

# Deviatoric Moment Tensor Inversion

Evid = 75001648

Depth = 20.0 km

Mw = 4.44

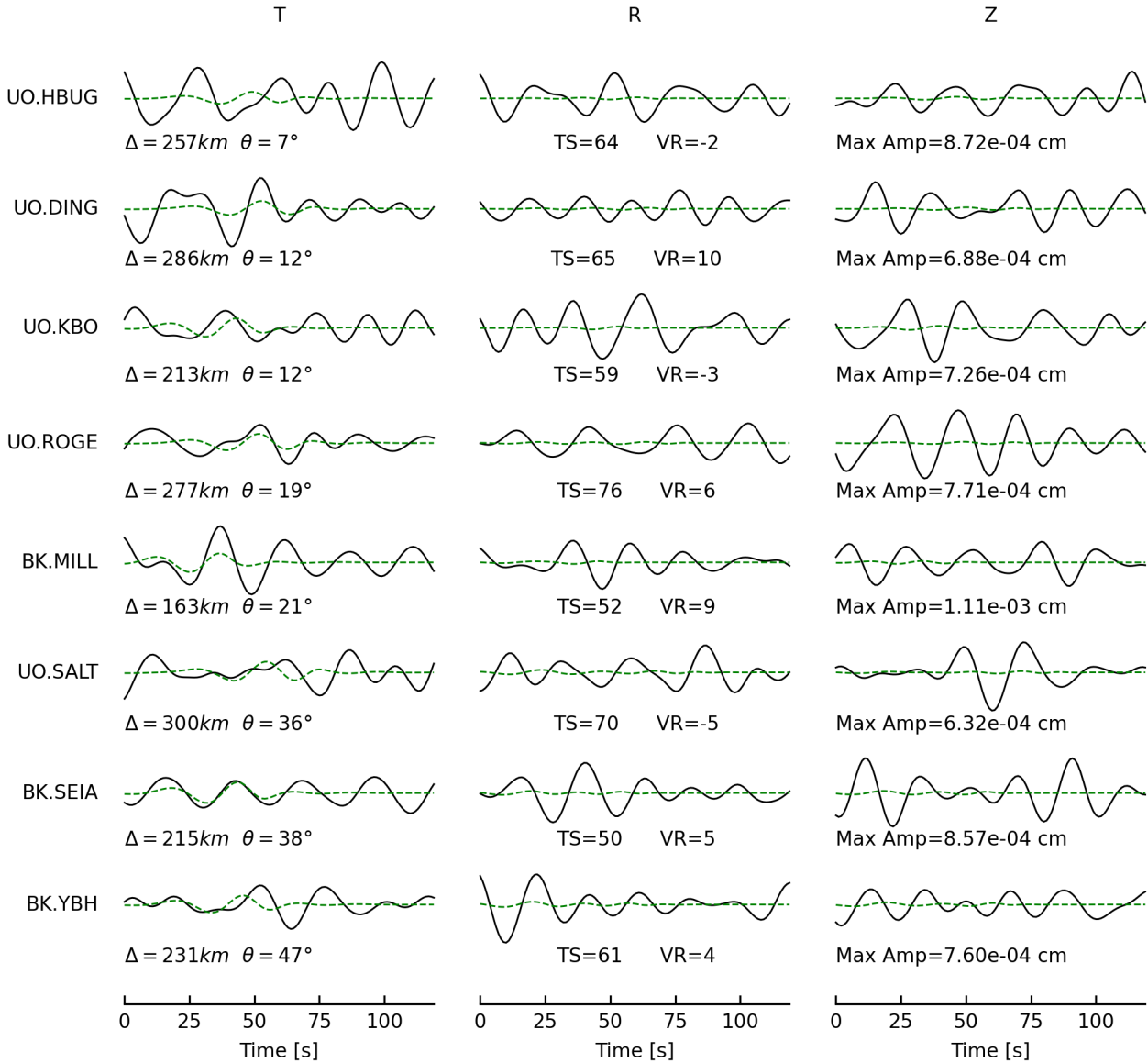
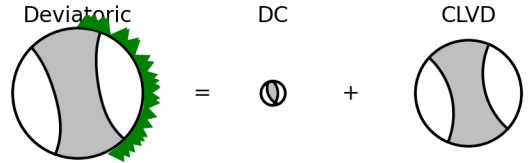
M0 = 5.74e+22 dyne-cm

Percent DC/CLVD/ISO = 19/81/0

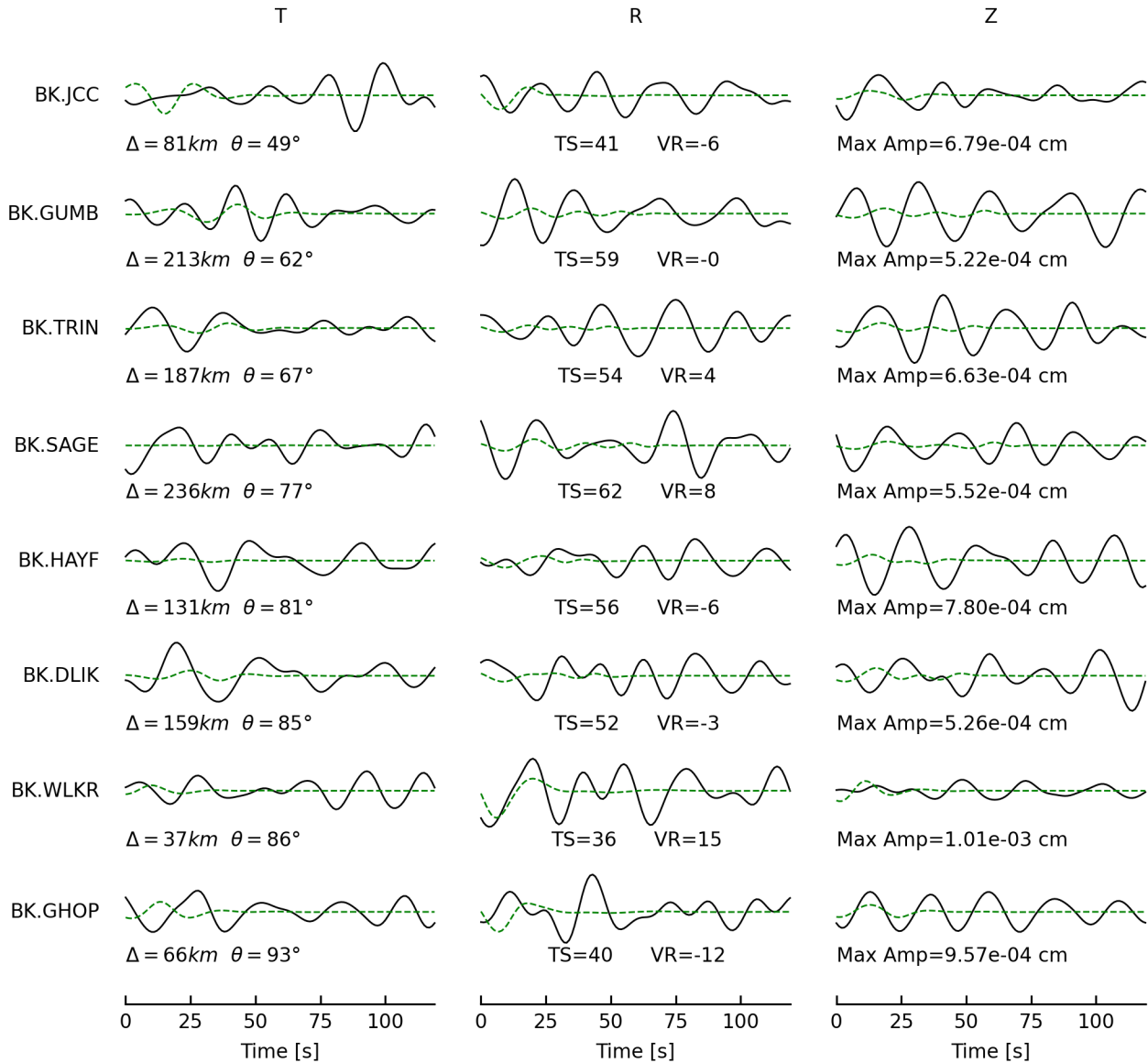
sdr = (359,47,107) (155,46,73)

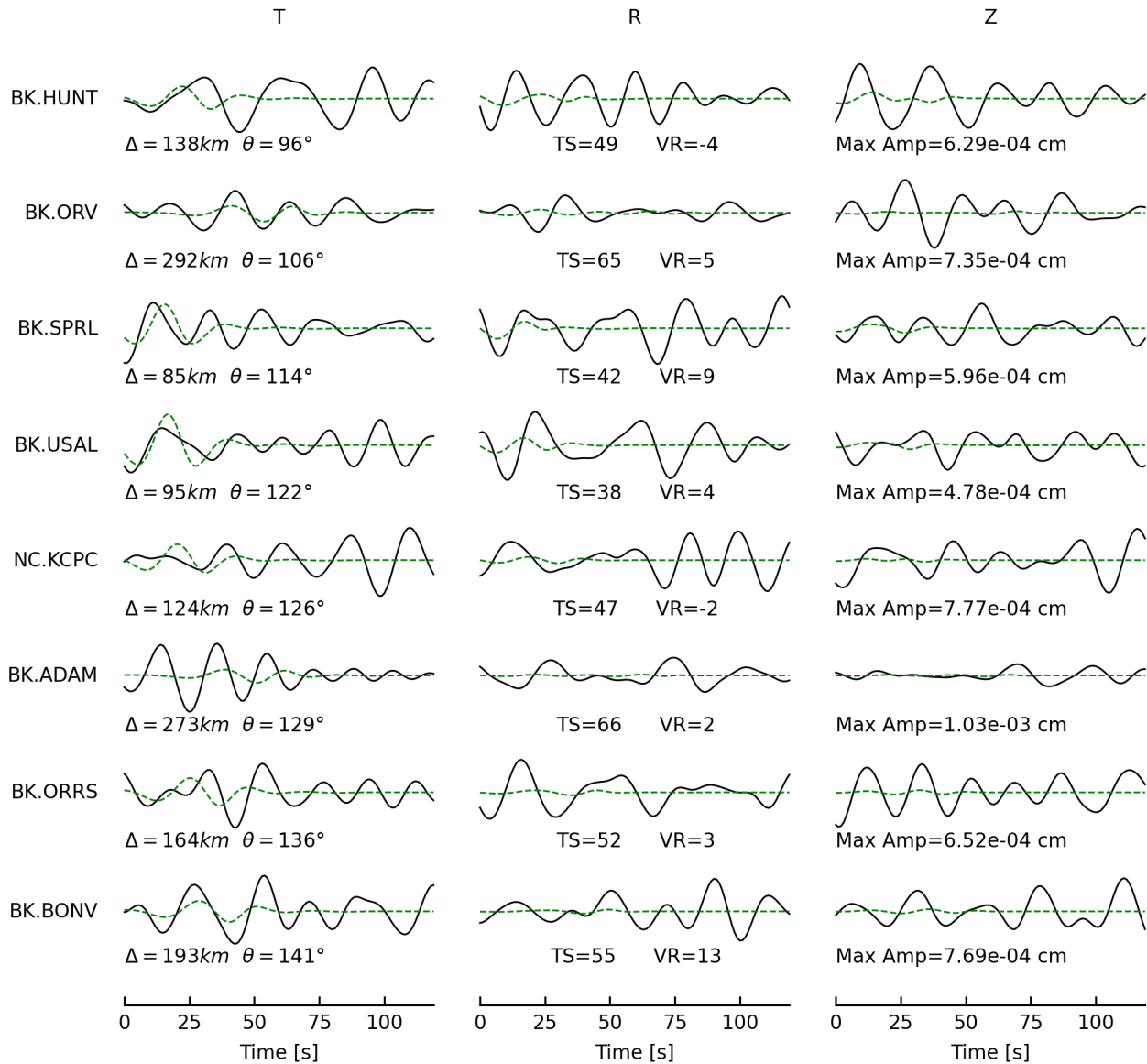
npts = 120 vred = 7.692 km/s

VR = 3.00% lune:24,0

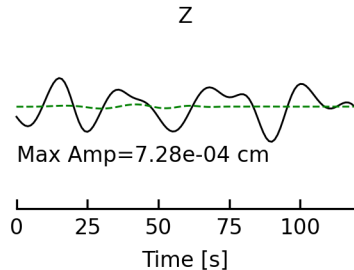
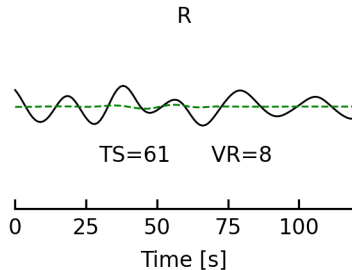
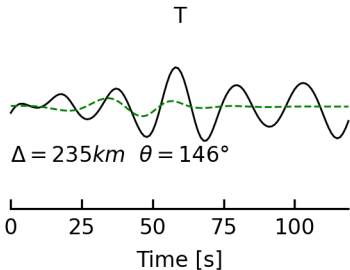








BK.HRCH



# Deviatoric Moment Tensor Inversion

Evid = 75001648

Depth = 5.0 km

Mw = 4.27

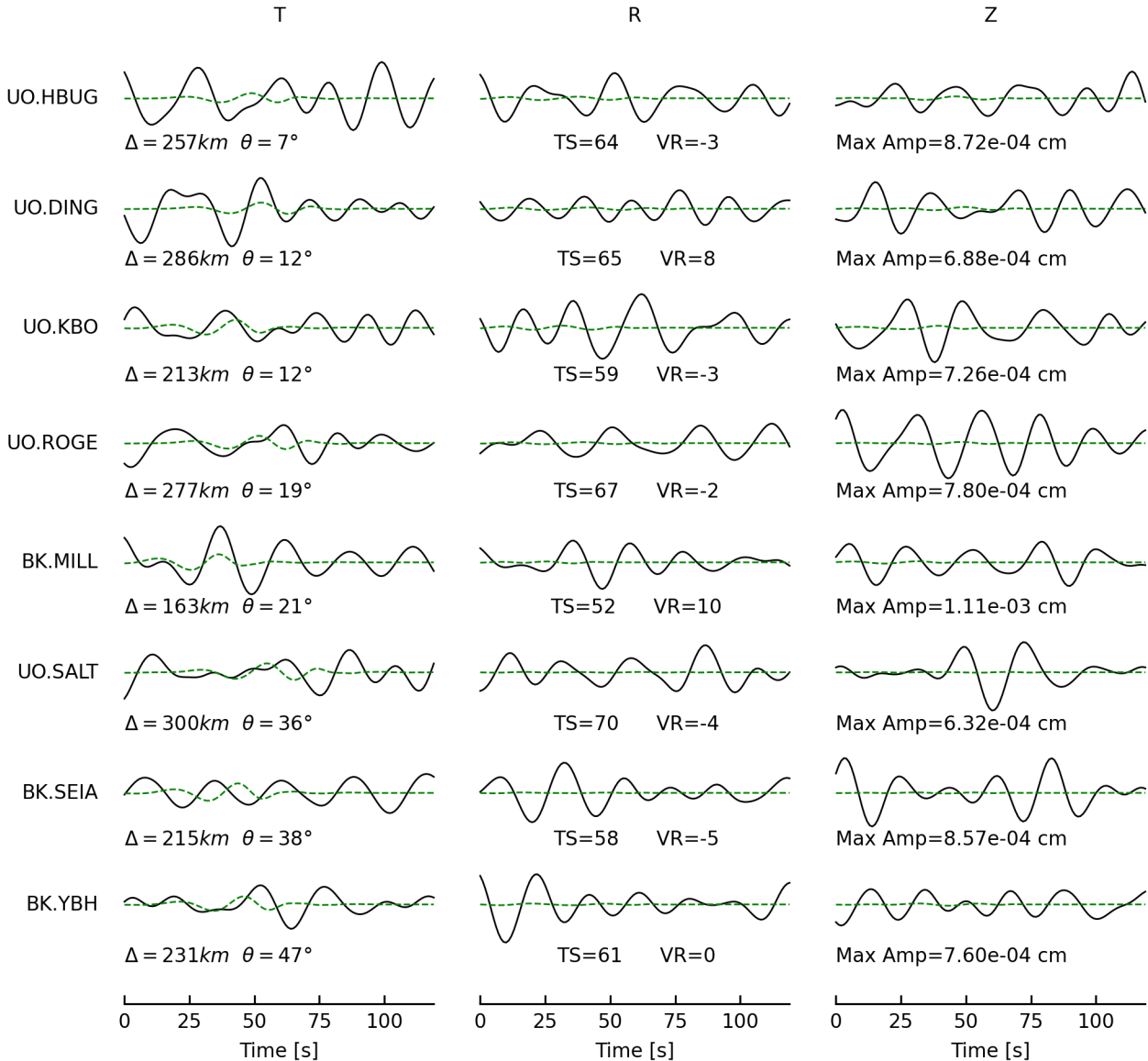
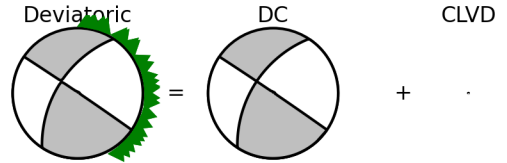
M0 = 3.15e+22 dyne-cm

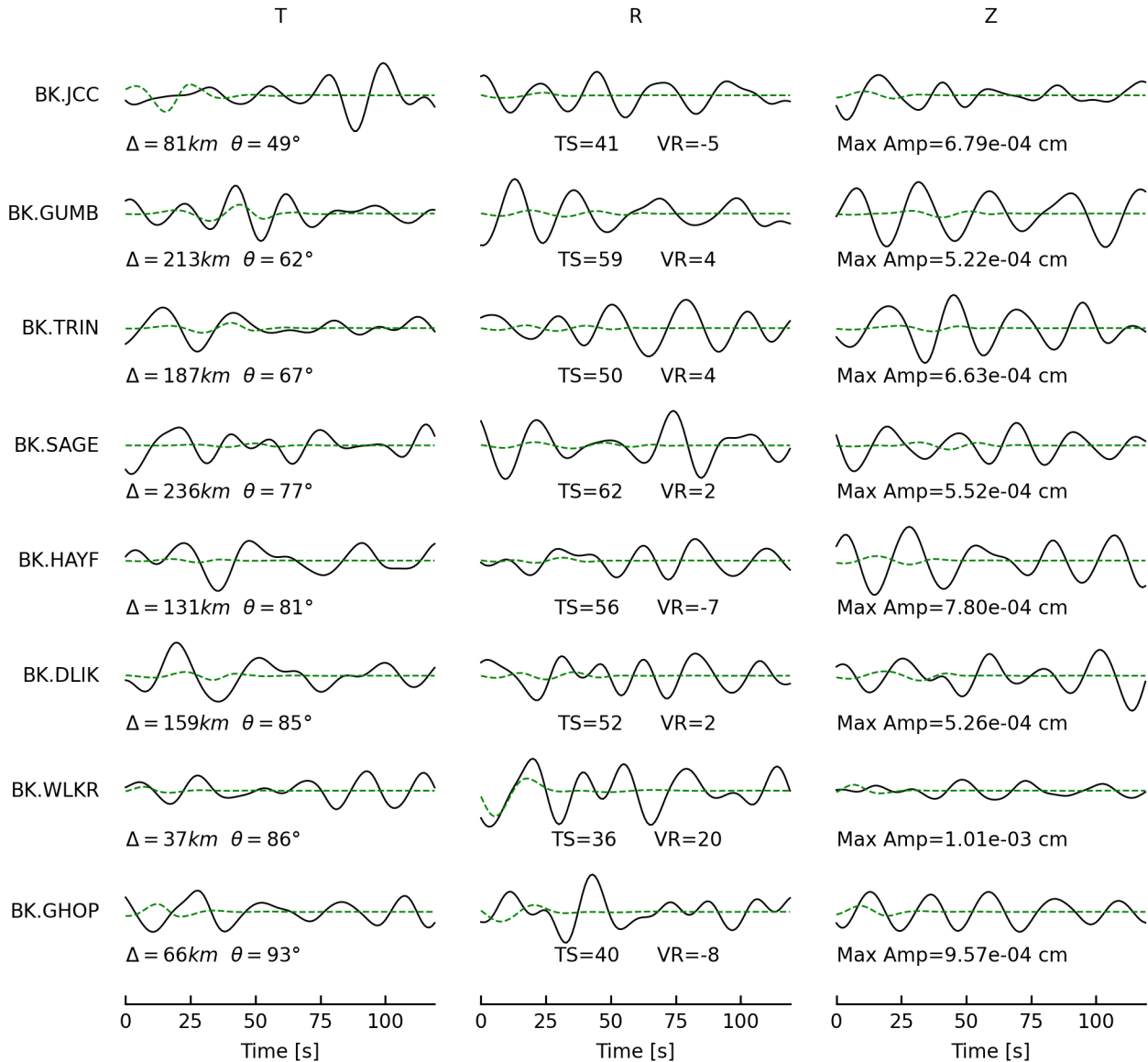
Percent DC/CLVD/ISO = 100/0/0

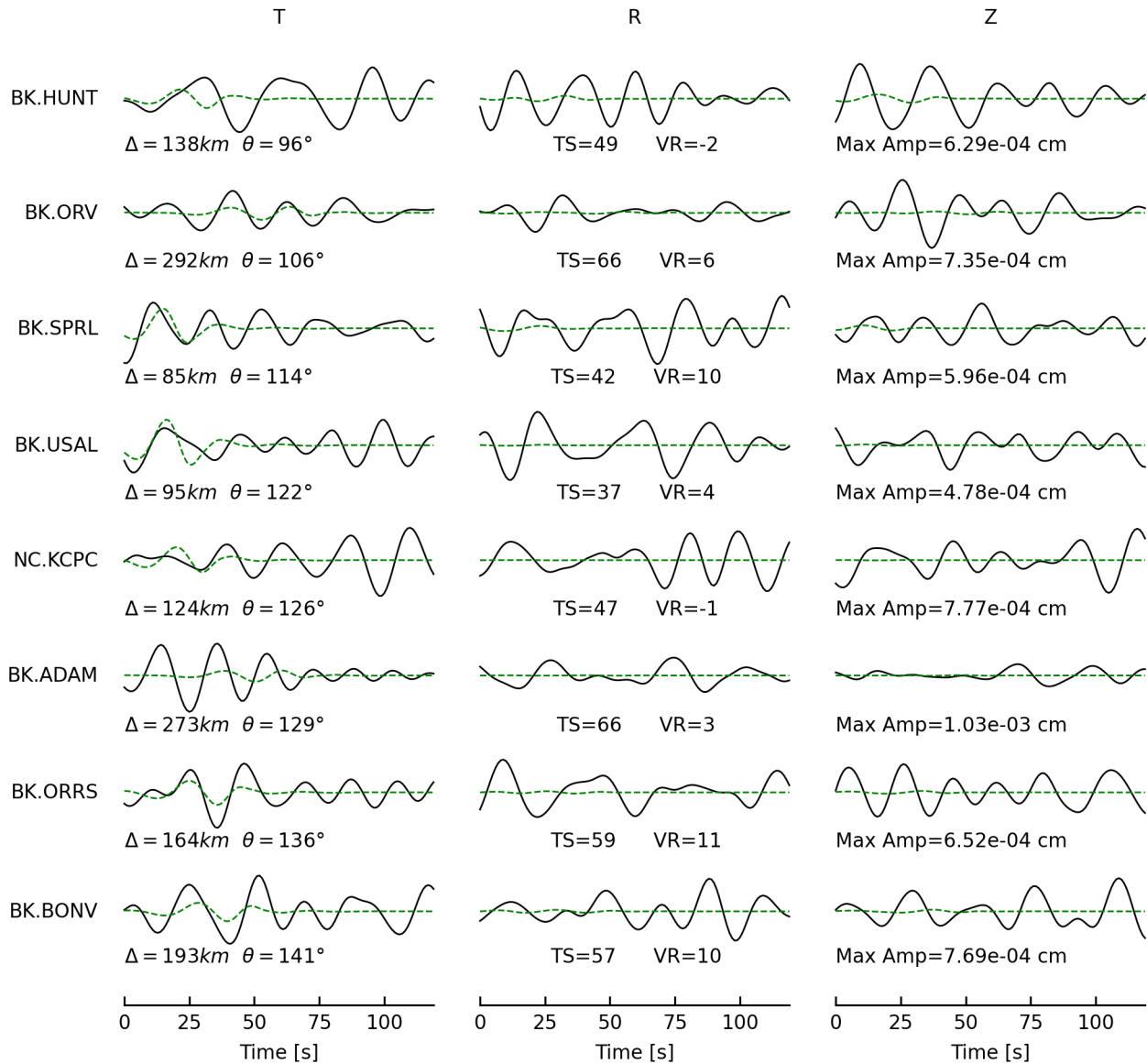
sdr = (213,55,179) (304,89,35)

npts = 120 vred = 7.692 km/s

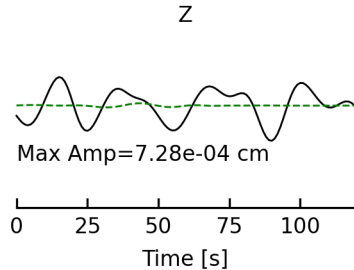
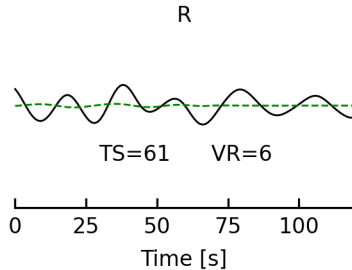
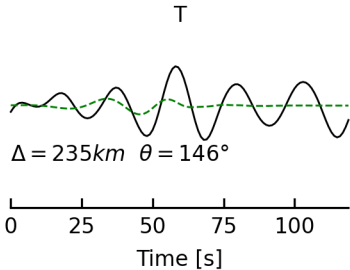
VR = 1.87% lune:0,0







BK.HRCH



Deviatoric Moment Tensor Inversion

Evid = 75001903

Depth = 11.0 km

Mw = 5.59

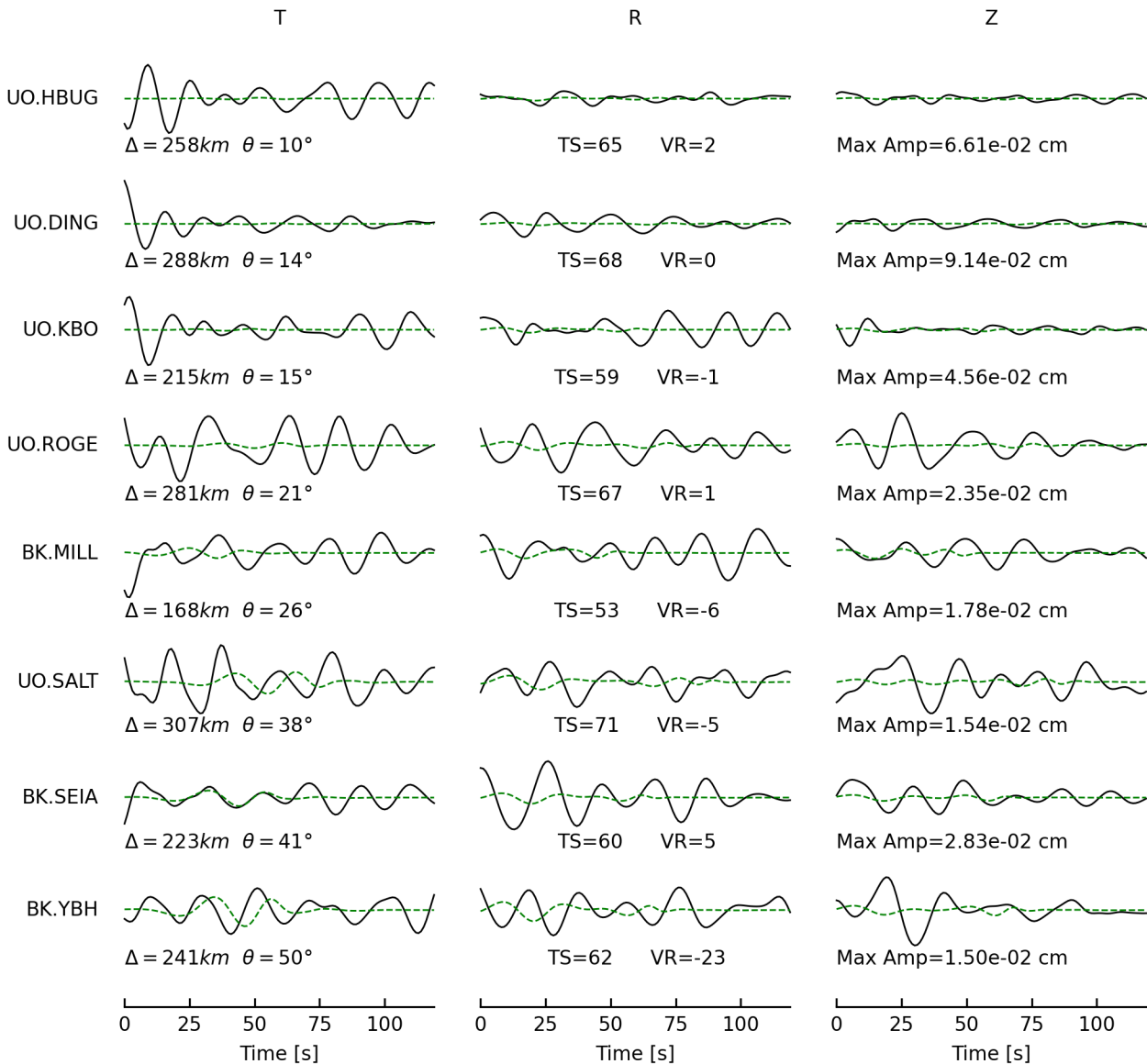
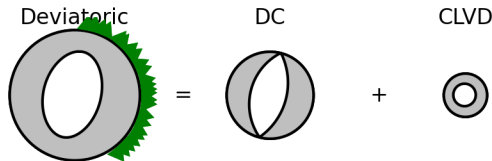
M0 = 2.99e+24 dyne-cm

Percent DC/CLVD/ISO = 67/33/0

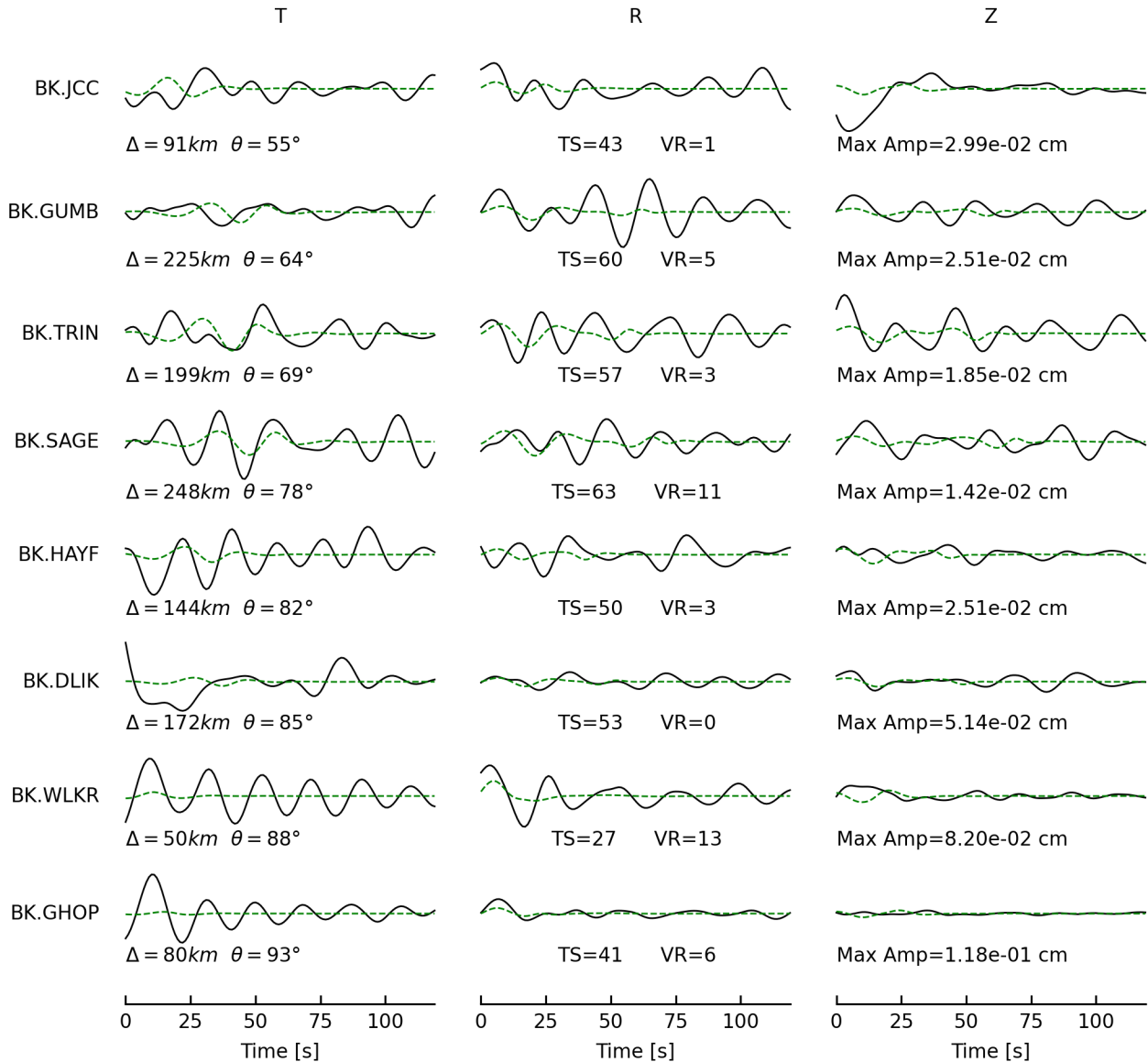
sdr = (15,49,-90) (194,41,-90)

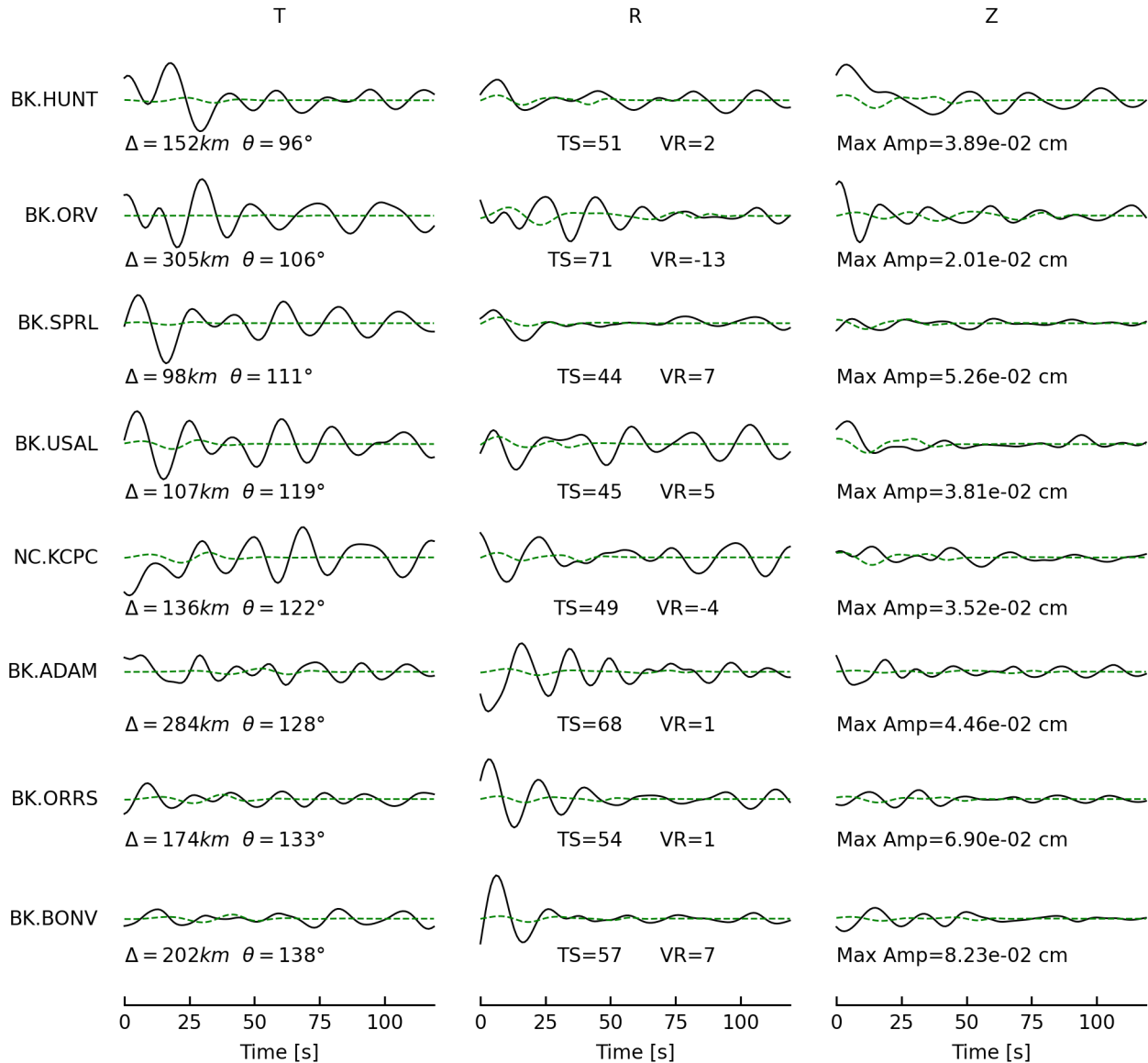
npts = 120 vred = 7.692 km/s

VR = 2.29% lune:9,0



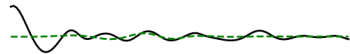




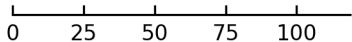


BK.HRCH

T

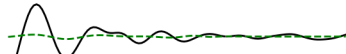


$\Delta = 244km$   $\theta = 143^\circ$

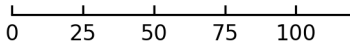


Time [s]

R



TS=63 VR=5

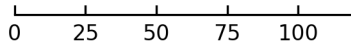


Time [s]

Z



Max Amp=7.51e-02 cm



Time [s]

# Deviatoric Moment Tensor Inversion

Evid = 75001903

Depth = 4.0 km

Mw = 5.64

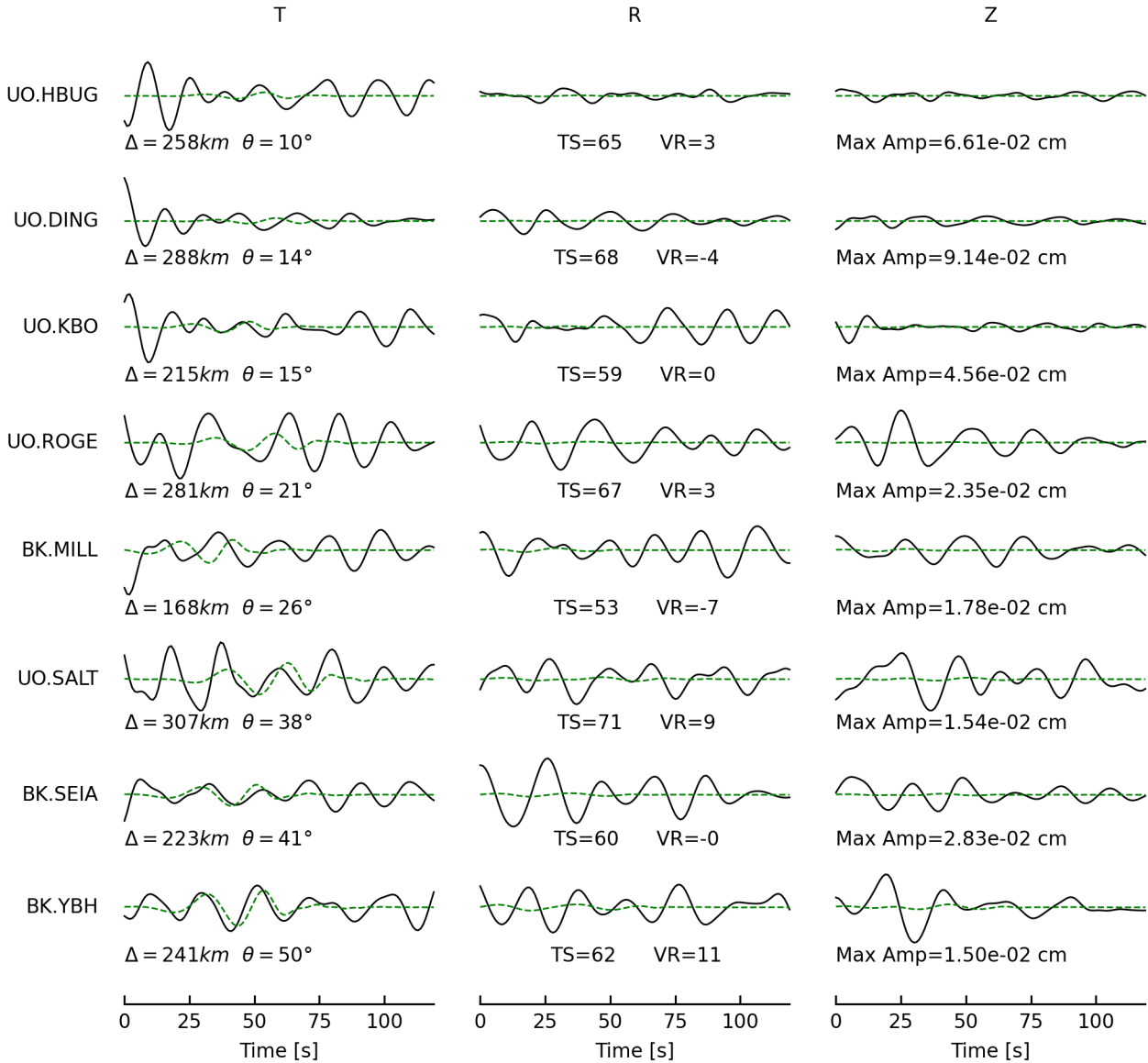
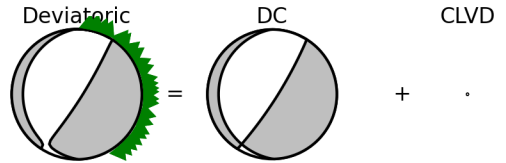
M0 = 3.56e+24 dyne-cm

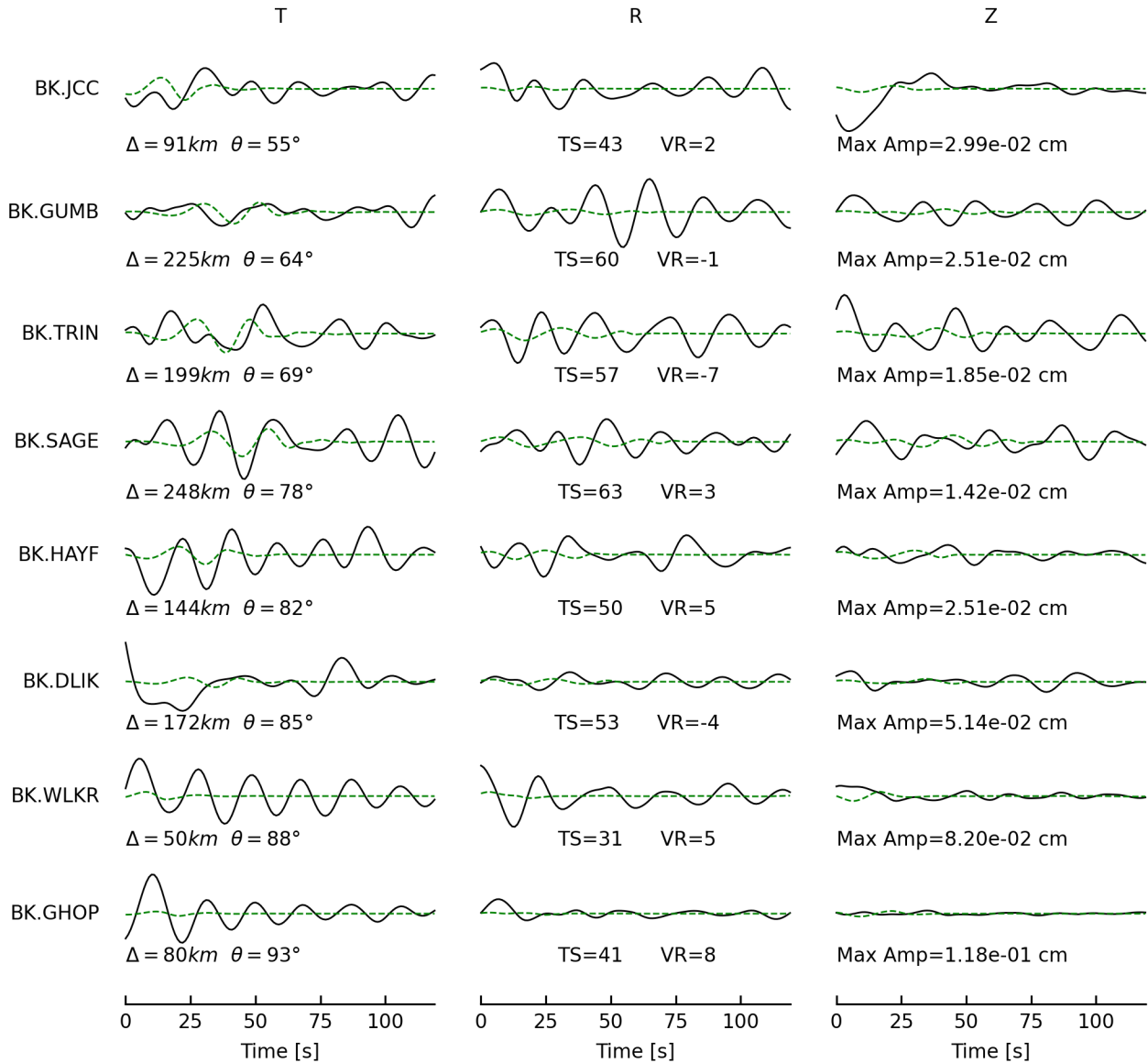
Percent DC/CLVD/ISO = 99/1/0

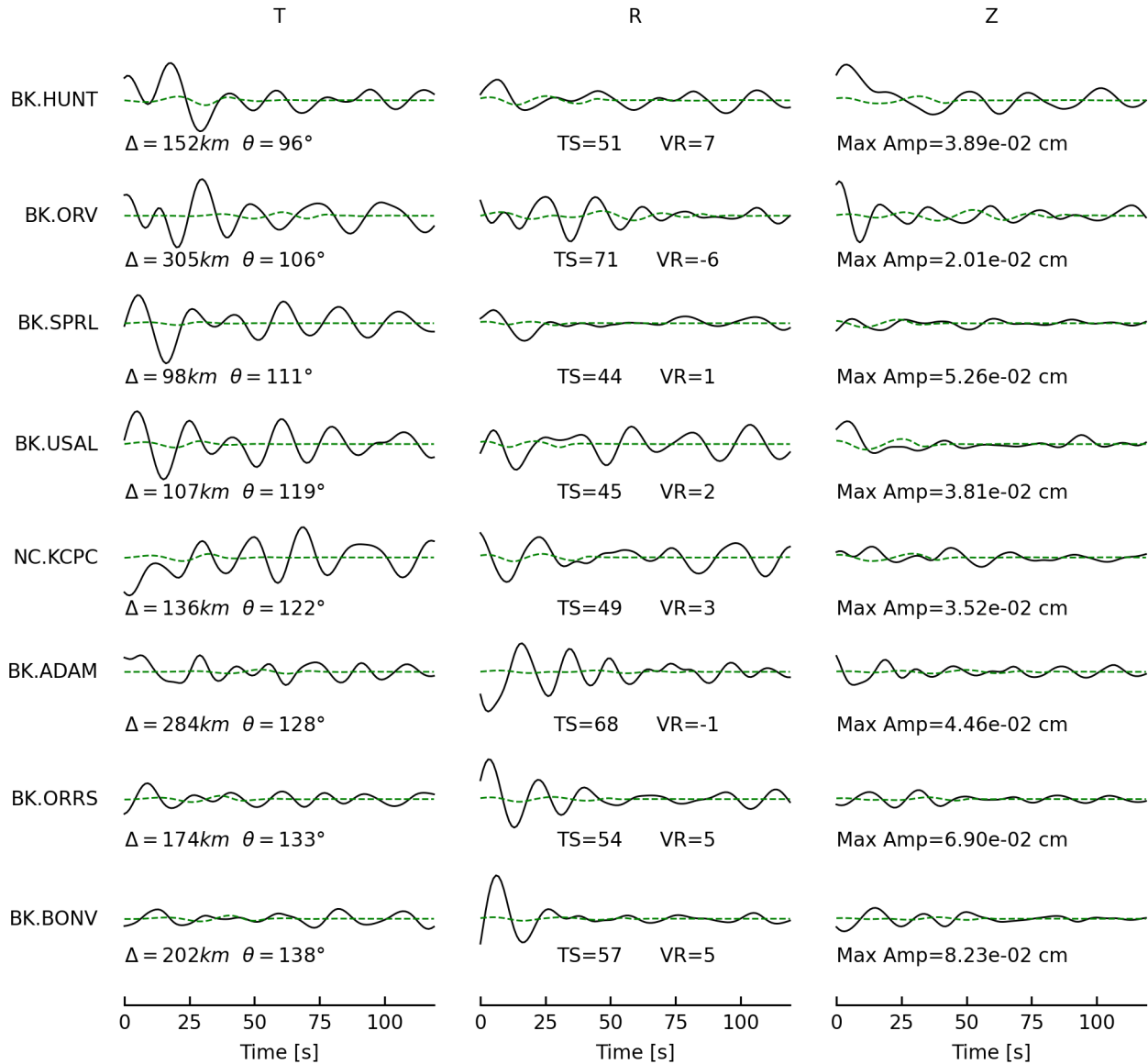
sdr = (32,81,-84) (179,11,-123)

npts = 120 vred = 7.692 km/s

VR = 1.69% lune:0,0

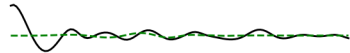




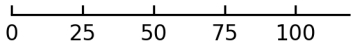


BK.HRCH

T



$\Delta = 244km$   $\theta = 143^\circ$

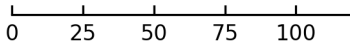


Time [s]

R



TS=63 VR=1

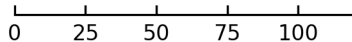


Time [s]

Z



Max Amp=7.51e-02 cm



Time [s]

# Deviatoric Moment Tensor Inversion

Evid = 75001908

Depth = 15.0 km

Mw = 5.46

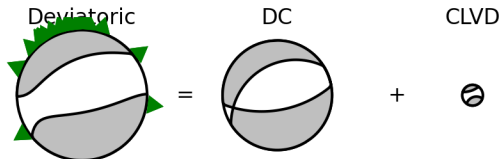
M0 = 1.95e+24 dyne-cm

Percent DC/CLVD/ISO = 84/16/0

sdr = (238,32,-109) (80,60,-78)

npts = 120 vred = 7.692 km/s

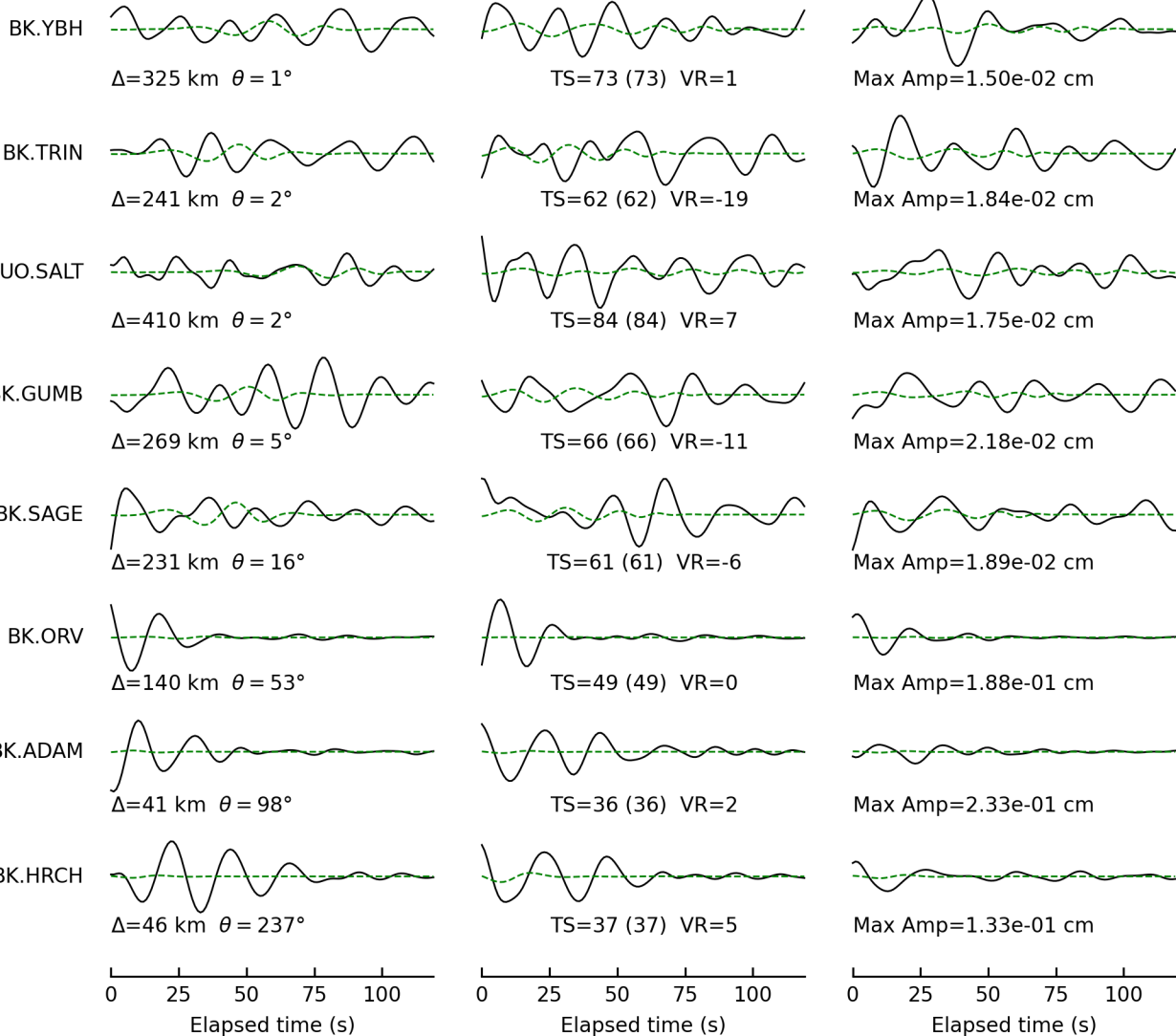
VR = 0.57% lune:-4,0



Tangential

Radial

Vertical

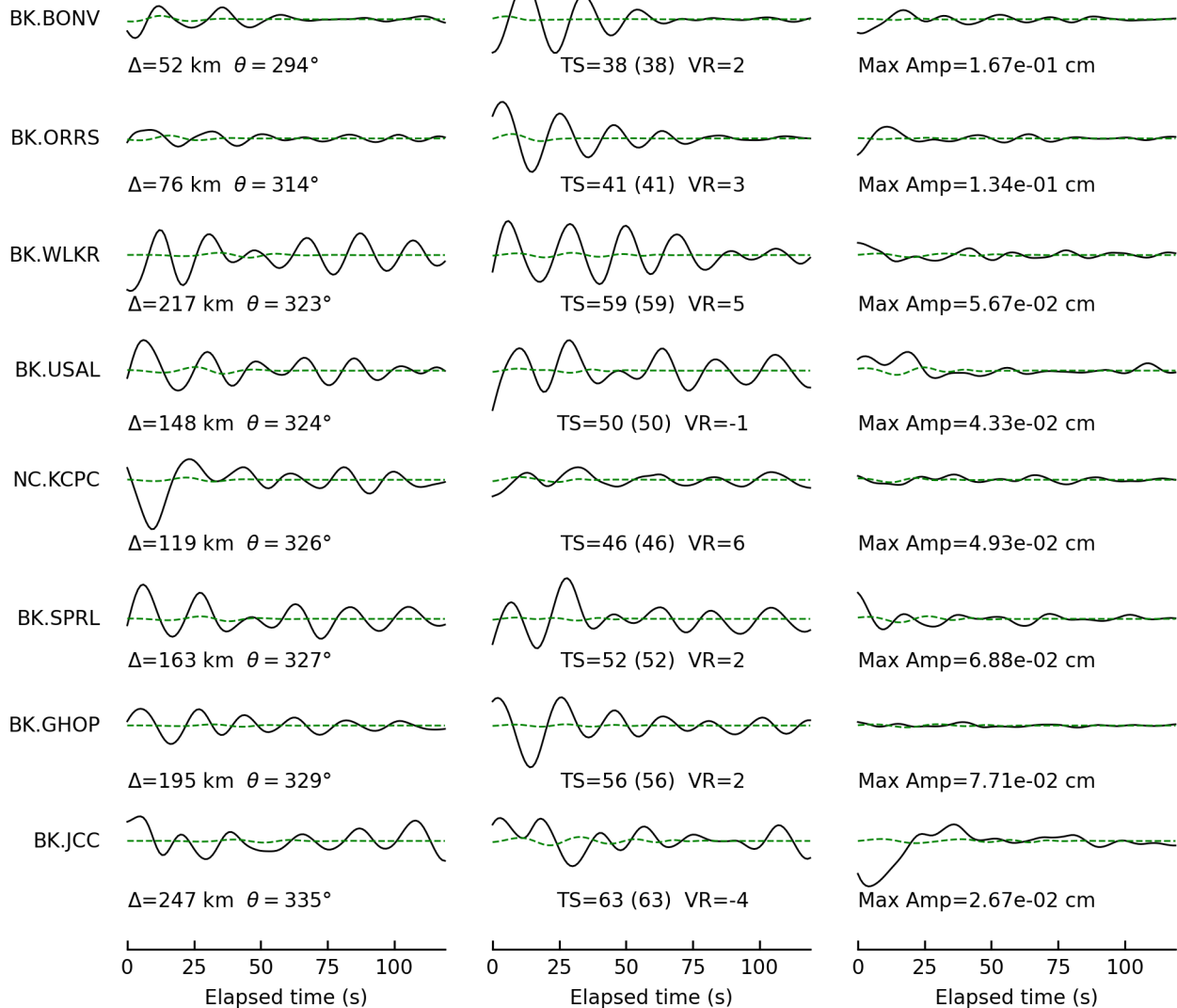




Tangential

Radial

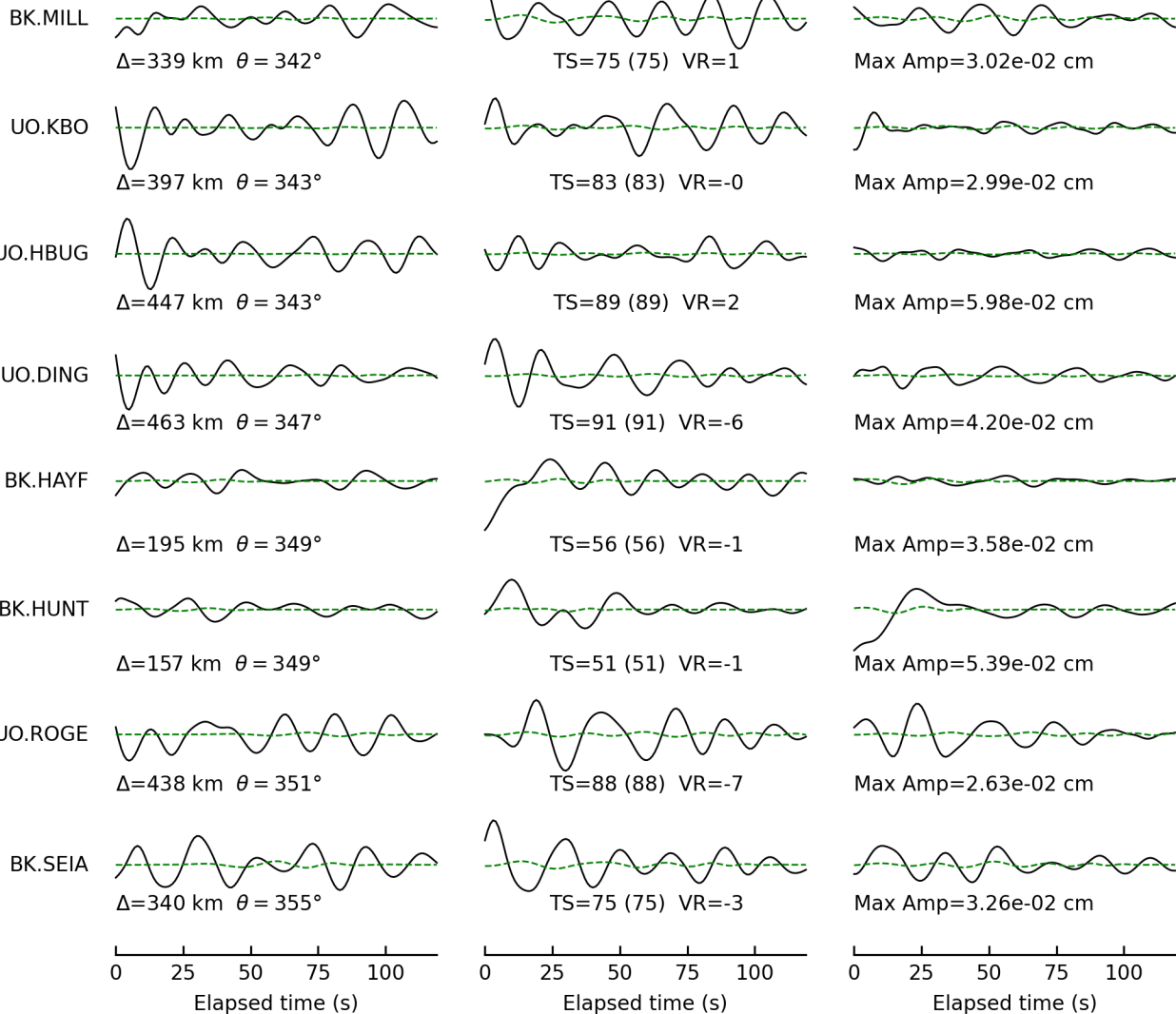
Vertical



Tangential

Radial

Vertical



Tangential

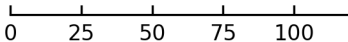
Radial

Vertical

BK.DLIK



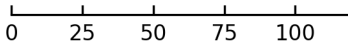
$\Delta=184$  km  $\theta = 358^\circ$



Elapsed time (s)



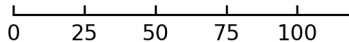
TS=55 (55) VR=-2



Elapsed time (s)



Max Amp=3.81e-02 cm



Elapsed time (s)

# Deviatoric Moment Tensor Inversion

Evid = 75001908

Depth = 13.0 km

Mw = 5.46

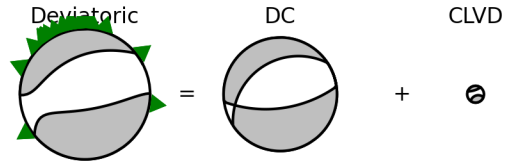
M0 = 1.93e+24 dyne-cm

Percent DC/CLVD/ISO = 87/13/0

sdr = (237,30,-113) (82,62,-77)

npts = 120 vred = 7.692 km/s

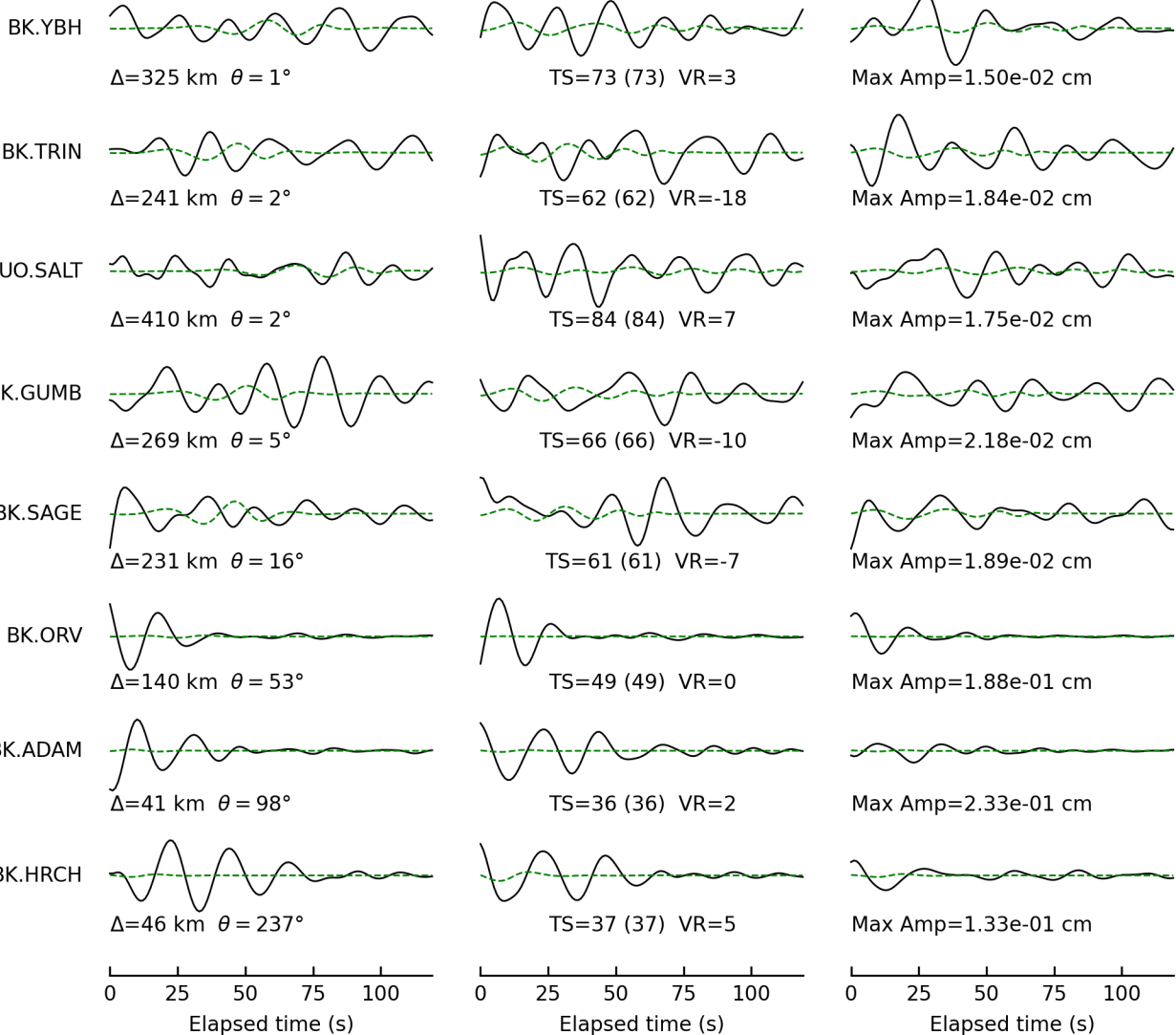
VR = 0.56% lune:-3,0



Tangential

Radial

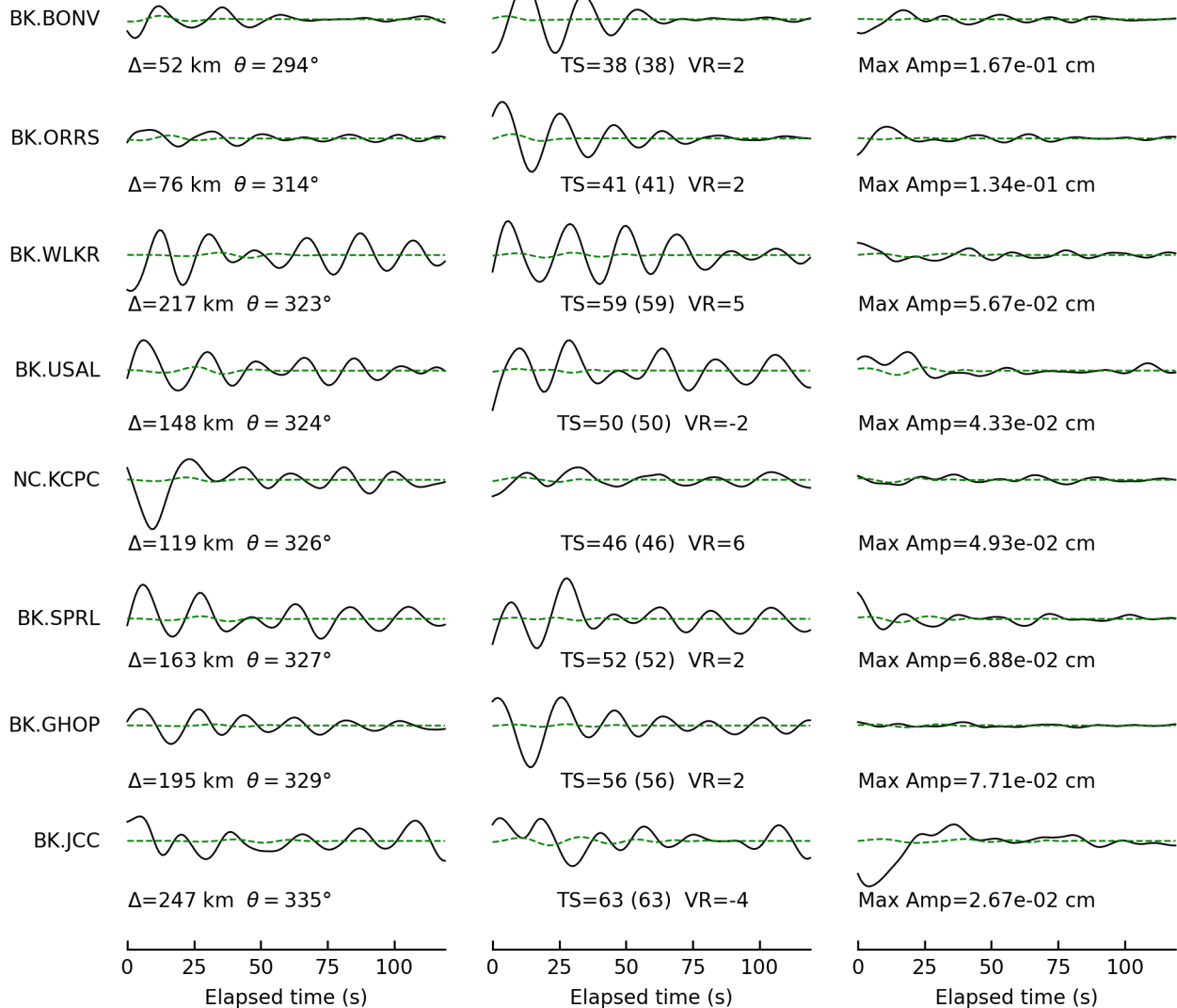
Vertical



Tangential

Radial

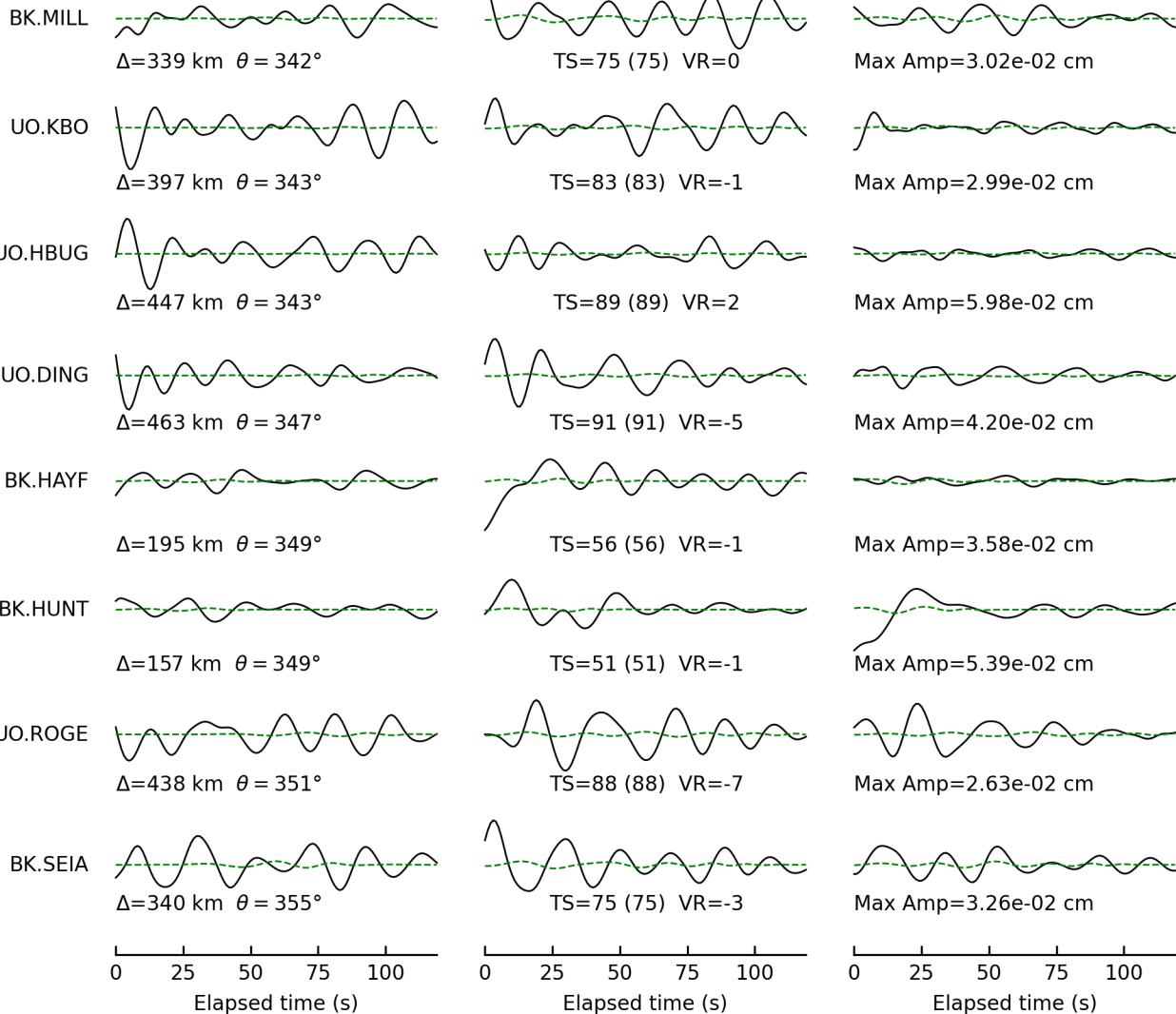
Vertical



Tangential

Radial

Vertical



Tangential

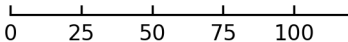
Radial

Vertical

BK.DLIK



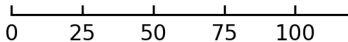
$\Delta=184$  km  $\theta = 358^\circ$



Elapsed time (s)



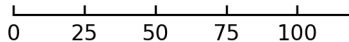
TS=55 (55) VR=-2



Elapsed time (s)



Max Amp=3.81e-02 cm



Elapsed time (s)

# Deviatoric Moment Tensor Inversion

Evid = 75001913

Depth = 5.0 km

Mw = 5.57

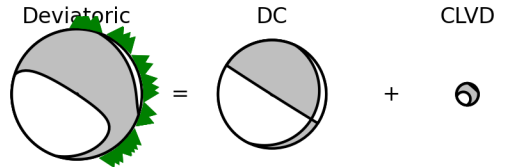
M0 = 2.83e+24 dyne-cm

Percent DC/CLVD/ISO = 83/17/0

sdr = (122,89,81) (26,9,173)

npts = 120 vred = 7.692 km/s

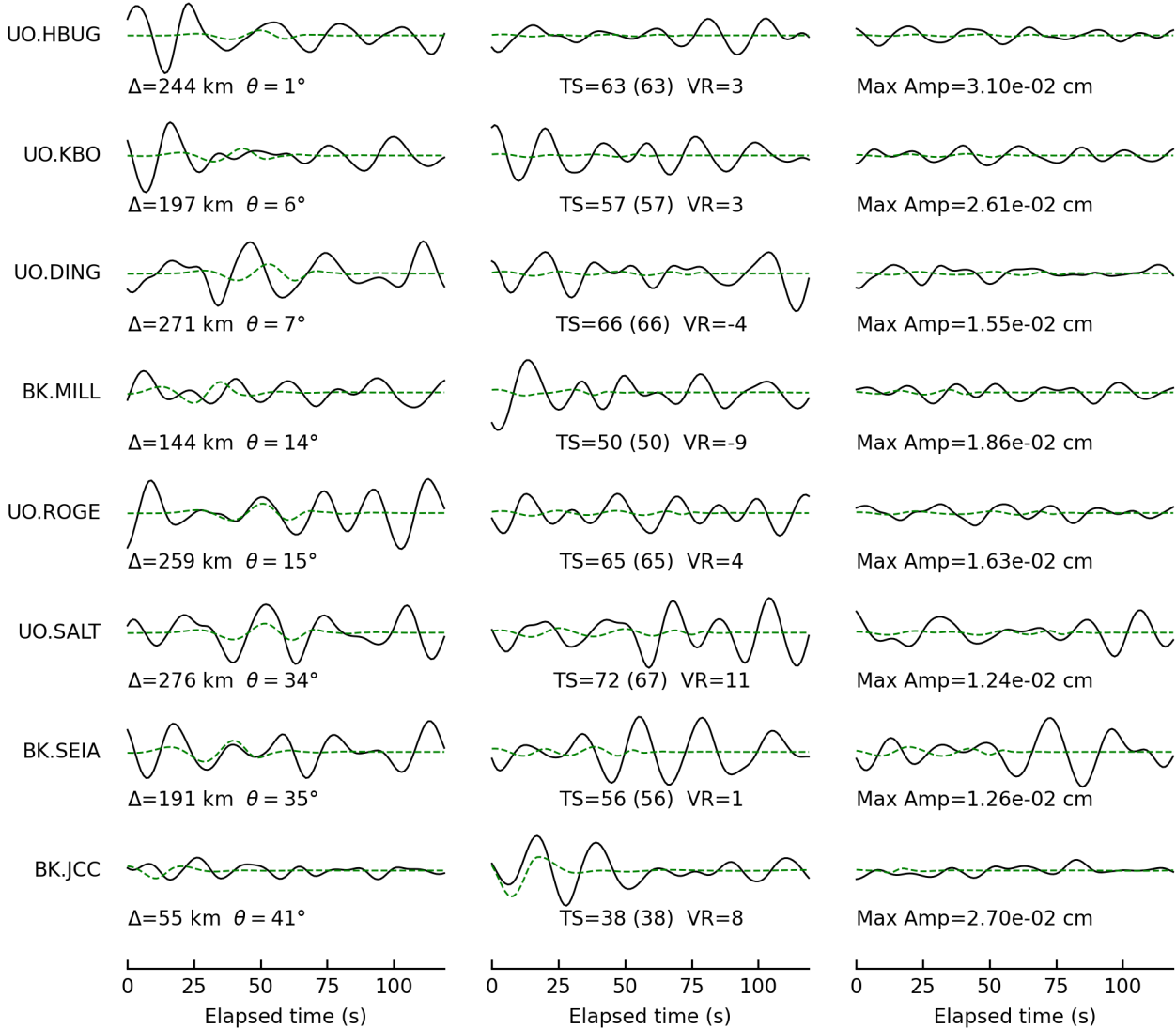
VR = 4.35% lune:4,0



Tangential

Radial

Vertical





Tangential

Radial

Vertical

BK.YBH

 $\Delta=205$  km  $\theta=45^\circ$ 

TS=58 (58) VR=-3

Max Amp=1.69e-02 cm

BK.GUMB

 $\Delta=185$  km  $\theta=62^\circ$ 

TS=51 (55) VR=11

Max Amp=1.23e-02 cm

BK.TRIN

 $\Delta=159$  km  $\theta=68^\circ$ 

TS=52 (52) VR=5

Max Amp=9.22e-03 cm

BK.SAGE

 $\Delta=208$  km  $\theta=78^\circ$ 

TS=58 (58) VR=9

Max Amp=1.21e-02 cm

BK.HAYF

 $\Delta=104$  km  $\theta=85^\circ$ 

TS=44 (44) VR=-6

Max Amp=2.57e-02 cm

BK.DLIK

 $\Delta=132$  km  $\theta=89^\circ$ 

TS=48 (48) VR=-21

Max Amp=1.50e-02 cm

BK.HUNT

 $\Delta=115$  km  $\theta=104^\circ$ 

TS=46 (46) VR=8

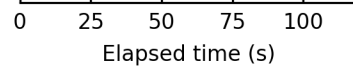
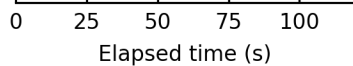
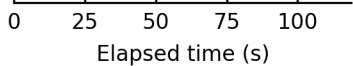
Max Amp=1.70e-02 cm

BK.ORV

 $\Delta=271$  km  $\theta=110^\circ$ 

TS=66 (66) VR=4

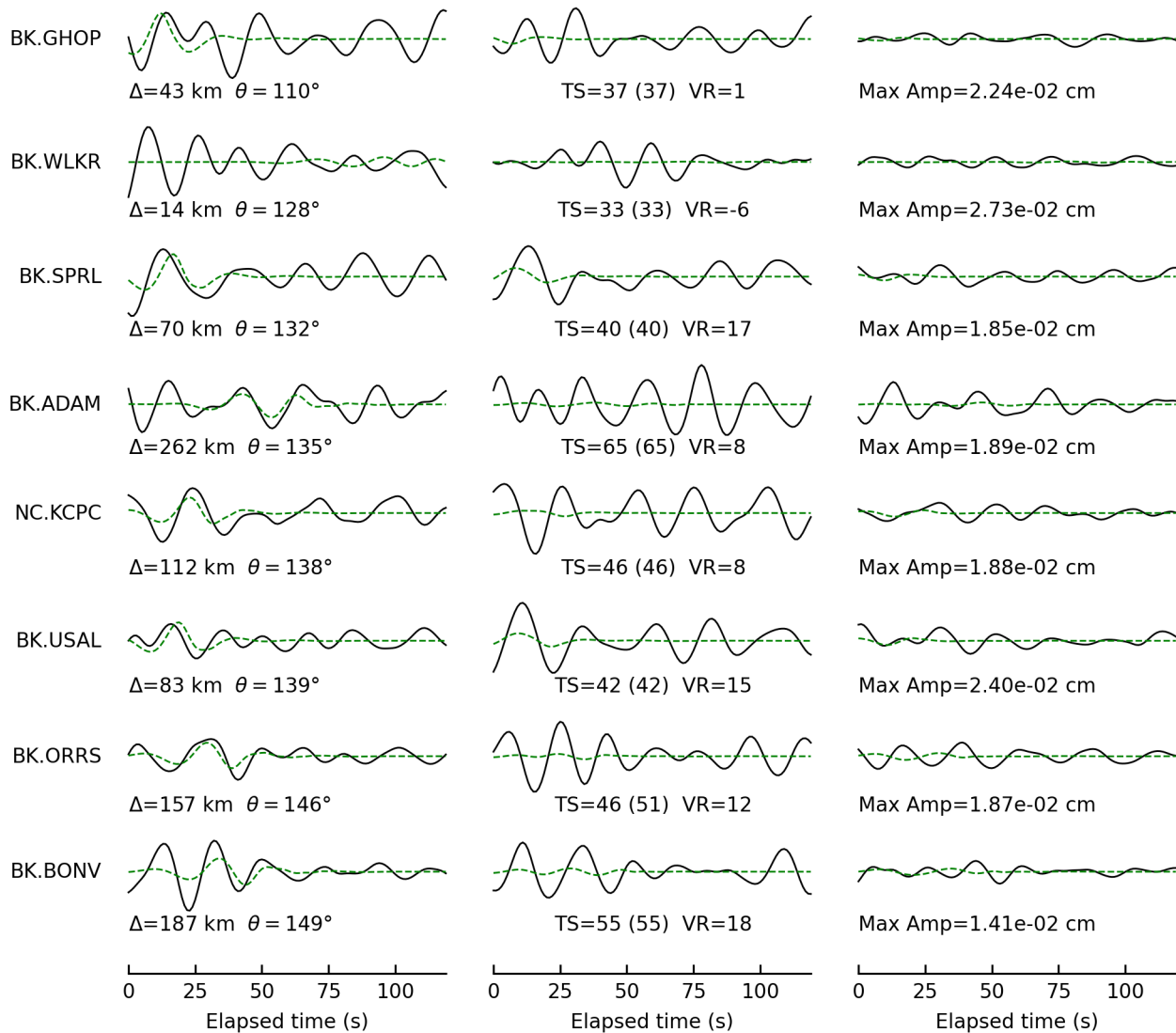
Max Amp=1.23e-02 cm



Tangential

Radial

Vertical

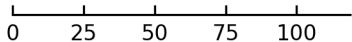


BK.HRCH

Tangential

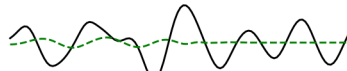


$\Delta=232$  km  $\theta = 153^\circ$

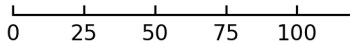


Elapsed time (s)

Radial

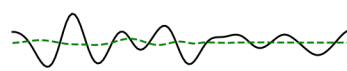


TS=61 (61) VR=7

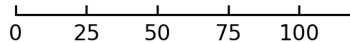


Elapsed time (s)

Vertical



Max Amp=1.16e-02 cm



Elapsed time (s)

# Deviatoric Moment Tensor Inversion

Evid = 75001913

Depth = 11.0 km

Mw = 5.38

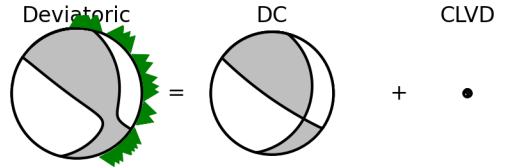
M0 = 1.48e+24 dyne-cm

Percent DC/CLVD/ISO = 94/6/0

sdr = (15,25,158) (125,81,67)

npts = 120 vred = 7.692 km/s

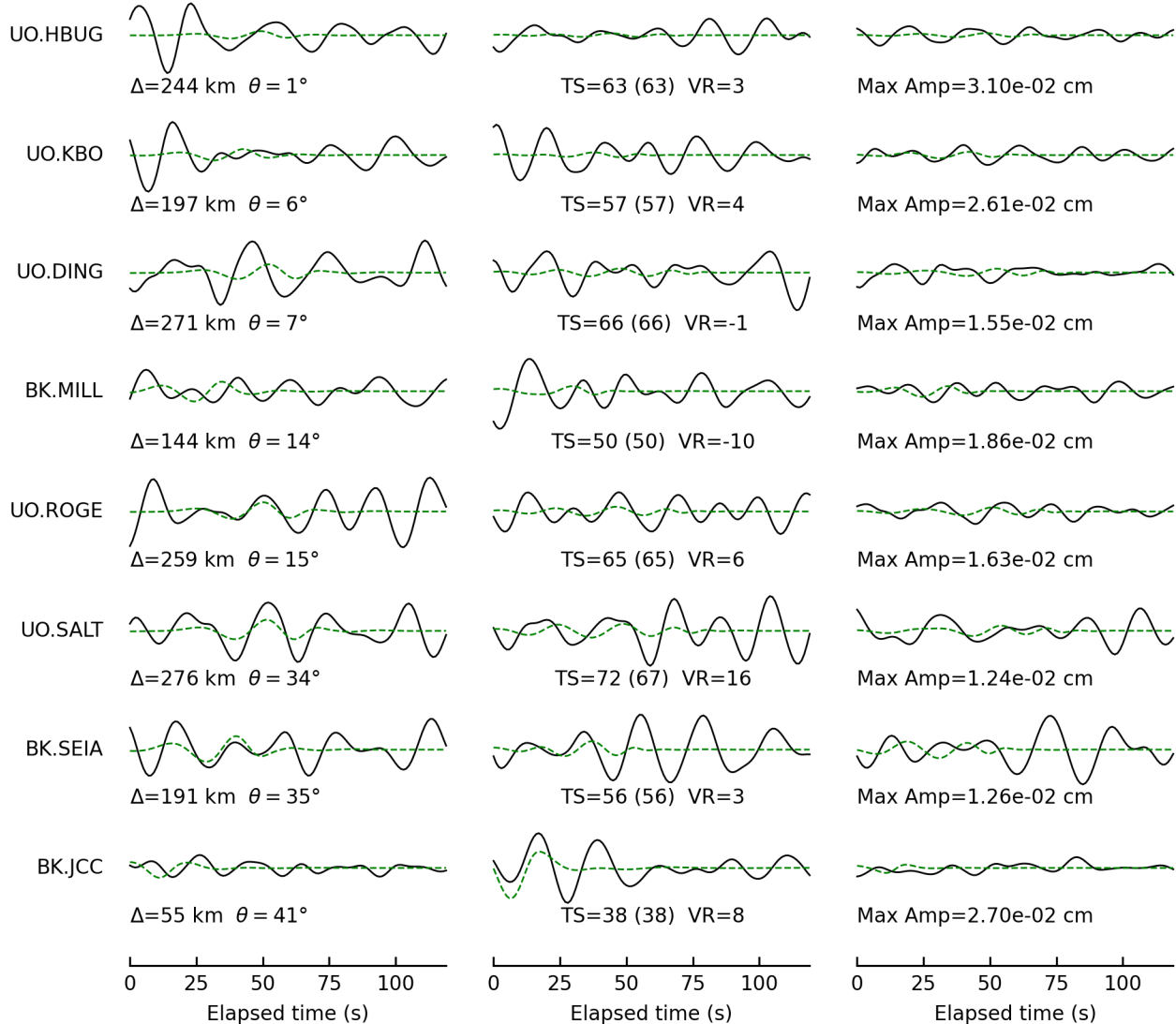
VR = 4.09% lune:1,0



Tangential

Radial

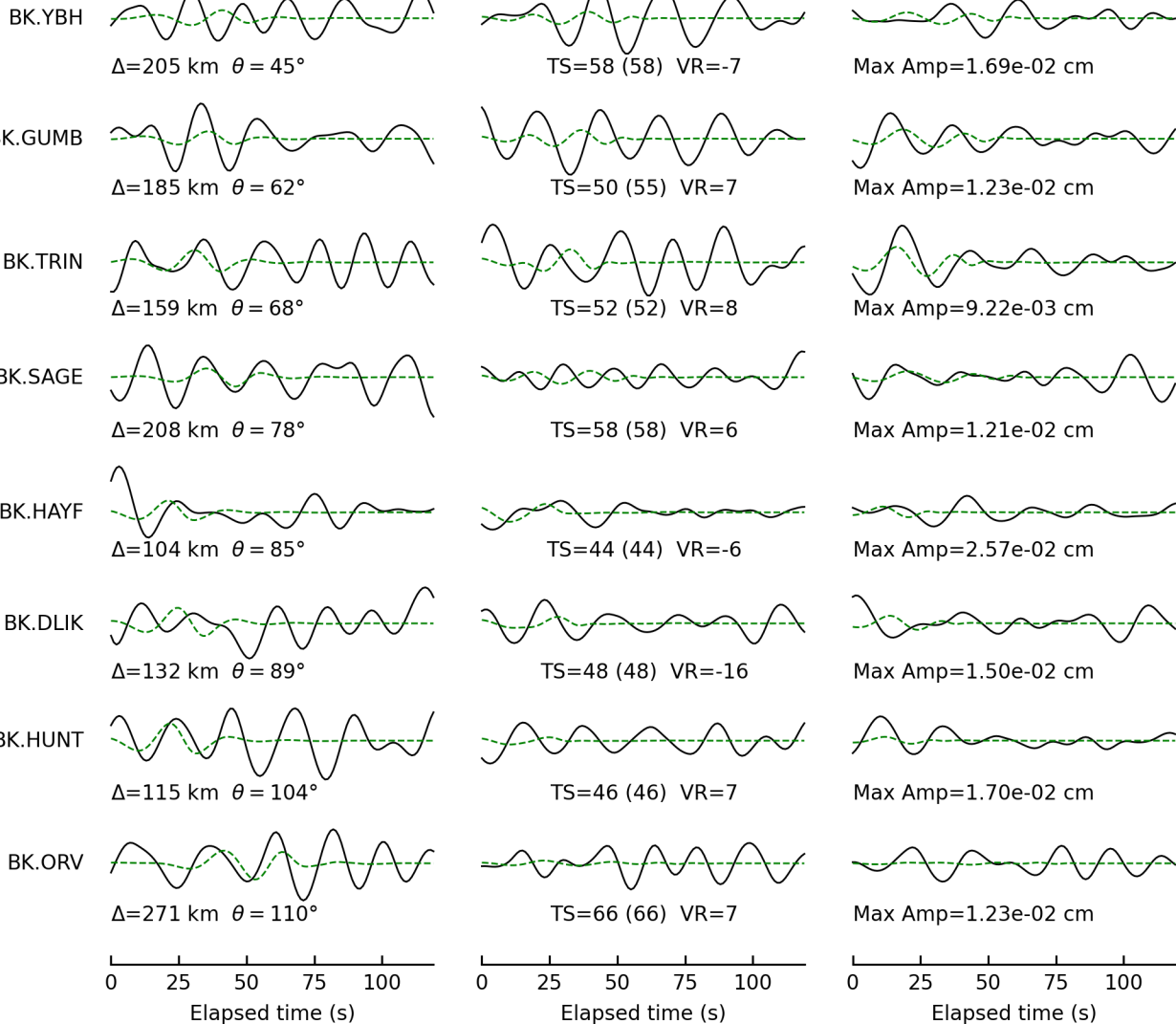
Vertical



Tangential

Radial

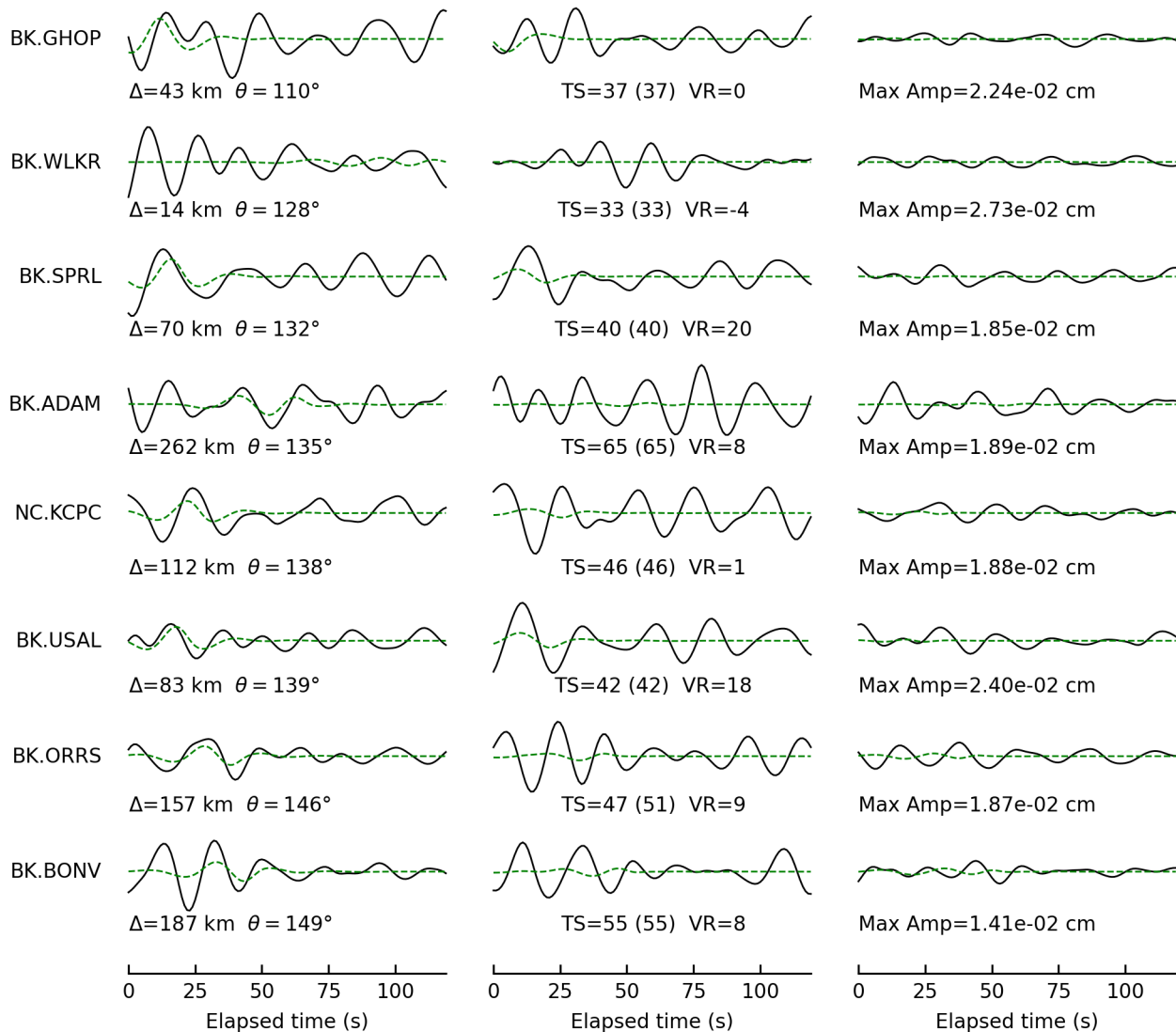
Vertical



Tangential

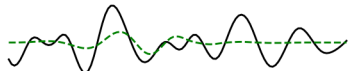
Radial

Vertical

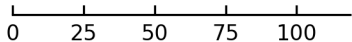


BK.HRCH

Tangential

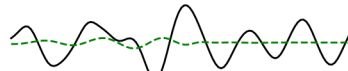


$\Delta=232$  km  $\theta = 153^\circ$

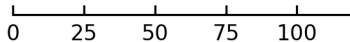


Elapsed time (s)

Radial

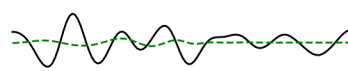


TS=61 (61) VR=5

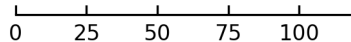


Elapsed time (s)

Vertical



Max Amp=1.16e-02 cm



Elapsed time (s)

# Deviatoric Moment Tensor Inversion

Evid = 75094936

Depth = 27.0 km

Mw = 4.37

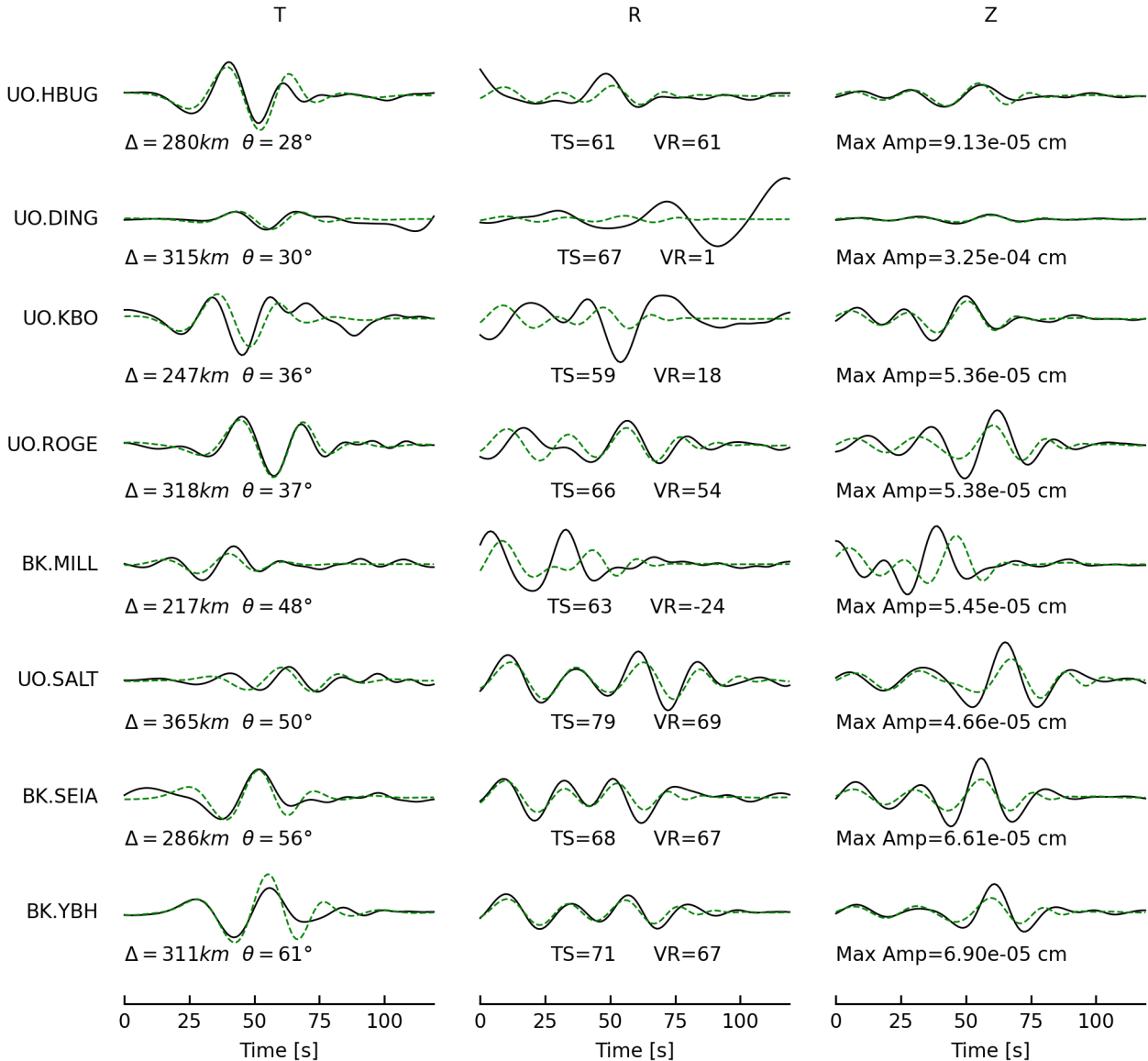
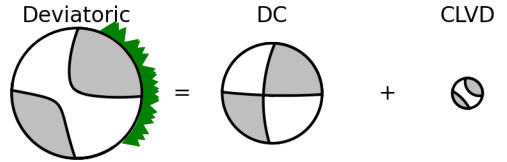
M0 = 4.51e+22 dyne-cm

Percent DC/CLVD/ISO = 77/23/0

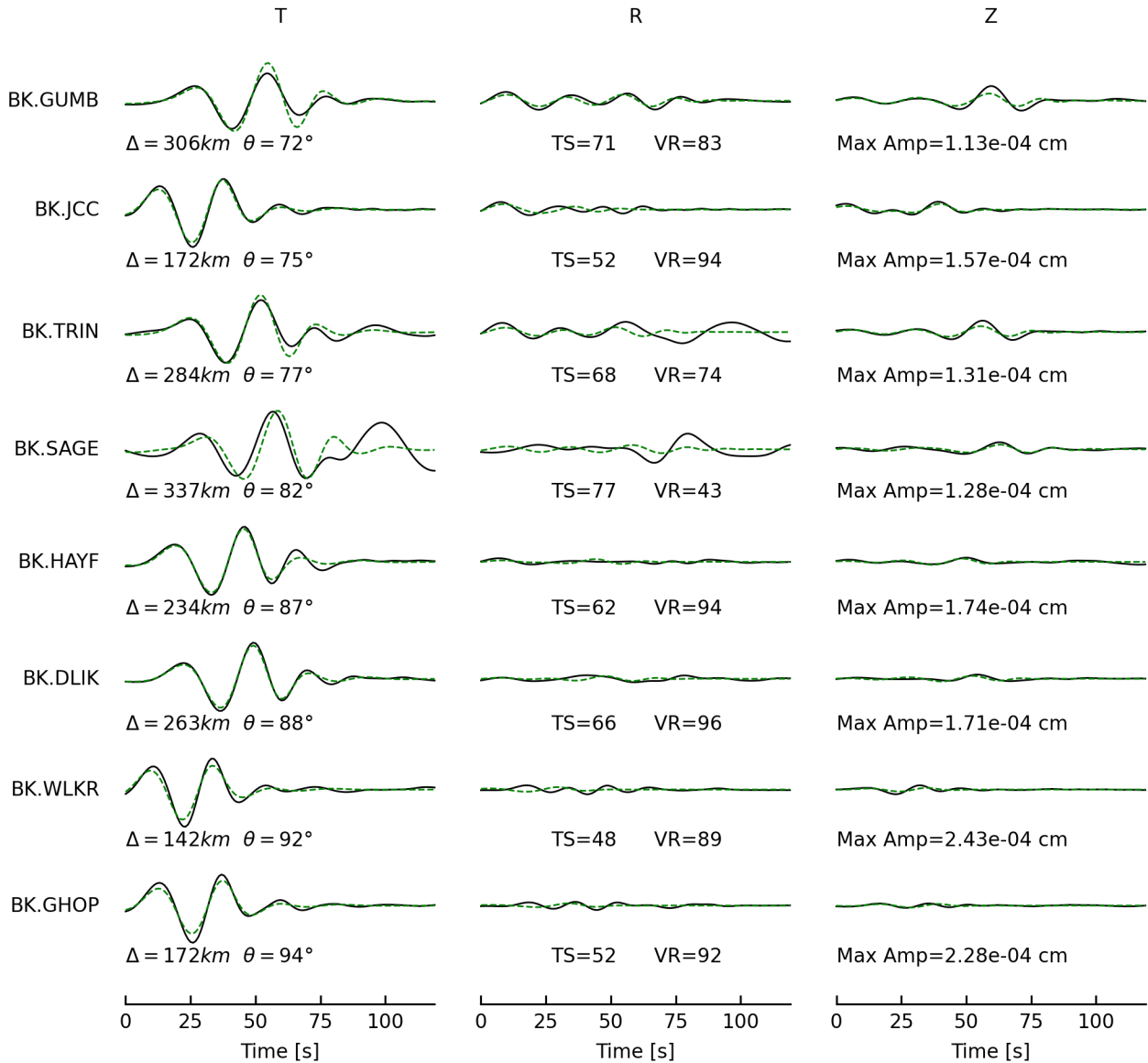
sdr = (91,85,160) (183,70,5)

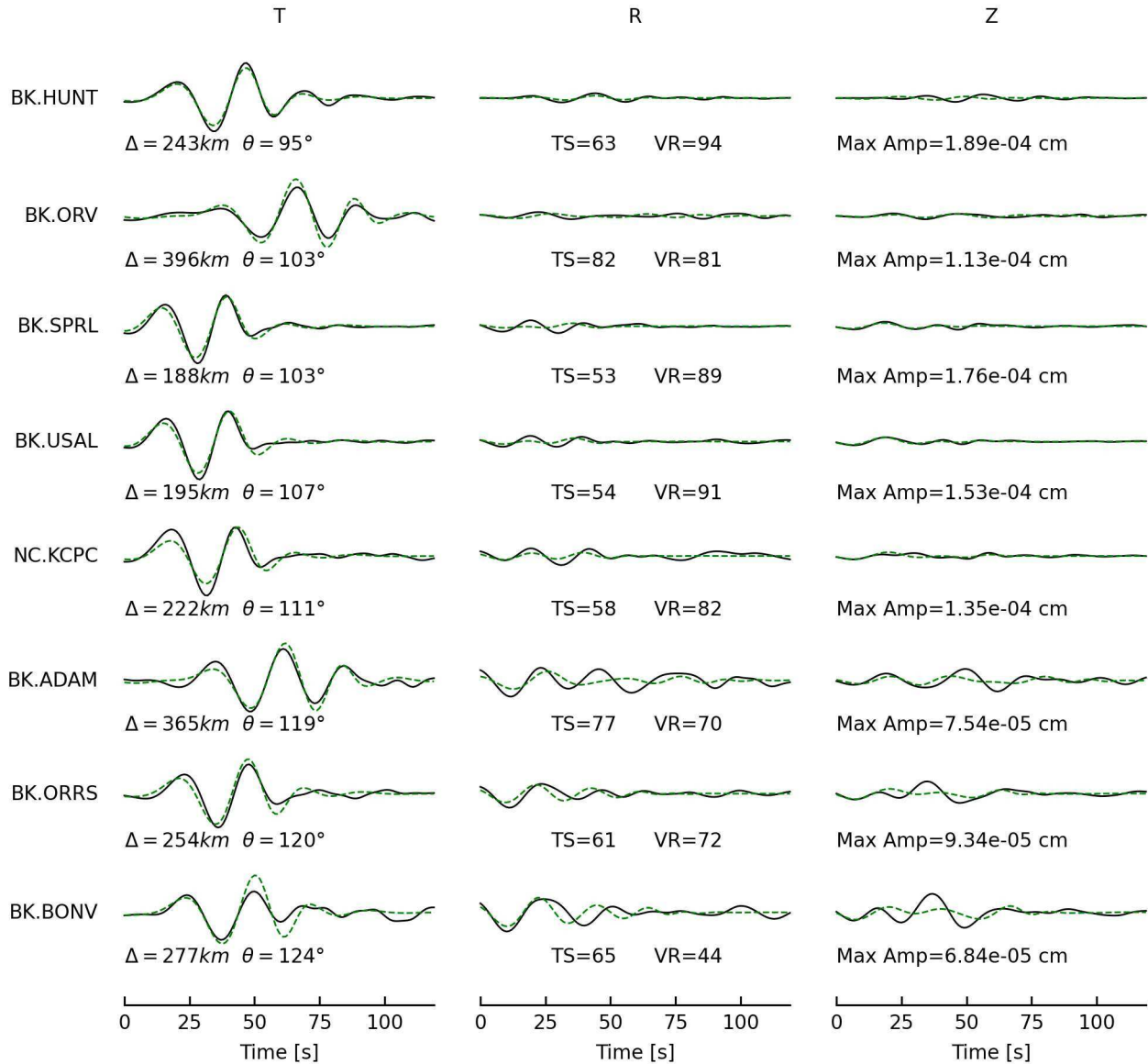
npts = 120 vred = 7.692 km/s

VR = 58.55% lune:-6,0

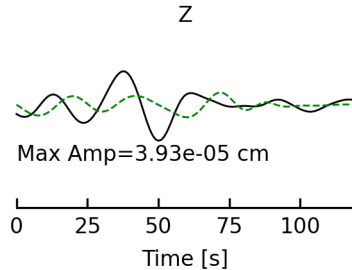
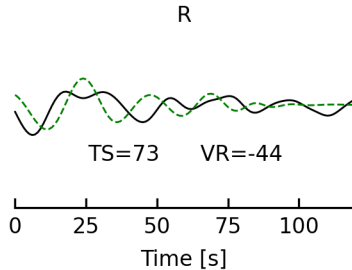
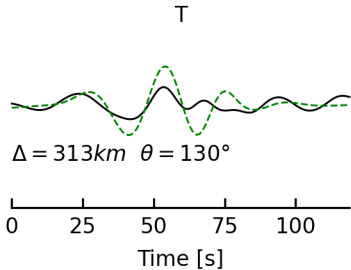








BK.HRCH



# Deviatoric Moment Tensor Inversion

Evid = 75094936

Depth = 13.0 km

Mw = 4.21

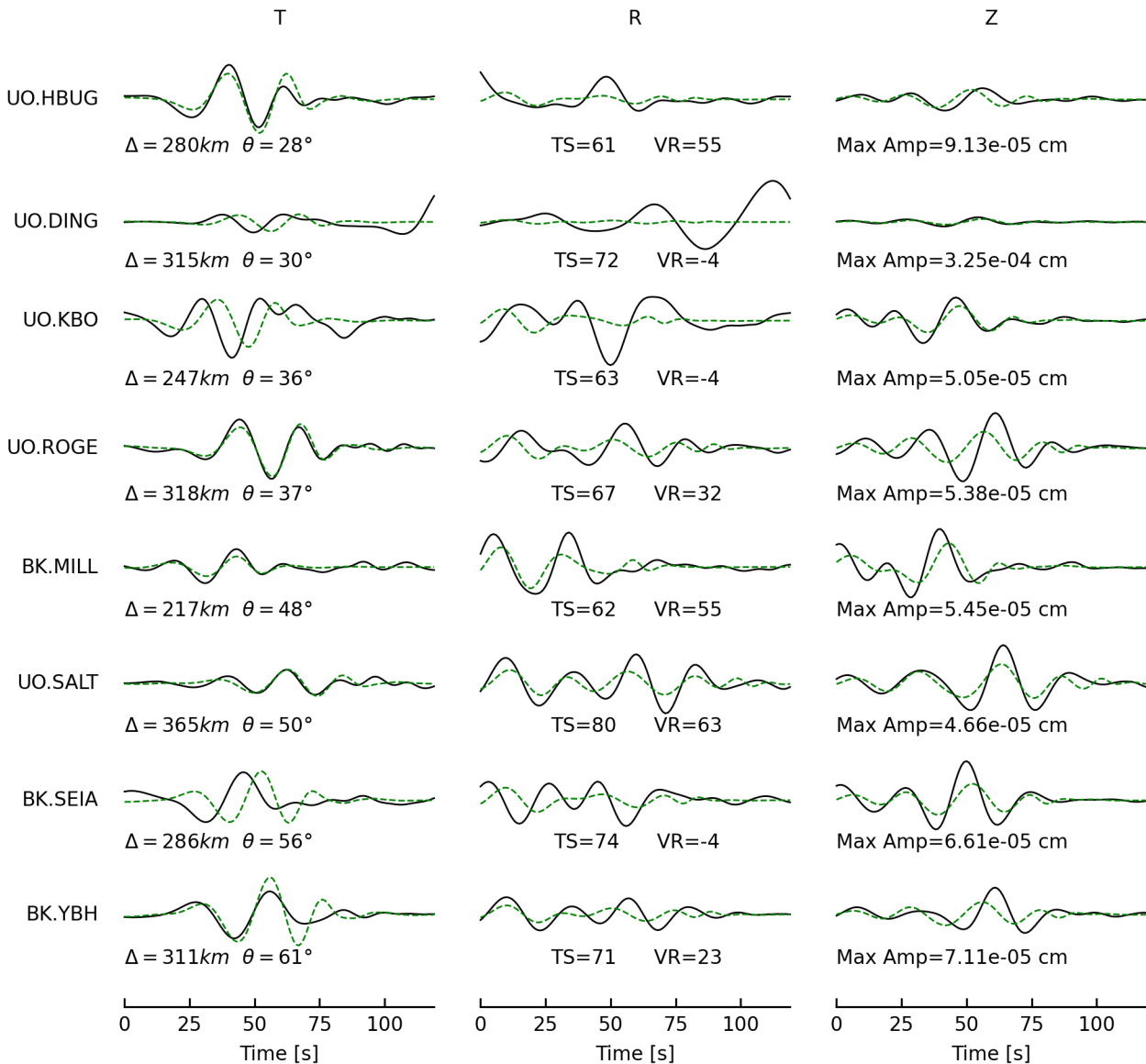
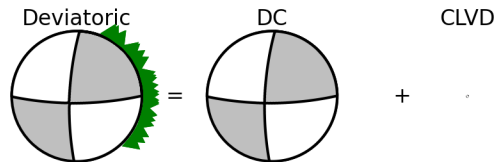
M0 = 2.61e+22 dyne-cm

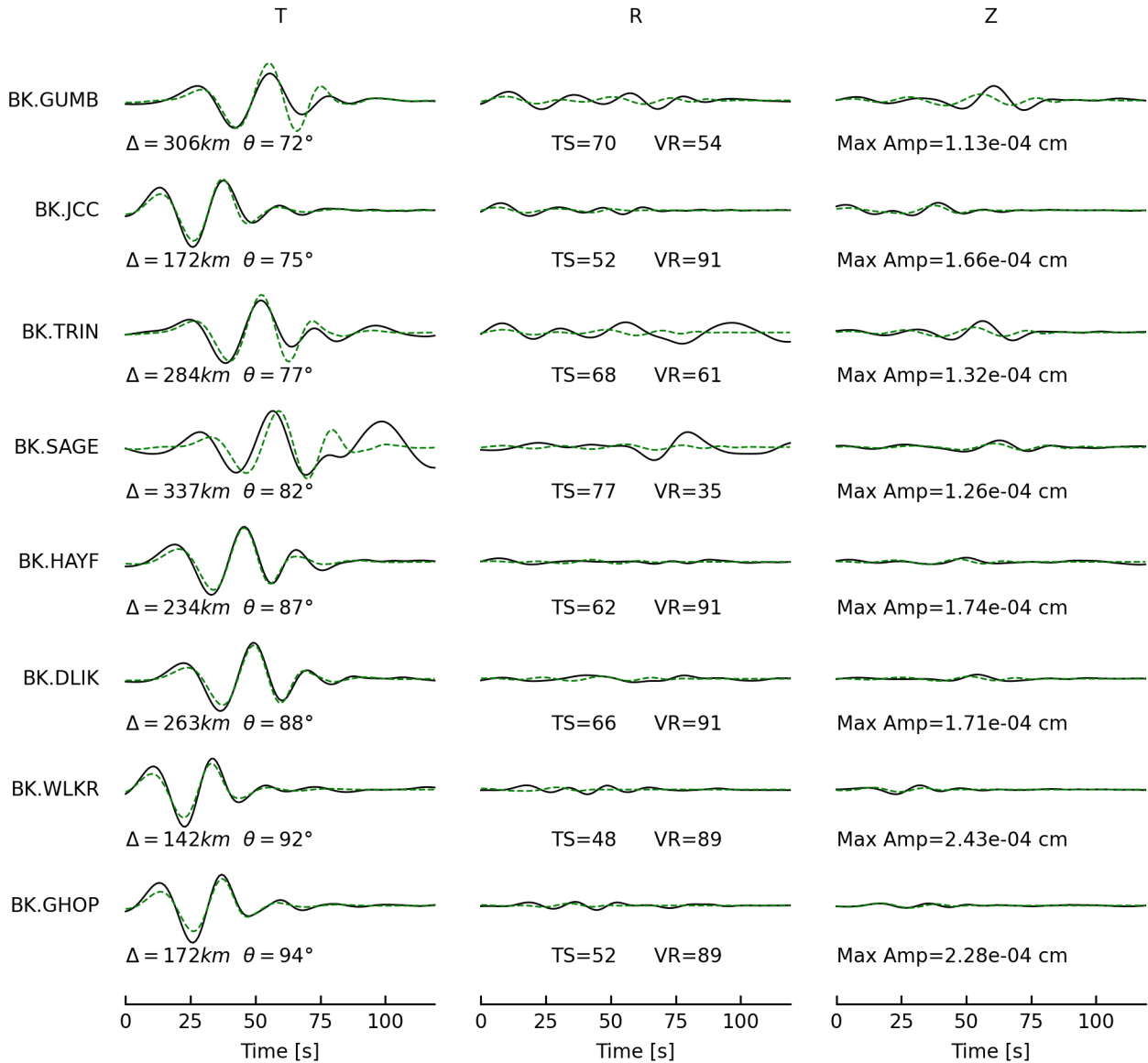
Percent DC/CLVD/ISO = 100/0/0

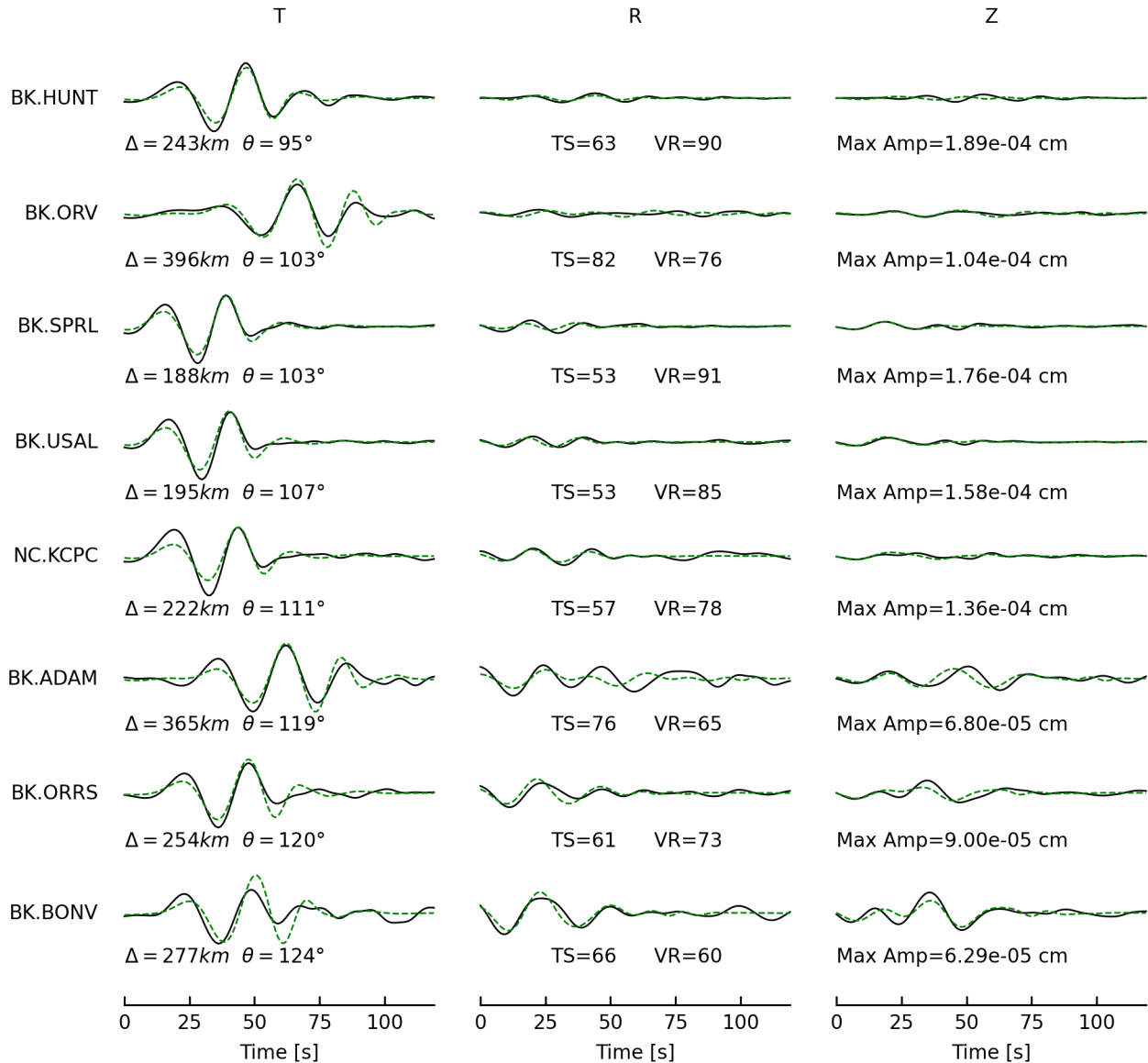
sdr = (90,78,167) (182,77,12)

npts = 120 vred = 7.692 km/s

VR = 49.89% lune:0,0

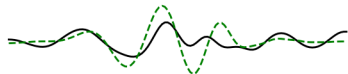




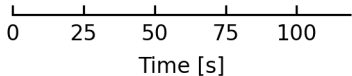


BK.HRCH

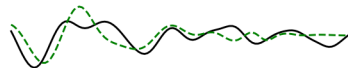
T



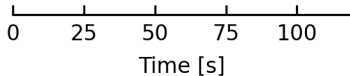
$\Delta = 313km$   $\theta = 130^\circ$



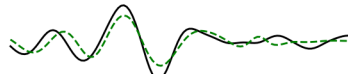
R



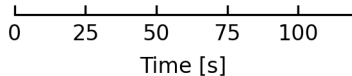
TS=71 VR=35



Z



Max Amp=3.43e-05 cm



# Deviatoric Moment Tensor Inversion

Evid = 75094976

Depth = 27.0 km

Mw = 4.20

M0 = 2.52e+22 dyne-cm

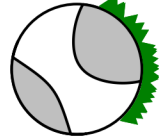
Percent DC/CLVD/ISO = 35/65/0

sdr = (96,74,165) (190,76,17)

npts = 120 vred = 7.692 km/s

VR = 67.31% lune:-18,0

Deviatoric



DC

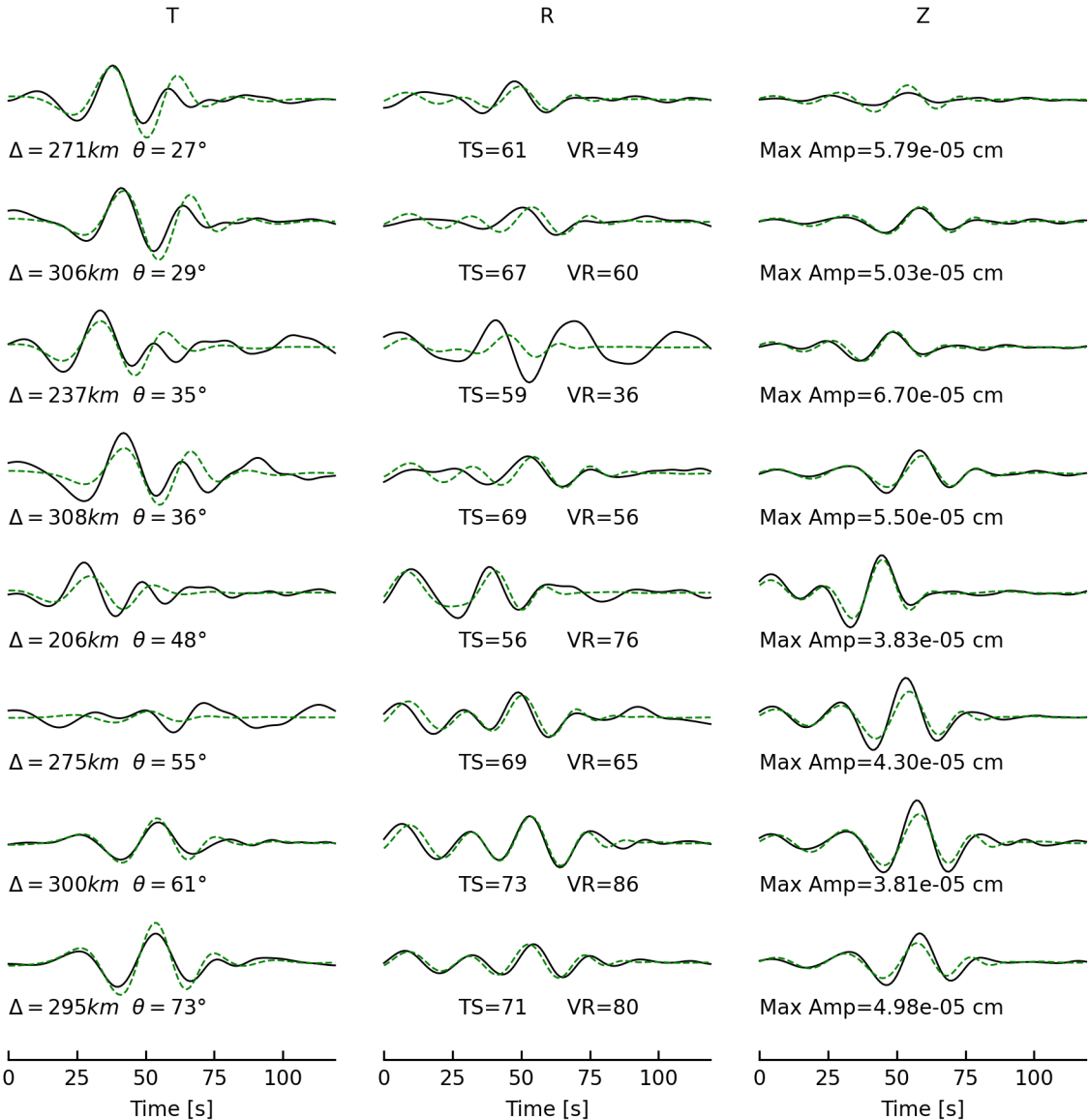


+

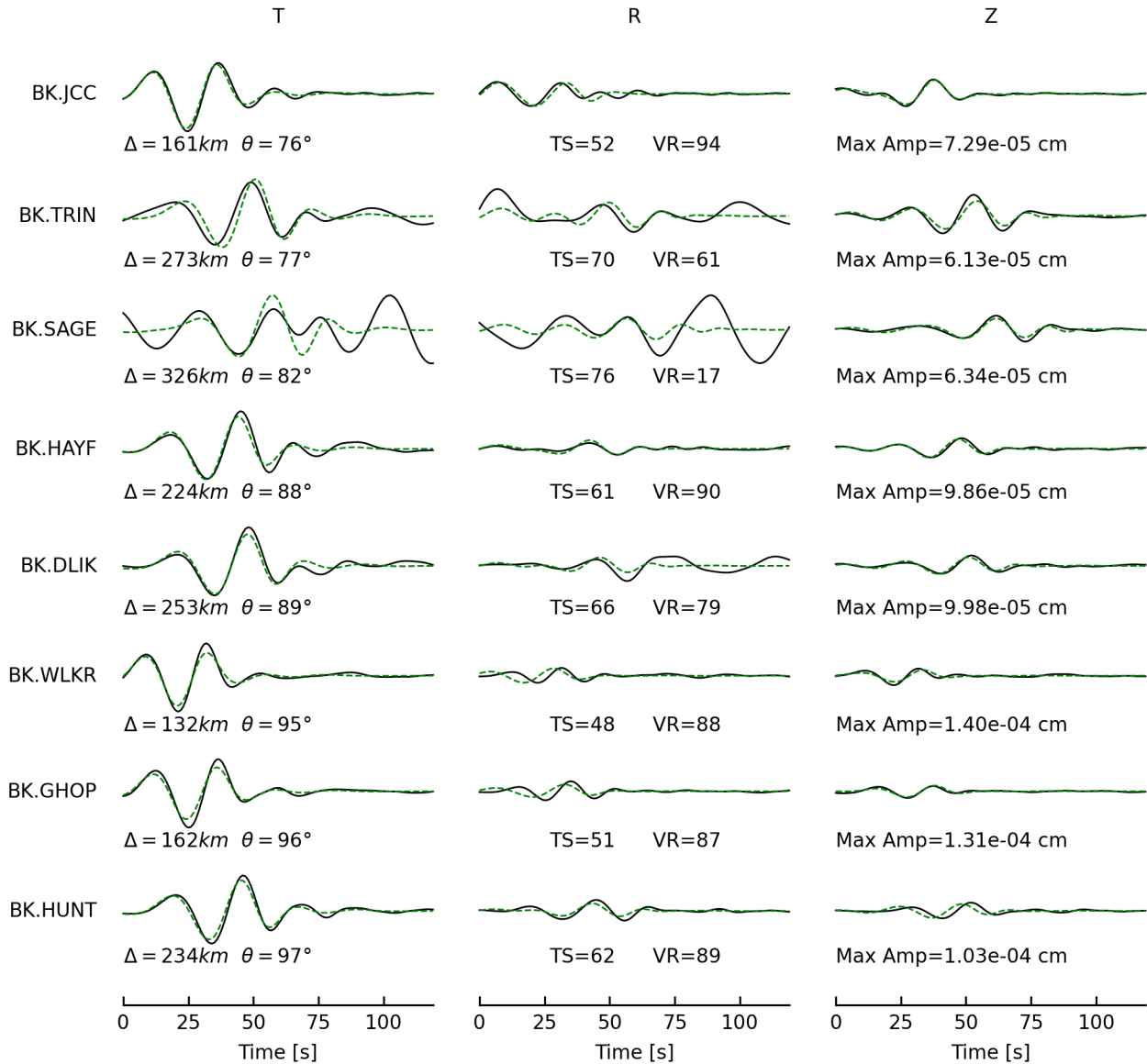
CLVD

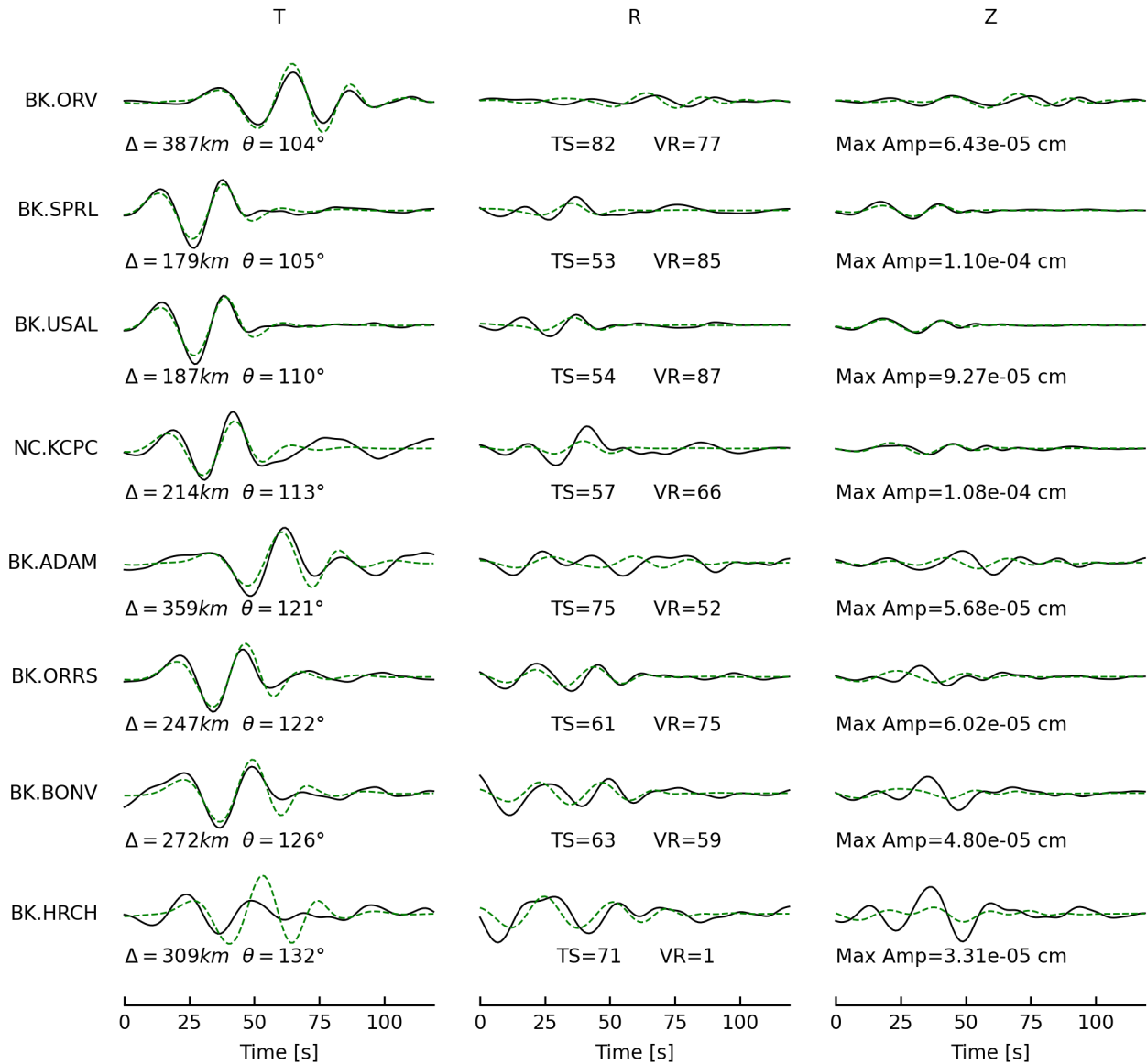


=









# Deviatoric Moment Tensor Inversion

Evid = 75094976

Depth = 11.0 km

Mw = 4.06

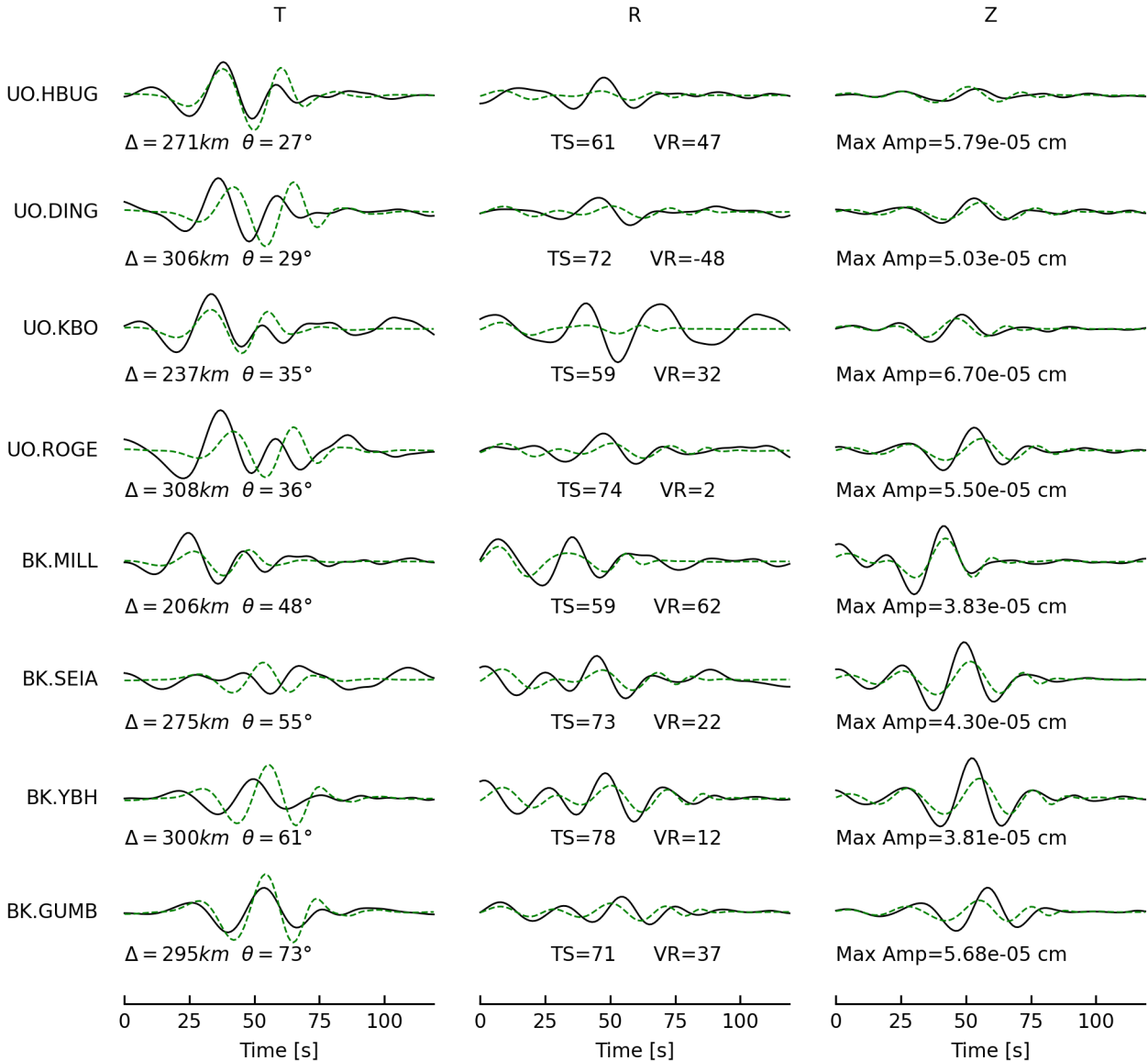
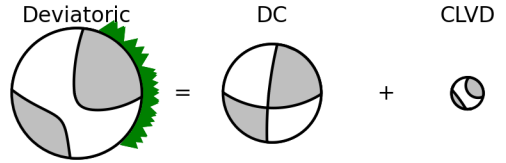
M0 = 1.52e+22 dyne-cm

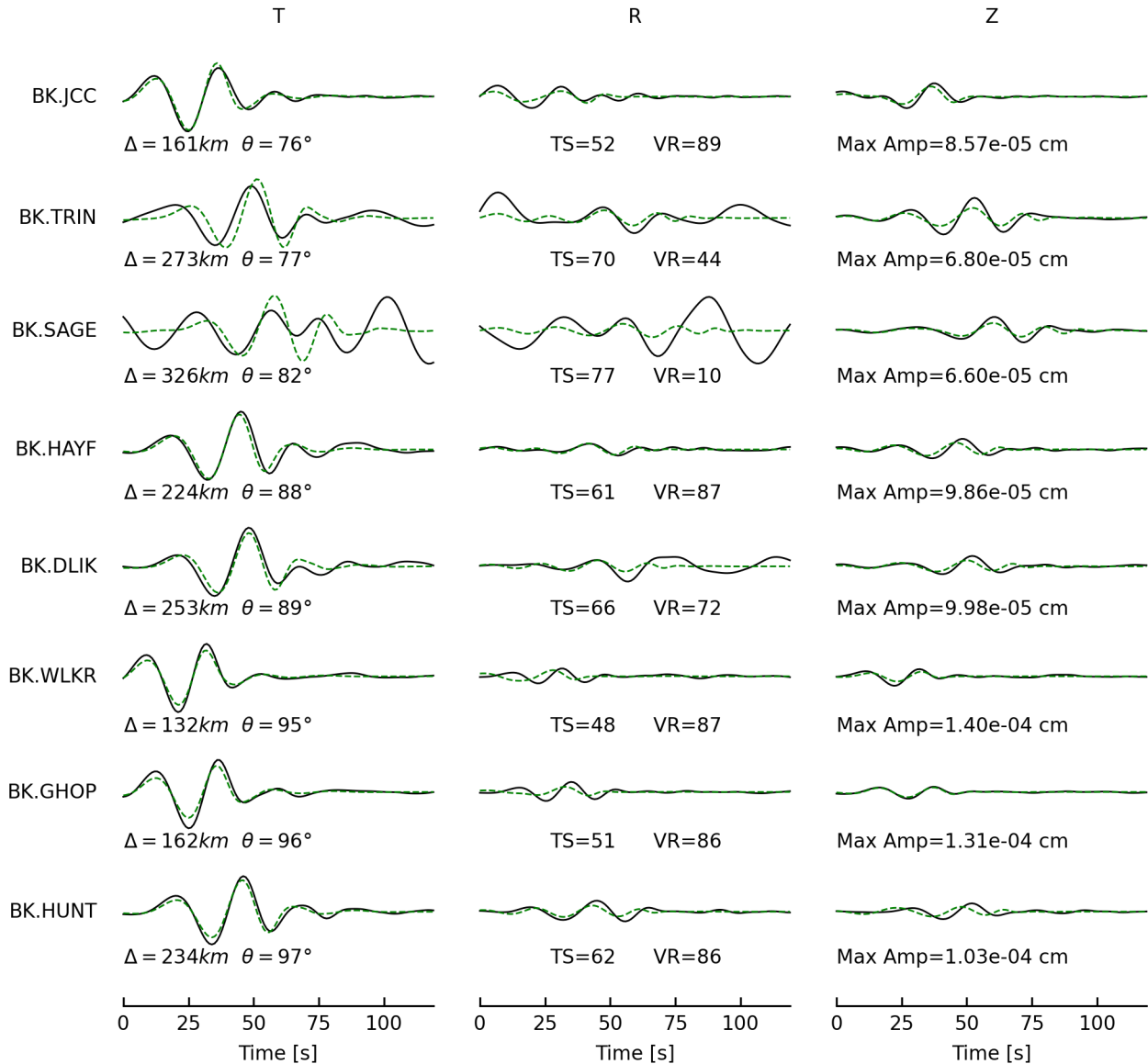
Percent DC/CLVD/ISO = 75/25/0

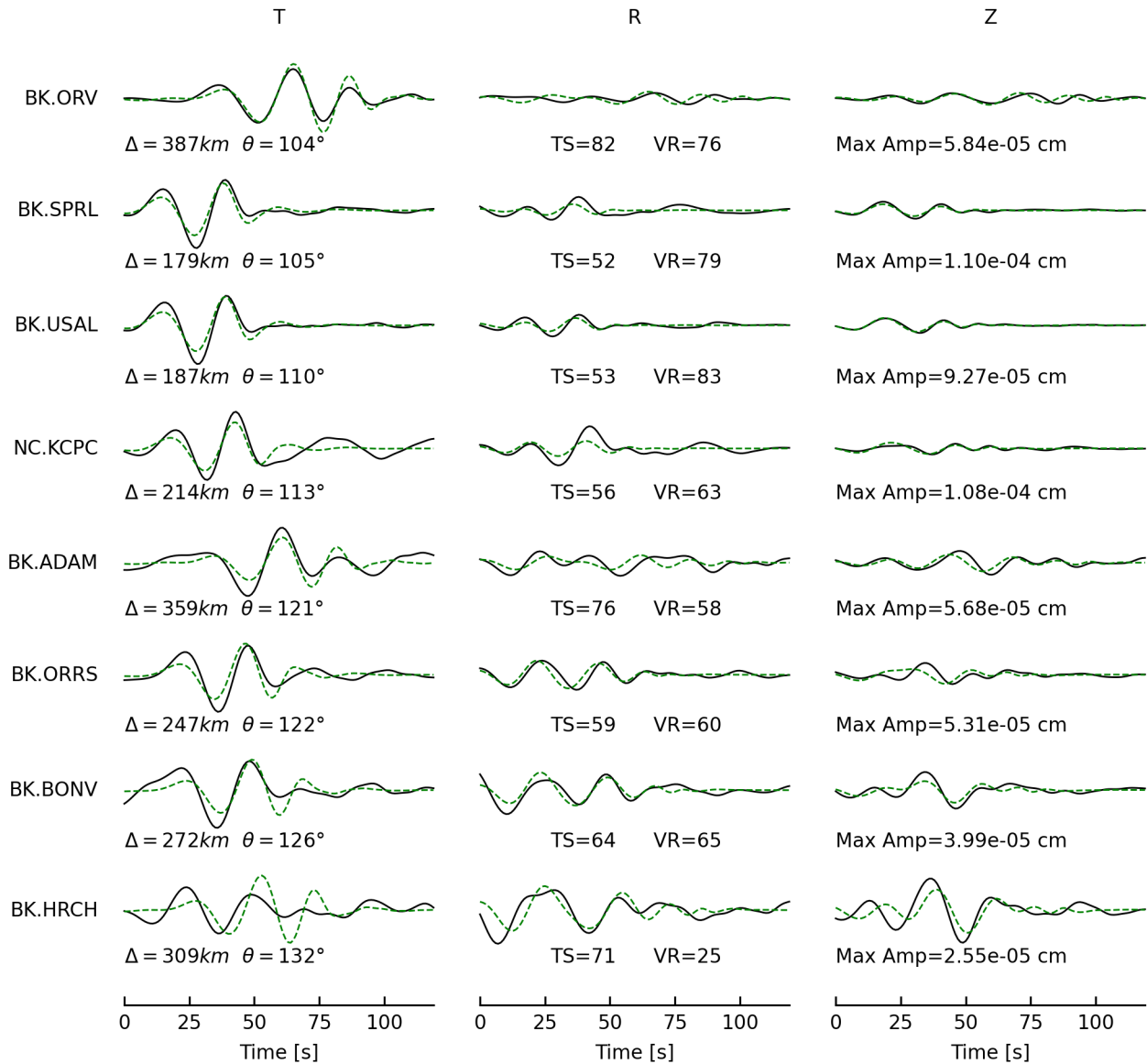
sdr = (91,57,171) (186,82,34)

npts = 120 vred = 7.692 km/s

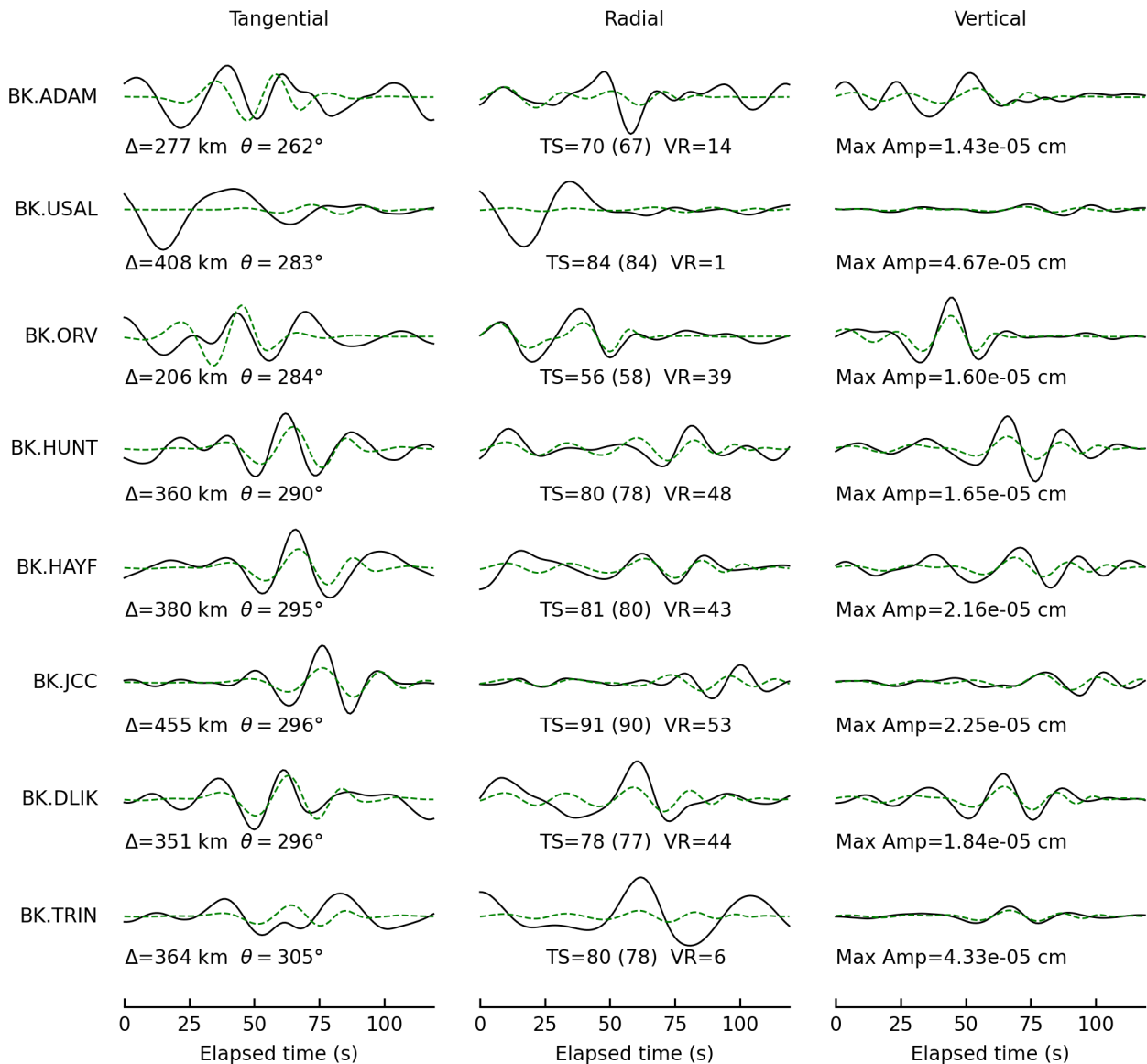
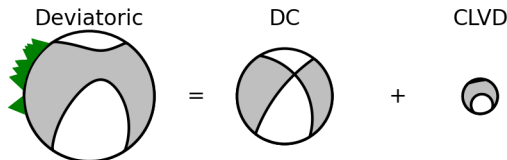
VR = 57.06% lune:-6,0







Deviatoric Moment Tensor Inversion  
 Evid = 75095151  
 Depth = 16.0 km  
 Mw = 3.71  
 M0 = 4.60e+21 dyne-cm  
 Percent DC/CLVD/ISO = 73/27/0  
 sdr = (218,73,-51) (328,42,-153)  
 npts = 120 vred = 7.692 km/s  
 VR = 5.15% lune:7,0

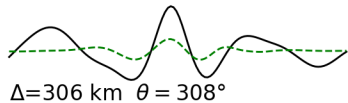


Tangential

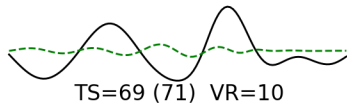
Radial

Vertical

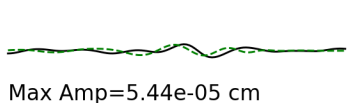
BK.SAGE



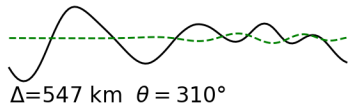
TS=69 (71) VR=10



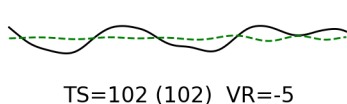
Max Amp=5.44e-05 cm



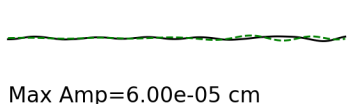
UO.KBO



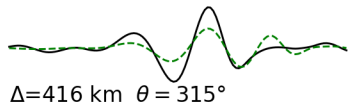
TS=102 (102) VR=-5



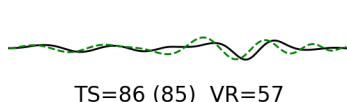
Max Amp=6.00e-05 cm



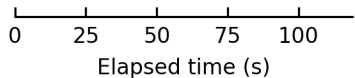
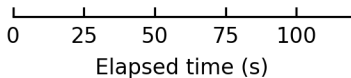
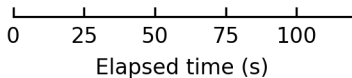
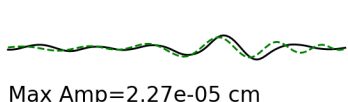
BK.YBH



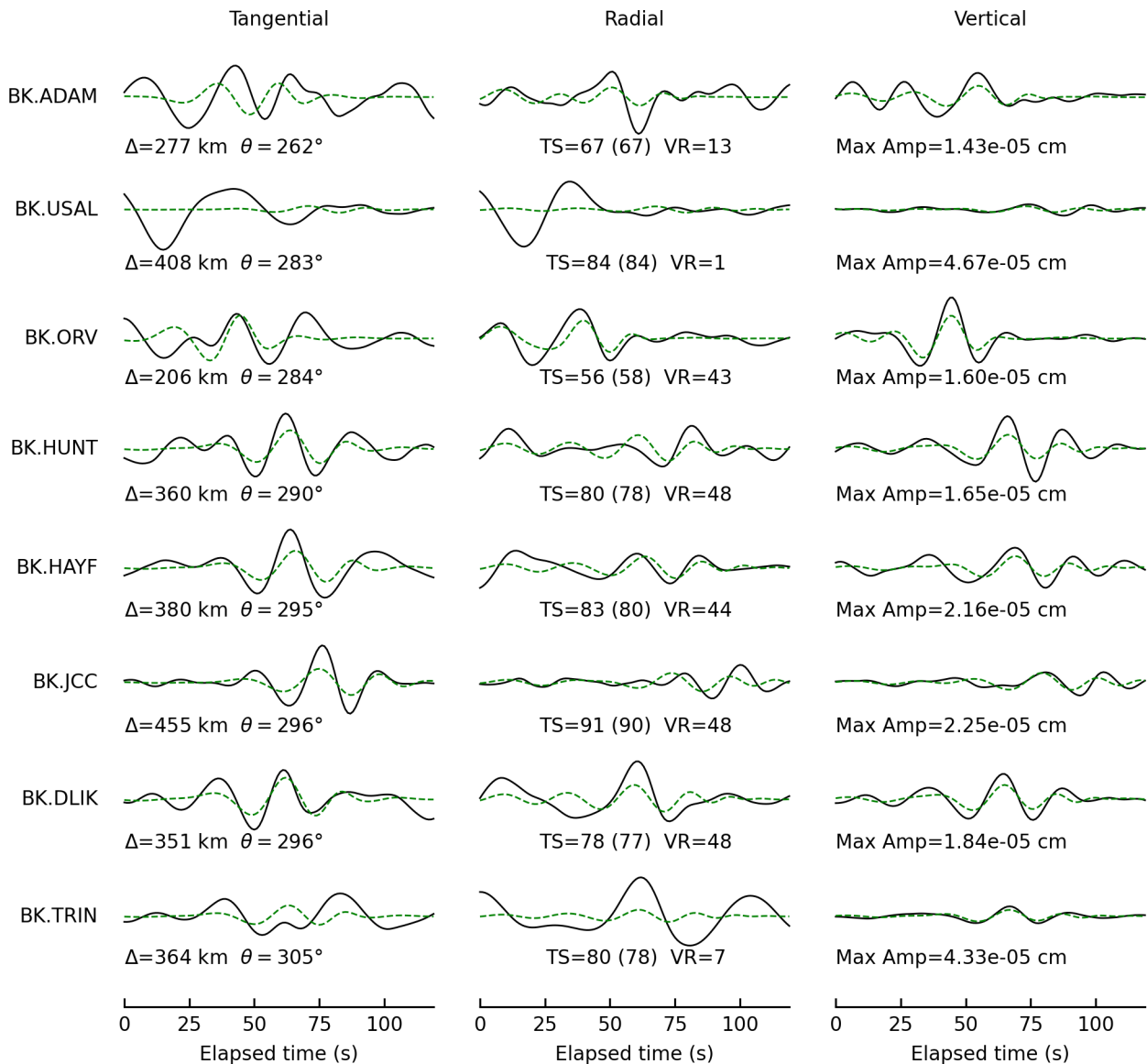
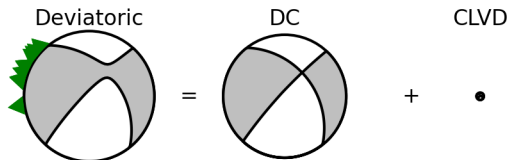
TS=86 (85) VR=57



Max Amp=2.27e-05 cm



Deviatoric Moment Tensor Inversion  
 Evid = 75095151  
 Depth = 26.0 km  
 Mw = 3.81  
 M0 = 6.45e+21 dyne-cm  
 Percent DC/CLVD/ISO = 94/6/0  
 sdr = (223,82,-51) (322,40,-168)  
 npts = 120 vred = 7.692 km/s  
 VR = 4.93% lune:1,0



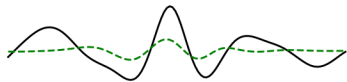
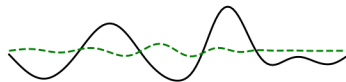


Tangential

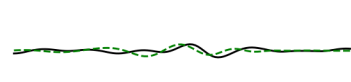
Radial

Vertical

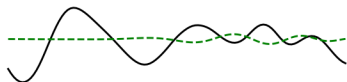
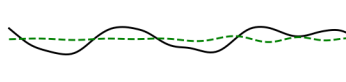
BK.SAGE

 $\Delta=306$  km  $\theta=308^\circ$ 

TS=69 (71) VR=9

Max Amp= $5.44e-05$  cm

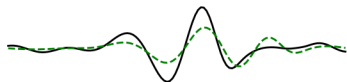
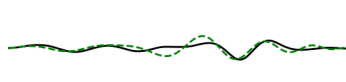
UO.KBO

 $\Delta=547$  km  $\theta=310^\circ$ 

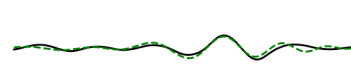
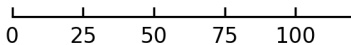
TS=102 (102) VR=-6

Max Amp= $6.00e-05$  cm

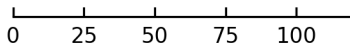
BK.YBH

 $\Delta=416$  km  $\theta=315^\circ$ 

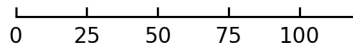
TS=88 (85) VR=65

Max Amp= $2.27e-05$  cm

Elapsed time (s)

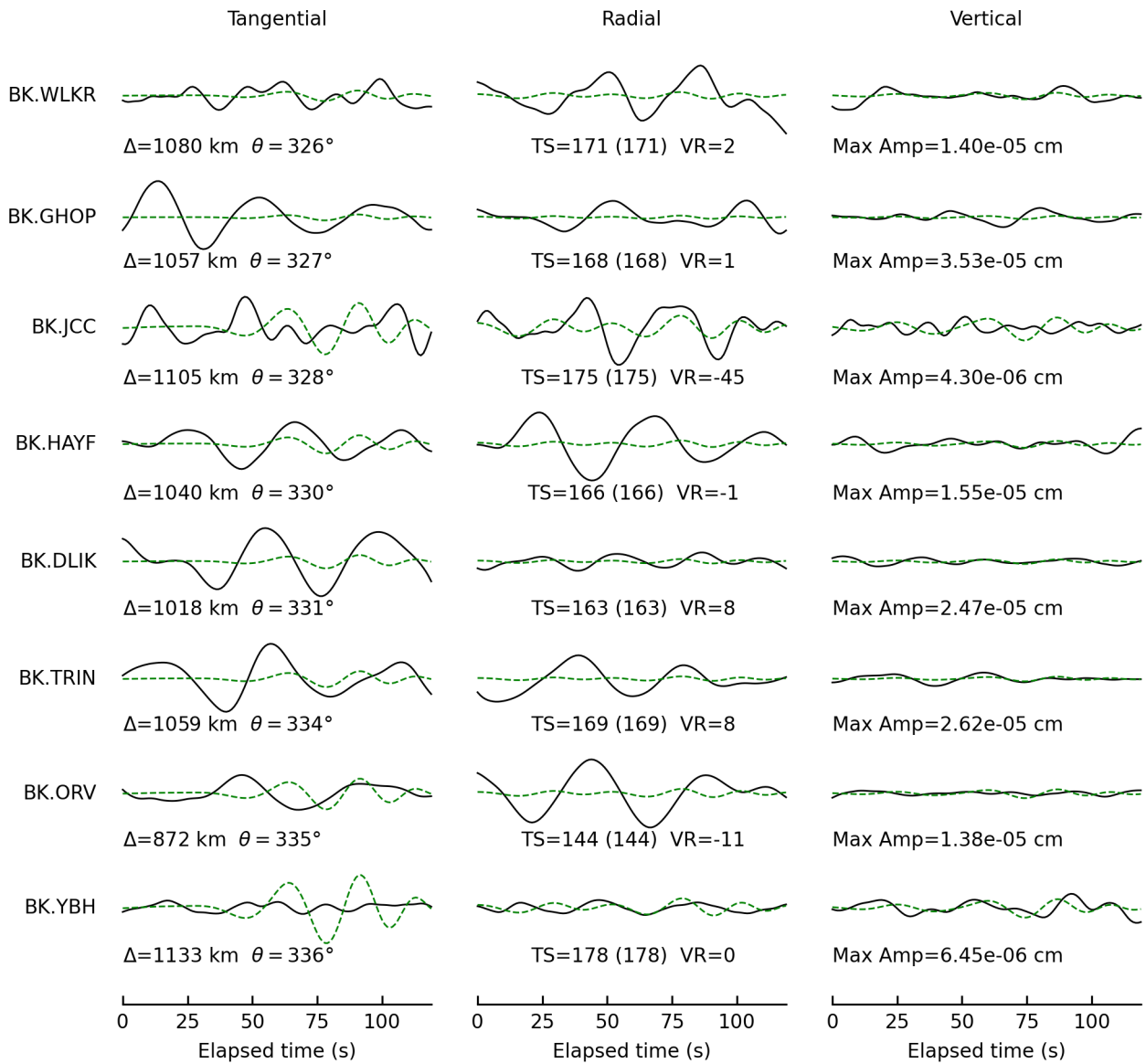
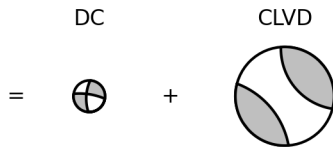
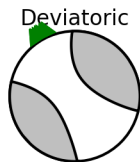


Elapsed time (s)



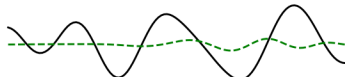
Elapsed time (s)

Deviatoric Moment Tensor Inversion  
 Evid = 75095621  
 Depth = 39.0 km  
 Mw = 3.89  
 M0 = 8.37e+21 dyne-cm  
 Percent DC/CLVD/ISO = 24/76/0  
 sdr = (279,76,-158) (183,69,-15)  
 npts = 120 vred = 7.692 km/s  
 VR = 2.80% lune:-22,0

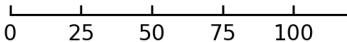


Tangential

BK.SAGE



$\Delta=1015$  km  $\theta = 336^\circ$

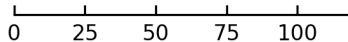


Elapsed time (s)

Radial



TS=163 (163) VR=4

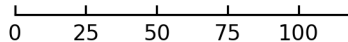


Elapsed time (s)

Vertical

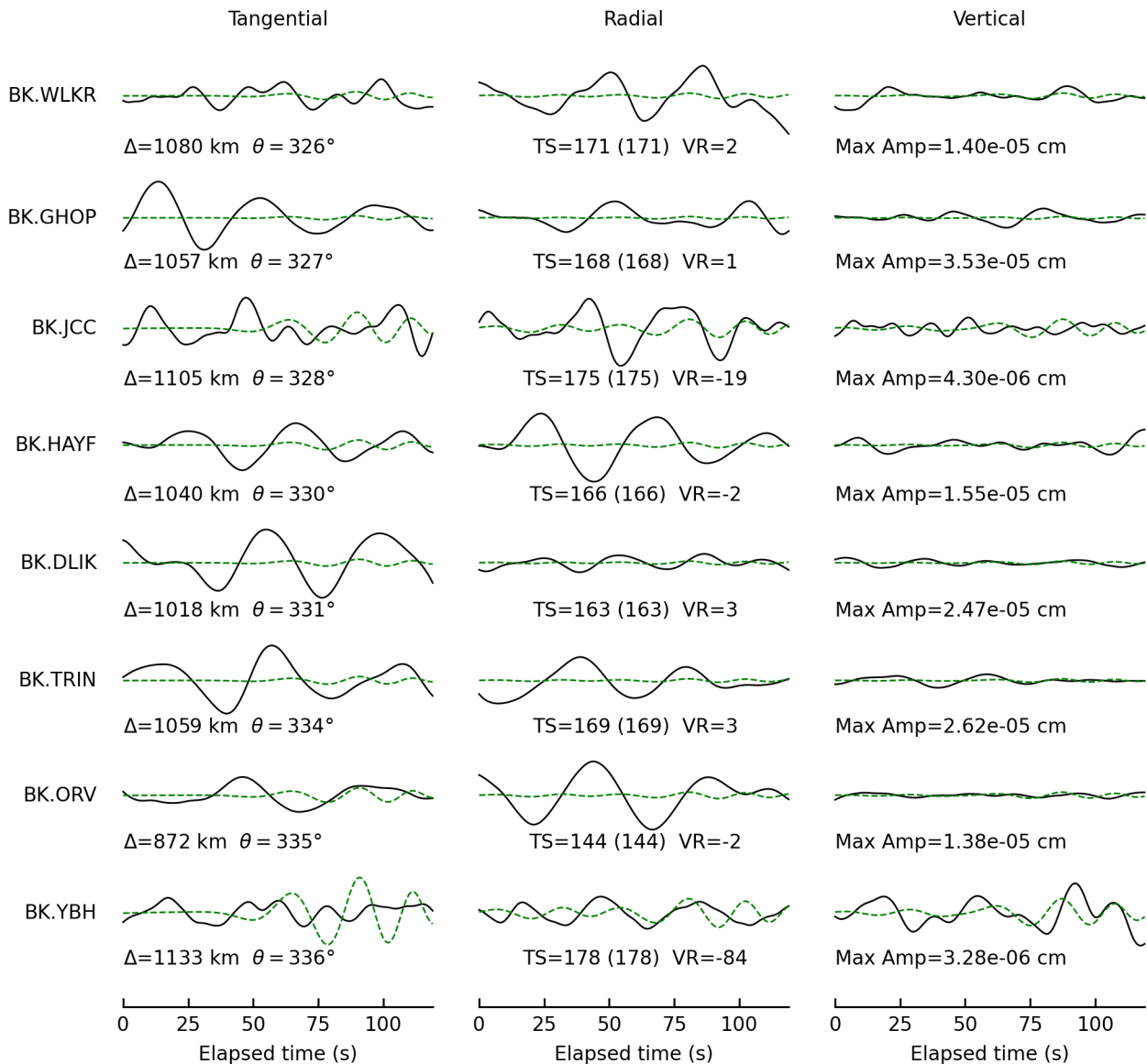
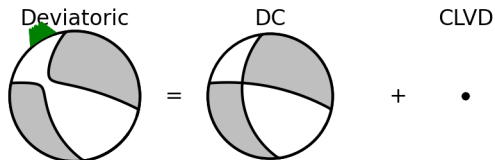


Max Amp=4.51e-05 cm



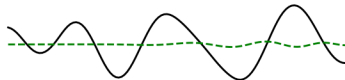
Elapsed time (s)

Deviatoric Moment Tensor Inversion  
 Evid = 75095621  
 Depth = 11.0 km  
 Mw = 3.47  
 M0 = 1.98e+21 dyne-cm  
 Percent DC/CLVD/ISO = 96/4/0  
 sdr = (172,42,-26) (282,73,-129)  
 npts = 120 vred = 7.692 km/s  
 VR = 0.89% lune:-1,0

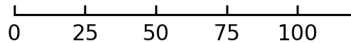


Tangential

BK.SAGE



$\Delta=1015$  km  $\theta = 336^\circ$

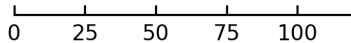


Elapsed time (s)

Radial



TS=163 (163) VR=1

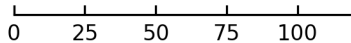


Elapsed time (s)

Vertical



Max Amp=4.51e-05 cm



Elapsed time (s)

# Deviatoric Moment Tensor Inversion

Evid = 75095671

Depth = 24.0 km

Mw = 5.53

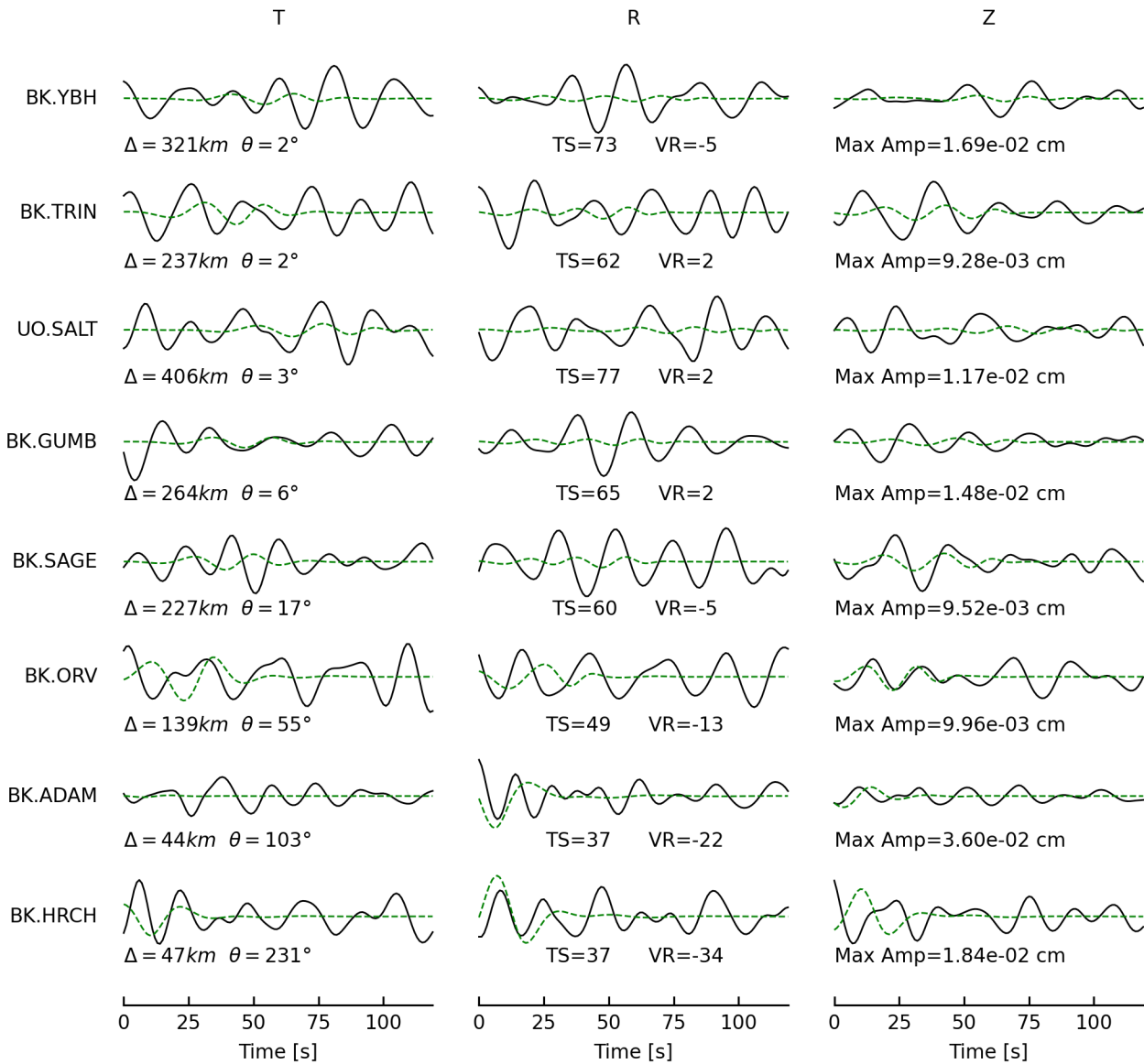
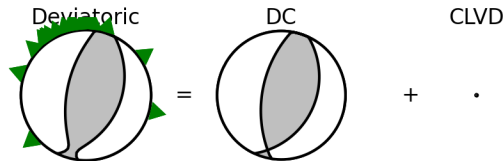
M0 = 2.47e+24 dyne-cm

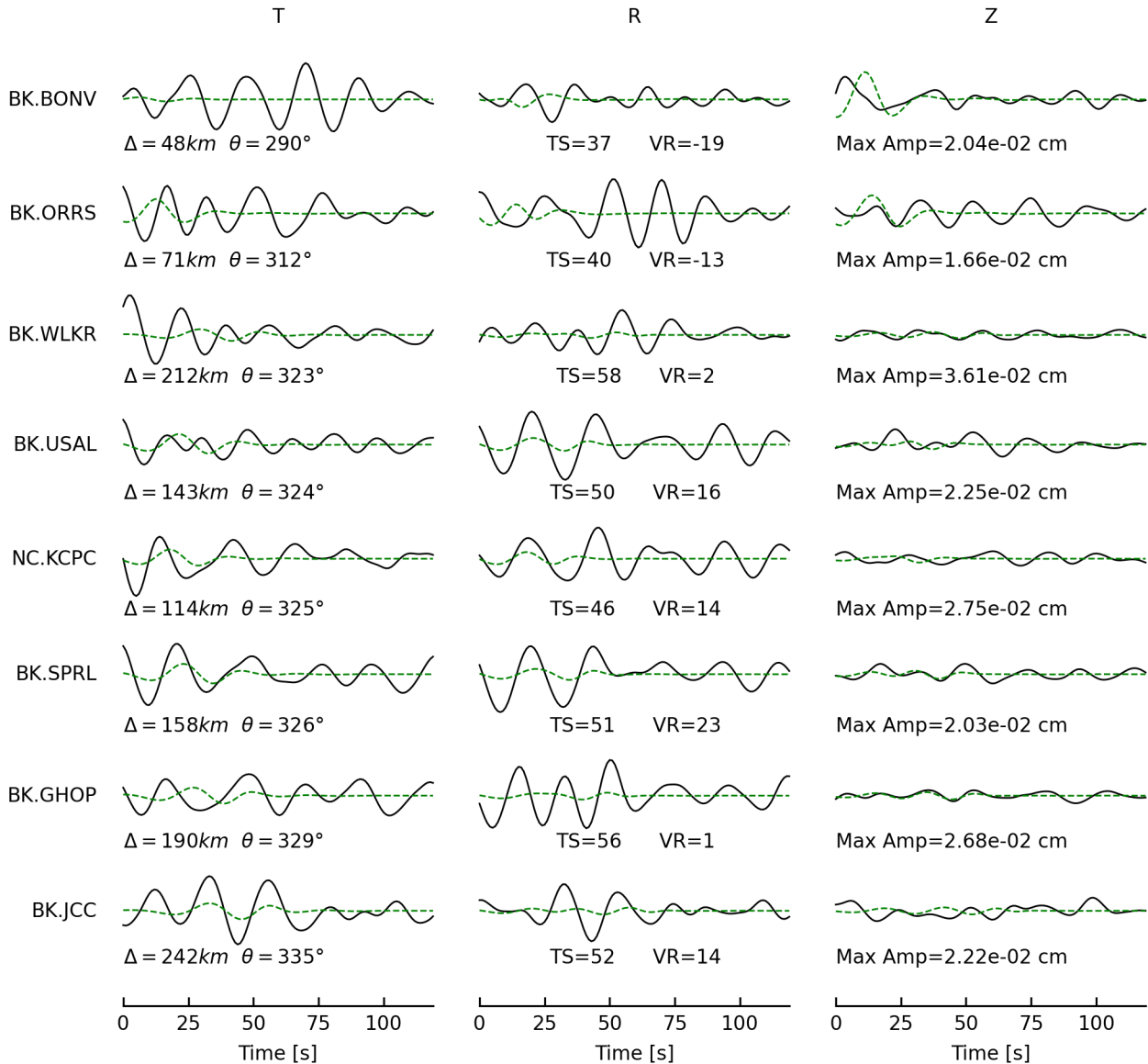
Percent DC/CLVD/ISO = 99/1/0

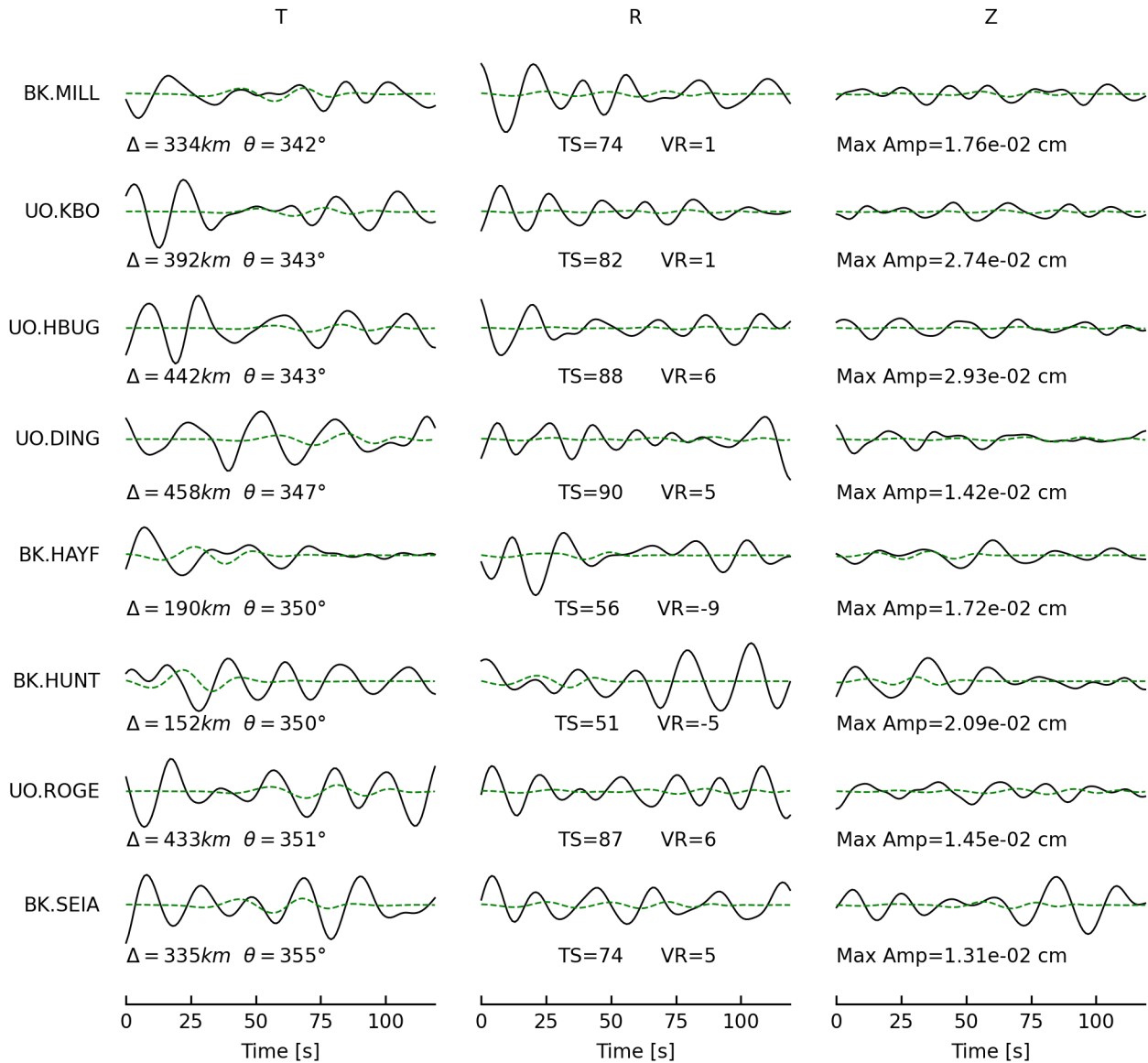
sdr = (189,57,81) (25,34,103)

npts = 120 vred = 7.692 km/s

VR = 3.33% lune:0,0







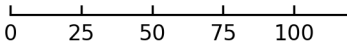


BK.DLIK

T

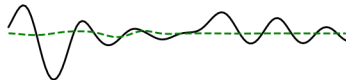


$\Delta = 179km$   $\theta = 358^\circ$

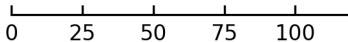


Time [s]

R



TS=54 VR=-0

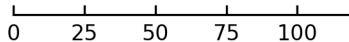


Time [s]

Z



Max Amp=1.93e-02 cm



Time [s]

# Deviatoric Moment Tensor Inversion

Evid = 75095671

Depth = 28.0 km

Mw = 5.58

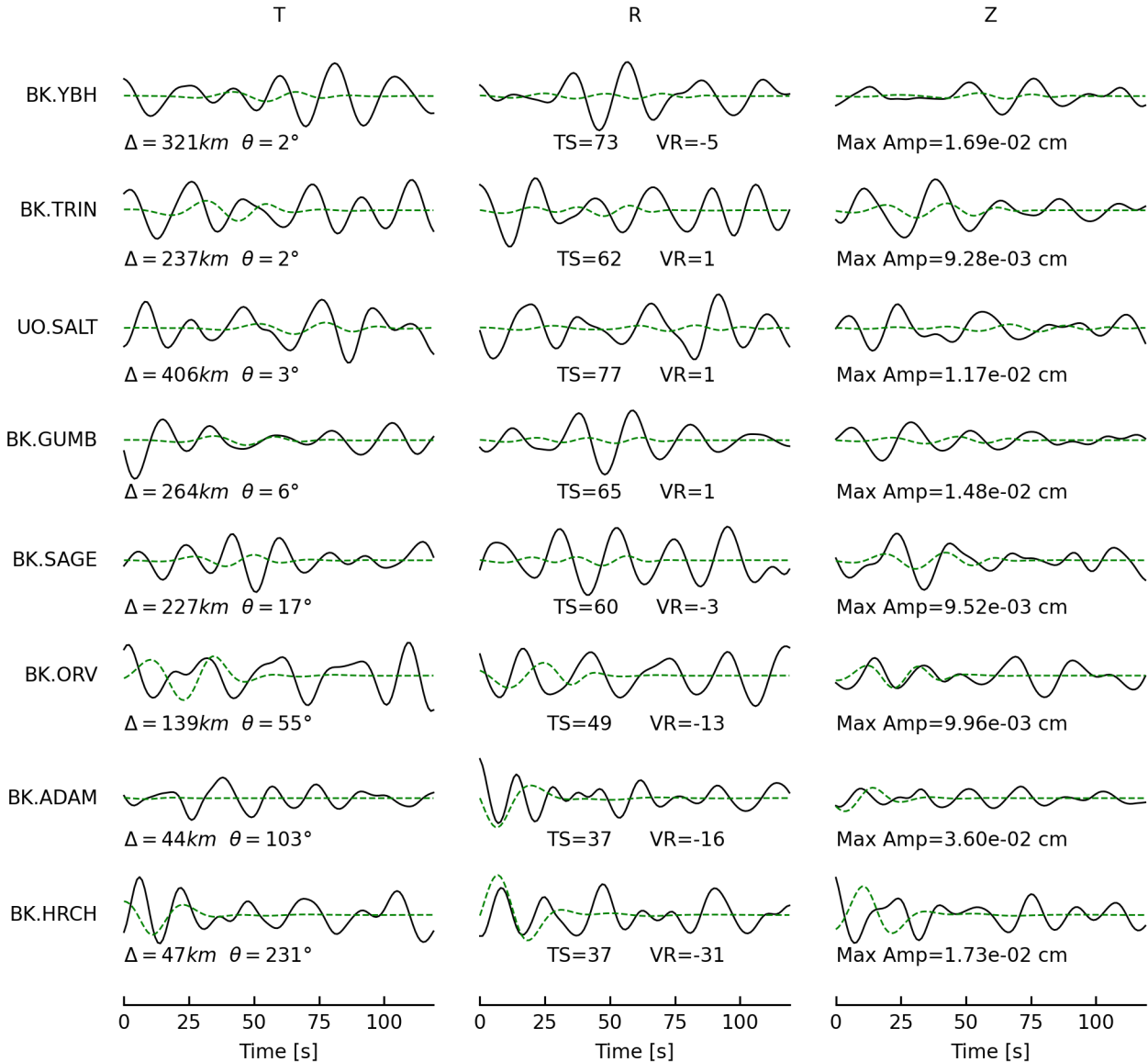
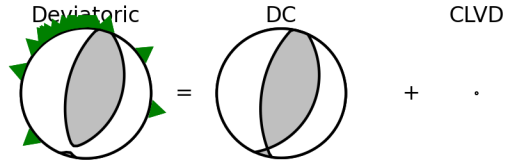
M0 = 2.94e+24 dyne-cm

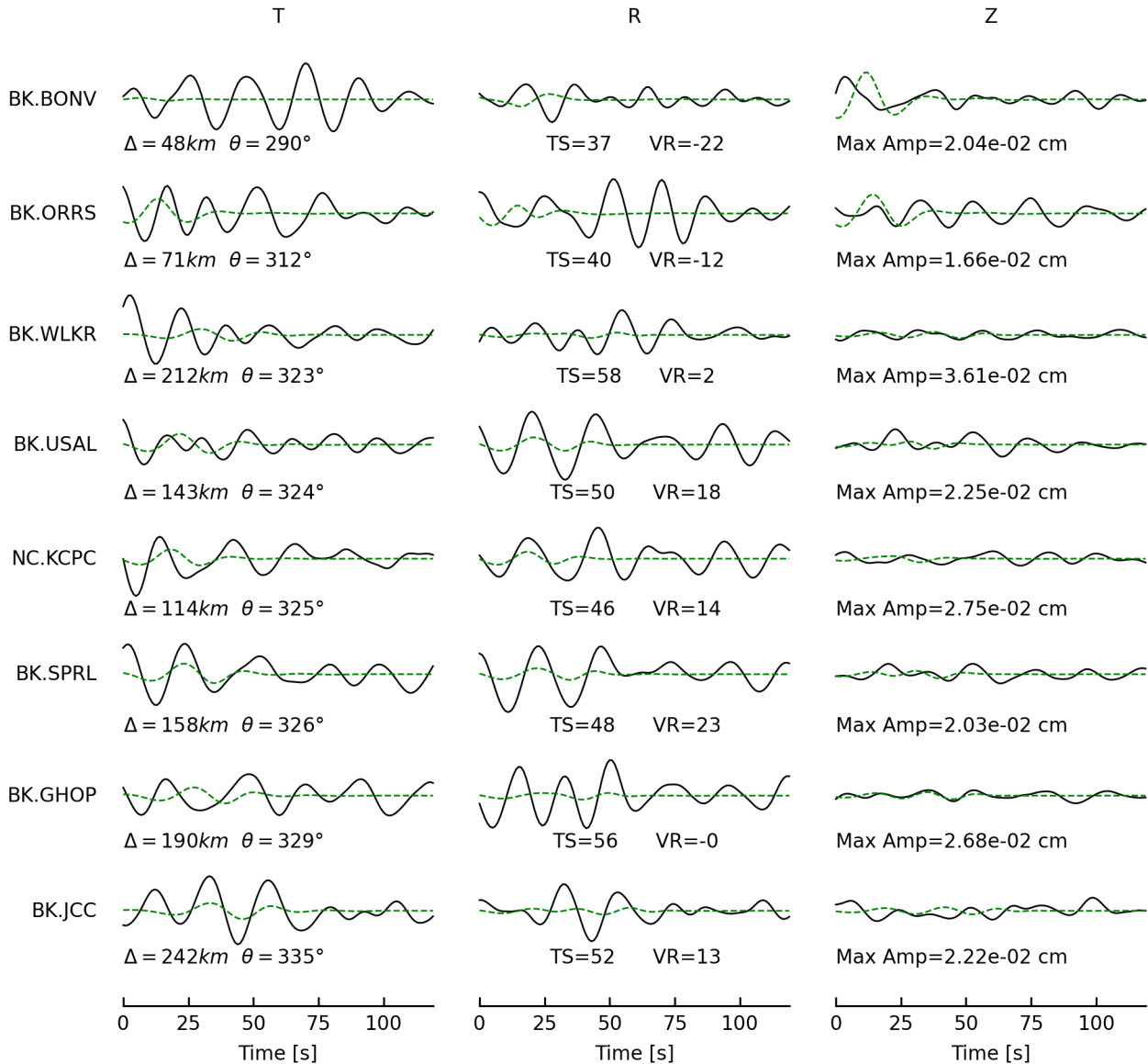
Percent DC/CLVD/ISO = 99/1/0

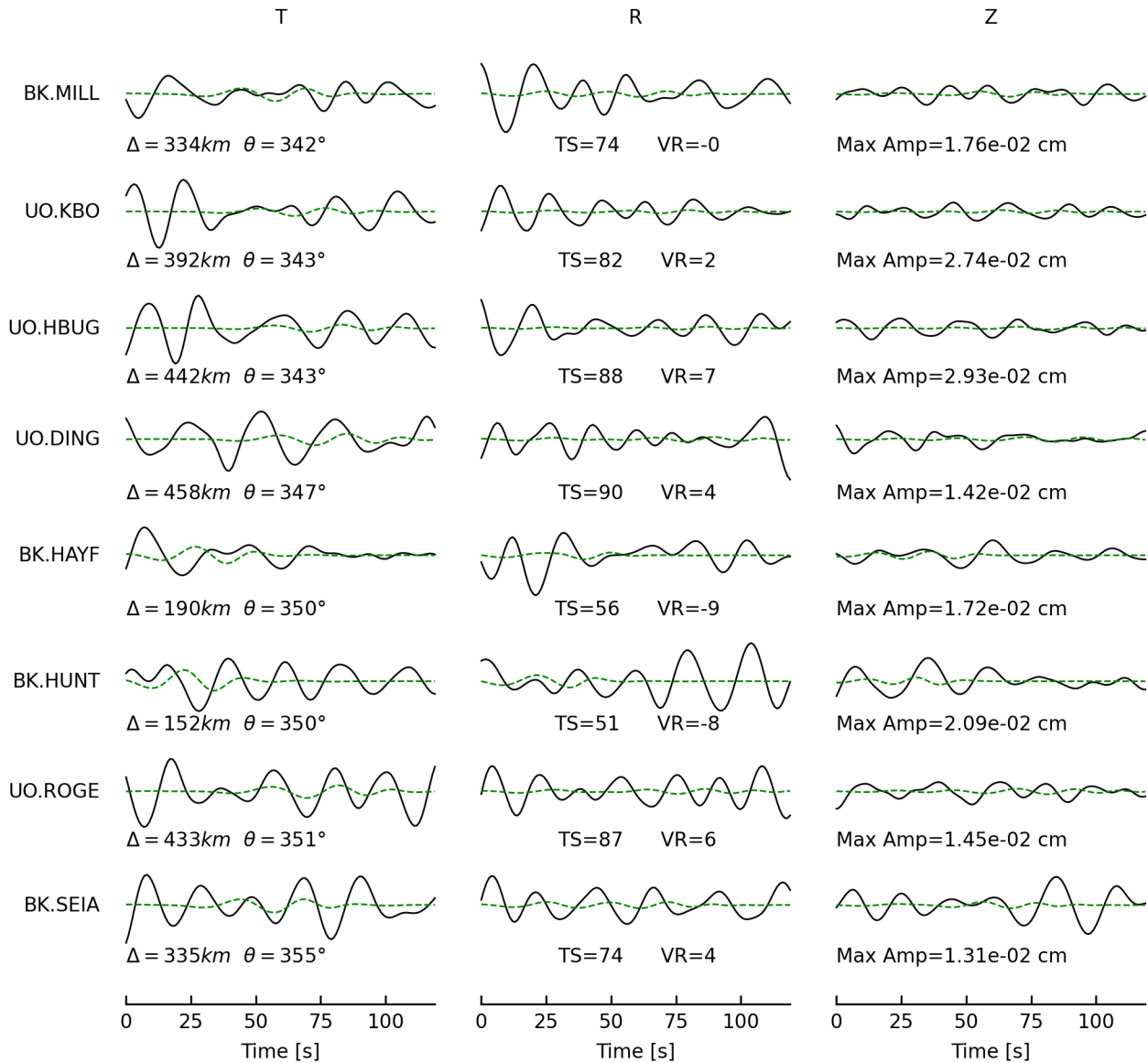
sdr = (189,56,82) (24,34,102)

npts = 120 vred = 7.692 km/s

VR = 3.20% lune:0,0





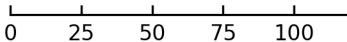


BK.DLIK

T

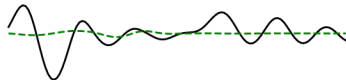


$\Delta = 179km$   $\theta = 358^\circ$

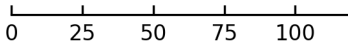


Time [s]

R



TS=54 VR=-1

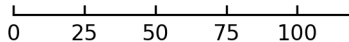


Time [s]

Z



Max Amp=1.93e-02 cm



Time [s]

# Deviatoric Moment Tensor Inversion

Evid = 75095856

Depth = 1.0 km

Mw = 5.22

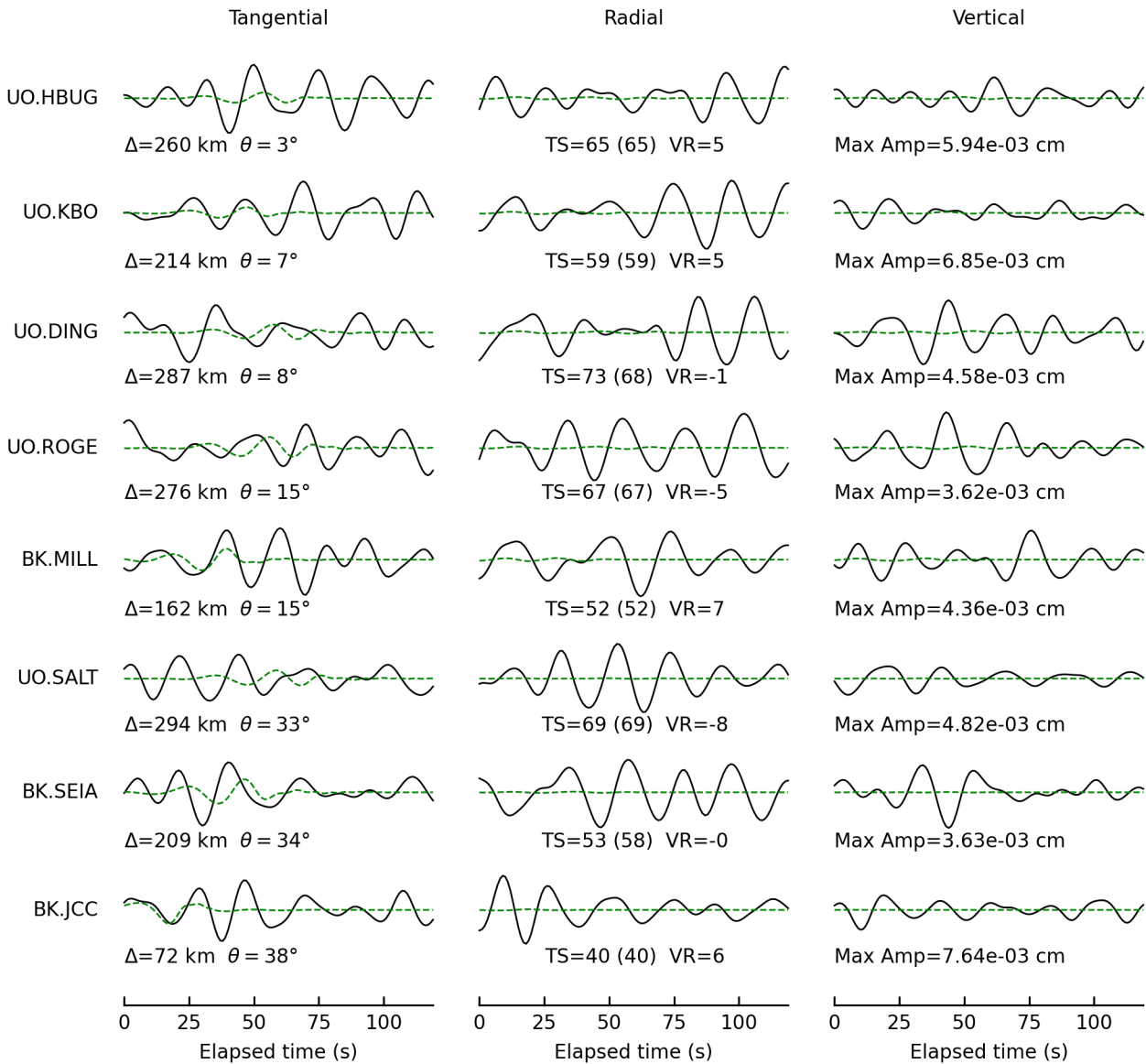
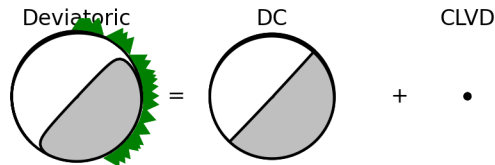
M0 = 8.38e+23 dyne-cm

Percent DC/CLVD/ISO = 96/4/0

sdr = (278,2,-36) (43,89,-92)

npts = 120 vred = 7.692 km/s

VR = 1.03% lune:-1,0



Tangential

Radial

Vertical

BK.YBH

 $\Delta=222$  km  $\theta=44^\circ$ 

TS=62 (60) VR=9

Max Amp= $3.65e-03$  cm

BK.GUMB

 $\Delta=200$  km  $\theta=59^\circ$ 

TS=57 (57) VR=7

Max Amp= $2.62e-03$  cm

BK.TRIN

 $\Delta=174$  km  $\theta=64^\circ$ 

TS=53 (53) VR=-2

Max Amp= $3.95e-03$  cm

BK.WLKR

 $\Delta=21$  km  $\theta=72^\circ$ 

TS=34 (34) VR=-1

Max Amp= $8.02e-03$  cm

BK.SAGE

 $\Delta=220$  km  $\theta=75^\circ$ 

TS=60 (60) VR=3

Max Amp= $4.94e-03$  cm

BK.HAYF

 $\Delta=115$  km  $\theta=77^\circ$ 

TS=46 (46) VR=-2

Max Amp= $3.89e-03$  cm

BK.DLIK

 $\Delta=142$  km  $\theta=83^\circ$ 

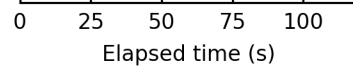
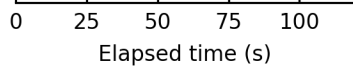
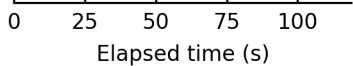
TS=49 (49) VR=-9

Max Amp= $4.32e-03$  cm

BK.GHOP

 $\Delta=49$  km  $\theta=90^\circ$ 

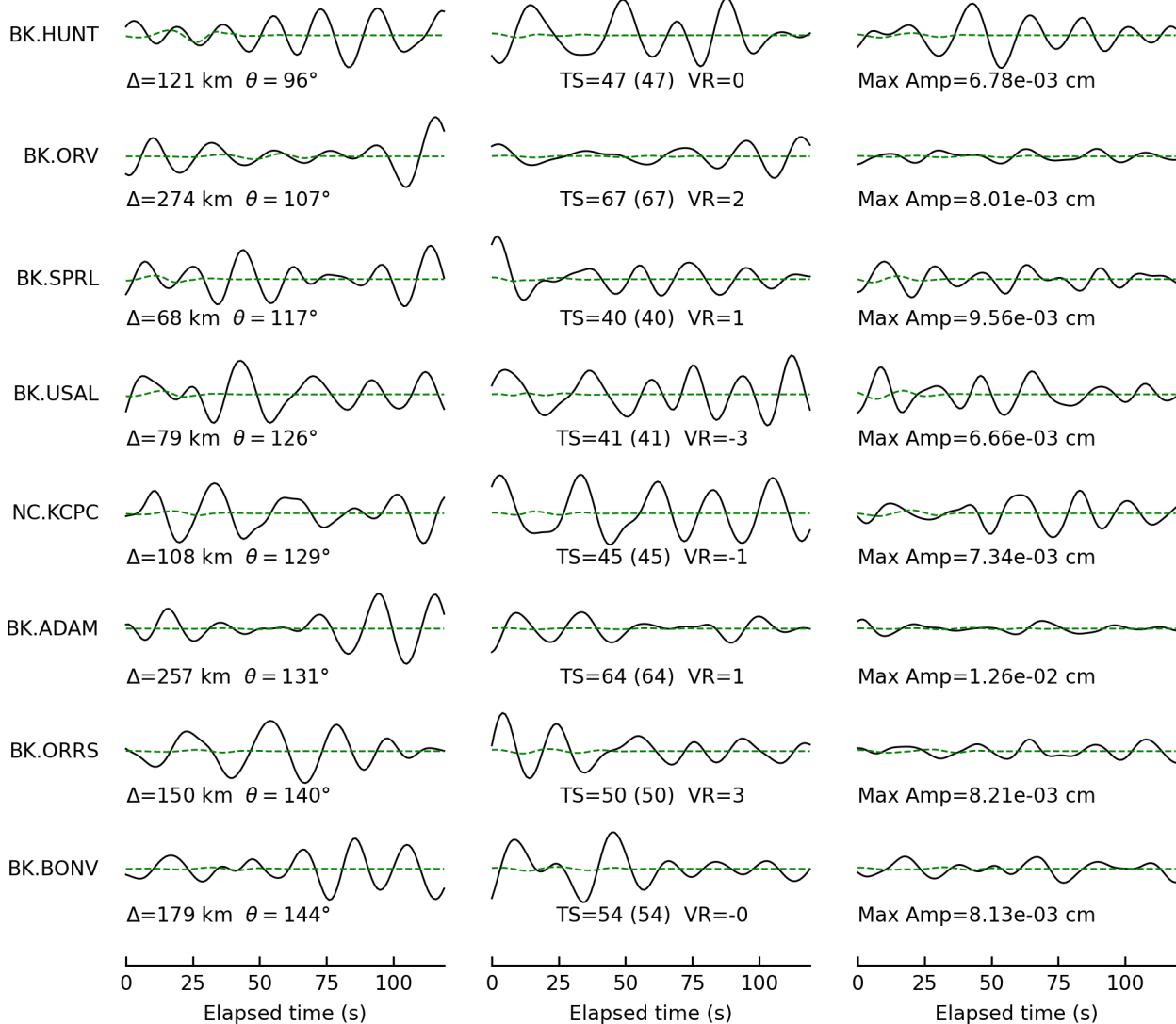
TS=35 (37) VR=4

Max Amp= $6.98e-03$  cm

Tangential

Radial

Vertical



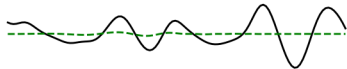


Tangential

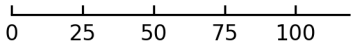
Radial

Vertical

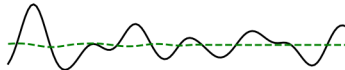
BK.HRCH



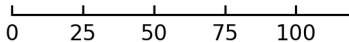
$\Delta=223$  km  $\theta = 149^\circ$



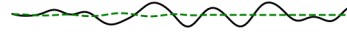
Elapsed time (s)



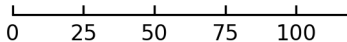
TS=60 (60) VR=0



Elapsed time (s)



Max Amp=7.84e-03 cm



Elapsed time (s)

# Deviatoric Moment Tensor Inversion

Evid = 75095856

Depth = 1.0 km

Mw = 5.22

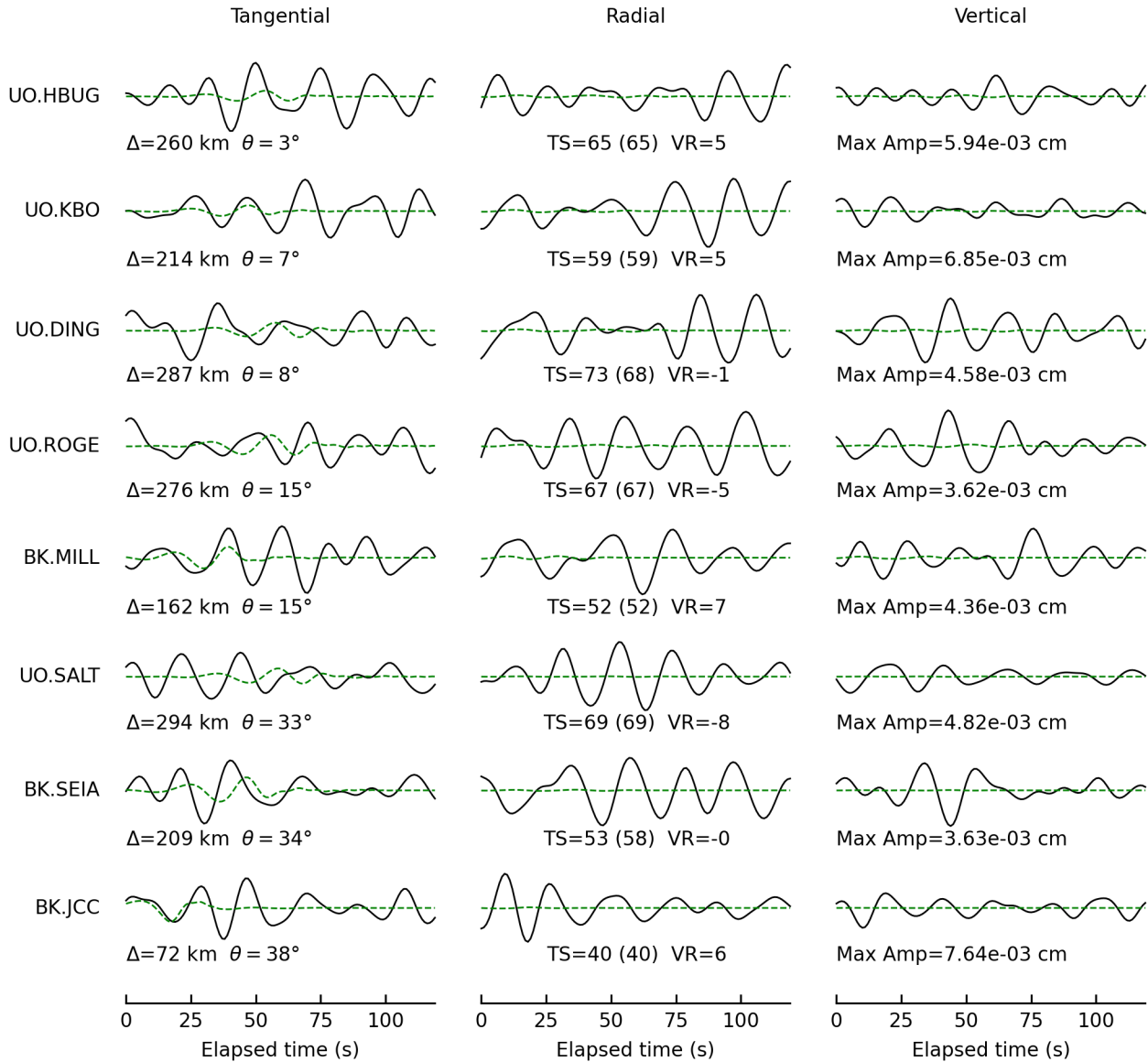
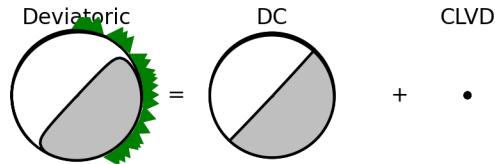
M0 = 8.38e+23 dyne-cm

Percent DC/CLVD/ISO = 96/4/0

sdr = (278,2,-36) (43,89,-92)

npts = 120 vred = 7.692 km/s

VR = 1.03% lune:-1,0



Tangential

Radial

Vertical

BK.YBH

 $\Delta=222$  km  $\theta = 44^\circ$ 

TS=62 (60) VR=9

Max Amp=3.65e-03 cm

BK.GUMB

 $\Delta=200$  km  $\theta = 59^\circ$ 

TS=57 (57) VR=7

Max Amp=2.62e-03 cm

BK.TRIN

 $\Delta=174$  km  $\theta = 64^\circ$ 

TS=53 (53) VR=-2

Max Amp=3.95e-03 cm

BK.WLKR

 $\Delta=21$  km  $\theta = 72^\circ$ 

TS=34 (34) VR=-1

Max Amp=8.02e-03 cm

BK.SAGE

 $\Delta=220$  km  $\theta = 75^\circ$ 

TS=60 (60) VR=3

Max Amp=4.94e-03 cm

BK.HAYF

 $\Delta=115$  km  $\theta = 77^\circ$ 

TS=46 (46) VR=-2

Max Amp=3.89e-03 cm

BK.DLIK

 $\Delta=142$  km  $\theta = 83^\circ$ 

TS=49 (49) VR=-9

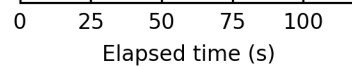
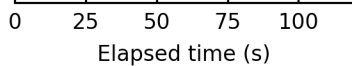
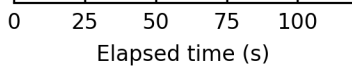
Max Amp=4.32e-03 cm

BK.GHOP

 $\Delta=49$  km  $\theta = 90^\circ$ 

TS=35 (37) VR=4

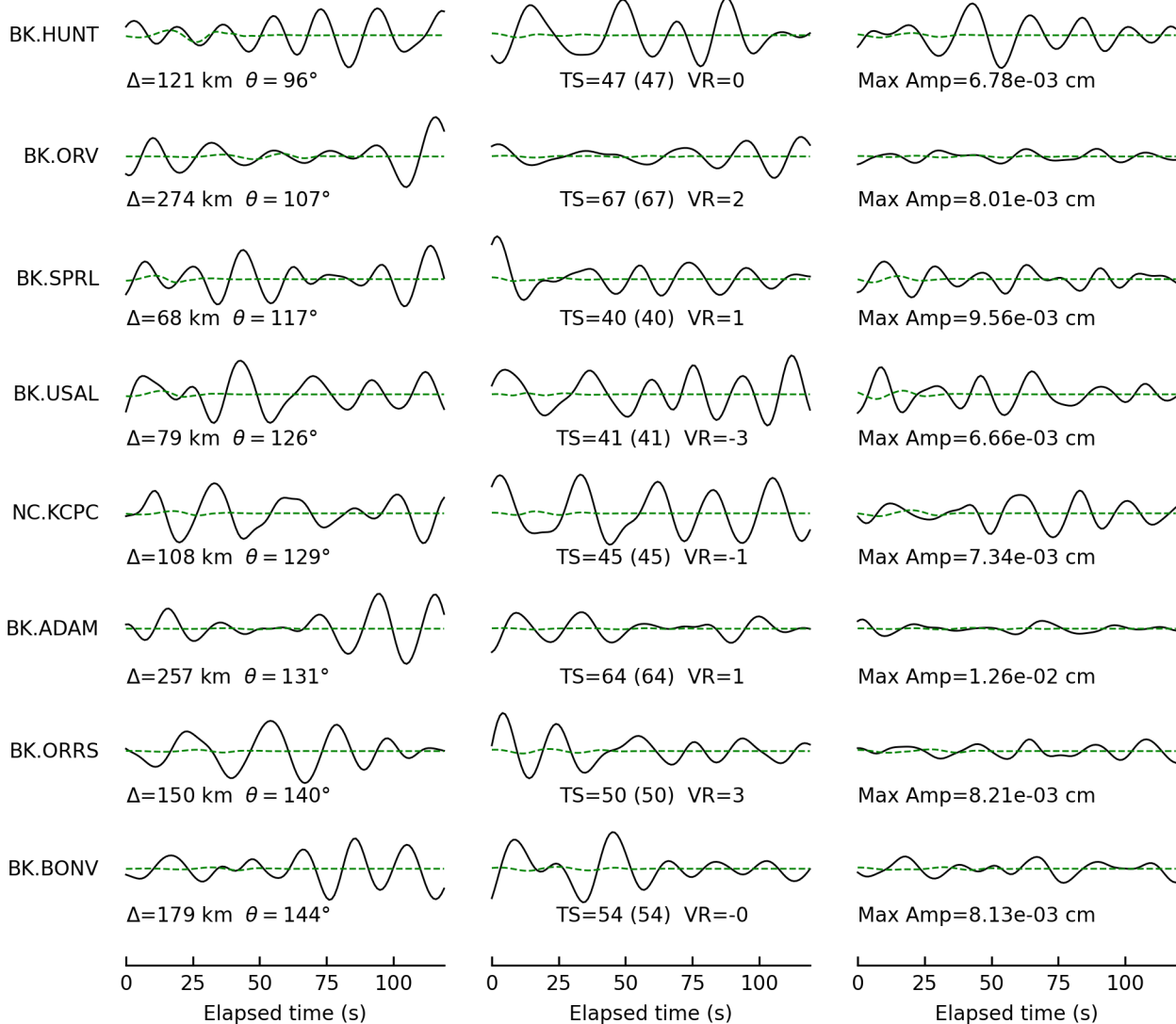
Max Amp=6.98e-03 cm



Tangential

Radial

Vertical

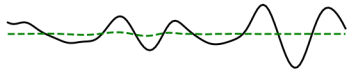


Tangential

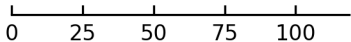
Radial

Vertical

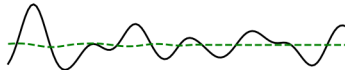
BK.HRCH



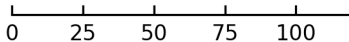
$\Delta=223$  km  $\theta = 149^\circ$



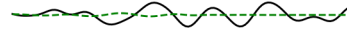
Elapsed time (s)



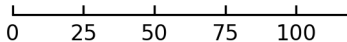
TS=60 (60) VR=0



Elapsed time (s)

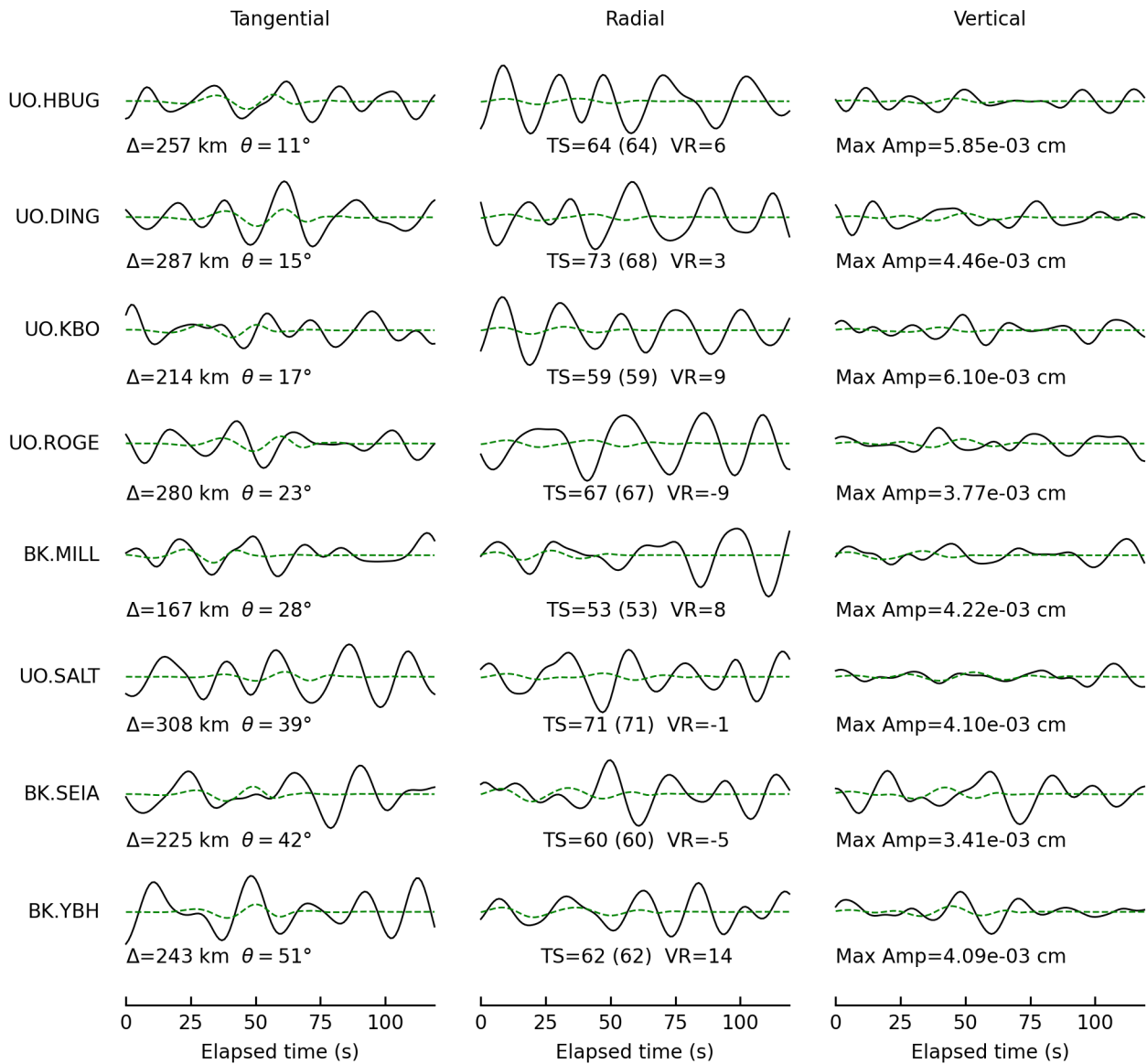
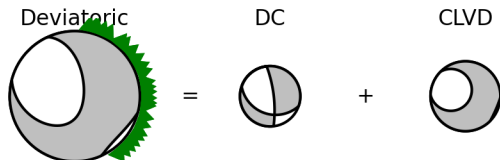


Max Amp=7.84e-03 cm



Elapsed time (s)

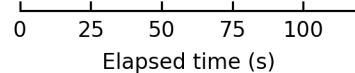
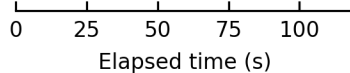
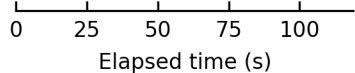
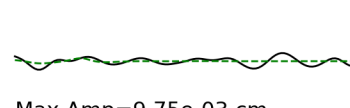
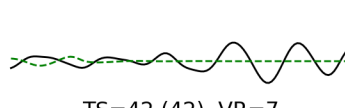
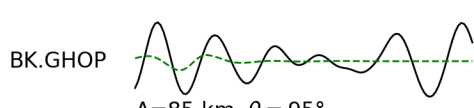
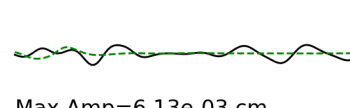
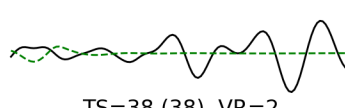
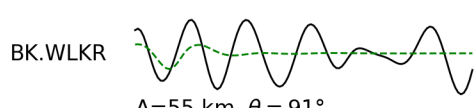
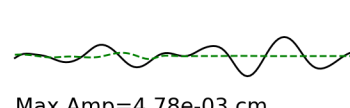
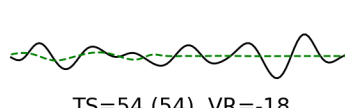
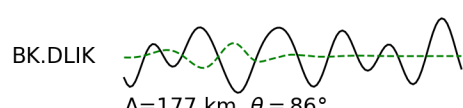
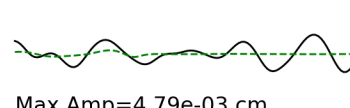
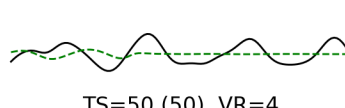
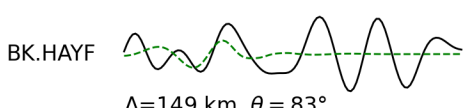
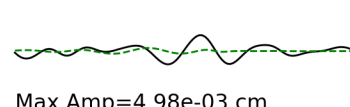
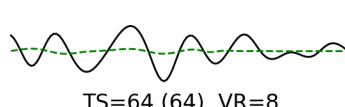
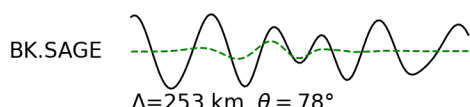
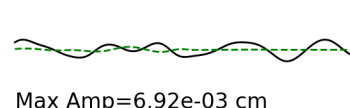
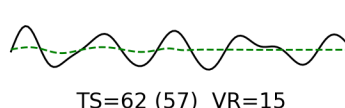
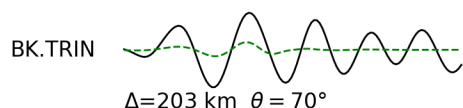
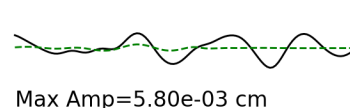
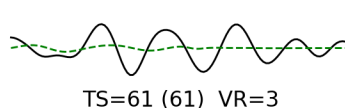
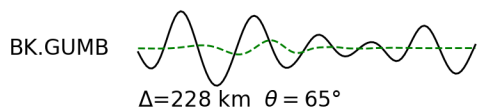
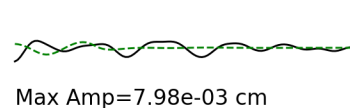
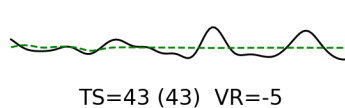
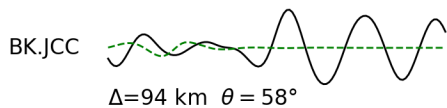
Deviatoric Moment Tensor Inversion  
 Evid = 75095886  
 Depth = 6.0 km  
 Mw = 5.02  
 M0 = 4.19e+23 dyne-cm  
 Percent DC/CLVD/ISO = 46/54/0  
 sdr = (353,76,-64) (109,29,-151)  
 npts = 120 vred = 7.692 km/s  
 VR = 1.60% lune:15,0



Tangential

Radial

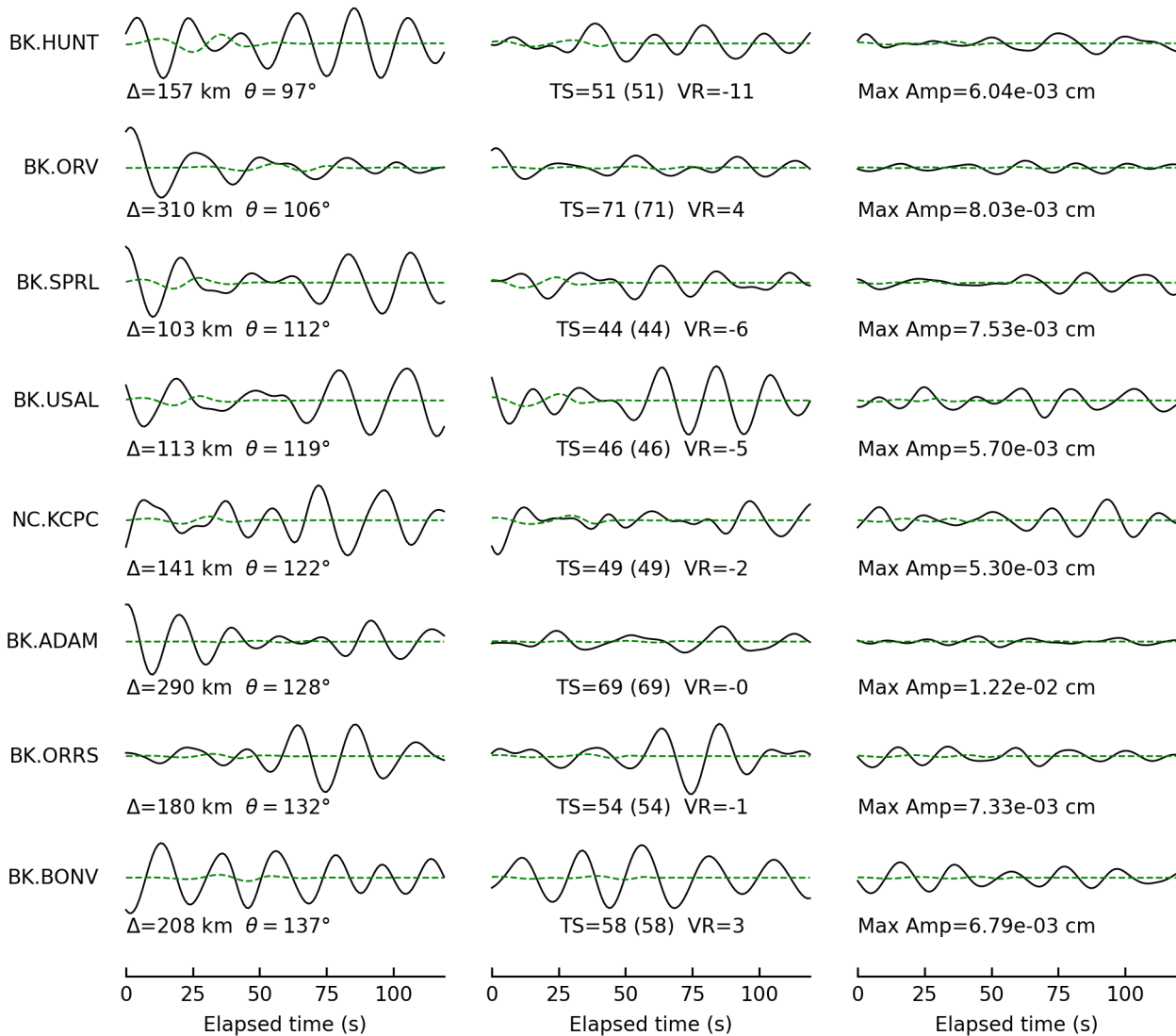
Vertical



Tangential

Radial

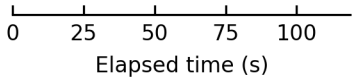
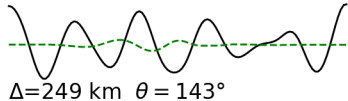
Vertical



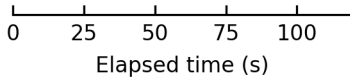
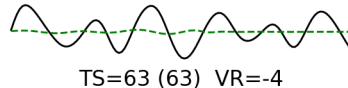


Tangential

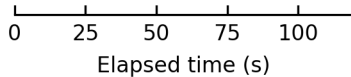
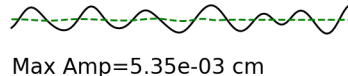
BK.HRCH



Radial



Vertical



# Deviatoric Moment Tensor Inversion

Evid = 75095886

Depth = 16.0 km

Mw = 4.88

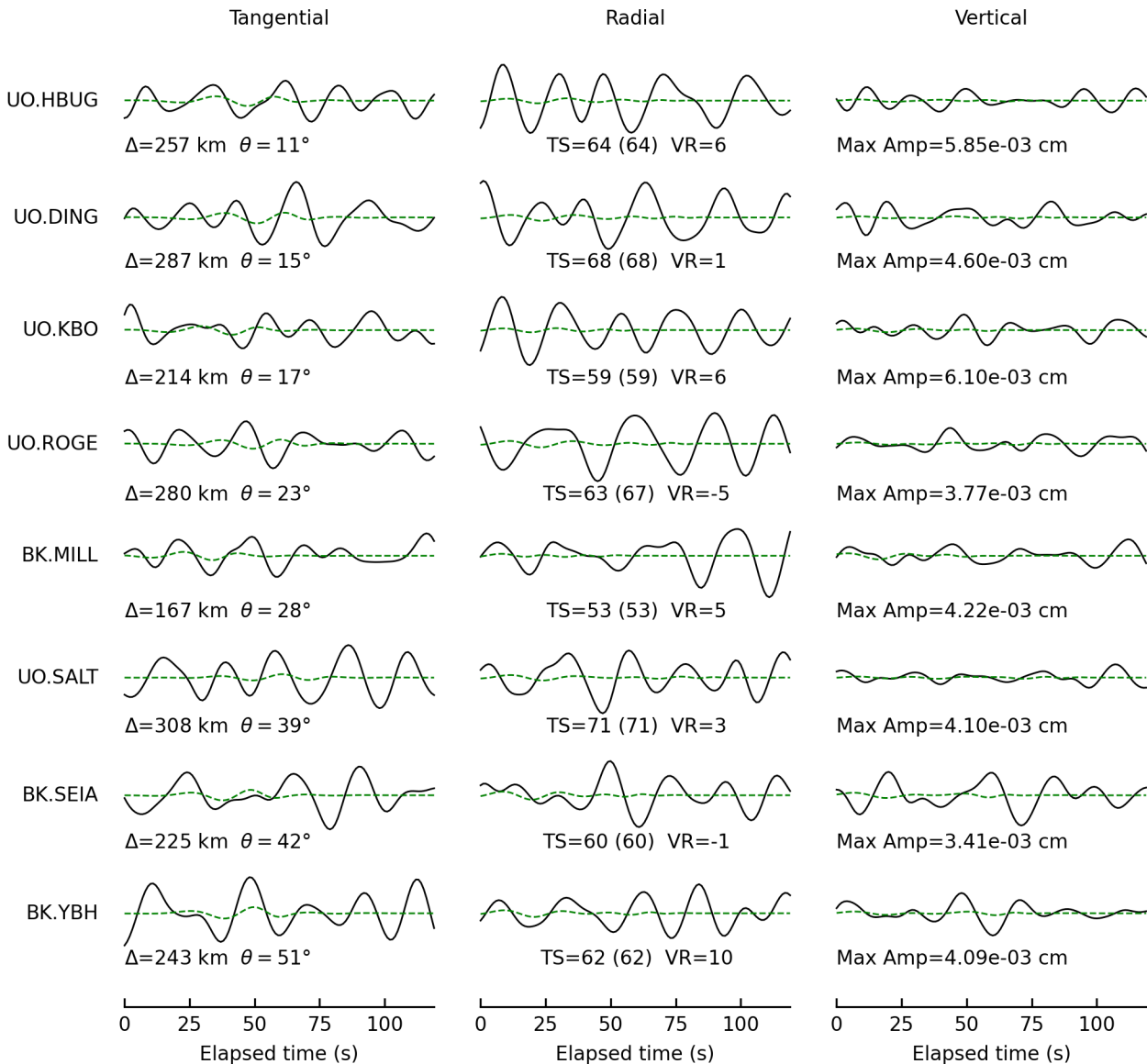
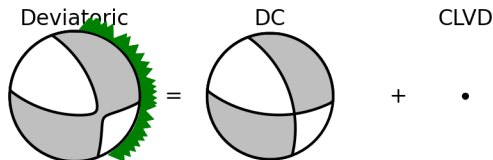
M0 = 2.56e+23 dyne-cm

Percent DC/CLVD/ISO = 97/3/0

sdr = (340,56,-40) (95,58,-138)

npts = 120 vred = 7.692 km/s

VR = 0.96% lune:1,0



Tangential

Radial

Vertical

BK.JCC

 $\Delta=94$  km  $\theta=58^\circ$ 

TS=43 (43) VR=-3

Max Amp=7.98e-03 cm

BK.GUMB

 $\Delta=228$  km  $\theta=65^\circ$ 

TS=57 (61) VR=10

Max Amp=5.80e-03 cm

BK.TRIN

 $\Delta=203$  km  $\theta=70^\circ$ 

TS=57 (57) VR=2

Max Amp=6.92e-03 cm

BK.SAGE

 $\Delta=253$  km  $\theta=78^\circ$ 

TS=64 (64) VR=5

Max Amp=4.98e-03 cm

BK.HAYF

 $\Delta=149$  km  $\theta=83^\circ$ 

TS=50 (50) VR=2

Max Amp=4.79e-03 cm

BK.DLIK

 $\Delta=177$  km  $\theta=86^\circ$ 

TS=54 (54) VR=-16

Max Amp=4.78e-03 cm

BK.WLKR

 $\Delta=55$  km  $\theta=91^\circ$ 

TS=38 (38) VR=-2

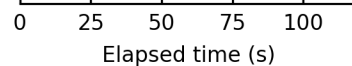
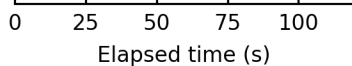
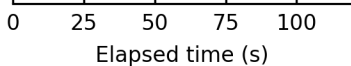
Max Amp=6.13e-03 cm

BK.GHOP

 $\Delta=85$  km  $\theta=95^\circ$ 

TS=42 (42) VR=6

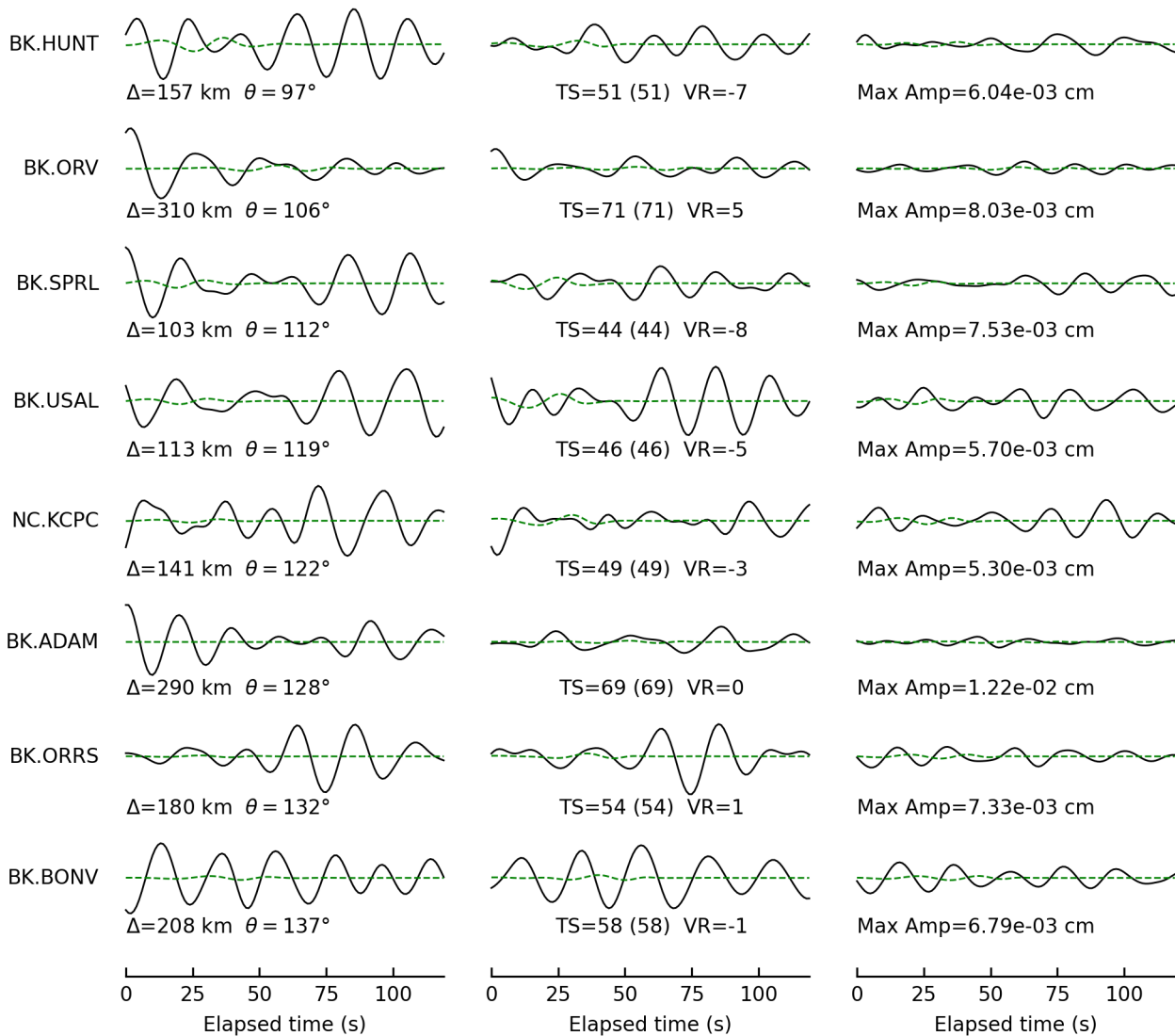
Max Amp=9.75e-03 cm



Tangential

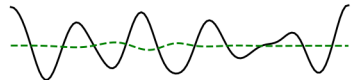
Radial

Vertical

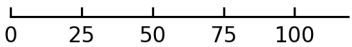


Tangential

BK.HRCH

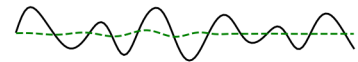


$\Delta=249$  km  $\theta = 143^\circ$

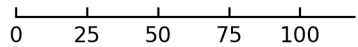


Elapsed time (s)

Radial



TS=63 (63) VR=-3

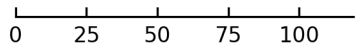


Elapsed time (s)

Vertical



Max Amp=5.35e-03 cm



Elapsed time (s)

# Deviatoric Moment Tensor Inversion

Evid = 75095936

Depth = 1.0 km

Mw = 5.12

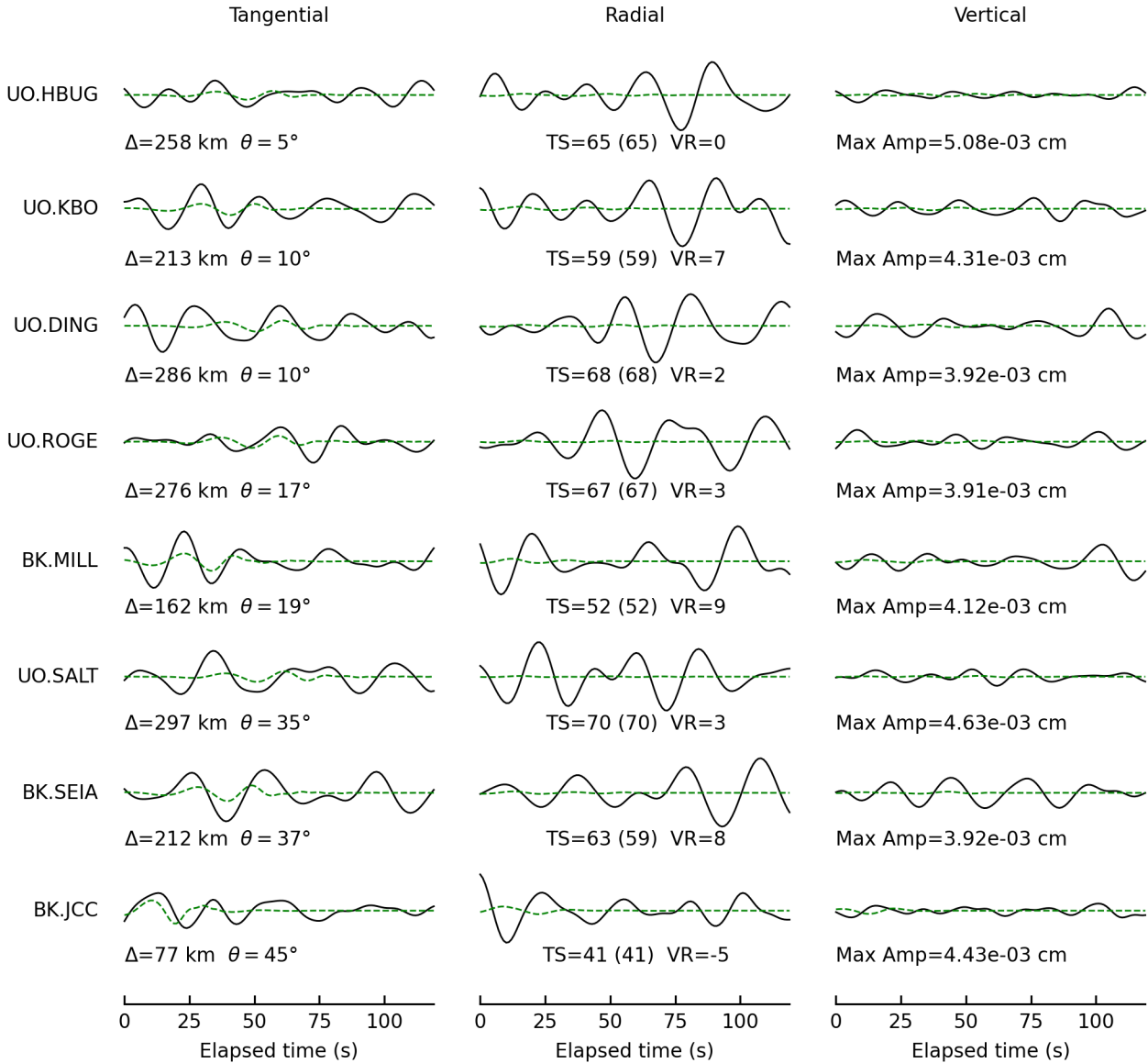
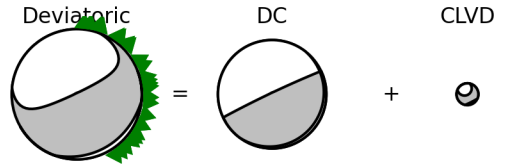
M0 = 5.96e+23 dyne-cm

Percent DC/CLVD/ISO = 83/17/0

sdr = (245,87,92) (37,3,63)

npts = 120 vred = 7.692 km/s

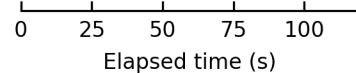
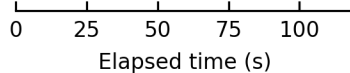
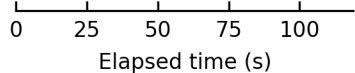
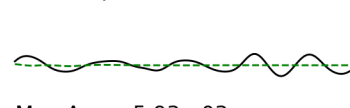
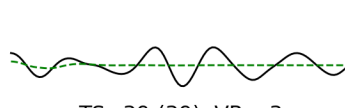
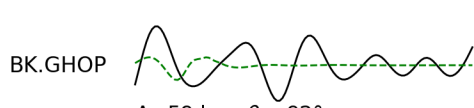
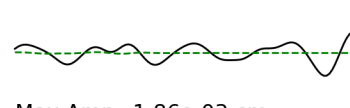
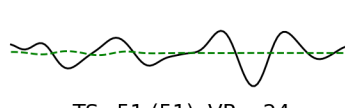
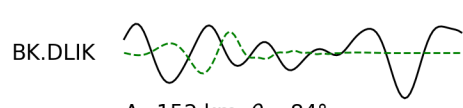
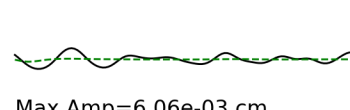
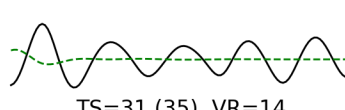
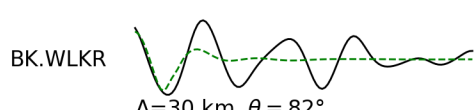
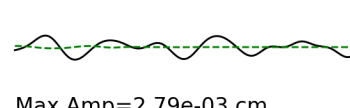
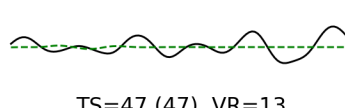
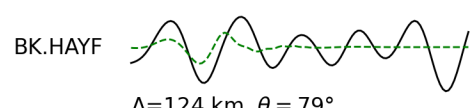
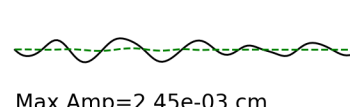
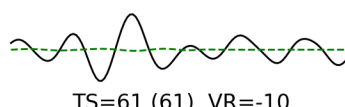
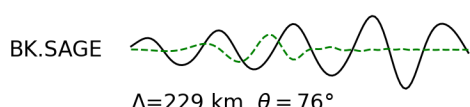
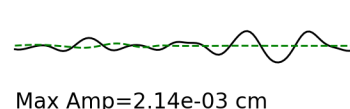
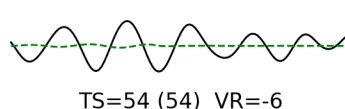
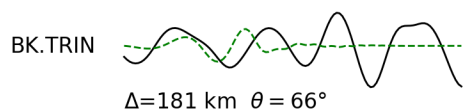
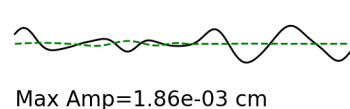
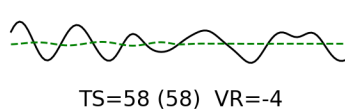
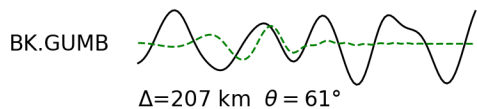
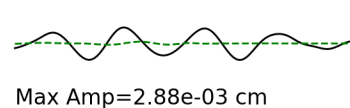
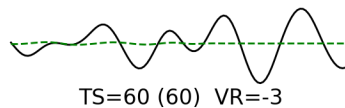
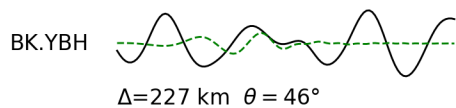
VR = 2.39% lune:4,0



Tangential

Radial

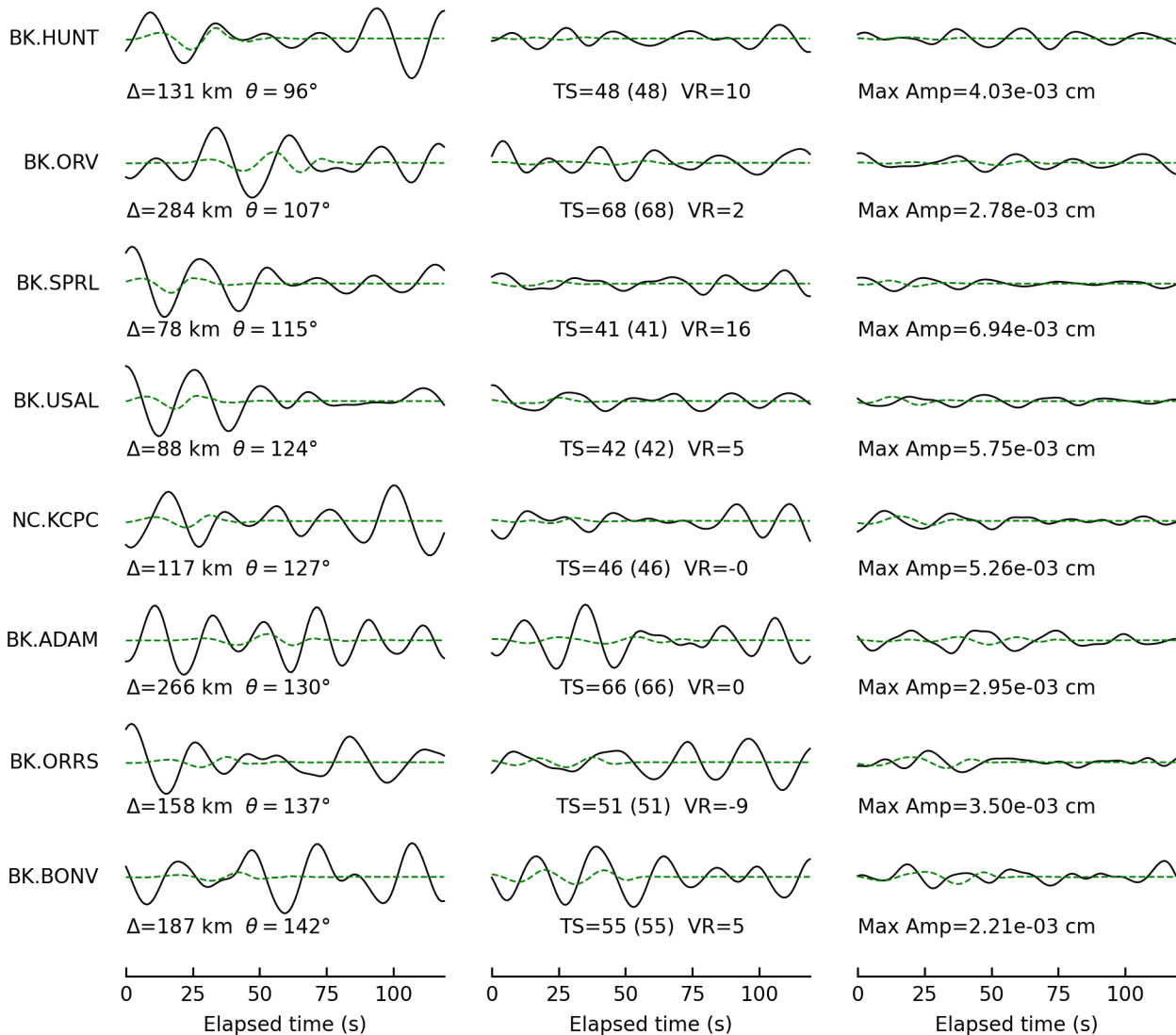
Vertical



Tangential

Radial

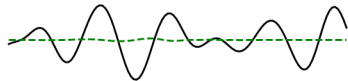
Vertical



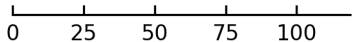


BK.HRCH

Tangential

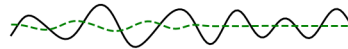


$\Delta=230$  km  $\theta = 147^\circ$

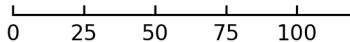


Elapsed time (s)

Radial



TS=61 (61) VR=-4

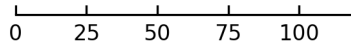


Elapsed time (s)

Vertical



Max Amp=2.80e-03 cm



Elapsed time (s)

# Deviatoric Moment Tensor Inversion

Evid = 75095936

Depth = 16.0 km

Mw = 4.77

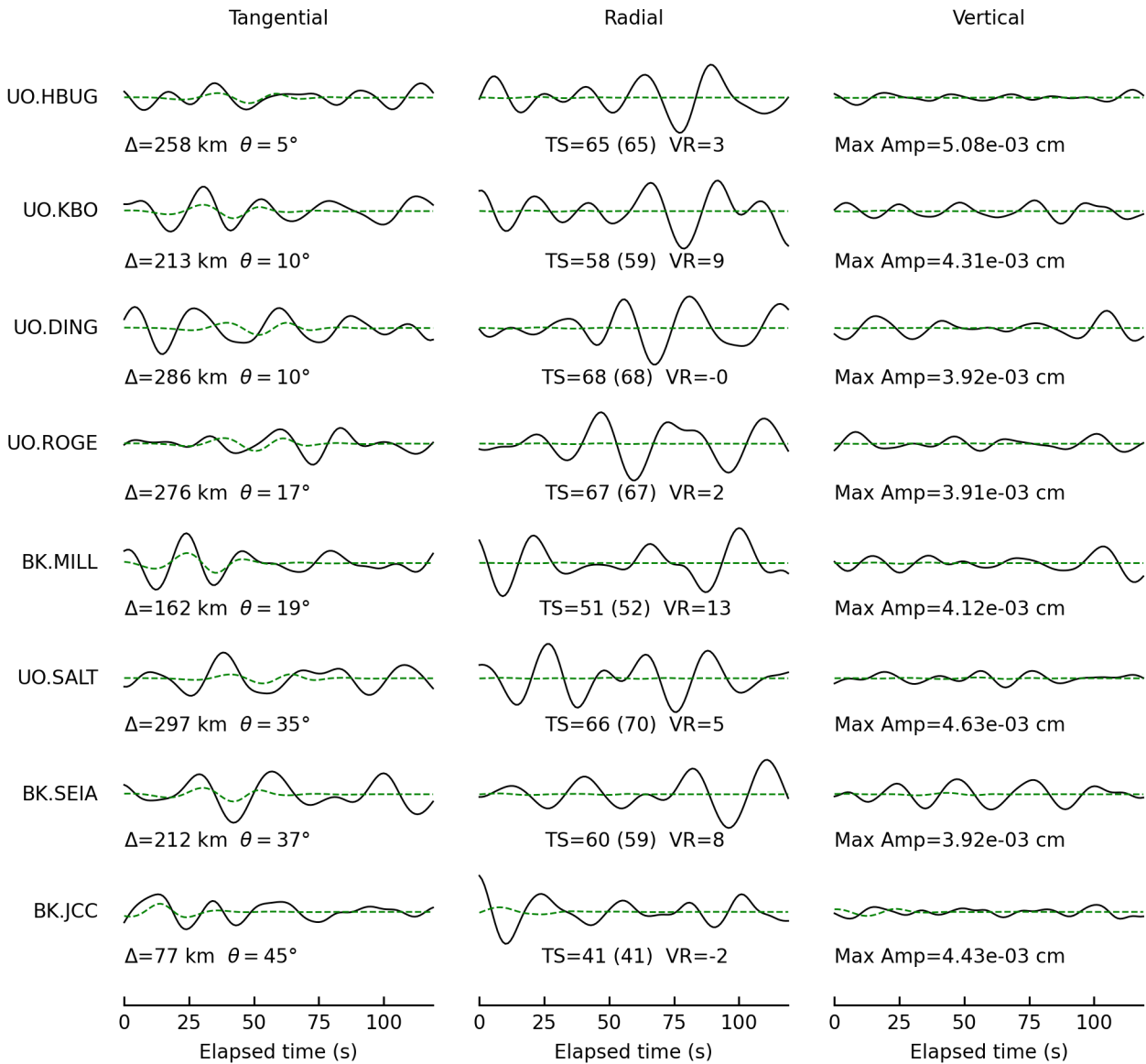
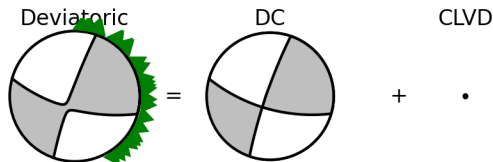
M0 = 1.76e+23 dyne-cm

Percent DC/CLVD/ISO = 98/2/0

sdr = (199,83,23) (106,67,172)

npts = 120 vred = 7.692 km/s

VR = 1.74% lune:1,0

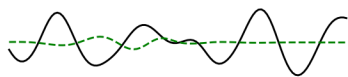
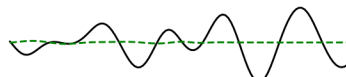


Tangential

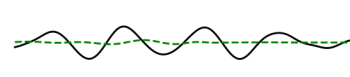
Radial

Vertical

BK.YBH

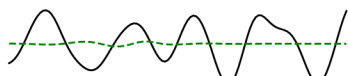
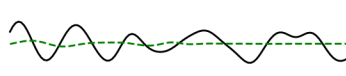
 $\Delta=227$  km  $\theta=46^\circ$ 

TS=60 (60) VR=-6

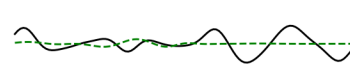


Max Amp=2.88e-03 cm

BK.GUMB

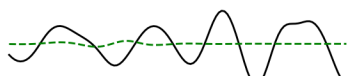
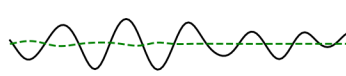
 $\Delta=207$  km  $\theta=61^\circ$ 

TS=58 (58) VR=-2

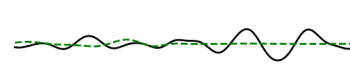


Max Amp=1.86e-03 cm

BK.TRIN

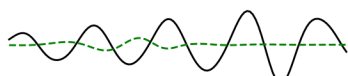
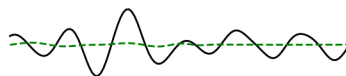
 $\Delta=181$  km  $\theta=66^\circ$ 

TS=54 (54) VR=-4

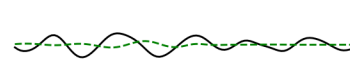


Max Amp=2.14e-03 cm

BK.SAGE

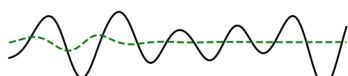
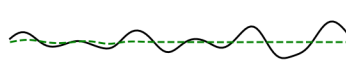
 $\Delta=229$  km  $\theta=76^\circ$ 

TS=62 (61) VR=-7

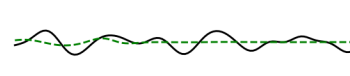


Max Amp=2.45e-03 cm

BK.HAYF

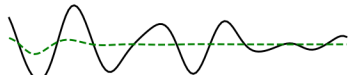
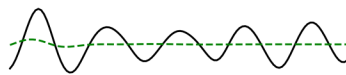
 $\Delta=124$  km  $\theta=79^\circ$ 

TS=47 (47) VR=2

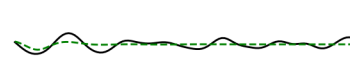


Max Amp=2.79e-03 cm

BK.WLKR

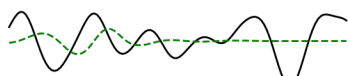
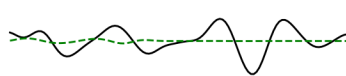
 $\Delta=30$  km  $\theta=82^\circ$ 

TS=32 (35) VR=14

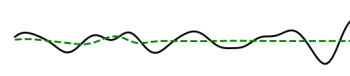


Max Amp=6.06e-03 cm

BK.DLIK

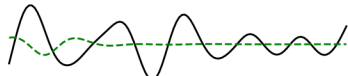
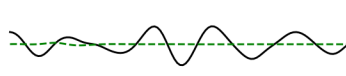
 $\Delta=152$  km  $\theta=84^\circ$ 

TS=51 (51) VR=-4

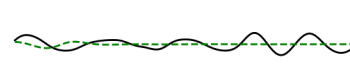


Max Amp=1.86e-03 cm

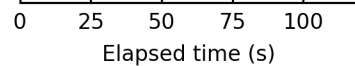
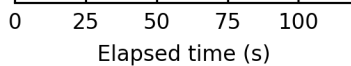
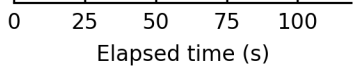
BK.GHOP

 $\Delta=59$  km  $\theta=92^\circ$ 

TS=39 (39) VR=-11



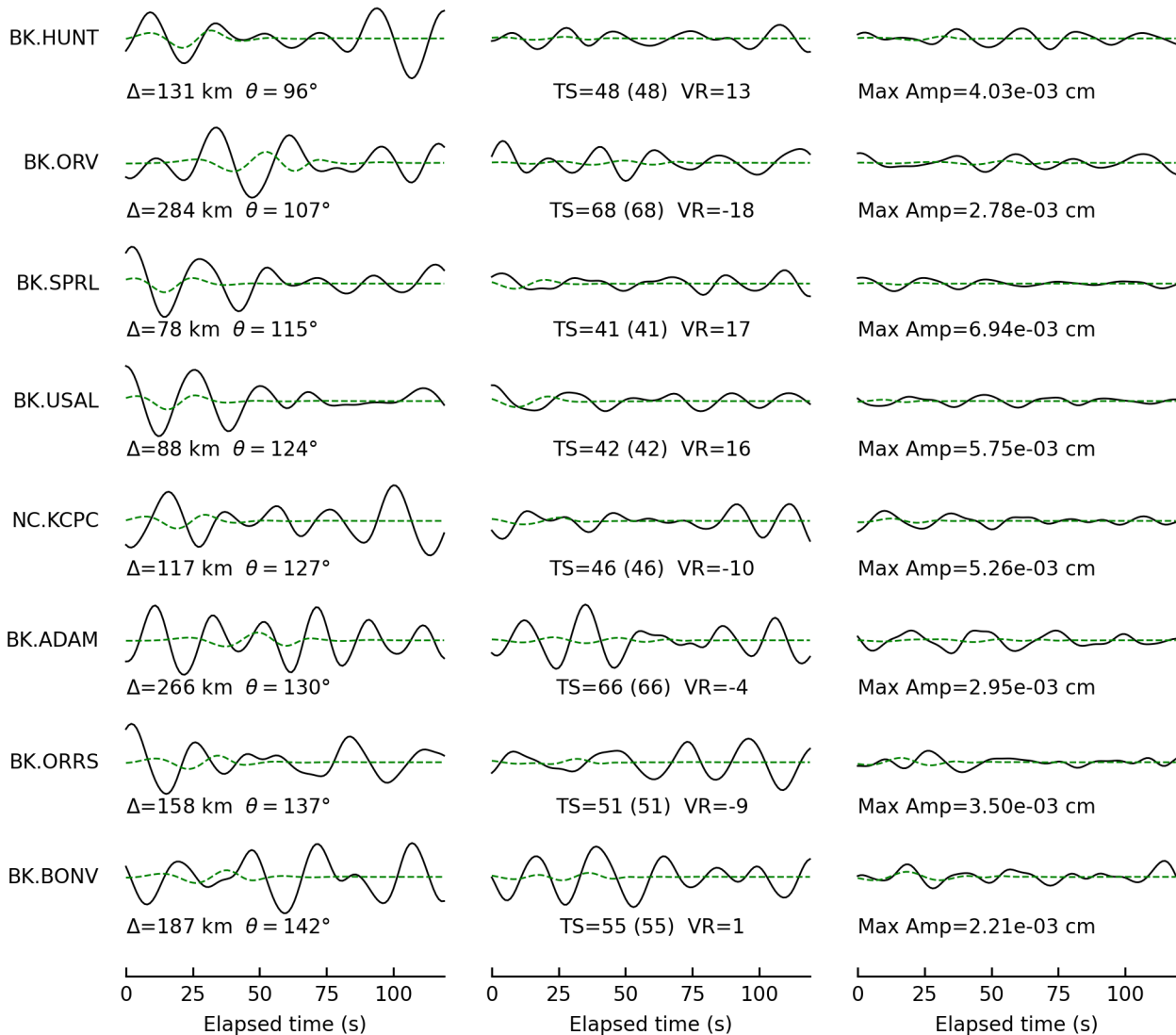
Max Amp=5.93e-03 cm



Tangential

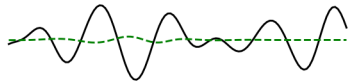
Radial

Vertical

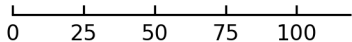


BK.HRCH

Tangential

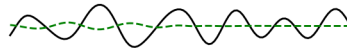


$\Delta=230$  km  $\theta = 147^\circ$

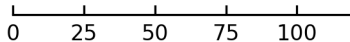


Elapsed time (s)

Radial



TS=61 (61) VR=-9

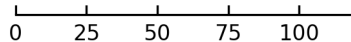


Elapsed time (s)

Vertical



Max Amp=2.80e-03 cm



Elapsed time (s)

# Deviatoric Moment Tensor Inversion

Evid = 75095961

Depth = 19.0 km

Mw = 4.93

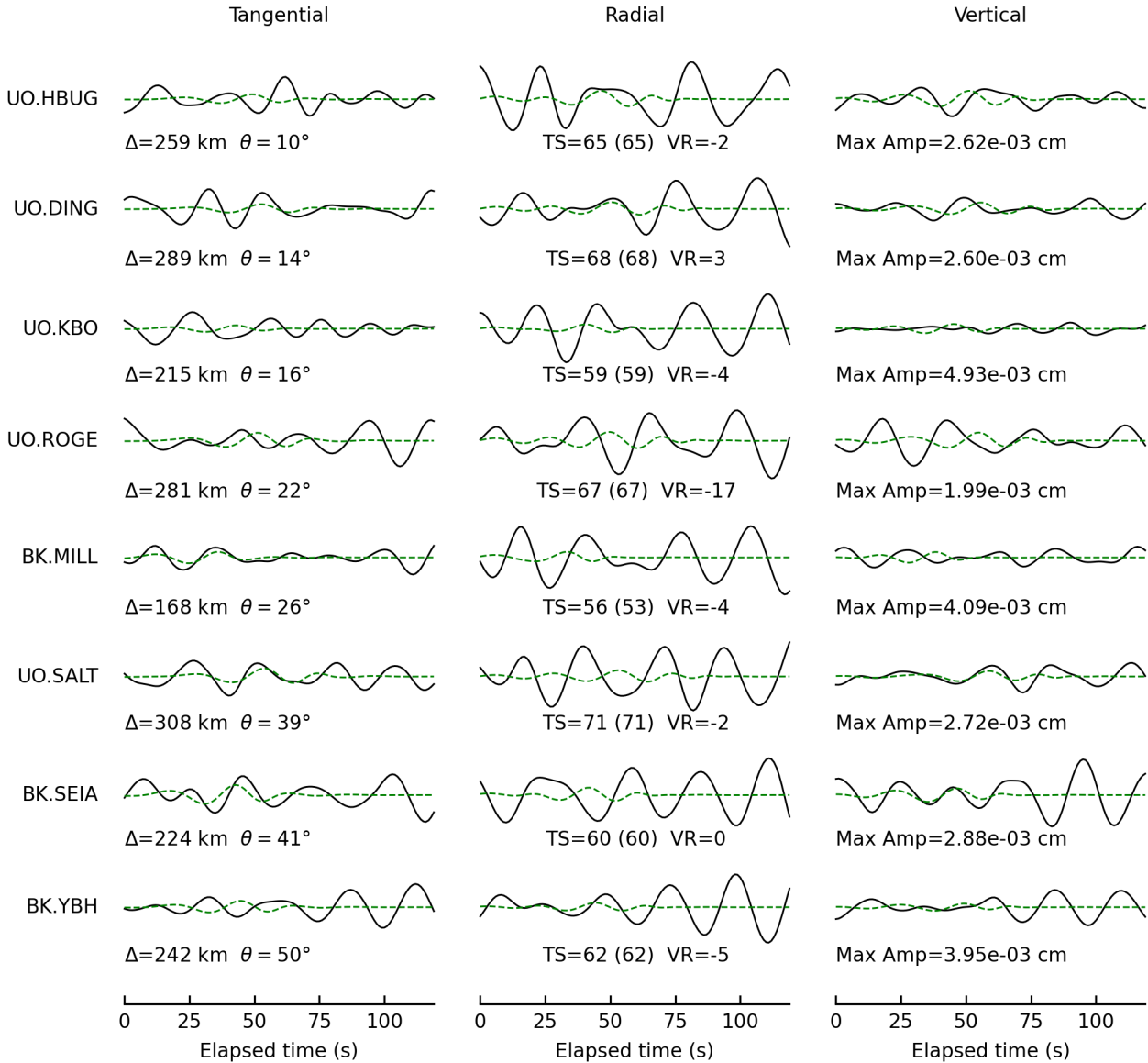
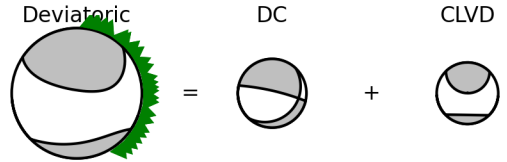
M0 = 3.09e+23 dyne-cm

Percent DC/CLVD/ISO = 53/47/0

sdr = (44,16,-148) (283,82,-76)

npts = 120 vred = 7.692 km/s

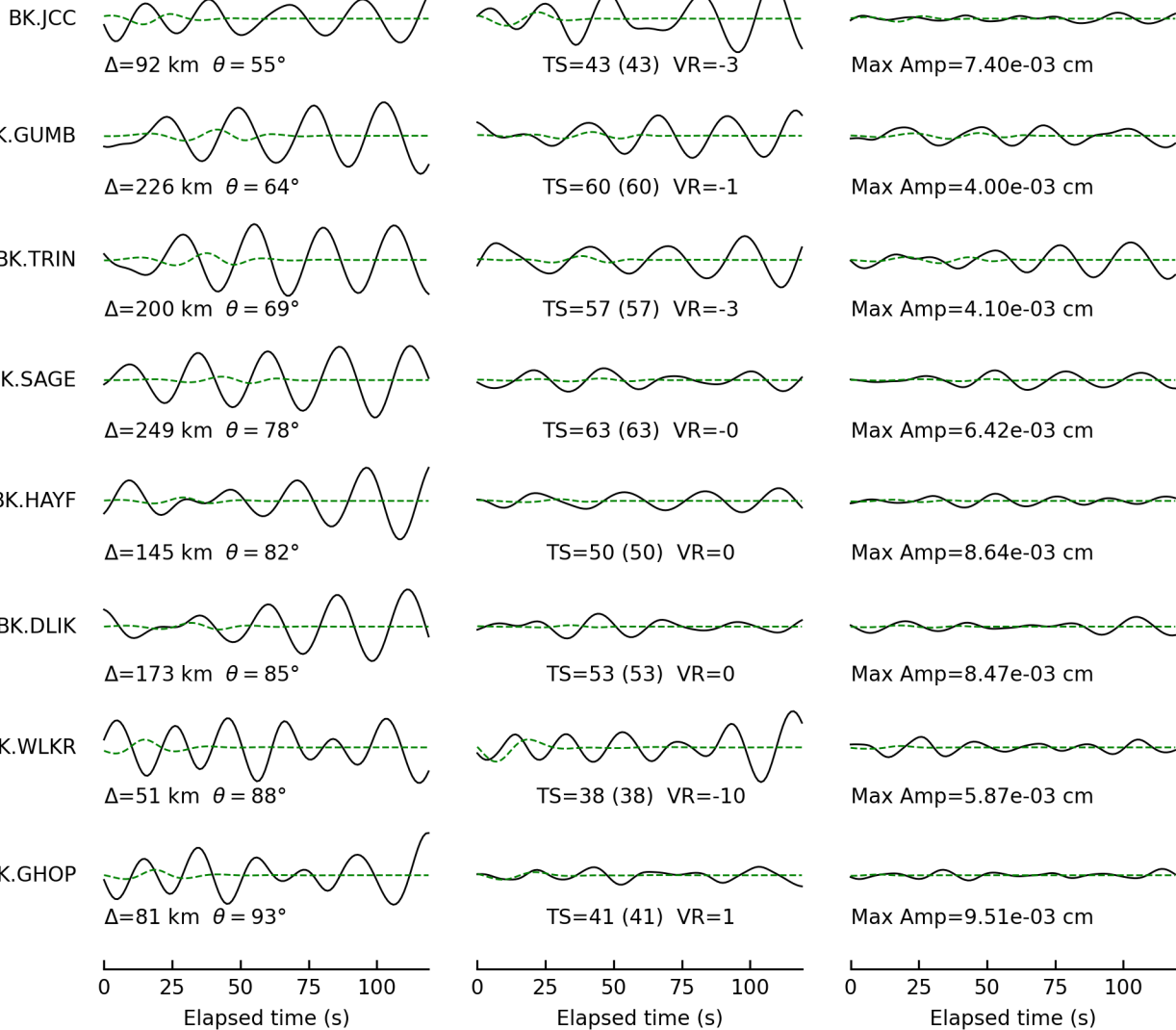
VR = 0.83% lune:-13,0



Tangential

Radial

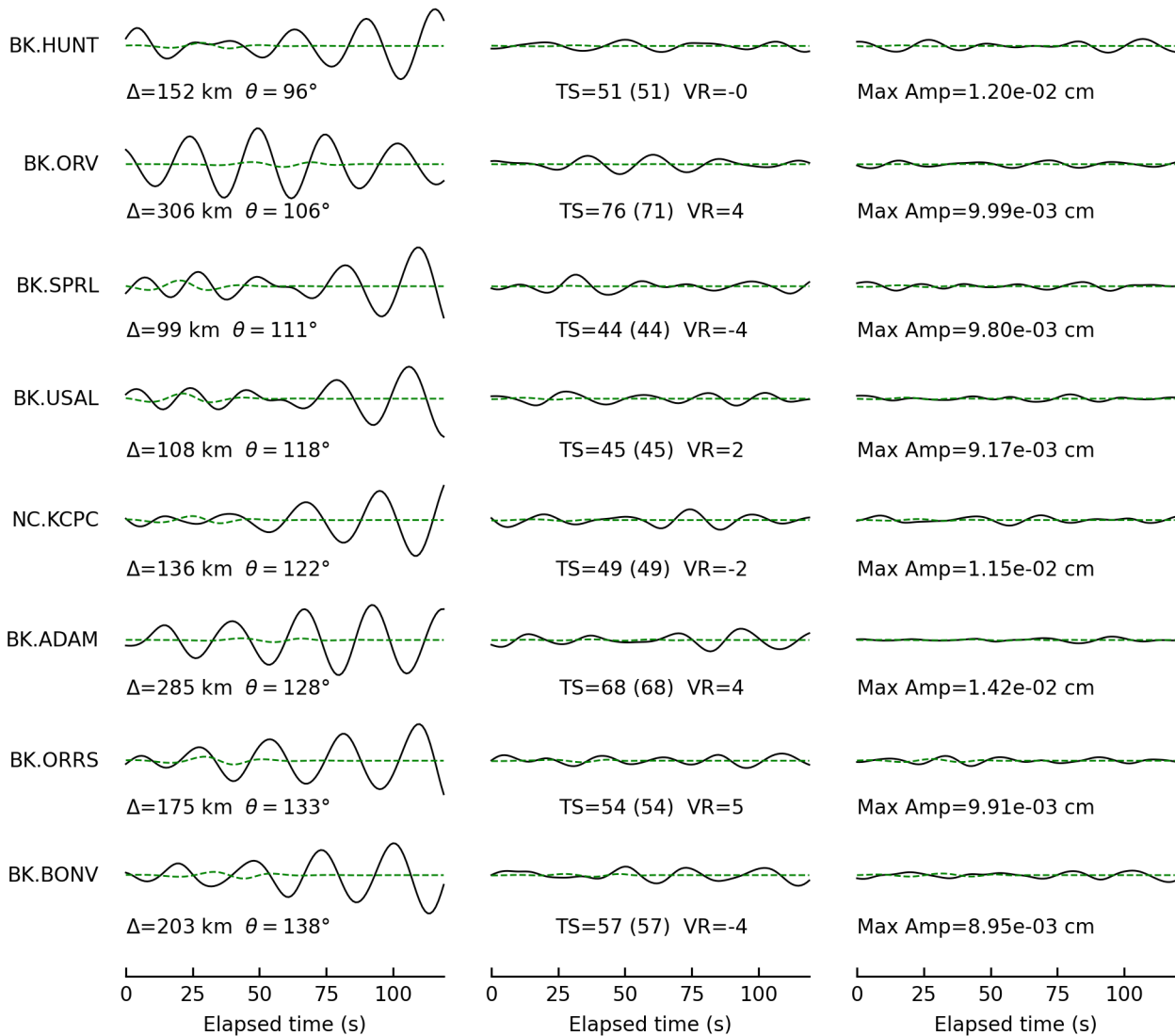
Vertical



Tangential

Radial

Vertical



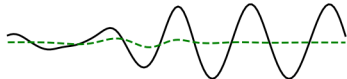


Tangential

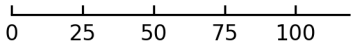
Radial

Vertical

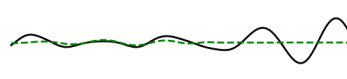
BK.HRCH



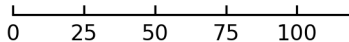
$\Delta=244$  km  $\theta = 143^\circ$



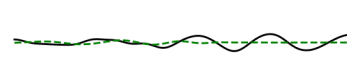
Elapsed time (s)



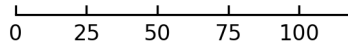
TS=63 (63) VR=5



Elapsed time (s)



Max Amp=6.60e-03 cm



Elapsed time (s)

# Deviatoric Moment Tensor Inversion

Evid = 75095961

Depth = 1.0 km

Mw = 5.02

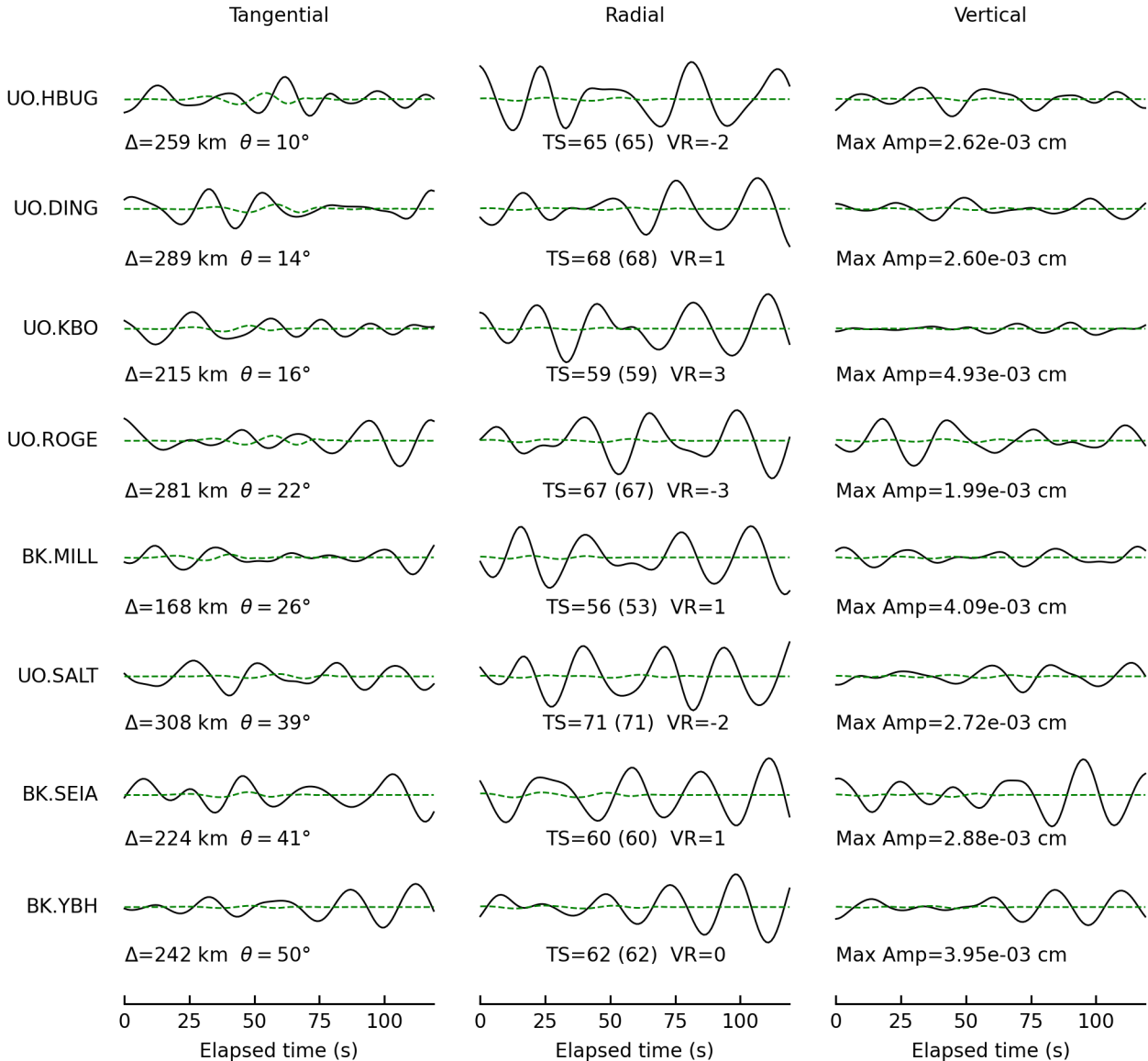
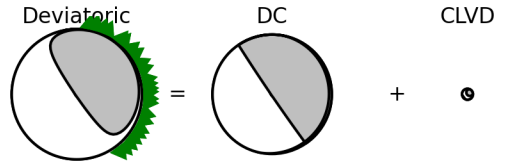
M0 = 4.24e+23 dyne-cm

Percent DC/CLVD/ISO = 92/8/0

sdr = (12,3,136) (146,88,88)

npts = 120 vred = 7.692 km/s

VR = 0.22% lune:-2,0

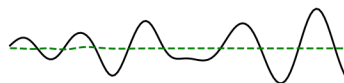


Tangential

Radial

Vertical

BK.JCC

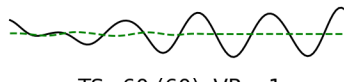
 $\Delta=92$  km  $\theta=55^\circ$ 

TS=43 (43) VR=-1

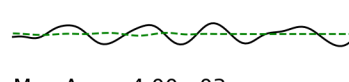


Max Amp=7.40e-03 cm

BK.GUMB

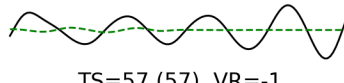
 $\Delta=226$  km  $\theta=64^\circ$ 

TS=60 (60) VR=-1

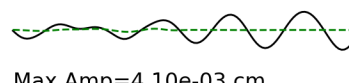


Max Amp=4.00e-03 cm

BK.TRIN

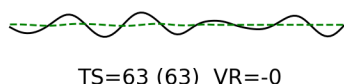
 $\Delta=200$  km  $\theta=69^\circ$ 

TS=57 (57) VR=-1

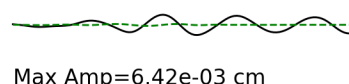


Max Amp=4.10e-03 cm

BK.SAGE

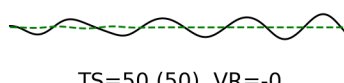
 $\Delta=249$  km  $\theta=78^\circ$ 

TS=63 (63) VR=-0

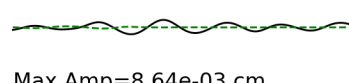


Max Amp=6.42e-03 cm

BK.HAYF

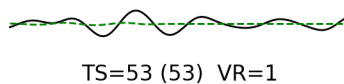
 $\Delta=145$  km  $\theta=82^\circ$ 

TS=50 (50) VR=-0

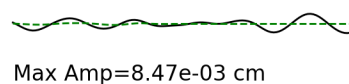


Max Amp=8.64e-03 cm

BK.DLIK

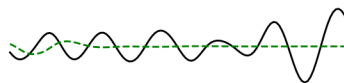
 $\Delta=173$  km  $\theta=85^\circ$ 

TS=53 (53) VR=1

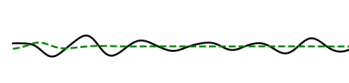


Max Amp=8.47e-03 cm

BK.WLKR

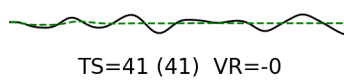
 $\Delta=51$  km  $\theta=88^\circ$ 

TS=38 (38) VR=-6

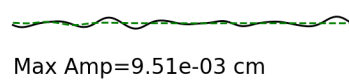


Max Amp=5.87e-03 cm

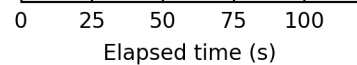
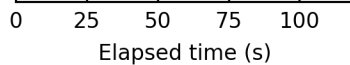
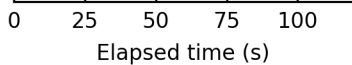
BK.GHOP

 $\Delta=81$  km  $\theta=93^\circ$ 

TS=41 (41) VR=-0



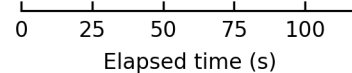
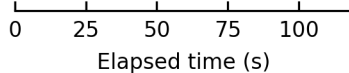
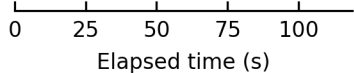
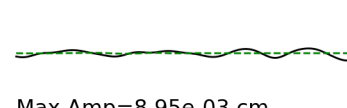
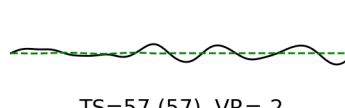
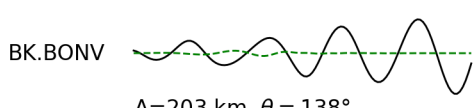
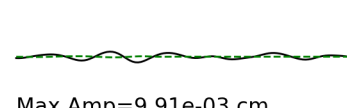
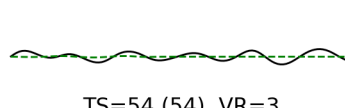
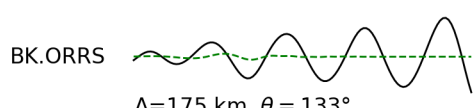
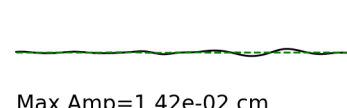
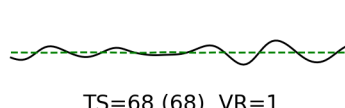
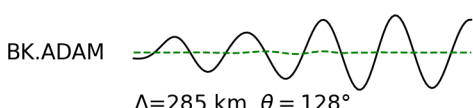
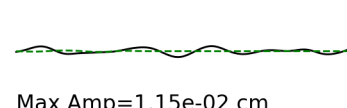
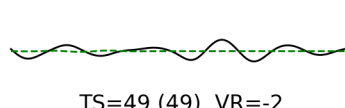
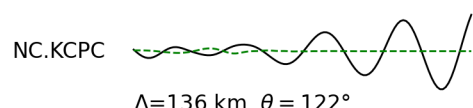
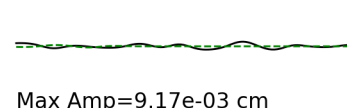
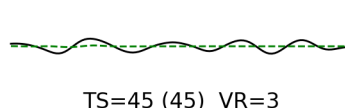
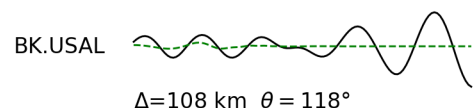
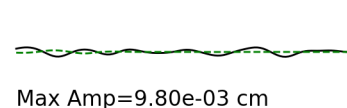
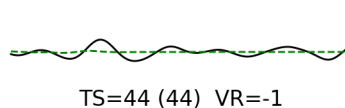
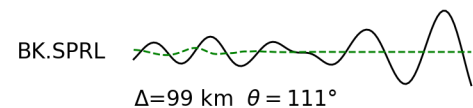
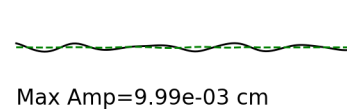
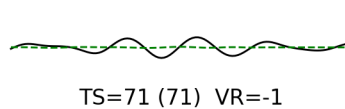
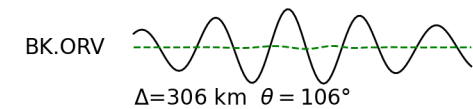
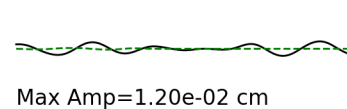
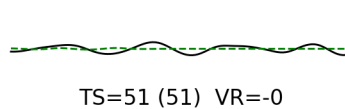
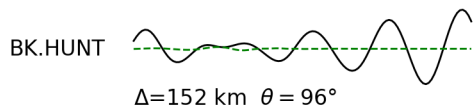
Max Amp=9.51e-03 cm



Tangential

Radial

Vertical

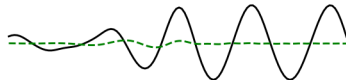


Tangential

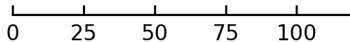
Radial

Vertical

BK.HRCH



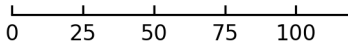
$\Delta=244$  km  $\theta = 143^\circ$



Elapsed time (s)



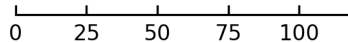
TS=63 (63) VR=2



Elapsed time (s)



Max Amp=6.60e-03 cm



Elapsed time (s)

# Deviatoric Moment Tensor Inversion

Evid = 75096066

Depth = 39.0 km

Mw = 4.74

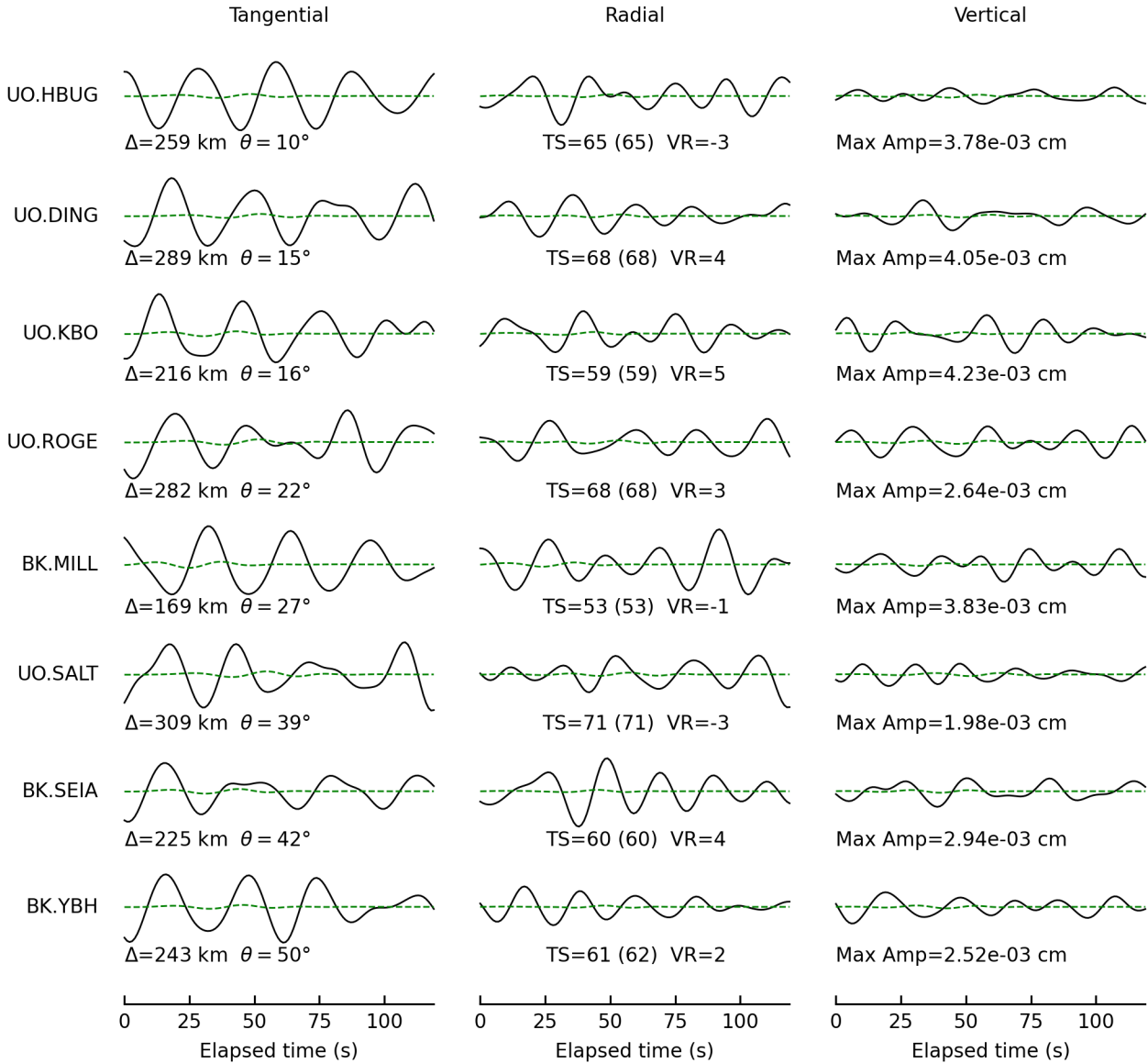
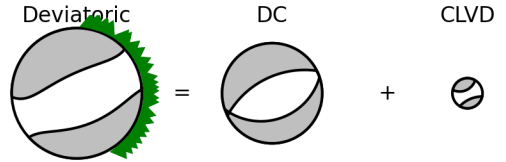
M0 = 1.61e+23 dyne-cm

Percent DC/CLVD/ISO = 77/23/0

sdr = (71,35,-83) (243,56,-95)

npts = 120 vred = 7.692 km/s

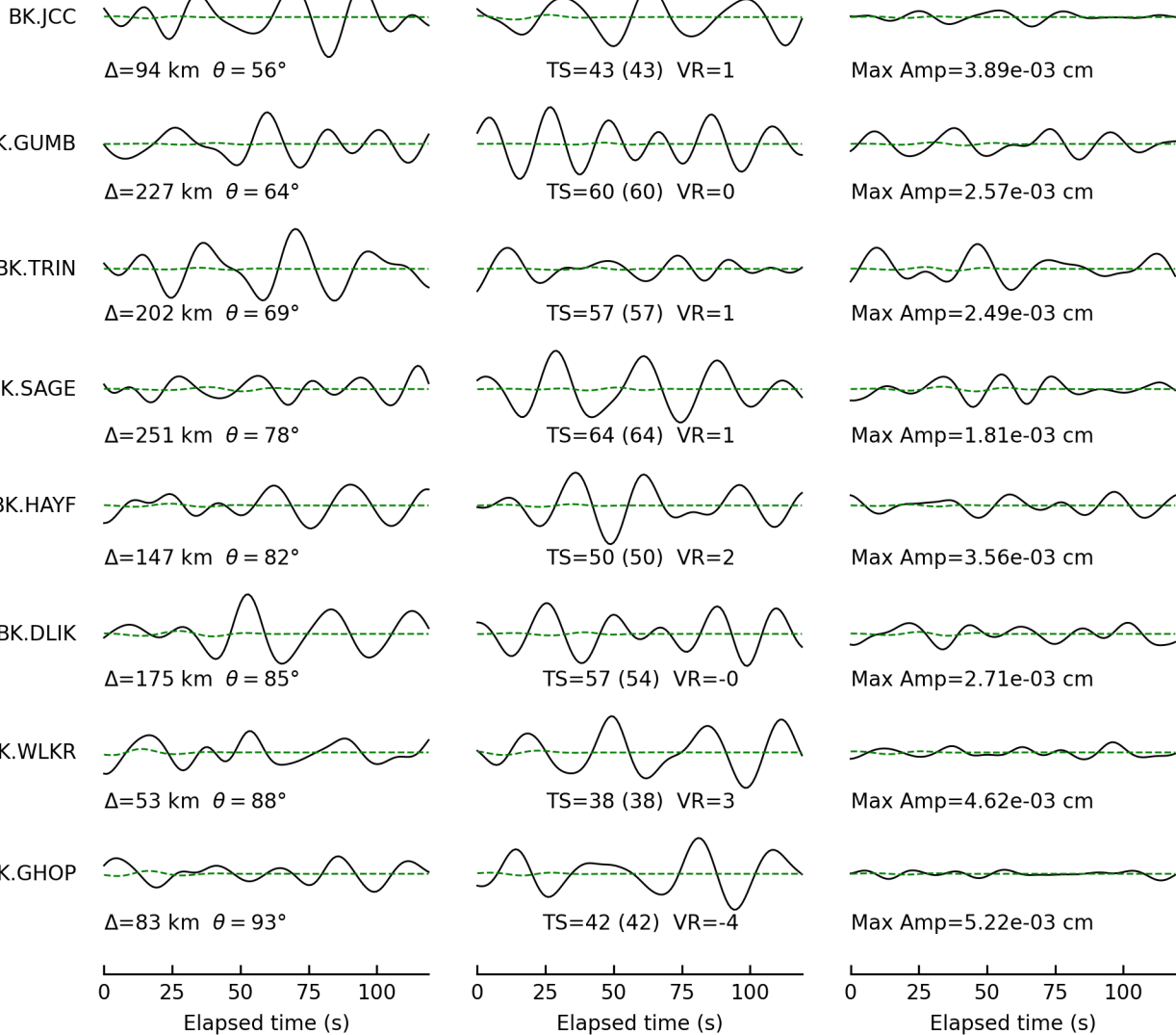
VR = 0.35% lune:-6,0



Tangential

Radial

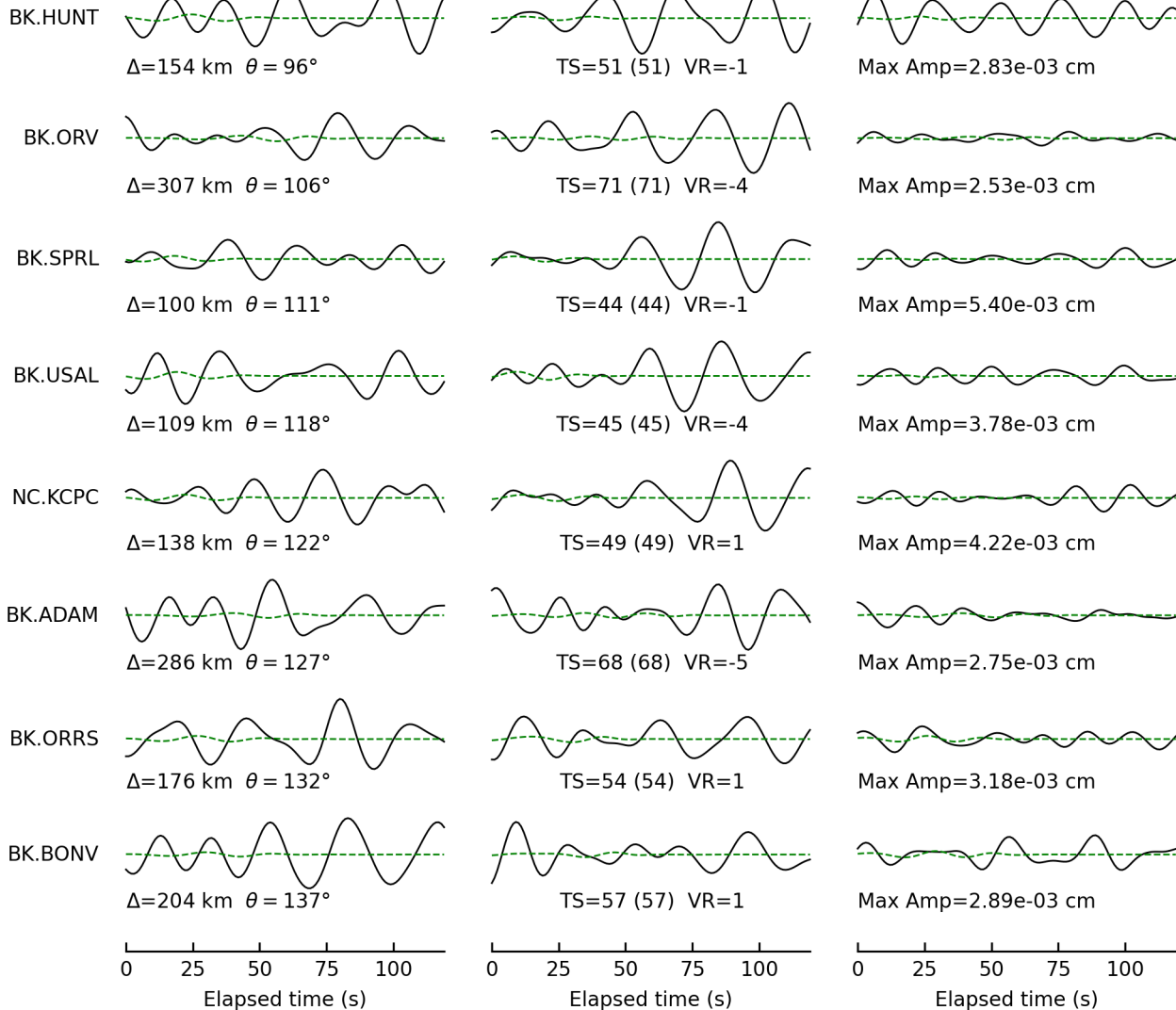
Vertical



Tangential

Radial

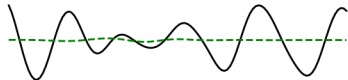
Vertical



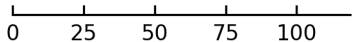


Tangential

BK.HRCH

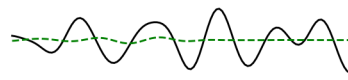


$\Delta=245$  km  $\theta = 143^\circ$

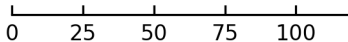


Elapsed time (s)

Radial

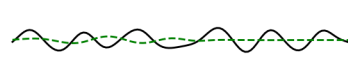


TS=63 (63) VR=-0

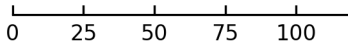


Elapsed time (s)

Vertical



Max Amp=2.32e-03 cm



Elapsed time (s)

# Deviatoric Moment Tensor Inversion

Evid = 75096066

Depth = 32.0 km

Mw = 4.68

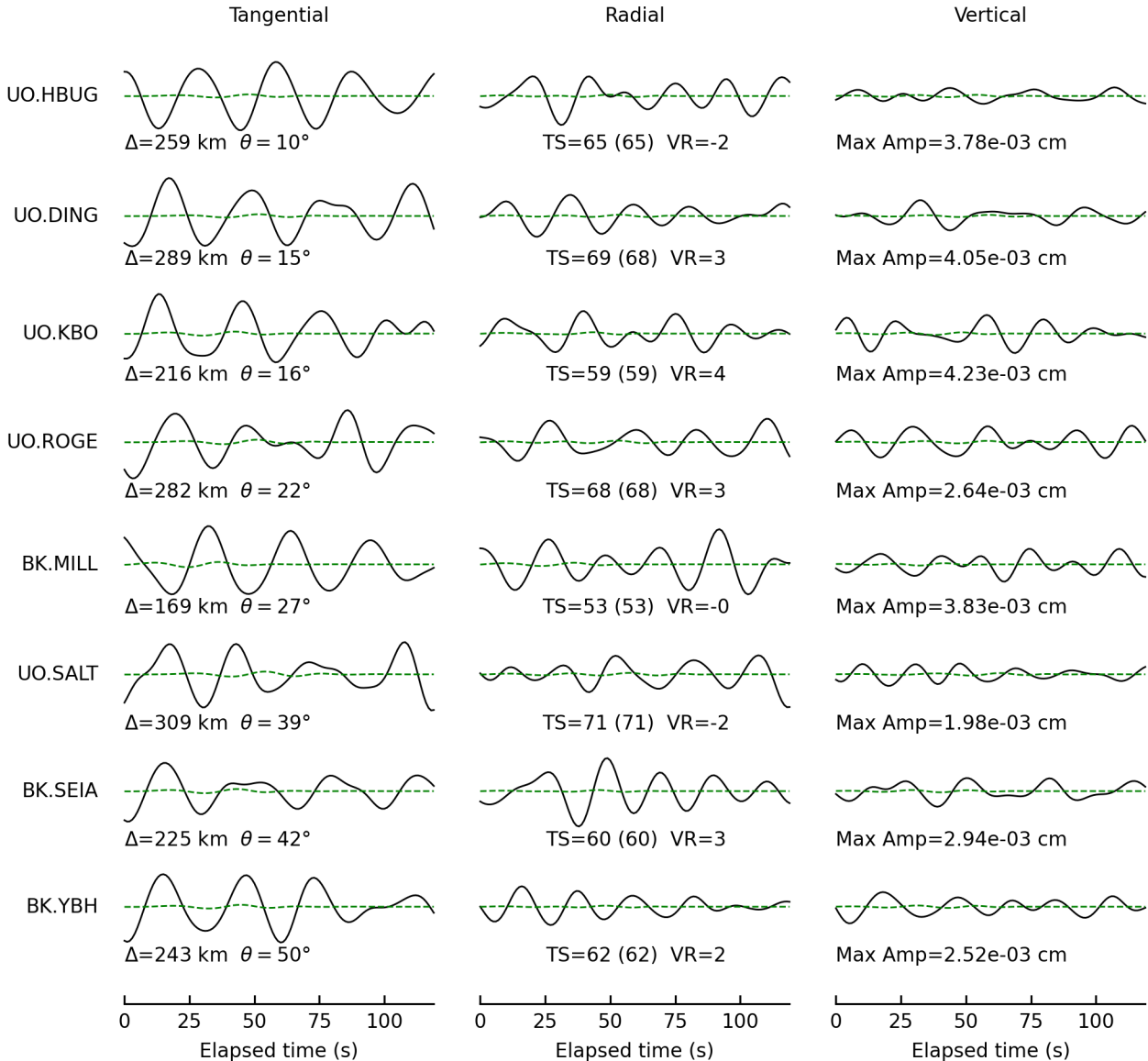
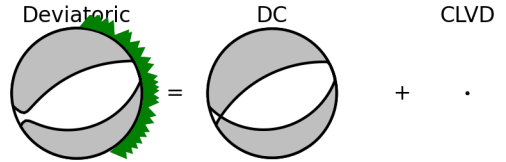
M0 = 1.31e+23 dyne-cm

Percent DC/CLVD/ISO = 99/1/0

sdr = (78,32,-76) (241,59,-99)

npts = 120 vred = 7.692 km/s

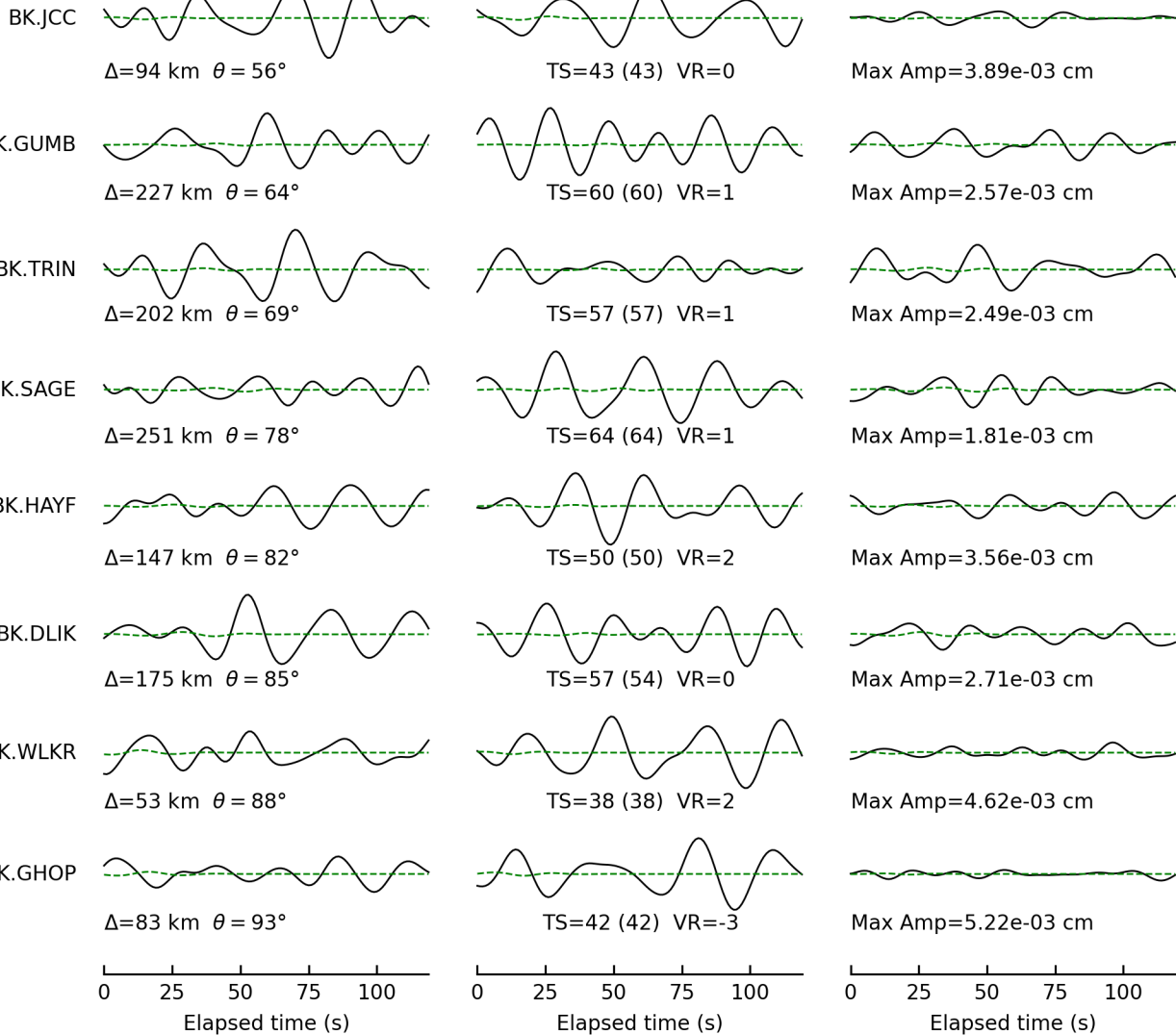
VR = 0.25% lune:0,0



Tangential

Radial

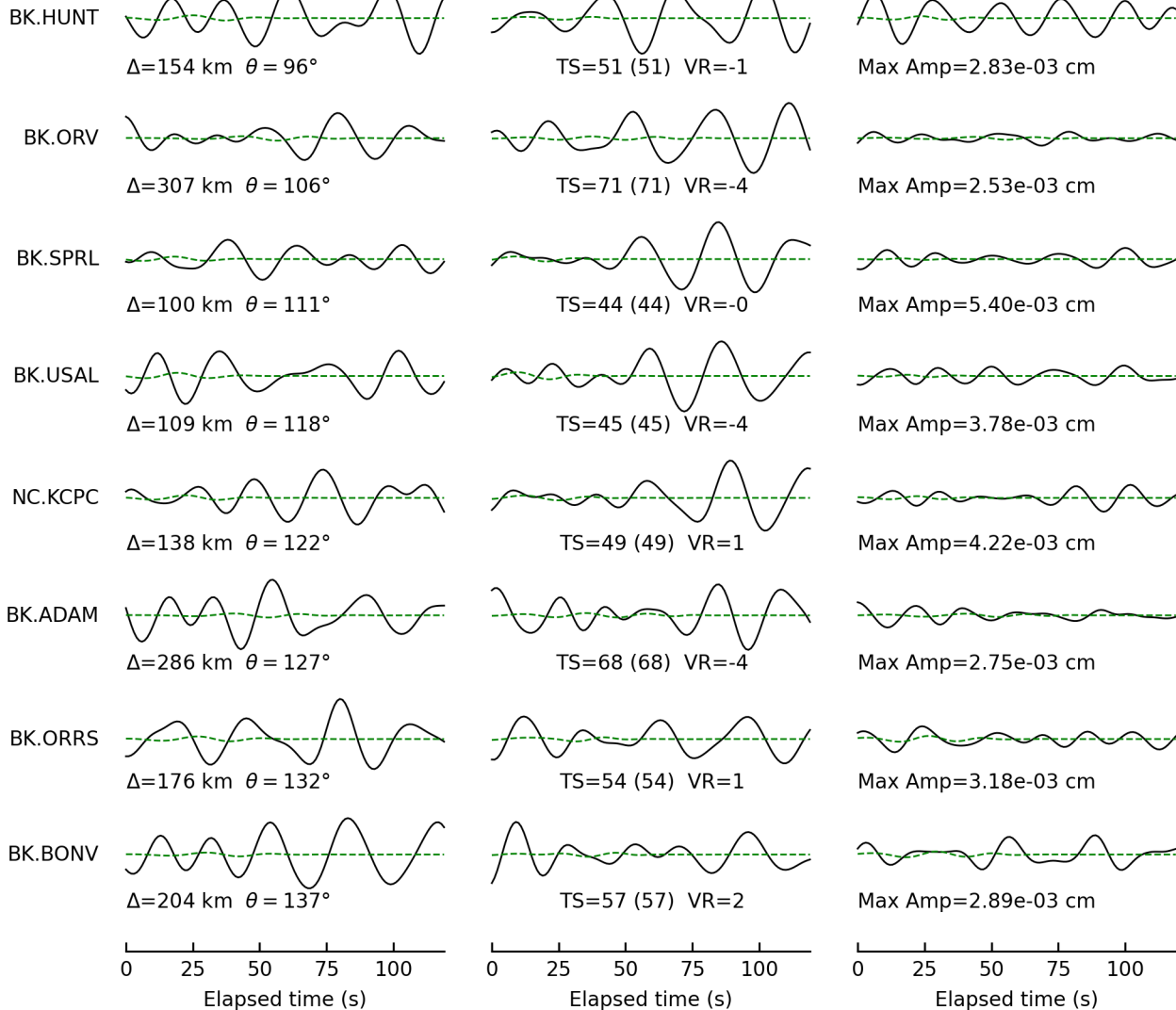
Vertical



Tangential

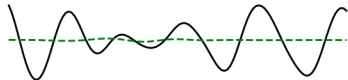
Radial

Vertical

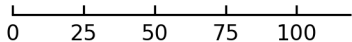


Tangential

BK.HRCH

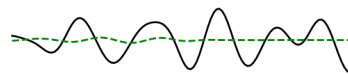


$\Delta=245$  km  $\theta = 143^\circ$

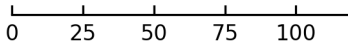


Elapsed time (s)

Radial

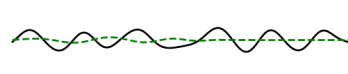


TS=63 (63) VR=-1

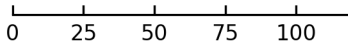


Elapsed time (s)

Vertical



Max Amp=2.32e-03 cm



Elapsed time (s)

# Deviatoric Moment Tensor Inversion

Evid = 75096071

Depth = 2.0 km

Mw = 4.99

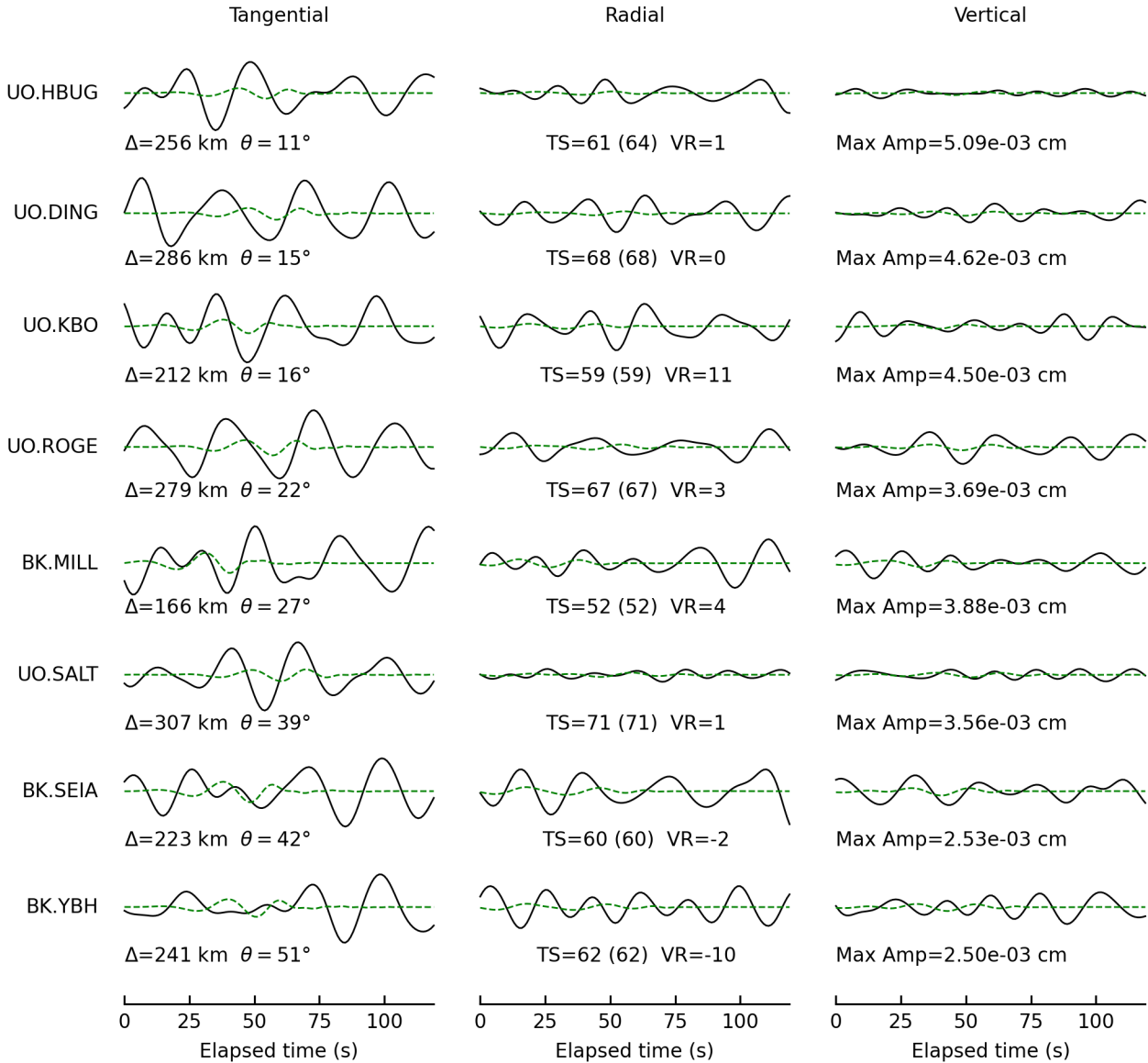
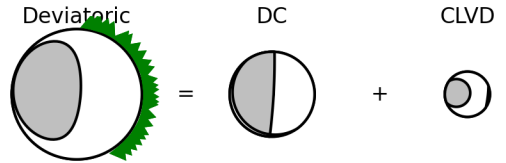
M0 = 3.77e+23 dyne-cm

Percent DC/CLVD/ISO = 65/35/0

sdr = (144,5,51) (3,86,93)

npts = 120 vred = 7.692 km/s

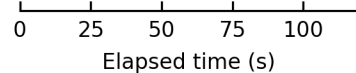
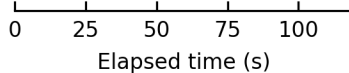
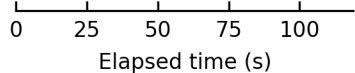
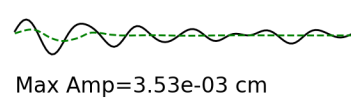
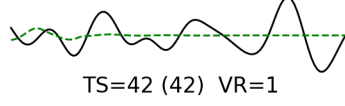
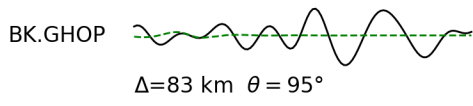
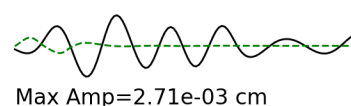
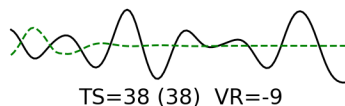
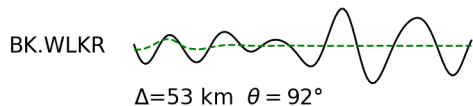
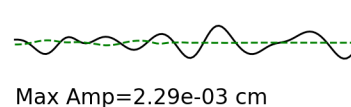
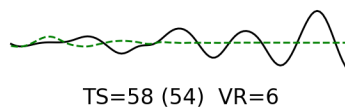
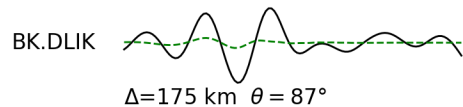
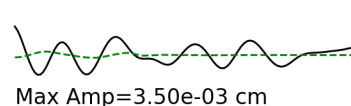
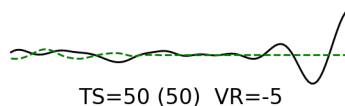
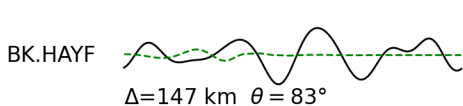
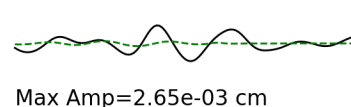
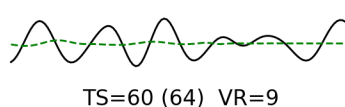
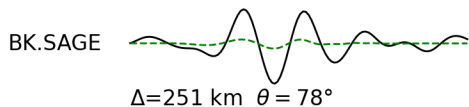
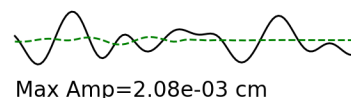
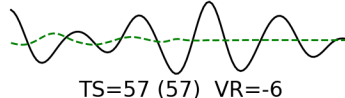
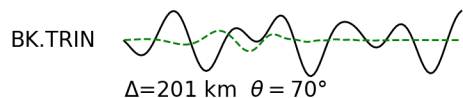
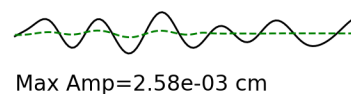
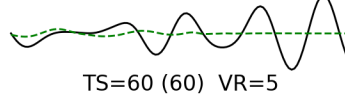
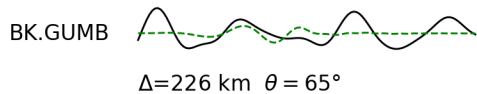
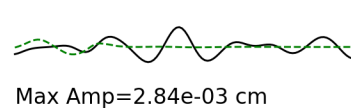
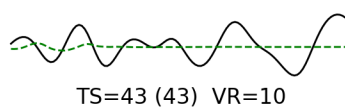
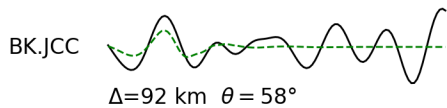
VR = 1.91% lune:-9,0



Tangential

Radial

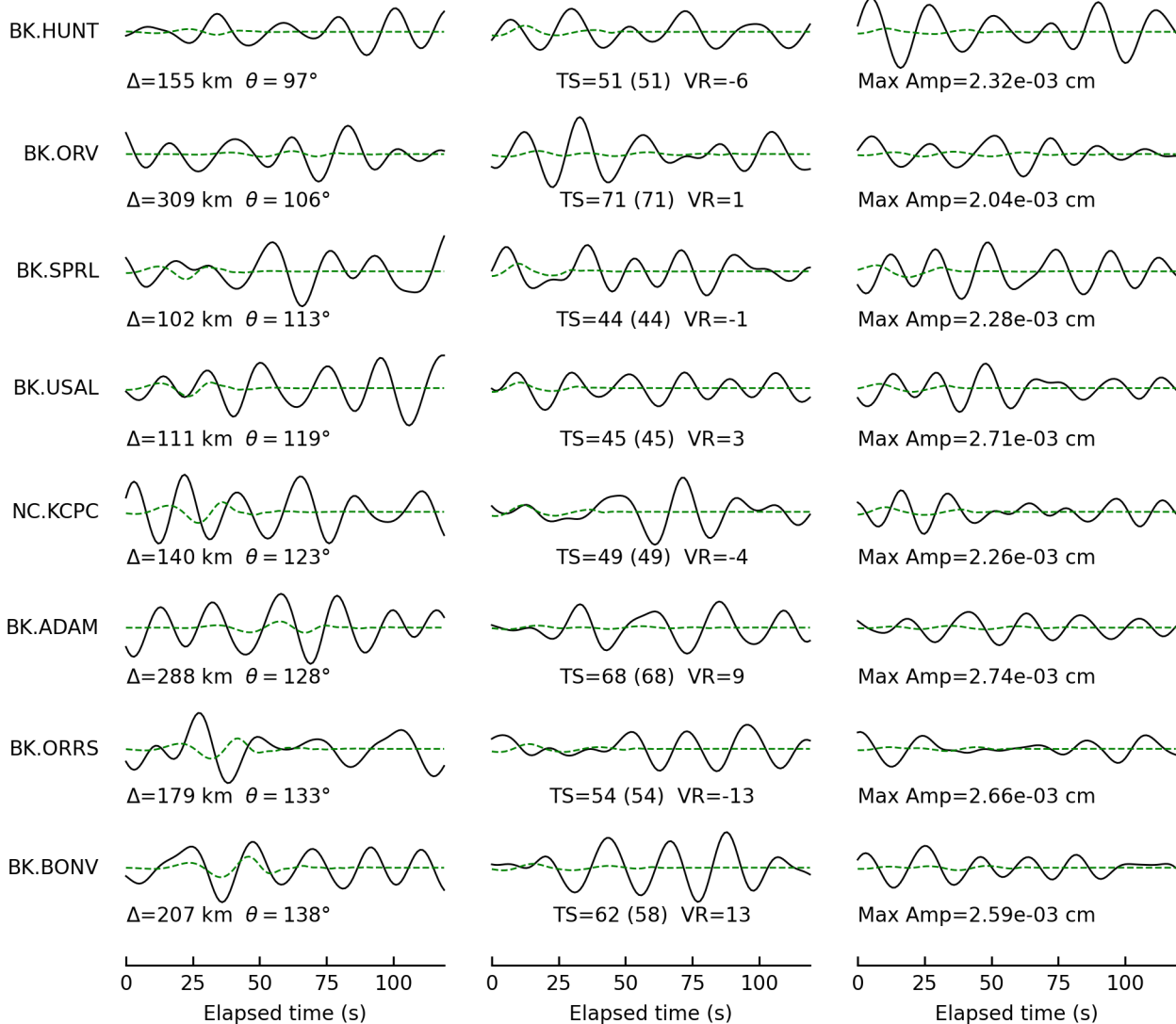
Vertical



Tangential

Radial

Vertical



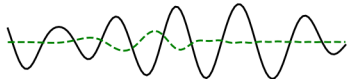


Tangential

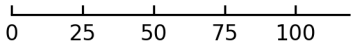
Radial

Vertical

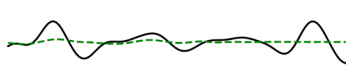
BK.HRCH



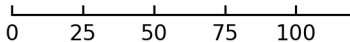
$\Delta=248$  km  $\theta = 143^\circ$



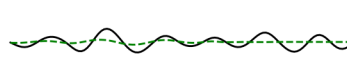
Elapsed time (s)



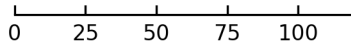
TS=63 (63) VR=-13



Elapsed time (s)



Max Amp=2.71e-03 cm



Elapsed time (s)

Deviatoric Moment Tensor Inversion

Evid = 75096071

Depth = 11.0 km

Mw = 4.72

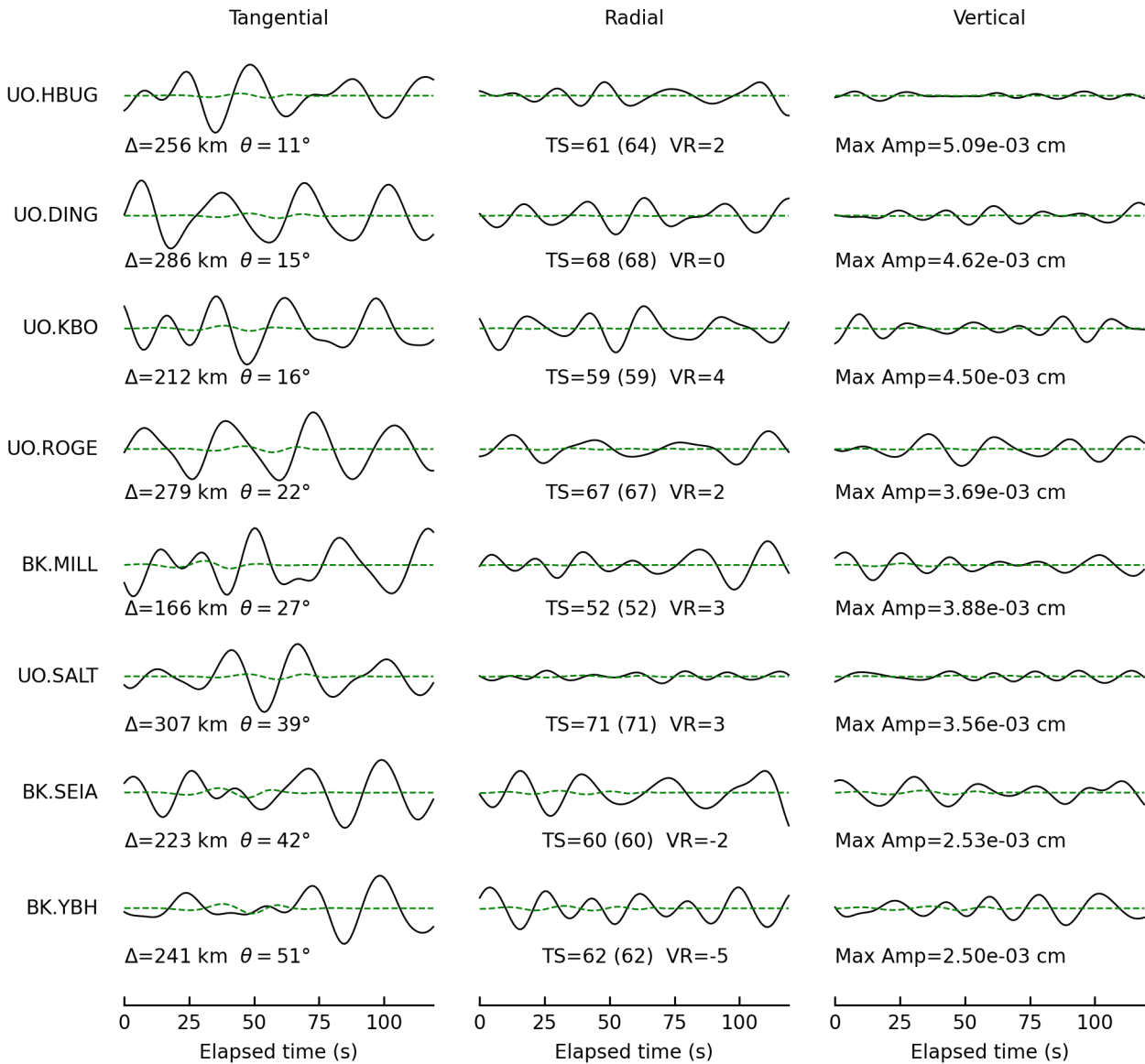
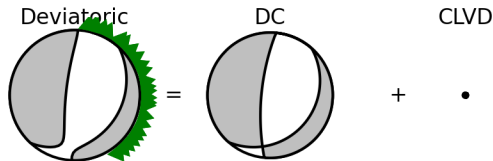
M0 = 1.47e+23 dyne-cm

Percent DC/CLVD/ISO = 96/4/0

sdr = (41,19,-56) (185,74,-101)

npts = 120 vred = 7.692 km/s

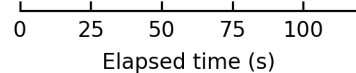
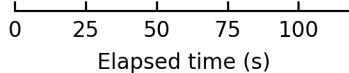
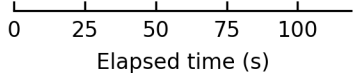
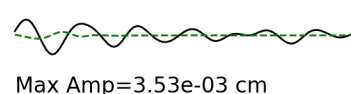
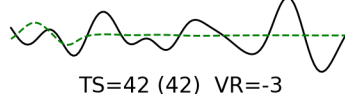
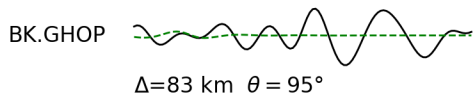
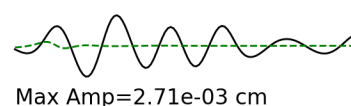
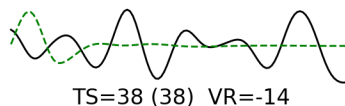
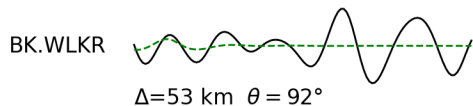
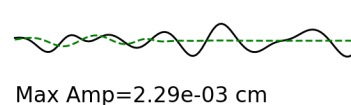
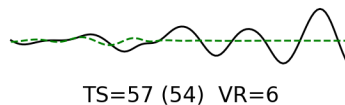
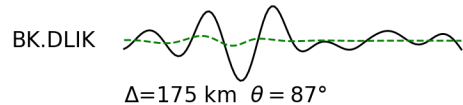
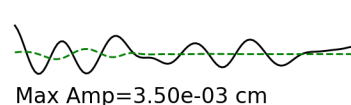
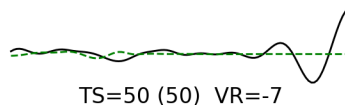
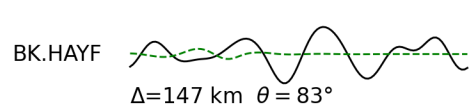
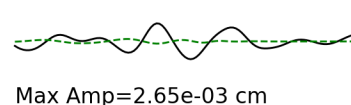
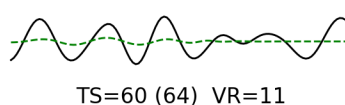
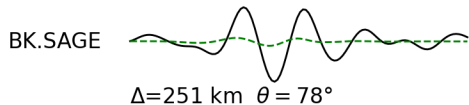
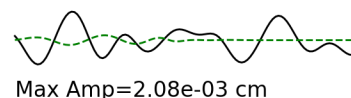
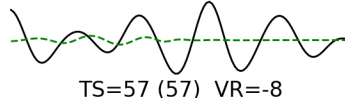
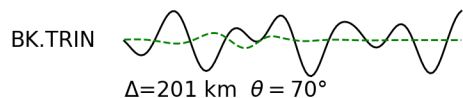
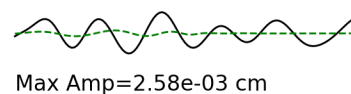
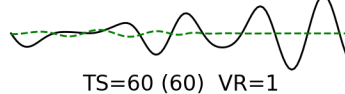
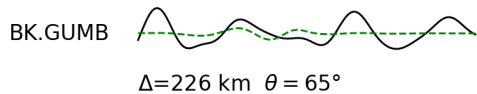
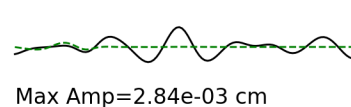
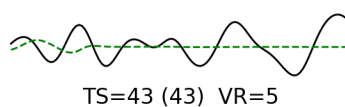
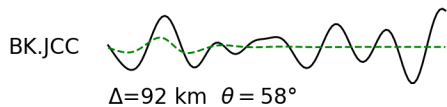
VR = 0.88% lune:-1,0



Tangential

Radial

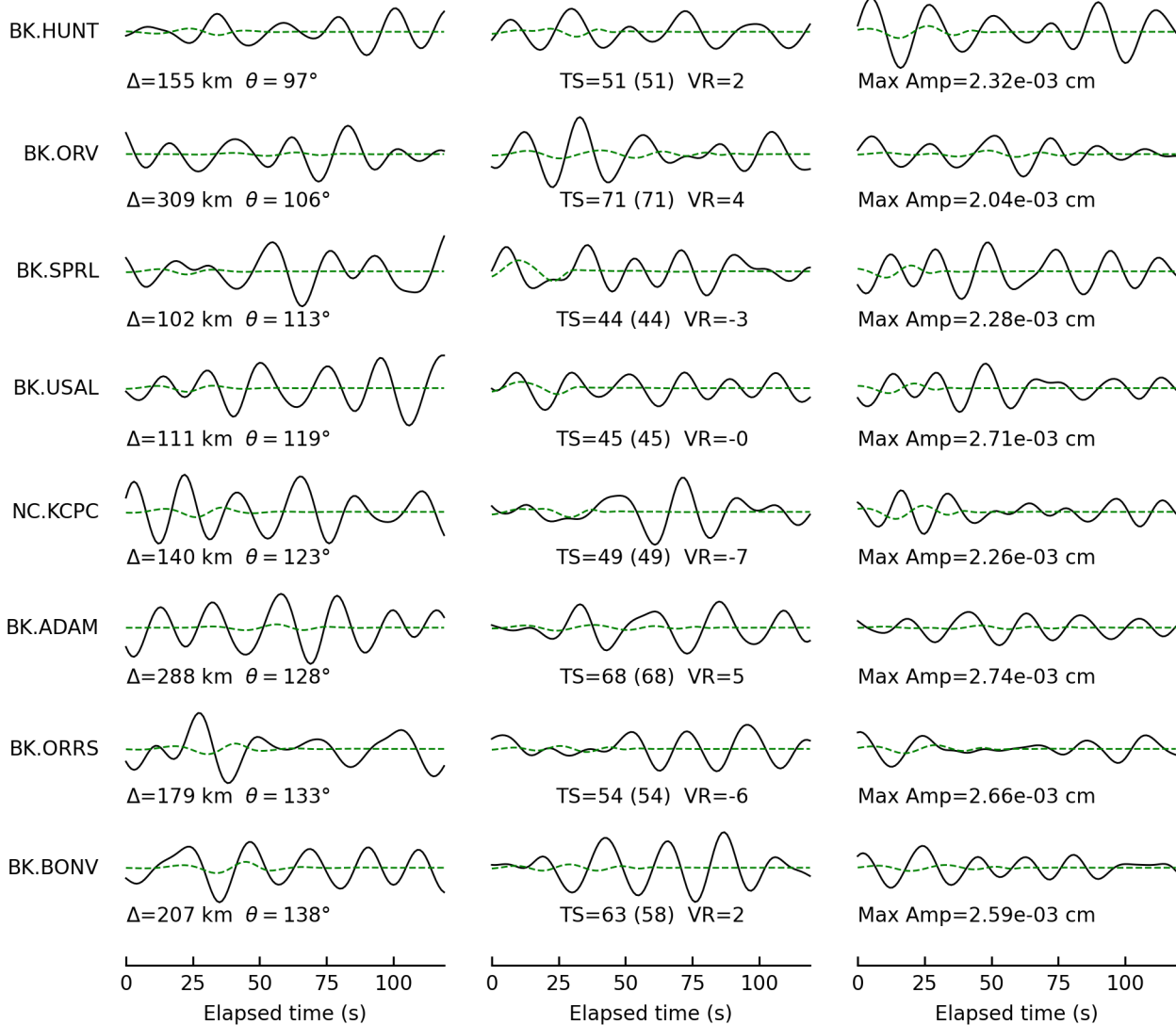
Vertical



Tangential

Radial

Vertical

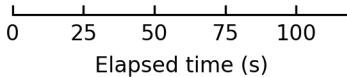
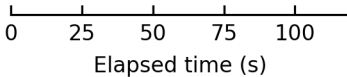
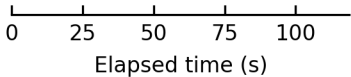
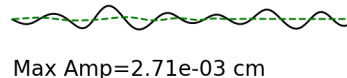
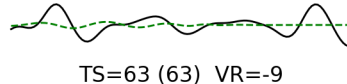
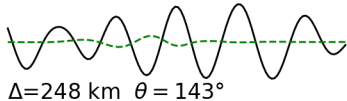


Tangential

Radial

Vertical

BK.HRCH



# Deviatoric Moment Tensor Inversion

Evid = 75096146

Depth = 12.0 km

Mw = 4.48

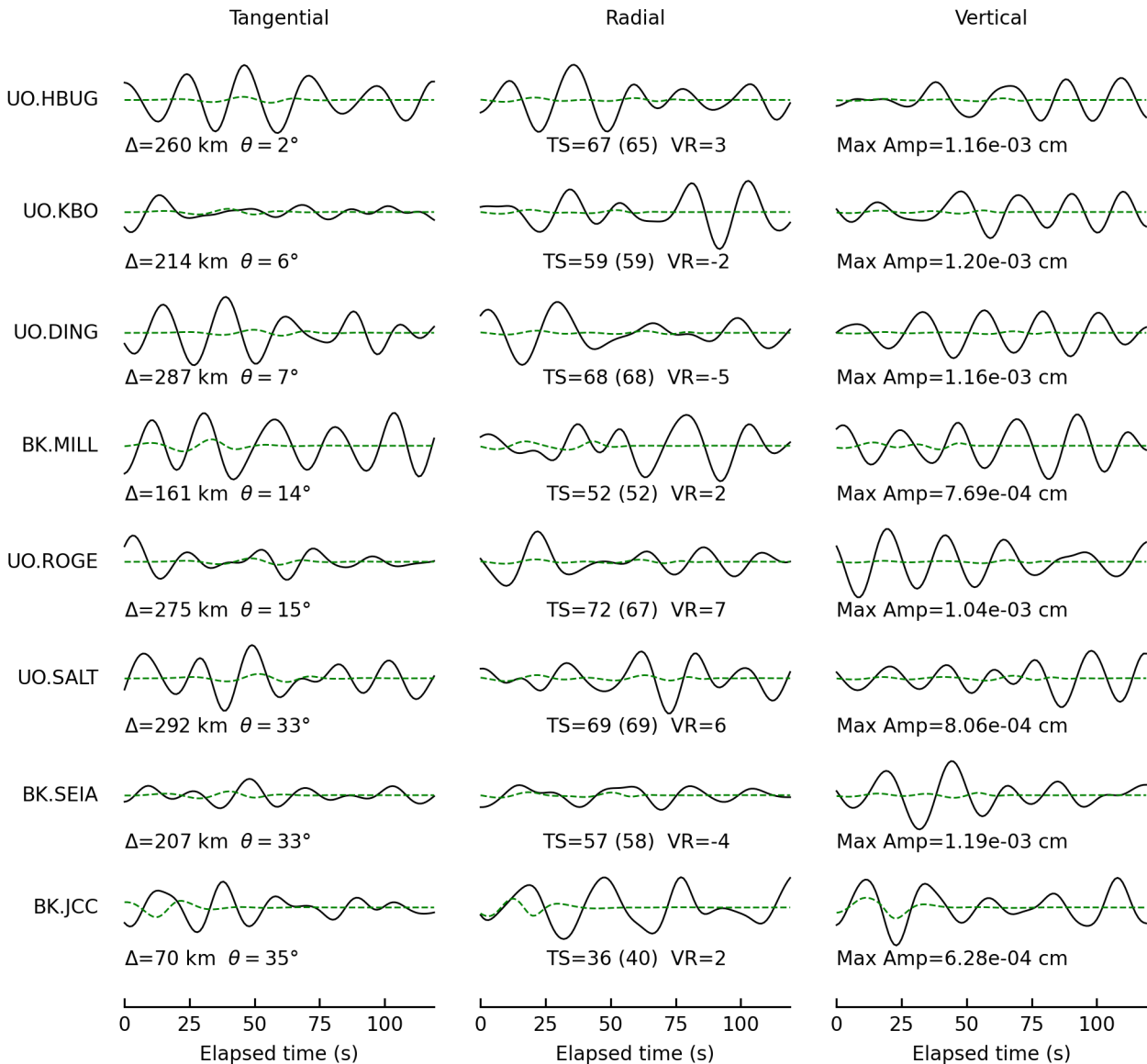
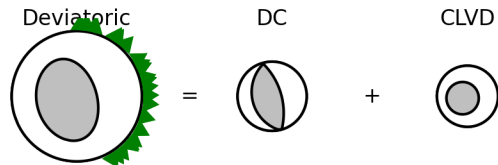
M0 = 6.48e+22 dyne-cm

Percent DC/CLVD/ISO = 53/47/0

sdr = (344,60,88) (168,30,93)

npts = 120 vred = 7.692 km/s

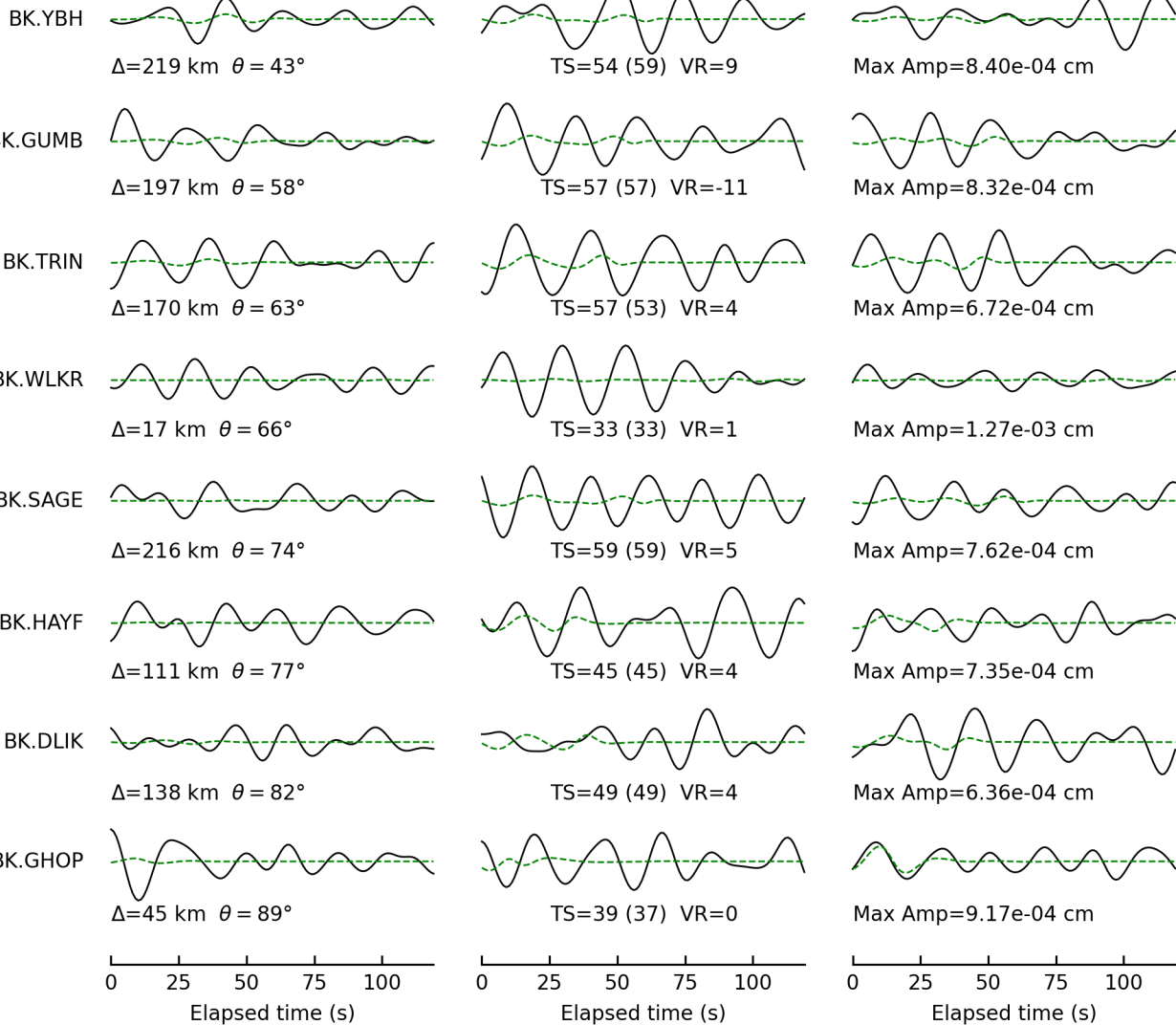
VR = 1.11% lune:-13,0



Tangential

Radial

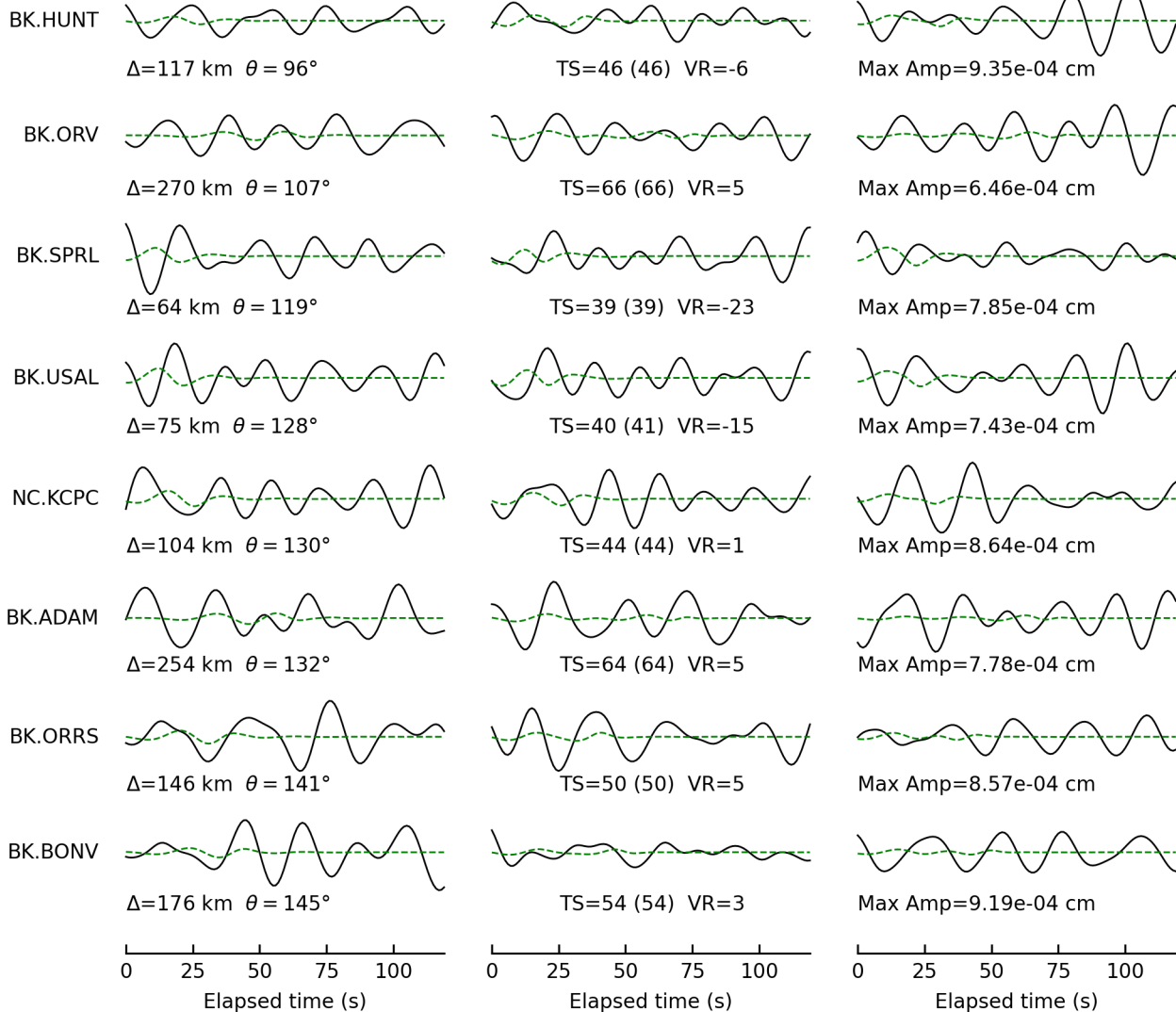
Vertical



Tangential

Radial

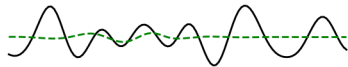
Vertical



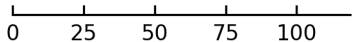


BK.HRCH

Tangential

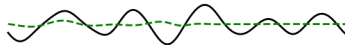


$\Delta=220$  km  $\theta = 150^\circ$

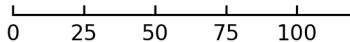


Elapsed time (s)

Radial

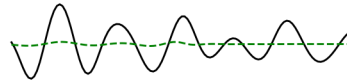


TS=63 (60) VR=3

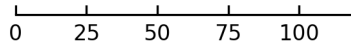


Elapsed time (s)

Vertical



Max Amp=1.01e-03 cm



Elapsed time (s)

Deviatoric Moment Tensor Inversion

Evid = 75096146

Depth = 6.0 km

Mw = 4.36

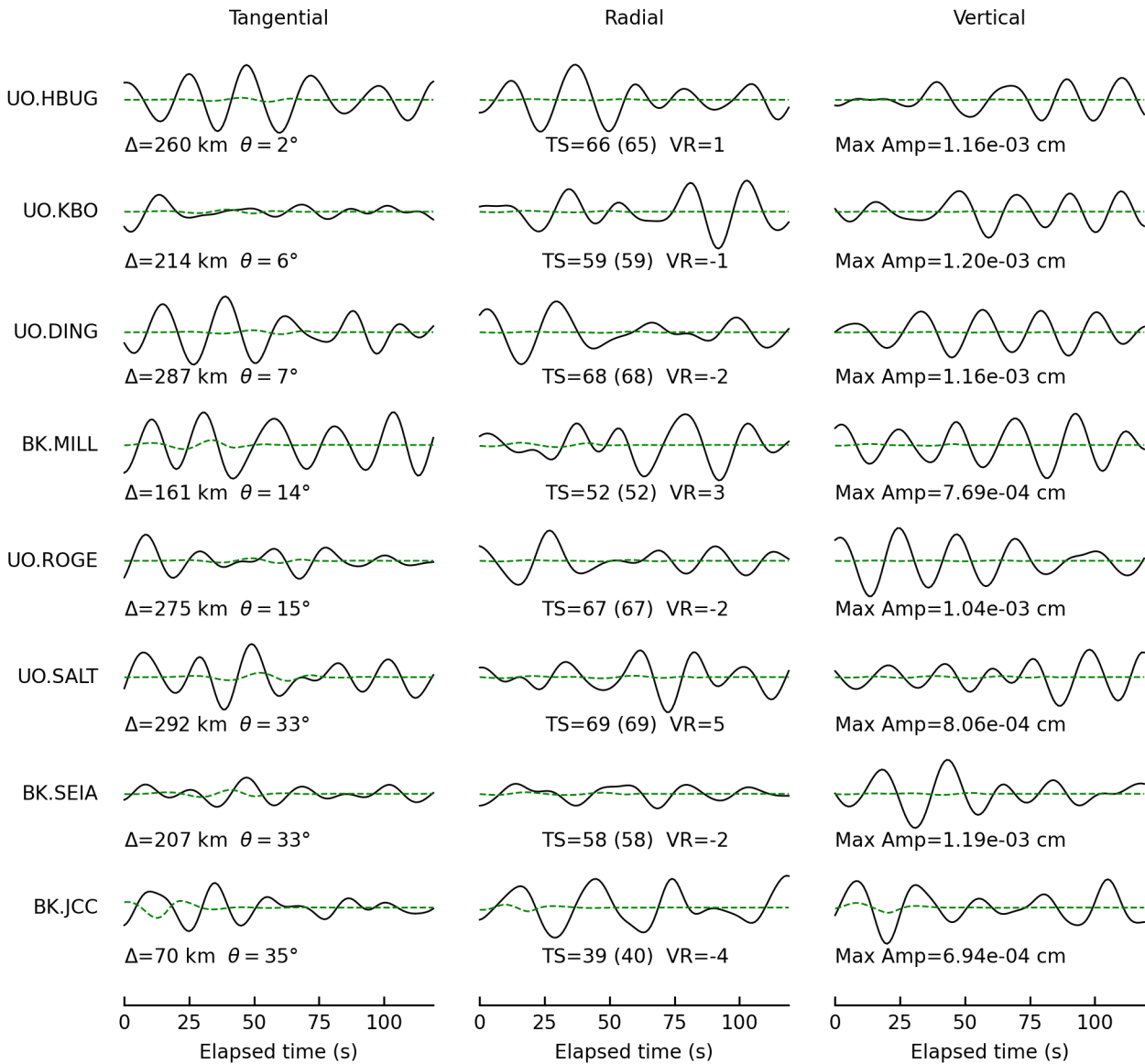
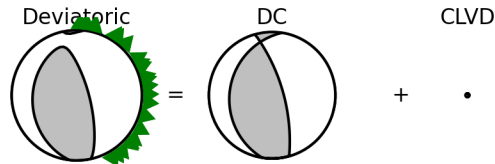
M0 = 4.30e+22 dyne-cm

Percent DC/CLVD/ISO = 97/3/0

sdr = (189,22,113) (344,70,81)

npts = 120 vred = 7.692 km/s

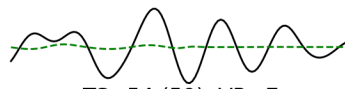
VR = 0.60% lune:-1,0



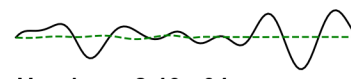
Tangential

Radial

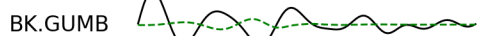
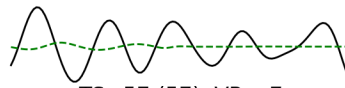
Vertical

 $\Delta=219$  km  $\theta = 43^\circ$ 

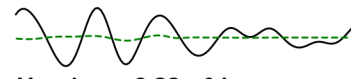
TS=54 (59) VR=7



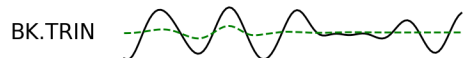
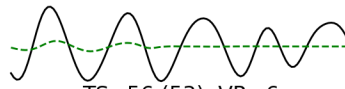
Max Amp=8.40e-04 cm

 $\Delta=197$  km  $\theta = 58^\circ$ 

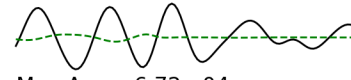
TS=57 (57) VR=-7



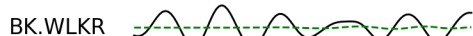
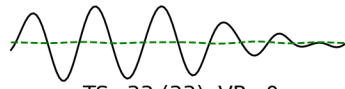
Max Amp=8.32e-04 cm

 $\Delta=170$  km  $\theta = 63^\circ$ 

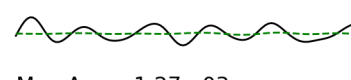
TS=56 (53) VR=6



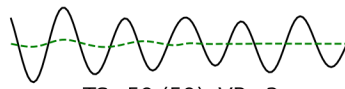
Max Amp=6.72e-04 cm

 $\Delta=17$  km  $\theta = 66^\circ$ 

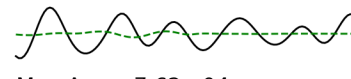
TS=33 (33) VR=0



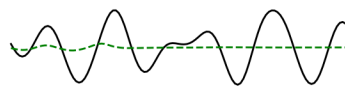
Max Amp=1.27e-03 cm

 $\Delta=216$  km  $\theta = 74^\circ$ 

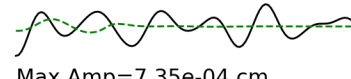
TS=59 (59) VR=3



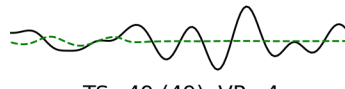
Max Amp=7.62e-04 cm

 $\Delta=111$  km  $\theta = 77^\circ$ 

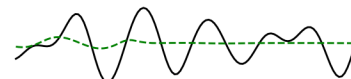
TS=45 (45) VR=1



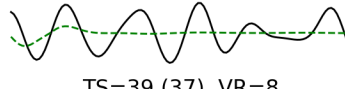
Max Amp=7.35e-04 cm

 $\Delta=138$  km  $\theta = 82^\circ$ 

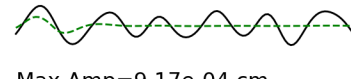
TS=49 (49) VR=4



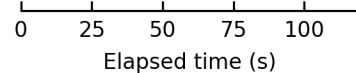
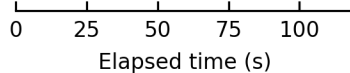
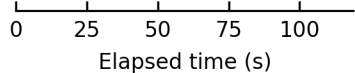
Max Amp=6.36e-04 cm

 $\Delta=45$  km  $\theta = 89^\circ$ 

TS=39 (37) VR=8



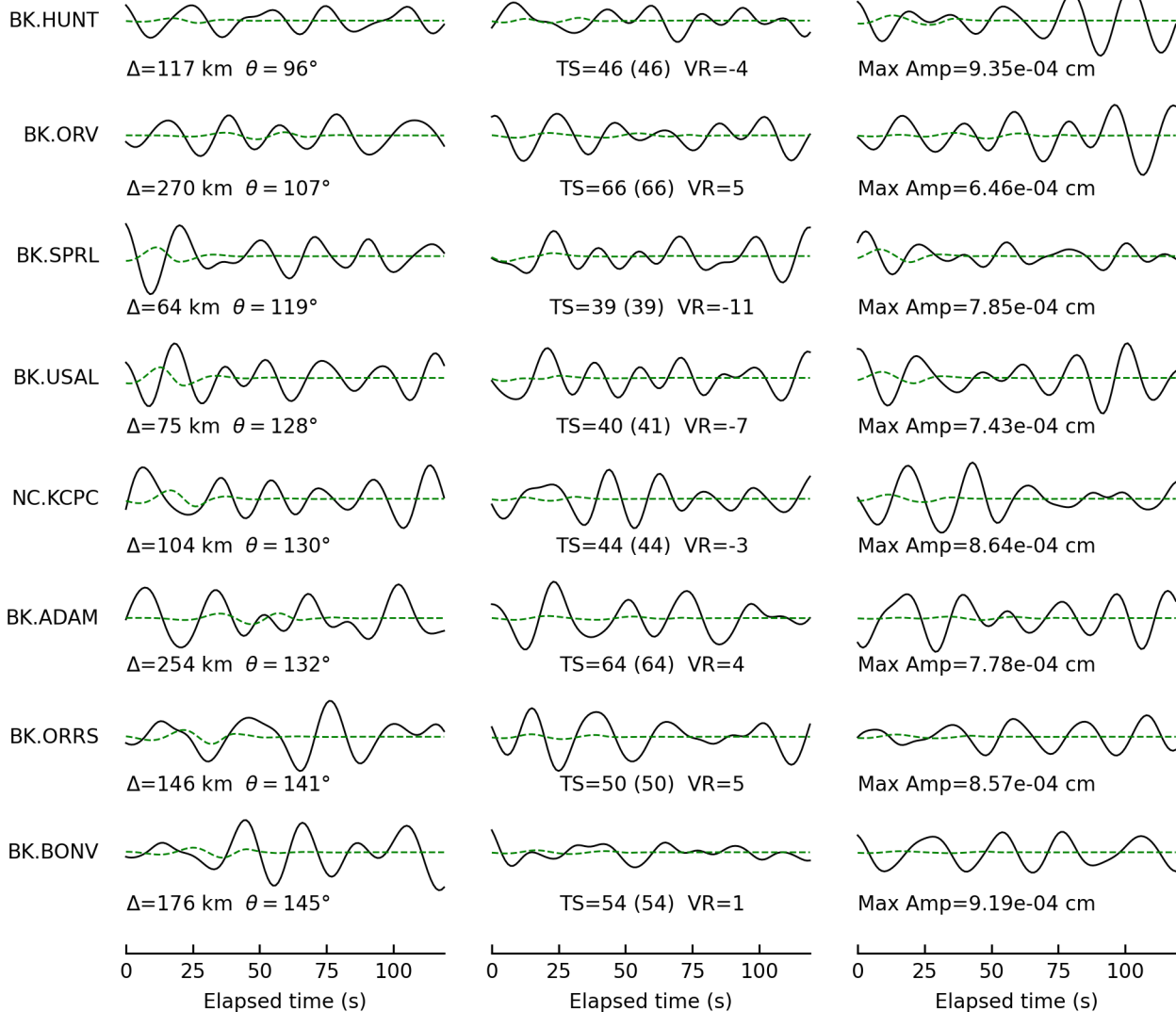
Max Amp=9.17e-04 cm



Tangential

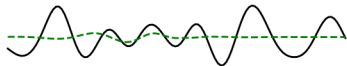
Radial

Vertical

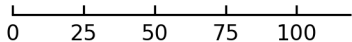


BK.HRCH

Tangential

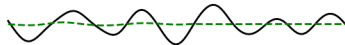


$\Delta=220$  km  $\theta = 150^\circ$

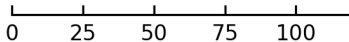


Elapsed time (s)

Radial

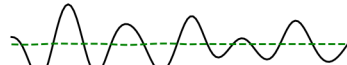


TS=60 (60) VR=-1

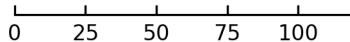


Elapsed time (s)

Vertical



Max Amp=1.01e-03 cm



Elapsed time (s)

# Deviatoric Moment Tensor Inversion

Evid = 75096151

Depth = 2.0 km

Mw = 4.42

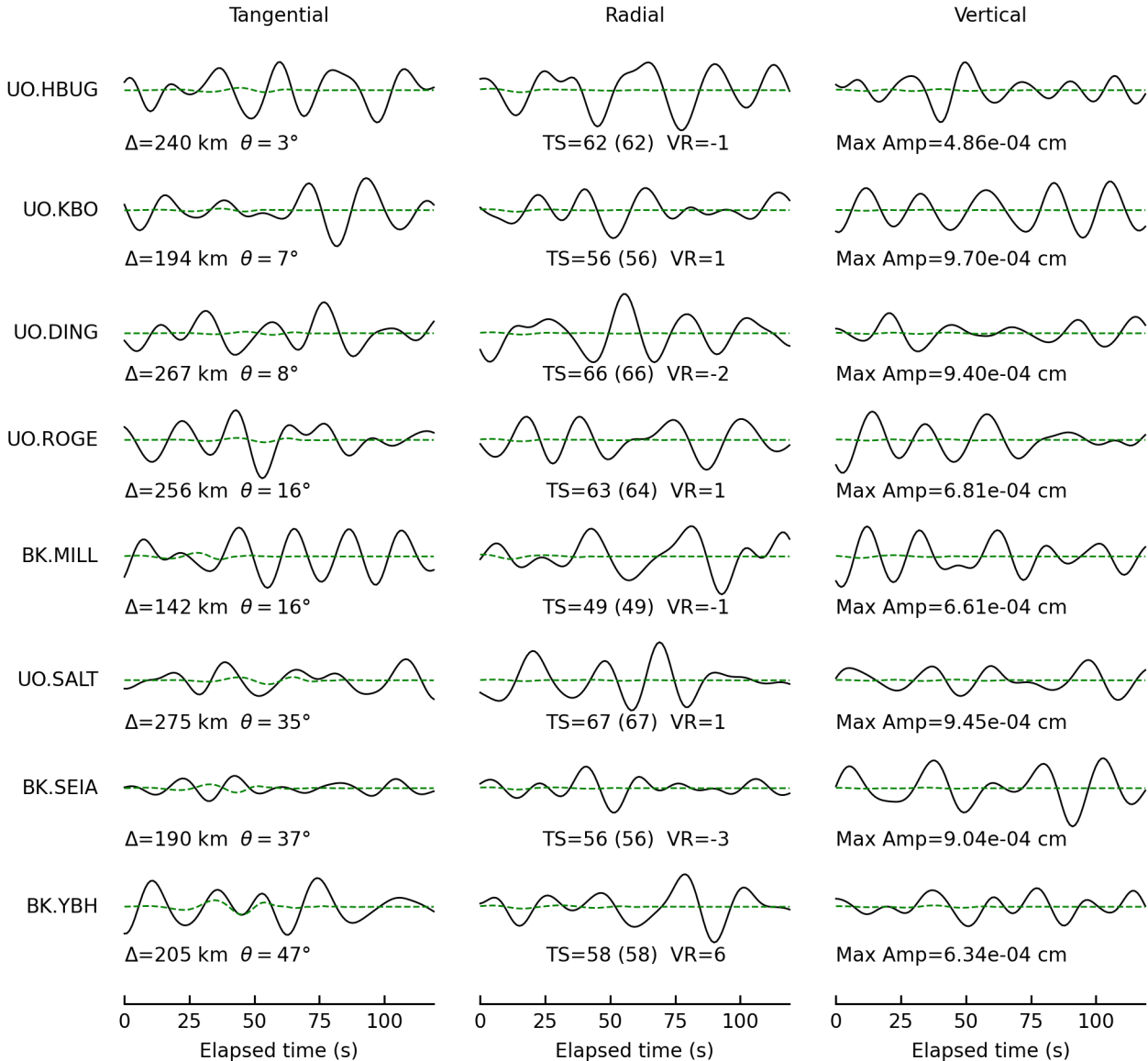
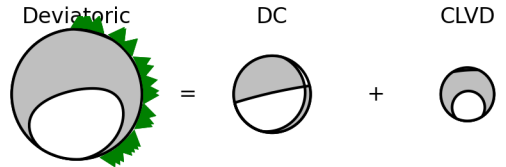
M0 = 5.23e+22 dyne-cm

Percent DC/CLVD/ISO = 59/41/0

sdr = (257,86,-82) (16,9,-151)

npts = 120 vred = 7.692 km/s

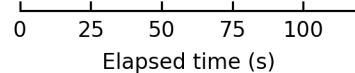
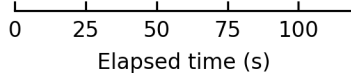
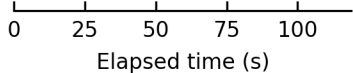
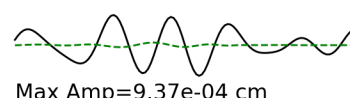
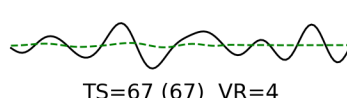
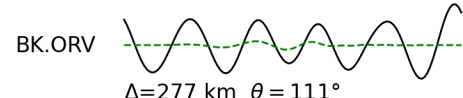
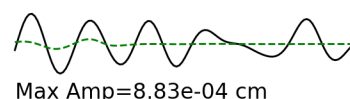
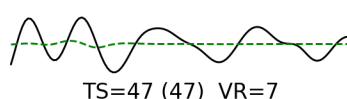
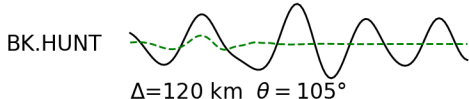
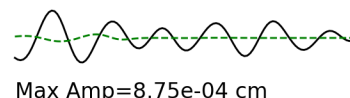
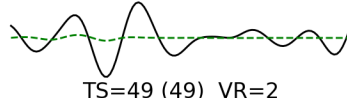
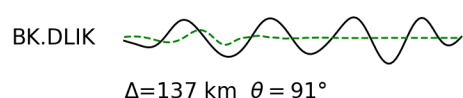
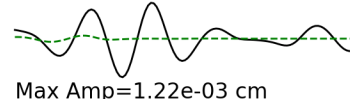
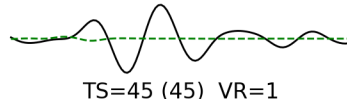
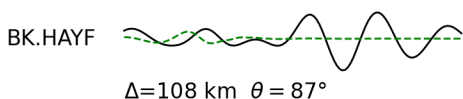
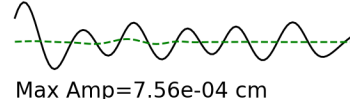
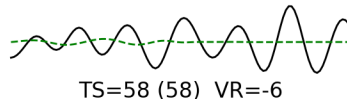
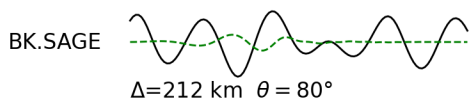
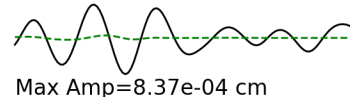
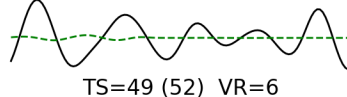
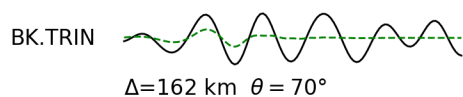
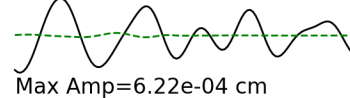
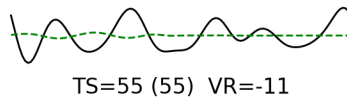
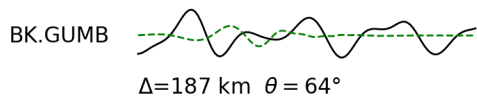
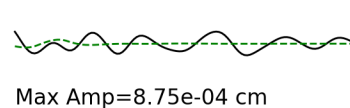
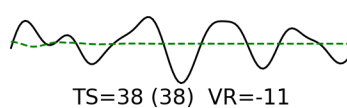
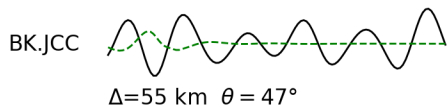
VR = 0.73% lune:11,0



Tangential

Radial

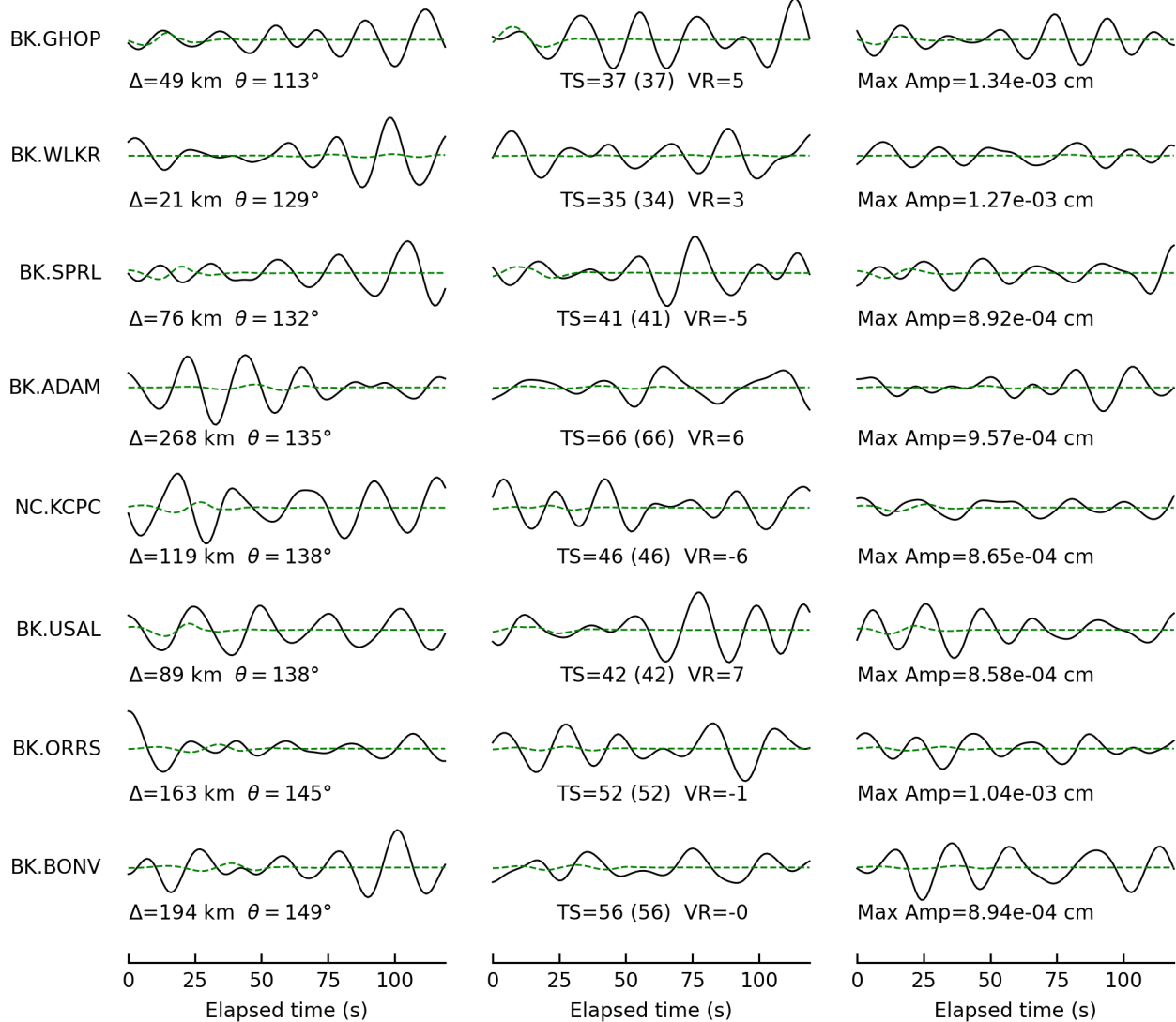
Vertical



Tangential

Radial

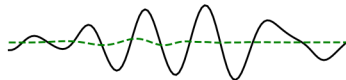
Vertical



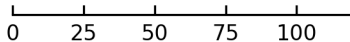


BK.HRCH

Tangential

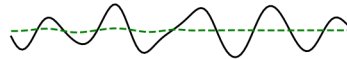


$\Delta=238$  km  $\theta = 152^\circ$

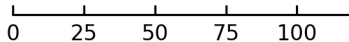


Elapsed time (s)

Radial

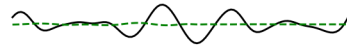


TS=62 (62) VR=3

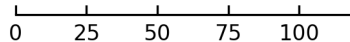


Elapsed time (s)

Vertical



Max Amp=8.74e-04 cm



Elapsed time (s)

# Deviatoric Moment Tensor Inversion

Evid = 75096151

Depth = 17.0 km

Mw = 4.28

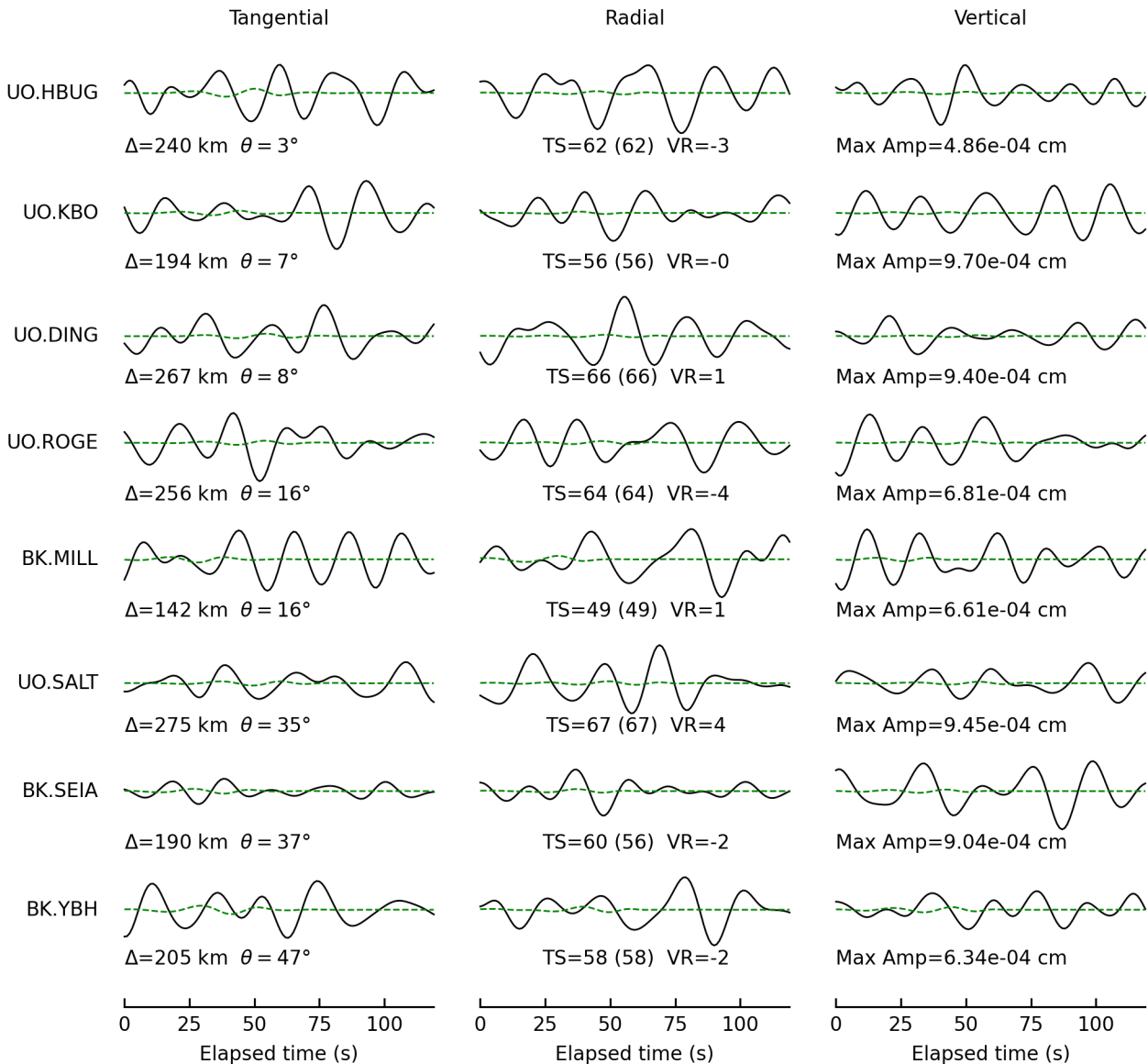
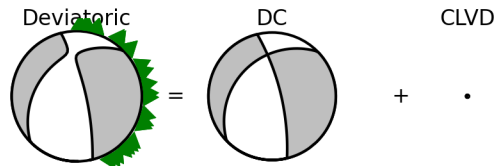
M0 = 3.29e+22 dyne-cm

Percent DC/CLVD/ISO = 98/2/0

sdr = (225,29,-35) (347,74,-114)

npts = 120 vred = 7.692 km/s

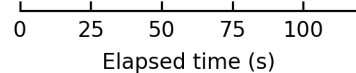
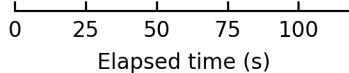
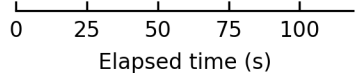
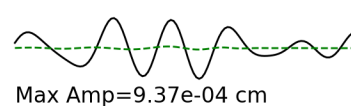
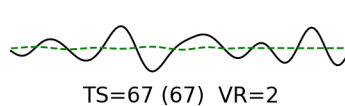
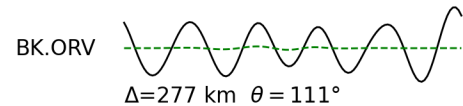
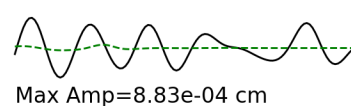
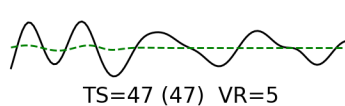
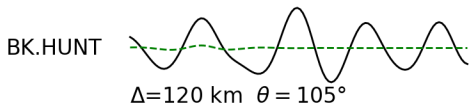
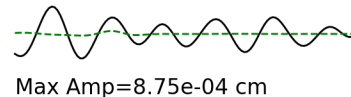
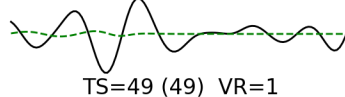
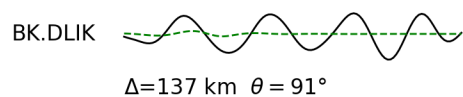
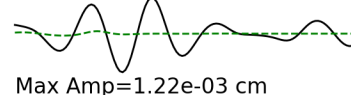
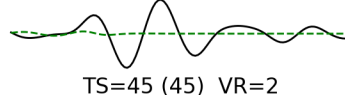
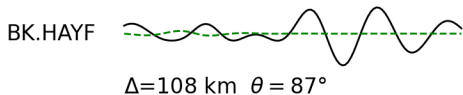
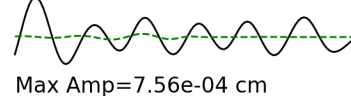
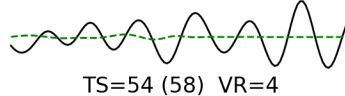
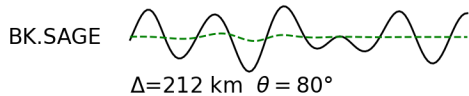
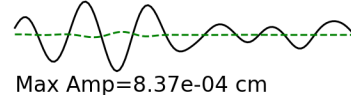
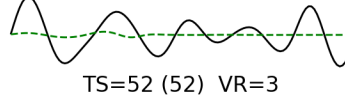
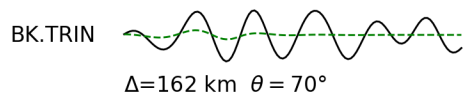
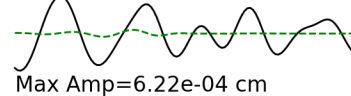
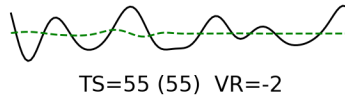
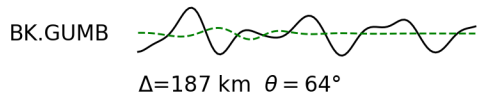
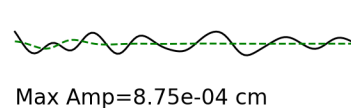
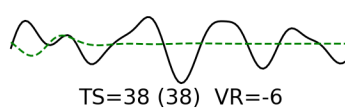
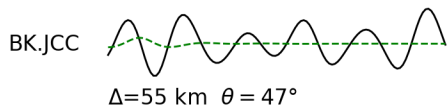
VR = 0.43% lune:-1,0



Tangential

Radial

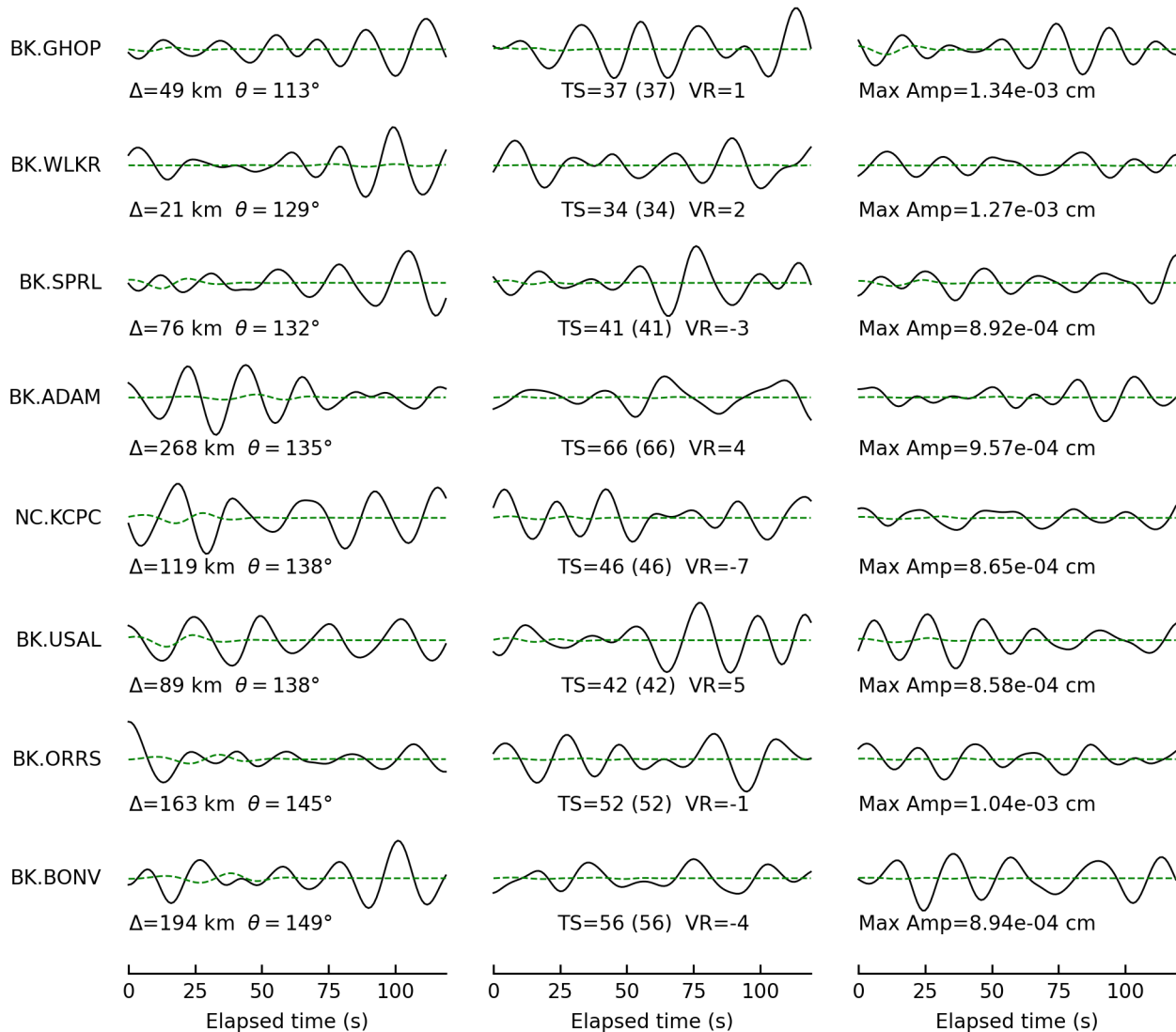
Vertical



Tangential

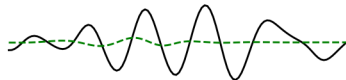
Radial

Vertical

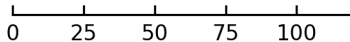


BK.HRCH

Tangential

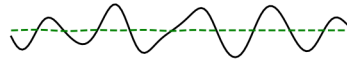


$\Delta=238$  km  $\theta = 152^\circ$

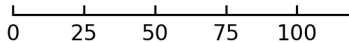


Elapsed time (s)

Radial

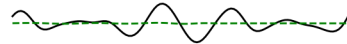


TS=62 (62) VR=1

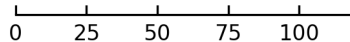


Elapsed time (s)

Vertical



Max Amp=8.74e-04 cm



Elapsed time (s)

# Deviatoric Moment Tensor Inversion

Evid = 75096156

Depth = 34.0 km

Mw = 4.52

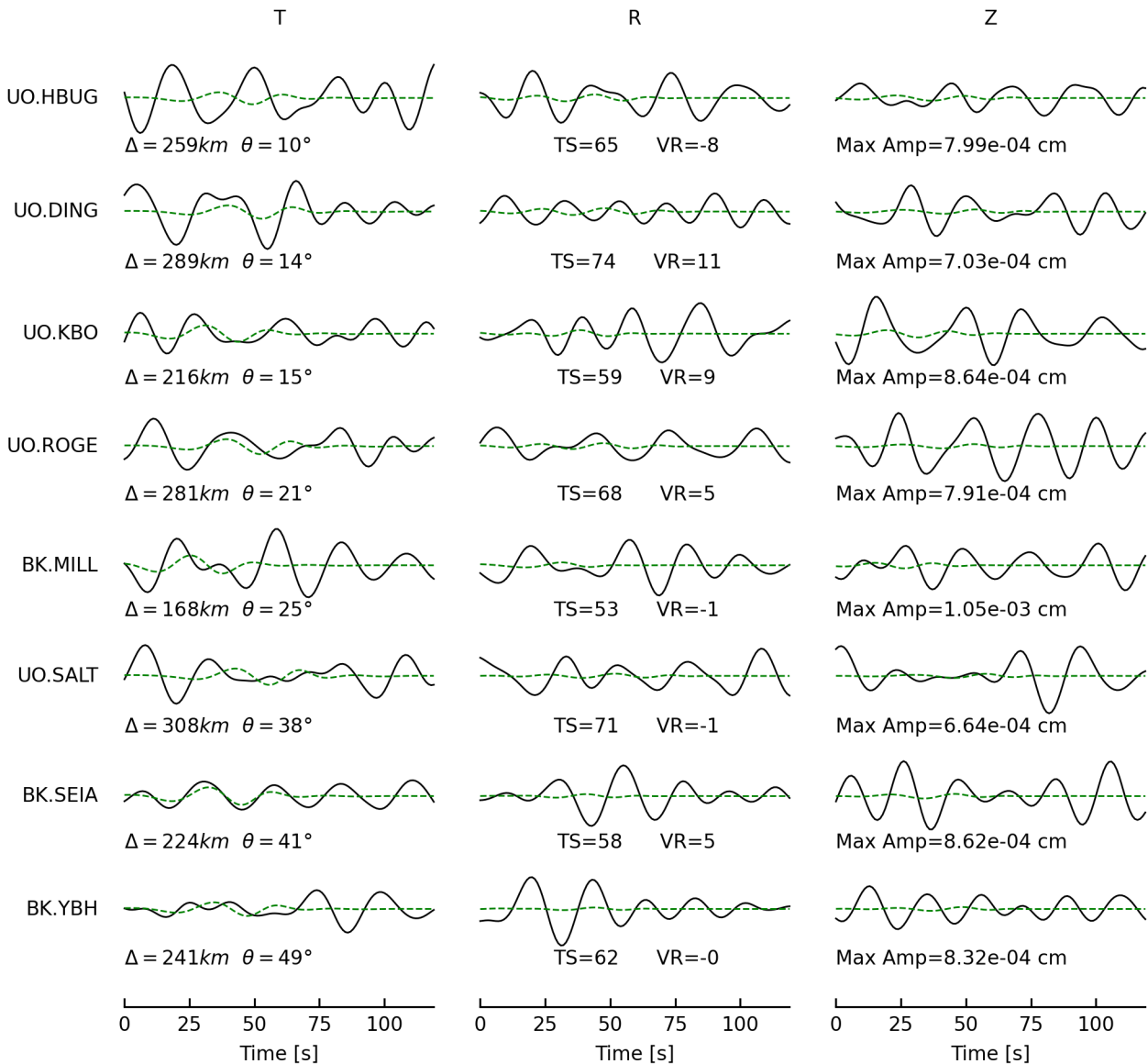
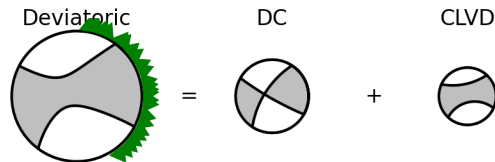
M0 = 7.61e+22 dyne-cm

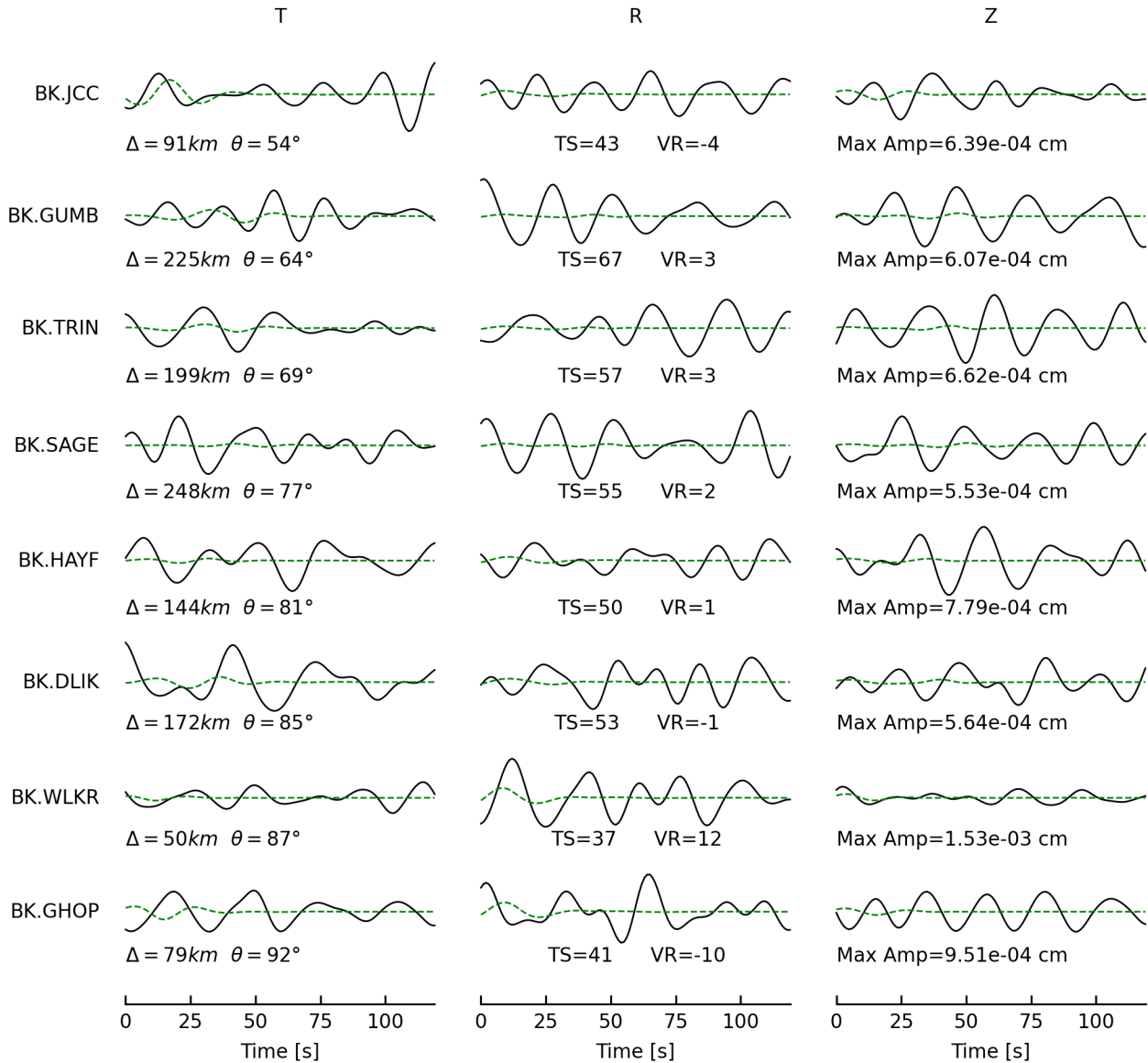
Percent DC/CLVD/ISO = 56/44/0

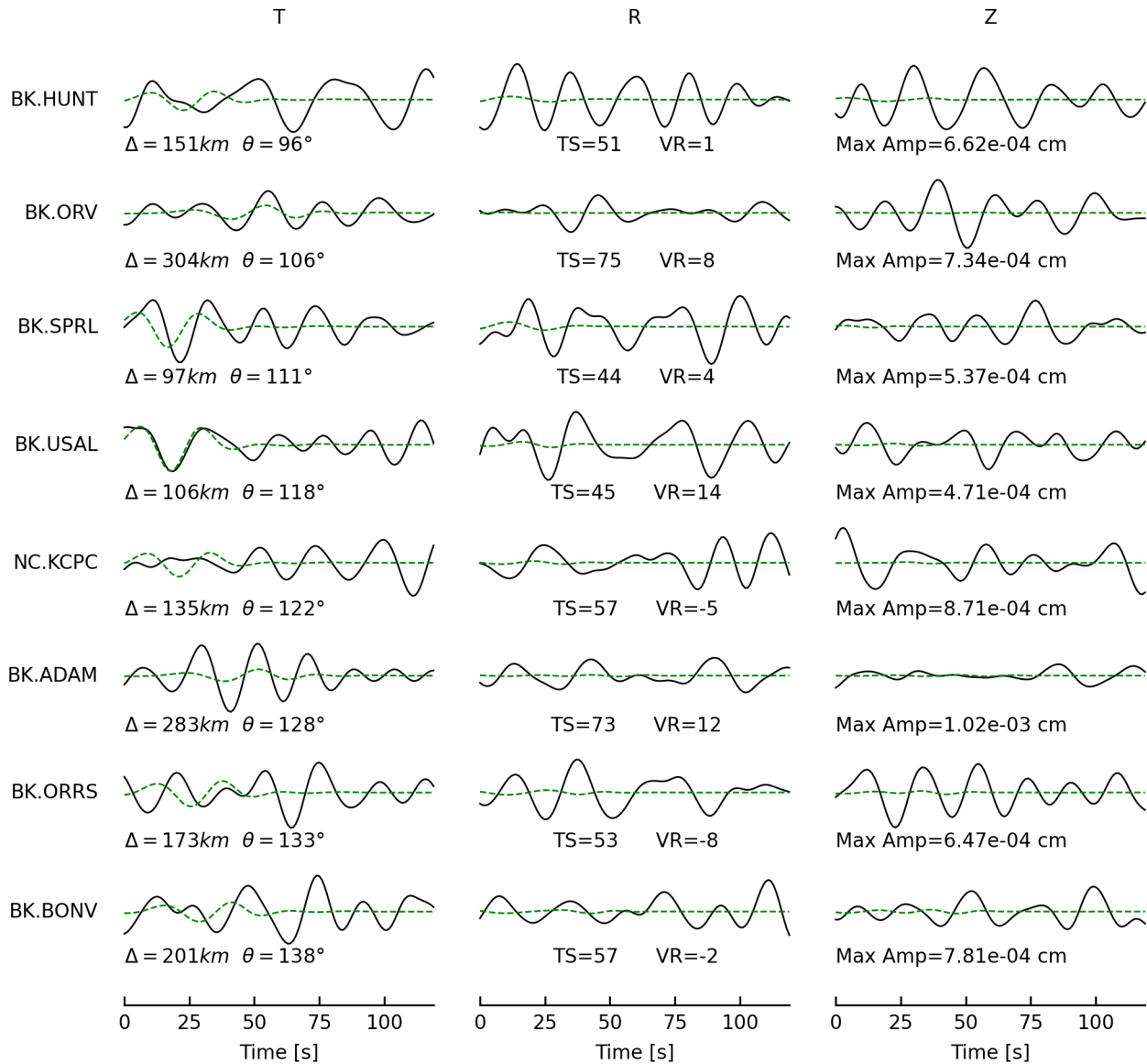
sdr = (213,66,7) (120,83,156)

npts = 120 vred = 7.692 km/s

VR = 2.14% lune:12,0



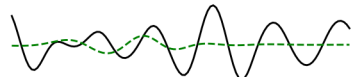




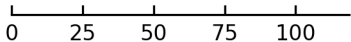


BK.HRCH

T

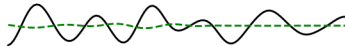


$\Delta = 243km$   $\theta = 143^\circ$

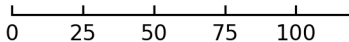


Time [s]

R

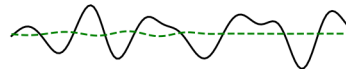


TS=71 VR=-3

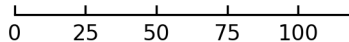


Time [s]

Z



Max Amp=7.32e-04 cm



Time [s]

# Deviatoric Moment Tensor Inversion

Evid = 75096156

Depth = 19.0 km

Mw = 4.45

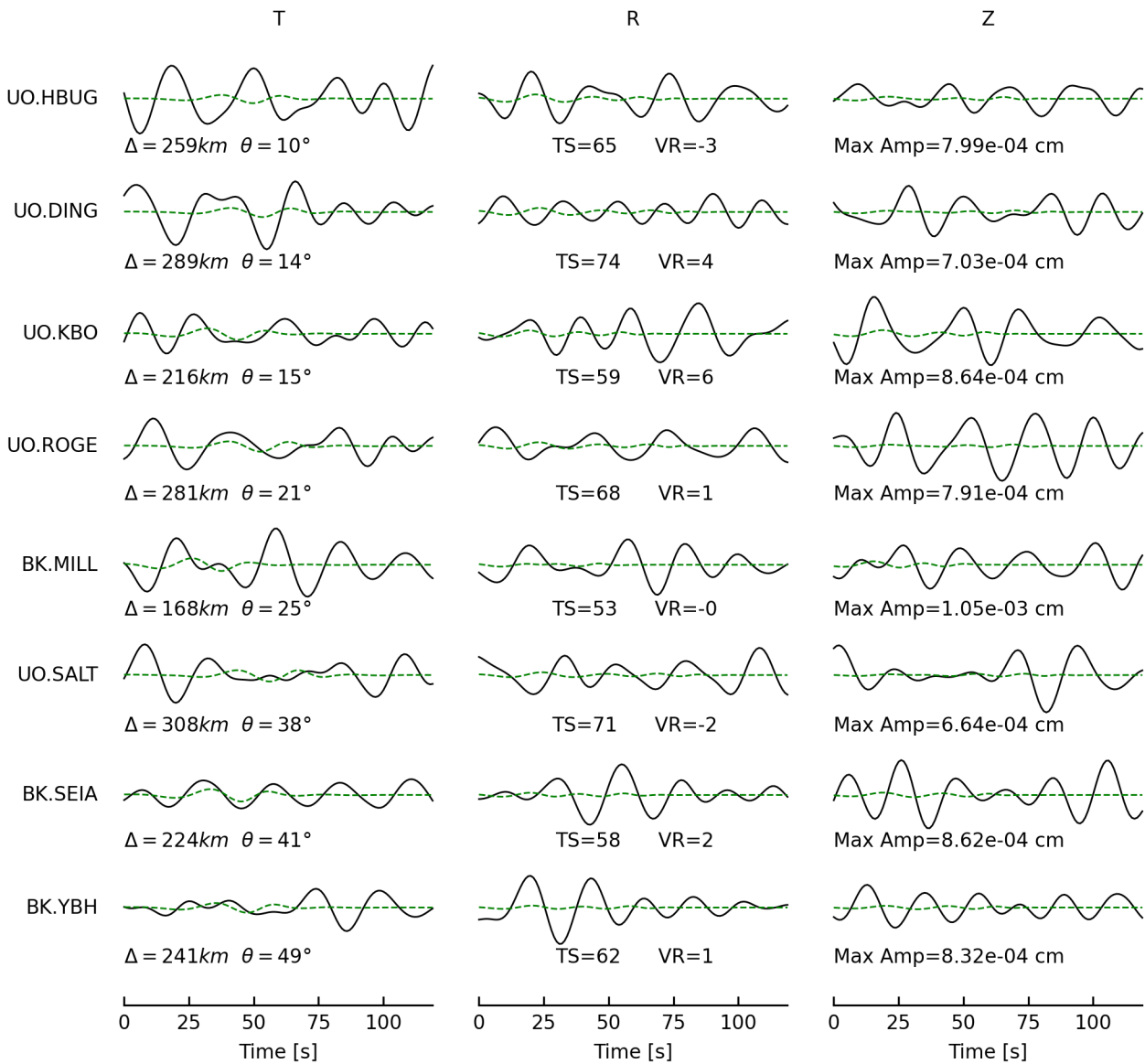
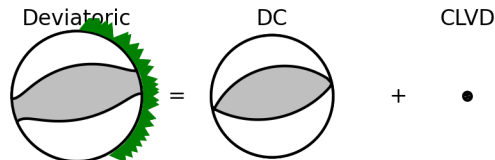
M0 = 5.93e+22 dyne-cm

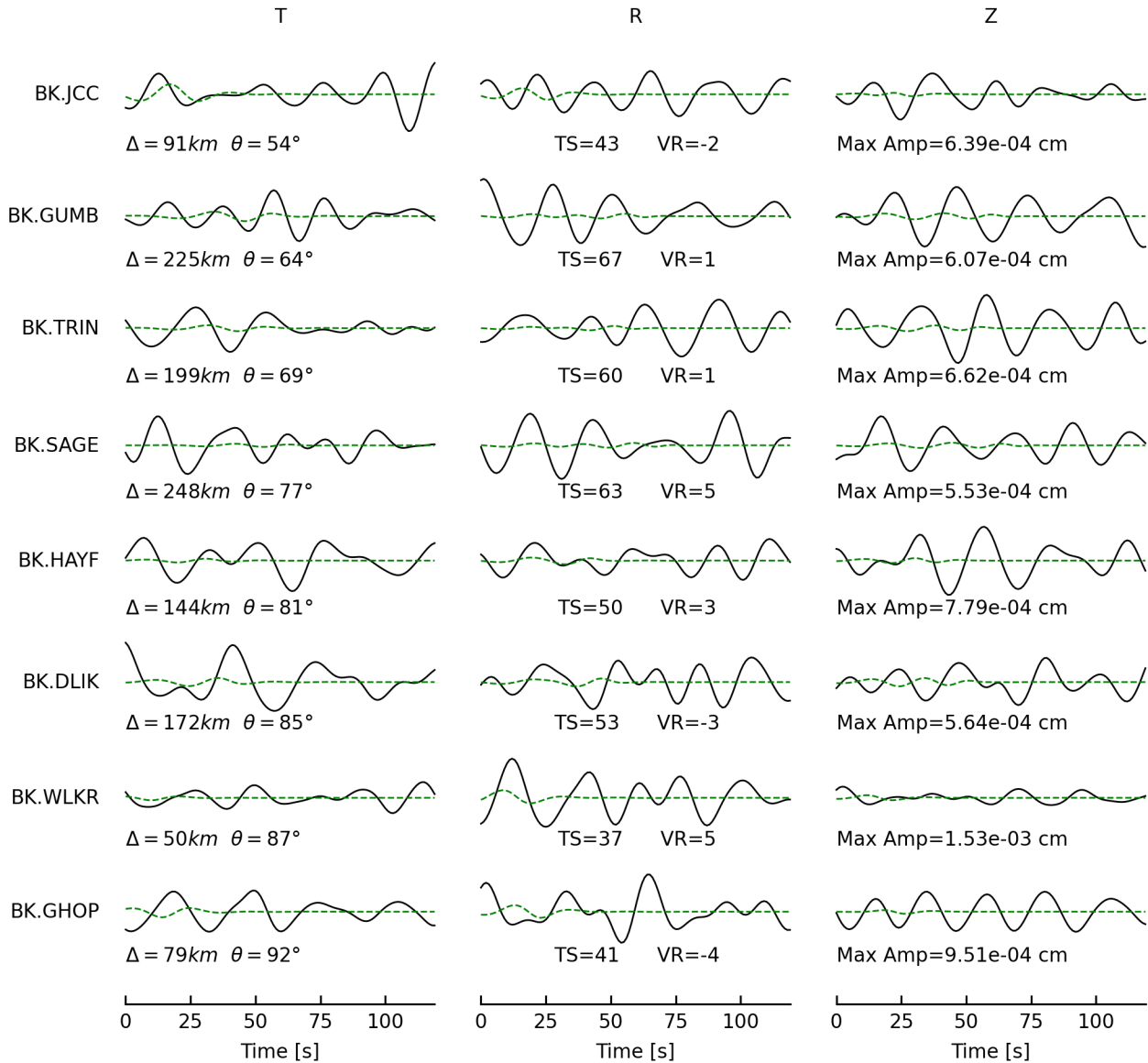
Percent DC/CLVD/ISO = 94/6/0

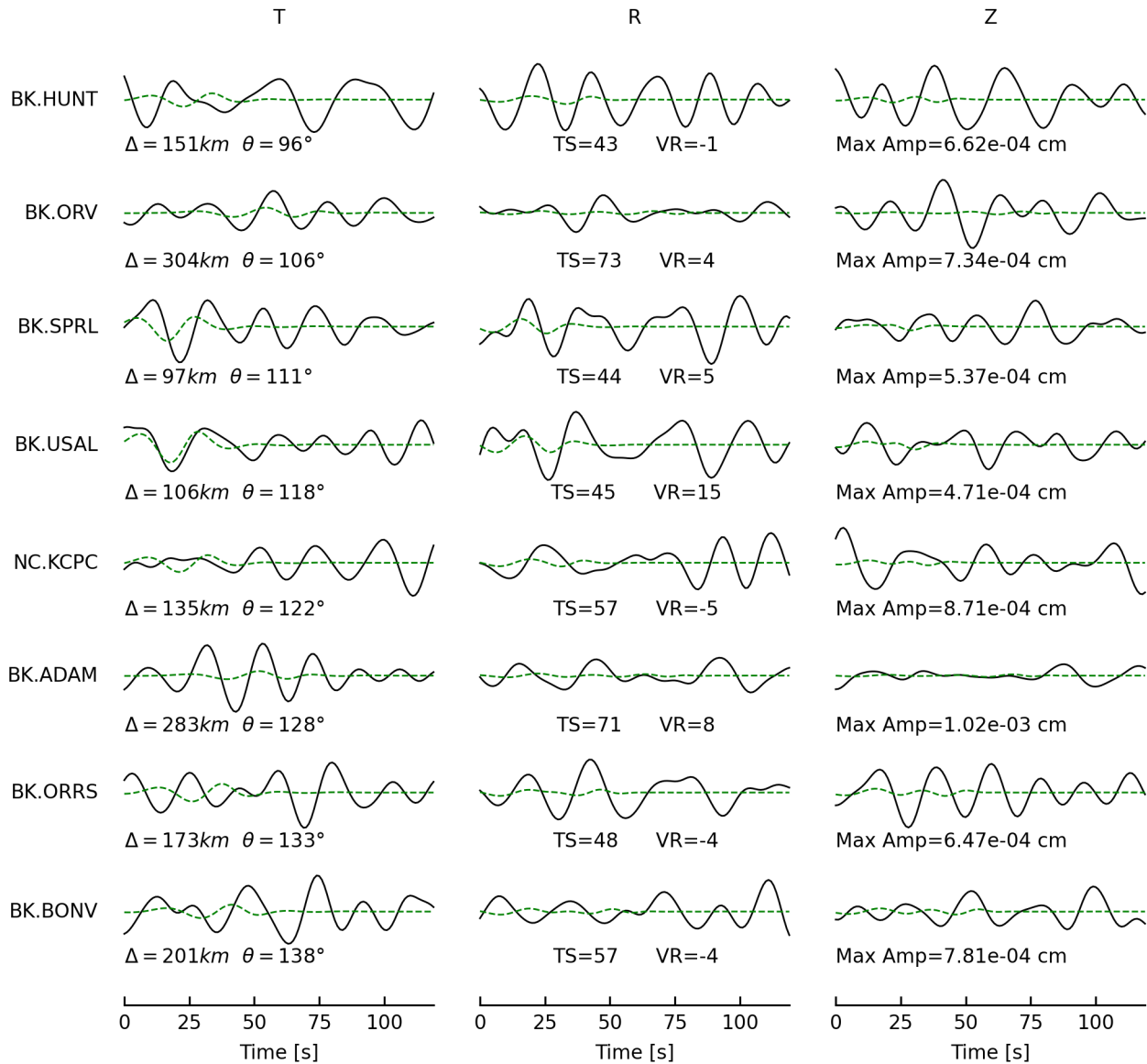
sdr = (256,40,87) (79,50,92)

npts = 120 vred = 7.692 km/s

VR = 1.28% lune:2,0

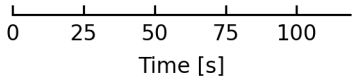
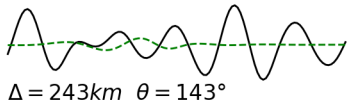




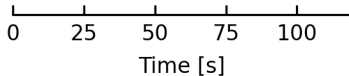
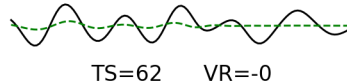


BK.HRCH

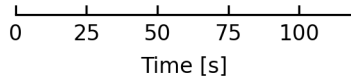
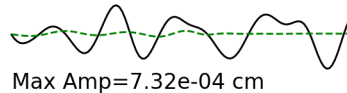
T



R



Z



# Deviatoric Moment Tensor Inversion

Evid = 75096436

Depth = 16.0 km

Mw = 4.49

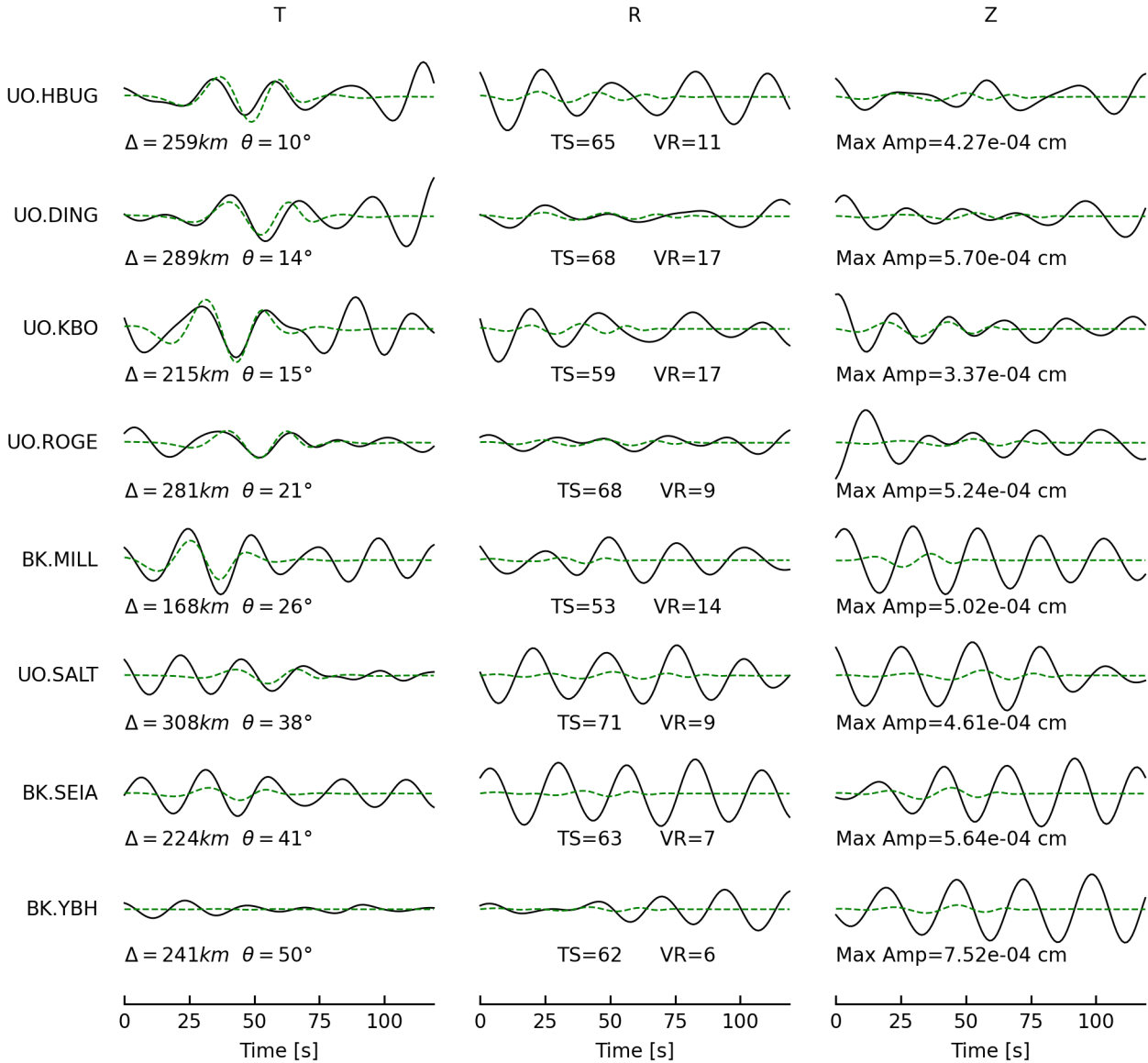
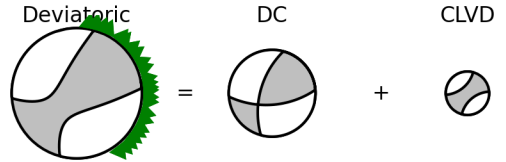
M0 = 6.67e+22 dyne-cm

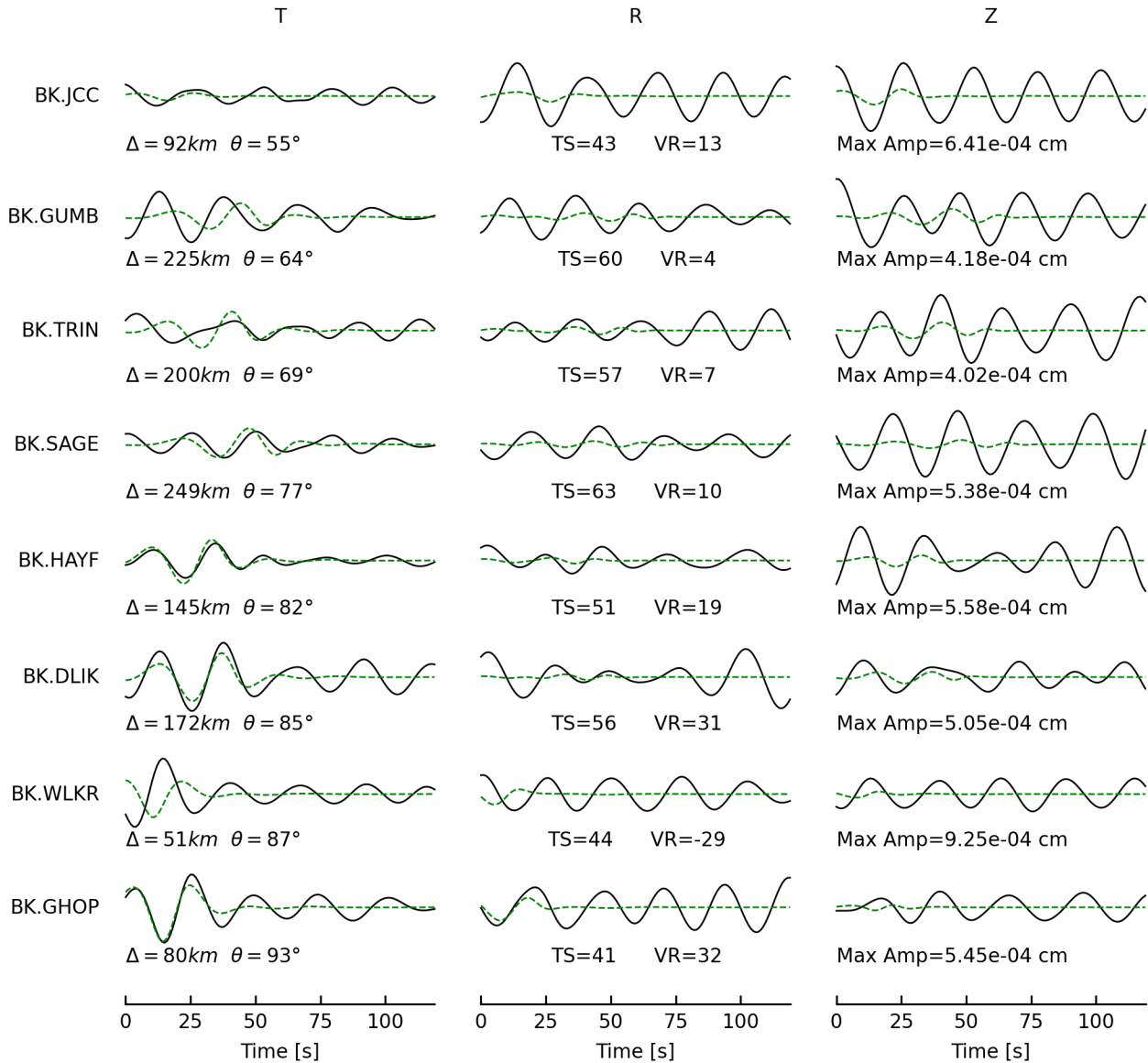
Percent DC/CLVD/ISO = 67/33/0

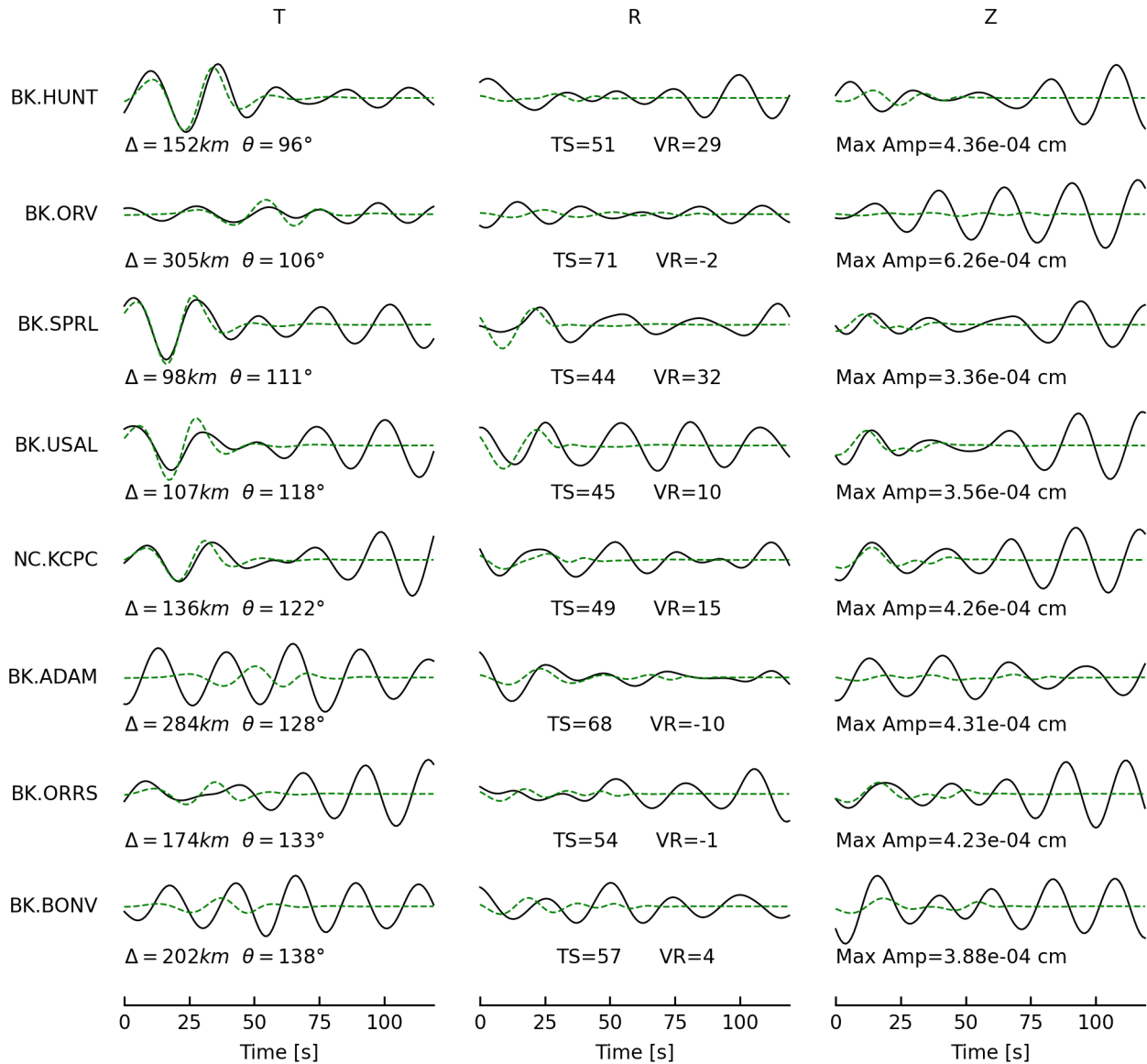
sdr = (85,60,144) (195,59,35)

npts = 120 vred = 7.692 km/s

VR = 7.80% lune:9,0



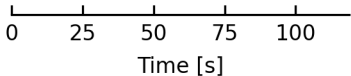
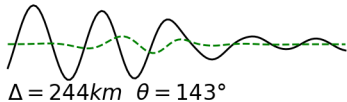




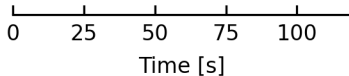
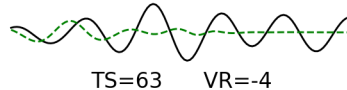


BK.HRCH

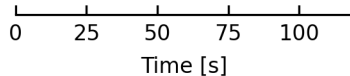
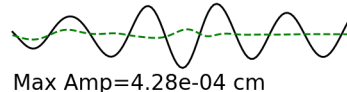
T



R



Z



# Deviatoric Moment Tensor Inversion

Evid = 75096436

Depth = 17.0 km

Mw = 4.51

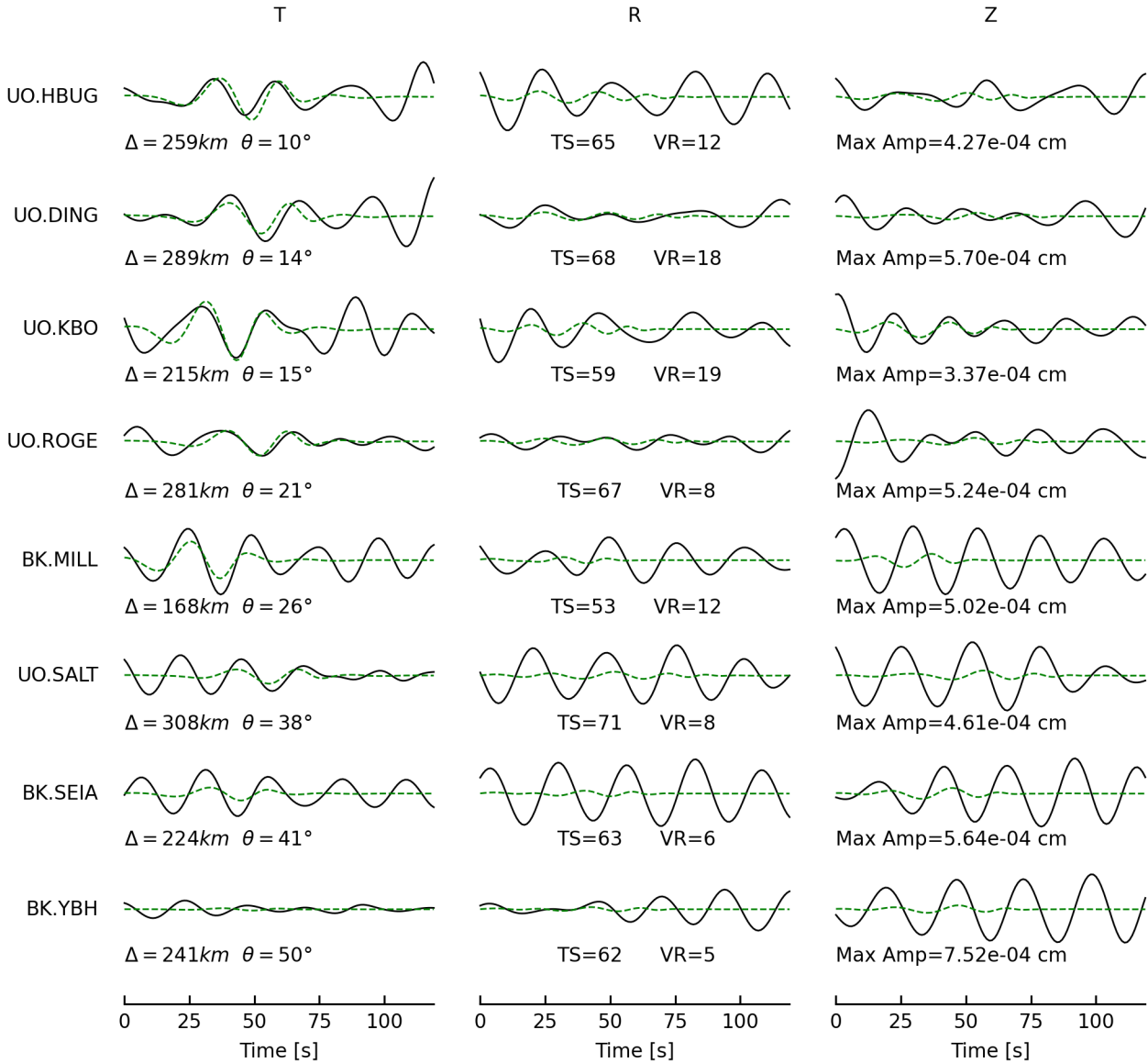
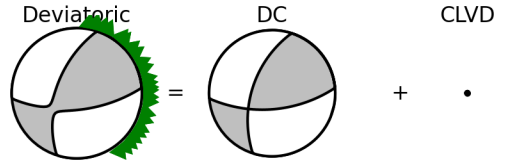
M0 = 7.27e+22 dyne-cm

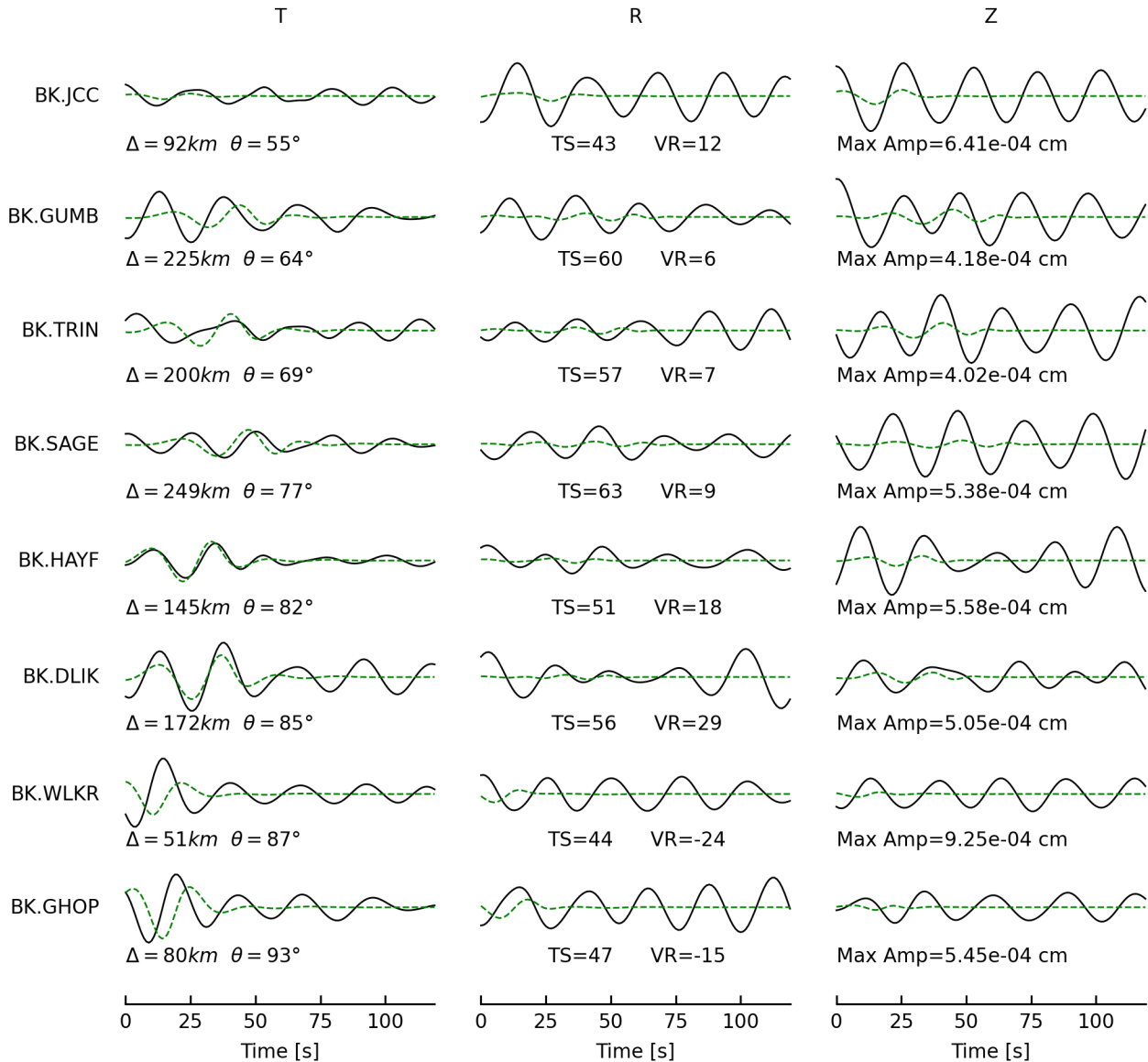
Percent DC/CLVD/ISO = 97/3/0

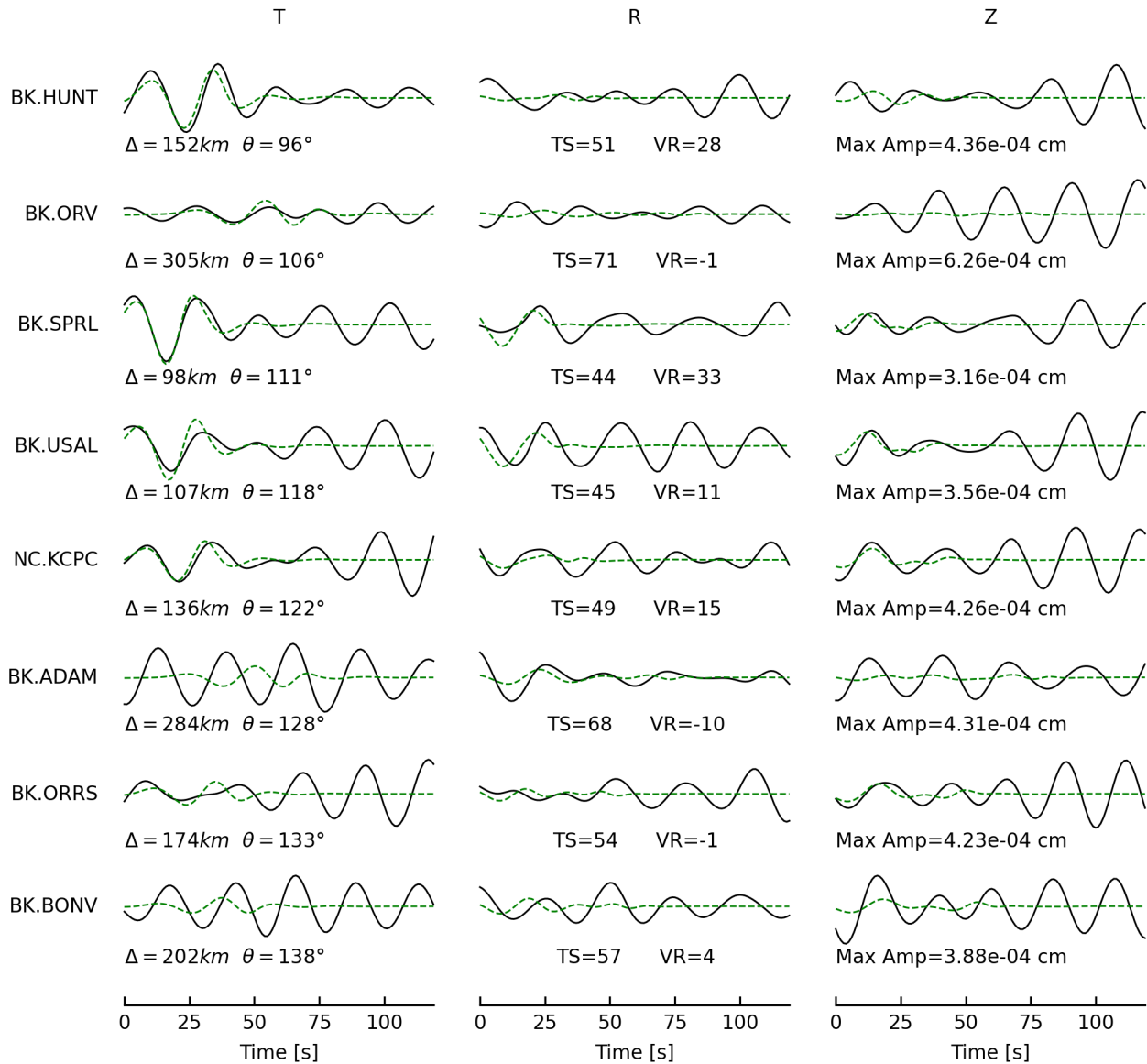
sdr = (85,61,139) (198,54,36)

npts = 120 vred = 7.692 km/s

VR = 6.77% lune:1,0

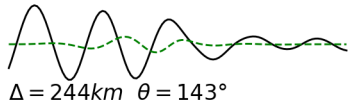




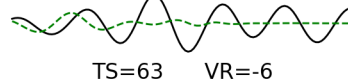


BK.HRCH

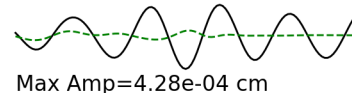
T



R



Z



# Deviatoric Moment Tensor Inversion

Evid = 75096691

Depth = 3.0 km

Mw = 4.06

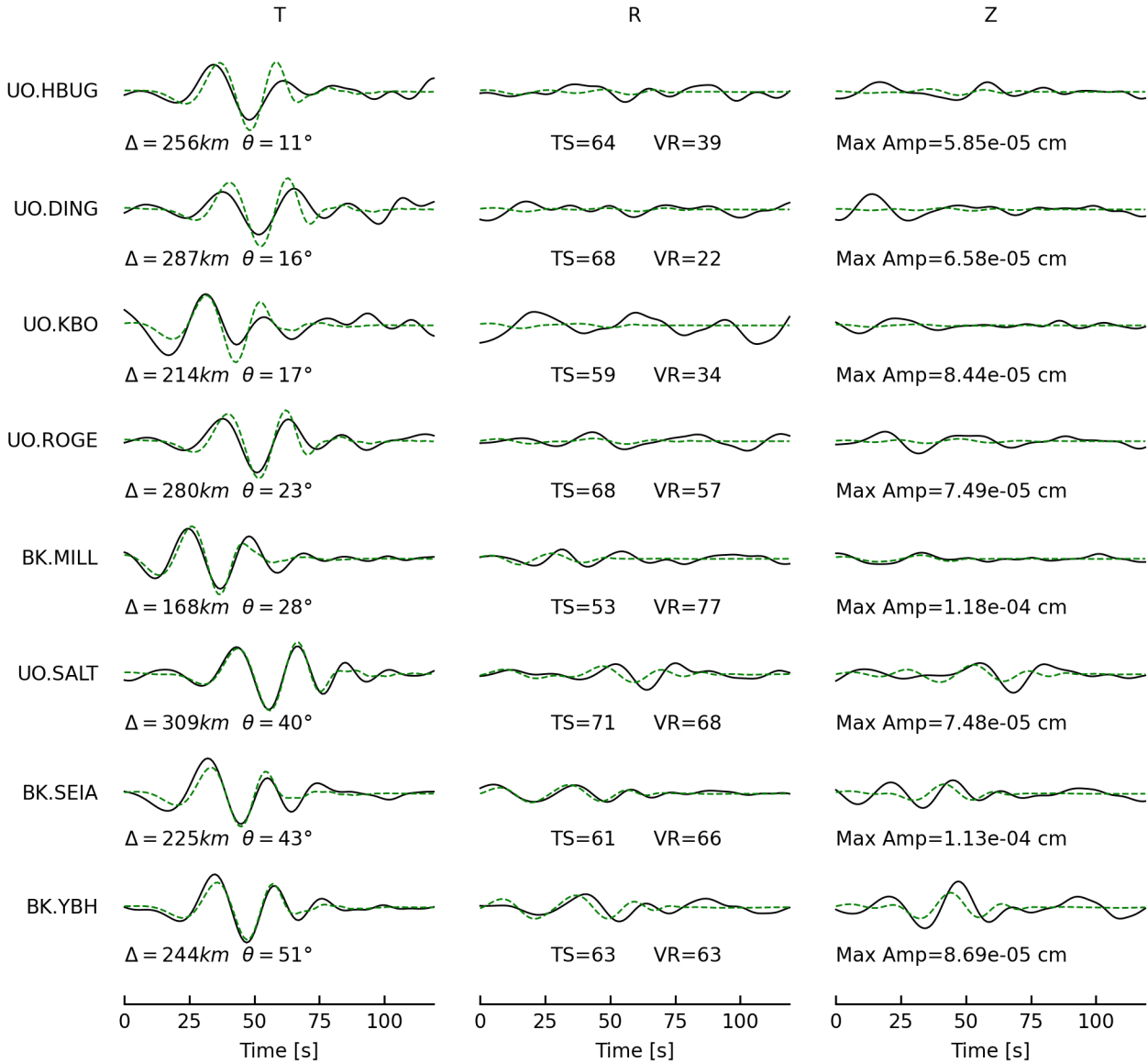
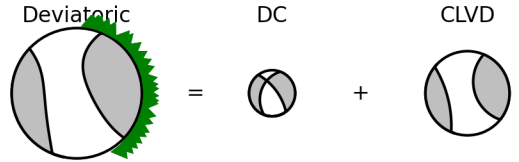
M0 = 1.54e+22 dyne-cm

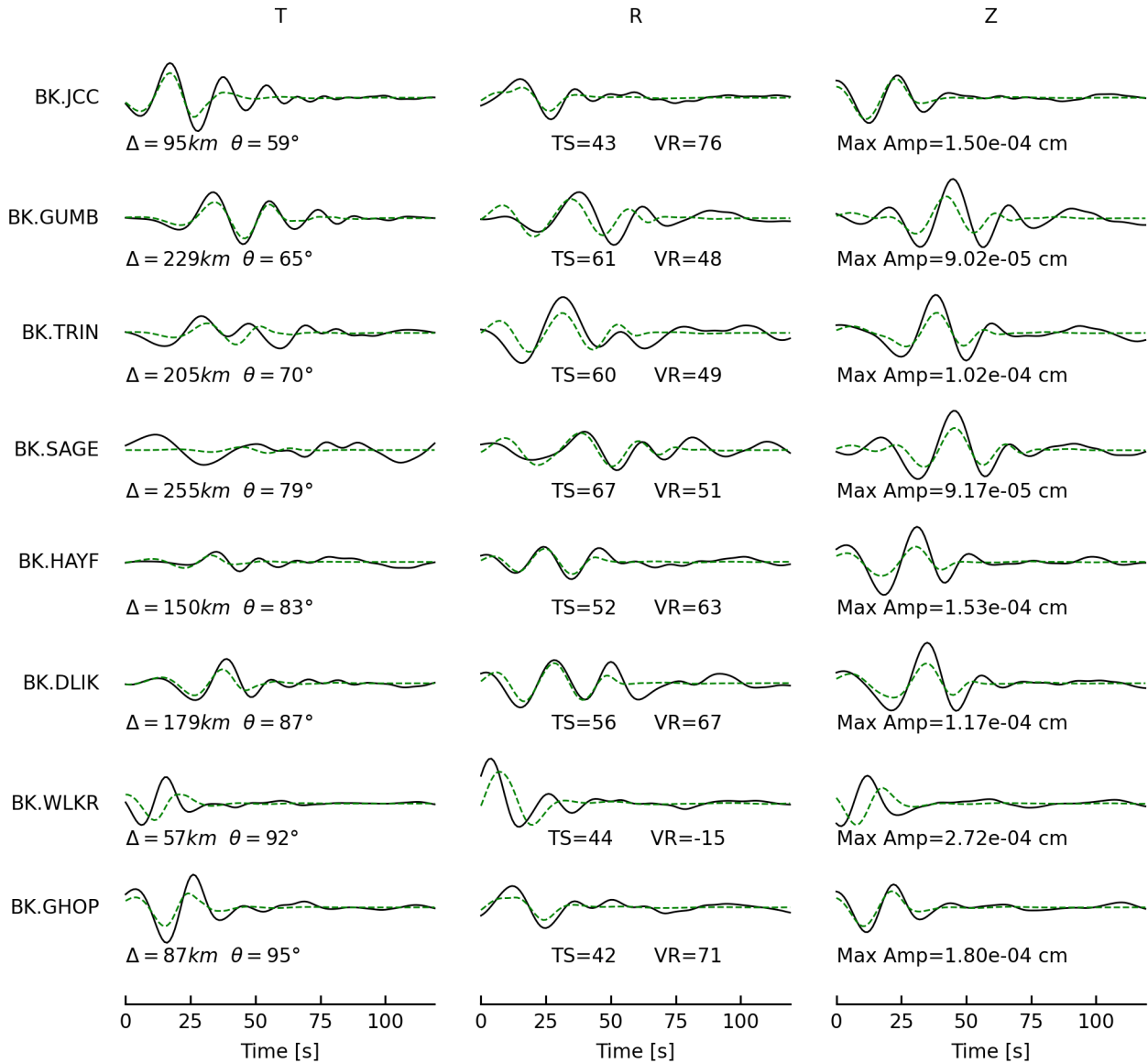
Percent DC/CLVD/ISO = 35/65/0

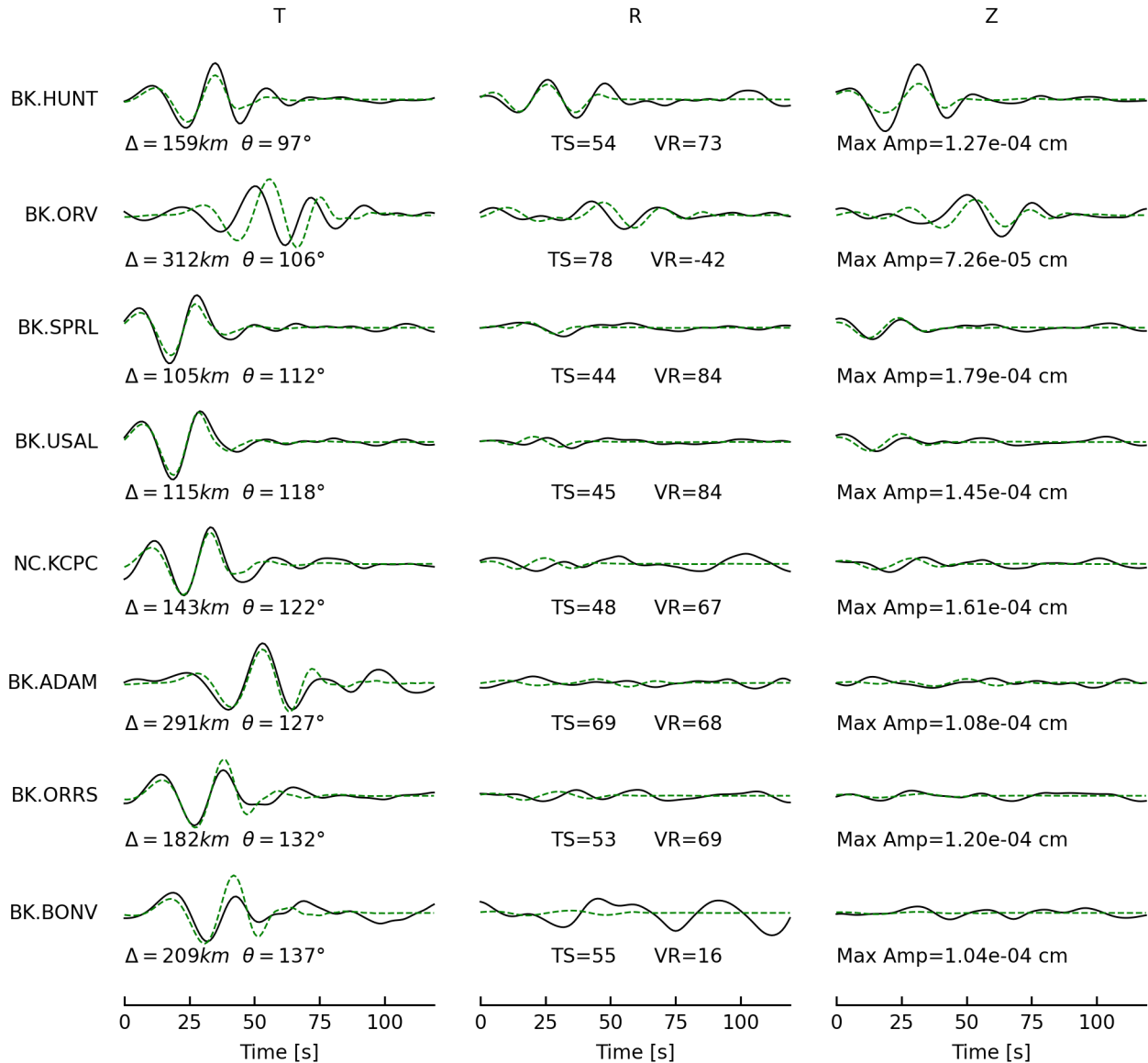
sdr = (201,39,-39) (323,67,-122)

npts = 120 vred = 7.692 km/s

VR = 54.46% lune:-18,0

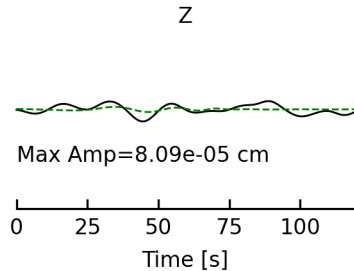
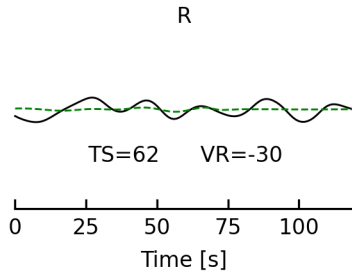
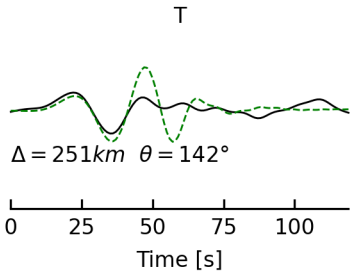








BK.HRCH



# Deviatoric Moment Tensor Inversion

Evid = 75096691

Depth = 1.0 km

Mw = 4.04

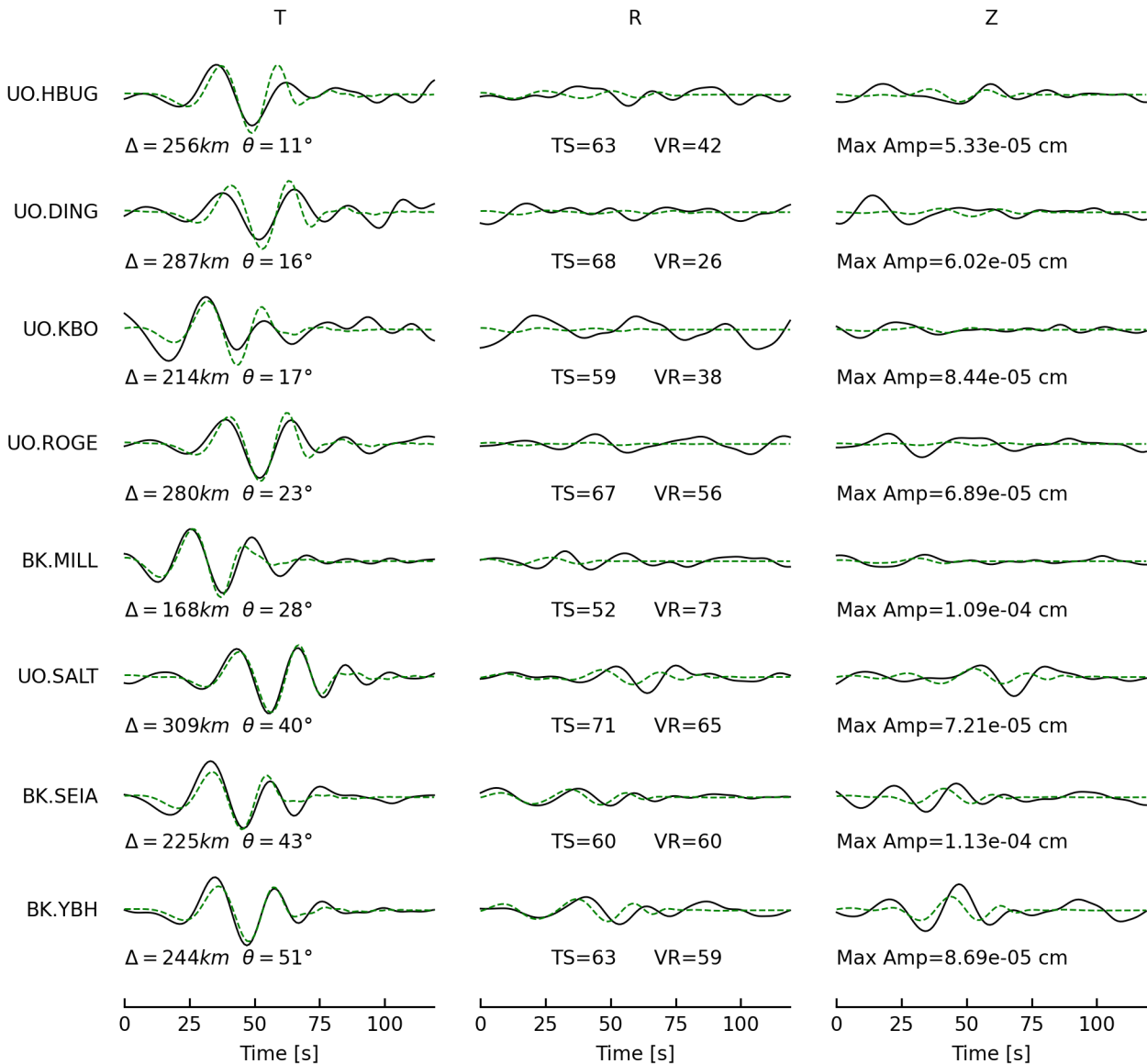
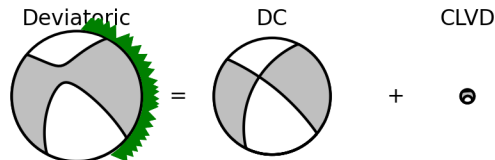
M0 = 1.45e+22 dyne-cm

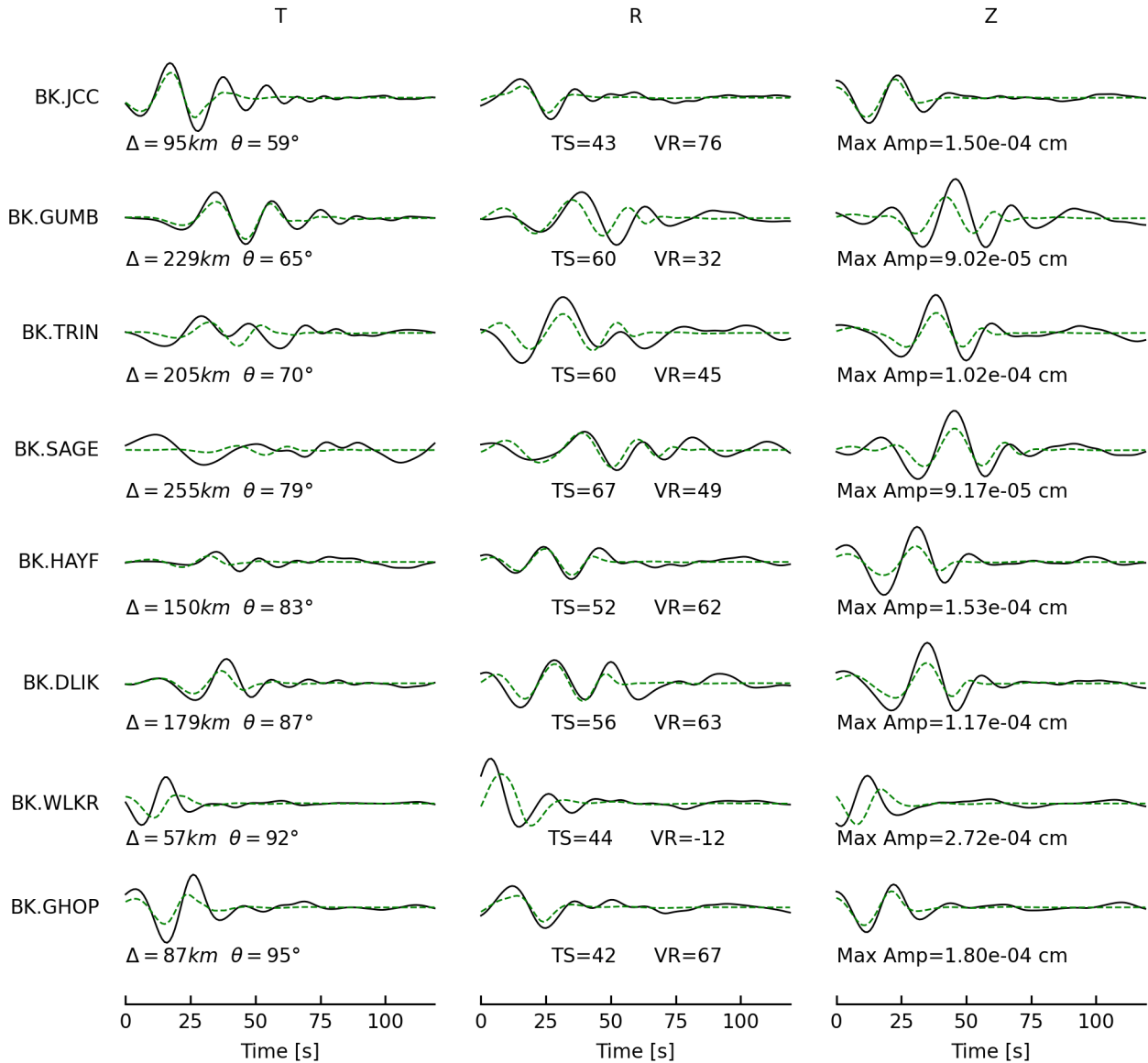
Percent DC/CLVD/ISO = 90/10/0

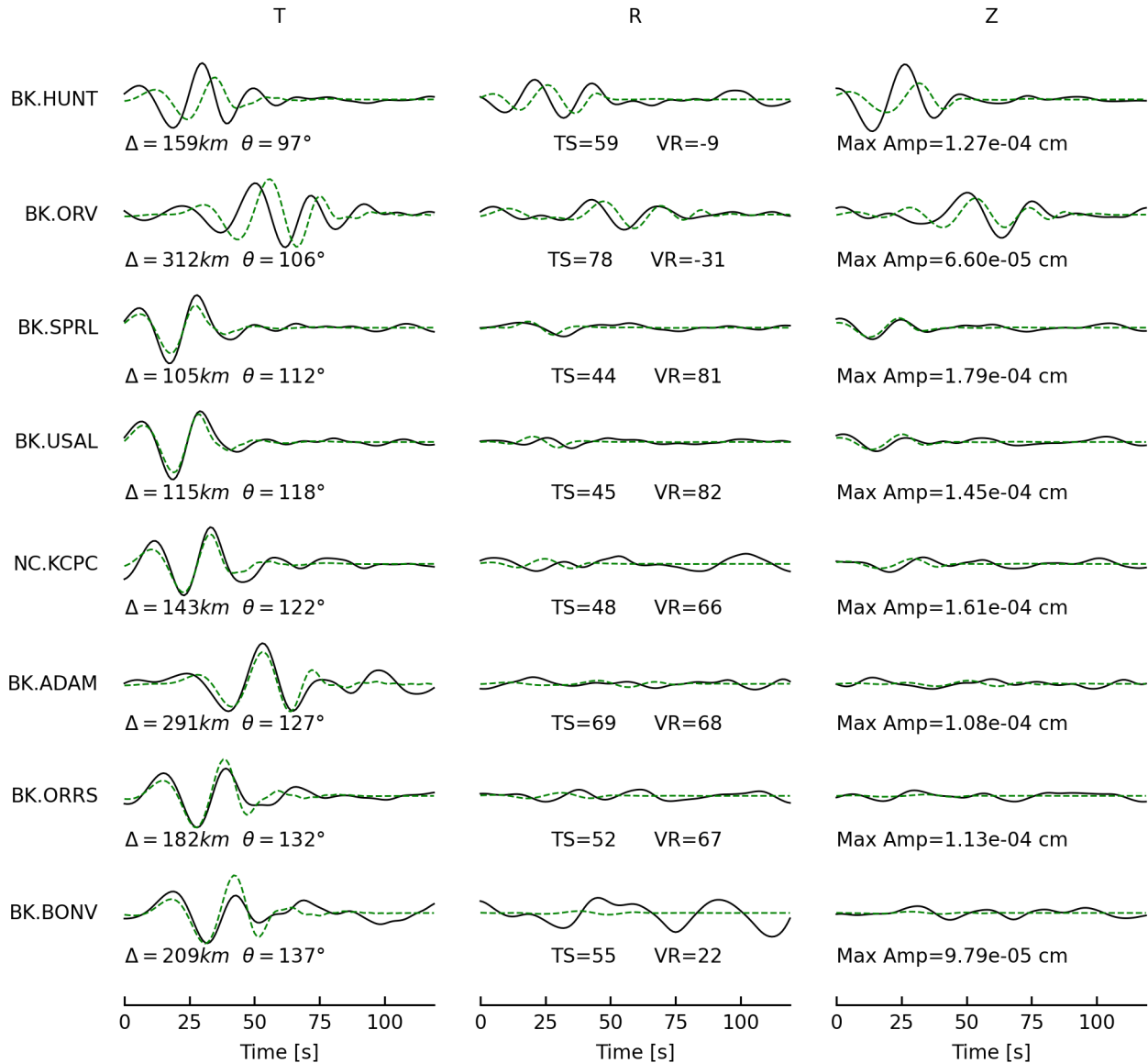
sdr = (207,51,-20) (310,75,-139)

npts = 120 vred = 7.692 km/s

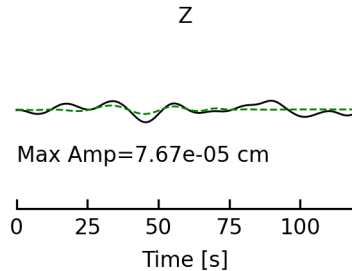
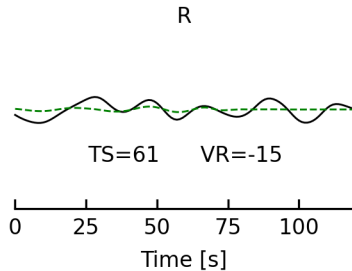
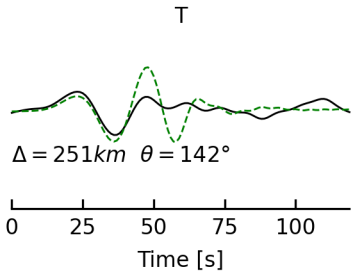
VR = 47.96% lune:3,0







BK.HRCH



# Deviatoric Moment Tensor Inversion

Evid = 75097046

Depth = 5.0 km

Mw = 3.76

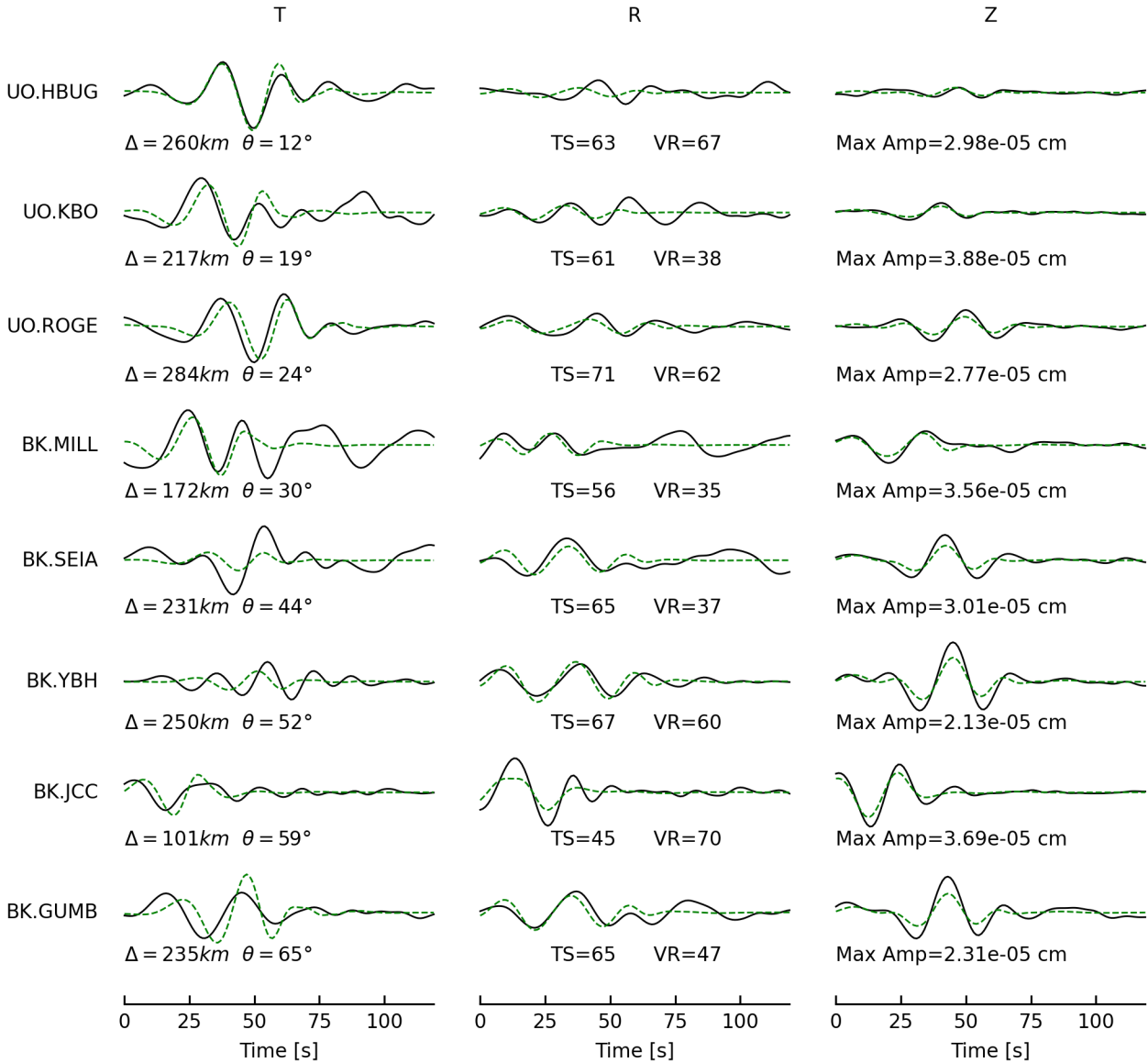
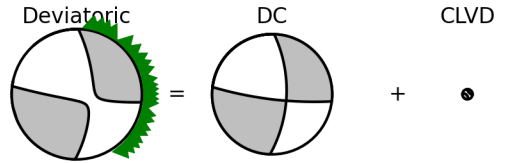
M0 = 5.38e+21 dyne-cm

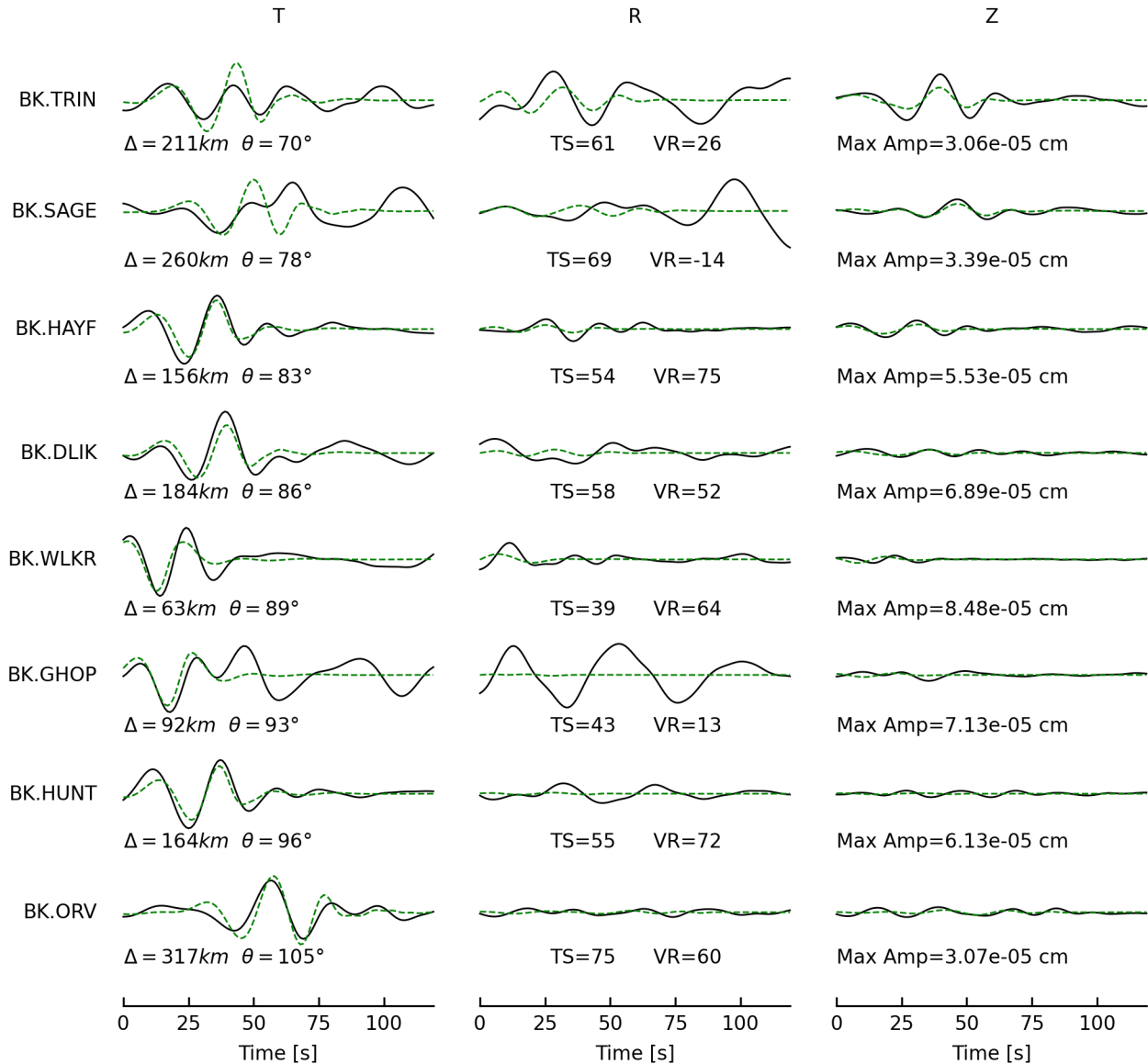
Percent DC/CLVD/ISO = 92/8/0

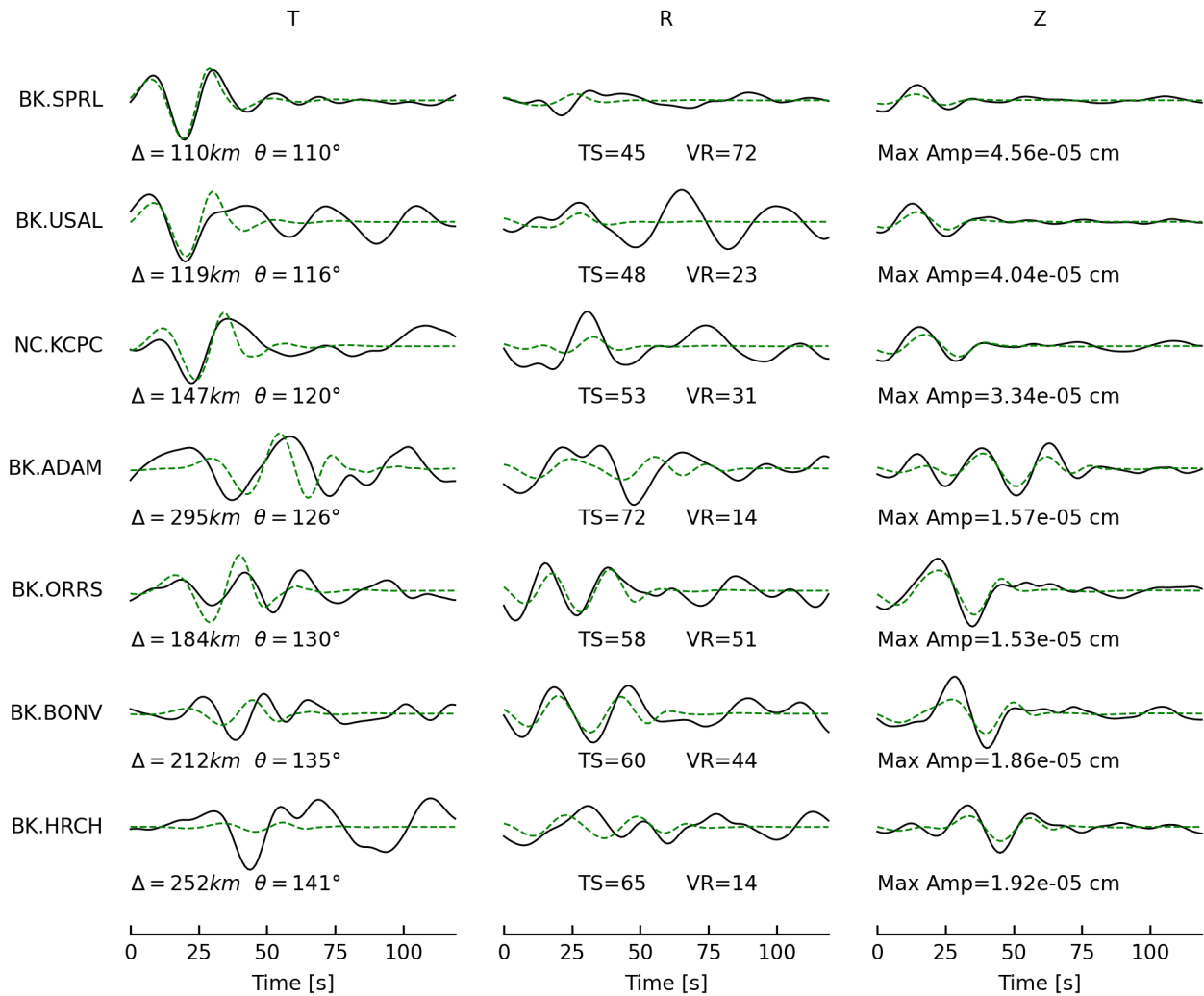
sdr = (97,80,-153) (2,63,-11)

npts = 120 vred = 7.692 km/s

VR = 38.26% lune:-2,0









# Deviatoric Moment Tensor Inversion

Evid = 75097046

Depth = 5.0 km

Mw = 3.76

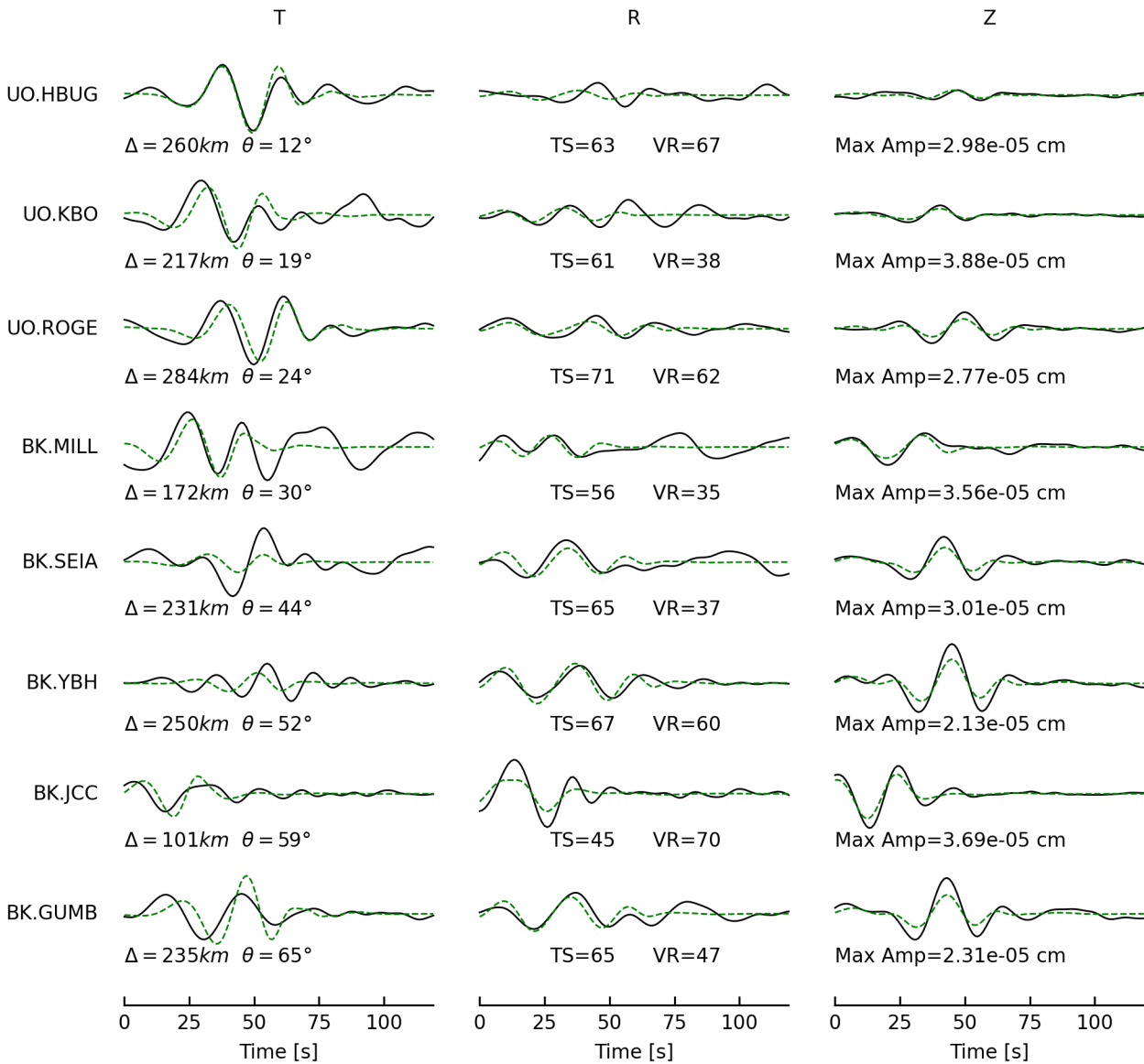
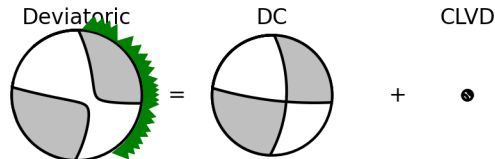
M0 = 5.38e+21 dyne-cm

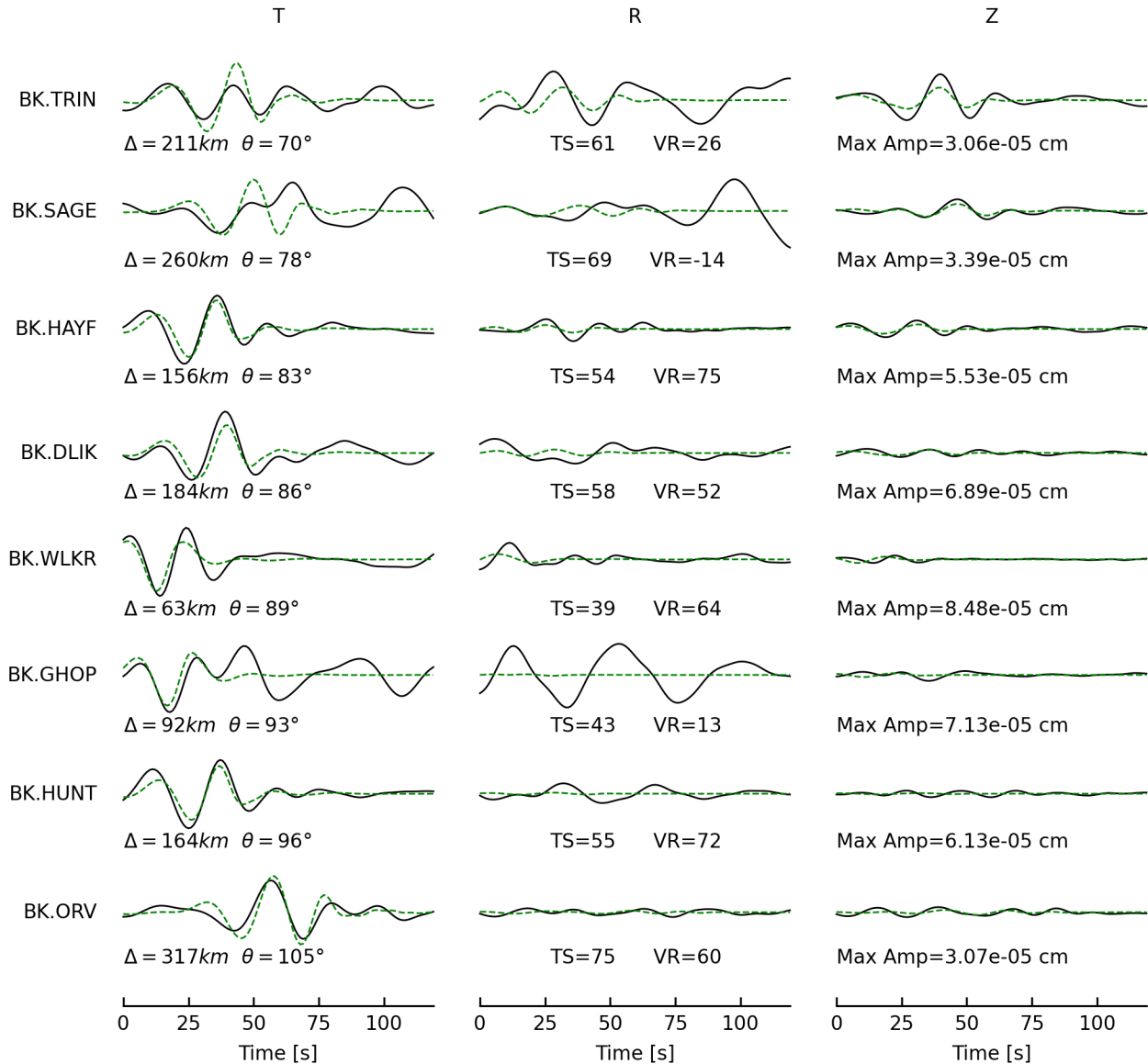
Percent DC/CLVD/ISO = 92/8/0

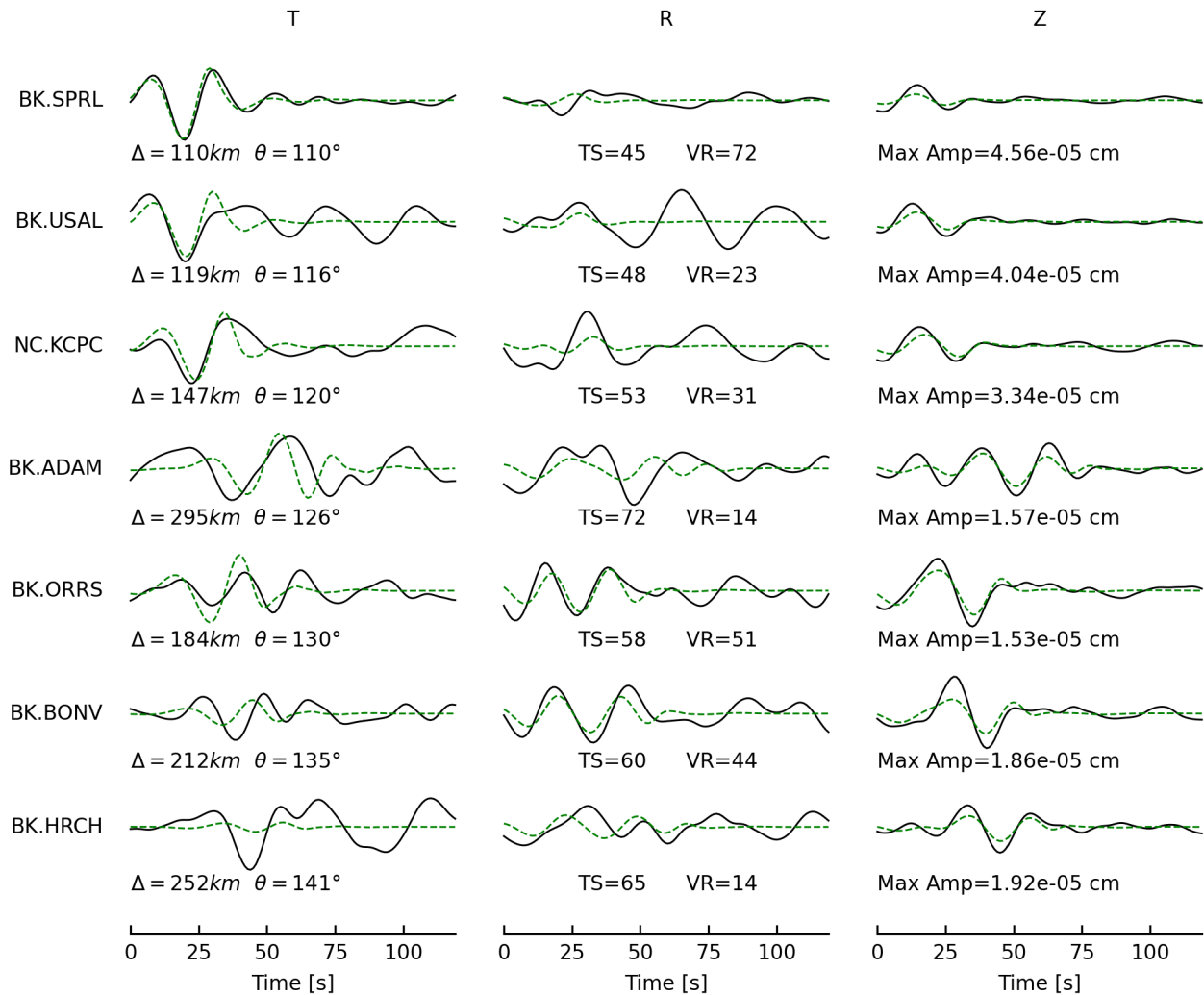
sdr = (97,80,-153) (2,63,-11)

npts = 120 vred = 7.692 km/s

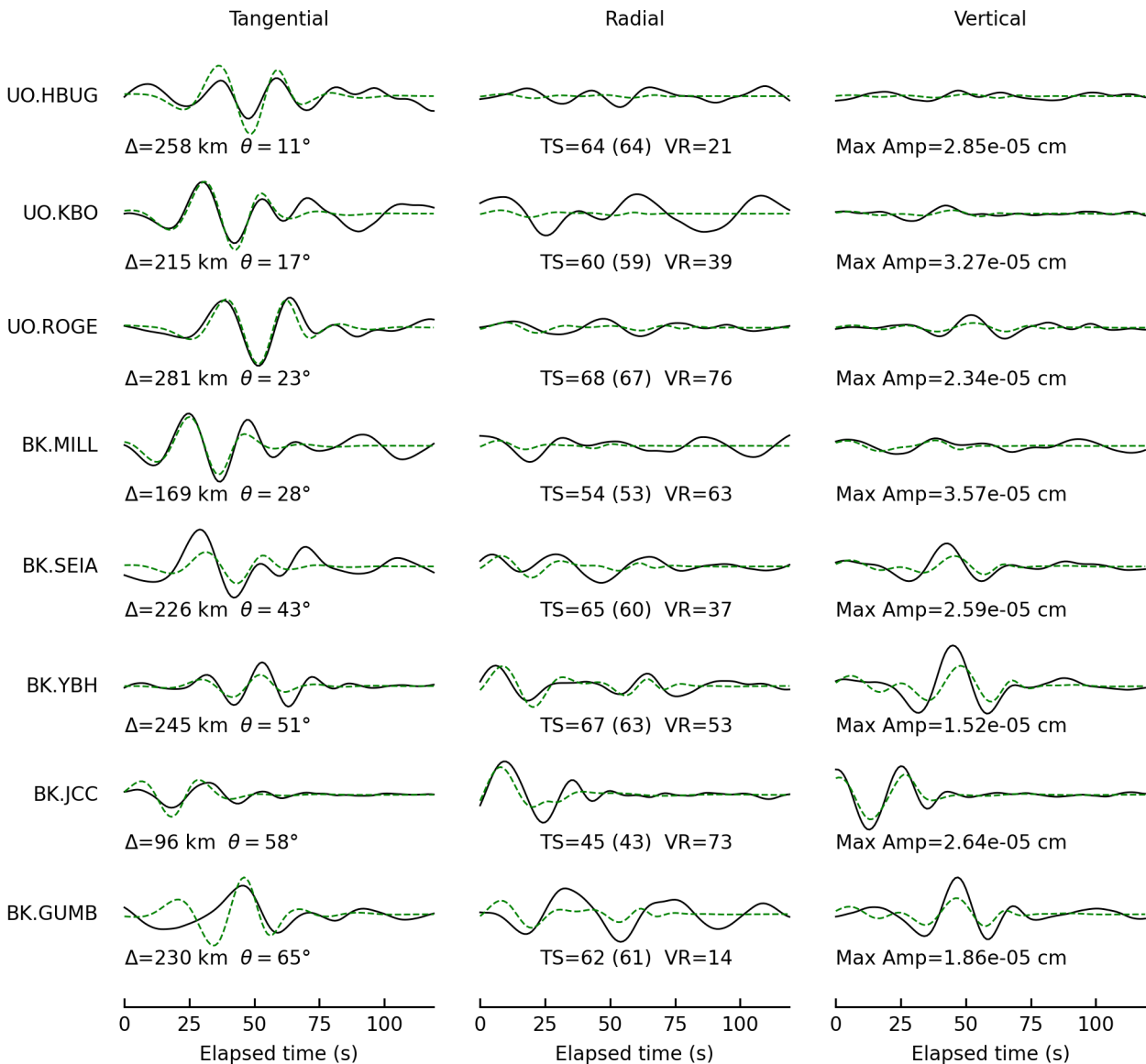
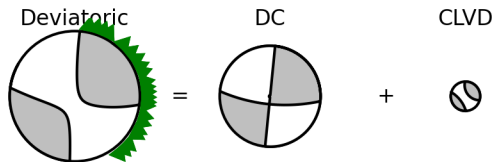
VR = 38.26% lune:-2,0







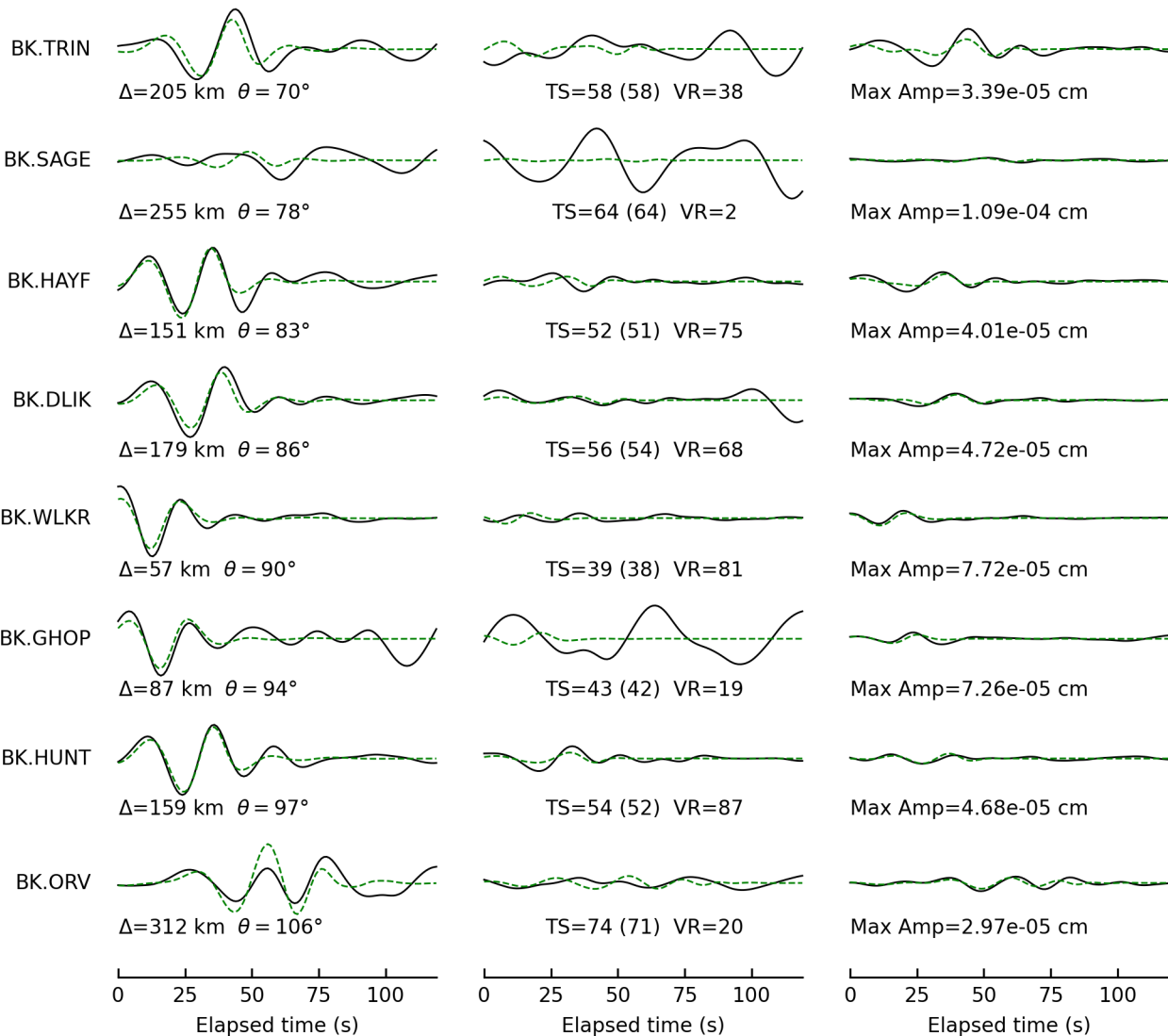
Deviatoric Moment Tensor Inversion  
 Evid = 75097086  
 Depth = 16.0 km  
 Mw = 3.82  
 M0 = 6.58e+21 dyne-cm  
 Percent DC/CLVD/ISO = 77/23/0  
 sdr = (96,72,180) (186,90,18)  
 npts = 120 vred = 7.692 km/s  
 VR = 21.71% lune:-6,0



Tangential

Radial

Vertical

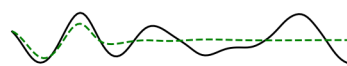


Tangential

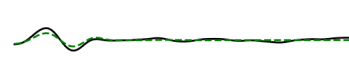
Radial

Vertical

BK.SPRL

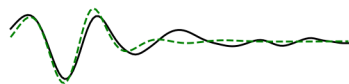
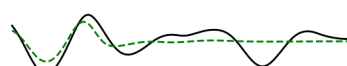
 $\Delta=105$  km  $\theta=111^\circ$ 

TS=45 (45) VR=62



Max Amp=3.82e-05 cm

BK.USAL

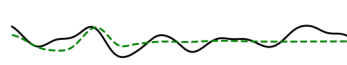
 $\Delta=114$  km  $\theta=118^\circ$ 

TS=45 (46) VR=66

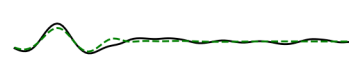


Max Amp=3.25e-05 cm

NC.KCPC

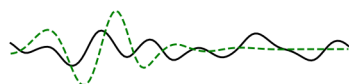
 $\Delta=143$  km  $\theta=122^\circ$ 

TS=50 (49) VR=52

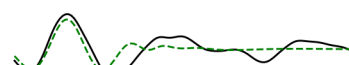


Max Amp=3.04e-05 cm

BK.ORRS

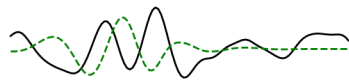
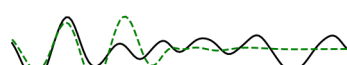
 $\Delta=181$  km  $\theta=132^\circ$ 

TS=54 (54) VR=7



Max Amp=1.47e-05 cm

BK.BONV

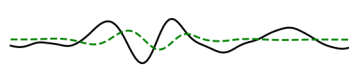
 $\Delta=209$  km  $\theta=137^\circ$ 

TS=58 (58) VR=-14

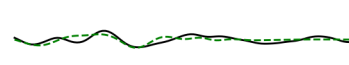


Max Amp=1.13e-05 cm

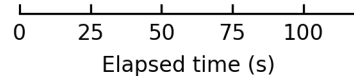
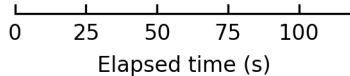
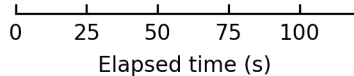
BK.HRCH

 $\Delta=250$  km  $\theta=142^\circ$ 

TS=63 (63) VR=-1



Max Amp=1.88e-05 cm



# Deviatoric Moment Tensor Inversion

Evid = 75097086

Depth = 37.0 km

Mw = 3.98

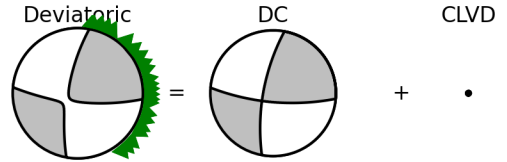
M0 = 1.16e+22 dyne-cm

Percent DC/CLVD/ISO = 97/3/0

sdr = (95,74,161) (190,72,17)

npts = 120 vred = 7.692 km/s

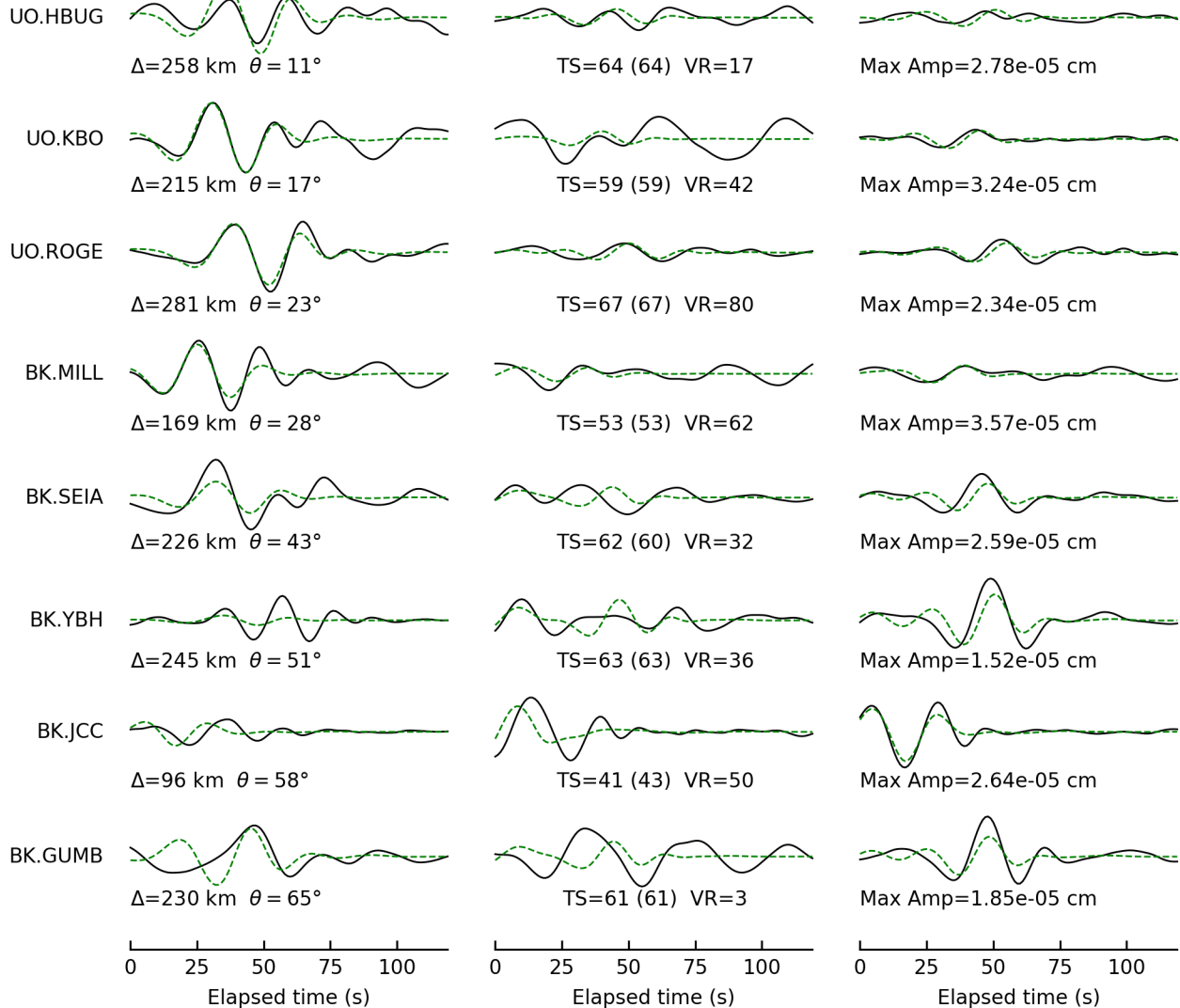
VR = 19.87% lune:-1,0



Tangential

Radial

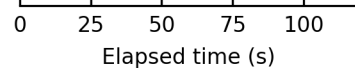
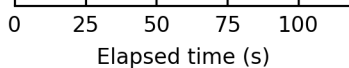
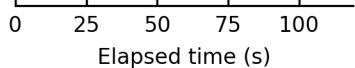
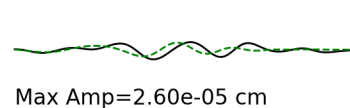
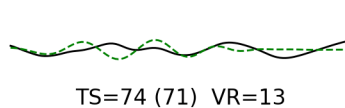
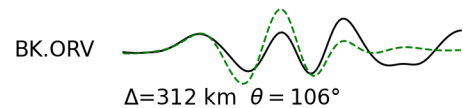
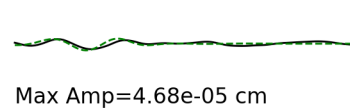
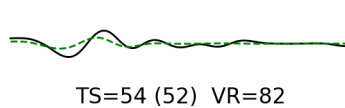
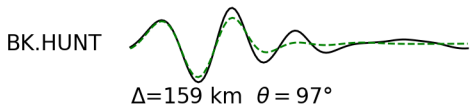
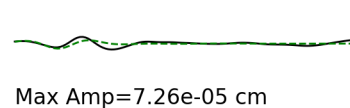
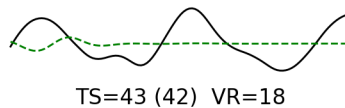
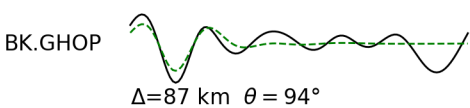
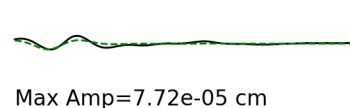
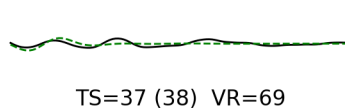
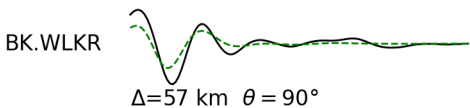
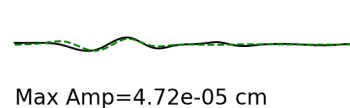
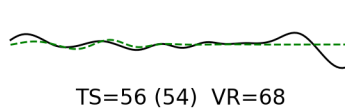
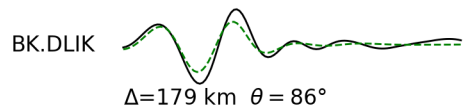
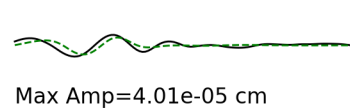
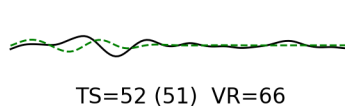
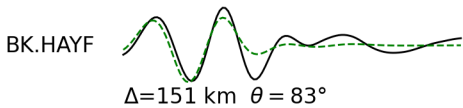
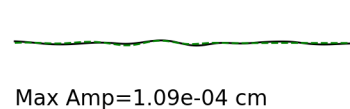
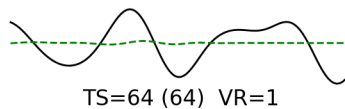
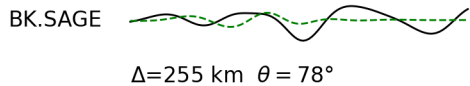
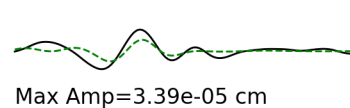
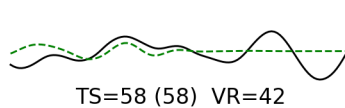
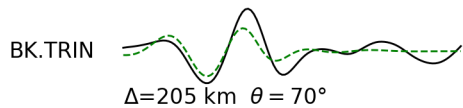
Vertical



Tangential

Radial

Vertical



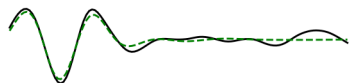
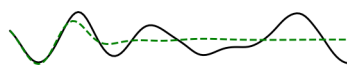


Tangential

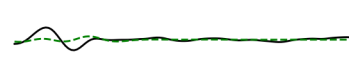
Radial

Vertical

BK.SPRL

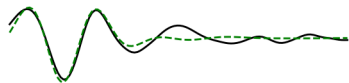
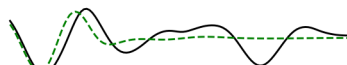
 $\Delta=105$  km  $\theta=111^\circ$ 

TS=45 (45) VR=62

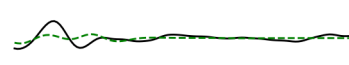


Max Amp=3.71e-05 cm

BK.USAL

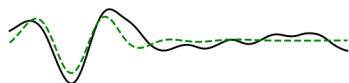
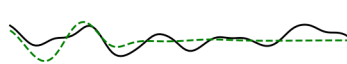
 $\Delta=114$  km  $\theta=118^\circ$ 

TS=45 (46) VR=62

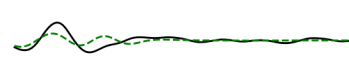


Max Amp=2.75e-05 cm

NC.KCPC

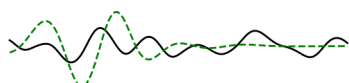
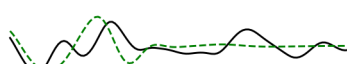
 $\Delta=143$  km  $\theta=122^\circ$ 

TS=50 (49) VR=52



Max Amp=3.04e-05 cm

BK.ORRS

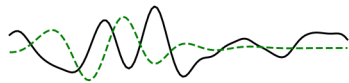
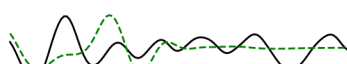
 $\Delta=181$  km  $\theta=132^\circ$ 

TS=54 (54) VR=-52



Max Amp=1.34e-05 cm

BK.BONV

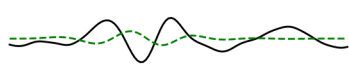
 $\Delta=209$  km  $\theta=137^\circ$ 

TS=58 (58) VR=-69



Max Amp=1.13e-05 cm

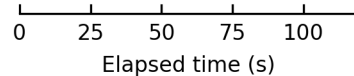
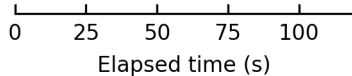
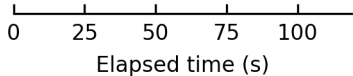
BK.HRCH

 $\Delta=250$  km  $\theta=142^\circ$ 

TS=63 (63) VR=-10



Max Amp=1.88e-05 cm



# Deviatoric Moment Tensor Inversion

Evid = 75097131

Depth = 3.0 km

Mw = 3.69

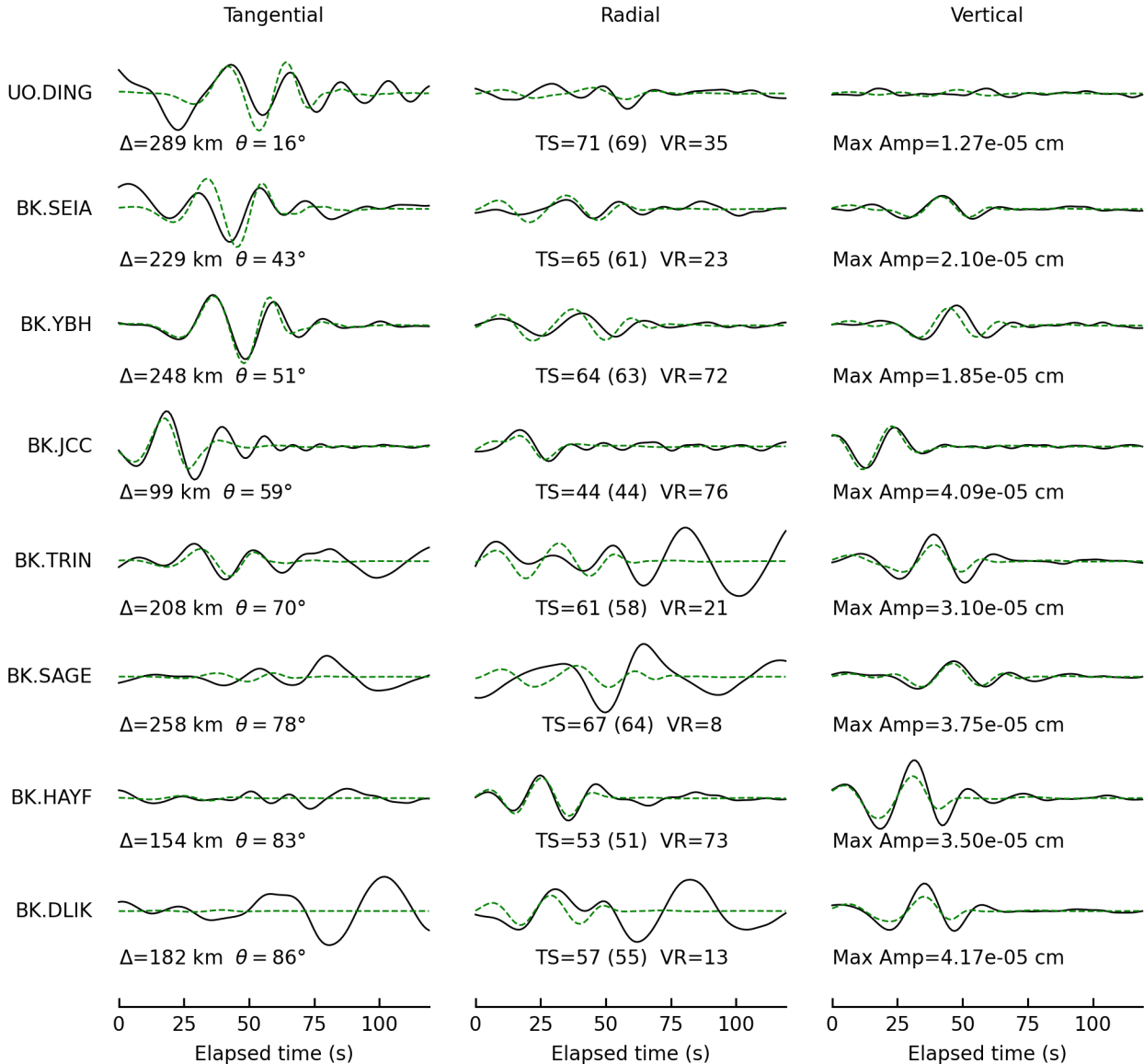
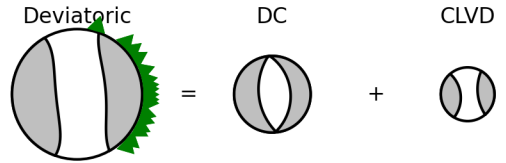
M0 = 4.27e+21 dyne-cm

Percent DC/CLVD/ISO = 59/41/0

sdr = (174,51,-92) (356,39,-88)

npts = 120 vred = 7.692 km/s

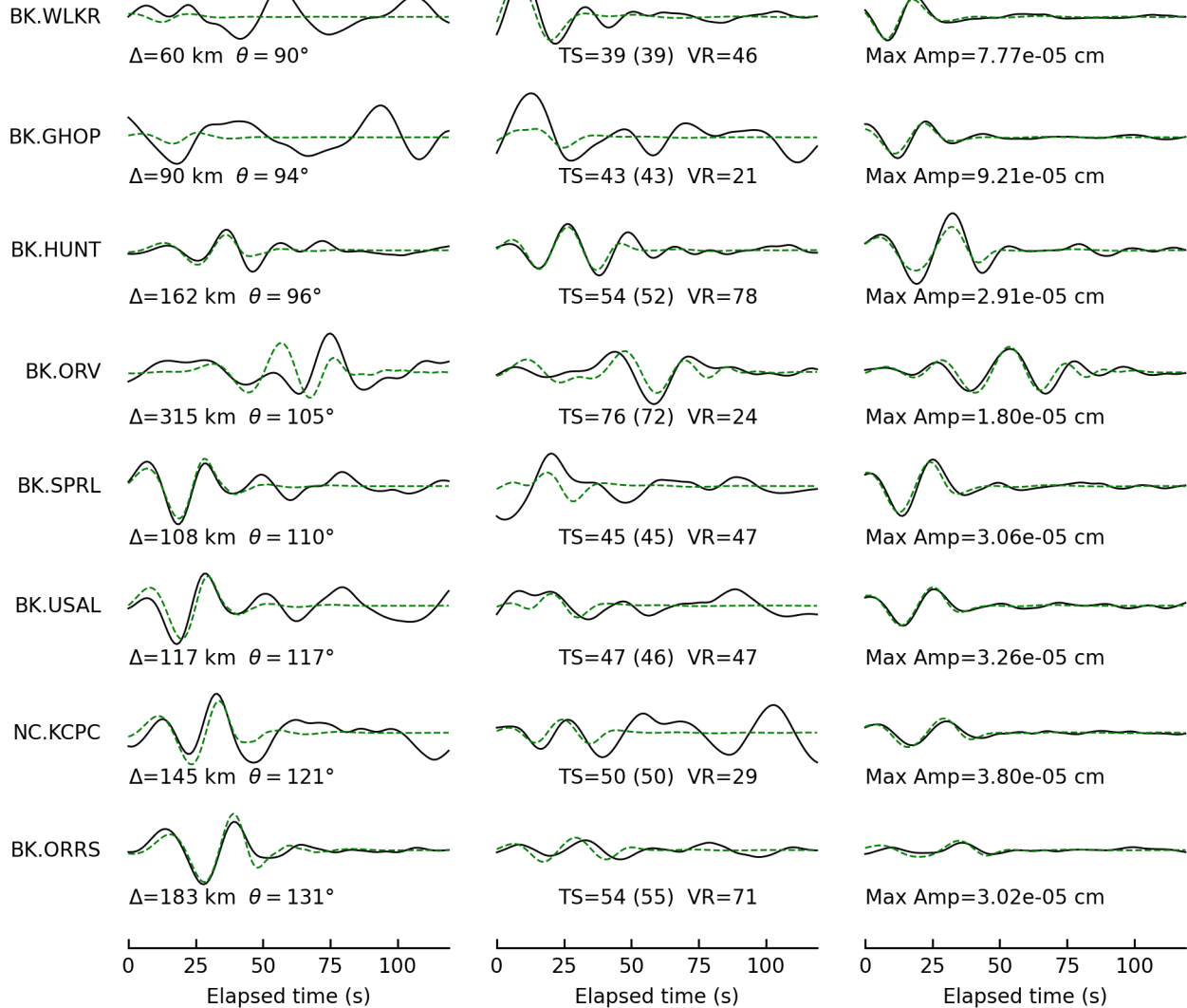
VR = 30.36% lune:-11,0



Tangential

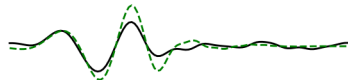
Radial

Vertical

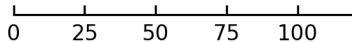


BK.BONV

Tangential



$\Delta=210$  km  $\theta = 136^\circ$

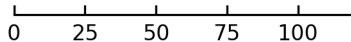


Elapsed time (s)

Radial



TS=57 (58) VR=35

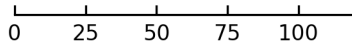


Elapsed time (s)

Vertical



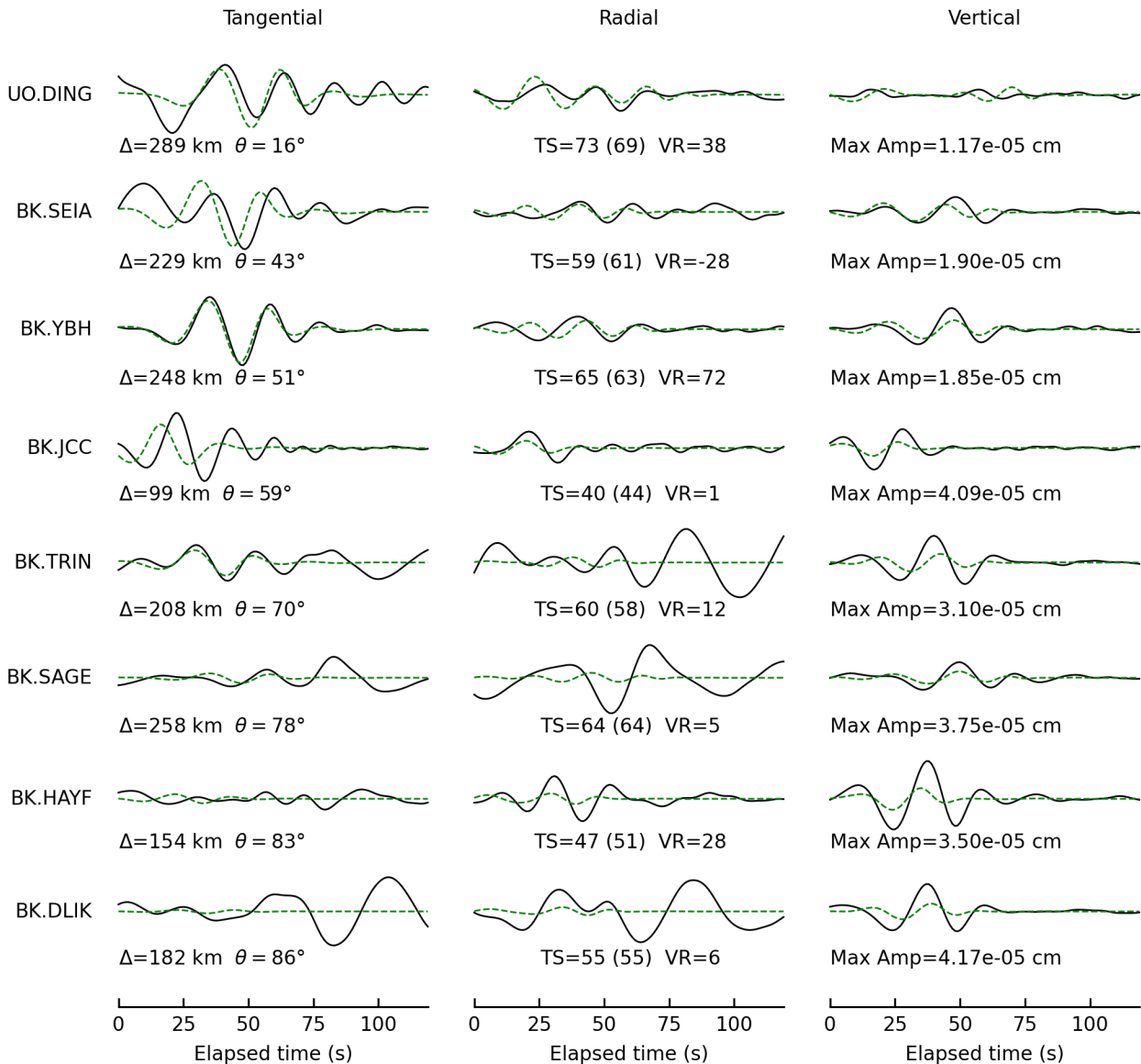
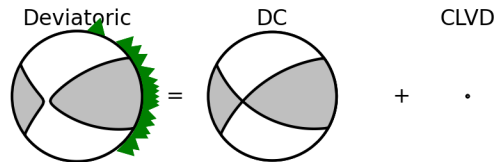
Max Amp=2.74e-05 cm



Elapsed time (s)

# Deviatoric Moment Tensor Inversion

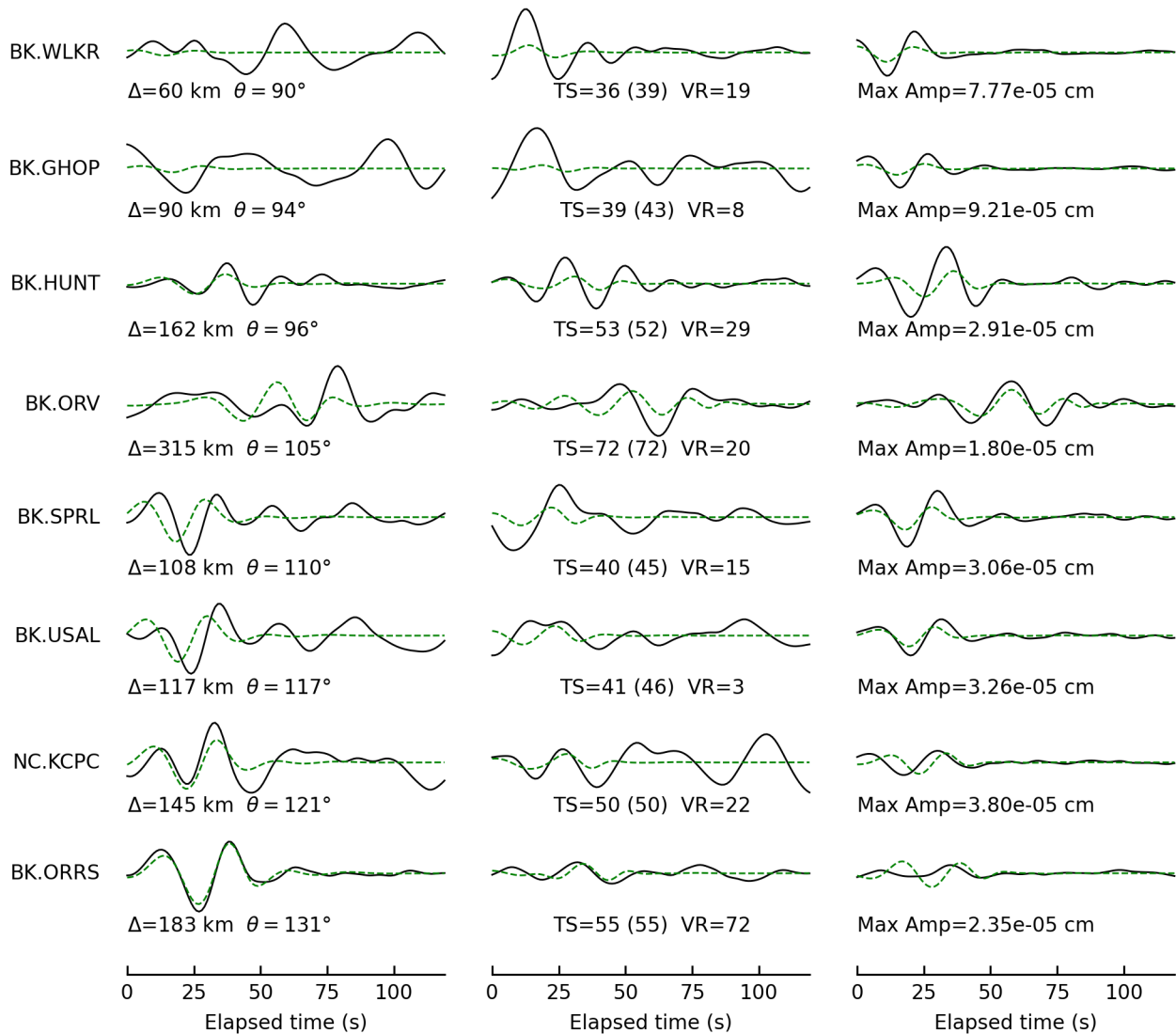
Evid = 75097131  
 Depth = 22.0 km  
 Mw = 3.79  
 M0 = 6.04e+21 dyne-cm  
 Percent DC/CLVD/ISO = 99/1/0  
 sdr = (234,62,43) (120,53,143)  
 npts = 120 vred = 7.692 km/s  
 VR = 13.41% lune:0,0



Tangential

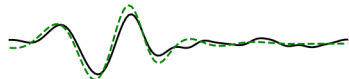
Radial

Vertical

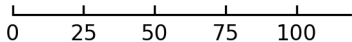


BK.BONV

Tangential



$\Delta=210$  km  $\theta = 136^\circ$

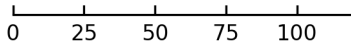


Elapsed time (s)

Radial



TS=57 (58) VR=36

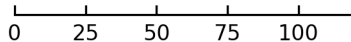


Elapsed time (s)

Vertical



Max Amp=2.11e-05 cm



Elapsed time (s)

Deviatoric Moment Tensor Inversion

Evid = 75097181

Depth = 11.0 km

Mw = 3.89

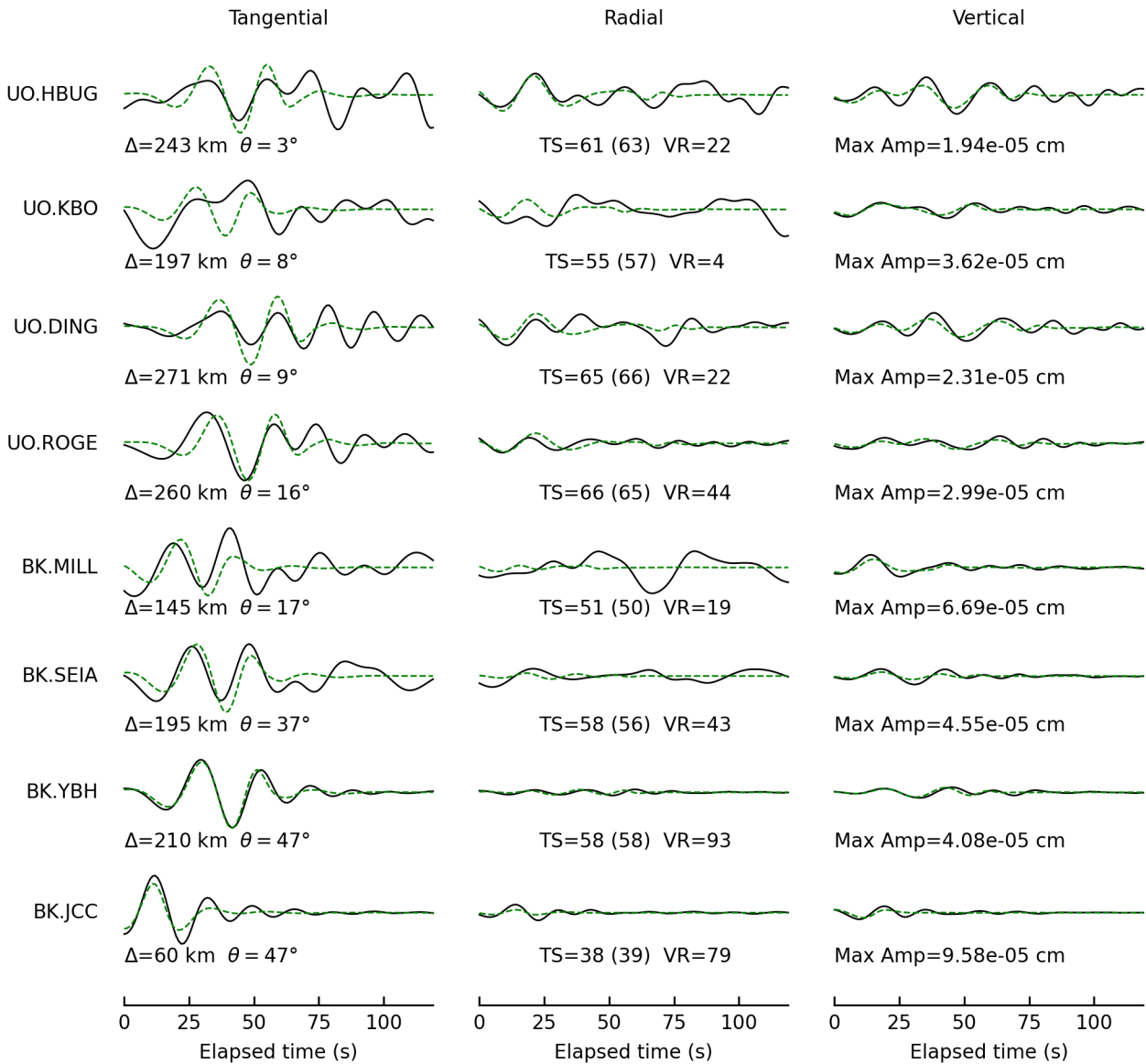
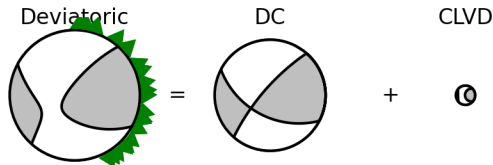
M0 = 8.46e+21 dyne-cm

Percent DC/CLVD/ISO = 85/15/0

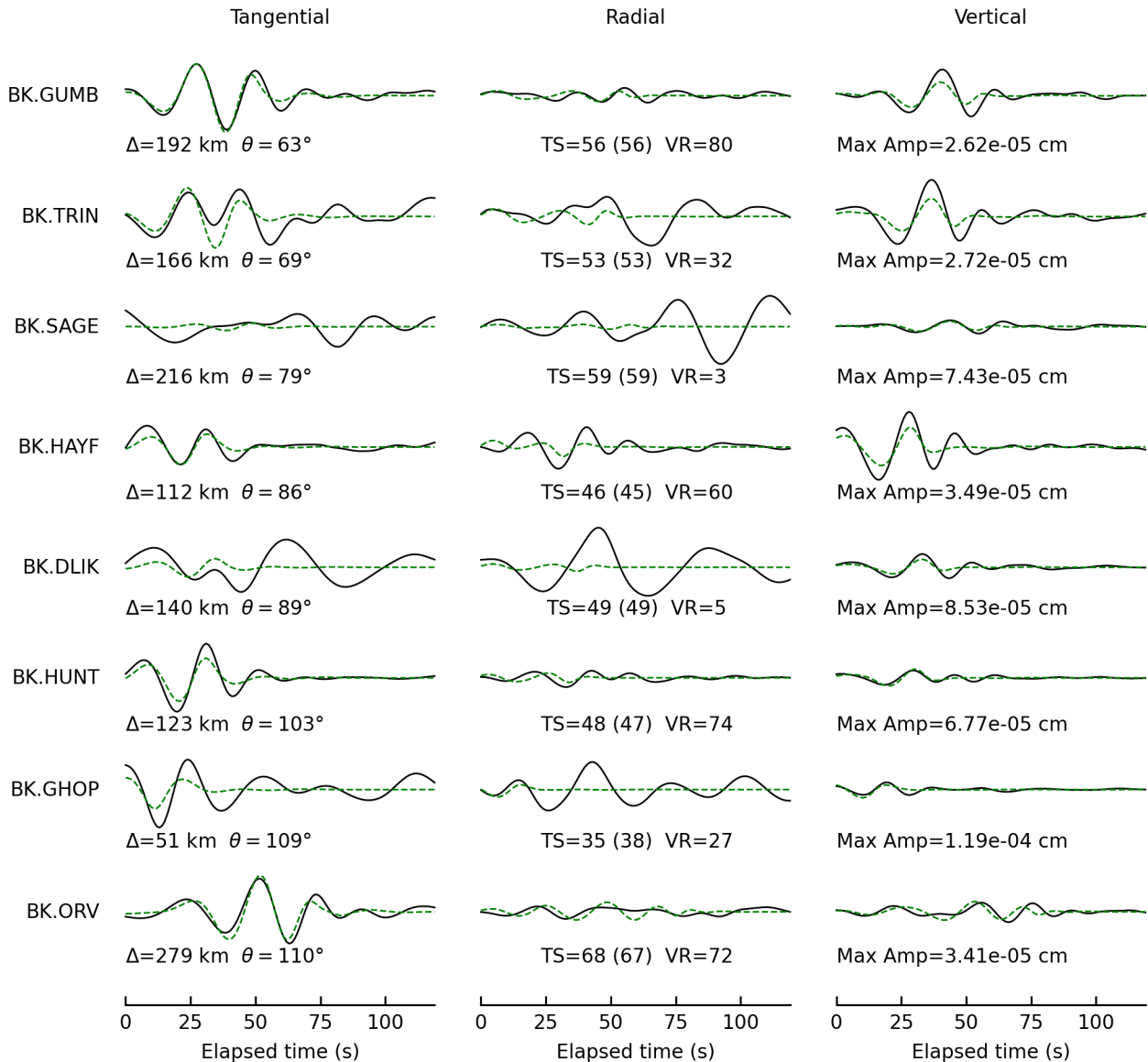
sdr = (221,75,43) (118,48,160)

npts = 120 vred = 7.692 km/s

VR = 22.10% lune:-4,0



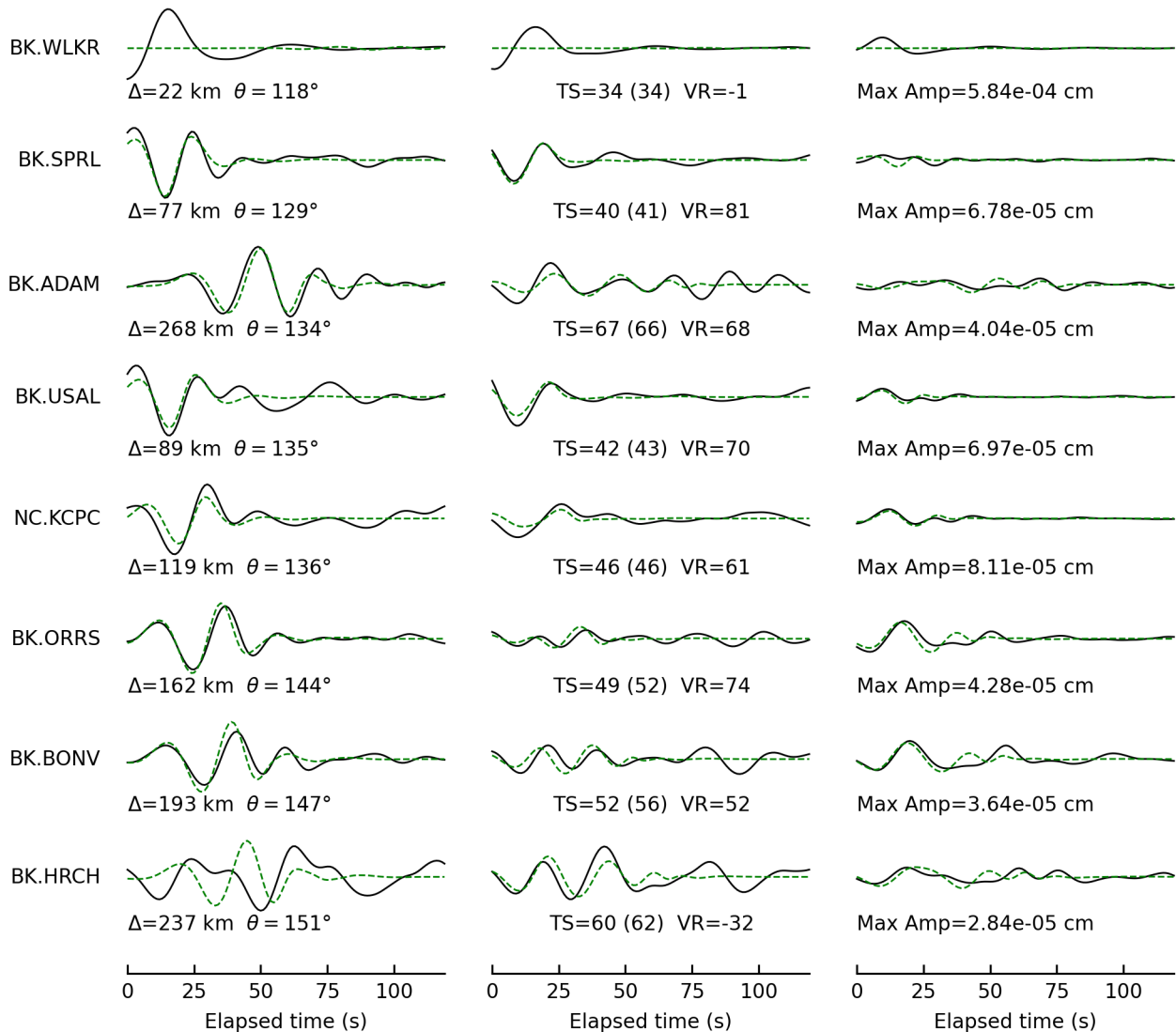




Tangential

Radial

Vertical



# Deviatoric Tensor Inversion

Evid = 75097181

Depth = 28.0 km

Mw = 3.98

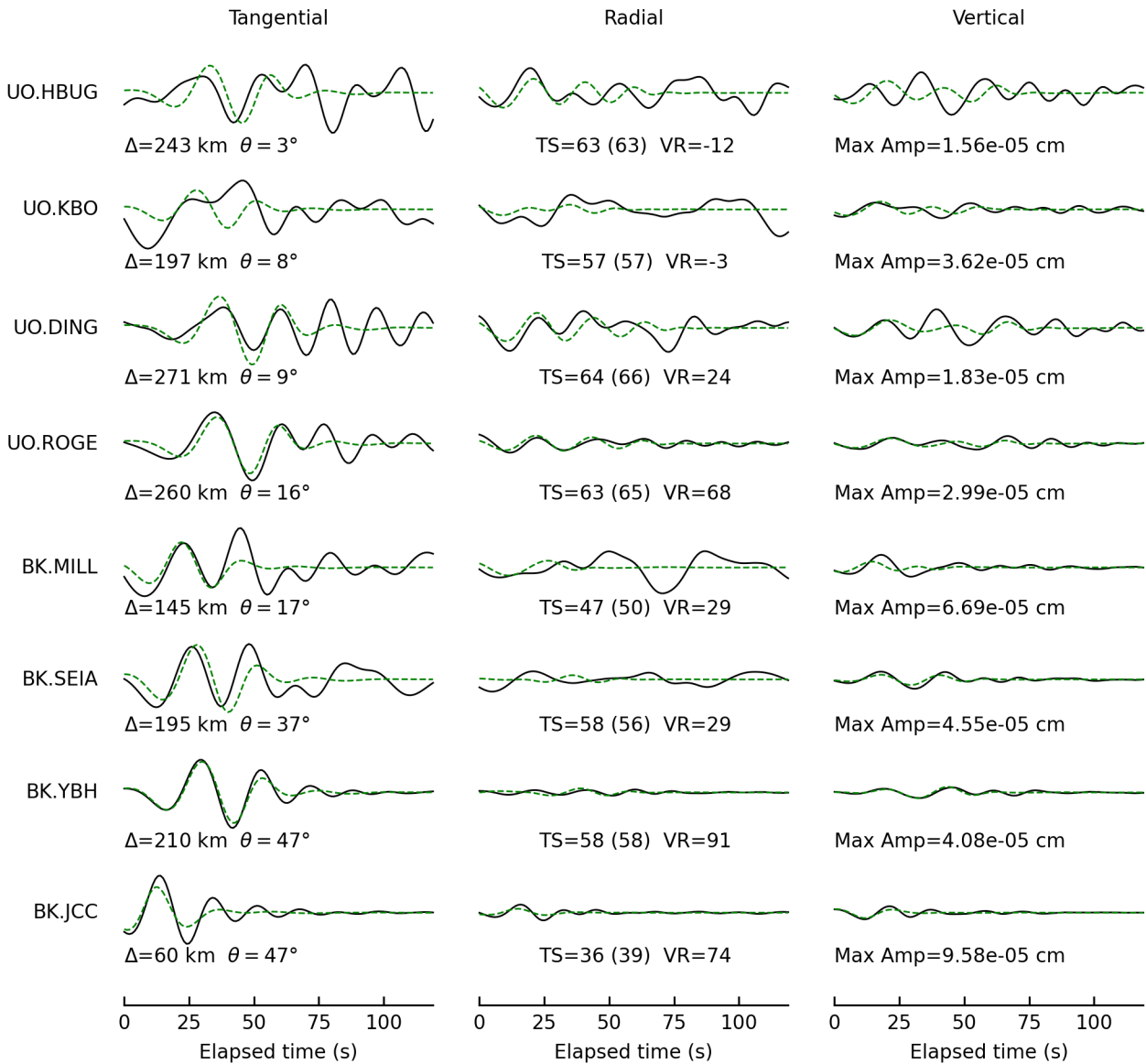
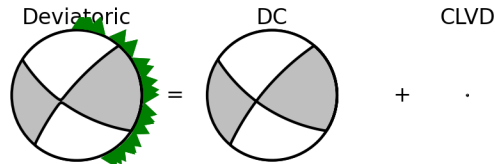
M0 = 1.16e+22 dyne-cm

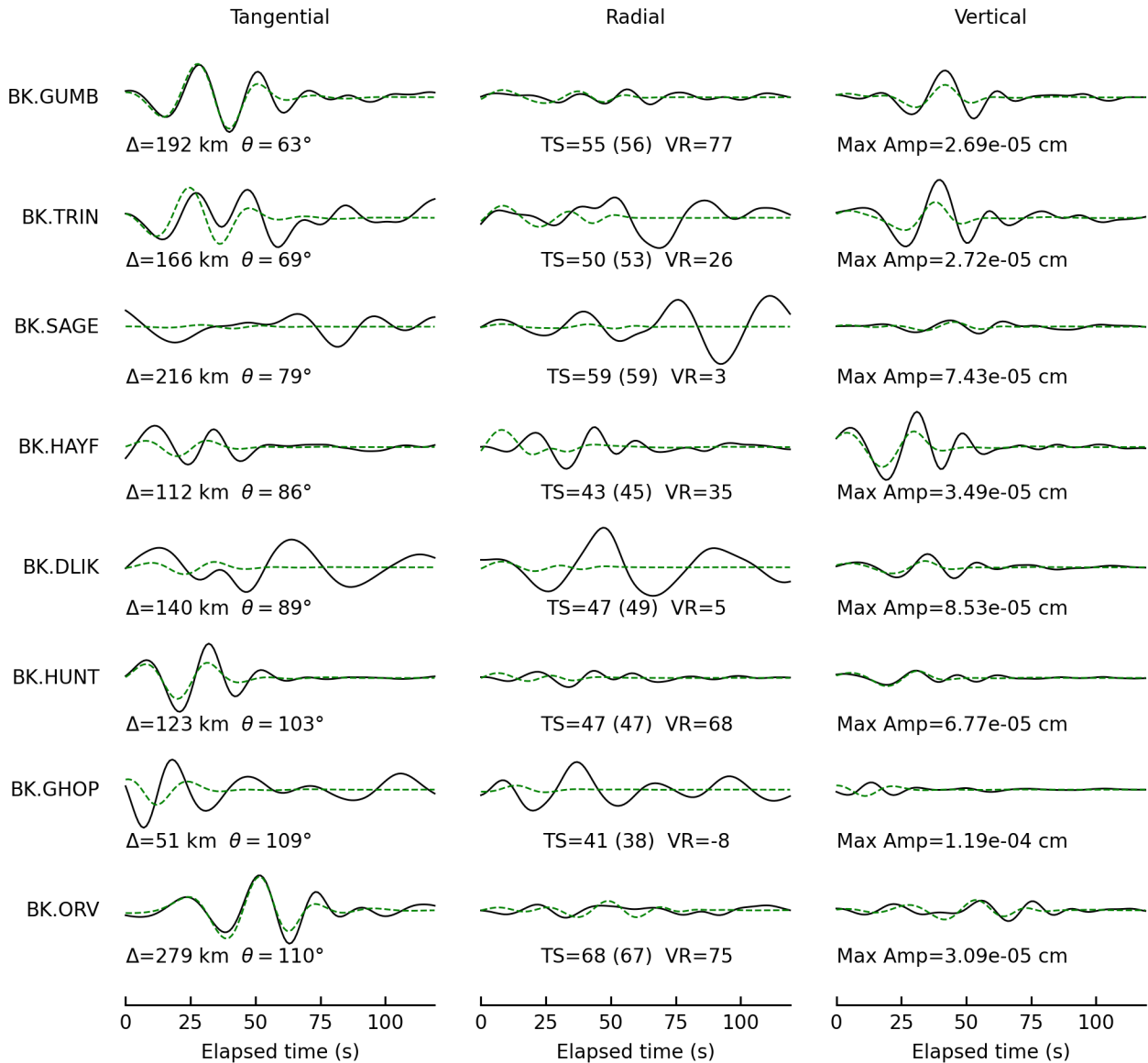
Percent DC/CLVD/ISO = 100/0/0

sdr = (220,75,25) (123,66,163)

npts = 120 vred = 7.692 km/s

VR = 18.66% lune:0,0

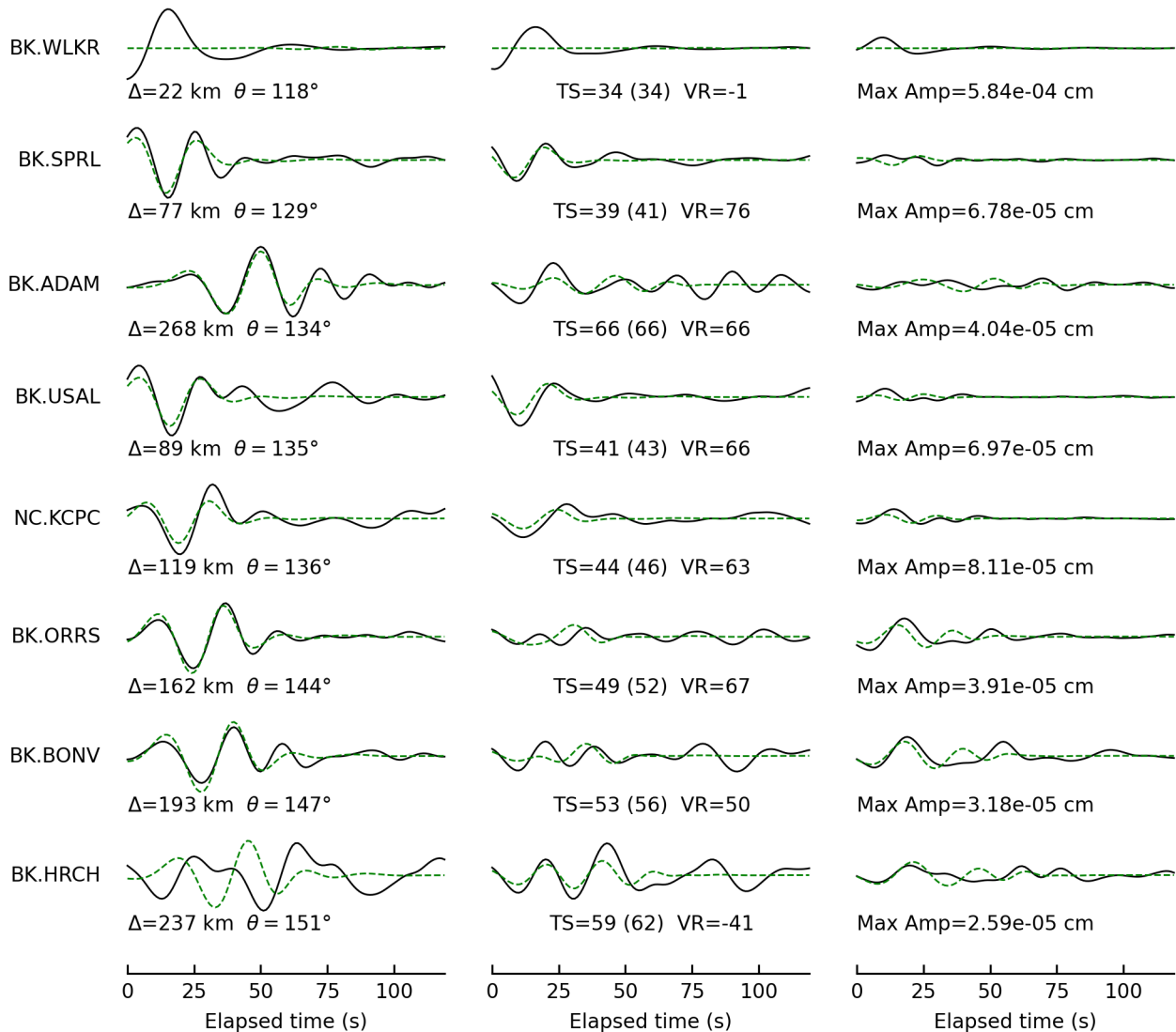




Tangential

Radial

Vertical



# Deviatoric Moment Tensor Inversion

Evid = 75097271

Depth = 4.0 km

Mw = 4.12

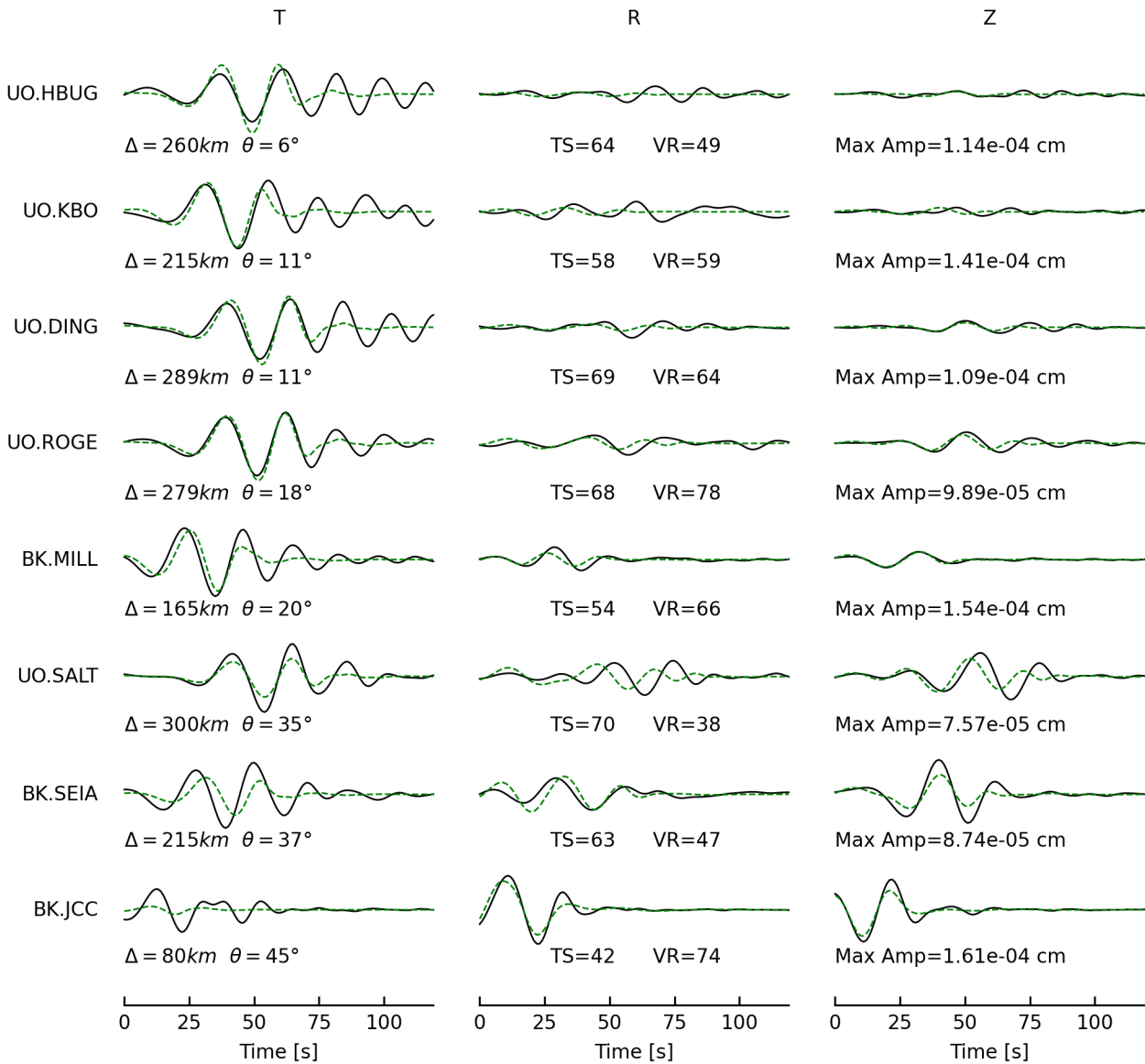
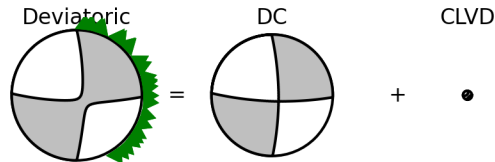
M0 = 1.90e+22 dyne-cm

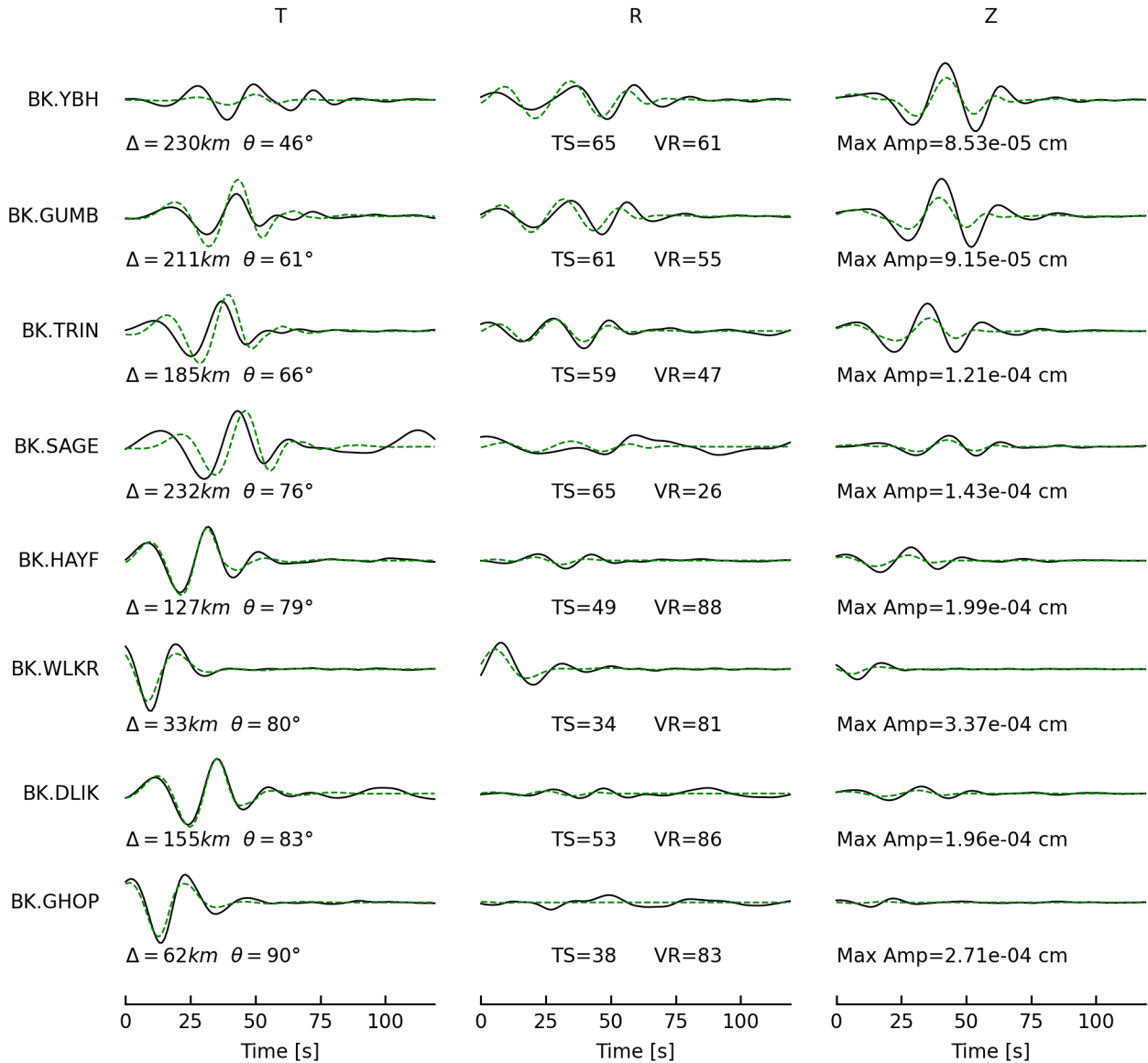
Percent DC/CLVD/ISO = 93/7/0

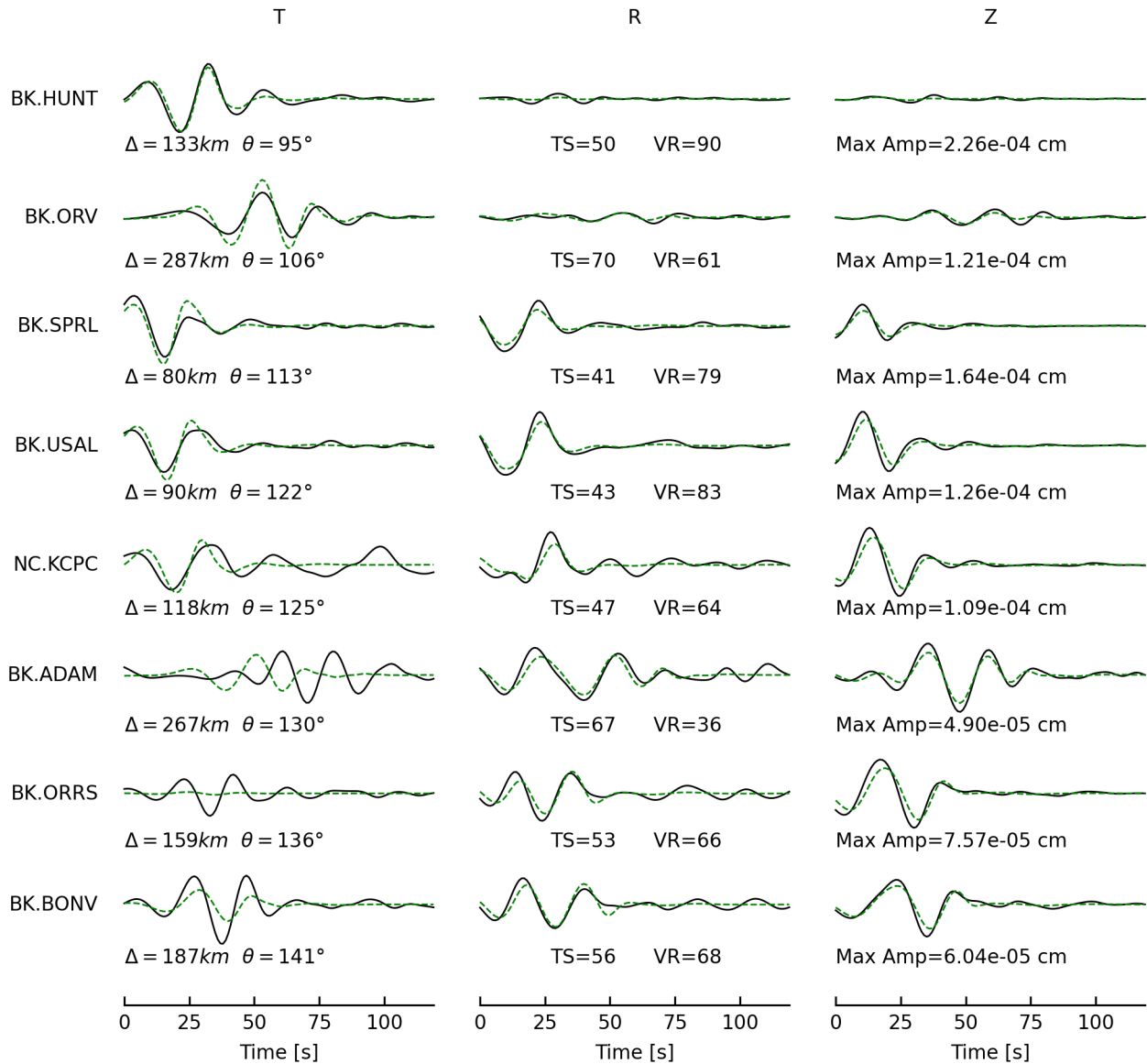
sdr = (360,78,-11) (92,79,-168)

npts = 120 vred = 7.692 km/s

VR = 66.14% lune:2,0



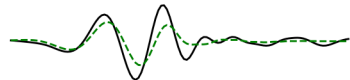




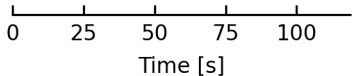


BK.HRCH

T



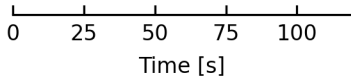
$\Delta = 230km$   $\theta = 146^\circ$



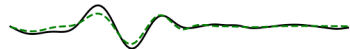
R



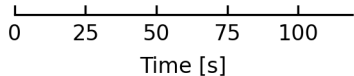
TS=60 VR=67



Z



Max Amp=8.95e-05 cm



# Deviatoric Moment Tensor Inversion

Evid = 75097271

Depth = 4.0 km

Mw = 4.12

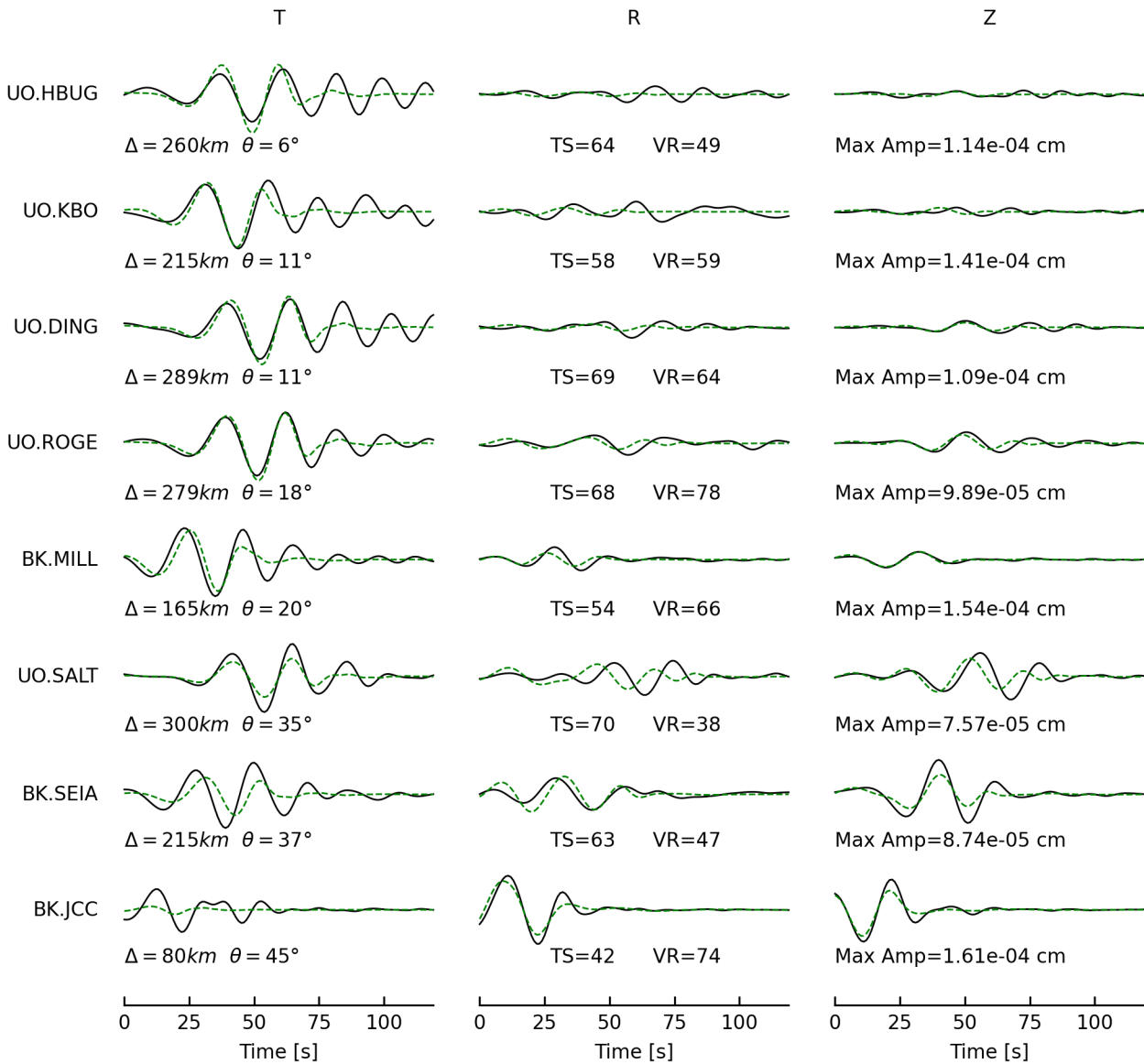
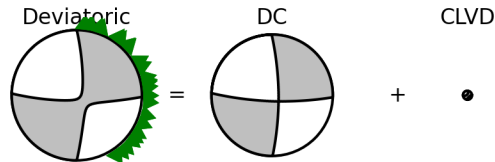
M0 = 1.90e+22 dyne-cm

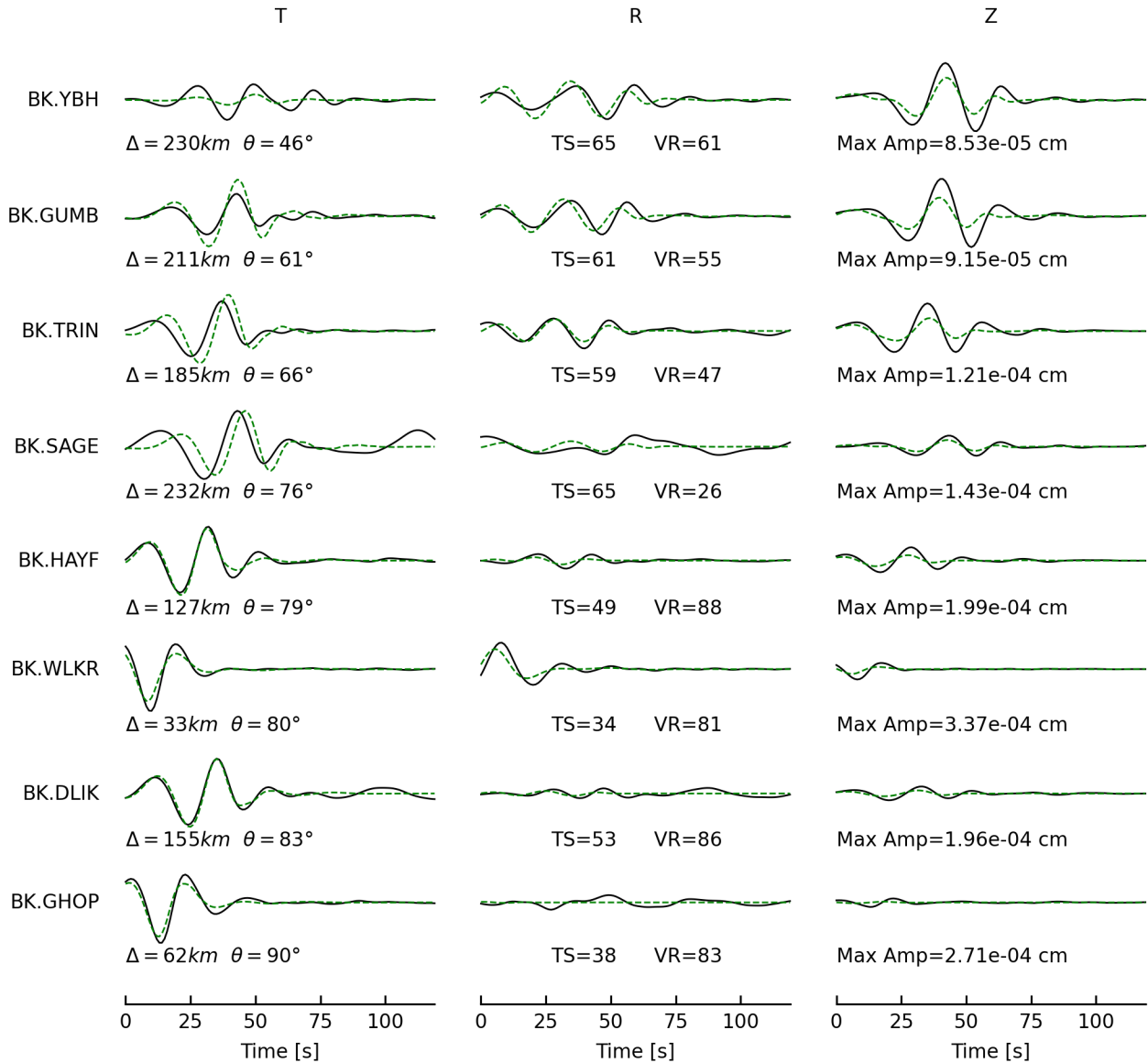
Percent DC/CLVD/ISO = 93/7/0

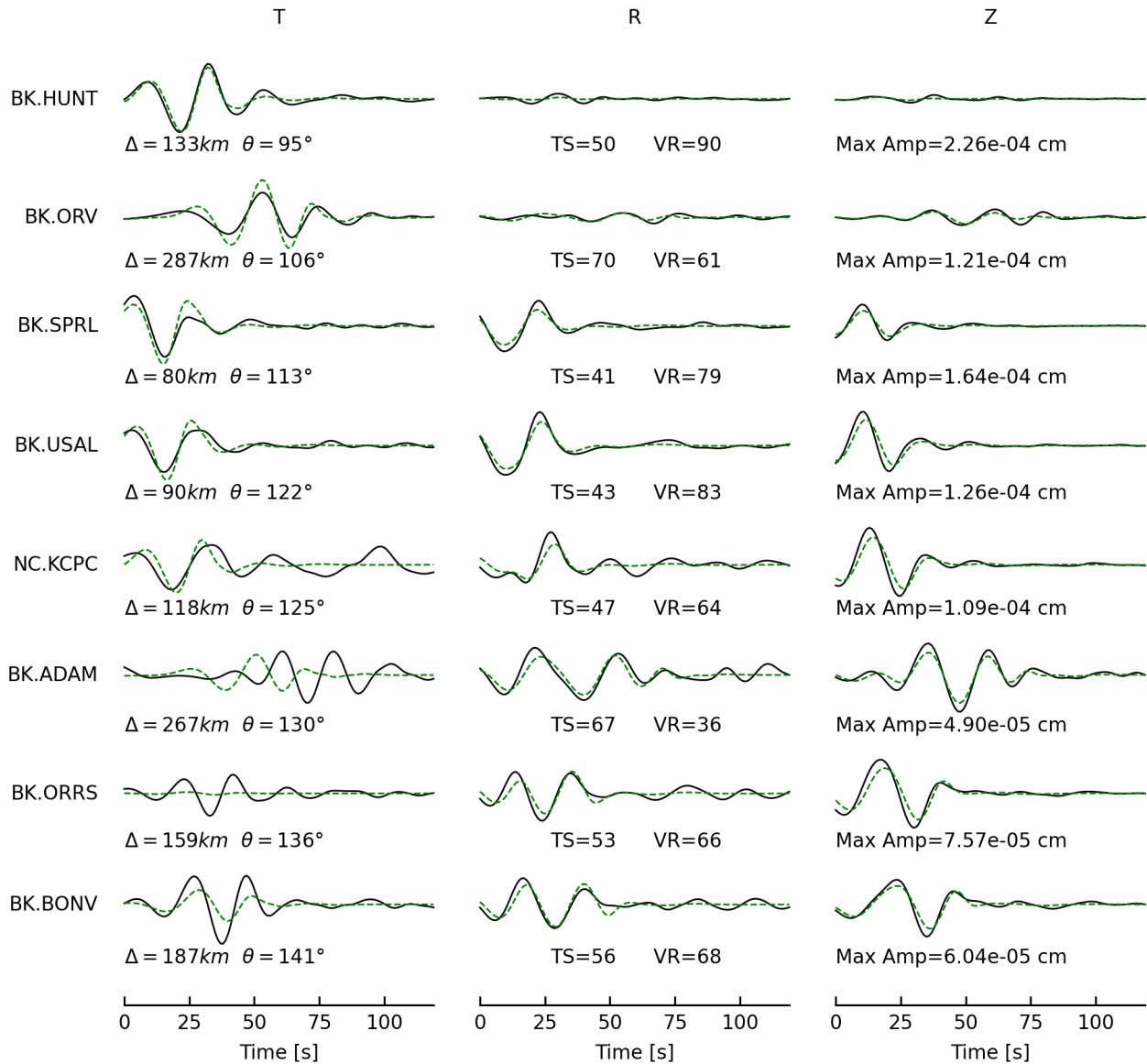
sdr = (360,78,-11) (92,79,-168)

npts = 120 vred = 7.692 km/s

VR = 66.14% lune:2,0

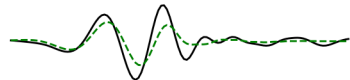




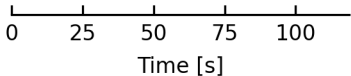


BK.HRCH

T



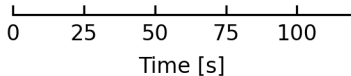
$\Delta = 230km$   $\theta = 146^\circ$



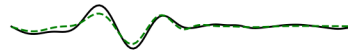
R



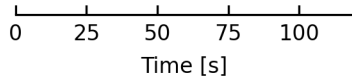
TS=60 VR=67



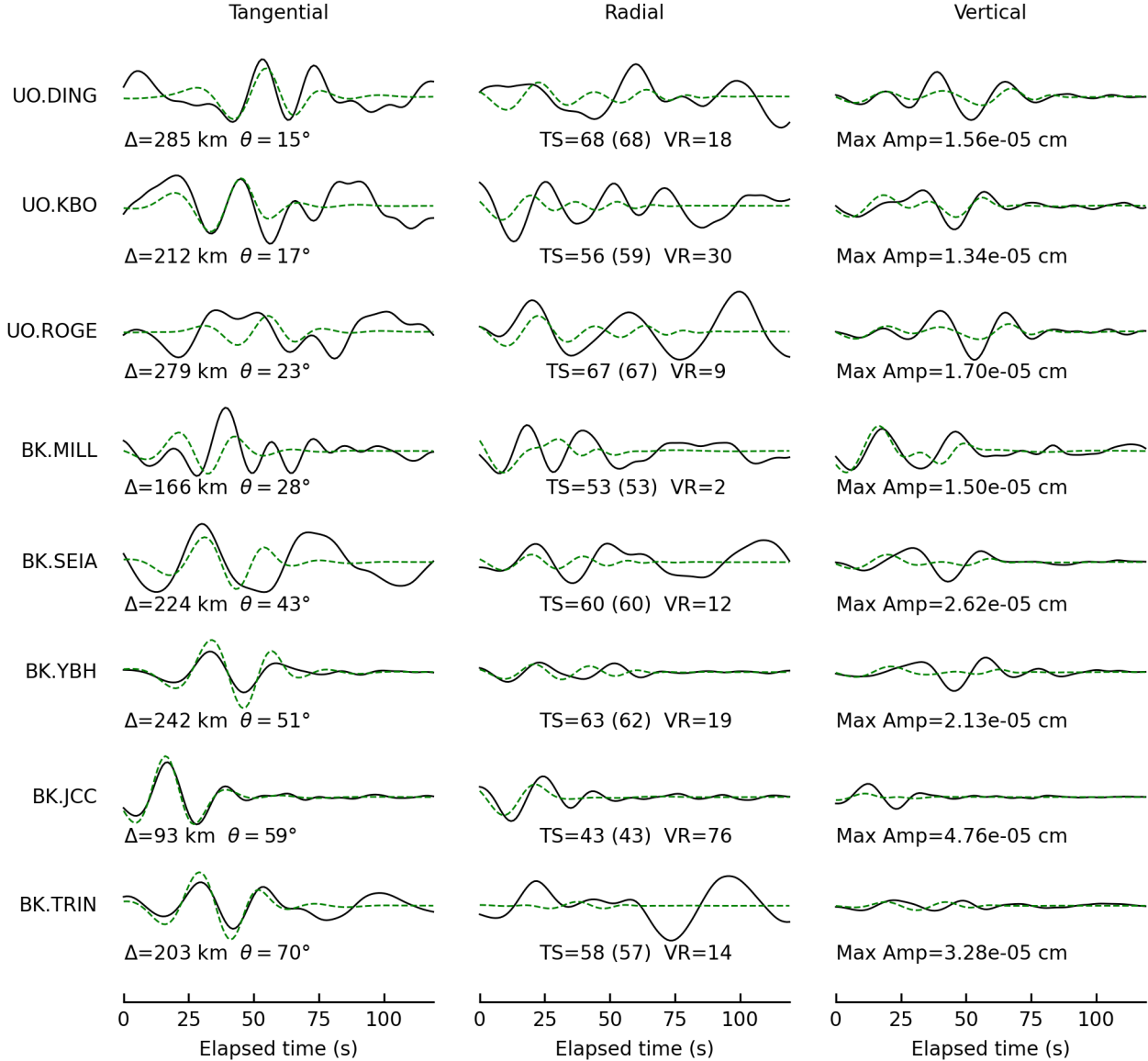
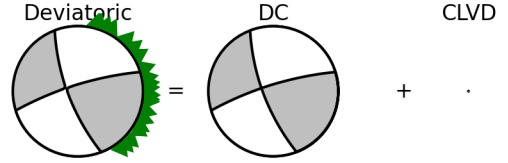
Z



Max Amp=8.95e-05 cm



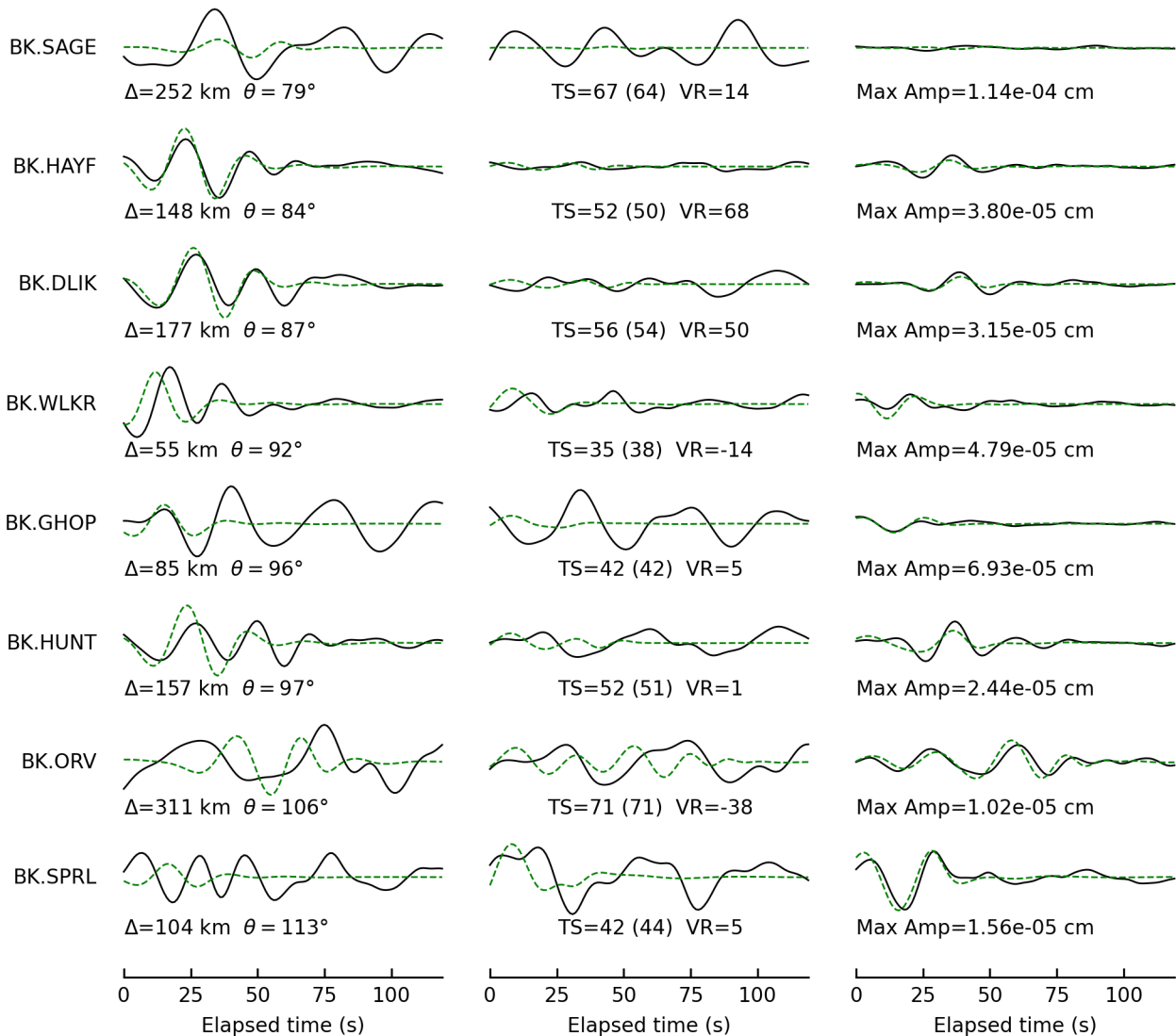
Deviatoric Moment Tensor Inversion  
 Evid = 75097556  
 Depth = 24.0 km  
 Mw = 3.86  
 M0 = 7.56e+21 dyne-cm  
 Percent DC/CLVD/ISO = 100/0/0  
 sdr = (253,78,18) (159,72,168)  
 npts = 120 vred = 7.692 km/s  
 VR = 15.89% lune:0,0



Tangential

Radial

Vertical

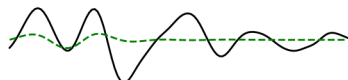
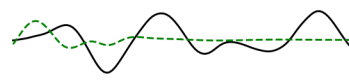


Tangential

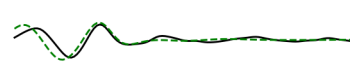
Radial

Vertical

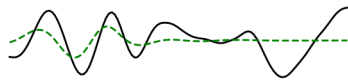
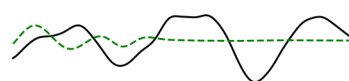
BK.USAL

 $\Delta=113$  km  $\theta=119^\circ$ 

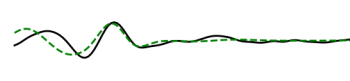
TS=43 (46) VR=9

Max Amp= $2.20 \times 10^{-5}$  cm

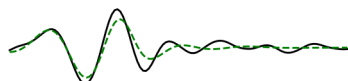
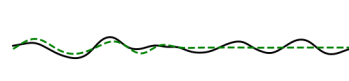
NC.KCPC

 $\Delta=142$  km  $\theta=123^\circ$ 

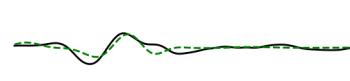
TS=46 (49) VR=8

Max Amp= $1.95 \times 10^{-5}$  cm

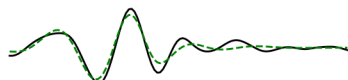
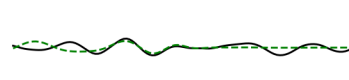
BK.ORRS

 $\Delta=181$  km  $\theta=133^\circ$ 

TS=54 (54) VR=75

Max Amp= $2.53 \times 10^{-5}$  cm

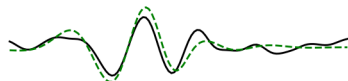
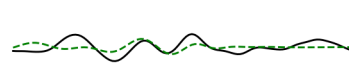
BK.BONV

 $\Delta=209$  km  $\theta=138^\circ$ 

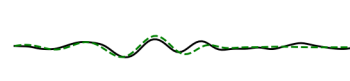
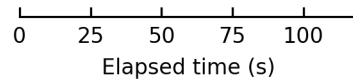
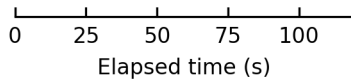
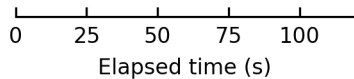
TS=56 (58) VR=81

Max Amp= $2.63 \times 10^{-5}$  cm

BK.HRCH

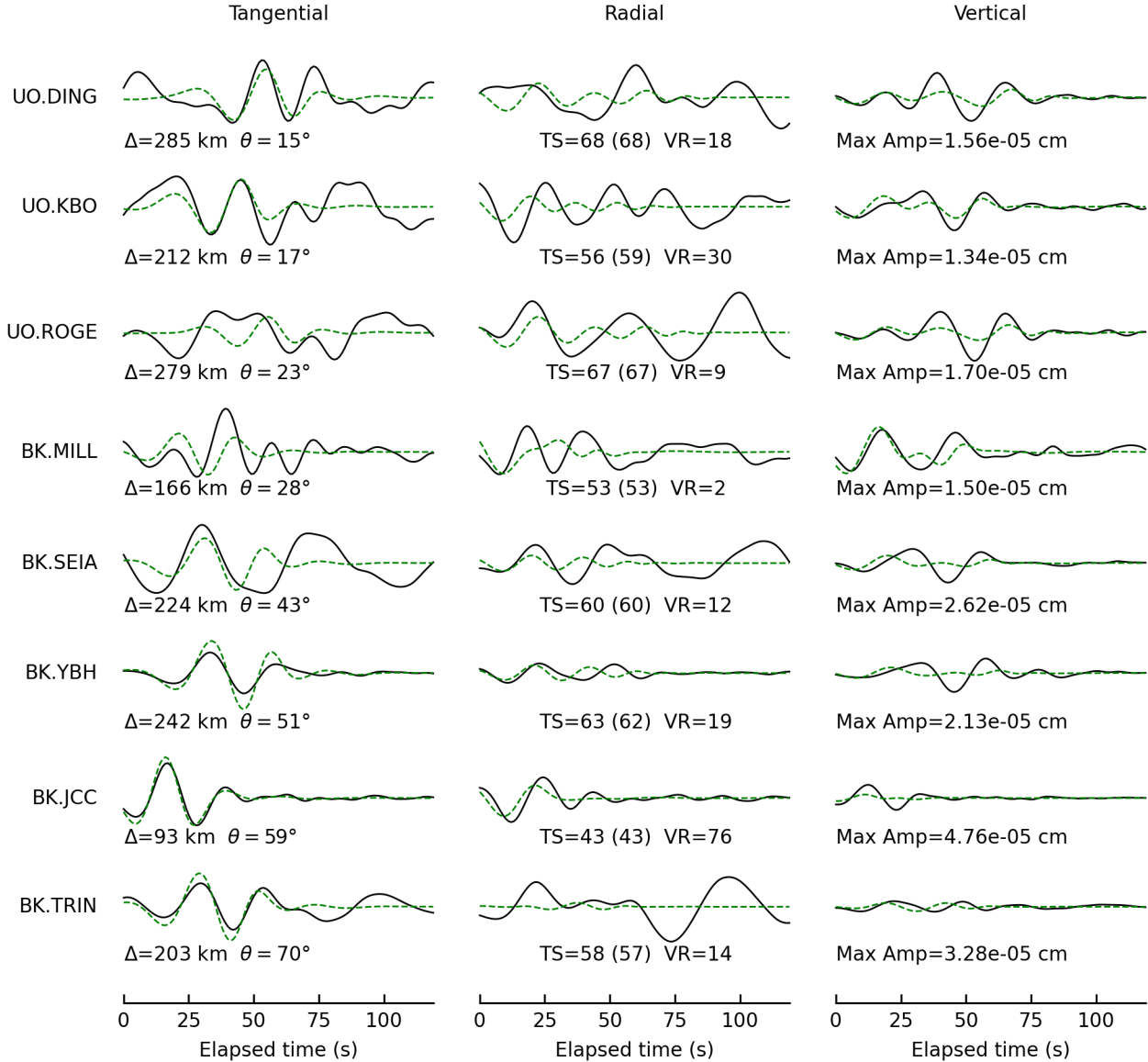
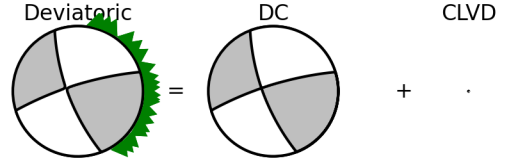
 $\Delta=250$  km  $\theta=143^\circ$ 

TS=61 (63) VR=53

Max Amp= $2.43 \times 10^{-5}$  cm



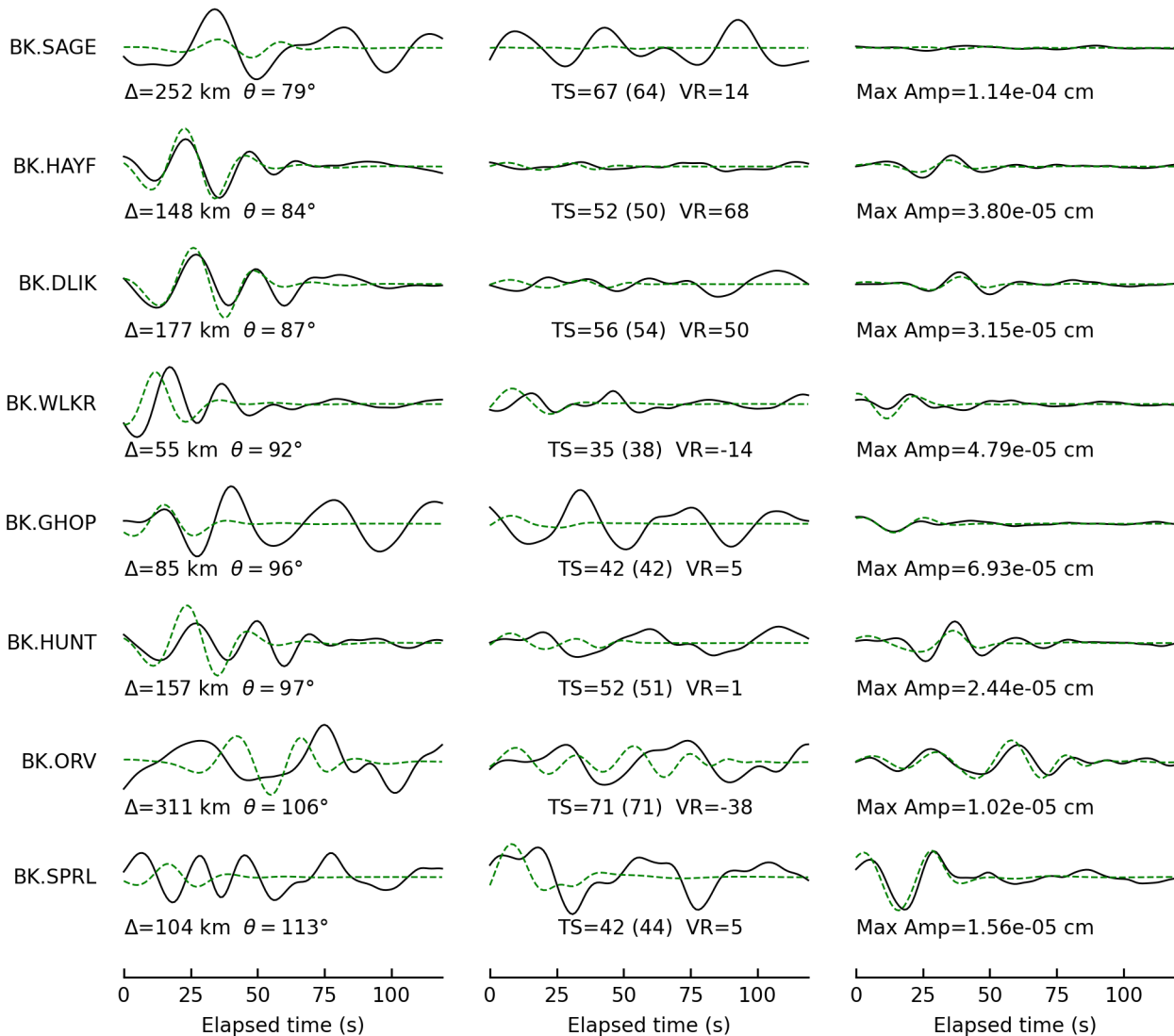
Deviatoric Moment Tensor Inversion  
 Evid = 75097556  
 Depth = 24.0 km  
 Mw = 3.86  
 M0 = 7.56e+21 dyne-cm  
 Percent DC/CLVD/ISO = 100/0/0  
 sdr = (253,78,18) (159,72,168)  
 npts = 120 vred = 7.692 km/s  
 VR = 15.89% lune:0,0



Tangential

Radial

Vertical

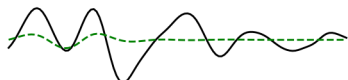
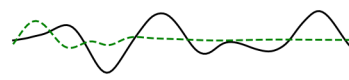


Tangential

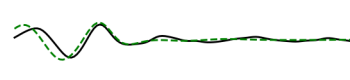
Radial

Vertical

BK.USAL

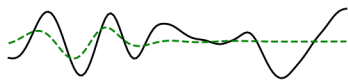
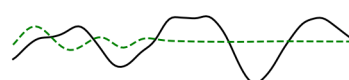
 $\Delta=113$  km  $\theta=119^\circ$ 

TS=43 (46) VR=9

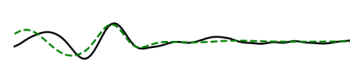


Max Amp=2.20e-05 cm

NC.KCPC

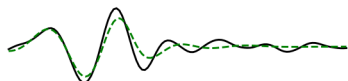
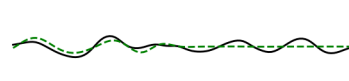
 $\Delta=142$  km  $\theta=123^\circ$ 

TS=46 (49) VR=8

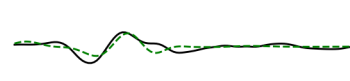


Max Amp=1.95e-05 cm

BK.ORRS

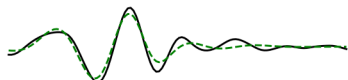
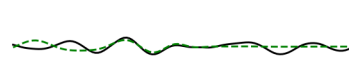
 $\Delta=181$  km  $\theta=133^\circ$ 

TS=54 (54) VR=75

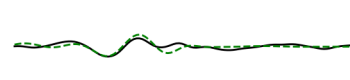


Max Amp=2.53e-05 cm

BK.BONV

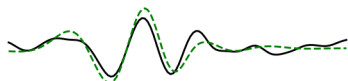
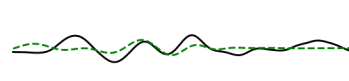
 $\Delta=209$  km  $\theta=138^\circ$ 

TS=56 (58) VR=81



Max Amp=2.63e-05 cm

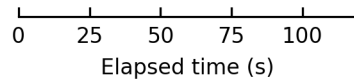
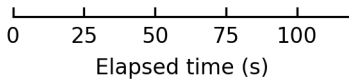
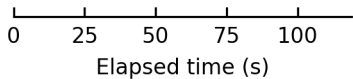
BK.HRCH

 $\Delta=250$  km  $\theta=143^\circ$ 

TS=61 (63) VR=53



Max Amp=2.43e-05 cm



# Deviatoric Moment Tensor Inversion

Evid = 75097611

Depth = 18.0 km

Mw = 3.71

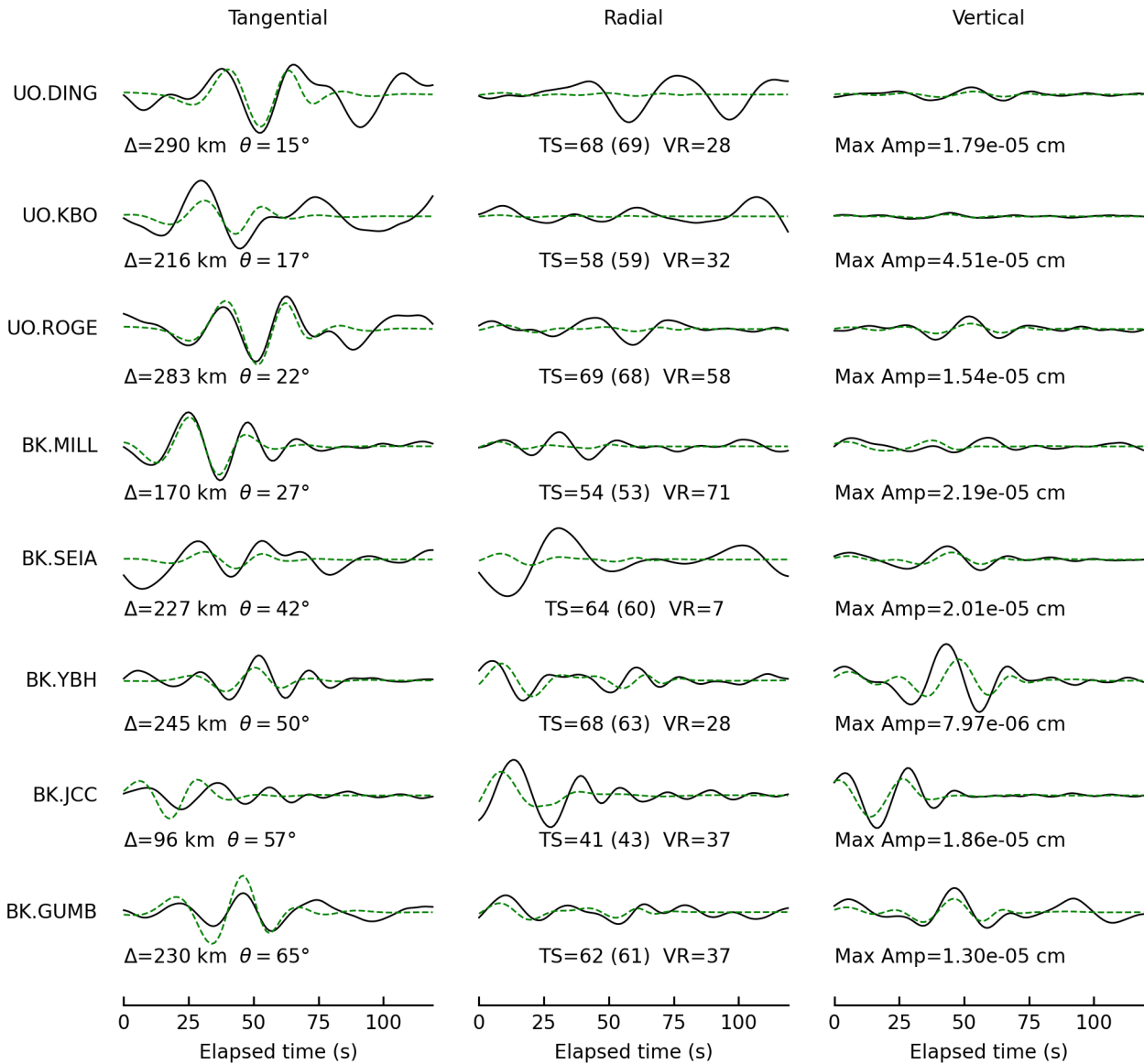
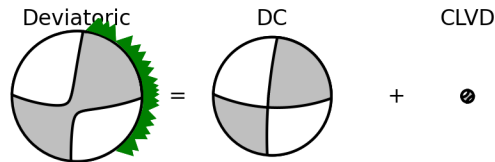
M0 = 4.64e+21 dyne-cm

Percent DC/CLVD/ISO = 91/9/0

sdr = (92,68,172) (185,83,22)

npts = 120 vred = 7.692 km/s

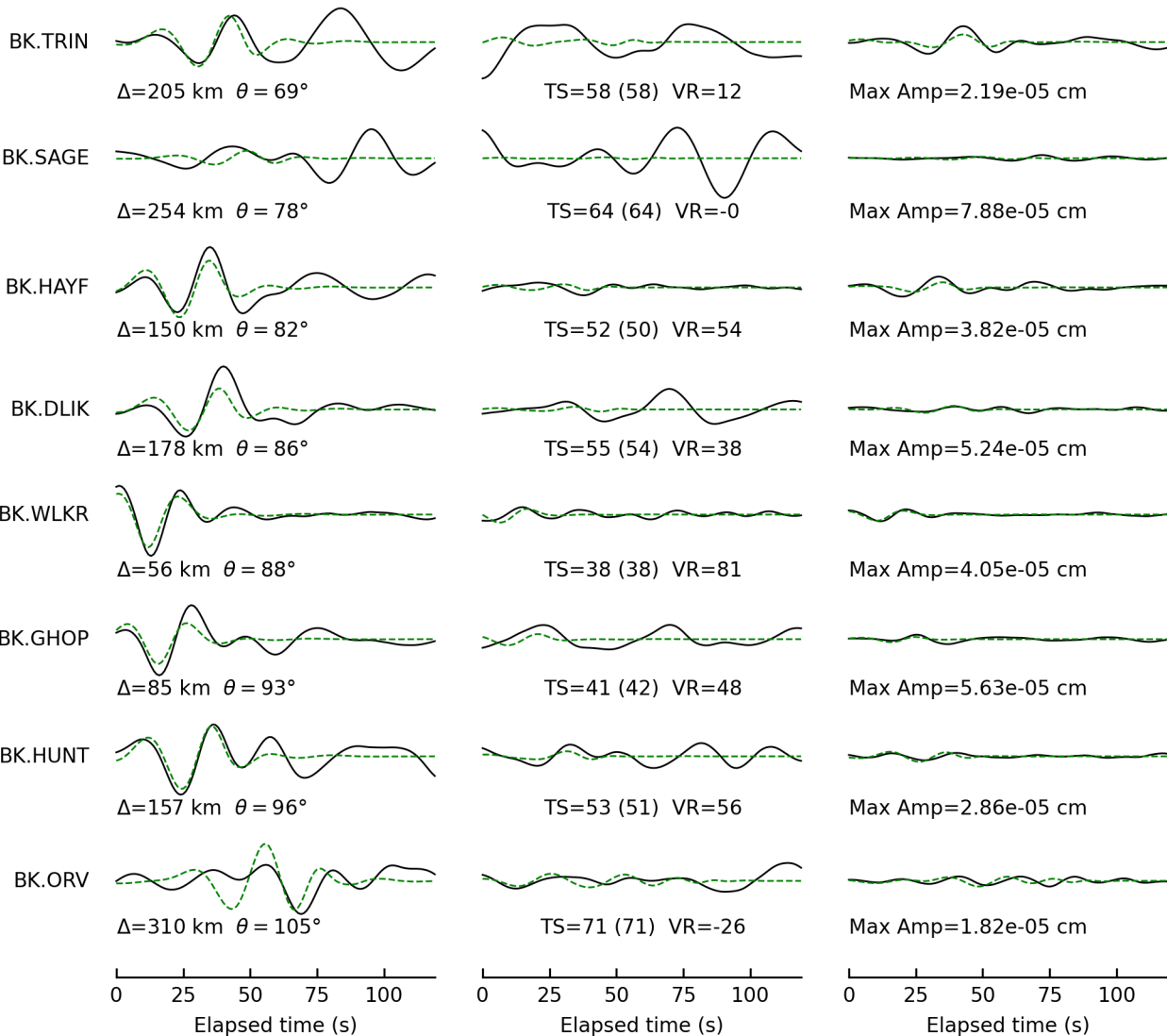
VR = 14.52% lune:2,0



Tangential

Radial

Vertical



Tangential

Radial

Vertical

BK.SPRL

 $\Delta=103$  km  $\theta=110^\circ$ 

TS=45 (44) VR=50

Max Amp=2.28e-05 cm

BK.USAL

 $\Delta=112$  km  $\theta=117^\circ$ 

TS=45 (45) VR=42

Max Amp=1.88e-05 cm

NC.KCPC

 $\Delta=140$  km  $\theta=121^\circ$ 

TS=49 (49) VR=-7

Max Amp=1.89e-05 cm

BK.ORRS

 $\Delta=178$  km  $\theta=132^\circ$ 

TS=54 (54) VR=-23

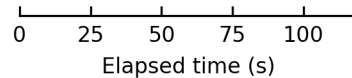
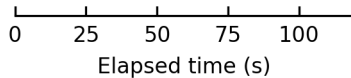
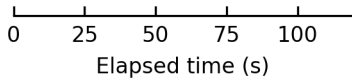
Max Amp=9.61e-06 cm

BK.BONV

 $\Delta=206$  km  $\theta=137^\circ$ 

TS=58 (58) VR=9

Max Amp=1.06e-05 cm



Deviatoric Moment Tensor Inversion

Evid = 75097611

Depth = 17.0 km

Mw = 3.71

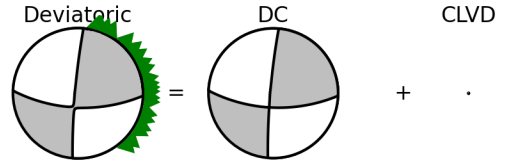
M0 = 4.51e+21 dyne-cm

Percent DC/CLVD/ISO = 100/0/0

sdr = (92,65,174) (185,85,25)

npts = 120 vred = 7.692 km/s

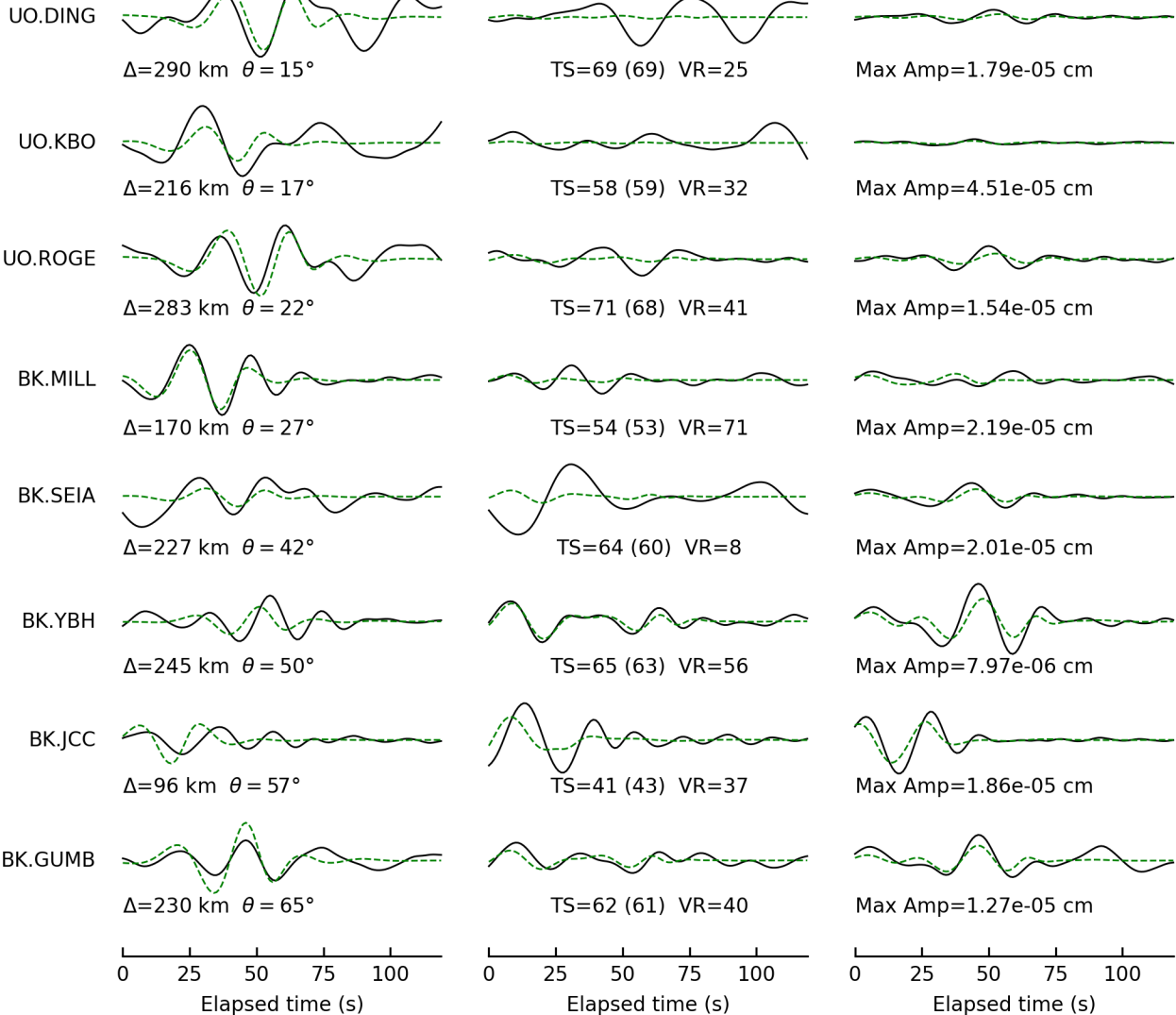
VR = 14.22% lune:0,0



Tangential

Radial

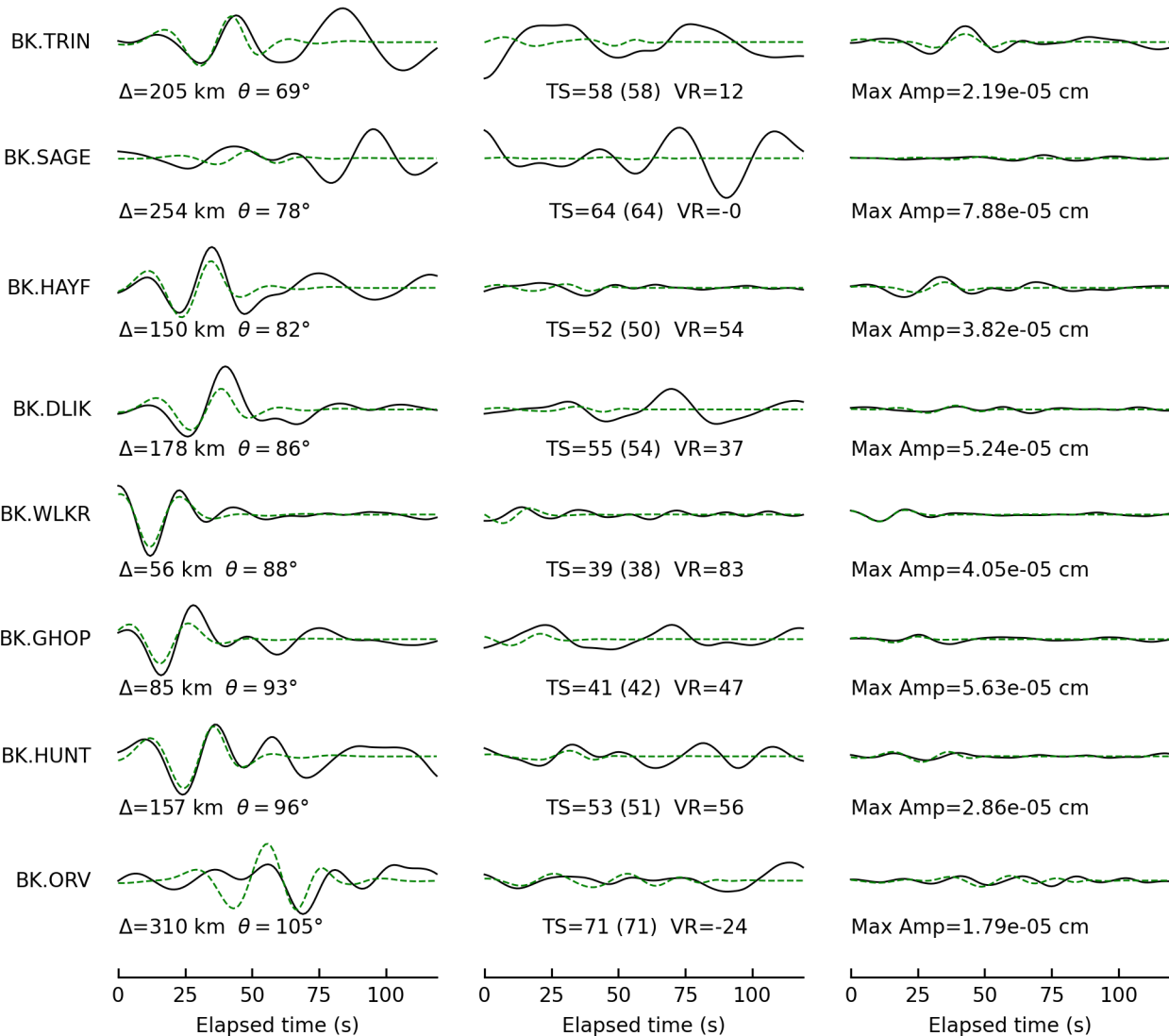
Vertical



Tangential

Radial

Vertical





Tangential

Radial

Vertical

BK.SPRL

 $\Delta=103$  km  $\theta = 110^\circ$ 

TS=45 (44) VR=51

Max Amp=2.26e-05 cm

BK.USAL

 $\Delta=112$  km  $\theta = 117^\circ$ 

TS=46 (45) VR=39

Max Amp=1.88e-05 cm

NC.KCPC

 $\Delta=140$  km  $\theta = 121^\circ$ 

TS=49 (49) VR=-6

Max Amp=1.89e-05 cm

BK.ORRS

 $\Delta=178$  km  $\theta = 132^\circ$ 

TS=54 (54) VR=-26

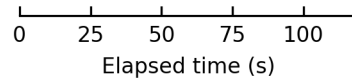
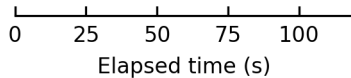
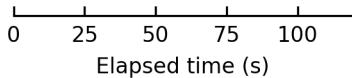
Max Amp=9.61e-06 cm

BK.BONV

 $\Delta=206$  km  $\theta = 137^\circ$ 

TS=58 (58) VR=7

Max Amp=1.06e-05 cm



# Deviatoric Moment Tensor Inversion

Evid = 75097691

Depth = 5.0 km

Mw = 3.97

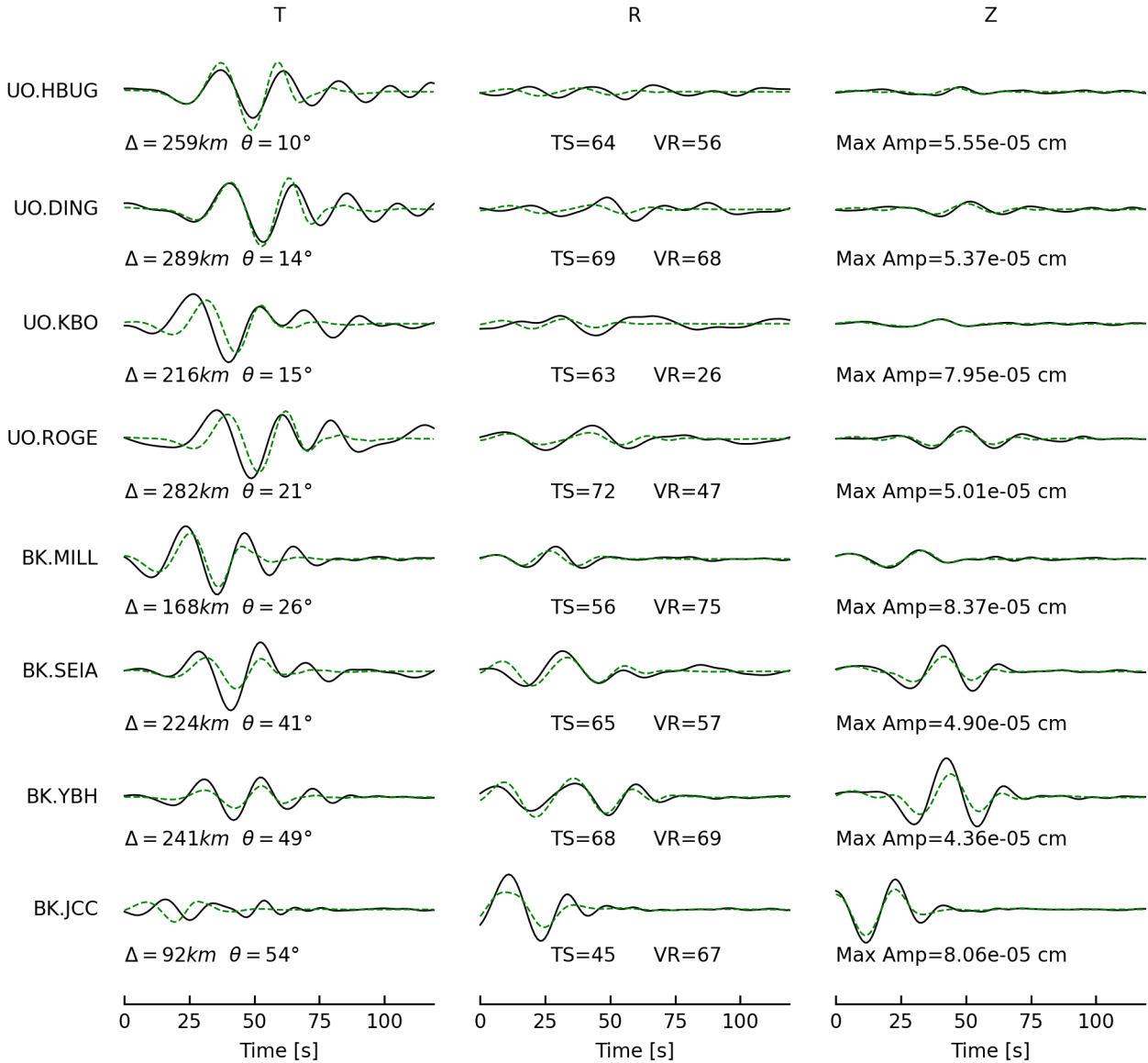
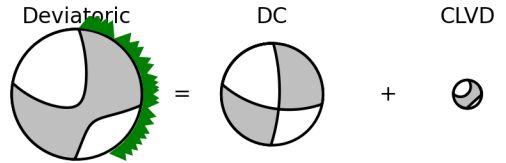
M0 = 1.10e+22 dyne-cm

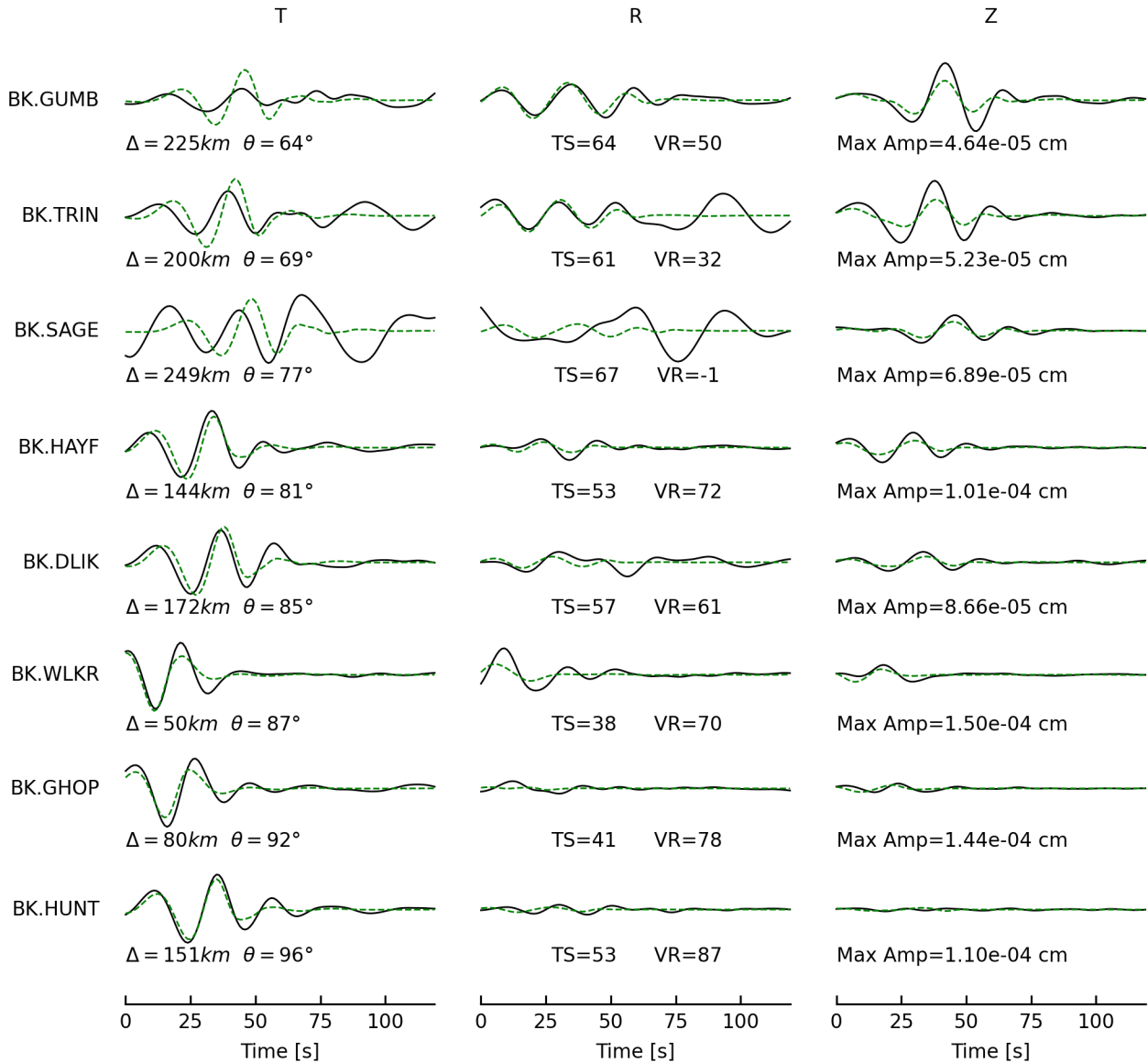
Percent DC/CLVD/ISO = 78/22/0

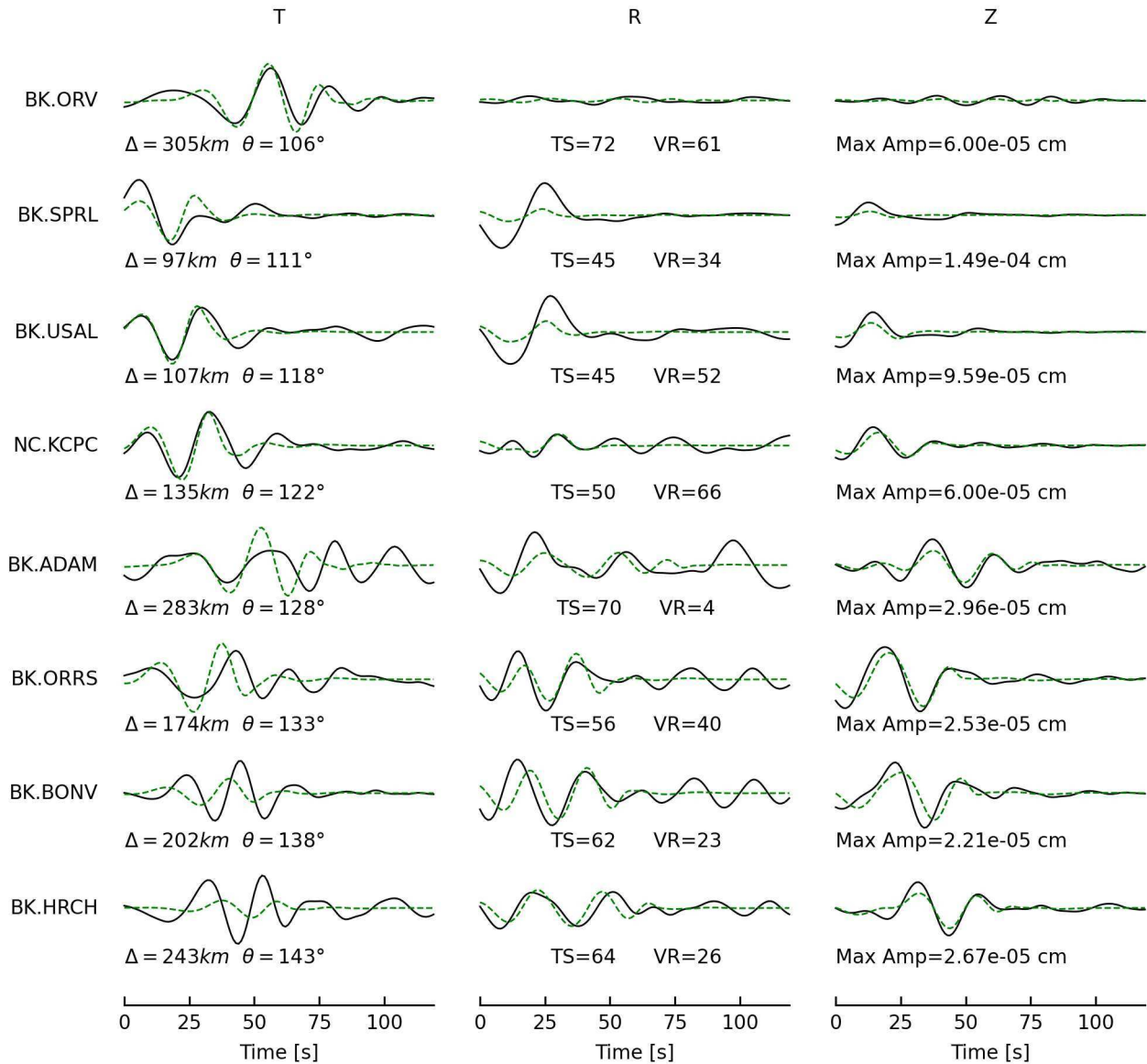
sdr = (101,60,-161) (1,74,-32)

npts = 120 vred = 7.692 km/s

VR = 48.51% lune:6,0







Deviatoric Moment Tensor Inversion

Evid = 75097691

Depth = 6.0 km

Mw = 3.97

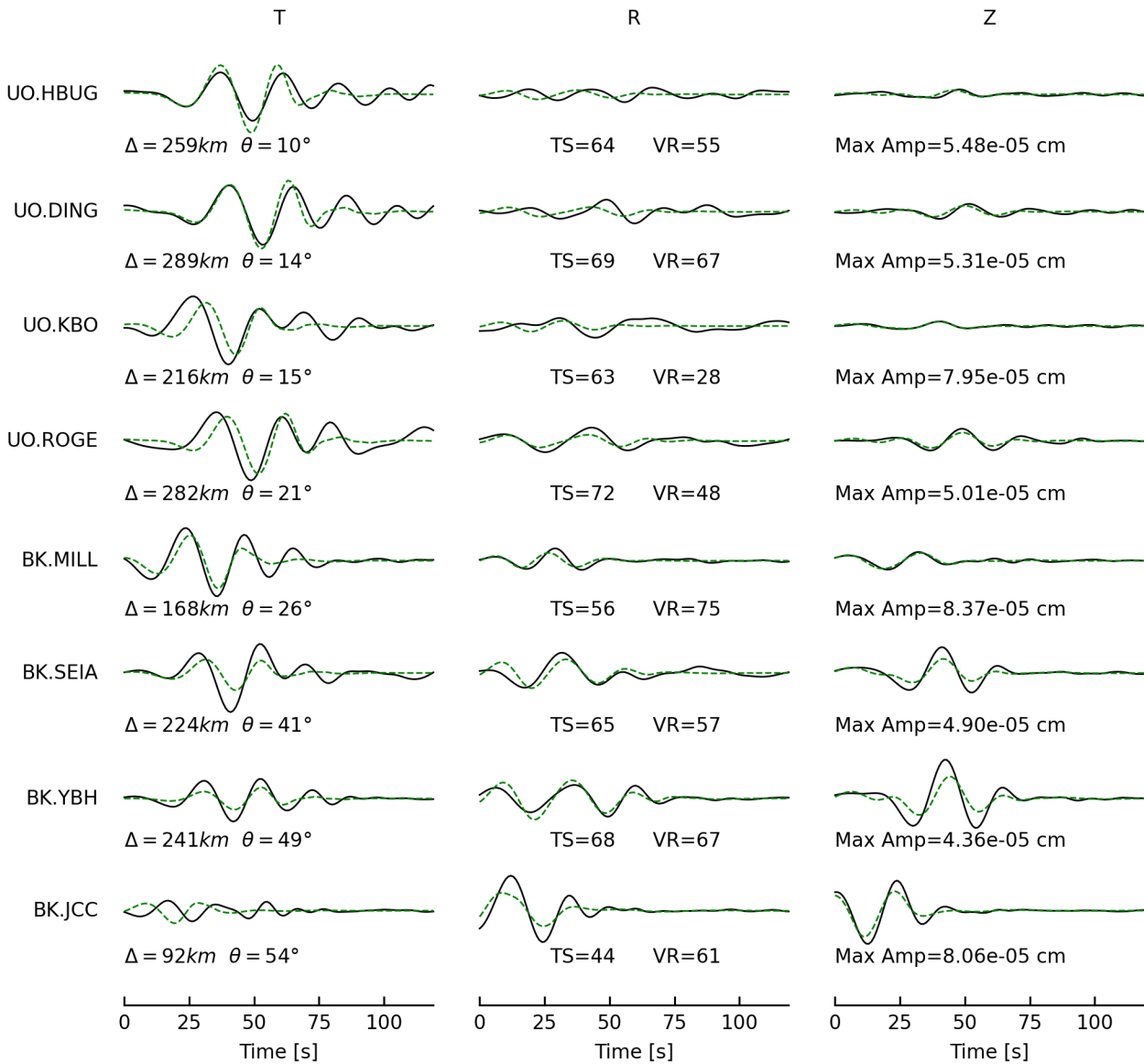
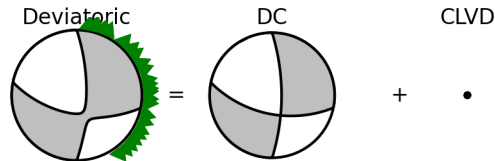
M0 = 1.13e+22 dyne-cm

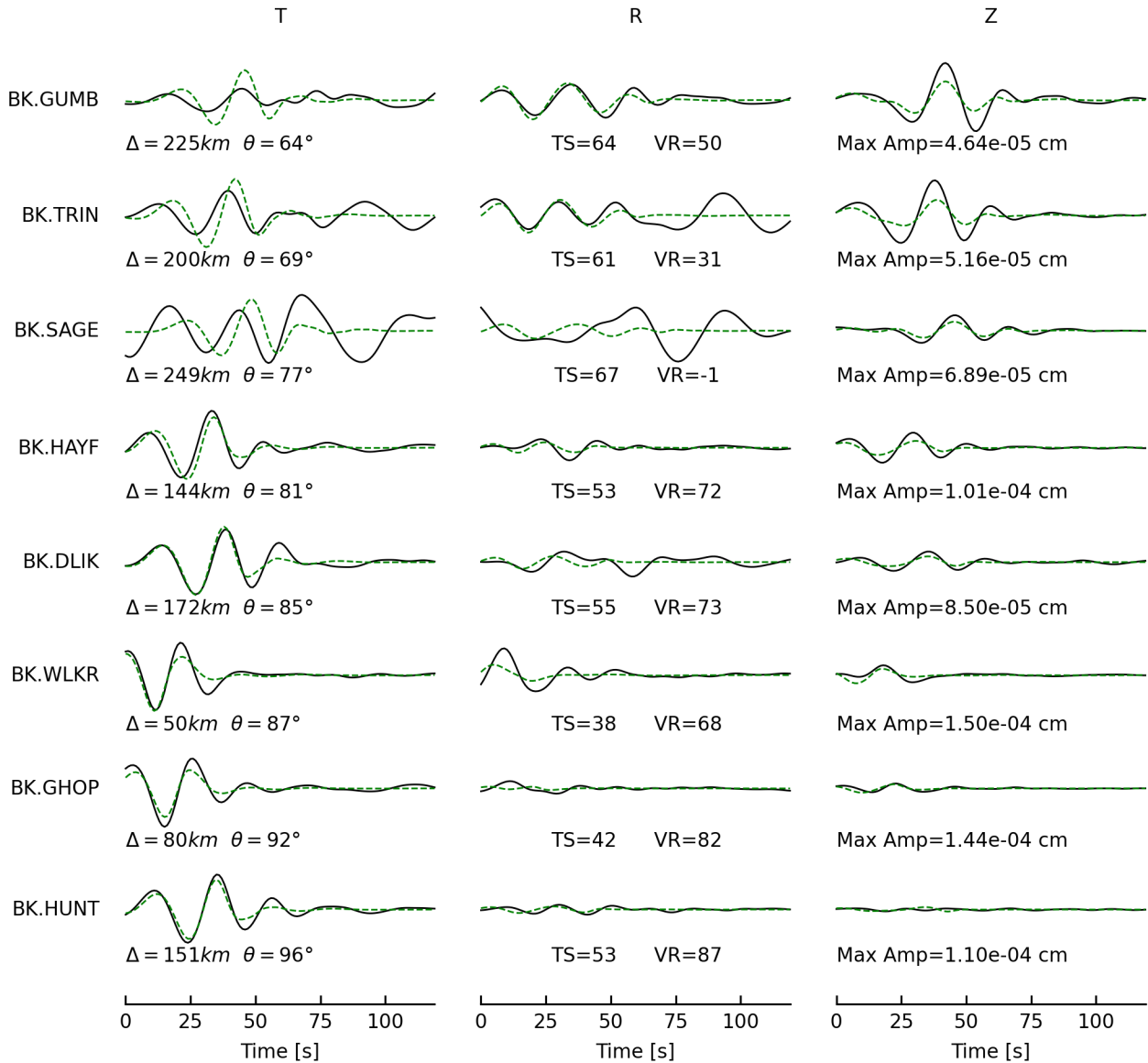
Percent DC/CLVD/ISO = 96/4/0

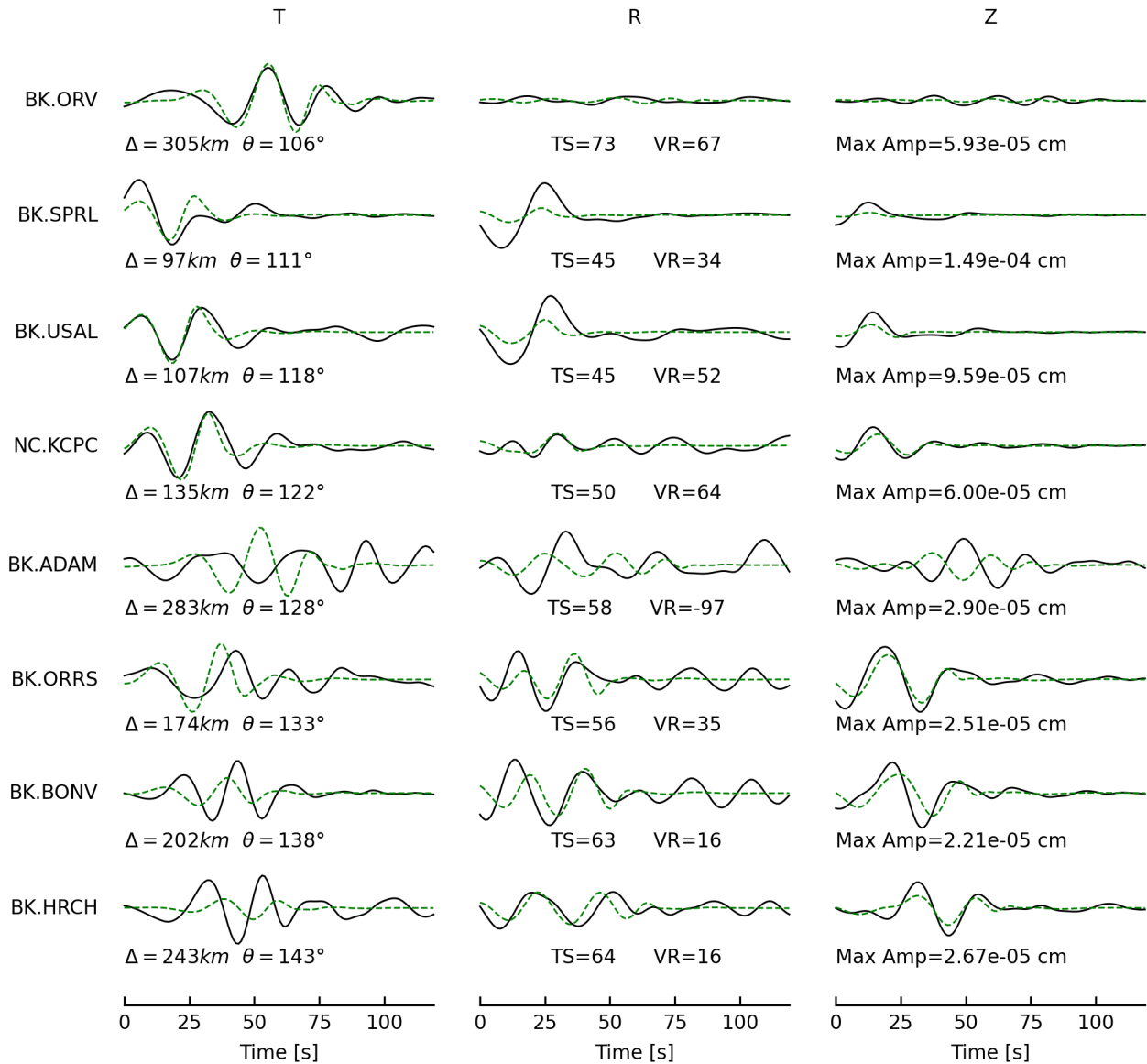
sdr = (360,73,-35) (102,57,-159)

npts = 120 vred = 7.692 km/s

VR = 47.51% lune:1,0







# Deviatoric Moment Tensor Inversion

Evid = 75097711

Depth = 3.0 km

Mw = 4.18

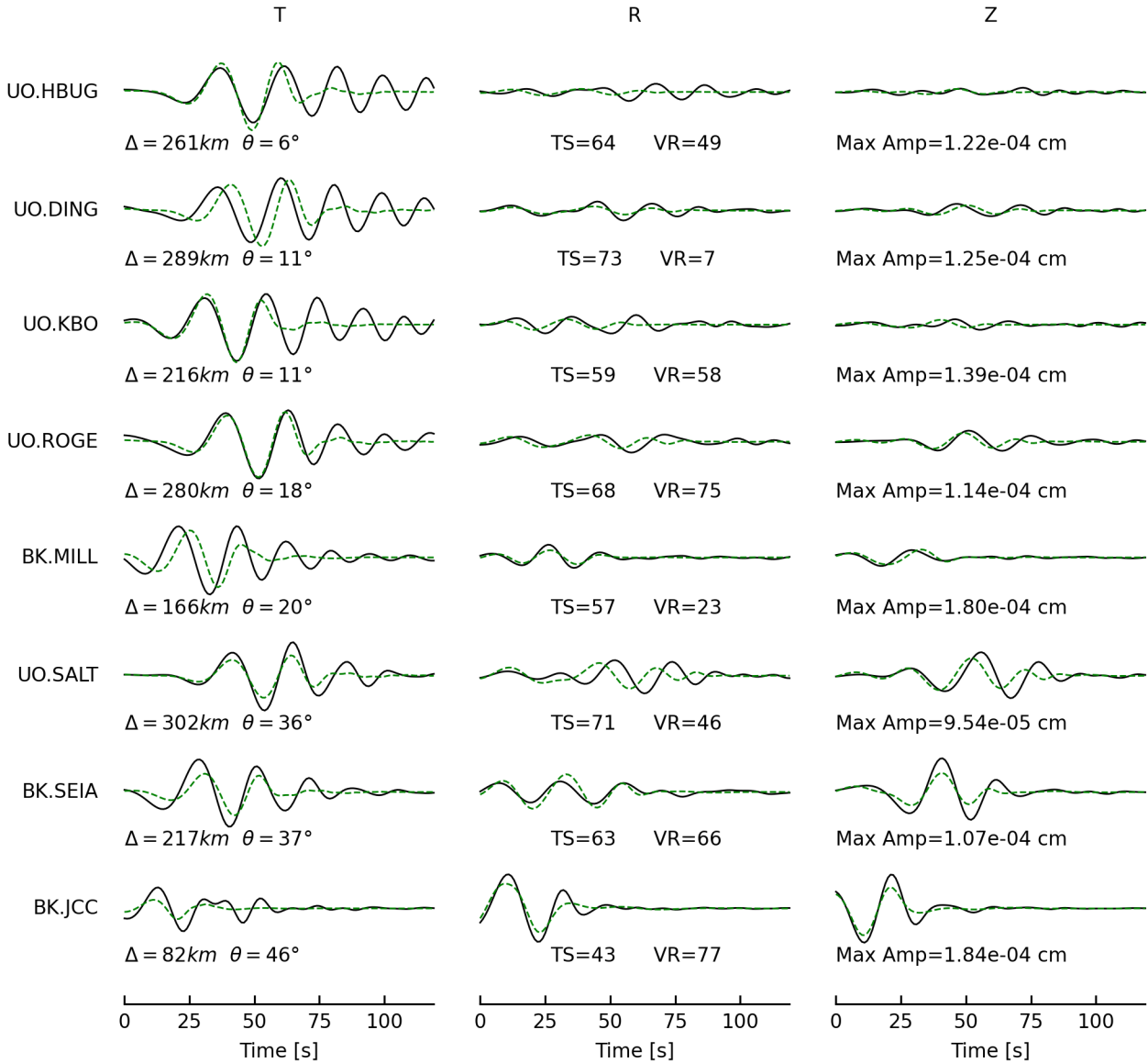
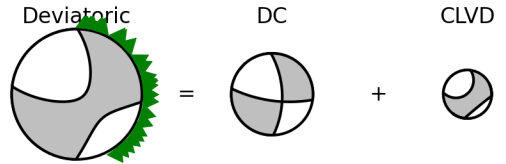
M0 = 2.30e+22 dyne-cm

Percent DC/CLVD/ISO = 63/37/0

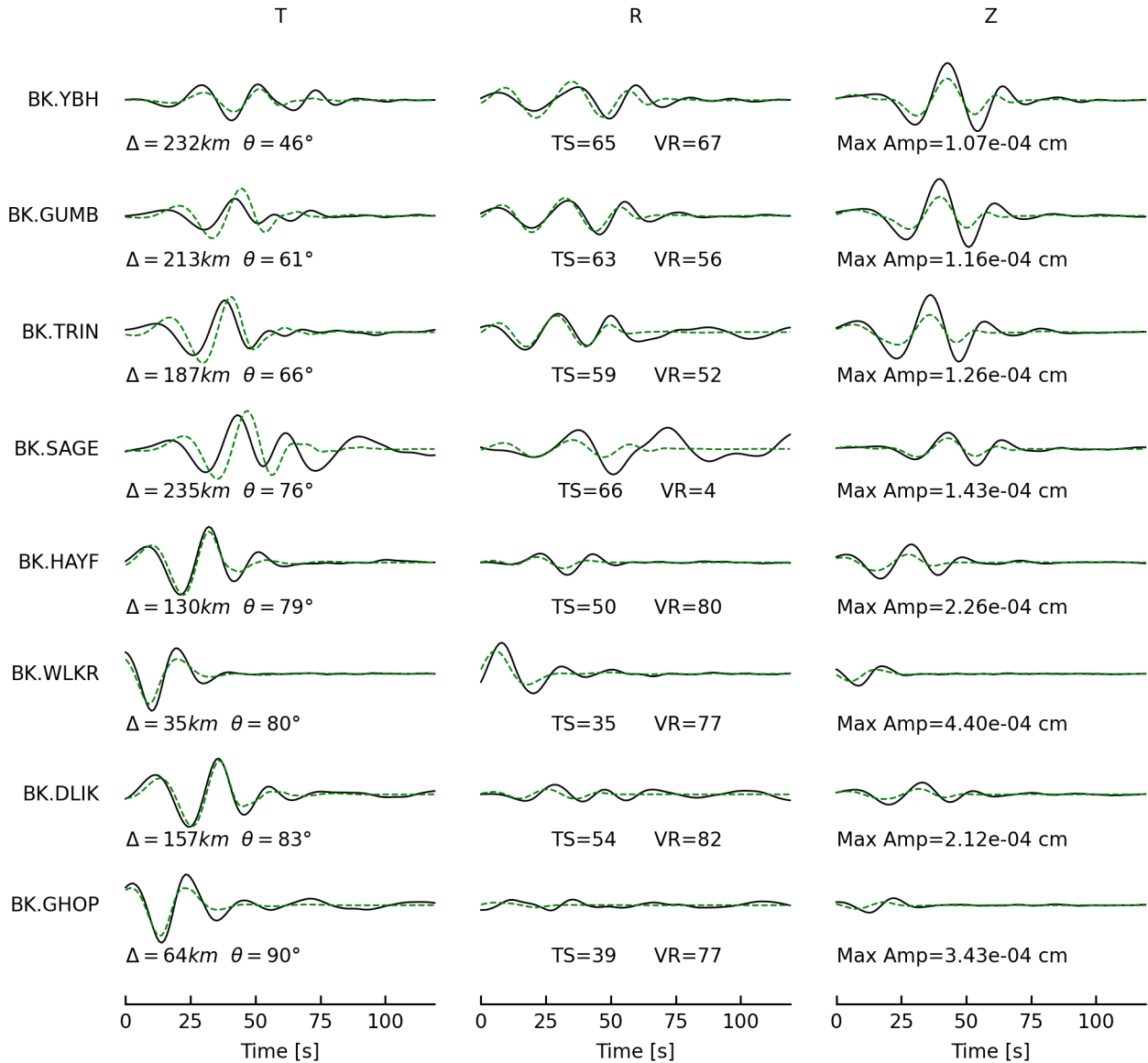
sdr = (358,62,-20) (98,72,-151)

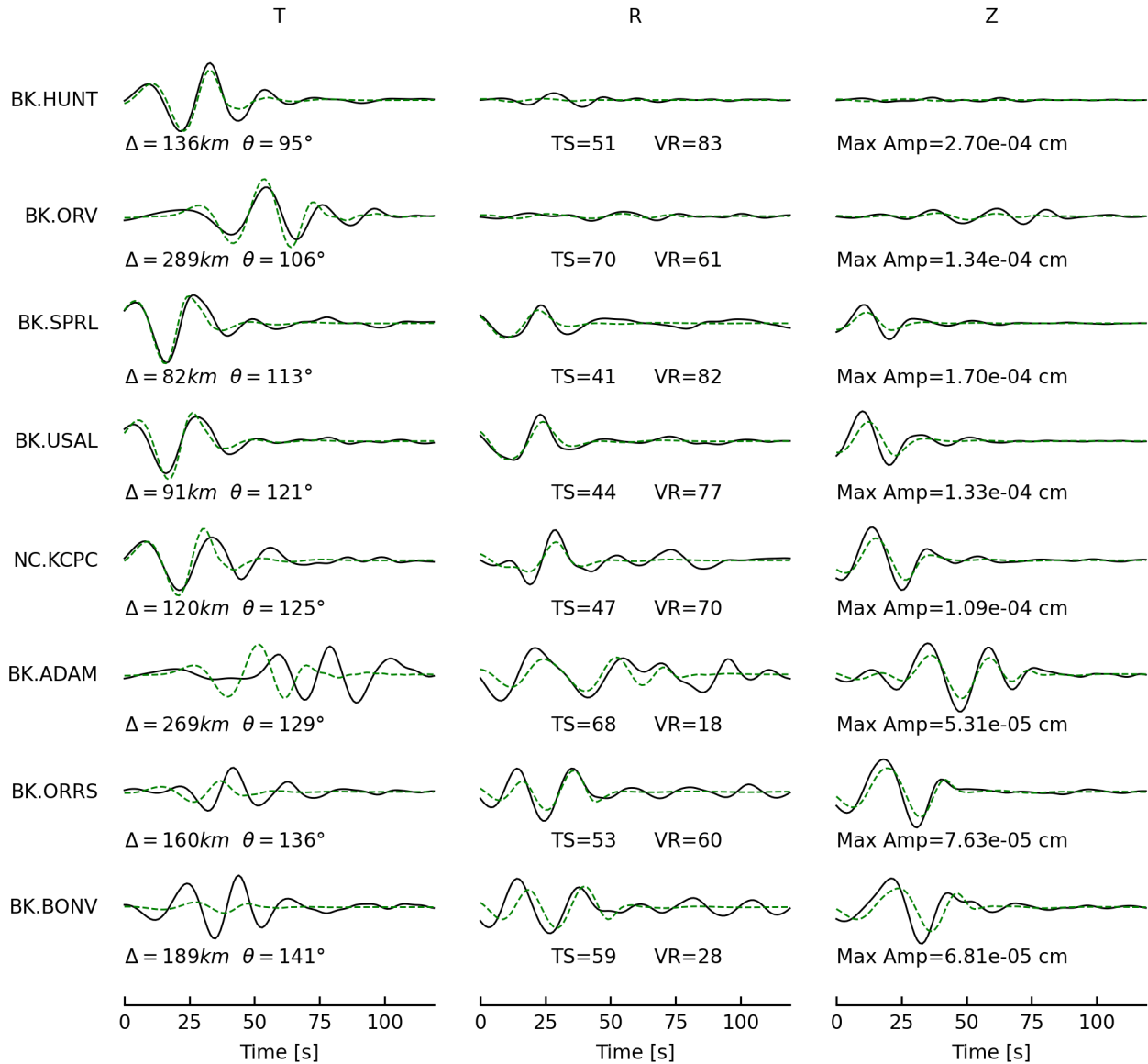
npts = 120 vred = 7.692 km/s

VR = 57.38% lune:10,0



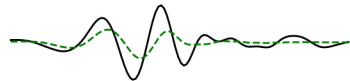




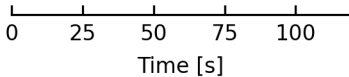


BK.HRCH

T



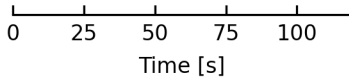
$\Delta = 231km$   $\theta = 146^\circ$



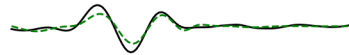
R



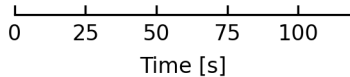
TS=61 VR=53



Z



Max Amp=9.59e-05 cm



# Deviatoric Moment Tensor Inversion

Evid = 75097711

Depth = 2.0 km

Mw = 4.16

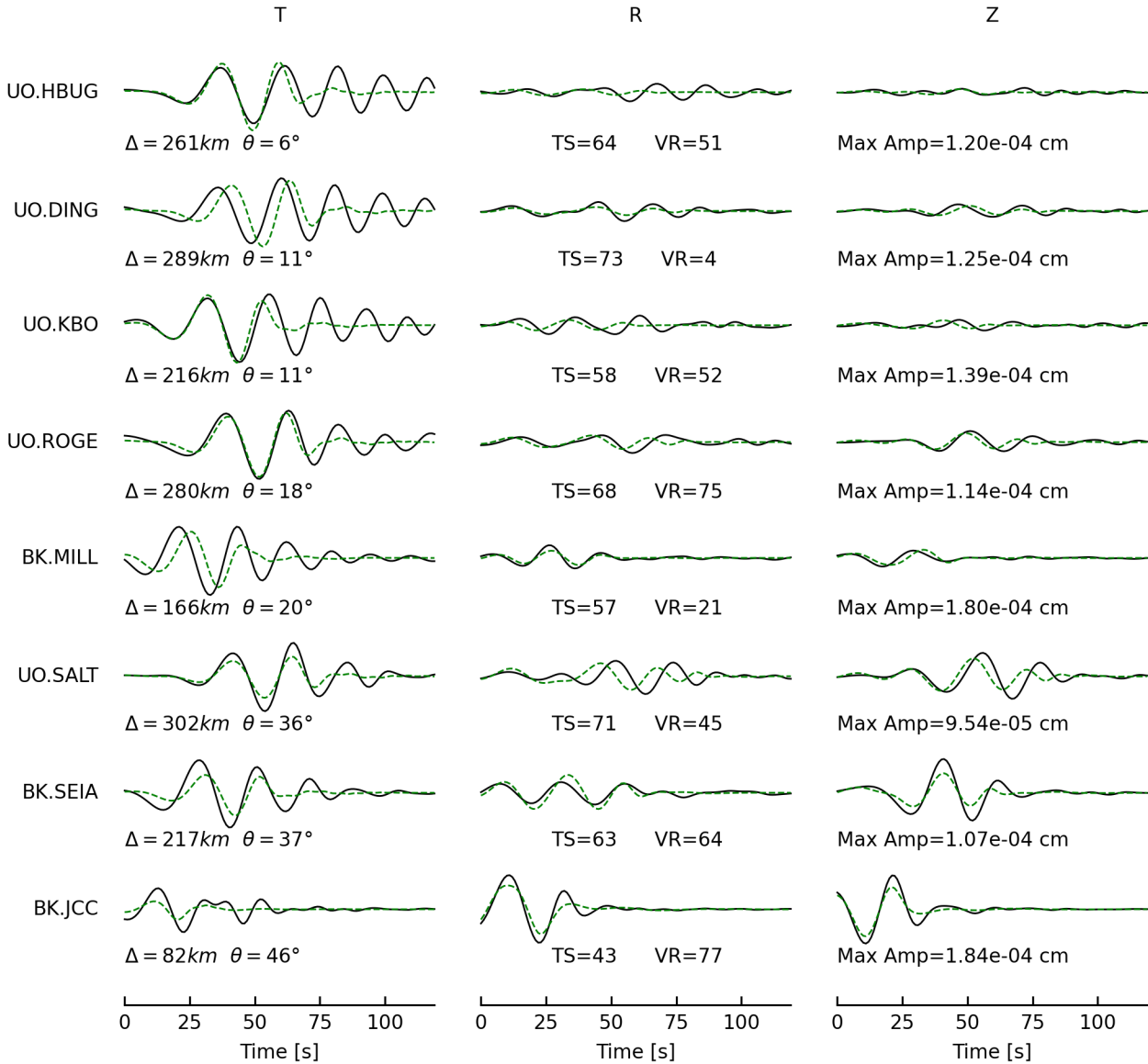
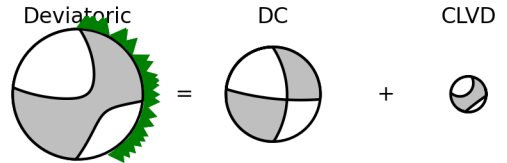
M0 = 2.18e+22 dyne-cm

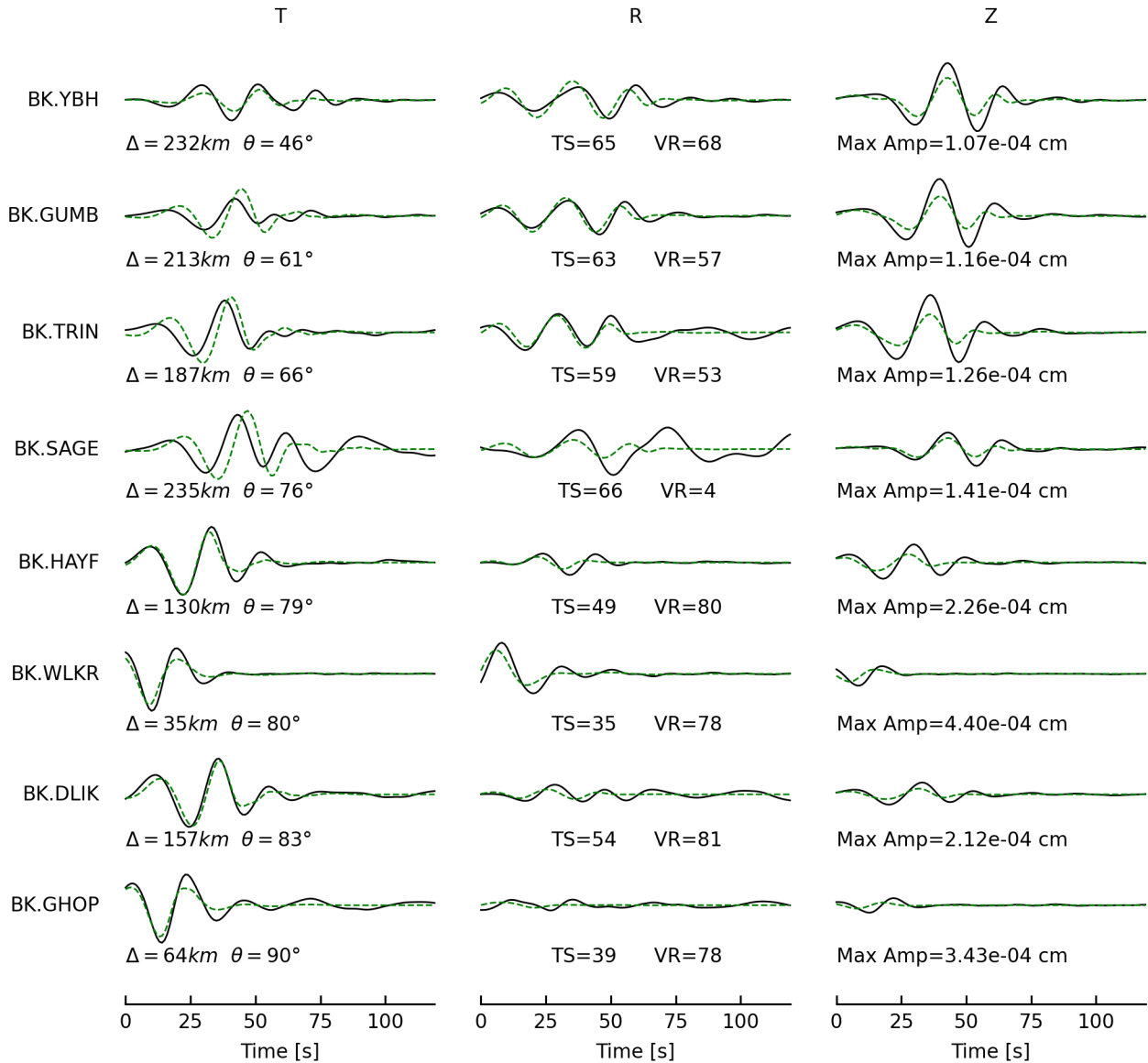
Percent DC/CLVD/ISO = 73/27/0

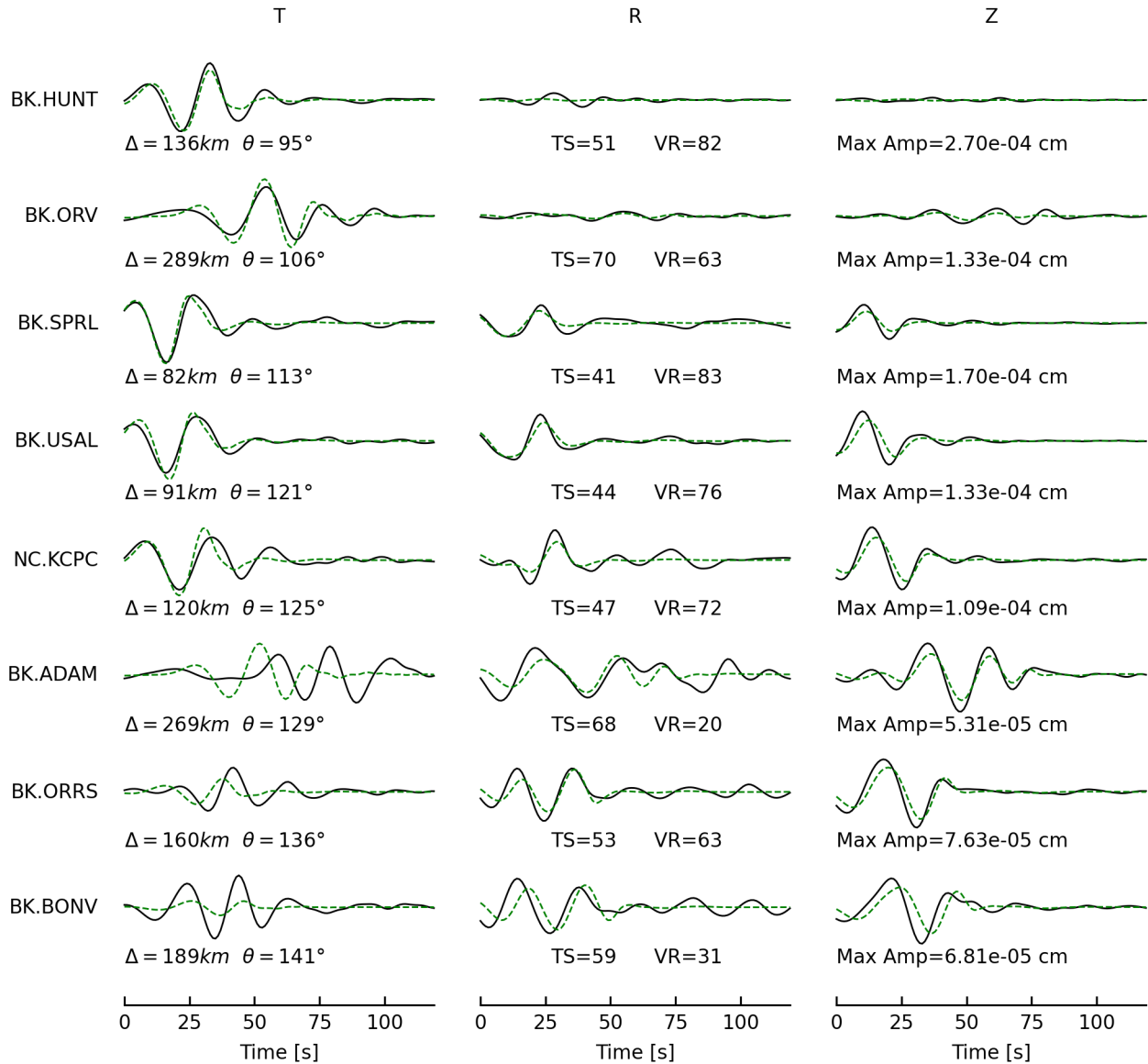
sdr = (359,57,-13) (96,80,-147)

npts = 120 vred = 7.692 km/s

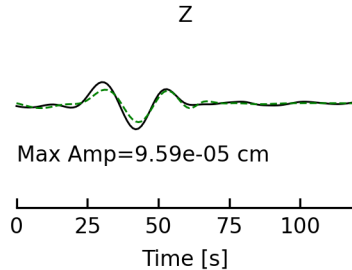
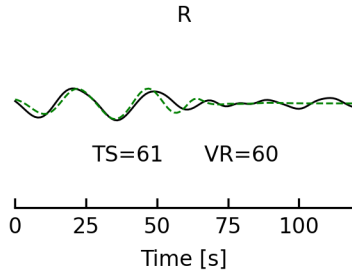
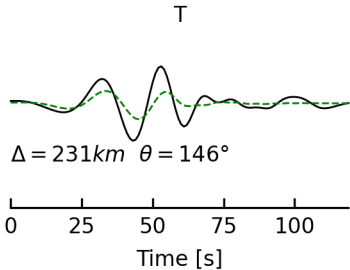
VR = 57.08% lune:7,0







BK.HRCH



# Deviatoric Moment Tensor Inversion

Evid = 75097781

Depth = 5.0 km

Mw = 3.91

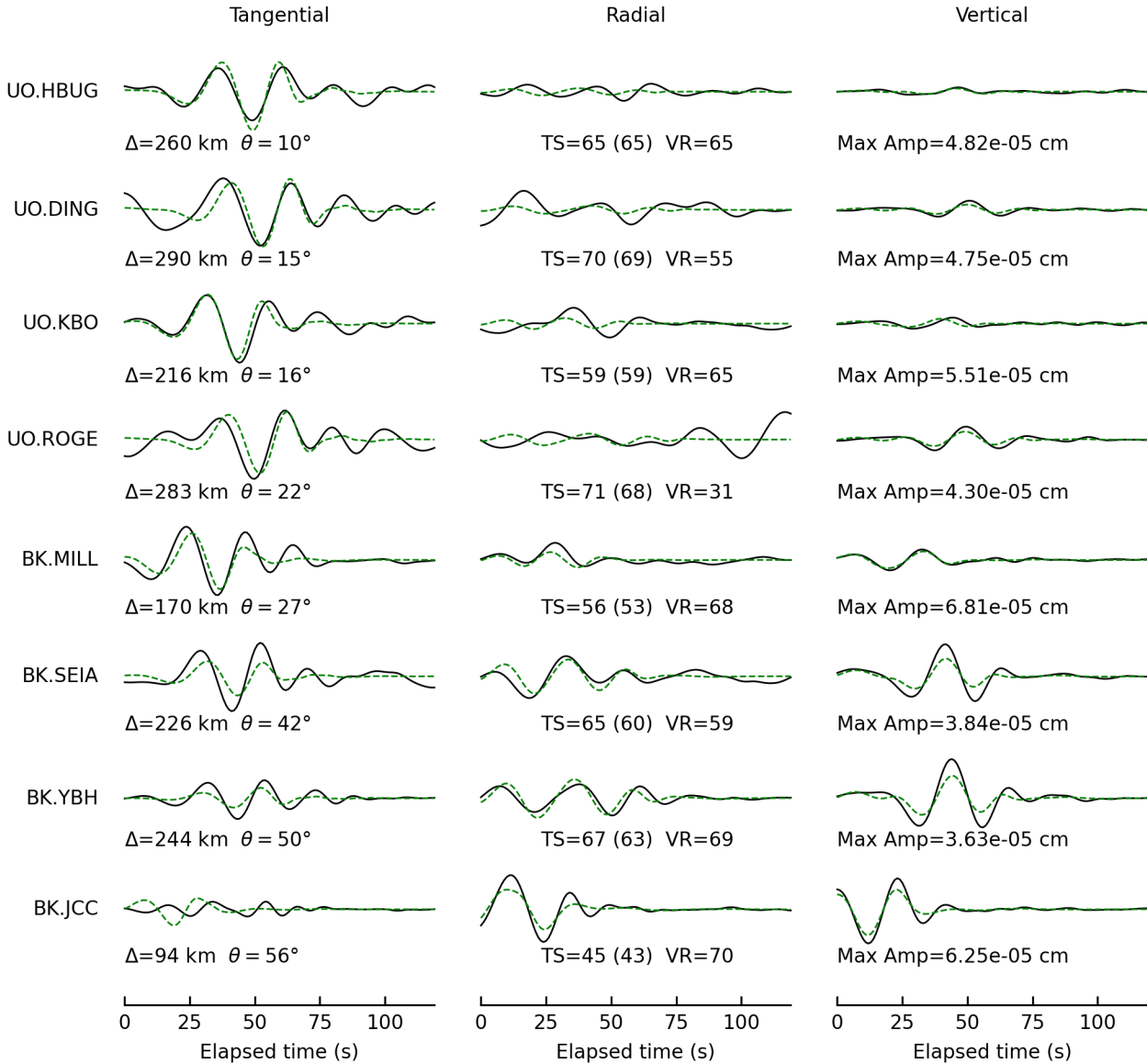
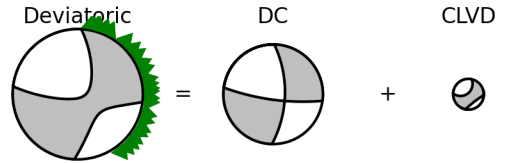
M0 = 9.24e+21 dyne-cm

Percent DC/CLVD/ISO = 76/24/0

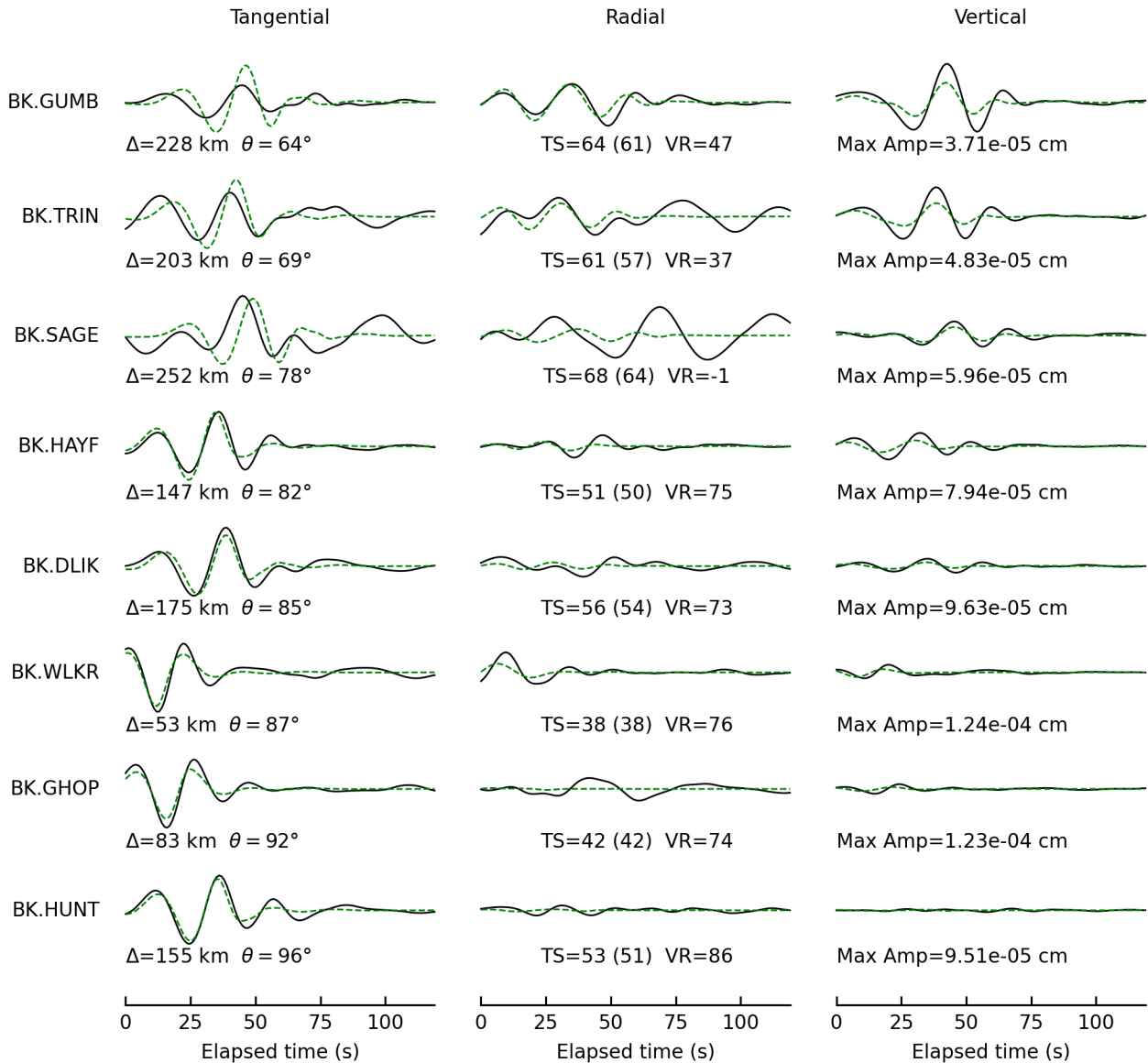
sdr = (98,78,-153) (1,63,-14)

npts = 120 vred = 7.692 km/s

VR = 53.75% lune:6,0



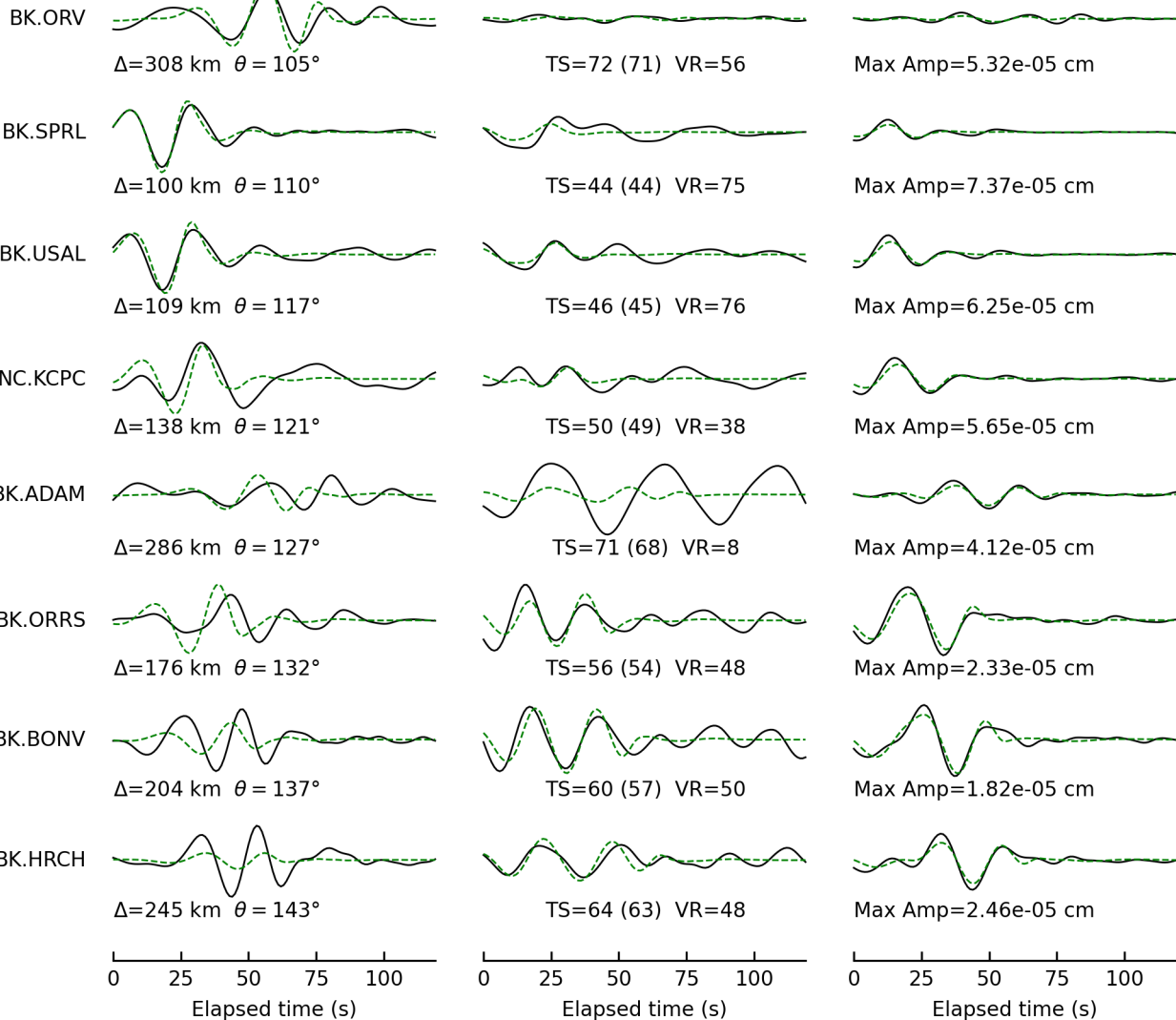




Tangential

Radial

Vertical



# Deviatoric Moment Tensor Inversion

Evid = 75097781

Depth = 7.0 km

Mw = 3.91

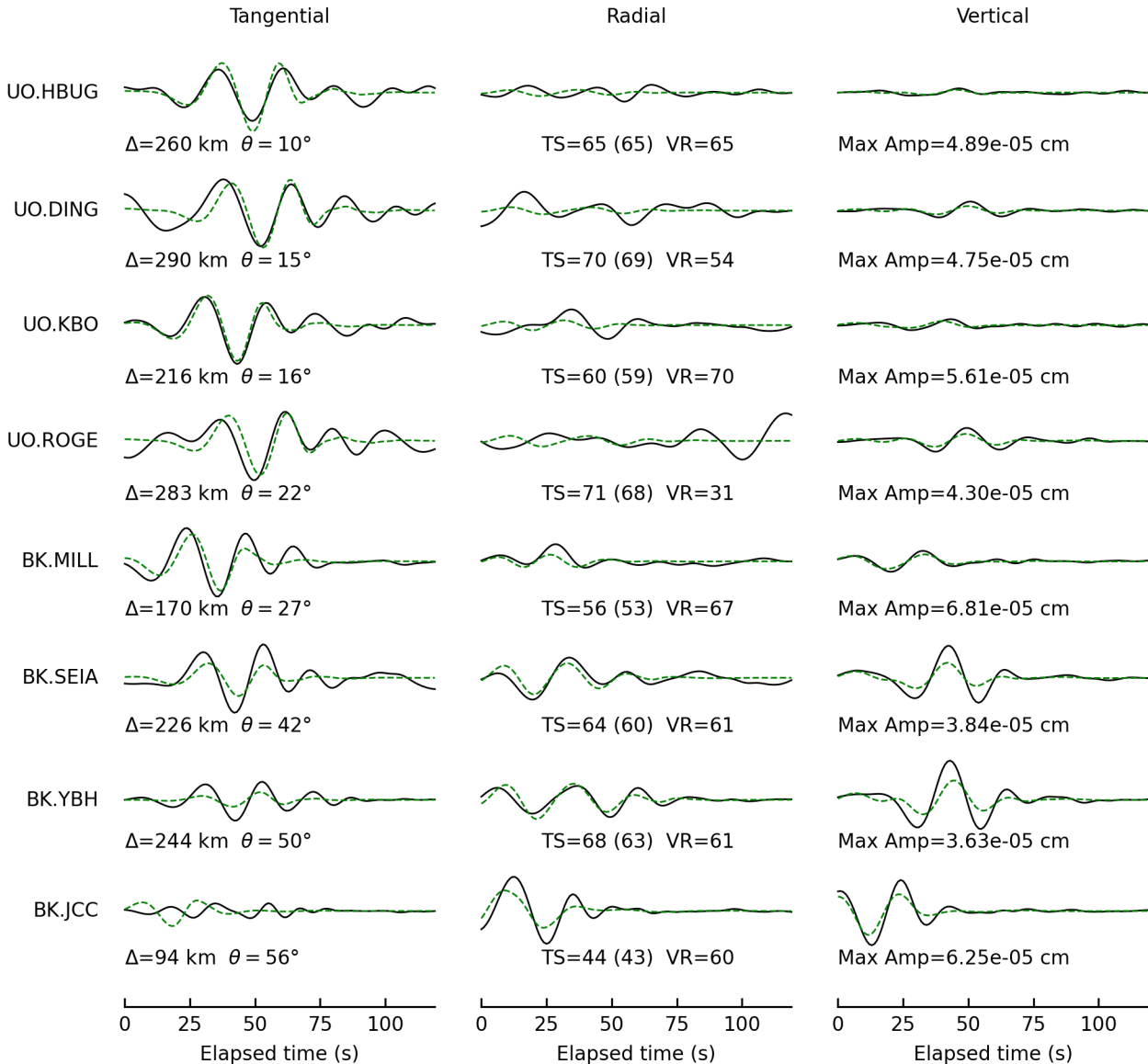
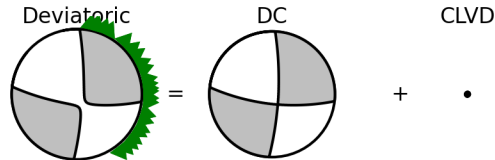
M0 = 9.00e+21 dyne-cm

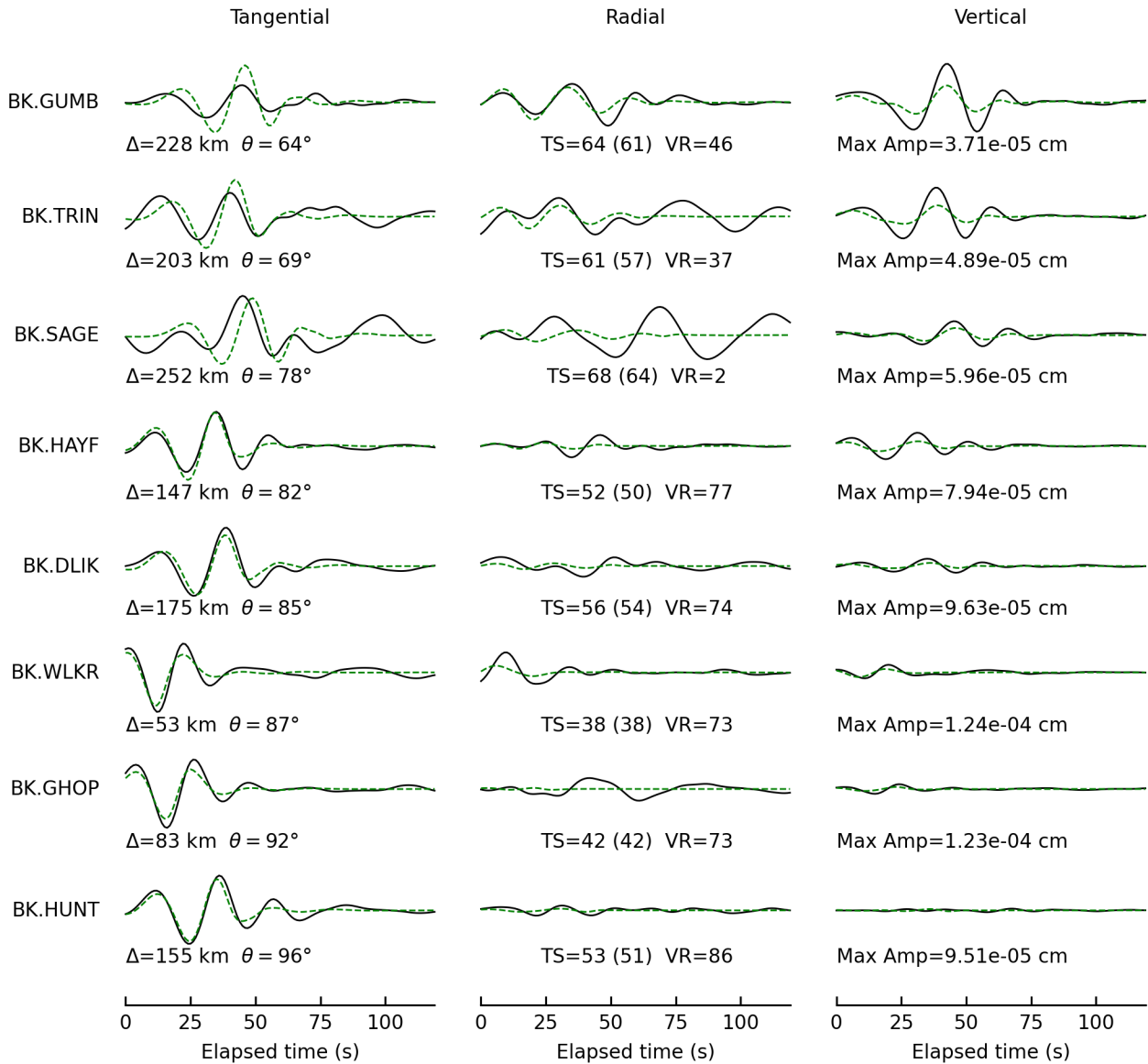
Percent DC/CLVD/ISO = 96/4/0

sdr = (96,72,-168) (3,79,-18)

npts = 120 vred = 7.692 km/s

VR = 52.89% lune:-1,0

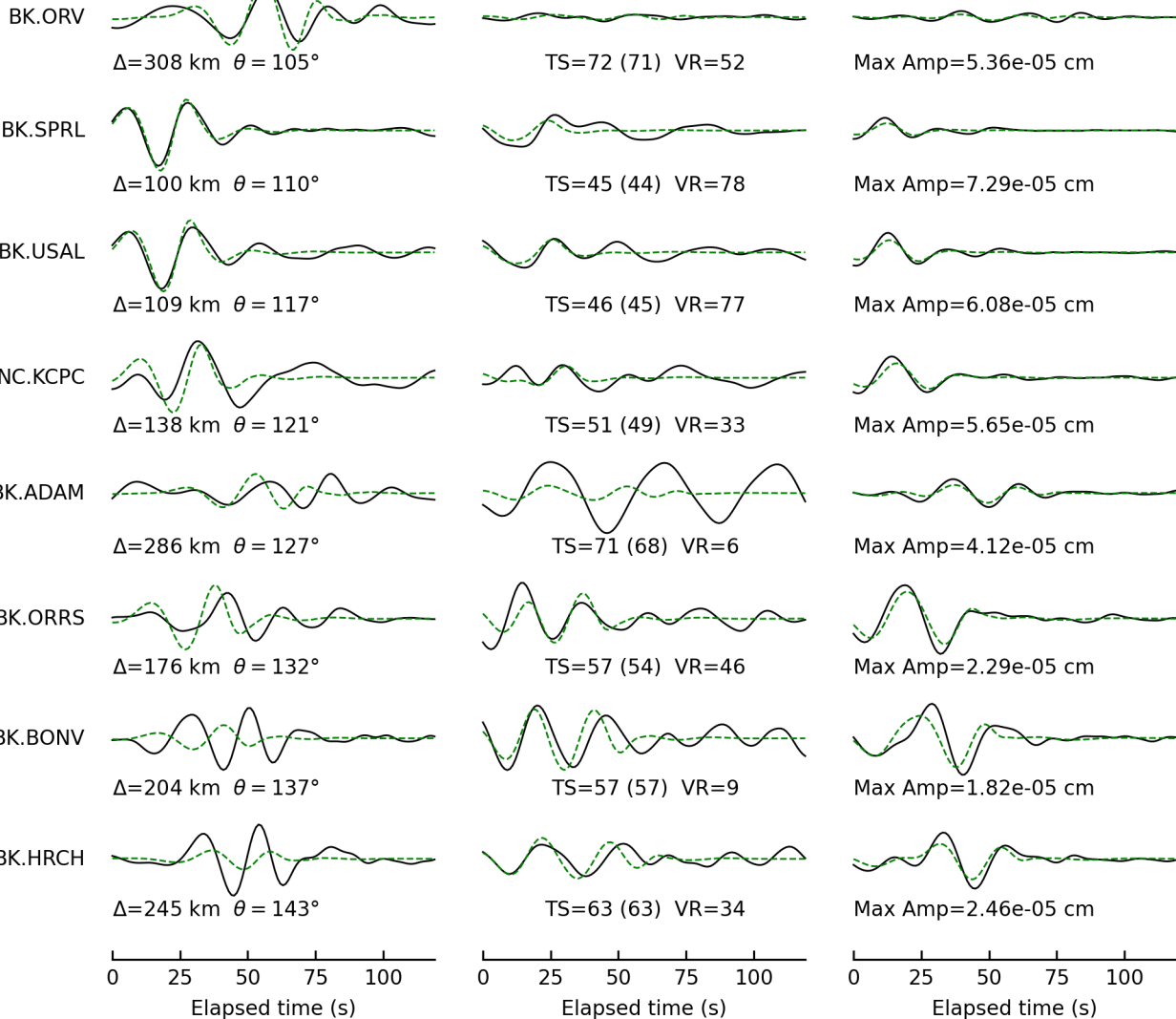




Tangential

Radial

Vertical



# Deviatoric Moment Tensor Inversion

Evid = 75097986

Depth = 8.0 km

Mw = 4.09

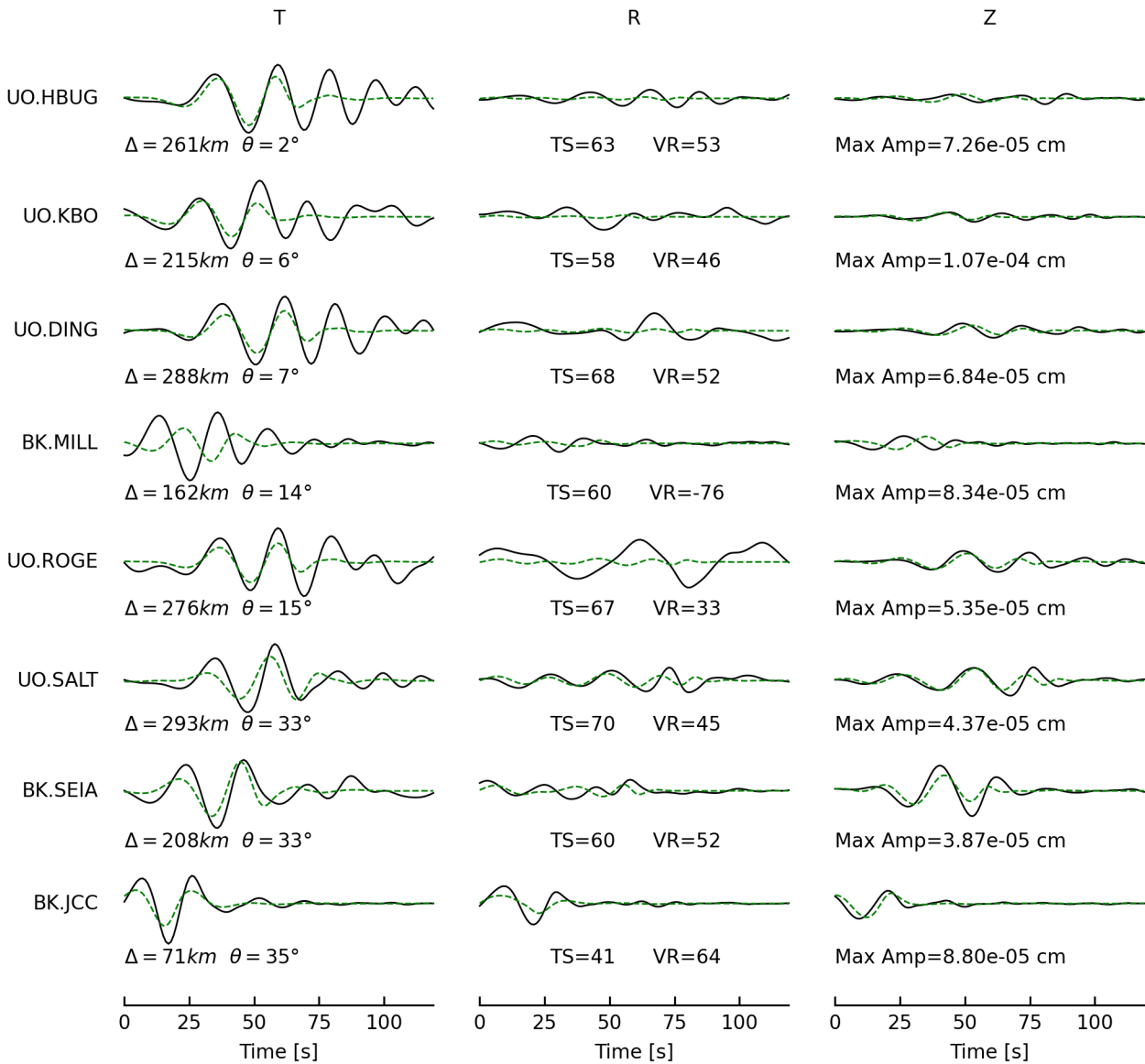
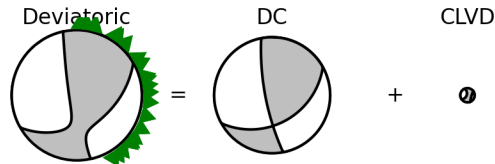
M0 = 1.68e+22 dyne-cm

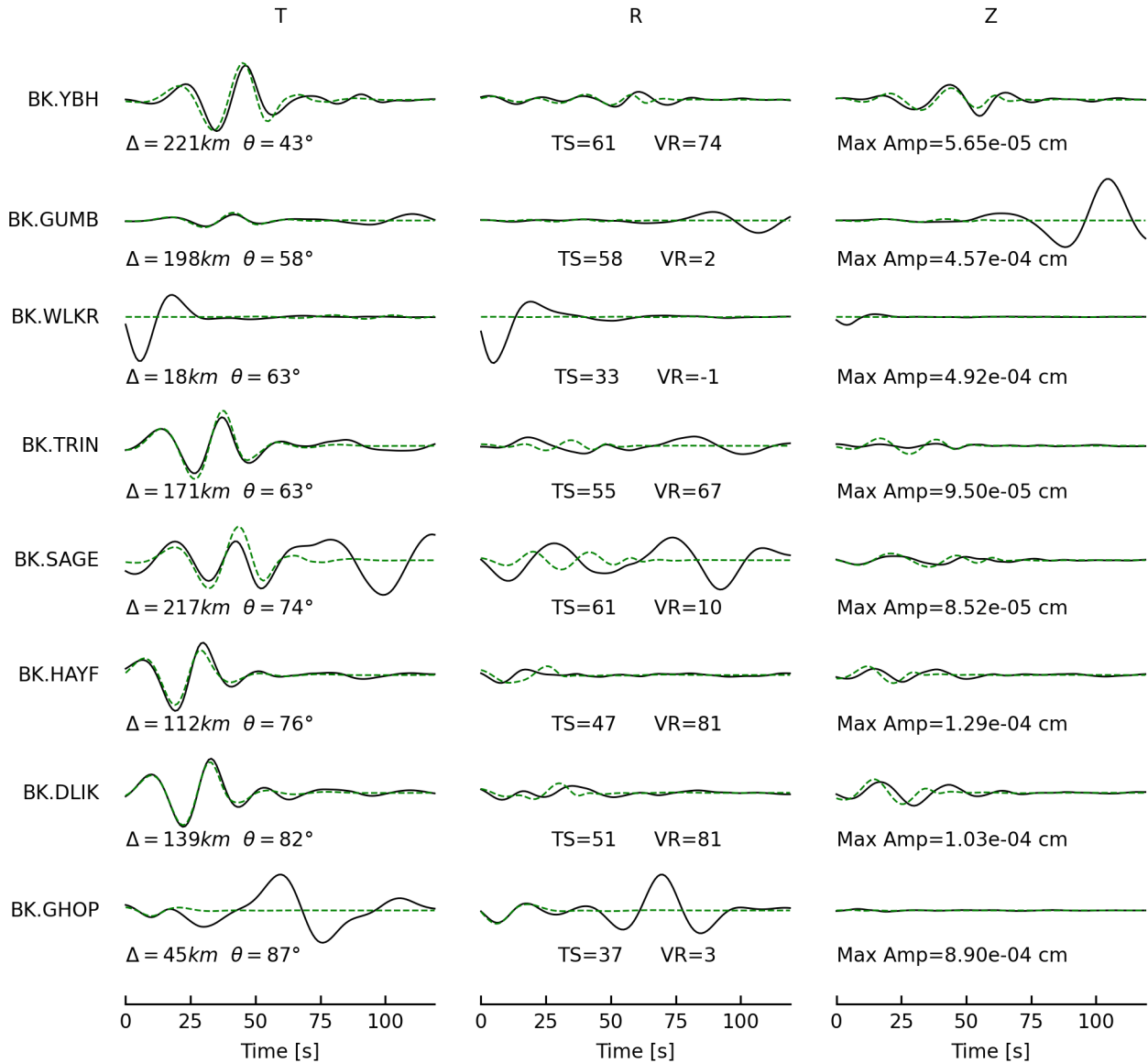
Percent DC/CLVD/ISO = 89/11/0

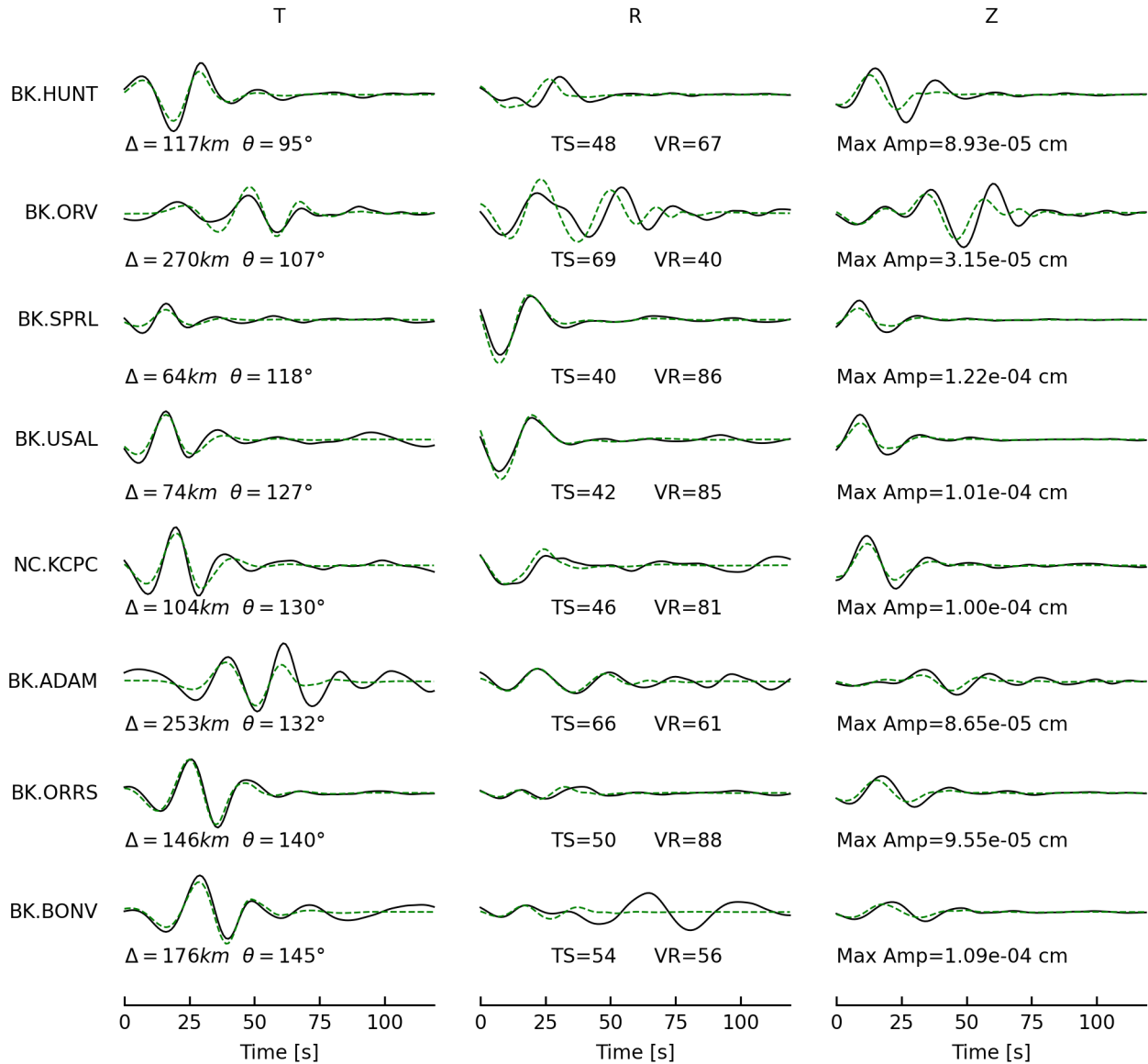
sdr = (169,77,55) (61,37,158)

npts = 120 vred = 7.692 km/s

VR = 13.60% lune:3,0

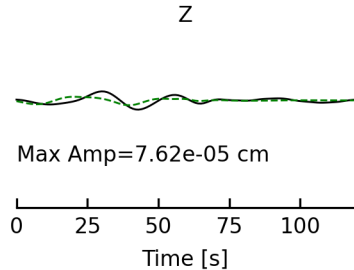
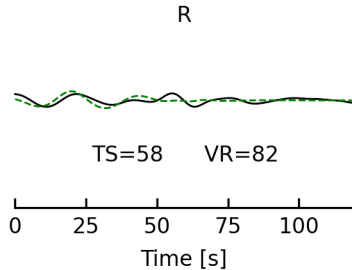
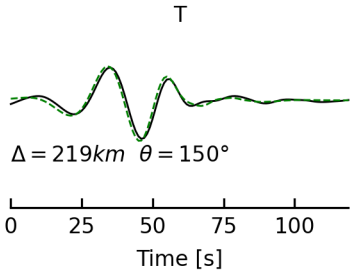








BK.HRCH



# Deviatoric Moment Tensor Inversion

Evid = 75097986

Depth = 26.0 km

Mw = 4.07

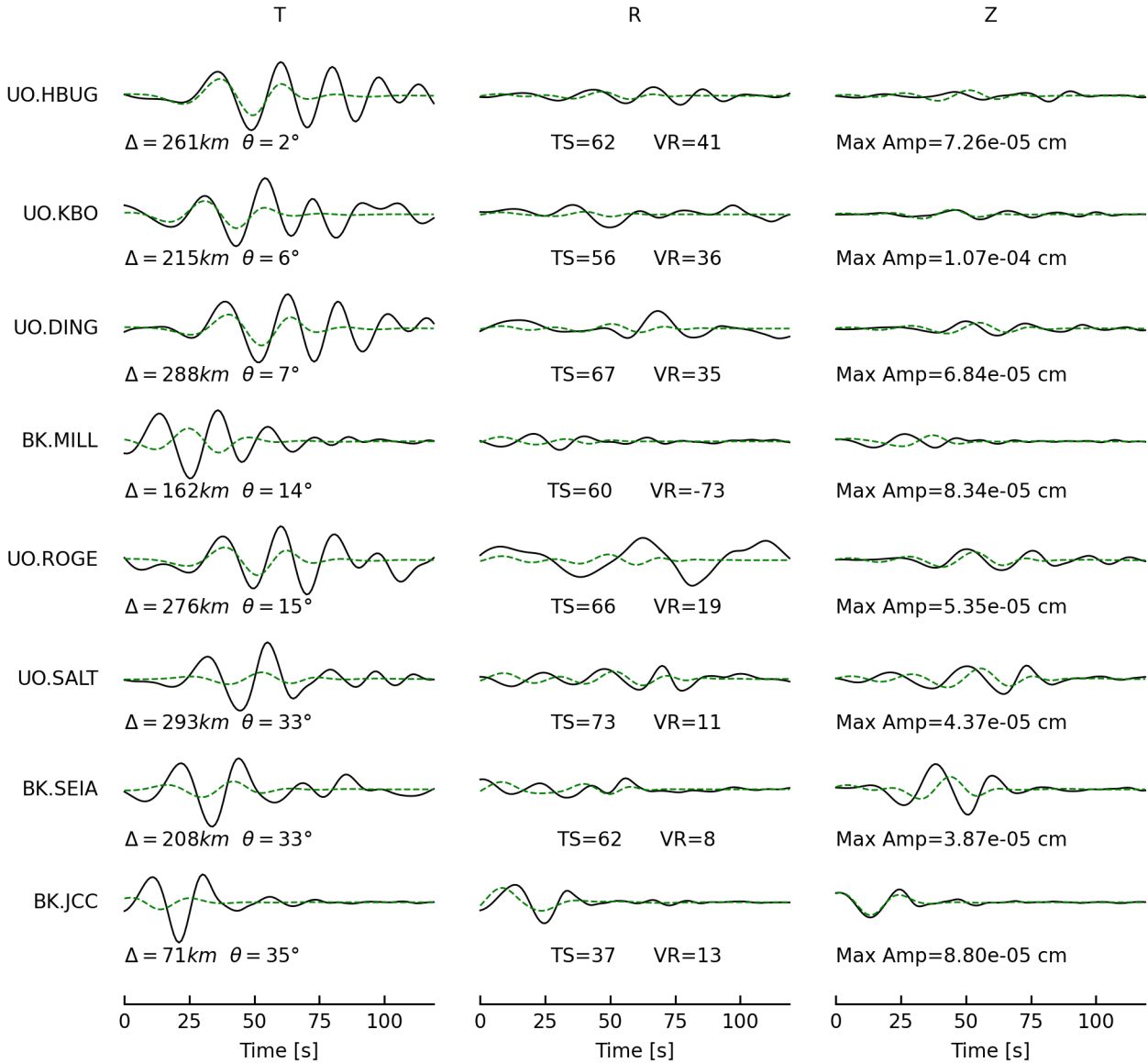
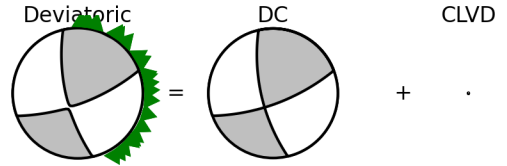
M0 = 1.57e+22 dyne-cm

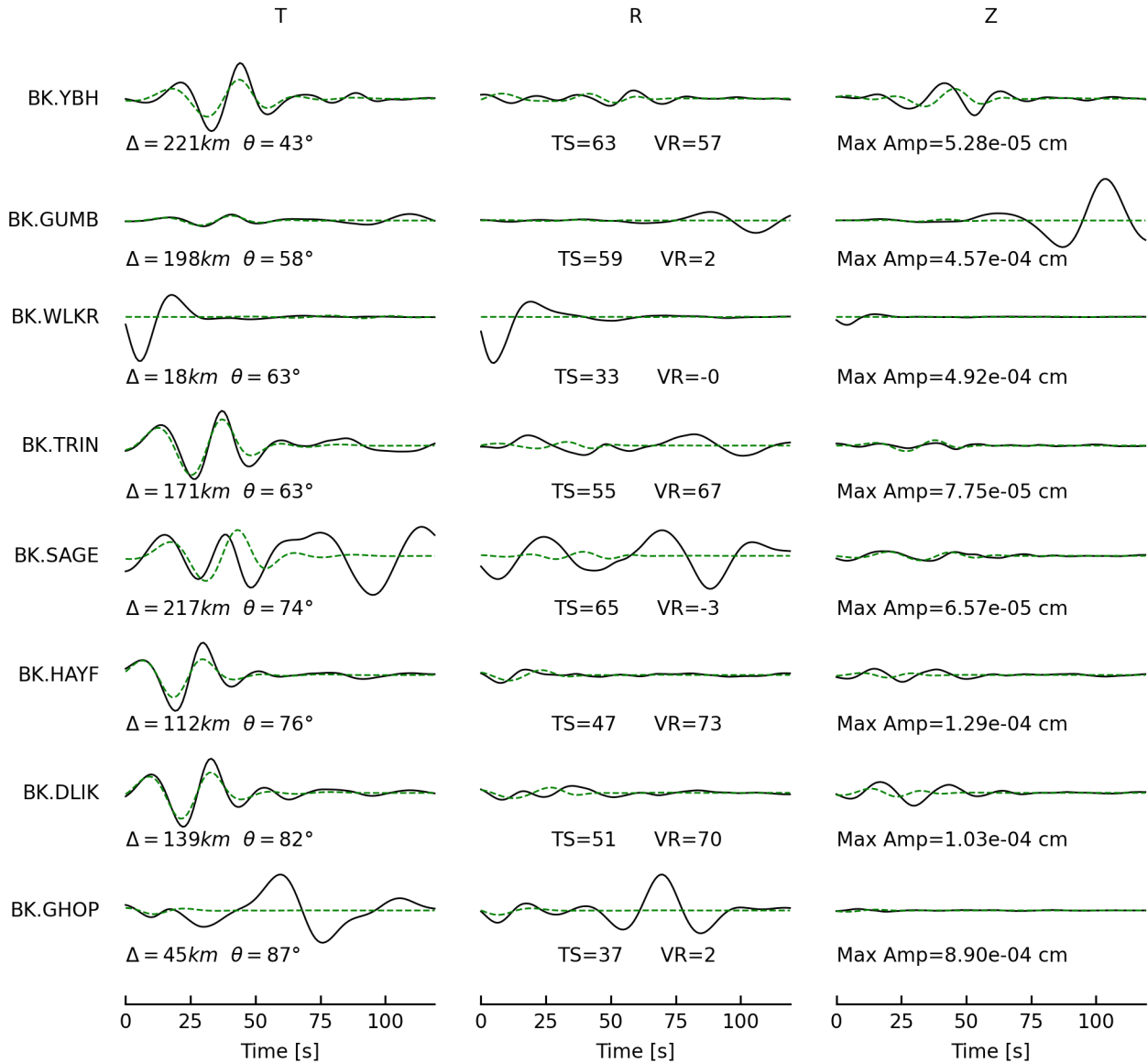
Percent DC/CLVD/ISO = 99/1/0

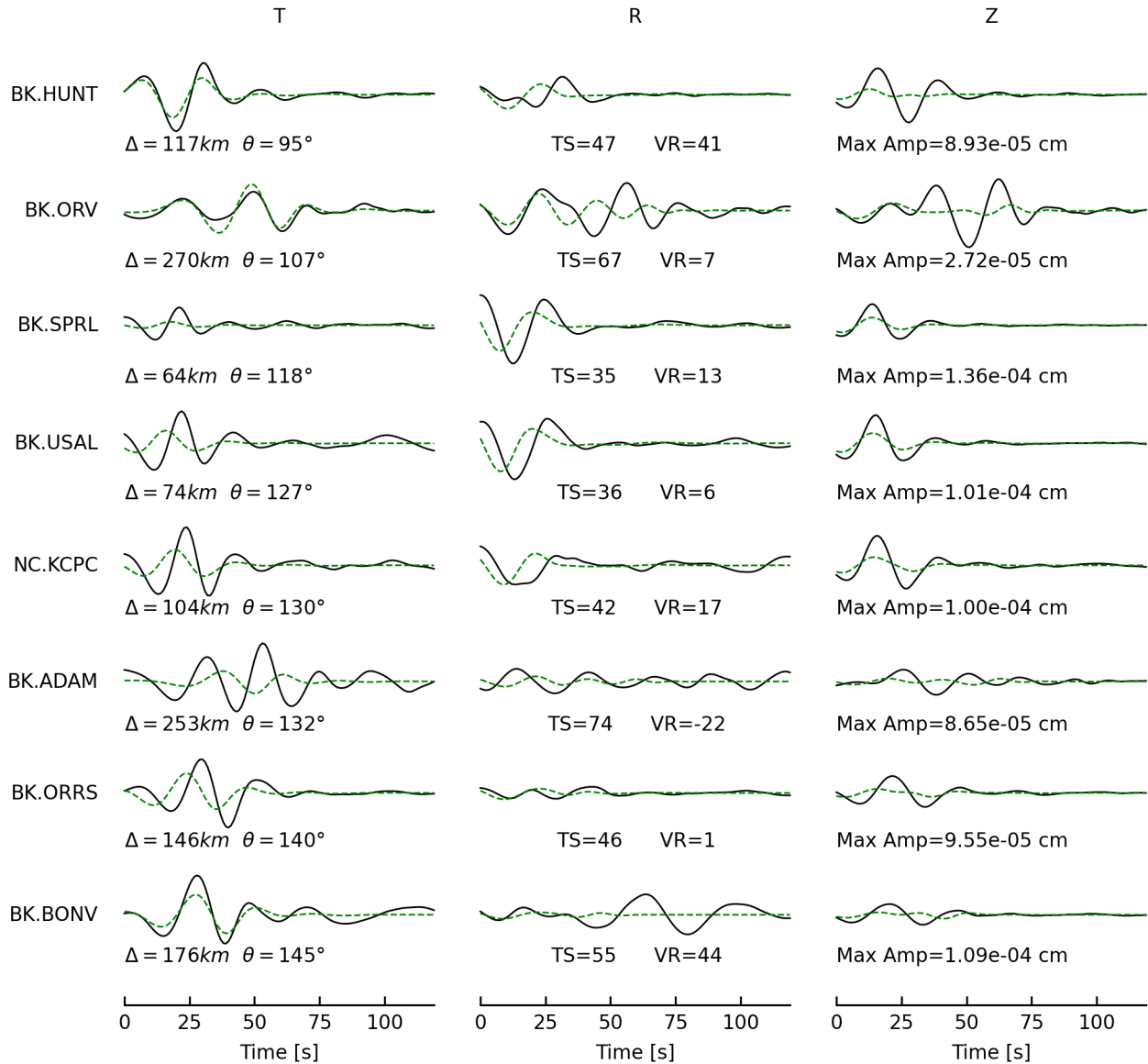
sdr = (167,69,20) (70,71,158)

npts = 120 vred = 7.692 km/s

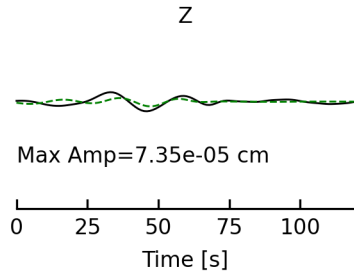
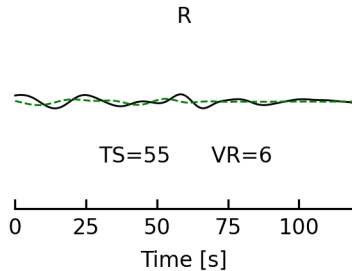
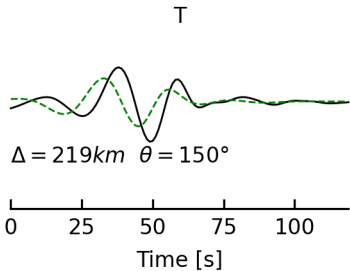
VR = 5.64% lune:0,0







BK.HRCH



# Deviatoric Moment Tensor Inversion

Evid = 75097991

Depth = 5.0 km

Mw = 3.77

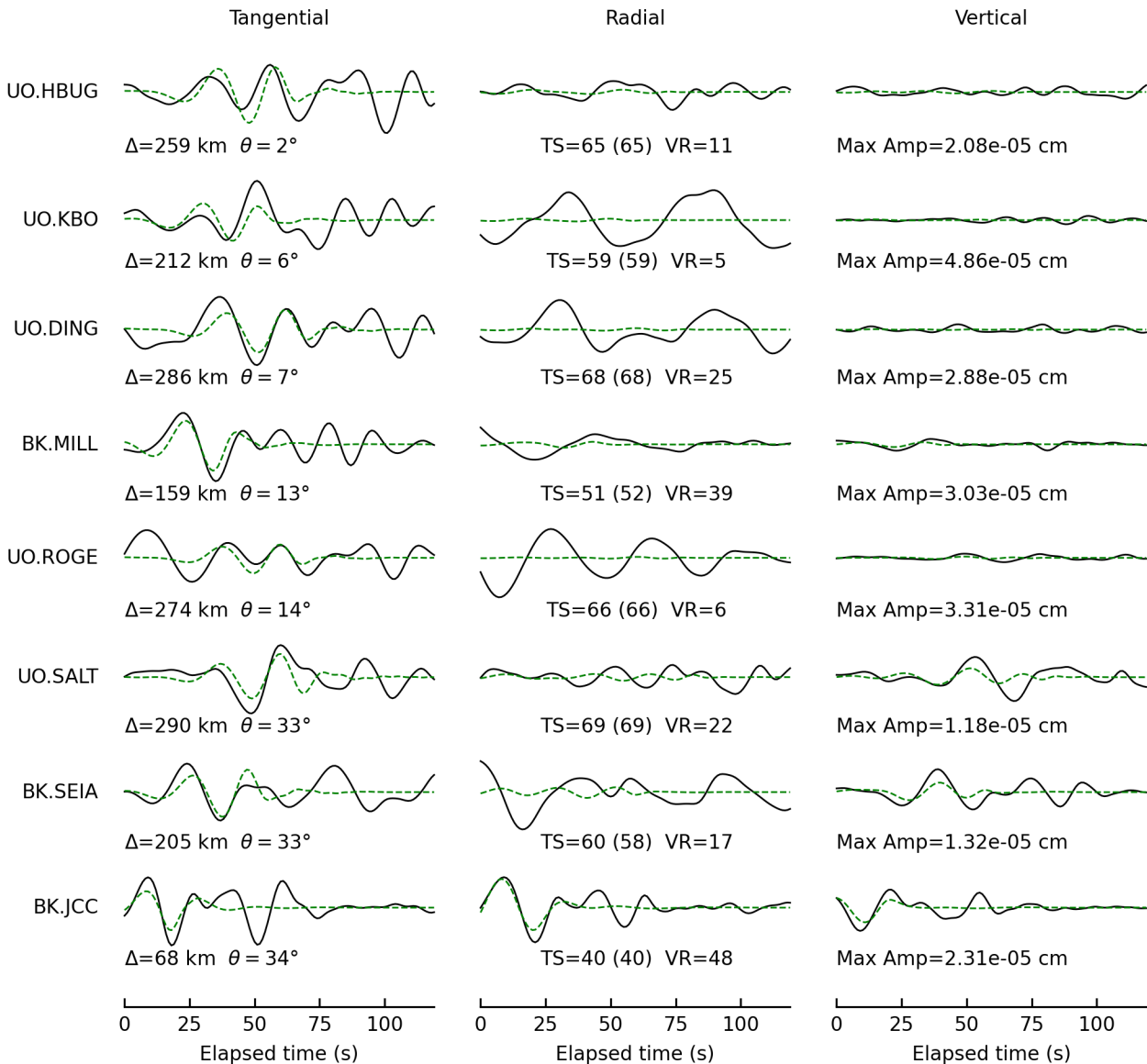
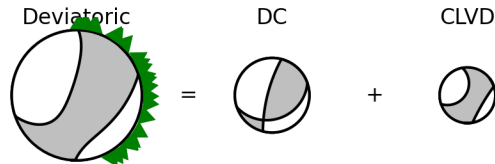
M0 = 5.65e+21 dyne-cm

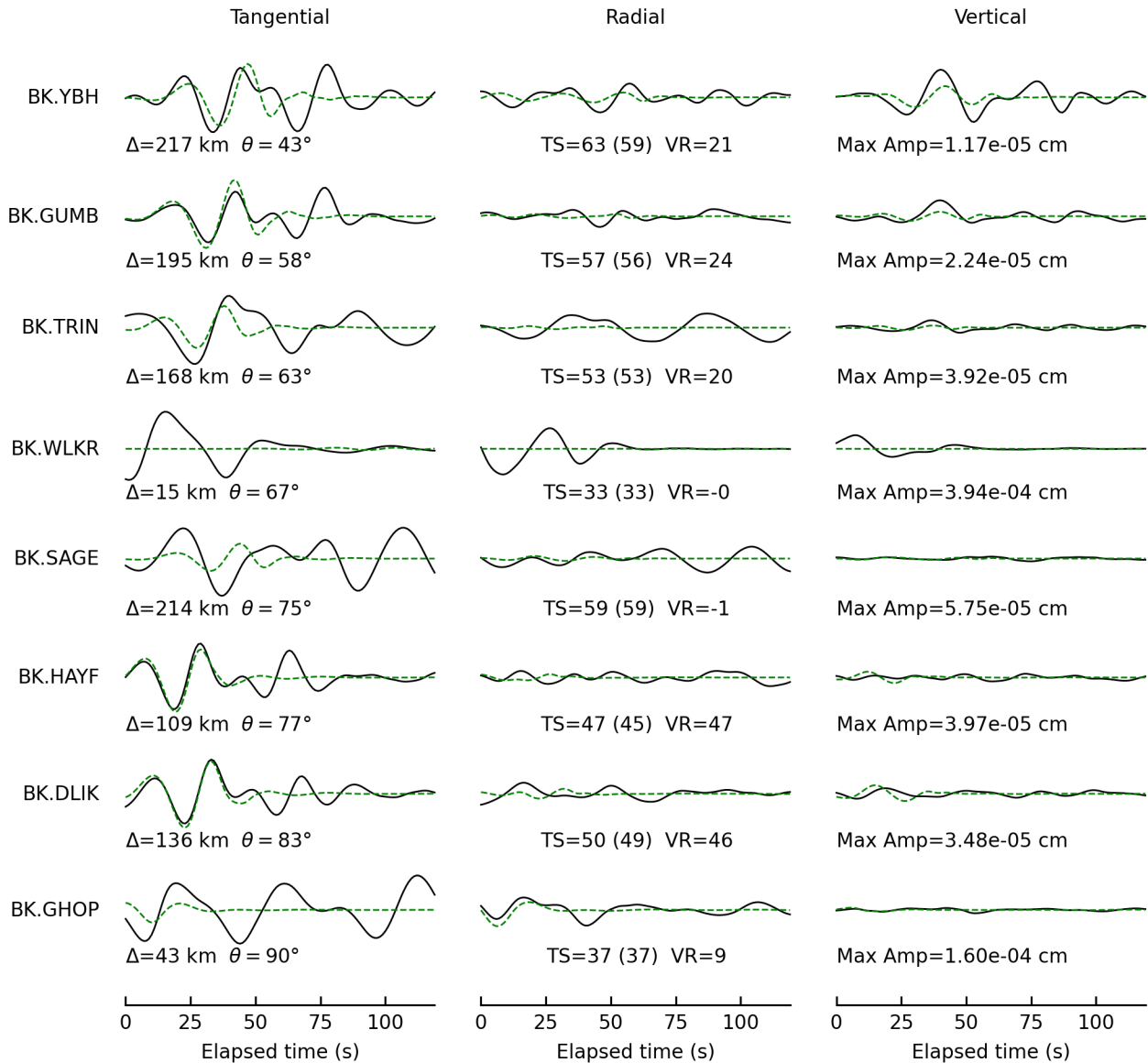
Percent DC/CLVD/ISO = 57/43/0

sdr = (194,76,70) (71,24,144)

npts = 120 vred = 7.692 km/s

VR = 10.76% lune:12,0

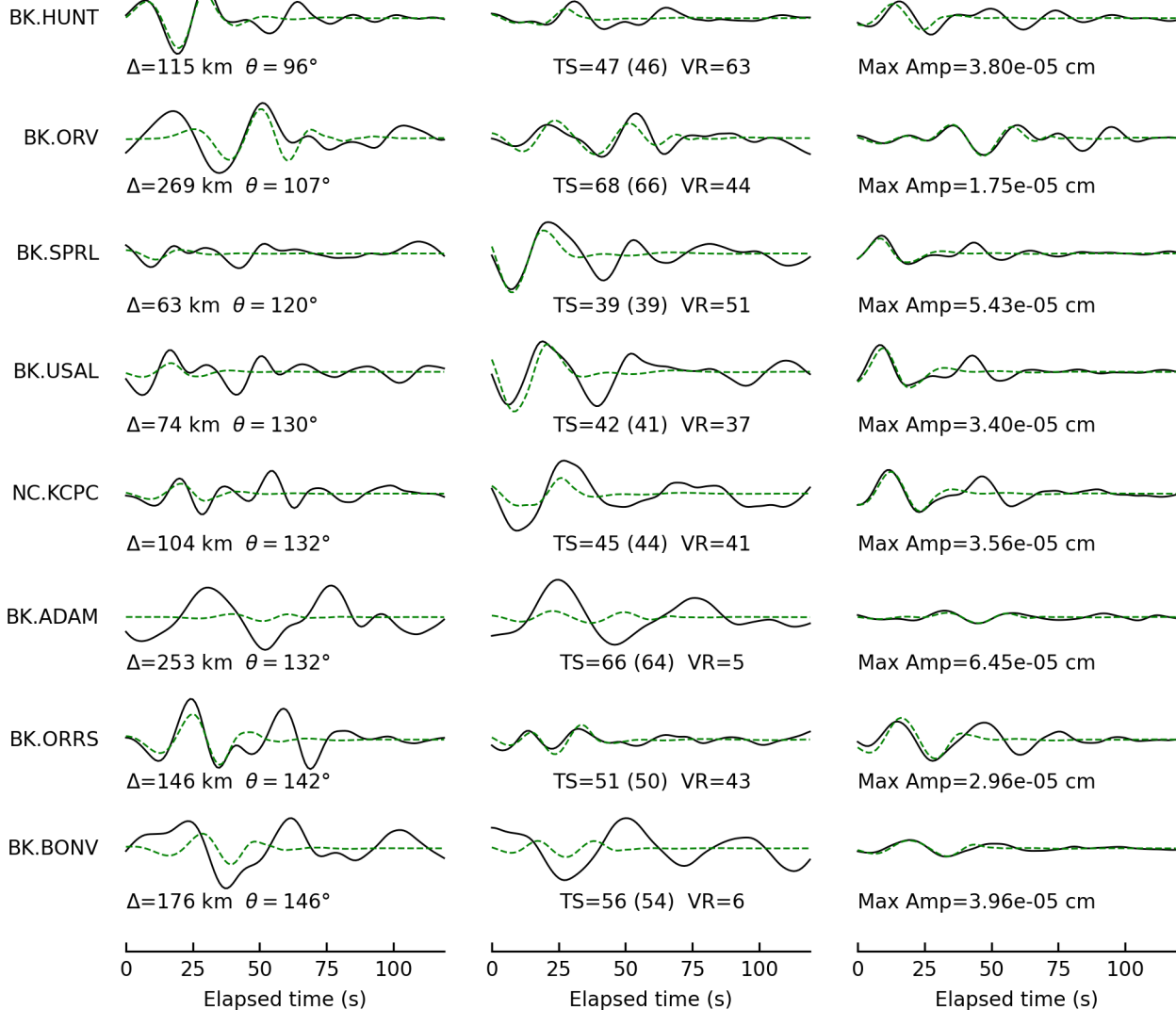




Tangential

Radial

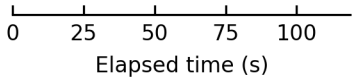
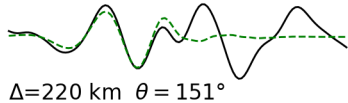
Vertical



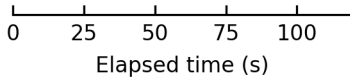
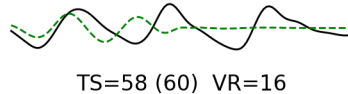


BK.HRCH

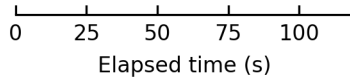
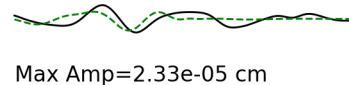
Tangential



Radial



Vertical



# Deviatoric Moment Tensor Inversion

Evid = 75097991

Depth = 31.0 km

Mw = 3.79

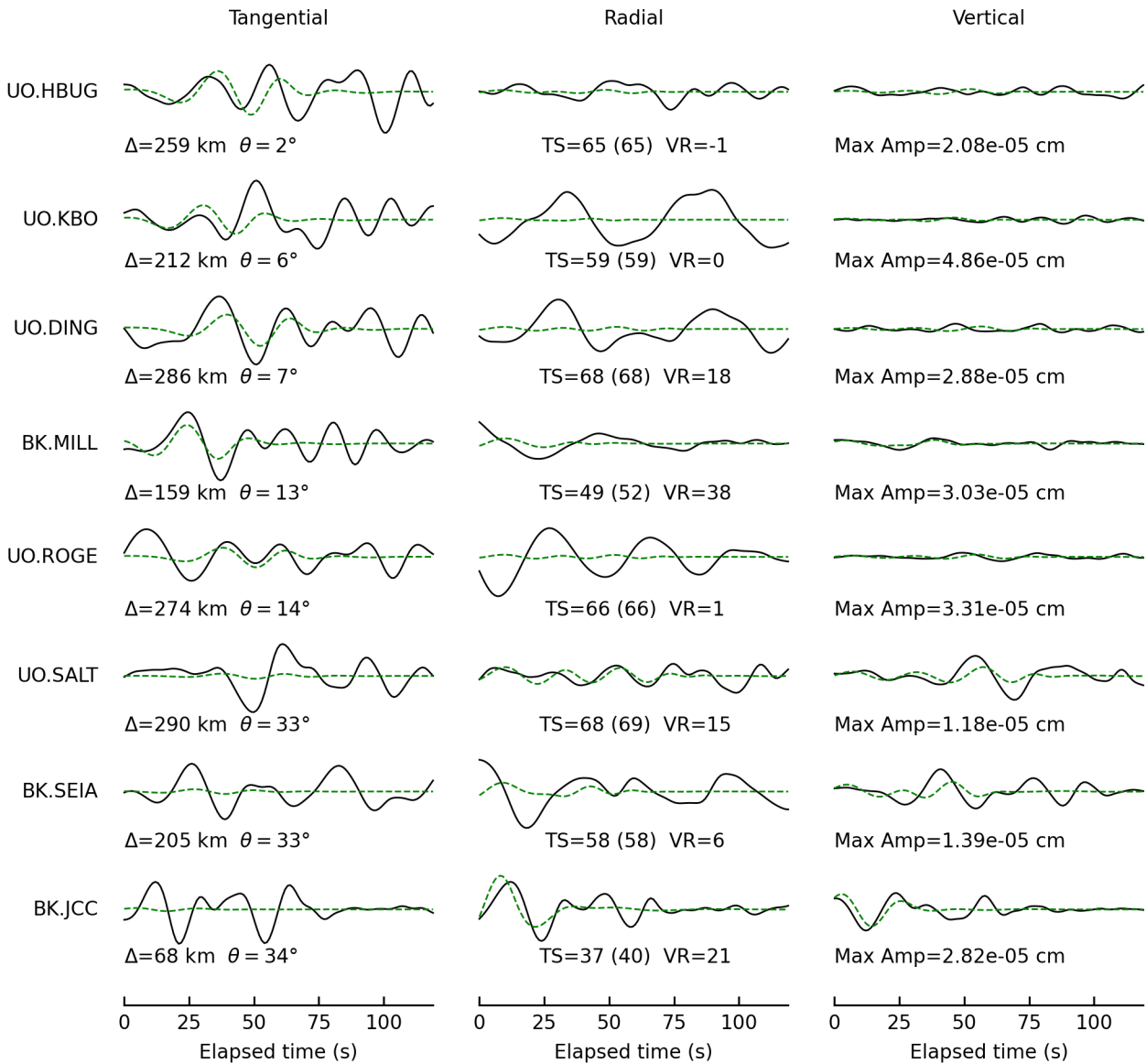
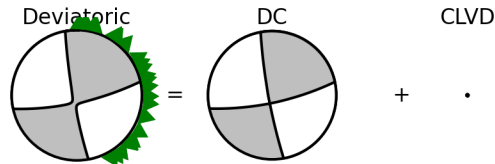
M0 = 6.09e+21 dyne-cm

Percent DC/CLVD/ISO = 98/2/0

sdr = (170,83,14) (78,77,173)

npts = 120 vred = 7.692 km/s

VR = 6.55% lune:0,0



Tangential

Radial

Vertical

BK.YBH

 $\Delta=217$  km  $\theta=43^\circ$ 

TS=64 (59) VR=-1

Max Amp=1.14e-05 cm

BK.GUMB

 $\Delta=195$  km  $\theta=58^\circ$ 

TS=59 (56) VR=19

Max Amp=1.76e-05 cm

BK.TRIN

 $\Delta=168$  km  $\theta=63^\circ$ 

TS=54 (53) VR=24

Max Amp=3.92e-05 cm

BK.WLKR

 $\Delta=15$  km  $\theta=67^\circ$ 

TS=33 (33) VR=-0

Max Amp=3.94e-04 cm

BK.SAGE

 $\Delta=214$  km  $\theta=75^\circ$ 

TS=59 (59) VR=-5

Max Amp=5.75e-05 cm

BK.HAYF

 $\Delta=109$  km  $\theta=77^\circ$ 

TS=46 (45) VR=44

Max Amp=3.97e-05 cm

BK.DLIK

 $\Delta=136$  km  $\theta=83^\circ$ 

TS=50 (49) VR=38

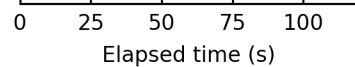
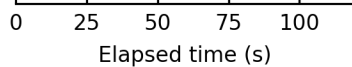
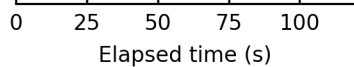
Max Amp=3.48e-05 cm

BK.GHOP

 $\Delta=43$  km  $\theta=90^\circ$ 

TS=37 (37) VR=4

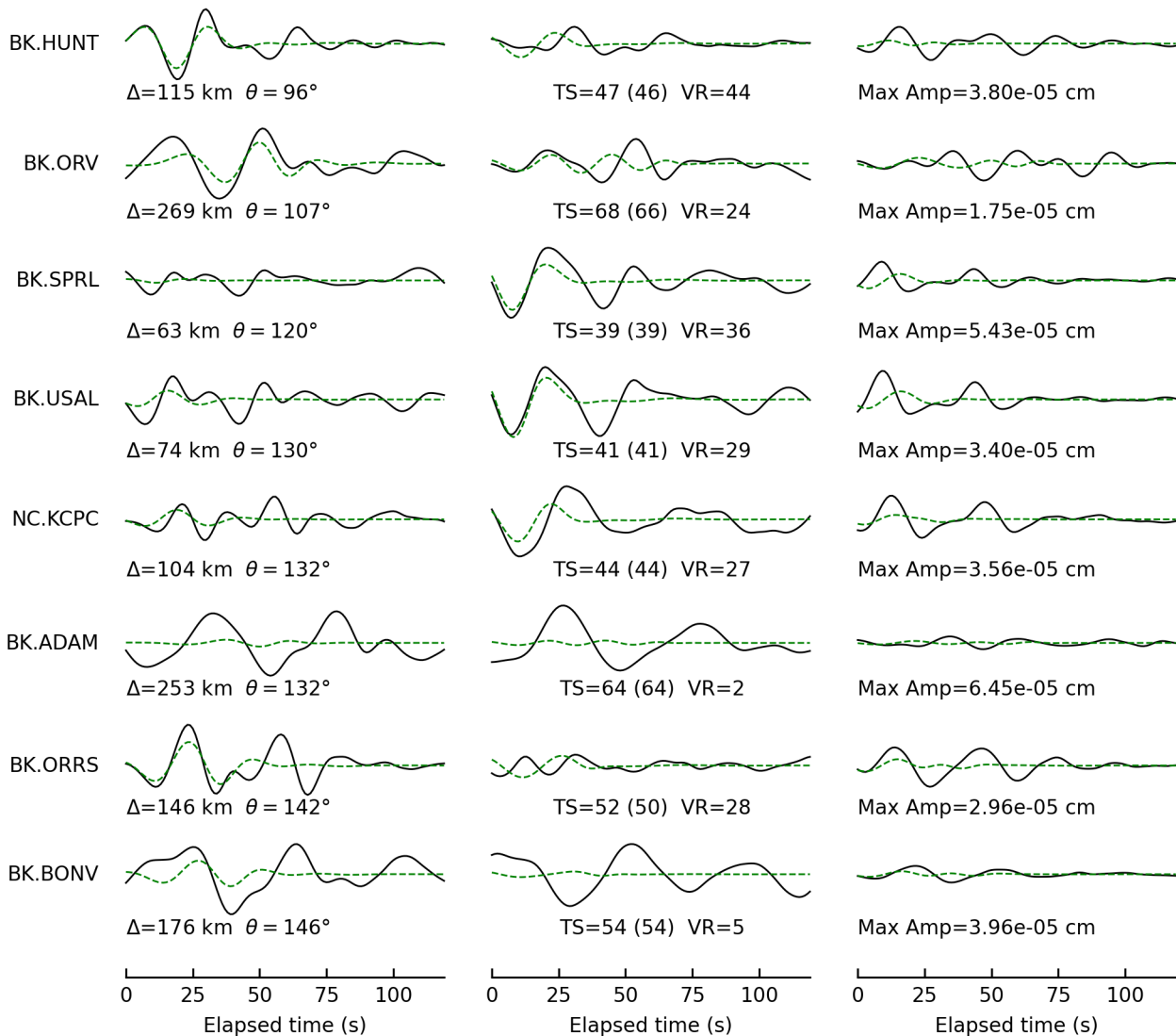
Max Amp=1.60e-04 cm



Tangential

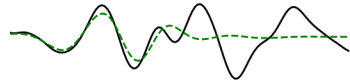
Radial

Vertical

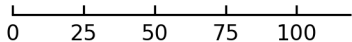


BK.HRCH

Tangential

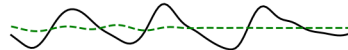


$\Delta=220$  km  $\theta = 151^\circ$

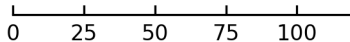


Elapsed time (s)

Radial



TS=60 (60) VR=17

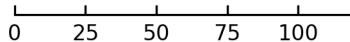


Elapsed time (s)

Vertical



Max Amp=2.33e-05 cm



Elapsed time (s)

# Deviatoric Moment Tensor Inversion

Evid = 75098061

Depth = 6.0 km

Mw = 3.70

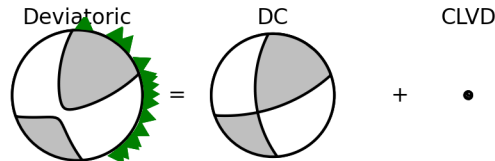
M0 = 4.38e+21 dyne-cm

Percent DC/CLVD/ISO = 94/6/0

sdr = (176,58,27) (71,67,145)

npts = 120 vred = 7.692 km/s

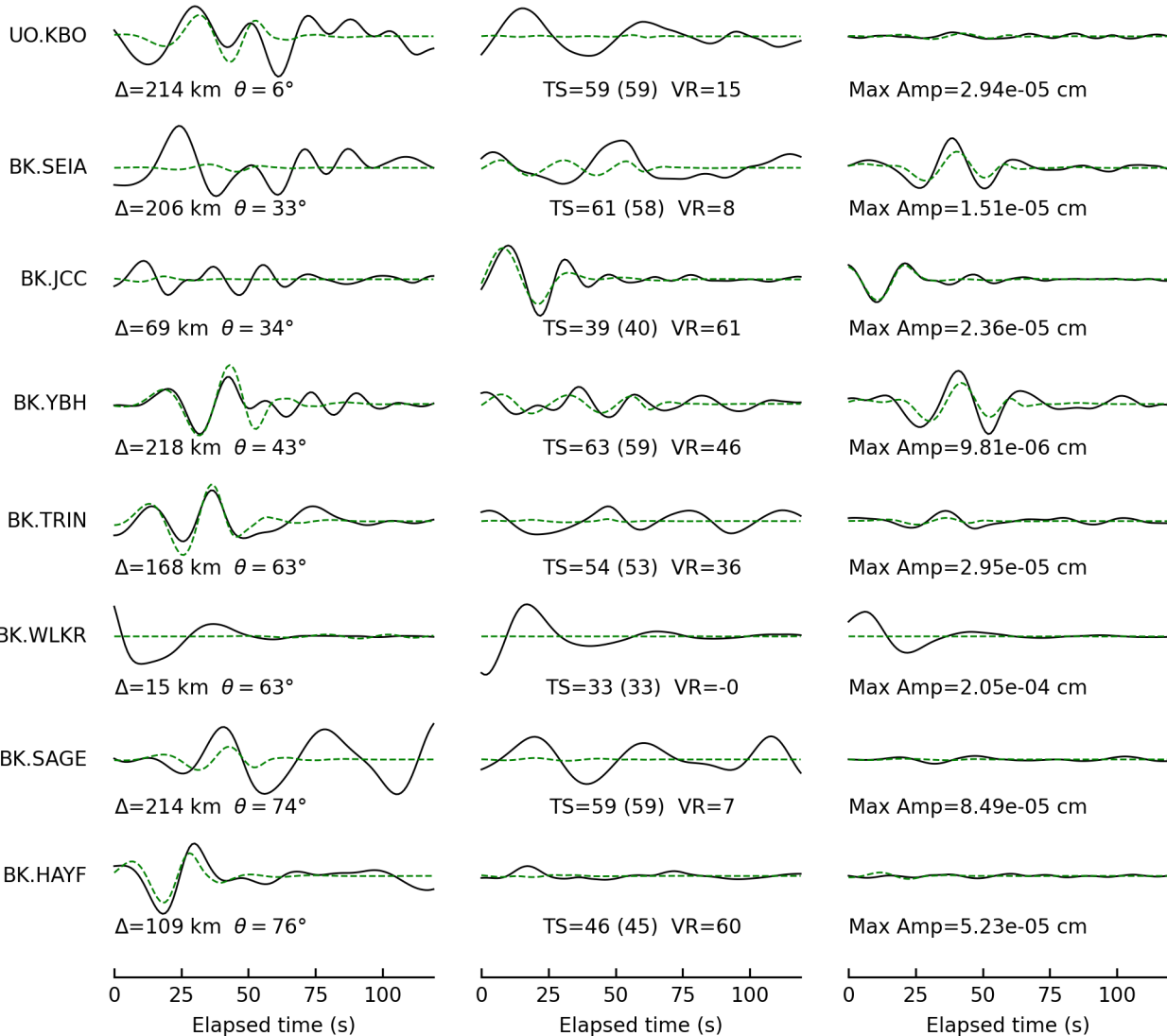
VR = 15.96% lune:-1,0



Tangential

Radial

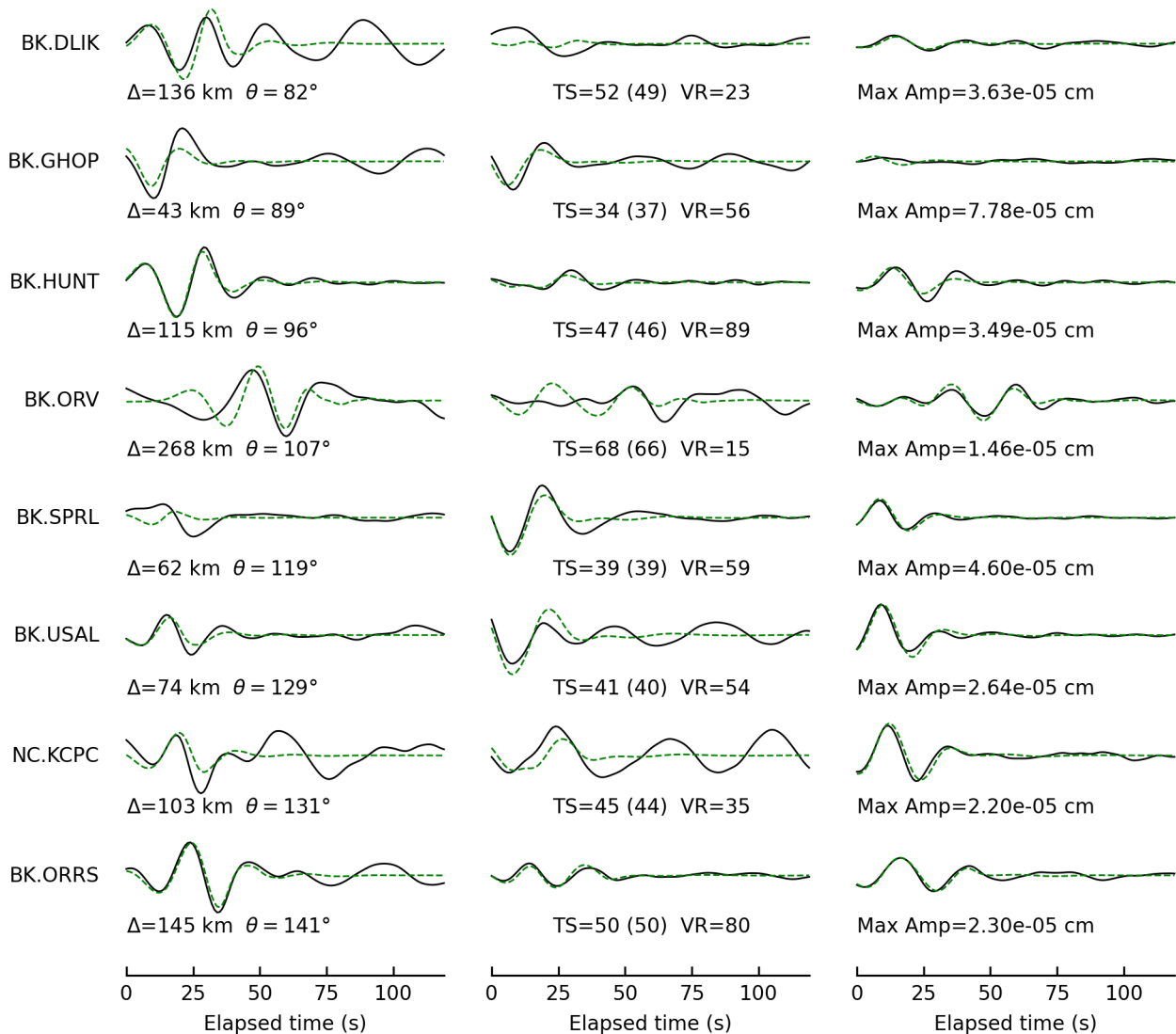
Vertical



Tangential

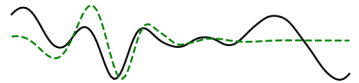
Radial

Vertical

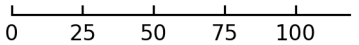


BK.BONV

Tangential

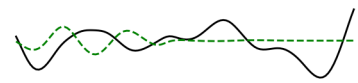


$\Delta=175$  km  $\theta = 146^\circ$

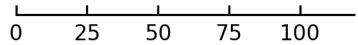


Elapsed time (s)

Radial

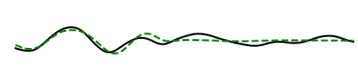


TS=55 (54) VR=-2

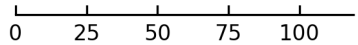


Elapsed time (s)

Vertical



Max Amp=2.29e-05 cm



Elapsed time (s)



# Deviatoric Moment Tensor Inversion

Evid = 75098061

Depth = 24.0 km

Mw = 3.80

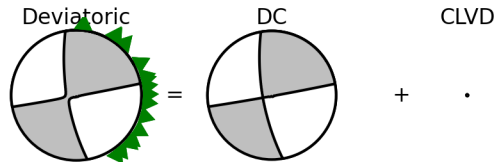
M0 = 6.33e+21 dyne-cm

Percent DC/CLVD/ISO = 99/1/0

sdr = (80,88,164) (170,74,2)

npts = 120 vred = 7.692 km/s

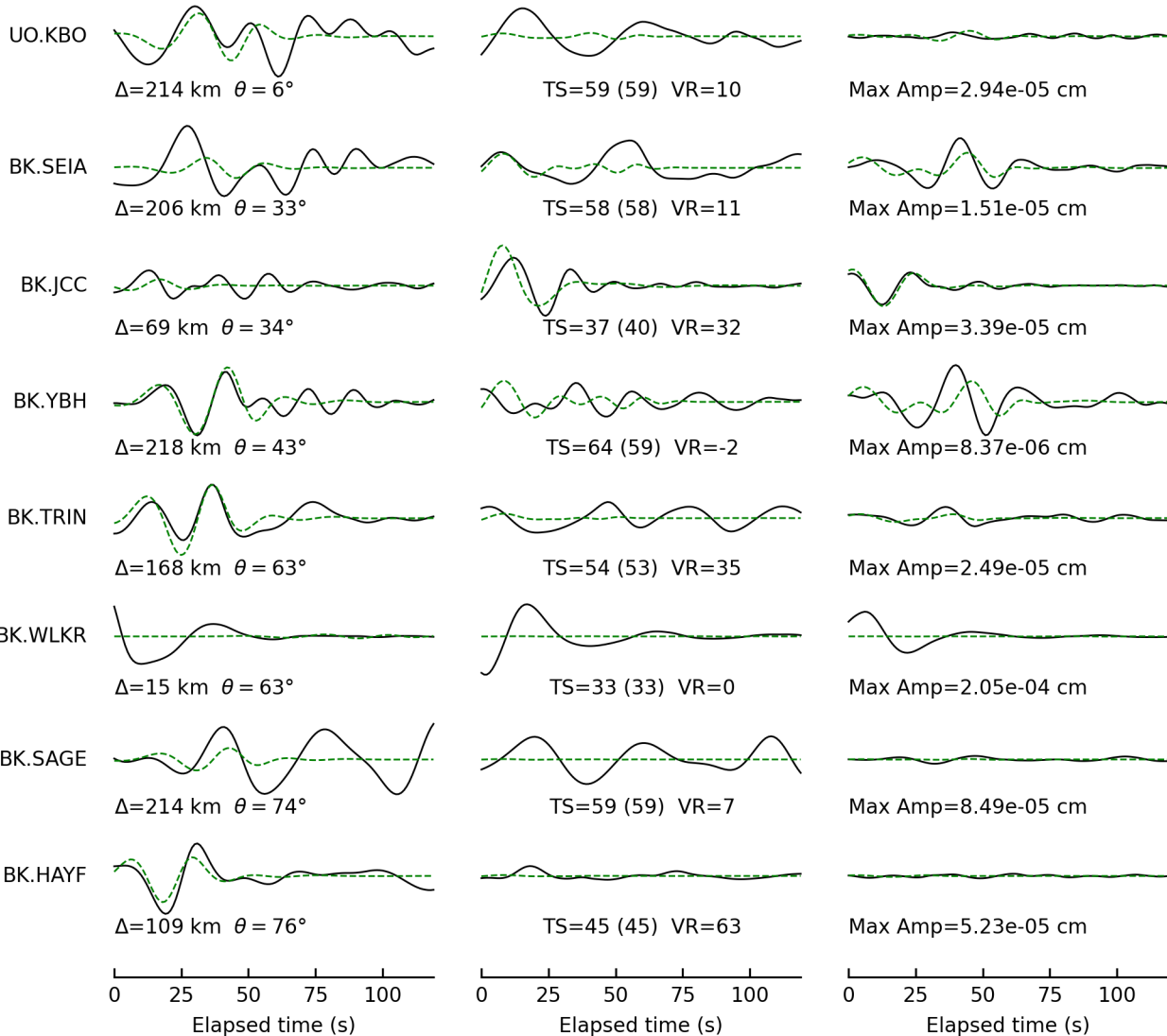
VR = 13.38% lune:0,0



Tangential

Radial

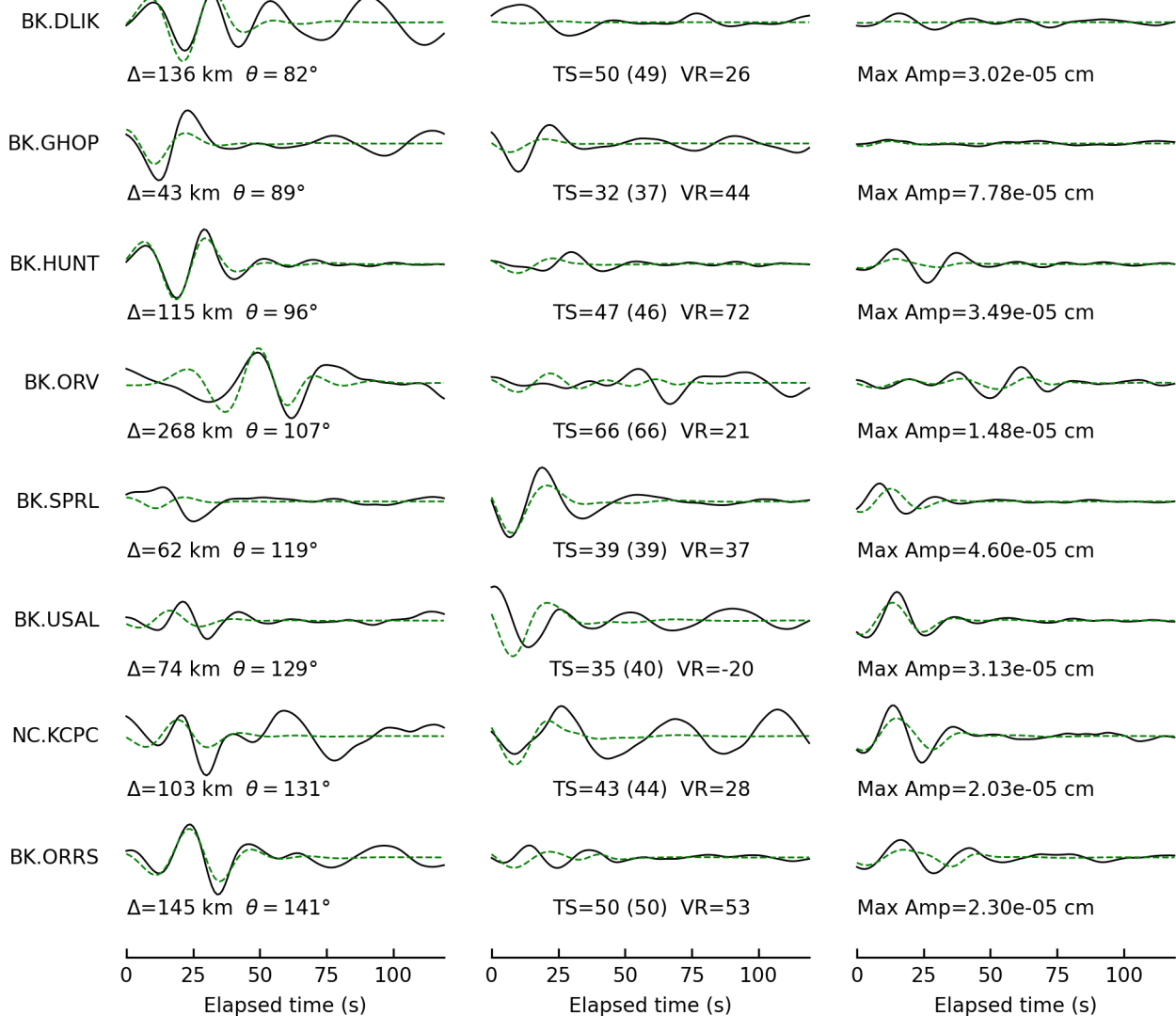
Vertical



Tangential

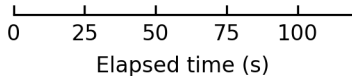
Radial

Vertical

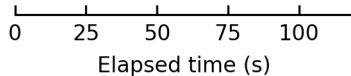
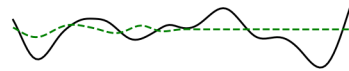


BK.BONV

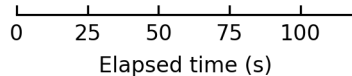
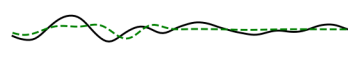
Tangential



Radial



Vertical



Deviatoric Moment Tensor Inversion

Evid = 75098131

Depth = 3.0 km

Mw = 3.67

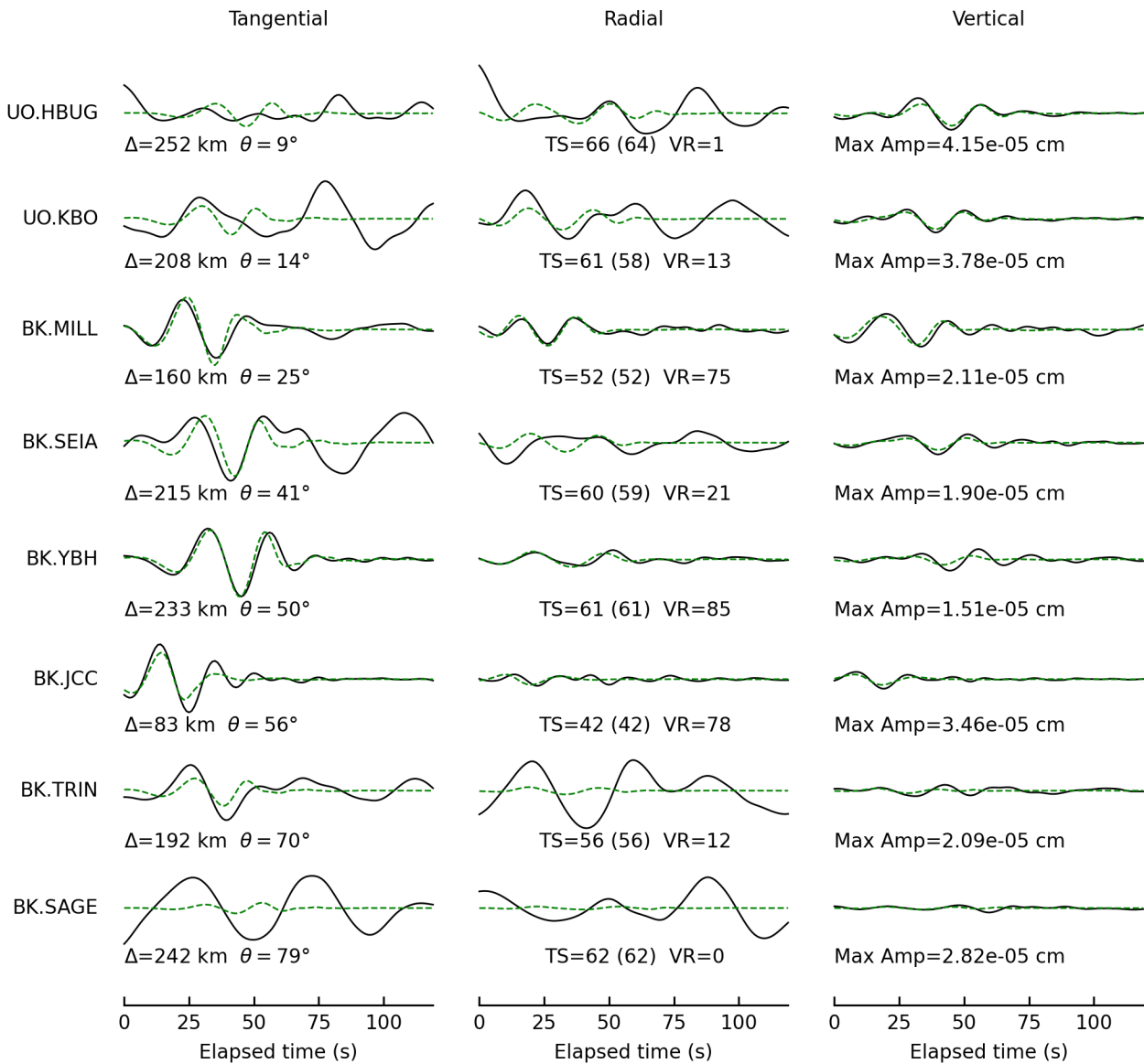
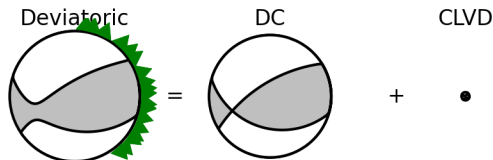
M0 = 4.04e+21 dyne-cm

Percent DC/CLVD/ISO = 94/6/0

sdr = (238,65,65) (106,35,133)

npts = 120 vred = 7.692 km/s

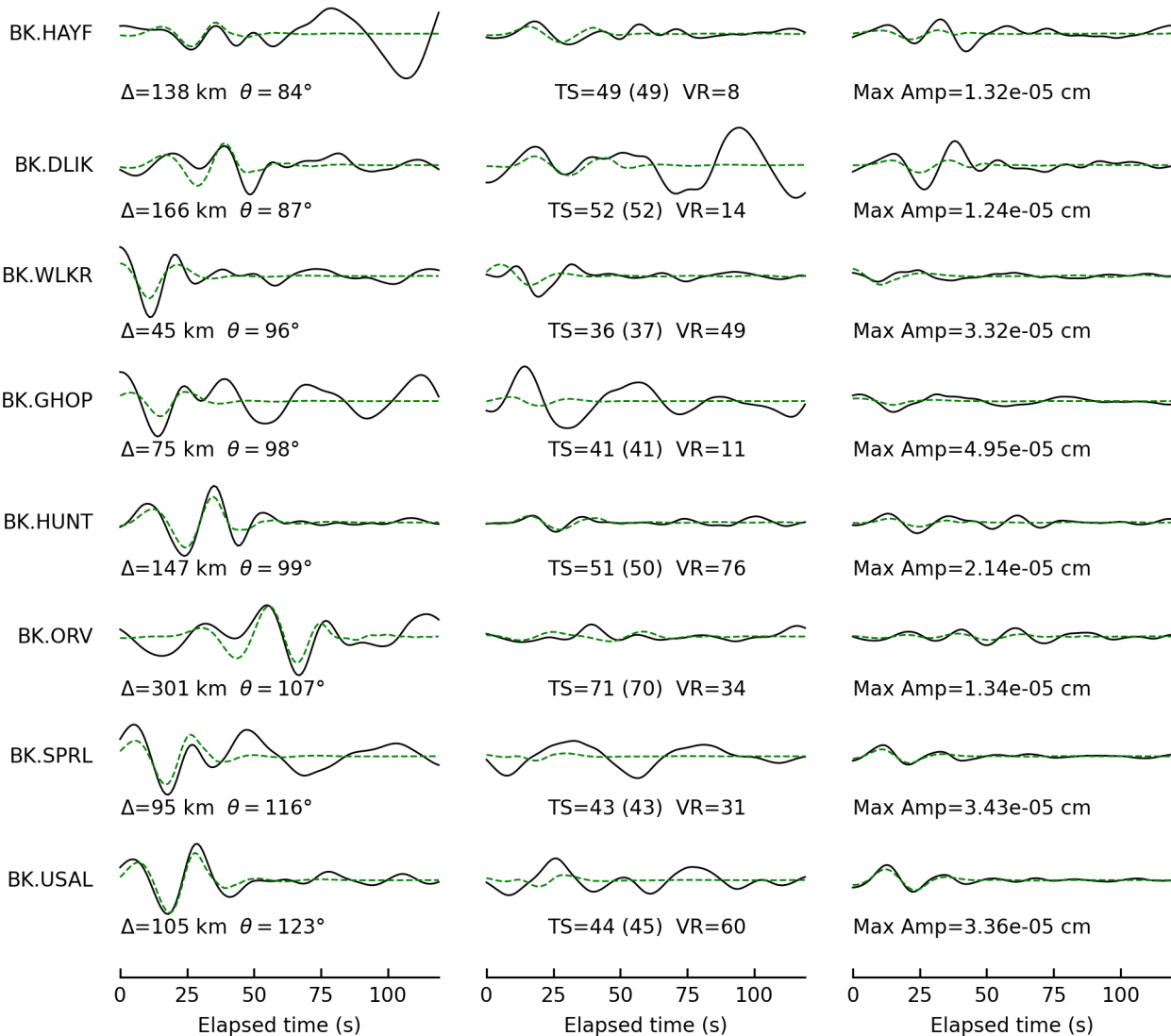
VR = 20.90% lune:2,0



Tangential

Radial

Vertical

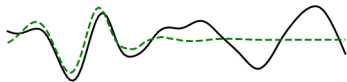
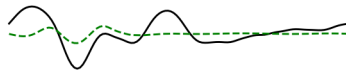


Tangential

Radial

Vertical

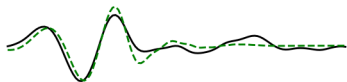
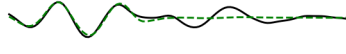
NC.KCPC

 $\Delta=134$  km  $\theta=126^\circ$ 

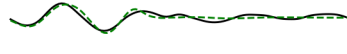
TS=47 (48) VR=30

Max Amp= $2.64e-05$  cm

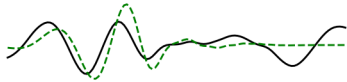
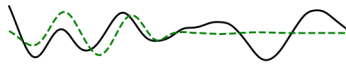
BK.ORRS

 $\Delta=174$  km  $\theta=136^\circ$ 

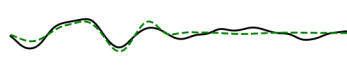
TS=53 (54) VR=79

Max Amp= $2.23e-05$  cm

BK.BONV

 $\Delta=203$  km  $\theta=140^\circ$ 

TS=58 (57) VR=17

Max Amp= $1.93e-05$  cm

0 25 50 75 100

Elapsed time (s)

0 25 50 75 100

Elapsed time (s)

0 25 50 75 100

Elapsed time (s)

# Deviatoric Moment Tensor Inversion

Evid = 75098131

Depth = 6.0 km

Mw = 3.70

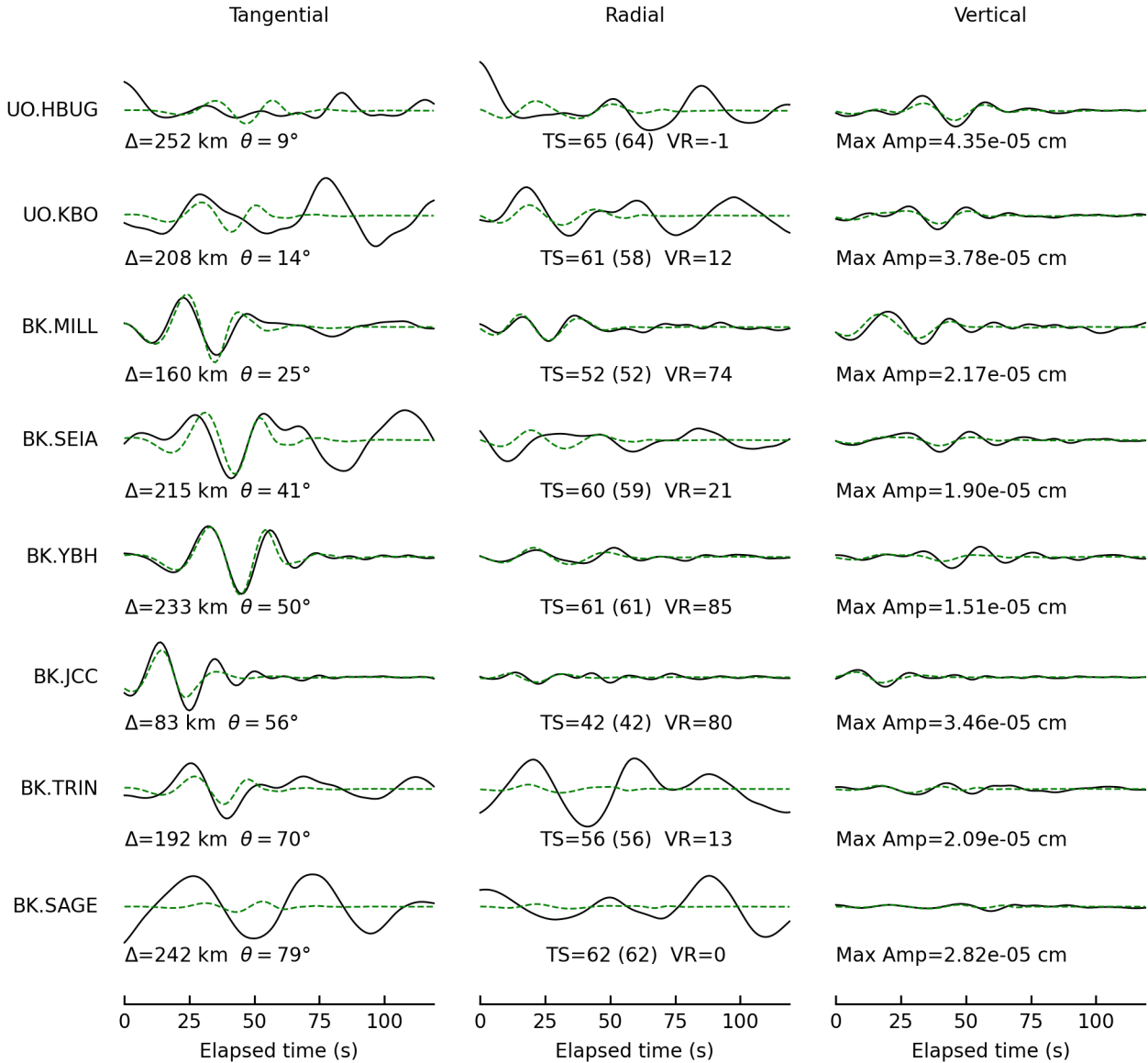
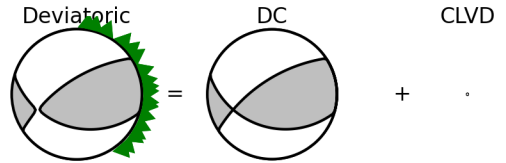
M0 = 4.42e+21 dyne-cm

Percent DC/CLVD/ISO = 100/0/0

sdr = (236,65,63) (107,36,134)

npts = 120 vred = 7.692 km/s

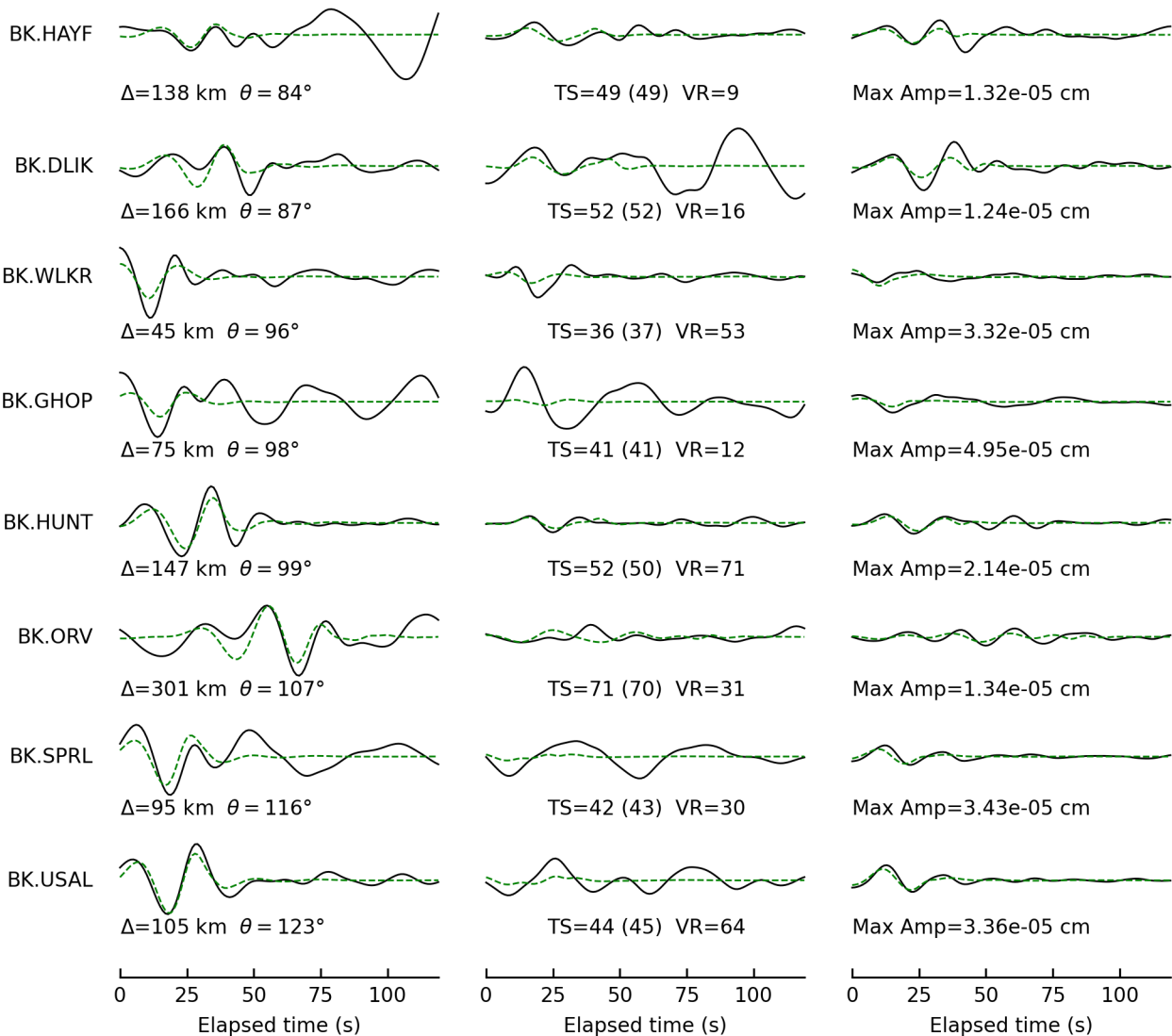
VR = 20.33% lune:0,0



Tangential

Radial

Vertical



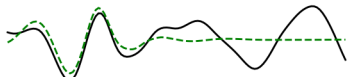
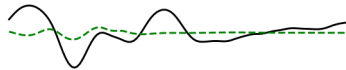


Tangential

Radial

Vertical

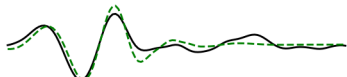
NC.KCPC

 $\Delta=134$  km  $\theta=126^\circ$ 

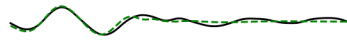
TS=48 (48) VR=29

Max Amp= $2.64 \times 10^{-5}$  cm

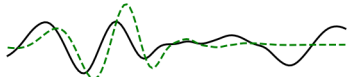
BK.ORRS

 $\Delta=174$  km  $\theta=136^\circ$ 

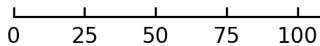
TS=53 (54) VR=80

Max Amp= $2.22 \times 10^{-5}$  cm

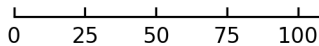
BK.BONV

 $\Delta=203$  km  $\theta=140^\circ$ 

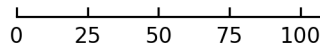
TS=59 (57) VR=7

Max Amp= $1.93 \times 10^{-5}$  cm

Elapsed time (s)



Elapsed time (s)



Elapsed time (s)

# Deviatoric Moment Tensor Inversion

Evid = 75098631

Depth = 2.0 km

Mw = 3.65

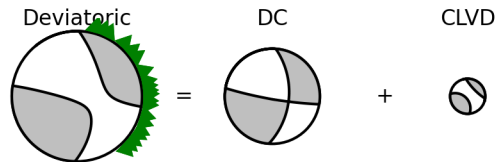
M0 = 3.66e+21 dyne-cm

Percent DC/CLVD/ISO = 73/27/0

sdr = (100,83,-141) (4,51,-9)

npts = 120 vred = 7.692 km/s

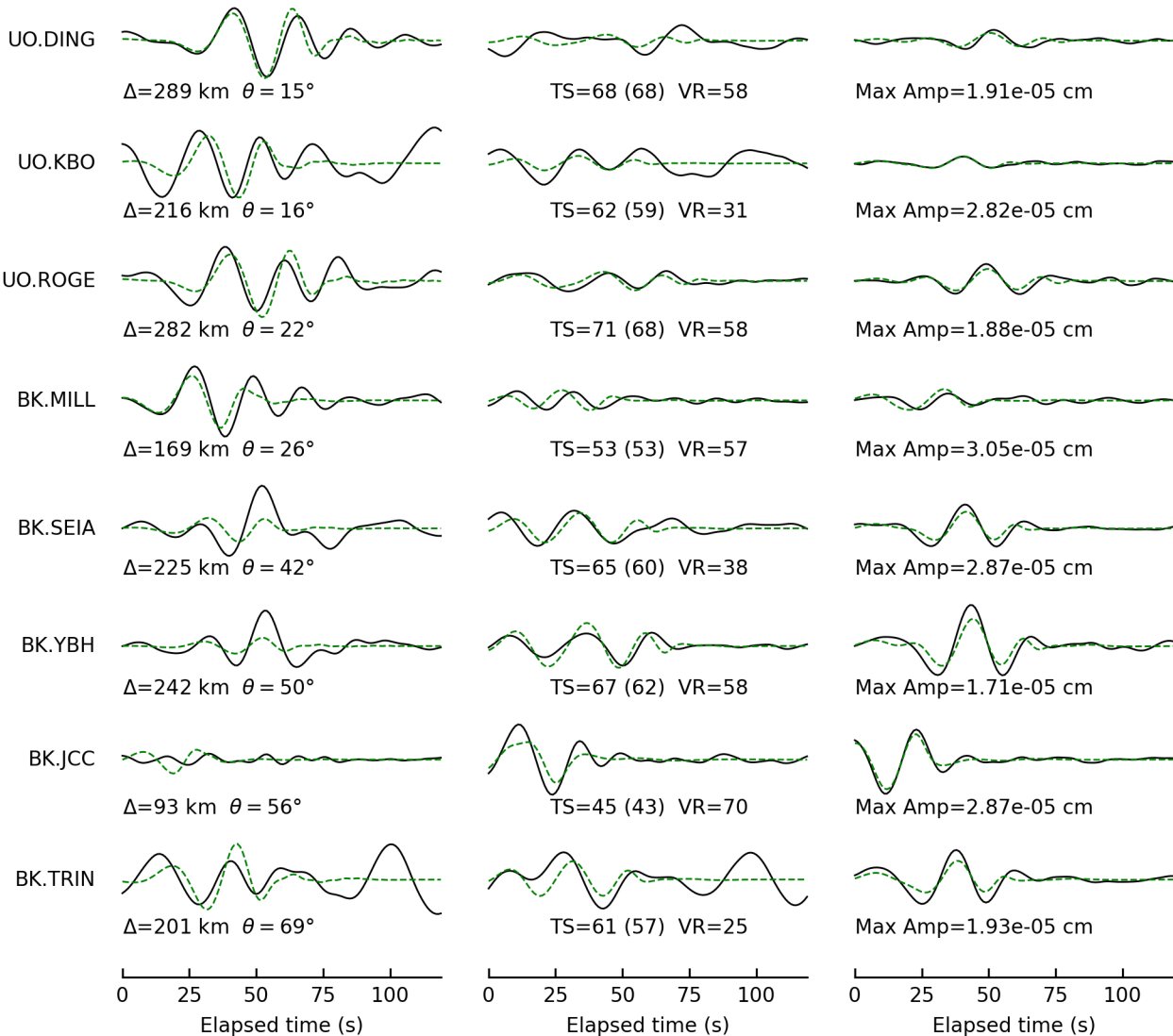
VR = 35.72% lune:-7,0



Tangential

Radial

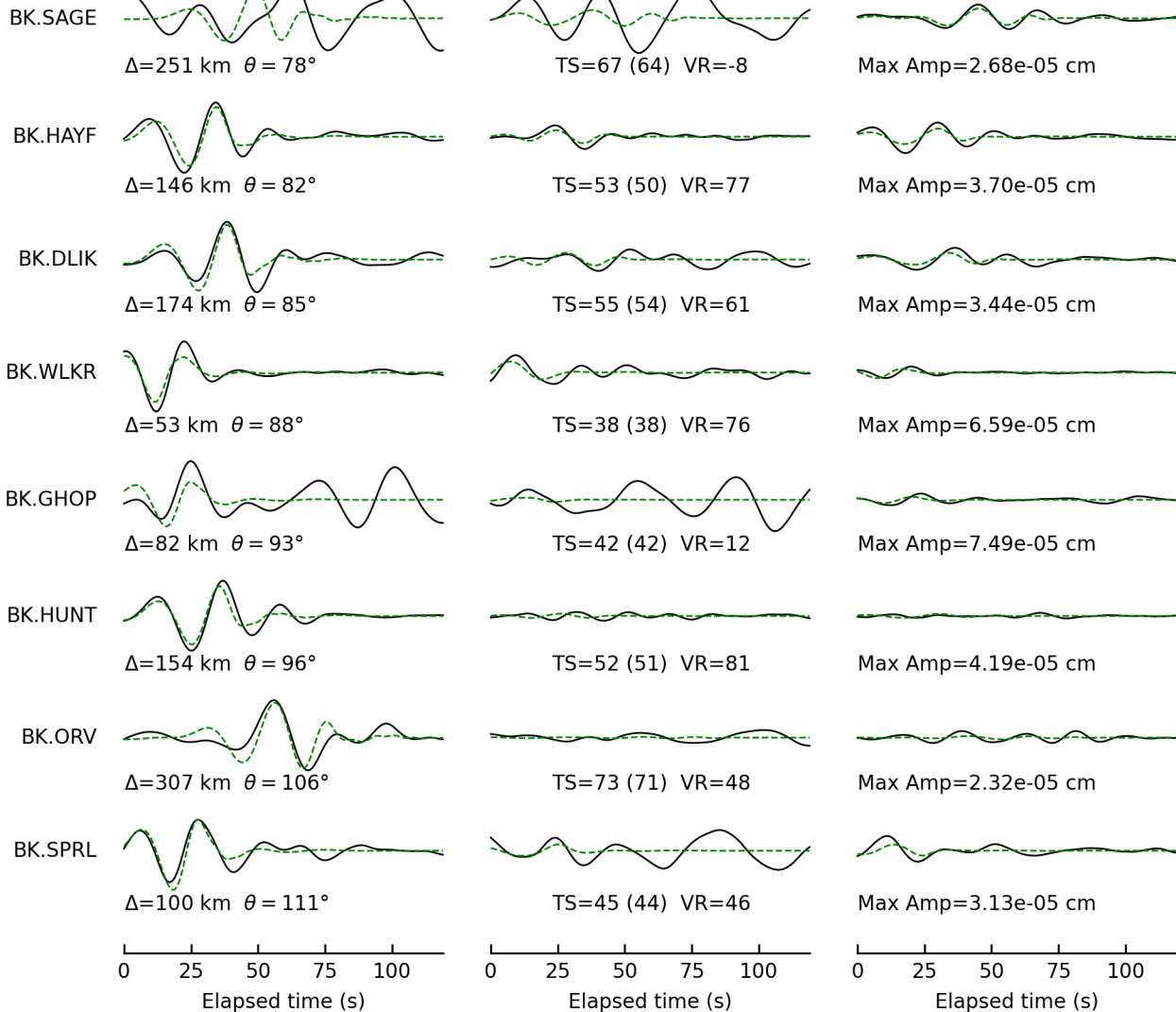
Vertical



Tangential

Radial

Vertical

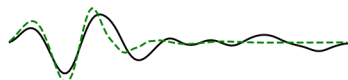


Tangential

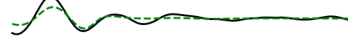
Radial

Vertical

BK.USAL

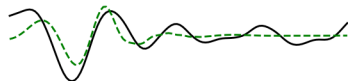
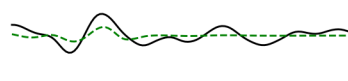
 $\Delta=109$  km  $\theta = 118^\circ$ 

TS=45 (45) VR=49

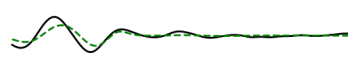


Max Amp=2.66e-05 cm

NC.KCPC

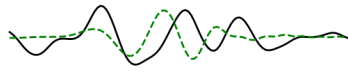
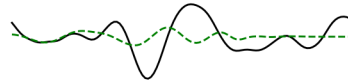
 $\Delta=137$  km  $\theta = 122^\circ$ 

TS=50 (49) VR=52

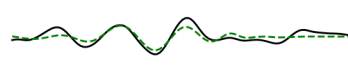


Max Amp=2.25e-05 cm

BK.ADAM

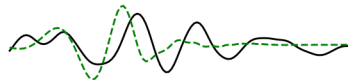
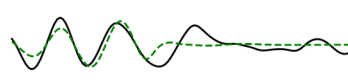
 $\Delta=286$  km  $\theta = 128^\circ$ 

TS=70 (68) VR=-7

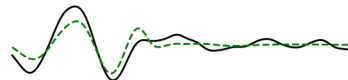


Max Amp=1.41e-05 cm

BK.ORRS

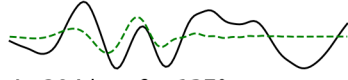
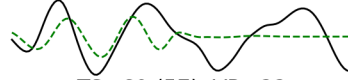
 $\Delta=176$  km  $\theta = 132^\circ$ 

TS=54 (54) VR=39

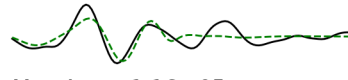


Max Amp=1.13e-05 cm

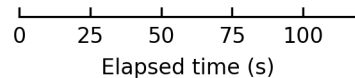
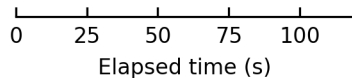
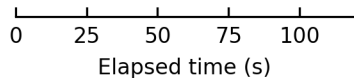
BK.BONV

 $\Delta=204$  km  $\theta = 137^\circ$ 

TS=60 (57) VR=22



Max Amp=1.16e-05 cm



# Deviatoric Moment Tensor Inversion

Evid = 75098631

Depth = 6.0 km

Mw = 3.67

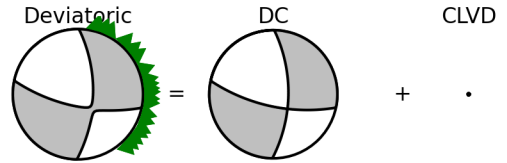
M0 = 3.96e+21 dyne-cm

Percent DC/CLVD/ISO = 98/2/0

sdr = (102,69,-151) (1,64,-24)

npts = 120 vred = 7.692 km/s

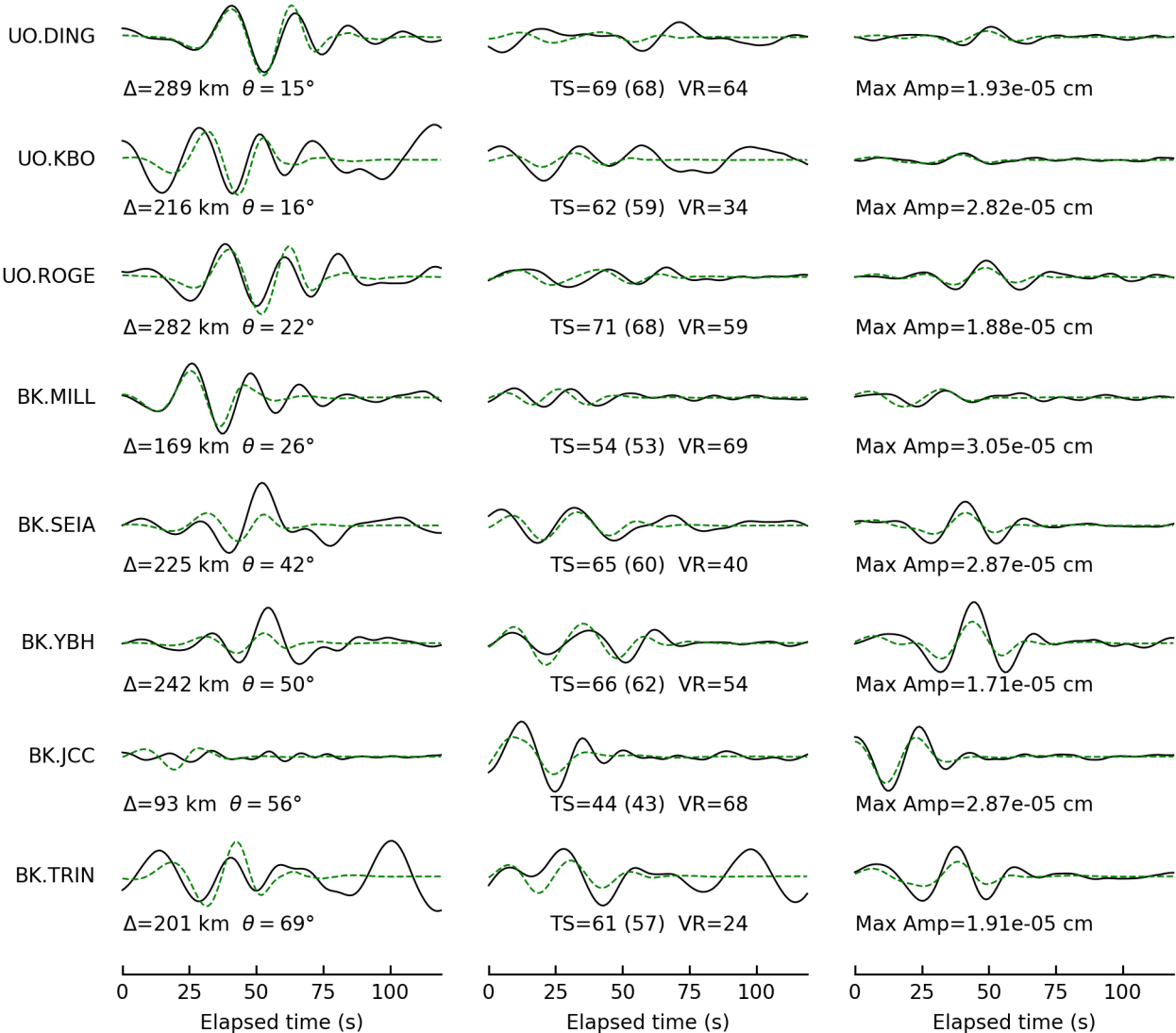
VR = 34.96% lune:0,0



Tangential

Radial

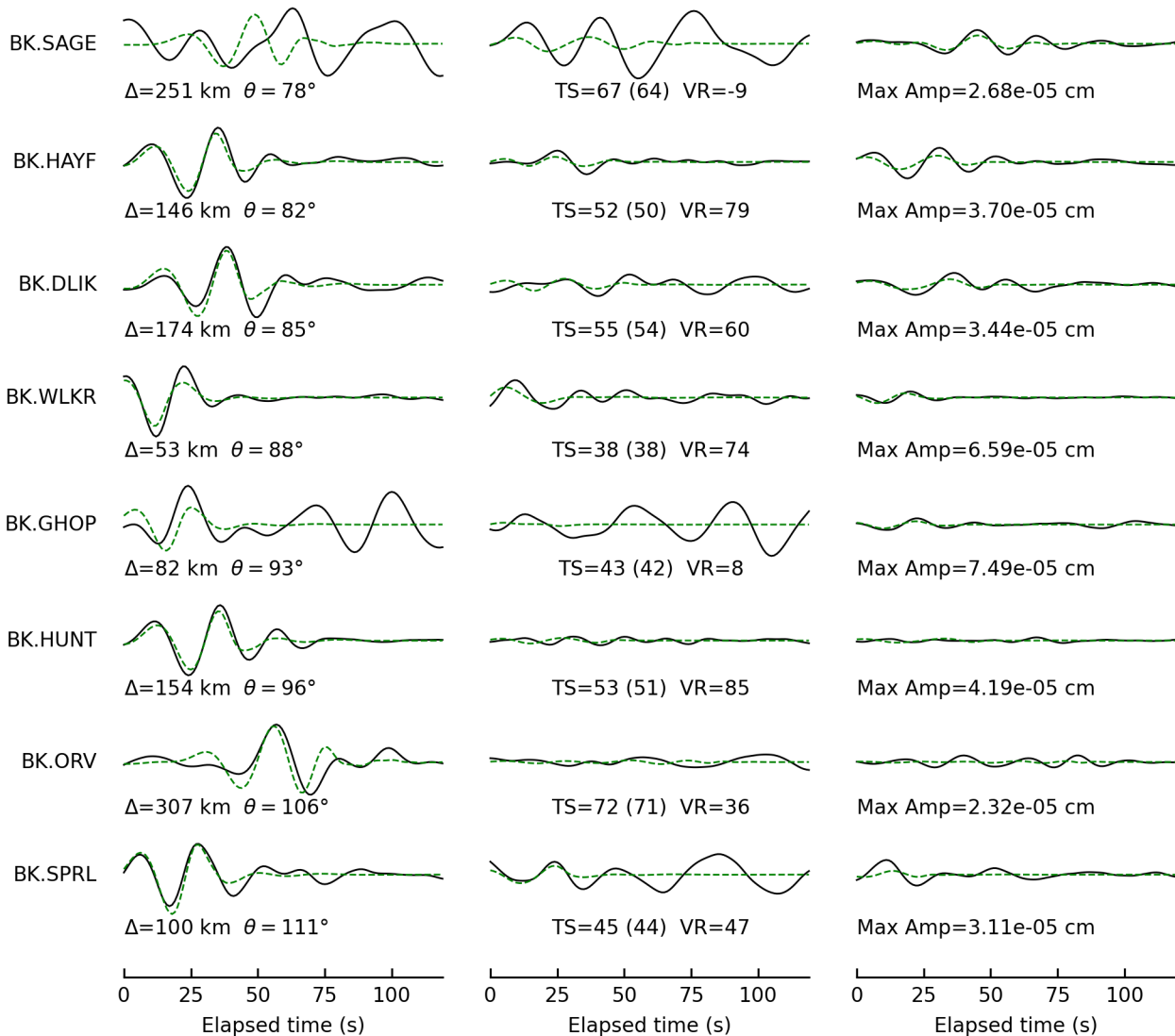
Vertical



Tangential

Radial

Vertical

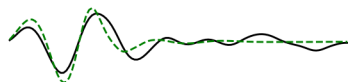


Tangential

Radial

Vertical

BK.USAL

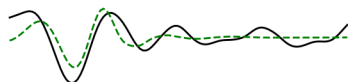
 $\Delta=109$  km  $\theta = 118^\circ$ 

TS=46 (45) VR=47



Max Amp=2.59e-05 cm

NC.KCPC

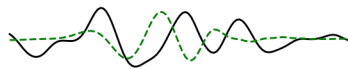
 $\Delta=137$  km  $\theta = 122^\circ$ 

TS=50 (49) VR=54



Max Amp=2.23e-05 cm

BK.ADAM

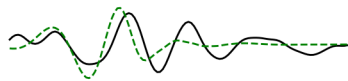
 $\Delta=286$  km  $\theta = 128^\circ$ 

TS=70 (68) VR=-21

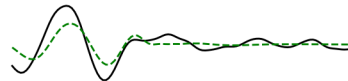


Max Amp=1.41e-05 cm

BK.ORRS

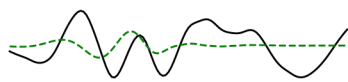
 $\Delta=176$  km  $\theta = 132^\circ$ 

TS=57 (54) VR=42

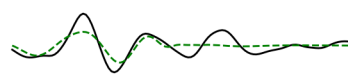


Max Amp=1.11e-05 cm

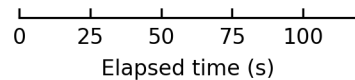
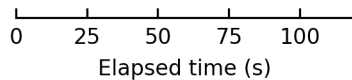
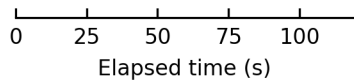
BK.BONV

 $\Delta=204$  km  $\theta = 137^\circ$ 

TS=61 (57) VR=13



Max Amp=1.16e-05 cm



# Deviatoric Moment Tensor Inversion

Evid = 75099111

Depth = 3.0 km

Mw = 3.59

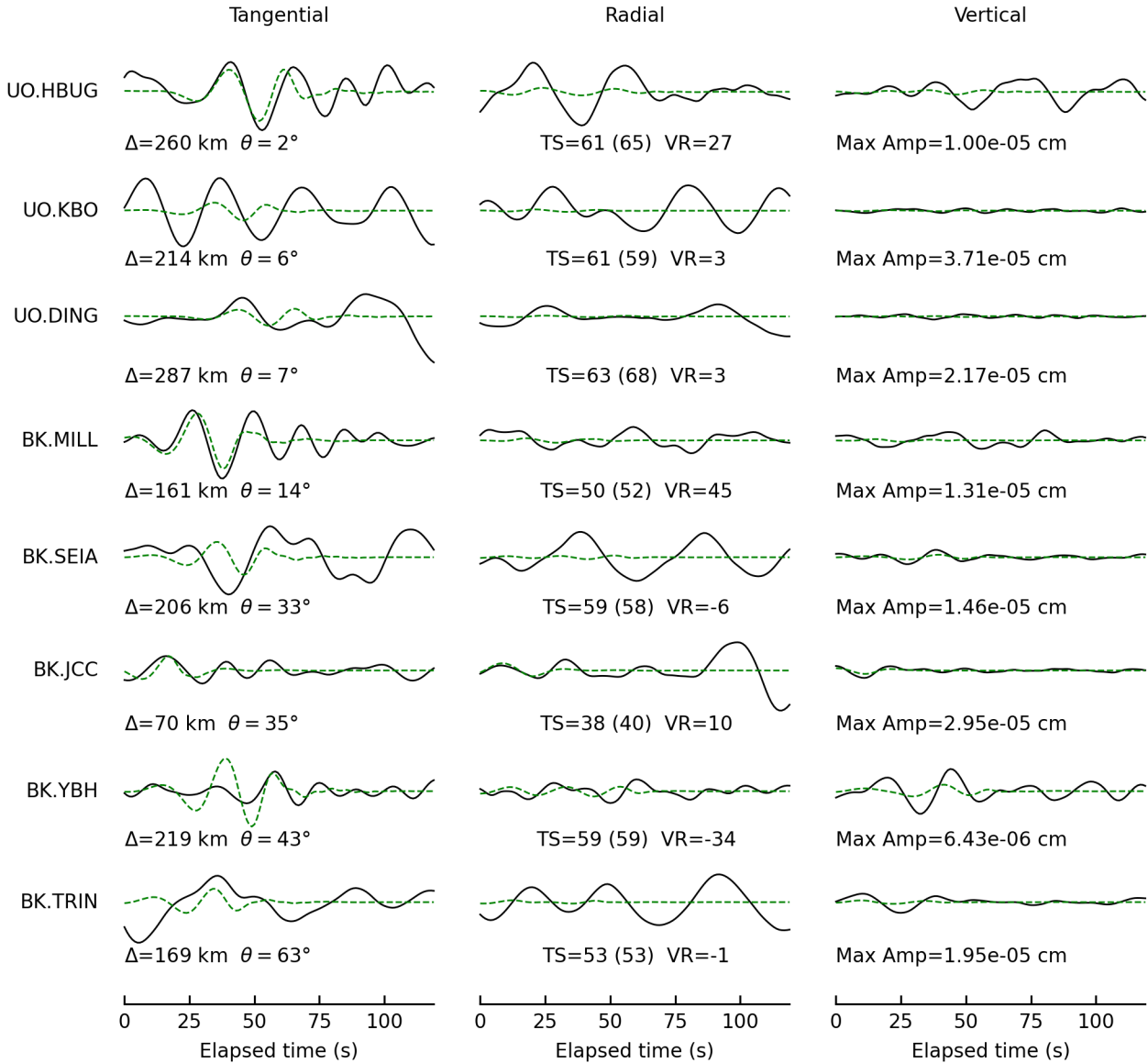
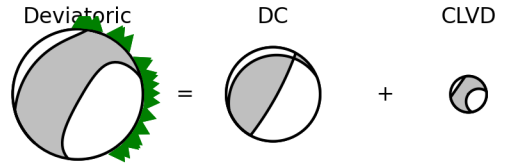
M0 = 3.06e+21 dyne-cm

Percent DC/CLVD/ISO = 72/28/0

sdr = (248,11,129) (29,81,83)

npts = 120 vred = 7.692 km/s

VR = 6.36% lune:7,0

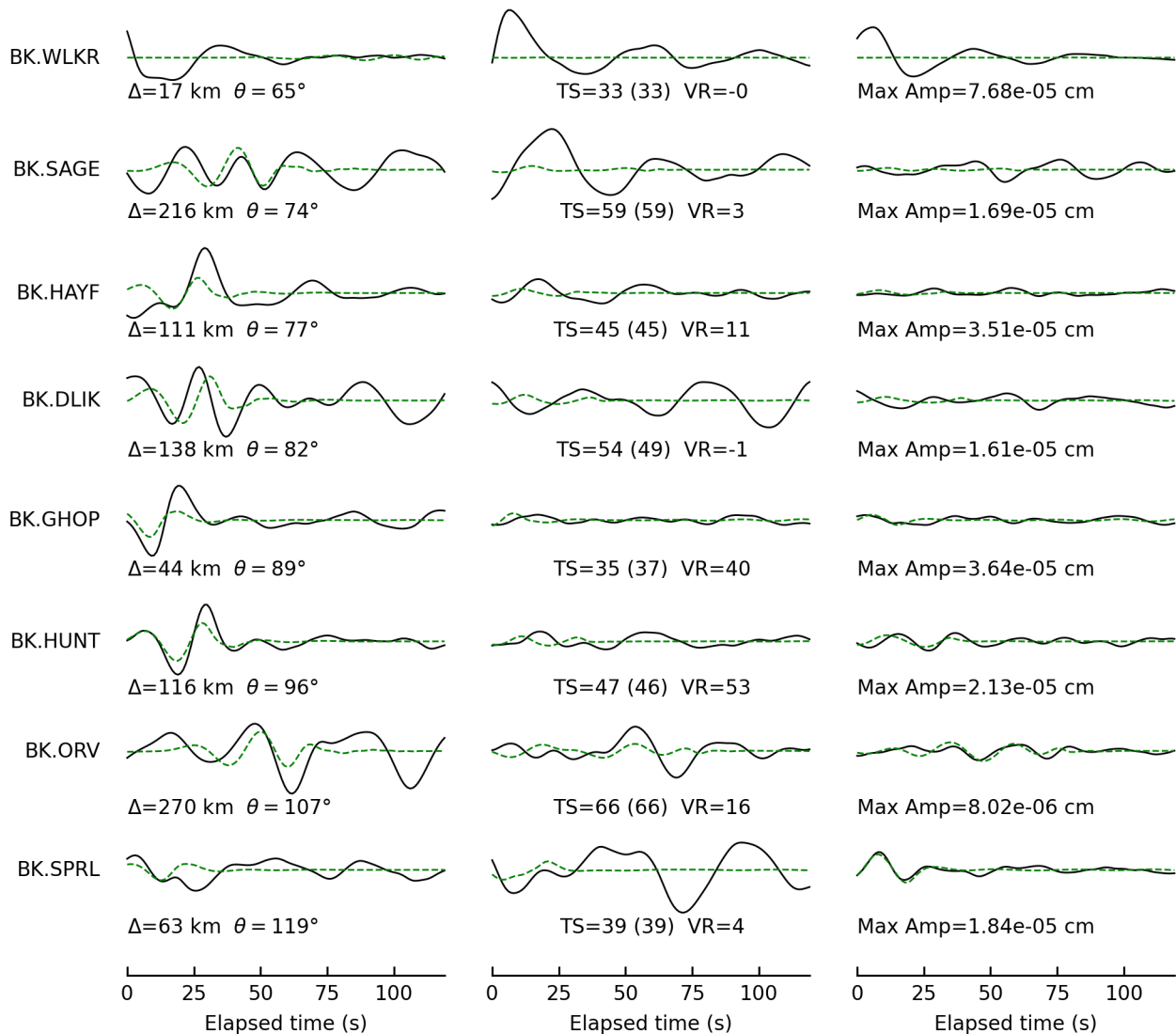




Tangential

Radial

Vertical

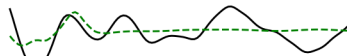


Tangential

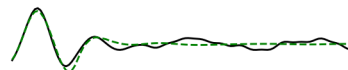
Radial

Vertical

BK.USAL

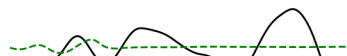
 $\Delta=75$  km  $\theta=128^\circ$ 

TS=41 (41) VR=22



Max Amp=1.13e-05 cm

NC.KCPC

 $\Delta=104$  km  $\theta=131^\circ$ 

TS=44 (44) VR=5



Max Amp=2.28e-05 cm

BK.ADAM

 $\Delta=254$  km  $\theta=132^\circ$ 

TS=65 (64) VR=6



Max Amp=1.42e-05 cm

BK.ORRS

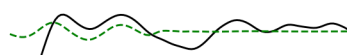
 $\Delta=146$  km  $\theta=141^\circ$ 

TS=50 (50) VR=16

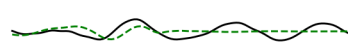


Max Amp=6.96e-06 cm

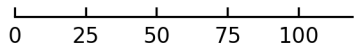
BK.BONV

 $\Delta=176$  km  $\theta=145^\circ$ 

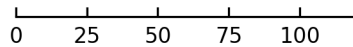
TS=55 (54) VR=16



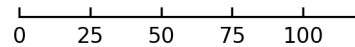
Max Amp=1.08e-05 cm



Elapsed time (s)



Elapsed time (s)



Elapsed time (s)

# Deviatoric Moment Tensor Inversion

Evid = 75099111

Depth = 3.0 km

Mw = 3.59

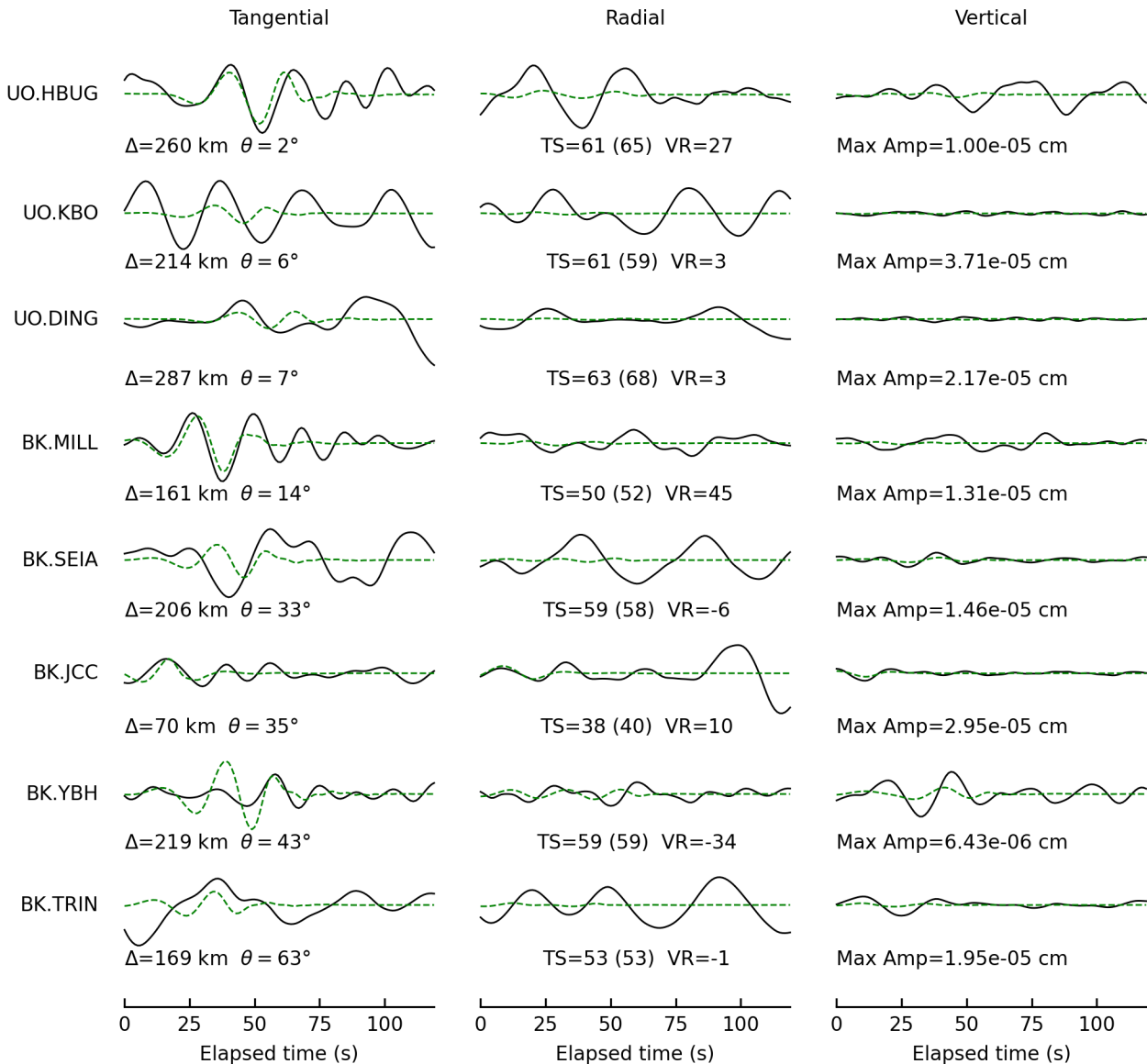
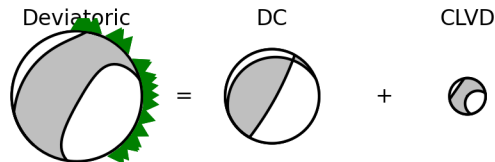
M0 = 3.06e+21 dyne-cm

Percent DC/CLVD/ISO = 72/28/0

sdr = (248,11,129) (29,81,83)

npts = 120 vred = 7.692 km/s

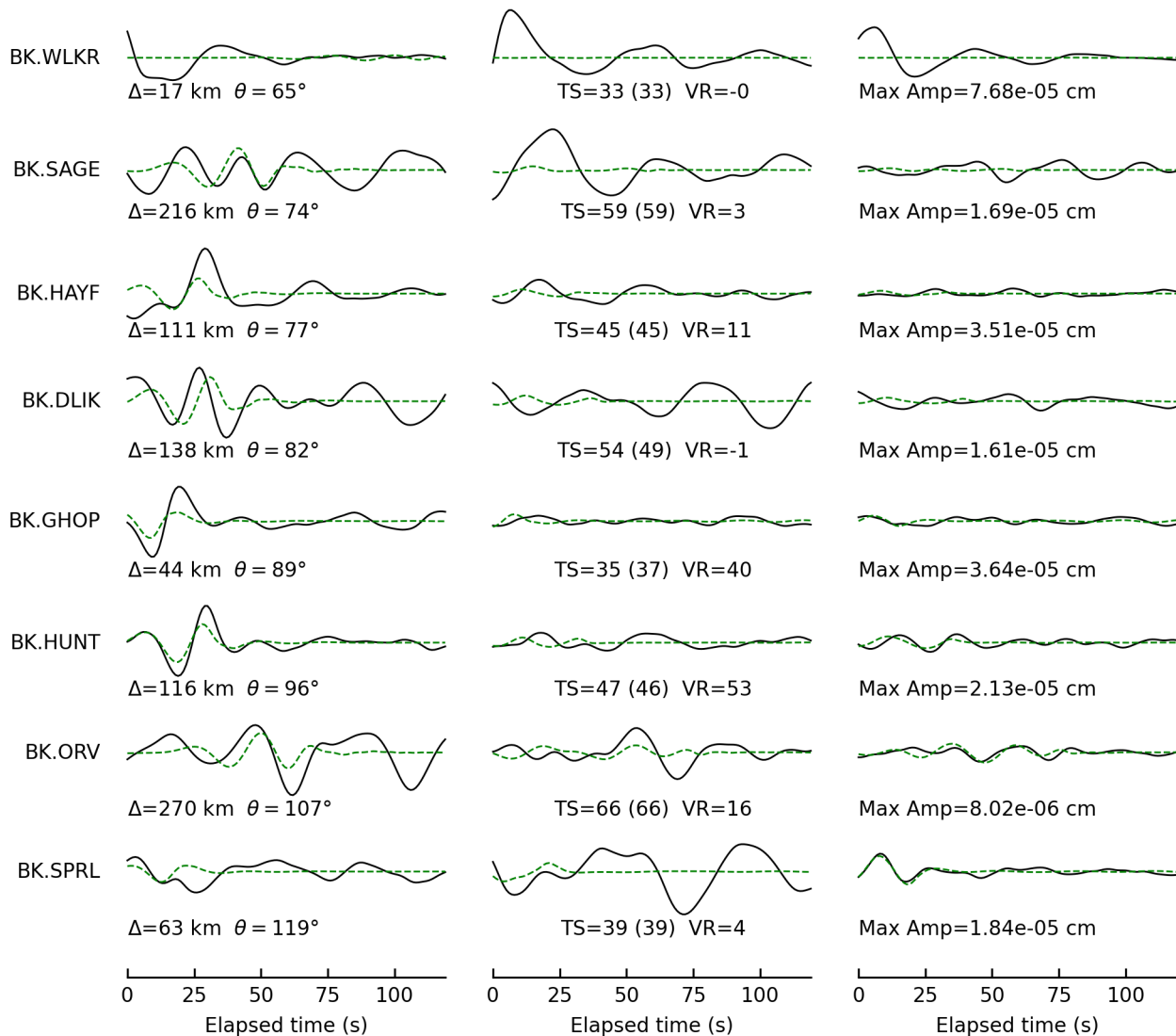
VR = 6.36% lune:7,0



Tangential

Radial

Vertical

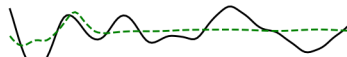


Tangential

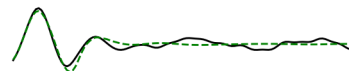
Radial

Vertical

BK.USAL

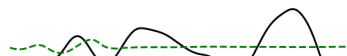
 $\Delta=75$  km  $\theta=128^\circ$ 

TS=41 (41) VR=22



Max Amp=1.13e-05 cm

NC.KCPC

 $\Delta=104$  km  $\theta=131^\circ$ 

TS=44 (44) VR=5



Max Amp=2.28e-05 cm

BK.ADAM

 $\Delta=254$  km  $\theta=132^\circ$ 

TS=65 (64) VR=6



Max Amp=1.42e-05 cm

BK.ORRS

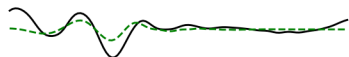
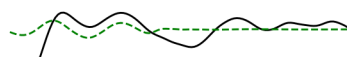
 $\Delta=146$  km  $\theta=141^\circ$ 

TS=50 (50) VR=16

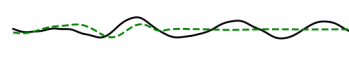


Max Amp=6.96e-06 cm

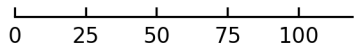
BK.BONV

 $\Delta=176$  km  $\theta=145^\circ$ 

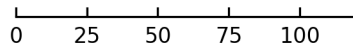
TS=55 (54) VR=16



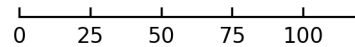
Max Amp=1.08e-05 cm



Elapsed time (s)



Elapsed time (s)



Elapsed time (s)

# Deviatoric Moment Tensor Inversion

Evid = 75099566

Depth = 6.0 km

Mw = 4.23

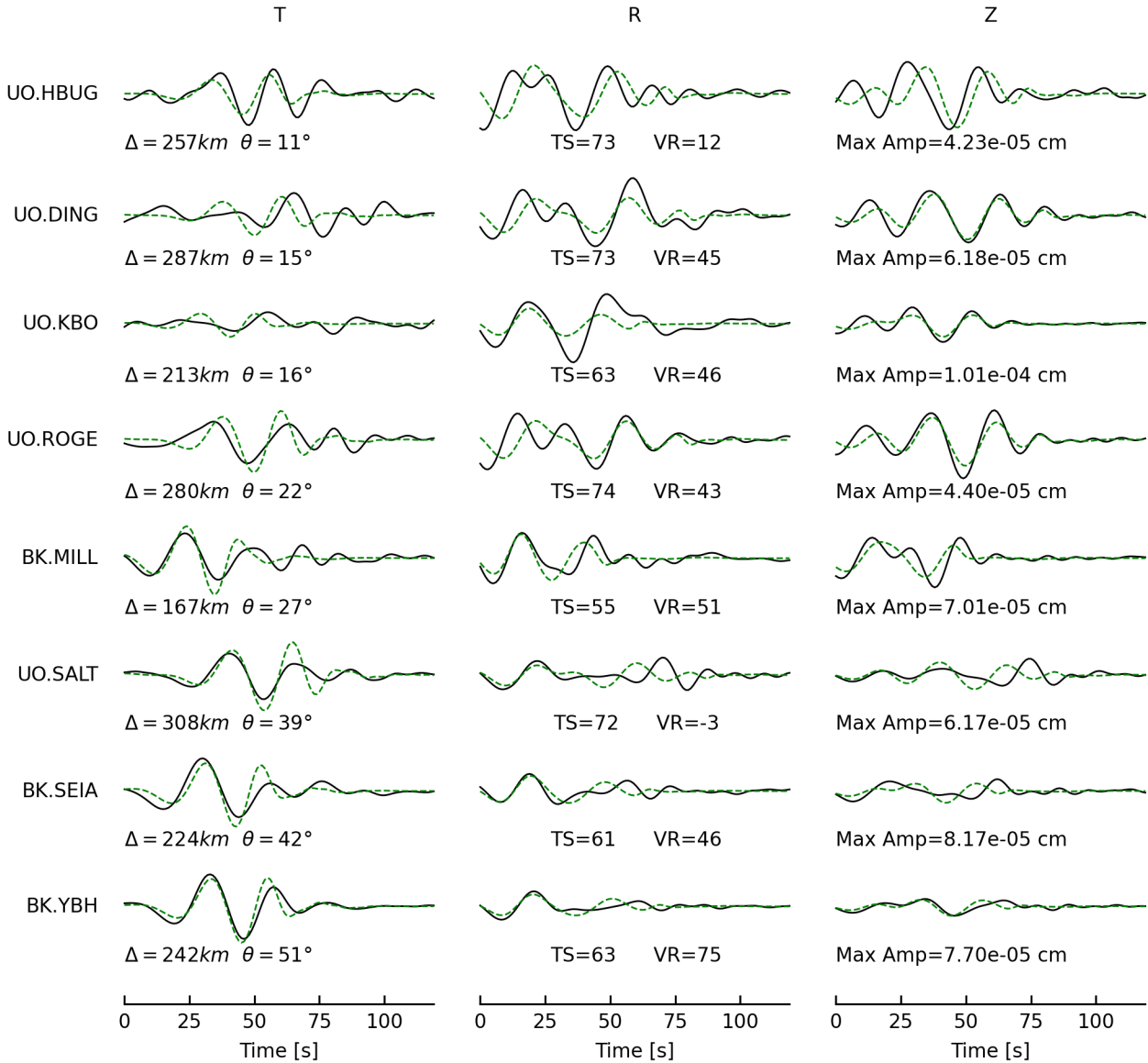
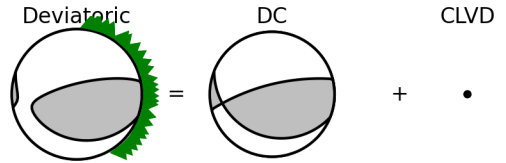
M0 = 2.73e+22 dyne-cm

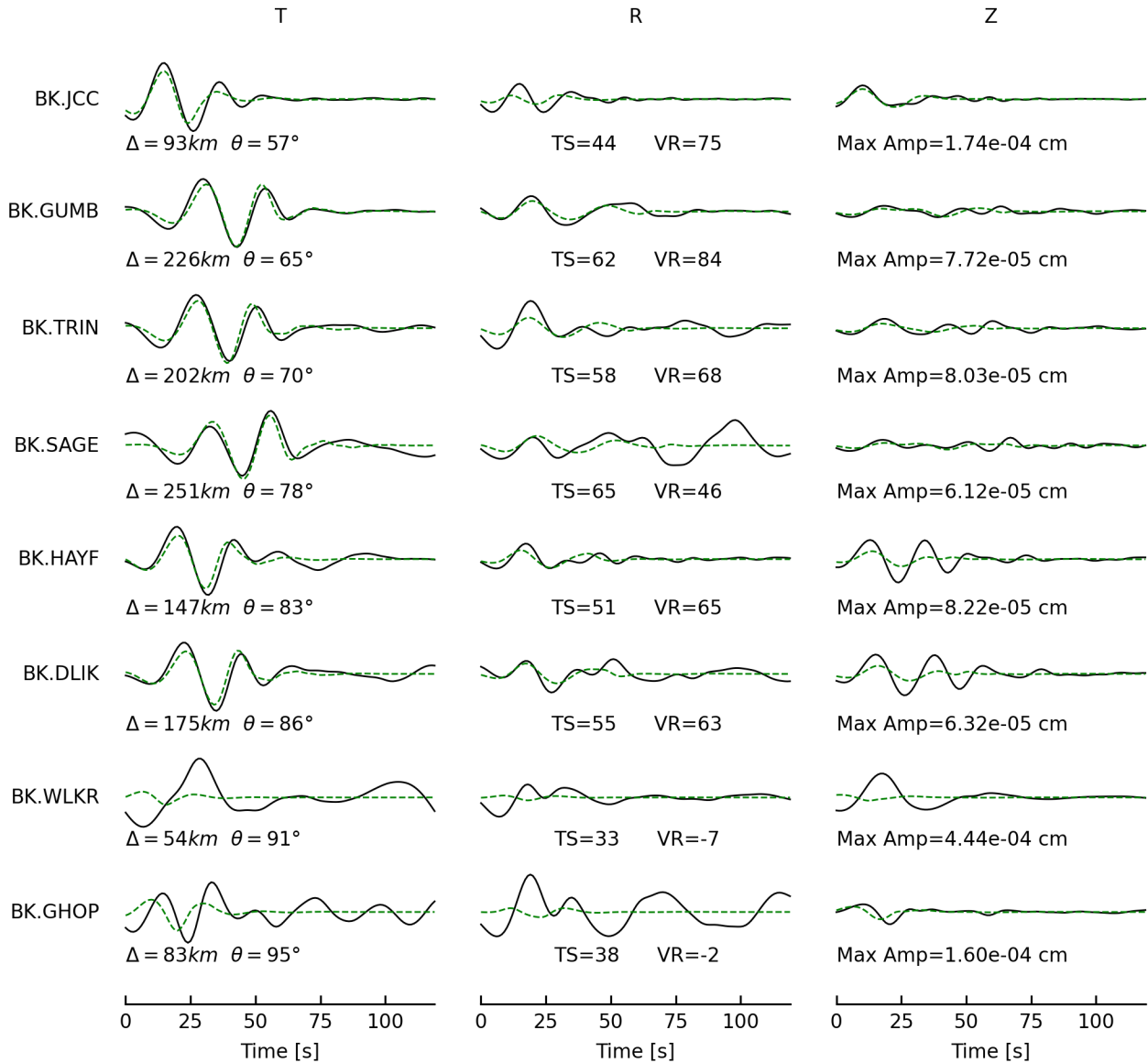
Percent DC/CLVD/ISO = 96/4/0

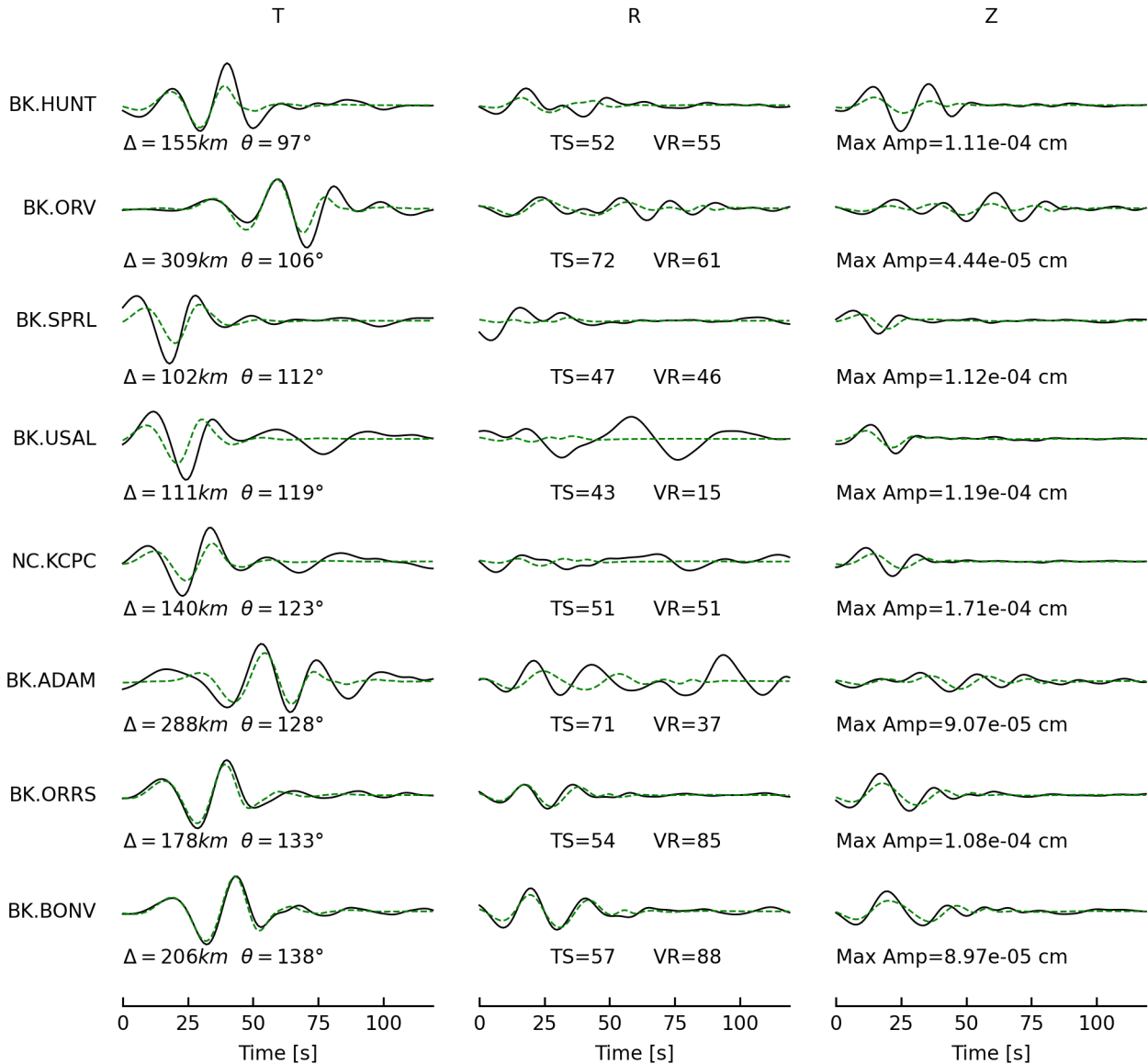
sdr = (256,72,77) (112,22,124)

npts = 120 vred = 7.692 km/s

VR = 36.70% lune:-1,0

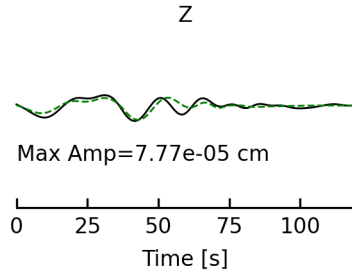
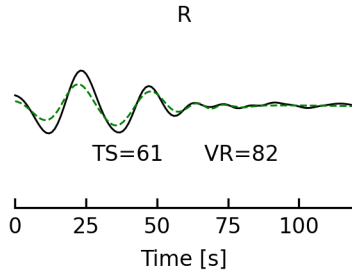
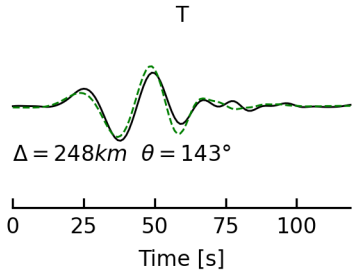








BK.HRCH



# Deviatoric Moment Tensor Inversion

Evid = 75099566

Depth = 6.0 km

Mw = 4.23

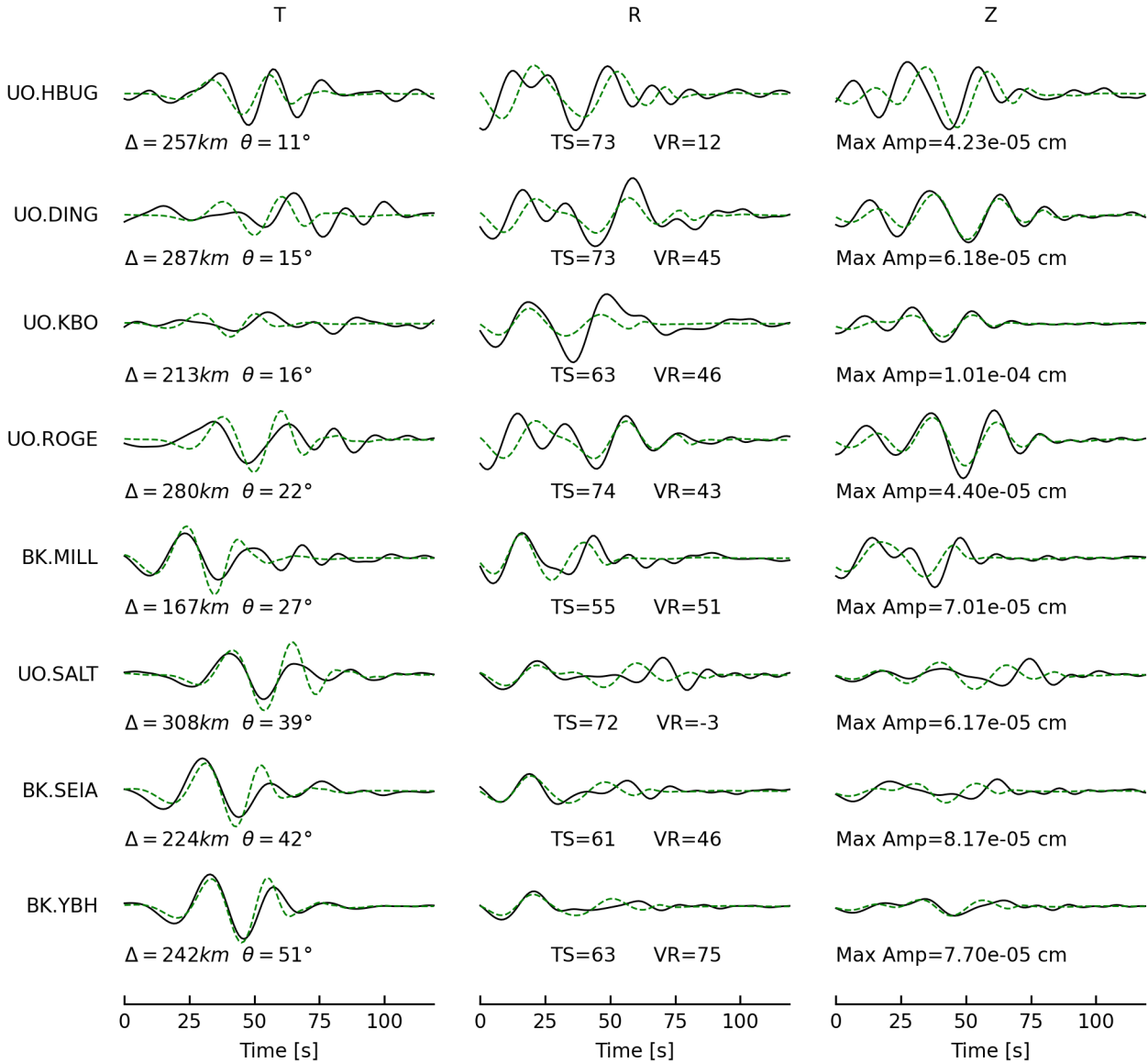
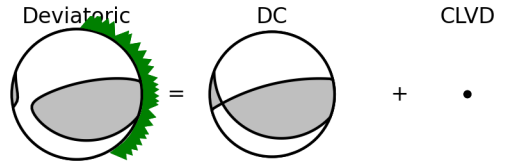
M0 = 2.73e+22 dyne-cm

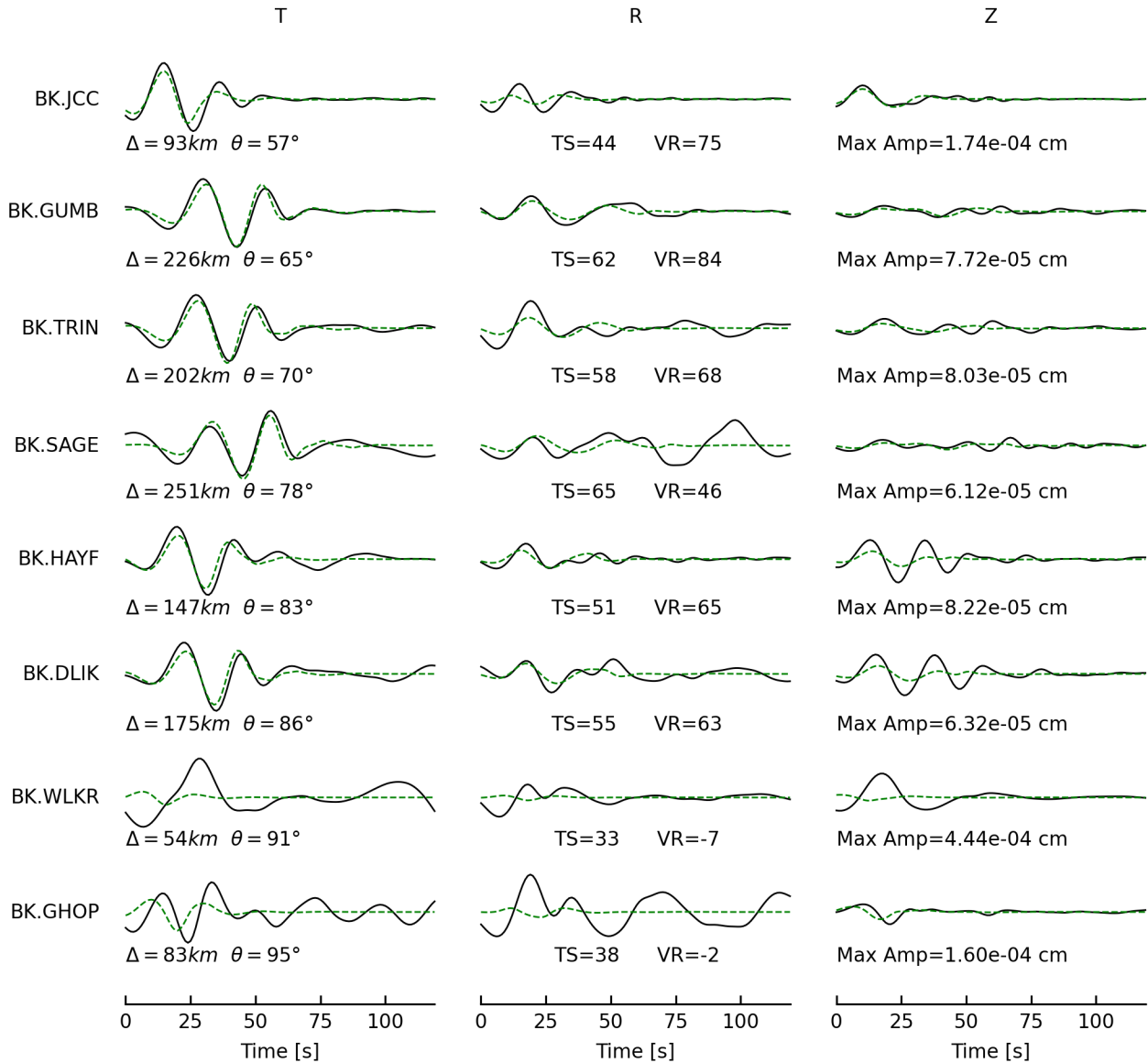
Percent DC/CLVD/ISO = 96/4/0

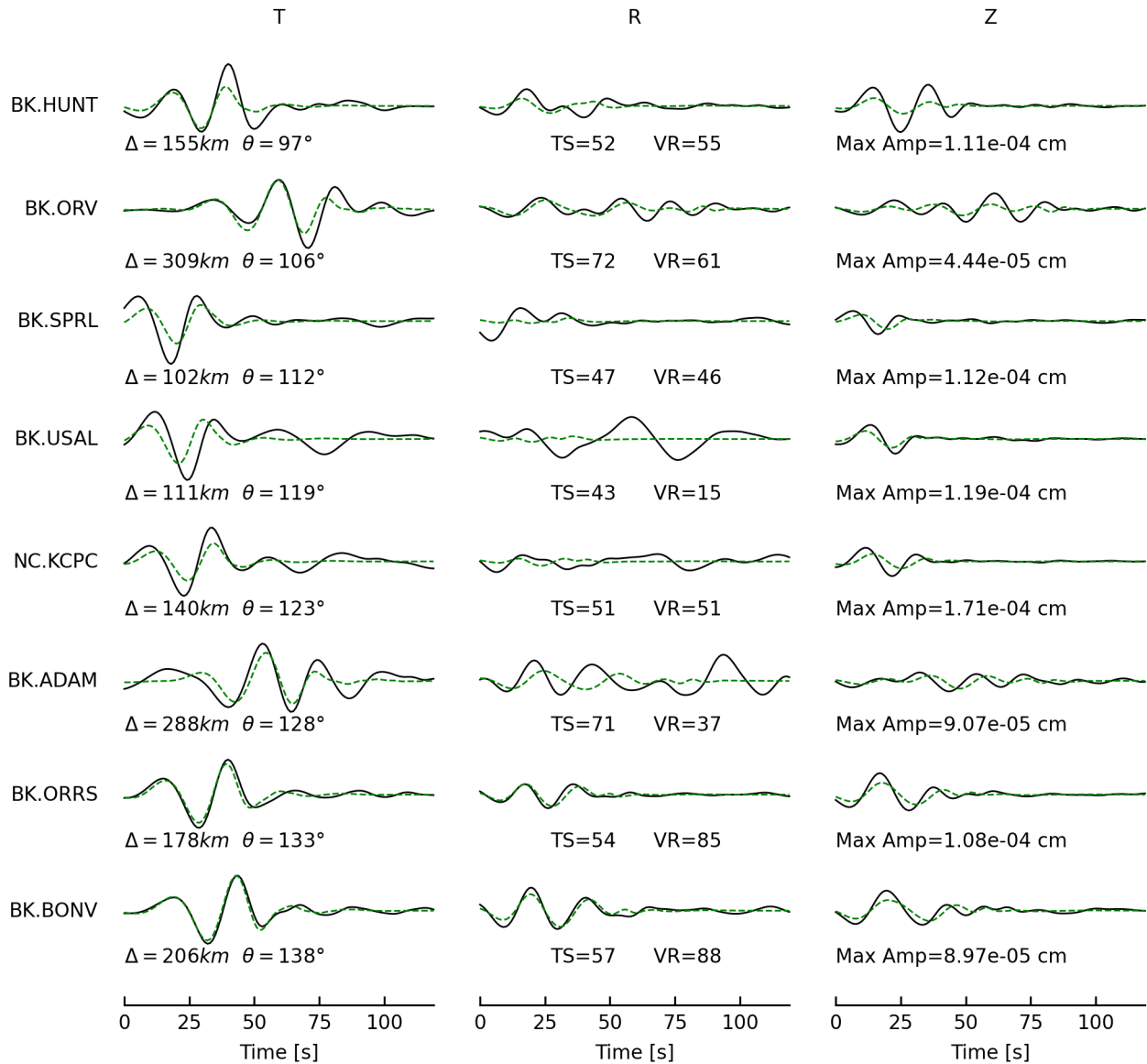
sdr = (256,72,77) (112,22,124)

npts = 120 vred = 7.692 km/s

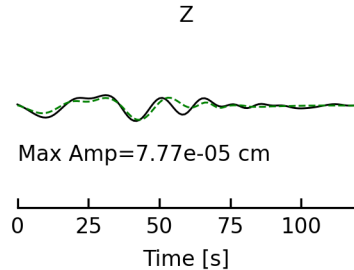
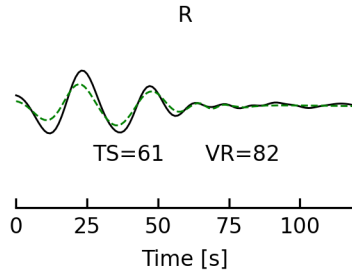
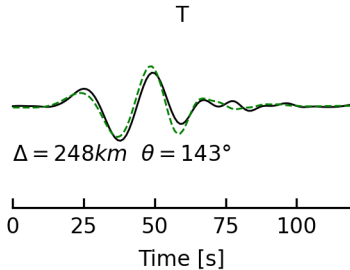
VR = 36.70% lune:-1,0







BK.HRCH



# Deviatoric Moment Tensor Inversion

Evid = 75099936

Depth = 17.0 km

Mw = 3.87

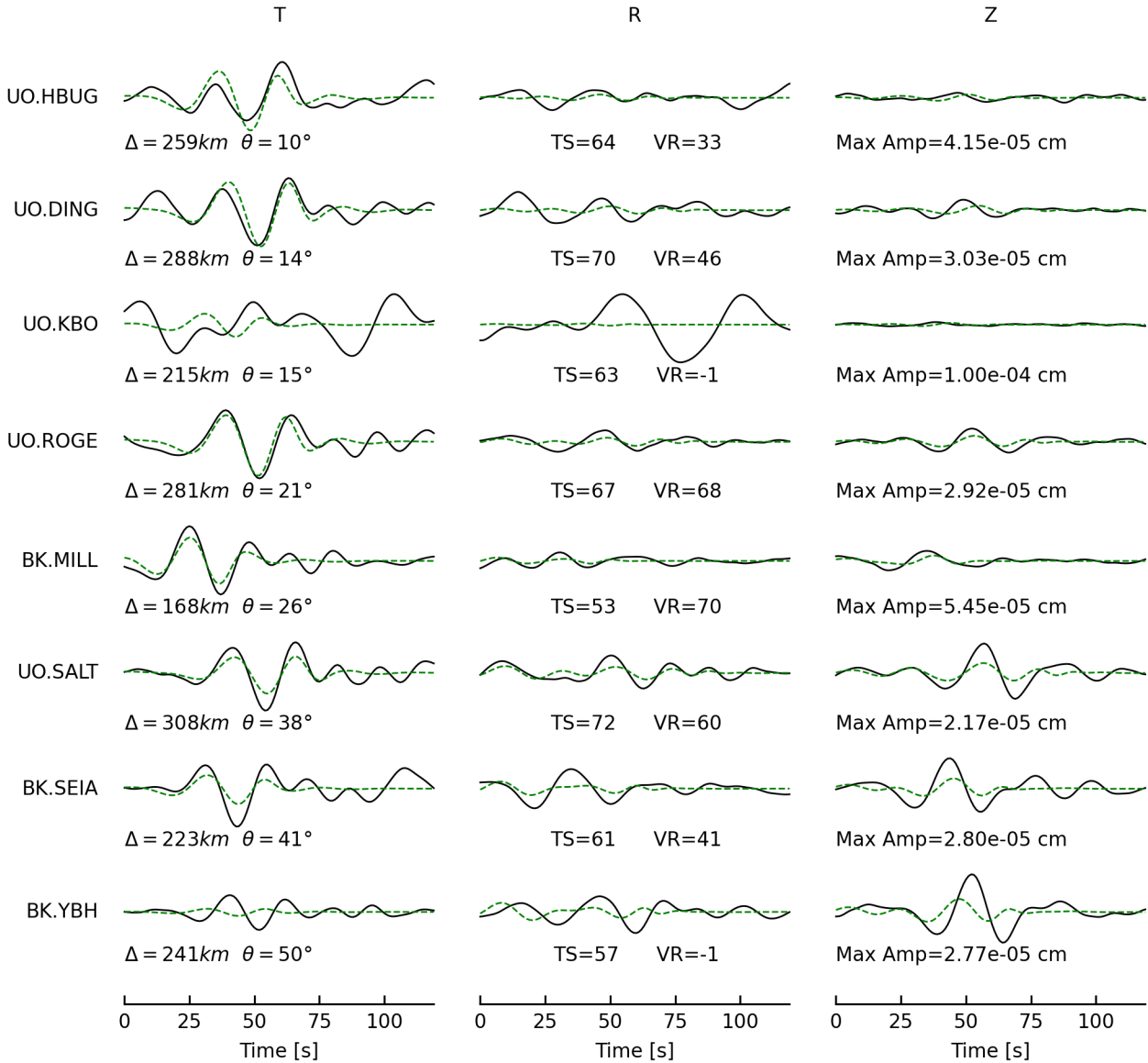
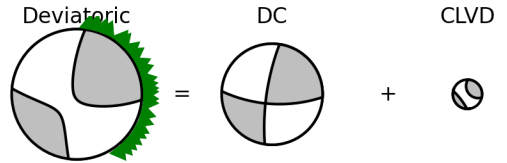
M0 = 7.82e+21 dyne-cm

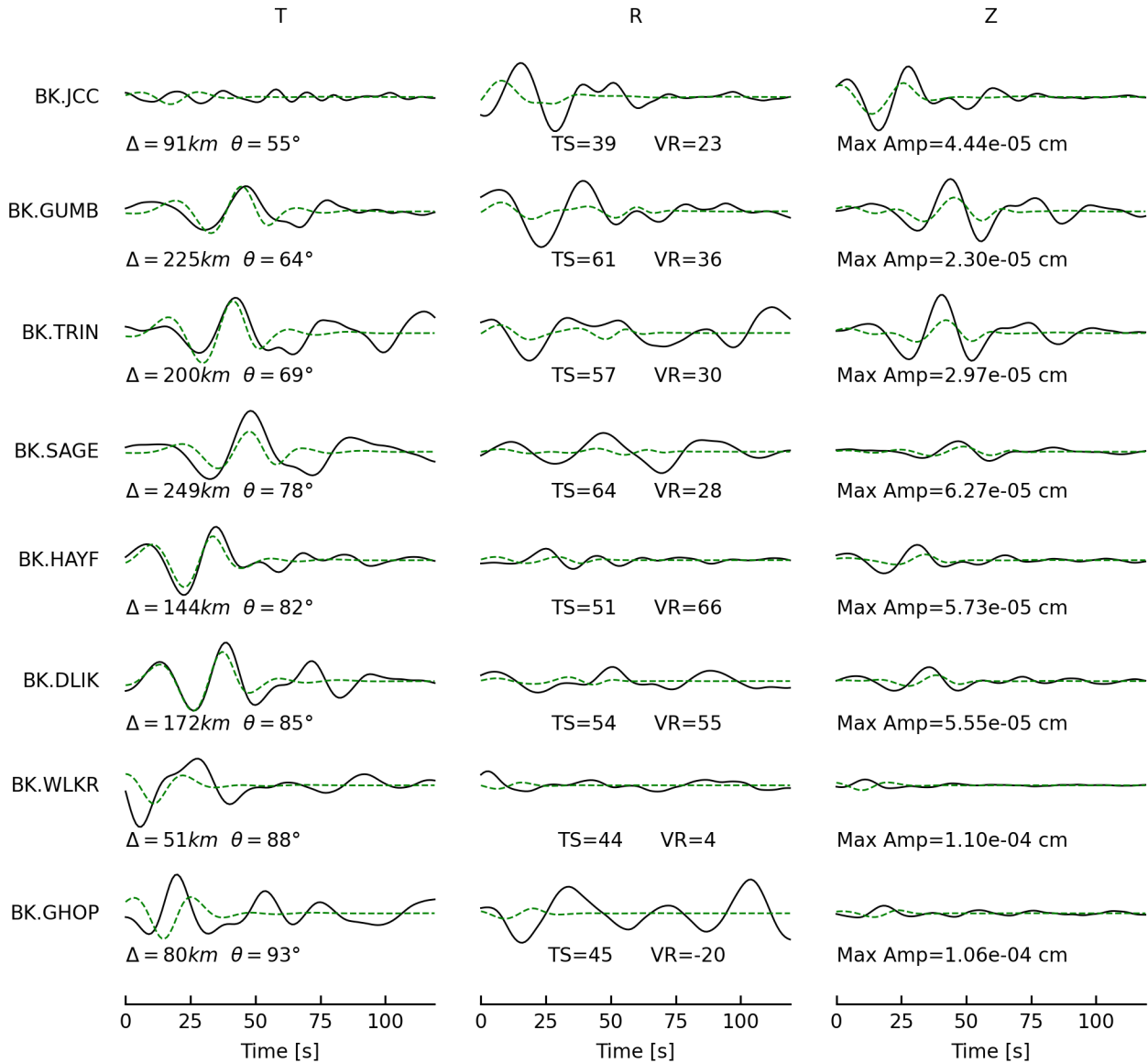
Percent DC/CLVD/ISO = 78/22/0

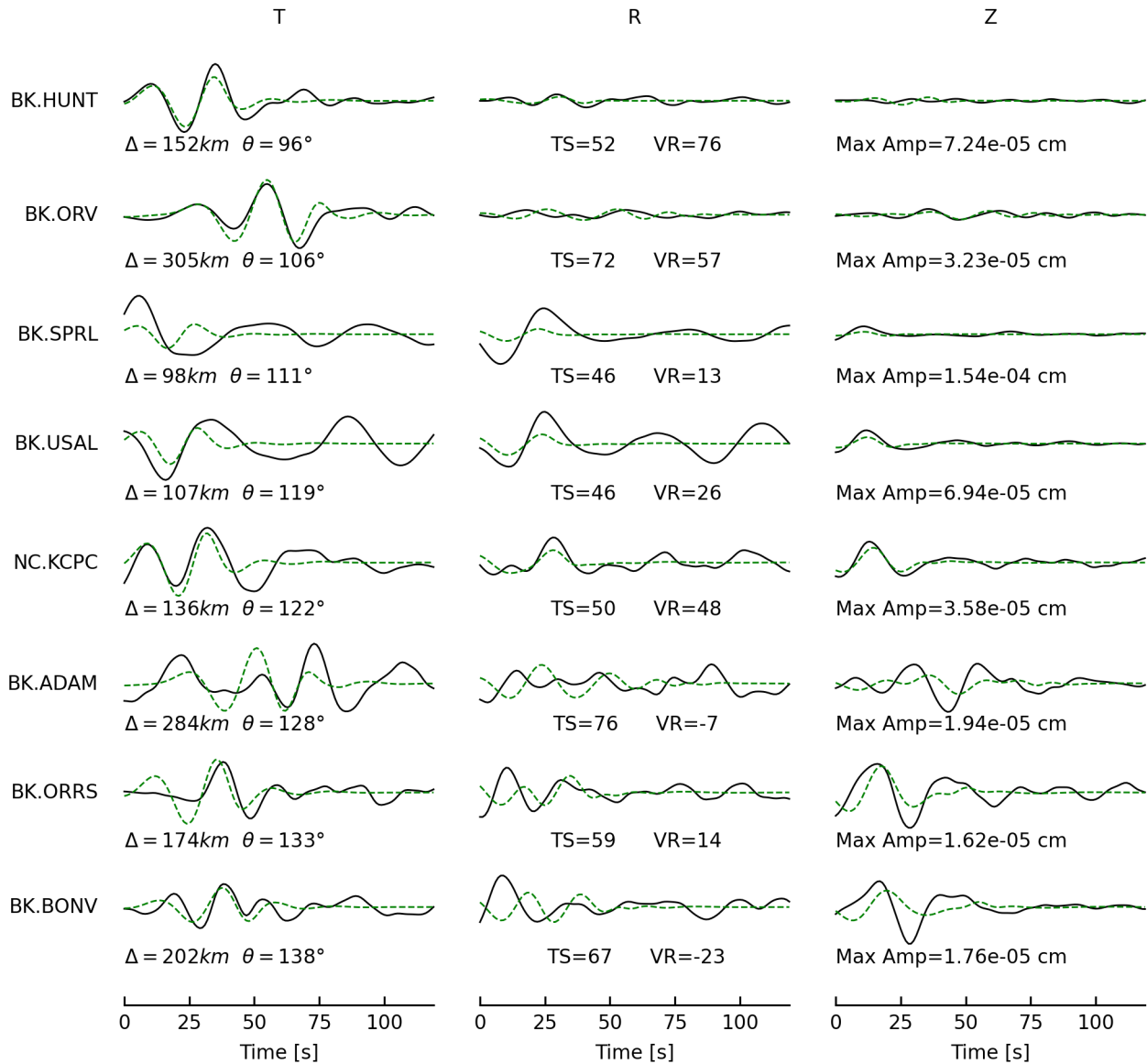
sdr = (93,68,167) (188,78,22)

npts = 120 vred = 7.692 km/s

VR = 16.09% lune:-6,0

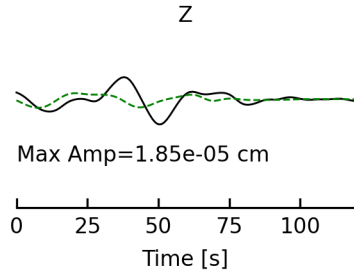
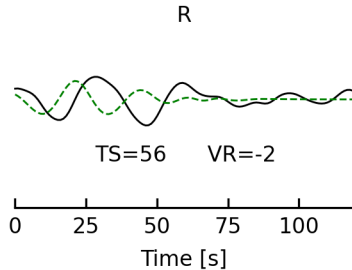
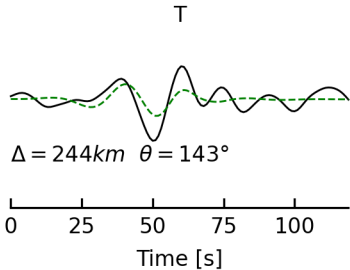








BK.HRCH



# Deviatoric Moment Tensor Inversion

Evid = 75099936

Depth = 16.0 km

Mw = 3.84

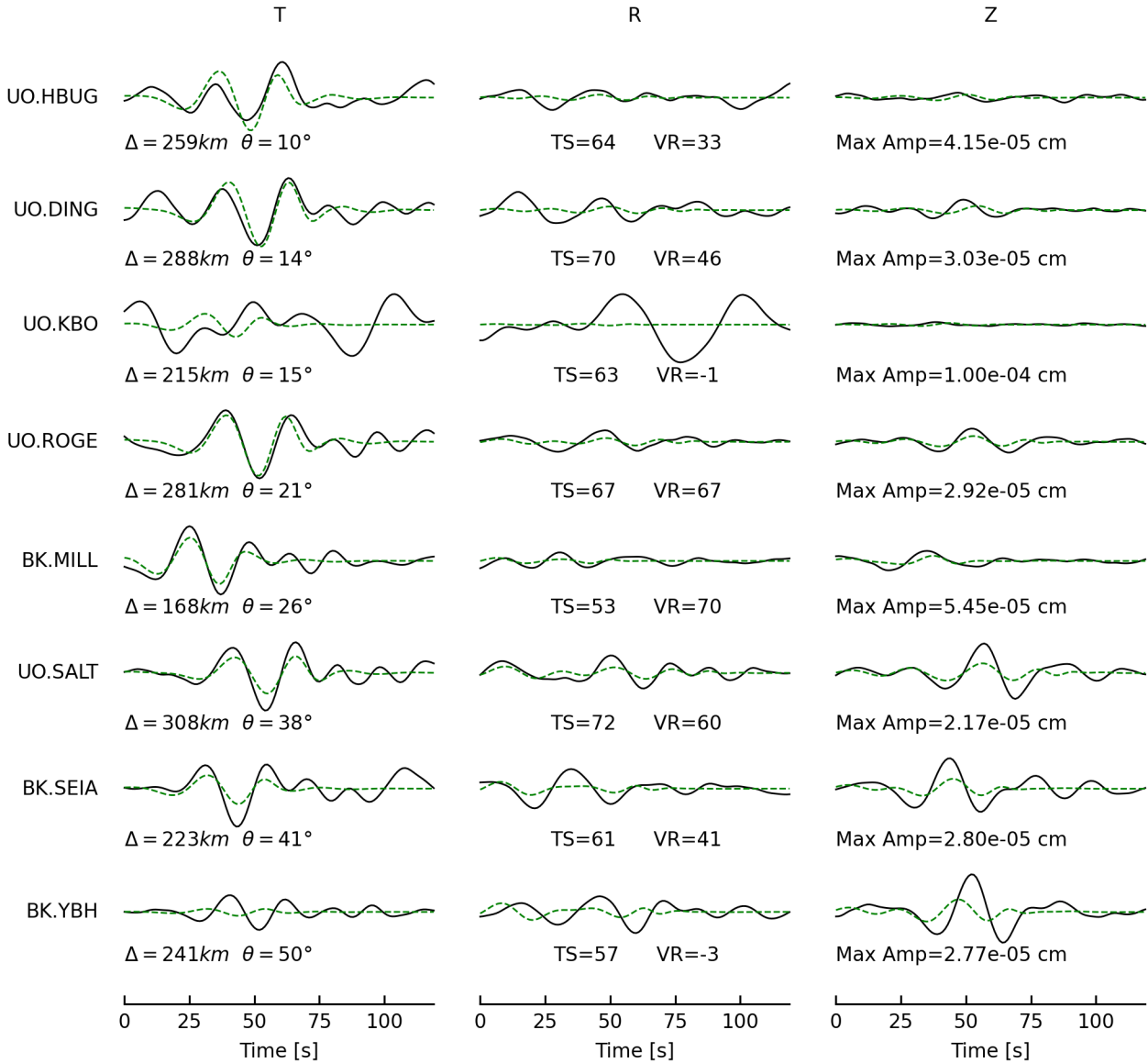
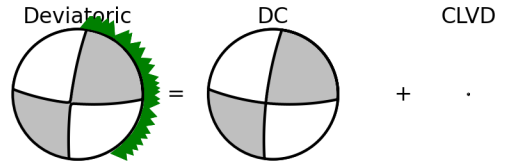
M0 = 7.13e+21 dyne-cm

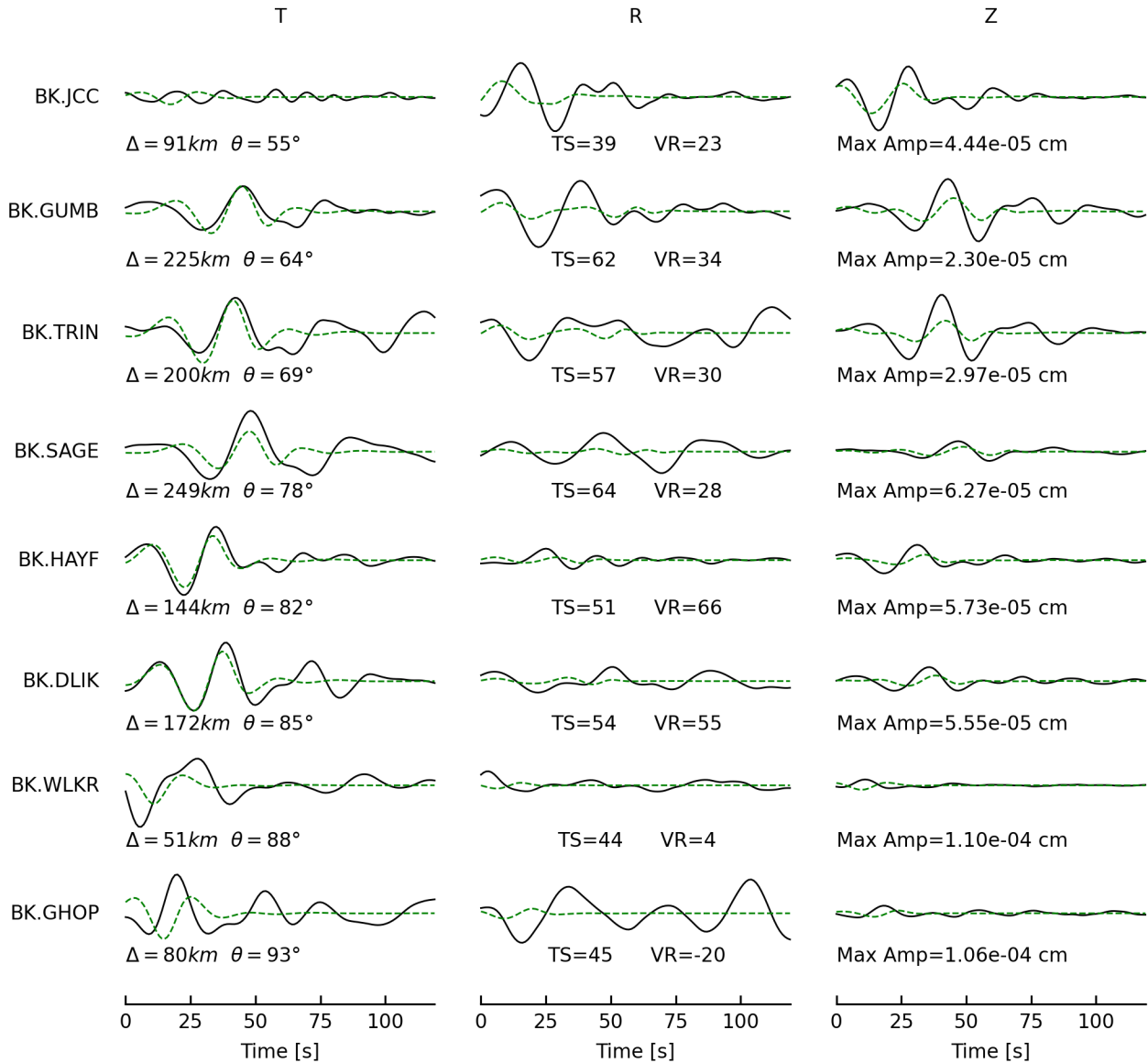
Percent DC/CLVD/ISO = 100/0/0

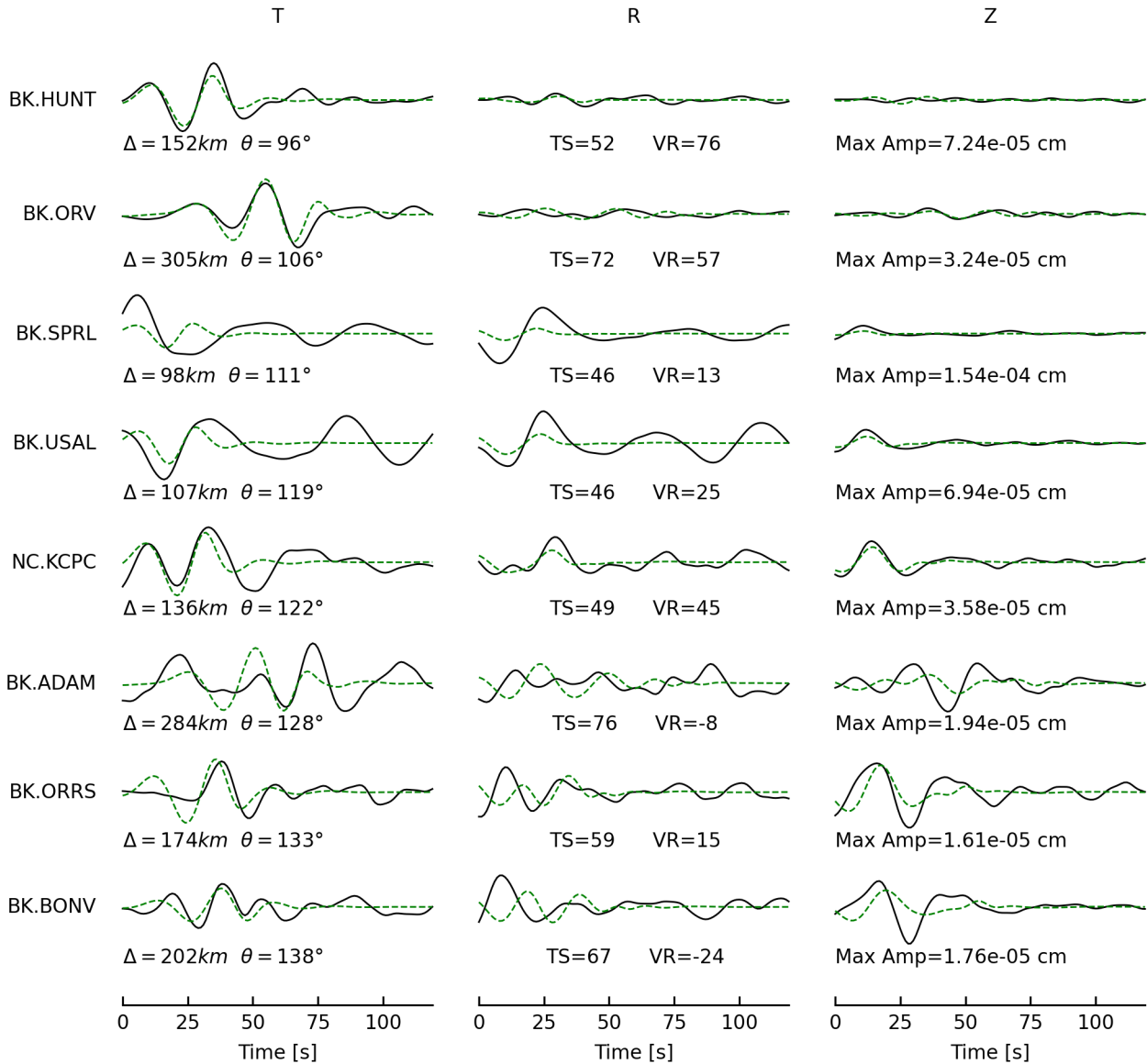
sdr = (94,73,169) (188,79,17)

npts = 120 vred = 7.692 km/s

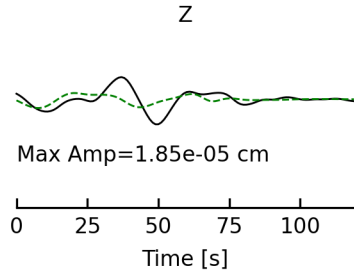
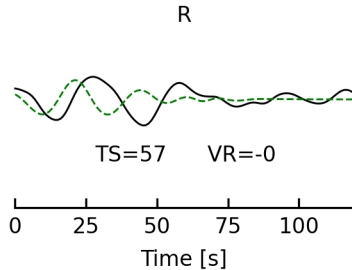
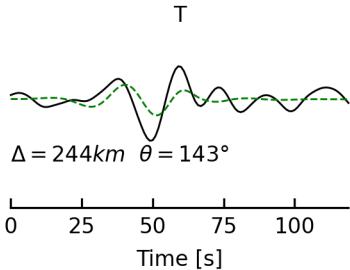
VR = 16.01% lune:0,0







BK.HRCH



# Deviatoric Moment Tensor Inversion

Evid = 75099986

Depth = 3.0 km

Mw = 3.63

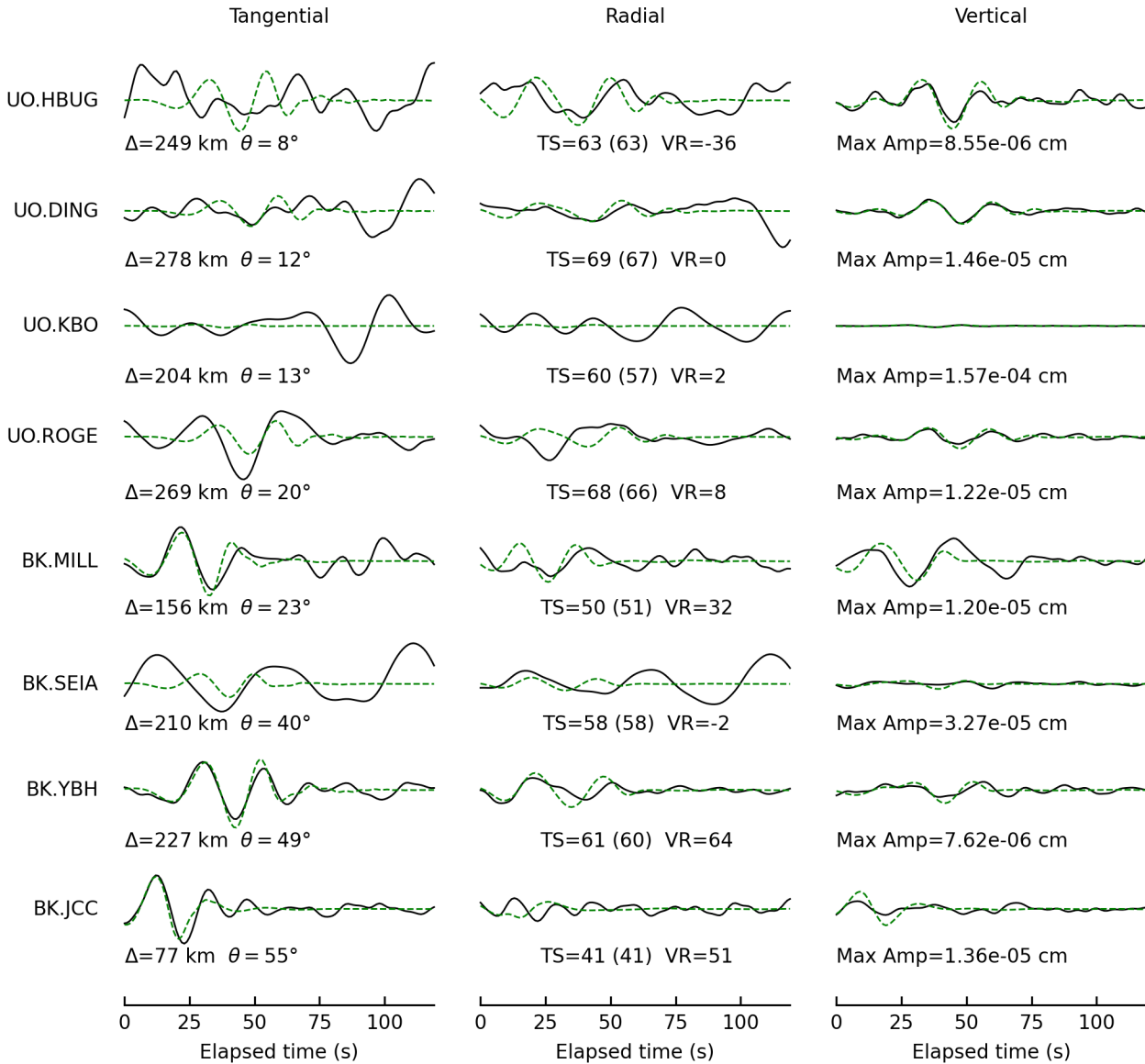
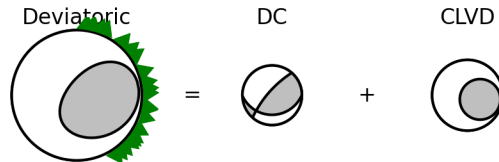
M0 = 3.42e+21 dyne-cm

Percent DC/CLVD/ISO = 46/54/0

sdr = (221,74,73) (89,23,136)

npts = 120 vred = 7.692 km/s

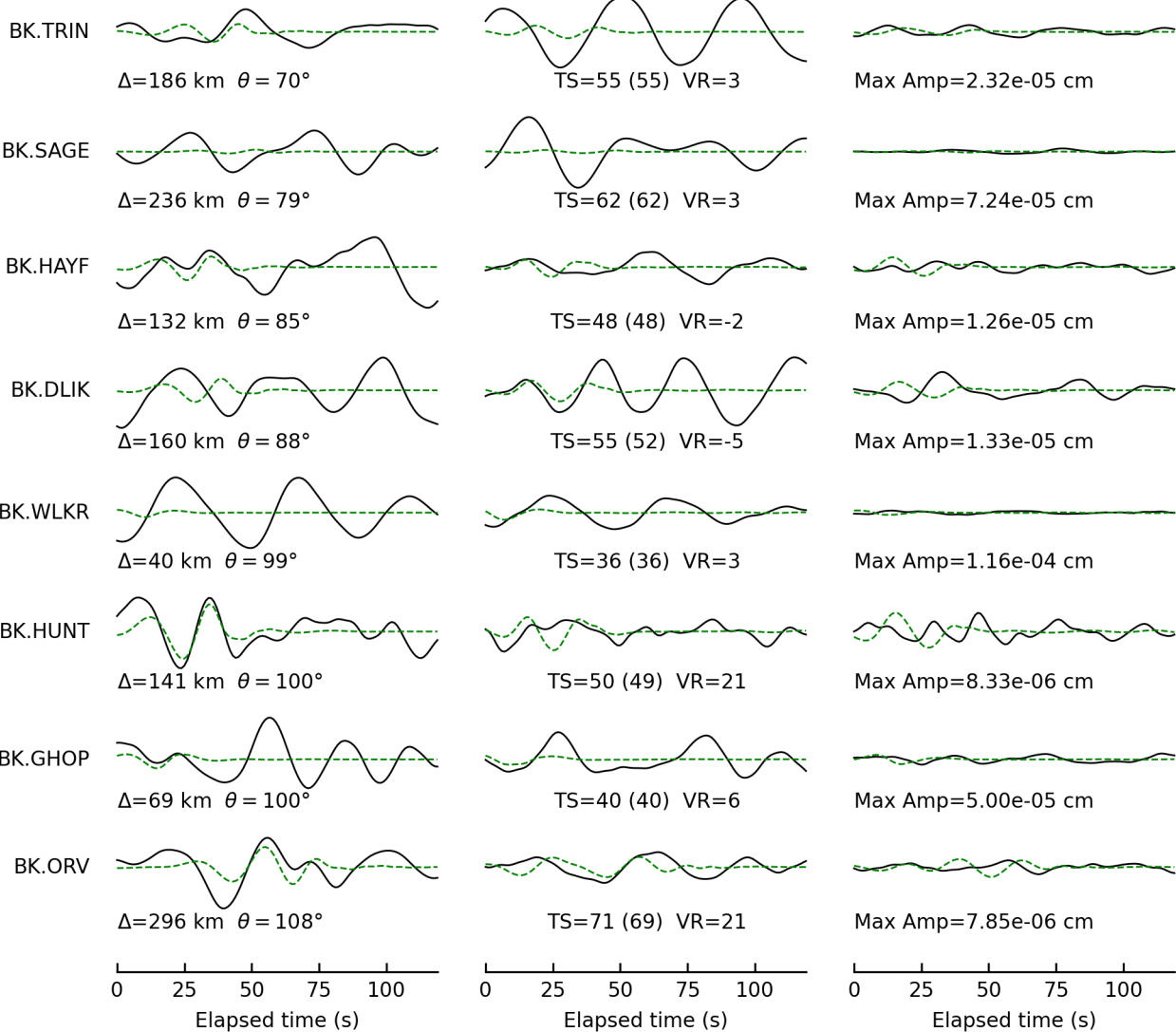
VR = 2.12% lune:-15,0



Tangential

Radial

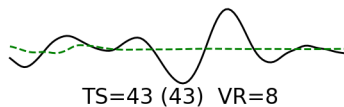
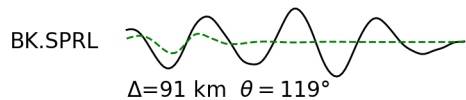
Vertical



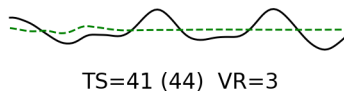
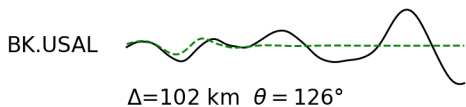
Tangential

Radial

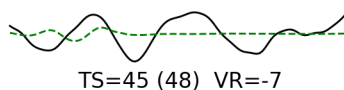
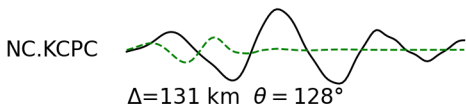
Vertical



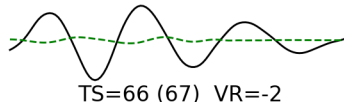
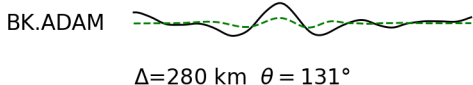
Max Amp=4.51e-05 cm



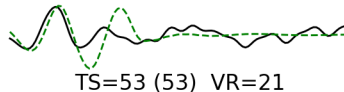
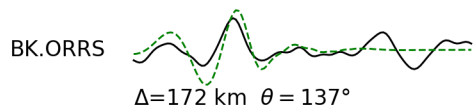
Max Amp=5.01e-05 cm



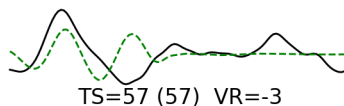
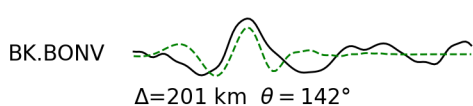
Max Amp=3.33e-05 cm



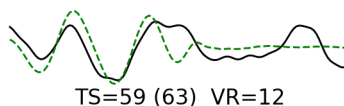
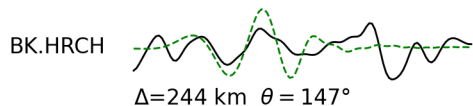
Max Amp=4.52e-05 cm



Max Amp=8.97e-06 cm



Max Amp=1.32e-05 cm



Max Amp=6.42e-06 cm

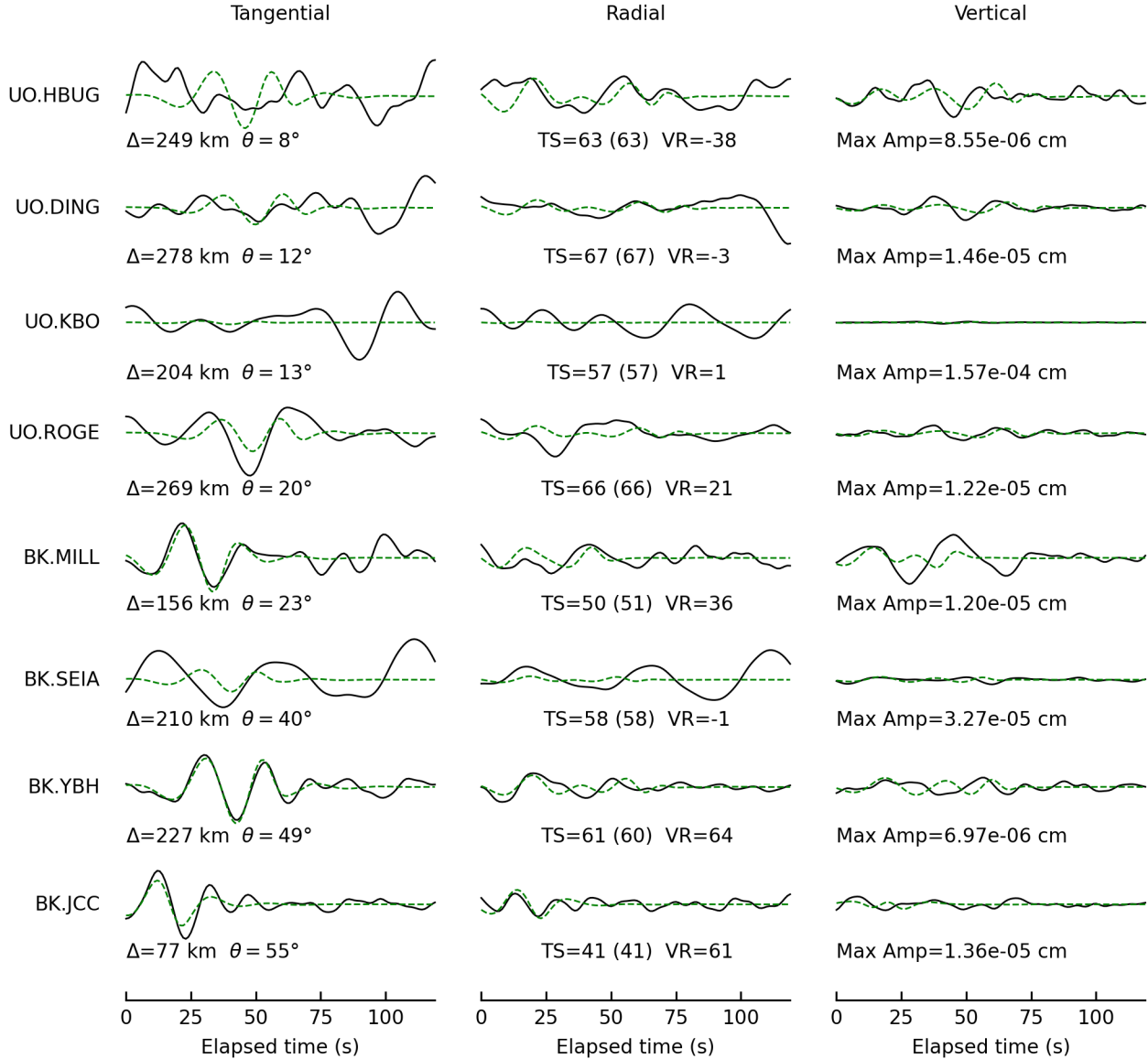
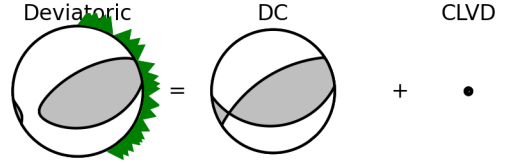
0 25 50 75 100  
 Elapsed time (s)

0 25 50 75 100  
 Elapsed time (s)

0 25 50 75 100  
 Elapsed time (s)



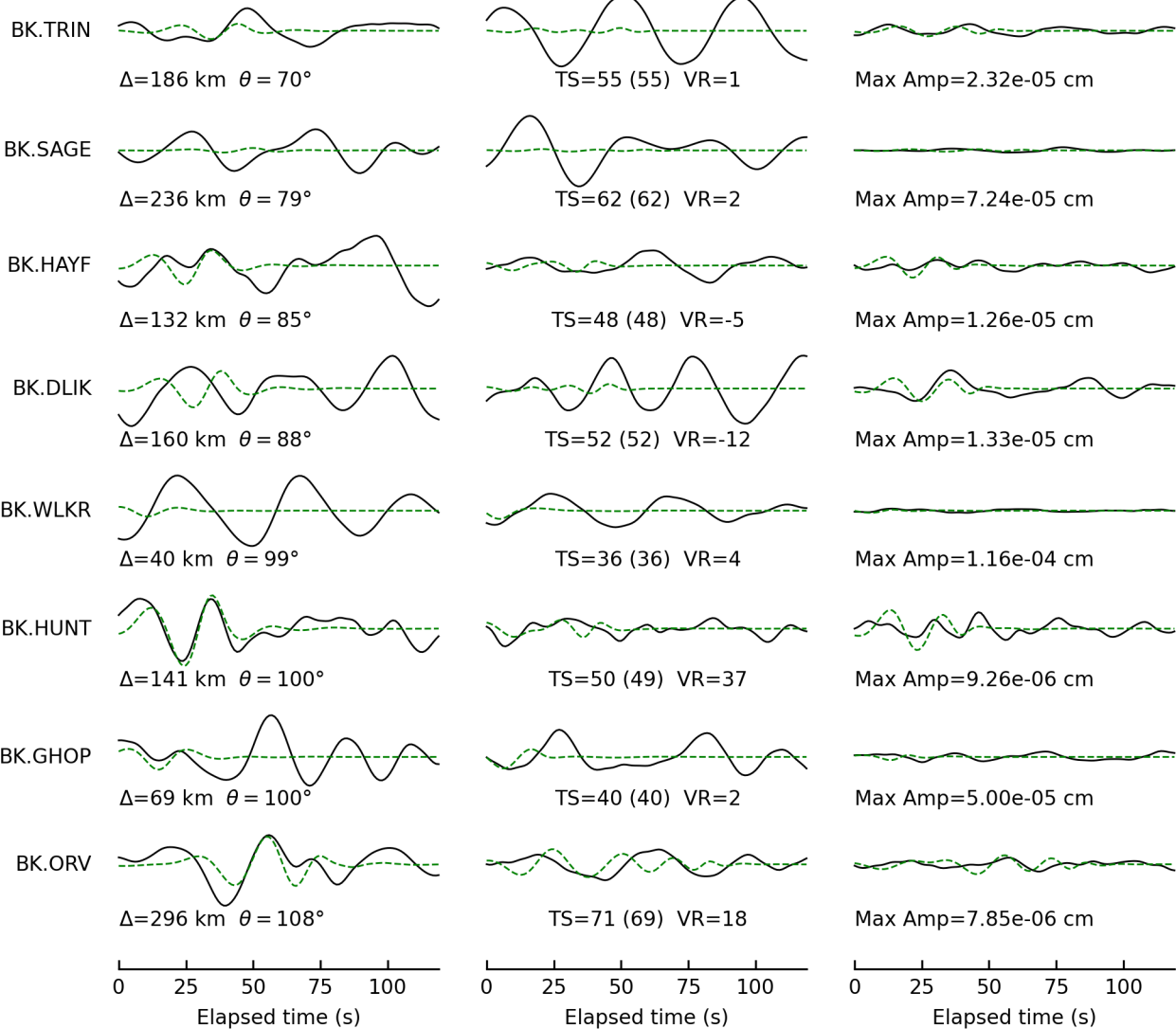
Deviatoric Moment Tensor Inversion  
 Evid = 75099986  
 Depth = 13.0 km  
 Mw = 3.57  
 M0 = 2.83e+21 dyne-cm  
 Percent DC/CLVD/ISO = 95/5/0  
 sdr = (237,62,76) (85,31,115)  
 npts = 120 vred = 7.692 km/s  
 VR = 1.93% lune:-1,0



Tangential

Radial

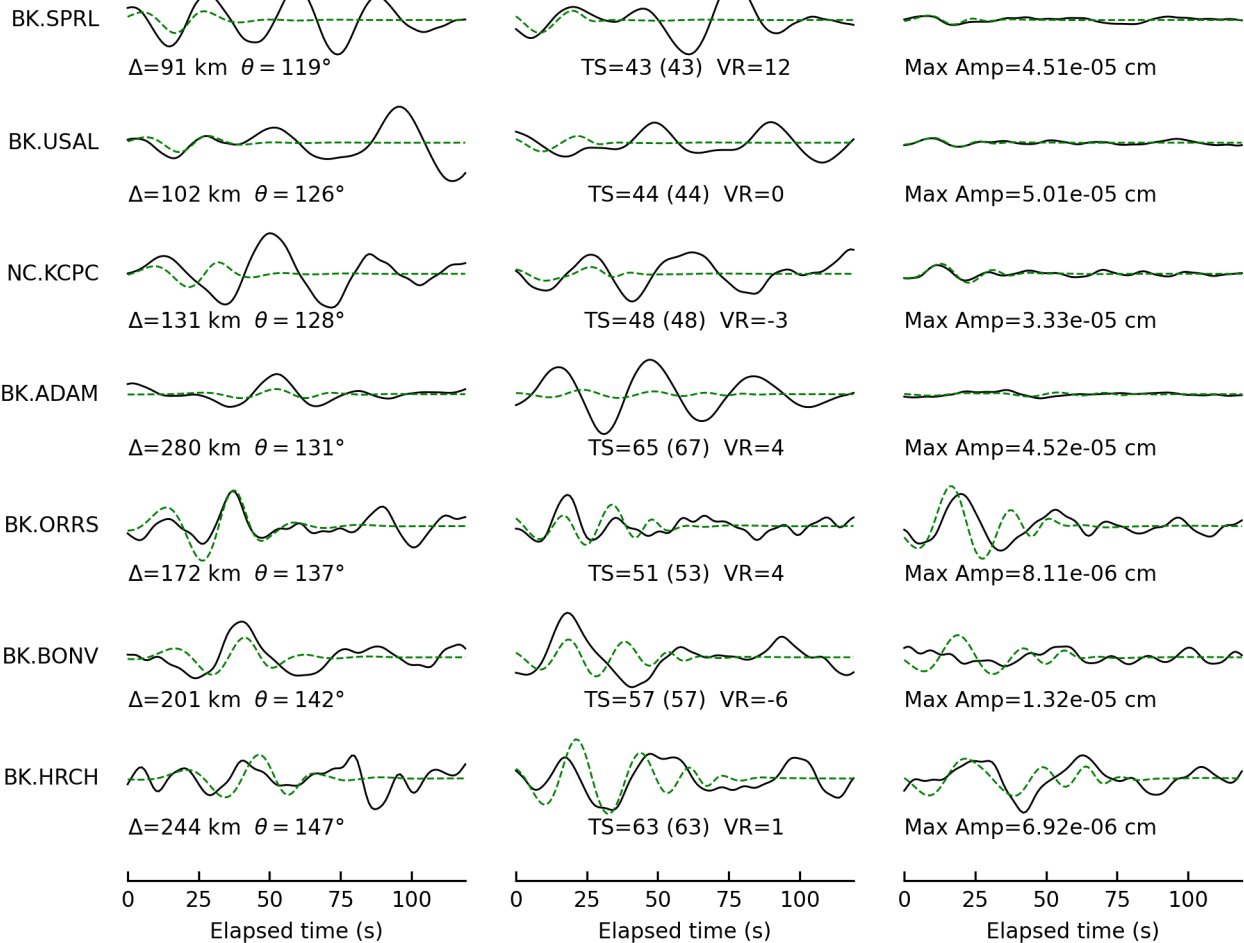
Vertical



Tangential

Radial

Vertical



# Deviatoric Moment Tensor Inversion

Evid = 75100356

Depth = 13.0 km

Mw = 5.67

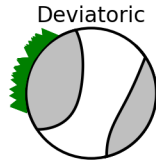
M0 = 4.01e+24 dyne-cm

Percent DC/CLVD/ISO = 35/65/0

sdr = (55,36,-38) (177,69,-120)

npts = 120 vred = 7.692 km/s

VR = 41.21% lune:-19,0



DC

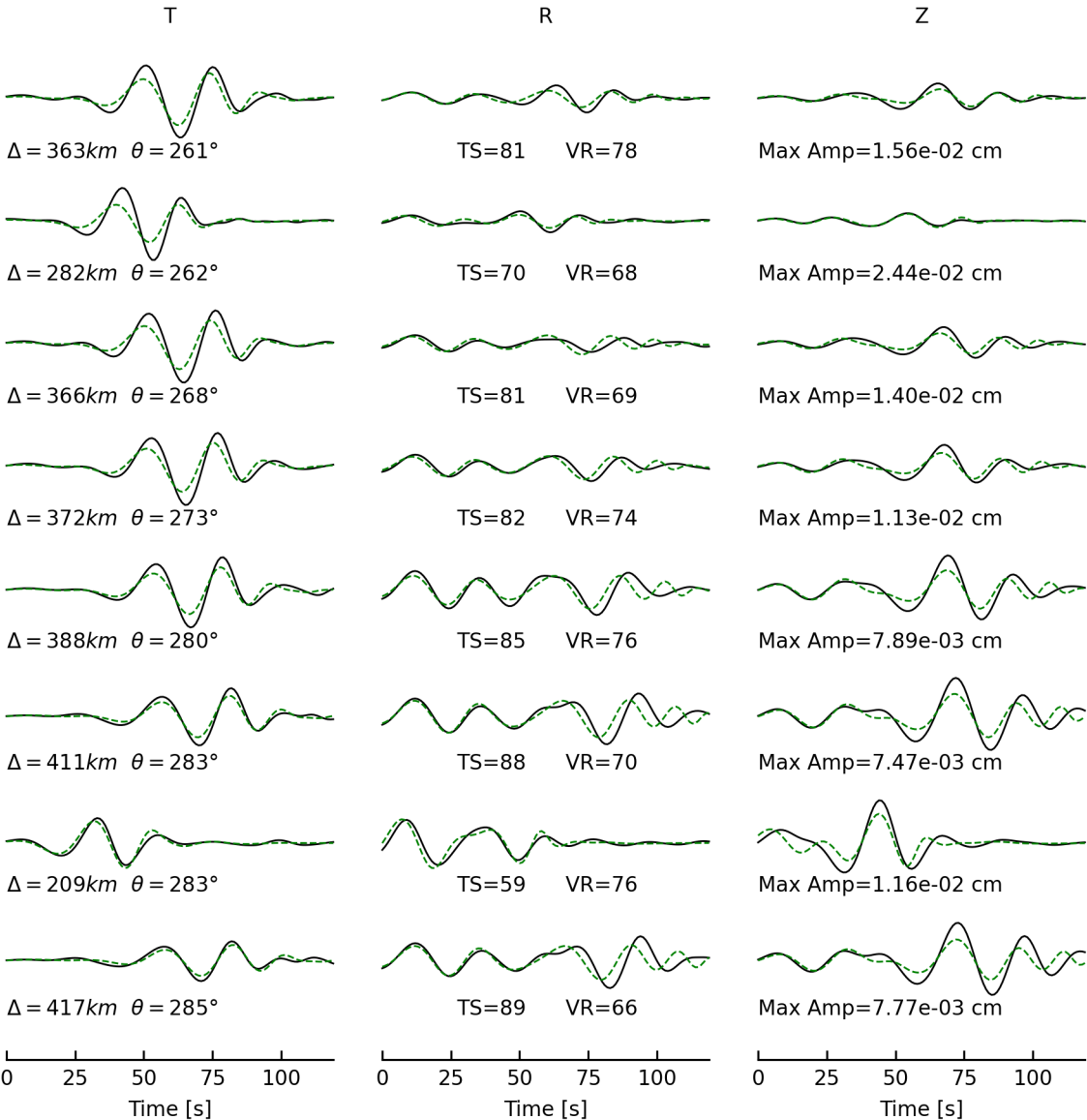


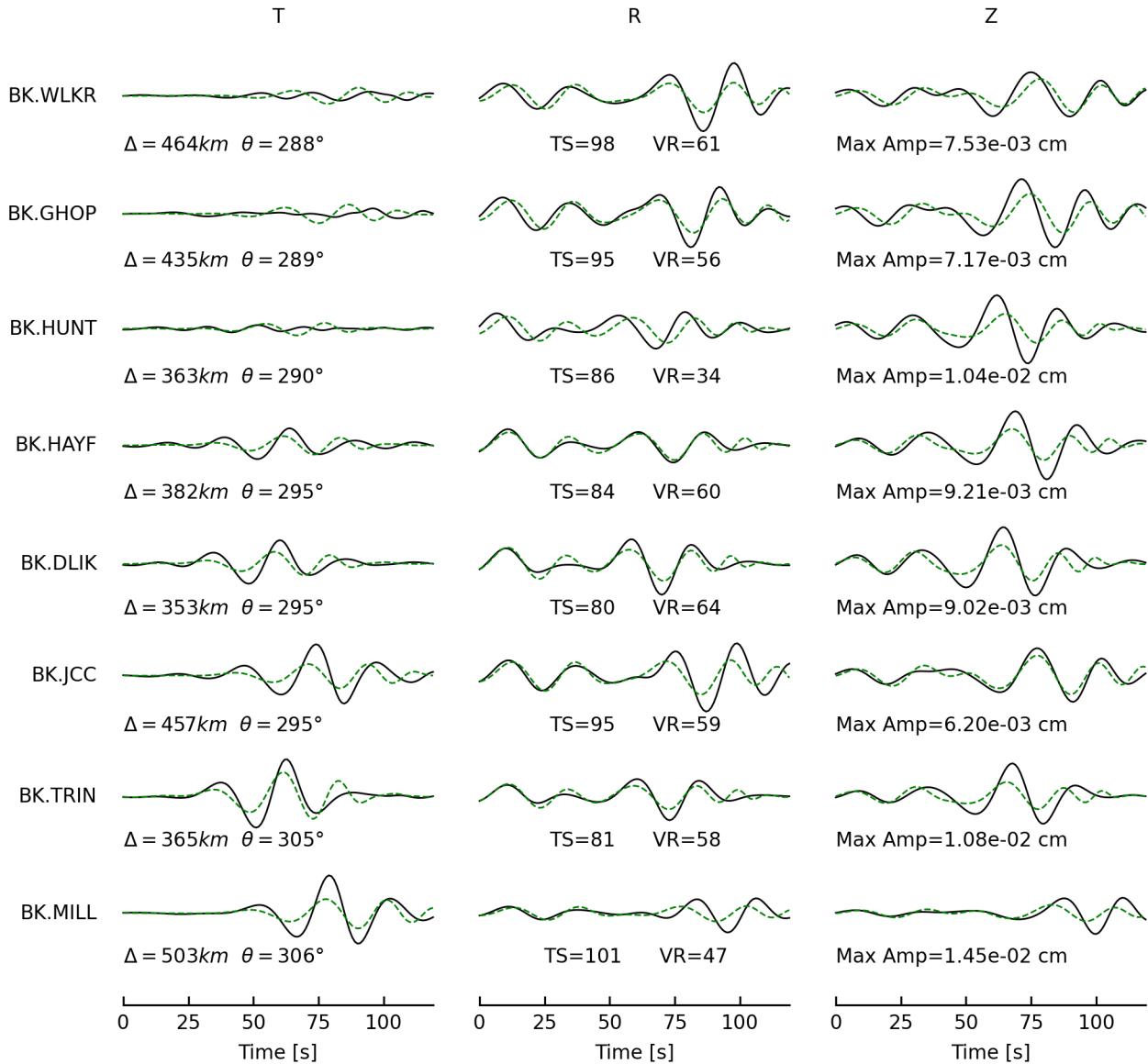
+

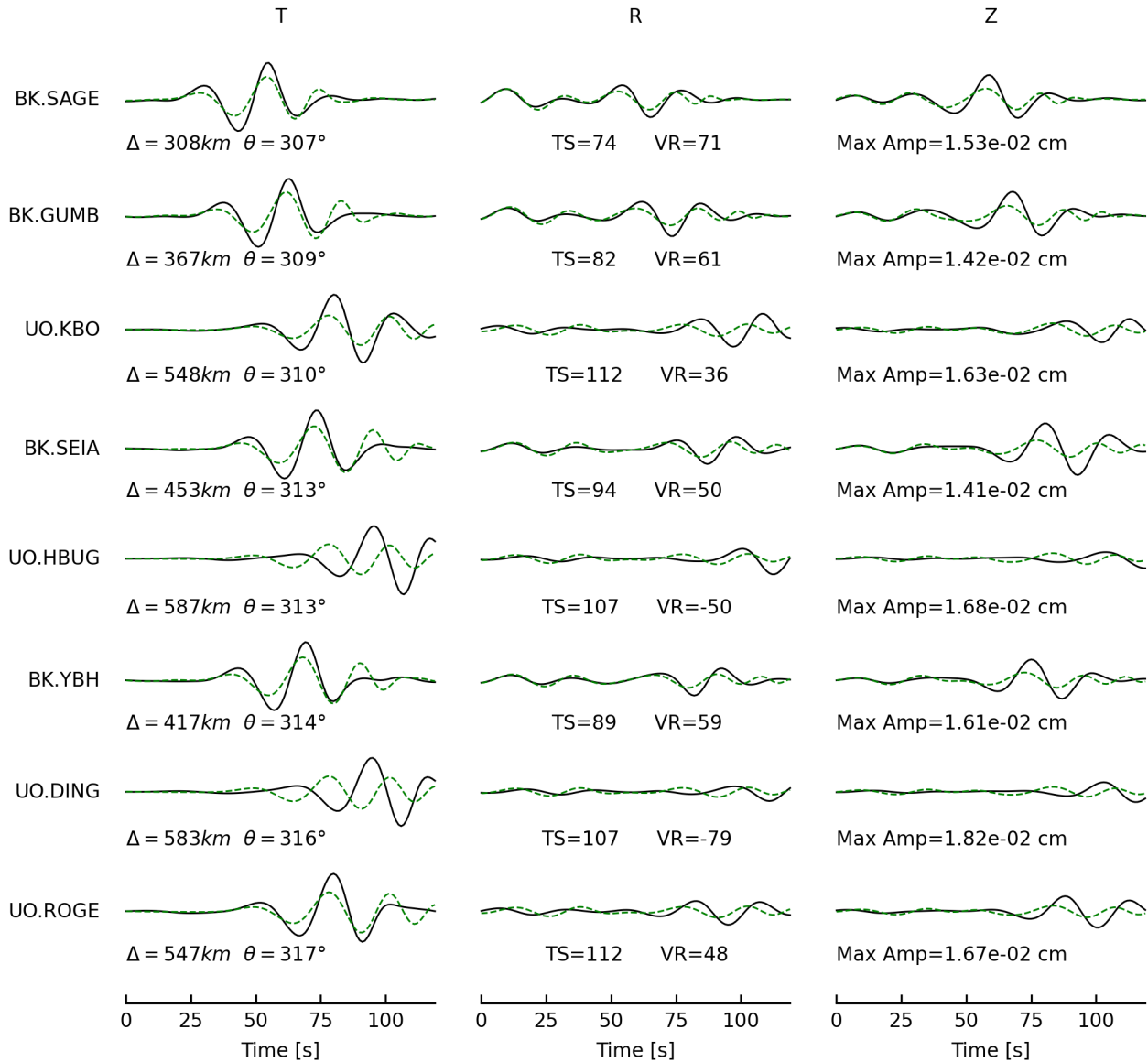
CLVD



=

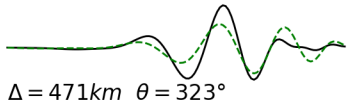




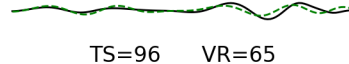


UO.SALT

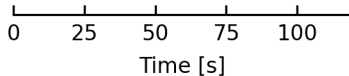
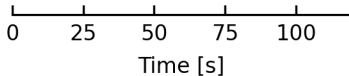
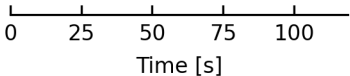
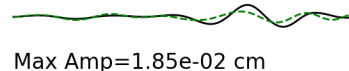
T



R



Z



# Deviatoric Moment Tensor Inversion

Evid = 75100356

Depth = 35.0 km

Mw = 5.79

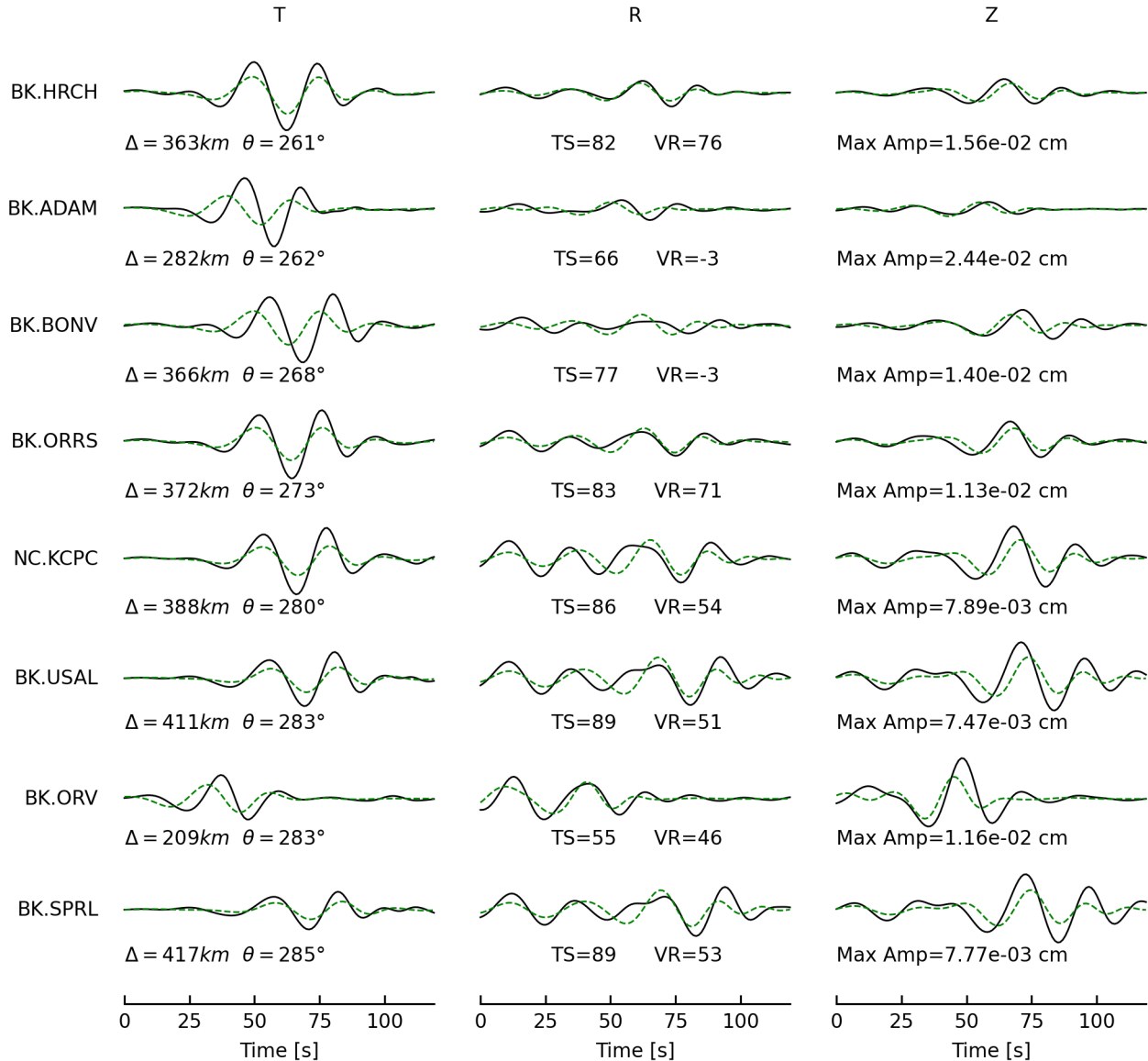
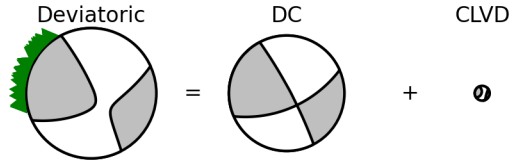
M0 = 6.04e+24 dyne-cm

Percent DC/CLVD/ISO = 89/11/0

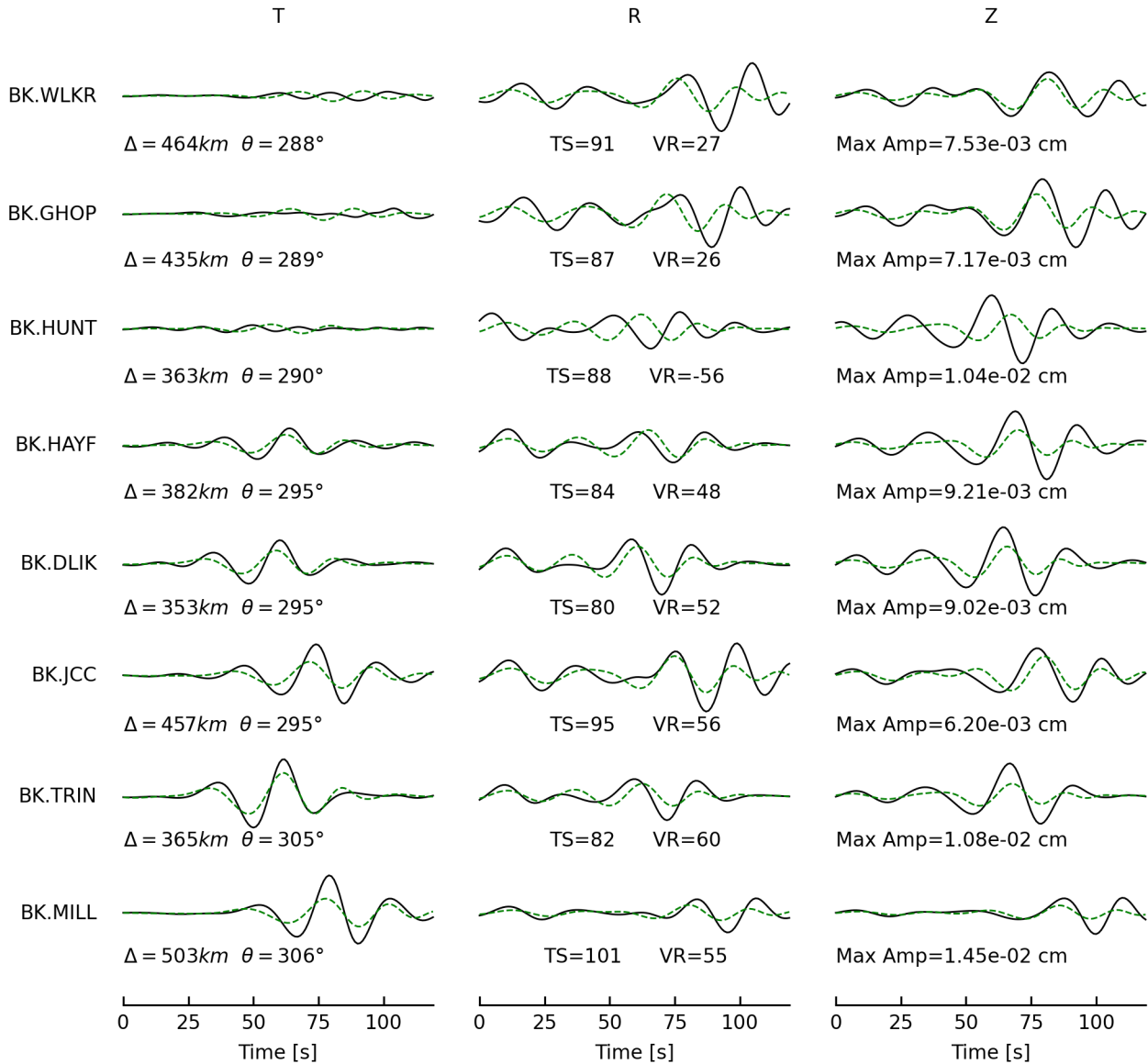
sdr = (66,61,9) (332,83,151)

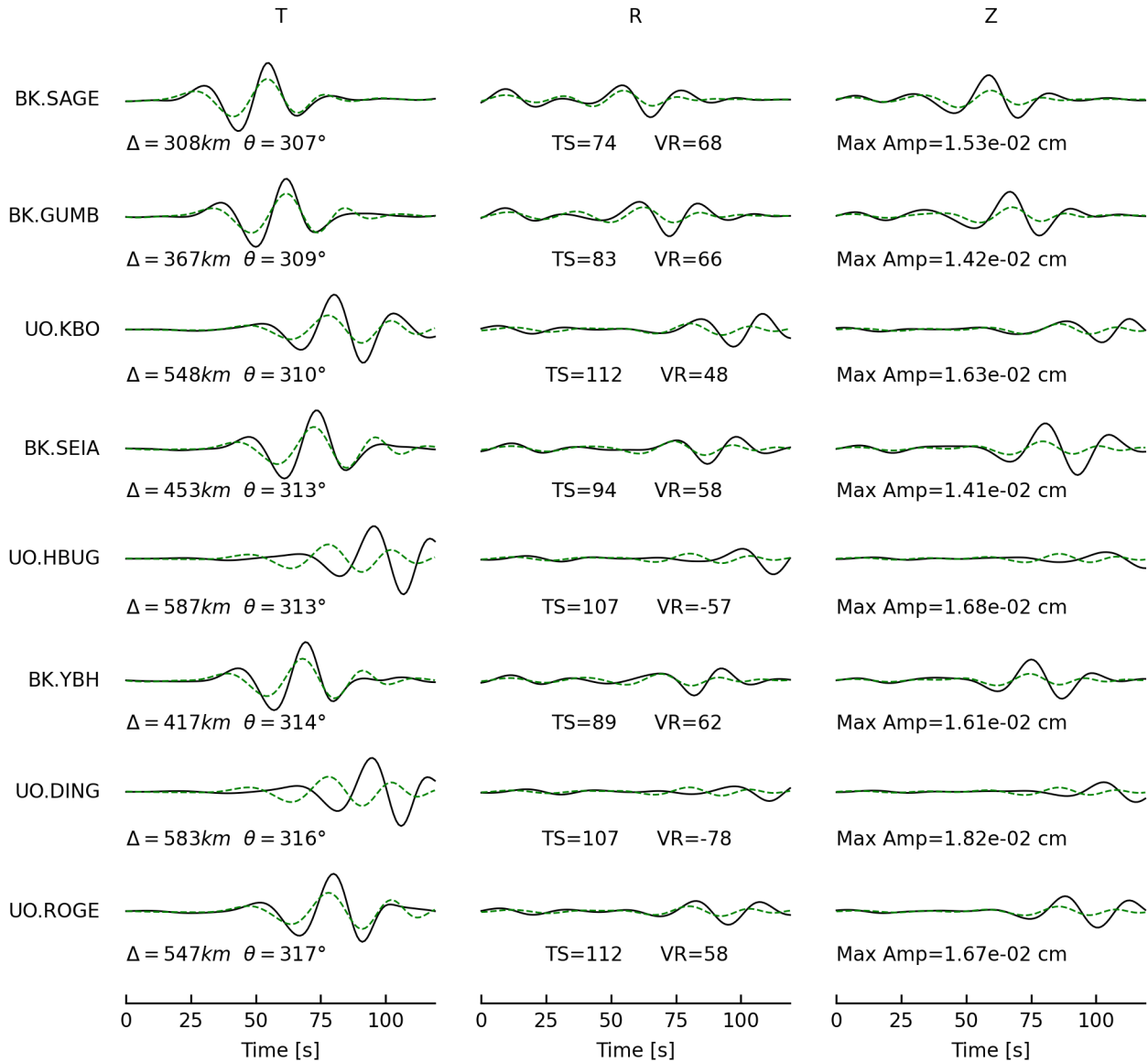
npts = 120 vred = 7.692 km/s

VR = 29.02% lune:-3,0



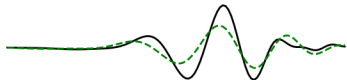




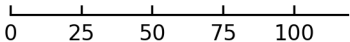


UO.SALT

T



$\Delta = 471km$   $\theta = 323^\circ$

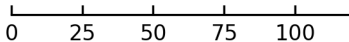


Time [s]

R



TS=96 VR=66

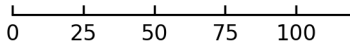


Time [s]

Z



Max Amp=1.85e-02 cm



Time [s]

# Deviatoric Moment Tensor Inversion

Evid = 75100406

Depth = 1.0 km

Mw = 4.05

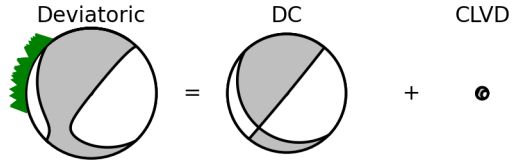
M0 = 1.49e+22 dyne-cm

Percent DC/CLVD/ISO = 91/9/0

sdr = (40,88,107) (135,17,6)

npts = 120 vred = 7.692 km/s

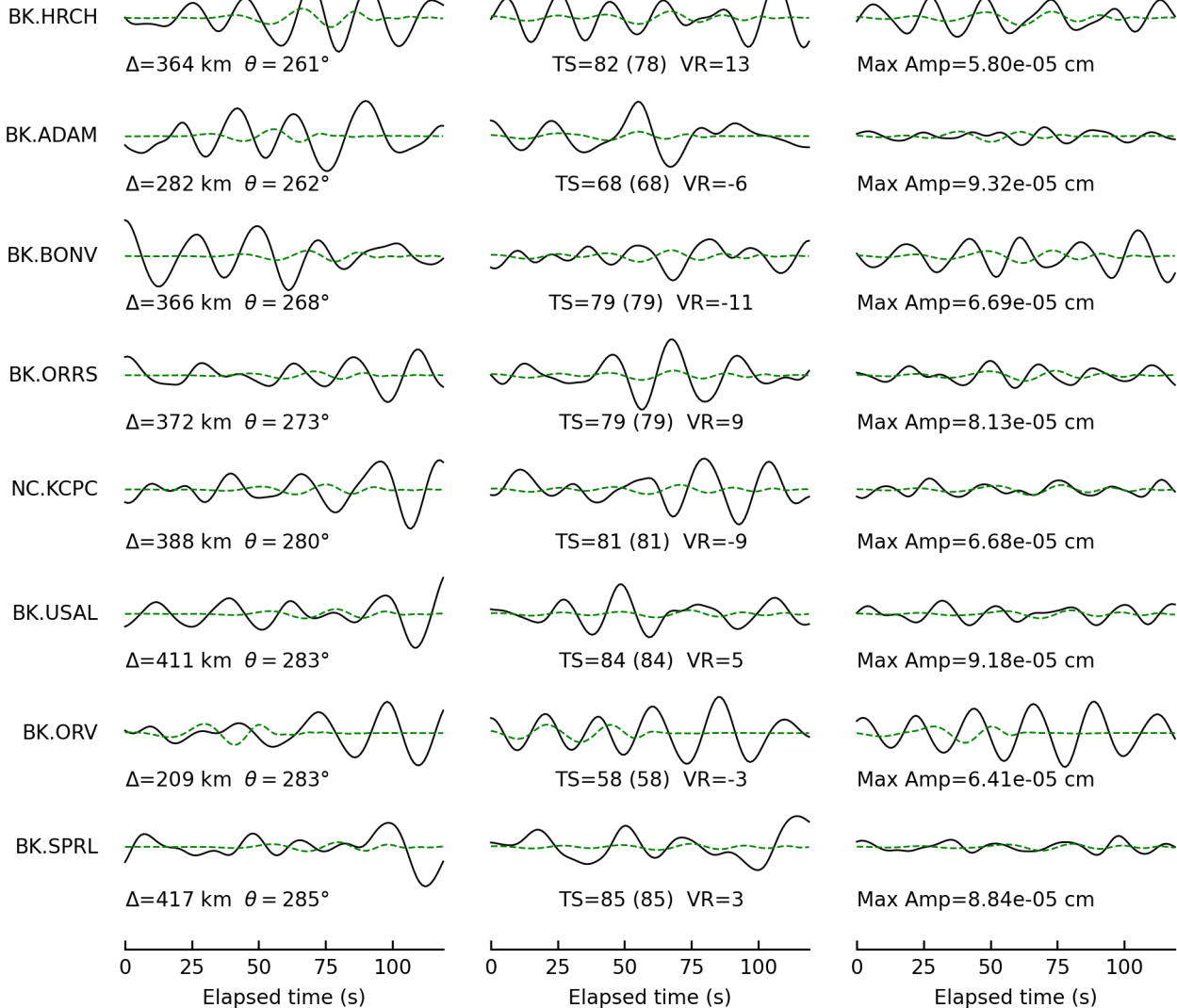
VR = 2.55% lune:2,0



Tangential

Radial

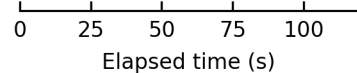
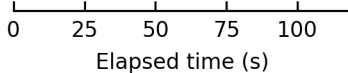
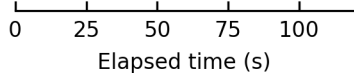
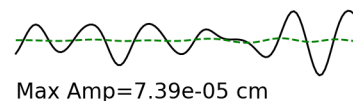
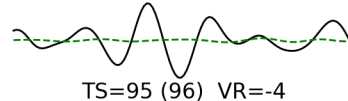
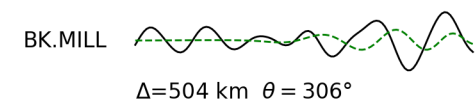
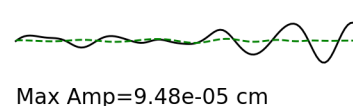
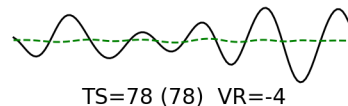
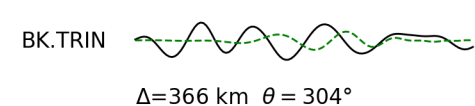
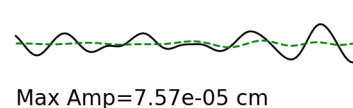
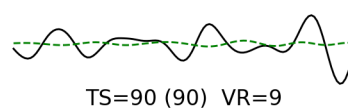
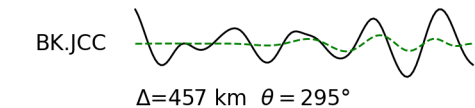
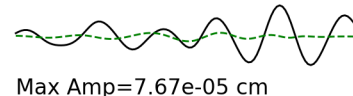
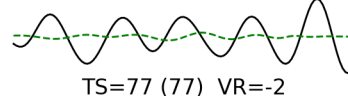
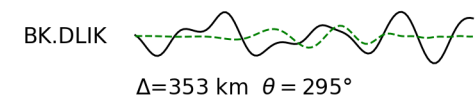
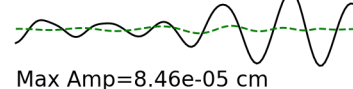
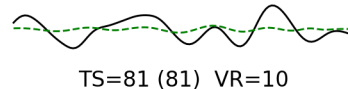
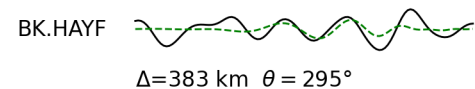
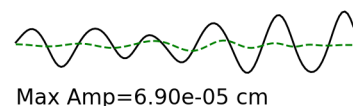
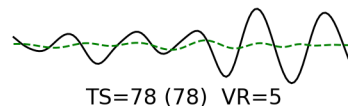
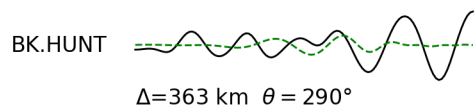
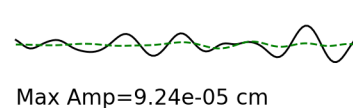
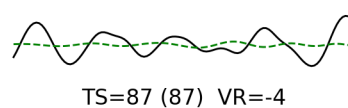
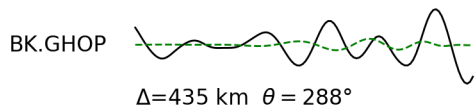
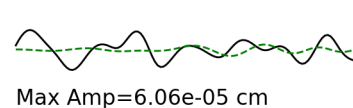
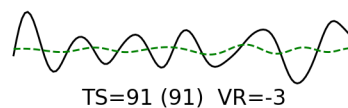
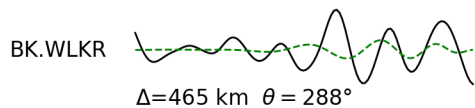
Vertical



Tangential

Radial

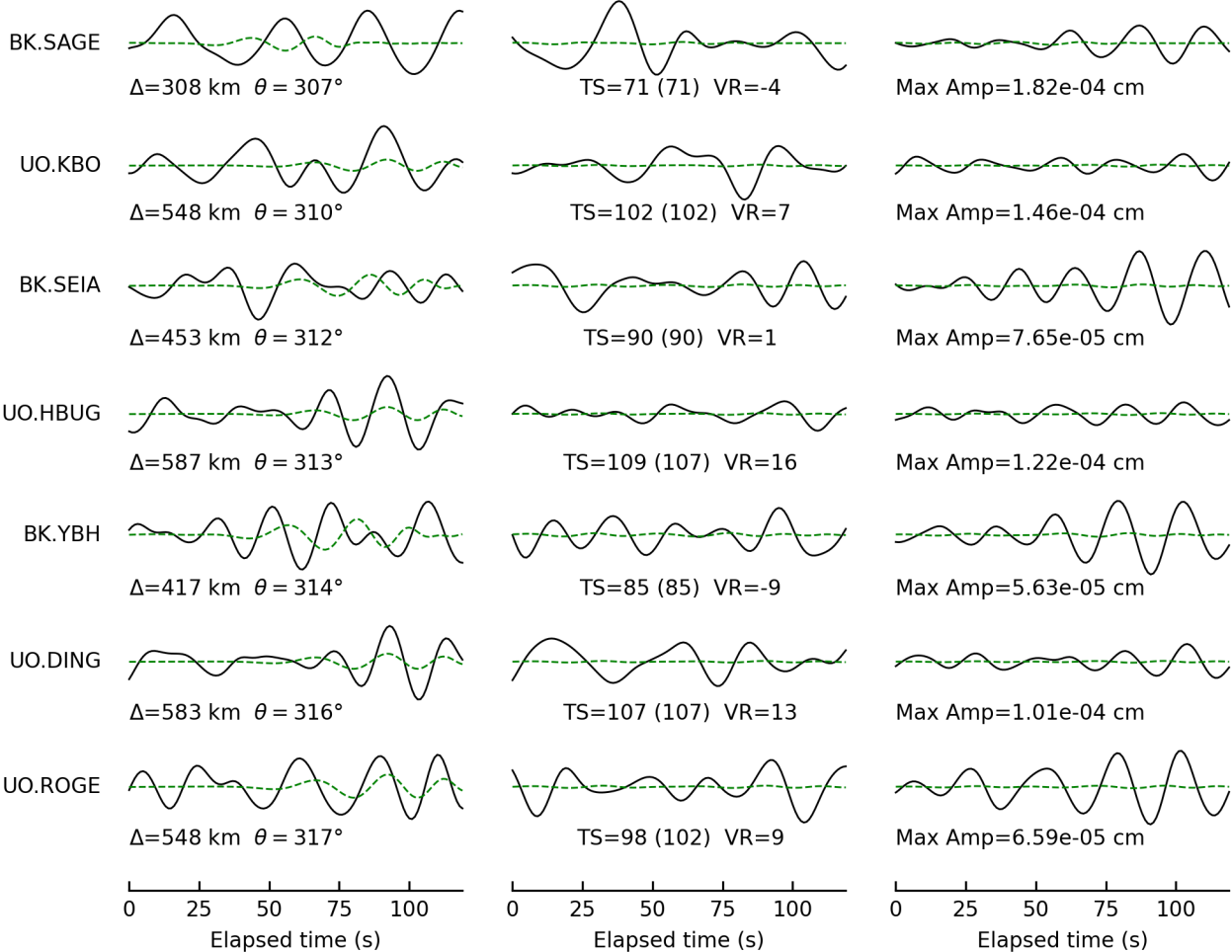
Vertical



Tangential

Radial

Vertical



# Deviatoric Moment Tensor Inversion

Evid = 75100406

Depth = 4.0 km

Mw = 3.71

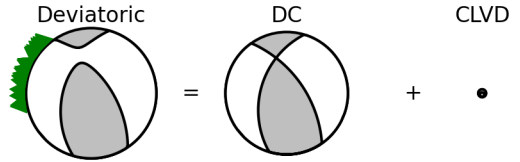
M0 = 4.53e+21 dyne-cm

Percent DC/CLVD/ISO = 94/6/0

sdr = (197,44,132) (325,59,57)

npts = 120 vred = 7.692 km/s

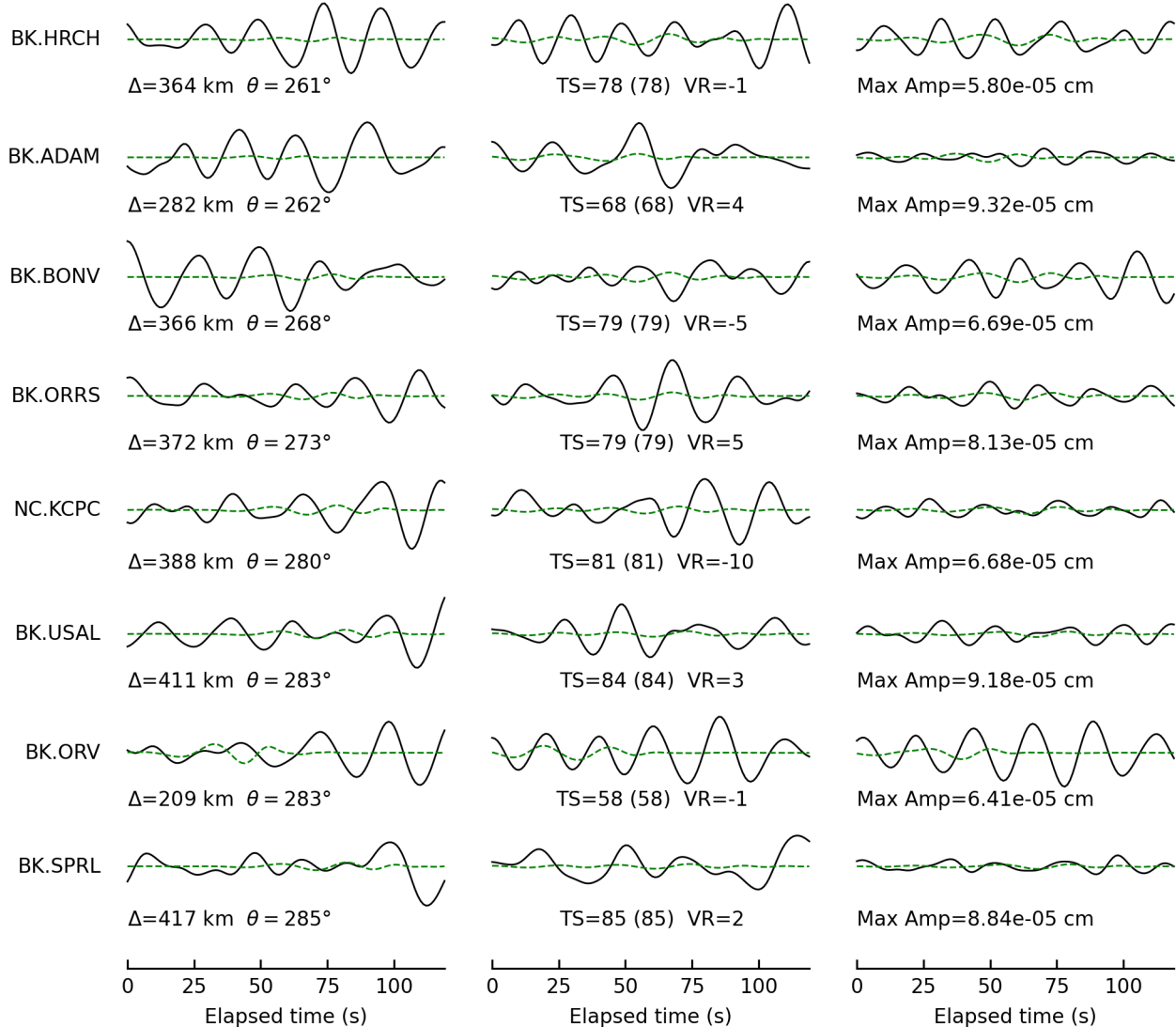
VR = 1.14% lune:-2,0



Tangential

Radial

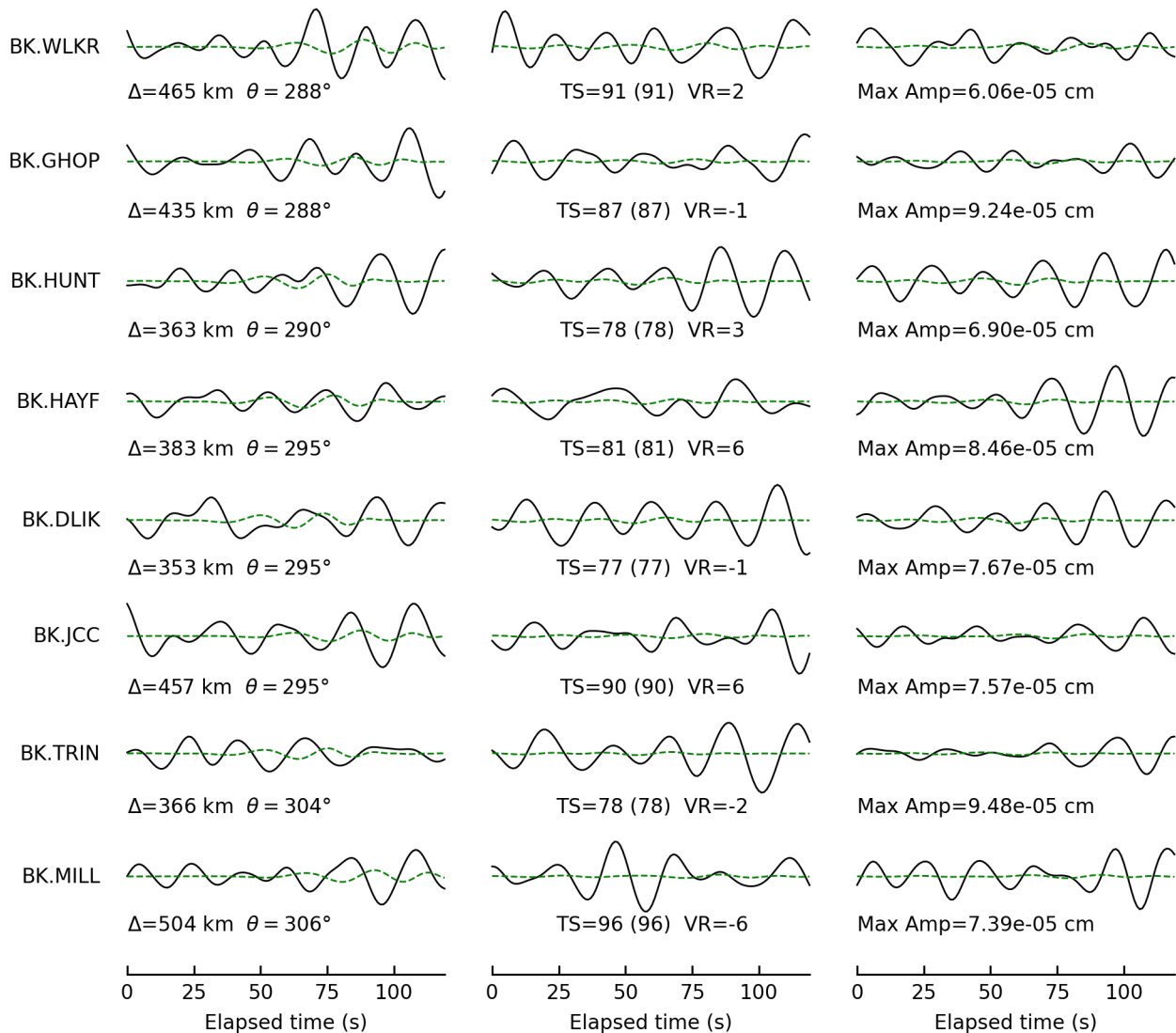
Vertical



Tangential

Radial

Vertical

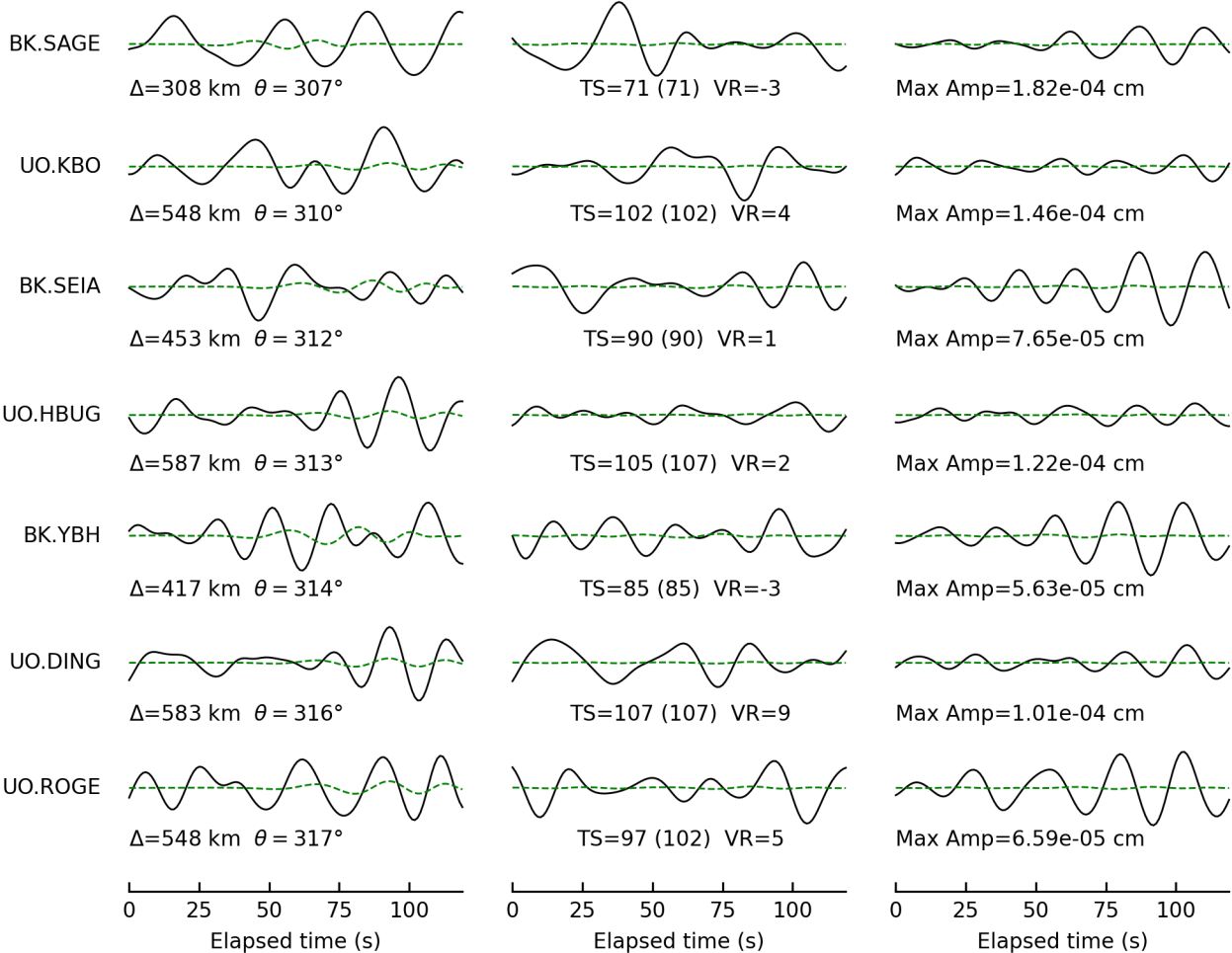




Tangential

Radial

Vertical



# Deviatoric Moment Tensor Inversion

Evid = 75100471

Depth = 2.0 km

Mw = 4.31

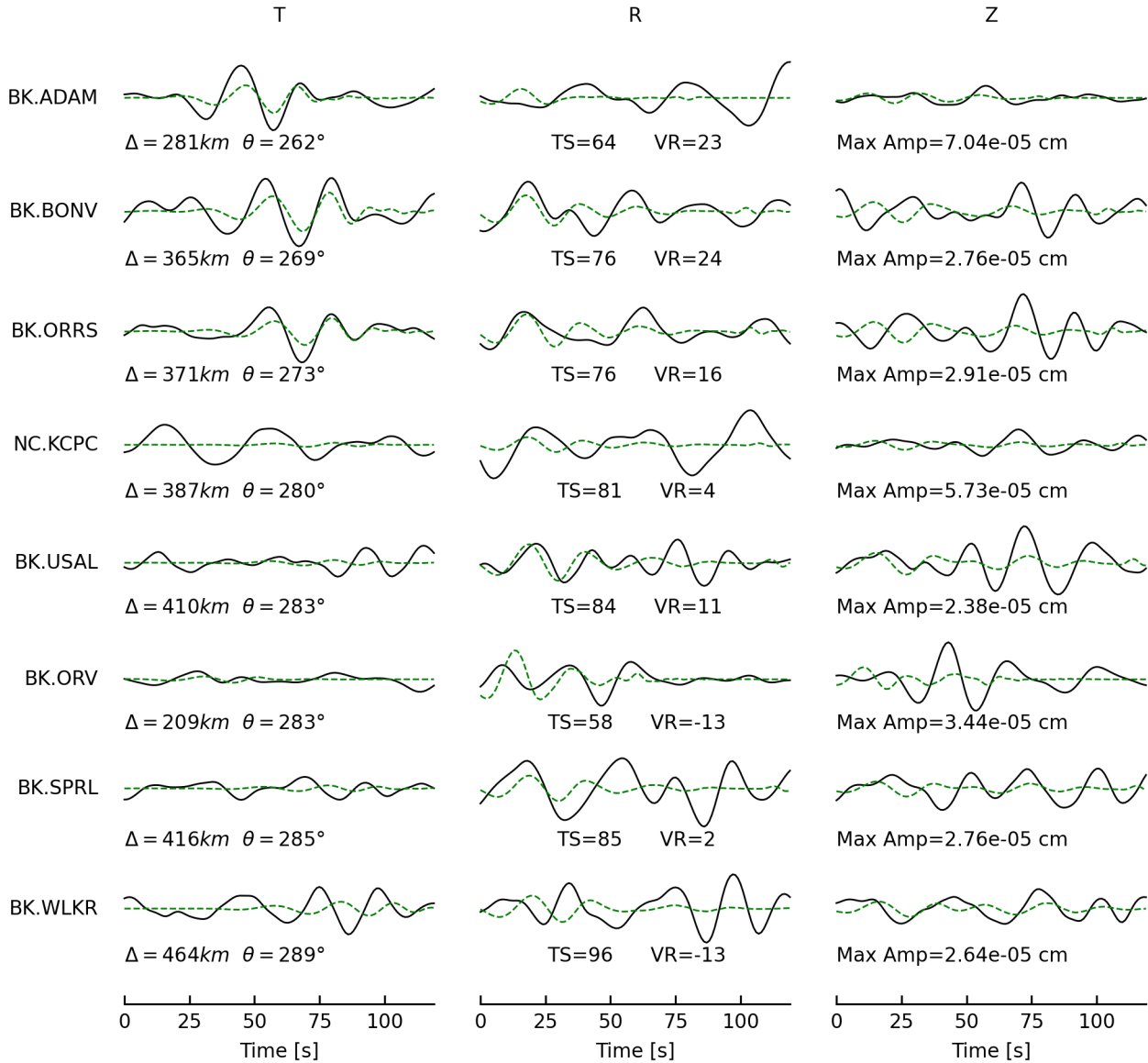
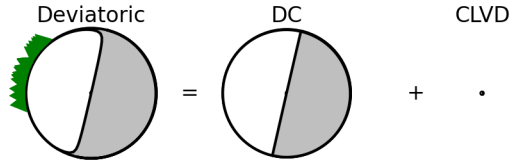
M0 = 3.58e+22 dyne-cm

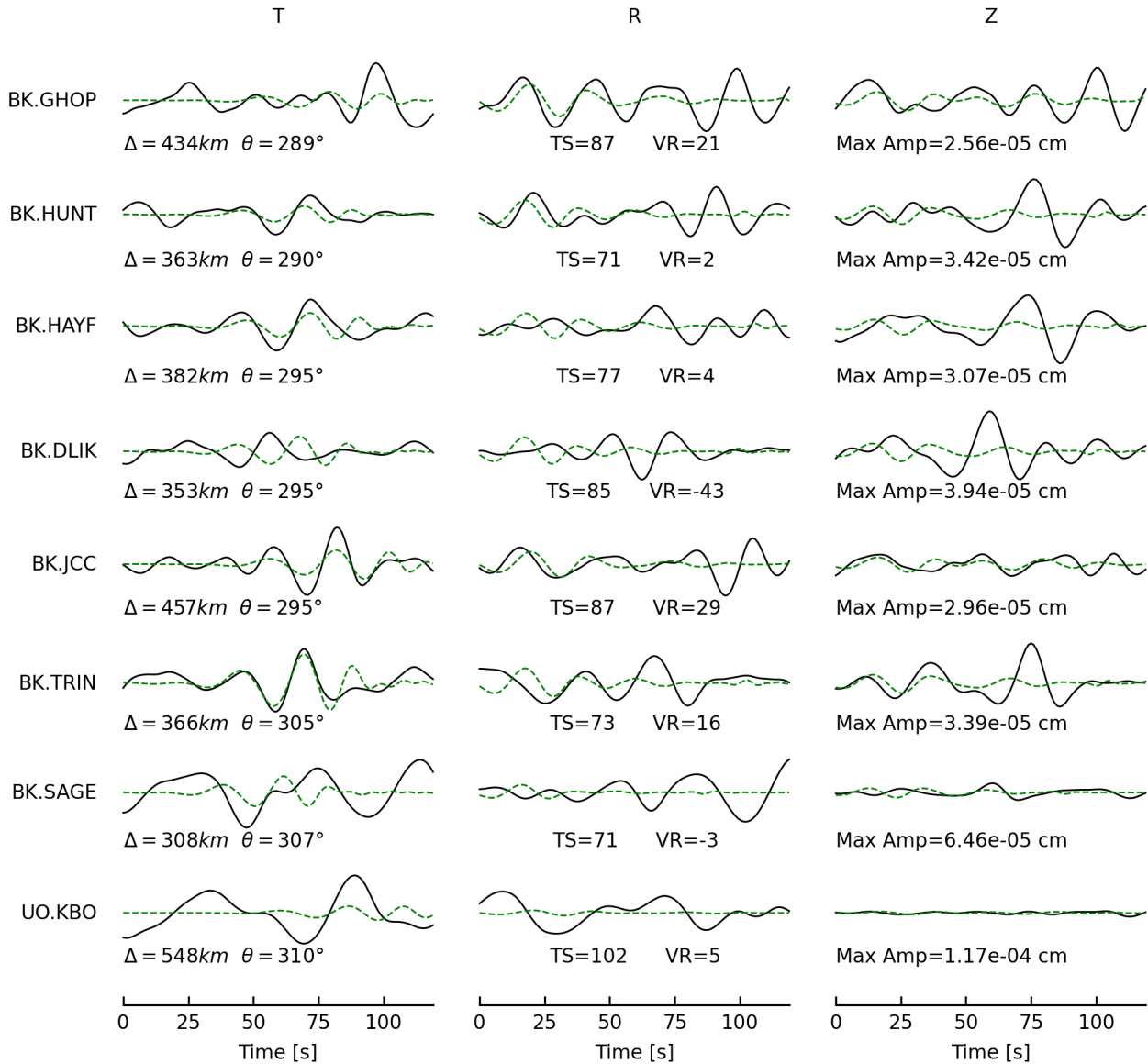
Percent DC/CLVD/ISO = 98/2/0

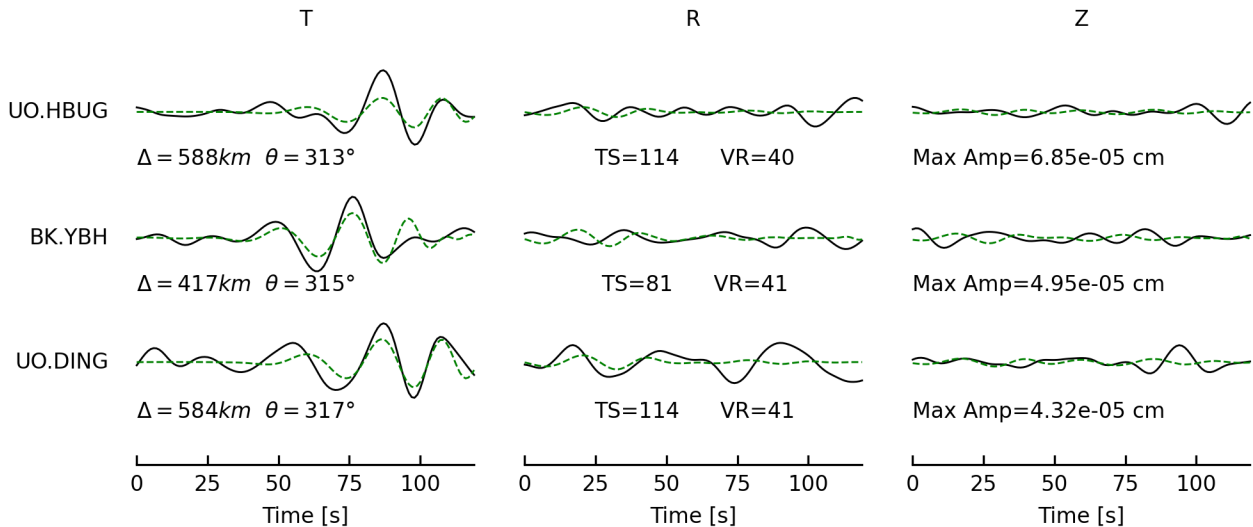
sdr = (193,90,90) (309,1,26)

npts = 120 vred = 7.692 km/s

VR = 10.17% lune:0,0







# Deviatoric Moment Tensor Inversion

Evid = 75100471

Depth = 2.0 km

Mw = 4.31

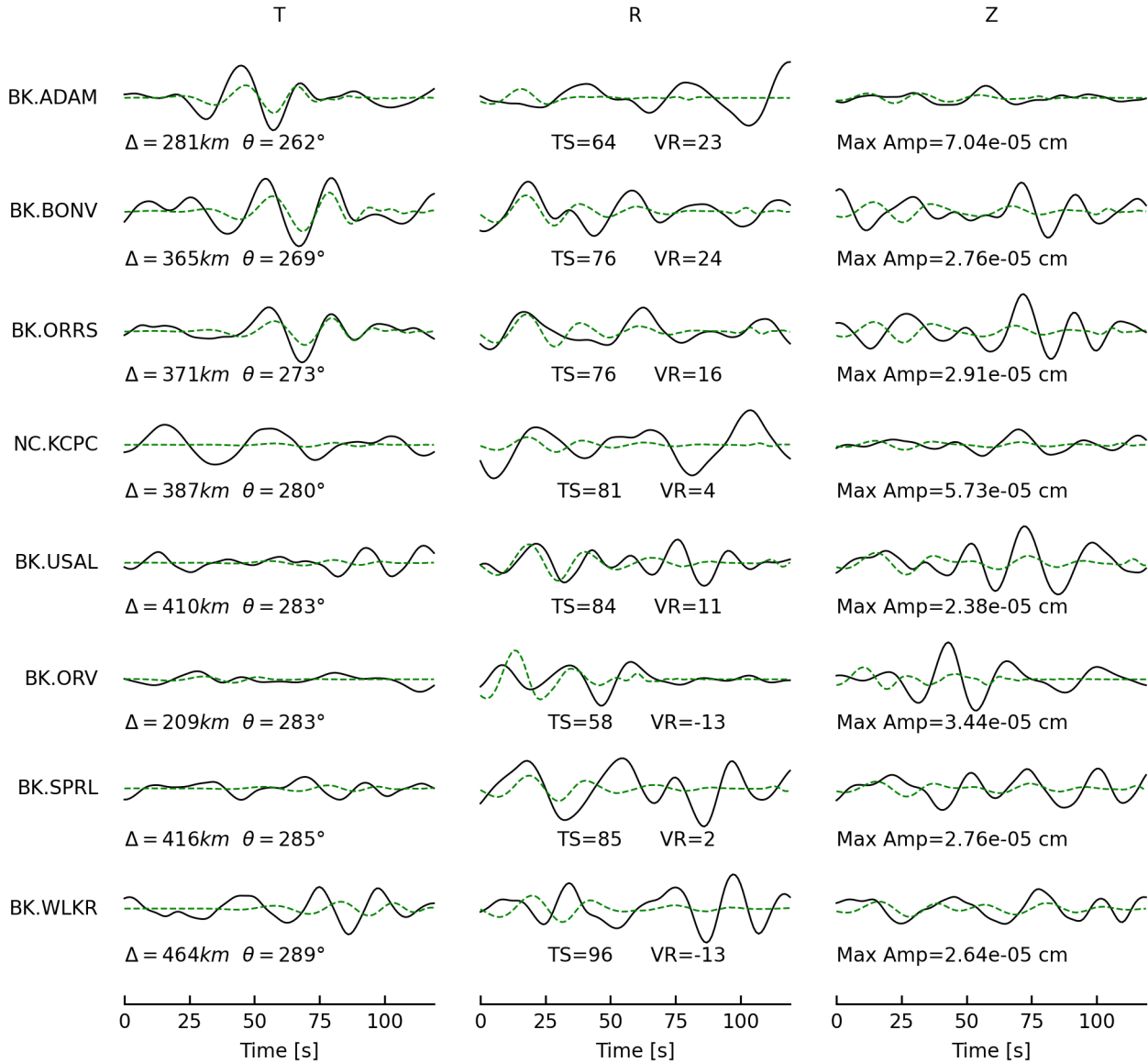
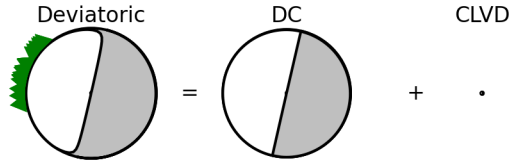
M0 = 3.58e+22 dyne-cm

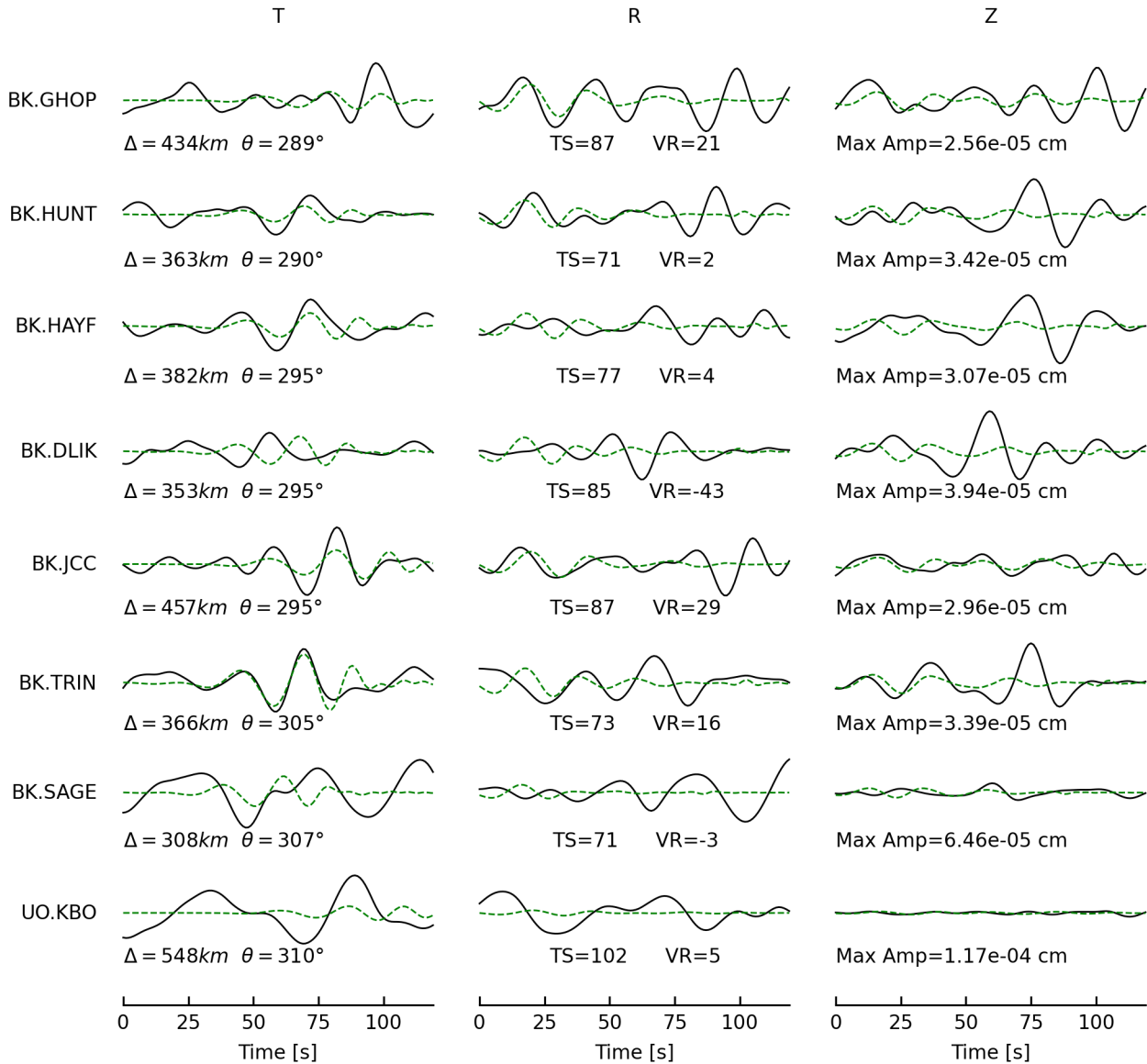
Percent DC/CLVD/ISO = 98/2/0

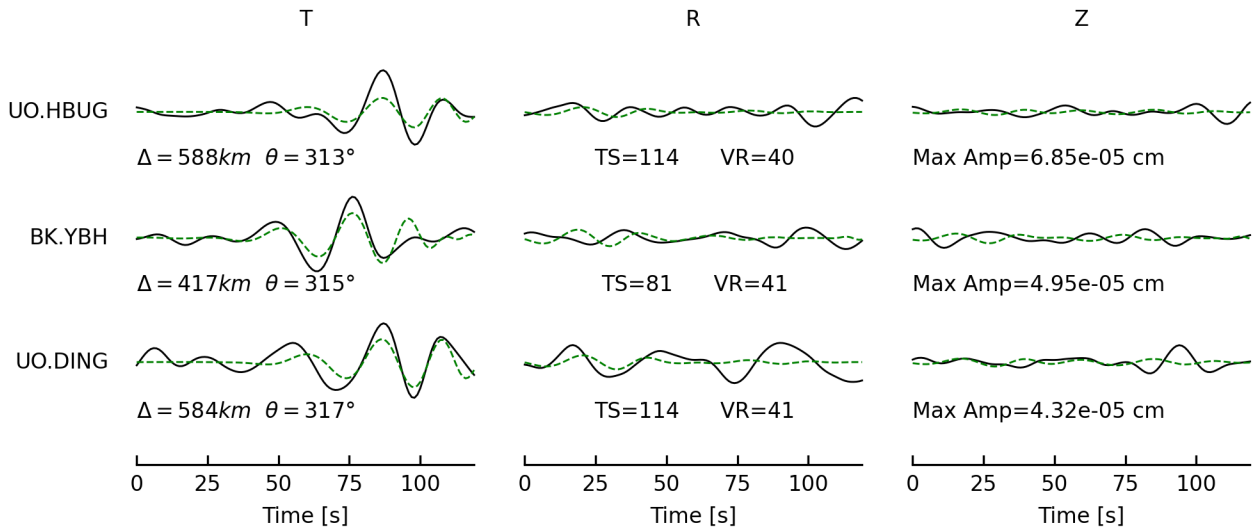
sdr = (193,90,90) (309,1,26)

npts = 120 vred = 7.692 km/s

VR = 10.17% lune:0,0







# Deviatoric Moment Tensor Inversion

Evid = 75100701

Depth = 3.0 km

Mw = 3.87

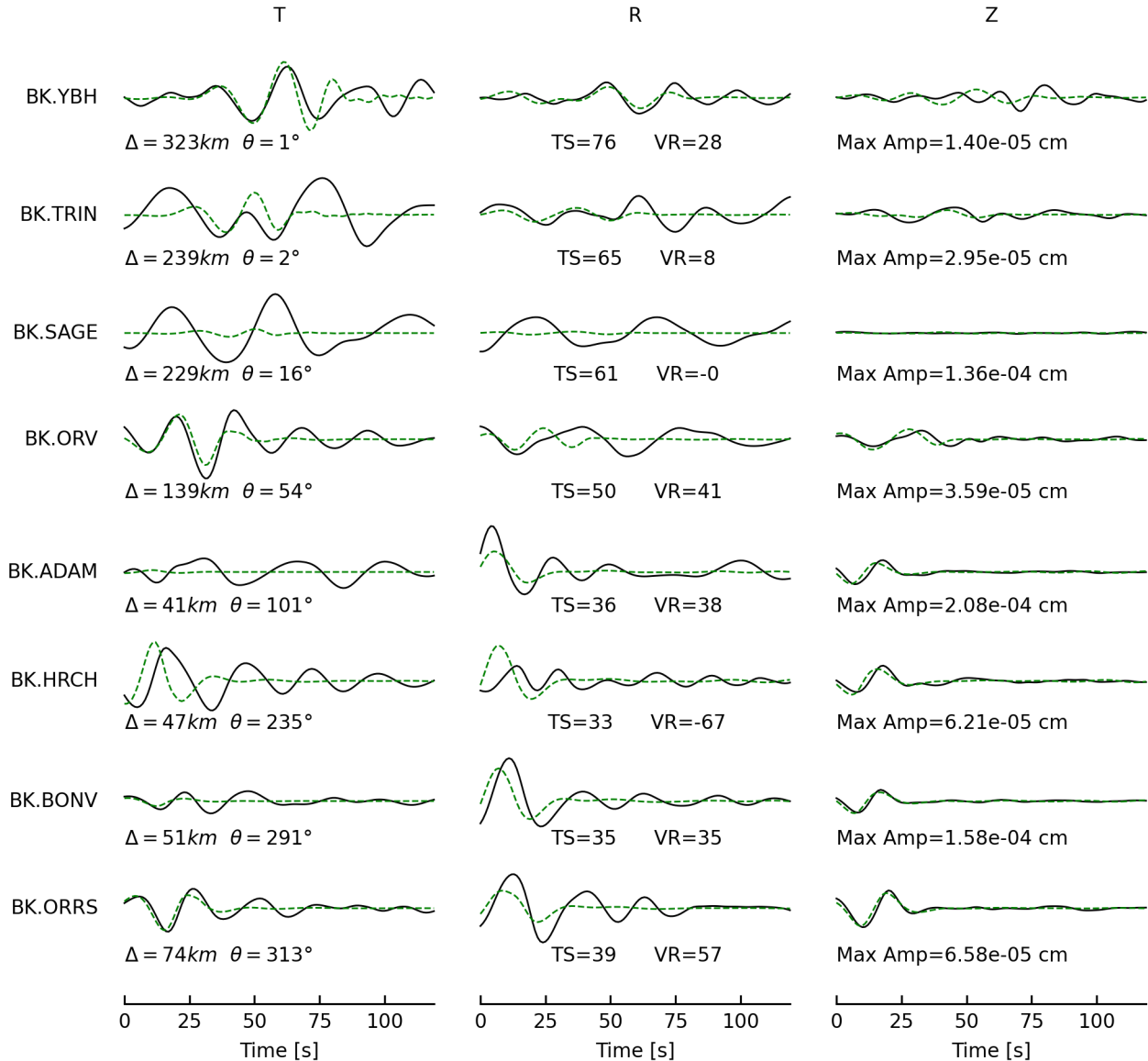
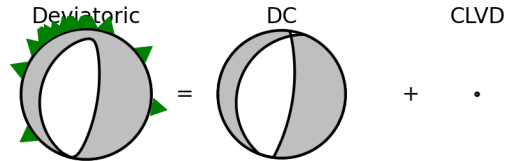
M0 = 7.87e+21 dyne-cm

Percent DC/CLVD/ISO = 98/2/0

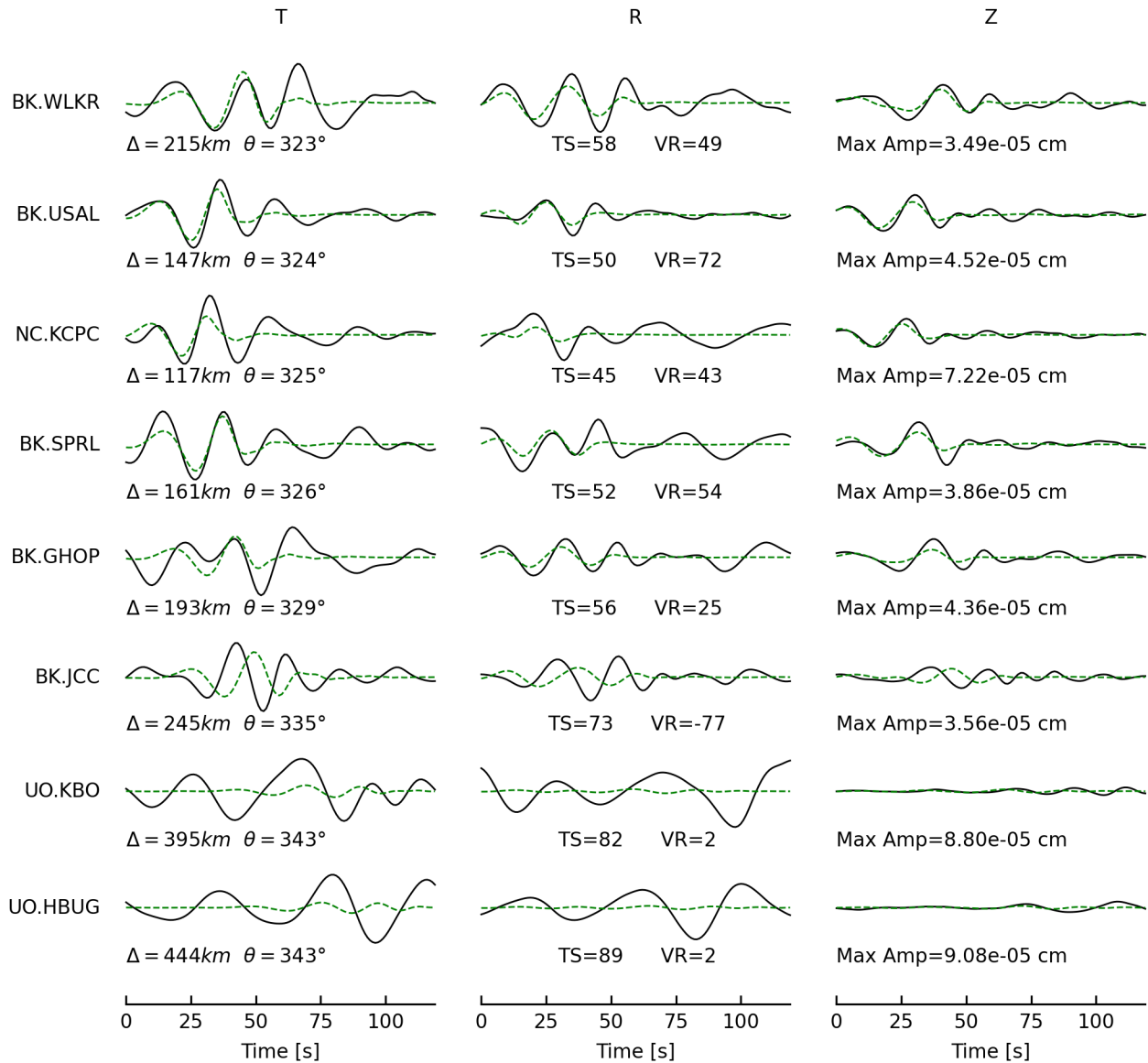
sdr = (7,70,-95) (201,21,-78)

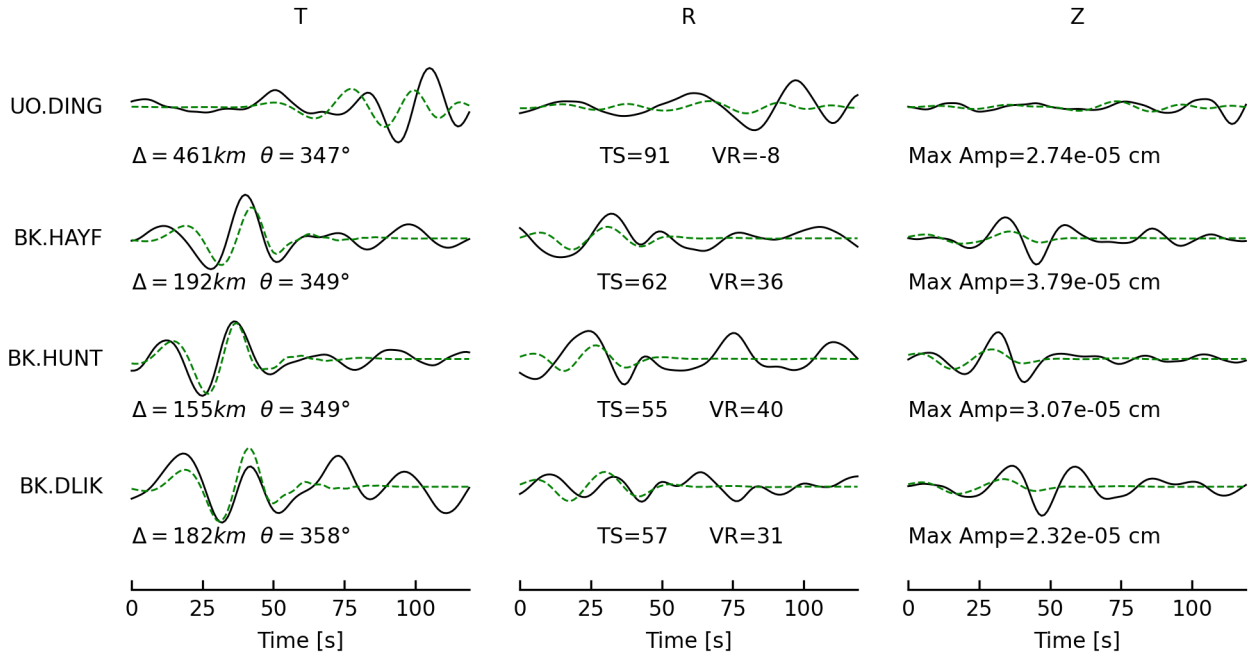
npts = 120 vred = 7.692 km/s

VR = 7.84% lune:1,0









# Deviatoric Moment Tensor Inversion

Evid = 75100701

Depth = 3.0 km

Mw = 3.87

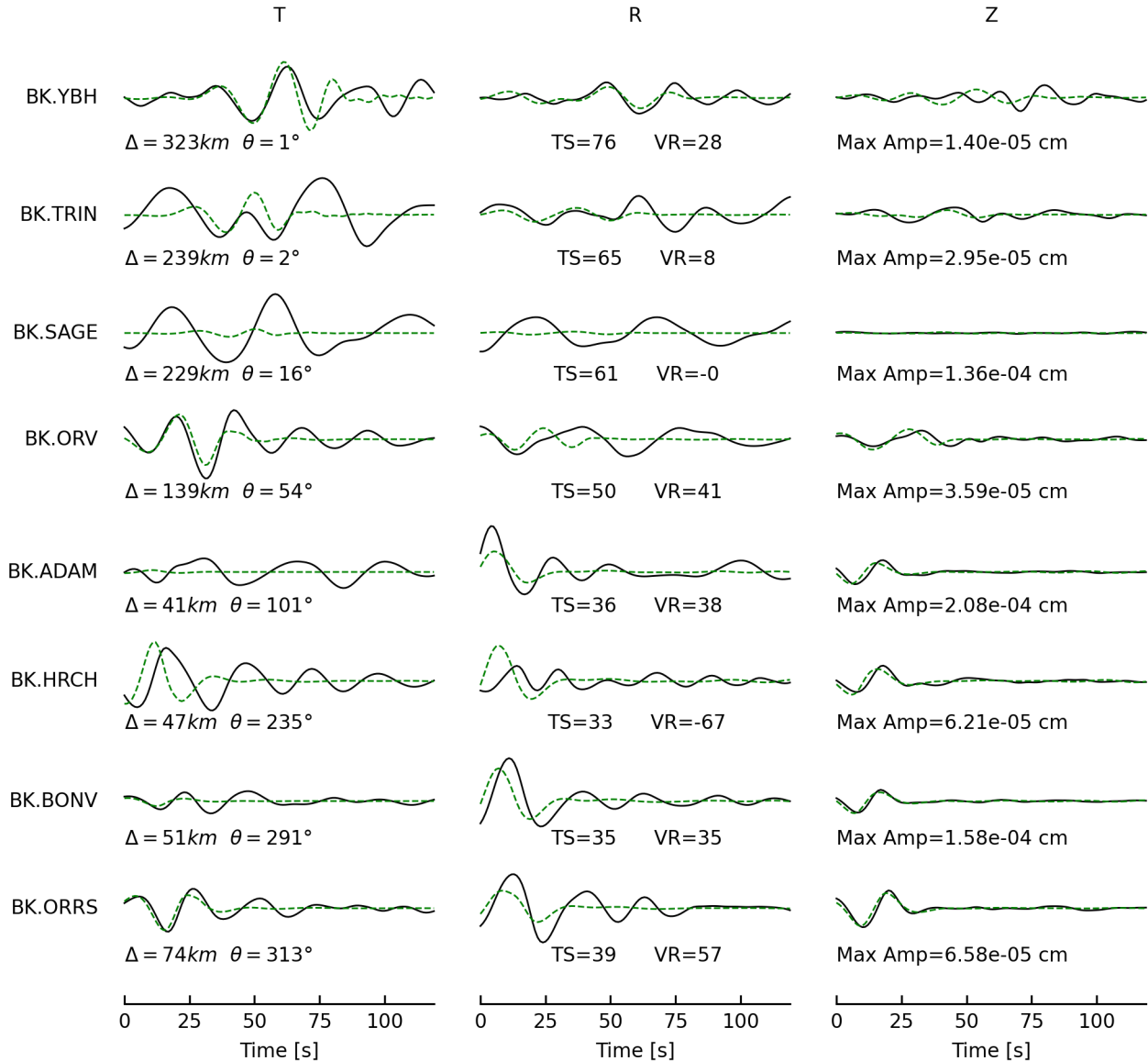
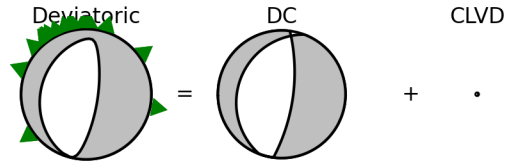
M0 = 7.87e+21 dyne-cm

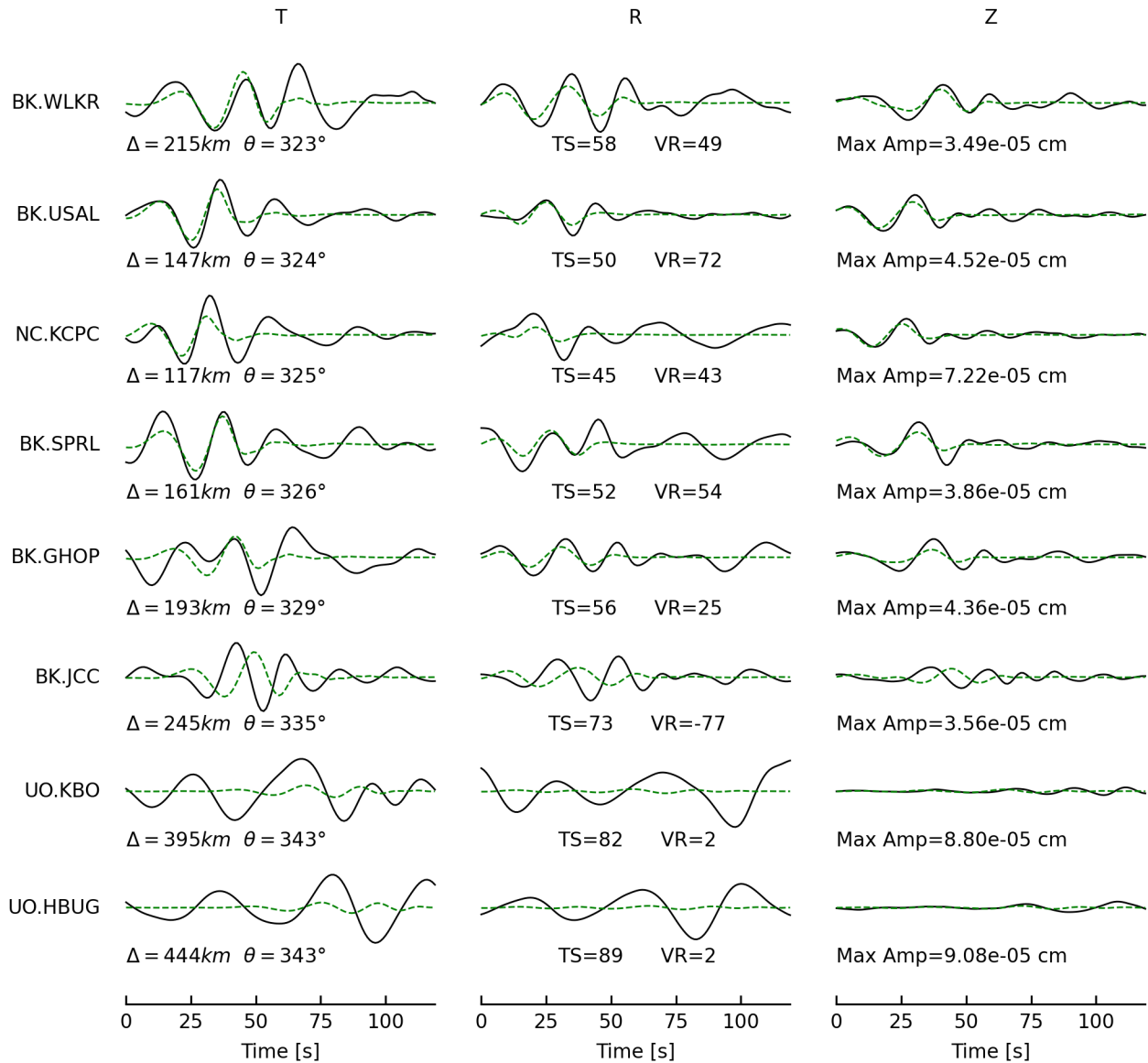
Percent DC/CLVD/ISO = 98/2/0

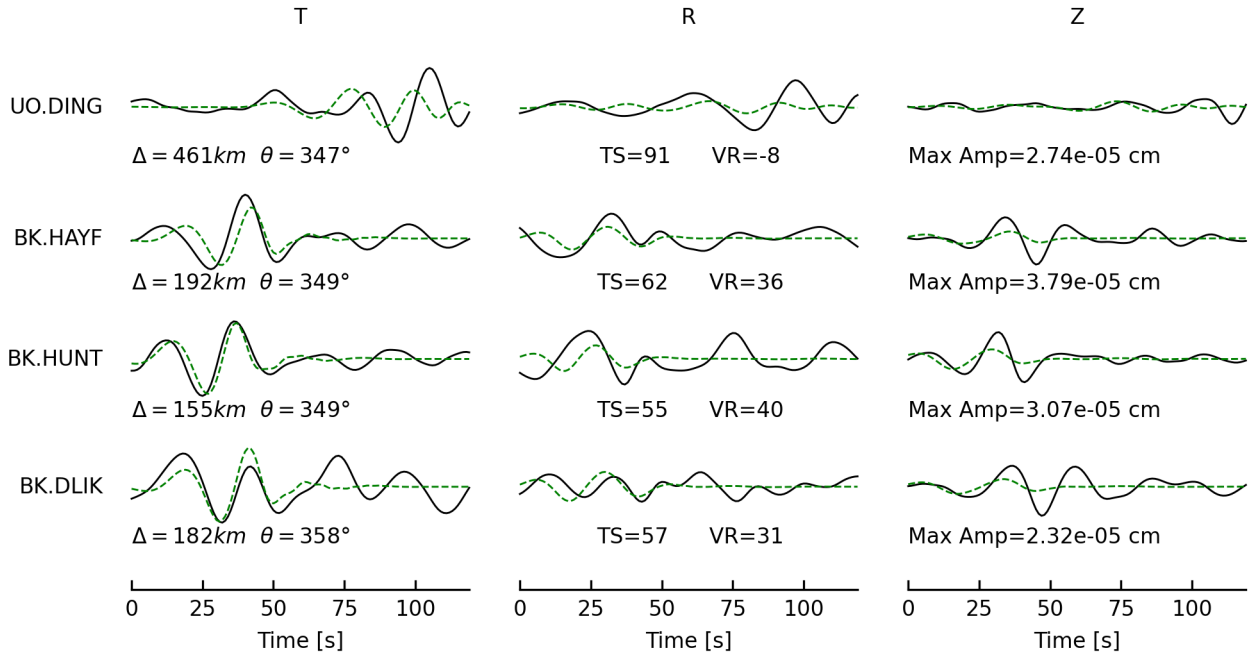
sdr = (7,70,-95) (201,21,-78)

npts = 120 vred = 7.692 km/s

VR = 7.84% lune:1,0







# Deviatoric Moment Tensor Inversion

Evid = 75100951

Depth = 6.0 km

Mw = 3.75

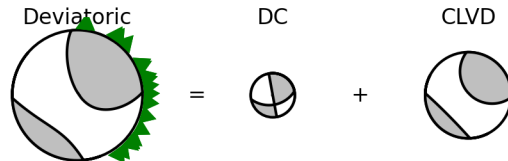
M0 = 5.17e+21 dyne-cm

Percent DC/CLVD/ISO = 34/66/0

sdr = (170,90,47) (79,43,180)

npts = 120 vred = 7.692 km/s

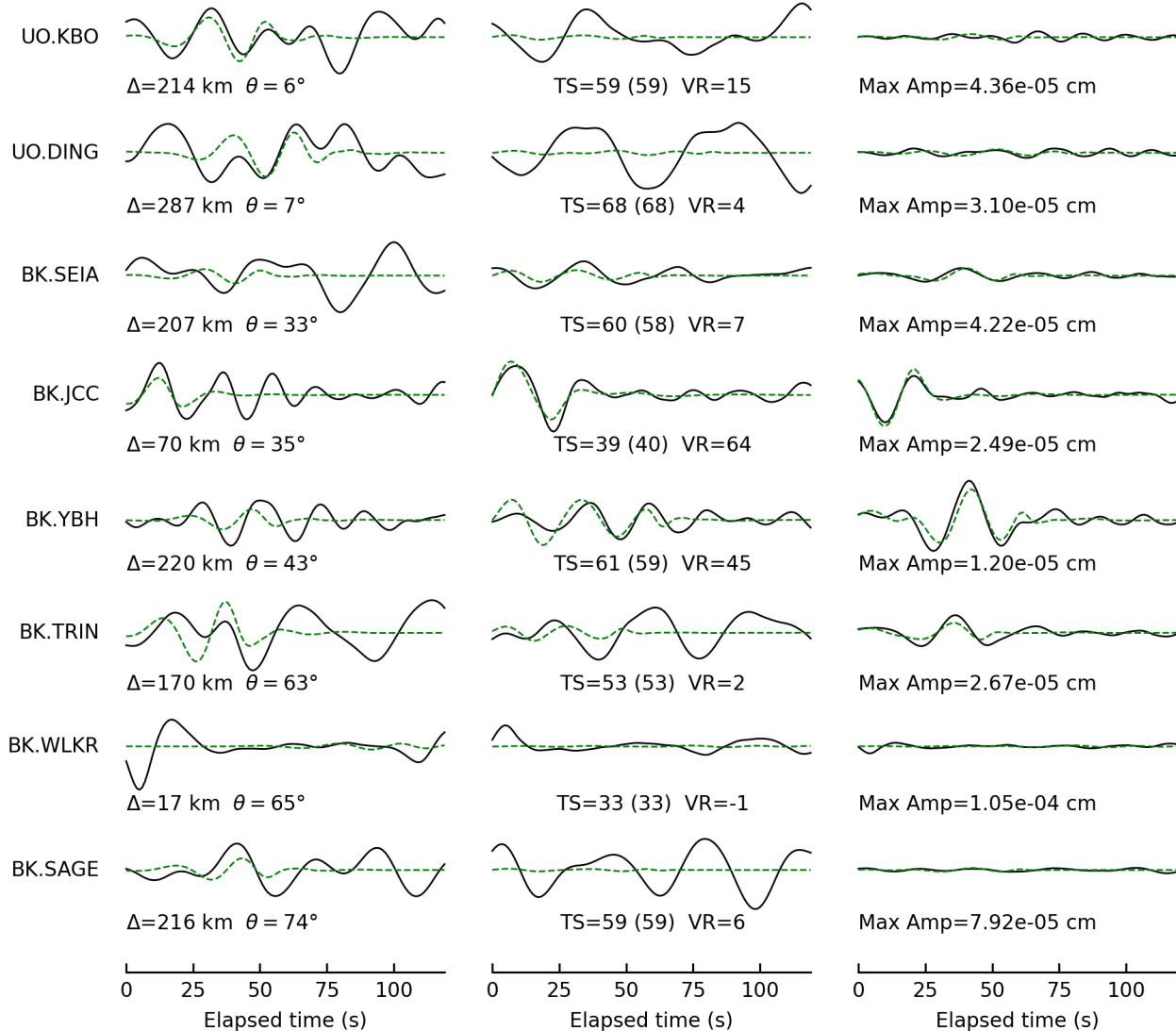
VR = 12.16% lune:-19,0



Tangential

Radial

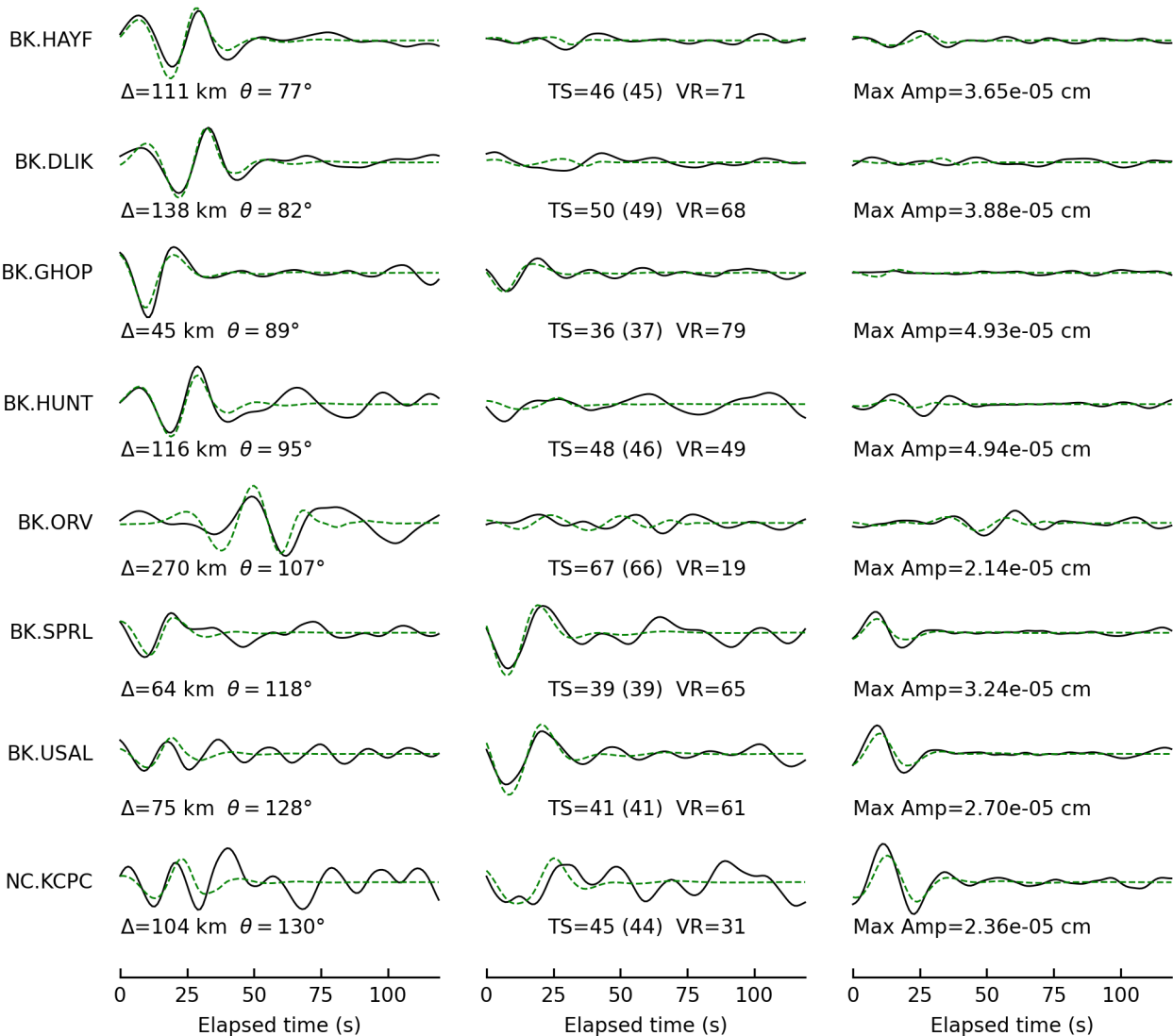
Vertical



Tangential

Radial

Vertical

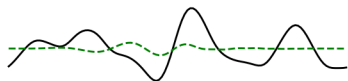
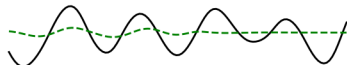


Tangential

Radial

Vertical

BK.ADAM

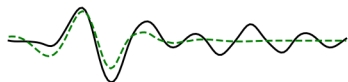
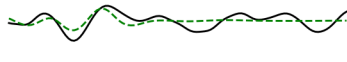
 $\Delta=254$  km  $\theta = 132^\circ$ 

TS=64 (64) VR=9



Max Amp=5.30e-05 cm

BK.ORRS

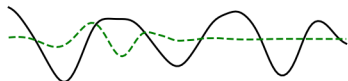
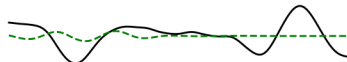
 $\Delta=146$  km  $\theta = 141^\circ$ 

TS=50 (50) VR=59

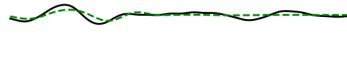


Max Amp=2.09e-05 cm

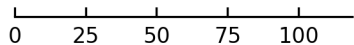
BK.BONV

 $\Delta=176$  km  $\theta = 145^\circ$ 

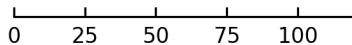
TS=56 (54) VR=-1



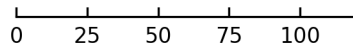
Max Amp=3.86e-05 cm



Elapsed time (s)



Elapsed time (s)



Elapsed time (s)



# Deviatoric Moment Tensor Inversion

Evid = 75100951

Depth = 39.0 km

Mw = 3.81

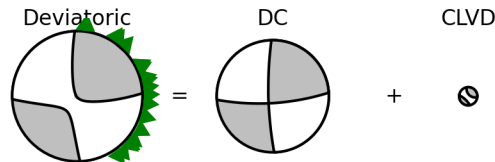
M0 = 6.56e+21 dyne-cm

Percent DC/CLVD/ISO = 86/14/0

sdr = (179,81,14) (86,76,171)

npts = 120 vred = 7.692 km/s

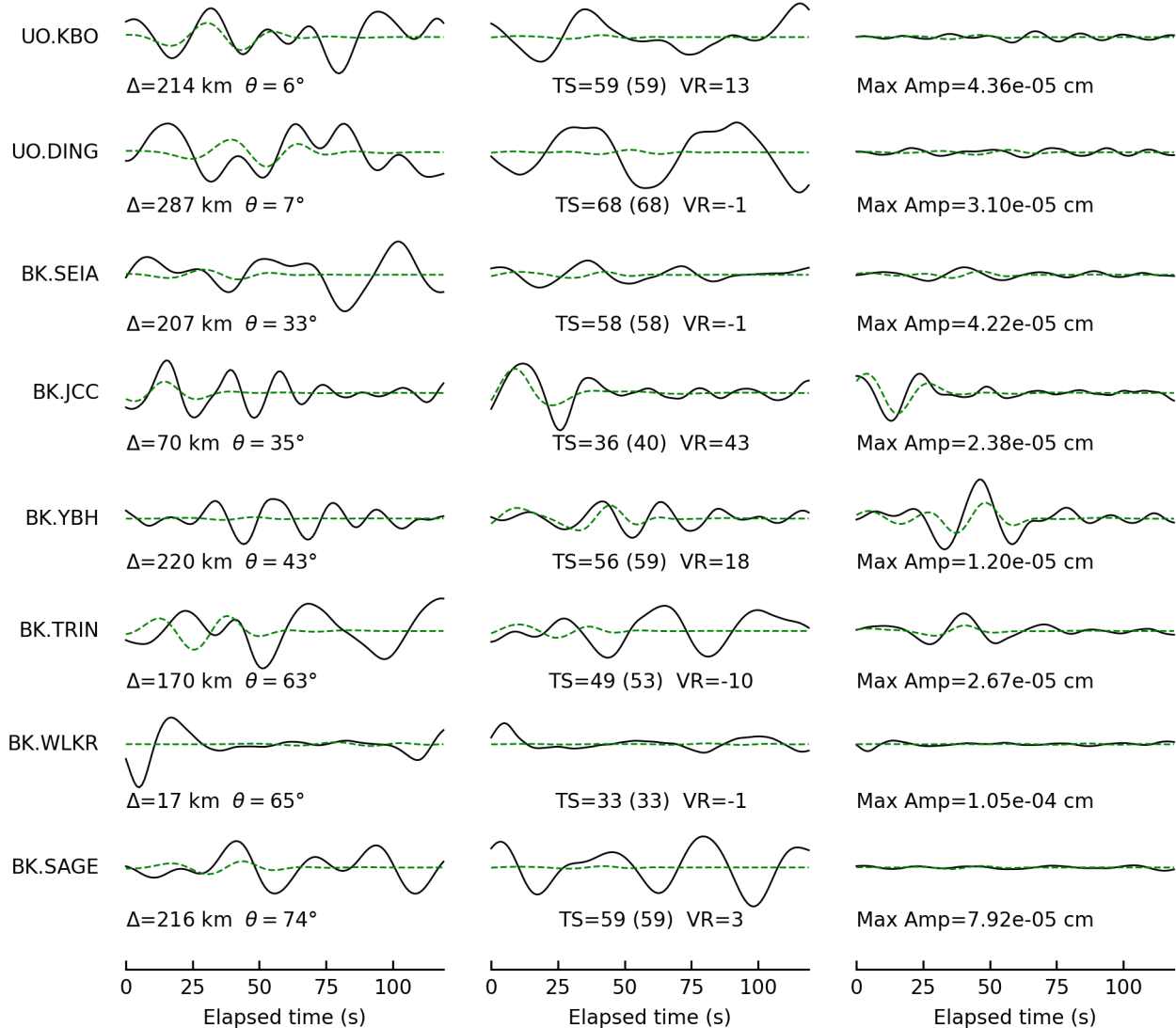
VR = 5.60% lune:-4,0



Tangential

Radial

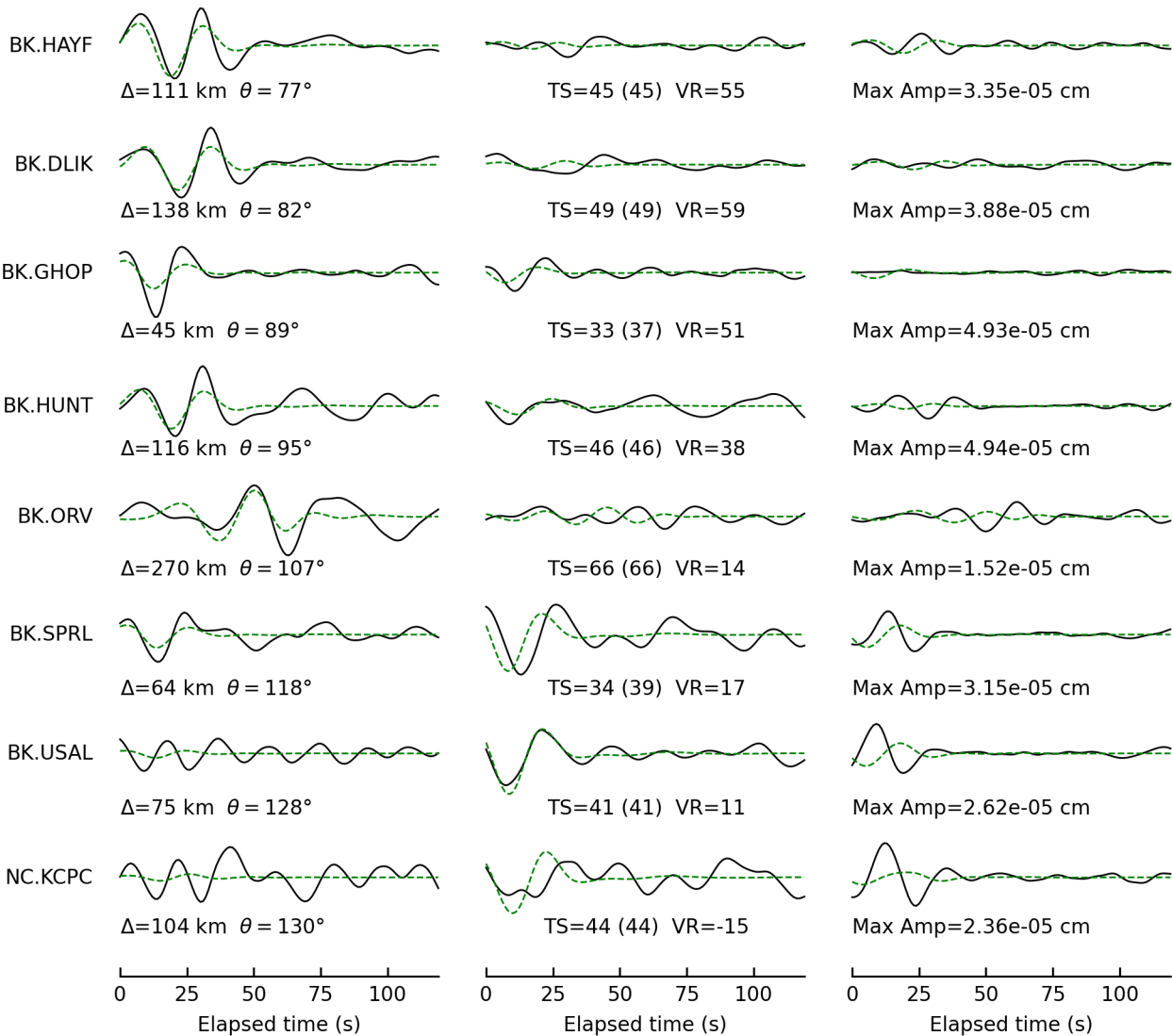
Vertical



Tangential

Radial

Vertical

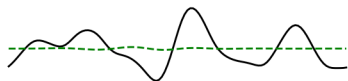
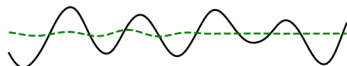


Tangential

Radial

Vertical

BK.ADAM

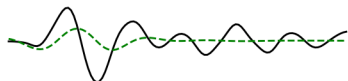
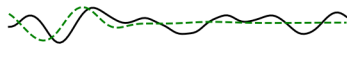
 $\Delta=254$  km  $\theta = 132^\circ$ 

TS=64 (64) VR=1



Max Amp=5.30e-05 cm

BK.ORRS

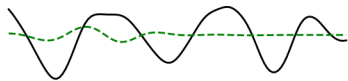
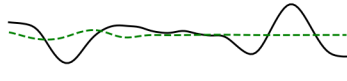
 $\Delta=146$  km  $\theta = 141^\circ$ 

TS=55 (50) VR=-1

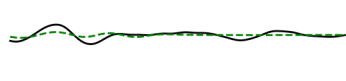


Max Amp=2.09e-05 cm

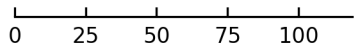
BK.BONV

 $\Delta=176$  km  $\theta = 145^\circ$ 

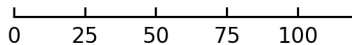
TS=59 (54) VR=2



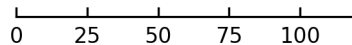
Max Amp=3.66e-05 cm



Elapsed time (s)



Elapsed time (s)



Elapsed time (s)

# Deviatoric Moment Tensor Inversion

Evid = 75100956

Depth = 8.0 km

Mw = 3.54

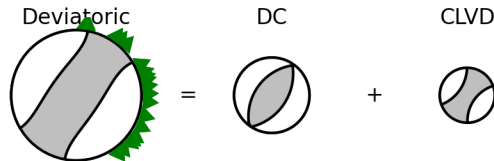
M0 = 2.52e+21 dyne-cm

Percent DC/CLVD/ISO = 58/42/0

sdr = (217,43,93) (33,47,87)

npts = 120 vred = 7.692 km/s

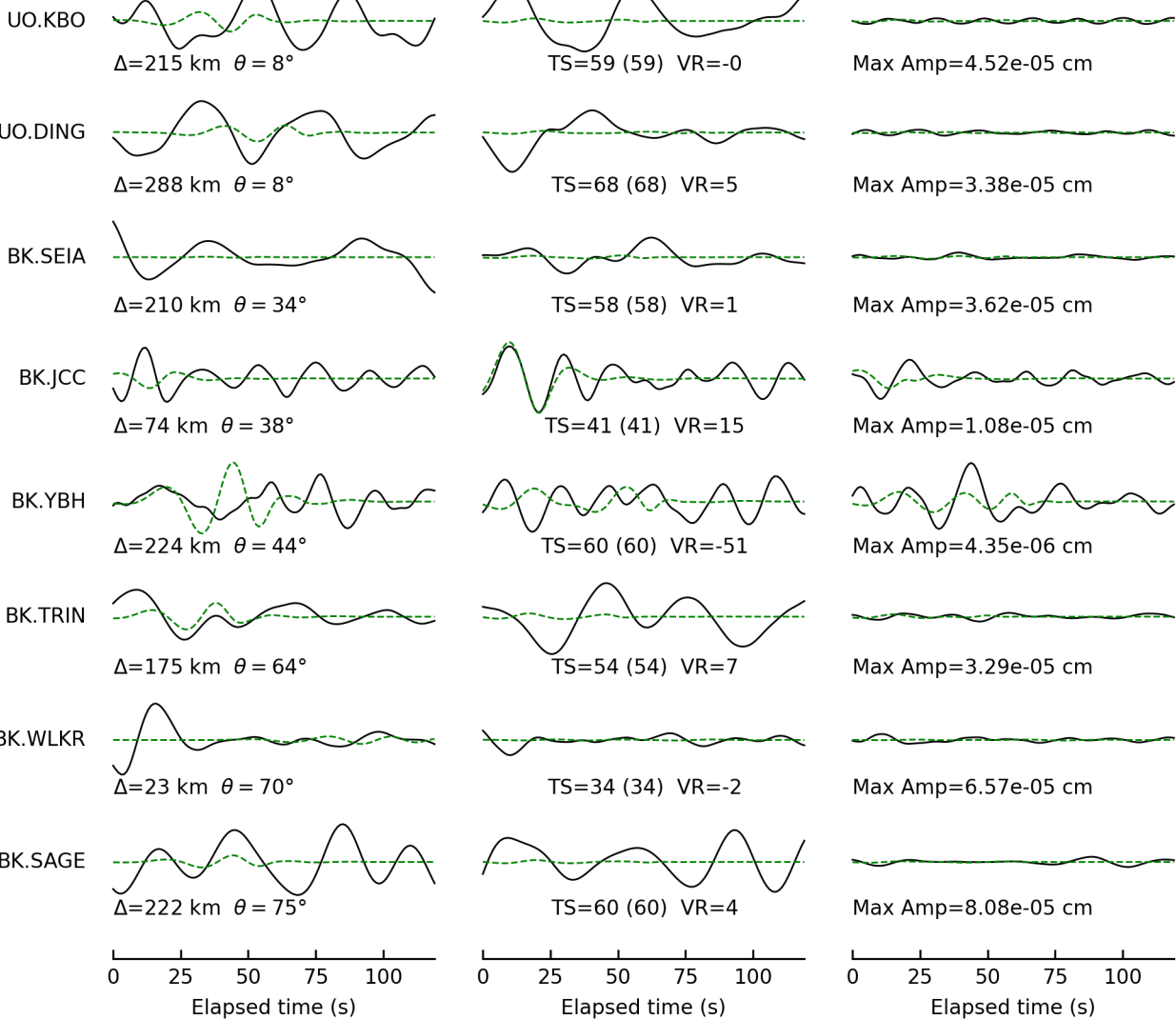
VR = 3.27% lune:12,0



Tangential

Radial

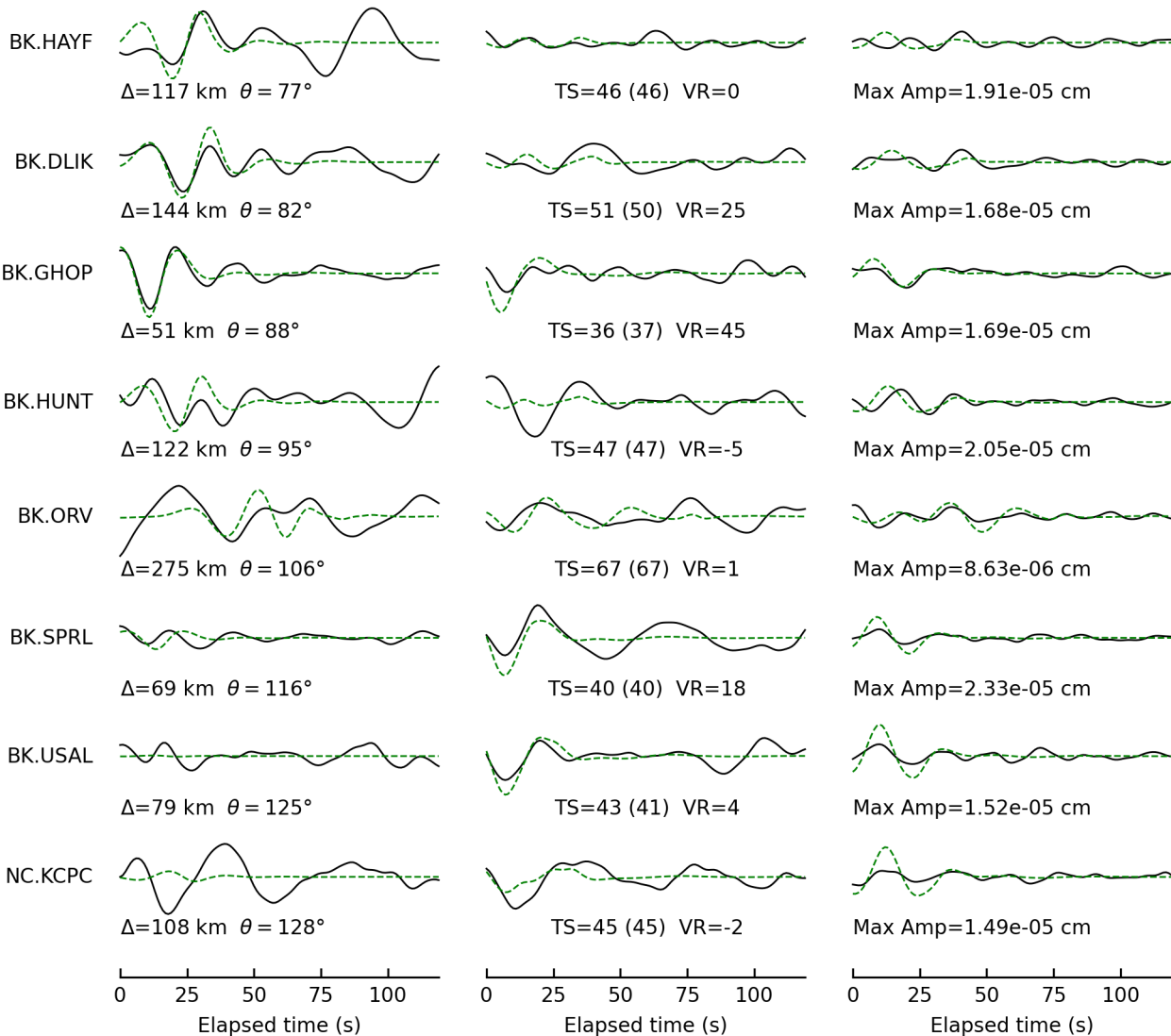
Vertical



Tangential

Radial

Vertical

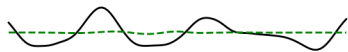
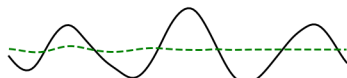


Tangential

Radial

Vertical

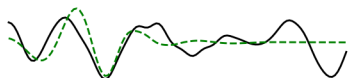
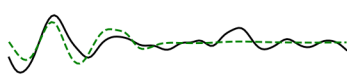
BK.ADAM

 $\Delta=258$  km  $\theta = 131^\circ$ 

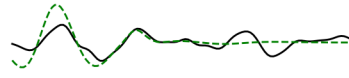
TS=64 (64) VR=3

Max Amp= $7.96e-05$  cm

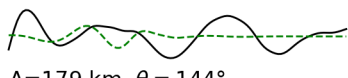
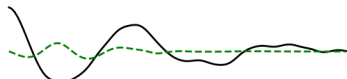
BK.ORRS

 $\Delta=150$  km  $\theta = 139^\circ$ 

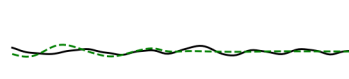
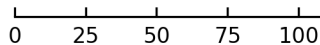
TS=50 (50) VR=28

Max Amp= $8.88e-06$  cm

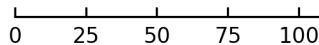
BK.BONV

 $\Delta=179$  km  $\theta = 144^\circ$ 

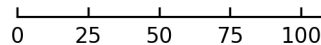
TS=54 (54) VR=-10

Max Amp= $3.71e-05$  cm

Elapsed time (s)



Elapsed time (s)



Elapsed time (s)

# Deviatoric Moment Tensor Inversion

Evid = 75100956

Depth = 24.0 km

Mw = 3.60

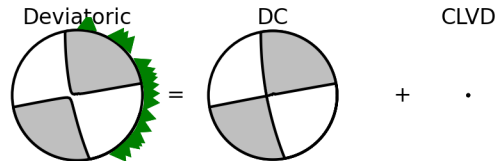
M0 = 3.17e+21 dyne-cm

Percent DC/CLVD/ISO = 99/1/0

sdr = (259,89,-169) (169,79,-1)

npts = 120 vred = 7.692 km/s

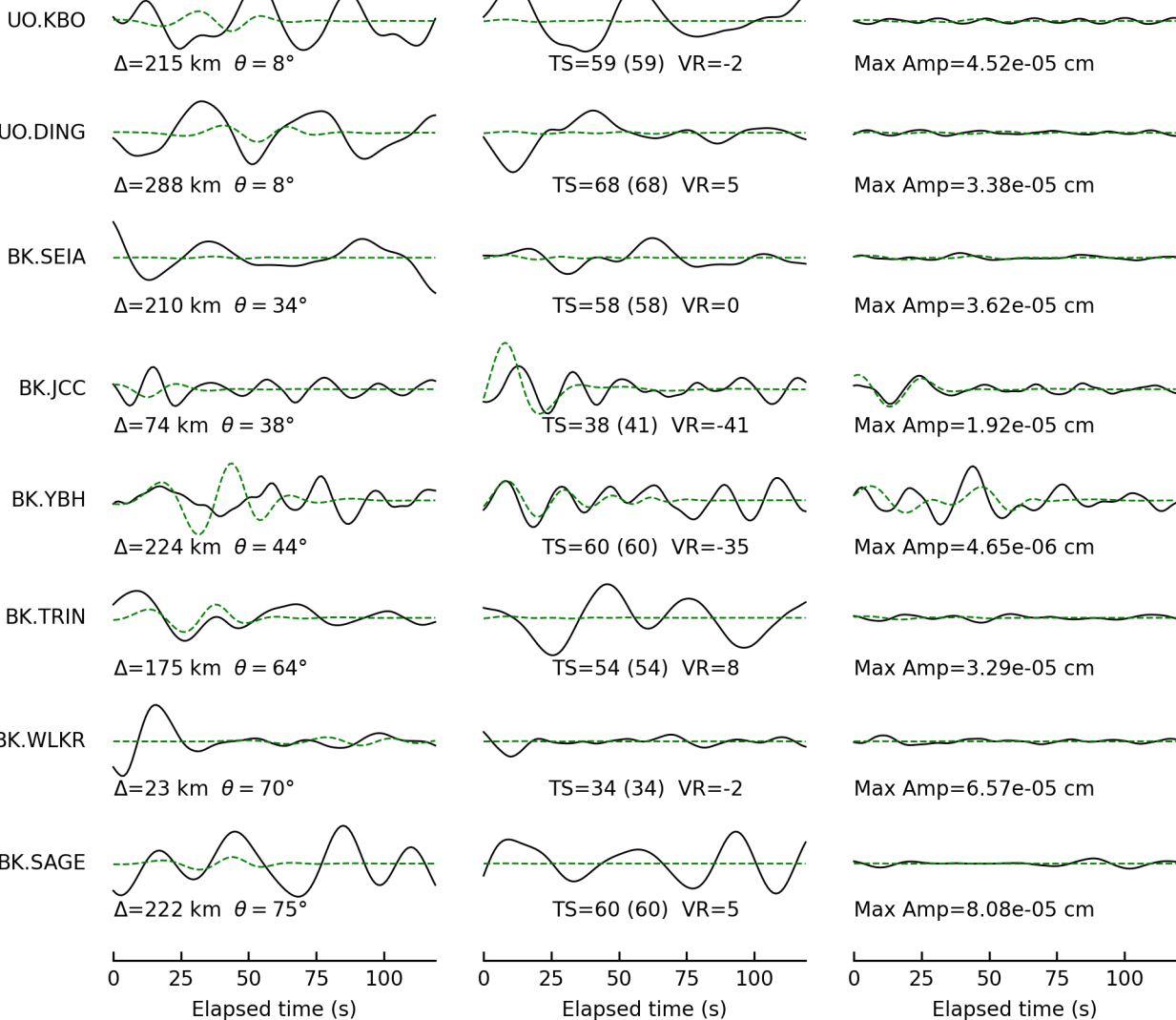
VR = 2.74% lune:0,0



Tangential

Radial

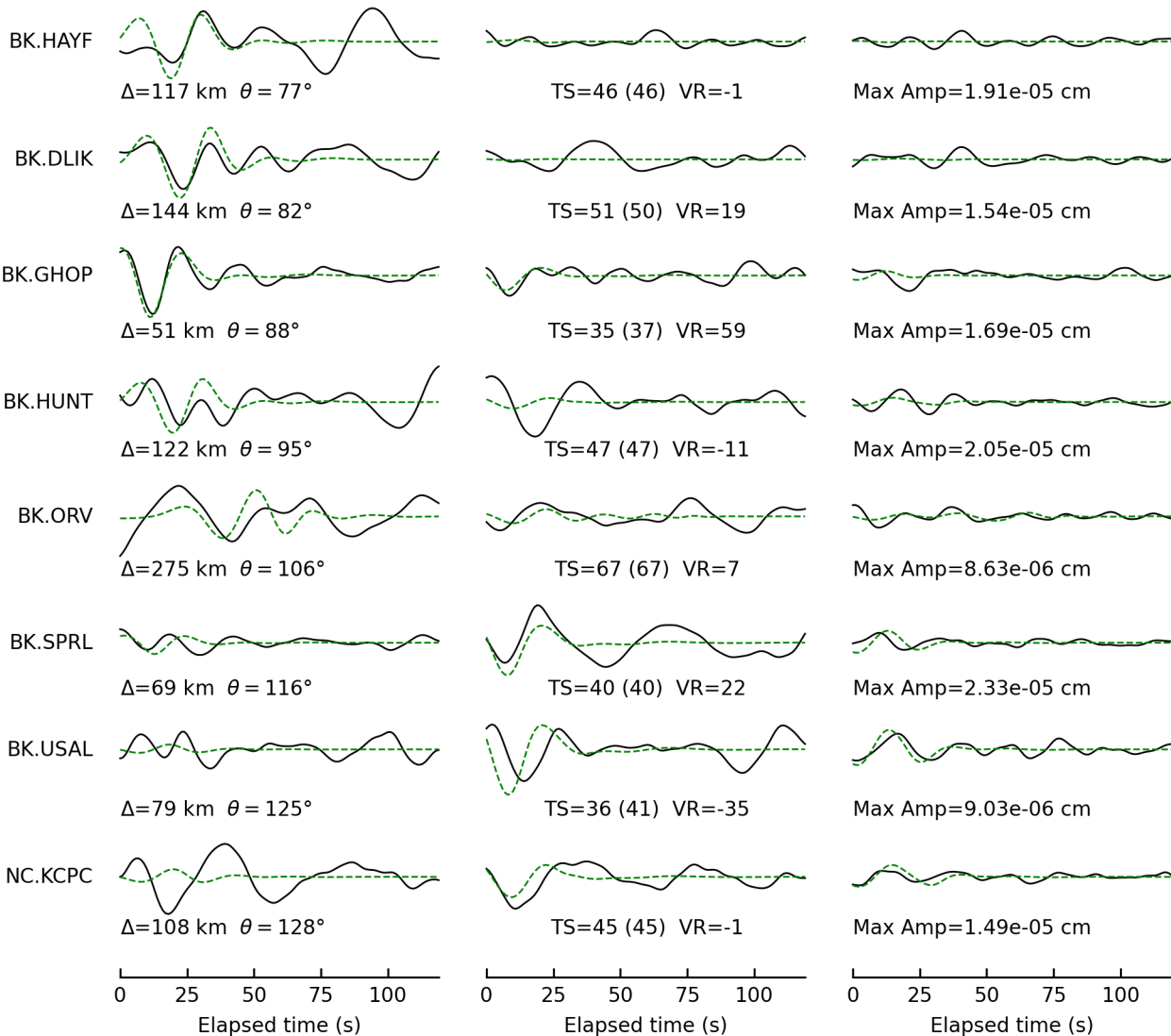
Vertical



Tangential

Radial

Vertical



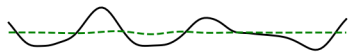
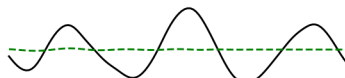


Tangential

Radial

Vertical

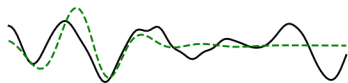
BK.ADAM

 $\Delta=258$  km  $\theta = 131^\circ$ 

TS=64 (64) VR=2

Max Amp= $7.96 \times 10^{-5}$  cm

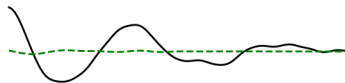
BK.ORRS

 $\Delta=150$  km  $\theta = 139^\circ$ 

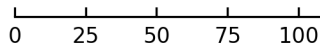
TS=50 (50) VR=17

Max Amp= $9.00 \times 10^{-6}$  cm

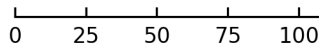
BK.BONV

 $\Delta=179$  km  $\theta = 144^\circ$ 

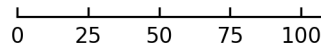
TS=54 (54) VR=-7

Max Amp= $3.71 \times 10^{-5}$  cm

Elapsed time (s)



Elapsed time (s)



Elapsed time (s)

# Deviatoric Moment Tensor Inversion

Evid = 75101006

Depth = 3.0 km

Mw = 4.10

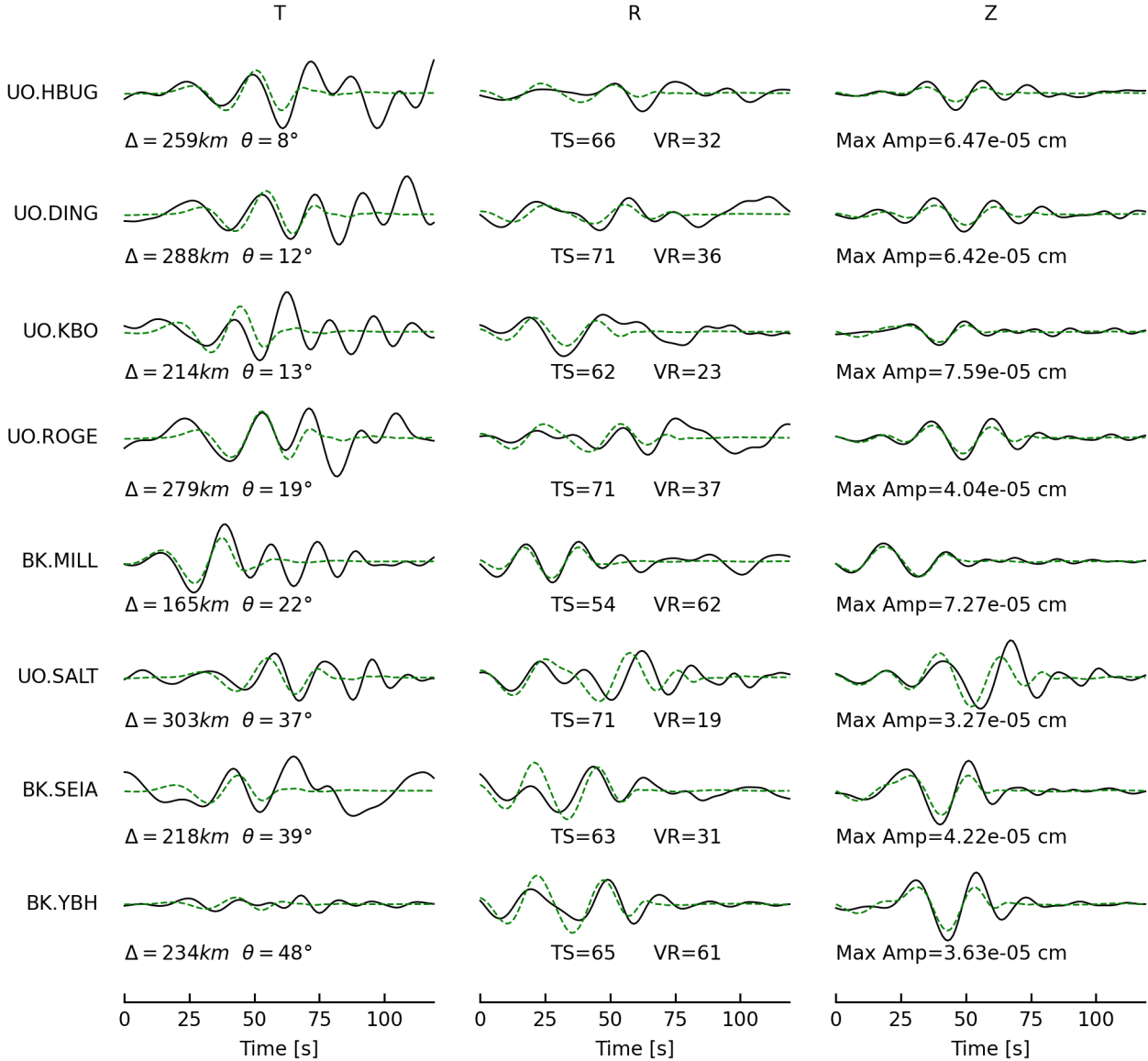
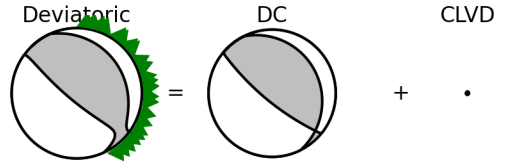
M0 = 1.74e+22 dyne-cm

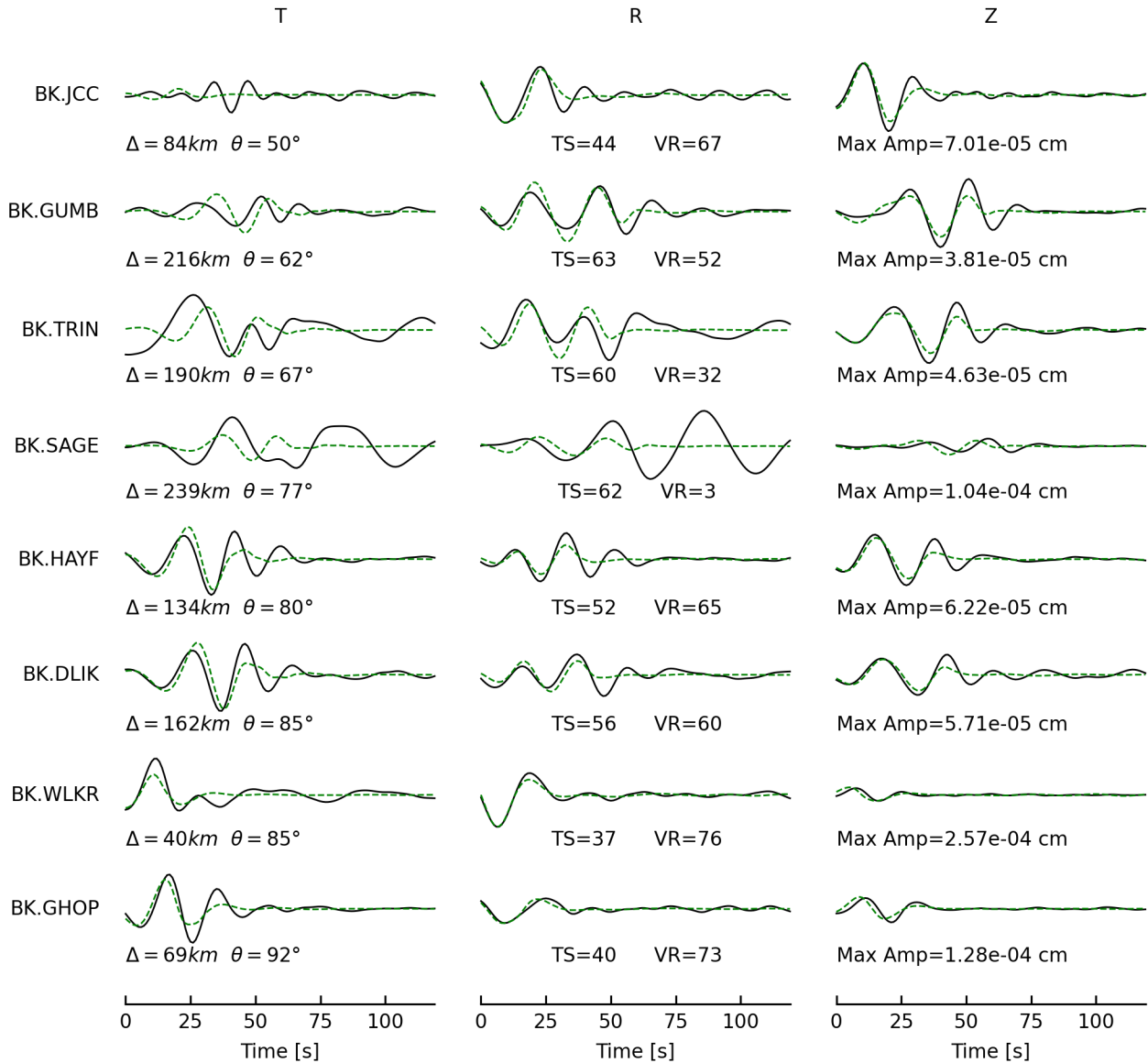
Percent DC/CLVD/ISO = 98/2/0

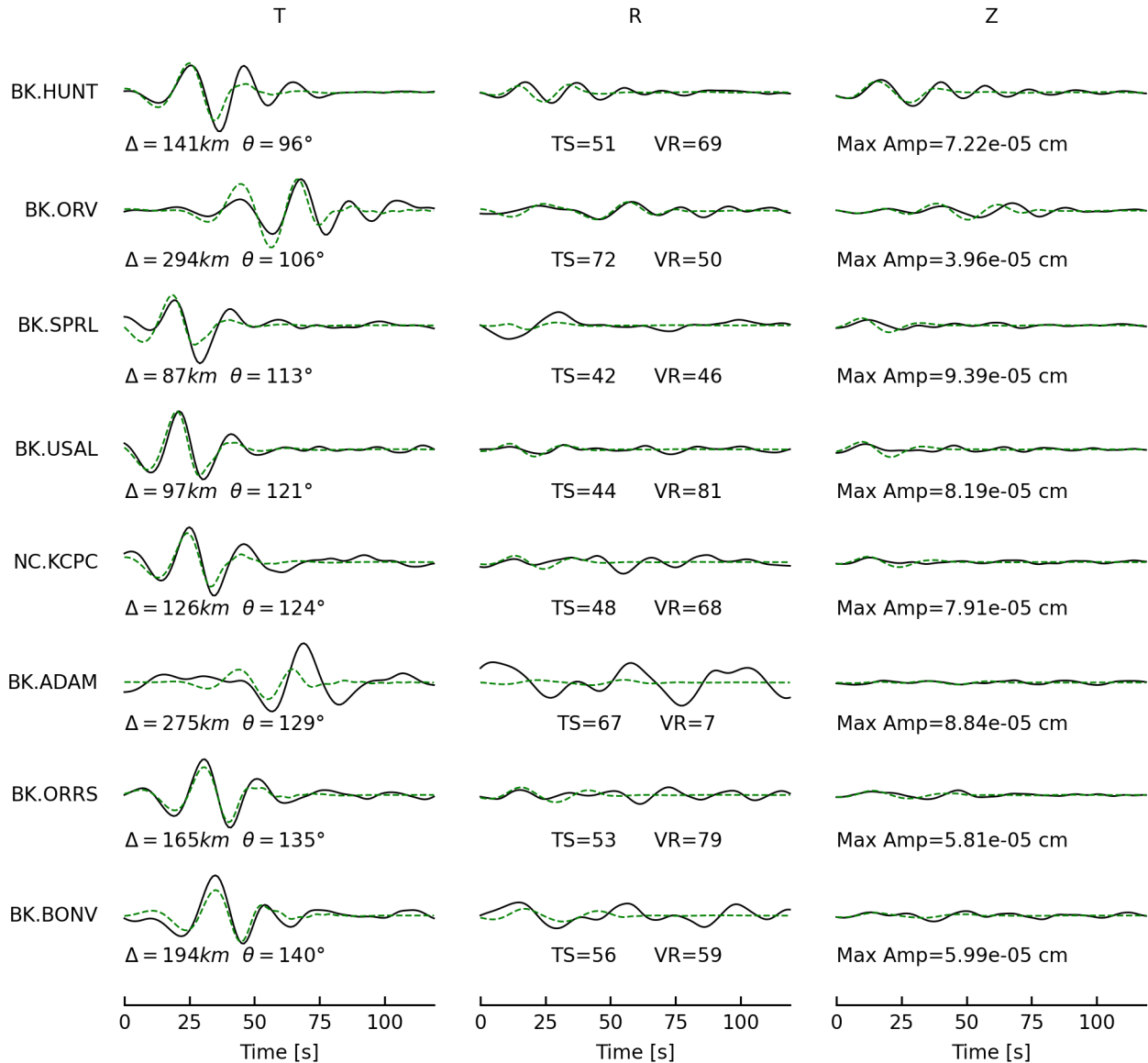
sdr = (129,76,84) (334,16,113)

npts = 120 vred = 7.692 km/s

VR = 37.46% lune:1,0

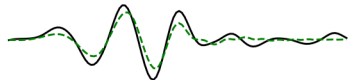




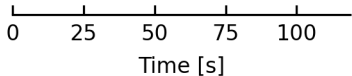


BK.HRCH

T



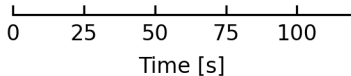
$\Delta = 236km$   $\theta = 145^\circ$



R



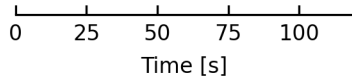
TS=61 VR=71



Z



Max Amp=4.00e-05 cm



# Deviatoric Moment Tensor Inversion

Evid = 75101006

Depth = 3.0 km

Mw = 4.10

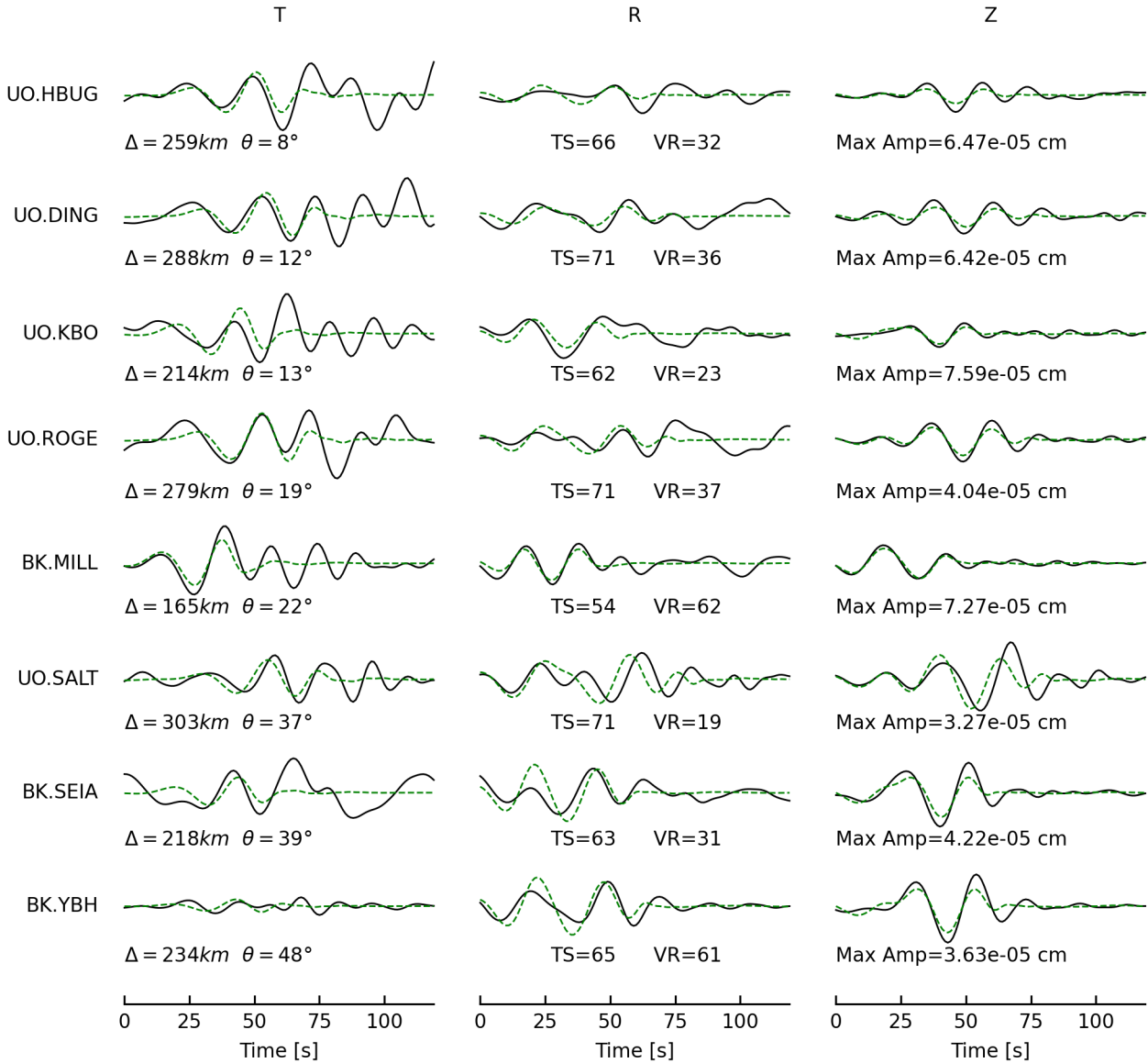
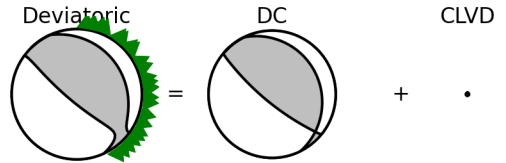
M0 = 1.74e+22 dyne-cm

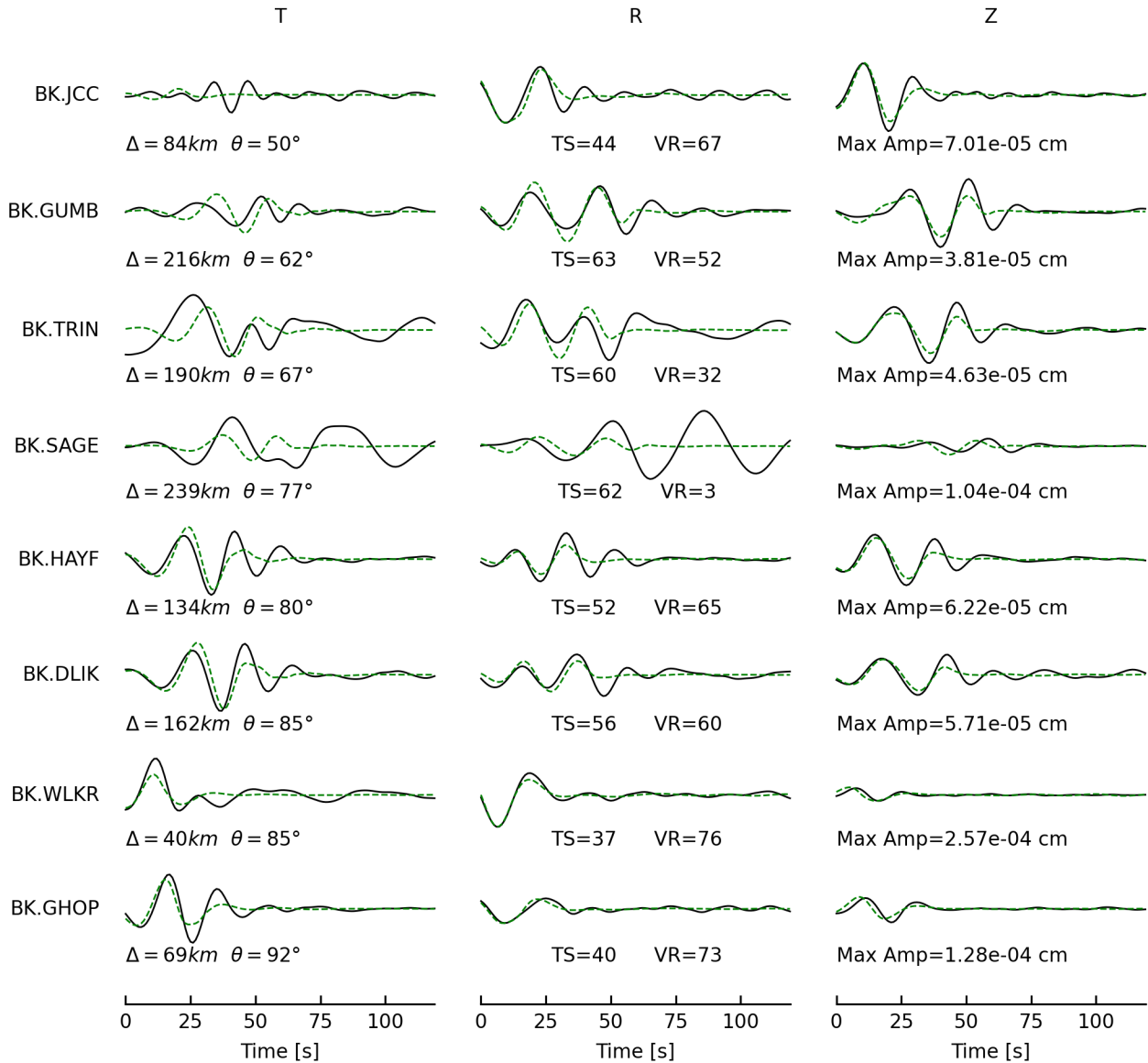
Percent DC/CLVD/ISO = 98/2/0

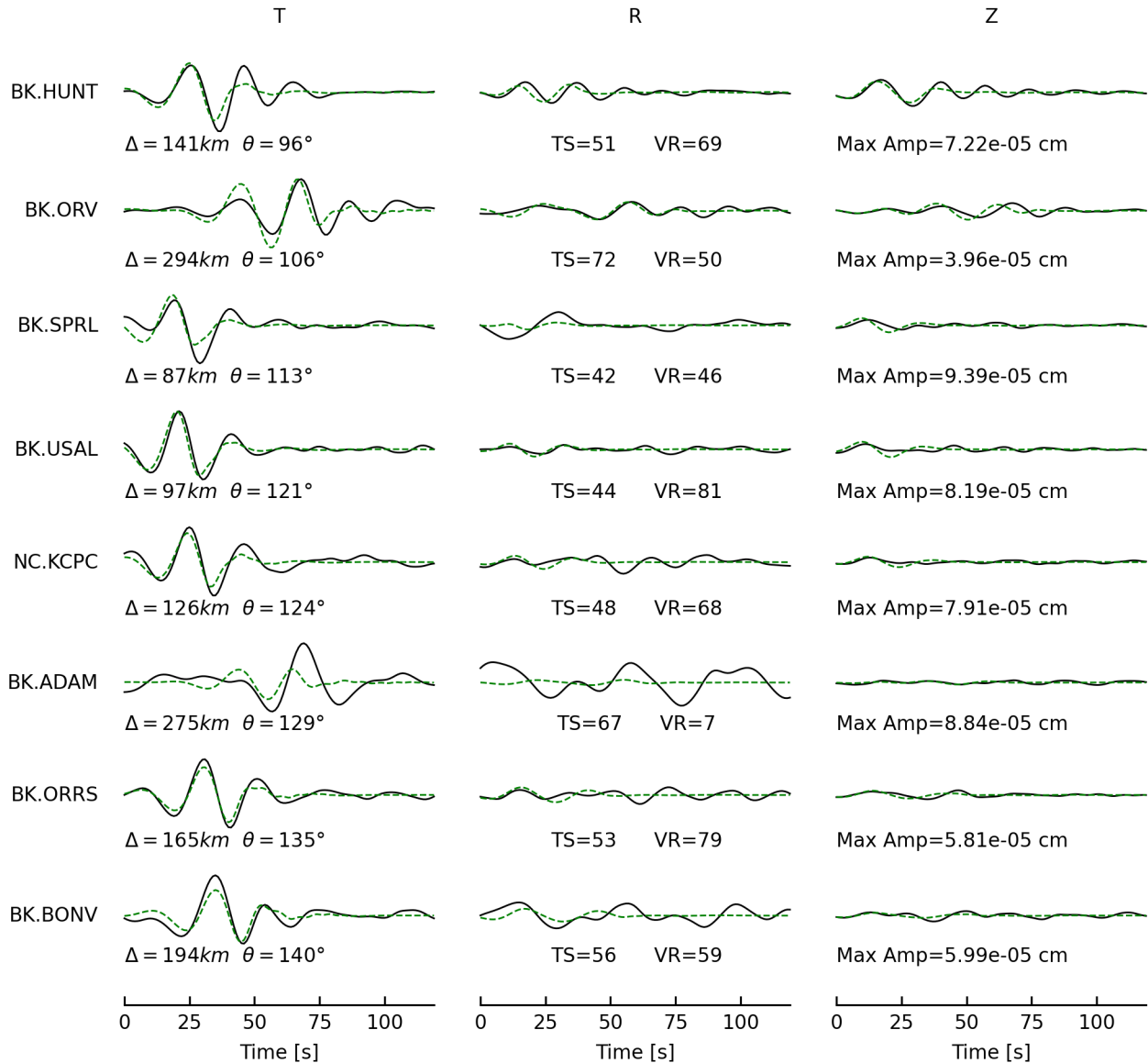
sdr = (129,76,84) (334,16,113)

npts = 120 vred = 7.692 km/s

VR = 37.46% lune:1,0



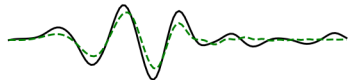




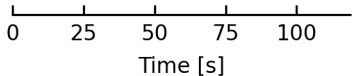


BK.HRCH

T



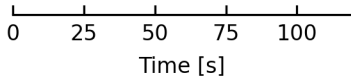
$\Delta = 236km$   $\theta = 145^\circ$



R



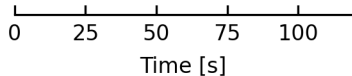
TS=61 VR=71



Z



Max Amp=4.00e-05 cm



# Deviatoric Moment Tensor Inversion

Evid = 75102341

Depth = 12.0 km

Mw = 3.67

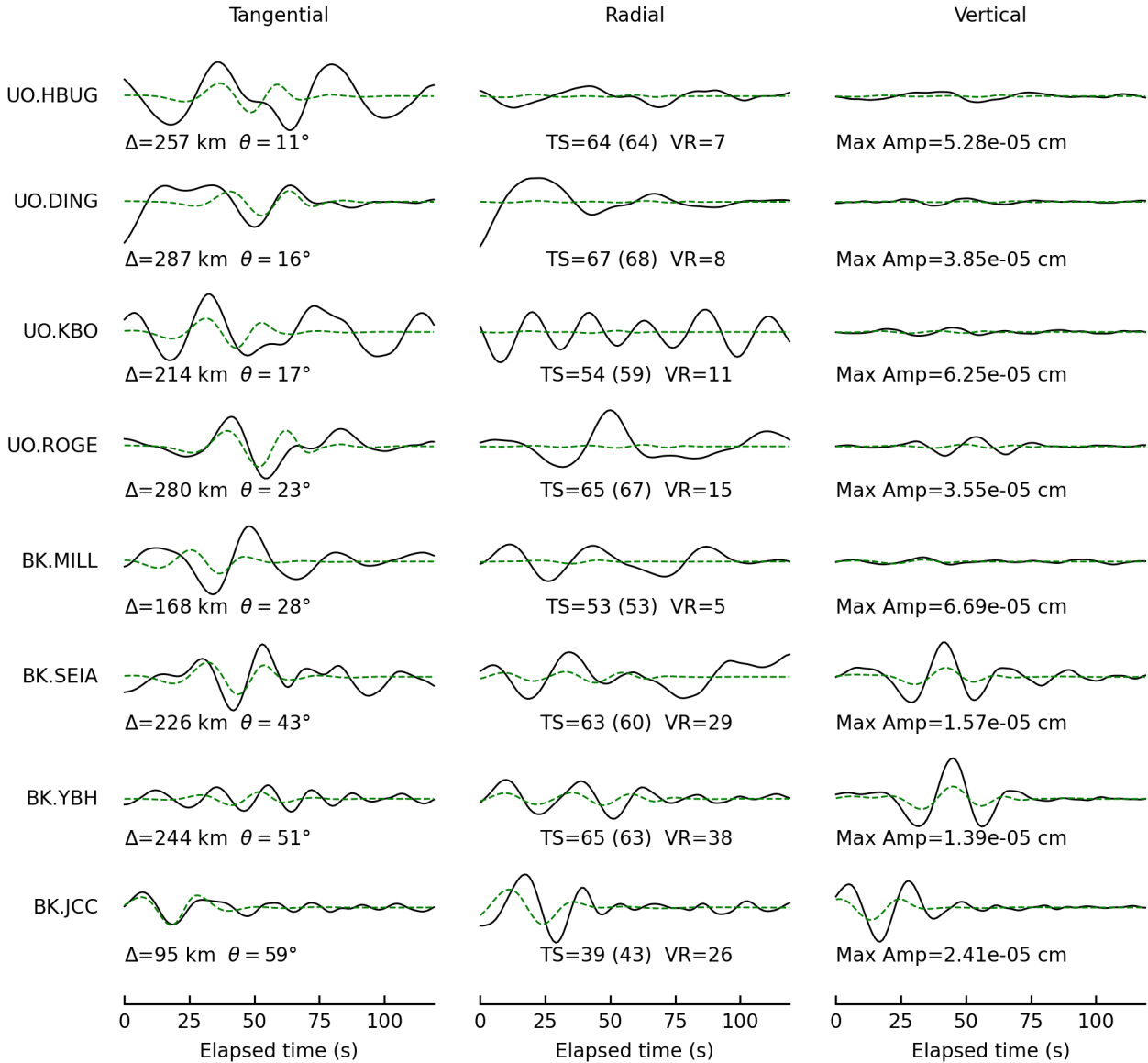
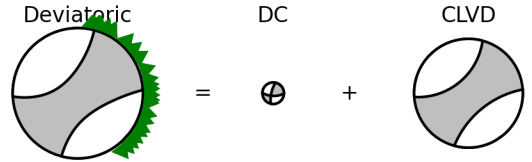
M0 = 3.98e+21 dyne-cm

Percent DC/CLVD/ISO = 17/83/0

sdr = (92,62,158) (192,71,30)

npts = 120 vred = 7.692 km/s

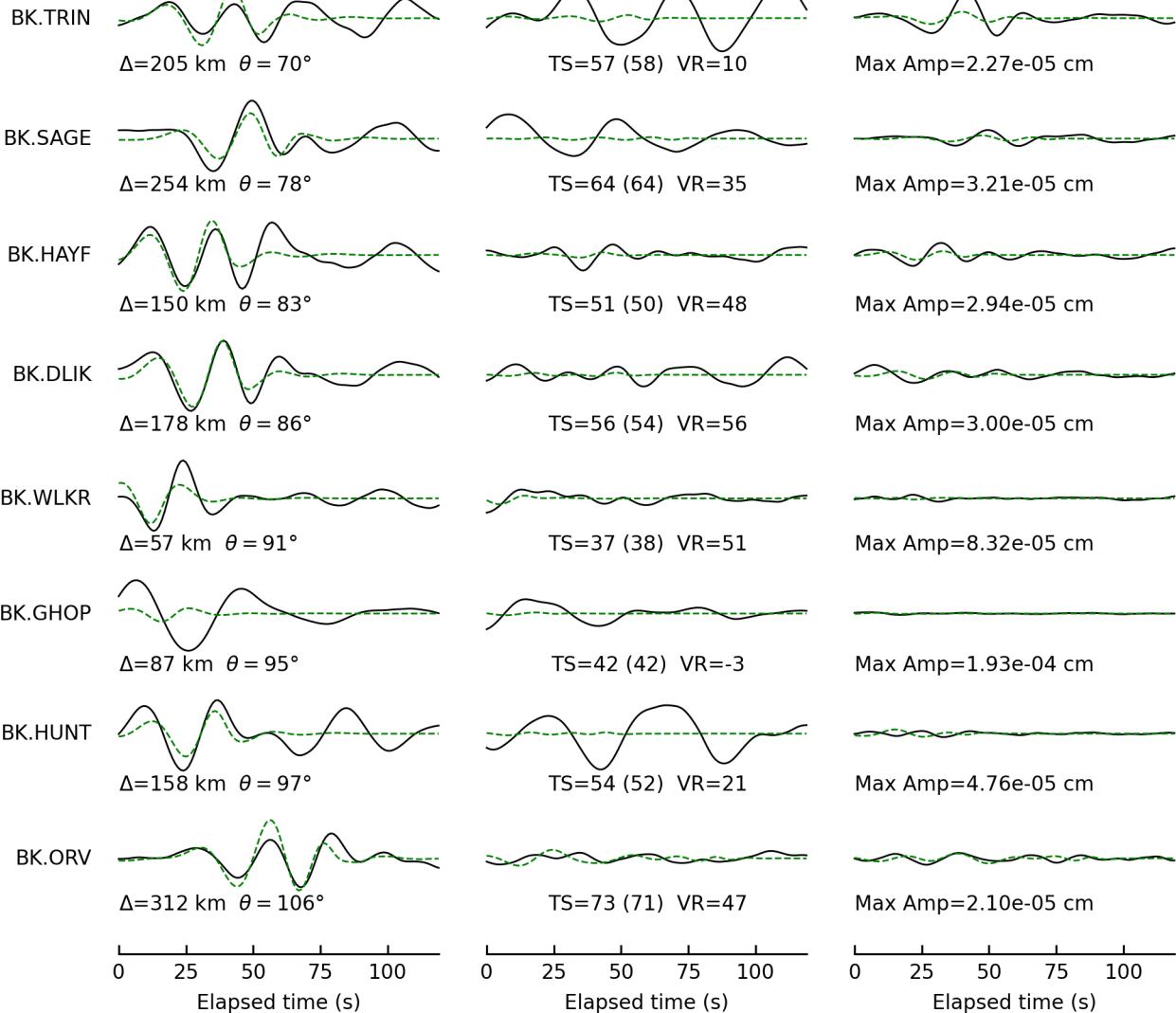
VR = 9.23% lune:25,0



Tangential

Radial

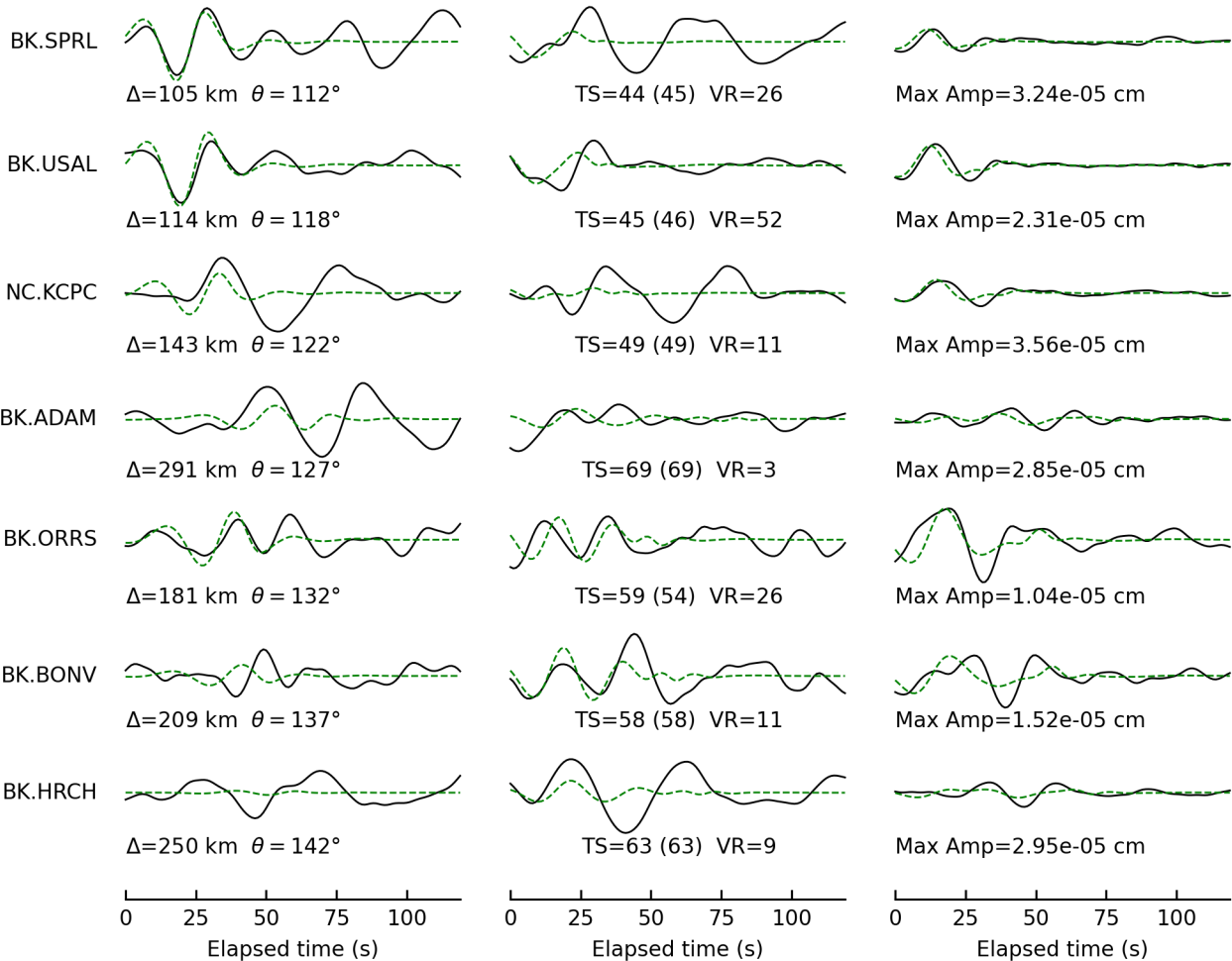
Vertical



Tangential

Radial

Vertical



# Deviatoric Moment Tensor Inversion

Evid = 75102341

Depth = 29.0 km

Mw = 3.84

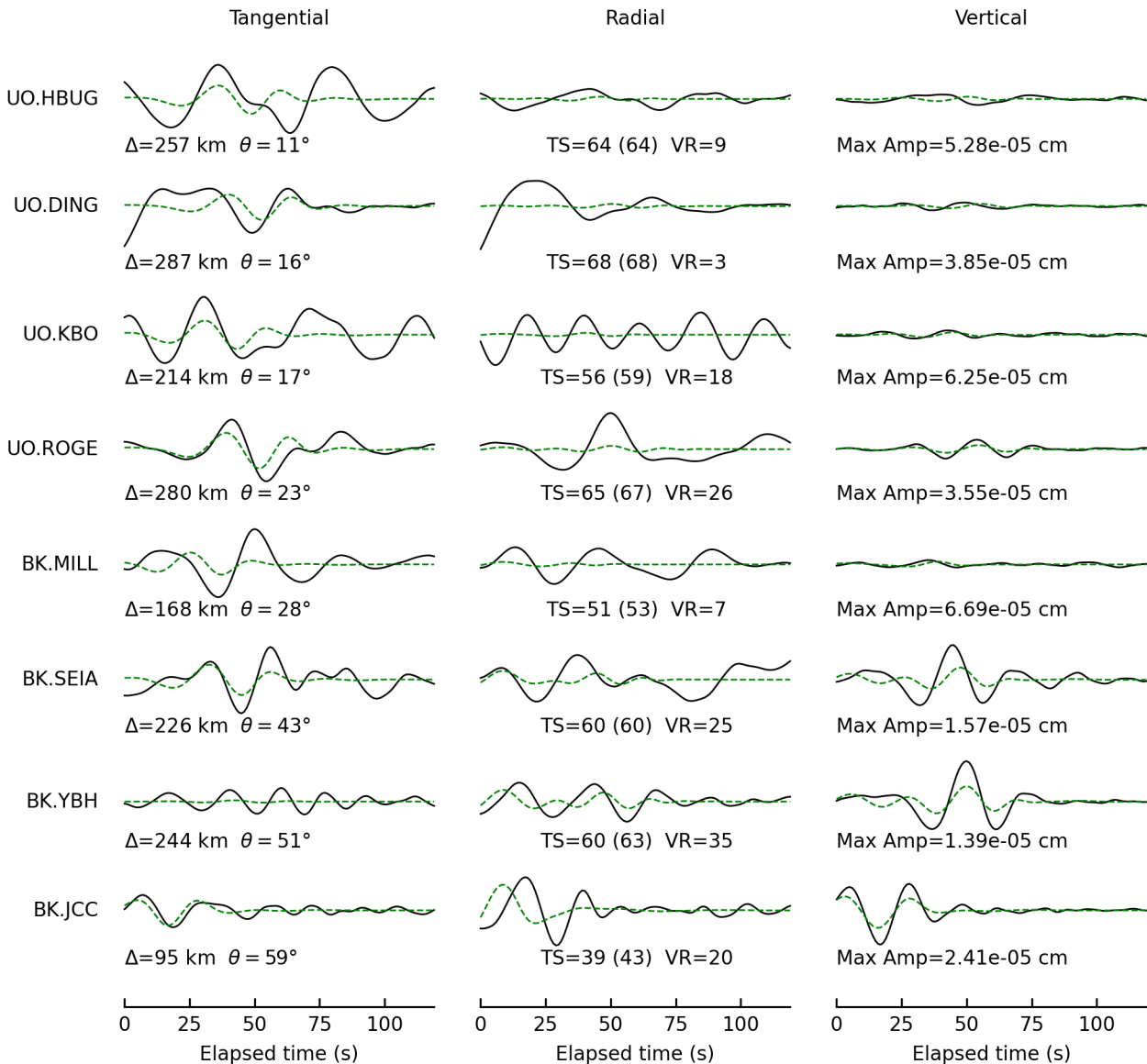
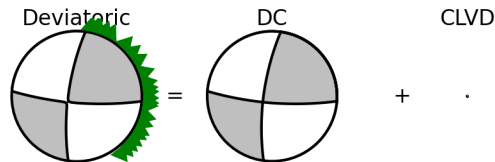
M0 = 7.05e+21 dyne-cm

Percent DC/CLVD/ISO = 100/0/0

sdr = (94,78,165) (188,75,12)

npts = 120 vred = 7.692 km/s

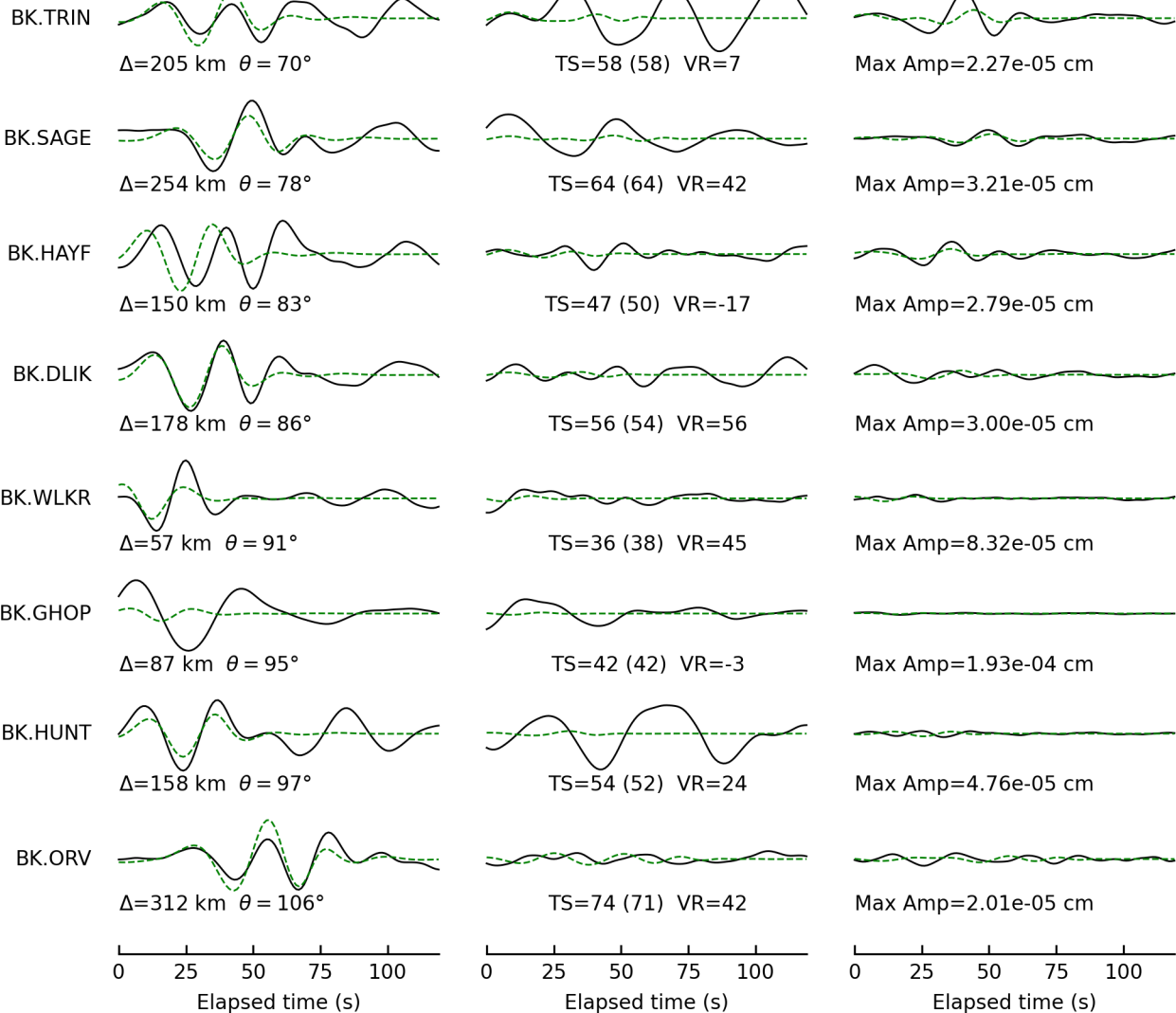
VR = 8.92% lune:0,0



Tangential

Radial

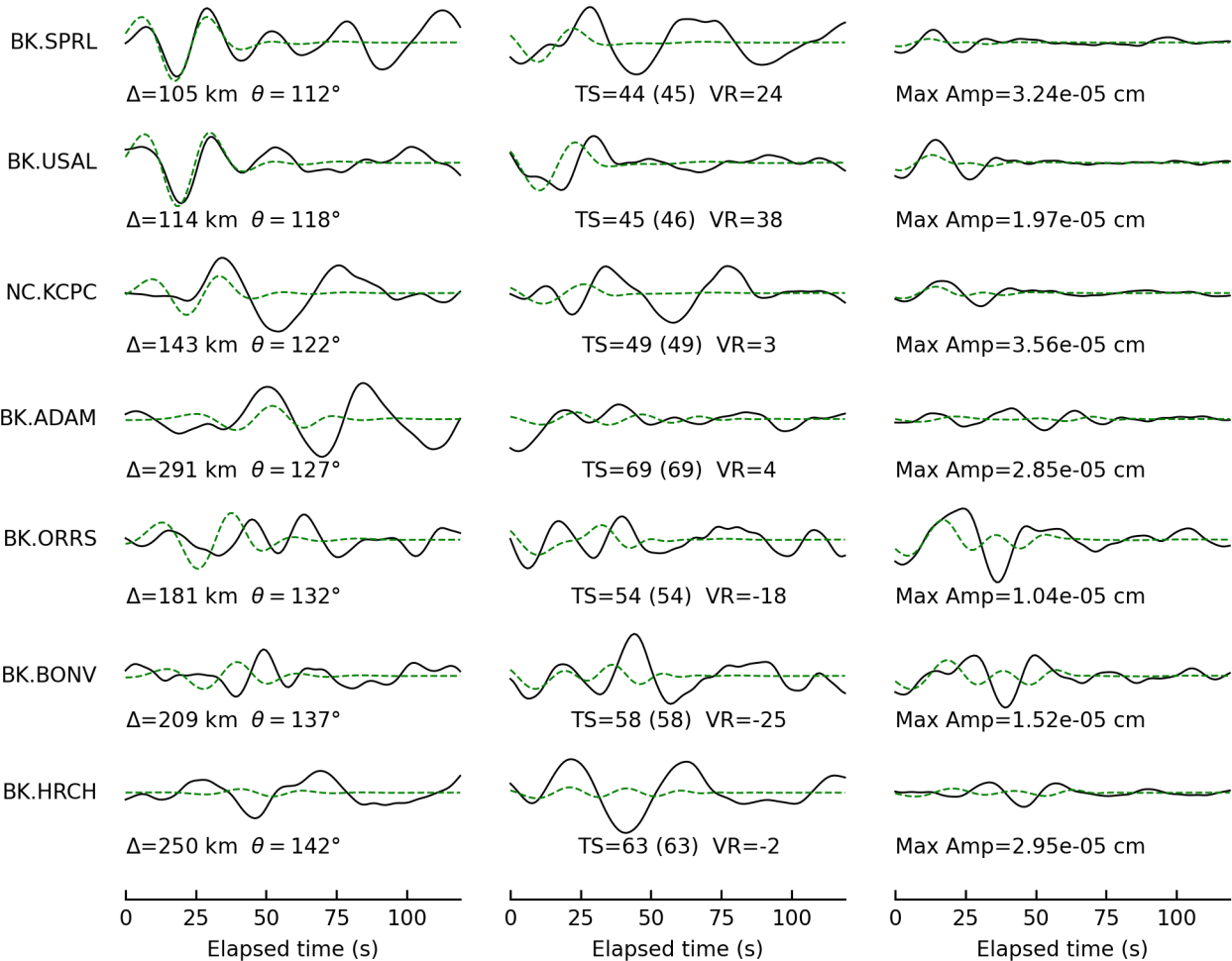
Vertical



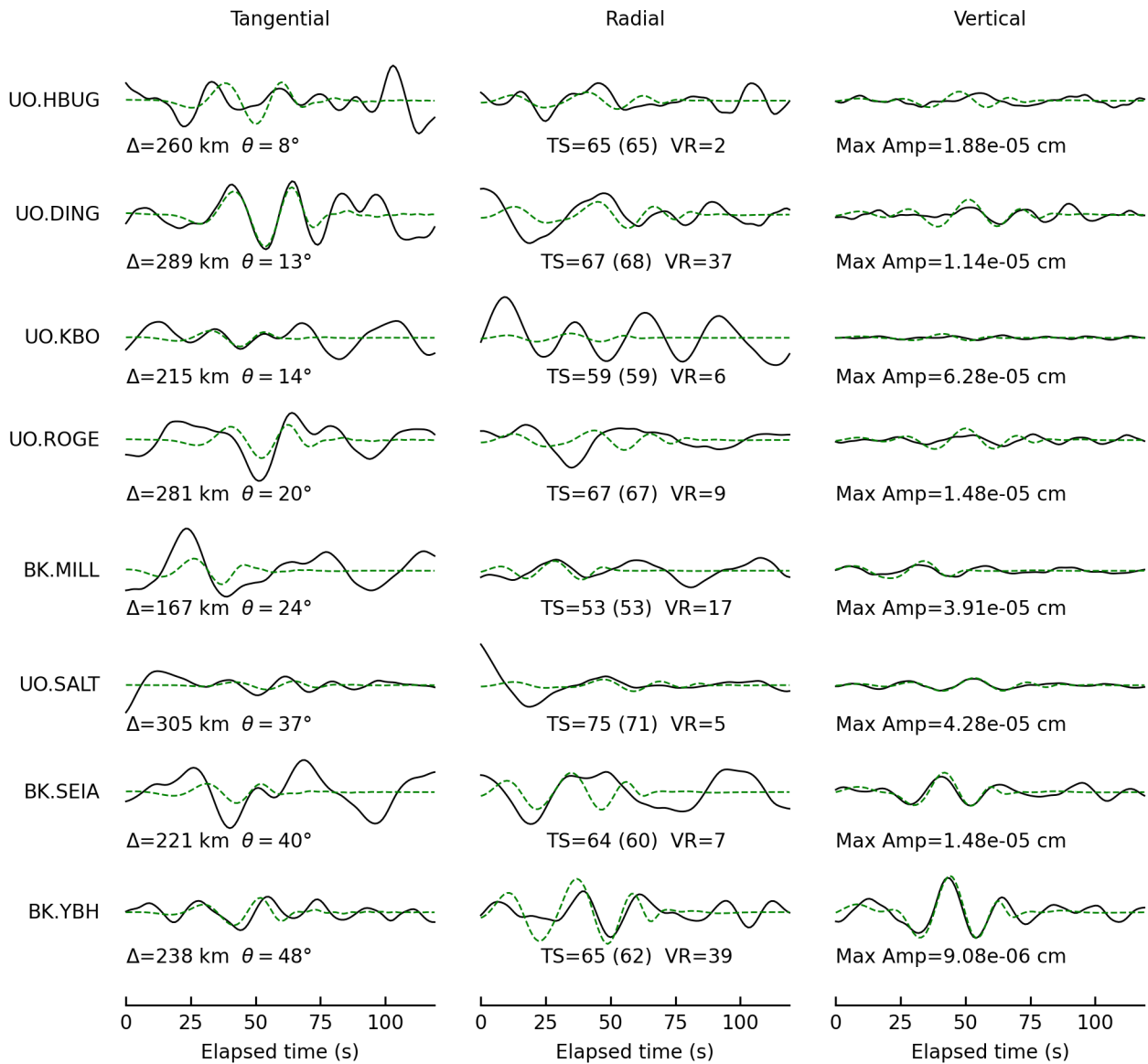
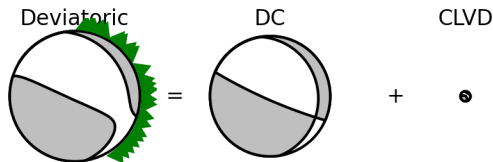
Tangential

Radial

Vertical



Deviatoric Moment Tensor Inversion  
 Evid = 75102586  
 Depth = 1.0 km  
 Mw = 3.78  
 M0 = 5.82e+21 dyne-cm  
 Percent DC/CLVD/ISO = 92/8/0  
 sdr = (351,13,-34) (114,83,-101)  
 npts = 120 vred = 7.692 km/s  
 VR = 1.82% lune:-2,0

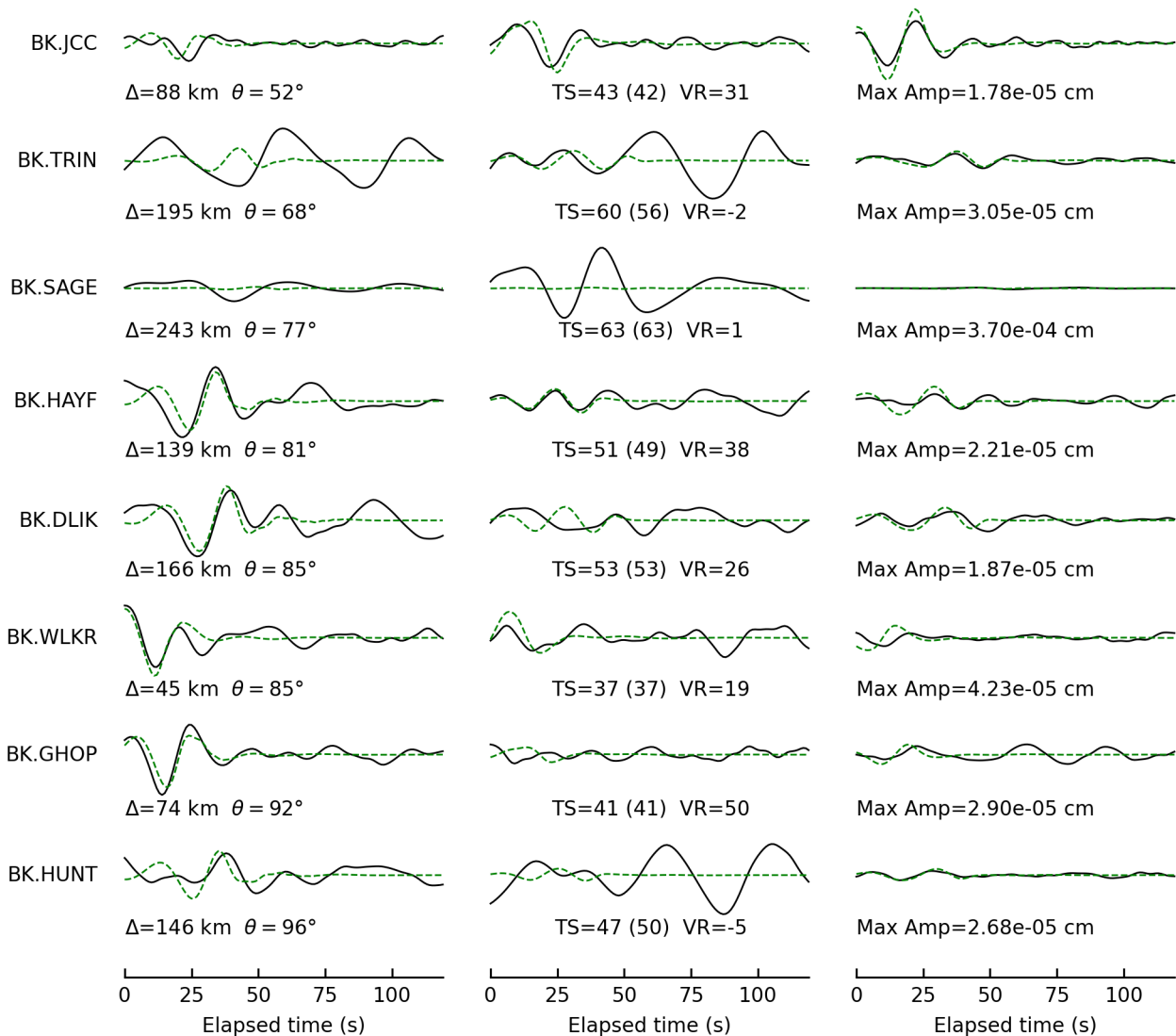




Tangential

Radial

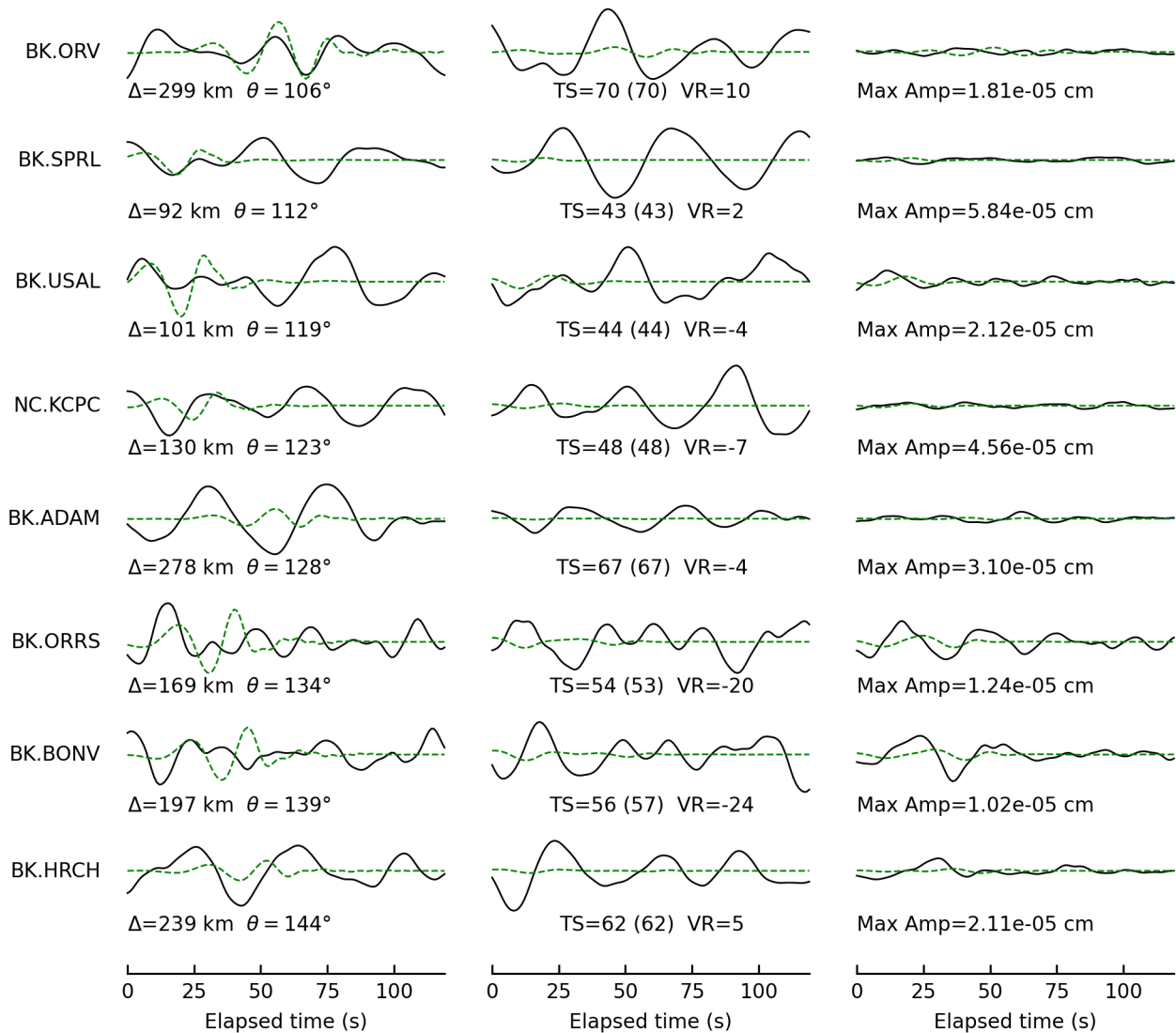
Vertical



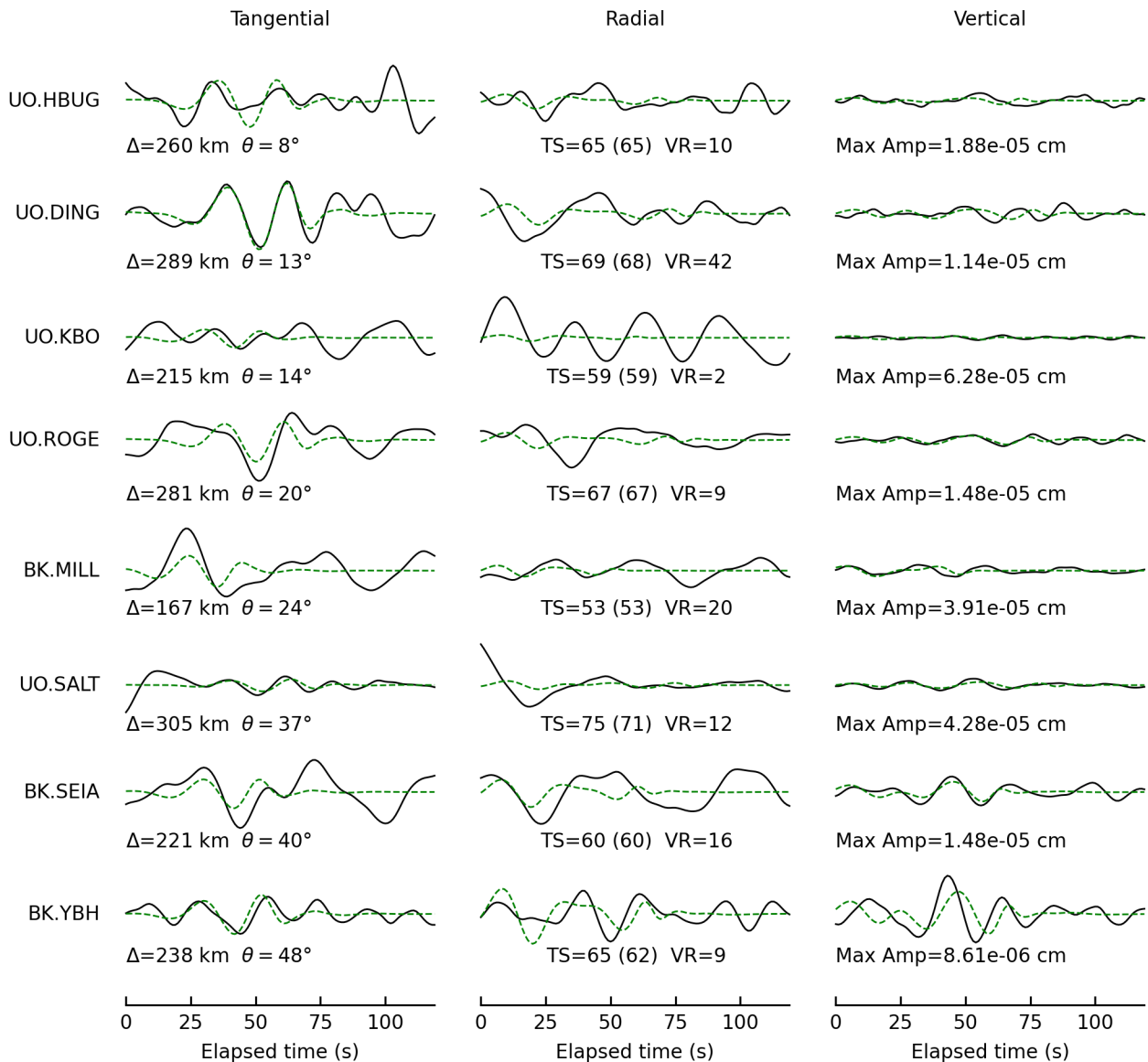
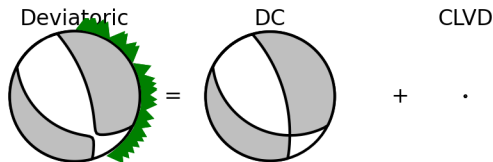
Tangential

Radial

Vertical



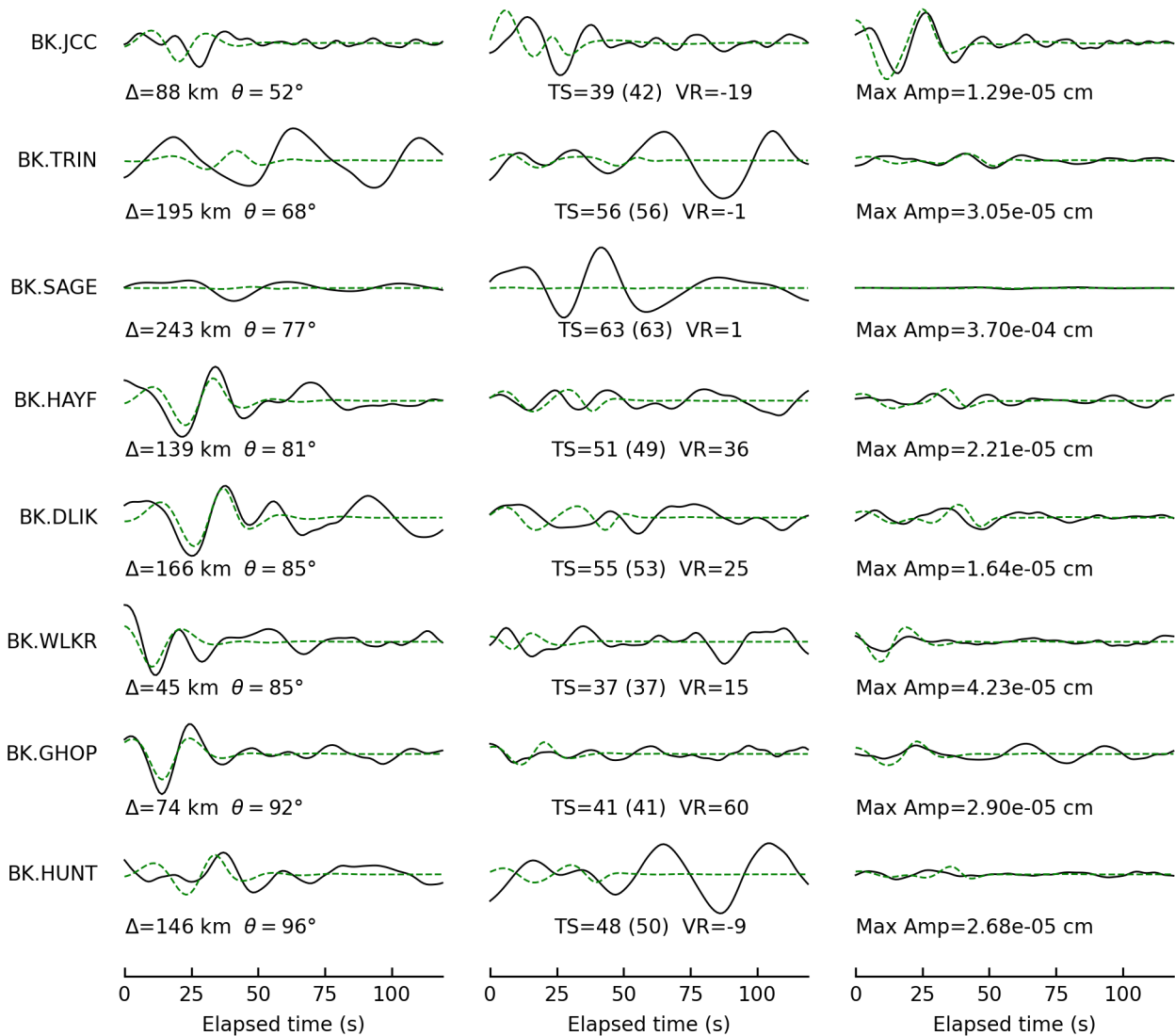
Deviatoric Moment Tensor Inversion  
 Evid = 75102586  
 Depth = 11.0 km  
 Mw = 3.65  
 M0 = 3.66e+21 dyne-cm  
 Percent DC/CLVD/ISO = 99/1/0  
 sdr = (117,34,-131) (344,65,-66)  
 npts = 120 vred = 7.692 km/s  
 VR = 1.49% lune:0,0



Tangential

Radial

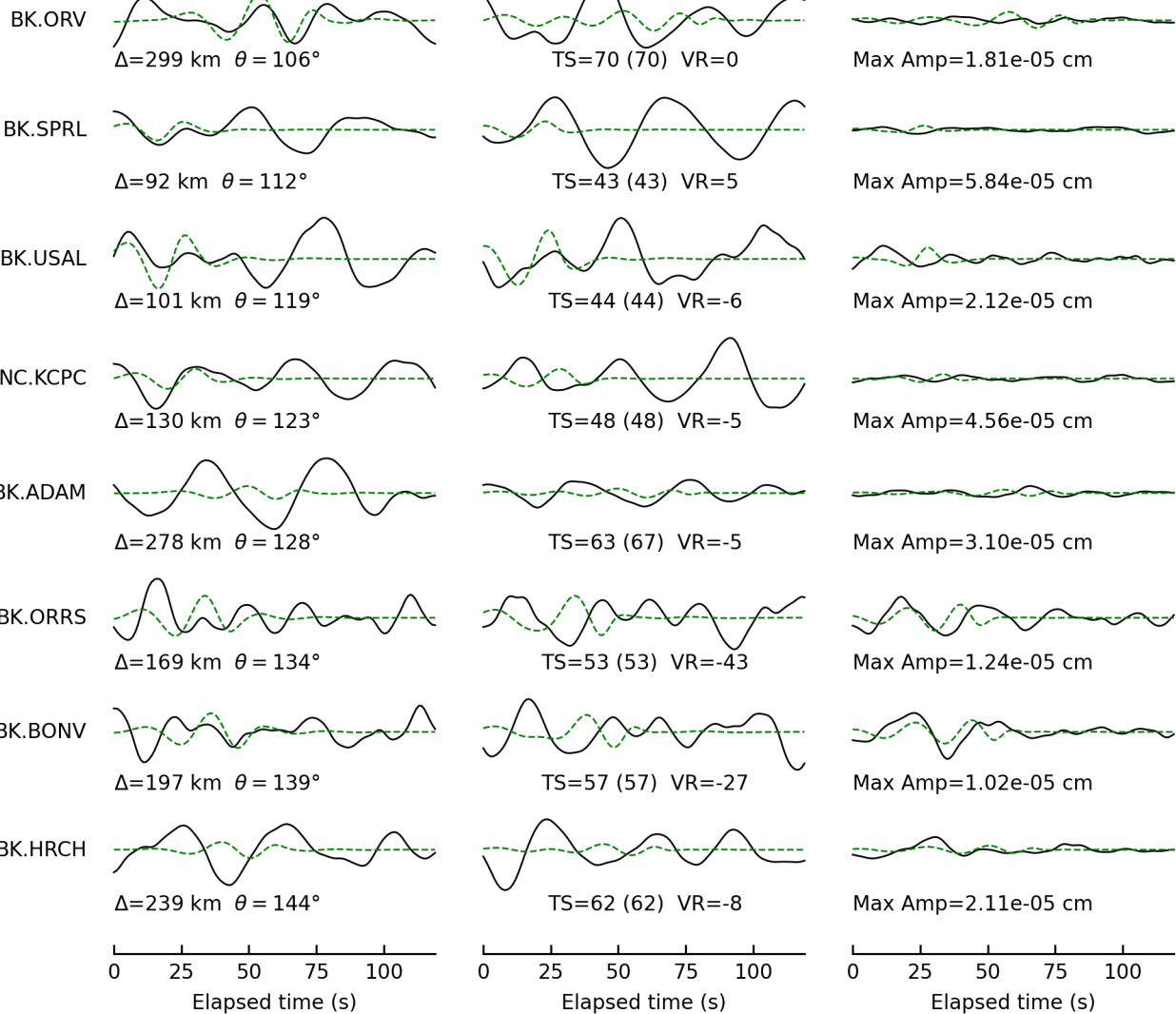
Vertical



Tangential

Radial

Vertical



# Deviatoric Moment Tensor Inversion

Evid = 75103096

Depth = 25.0 km

Mw = 3.92

M0 = 9.41e+21 dyne-cm

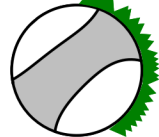
Percent DC/CLVD/ISO = 35/65/0

sdr = (244,35,109) (41,57,77)

npts = 120 vred = 7.692 km/s

VR = 0.92% lune:19,0

Deviatoric



DC



+

CLVD

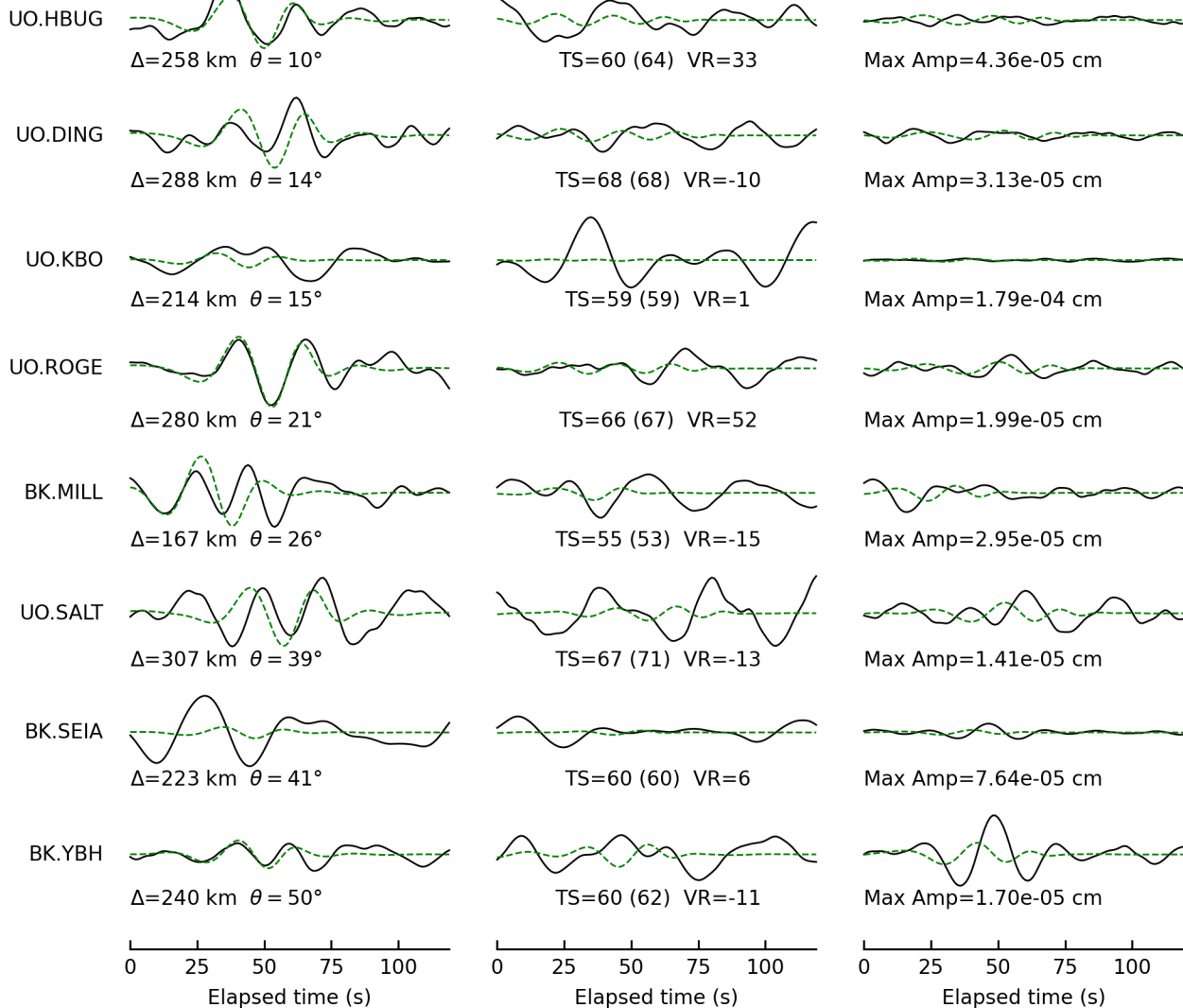


=

Tangential

Radial

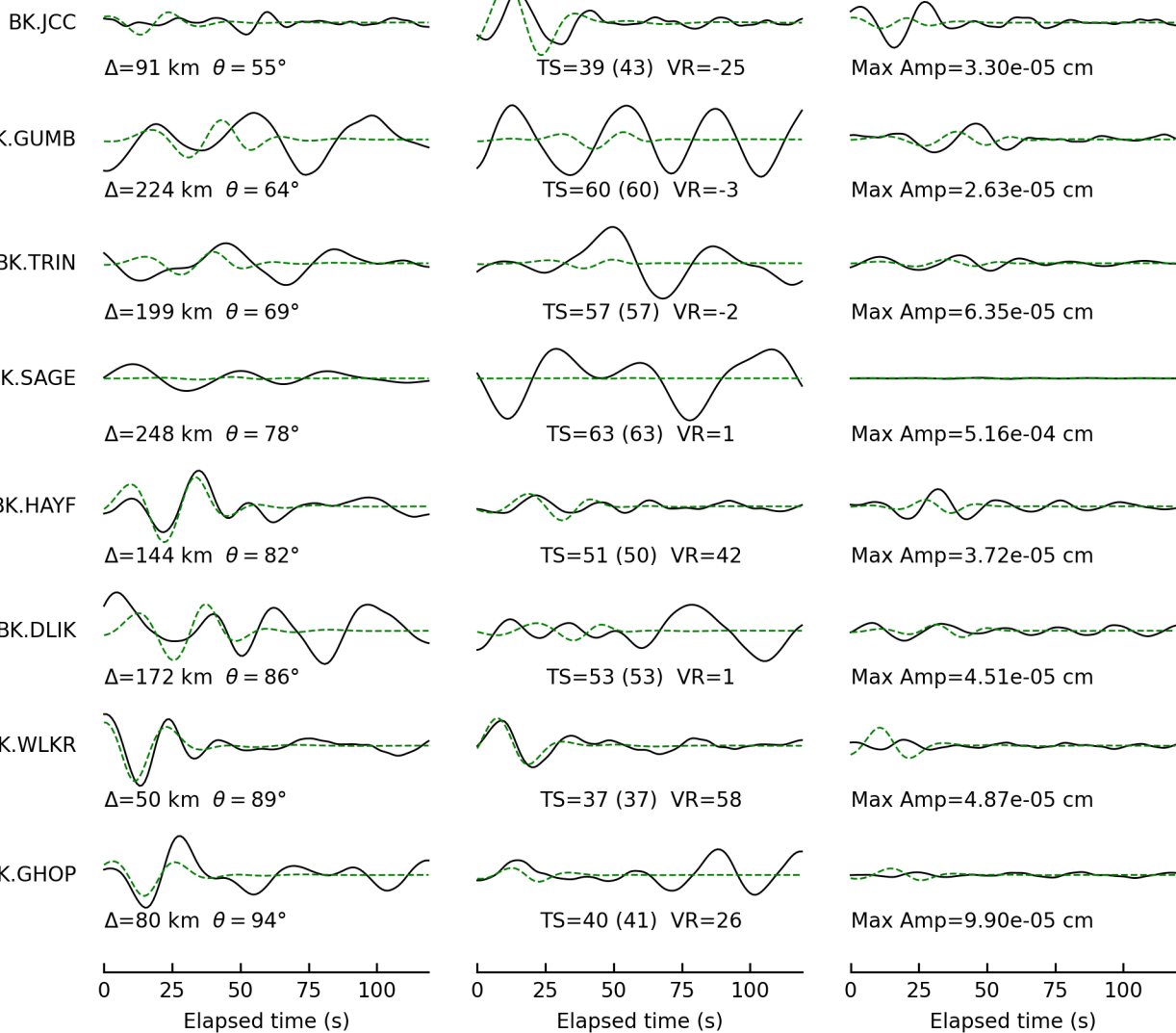
Vertical



Tangential

Radial

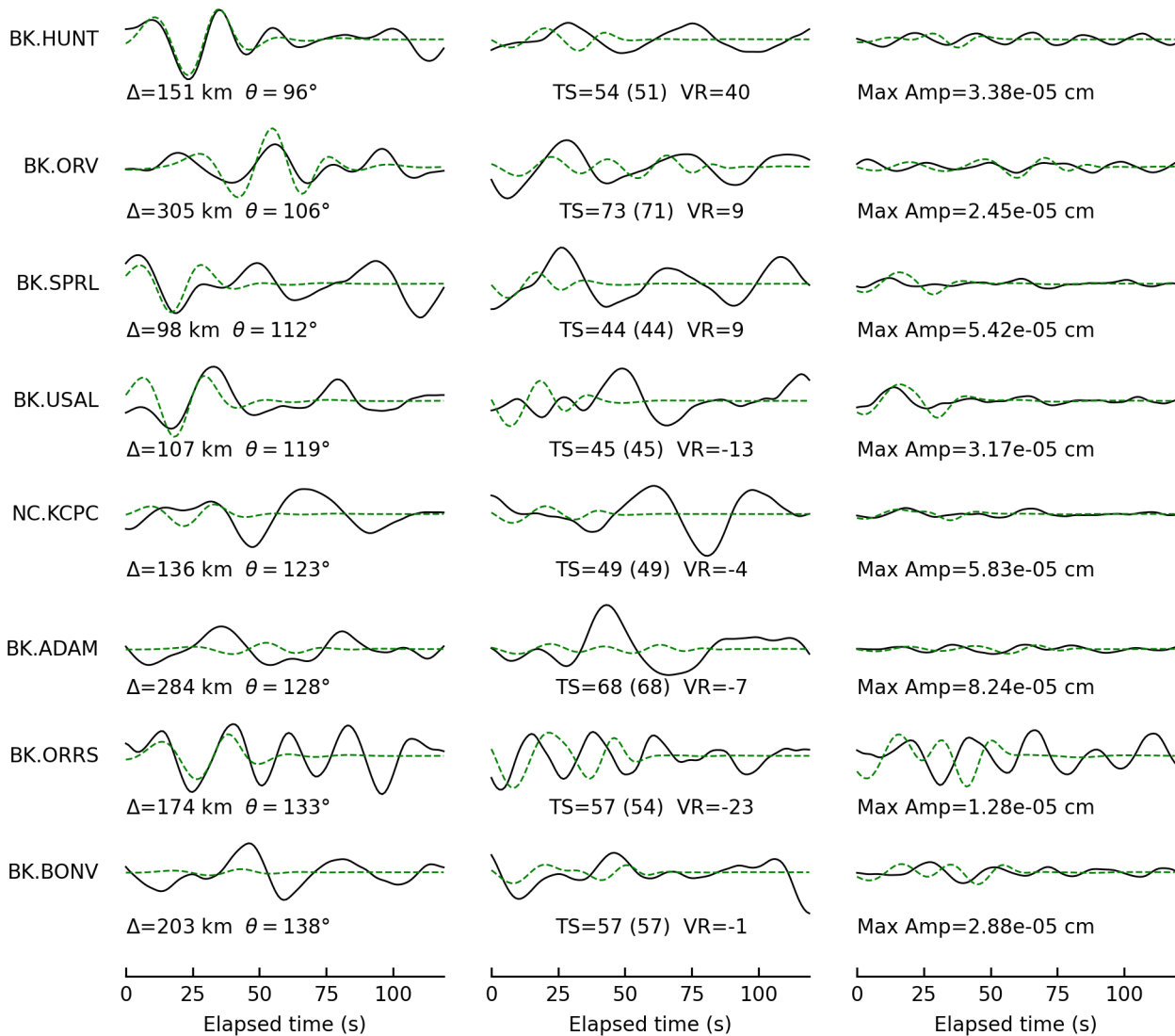
Vertical



Tangential

Radial

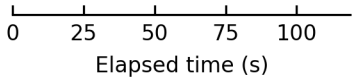
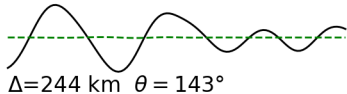
Vertical



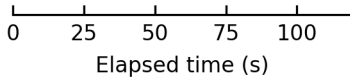
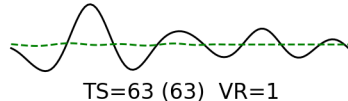


BK.HRCH

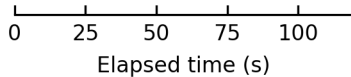
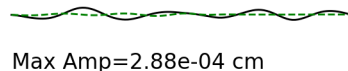
Tangential



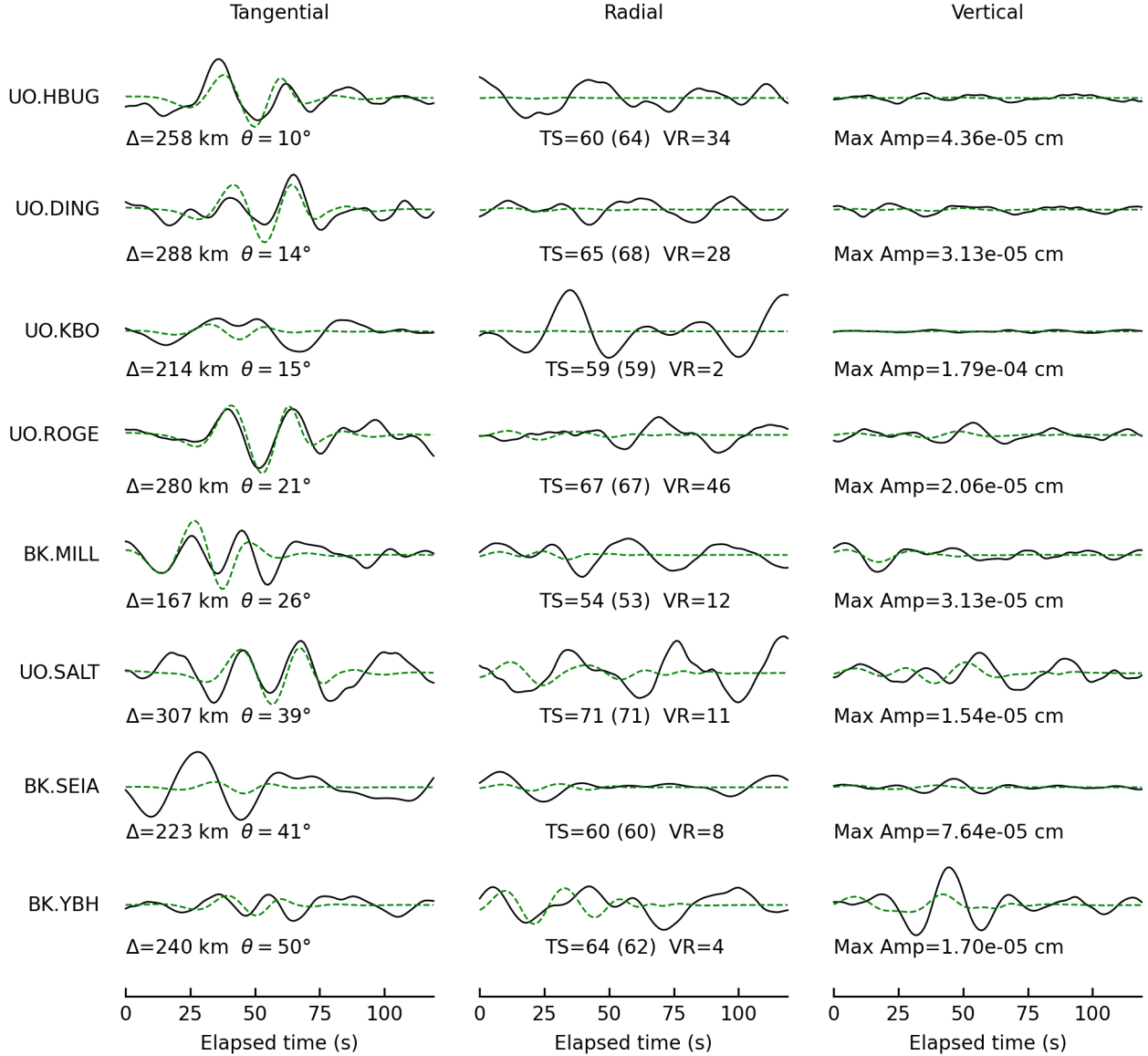
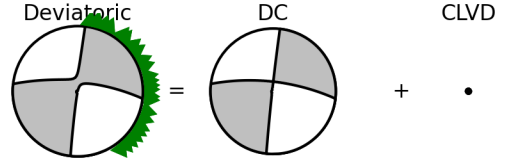
Radial



Vertical



Deviatoric Moment Tensor Inversion  
 Evid = 75103096  
 Depth = 13.0 km  
 Mw = 3.74  
 M0 = 5.12e+21 dyne-cm  
 Percent DC/CLVD/ISO = 96/4/0  
 sdr = (277,73,-178) (186,88,-17)  
 npts = 120 vred = 7.692 km/s  
 VR = 0.87% lune:1,0

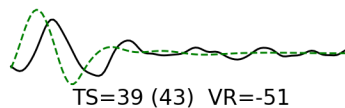


Tangential

Radial

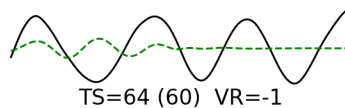
Vertical

BK.JCC

 $\Delta=91$  km  $\theta=55^\circ$ 

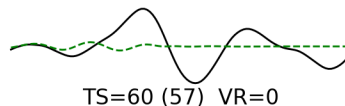
Max Amp=3.49e-05 cm

BK.GUMB

 $\Delta=224$  km  $\theta=64^\circ$ 

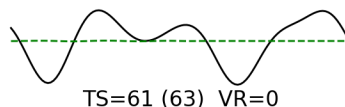
Max Amp=3.17e-05 cm

BK.TRIN

 $\Delta=199$  km  $\theta=69^\circ$ 

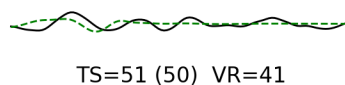
Max Amp=6.35e-05 cm

BK.SAGE

 $\Delta=248$  km  $\theta=78^\circ$ 

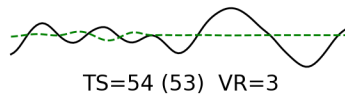
Max Amp=5.16e-04 cm

BK.HAYF

 $\Delta=144$  km  $\theta=82^\circ$ 

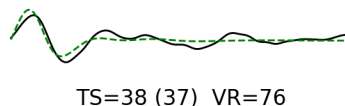
Max Amp=3.72e-05 cm

BK.DLIK

 $\Delta=172$  km  $\theta=86^\circ$ 

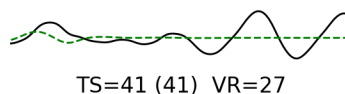
Max Amp=4.51e-05 cm

BK.WLKR

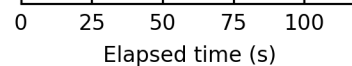
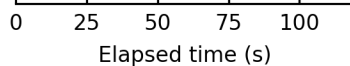
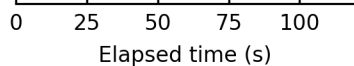
 $\Delta=50$  km  $\theta=89^\circ$ 

Max Amp=4.87e-05 cm

BK.GHOP

 $\Delta=80$  km  $\theta=94^\circ$ 

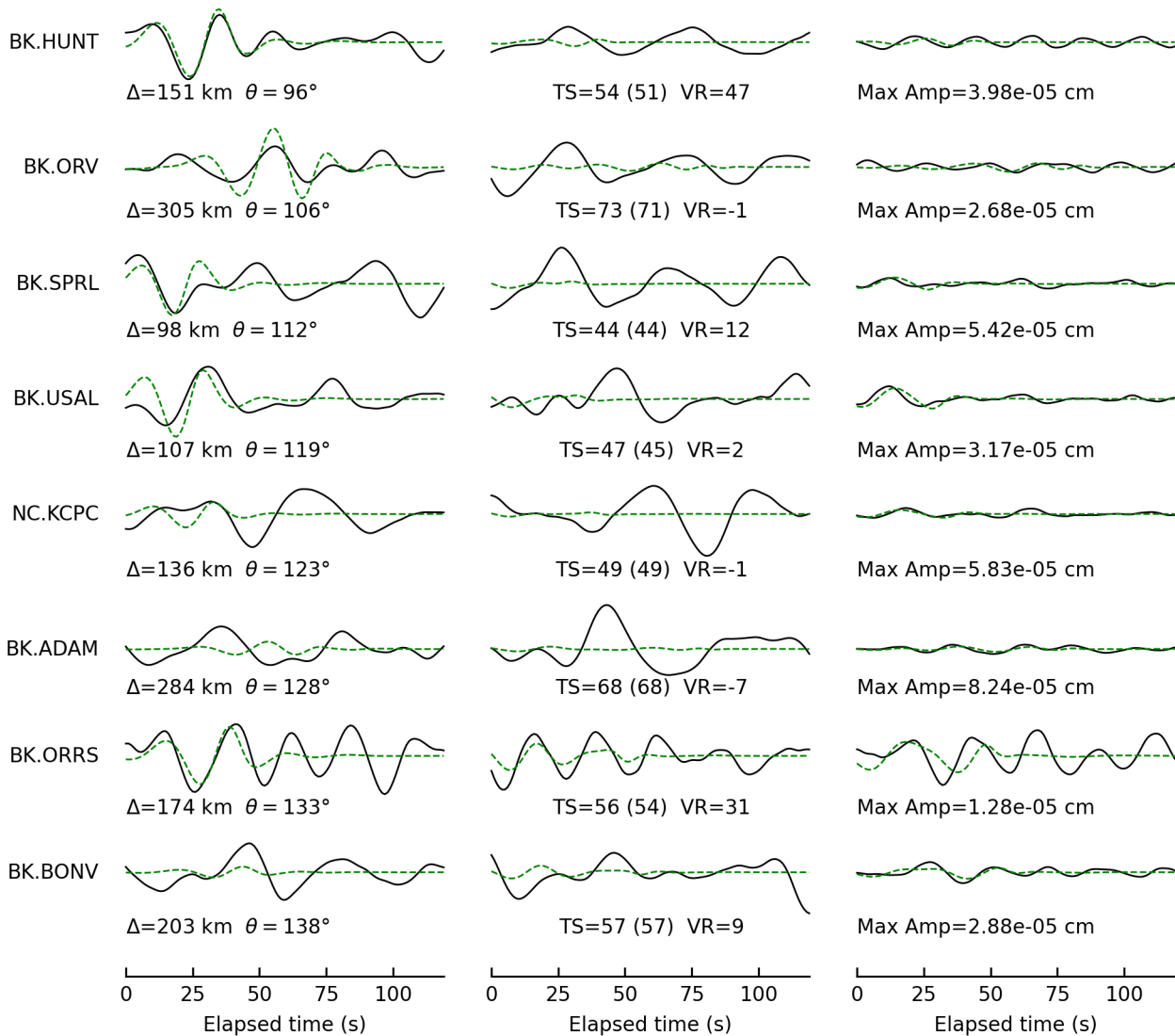
Max Amp=9.90e-05 cm



Tangential

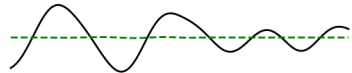
Radial

Vertical

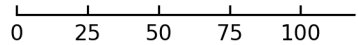


BK.HRCH

Tangential

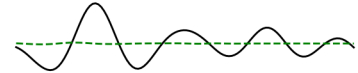


$\Delta=244$  km  $\theta = 143^\circ$

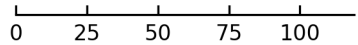


Elapsed time (s)

Radial



TS=63 (63) VR=1

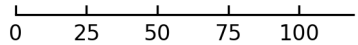


Elapsed time (s)

Vertical

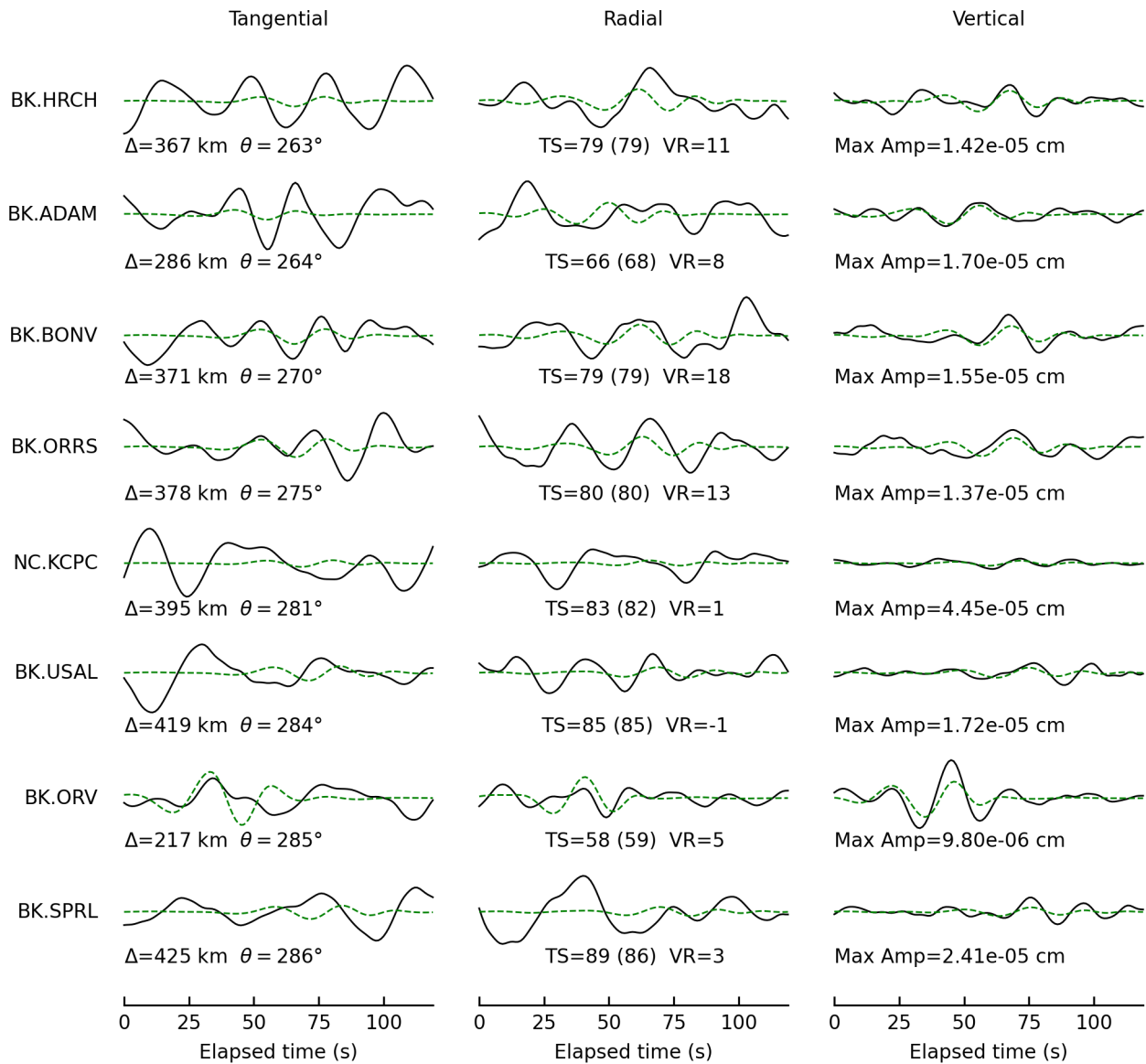
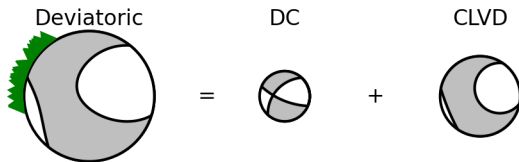


Max Amp=2.88e-04 cm



Elapsed time (s)

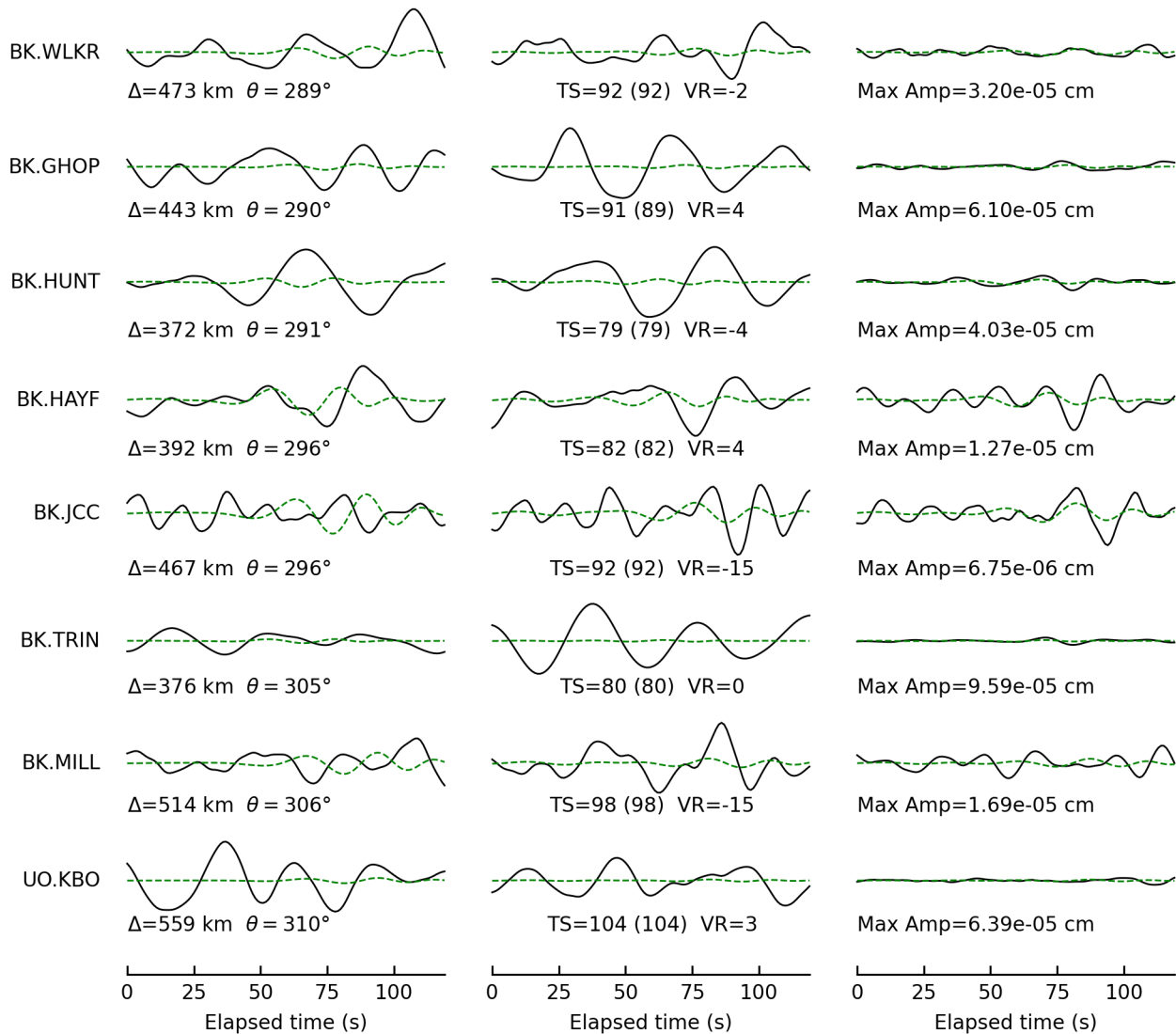
Deviatoric Moment Tensor Inversion  
 Evid = 75103256  
 Depth = 33.0 km  
 Mw = 3.64  
 M0 = 3.64e+21 dyne-cm  
 Percent DC/CLVD/ISO = 39/61/0  
 sdr = (222,47,-152) (113,70,-47)  
 npts = 120 vred = 7.692 km/s  
 VR = 1.04% lune:17,0

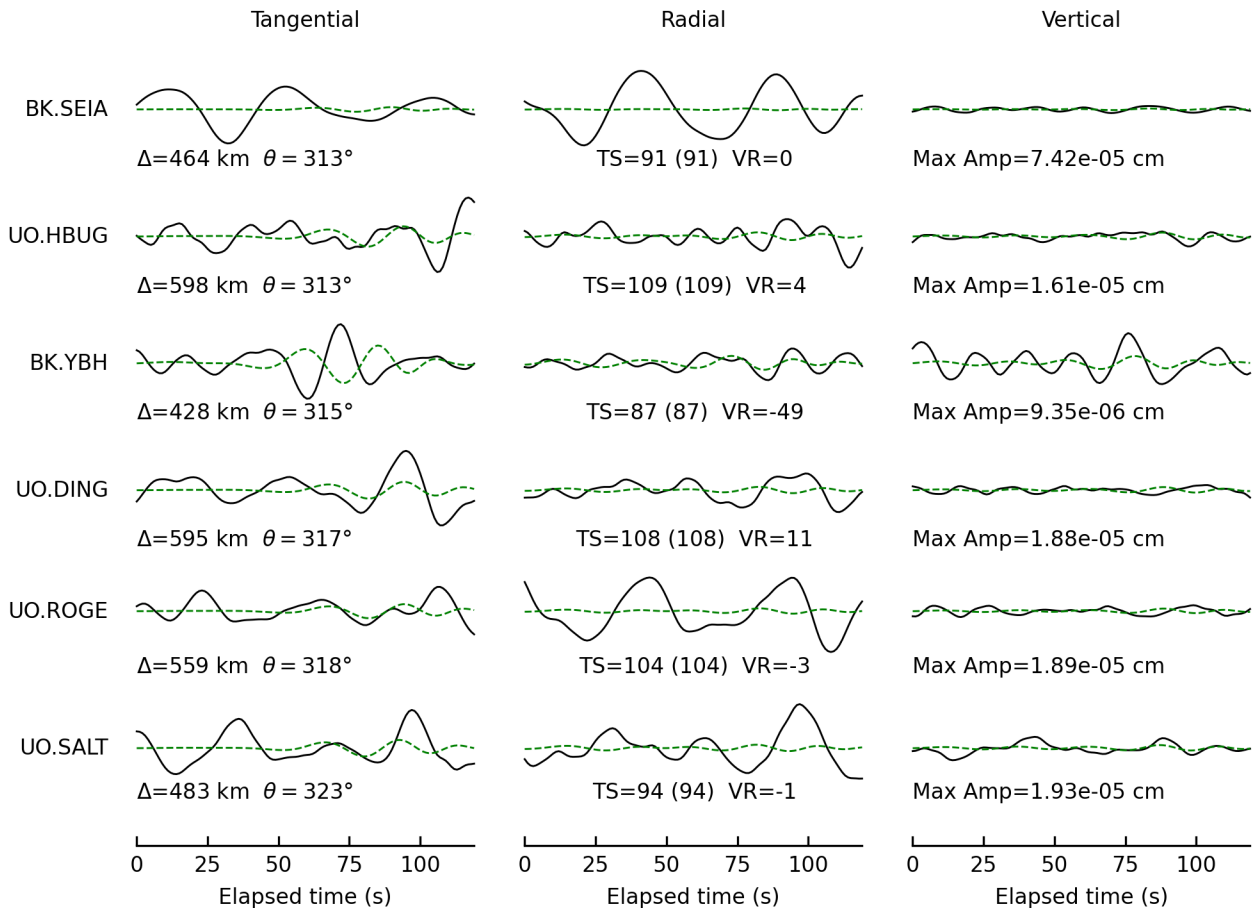


Tangential

Radial

Vertical







# Deviatoric Moment Tensor Inversion

Evid = 75103256

Depth = 8.0 km

Mw = 3.59

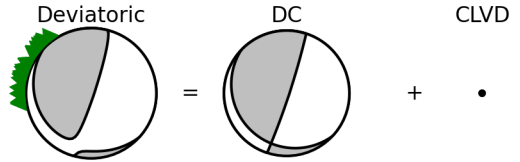
M0 = 2.99e+21 dyne-cm

Percent DC/CLVD/ISO = 96/4/0

sdr = (133,11,26) (18,85,100)

npts = 120 vred = 7.692 km/s

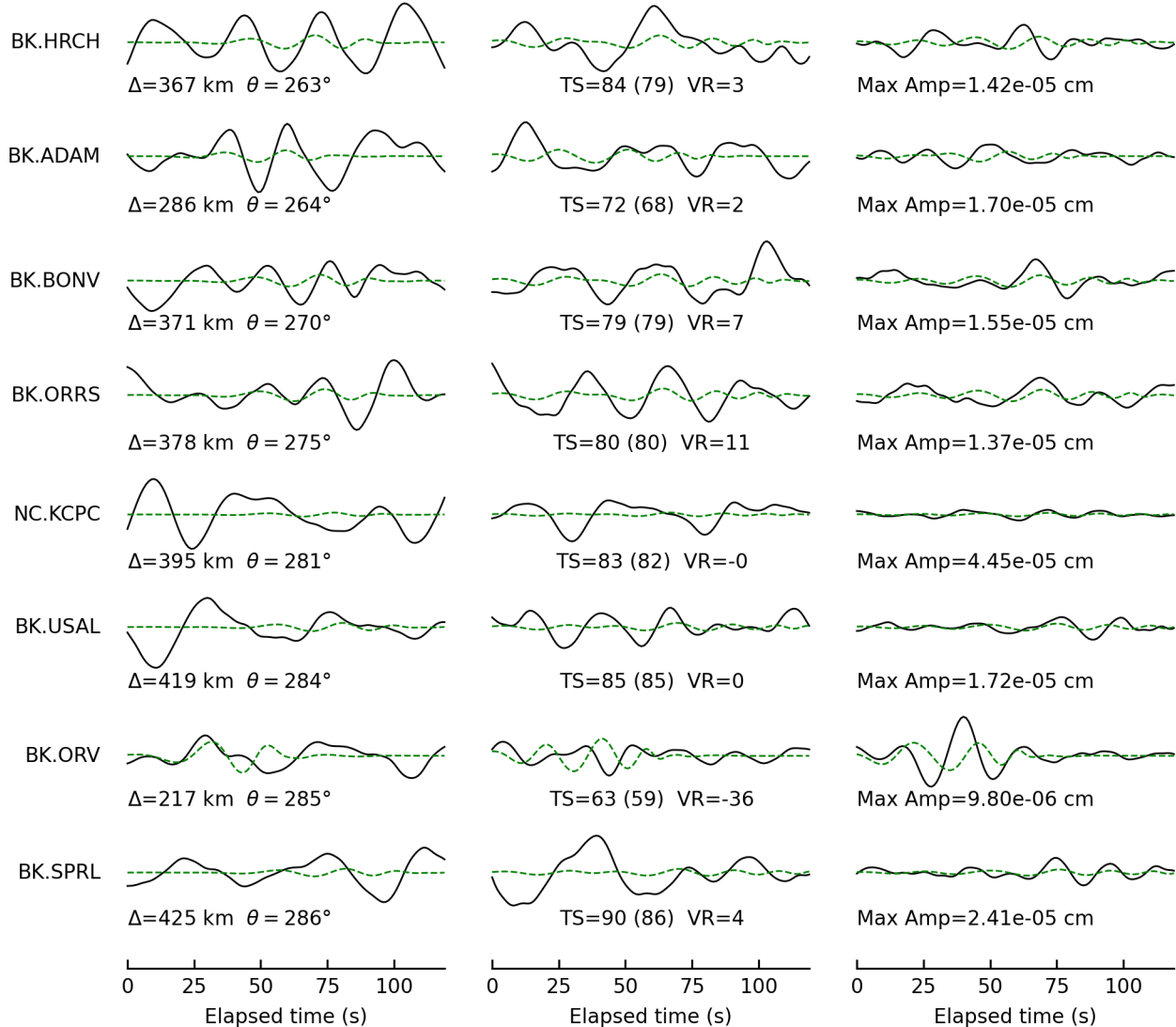
VR = 0.59% lune:-1,0



Tangential

Radial

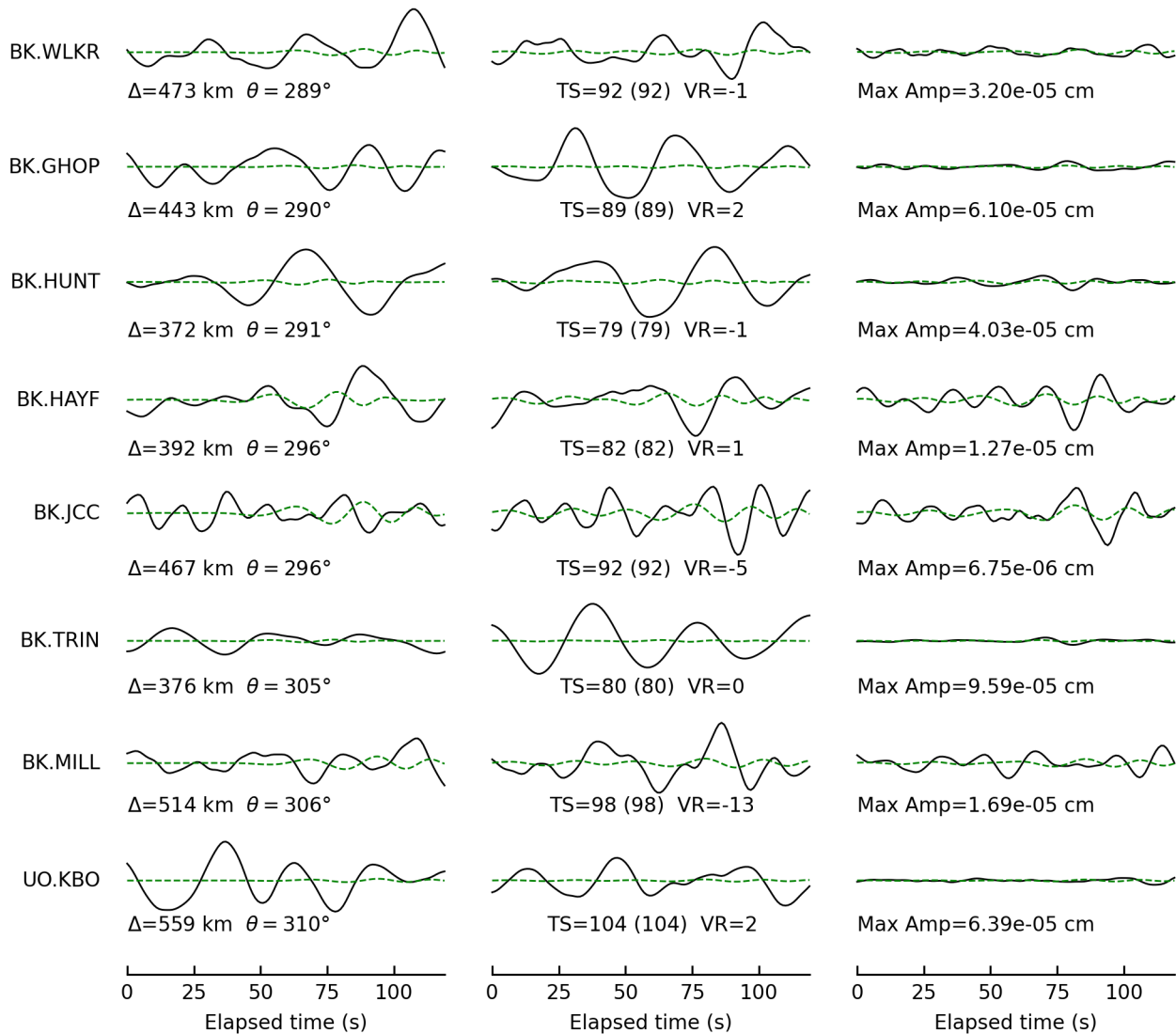
Vertical

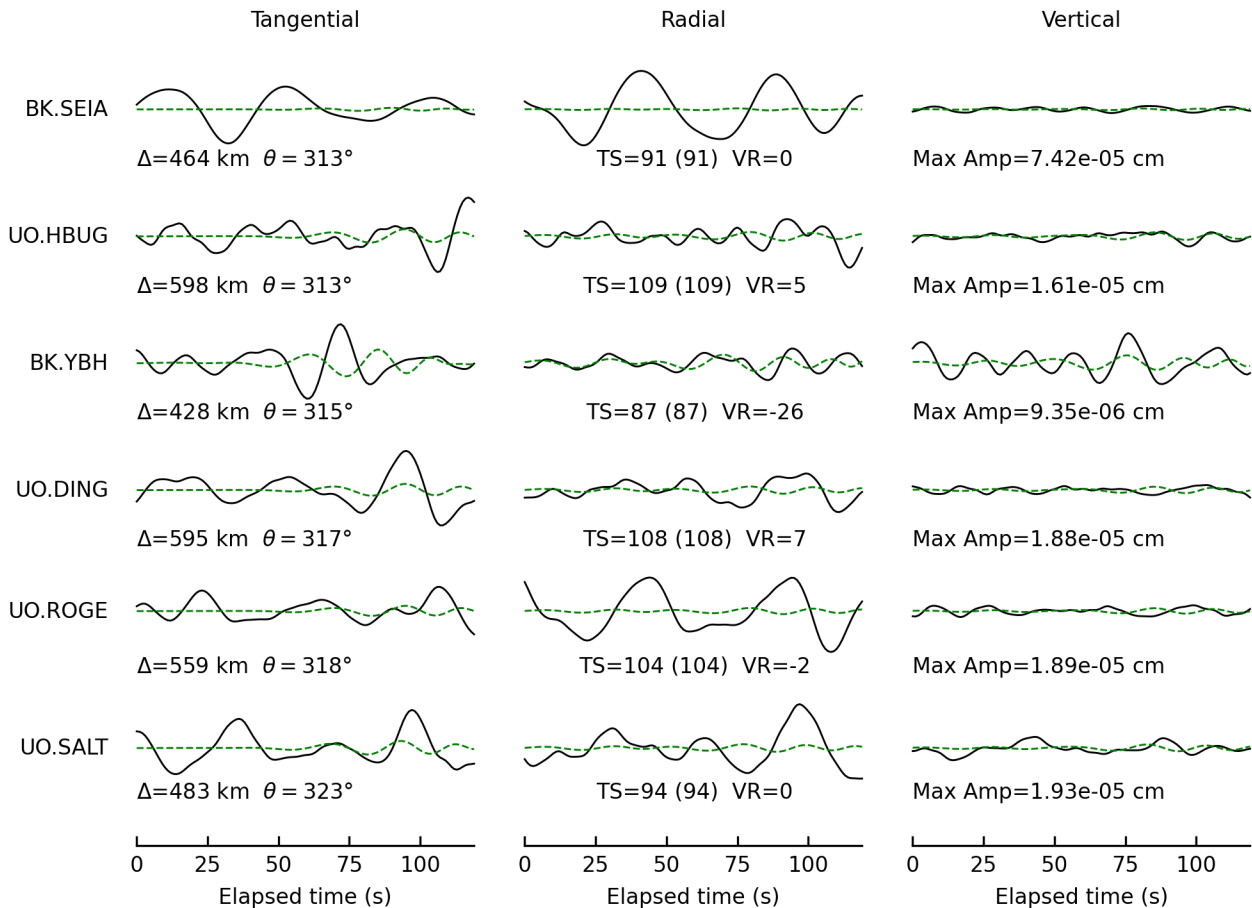


Tangential

Radial

Vertical





# Deviatoric Moment Tensor Inversion

Evid = 75103356

Depth = 3.0 km

Mw = 5.03

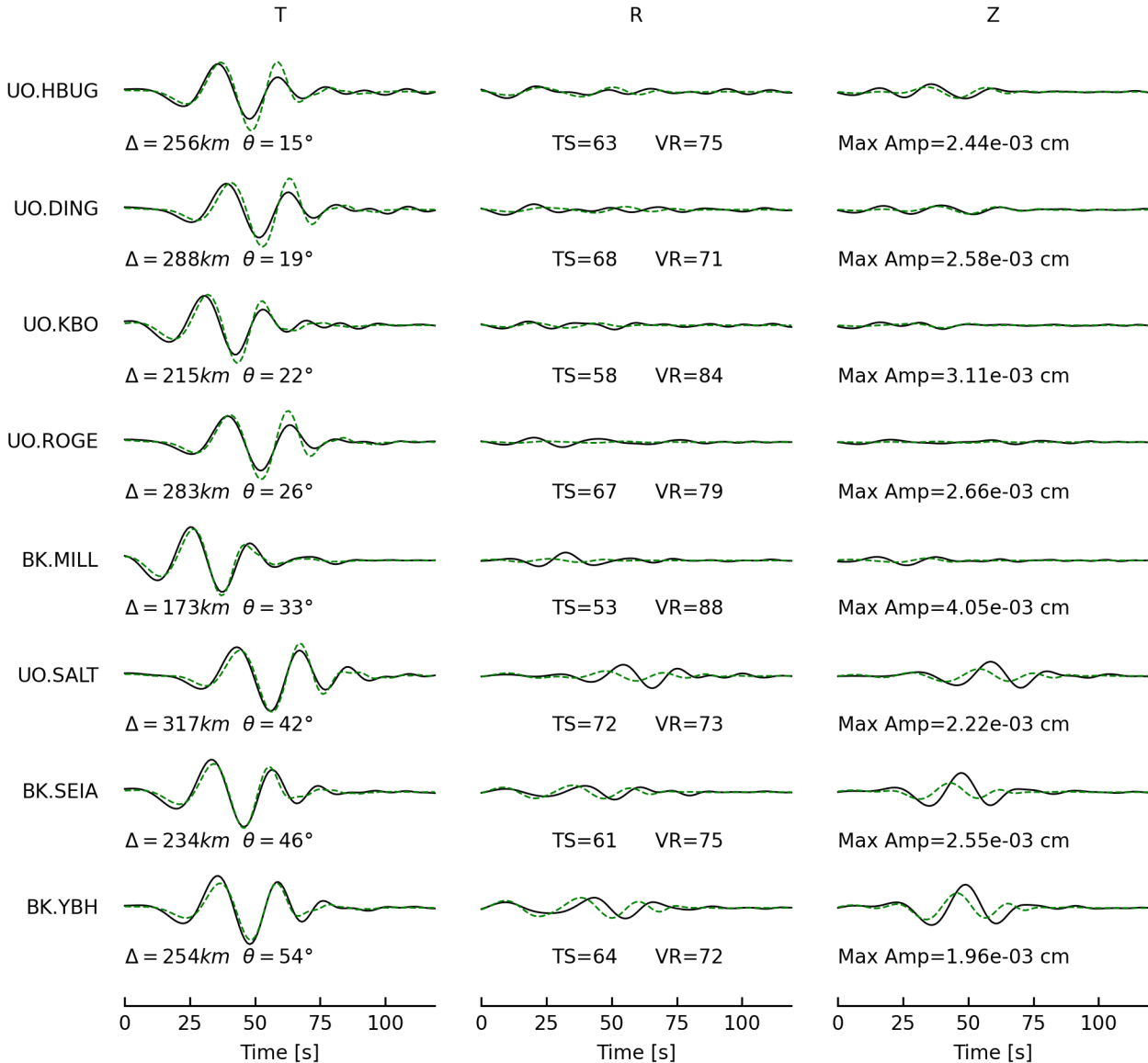
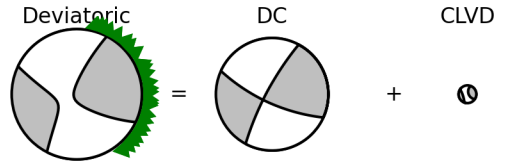
M0 = 4.34e+23 dyne-cm

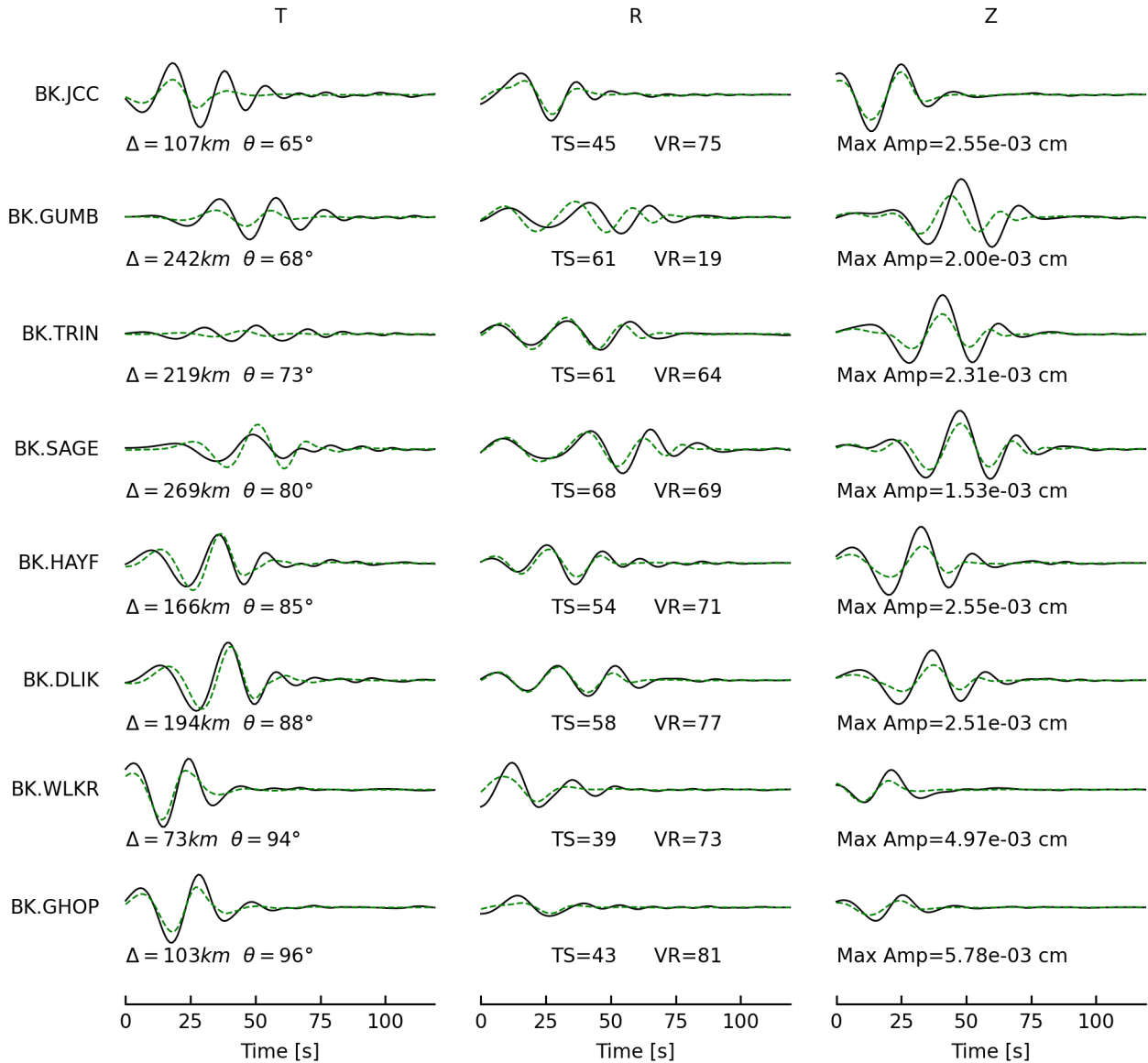
Percent DC/CLVD/ISO = 86/14/0

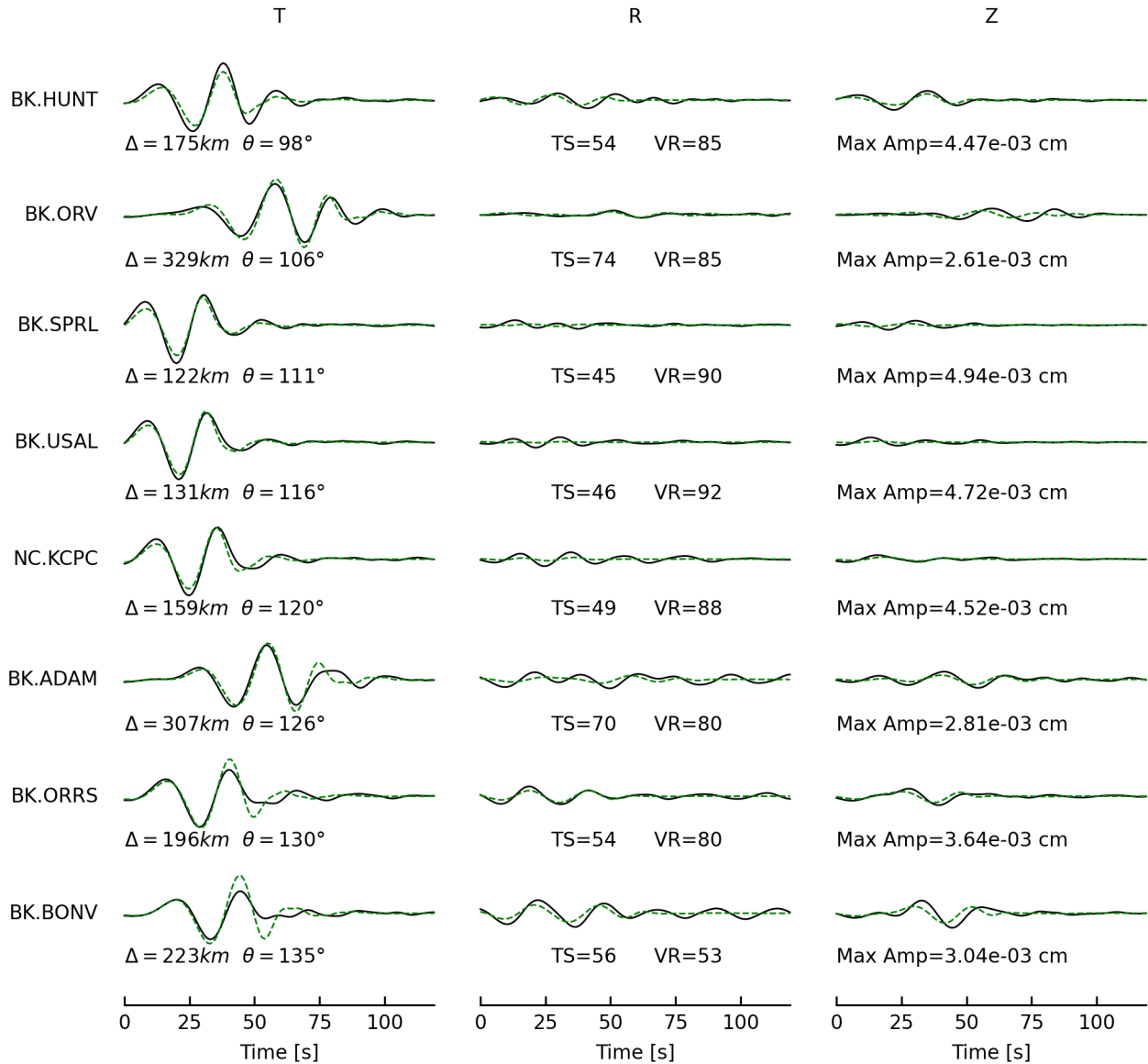
sdr = (208,79,18) (114,72,168)

npts = 120 vred = 7.692 km/s

VR = 76.76% lune:-3,0





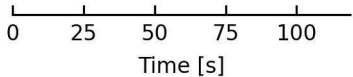


BK.HRCH

T



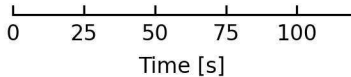
$\Delta = 264km$   $\theta = 140^\circ$



R



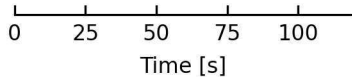
TS=64 VR=4



Z



Max Amp=2.27e-03 cm



# Deviatoric Moment Tensor Inversion

Evid = 75103356

Depth = 2.0 km

Mw = 5.01

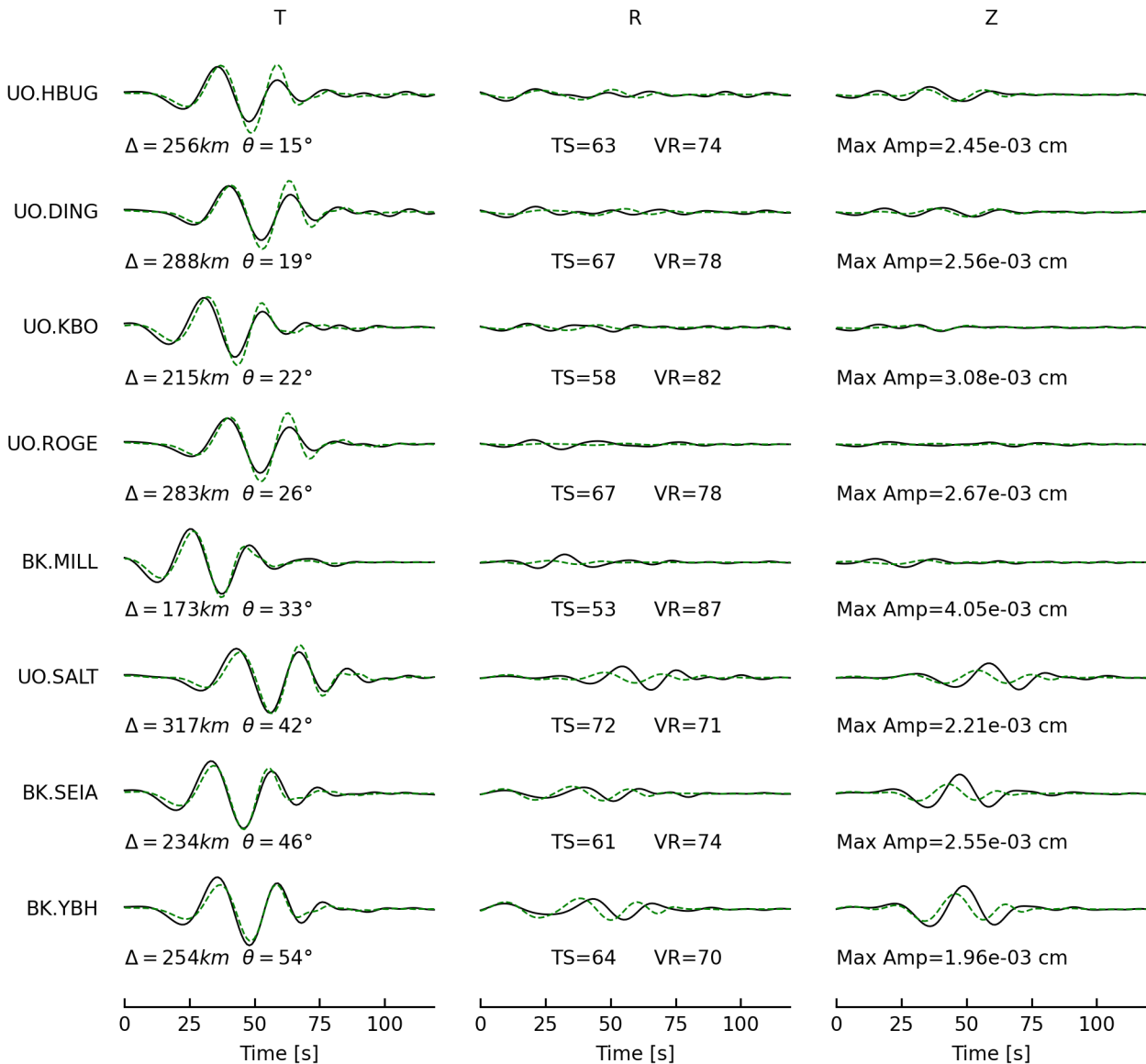
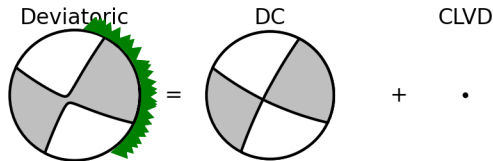
M0 = 4.02e+23 dyne-cm

Percent DC/CLVD/ISO = 98/2/0

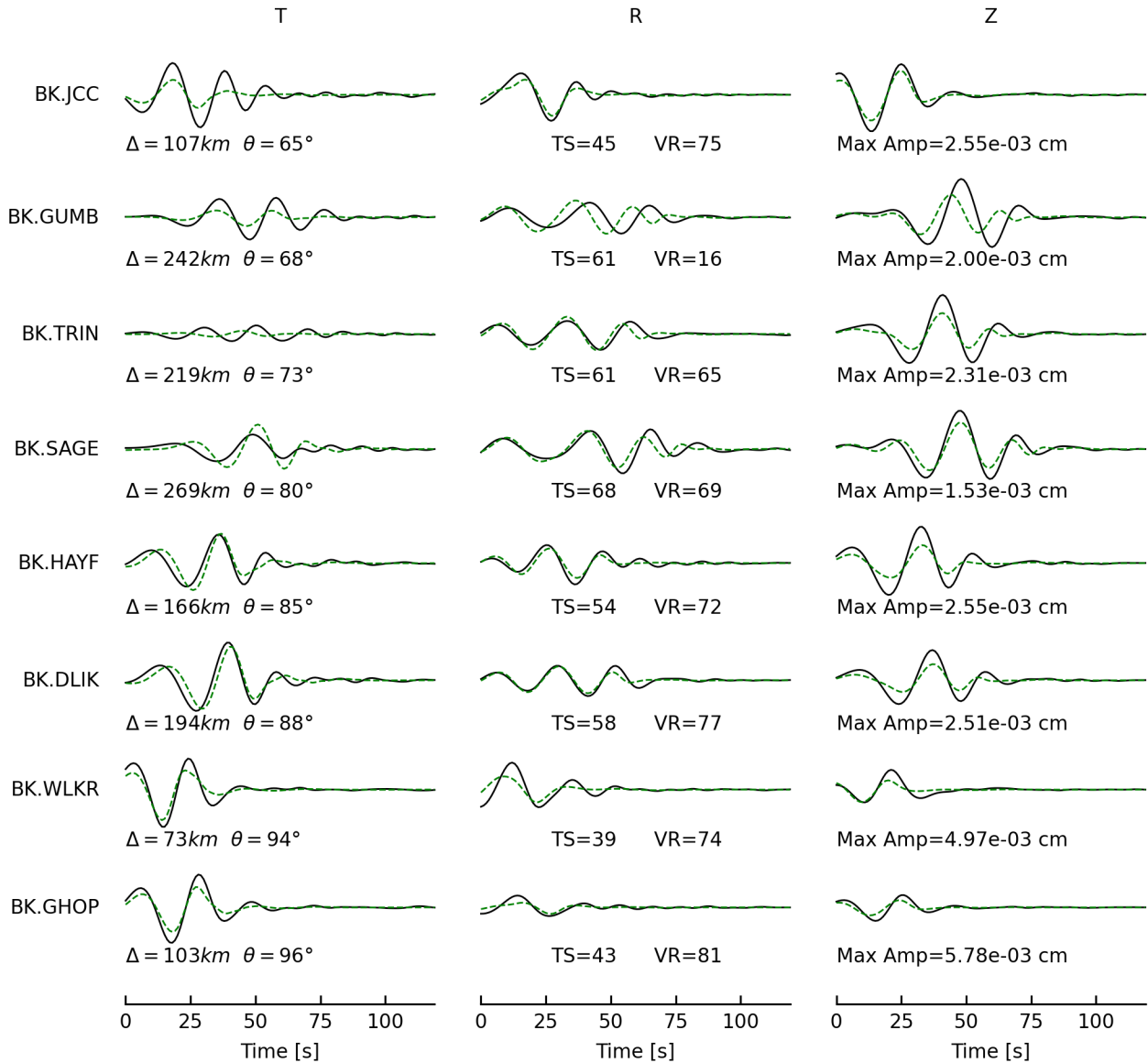
sdr = (207,82,13) (115,78,172)

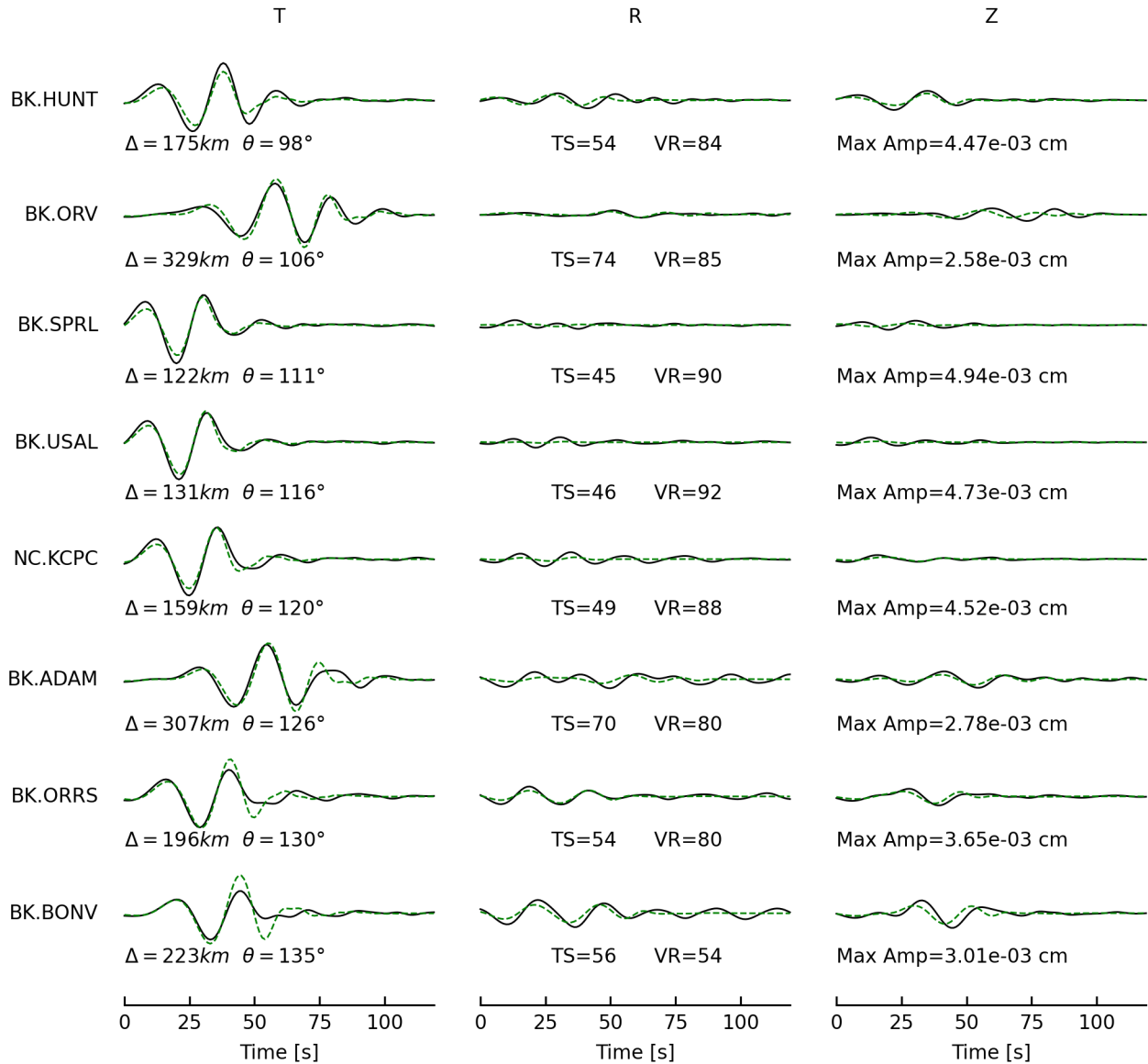
npts = 120 vred = 7.692 km/s

VR = 76.69% lune:1,0

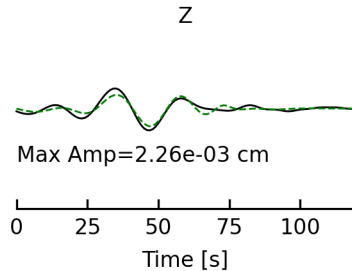
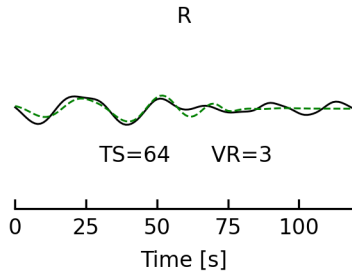
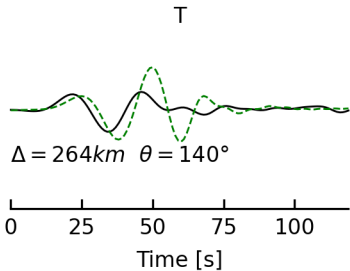








BK.HRCH



# Deviatoric Moment Tensor Inversion

Evid = 75103591

Depth = 3.0 km

Mw = 3.51

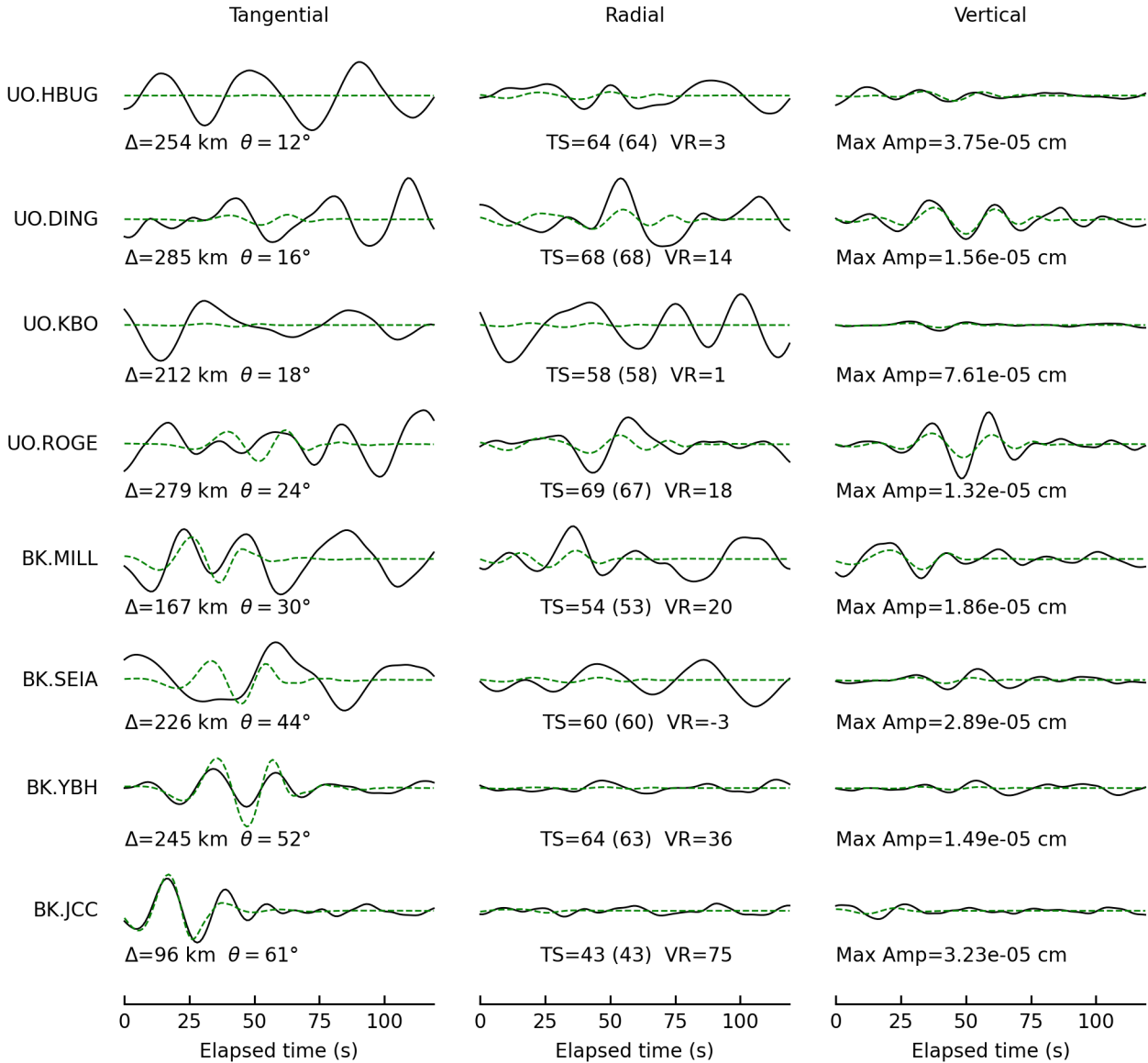
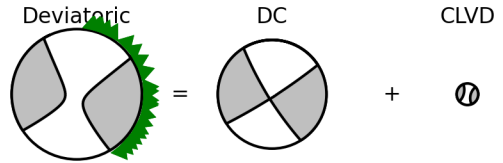
M0 = 2.25e+21 dyne-cm

Percent DC/CLVD/ISO = 83/17/0

sdr = (57,84,-9) (148,81,-174)

npts = 120 vred = 7.692 km/s

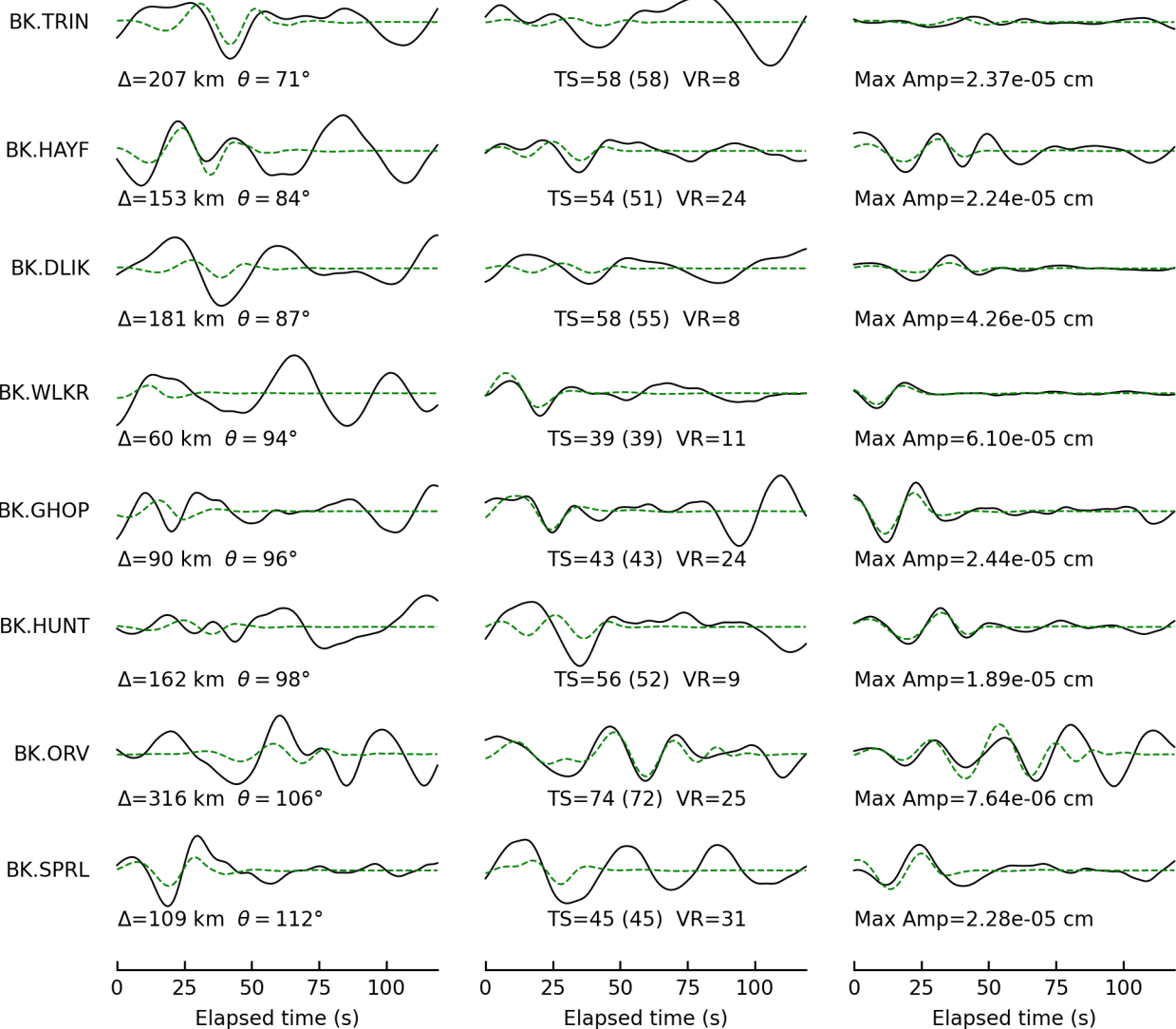
VR = 5.66% lune:-4,0



Tangential

Radial

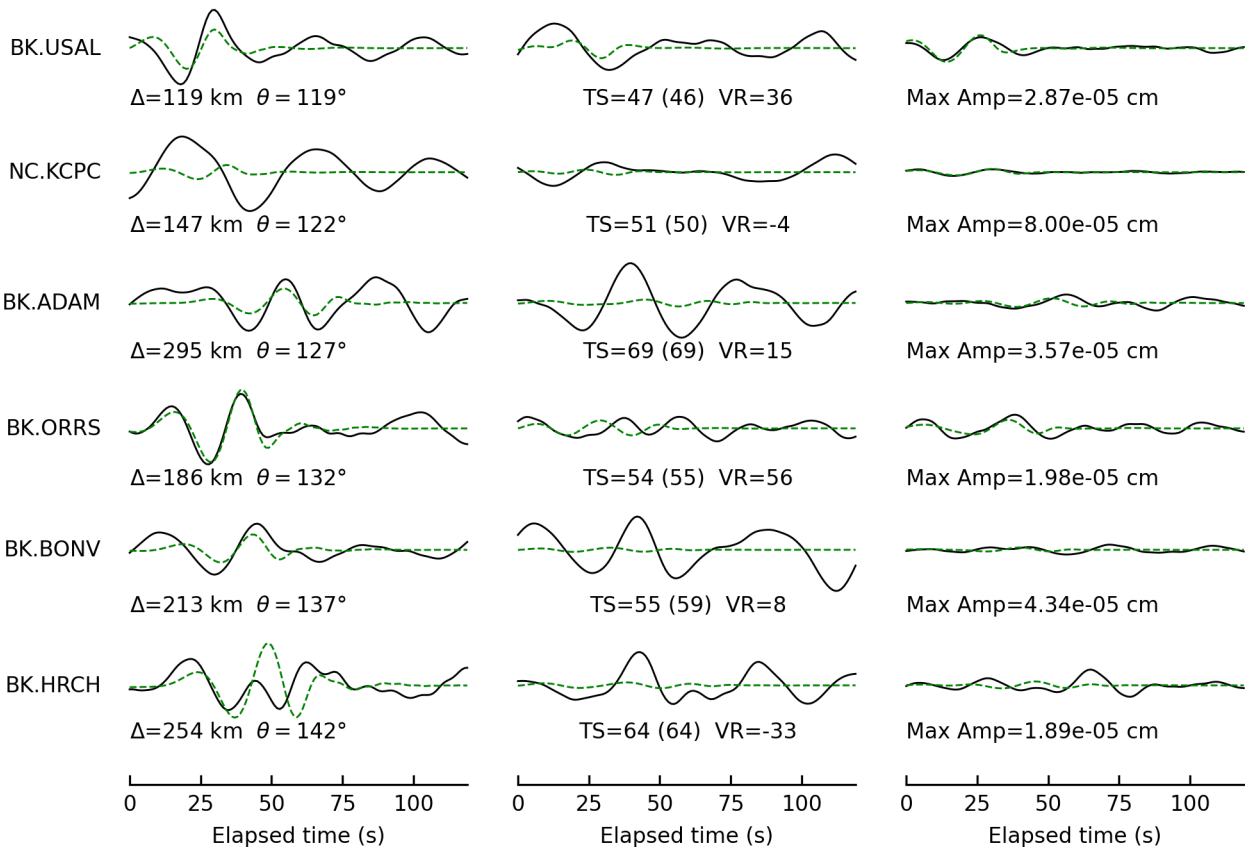
Vertical



Tangential

Radial

Vertical



# Deviatoric Moment Tensor Inversion

Evid = 75103591

Depth = 3.0 km

Mw = 3.51

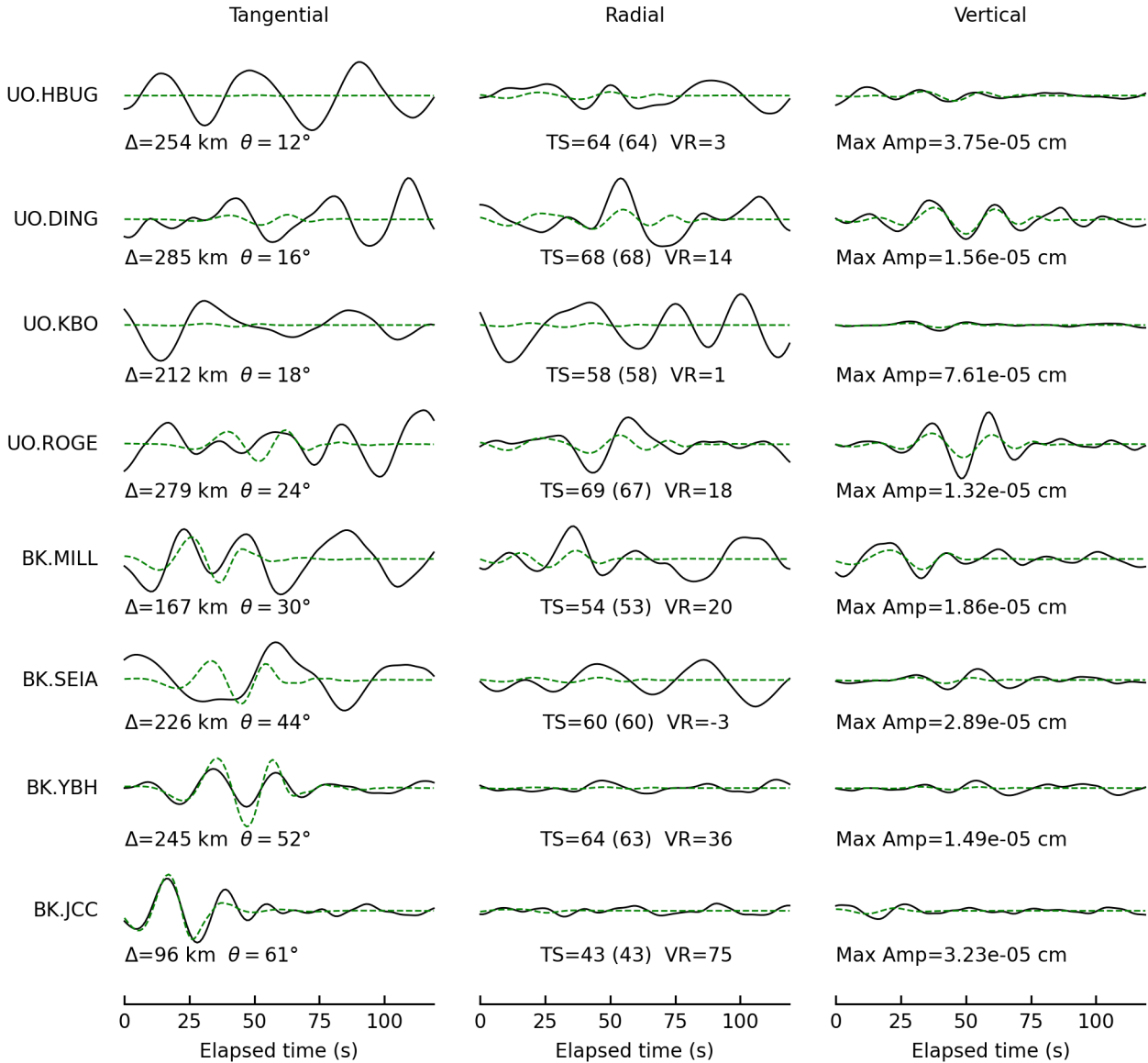
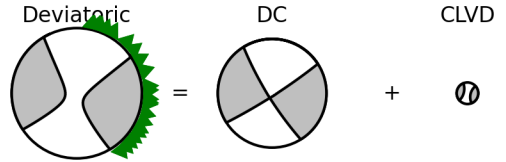
M0 = 2.25e+21 dyne-cm

Percent DC/CLVD/ISO = 83/17/0

sdr = (57,84,-9) (148,81,-174)

npts = 120 vred = 7.692 km/s

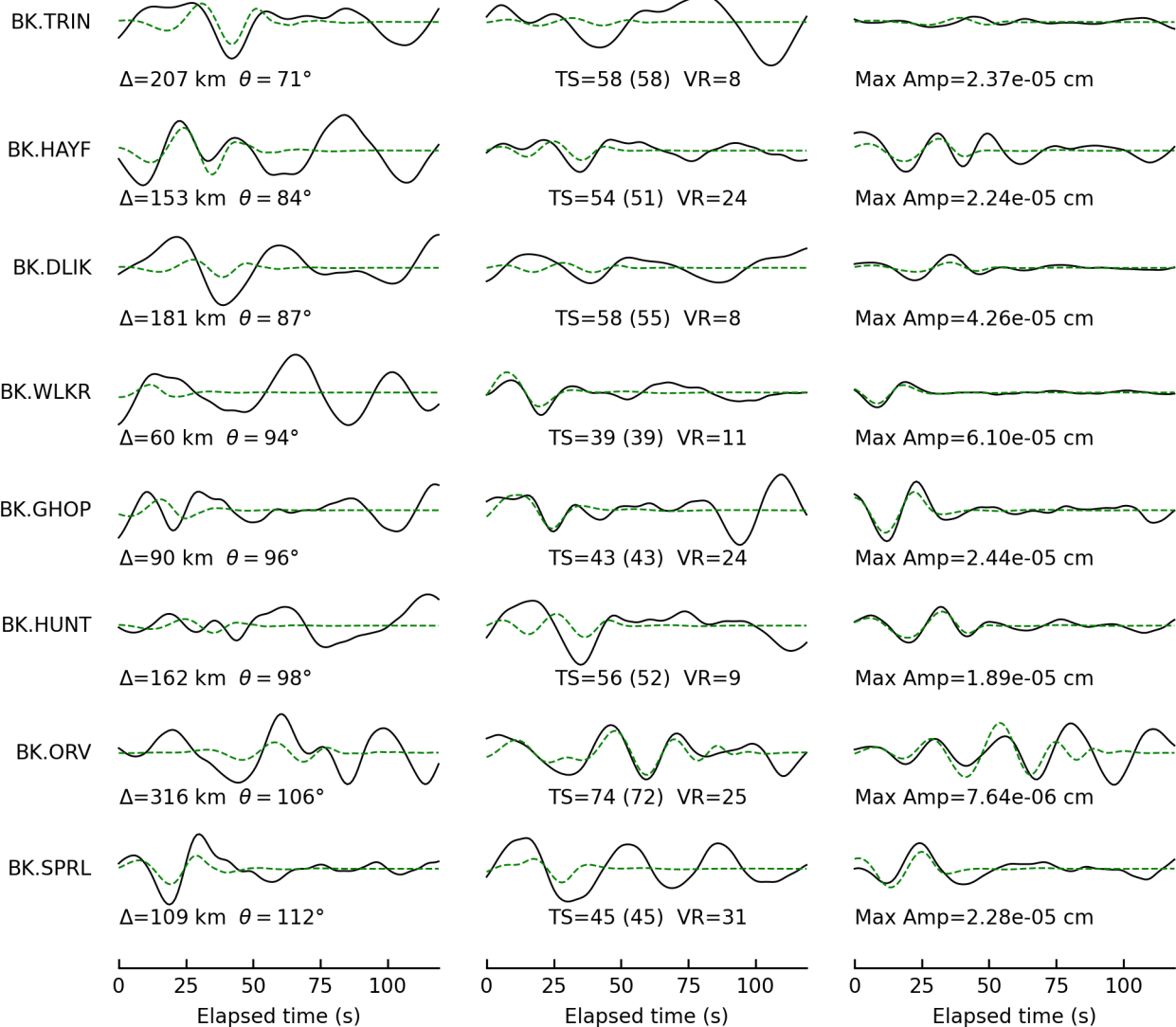
VR = 5.66% lune:-4,0



Tangential

Radial

Vertical

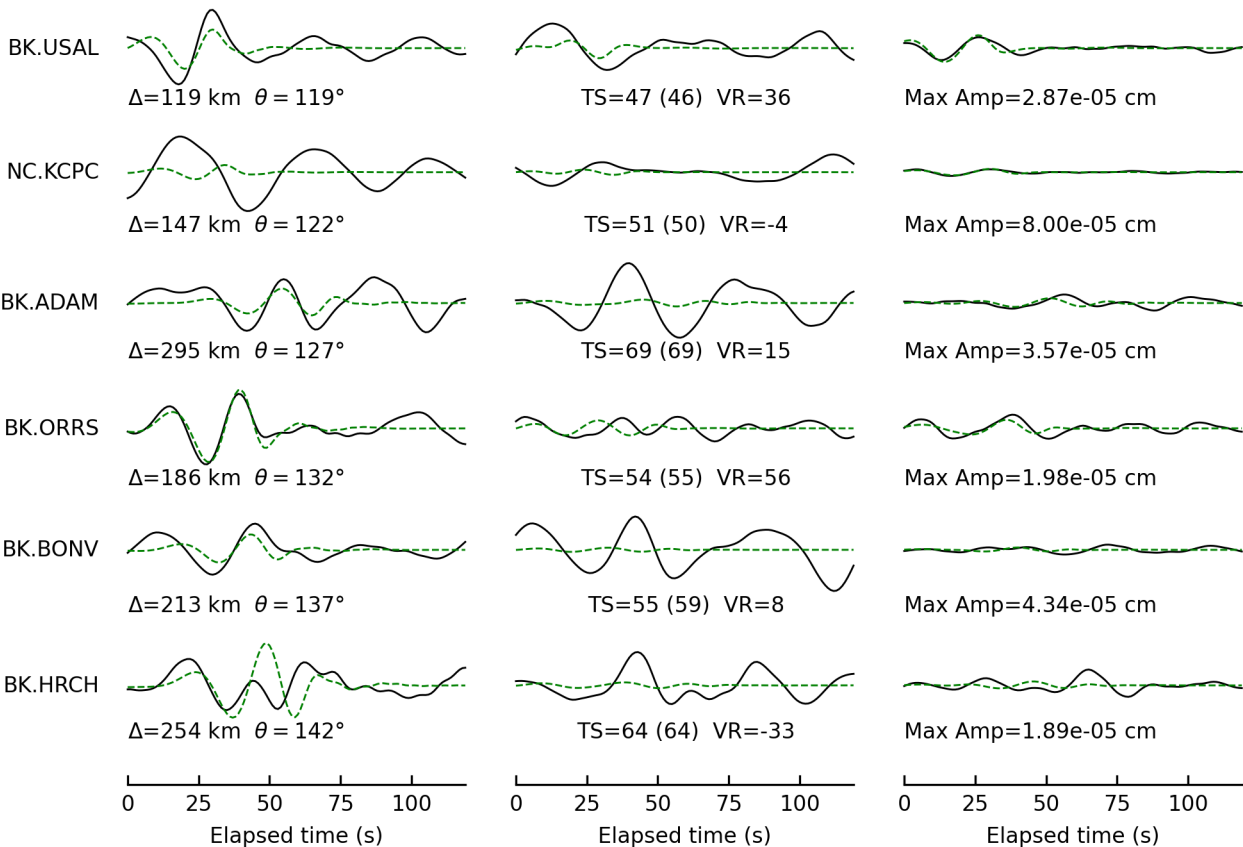




Tangential

Radial

Vertical



# Deviatoric Moment Tensor Inversion

Evid = 75104216

Depth = 35.0 km

Mw = 4.10

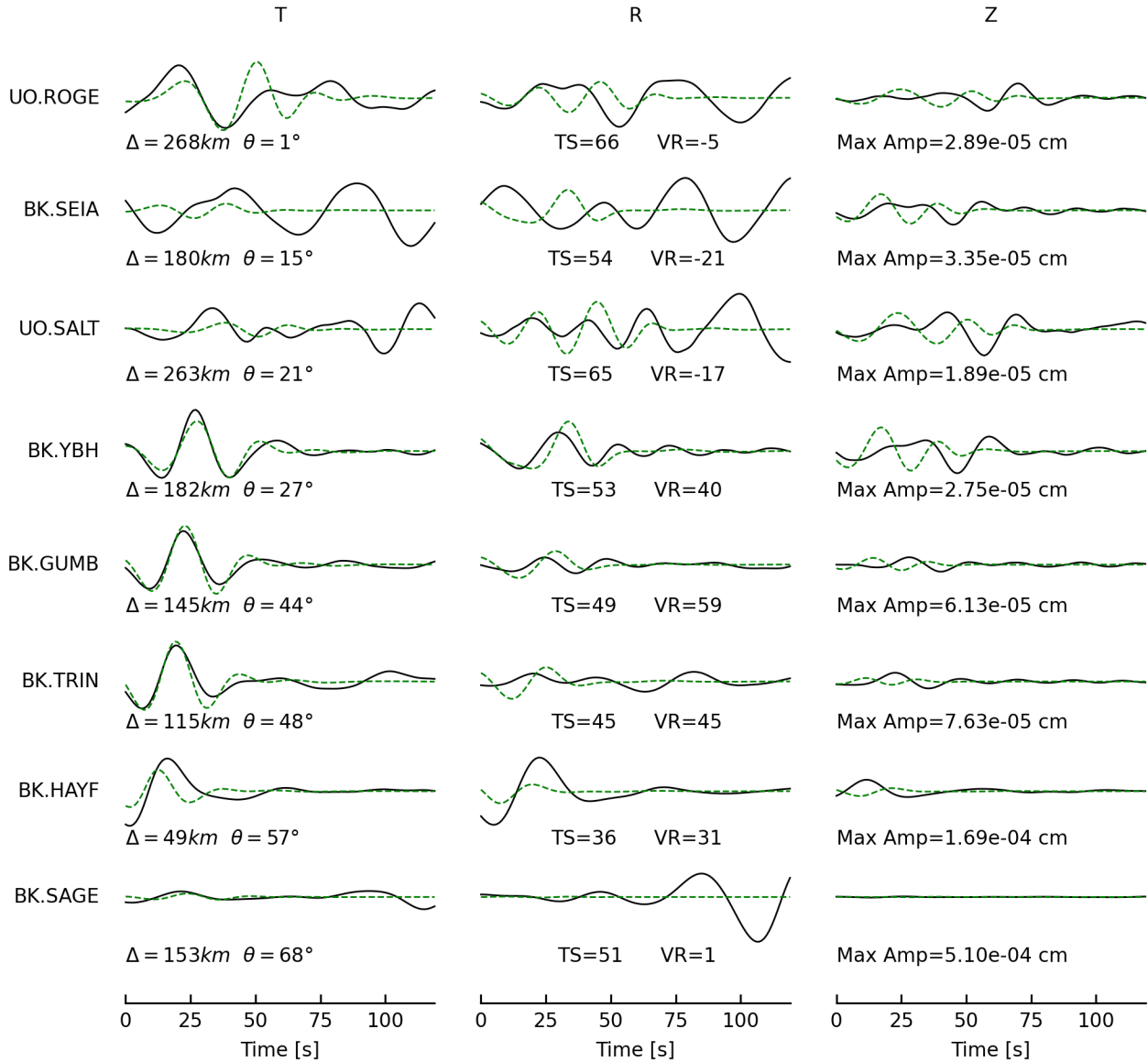
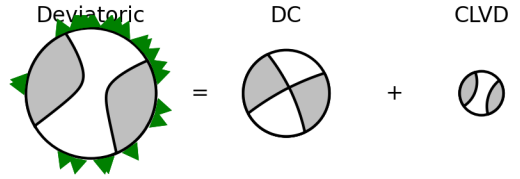
M0 = 1.78e+22 dyne-cm

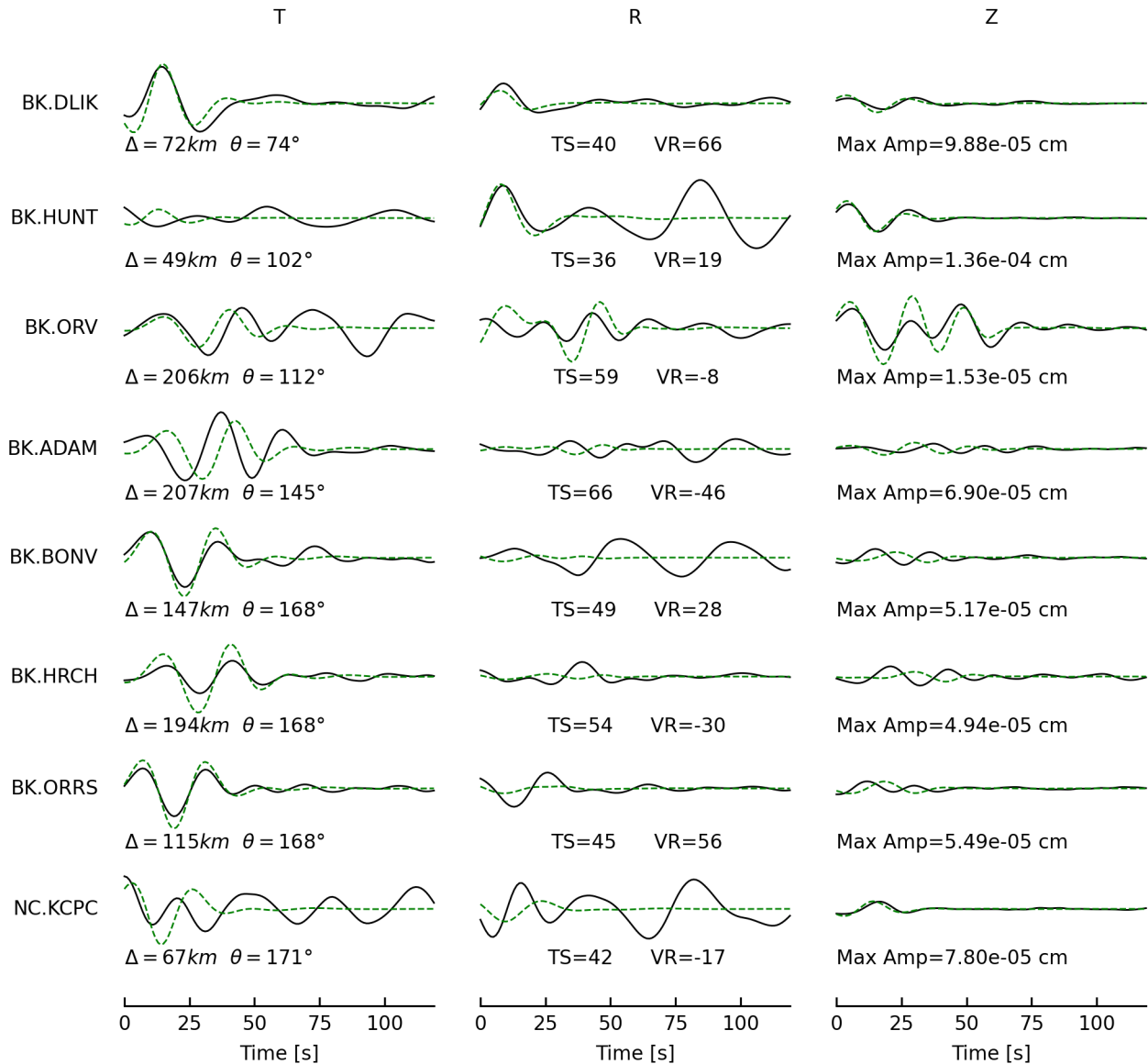
Percent DC/CLVD/ISO = 66/34/0

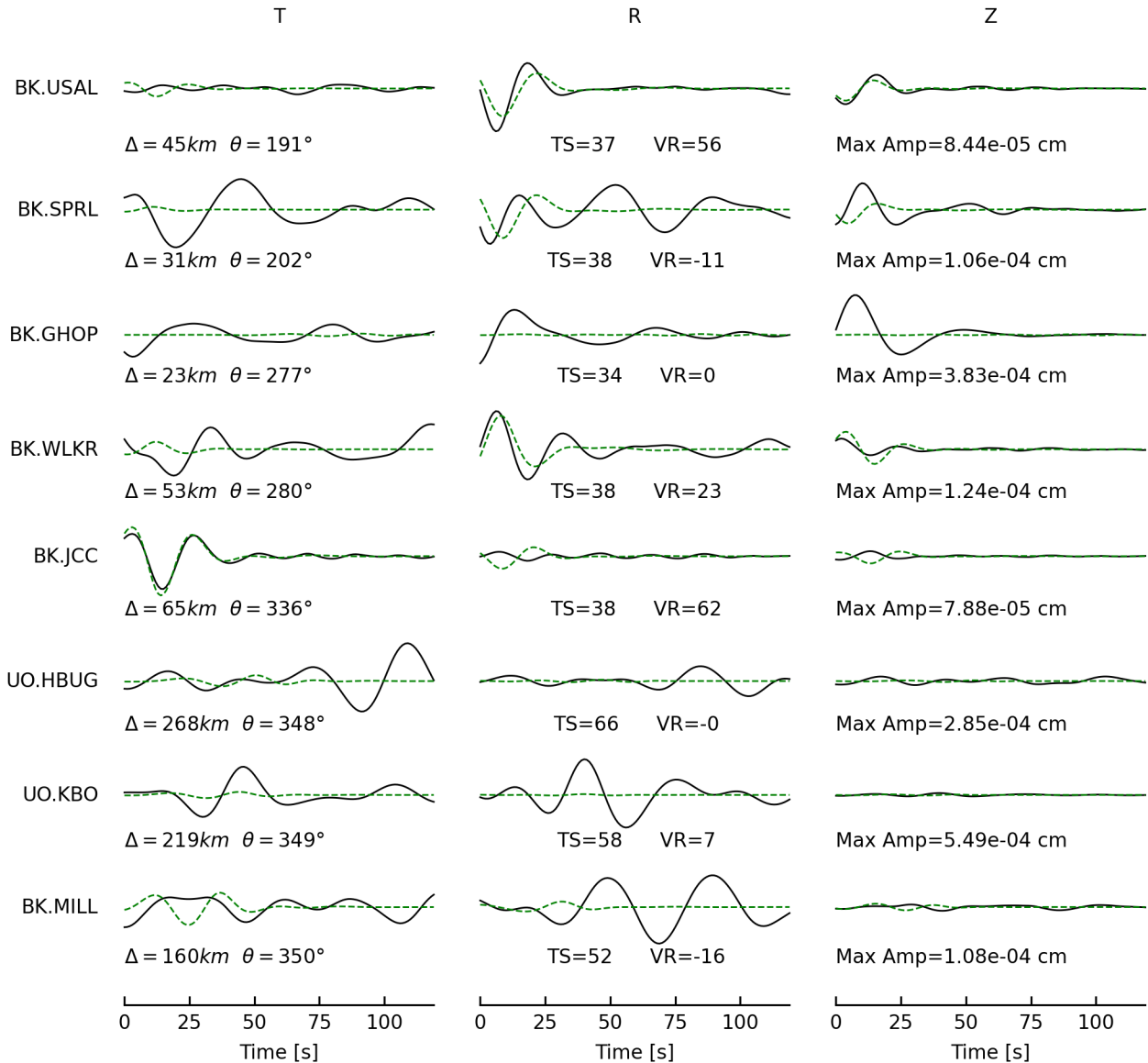
sdr = (242,80,-13) (335,77,-170)

npts = 120 vred = 7.692 km/s

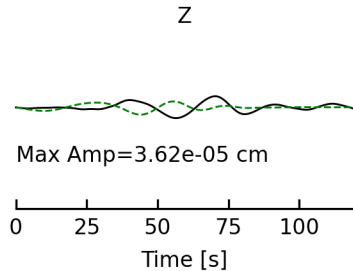
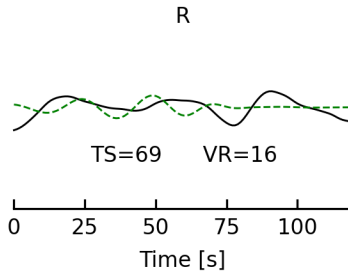
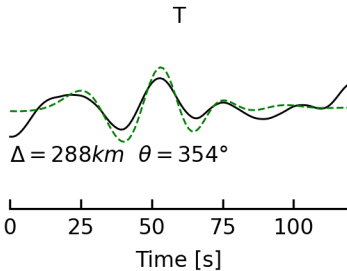
VR = 3.39% lune:-9,0



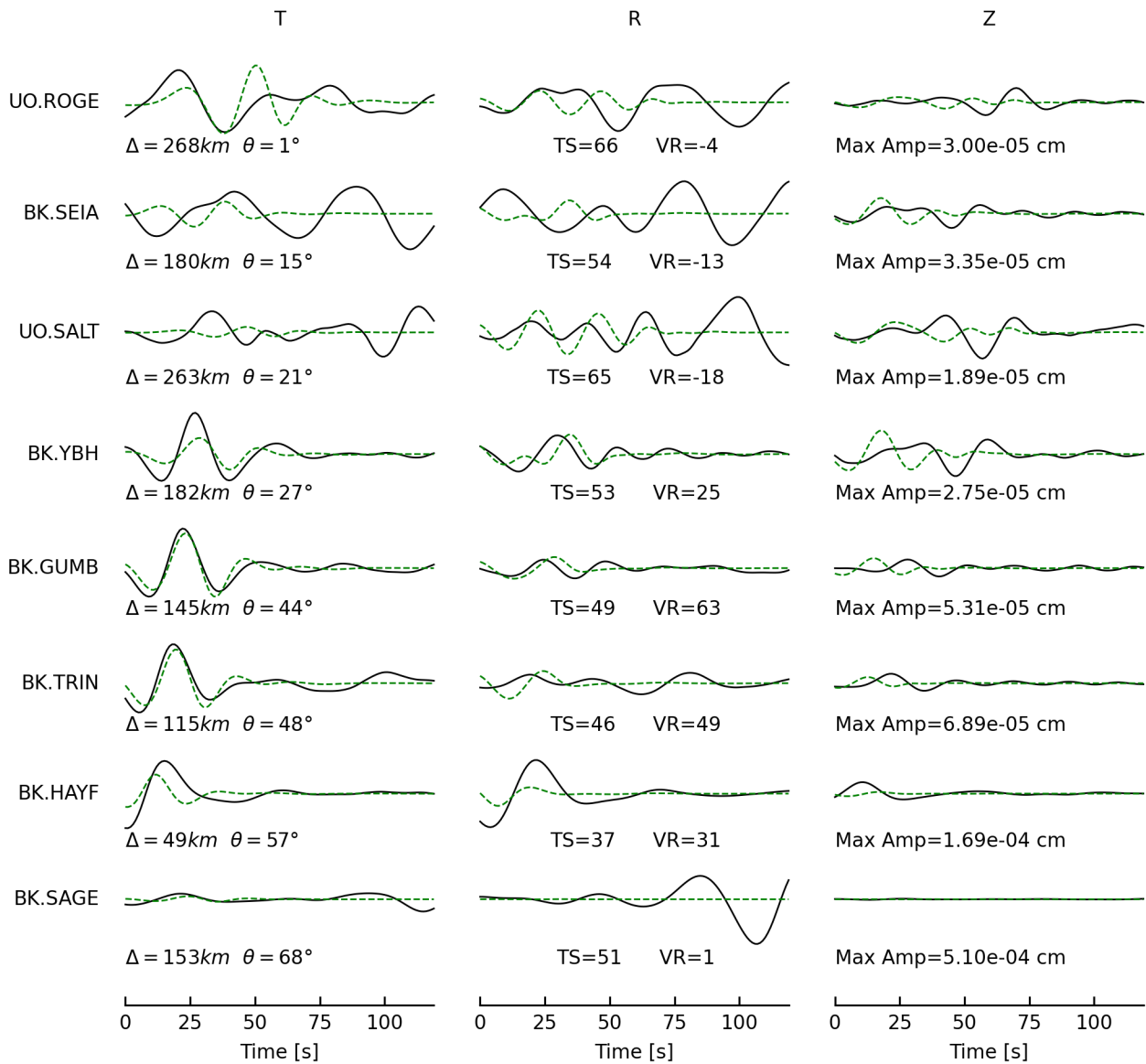
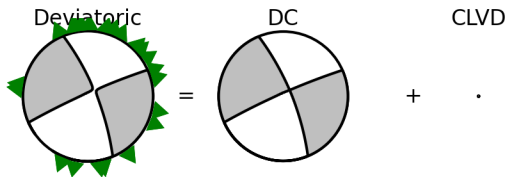


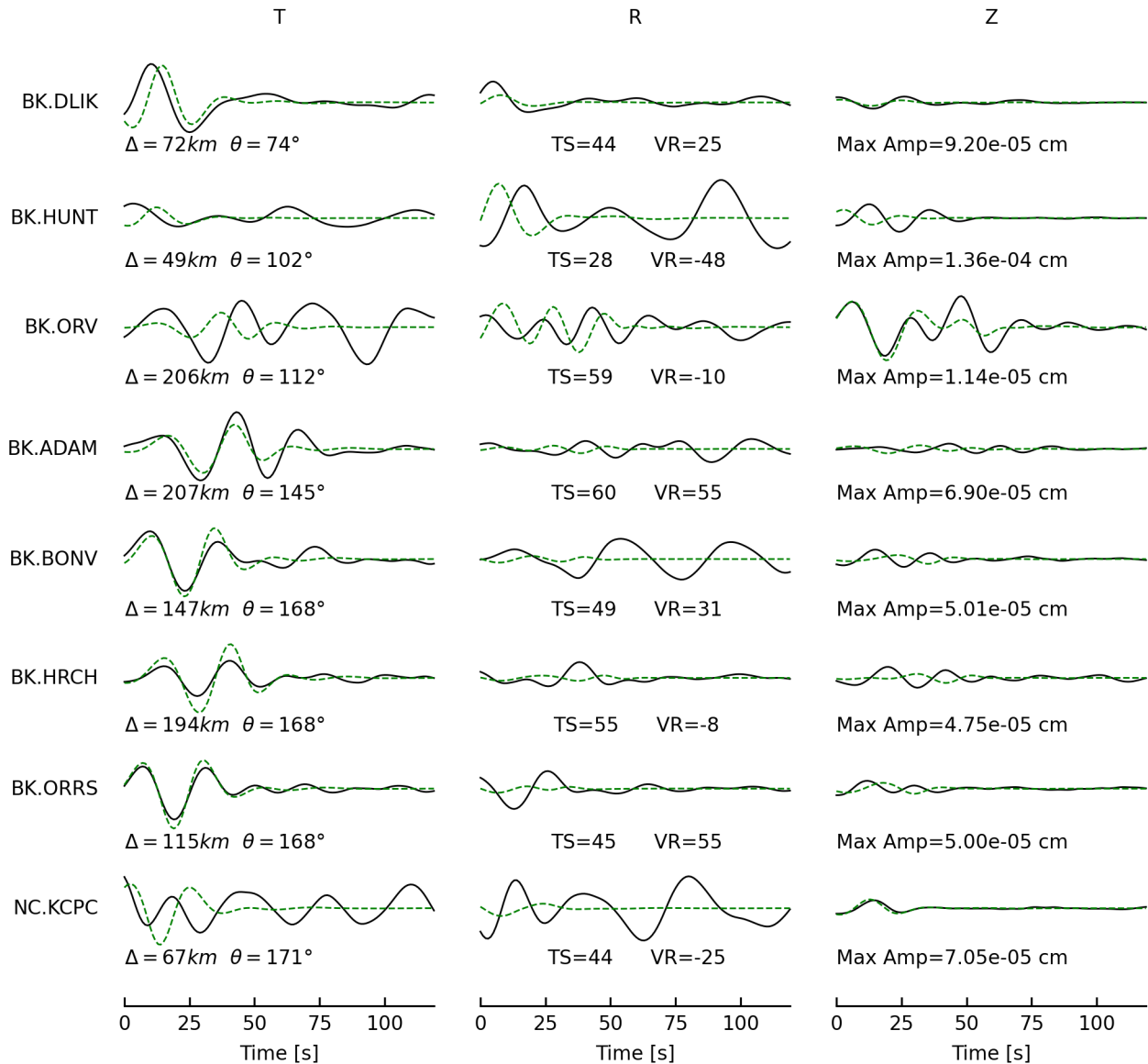


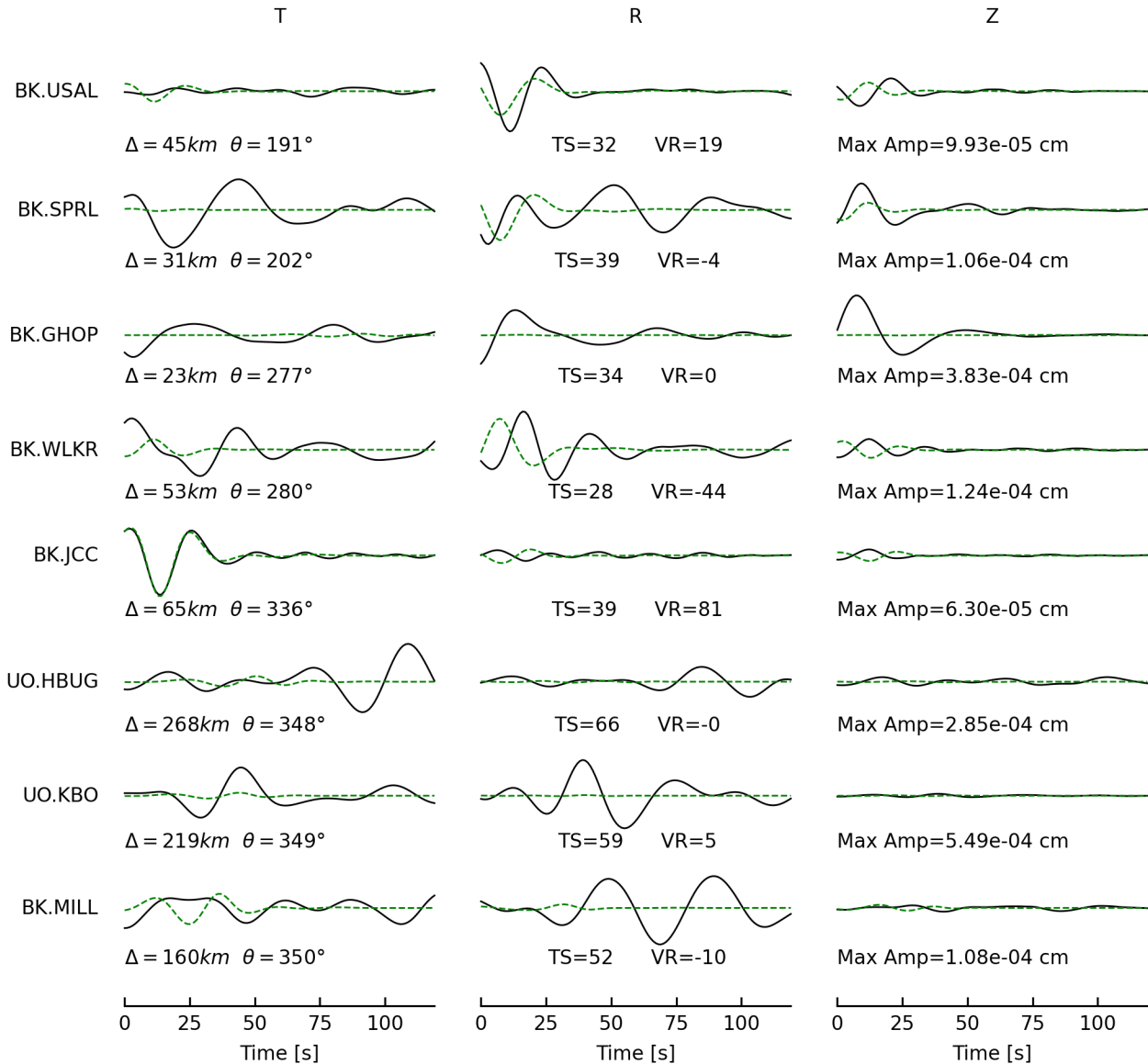
UO.DING



Deviatoric Moment Tensor Inversion  
 Evid = 75104216  
 Depth = 25.0 km  
 Mw = 3.99  
 M0 = 1.18e+22 dyne-cm  
 Percent DC/CLVD/ISO = 99/1/0  
 sdr = (246,85,-14) (338,76,-174)  
 npts = 120 vred = 7.692 km/s  
 VR = 2.51% lune:0,0

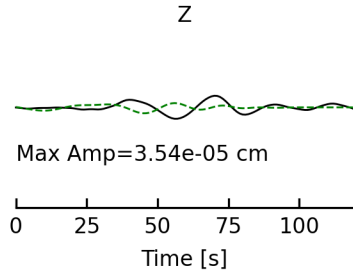
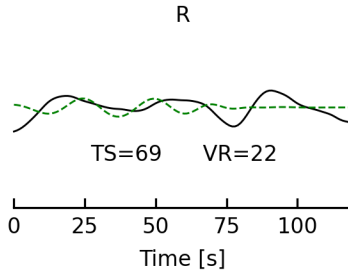
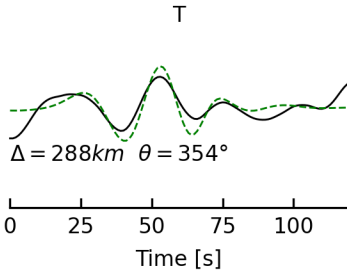




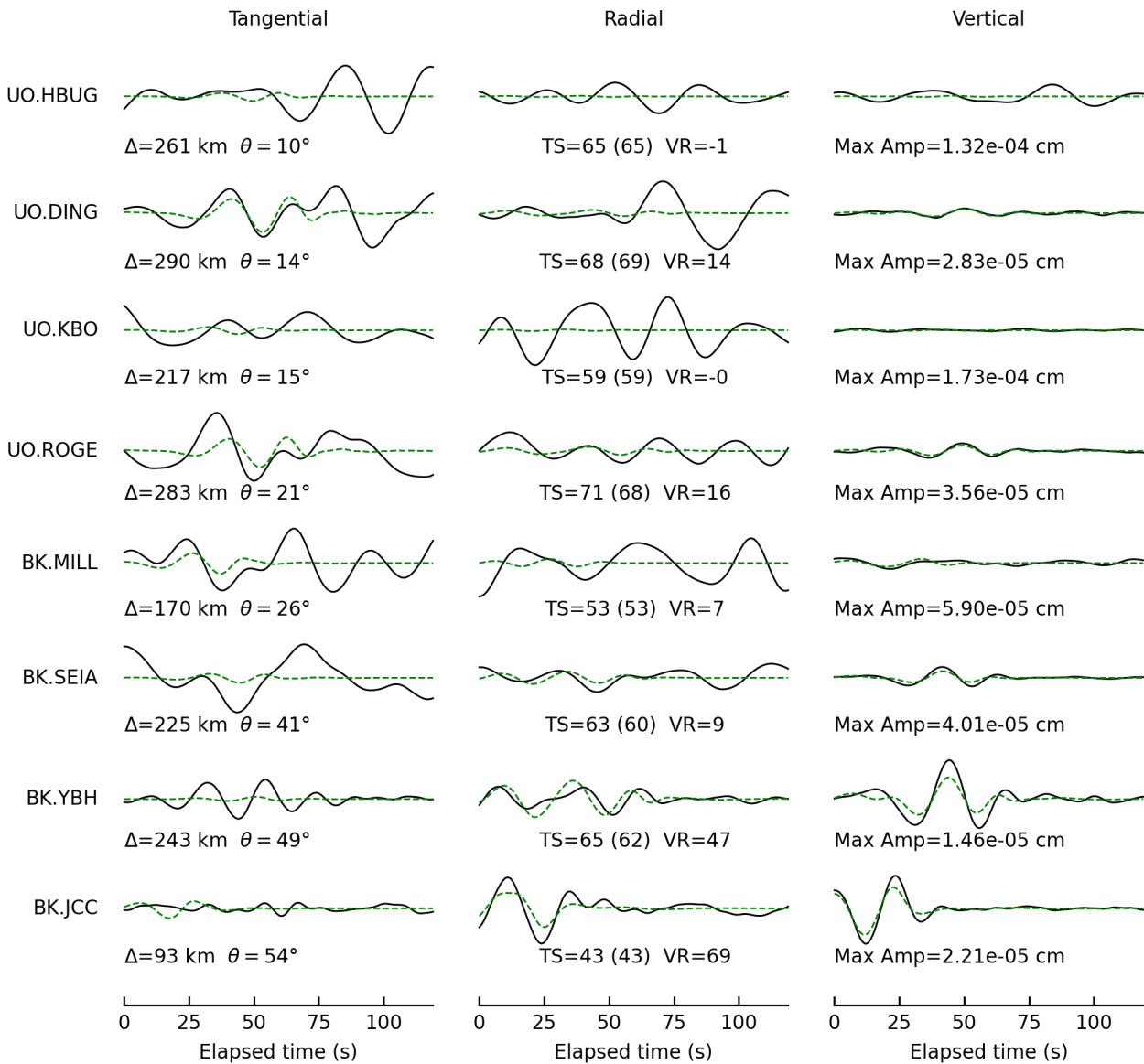
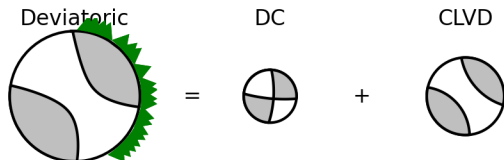




UO.DING



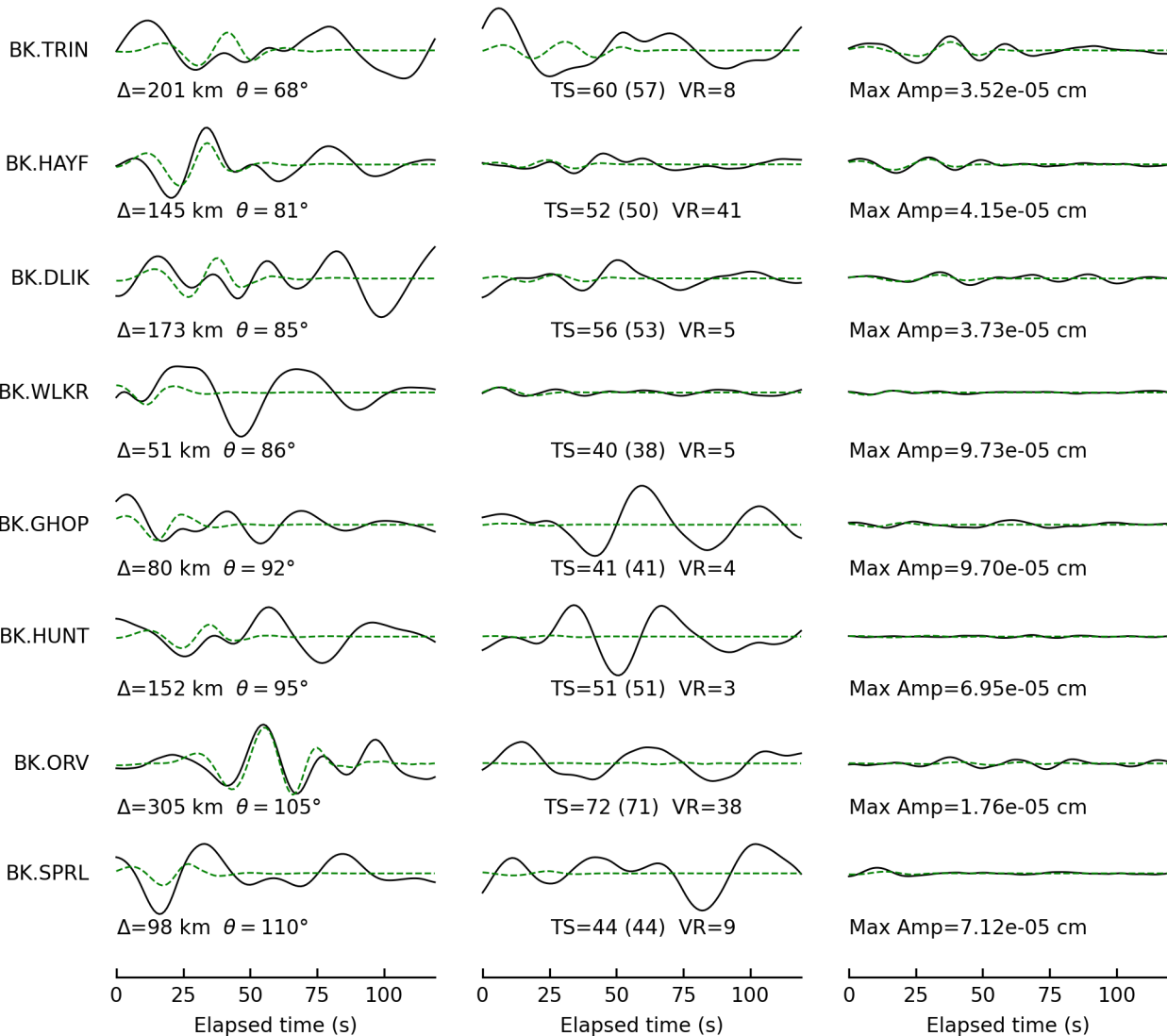
Deviatoric Moment Tensor Inversion  
 Evid = 75104246  
 Depth = 4.0 km  
 Mw = 3.53  
 M0 = 2.46e+21 dyne-cm  
 Percent DC/CLVD/ISO = 41/59/0  
 sdr = (95,80,-165) (3,75,-10)  
 npts = 120 vred = 7.692 km/s  
 VR = 2.39% lune:-17,0



Tangential

Radial

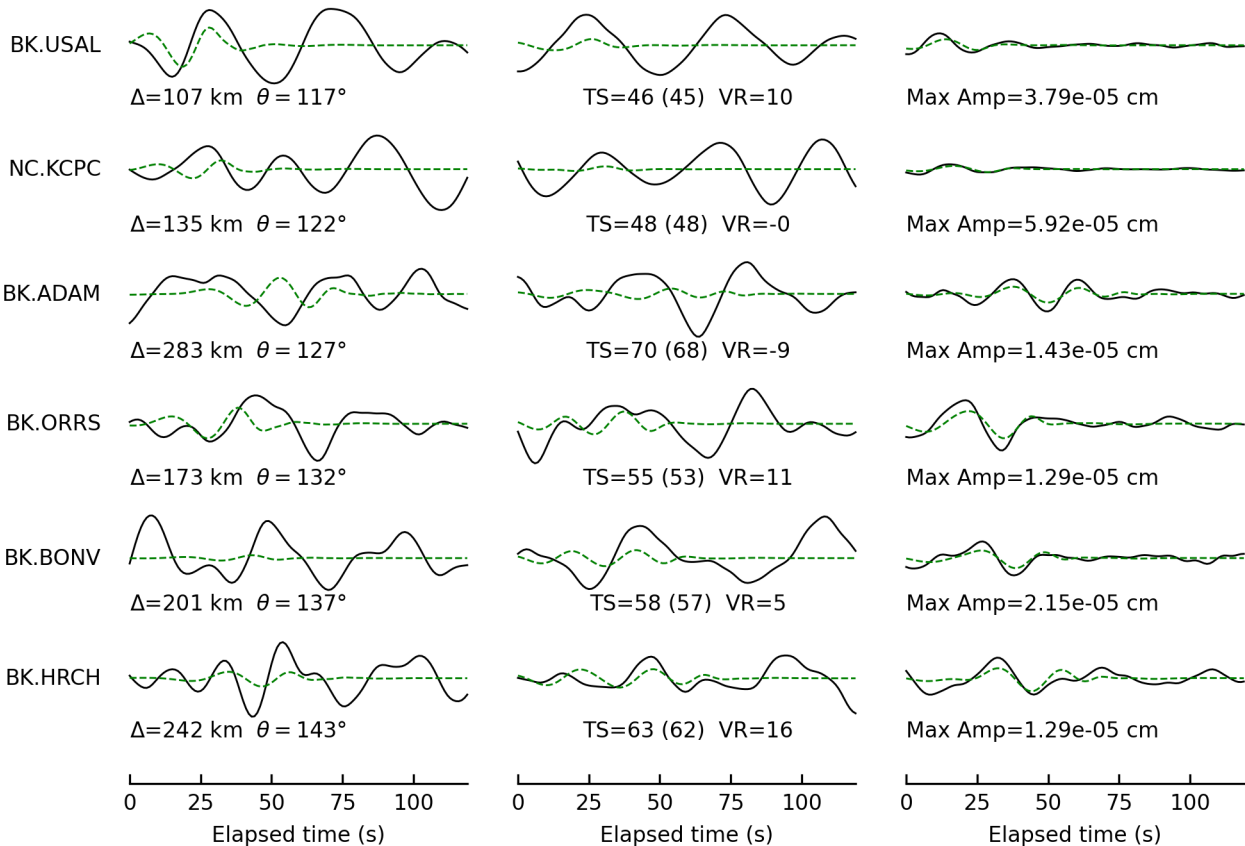
Vertical



Tangential

Radial

Vertical



# Deviatoric Moment Tensor Inversion

Evid = 75104246

Depth = 1.0 km

Mw = 3.54

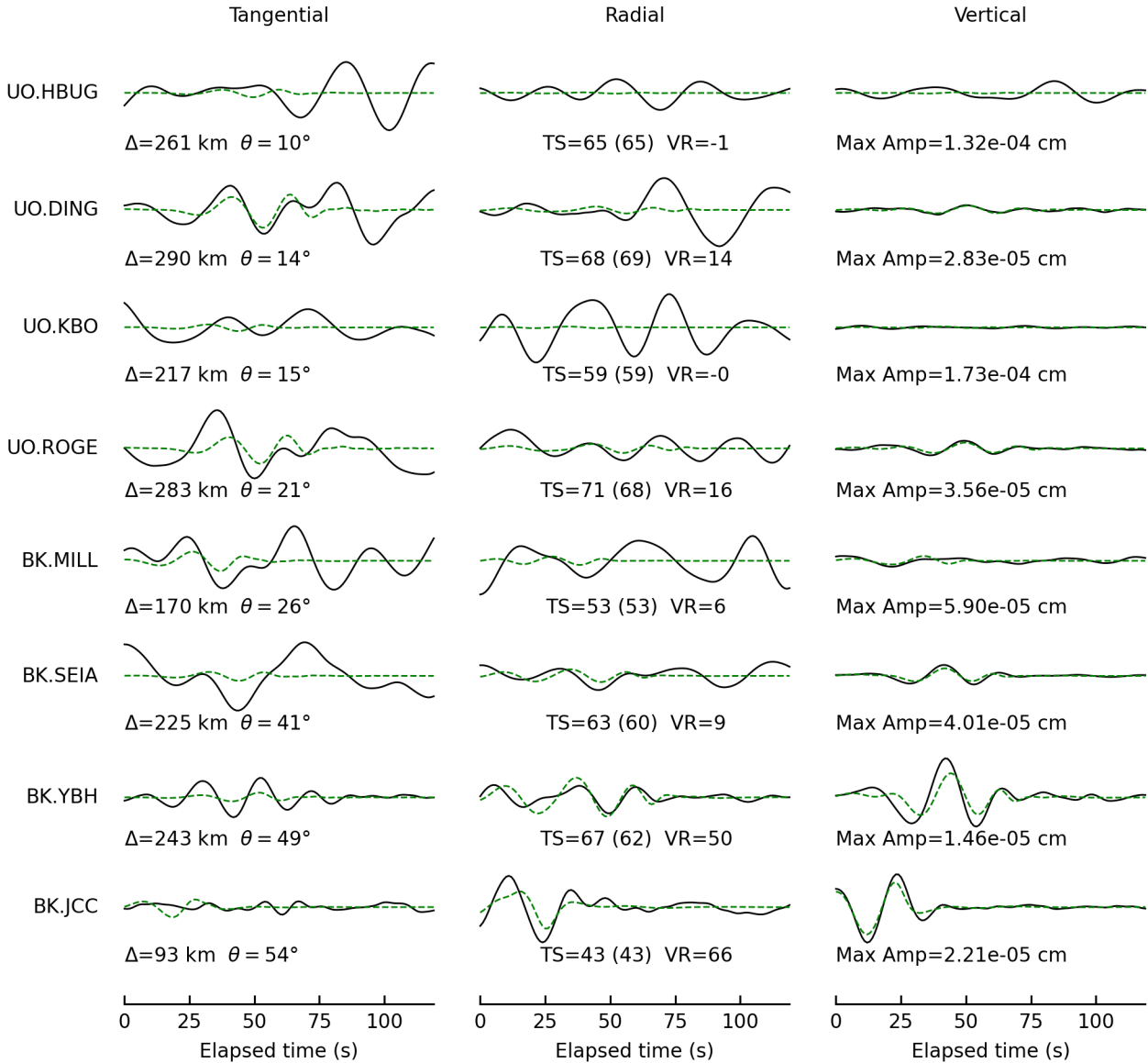
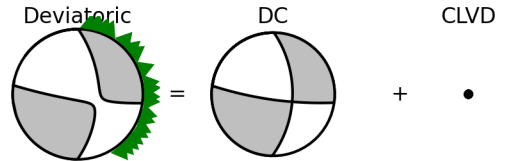
M0 = 2.57e+21 dyne-cm

Percent DC/CLVD/ISO = 95/5/0

sdr = (98,80,-144) (1,55,-12)

npts = 120 vred = 7.692 km/s

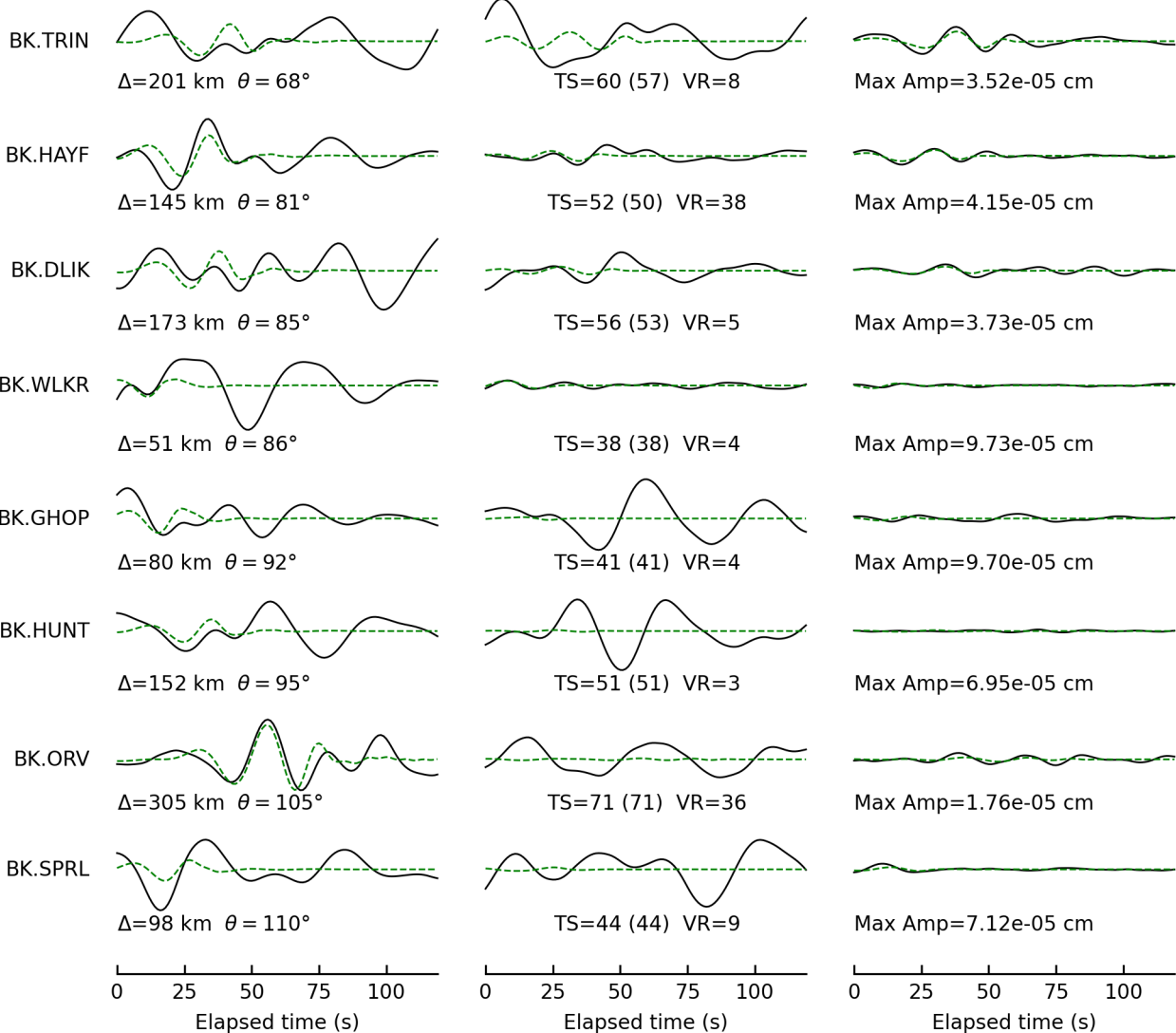
VR = 2.22% lune:-1,0



Tangential

Radial

Vertical



Tangential

Radial

Vertical

BK.USAL

 $\Delta=107$  km  $\theta=117^\circ$ 

TS=40 (45) VR=7

Max Amp= $3.79\text{e-}05$  cm

NC.KCPC

 $\Delta=135$  km  $\theta=122^\circ$ 

TS=48 (48) VR=-1

Max Amp= $5.92\text{e-}05$  cm

BK.ADAM

 $\Delta=283$  km  $\theta=127^\circ$ 

TS=70 (68) VR=-9

Max Amp= $1.43\text{e-}05$  cm

BK.ORRS

 $\Delta=173$  km  $\theta=132^\circ$ 

TS=55 (53) VR=10

Max Amp= $1.29\text{e-}05$  cm

BK.BONV

 $\Delta=201$  km  $\theta=137^\circ$ 

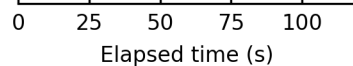
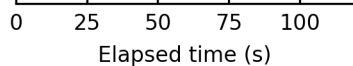
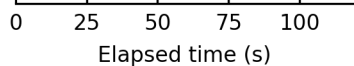
TS=52 (57) VR=-0

Max Amp= $2.15\text{e-}05$  cm

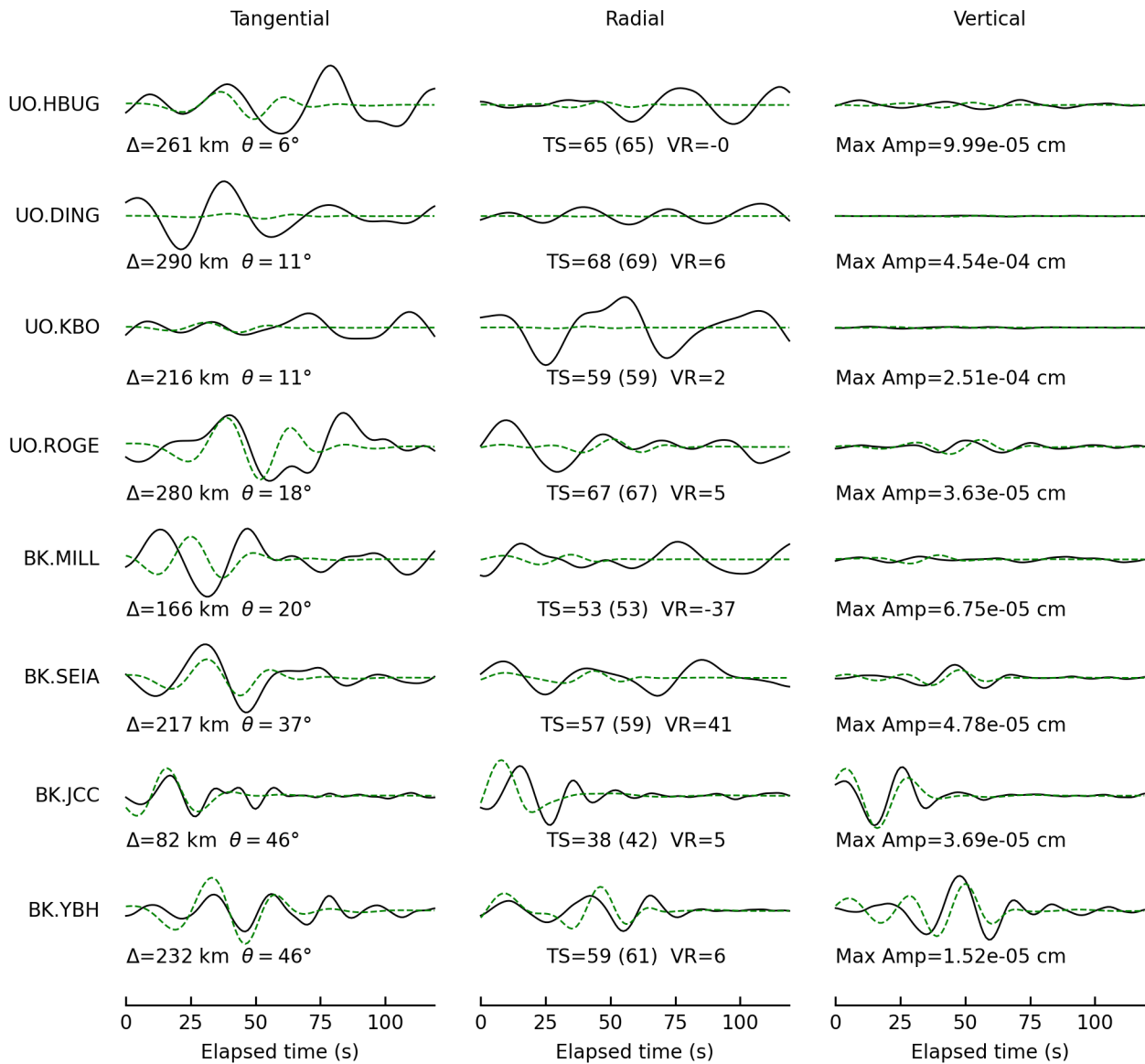
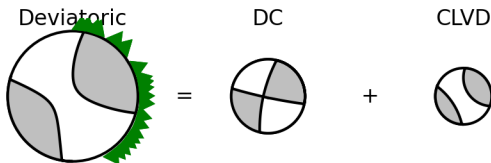
BK.HRCH

 $\Delta=242$  km  $\theta=143^\circ$ 

TS=64 (62) VR=12

Max Amp= $1.29\text{e-}05$  cm

Deviatoric Moment Tensor Inversion  
 Evid = 75104696  
 Depth = 36.0 km  
 Mw = 4.02  
 M0 = 1.35e+22 dyne-cm  
 Percent DC/CLVD/ISO = 57/43/0  
 sdr = (193,76,5) (102,86,166)  
 npts = 120 vred = 7.692 km/s  
 VR = 3.10% lune:-12,0

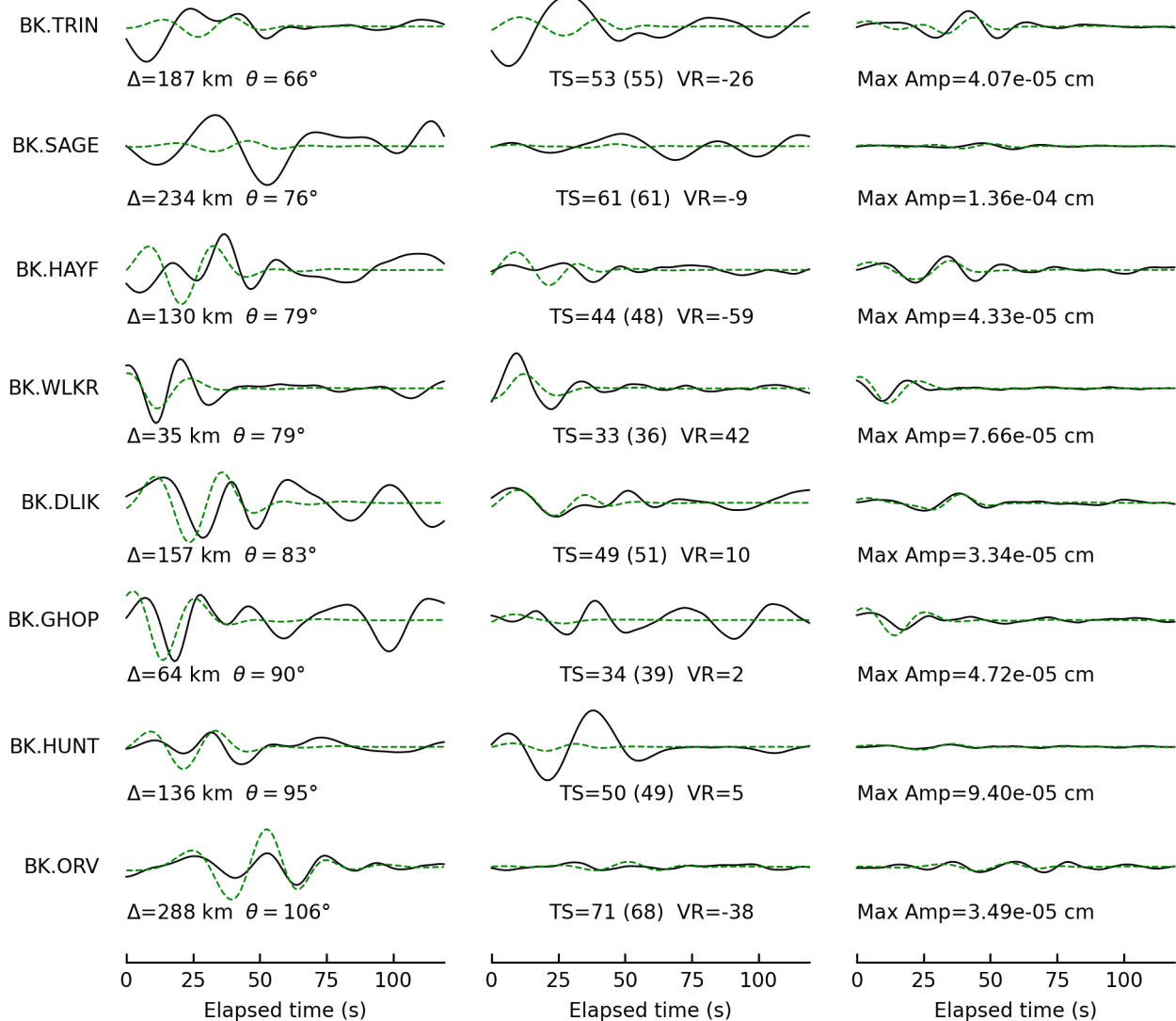




Tangential

Radial

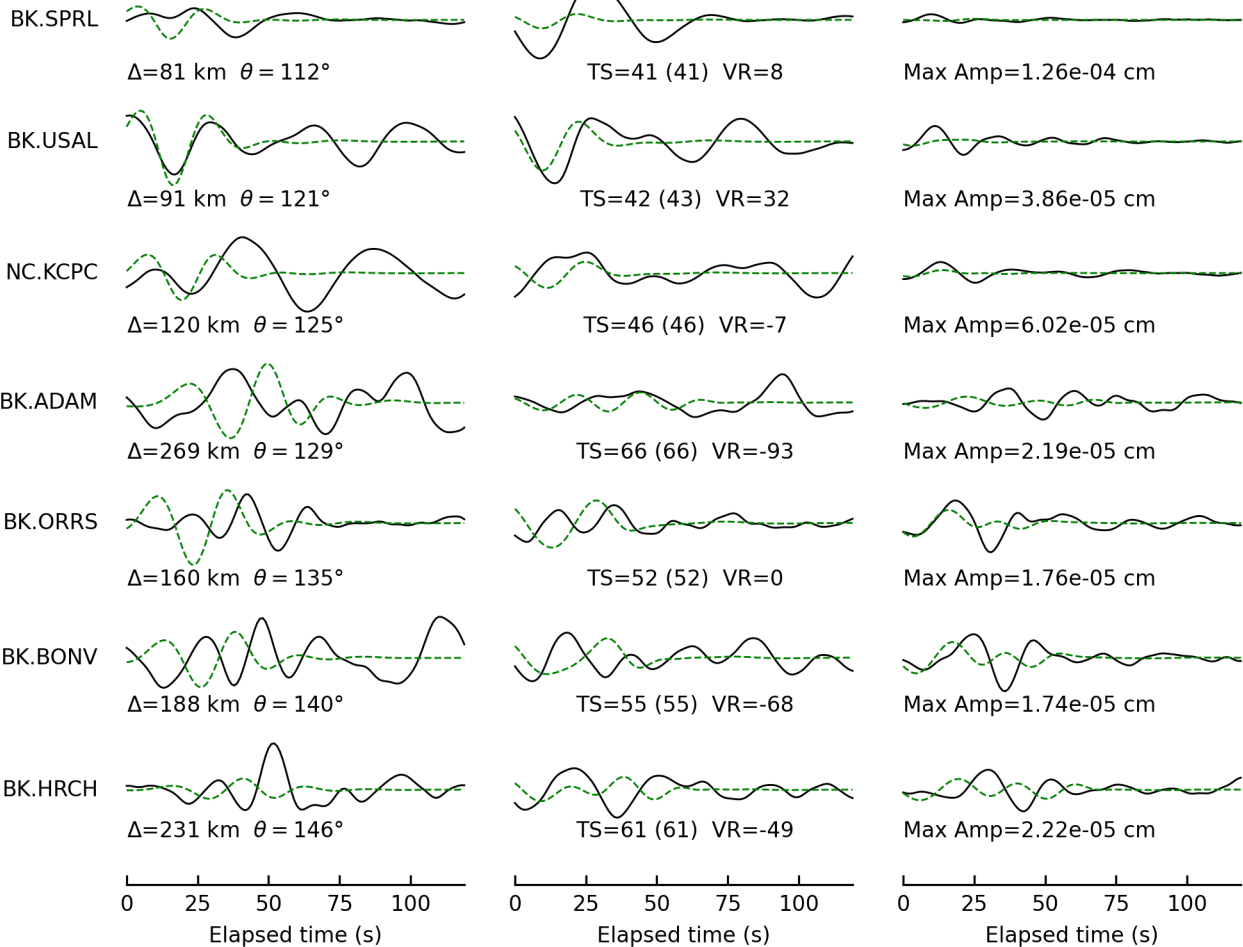
Vertical



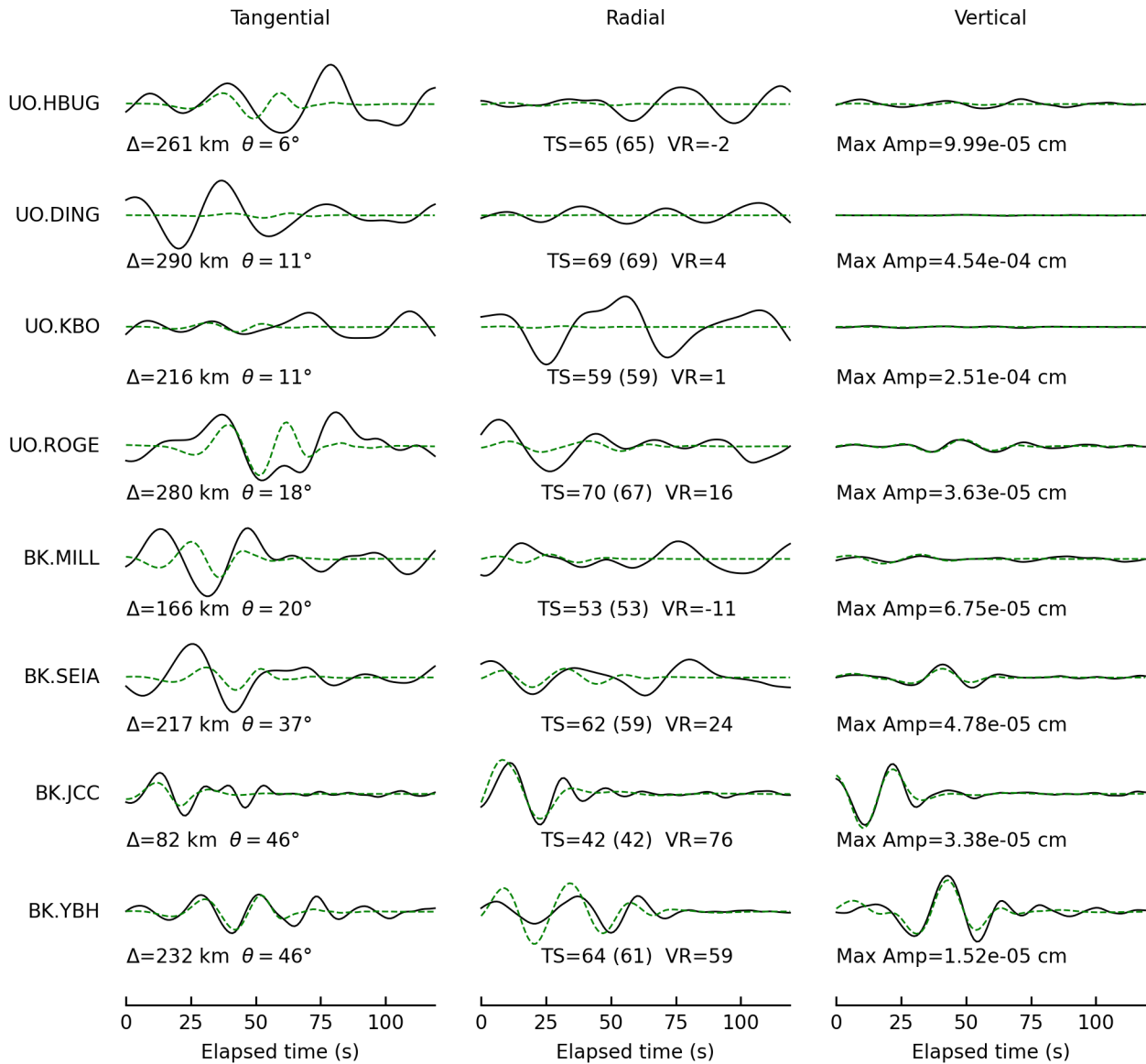
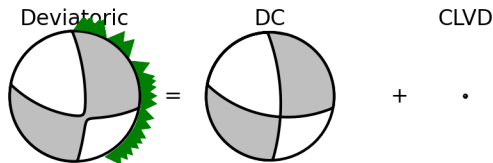
Tangential

Radial

Vertical



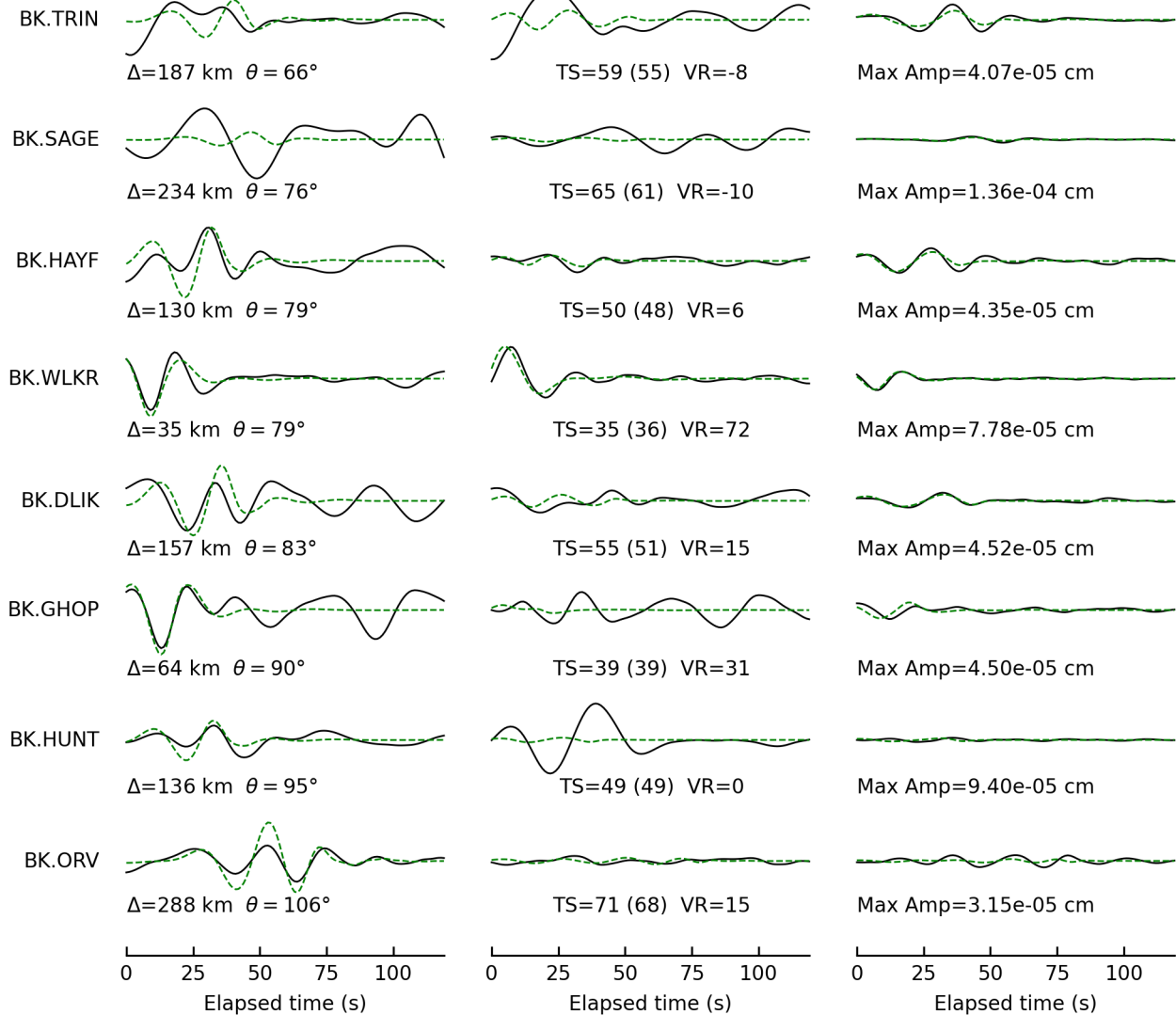
Deviatoric Moment Tensor Inversion  
 Evid = 75104696  
 Depth = 6.0 km  
 Mw = 3.78  
 M0 = 5.91e+21 dyne-cm  
 Percent DC/CLVD/ISO = 98/2/0  
 sdr = (358,72,-36) (100,57,-158)  
 npts = 120 vred = 7.692 km/s  
 VR = 2.49% lune:0,0



Tangential

Radial

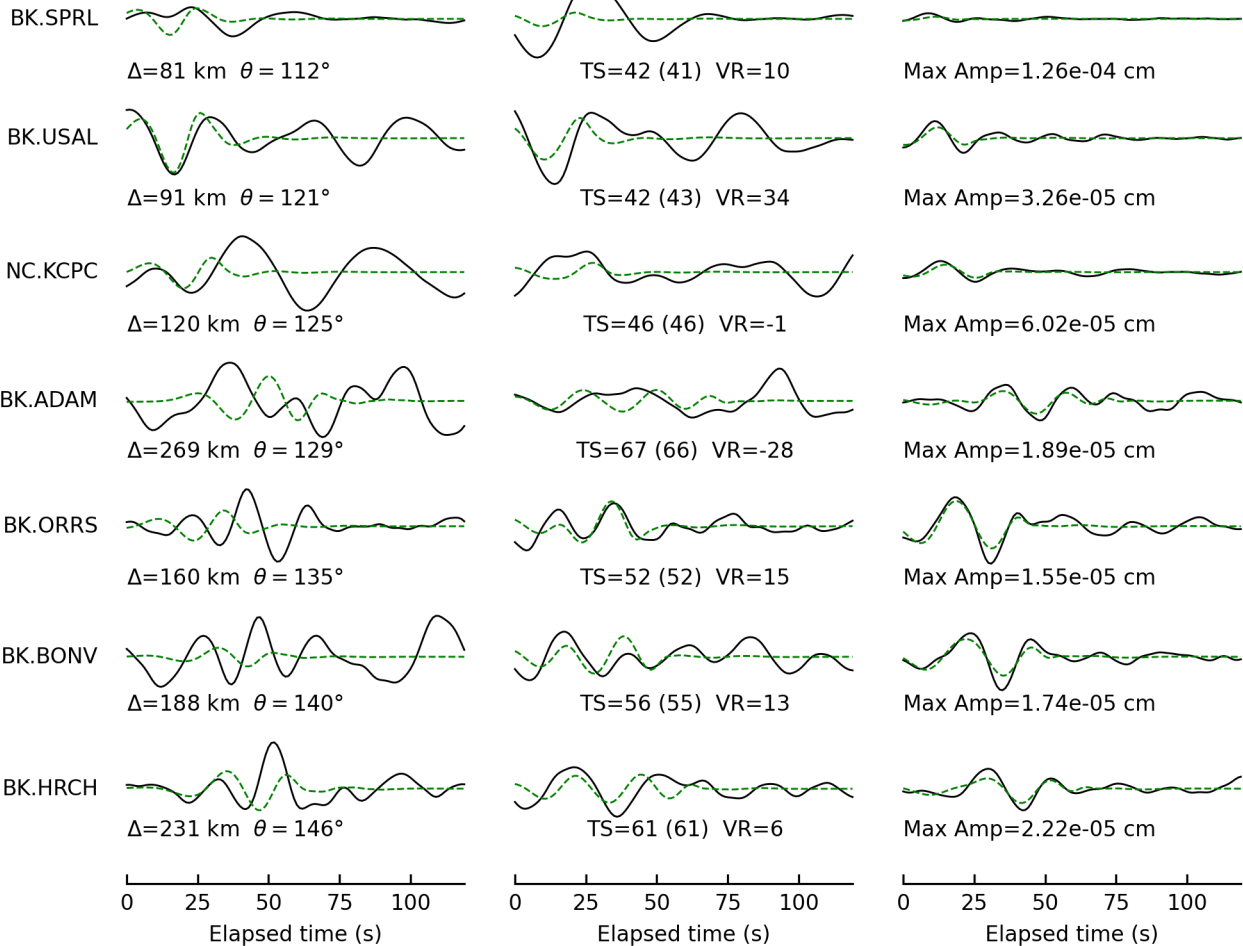
Vertical



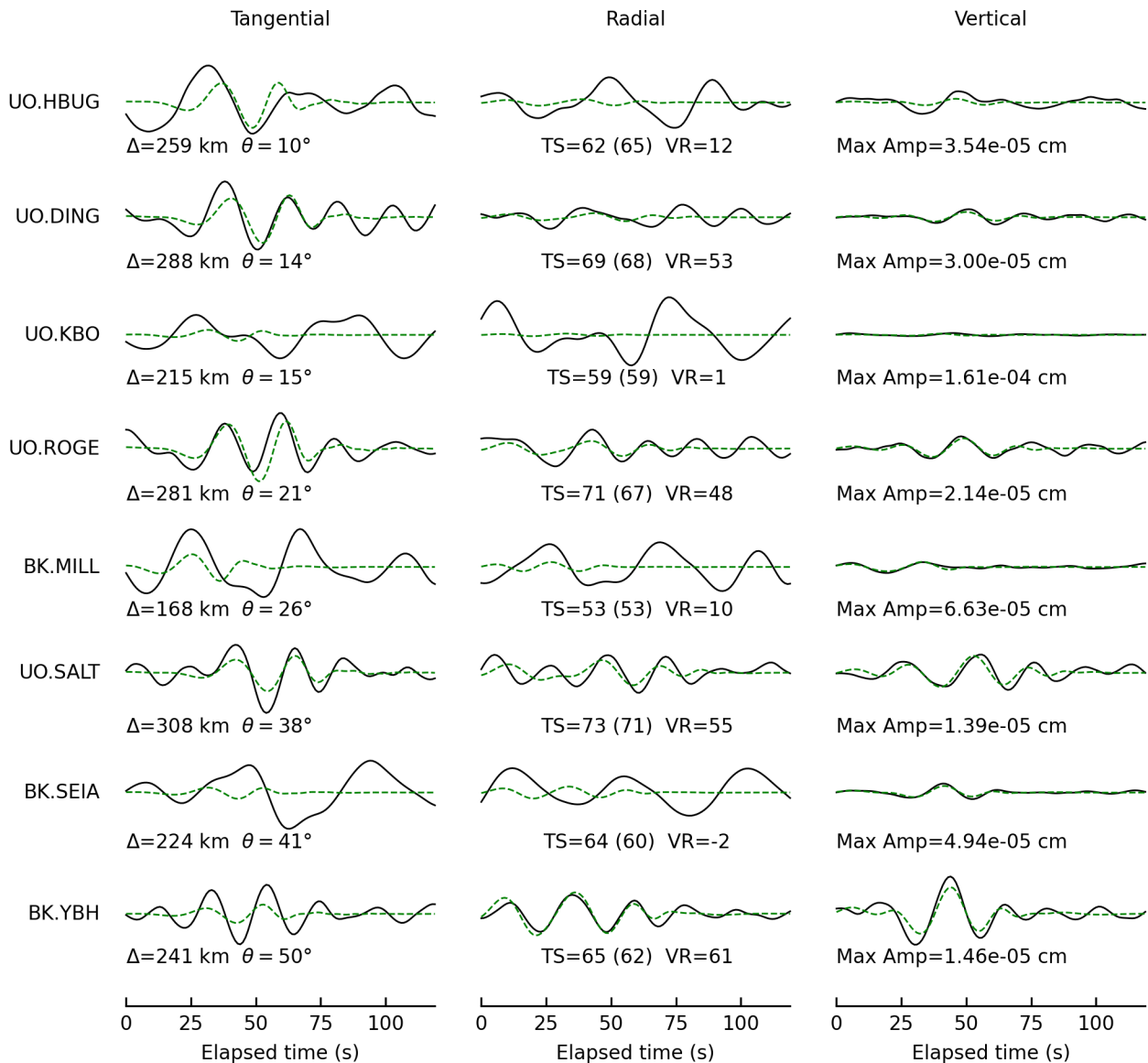
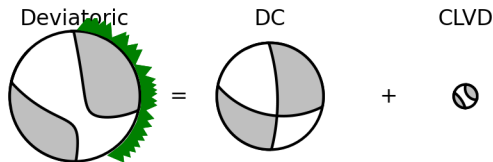
Tangential

Radial

Vertical



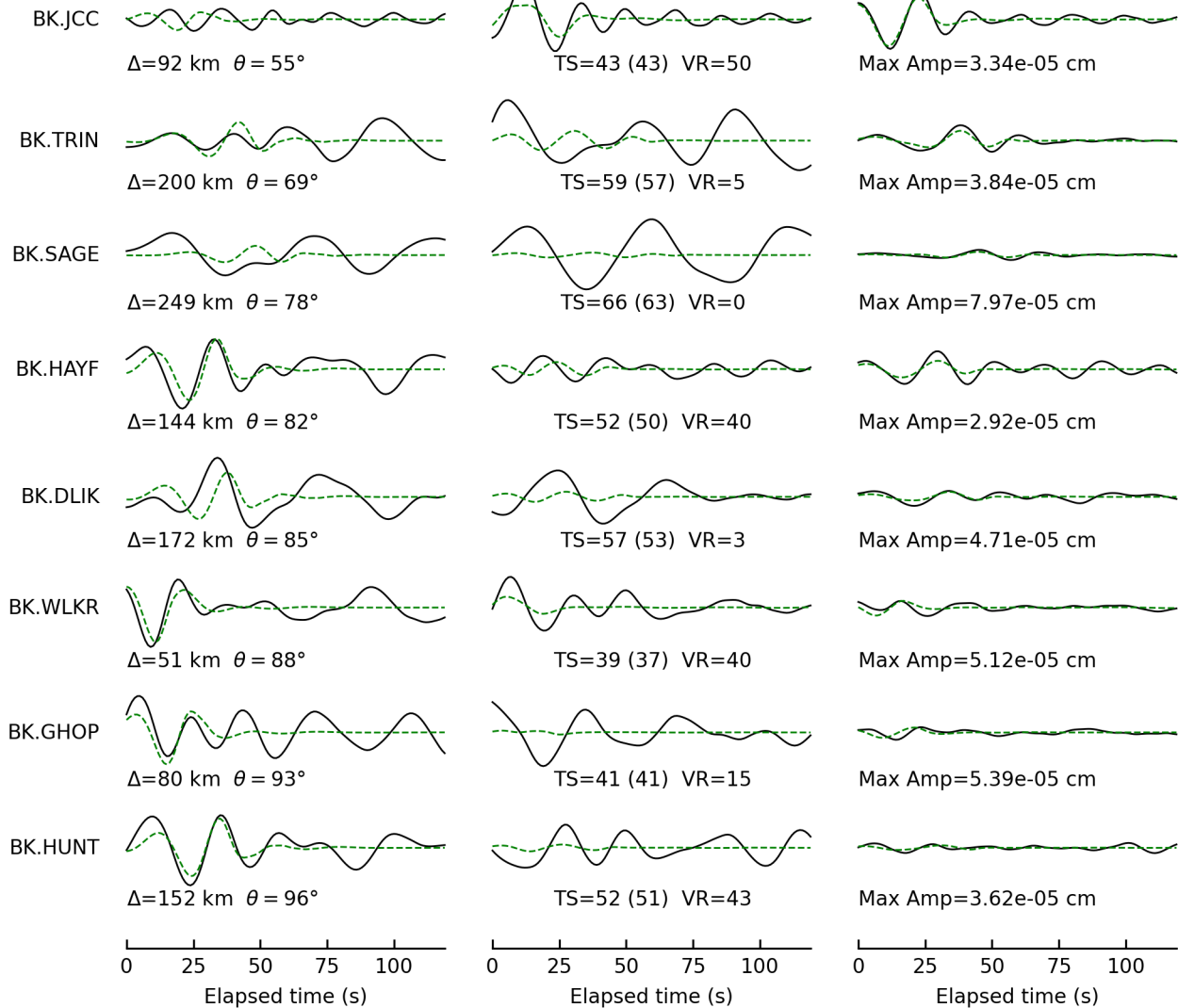
Deviatoric Moment Tensor Inversion  
 Evid = 75104866  
 Depth = 4.0 km  
 Mw = 3.65  
 M0 = 3.78e+21 dyne-cm  
 Percent DC/CLVD/ISO = 82/18/0  
 sdr = (359,74,-40) (101,52,-160)  
 npts = 120 vred = 7.692 km/s  
 VR = 5.08% lune:-5,0



Tangential

Radial

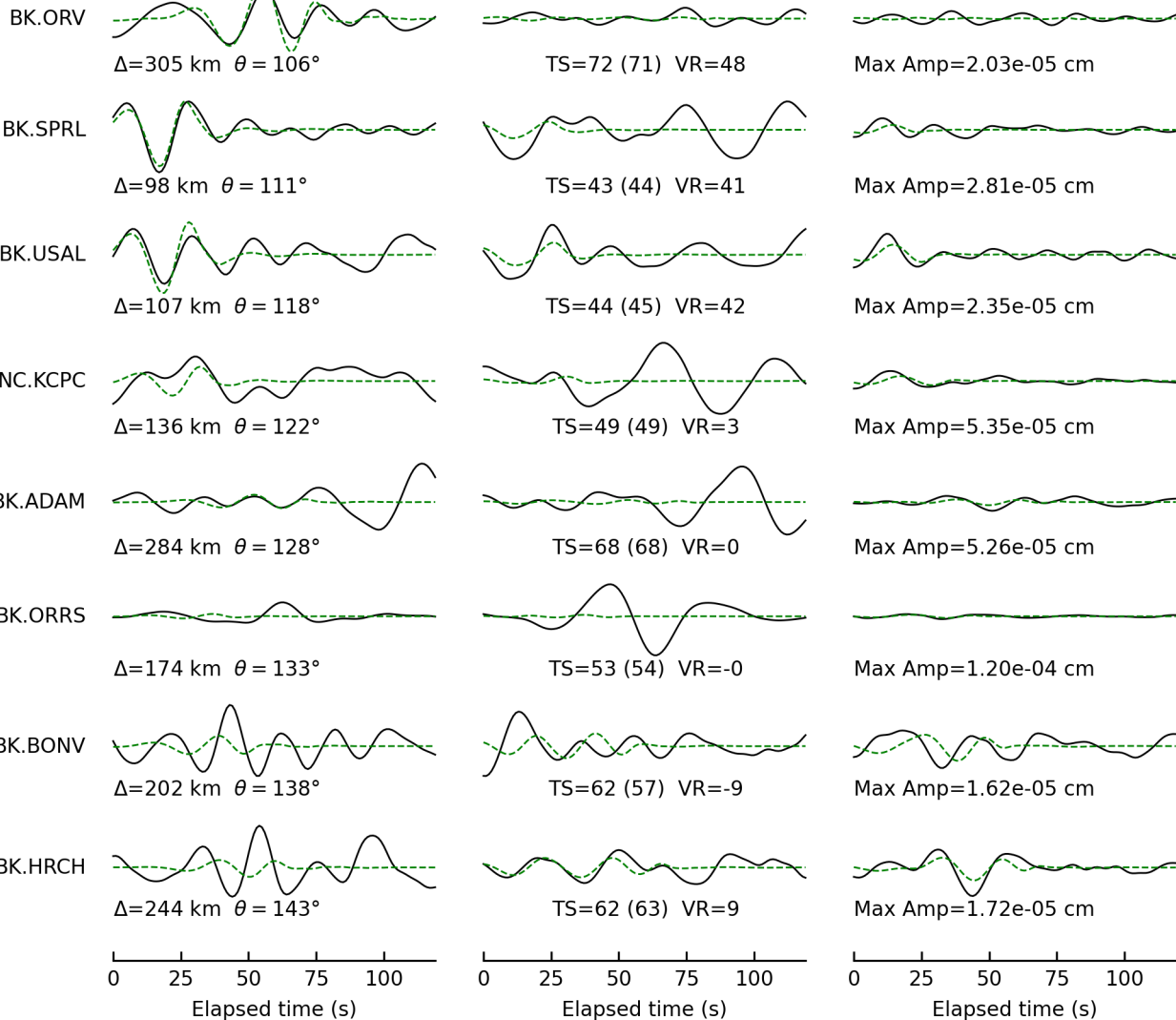
Vertical



Tangential

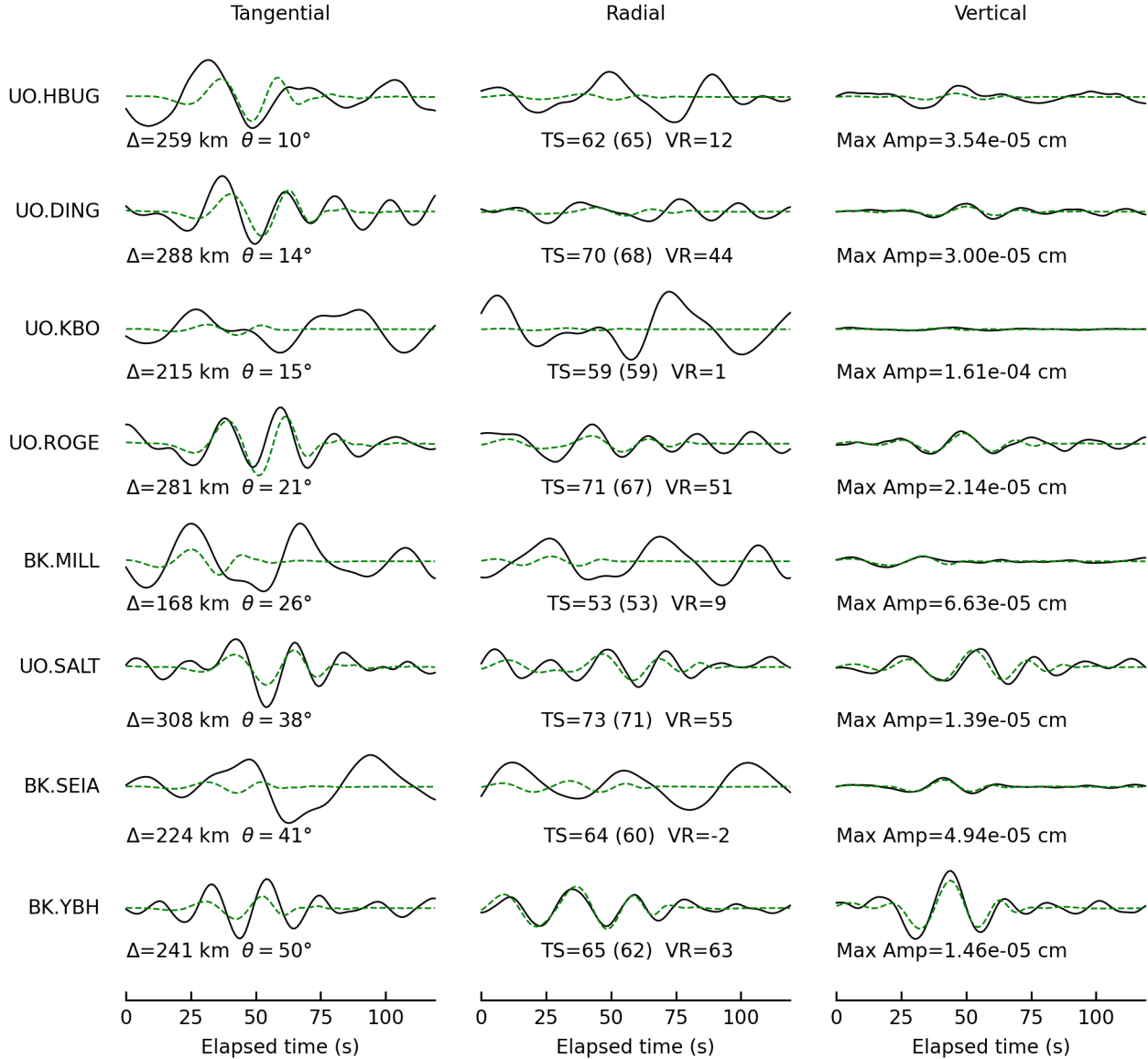
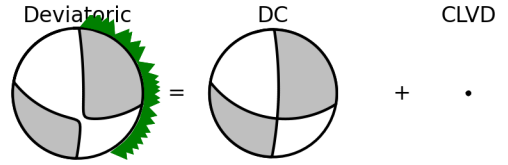
Radial

Vertical





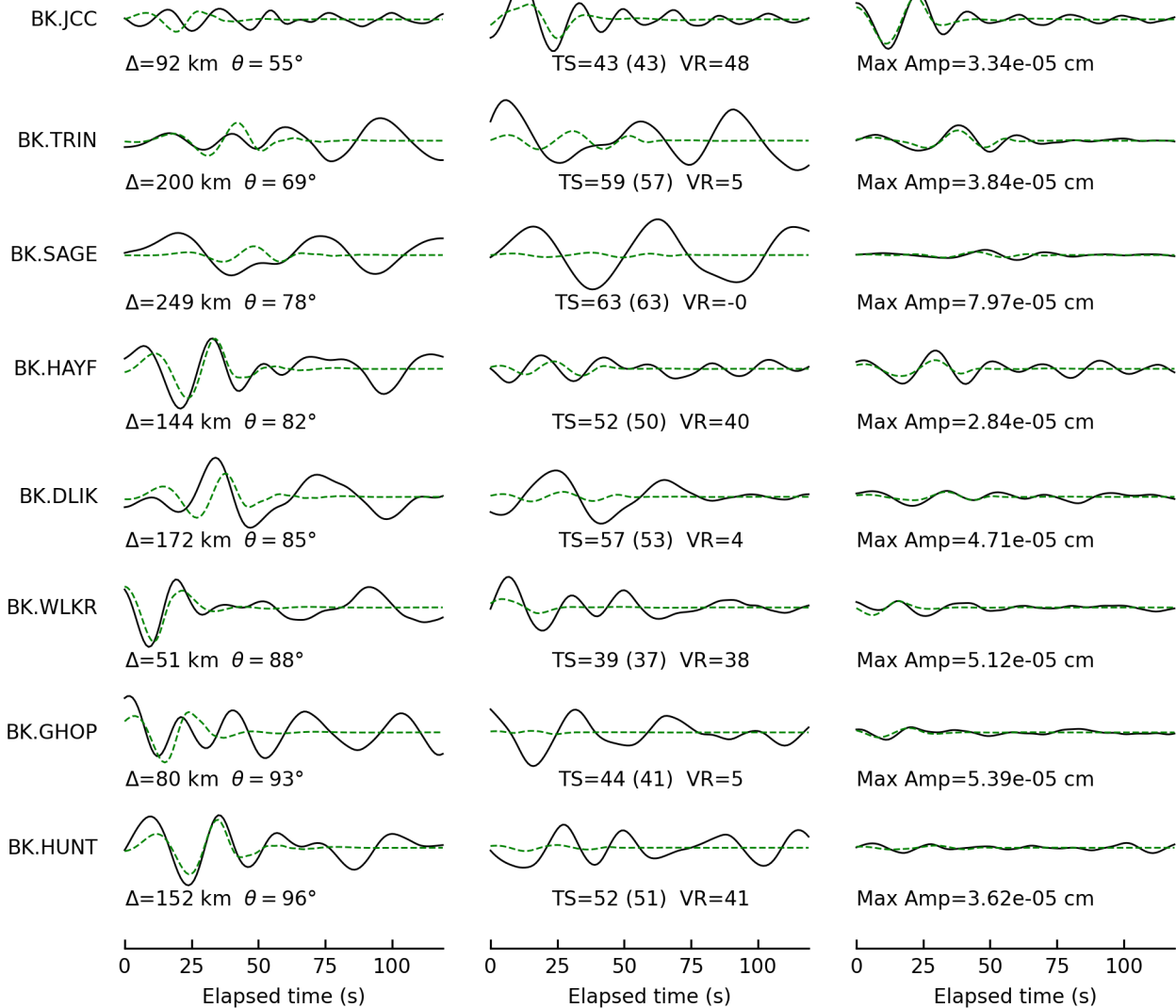
Deviatoric Moment Tensor Inversion  
 Evid = 75104866  
 Depth = 2.0 km  
 Mw = 3.64  
 M0 = 3.61e+21 dyne-cm  
 Percent DC/CLVD/ISO = 98/2/0  
 sdr = (100,48,-167) (1,80,-43)  
 npts = 120 vred = 7.692 km/s  
 VR = 4.72% lune:-1,0



Tangential

Radial

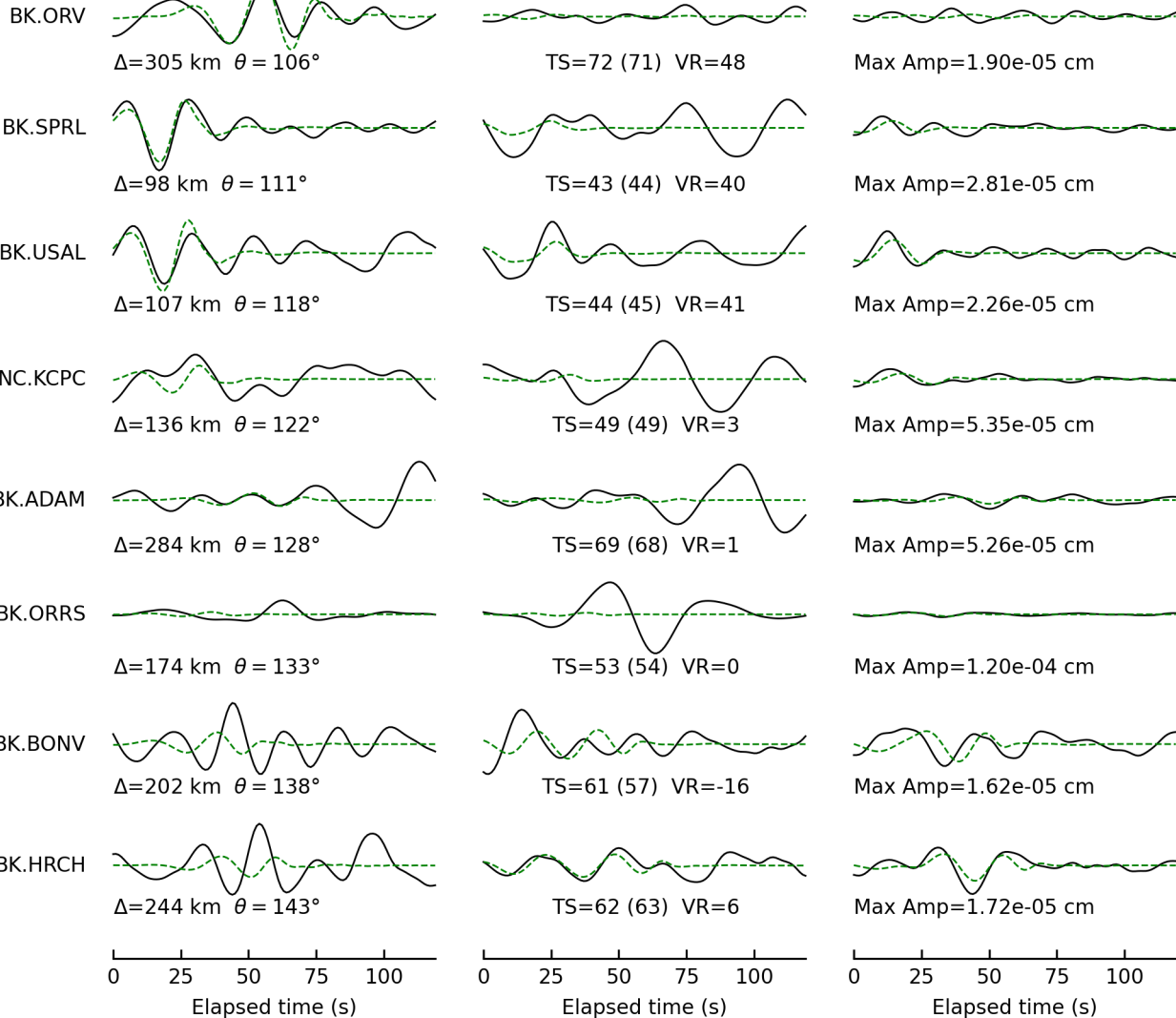
Vertical



Tangential

Radial

Vertical



# Deviatoric Moment Tensor Inversion

Evid = 75104871

Depth = 17.0 km

Mw = 3.72

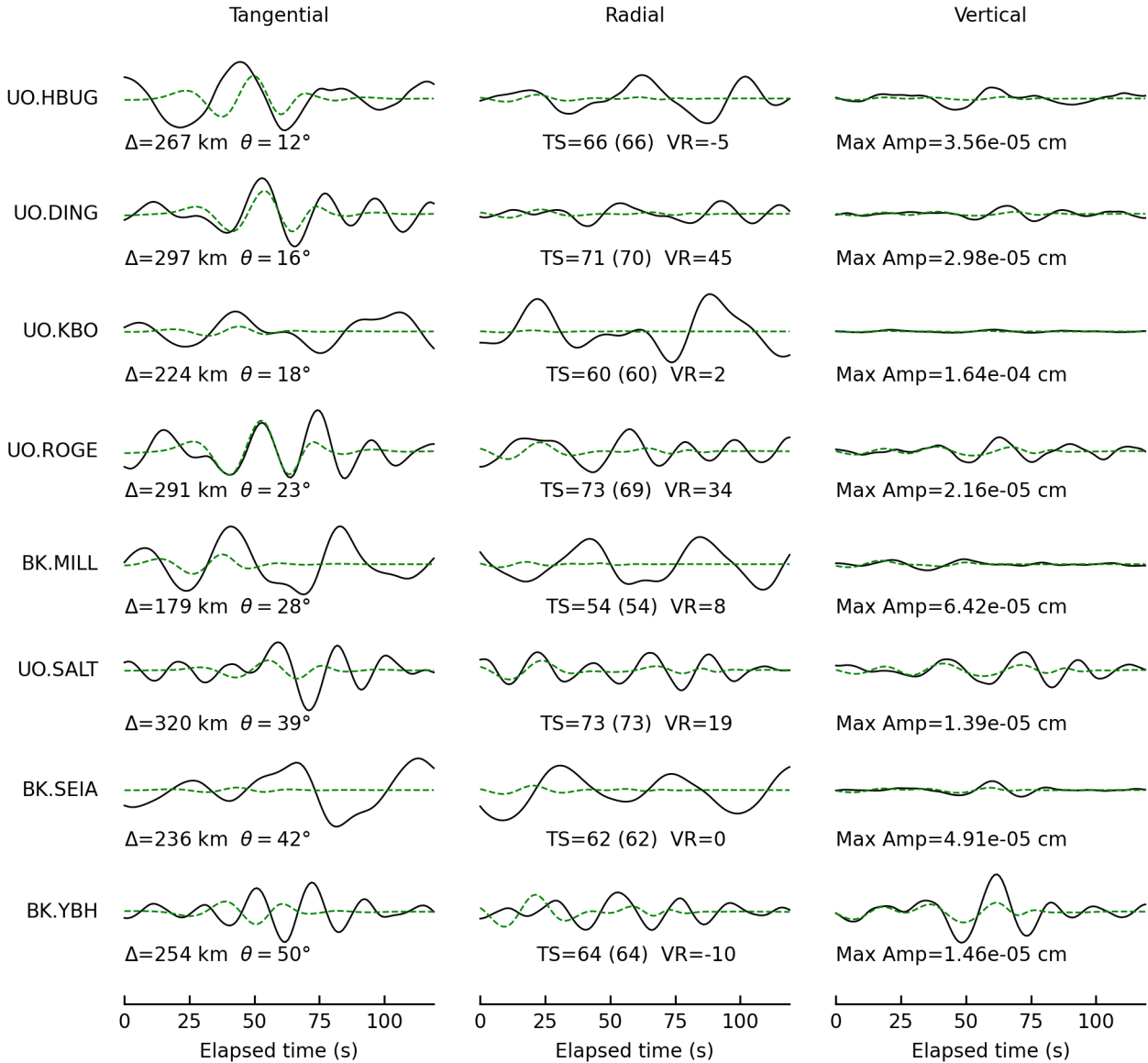
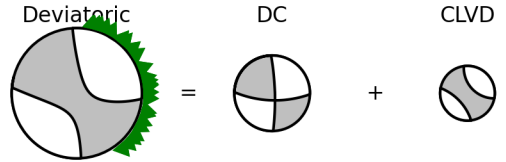
M0 = 4.78e+21 dyne-cm

Percent DC/CLVD/ISO = 58/42/0

sdr = (358,82,159) (92,69,9)

npts = 120 vred = 7.692 km/s

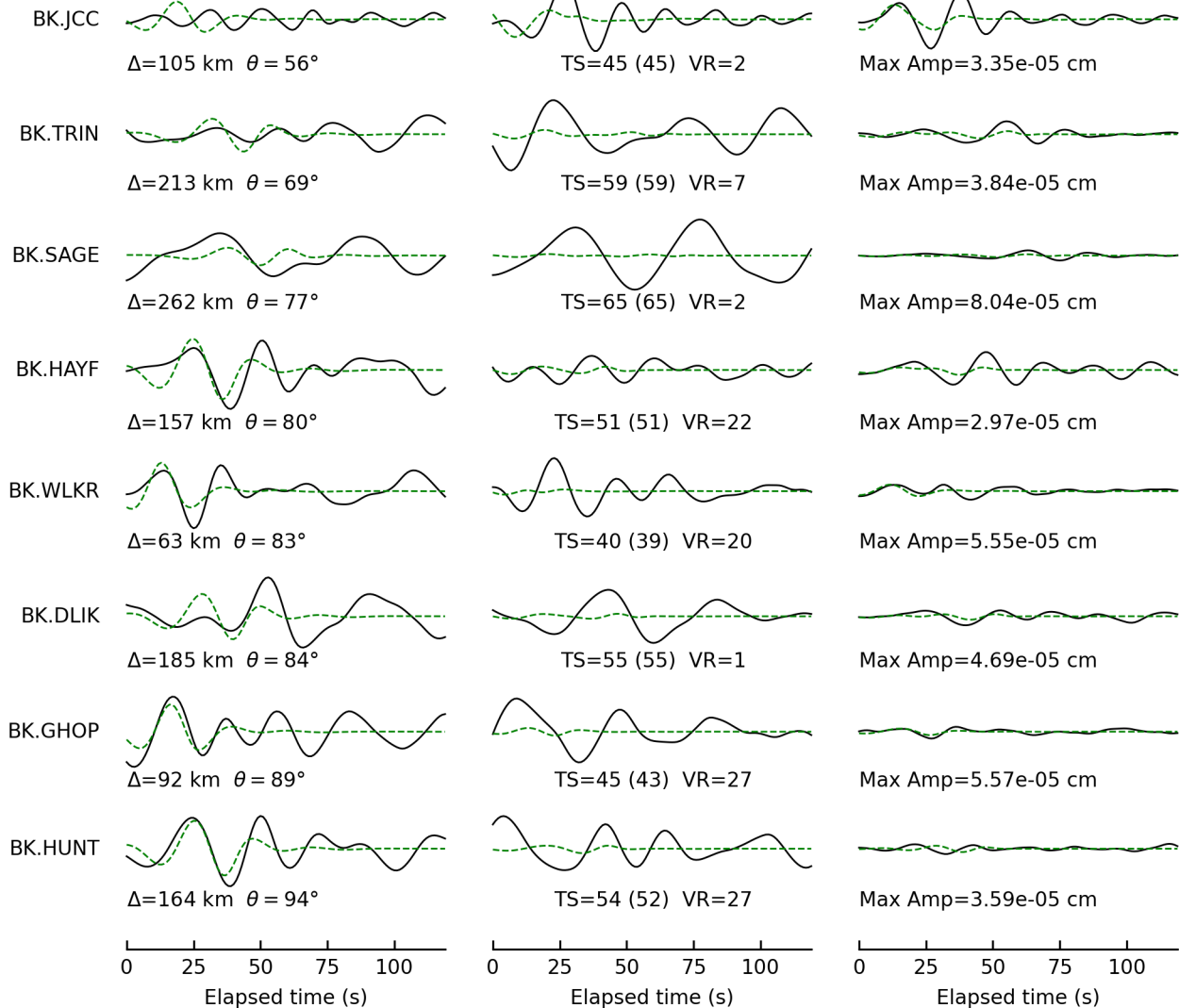
VR = 4.50% lune:11,0



Tangential

Radial

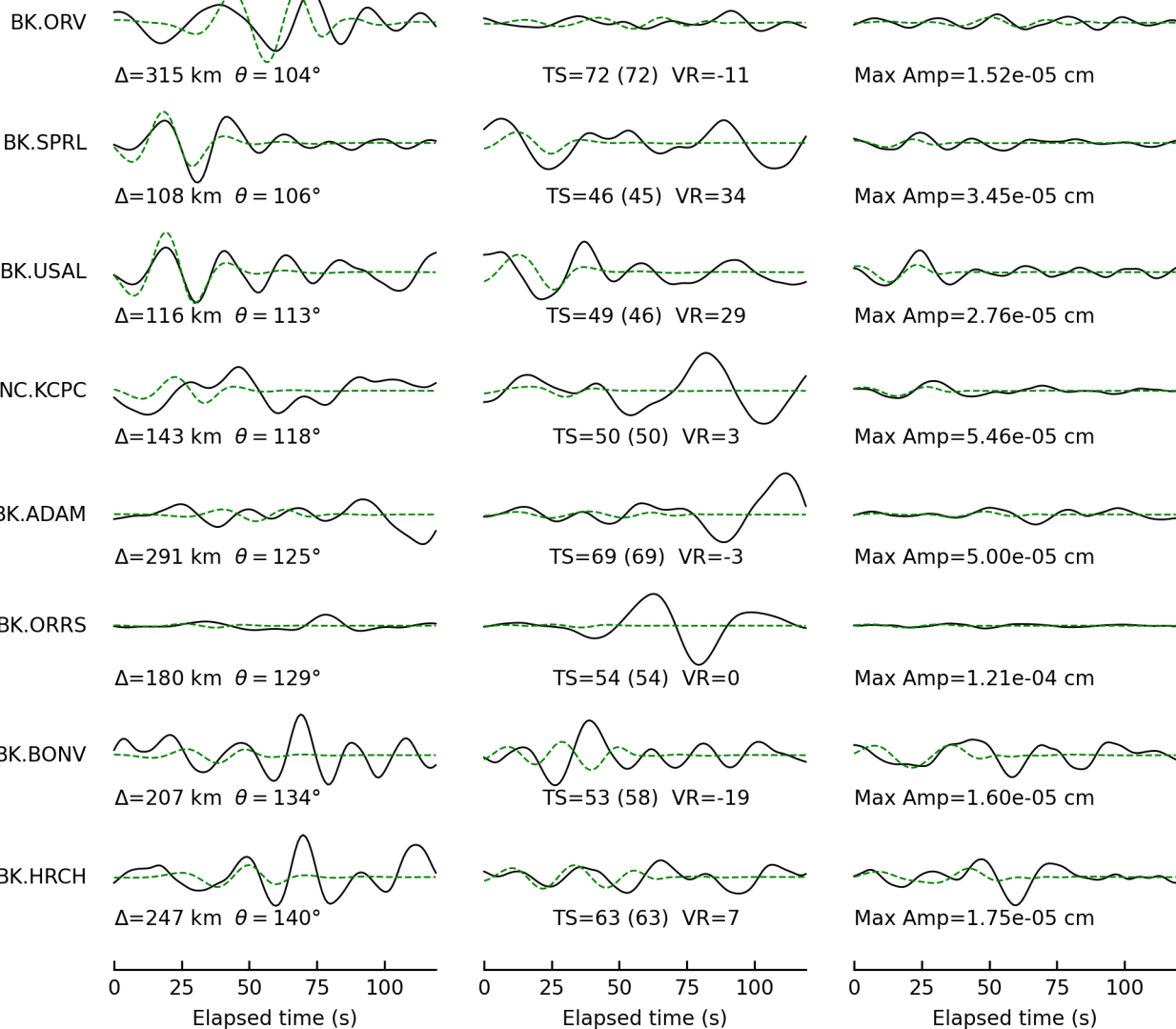
Vertical



Tangential

Radial

Vertical



Deviatoric Moment Tensor Inversion

Evid = 75104871

Depth = 28.0 km

Mw = 3.80

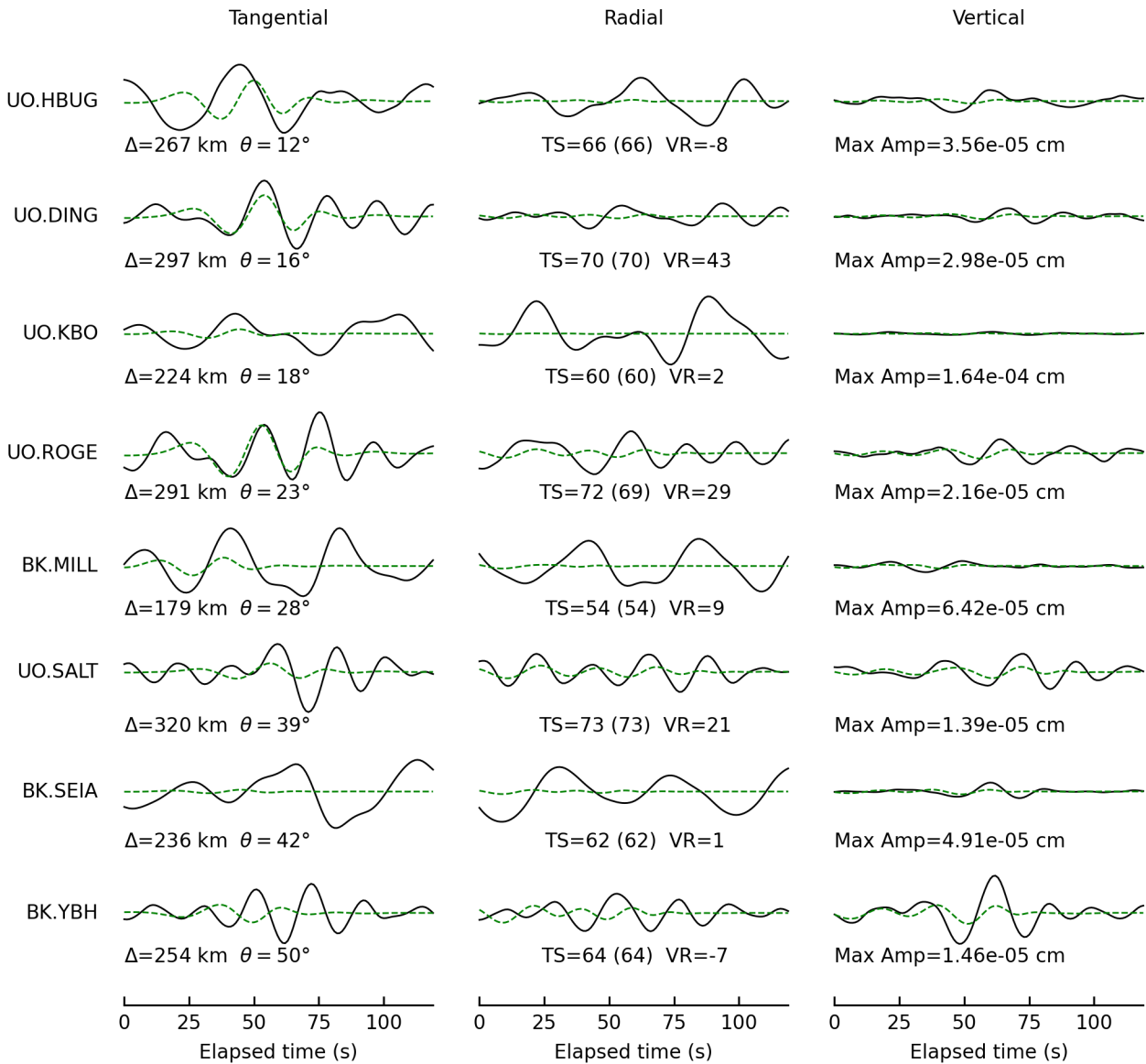
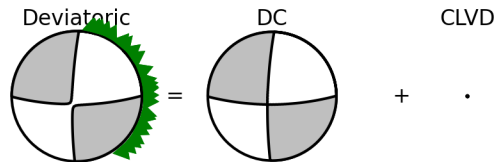
M0 = 6.32e+21 dyne-cm

Percent DC/CLVD/ISO = 99/1/0

sdr = (90,75,-8) (182,82,-165)

npts = 120 vred = 7.692 km/s

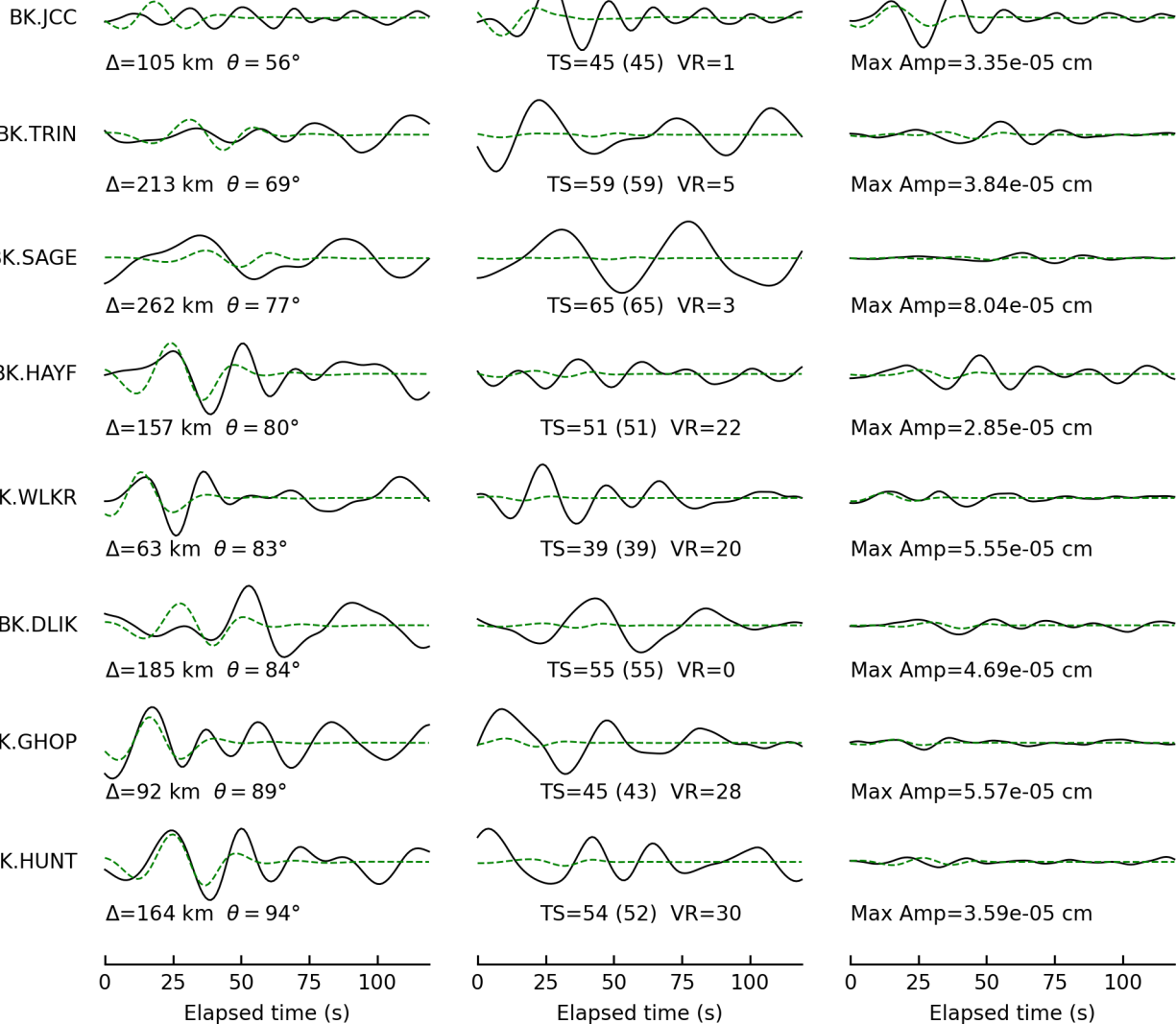
VR = 4.03% lune:0,0



Tangential

Radial

Vertical

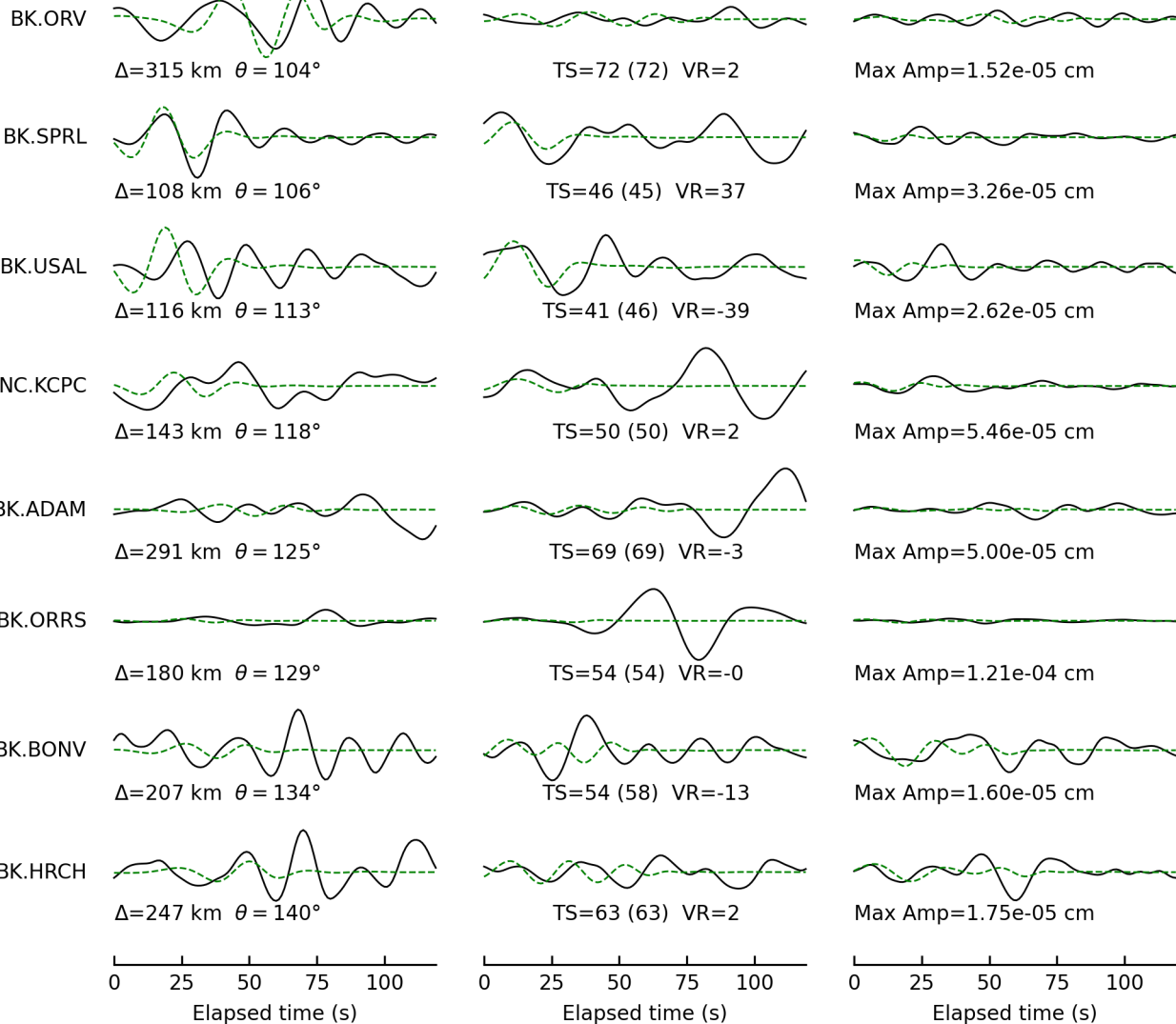




Tangential

Radial

Vertical



# Deviatoric Moment Tensor Inversion

Evid = 75106461

Depth = 39.0 km

Mw = 3.90

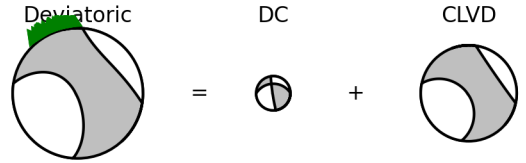
M0 = 8.66e+21 dyne-cm

Percent DC/CLVD/ISO = 26/74/0

sdr = (172,85,122) (269,32,9)

npts = 120 vred = 7.692 km/s

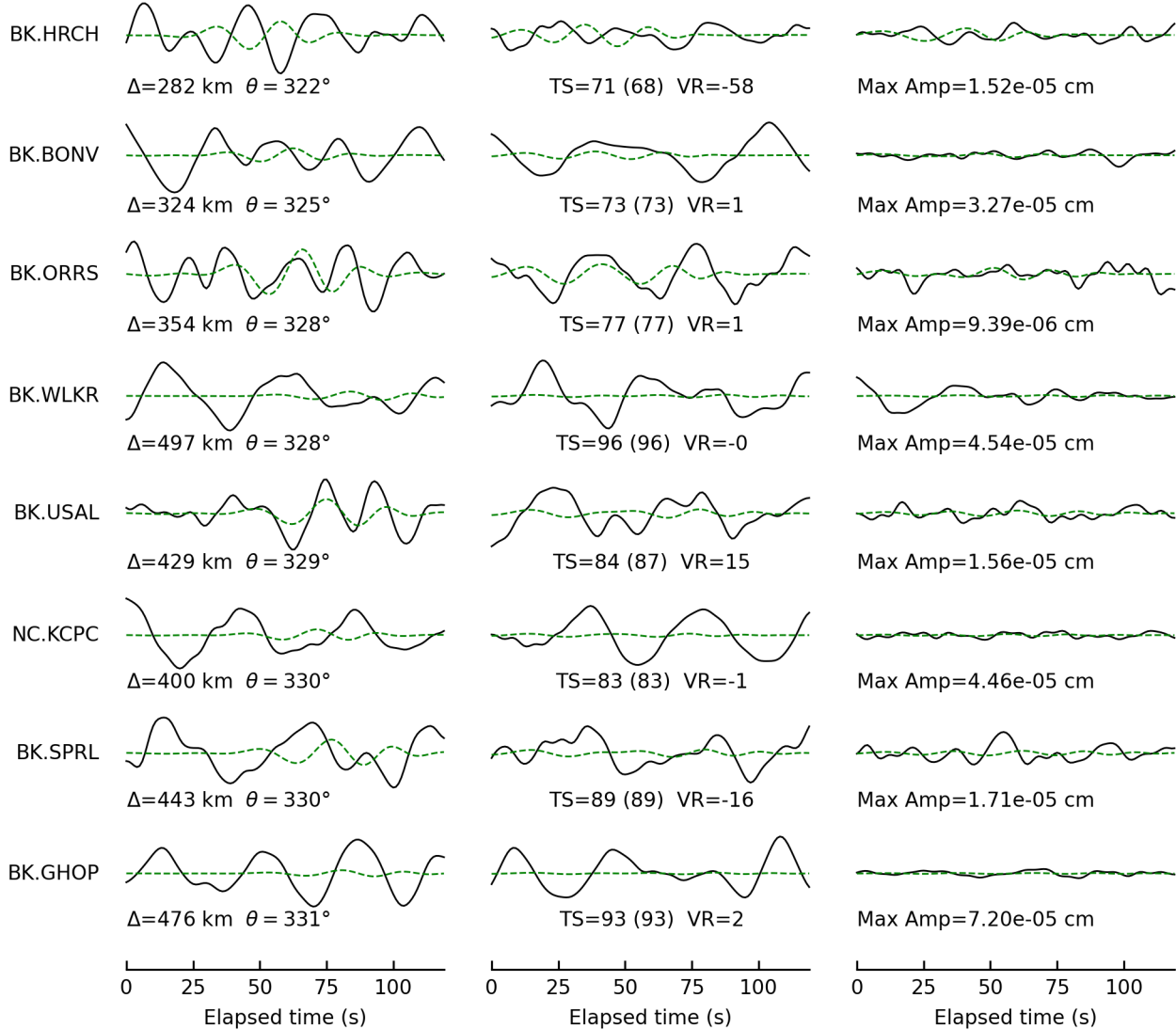
VR = 1.20% lune:21,0



Tangential

Radial

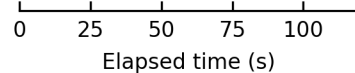
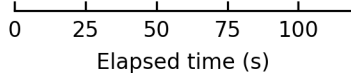
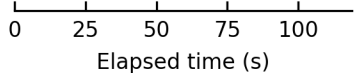
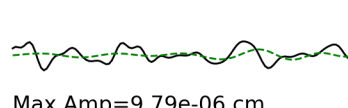
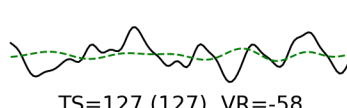
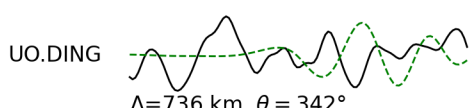
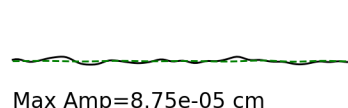
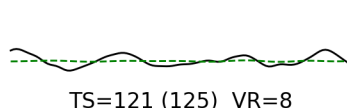
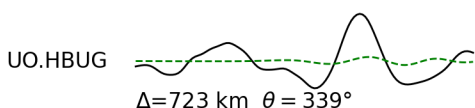
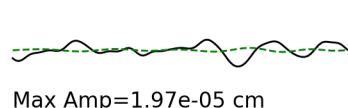
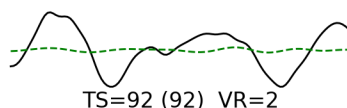
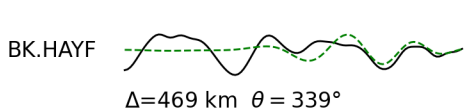
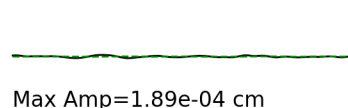
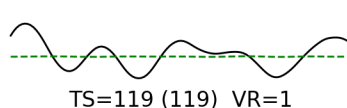
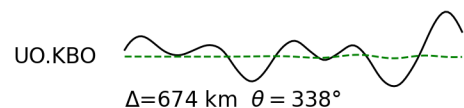
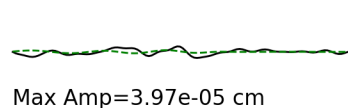
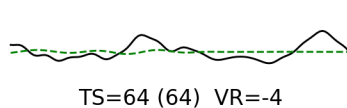
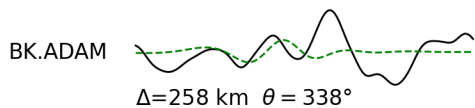
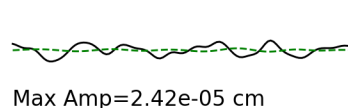
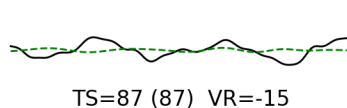
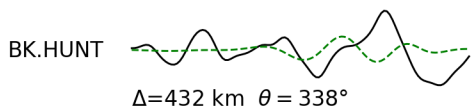
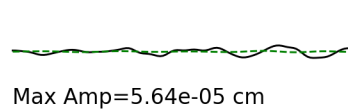
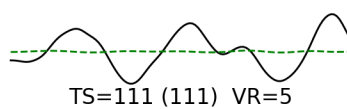
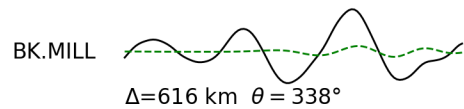
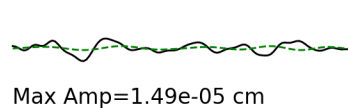
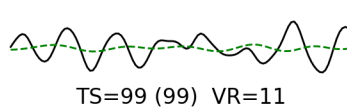
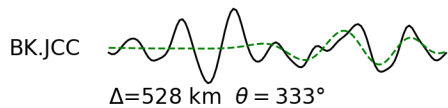
Vertical



Tangential

Radial

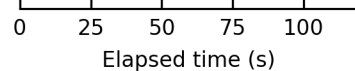
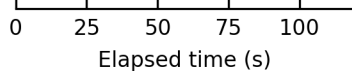
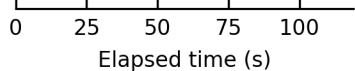
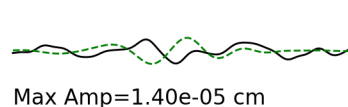
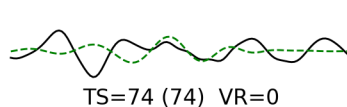
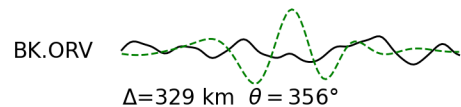
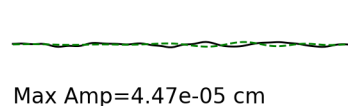
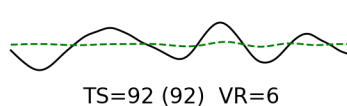
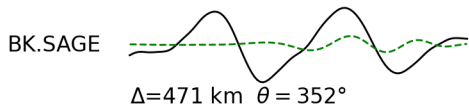
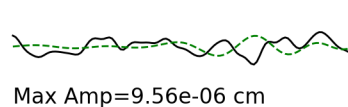
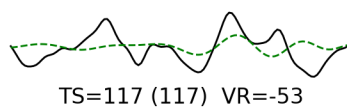
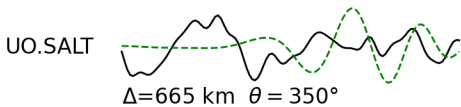
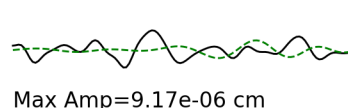
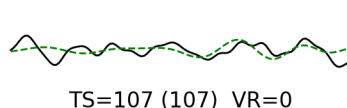
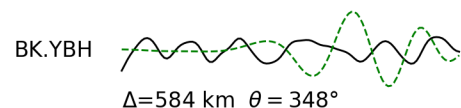
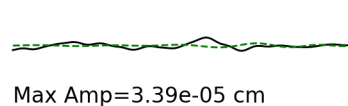
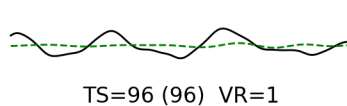
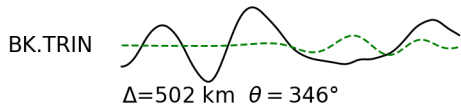
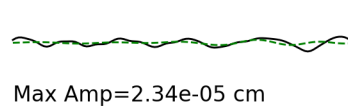
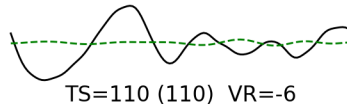
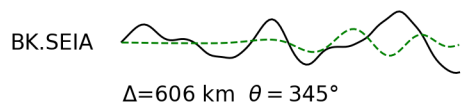
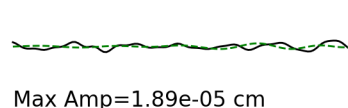
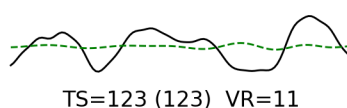
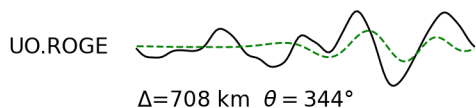
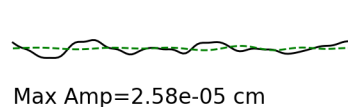
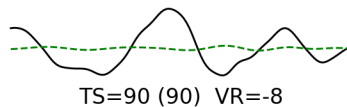
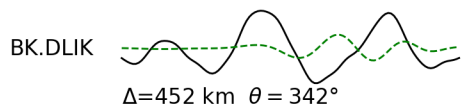
Vertical



Tangential

Radial

Vertical



# Deviatoric Moment Tensor Inversion

Evid = 75106461

Depth = 2.0 km

Mw = 3.87

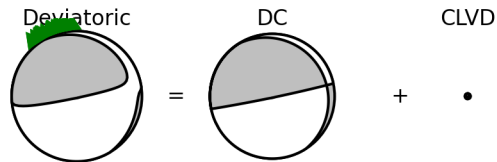
M0 = 7.95e+21 dyne-cm

Percent DC/CLVD/ISO = 96/4/0

sdr = (328,7,159) (78,87,83)

npts = 120 vred = 7.692 km/s

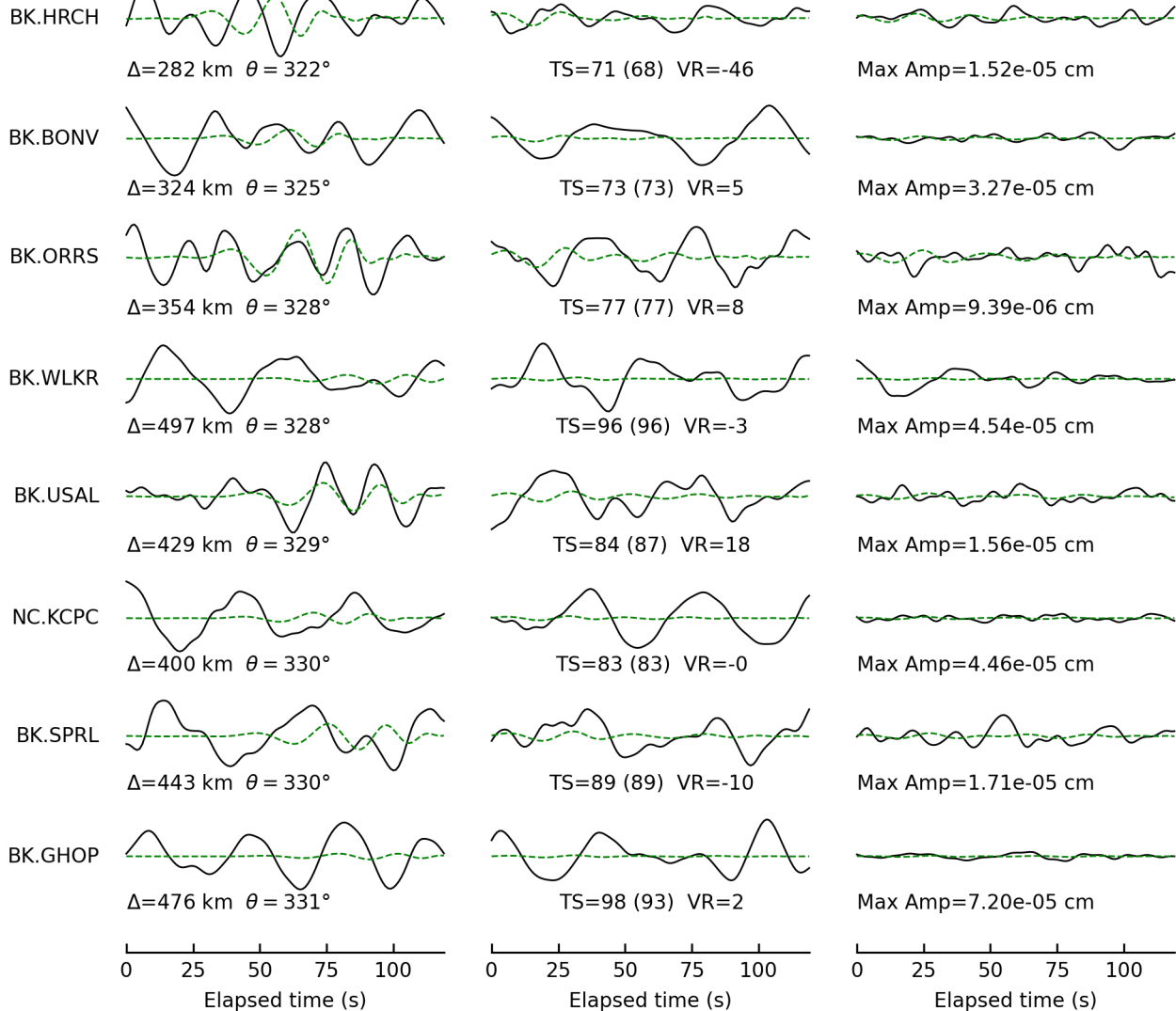
VR = 0.72% lune:-1,0



Tangential

Radial

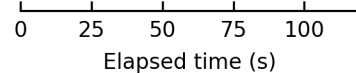
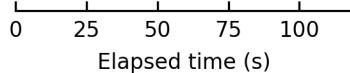
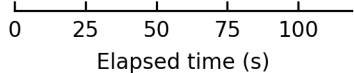
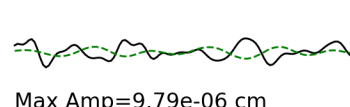
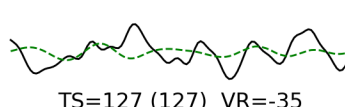
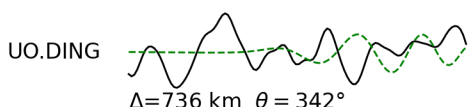
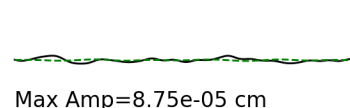
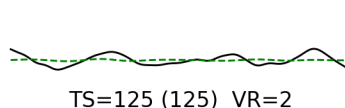
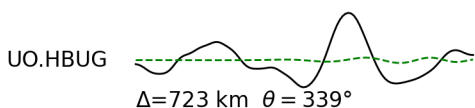
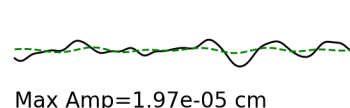
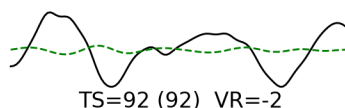
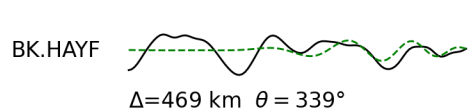
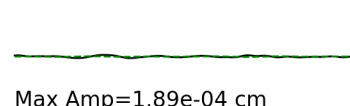
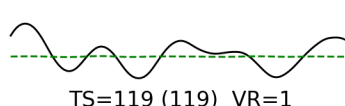
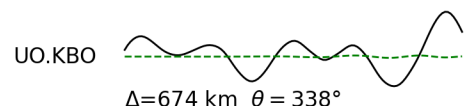
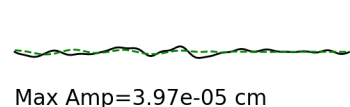
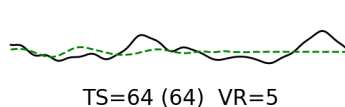
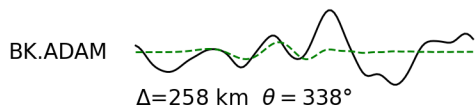
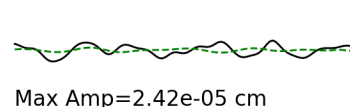
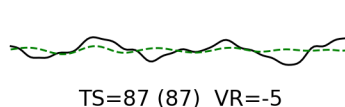
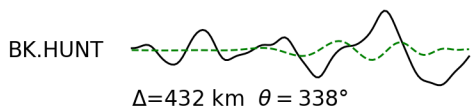
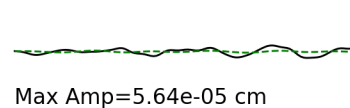
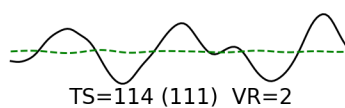
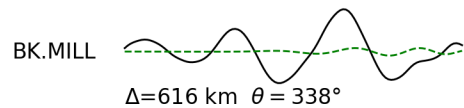
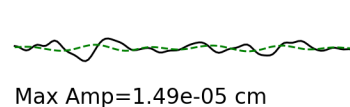
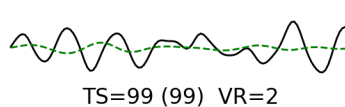
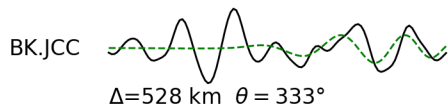
Vertical



Tangential

Radial

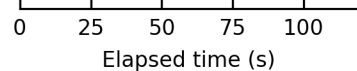
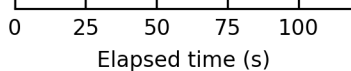
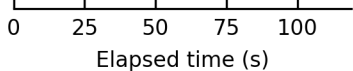
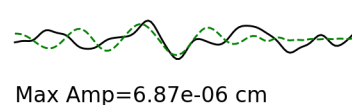
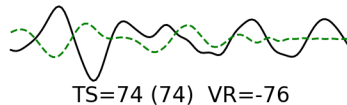
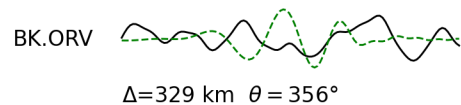
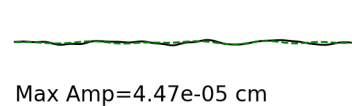
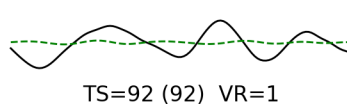
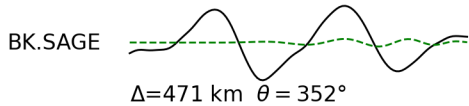
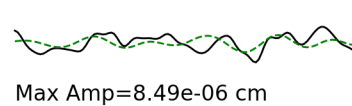
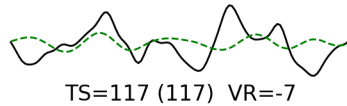
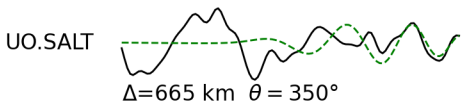
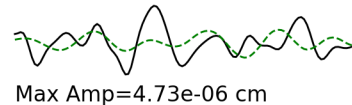
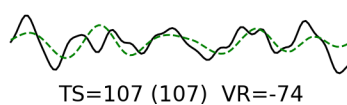
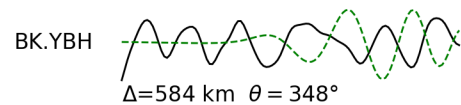
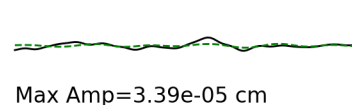
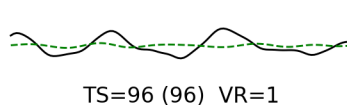
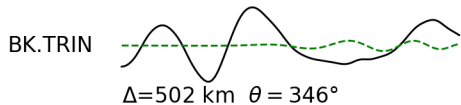
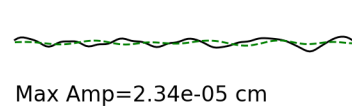
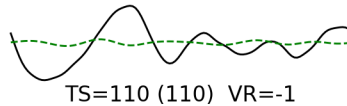
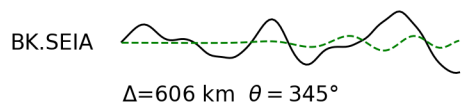
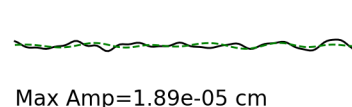
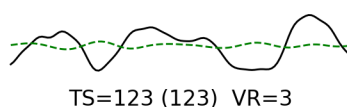
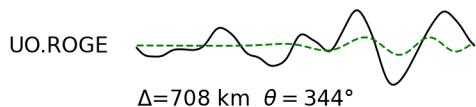
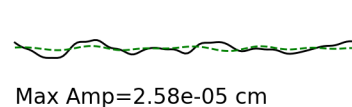
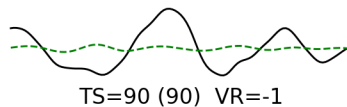
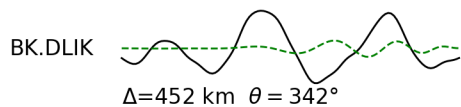
Vertical



Tangential

Radial

Vertical



Deviatoric Moment Tensor Inversion

Evid = 75106741

Depth = 39.0 km

Mw = 4.11

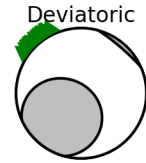
M0 = 1.80e+22 dyne-cm

Percent DC/CLVD/ISO = 7/93/0

sdr = (293,83,104) (48,16,26)

npts = 120 vred = 7.692 km/s

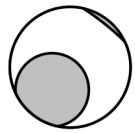
VR = 0.91% lune:-28,0



DC

= ● +

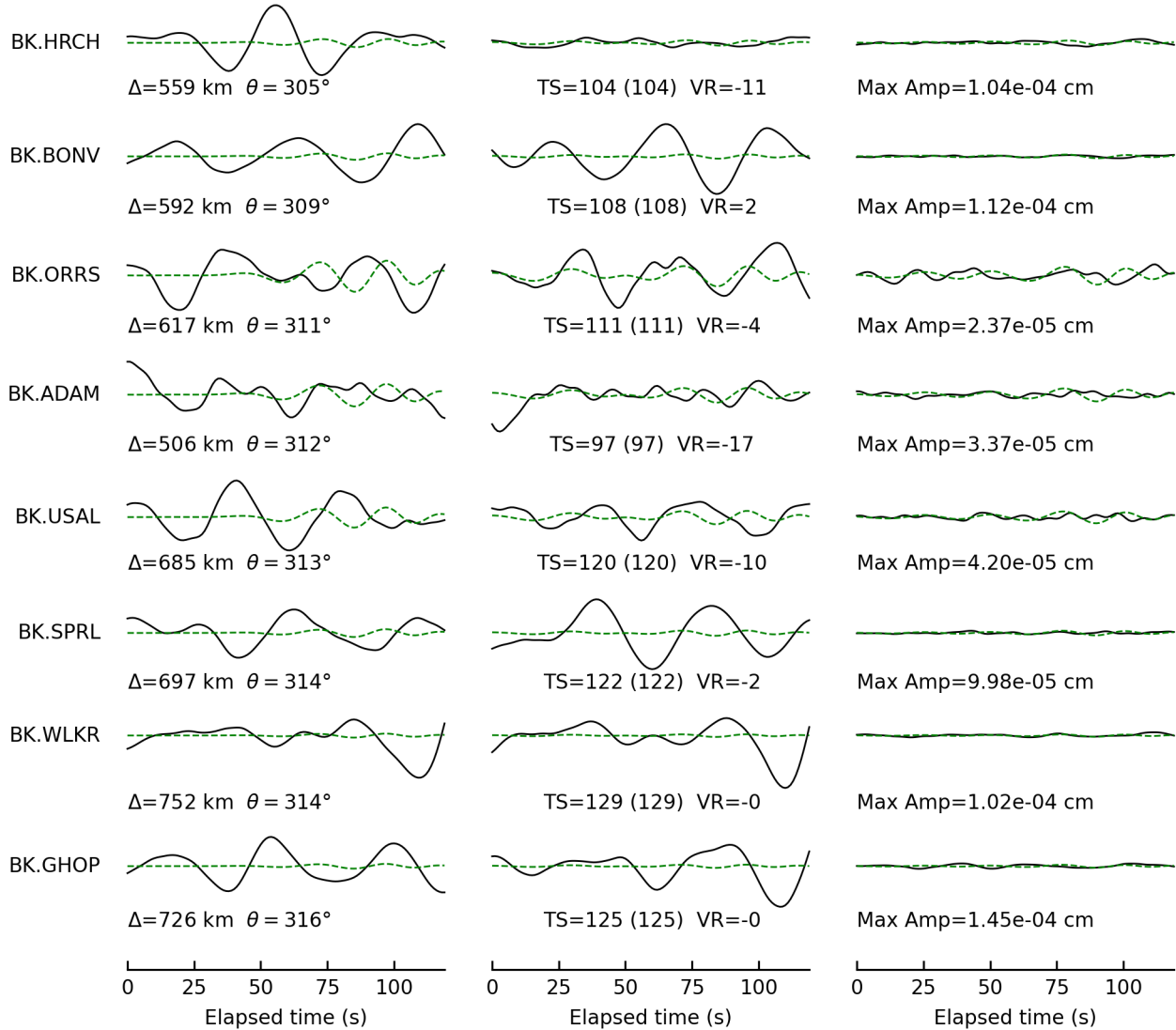
CLVD



Tangential

Radial

Vertical

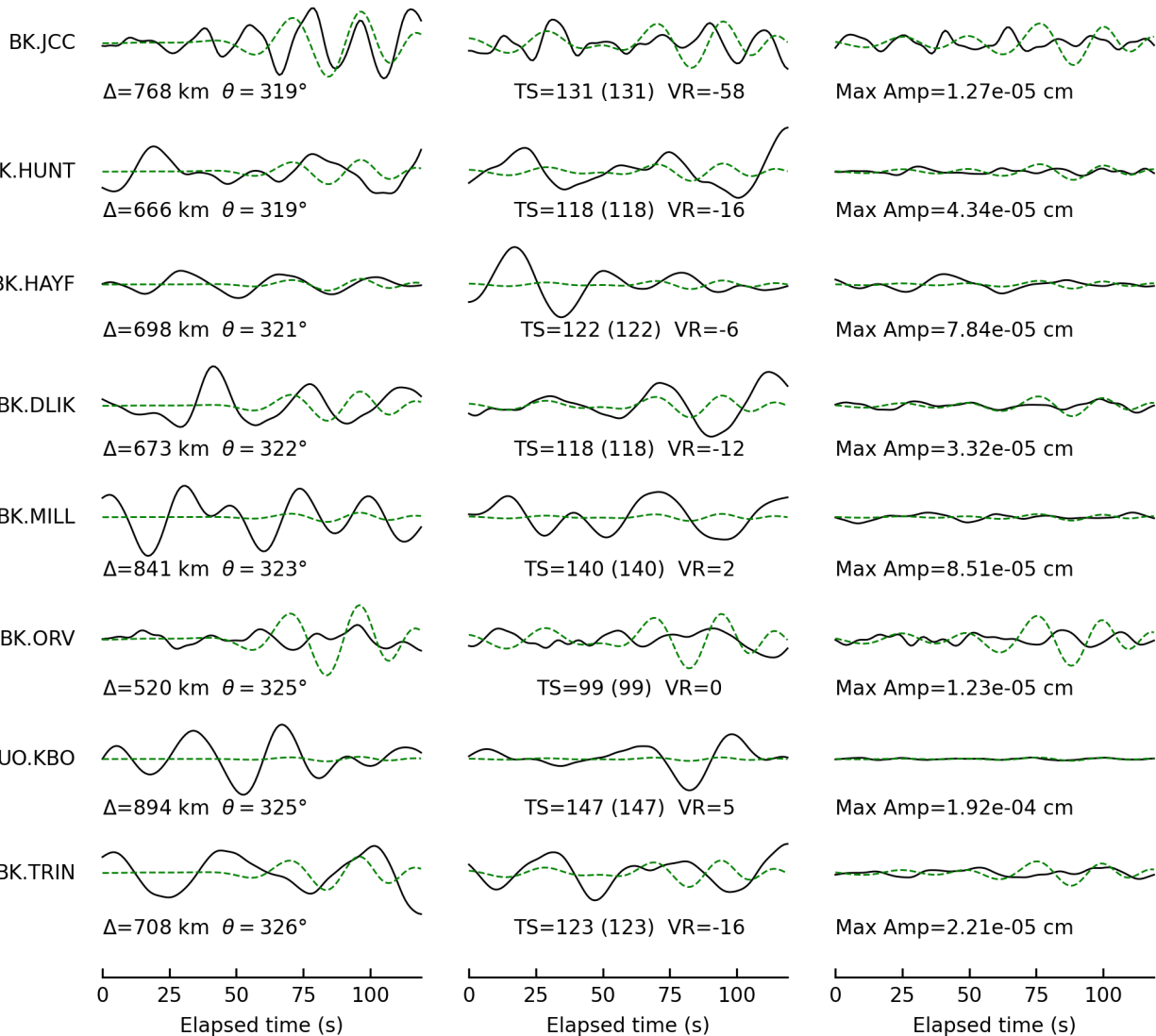


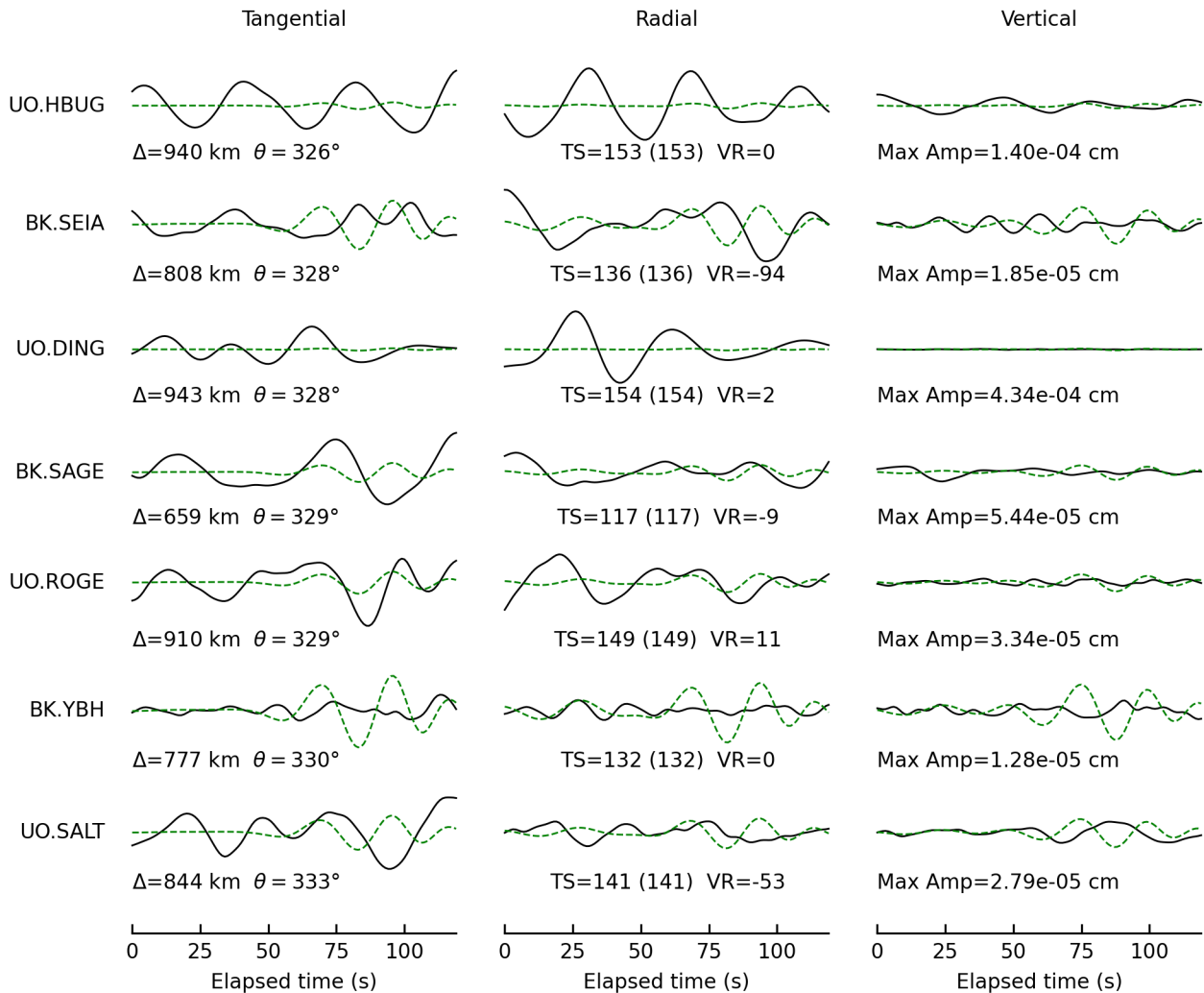


Tangential

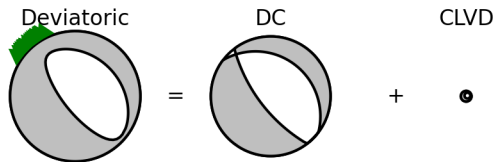
Radial

Vertical





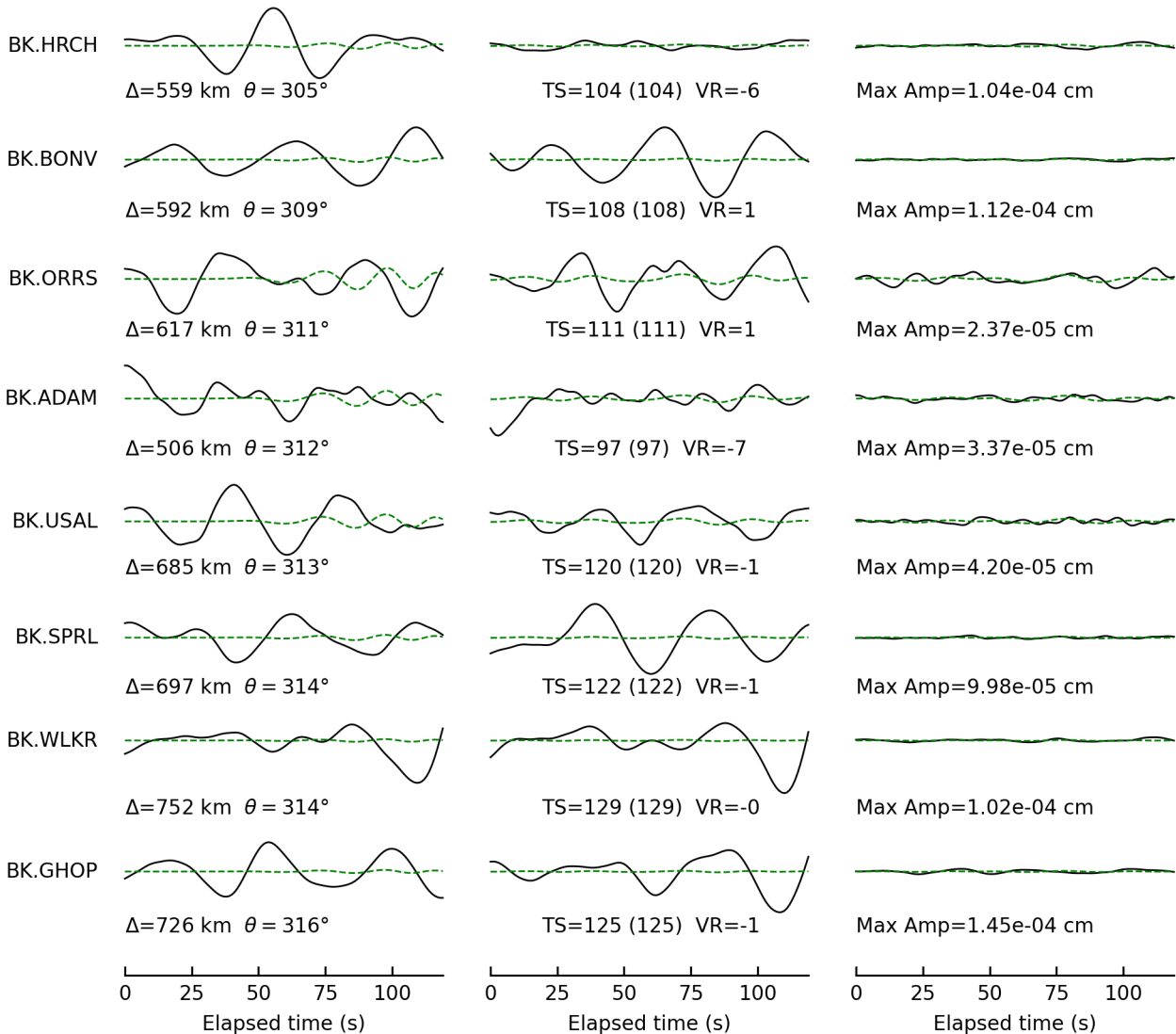
Deviatoric Moment Tensor Inversion  
 Evid = 75106741  
 Depth = 5.0 km  
 Mw = 3.93  
 M0 = 9.68e+21 dyne-cm  
 Percent DC/CLVD/ISO = 92/8/0  
 sdr = (143,68,-84) (307,23,-104)  
 npts = 120 vred = 7.692 km/s  
 VR = 0.34% lune:2,0



Tangential

Radial

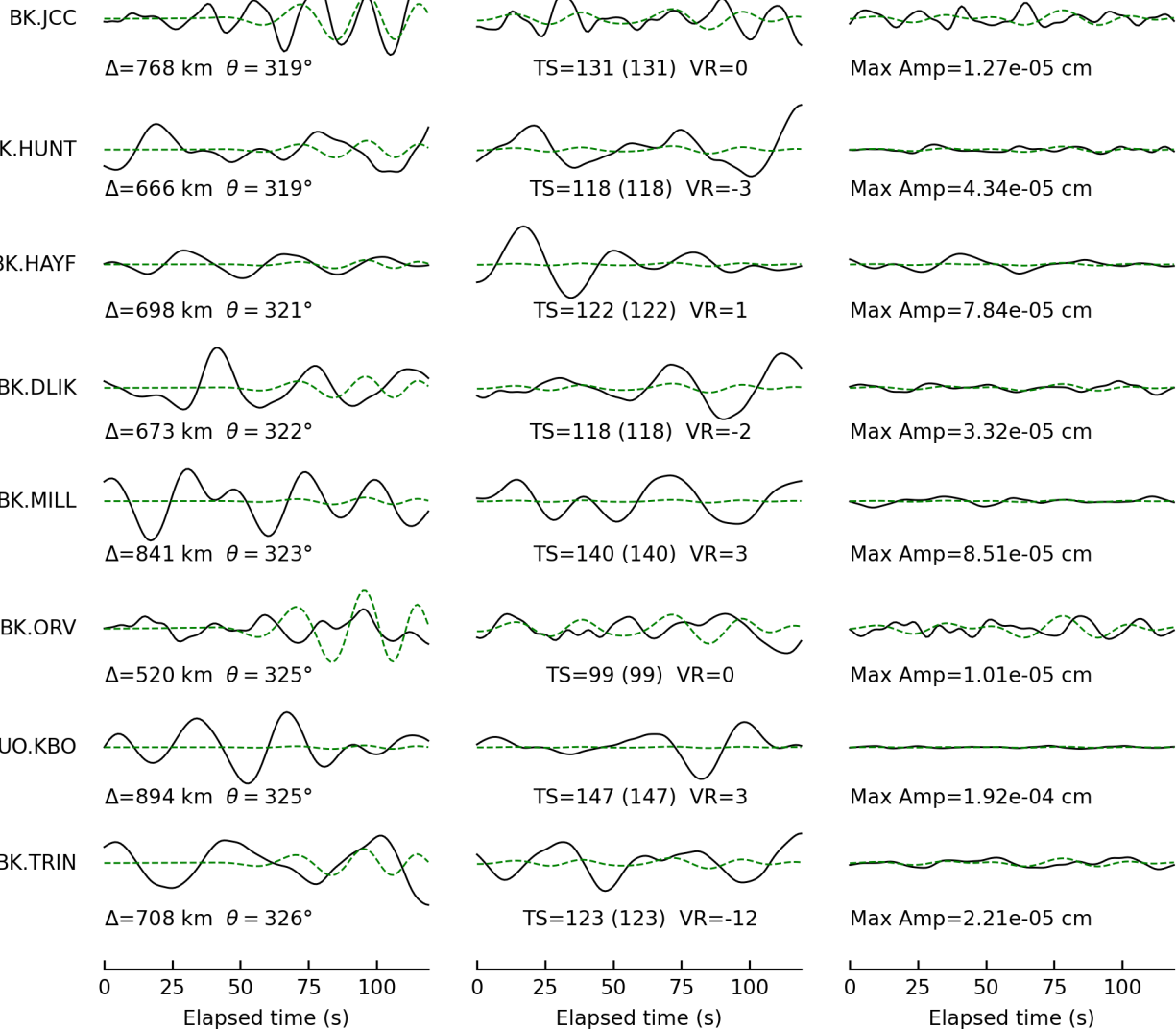
Vertical



Tangential

Radial

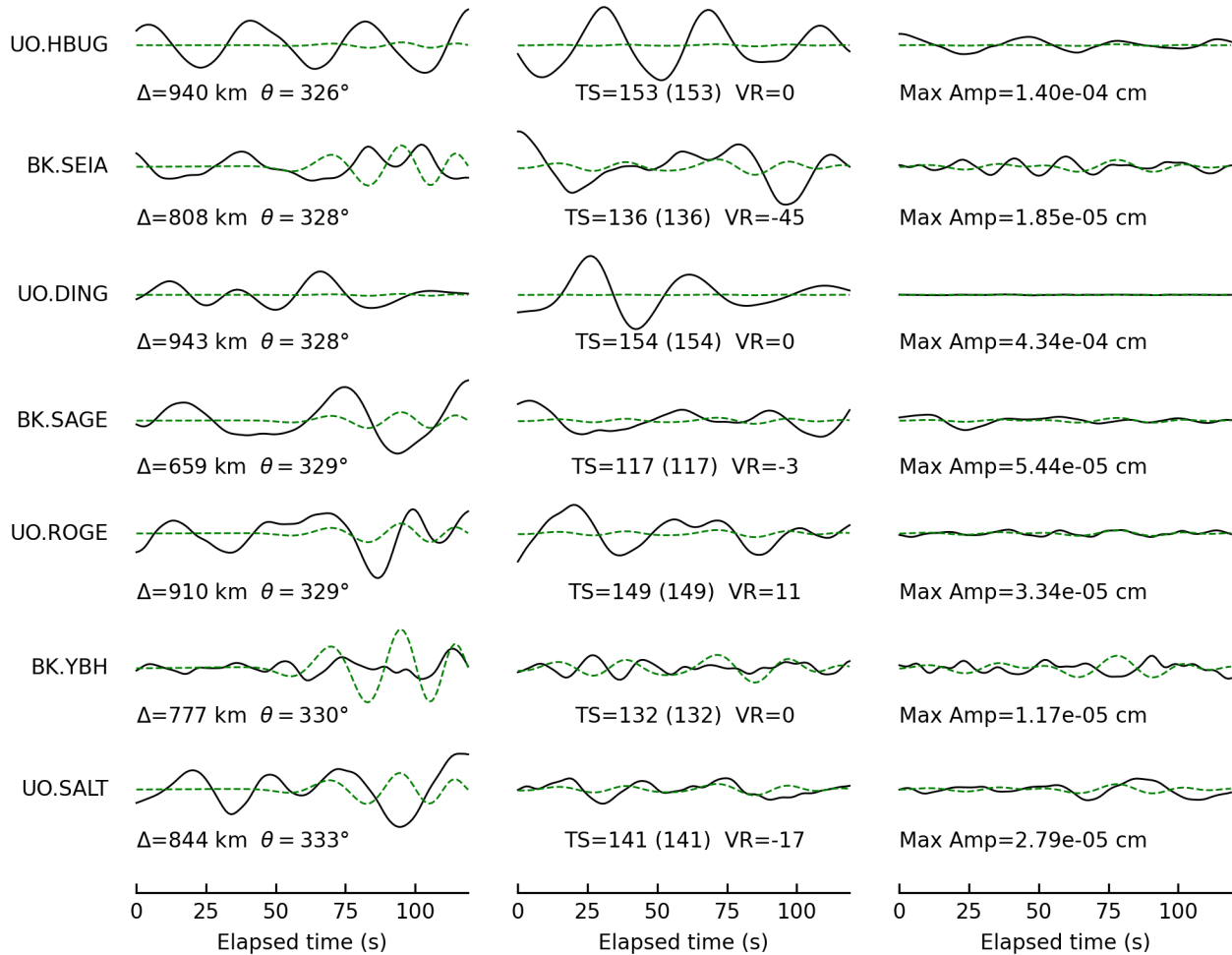
Vertical



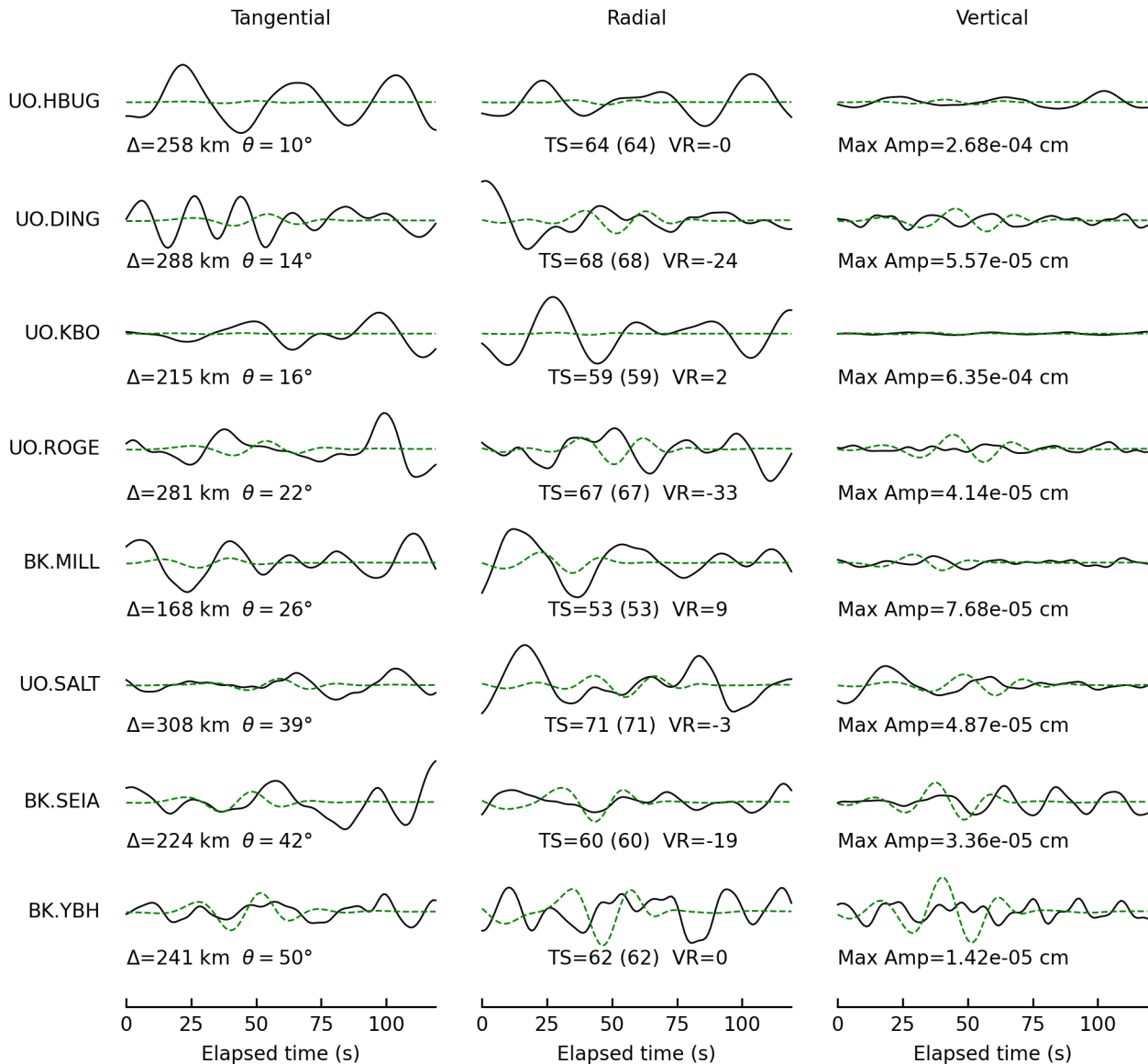
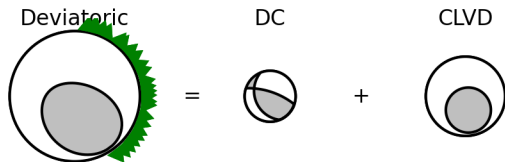
Tangential

Radial

Vertical



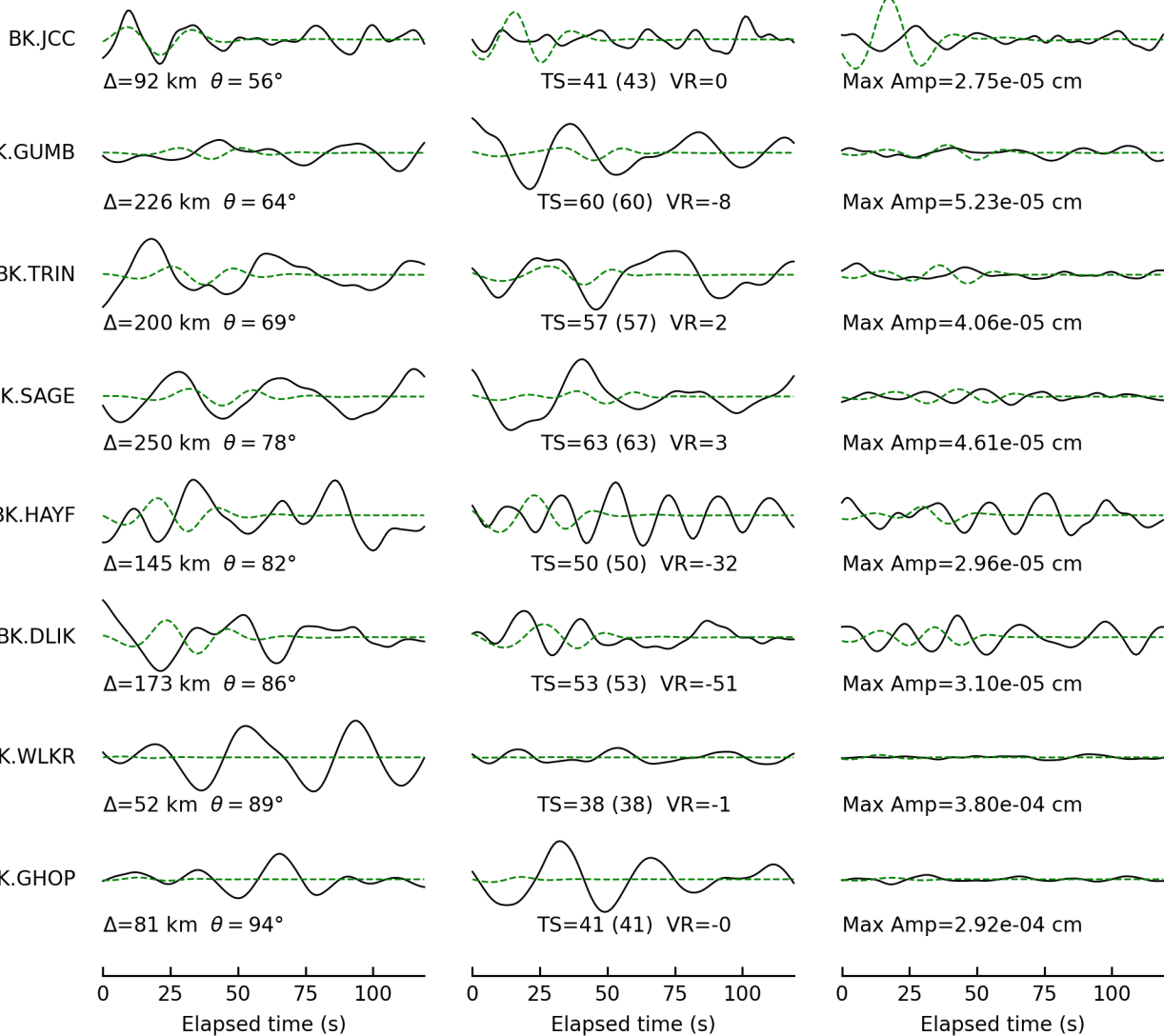
Deviatoric Moment Tensor Inversion  
 Evid = 75107241  
 Depth = 37.0 km  
 Mw = 3.96  
 M0 = 1.09e+22 dyne-cm  
 Percent DC/CLVD/ISO = 39/61/0  
 sdr = (158,29,135) (288,70,69)  
 npts = 120 vred = 7.692 km/s  
 VR = 0.72% lune:-17,0



Tangential

Radial

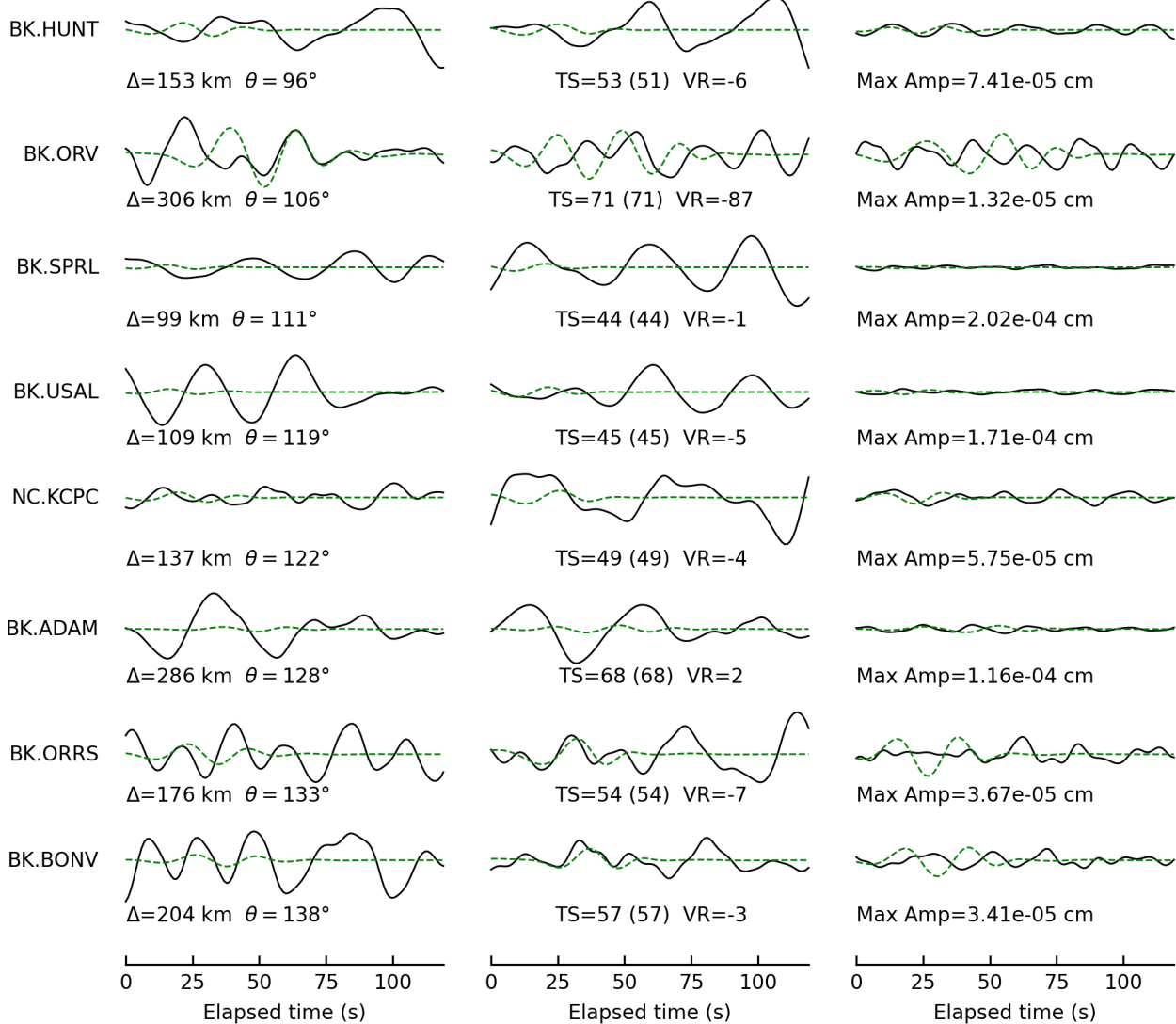
Vertical



Tangential

Radial

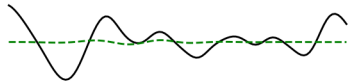
Vertical



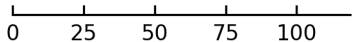


Tangential

BK.HRCH



$\Delta=245$  km  $\theta = 143^\circ$

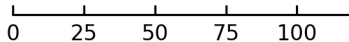


Elapsed time (s)

Radial



TS=63 (63) VR=-5

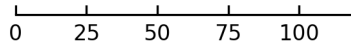


Elapsed time (s)

Vertical



Max Amp=8.65e-05 cm



Elapsed time (s)

# Deviatoric Moment Tensor Inversion

Evid = 75107241

Depth = 2.0 km

Mw = 3.56

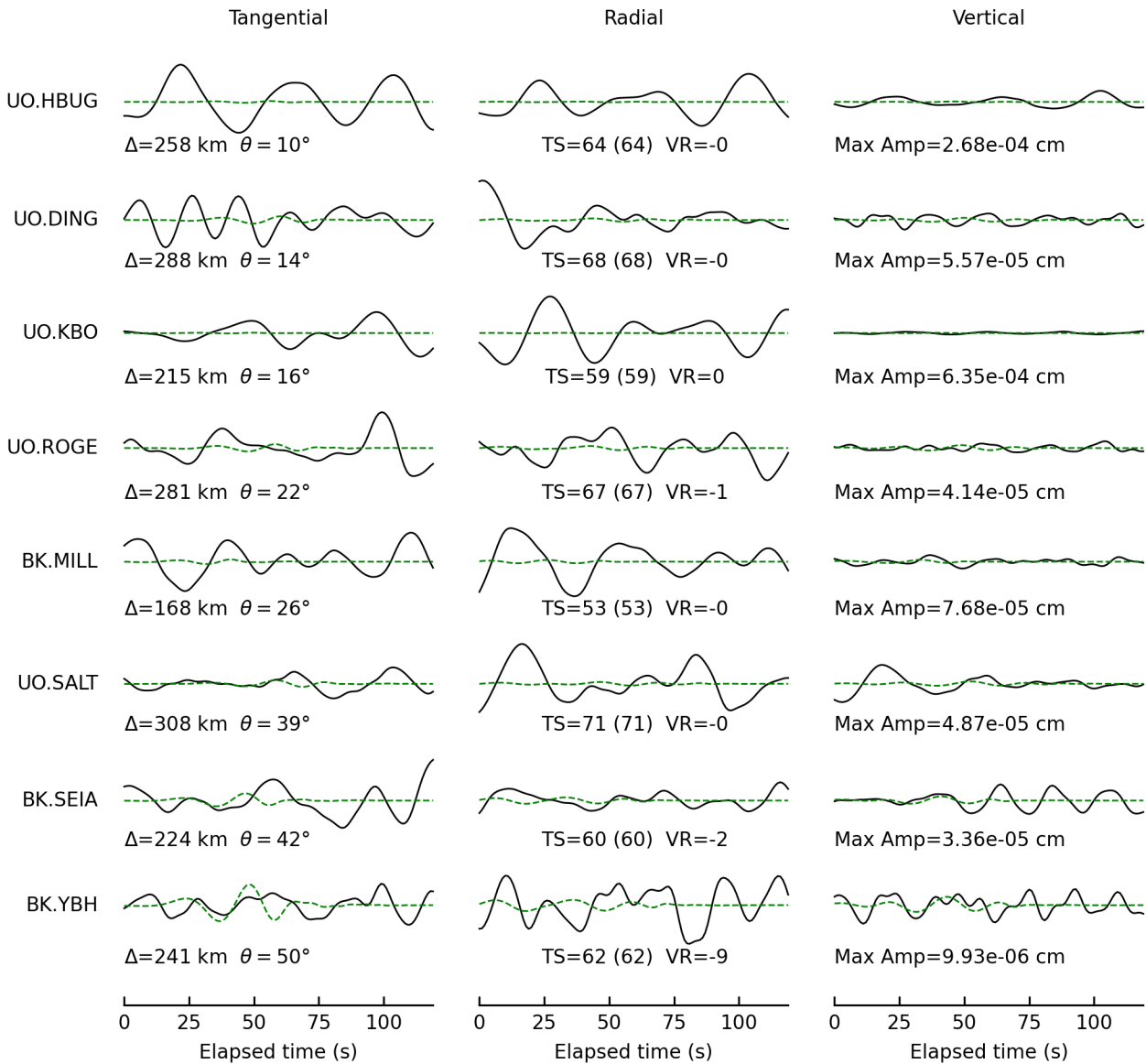
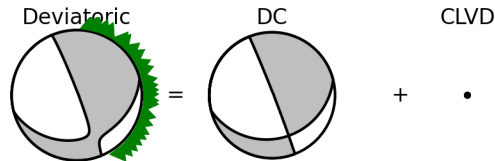
M0 = 2.71e+21 dyne-cm

Percent DC/CLVD/ISO = 97/3/0

sdr = (76,21,-173) (339,87,-70)

npts = 120 vred = 7.692 km/s

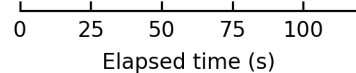
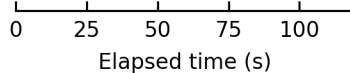
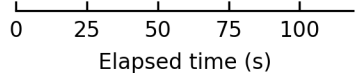
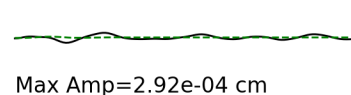
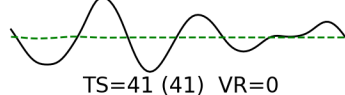
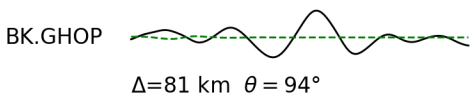
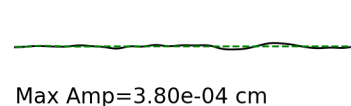
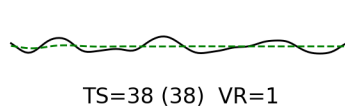
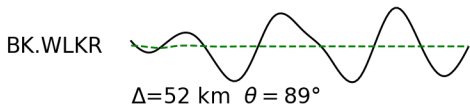
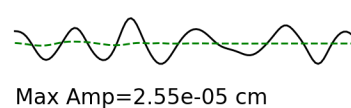
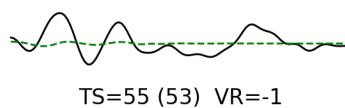
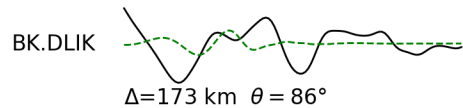
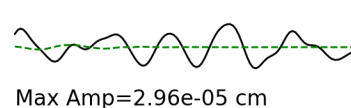
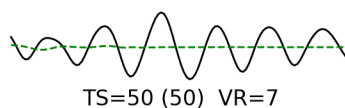
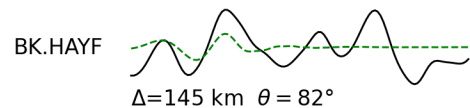
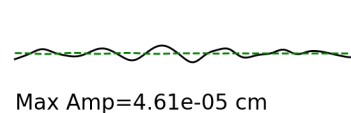
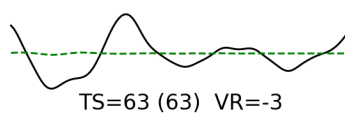
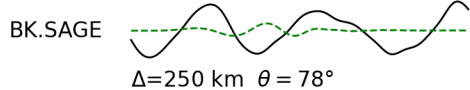
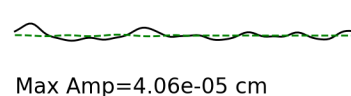
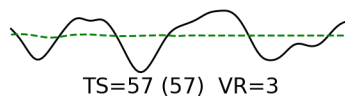
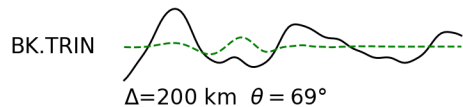
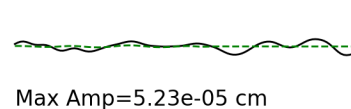
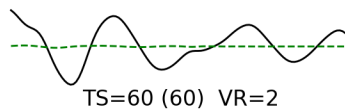
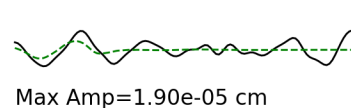
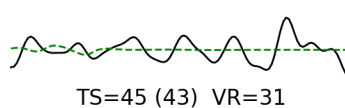
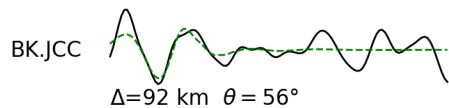
VR = 0.09% lune:1,0



Tangential

Radial

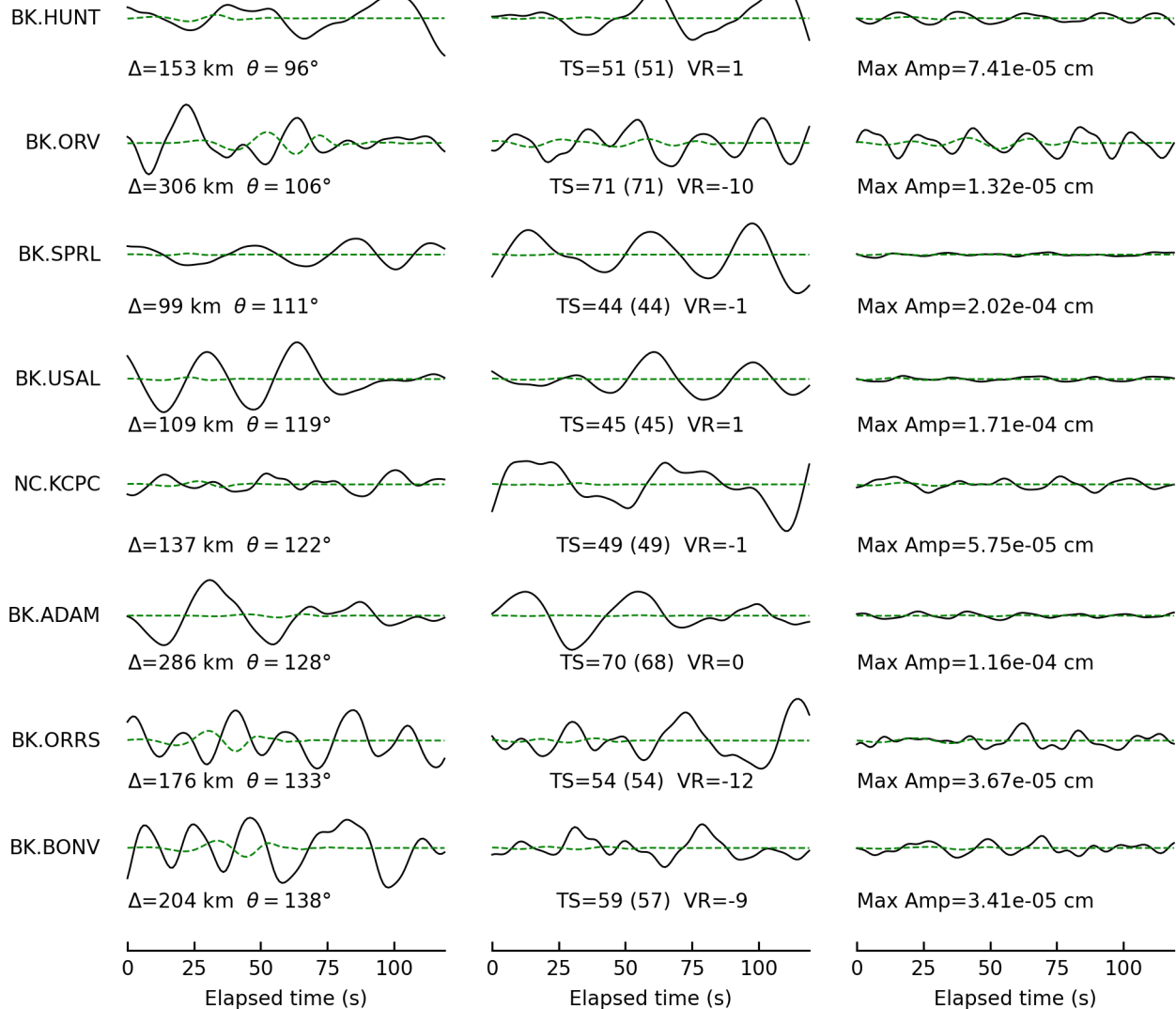
Vertical



Tangential

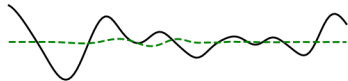
Radial

Vertical

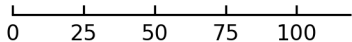


Tangential

BK.HRCH



$\Delta=245$  km  $\theta = 143^\circ$

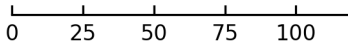


Elapsed time (s)

Radial



TS=63 (63) VR=2

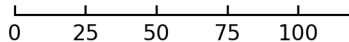


Elapsed time (s)

Vertical

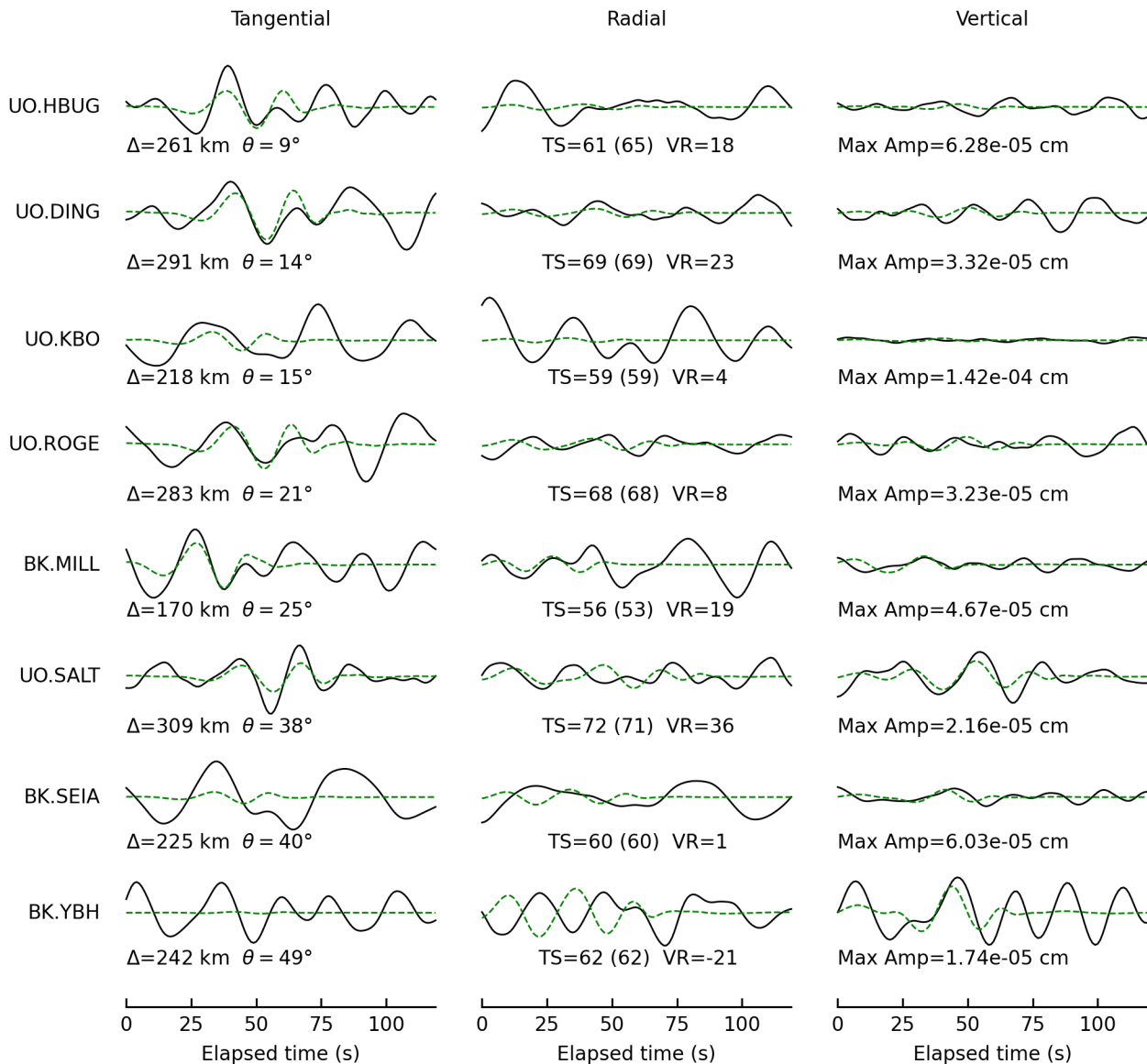
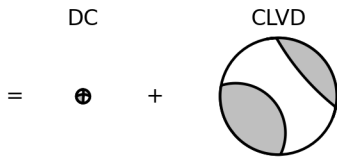
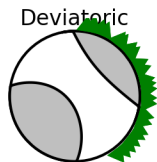


Max Amp=8.65e-05 cm



Elapsed time (s)

Deviatoric Moment Tensor Inversion  
 Evid = 75108656  
 Depth = 4.0 km  
 Mw = 3.71  
 M0 = 4.55e+21 dyne-cm  
 Percent DC/CLVD/ISO = 10/90/0  
 sdr = (270,61,177) (1,87,29)  
 npts = 120 vred = 7.692 km/s  
 VR = 9.90% lune:-27,0



Tangential

Radial

Vertical

BK.JCC

 $\Delta=92$  km  $\theta=53^\circ$ 

TS=43 (43) VR=31

Max Amp=2.44e-05 cm

BK.GUMB

 $\Delta=225$  km  $\theta=63^\circ$ 

TS=64 (60) VR=25

Max Amp=3.17e-05 cm

BK.TRIN

 $\Delta=199$  km  $\theta=68^\circ$ 

TS=59 (57) VR=21

Max Amp=3.82e-05 cm

BK.SAGE

 $\Delta=248$  km  $\theta=77^\circ$ 

TS=63 (63) VR=-1

Max Amp=8.15e-05 cm

BK.HAYF

 $\Delta=143$  km  $\theta=80^\circ$ 

TS=51 (50) VR=47

Max Amp=3.91e-05 cm

BK.WLKR

 $\Delta=49$  km  $\theta=84^\circ$ 

TS=37 (37) VR=8

Max Amp=2.85e-04 cm

BK.DLIK

 $\Delta=171$  km  $\theta=84^\circ$ 

TS=56 (53) VR=24

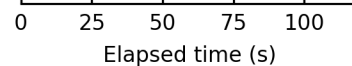
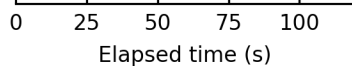
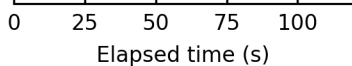
Max Amp=3.95e-05 cm

BK.GHOP

 $\Delta=78$  km  $\theta=91^\circ$ 

TS=41 (41) VR=55

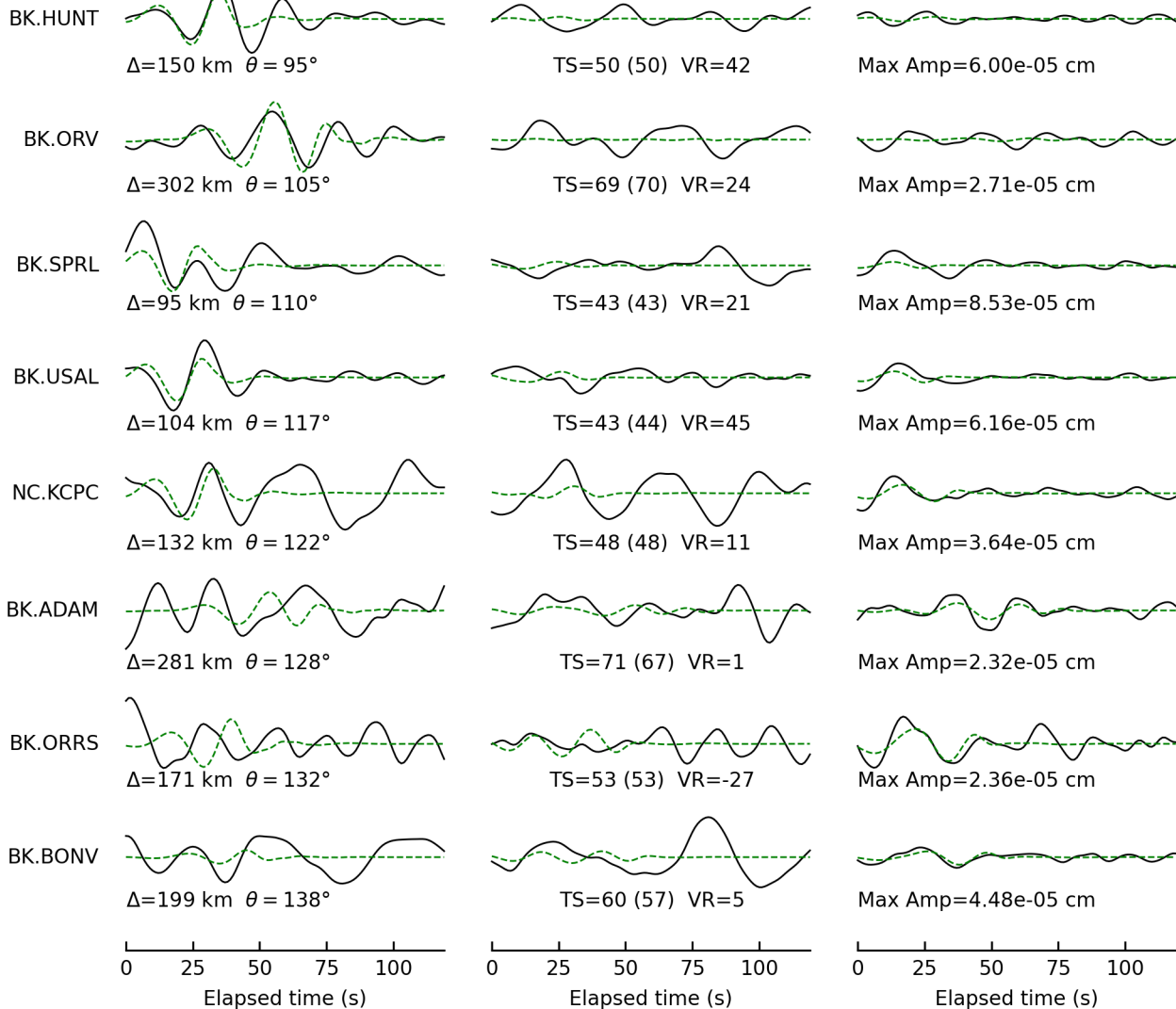
Max Amp=6.73e-05 cm



Tangential

Radial

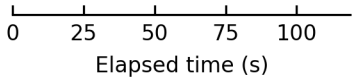
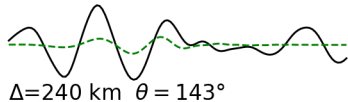
Vertical



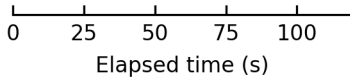
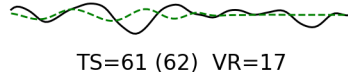


BK.HRCH

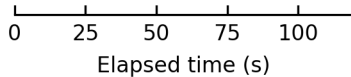
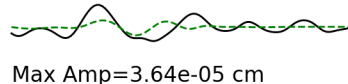
Tangential



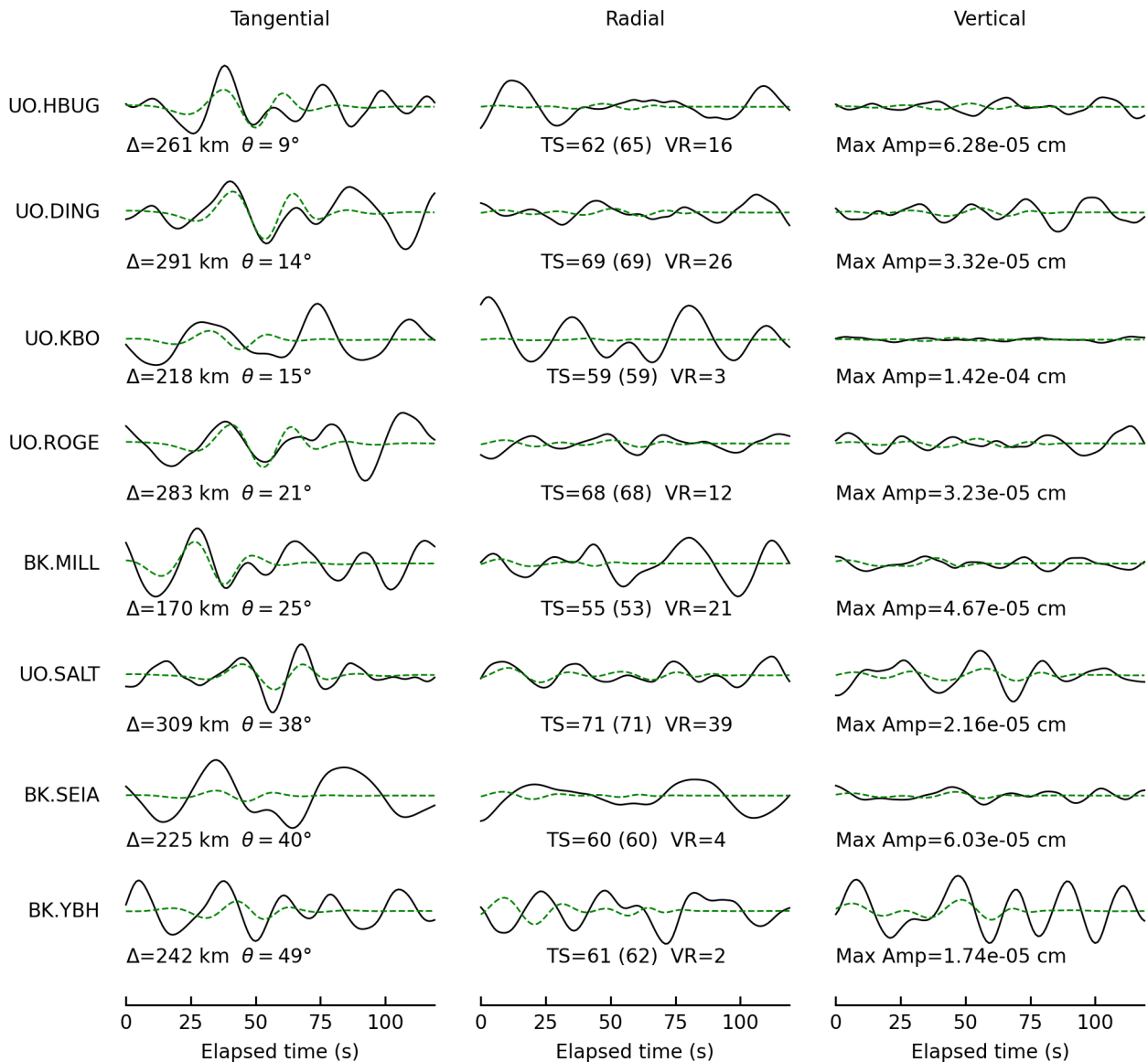
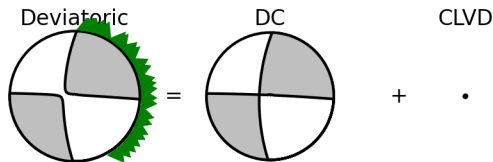
Radial



Vertical



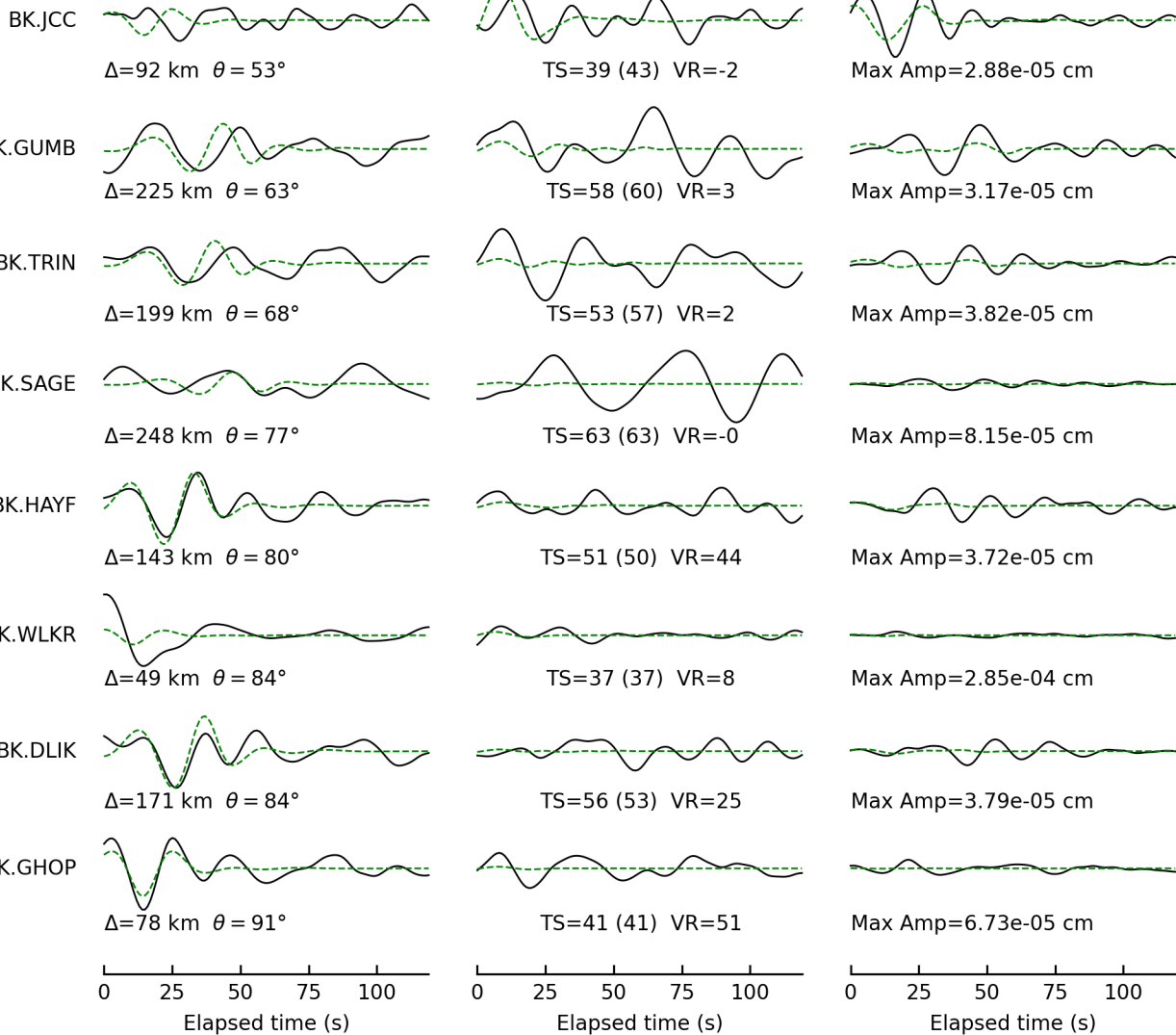
Deviatoric Moment Tensor Inversion  
 Evid = 75108656  
 Depth = 20.0 km  
 Mw = 3.84  
 M0 = 7.13e+21 dyne-cm  
 Percent DC/CLVD/ISO = 98/2/0  
 sdr = (272,88,-161) (182,71,-2)  
 npts = 120 vred = 7.692 km/s  
 VR = 8.72% lune:-1,0



Tangential

Radial

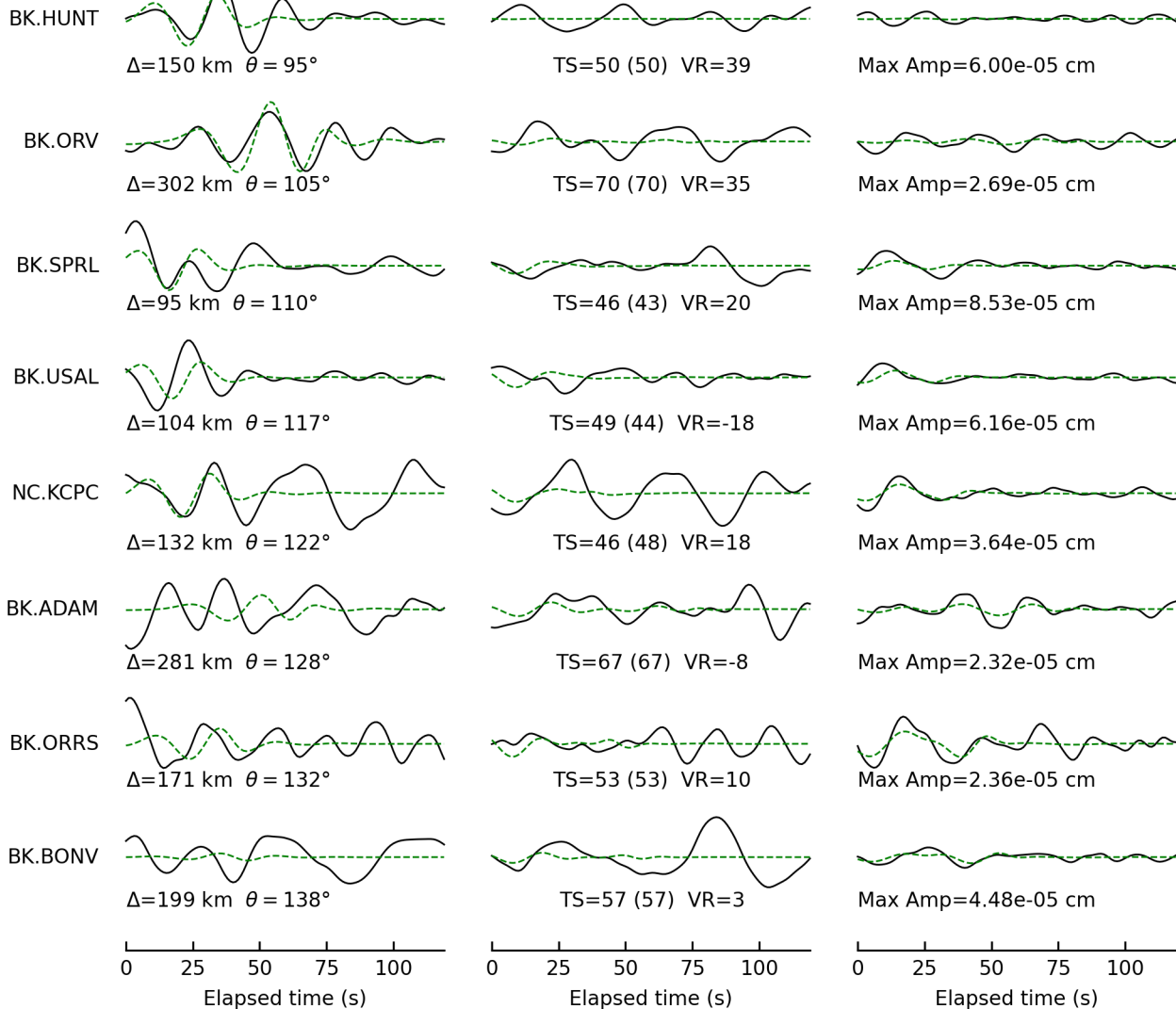
Vertical

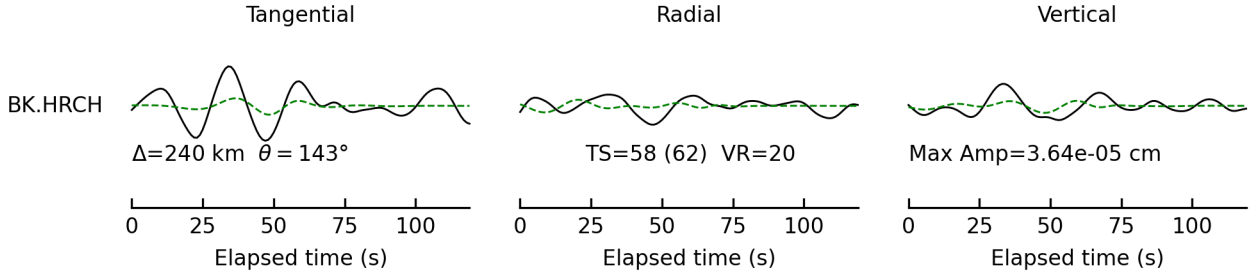


Tangential

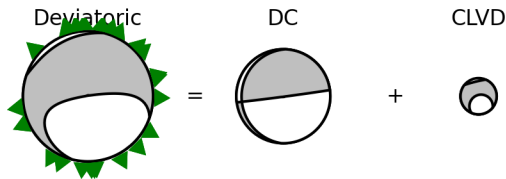
Radial

Vertical





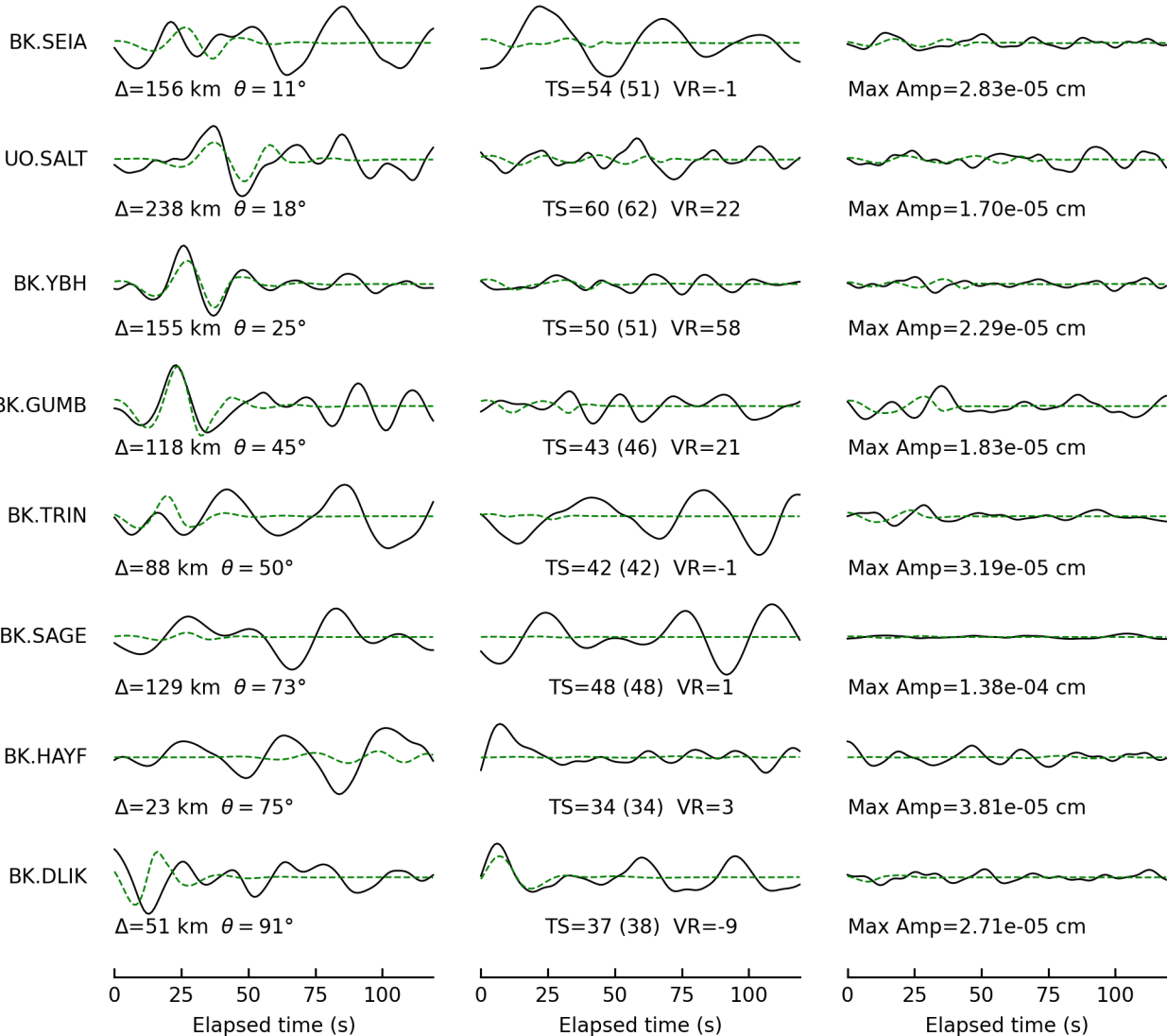
Deviatoric Moment Tensor Inversion  
 Evid = 75109096  
 Depth = 5.0 km  
 Mw = 3.78  
 M0 = 5.83e+21 dyne-cm  
 Percent DC/CLVD/ISO = 72/28/0  
 sdr = (82,89,97) (183,7,10)  
 npts = 120 vred = 7.692 km/s  
 VR = 1.13% lune:7,0



Tangential

Radial

Vertical



Tangential

Radial

Vertical

BK. ORV

 $\Delta=198$  km  $\theta=120^\circ$ 

TS=59 (57) VR=19

Max Amp=1.36e-05 cm

BK. HUNT

 $\Delta=43$  km  $\theta=136^\circ$ 

TS=37 (37) VR=0

Max Amp=6.59e-05 cm

BK. ADAM

 $\Delta=215$  km  $\theta=152^\circ$ 

TS=60 (59) VR=9

Max Amp=2.66e-05 cm

BK. HRCH

 $\Delta=211$  km  $\theta=174^\circ$ 

TS=58 (58) VR=-0

Max Amp=5.79e-05 cm

BK. BONV

 $\Delta=165$  km  $\theta=175^\circ$ 

TS=52 (52) VR=1

Max Amp=8.76e-05 cm

BK. ORRS

 $\Delta=133$  km  $\theta=178^\circ$ 

TS=48 (48) VR=5

Max Amp=2.72e-05 cm

NC. KCPC

 $\Delta=87$  km  $\theta=185^\circ$ 

TS=42 (42) VR=6

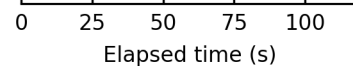
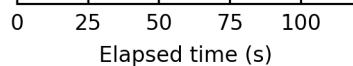
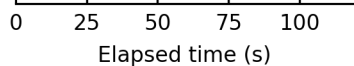
Max Amp=4.37e-05 cm

BK. USAL

 $\Delta=70$  km  $\theta=203^\circ$ 

TS=40 (40) VR=0

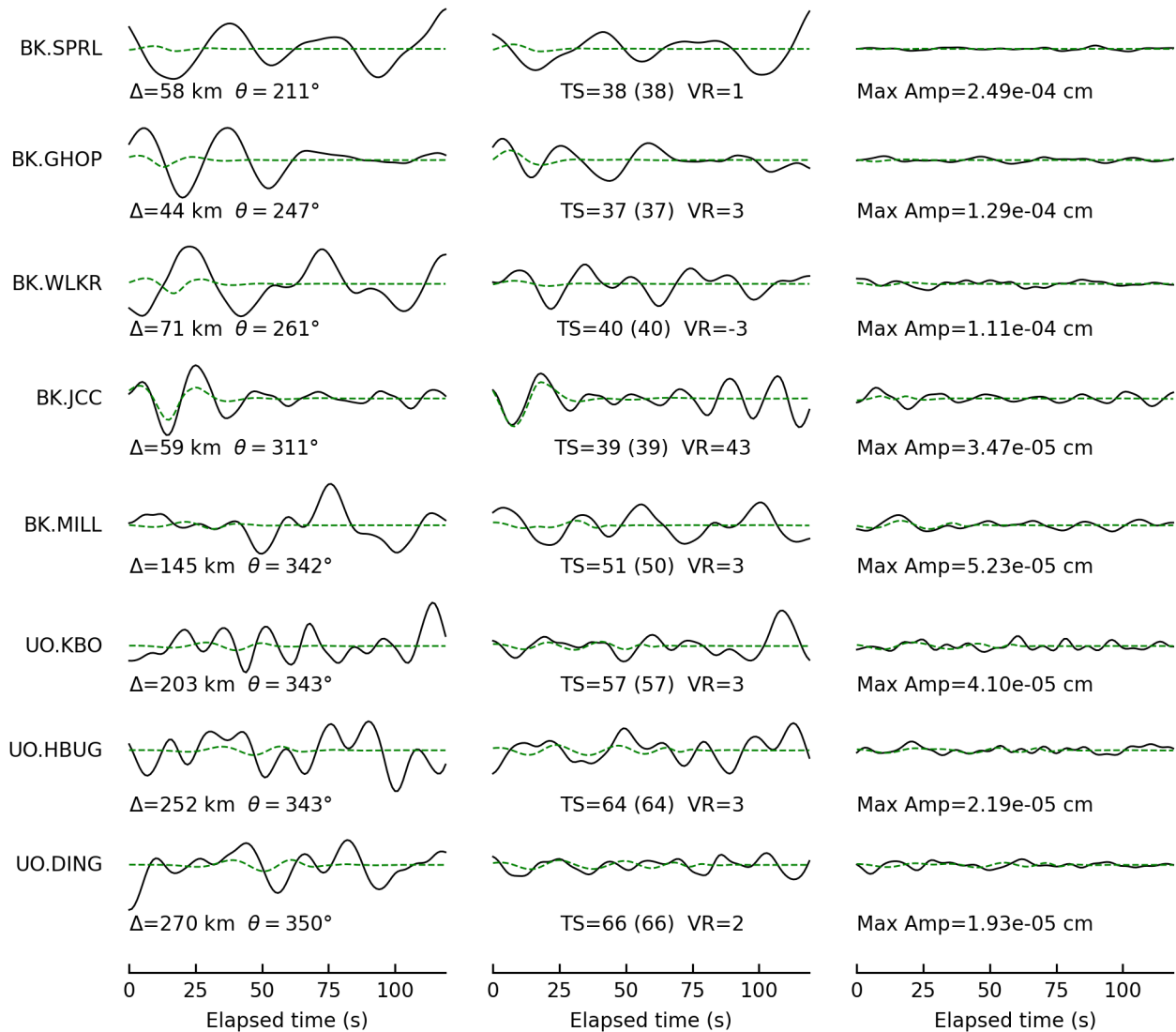
Max Amp=2.47e-04 cm



Tangential

Radial

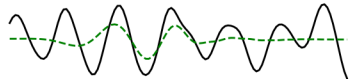
Vertical



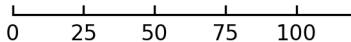


UO.ROGE

Tangential



$\Delta=248$  km  $\theta = 357^\circ$

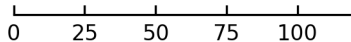


Elapsed time (s)

Radial



TS=63 (63) VR=13

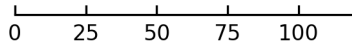


Elapsed time (s)

Vertical



Max Amp=1.24e-05 cm



Elapsed time (s)

# Deviatoric Moment Tensor Inversion

Evid = 75109096

Depth = 18.0 km

Mw = 3.59

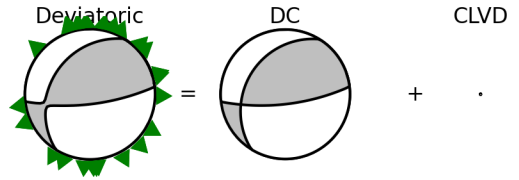
M0 = 3.00e+21 dyne-cm

Percent DC/CLVD/ISO = 99/1/0

sdr = (212,27,42) (83,73,111)

npts = 120 vred = 7.692 km/s

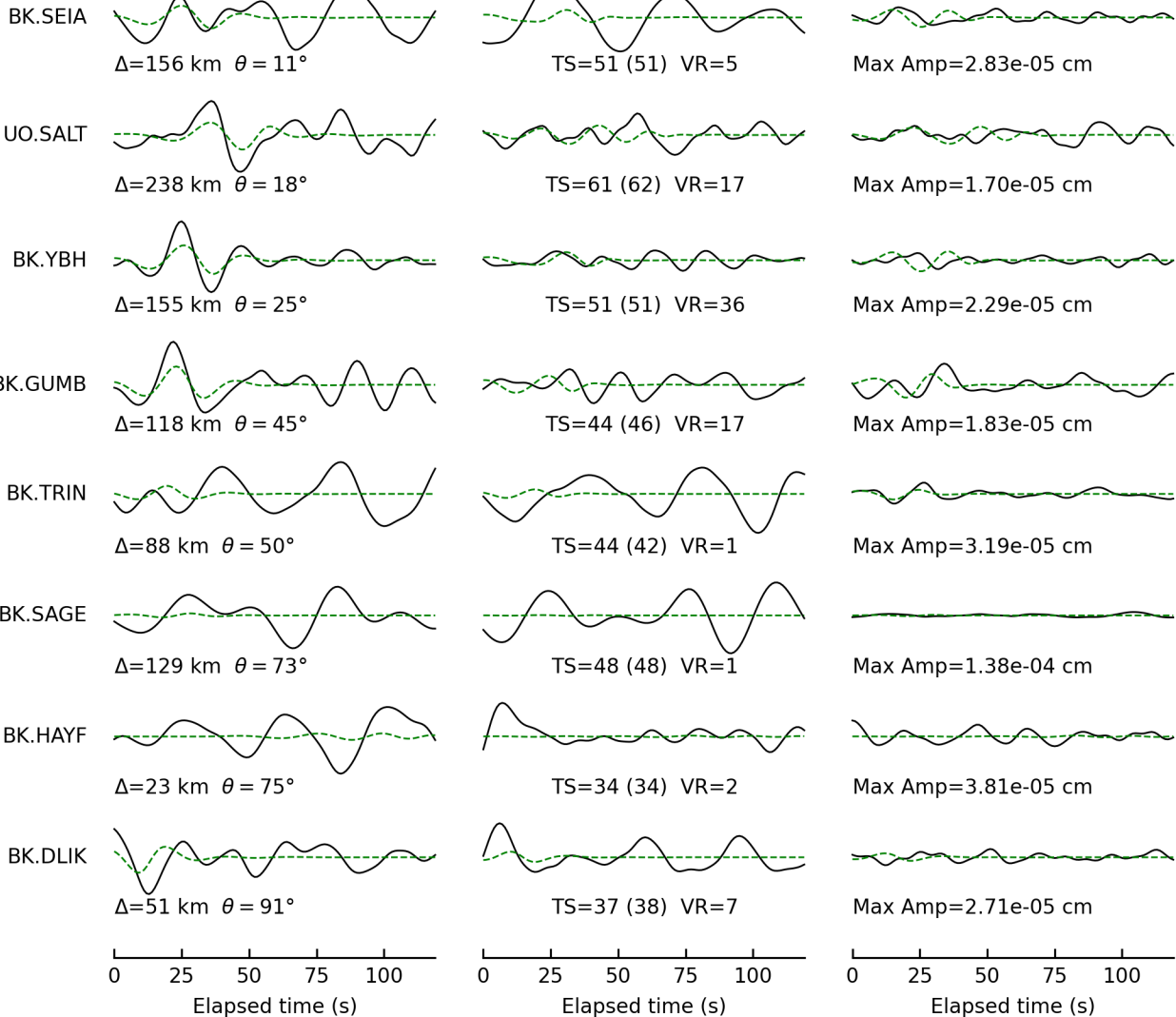
VR = 0.94% lune:0,0



Tangential

Radial

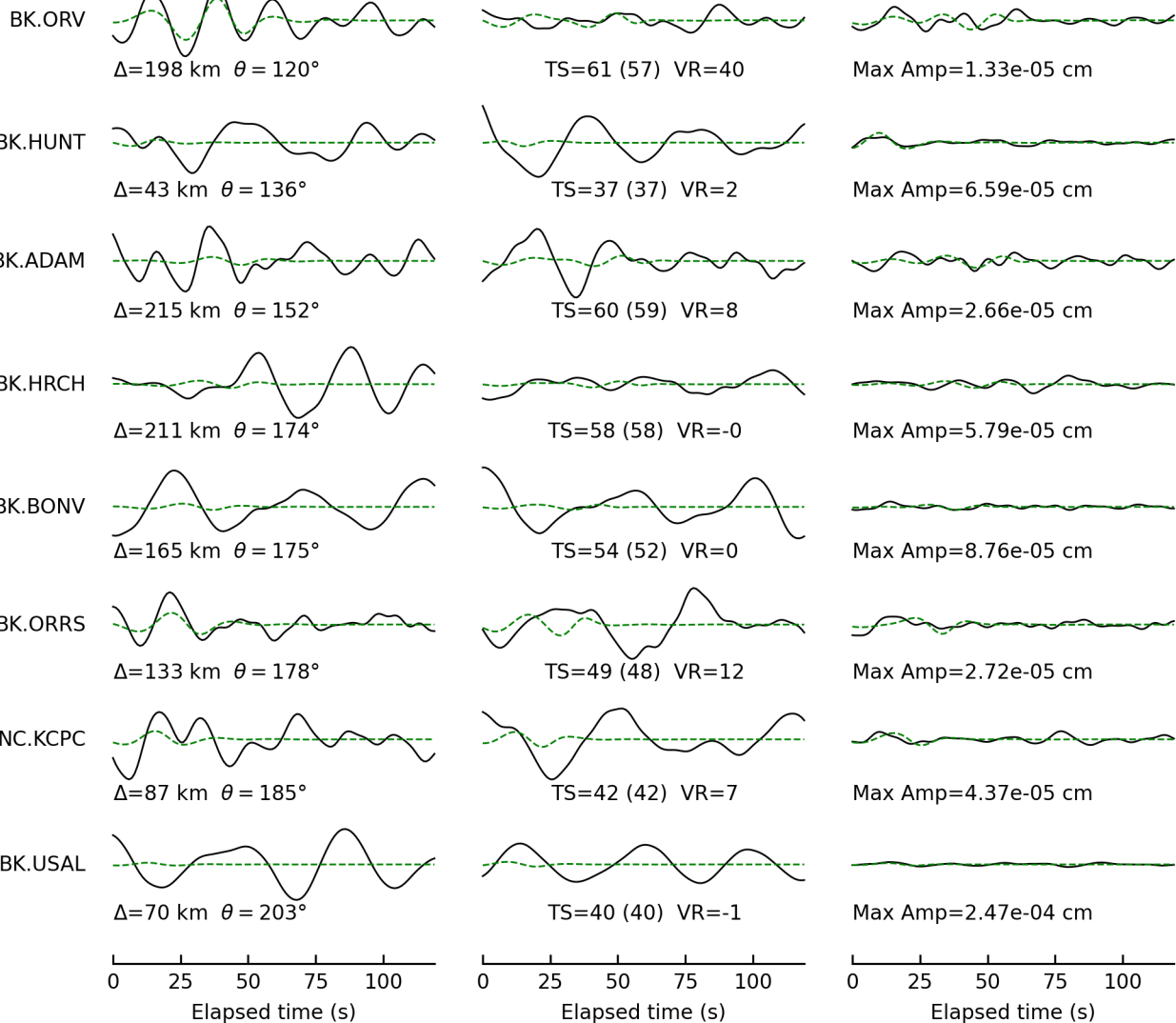
Vertical



Tangential

Radial

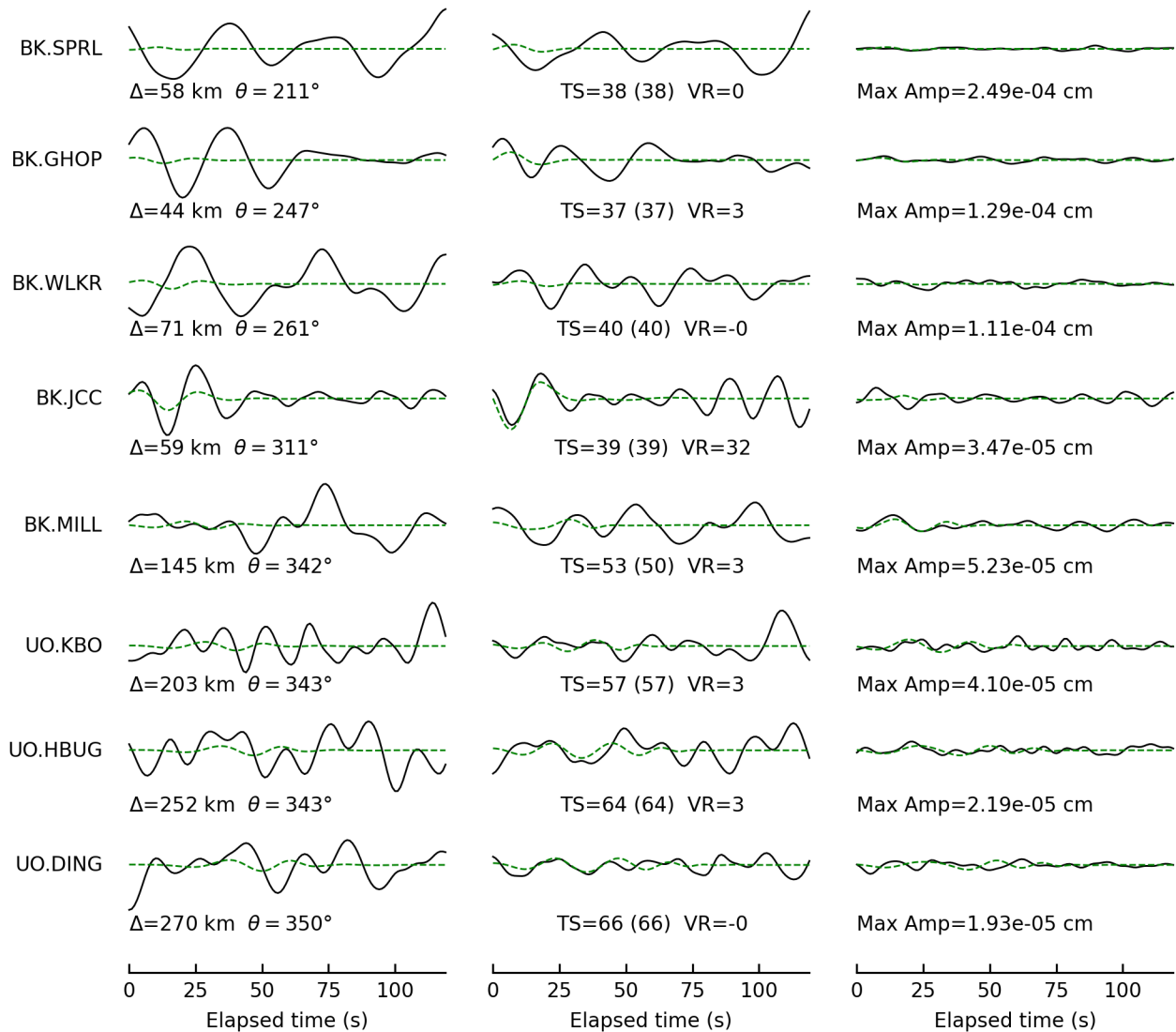
Vertical



Tangential

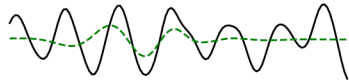
Radial

Vertical

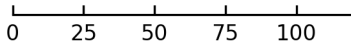


UO.ROGE

Tangential



$\Delta=248$  km  $\theta = 357^\circ$

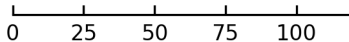


Elapsed time (s)

Radial



TS=63 (63) VR=7

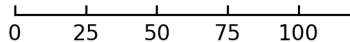


Elapsed time (s)

Vertical



Max Amp=1.24e-05 cm



Elapsed time (s)

# Deviatoric Moment Tensor Inversion

Evid = 75109266

Depth = 17.0 km

Mw = 4.06

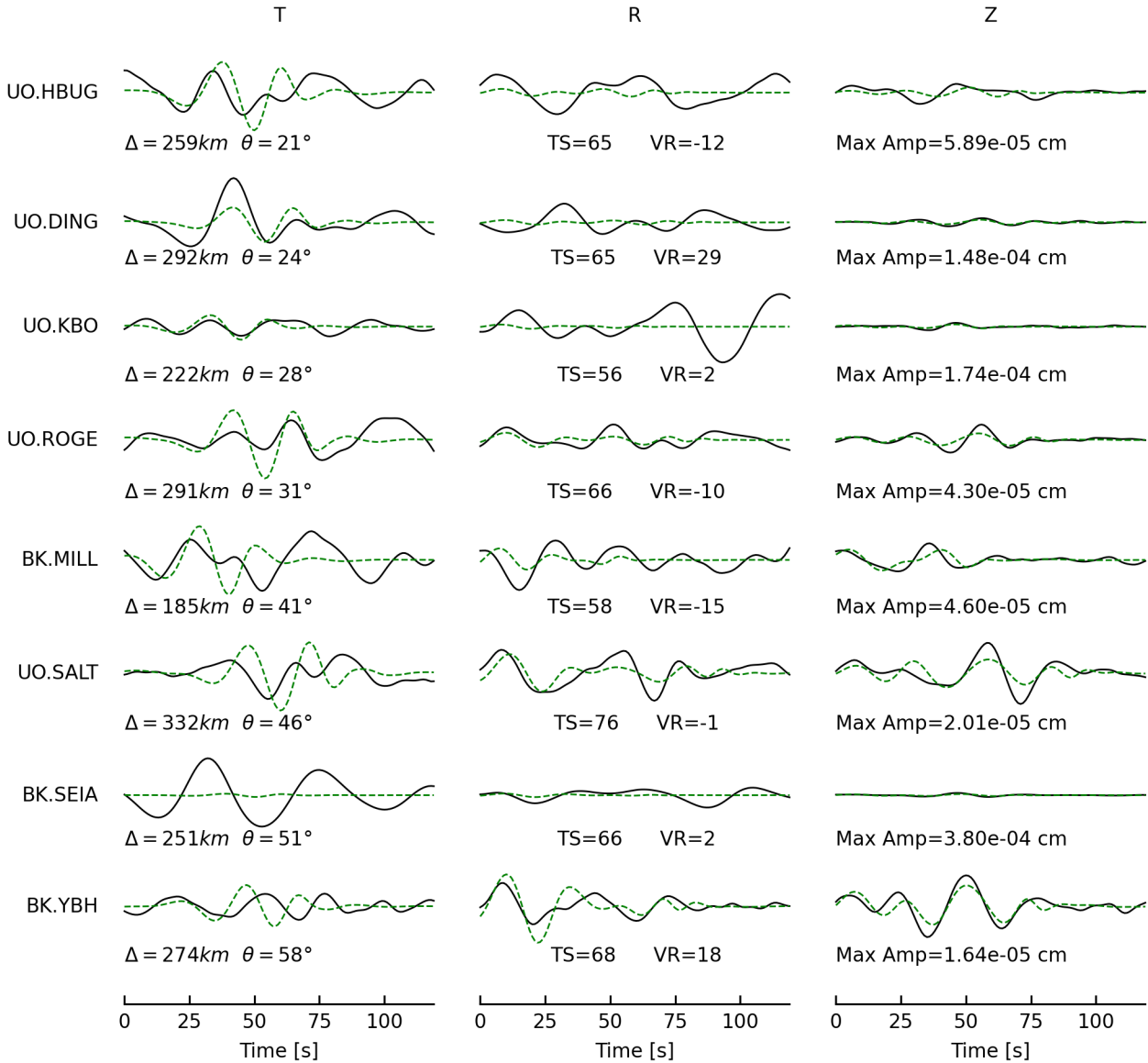
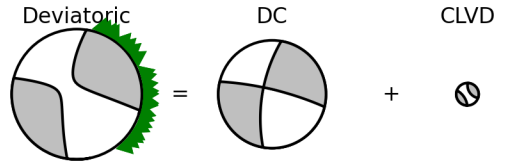
M0 = 1.51e+22 dyne-cm

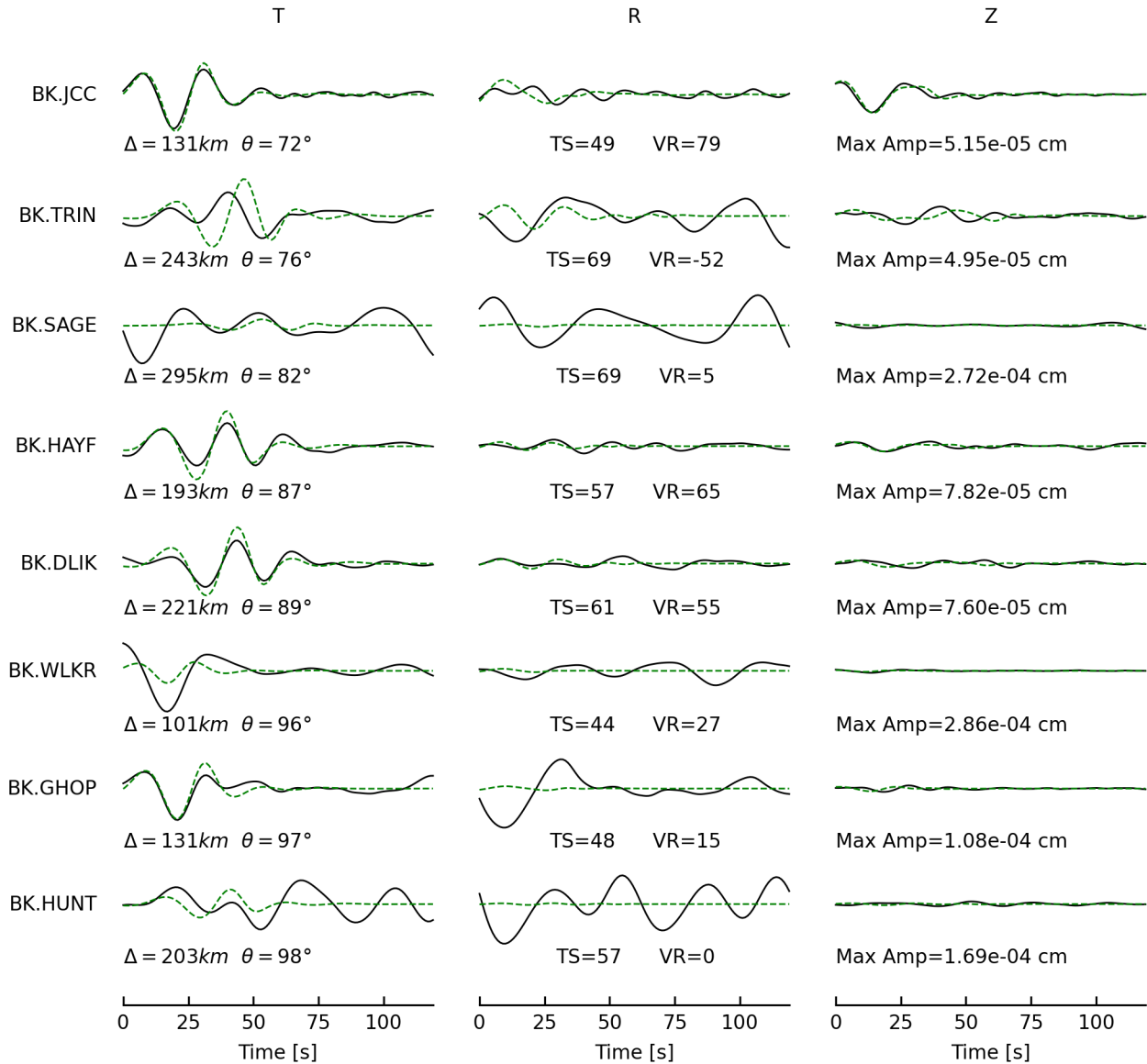
Percent DC/CLVD/ISO = 83/17/0

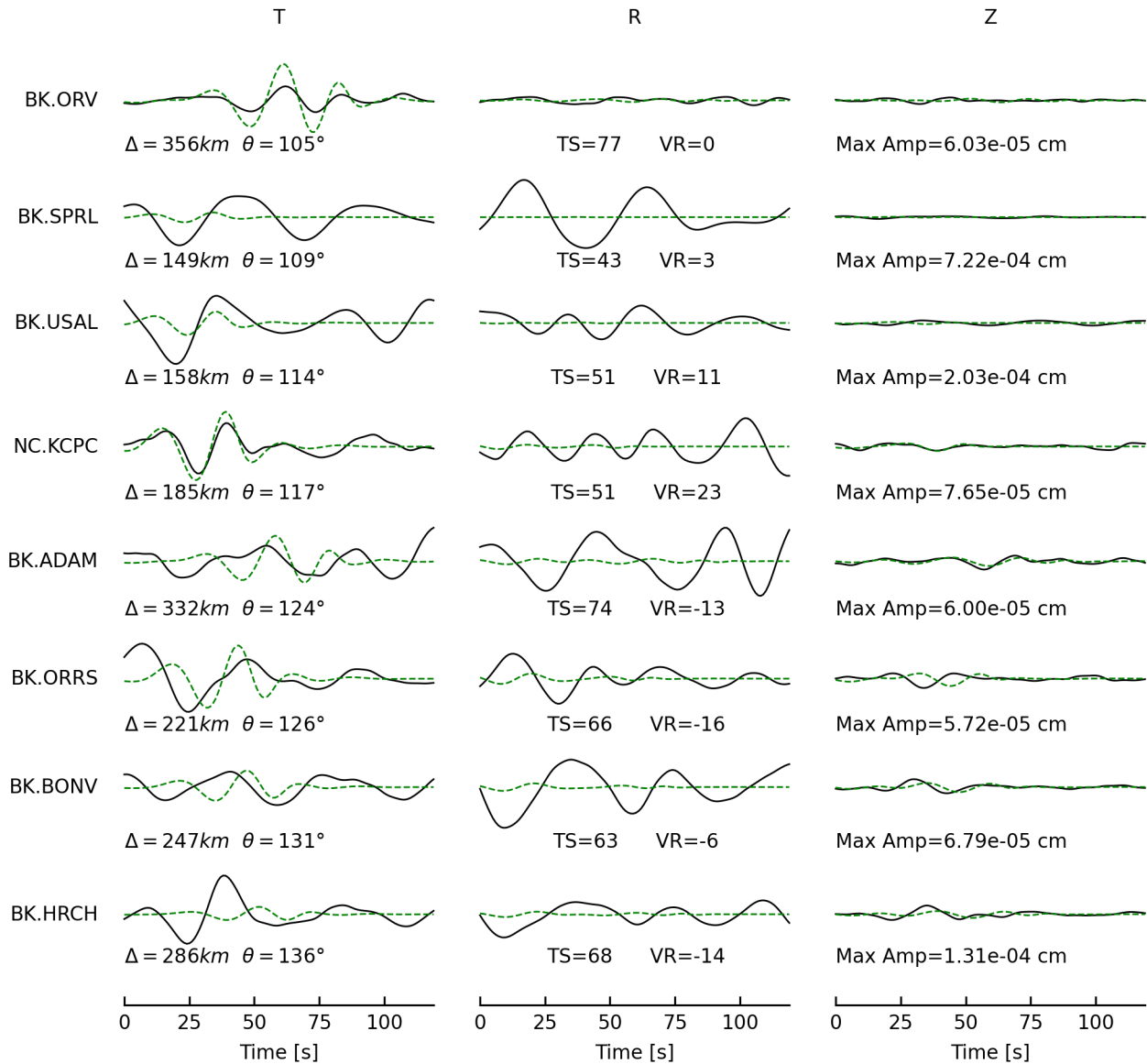
sdr = (284,80,-159) (190,70,-11)

npts = 120 vred = 7.692 km/s

VR = 4.01% lune:-4,0









# Deviatoric Moment Tensor Inversion

Evid = 75109266

Depth = 20.0 km

Mw = 4.08

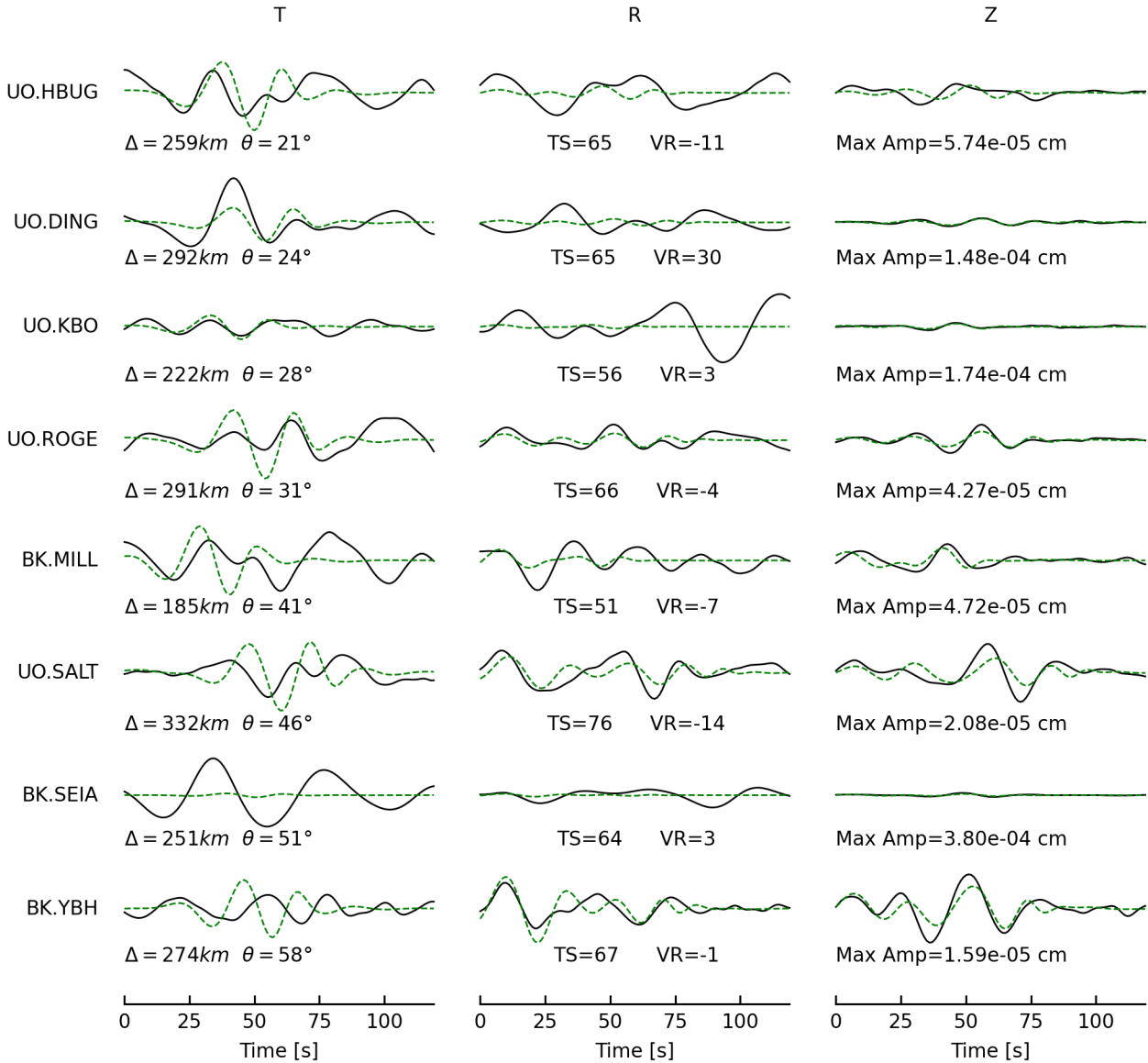
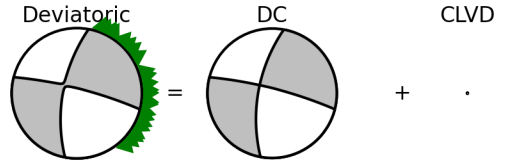
M0 = 1.63e+22 dyne-cm

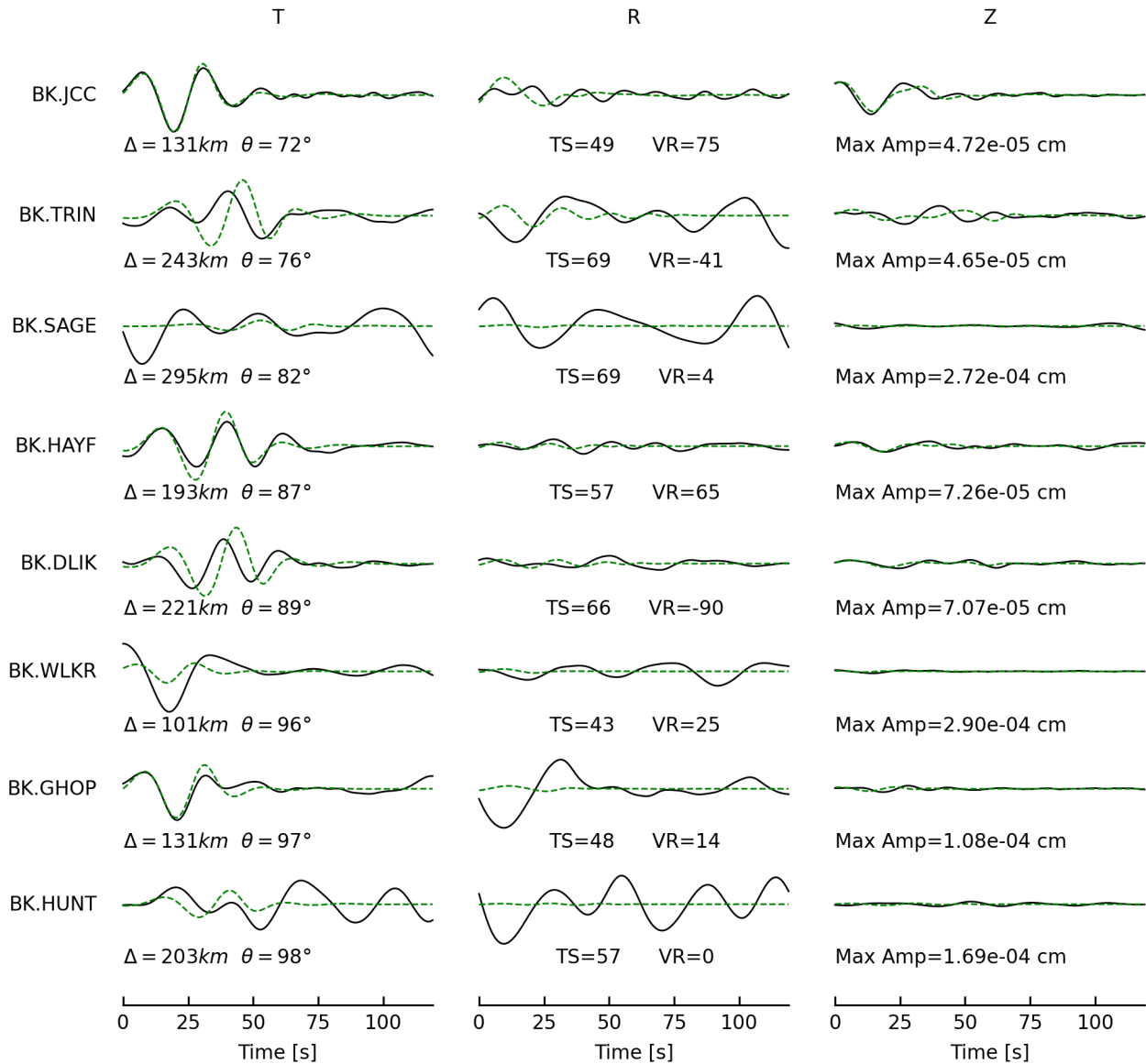
Percent DC/CLVD/ISO = 99/1/0

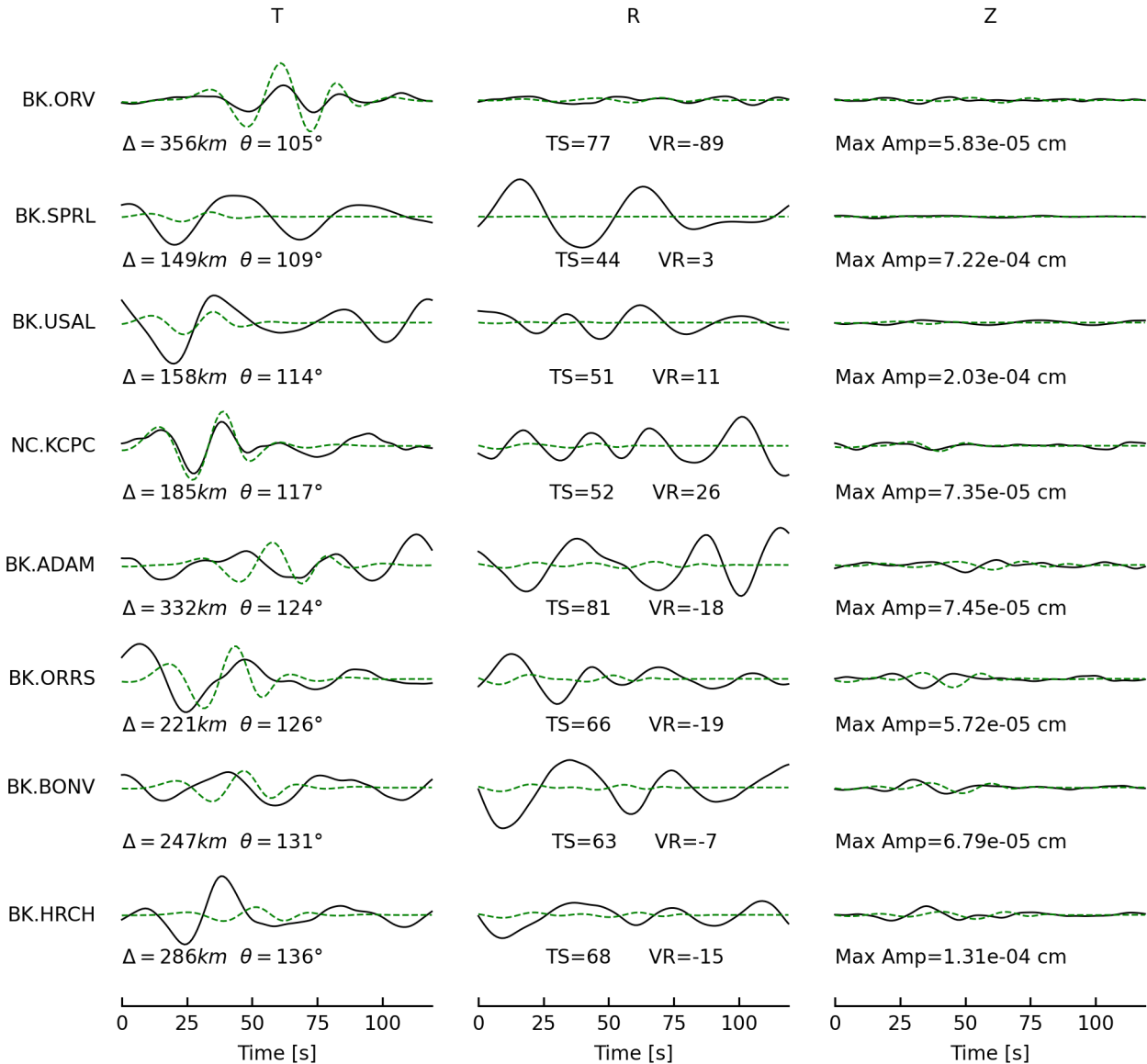
sdr = (284,81,-156) (190,66,-10)

npts = 120 vred = 7.692 km/s

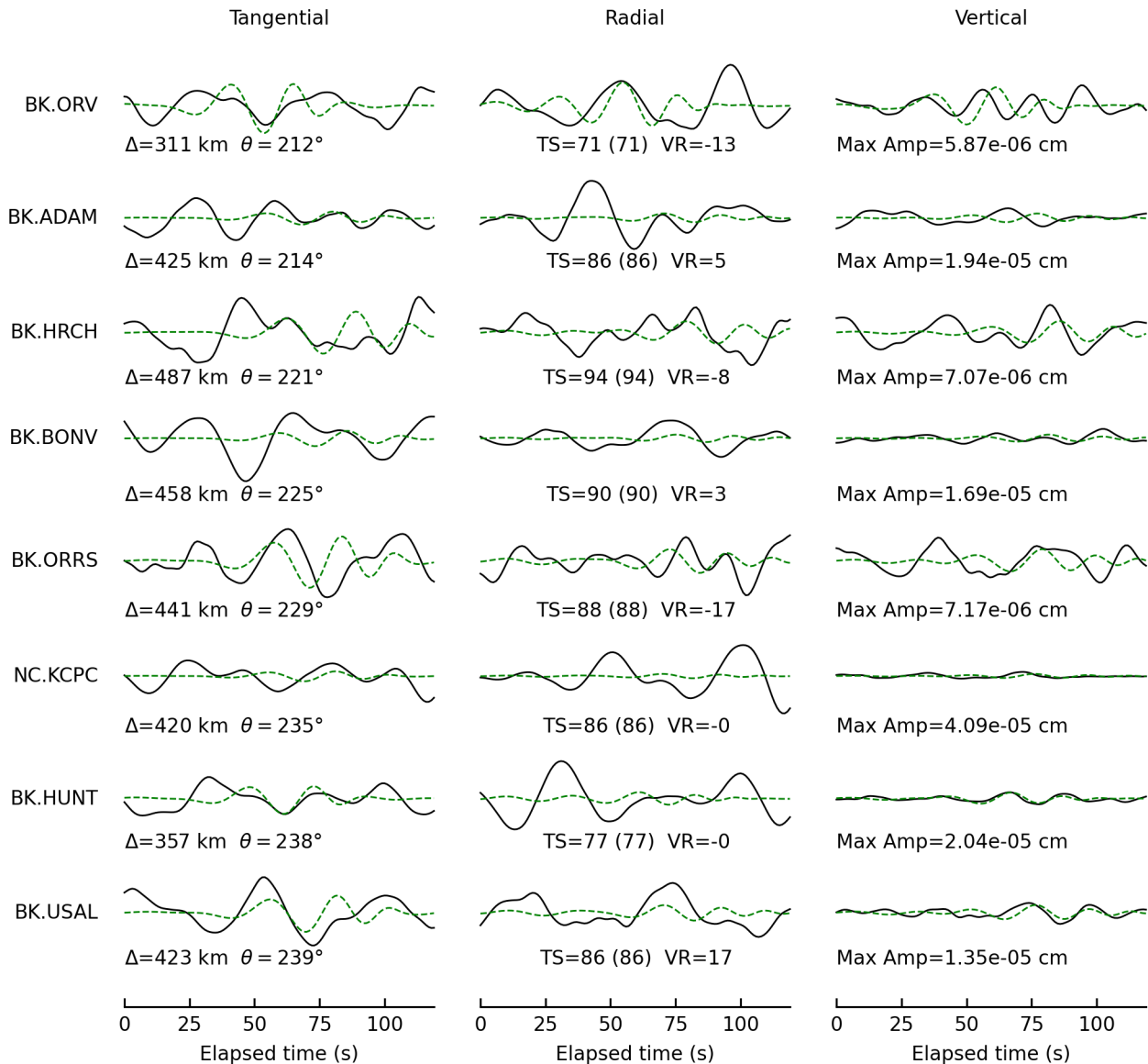
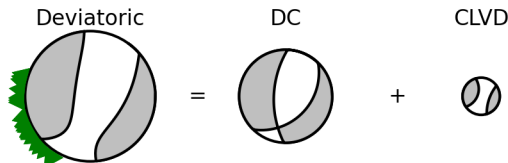
VR = 3.81% lune:0,0







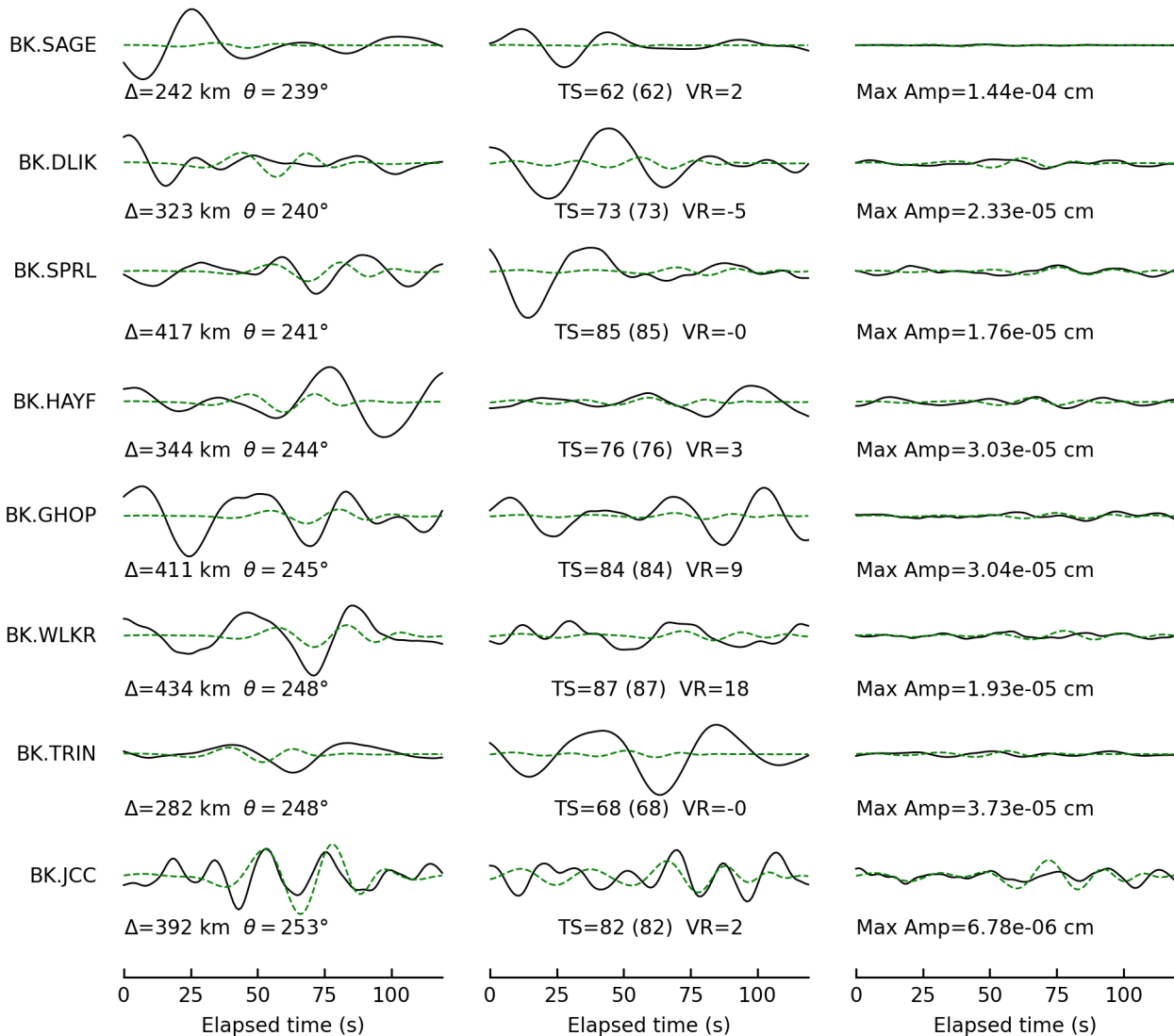
Deviatoric Moment Tensor Inversion  
 Evid = 75109611  
 Depth = 25.0 km  
 Mw = 3.69  
 M0 = 4.32e+21 dyne-cm  
 Percent DC/CLVD/ISO = 71/29/0  
 sdr = (182,61,-113) (44,36,-54)  
 npts = 120 vred = 7.692 km/s  
 VR = 2.44% lune:-8,0



Tangential

Radial

Vertical



Tangential

Radial

Vertical

BK.YBH

 $\Delta=260$  km  $\theta = 266^\circ$ 

TS=64 (65) VR=-31

Max Amp=7.23e-06 cm

BK.MILL

 $\Delta=371$  km  $\theta = 267^\circ$ 

TS=79 (79) VR=-0

Max Amp=1.38e-05 cm

BK.SEIA

 $\Delta=295$  km  $\theta = 269^\circ$ 

TS=69 (69) VR=2

Max Amp=1.05e-04 cm

UO.KBO

 $\Delta=385$  km  $\theta = 276^\circ$ 

TS=81 (81) VR=9

Max Amp=1.83e-05 cm

UO.HBUG

 $\Delta=402$  km  $\theta = 283^\circ$ 

TS=83 (83) VR=4

Max Amp=1.89e-05 cm

UO.SALT

 $\Delta=255$  km  $\theta = 285^\circ$ 

TS=64 (64) VR=-23

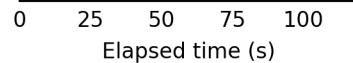
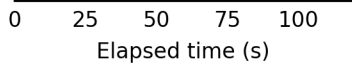
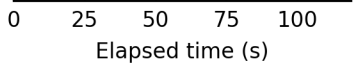
Max Amp=6.10e-06 cm

UO.DING

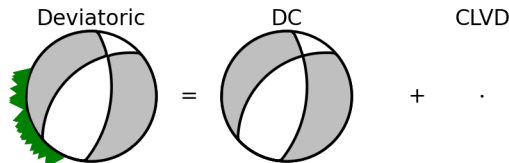
 $\Delta=381$  km  $\theta = 287^\circ$ 

TS=80 (80) VR=-1

Max Amp=1.39e-05 cm



Deviatoric Moment Tensor Inversion  
 Evid = 75109611  
 Depth = 2.0 km  
 Mw = 3.37  
 M0 = 1.41e+21 dyne-cm  
 Percent DC/CLVD/ISO = 100/0/0  
 sdr = (229,43,-55) (6,56,-118)  
 npts = 120 vred = 7.692 km/s  
 VR = 1.02% lune:0,0



Tangential

Radial

Vertical

BK.ORV

$\Delta=311$  km  $\theta = 212^\circ$

TS=71 (71) VR=3

Max Amp=5.87e-06 cm

BK.ADAM

$\Delta=425$  km  $\theta = 214^\circ$

TS=86 (86) VR=1

Max Amp=1.94e-05 cm

BK.HRCH

$\Delta=487$  km  $\theta = 221^\circ$

TS=94 (94) VR=1

Max Amp=7.07e-06 cm

BK.BONV

$\Delta=458$  km  $\theta = 225^\circ$

TS=90 (90) VR=2

Max Amp=1.69e-05 cm

BK.ORRS

$\Delta=441$  km  $\theta = 229^\circ$

TS=88 (88) VR=0

Max Amp=7.17e-06 cm

NC.KCPC

$\Delta=420$  km  $\theta = 235^\circ$

TS=86 (86) VR=-0

Max Amp=4.09e-05 cm

BK.HUNT

$\Delta=357$  km  $\theta = 238^\circ$

TS=77 (77) VR=-3

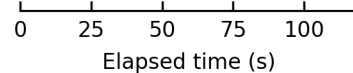
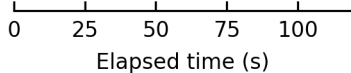
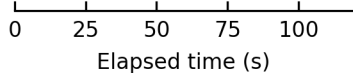
Max Amp=2.04e-05 cm

BK.USAL

$\Delta=423$  km  $\theta = 239^\circ$

TS=86 (86) VR=5

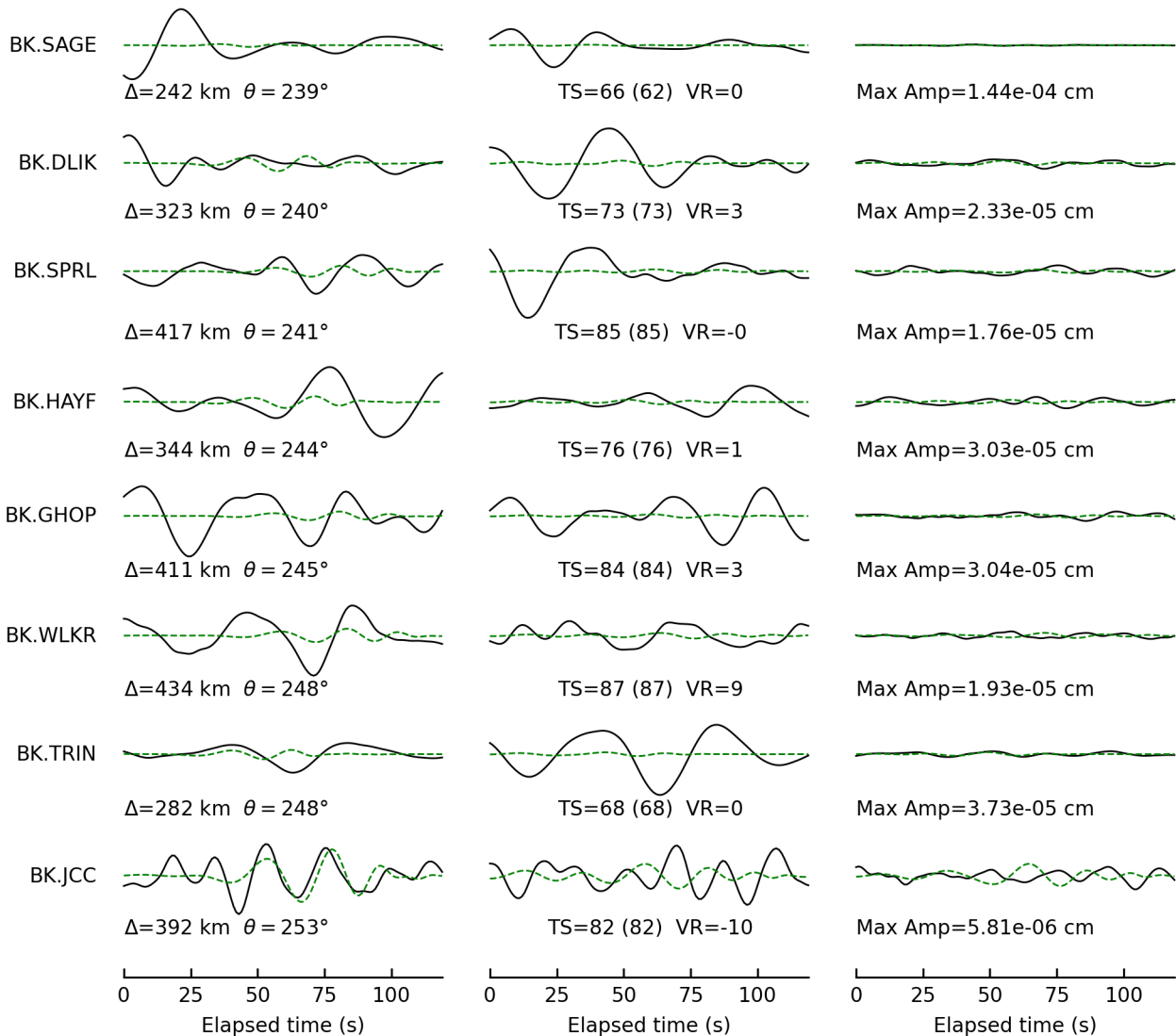
Max Amp=1.35e-05 cm



Tangential

Radial

Vertical





Tangential

Radial

Vertical

