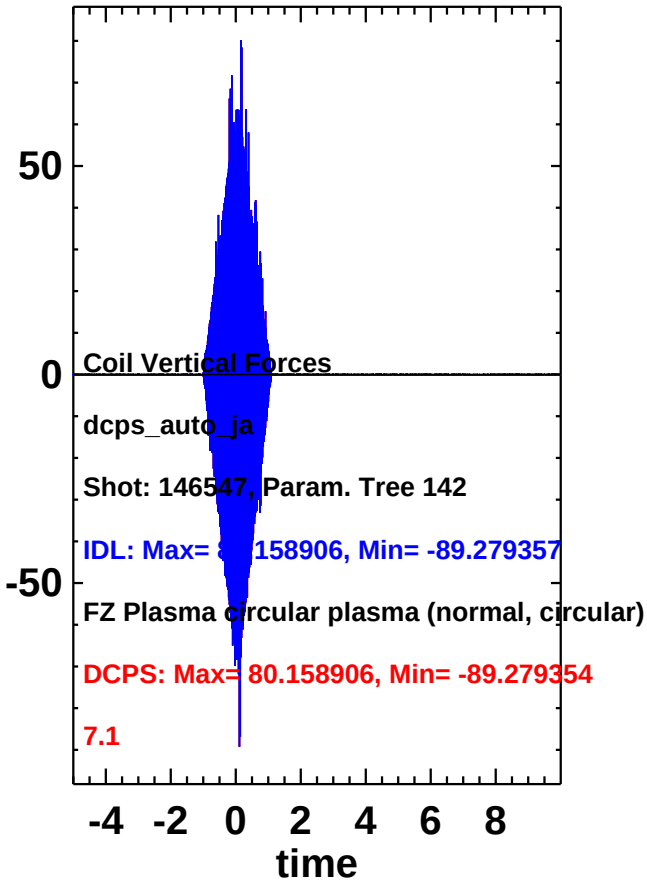
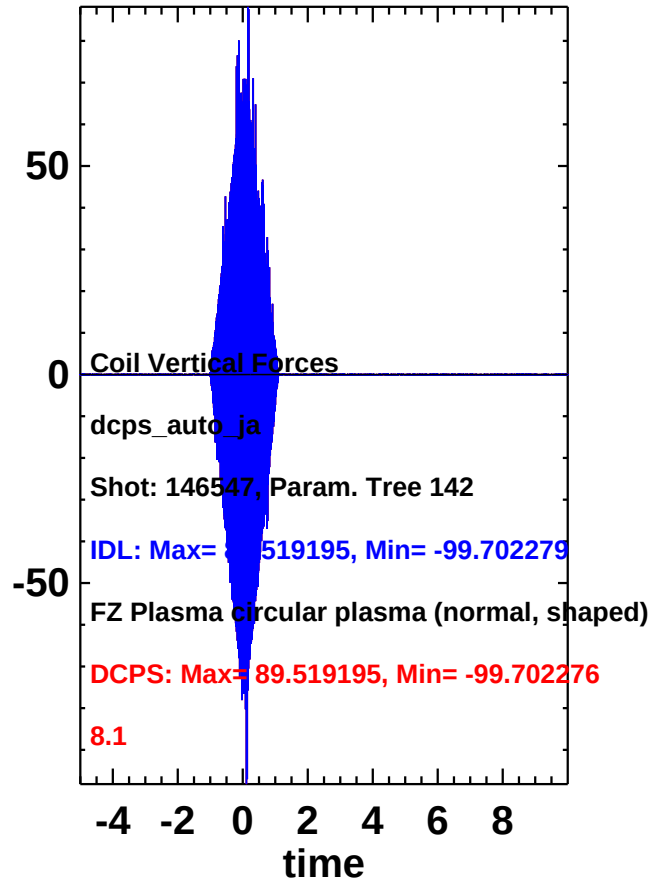
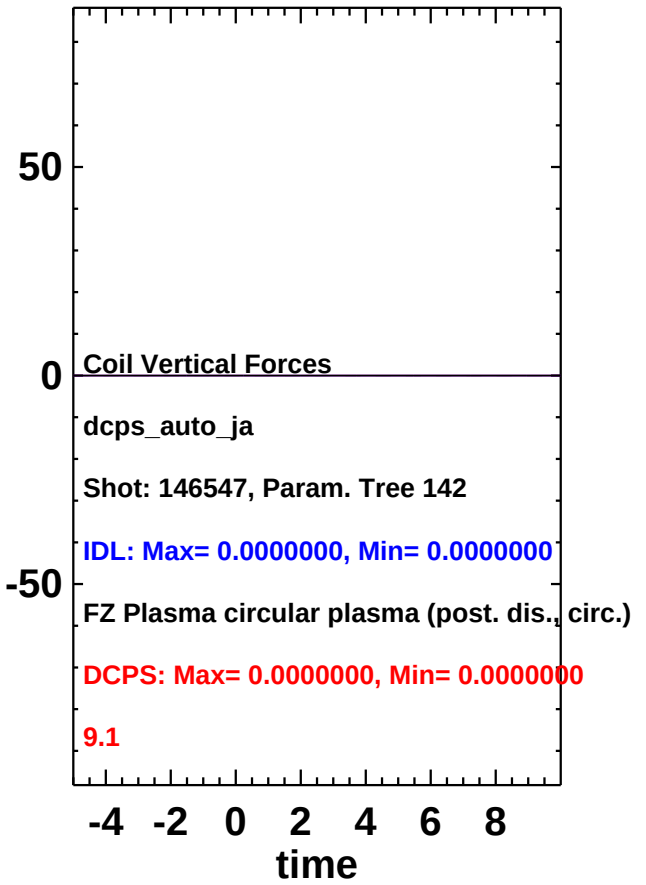
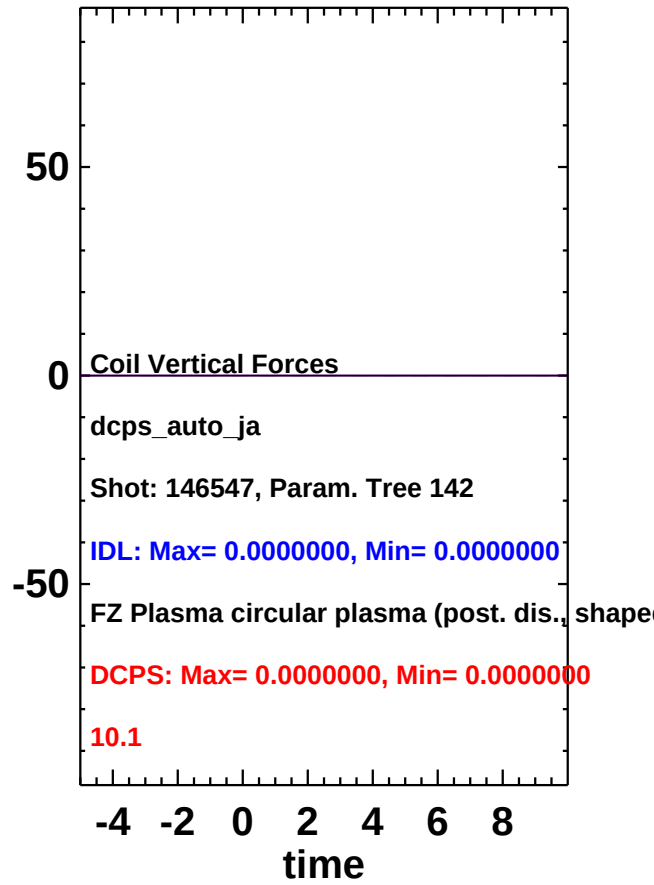
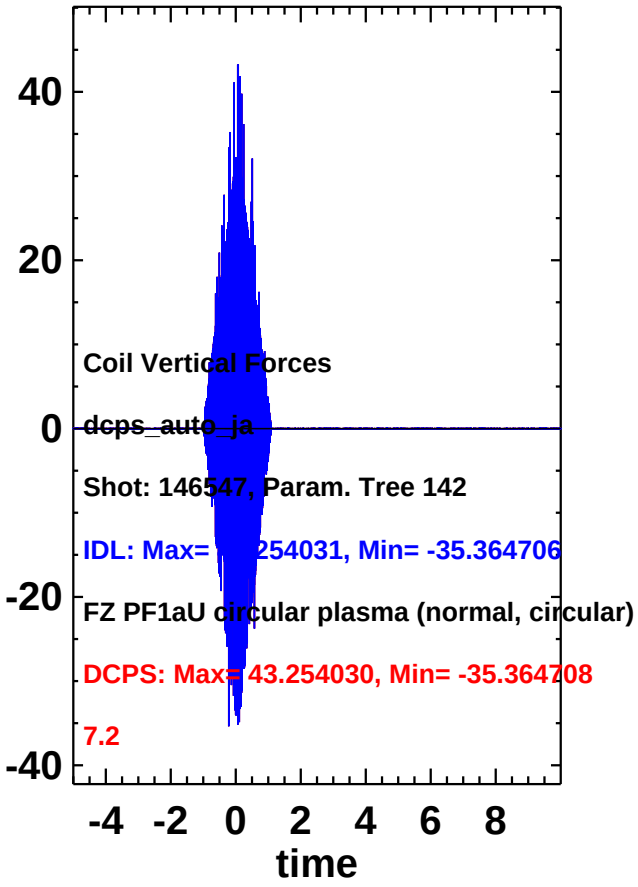
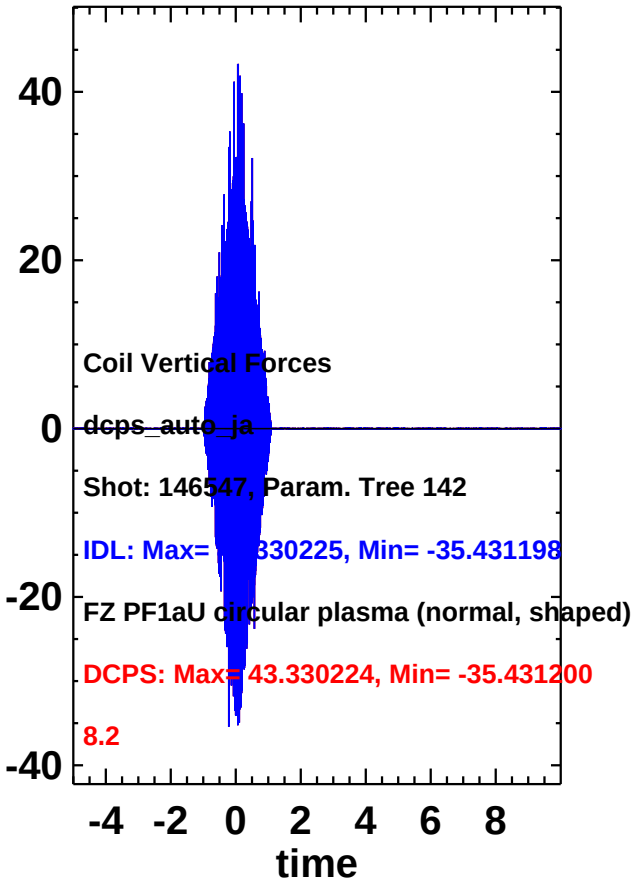

50
0
-50
Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 80.158906, Min= -89.279357
FZ Plasma circular plasma (normal, circular)
DCPS: Max= 80.158906, Min= -89.279354
7.1
-4 -2 0 2 4 6 8
time

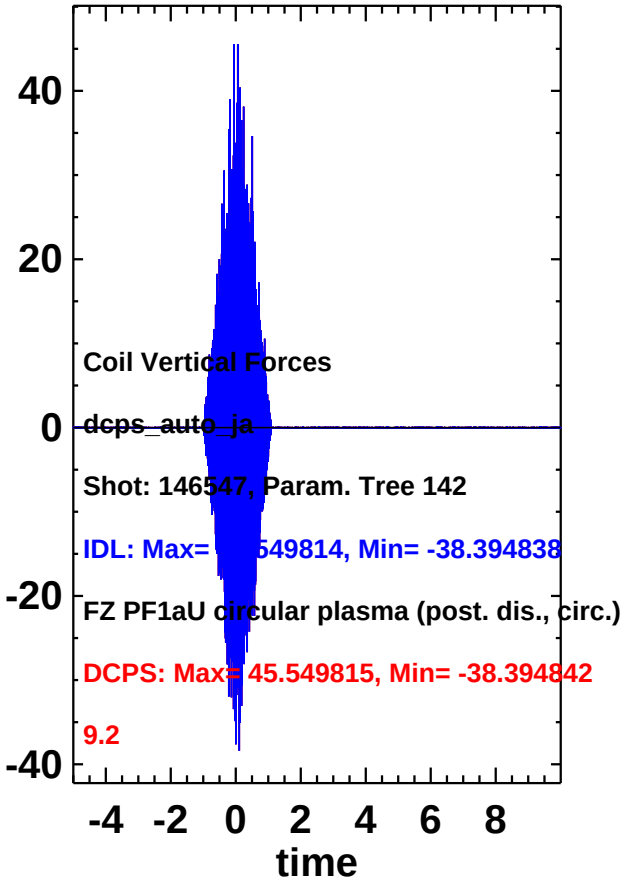

50
0
-50
Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 89.519195, Min= -99.702279
FZ Plasma circular plasma (normal, shaped)
DCPS: Max= 89.519195, Min= -99.702276
8.1
-4 -2 0 2 4 6 8
time

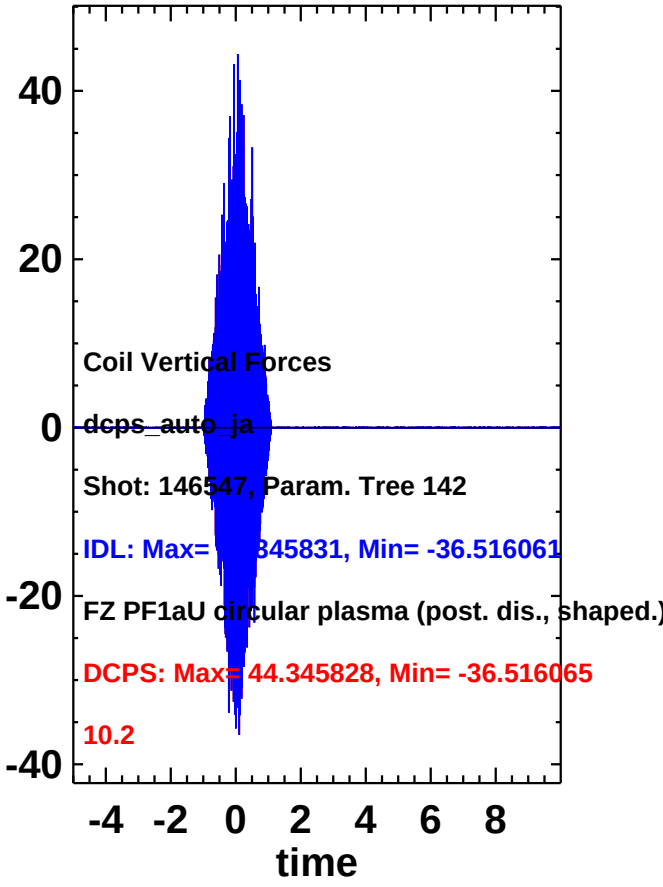

50
0
-50
Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 0.0000000, Min= 0.0000000
FZ Plasma circular plasma (post. dis., circ.)
DCPS: Max= 0.0000000, Min= 0.0000000
9.1
-4 -2 0 2 4 6 8
time

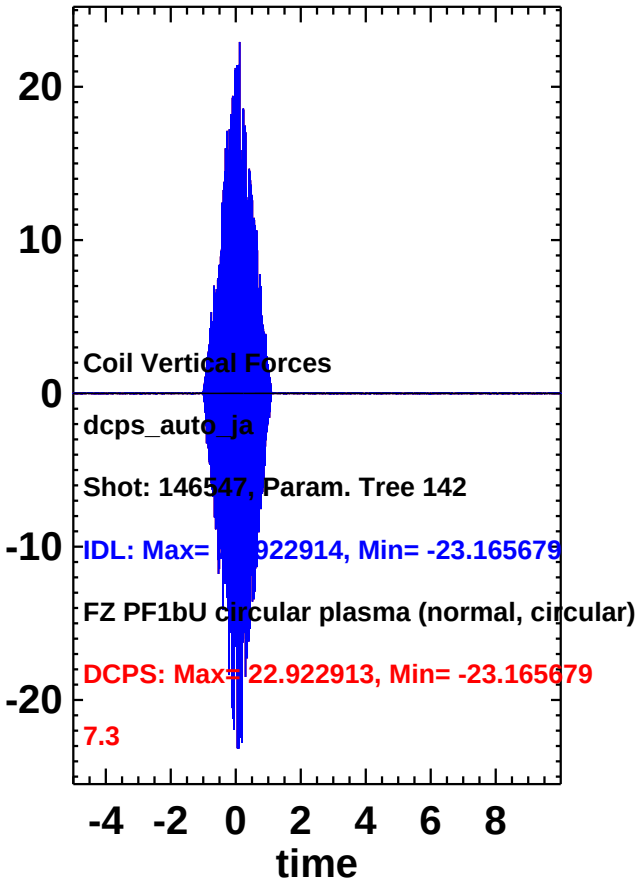

50
0
-50
Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 0.0000000, Min= 0.0000000
FZ Plasma circular plasma (post. dis., shaped
DCPS: Max= 0.0000000, Min= 0.0000000
10.1
-4 -2 0 2 4 6 8
time

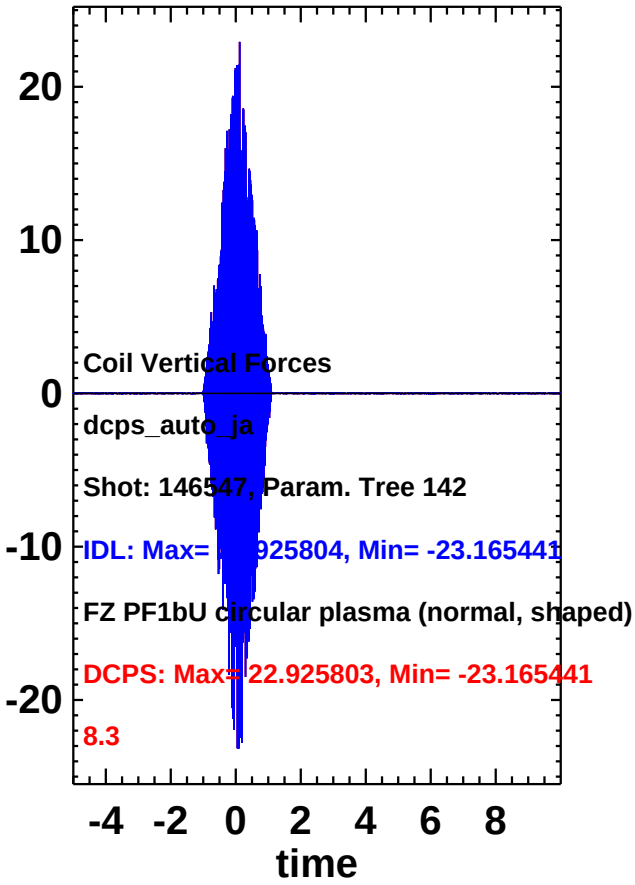

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 254031, Min= -35.364706
FZ PF1aU circular plasma (normal, circular)
DCPS: Max= 43.254030, Min= -35.364708
7.2
40
20
0
-20
-40
-4 -2 0 2 4 6 8
time

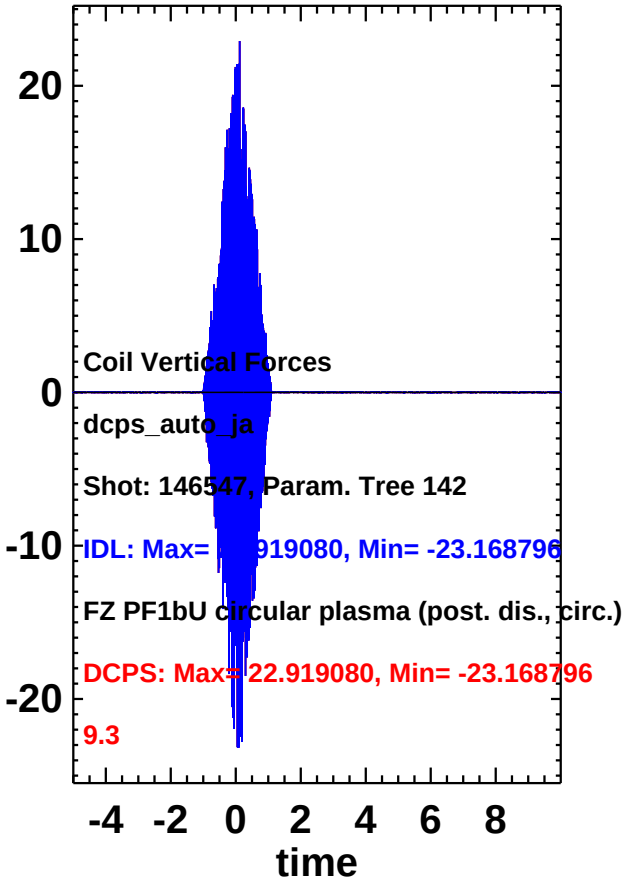

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 330225, Min= -35.431198
FZ PF1aU circular plasma (normal, shaped)
DCPS: Max= 43.330224, Min= -35.431200
8.2
40
20
0
-20
-40
-4 -2 0 2 4 6 8
time

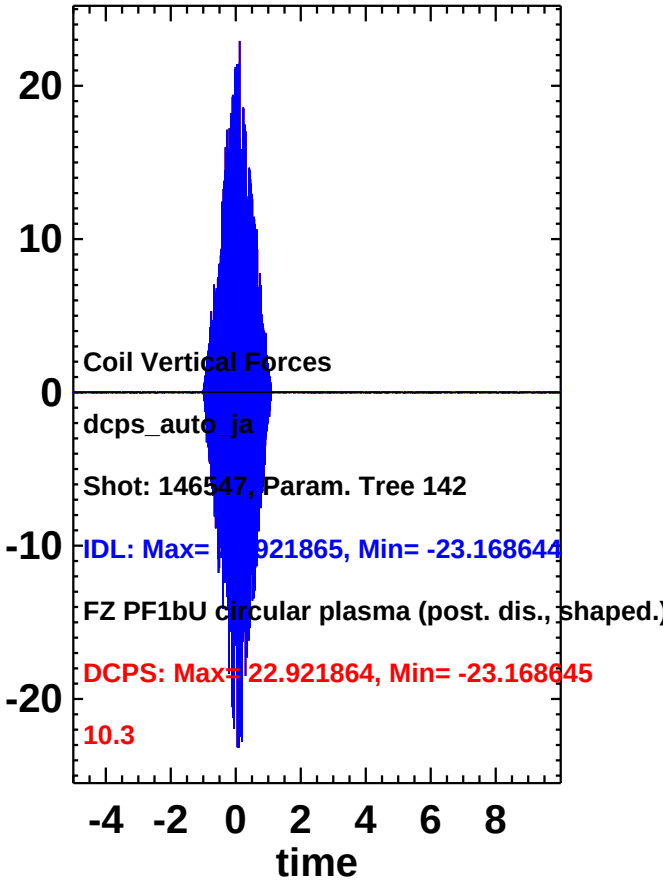

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 549814, Min= -38.394838
FZ PF1aU circular plasma (post. dis., circ.)
DCPS: Max= 45.549815, Min= -38.394842
9.2
40
20
0
-20
-40
-4 -2 0 2 4 6 8
time

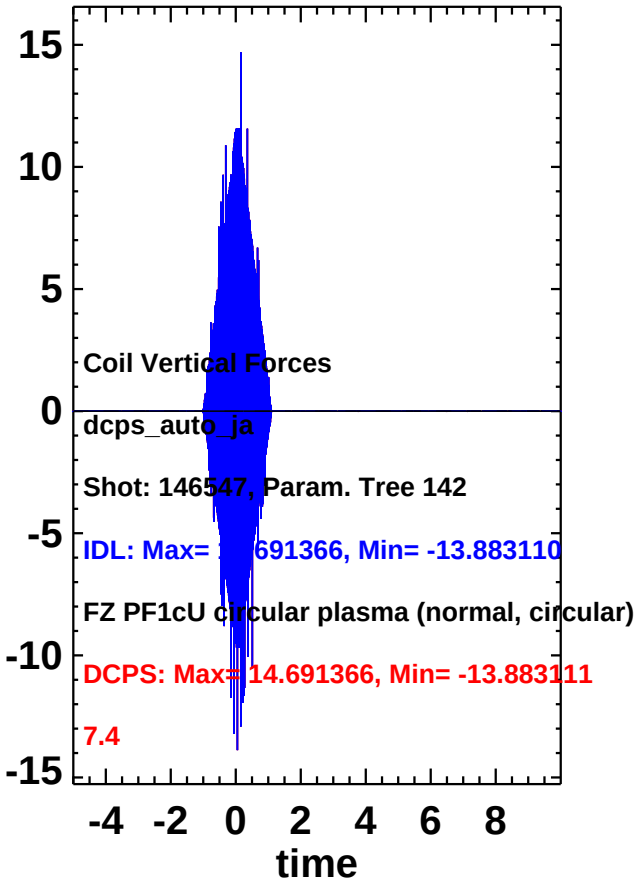

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 345831, Min= -36.516061
FZ PF1aU circular plasma (post. dis., shaped.)
DCPS: Max= 44.345828, Min= -36.516065
10.2
40
20
0
-20
-40
-4 -2 0 2 4 6 8
time

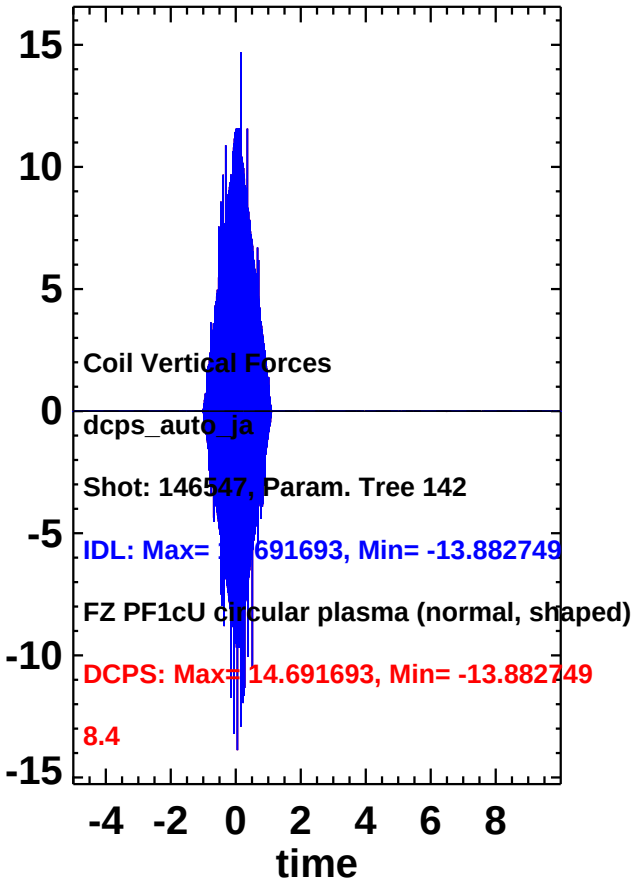

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 922914, Min= -23.165679
FZ PF1bU circular plasma (normal, circular)
DCPS: Max= 22.922913, Min= -23.165679
7.3
20
10
0
-10
-20
-4 -2 0 2 4 6 8
time

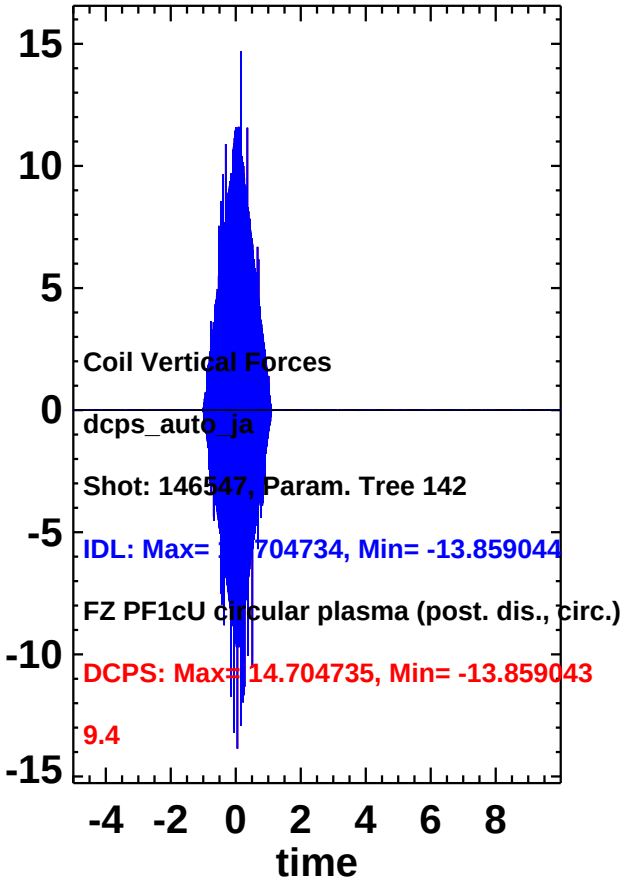

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 925804, Min= -23.165441
FZ PF1bU circular plasma (normal, shaped)
DCPS: Max= 22.925803, Min= -23.165441
8.3
20
10
0
-10
-20
-4 -2 0 2 4 6 8
time

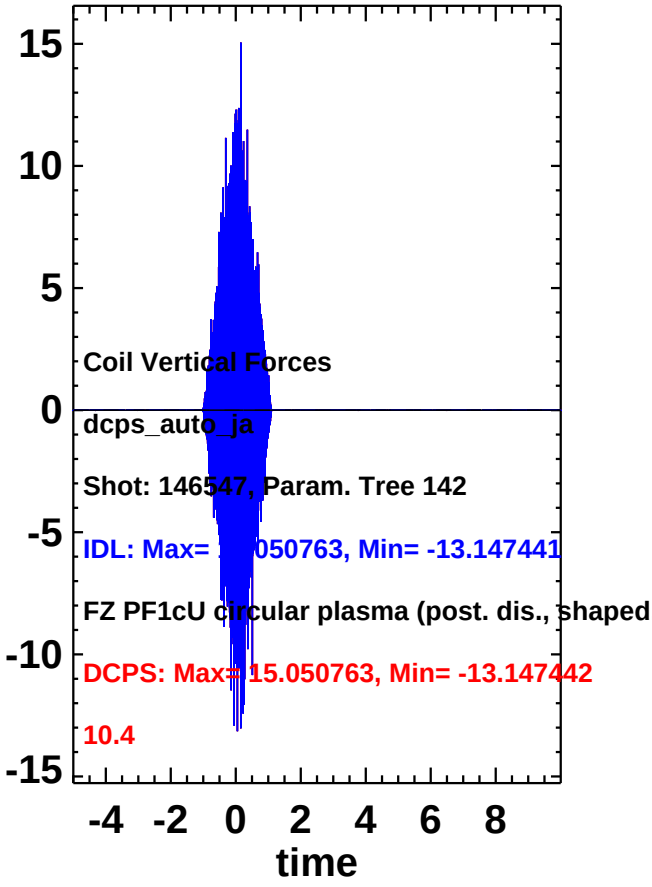

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 919080, Min= -23.168796
FZ PF1bU circular plasma (post. dis., circ.)
DCPS: Max= 22.919080, Min= -23.168796
9.3
20
10
0
-10
-20
-4 -2 0 2 4 6 8
time

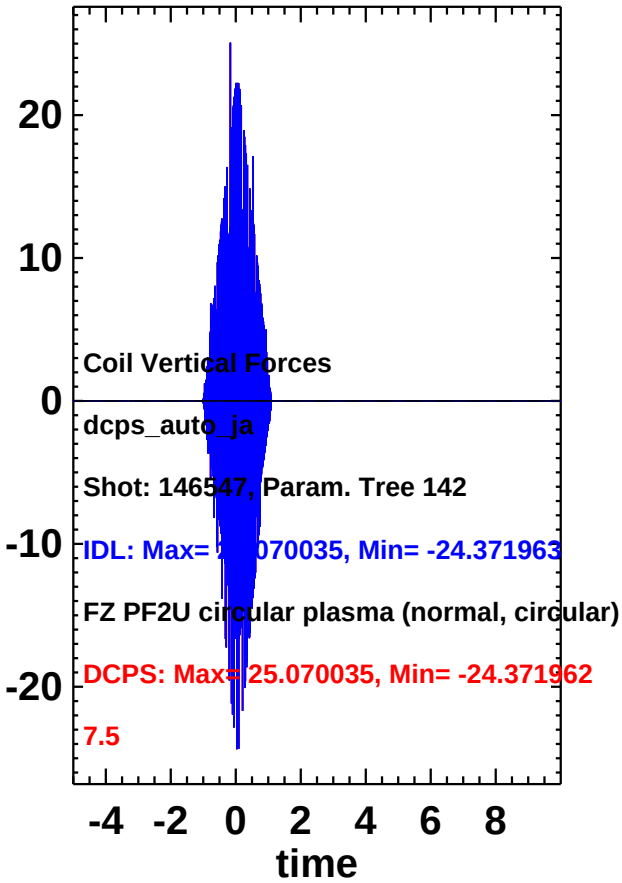

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 921865, Min= -23.168644
FZ PF1bU circular plasma (post. dis., shaped.)
DCPS: Max= 22.921864, Min= -23.168645
10.3
20
10
0
-10
-20
-4 -2 0 2 4 6 8
time

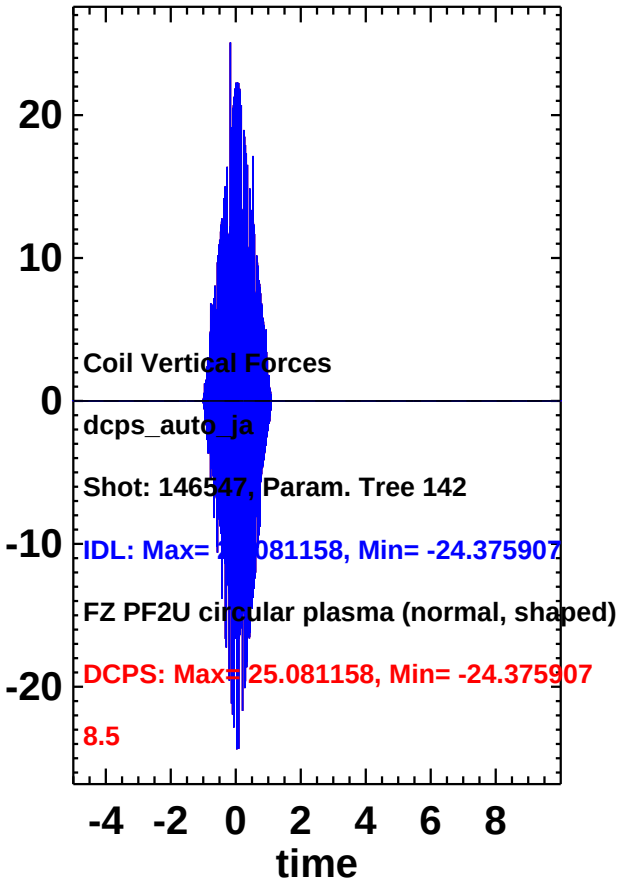

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 14.691366, Min= -13.883110
FZ PF1cU circular plasma (normal, circular)
DCPS: Max= 14.691366, Min= -13.883111
7.4
time

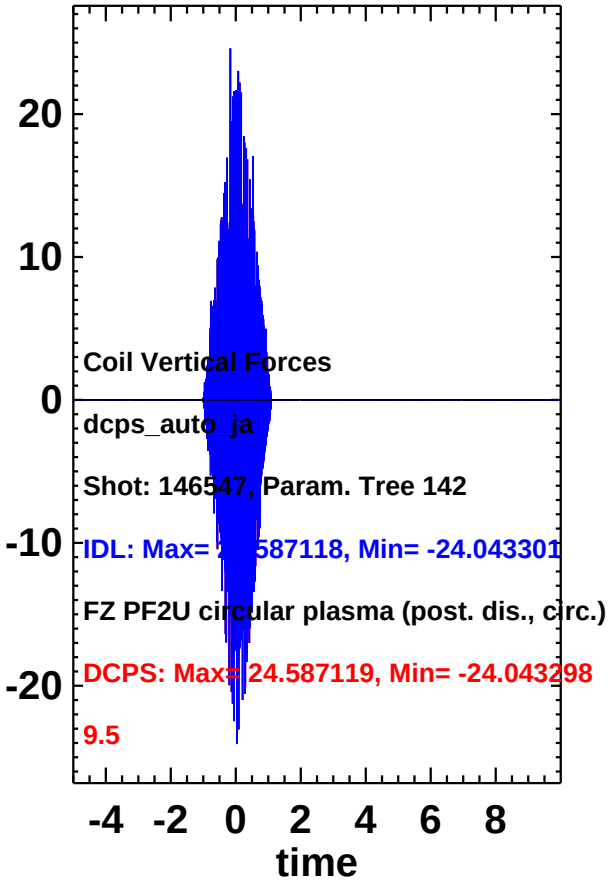

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 14.691693, Min= -13.882749
FZ PF1cU circular plasma (normal, shaped)
DCPS: Max= 14.691693, Min= -13.882749
8.4
time

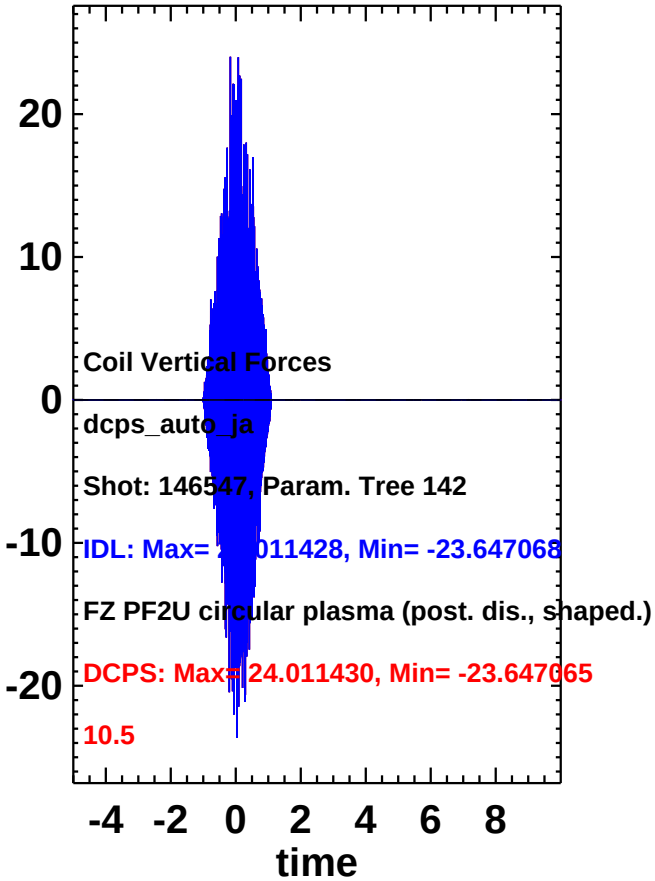

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 14.704734, Min= -13.859044
FZ PF1cU circular plasma (post. dis., circ.)
DCPS: Max= 14.704735, Min= -13.859043
9.4
time

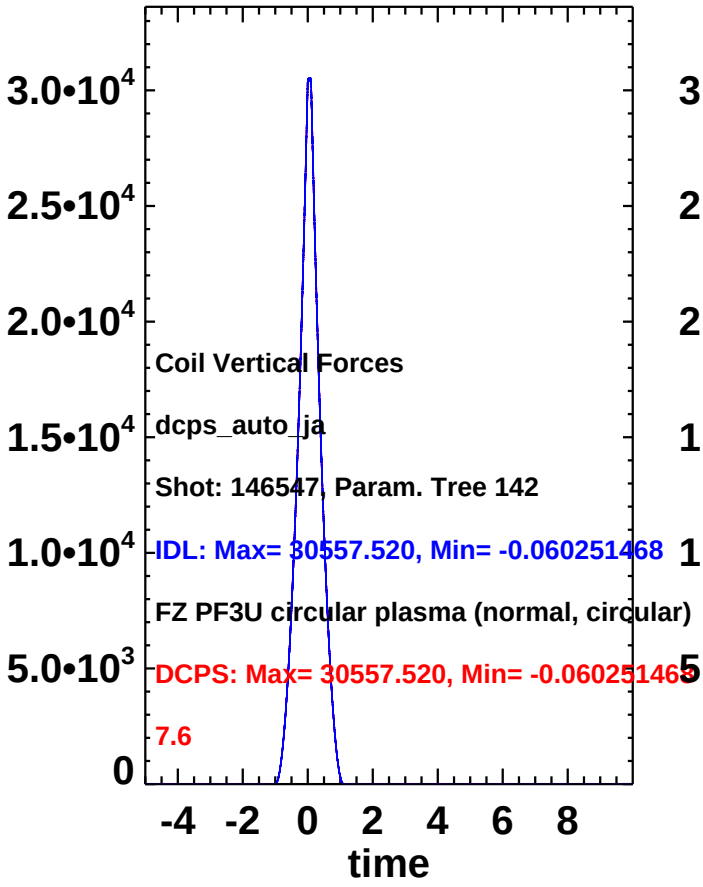

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 15.050763, Min= -13.147441
FZ PF1cU circular plasma (post. dis., shaped.)
DCPS: Max= 15.050763, Min= -13.147442
10.4
time

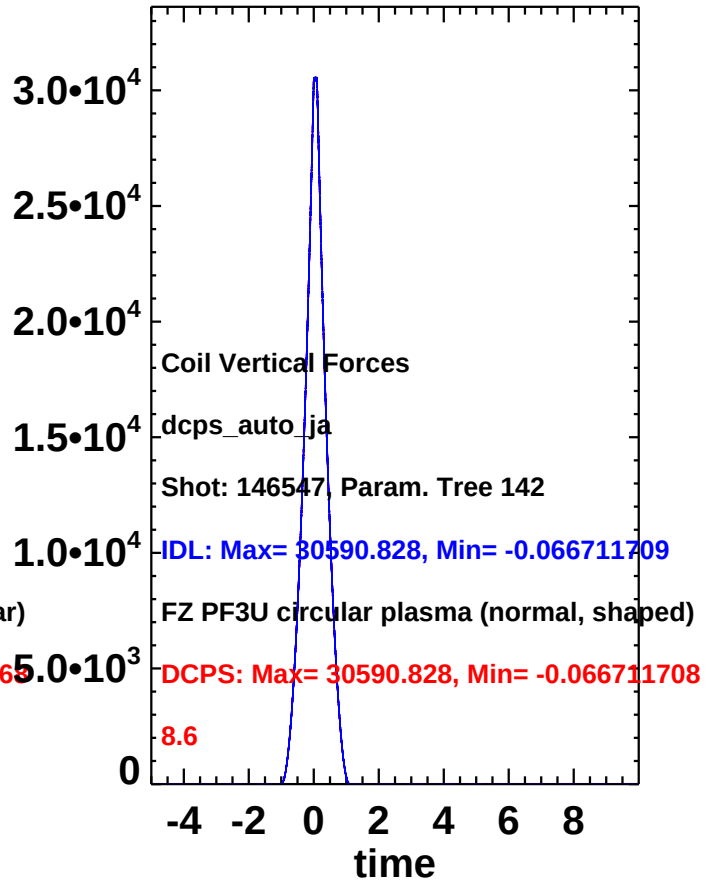

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 25.070035, Min= -24.371963
FZ PF2U circular plasma (normal, circular)
DCPS: Max= 25.070035, Min= -24.371962
7.5
20
10
0
-10
-20
-4 -2 0 2 4 6 8
time

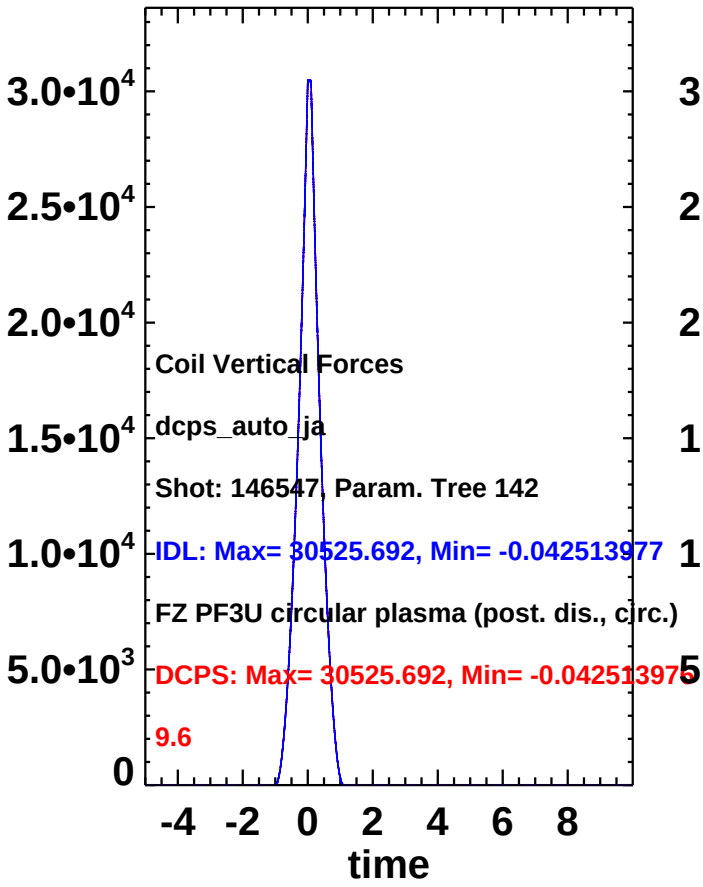

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 25.081158, Min= -24.375907
FZ PF2U circular plasma (normal, shaped)
DCPS: Max= 25.081158, Min= -24.375907
8.5
20
10
0
-10
-20
-4 -2 0 2 4 6 8
time

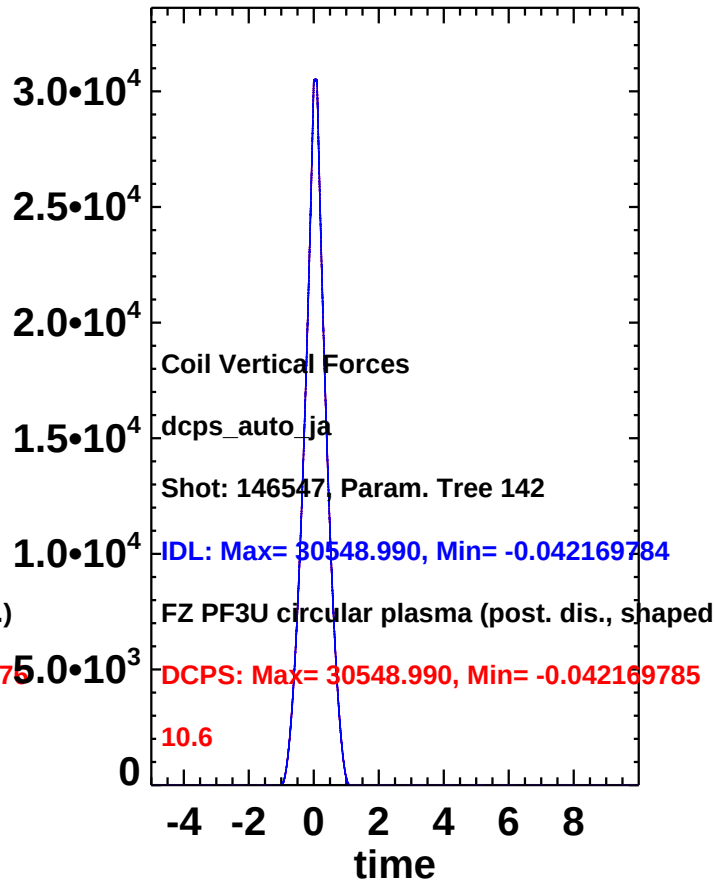

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 24.587118, Min= -24.043301
FZ PF2U circular plasma (post. dis., circ.)
DCPS: Max= 24.587119, Min= -24.043298
9.5
20
10
0
-10
-20
-4 -2 0 2 4 6 8
time

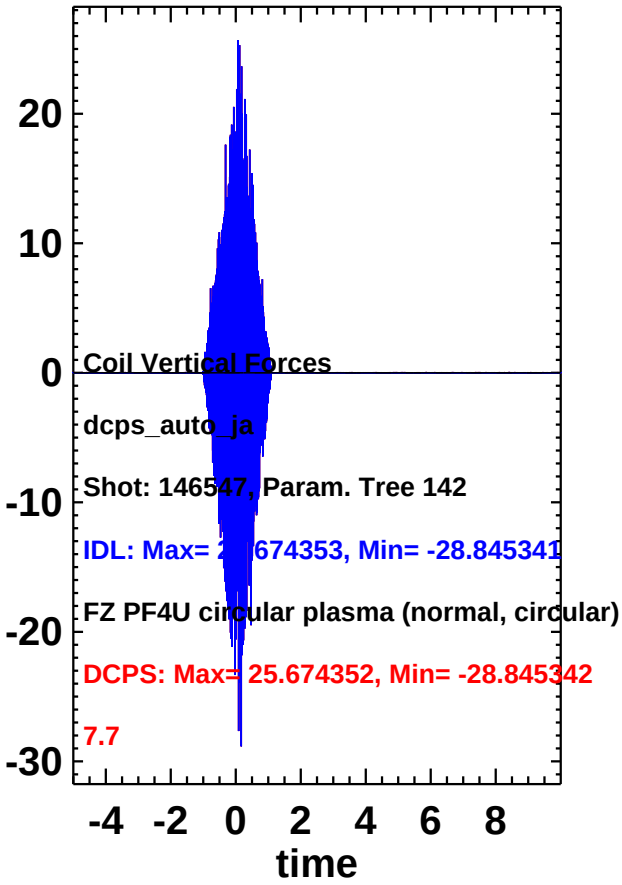

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 24.011428, Min= -23.647068
FZ PF2U circular plasma (post. dis., shaped.)
DCPS: Max= 24.011430, Min= -23.647065
10.5
20
10
0
-10
-20
-4 -2 0 2 4 6 8
time

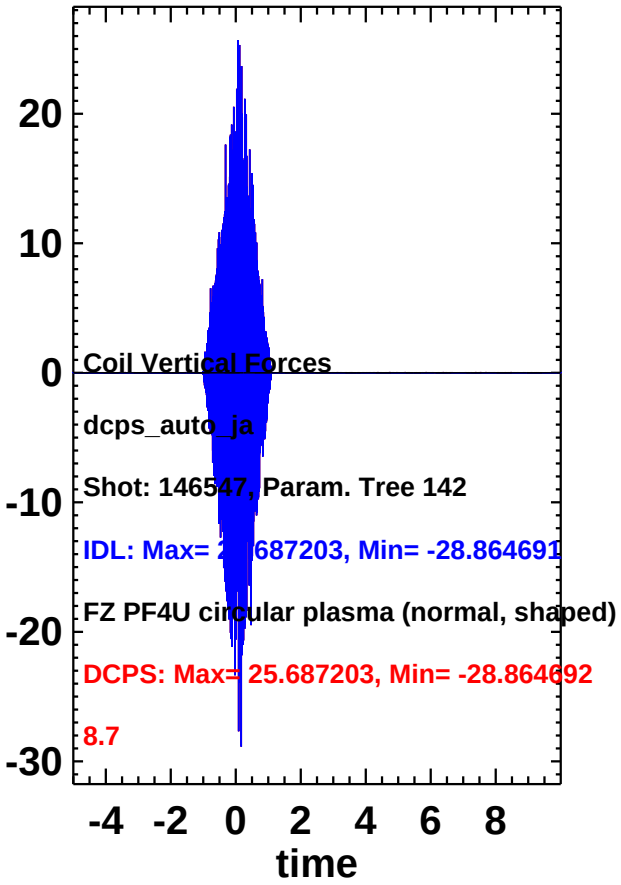

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 30557.520, Min= -0.060251468
FZ PF3U circular plasma (normal, circular)
DCPS: Max= 30557.520, Min= -0.060251468
7.6
3.0•10^4
2.5•10^4
2.0•10^4
1.5•10^4
1.0•10^4
5.0•10^3
0
-4 -2 0 2 4 6 8
time

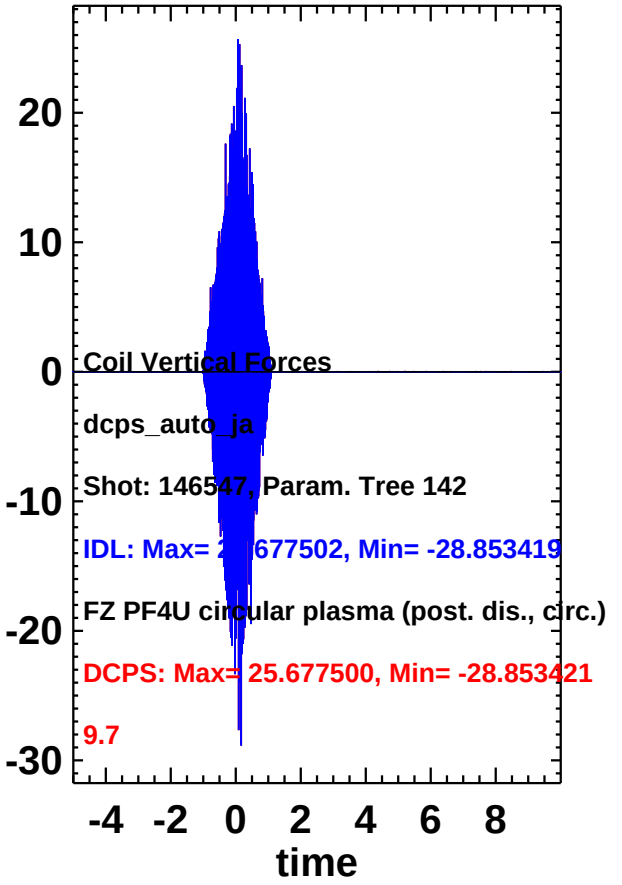

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 30590.828, Min= -0.066711709
FZ PF3U circular plasma (normal, shaped)
DCPS: Max= 30590.828, Min= -0.066711708
8.6
3.0•10^4
2.5•10^4
2.0•10^4
1.5•10^4
1.0•10^4
5.0•10^3
0
-4 -2 0 2 4 6 8
time

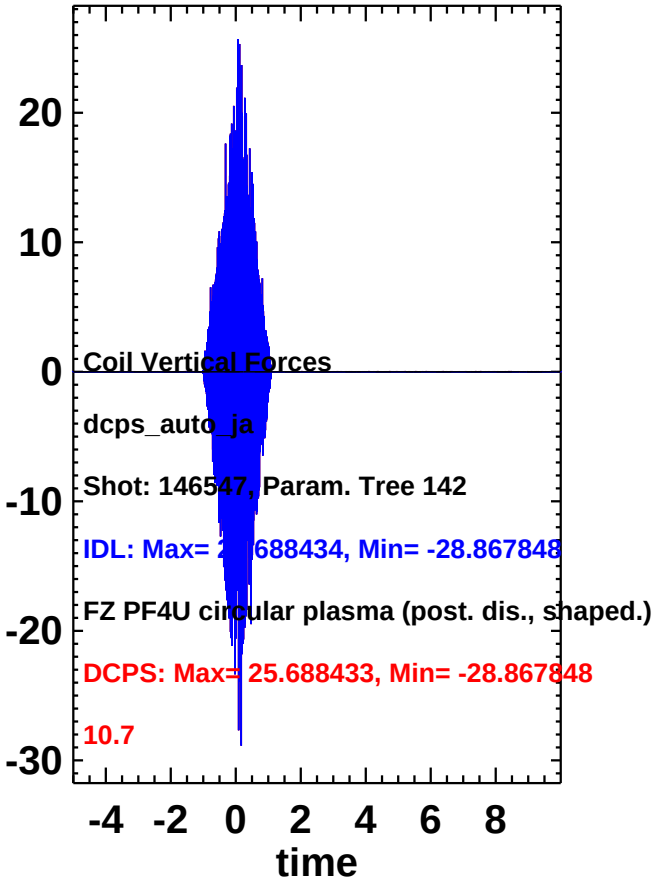

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 30525.692, Min= -0.042513977
FZ PF3U circular plasma (post. dis., circ.)
DCPS: Max= 30525.692, Min= -0.042513977
9.6
3.0•10^4
2.5•10^4
2.0•10^4
1.5•10^4
1.0•10^4
5.0•10^3
0
-4 -2 0 2 4 6 8
time

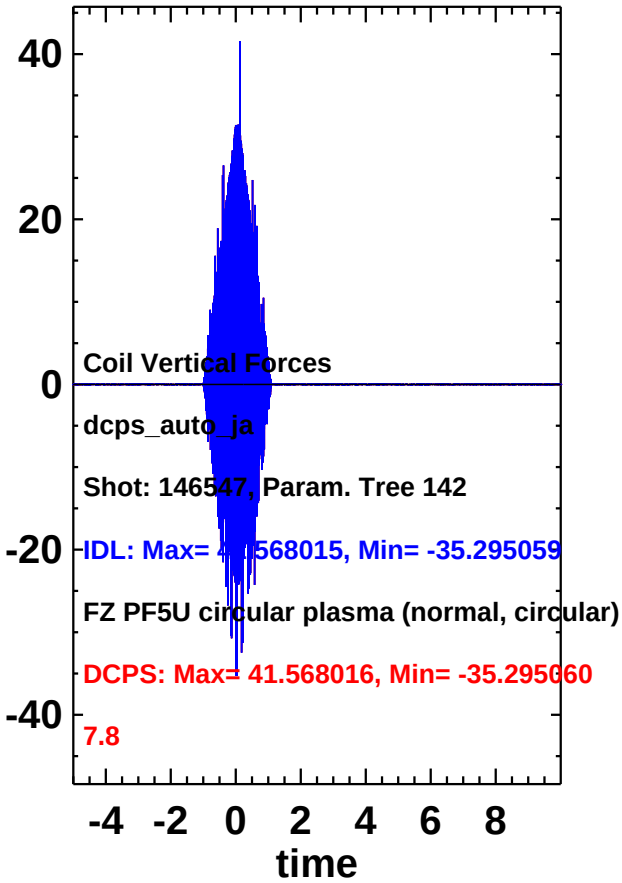

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 30548.990, Min= -0.042169784
FZ PF3U circular plasma (post. dis., shaped.)
DCPS: Max= 30548.990, Min= -0.042169785
10.6
3.0•10^4
2.5•10^4
2.0•10^4
1.5•10^4
1.0•10^4
5.0•10^3
0
-4 -2 0 2 4 6 8
time

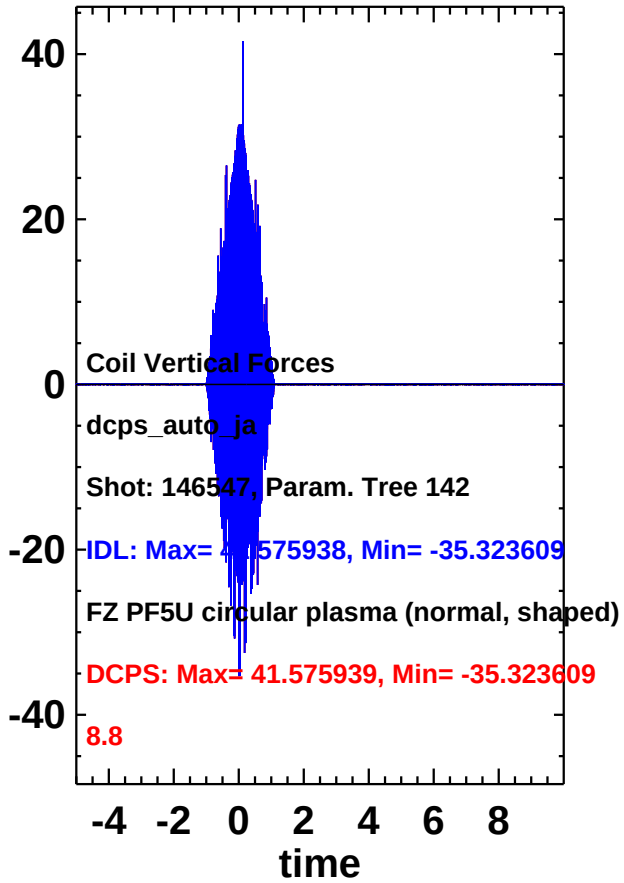

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 25.674353, Min= -28.845341
FZ PF4U circular plasma (normal, circular)
DCPS: Max= 25.674352, Min= -28.845342
7.7
time

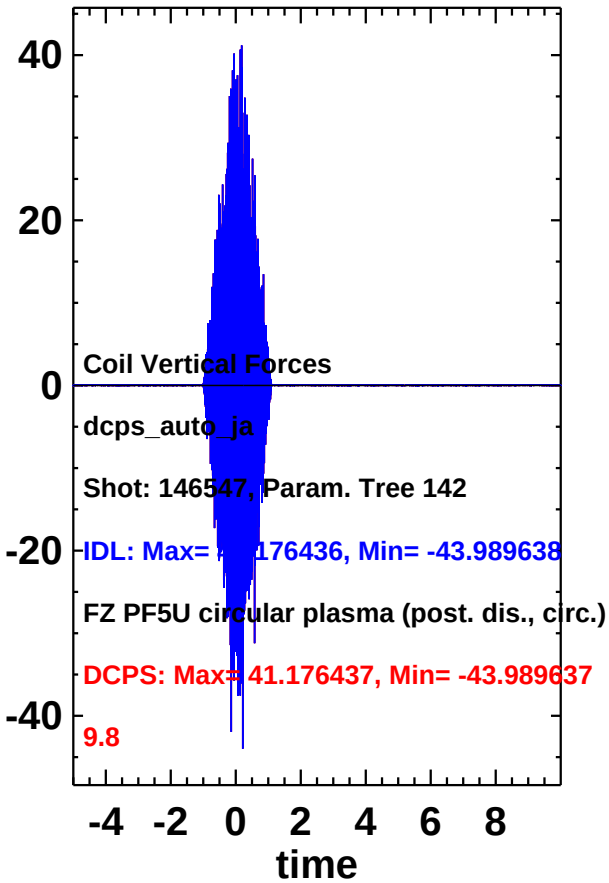

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 25.687203, Min= -28.864691
FZ PF4U circular plasma (normal, shaped)
DCPS: Max= 25.687203, Min= -28.864692
8.7
time

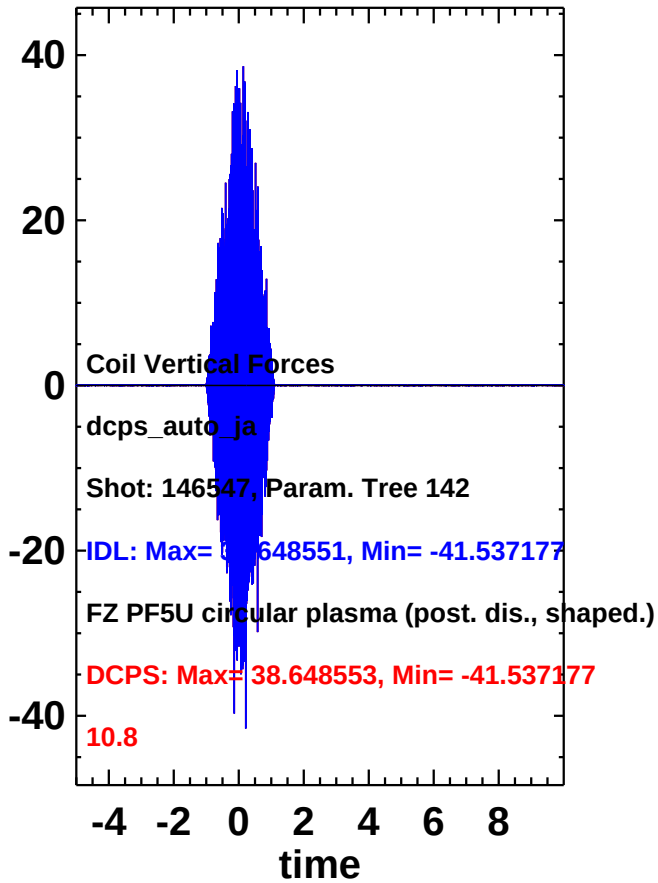

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 25.677502, Min= -28.853419
FZ PF4U circular plasma (post. dis., circ.)
DCPS: Max= 25.677500, Min= -28.853421
9.7
time

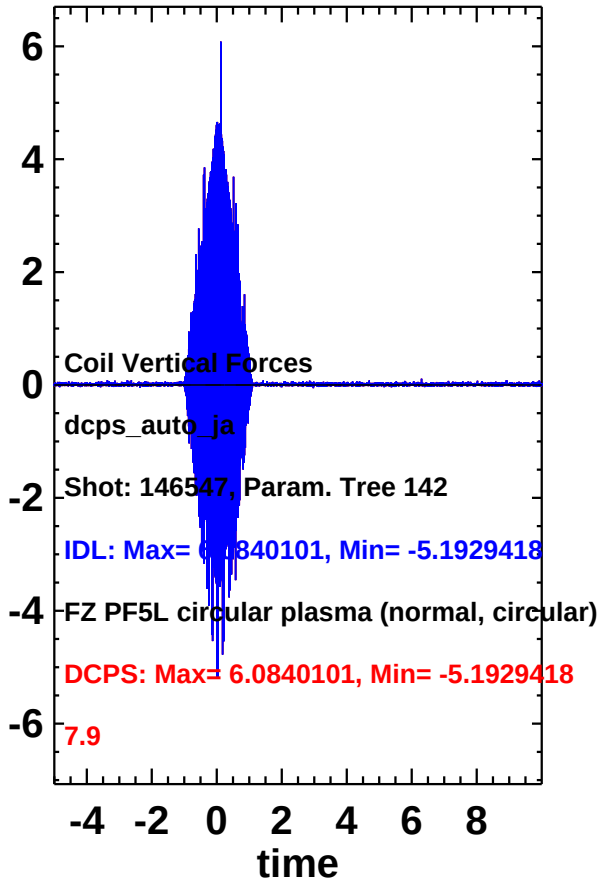

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 25.688434, Min= -28.867848
FZ PF4U circular plasma (post. dis., shaped.)
DCPS: Max= 25.688433, Min= -28.867848
10.7
time

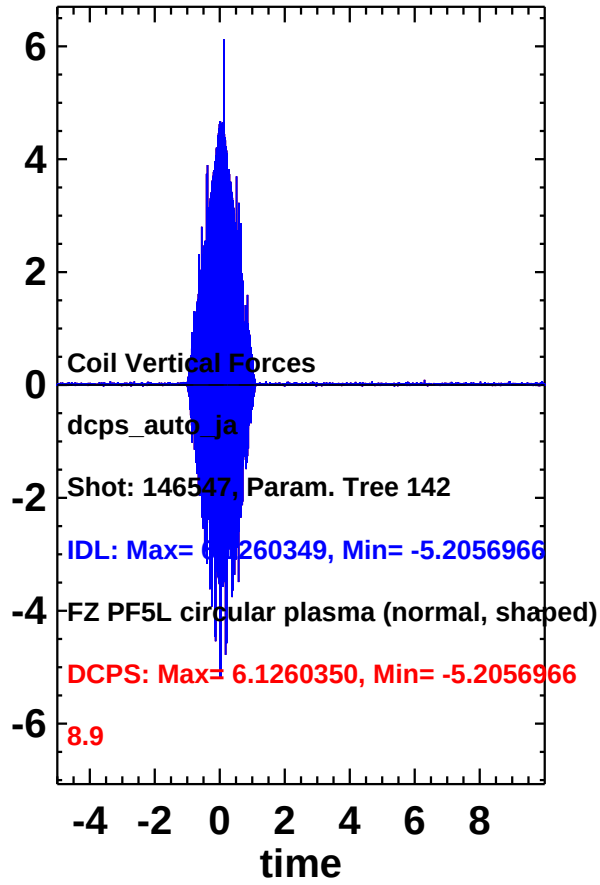

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 41.568015, Min= -35.295059
FZ PF5U circular plasma (normal, circular)
DCPS: Max= 41.568016, Min= -35.295060
7.8
40
20
0
-20
-40
-4 -2 0 2 4 6 8
time

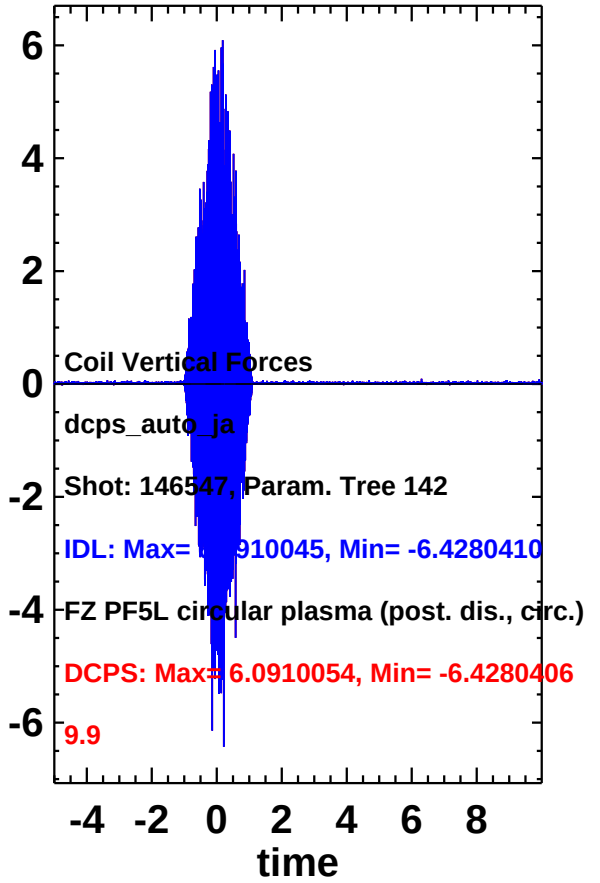

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 41.575938, Min= -35.323609
FZ PF5U circular plasma (normal, shaped)
DCPS: Max= 41.575939, Min= -35.323609
8.8
40
20
0
-20
-40
-4 -2 0 2 4 6 8
time

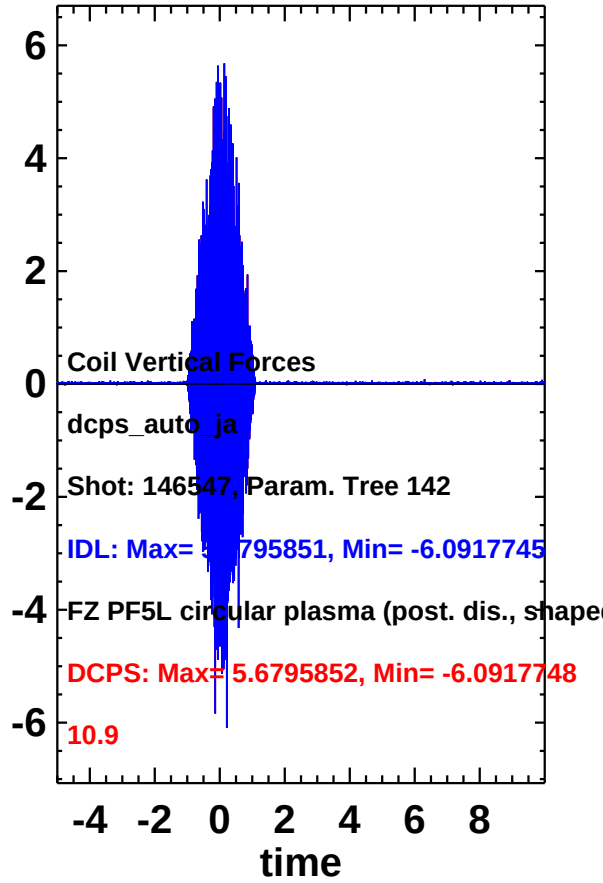

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 41.176436, Min= -43.989638
FZ PF5U circular plasma (post. dis., circ.)
DCPS: Max= 41.176437, Min= -43.989637
9.8
40
20
0
-20
-40
-4 -2 0 2 4 6 8
time

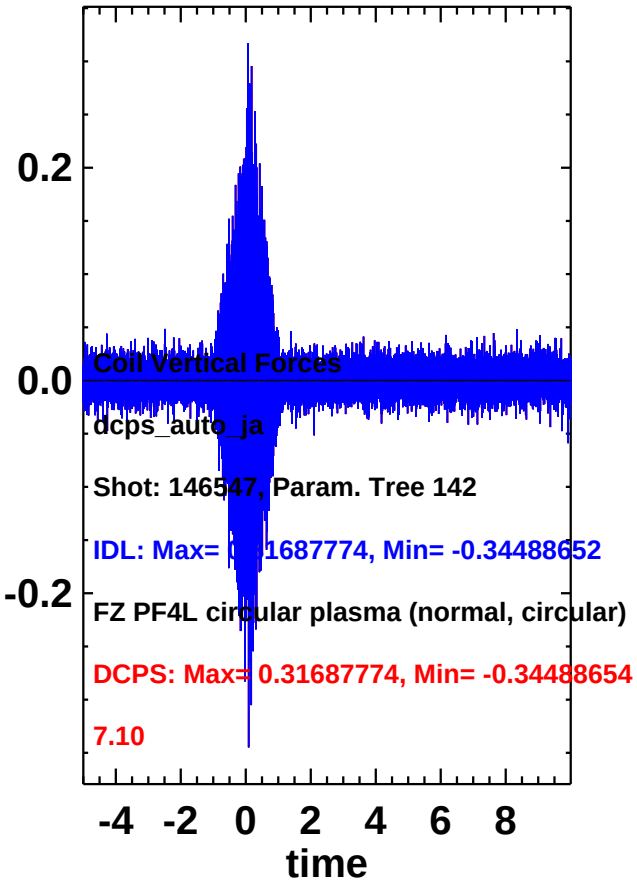

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 38.648551, Min= -41.537177
FZ PF5U circular plasma (post. dis., shaped.)
DCPS: Max= 38.648553, Min= -41.537177
10.8
40
20
0
-20
-40
-4 -2 0 2 4 6 8
time

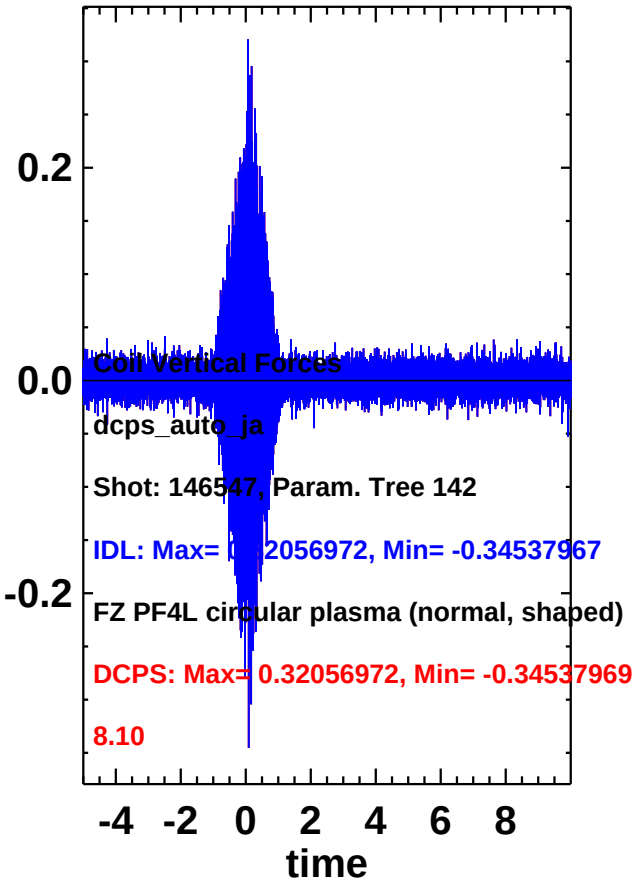

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 6.0840101, Min= -5.1929418
FZ PF5L circular plasma (normal, circular)
DCPS: Max= 6.0840101, Min= -5.1929418
7.9
time

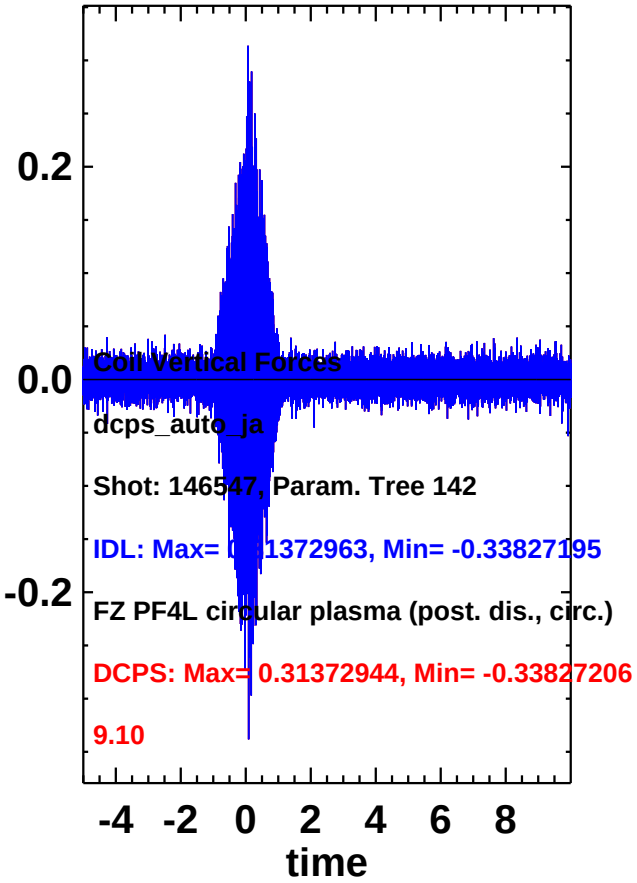

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 6.1260349, Min= -5.2056966
FZ PF5L circular plasma (normal, shaped)
DCPS: Max= 6.1260350, Min= -5.2056966
8.9
time

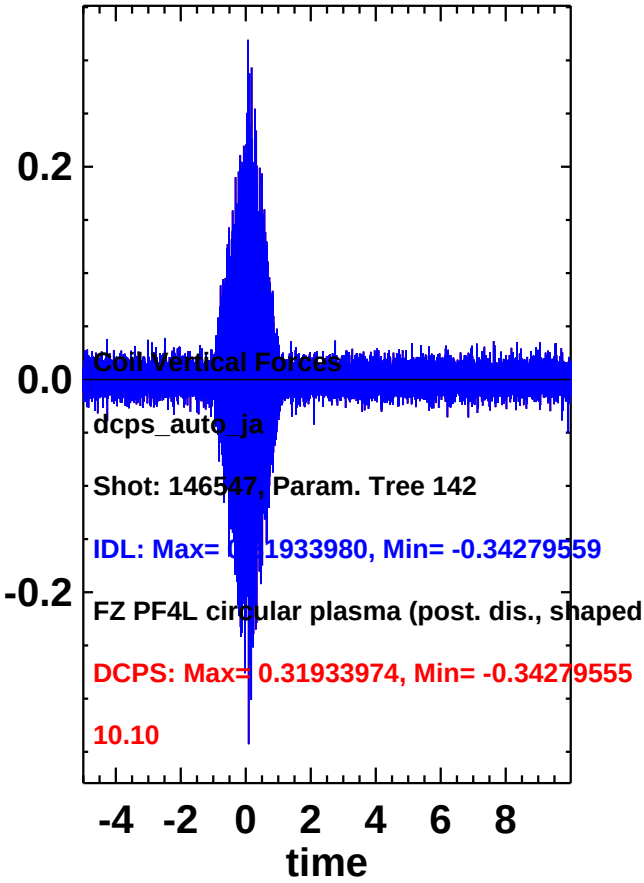

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 6.0910045, Min= -6.4280410
FZ PF5L circular plasma (post. dis., circ.)
DCPS: Max= 6.0910054, Min= -6.4280406
9.9
time

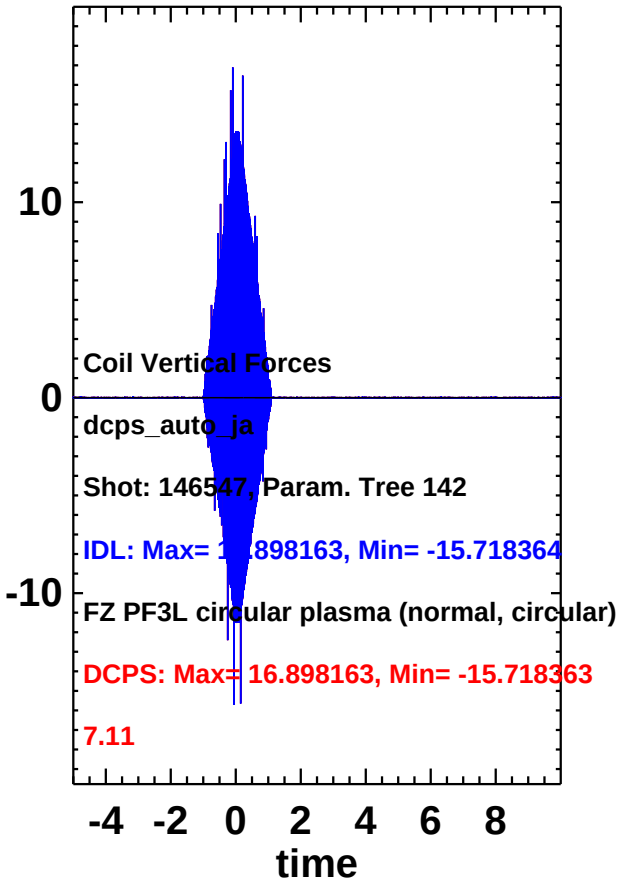

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 5.6795851, Min= -6.0917745
FZ PF5L circular plasma (post. dis., shaped.)
DCPS: Max= 5.6795852, Min= -6.0917748
10.9
time

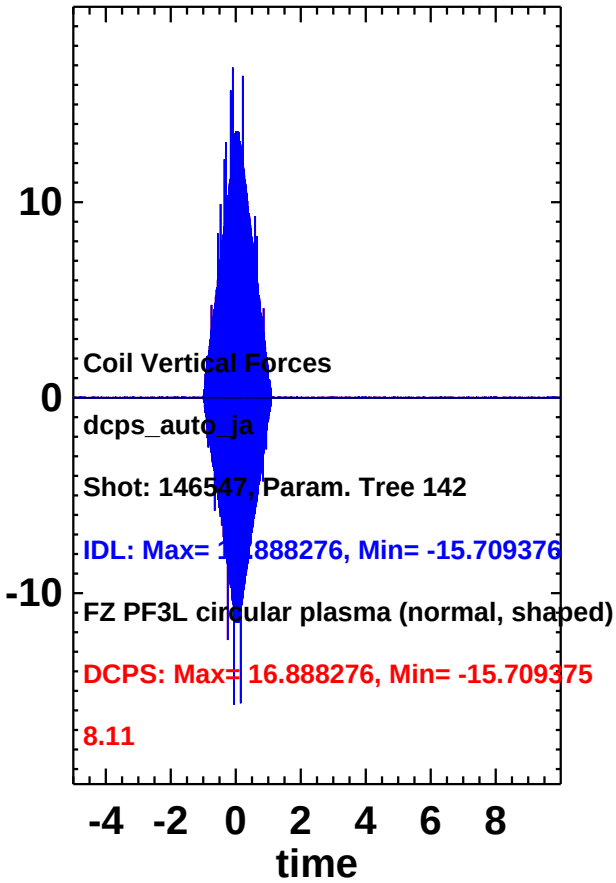

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 0.31687774, Min= -0.34488652
FZ PF4L circular plasma (normal, circular)
DCPS: Max= 0.31687774, Min= -0.34488654
7.10
0.2
0.0
-0.2
-4 -2 0 2 4 6 8
time

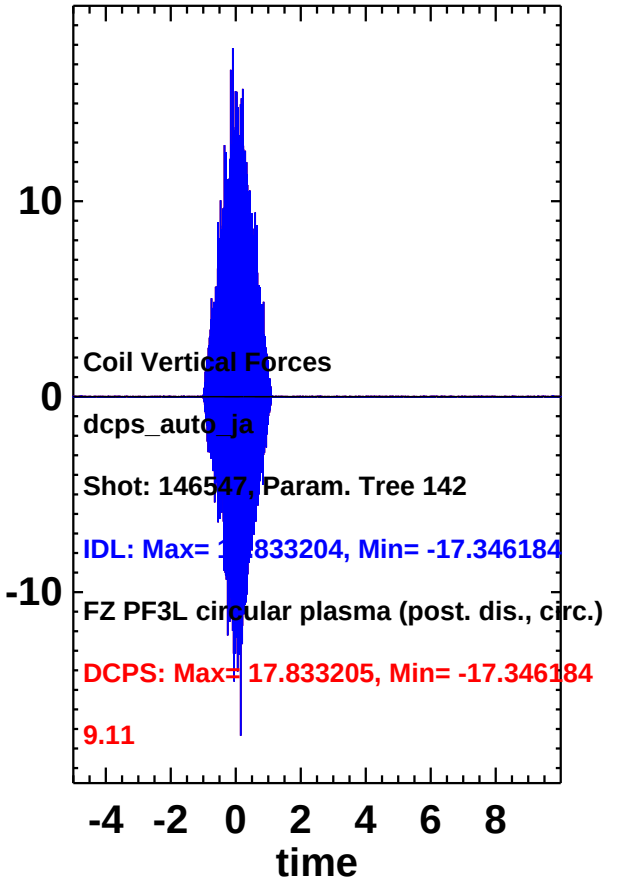

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 0.32056972, Min= -0.34537967
FZ PF4L circular plasma (normal, shaped)
DCPS: Max= 0.32056972, Min= -0.34537969
8.10
0.2
0.0
-0.2
-4 -2 0 2 4 6 8
time

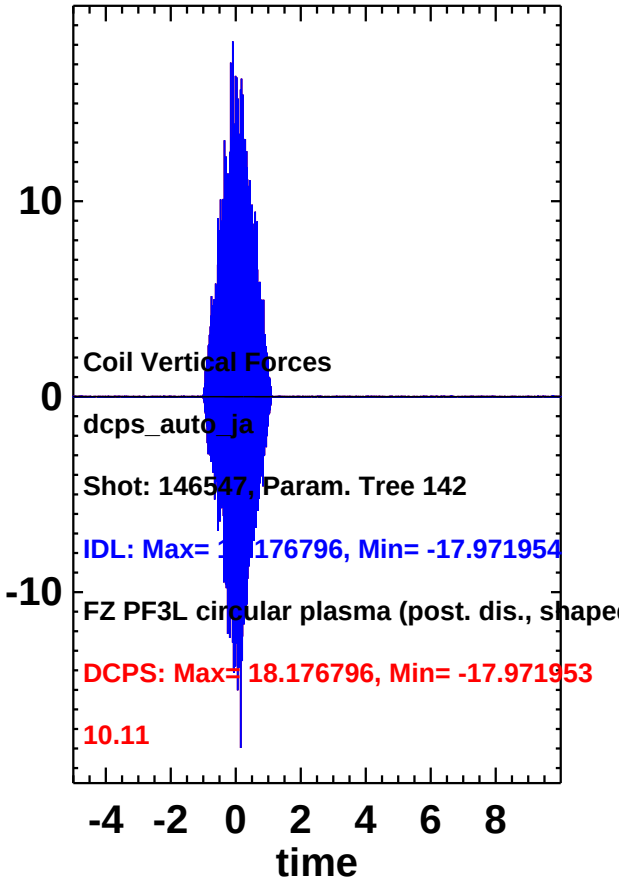

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 0.31372963, Min= -0.33827195
FZ PF4L circular plasma (post. dis., circ.)
DCPS: Max= 0.31372944, Min= -0.33827206
9.10
0.2
0.0
-0.2
-4 -2 0 2 4 6 8
time

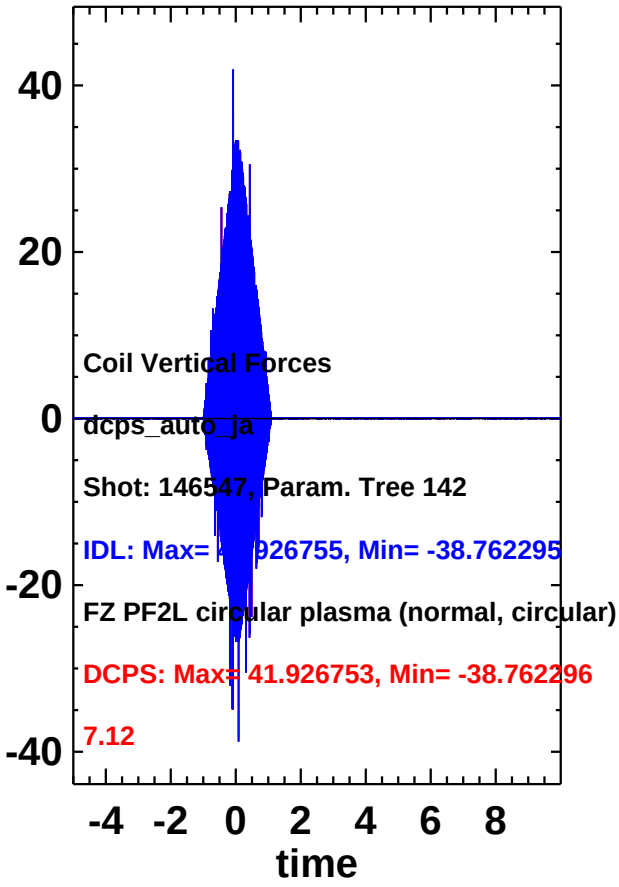

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 0.31933980, Min= -0.34279559
FZ PF4L circular plasma (post. dis., shaped.)
DCPS: Max= 0.31933974, Min= -0.34279555
10.10
0.2
0.0
-0.2
-4 -2 0 2 4 6 8
time

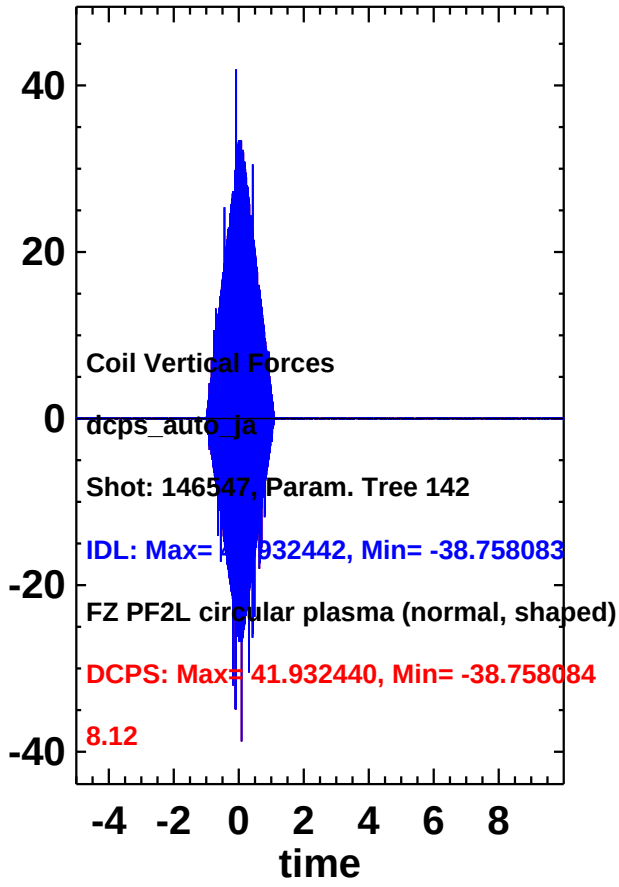

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 16.898163, Min= -15.718364
FZ PF3L circular plasma (normal, circular)
DCPS: Max= 16.898163, Min= -15.718363
7.11
10
0
-10
-4 -2 0 2 4 6 8
time

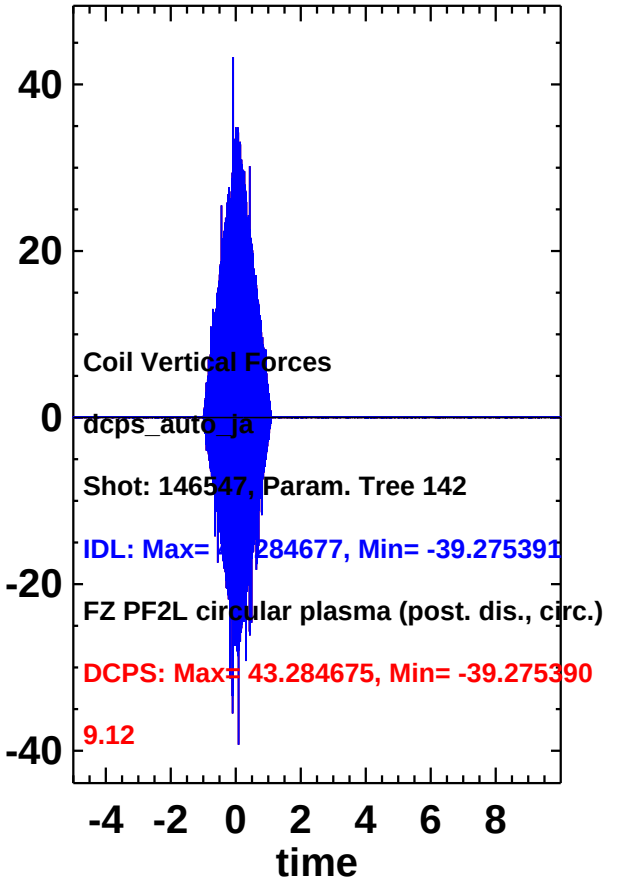

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 16.888276, Min= -15.709376
FZ PF3L circular plasma (normal, shaped)
DCPS: Max= 16.888276, Min= -15.709375
8.11
10
0
-10
-4 -2 0 2 4 6 8
time

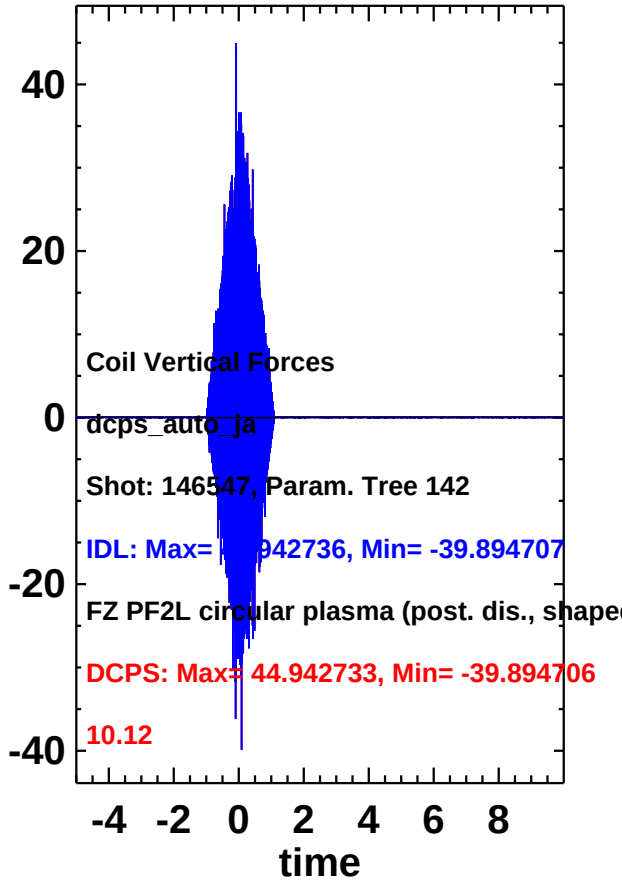

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 17.833204, Min= -17.346184
FZ PF3L circular plasma (post. dis., circ.)
DCPS: Max= 17.833205, Min= -17.346184
9.11
10
0
-10
-4 -2 0 2 4 6 8
time

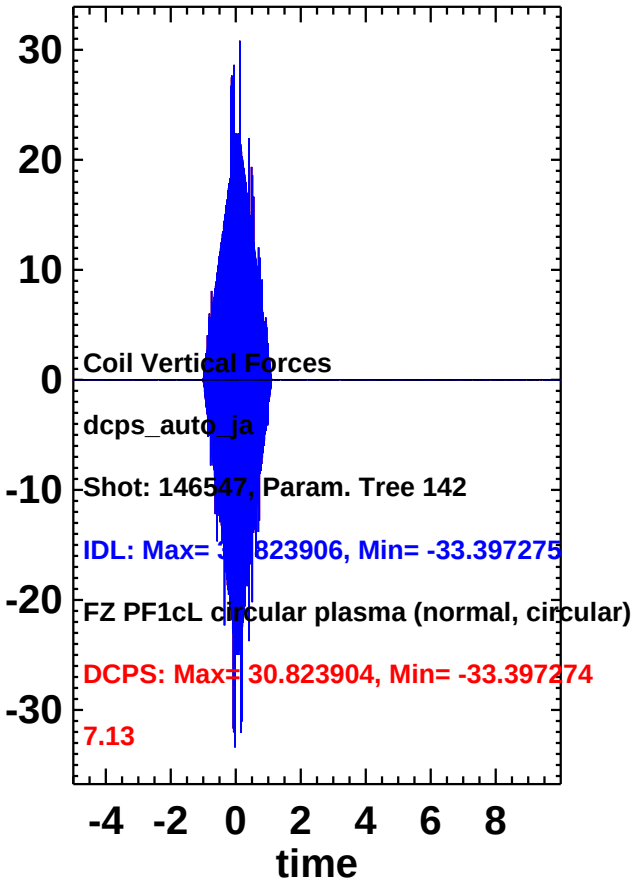

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 18.176796, Min= -17.971954
FZ PF3L circular plasma (post. dis., shaped.)
DCPS: Max= 18.176796, Min= -17.971953
10.11
10
0
-10
-4 -2 0 2 4 6 8
time

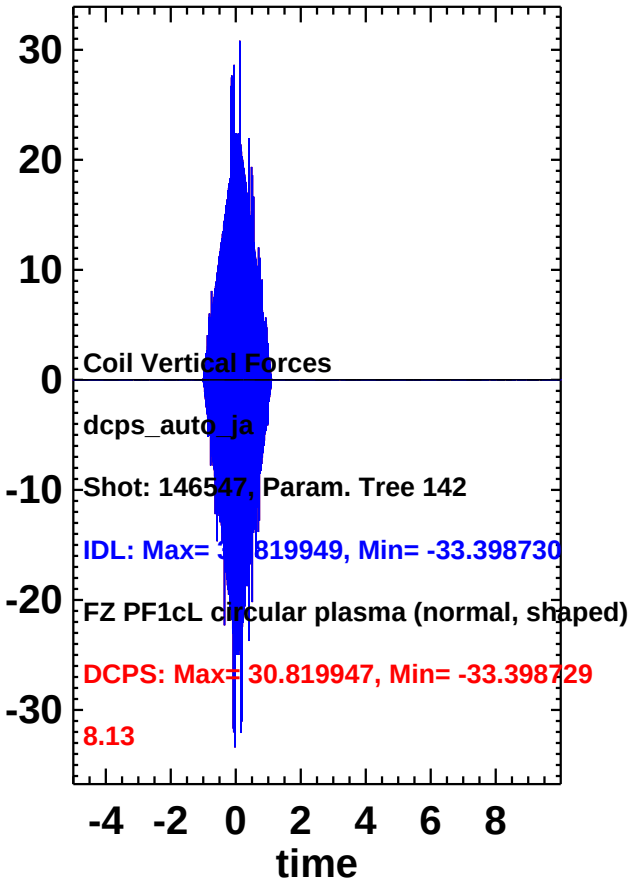

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 926755, Min= -38.762295
FZ PF2L circular plasma (normal, circular)
DCPS: Max= 41.926753, Min= -38.762296
7.12
40
20
0
-20
-40
-4 -2 0 2 4 6 8
time

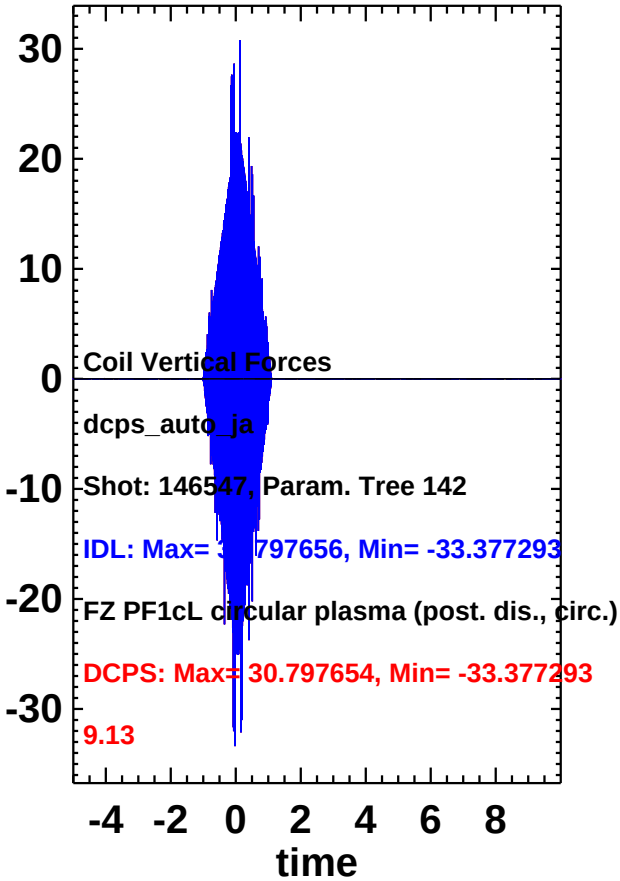

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 932442, Min= -38.758083
FZ PF2L circular plasma (normal, shaped)
DCPS: Max= 41.932440, Min= -38.758084
8.12
40
20
0
-20
-40
-4 -2 0 2 4 6 8
time

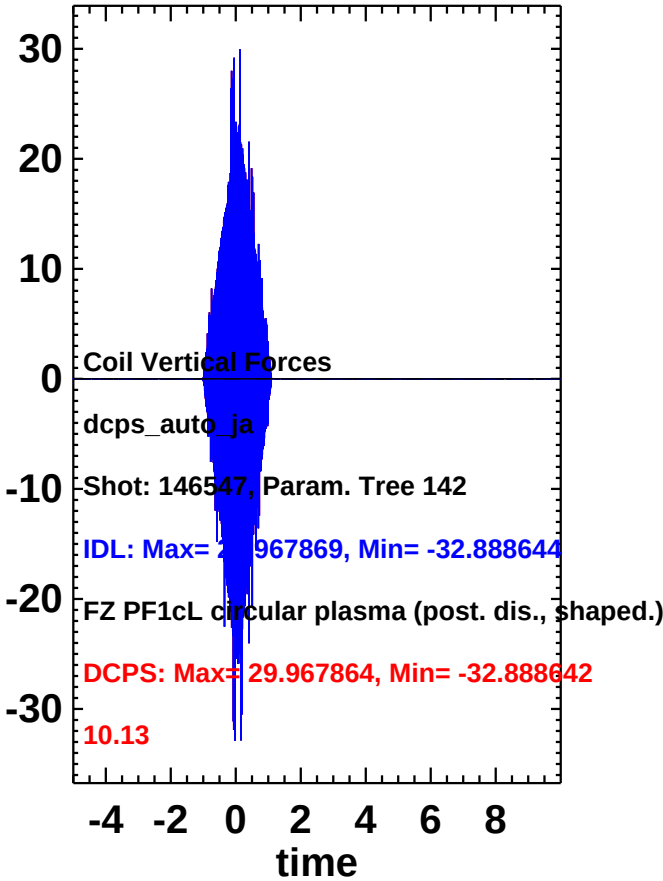

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 284677, Min= -39.275391
FZ PF2L circular plasma (post. dis., circ.)
DCPS: Max= 43.284675, Min= -39.275390
9.12
40
20
0
-20
-40
-4 -2 0 2 4 6 8
time

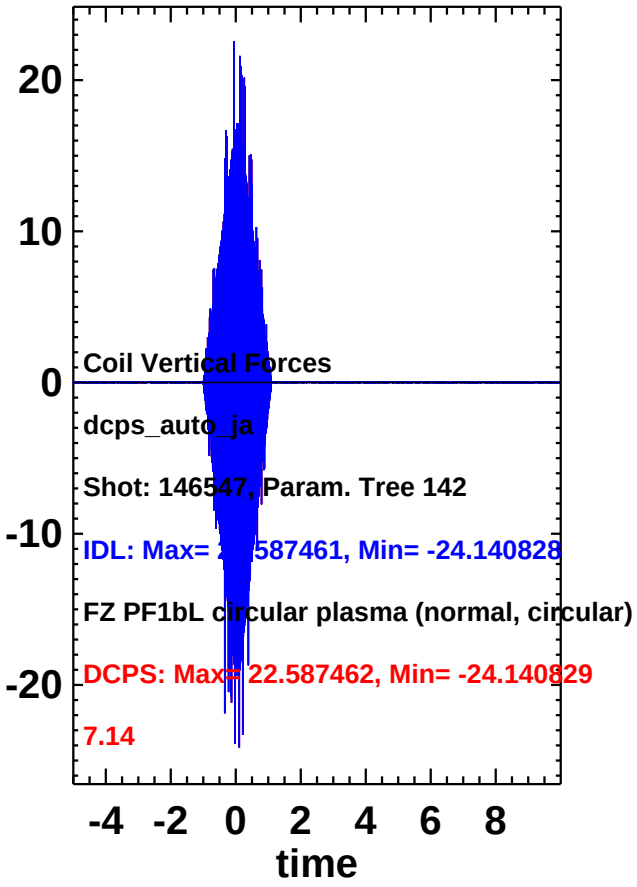

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 942736, Min= -39.894707
FZ PF2L circular plasma (post. dis., shaped.)
DCPS: Max= 44.942733, Min= -39.894706
10.12
40
20
0
-20
-40
-4 -2 0 2 4 6 8
time

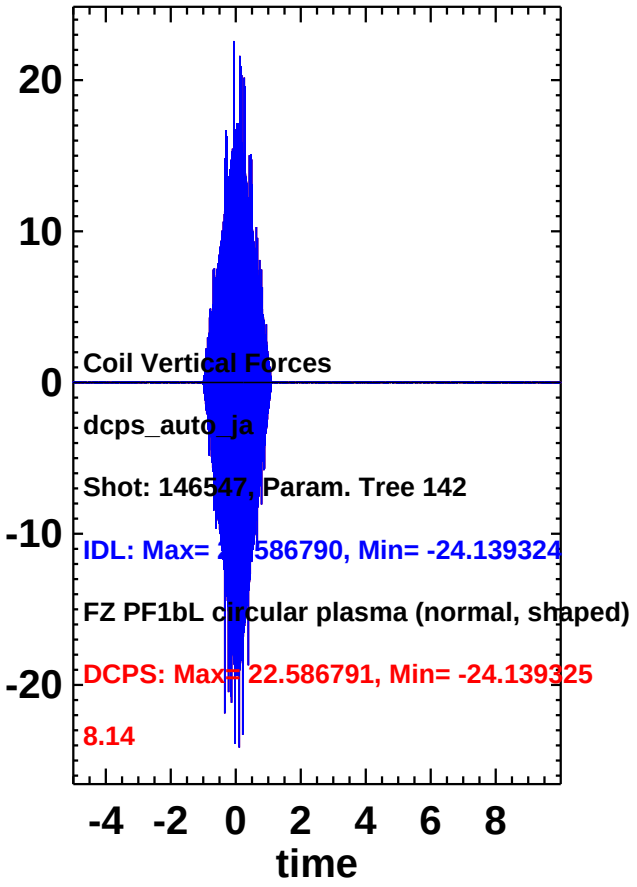

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 30.823906, Min= -33.397275
FZ PF1cL circular plasma (normal, circular)
DCPS: Max= 30.823904, Min= -33.397274
7.13
time

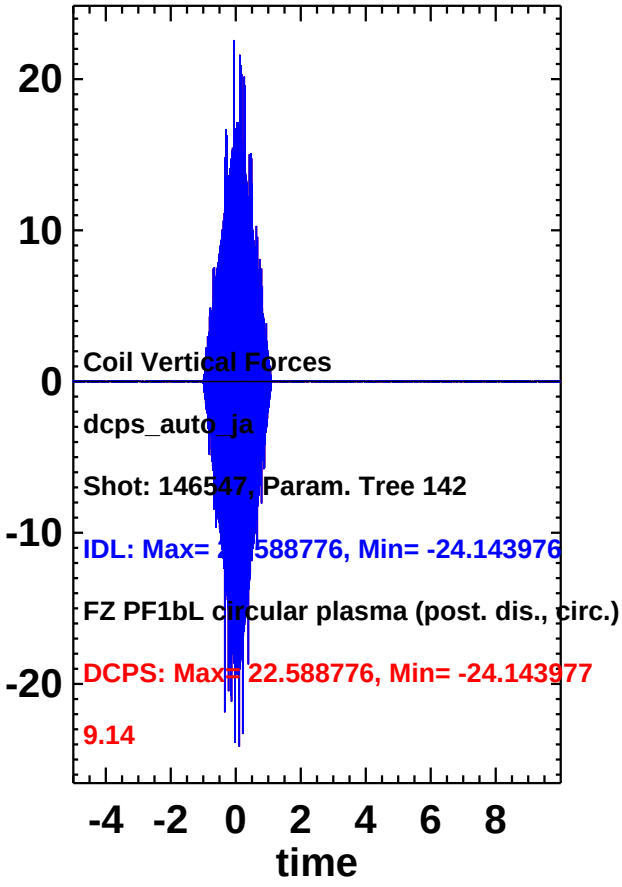

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 30.819949, Min= -33.398730
FZ PF1cL circular plasma (normal, shaped)
DCPS: Max= 30.819947, Min= -33.398729
8.13
time

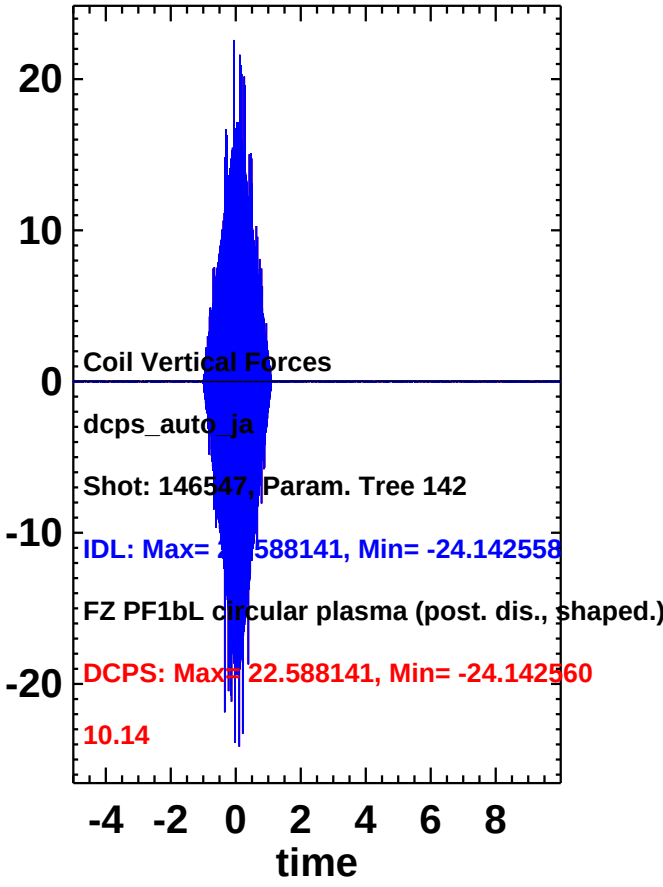

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 30.797656, Min= -33.377293
FZ PF1cL circular plasma (post. dis., circ.)
DCPS: Max= 30.797654, Min= -33.377293
9.13
time

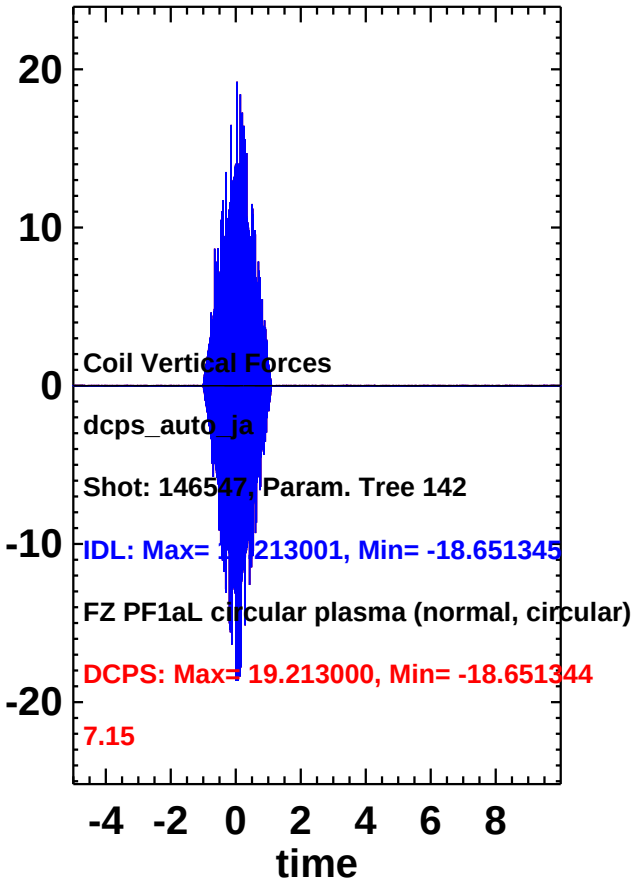

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 29.967869, Min= -32.888644
FZ PF1cL circular plasma (post. dis., shaped.)
DCPS: Max= 29.967864, Min= -32.888642
10.13
time

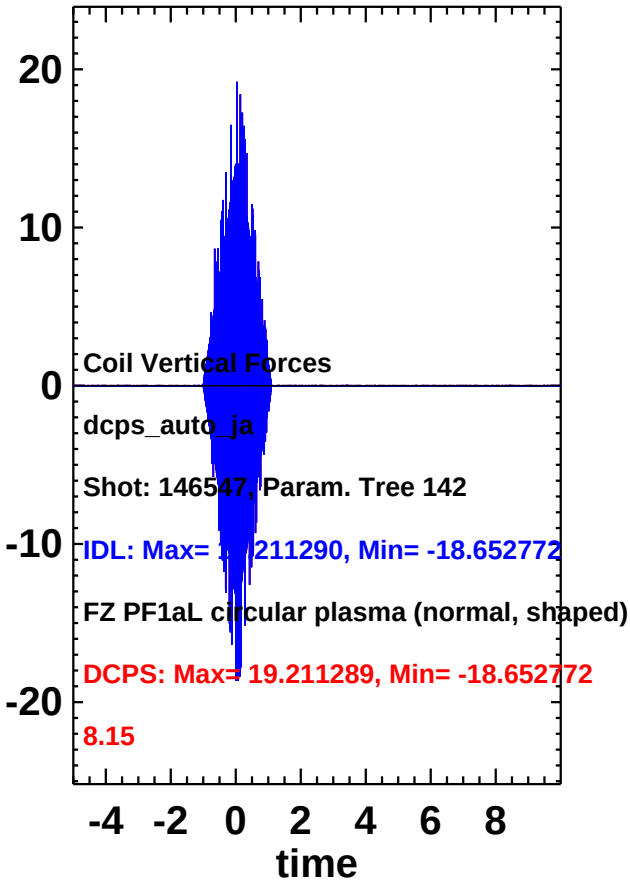

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 22.587461, Min= -24.140828
FZ PF1bL circular plasma (normal, circular)
DCPS: Max= 22.587462, Min= -24.140829
7.14
time

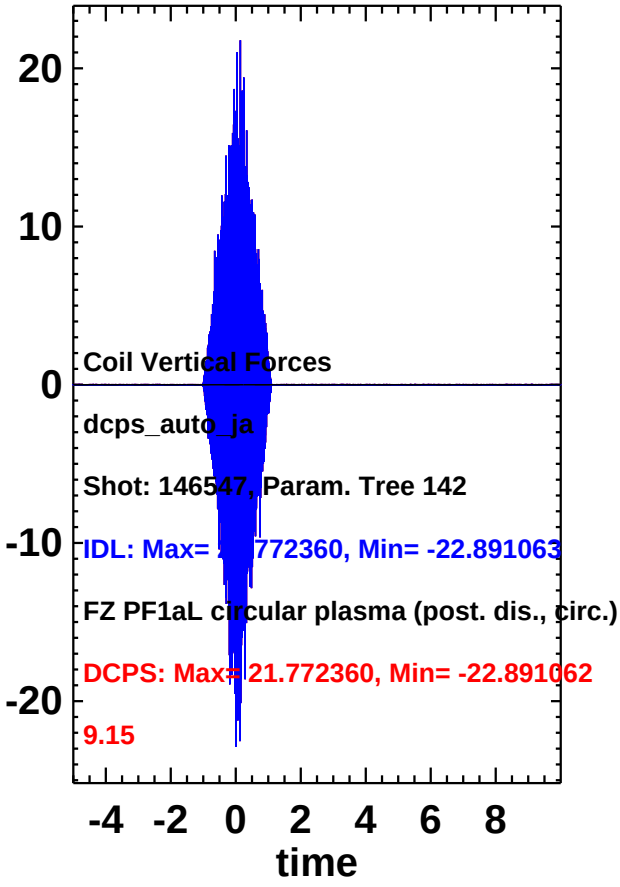

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 22.586790, Min= -24.139324
FZ PF1bL circular plasma (normal, shaped)
DCPS: Max= 22.586791, Min= -24.139325
8.14
time

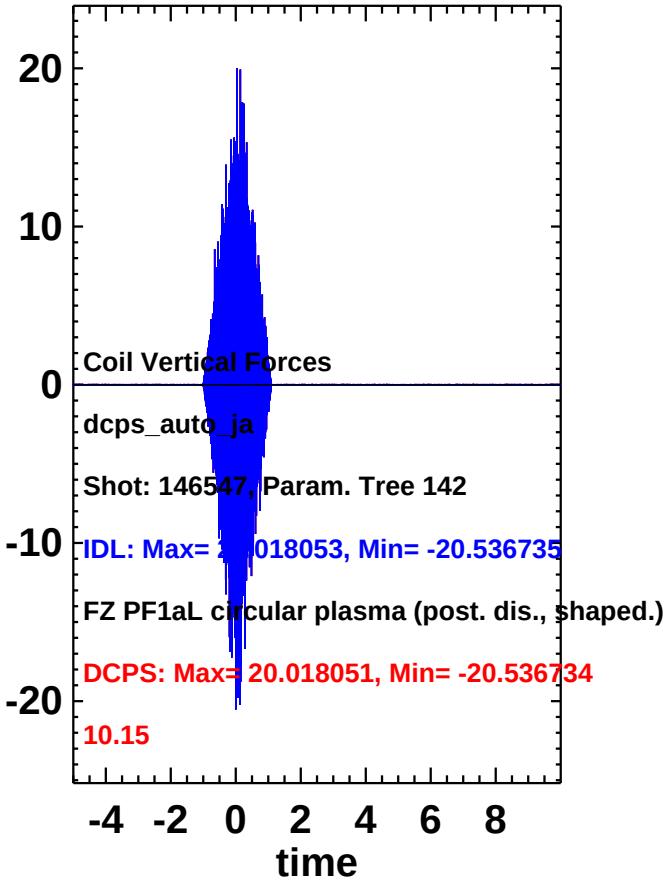

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 22.588776, Min= -24.143976
FZ PF1bL circular plasma (post. dis., circ.)
DCPS: Max= 22.588776, Min= -24.143977
9.14
time

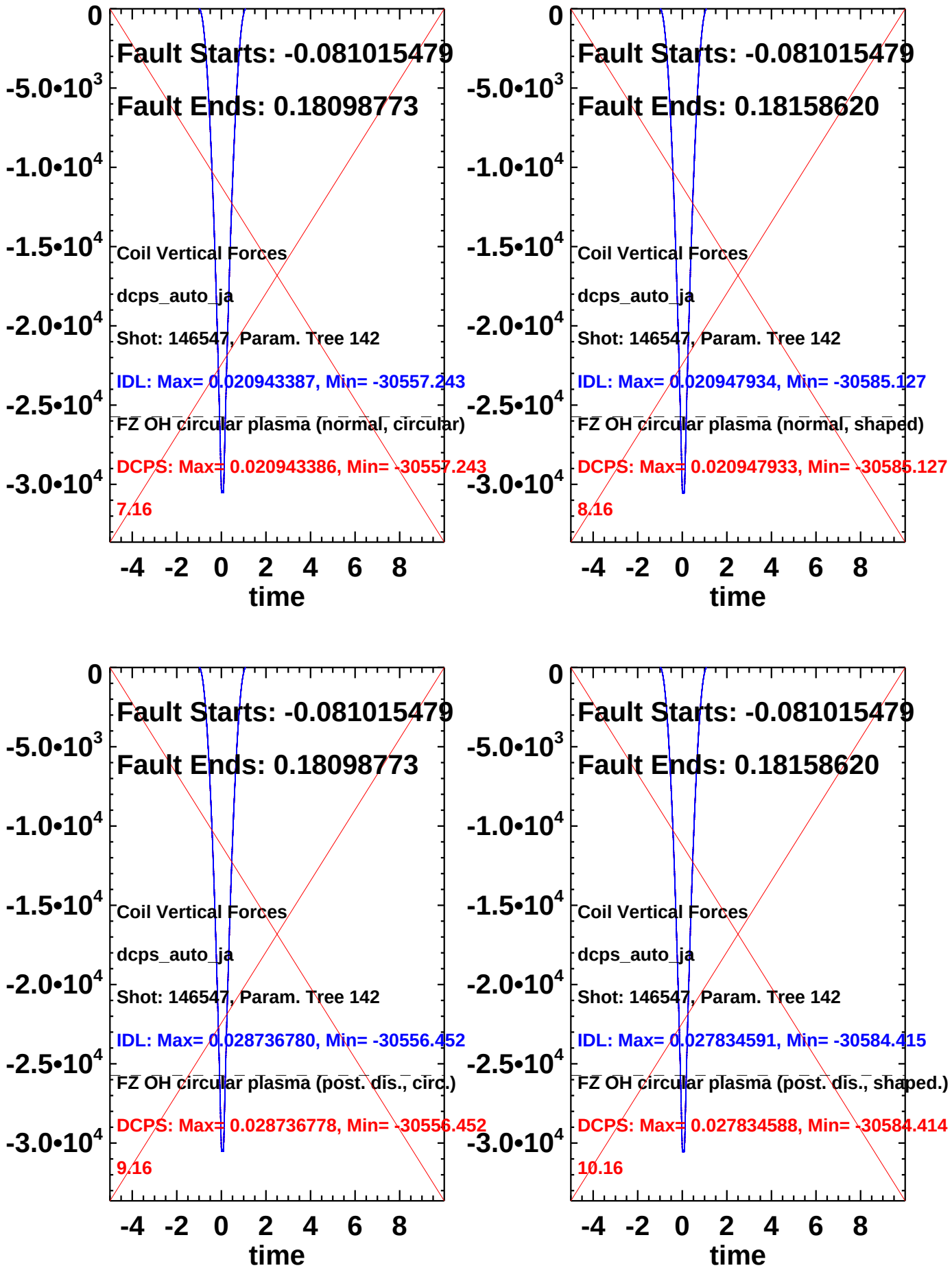

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 22.588141, Min= -24.142558
FZ PF1bL circular plasma (post. dis., shaped.)
DCPS: Max= 22.588141, Min= -24.142560
10.14
time

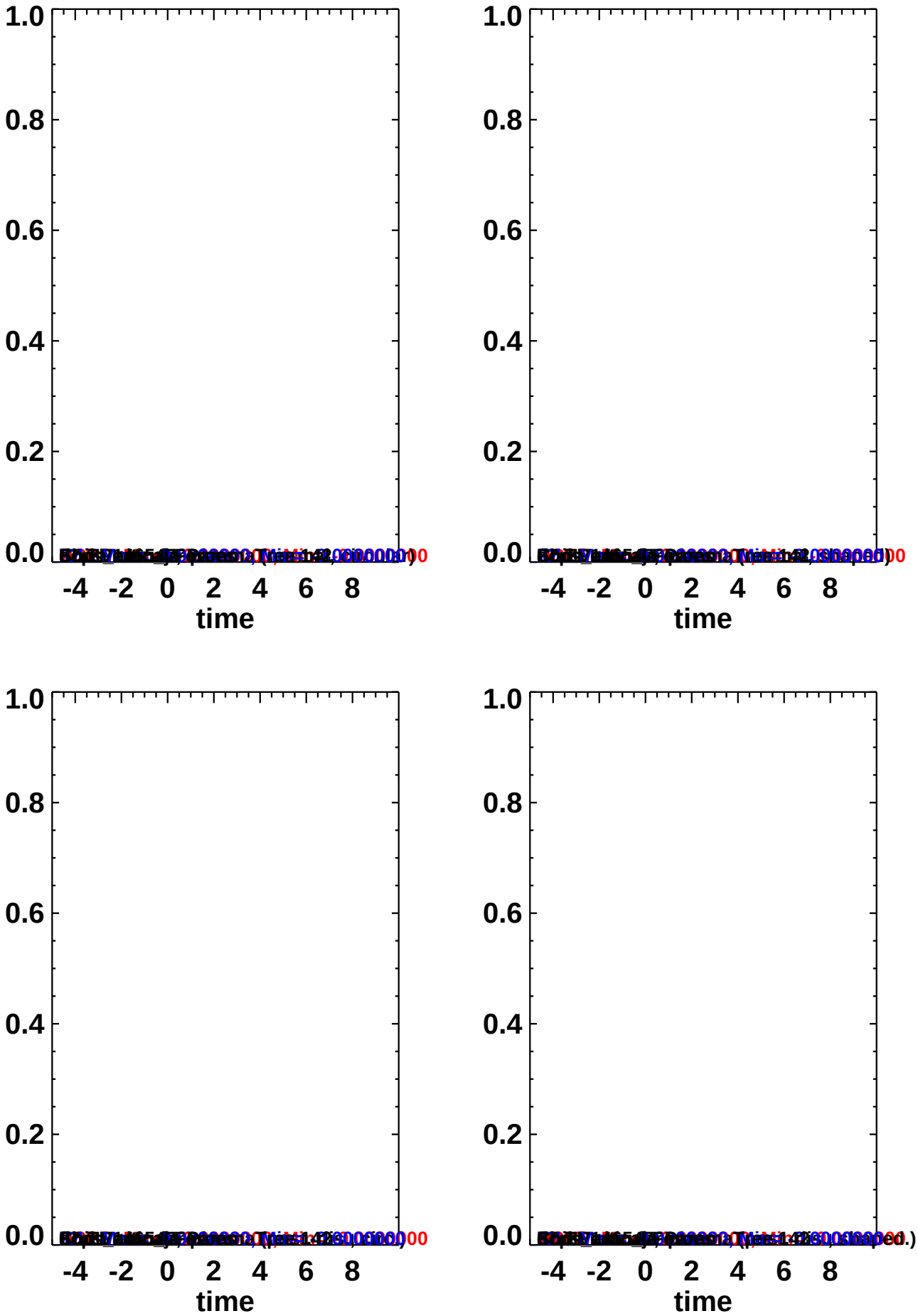

Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 19.213001, Min= -18.651345
FZ PF1aL circular plasma (normal, circular)
DCPS: Max= 19.213000, Min= -18.651344
7.15
time


Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 19.211290, Min= -18.652772
FZ PF1aL circular plasma (normal, shaped)
DCPS: Max= 19.211289, Min= -18.652772
8.15
time


Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 21.772360, Min= -22.891063
FZ PF1aL circular plasma (post. dis., circ.)
DCPS: Max= 21.772360, Min= -22.891062
9.15
time


Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 20.018053, Min= -20.536735
FZ PF1aL circular plasma (post. dis., shaped.)
DCPS: Max= 20.018051, Min= -20.536734
10.15
time


Fault Starts: -0.081015479
Fault Ends: 0.18098773
Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 0.020943387, Min= -30557.243
FZ OH circular plasma (normal, circular)
DCPS: Max= 0.020943386, Min= -30557.243
7.16
Fault Starts: -0.081015479
Fault Ends: 0.18158620
Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 0.020947934, Min= -30585.127
FZ OH circular plasma (normal, shaped)
DCPS: Max= 0.020947933, Min= -30585.127
8.16
Fault Starts: -0.081015479
Fault Ends: 0.18098773
Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 0.028736780, Min= -30556.452
FZ OH circular plasma (post. dis., circ.)
DCPS: Max= 0.028736778, Min= -30556.452
9.16
Fault Starts: -0.081015479
Fault Ends: 0.18158620
Coil Vertical Forces
dcps_auto_ja
Shot: 146547, Param. Tree 142
IDL: Max= 0.027834591, Min= -30584.415
FZ OH circular plasma (post. dis., shaped.)
DCPS: Max= 0.027834588, Min= -30584.414
10.16
0
-5.0•10^3
-1.0•10^4
-1.5•10^4
-2.0•10^4
-2.5•10^4
-3.0•10^4
-4 -2 0 2 4 6 8
time


1.0
0.8
0.6
0.4
0.2
0.0
-4 -2 0 2 4 6 8
time
1.0
0.8
0.6
0.4
0.2
0.0
-4 -2 0 2 4 6 8
time
1.0
0.8
0.6
0.4
0.2
0.0
-4 -2 0 2 4 6 8
time
1.0
0.8
0.6
0.4
0.2
0.0
-4 -2 0 2 4 6 8
time