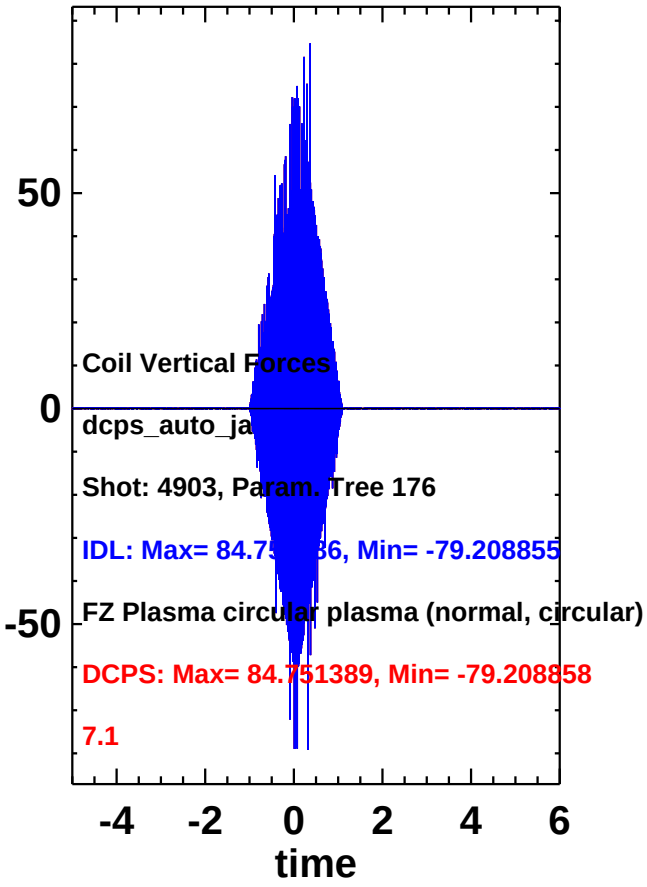
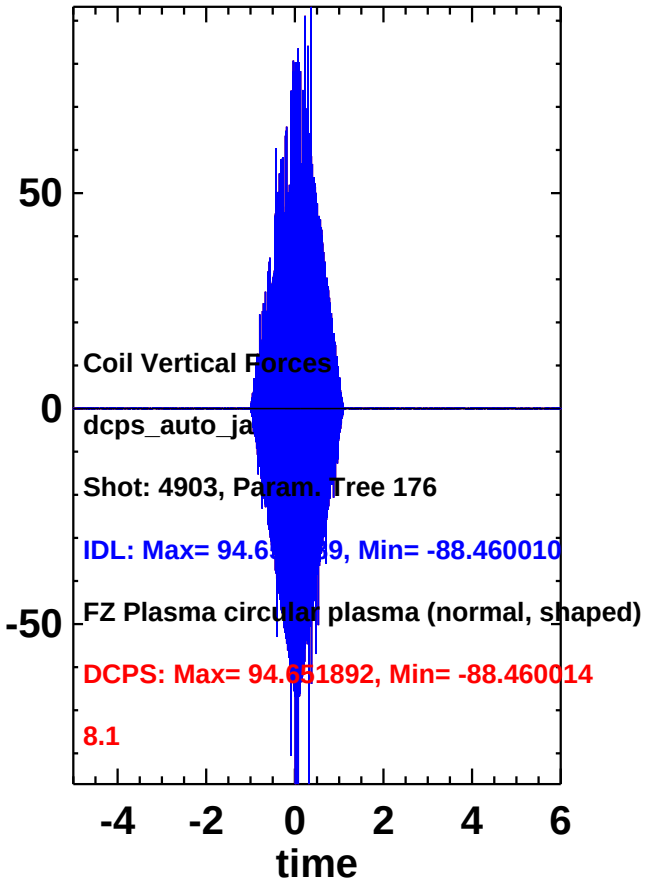
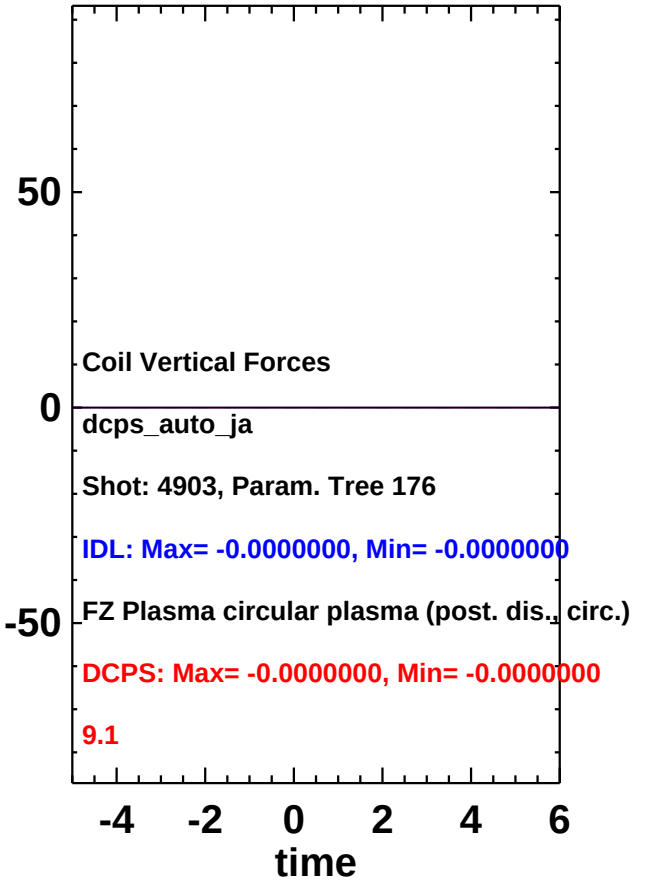
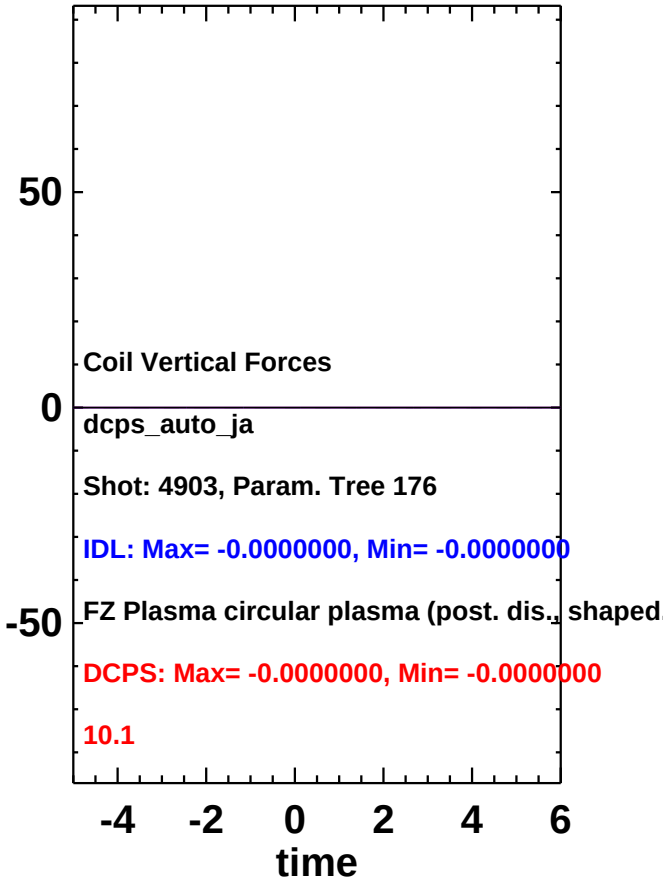
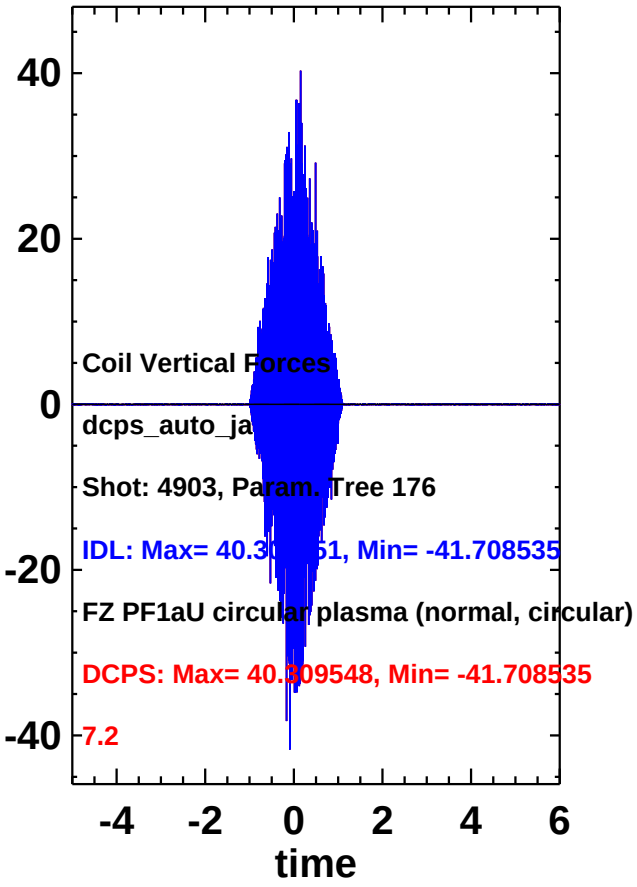
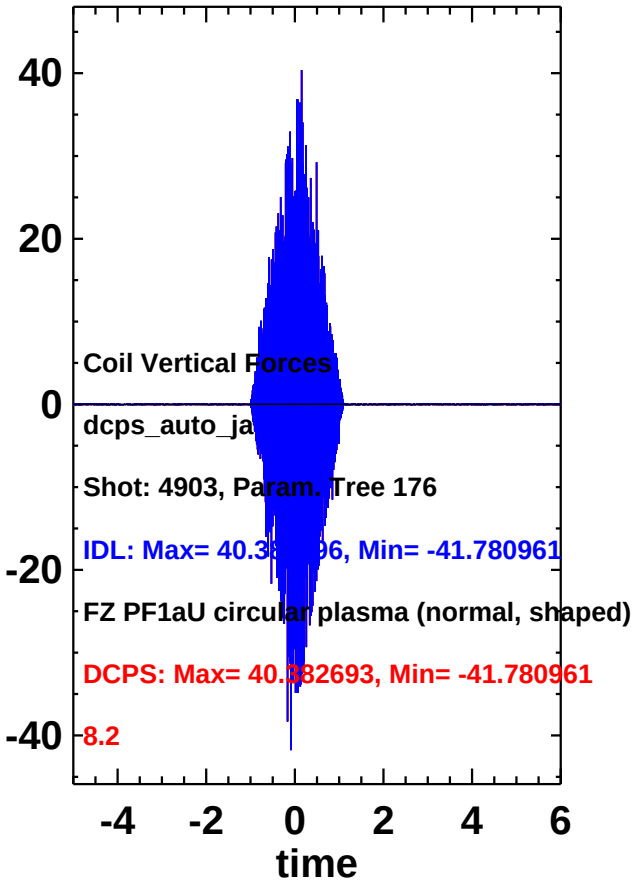

50
0
-50
Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 84.75
86, Min= -79.208855
FZ Plasma circular plasma (normal, circular)
DCPS: Max= 84.751389, Min= -79.208858
7.1
-4
-2
0
2
4
6
time

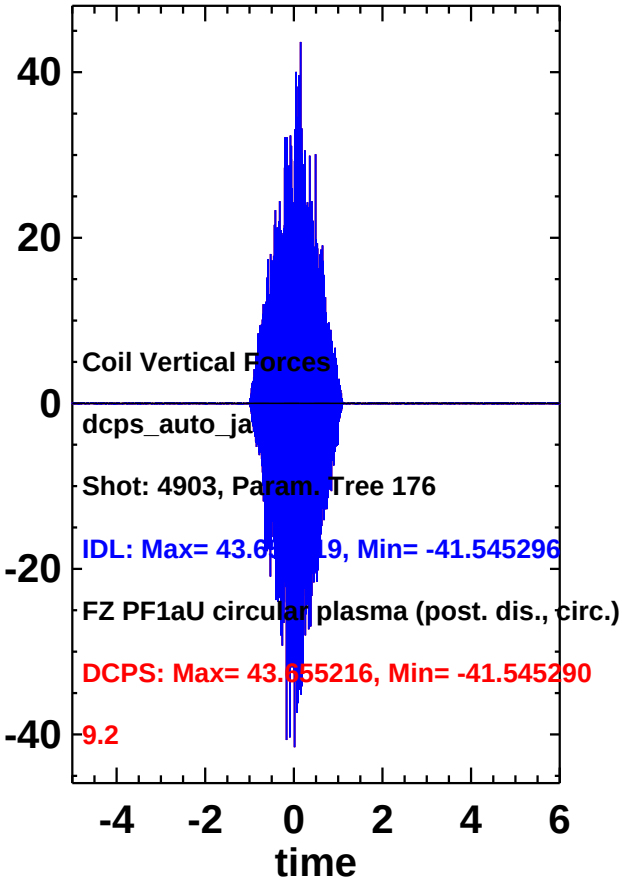

50
0
-50
Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 94.6
9, Min= -88.460010
FZ Plasma circular plasma (normal, shaped)
DCPS: Max= 94.661892, Min= -88.460014
8.1
-4
-2
0
2
4
6
time

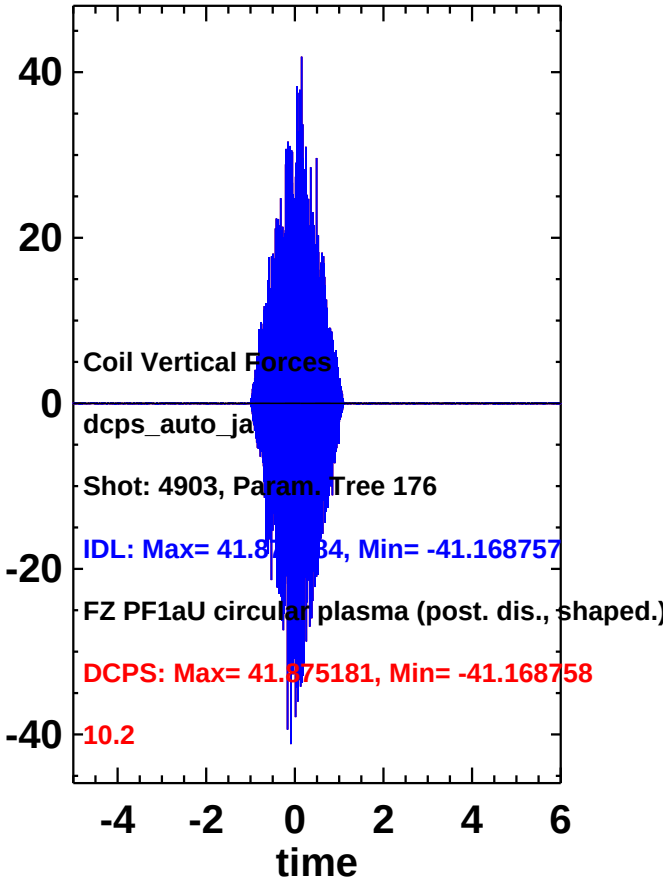

50
0
-50
Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= -0.0000000, Min= -0.0000000
FZ Plasma circular plasma (post. dis., circ.)
DCPS: Max= -0.0000000, Min= -0.0000000
9.1
-4
-2
0
2
4
6
time

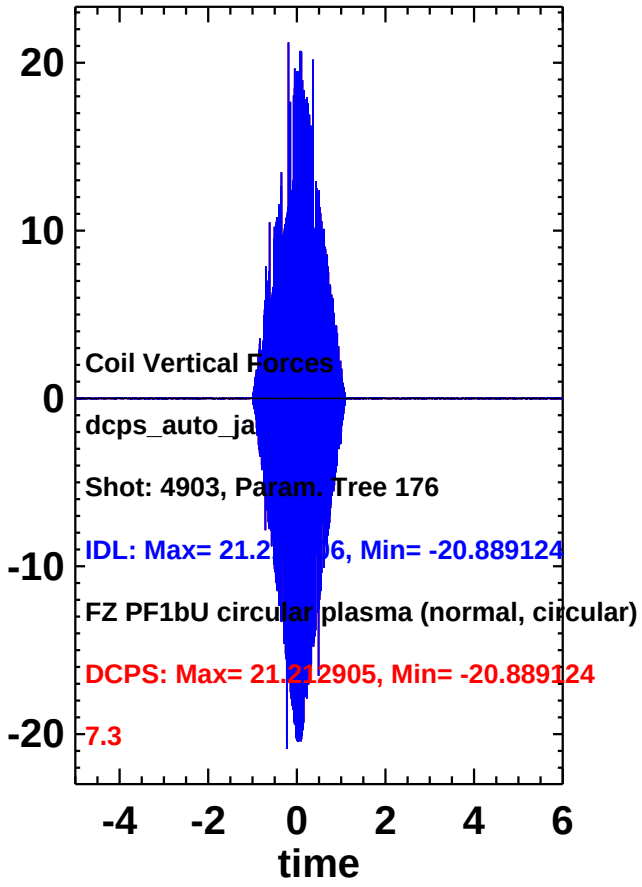

50
0
-50
Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= -0.0000000, Min= -0.0000000
FZ Plasma circular plasma (post. dis., shaped
DCPS: Max= -0.0000000, Min= -0.0000000
10.1
-4
-2
0
2
4
6
time

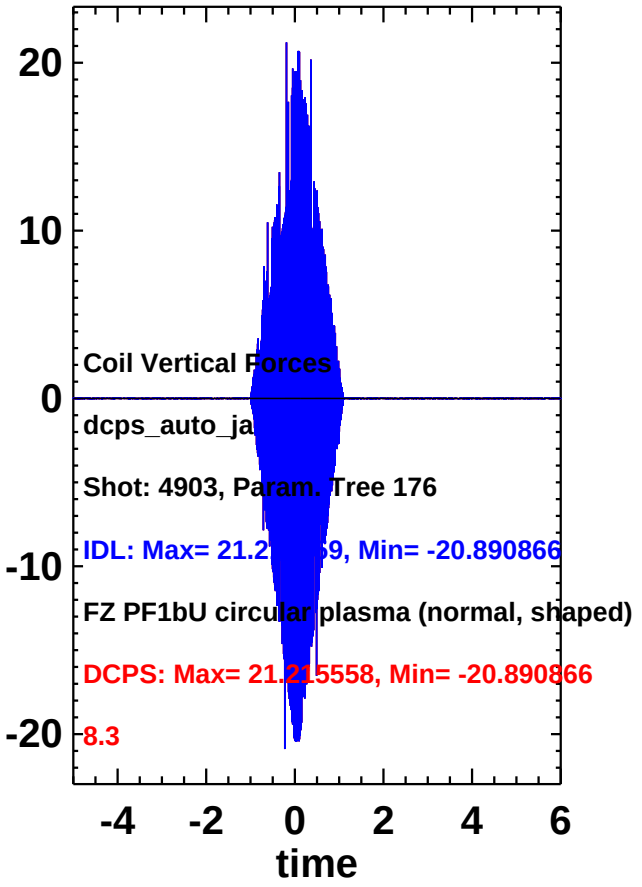

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 40.3 51, Min= -41.708535
FZ PF1aU circular plasma (normal, circular)
DCPS: Max= 40.309548, Min= -41.708535
7.2
40
20
0
-20
-40
-4
-2
0
2
4
6
time

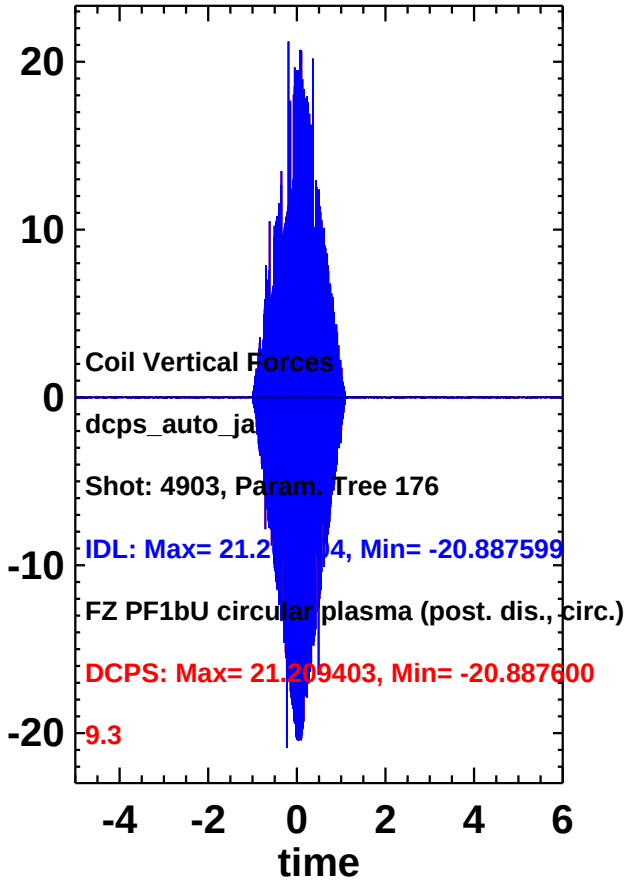

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 40.3 96, Min= -41.780961
FZ PF1aU circular plasma (normal, shaped)
DCPS: Max= 40.382693, Min= -41.780961
8.2
40
20
0
-20
-40
-4
-2
0
2
4
6
time

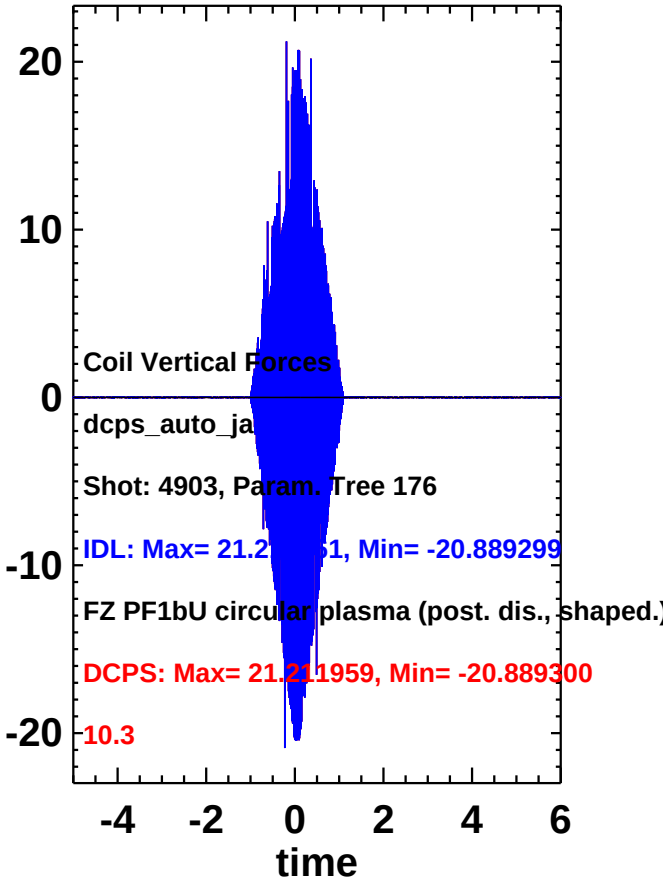

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 43.6 19, Min= -41.545296
FZ PF1aU circular plasma (post. dis., circ.)
DCPS: Max= 43.655216, Min= -41.545290
9.2
40
20
0
-20
-40
-4
-2
0
2
4
6
time

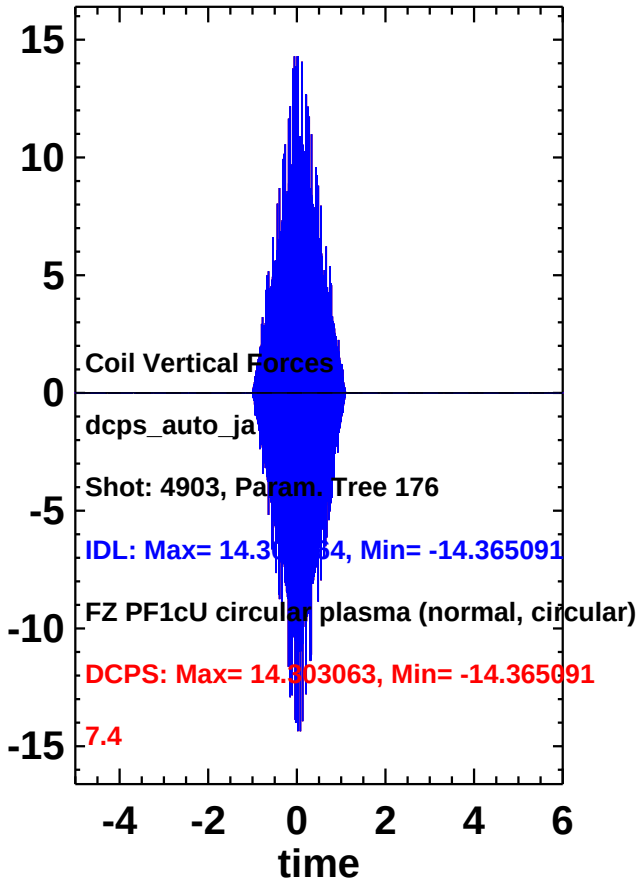

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 41.8 34, Min= -41.168757
FZ PF1aU circular plasma (post. dis., shaped.)
DCPS: Max= 41.875181, Min= -41.168758
10.2
40
20
0
-20
-40
-4
-2
0
2
4
6
time

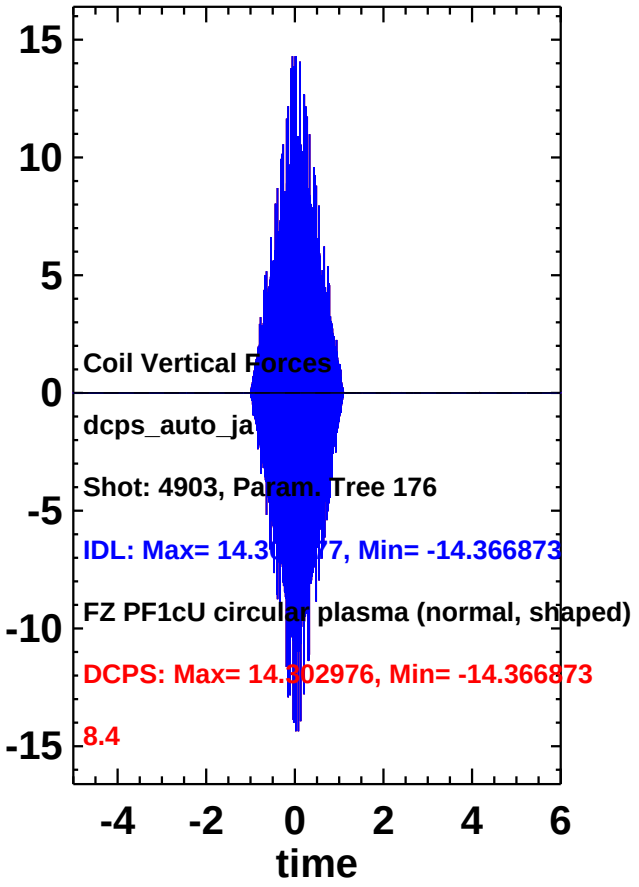

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 21.2 6, Min= -20.889124
FZ PF1bU circular plasma (normal, circular)
DCPS: Max= 21.212905, Min= -20.889124
7.3
20
10
0
-10
-20
-4
-2
0
2
4
6
time

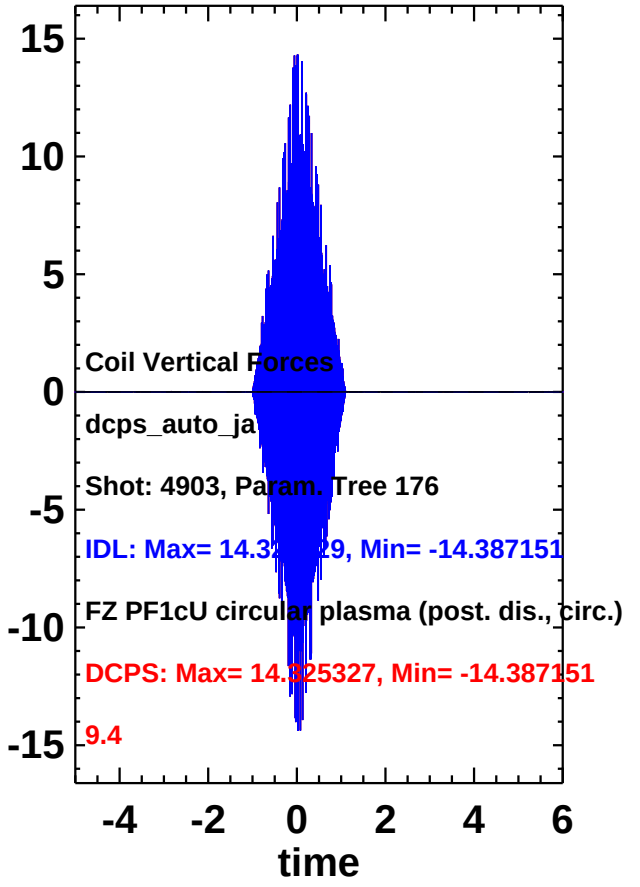

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 21.2 9, Min= -20.890866
FZ PF1bU circular plasma (normal, shaped)
DCPS: Max= 21.215558, Min= -20.890866
8.3
20
10
0
-10
-20
-4
-2
0
2
4
6
time

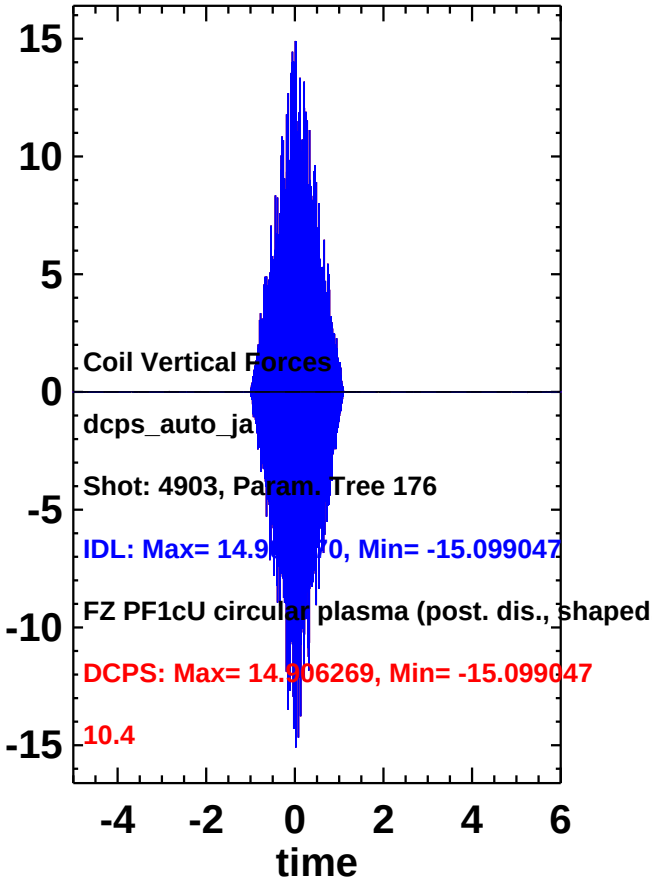

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 21.2 4, Min= -20.887599
FZ PF1bU circular plasma (post. dis., circ.)
DCPS: Max= 21.209403, Min= -20.887600
9.3
20
10
0
-10
-20
-4
-2
0
2
4
6
time

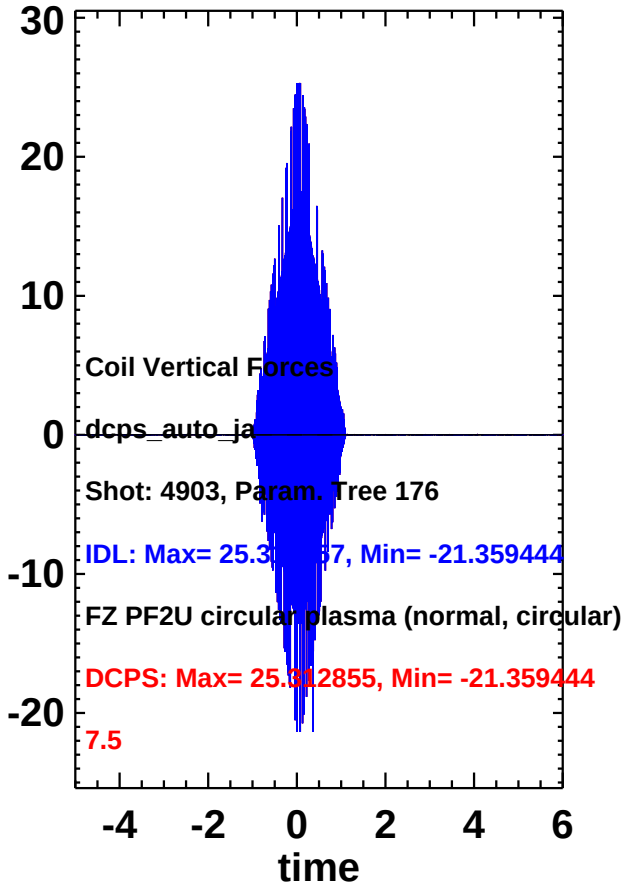

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 21.2 1, Min= -20.889299
FZ PF1bU circular plasma (post. dis., shaped.)
DCPS: Max= 21.211959, Min= -20.889300
10.3
20
10
0
-10
-20
-4
-2
0
2
4
6
time

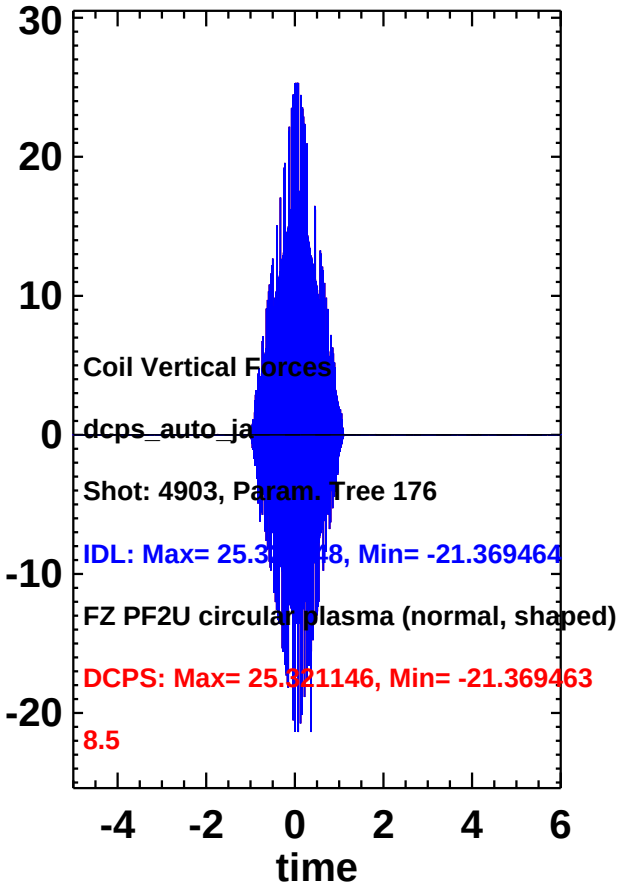

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 14.3
4, Min= -14.365091
FZ PF1cU circular plasma (normal, circular)
DCPS: Max= 14.303063, Min= -14.365091
7.4
15
10
5
0
-5
-10
-15
-4
-2
0
2
4
6
time

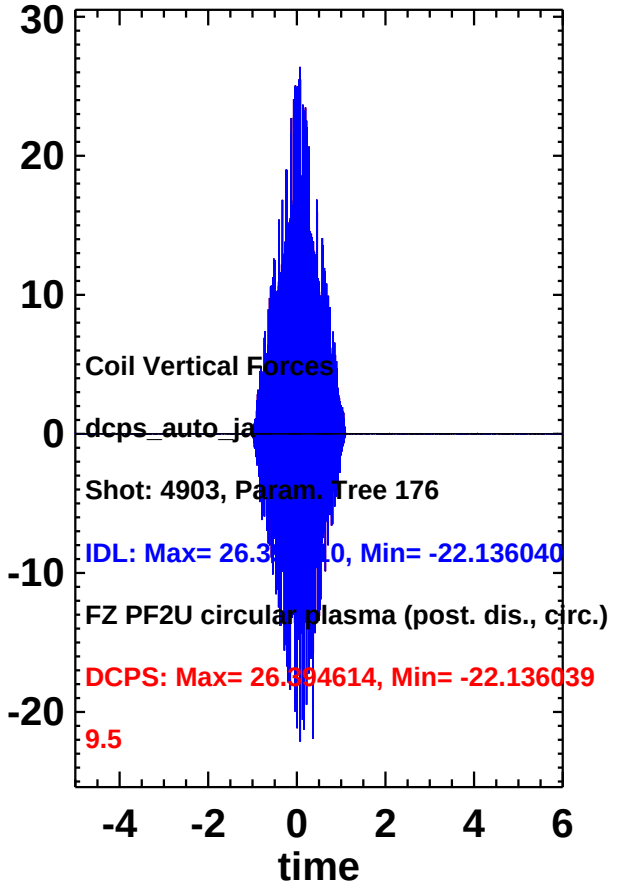

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 14.3
7, Min= -14.366873
FZ PF1cU circular plasma (normal, shaped)
DCPS: Max= 14.302976, Min= -14.366873
8.4
15
10
5
0
-5
-10
-15
-4
-2
0
2
4
6
time

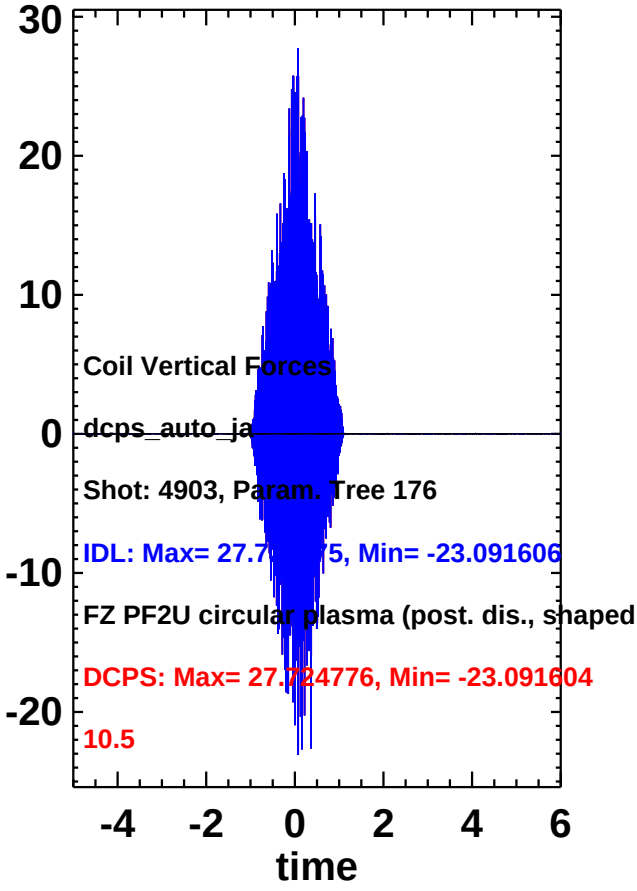

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 14.3
29, Min= -14.387151
FZ PF1cU circular plasma (post. dis., circ.)
DCPS: Max= 14.325327, Min= -14.387151
9.4
15
10
5
0
-5
-10
-15
-4
-2
0
2
4
6
time

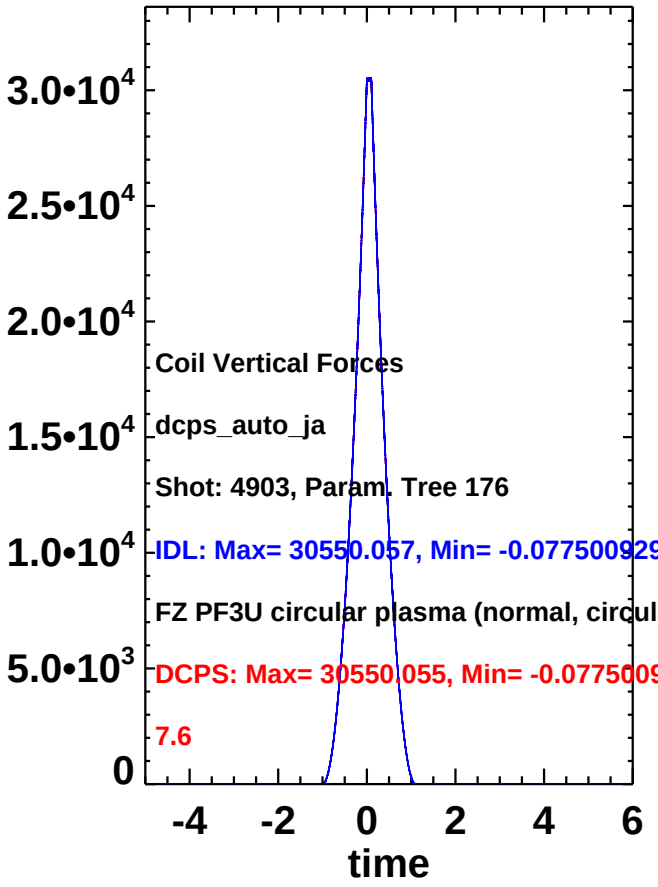

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 14.9
0, Min= -15.099047
FZ PF1cU circular plasma (post. dis., shaped.)
DCPS: Max= 14.906269, Min= -15.099047
10.4
15
10
5
0
-5
-10
-15
-4
-2
0
2
4
6
time

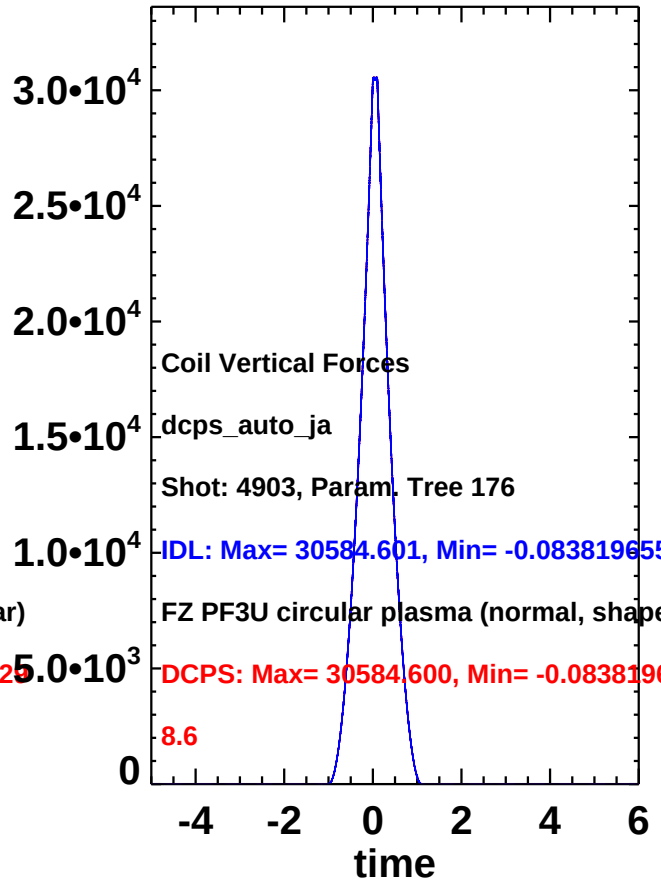

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 25.3 7, Min= -21.359444
FZ PF2U circular plasma (normal, circular)
DCPS: Max= 25.3 2855, Min= -21.359444
7.5
time

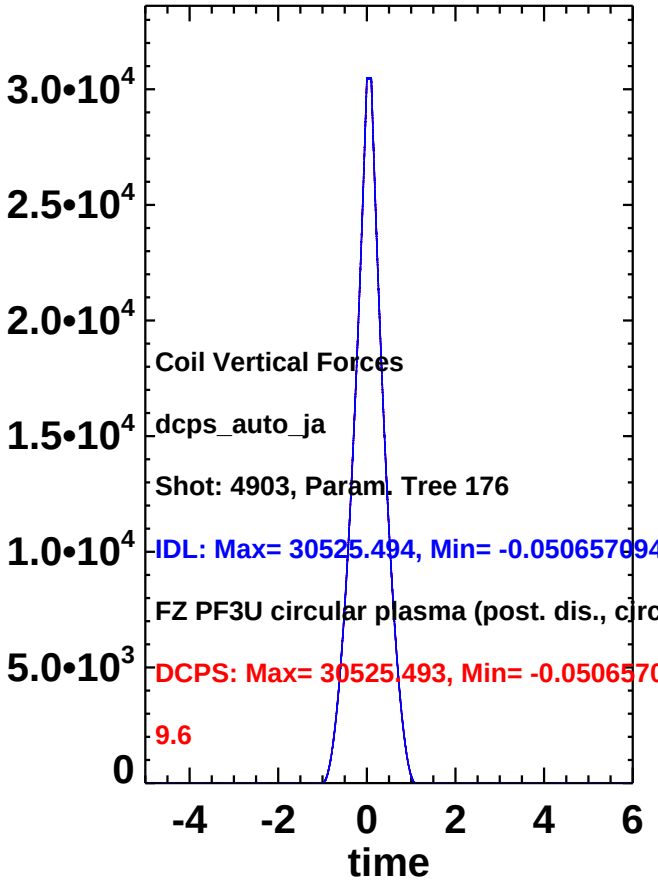

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 25.3 8, Min= -21.369464
FZ PF2U circular plasma (normal, shaped)
DCPS: Max= 25.3 1146, Min= -21.369463
8.5
time

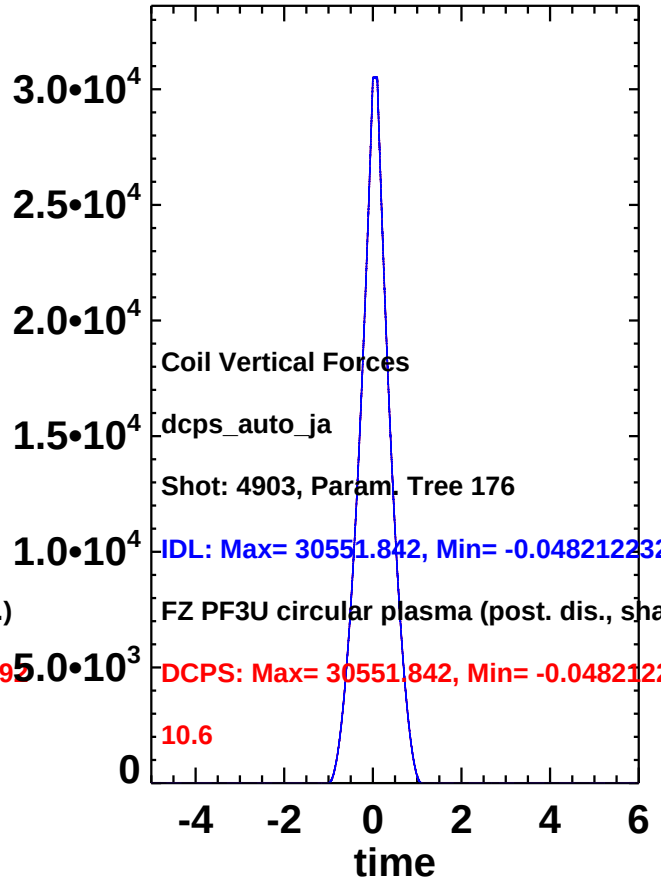

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 26.3 0, Min= -22.136040
FZ PF2U circular plasma (post. dis., circ.)
DCPS: Max= 26.3 4614, Min= -22.136039
9.5
time

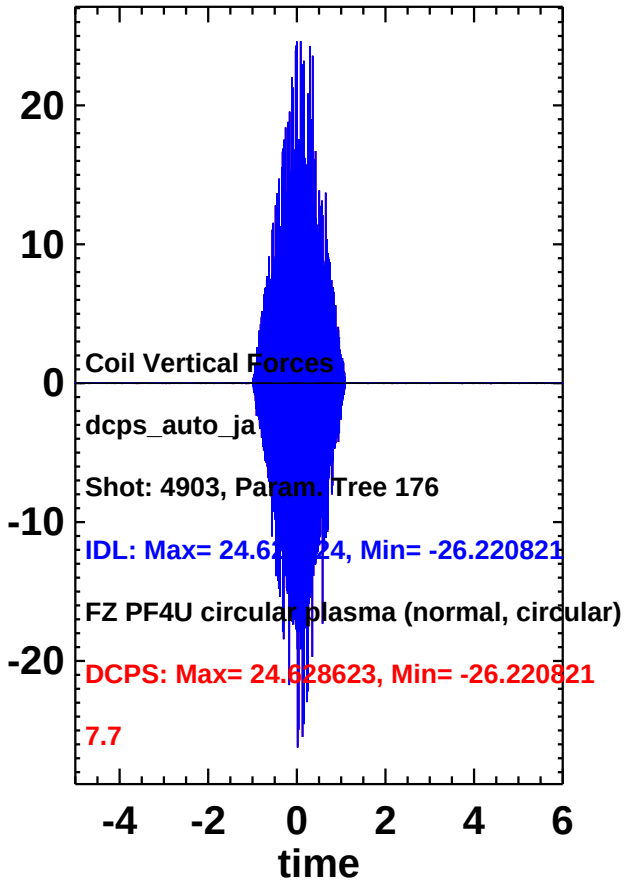

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 27.7 5, Min= -23.091606
FZ PF2U circular plasma (post. dis., shaped.)
DCPS: Max= 27.7 4776, Min= -23.091604
10.5
time

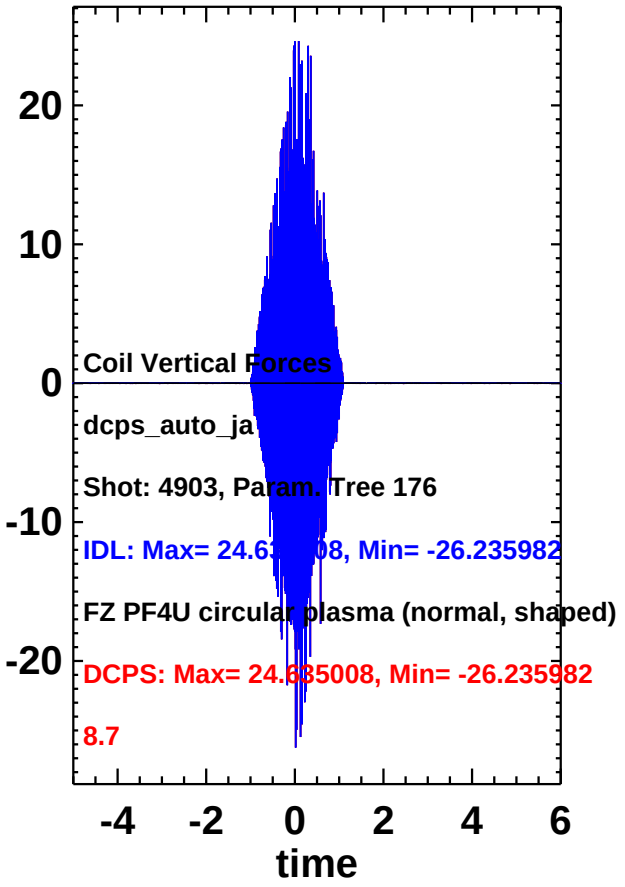

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 30550.057, Min= -0.077500929
FZ PF3U circular plasma (normal, circular)
DCPS: Max= 30550.055, Min= -0.077500929
7.6
3.0•10^4
2.5•10^4
2.0•10^4
1.5•10^4
1.0•10^4
5.0•10^3
0
-4
-2
0
2
4
6
time

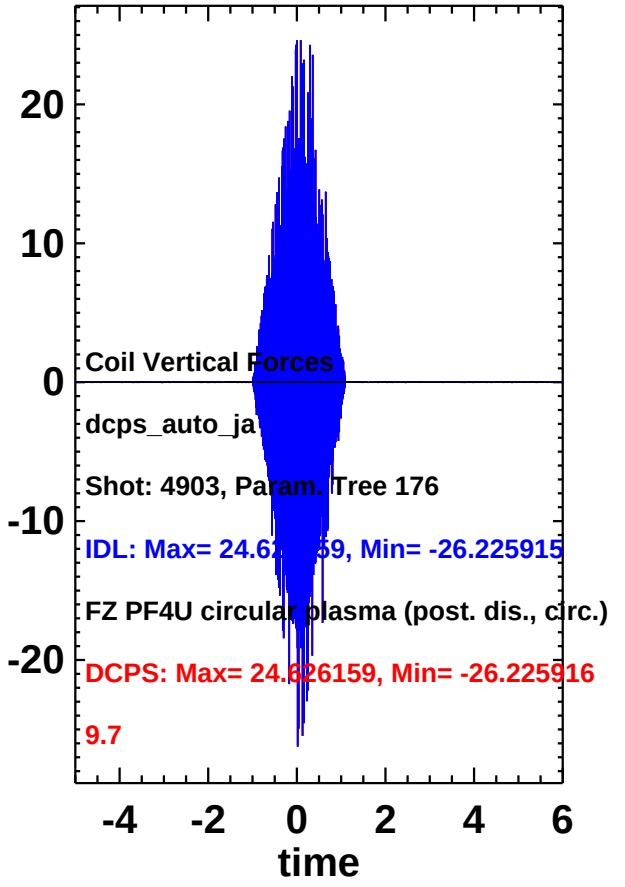

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 30584.601, Min= -0.083819655
FZ PF3U circular plasma (normal, shaped)
DCPS: Max= 30584.600, Min= -0.083819655
8.6
3.0•10^4
2.5•10^4
2.0•10^4
1.5•10^4
1.0•10^4
5.0•10^3
0
-4
-2
0
2
4
6
time

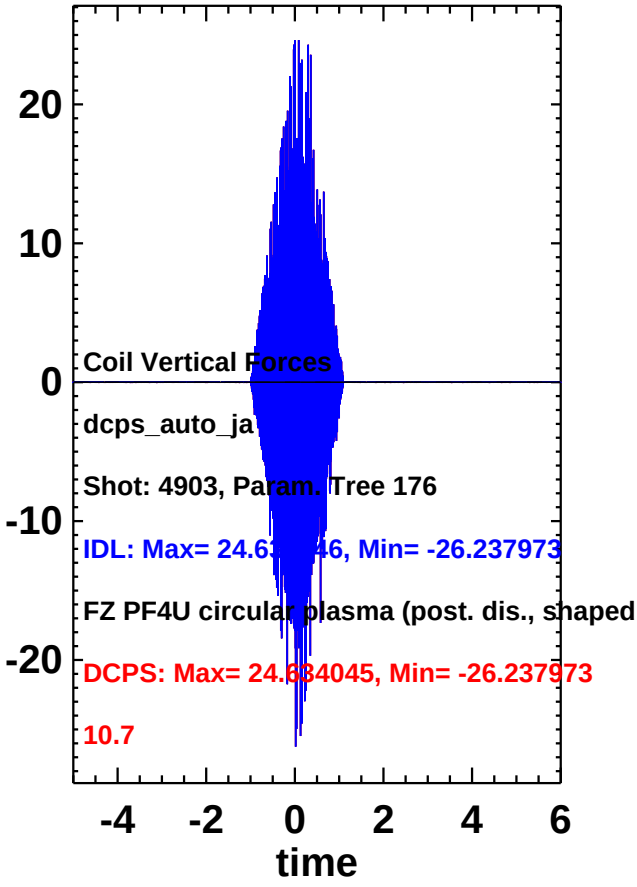

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 30525.494, Min= -0.050657094
FZ PF3U circular plasma (post. dis., circ.)
DCPS: Max= 30525.493, Min= -0.050657094
9.6
3.0•10^4
2.5•10^4
2.0•10^4
1.5•10^4
1.0•10^4
5.0•10^3
0
-4
-2
0
2
4
6
time

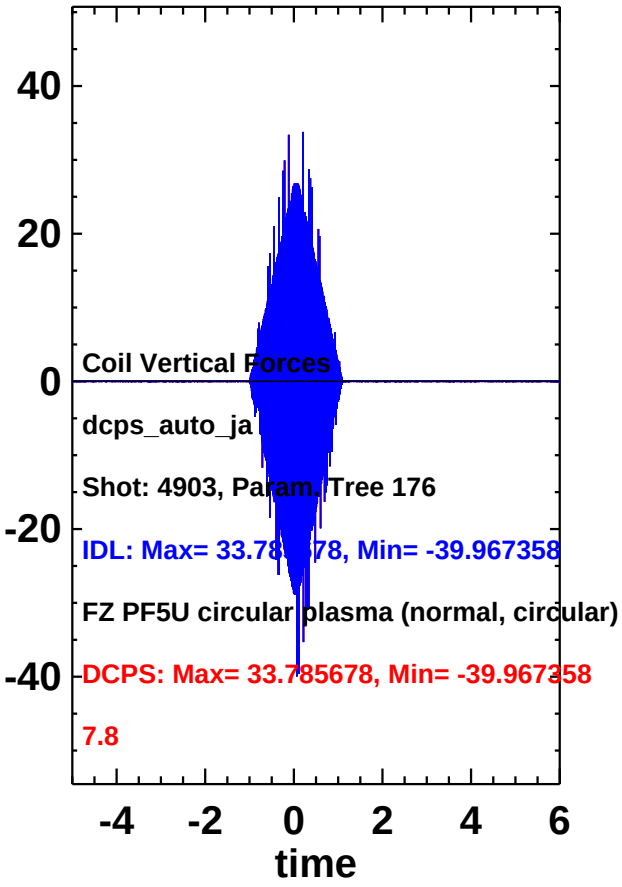

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 30551.842, Min= -0.048212232
FZ PF3U circular plasma (post. dis., shaped.)
DCPS: Max= 30551.842, Min= -0.048212232
10.6
3.0•10^4
2.5•10^4
2.0•10^4
1.5•10^4
1.0•10^4
5.0•10^3
0
-4
-2
0
2
4
6
time

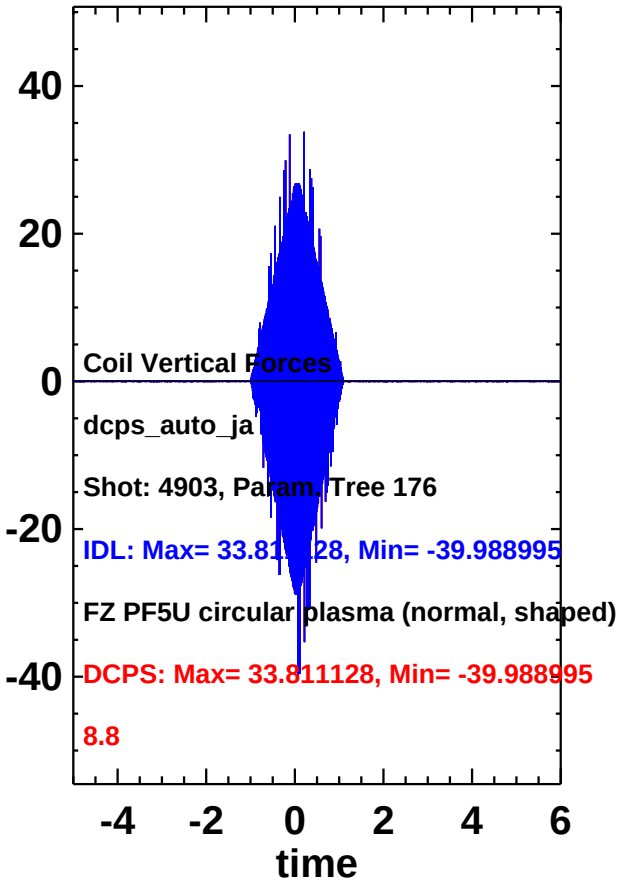

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 24.62
24, Min= -26.220821
FZ PF4U circular plasma (normal, circular)
DCPS: Max= 24.628623, Min= -26.220821
7.7
20
10
0
-10
-20
-4
-2
0
2
4
6
time

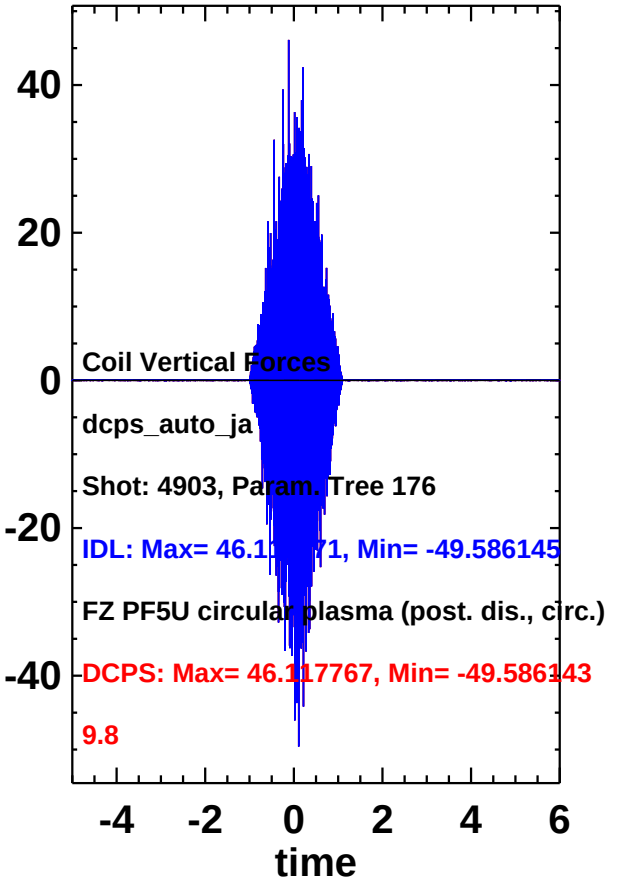

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 24.63
8, Min= -26.235982
FZ PF4U circular plasma (normal, shaped)
DCPS: Max= 24.635008, Min= -26.235982
8.7
20
10
0
-10
-20
-4
-2
0
2
4
6
time

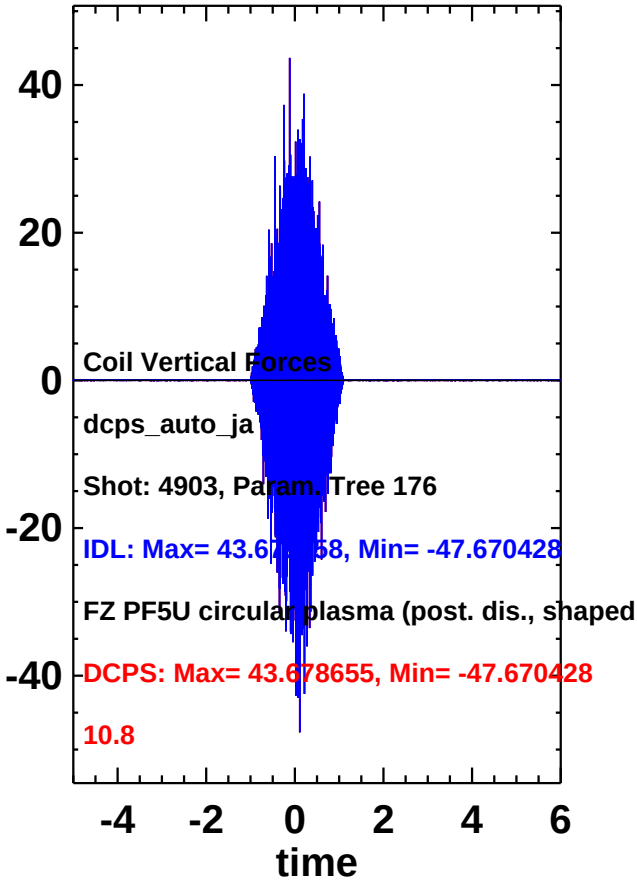

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 24.62
59, Min= -26.225915
FZ PF4U circular plasma (post. dis., circ.)
DCPS: Max= 24.626159, Min= -26.225916
9.7
20
10
0
-10
-20
-4
-2
0
2
4
6
time

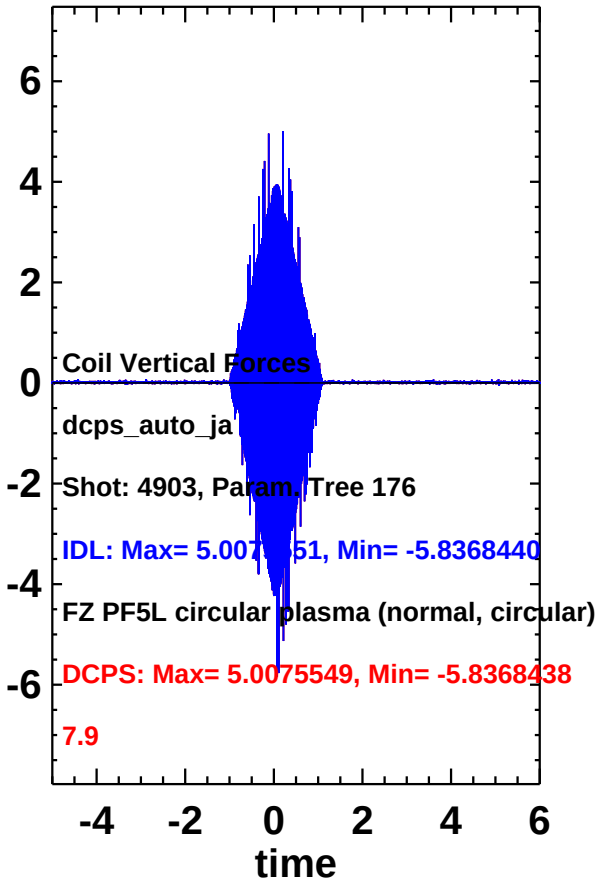

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 24.63
46, Min= -26.237973
FZ PF4U circular plasma (post. dis., shaped.)
DCPS: Max= 24.634045, Min= -26.237973
10.7
20
10
0
-10
-20
-4
-2
0
2
4
6
time

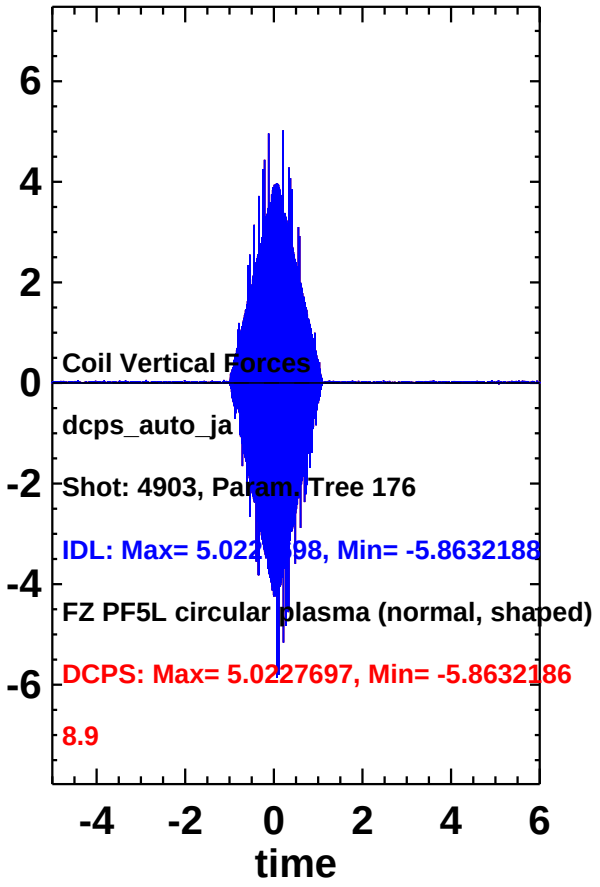

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 33.78
78, Min= -39.967358
FZ PF5U circular plasma (normal, circular)
DCPS: Max= 33.785678, Min= -39.967358
7.8
40
20
0
-20
-40
-4
-2
0
2
4
6
time

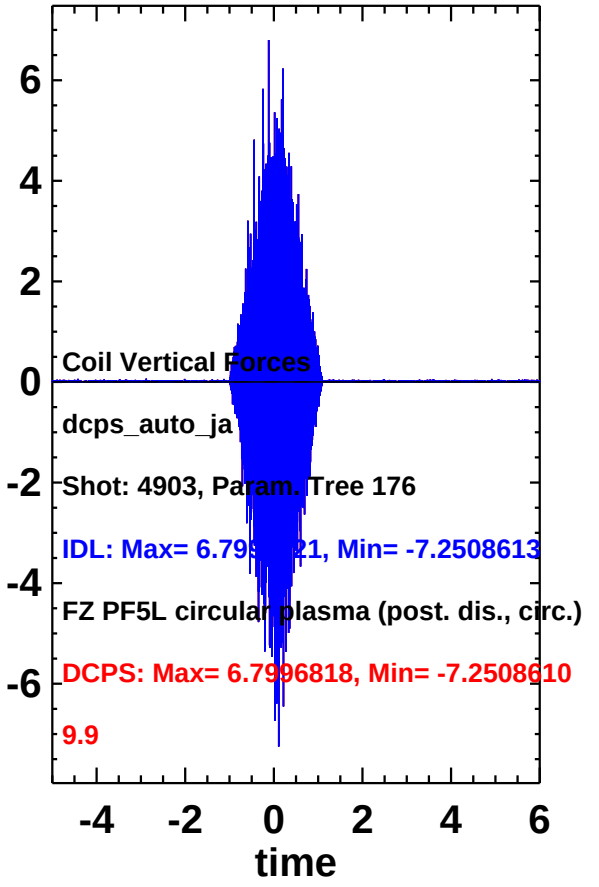

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 33.81
28, Min= -39.988995
FZ PF5U circular plasma (normal, shaped)
DCPS: Max= 33.811128, Min= -39.988995
8.8
40
20
0
-20
-40
-4
-2
0
2
4
6
time

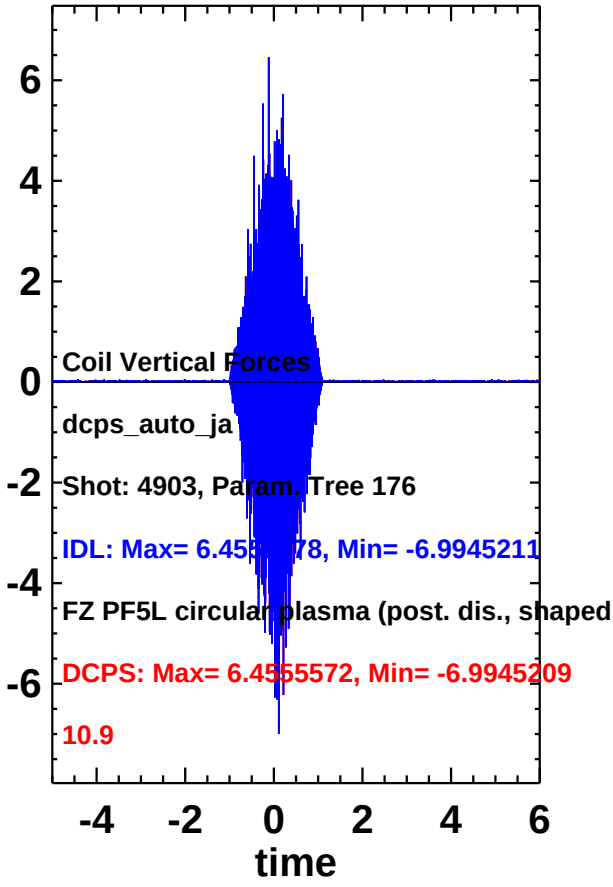

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 46.1
71, Min= -49.586145
FZ PF5U circular plasma (post. dis., circ.)
DCPS: Max= 46.117767, Min= -49.586143
9.8
40
20
0
-20
-40
-4
-2
0
2
4
6
time

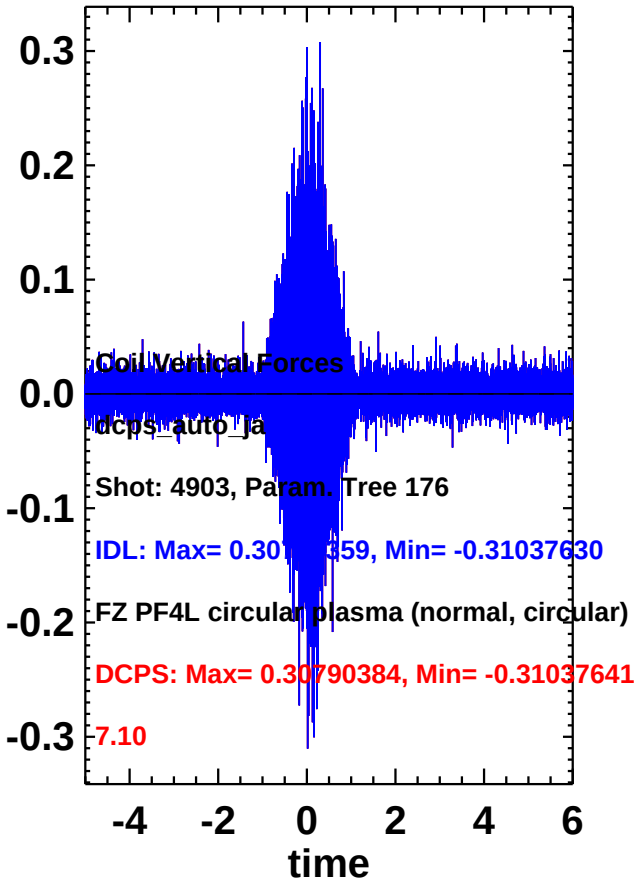

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 43.6
58, Min= -47.670428
FZ PF5U circular plasma (post. dis., shaped.)
DCPS: Max= 43.678655, Min= -47.670428
10.8
40
20
0
-20
-40
-4
-2
0
2
4
6
time

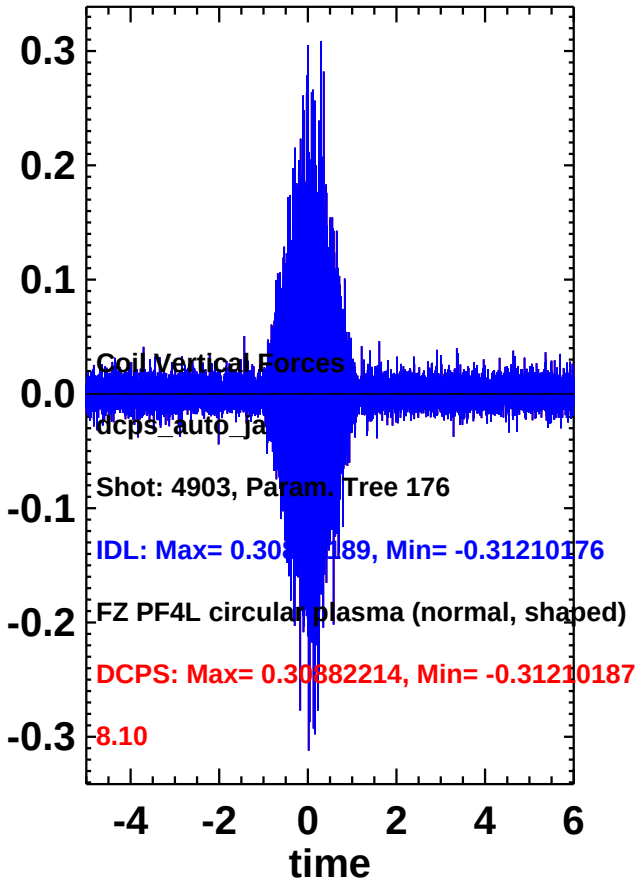

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 5.007[illegible]51, Min= -5.8368440
FZ PF5L circular plasma (normal, circular)
DCPS: Max= 5.0075549, Min= -5.8368438
7.9
6
4
2
0
-2
-4
-6
-4 -2 0 2 4 6
time

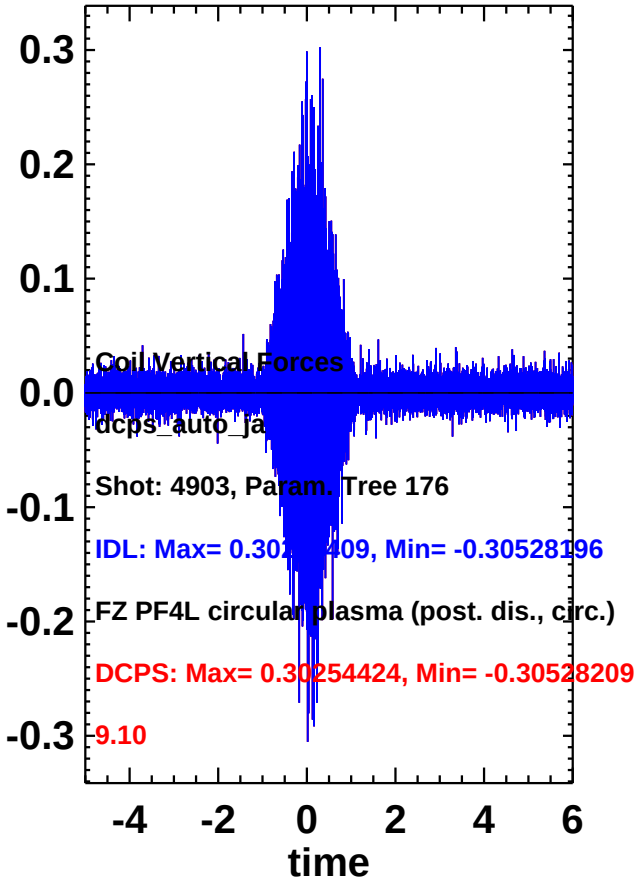

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 5.022[illegible]98, Min= -5.8632188
FZ PF5L circular plasma (normal, shaped)
DCPS: Max= 5.0227697, Min= -5.8632186
8.9
6
4
2
0
-2
-4
-6
-4 -2 0 2 4 6
time

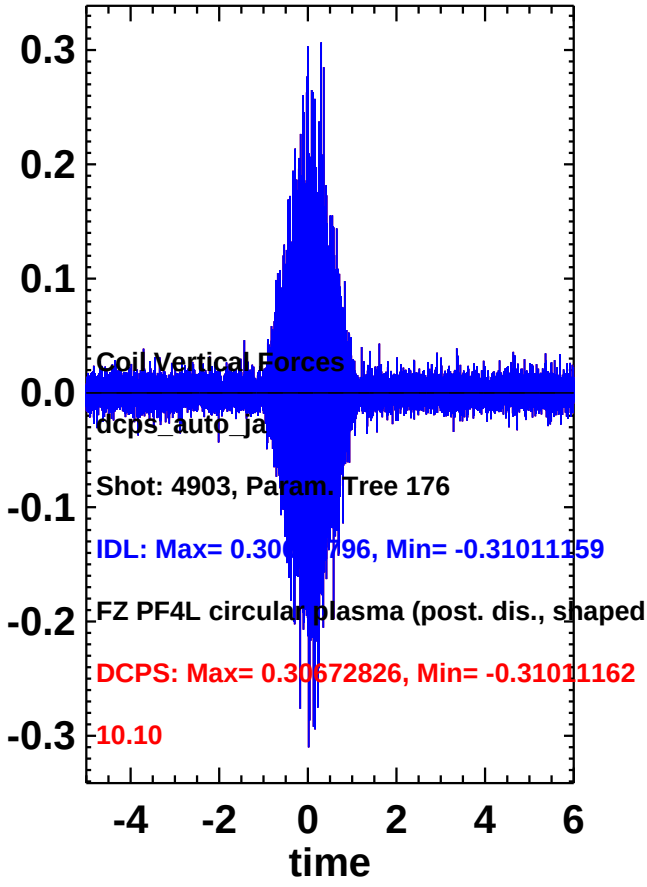

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 6.79[illegible]21, Min= -7.2508613
FZ PF5L circular plasma (post. dis., circ.)
DCPS: Max= 6.7996818, Min= -7.2508610
9.9
6
4
2
0
-2
-4
-6
-4 -2 0 2 4 6
time

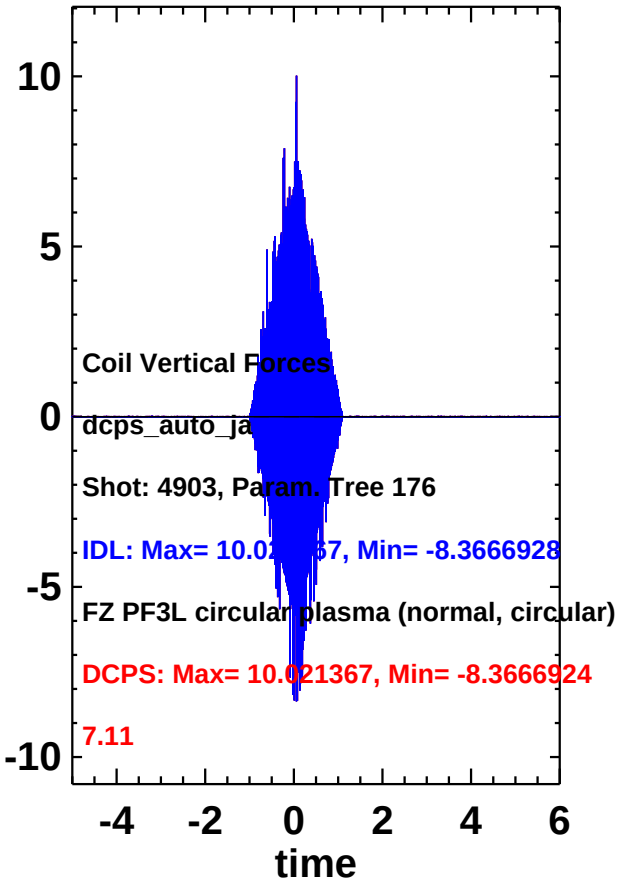

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 6.45[illegible]78, Min= -6.9945211
FZ PF5L circular plasma (post. dis., shaped.)
DCPS: Max= 6.4555572, Min= -6.9945209
10.9
6
4
2
0
-2
-4
-6
-4 -2 0 2 4 6
time

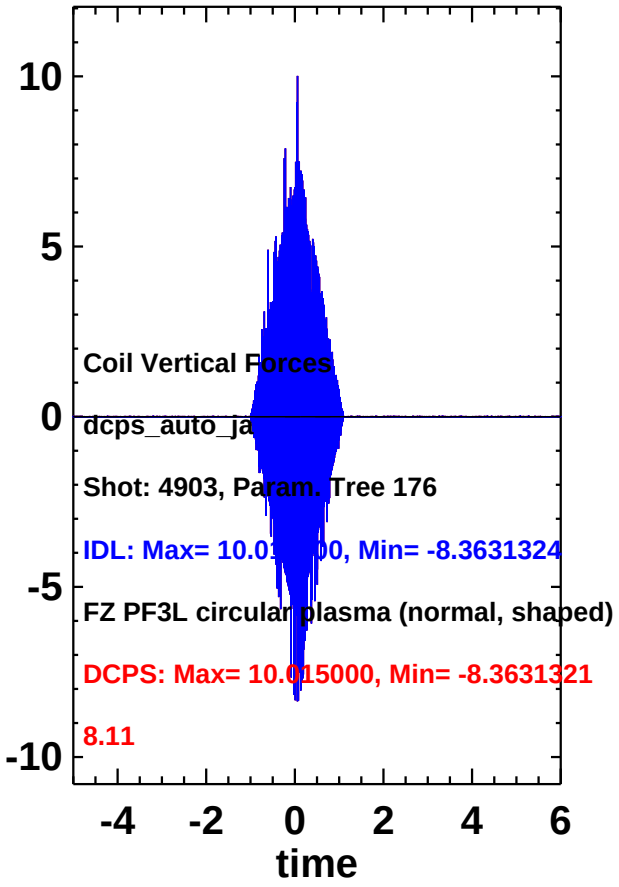

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 0.30790359, Min= -0.31037630
FZ PF4L circular plasma (normal, circular)
DCPS: Max= 0.30790384, Min= -0.31037641
7.10
0.3
0.2
0.1
0.0
-0.1
-0.2
-0.3
-4
-2
0
2
4
6
time

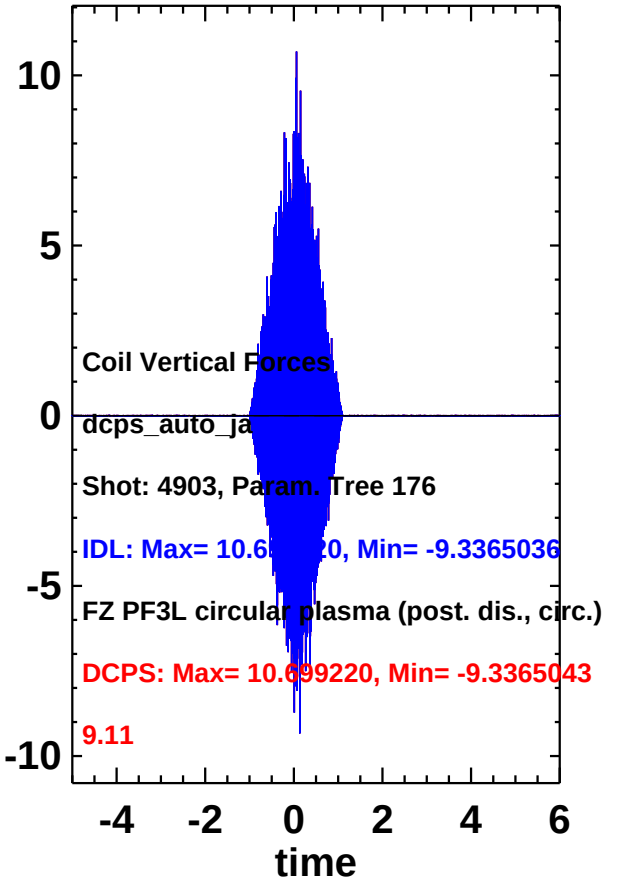

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 0.30882189, Min= -0.31210176
FZ PF4L circular plasma (normal, shaped)
DCPS: Max= 0.30882214, Min= -0.31210187
8.10
0.3
0.2
0.1
0.0
-0.1
-0.2
-0.3
-4
-2
0
2
4
6
time

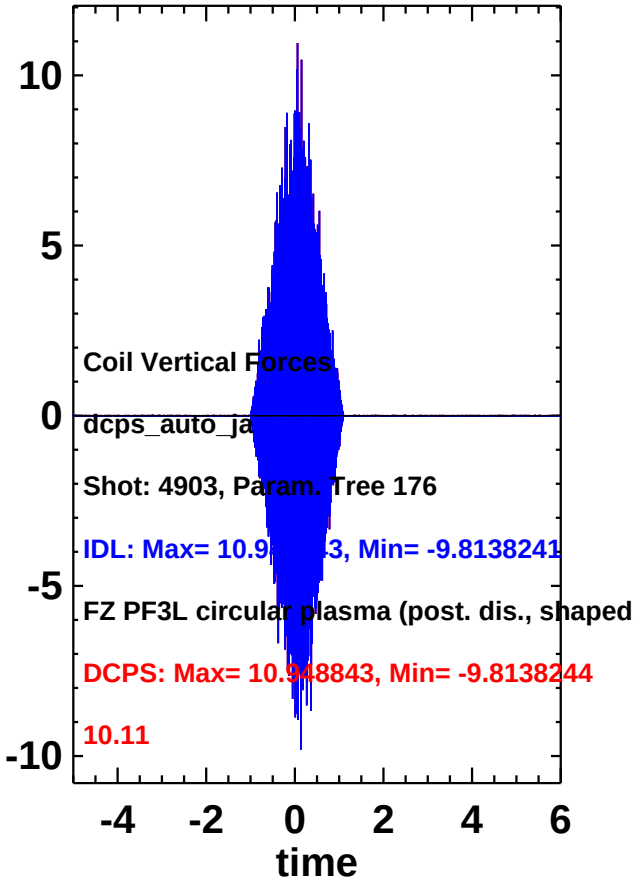

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 0.30254409, Min= -0.30528196
FZ PF4L circular plasma (post. dis., circ.)
DCPS: Max= 0.30254424, Min= -0.30528209
9.10
0.3
0.2
0.1
0.0
-0.1
-0.2
-0.3
-4
-2
0
2
4
6
time

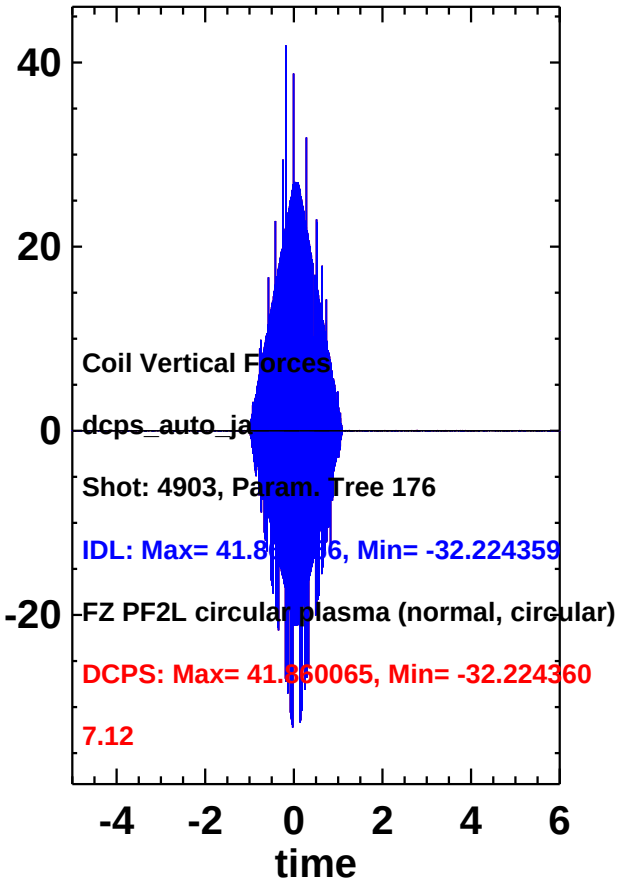

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 0.30672796, Min= -0.31011159
FZ PF4L circular plasma (post. dis., shaped.)
DCPS: Max= 0.30672826, Min= -0.31011162
10.10
0.3
0.2
0.1
0.0
-0.1
-0.2
-0.3
-4
-2
0
2
4
6
time

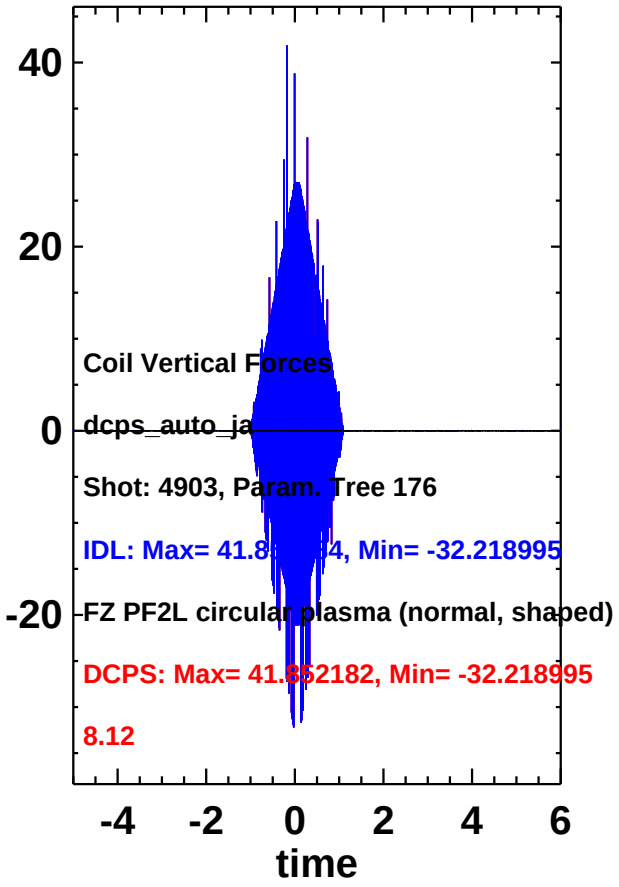

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 10.0
7, Min= -8.3666928
FZ PF3L circular plasma (normal, circular)
DCPS: Max= 10.021367, Min= -8.3666924
7.11
10
5
0
-5
-10
-4
-2
0
2
4
6
time

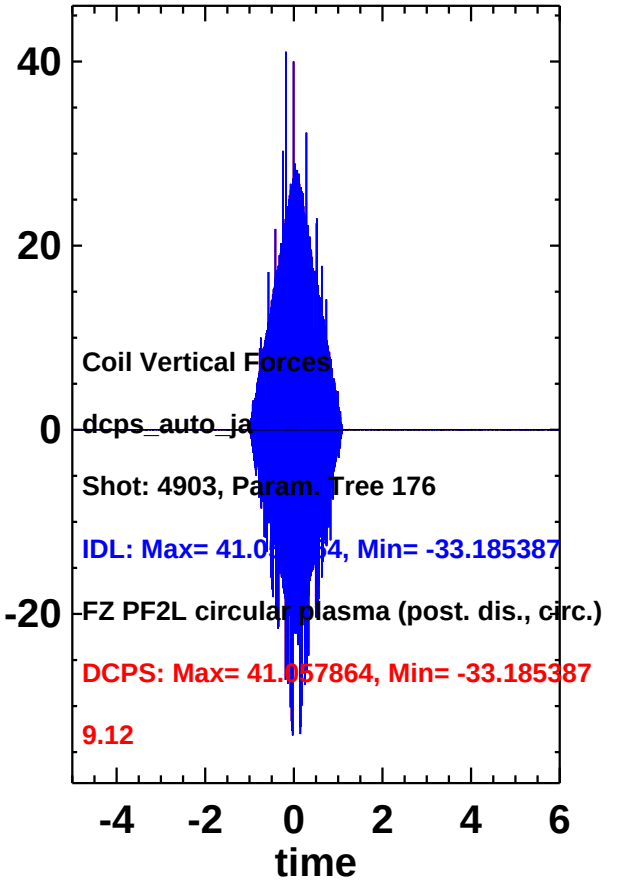

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 10.01
0, Min= -8.3631324
FZ PF3L circular plasma (normal, shaped)
DCPS: Max= 10.015000, Min= -8.3631321
8.11
10
5
0
-5
-10
-4
-2
0
2
4
6
time

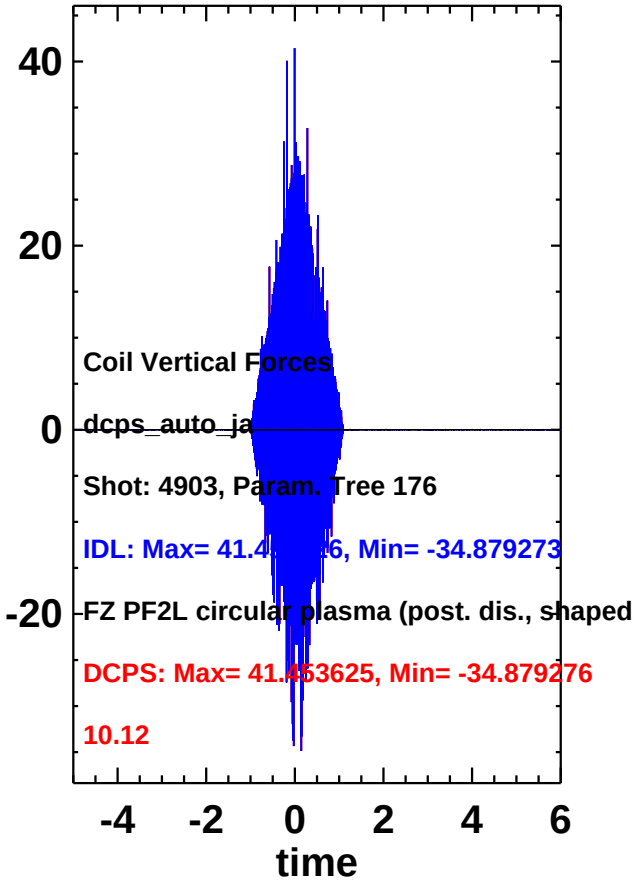

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 10.6
20, Min= -9.3365036
FZ PF3L circular plasma (post. dis., circ.)
DCPS: Max= 10.699220, Min= -9.3365043
9.11
10
5
0
-5
-10
-4
-2
0
2
4
6
time

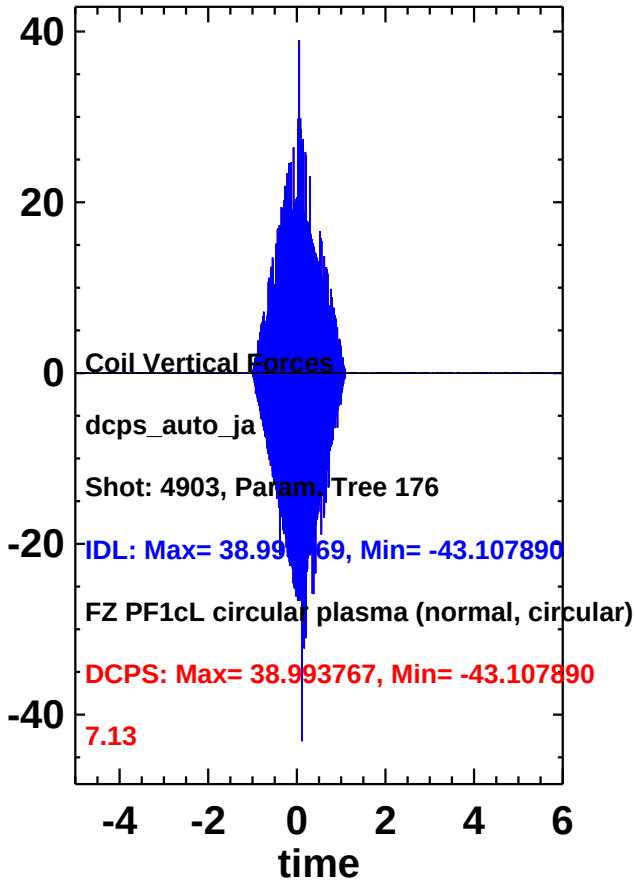

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 10.9
3, Min= -9.8138241
FZ PF3L circular plasma (post. dis., shaped.)
DCPS: Max= 10.948843, Min= -9.8138244
10.11
10
5
0
-5
-10
-4
-2
0
2
4
6
time

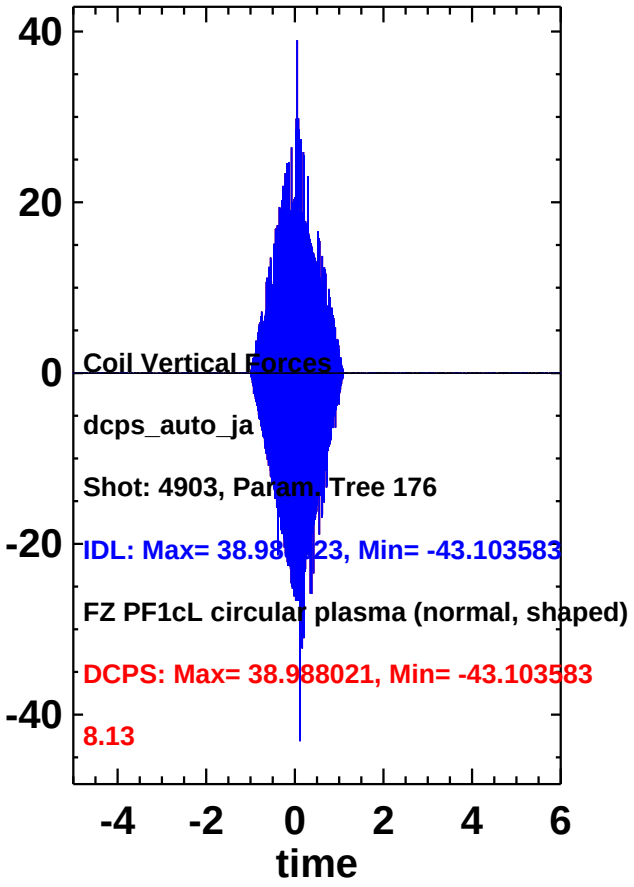

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 41.8
6, Min= -32.224359
FZ PF2L circular plasma (normal, circular)
DCPS: Max= 41.
0065, Min= -32.224360
7.12
40
20
0
-20
-4
-2
0
2
4
6
time

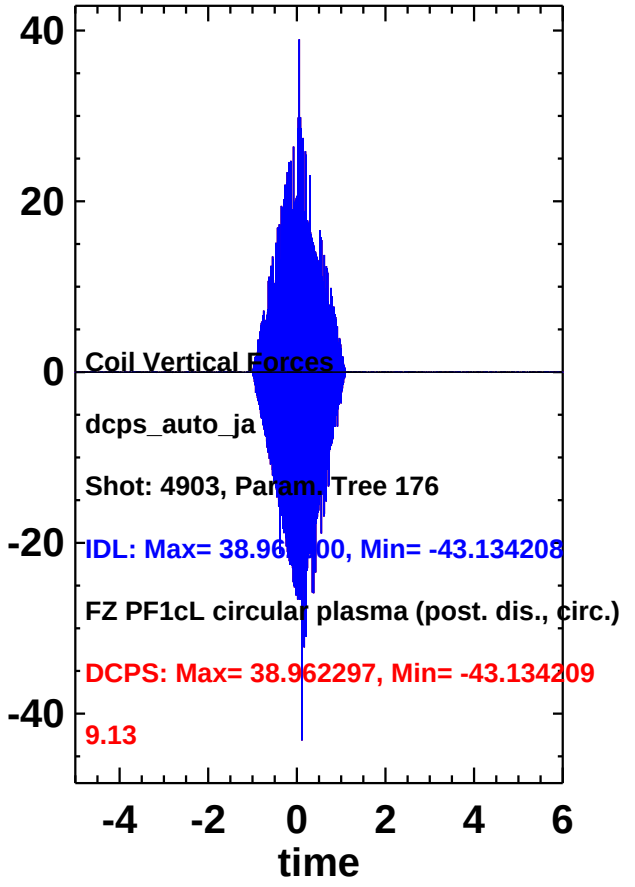

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 41.8
4, Min= -32.218995
FZ PF2L circular plasma (normal, shaped)
DCPS: Max= 41.
2182, Min= -32.218995
8.12
40
20
0
-20
-4
-2
0
2
4
6
time

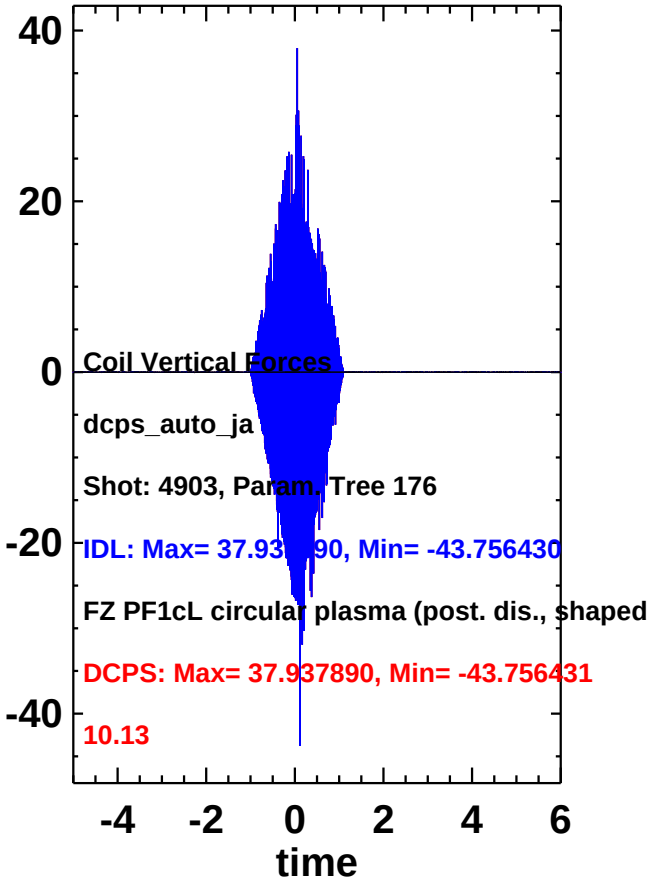

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 41.0
4, Min= -33.185387
FZ PF2L circular plasma (post. dis., circ.)
DCPS: Max= 41.
7864, Min= -33.185387
9.12
40
20
0
-20
-4
-2
0
2
4
6
time

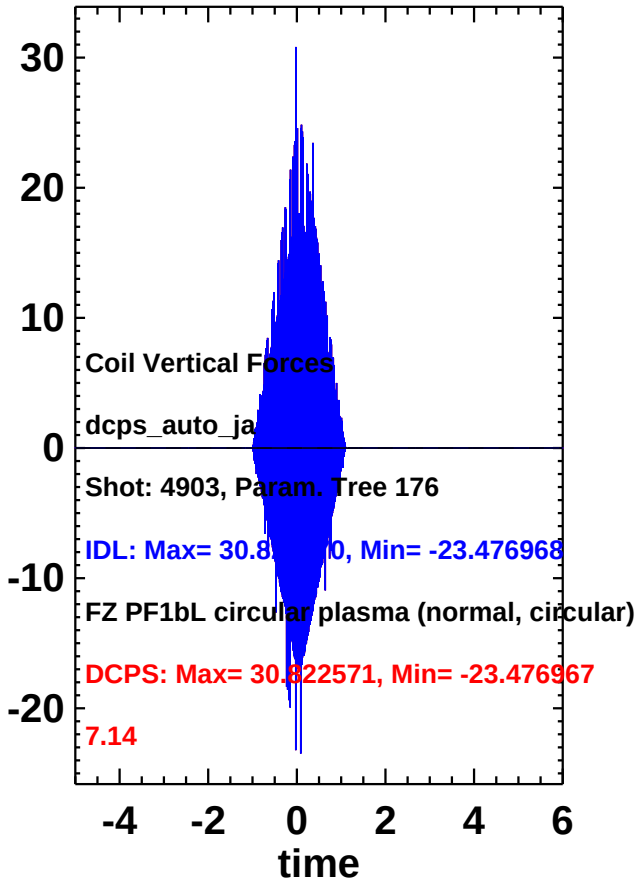

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 41.4
6, Min= -34.879273
FZ PF2L circular plasma (post. dis., shaped.)
DCPS: Max= 41.
3625, Min= -34.879276
10.12
40
20
0
-20
-4
-2
0
2
4
6
time

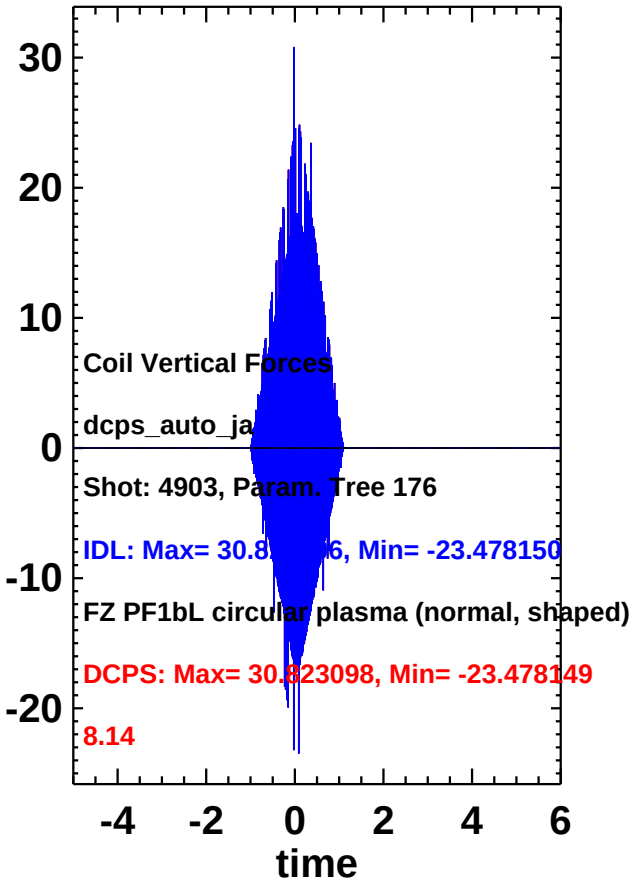

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 38.99[illegible]69, Min= -43.107890
FZ PF1cL circular plasma (normal, circular)
DCPS: Max= 38.993767, Min= -43.107890
7.13
time

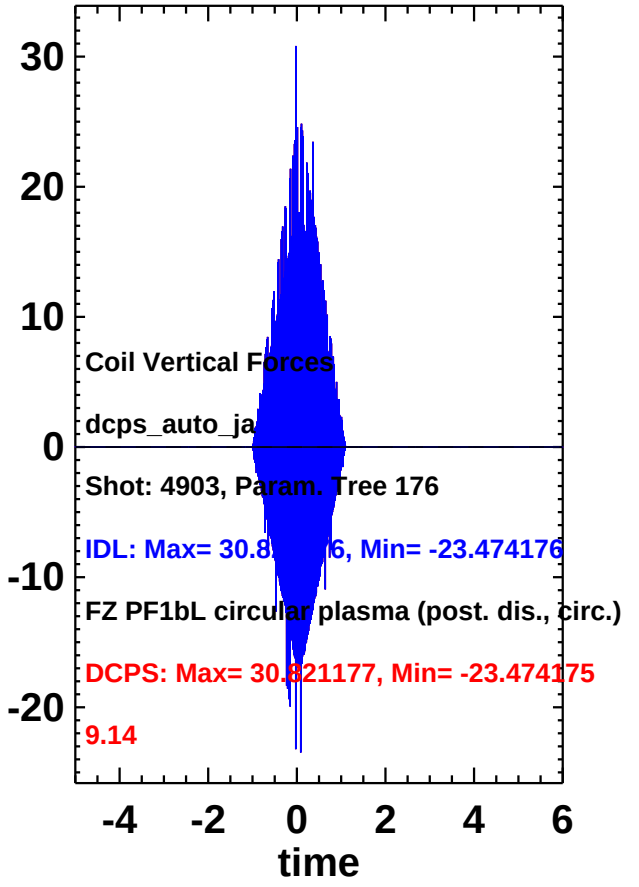

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 38.98[illegible]23, Min= -43.103583
FZ PF1cL circular plasma (normal, shaped)
DCPS: Max= 38.988021, Min= -43.103583
8.13
time

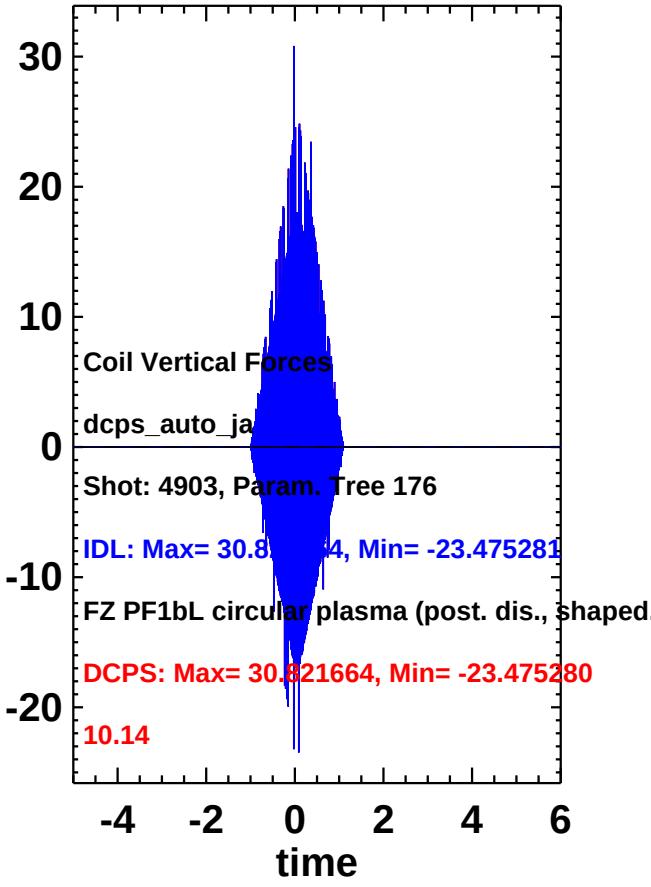

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 38.96[illegible]00, Min= -43.134208
FZ PF1cL circular plasma (post. dis., circ.)
DCPS: Max= 38.962297, Min= -43.134209
9.13
time

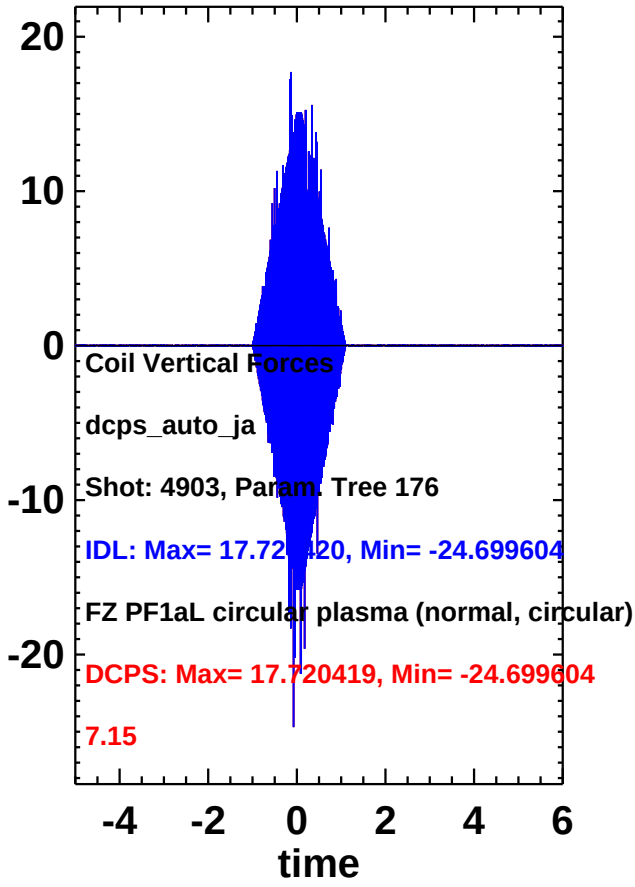

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 37.93[illegible]90, Min= -43.756430
FZ PF1cL circular plasma (post. dis., shaped.)
DCPS: Max= 37.937890, Min= -43.756431
10.13
time

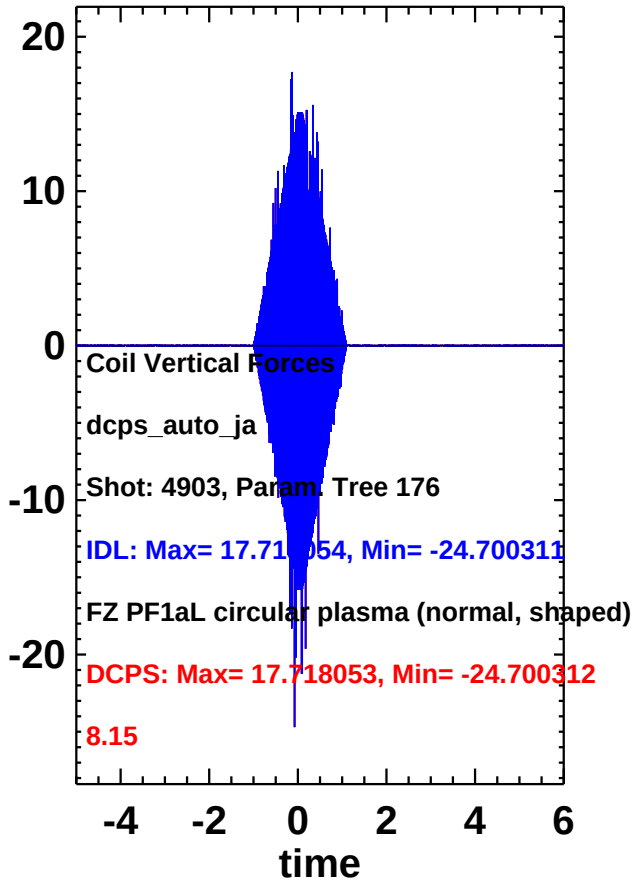

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 30.8
0, Min= -23.476968
FZ PF1bL circular plasma (normal, circular)
DCPS: Max= 30.822571, Min= -23.476967
7.14
30
20
10
0
-10
-20
-4
-2
0
2
4
6
time

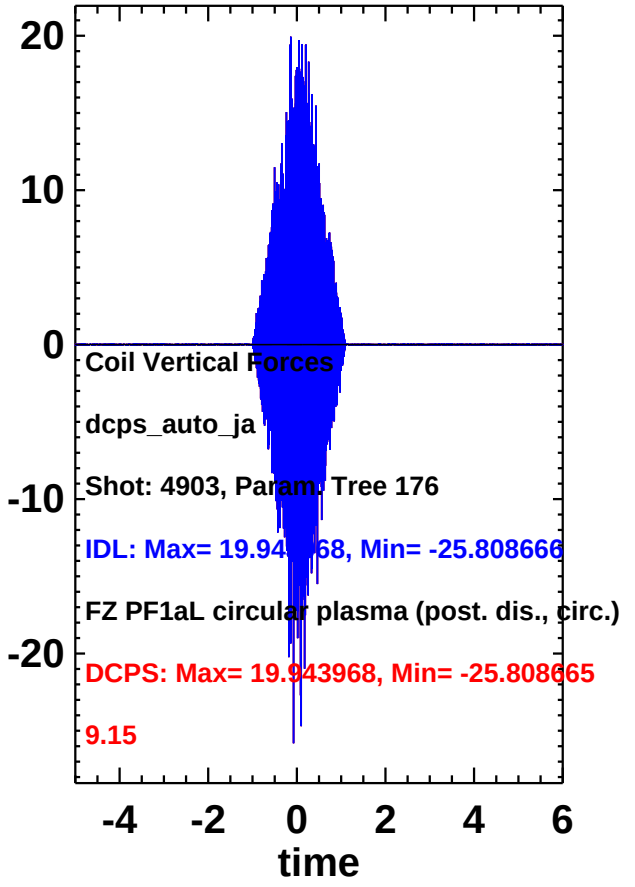

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 30.8
6, Min= -23.478150
FZ PF1bL circular plasma (normal, shaped)
DCPS: Max= 30.823098, Min= -23.478149
8.14
30
20
10
0
-10
-20
-4
-2
0
2
4
6
time

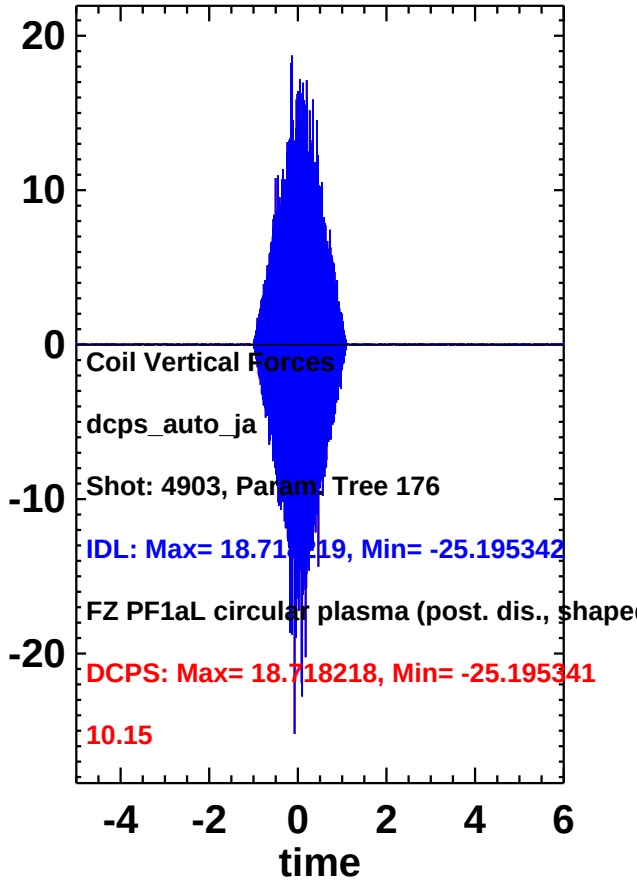

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 30.8
6, Min= -23.474176
FZ PF1bL circular plasma (post. dis., circ.)
DCPS: Max= 30.821177, Min= -23.474175
9.14
30
20
10
0
-10
-20
-4
-2
0
2
4
6
time

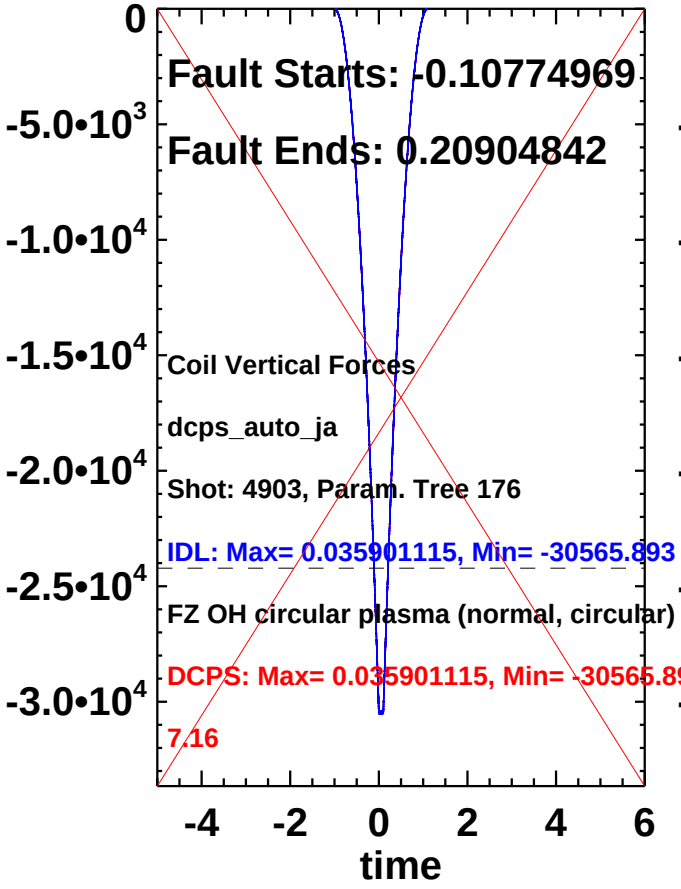

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 30.8
4, Min= -23.475281
FZ PF1bL circular plasma (post. dis., shaped.)
DCPS: Max= 30.821664, Min= -23.475280
10.14
30
20
10
0
-10
-20
-4
-2
0
2
4
6
time

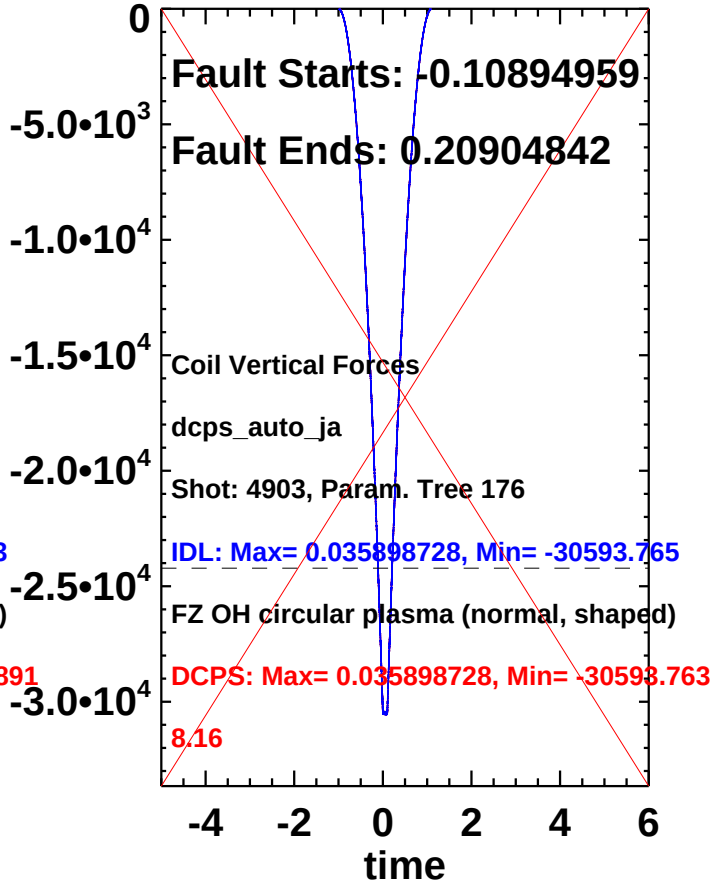

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 17.72 420, Min= -24.699604
FZ PF1aL circular plasma (normal, circular)
DCPS: Max= 17.720419, Min= -24.699604
7.15
time

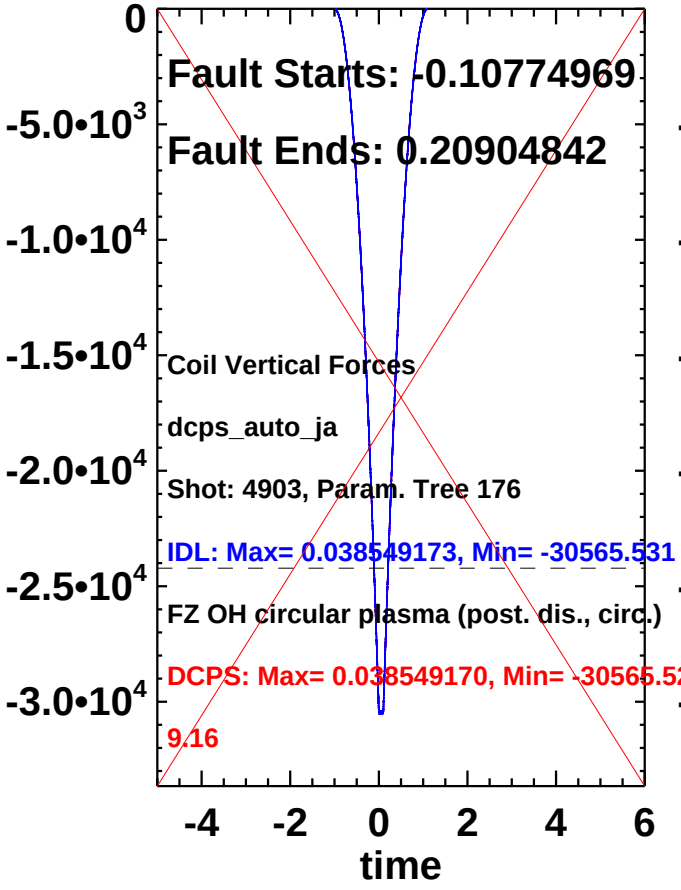

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 17.71 054, Min= -24.700311
FZ PF1aL circular plasma (normal, shaped)
DCPS: Max= 17.718053, Min= -24.700312
8.15
time

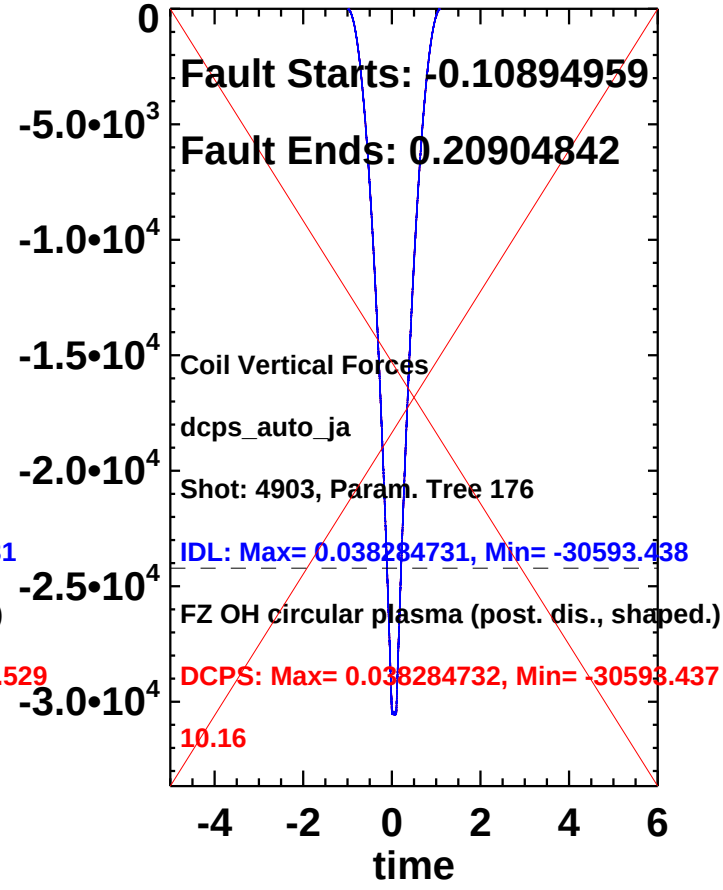

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 19.94 68, Min= -25.808666
FZ PF1aL circular plasma (post. dis., circ.)
DCPS: Max= 19.943968, Min= -25.808665
9.15
time

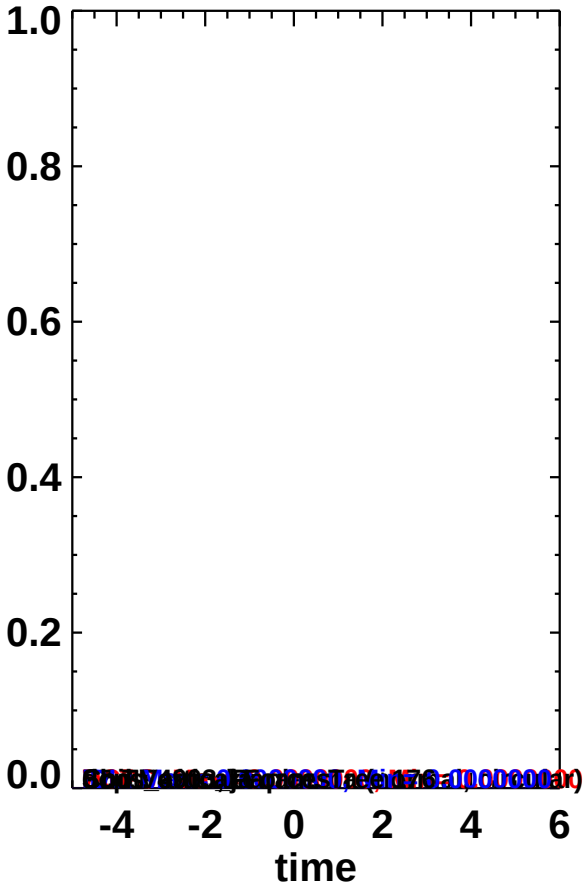

Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 18.71 219, Min= -25.195342
FZ PF1aL circular plasma (post. dis., shaped.)
DCPS: Max= 18.718218, Min= -25.195341
10.15
time

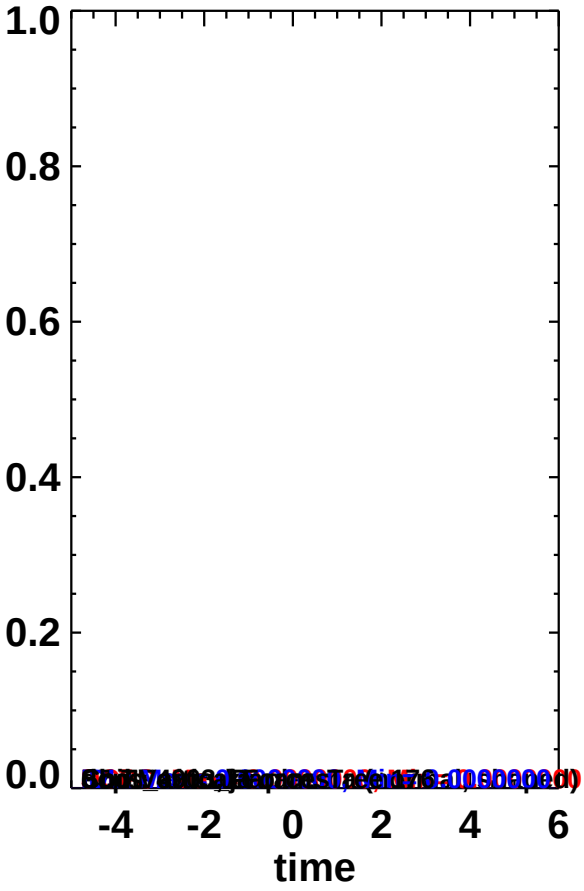

Fault Starts: -0.10774969
Fault Ends: 0.20904842
Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 0.035901115, Min= -30565.893
FZ OH circular plasma (normal, circular)
DCPS: Max= 0.035901115, Min= -30565.891
7.16
0
-5.0•10^3
-1.0•10^4
-1.5•10^4
-2.0•10^4
-2.5•10^4
-3.0•10^4
-4 -2 0 2 4 6
time

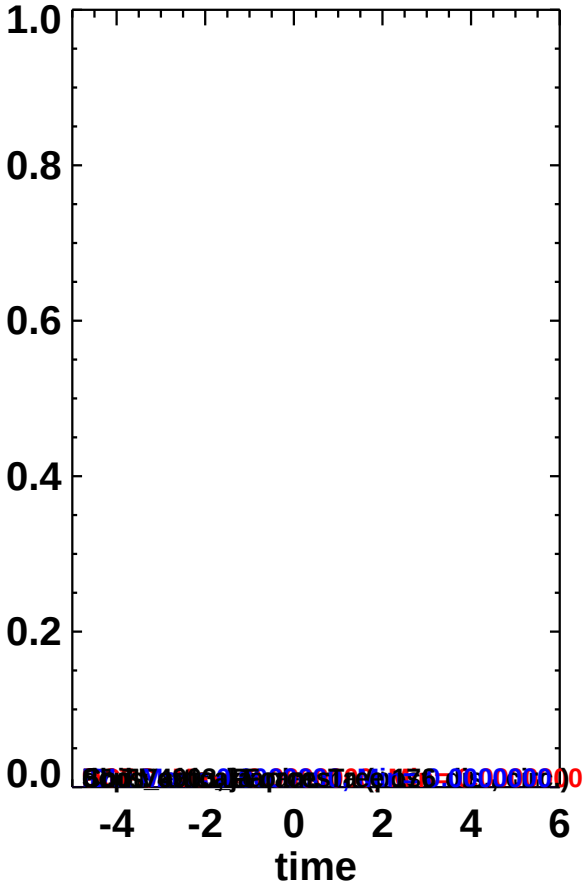

Fault Starts: -0.10894959
Fault Ends: 0.20904842
Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 0.035898728, Min= -30593.765
FZ OH circular plasma (normal, shaped)
DCPS: Max= 0.035898728, Min= -30593.763
8.16
0
-5.0•10^3
-1.0•10^4
-1.5•10^4
-2.0•10^4
-2.5•10^4
-3.0•10^4
-4 -2 0 2 4 6
time

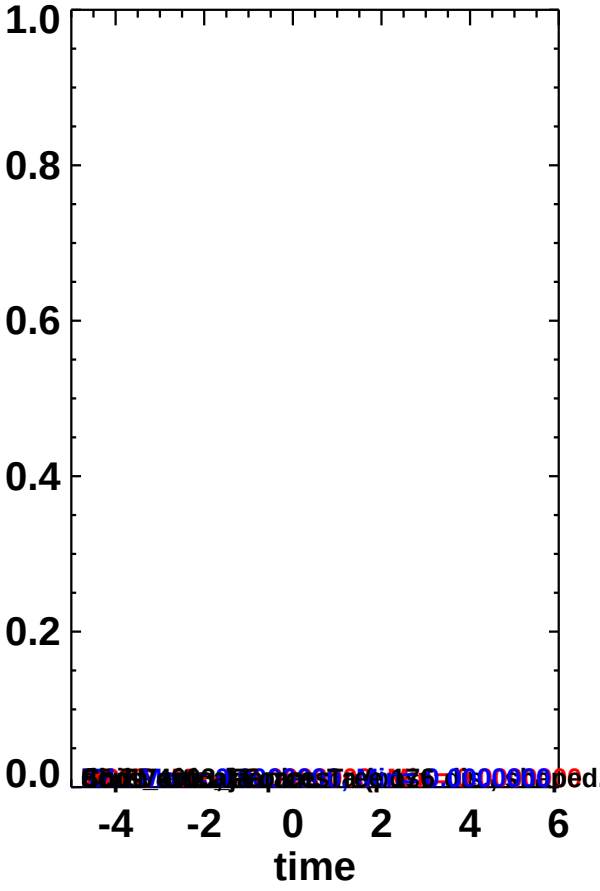

Fault Starts: -0.10774969
Fault Ends: 0.20904842
Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 0.038549173, Min= -30565.531
FZ OH circular plasma (post. dis., circ.)
DCPS: Max= 0.038549170, Min= -30565.529
9.16
0
-5.0•10^3
-1.0•10^4
-1.5•10^4
-2.0•10^4
-2.5•10^4
-3.0•10^4
-4 -2 0 2 4 6
time


Fault Starts: -0.10894959
Fault Ends: 0.20904842
Coil Vertical Forces
dcps_auto_ja
Shot: 4903, Param. Tree 176
IDL: Max= 0.038284731, Min= -30593.438
FZ OH circular plasma (post. dis., shaped.)
DCPS: Max= 0.038284732, Min= -30593.437
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
time


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


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


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


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