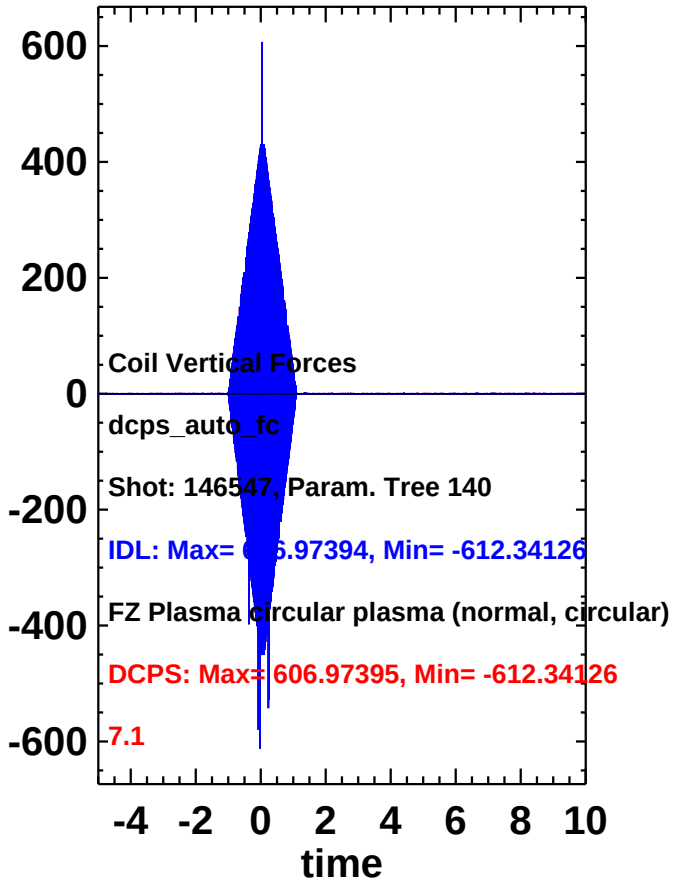
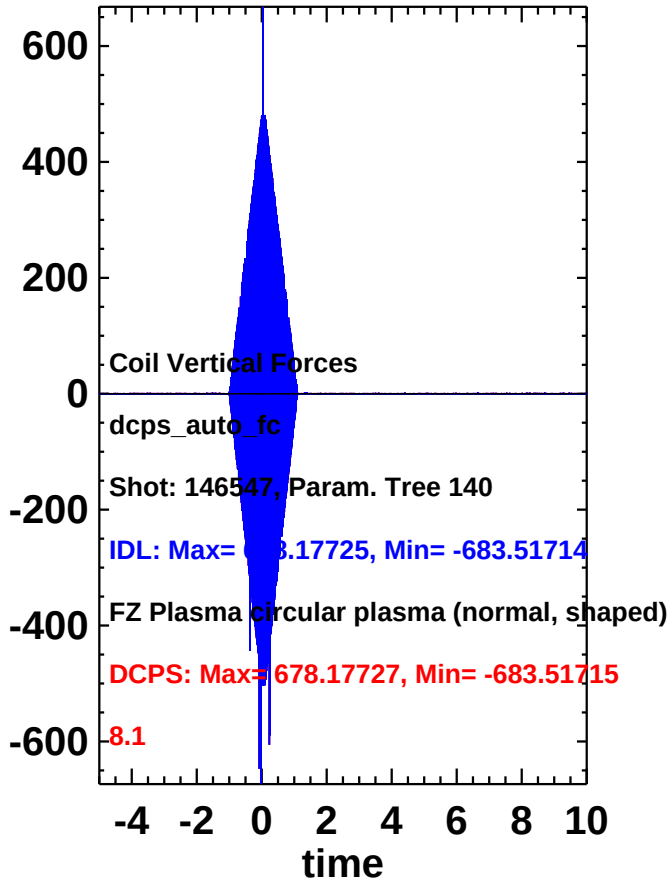
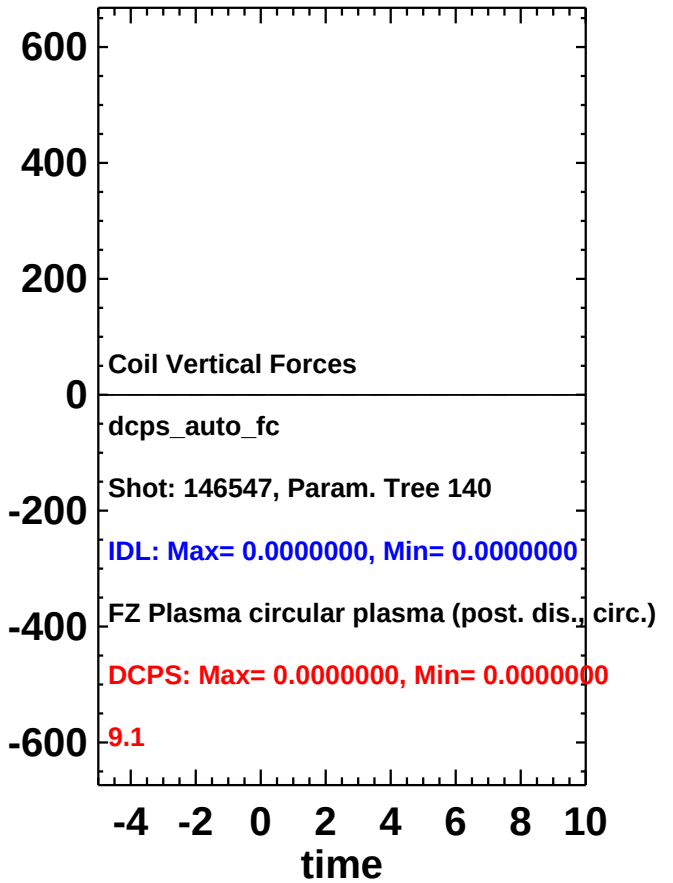
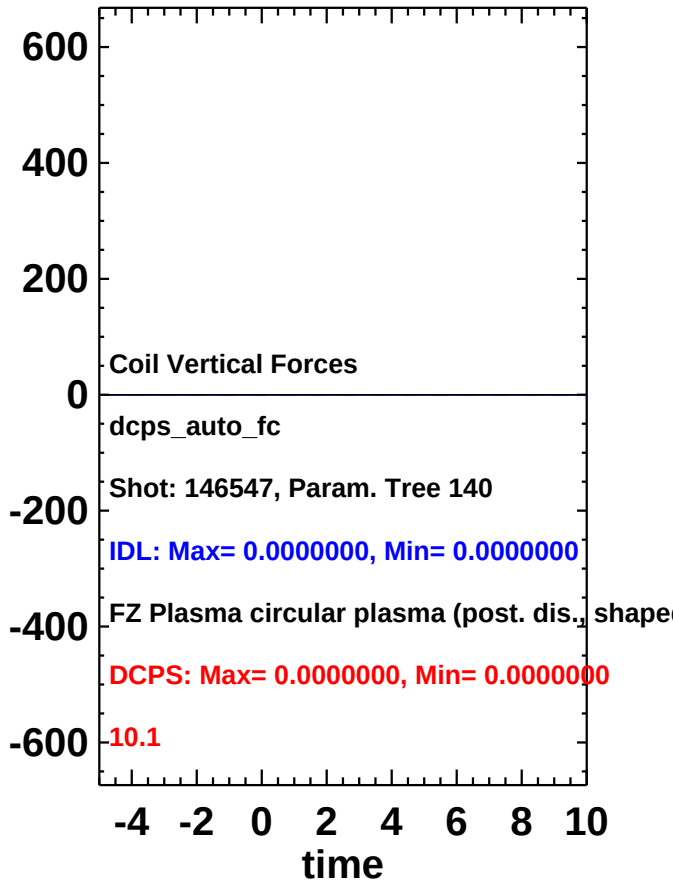
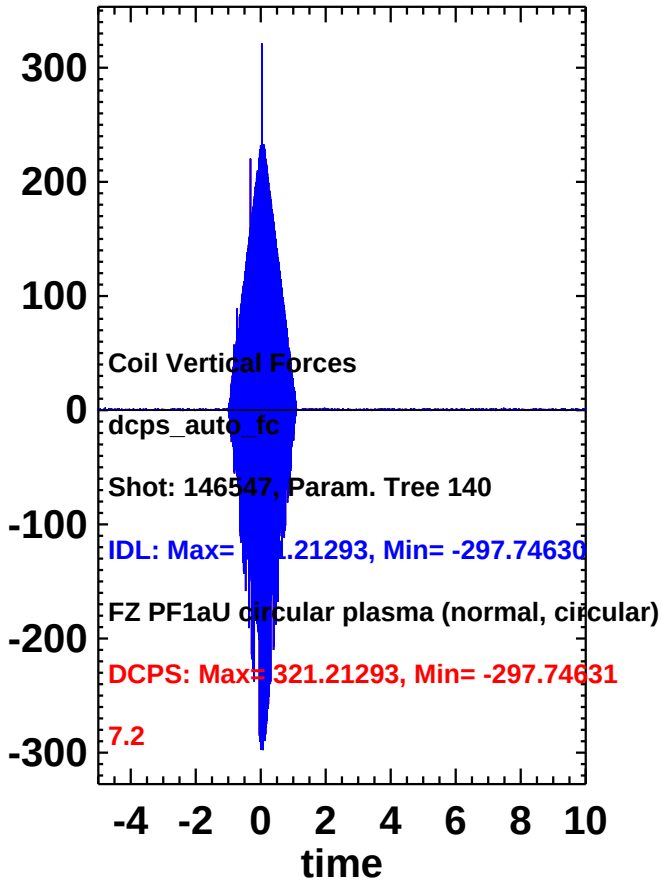
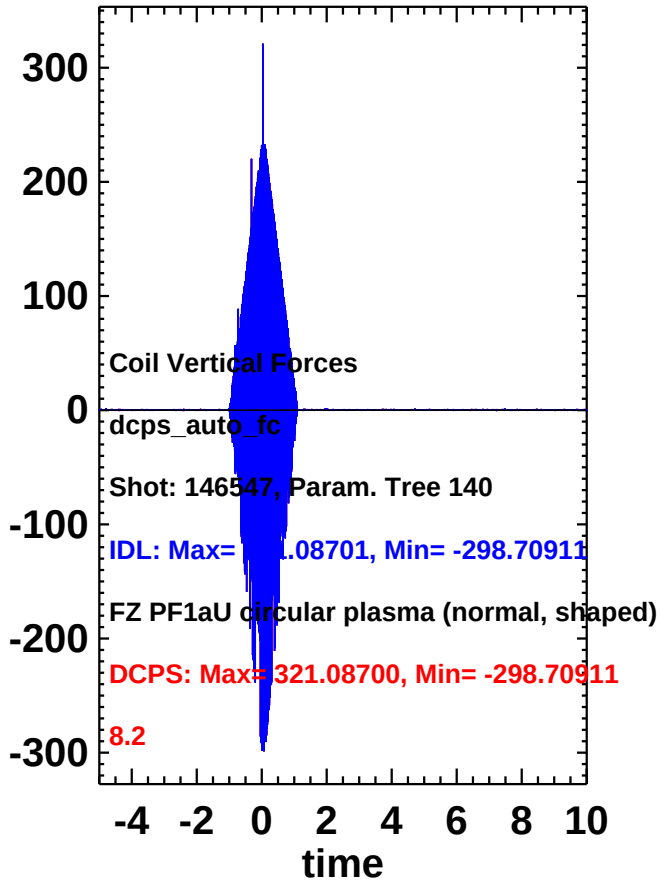

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 6.97394, Min= -612.34126
FZ Plasma circular plasma (normal, circular)
DCPS: Max= 606.97395, Min= -612.34126
7.1
time

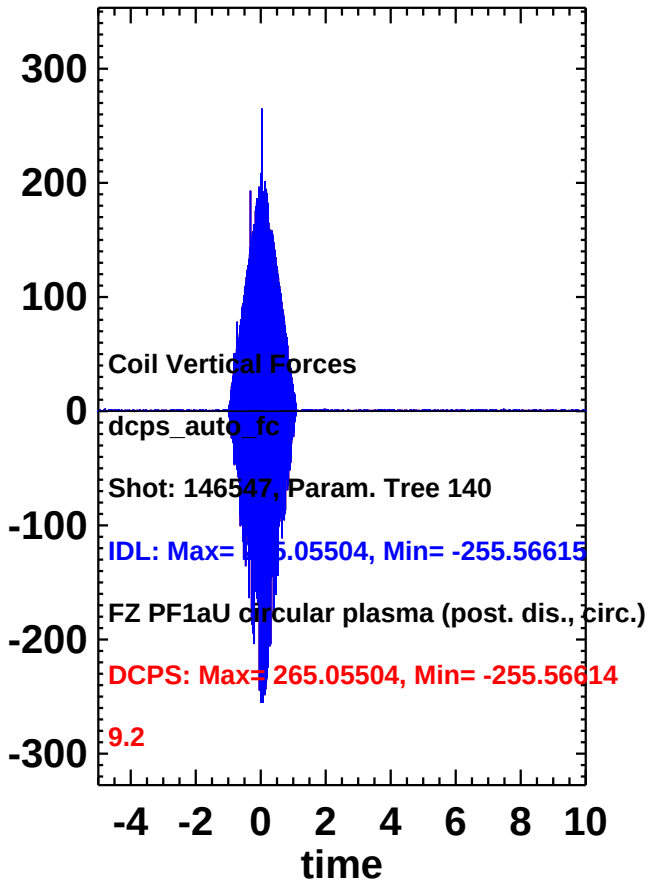

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 8.17725, Min= -683.51714
FZ Plasma circular plasma (normal, shaped)
DCPS: Max= 678.17727, Min= -683.51715
8.1
time

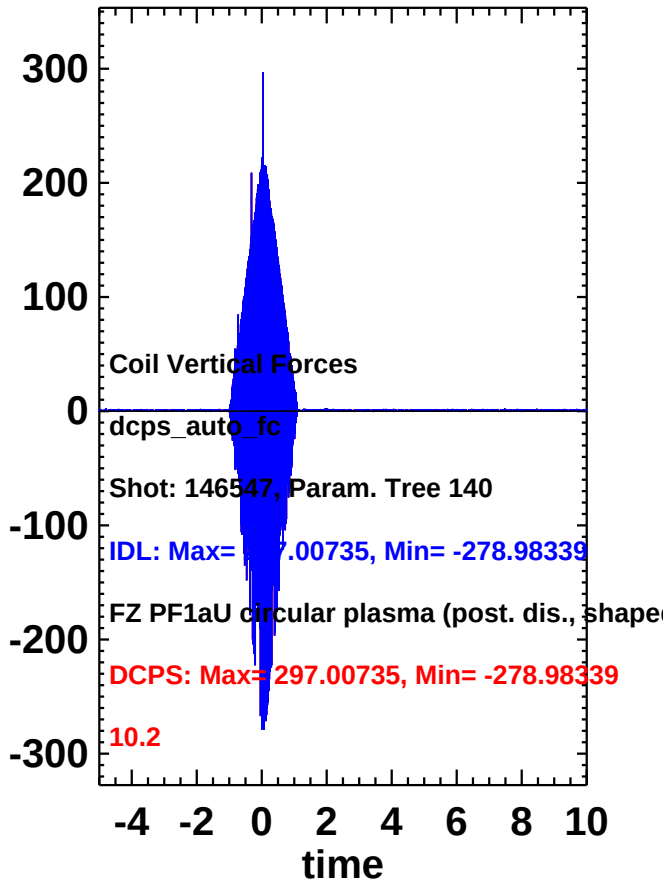

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 0.0000000, Min= 0.0000000
FZ Plasma circular plasma (post. dis., circ.)
DCPS: Max= 0.0000000, Min= 0.0000000
9.1
time

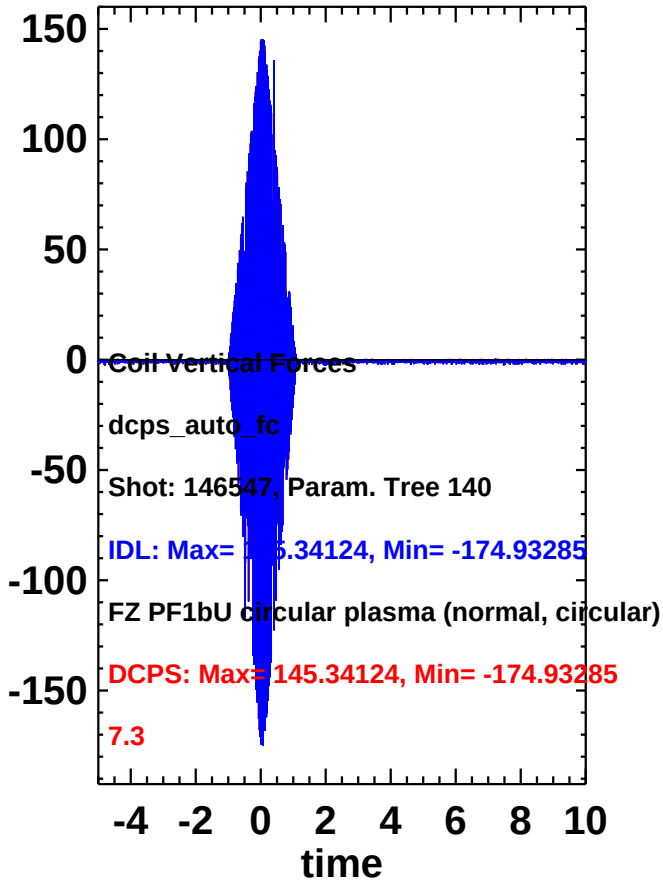

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 0.0000000, Min= 0.0000000
FZ Plasma circular plasma (post. dis., shaped
DCPS: Max= 0.0000000, Min= 0.0000000
10.1
time

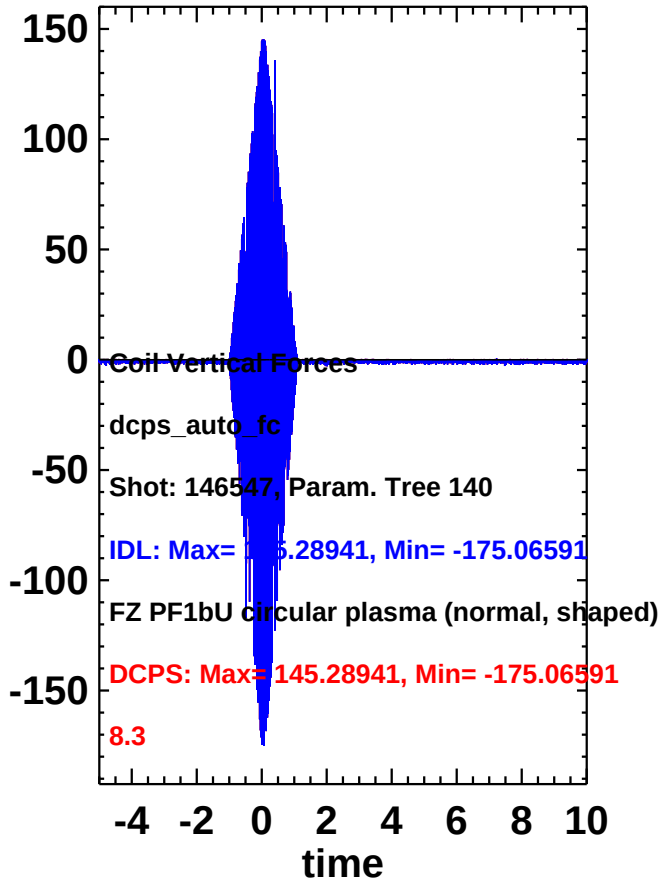

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 321.21293, Min= -297.74630
FZ PF1aU circular plasma (normal, circular)
DCPS: Max= 321.21293, Min= -297.74631
7.2
time

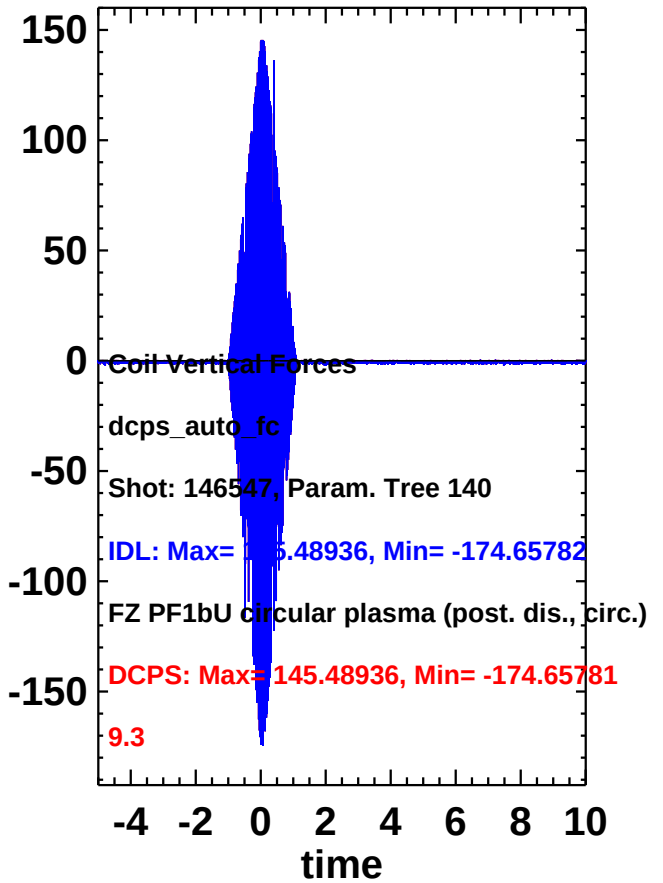

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 321.08701, Min= -298.70911
FZ PF1aU circular plasma (normal, shaped)
DCPS: Max= 321.08700, Min= -298.70911
8.2
time

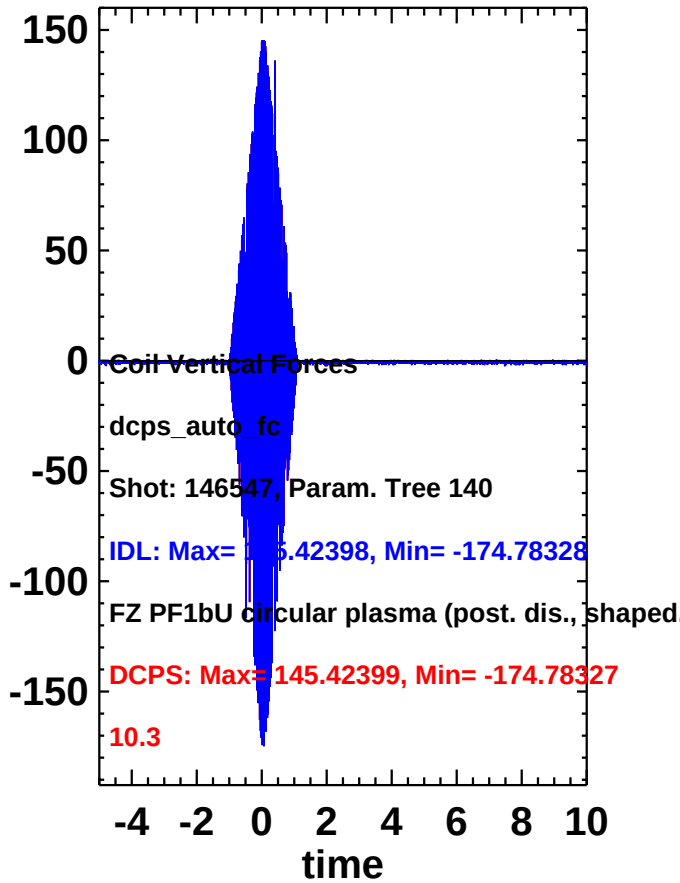

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 265.05504, Min= -255.56615
FZ PF1aU circular plasma (post. dis., circ.)
DCPS: Max= 265.05504, Min= -255.56614
9.2
time

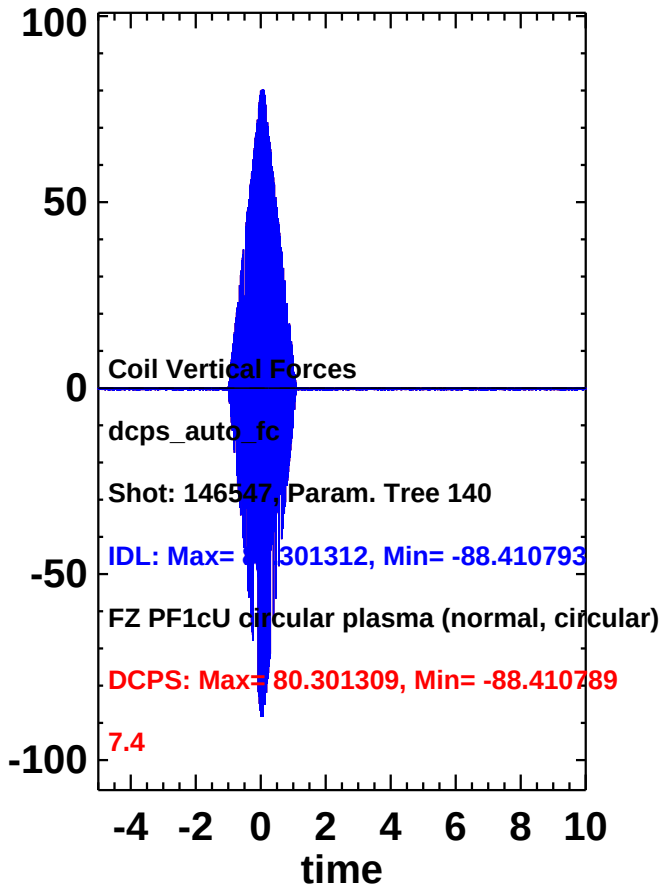

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 297.00735, Min= -278.98339
FZ PF1aU circular plasma (post. dis., shaped.)
DCPS: Max= 297.00735, Min= -278.98339
10.2
time

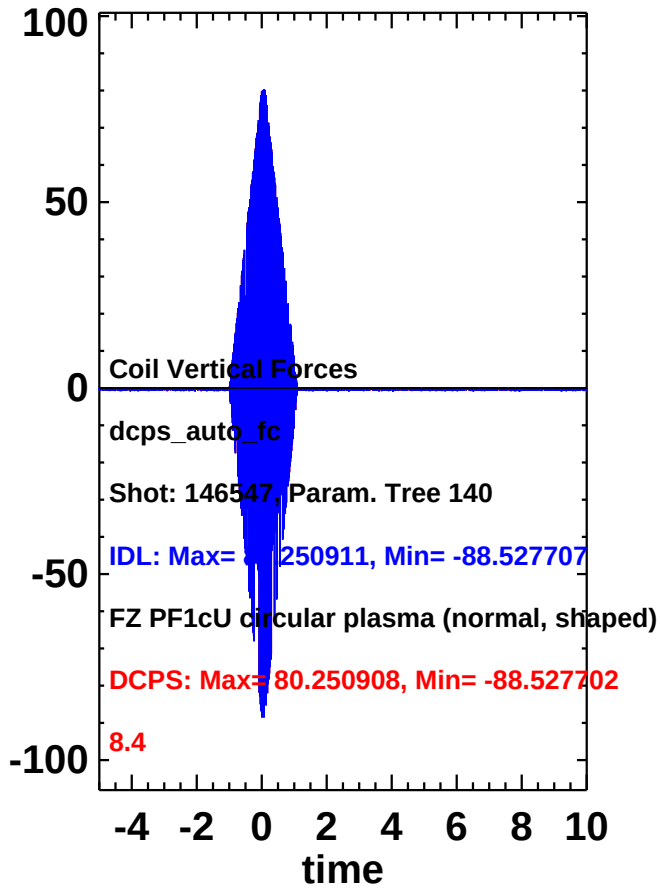

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 145.34124, Min= -174.93285
FZ PF1bU circular plasma (normal, circular)
DCPS: Max= 145.34124, Min= -174.93285
7.3
time

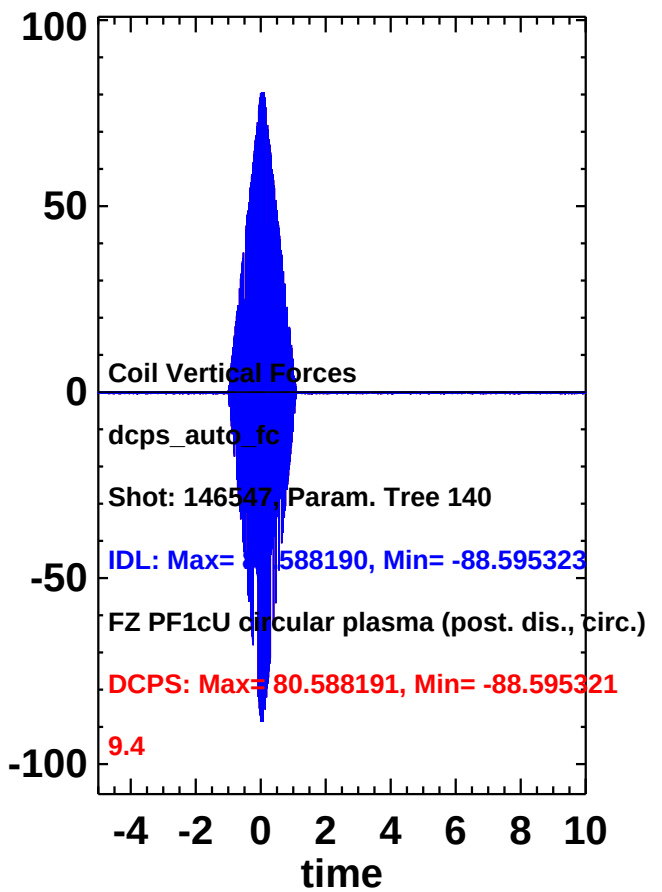

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 145.28941, Min= -175.06591
FZ PF1bU circular plasma (normal, shaped)
DCPS: Max= 145.28941, Min= -175.06591
8.3
time

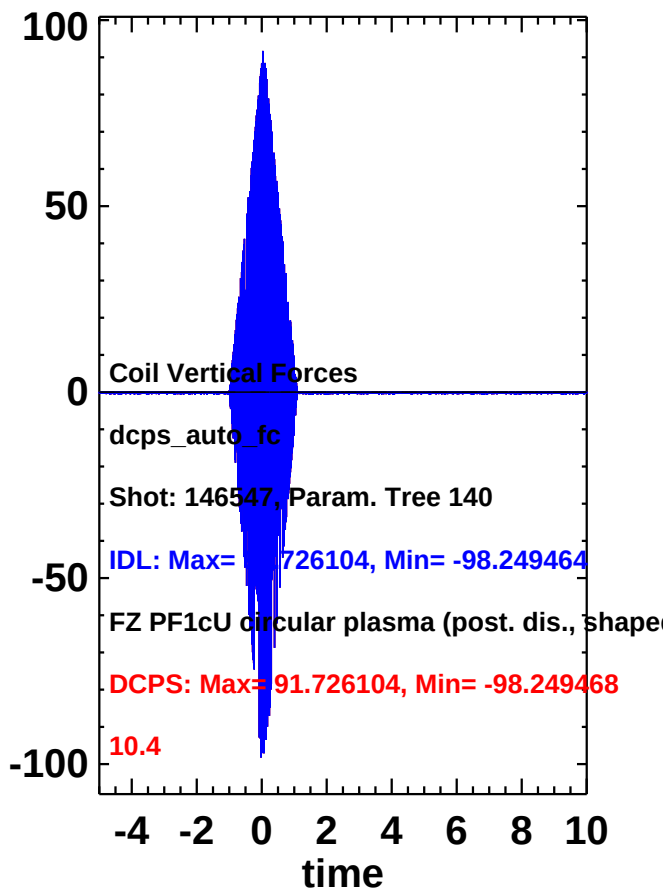

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 145.48936, Min= -174.65782
FZ PF1bU circular plasma (post. dis., circ.)
DCPS: Max= 145.48936, Min= -174.65781
9.3
time

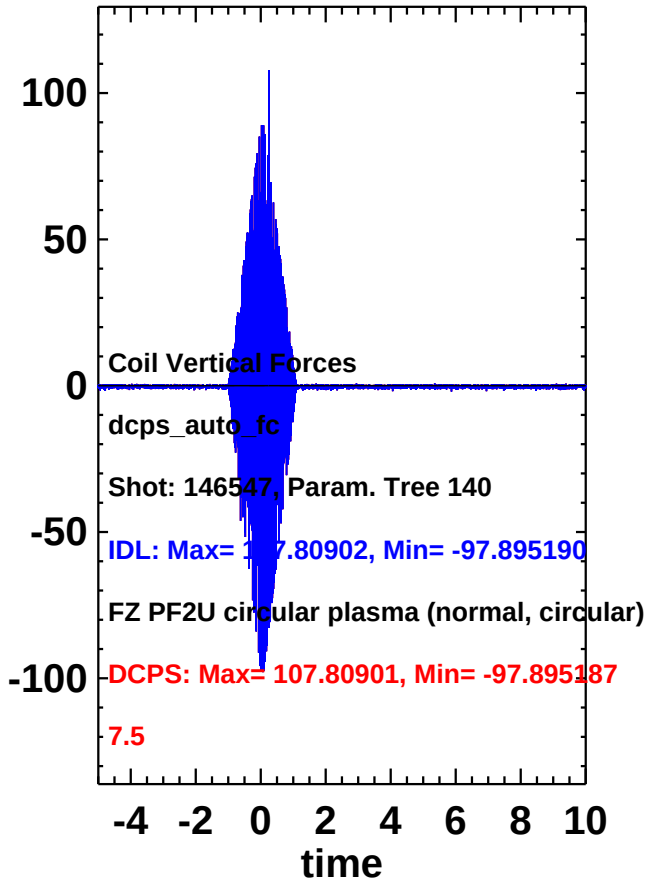

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 145.42398, Min= -174.78328
FZ PF1bU circular plasma (post. dis., shaped.)
DCPS: Max= 145.42399, Min= -174.78327
10.3
time

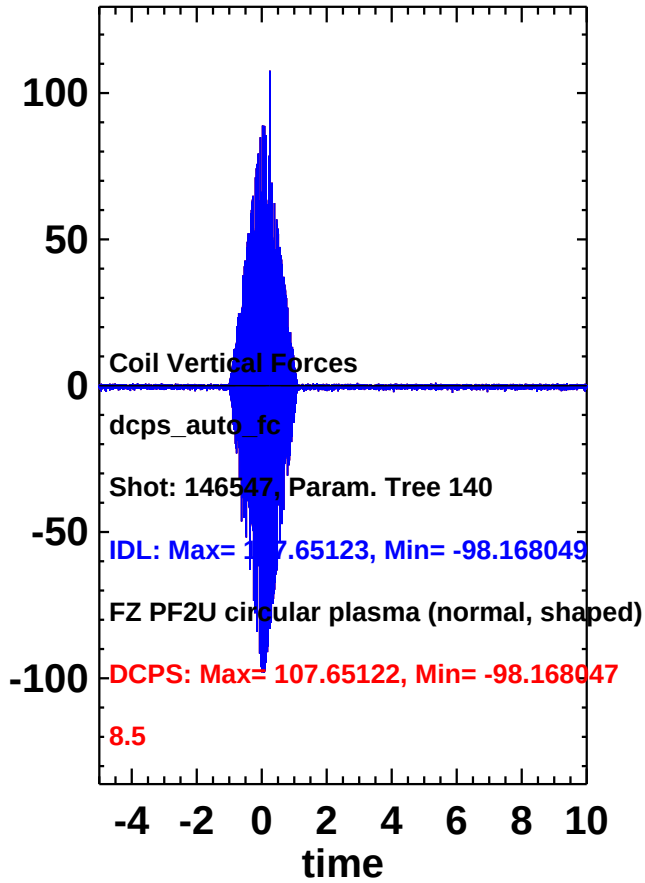

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 80.301312, Min= -88.410793
FZ PF1cU circular plasma (normal, circular)
DCPS: Max= 80.301309, Min= -88.410789
7.4
time

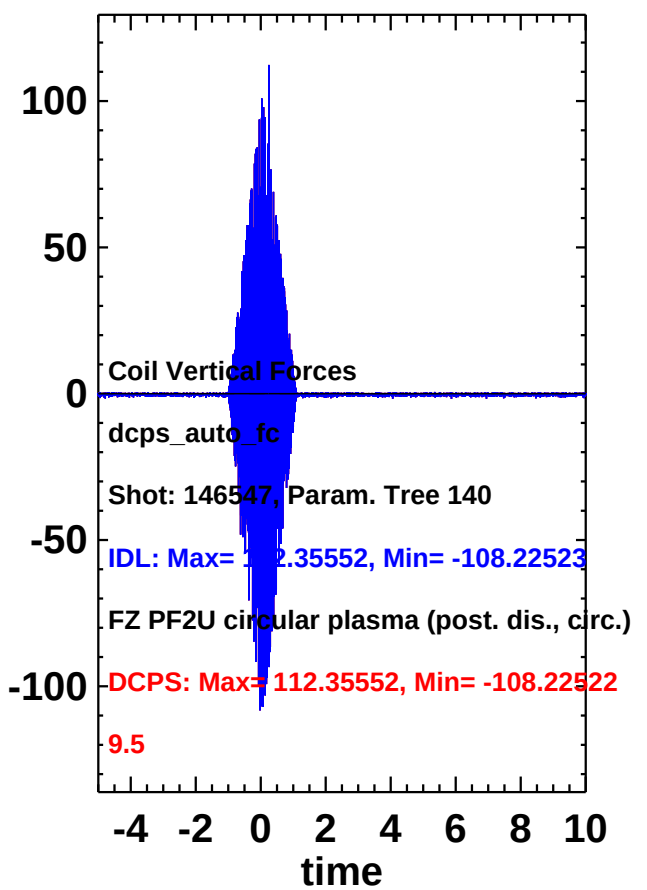

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 80.250911, Min= -88.527707
FZ PF1cU circular plasma (normal, shaped)
DCPS: Max= 80.250908, Min= -88.527702
8.4
time

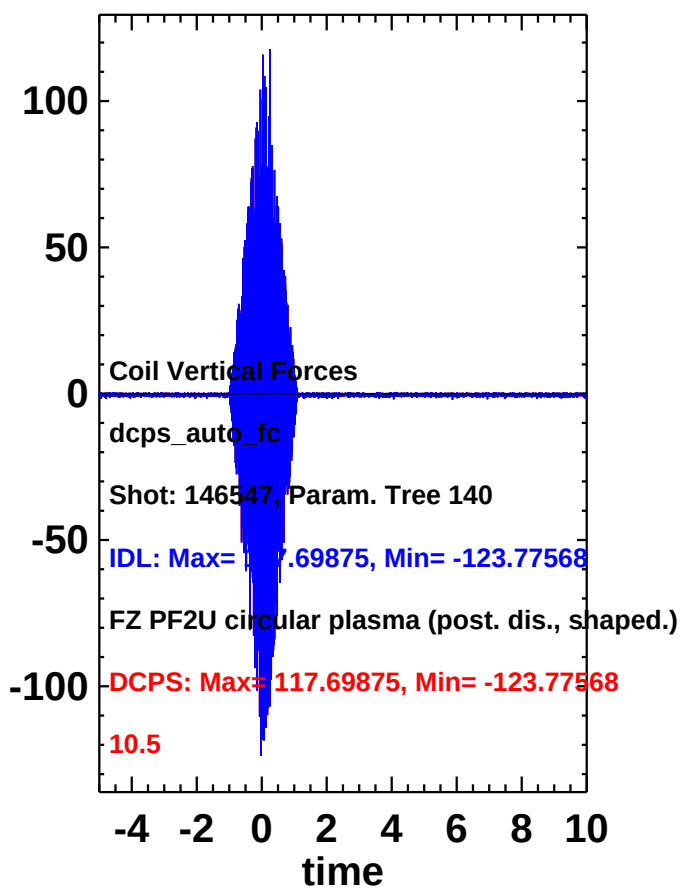

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 80.588190, Min= -88.595323
FZ PF1cU circular plasma (post. dis., circ.)
DCPS: Max= 80.588191, Min= -88.595321
9.4
time

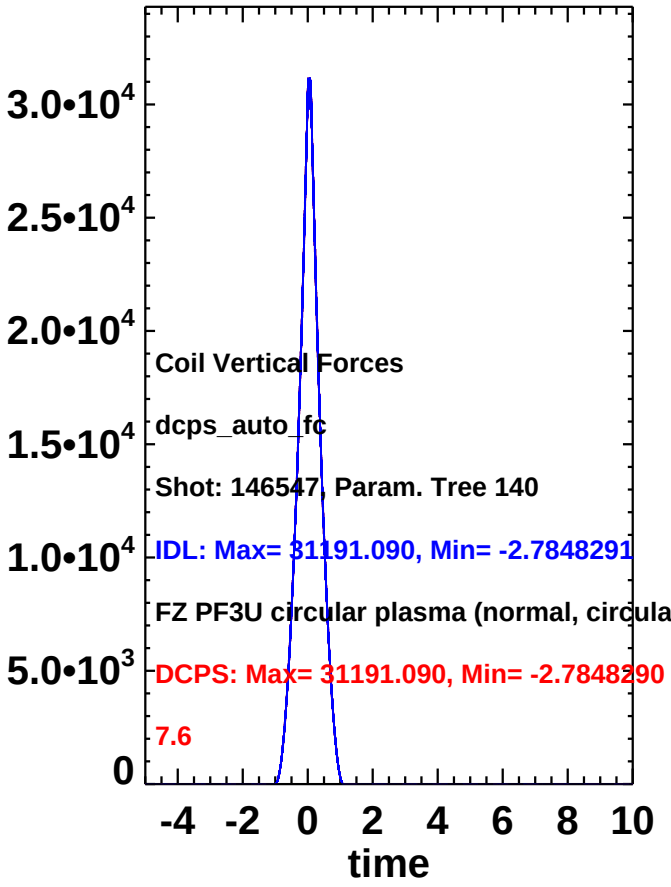

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 91.726104, Min= -98.249464
FZ PF1cU circular plasma (post. dis., shaped.)
DCPS: Max= 91.726104, Min= -98.249468
10.4
time

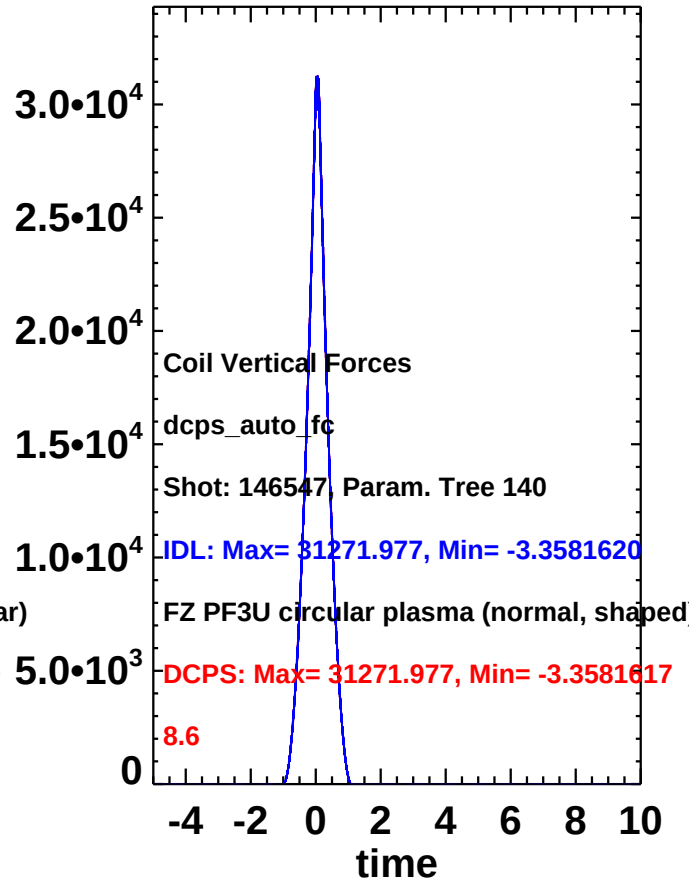

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 107.80902, Min= -97.895190
FZ PF2U circular plasma (normal, circular)
DCPS: Max= 107.80901, Min= -97.895187
7.5
time

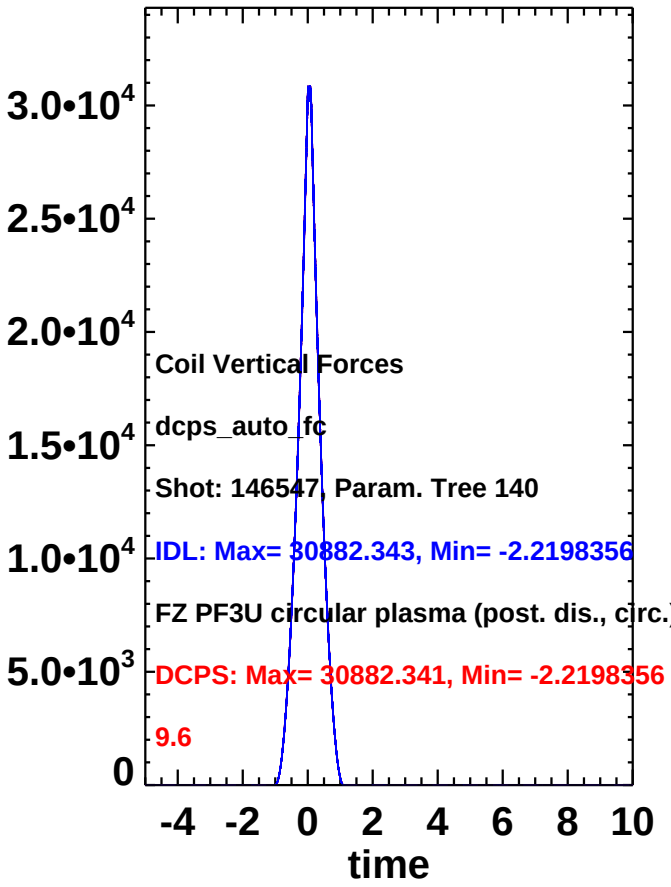

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 107.65123, Min= -98.168049
FZ PF2U circular plasma (normal, shaped)
DCPS: Max= 107.65122, Min= -98.168047
8.5
time

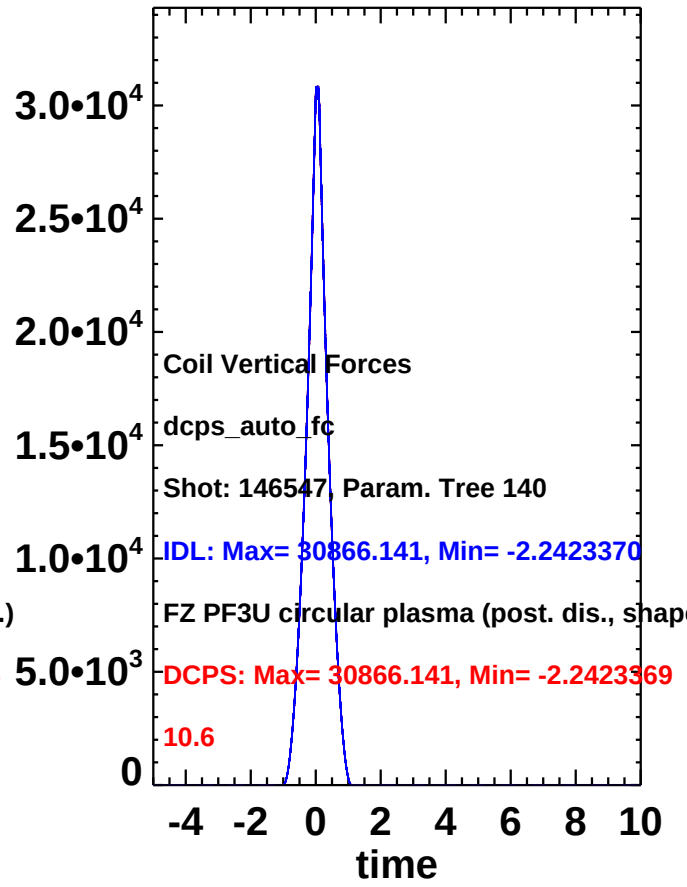

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 112.35552, Min= -108.22523
FZ PF2U circular plasma (post. dis., circ.)
DCPS: Max= 112.35552, Min= -108.22522
9.5
time

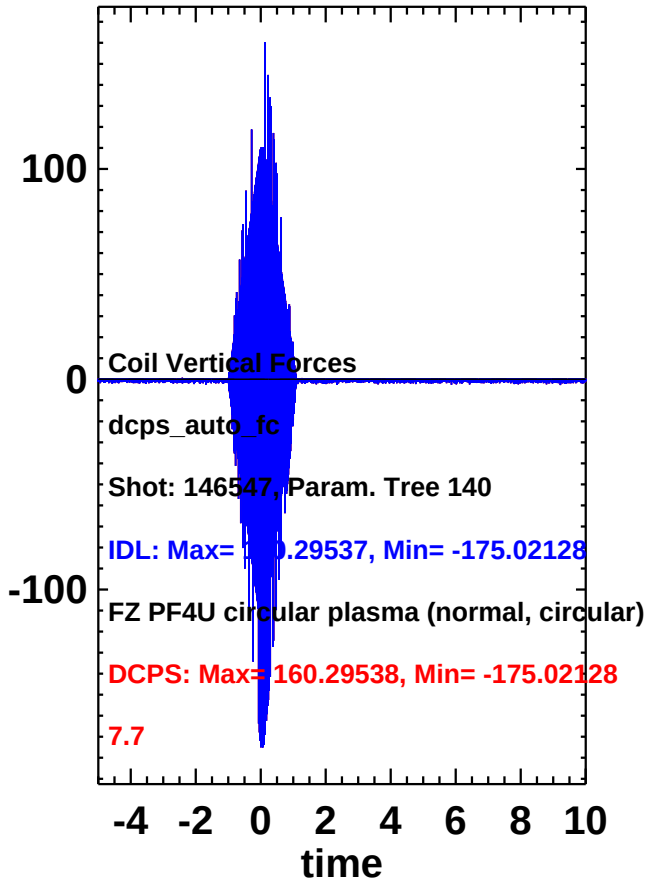

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 117.69875, Min= -123.77568
FZ PF2U circular plasma (post. dis., shaped.)
DCPS: Max= 117.69875, Min= -123.77568
10.5
time

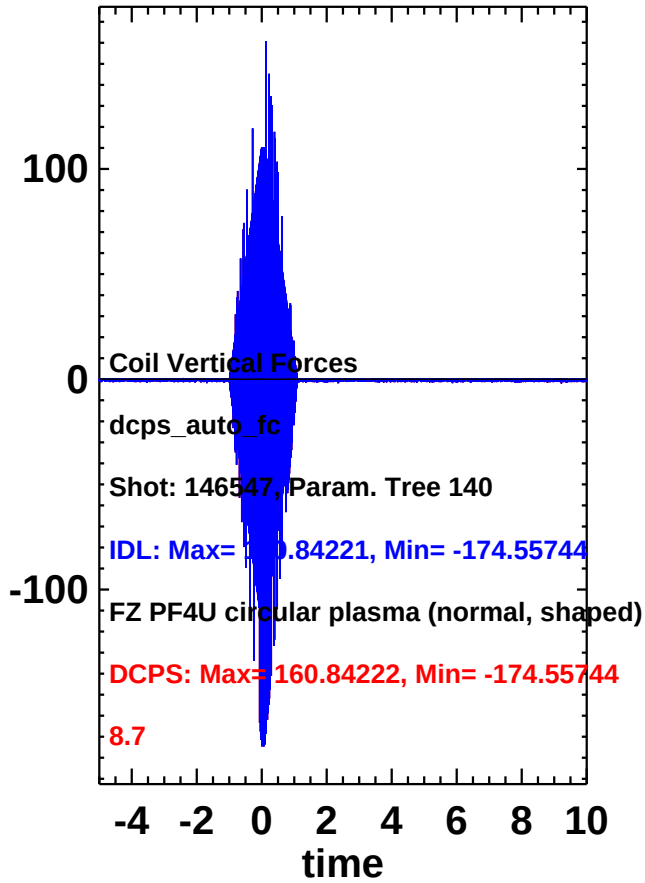

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 31191.090, Min= -2.7848291
FZ PF3U circular plasma (normal, circular)
DCPS: Max= 31191.090, Min= -2.7848290
7.6
time

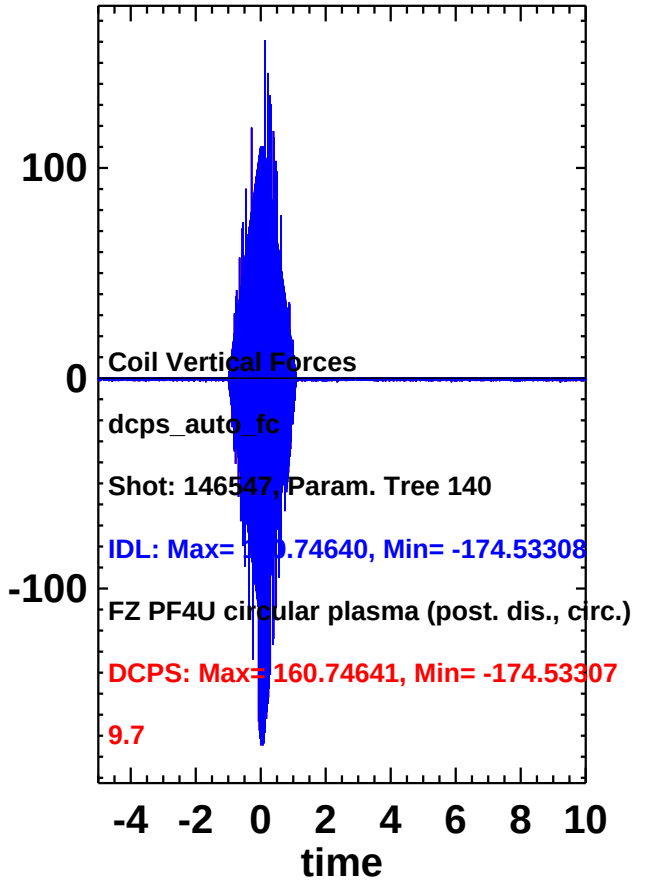

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 31271.977, Min= -3.3581620
FZ PF3U circular plasma (normal, shaped)
DCPS: Max= 31271.977, Min= -3.3581617
8.6
time

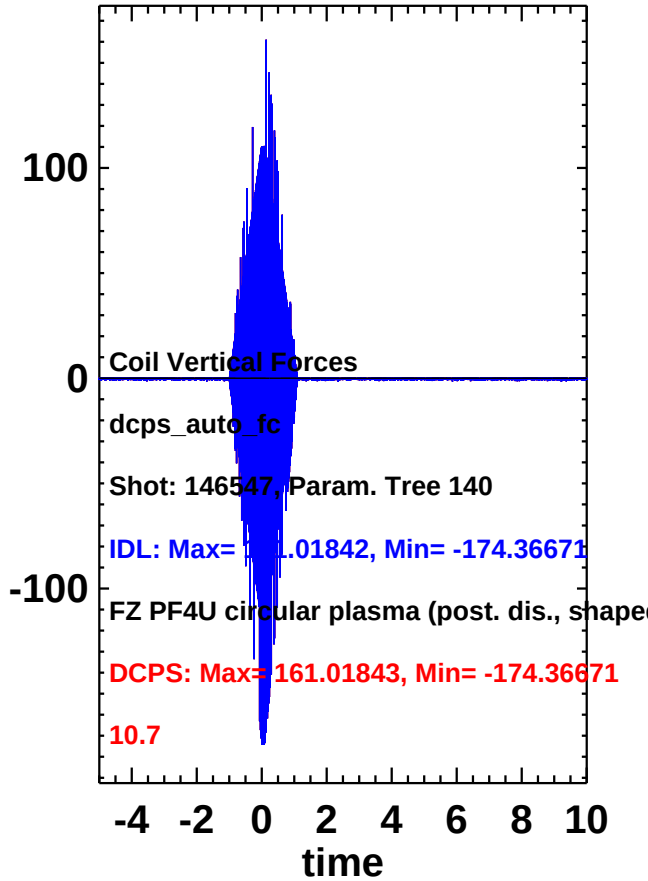

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 30882.343, Min= -2.2198356
FZ PF3U circular plasma (post. dis., circ.)
DCPS: Max= 30882.341, Min= -2.2198356
9.6
time

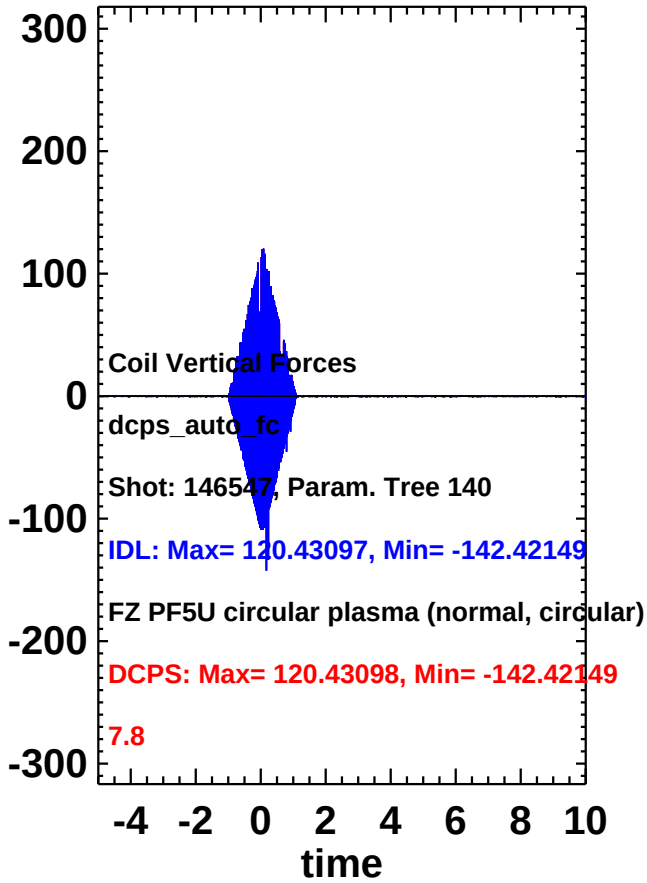

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 30866.141, Min= -2.2423370
FZ PF3U circular plasma (post. dis., shaped.)
DCPS: Max= 30866.141, Min= -2.2423369
10.6
time

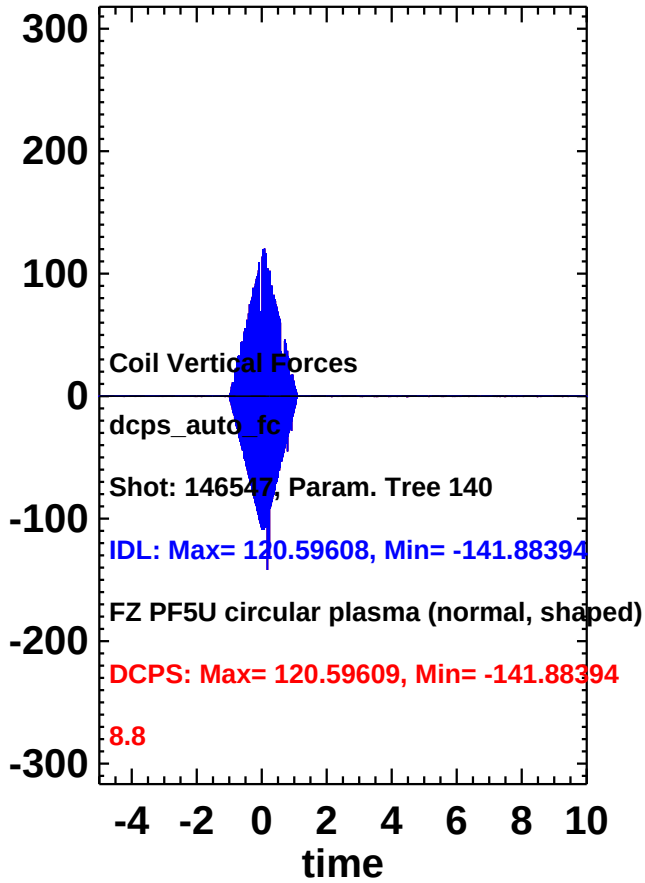

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 160.29537, Min= -175.02128
FZ PF4U circular plasma (normal, circular)
DCPS: Max= 160.29538, Min= -175.02128
7.7
100
0
-100
-4 -2 0 2 4 6 8 10
time

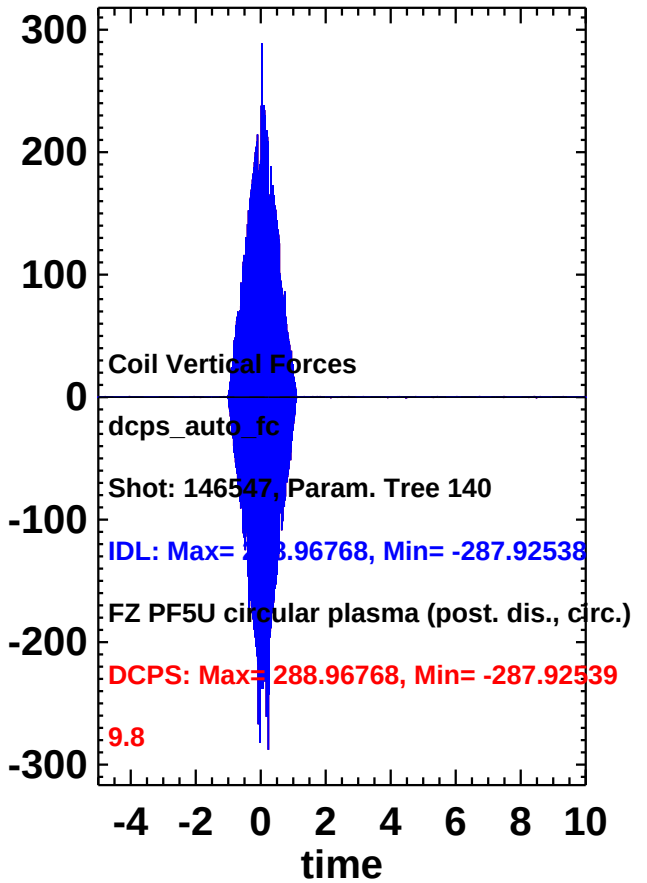

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 160.84221, Min= -174.55744
FZ PF4U circular plasma (normal, shaped)
DCPS: Max= 160.84222, Min= -174.55744
8.7
100
0
-100
-4 -2 0 2 4 6 8 10
time

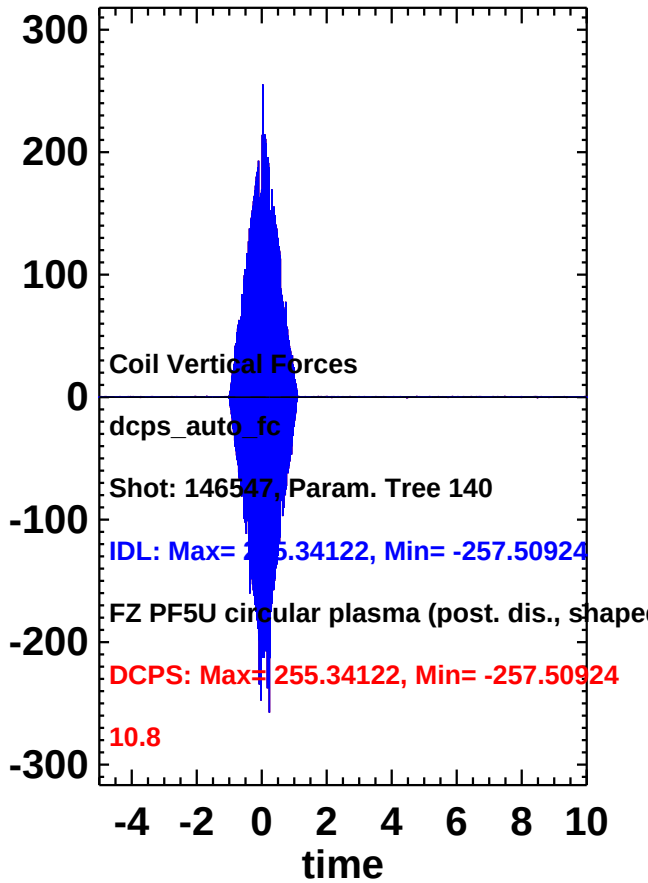

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 160.74640, Min= -174.53308
FZ PF4U circular plasma (post. dis., circ.)
DCPS: Max= 160.74641, Min= -174.53307
9.7
100
0
-100
-4 -2 0 2 4 6 8 10
time

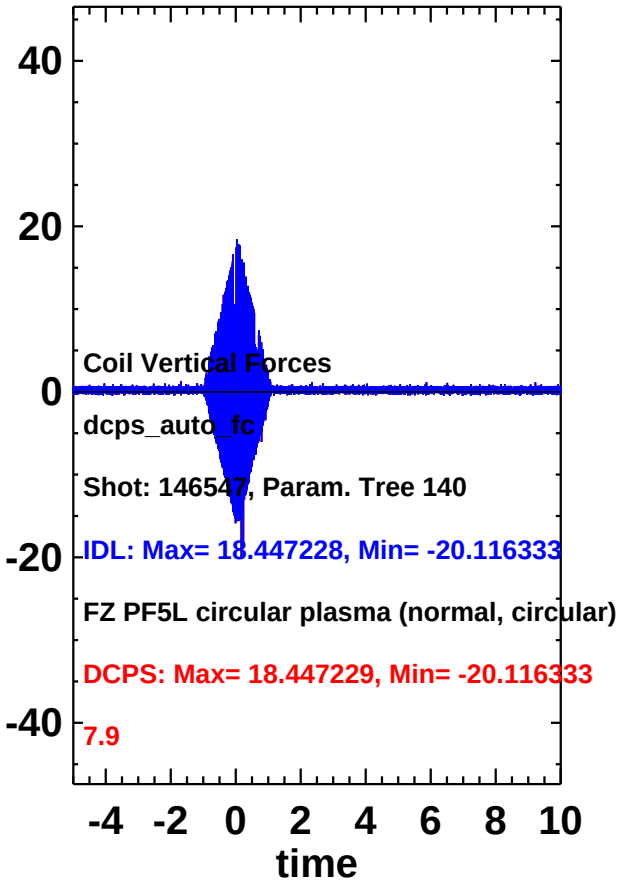

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 161.01842, Min= -174.36671
FZ PF4U circular plasma (post. dis., shaped.)
DCPS: Max= 161.01843, Min= -174.36671
10.7
100
0
-100
-4 -2 0 2 4 6 8 10
time

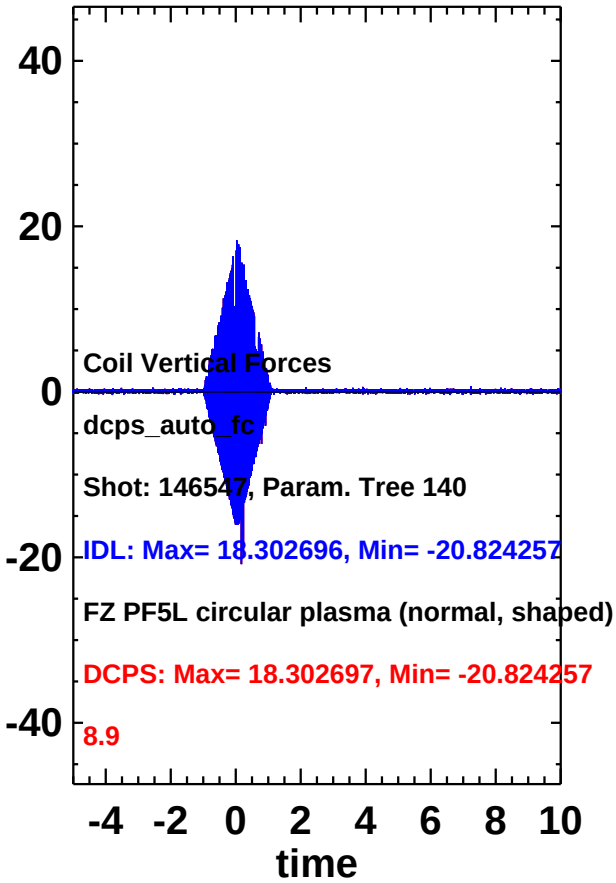

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 120.43097, Min= -142.42149
FZ PF5U circular plasma (normal, circular)
DCPS: Max= 120.43098, Min= -142.42149
7.8
time

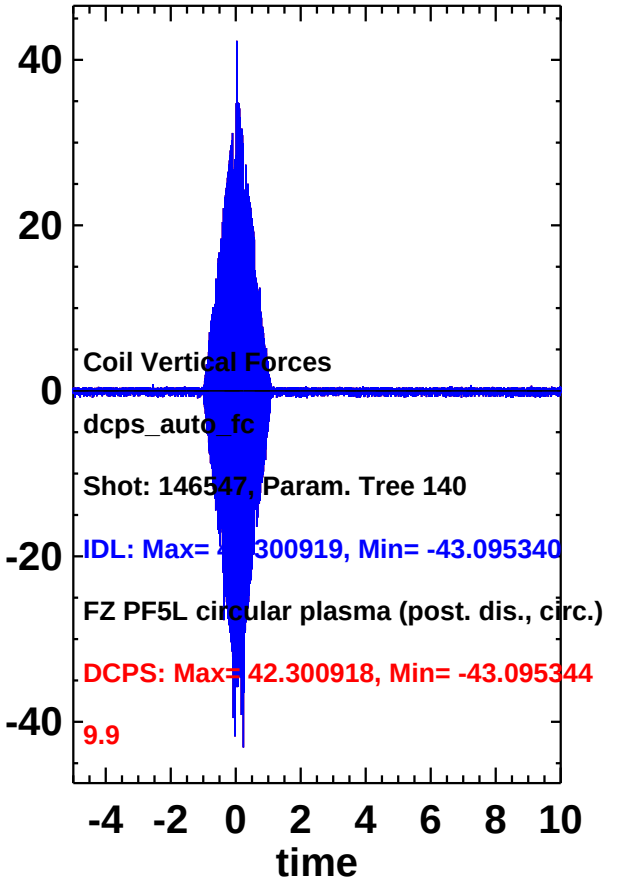

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 120.59608, Min= -141.88394
FZ PF5U circular plasma (normal, shaped)
DCPS: Max= 120.59609, Min= -141.88394
8.8
time

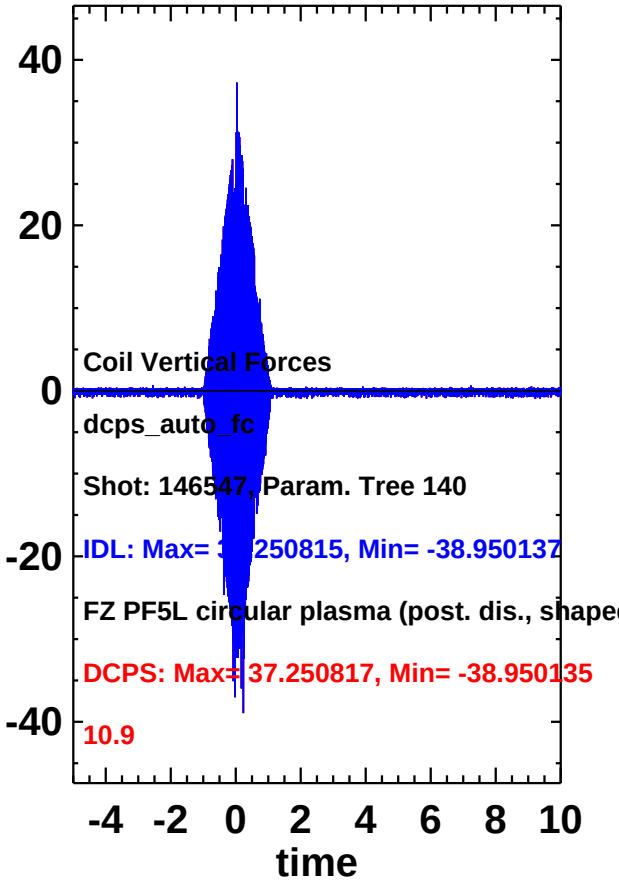

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 288.96768, Min= -287.92538
FZ PF5U circular plasma (post. dis., circ.)
DCPS: Max= 288.96768, Min= -287.92539
9.8
time

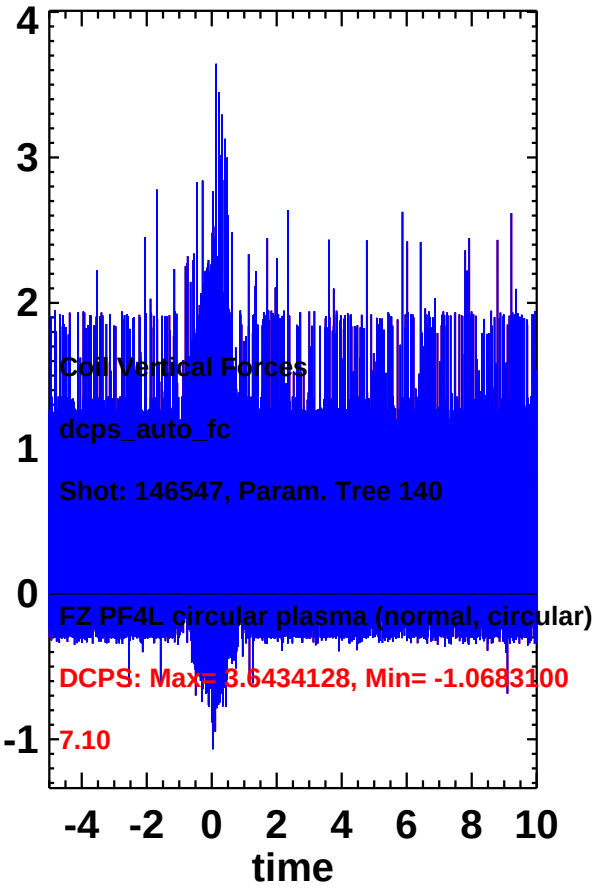

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 255.34122, Min= -257.50924
FZ PF5U circular plasma (post. dis., shaped.)
DCPS: Max= 255.34122, Min= -257.50924
10.8
time

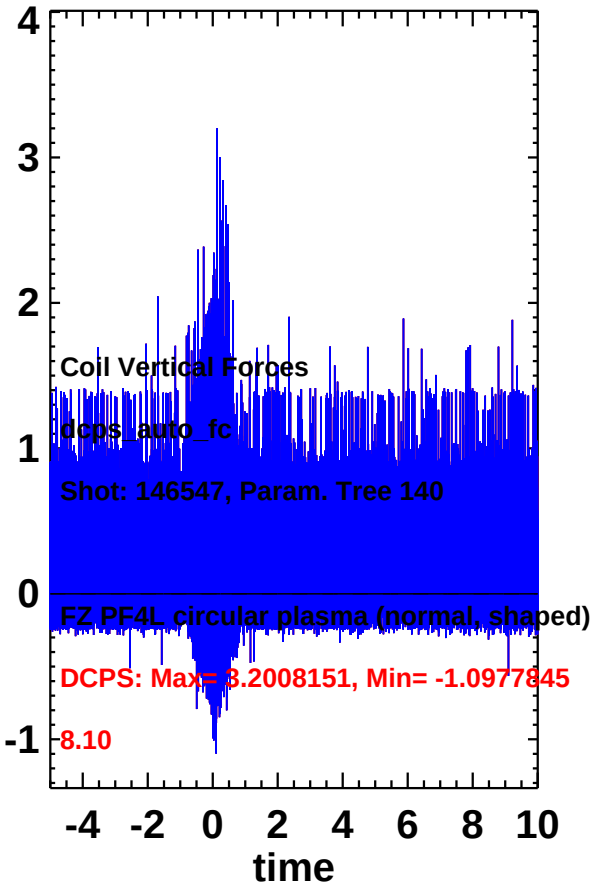

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 18.447228, Min= -20.116333
FZ PF5L circular plasma (normal, circular)
DCPS: Max= 18.447229, Min= -20.116333
7.9
40
20
0
-20
-40
-4 -2 0 2 4 6 8 10
time

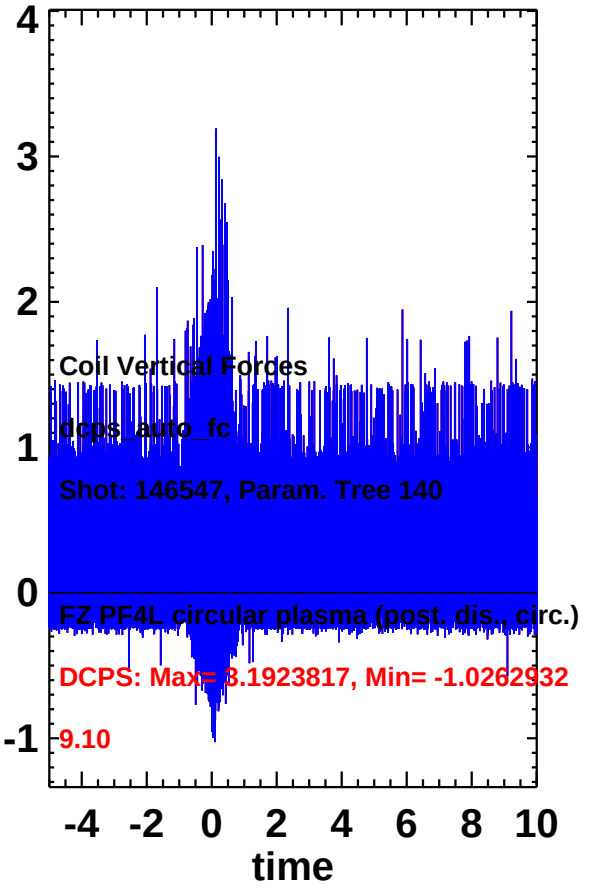

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 18.302696, Min= -20.824257
FZ PF5L circular plasma (normal, shaped)
DCPS: Max= 18.302697, Min= -20.824257
8.9
40
20
0
-20
-40
-4 -2 0 2 4 6 8 10
time

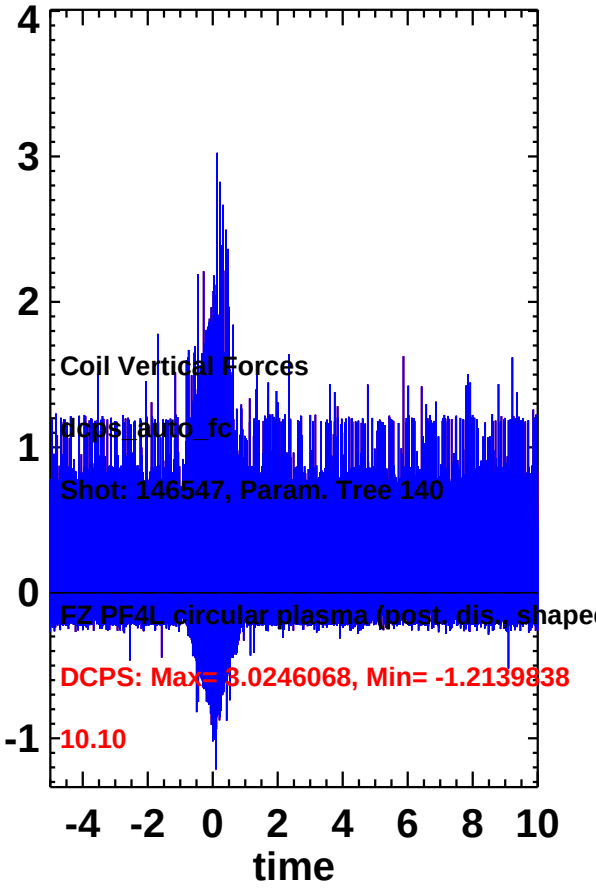

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 42.300919, Min= -43.095340
FZ PF5L circular plasma (post. dis., circ.)
DCPS: Max= 42.300918, Min= -43.095344
9.9
40
20
0
-20
-40
-4 -2 0 2 4 6 8 10
time

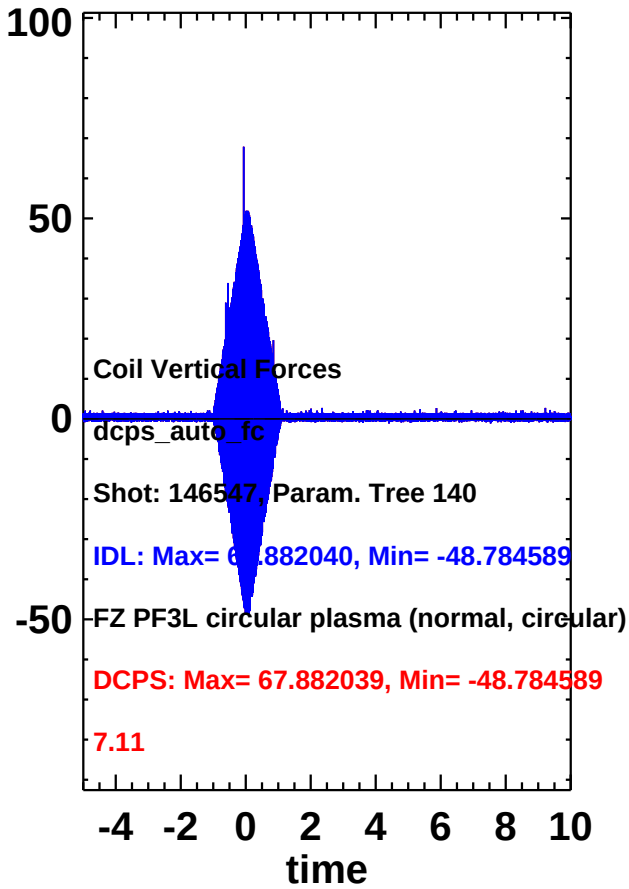

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 37.250815, Min= -38.950137
FZ PF5L circular plasma (post. dis., shaped.)
DCPS: Max= 37.250817, Min= -38.950135
10.9
40
20
0
-20
-40
-4 -2 0 2 4 6 8 10
time

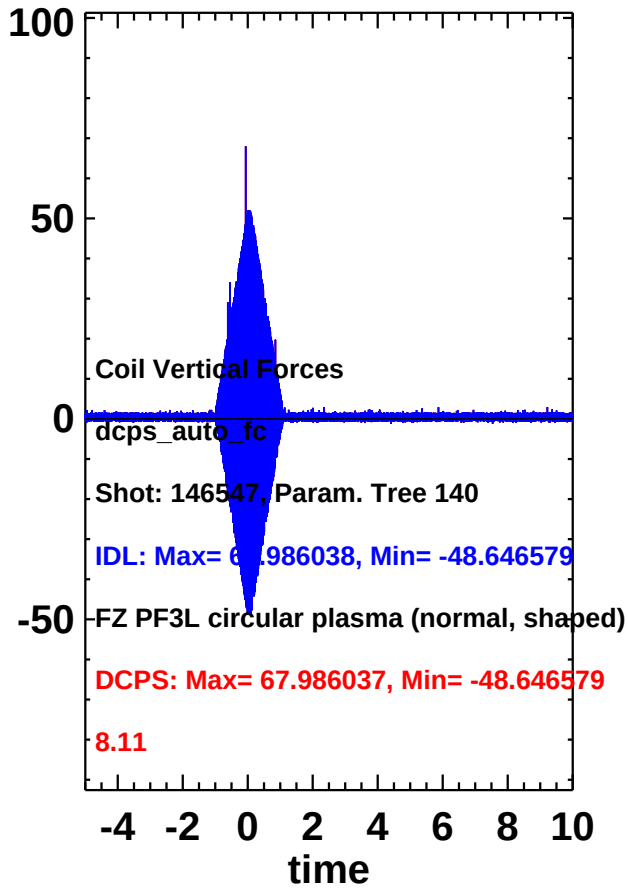

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
FZ PF4L circular plasma (normal, circular)
DCPS: Max= 3.6434128, Min= -1.0683100
7.10
time

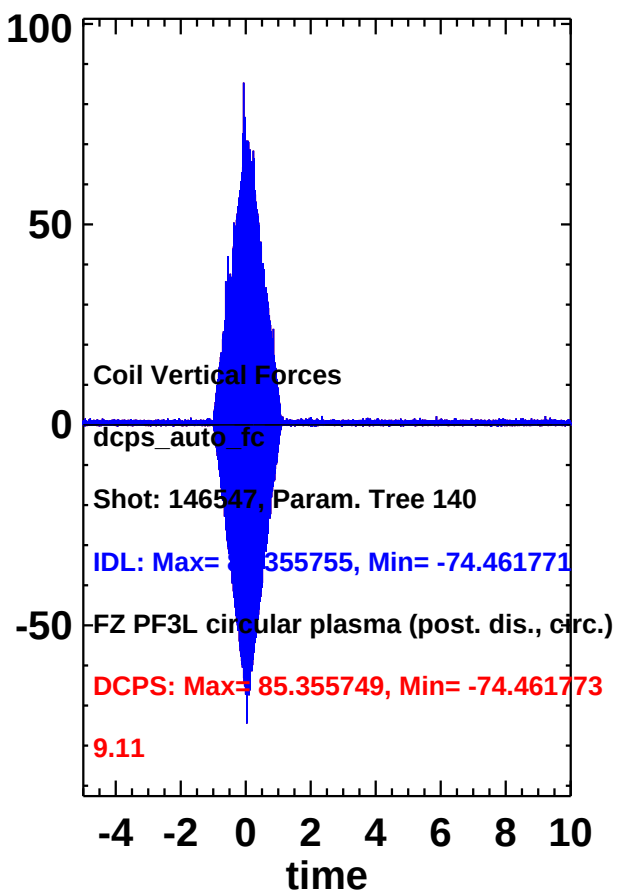

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
FZ PF4L circular plasma (normal, shaped)
DCPS: Max= 3.2008151, Min= -1.0977845
8.10
time

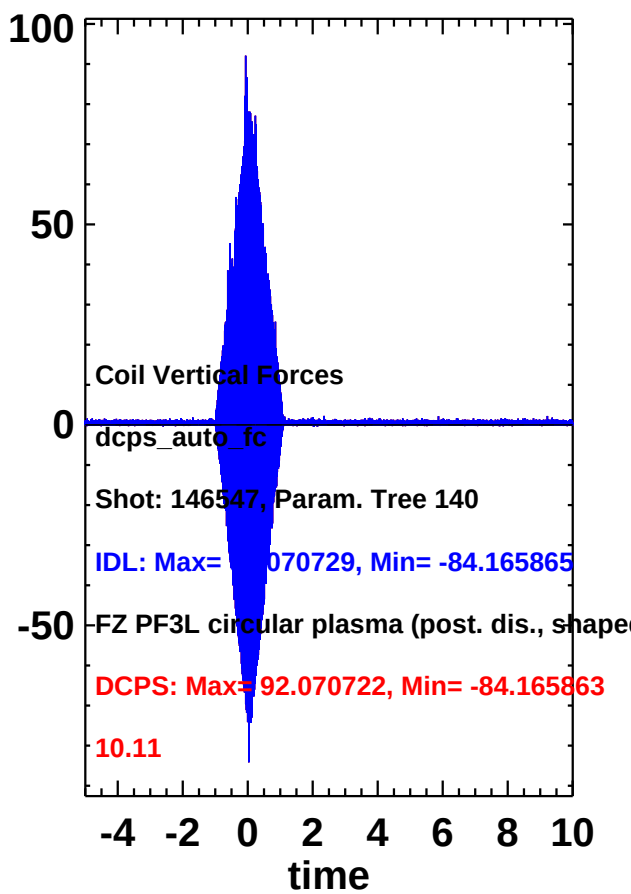

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
FZ PF4L circular plasma (post. dis., circ.)
DCPS: Max= 3.1923817, Min= -1.0262932
9.10
time

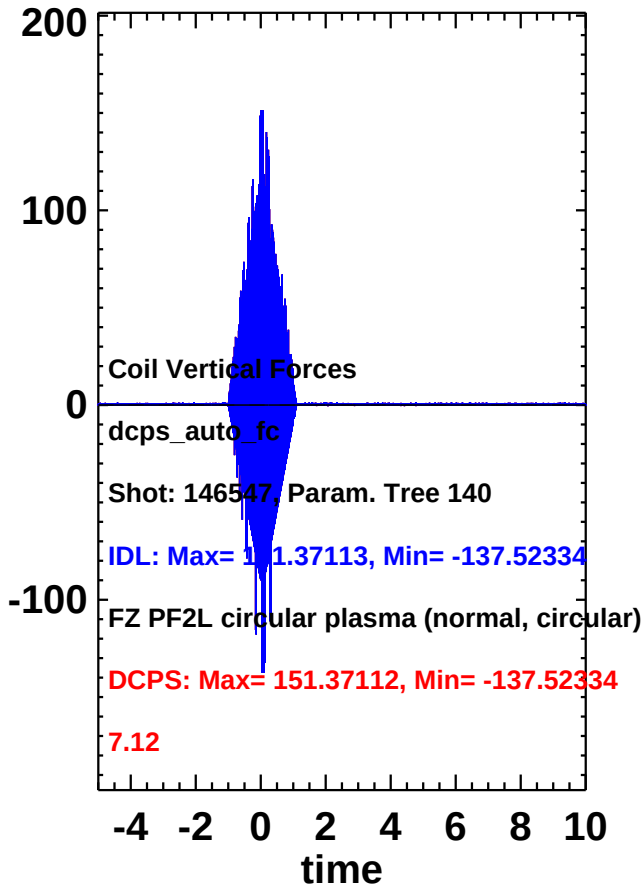

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
FZ PF4L circular plasma (post. dis., shaped.)
DCPS: Max= 3.0246068, Min= -1.2139838
10.10
time

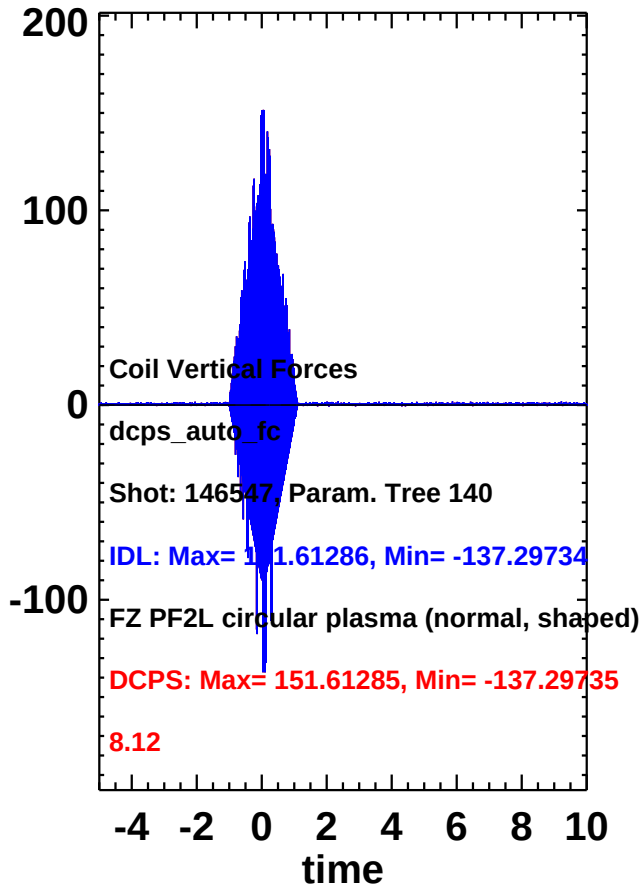

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 67.882040, Min= -48.784589
FZ PF3L circular plasma (normal, circular)
DCPS: Max= 67.882039, Min= -48.784589
7.11
time

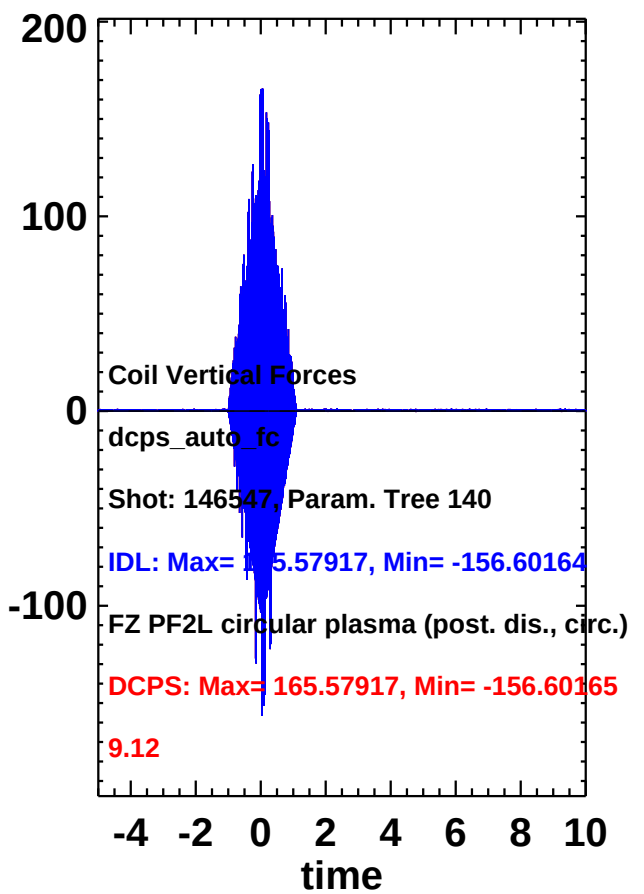

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 67.986038, Min= -48.646579
FZ PF3L circular plasma (normal, shaped)
DCPS: Max= 67.986037, Min= -48.646579
8.11
time

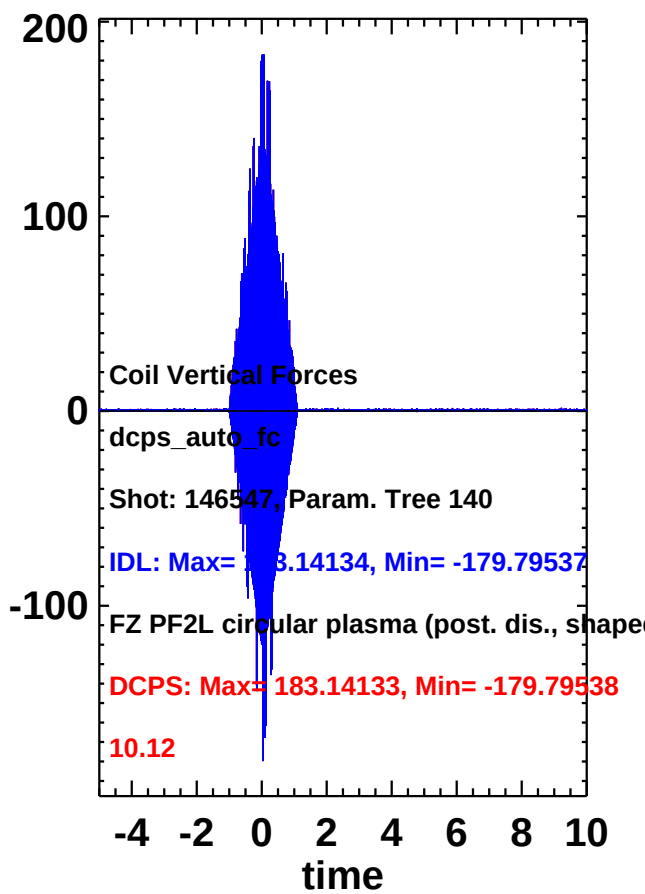

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 85.355755, Min= -74.461771
FZ PF3L circular plasma (post. dis., circ.)
DCPS: Max= 85.355749, Min= -74.461773
9.11
time

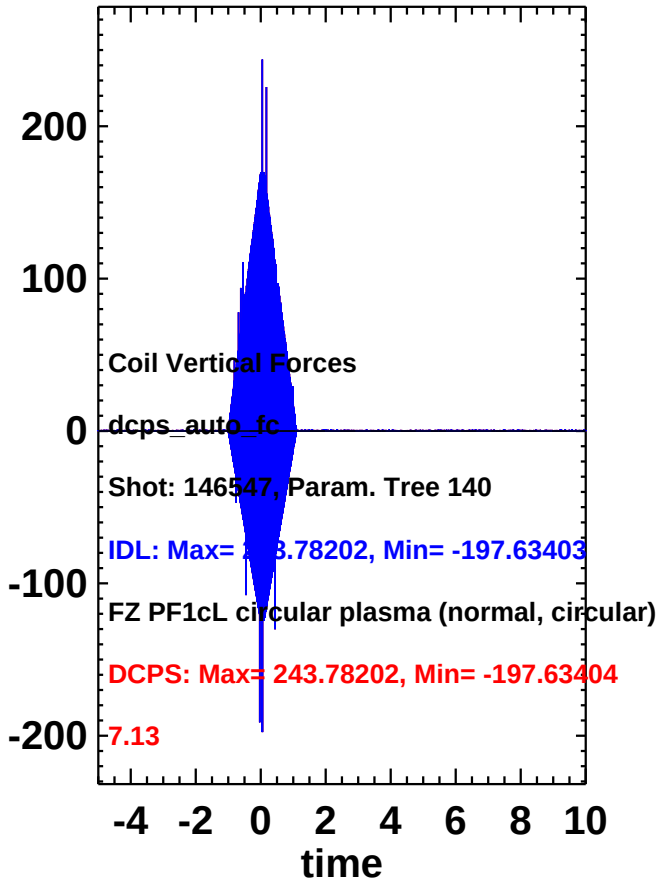

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 92.070729, Min= -84.165865
FZ PF3L circular plasma (post. dis., shaped.)
DCPS: Max= 92.070722, Min= -84.165863
10.11
time

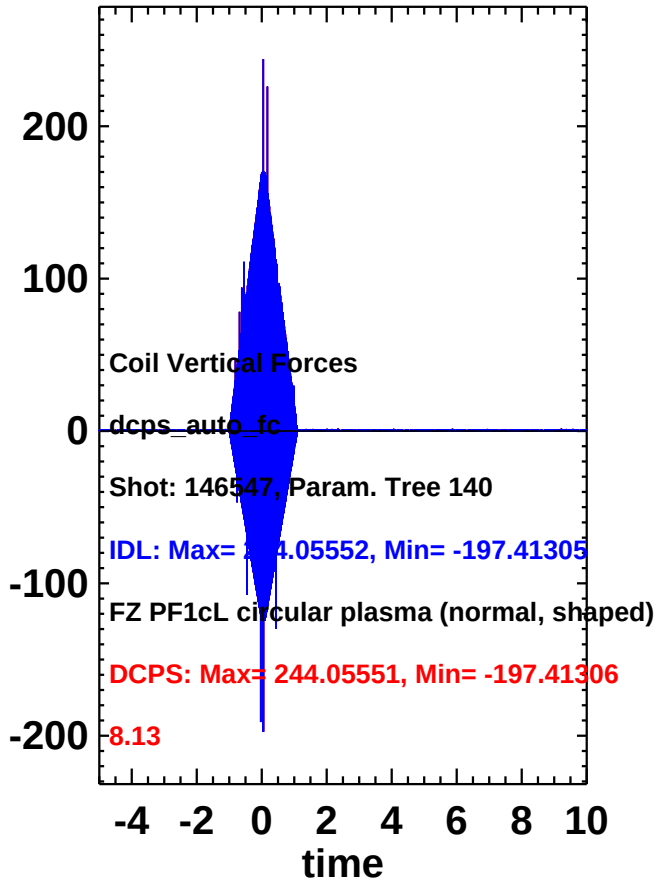

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 151.37113, Min= -137.52334
FZ PF2L circular plasma (normal, circular)
DCPS: Max= 151.37112, Min= -137.52334
7.12
time

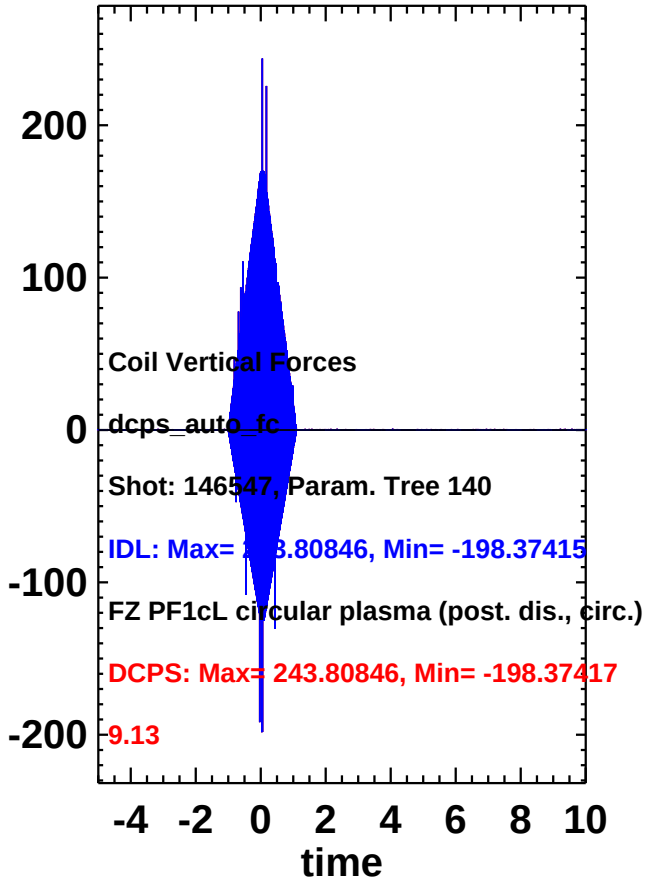

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 151.61286, Min= -137.29734
FZ PF2L circular plasma (normal, shaped)
DCPS: Max= 151.61285, Min= -137.29735
8.12
time

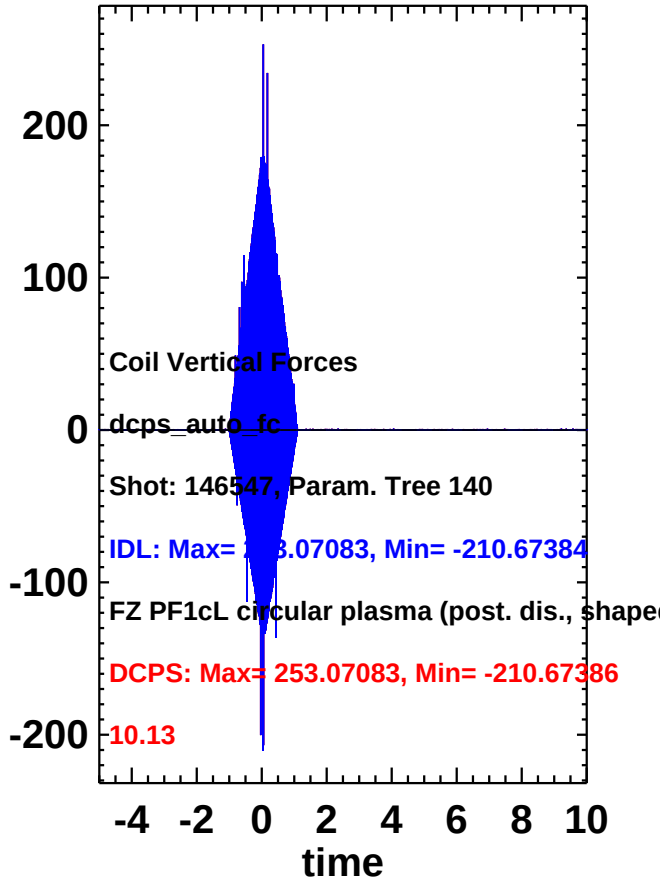

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 165.57917, Min= -156.60164
FZ PF2L circular plasma (post. dis., circ.)
DCPS: Max= 165.57917, Min= -156.60165
9.12
time

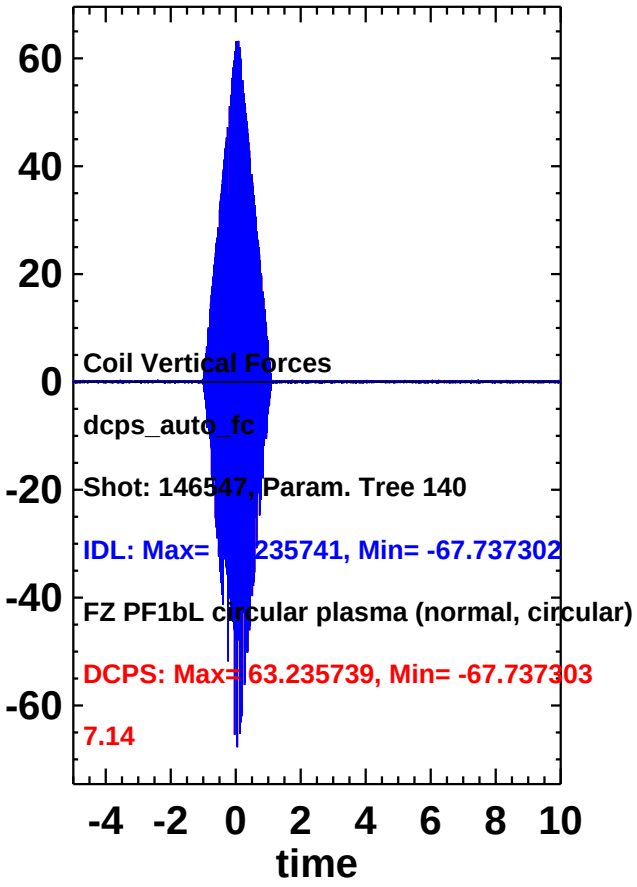

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 183.14134, Min= -179.79537
FZ PF2L circular plasma (post. dis., shaped.)
DCPS: Max= 183.14133, Min= -179.79538
10.12
time

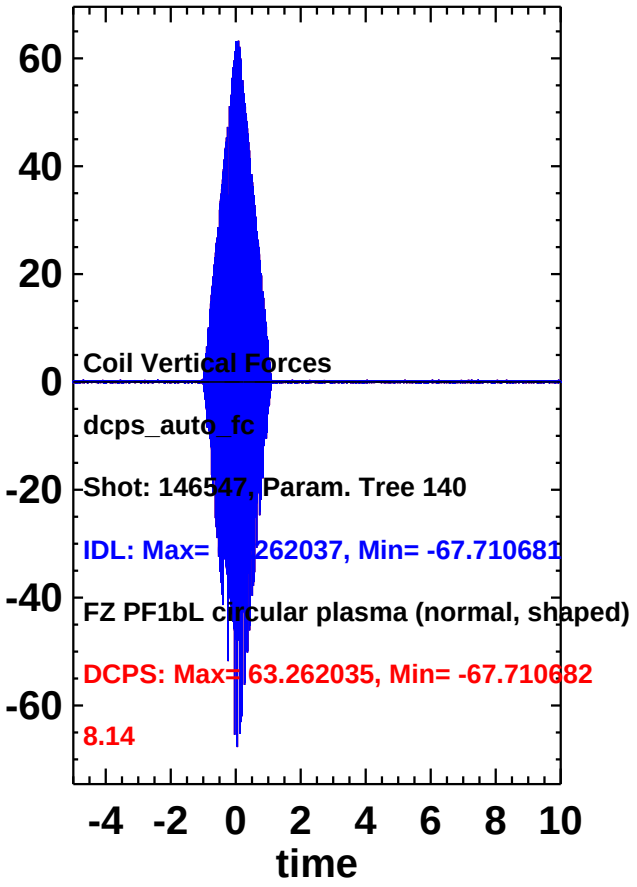

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 243.78202, Min= -197.63403
FZ PF1cL circular plasma (normal, circular)
DCPS: Max= 243.78202, Min= -197.63404
7.13
200
100
0
-100
-200
-4 -2 0 2 4 6 8 10
time

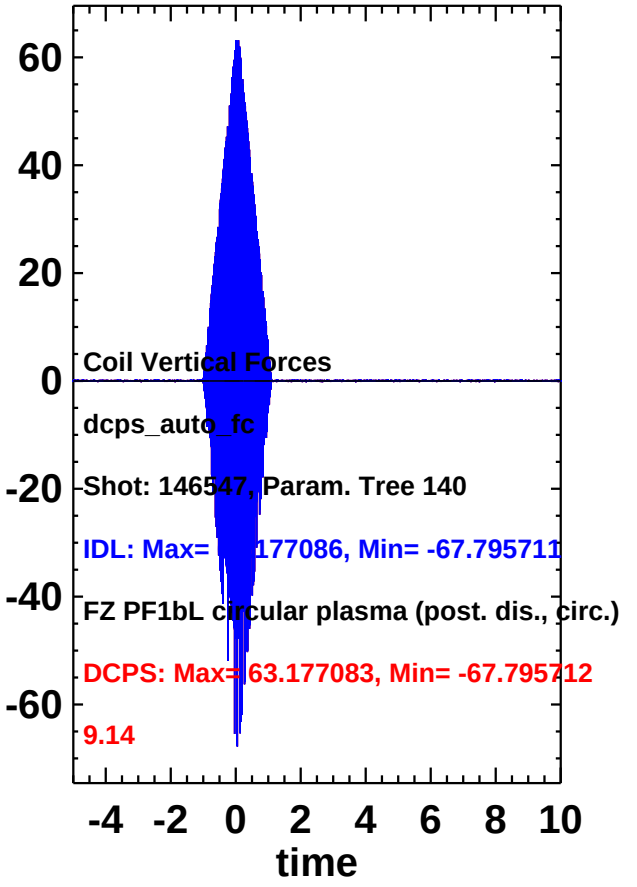

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 244.05552, Min= -197.41305
FZ PF1cL circular plasma (normal, shaped)
DCPS: Max= 244.05551, Min= -197.41306
8.13
200
100
0
-100
-200
-4 -2 0 2 4 6 8 10
time

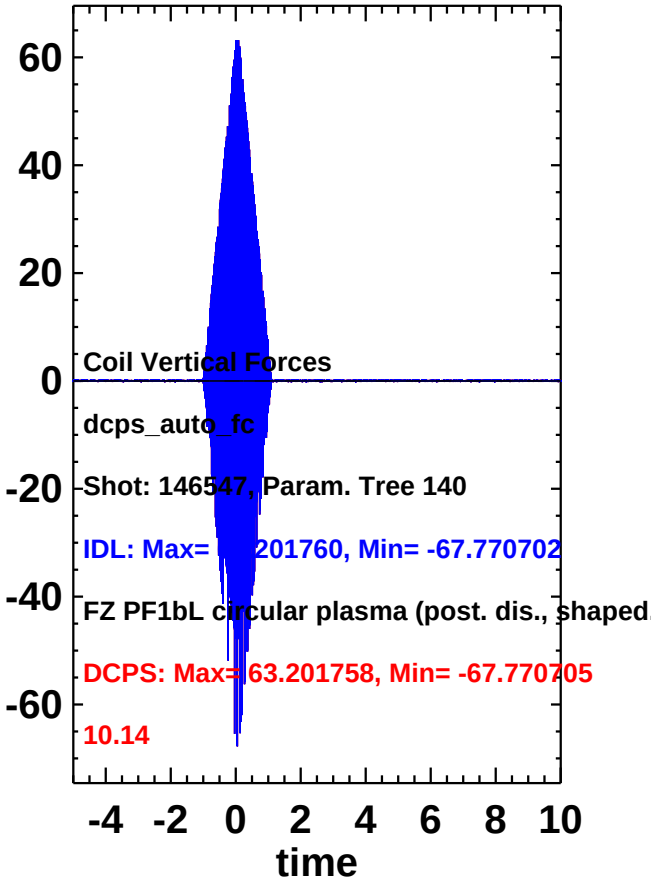

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 243.80846, Min= -198.37415
FZ PF1cL circular plasma (post. dis., circ.)
DCPS: Max= 243.80846, Min= -198.37417
9.13
200
100
0
-100
-200
-4 -2 0 2 4 6 8 10
time

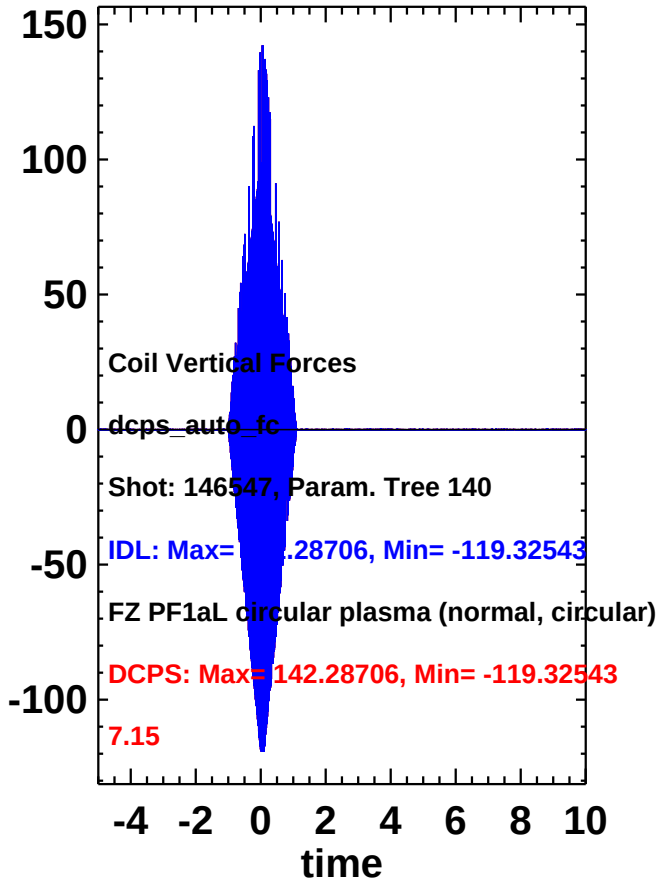

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 253.07083, Min= -210.67384
FZ PF1cL circular plasma (post. dis., shaped.)
DCPS: Max= 253.07083, Min= -210.67386
10.13
200
100
0
-100
-200
-4 -2 0 2 4 6 8 10
time

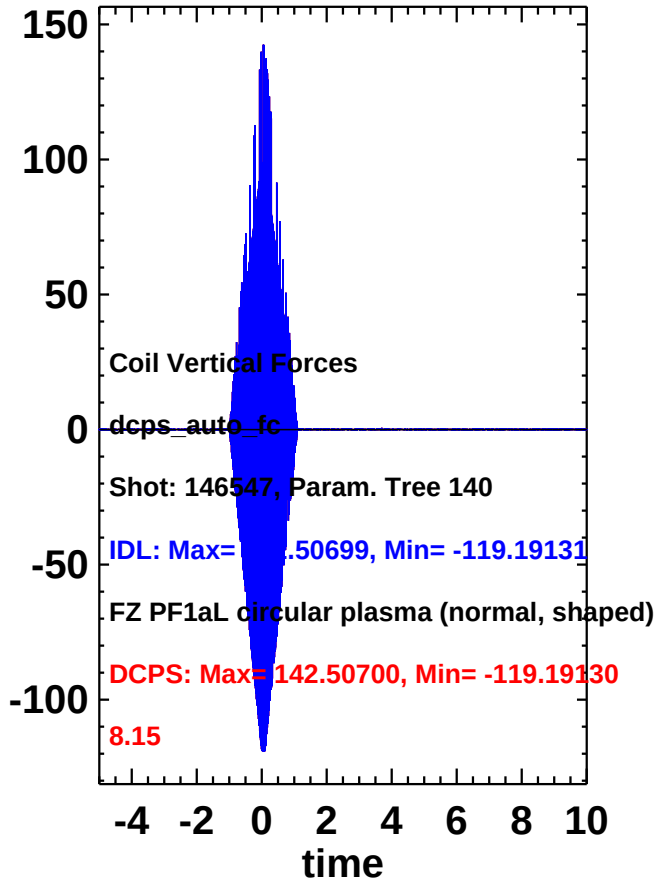

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 235741, Min= -67.737302
FZ PF1bL circular plasma (normal, circular)
DCPS: Max= 63.235739, Min= -67.737303
7.14
time

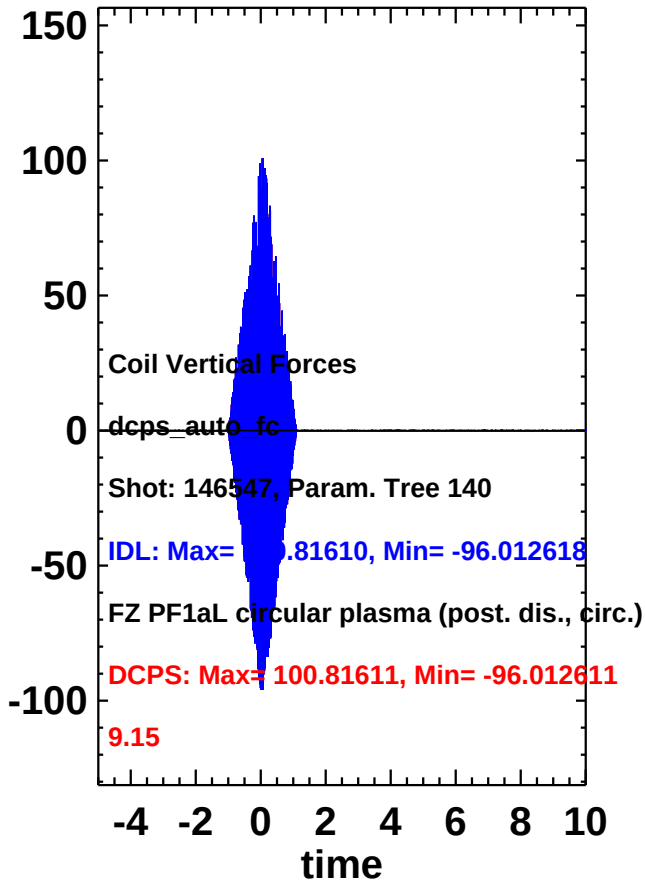

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 262037, Min= -67.710681
FZ PF1bL circular plasma (normal, shaped)
DCPS: Max= 63.262035, Min= -67.710682
8.14
time

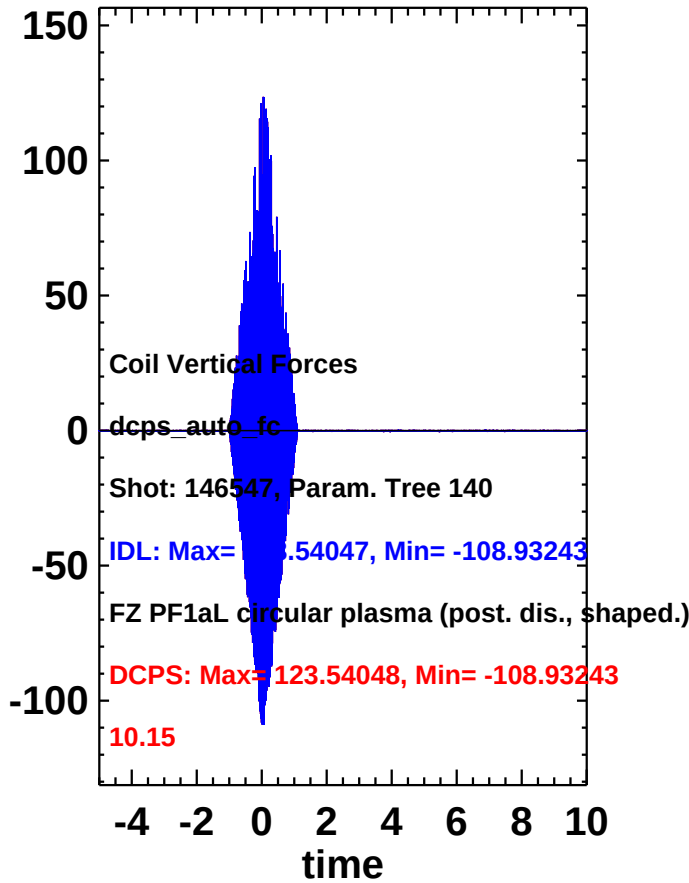

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 177086, Min= -67.795711
FZ PF1bL circular plasma (post. dis., circ.)
DCPS: Max= 63.177083, Min= -67.795712
9.14
time

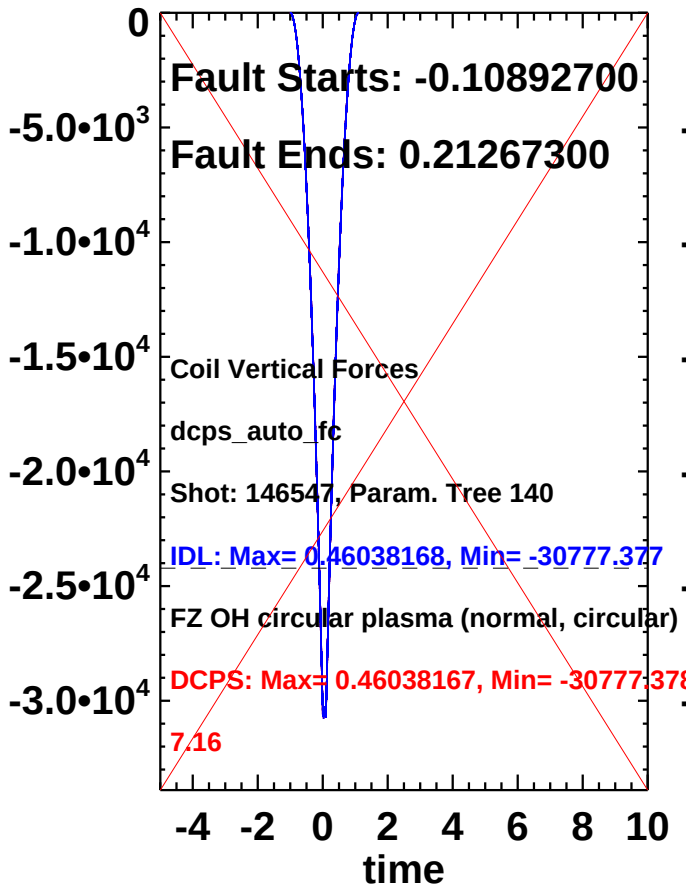

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 201760, Min= -67.770702
FZ PF1bL circular plasma (post. dis., shaped.)
DCPS: Max= 63.201758, Min= -67.770705
10.14
time

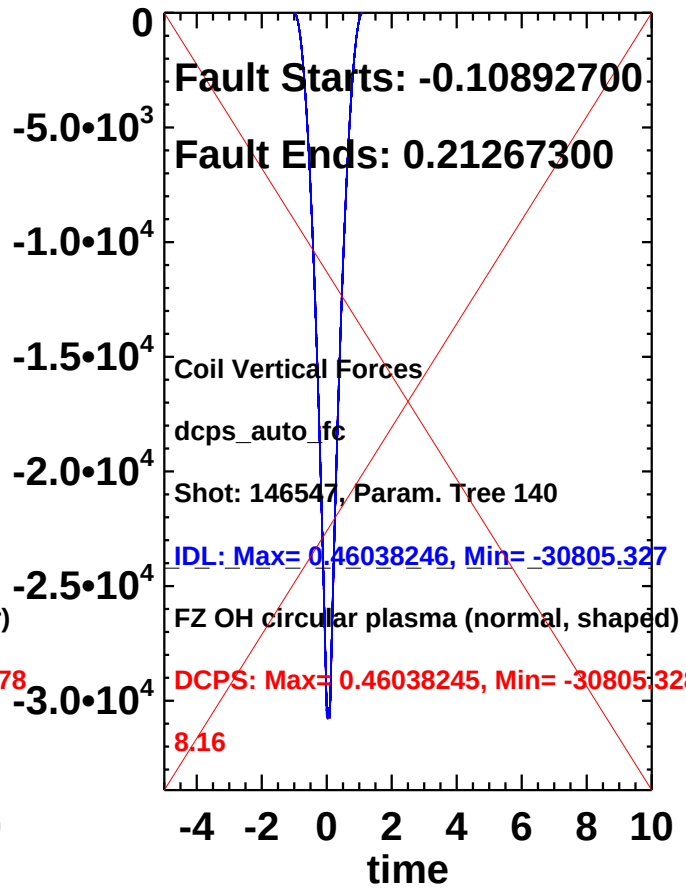

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= .28706, Min= -119.32543
FZ PF1aL circular plasma (normal, circular)
DCPS: Max= 142.28706, Min= -119.32543
7.15
time

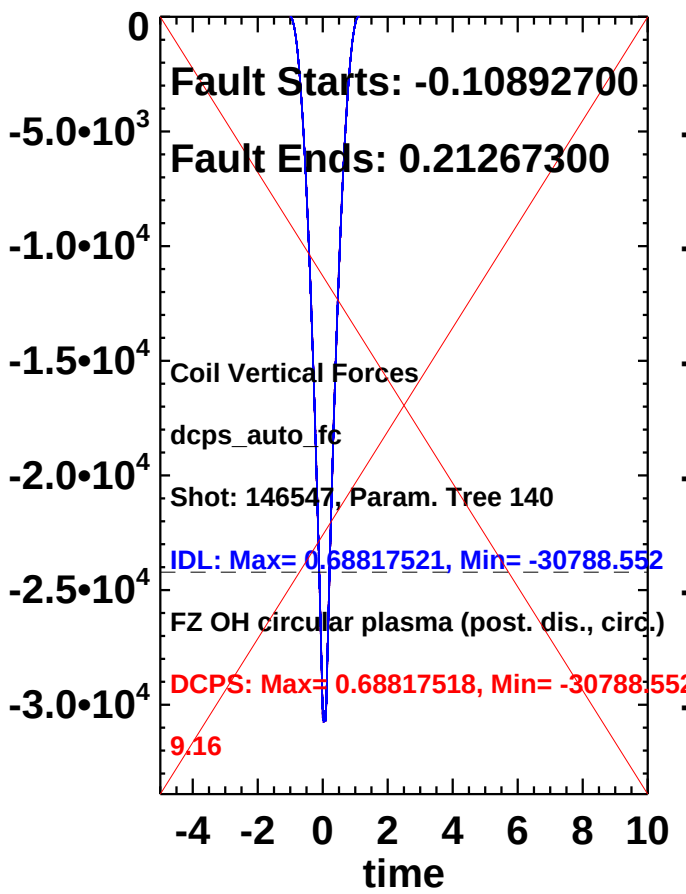

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= .50699, Min= -119.19131
FZ PF1aL circular plasma (normal, shaped)
DCPS: Max= 142.50700, Min= -119.19130
8.15
time

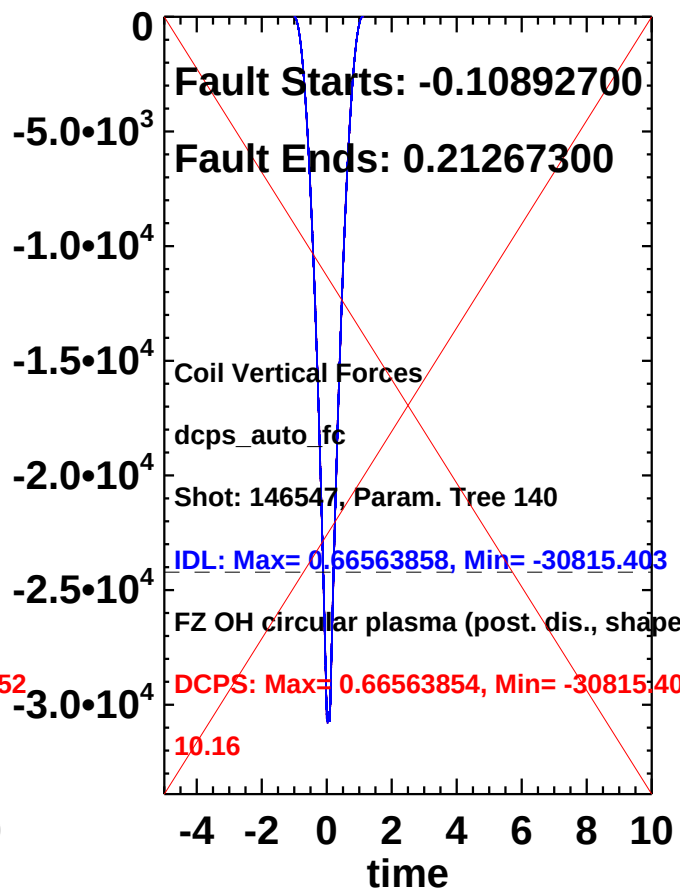

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= .81610, Min= -96.012618
FZ PF1aL circular plasma (post. dis., circ.)
DCPS: Max= 100.81611, Min= -96.012611
9.15
time

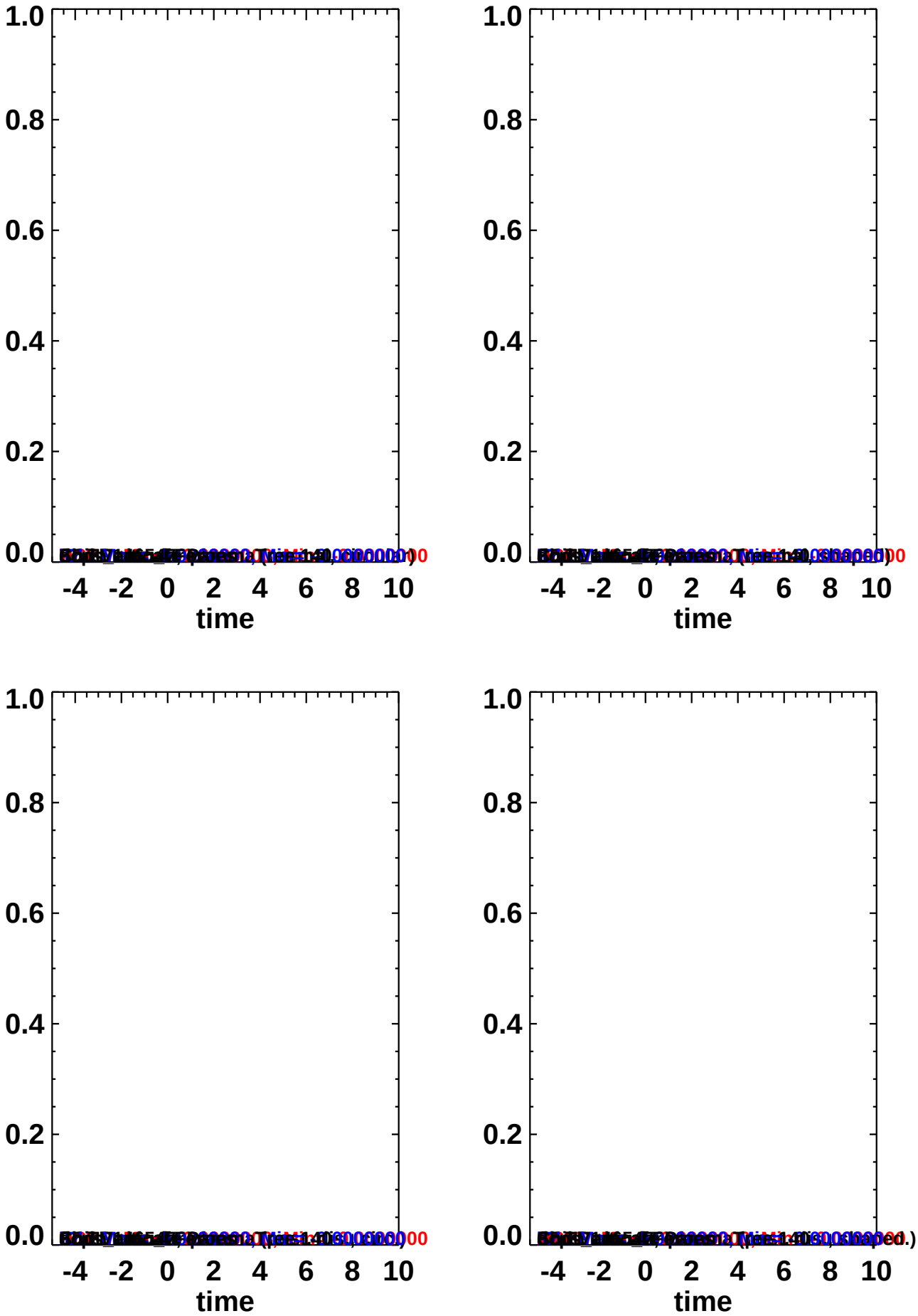

Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= .54047, Min= -108.93243
FZ PF1aL circular plasma (post. dis., shaped.)
DCPS: Max= 123.54048, Min= -108.93243
10.15
time


Fault Starts: -0.10892700
Fault Ends: 0.21267300
Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 0.46038168, Min= -30777.377
FZ OH circular plasma (normal, circular)
DCPS: Max= 0.46038167, Min= -30777.378
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 8 10
time


Fault Starts: -0.10892700
Fault Ends: 0.21267300
Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 0.46038246, Min= -30805.327
FZ OH circular plasma (normal, shaped)
DCPS: Max= 0.46038245, Min= -30805.328
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 8 10
time


Fault Starts: -0.10892700
Fault Ends: 0.21267300
Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 0.68817521, Min= -30788.552
FZ OH circular plasma (post. dis., circ.)
DCPS: Max= 0.68817518, Min= -30788.552
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 8 10
time


Fault Starts: -0.10892700
Fault Ends: 0.21267300
Coil Vertical Forces
dcps_auto_fc
Shot: 146547, Param. Tree 140
IDL: Max= 0.66563858, Min= -30815.403
FZ OH circular plasma (post. dis., shaped.)
DCPS: Max= 0.66563854, Min= -30815.403
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 10
time


1.0
0.8
0.6
0.4
0.2
0.0
-4 -2 0 2 4 6 8 10
time