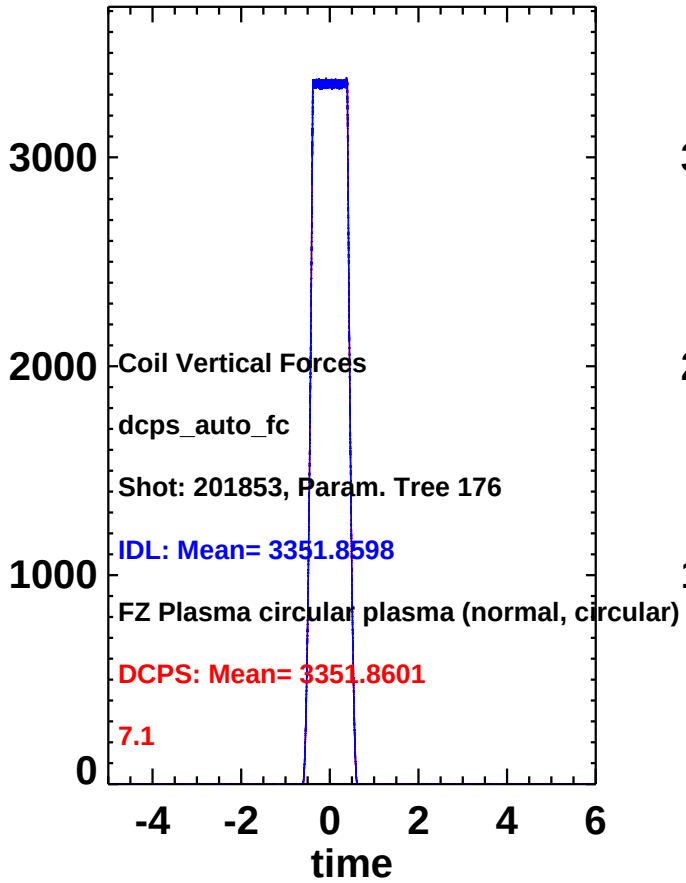
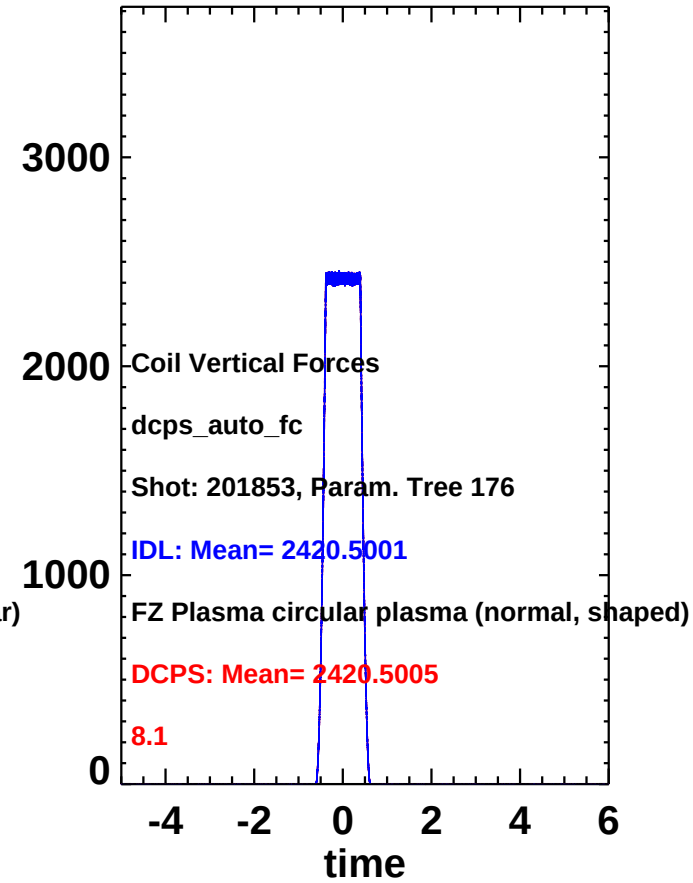
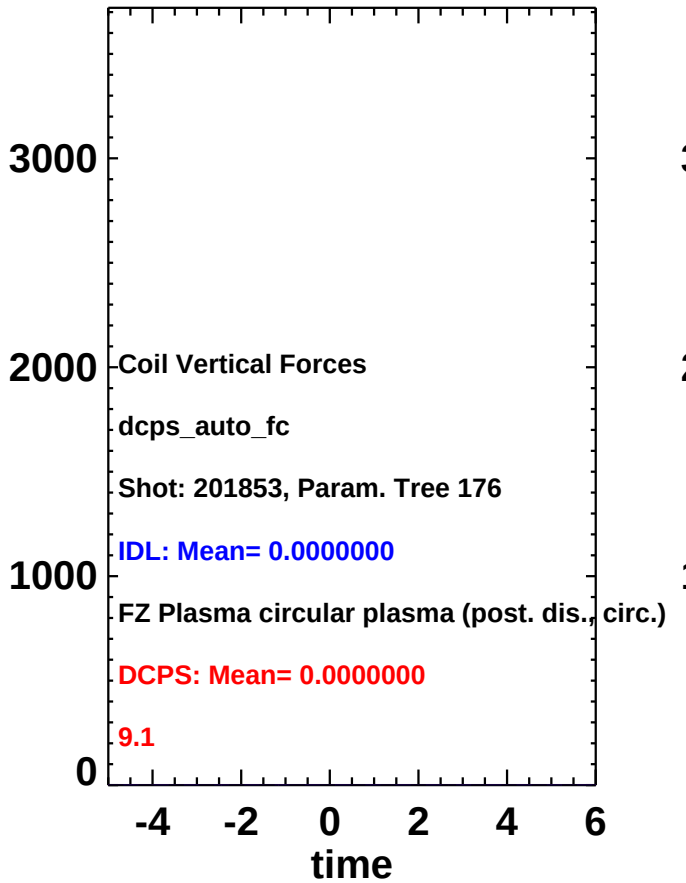
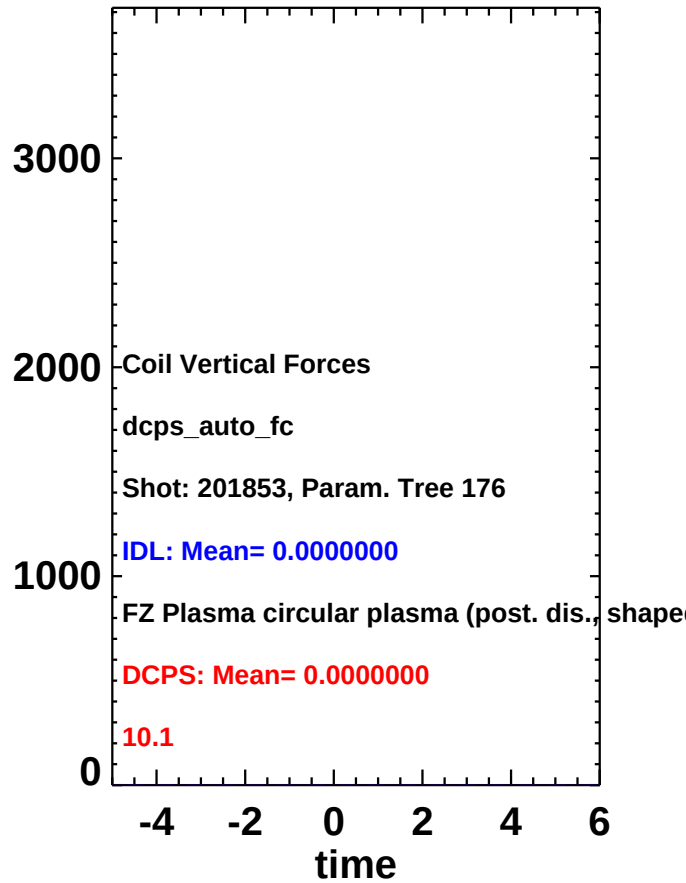
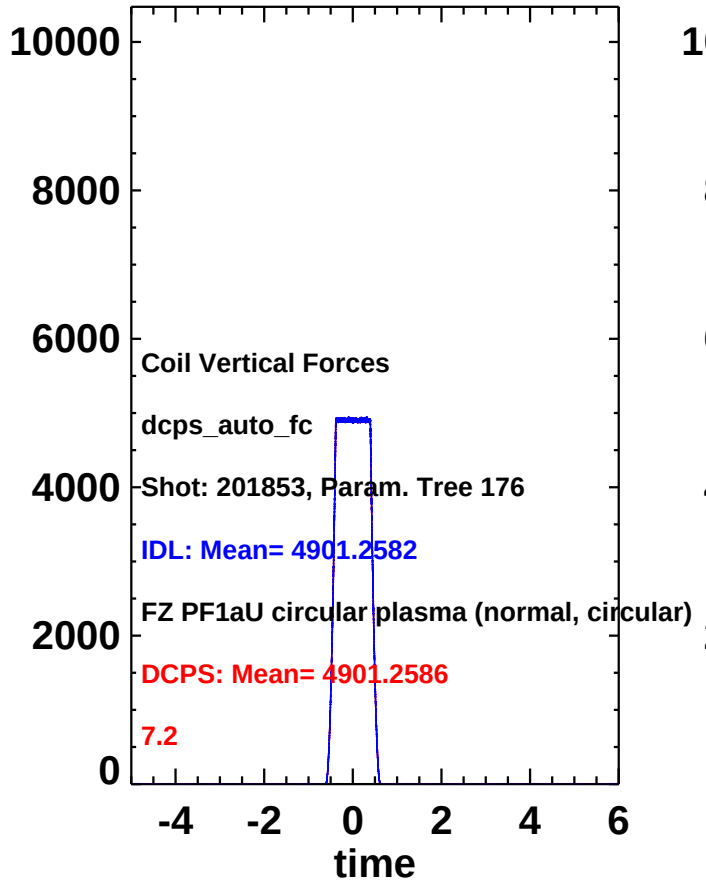
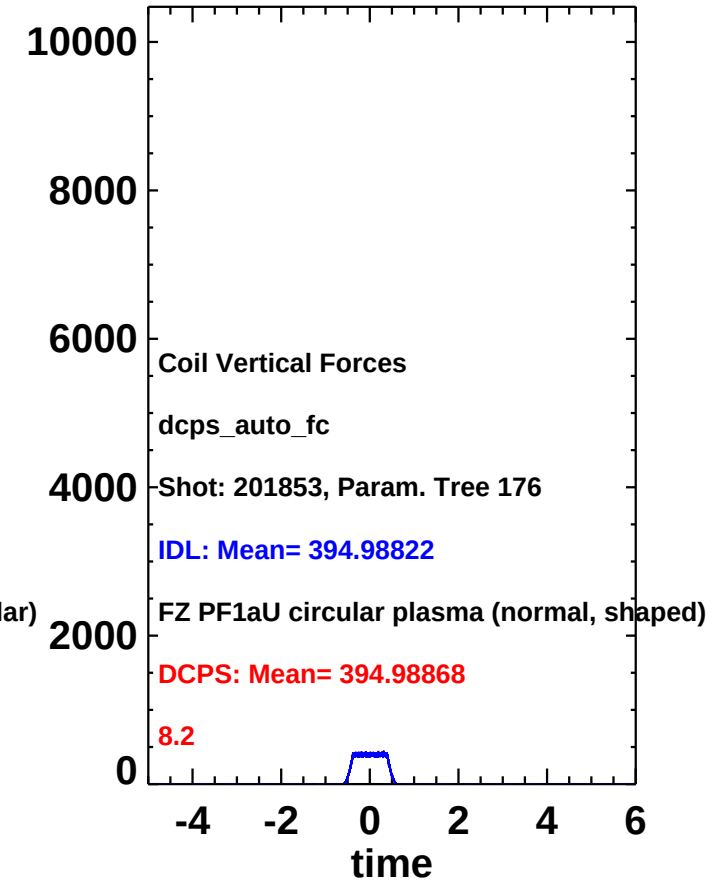

Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 3351.8598
FZ Plasma circular plasma (normal, circular)
DCPS: Mean= 3351.8601
7.1
3000
2000
1000
0
-4
-2
0
2
4
6
time

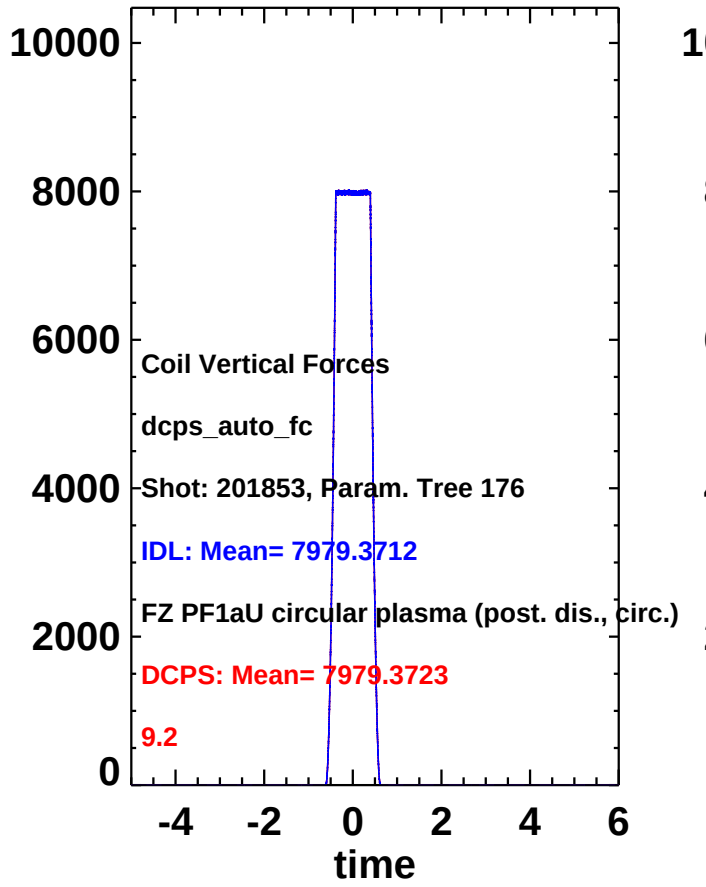

Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 2420.5001
FZ Plasma circular plasma (normal, shaped)
DCPS: Mean= 2420.5005
8.1
3000
2000
1000
0
-4
-2
0
2
4
6
time

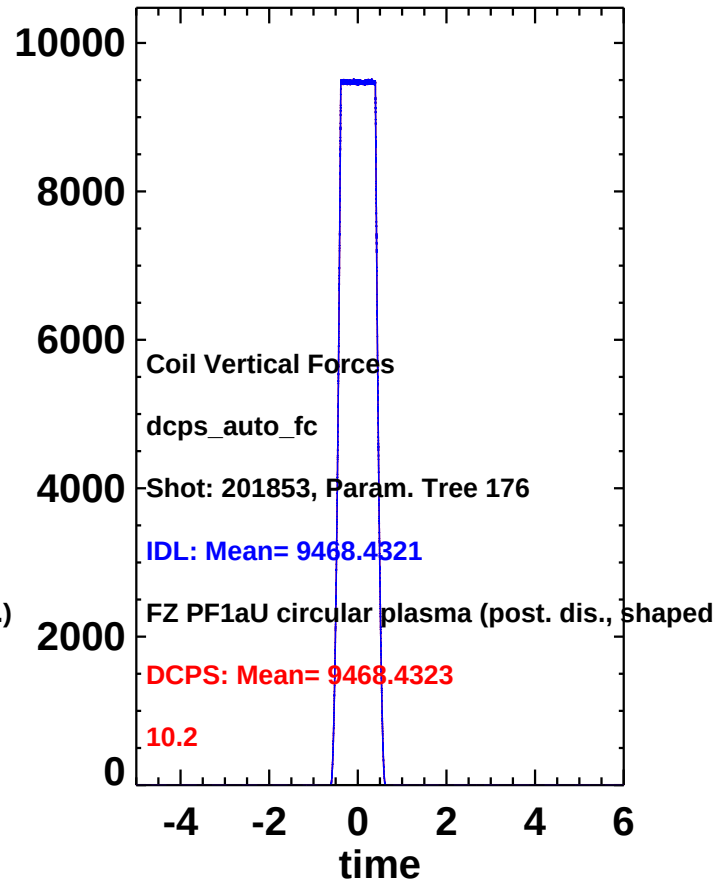

Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 0.0000000
FZ Plasma circular plasma (post. dis., circ.)
DCPS: Mean= 0.0000000
9.1
3000
2000
1000
0
-4
-2
0
2
4
6
time

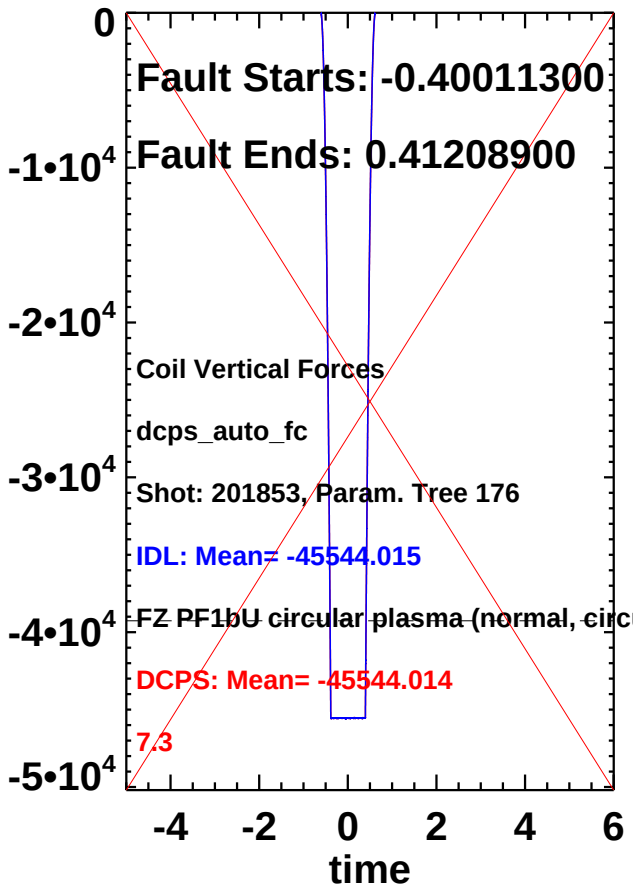

Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 0.0000000
FZ Plasma circular plasma (post. dis., shaped
DCPS: Mean= 0.0000000
10.1
3000
2000
1000
0
-4
-2
0
2
4
6
time

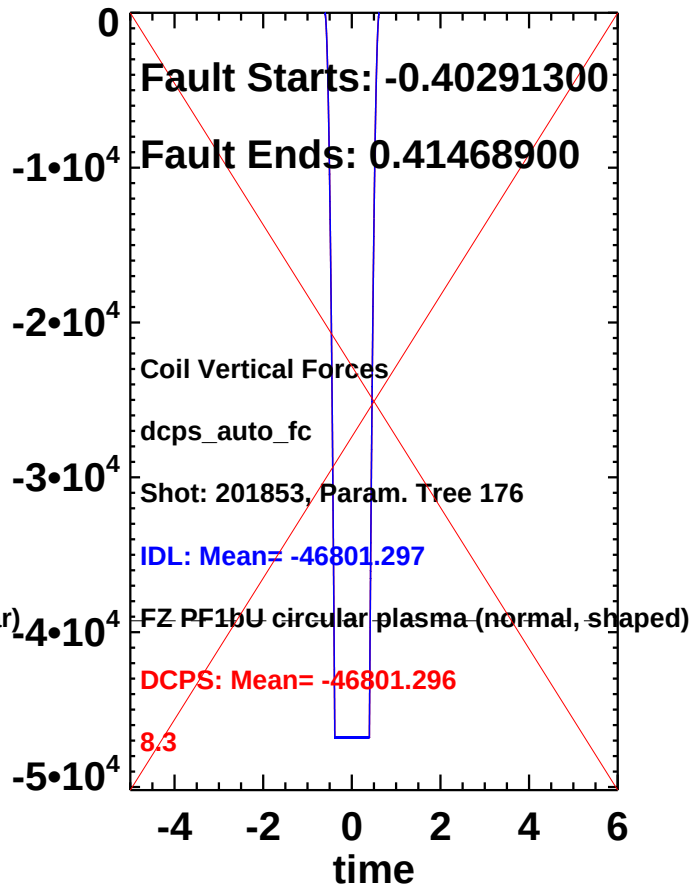

Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 4901.2582
FZ PF1aU circular plasma (normal, circular)
DCPS: Mean= 4901.2586
7.2
time

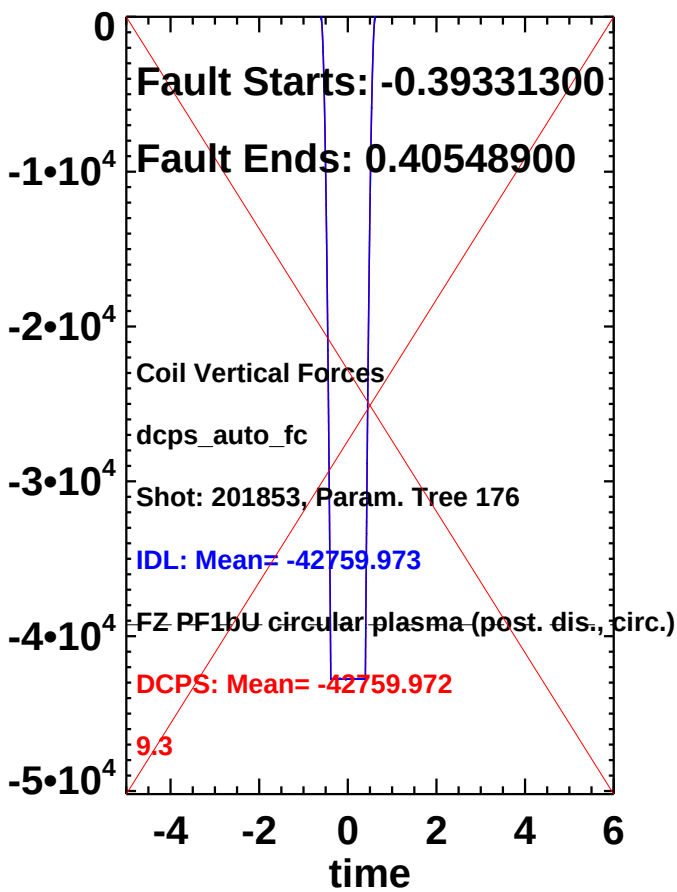

Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 394.98822
FZ PF1aU circular plasma (normal, shaped)
DCPS: Mean= 394.98868
8.2
time

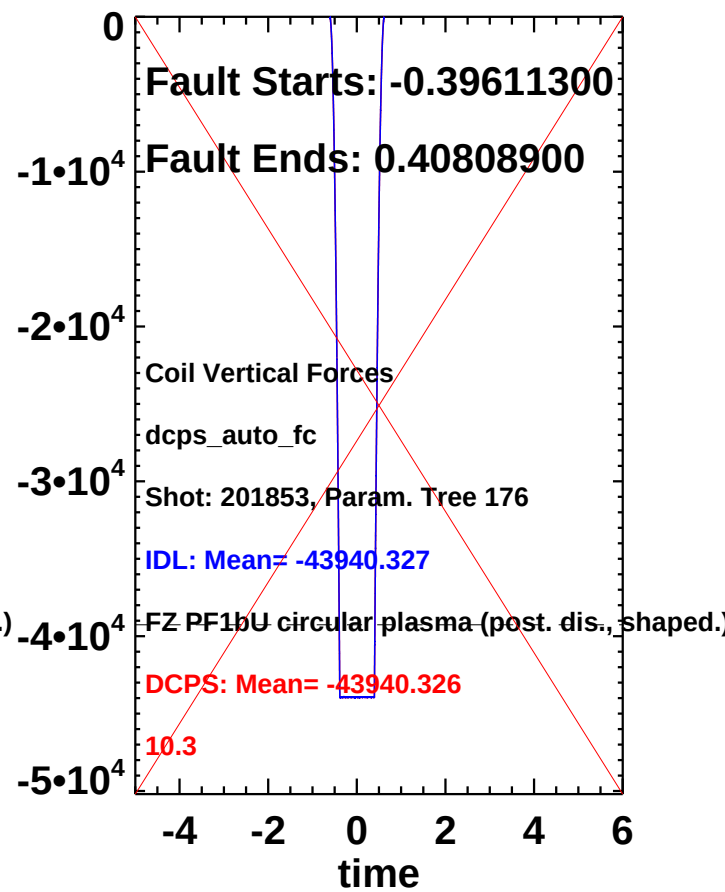

Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 7979.3712
FZ PF1aU circular plasma (post. dis., circ.)
DCPS: Mean= 7979.3723
9.2
time

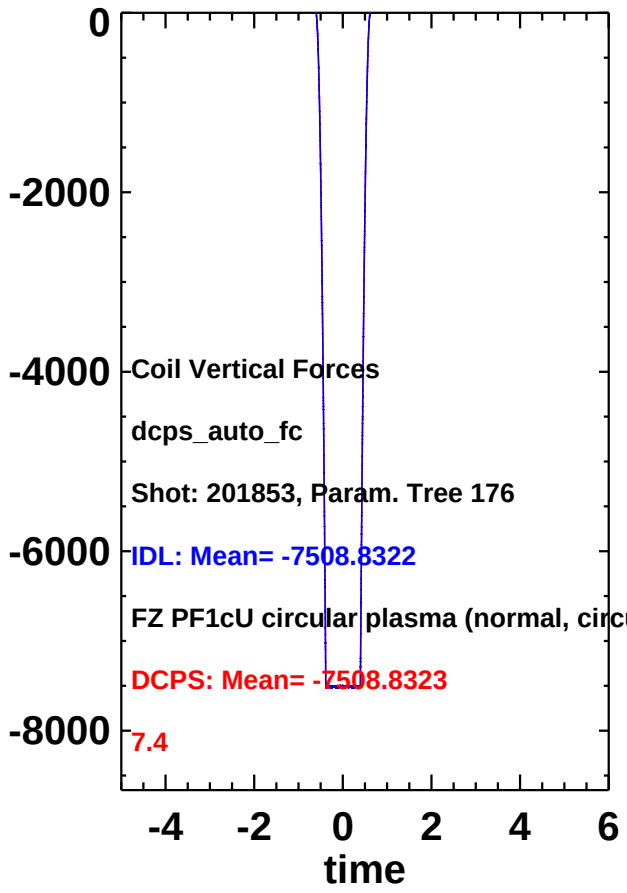

Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 9468.4321
FZ PF1aU circular plasma (post. dis., shaped.)
DCPS: Mean= 9468.4323
10.2
time

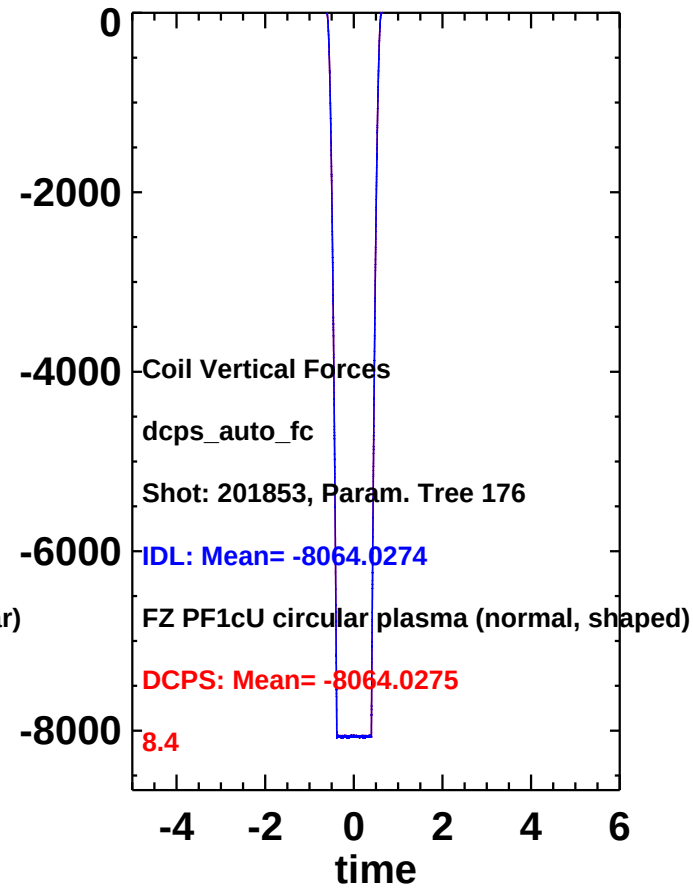

Fault Starts: -0.40011300
Fault Ends: 0.41208900
Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -45544.015
FZ PF1bU circular plasma (normal, circular)
DCPS: Mean= -45544.014
7.3
0
-1•10^4
-2•10^4
-3•10^4
-4•10^4
-5•10^4
-4 -2 0 2 4 6
time

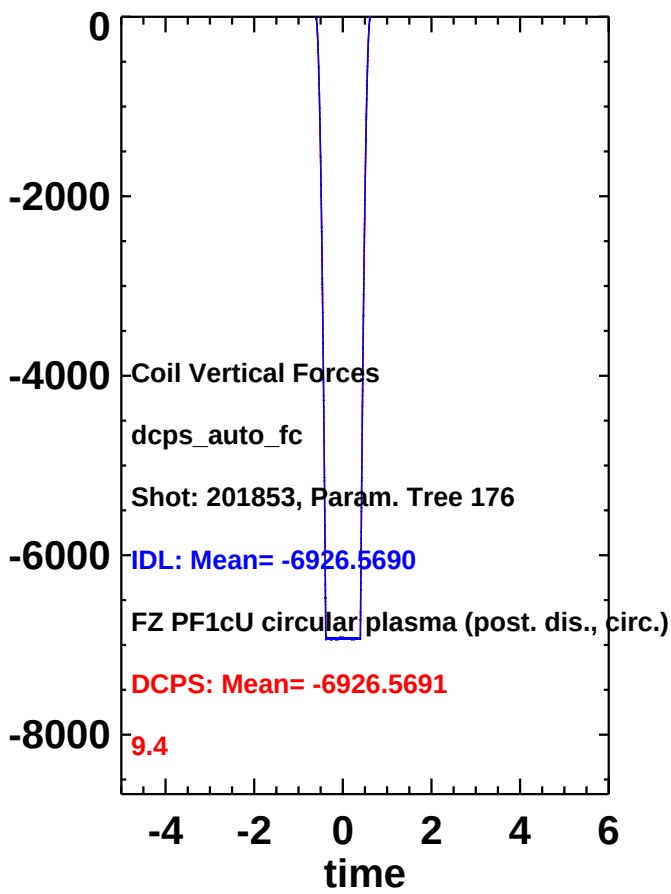

Fault Starts: -0.40291300
Fault Ends: 0.41468900
Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -46801.297
FZ PF1bU circular plasma (normal, shaped)
DCPS: Mean= -46801.296
8.3
0
-1•10^4
-2•10^4
-3•10^4
-4•10^4
-5•10^4
-4 -2 0 2 4 6
time

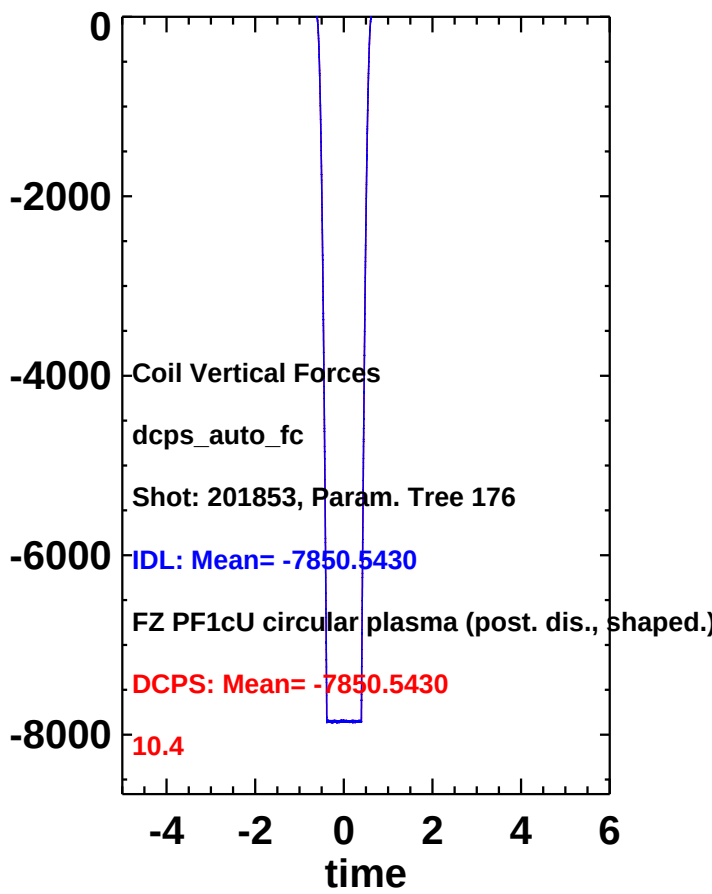

Fault Starts: -0.39331300
Fault Ends: 0.40548900
Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -42759.973
FZ PF1bU circular plasma (post. dis., circ.)
DCPS: Mean= -42759.972
9.3
0
-1•10^4
-2•10^4
-3•10^4
-4•10^4
-5•10^4
-4 -2 0 2 4 6
time

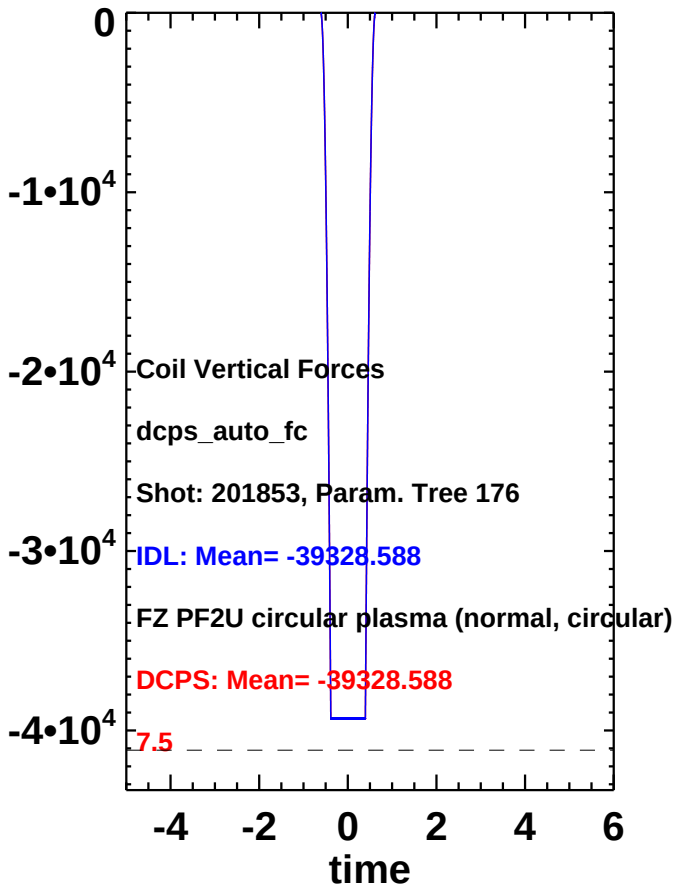

Fault Starts: -0.39611300
Fault Ends: 0.40808900
Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -43940.327
FZ PF1bU circular plasma (post. dis., shaped.)
DCPS: Mean= -43940.326
10.3
0
-1•10^4
-2•10^4
-3•10^4
-4•10^4
-5•10^4
-4 -2 0 2 4 6
time

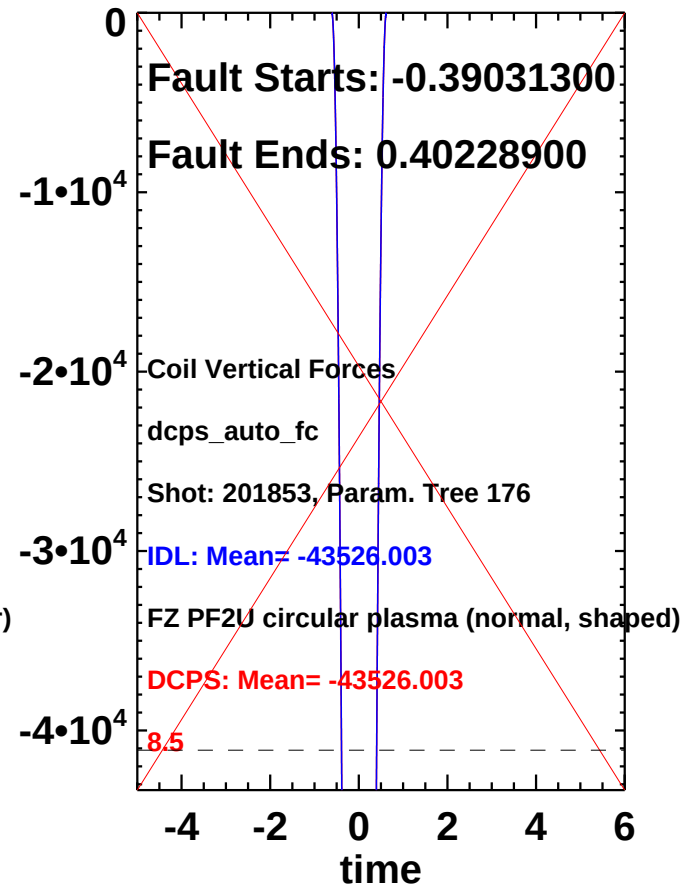

Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -7508.8322
FZ PF1cU circular plasma (normal, circular)
DCPS: Mean= -7508.8323
7.4
0
-2000
-4000
-6000
-8000
-4
-2
0
2
4
6
time

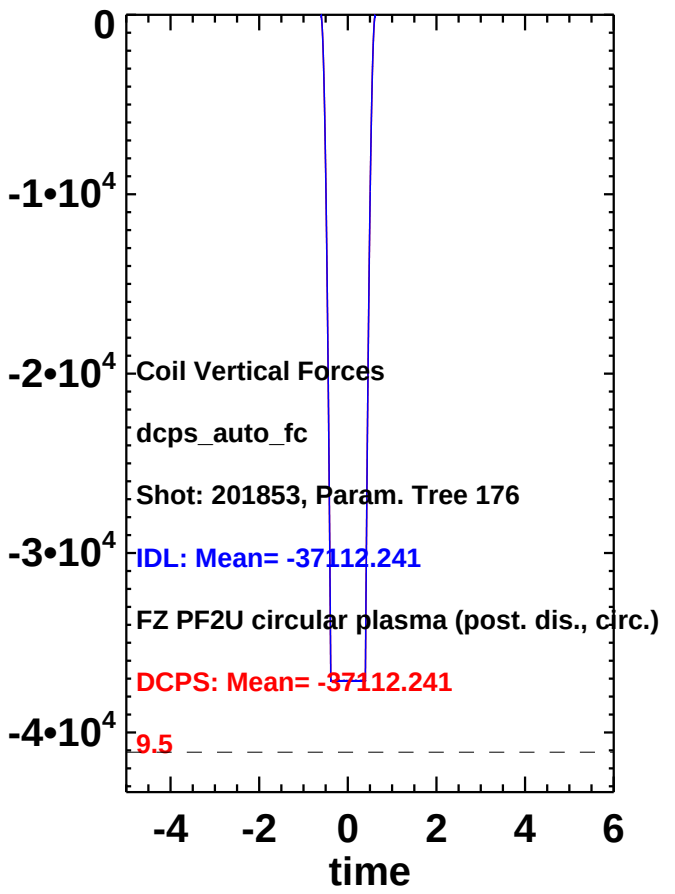

Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -8064.0274
FZ PF1cU circular plasma (normal, shaped)
DCPS: Mean= -8064.0275
8.4
0
-2000
-4000
-6000
-8000
-4
-2
0
2
4
6
time

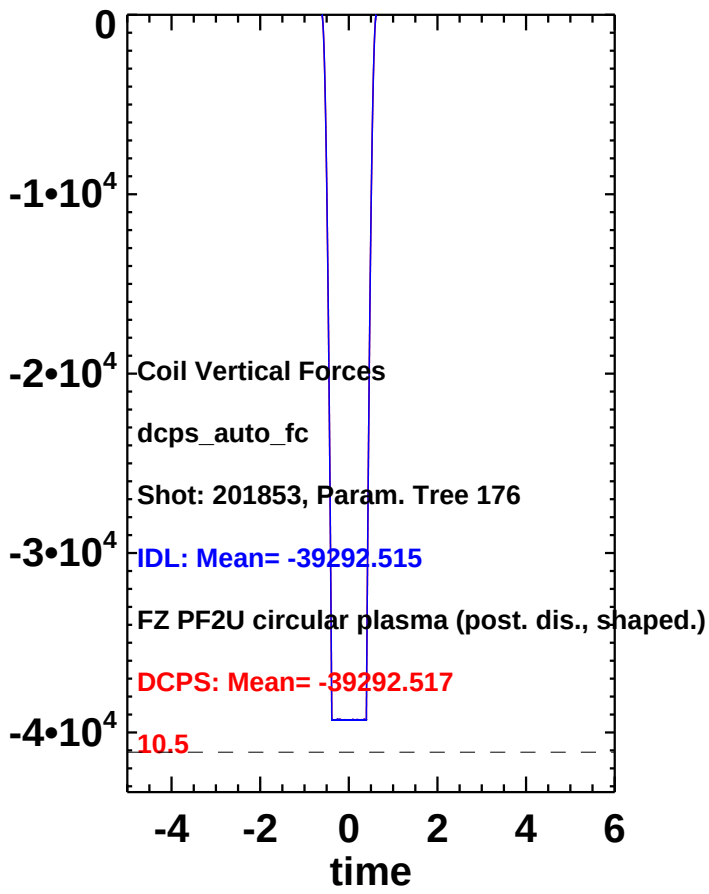

Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -6926.5690
FZ PF1cU circular plasma (post. dis., circ.)
DCPS: Mean= -6926.5691
9.4
0
-2000
-4000
-6000
-8000
-4
-2
0
2
4
6
time

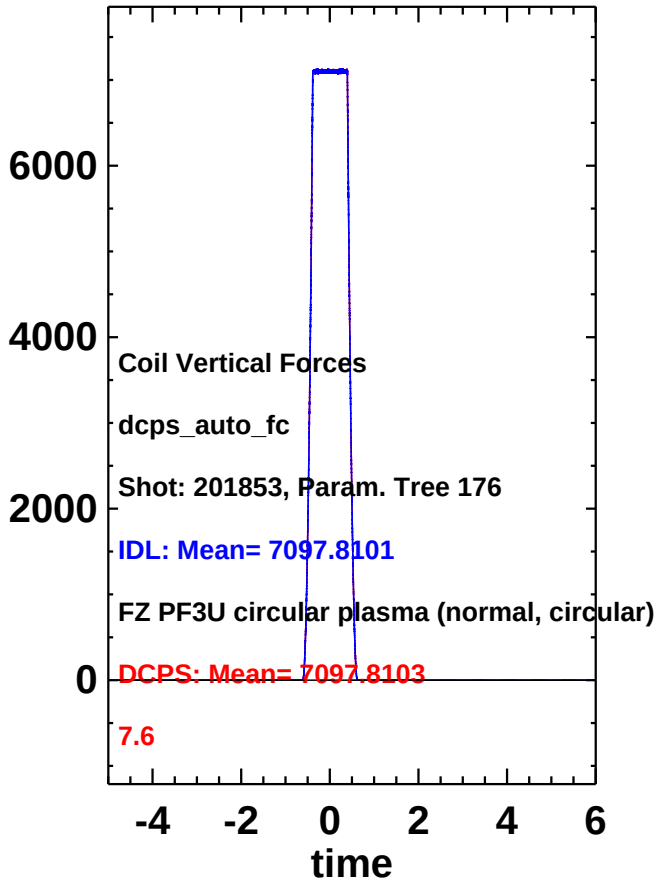

Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -7850.5430
FZ PF1cU circular plasma (post. dis., shaped.)
DCPS: Mean= -7850.5430
10.4
0
-2000
-4000
-6000
-8000
-4
-2
0
2
4
6
time

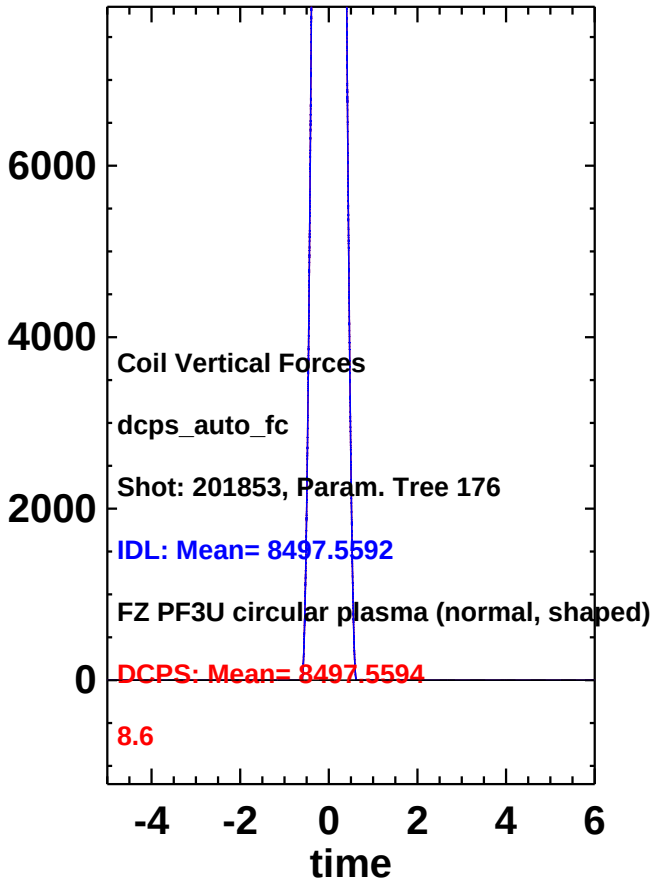

Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -39328.588
FZ PF2U circular plasma (normal, circular)
DCPS: Mean= -39328.588
7.5
time

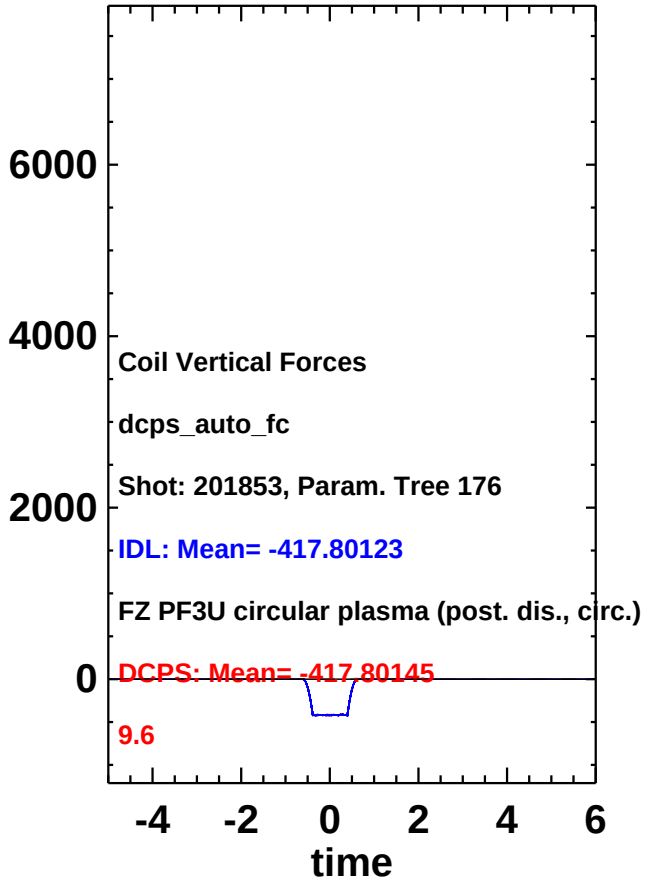

Fault Starts: -0.39031300
Fault Ends: 0.40228900
Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -43526.003
FZ PF2U circular plasma (normal, shaped)
DCPS: Mean= -43526.003
8.5
time

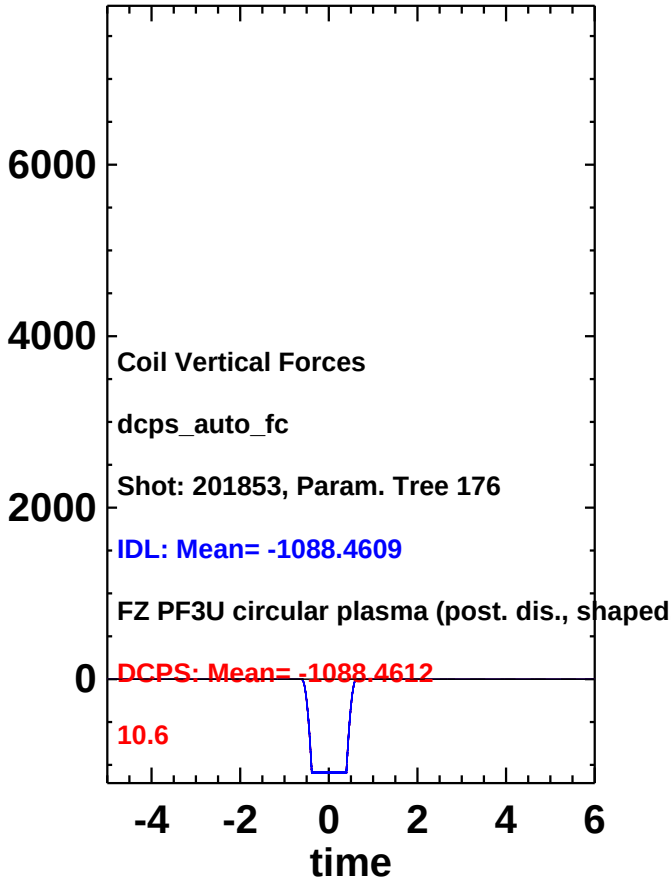

Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -37112.241
FZ PF2U circular plasma (post. dis., circ.)
DCPS: Mean= -37112.241
9.5
time

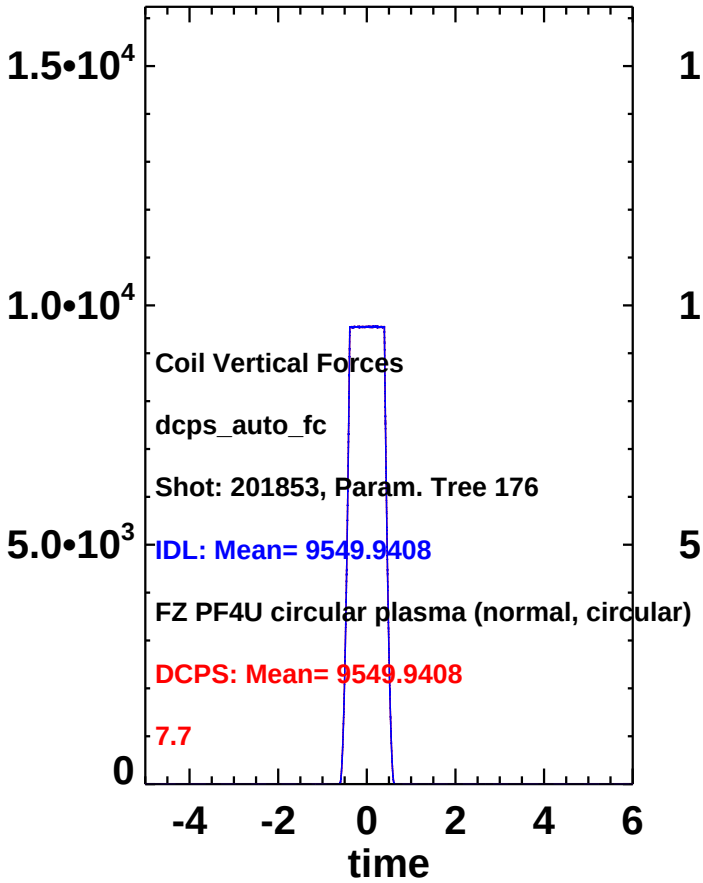

Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -39292.515
FZ PF2U circular plasma (post. dis., shaped.)
DCPS: Mean= -39292.517
10.5
time

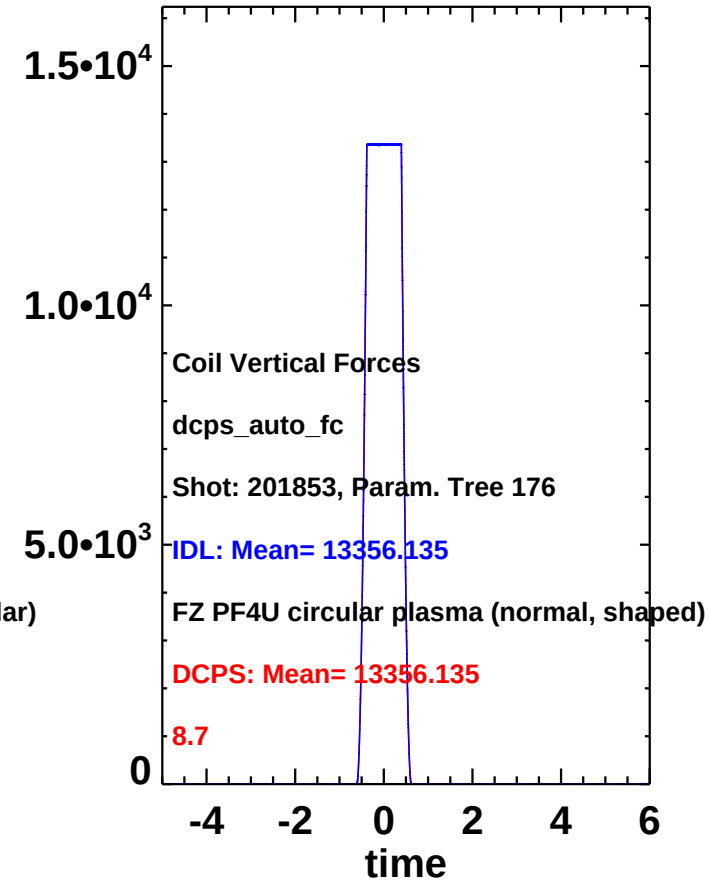

Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 7097.8101
FZ PF3U circular plasma (normal, circular)
DCPS: Mean= 7097.8103
7.6
6000
4000
2000
0
-4
-2
0
2
4
6
time

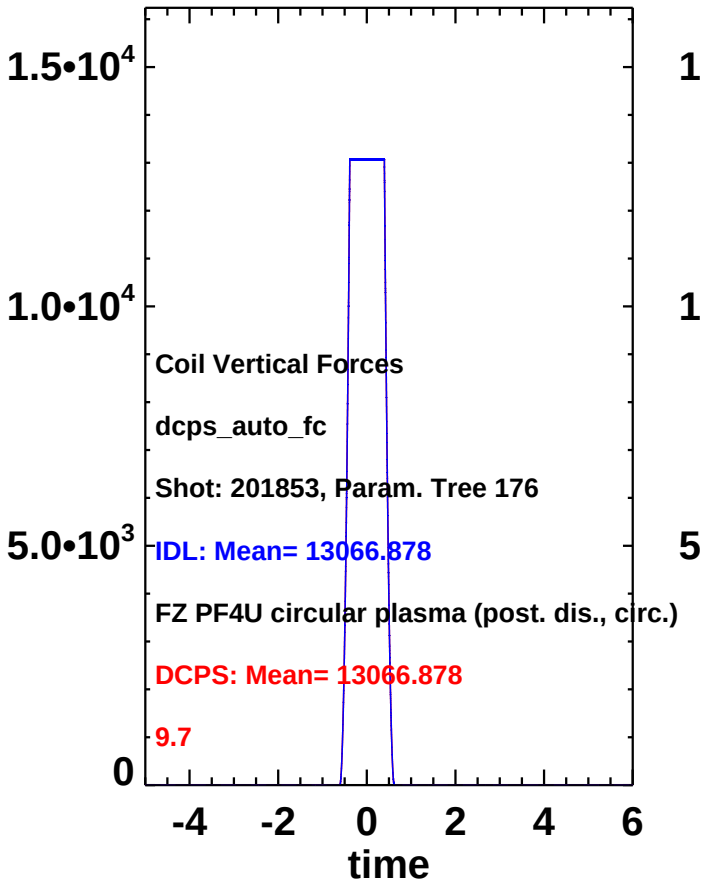

Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 8497.5592
FZ PF3U circular plasma (normal, shaped)
DCPS: Mean= 8497.5594
8.6
6000
4000
2000
0
-4
-2
0
2
4
6
time

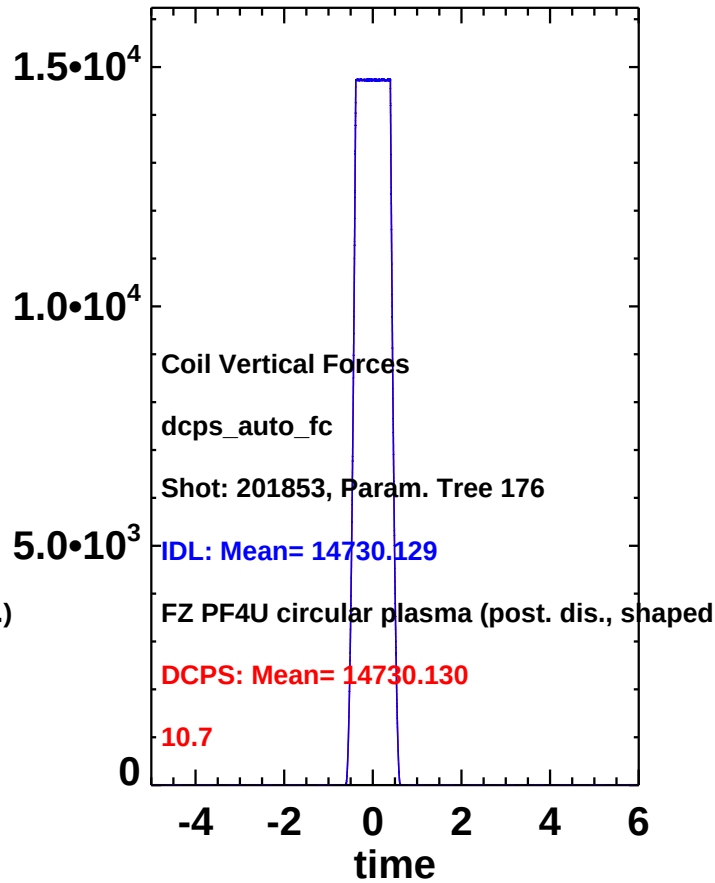

Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -417.80123
FZ PF3U circular plasma (post. dis., circ.)
DCPS: Mean= -417.80145
9.6
6000
4000
2000
0
-4
-2
0
2
4
6
time

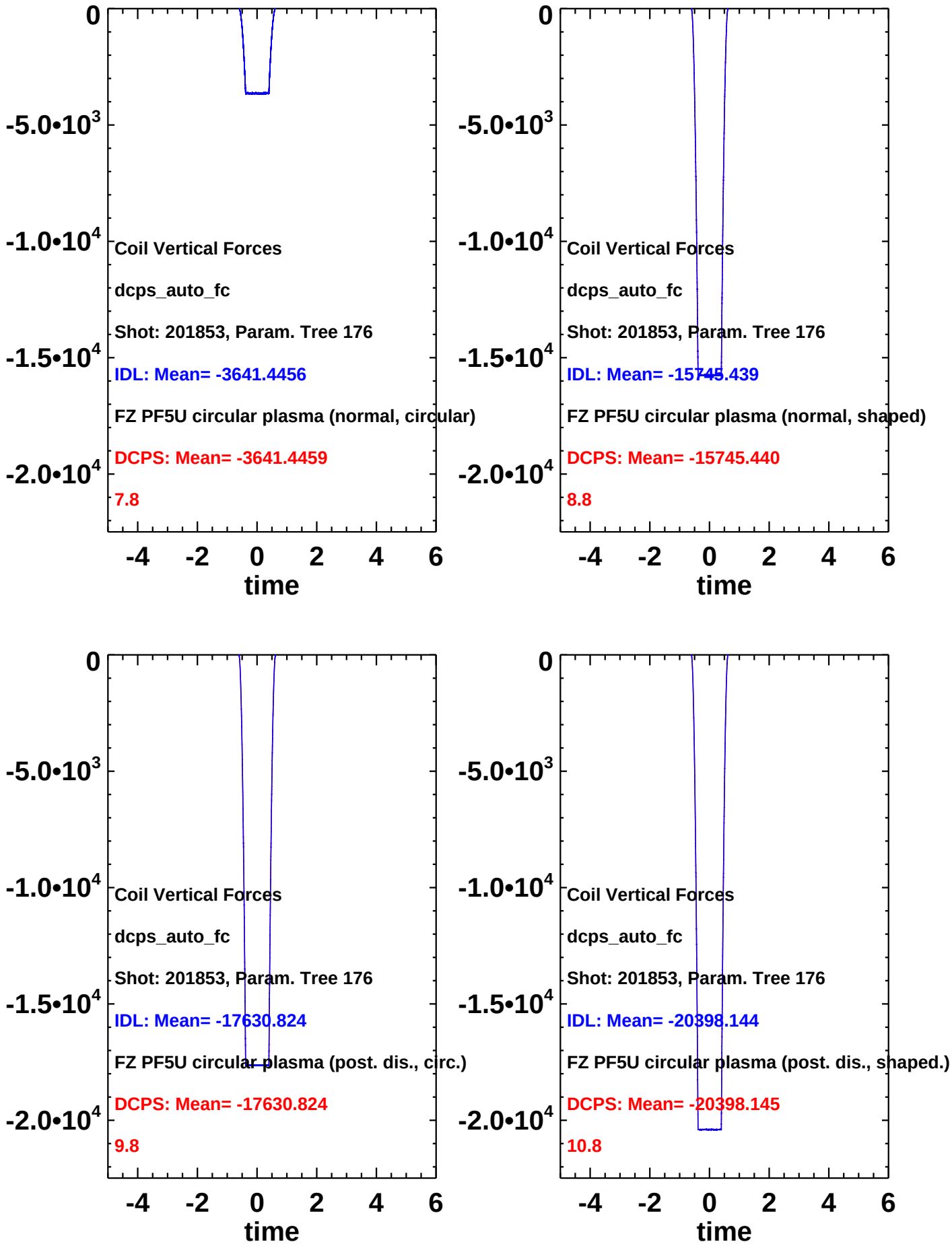

Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -1088.4609
FZ PF3U circular plasma (post. dis., shaped.)
DCPS: Mean= -1088.4612
10.6
6000
4000
2000
0
-4
-2
0
2
4
6
time

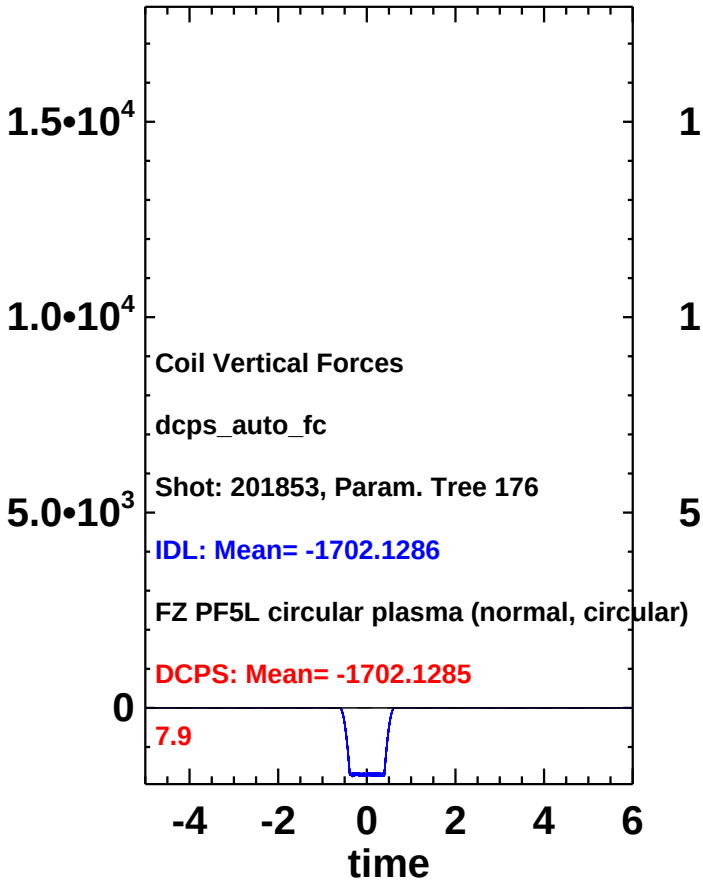

1.5•10^4
1.0•10^4
5.0•10^3
0
Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 9549.9408
FZ PF4U circular plasma (normal, circular)
DCPS: Mean= 9549.9408
7.7
-4 -2 0 2 4 6
time

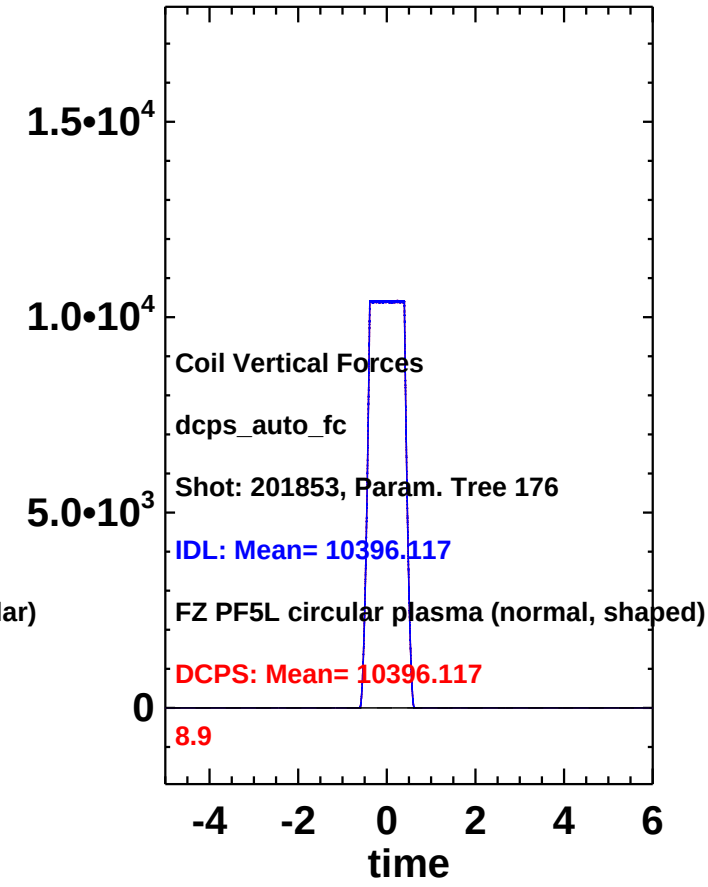

1.5•10^4
1.0•10^4
5.0•10^3
0
Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 13356.135
FZ PF4U circular plasma (normal, shaped)
DCPS: Mean= 13356.135
8.7
-4 -2 0 2 4 6
time

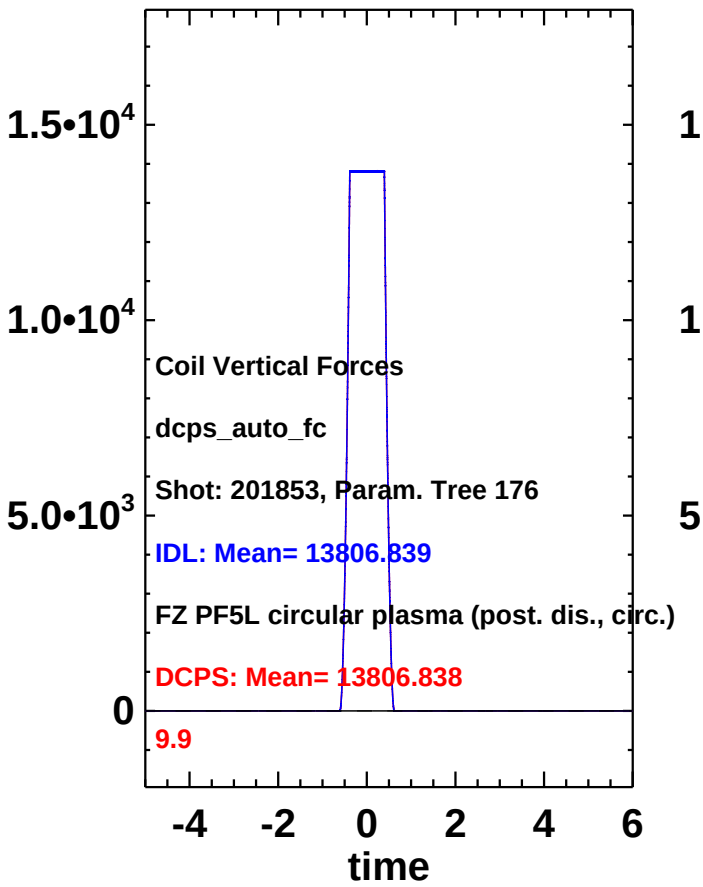

1.5•10^4
1.0•10^4
5.0•10^3
0
Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 13066.878
FZ PF4U circular plasma (post. dis., circ.)
DCPS: Mean= 13066.878
9.7
-4 -2 0 2 4 6
time

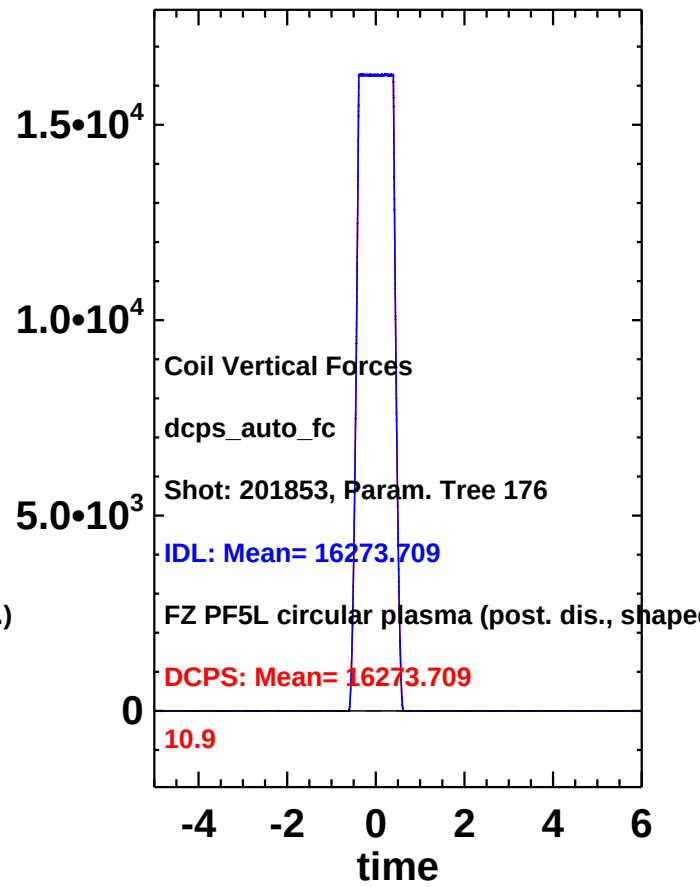

1.5•10^4
1.0•10^4
5.0•10^3
0
Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 14730.129
FZ PF4U circular plasma (post. dis., shaped.)
DCPS: Mean= 14730.130
10.7
-4 -2 0 2 4 6
time

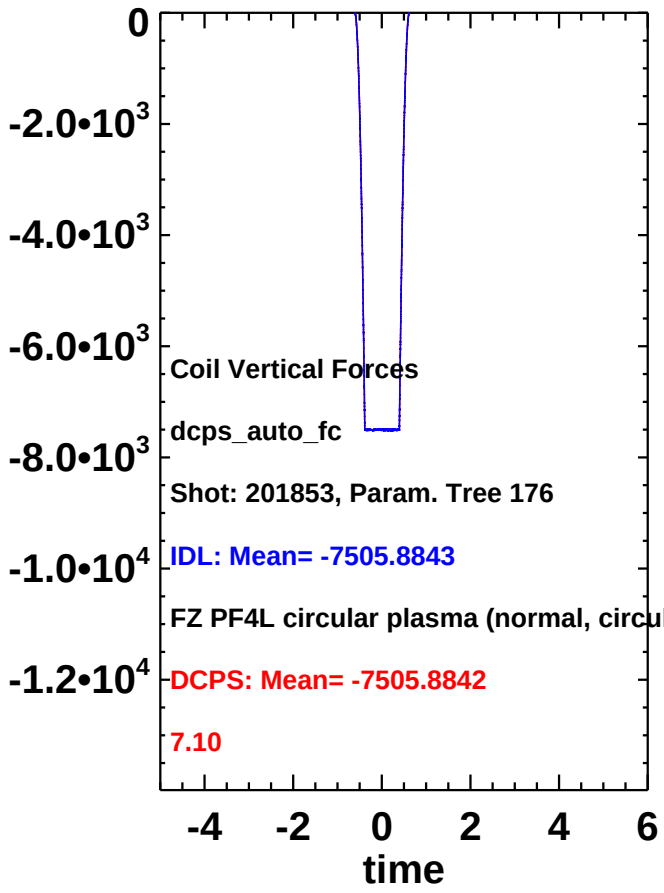

0
-5.0•10^3
-1.0•10^4
-1.5•10^4
-2.0•10^4
Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -3641.4456
FZ PF5U circular plasma (normal, circular)
DCPS: Mean= -3641.4459
7.8
-4 -2 0 2 4 6
time
Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -15745.439
FZ PF5U circular plasma (normal, shaped)
DCPS: Mean= -15745.440
8.8
Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -17630.824
FZ PF5U circular plasma (post. dis., circ.)
DCPS: Mean= -17630.824
9.8
Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -20398.144
FZ PF5U circular plasma (post. dis., shaped.)
DCPS: Mean= -20398.145
10.8

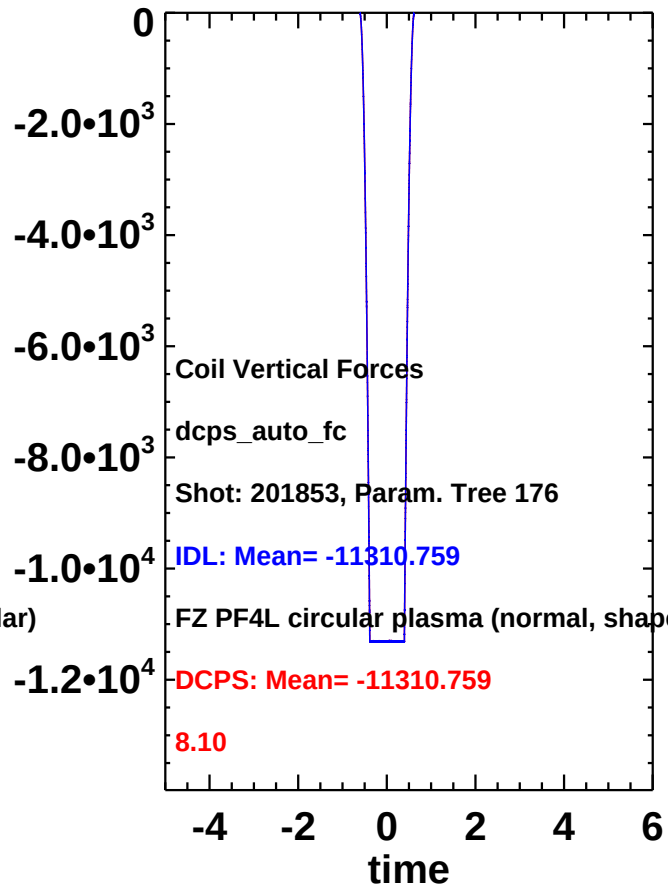

1.5•10^4
1.0•10^4
5.0•10^3
0
Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -1702.1286
FZ PF5L circular plasma (normal, circular)
DCPS: Mean= -1702.1285
7.9
-4 -2 0 2 4 6
time

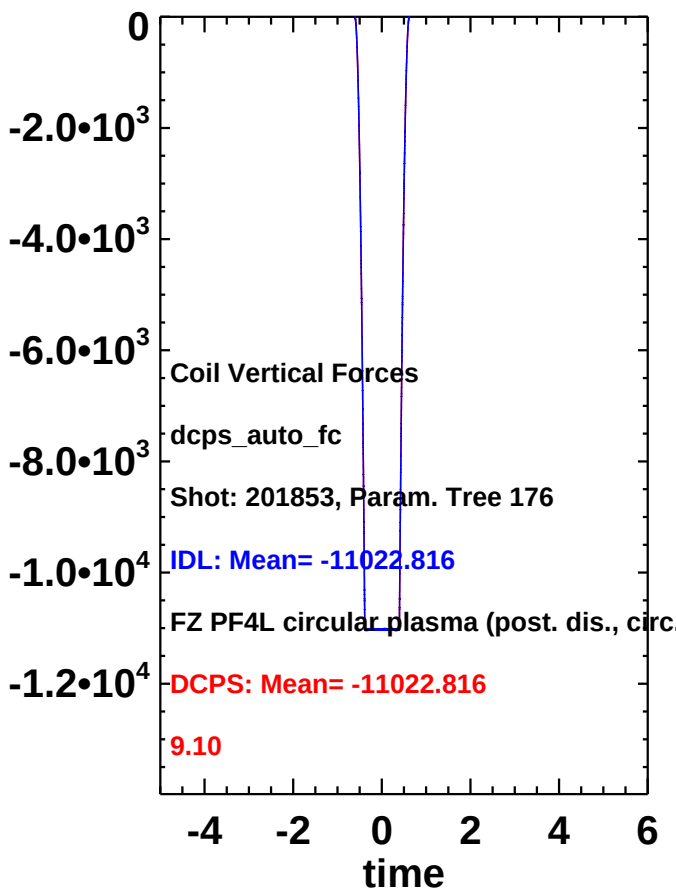

1.5•10^4
1.0•10^4
5.0•10^3
0
Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 10396.117
FZ PF5L circular plasma (normal, shaped)
DCPS: Mean= 10396.117
8.9
-4 -2 0 2 4 6
time

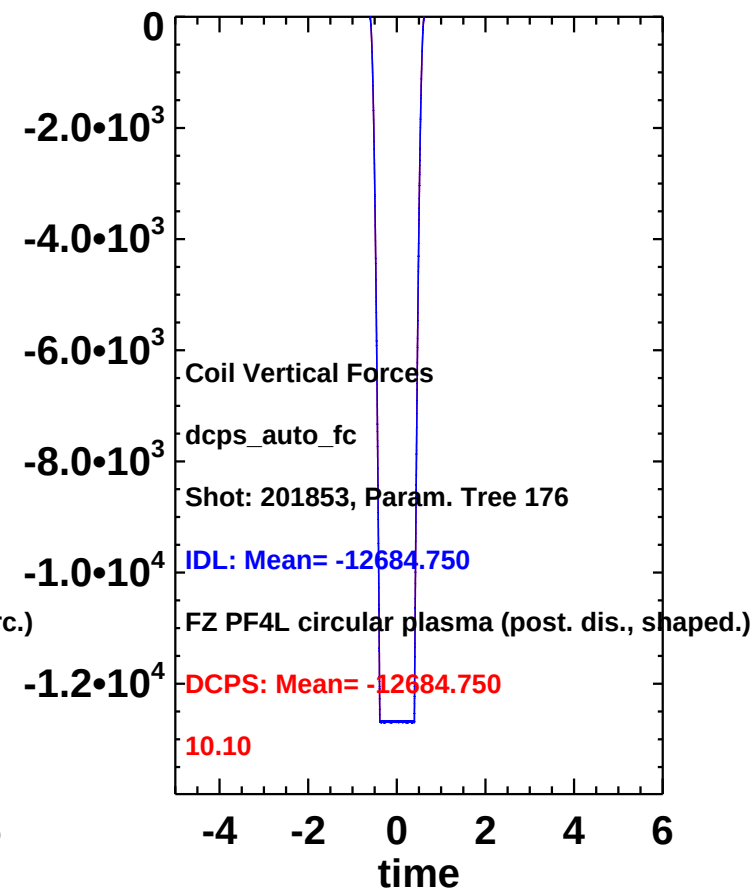

1.5•10^4
1.0•10^4
5.0•10^3
0
Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 13806.839
FZ PF5L circular plasma (post. dis., circ.)
DCPS: Mean= 13806.838
9.9
-4 -2 0 2 4 6
time

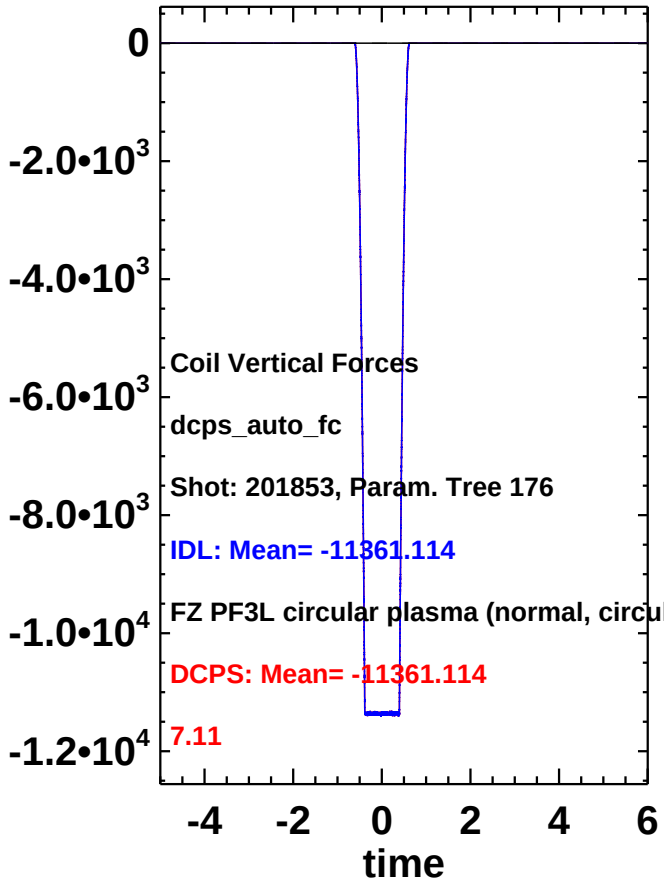

1.5•10^4
1.0•10^4
5.0•10^3
0
Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 16273.709
FZ PF5L circular plasma (post. dis., shaped.)
DCPS: Mean= 16273.709
10.9
-4 -2 0 2 4 6
time

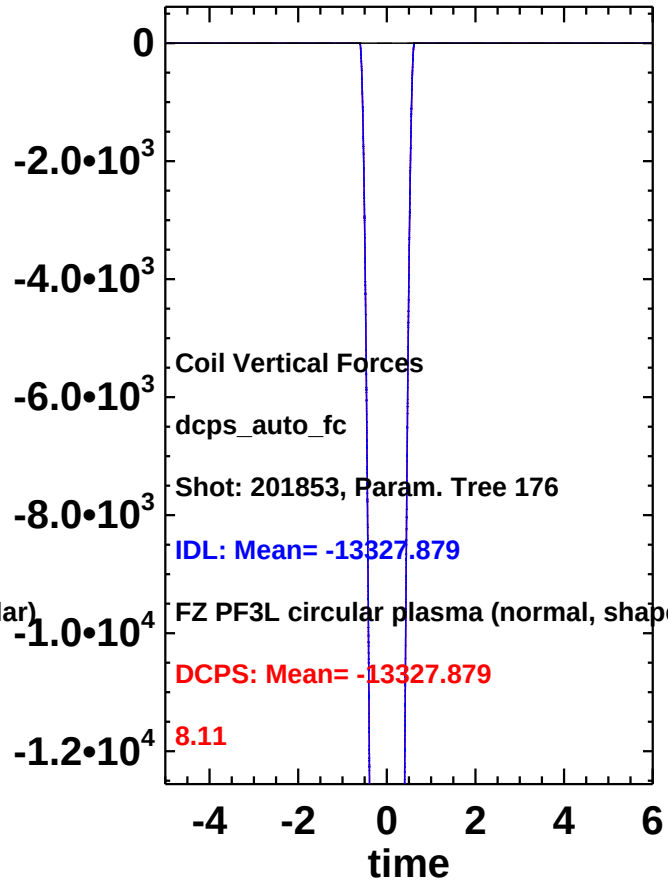

0
-2.0•10^3
-4.0•10^3
-6.0•10^3
-8.0•10^3
-1.0•10^4
-1.2•10^4
Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -7505.8843
FZ PF4L circular plasma (normal, circular)
DCPS: Mean= -7505.8842
7.10
-4 -2 0 2 4 6
time

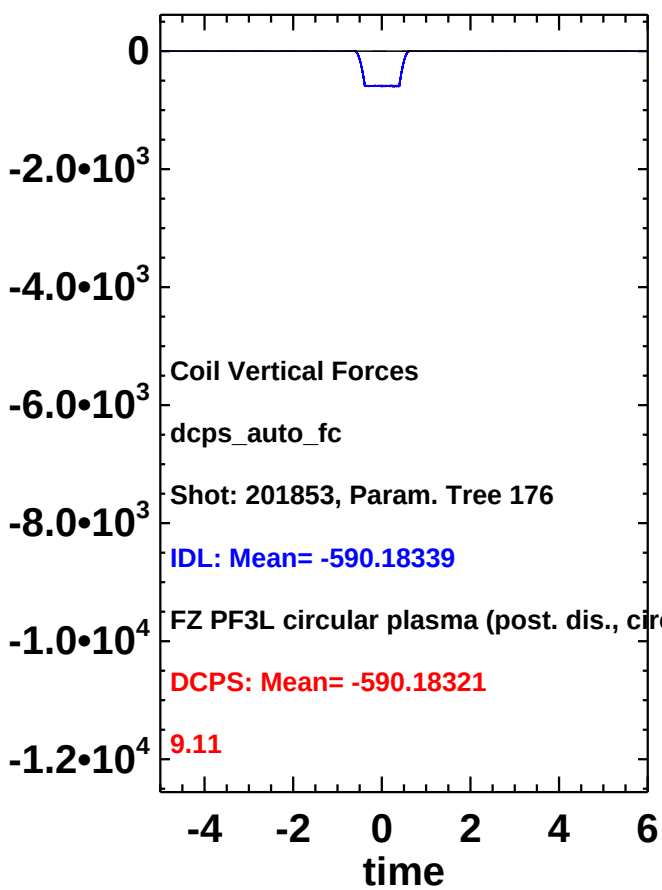

0
-2.0•10^3
-4.0•10^3
-6.0•10^3
-8.0•10^3
-1.0•10^4
-1.2•10^4
Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -11310.759
FZ PF4L circular plasma (normal, shaped)
DCPS: Mean= -11310.759
8.10
-4 -2 0 2 4 6
time

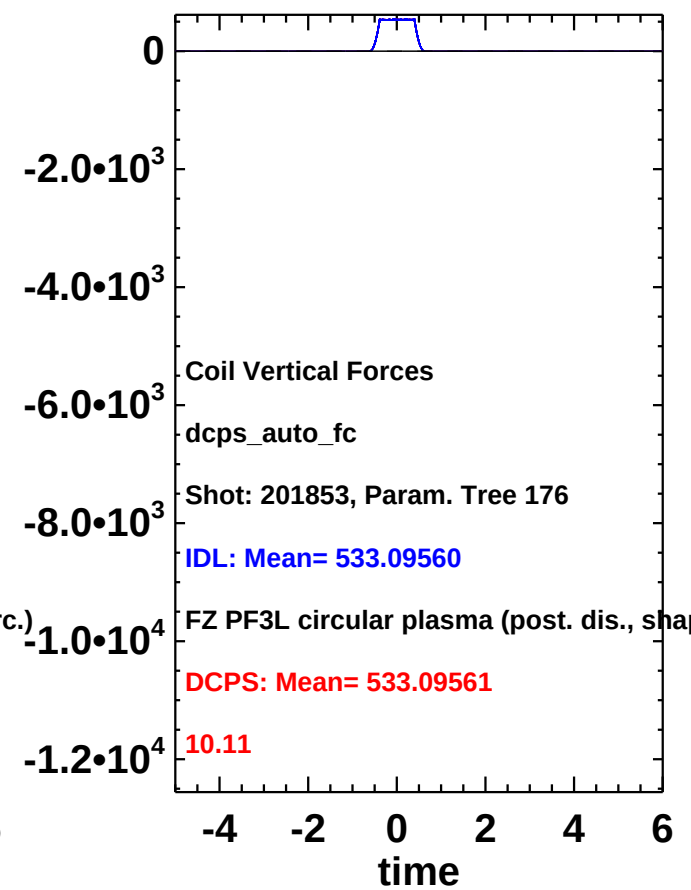

0
-2.0•10^3
-4.0•10^3
-6.0•10^3
-8.0•10^3
-1.0•10^4
-1.2•10^4
Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -11022.816
FZ PF4L circular plasma (post. dis., circ.)
DCPS: Mean= -11022.816
9.10
-4 -2 0 2 4 6
time

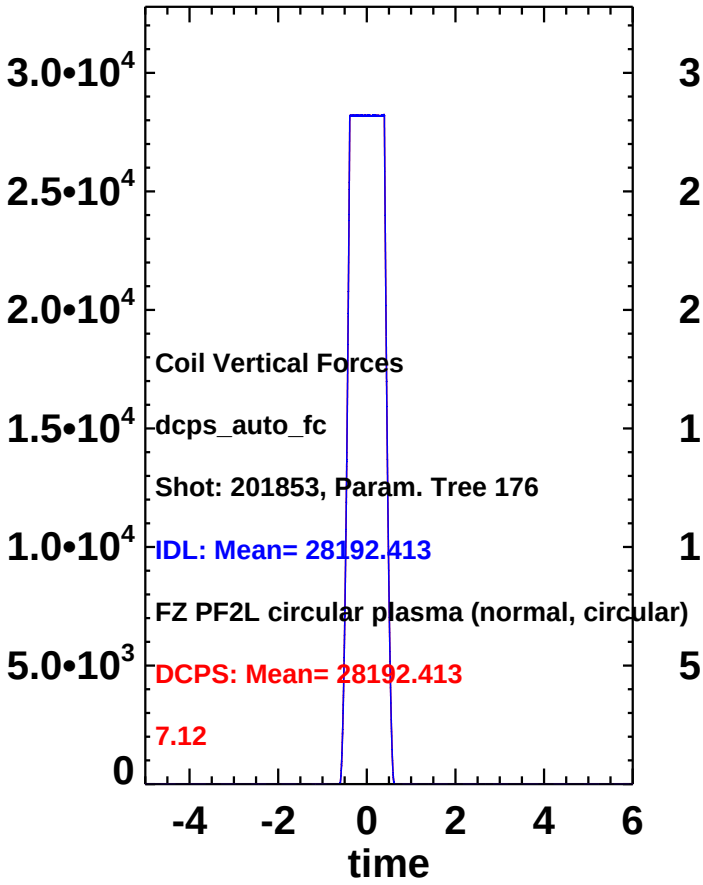

0
-2.0•10^3
-4.0•10^3
-6.0•10^3
-8.0•10^3
-1.0•10^4
-1.2•10^4
Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -12684.750
FZ PF4L circular plasma (post. dis., shaped.)
DCPS: Mean= -12684.750
10.10
-4 -2 0 2 4 6
time

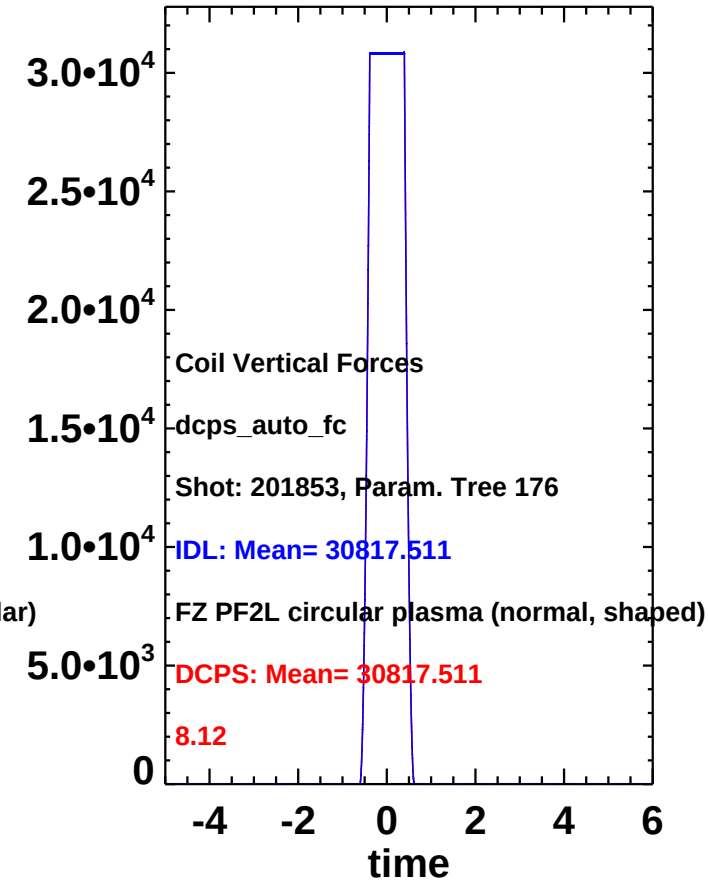

Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -11361.114
FZ PF3L circular plasma (normal, circular)
DCPS: Mean= -11361.114
7.11
time

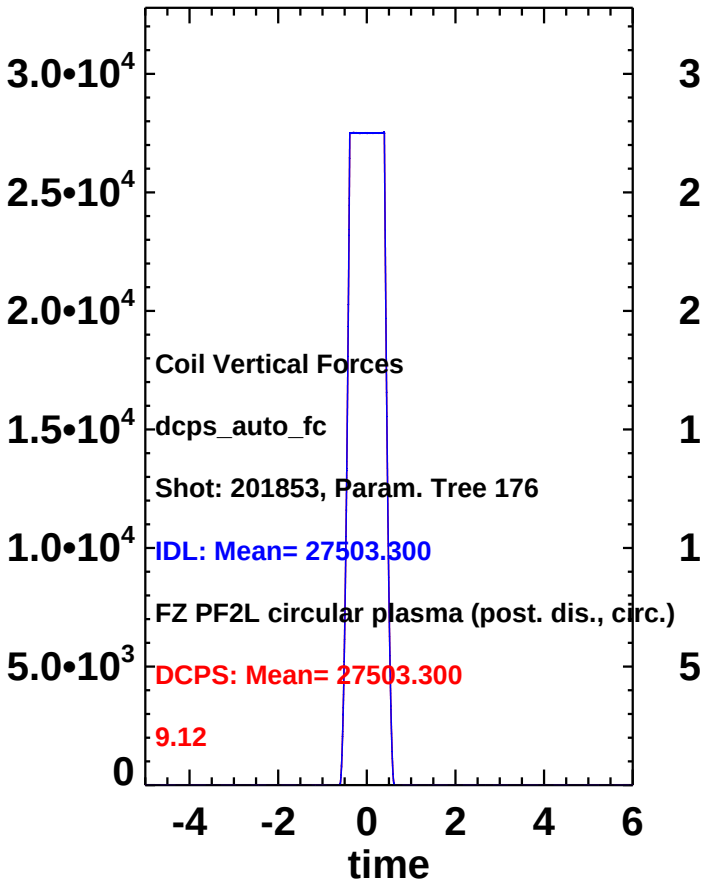

Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -13327.879
FZ PF3L circular plasma (normal, shaped)
DCPS: Mean= -13327.879
8.11
time

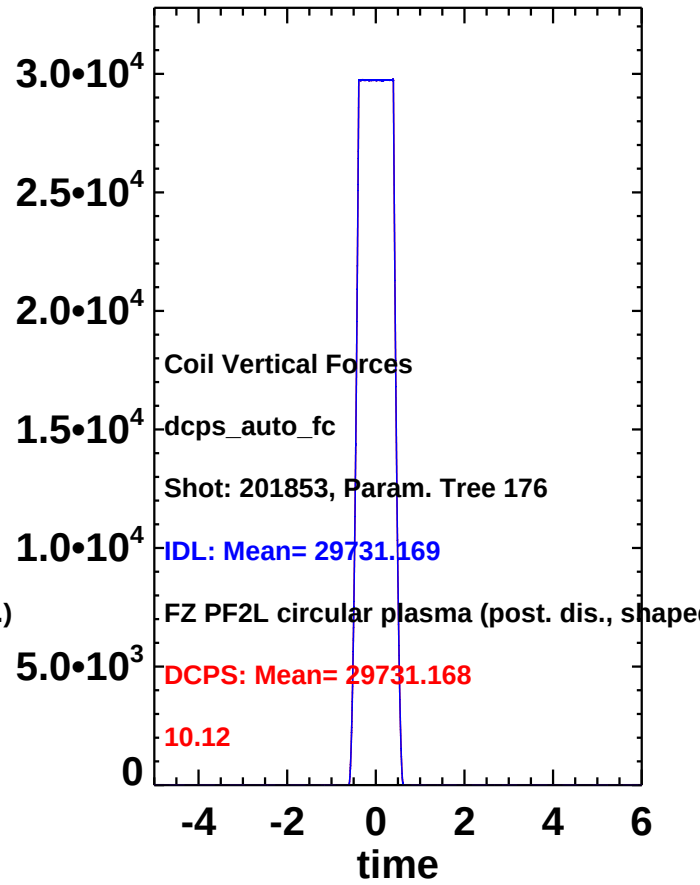

Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -590.18339
FZ PF3L circular plasma (post. dis., circ.)
DCPS: Mean= -590.18321
9.11
time

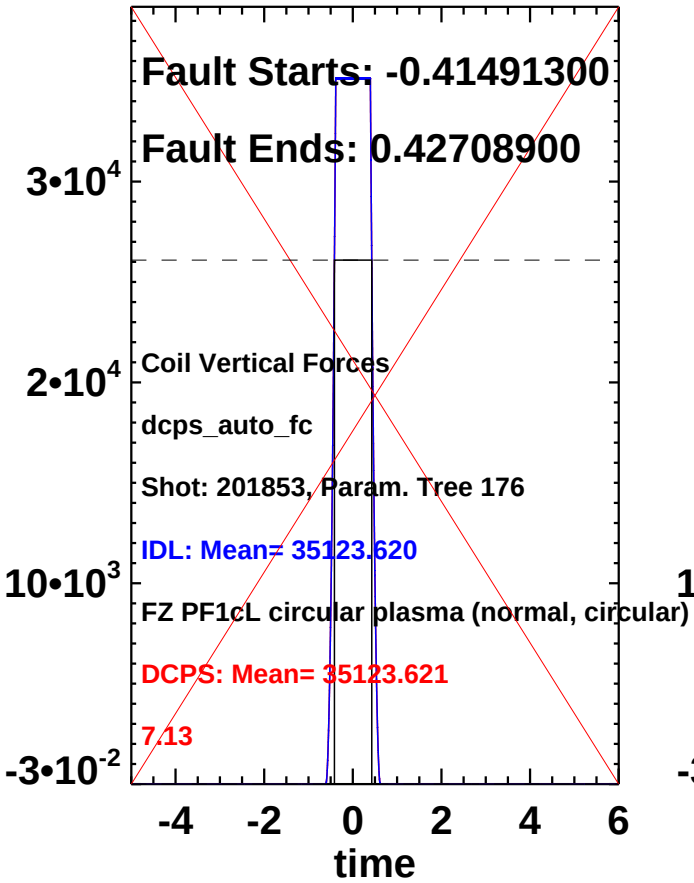

Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 533.09560
FZ PF3L circular plasma (post. dis., shaped.)
DCPS: Mean= 533.09561
10.11
time

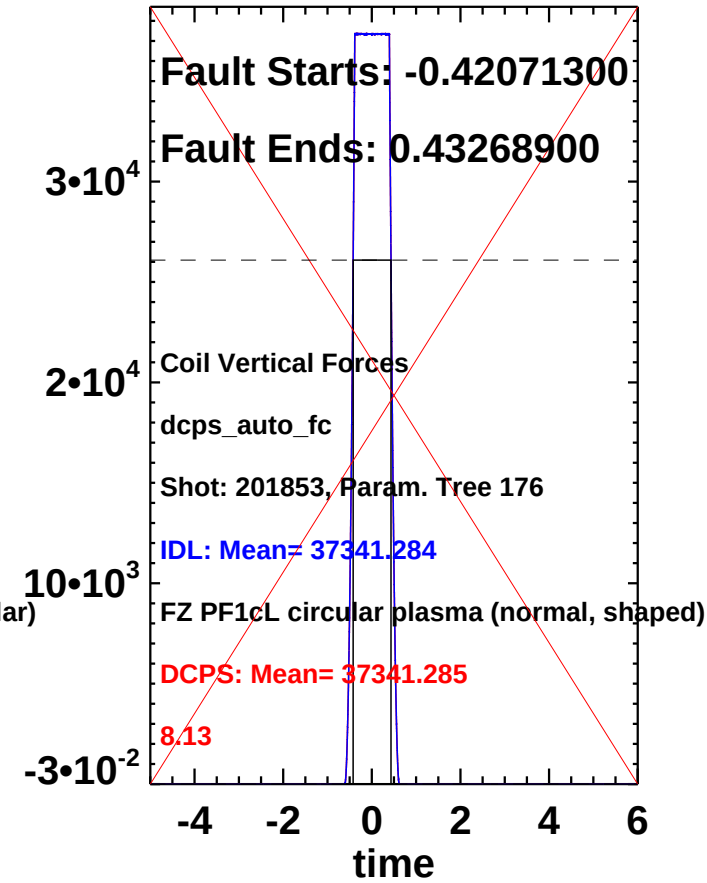

Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 28192.413
FZ PF2L circular plasma (normal, circular)
DCPS: Mean= 28192.413
7.12
time

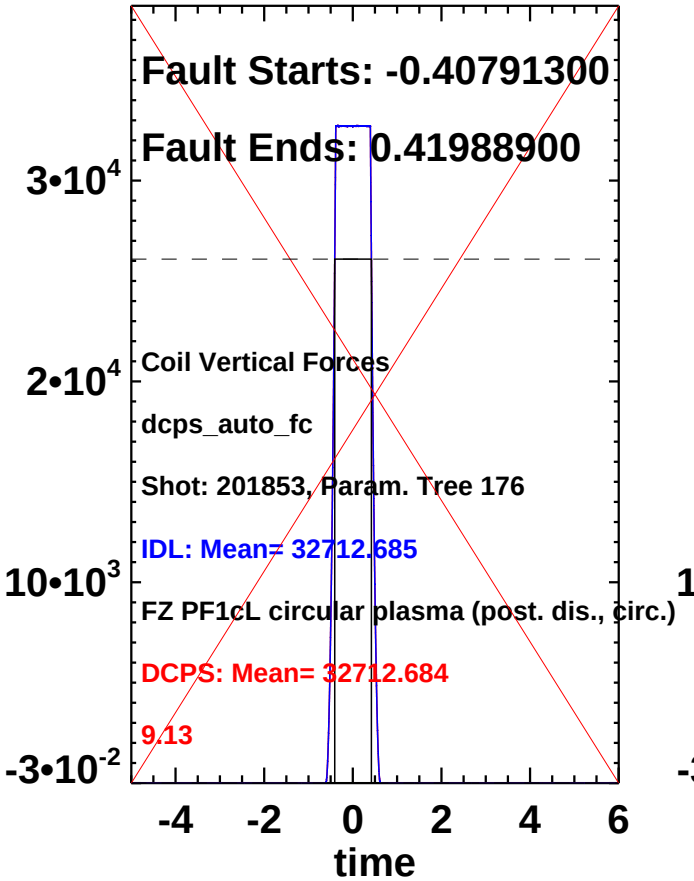

Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 30817.511
FZ PF2L circular plasma (normal, shaped)
DCPS: Mean= 30817.511
8.12
time

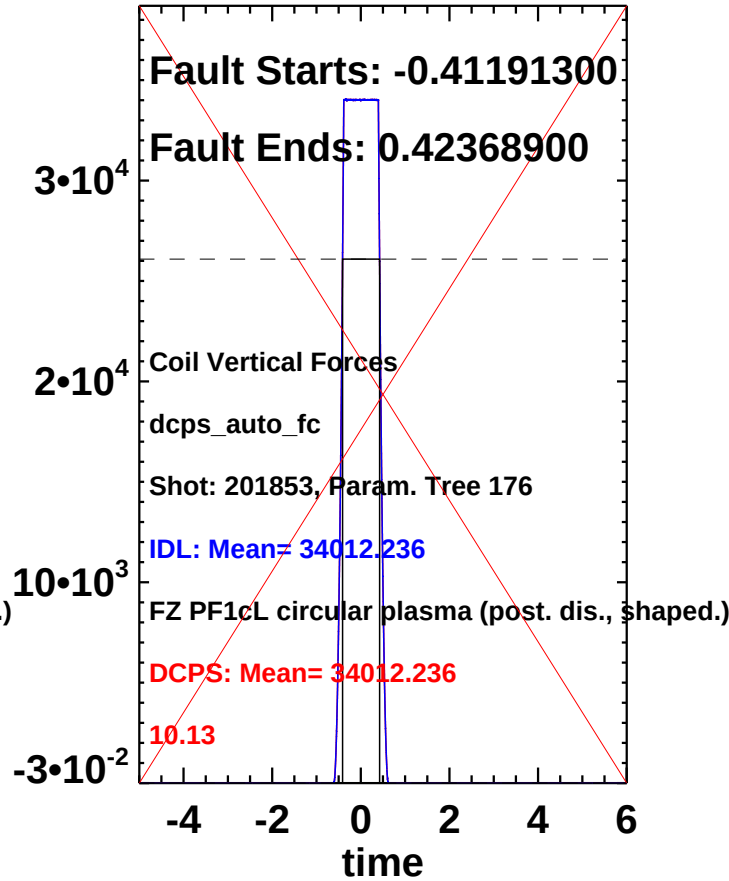

Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 27503.300
FZ PF2L circular plasma (post. dis., circ.)
DCPS: Mean= 27503.300
9.12
time

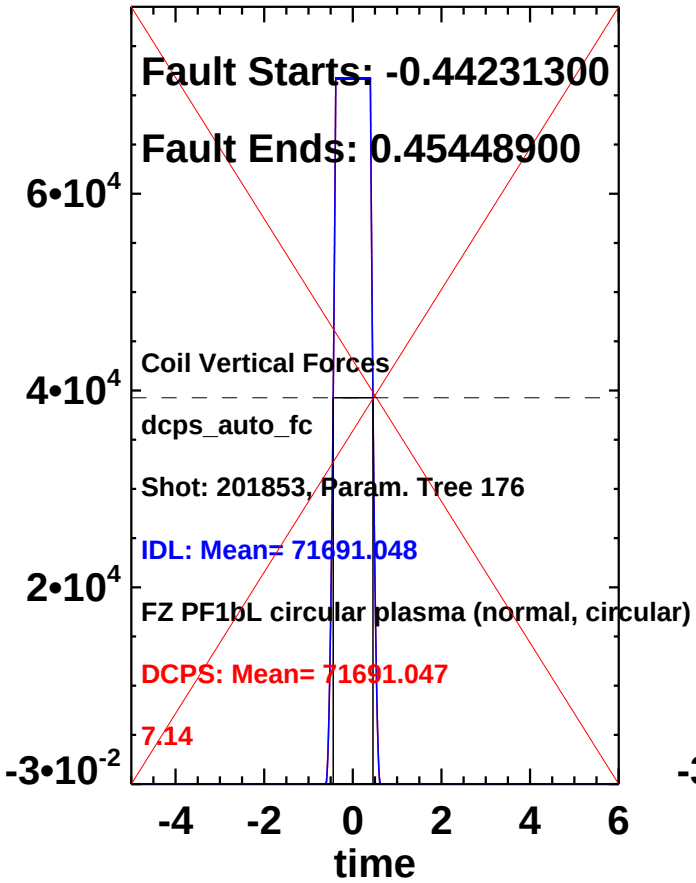

Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 29731.169
FZ PF2L circular plasma (post. dis., shaped.)
DCPS: Mean= 29731.168
10.12
time

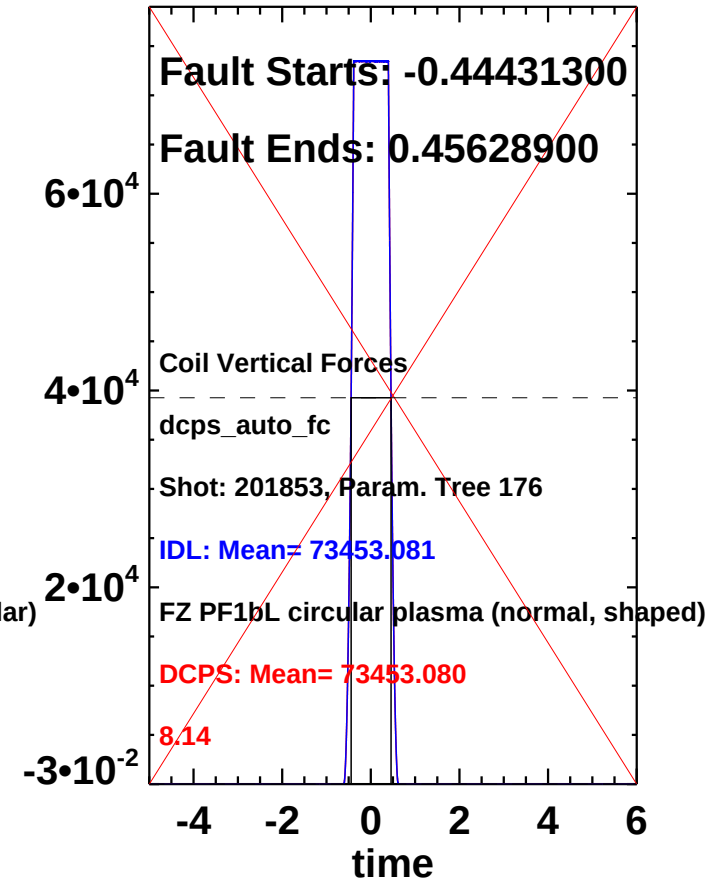

Fault Starts: -0.41491300
Fault Ends: 0.42708900
Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 35123.620
FZ PF1cL circular plasma (normal, circular)
DCPS: Mean= 35123.621
7.13
3•10^4
2•10^4
10•10^3
-3•10^-2
-4 -2 0 2 4 6
time

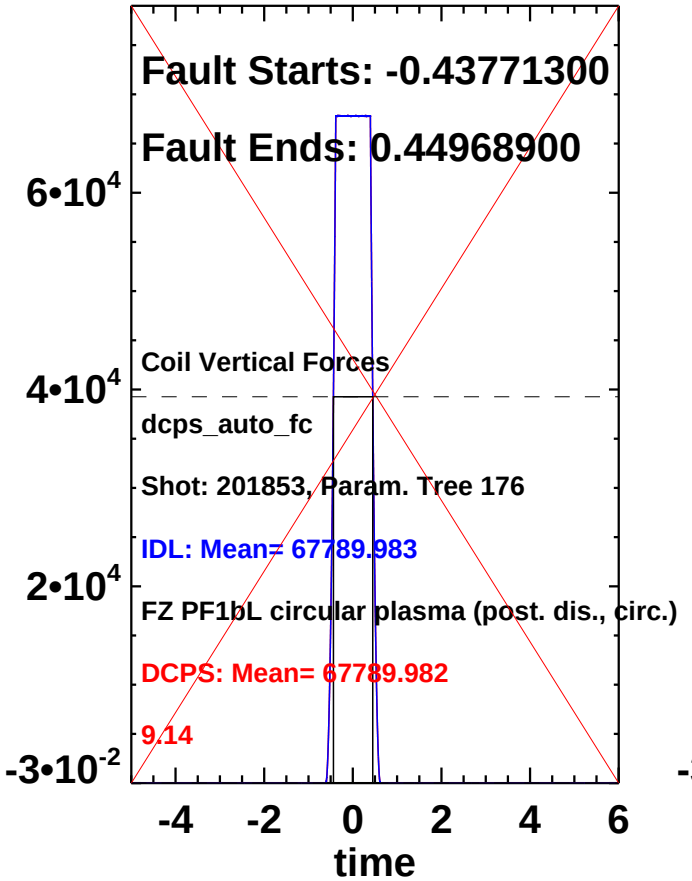

Fault Starts: -0.42071300
Fault Ends: 0.43268900
Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 37341.284
FZ PF1cL circular plasma (normal, shaped)
DCPS: Mean= 37341.285
8.13
3•10^4
2•10^4
10•10^3
-3•10^-2
-4 -2 0 2 4 6
time

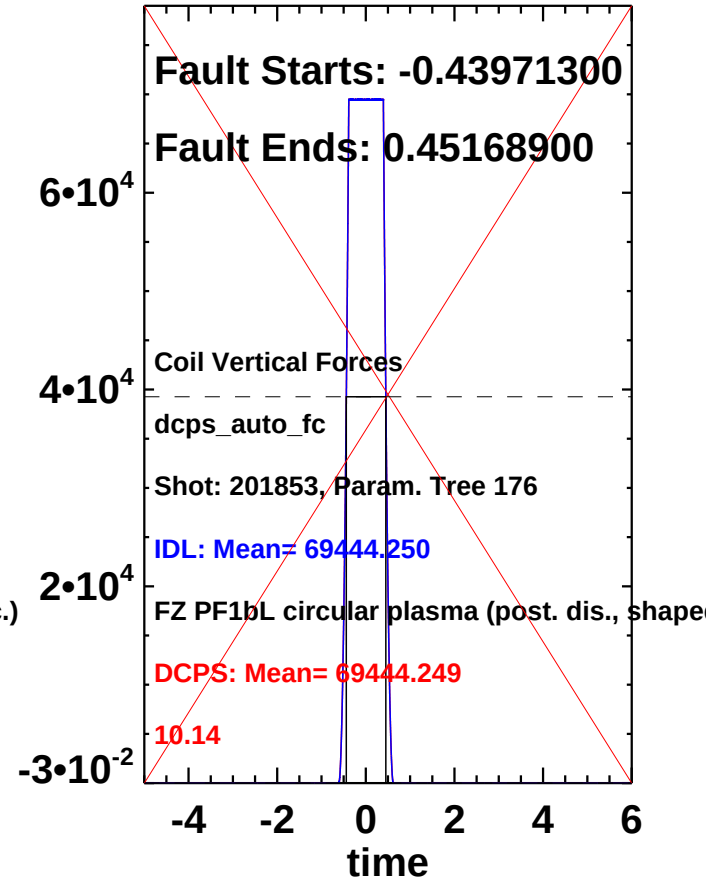

Fault Starts: -0.40791300
Fault Ends: 0.41988900
Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 32712.685
FZ PF1cL circular plasma (post. dis., circ.)
DCPS: Mean= 32712.684
9.13
3•10^4
2•10^4
10•10^3
-3•10^-2
-4 -2 0 2 4 6
time

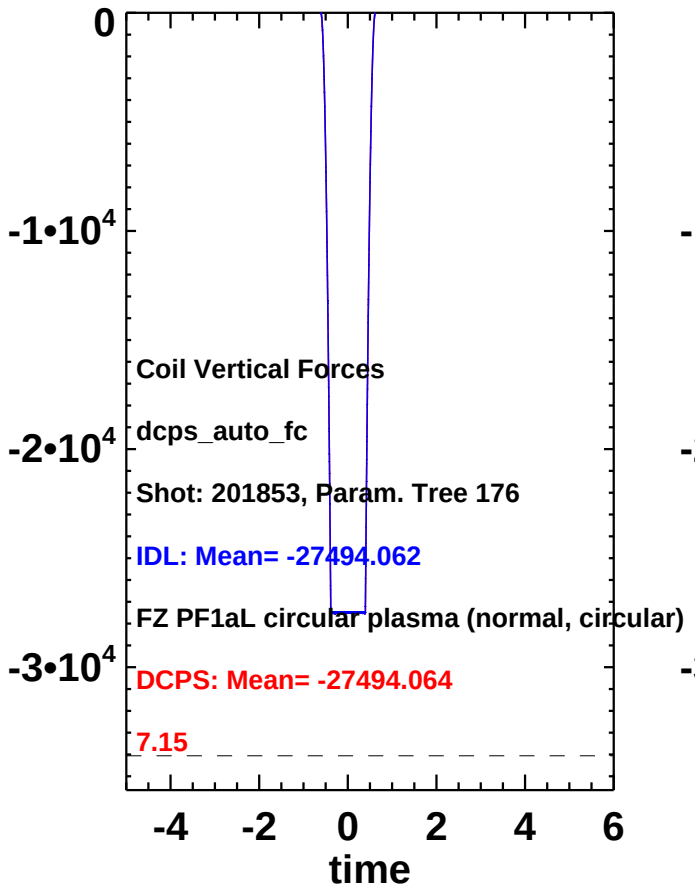

Fault Starts: -0.41191300
Fault Ends: 0.42368900
Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 34012.236
FZ PF1cL circular plasma (post. dis., shaped.)
DCPS: Mean= 34012.236
10.13
3•10^4
2•10^4
10•10^3
-3•10^-2
-4 -2 0 2 4 6
time

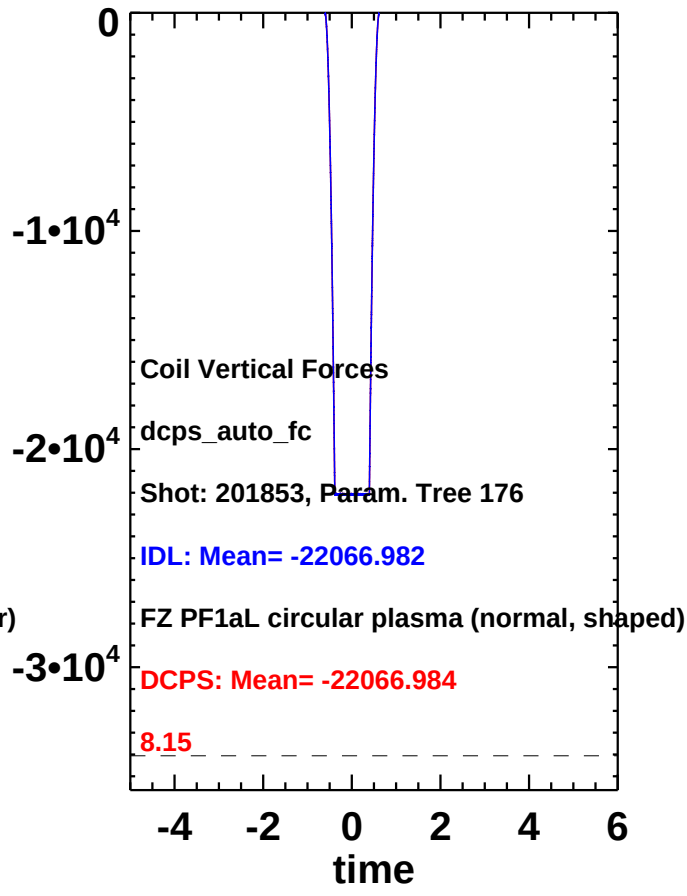

Fault Starts: -0.44231300
Fault Ends: 0.45448900
Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 71691.048
FZ PF1bL circular plasma (normal, circular)
DCPS: Mean= 71691.047
7.14
6•10^4
4•10^4
2•10^4
-3•10^-2
-4 -2 0 2 4 6
time

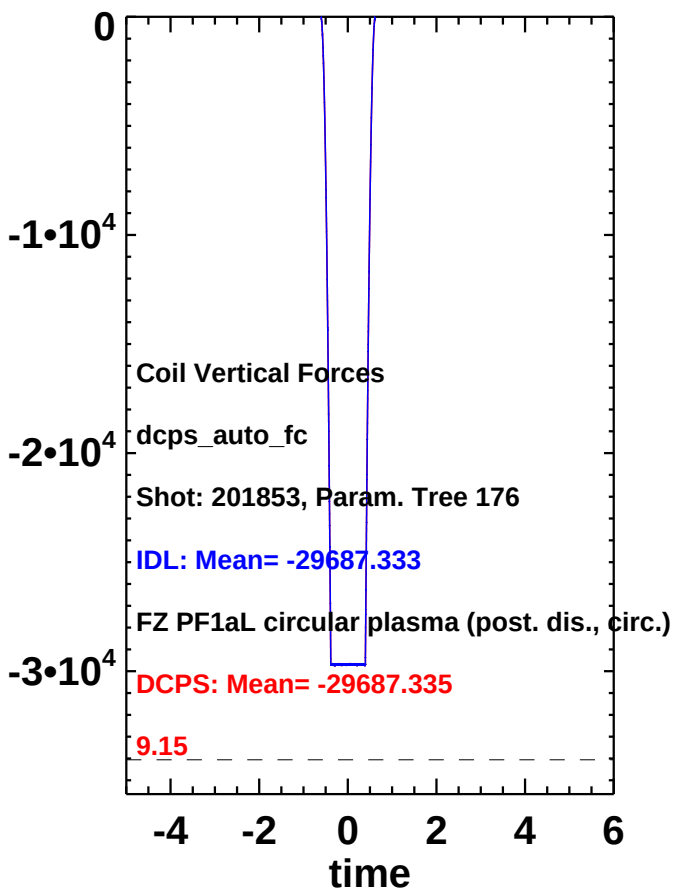

Fault Starts: -0.44431300
Fault Ends: 0.45628900
Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 73453.081
FZ PF1bL circular plasma (normal, shaped)
DCPS: Mean= 73453.080
8.14
6•10^4
4•10^4
2•10^4
-3•10^-2
-4 -2 0 2 4 6
time

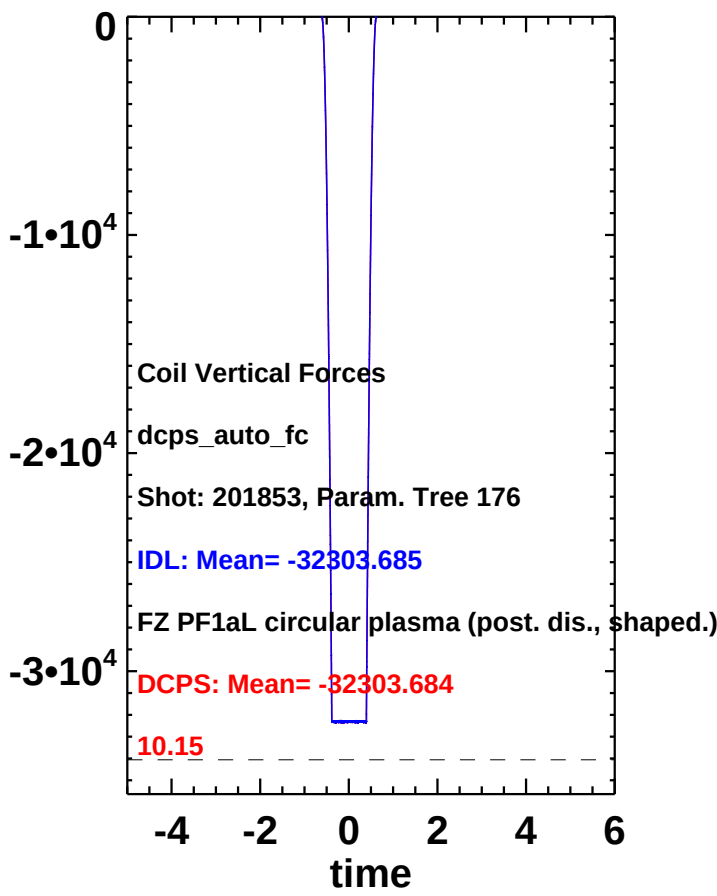

Fault Starts: -0.43771300
Fault Ends: 0.44968900
Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 67789.983
FZ PF1bL circular plasma (post. dis., circ.)
DCPS: Mean= 67789.982
9.14
6•10^4
4•10^4
2•10^4
-3•10^-2
-4 -2 0 2 4 6
time

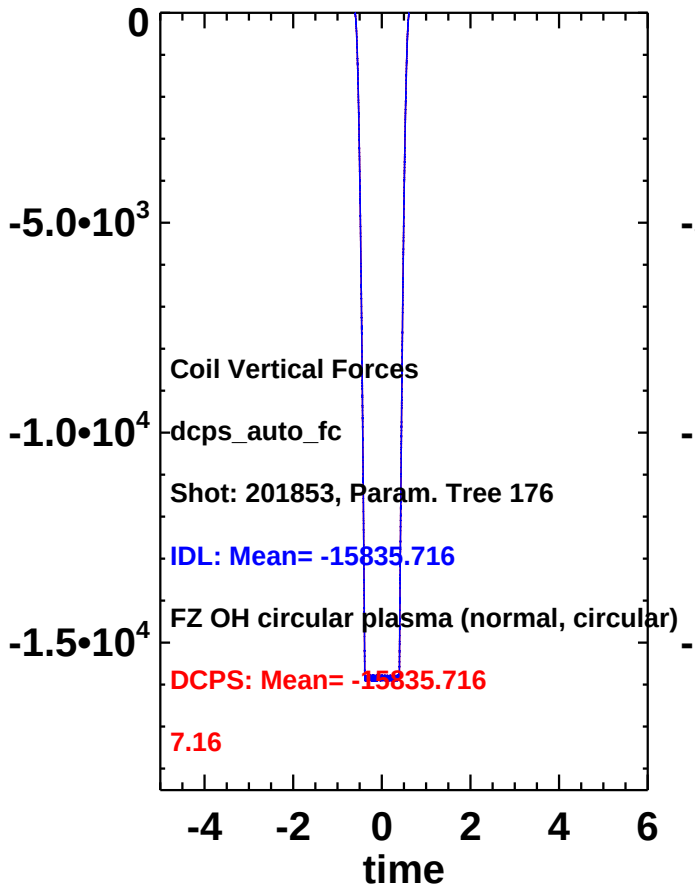

Fault Starts: -0.43971300
Fault Ends: 0.45168900
Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 69444.250
FZ PF1bL circular plasma (post. dis., shaped.)
DCPS: Mean= 69444.249
10.14
6•10^4
4•10^4
2•10^4
-3•10^-2
-4 -2 0 2 4 6
time

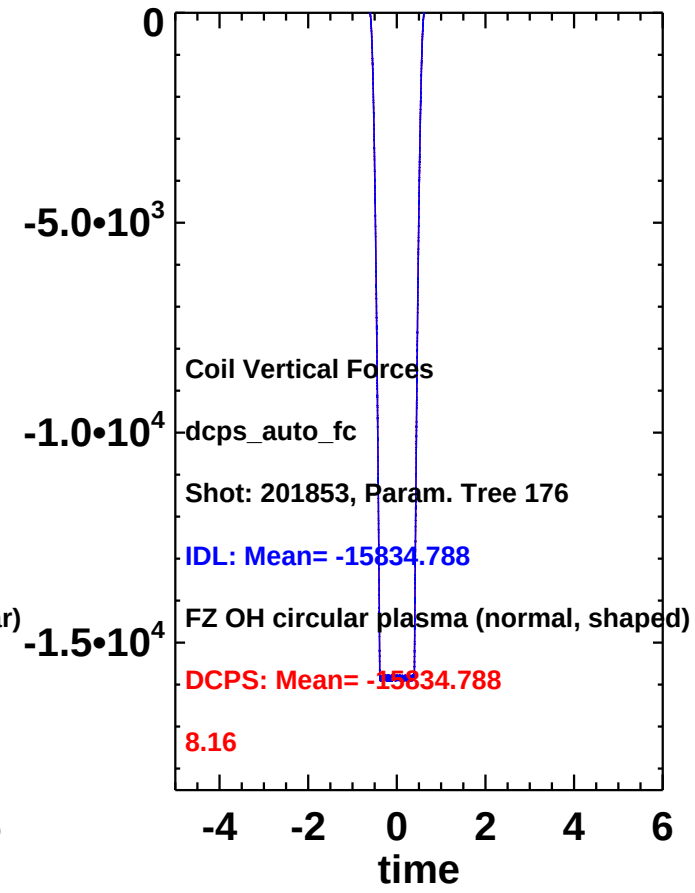

0
-1•10^4
-2•10^4
-3•10^4
Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -27494.062
FZ PF1aL circular plasma (normal, circular)
DCPS: Mean= -27494.064
7.15
-4 -2 0 2 4 6
time

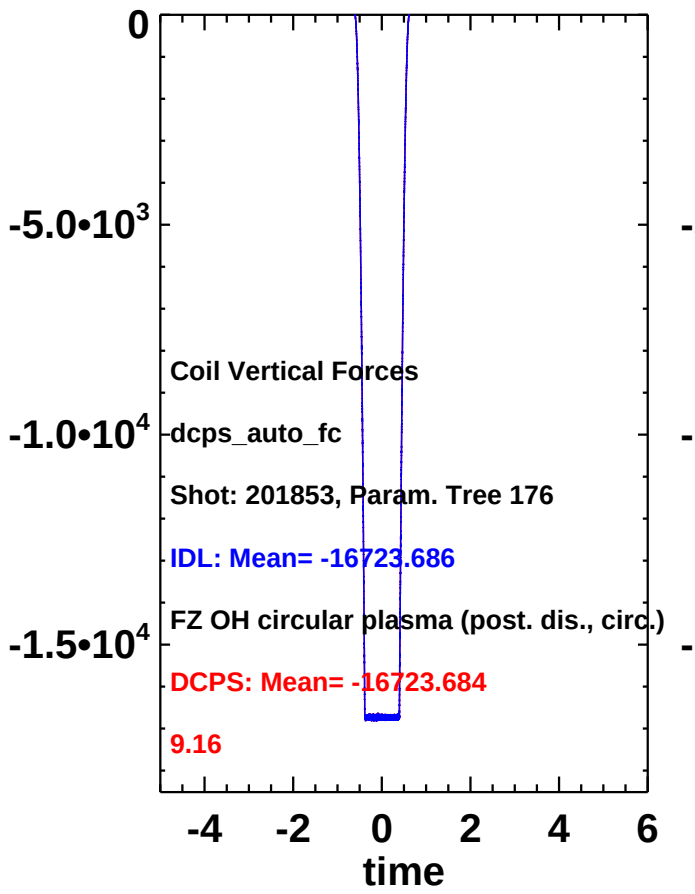

0
-1•10^4
-2•10^4
-3•10^4
Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -22066.982
FZ PF1aL circular plasma (normal, shaped)
DCPS: Mean= -22066.984
8.15
-4 -2 0 2 4 6
time

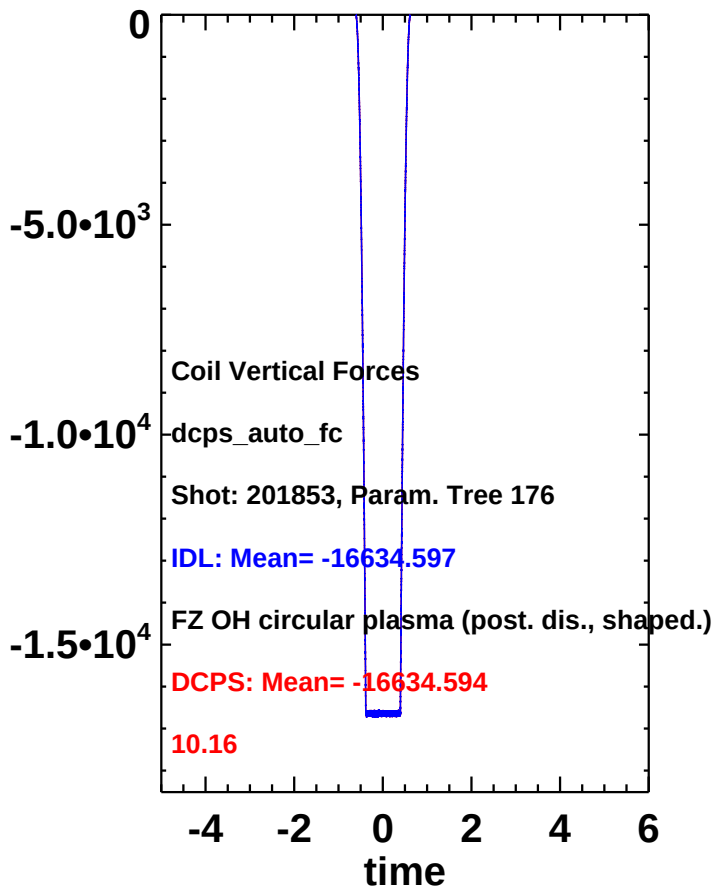

0
-1•10^4
-2•10^4
-3•10^4
Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -29687.333
FZ PF1aL circular plasma (post. dis., circ.)
DCPS: Mean= -29687.335
9.15
-4 -2 0 2 4 6
time

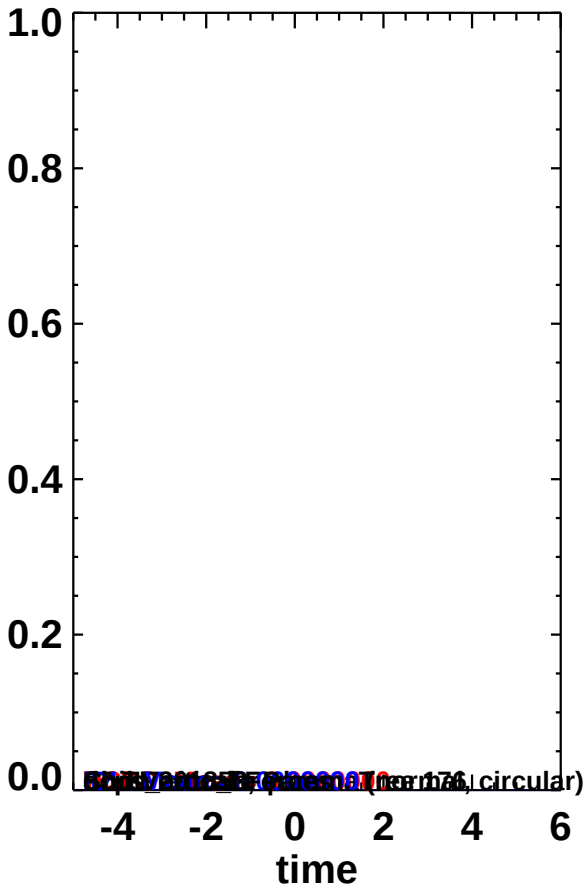

0
-1•10^4
-2•10^4
-3•10^4
Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -32303.685
FZ PF1aL circular plasma (post. dis., shaped.)
DCPS: Mean= -32303.684
10.15
-4 -2 0 2 4 6
time

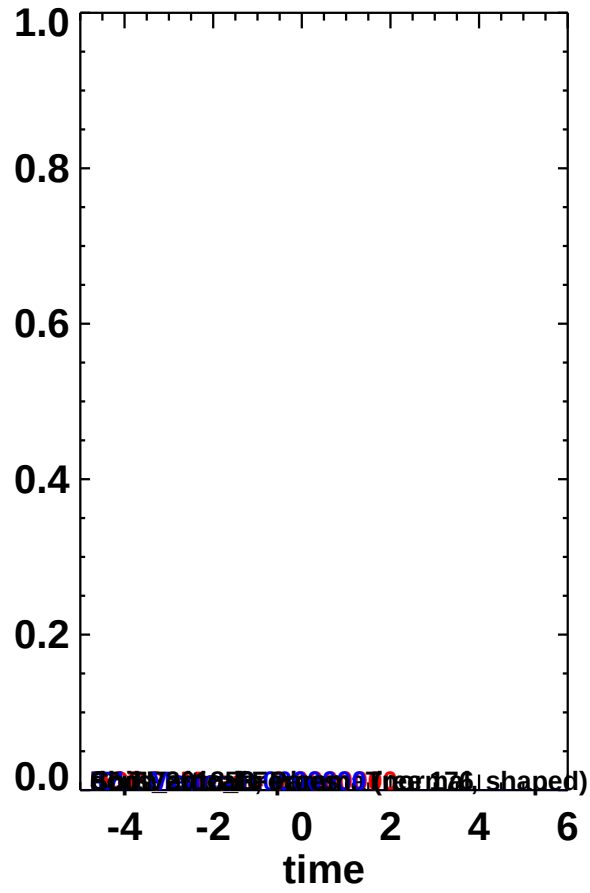

0
-5.0•10^3
-1.0•10^4
-1.5•10^4
Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -15835.716
FZ OH circular plasma (normal, circular)
DCPS: Mean= -15835.716
7.16
-4
-2
0
2
4
6
time

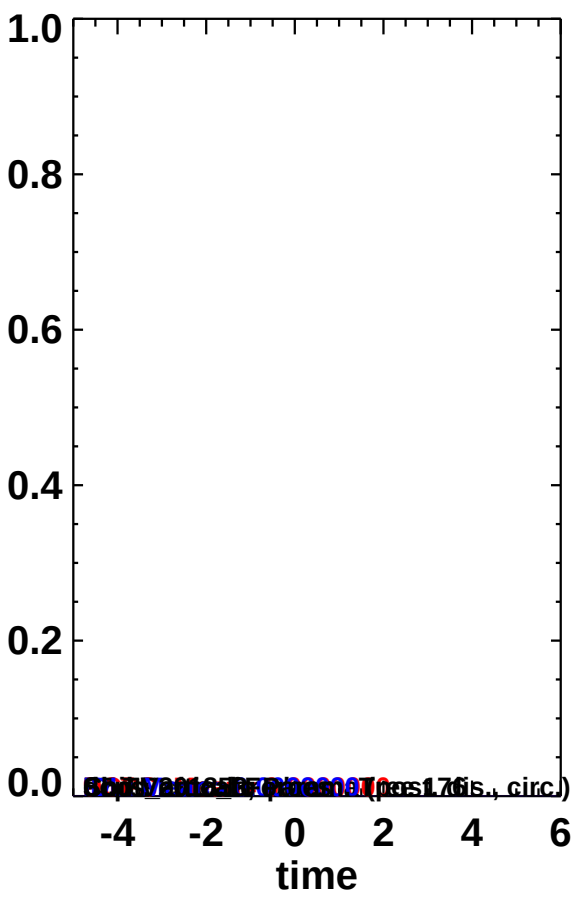

0
-5.0•10^3
-1.0•10^4
-1.5•10^4
Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -15834.788
FZ OH circular plasma (normal, shaped)
DCPS: Mean= -15834.788
8.16
-4
-2
0
2
4
6
time

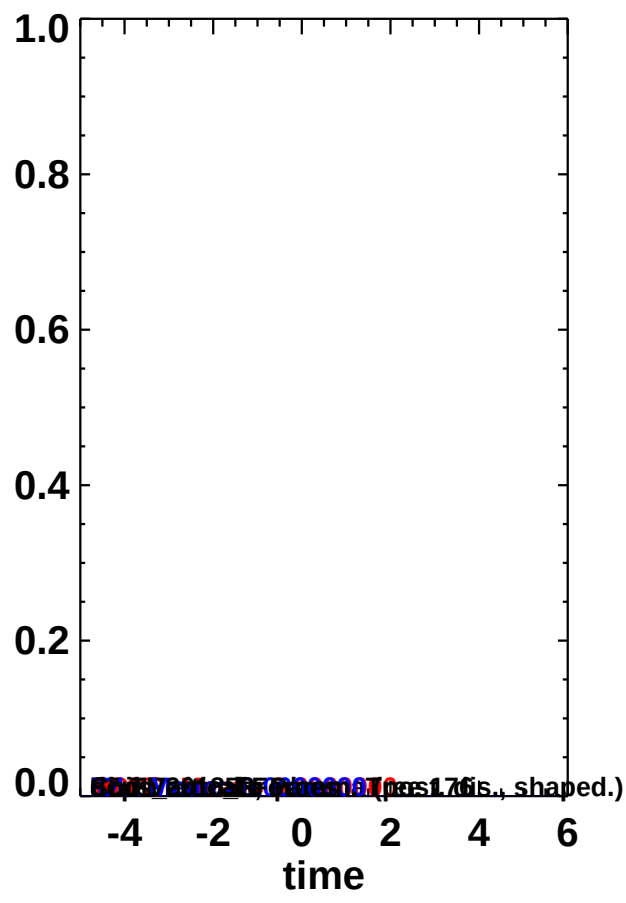

0
-5.0•10^3
-1.0•10^4
-1.5•10^4
Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -16723.686
FZ OH circular plasma (post. dis., circ.)
DCPS: Mean= -16723.684
9.16
-4
-2
0
2
4
6
time


0
-5.0•10^3
-1.0•10^4
-1.5•10^4
Coil Vertical Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -16634.597
FZ OH circular plasma (post. dis., shaped.)
DCPS: Mean= -16634.594
10.16
-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