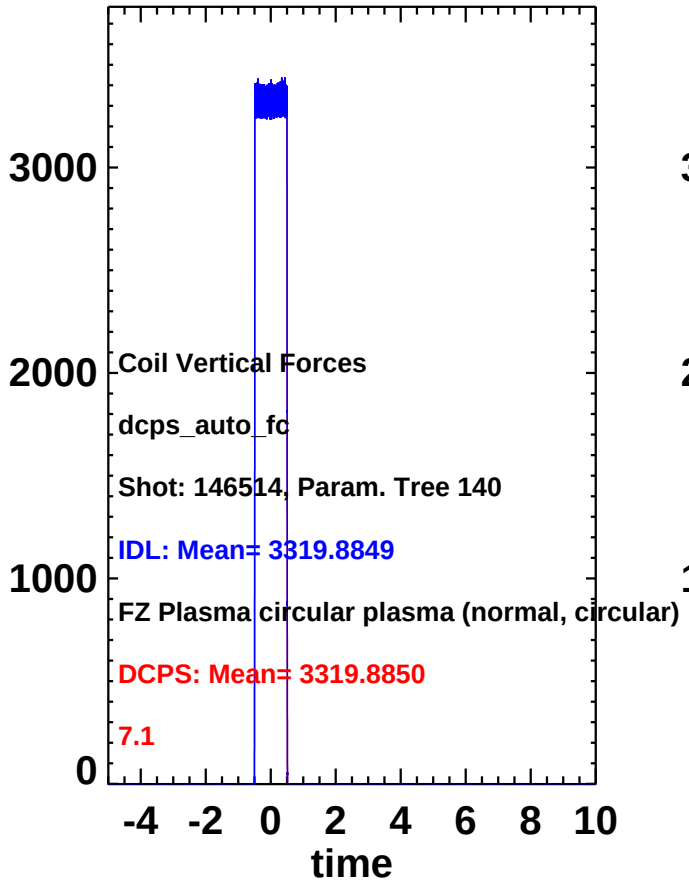
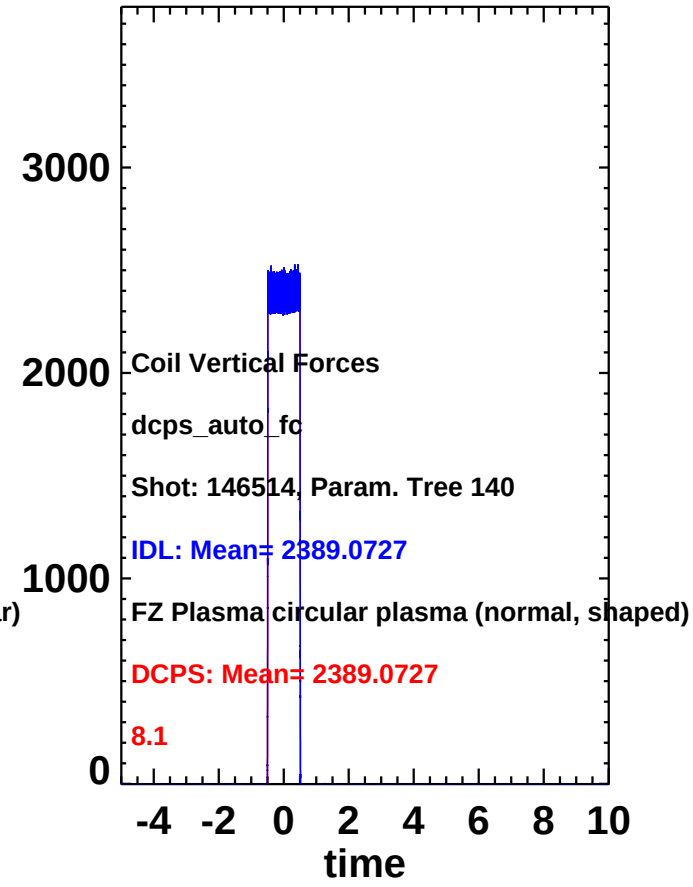
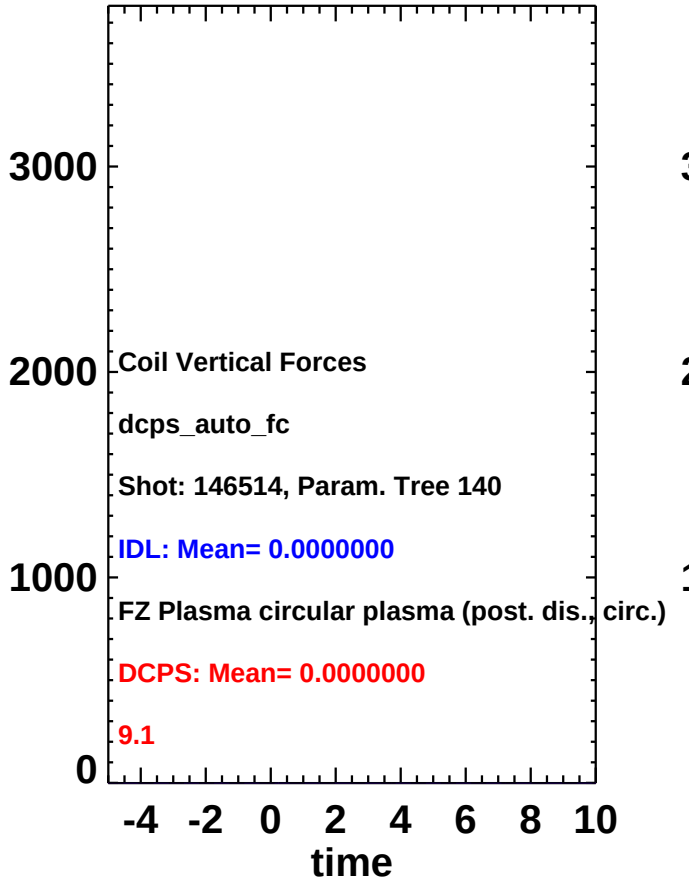
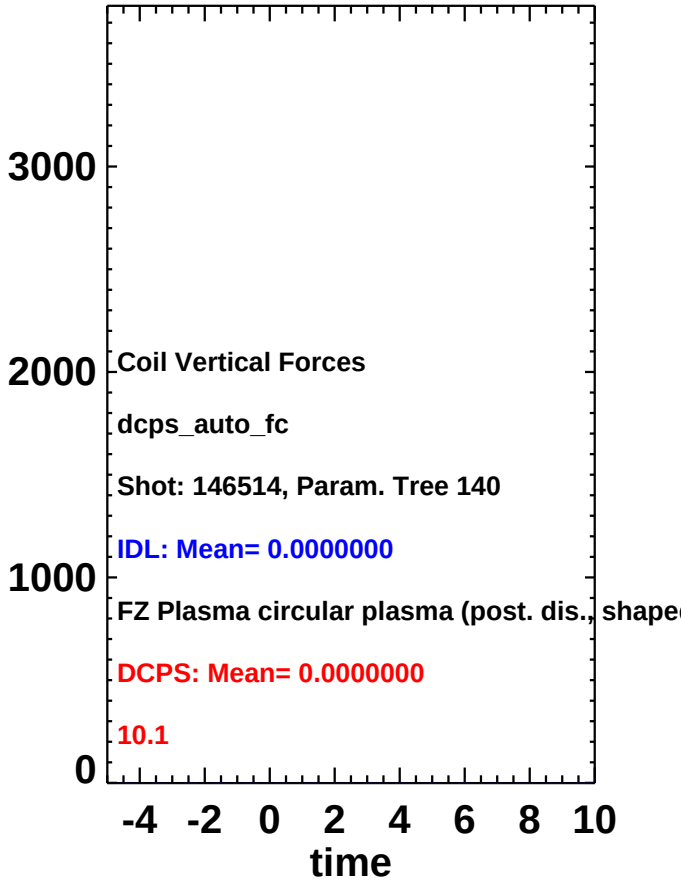
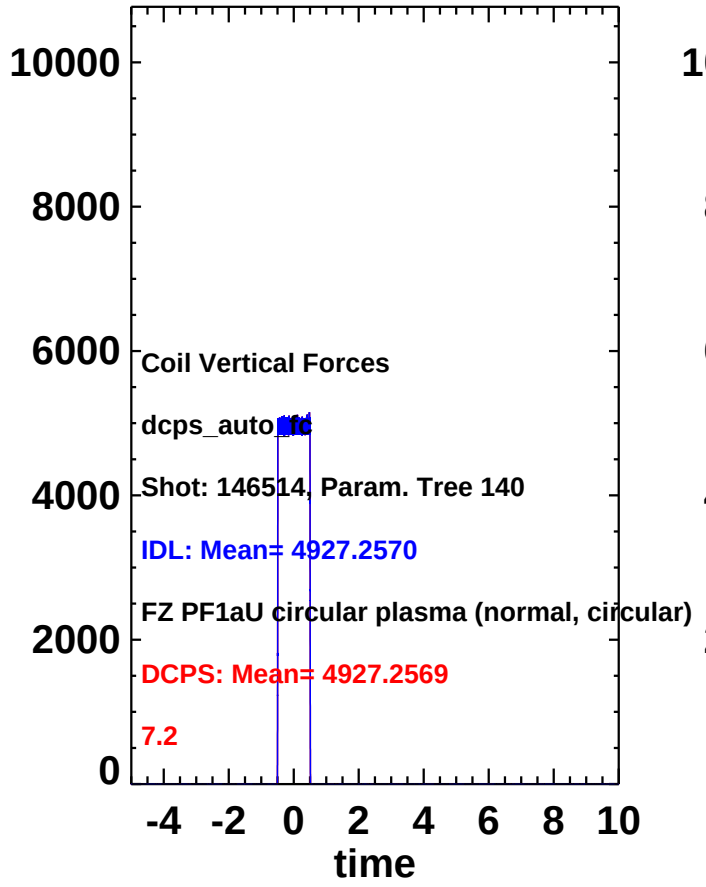
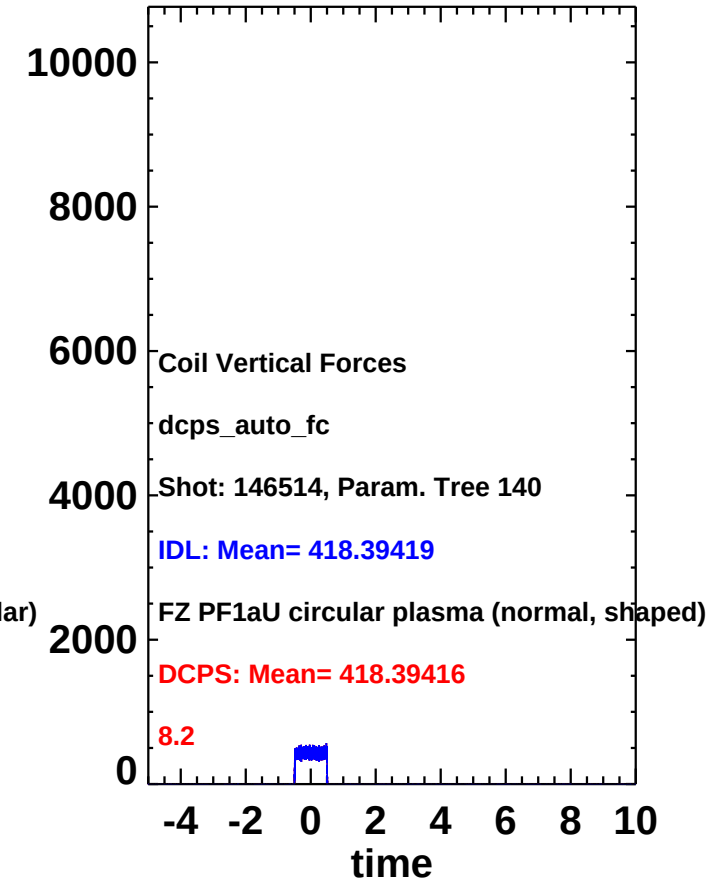

Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= 3319.8849
FZ Plasma circular plasma (normal, circular)
DCPS: Mean= 3319.8850
7.1
3000
2000
1000
0
-4 -2 0 2 4 6 8 10
time

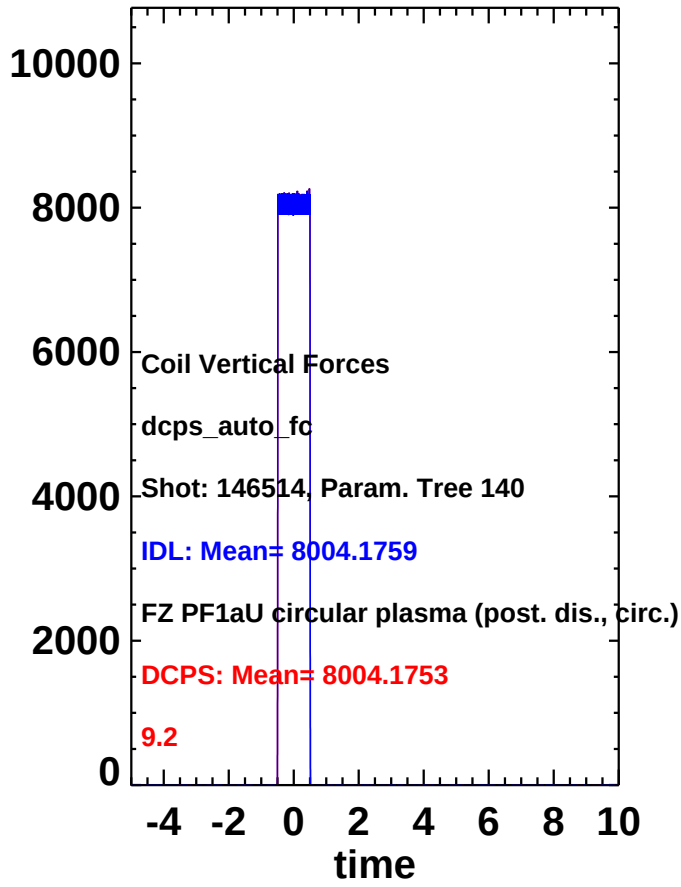

Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= 2389.0727
FZ Plasma circular plasma (normal, shaped)
DCPS: Mean= 2389.0727
8.1
3000
2000
1000
0
-4 -2 0 2 4 6 8 10
time

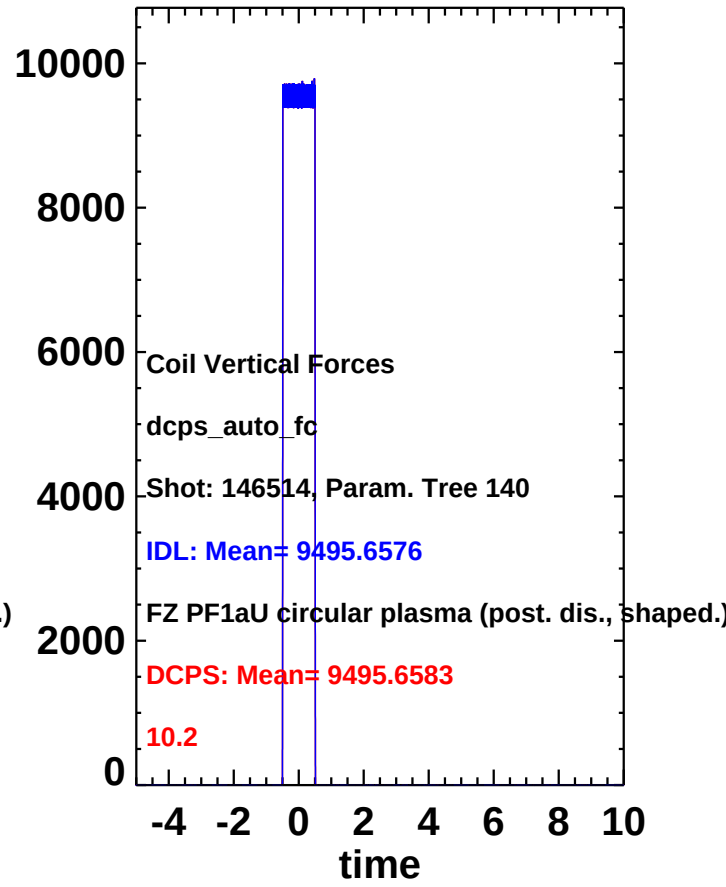

Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= 0.0000000
FZ Plasma circular plasma (post. dis., circ.)
DCPS: Mean= 0.0000000
9.1
3000
2000
1000
0
-4 -2 0 2 4 6 8 10
time

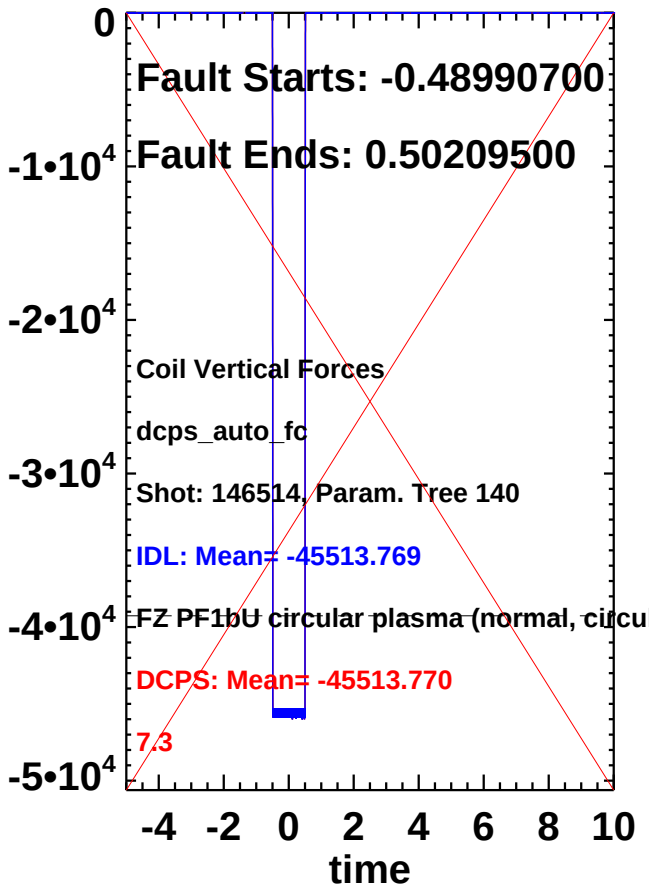

Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= 0.0000000
FZ Plasma circular plasma (post. dis., shaped
DCPS: Mean= 0.0000000
10.1
3000
2000
1000
0
-4 -2 0 2 4 6 8 10
time

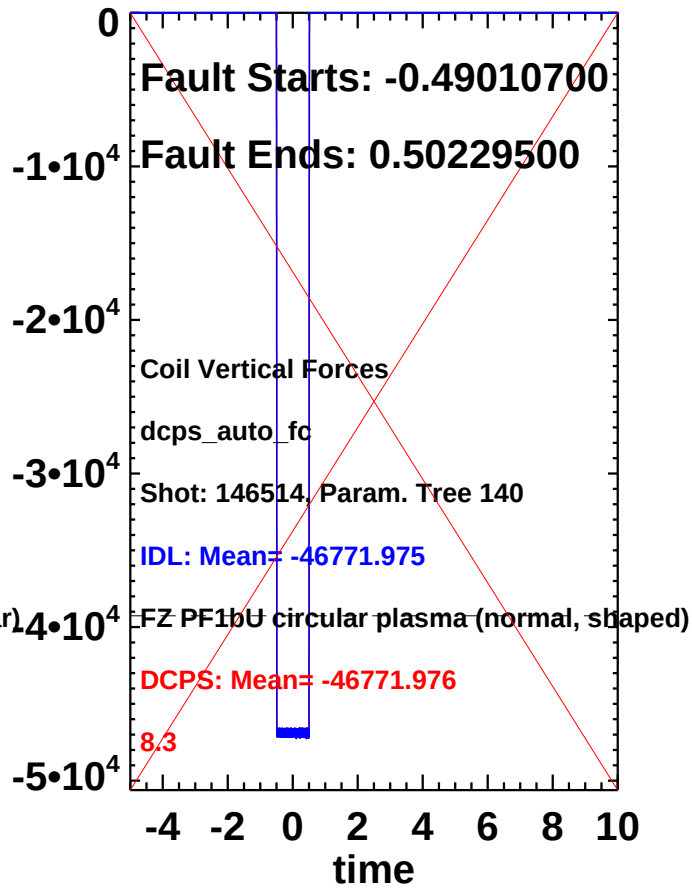

Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= 4927.2570
FZ PF1aU circular plasma (normal, circular)
DCPS: Mean= 4927.2569
7.2
time

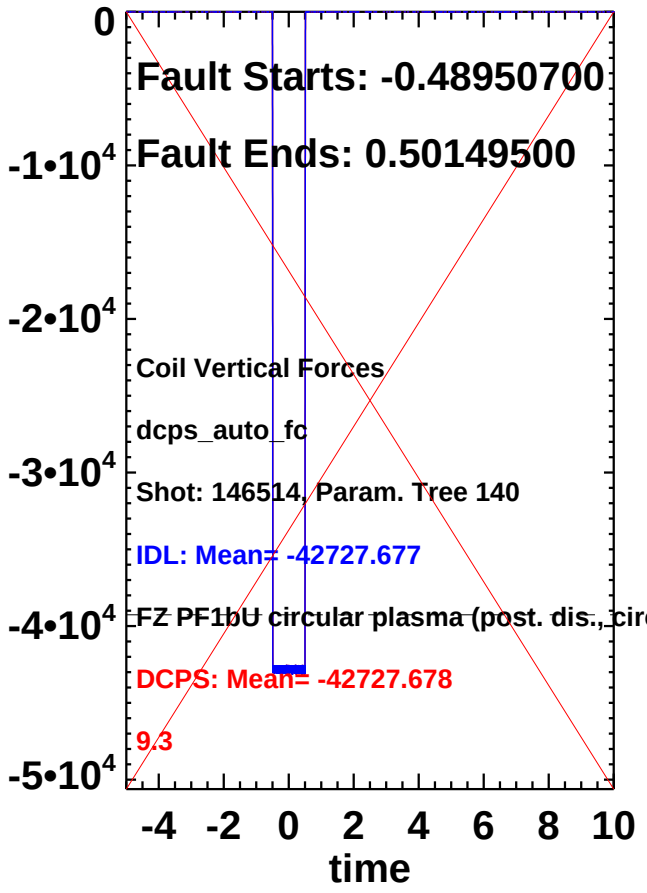

Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= 418.39419
FZ PF1aU circular plasma (normal, shaped)
DCPS: Mean= 418.39416
8.2
time

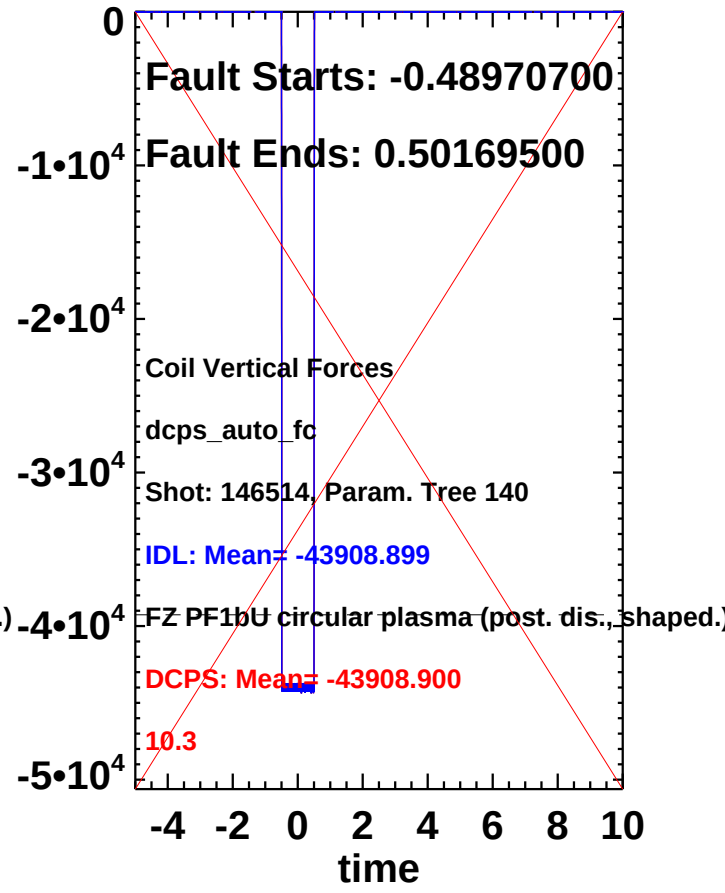

Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= 8004.1759
FZ PF1aU circular plasma (post. dis., circ.)
DCPS: Mean= 8004.1753
9.2
time

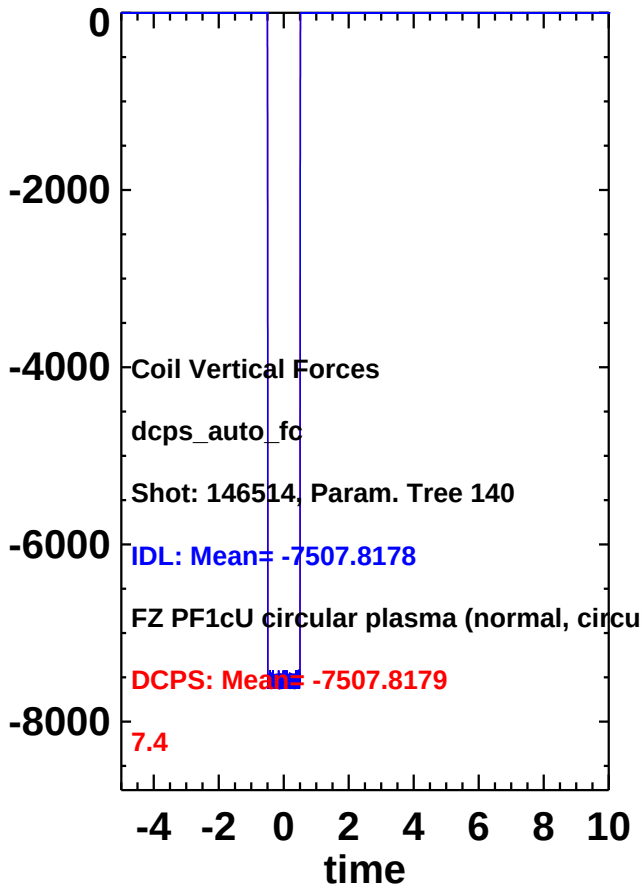

Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= 9495.6576
FZ PF1aU circular plasma (post. dis., shaped.)
DCPS: Mean= 9495.6583
10.2
time

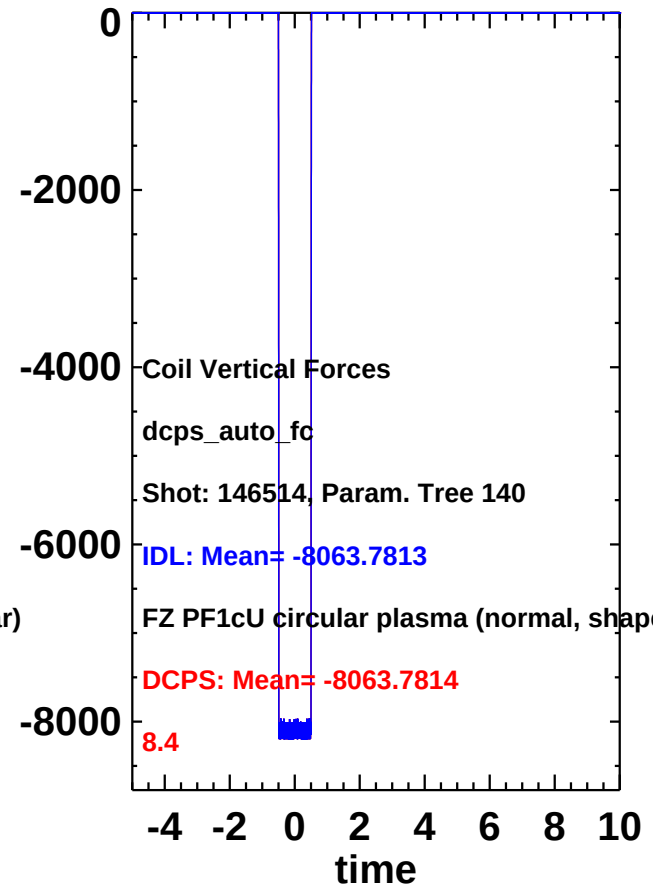

Fault Starts: -0.48990700
Fault Ends: 0.50209500
Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= -45513.769
FZ PF1bU circular plasma (normal, circular)
DCPS: Mean= -45513.770
7.3
0
-1•10^4
-2•10^4
-3•10^4
-4•10^4
-5•10^4
-4 -2 0 2 4 6 8 10
time

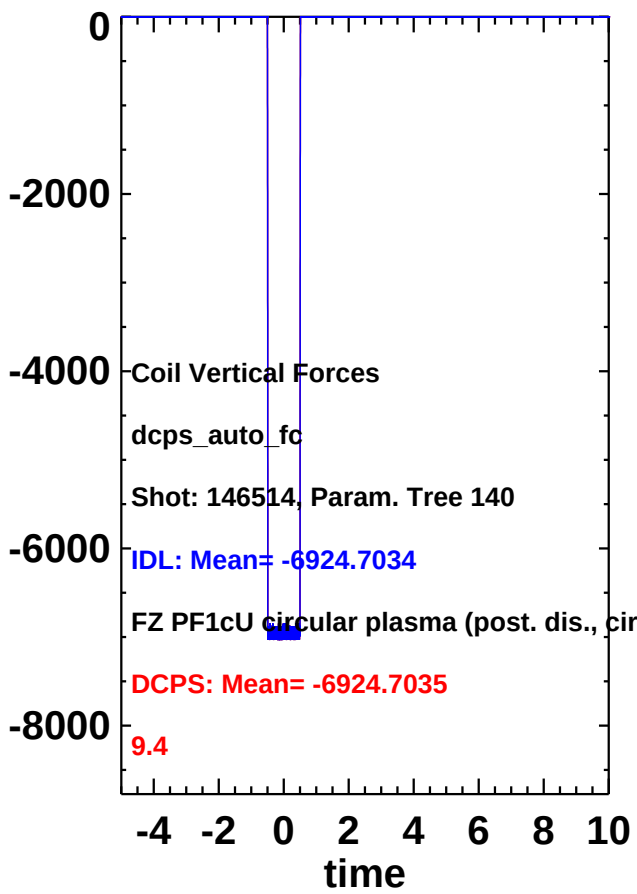

Fault Starts: -0.49010700
Fault Ends: 0.50229500
Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= -46771.975
FZ PF1bU circular plasma (normal, shaped)
DCPS: Mean= -46771.976
8.3
0
-1•10^4
-2•10^4
-3•10^4
-4•10^4
-5•10^4
-4 -2 0 2 4 6 8 10
time

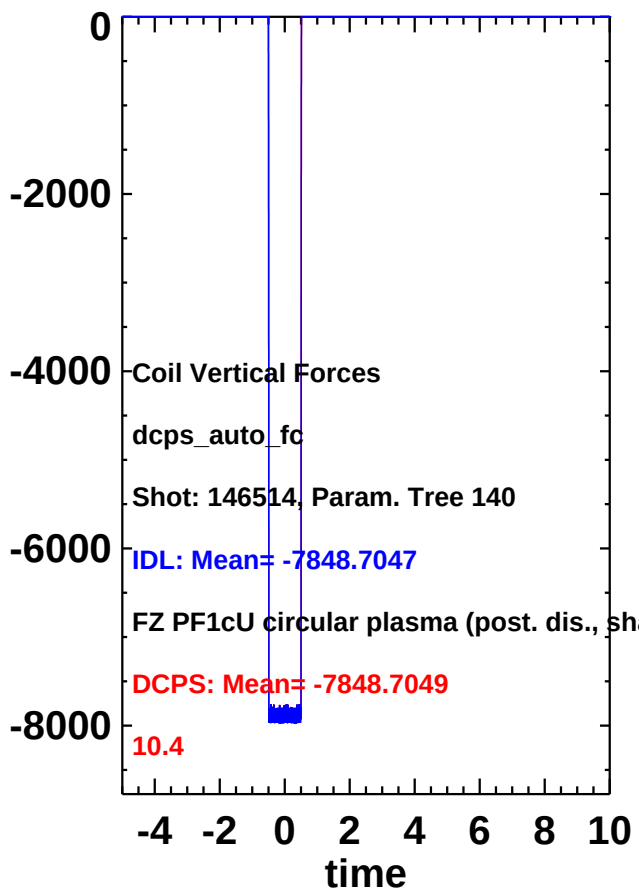

Fault Starts: -0.48950700
Fault Ends: 0.50149500
Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= -42727.677
FZ PF1bU circular plasma (post. dis., circ.)
DCPS: Mean= -42727.678
9.3
0
-1•10^4
-2•10^4
-3•10^4
-4•10^4
-5•10^4
-4 -2 0 2 4 6 8 10
time

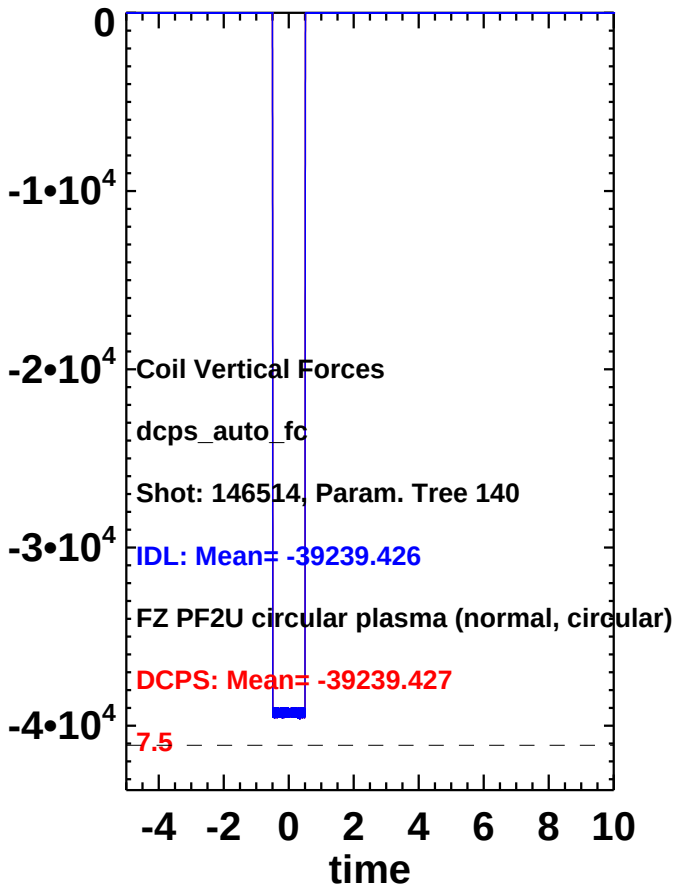

Fault Starts: -0.48970700
Fault Ends: 0.50169500
Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= -43908.899
FZ PF1bU circular plasma (post. dis., shaped.)
DCPS: Mean= -43908.900
10.3
0
-1•10^4
-2•10^4
-3•10^4
-4•10^4
-5•10^4
-4 -2 0 2 4 6 8 10
time

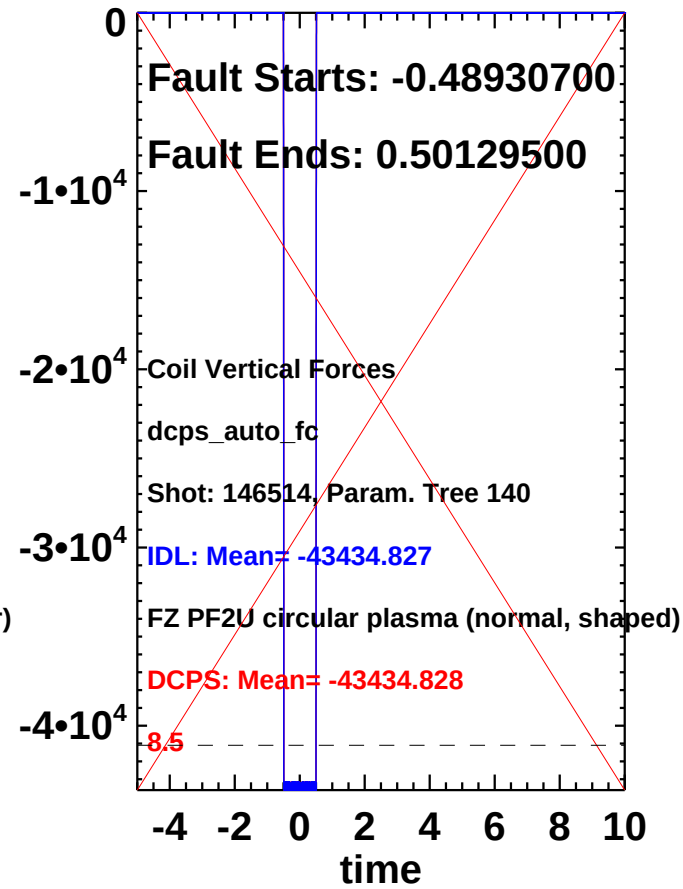

Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= -7507.8178
FZ PF1cU circular plasma (normal, circular)
DCPS: Mean= -7507.8179
7.4
0
-2000
-4000
-6000
-8000
-4 -2 0 2 4 6 8 10
time

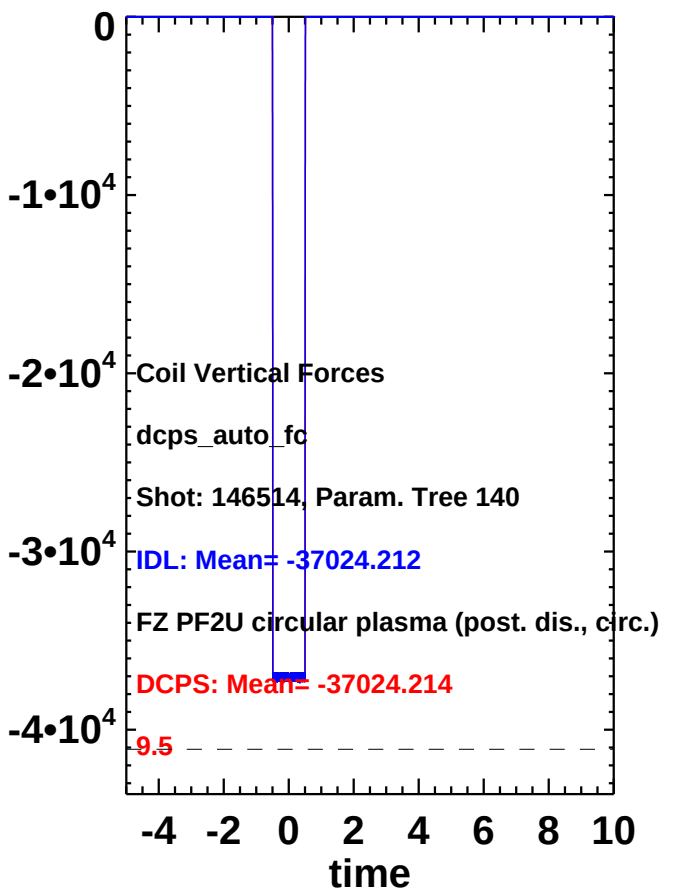

Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= -8063.7813
FZ PF1cU circular plasma (normal, shaped)
DCPS: Mean= -8063.7814
8.4
0
-2000
-4000
-6000
-8000
-4 -2 0 2 4 6 8 10
time

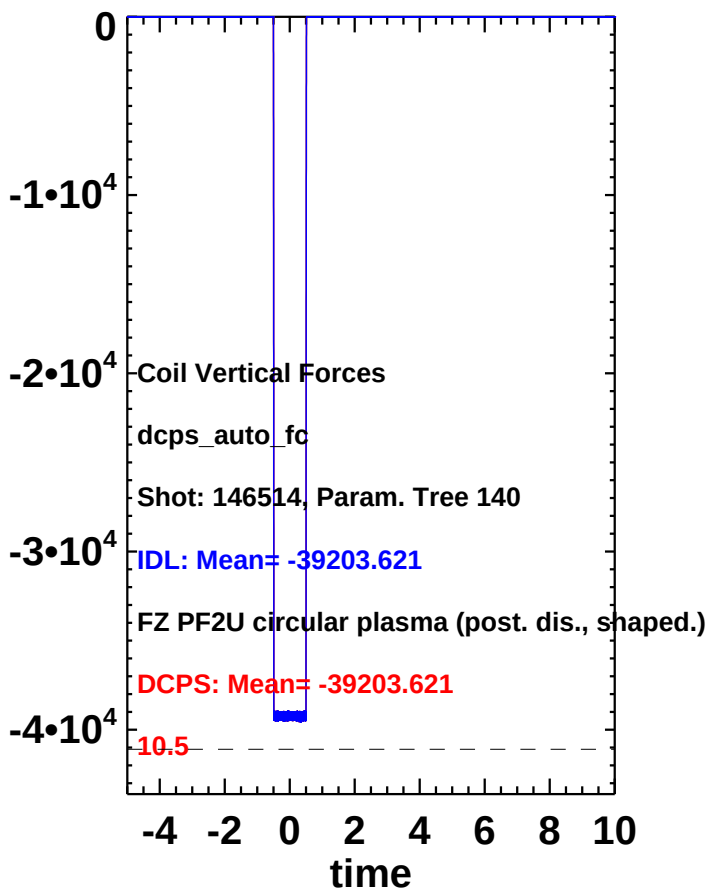

Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= -6924.7034
FZ PF1cU circular plasma (post. dis., circ.)
DCPS: Mean= -6924.7035
9.4
0
-2000
-4000
-6000
-8000
-4 -2 0 2 4 6 8 10
time

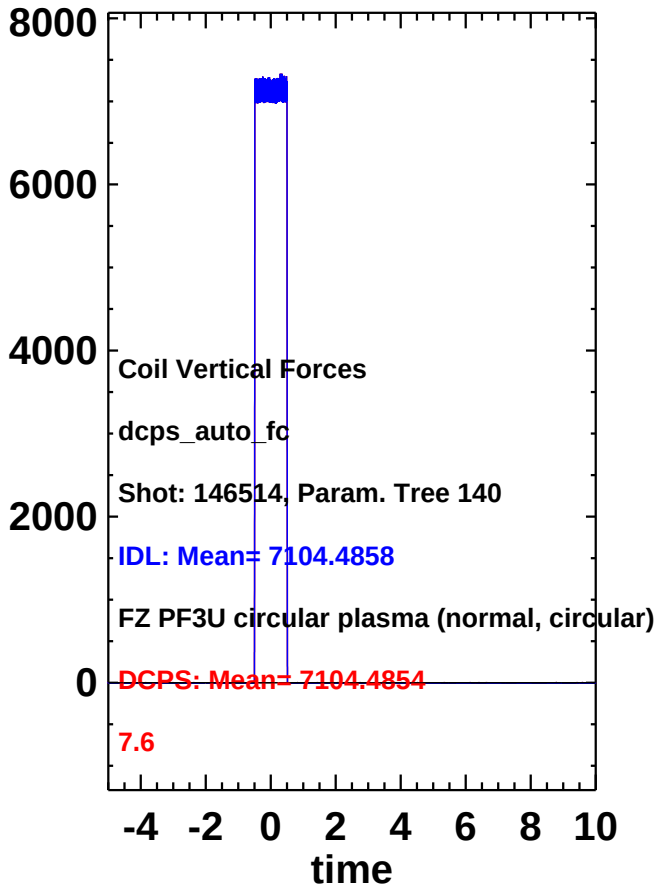

Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= -7848.7047
FZ PF1cU circular plasma (post. dis., shaped.)
DCPS: Mean= -7848.7049
10.4
0
-2000
-4000
-6000
-8000
-4 -2 0 2 4 6 8 10
time

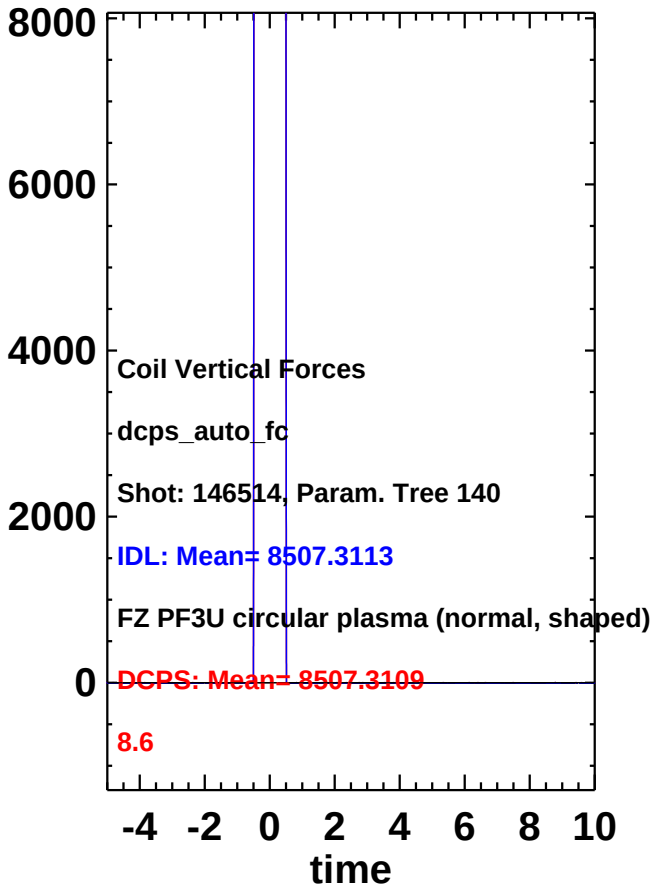

0
-1•10^4
-2•10^4
-3•10^4
-4•10^4
Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= -39239.426
FZ PF2U circular plasma (normal, circular)
DCPS: Mean= -39239.427
7.5
-4 -2 0 2 4 6 8 10
time

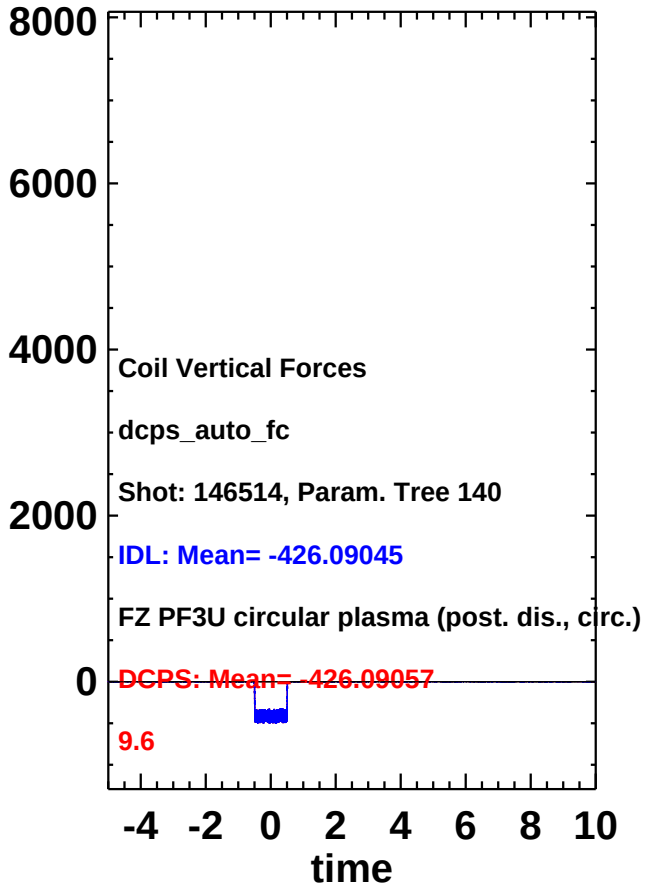

0
-1•10^4
-2•10^4
-3•10^4
-4•10^4
Fault Starts: -0.48930700
Fault Ends: 0.50129500
Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= -43434.827
FZ PF2U circular plasma (normal, shaped)
DCPS: Mean= -43434.828
8.5
-4 -2 0 2 4 6 8 10
time

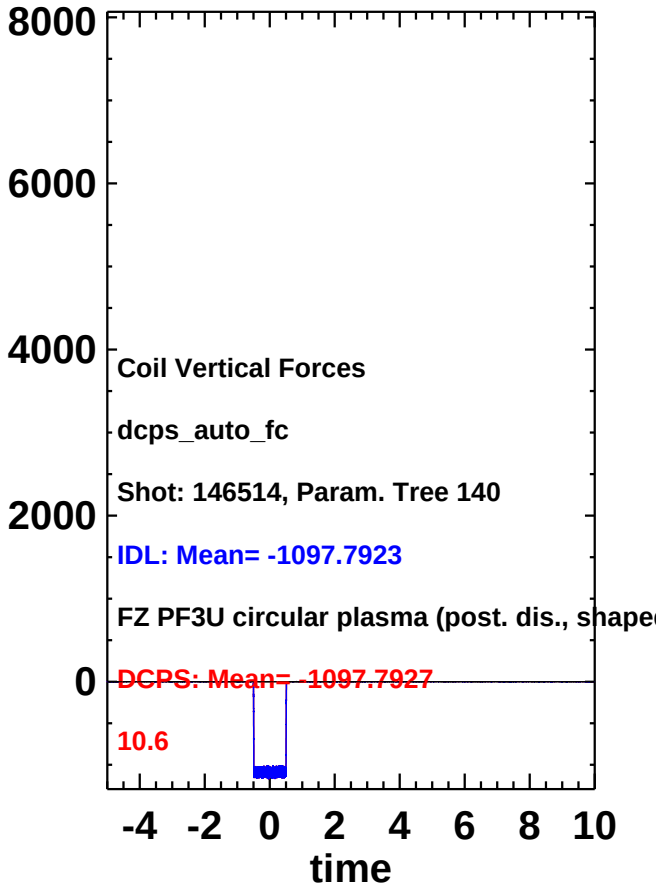

0
-1•10^4
-2•10^4
-3•10^4
-4•10^4
Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= -37024.212
FZ PF2U circular plasma (post. dis., circ.)
DCPS: Mean= -37024.214
9.5
-4 -2 0 2 4 6 8 10
time

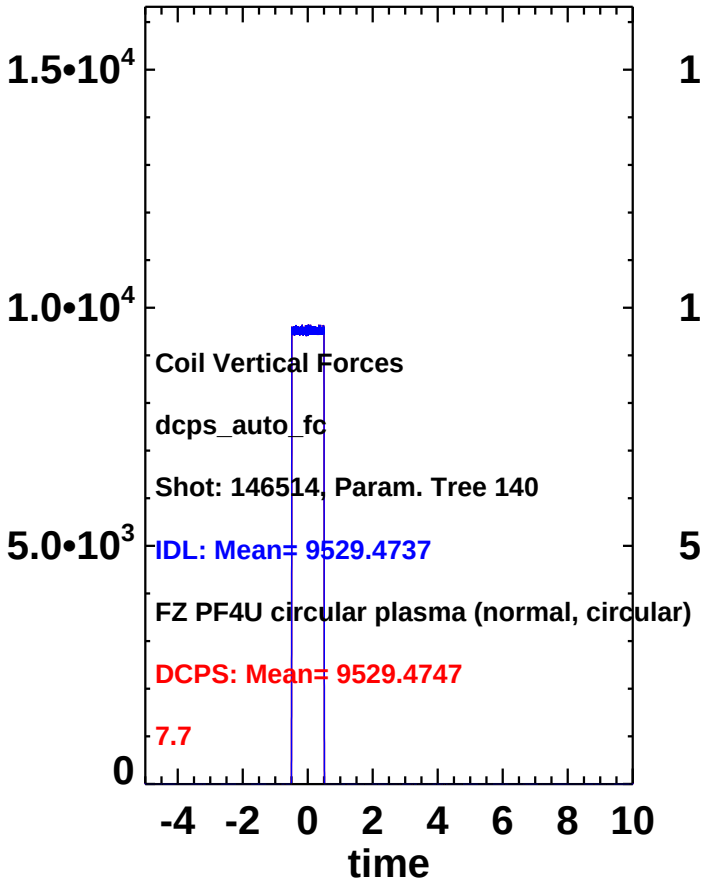

0
-1•10^4
-2•10^4
-3•10^4
-4•10^4
Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= -39203.621
FZ PF2U circular plasma (post. dis., shaped.)
DCPS: Mean= -39203.621
10.5
-4 -2 0 2 4 6 8 10
time

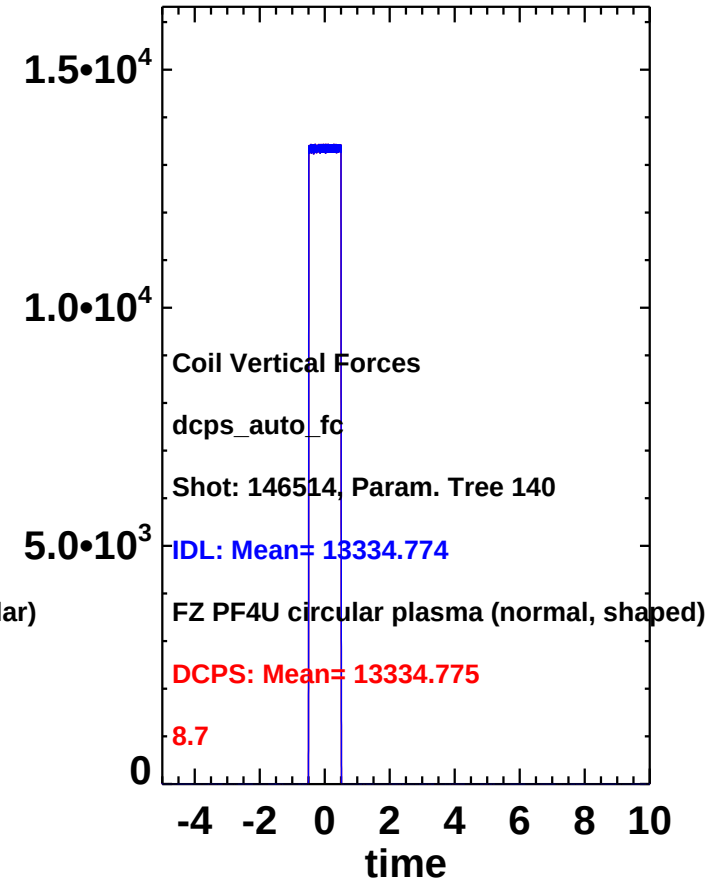

8000
6000
4000
2000
0
Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= 7104.4858
FZ PF3U circular plasma (normal, circular)
DCPS: Mean= 7104.4854
7.6
-4 -2 0 2 4 6 8 10
time

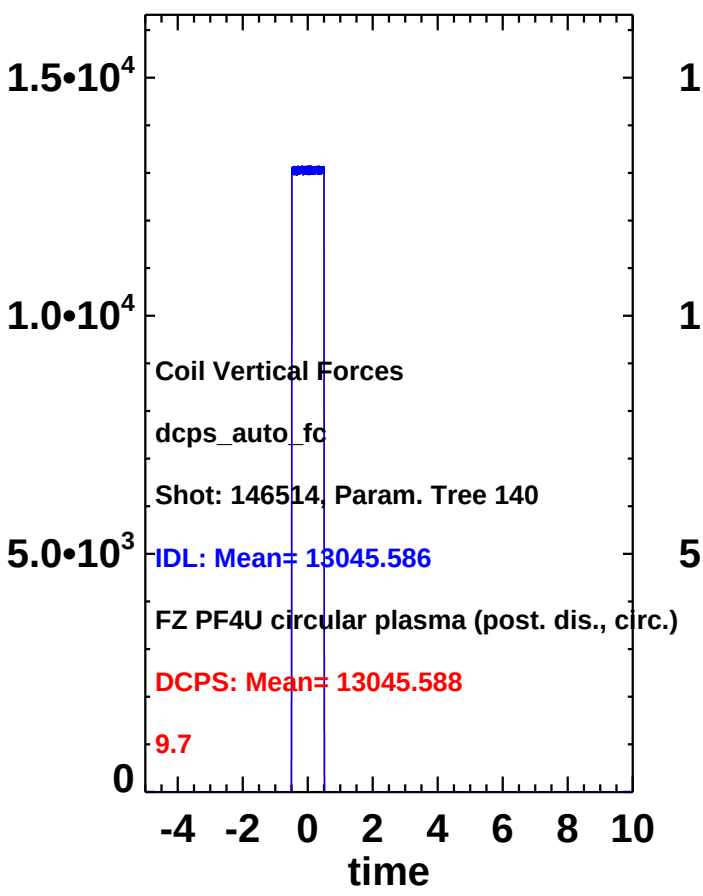

8000
6000
4000
2000
0
Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= 8507.3113
FZ PF3U circular plasma (normal, shaped)
DCPS: Mean= 8507.3109
8.6
-4 -2 0 2 4 6 8 10
time

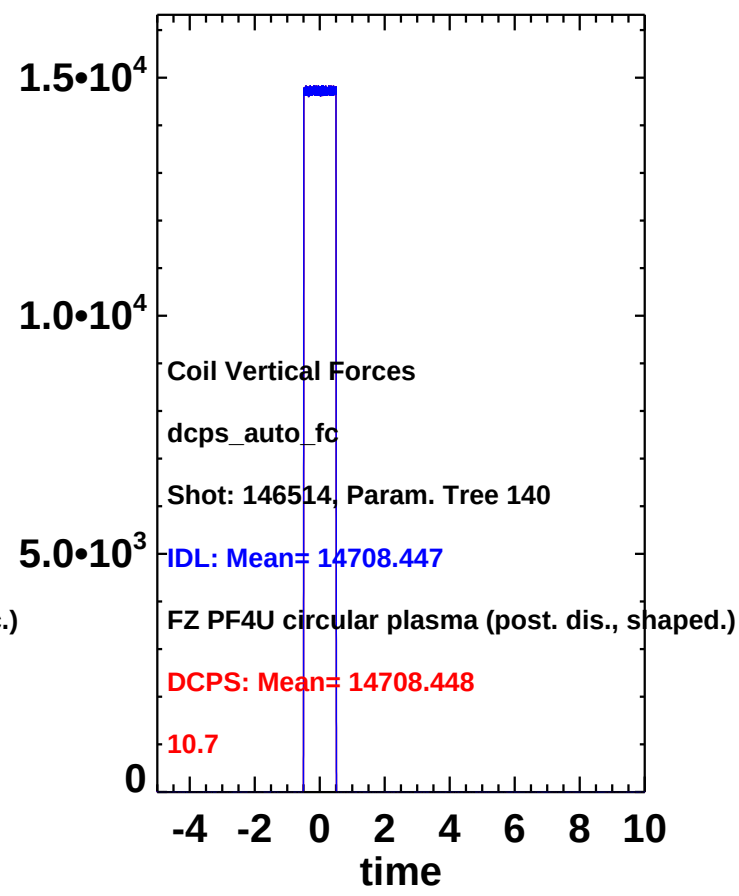

8000
6000
4000
2000
0
Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= -426.09045
FZ PF3U circular plasma (post. dis., circ.)
DCPS: Mean= -426.09057
9.6
-4 -2 0 2 4 6 8 10
time

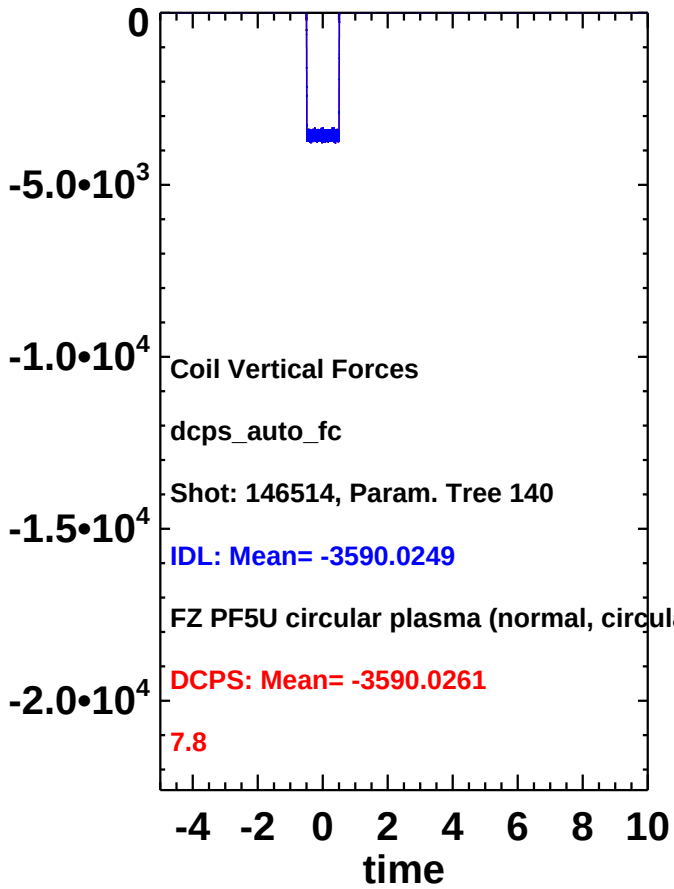

8000
6000
4000
2000
0
Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= -1097.7923
FZ PF3U circular plasma (post. dis., shaped.)
DCPS: Mean= -1097.7927
10.6
-4 -2 0 2 4 6 8 10
time

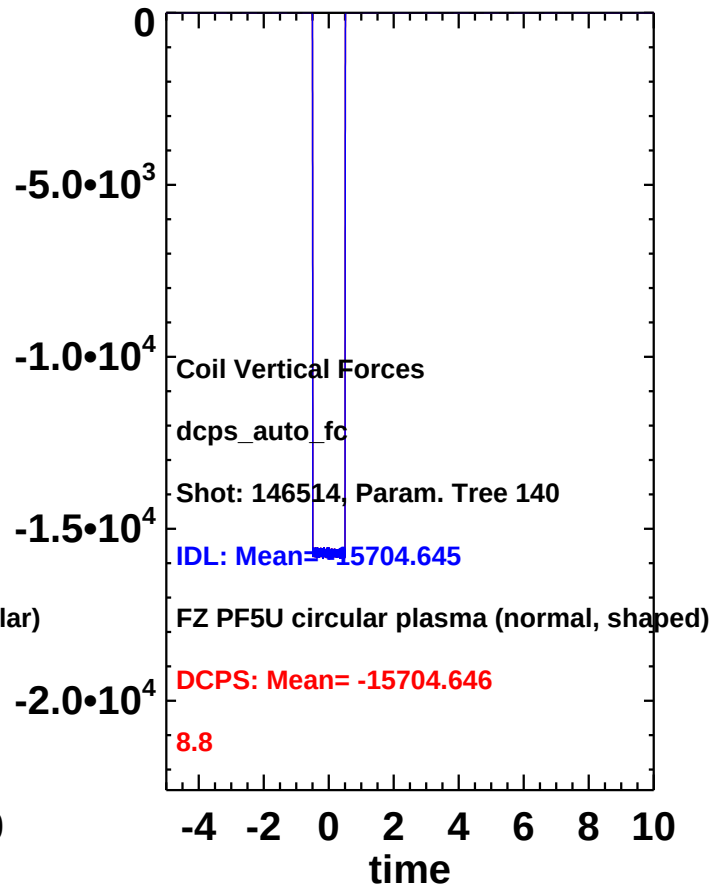

1.5•10^4
1.0•10^4
5.0•10^3
0
Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= 9529.4737
FZ PF4U circular plasma (normal, circular)
DCPS: Mean= 9529.4747
7.7
-4 -2 0 2 4 6 8 10
time

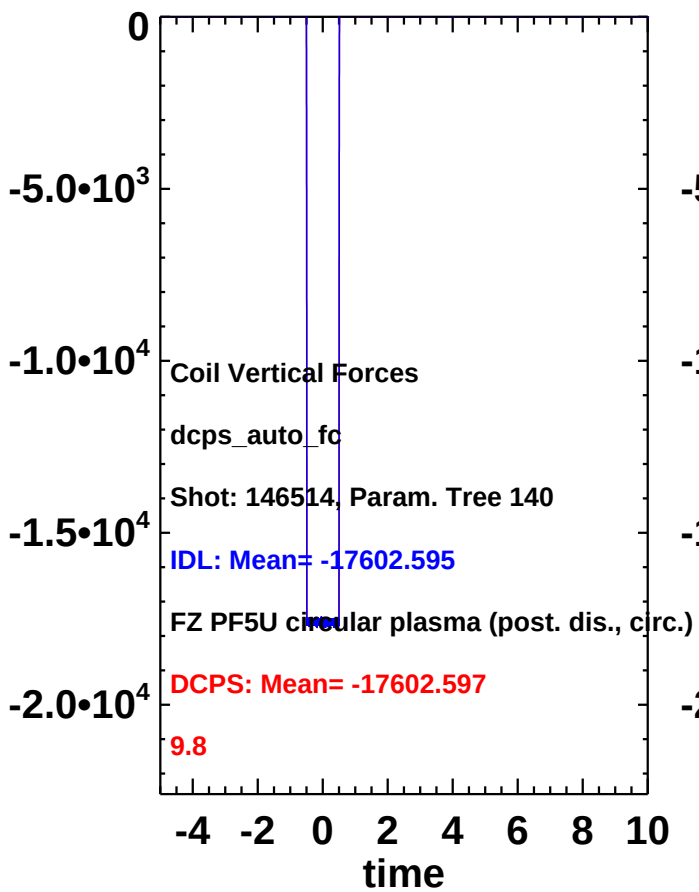

1.5•10^4
1.0•10^4
5.0•10^3
0
Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= 13334.774
FZ PF4U circular plasma (normal, shaped)
DCPS: Mean= 13334.775
8.7
-4 -2 0 2 4 6 8 10
time

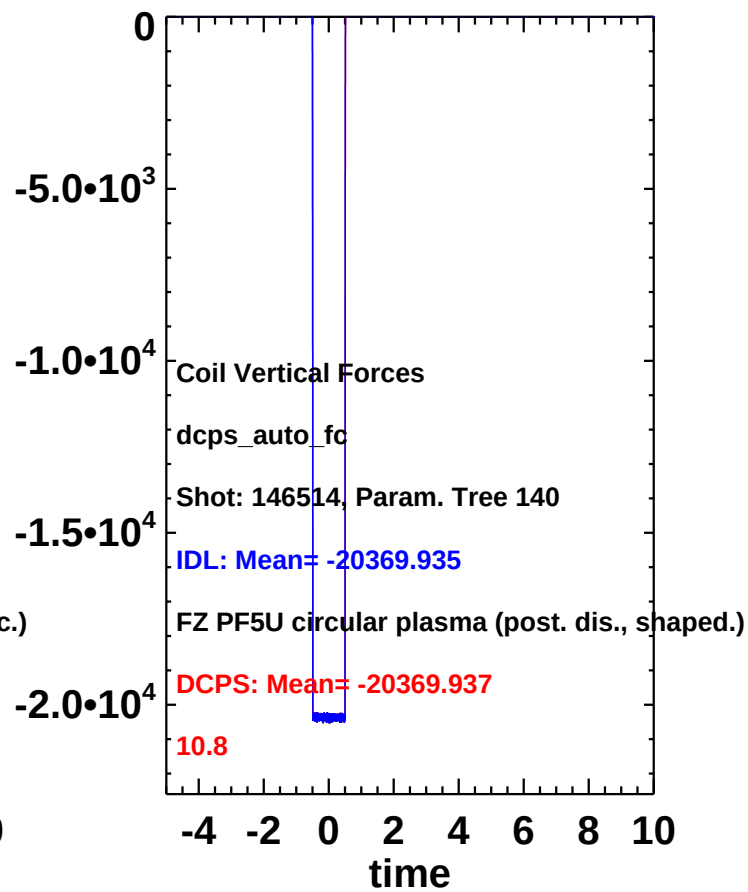

1.5•10^4
1.0•10^4
5.0•10^3
0
Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= 13045.586
FZ PF4U circular plasma (post. dis., circ.)
DCPS: Mean= 13045.588
9.7
-4 -2 0 2 4 6 8 10
time

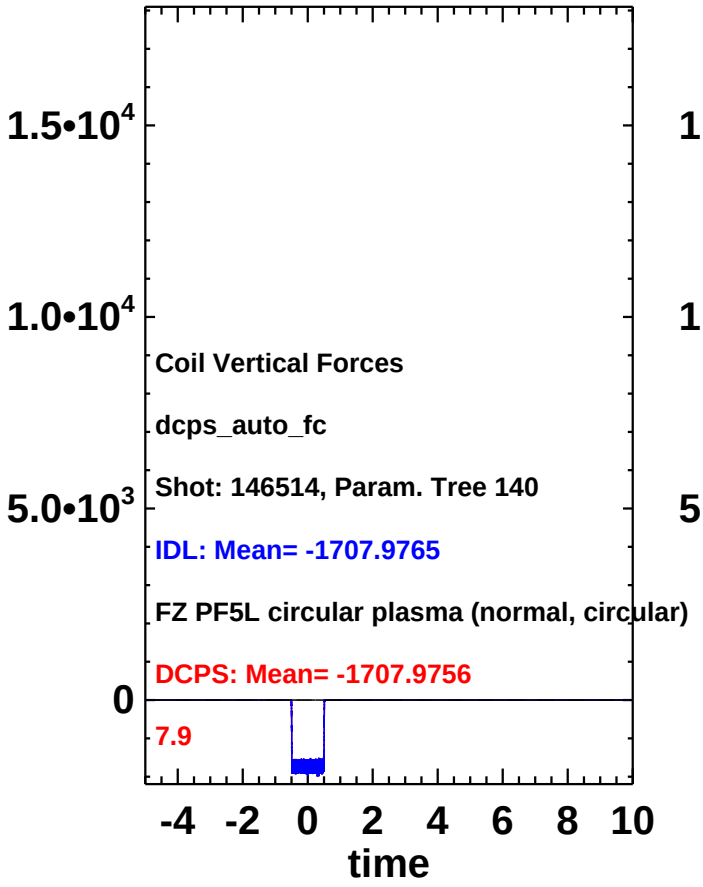

1.5•10^4
1.0•10^4
5.0•10^3
0
Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= 14708.447
FZ PF4U circular plasma (post. dis., shaped.)
DCPS: Mean= 14708.448
10.7
-4 -2 0 2 4 6 8 10
time

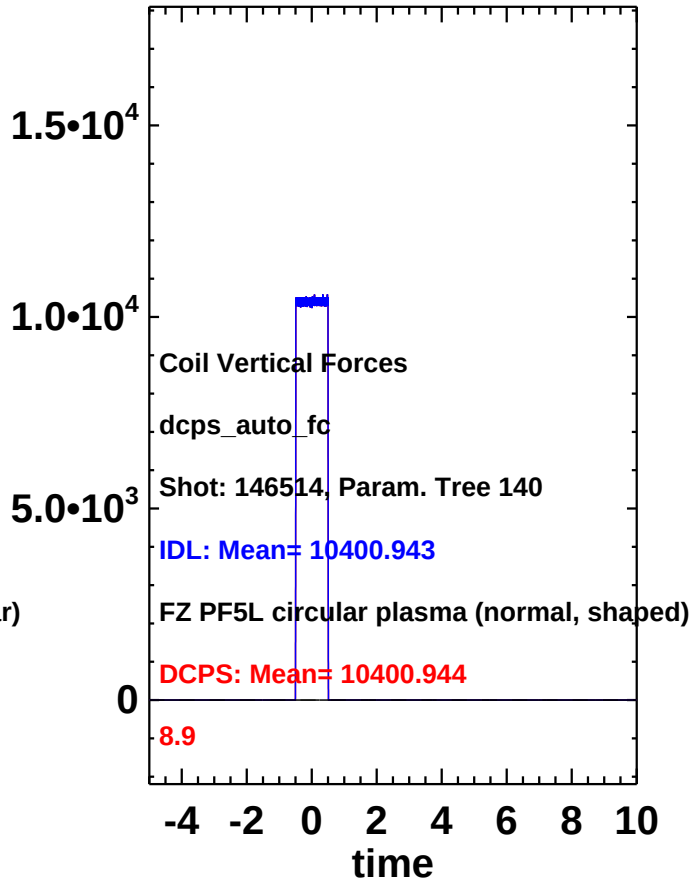

Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= -3590.0249
FZ PF5U circular plasma (normal, circular)
DCPS: Mean= -3590.0261
7.8
time

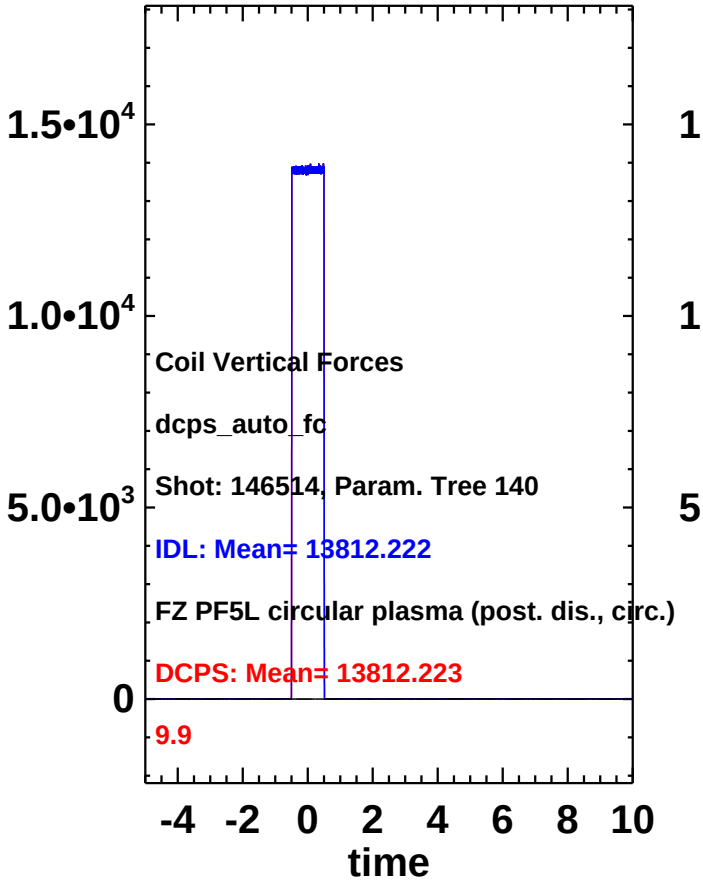

Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= -15704.645
FZ PF5U circular plasma (normal, shaped)
DCPS: Mean= -15704.646
8.8
time

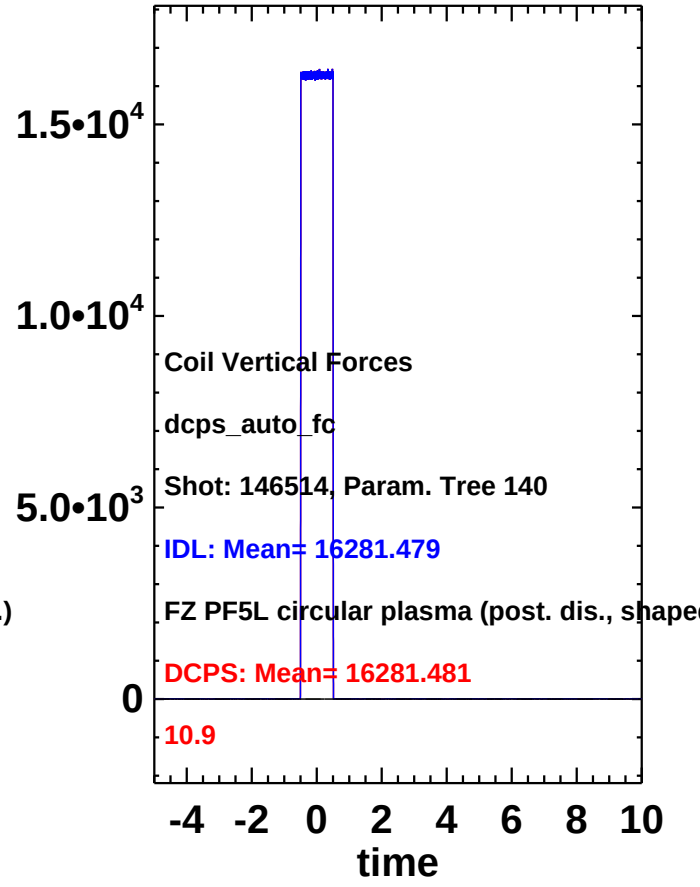

Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= -17602.595
FZ PF5U circular plasma (post. dis., circ.)
DCPS: Mean= -17602.597
9.8
time

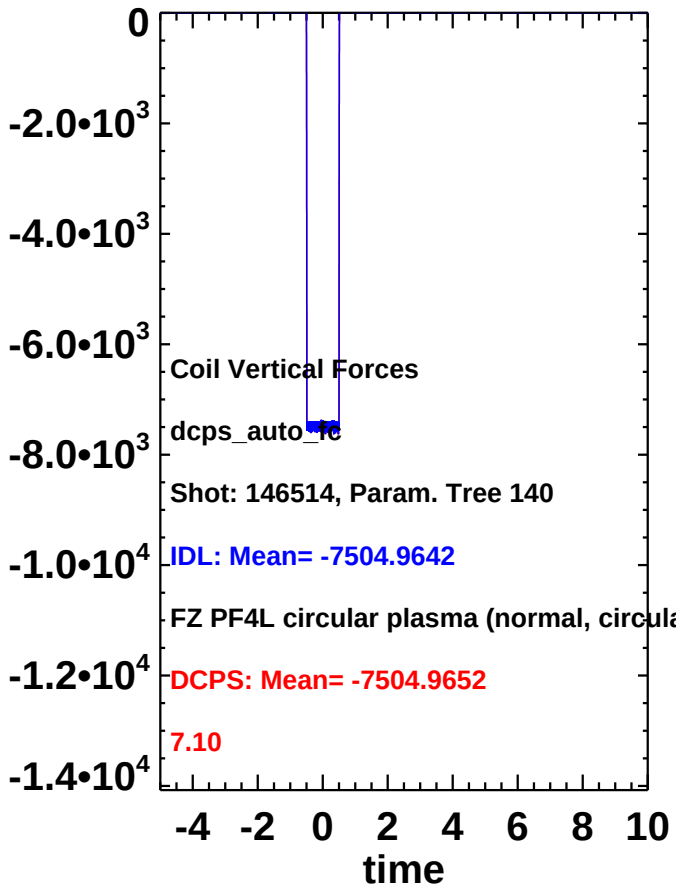

Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= -20369.935
FZ PF5U circular plasma (post. dis., shaped.)
DCPS: Mean= -20369.937
10.8
time

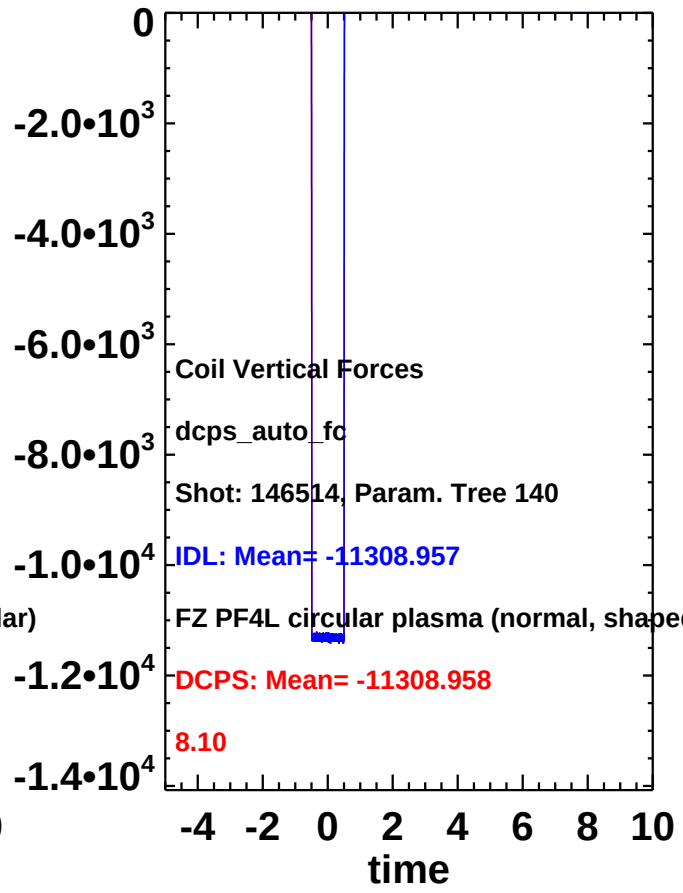

1.5•10^4
1.0•10^4
5.0•10^3
0
Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= -1707.9765
FZ PF5L circular plasma (normal, circular)
DCPS: Mean= -1707.9756
7.9
-4 -2 0 2 4 6 8 10
time

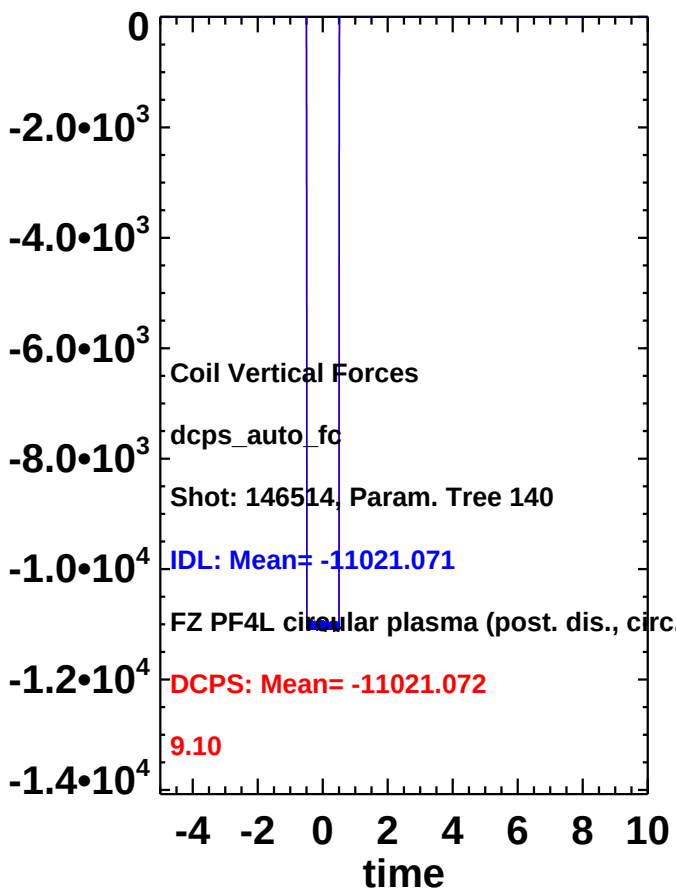

1.5•10^4
1.0•10^4
5.0•10^3
0
Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= 10400.943
FZ PF5L circular plasma (normal, shaped)
DCPS: Mean= 10400.944
8.9
-4 -2 0 2 4 6 8 10
time

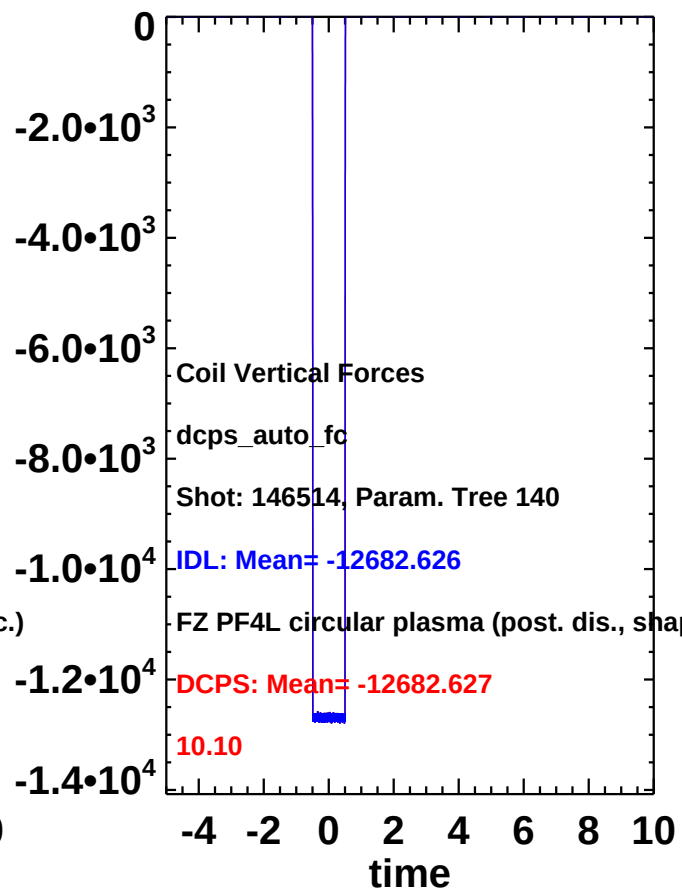

1.5•10^4
1.0•10^4
5.0•10^3
0
Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= 13812.222
FZ PF5L circular plasma (post. dis., circ.)
DCPS: Mean= 13812.223
9.9
-4 -2 0 2 4 6 8 10
time

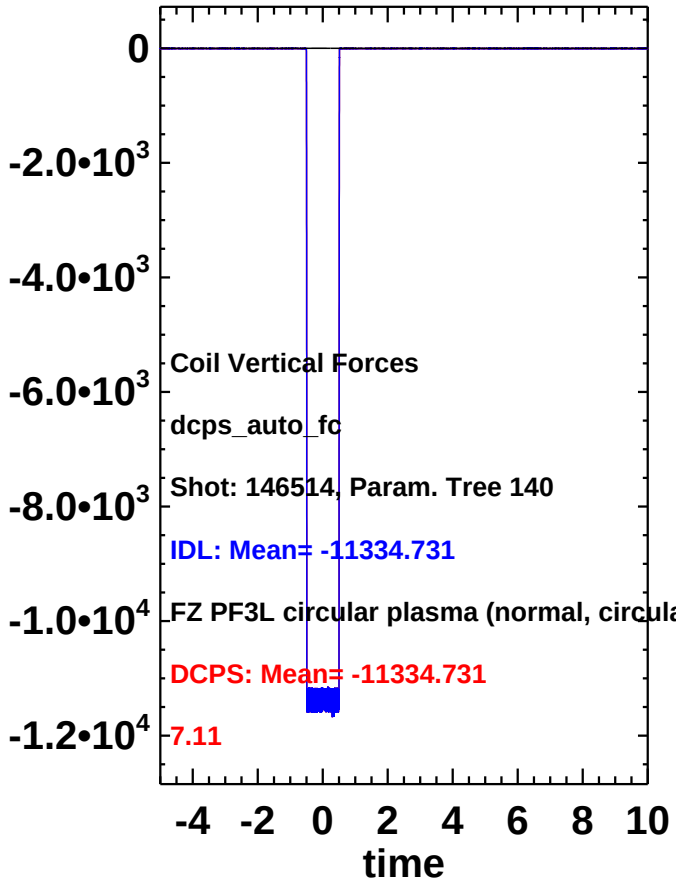

1.5•10^4
1.0•10^4
5.0•10^3
0
Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= 16281.479
FZ PF5L circular plasma (post. dis., shaped.)
DCPS: Mean= 16281.481
10.9
-4 -2 0 2 4 6 8 10
time

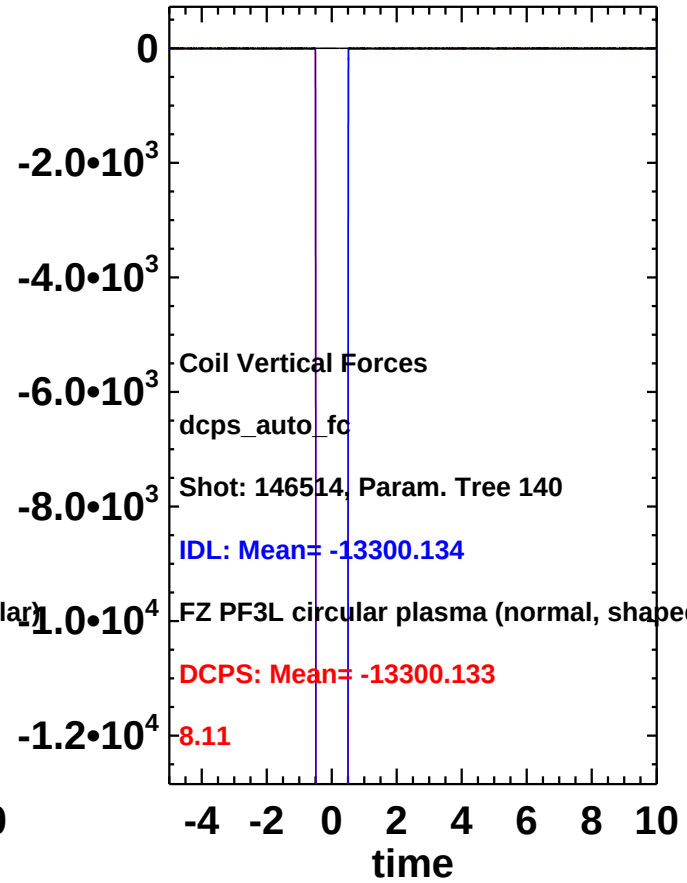

Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= -7504.9642
FZ PF4L circular plasma (normal, circular)
DCPS: Mean= -7504.9652
7.10
time

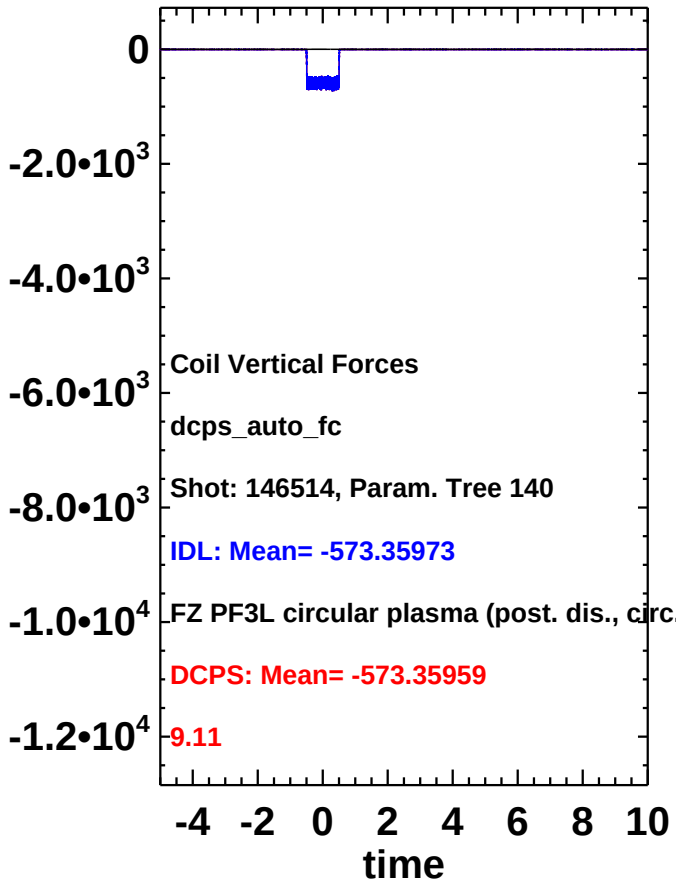

Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= -11308.957
FZ PF4L circular plasma (normal, shaped)
DCPS: Mean= -11308.958
8.10
time

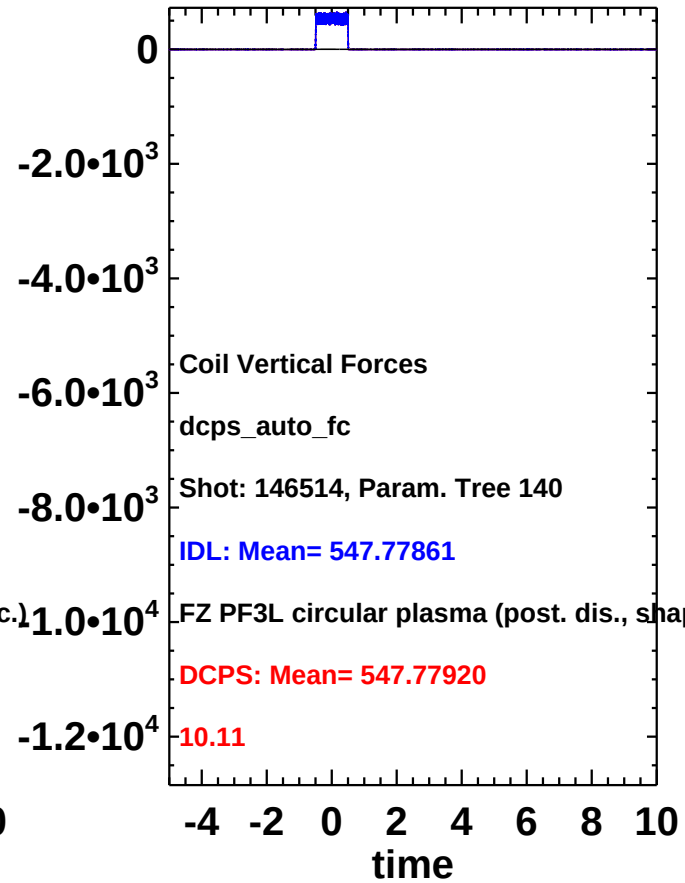

Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= -11021.071
FZ PF4L circular plasma (post. dis., circ.)
DCPS: Mean= -11021.072
9.10
time

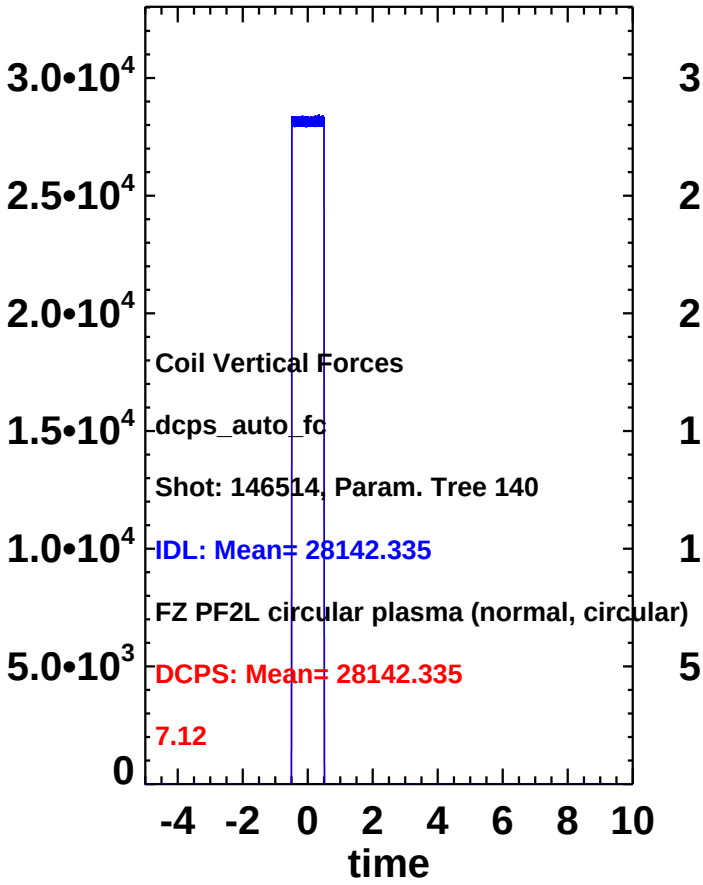

Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= -12682.626
FZ PF4L circular plasma (post. dis., shaped.)
DCPS: Mean= -12682.627
10.10
time

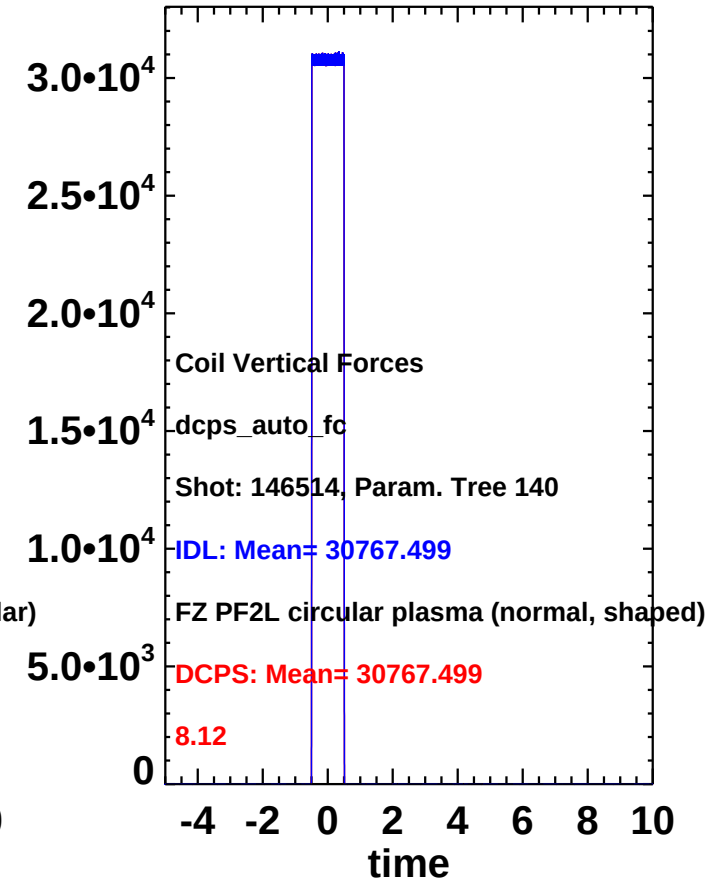

Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= -11334.731
FZ PF3L circular plasma (normal, circular)
DCPS: Mean= -11334.731
7.11
time

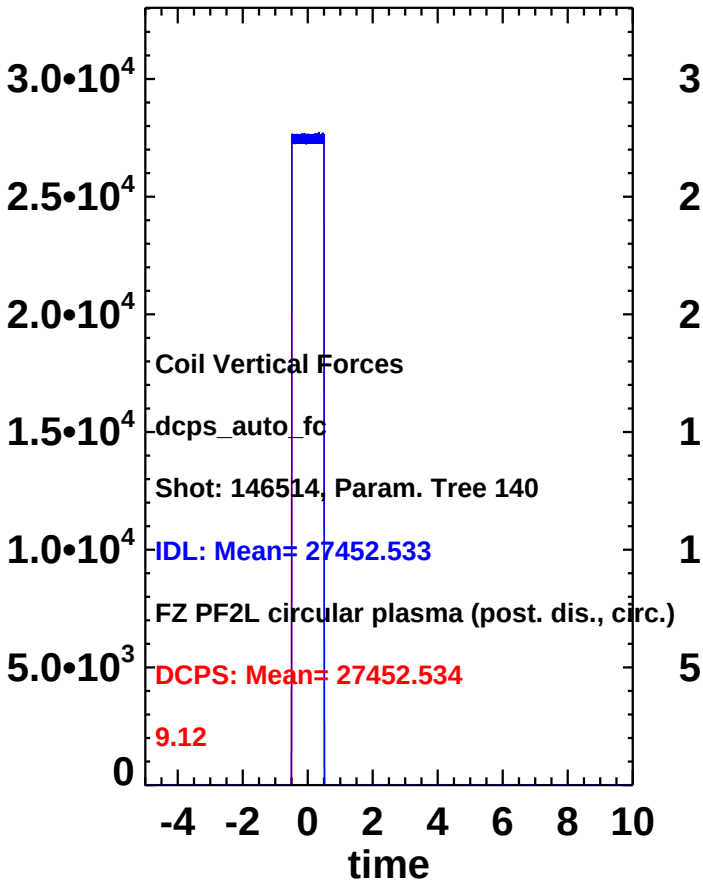

Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= -13300.134
FZ PF3L circular plasma (normal, shaped)
DCPS: Mean= -13300.133
8.11
time

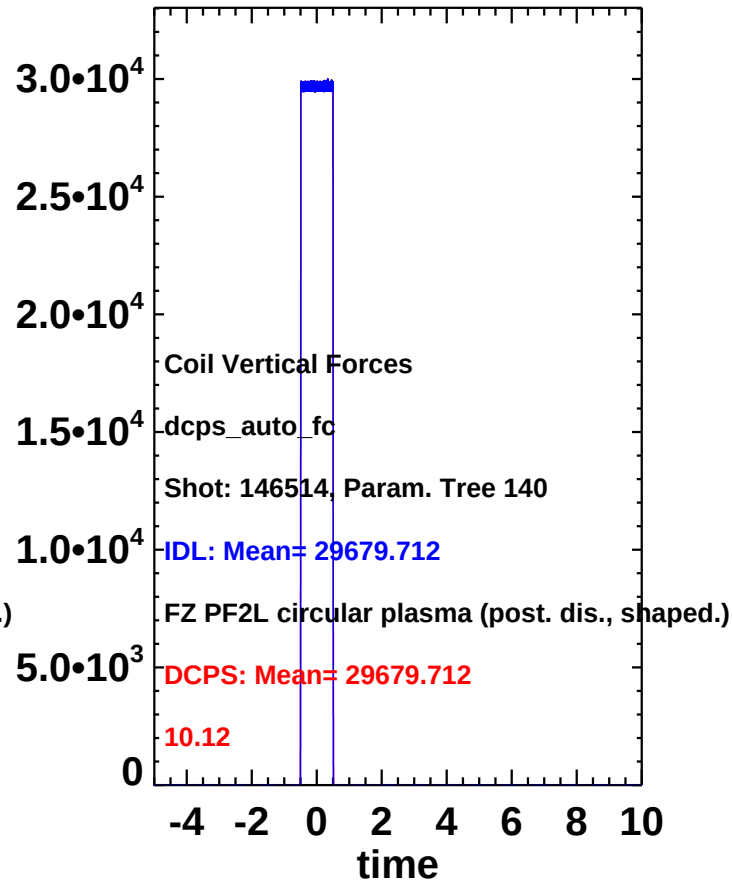

Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= -573.35973
FZ PF3L circular plasma (post. dis., circ.)
DCPS: Mean= -573.35959
9.11
time

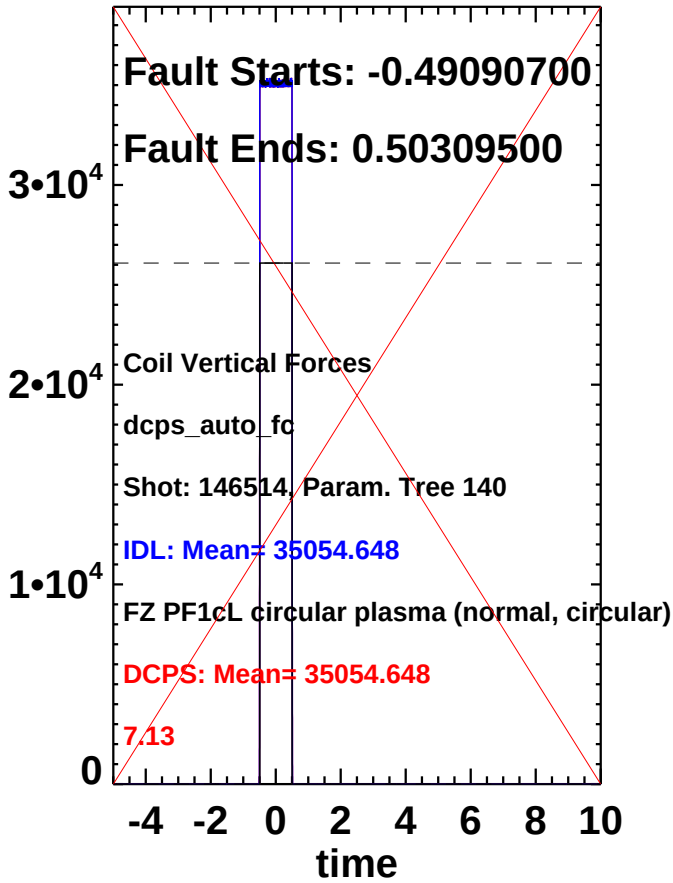

Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= 547.77861
FZ PF3L circular plasma (post. dis., shaped.)
DCPS: Mean= 547.77920
10.11
time

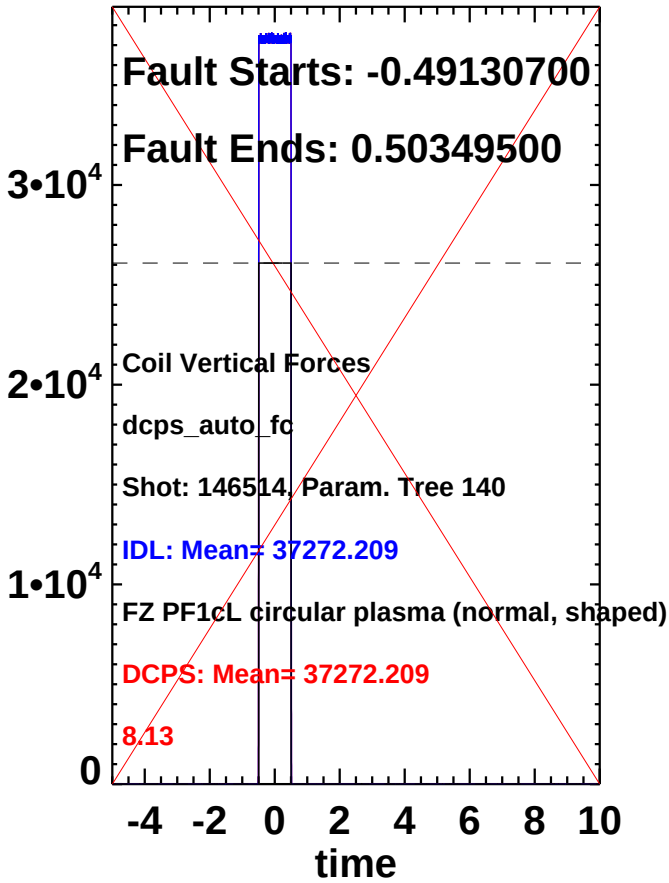

Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= 28142.335
FZ PF2L circular plasma (normal, circular)
DCPS: Mean= 28142.335
7.12
3.0•10^4
2.5•10^4
2.0•10^4
1.5•10^4
1.0•10^4
5.0•10^3
0
-4 -2 0 2 4 6 8 10
time

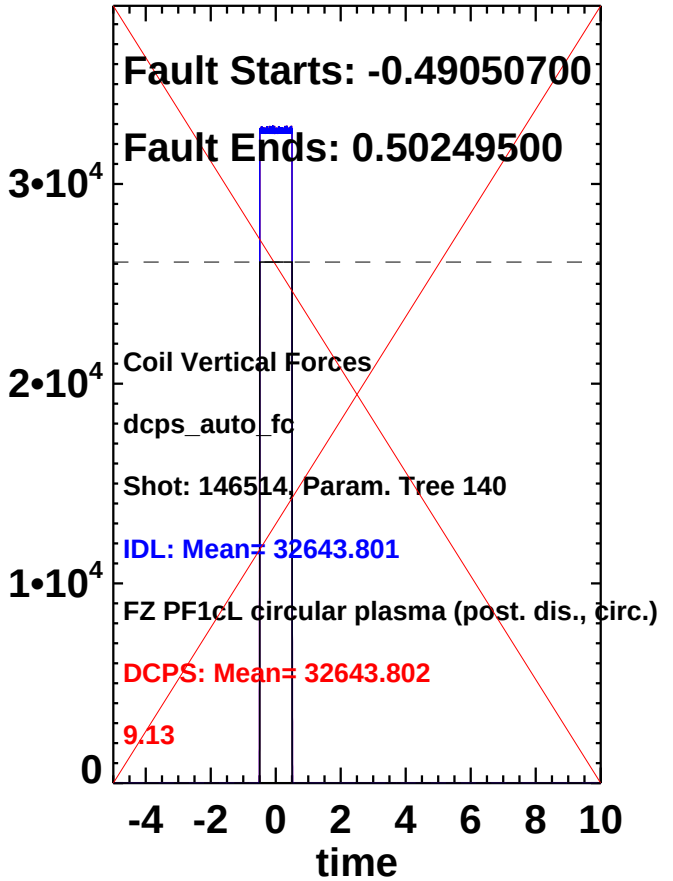

Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= 30767.499
FZ PF2L circular plasma (normal, shaped)
DCPS: Mean= 30767.499
8.12
3.0•10^4
2.5•10^4
2.0•10^4
1.5•10^4
1.0•10^4
5.0•10^3
0
-4 -2 0 2 4 6 8 10
time

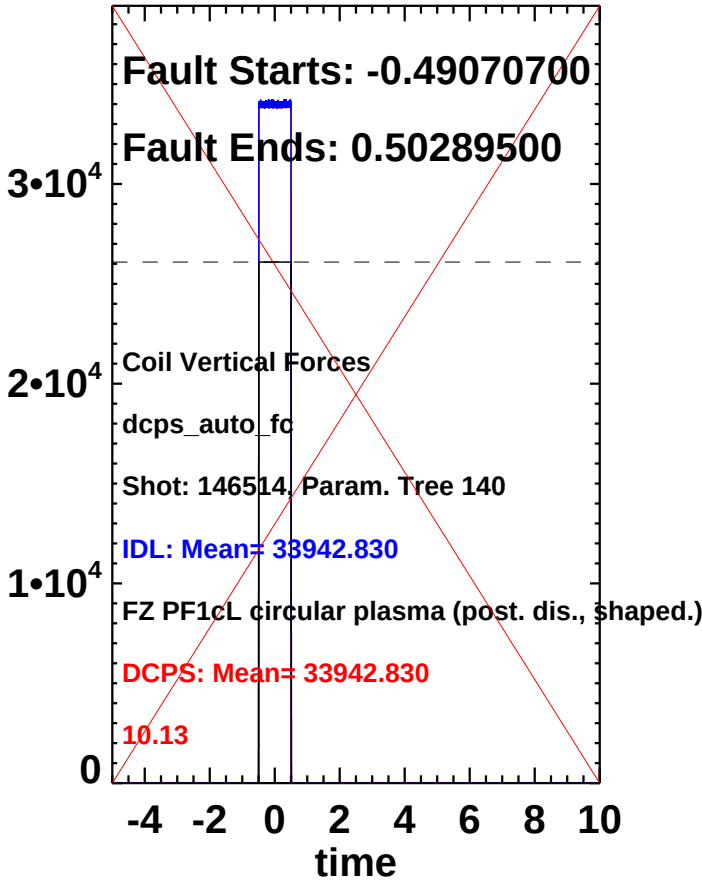

Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= 27452.533
FZ PF2L circular plasma (post. dis., circ.)
DCPS: Mean= 27452.534
9.12
3.0•10^4
2.5•10^4
2.0•10^4
1.5•10^4
1.0•10^4
5.0•10^3
0
-4 -2 0 2 4 6 8 10
time

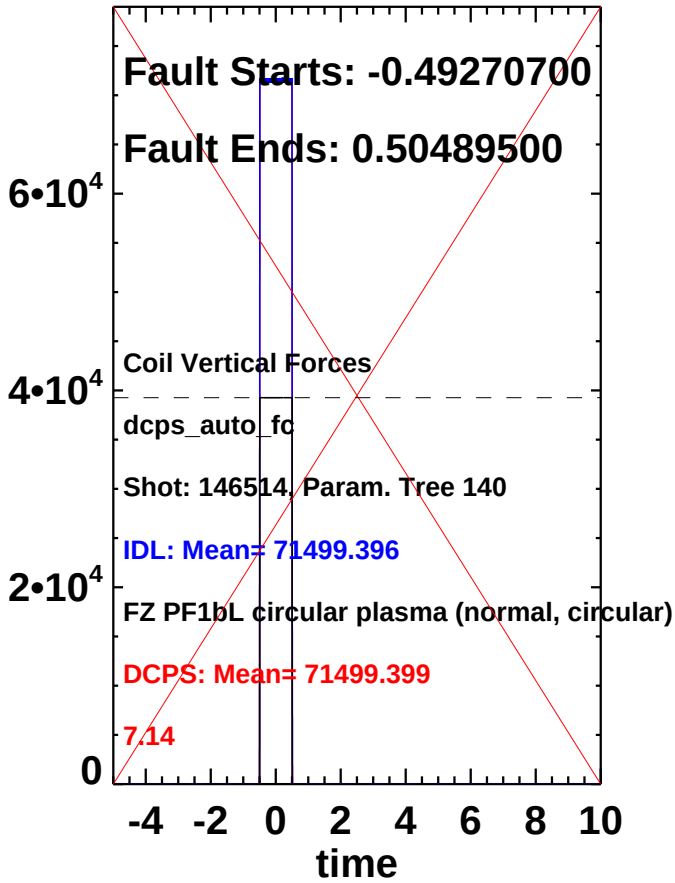

Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= 29679.712
FZ PF2L circular plasma (post. dis., shaped.)
DCPS: Mean= 29679.712
10.12
3.0•10^4
2.5•10^4
2.0•10^4
1.5•10^4
1.0•10^4
5.0•10^3
0
-4 -2 0 2 4 6 8 10
time

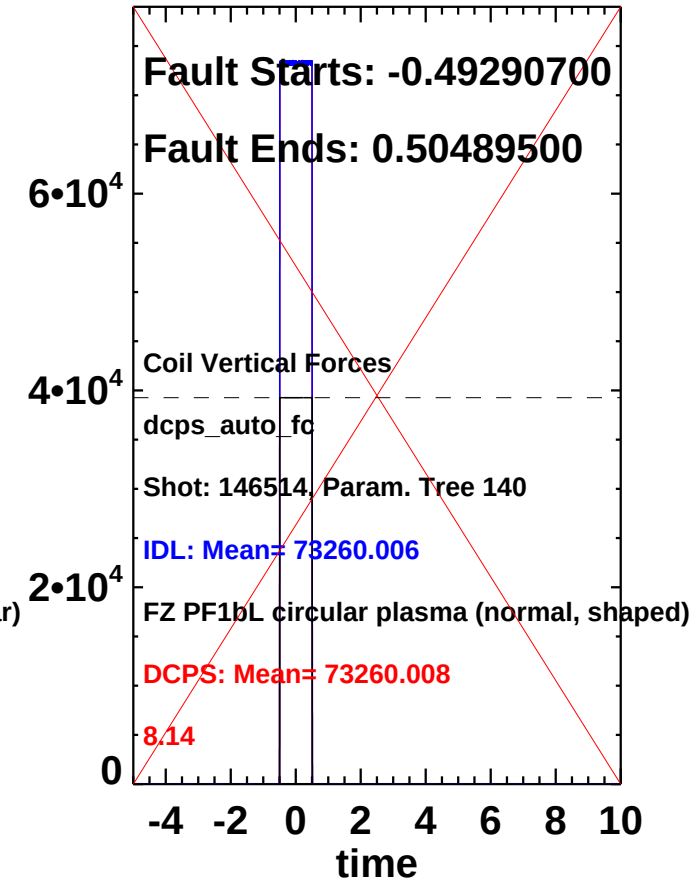

Fault Starts: -0.49090700
Fault Ends: 0.50309500
Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= 35054.648
FZ PF1cL circular plasma (normal, circular)
DCPS: Mean= 35054.648
7.13
3•10^4
2•10^4
1•10^4
0
-4 -2 0 2 4 6 8 10
time

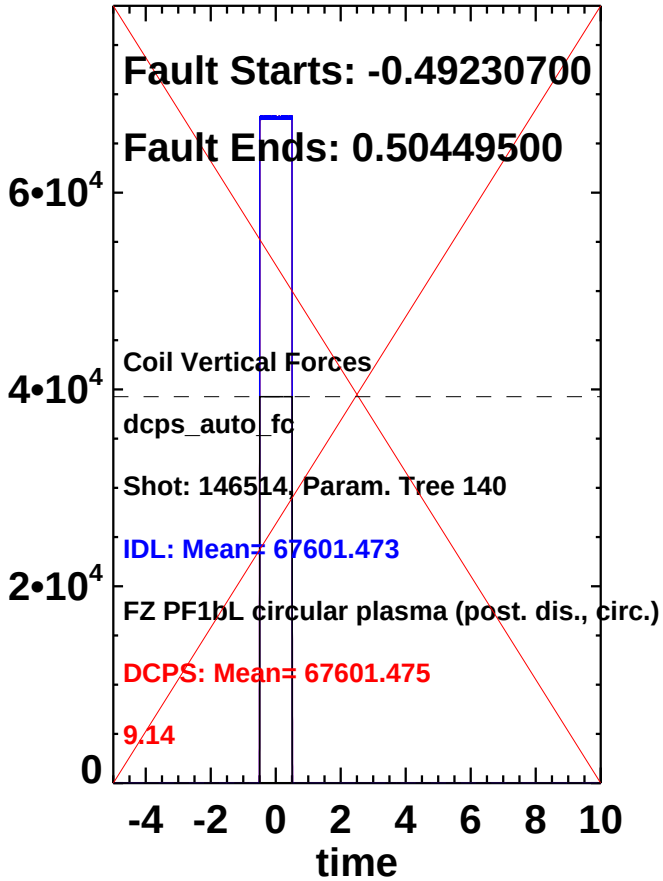

Fault Starts: -0.49130700
Fault Ends: 0.50349500
Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= 37272.209
FZ PF1cL circular plasma (normal, shaped)
DCPS: Mean= 37272.209
8.13
3•10^4
2•10^4
1•10^4
0
-4 -2 0 2 4 6 8 10
time

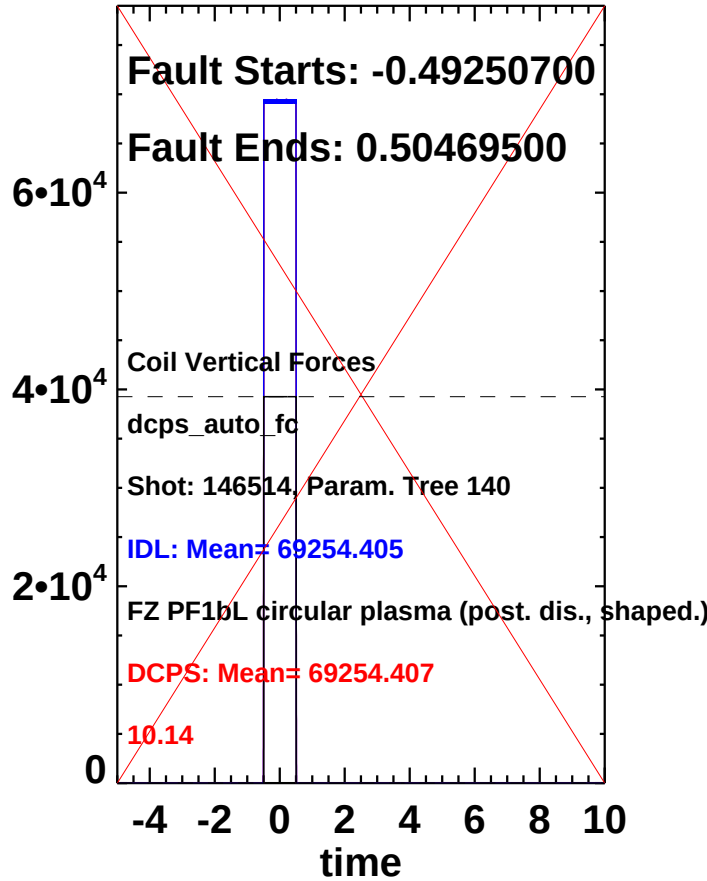

Fault Starts: -0.49050700
Fault Ends: 0.50249500
Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= 32643.801
FZ PF1cL circular plasma (post. dis., circ.)
DCPS: Mean= 32643.802
9.13
3•10^4
2•10^4
1•10^4
0
-4 -2 0 2 4 6 8 10
time

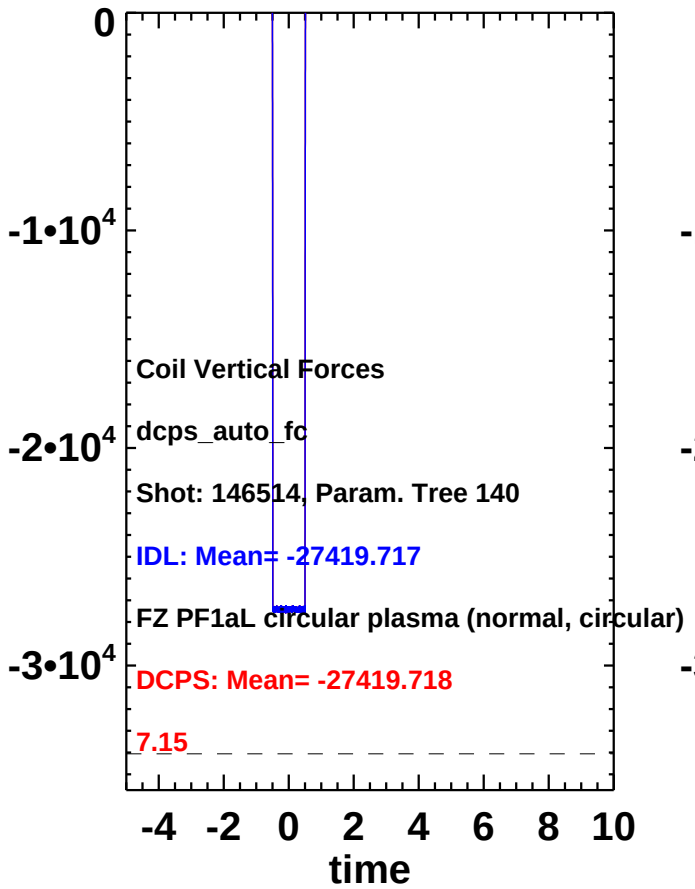

Fault Starts: -0.49070700
Fault Ends: 0.50289500
Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= 33942.830
FZ PF1cL circular plasma (post. dis., shaped.)
DCPS: Mean= 33942.830
10.13
3•10^4
2•10^4
1•10^4
0
-4 -2 0 2 4 6 8 10
time

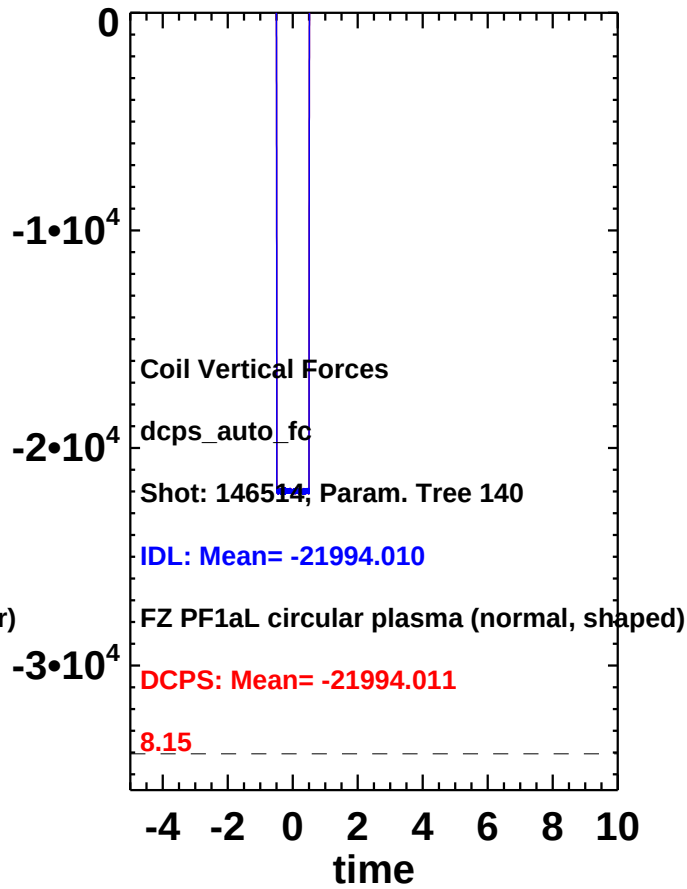

Fault Starts: -0.49270700
Fault Ends: 0.50489500
Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= 71499.396
FZ PF1bL circular plasma (normal, circular)
DCPS: Mean= 71499.399
7.14
6•10^4
4•10^4
2•10^4
0
-4 -2 0 2 4 6 8 10
time

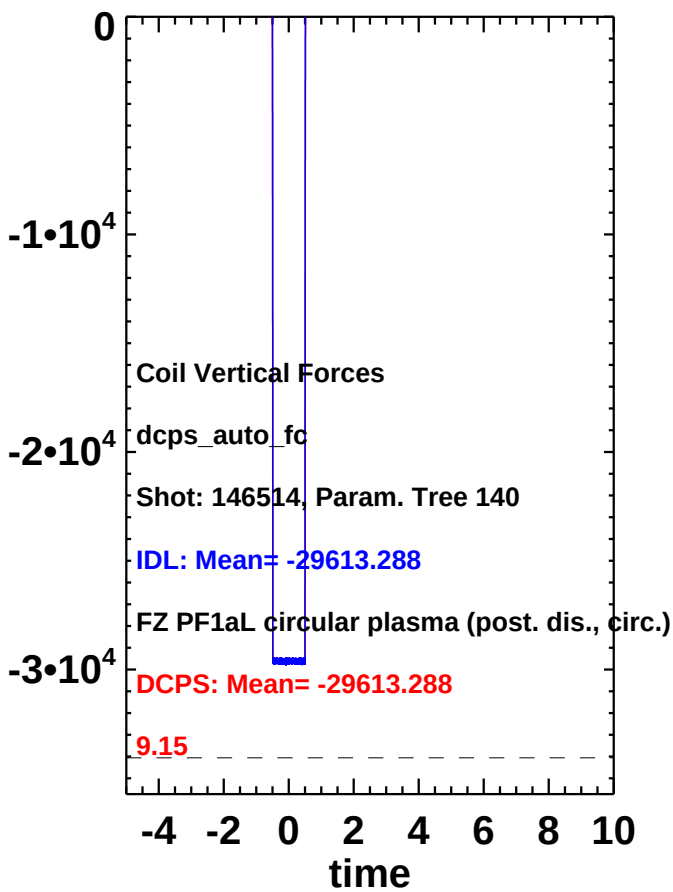

Fault Starts: -0.49290700
Fault Ends: 0.50489500
Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= 73260.006
FZ PF1bL circular plasma (normal, shaped)
DCPS: Mean= 73260.008
8.14
6•10^4
4•10^4
2•10^4
0
-4 -2 0 2 4 6 8 10
time

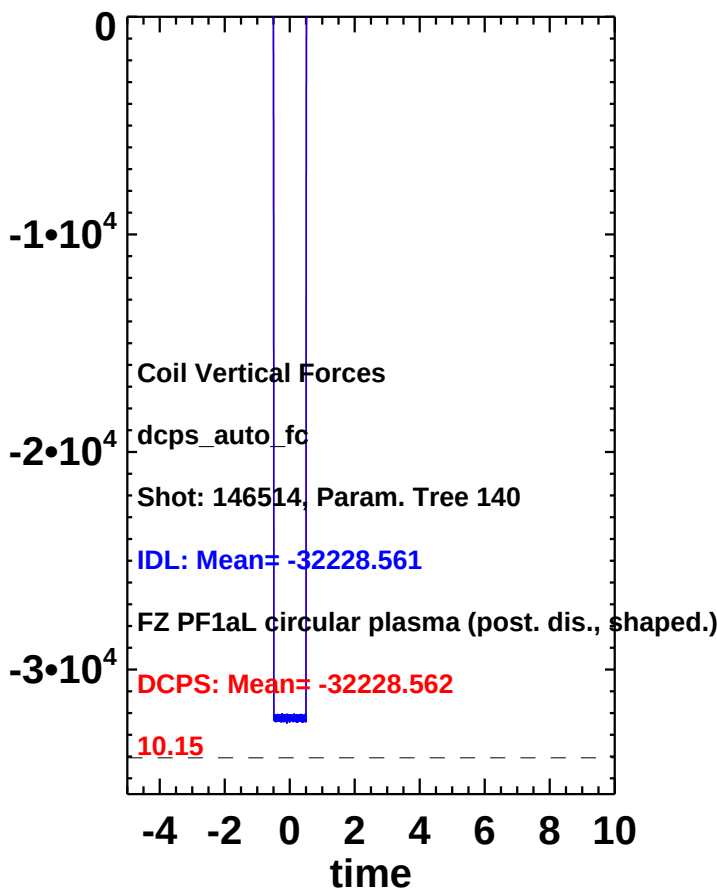

Fault Starts: -0.49230700
Fault Ends: 0.50449500
Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= 67601.473
FZ PF1bL circular plasma (post. dis., circ.)
DCPS: Mean= 67601.475
9.14
6•10^4
4•10^4
2•10^4
0
-4 -2 0 2 4 6 8 10
time

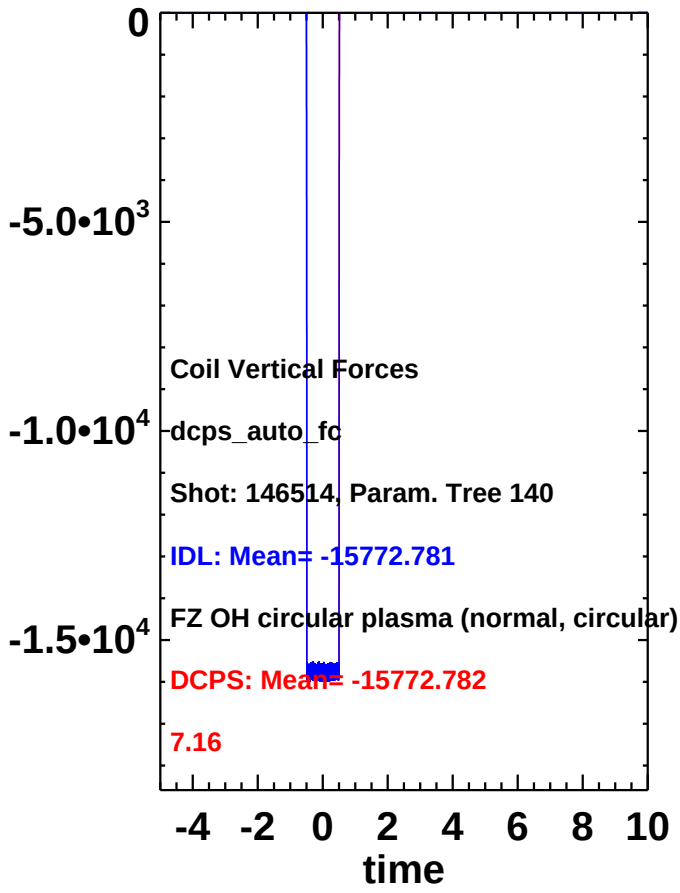

Fault Starts: -0.49250700
Fault Ends: 0.50469500
Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= 69254.405
FZ PF1bL circular plasma (post. dis., shaped.)
DCPS: Mean= 69254.407
10.14
6•10^4
4•10^4
2•10^4
0
-4 -2 0 2 4 6 8 10
time

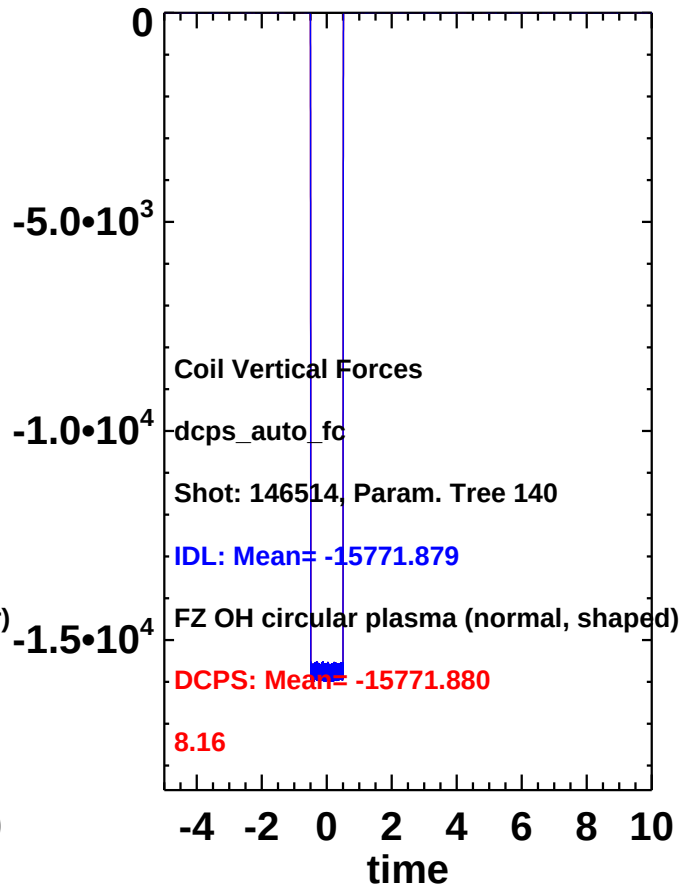

0
-1•10^4
-2•10^4
-3•10^4
Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= -27419.717
FZ PF1aL circular plasma (normal, circular)
DCPS: Mean= -27419.718
7.15
-4 -2 0 2 4 6 8 10
time

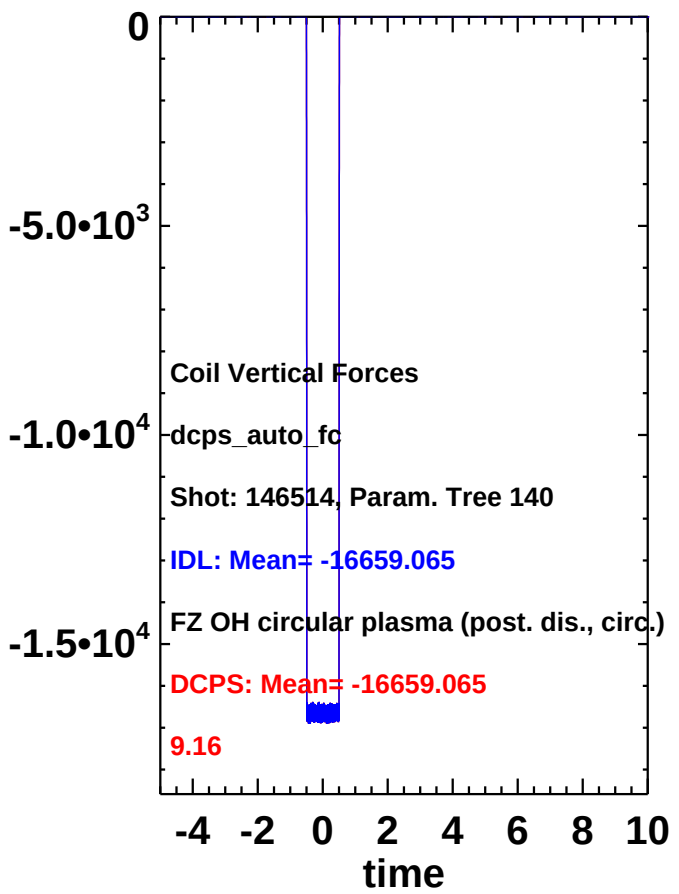

0
-1•10^4
-2•10^4
-3•10^4
Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= -21994.010
FZ PF1aL circular plasma (normal, shaped)
DCPS: Mean= -21994.011
8.15
-4 -2 0 2 4 6 8 10
time

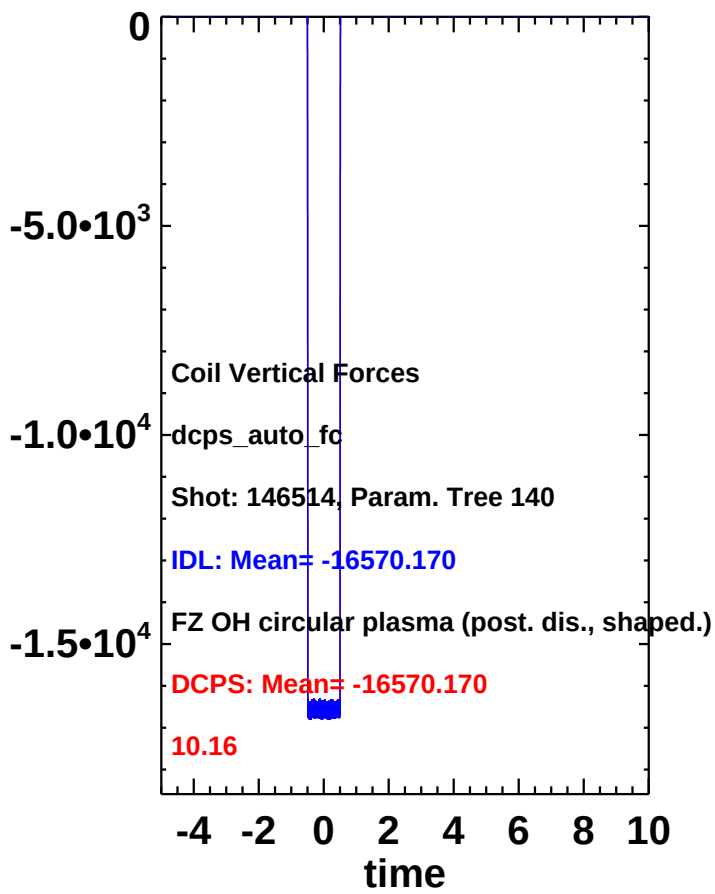

0
-1•10^4
-2•10^4
-3•10^4
Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= -29613.288
FZ PF1aL circular plasma (post. dis., circ.)
DCPS: Mean= -29613.288
9.15
-4 -2 0 2 4 6 8 10
time

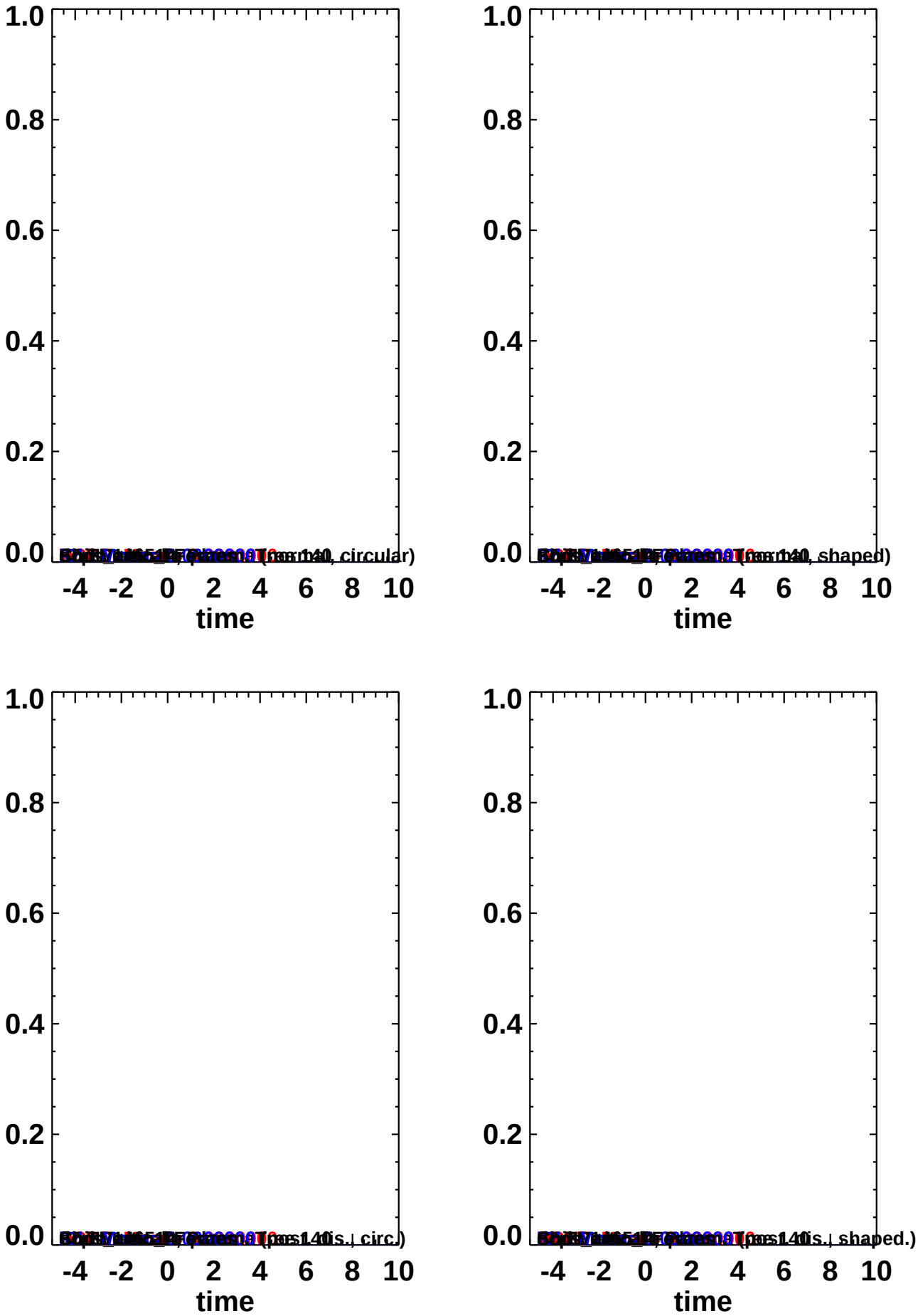

0
-1•10^4
-2•10^4
-3•10^4
Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= -32228.561
FZ PF1aL circular plasma (post. dis., shaped.)
DCPS: Mean= -32228.562
10.15
-4 -2 0 2 4 6 8 10
time


Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= -15772.781
FZ OH circular plasma (normal, circular)
DCPS: Mean= -15772.782
7.16
0
-5.0•10^3
-1.0•10^4
-1.5•10^4
-4 -2 0 2 4 6 8 10
time


Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= -15771.879
FZ OH circular plasma (normal, shaped)
DCPS: Mean= -15771.880
8.16
0
-5.0•10^3
-1.0•10^4
-1.5•10^4
-4 -2 0 2 4 6 8 10
time


Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= -16659.065
FZ OH circular plasma (post. dis., circ.)
DCPS: Mean= -16659.065
9.16
0
-5.0•10^3
-1.0•10^4
-1.5•10^4
-4 -2 0 2 4 6 8 10
time


Coil Vertical Forces
dcps_auto_fc
Shot: 146514, Param. Tree 140
IDL: Mean= -16570.170
FZ OH circular plasma (post. dis., shaped.)
DCPS: Mean= -16570.170
10.16
0
-5.0•10^3
-1.0•10^4
-1.5•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
(normal, circular)
(normal, shaped)
(post-dis., circ.)
(post-dis., shaped.)