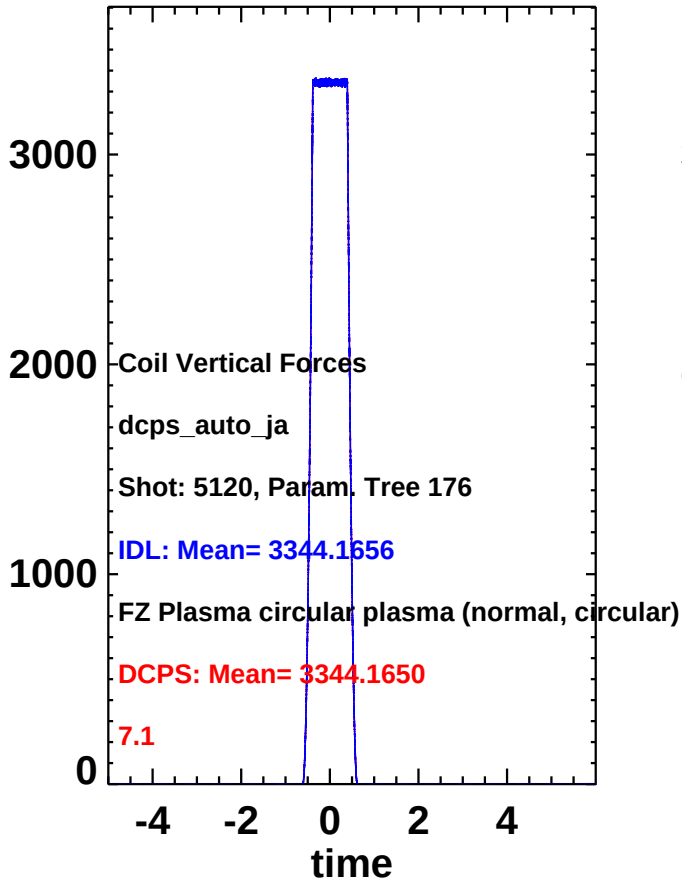
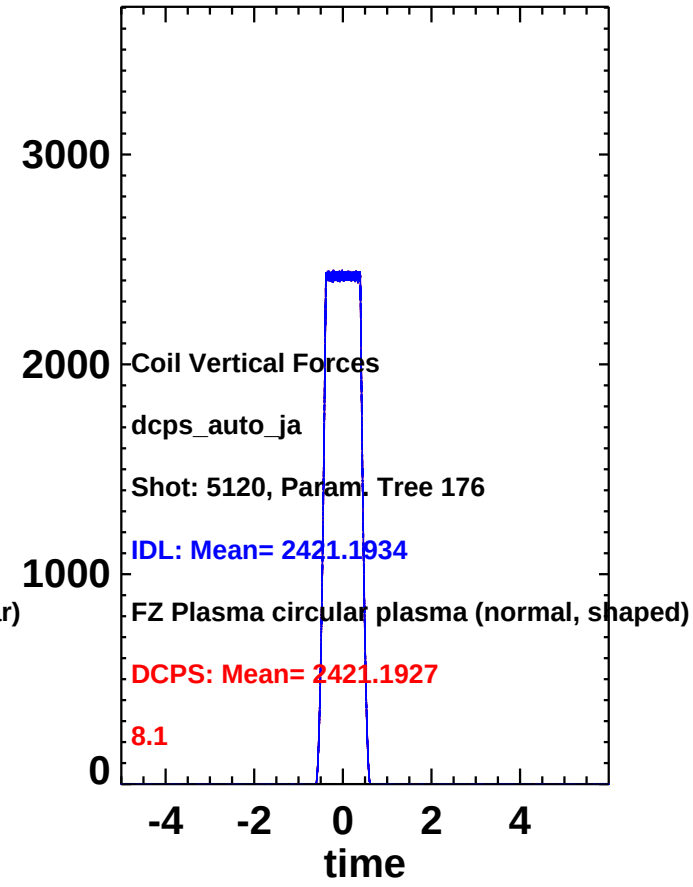
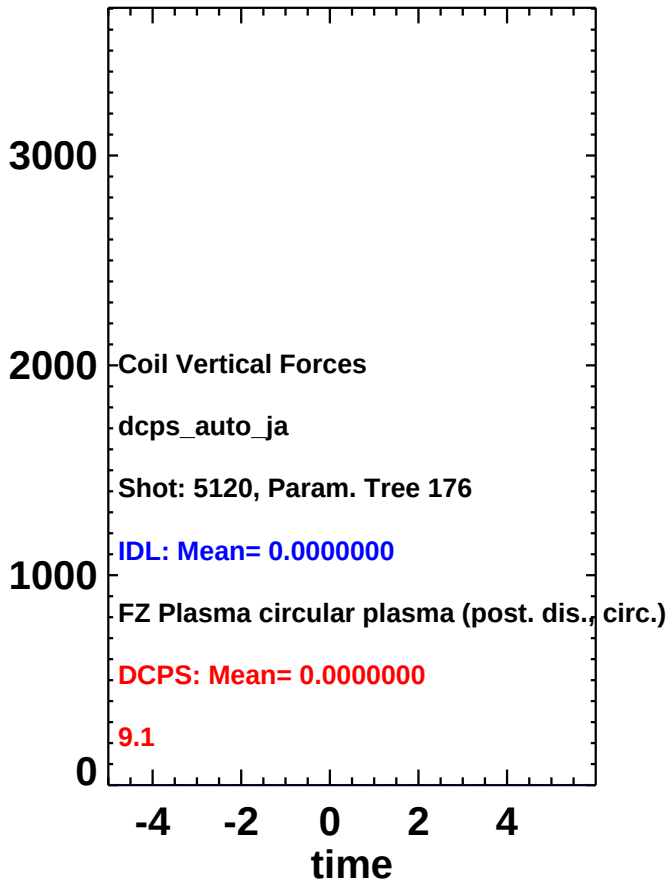
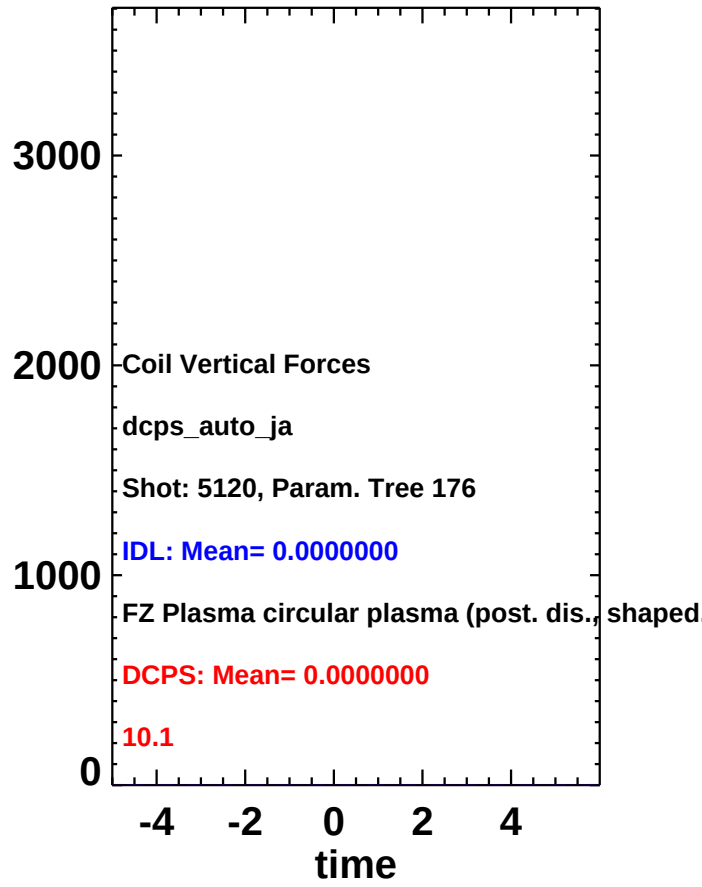
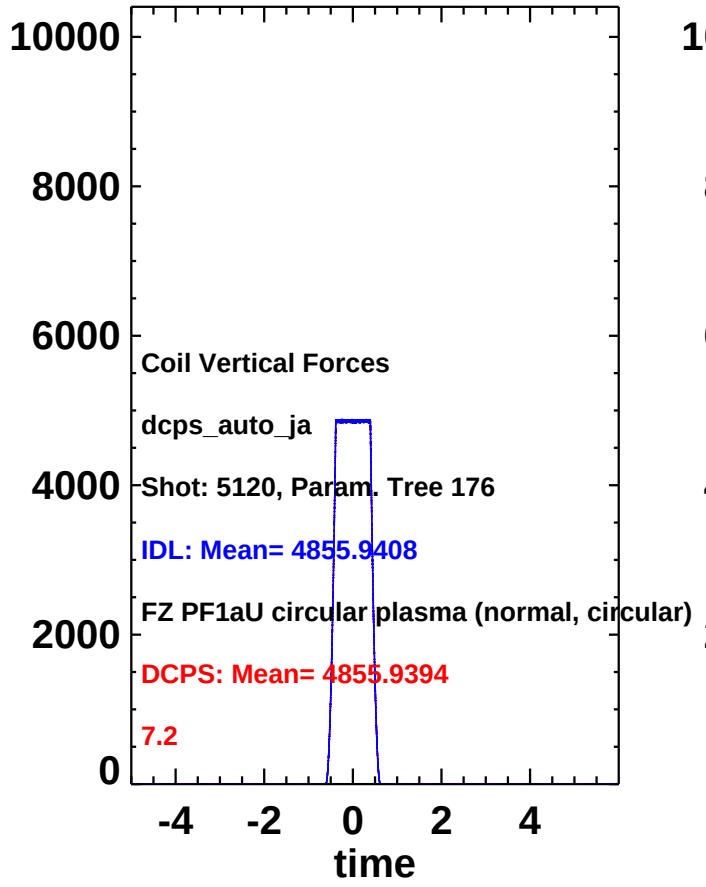
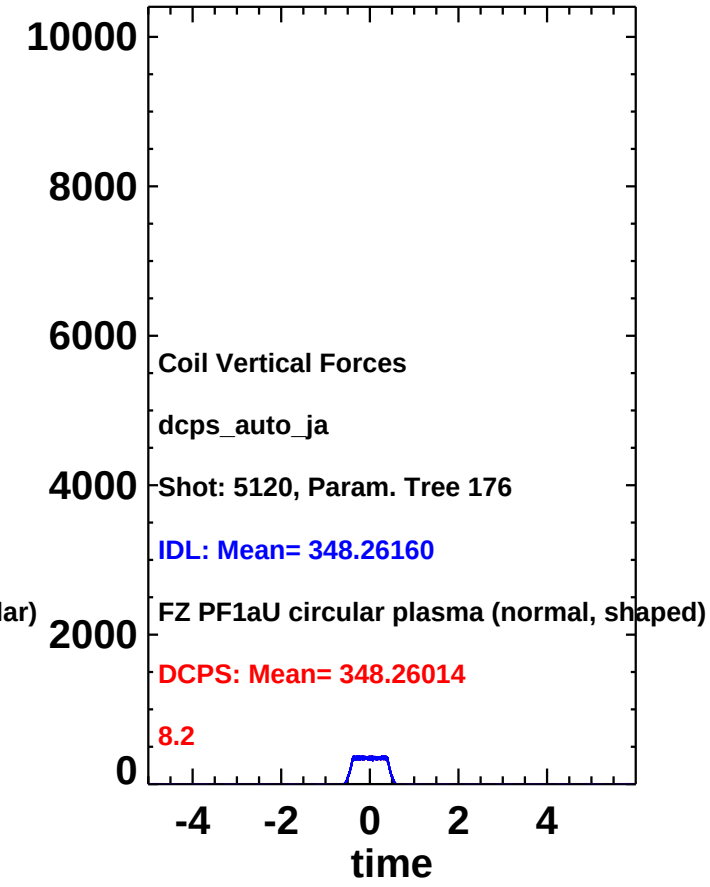

Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 3344.1656
FZ Plasma circular plasma (normal, circular)
DCPS: Mean= 3344.1650
7.1
3000
2000
1000
0
-4
-2
0
2
4
time

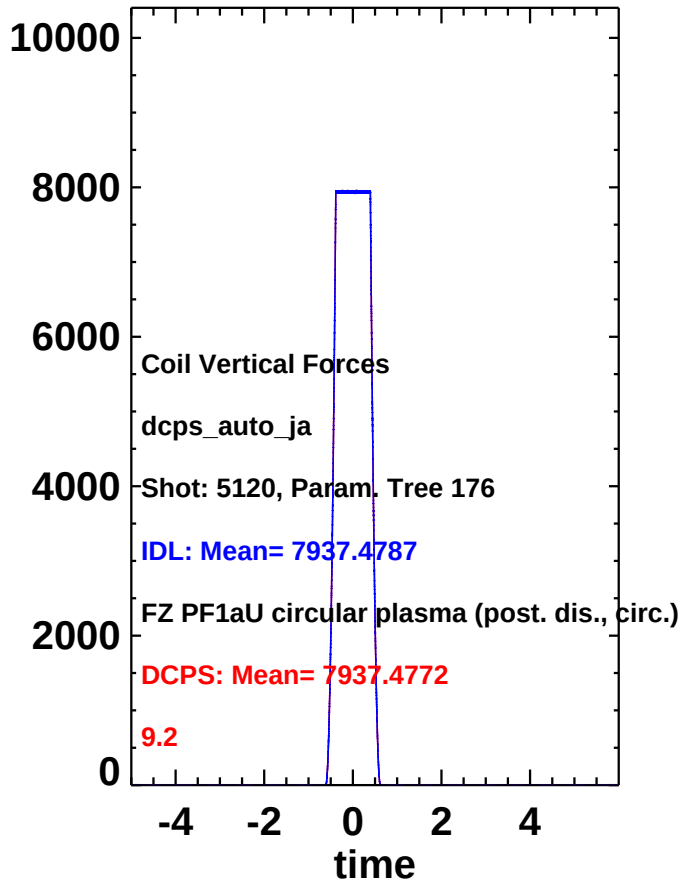

Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 2421.1934
FZ Plasma circular plasma (normal, shaped)
DCPS: Mean= 2421.1927
8.1
3000
2000
1000
0
-4
-2
0
2
4
time

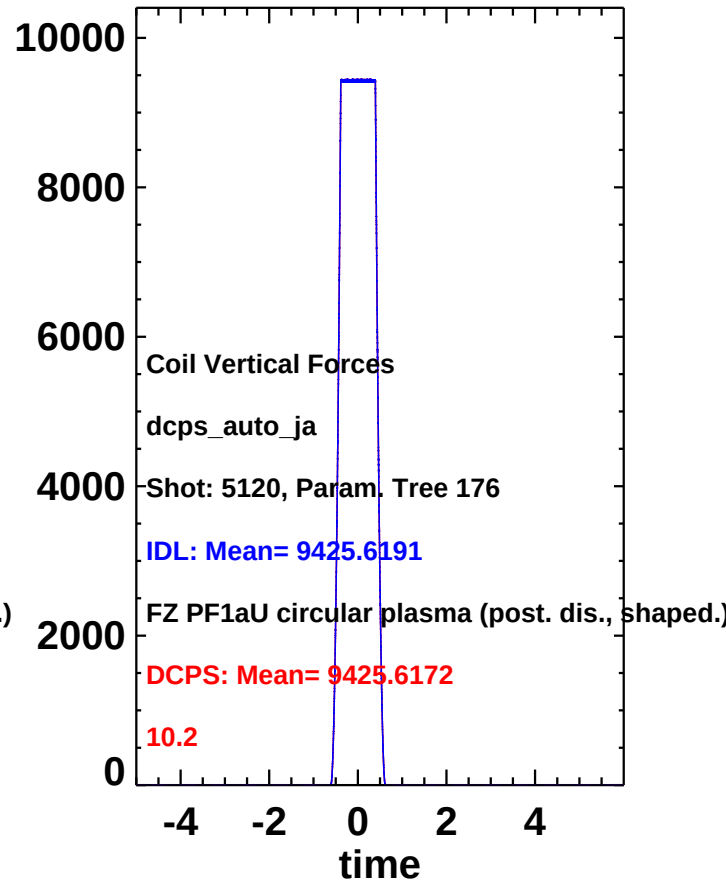

Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 0.0000000
FZ Plasma circular plasma (post. dis., circ.)
DCPS: Mean= 0.0000000
9.1
3000
2000
1000
0
-4
-2
0
2
4
time

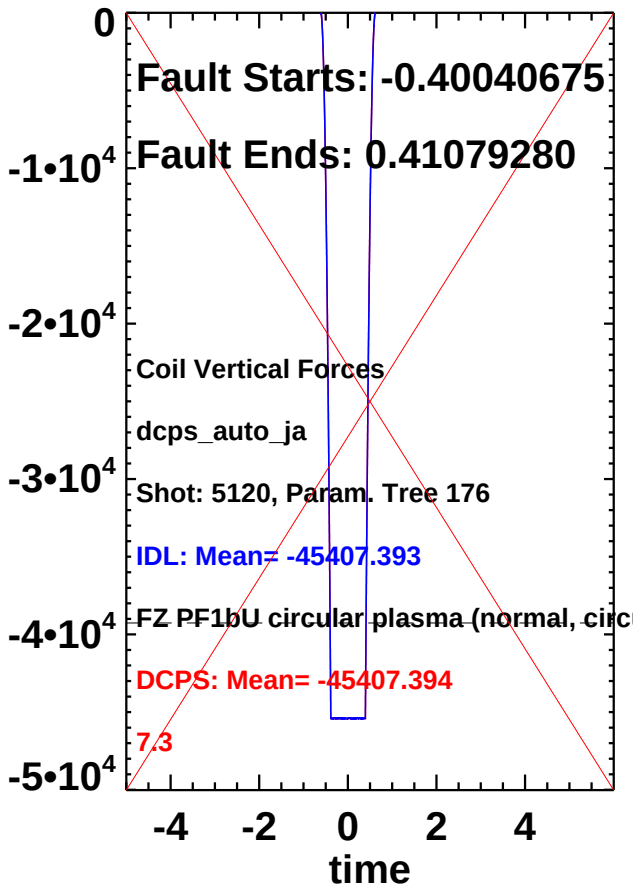

Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 0.0000000
FZ Plasma circular plasma (post. dis., shaped
DCPS: Mean= 0.0000000
10.1
3000
2000
1000
0
-4
-2
0
2
4
time

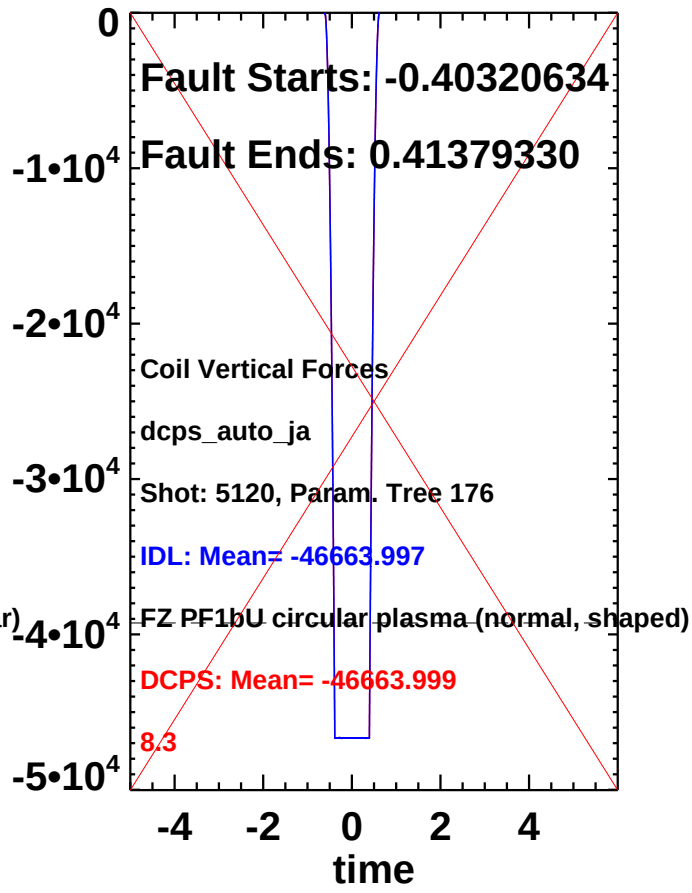

Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 4855.9408
FZ PF1aU circular plasma (normal, circular)
DCPS: Mean= 4855.9394
7.2
time

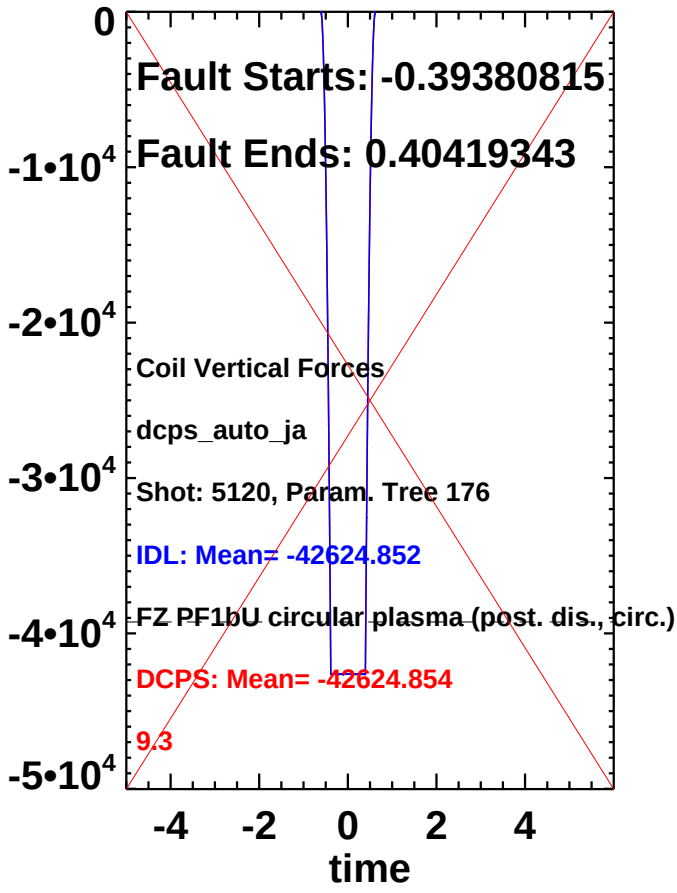

Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 348.26160
FZ PF1aU circular plasma (normal, shaped)
DCPS: Mean= 348.26014
8.2
time

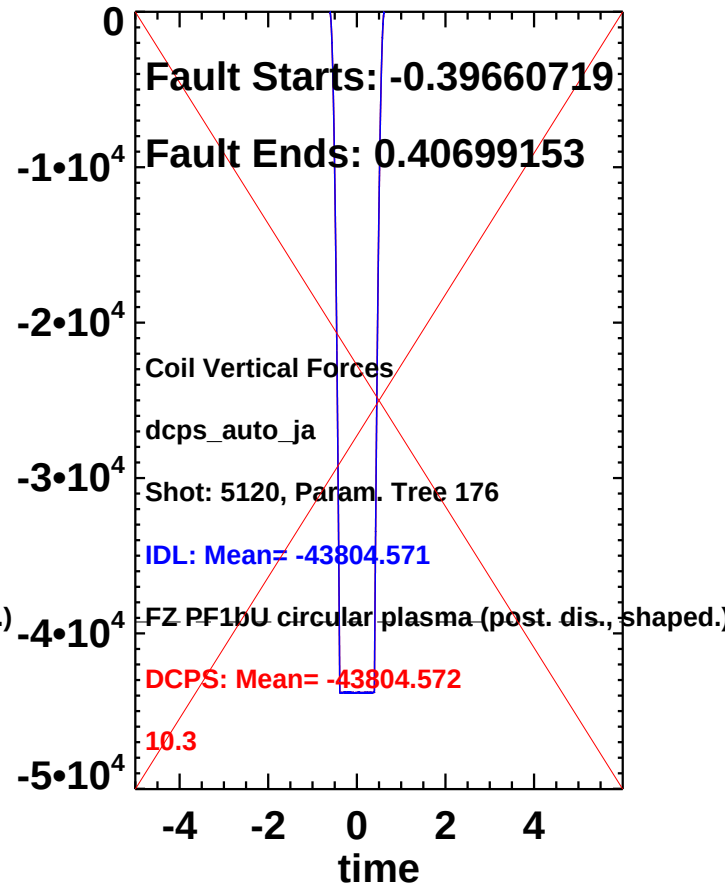

Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 7937.4787
FZ PF1aU circular plasma (post. dis., circ.)
DCPS: Mean= 7937.4772
9.2
time

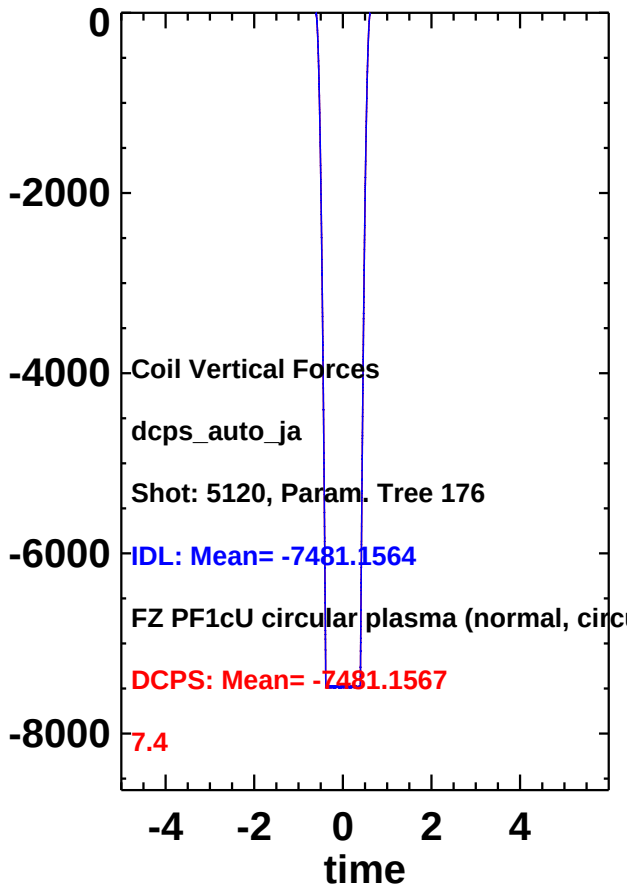

Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 9425.6191
FZ PF1aU circular plasma (post. dis., shaped.)
DCPS: Mean= 9425.6172
10.2
time

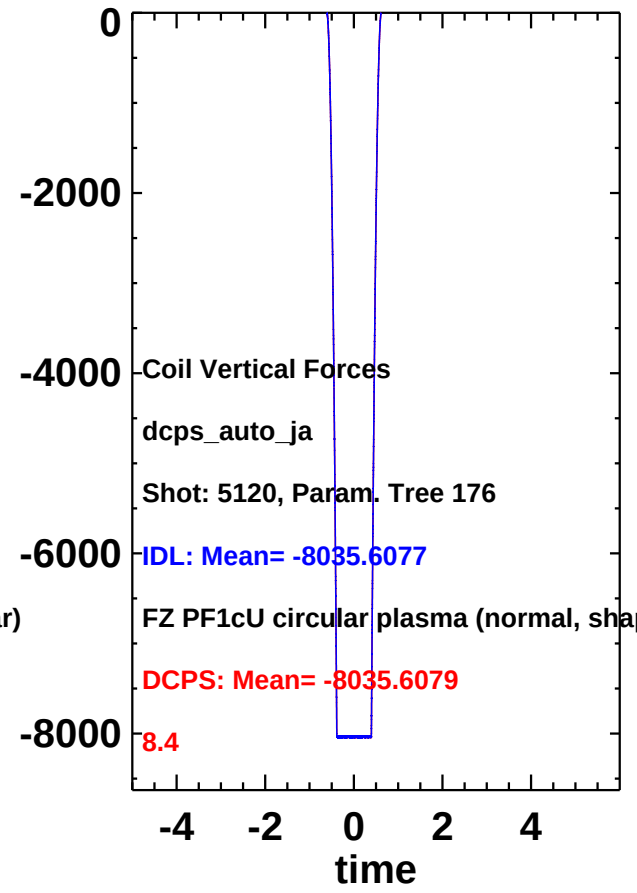

Fault Starts: -0.40040675
Fault Ends: 0.41079280
Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -45407.393
FZ PF1bU circular plasma (normal, circular)
DCPS: Mean= -45407.394
7.3
0
-1•10^4
-2•10^4
-3•10^4
-4•10^4
-5•10^4
-4
-2
0
2
4
time

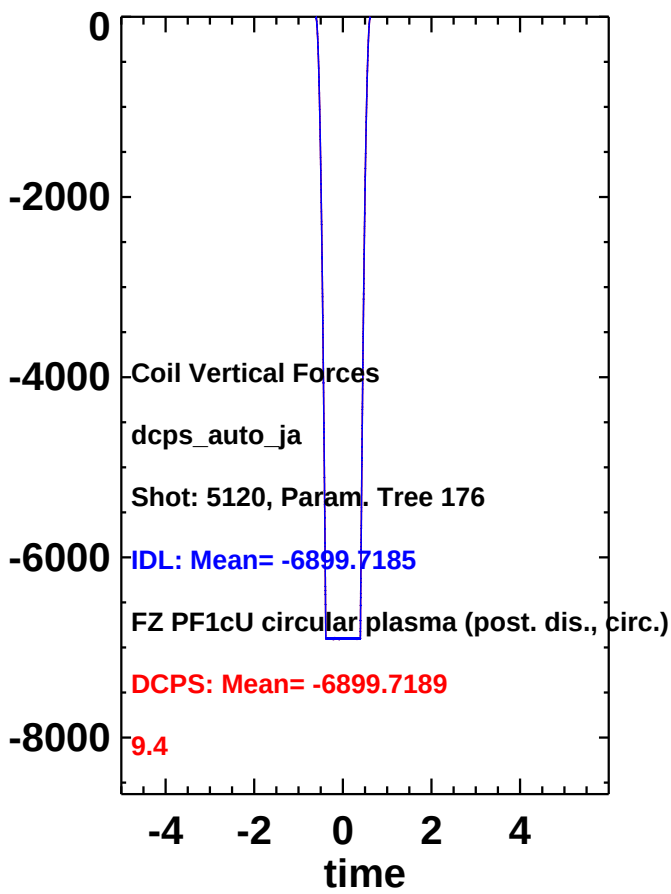

Fault Starts: -0.40320634
Fault Ends: 0.41379330
Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -46663.997
FZ PF1bU circular plasma (normal, shaped)
DCPS: Mean= -46663.999
8.3
0
-1•10^4
-2•10^4
-3•10^4
-4•10^4
-5•10^4
-4
-2
0
2
4
time

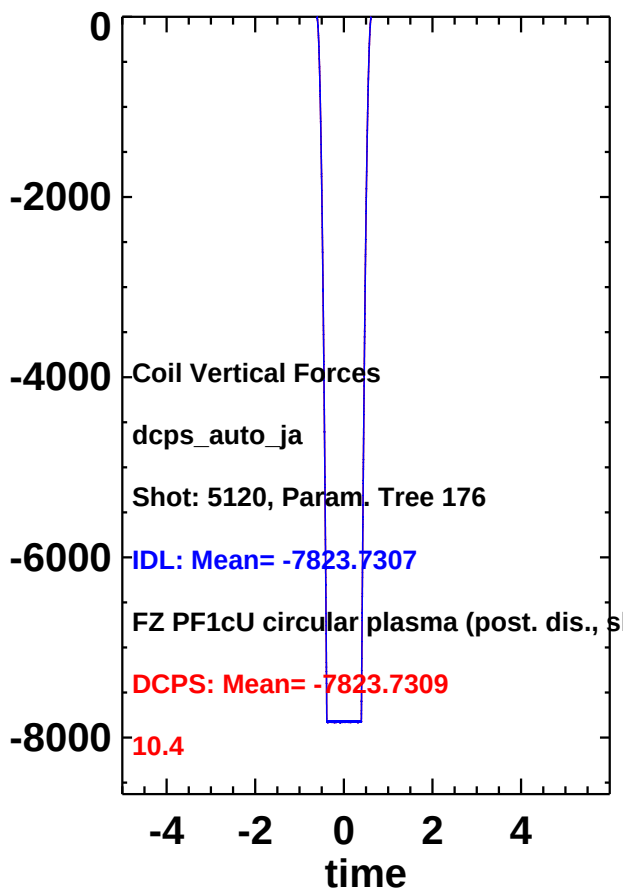

Fault Starts: -0.39380815
Fault Ends: 0.40419343
Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -42624.852
FZ PF1bU circular plasma (post. dis., circ.)
DCPS: Mean= -42624.854
9.3
0
-1•10^4
-2•10^4
-3•10^4
-4•10^4
-5•10^4
-4
-2
0
2
4
time

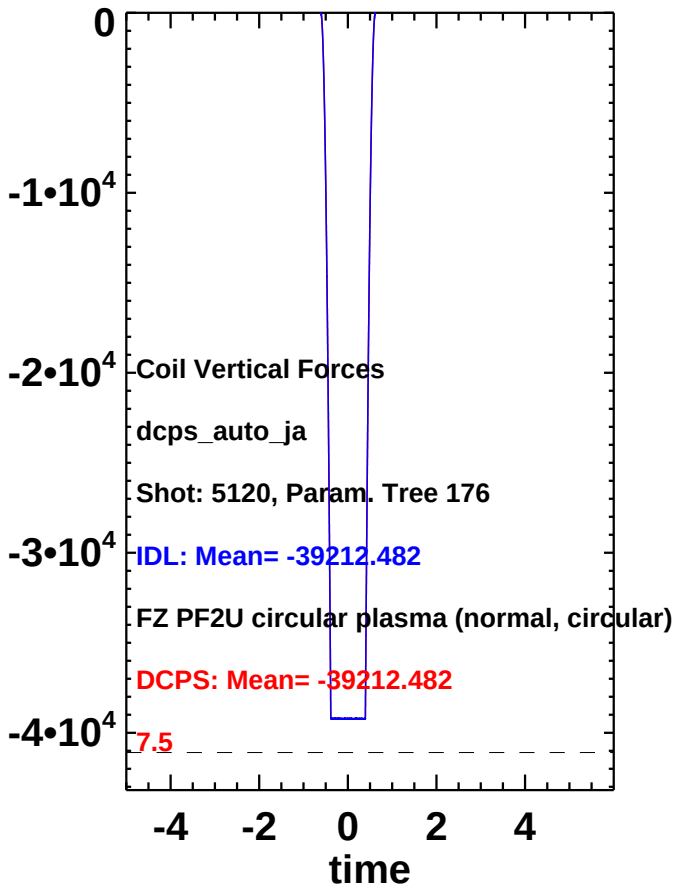

Fault Starts: -0.39660719
Fault Ends: 0.40699153
Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -43804.571
FZ PF1bU circular plasma (post. dis., shaped.)
DCPS: Mean= -43804.572
10.3
0
-1•10^4
-2•10^4
-3•10^4
-4•10^4
-5•10^4
-4
-2
0
2
4
time

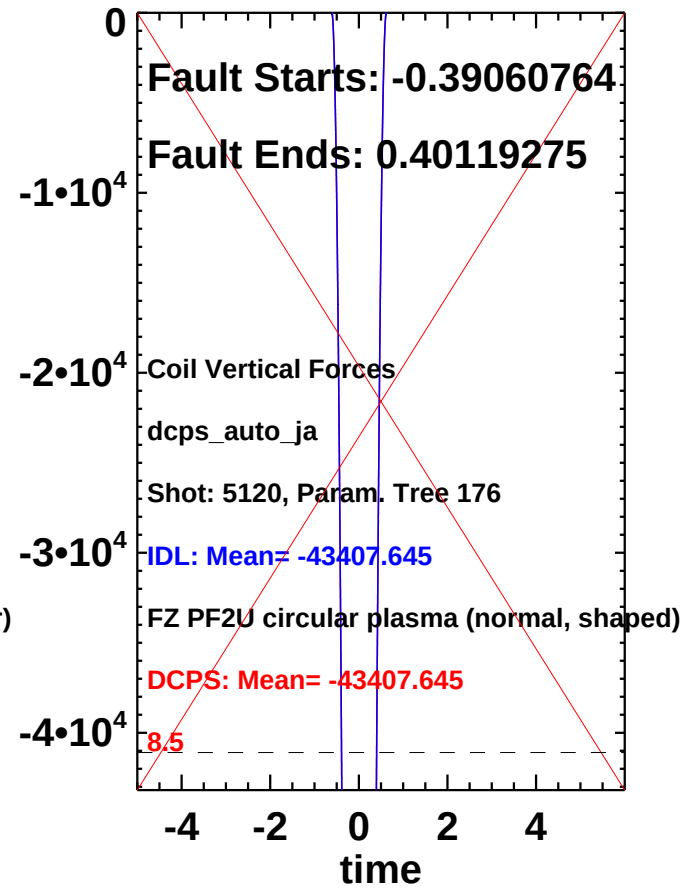

Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -7481.1564
FZ PF1cU circular plasma (normal, circular)
DCPS: Mean= -7481.1567
7.4
0
-2000
-4000
-6000
-8000
-4
-2
0
2
4
time

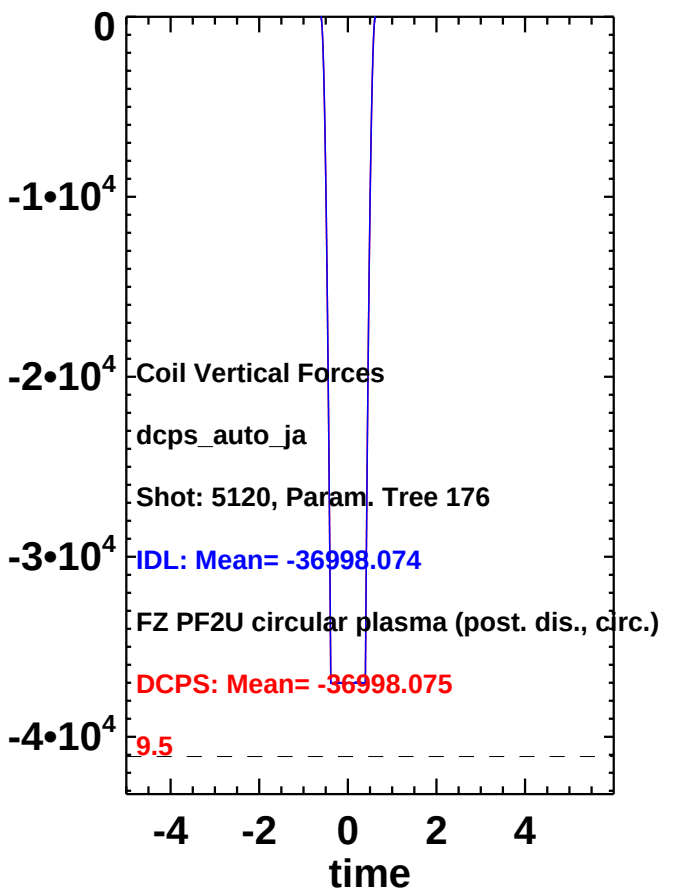

Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -8035.6077
FZ PF1cU circular plasma (normal, shaped)
DCPS: Mean= -8035.6079
8.4
0
-2000
-4000
-6000
-8000
-4
-2
0
2
4
time

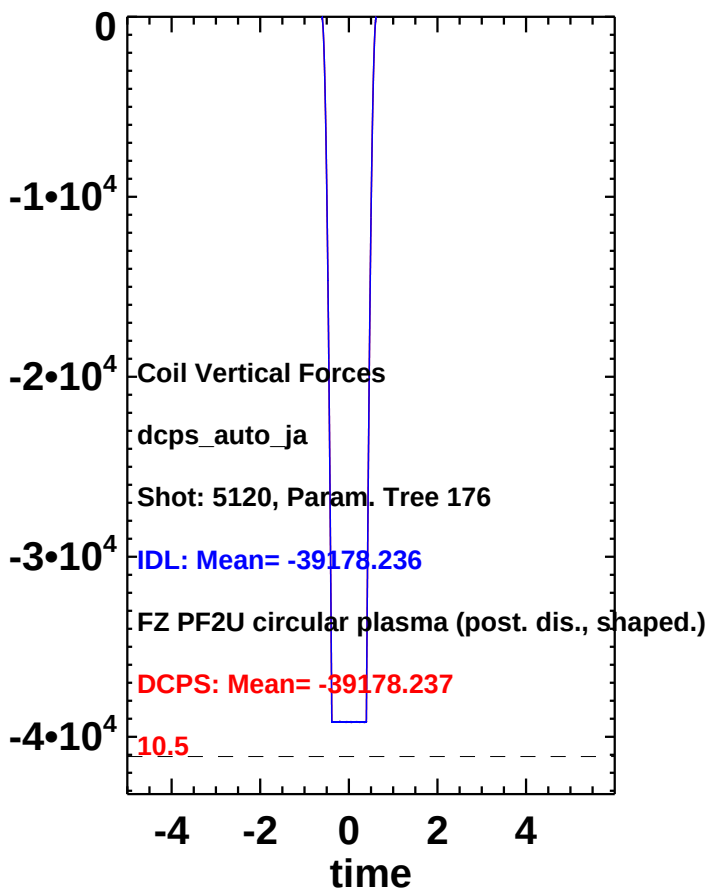

Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -6899.7185
FZ PF1cU circular plasma (post. dis., circ.)
DCPS: Mean= -6899.7189
9.4
0
-2000
-4000
-6000
-8000
-4
-2
0
2
4
time

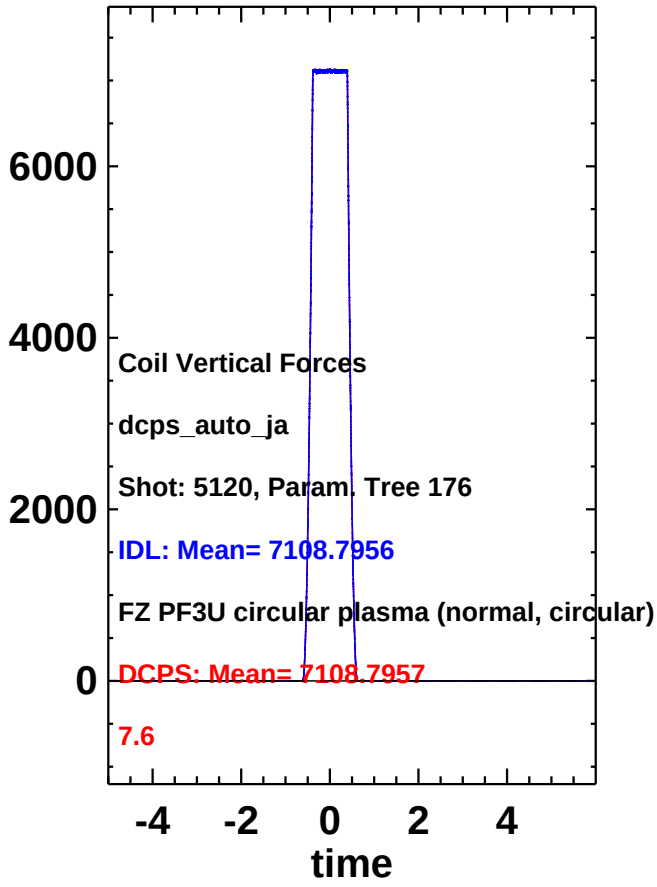

Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -7823.7307
FZ PF1cU circular plasma (post. dis., shaped.)
DCPS: Mean= -7823.7309
10.4
0
-2000
-4000
-6000
-8000
-4
-2
0
2
4
time

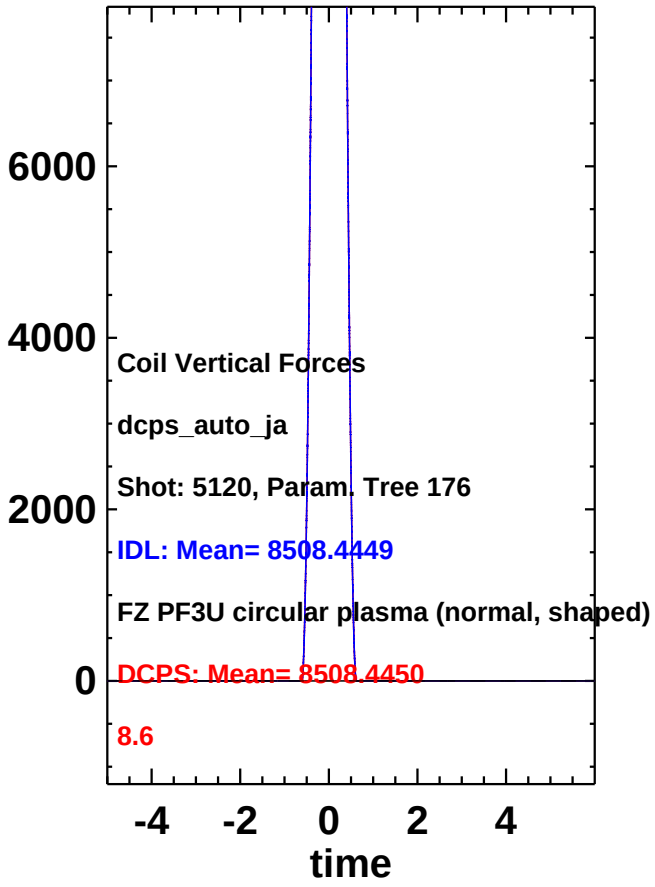

0
-1•10^4
-2•10^4
-3•10^4
-4•10^4
Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -39212.482
FZ PF2U circular plasma (normal, circular)
DCPS: Mean= -39212.482
7.5
-4 -2 0 2 4
time

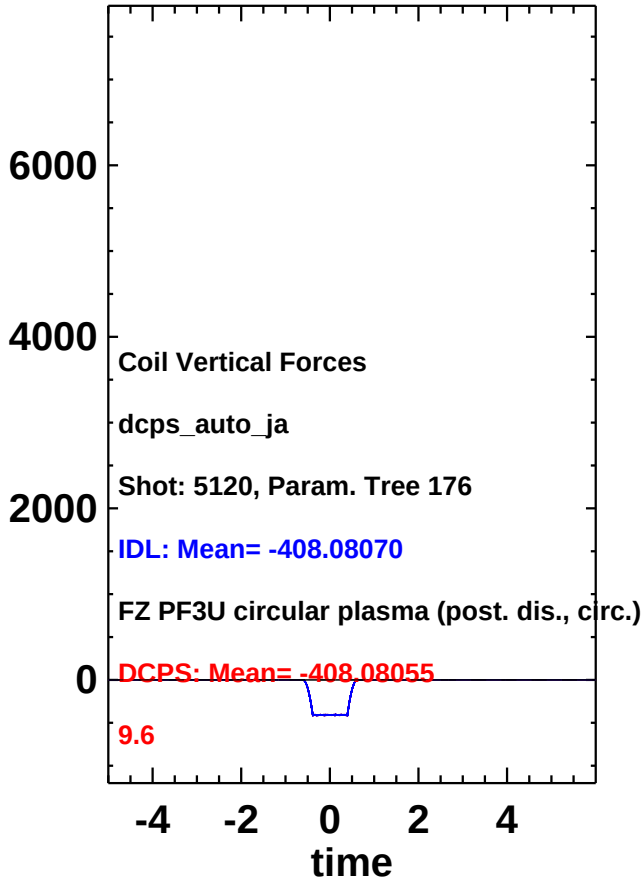

0
-1•10^4
-2•10^4
-3•10^4
-4•10^4
Fault Starts: -0.39060764
Fault Ends: 0.40119275
Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -43407.645
FZ PF2U circular plasma (normal, shaped)
DCPS: Mean= -43407.645
8.5
-4 -2 0 2 4
time

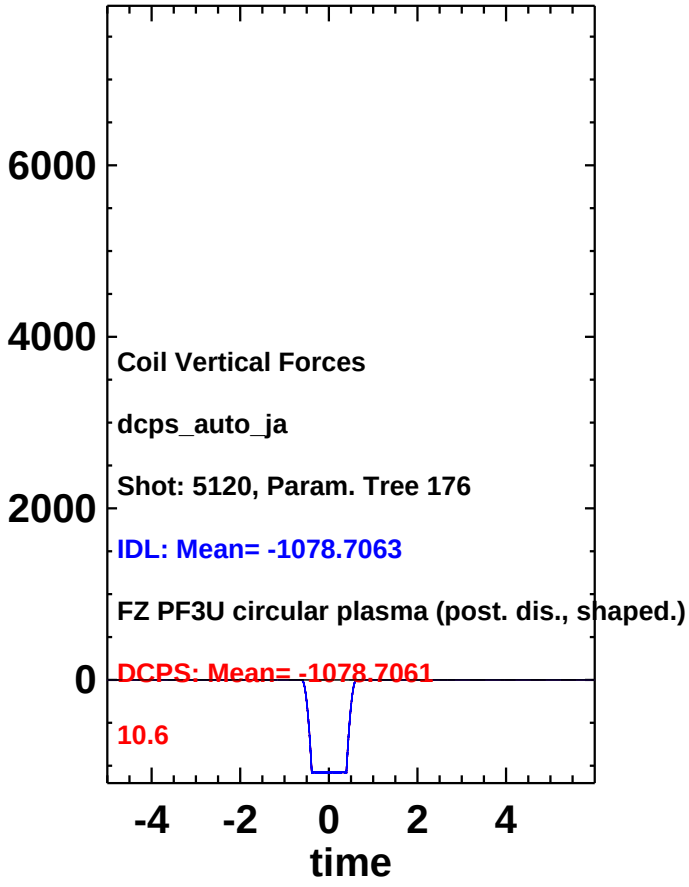

0
-1•10^4
-2•10^4
-3•10^4
-4•10^4
Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -36998.074
FZ PF2U circular plasma (post. dis., circ.)
DCPS: Mean= -36998.075
9.5
-4 -2 0 2 4
time

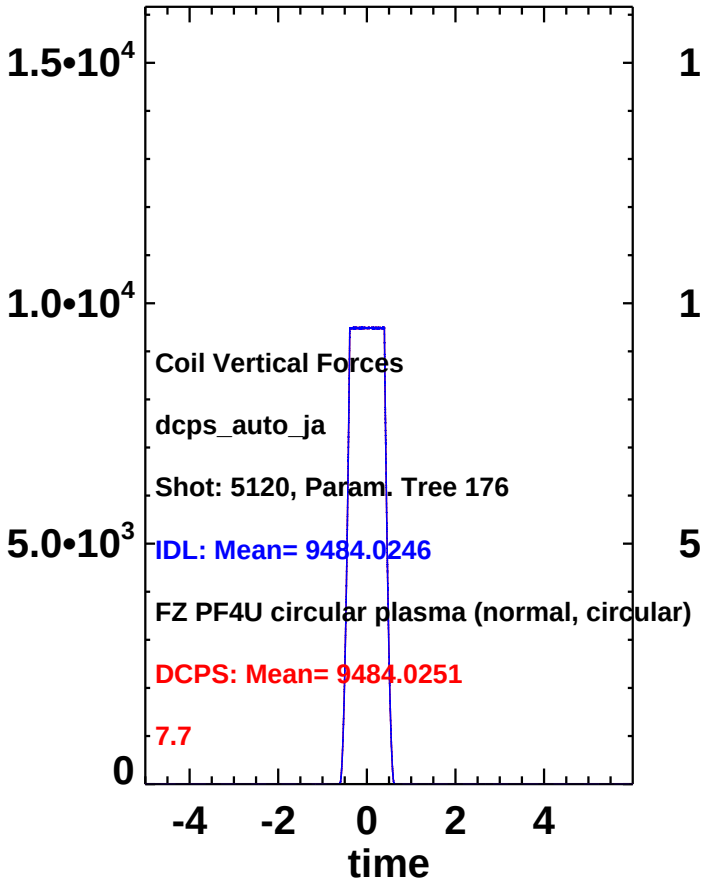

0
-1•10^4
-2•10^4
-3•10^4
-4•10^4
Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -39178.236
FZ PF2U circular plasma (post. dis., shaped.)
DCPS: Mean= -39178.237
10.5
-4 -2 0 2 4
time

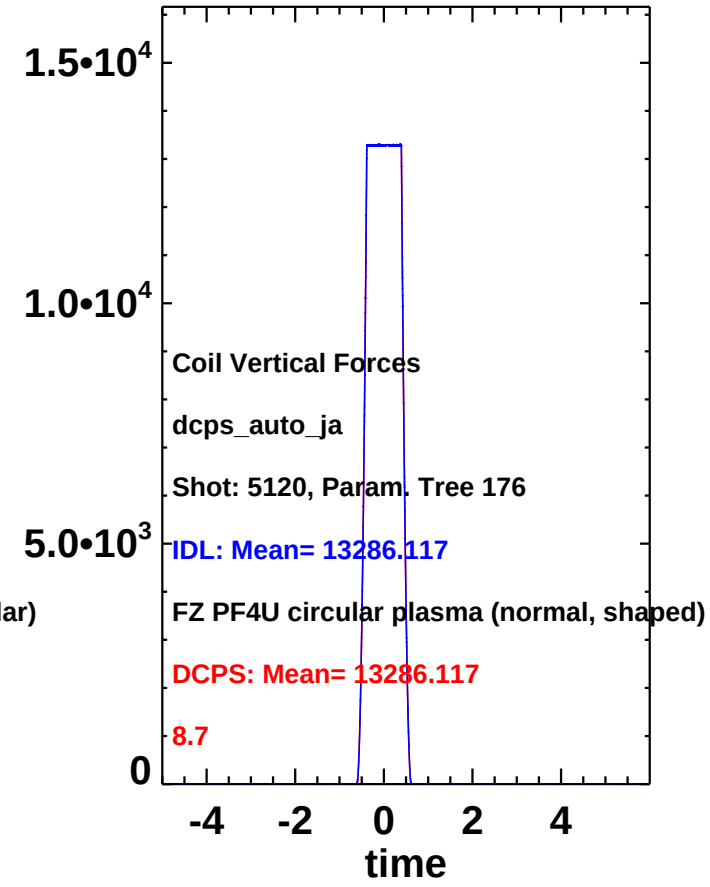

Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 7108.7956
FZ PF3U circular plasma (normal, circular)
DCPS: Mean= 7108.7957
7.6
6000
4000
2000
0
-4
-2
0
2
4
time

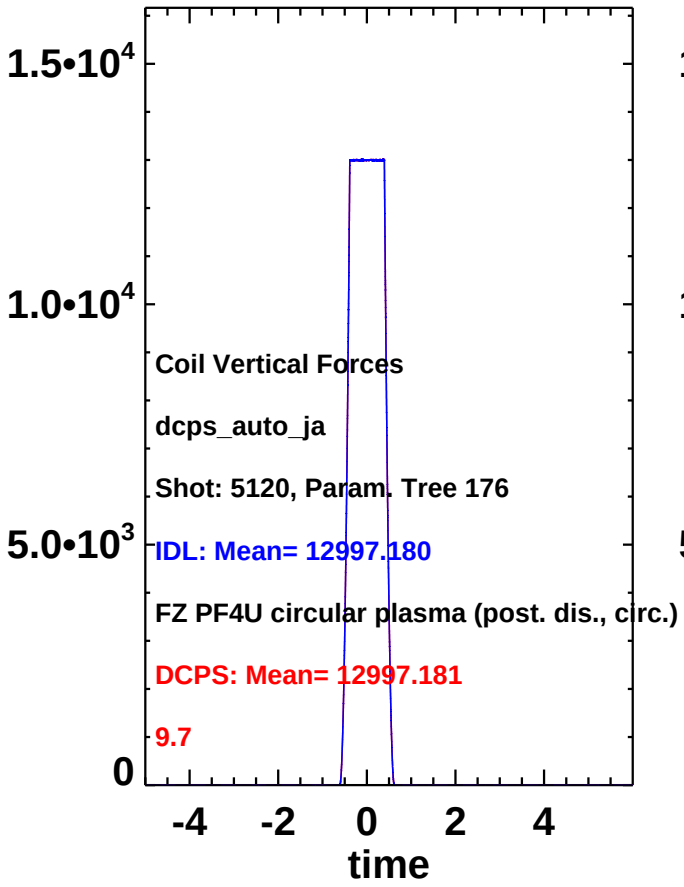

Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 8508.4449
FZ PF3U circular plasma (normal, shaped)
DCPS: Mean= 8508.4450
8.6
6000
4000
2000
0
-4
-2
0
2
4
time

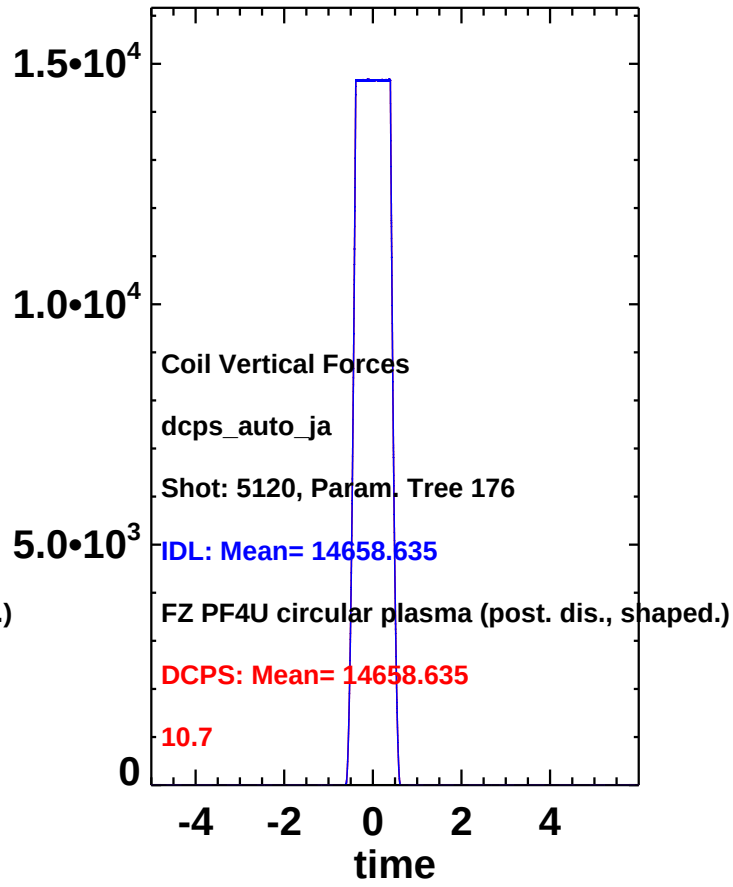

Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -408.08070
FZ PF3U circular plasma (post. dis., circ.)
DCPS: Mean= -408.08055
9.6
6000
4000
2000
0
-4
-2
0
2
4
time

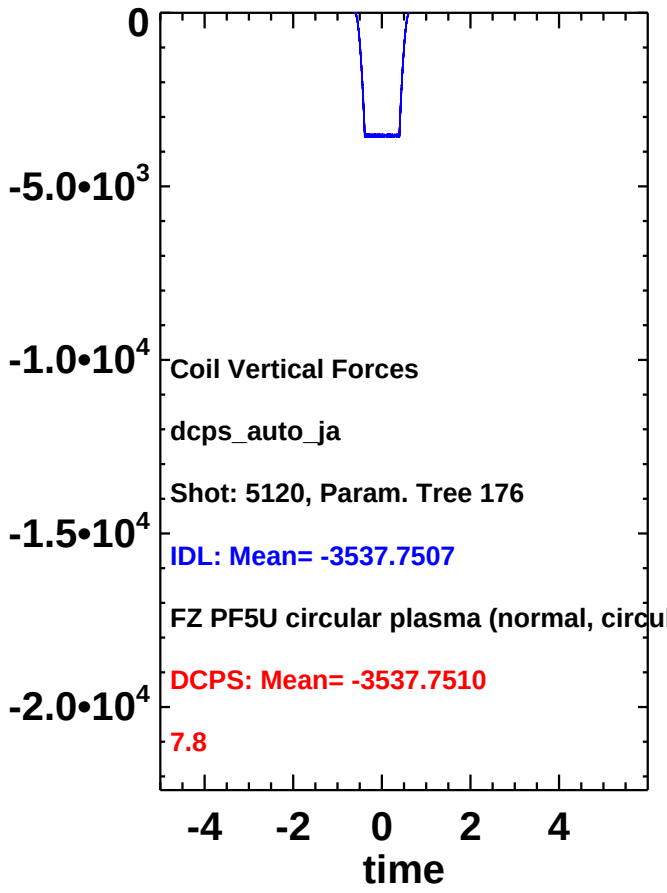

Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -1078.7063
FZ PF3U circular plasma (post. dis., shaped.)
DCPS: Mean= -1078.7061
10.6
6000
4000
2000
0
-4
-2
0
2
4
time

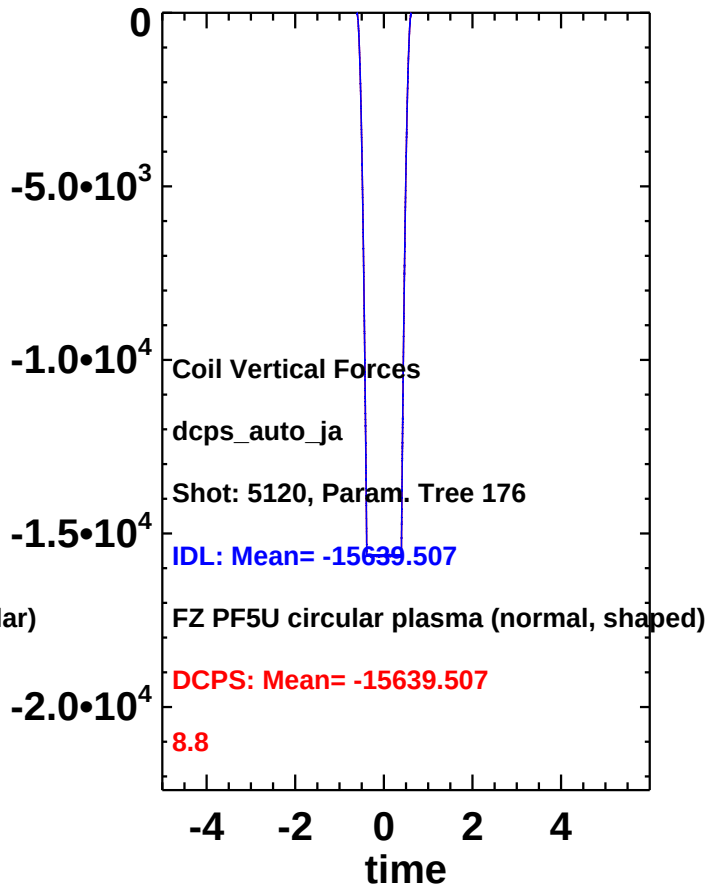

1.5•10^4
1.0•10^4
5.0•10^3
0
Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 9484.0246
FZ PF4U circular plasma (normal, circular)
DCPS: Mean= 9484.0251
7.7
-4
-2
0
2
4
time

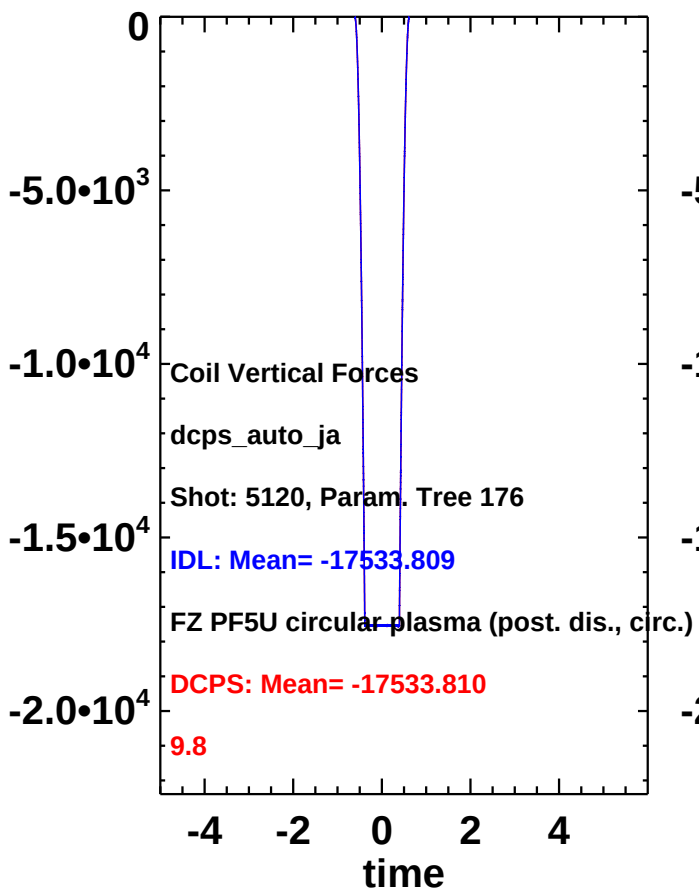

1.5•10^4
1.0•10^4
5.0•10^3
0
Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 13286.117
FZ PF4U circular plasma (normal, shaped)
DCPS: Mean= 13286.117
8.7
-4
-2
0
2
4
time

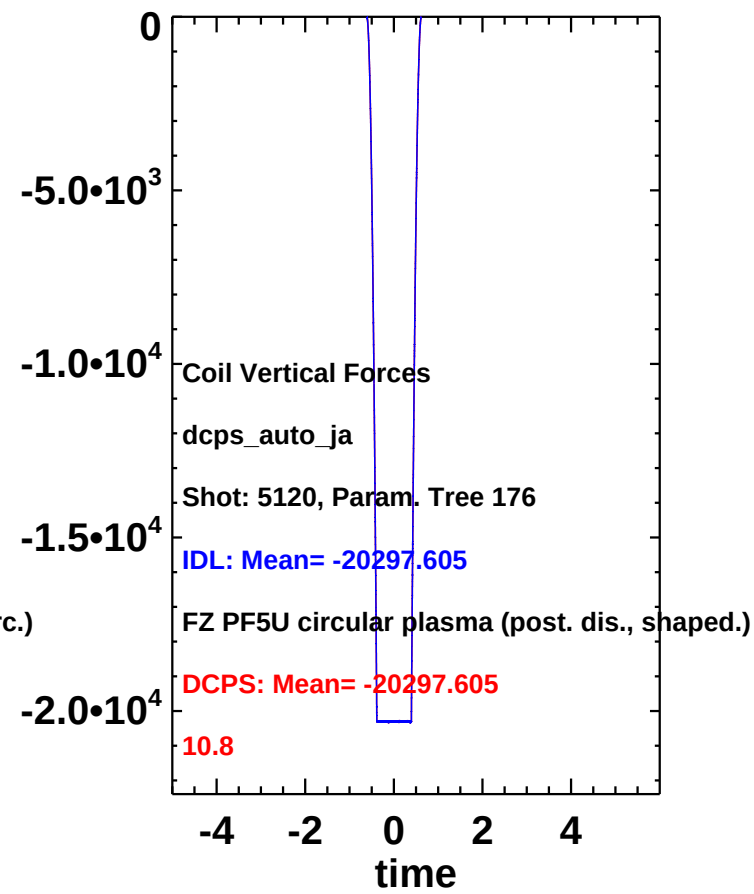

1.5•10^4
1.0•10^4
5.0•10^3
0
Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 12997.180
FZ PF4U circular plasma (post. dis., circ.)
DCPS: Mean= 12997.181
9.7
-4
-2
0
2
4
time

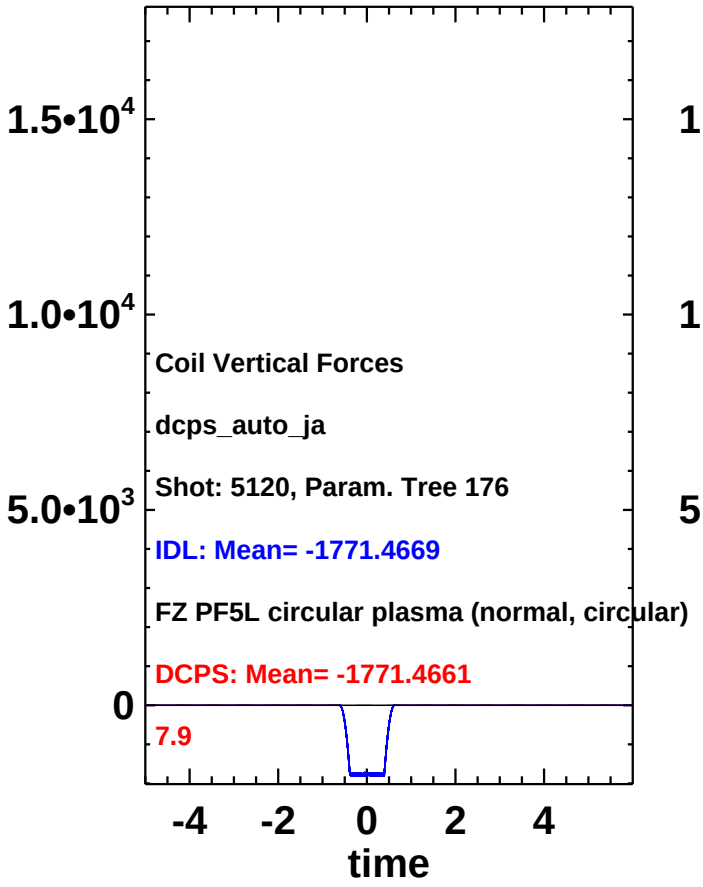

1.5•10^4
1.0•10^4
5.0•10^3
0
Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 14658.635
FZ PF4U circular plasma (post. dis., shaped.)
DCPS: Mean= 14658.635
10.7
-4
-2
0
2
4
time

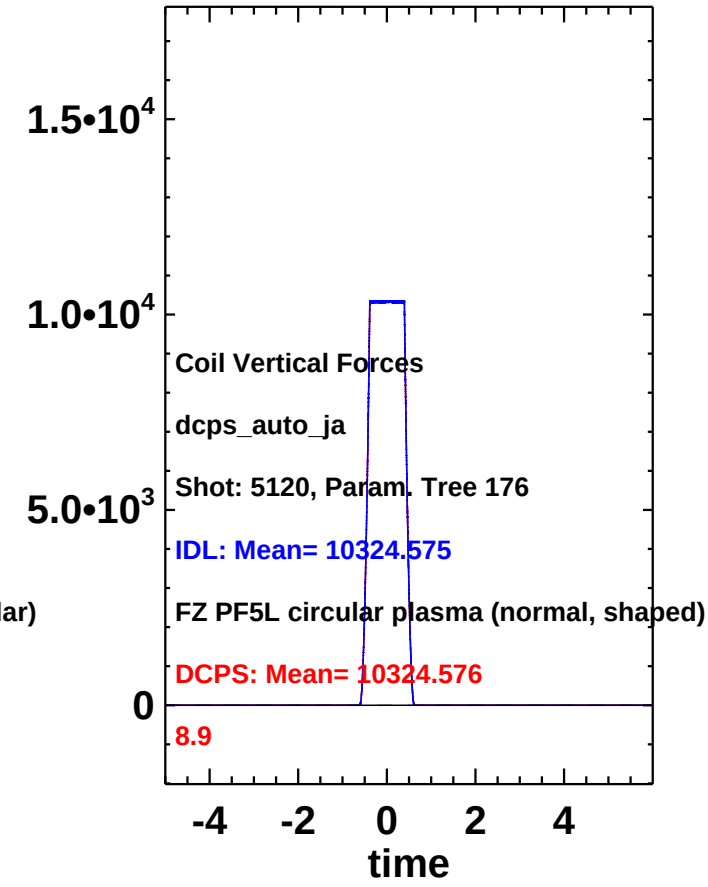

0
-5.0•10^3
-1.0•10^4
-1.5•10^4
-2.0•10^4
Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -3537.7507
FZ PF5U circular plasma (normal, circular)
DCPS: Mean= -3537.7510
7.8
-4 -2 0 2 4
time

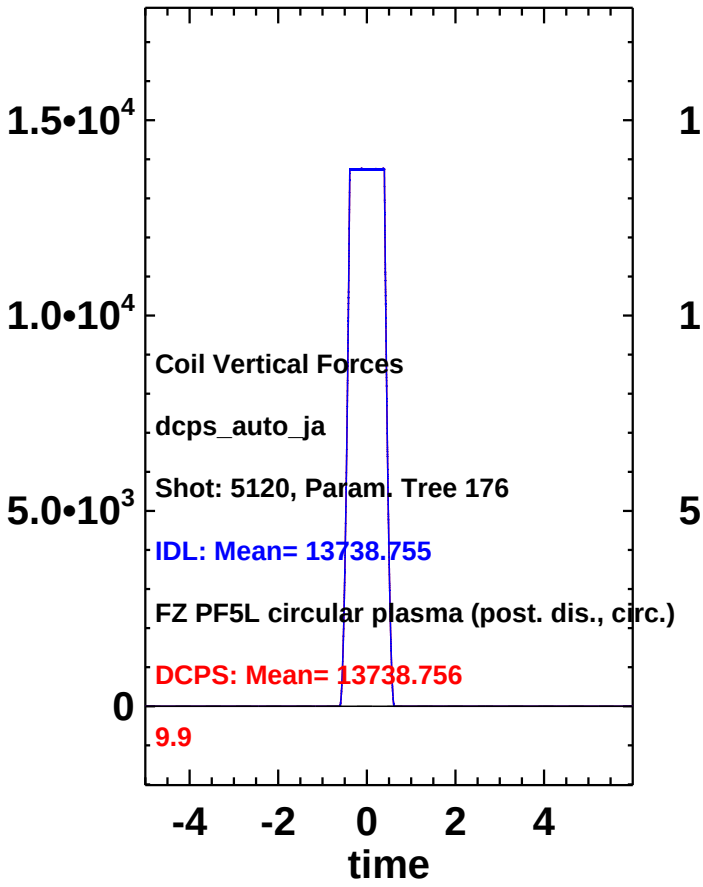

0
-5.0•10^3
-1.0•10^4
-1.5•10^4
-2.0•10^4
Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -15639.507
FZ PF5U circular plasma (normal, shaped)
DCPS: Mean= -15639.507
8.8
-4 -2 0 2 4
time

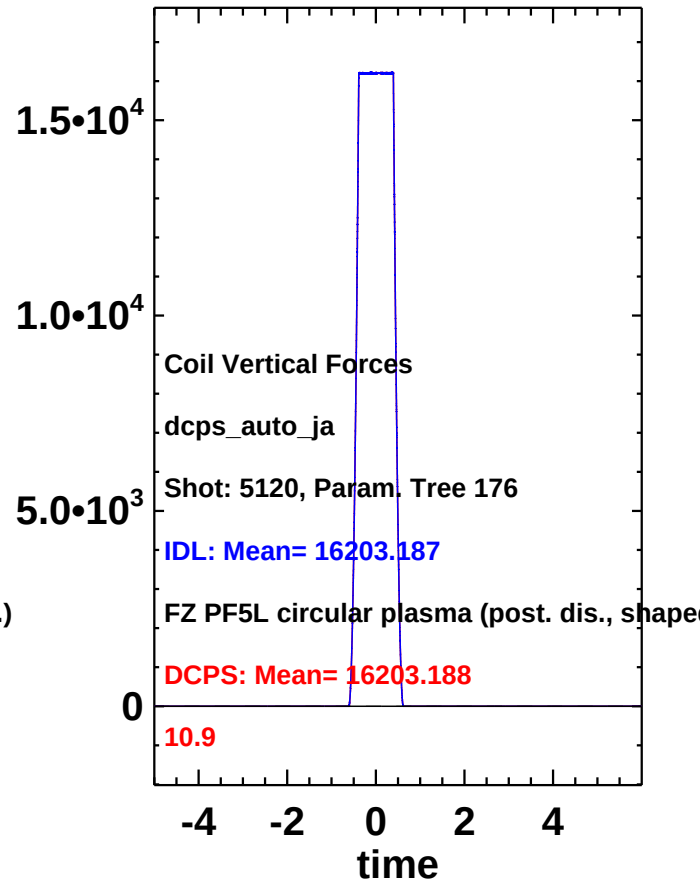

0
-5.0•10^3
-1.0•10^4
-1.5•10^4
-2.0•10^4
Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -17533.809
FZ PF5U circular plasma (post. dis., circ.)
DCPS: Mean= -17533.810
9.8
-4 -2 0 2 4
time

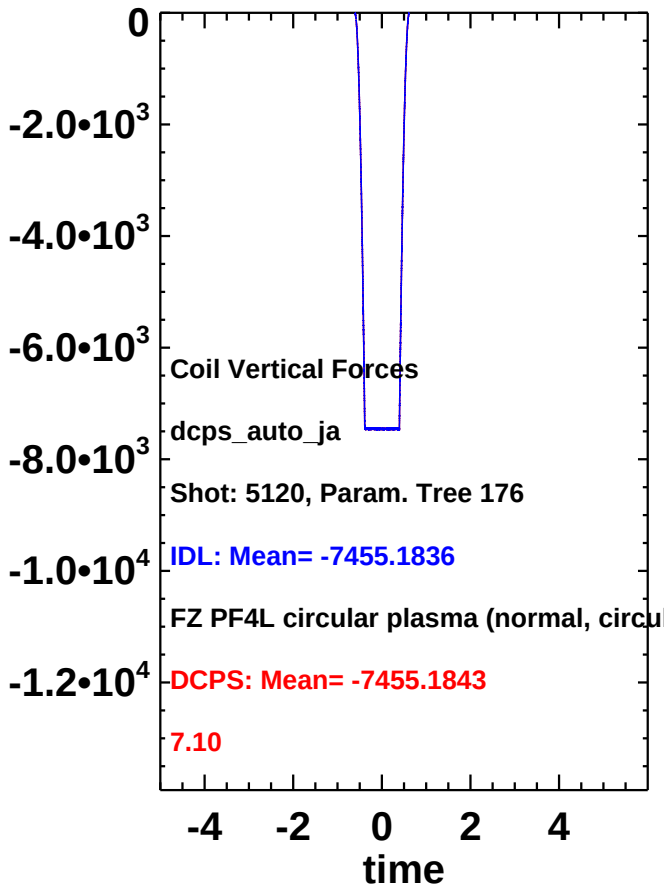

0
-5.0•10^3
-1.0•10^4
-1.5•10^4
-2.0•10^4
Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -20297.605
FZ PF5U circular plasma (post. dis., shaped.)
DCPS: Mean= -20297.605
10.8
-4 -2 0 2 4
time

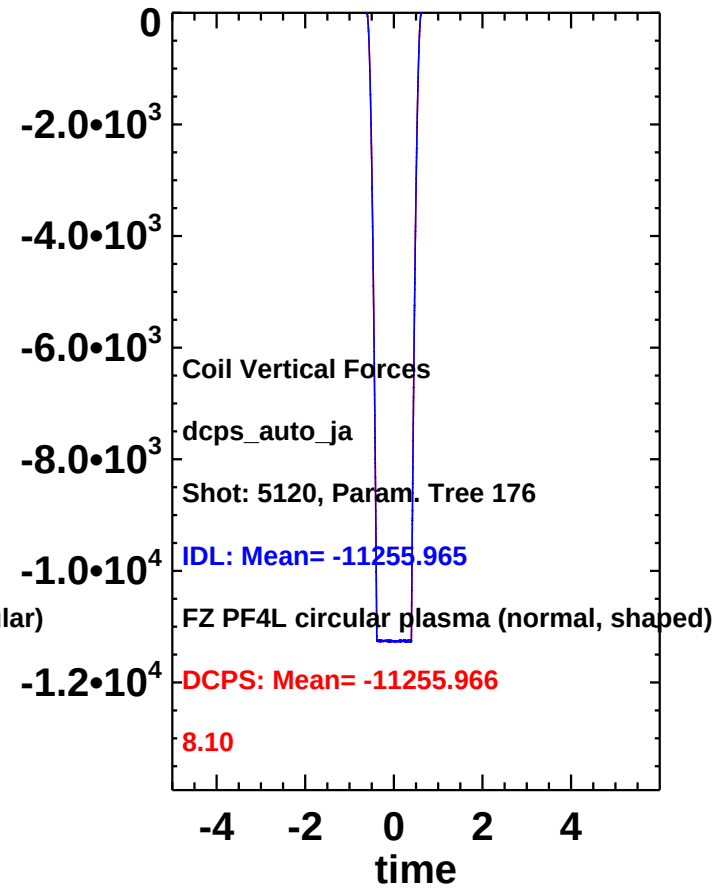

1.5•10^4
1.0•10^4
5.0•10^3
0
Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -1771.4669
FZ PF5L circular plasma (normal, circular)
DCPS: Mean= -1771.4661
7.9
-4 -2 0 2 4
time

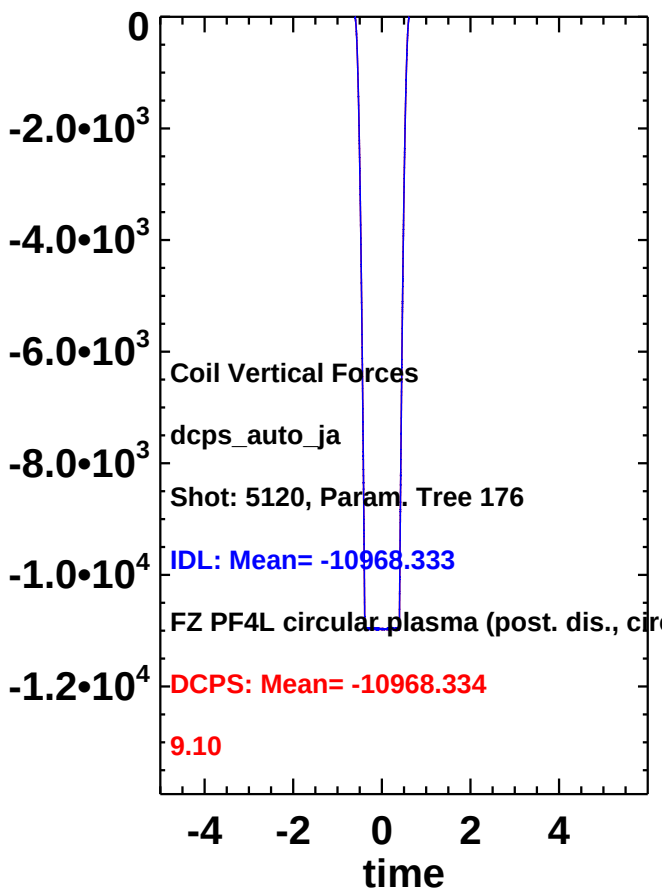

1.5•10^4
1.0•10^4
5.0•10^3
0
Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 10324.575
FZ PF5L circular plasma (normal, shaped)
DCPS: Mean= 10324.576
8.9
-4 -2 0 2 4
time

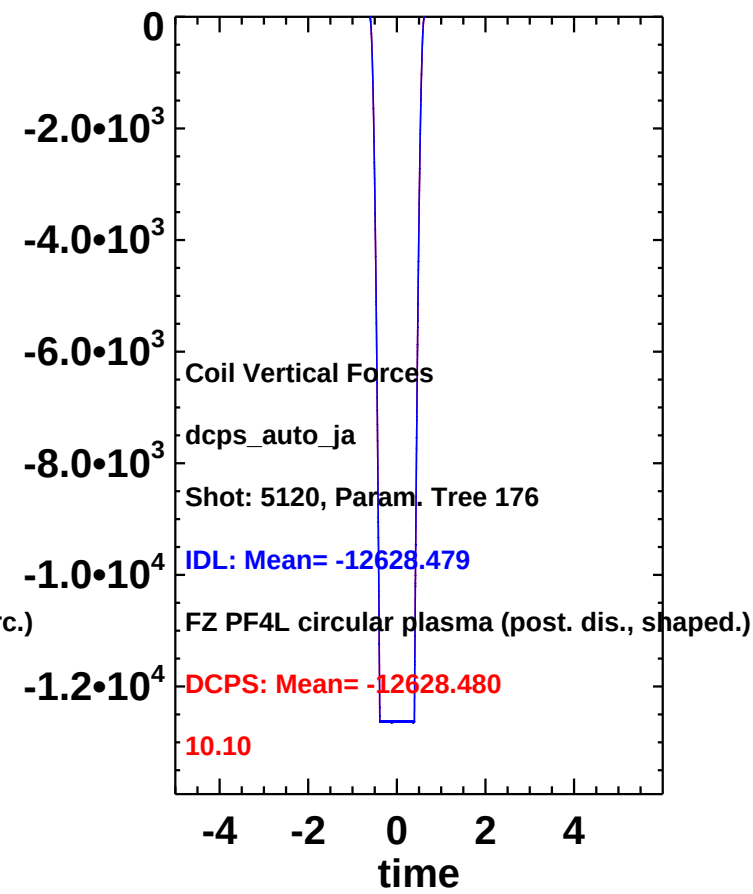

1.5•10^4
1.0•10^4
5.0•10^3
0
Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 13738.755
FZ PF5L circular plasma (post. dis., circ.)
DCPS: Mean= 13738.756
9.9
-4 -2 0 2 4
time

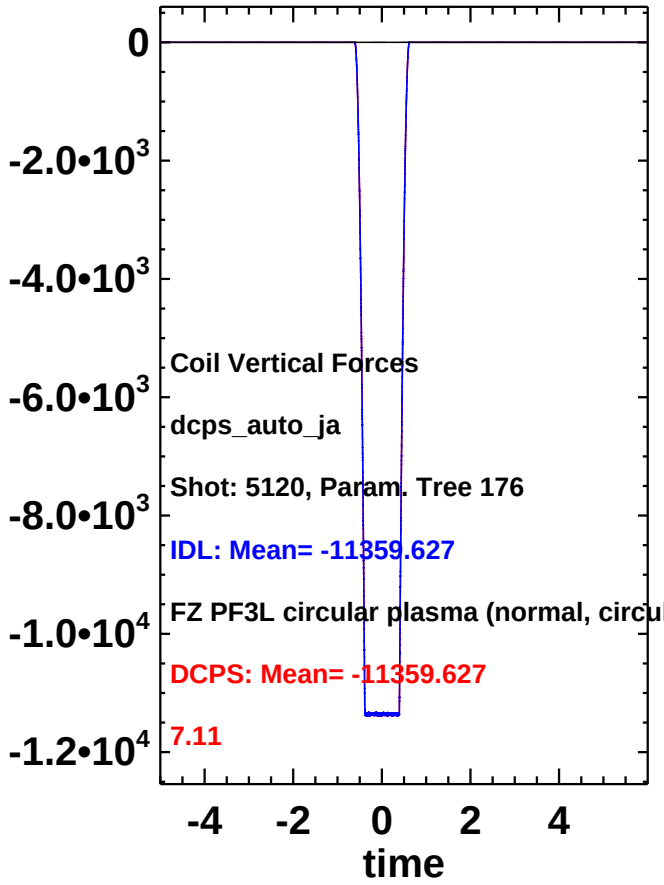

1.5•10^4
1.0•10^4
5.0•10^3
0
Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 16203.187
FZ PF5L circular plasma (post. dis., shaped.)
DCPS: Mean= 16203.188
10.9
-4 -2 0 2 4
time

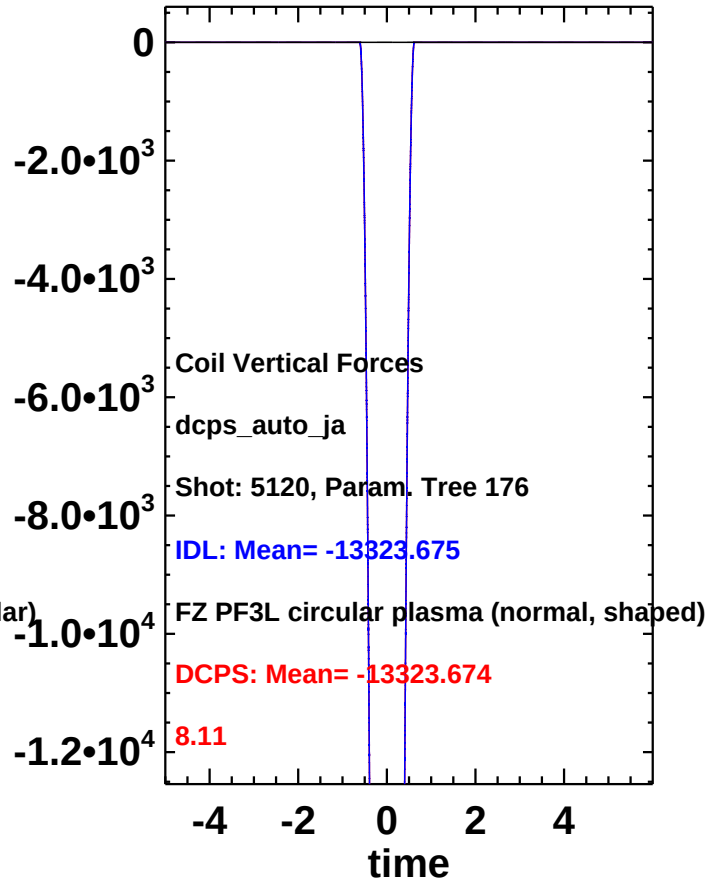

0
-2.0•10^3
-4.0•10^3
-6.0•10^3
-8.0•10^3
-1.0•10^4
-1.2•10^4
Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -7455.1836
FZ PF4L circular plasma (normal, circular)
DCPS: Mean= -7455.1843
7.10
-4 -2 0 2 4
time

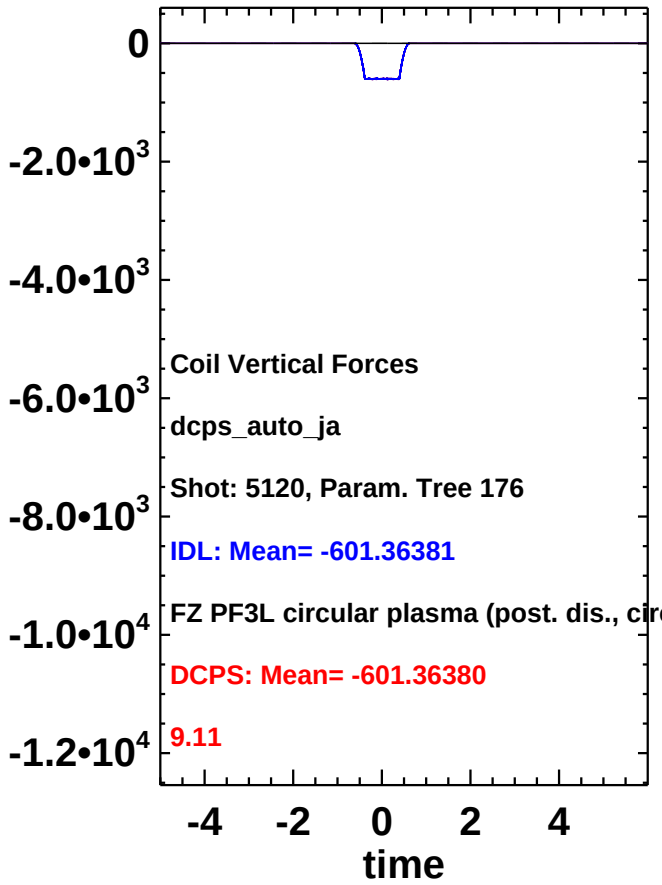

0
-2.0•10^3
-4.0•10^3
-6.0•10^3
-8.0•10^3
-1.0•10^4
-1.2•10^4
Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -11255.965
FZ PF4L circular plasma (normal, shaped)
DCPS: Mean= -11255.966
8.10
-4 -2 0 2 4
time

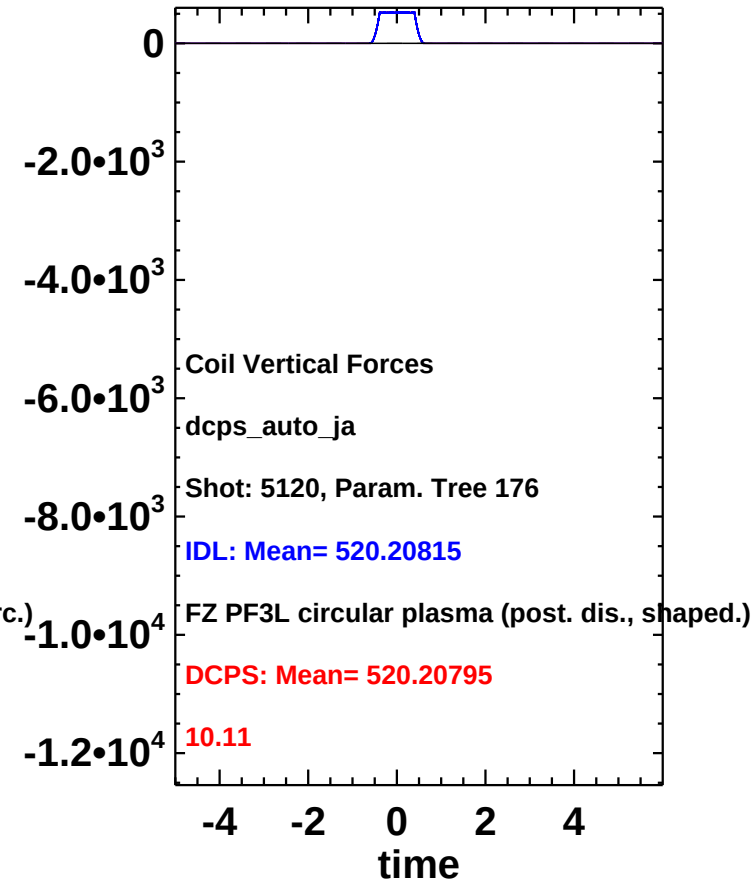

0
-2.0•10^3
-4.0•10^3
-6.0•10^3
-8.0•10^3
-1.0•10^4
-1.2•10^4
Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -10968.333
FZ PF4L circular plasma (post. dis., circ.)
DCPS: Mean= -10968.334
9.10
-4 -2 0 2 4
time

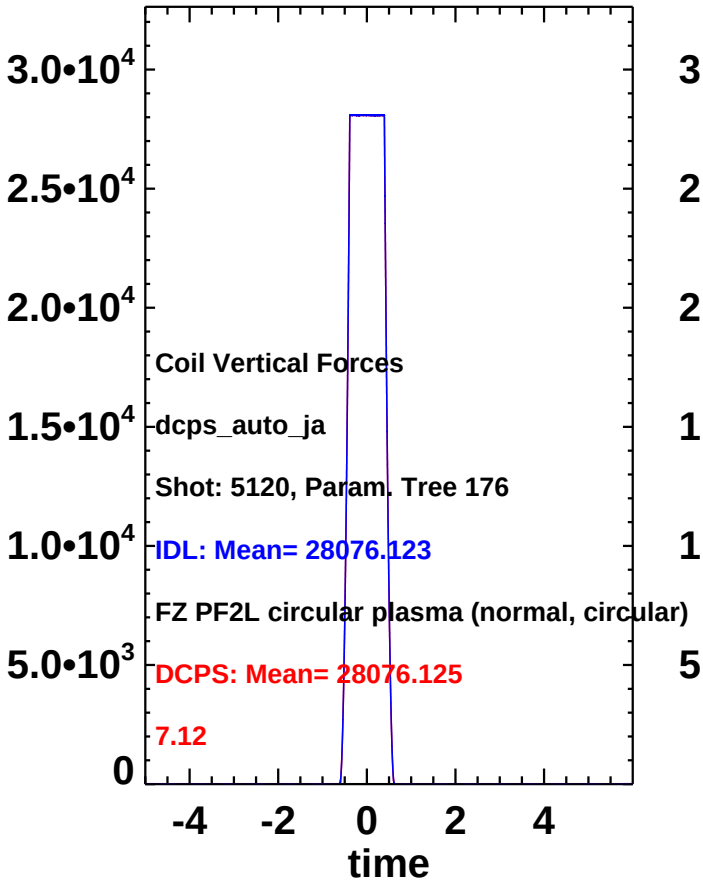

0
-2.0•10^3
-4.0•10^3
-6.0•10^3
-8.0•10^3
-1.0•10^4
-1.2•10^4
Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -12628.479
FZ PF4L circular plasma (post. dis., shaped.)
DCPS: Mean= -12628.480
10.10
-4 -2 0 2 4
time

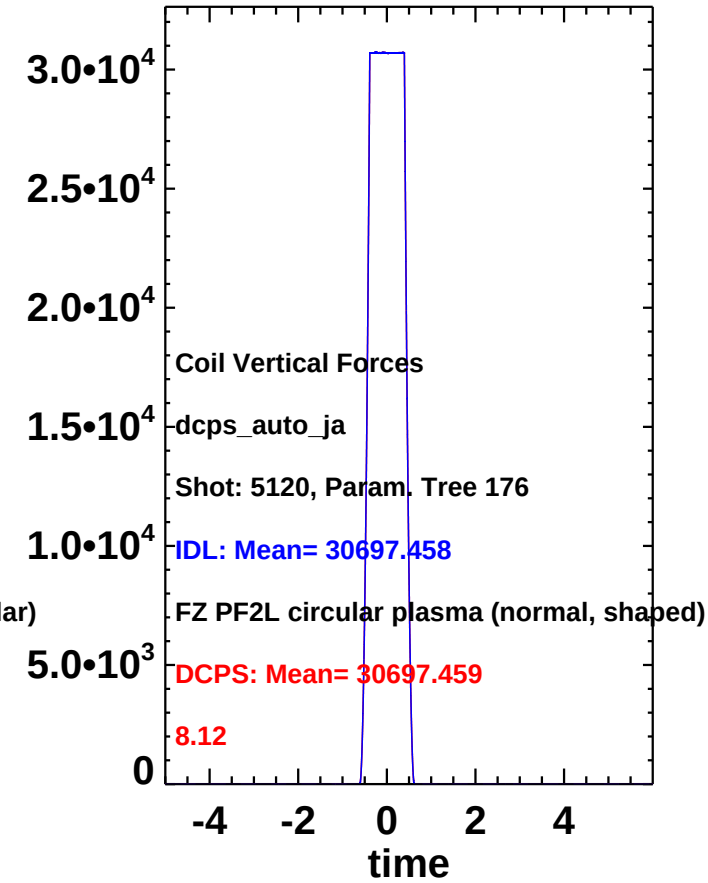

Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -11359.627
FZ PF3L circular plasma (normal, circular)
DCPS: Mean= -11359.627
7.11
time

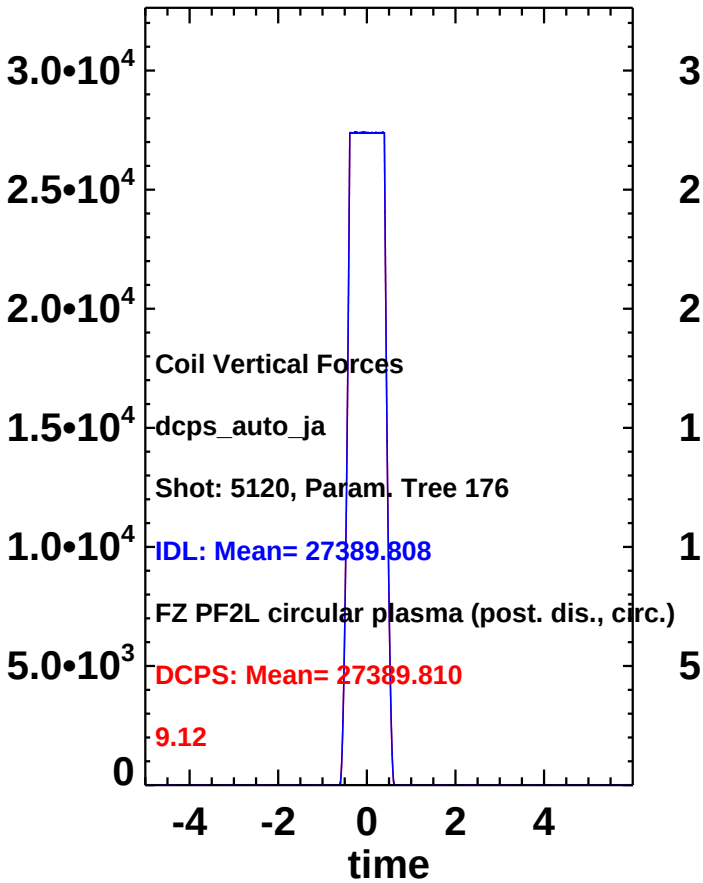

Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -13323.675
FZ PF3L circular plasma (normal, shaped)
DCPS: Mean= -13323.674
8.11
time

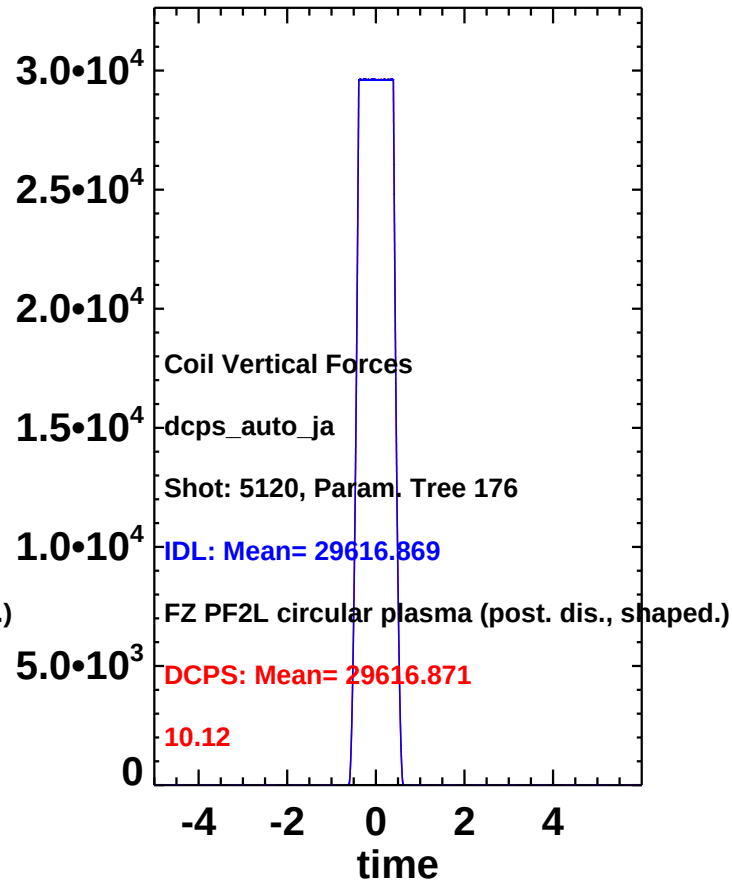

Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -601.36381
FZ PF3L circular plasma (post. dis., circ.)
DCPS: Mean= -601.36380
9.11
time

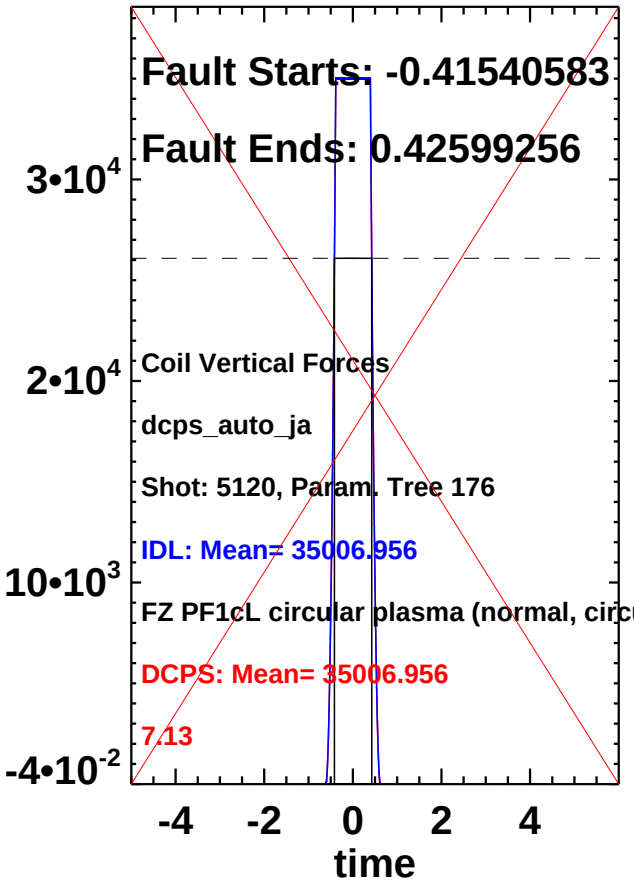

Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 520.20815
FZ PF3L circular plasma (post. dis., shaped.)
DCPS: Mean= 520.20795
10.11
time

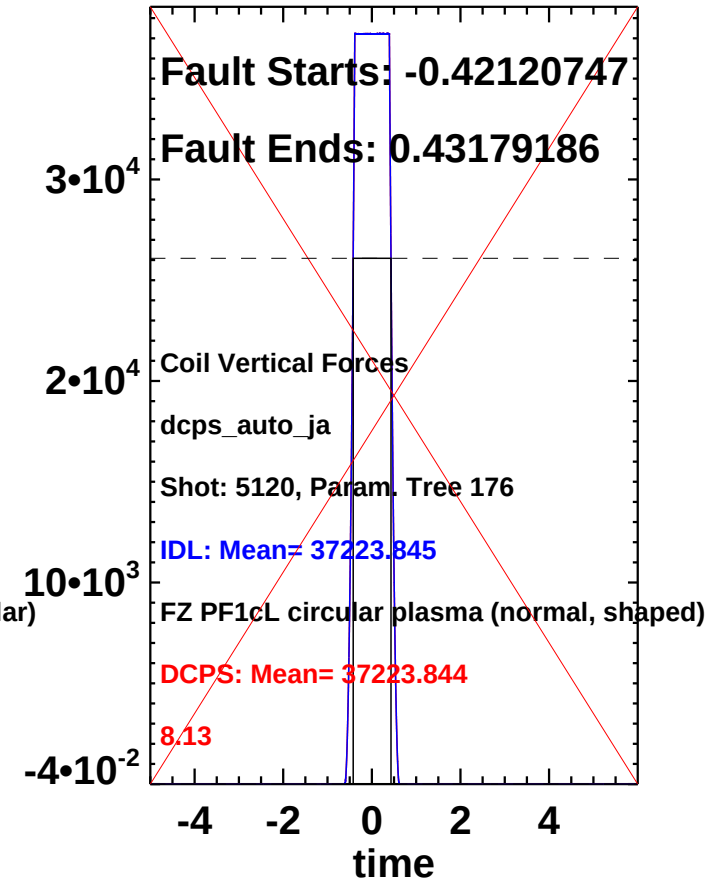

Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 28076.123
FZ PF2L circular plasma (normal, circular)
DCPS: Mean= 28076.125
7.12
3.0•10^4
2.5•10^4
2.0•10^4
1.5•10^4
1.0•10^4
5.0•10^3
0
-4
-2
0
2
4
time

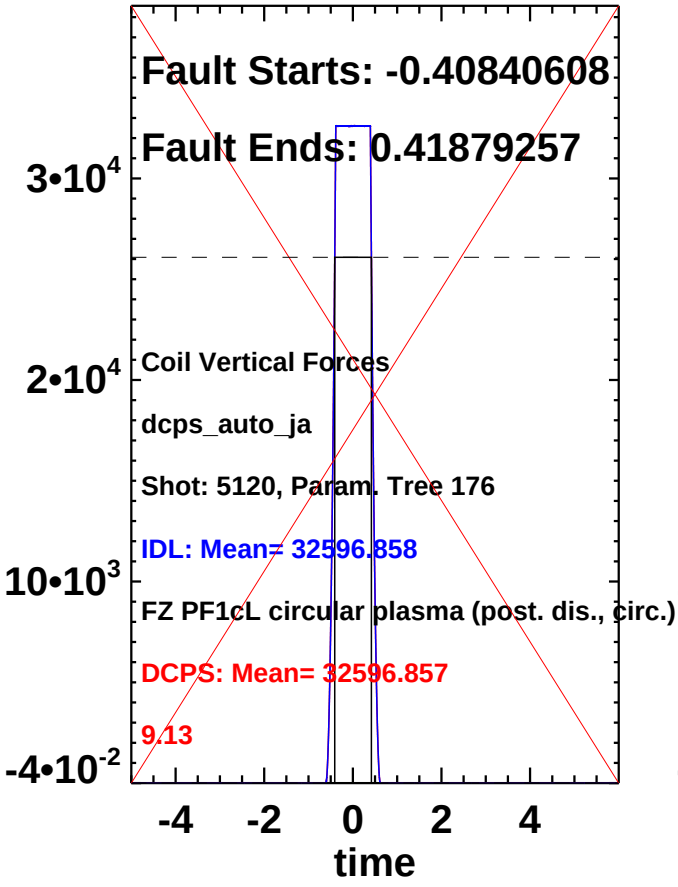

Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 30697.458
FZ PF2L circular plasma (normal, shaped)
DCPS: Mean= 30697.459
8.12
3.0•10^4
2.5•10^4
2.0•10^4
1.5•10^4
1.0•10^4
5.0•10^3
0
-4
-2
0
2
4
time

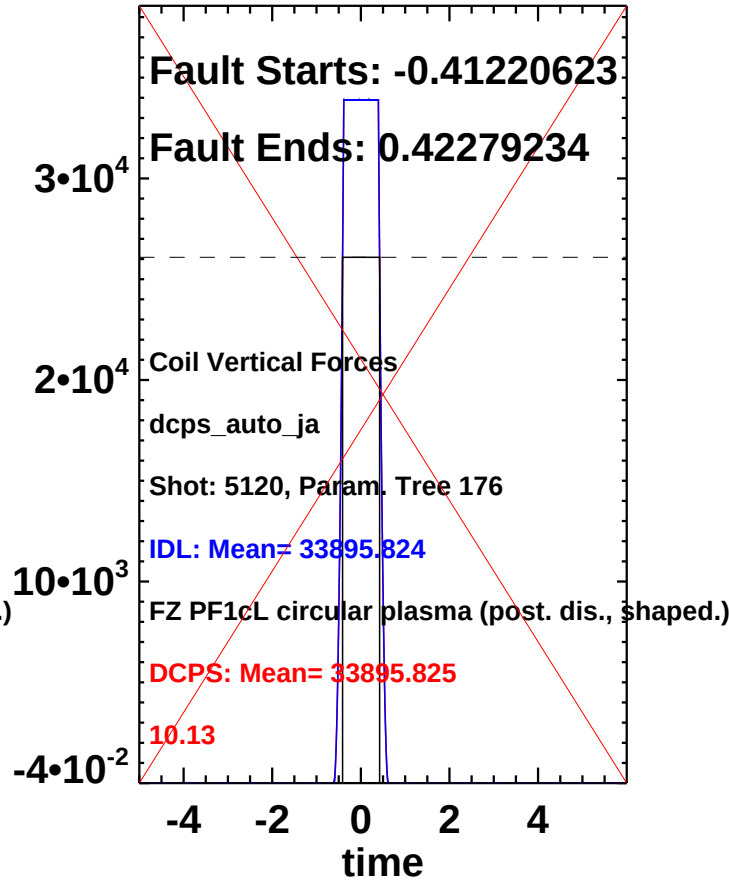

Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 27389.808
FZ PF2L circular plasma (post. dis., circ.)
DCPS: Mean= 27389.810
9.12
3.0•10^4
2.5•10^4
2.0•10^4
1.5•10^4
1.0•10^4
5.0•10^3
0
-4
-2
0
2
4
time

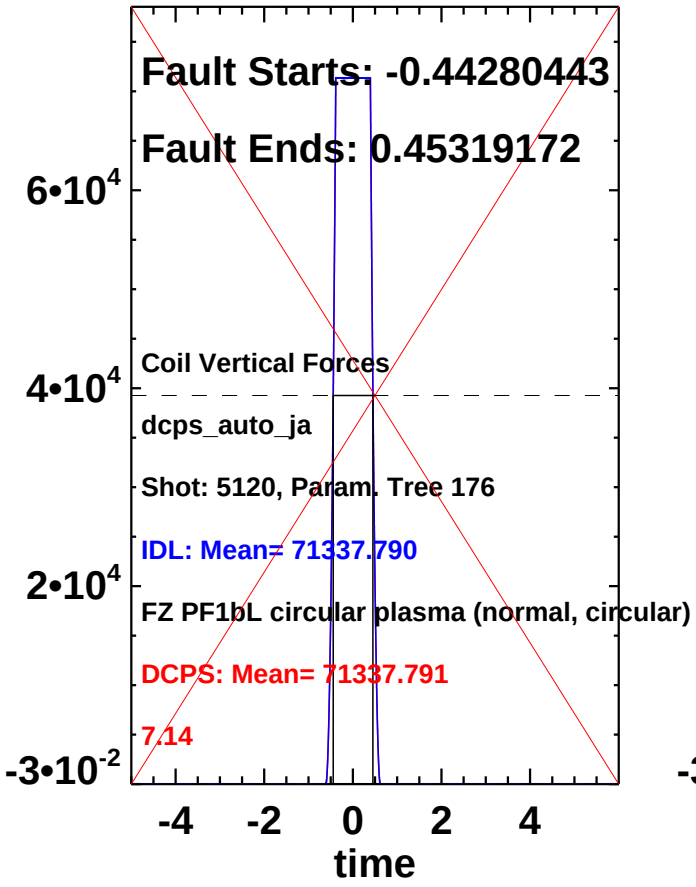

Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 29616.869
FZ PF2L circular plasma (post. dis., shaped.)
DCPS: Mean= 29616.871
10.12
3.0•10^4
2.5•10^4
2.0•10^4
1.5•10^4
1.0•10^4
5.0•10^3
0
-4
-2
0
2
4
time

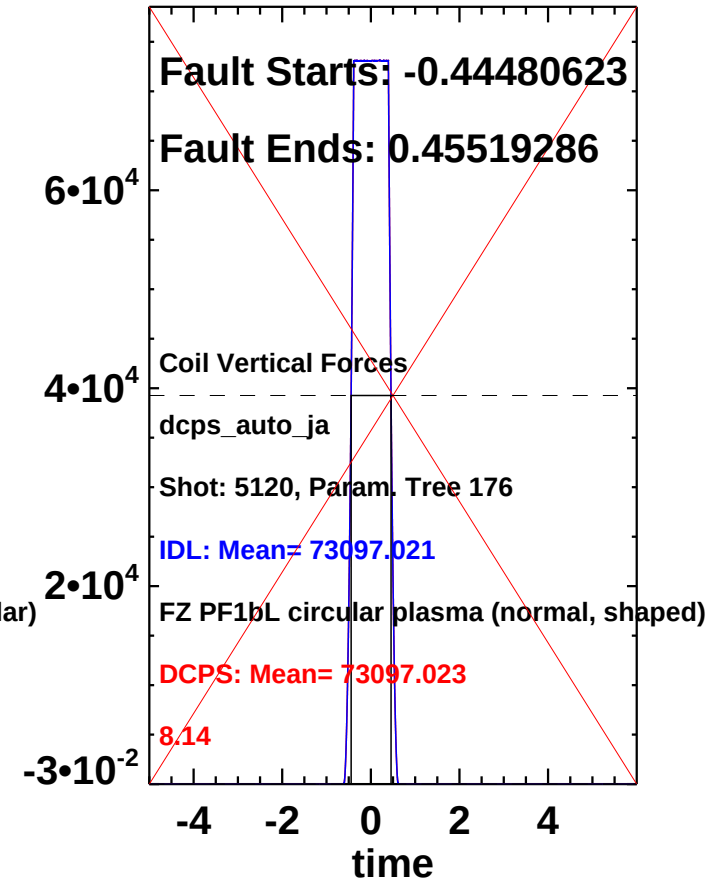

Fault Starts: -0.41540583
Fault Ends: 0.42599256
Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 35006.956
FZ PF1cL circular plasma (normal, circular)
DCPS: Mean= 35006.956
7.13
3•10^4
2•10^4
10•10^3
-4•10^-2
-4 -2 0 2 4
time

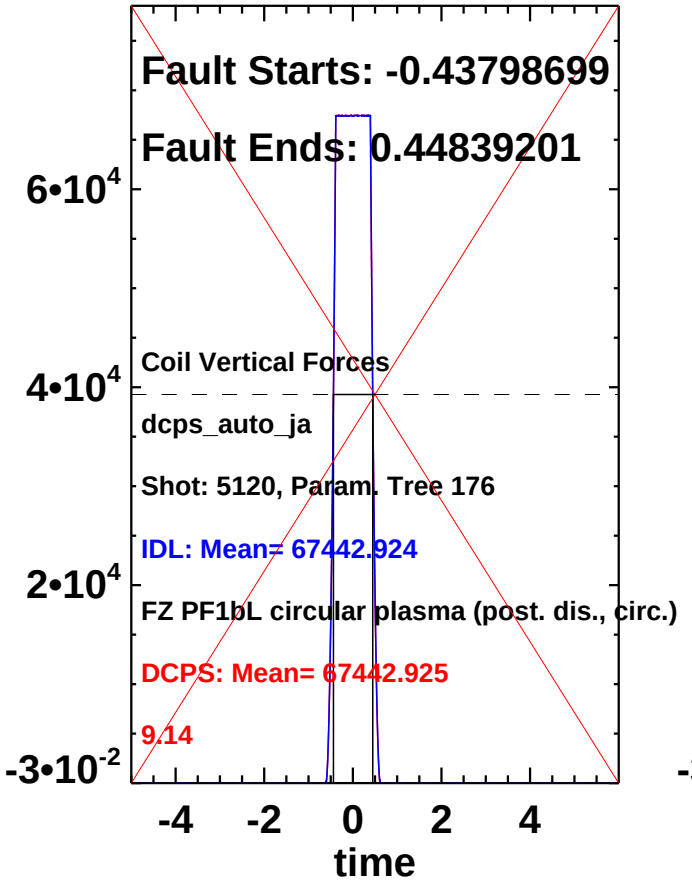

Fault Starts: -0.42120747
Fault Ends: 0.43179186
Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 37223.845
FZ PF1cL circular plasma (normal, shaped)
DCPS: Mean= 37223.844
8.13
3•10^4
2•10^4
10•10^3
-4•10^-2
-4 -2 0 2 4
time

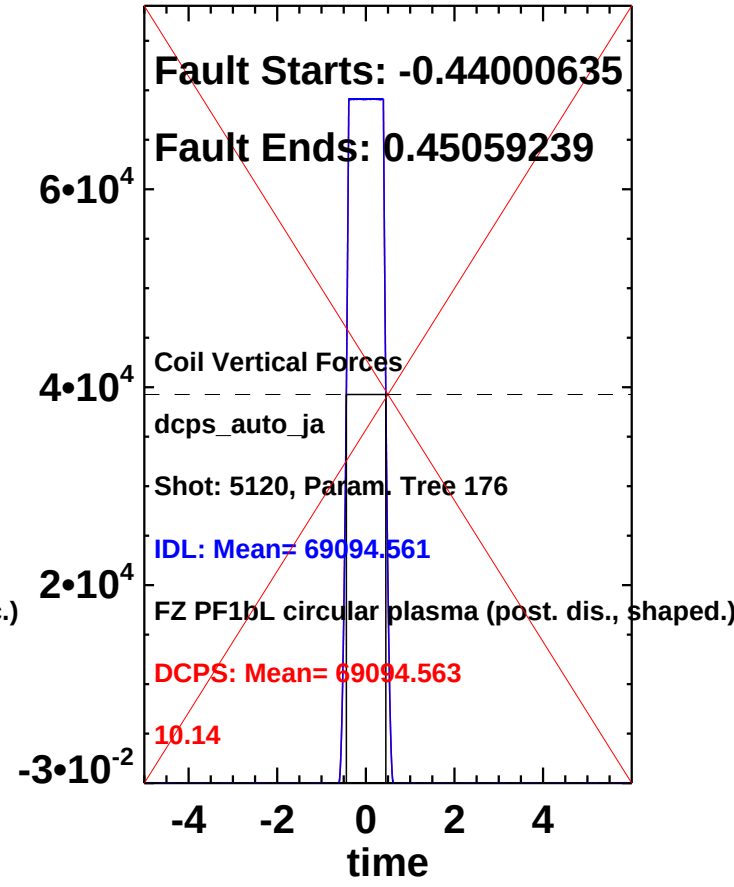

Fault Starts: -0.40840608
Fault Ends: 0.41879257
Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 32596.858
FZ PF1cL circular plasma (post. dis., circ.)
DCPS: Mean= 32596.857
9.13
3•10^4
2•10^4
10•10^3
-4•10^-2
-4 -2 0 2 4
time

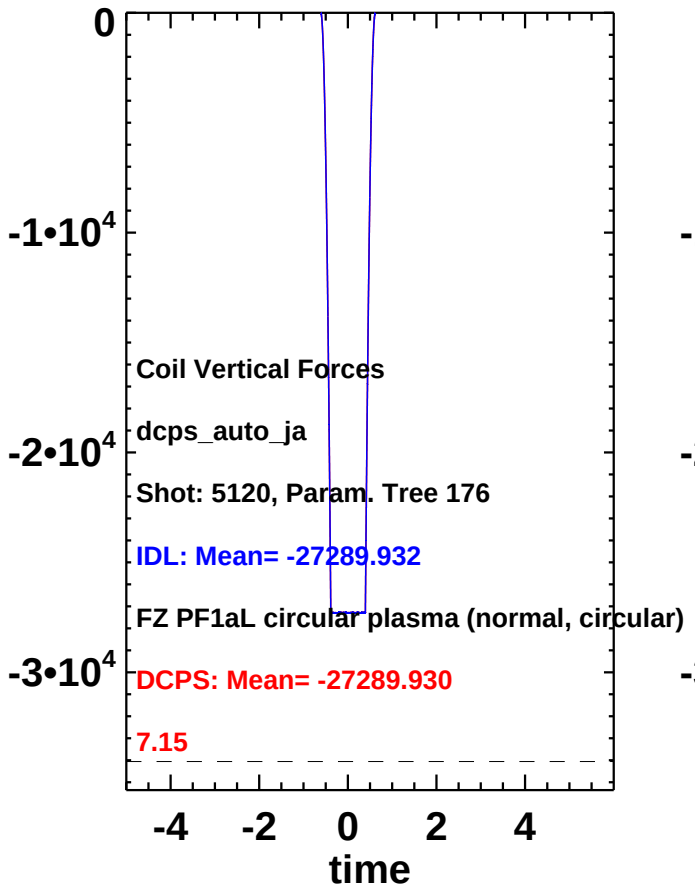

Fault Starts: -0.41220623
Fault Ends: 0.42279234
Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 33895.824
FZ PF1cL circular plasma (post. dis., shaped.)
DCPS: Mean= 33895.825
10.13
3•10^4
2•10^4
10•10^3
-4•10^-2
-4 -2 0 2 4
time

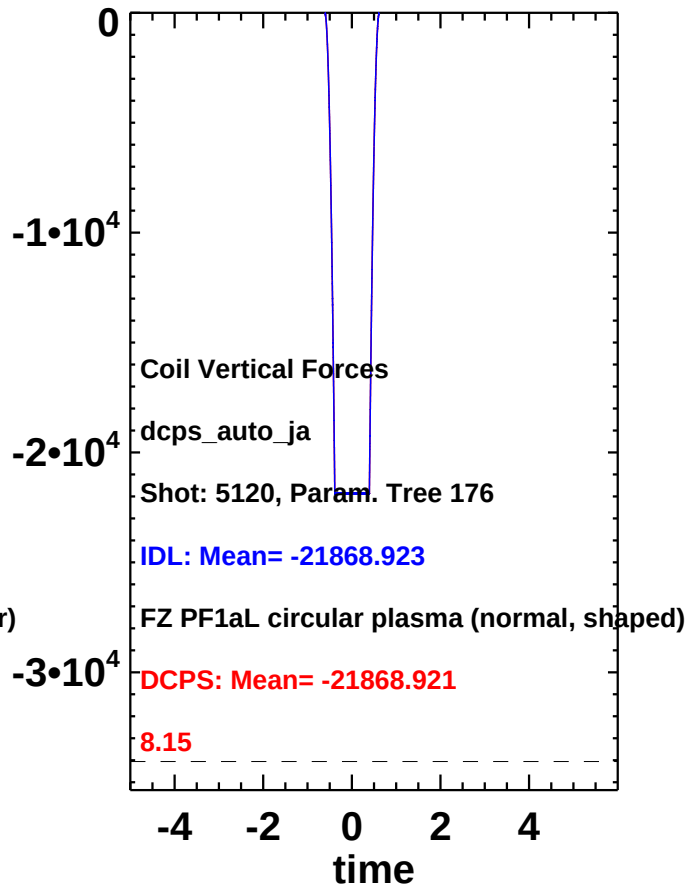

Fault Starts: -0.44280443
Fault Ends: 0.45319172
Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 71337.790
FZ PF1bL circular plasma (normal, circular)
DCPS: Mean= 71337.791
7.14
6•10^4
4•10^4
2•10^4
-3•10^-2
-4
-2
0
2
4
time

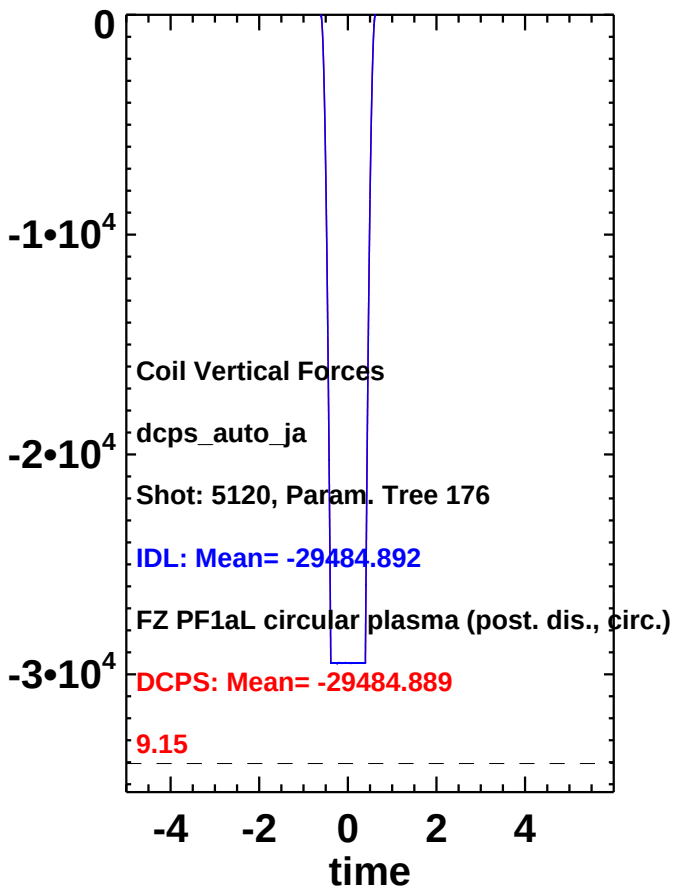

Fault Starts: -0.44480623
Fault Ends: 0.45519286
Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 73097.021
FZ PF1bL circular plasma (normal, shaped)
DCPS: Mean= 73097.023
8.14
6•10^4
4•10^4
2•10^4
-3•10^-2
-4
-2
0
2
4
time

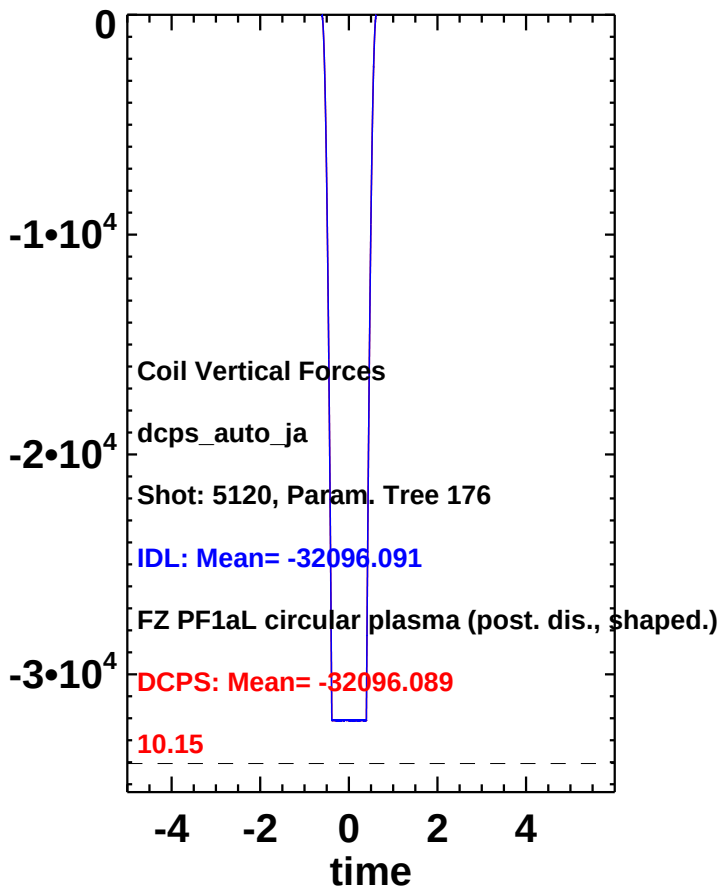

Fault Starts: -0.43798699
Fault Ends: 0.44839201
Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 67442.924
FZ PF1bL circular plasma (post. dis., circ.)
DCPS: Mean= 67442.925
9.14
6•10^4
4•10^4
2•10^4
-3•10^-2
-4
-2
0
2
4
time

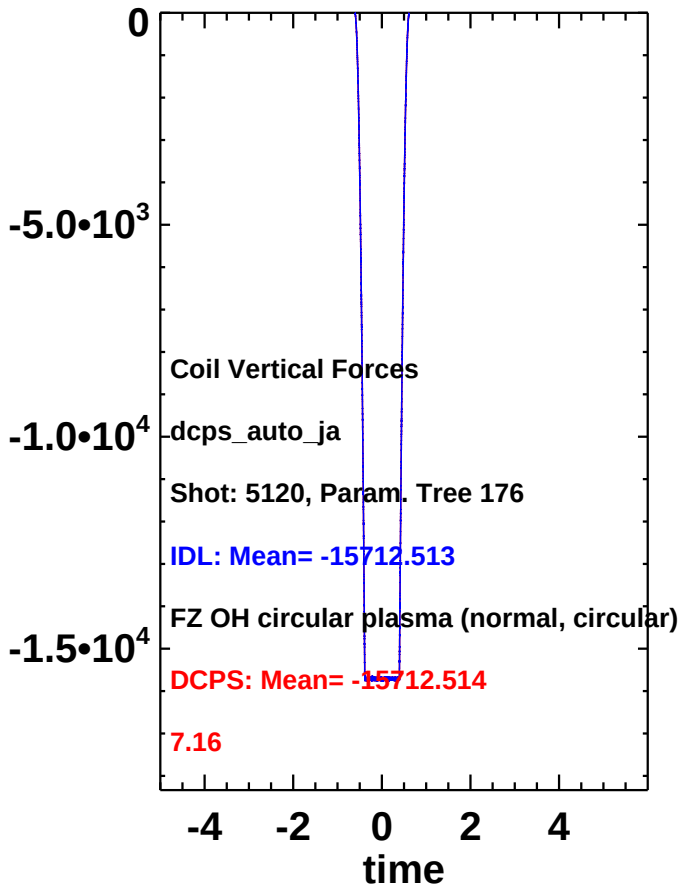

Fault Starts: -0.44000635
Fault Ends: 0.45059239
Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 69094.561
FZ PF1bL circular plasma (post. dis., shaped.)
DCPS: Mean= 69094.563
10.14
6•10^4
4•10^4
2•10^4
-3•10^-2
-4
-2
0
2
4
time

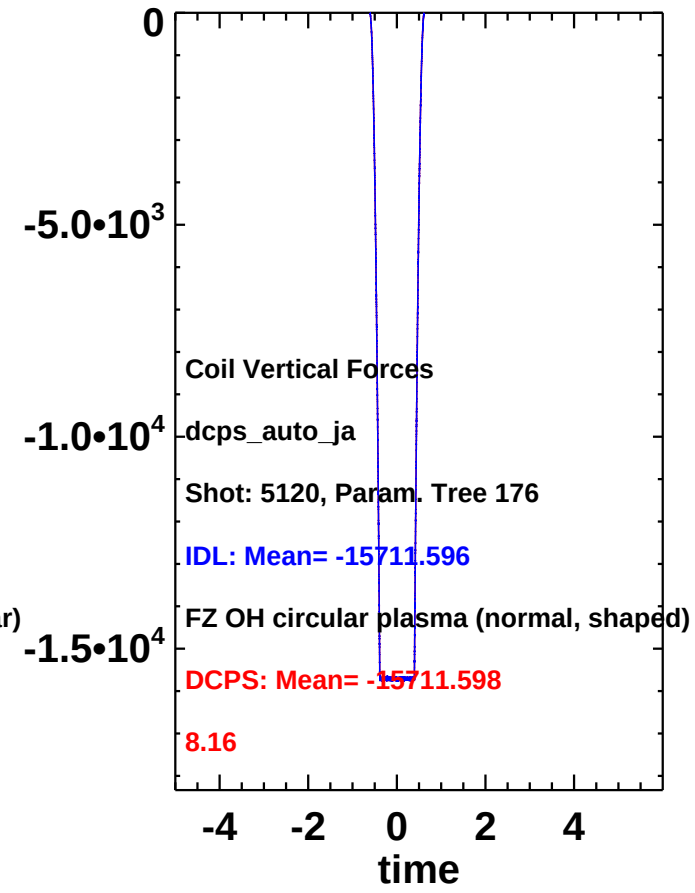

0
-1•10^4
-2•10^4
-3•10^4
Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -27289.932
FZ PF1aL circular plasma (normal, circular)
DCPS: Mean= -27289.930
7.15
-4
-2
0
2
4
time

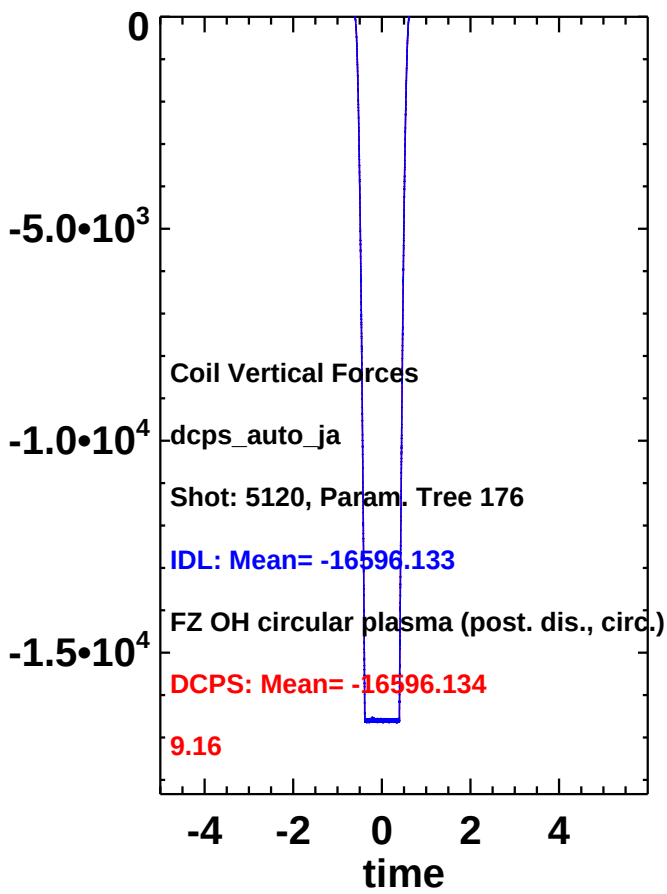

0
-1•10^4
-2•10^4
-3•10^4
Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -21868.923
FZ PF1aL circular plasma (normal, shaped)
DCPS: Mean= -21868.921
8.15
-4
-2
0
2
4
time

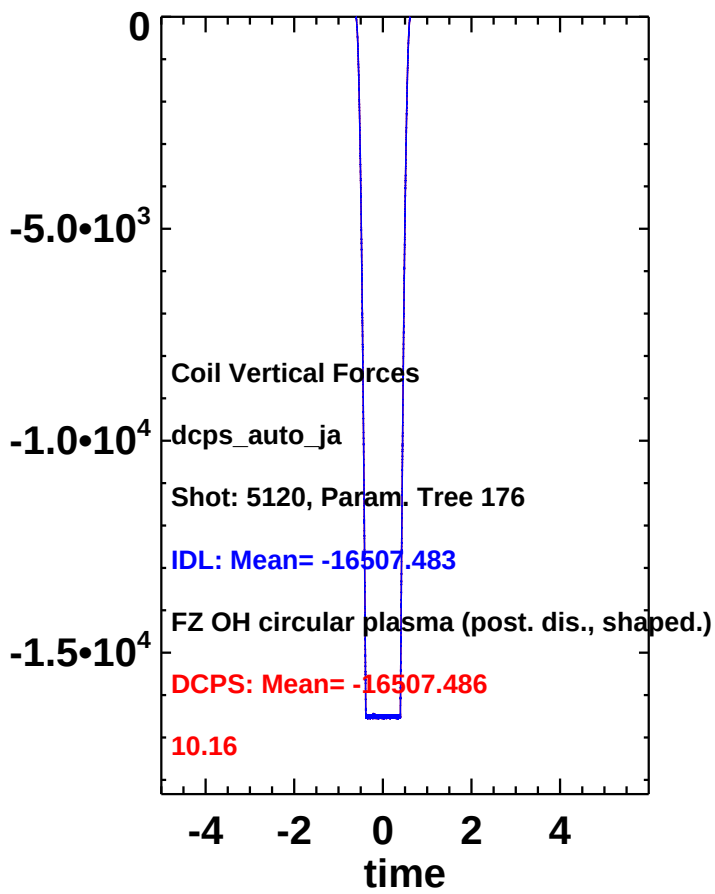

0
-1•10^4
-2•10^4
-3•10^4
Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -29484.892
FZ PF1aL circular plasma (post. dis., circ.)
DCPS: Mean= -29484.889
9.15
-4
-2
0
2
4
time

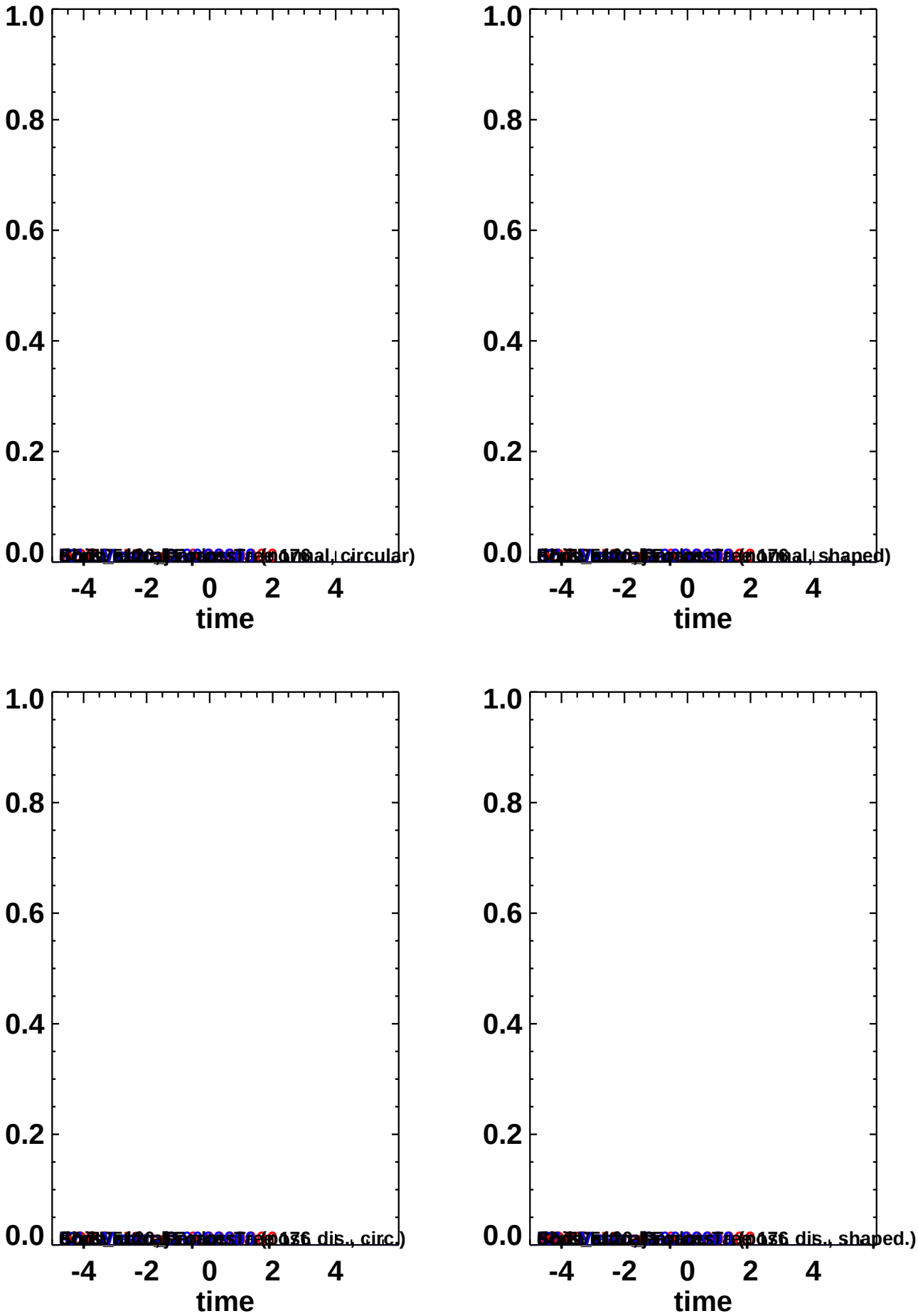

0
-1•10^4
-2•10^4
-3•10^4
Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -32096.091
FZ PF1aL circular plasma (post. dis., shaped.)
DCPS: Mean= -32096.089
10.15
-4
-2
0
2
4
time


0
-5.0•10^3
-1.0•10^4
-1.5•10^4
Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -15712.513
FZ OH circular plasma (normal, circular)
DCPS: Mean= -15712.514
7.16
-4
-2
0
2
4
time


0
-5.0•10^3
-1.0•10^4
-1.5•10^4
Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -15711.596
FZ OH circular plasma (normal, shaped)
DCPS: Mean= -15711.598
8.16
-4
-2
0
2
4
time


0
-5.0•10^3
-1.0•10^4
-1.5•10^4
Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -16596.133
FZ OH circular plasma (post. dis., circ.)
DCPS: Mean= -16596.134
9.16
-4
-2
0
2
4
time


0
-5.0•10^3
-1.0•10^4
-1.5•10^4
Coil Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -16507.483
FZ OH circular plasma (post. dis., shaped.)
DCPS: Mean= -16507.486
10.16
-4
-2
0
2
4
time


1.0
0.8
0.6
0.4
0.2
0.0
-4
-2
0
2
4
time
(normal, circular)
(normal, shaped)
(p036 dis., circ.)
(p036 dis., shaped.)