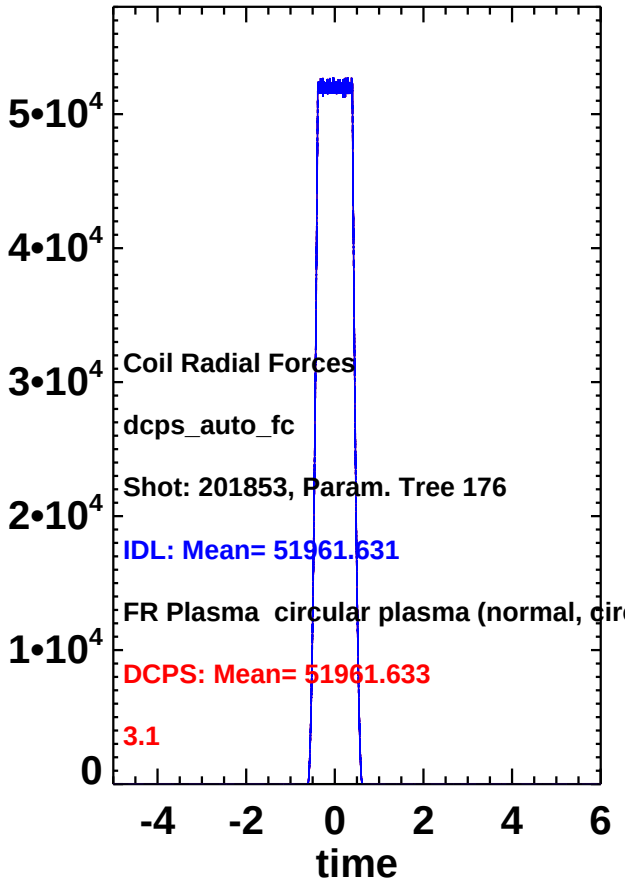
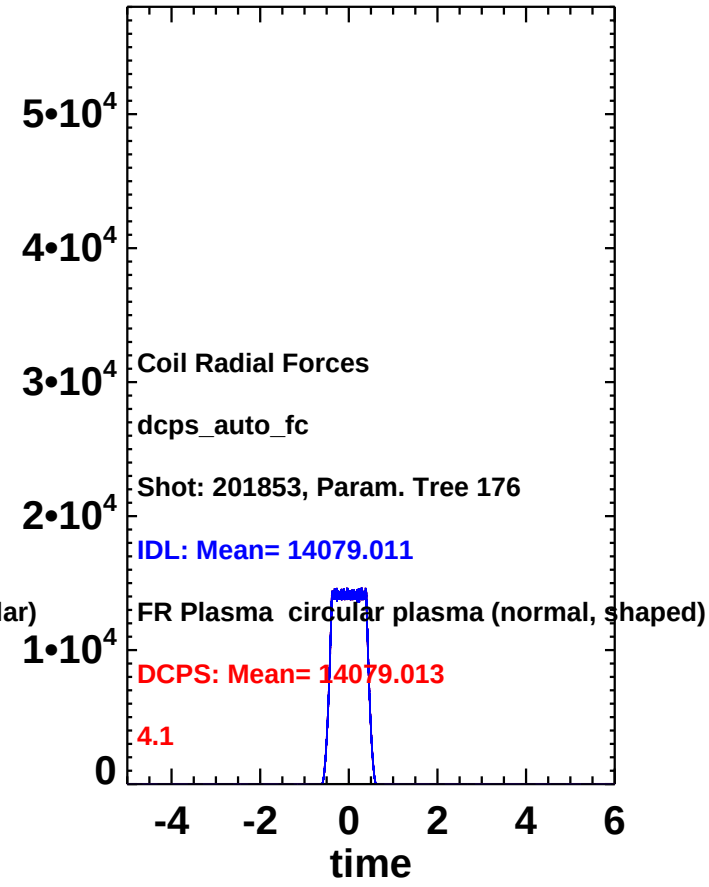
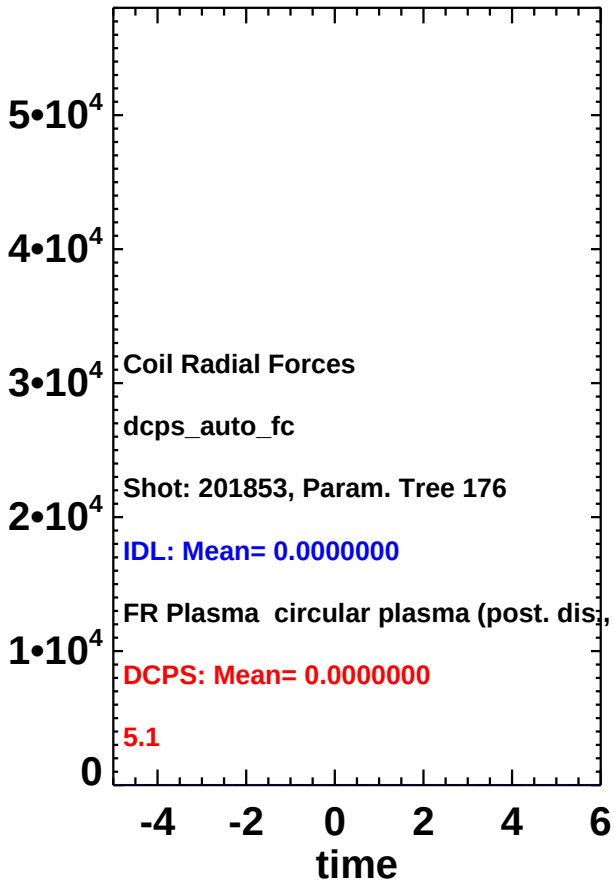
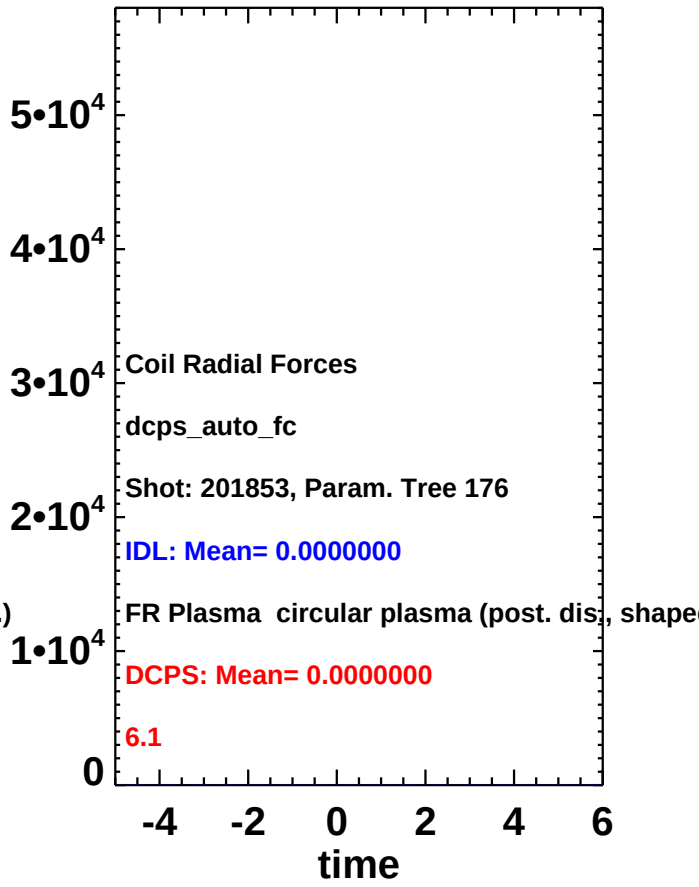
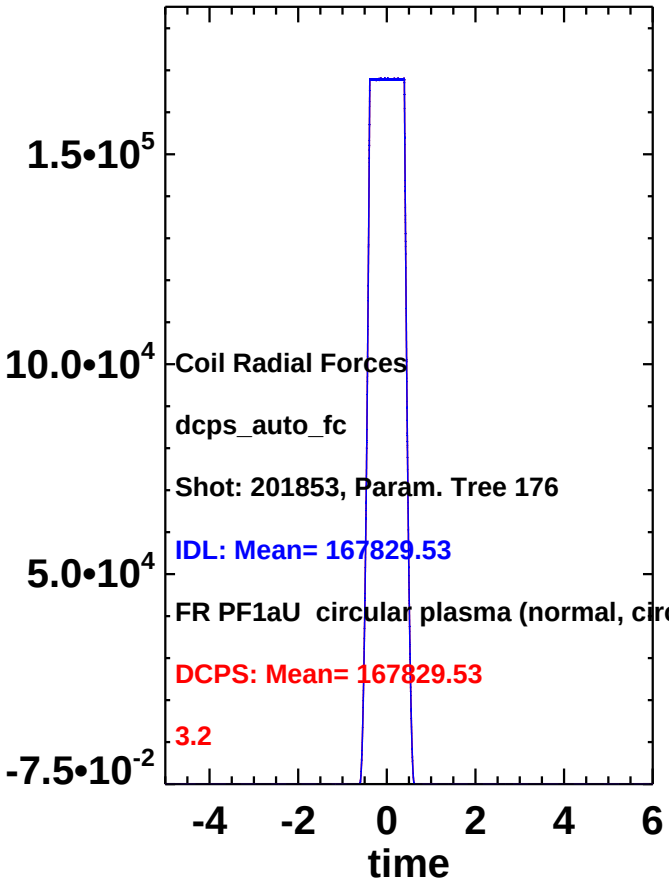
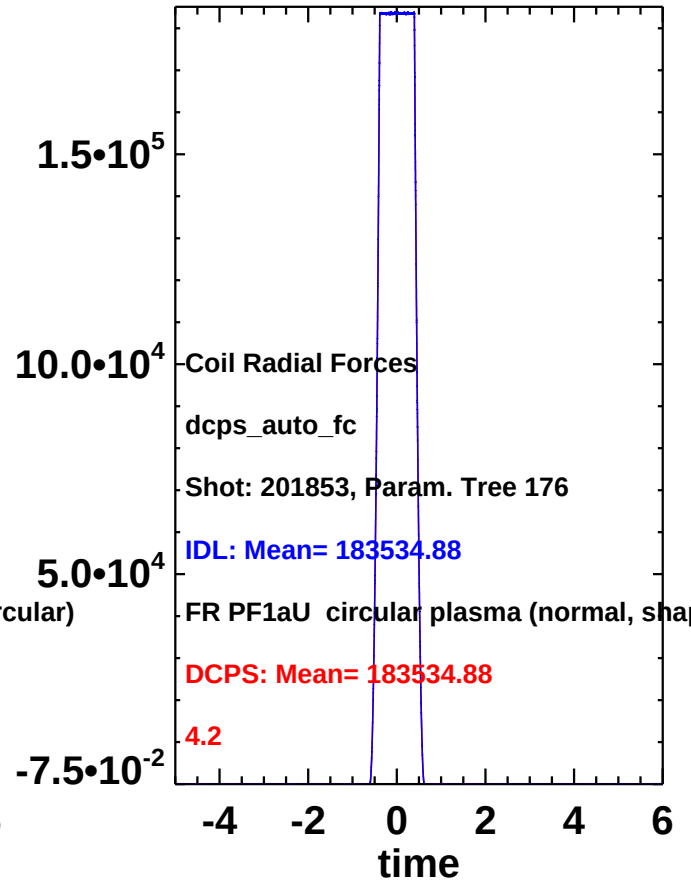

Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 51961.631
FR Plasma circular plasma (normal, circular)
DCPS: Mean= 51961.633
3.1
5•10^4
4•10^4
3•10^4
2•10^4
1•10^4
0
-4
-2
0
2
4
6
time

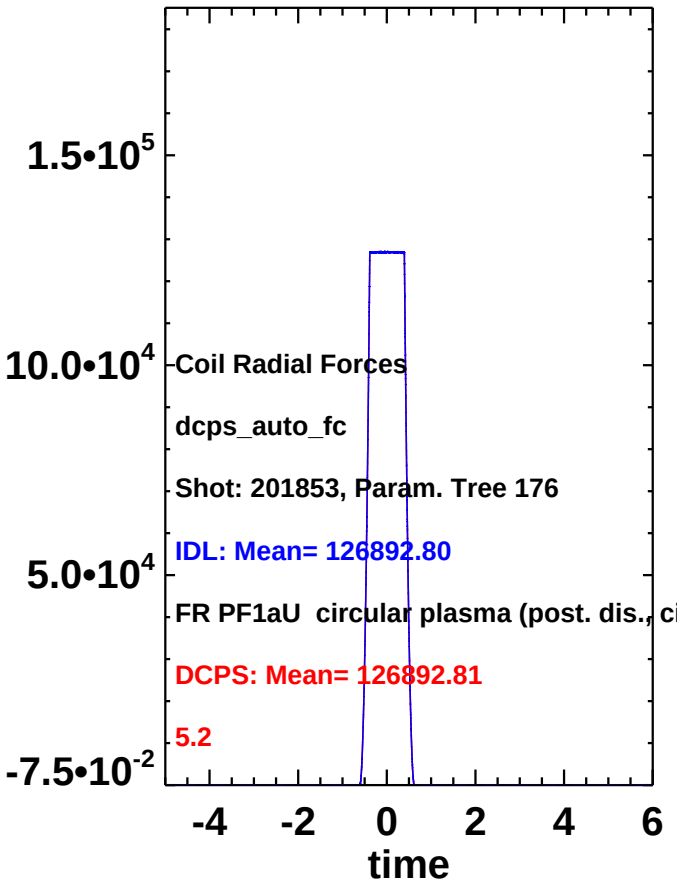

Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 14079.011
FR Plasma circular plasma (normal, shaped)
DCPS: Mean= 14079.013
4.1
5•10^4
4•10^4
3•10^4
2•10^4
1•10^4
0
-4
-2
0
2
4
6
time

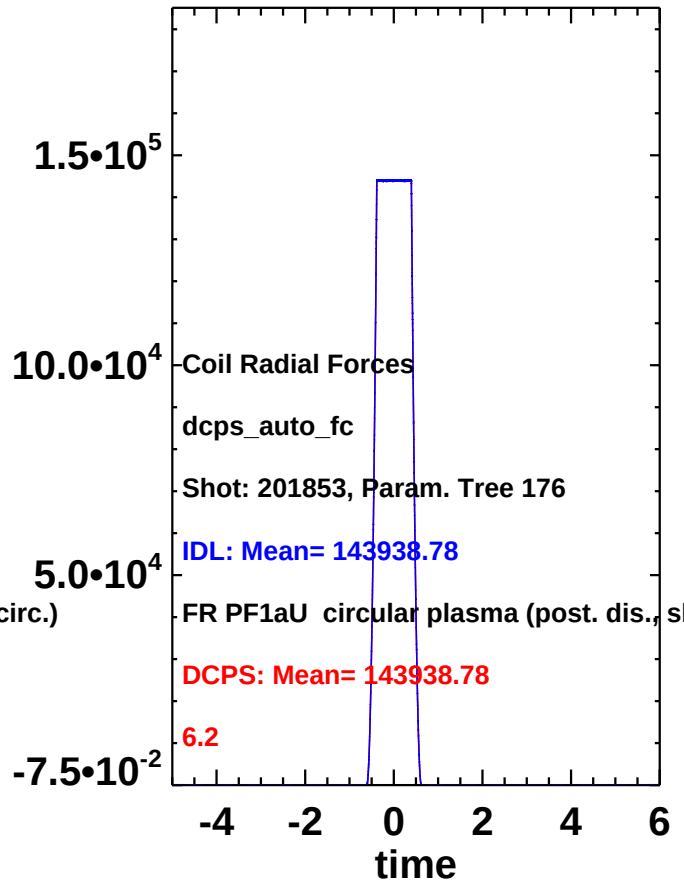

Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 0.0000000
FR Plasma circular plasma (post. dis., circ.)
DCPS: Mean= 0.0000000
5.1
5•10^4
4•10^4
3•10^4
2•10^4
1•10^4
0
-4
-2
0
2
4
6
time

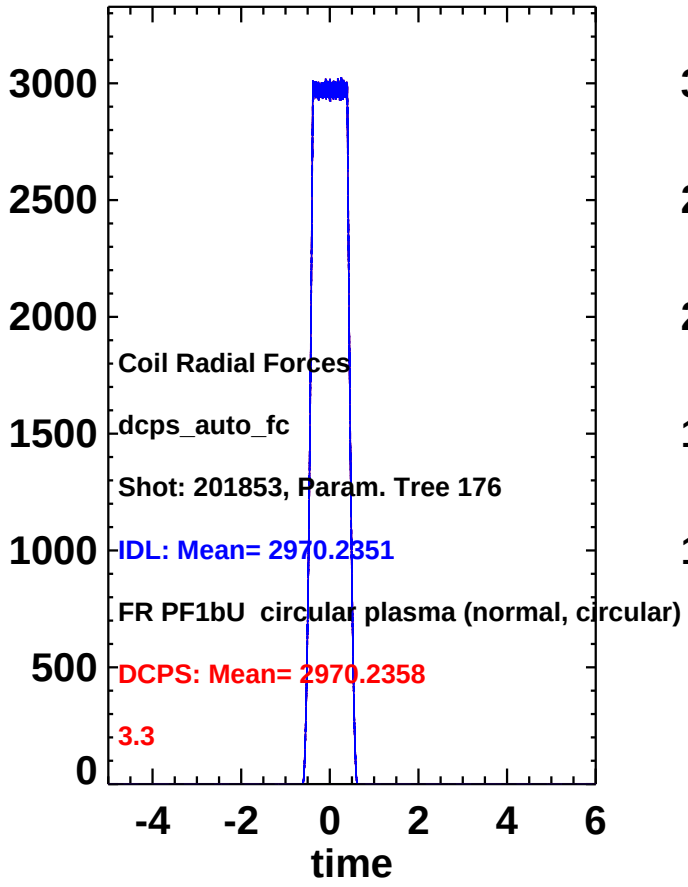

Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 0.0000000
FR Plasma circular plasma (post. dis., shaped
DCPS: Mean= 0.0000000
6.1
5•10^4
4•10^4
3•10^4
2•10^4
1•10^4
0
-4
-2
0
2
4
6
time

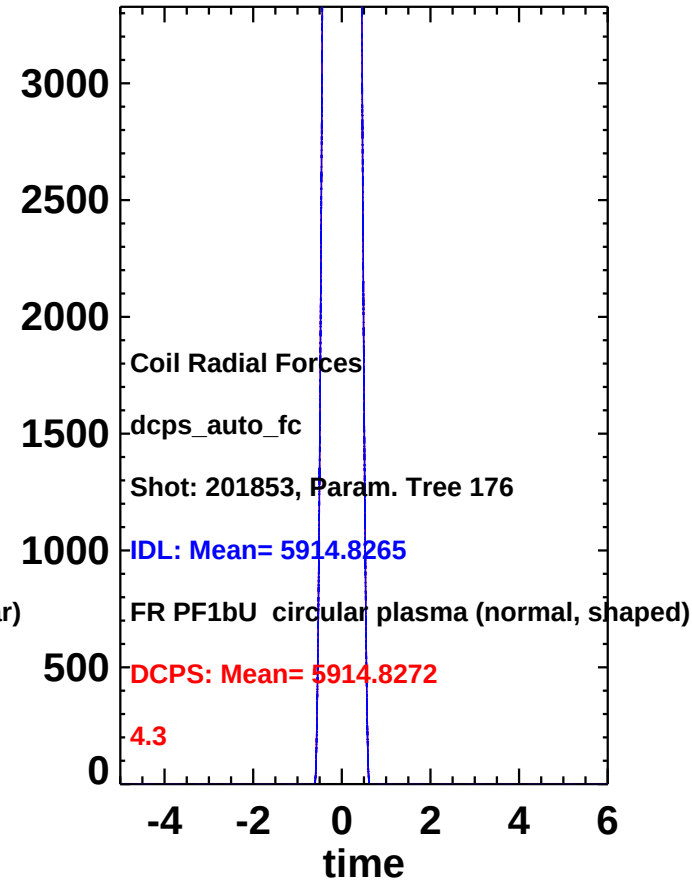

1.5•10^5
10.0•10^4
5.0•10^4
-7.5•10^-2
Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 167829.53
FR PF1aU circular plasma (normal, circular)
DCPS: Mean= 167829.53
3.2
-4 -2 0 2 4 6
time

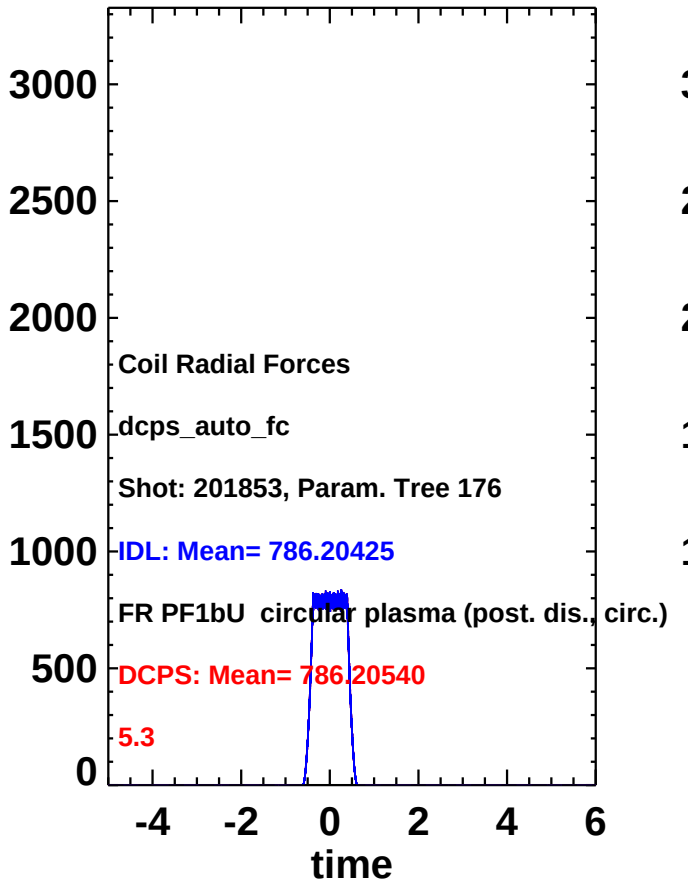

1.5•10^5
10.0•10^4
5.0•10^4
-7.5•10^-2
Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 183534.88
FR PF1aU circular plasma (normal, shaped)
DCPS: Mean= 183534.88
4.2
-4 -2 0 2 4 6
time

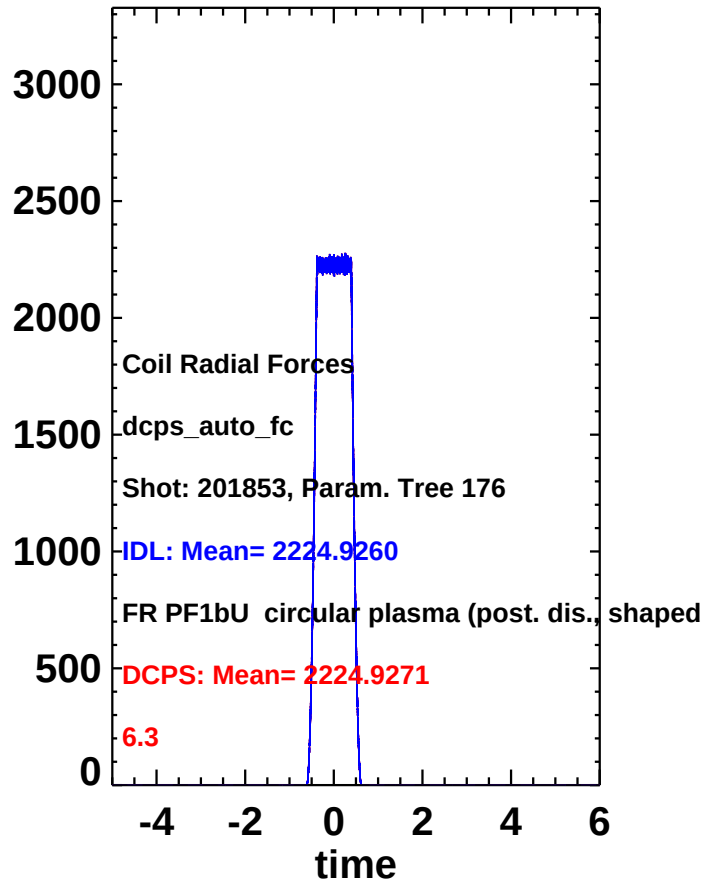

1.5•10^5
10.0•10^4
5.0•10^4
-7.5•10^-2
Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 126892.80
FR PF1aU circular plasma (post. dis., circ.)
DCPS: Mean= 126892.81
5.2
-4 -2 0 2 4 6
time

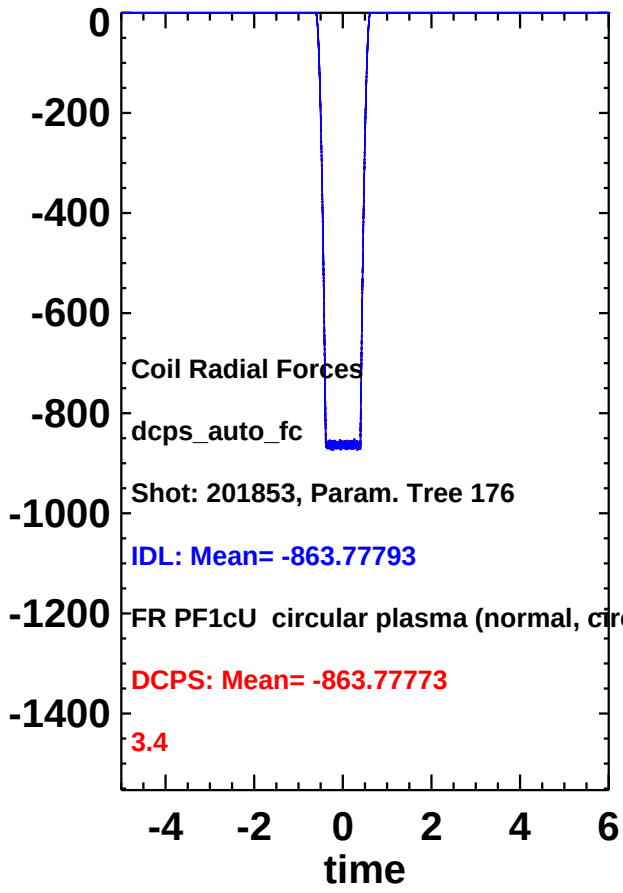

1.5•10^5
10.0•10^4
5.0•10^4
-7.5•10^-2
Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 143938.78
FR PF1aU circular plasma (post. dis., shaped
DCPS: Mean= 143938.78
6.2
-4 -2 0 2 4 6
time

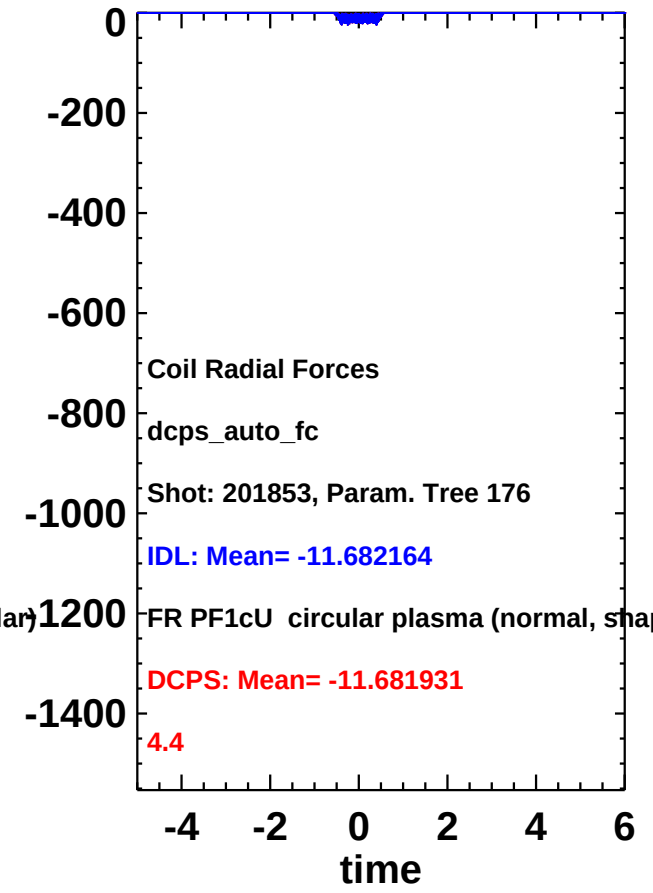

Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 2970.2351
FR PF1bU circular plasma (normal, circular)
DCPS: Mean= 2970.2358
3.3
time

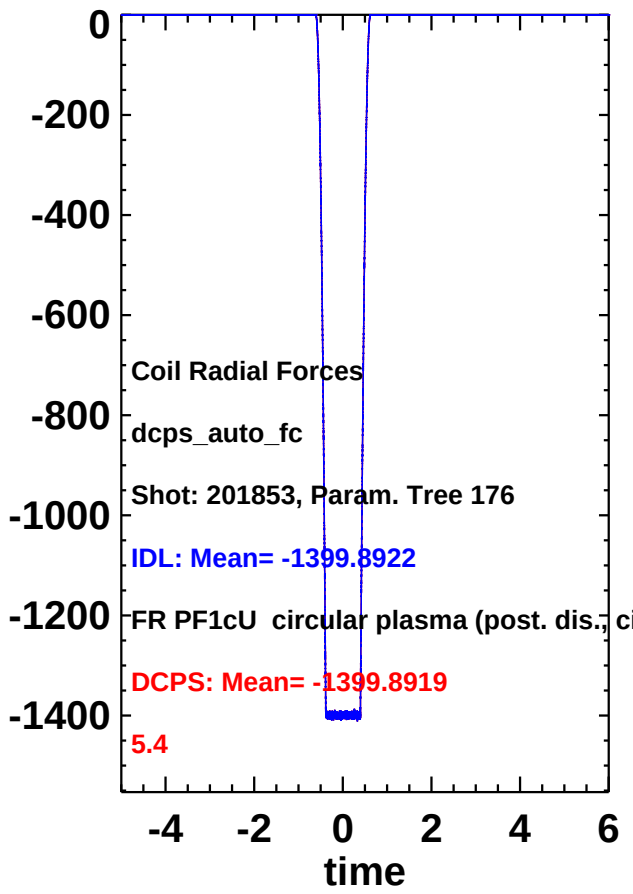

Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 5914.8265
FR PF1bU circular plasma (normal, shaped)
DCPS: Mean= 5914.8272
4.3
time

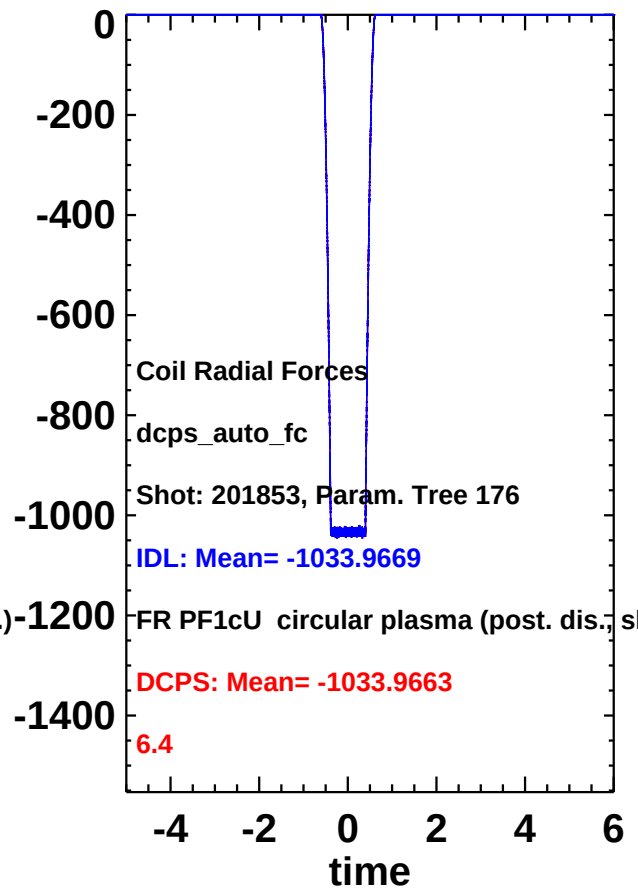

Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 786.20425
FR PF1bU circular plasma (post. dis., circ.)
DCPS: Mean= 786.20540
5.3
time

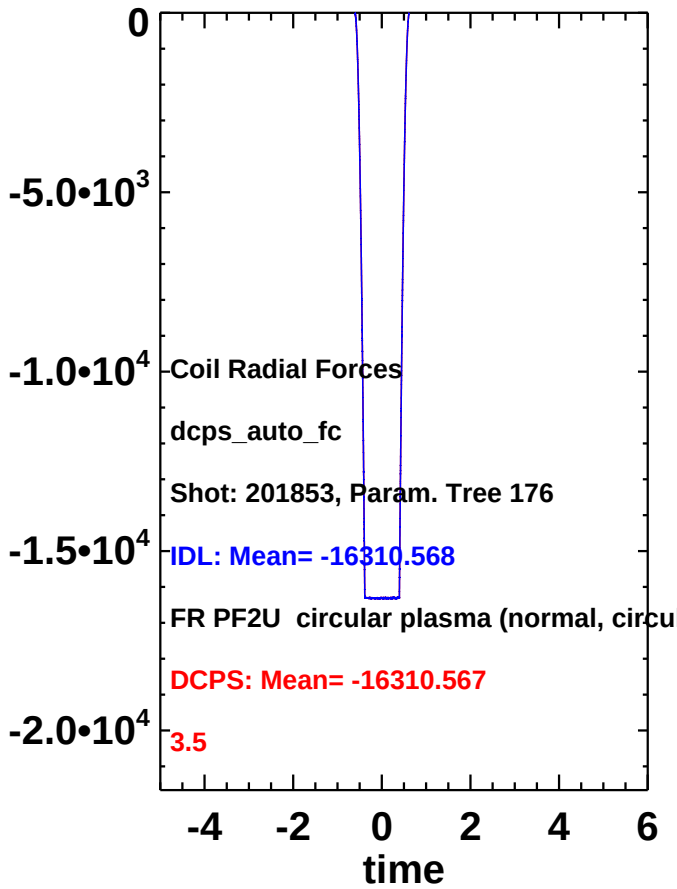

Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 2224.9260
FR PF1bU circular plasma (post. dis., shaped
DCPS: Mean= 2224.9271
6.3
time

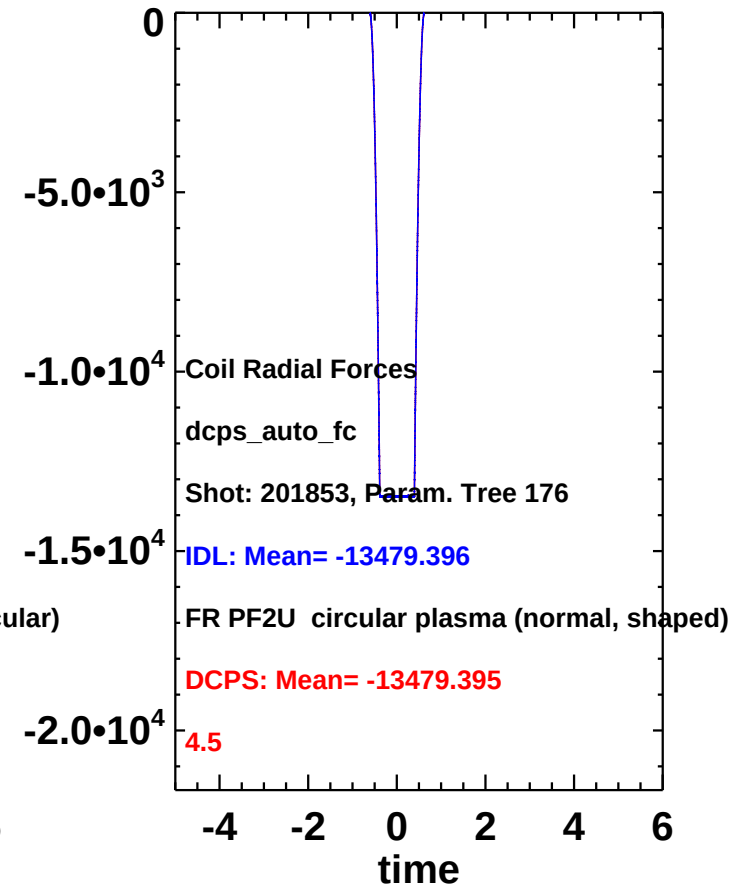

Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -863.77793
FR PF1cU circular plasma (normal, circular)
DCPS: Mean= -863.77773
3.4
time

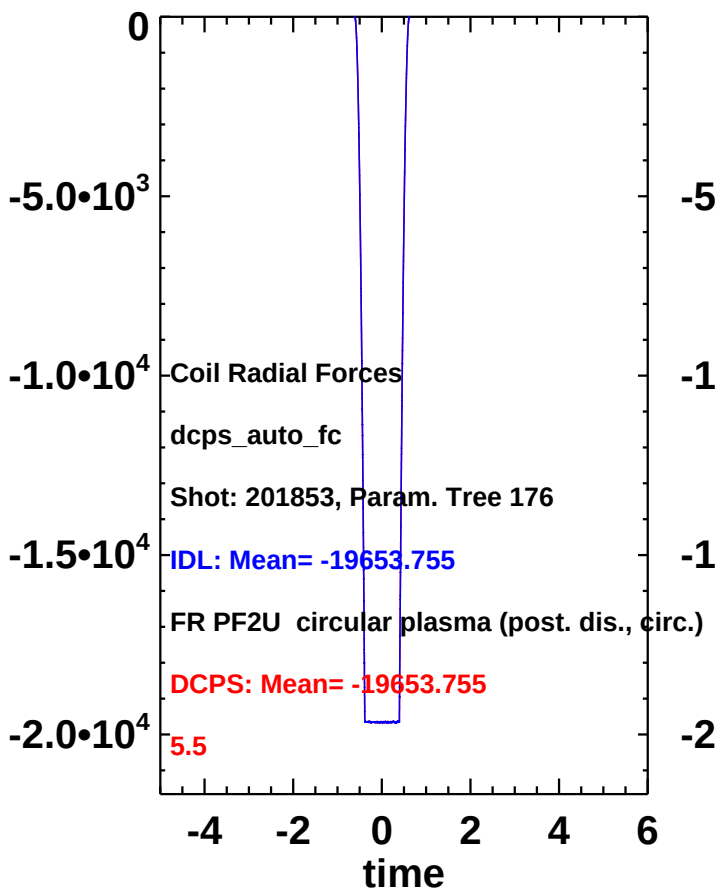

Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -11.682164
FR PF1cU circular plasma (normal, shaped)
DCPS: Mean= -11.681931
4.4
time

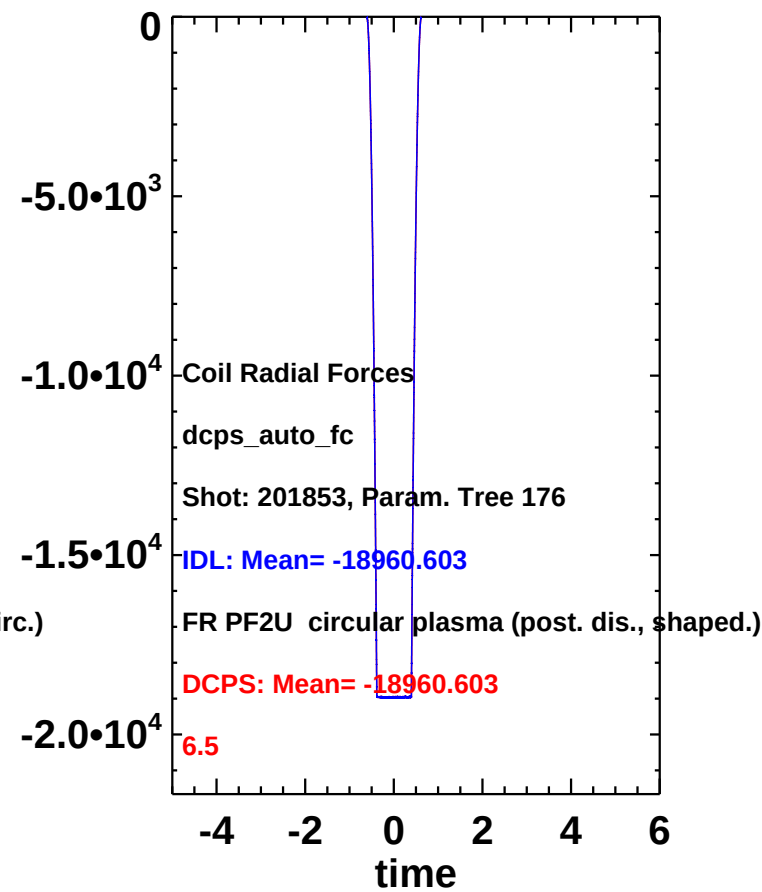

Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -1399.8922
FR PF1cU circular plasma (post. dis., circ.)
DCPS: Mean= -1399.8919
5.4
time

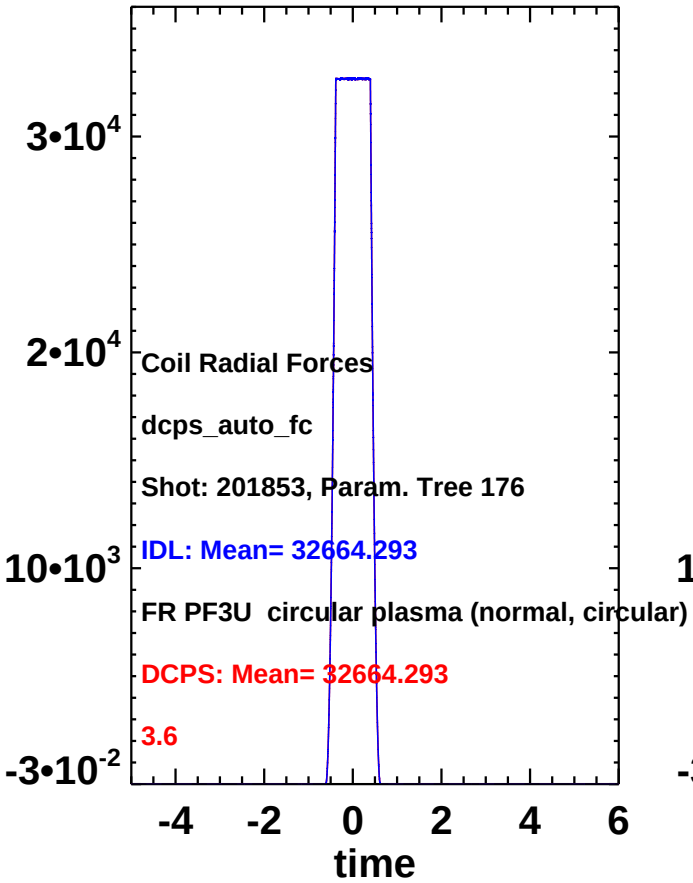

Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -1033.9669
FR PF1cU circular plasma (post. dis., shaped
DCPS: Mean= -1033.9663
6.4
time

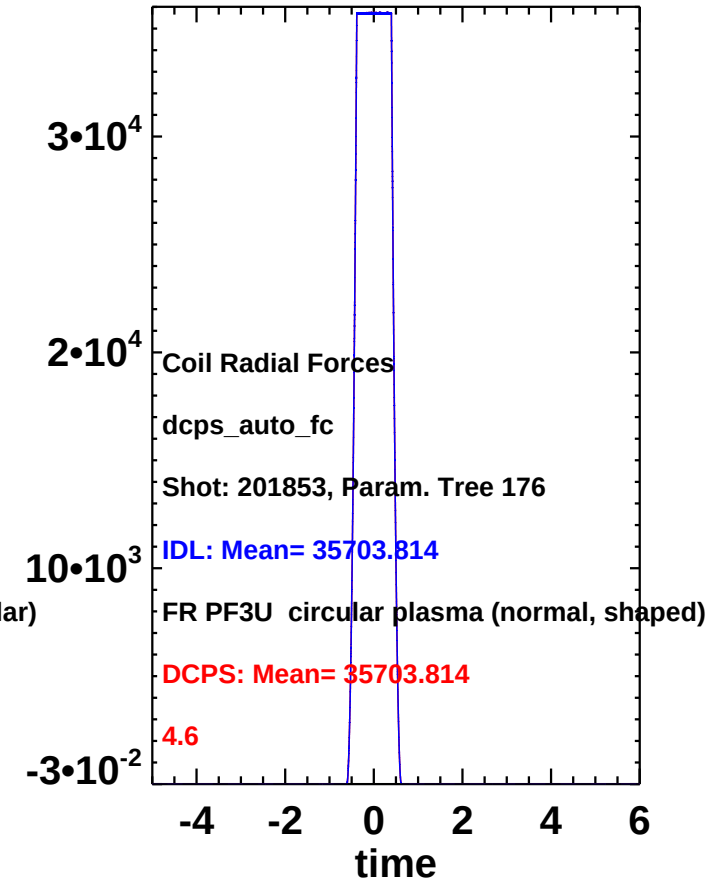

0
-5.0•10^3
-1.0•10^4
-1.5•10^4
-2.0•10^4
Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -16310.568
FR PF2U circular plasma (normal, circular)
DCPS: Mean= -16310.567
3.5
-4 -2 0 2 4 6
time

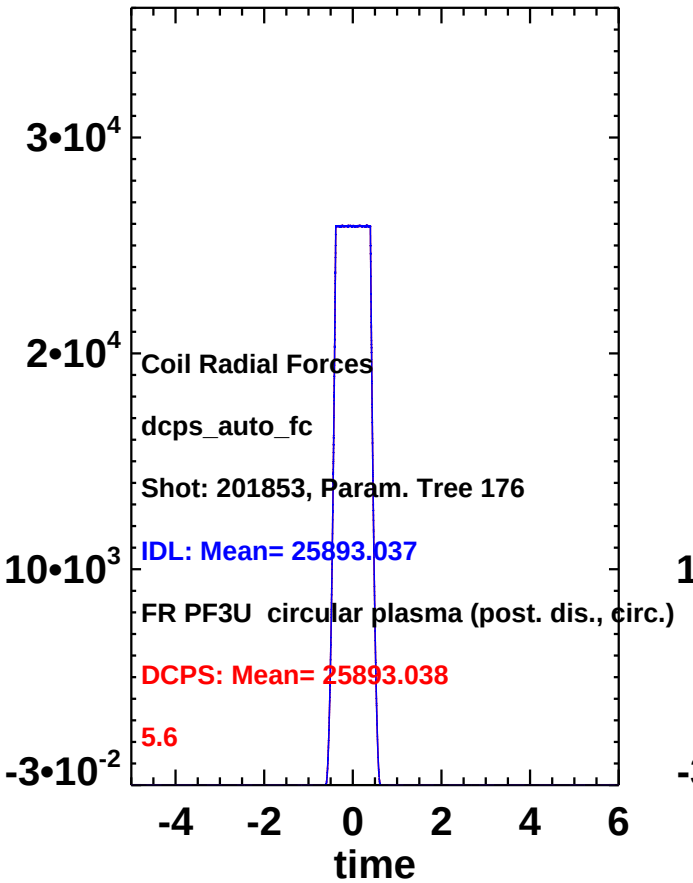

0
-5.0•10^3
-1.0•10^4
-1.5•10^4
-2.0•10^4
Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -13479.396
FR PF2U circular plasma (normal, shaped)
DCPS: Mean= -13479.395
4.5
-4 -2 0 2 4 6
time

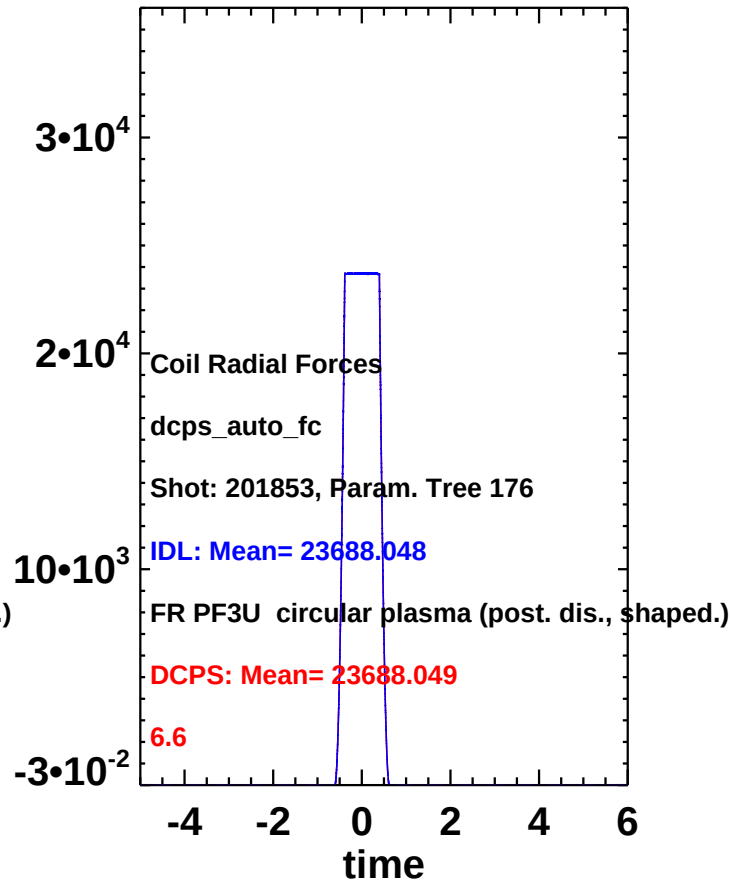

0
-5.0•10^3
-1.0•10^4
-1.5•10^4
-2.0•10^4
Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -19653.755
FR PF2U circular plasma (post. dis., circ.)
DCPS: Mean= -19653.755
5.5
-4 -2 0 2 4 6
time

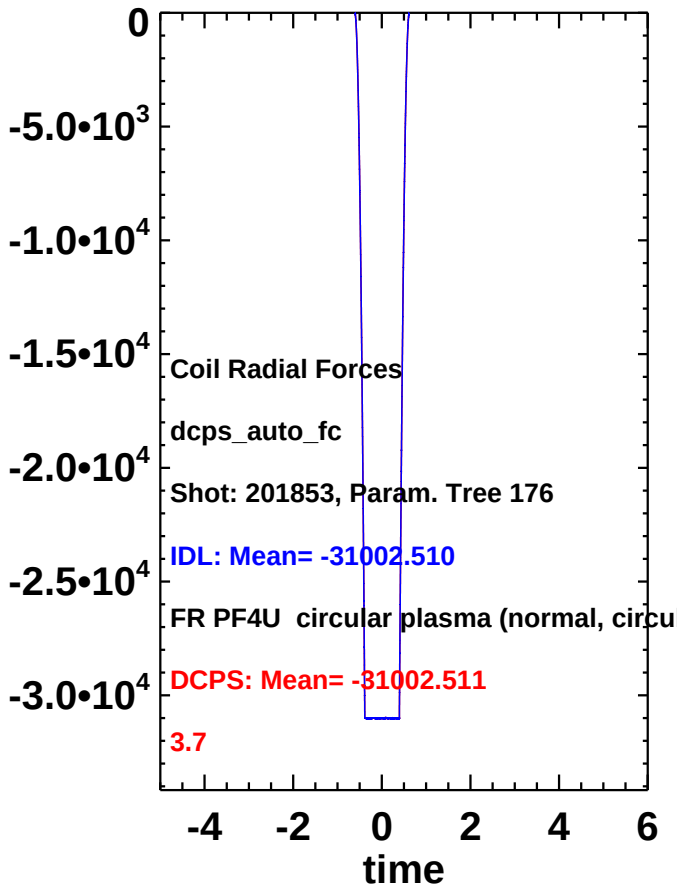

0
-5.0•10^3
-1.0•10^4
-1.5•10^4
-2.0•10^4
Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -18960.603
FR PF2U circular plasma (post. dis., shaped.)
DCPS: Mean= -18960.603
6.5
-4 -2 0 2 4 6
time

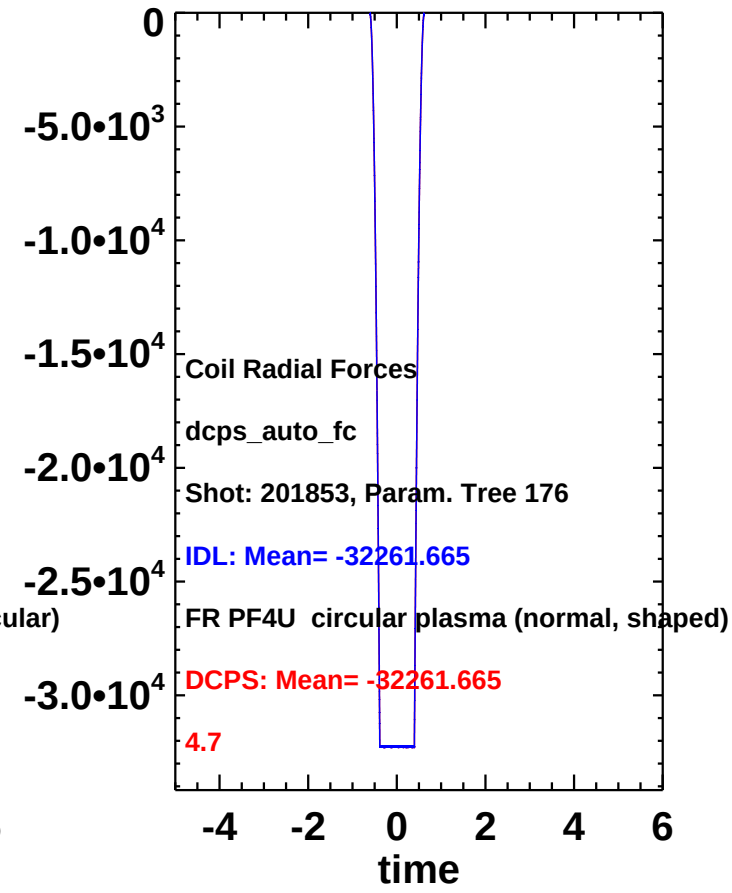

Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 32664.293
FR PF3U circular plasma (normal, circular)
DCPS: Mean= 32664.293
3.6
3•10^4
2•10^4
10•10^3
-3•10^-2
-4 -2 0 2 4 6
time

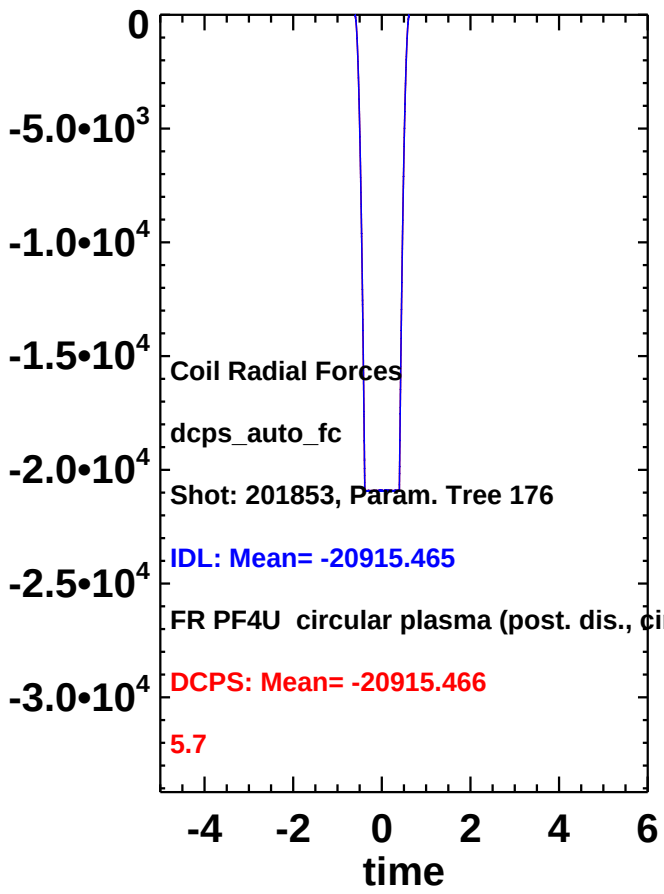

Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 35703.814
FR PF3U circular plasma (normal, shaped)
DCPS: Mean= 35703.814
4.6
3•10^4
2•10^4
10•10^3
-3•10^-2
-4 -2 0 2 4 6
time

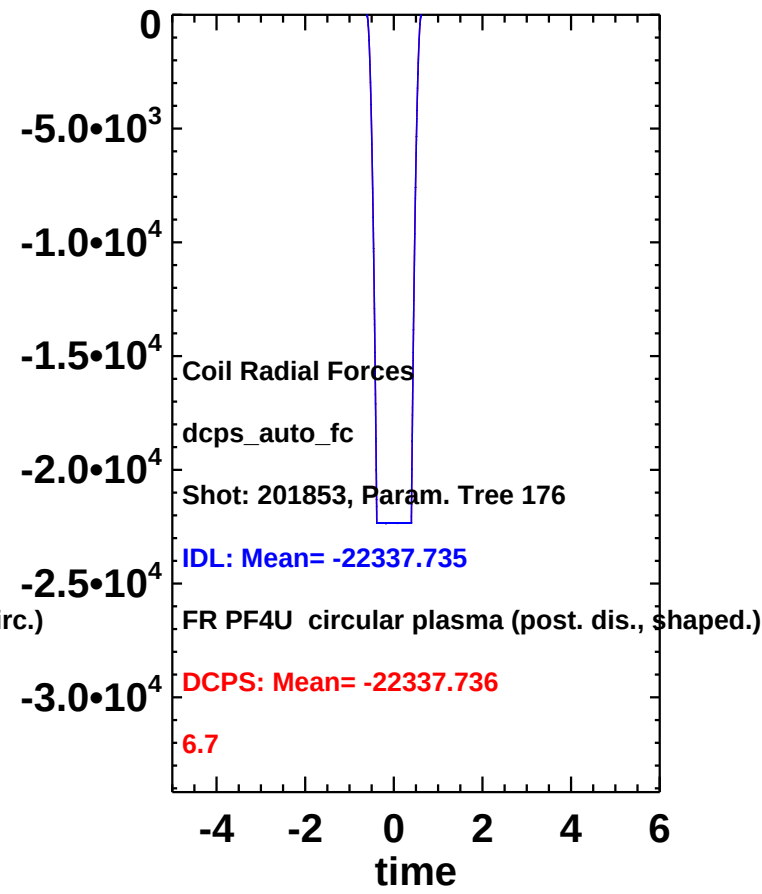

Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 25893.037
FR PF3U circular plasma (post. dis., circ.)
DCPS: Mean= 25893.038
5.6
3•10^4
2•10^4
10•10^3
-3•10^-2
-4 -2 0 2 4 6
time

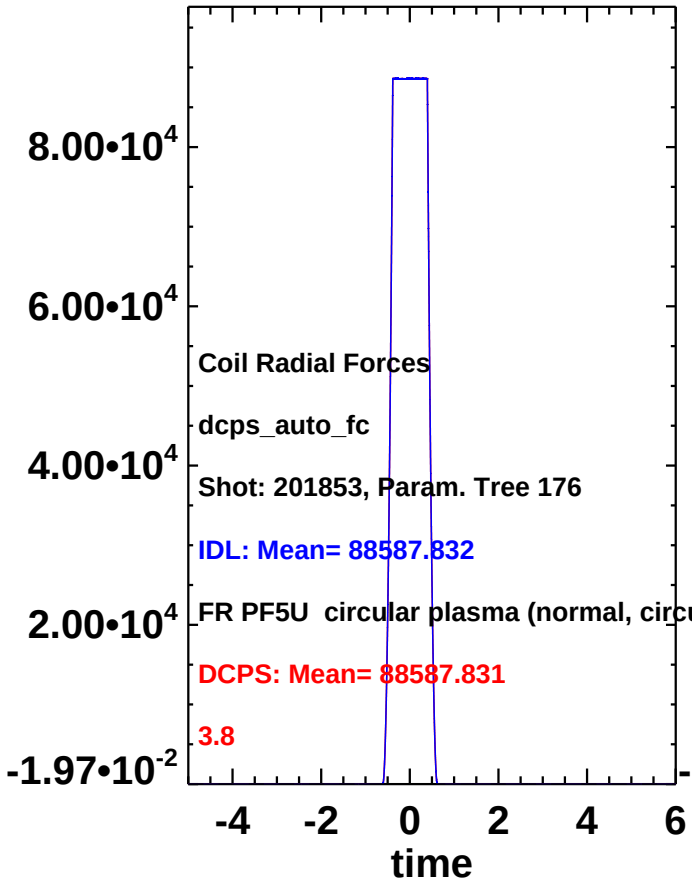

Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 23688.048
FR PF3U circular plasma (post. dis., shaped.)
DCPS: Mean= 23688.049
6.6
3•10^4
2•10^4
10•10^3
-3•10^-2
-4 -2 0 2 4 6
time

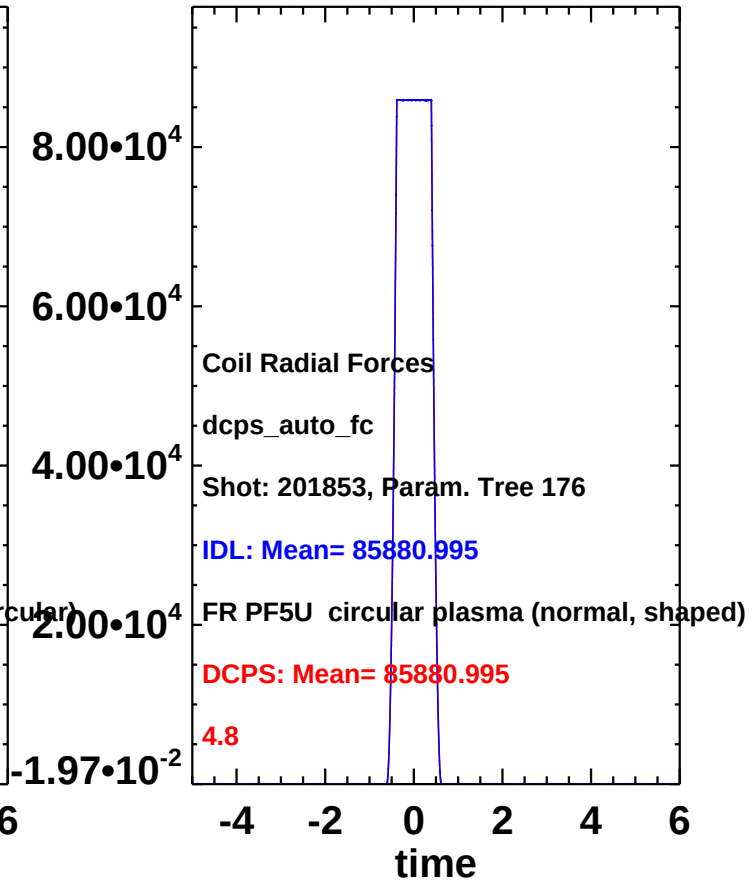

Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -31002.510
FR PF4U circular plasma (normal, circular)
DCPS: Mean= -31002.511
3.7
time

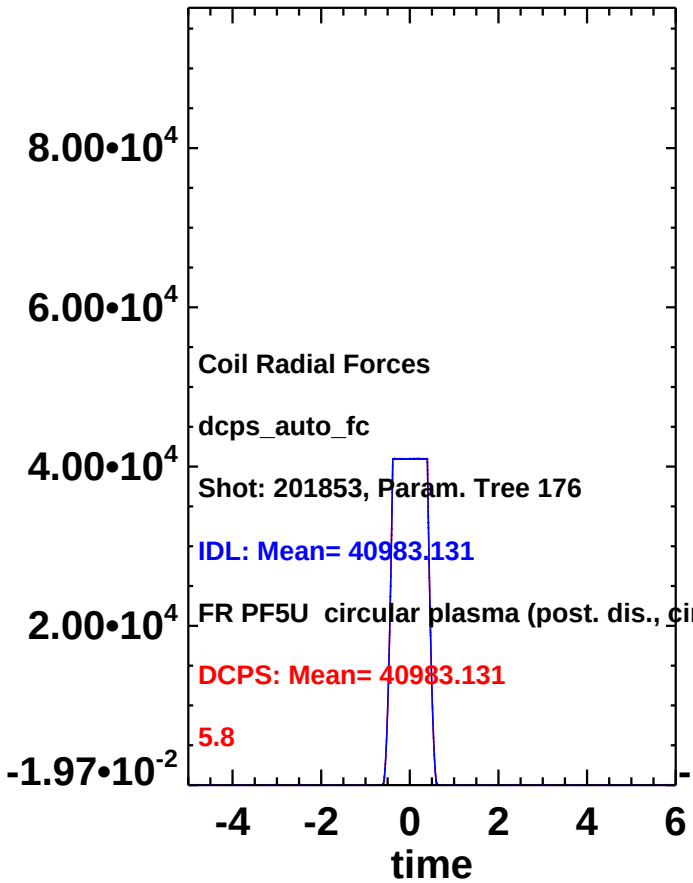

Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -32261.665
FR PF4U circular plasma (normal, shaped)
DCPS: Mean= -32261.665
4.7
time

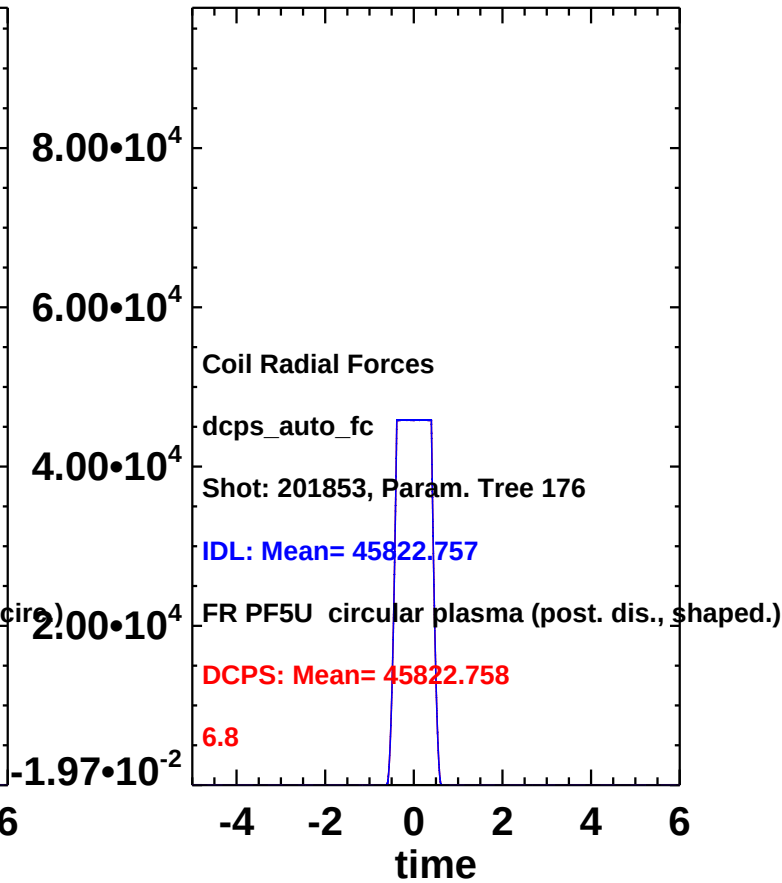

Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -20915.465
FR PF4U circular plasma (post. dis., circ.)
DCPS: Mean= -20915.466
5.7
time

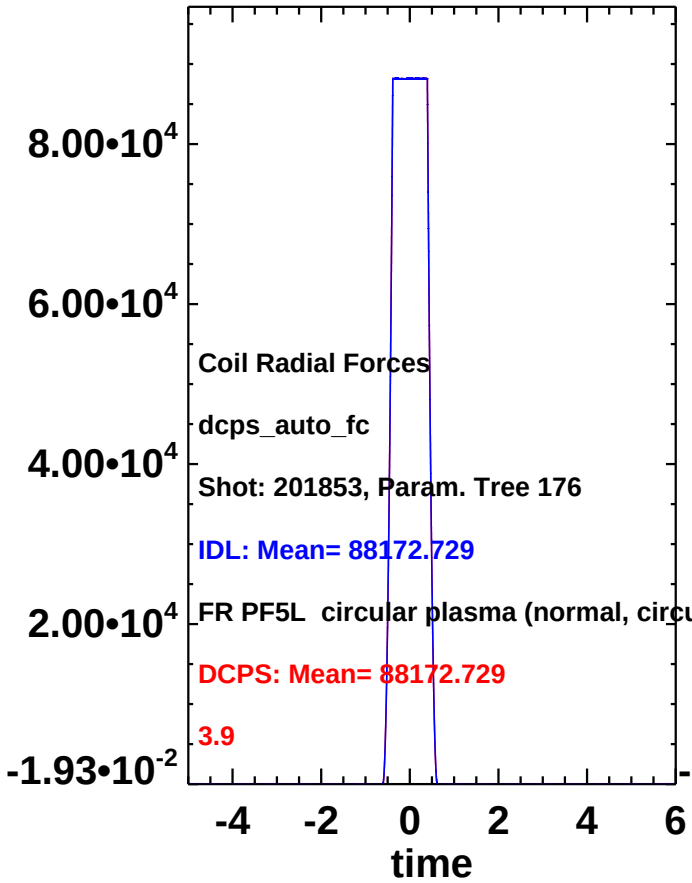

Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -22337.735
FR PF4U circular plasma (post. dis., shaped.)
DCPS: Mean= -22337.736
6.7
time

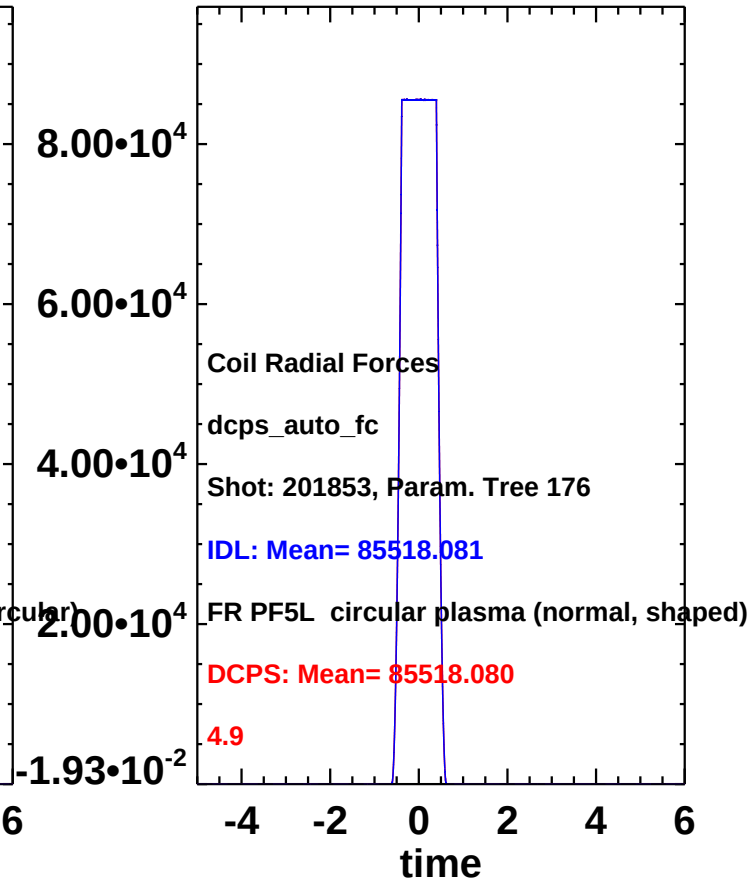

Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 88587.832
FR PF5U circular plasma (normal, circular)
DCPS: Mean= 88587.831
3.8
8.00•10^4
6.00•10^4
4.00•10^4
2.00•10^4
-1.97•10^-2
-4 -2 0 2 4 6
time

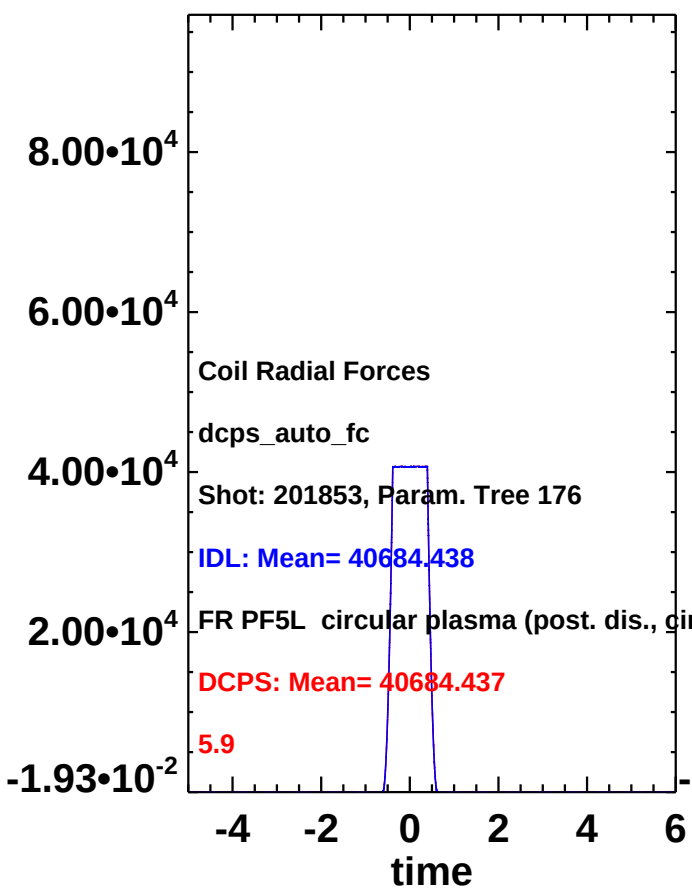

Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 85880.995
FR PF5U circular plasma (normal, shaped)
DCPS: Mean= 85880.995
4.8
8.00•10^4
6.00•10^4
4.00•10^4
2.00•10^4
-1.97•10^-2
-4 -2 0 2 4 6
time

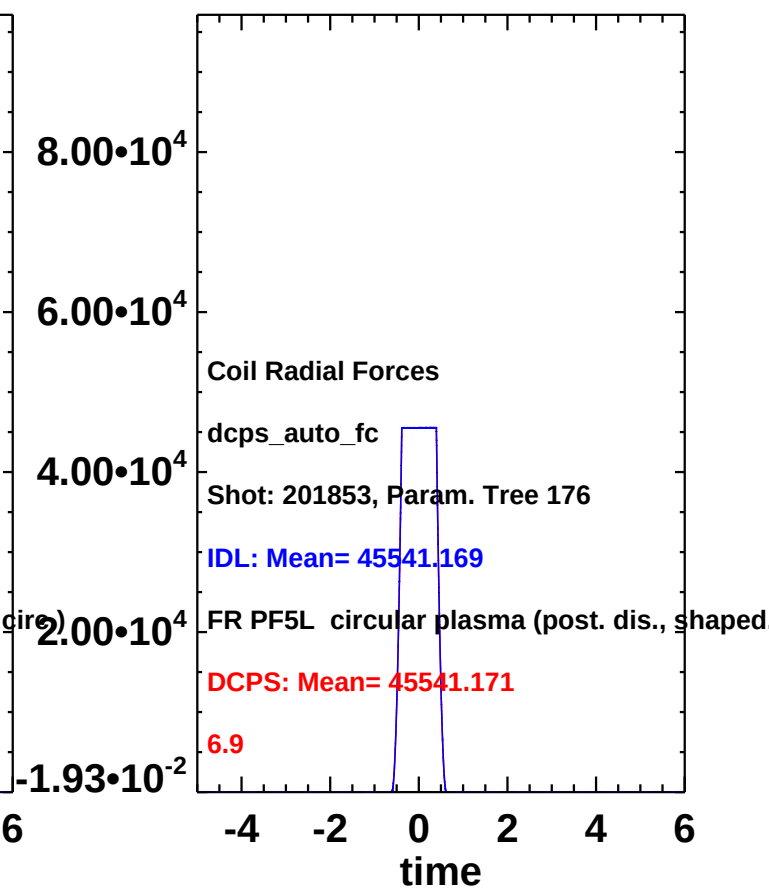

Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 40983.131
FR PF5U circular plasma (post. dis., circ.)
DCPS: Mean= 40983.131
5.8
8.00•10^4
6.00•10^4
4.00•10^4
2.00•10^4
-1.97•10^-2
-4 -2 0 2 4 6
time

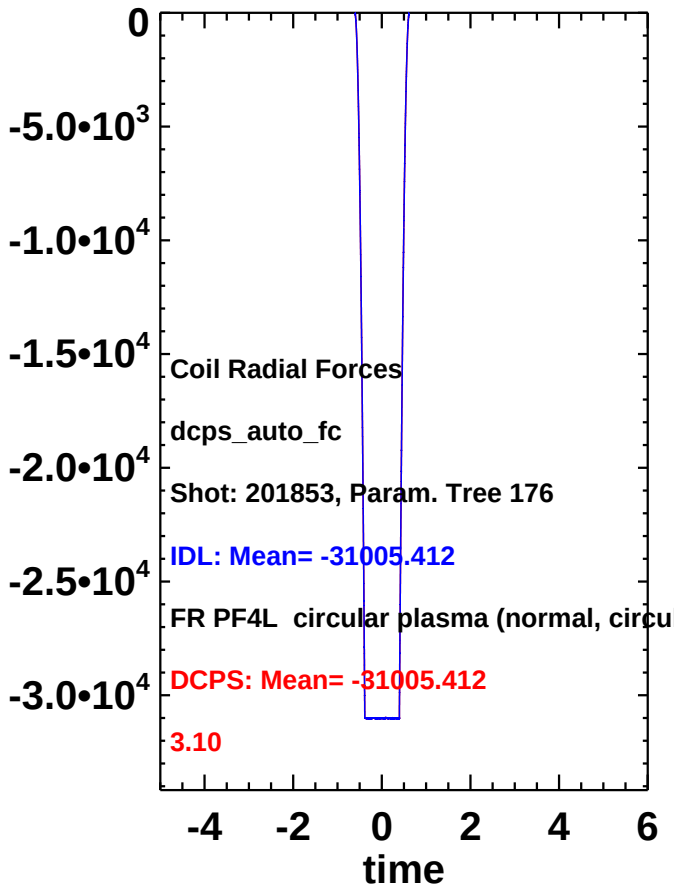

Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 45822.757
FR PF5U circular plasma (post. dis., shaped.)
DCPS: Mean= 45822.758
6.8
8.00•10^4
6.00•10^4
4.00•10^4
2.00•10^4
-1.97•10^-2
-4 -2 0 2 4 6
time

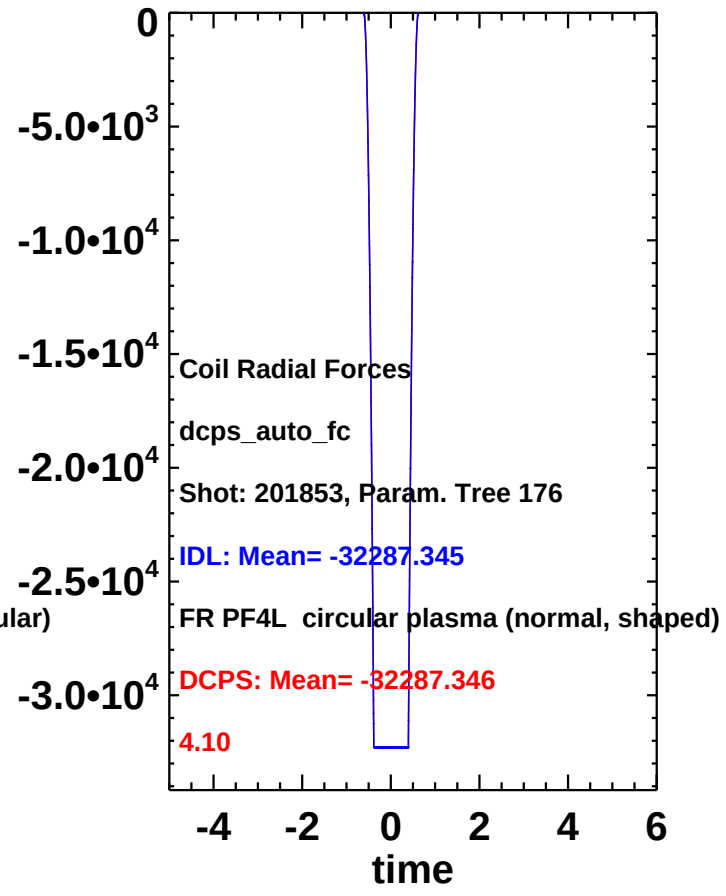

Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 88172.729
FR PF5L circular plasma (normal, circular)
DCPS: Mean= 88172.729
3.9
8.00•10^4
6.00•10^4
4.00•10^4
2.00•10^4
-1.93•10^-2
-4 -2 0 2 4 6
time

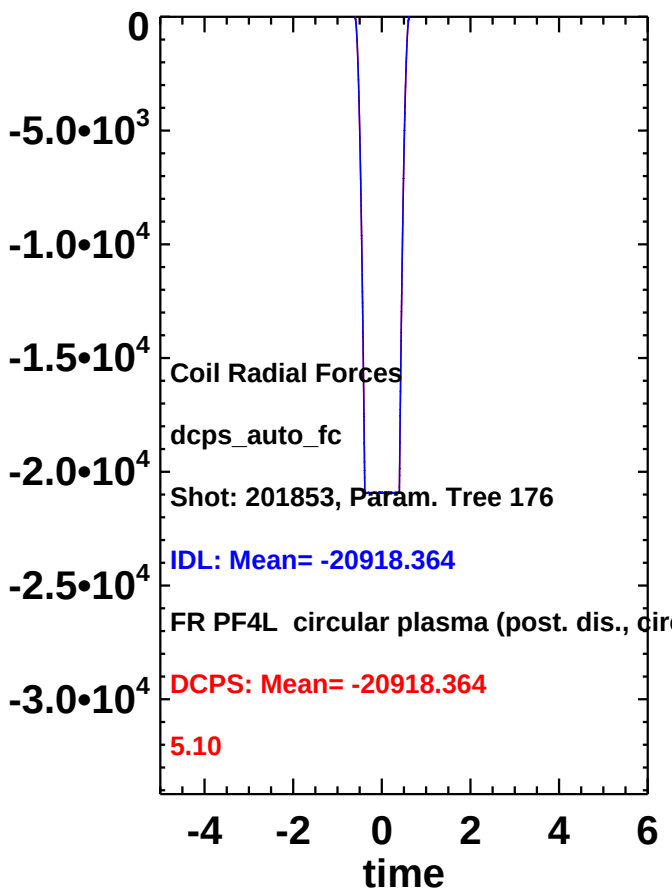

Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 85518.081
FR PF5L circular plasma (normal, shaped)
DCPS: Mean= 85518.080
4.9
8.00•10^4
6.00•10^4
4.00•10^4
2.00•10^4
-1.93•10^-2
-4 -2 0 2 4 6
time

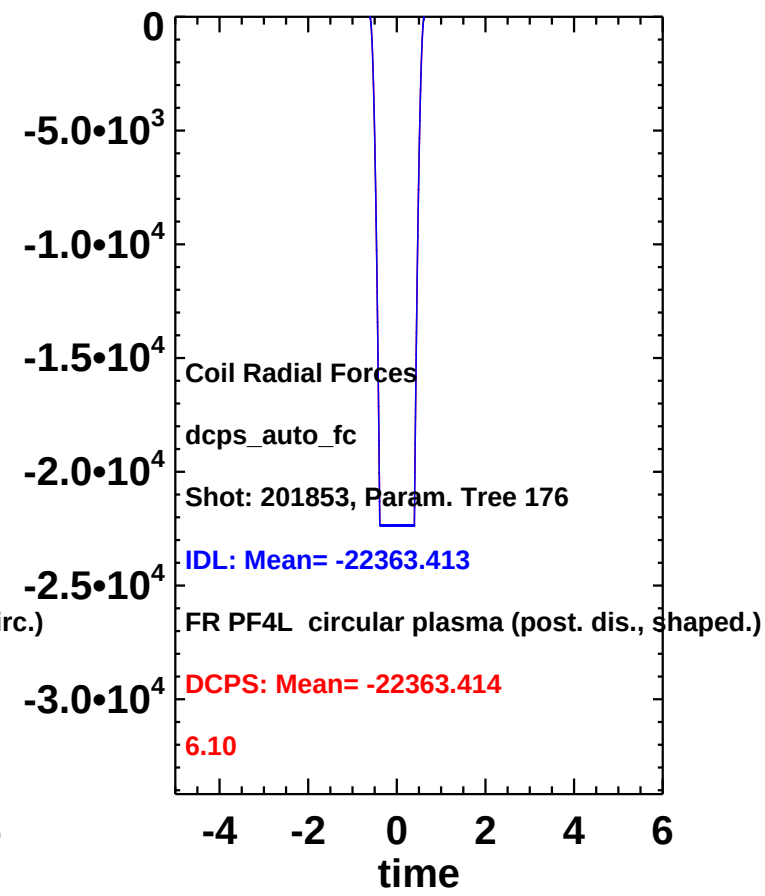

Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 40684.438
FR PF5L circular plasma (post. dis., circ.)
DCPS: Mean= 40684.437
5.9
8.00•10^4
6.00•10^4
4.00•10^4
2.00•10^4
-1.93•10^-2
-4 -2 0 2 4 6
time

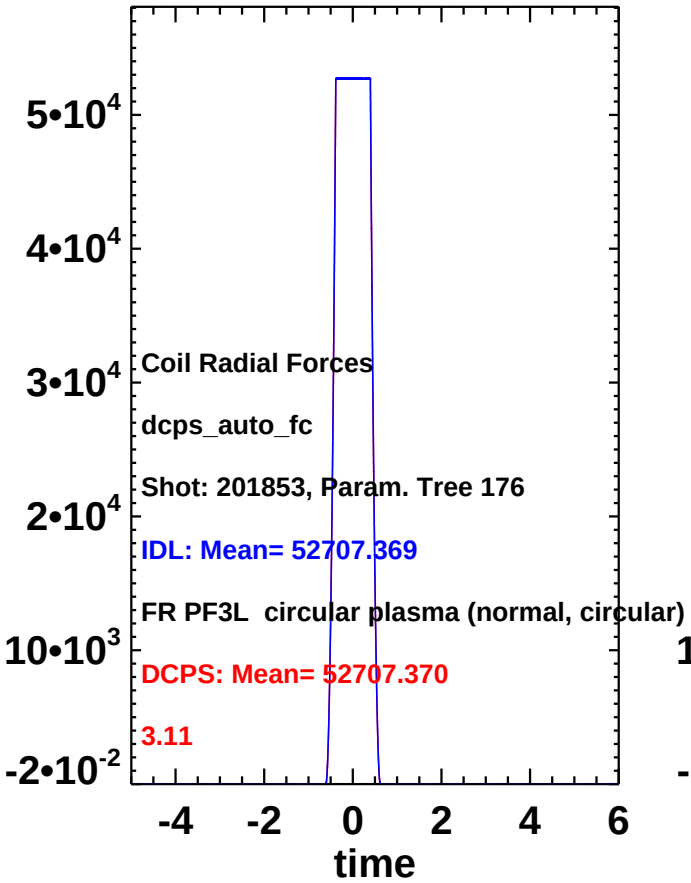

Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 45541.169
FR PF5L circular plasma (post. dis., shaped.)
DCPS: Mean= 45541.171
6.9
8.00•10^4
6.00•10^4
4.00•10^4
2.00•10^4
-1.93•10^-2
-4 -2 0 2 4 6
time

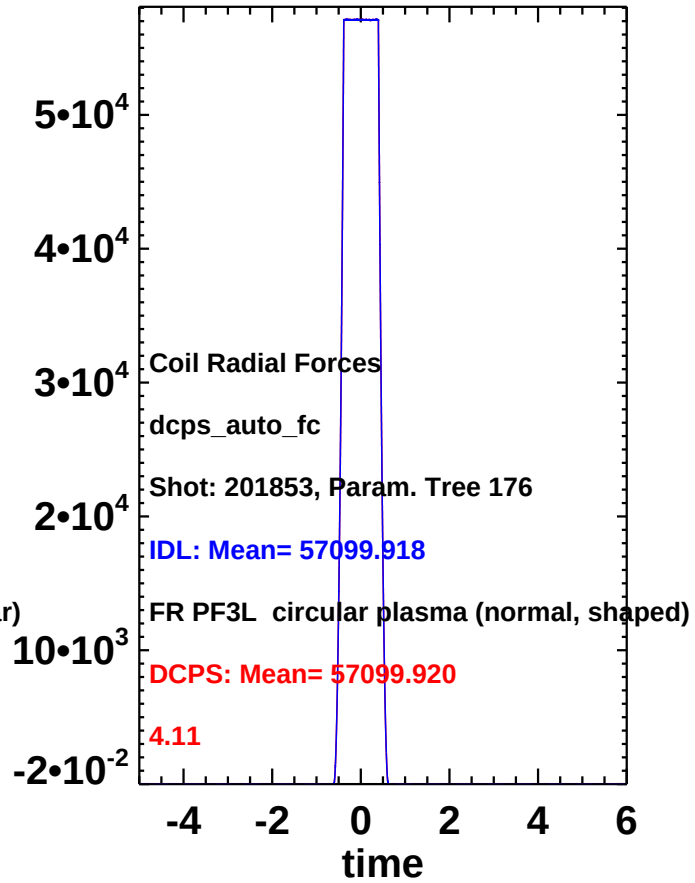

Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -31005.412
FR PF4L circular plasma (normal, circular)
DCPS: Mean= -31005.412
3.10
time

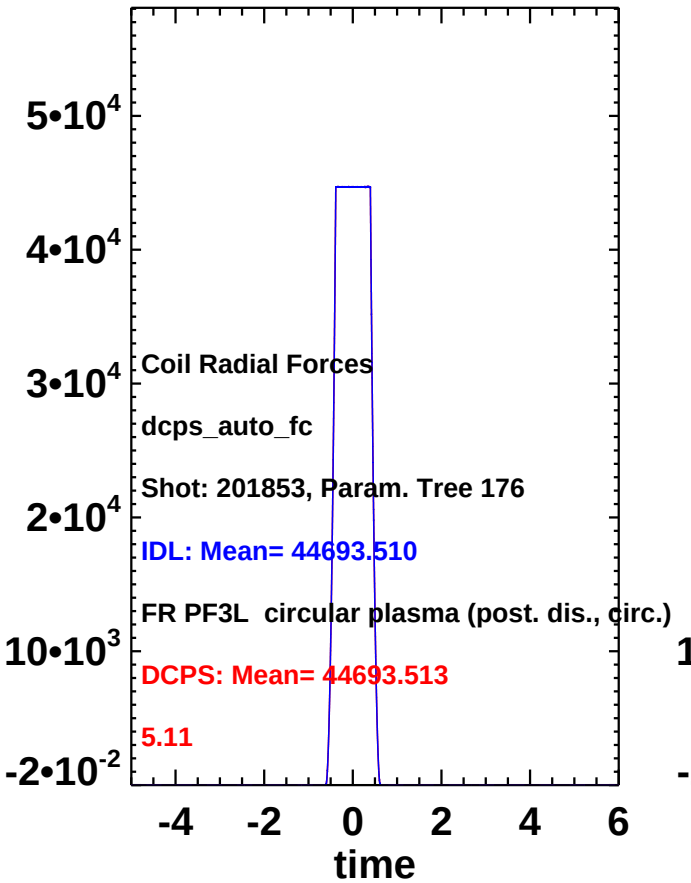

Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -32287.345
FR PF4L circular plasma (normal, shaped)
DCPS: Mean= -32287.346
4.10
time

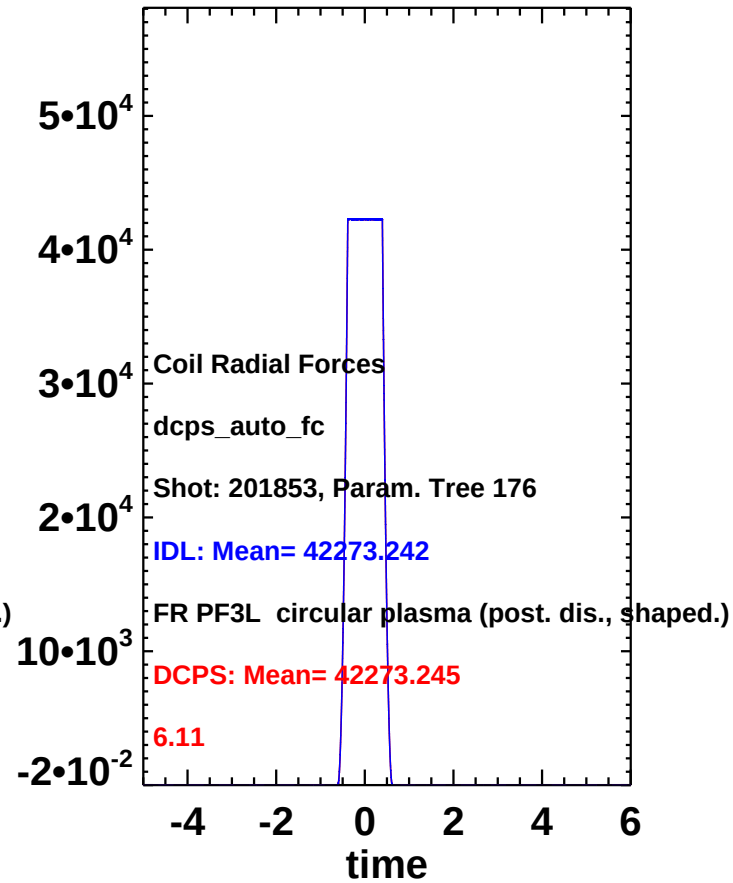

Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -20918.364
FR PF4L circular plasma (post. dis., circ.)
DCPS: Mean= -20918.364
5.10
time

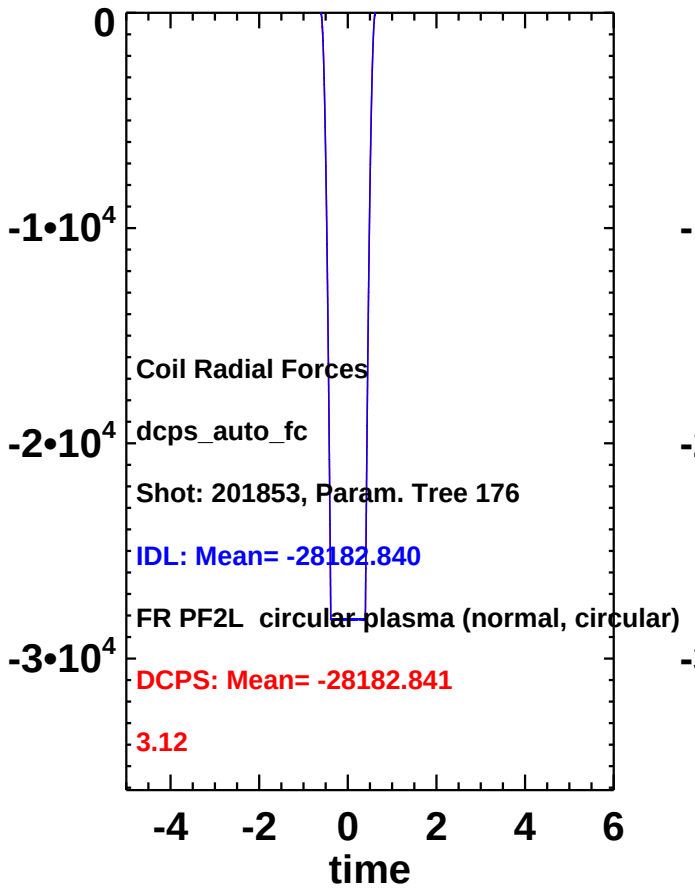

Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -22363.413
FR PF4L circular plasma (post. dis., shaped.)
DCPS: Mean= -22363.414
6.10
time

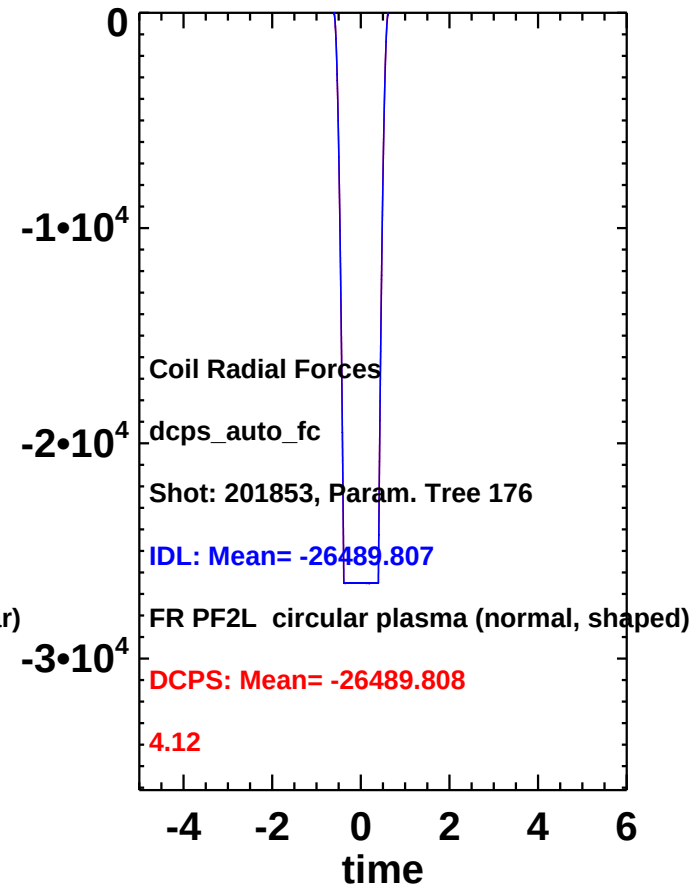

Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 52707.369
FR PF3L circular plasma (normal, circular)
DCPS: Mean= 52707.370
3.11
time

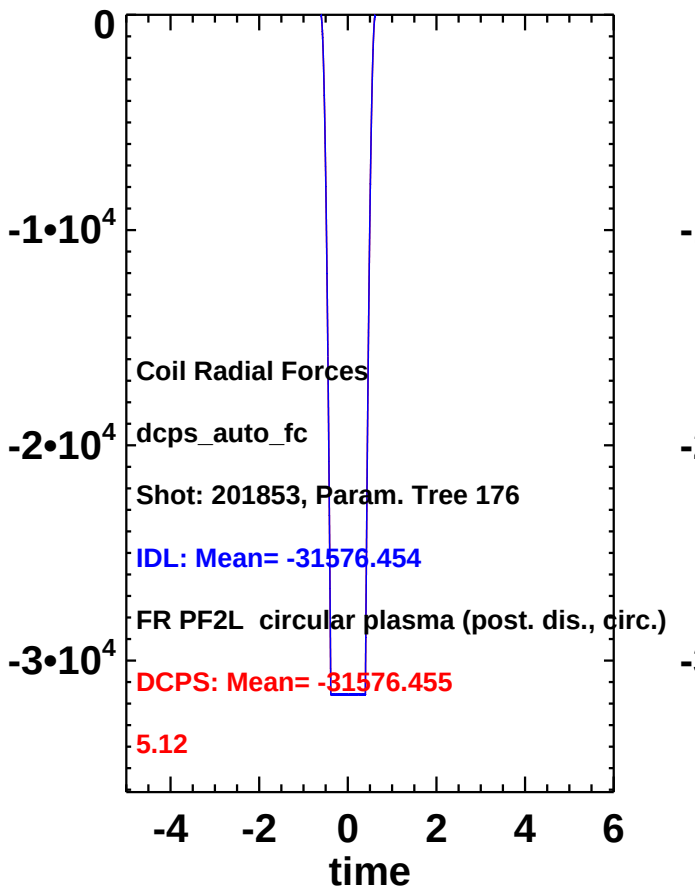

Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 57099.918
FR PF3L circular plasma (normal, shaped)
DCPS: Mean= 57099.920
4.11
time

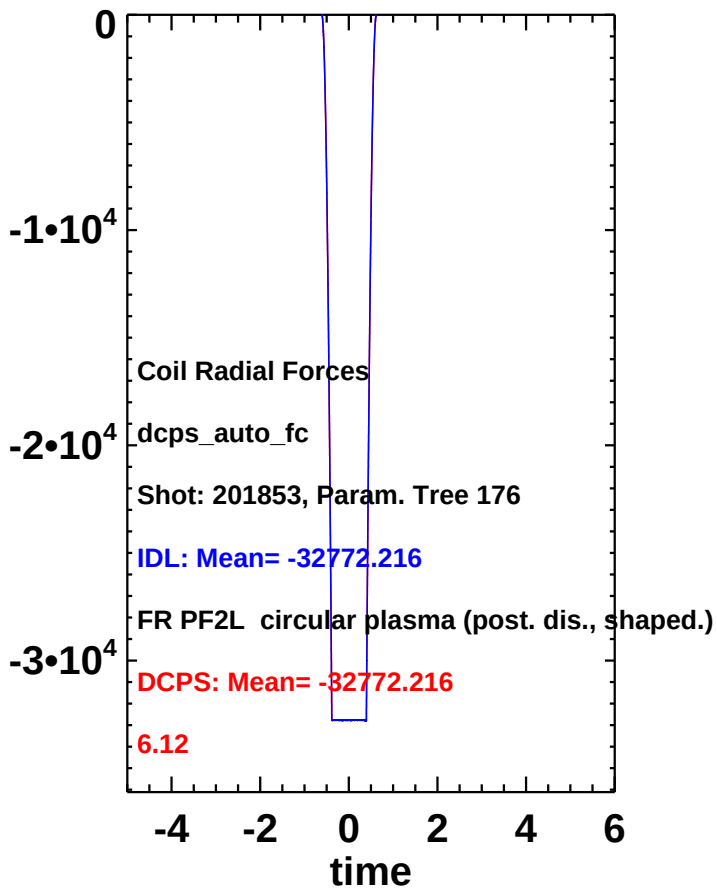

Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 44693.510
FR PF3L circular plasma (post. dis., circ.)
DCPS: Mean= 44693.513
5.11
time

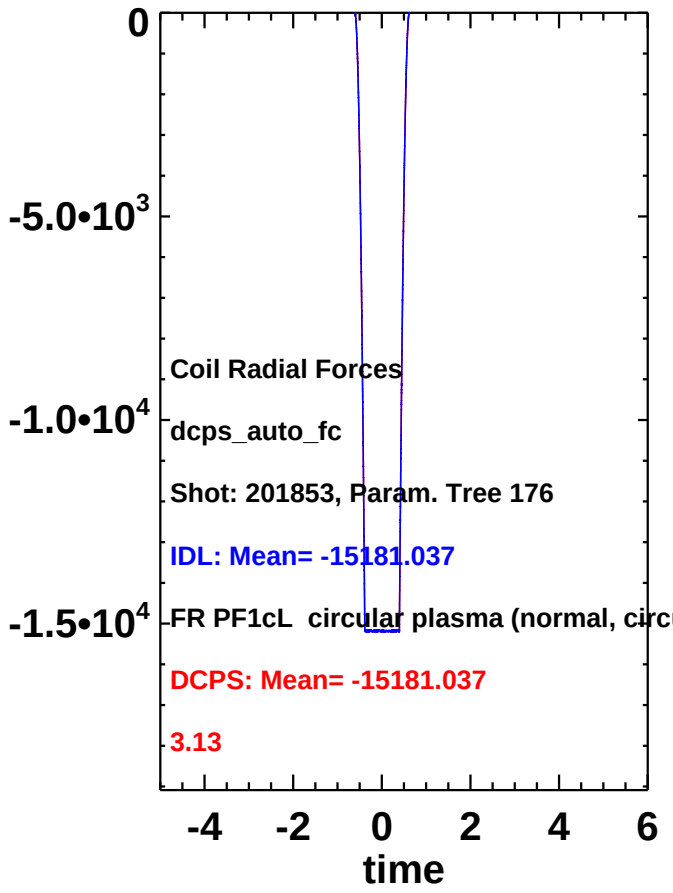

Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 42273.242
FR PF3L circular plasma (post. dis., shaped.)
DCPS: Mean= 42273.245
6.11
time

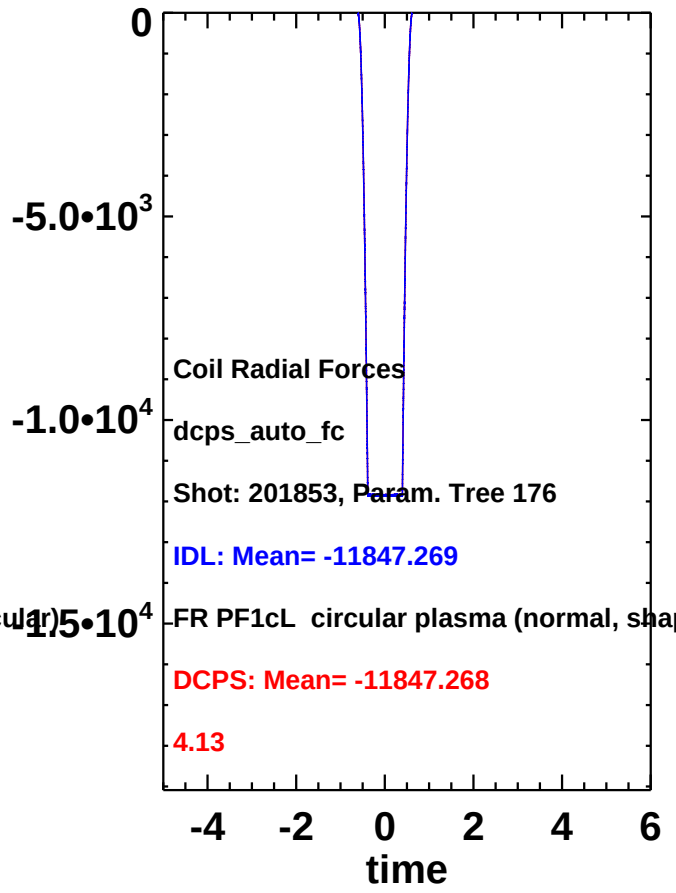

0
-1•10^4
-2•10^4
-3•10^4
Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -28182.840
FR PF2L circular plasma (normal, circular)
DCPS: Mean= -28182.841
3.12
-4 -2 0 2 4 6
time

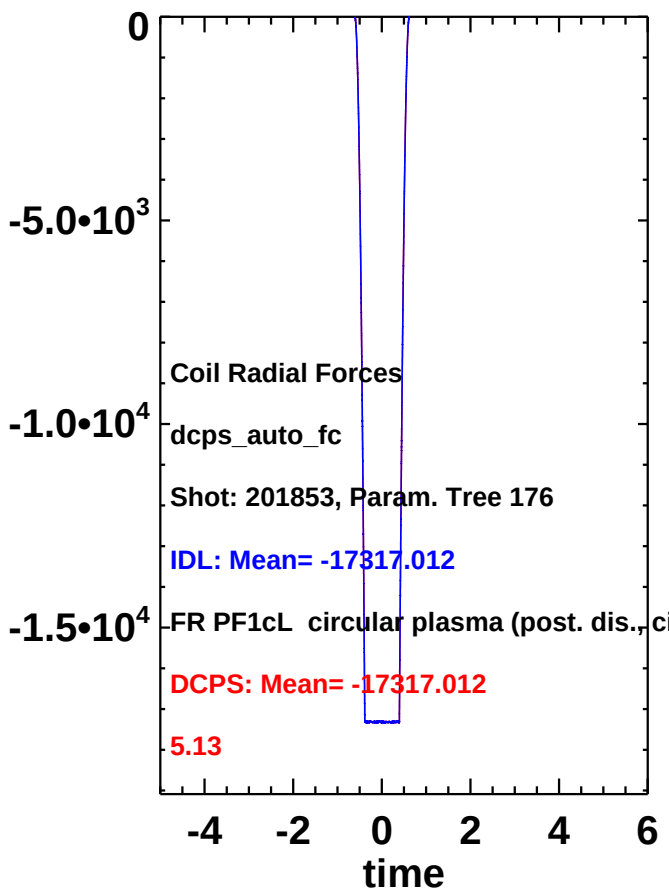

0
-1•10^4
-2•10^4
-3•10^4
Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -26489.807
FR PF2L circular plasma (normal, shaped)
DCPS: Mean= -26489.808
4.12
-4 -2 0 2 4 6
time

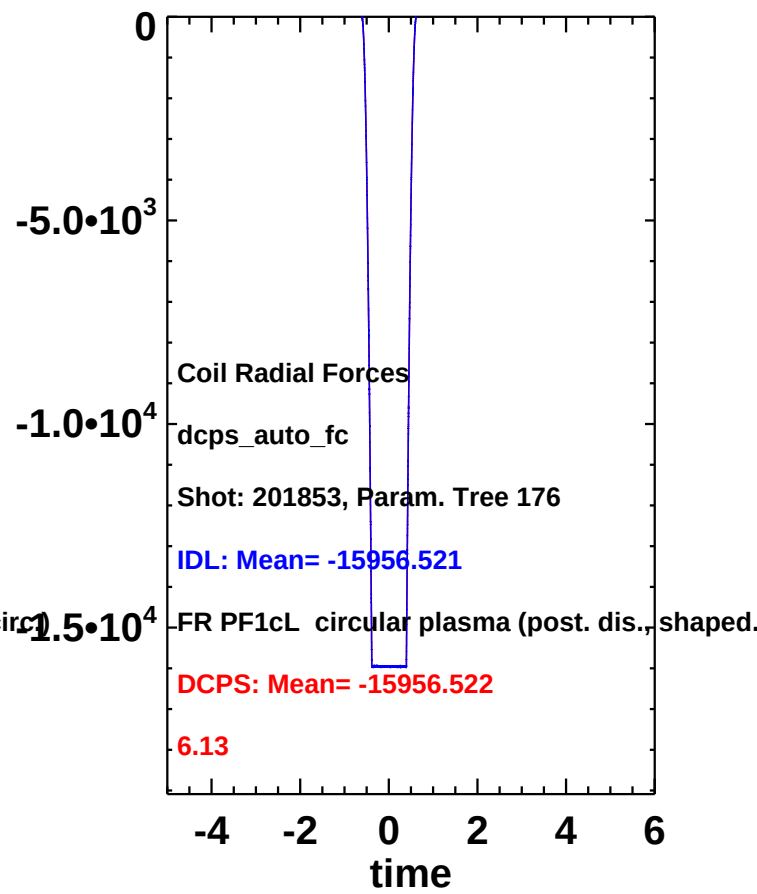

0
-1•10^4
-2•10^4
-3•10^4
Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -31576.454
FR PF2L circular plasma (post. dis., circ.)
DCPS: Mean= -31576.455
5.12
-4 -2 0 2 4 6
time

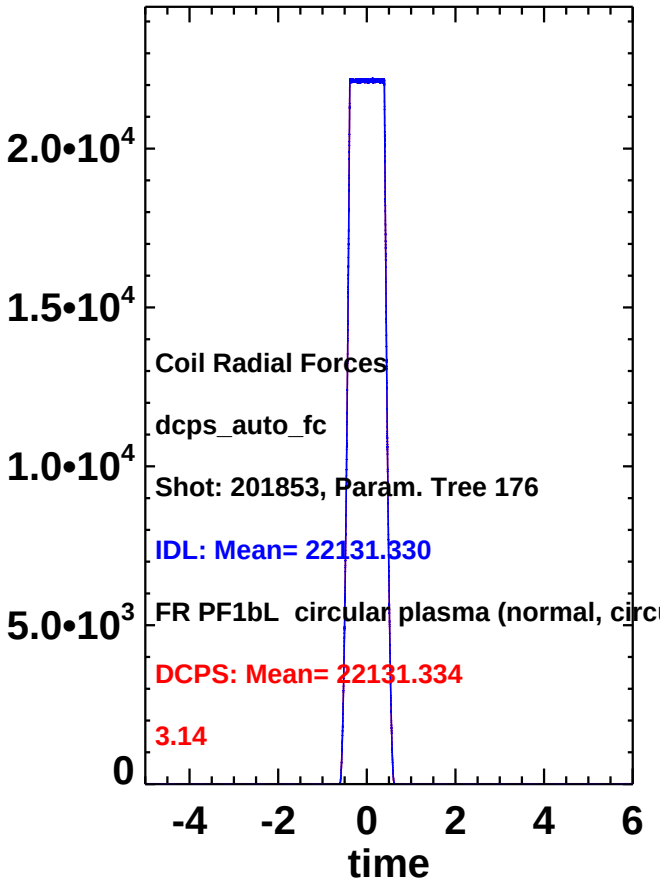

0
-1•10^4
-2•10^4
-3•10^4
Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -32772.216
FR PF2L circular plasma (post. dis., shaped.)
DCPS: Mean= -32772.216
6.12
-4 -2 0 2 4 6
time

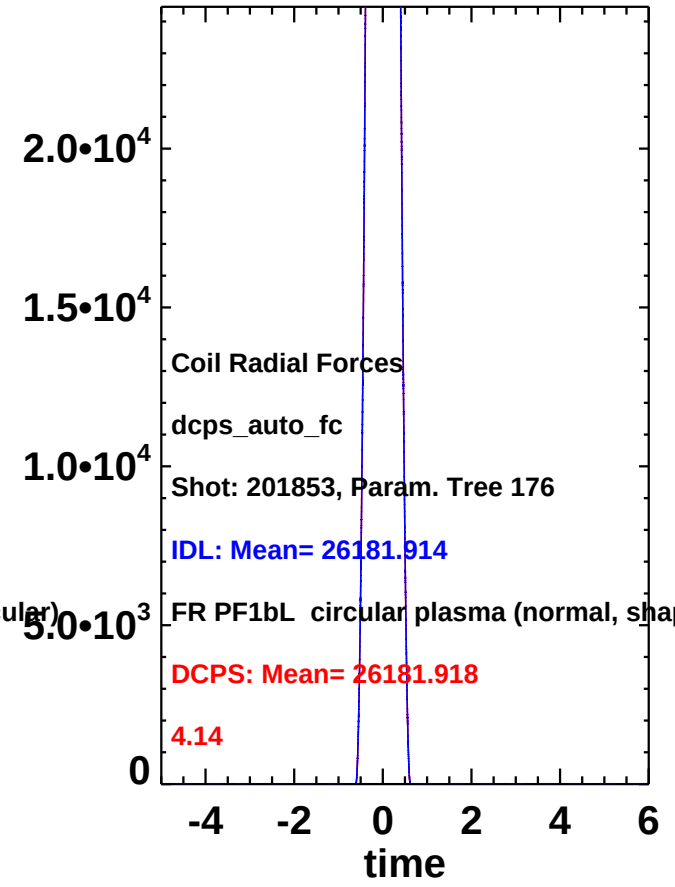

0
-5.0•10^3
-1.0•10^4
-1.5•10^4
Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -15181.037
FR PF1cL circular plasma (normal, circular)
DCPS: Mean= -15181.037
3.13
-4 -2 0 2 4 6
time

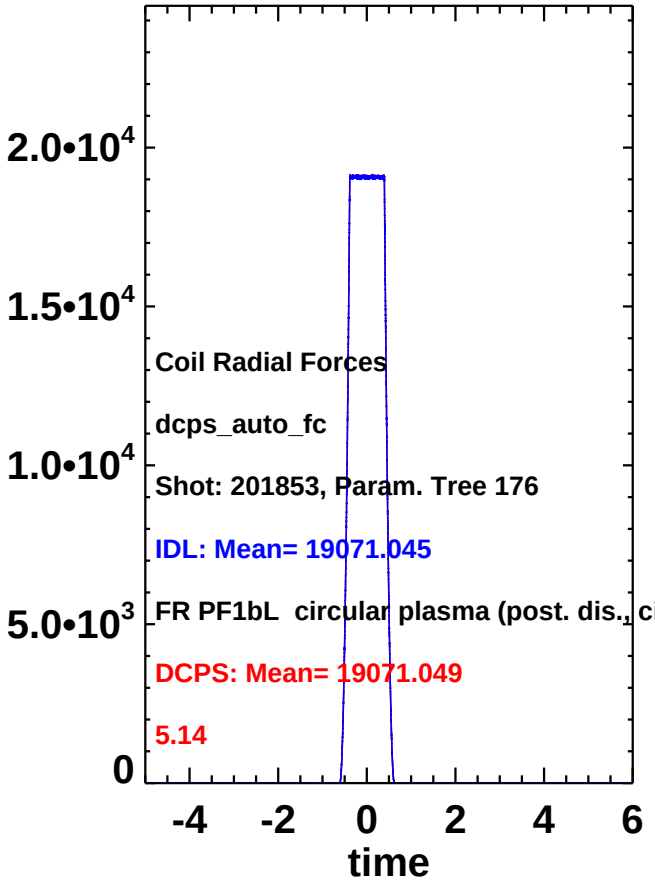

0
-5.0•10^3
-1.0•10^4
-1.5•10^4
Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -11847.269
FR PF1cL circular plasma (normal, shaped)
DCPS: Mean= -11847.268
4.13
-4 -2 0 2 4 6
time

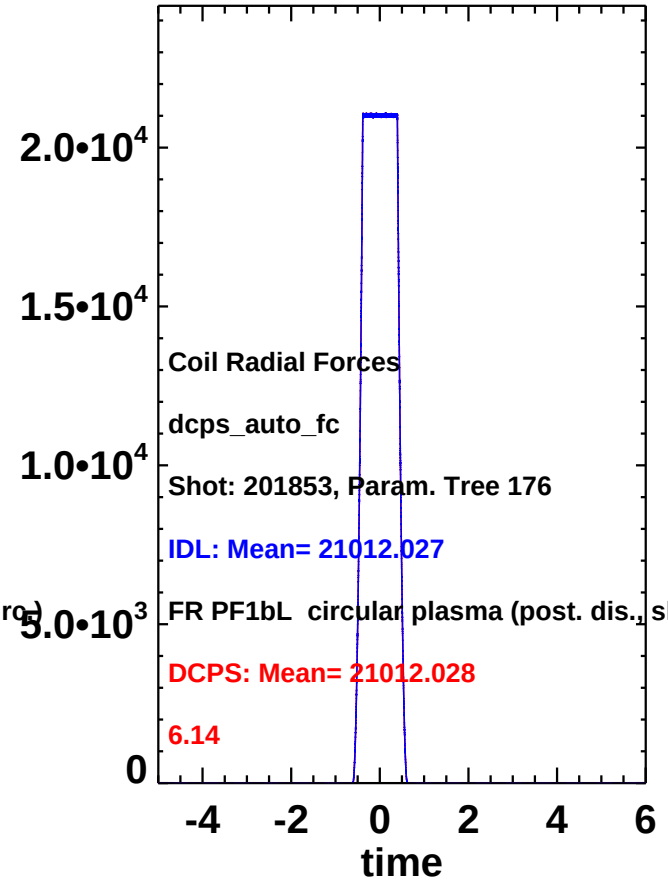

0
-5.0•10^3
-1.0•10^4
-1.5•10^4
Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -17317.012
FR PF1cL circular plasma (post. dis., circ
DCPS: Mean= -17317.012
5.13
-4 -2 0 2 4 6
time

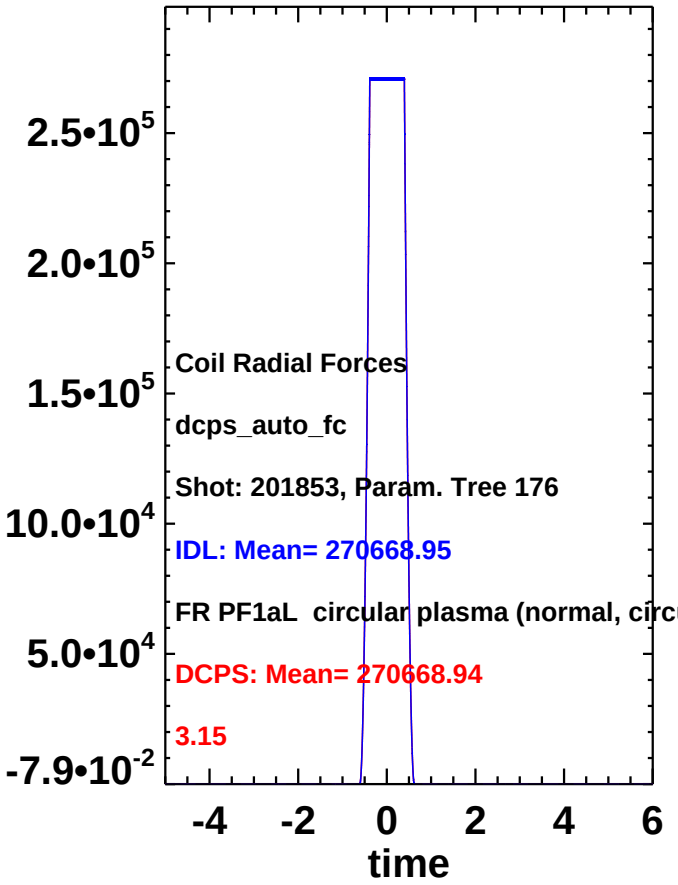

0
-5.0•10^3
-1.0•10^4
-1.5•10^4
Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= -15956.521
FR PF1cL circular plasma (post. dis., shaped.
DCPS: Mean= -15956.522
6.13
-4 -2 0 2 4 6
time

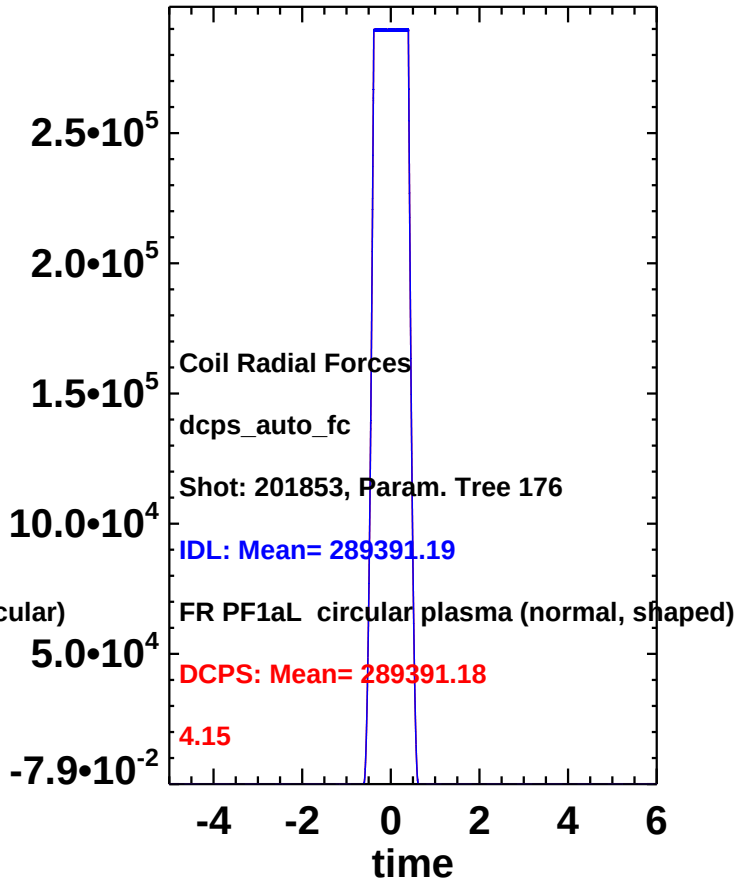

Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 22131.330
FR PF1bL circular plasma (normal, circular)
DCPS: Mean= 22131.334
3.14
2.0•10^4
1.5•10^4
1.0•10^4
5.0•10^3
0
-4 -2 0 2 4 6
time

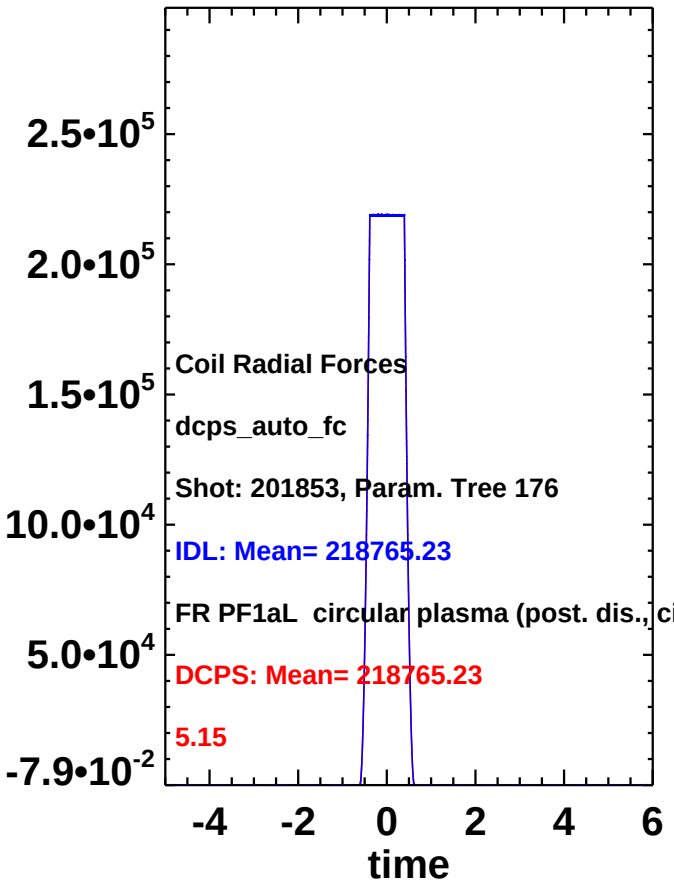

Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 26181.914
FR PF1bL circular plasma (normal, shaped)
DCPS: Mean= 26181.918
4.14
2.0•10^4
1.5•10^4
1.0•10^4
5.0•10^3
0
-4 -2 0 2 4 6
time

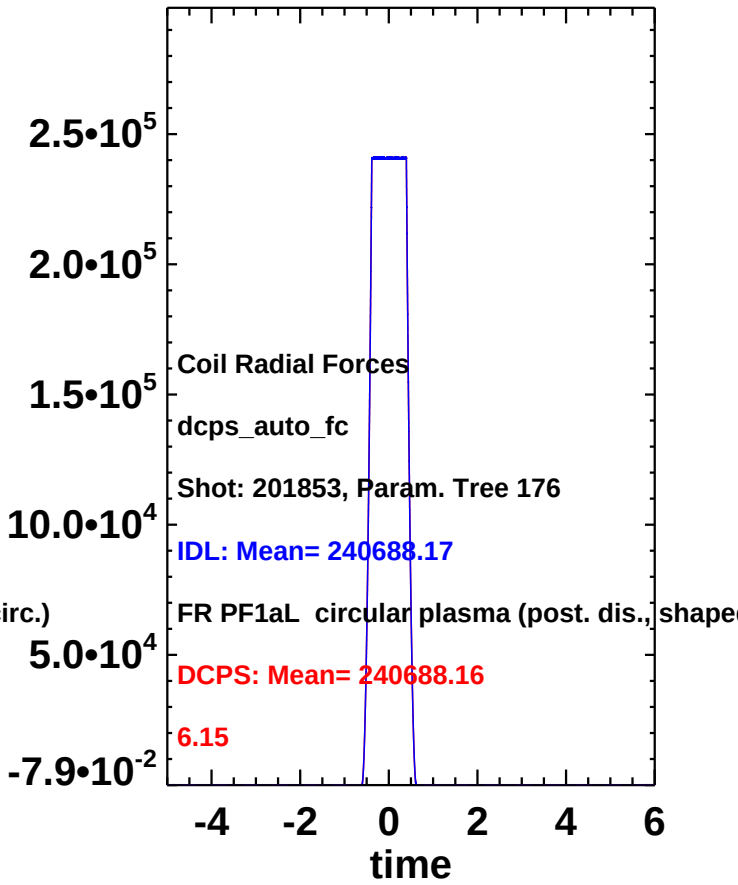

Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 19071.045
FR PF1bL circular plasma (post. dis., circ.)
DCPS: Mean= 19071.049
5.14
2.0•10^4
1.5•10^4
1.0•10^4
5.0•10^3
0
-4 -2 0 2 4 6
time

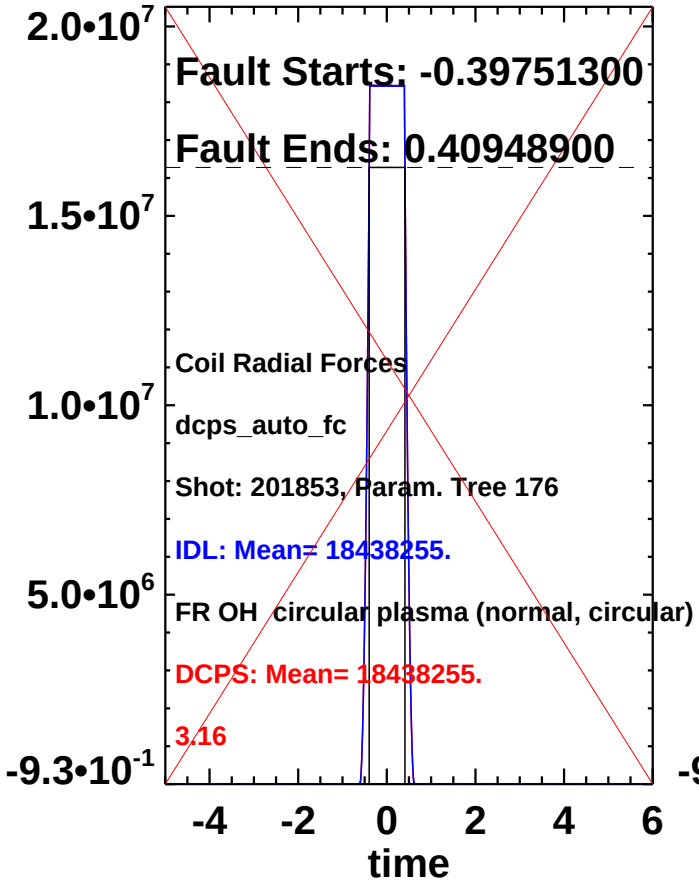

Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 21012.027
FR PF1bL circular plasma (post. dis., shaped.
DCPS: Mean= 21012.028
6.14
2.0•10^4
1.5•10^4
1.0•10^4
5.0•10^3
0
-4 -2 0 2 4 6
time

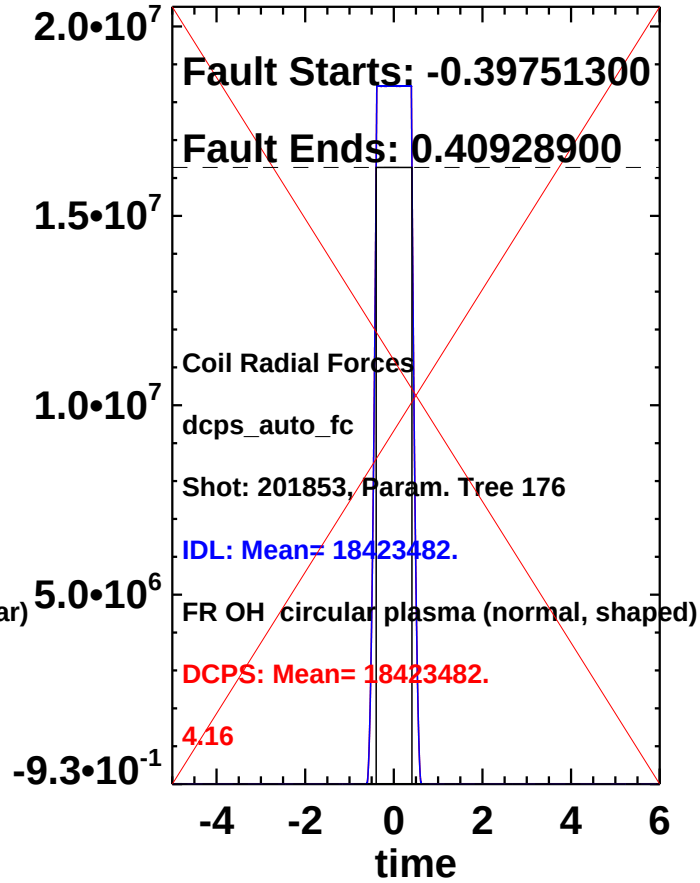

Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 270668.95
FR PF1aL circular plasma (normal, circular)
DCPS: Mean= 270668.94
3.15
2.5•10^5
2.0•10^5
1.5•10^5
10.0•10^4
5.0•10^4
-7.9•10^-2
-4
-2
0
2
4
6
time

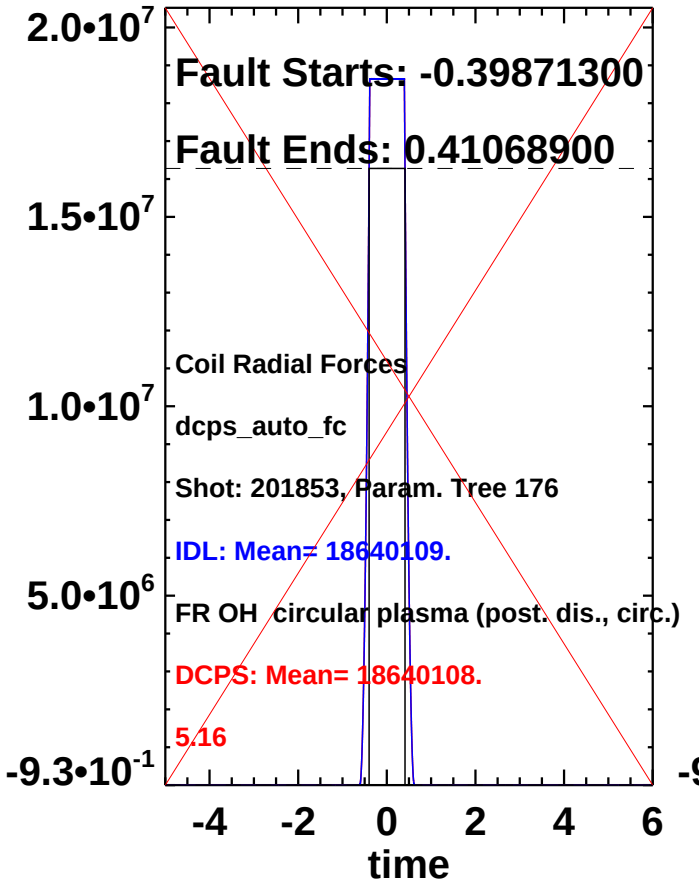

Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 289391.19
FR PF1aL circular plasma (normal, shaped)
DCPS: Mean= 289391.18
4.15
2.5•10^5
2.0•10^5
1.5•10^5
10.0•10^4
5.0•10^4
-7.9•10^-2
-4
-2
0
2
4
6
time

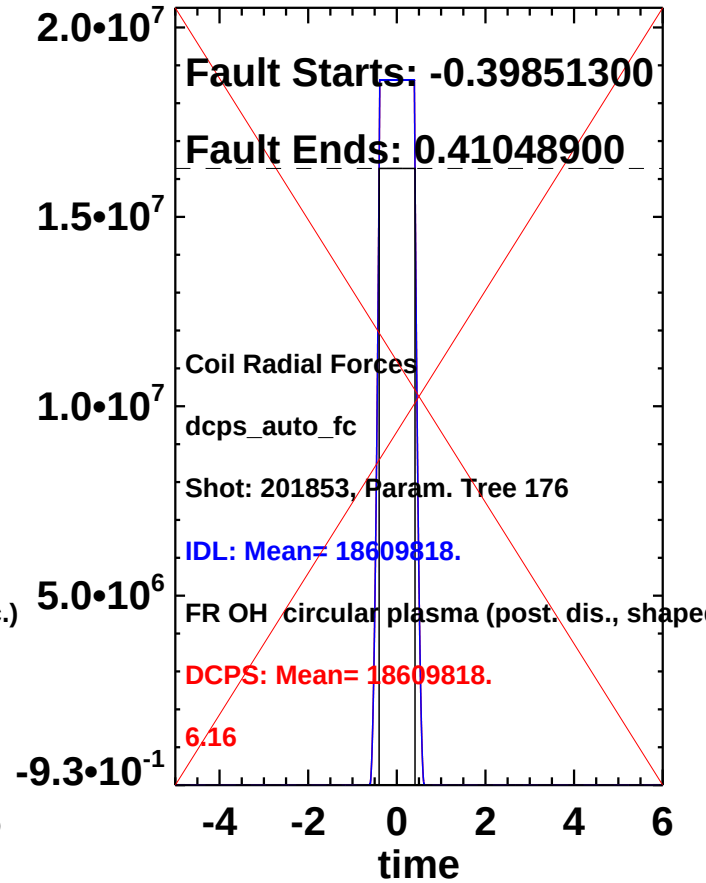

Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 218765.23
FR PF1aL circular plasma (post. dis., circ.)
DCPS: Mean= 218765.23
5.15
2.5•10^5
2.0•10^5
1.5•10^5
10.0•10^4
5.0•10^4
-7.9•10^-2
-4
-2
0
2
4
6
time

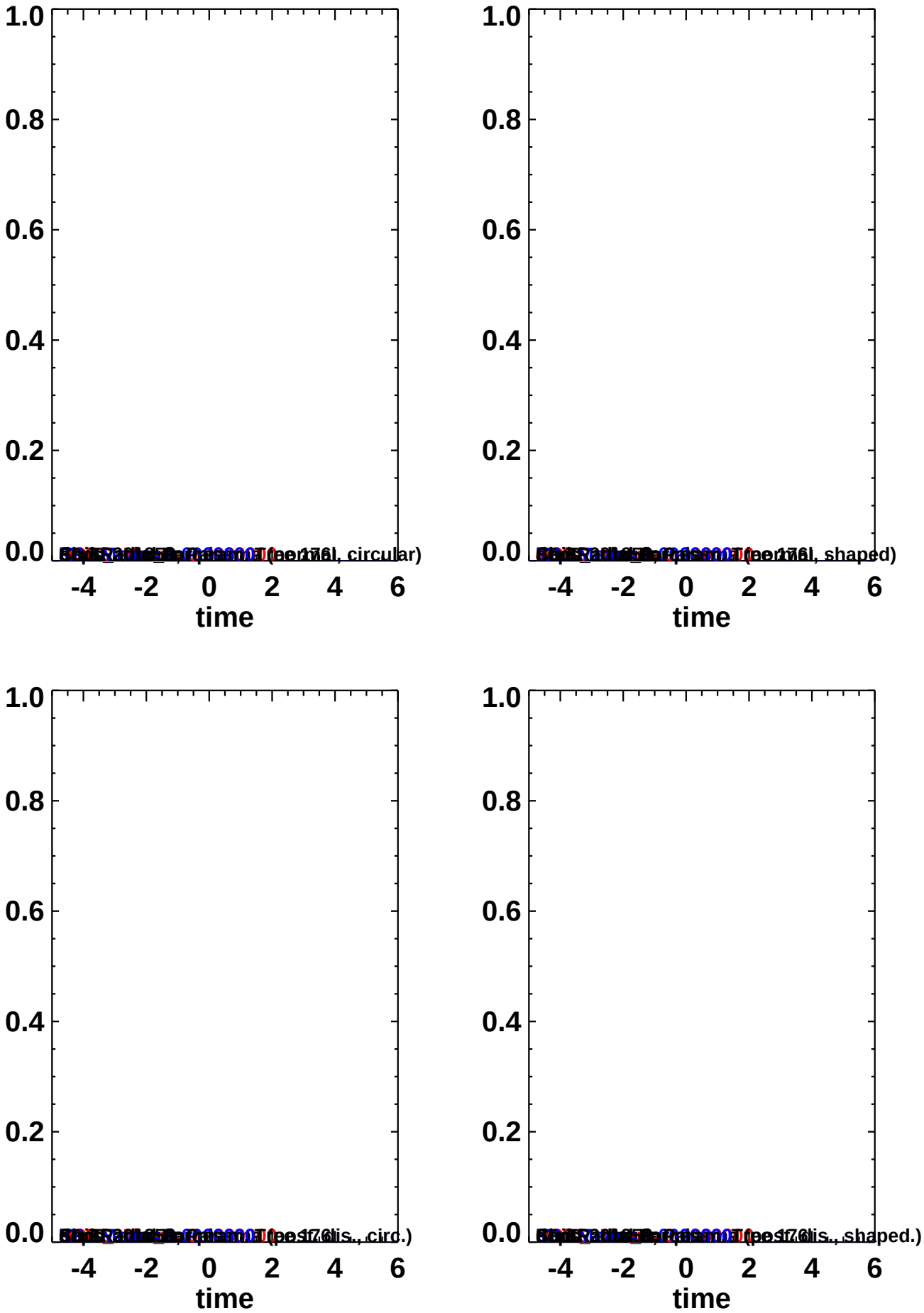

Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 240688.17
FR PF1aL circular plasma (post. dis., shaped.
DCPS: Mean= 240688.16
6.15
2.5•10^5
2.0•10^5
1.5•10^5
10.0•10^4
5.0•10^4
-7.9•10^-2
-4
-2
0
2
4
6
time


Fault Starts: -0.39751300
Fault Ends: 0.40948900
Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 18438255.
FR OH circular plasma (normal, circular)
DCPS: Mean= 18438255.
3.16
2.0•10^7
1.5•10^7
1.0•10^7
5.0•10^6
-9.3•10^-1
-4
-2
0
2
4
6
time


Fault Starts: -0.39751300
Fault Ends: 0.40928900
Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 18423482.
FR OH circular plasma (normal, shaped)
DCPS: Mean= 18423482.
4.16
2.0•10^7
1.5•10^7
1.0•10^7
5.0•10^6
-9.3•10^-1
-4
-2
0
2
4
6
time


Fault Starts: -0.39871300
Fault Ends: 0.41068900
Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 18640109.
FR OH circular plasma (post. dis., circ.)
DCPS: Mean= 18640108.
5.16
2.0•10^7
1.5•10^7
1.0•10^7
5.0•10^6
-9.3•10^-1
-4
-2
0
2
4
6
time


Fault Starts: -0.39851300
Fault Ends: 0.41048900
Coil Radial Forces
dcps_auto_fc
Shot: 201853, Param. Tree 176
IDL: Mean= 18609818.
FR OH circular plasma (post. dis., shaped.)
DCPS: Mean= 18609818.
6.16
2.0•10^7
1.5•10^7
1.0•10^7
5.0•10^6
-9.3•10^-1
-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
(normal, circular)
(normal, shaped)
(lis., circ.)
(lis., shaped.)