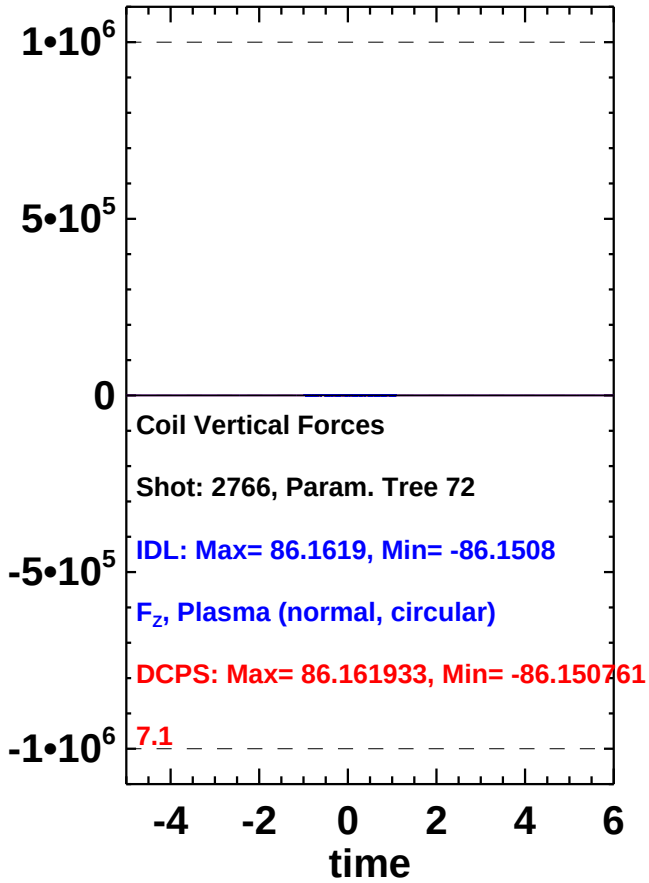
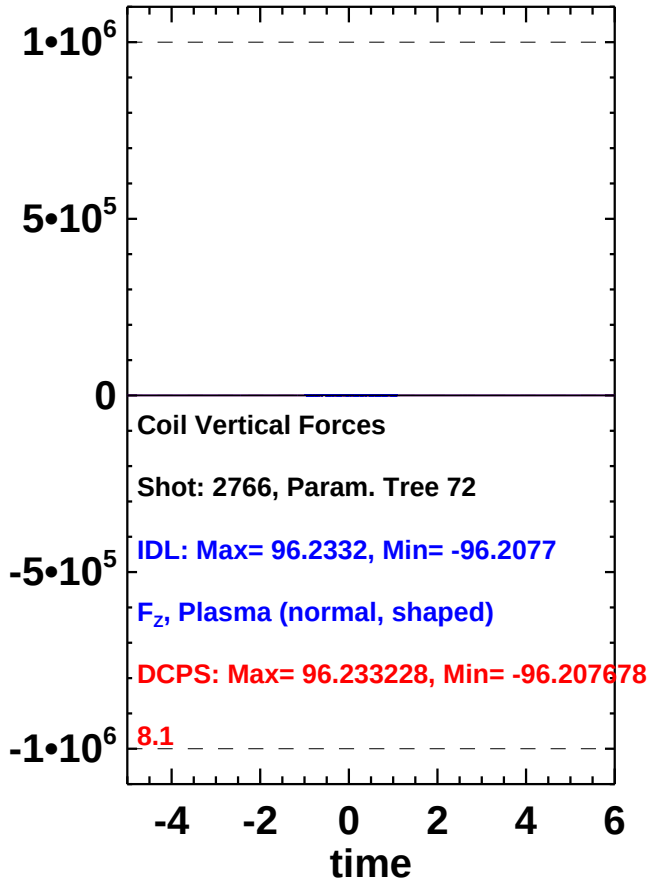
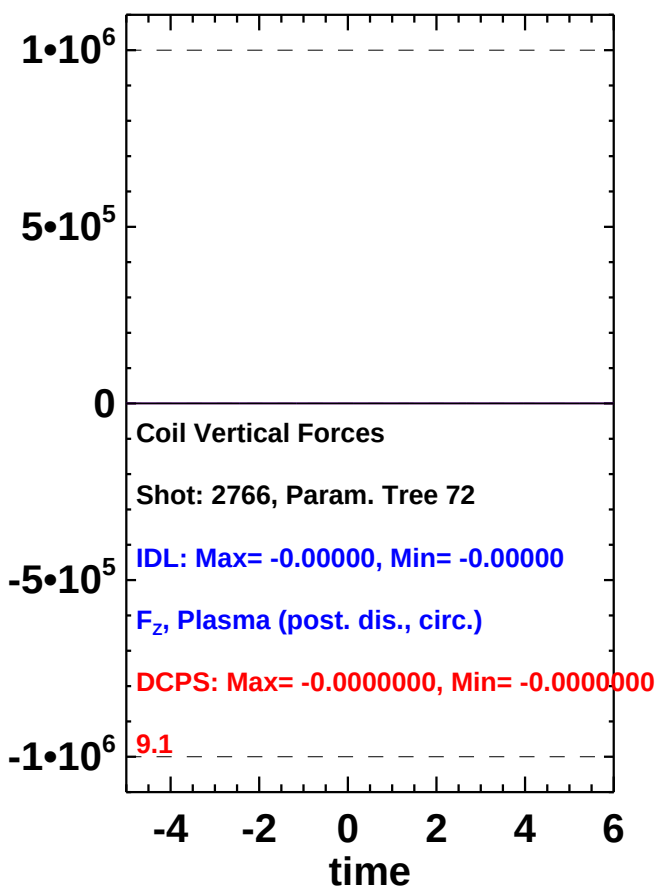
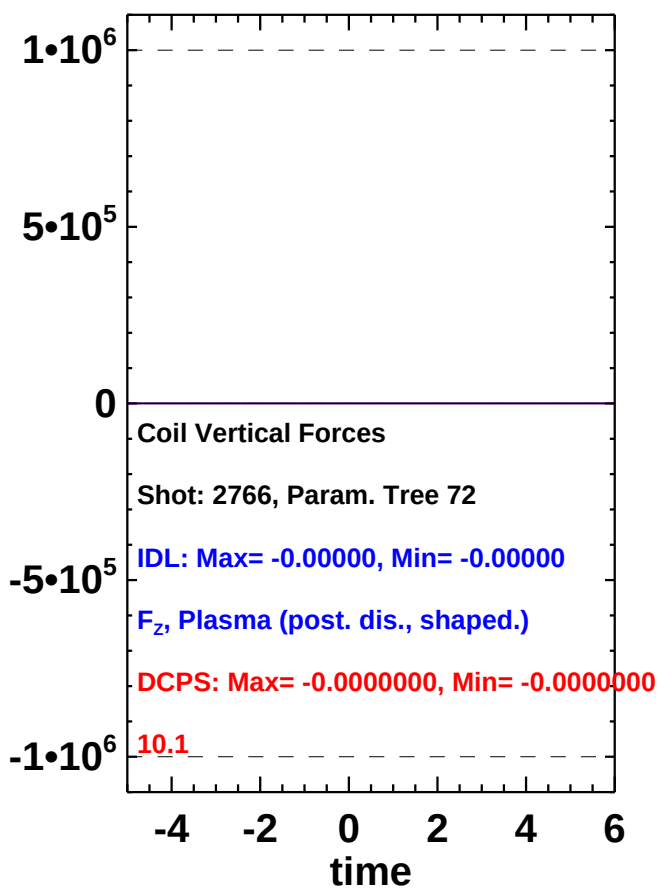
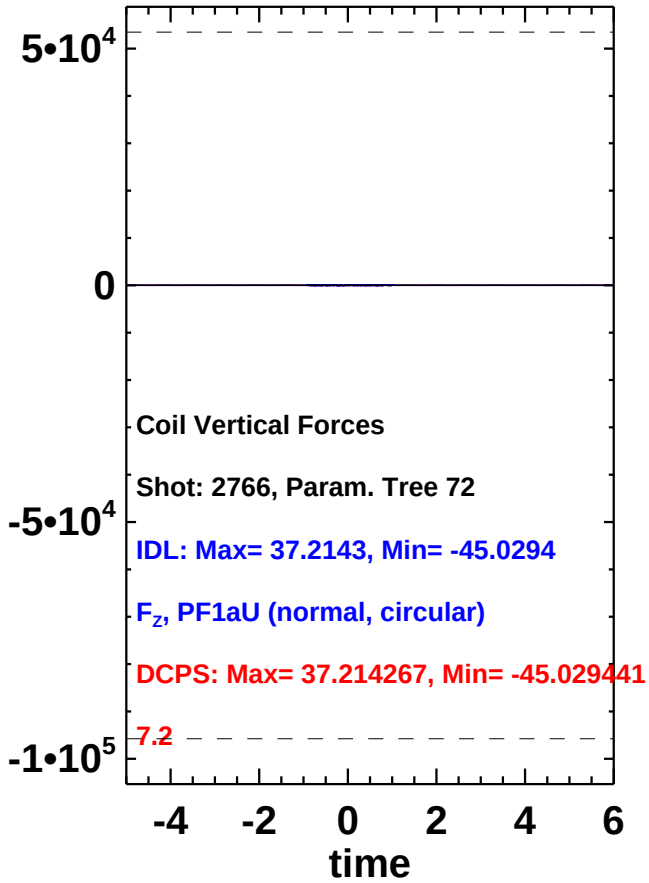
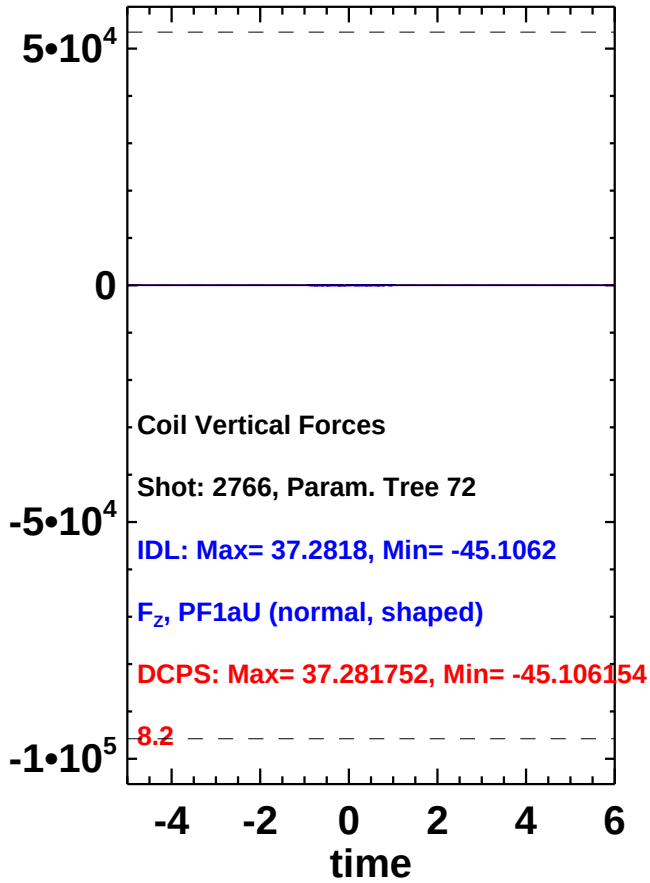

1•10^6
5•10^5
0
-5•10^5
-1•10^6
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 86.1619, Min= -86.1508
F_Z, Plasma (normal, circular)
DCPS: Max= 86.161933, Min= -86.150761
7.1
-4 -2 0 2 4 6
time

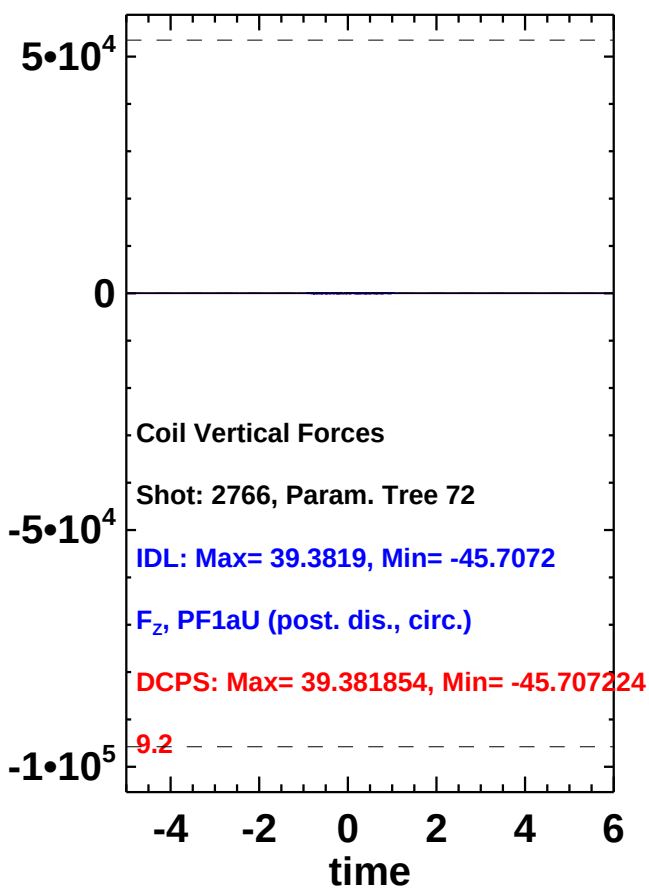

1•10^6
5•10^5
0
-5•10^5
-1•10^6
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 96.2332, Min= -96.2077
F_Z, Plasma (normal, shaped)
DCPS: Max= 96.233228, Min= -96.207678
8.1
-4 -2 0 2 4 6
time

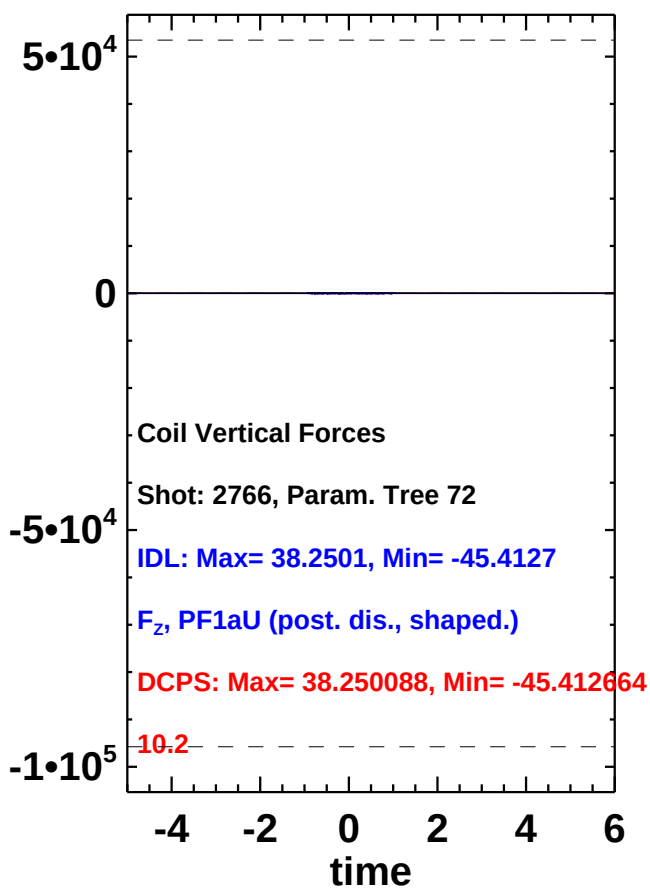

1•10^6
5•10^5
0
-5•10^5
-1•10^6
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= -0.00000, Min= -0.00000
F_Z, Plasma (post. dis., circ.)
DCPS: Max= -0.0000000, Min= -0.0000000
9.1
-4 -2 0 2 4 6
time

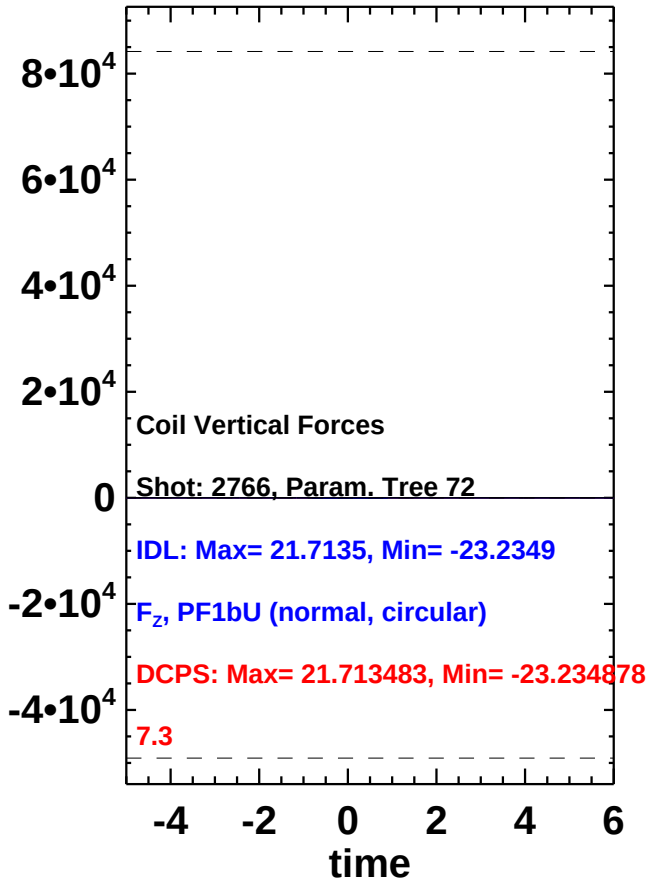

1•10^6
5•10^5
0
-5•10^5
-1•10^6
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= -0.00000, Min= -0.00000
F_Z, Plasma (post. dis., shaped.)
DCPS: Max= -0.0000000, Min= -0.0000000
10.1
-4 -2 0 2 4 6
time

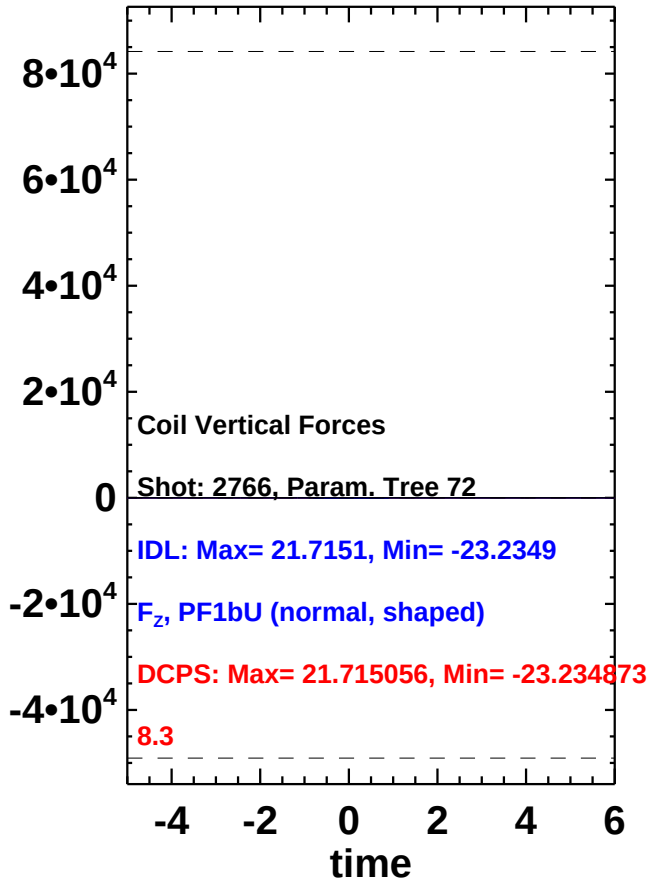

5•10^4
0
-5•10^4
-1•10^5
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 37.2143, Min= -45.0294
F_Z, PF1aU (normal, circular)
DCPS: Max= 37.214267, Min= -45.029441
7.2
-4 -2 0 2 4 6
time

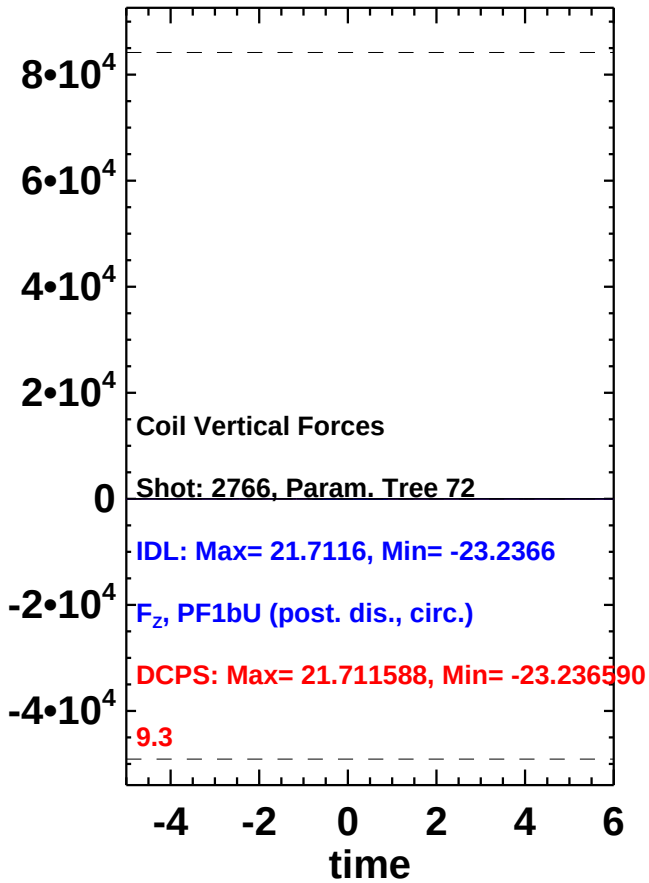

5•10^4
0
-5•10^4
-1•10^5
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 37.2818, Min= -45.1062
F_Z, PF1aU (normal, shaped)
DCPS: Max= 37.281752, Min= -45.106154
8.2
-4 -2 0 2 4 6
time

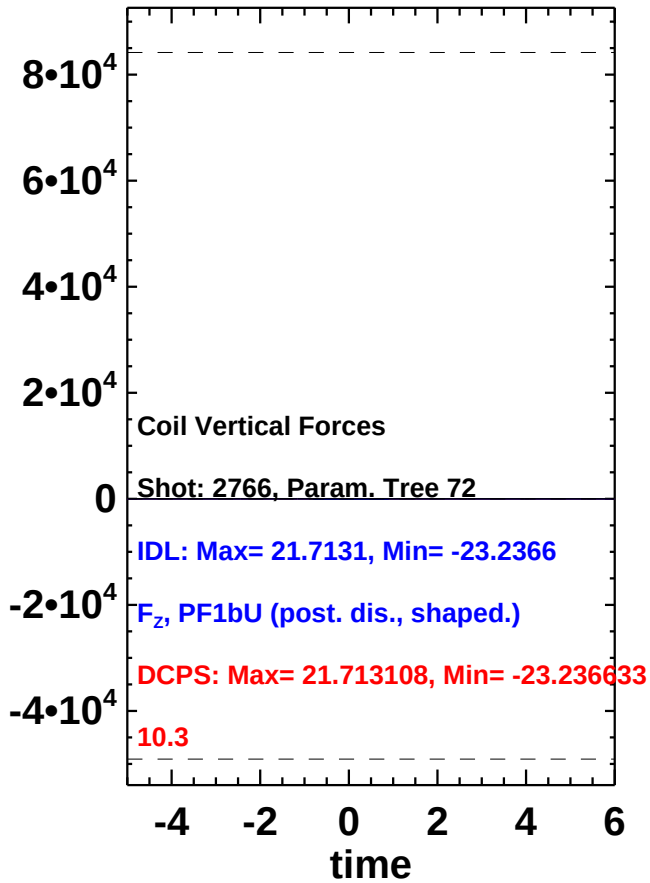

5•10^4
0
-5•10^4
-1•10^5
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 39.3819, Min= -45.7072
F_Z, PF1aU (post. dis., circ.)
DCPS: Max= 39.381854, Min= -45.707224
9.2
-4 -2 0 2 4 6
time

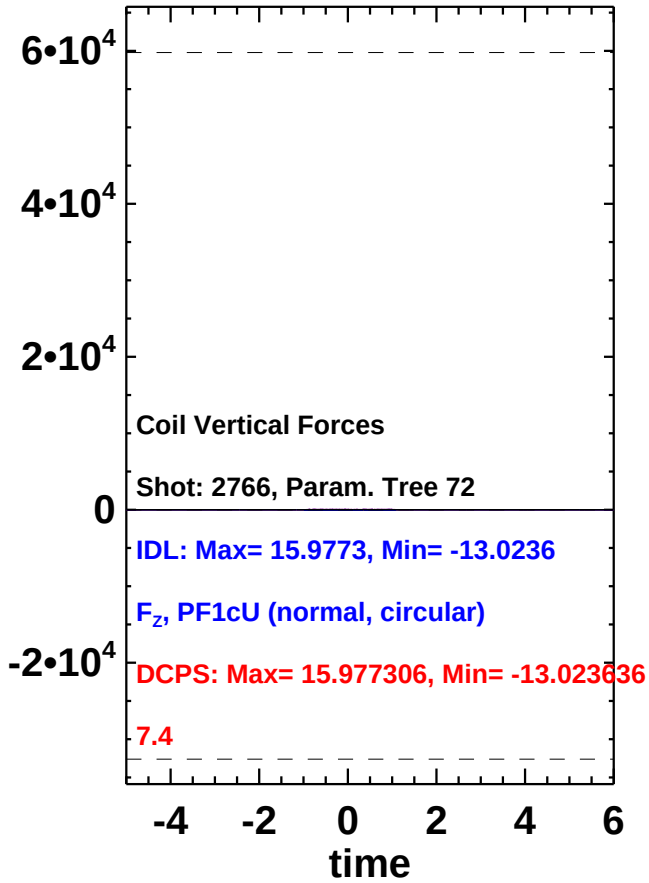

5•10^4
0
-5•10^4
-1•10^5
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 38.2501, Min= -45.4127
F_Z, PF1aU (post. dis., shaped.)
DCPS: Max= 38.250088, Min= -45.412664
10.2
-4 -2 0 2 4 6
time

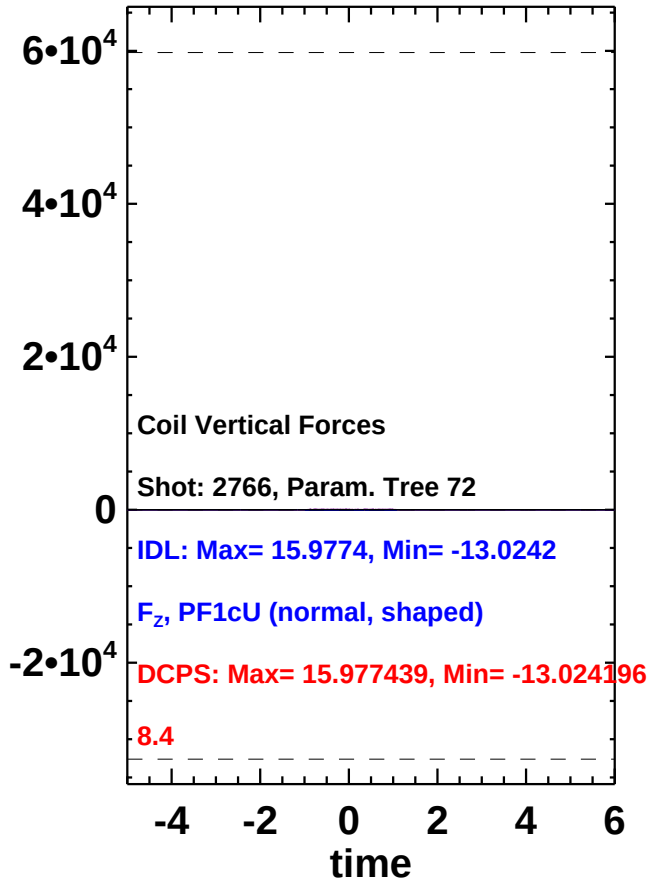

Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 21.7135, Min= -23.2349
F_z, PF1bU (normal, circular)
DCPS: Max= 21.713483, Min= -23.234878
7.3
8•10^4
6•10^4
4•10^4
2•10^4
0
-2•10^4
-4•10^4
-4 -2 0 2 4 6
time

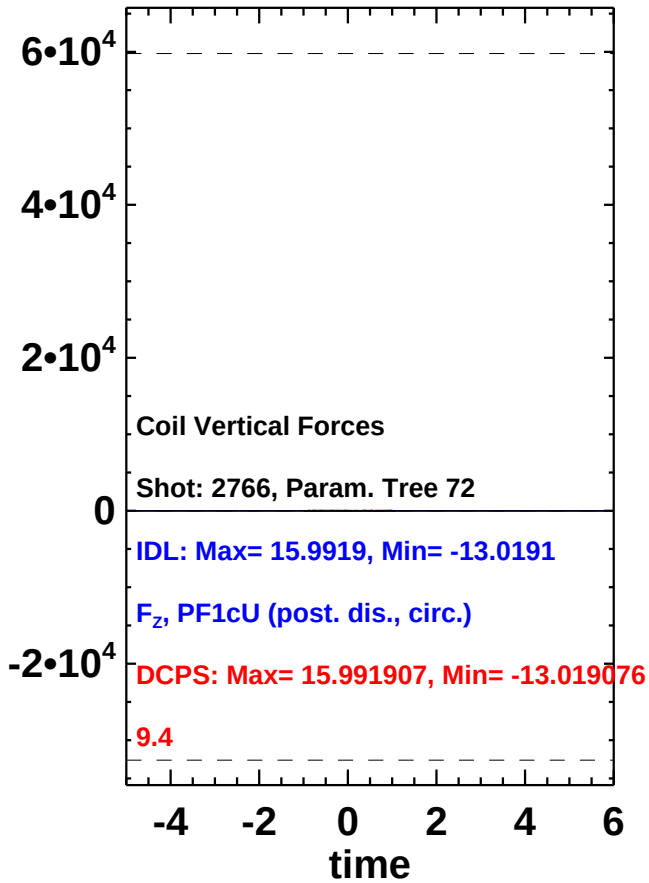

Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 21.7151, Min= -23.2349
F_z, PF1bU (normal, shaped)
DCPS: Max= 21.715056, Min= -23.234873
8.3
8•10^4
6•10^4
4•10^4
2•10^4
0
-2•10^4
-4•10^4
-4 -2 0 2 4 6
time

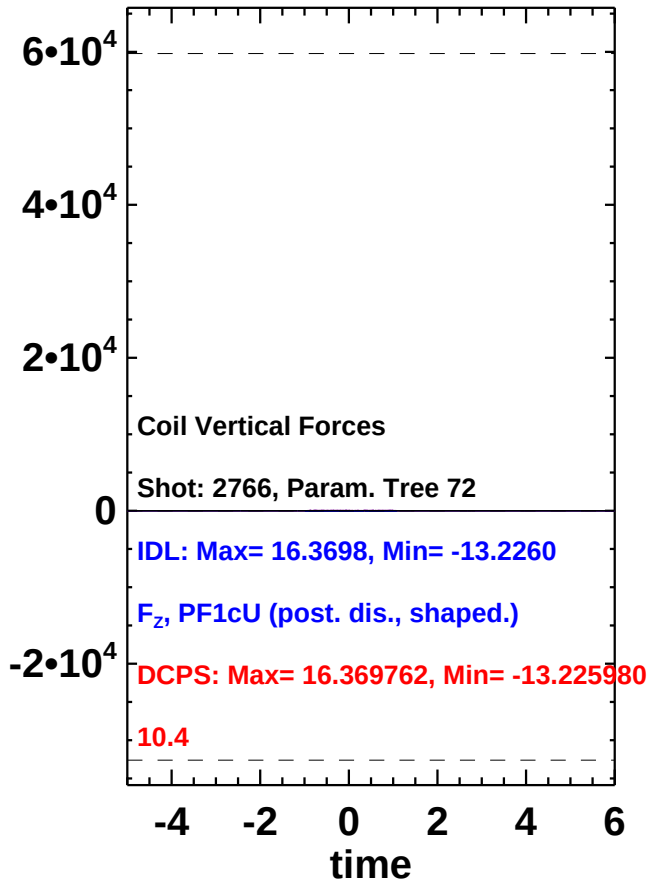

Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 21.7116, Min= -23.2366
F_z, PF1bU (post. dis., circ.)
DCPS: Max= 21.711588, Min= -23.236590
9.3
8•10^4
6•10^4
4•10^4
2•10^4
0
-2•10^4
-4•10^4
-4 -2 0 2 4 6
time

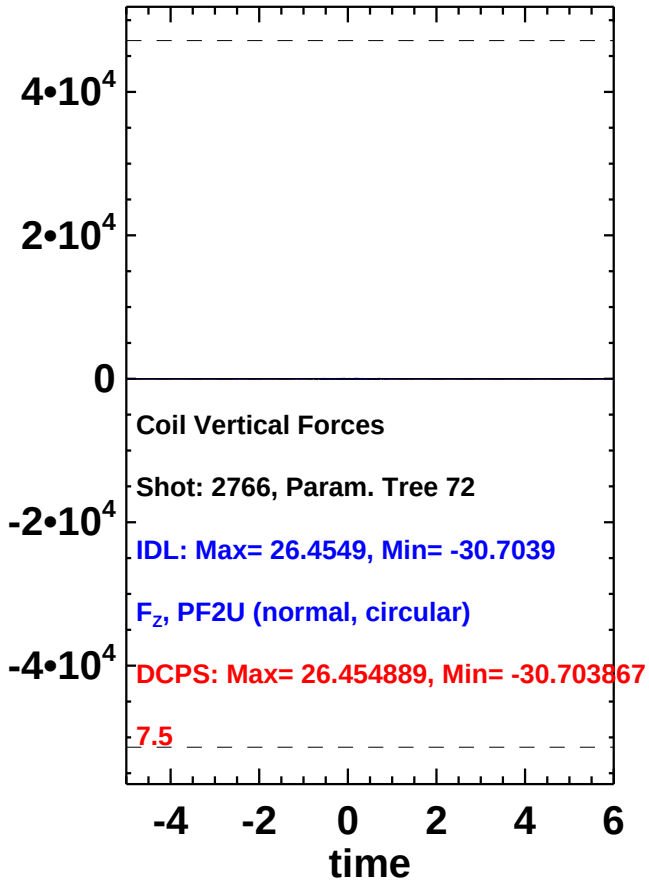

Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 21.7131, Min= -23.2366
F_z, PF1bU (post. dis., shaped.)
DCPS: Max= 21.713108, Min= -23.236633
10.3
8•10^4
6•10^4
4•10^4
2•10^4
0
-2•10^4
-4•10^4
-4 -2 0 2 4 6
time

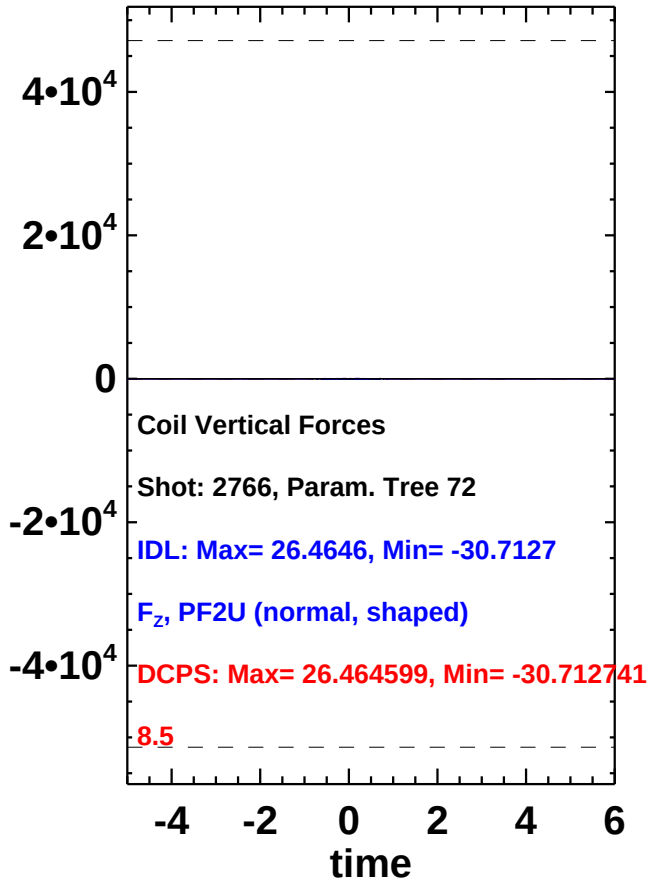

6•10^4
4•10^4
2•10^4
0
-2•10^4
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 15.9773, Min= -13.0236
F_z, PF1cU (normal, circular)
DCPS: Max= 15.977306, Min= -13.023636
7.4
-4 -2 0 2 4 6
time

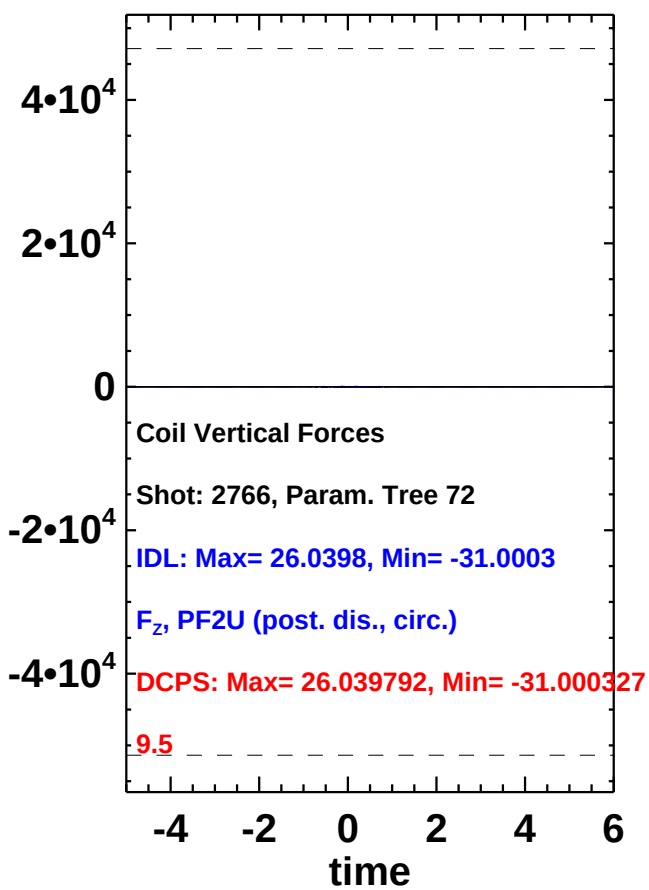

6•10^4
4•10^4
2•10^4
0
-2•10^4
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 15.9774, Min= -13.0242
F_z, PF1cU (normal, shaped)
DCPS: Max= 15.977439, Min= -13.024196
8.4
-4 -2 0 2 4 6
time

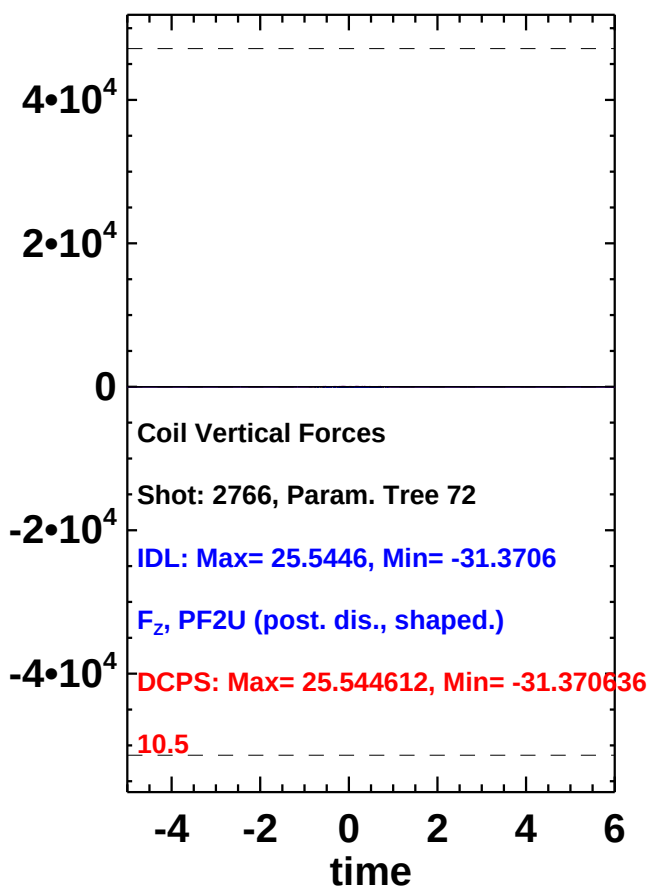

6•10^4
4•10^4
2•10^4
0
-2•10^4
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 15.9919, Min= -13.0191
F_z, PF1cU (post. dis., circ.)
DCPS: Max= 15.991907, Min= -13.019076
9.4
-4 -2 0 2 4 6
time

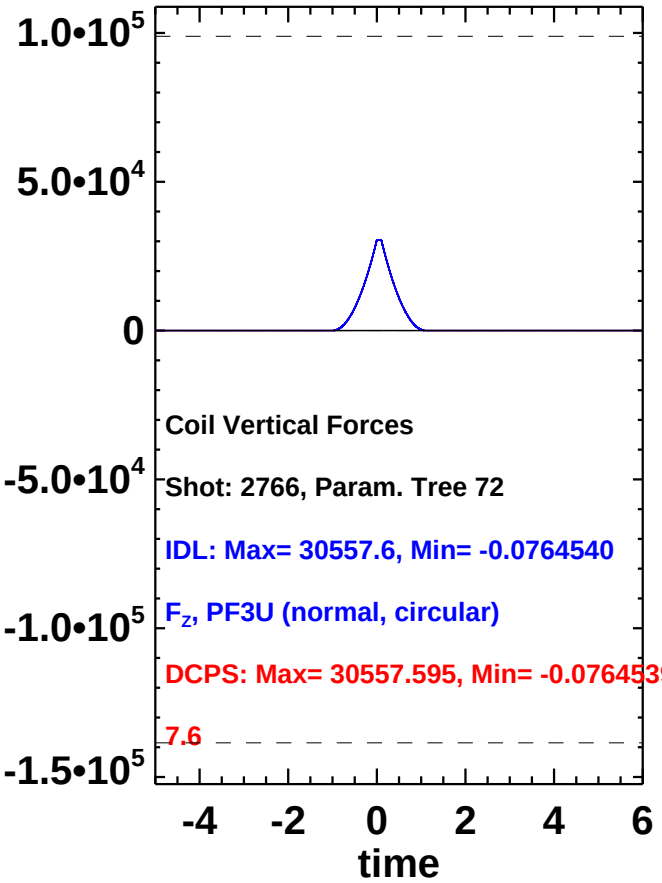

6•10^4
4•10^4
2•10^4
0
-2•10^4
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 16.3698, Min= -13.2260
F_z, PF1cU (post. dis., shaped.)
DCPS: Max= 16.369762, Min= -13.225980
10.4
-4 -2 0 2 4 6
time

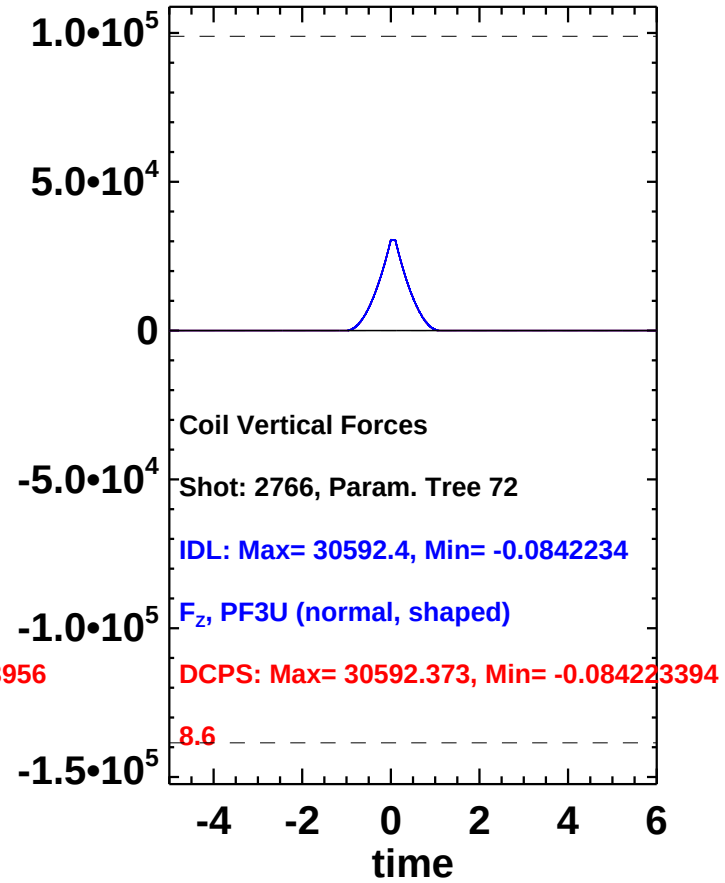

4•10^4
2•10^4
0
-2•10^4
-4•10^4
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 26.4549, Min= -30.7039
F_Z, PF2U (normal, circular)
DCPS: Max= 26.454889, Min= -30.703867
7.5
-4 -2 0 2 4 6
time

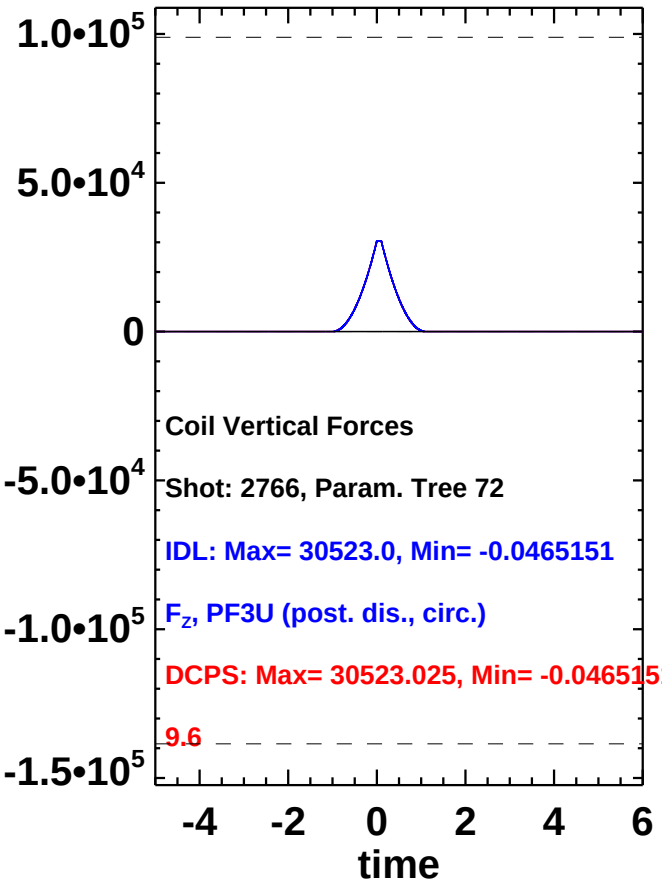

4•10^4
2•10^4
0
-2•10^4
-4•10^4
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 26.4646, Min= -30.7127
F_Z, PF2U (normal, shaped)
DCPS: Max= 26.464599, Min= -30.712741
8.5
-4 -2 0 2 4 6
time

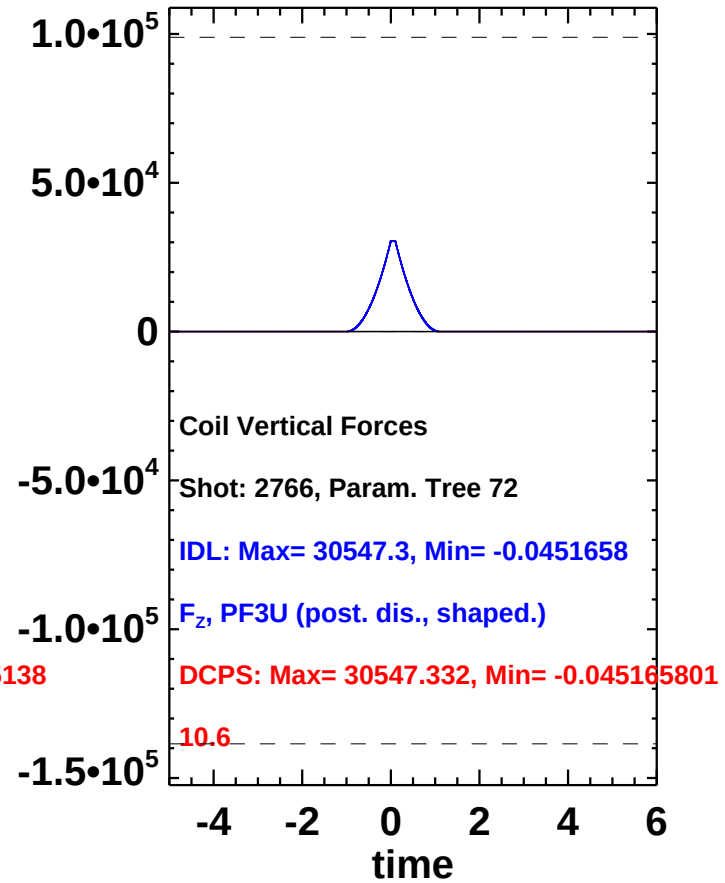

4•10^4
2•10^4
0
-2•10^4
-4•10^4
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 26.0398, Min= -31.0003
F_Z, PF2U (post. dis., circ.)
DCPS: Max= 26.039792, Min= -31.000327
9.5
-4 -2 0 2 4 6
time

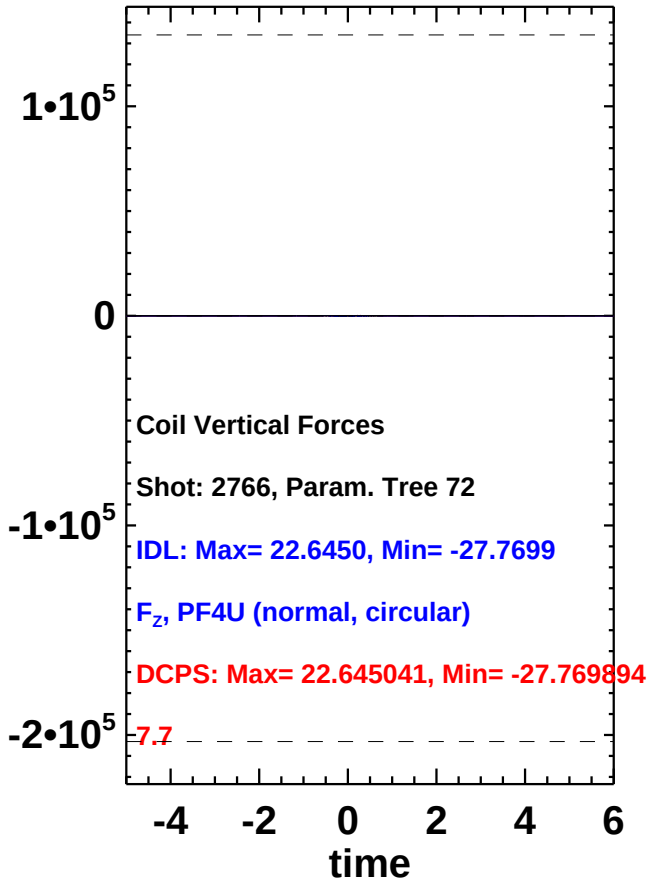

4•10^4
2•10^4
0
-2•10^4
-4•10^4
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 25.5446, Min= -31.3706
F_Z, PF2U (post. dis., shaped.)
DCPS: Max= 25.544612, Min= -31.370636
10.5
-4 -2 0 2 4 6
time

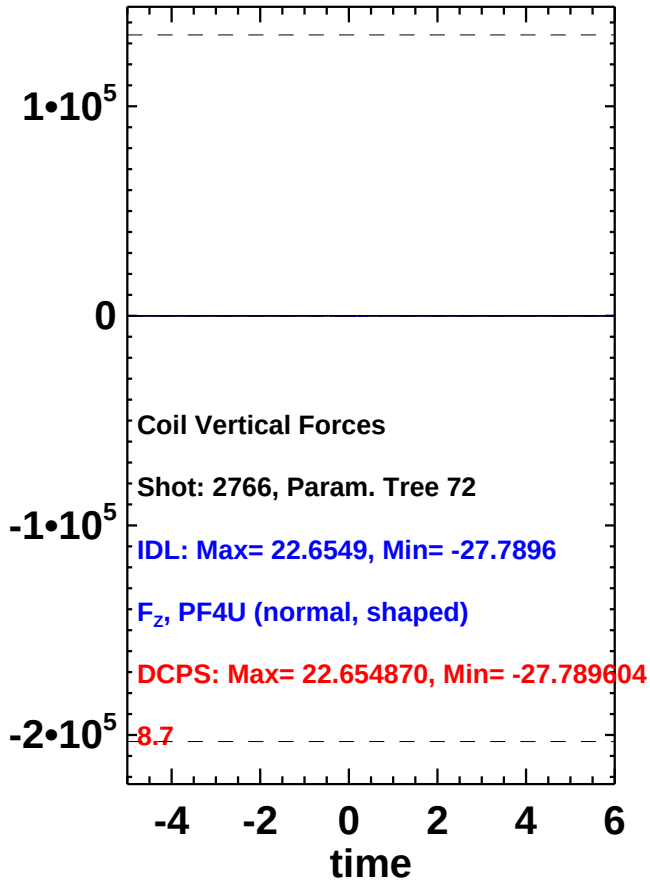

1.0•10^5
5.0•10^4
0
-5.0•10^4
-1.0•10^5
-1.5•10^5
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 30557.6, Min= -0.0764540
F_Z, PF3U (normal, circular)
DCPS: Max= 30557.595, Min= -0.076453956
7.6
-4 -2 0 2 4 6
time

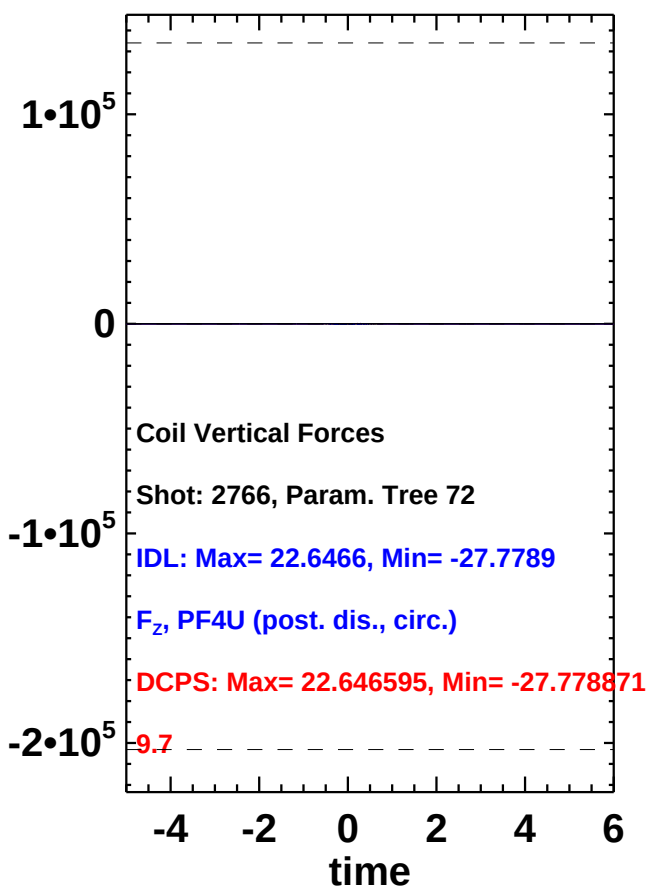

1.0•10^5
5.0•10^4
0
-5.0•10^4
-1.0•10^5
-1.5•10^5
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 30592.4, Min= -0.0842234
F_Z, PF3U (normal, shaped)
DCPS: Max= 30592.373, Min= -0.084223394
8.6
-4 -2 0 2 4 6
time

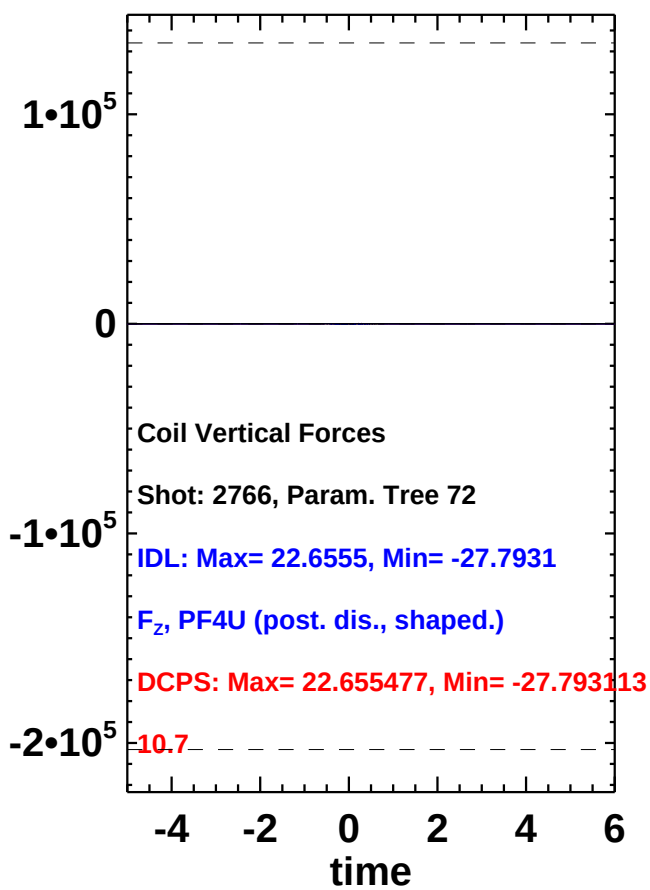

1.0•10^5
5.0•10^4
0
-5.0•10^4
-1.0•10^5
-1.5•10^5
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 30523.0, Min= -0.0465151
F_Z, PF3U (post. dis., circ.)
DCPS: Max= 30523.025, Min= -0.046515138
9.6
-4 -2 0 2 4 6
time

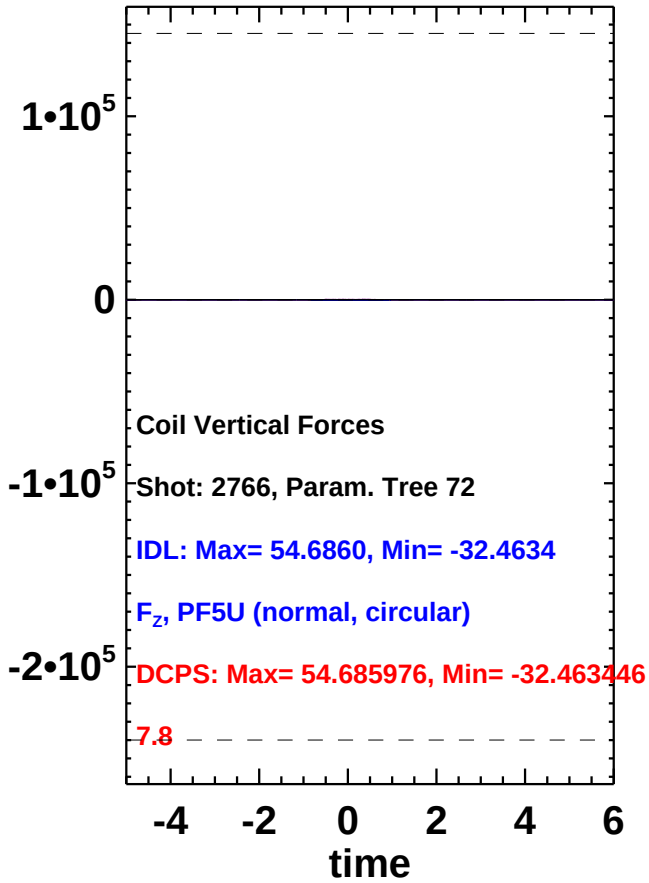

1.0•10^5
5.0•10^4
0
-5.0•10^4
-1.0•10^5
-1.5•10^5
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 30547.3, Min= -0.0451658
F_Z, PF3U (post. dis., shaped.)
DCPS: Max= 30547.332, Min= -0.045165801
10.6
-4 -2 0 2 4 6
time

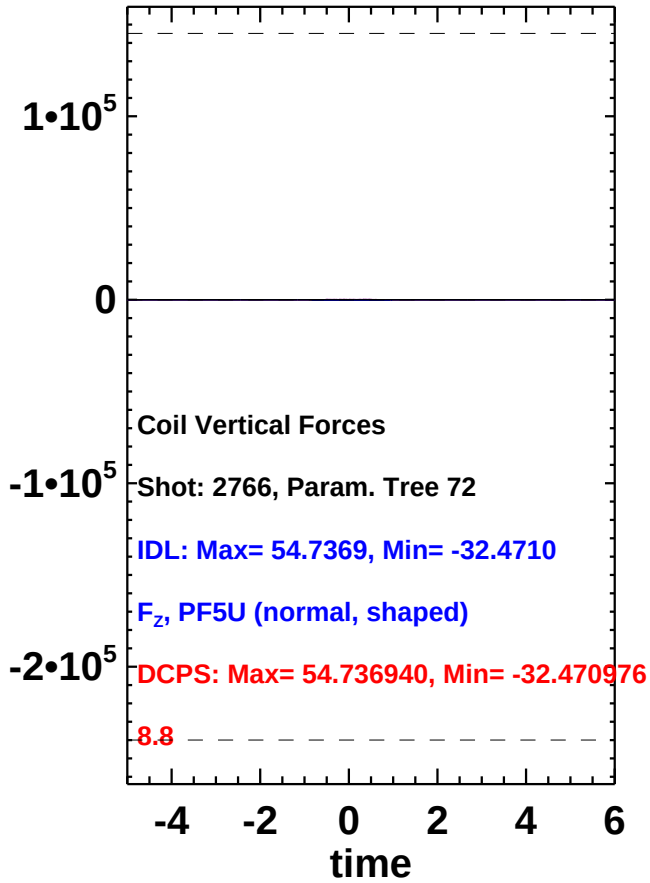

1•10^5
0
-1•10^5
-2•10^5
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 22.6450, Min= -27.7699
F_Z, PF4U (normal, circular)
DCPS: Max= 22.645041, Min= -27.769894
7.7
-4 -2 0 2 4 6
time

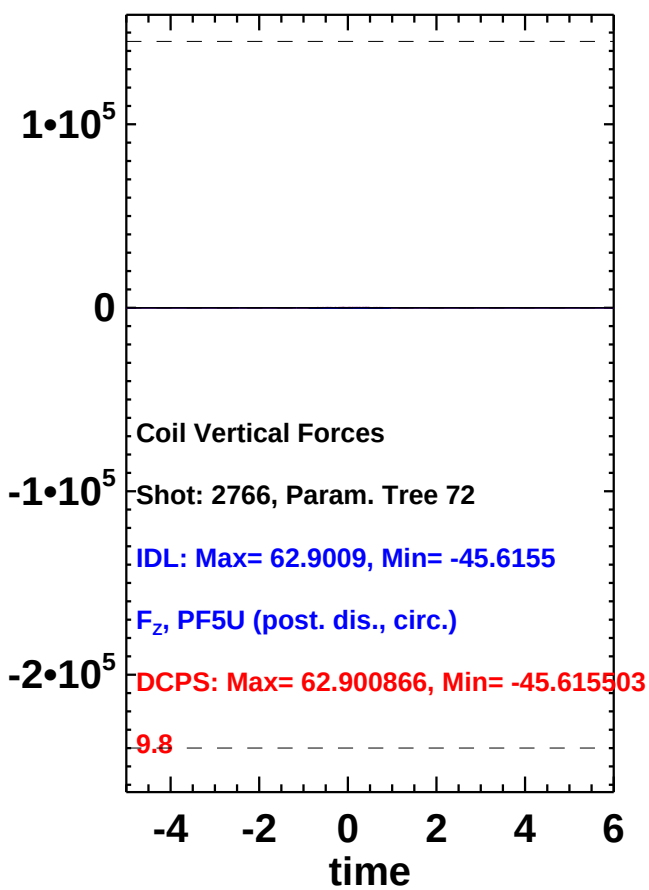

1•10^5
0
-1•10^5
-2•10^5
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 22.6549, Min= -27.7896
F_Z, PF4U (normal, shaped)
DCPS: Max= 22.654870, Min= -27.789604
8.7
-4 -2 0 2 4 6
time

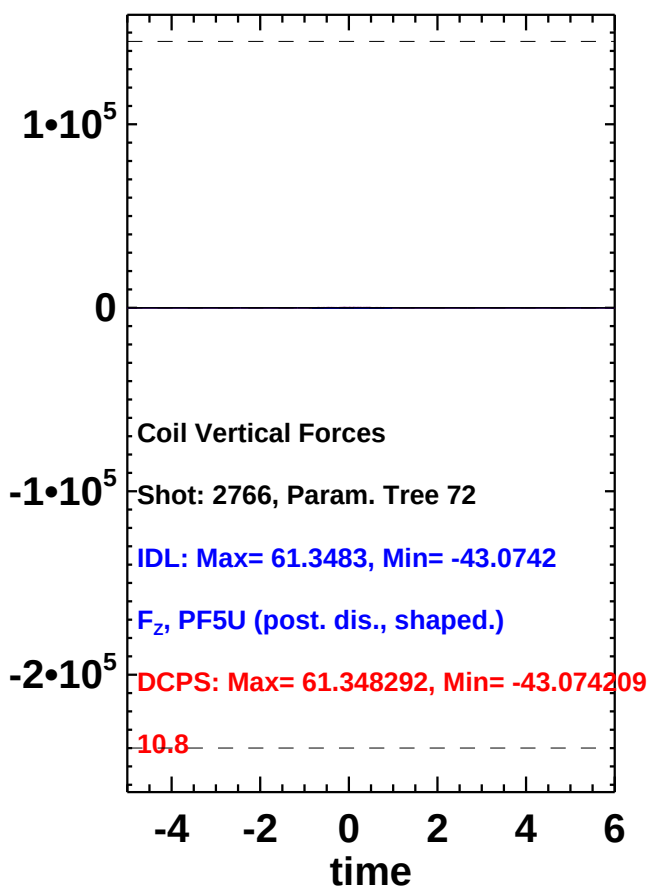

1•10^5
0
-1•10^5
-2•10^5
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 22.6466, Min= -27.7789
F_Z, PF4U (post. dis., circ.)
DCPS: Max= 22.646595, Min= -27.778871
9.7
-4 -2 0 2 4 6
time

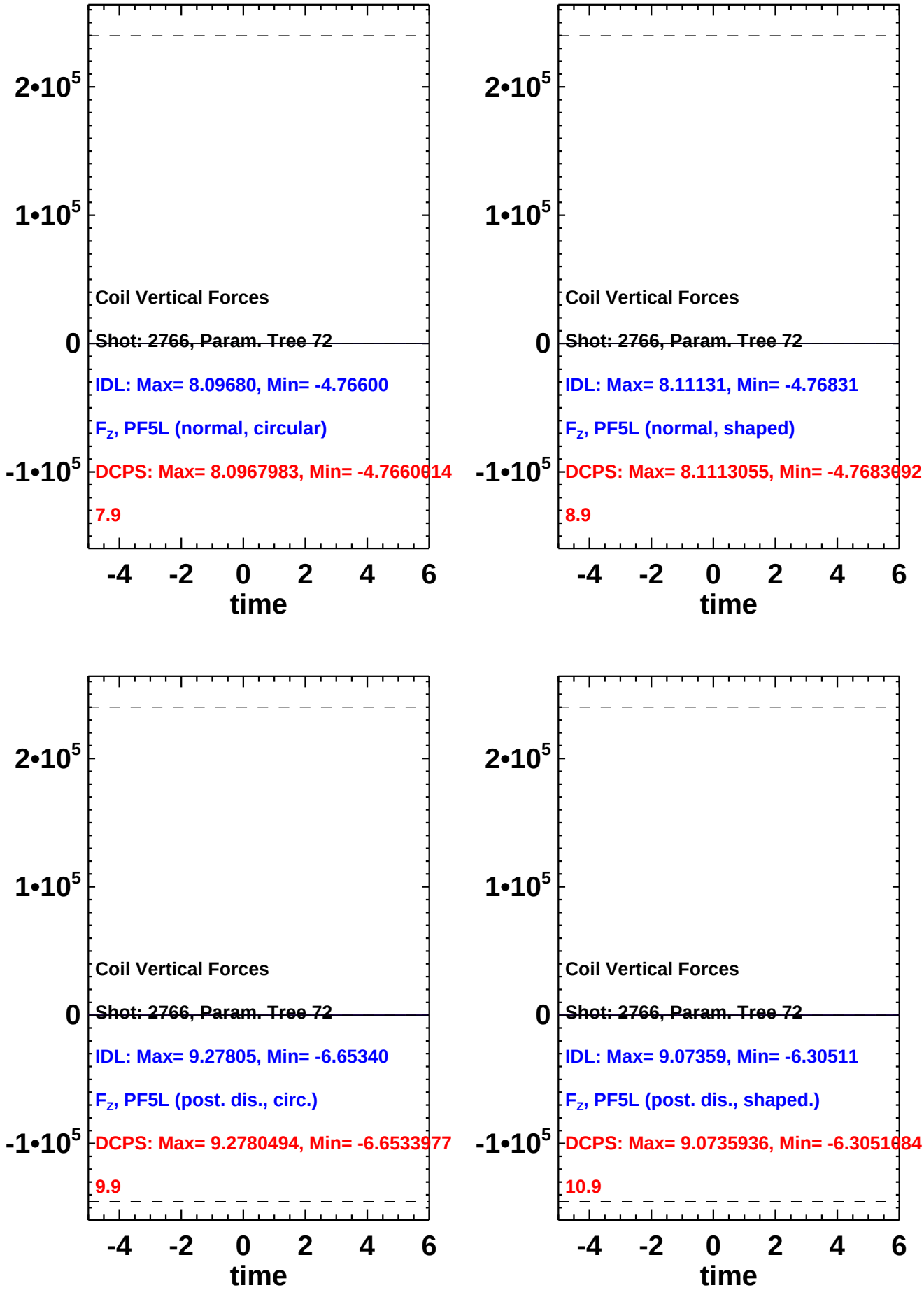

1•10^5
0
-1•10^5
-2•10^5
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 22.6555, Min= -27.7931
F_Z, PF4U (post. dis., shaped.)
DCPS: Max= 22.655477, Min= -27.793113
10.7
-4 -2 0 2 4 6
time

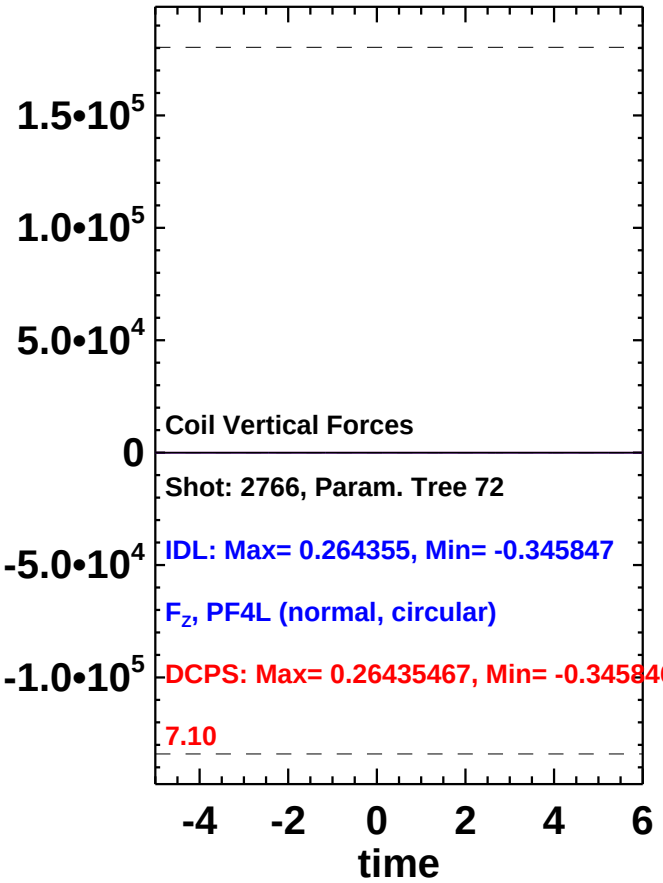

1•10^5
0
-1•10^5
-2•10^5
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 54.6860, Min= -32.4634
F_z, PF5U (normal, circular)
DCPS: Max= 54.685976, Min= -32.463446
7.8
-4 -2 0 2 4 6
time

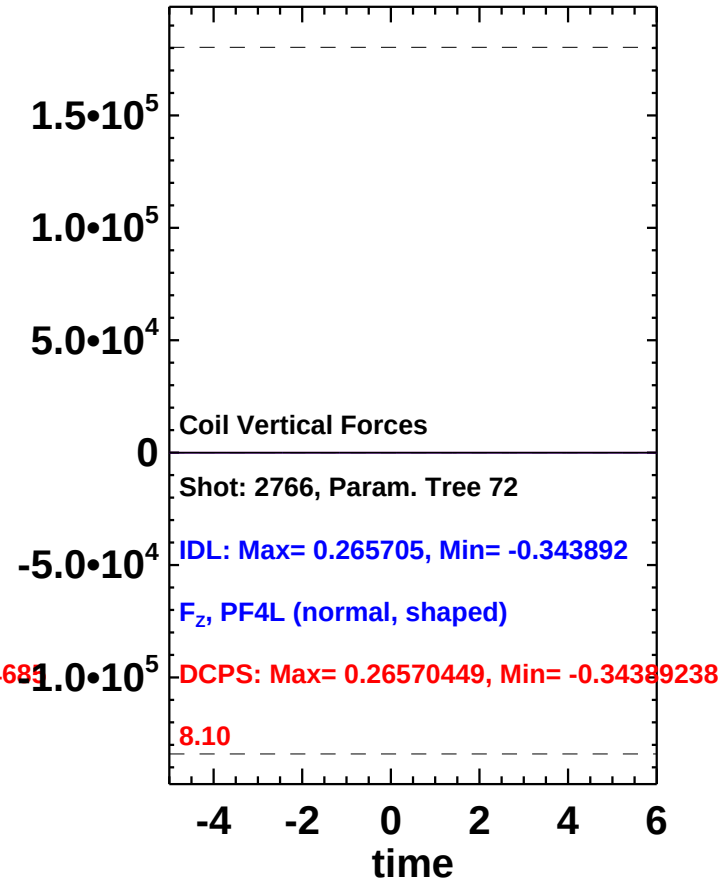

1•10^5
0
-1•10^5
-2•10^5
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 54.7369, Min= -32.4710
F_z, PF5U (normal, shaped)
DCPS: Max= 54.736940, Min= -32.470976
8.8
-4 -2 0 2 4 6
time

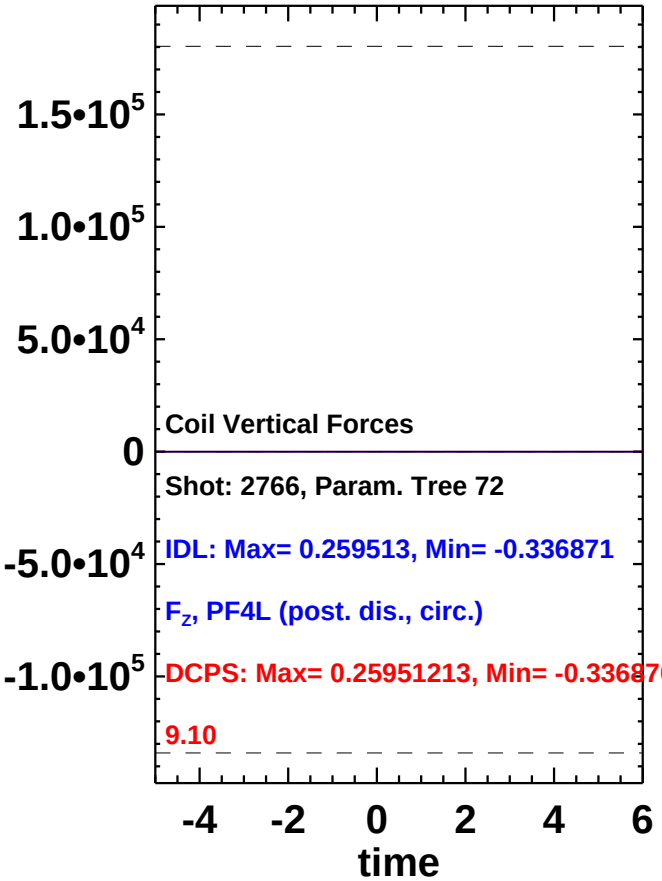

1•10^5
0
-1•10^5
-2•10^5
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 62.9009, Min= -45.6155
F_z, PF5U (post. dis., circ.)
DCPS: Max= 62.900866, Min= -45.615503
9.8
-4 -2 0 2 4 6
time

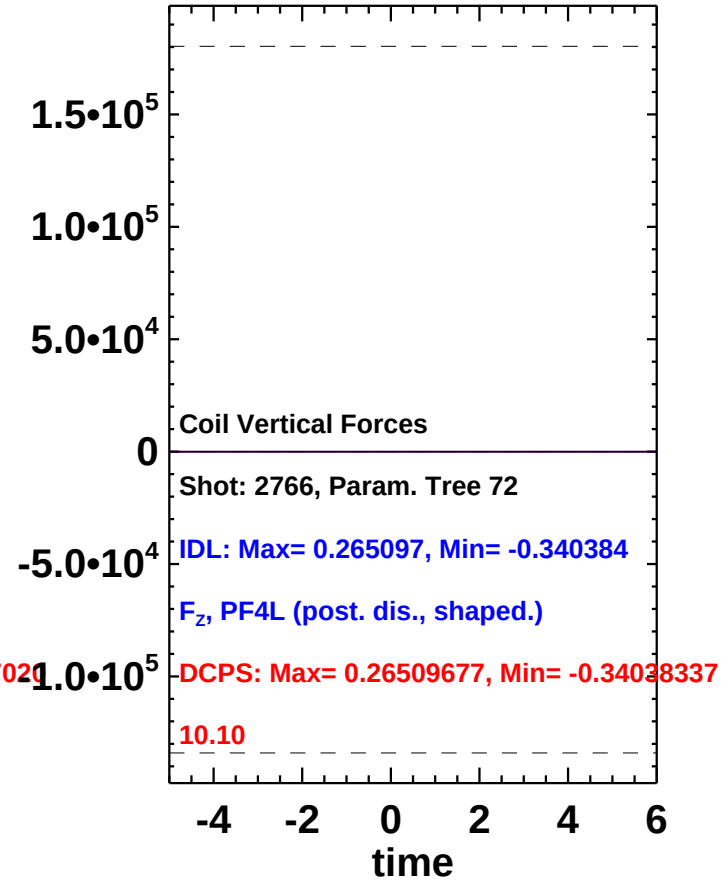

1•10^5
0
-1•10^5
-2•10^5
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 61.3483, Min= -43.0742
F_z, PF5U (post. dis., shaped.)
DCPS: Max= 61.348292, Min= -43.074209
10.8
-4 -2 0 2 4 6
time

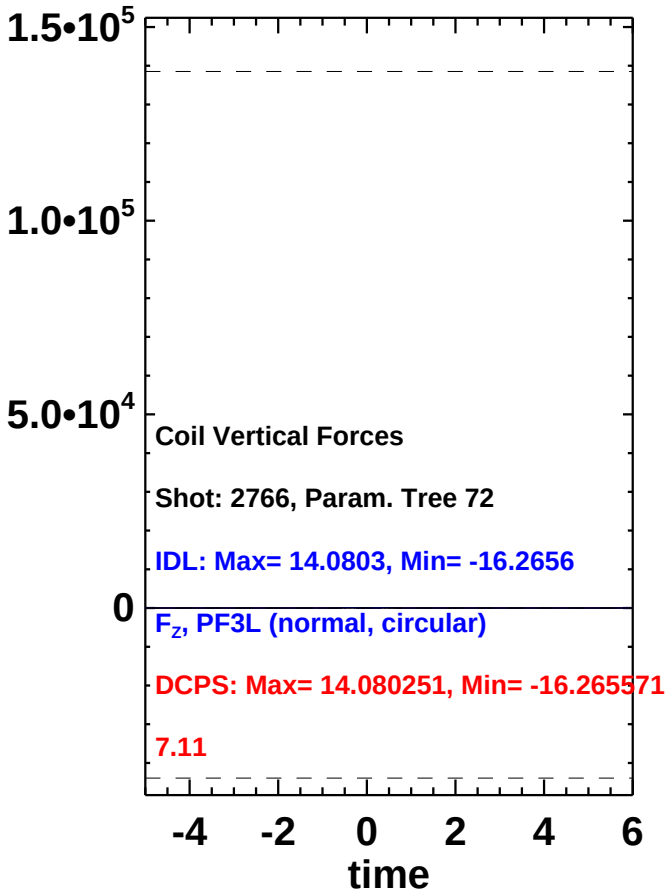

Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 8.09680, Min= -4.76600
F_z, PF5L (normal, circular)
DCPS: Max= 8.0967983, Min= -4.7660614
7.9
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 8.11131, Min= -4.76831
F_z, PF5L (normal, shaped)
DCPS: Max= 8.1113055, Min= -4.7683092
8.9
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 9.27805, Min= -6.65340
F_z, PF5L (post. dis., circ.)
DCPS: Max= 9.2780494, Min= -6.6533977
9.9
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 9.07359, Min= -6.30511
F_z, PF5L (post. dis., shaped.)
DCPS: Max= 9.0735936, Min= -6.3051084
10.9
$2\cdot10^5$
$1\cdot10^5$
0
$-1\cdot10^5$
-4 -2 0 2 4 6
time

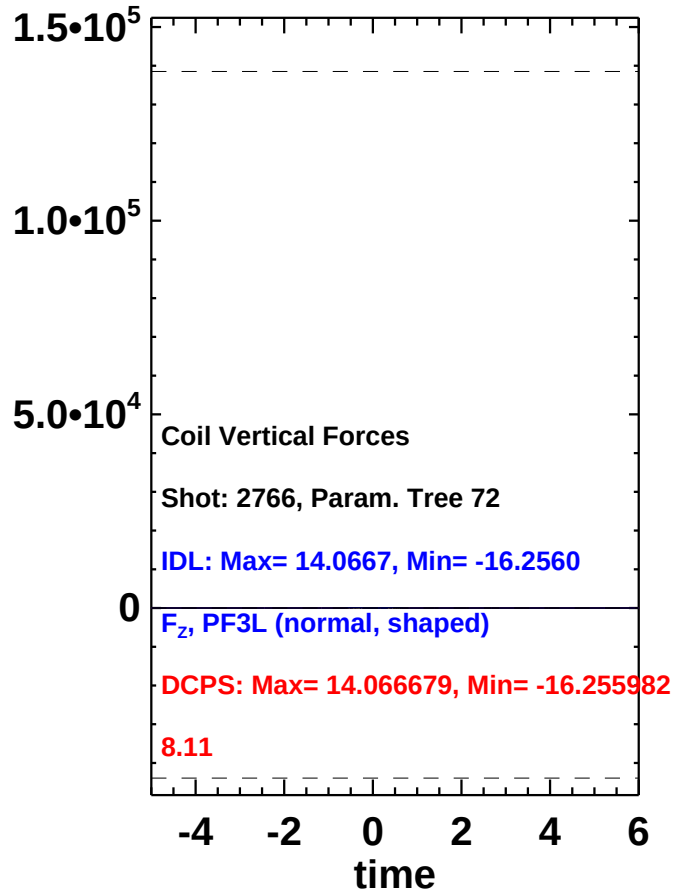

Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 0.264355, Min= -0.345847
F_z, PF4L (normal, circular)
DCPS: Max= 0.26435467, Min= -0.34584681
7.10
1.5•10^5
1.0•10^5
5.0•10^4
0
-5.0•10^4
-1.0•10^5
-4 -2 0 2 4 6
time

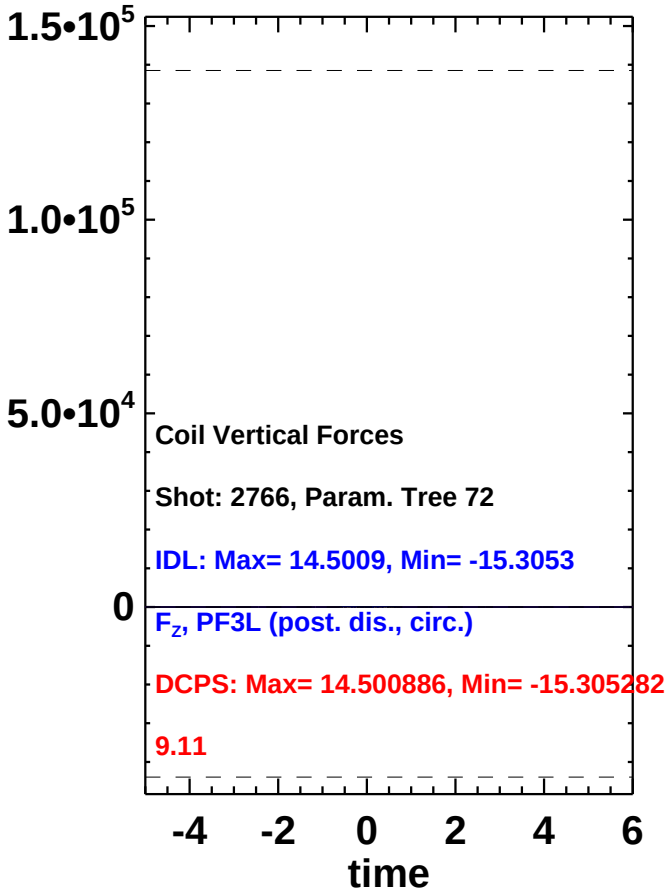

Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 0.265705, Min= -0.343892
F_z, PF4L (normal, shaped)
DCPS: Max= 0.26570449, Min= -0.34389238
8.10
1.5•10^5
1.0•10^5
5.0•10^4
0
-5.0•10^4
-1.0•10^5
-4 -2 0 2 4 6
time

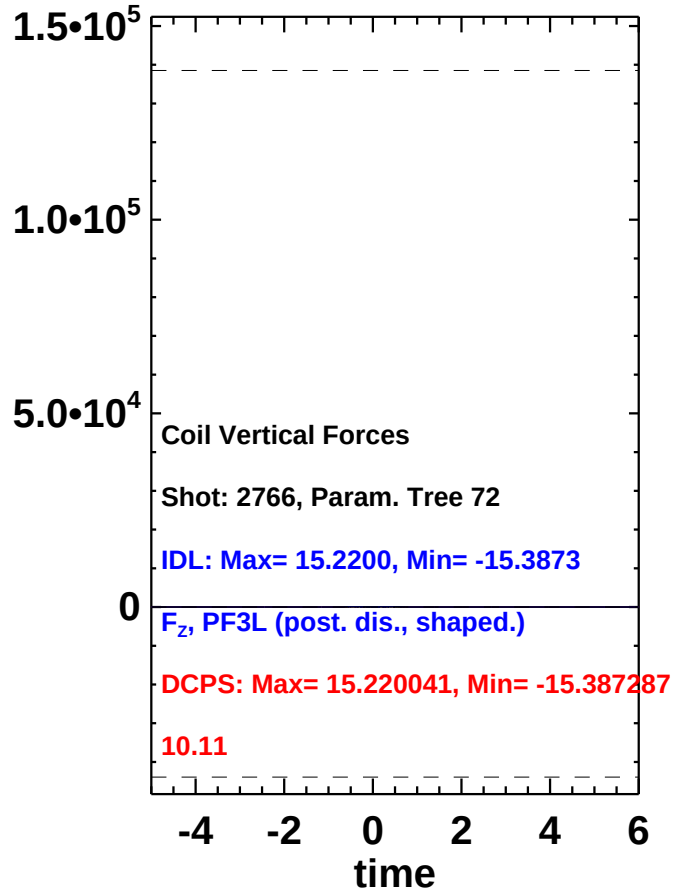

Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 0.259513, Min= -0.336871
F_z, PF4L (post. dis., circ.)
DCPS: Max= 0.25951213, Min= -0.33687021
9.10
1.5•10^5
1.0•10^5
5.0•10^4
0
-5.0•10^4
-1.0•10^5
-4 -2 0 2 4 6
time

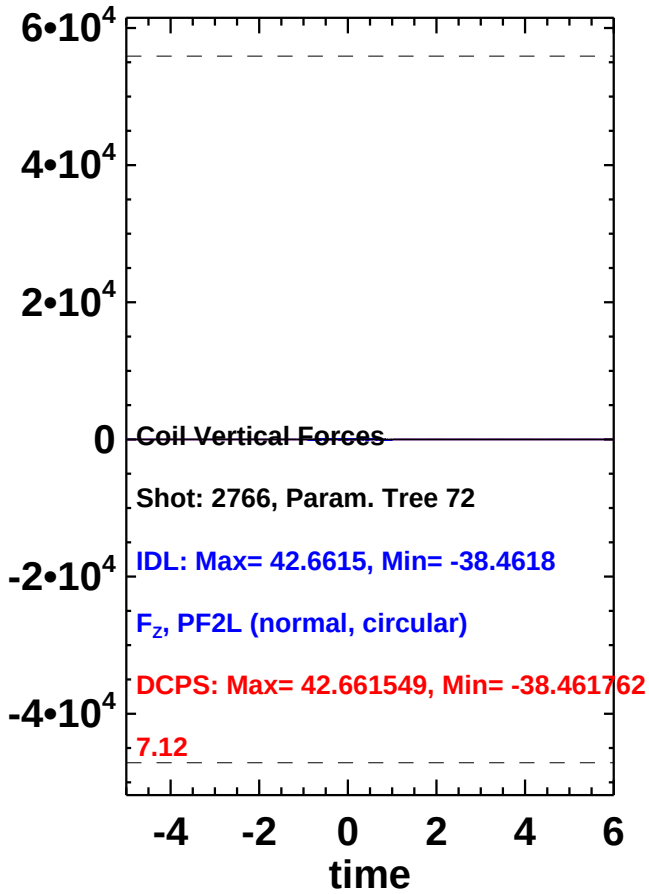

Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 0.265097, Min= -0.340384
F_z, PF4L (post. dis., shaped.)
DCPS: Max= 0.26509677, Min= -0.34038337
10.10
1.5•10^5
1.0•10^5
5.0•10^4
0
-5.0•10^4
-1.0•10^5
-4 -2 0 2 4 6
time

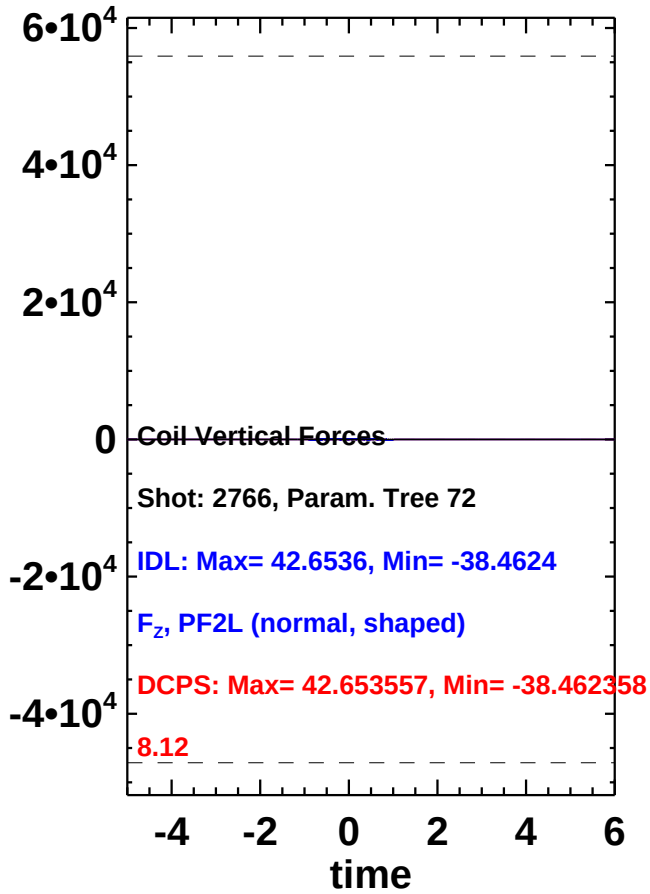

1.5•10^5
1.0•10^5
5.0•10^4
0
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 14.0803, Min= -16.2656
F_Z, PF3L (normal, circular)
DCPS: Max= 14.080251, Min= -16.265571
7.11
-4 -2 0 2 4 6
time

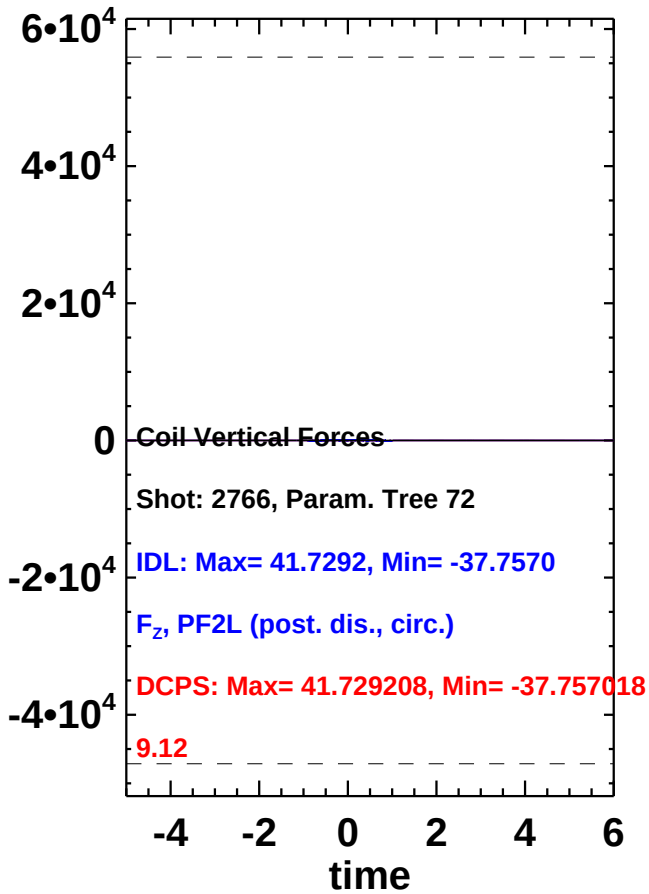

1.5•10^5
1.0•10^5
5.0•10^4
0
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 14.0667, Min= -16.2560
F_Z, PF3L (normal, shaped)
DCPS: Max= 14.066679, Min= -16.255982
8.11
-4 -2 0 2 4 6
time

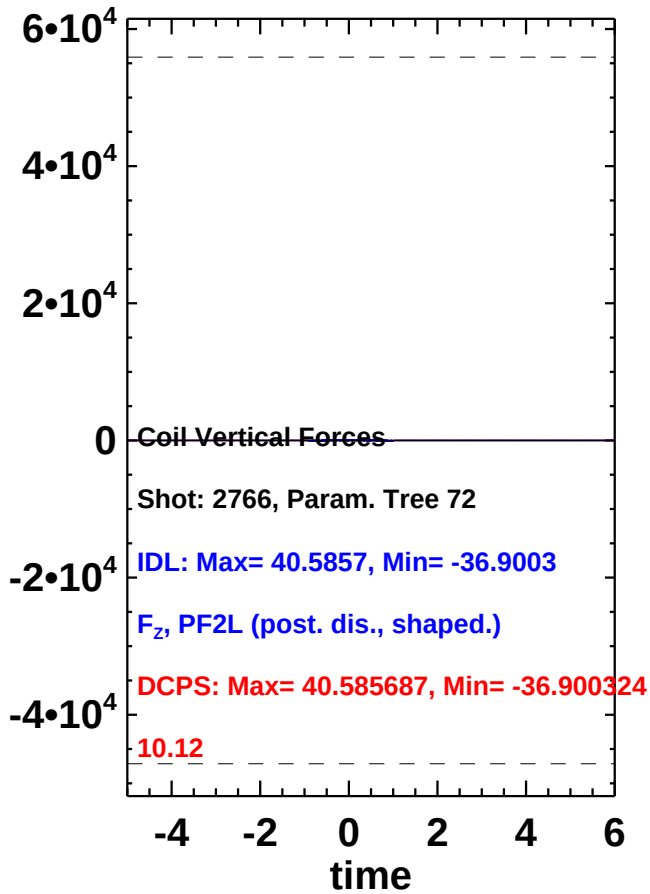

1.5•10^5
1.0•10^5
5.0•10^4
0
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 14.5009, Min= -15.3053
F_Z, PF3L (post. dis., circ.)
DCPS: Max= 14.500886, Min= -15.305282
9.11
-4 -2 0 2 4 6
time

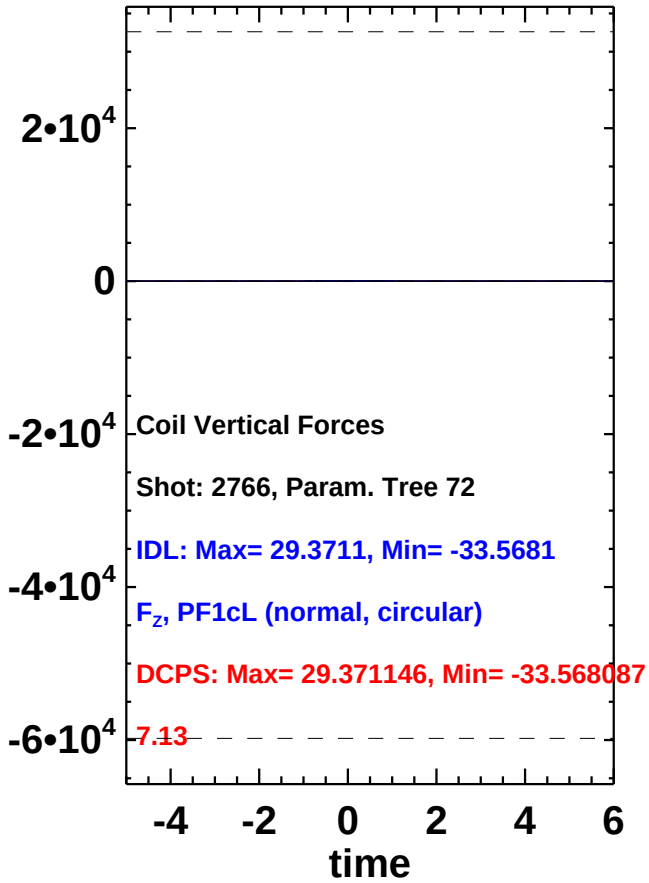

1.5•10^5
1.0•10^5
5.0•10^4
0
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 15.2200, Min= -15.3873
F_Z, PF3L (post. dis., shaped.)
DCPS: Max= 15.220041, Min= -15.387287
10.11
-4 -2 0 2 4 6
time

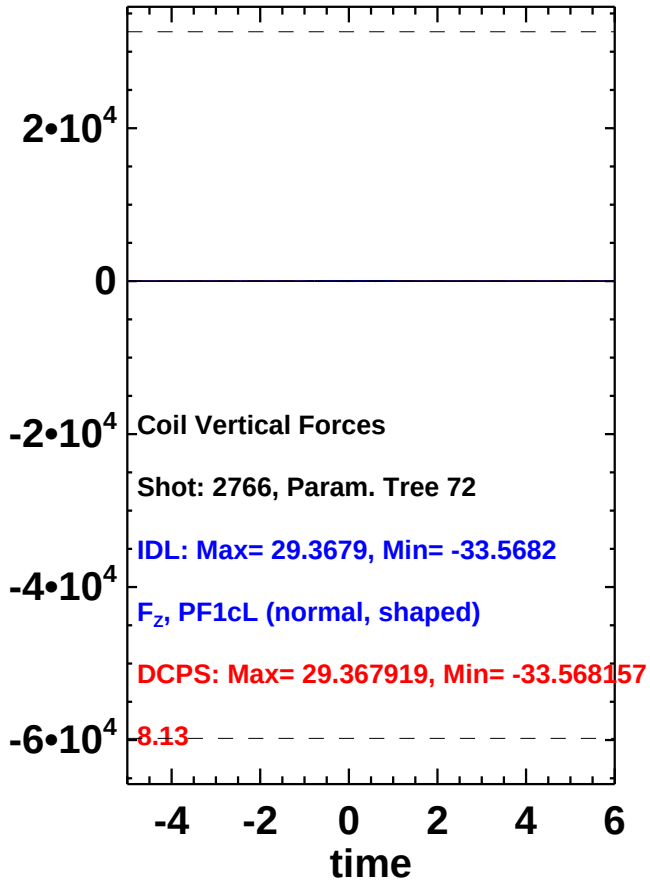

Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 42.6615, Min= -38.4618
F_z, PF2L (normal, circular)
DCPS: Max= 42.661549, Min= -38.461762
7.12
time

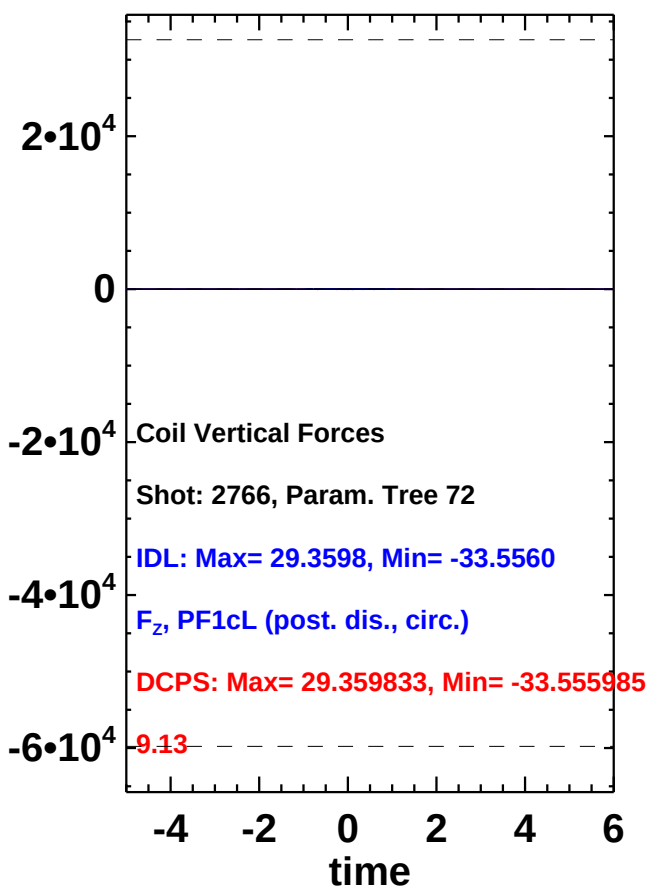

Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 42.6536, Min= -38.4624
F_z, PF2L (normal, shaped)
DCPS: Max= 42.653557, Min= -38.462358
8.12
time

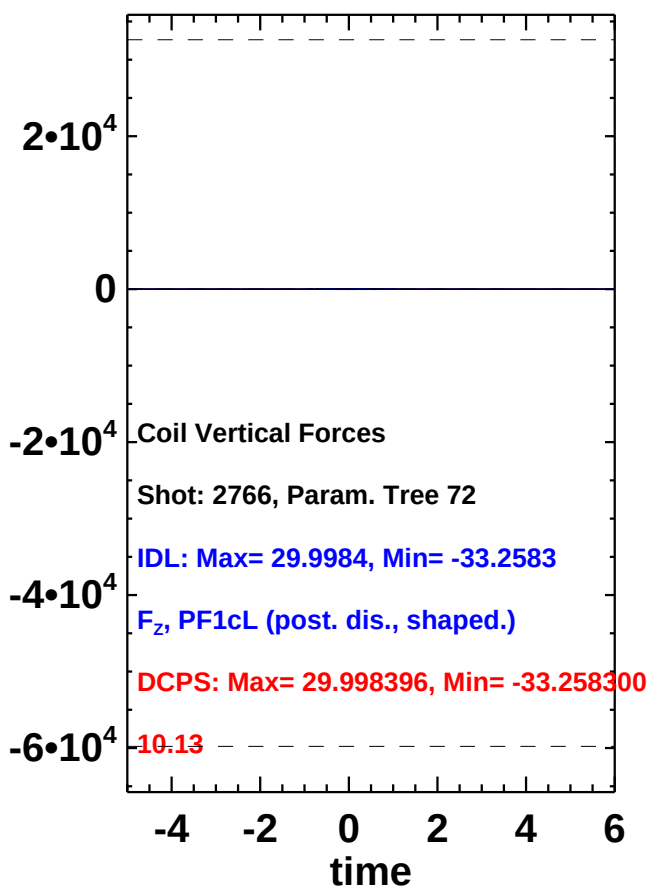

Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 41.7292, Min= -37.7570
F_z, PF2L (post. dis., circ.)
DCPS: Max= 41.729208, Min= -37.757018
9.12
time

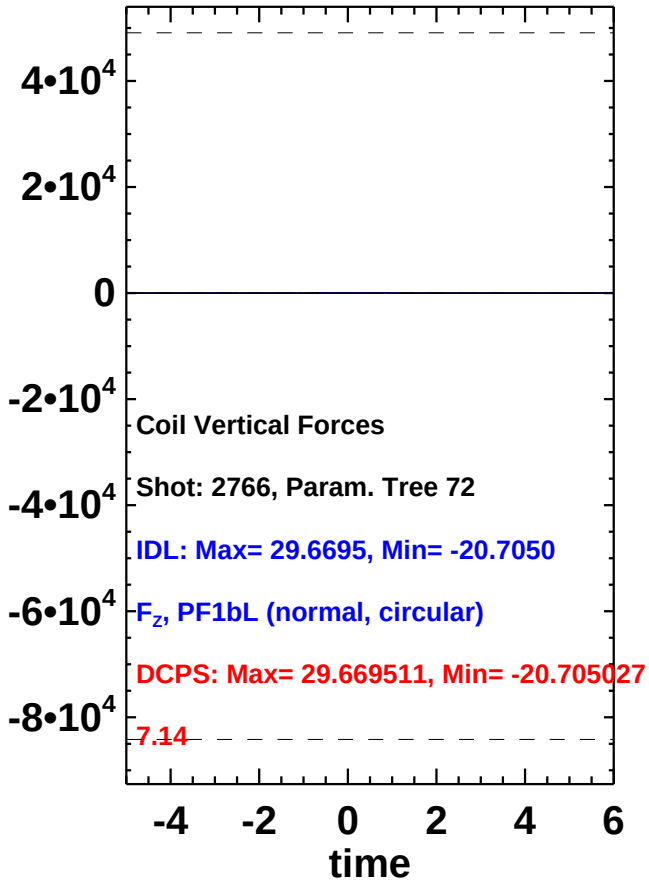

Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 40.5857, Min= -36.9003
F_z, PF2L (post. dis., shaped.)
DCPS: Max= 40.585687, Min= -36.900324
10.12
time

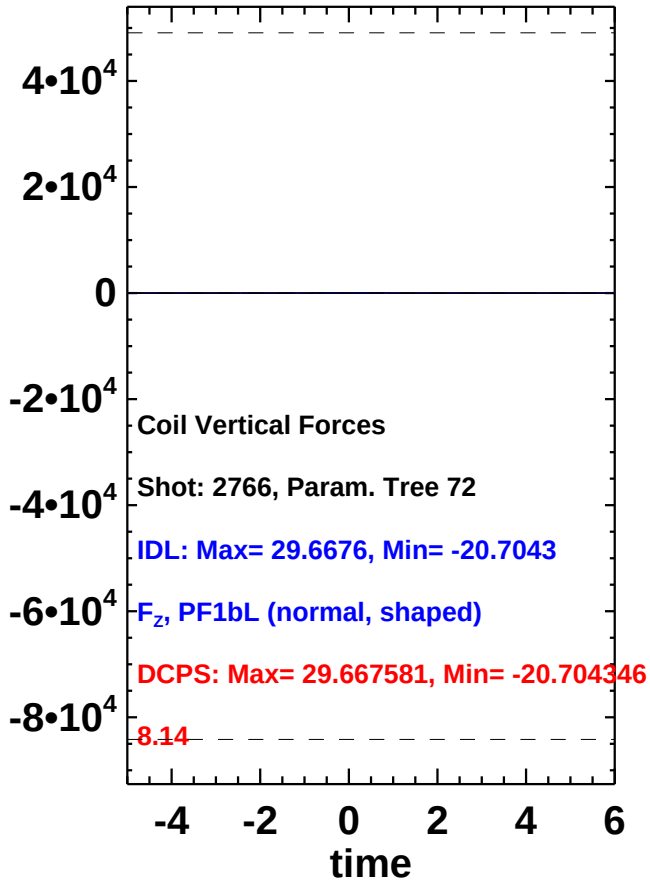

2•10^4
0
-2•10^4
-4•10^4
-6•10^4
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 29.3711, Min= -33.5681
F_z, PF1cL (normal, circular)
DCPS: Max= 29.371146, Min= -33.568087
7.13
-4 -2 0 2 4 6
time

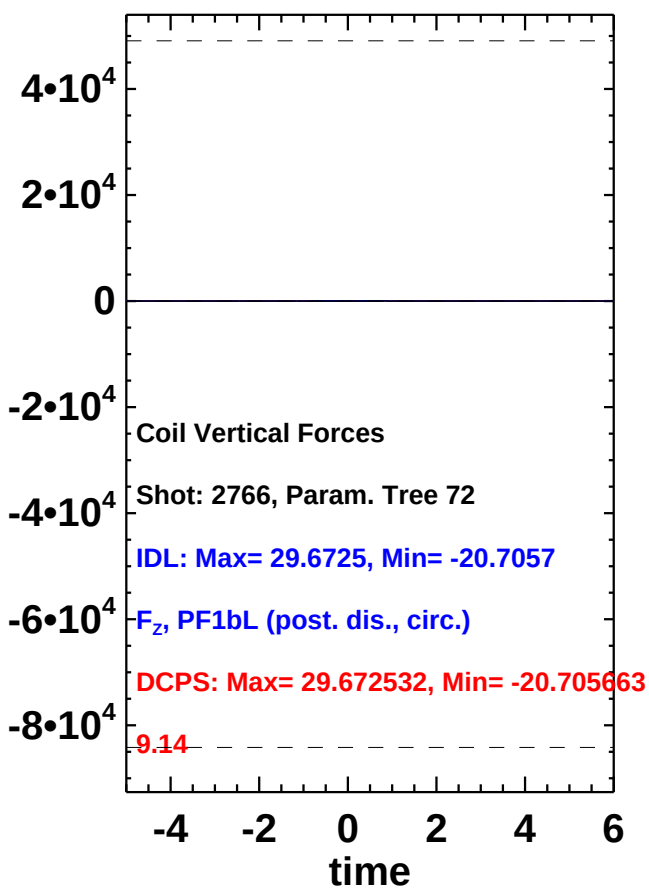

2•10^4
0
-2•10^4
-4•10^4
-6•10^4
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 29.3679, Min= -33.5682
F_z, PF1cL (normal, shaped)
DCPS: Max= 29.367919, Min= -33.568157
8.13
-4 -2 0 2 4 6
time

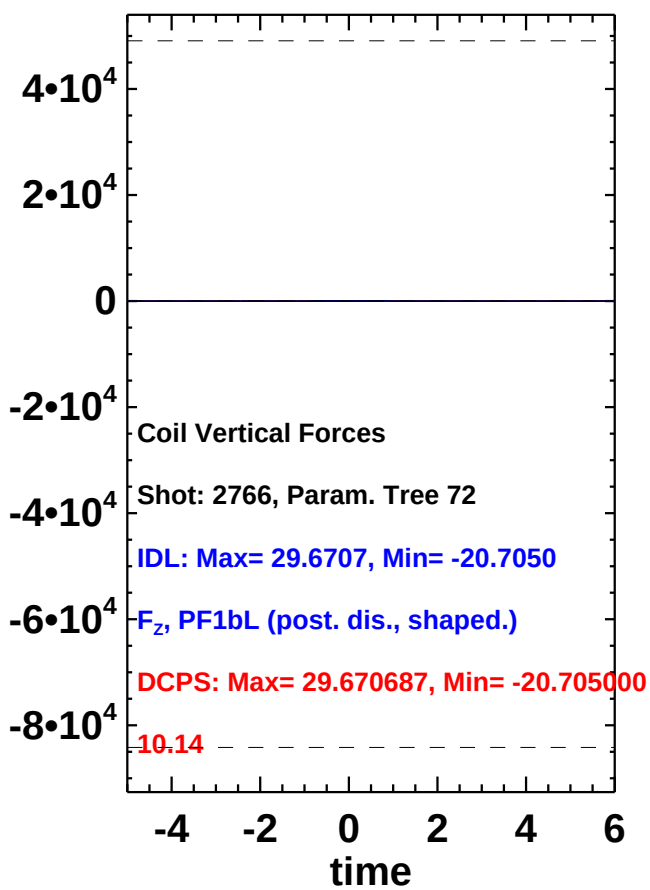

2•10^4
0
-2•10^4
-4•10^4
-6•10^4
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 29.3598, Min= -33.5560
F_z, PF1cL (post. dis., circ.)
DCPS: Max= 29.359833, Min= -33.555985
9.13
-4 -2 0 2 4 6
time

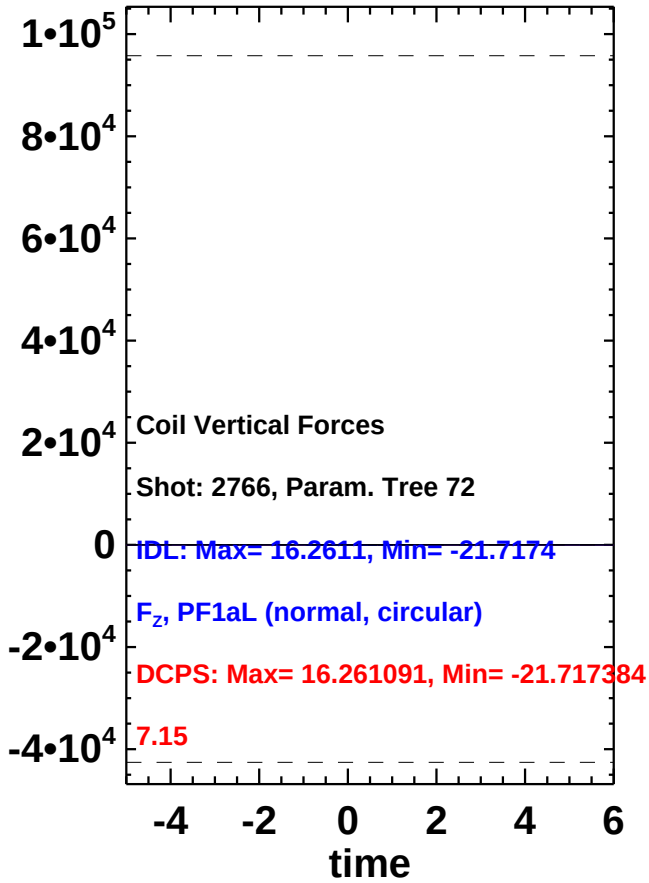

2•10^4
0
-2•10^4
-4•10^4
-6•10^4
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 29.9984, Min= -33.2583
F_z, PF1cL (post. dis., shaped.)
DCPS: Max= 29.998396, Min= -33.258300
10.13
-4 -2 0 2 4 6
time

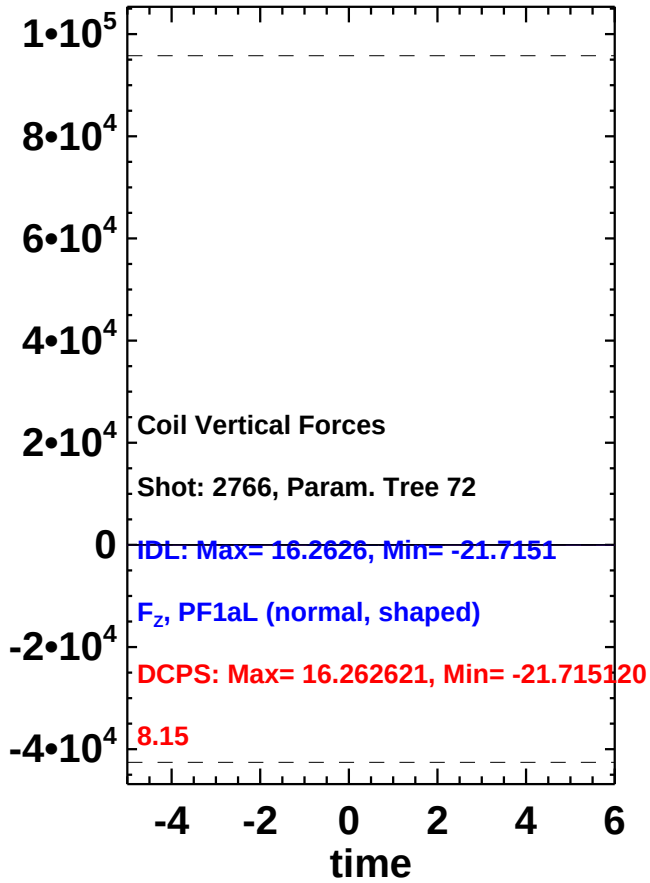

4•10^4
2•10^4
0
-2•10^4
-4•10^4
-6•10^4
-8•10^4
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 29.6695, Min= -20.7050
F_z, PF1bL (normal, circular)
DCPS: Max= 29.669511, Min= -20.705027
7.14
-4 -2 0 2 4 6
time

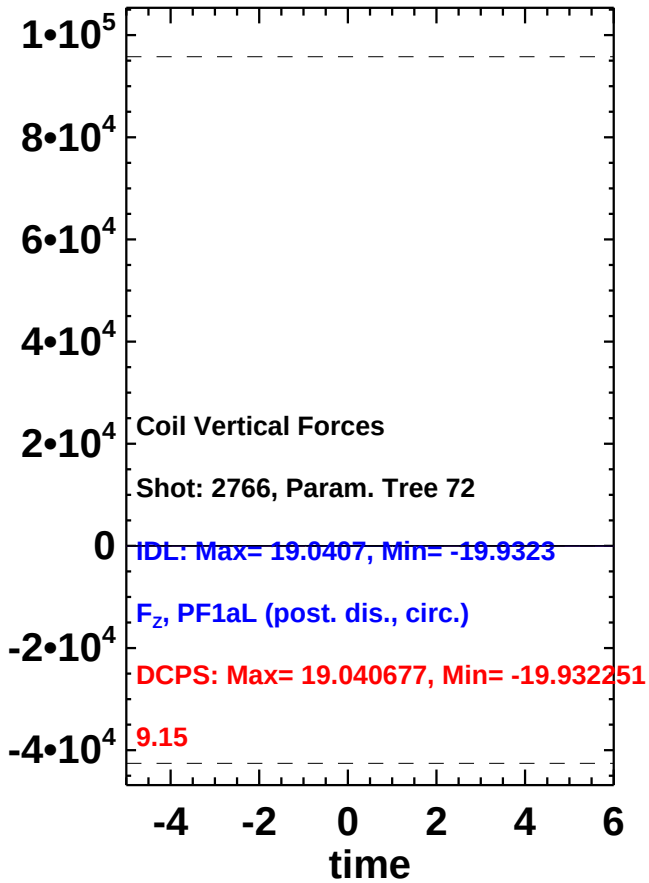

4•10^4
2•10^4
0
-2•10^4
-4•10^4
-6•10^4
-8•10^4
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 29.6676, Min= -20.7043
F_z, PF1bL (normal, shaped)
DCPS: Max= 29.667581, Min= -20.704346
8.14
-4 -2 0 2 4 6
time

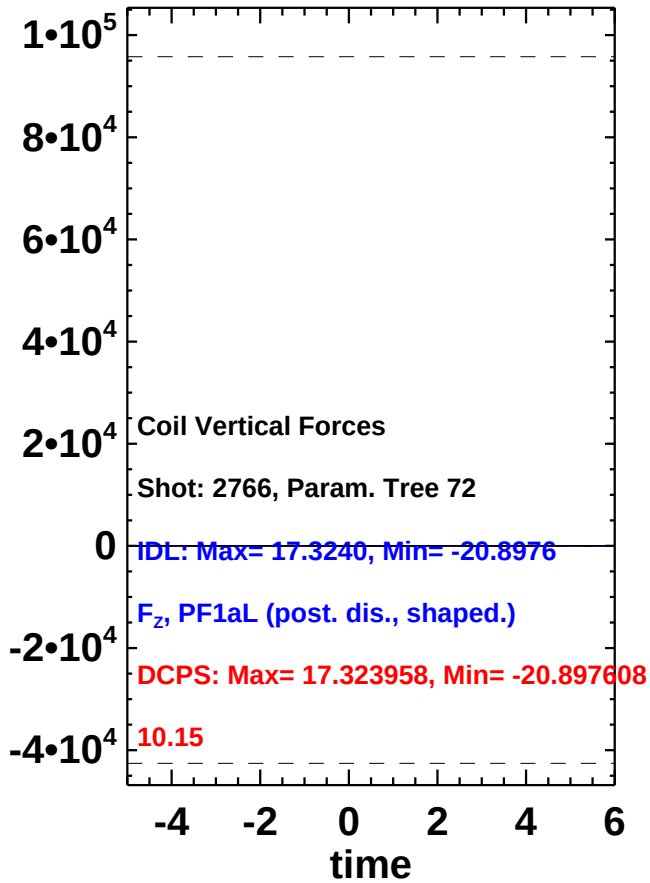

4•10^4
2•10^4
0
-2•10^4
-4•10^4
-6•10^4
-8•10^4
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 29.6725, Min= -20.7057
F_z, PF1bL (post. dis., circ.)
DCPS: Max= 29.672532, Min= -20.705663
9.14
-4 -2 0 2 4 6
time

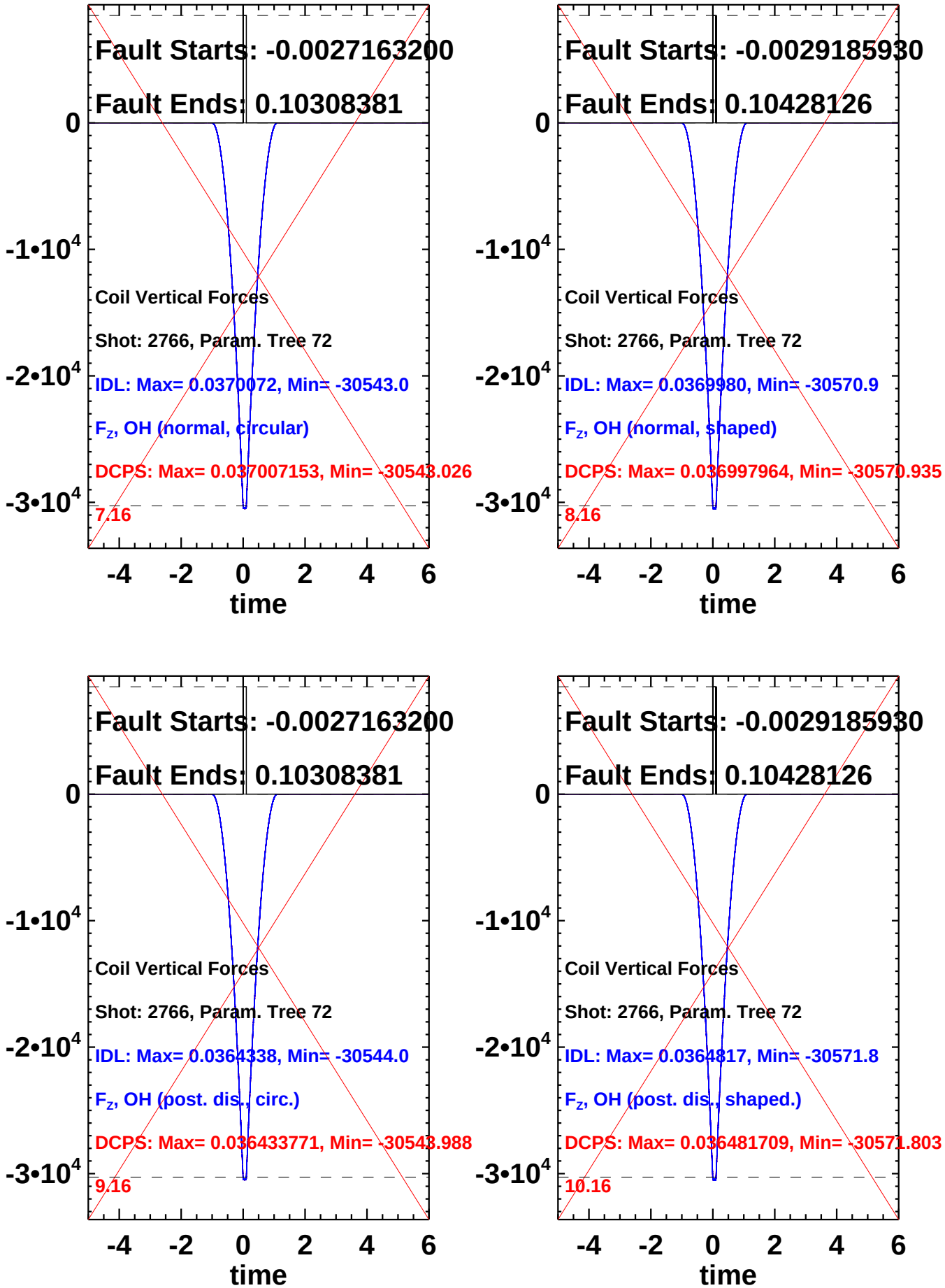

4•10^4
2•10^4
0
-2•10^4
-4•10^4
-6•10^4
-8•10^4
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 29.6707, Min= -20.7050
F_z, PF1bL (post. dis., shaped.)
DCPS: Max= 29.670687, Min= -20.705000
10.14
-4 -2 0 2 4 6
time

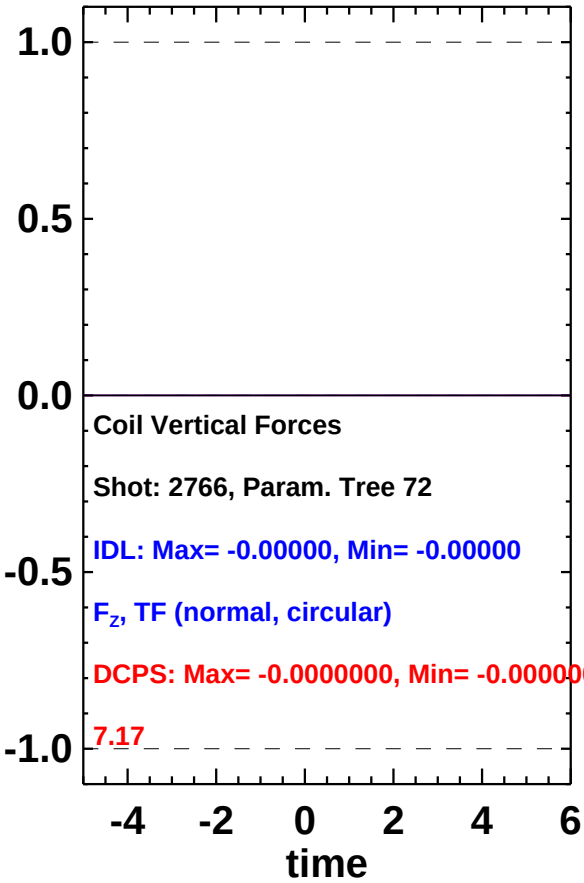

Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 16.2611, Min= -21.7174
F_z, PF1aL (normal, circular)
DCPS: Max= 16.261091, Min= -21.717384
7.15
time

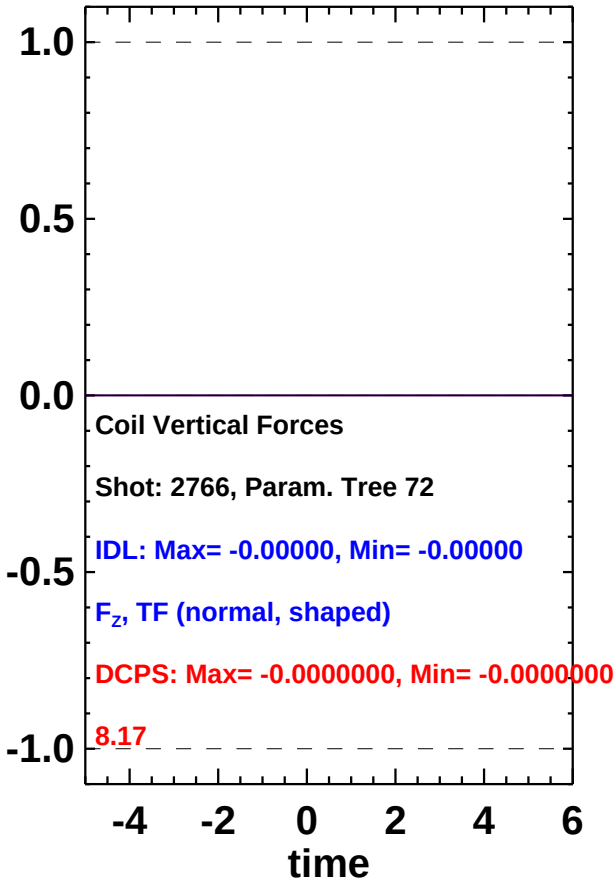

Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 16.2626, Min= -21.7151
F_z, PF1aL (normal, shaped)
DCPS: Max= 16.262621, Min= -21.715120
8.15
time

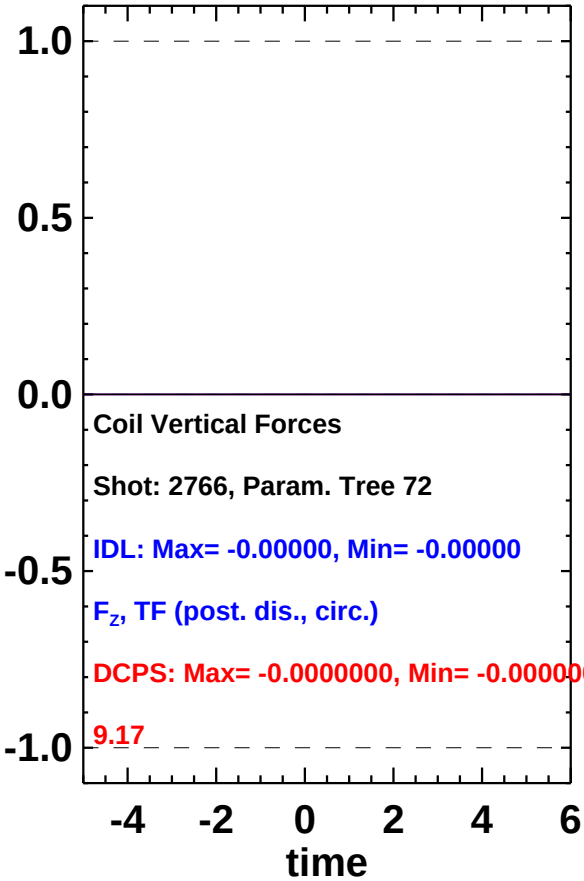

Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 19.0407, Min= -19.9323
F_z, PF1aL (post. dis., circ.)
DCPS: Max= 19.040677, Min= -19.932251
9.15
time

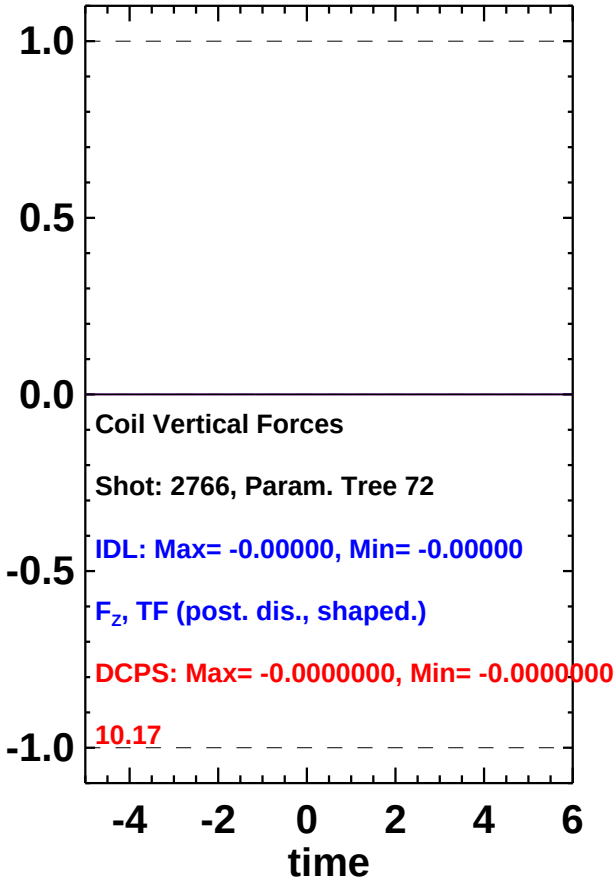

Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 17.3240, Min= -20.8976
F_z, PF1aL (post. dis., shaped.)
DCPS: Max= 17.323958, Min= -20.897608
10.15
time


Fault Starts: -0.0027163200
Fault Ends: 0.10308381
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 0.0370072, Min= -30543.0
F_z, OH (normal, circular)
DCPS: Max= 0.037007153, Min= -30543.026
7.16
Fault Starts: -0.0029185930
Fault Ends: 0.10428126
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 0.0369980, Min= -30570.9
F_z, OH (normal, shaped)
DCPS: Max= 0.036997964, Min= -30570.935
8.16
Fault Starts: -0.0027163200
Fault Ends: 0.10308381
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 0.0364338, Min= -30544.0
F_z, OH (post. dis., circ.)
DCPS: Max= 0.036433771, Min= -30543.988
9.16
Fault Starts: -0.0029185930
Fault Ends: 0.10428126
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= 0.0364817, Min= -30571.8
F_z, OH (post. dis., shaped.)
DCPS: Max= 0.036481709, Min= -30571.803
10.16
0
$-1\cdot10^4$
$-2\cdot10^4$
$-3\cdot10^4$
-4 -2 0 2 4 6
time


1.0
0.5
0.0
-0.5
-1.0
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= -0.00000, Min= -0.00000
F_z, TF (normal, circular)
DCPS: Max= -0.0000000, Min= -0.0000000
7.17
-4
-2
0
2
4
6
time


1.0
0.5
0.0
-0.5
-1.0
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= -0.00000, Min= -0.00000
F_z, TF (normal, shaped)
DCPS: Max= -0.0000000, Min= -0.0000000
8.17
-4
-2
0
2
4
6
time


1.0
0.5
0.0
-0.5
-1.0
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= -0.00000, Min= -0.00000
F_z, TF (post. dis., circ.)
DCPS: Max= -0.0000000, Min= -0.0000000
9.17
-4
-2
0
2
4
6
time


1.0
0.5
0.0
-0.5
-1.0
Coil Vertical Forces
Shot: 2766, Param. Tree 72
IDL: Max= -0.00000, Min= -0.00000
F_z, TF (post. dis., shaped.)
DCPS: Max= -0.0000000, Min= -0.0000000
10.17
-4
-2
0
2
4
6
time