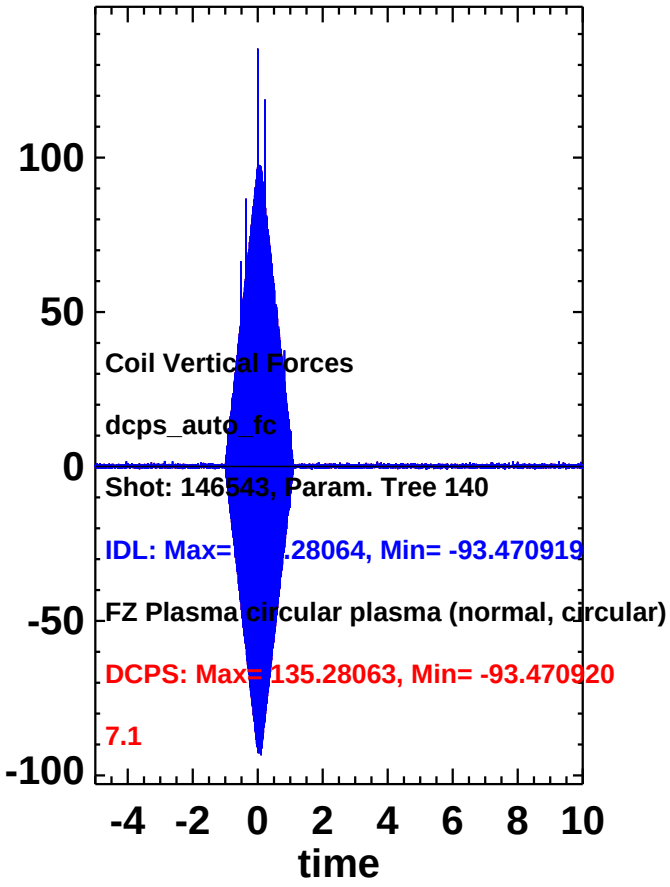
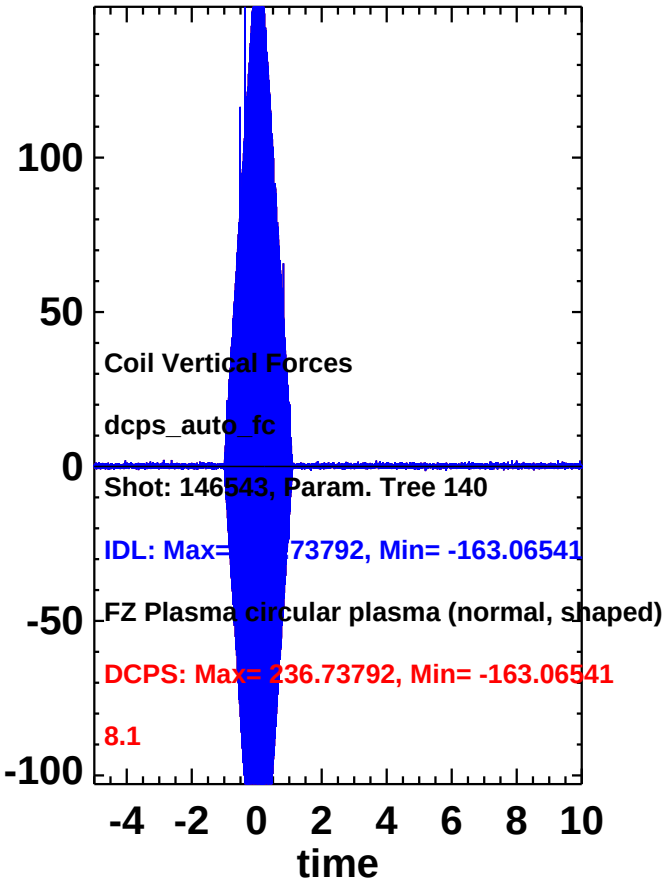
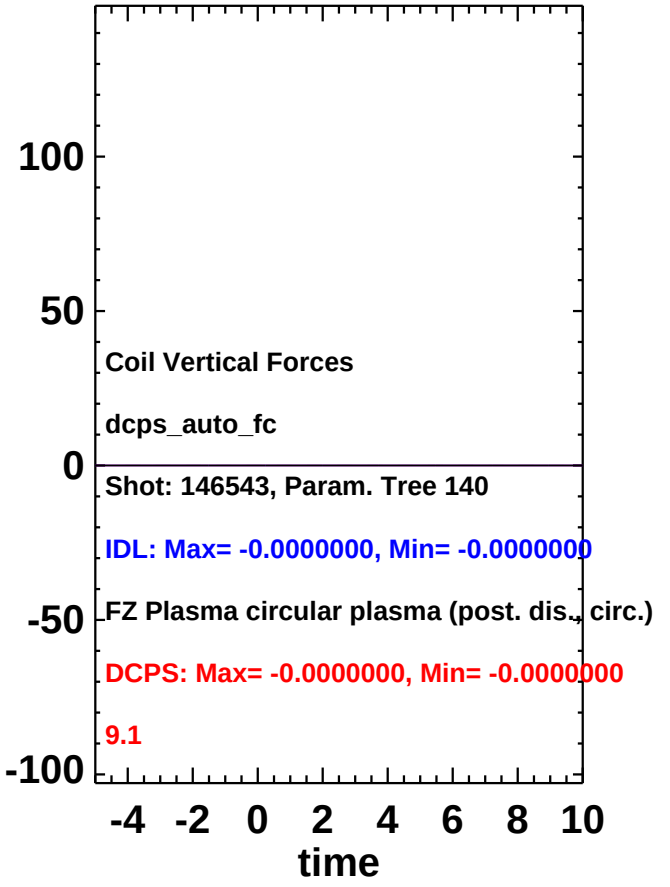
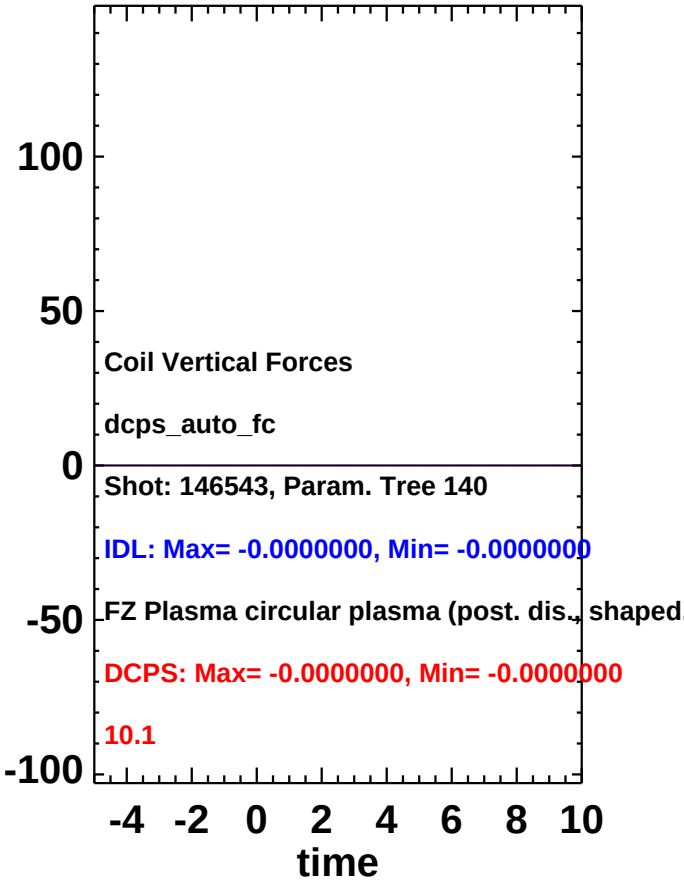
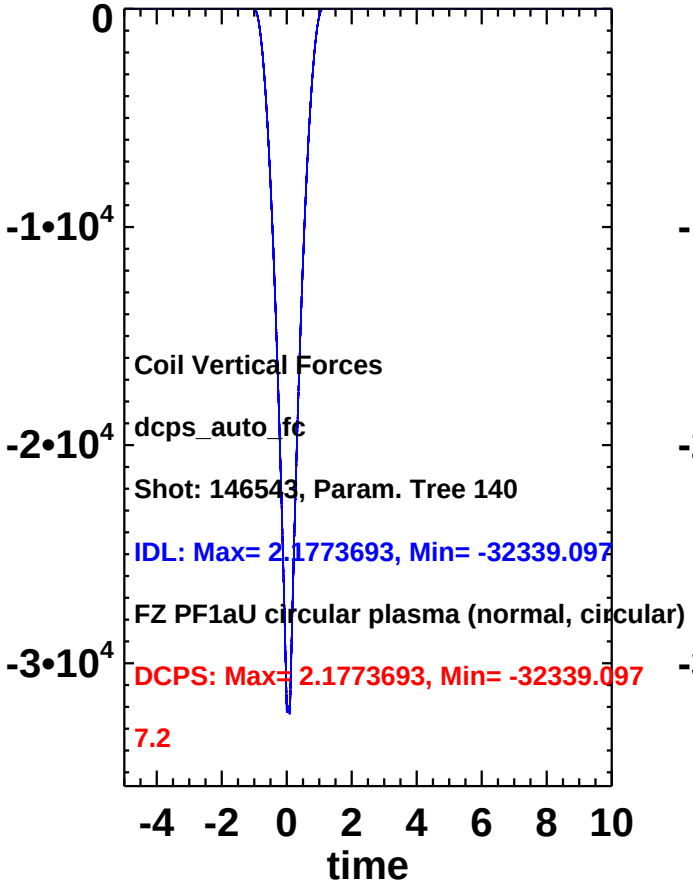
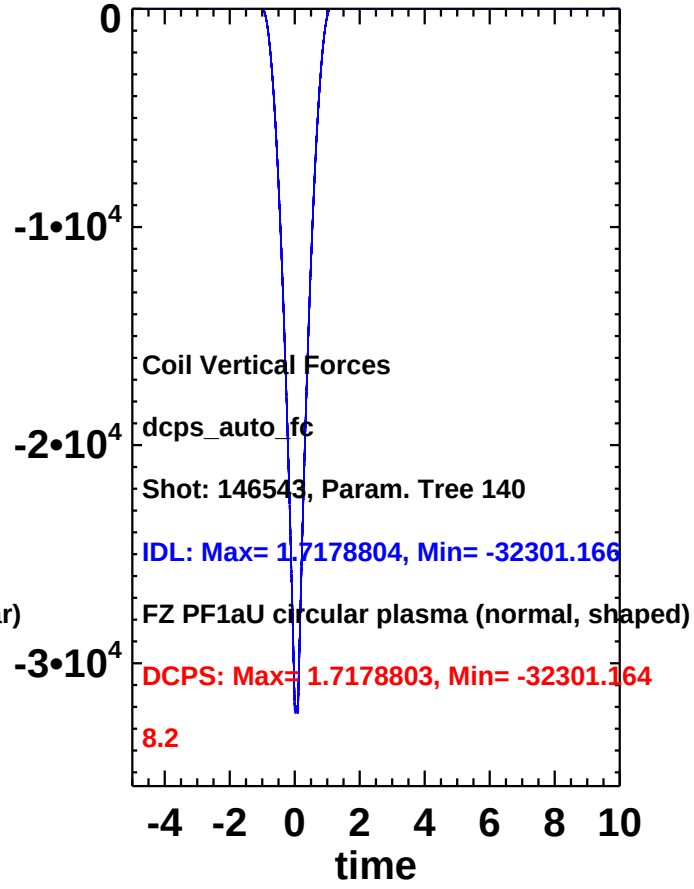

Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= .28064, Min= -93.470919
FZ Plasma circular plasma (normal, circular)
DCPS: Max= 135.28063, Min= -93.470920
7.1
100
50
0
-50
-100
-4 -2 0 2 4 6 8 10
time

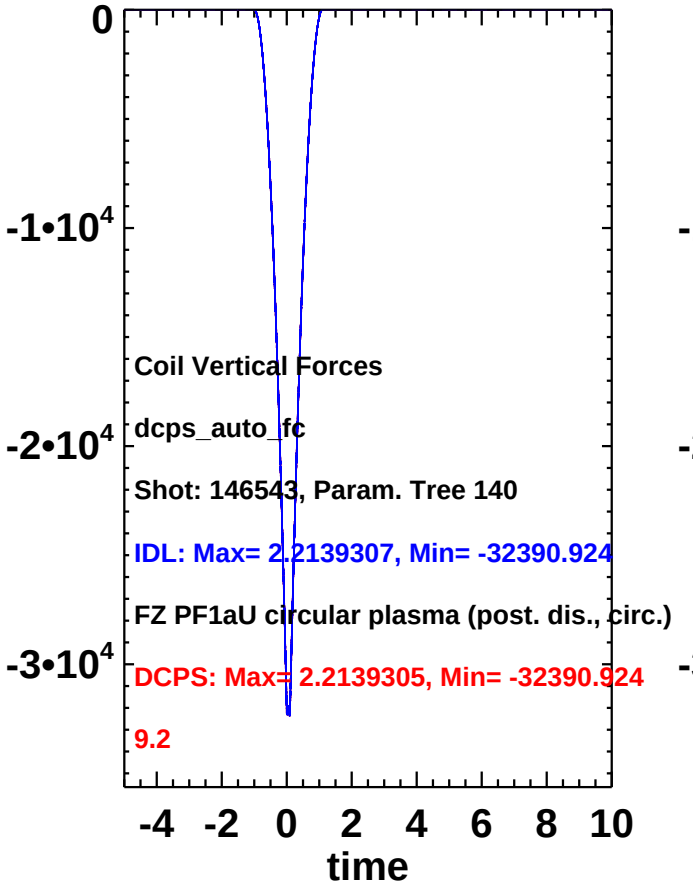

Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 73792, Min= -163.06541
FZ Plasma circular plasma (normal, shaped)
DCPS: Max= 236.73792, Min= -163.06541
8.1
100
50
0
-50
-100
-4 -2 0 2 4 6 8 10
time

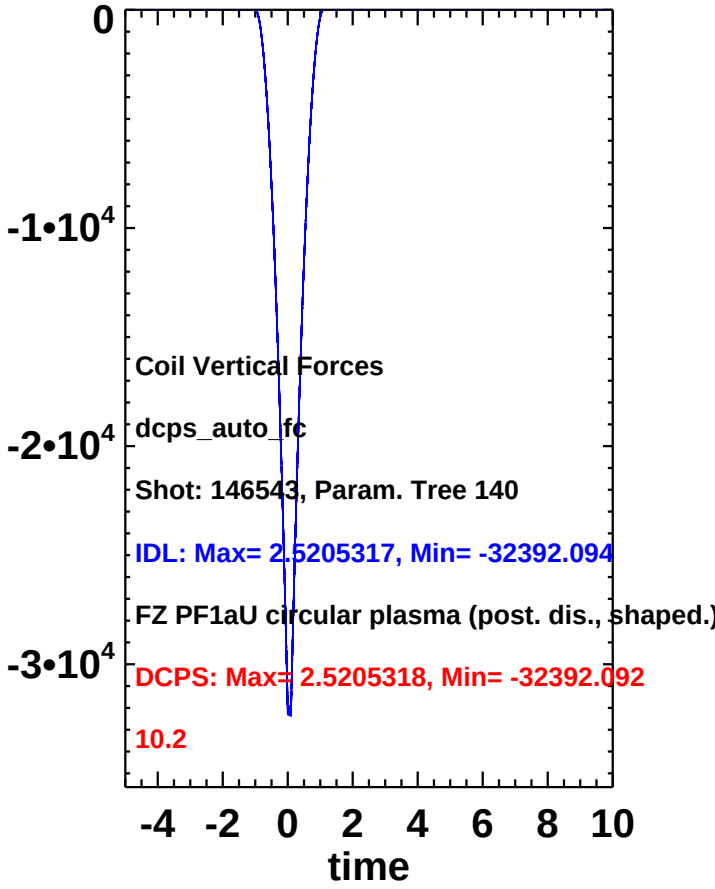

Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= -0.0000000, Min= -0.0000000
FZ Plasma circular plasma (post. dis., circ.)
DCPS: Max= -0.0000000, Min= -0.0000000
9.1
100
50
0
-50
-100
-4 -2 0 2 4 6 8 10
time

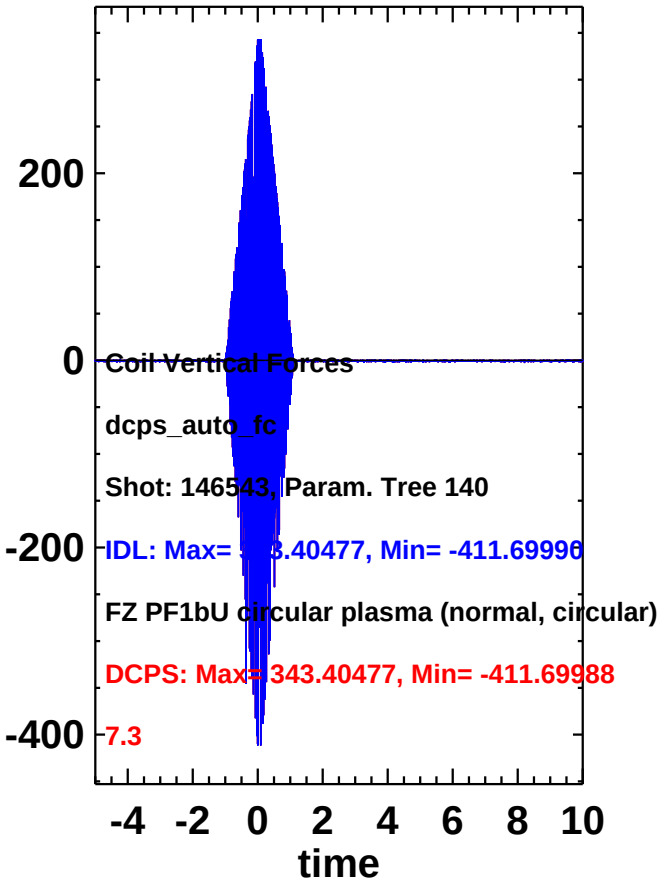

Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= -0.0000000, Min= -0.0000000
FZ Plasma circular plasma (post. dis., shaped
DCPS: Max= -0.0000000, Min= -0.0000000
10.1
100
50
0
-50
-100
-4 -2 0 2 4 6 8 10
time

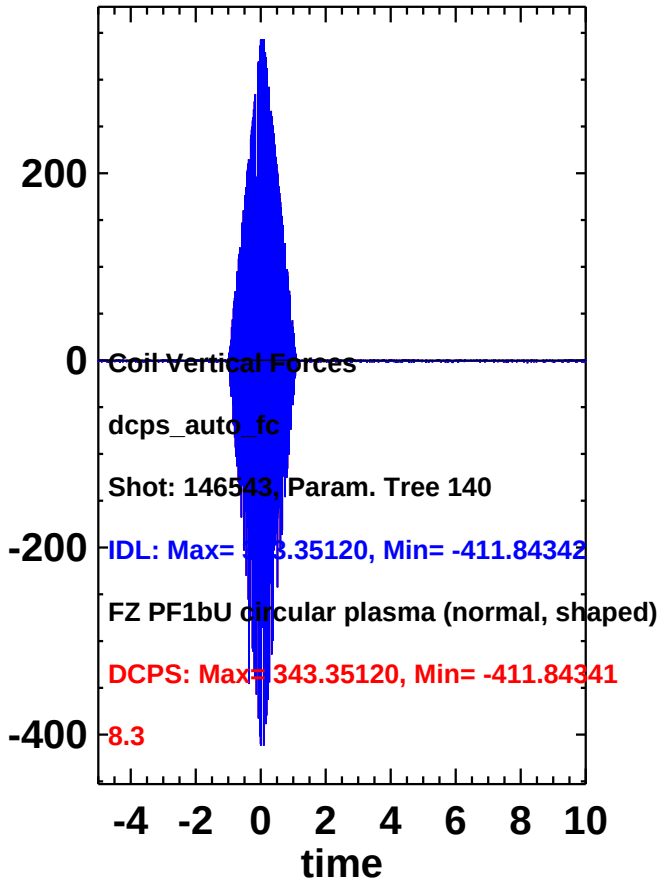

0
-1•10^4
-2•10^4
-3•10^4
Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 2.1773693, Min= -32339.097
FZ PF1aU circular plasma (normal, circular)
DCPS: Max= 2.1773693, Min= -32339.097
7.2
-4 -2 0 2 4 6 8 10
time

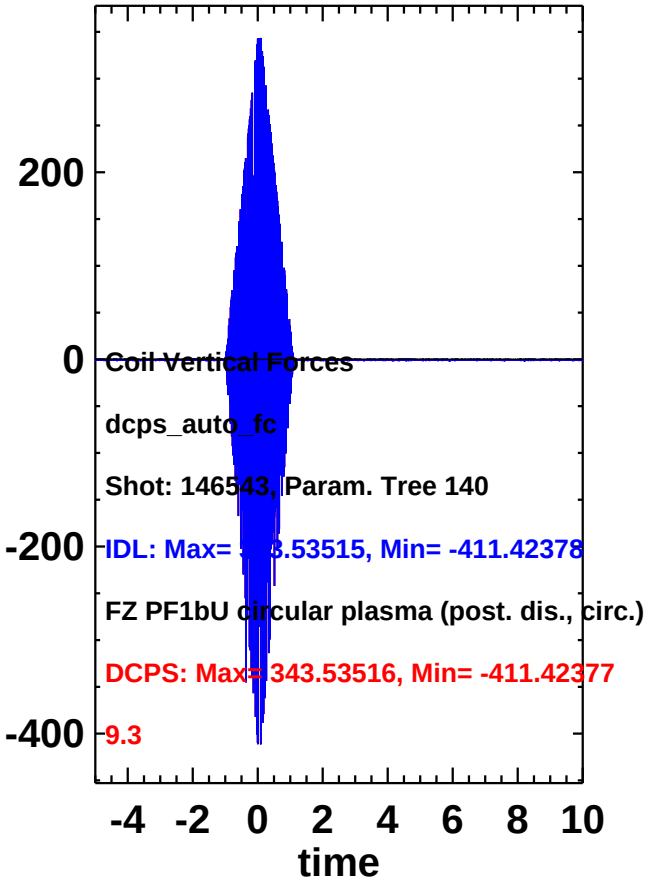

0
-1•10^4
-2•10^4
-3•10^4
Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 1.7178804, Min= -32301.166
FZ PF1aU circular plasma (normal, shaped)
DCPS: Max= 1.7178803, Min= -32301.164
8.2
-4 -2 0 2 4 6 8 10
time

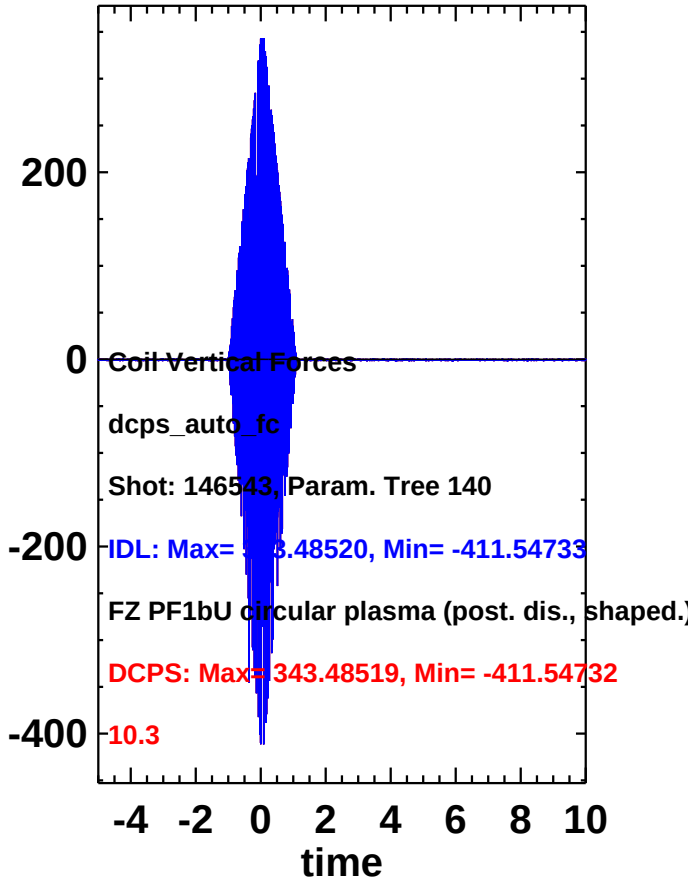

0
-1•10^4
-2•10^4
-3•10^4
Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 2.2139307, Min= -32390.924
FZ PF1aU circular plasma (post. dis., circ.)
DCPS: Max= 2.2139305, Min= -32390.924
9.2
-4 -2 0 2 4 6 8 10
time

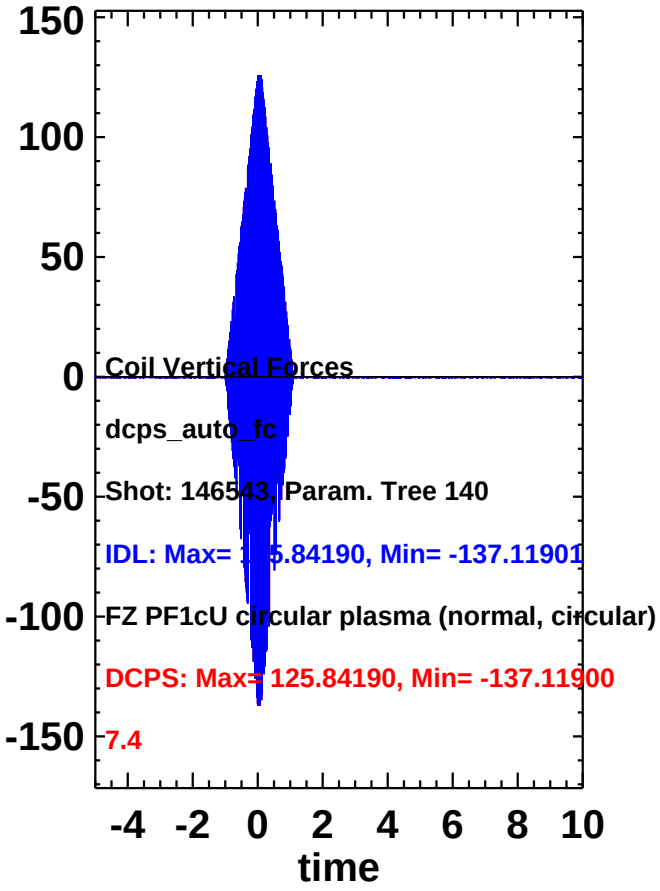

0
-1•10^4
-2•10^4
-3•10^4
Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 2.5205317, Min= -32392.094
FZ PF1aU circular plasma (post. dis., shaped.)
DCPS: Max= 2.5205318, Min= -32392.092
10.2
-4 -2 0 2 4 6 8 10
time

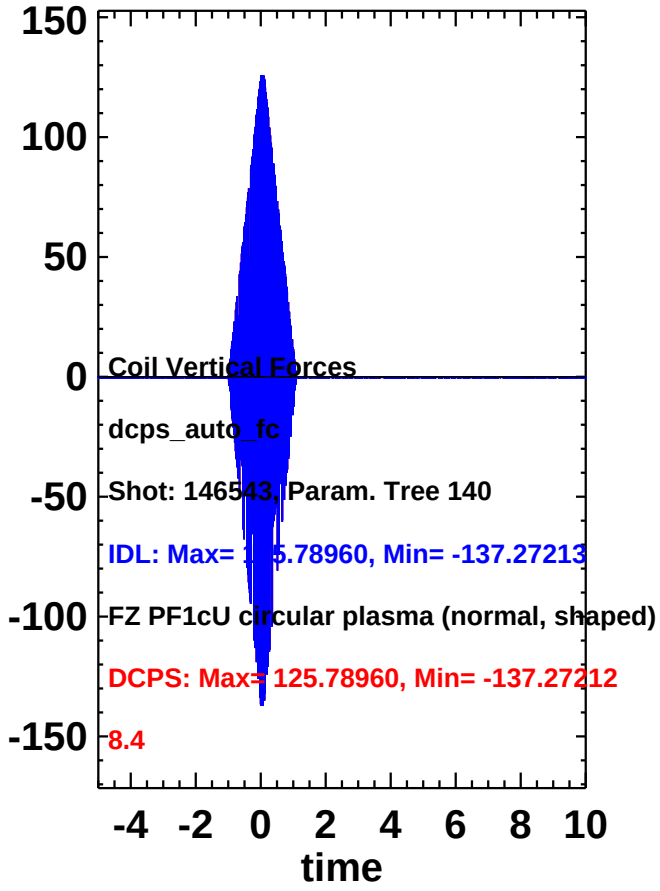

200
0
-200
-400
Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 343.40477, Min= -411.69990
FZ PF1bU circular plasma (normal, circular)
DCPS: Max= 343.40477, Min= -411.69988
7.3
-4 -2 0 2 4 6 8 10
time

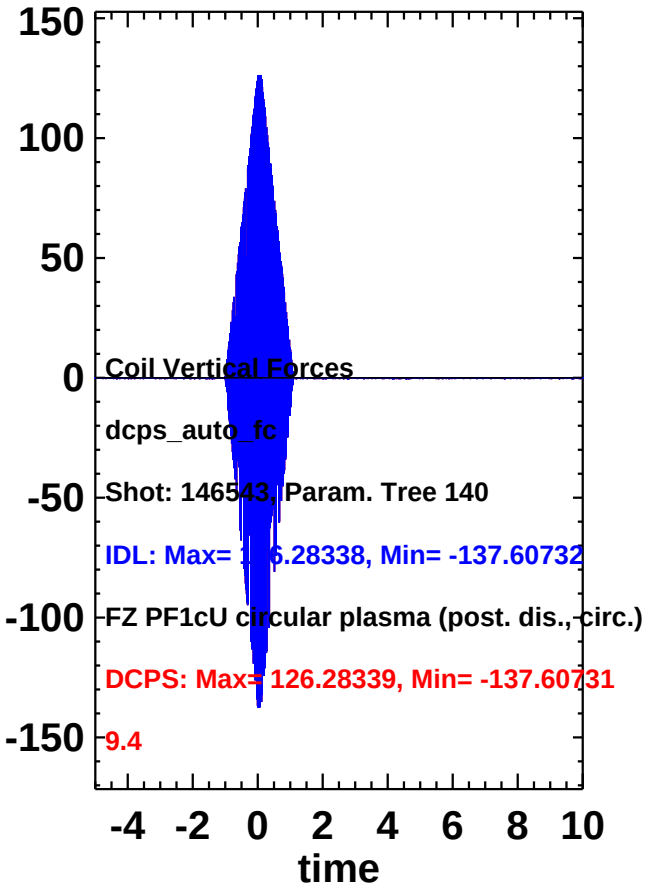

200
0
-200
-400
Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 343.35120, Min= -411.84342
FZ PF1bU circular plasma (normal, shaped)
DCPS: Max= 343.35120, Min= -411.84341
8.3
-4 -2 0 2 4 6 8 10
time

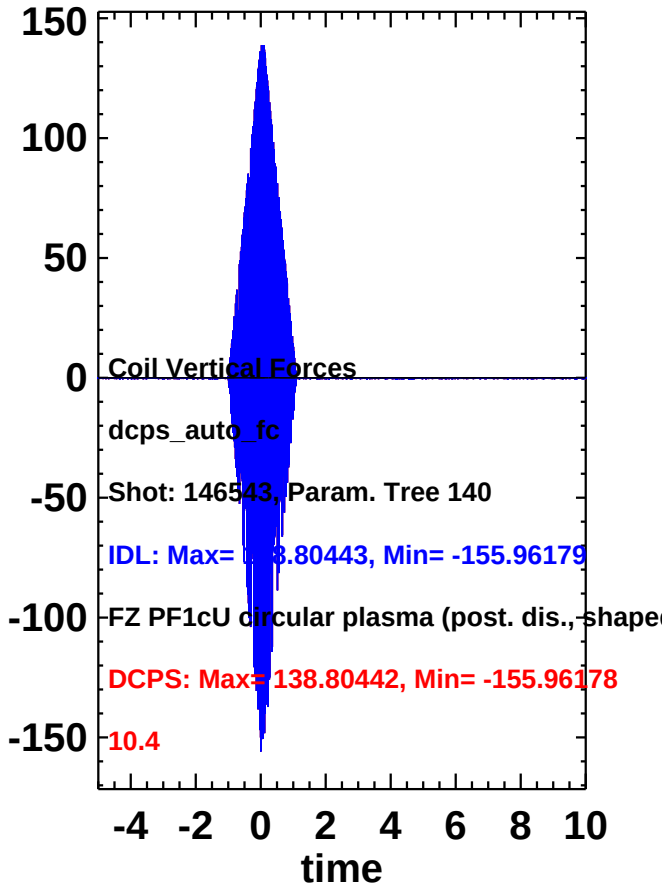

200
0
-200
-400
Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 343.53515, Min= -411.42378
FZ PF1bU circular plasma (post. dis., circ.)
DCPS: Max= 343.53516, Min= -411.42377
9.3
-4 -2 0 2 4 6 8 10
time

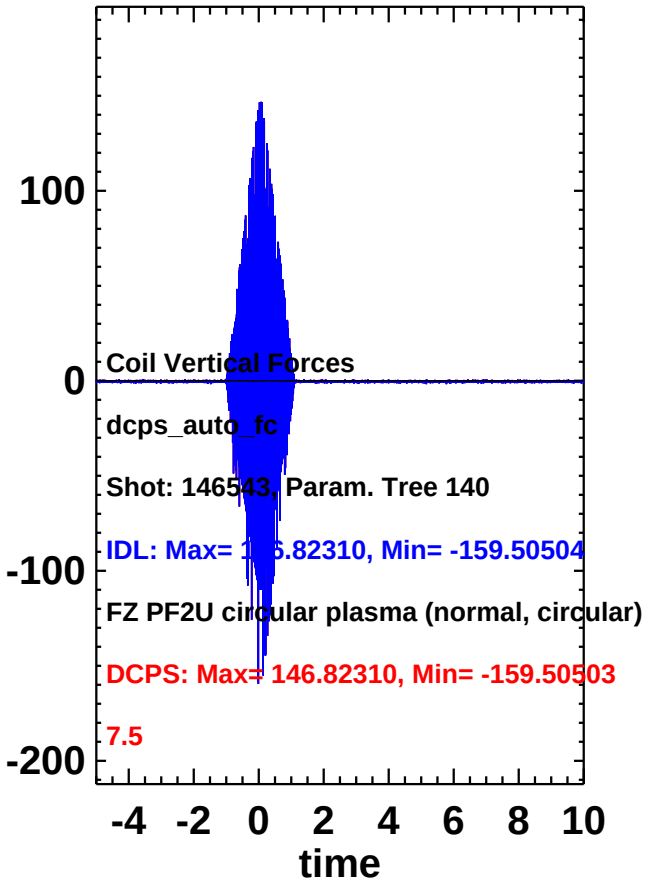

200
0
-200
-400
Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 343.48520, Min= -411.54733
FZ PF1bU circular plasma (post. dis., shaped.)
DCPS: Max= 343.48519, Min= -411.54732
10.3
-4 -2 0 2 4 6 8 10
time

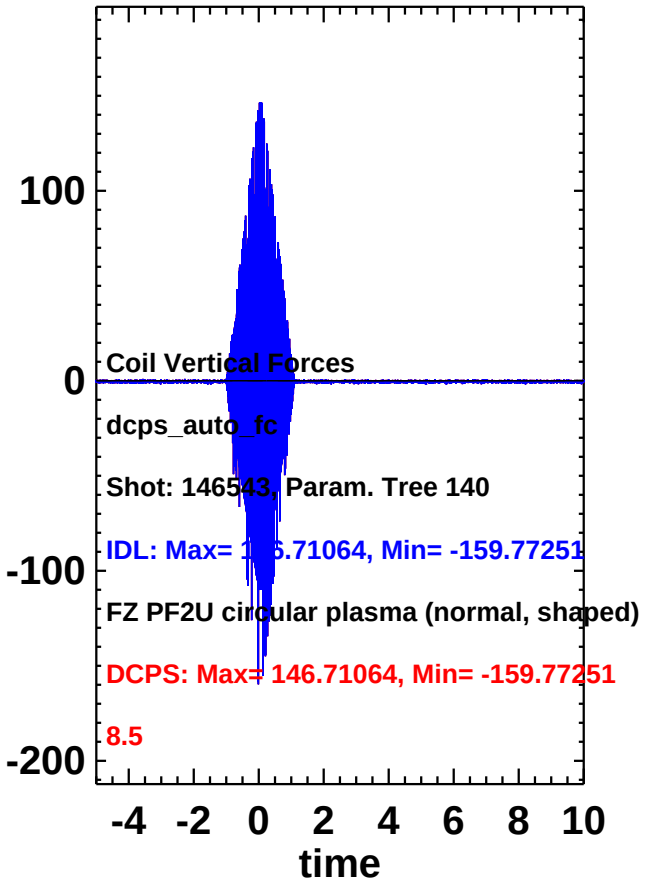

Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 125.84190, Min= -137.11901
FZ PF1cU circular plasma (normal, circular)
DCPS: Max= 125.84190, Min= -137.11900
7.4
150
100
50
0
-50
-100
-150
-4 -2 0 2 4 6 8 10
time

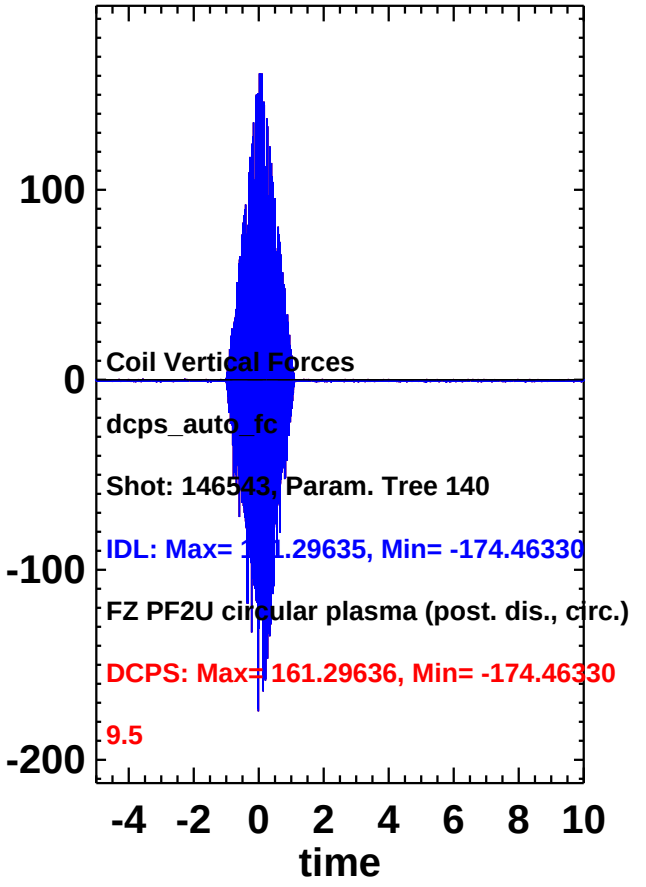

Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 125.78960, Min= -137.27213
FZ PF1cU circular plasma (normal, shaped)
DCPS: Max= 125.78960, Min= -137.27212
8.4
150
100
50
0
-50
-100
-150
-4 -2 0 2 4 6 8 10
time

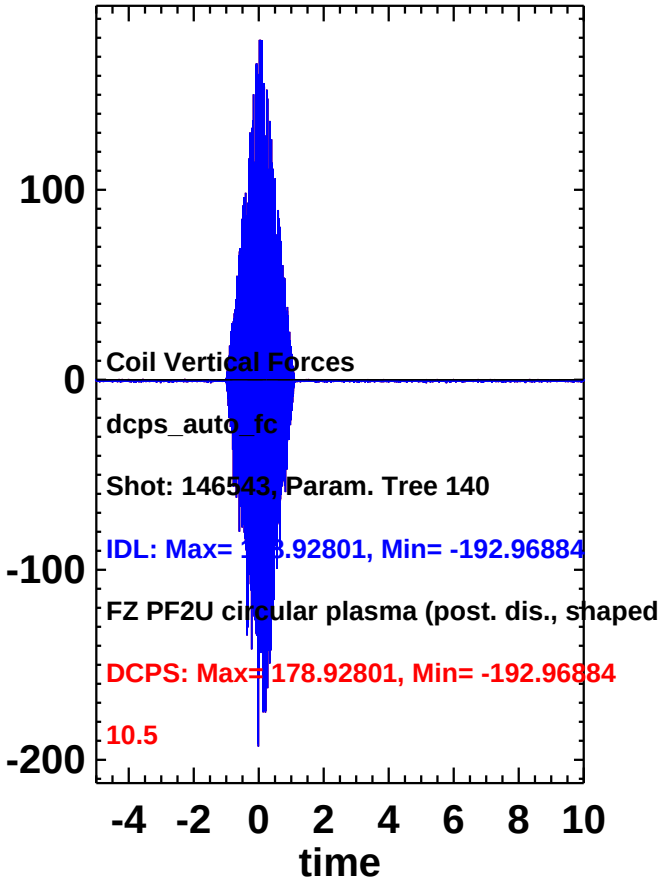

Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 126.28338, Min= -137.60732
FZ PF1cU circular plasma (post. dis., circ.)
DCPS: Max= 126.28339, Min= -137.60731
9.4
150
100
50
0
-50
-100
-150
-4 -2 0 2 4 6 8 10
time

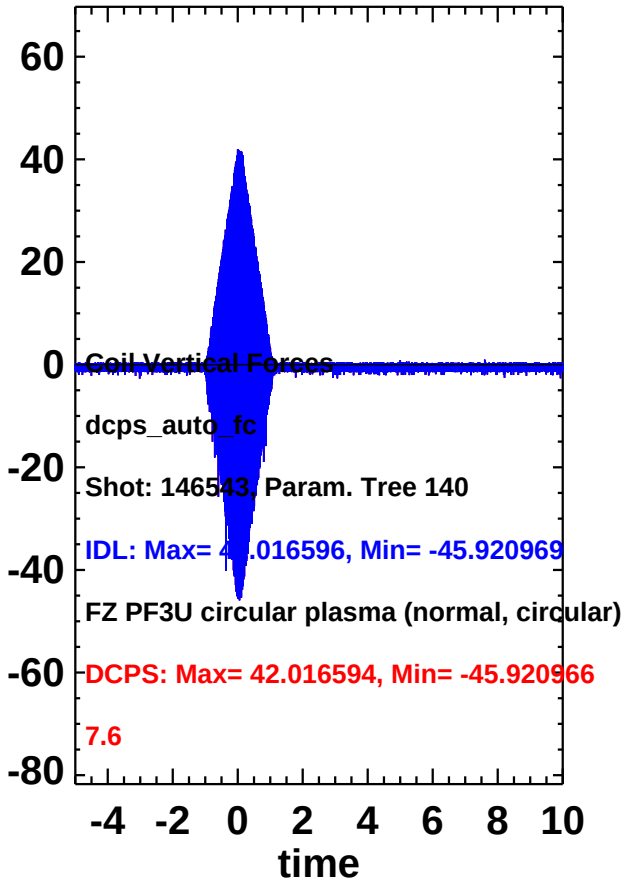

Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 138.80443, Min= -155.96179
FZ PF1cU circular plasma (post. dis., shaped.)
DCPS: Max= 138.80442, Min= -155.96178
10.4
150
100
50
0
-50
-100
-150
-4 -2 0 2 4 6 8 10
time

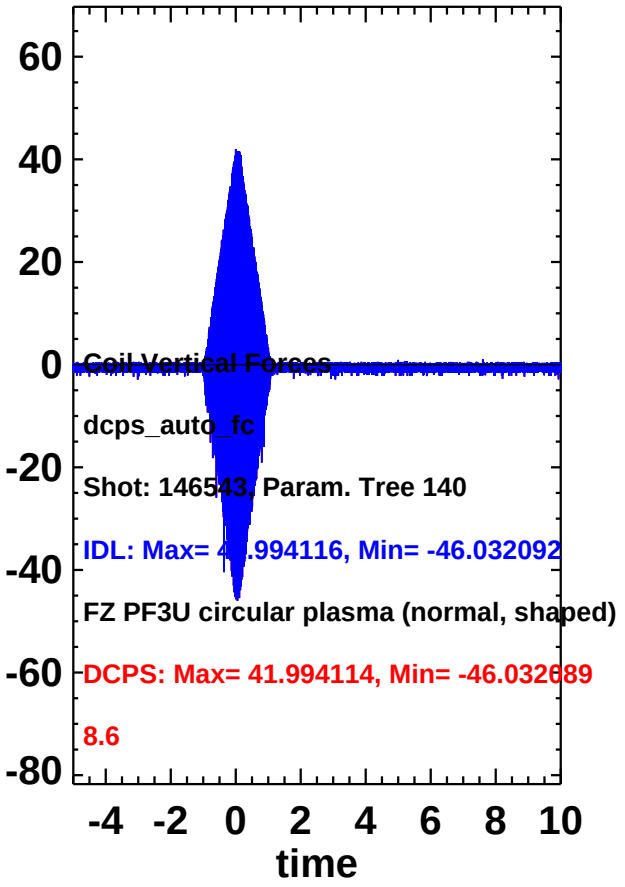

Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 146.82310, Min= -159.50504
FZ PF2U circular plasma (normal, circular)
DCPS: Max= 146.82310, Min= -159.50503
7.5
100
0
-100
-200
-4 -2 0 2 4 6 8 10
time

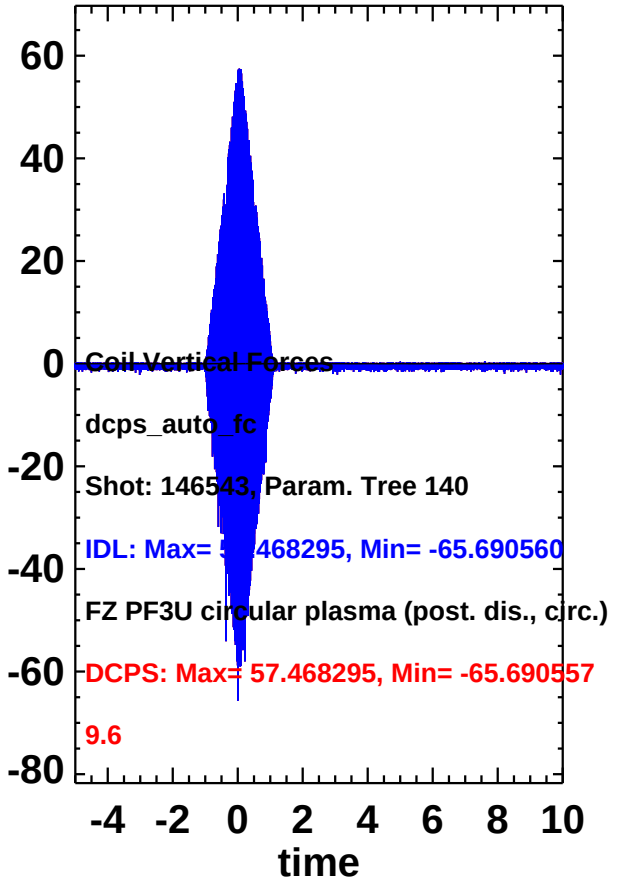

Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 146.71064, Min= -159.77251
FZ PF2U circular plasma (normal, shaped)
DCPS: Max= 146.71064, Min= -159.77251
8.5
100
0
-100
-200
-4 -2 0 2 4 6 8 10
time

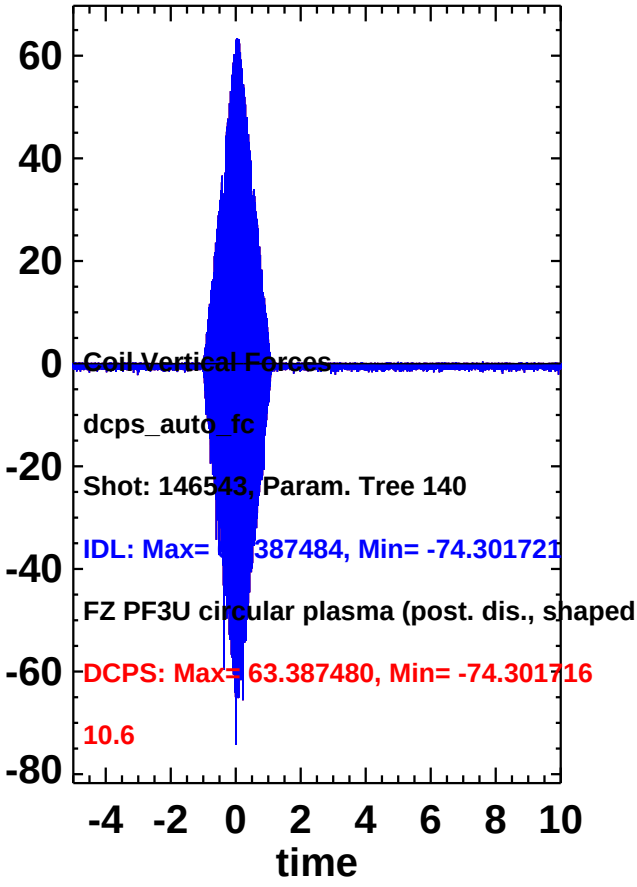

Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 161.29635, Min= -174.46330
FZ PF2U circular plasma (post. dis., circ.)
DCPS: Max= 161.29636, Min= -174.46330
9.5
100
0
-100
-200
-4 -2 0 2 4 6 8 10
time

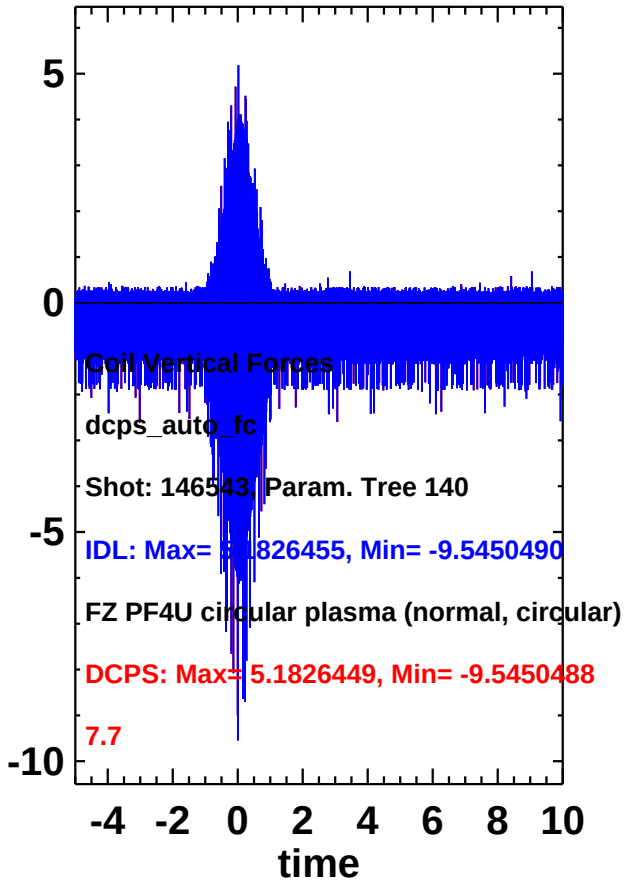

Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 178.92801, Min= -192.96884
FZ PF2U circular plasma (post. dis., shaped.)
DCPS: Max= 178.92801, Min= -192.96884
10.5
100
0
-100
-200
-4 -2 0 2 4 6 8 10
time

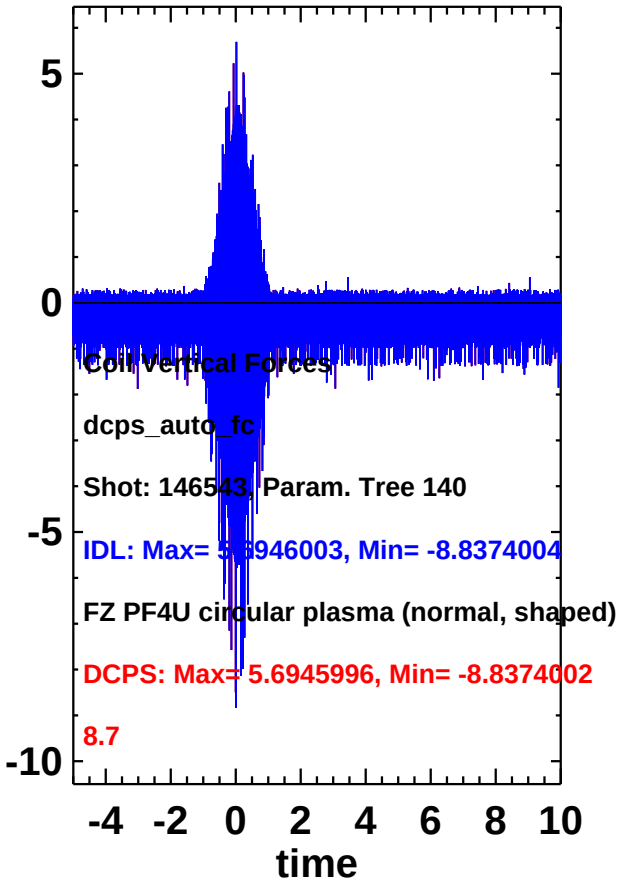

Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 42.016596, Min= -45.920969
FZ PF3U circular plasma (normal, circular)
DCPS: Max= 42.016594, Min= -45.920966
7.6
time

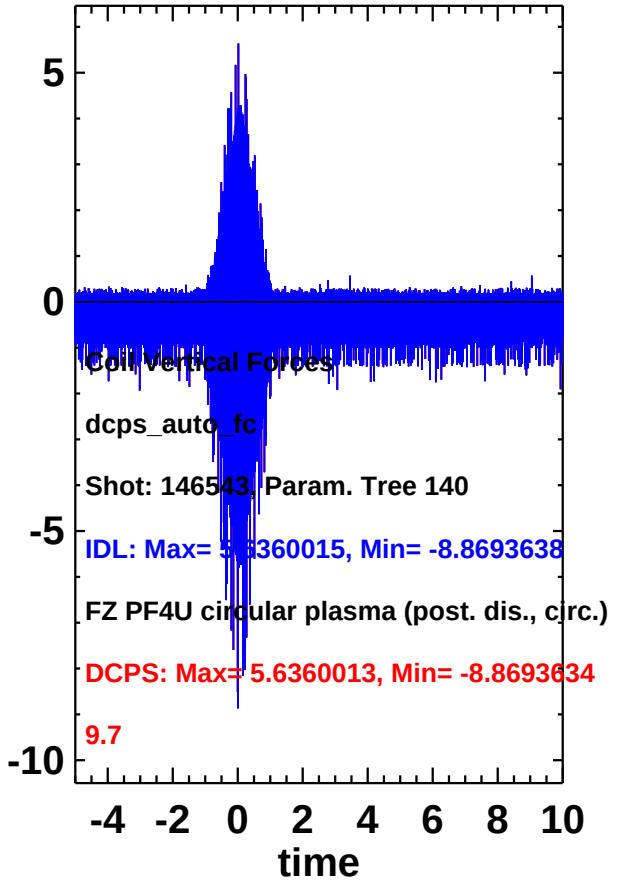

Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 41.994116, Min= -46.032092
FZ PF3U circular plasma (normal, shaped)
DCPS: Max= 41.994114, Min= -46.032089
8.6
time

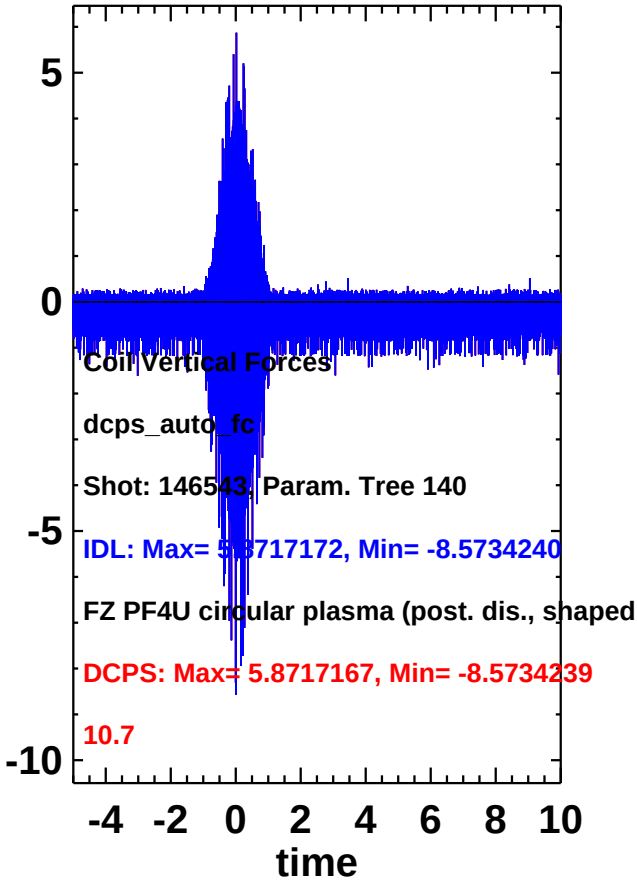

Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 57.468295, Min= -65.690560
FZ PF3U circular plasma (post. dis., circ.)
DCPS: Max= 57.468295, Min= -65.690557
9.6
time

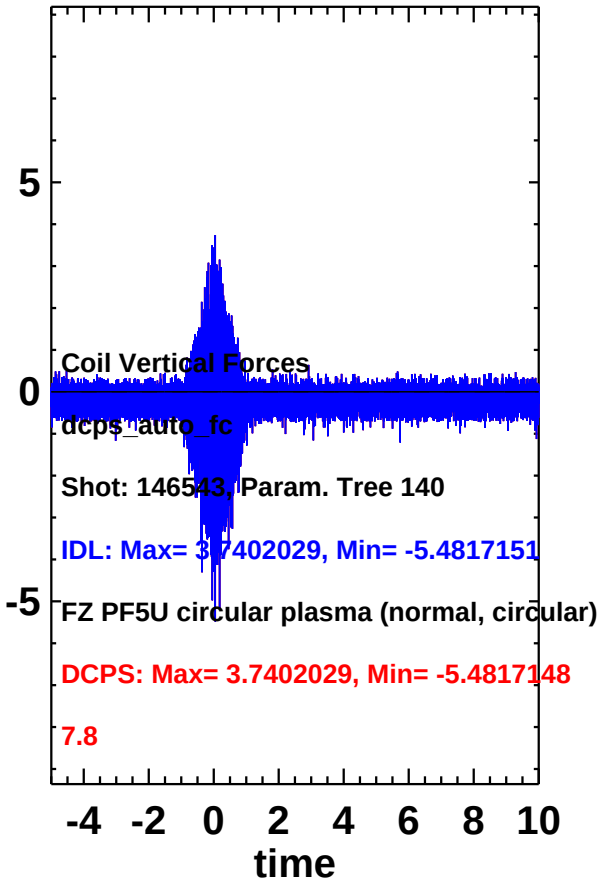

Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 63.387484, Min= -74.301721
FZ PF3U circular plasma (post. dis., shaped.)
DCPS: Max= 63.387480, Min= -74.301716
10.6
time

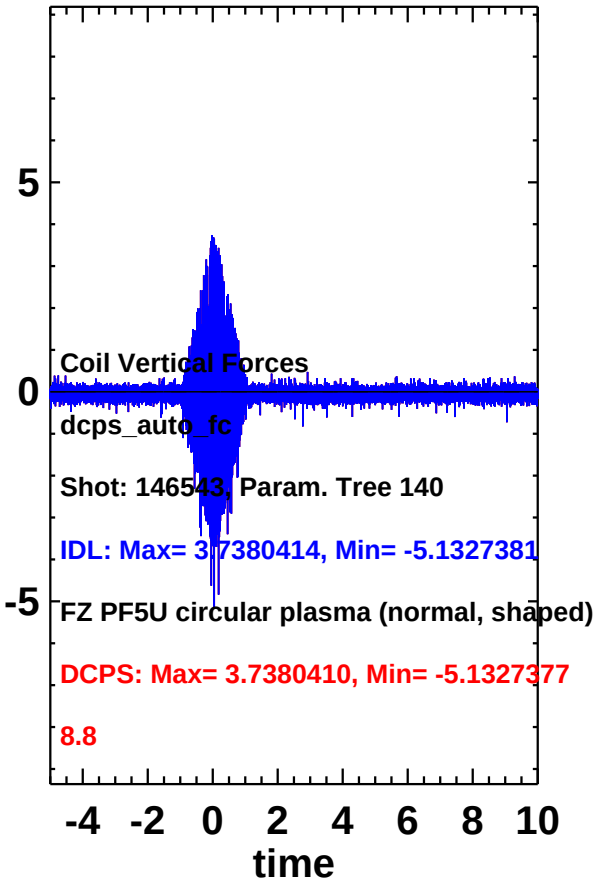

Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 5.1826455, Min= -9.5450490
FZ PF4U circular plasma (normal, circular)
DCPS: Max= 5.1826449, Min= -9.5450488
7.7
time

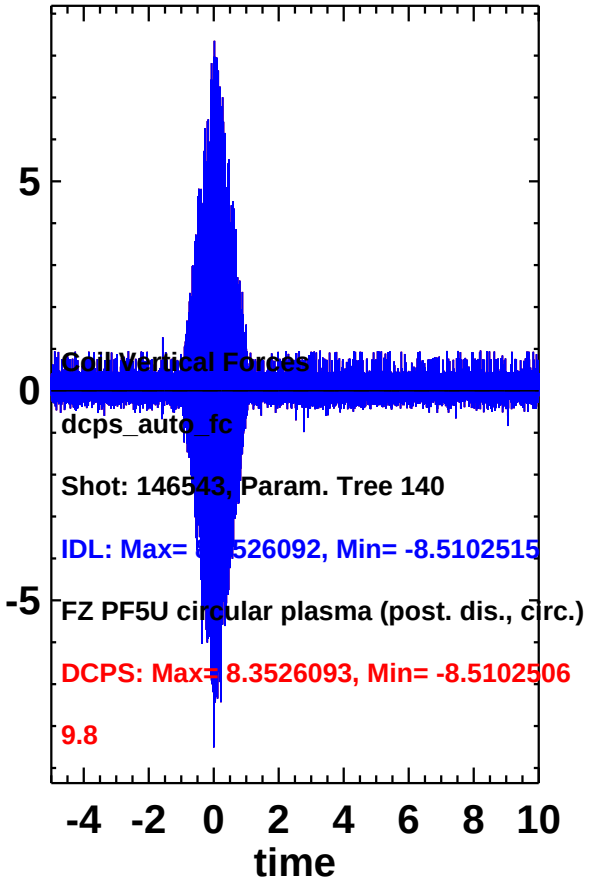

Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 5.6946003, Min= -8.8374004
FZ PF4U circular plasma (normal, shaped)
DCPS: Max= 5.6945996, Min= -8.8374002
8.7
time

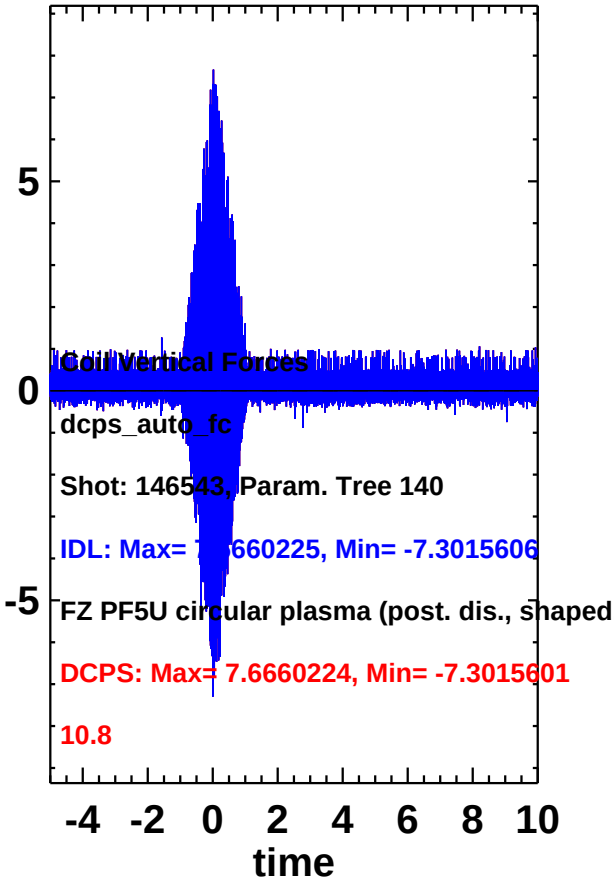

Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 5.6360015, Min= -8.8693638
FZ PF4U circular plasma (post. dis., circ.)
DCPS: Max= 5.6360013, Min= -8.8693634
9.7
time

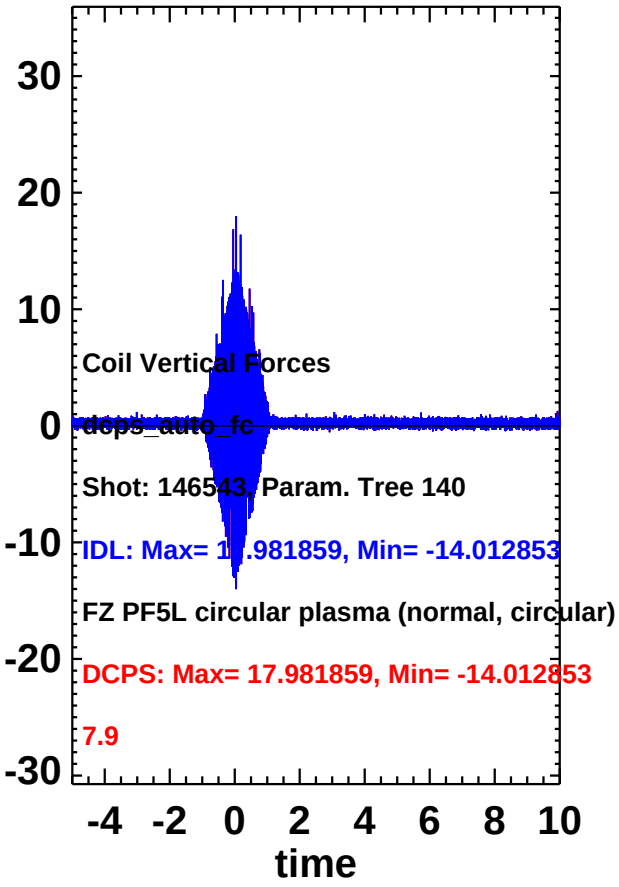

Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 5.8717172, Min= -8.5734240
FZ PF4U circular plasma (post. dis., shaped.)
DCPS: Max= 5.8717167, Min= -8.5734239
10.7
time

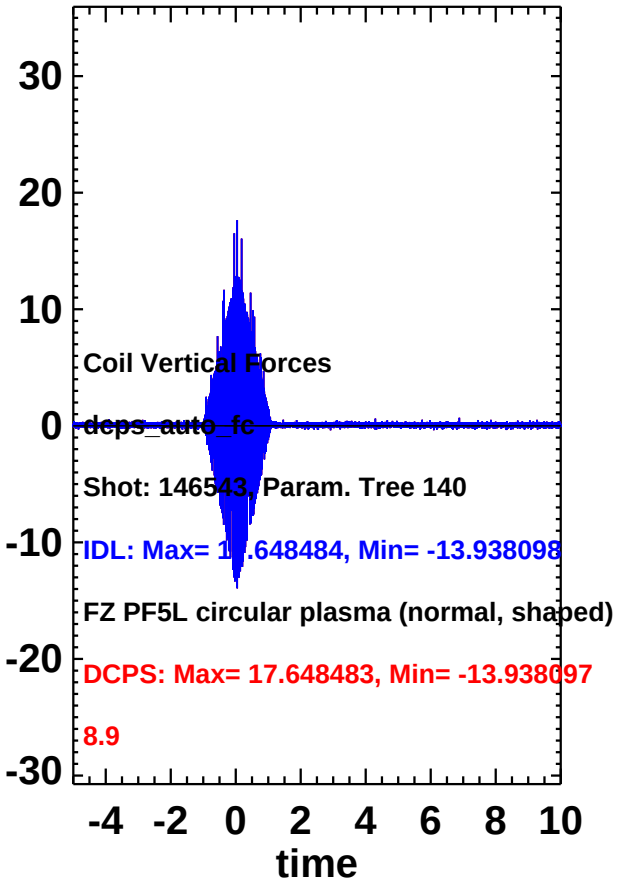

Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 3.7402029, Min= -5.4817151
FZ PF5U circular plasma (normal, circular)
DCPS: Max= 3.7402029, Min= -5.4817148
7.8
5
0
-5
-4 -2 0 2 4 6 8 10
time

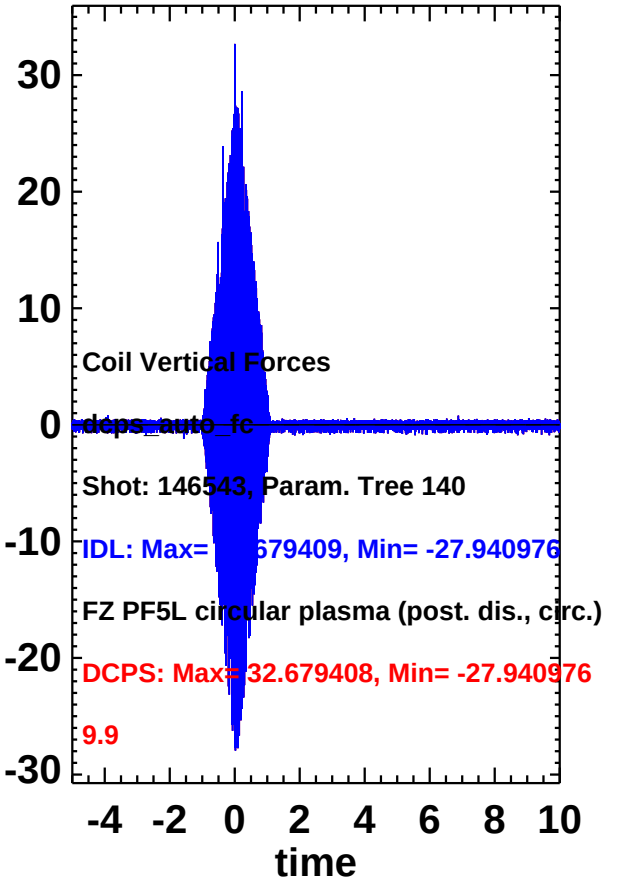

Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 3.7380414, Min= -5.1327381
FZ PF5U circular plasma (normal, shaped)
DCPS: Max= 3.7380410, Min= -5.1327377
8.8
5
0
-5
-4 -2 0 2 4 6 8 10
time

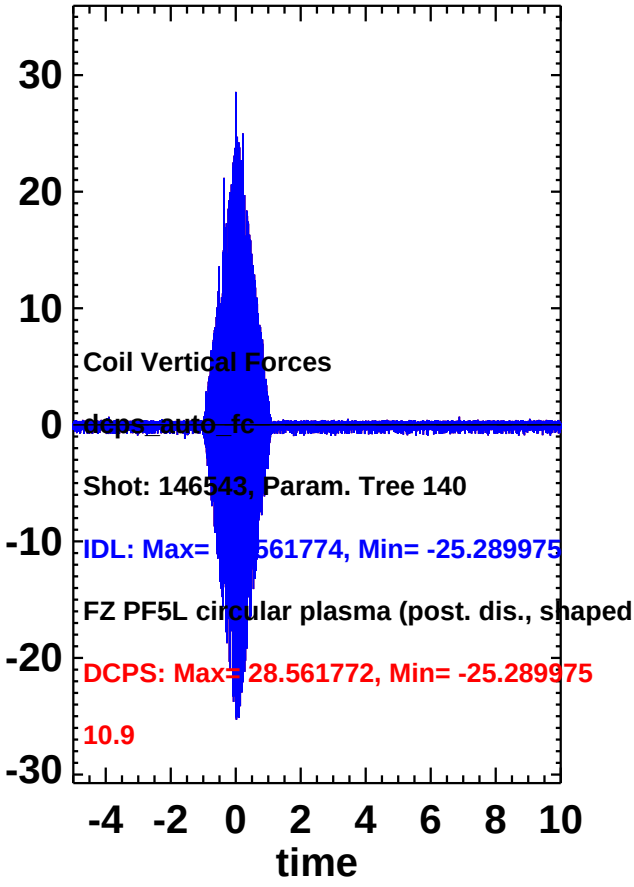

Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 8.3526092, Min= -8.5102515
FZ PF5U circular plasma (post. dis., circ.)
DCPS: Max= 8.3526093, Min= -8.5102506
9.8
5
0
-5
-4 -2 0 2 4 6 8 10
time

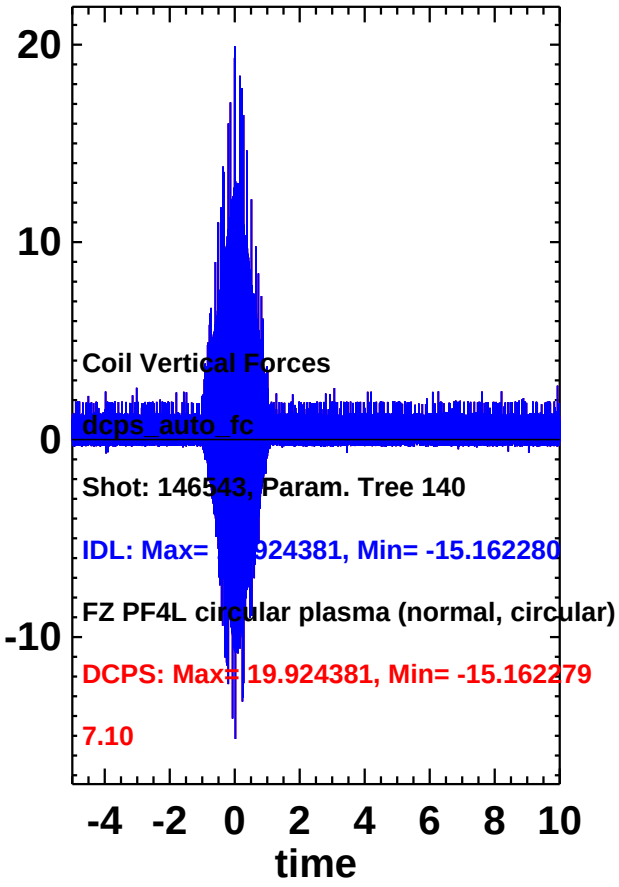

Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 7.6660225, Min= -7.3015606
FZ PF5U circular plasma (post. dis., shaped.)
DCPS: Max= 7.6660224, Min= -7.3015601
10.8
5
0
-5
-4 -2 0 2 4 6 8 10
time

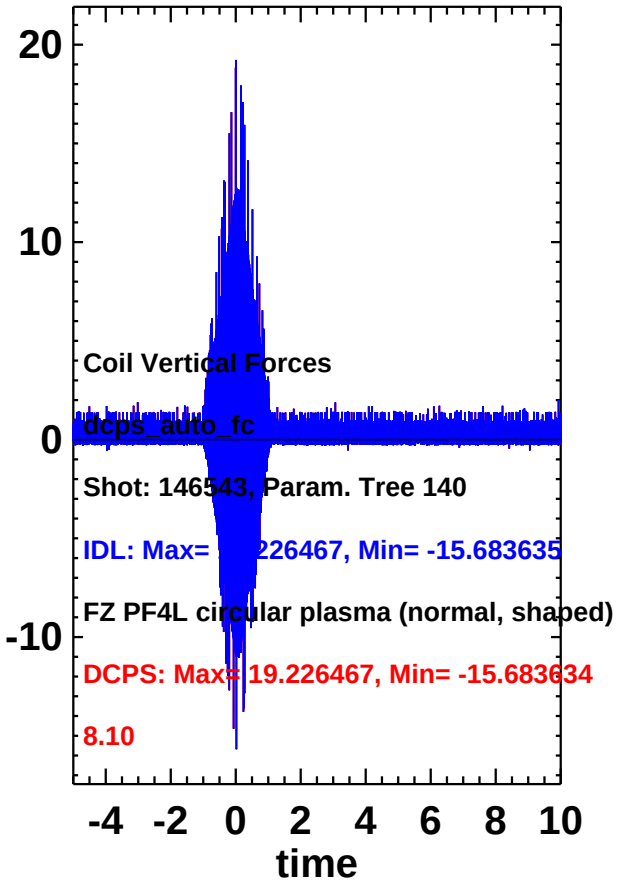

Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 17.981859, Min= -14.012853
FZ PF5L circular plasma (normal, circular)
DCPS: Max= 17.981859, Min= -14.012853
7.9
time

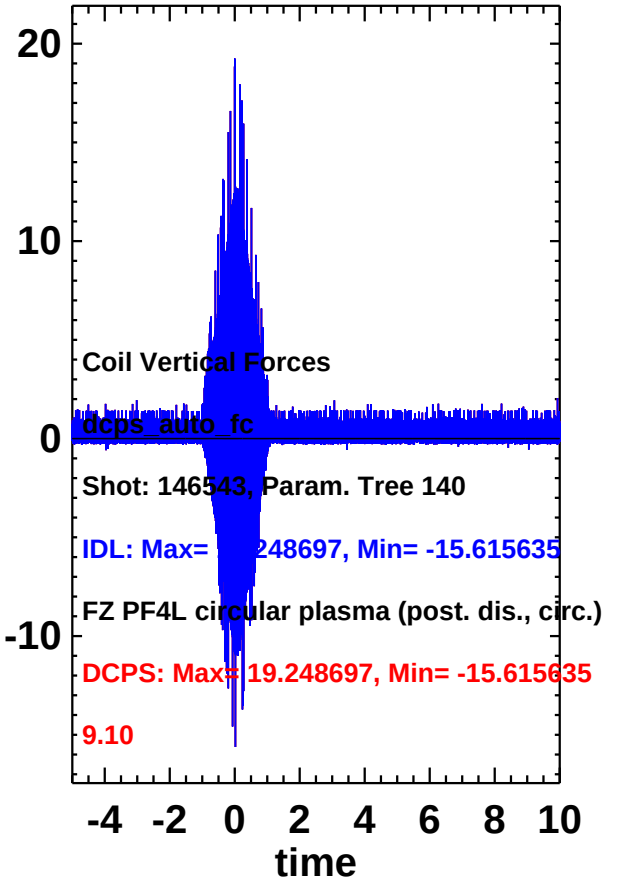

Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 17.648484, Min= -13.938098
FZ PF5L circular plasma (normal, shaped)
DCPS: Max= 17.648483, Min= -13.938097
8.9
time

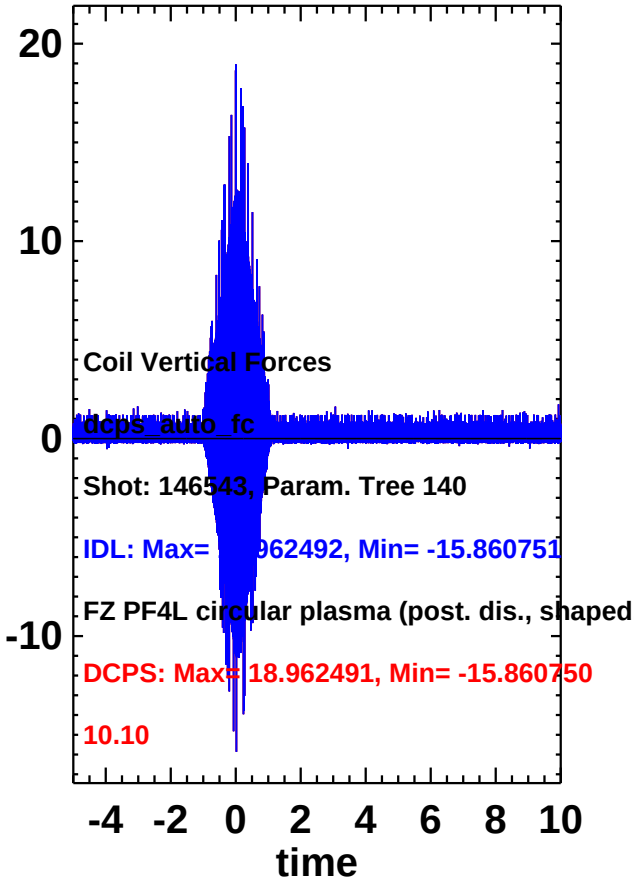

Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 32.679409, Min= -27.940976
FZ PF5L circular plasma (post. dis., circ.)
DCPS: Max= 32.679408, Min= -27.940976
9.9
time

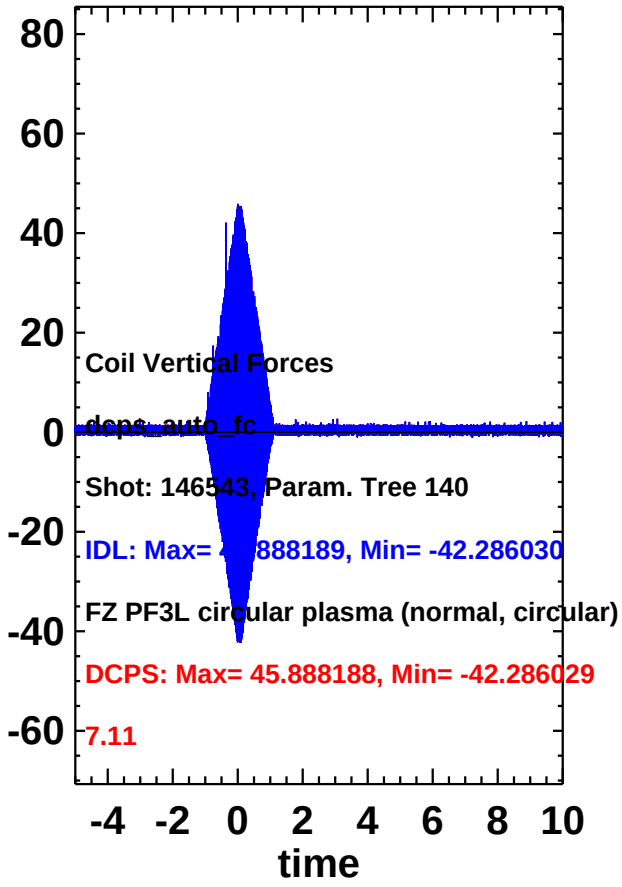

Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 28.561774, Min= -25.289975
FZ PF5L circular plasma (post. dis., shaped.)
DCPS: Max= 28.561772, Min= -25.289975
10.9
time

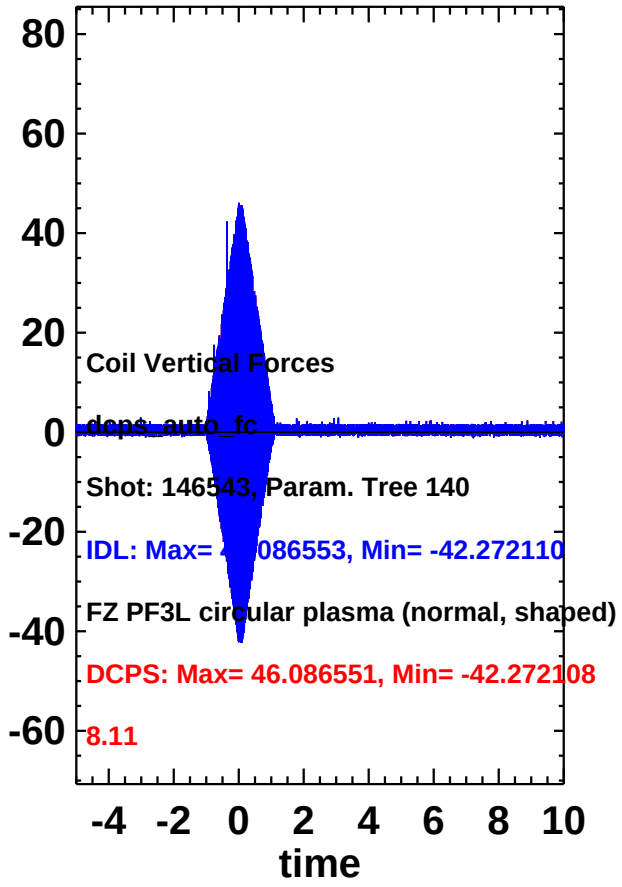

Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 19.924381, Min= -15.162280
FZ PF4L circular plasma (normal, circular)
DCPS: Max= 19.924381, Min= -15.162279
7.10
time

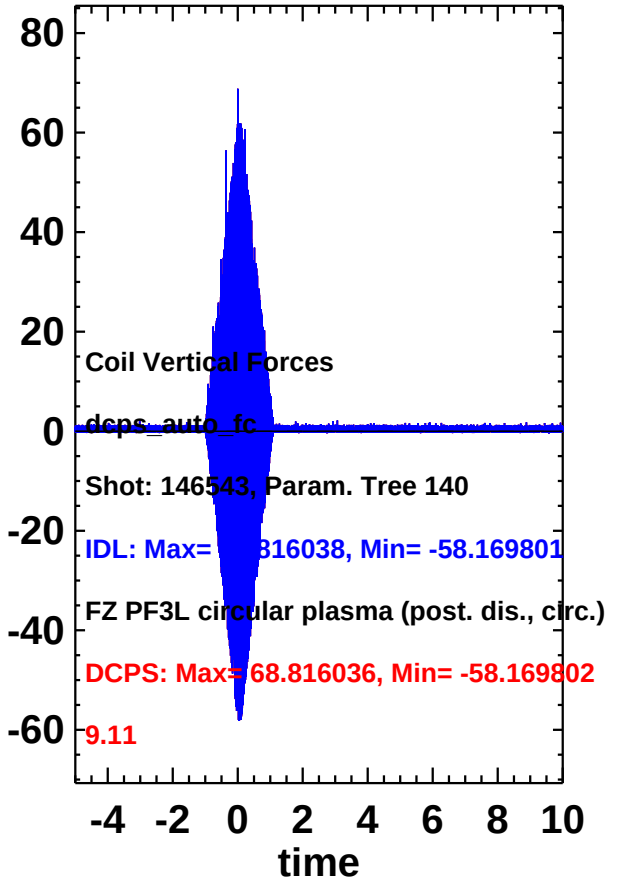

Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 19.226467, Min= -15.683635
FZ PF4L circular plasma (normal, shaped)
DCPS: Max= 19.226467, Min= -15.683634
8.10
time

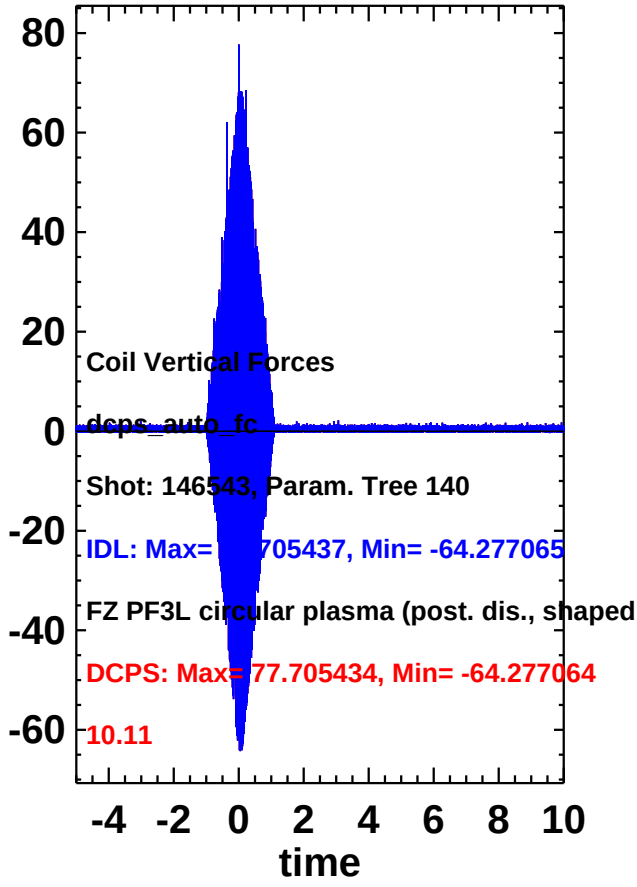

Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 19.248697, Min= -15.615635
FZ PF4L circular plasma (post. dis., circ.)
DCPS: Max= 19.248697, Min= -15.615635
9.10
time

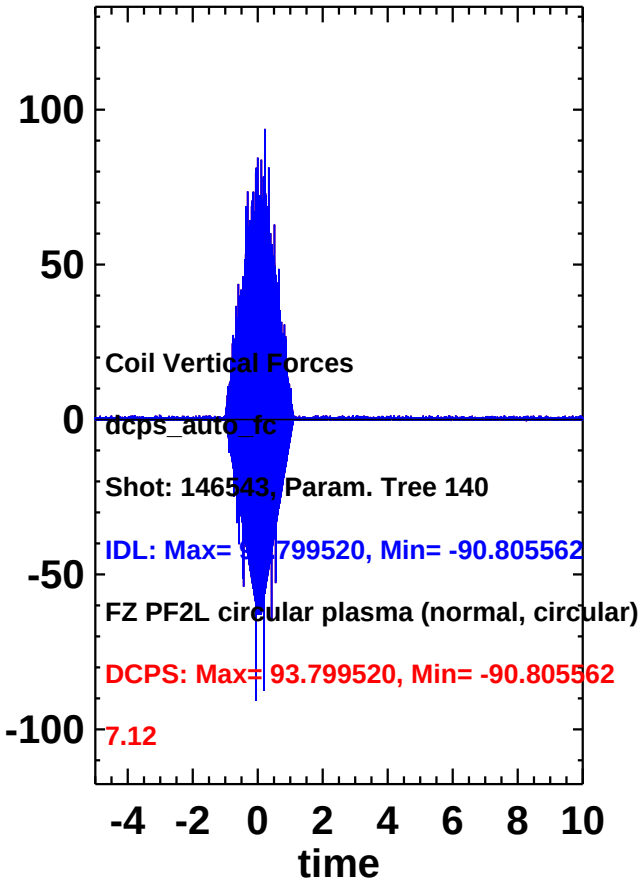

Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 18.962492, Min= -15.860751
FZ PF4L circular plasma (post. dis., shaped.)
DCPS: Max= 18.962491, Min= -15.860750
10.10
time

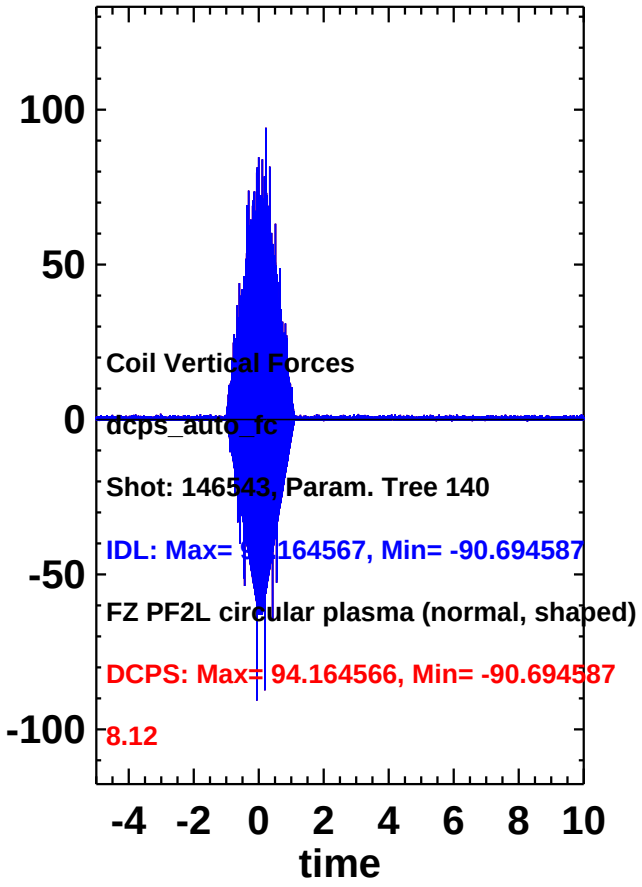

Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 45.888189, Min= -42.286030
FZ PF3L circular plasma (normal, circular)
DCPS: Max= 45.888188, Min= -42.286029
7.11
time

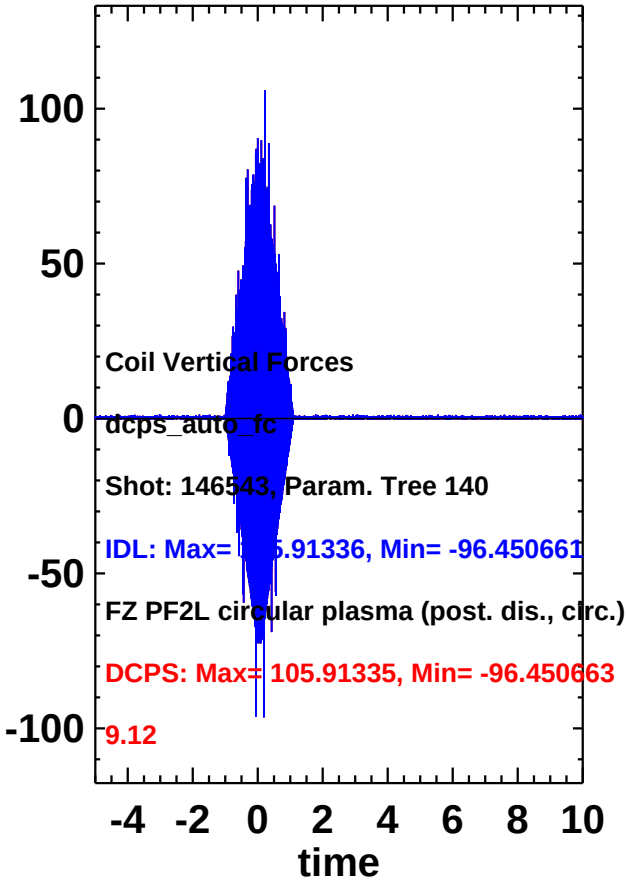

Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 46.086553, Min= -42.272110
FZ PF3L circular plasma (normal, shaped)
DCPS: Max= 46.086551, Min= -42.272108
8.11
time

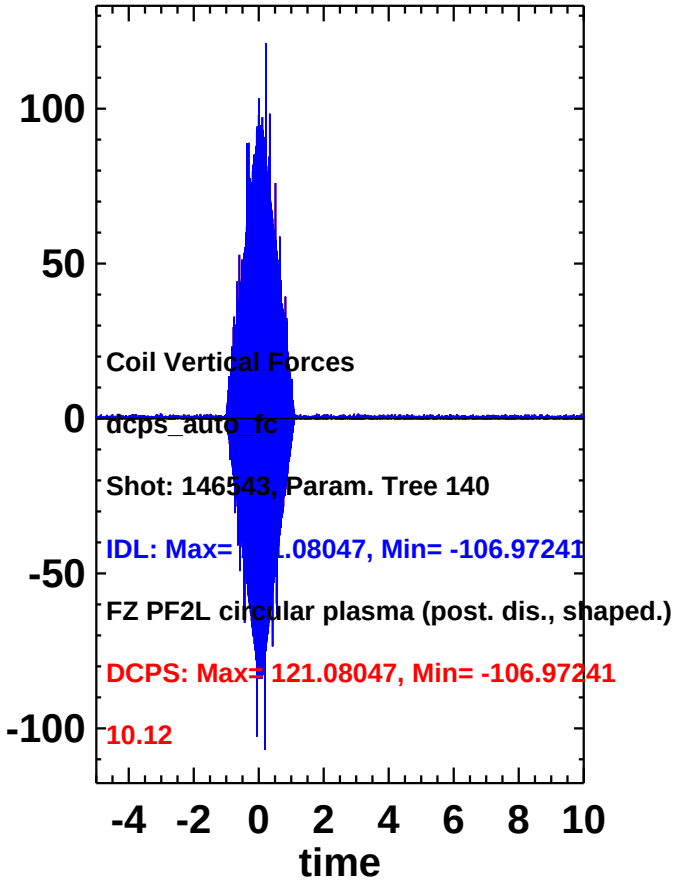

Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 68.816038, Min= -58.169801
FZ PF3L circular plasma (post. dis., circ.)
DCPS: Max= 68.816036, Min= -58.169802
9.11
time

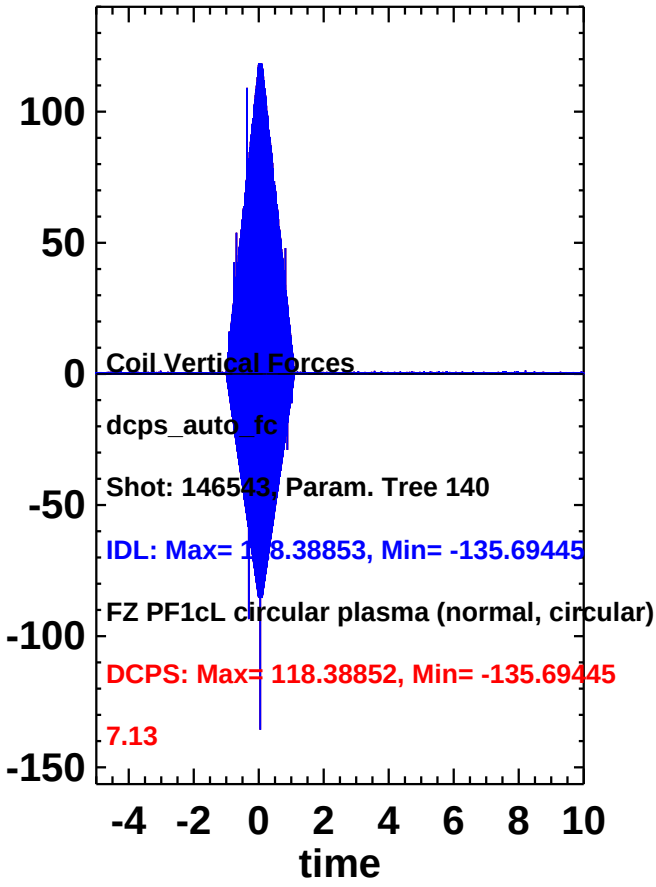

Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 77.705437, Min= -64.277065
FZ PF3L circular plasma (post. dis., shaped.)
DCPS: Max= 77.705434, Min= -64.277064
10.11
time

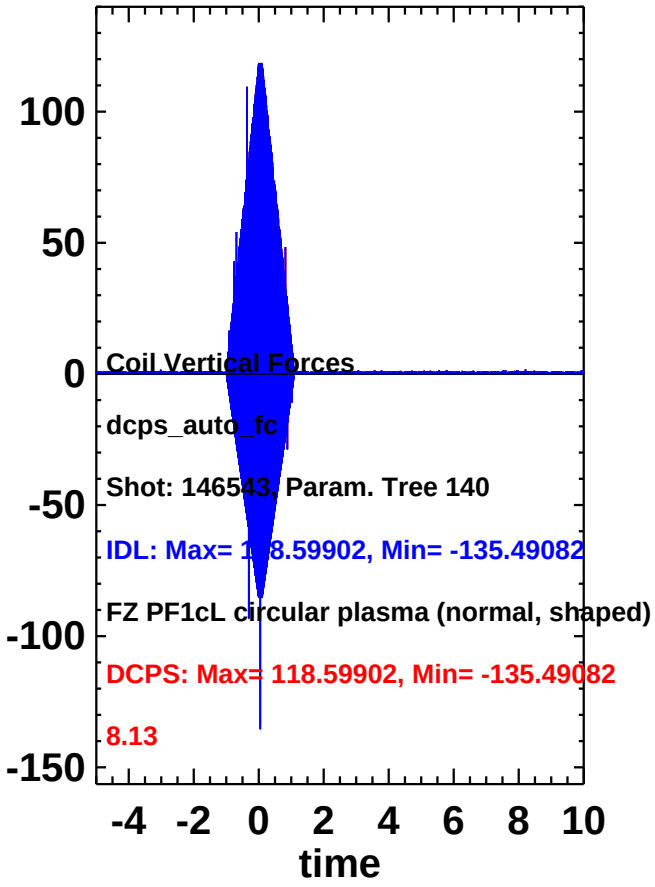

100
50
0
-50
-100
Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 93.799520, Min= -90.805562
FZ PF2L circular plasma (normal, circular)
DCPS: Max= 93.799520, Min= -90.805562
7.12
-4 -2 0 2 4 6 8 10
time

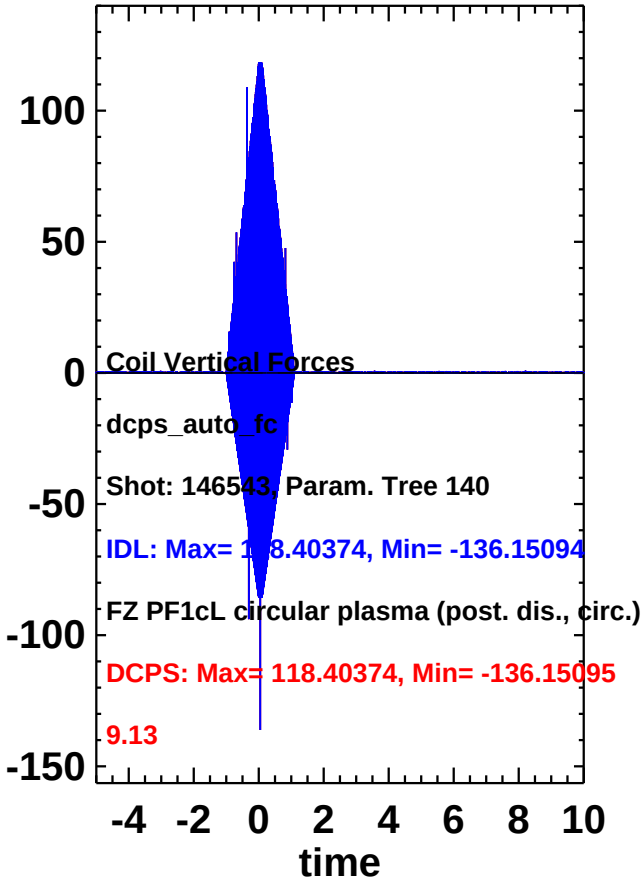

100
50
0
-50
-100
Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 94.164567, Min= -90.694587
FZ PF2L circular plasma (normal, shaped)
DCPS: Max= 94.164566, Min= -90.694587
8.12
-4 -2 0 2 4 6 8 10
time

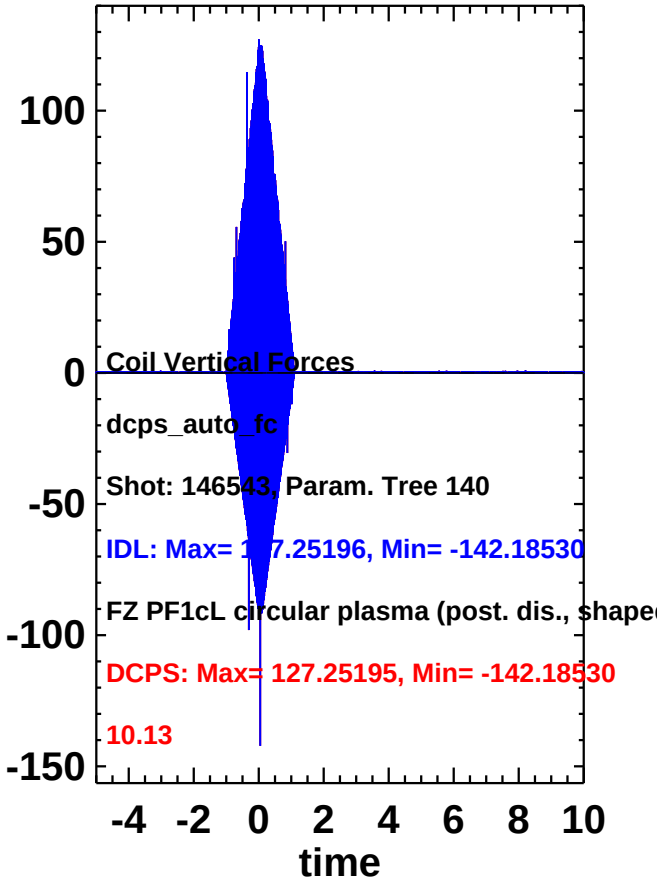

100
50
0
-50
-100
Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 105.91336, Min= -96.450661
FZ PF2L circular plasma (post. dis., circ.)
DCPS: Max= 105.91335, Min= -96.450663
9.12
-4 -2 0 2 4 6 8 10
time

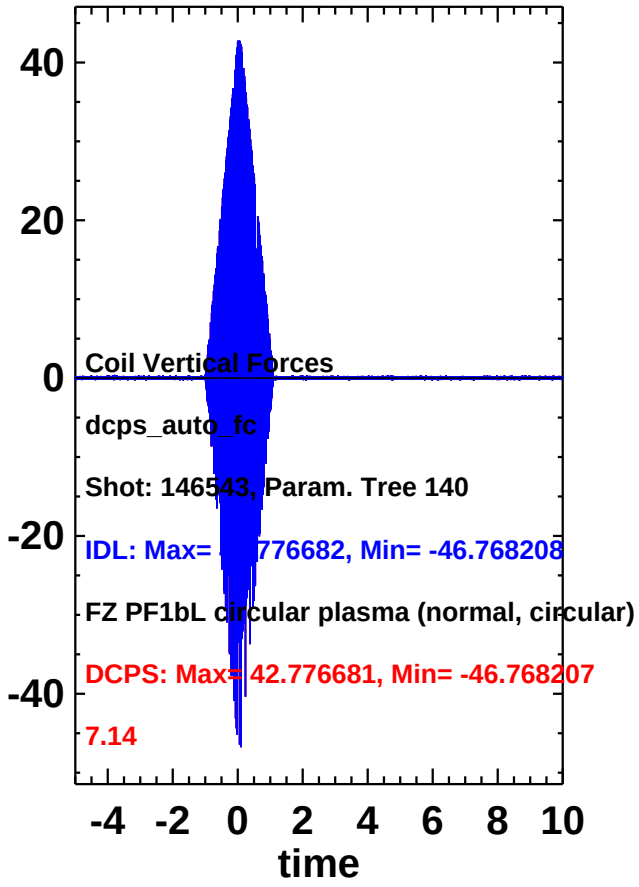

100
50
0
-50
-100
Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 121.08047, Min= -106.97241
FZ PF2L circular plasma (post. dis., shaped.)
DCPS: Max= 121.08047, Min= -106.97241
10.12
-4 -2 0 2 4 6 8 10
time

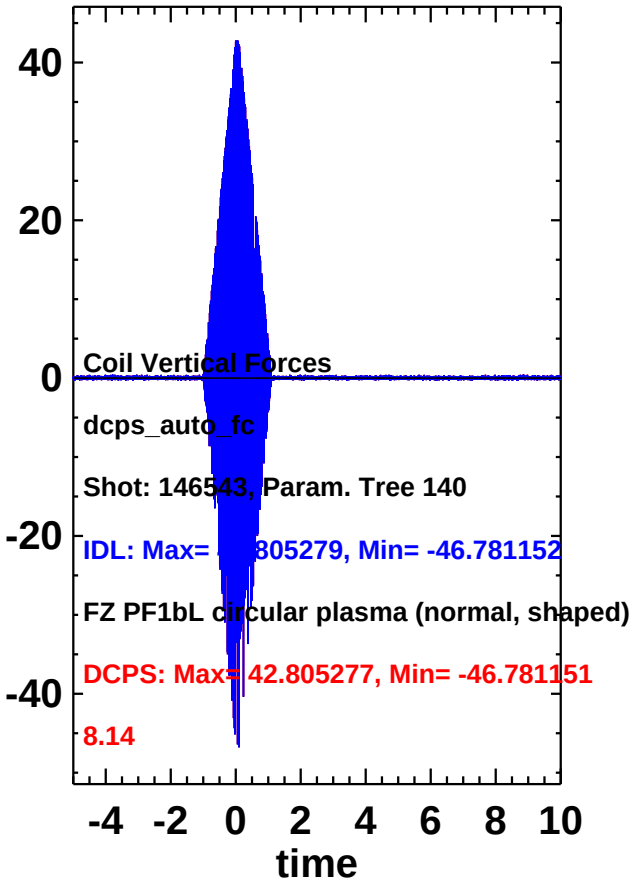

Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 118.38853, Min= -135.69445
FZ PF1cL circular plasma (normal, circular)
DCPS: Max= 118.38852, Min= -135.69445
7.13
100
50
0
-50
-100
-150
-4 -2 0 2 4 6 8 10
time

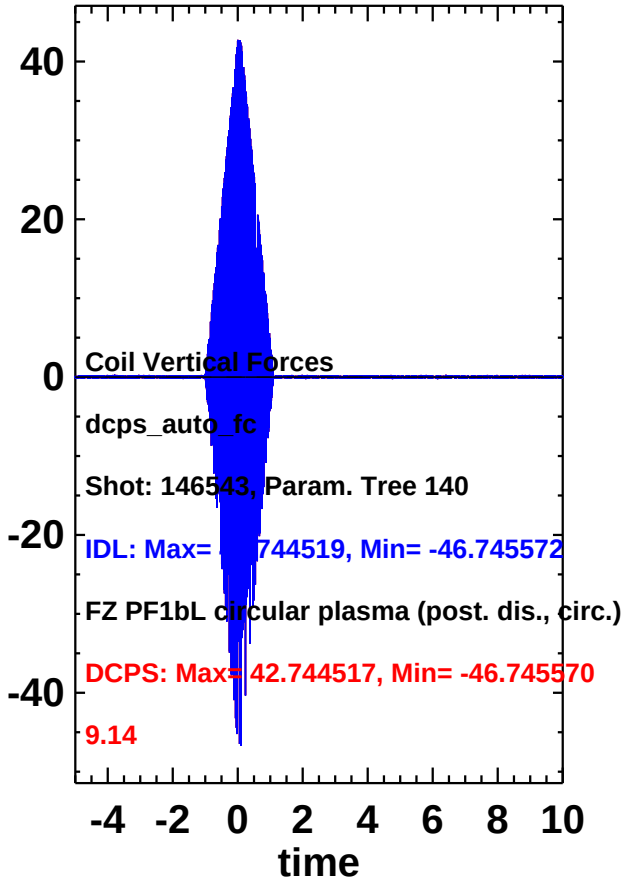

Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 118.59902, Min= -135.49082
FZ PF1cL circular plasma (normal, shaped)
DCPS: Max= 118.59902, Min= -135.49082
8.13
100
50
0
-50
-100
-150
-4 -2 0 2 4 6 8 10
time

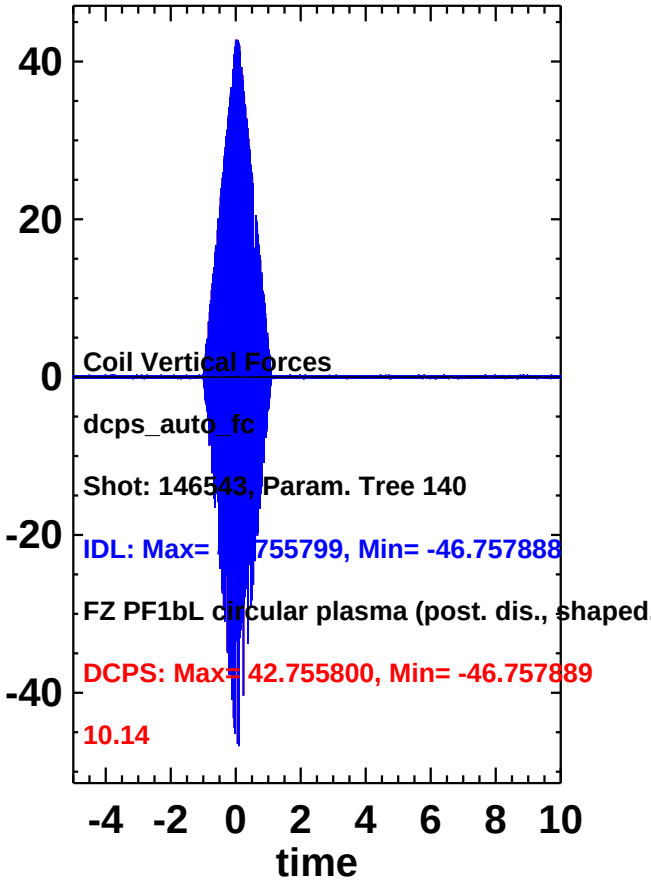

Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 118.40374, Min= -136.15094
FZ PF1cL circular plasma (post. dis., circ.)
DCPS: Max= 118.40374, Min= -136.15095
9.13
100
50
0
-50
-100
-150
-4 -2 0 2 4 6 8 10
time

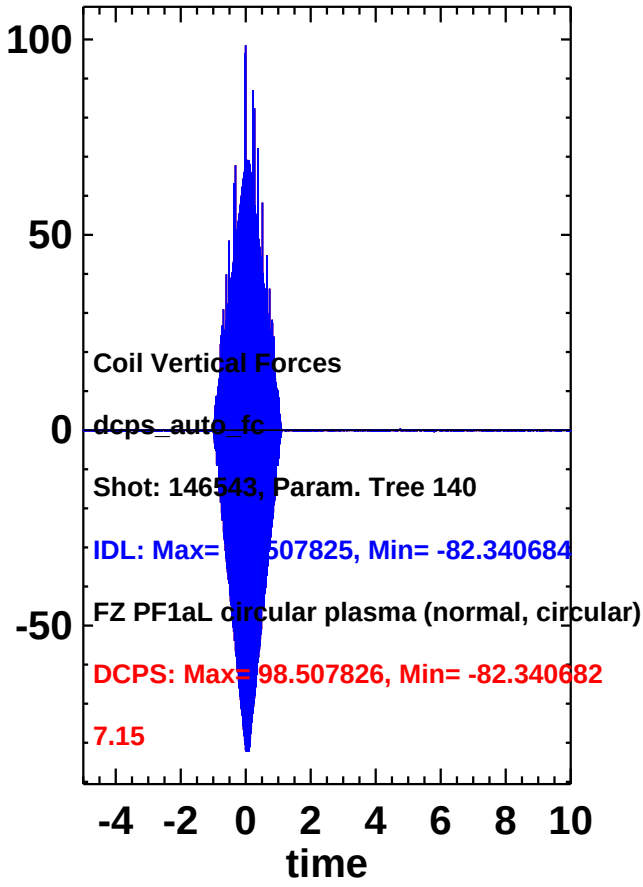

Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 127.25196, Min= -142.18530
FZ PF1cL circular plasma (post. dis., shaped.)
DCPS: Max= 127.25195, Min= -142.18530
10.13
100
50
0
-50
-100
-150
-4 -2 0 2 4 6 8 10
time

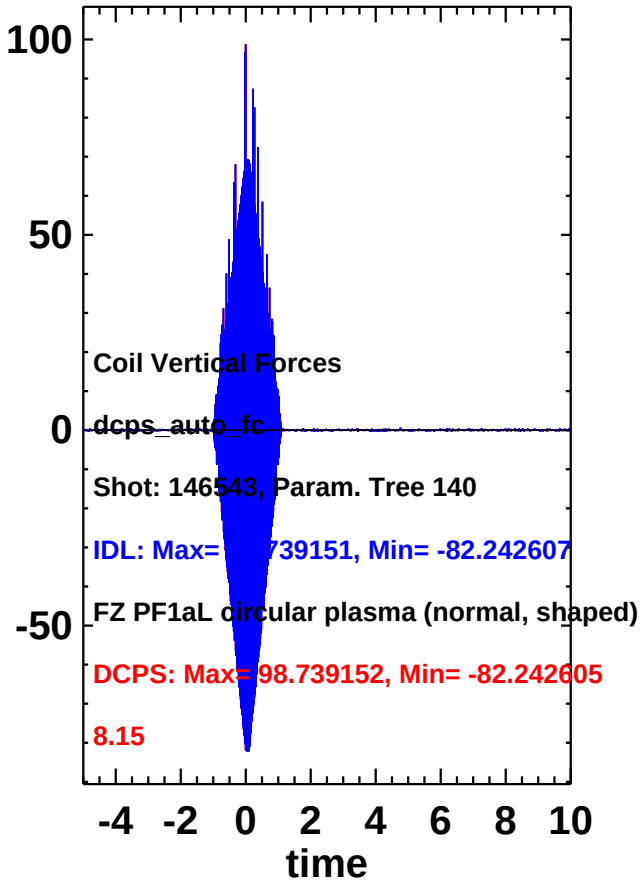

Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 42.776682, Min= -46.768208
FZ PF1bL circular plasma (normal, circular)
DCPS: Max= 42.776681, Min= -46.768207
7.14
40
20
0
-20
-40
-4 -2 0 2 4 6 8 10
time

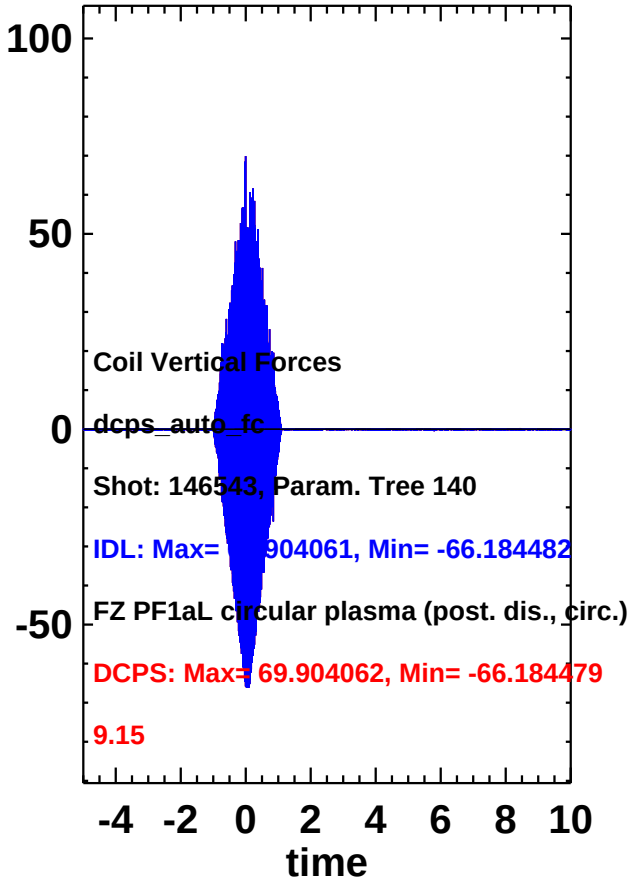

Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 42.805279, Min= -46.781152
FZ PF1bL circular plasma (normal, shaped)
DCPS: Max= 42.805277, Min= -46.781151
8.14
40
20
0
-20
-40
-4 -2 0 2 4 6 8 10
time

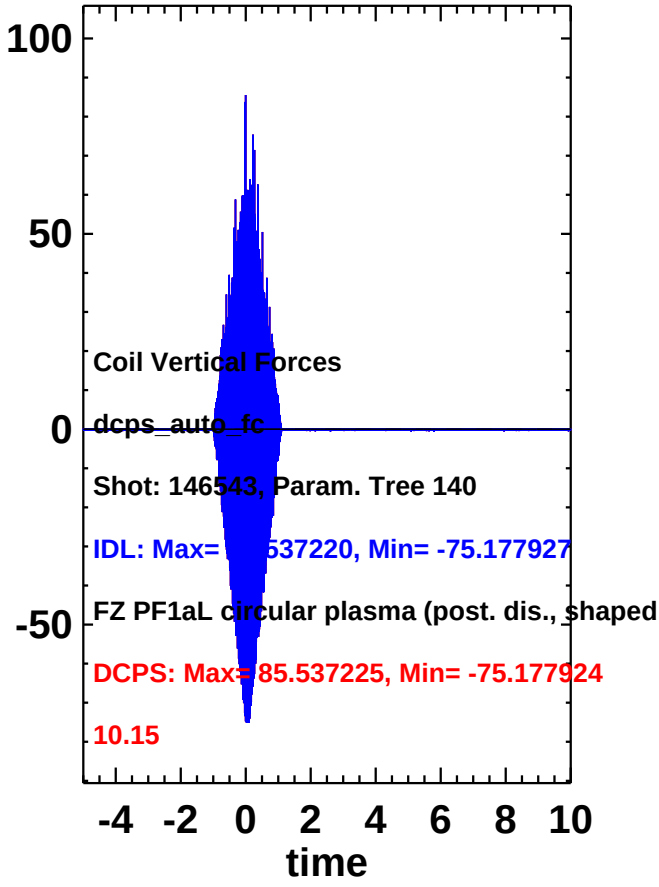

Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 42.744519, Min= -46.745572
FZ PF1bL circular plasma (post. dis., circ.)
DCPS: Max= 42.744517, Min= -46.745570
9.14
40
20
0
-20
-40
-4 -2 0 2 4 6 8 10
time

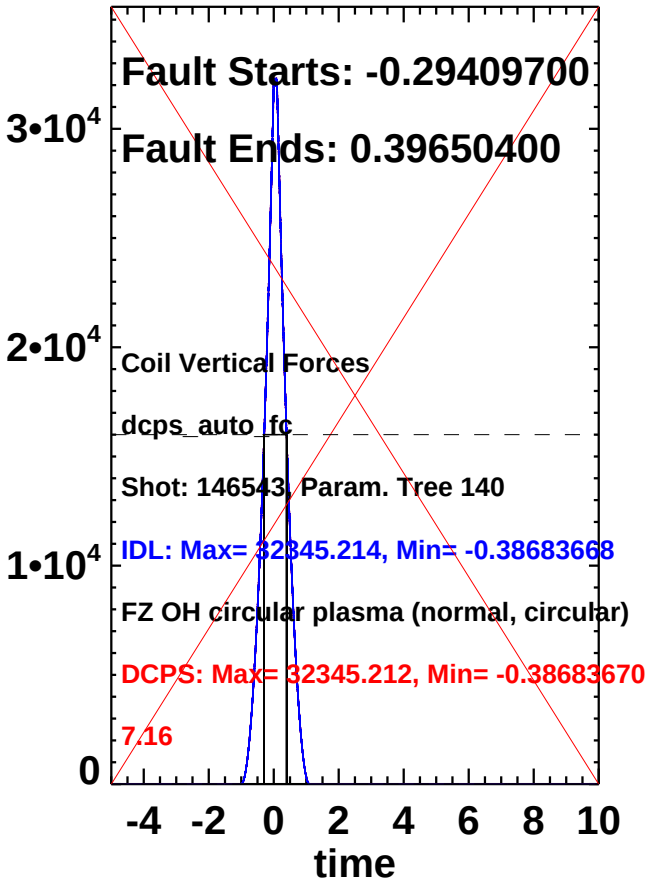

Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 42.755799, Min= -46.757888
FZ PF1bL circular plasma (post. dis., shaped.)
DCPS: Max= 42.755800, Min= -46.757889
10.14
40
20
0
-20
-40
-4 -2 0 2 4 6 8 10
time

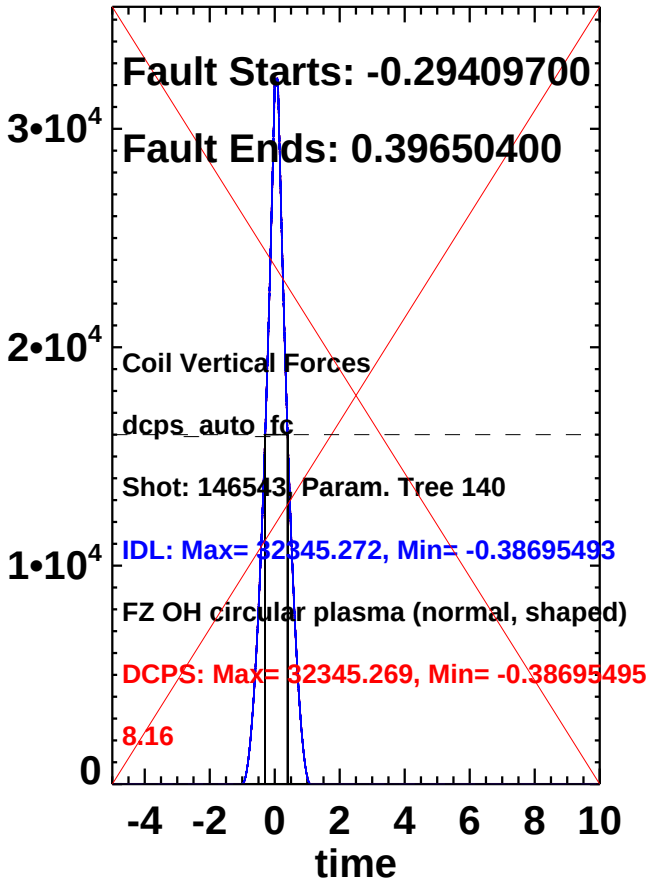

Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 98.507825, Min= -82.340684
FZ PF1aL circular plasma (normal, circular)
DCPS: Max= 98.507826, Min= -82.340682
7.15
100
50
0
-50
-4 -2 0 2 4 6 8 10
time

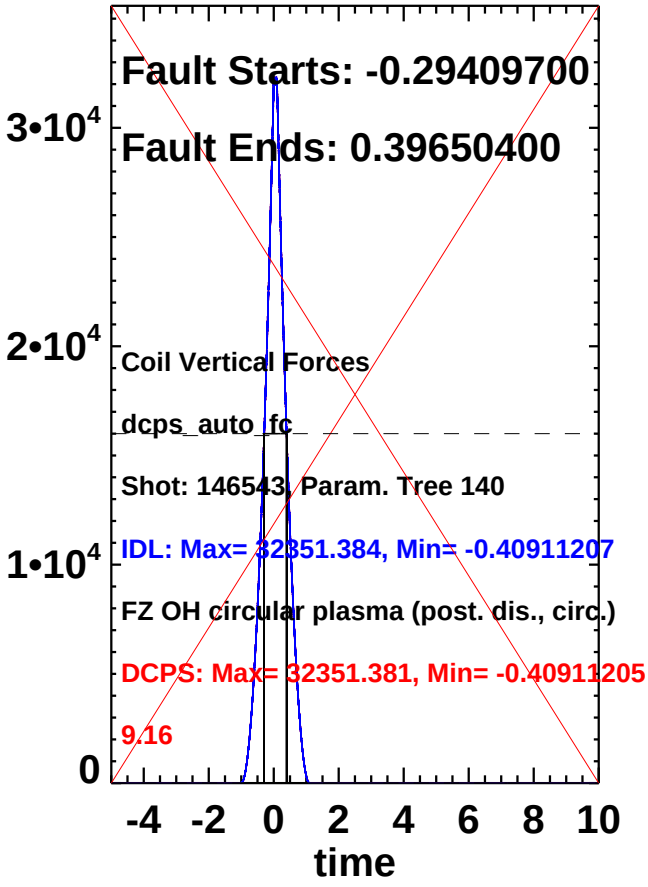

Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 98.739151, Min= -82.242607
FZ PF1aL circular plasma (normal, shaped)
DCPS: Max= 98.739152, Min= -82.242605
8.15
100
50
0
-50
-4 -2 0 2 4 6 8 10
time

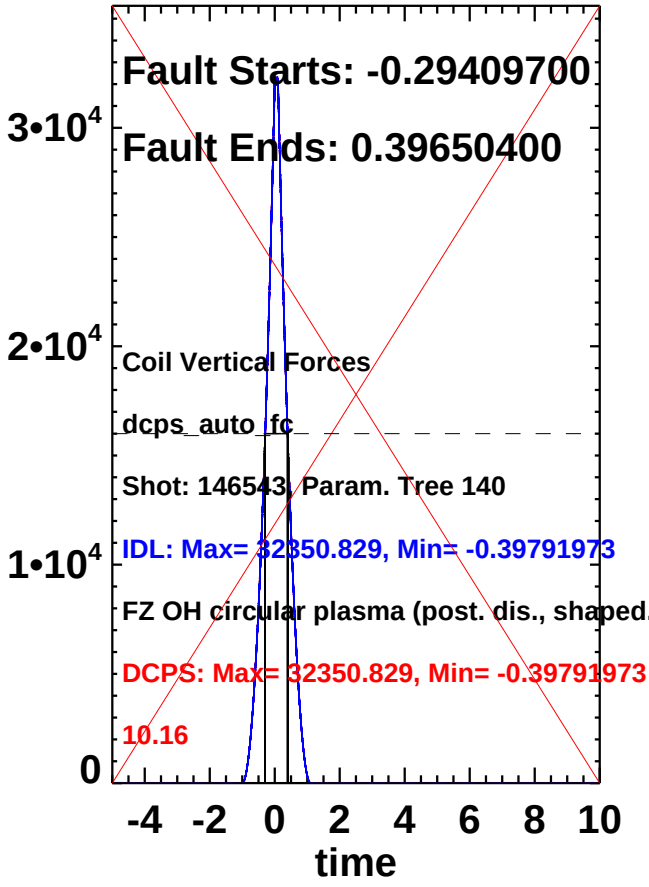

Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 69.904061, Min= -66.184482
FZ PF1aL circular plasma (post. dis., circ.)
DCPS: Max= 69.904062, Min= -66.184479
9.15
100
50
0
-50
-4 -2 0 2 4 6 8 10
time

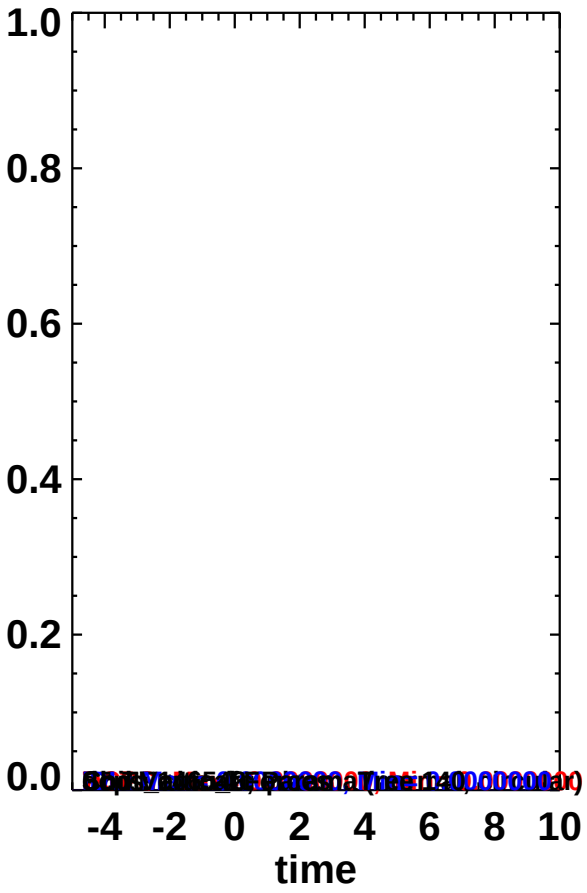

Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 85.537220, Min= -75.177927
FZ PF1aL circular plasma (post. dis., shaped.)
DCPS: Max= 85.537225, Min= -75.177924
10.15
100
50
0
-50
-4 -2 0 2 4 6 8 10
time

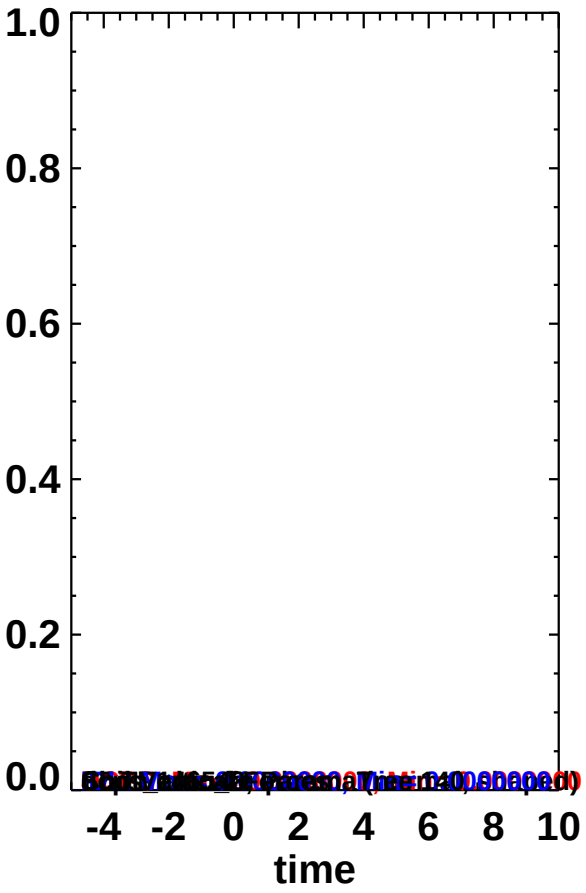

Fault Starts: -0.29409700
Fault Ends: 0.39650400
3•10^4
2•10^4
1•10^4
0
Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 32345.214, Min= -0.38683668
FZ OH circular plasma (normal, circular)
DCPS: Max= 32345.212, Min= -0.38683670
7.16
-4 -2 0 2 4 6 8 10
time

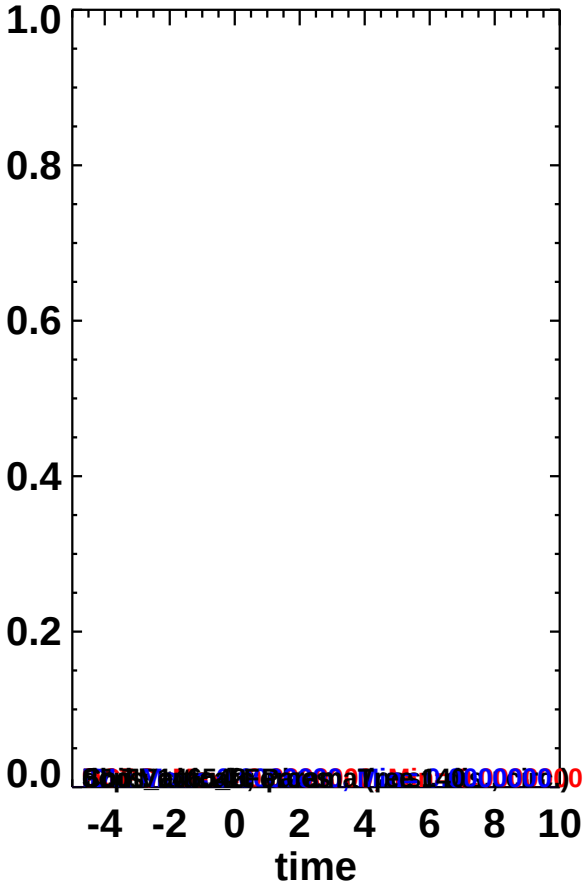

Fault Starts: -0.29409700
Fault Ends: 0.39650400
3•10^4
2•10^4
1•10^4
0
Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 32345.272, Min= -0.38695493
FZ OH circular plasma (normal, shaped)
DCPS: Max= 32345.269, Min= -0.38695495
8.16
-4 -2 0 2 4 6 8 10
time

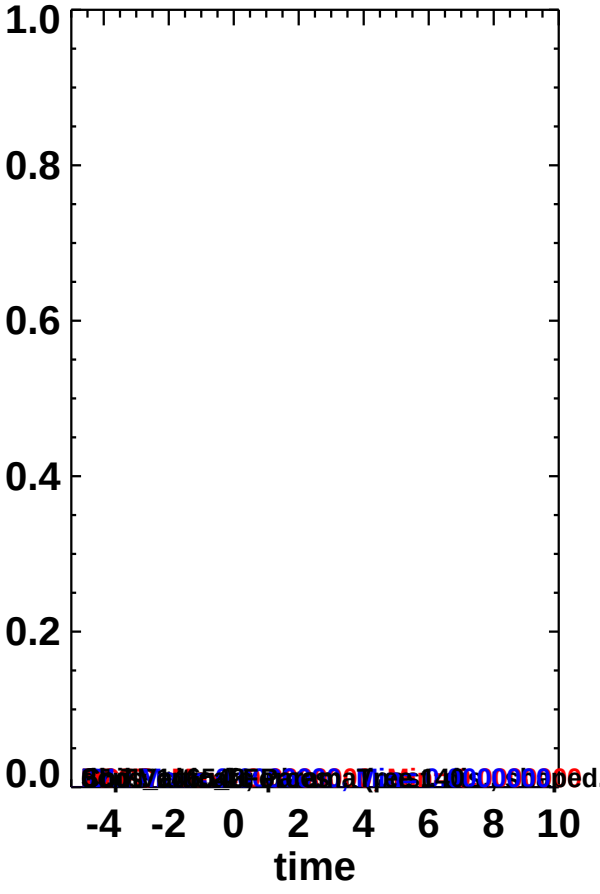

Fault Starts: -0.29409700
Fault Ends: 0.39650400
3•10^4
2•10^4
1•10^4
0
Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 32351.384, Min= -0.40911207
FZ OH circular plasma (post. dis., circ.)
DCPS: Max= 32351.381, Min= -0.40911205
9.16
-4 -2 0 2 4 6 8 10
time


Fault Starts: -0.29409700
Fault Ends: 0.39650400
3•10^4
2•10^4
1•10^4
0
Coil Vertical Forces
dcps_auto_fc
Shot: 146543, Param. Tree 140
IDL: Max= 32350.829, Min= -0.39791973
FZ OH circular plasma (post. dis., shaped.)
DCPS: Max= 32350.829, Min= -0.39791973
10.16
-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


1.0
0.8
0.6
0.4
0.2
0.0
-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


1.0
0.8
0.6
0.4
0.2
0.0
-4 -2 0 2 4 6 8 10
time