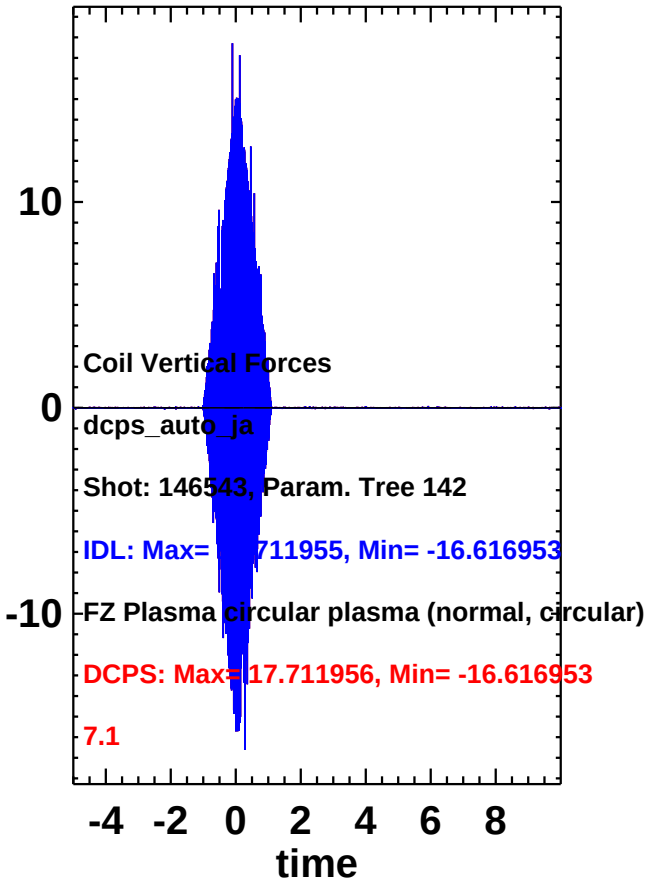
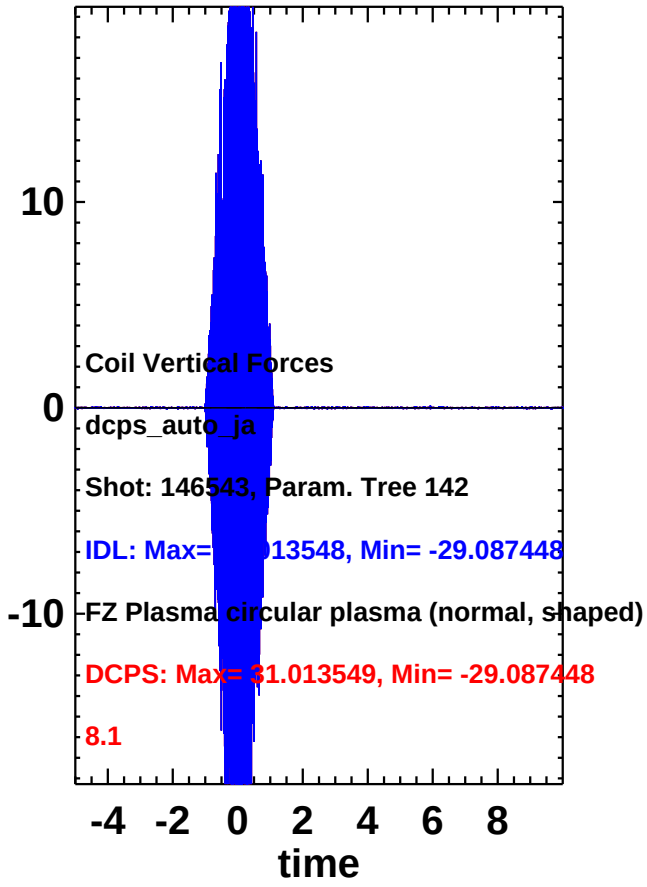
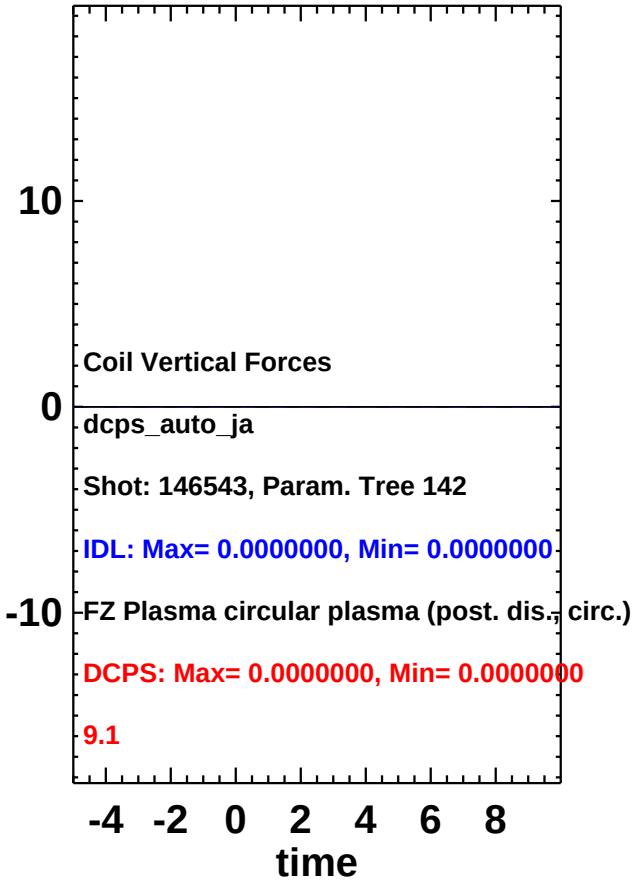
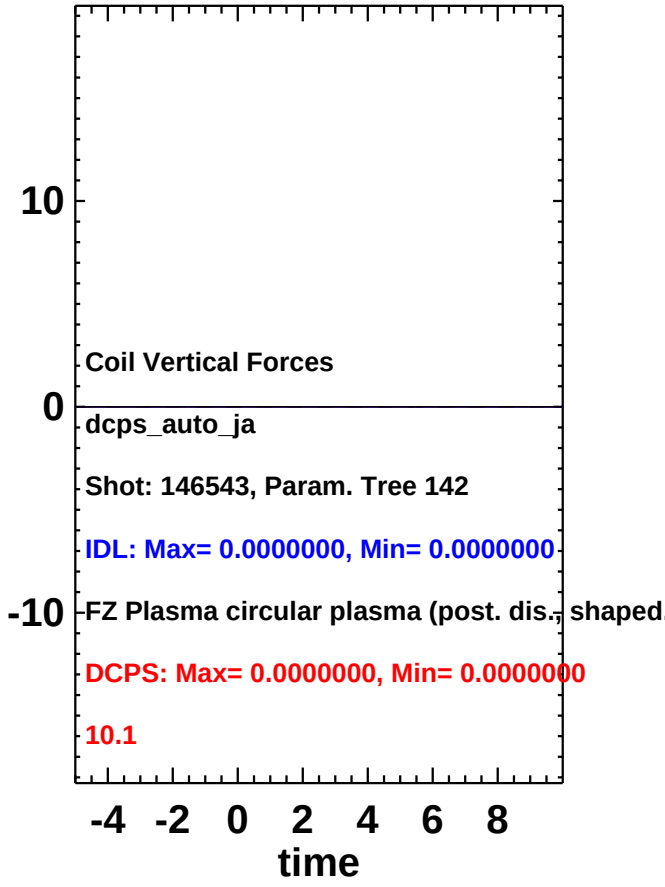
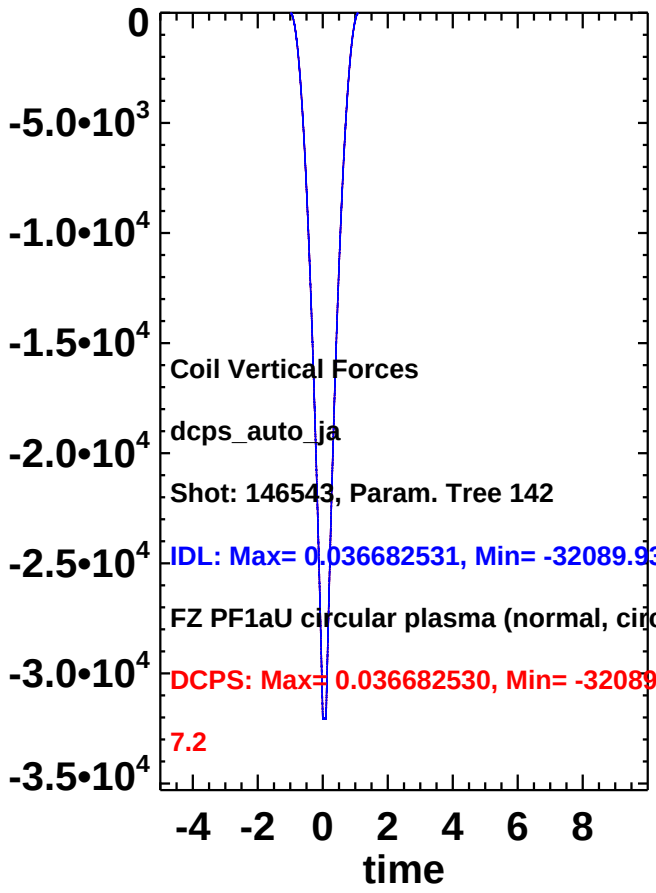
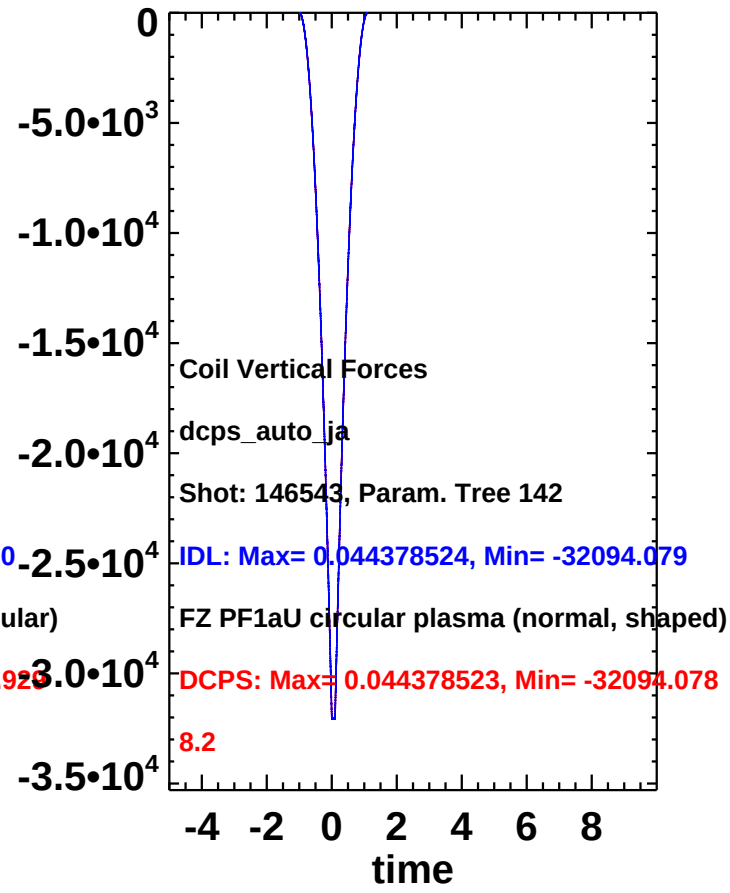

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 711955, Min= -16.616953
FZ Plasma circular plasma (normal, circular)
DCPS: Max= 17.711956, Min= -16.616953
7.1
10
0
-10
-4 -2 0 2 4 6 8
time

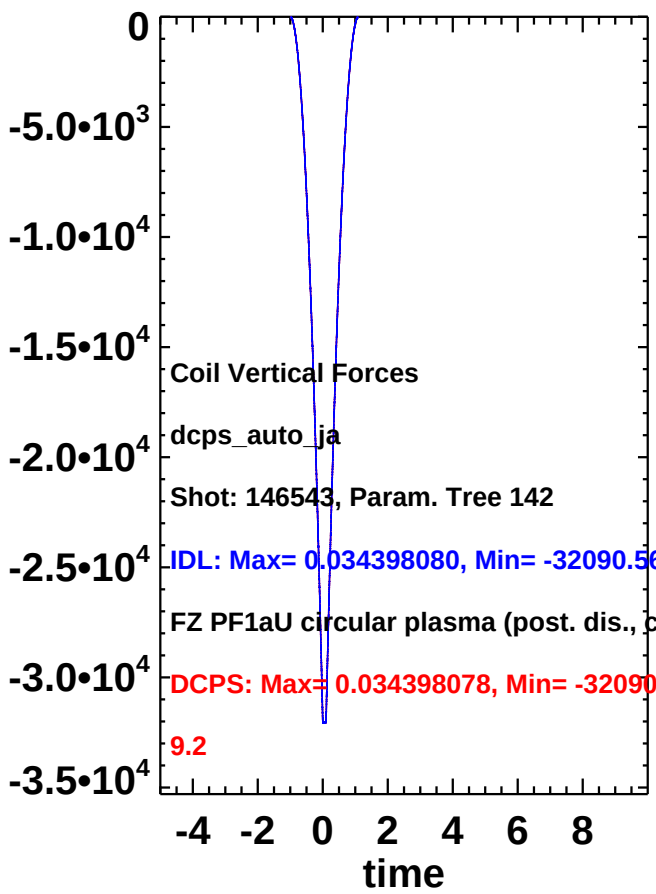

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 013548, Min= -29.087448
FZ Plasma circular plasma (normal, shaped)
DCPS: Max= 31.013549, Min= -29.087448
8.1
10
0
-10
-4 -2 0 2 4 6 8
time

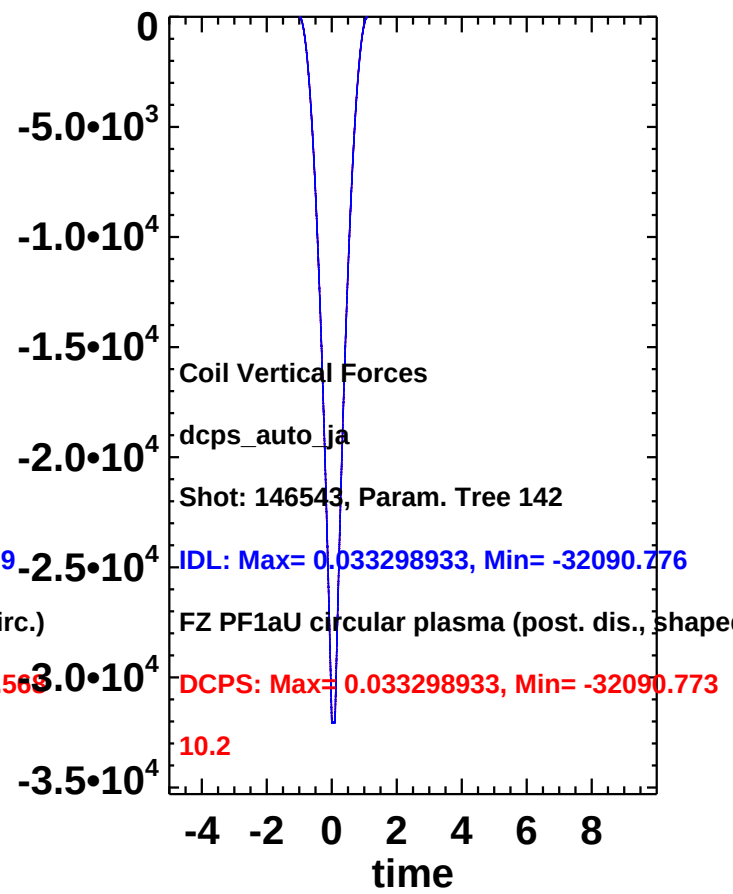

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 0.0000000, Min= 0.0000000
FZ Plasma circular plasma (post. dis., circ.)
DCPS: Max= 0.0000000, Min= 0.0000000
9.1
10
0
-10
-4 -2 0 2 4 6 8
time

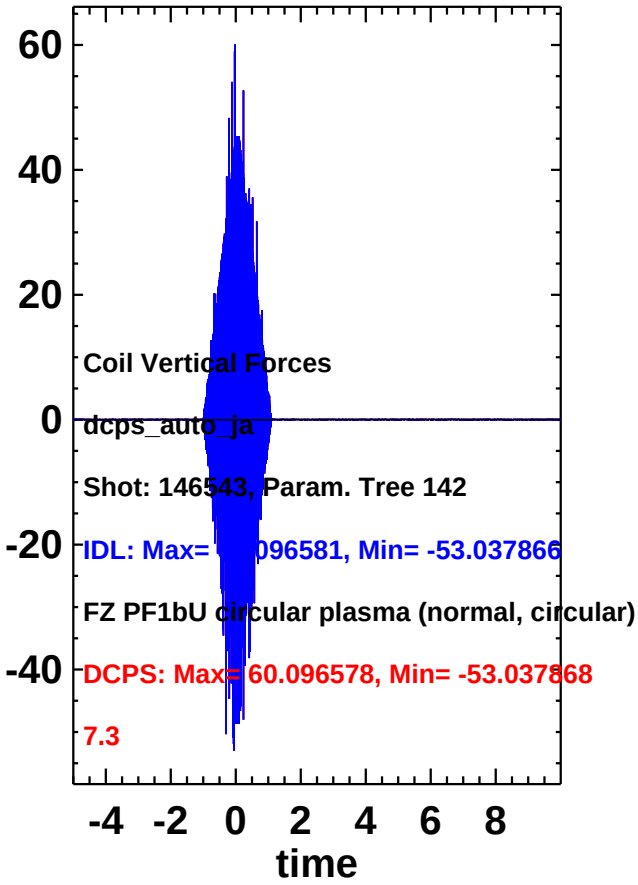

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 0.0000000, Min= 0.0000000
FZ Plasma circular plasma (post. dis., shaped
DCPS: Max= 0.0000000, Min= 0.0000000
10.1
10
0
-10
-4 -2 0 2 4 6 8
time

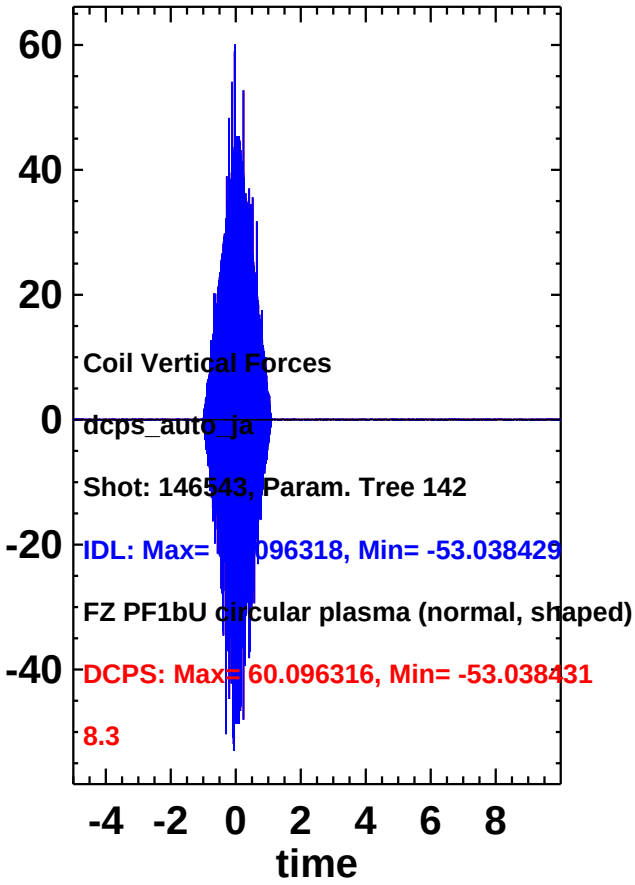

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 0.036682531, Min= -32089.930
FZ PF1aU circular plasma (normal, circular)
DCPS: Max= 0.036682530, Min= -32089.929
7.2
time

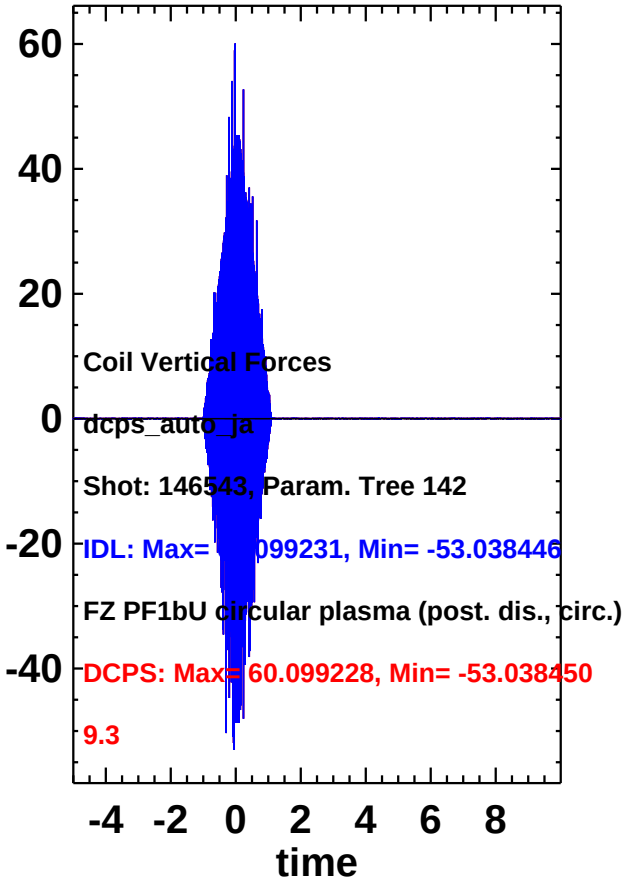

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 0.044378524, Min= -32094.079
FZ PF1aU circular plasma (normal, shaped)
DCPS: Max= 0.044378523, Min= -32094.078
8.2
time

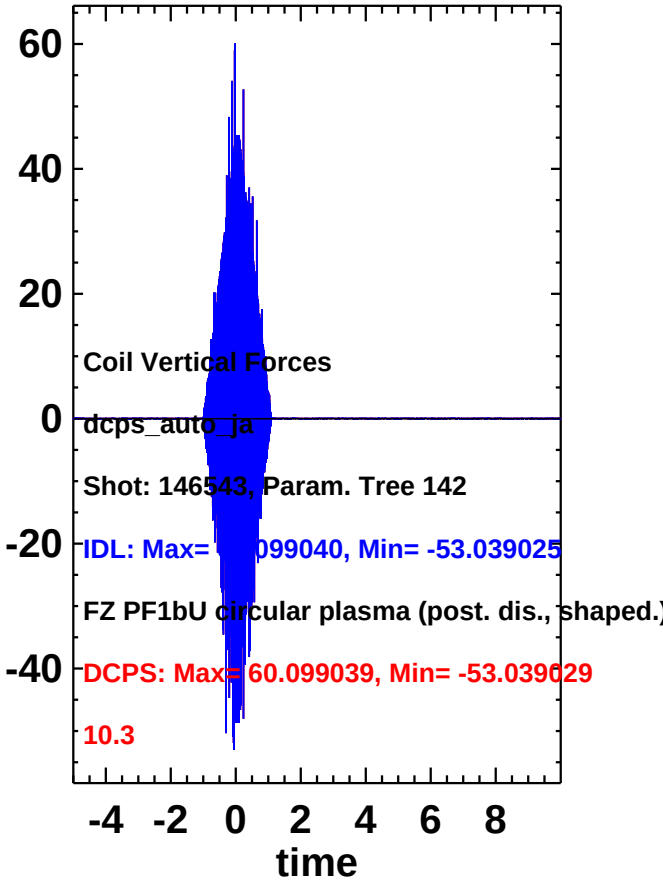

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 0.034398080, Min= -32090.569
FZ PF1aU circular plasma (post. dis., circ.)
DCPS: Max= 0.034398078, Min= -32090.568
9.2
time

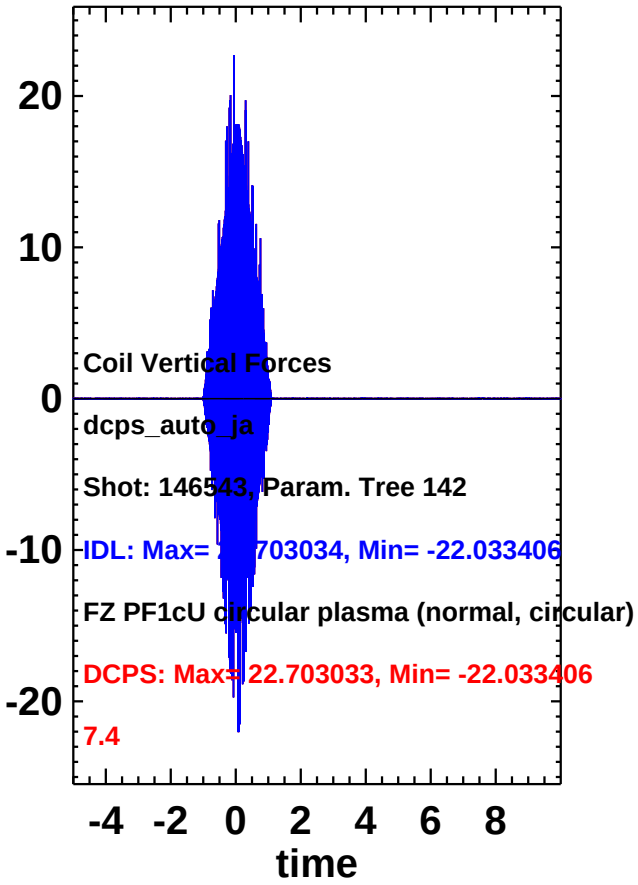

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 0.033298933, Min= -32090.776
FZ PF1aU circular plasma (post. dis., shaped.)
DCPS: Max= 0.033298933, Min= -32090.773
10.2
time

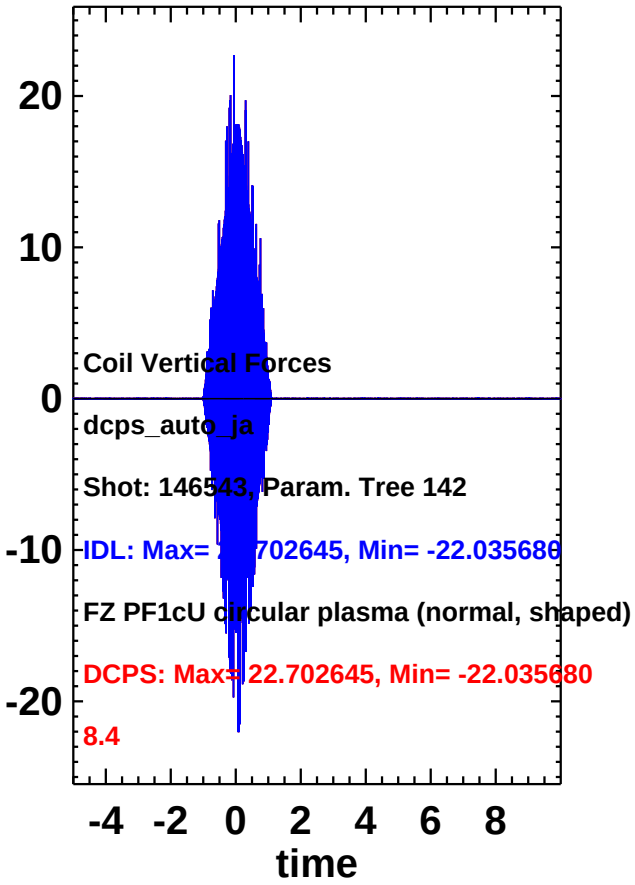

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 096581, Min= -53.037866
FZ PF1bU circular plasma (normal, circular)
DCPS: Max= 60.096578, Min= -53.037868
7.3
time

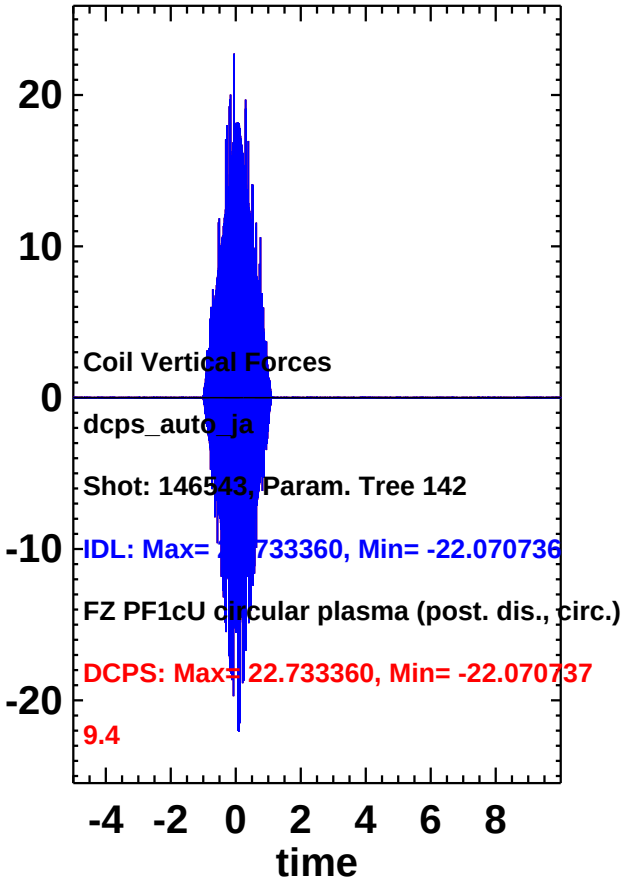

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 096318, Min= -53.038429
FZ PF1bU circular plasma (normal, shaped)
DCPS: Max= 60.096316, Min= -53.038431
8.3
time

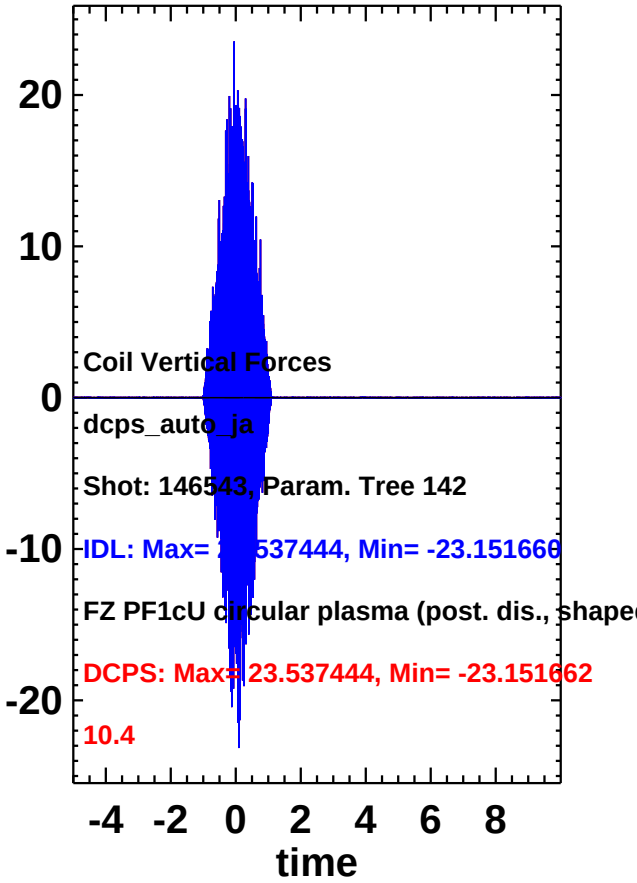

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 099231, Min= -53.038446
FZ PF1bU circular plasma (post. dis., circ.)
DCPS: Max= 60.099228, Min= -53.038450
9.3
time

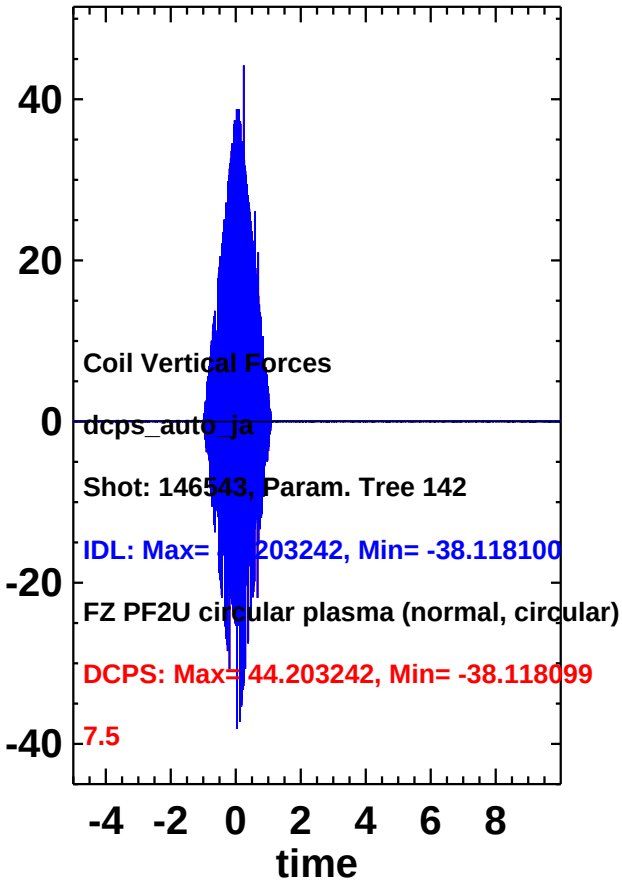

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 099040, Min= -53.039025
FZ PF1bU circular plasma (post. dis., shaped.)
DCPS: Max= 60.099039, Min= -53.039029
10.3
time

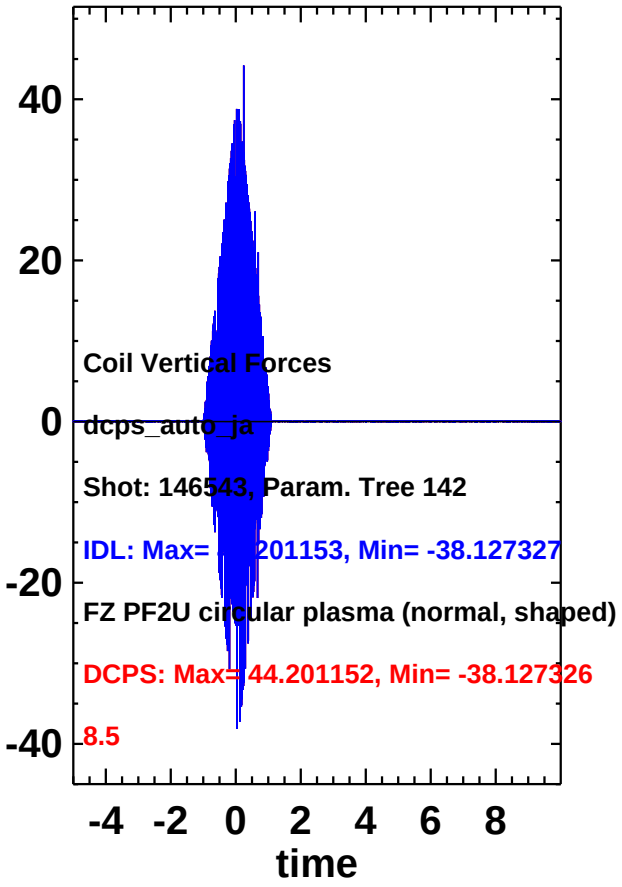

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 22.703034, Min= -22.033406
FZ PF1cU circular plasma (normal, circular)
DCPS: Max= 22.703033, Min= -22.033406
7.4
20
10
0
-10
-20
-4 -2 0 2 4 6 8
time

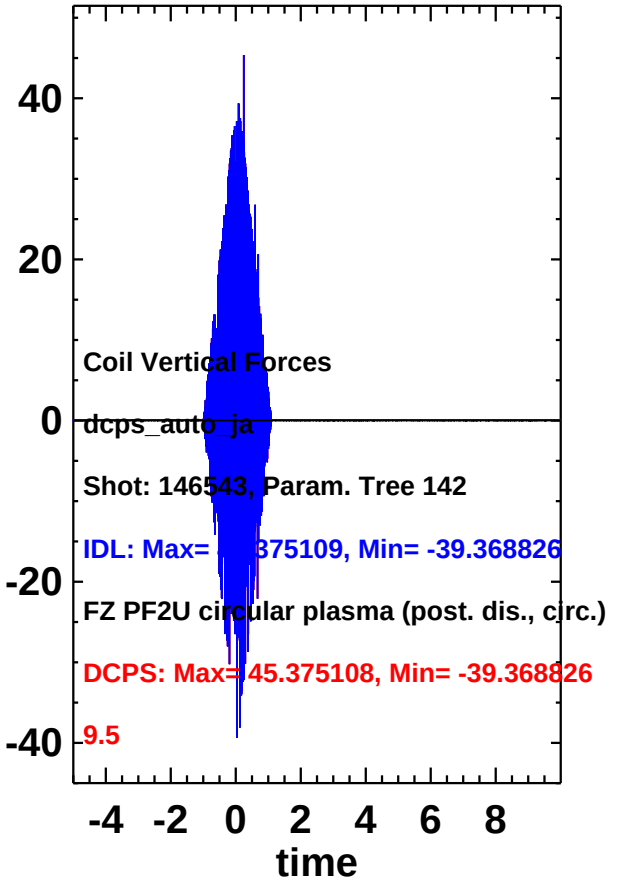

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 22.702645, Min= -22.035680
FZ PF1cU circular plasma (normal, shaped)
DCPS: Max= 22.702645, Min= -22.035680
8.4
20
10
0
-10
-20
-4 -2 0 2 4 6 8
time

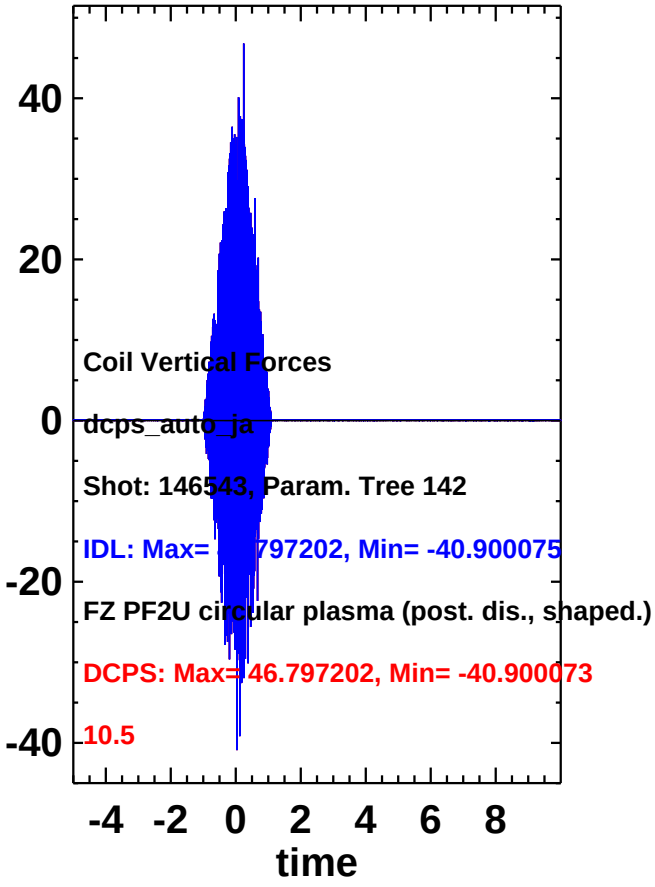

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 22.733360, Min= -22.070736
FZ PF1cU circular plasma (post. dis., circ.)
DCPS: Max= 22.733360, Min= -22.070737
9.4
20
10
0
-10
-20
-4 -2 0 2 4 6 8
time

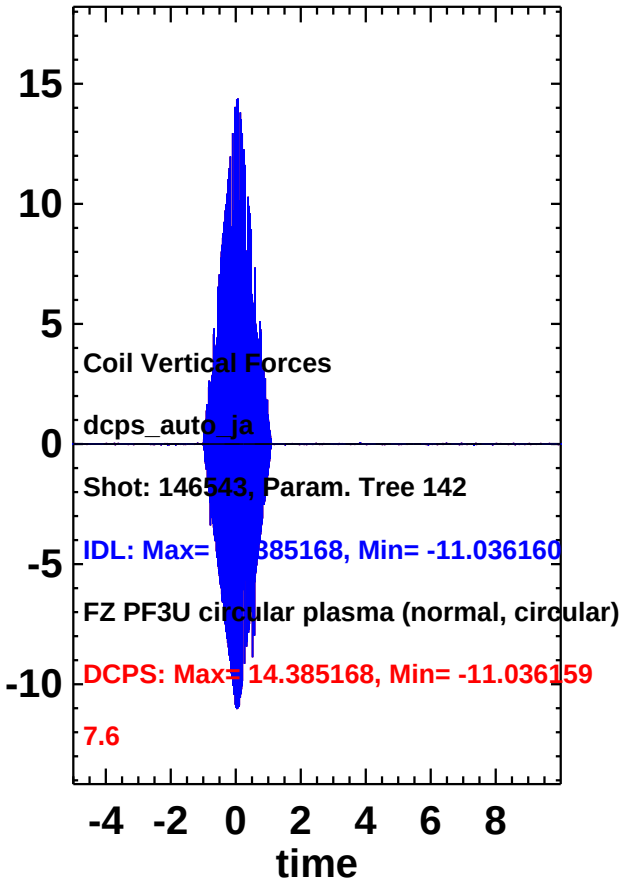

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 23.537444, Min= -23.151660
FZ PF1cU circular plasma (post. dis., shaped.)
DCPS: Max= 23.537444, Min= -23.151662
10.4
20
10
0
-10
-20
-4 -2 0 2 4 6 8
time

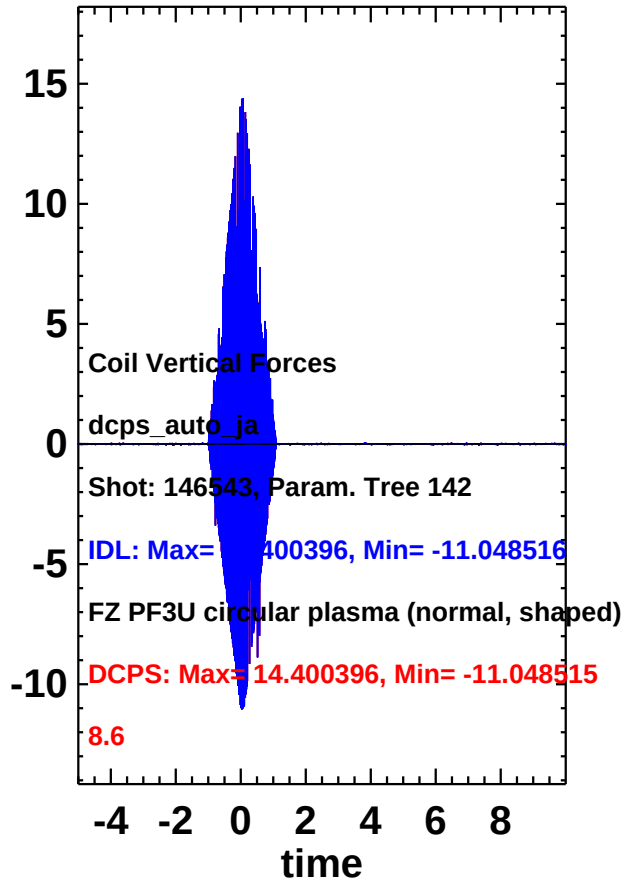

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 203242, Min= -38.118100
FZ PF2U circular plasma (normal, circular)
DCPS: Max= 44.203242, Min= -38.118099
7.5
40
20
0
-20
-40
-4 -2 0 2 4 6 8
time

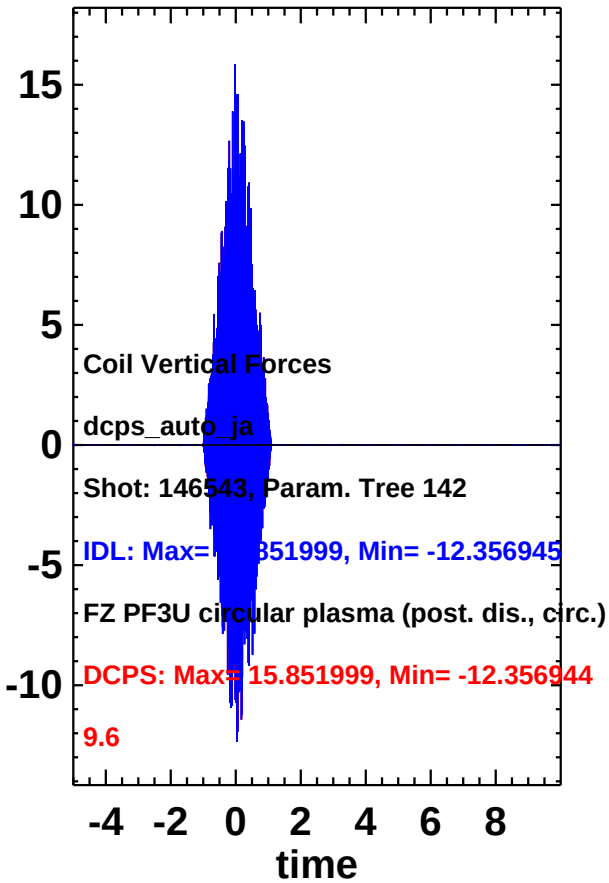

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 201153, Min= -38.127327
FZ PF2U circular plasma (normal, shaped)
DCPS: Max= 44.201152, Min= -38.127326
8.5
40
20
0
-20
-40
-4 -2 0 2 4 6 8
time

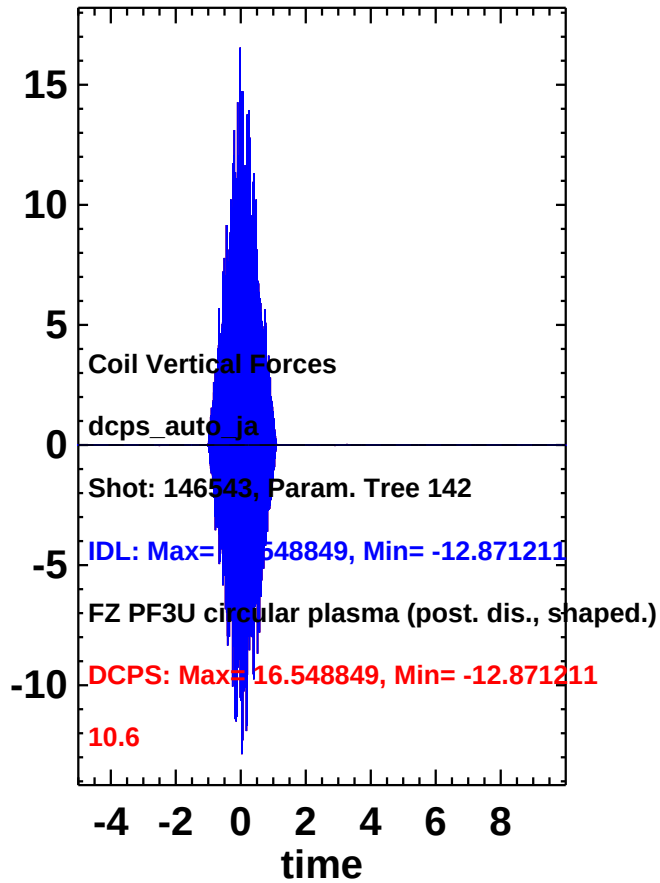

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 375109, Min= -39.368826
FZ PF2U circular plasma (post. dis., circ.)
DCPS: Max= 45.375108, Min= -39.368826
9.5
40
20
0
-20
-40
-4 -2 0 2 4 6 8
time

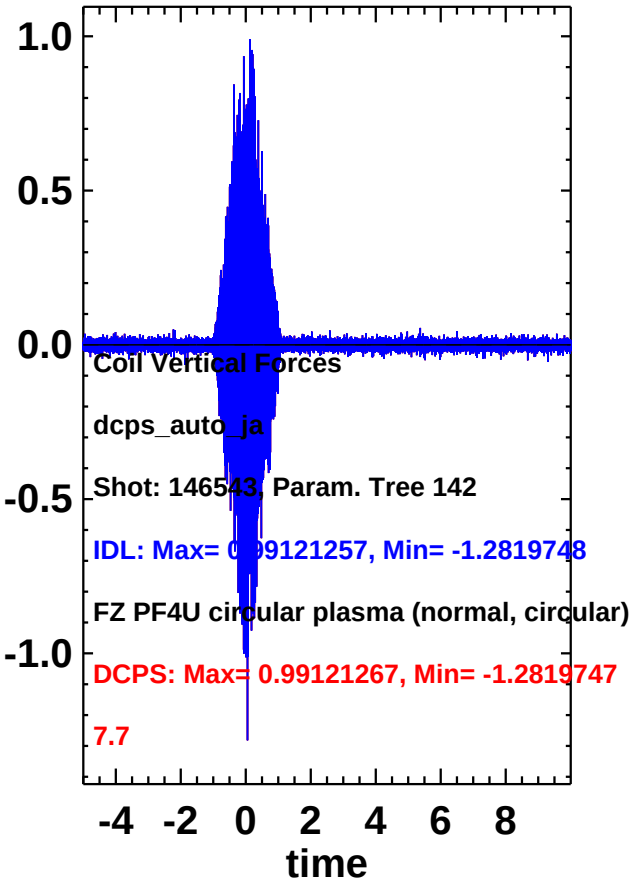

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 797202, Min= -40.900075
FZ PF2U circular plasma (post. dis., shaped.)
DCPS: Max= 46.797202, Min= -40.900073
10.5
40
20
0
-20
-40
-4 -2 0 2 4 6 8
time

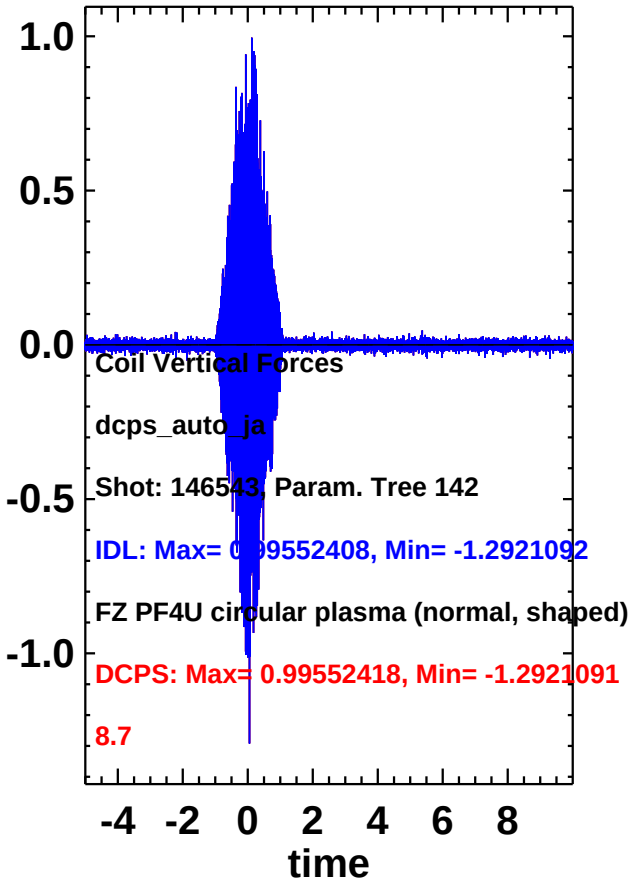

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 385168, Min= -11.036160
FZ PF3U circular plasma (normal, circular)
DCPS: Max= 14.385168, Min= -11.036159
7.6
time

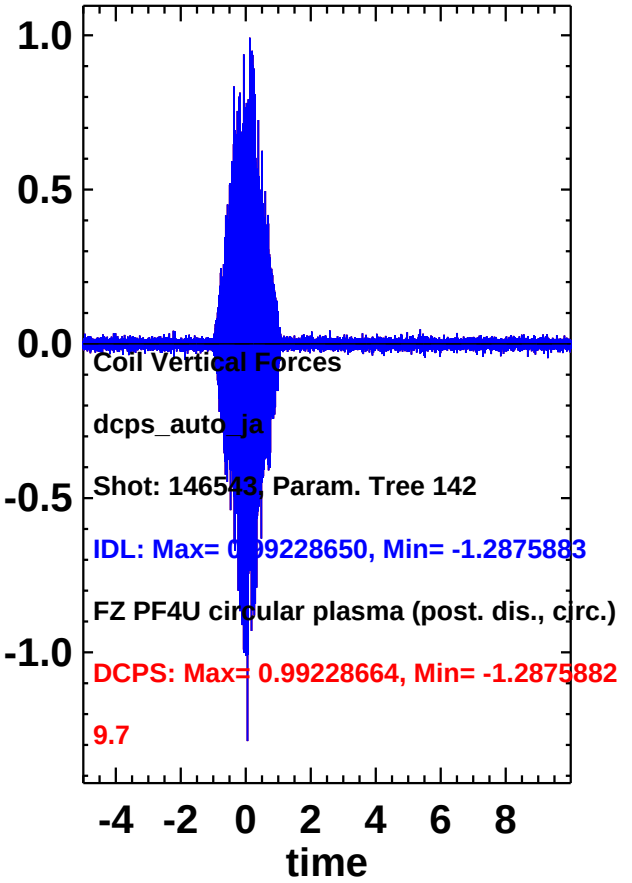

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 400396, Min= -11.048516
FZ PF3U circular plasma (normal, shaped)
DCPS: Max= 14.400396, Min= -11.048515
8.6
time

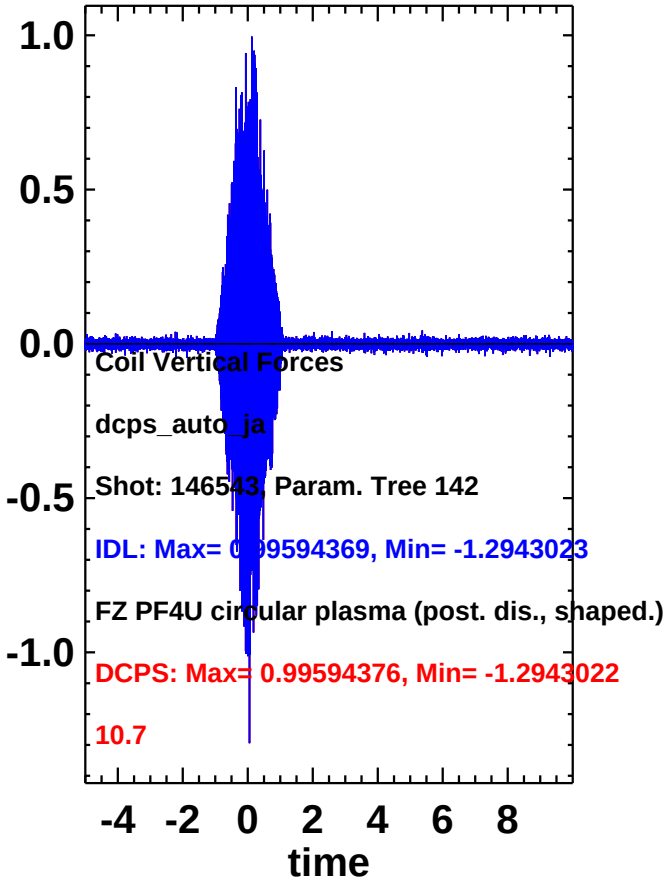

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 851999, Min= -12.356945
FZ PF3U circular plasma (post. dis., circ.)
DCPS: Max= 15.851999, Min= -12.356944
9.6
time

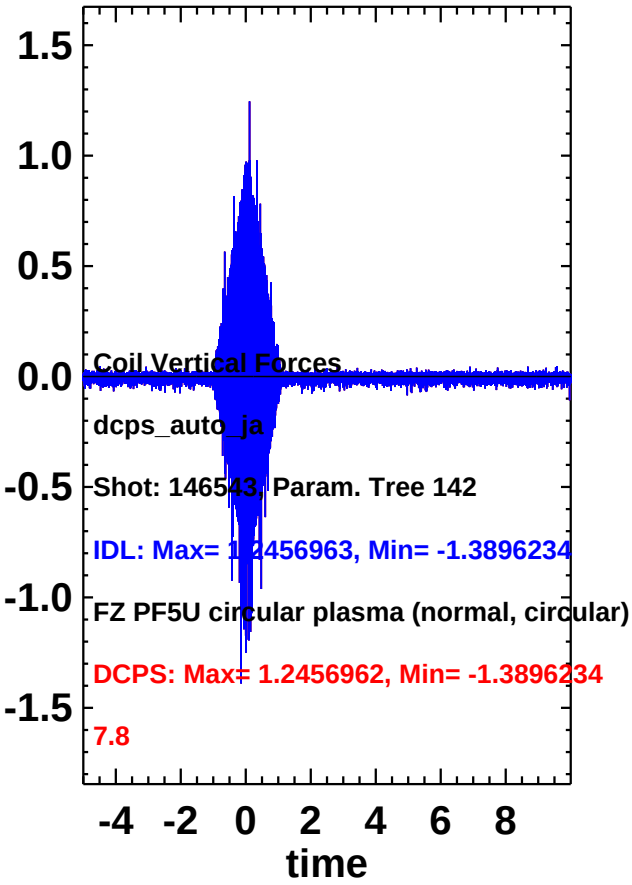

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 548849, Min= -12.871211
FZ PF3U circular plasma (post. dis., shaped.)
DCPS: Max= 16.548849, Min= -12.871211
10.6
time

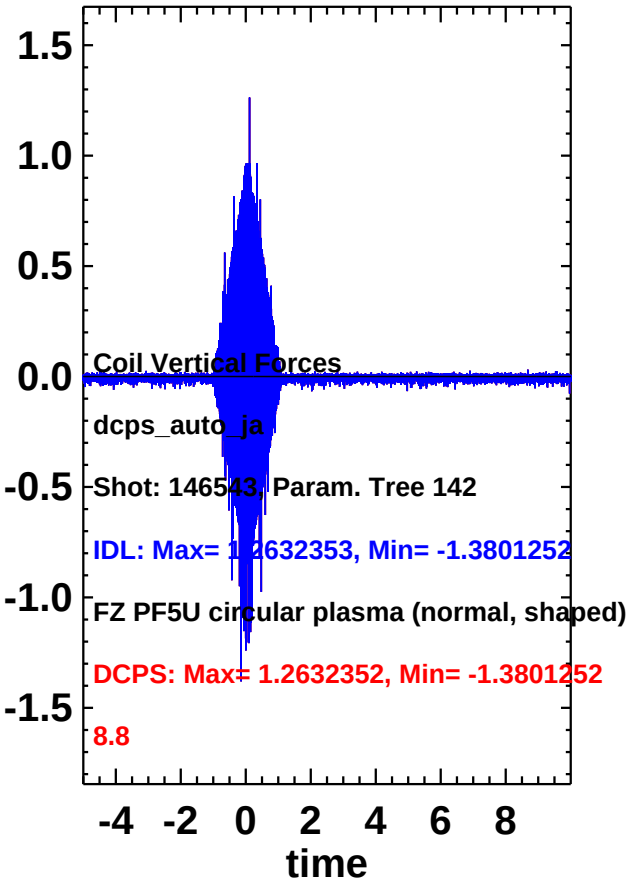

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 0.99121257, Min= -1.2819748
FZ PF4U circular plasma (normal, circular)
DCPS: Max= 0.99121267, Min= -1.2819747
7.7
time

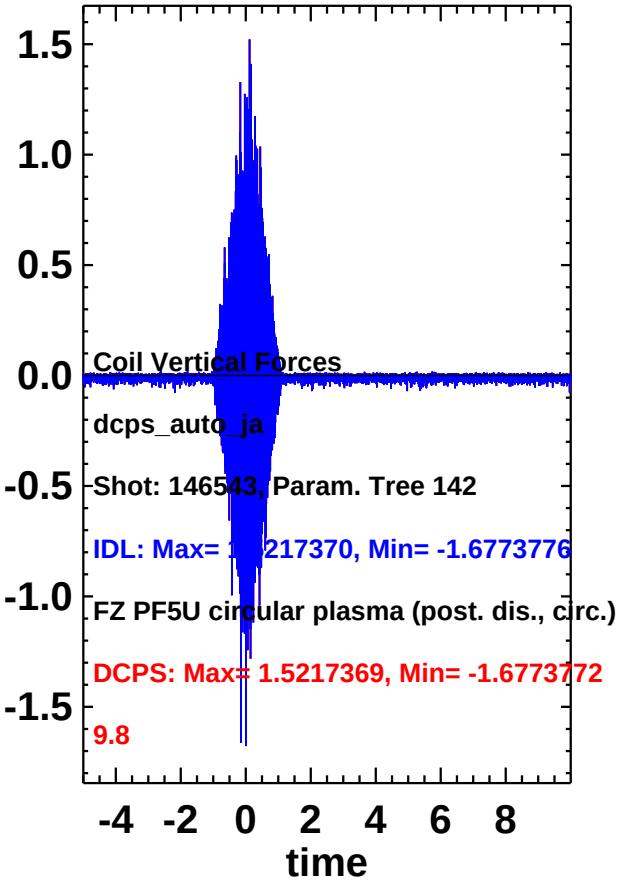

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 0.99552408, Min= -1.2921092
FZ PF4U circular plasma (normal, shaped)
DCPS: Max= 0.99552418, Min= -1.2921091
8.7
time

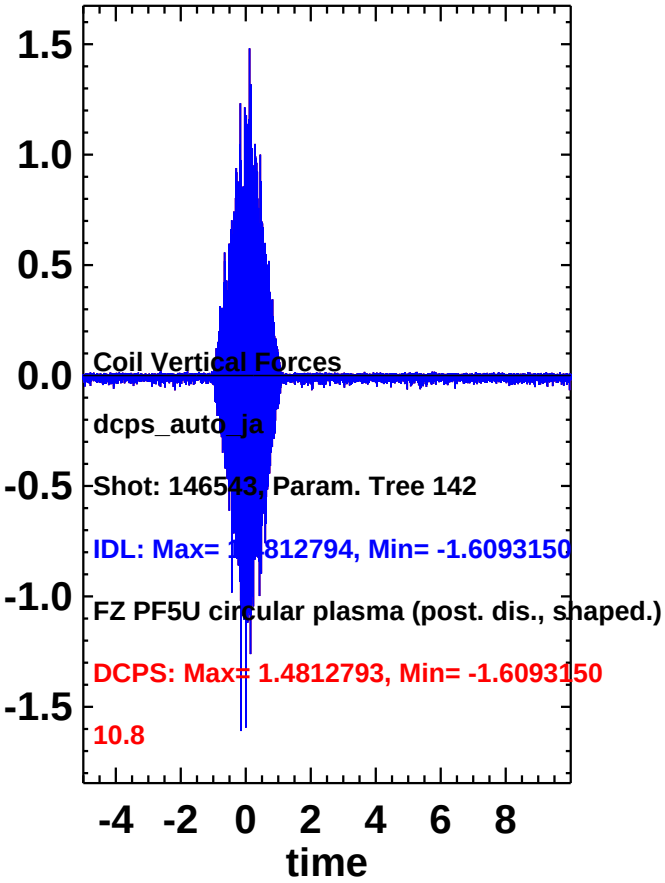

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 0.99228650, Min= -1.2875883
FZ PF4U circular plasma (post. dis., circ.)
DCPS: Max= 0.99228664, Min= -1.2875882
9.7
time

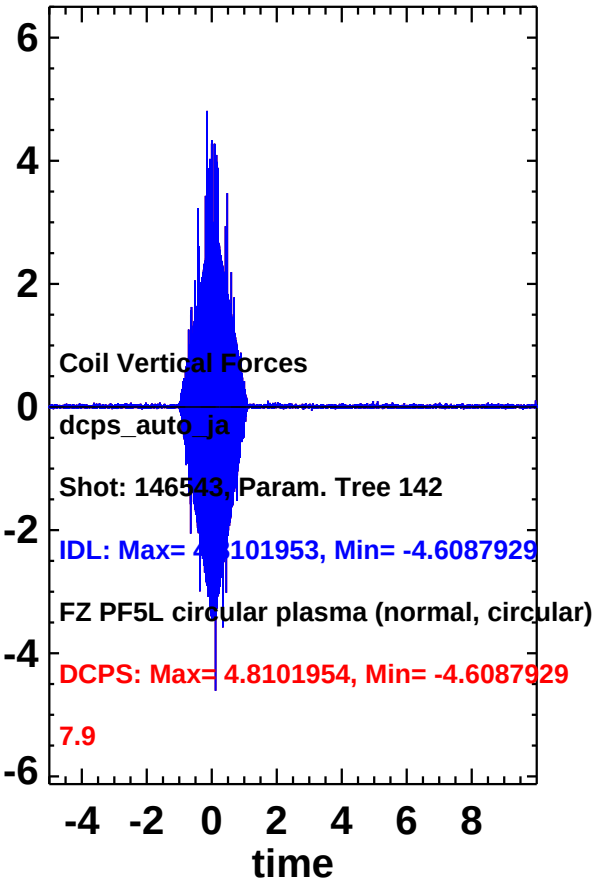

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 0.99594369, Min= -1.2943023
FZ PF4U circular plasma (post. dis., shaped.)
DCPS: Max= 0.99594376, Min= -1.2943022
10.7
time

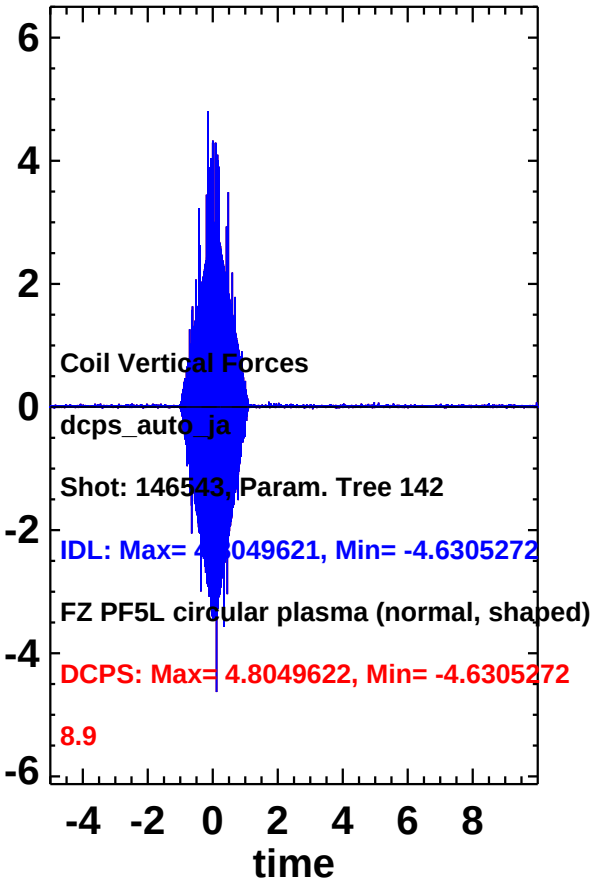

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 1.2456963, Min= -1.3896234
FZ PF5U circular plasma (normal, circular)
DCPS: Max= 1.2456962, Min= -1.3896234
7.8
time

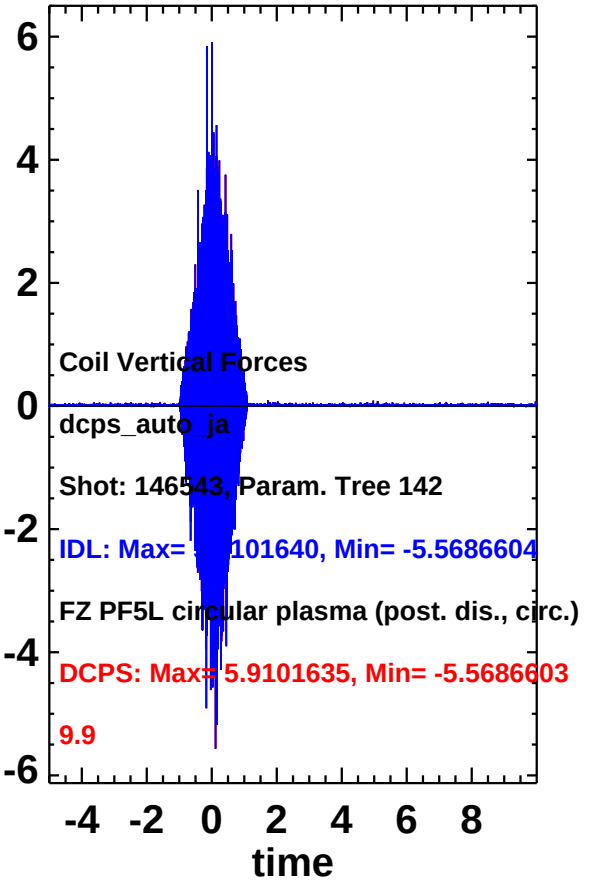

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 1.2632353, Min= -1.3801252
FZ PF5U circular plasma (normal, shaped)
DCPS: Max= 1.2632352, Min= -1.3801252
8.8
time

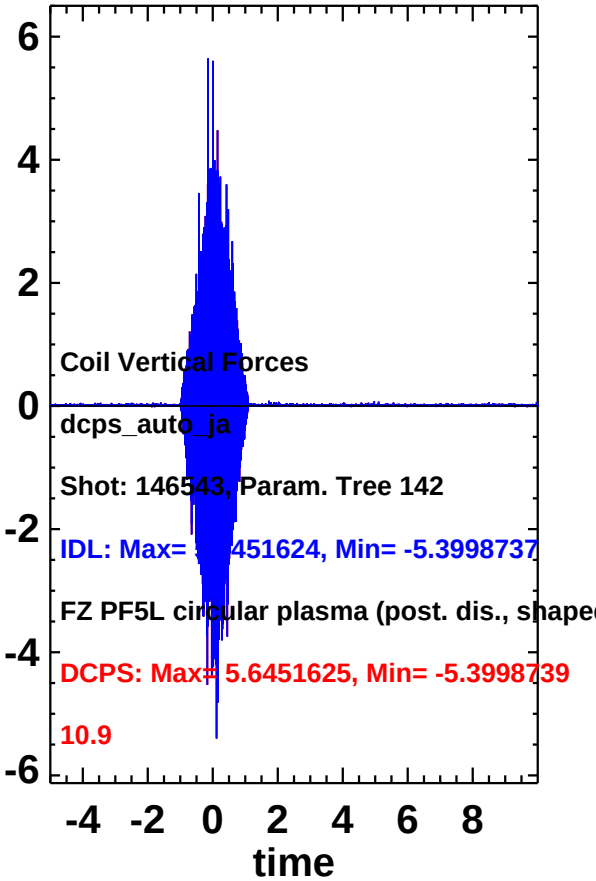

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 1.5217370, Min= -1.6773776
FZ PF5U circular plasma (post. dis., circ.)
DCPS: Max= 1.5217369, Min= -1.6773772
9.8
time

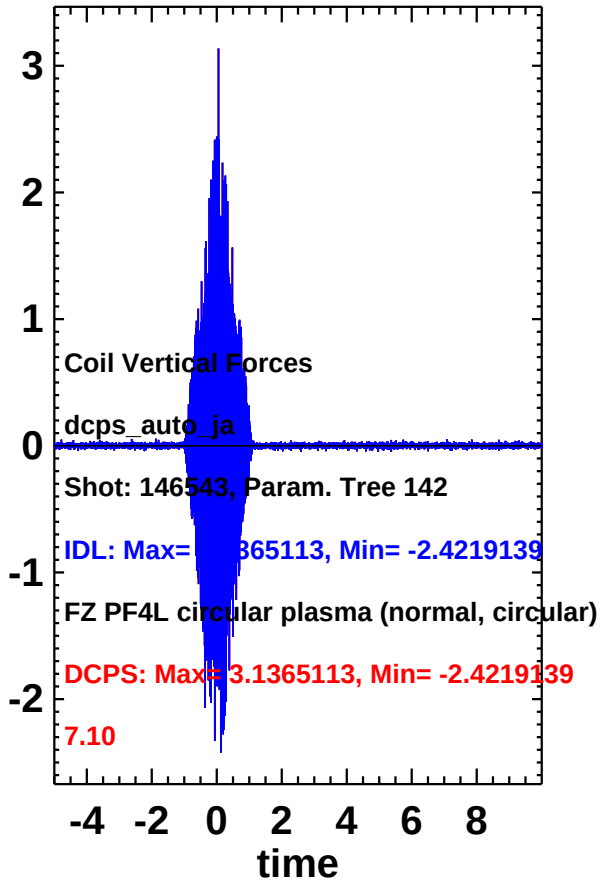

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 1.4812794, Min= -1.6093150
FZ PF5U circular plasma (post. dis., shaped.)
DCPS: Max= 1.4812793, Min= -1.6093150
10.8
time

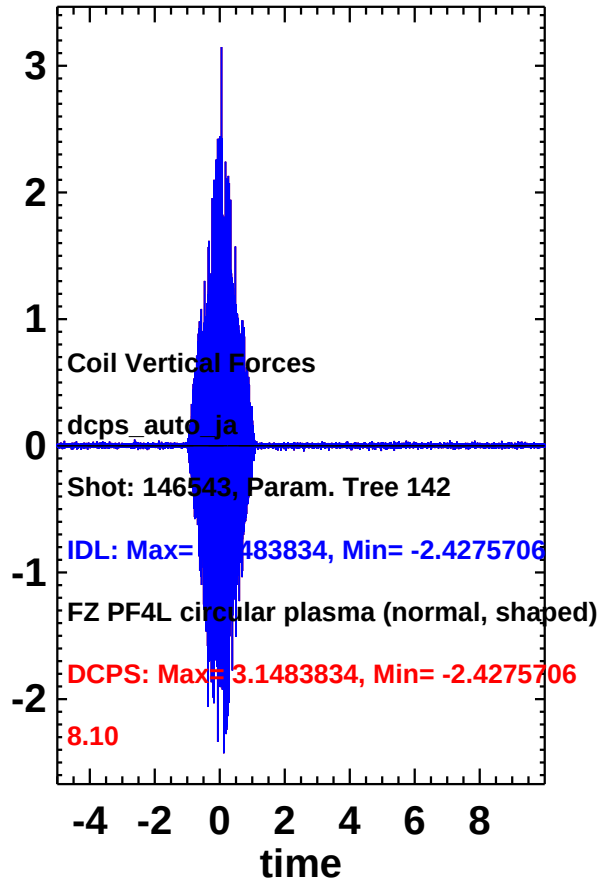

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 4.8101953, Min= -4.6087929
FZ PF5L circular plasma (normal, circular)
DCPS: Max= 4.8101954, Min= -4.6087929
7.9
time

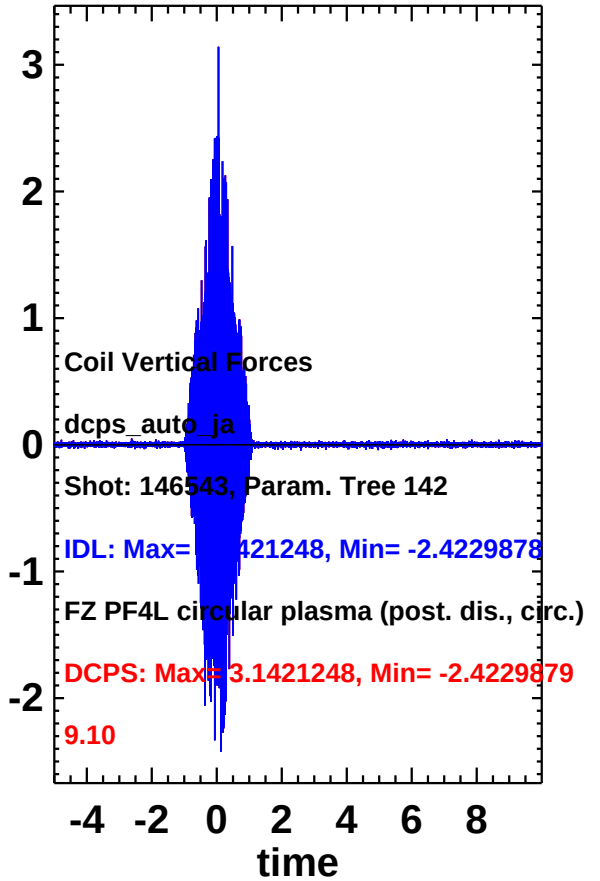

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 4.8049621, Min= -4.6305272
FZ PF5L circular plasma (normal, shaped)
DCPS: Max= 4.8049622, Min= -4.6305272
8.9
time

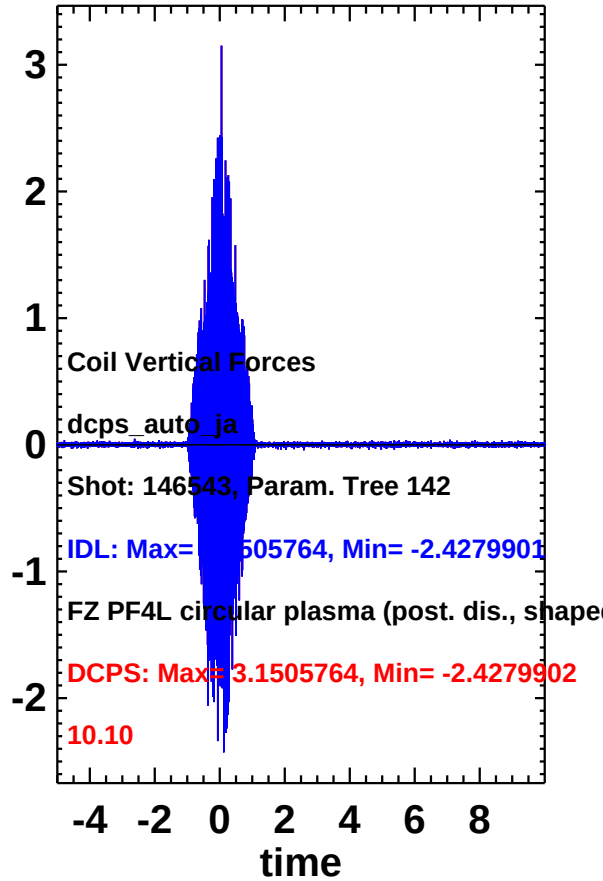

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 5.9101640, Min= -5.5686604
FZ PF5L circular plasma (post. dis., circ.)
DCPS: Max= 5.9101635, Min= -5.5686603
9.9
time

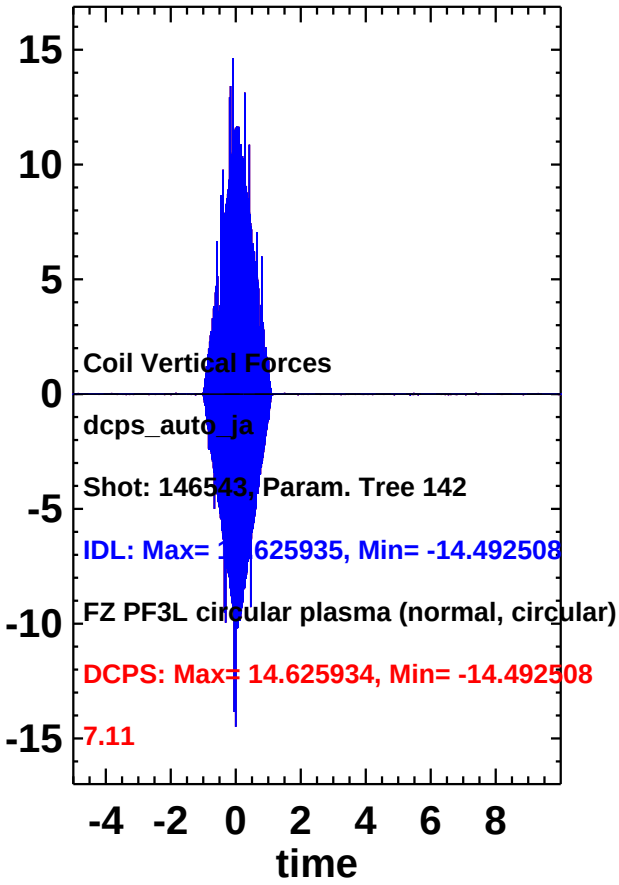

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 5.6451624, Min= -5.3998737
FZ PF5L circular plasma (post. dis., shaped.)
DCPS: Max= 5.6451625, Min= -5.3998739
10.9
time

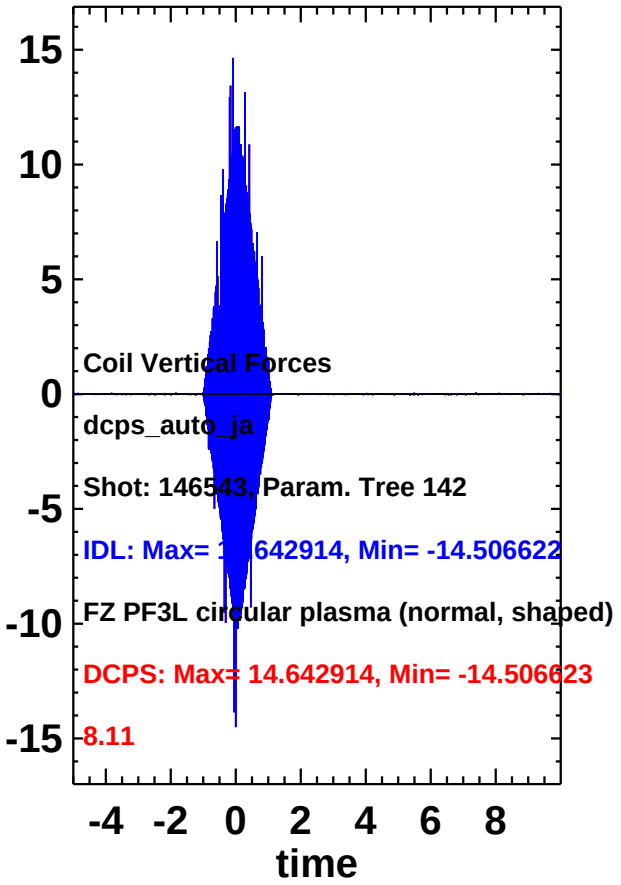

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 365113, Min= -2.4219139
FZ PF4L circular plasma (normal, circular)
DCPS: Max= 3.1365113, Min= -2.4219139
7.10
time

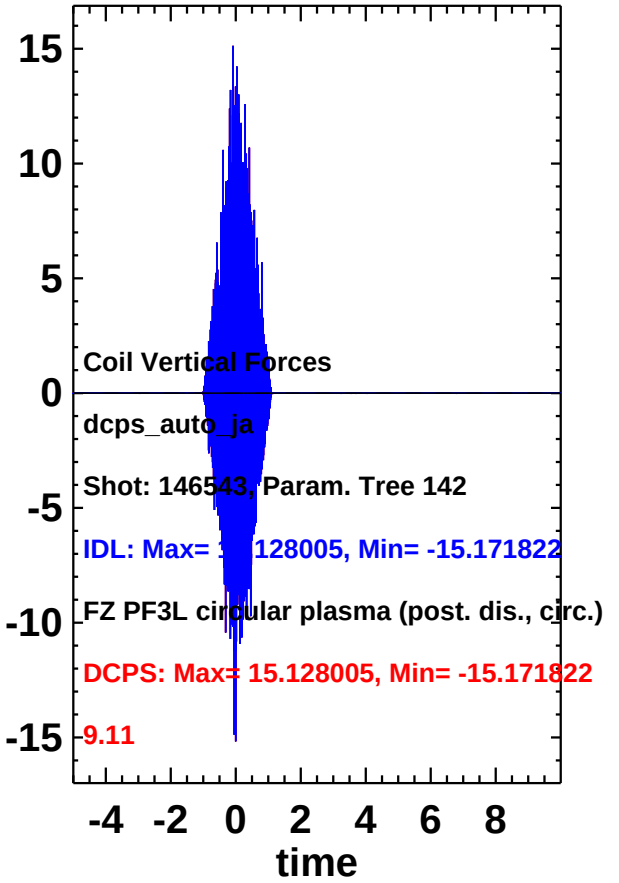

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 483834, Min= -2.4275706
FZ PF4L circular plasma (normal, shaped)
DCPS: Max= 3.1483834, Min= -2.4275706
8.10
time

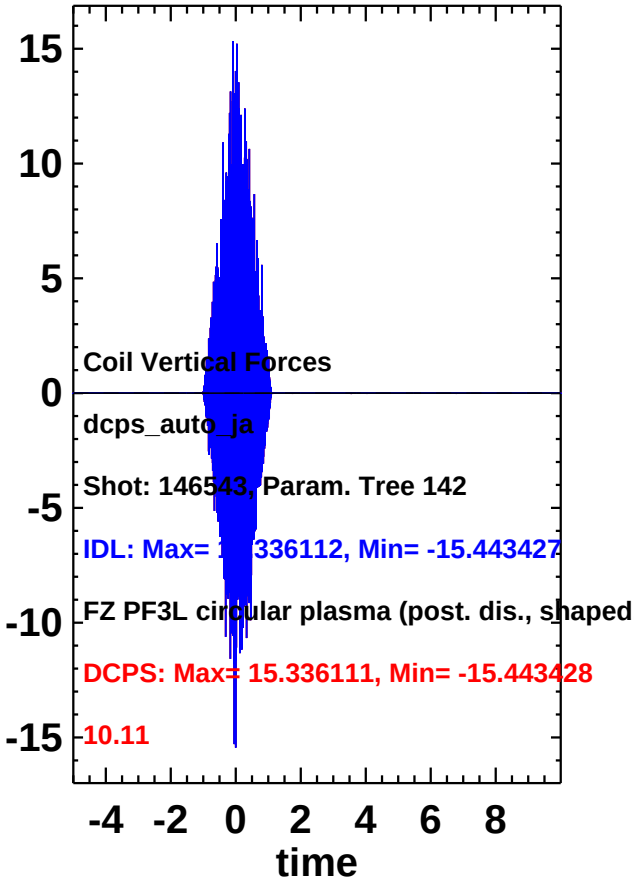

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 421248, Min= -2.4229878
FZ PF4L circular plasma (post. dis., circ.)
DCPS: Max= 3.1421248, Min= -2.4229879
9.10
time

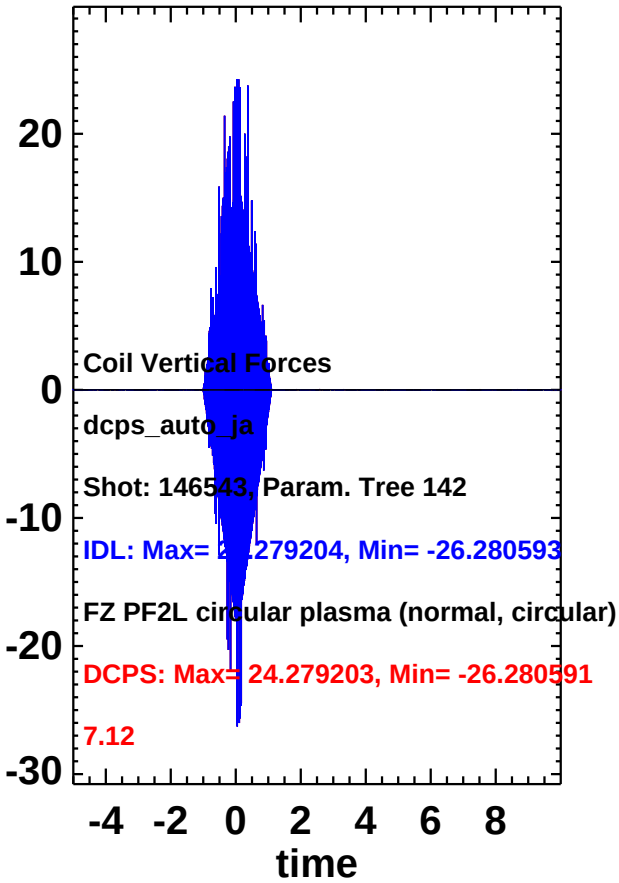

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 505764, Min= -2.4279901
FZ PF4L circular plasma (post. dis., shaped.)
DCPS: Max= 3.1505764, Min= -2.4279902
10.10
time

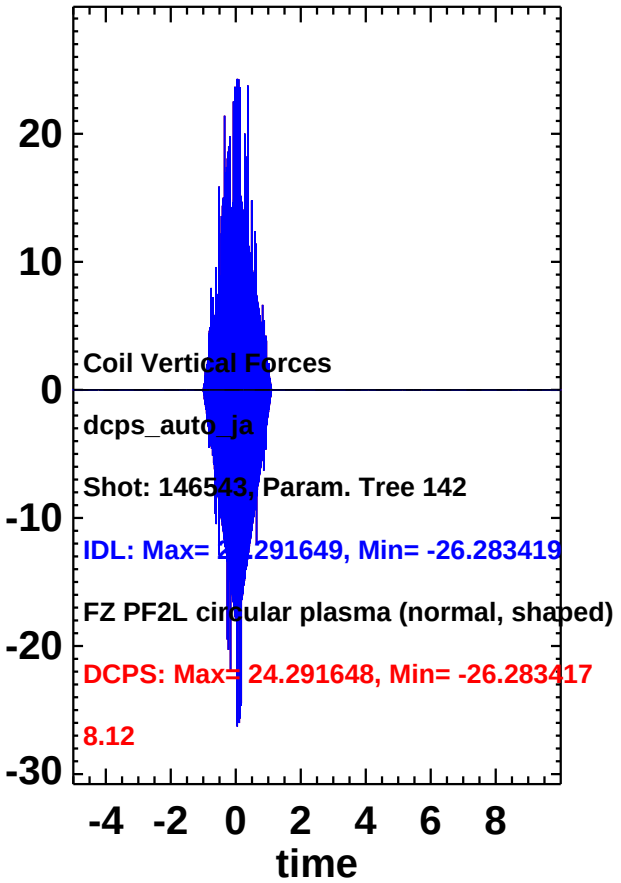

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 14.625935, Min= -14.492508
FZ PF3L circular plasma (normal, circular)
DCPS: Max= 14.625934, Min= -14.492508
7.11
time

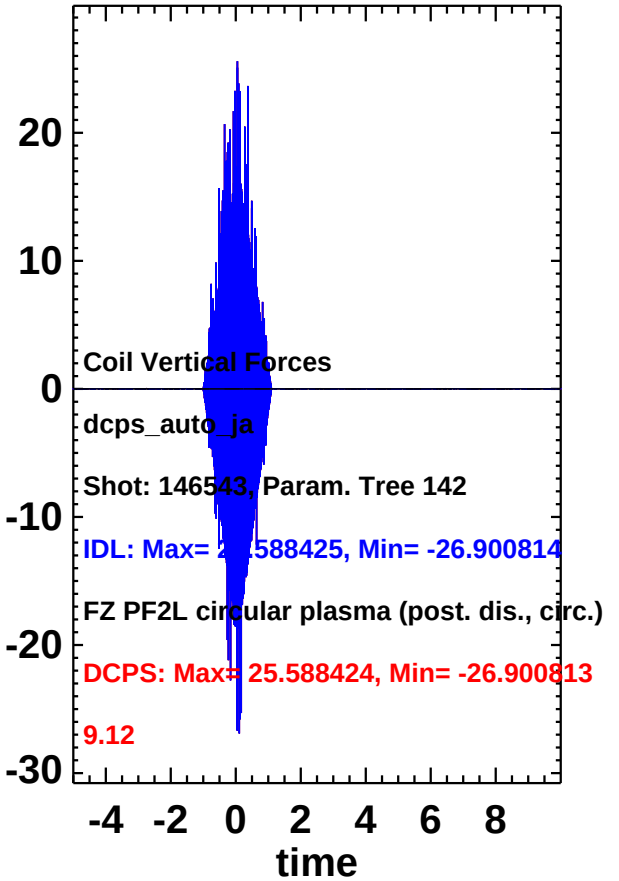

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 14.642914, Min= -14.506622
FZ PF3L circular plasma (normal, shaped)
DCPS: Max= 14.642914, Min= -14.506623
8.11
time

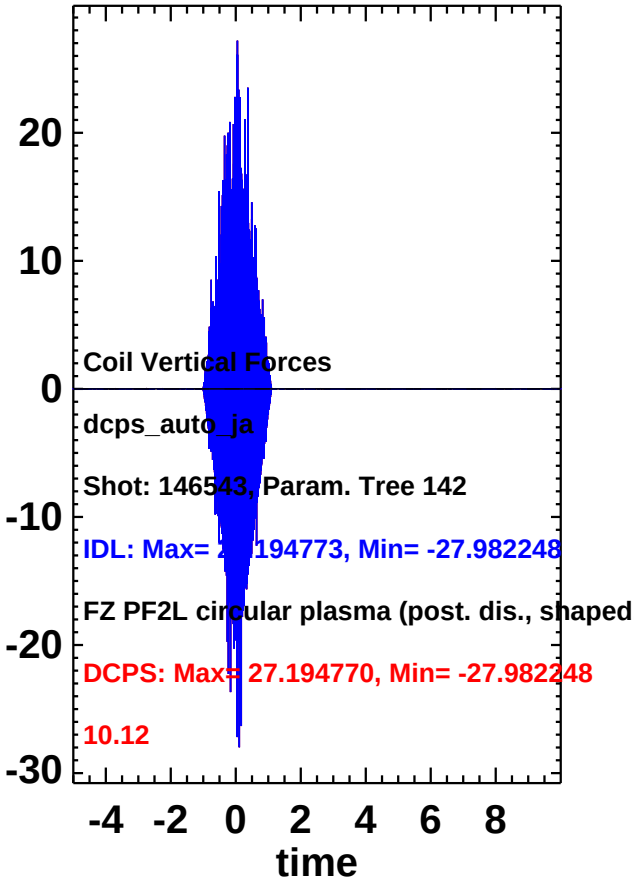

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 15.128005, Min= -15.171822
FZ PF3L circular plasma (post. dis., circ.)
DCPS: Max= 15.128005, Min= -15.171822
9.11
time

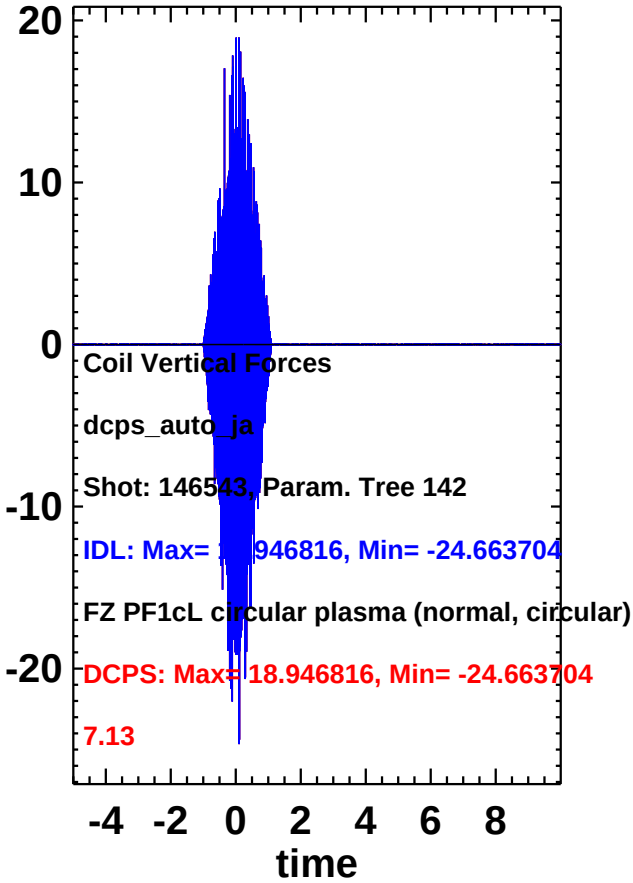

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 15.336112, Min= -15.443427
FZ PF3L circular plasma (post. dis., shaped.)
DCPS: Max= 15.336111, Min= -15.443428
10.11
time

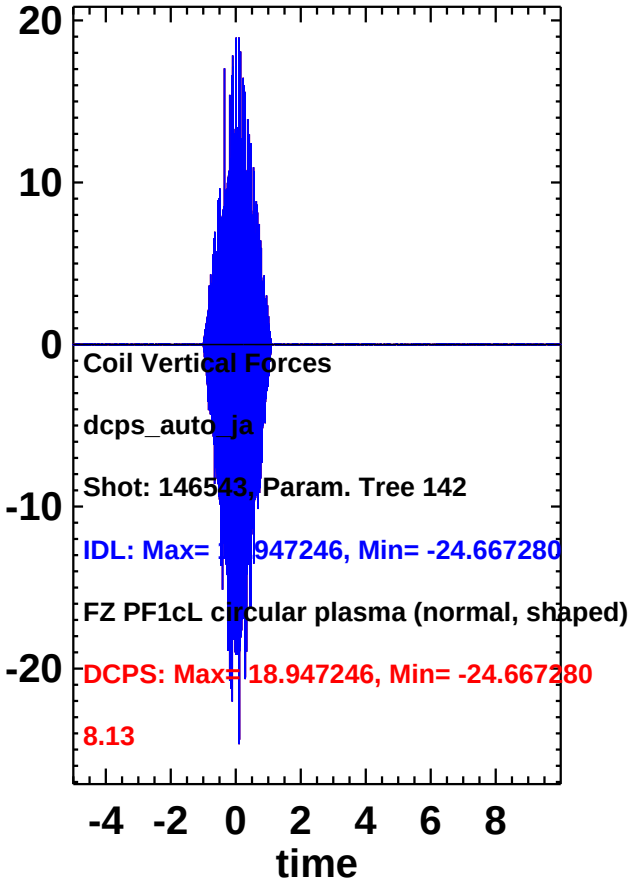

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 24.279204, Min= -26.280593
FZ PF2L circular plasma (normal, circular)
DCPS: Max= 24.279203, Min= -26.280591
7.12
time

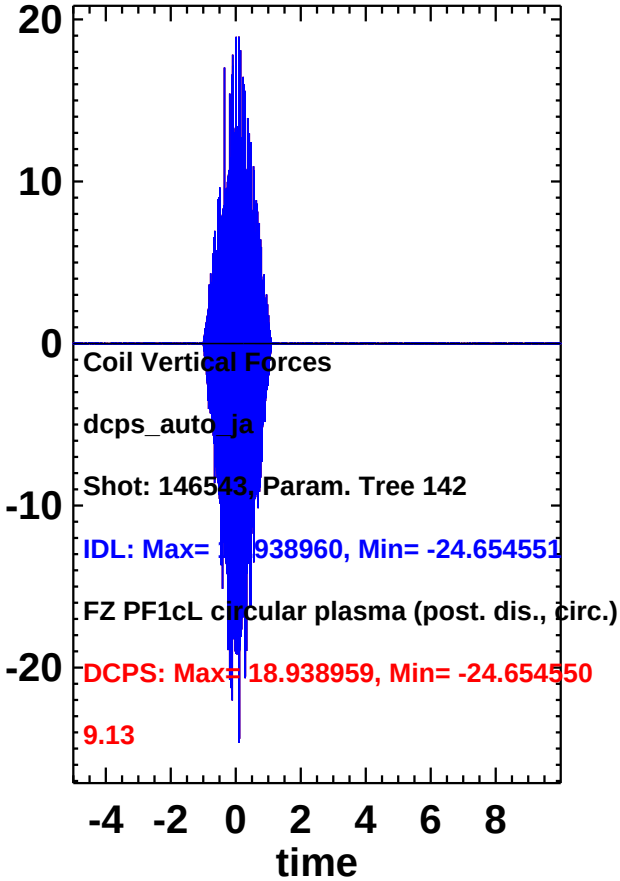

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 24.291649, Min= -26.283419
FZ PF2L circular plasma (normal, shaped)
DCPS: Max= 24.291648, Min= -26.283417
8.12
time

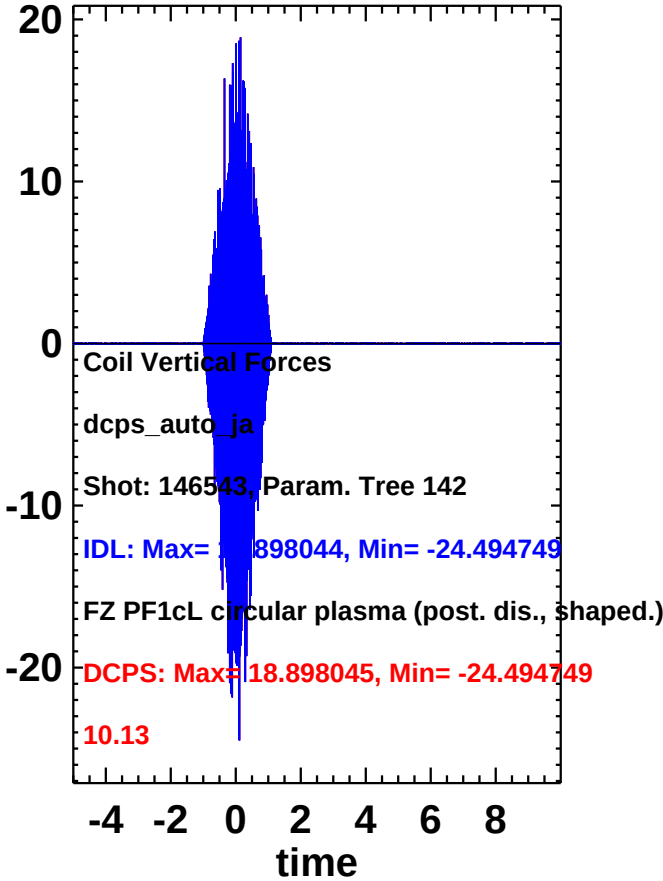

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 25.588425, Min= -26.900814
FZ PF2L circular plasma (post. dis., circ.)
DCPS: Max= 25.588424, Min= -26.900813
9.12
time

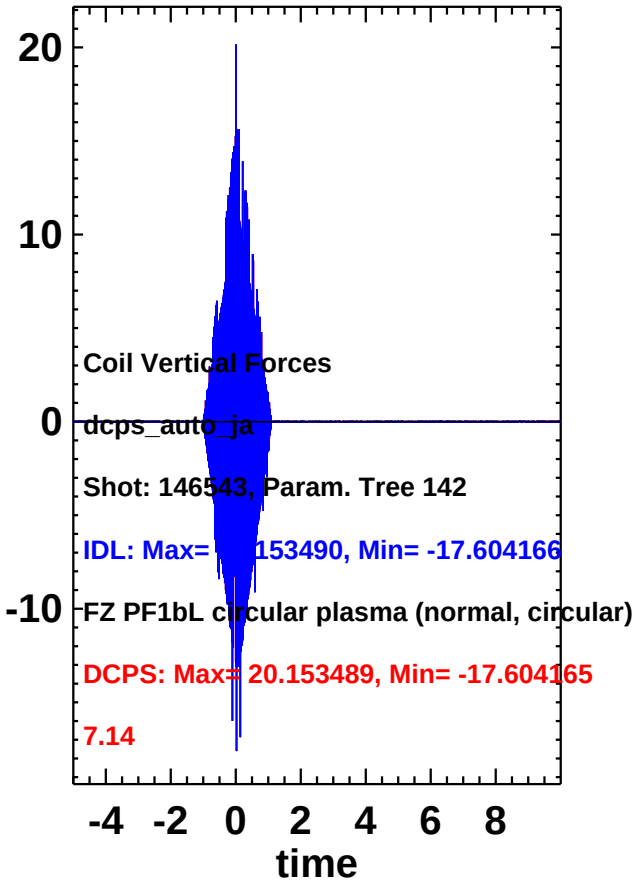

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 27.194773, Min= -27.982248
FZ PF2L circular plasma (post. dis., shaped.)
DCPS: Max= 27.194770, Min= -27.982248
10.12
time

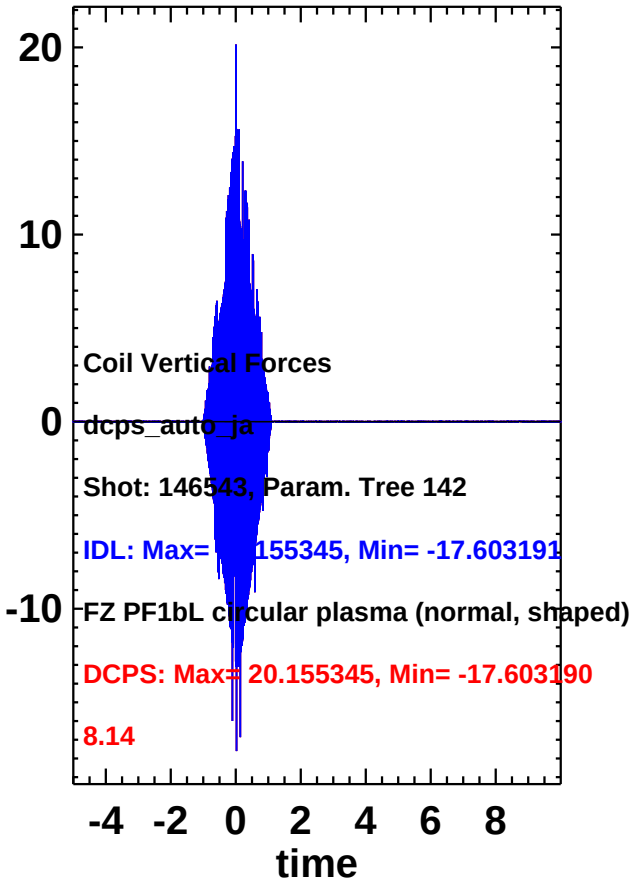

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 18.946816, Min= -24.663704
FZ PF1cL circular plasma (normal, circular)
DCPS: Max= 18.946816, Min= -24.663704
7.13
time

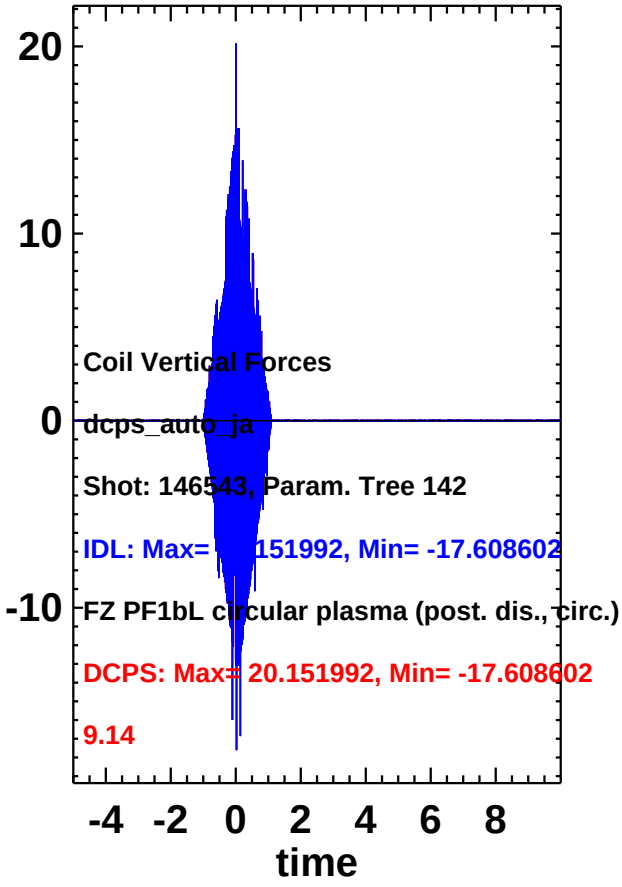

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 18.947246, Min= -24.667280
FZ PF1cL circular plasma (normal, shaped)
DCPS: Max= 18.947246, Min= -24.667280
8.13
time

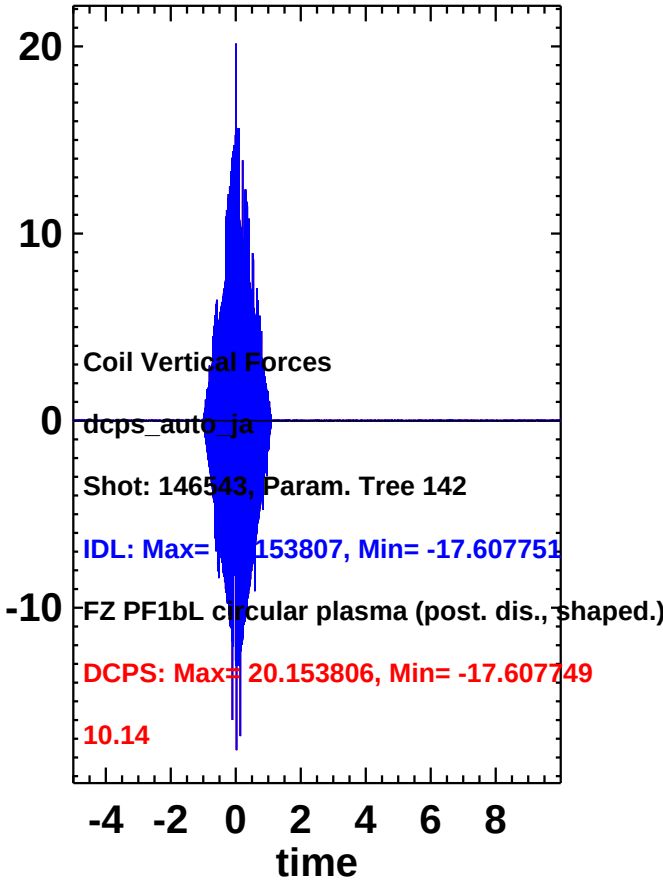

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 18.938960, Min= -24.654551
FZ PF1cL circular plasma (post. dis., circ.)
DCPS: Max= 18.938959, Min= -24.654550
9.13
time

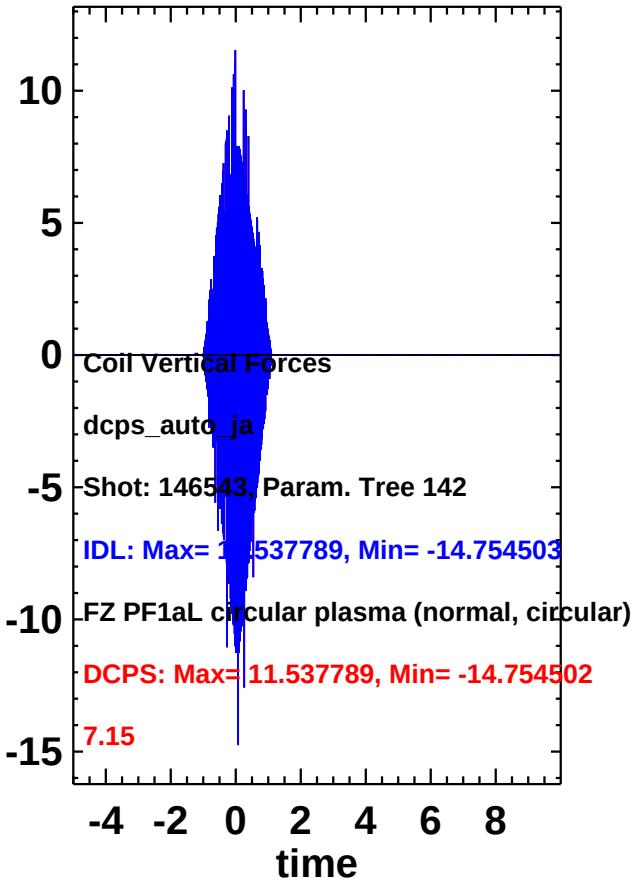

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 18.898044, Min= -24.494749
FZ PF1cL circular plasma (post. dis., shaped.)
DCPS: Max= 18.898045, Min= -24.494749
10.13
time

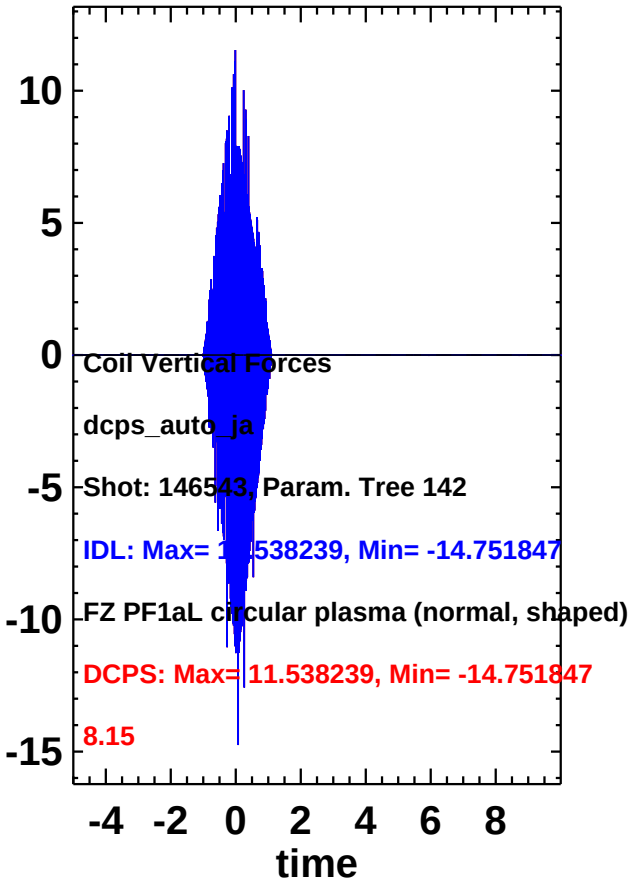

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 153490, Min= -17.604166
FZ PF1bL circular plasma (normal, circular)
DCPS: Max= 20.153489, Min= -17.604165
7.14
time

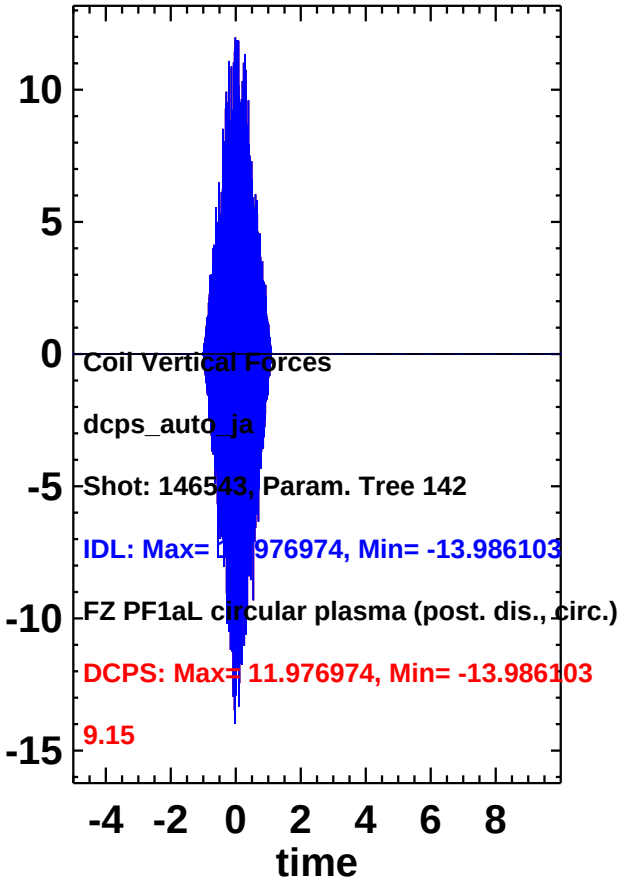

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 155345, Min= -17.603191
FZ PF1bL circular plasma (normal, shaped)
DCPS: Max= 20.155345, Min= -17.603190
8.14
time

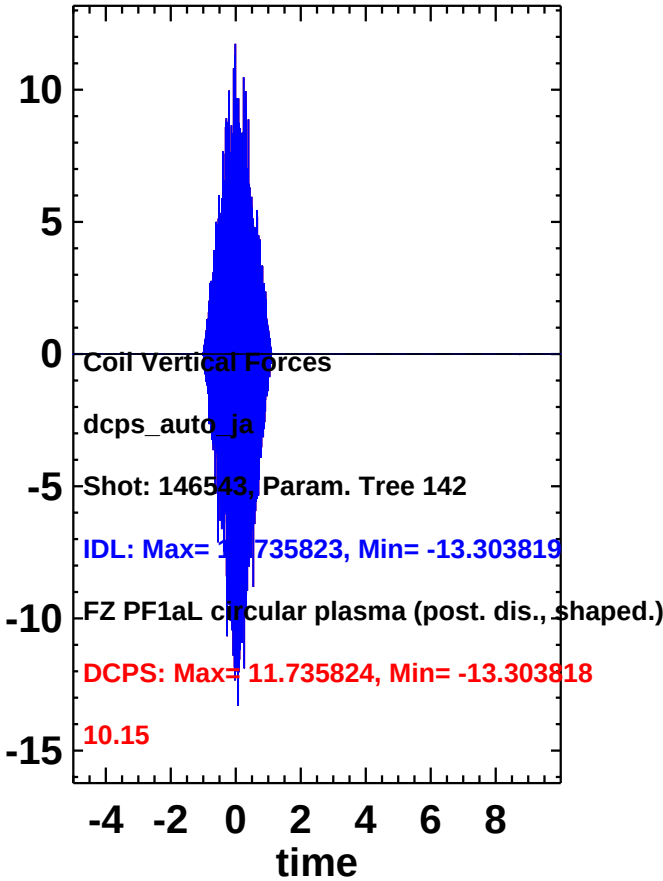

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 151992, Min= -17.608602
FZ PF1bL circular plasma (post. dis., circ.)
DCPS: Max= 20.151992, Min= -17.608602
9.14
time

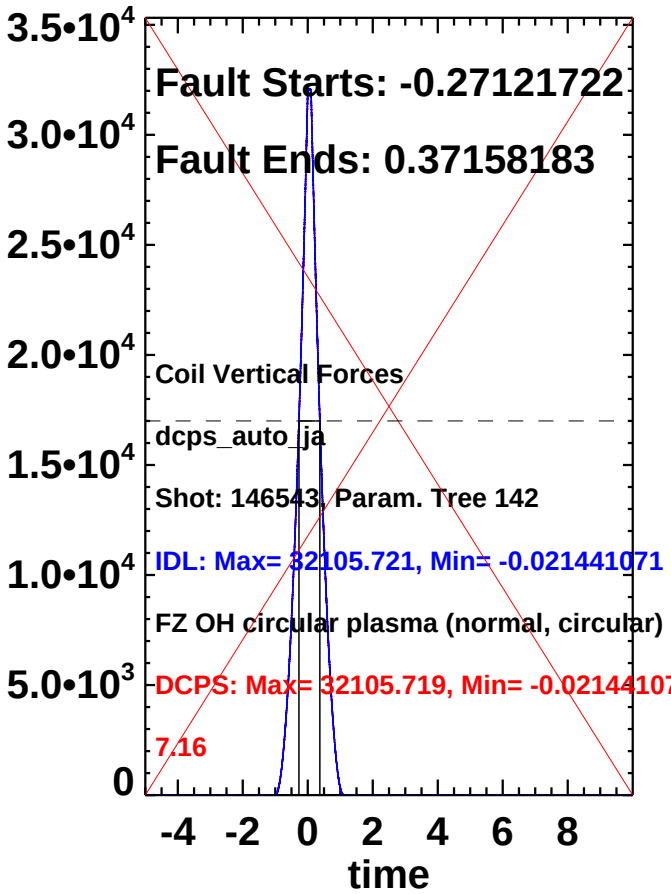

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 153807, Min= -17.607751
FZ PF1bL circular plasma (post. dis., shaped.)
DCPS: Max= 20.153806, Min= -17.607749
10.14
time

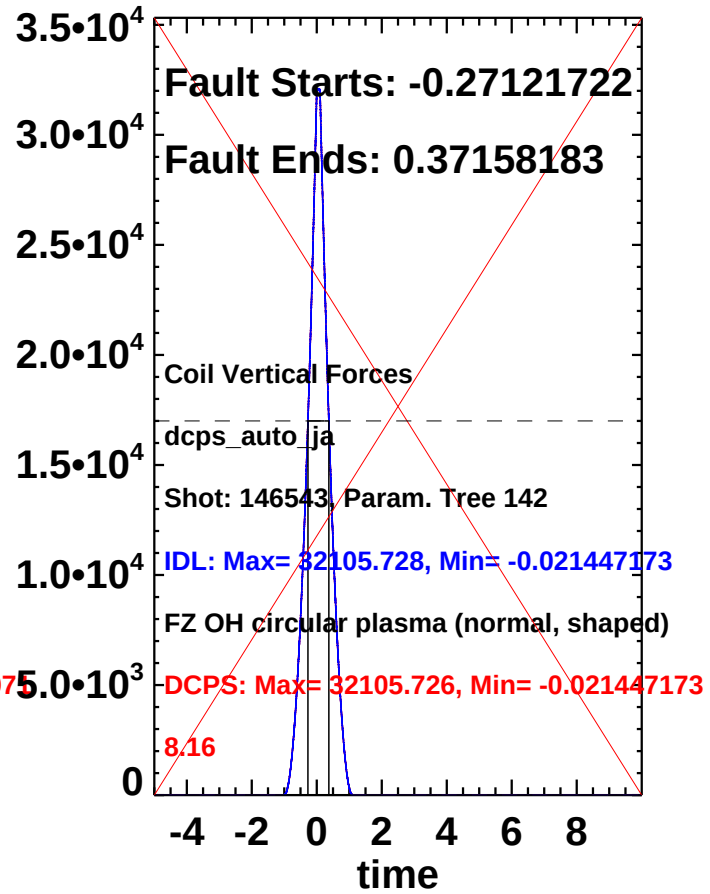

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 11.537789, Min= -14.754503
FZ PF1aL circular plasma (normal, circular)
DCPS: Max= 11.537789, Min= -14.754502
7.15
time

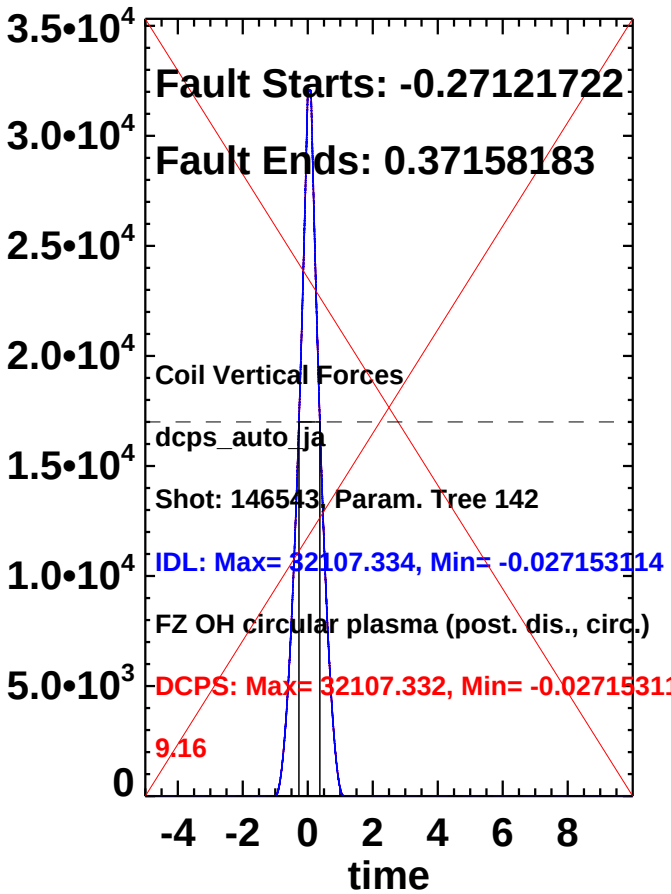

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 11.538239, Min= -14.751847
FZ PF1aL circular plasma (normal, shaped)
DCPS: Max= 11.538239, Min= -14.751847
8.15
time

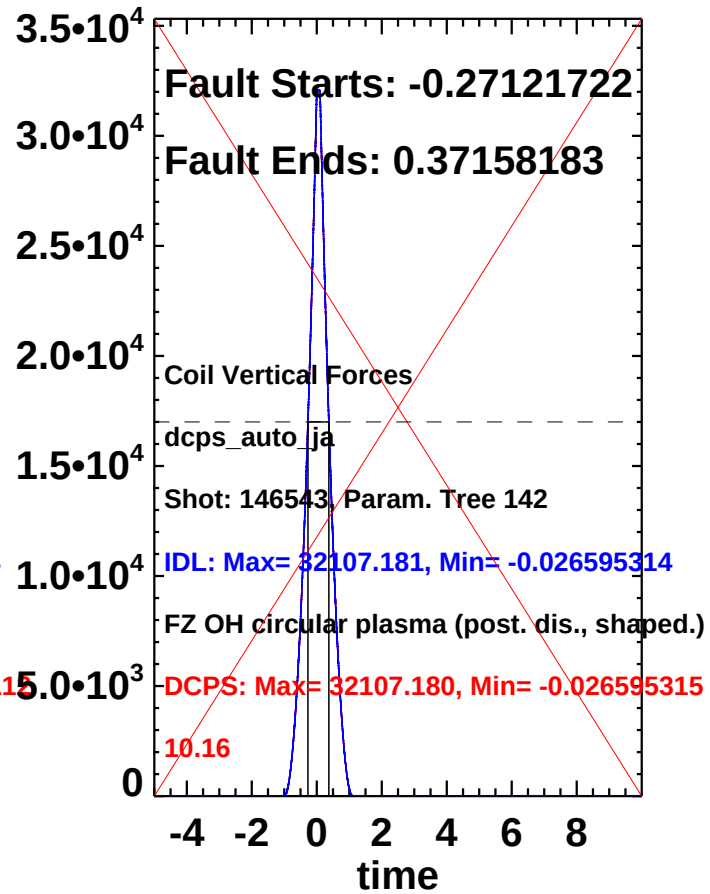

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 11.976974, Min= -13.986103
FZ PF1aL circular plasma (post. dis., circ.)
DCPS: Max= 11.976974, Min= -13.986103
9.15
time

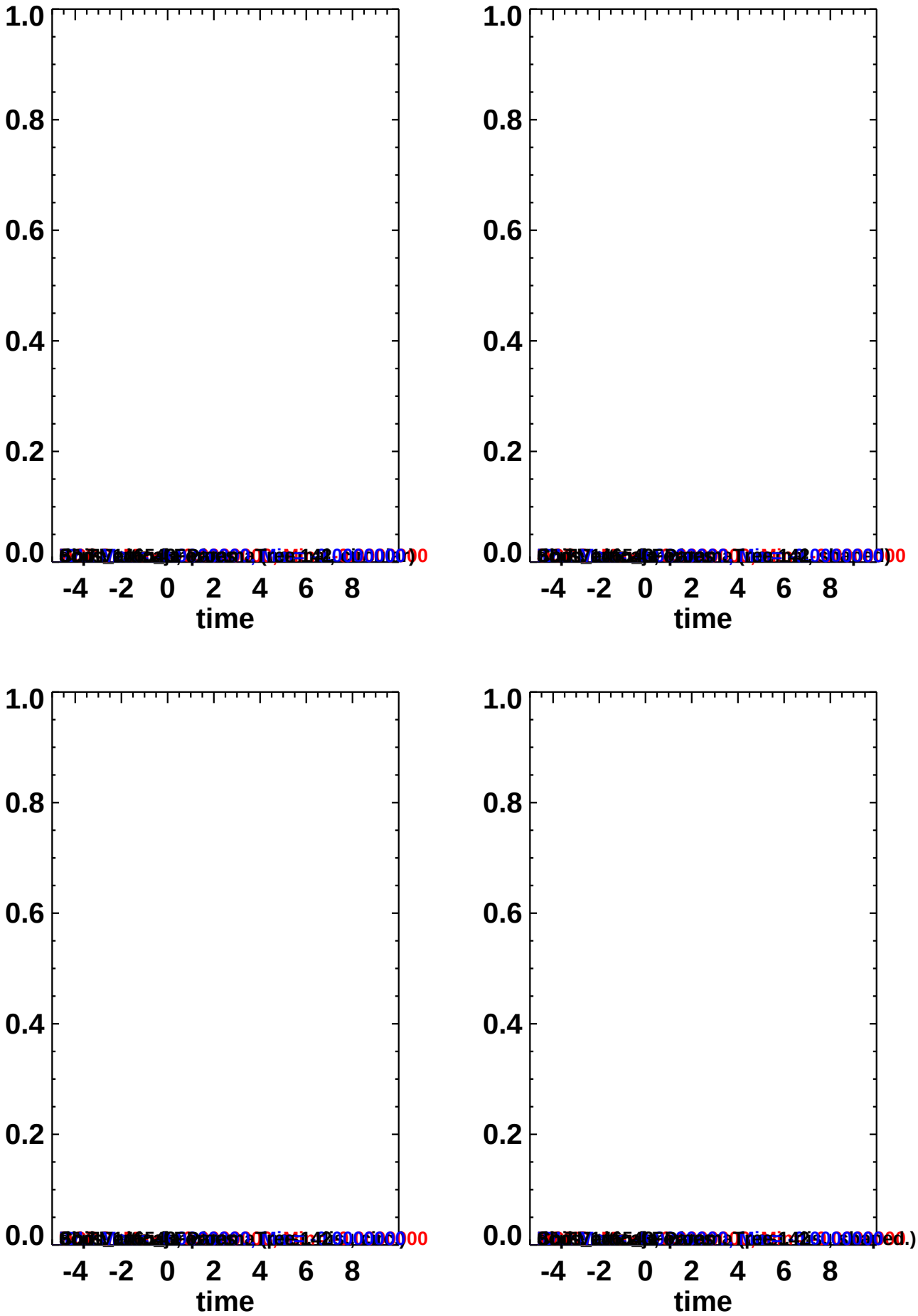

Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 11.735823, Min= -13.303819
FZ PF1aL circular plasma (post. dis., shaped.)
DCPS: Max= 11.735824, Min= -13.303818
10.15
time


Fault Starts: -0.27121722
Fault Ends: 0.37158183
Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 32105.721, Min= -0.021441071
FZ OH circular plasma (normal, circular)
DCPS: Max= 32105.719, Min= -0.021441075
7.16
time


Fault Starts: -0.27121722
Fault Ends: 0.37158183
Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 32105.728, Min= -0.021447173
FZ OH circular plasma (normal, shaped)
DCPS: Max= 32105.726, Min= -0.021447173
8.16
time


Fault Starts: -0.27121722
Fault Ends: 0.37158183
Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 32107.334, Min= -0.027153114
FZ OH circular plasma (post. dis., circ.)
DCPS: Max= 32107.332, Min= -0.027153115
9.16
time


Fault Starts: -0.27121722
Fault Ends: 0.37158183
Coil Vertical Forces
dcps_auto_ja
Shot: 146543, Param. Tree 142
IDL: Max= 32107.181, Min= -0.026595314
FZ OH circular plasma (post. dis., shaped.)
DCPS: Max= 32107.180, Min= -0.026595315
10.16
time


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