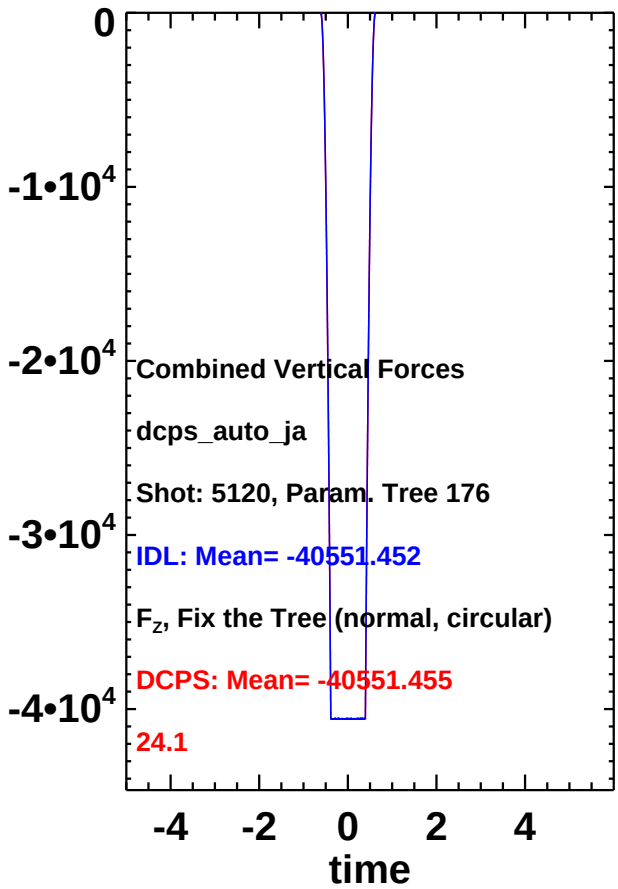
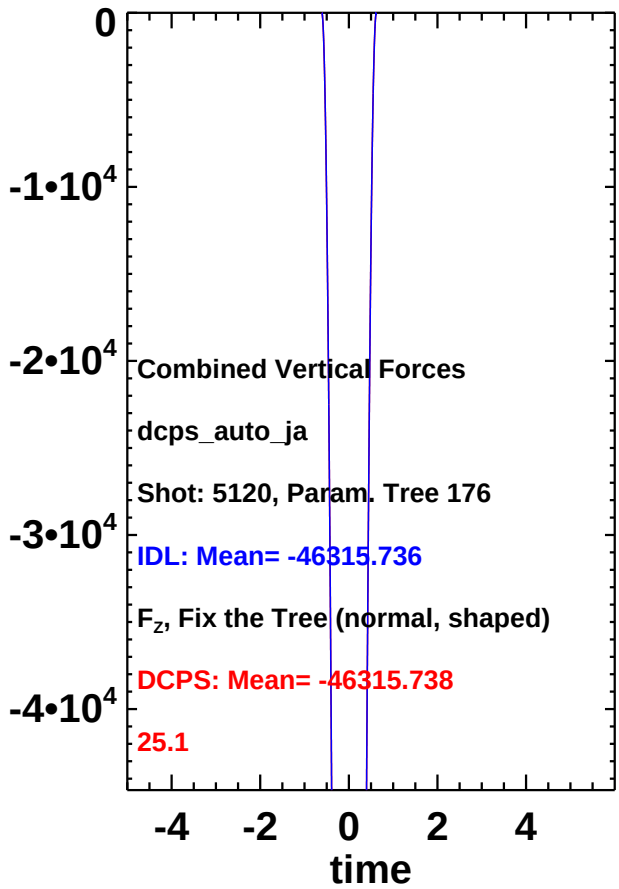
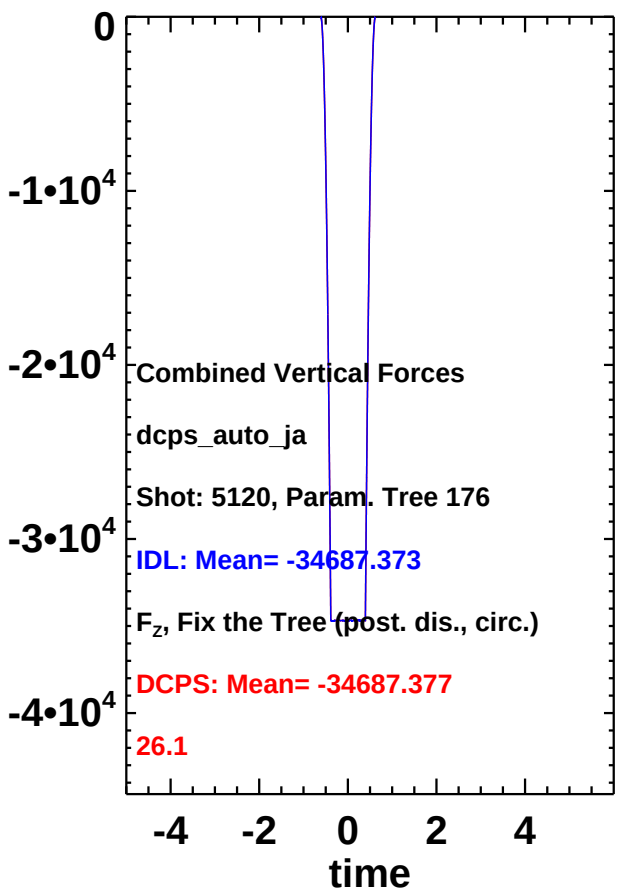
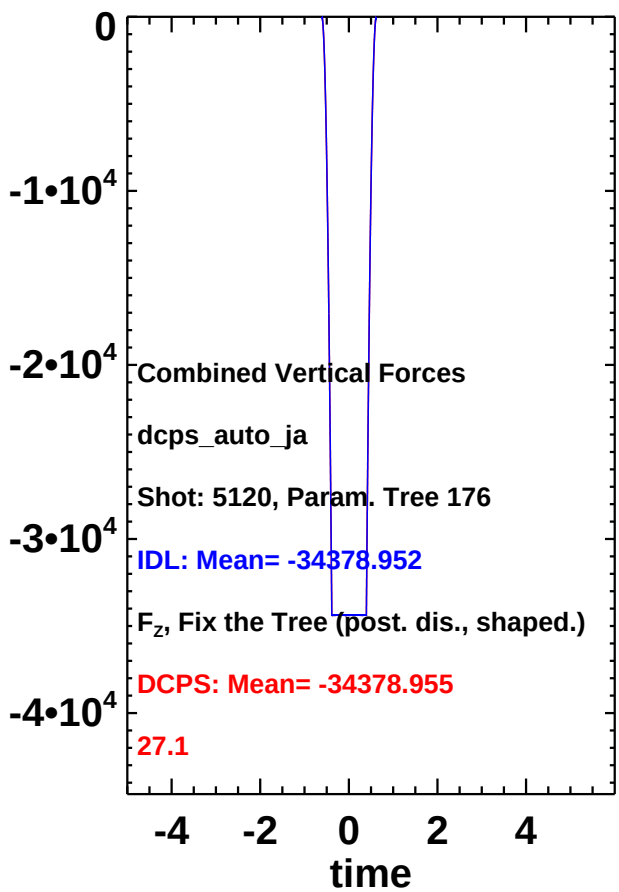
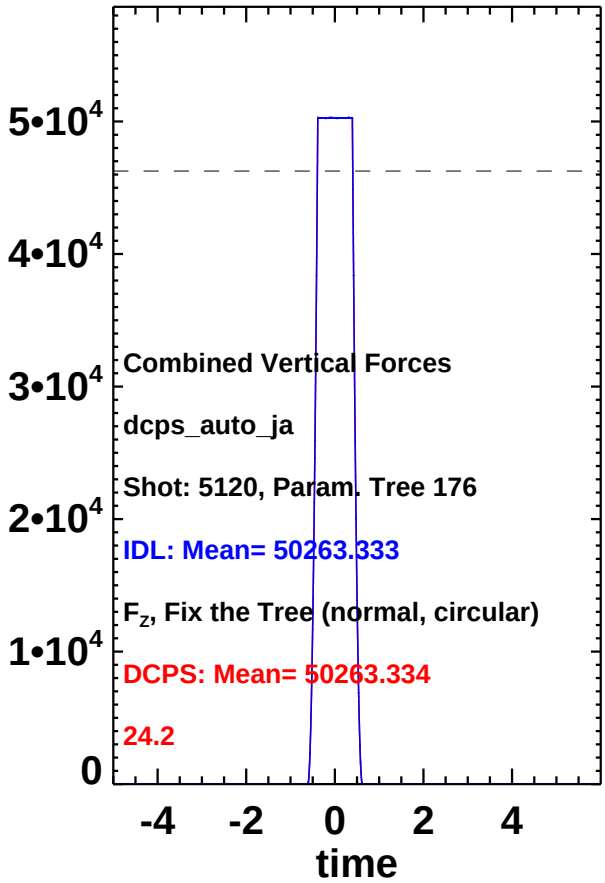
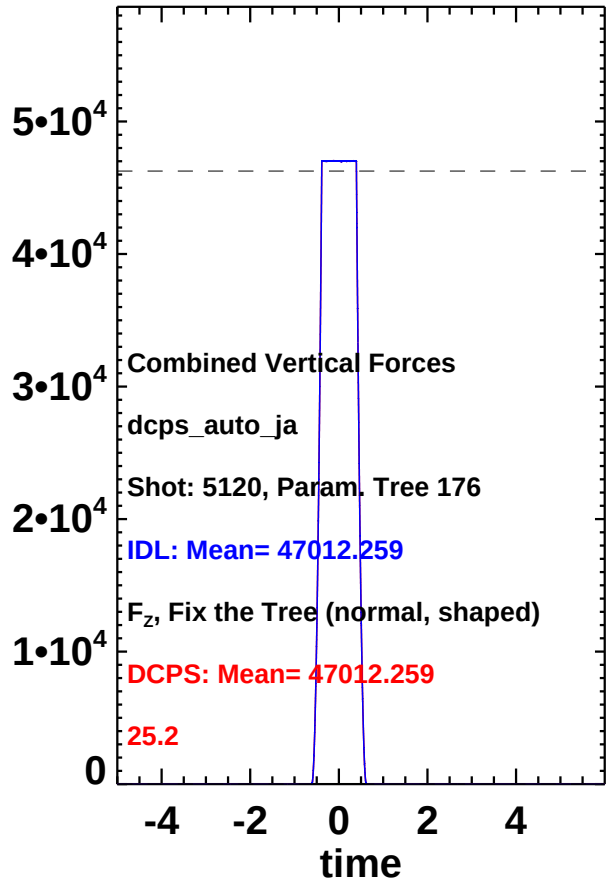

0
-1•10^4
-2•10^4
-3•10^4
-4•10^4
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -40551.452
F_Z, Fix the Tree (normal, circular)
DCPS: Mean= -40551.455
24.1
-4 -2 0 2 4
time

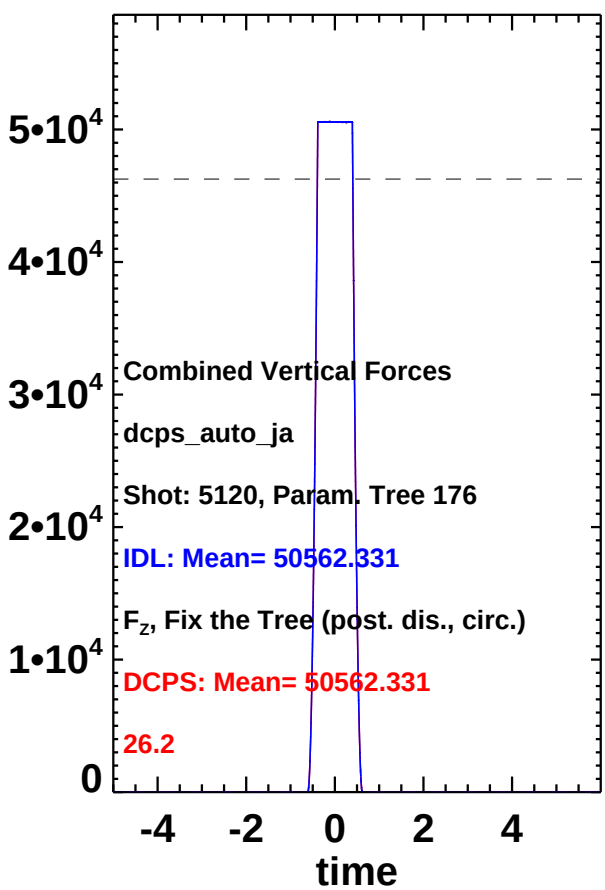

0
-1•10^4
-2•10^4
-3•10^4
-4•10^4
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -46315.736
F_Z, Fix the Tree (normal, shaped)
DCPS: Mean= -46315.738
25.1
-4 -2 0 2 4
time

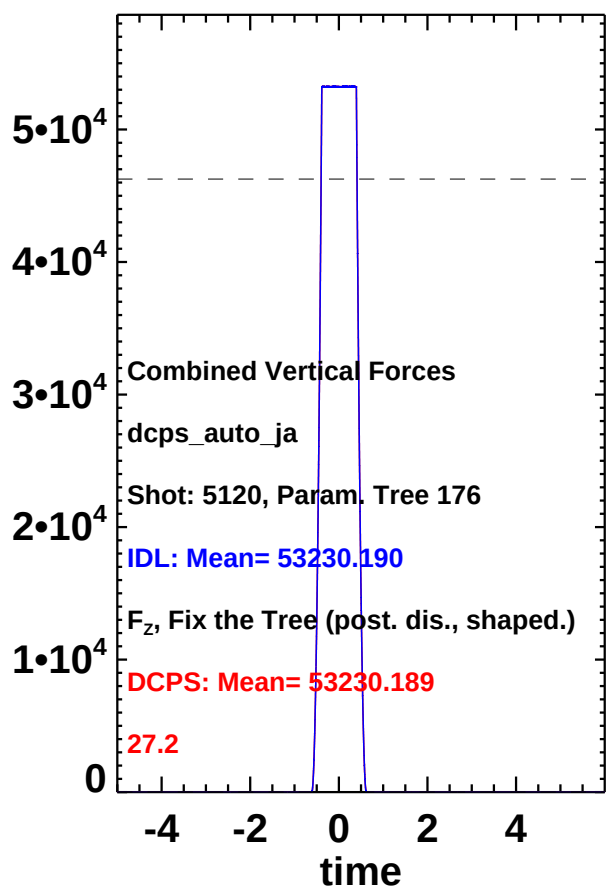

0
-1•10^4
-2•10^4
-3•10^4
-4•10^4
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -34687.373
F_Z, Fix the Tree (post. dis., circ.)
DCPS: Mean= -34687.377
26.1
-4 -2 0 2 4
time

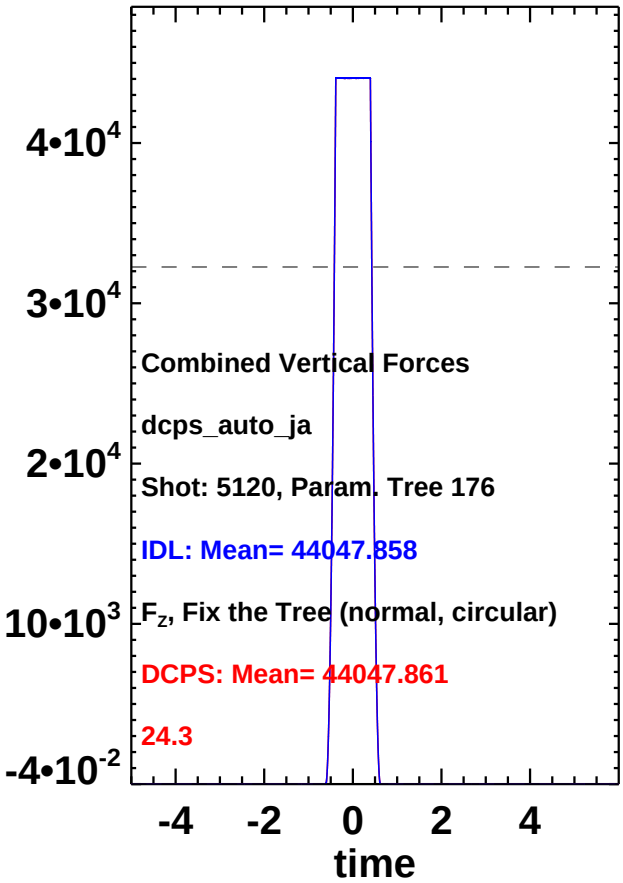

0
-1•10^4
-2•10^4
-3•10^4
-4•10^4
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -34378.952
F_Z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= -34378.955
27.1
-4 -2 0 2 4
time

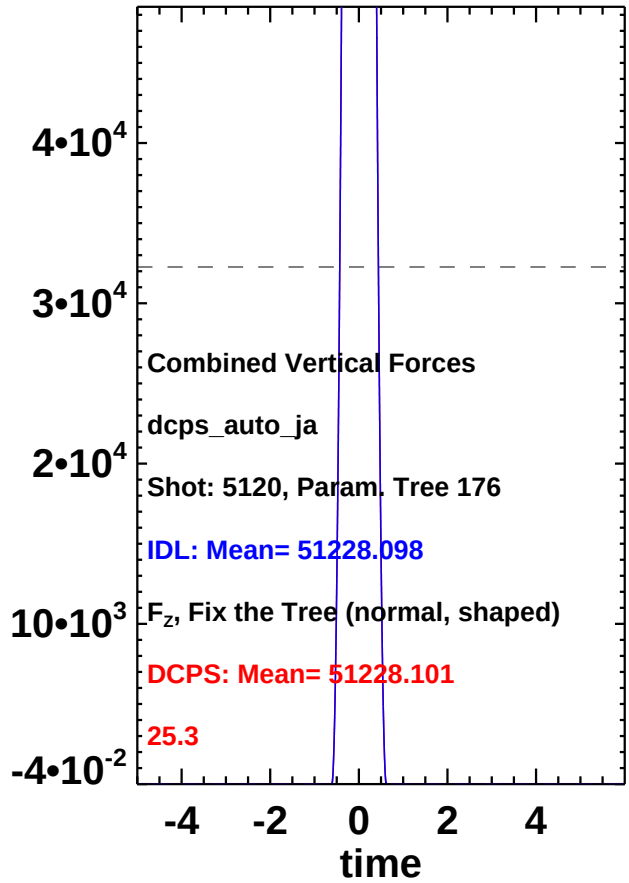

Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 50263.333
F_z, Fix the Tree (normal, circular)
DCPS: Mean= 50263.334
24.2
5•10^4
4•10^4
3•10^4
2•10^4
1•10^4
0
-4
-2
0
2
4
time

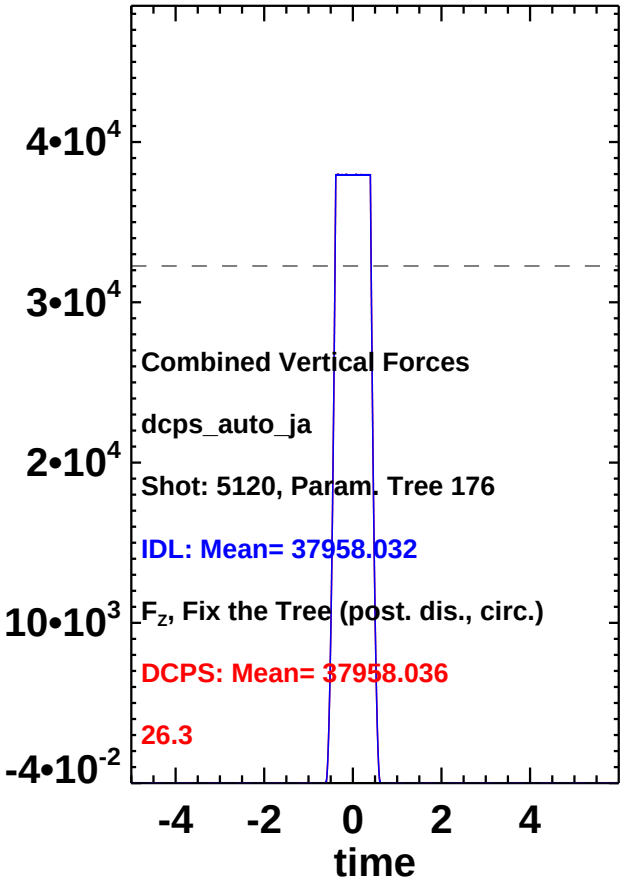

Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 47012.259
F_z, Fix the Tree (normal, shaped)
DCPS: Mean= 47012.259
25.2
5•10^4
4•10^4
3•10^4
2•10^4
1•10^4
0
-4
-2
0
2
4
time

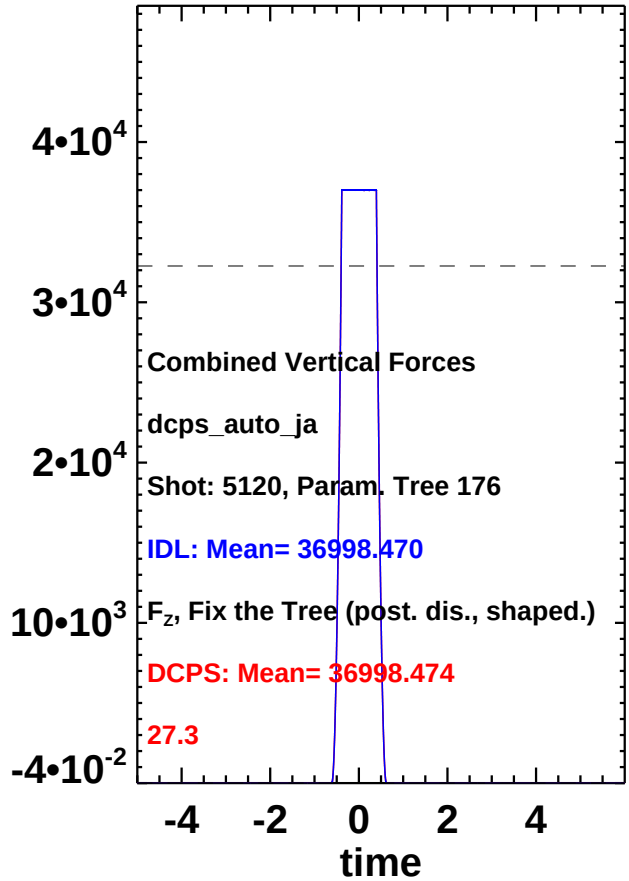

Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 50562.331
F_z, Fix the Tree (post. dis., circ.)
DCPS: Mean= 50562.331
26.2
5•10^4
4•10^4
3•10^4
2•10^4
1•10^4
0
-4
-2
0
2
4
time

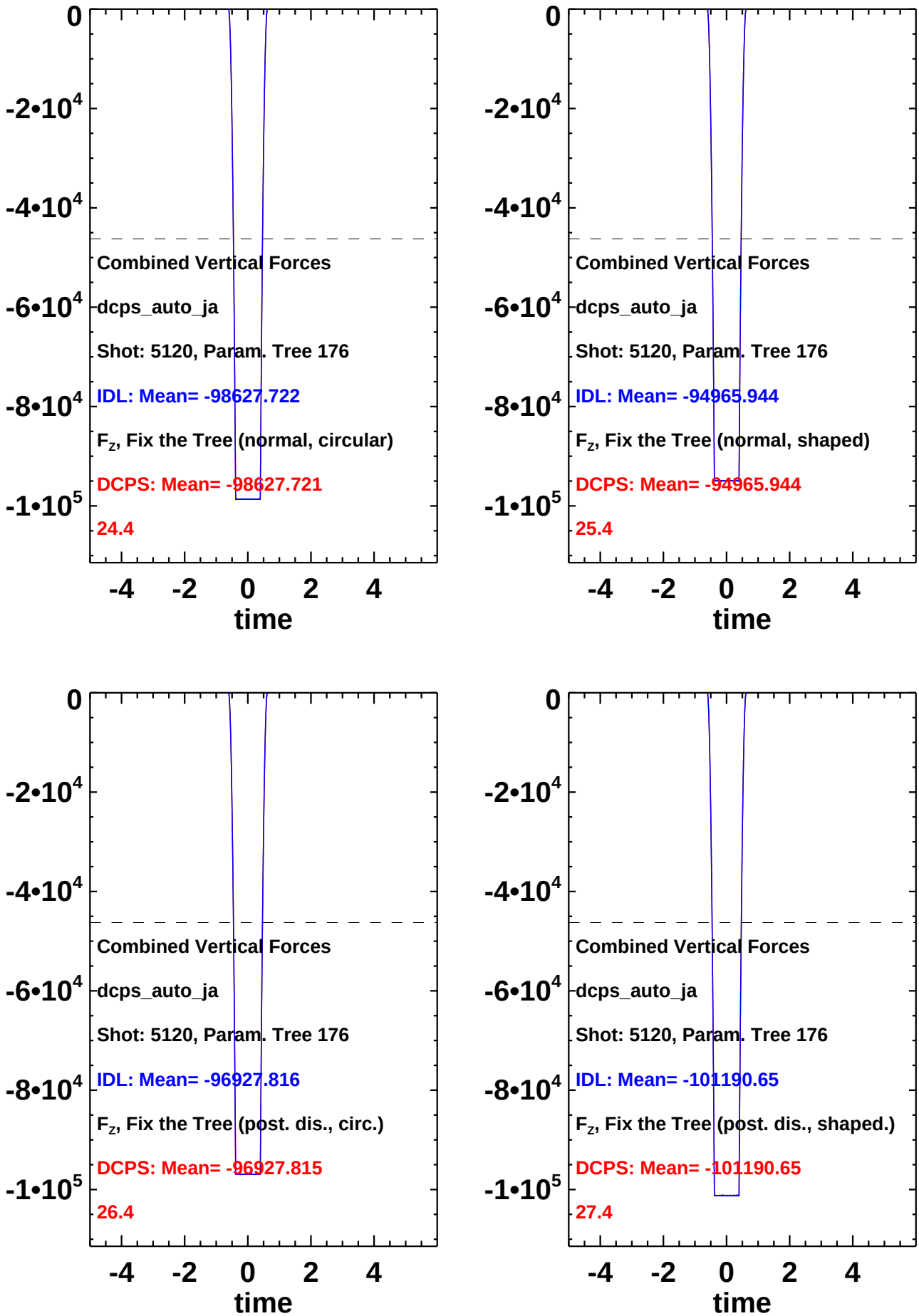

Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 53230.190
F_z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= 53230.189
27.2
5•10^4
4•10^4
3•10^4
2•10^4
1•10^4
0
-4
-2
0
2
4
time

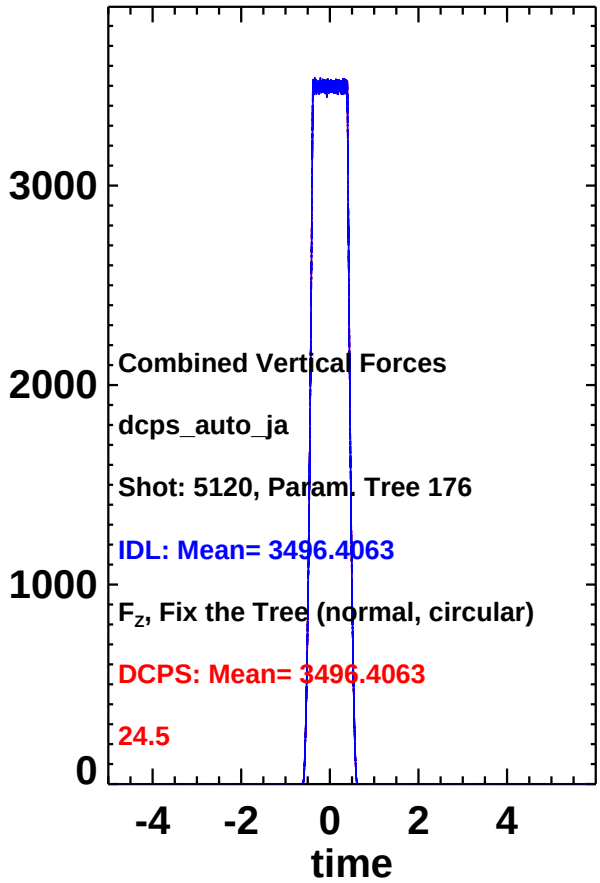

Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 44047.858
F_z, Fix the Tree (normal, circular)
DCPS: Mean= 44047.861
24.3
$4\cdot10^4$
$3\cdot10^4$
$2\cdot10^4$
$10\cdot10^3$
$-4\cdot10^{-2}$
-4 -2 0 2 4
time

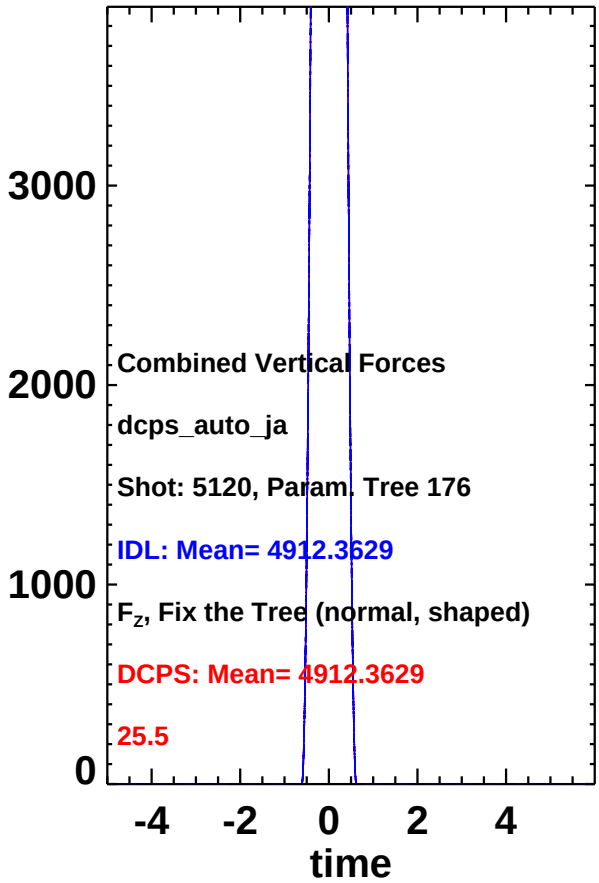

Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 51228.098
F_z, Fix the Tree (normal, shaped)
DCPS: Mean= 51228.101
25.3
$4\cdot10^4$
$3\cdot10^4$
$2\cdot10^4$
$10\cdot10^3$
$-4\cdot10^{-2}$
-4 -2 0 2 4
time

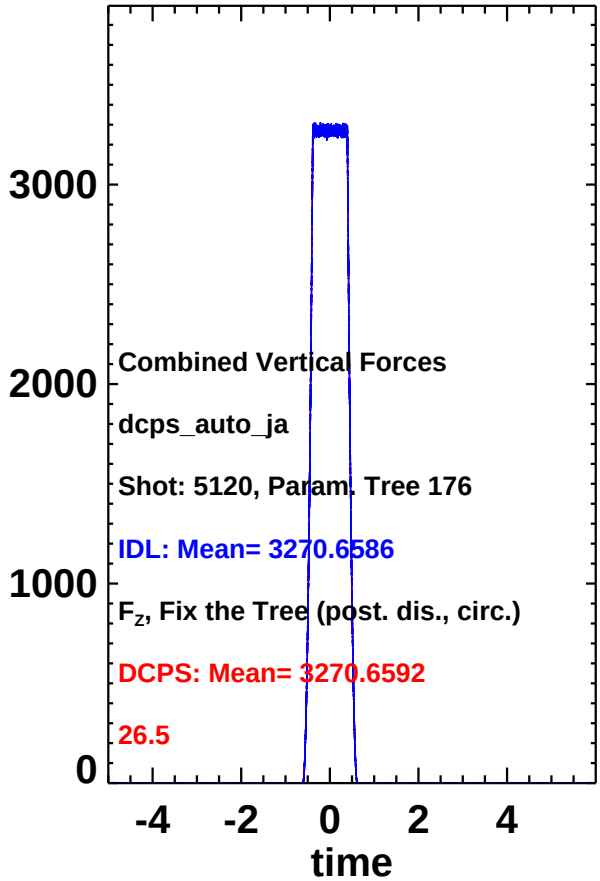

Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 37958.032
F_z, Fix the Tree (post. dis., circ.)
DCPS: Mean= 37958.036
26.3
$4\cdot10^4$
$3\cdot10^4$
$2\cdot10^4$
$10\cdot10^3$
$-4\cdot10^{-2}$
-4 -2 0 2 4
time

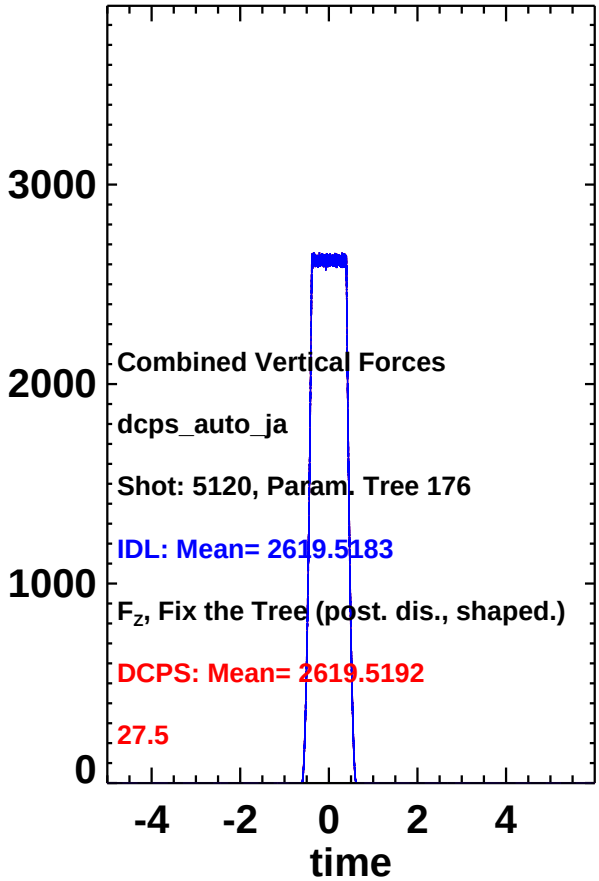

Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 36998.470
F_z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= 36998.474
27.3
$4\cdot10^4$
$3\cdot10^4$
$2\cdot10^4$
$10\cdot10^3$
$-4\cdot10^{-2}$
-4 -2 0 2 4
time

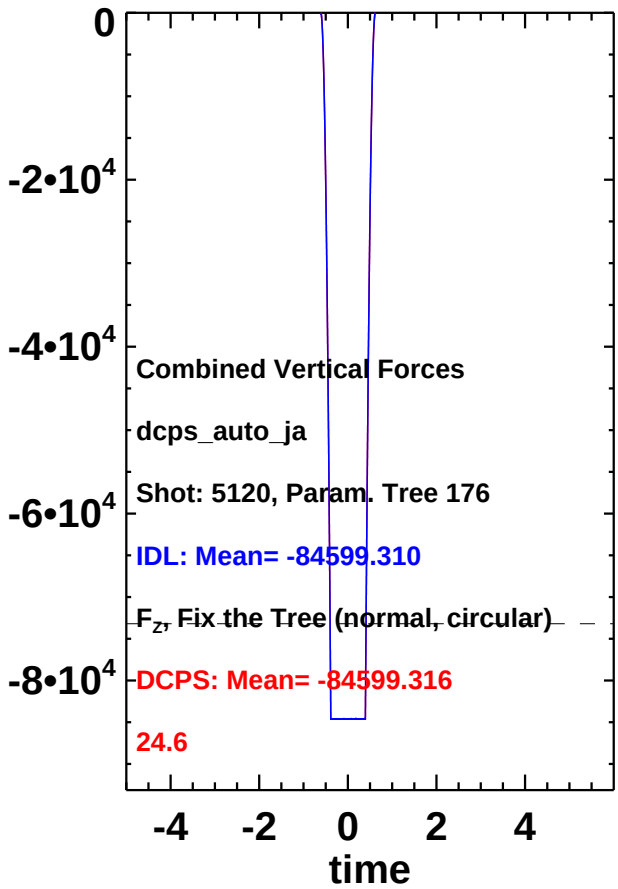

Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -98627.722
F_z, Fix the Tree (normal, circular)
DCPS: Mean= -98627.721
24.4
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -94965.944
F_z, Fix the Tree (normal, shaped)
DCPS: Mean= -94965.944
25.4
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -96927.816
F_z, Fix the Tree (post. dis., circ.)
DCPS: Mean= -96927.815
26.4
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -101190.65
F_z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= -101190.65
27.4
0
$-2\cdot10^4$
$-4\cdot10^4$
$-6\cdot10^4$
$-8\cdot10^4$
$-1\cdot10^5$
-4
-2
0
2
4
time

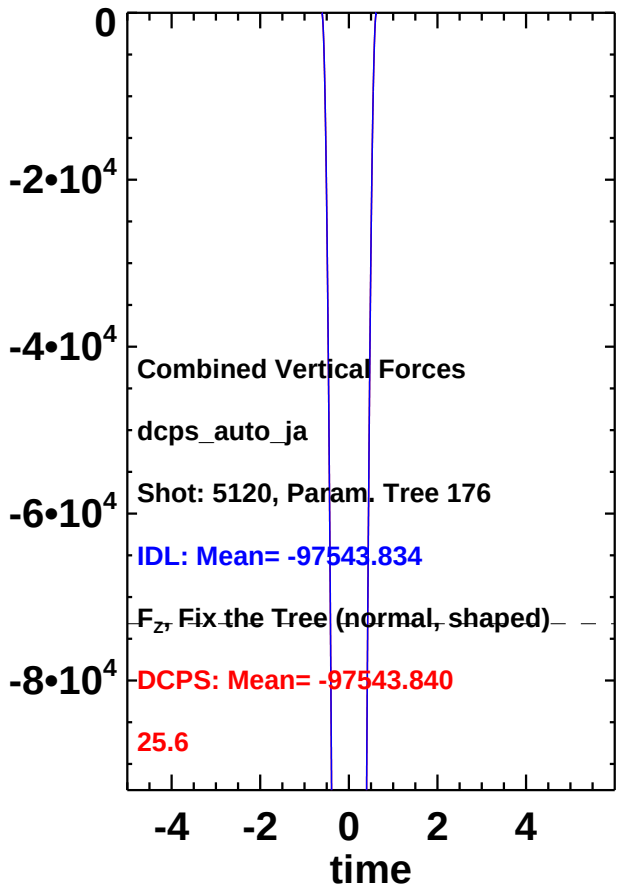

Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 3496.4063
F_z, Fix the Tree (normal, circular)
DCPS: Mean= 3496.4063
24.5
3000
2000
1000
0
-4
-2
0
2
4
time

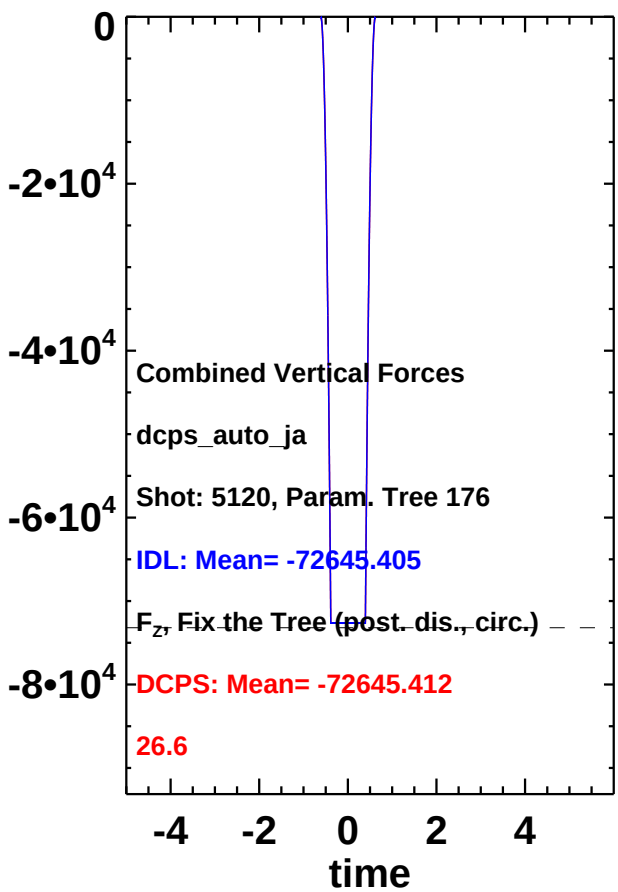

Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 4912.3629
F_z, Fix the Tree (normal, shaped)
DCPS: Mean= 4912.3629
25.5
3000
2000
1000
0
-4
-2
0
2
4
time

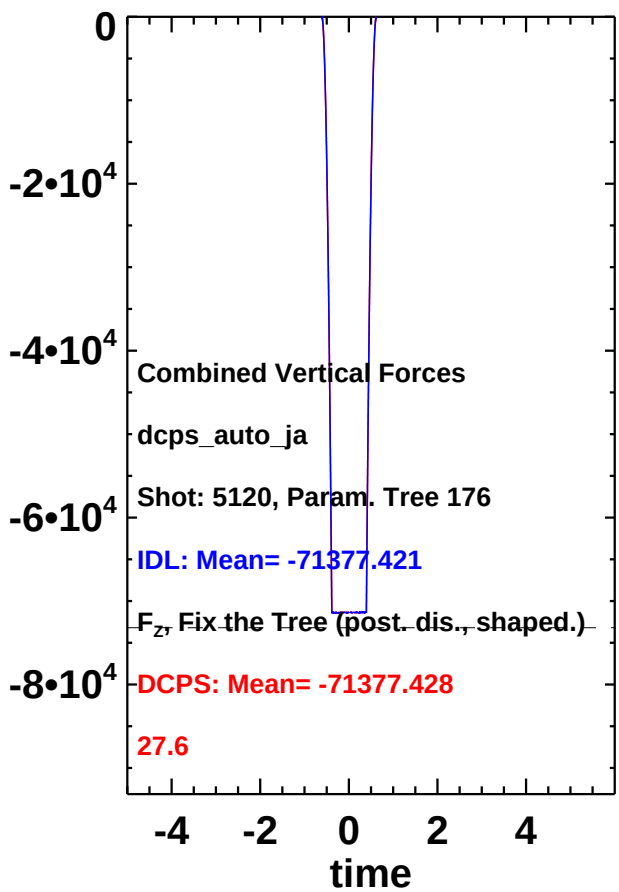

Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 3270.6586
F_z, Fix the Tree (post. dis., circ.)
DCPS: Mean= 3270.6592
26.5
3000
2000
1000
0
-4
-2
0
2
4
time

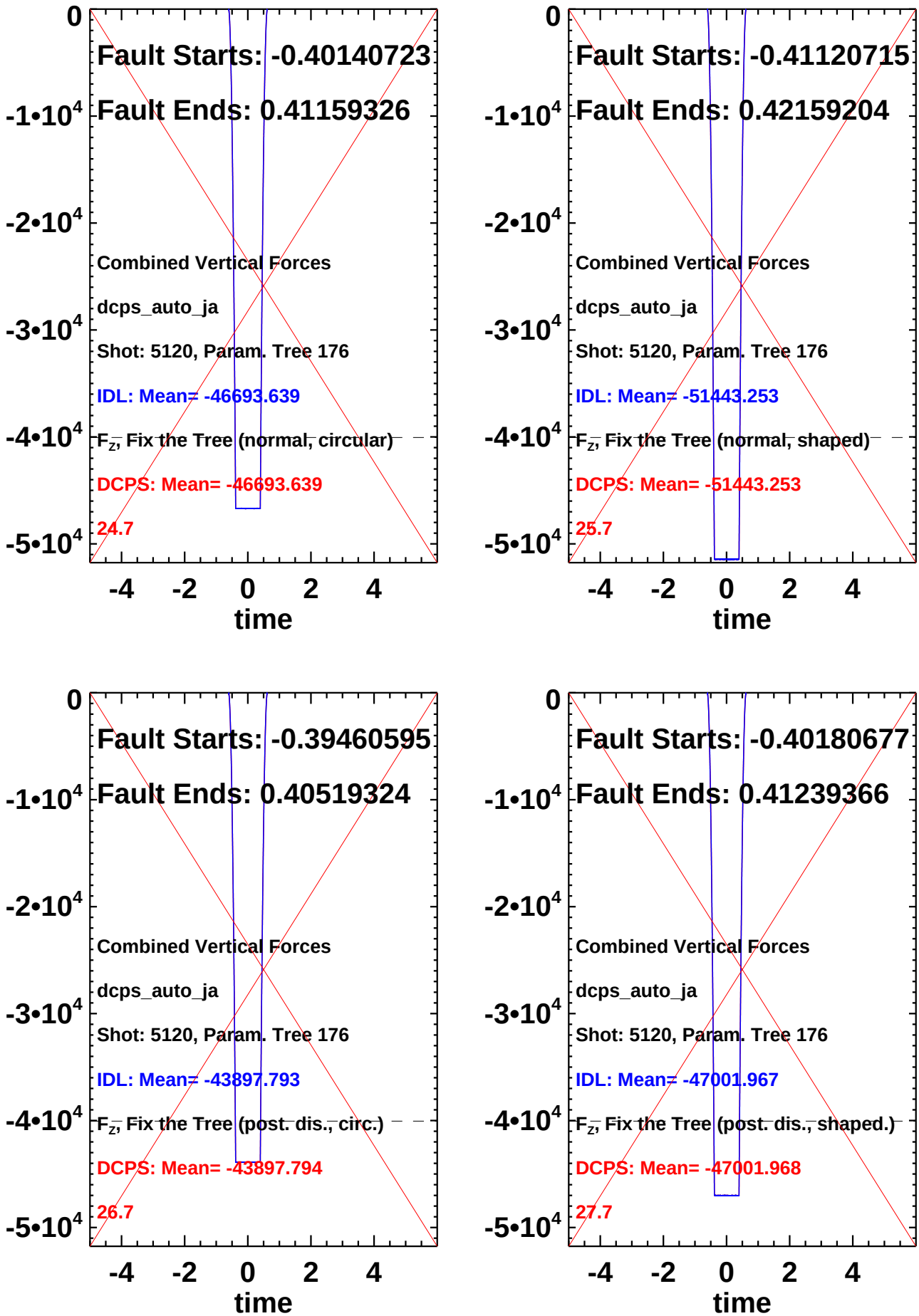

Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 2619.5183
F_z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= 2619.5192
27.5
3000
2000
1000
0
-4
-2
0
2
4
time

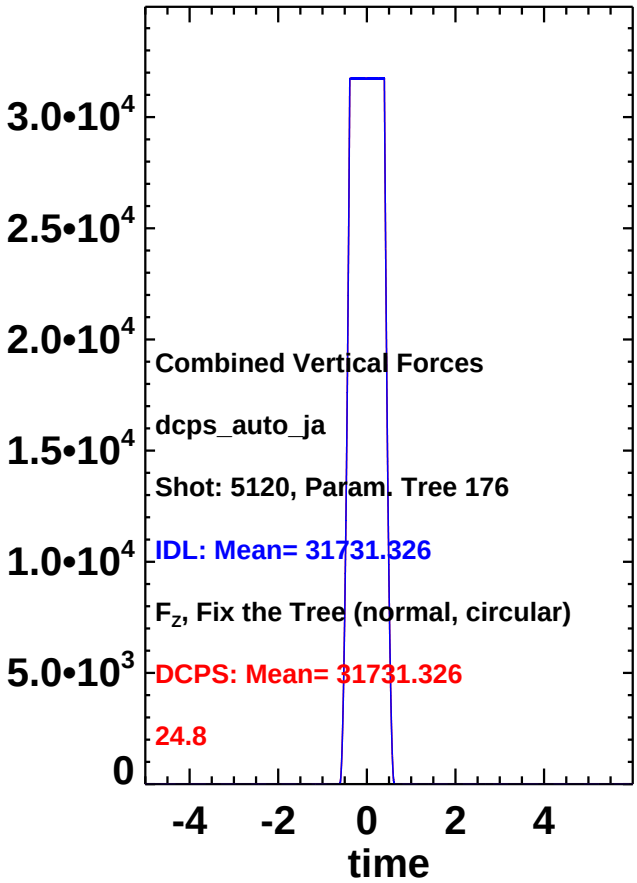

Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -84599.310
F_z, Fix the Tree (normal, circular)
DCPS: Mean= -84599.316
24.6
0
-2•10^4
-4•10^4
-6•10^4
-8•10^4
-4
-2
0
2
4
time

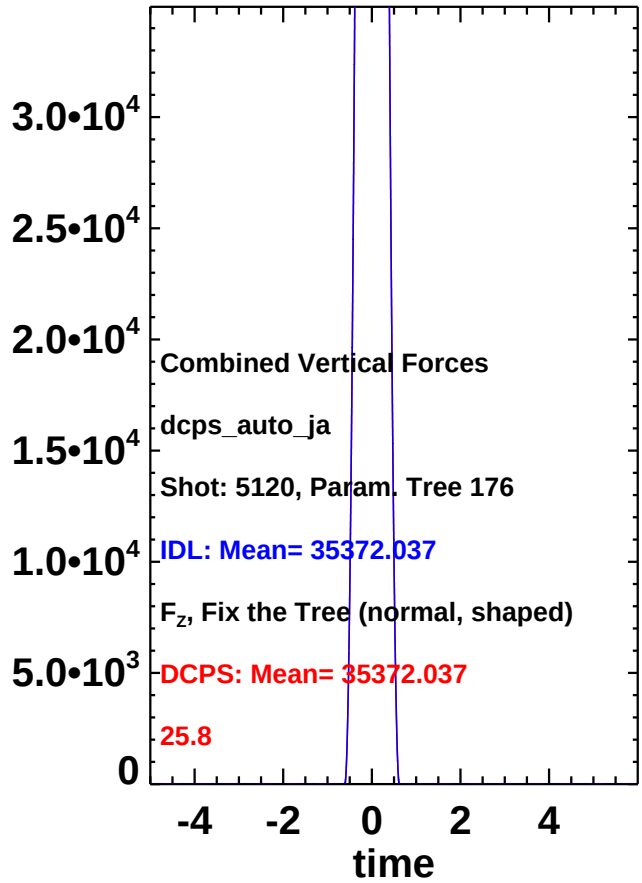

Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -97543.834
F_z, Fix the Tree (normal, shaped)
DCPS: Mean= -97543.840
25.6
0
-2•10^4
-4•10^4
-6•10^4
-8•10^4
-4
-2
0
2
4
time

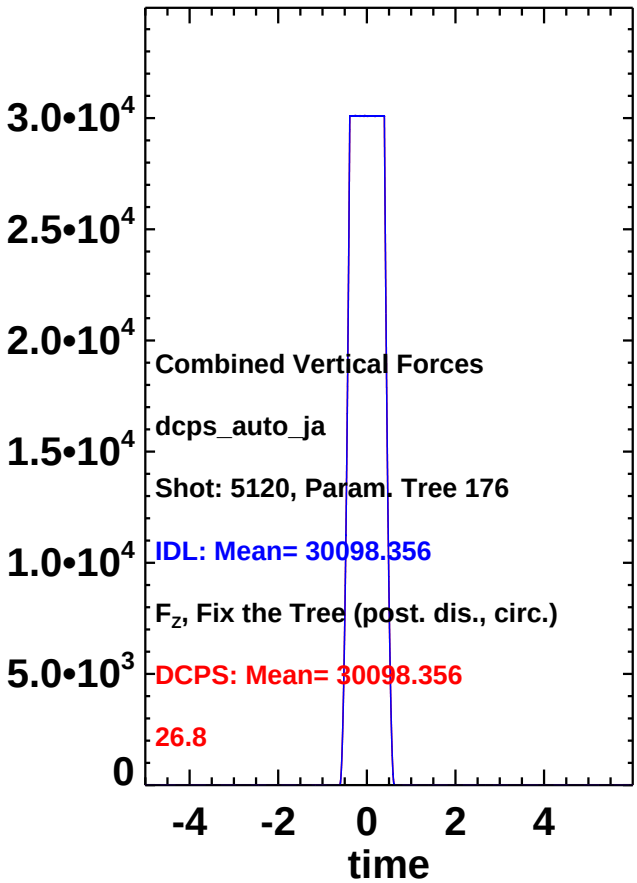

Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -72645.405
F_z, Fix the Tree (post. dis., circ.)
DCPS: Mean= -72645.412
26.6
0
-2•10^4
-4•10^4
-6•10^4
-8•10^4
-4
-2
0
2
4
time

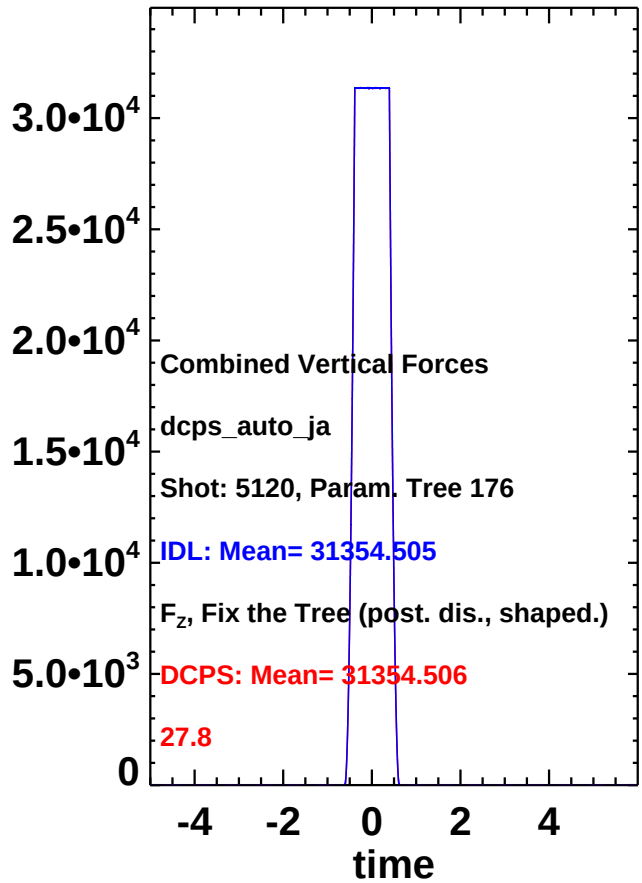

Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -71377.421
F_z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= -71377.428
27.6
0
-2•10^4
-4•10^4
-6•10^4
-8•10^4
-4
-2
0
2
4
time

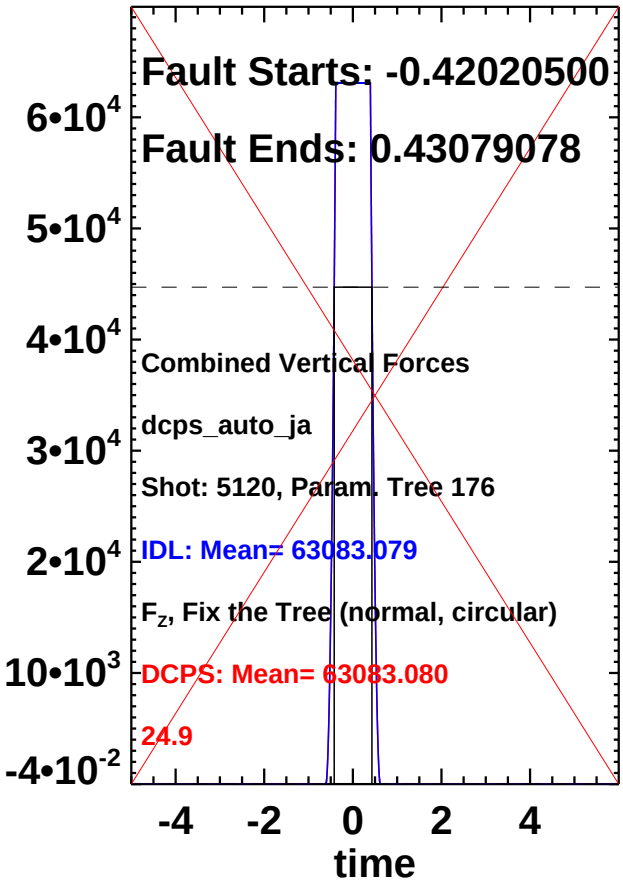

Fault Starts: -0.40140723
Fault Ends: 0.41159326
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -46693.639
F_z, Fix the Tree (normal, circular)
DCPS: Mean= -46693.639
24.7
Fault Starts: -0.41120715
Fault Ends: 0.42159204
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -51443.253
F_z, Fix the Tree (normal, shaped)
DCPS: Mean= -51443.253
25.7
Fault Starts: -0.39460595
Fault Ends: 0.40519324
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -43897.793
F_z, Fix the Tree (post. dis., circ.)
DCPS: Mean= -43897.794
26.7
Fault Starts: -0.40180677
Fault Ends: 0.41239366
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -47001.967
F_z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= -47001.968
27.7
0
$-1\cdot10^4$
$-2\cdot10^4$
$-3\cdot10^4$
$-4\cdot10^4$
$-5\cdot10^4$
-4
-2
0
2
4
time

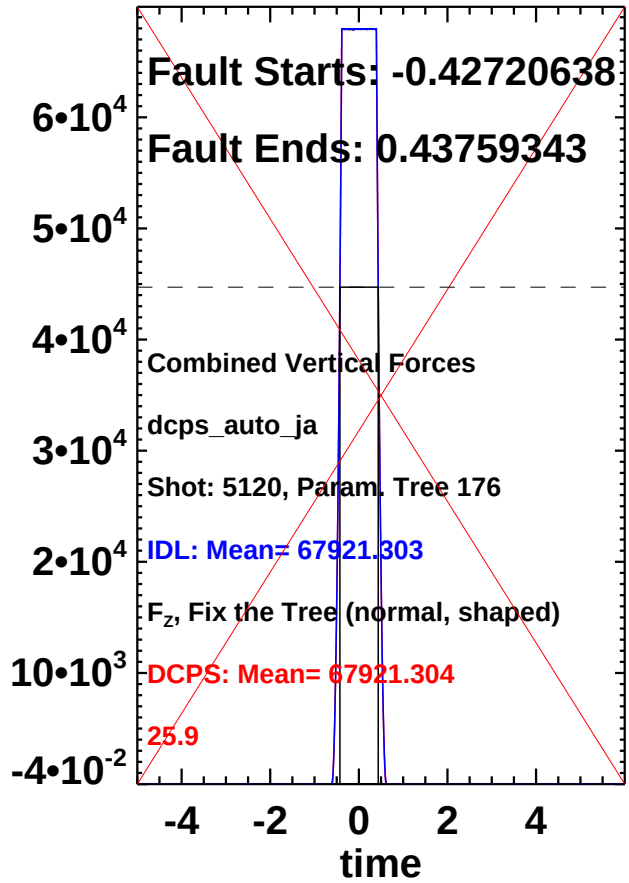

Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 31731.326
F_z, Fix the Tree (normal, circular)
DCPS: Mean= 31731.326
24.8
time

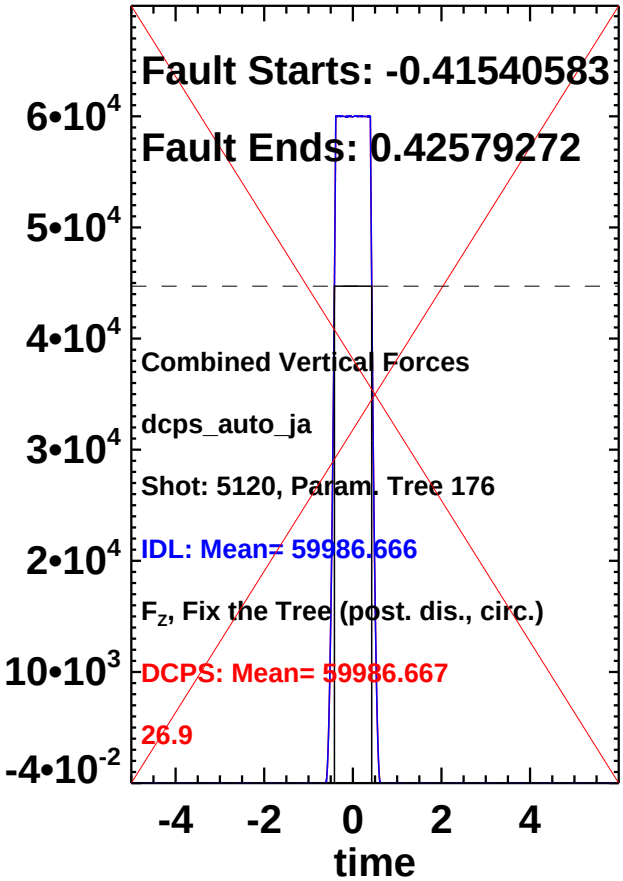

Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 35372.037
F_z, Fix the Tree (normal, shaped)
DCPS: Mean= 35372.037
25.8
time

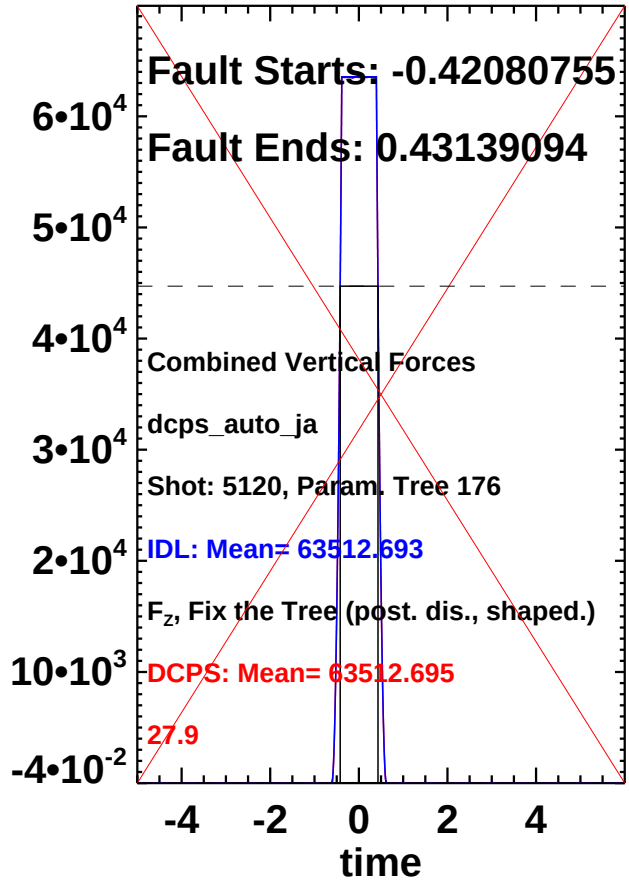

Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 30098.356
F_z, Fix the Tree (post. dis., circ.)
DCPS: Mean= 30098.356
26.8
time

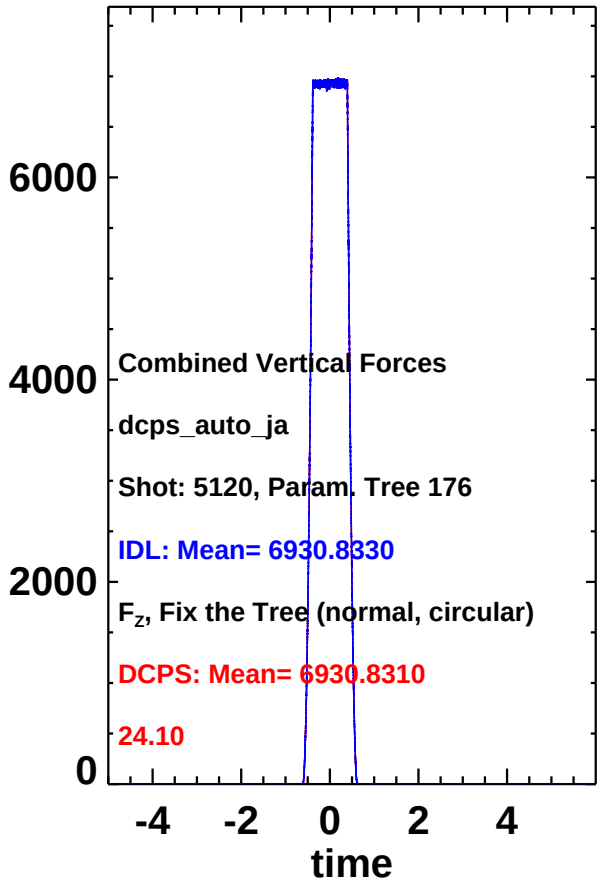

Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 31354.505
F_z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= 31354.506
27.8
time

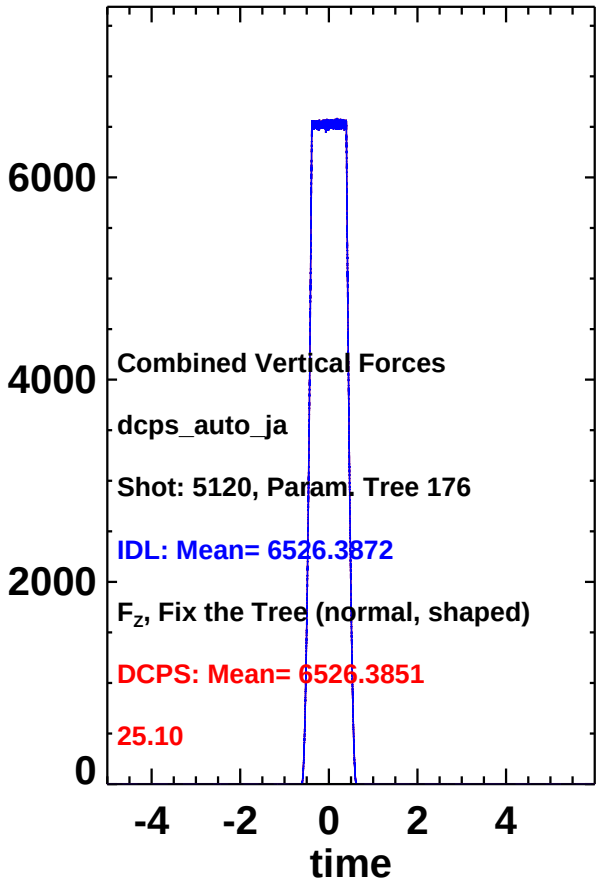

Fault Starts: -0.42020500
Fault Ends: 0.43079078
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 63083.079
F_z, Fix the Tree (normal, circular)
DCPS: Mean= 63083.080
24.9
$6\cdot10^4$
$5\cdot10^4$
$4\cdot10^4$
$3\cdot10^4$
$2\cdot10^4$
$10\cdot10^3$
$-4\cdot10^{-2}$
-4 -2 0 2 4
time

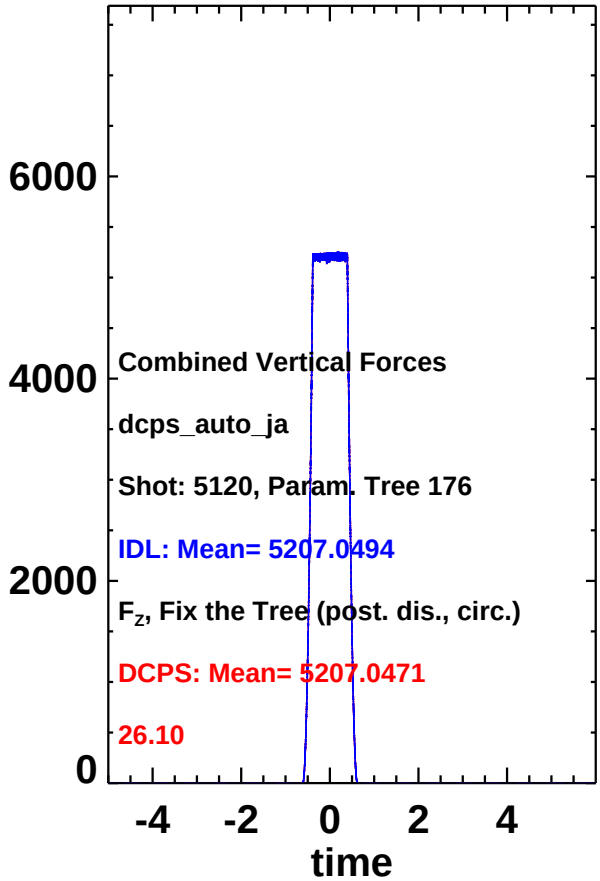

Fault Starts: -0.42720638
Fault Ends: 0.43759343
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 67921.303
F_z, Fix the Tree (normal, shaped)
DCPS: Mean= 67921.304
25.9
$6\cdot10^4$
$5\cdot10^4$
$4\cdot10^4$
$3\cdot10^4$
$2\cdot10^4$
$10\cdot10^3$
$-4\cdot10^{-2}$
-4 -2 0 2 4
time

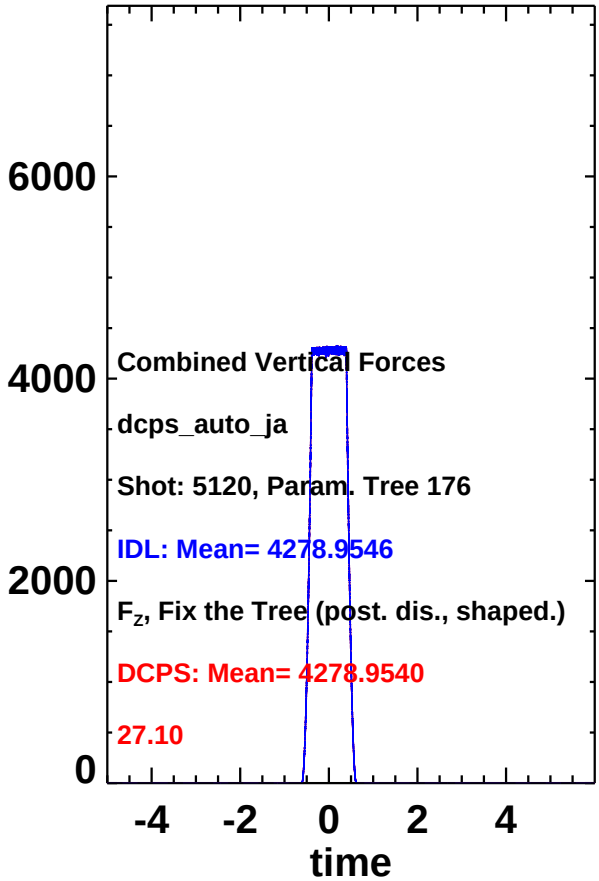

Fault Starts: -0.41540583
Fault Ends: 0.42579272
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 59986.666
F_z, Fix the Tree (post. dis., circ.)
DCPS: Mean= 59986.667
26.9
$6\cdot10^4$
$5\cdot10^4$
$4\cdot10^4$
$3\cdot10^4$
$2\cdot10^4$
$10\cdot10^3$
$-4\cdot10^{-2}$
-4 -2 0 2 4
time

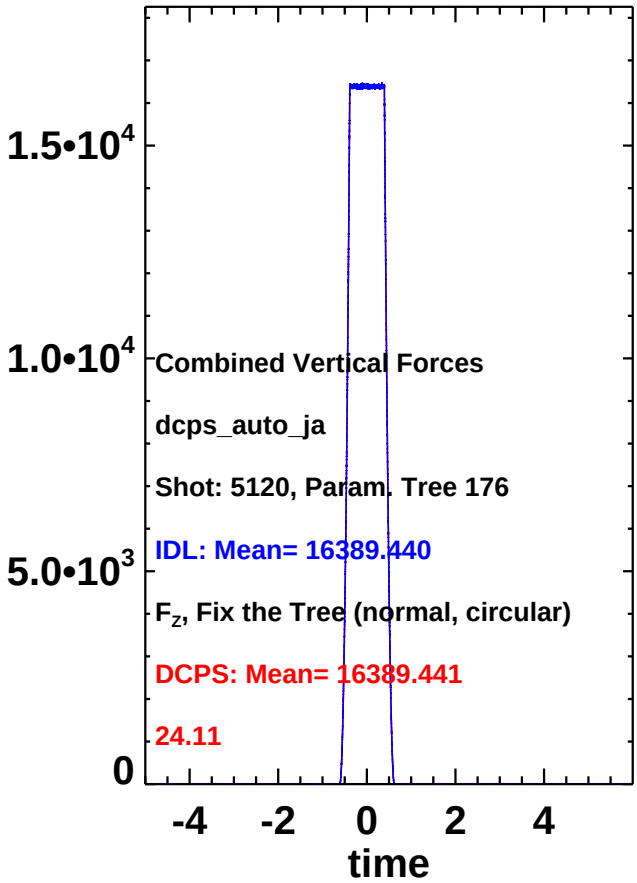

Fault Starts: -0.42080755
Fault Ends: 0.43139094
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 63512.693
F_z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= 63512.695
27.9
$6\cdot10^4$
$5\cdot10^4$
$4\cdot10^4$
$3\cdot10^4$
$2\cdot10^4$
$10\cdot10^3$
$-4\cdot10^{-2}$
-4 -2 0 2 4
time

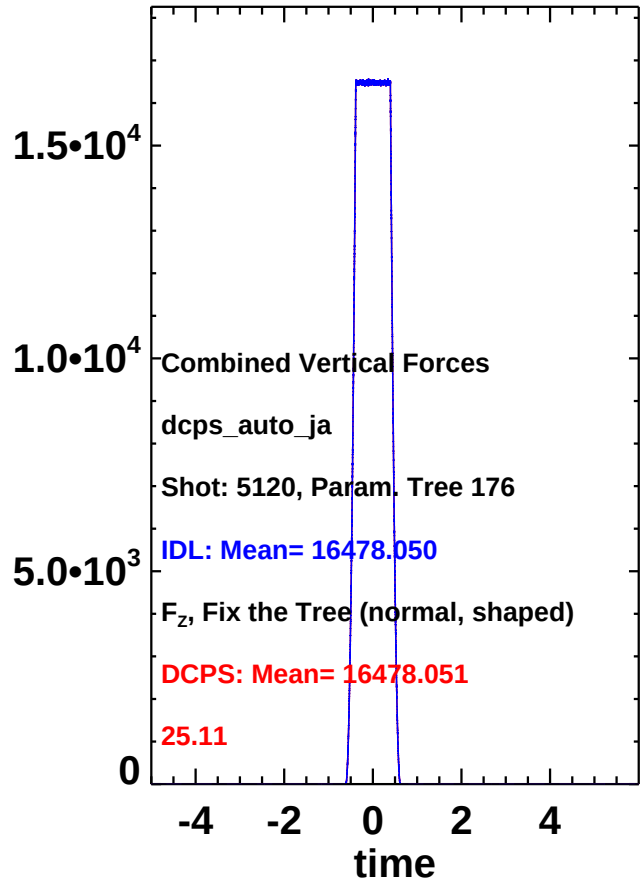

Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 6930.8330
F_z, Fix the Tree (normal, circular)
DCPS: Mean= 6930.8310
24.10
6000
4000
2000
0
-4
-2
0
2
4
time

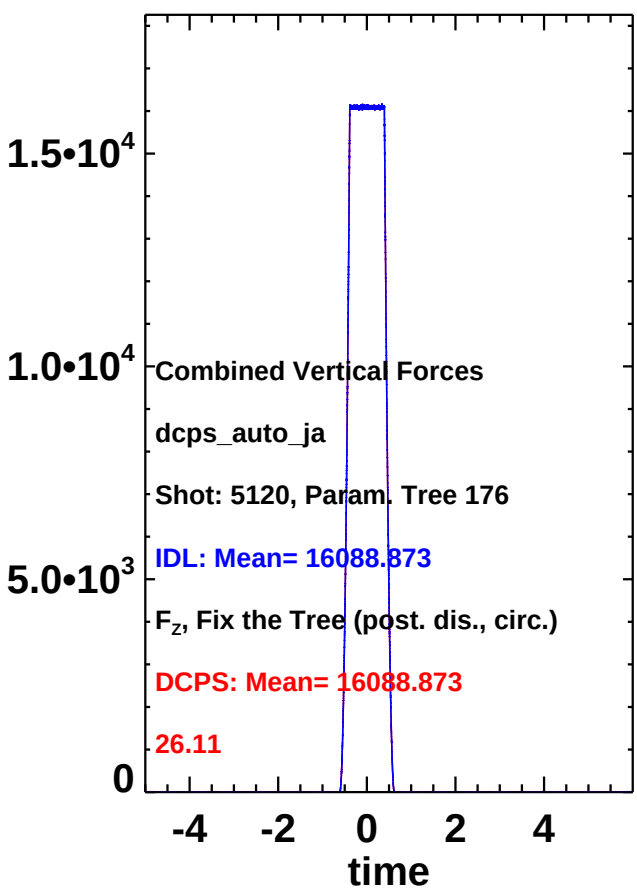

Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 6526.3872
F_z, Fix the Tree (normal, shaped)
DCPS: Mean= 6526.3851
25.10
6000
4000
2000
0
-4
-2
0
2
4
time

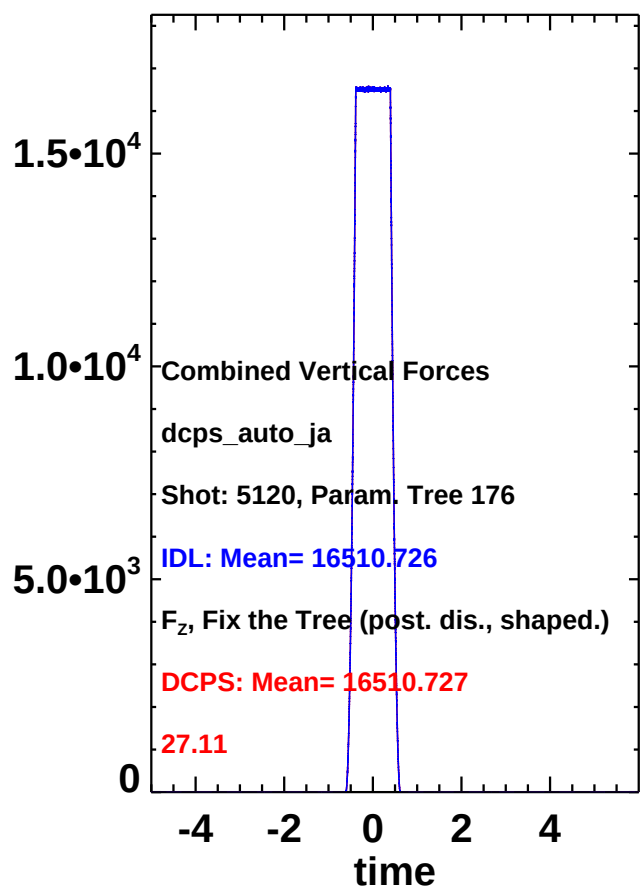

Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 5207.0494
F_z, Fix the Tree (post. dis., circ.)
DCPS: Mean= 5207.0471
26.10
6000
4000
2000
0
-4
-2
0
2
4
time

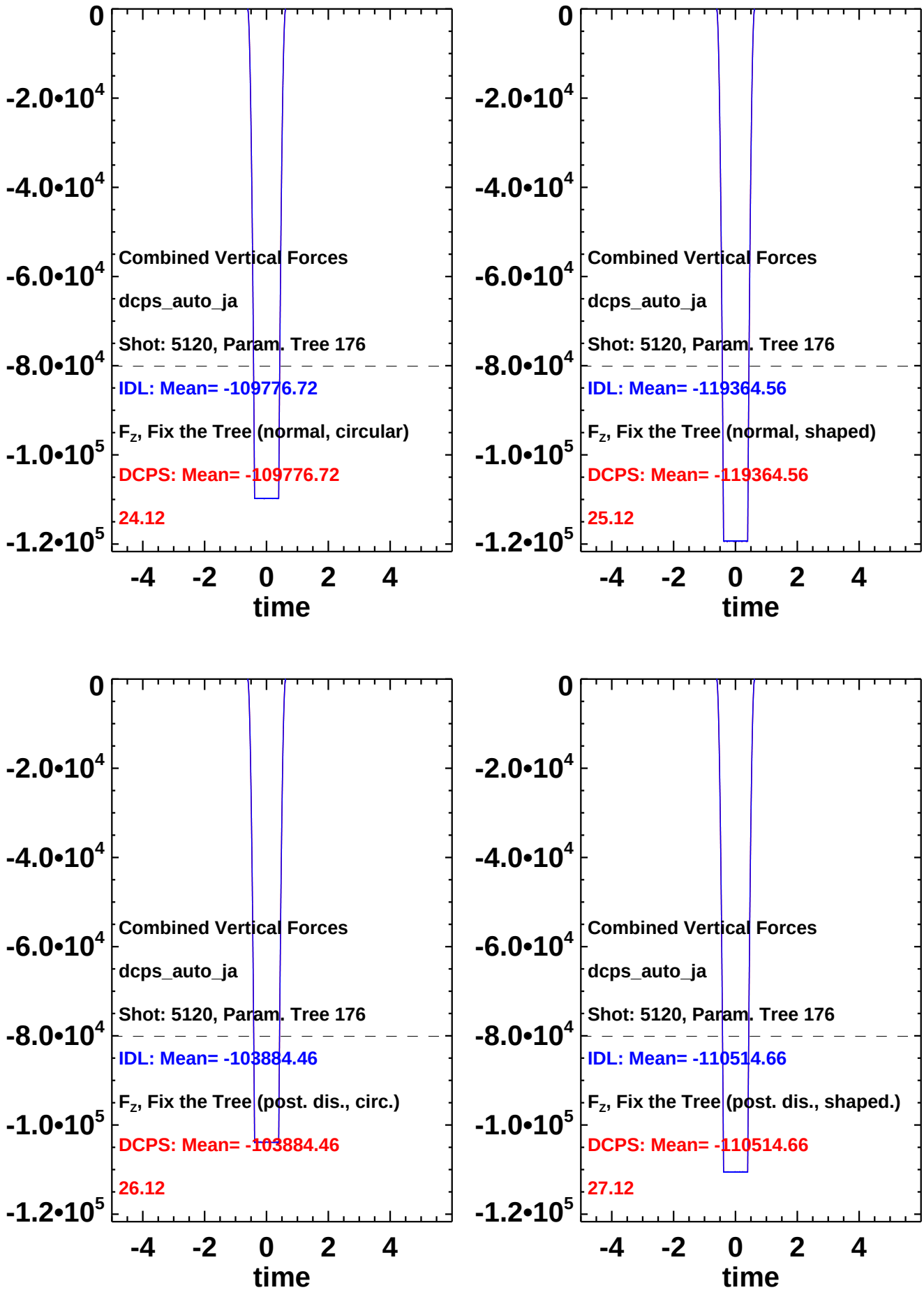

Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 4278.9546
F_z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= 4278.9540
27.10
6000
4000
2000
0
-4
-2
0
2
4
time

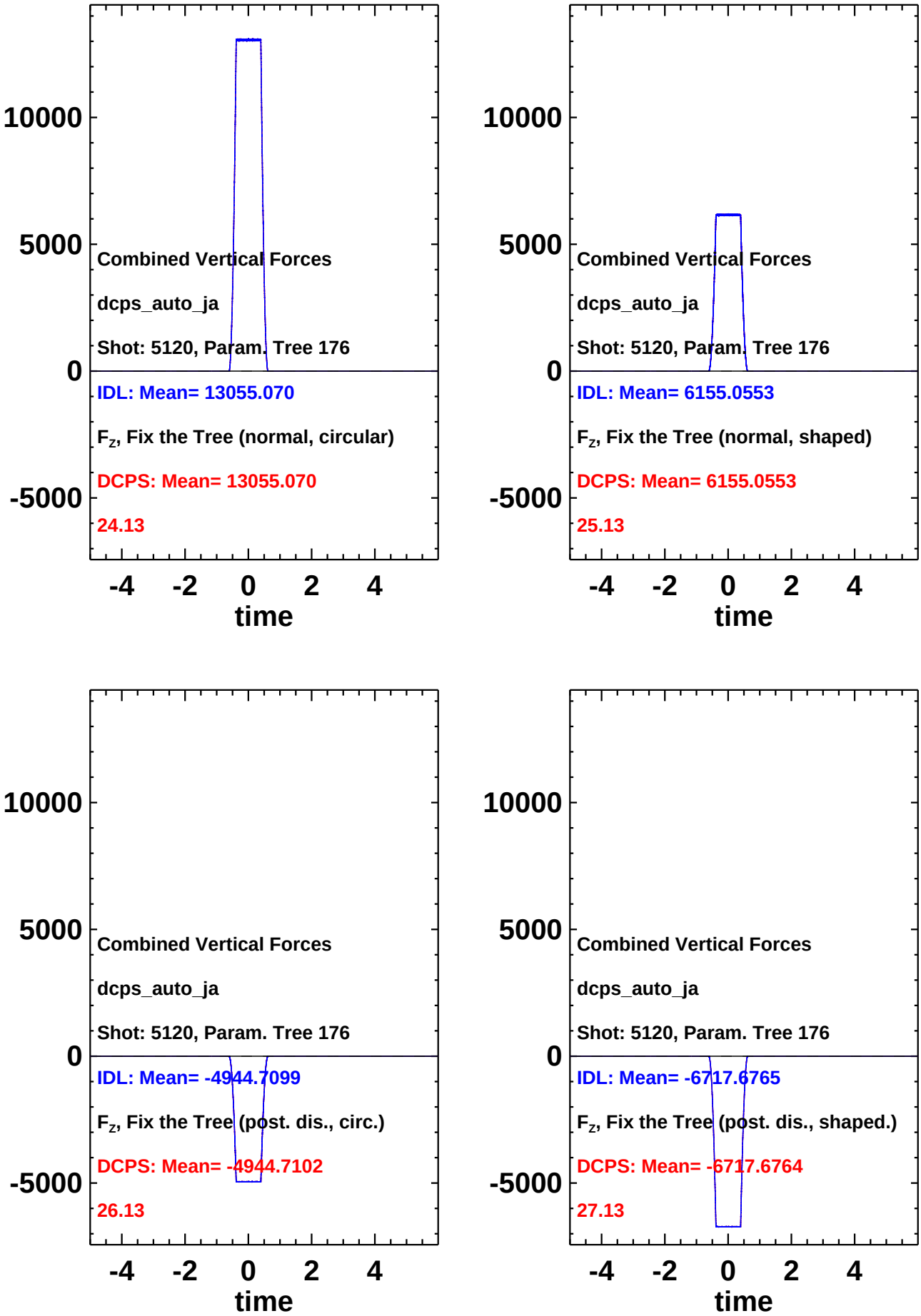

1.5•10^4
1.0•10^4
5.0•10^3
0
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 16389.440
F_Z, Fix the Tree (normal, circular)
DCPS: Mean= 16389.441
24.11
-4
-2
0
2
4
time

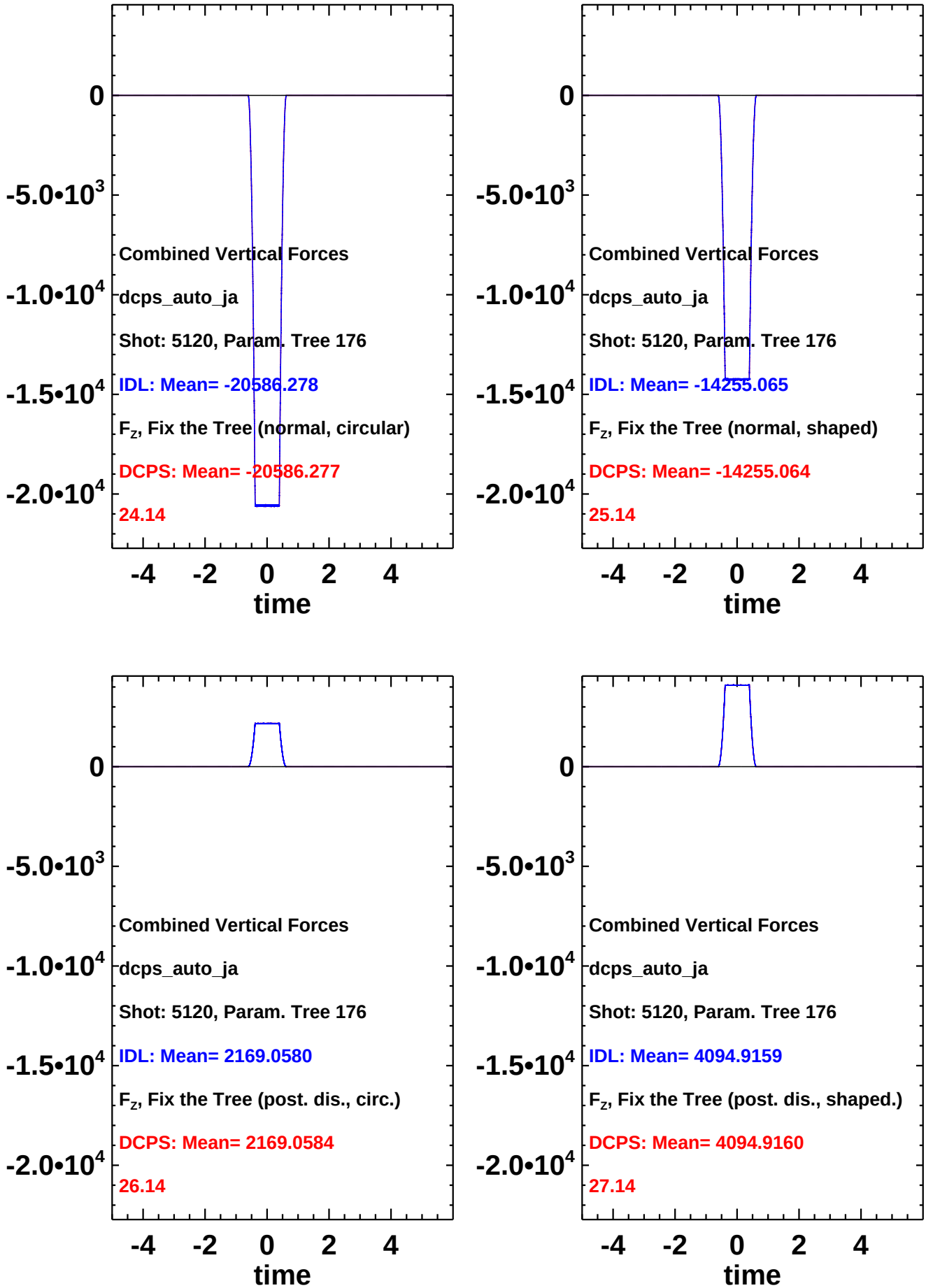

1.5•10^4
1.0•10^4
5.0•10^3
0
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 16478.050
F_Z, Fix the Tree (normal, shaped)
DCPS: Mean= 16478.051
25.11
-4
-2
0
2
4
time

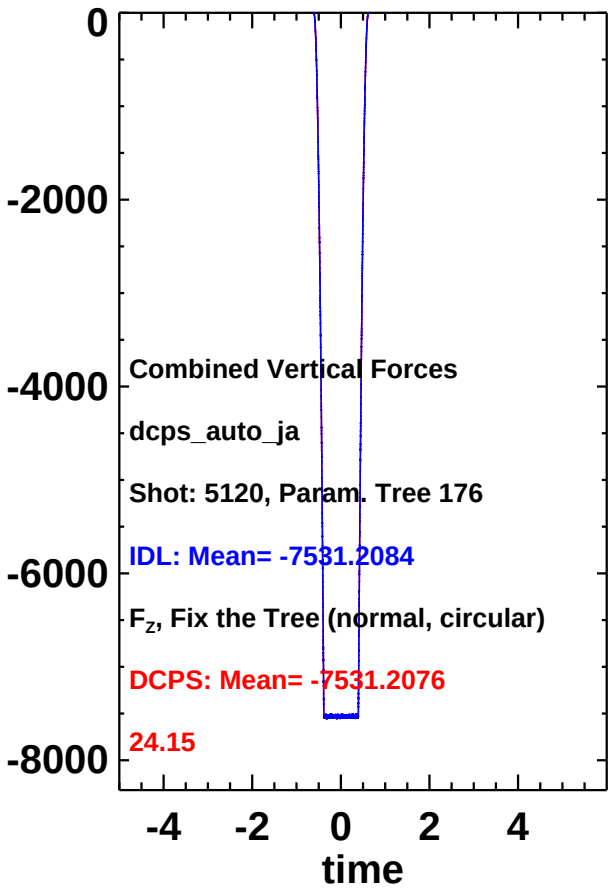

1.5•10^4
1.0•10^4
5.0•10^3
0
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 16088.873
F_Z, Fix the Tree (post. dis., circ.)
DCPS: Mean= 16088.873
26.11
-4
-2
0
2
4
time

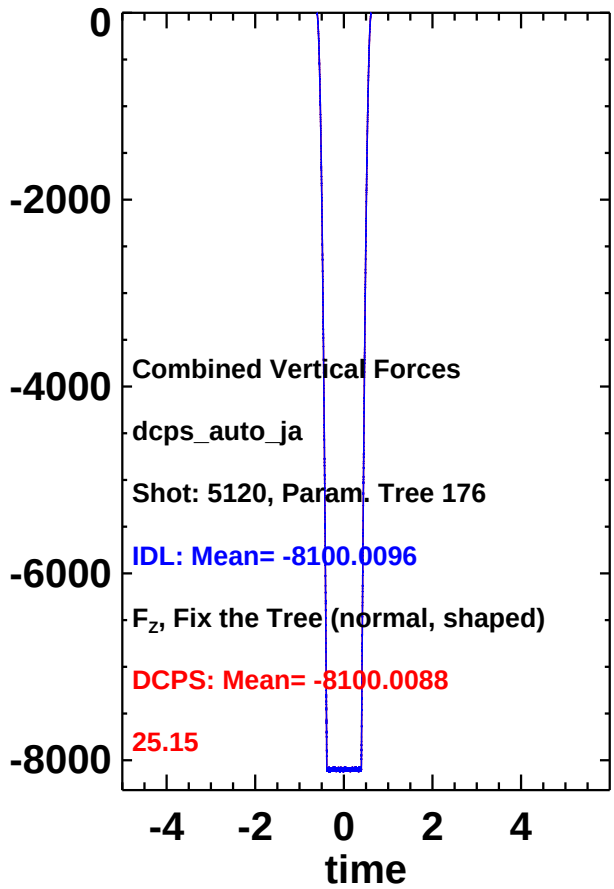

1.5•10^4
1.0•10^4
5.0•10^3
0
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 16510.726
F_Z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= 16510.727
27.11
-4
-2
0
2
4
time

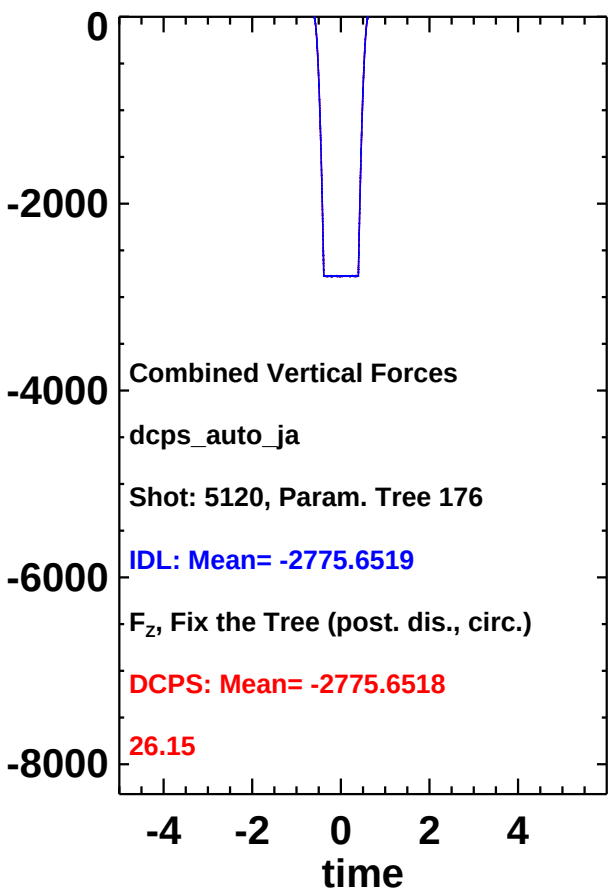

Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -109776.72
F_z, Fix the Tree (normal, circular)
DCPS: Mean= -109776.72
24.12
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -119364.56
F_z, Fix the Tree (normal, shaped)
DCPS: Mean= -119364.56
25.12
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -103884.46
F_z, Fix the Tree (post. dis., circ.)
DCPS: Mean= -103884.46
26.12
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -110514.66
F_z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= -110514.66
27.12
0
$-2.0\cdot10^4$
$-4.0\cdot10^4$
$-6.0\cdot10^4$
$-8.0\cdot10^4$
$-1.0\cdot10^5$
$-1.2\cdot10^5$
-4
-2
0
2
4
time

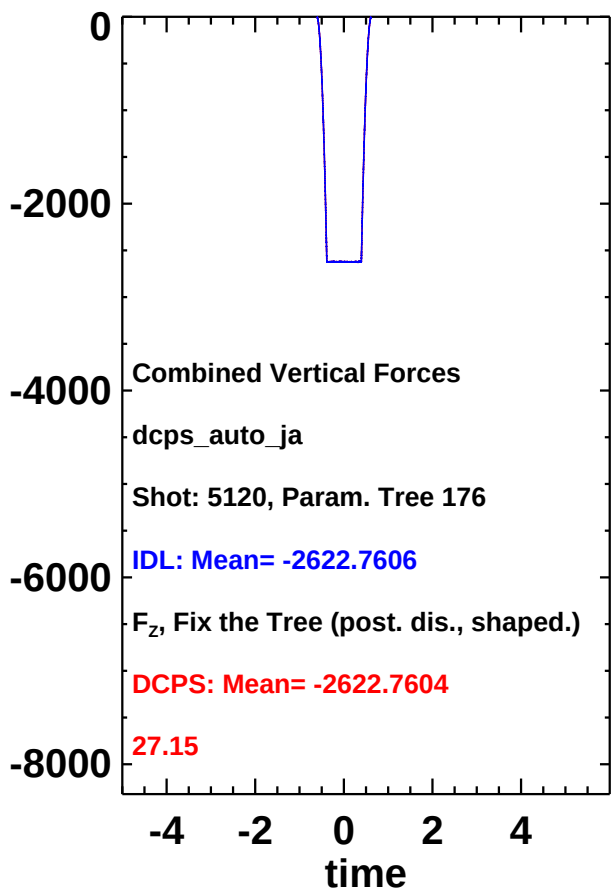

10000
5000
0
-5000
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 13055.070
F_z, Fix the Tree (normal, circular)
DCPS: Mean= 13055.070
24.13
-4 -2 0 2 4
time
10000
5000
0
-5000
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 6155.0553
F_z, Fix the Tree (normal, shaped)
DCPS: Mean= 6155.0553
25.13
-4 -2 0 2 4
time
10000
5000
0
-5000
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -4944.7099
F_z, Fix the Tree (post. dis., circ.)
DCPS: Mean= -4944.7102
26.13
-4 -2 0 2 4
time
10000
5000
0
-5000
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -6717.6765
F_z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= -6717.6764
27.13
-4 -2 0 2 4
time

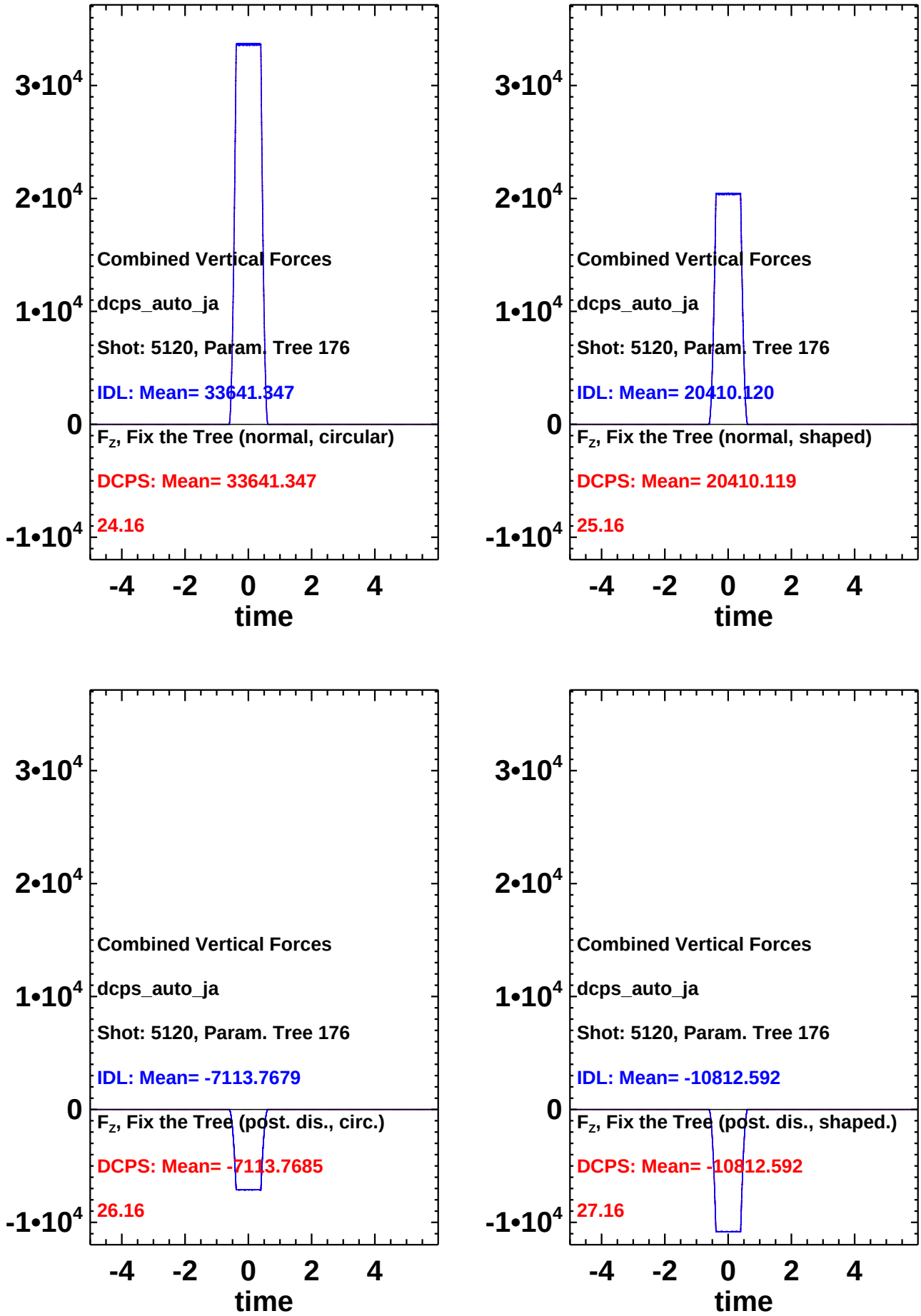

0
-5.0•10^3
-1.0•10^4
-1.5•10^4
-2.0•10^4
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -20586.278
F_Z, Fix the Tree (normal, circular)
DCPS: Mean= -20586.277
24.14
-4 -2 0 2 4
time
0
-5.0•10^3
-1.0•10^4
-1.5•10^4
-2.0•10^4
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -14255.065
F_Z, Fix the Tree (normal, shaped)
DCPS: Mean= -14255.064
25.14
-4 -2 0 2 4
time
0
-5.0•10^3
-1.0•10^4
-1.5•10^4
-2.0•10^4
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 2169.0580
F_Z, Fix the Tree (post. dis., circ.)
DCPS: Mean= 2169.0584
26.14
-4 -2 0 2 4
time
0
-5.0•10^3
-1.0•10^4
-1.5•10^4
-2.0•10^4
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 4094.9159
F_Z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= 4094.9160
27.14
-4 -2 0 2 4
time

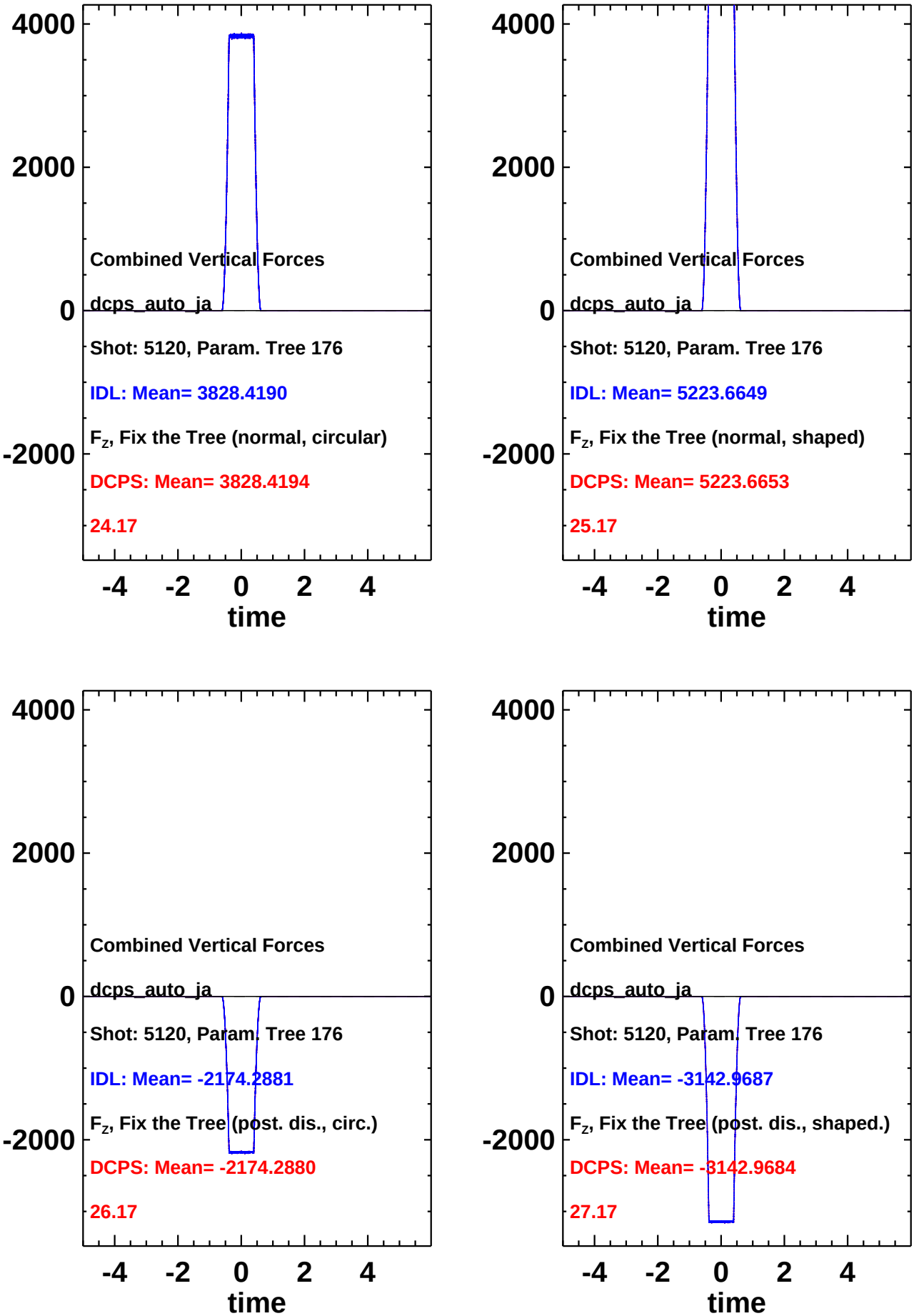

Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -7531.2084
F_z, Fix the Tree (normal, circular)
DCPS: Mean= -7531.2076
24.15
0
-2000
-4000
-6000
-8000
-4
-2
0
2
4
time

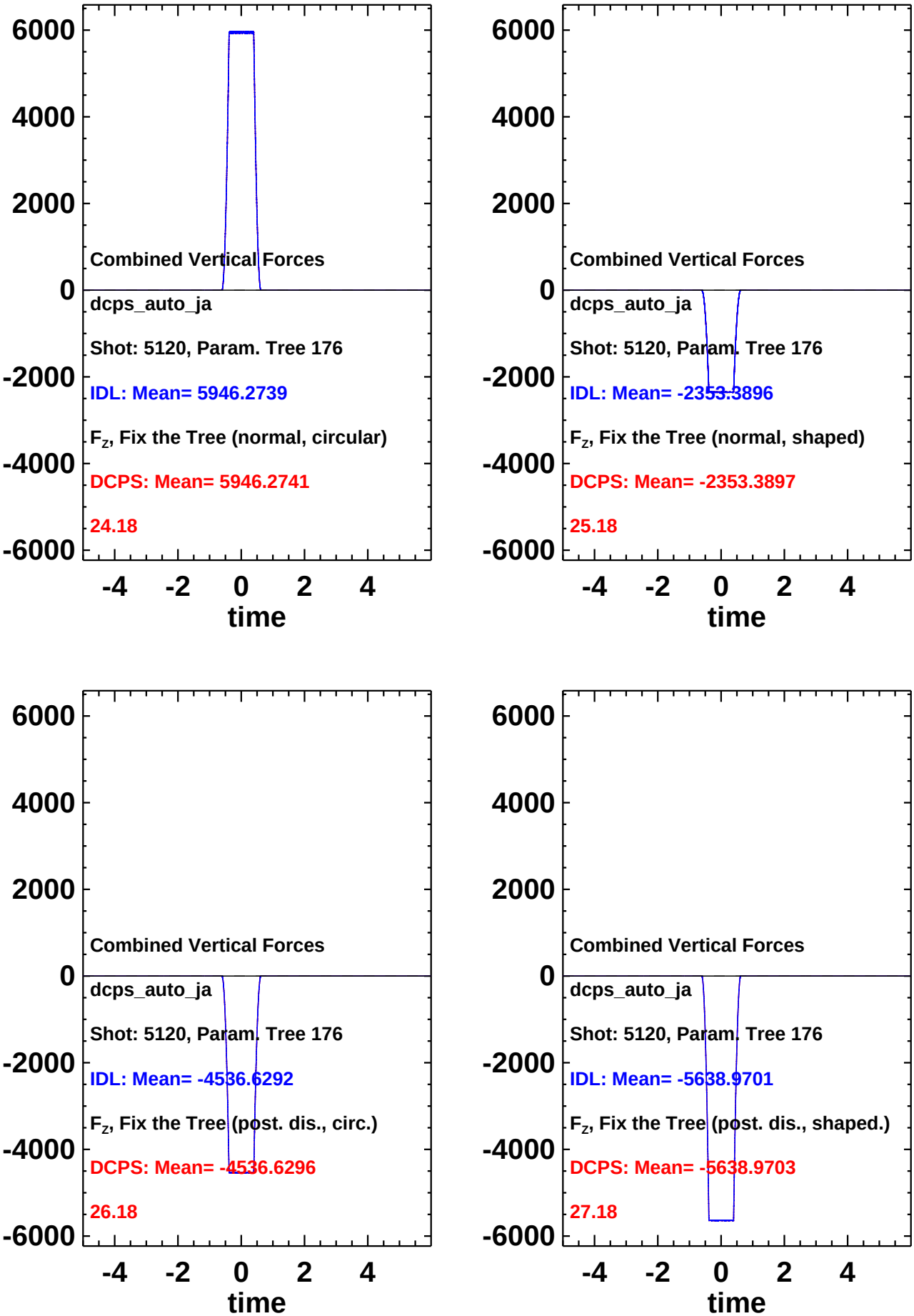

Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -8100.0096
F_z, Fix the Tree (normal, shaped)
DCPS: Mean= -8100.0088
25.15
0
-2000
-4000
-6000
-8000
-4
-2
0
2
4
time

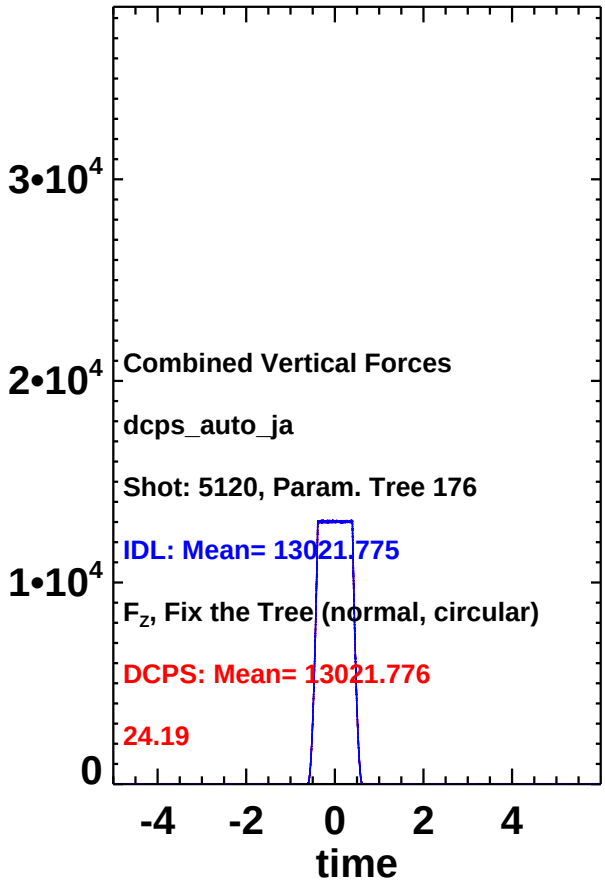

Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -2775.6519
F_z, Fix the Tree (post. dis., circ.)
DCPS: Mean= -2775.6518
26.15
0
-2000
-4000
-6000
-8000
-4
-2
0
2
4
time

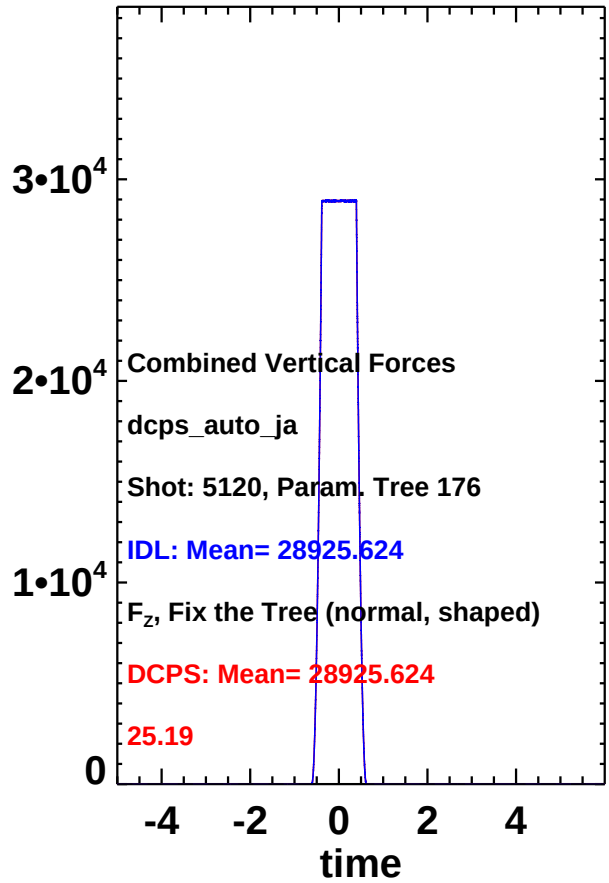

Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -2622.7606
F_z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= -2622.7604
27.15
0
-2000
-4000
-6000
-8000
-4
-2
0
2
4
time

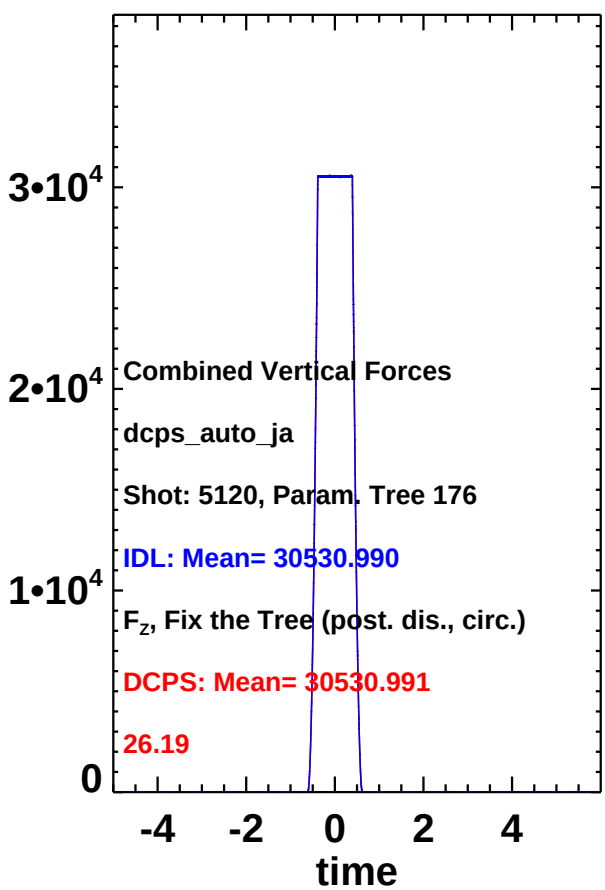

Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 33641.347
F_z, Fix the Tree (normal, circular)
DCPS: Mean= 33641.347
24.16
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 20410.120
F_z, Fix the Tree (normal, shaped)
DCPS: Mean= 20410.119
25.16
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -7113.7679
F_z, Fix the Tree (post. dis., circ.)
DCPS: Mean= -7113.7685
26.16
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -10812.592
F_z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= -10812.592
27.16
$3\cdot10^4$
$2\cdot10^4$
$1\cdot10^4$
0
$-1\cdot10^4$
-4
-2
0
2
4
time

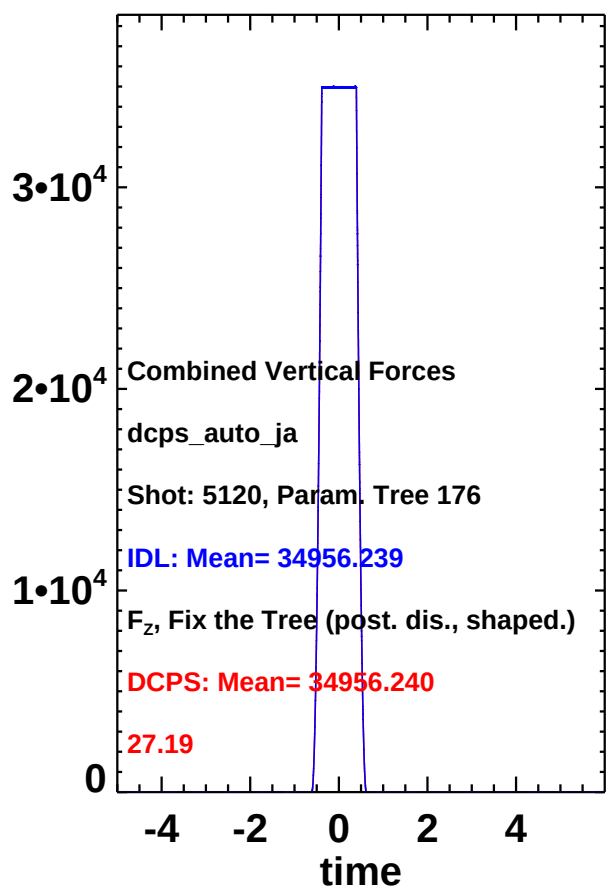

Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 3828.4190
F_z, Fix the Tree (normal, circular)
DCPS: Mean= 3828.4194
24.17
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 5223.6649
F_z, Fix the Tree (normal, shaped)
DCPS: Mean= 5223.6653
25.17
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -2174.2881
F_z, Fix the Tree (post. dis., circ.)
DCPS: Mean= -2174.2880
26.17
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -3142.9687
F_z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= -3142.9684
27.17
4000
2000
0
-2000
-4
-2
0
2
4
time

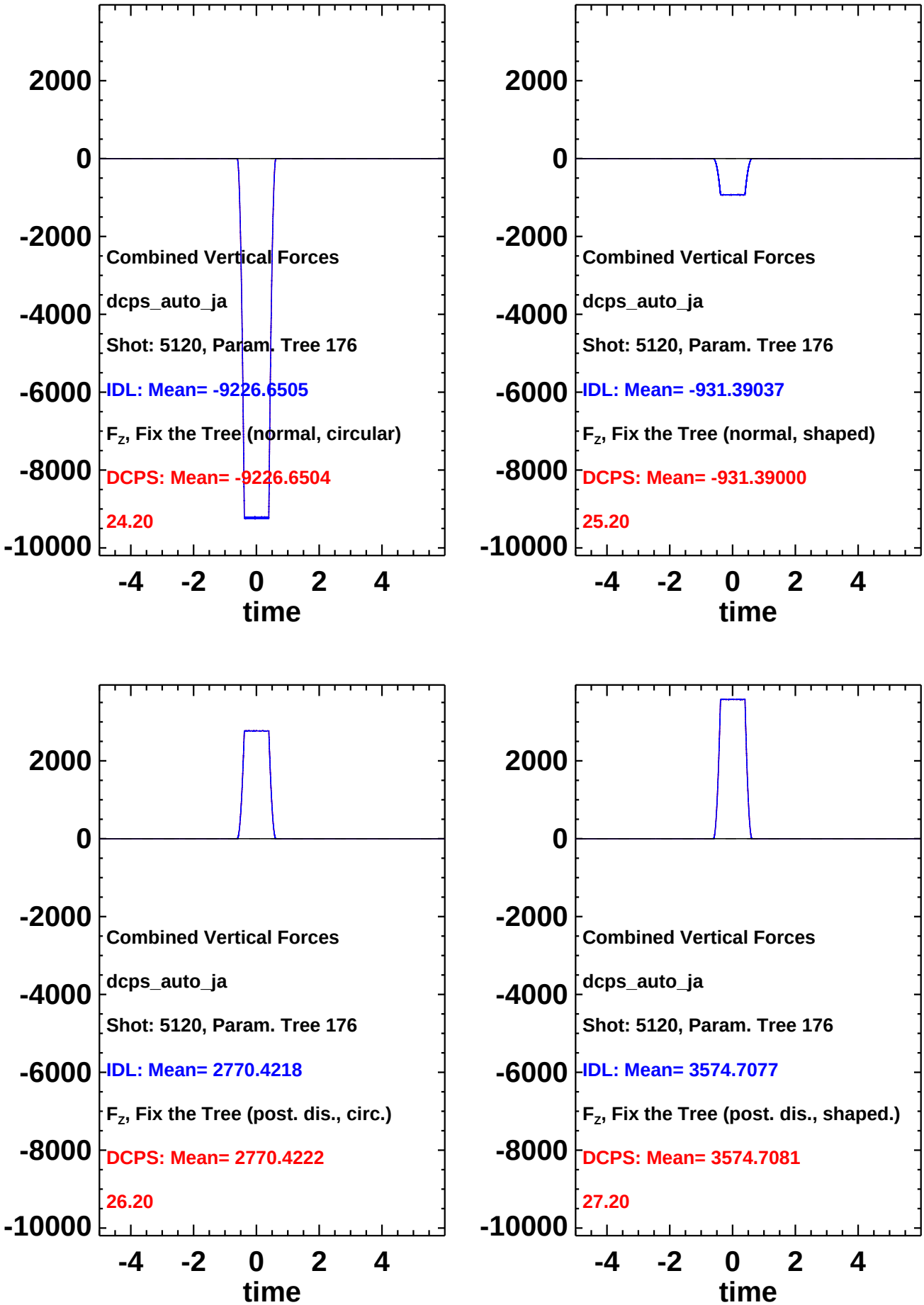

Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 5946.2739
F_z, Fix the Tree (normal, circular)
DCPS: Mean= 5946.2741
24.18
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -2353.3896
F_z, Fix the Tree (normal, shaped)
DCPS: Mean= -2353.3897
25.18
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -4536.6292
F_z, Fix the Tree (post. dis., circ.)
DCPS: Mean= -4536.6296
26.18
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -5638.9701
F_z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= -5638.9703
27.18
6000
4000
2000
0
-2000
-4000
-6000
-4
-2
0
2
4
time

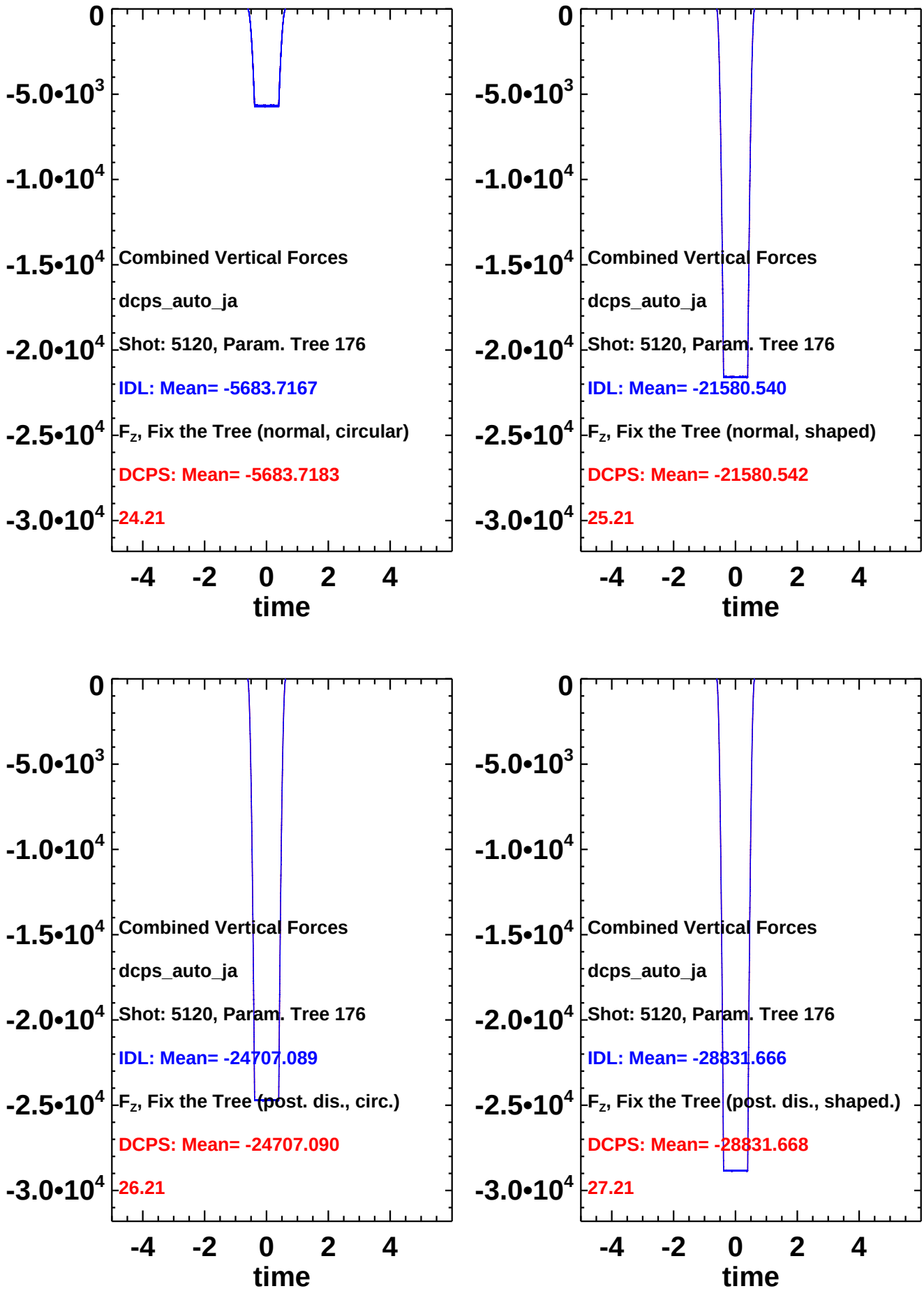

Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 13021.775
F_z, Fix the Tree (normal, circular)
DCPS: Mean= 13021.776
24.19
$3\cdot10^4$
$2\cdot10^4$
$1\cdot10^4$
0
-4
-2
0
2
4
time

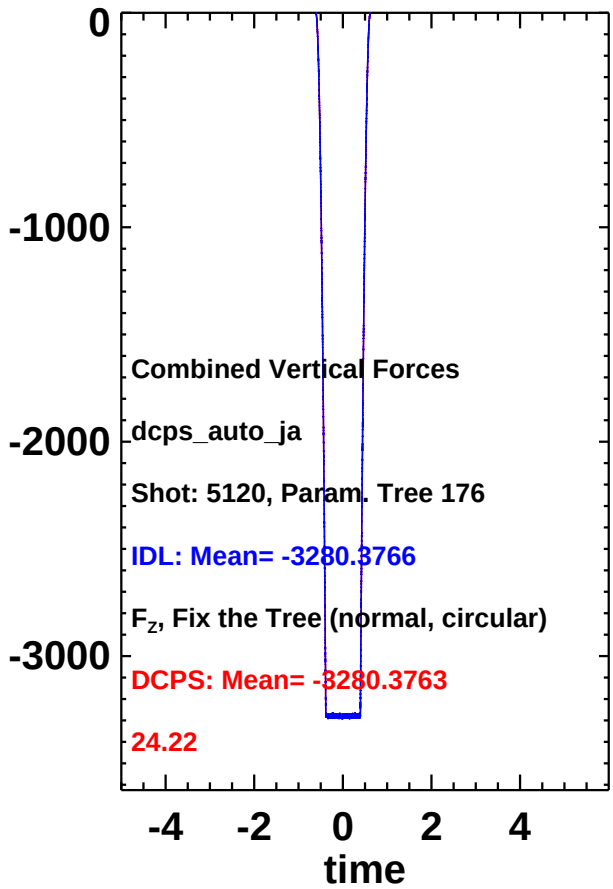

Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 28925.624
F_z, Fix the Tree (normal, shaped)
DCPS: Mean= 28925.624
25.19
$3\cdot10^4$
$2\cdot10^4$
$1\cdot10^4$
0
-4
-2
0
2
4
time

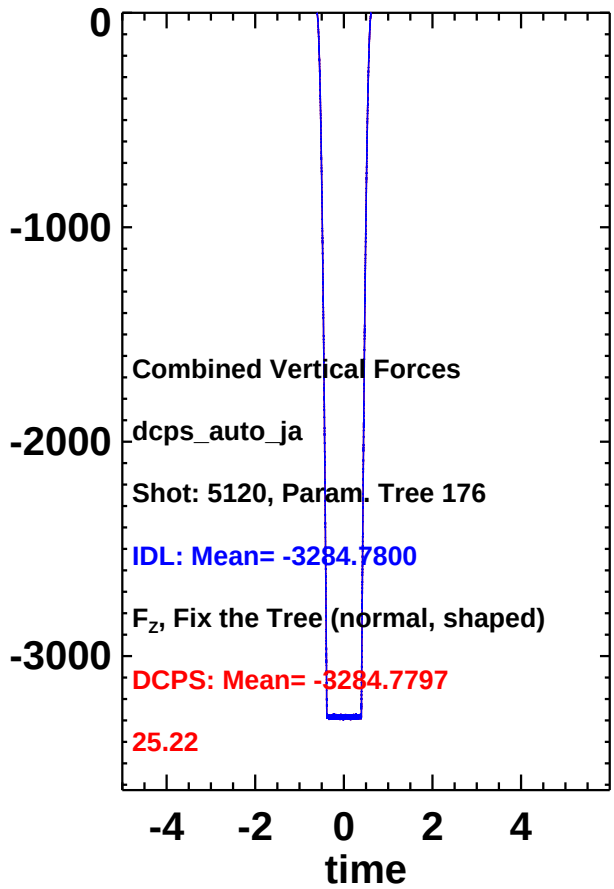

Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 30530.990
F_z, Fix the Tree (post. dis., circ.)
DCPS: Mean= 30530.991
26.19
$3\cdot10^4$
$2\cdot10^4$
$1\cdot10^4$
0
-4
-2
0
2
4
time

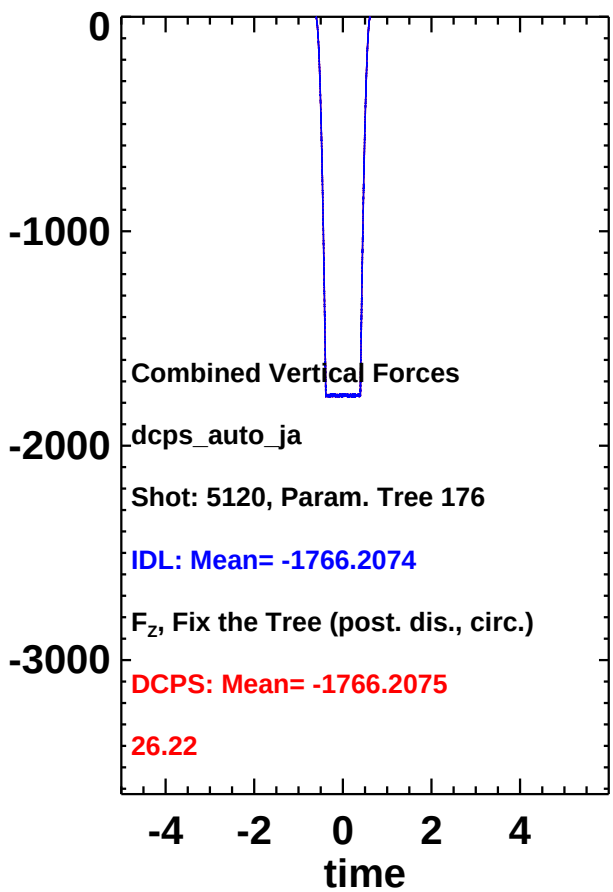

Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 34956.239
F_z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= 34956.240
27.19
$3\cdot10^4$
$2\cdot10^4$
$1\cdot10^4$
0
-4
-2
0
2
4
time

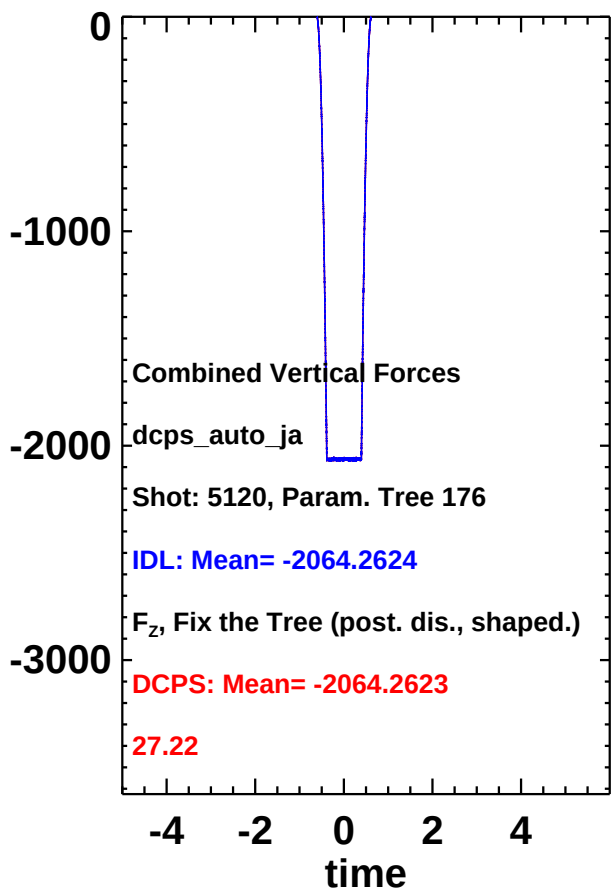

Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -9226.6505
F_z, Fix the Tree (normal, circular)
DCPS: Mean= -9226.6504
24.20
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -931.39037
F_z, Fix the Tree (normal, shaped)
DCPS: Mean= -931.39000
25.20
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 2770.4218
F_z, Fix the Tree (post. dis., circ.)
DCPS: Mean= 2770.4222
26.20
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 3574.7077
F_z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= 3574.7081
27.20
2000
0
-2000
-4000
-6000
-8000
-10000
-4
-2
0
2
4
time

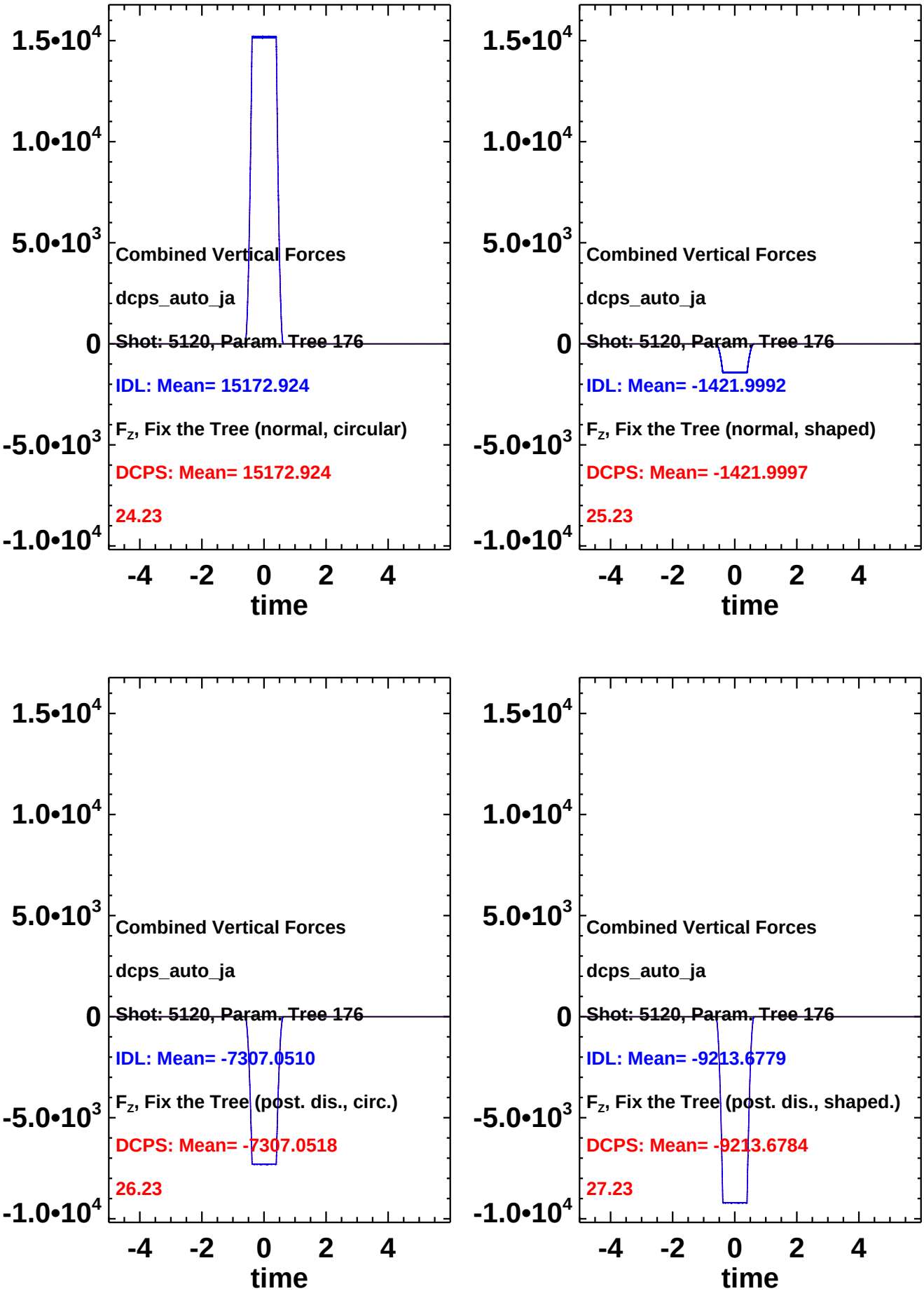

Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -5683.7167
F_z, Fix the Tree (normal, circular)
DCPS: Mean= -5683.7183
24.21
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -21580.540
F_z, Fix the Tree (normal, shaped)
DCPS: Mean= -21580.542
25.21
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -24707.089
F_z, Fix the Tree (post. dis., circ.)
DCPS: Mean= -24707.090
26.21
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -28831.666
F_z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= -28831.668
27.21
0
$-5.0\cdot10^3$
$-1.0\cdot10^4$
$-1.5\cdot10^4$
$-2.0\cdot10^4$
$-2.5\cdot10^4$
$-3.0\cdot10^4$
-4
-2
0
2
4
time

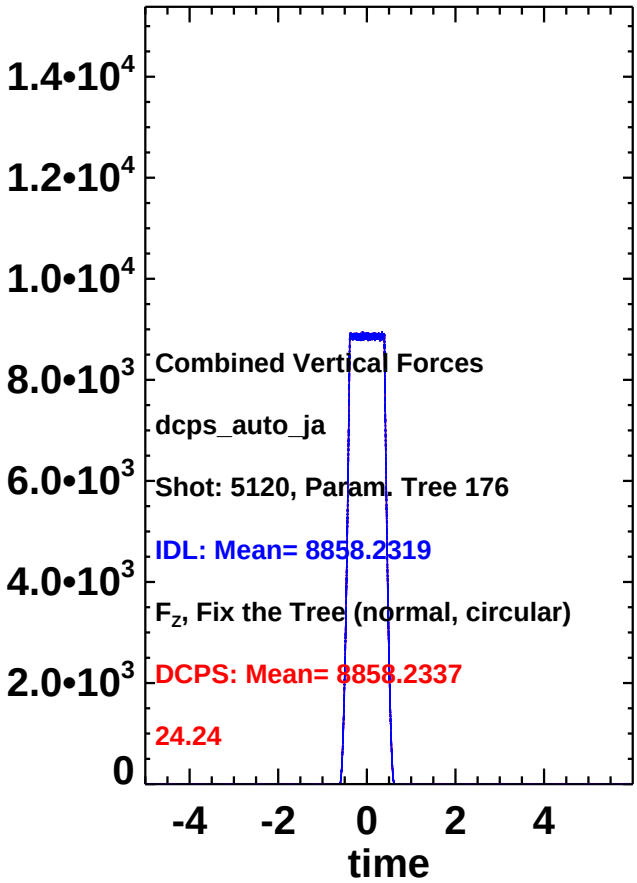

0
-1000
-2000
-3000
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -3280.3766
F_z, Fix the Tree (normal, circular)
DCPS: Mean= -3280.3763
24.22
-4
-2
0
2
4
time

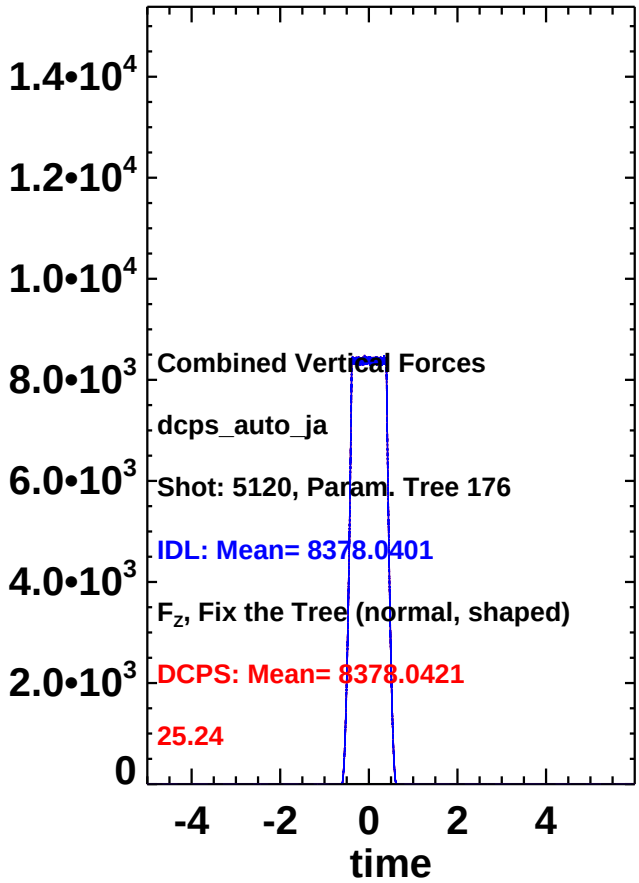

0
-1000
-2000
-3000
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -3284.7800
F_z, Fix the Tree (normal, shaped)
DCPS: Mean= -3284.7797
25.22
-4
-2
0
2
4
time

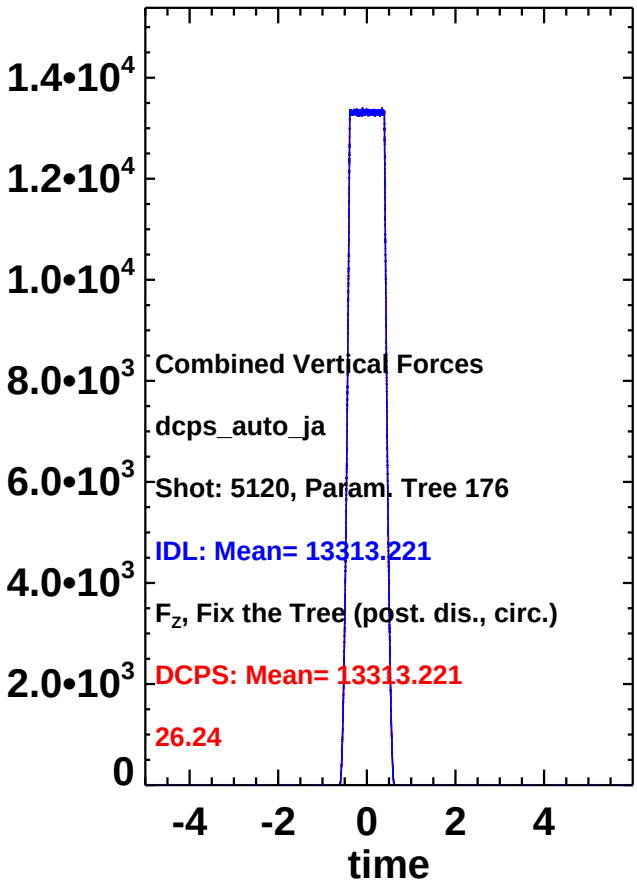

0
-1000
-2000
-3000
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -1766.2074
F_z, Fix the Tree (post. dis., circ.)
DCPS: Mean= -1766.2075
26.22
-4
-2
0
2
4
time

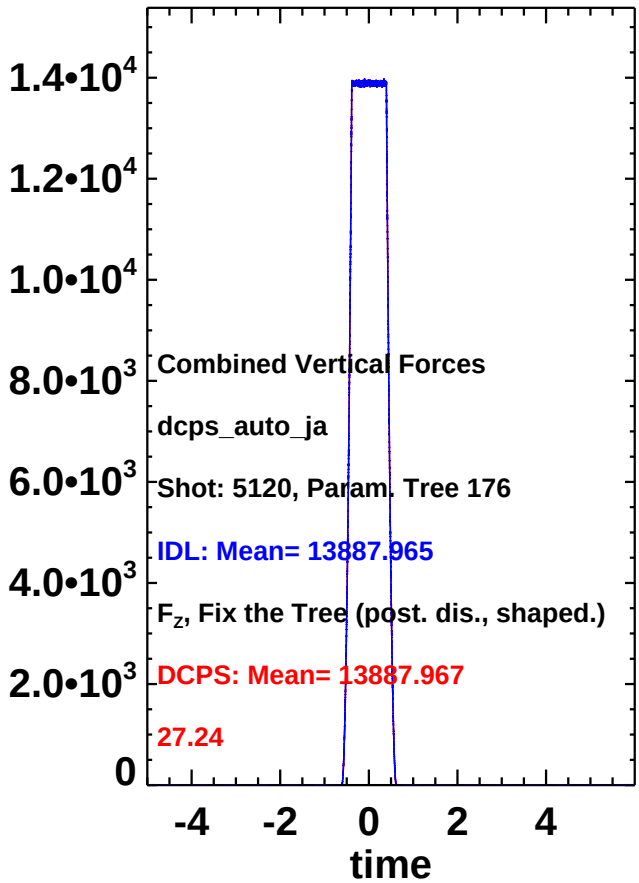

0
-1000
-2000
-3000
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -2064.2624
F_z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= -2064.2623
27.22
-4
-2
0
2
4
time

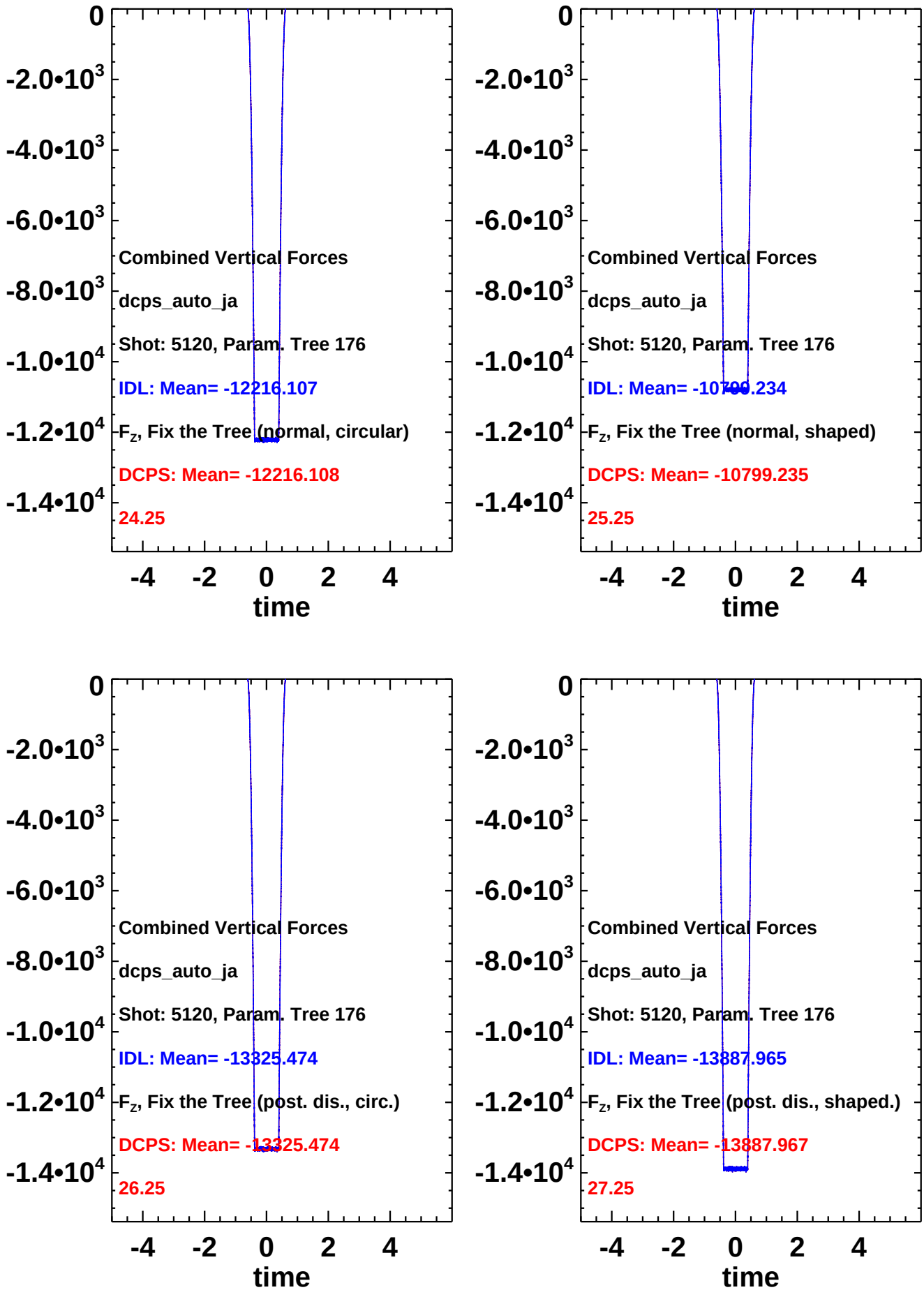

Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 15172.924
F_z, Fix the Tree (normal, circular)
DCPS: Mean= 15172.924
24.23
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -1421.9992
F_z, Fix the Tree (normal, shaped)
DCPS: Mean= -1421.9997
25.23
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -7307.0510
F_z, Fix the Tree (post. dis., circ.)
DCPS: Mean= -7307.0518
26.23
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -9213.6779
F_z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= -9213.6784
27.23
$1.5\cdot10^4$
$1.0\cdot10^4$
$5.0\cdot10^3$
0
$-5.0\cdot10^3$
$-1.0\cdot10^4$
-4
-2
0
2
4
time


Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 8858.2319
F_z, Fix the Tree (normal, circular)
DCPS: Mean= 8858.2337
24.24
time


Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 8378.0401
F_z, Fix the Tree (normal, shaped)
DCPS: Mean= 8378.0421
25.24
time


Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 13313.221
F_z, Fix the Tree (post. dis., circ.)
DCPS: Mean= 13313.221
26.24
time


Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= 13887.965
F_z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= 13887.967
27.24
time


Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -12216.107
F_z, Fix the Tree (normal, circular)
DCPS: Mean= -12216.108
24.25
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -10799.234
F_z, Fix the Tree (normal, shaped)
DCPS: Mean= -10799.235
25.25
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -13325.474
F_z, Fix the Tree (post. dis., circ.)
DCPS: Mean= -13325.474
26.25
Combined Vertical Forces
dcps_auto_ja
Shot: 5120, Param. Tree 176
IDL: Mean= -13887.965
F_z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= -13887.967
27.25
0
$-2.0\cdot10^3$
$-4.0\cdot10^3$
$-6.0\cdot10^3$
$-8.0\cdot10^3$
$-1.0\cdot10^4$
$-1.2\cdot10^4$
$-1.4\cdot10^4$
-4
-2
0
2
4
time