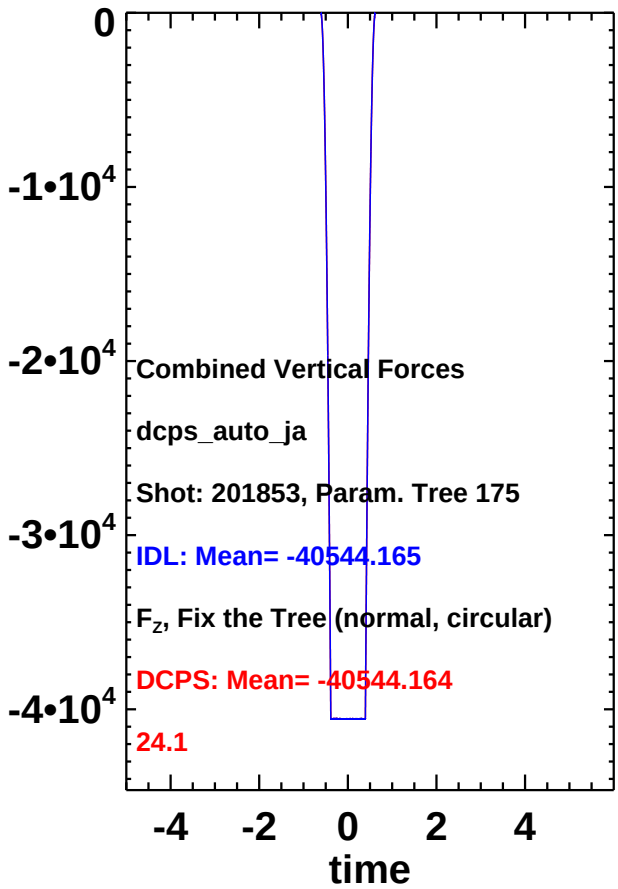
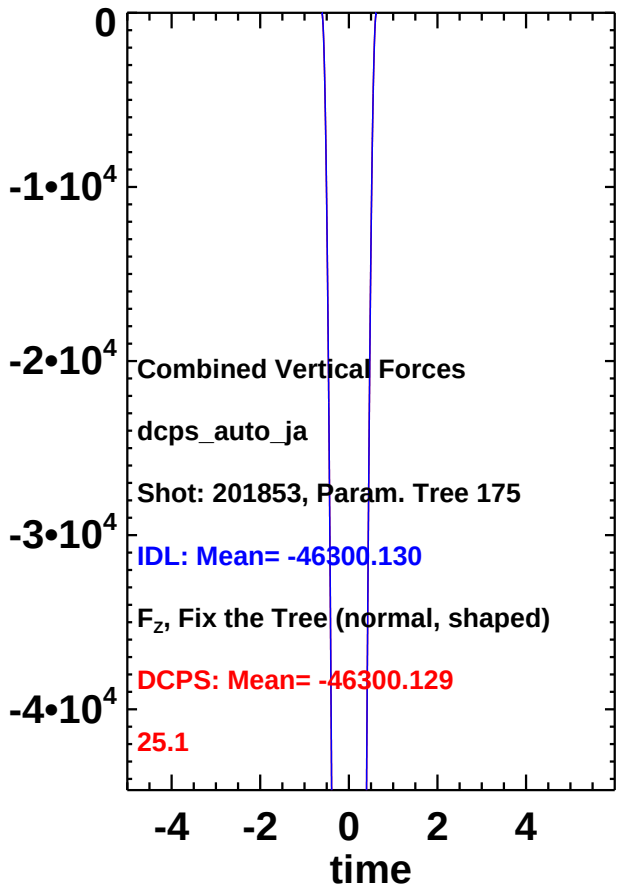
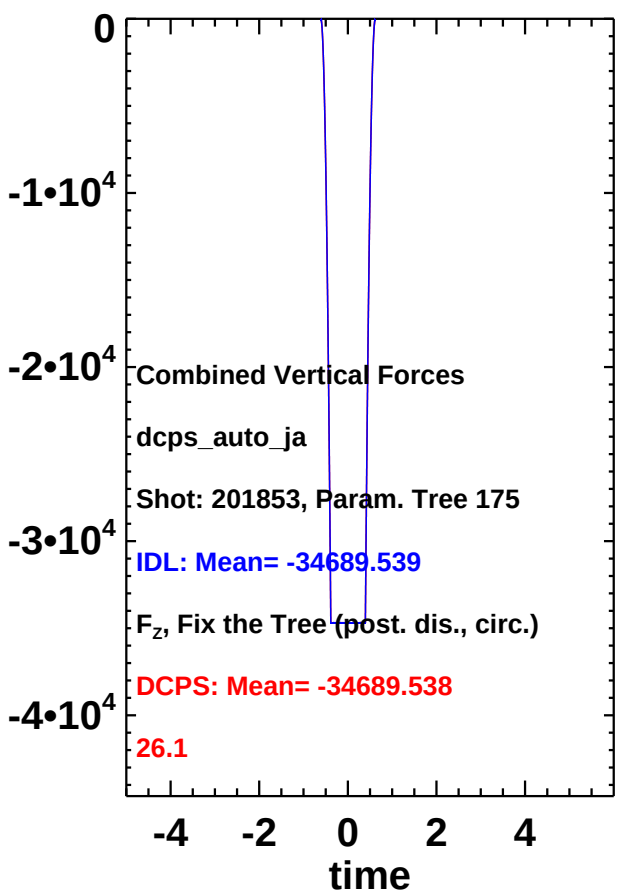
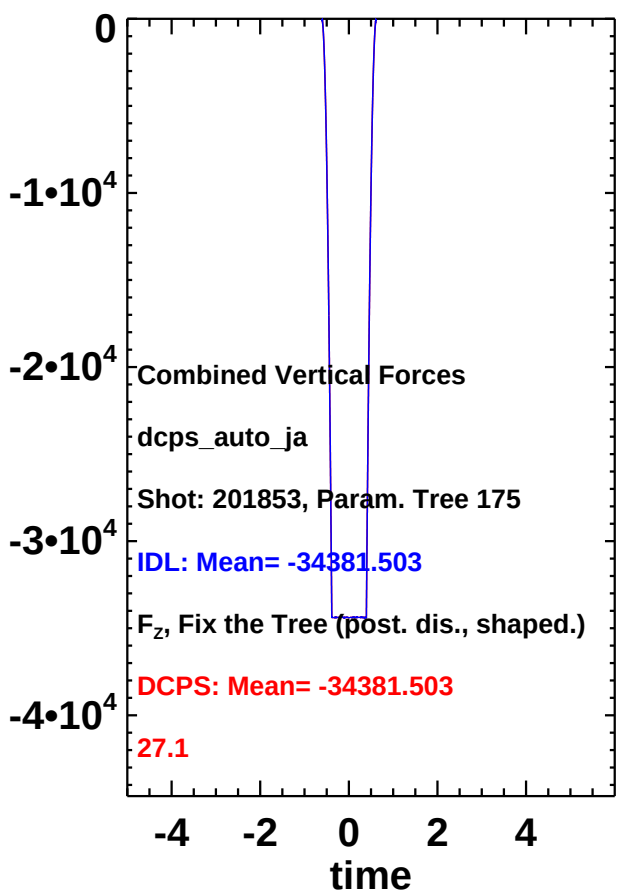
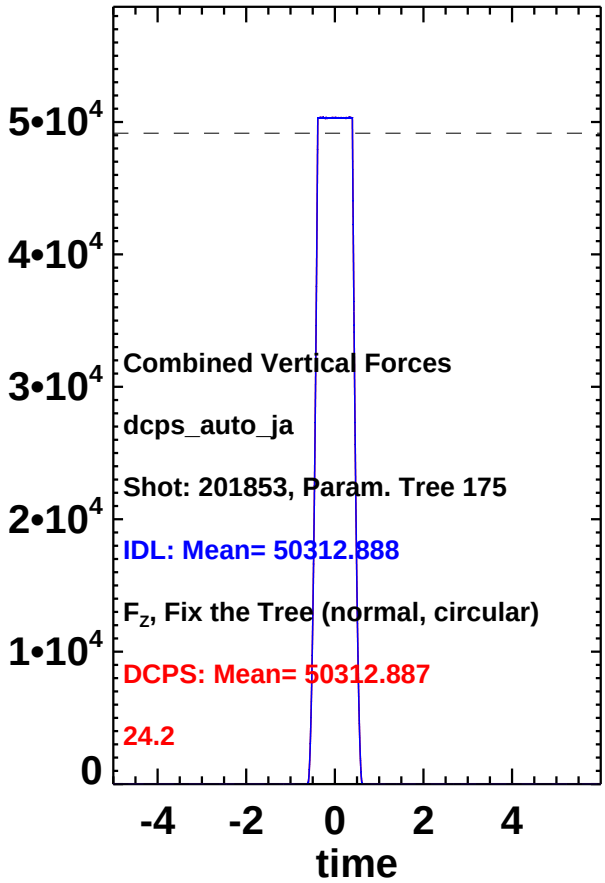
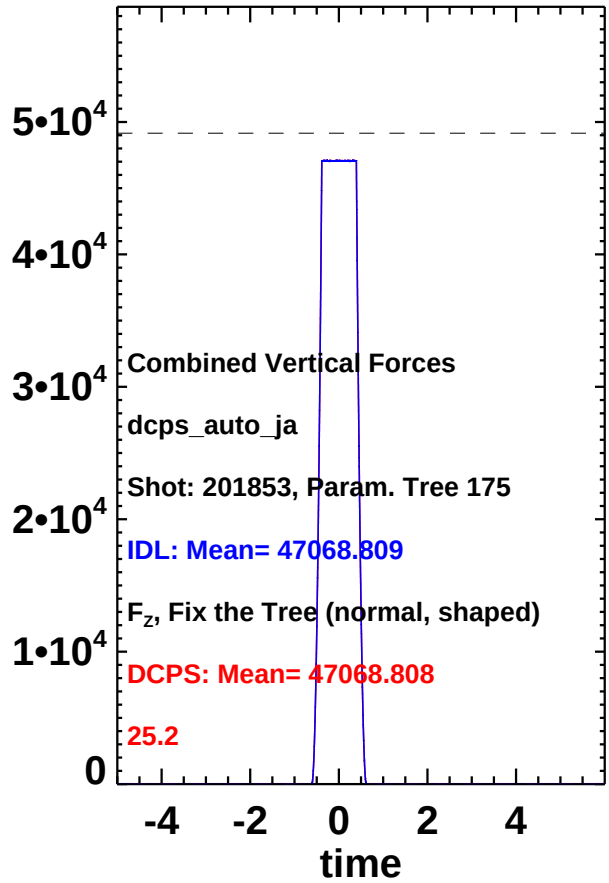

0
-1•10^4
-2•10^4
-3•10^4
-4•10^4
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -40544.165
F_Z, Fix the Tree (normal, circular)
DCPS: Mean= -40544.164
24.1
-4 -2 0 2 4
time

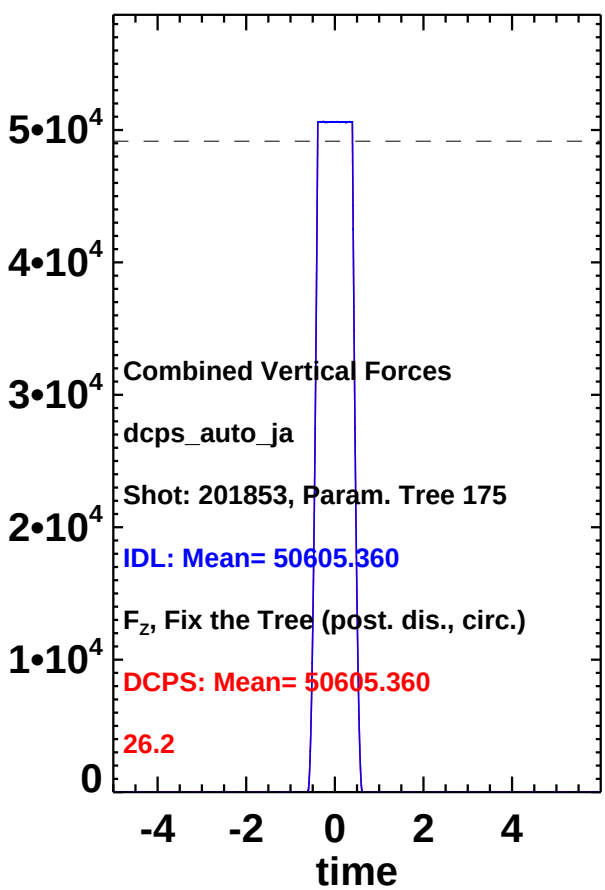

0
-1•10^4
-2•10^4
-3•10^4
-4•10^4
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -46300.130
F_Z, Fix the Tree (normal, shaped)
DCPS: Mean= -46300.129
25.1
-4 -2 0 2 4
time

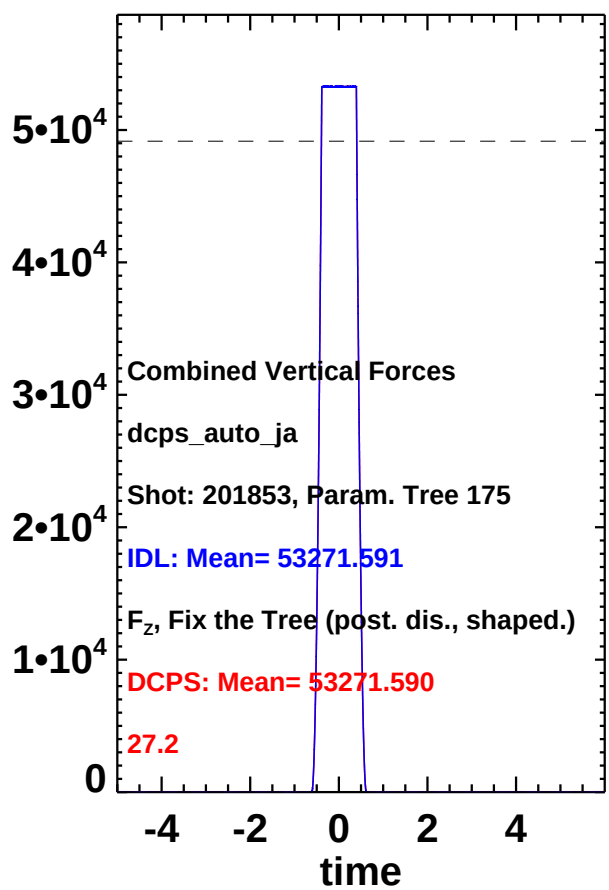

0
-1•10^4
-2•10^4
-3•10^4
-4•10^4
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -34689.539
F_Z, Fix the Tree (post. dis., circ.)
DCPS: Mean= -34689.538
26.1
-4 -2 0 2 4
time

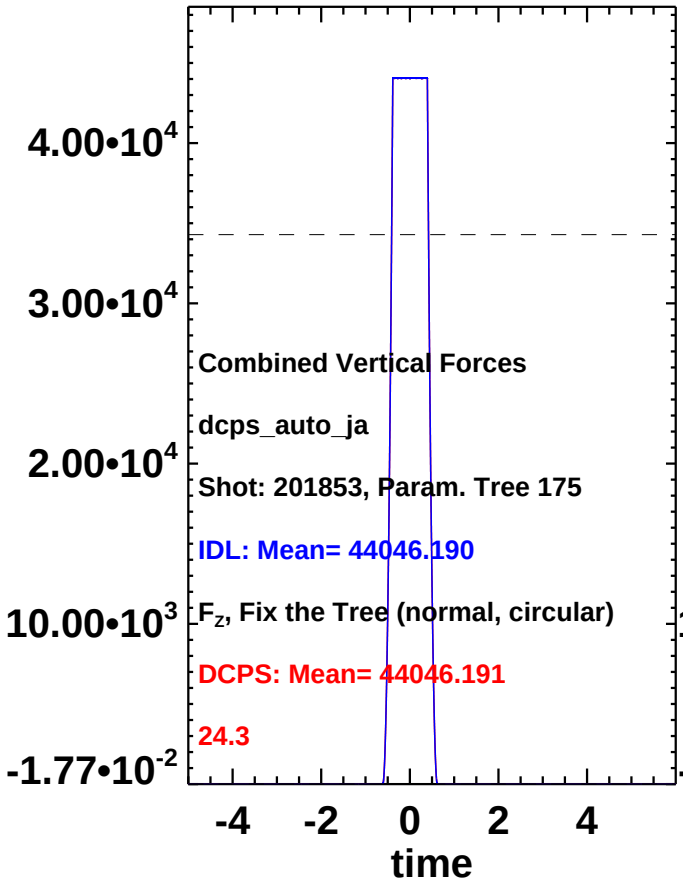

0
-1•10^4
-2•10^4
-3•10^4
-4•10^4
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -34381.503
F_Z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= -34381.503
27.1
-4 -2 0 2 4
time

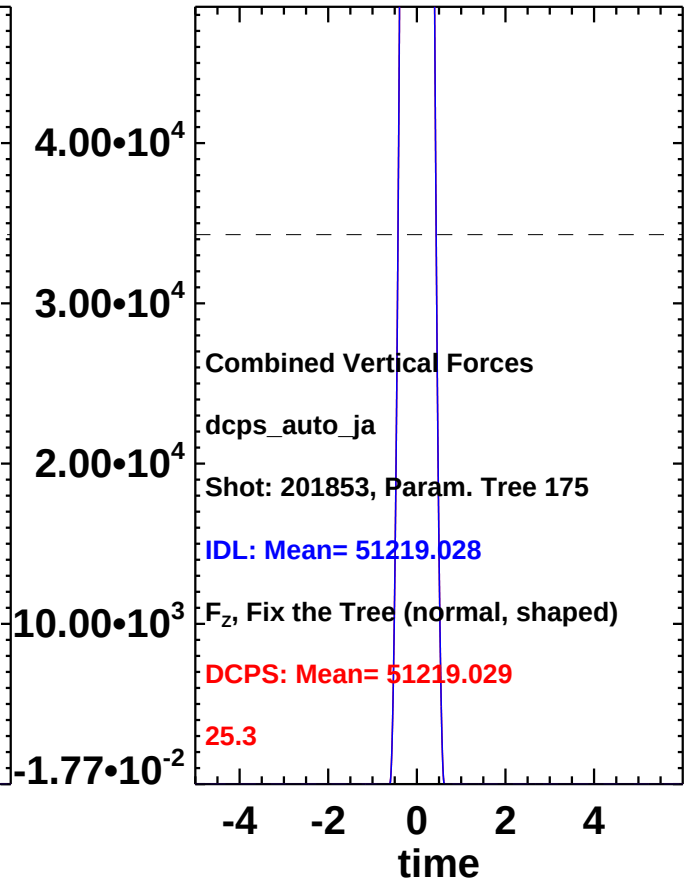

Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= 50312.888
F_z, Fix the Tree (normal, circular)
DCPS: Mean= 50312.887
24.2
5•10^4
4•10^4
3•10^4
2•10^4
1•10^4
0
-4
-2
0
2
4
time

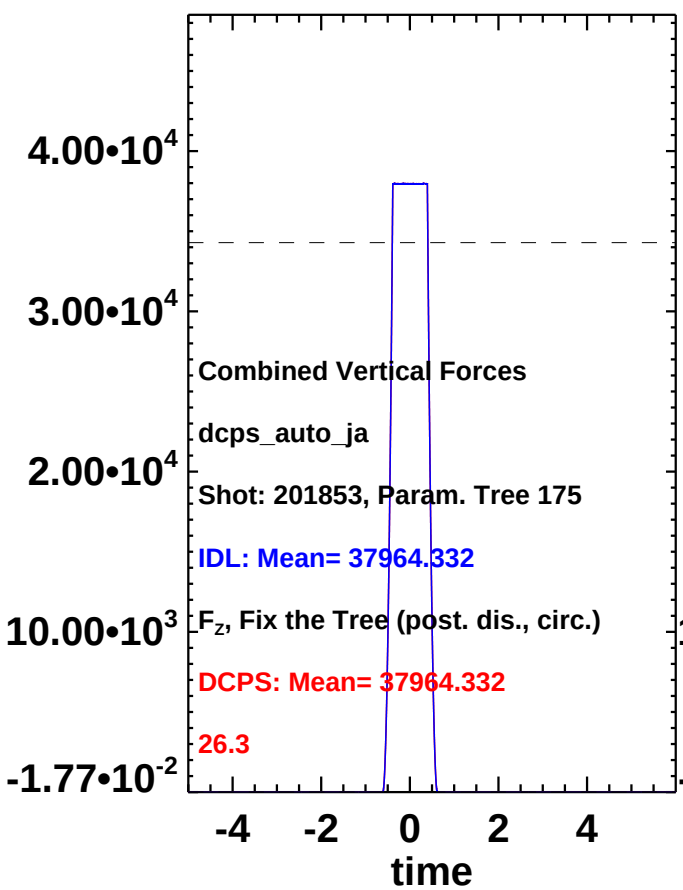

Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= 47068.809
F_z, Fix the Tree (normal, shaped)
DCPS: Mean= 47068.808
25.2
5•10^4
4•10^4
3•10^4
2•10^4
1•10^4
0
-4
-2
0
2
4
time

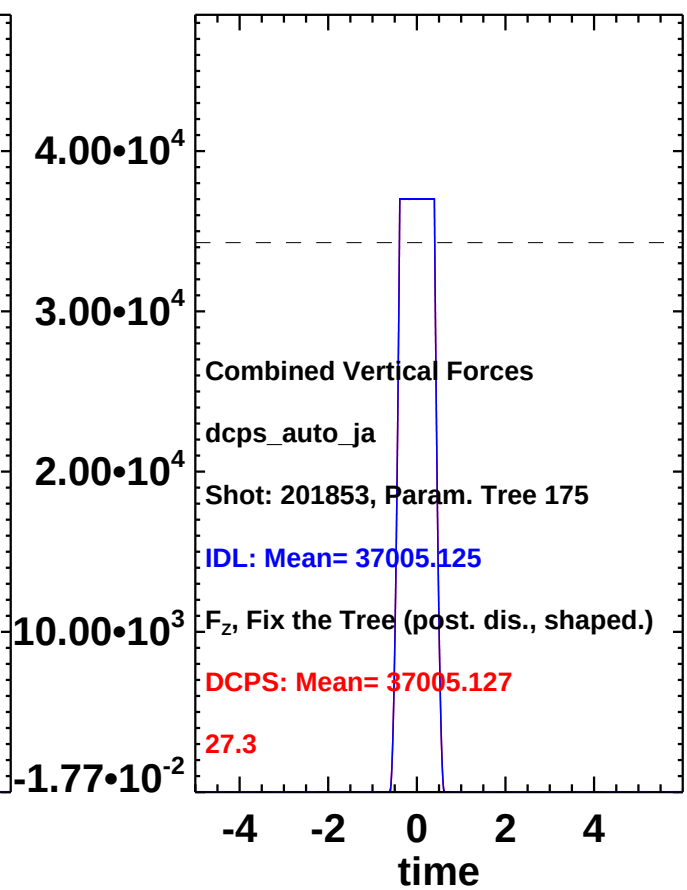

Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= 50605.360
F_z, Fix the Tree (post. dis., circ.)
DCPS: Mean= 50605.360
26.2
5•10^4
4•10^4
3•10^4
2•10^4
1•10^4
0
-4
-2
0
2
4
time

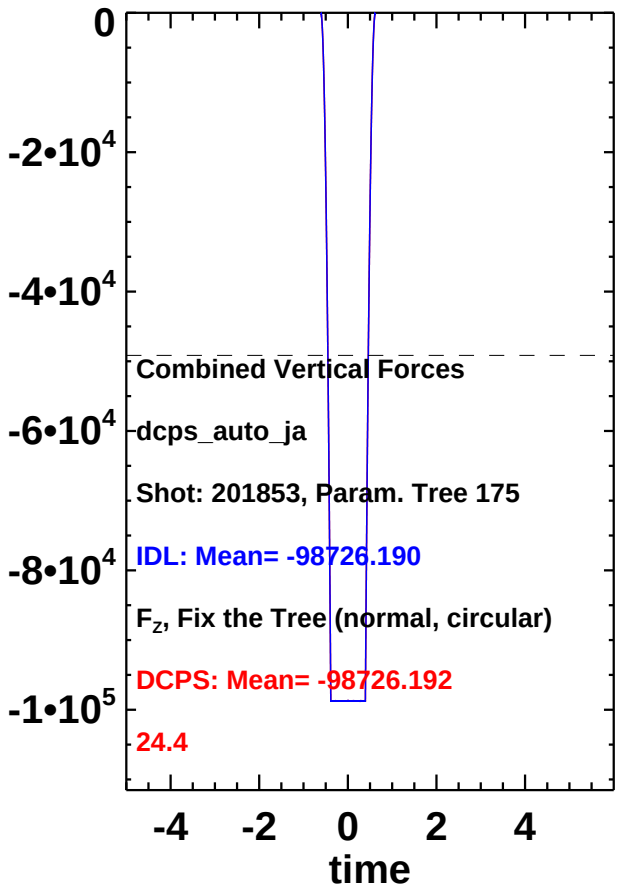

Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= 53271.591
F_z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= 53271.590
27.2
5•10^4
4•10^4
3•10^4
2•10^4
1•10^4
0
-4
-2
0
2
4
time

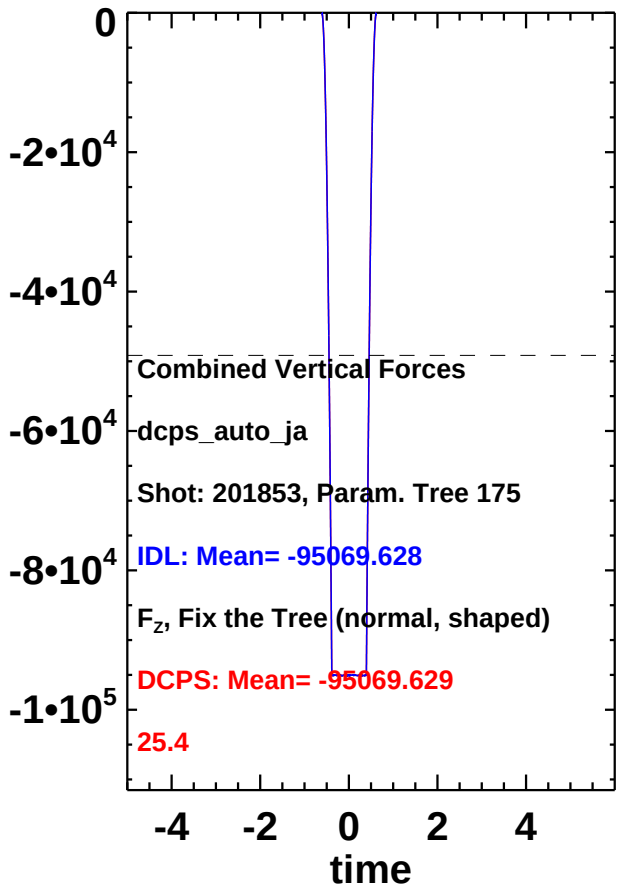

4.00•10^4
3.00•10^4
2.00•10^4
10.00•10^3
-1.77•10^-2
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= 44046.190
F_Z, Fix the Tree (normal, circular)
DCPS: Mean= 44046.191
24.3
-4
-2
0
2
4
time

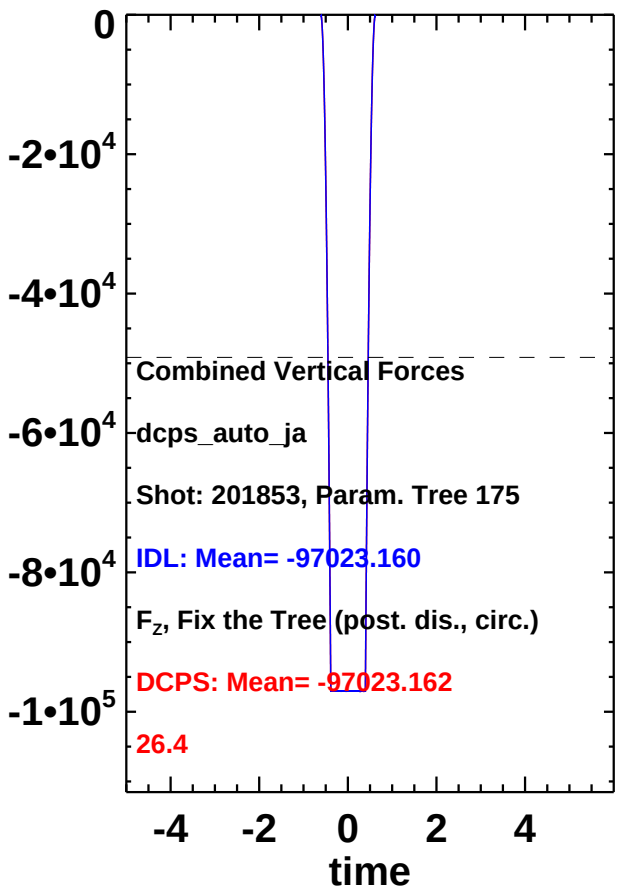

4.00•10^4
3.00•10^4
2.00•10^4
10.00•10^3
-1.77•10^-2
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= 51219.028
F_Z, Fix the Tree (normal, shaped)
DCPS: Mean= 51219.029
25.3
-4
-2
0
2
4
time

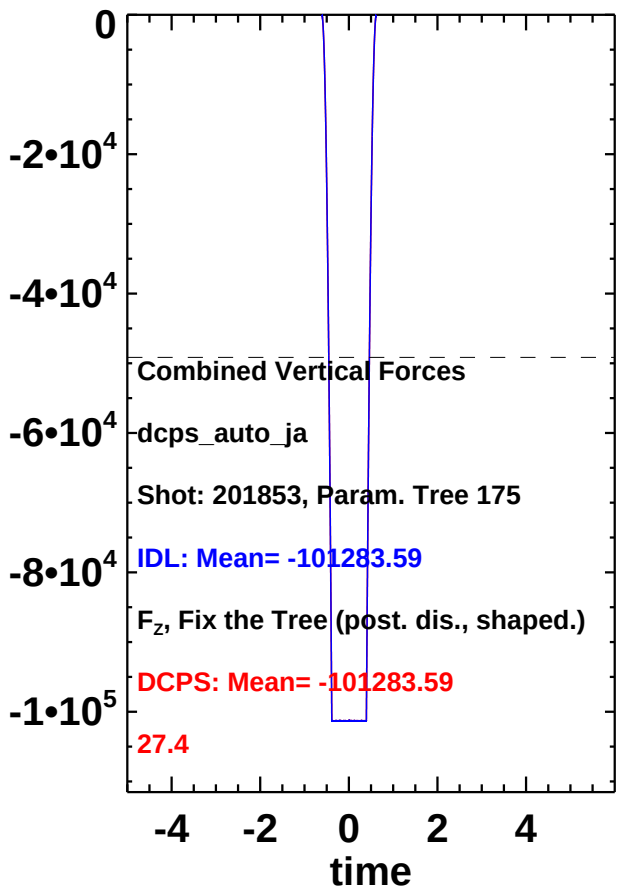

4.00•10^4
3.00•10^4
2.00•10^4
10.00•10^3
-1.77•10^-2
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= 37964.332
F_Z, Fix the Tree (post. dis., circ.)
DCPS: Mean= 37964.332
26.3
-4
-2
0
2
4
time

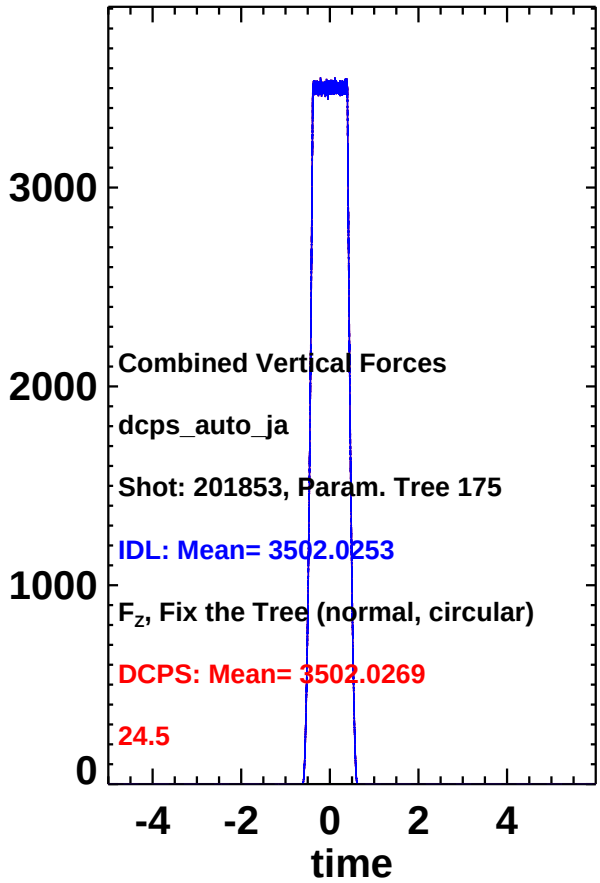

4.00•10^4
3.00•10^4
2.00•10^4
10.00•10^3
-1.77•10^-2
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= 37005.125
F_Z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= 37005.127
27.3
-4
-2
0
2
4
time

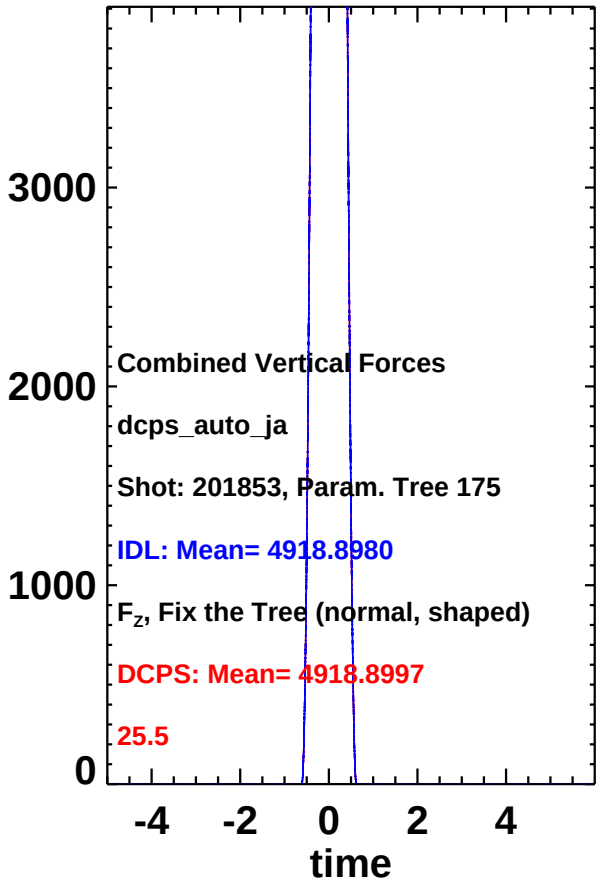

Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -98726.190
F_z, Fix the Tree (normal, circular)
DCPS: Mean= -98726.192
24.4
time

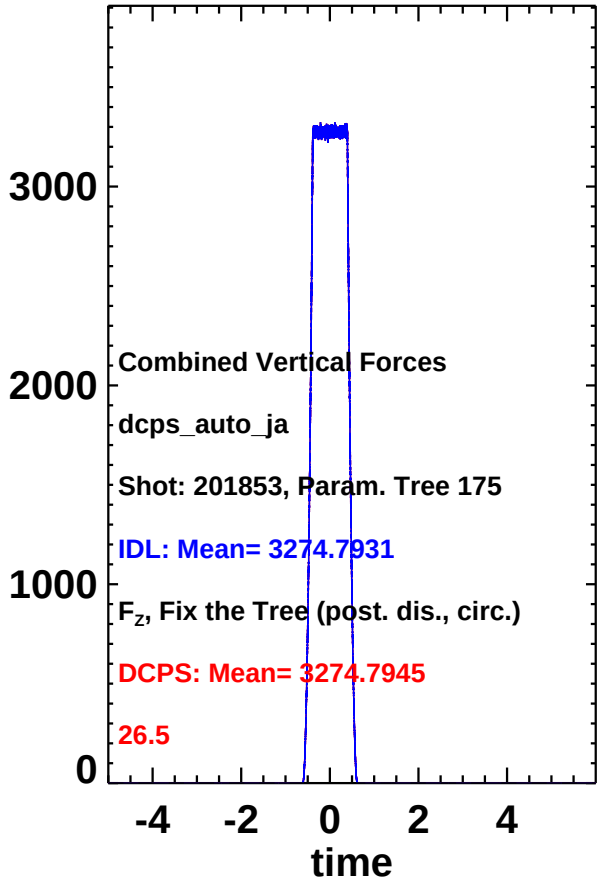

Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -95069.628
F_z, Fix the Tree (normal, shaped)
DCPS: Mean= -95069.629
25.4
time

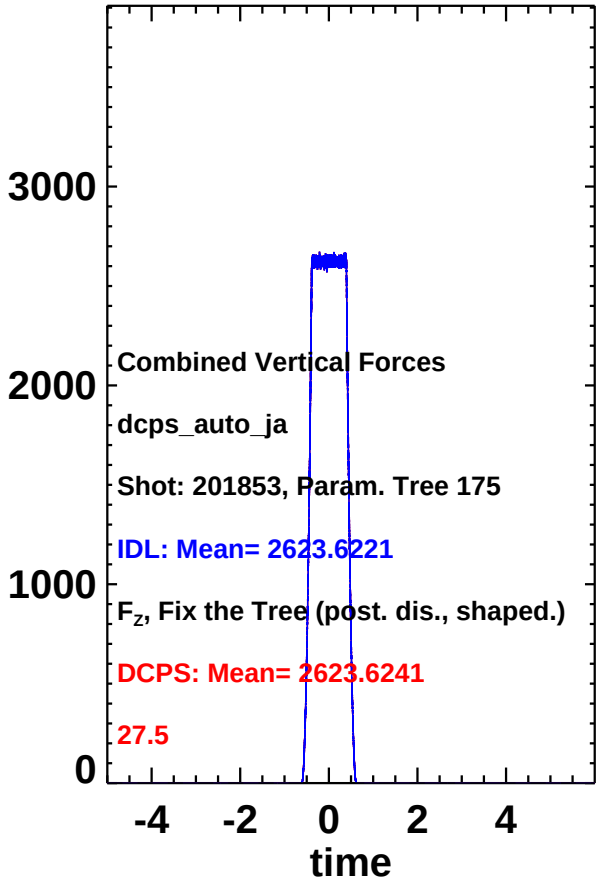

Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -97023.160
F_z, Fix the Tree (post. dis., circ.)
DCPS: Mean= -97023.162
26.4
time

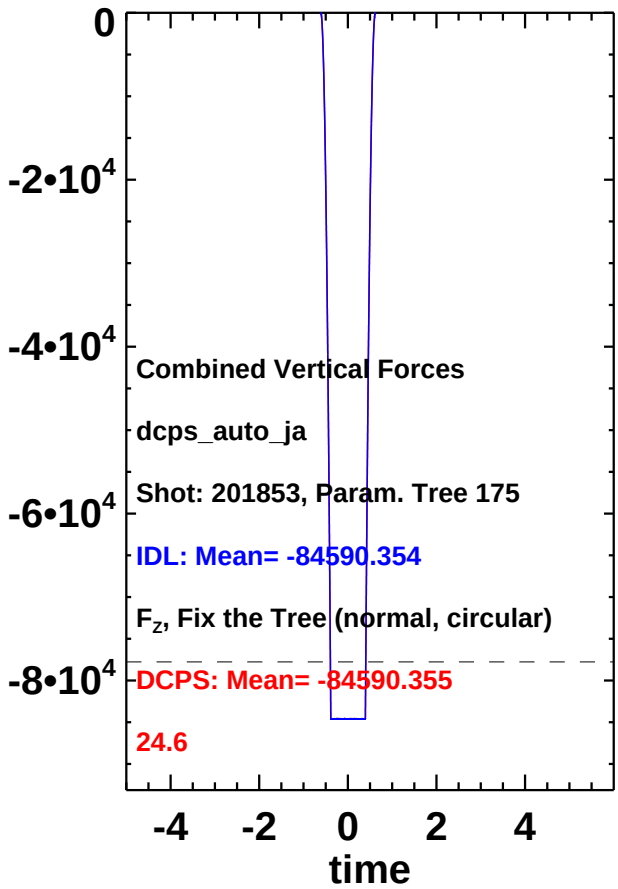

Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -101283.59
F_z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= -101283.59
27.4
time

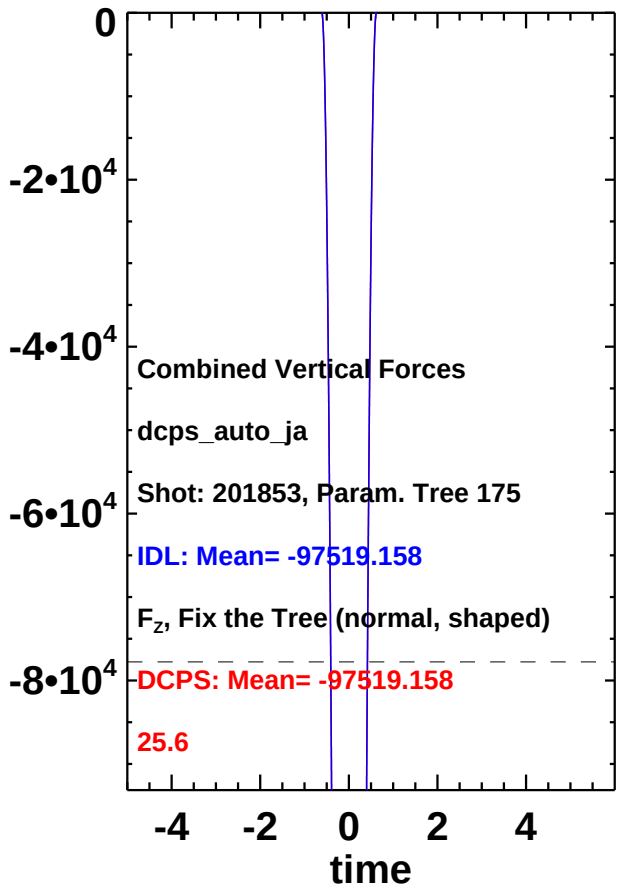

Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= 3502.0253
F_z, Fix the Tree (normal, circular)
DCPS: Mean= 3502.0269
24.5
3000
2000
1000
0
-4
-2
0
2
4
time

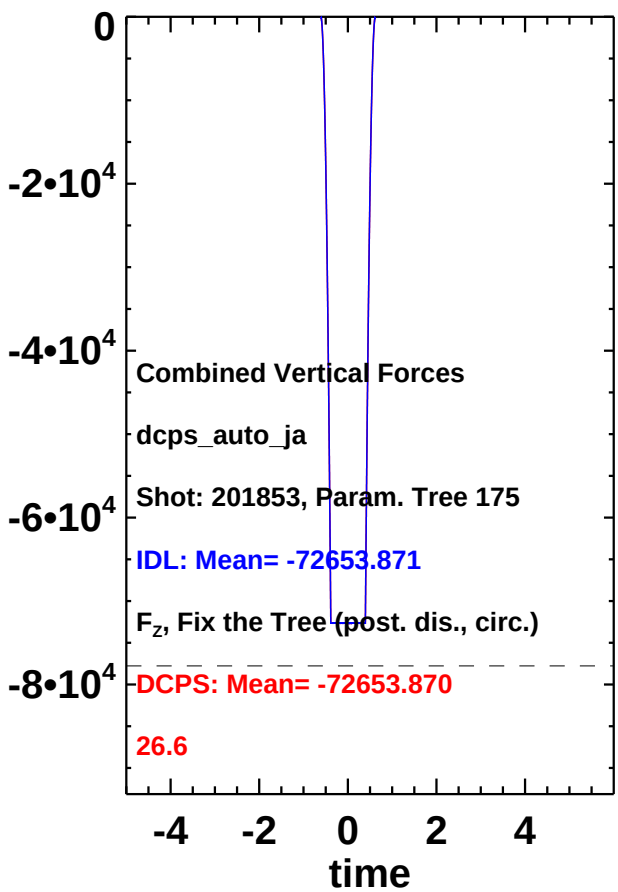

Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= 4918.8980
F_z, Fix the Tree (normal, shaped)
DCPS: Mean= 4918.8997
25.5
3000
2000
1000
0
-4
-2
0
2
4
time

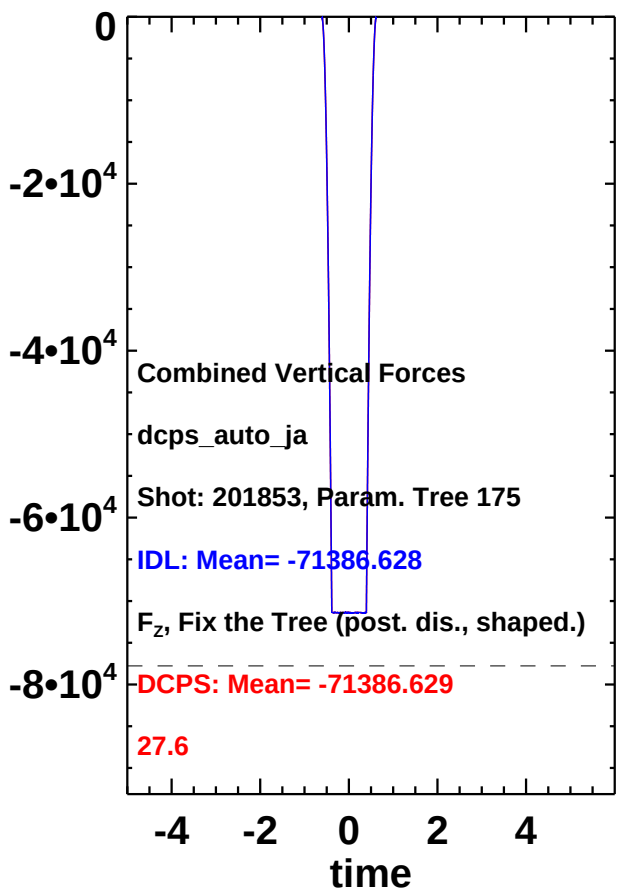

Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= 3274.7931
F_z, Fix the Tree (post. dis., circ.)
DCPS: Mean= 3274.7945
26.5
3000
2000
1000
0
-4
-2
0
2
4
time

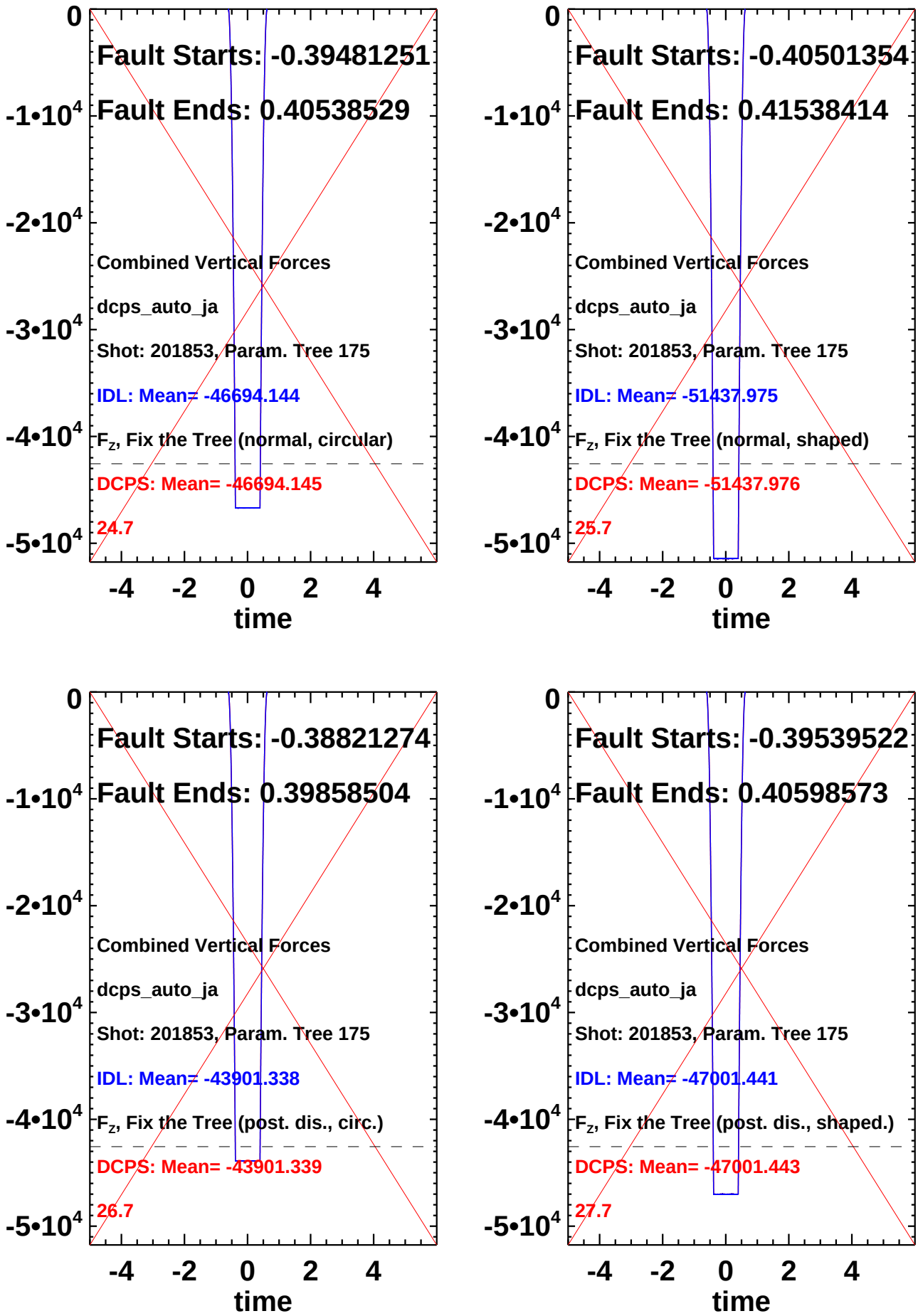

Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= 2623.6221
F_z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= 2623.6241
27.5
3000
2000
1000
0
-4
-2
0
2
4
time

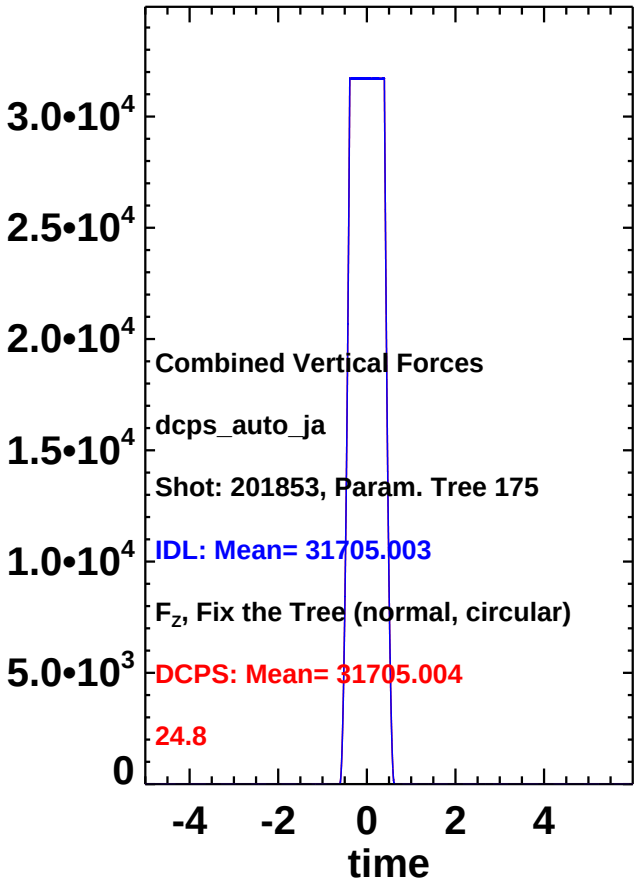

0
-2•10^4
-4•10^4
-6•10^4
-8•10^4
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -84590.354
F_z, Fix the Tree (normal, circular)
DCPS: Mean= -84590.355
24.6
-4 -2 0 2 4
time

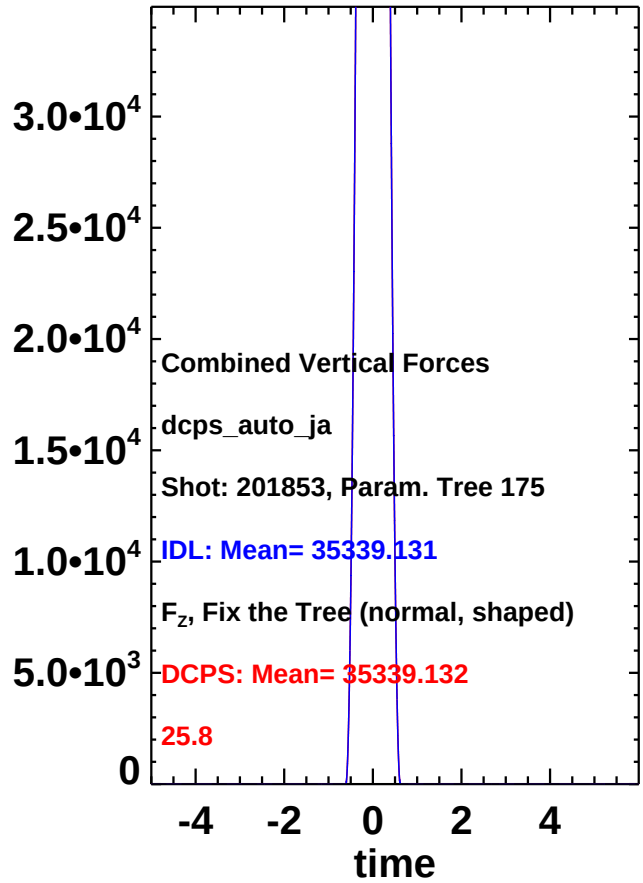

0
-2•10^4
-4•10^4
-6•10^4
-8•10^4
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -97519.158
F_z, Fix the Tree (normal, shaped)
DCPS: Mean= -97519.158
25.6
-4 -2 0 2 4
time

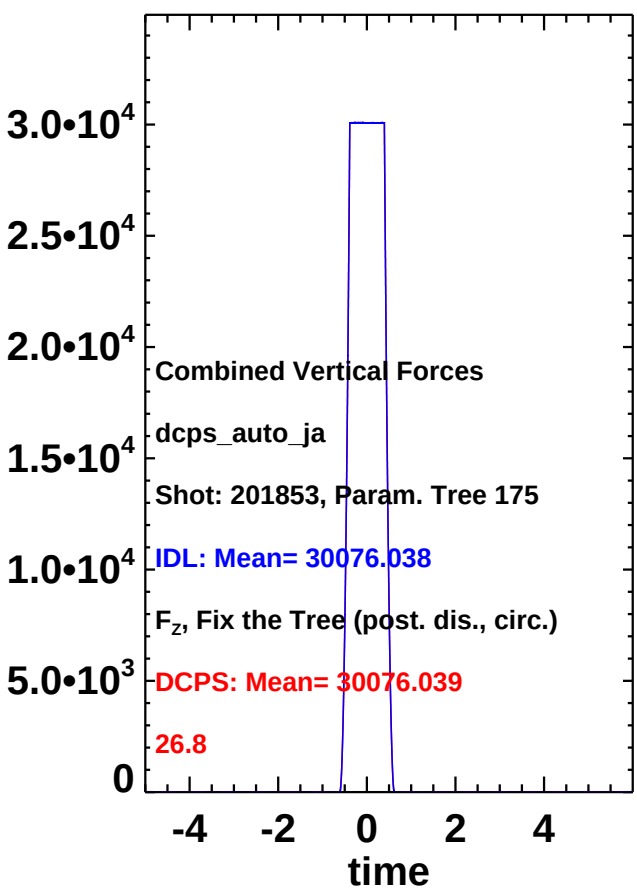

0
-2•10^4
-4•10^4
-6•10^4
-8•10^4
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -72653.871
F_z, Fix the Tree (post. dis., circ.)
DCPS: Mean= -72653.870
26.6
-4 -2 0 2 4
time

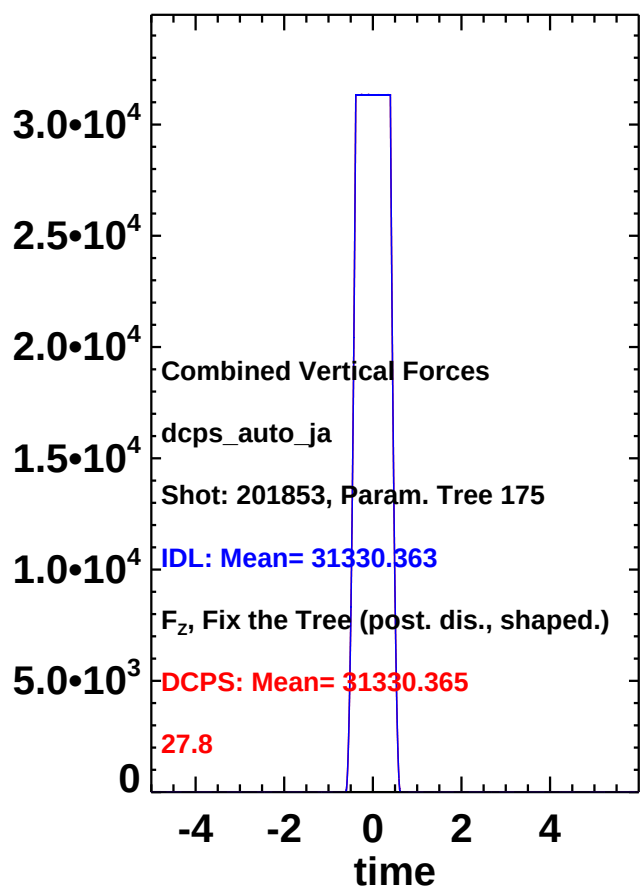

0
-2•10^4
-4•10^4
-6•10^4
-8•10^4
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -71386.628
F_z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= -71386.629
27.6
-4 -2 0 2 4
time

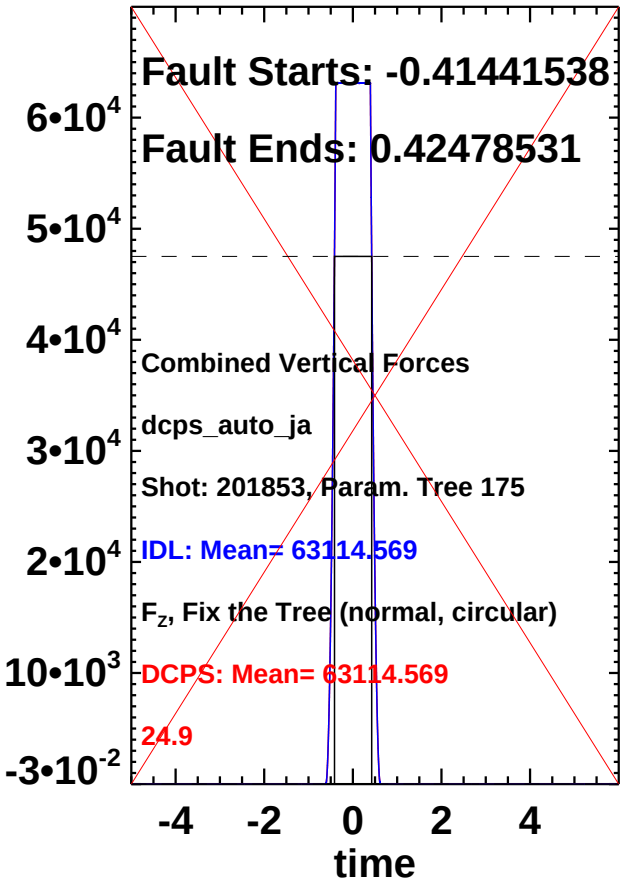

Fault Starts: -0.39481251
Fault Ends: 0.40538529
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -46694.144
F_z, Fix the Tree (normal, circular)
DCPS: Mean= -46694.145
24.7
Fault Starts: -0.40501354
Fault Ends: 0.41538414
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -51437.975
F_z, Fix the Tree (normal, shaped)
DCPS: Mean= -51437.976
25.7
Fault Starts: -0.38821274
Fault Ends: 0.39858504
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -43901.338
F_z, Fix the Tree (post. dis., circ.)
DCPS: Mean= -43901.339
26.7
Fault Starts: -0.39539522
Fault Ends: 0.40598573
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -47001.441
F_z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= -47001.443
27.7
0
$-1\cdot10^4$
$-2\cdot10^4$
$-3\cdot10^4$
$-4\cdot10^4$
$-5\cdot10^4$
-4
-2
0
2
4
time

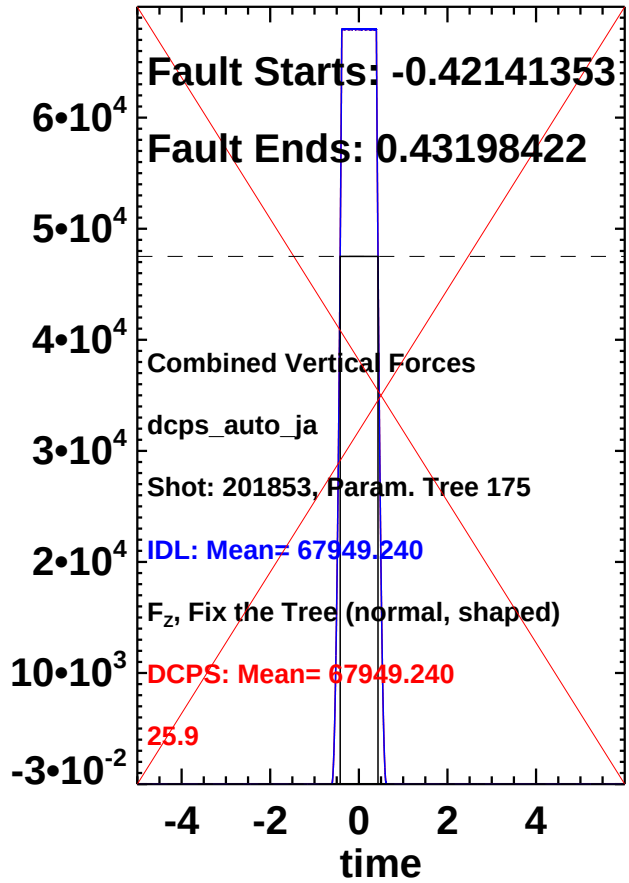

Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= 31705.003
F_z, Fix the Tree (normal, circular)
DCPS: Mean= 31705.004
24.8
3.0•10^4
2.5•10^4
2.0•10^4
1.5•10^4
1.0•10^4
5.0•10^3
0
-4
-2
0
2
4
time

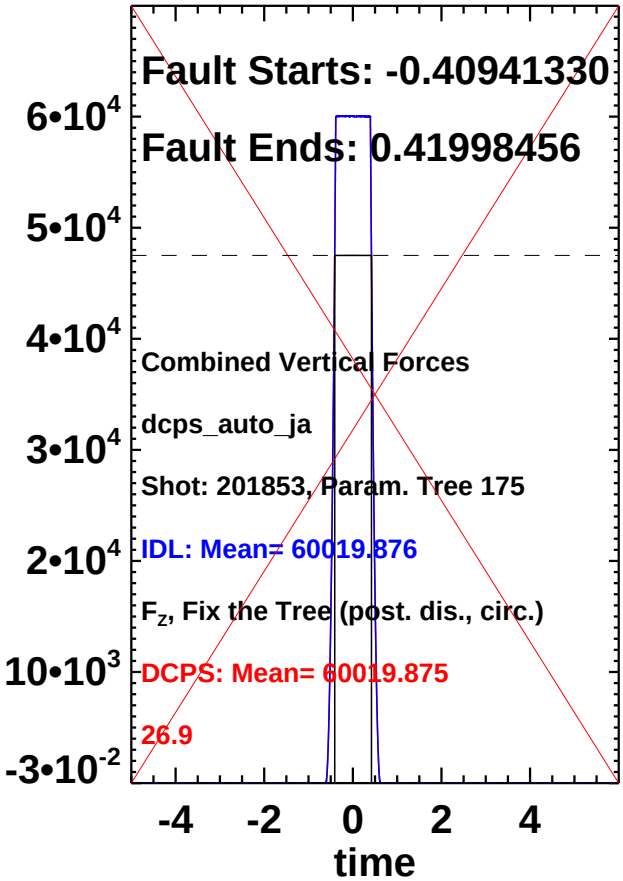

Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= 35339.131
F_z, Fix the Tree (normal, shaped)
DCPS: Mean= 35339.132
25.8
3.0•10^4
2.5•10^4
2.0•10^4
1.5•10^4
1.0•10^4
5.0•10^3
0
-4
-2
0
2
4
time

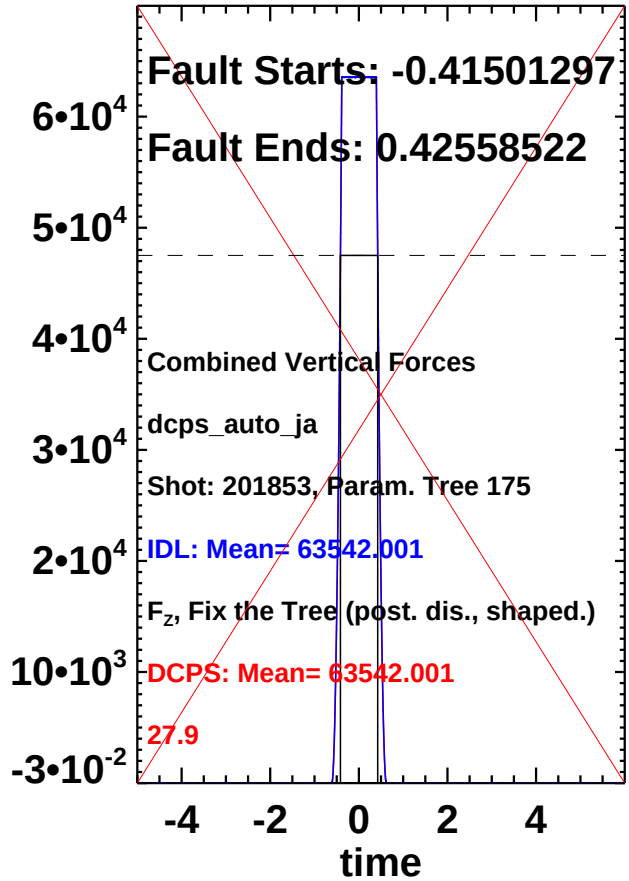

Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= 30076.038
F_z, Fix the Tree (post. dis., circ.)
DCPS: Mean= 30076.039
26.8
3.0•10^4
2.5•10^4
2.0•10^4
1.5•10^4
1.0•10^4
5.0•10^3
0
-4
-2
0
2
4
time

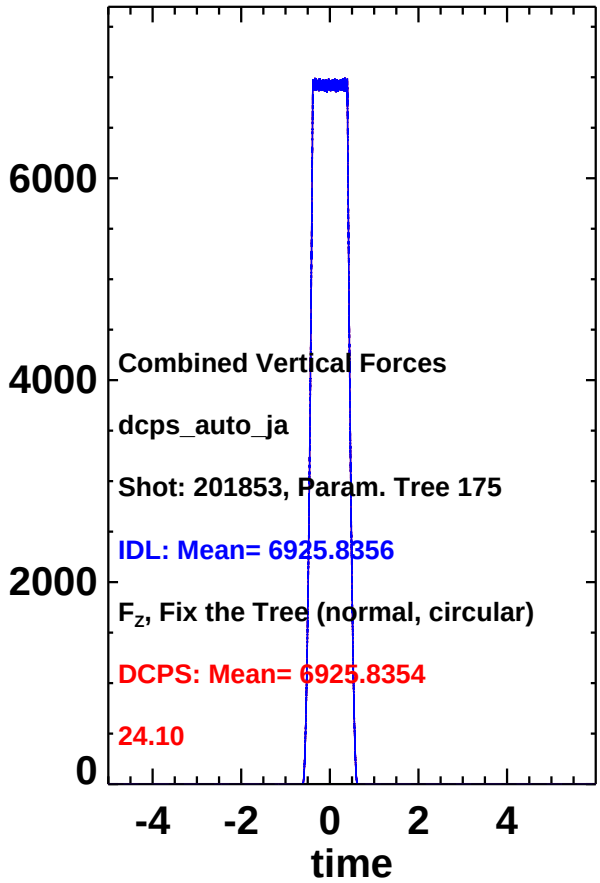

Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= 31330.363
F_z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= 31330.365
27.8
3.0•10^4
2.5•10^4
2.0•10^4
1.5•10^4
1.0•10^4
5.0•10^3
0
-4
-2
0
2
4
time

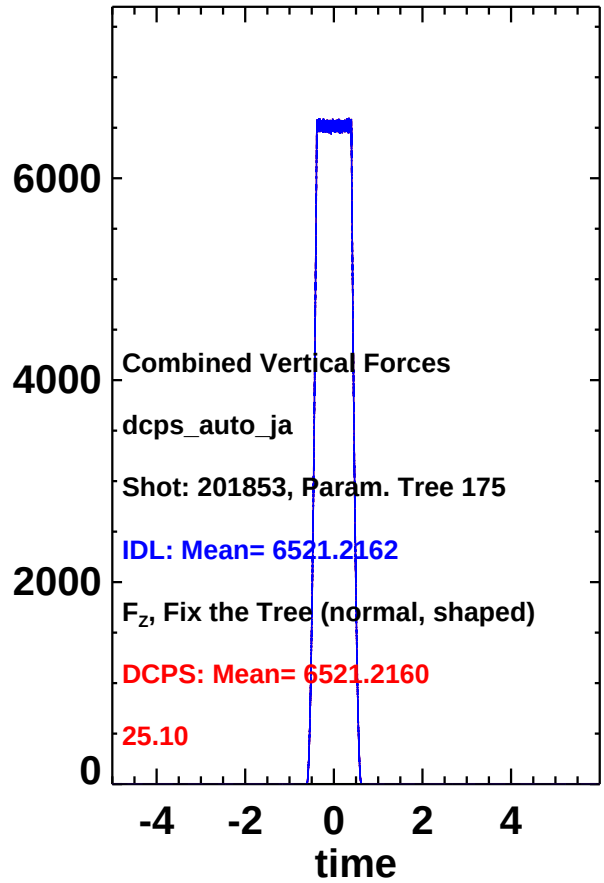

Fault Starts: -0.41441538
Fault Ends: 0.42478531
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= 63114.569
F_z, Fix the Tree (normal, circular)
DCPS: Mean= 63114.569
24.9
6•10^4
5•10^4
4•10^4
3•10^4
2•10^4
10•10^3
-3•10^-2
-4
-2
0
2
4
time

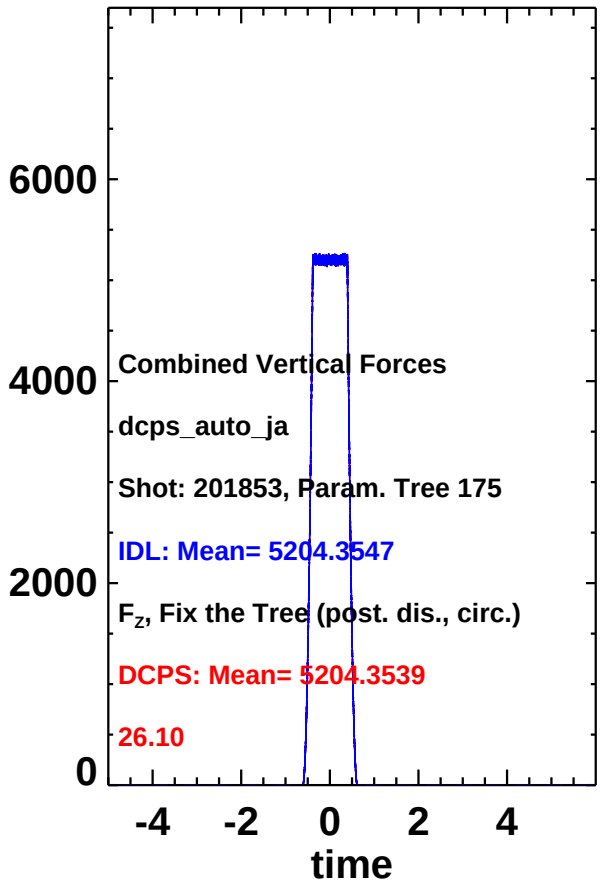

Fault Starts: -0.42141353
Fault Ends: 0.43198422
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= 67949.240
F_z, Fix the Tree (normal, shaped)
DCPS: Mean= 67949.240
25.9
6•10^4
5•10^4
4•10^4
3•10^4
2•10^4
10•10^3
-3•10^-2
-4
-2
0
2
4
time

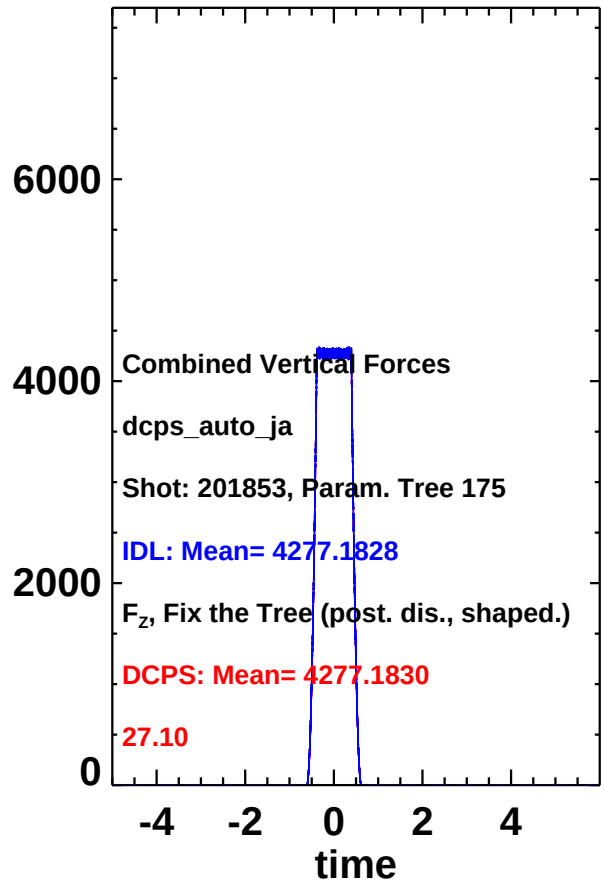

Fault Starts: -0.40941330
Fault Ends: 0.41998456
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= 60019.876
F_z, Fix the Tree (post. dis., circ.)
DCPS: Mean= 60019.875
26.9
6•10^4
5•10^4
4•10^4
3•10^4
2•10^4
10•10^3
-3•10^-2
-4
-2
0
2
4
time

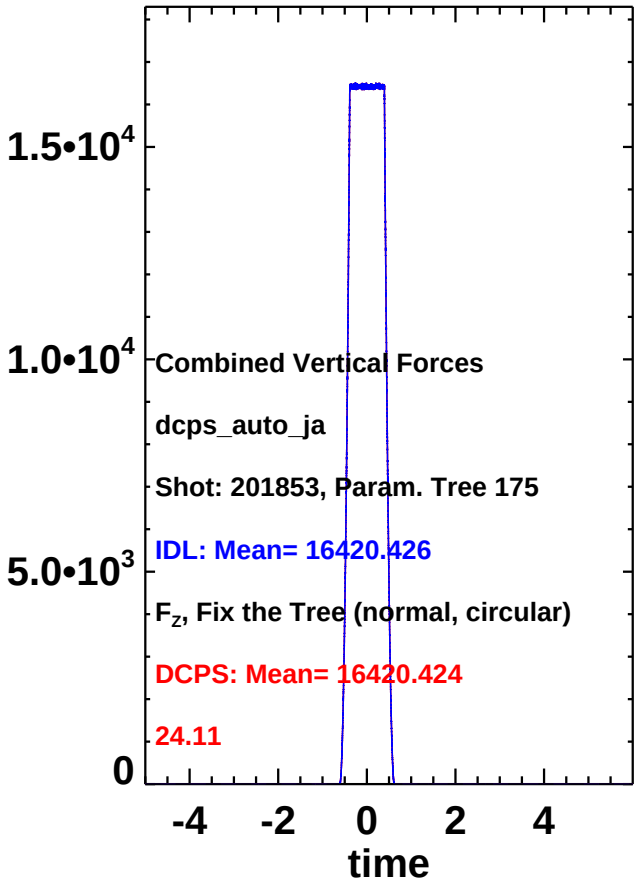

Fault Starts: -0.41501297
Fault Ends: 0.42558522
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= 63542.001
F_z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= 63542.001
27.9
6•10^4
5•10^4
4•10^4
3•10^4
2•10^4
10•10^3
-3•10^-2
-4
-2
0
2
4
time

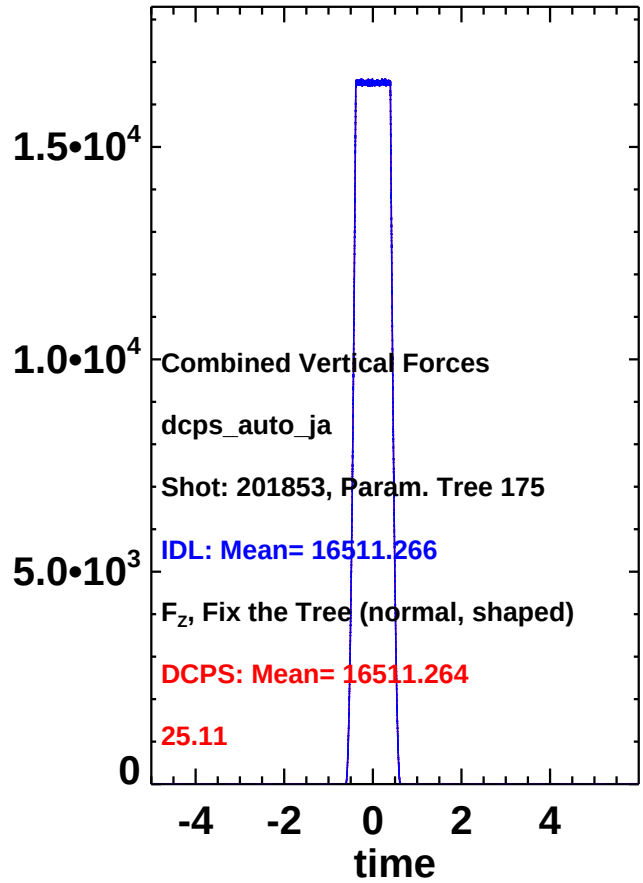

Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= 6925.8356
F_z, Fix the Tree (normal, circular)
DCPS: Mean= 6925.8354
24.10
6000
4000
2000
0
-4
-2
0
2
4
time

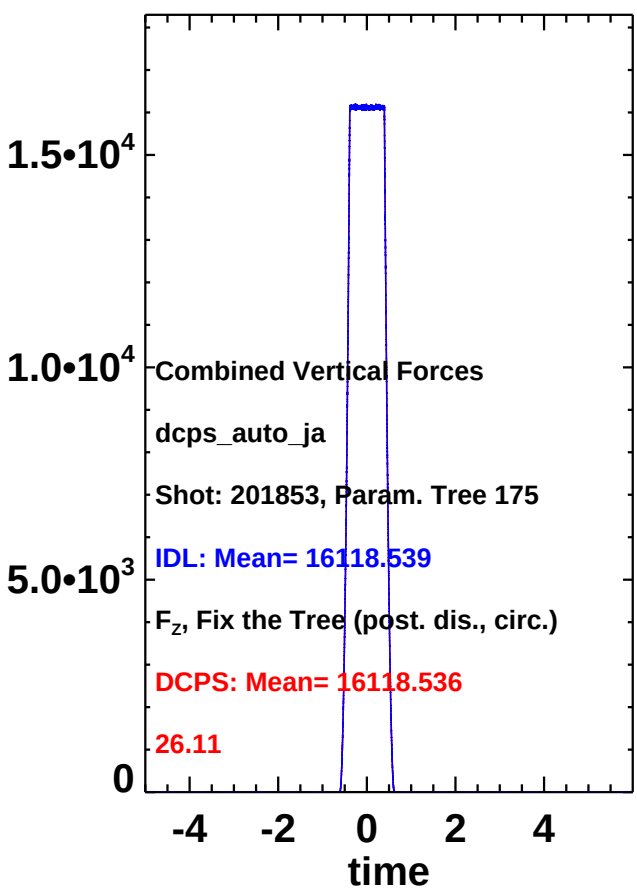

Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= 6521.2162
F_z, Fix the Tree (normal, shaped)
DCPS: Mean= 6521.2160
25.10
6000
4000
2000
0
-4
-2
0
2
4
time

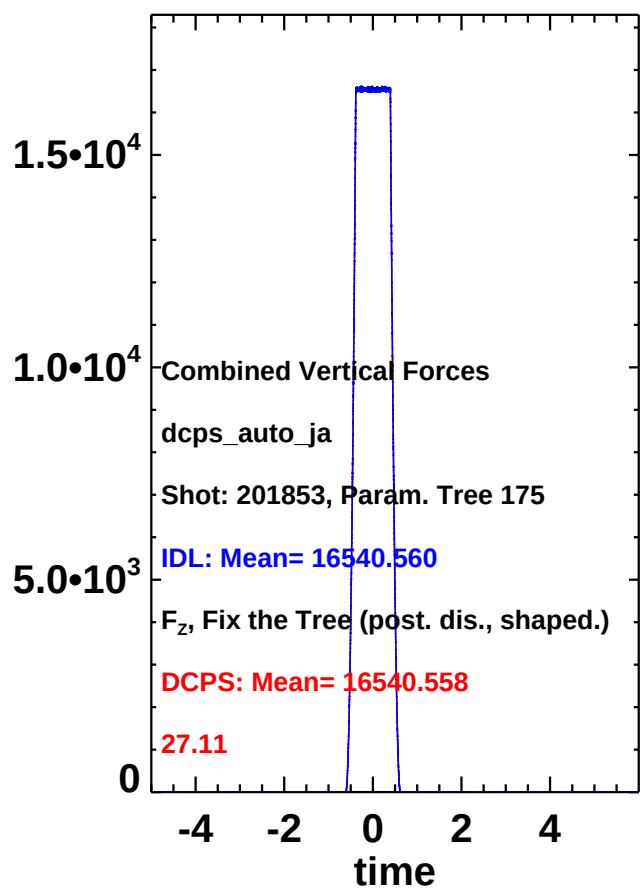

Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= 5204.3547
F_z, Fix the Tree (post. dis., circ.)
DCPS: Mean= 5204.3539
26.10
6000
4000
2000
0
-4
-2
0
2
4
time

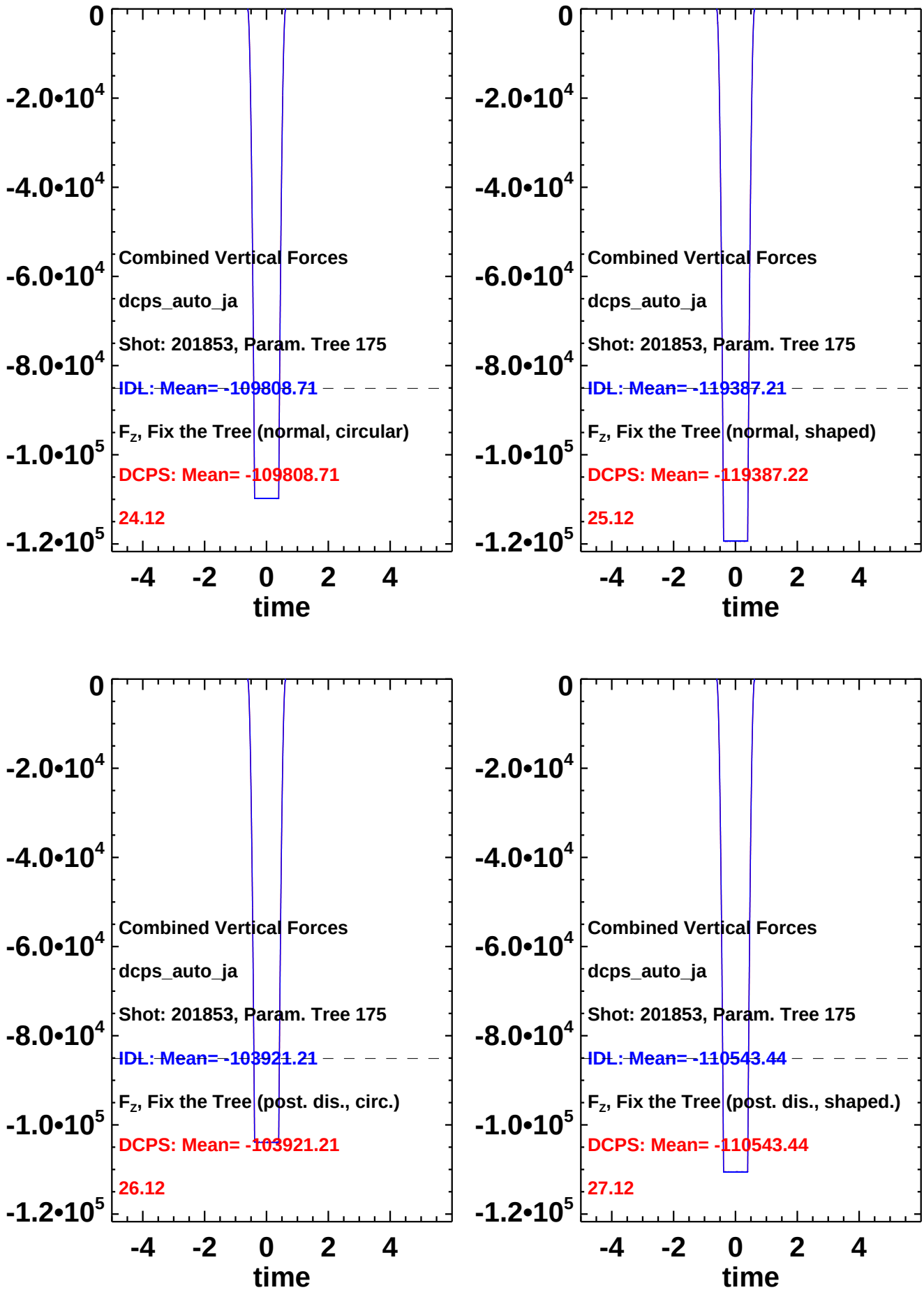

Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= 4277.1828
F_z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= 4277.1830
27.10
6000
4000
2000
0
-4
-2
0
2
4
time

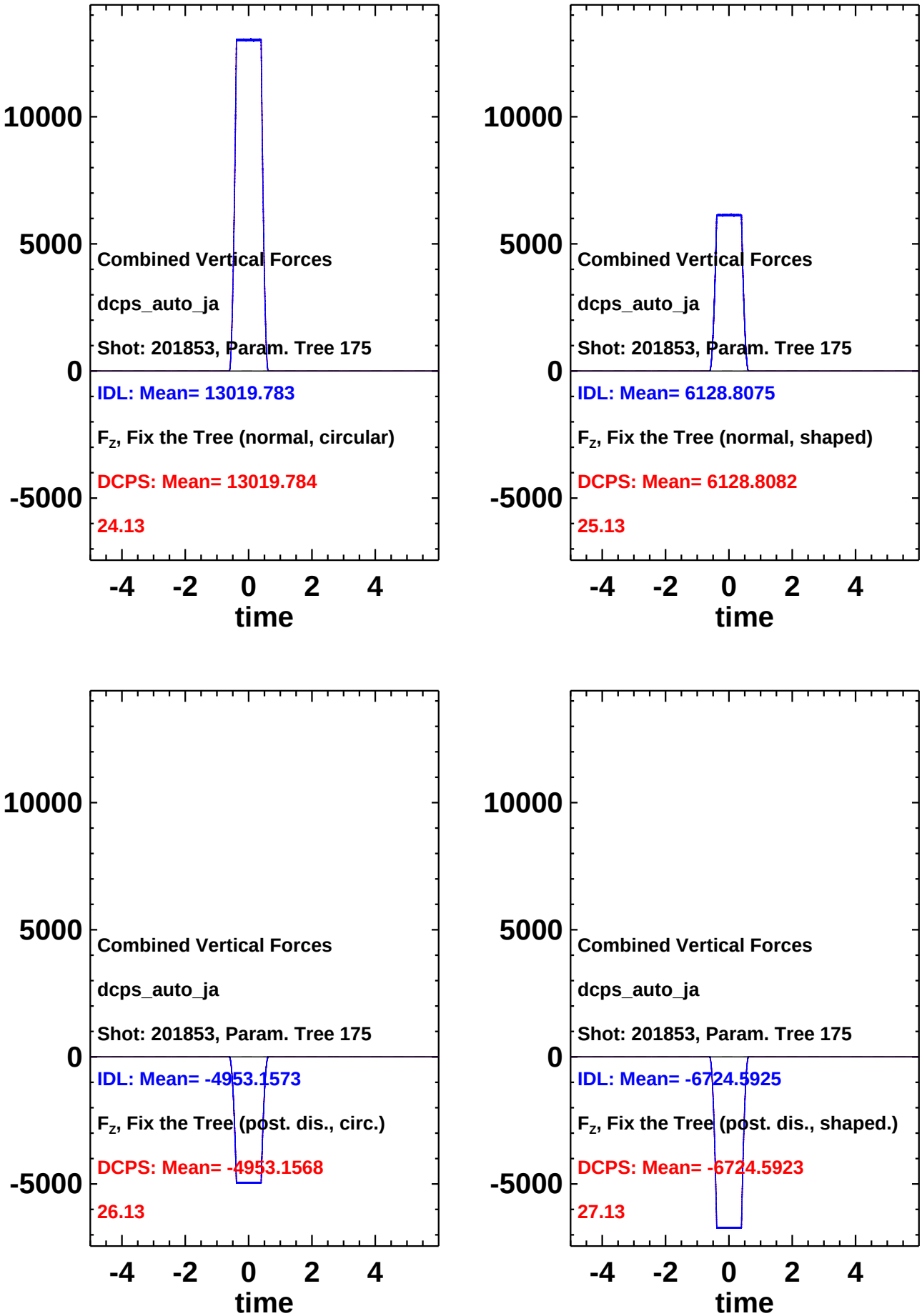

1.5•10^4
1.0•10^4
5.0•10^3
0
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= 16420.426
F_Z, Fix the Tree (normal, circular)
DCPS: Mean= 16420.424
24.11
-4
-2
0
2
4
time

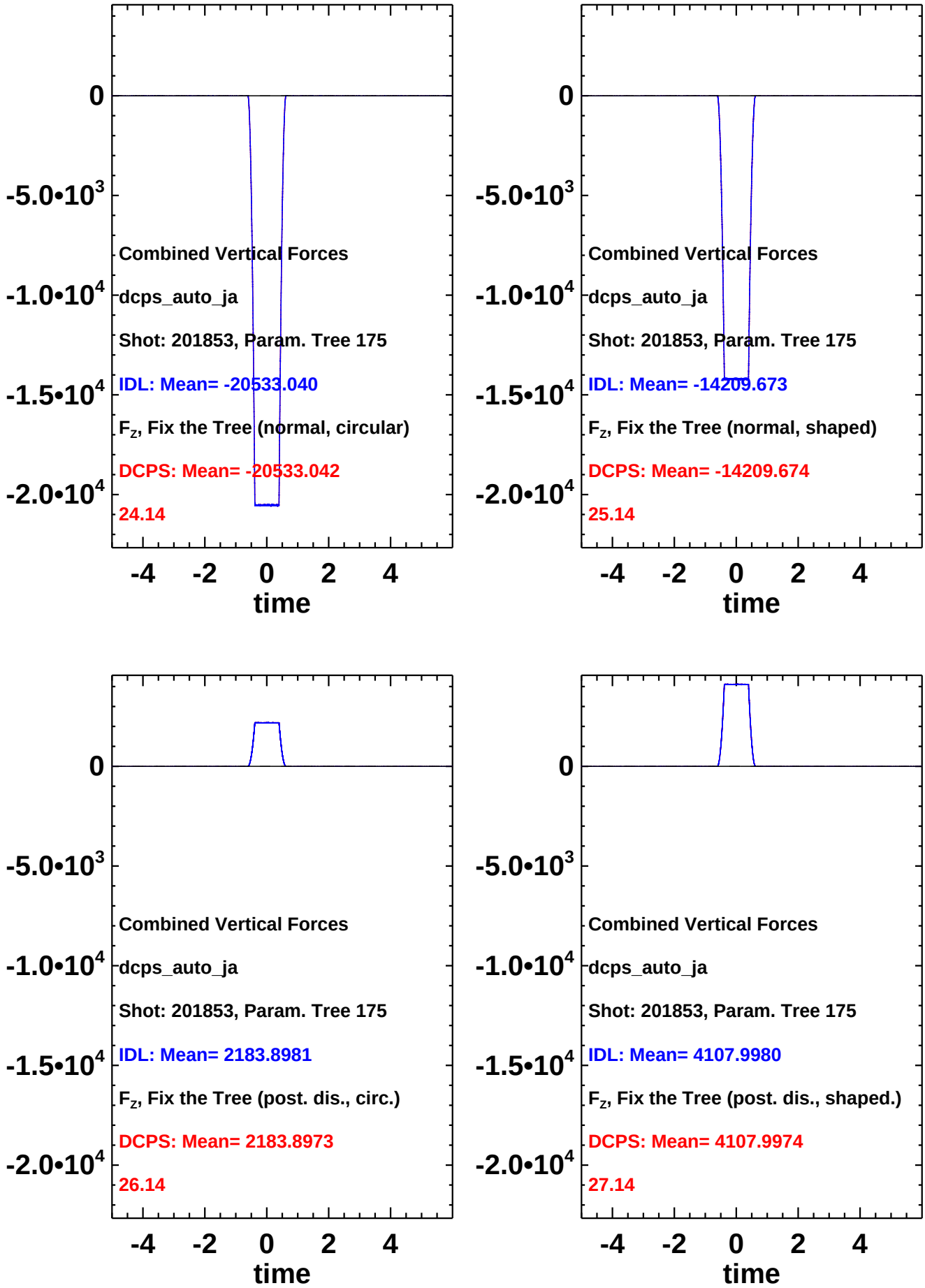

1.5•10^4
1.0•10^4
5.0•10^3
0
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= 16511.266
F_Z, Fix the Tree (normal, shaped)
DCPS: Mean= 16511.264
25.11
-4
-2
0
2
4
time

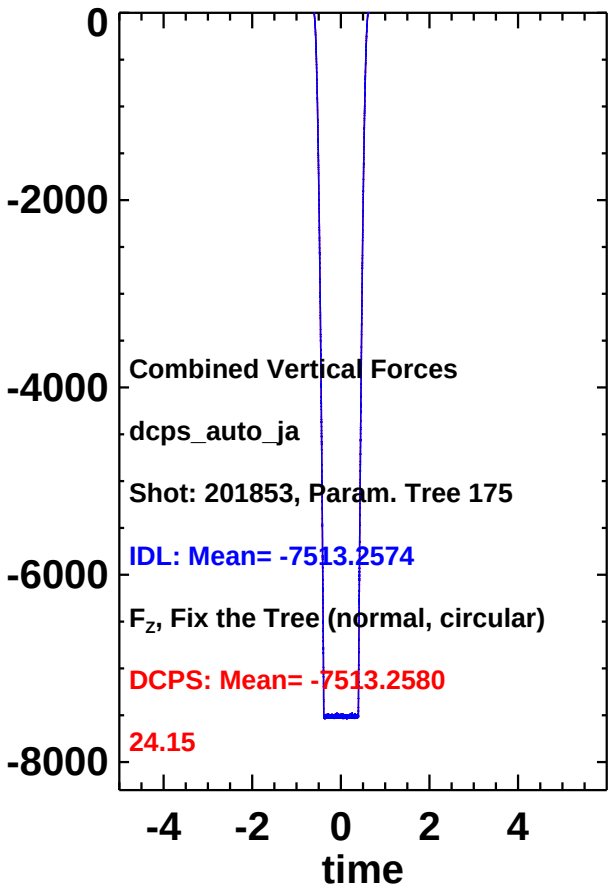

1.5•10^4
1.0•10^4
5.0•10^3
0
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= 16118.539
F_Z, Fix the Tree (post. dis., circ.)
DCPS: Mean= 16118.536
26.11
-4
-2
0
2
4
time

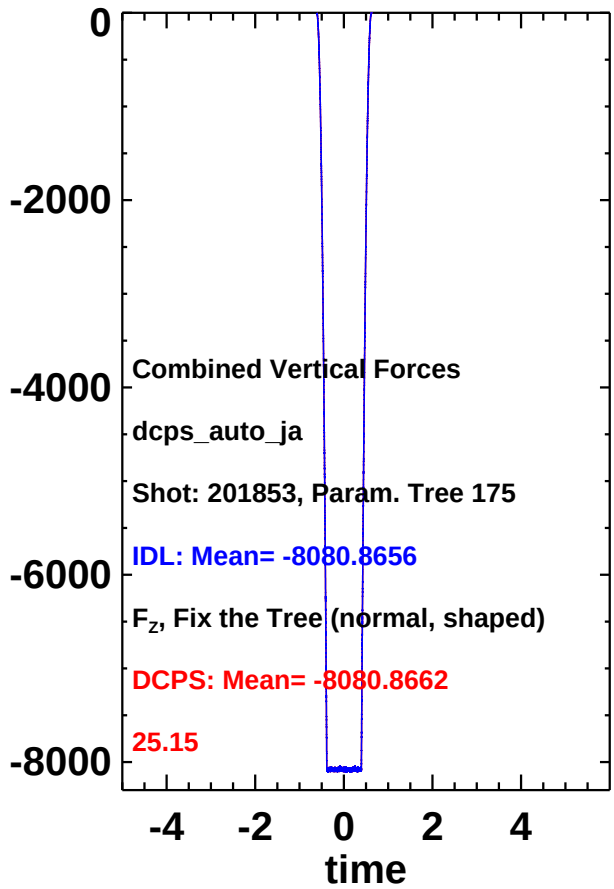

1.5•10^4
1.0•10^4
5.0•10^3
0
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= 16540.560
F_Z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= 16540.558
27.11
-4
-2
0
2
4
time

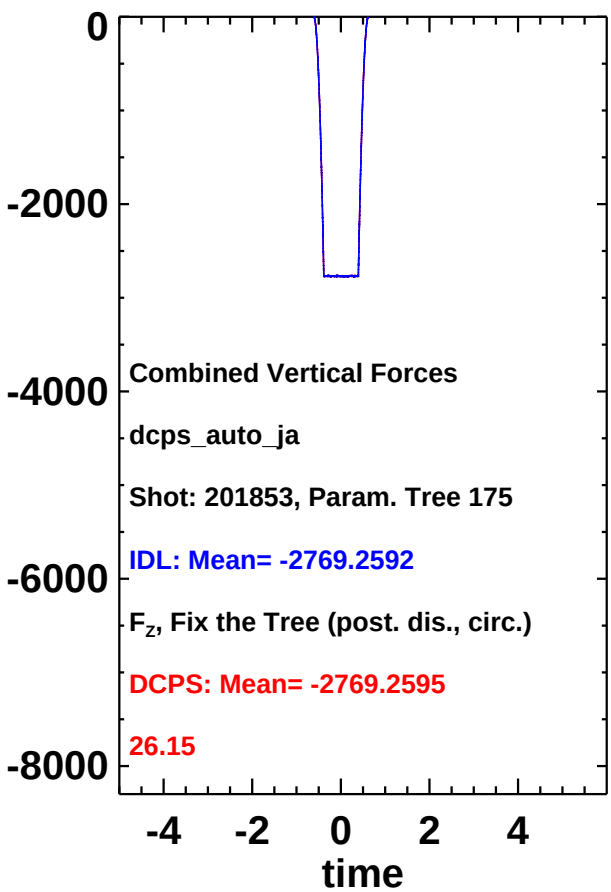

Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -109808.71
F_z, Fix the Tree (normal, circular)
DCPS: Mean= -109808.71
24.12
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -119387.21
F_z, Fix the Tree (normal, shaped)
DCPS: Mean= -119387.22
25.12
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -103921.21
F_z, Fix the Tree (post. dis., circ.)
DCPS: Mean= -103921.21
26.12
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -110543.44
F_z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= -110543.44
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

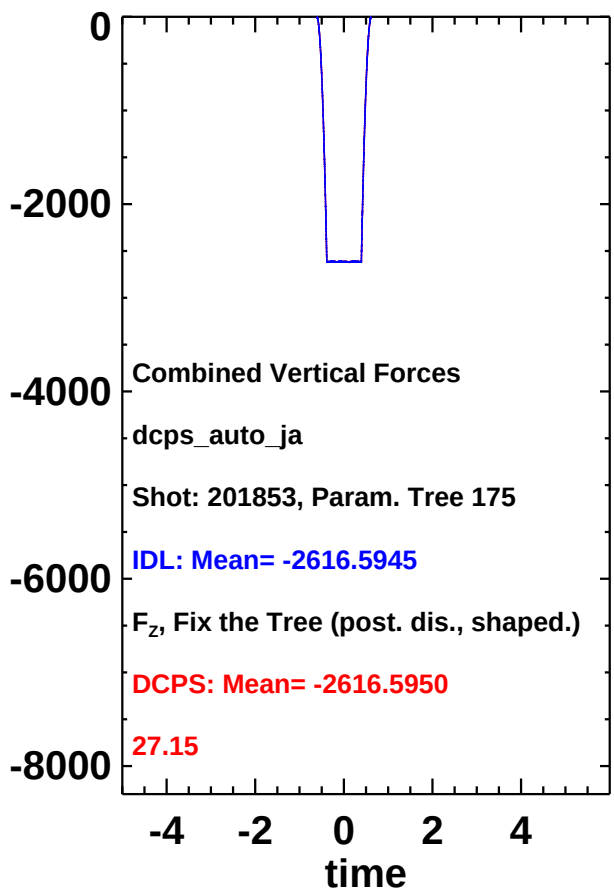

10000
5000
0
-5000
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= 13019.783
F_z, Fix the Tree (normal, circular)
DCPS: Mean= 13019.784
24.13
-4 -2 0 2 4
time
10000
5000
0
-5000
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= 6128.8075
F_z, Fix the Tree (normal, shaped)
DCPS: Mean= 6128.8082
25.13
-4 -2 0 2 4
time
10000
5000
0
-5000
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -4953.1573
F_z, Fix the Tree (post. dis., circ.)
DCPS: Mean= -4953.1568
26.13
-4 -2 0 2 4
time
10000
5000
0
-5000
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -6724.5925
F_z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= -6724.5923
27.13
-4 -2 0 2 4
time

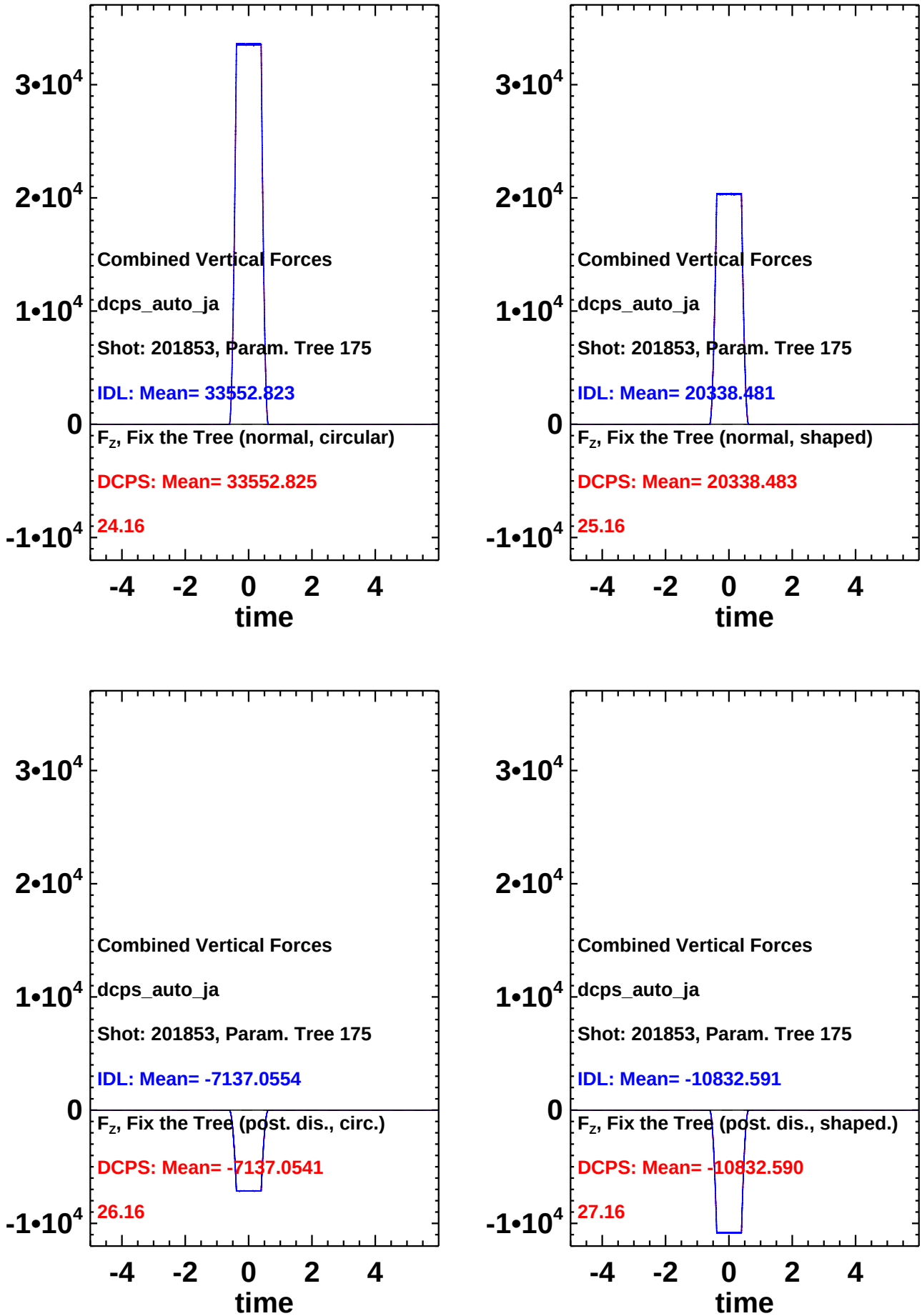

0
-5.0•10^3
-1.0•10^4
-1.5•10^4
-2.0•10^4
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -20533.040
F_Z, Fix the Tree (normal, circular)
DCPS: Mean= -20533.042
24.14
-4 -2 0 2 4
time
0
-5.0•10^3
-1.0•10^4
-1.5•10^4
-2.0•10^4
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -14209.673
F_Z, Fix the Tree (normal, shaped)
DCPS: Mean= -14209.674
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: 201853, Param. Tree 175
IDL: Mean= 2183.8981
F_Z, Fix the Tree (post. dis., circ.)
DCPS: Mean= 2183.8973
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: 201853, Param. Tree 175
IDL: Mean= 4107.9980
F_Z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= 4107.9974
27.14
-4 -2 0 2 4
time

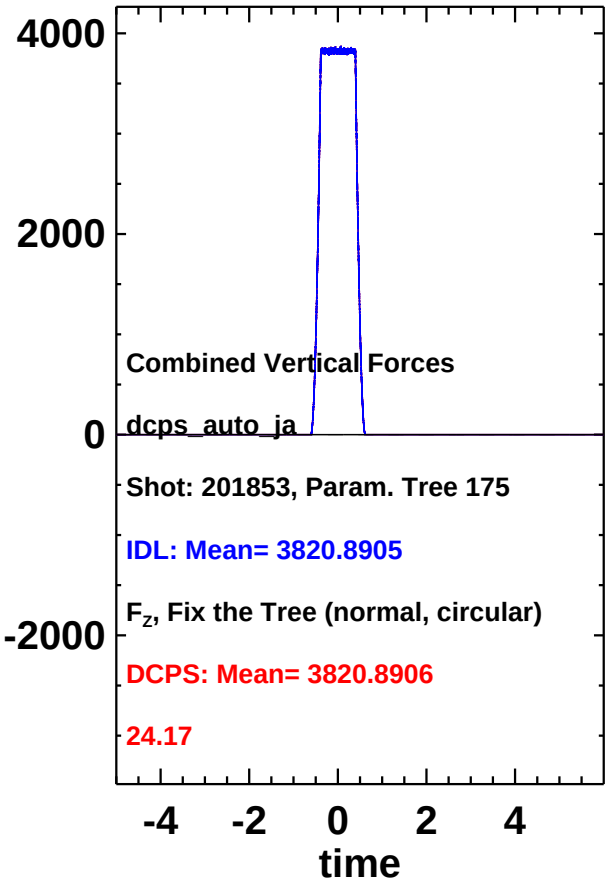

Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -7513.2574
F_z, Fix the Tree (normal, circular)
DCPS: Mean= -7513.2580
24.15
0
-2000
-4000
-6000
-8000
-4
-2
0
2
4
time

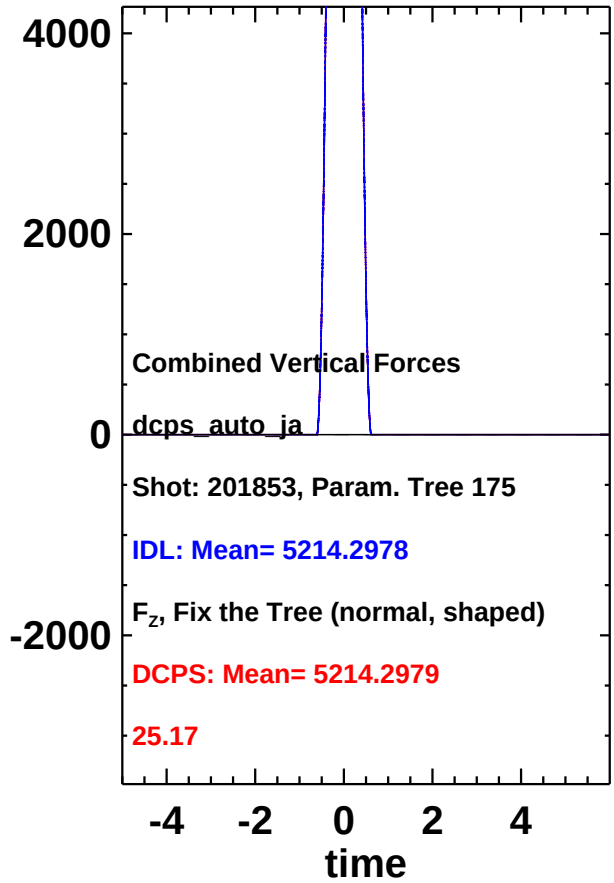

Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -8080.8656
F_z, Fix the Tree (normal, shaped)
DCPS: Mean= -8080.8662
25.15
0
-2000
-4000
-6000
-8000
-4
-2
0
2
4
time

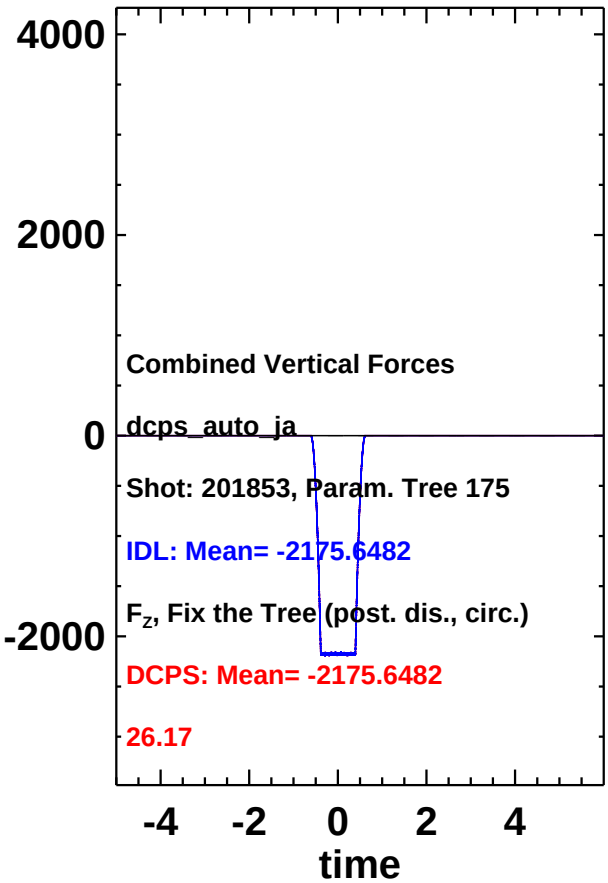

Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -2769.2592
F_z, Fix the Tree (post. dis., circ.)
DCPS: Mean= -2769.2595
26.15
0
-2000
-4000
-6000
-8000
-4
-2
0
2
4
time

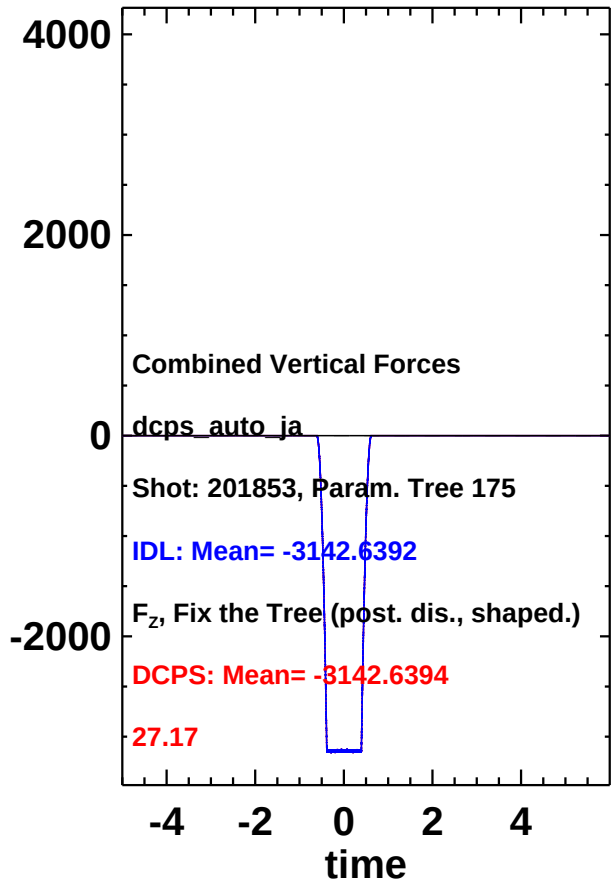

Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -2616.5945
F_z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= -2616.5950
27.15
0
-2000
-4000
-6000
-8000
-4
-2
0
2
4
time

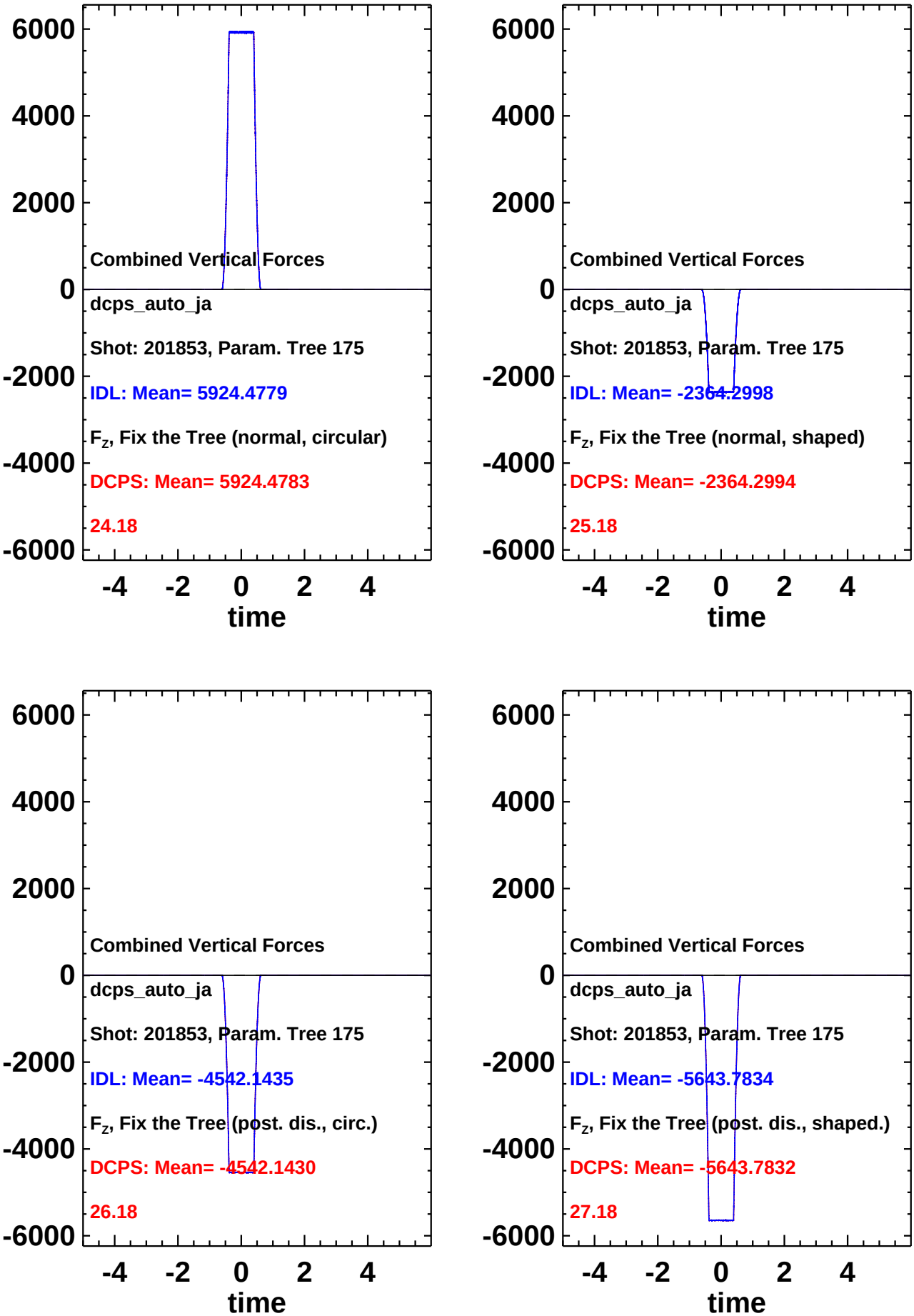

Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= 33552.823
F_z, Fix the Tree (normal, circular)
DCPS: Mean= 33552.825
24.16
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= 20338.481
F_z, Fix the Tree (normal, shaped)
DCPS: Mean= 20338.483
25.16
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -7137.0554
F_z, Fix the Tree (post. dis., circ.)
DCPS: Mean= -7137.0541
26.16
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -10832.591
F_z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= -10832.590
27.16
$3\cdot10^4$
$2\cdot10^4$
$1\cdot10^4$
0
$-1\cdot10^4$
-4
-2
0
2
4
time

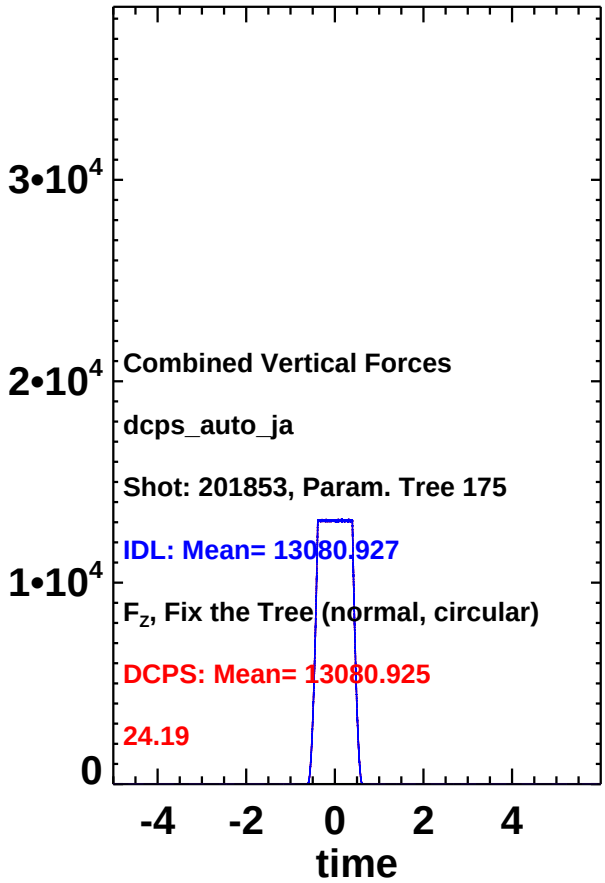

4000
2000
0
-2000
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= 3820.8905
F_z, Fix the Tree (normal, circular)
DCPS: Mean= 3820.8906
24.17
-4
-2
0
2
4
time

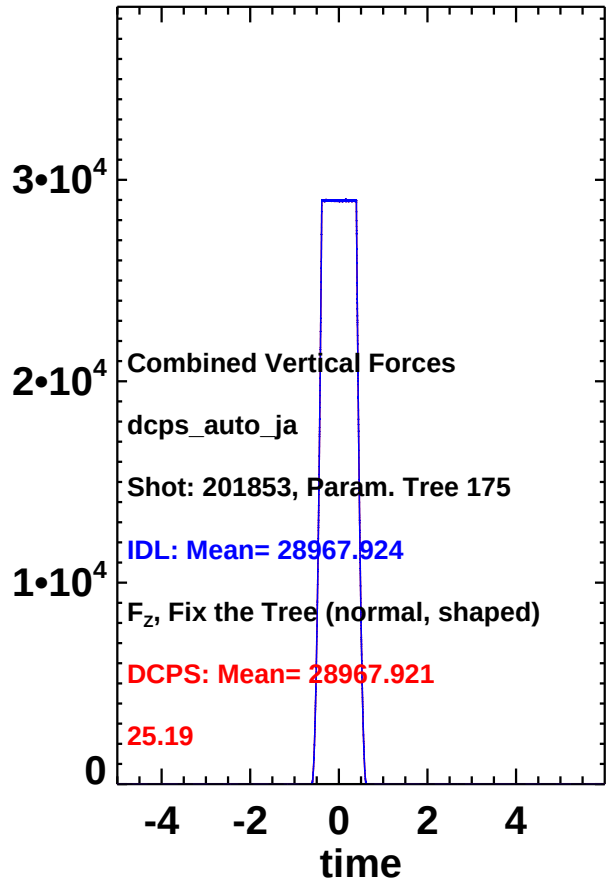

4000
2000
0
-2000
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= 5214.2978
F_z, Fix the Tree (normal, shaped)
DCPS: Mean= 5214.2979
25.17
-4
-2
0
2
4
time

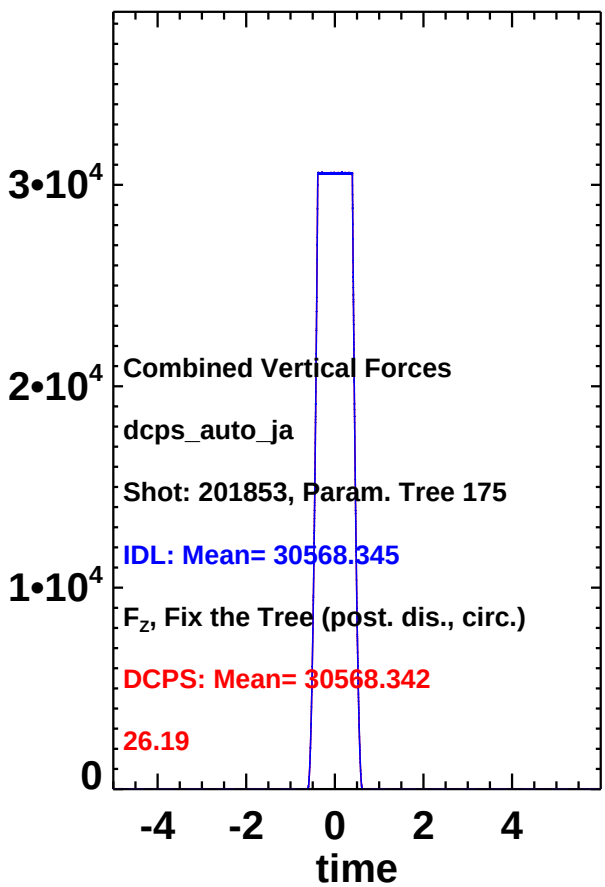

4000
2000
0
-2000
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -2175.6482
F_z, Fix the Tree (post. dis., circ.)
DCPS: Mean= -2175.6482
26.17
-4
-2
0
2
4
time

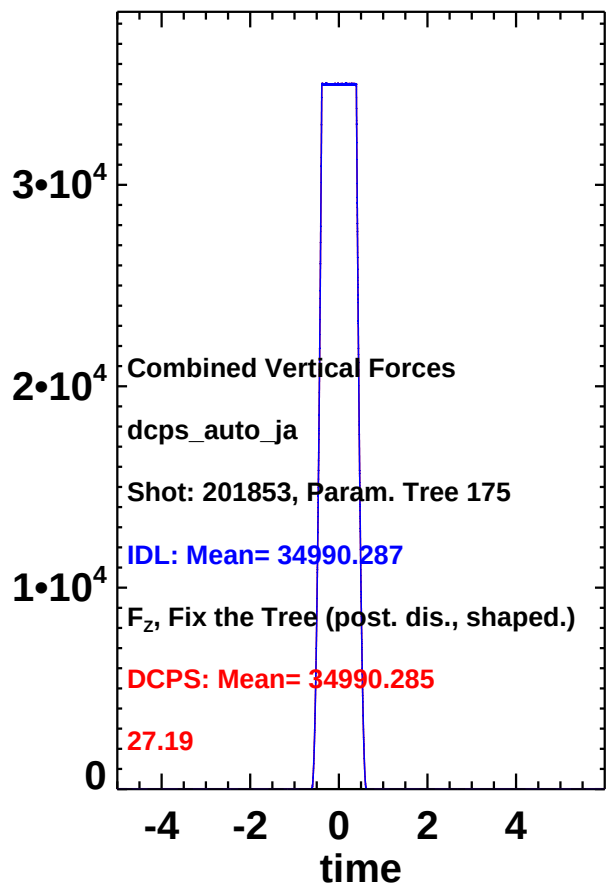

4000
2000
0
-2000
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -3142.6392
F_z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= -3142.6394
27.17
-4
-2
0
2
4
time

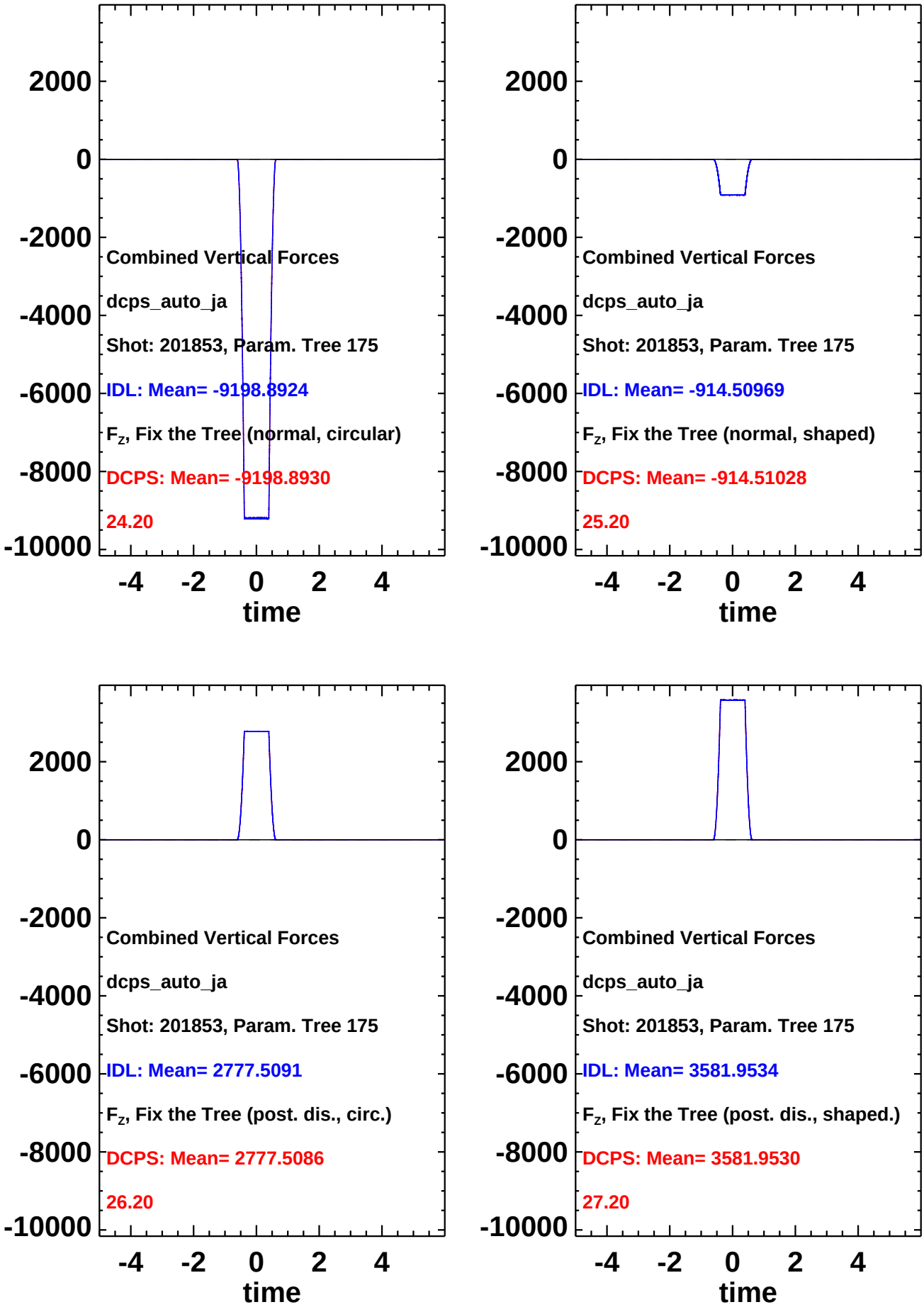

Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= 5924.4779
F_z, Fix the Tree (normal, circular)
DCPS: Mean= 5924.4783
24.18
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -2364.2998
F_z, Fix the Tree (normal, shaped)
DCPS: Mean= -2364.2994
25.18
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -4542.1435
F_z, Fix the Tree (post. dis., circ.)
DCPS: Mean= -4542.1430
26.18
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -5643.7834
F_z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= -5643.7832
27.18
6000
4000
2000
0
-2000
-4000
-6000
-4
-2
0
2
4
time

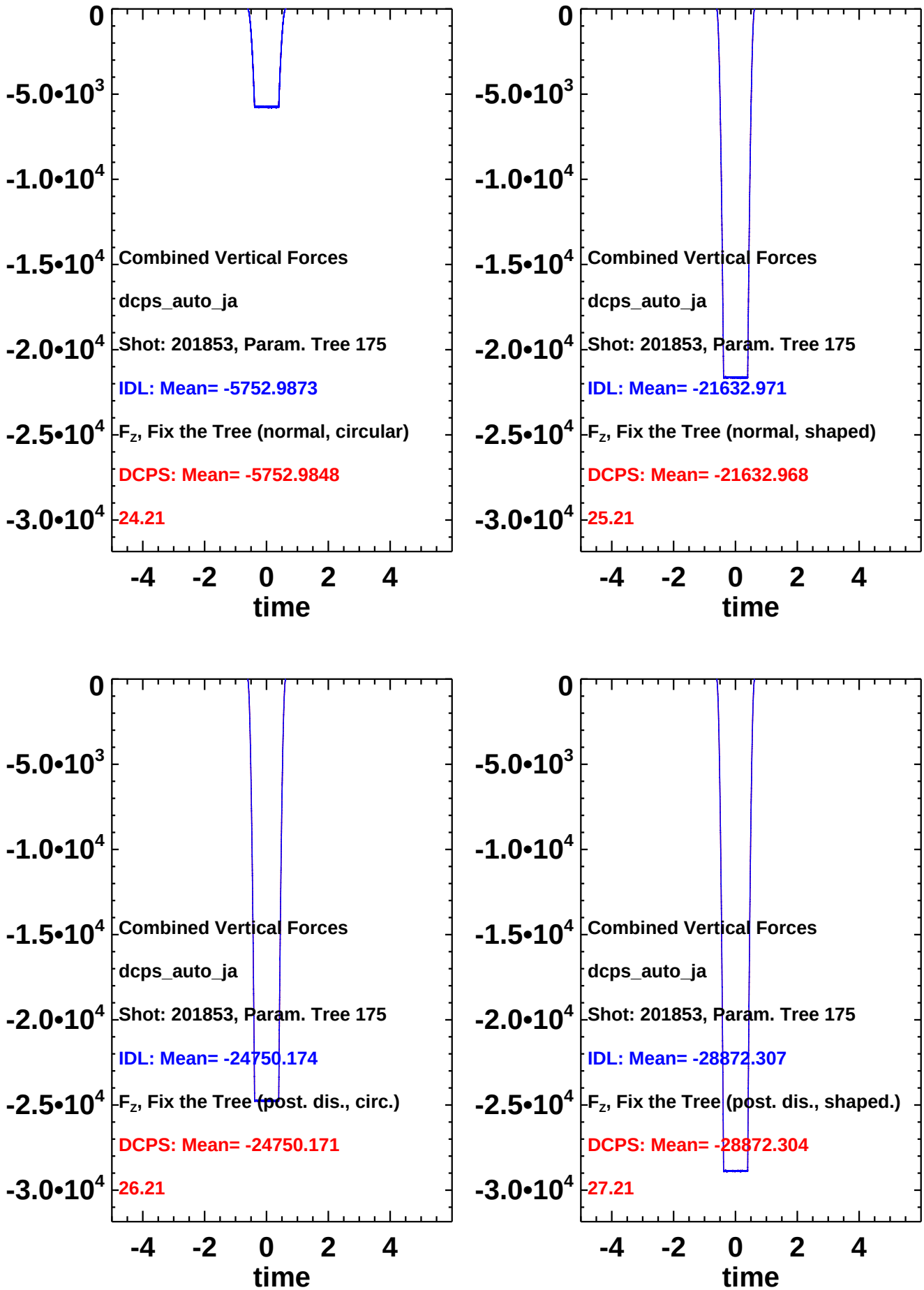

Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= 13080.927
F_z, Fix the Tree (normal, circular)
DCPS: Mean= 13080.925
24.19
3•10^4
2•10^4
1•10^4
0
-4
-2
0
2
4
time

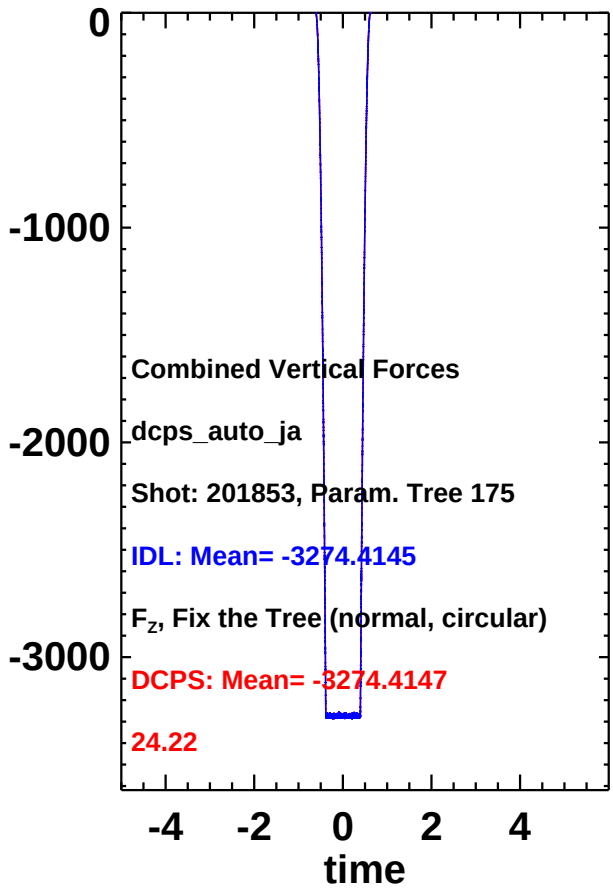

Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= 28967.924
F_z, Fix the Tree (normal, shaped)
DCPS: Mean= 28967.921
25.19
3•10^4
2•10^4
1•10^4
0
-4
-2
0
2
4
time

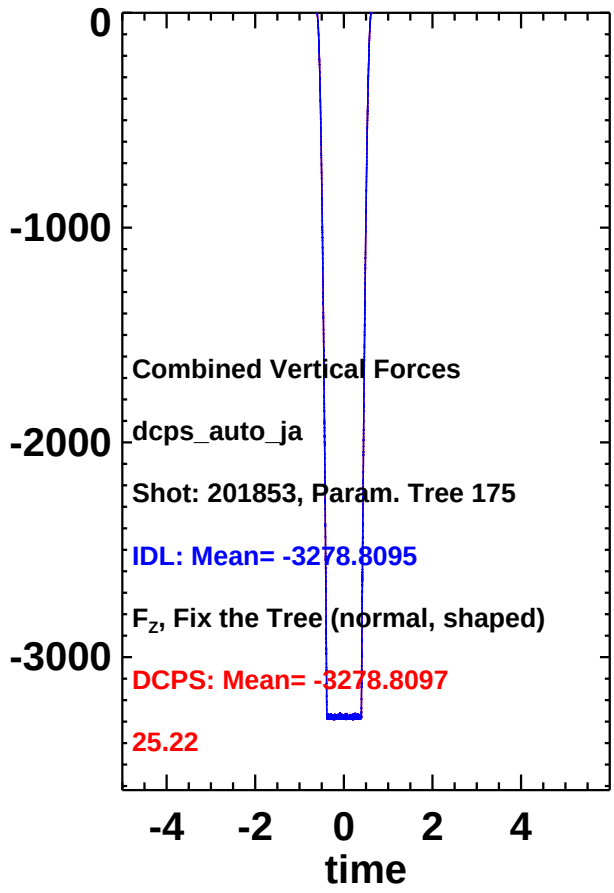

Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= 30568.345
F_z, Fix the Tree (post. dis., circ.)
DCPS: Mean= 30568.342
26.19
3•10^4
2•10^4
1•10^4
0
-4
-2
0
2
4
time

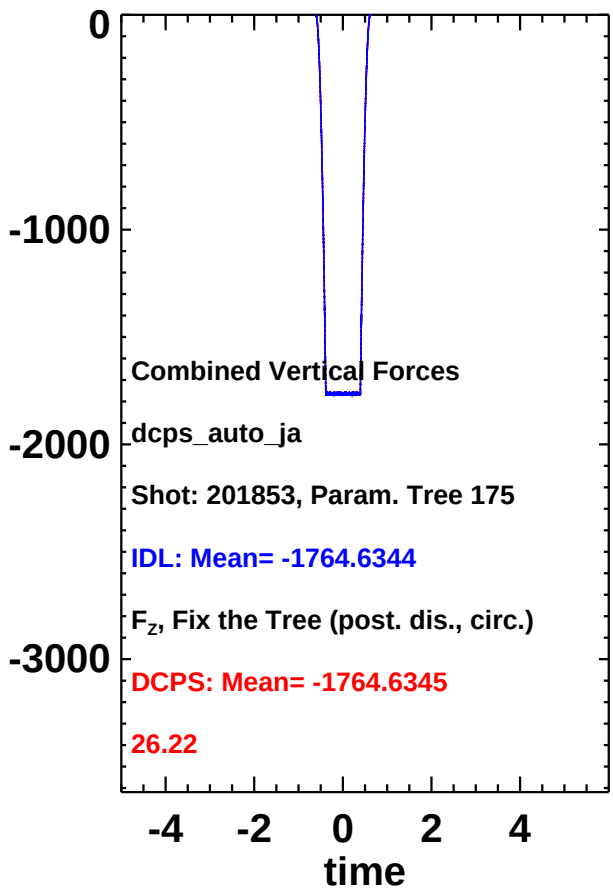

Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= 34990.287
F_z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= 34990.285
27.19
3•10^4
2•10^4
1•10^4
0
-4
-2
0
2
4
time

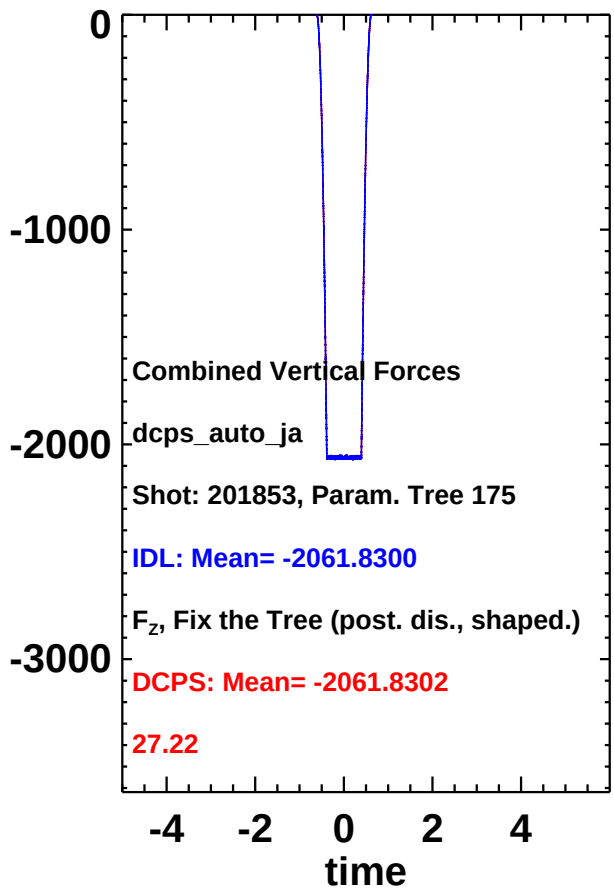

Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -9198.8924
F_z, Fix the Tree (normal, circular)
DCPS: Mean= -9198.8930
24.20
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -914.50969
F_z, Fix the Tree (normal, shaped)
DCPS: Mean= -914.51028
25.20
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= 2777.5091
F_z, Fix the Tree (post. dis., circ.)
DCPS: Mean= 2777.5086
26.20
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= 3581.9534
F_z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= 3581.9530
27.20
2000
0
-2000
-4000
-6000
-8000
-10000
-4
-2
0
2
4
time

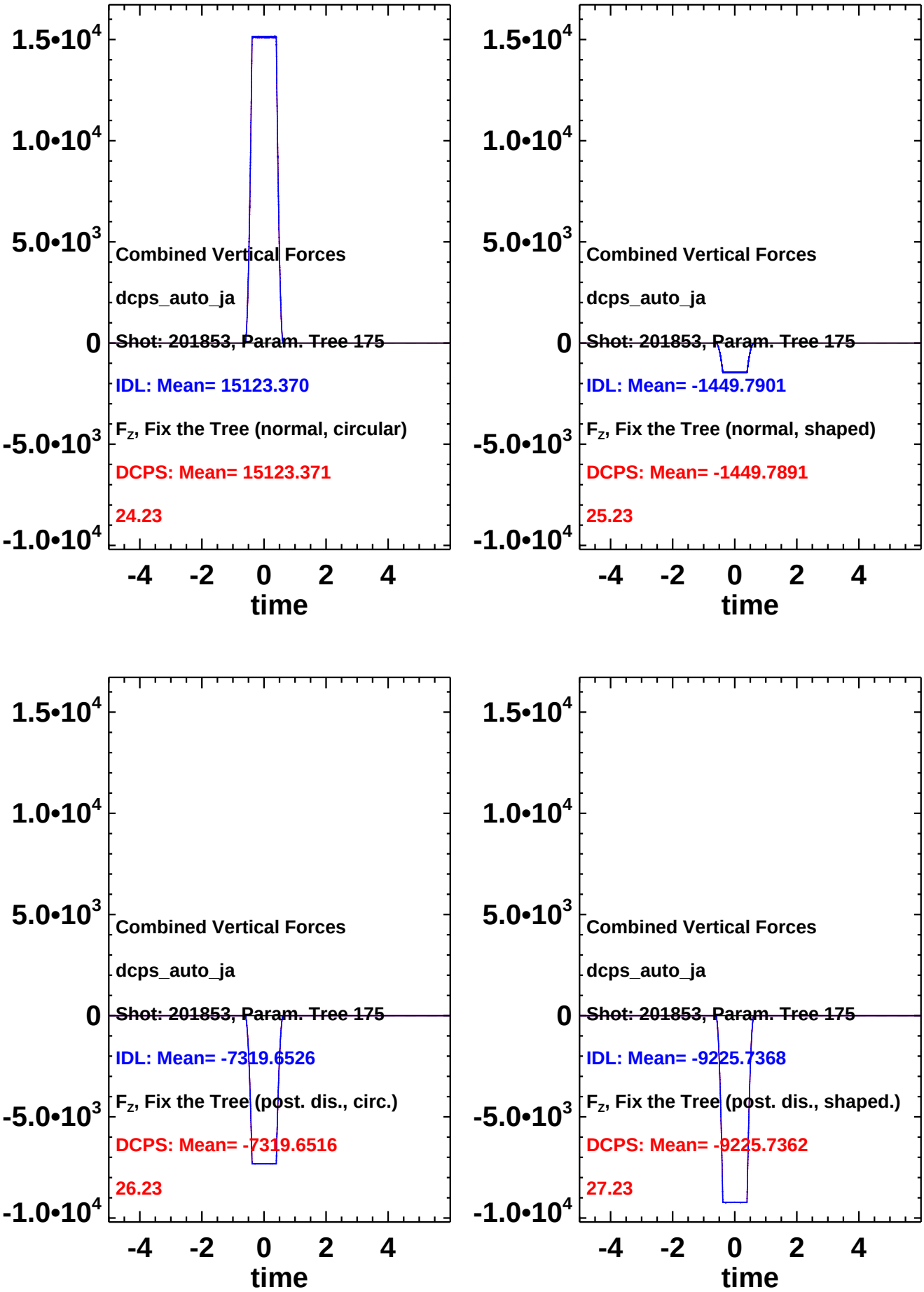

Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -5752.9873
F_z, Fix the Tree (normal, circular)
DCPS: Mean= -5752.9848
24.21
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -21632.971
F_z, Fix the Tree (normal, shaped)
DCPS: Mean= -21632.968
25.21
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -24750.174
F_z, Fix the Tree (post. dis., circ.)
DCPS: Mean= -24750.171
26.21
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -28872.307
F_z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= -28872.304
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

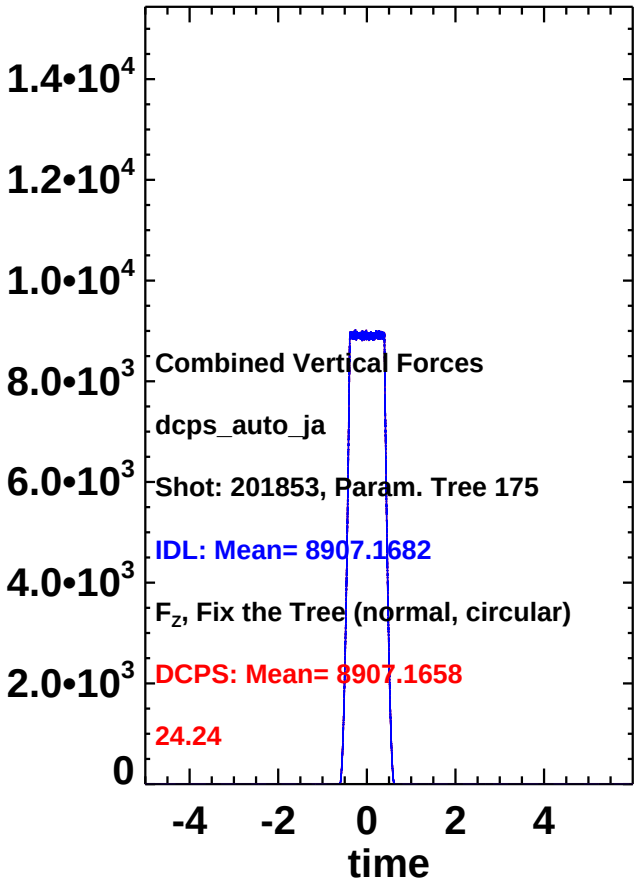

0
-1000
-2000
-3000
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -3274.4145
F_z, Fix the Tree (normal, circular)
DCPS: Mean= -3274.4147
24.22
-4
-2
0
2
4
time

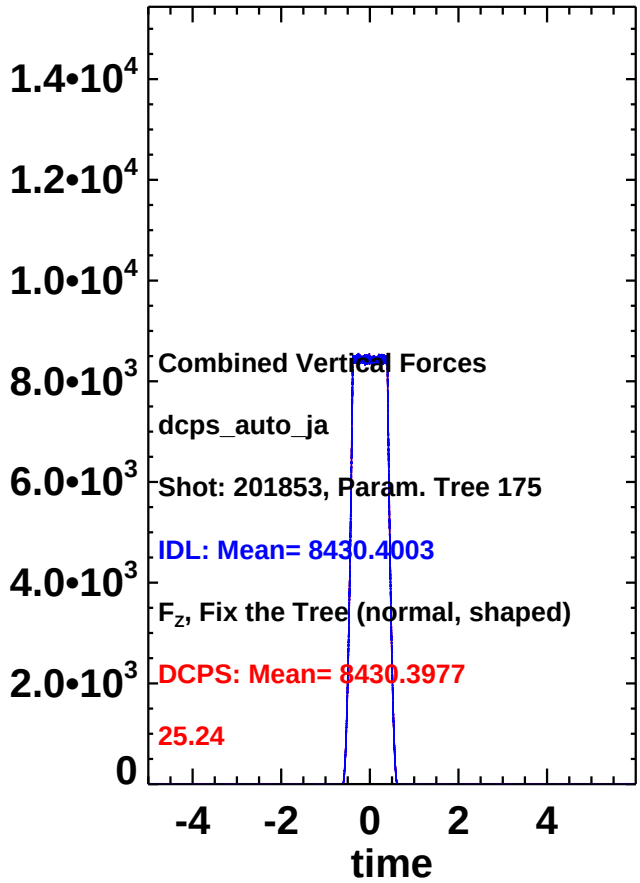

0
-1000
-2000
-3000
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -3278.8095
F_z, Fix the Tree (normal, shaped)
DCPS: Mean= -3278.8097
25.22
-4
-2
0
2
4
time

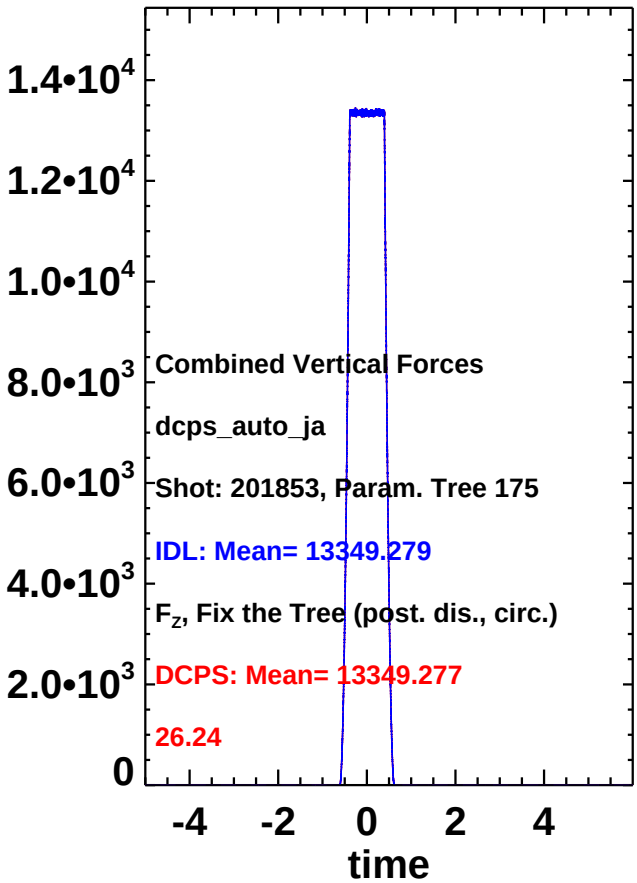

0
-1000
-2000
-3000
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -1764.6344
F_z, Fix the Tree (post. dis., circ.)
DCPS: Mean= -1764.6345
26.22
-4
-2
0
2
4
time

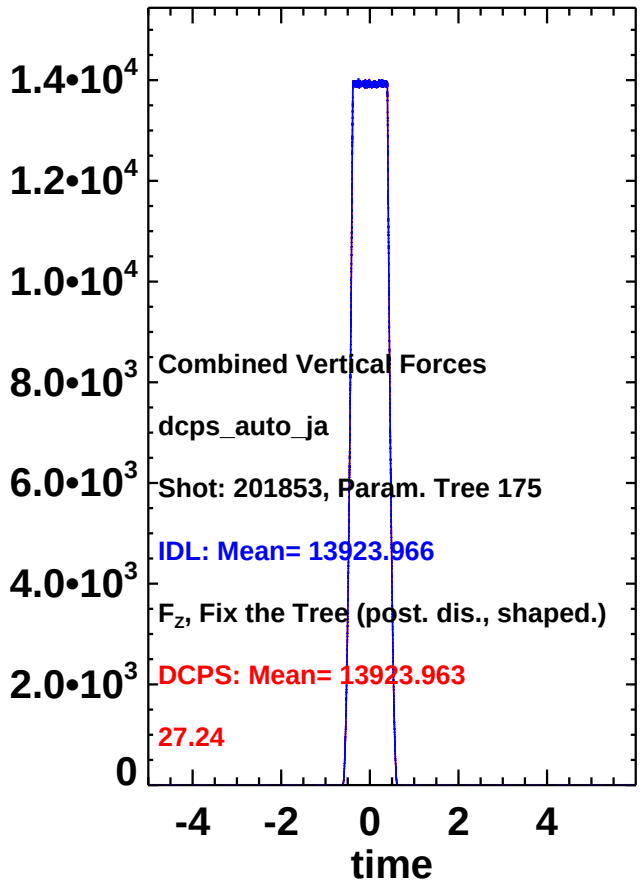

0
-1000
-2000
-3000
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -2061.8300
F_z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= -2061.8302
27.22
-4
-2
0
2
4
time

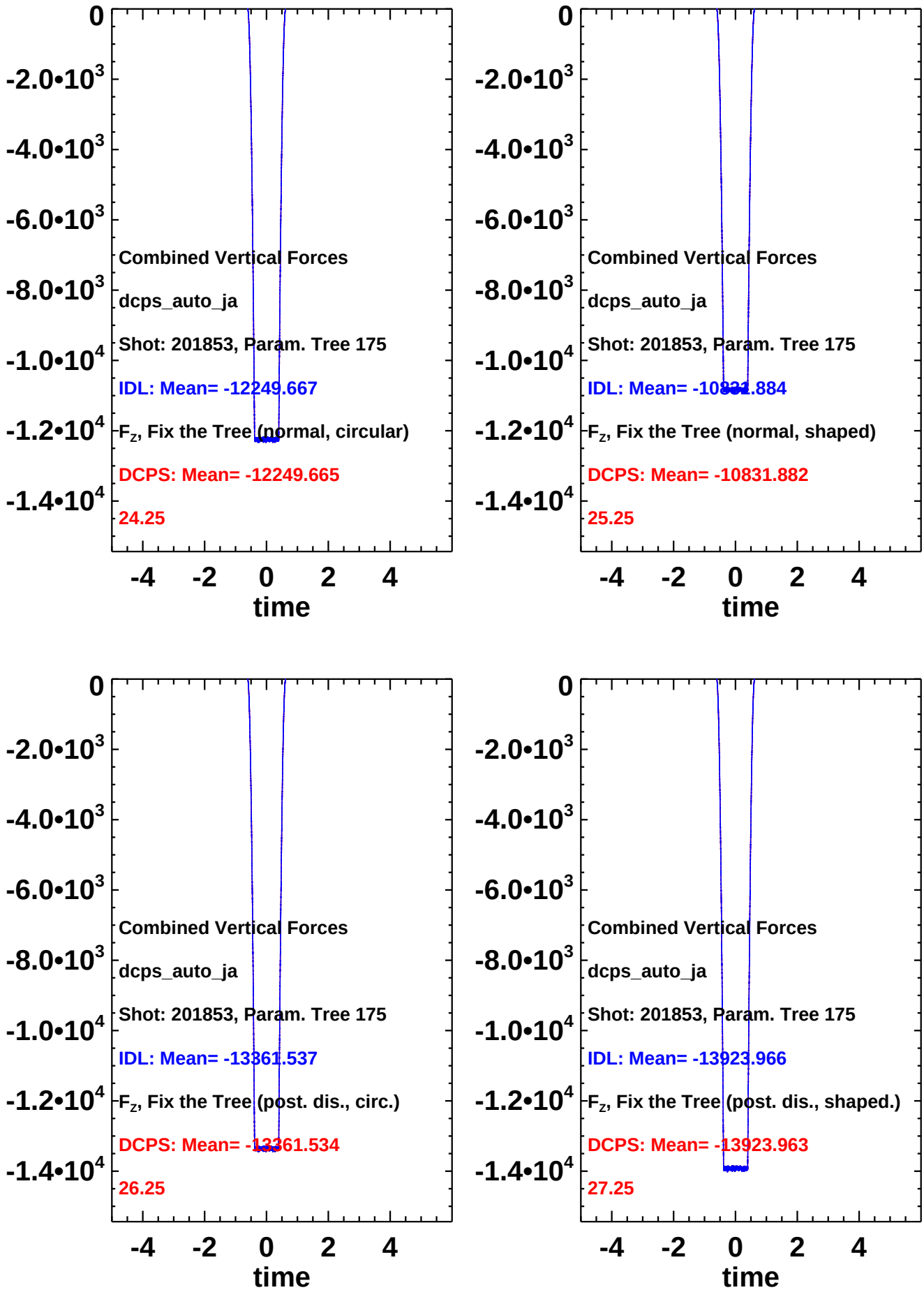

Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= 15123.370
F_z, Fix the Tree (normal, circular)
DCPS: Mean= 15123.371
24.23
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -1449.7901
F_z, Fix the Tree (normal, shaped)
DCPS: Mean= -1449.7891
25.23
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -7319.6526
F_z, Fix the Tree (post. dis., circ.)
DCPS: Mean= -7319.6516
26.23
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -9225.7368
F_z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= -9225.7362
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: 201853, Param. Tree 175
IDL: Mean= 8907.1682
F_z, Fix the Tree (normal, circular)
DCPS: Mean= 8907.1658
24.24
time


Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= 8430.4003
F_z, Fix the Tree (normal, shaped)
DCPS: Mean= 8430.3977
25.24
time


Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= 13349.279
F_z, Fix the Tree (post. dis., circ.)
DCPS: Mean= 13349.277
26.24
time


Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= 13923.966
F_z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= 13923.963
27.24
time


Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -12249.667
F_z, Fix the Tree (normal, circular)
DCPS: Mean= -12249.665
24.25
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -10831.884
F_z, Fix the Tree (normal, shaped)
DCPS: Mean= -10831.882
25.25
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -13361.537
F_z, Fix the Tree (post. dis., circ.)
DCPS: Mean= -13361.534
26.25
Combined Vertical Forces
dcps_auto_ja
Shot: 201853, Param. Tree 175
IDL: Mean= -13923.966
F_z, Fix the Tree (post. dis., shaped.)
DCPS: Mean= -13923.963
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