dit_asym_us_avg_mean vs Slug, Sign Corrected

Right In: 2237.929+/-314.642 χ^2/NDF: 11.3/15

Left Out: 1947.994+/-234.888 χ^2/NDF:12.7/15

Right Out: 2018.625+/-308.362 χ^2/NDF: 12.6/17

Left In: 1887.138+/-229.499 χ^2/NDF:18.5/15

Left: 1916.860+/-164.153 χ^2/NDF: 31.2/31

Right: 2126.067+/-220.232 χ^2/NDF: 24.1/33

In: 2008.956+/-185.417 χ^2/NDF:30.6/31

Out: 1973.928+/-186.853 χ^2/NDF:25.3/33

All: 1991.578+/-131.614 χ^2/NDF: 56.0/65

dit_asym_us_avg_rms vs Slug, Sign Corrected

Right In: 814.021+/-0.222 χ^2/NDF: 42041.6/15

Left Out: 815.549+/-0.166 χ^2/NDF:23642.6/15

Right Out: 815.084+/-0.218 χ^2/NDF: 19959.3/17

Left In: 814.341+/-0.162 χ^2/NDF:18785.6/15

Left: 814.931+/-0.116 χ^2/NDF: 42455.4/31

Right: 814.563+/-0.156 χ^2/NDF: 62012.6/33

In: 814.230+/-0.131 χ^2/NDF:60828.6/31

Out: 815.379+/-0.132 χ^2/NDF:43604.8/33

All: 814.800+/-0.093 χ^2/NDF: 104471.5/65

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -160.234+/-412.010 χ^2/NDF:21.7/15

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 299.658+/-402.258 χ^2/NDF:11.1/15

Left: 75.219+/-287.825 χ^2/NDF: 33.4/31

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 299.658+/-402.258 χ^2/NDF:11.1/15

Out: -160.234+/-412.010 χ^2/NDF:21.7/15

All: 75.219+/-287.825 χ^2/NDF: 33.4/31

asym_us_avg_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1395.620+/-0.291 χ^2/NDF:726589.3/15

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 1394.496+/-0.284 χ^2/NDF:1032199.6/15

Left: 1395.044+/-0.204 χ^2/NDF: 1758796.4/31

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1394.496+/-0.284 χ^2/NDF:1032199.6/15

Out: 1395.620+/-0.291 χ^2/NDF:726589.3/15

All: 1395.044+/-0.204 χ^2/NDF: 1758796.4/31

asym_us_avg_mean vs Slug, Sign Corrected

Right In: 2748.777+/-562.943 χ^2/NDF: 13.5/15

Left Out: 1901.189+/-471.484 χ^2/NDF:16.8/15

Right Out: 2379.450+/-568.967 χ^2/NDF: 16.2/17

Left In: 1539.216+/-461.348 χ^2/NDF:10.3/15

Left: 1716.269+/-329.747 χ^2/NDF: 27.3/31

Right: 2566.079+/-400.174 χ^2/NDF: 30.0/33

In: 2025.193+/-356.828 χ^2/NDF:26.6/31

Out: 2095.900+/-363.036 χ^2/NDF:33.4/33

All: 2059.937+/-254.482 χ^2/NDF: 60.0/65

asym_us_avg_rms vs Slug, Sign Corrected

Right In: 1439.332+/-0.398 χ^2/NDF: 277860.8/15

Left Out: 1616.960+/-0.333 χ^2/NDF:415769.8/15

Right Out: 1488.384+/-0.402 χ^2/NDF: 256324.7/17

Left In: 1612.594+/-0.326 χ^2/NDF:649758.9/15

Left: 1614.730+/-0.233 χ^2/NDF: 1065616.2/31

Right: 1463.597+/-0.283 χ^2/NDF: 541697.1/33

In: 1542.981+/-0.252 χ^2/NDF:1040956.2/31

Out: 1564.614+/-0.257 χ^2/NDF:732648.6/33

All: 1553.611+/-0.180 χ^2/NDF: 1777216.8/65

dit_asym_us_dd_mean vs Slug, Sign Corrected

Right In: -394.364+/-313.174 χ^2/NDF: 7.4/15

Left Out: -108.680+/-227.341 χ^2/NDF:17.6/15

Right Out: 74.289+/-298.398 χ^2/NDF: 12.9/17

Left In: -283.157+/-222.589 χ^2/NDF:18.5/15

Left: -197.761+/-159.048 χ^2/NDF: 36.3/31

Right: -148.721+/-216.034 χ^2/NDF: 21.5/33

In: -320.481+/-181.431 χ^2/NDF:26.0/31

Out: -41.481+/-180.837 χ^2/NDF:30.7/33

All: -180.524+/-128.081 χ^2/NDF: 57.9/65

dit_asym_us_dd_rms vs Slug, Sign Corrected

Right In: 799.537+/-0.221 χ^2/NDF: 391185.9/15

Left Out: 790.281+/-0.161 χ^2/NDF:8987.0/15

Right Out: 789.794+/-0.211 χ^2/NDF: 11174.9/17

Left In: 790.103+/-0.157 χ^2/NDF:8622.4/15

Left: 790.190+/-0.112 χ^2/NDF: 17610.1/31

Right: 794.430+/-0.153 χ^2/NDF: 403375.5/33

In: 793.269+/-0.128 χ^2/NDF:401014.2/31

Out: 790.102+/-0.128 χ^2/NDF:20165.4/33

All: 791.680+/-0.091 χ^2/NDF: 421485.3/65

asym_us_dd_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -2030.135+/-526.873 χ^2/NDF:14.2/15

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -1778.705+/-515.840 χ^2/NDF:16.1/15

Left: -1901.760+/-368.593 χ^2/NDF: 30.4/31

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1778.705+/-515.840 χ^2/NDF:16.1/15

Out: -2030.135+/-526.873 χ^2/NDF:14.2/15

All: -1901.760+/-368.593 χ^2/NDF: 30.4/31

asym_us_dd_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1815.210+/-0.373 χ^2/NDF:281558.6/15

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 1812.132+/-0.365 χ^2/NDF:448649.5/15

Left: 1813.639+/-0.261 χ^2/NDF: 730243.0/31

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1812.132+/-0.365 χ^2/NDF:448649.5/15

Out: 1815.210+/-0.373 χ^2/NDF:281558.6/15

All: 1813.639+/-0.261 χ^2/NDF: 730243.0/31

asym_us_dd_mean vs Slug, Sign Corrected

Right In: -185.054+/-431.495 χ^2/NDF: 16.6/15

Left Out: 796.117+/-276.835 χ^2/NDF:23.8/15

Right Out: -461.253+/-426.921 χ^2/NDF: 8.3/17

Left In: -201.648+/-270.290 χ^2/NDF:12.4/15

Left: 285.301+/-193.396 χ^2/NDF: 42.8/31

Right: -324.625+/-303.483 χ^2/NDF: 25.2/33

In: -196.972+/-229.061 χ^2/NDF:29.0/31

Out: 423.919+/-232.275 χ^2/NDF:38.2/33

All: 109.148+/-163.095 χ^2/NDF: 70.8/65

asym_us_dd_rms vs Slug, Sign Corrected

Right In: 1105.236+/-0.305 χ^2/NDF: 255366.2/15

Left Out: 961.672+/-0.196 χ^2/NDF:33346.7/15

Right Out: 1112.974+/-0.302 χ^2/NDF: 362995.4/17

Left In: 958.883+/-0.191 χ^2/NDF:26468.9/15

Left: 960.244+/-0.137 χ^2/NDF: 59919.7/31

Right: 1109.146+/-0.215 χ^2/NDF: 618686.6/33

In: 1000.126+/-0.162 χ^2/NDF:447078.3/31

Out: 1006.460+/-0.164 χ^2/NDF:573184.9/33

All: 1003.249+/-0.115 χ^2/NDF: 1021017.0/65

dit_asym_usl_mean vs Slug, Sign Corrected

Right In: 1811.054+/-442.142 χ^2/NDF: 6.5/15

Left Out: 1833.025+/-327.402 χ^2/NDF:18.4/15

Right Out: 2111.004+/-427.676 χ^2/NDF: 13.0/17

Left In: 1588.694+/-320.150 χ^2/NDF:14.4/15

Left: 1708.123+/-228.901 χ^2/NDF: 33.1/31

Right: 1966.016+/-307.400 χ^2/NDF: 19.7/33

In: 1665.178+/-259.309 χ^2/NDF:21.0/31

Out: 1935.739+/-259.970 χ^2/NDF:31.7/33

All: 1800.114+/-183.592 χ^2/NDF: 53.3/65

dit_asym_usl_rms vs Slug, Sign Corrected

Right In: 1132.074+/-0.313 χ^2/NDF: 316026.3/15

Left Out: 1137.421+/-0.232 χ^2/NDF:14956.8/15

Right Out: 1131.016+/-0.302 χ^2/NDF: 19719.1/17

Left In: 1136.234+/-0.226 χ^2/NDF:12623.9/15

Left: 1136.814+/-0.162 χ^2/NDF: 27594.2/31

Right: 1131.528+/-0.217 χ^2/NDF: 335751.3/33

In: 1134.803+/-0.183 χ^2/NDF:328766.3/31

Out: 1135.055+/-0.184 χ^2/NDF:34958.8/33

All: 1134.929+/-0.130 χ^2/NDF: 363726.0/65

asym_usl_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -1153.184+/-446.135 χ^2/NDF:26.6/15

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 297.776+/-434.912 χ^2/NDF:9.0/15

Left: -409.224+/-311.421 χ^2/NDF: 40.9/31

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 297.776+/-434.912 χ^2/NDF:9.0/15

Out: -1153.184+/-446.135 χ^2/NDF:26.6/15

All: -409.224+/-311.421 χ^2/NDF: 40.9/31

asym_usl_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1517.323+/-0.315 χ^2/NDF:608822.9/15

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 1514.791+/-0.308 χ^2/NDF:825395.4/15

Left: 1516.025+/-0.220 χ^2/NDF: 1434251.3/31

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1514.791+/-0.308 χ^2/NDF:825395.4/15

Out: 1517.323+/-0.315 χ^2/NDF:608822.9/15

All: 1516.025+/-0.220 χ^2/NDF: 1434251.3/31

asym_usl_mean vs Slug, Sign Corrected

Right In: 2453.670+/-584.307 χ^2/NDF: 10.8/15

Left Out: 2779.831+/-555.033 χ^2/NDF:25.7/15

Right Out: 1882.755+/-583.188 χ^2/NDF: 22.8/17

Left In: 1252.359+/-543.122 χ^2/NDF:5.5/15

Left: 1999.529+/-388.188 χ^2/NDF: 35.0/31

Right: 2167.665+/-412.771 χ^2/NDF: 34.0/33

In: 1809.189+/-397.809 χ^2/NDF:18.5/31

Out: 2353.469+/-402.053 χ^2/NDF:49.6/33

All: 2078.442+/-282.782 χ^2/NDF: 69.1/65

asym_usl_rms vs Slug, Sign Corrected

Right In: 1498.485+/-0.413 χ^2/NDF: 258807.5/15

Left Out: 1913.305+/-0.392 χ^2/NDF:267289.7/15

Right Out: 1515.949+/-0.412 χ^2/NDF: 480541.4/17

Left In: 1909.834+/-0.384 χ^2/NDF:389045.3/15

Left: 1911.532+/-0.274 χ^2/NDF: 656374.9/31

Right: 1507.233+/-0.292 χ^2/NDF: 740243.9/33

In: 1719.166+/-0.281 χ^2/NDF:1179624.6/31

Out: 1724.450+/-0.284 χ^2/NDF:1235025.5/33

All: 1721.780+/-0.200 χ^2/NDF: 2414824.7/65

dit_asym_usr_mean vs Slug, Sign Corrected

Right In: 2582.988+/-453.193 χ^2/NDF: 12.3/16

Left Out: 2114.782+/-318.766 χ^2/NDF:12.3/16

Right Out: 2020.735+/-426.756 χ^2/NDF: 13.5/18

Left In: 2191.445+/-319.309 χ^2/NDF:22.5/15

Left: 2153.048+/-225.594 χ^2/NDF: 34.8/32

Right: 2284.984+/-310.688 χ^2/NDF: 26.6/35

In: 2321.336+/-261.026 χ^2/NDF:35.3/32

Out: 2081.101+/-255.386 χ^2/NDF:25.8/35

All: 2198.596+/-182.547 χ^2/NDF: 61.6/68

dit_asym_usr_rms vs Slug, Sign Corrected

Right In: 1165.146+/-0.320 χ^2/NDF: 278570.1/16

Left Out: 1137.373+/-0.225 χ^2/NDF:21852.2/16

Right Out: 1140.752+/-0.302 χ^2/NDF: 12717.7/18

Left In: 1133.205+/-0.226 χ^2/NDF:14491.9/15

Left: 1135.293+/-0.160 χ^2/NDF: 36514.8/32

Right: 1152.217+/-0.220 χ^2/NDF: 294359.2/35

In: 1143.801+/-0.185 χ^2/NDF:299701.1/32

Out: 1138.583+/-0.181 χ^2/NDF:34650.4/35

All: 1141.135+/-0.129 χ^2/NDF: 334759.8/68

asym_usr_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 899.825+/-434.145 χ^2/NDF:21.9/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 338.512+/-435.148 χ^2/NDF:14.7/15

Left: 619.816+/-307.341 χ^2/NDF: 37.4/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 338.512+/-435.148 χ^2/NDF:14.7/15

Out: 899.825+/-434.145 χ^2/NDF:21.9/16

All: 619.816+/-307.341 χ^2/NDF: 37.4/32

asym_usr_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1522.139+/-0.307 χ^2/NDF:449563.3/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 1516.907+/-0.308 χ^2/NDF:773137.5/15

Left: 1519.529+/-0.217 χ^2/NDF: 1222845.7/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1516.907+/-0.308 χ^2/NDF:773137.5/15

Out: 1522.139+/-0.307 χ^2/NDF:449563.3/16

All: 1519.529+/-0.217 χ^2/NDF: 1222845.7/32

asym_usr_mean vs Slug, Sign Corrected

Right In: 3069.484+/-797.741 χ^2/NDF: 18.5/16

Left Out: 1079.238+/-534.013 χ^2/NDF:12.2/16

Right Out: 2872.615+/-795.352 χ^2/NDF: 11.6/18

Left In: 1723.848+/-537.646 χ^2/NDF:16.6/15

Left: 1399.358+/-378.882 χ^2/NDF: 29.5/32

Right: 2970.754+/-563.242 χ^2/NDF: 30.1/35

In: 2144.154+/-445.842 χ^2/NDF:37.1/32

Out: 1636.485+/-443.351 χ^2/NDF:27.3/35

All: 1888.898+/-314.374 χ^2/NDF: 65.0/68

asym_usr_rms vs Slug, Sign Corrected

Right In: 2040.433+/-0.564 χ^2/NDF: 331339.9/16

Left Out: 1893.671+/-0.378 χ^2/NDF:203719.2/16

Right Out: 2106.624+/-0.562 χ^2/NDF: 195414.9/18

Left In: 1891.112+/-0.380 χ^2/NDF:387326.0/15

Left: 1892.400+/-0.268 χ^2/NDF: 591068.0/32

Right: 2073.628+/-0.398 χ^2/NDF: 533659.8/35

In: 1937.752+/-0.315 χ^2/NDF:766851.9/32

Out: 1959.840+/-0.313 χ^2/NDF:497960.0/35

All: 1948.858+/-0.222 χ^2/NDF: 1267280.2/68

dit_asym_at1_avg_mean vs Slug, Sign Corrected

Right In: 2319.038+/-801.440 χ^2/NDF: 14.8/16

Left Out: 2222.804+/-523.023 χ^2/NDF:17.1/16

Right Out: 1705.508+/-782.848 χ^2/NDF: 17.2/18

Left In: 2155.644+/-522.626 χ^2/NDF:24.9/15

Left: 2189.198+/-369.693 χ^2/NDF: 42.0/32

Right: 2005.073+/-560.015 χ^2/NDF: 32.3/35

In: 2204.395+/-437.770 χ^2/NDF:39.7/32

Out: 2063.161+/-434.893 χ^2/NDF:34.6/35

All: 2133.312+/-308.528 χ^2/NDF: 74.3/68

dit_asym_at1_avg_rms vs Slug, Sign Corrected

Right In: 2004.551+/-0.567 χ^2/NDF: 916013.4/16

Left Out: 1860.494+/-0.370 χ^2/NDF:24498.7/16

Right Out: 2033.490+/-0.554 χ^2/NDF: 611009.8/18

Left In: 1849.071+/-0.370 χ^2/NDF:7393.8/15

Left: 1854.778+/-0.261 χ^2/NDF: 32369.8/32

Right: 2019.360+/-0.396 χ^2/NDF: 1528357.7/35

In: 1895.461+/-0.310 χ^2/NDF:976220.7/32

Out: 1913.882+/-0.308 χ^2/NDF:703035.1/35

All: 1904.732+/-0.218 χ^2/NDF: 1681038.3/68

asym_at1_avg_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -333.706+/-184.308 χ^2/NDF:21.8/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 131.952+/-188.433 χ^2/NDF:8.6/15

Left: -106.029+/-131.760 χ^2/NDF: 33.5/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 131.952+/-188.433 χ^2/NDF:8.6/15

Out: -333.706+/-184.308 χ^2/NDF:21.8/16

All: -106.029+/-131.760 χ^2/NDF: 33.5/32

asym_at1_avg_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 624.061+/-0.130 χ^2/NDF:1979762.7/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 638.830+/-0.133 χ^2/NDF:2071070.0/15

Left: 631.282+/-0.093 χ^2/NDF: 4057111.8/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 638.830+/-0.133 χ^2/NDF:2071070.0/15

Out: 624.061+/-0.130 χ^2/NDF:1979762.7/16

All: 631.282+/-0.093 χ^2/NDF: 4057111.8/32

asym_at1_avg_mean vs Slug, Sign Corrected

Right In: 2566.797+/-856.089 χ^2/NDF: 15.6/16

Left Out: 2217.347+/-566.125 χ^2/NDF:19.2/16

Right Out: 1737.684+/-853.181 χ^2/NDF: 20.5/18

Left In: 1978.395+/-567.073 χ^2/NDF:23.3/15

Left: 2098.071+/-400.646 χ^2/NDF: 42.6/32

Right: 2150.830+/-604.316 χ^2/NDF: 36.5/35

In: 2157.836+/-472.762 χ^2/NDF:39.2/32

Out: 2070.715+/-471.723 χ^2/NDF:40.0/35

All: 2114.180+/-333.925 χ^2/NDF: 79.2/68

asym_at1_avg_rms vs Slug, Sign Corrected

Right In: 2158.148+/-0.605 χ^2/NDF: 713862.1/16

Left Out: 2009.644+/-0.400 χ^2/NDF:112742.4/16

Right Out: 2199.343+/-0.603 χ^2/NDF: 803022.0/18

Left In: 2002.479+/-0.401 χ^2/NDF:99550.0/15

Left: 2006.067+/-0.283 χ^2/NDF: 212452.3/32

Right: 2178.816+/-0.427 χ^2/NDF: 1519207.5/35

In: 2049.952+/-0.334 χ^2/NDF:859375.1/32

Out: 2067.635+/-0.334 χ^2/NDF:984412.5/35

All: 2058.813+/-0.236 χ^2/NDF: 1845189.6/68

dit_asym_at1_dd_mean vs Slug, Sign Corrected

Right In: -18.275+/-801.405 χ^2/NDF: 15.8/16

Left Out: -564.641+/-520.654 χ^2/NDF:17.8/16

Right Out: -1095.433+/-769.722 χ^2/NDF: 19.4/18

Left In: -397.308+/-520.678 χ^2/NDF:28.1/15

Left: -480.978+/-368.166 χ^2/NDF: 45.9/32

Right: -578.567+/-555.139 χ^2/NDF: 36.2/35

In: -284.802+/-436.617 χ^2/NDF:44.1/32

Out: -731.264+/-431.260 χ^2/NDF:37.5/35

All: -510.789+/-306.823 χ^2/NDF: 82.1/68

dit_asym_at1_dd_rms vs Slug, Sign Corrected

Right In: 2010.272+/-0.567 χ^2/NDF: 839746.7/16

Left Out: 1852.186+/-0.368 χ^2/NDF:23201.3/16

Right Out: 2004.882+/-0.544 χ^2/NDF: 367513.0/18

Left In: 1842.264+/-0.368 χ^2/NDF:5659.4/15

Left: 1847.225+/-0.260 χ^2/NDF: 29223.9/32

Right: 2007.469+/-0.393 χ^2/NDF: 1207306.7/35

In: 1892.133+/-0.309 χ^2/NDF:907215.2/32

Out: 1900.120+/-0.305 χ^2/NDF:444715.1/35

All: 1896.175+/-0.217 χ^2/NDF: 1352269.1/68

asym_at1_dd_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 652.556+/-127.694 χ^2/NDF:36.3/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 106.787+/-126.153 χ^2/NDF:14.5/15

Left: 376.357+/-89.743 χ^2/NDF: 60.0/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 106.787+/-126.153 χ^2/NDF:14.5/15

Out: 652.556+/-127.694 χ^2/NDF:36.3/16

All: 376.357+/-89.743 χ^2/NDF: 60.0/32

asym_at1_dd_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 449.269+/-0.090 χ^2/NDF:428820.8/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 445.203+/-0.089 χ^2/NDF:204249.0/15

Left: 447.211+/-0.063 χ^2/NDF: 634096.1/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 445.203+/-0.089 χ^2/NDF:204249.0/15

Out: 449.269+/-0.090 χ^2/NDF:428820.8/16

All: 447.211+/-0.063 χ^2/NDF: 634096.1/32

asym_at1_dd_mean vs Slug, Sign Corrected

Right In: -458.311+/-865.151 χ^2/NDF: 18.1/16

Left Out: -1221.062+/-537.203 χ^2/NDF:20.9/16

Right Out: -1104.312+/-867.160 χ^2/NDF: 16.9/18

Left In: -488.193+/-536.312 χ^2/NDF:26.6/15

Left: -854.019+/-379.545 χ^2/NDF: 48.5/32

Right: -780.562+/-612.463 χ^2/NDF: 35.2/35

In: -479.898+/-455.832 χ^2/NDF:44.7/32

Out: -1188.682+/-456.673 χ^2/NDF:37.9/35

All: -833.637+/-322.619 χ^2/NDF: 83.8/68

asym_at1_dd_rms vs Slug, Sign Corrected

Right In: 2173.529+/-0.612 χ^2/NDF: 805360.7/16

Left Out: 1911.007+/-0.380 χ^2/NDF:30796.9/16

Right Out: 2228.892+/-0.613 χ^2/NDF: 895863.4/18

Left In: 1897.742+/-0.379 χ^2/NDF:5959.6/15

Left: 1904.363+/-0.268 χ^2/NDF: 37367.2/32

Right: 2201.146+/-0.433 χ^2/NDF: 1705309.7/35

In: 1974.302+/-0.322 χ^2/NDF:958134.2/32

Out: 1999.169+/-0.323 χ^2/NDF:1120887.4/35

All: 1986.713+/-0.228 χ^2/NDF: 2081992.4/68

dit_asym_at2_avg_mean vs Slug, Sign Corrected

Right In: 2496.610+/-768.295 χ^2/NDF: 5.9/16

Left Out: 650.179+/-654.414 χ^2/NDF:27.6/16

Right Out: 1902.970+/-736.793 χ^2/NDF: 23.5/18

Left In: 3528.337+/-641.910 χ^2/NDF:8.0/15

Left: 2117.017+/-458.256 χ^2/NDF: 45.4/32

Right: 2187.370+/-531.779 χ^2/NDF: 29.7/35

In: 3104.202+/-492.604 χ^2/NDF:14.9/32

Out: 1202.650+/-489.284 χ^2/NDF:52.6/35

All: 2146.998+/-347.144 χ^2/NDF: 75.0/68

dit_asym_at2_avg_rms vs Slug, Sign Corrected

Right In: 1934.404+/-0.543 χ^2/NDF: 638920.4/16

Left Out: 2310.271+/-0.463 χ^2/NDF:347930.3/16

Right Out: 1885.547+/-0.521 χ^2/NDF: 752091.8/18

Left In: 2267.906+/-0.454 χ^2/NDF:89760.2/15

Left: 2288.680+/-0.324 χ^2/NDF: 441962.1/32

Right: 1908.949+/-0.376 χ^2/NDF: 1395226.1/35

In: 2130.806+/-0.348 χ^2/NDF:950612.4/32

Out: 2122.932+/-0.346 χ^2/NDF:1471608.1/35

All: 2126.842+/-0.245 χ^2/NDF: 2422477.7/68

asym_at2_avg_correction_mean vs Slug, Sign Corrected
40000
20000
0
−20000
−40000
−60000
140
145
150
155
160
165
170
Right In: 0.000+/-0.000 χ²/NDF: 0.0/0
Left Out: 127.968+/-2483.928 χ²/NDF:22.3/16
Right Out: 0.000+/-0.000 χ²/NDF: 0.0/0
Left In: 2166.409+/-2761.541 χ²/NDF:11.2/15
Left: 1039.607+/-1846.774 χ²/NDF: 33.8/32
Right: 0.000+/-0.000 χ²/NDF: 0.0/0
In: 2166.409+/-2761.541 χ²/NDF:11.2/15
Out: 127.968+/-2483.928 χ²/NDF:22.3/16
All: 1039.607+/-1846.774 χ²/NDF: 33.8/32

asym_at2_avg_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 8371.155+/-1.756 χ^2/NDF:2292171.2/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 9591.114+/-1.953 χ^2/NDF:938908.2/15

Left: 8916.749+/-1.306 χ^2/NDF: 3446837.5/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 9591.114+/-1.953 χ^2/NDF:938908.2/15

Out: 8371.155+/-1.756 χ^2/NDF:2292171.2/16

All: 8916.749+/-1.306 χ^2/NDF: 3446837.5/32

asym_at2_avg_mean vs Slug, Sign Corrected

Right In: 5238.554+/-2946.164 χ^2/NDF: 14.5/16

Left Out: 484.766+/-2633.088 χ^2/NDF:18.4/16

Right Out: 3976.061+/-2790.421 χ^2/NDF: 15.6/18

Left In: 1361.889+/-2780.041 χ^2/NDF:10.0/15

Left: 899.534+/-1911.716 χ^2/NDF: 28.5/32

Right: 4573.057+/-2025.948 χ^2/NDF: 30.2/35

In: 3187.850+/-2021.965 χ^2/NDF:25.4/32

Out: 2129.219+/-1915.081 χ^2/NDF:34.9/35

All: 2629.816+/-1390.418 χ^2/NDF: 60.5/68

asym_at2_avg_rms vs Slug, Sign Corrected

Right In: 7483.785+/-2.083 χ^2/NDF: 431806.2/16

Left Out: 9121.358+/-1.862 χ^2/NDF:1161142.2/16

Right Out: 7191.451+/-1.973 χ^2/NDF: 558753.1/18

Left In: 9659.973+/-1.966 χ^2/NDF:909477.1/15

Left: 9376.054+/-1.352 χ^2/NDF: 2110192.3/32

Right: 7329.673+/-1.432 χ^2/NDF: 1000940.7/35

In: 8634.932+/-1.430 χ^2/NDF:1918534.7/32

Out: 8212.220+/-1.354 χ^2/NDF:2226029.4/35

All: 8412.098+/-0.983 χ^2/NDF: 4190644.7/68

dit_asym_at2_dd_mean vs Slug, Sign Corrected

Right In: -1120.496+/-679.161 χ^2/NDF: 12.3/16

Left Out: -51.773+/-528.804 χ^2/NDF:21.6/16

Right Out: 2.515+/-639.678 χ^2/NDF: 15.5/18

Left In: -213.743+/-520.322 χ^2/NDF:11.0/15

Left: -134.067+/-370.886 χ^2/NDF: 32.6/32

Right: -525.400+/-465.654 χ^2/NDF: 29.2/35

In: -549.114+/-413.039 χ^2/NDF:24.4/32

Out: -29.734+/-407.570 χ^2/NDF:37.1/35

All: -285.963+/-290.110 χ^2/NDF: 62.2/68

dit_asym_at2_dd_rms vs Slug, Sign Corrected

Right In: 1701.283+/-0.480 χ^2/NDF: 778718.7/16

Left Out: 1868.898+/-0.374 χ^2/NDF:453239.4/16

Right Out: 1651.734+/-0.452 χ^2/NDF: 588842.2/18

Left In: 1841.957+/-0.368 χ^2/NDF:73334.1/15

Left: 1855.210+/-0.262 χ^2/NDF: 529211.1/32

Right: 1675.026+/-0.329 χ^2/NDF: 1373201.9/35

In: 1789.927+/-0.292 χ^2/NDF:906122.3/32

Out: 1780.738+/-0.288 χ^2/NDF:1179012.5/35

All: 1785.271+/-0.205 χ^2/NDF: 2085636.4/68

asym_at2_dd_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1376.808+/-1097.227 χ^2/NDF:21.2/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -526.991+/-1078.536 χ^2/NDF:10.7/15

Left: 408.555+/-769.163 χ^2/NDF: 33.4/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -526.991+/-1078.536 χ^2/NDF:10.7/15

Out: 1376.808+/-1097.227 χ^2/NDF:21.2/16

All: 408.555+/-769.163 χ^2/NDF: 33.4/32

asym_at2_dd_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 3875.452+/-0.776 χ^2/NDF:487263.7/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 3818.473+/-0.763 χ^2/NDF:68811.0/15

Left: 3846.473+/-0.544 χ^2/NDF: 558817.8/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3818.473+/-0.763 χ^2/NDF:68811.0/15

Out: 3875.452+/-0.776 χ^2/NDF:487263.7/16

All: 3846.473+/-0.544 χ^2/NDF: 558817.8/32

asym_at2_dd_mean vs Slug, Sign Corrected

Right In: 903.274+/-961.918 χ^2/NDF: 21.6/16

Left Out: -1383.492+/-604.637 χ^2/NDF:22.5/16

Right Out: 1231.015+/-925.029 χ^2/NDF: 8.9/18

Left In: 300.051+/-592.982 χ^2/NDF:10.2/15

Left: -525.338+/-423.362 χ^2/NDF: 36.6/32

Right: 1073.549+/-666.754 χ^2/NDF: 30.6/35

In: 466.162+/-504.776 χ^2/NDF:32.1/32

Out: -600.839+/-506.110 χ^2/NDF:37.0/35

All: -65.930+/-357.401 χ^2/NDF: 71.3/68

asym_at2_dd_rms vs Slug, Sign Corrected

Right In: 2436.256+/-0.680 χ^2/NDF: 468552.3/16

Left Out: 2132.228+/-0.428 χ^2/NDF:568061.9/16

Right Out: 2361.558+/-0.654 χ^2/NDF: 655845.9/18

Left In: 2099.497+/-0.419 χ^2/NDF:67670.9/15

Left: 2115.544+/-0.299 χ^2/NDF: 638720.2/32

Right: 2397.448+/-0.471 χ^2/NDF: 1130664.2/35

In: 2192.232+/-0.357 χ^2/NDF:713850.6/32

Out: 2200.878+/-0.358 χ^2/NDF:1310036.3/35

All: 2196.544+/-0.253 χ^2/NDF: 2024179.5/68

dit_asym_atl_avg_mean vs Slug, Sign Corrected

Right In: 1783.505+/-694.403 χ^2/NDF: 12.4/16

Left Out: 1064.907+/-568.614 χ^2/NDF:28.8/16

Right Out: 1229.293+/-708.144 χ^2/NDF: 24.2/18

Left In: 2563.983+/-558.479 χ^2/NDF:24.3/15

Left: 1827.924+/-398.439 χ^2/NDF: 56.7/32

Right: 1511.828+/-495.804 χ^2/NDF: 37.0/35

In: 2257.433+/-435.194 χ^2/NDF:37.5/32

Out: 1129.347+/-443.371 χ^2/NDF:53.1/35

All: 1703.889+/-310.579 χ^2/NDF: 93.9/68

dit_asym_atl_avg_rms vs Slug, Sign Corrected

Right In: 1746.836+/-0.491 χ^2/NDF: 682484.5/16

Left Out: 2004.909+/-0.402 χ^2/NDF:405701.4/16

Right Out: 1835.413+/-0.500 χ^2/NDF: 550402.9/18

Left In: 1972.606+/-0.395 χ^2/NDF:60361.3/15

Left: 1988.467+/-0.282 χ^2/NDF: 469348.1/32

Right: 1790.310+/-0.350 χ^2/NDF: 1248859.1/35

In: 1883.930+/-0.308 χ^2/NDF:871223.3/32

Out: 1938.369+/-0.313 χ^2/NDF:1025869.1/35

All: 1910.655+/-0.220 χ^2/NDF: 1912456.6/68

asym_atl_avg_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -1476.450+/-734.290 χ^2/NDF:22.8/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 1191.517+/-1577.756 χ^2/NDF:10.8/15

Left: -1001.455+/-665.724 χ^2/NDF: 36.0/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1191.517+/-1577.756 χ^2/NDF:10.8/15

Out: -1476.450+/-734.290 χ^2/NDF:22.8/16

All: -1001.455+/-665.724 χ^2/NDF: 36.0/32

asym_atl_avg_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1663.640+/-0.519 χ^2/NDF:14746121.4/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 5480.166+/-1.116 χ^2/NDF:938560.6/15

Left: 2343.120+/-0.471 χ^2/NDF: 25303898.7/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5480.166+/-1.116 χ^2/NDF:938560.6/15

Out: 1663.640+/-0.519 χ^2/NDF:14746121.4/16

All: 2343.120+/-0.471 χ^2/NDF: 25303898.7/3

asym_atl_avg_mean vs Slug, Sign Corrected

Right In: 1814.267+/-1301.312 χ^2/NDF: 15.0/16

Left Out: 1485.334+/-1603.054 χ^2/NDF:22.7/16

Right Out: 488.360+/-1286.073 χ^2/NDF: 26.5/18

Left In: 1954.074+/-1656.472 χ^2/NDF:8.8/15

Left: 1712.024+/-1151.952 χ^2/NDF: 31.6/32

Right: 1143.505+/-914.731 χ^2/NDF: 42.0/35

In: 1867.622+/-1023.306 χ^2/NDF:23.9/32

Out: 878.765+/-1003.145 χ^2/NDF:49.4/35

All: 1363.356+/-716.352 χ^2/NDF: 73.8/68

asym_atl_avg_rms vs Slug, Sign Corrected

Right In: 3111.560+/-0.920 χ^2/NDF: 1878991.5/16

Left Out: 5602.976+/-1.134 χ^2/NDF:752599.5/16

Right Out: 3075.800+/-0.896 χ^2/NDF: 2009557.4/18

Left In: 5767.374+/-1.171 χ^2/NDF:798168.6/15

Left: 5682.481+/-0.815 χ^2/NDF: 1560940.7/32

Right: 3093.209+/-0.642 χ^2/NDF: 3889323.9/35

In: 4125.093+/-0.724 χ^2/NDF:5856281.7/32

Out: 4047.917+/-0.703 χ^2/NDF:5820710.4/35

All: 4085.393+/-0.504 χ^2/NDF: 11682843.9/6

dit_asym_atl_dd_mean vs Slug, Sign Corrected

Right In: 232.323+/-686.786 χ^2/NDF: 11.5/16

Left Out: 423.942+/-551.065 χ^2/NDF:26.1/16

Right Out: -726.169+/-684.175 χ^2/NDF: 25.8/18

Left In: -783.572+/-541.732 χ^2/NDF:4.7/15

Left: -190.126+/-386.320 χ^2/NDF: 33.3/32

Right: -248.748+/-484.705 χ^2/NDF: 38.3/35

In: -393.924+/-425.337 χ^2/NDF:17.6/32

Out: -28.600+/-429.167 χ^2/NDF:53.6/35

All: -212.899+/-302.104 χ^2/NDF: 71.6/68

dit_asym_atl_dd_rms vs Slug, Sign Corrected

Right In: 1751.850+/-0.486 χ^2/NDF: 300898.3/16

Left Out: 1943.866+/-0.390 χ^2/NDF:398399.5/16

Right Out: 1780.209+/-0.483 χ^2/NDF: 428327.5/18

Left In: 1914.434+/-0.383 χ^2/NDF:43340.0/15

Left: 1928.899+/-0.273 χ^2/NDF: 444640.8/32

Right: 1766.106+/-0.342 χ^2/NDF: 730940.0/35

In: 1852.075+/-0.301 χ^2/NDF:413332.1/32

Out: 1879.347+/-0.303 χ^2/NDF:896269.6/35

All: 1865.597+/-0.214 χ^2/NDF: 1313678.6/68

asym_atl_dd_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 315.343+/-505.586 χ^2/NDF:24.1/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -1080.865+/-1355.639 χ^2/NDF:10.3/15

Left: 144.855+/-473.714 χ^2/NDF: 35.4/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1080.865+/-1355.639 χ^2/NDF:10.3/15

Out: 315.343+/-505.586 χ^2/NDF:24.1/16

All: 144.855+/-473.714 χ^2/NDF: 35.4/32

asym_atl_dd_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1007.657+/-0.358 χ^2/NDF:17066365.3/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 4706.196+/-0.959 χ^2/NDF:960786.8/15

Left: 1459.277+/-0.335 χ^2/NDF: 31096180.2/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4706.196+/-0.959 χ^2/NDF:960786.8/15

Out: 1007.657+/-0.358 χ^2/NDF:17066365.3/16

All: 1459.277+/-0.335 χ^2/NDF: 31096180.2/3

asym_atl_dd_mean vs Slug, Sign Corrected

Right In: -765.107+/-1247.704 χ^2/NDF: 15.5/16

Left Out: -681.276+/-1418.460 χ^2/NDF:15.9/16

Right Out: -1004.792+/-1191.116 χ^2/NDF: 15.0/18

Left In: 409.923+/-1451.251 χ^2/NDF:11.4/15

Left: -148.144+/-1014.397 χ^2/NDF: 27.6/32

Right: -890.508+/-861.557 χ^2/NDF: 30.6/35

In: -265.708+/-946.111 χ^2/NDF:27.3/32

Out: -871.006+/-912.167 χ^2/NDF:31.0/35

All: -579.410+/-656.672 χ^2/NDF: 58.5/68

asym_atl_dd_rms vs Slug, Sign Corrected

Right In: 3105.849+/-0.882 χ^2/NDF: 959826.4/16

Left Out: 4973.228+/-1.003 χ^2/NDF:610563.1/16

Right Out: 3018.781+/-0.832 χ^2/NDF: 794275.0/18

Left In: 5057.680+/-1.026 χ^2/NDF:767308.4/15

Left: 5014.489+/-0.717 χ^2/NDF: 1381335.3/32

Right: 3059.752+/-0.605 χ^2/NDF: 1759257.8/35

In: 3935.391+/-0.669 χ^2/NDF:3807269.7/32

Out: 3815.164+/-0.640 χ^2/NDF:3654685.1/35

All: 3872.639+/-0.463 χ^2/NDF: 7478811.9/68

dit_asym_atr_avg_mean vs Slug, Sign Corrected

Right In: 2978.445+/-795.398 χ^2/NDF: 9.9/16

Left Out: 1692.736+/-568.750 χ^2/NDF:13.8/16

Right Out: 2613.881+/-783.228 χ^2/NDF: 19.6/18

Left In: 3100.906+/-567.106 χ^2/NDF:23.0/15

Left: 2398.860+/-401.584 χ^2/NDF: 39.9/32

Right: 2793.353+/-558.079 χ^2/NDF: 29.6/35

In: 3059.634+/-461.757 χ^2/NDF:32.9/32

Out: 2010.766+/-460.212 χ^2/NDF:34.3/35

All: 2533.442+/-325.964 χ^2/NDF: 69.8/68

dit_asym_atr_avg_rms vs Slug, Sign Corrected

Right In: 2012.945+/-0.562 χ^2/NDF: 617707.4/16

Left Out: 2023.312+/-0.402 χ^2/NDF:48970.2/16

Right Out: 2025.070+/-0.554 χ^2/NDF: 597422.5/18

Left In: 2009.276+/-0.401 χ^2/NDF:32758.4/15

Left: 2016.274+/-0.284 χ^2/NDF: 82339.4/32

Right: 2019.103+/-0.395 χ^2/NDF: 1215366.0/35

In: 2010.513+/-0.327 χ^2/NDF:650494.0/32

Out: 2023.919+/-0.325 χ^2/NDF:646399.4/35

All: 2017.239+/-0.230 χ^2/NDF: 1297739.2/68

asym_atr_avg_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 175.018+/-1378.395 χ^2/NDF:21.9/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 1078.779+/-1390.237 χ^2/NDF:11.3/15

Left: 623.033+/-978.832 χ^2/NDF: 33.4/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1078.779+/-1390.237 χ^2/NDF:11.3/15

Out: 175.018+/-1378.395 χ^2/NDF:21.9/16

All: 623.033+/-978.832 χ^2/NDF: 33.4/32

asym_atr_avg_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 4805.697+/-0.975 χ^2/NDF:697057.9/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 4826.573+/-0.983 χ^2/NDF:959889.6/15

Left: 4816.046+/-0.692 χ^2/NDF: 1657174.9/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4826.573+/-0.983 χ^2/NDF:959889.6/15

Out: 4805.697+/-0.975 χ^2/NDF:697057.9/16

All: 4816.046+/-0.692 χ^2/NDF: 1657174.9/32

asym_atr_avg_mean vs Slug, Sign Corrected

Right In: 4198.770+/-1857.803 χ^2/NDF: 14.1/16

Left Out: 1060.905+/-1471.448 χ^2/NDF:16.2/16

Right Out: 4023.682+/-1725.187 χ^2/NDF: 14.8/18

Left In: 1698.306+/-1483.404 χ^2/NDF:13.6/15

Left: 1377.027+/-1044.672 χ^2/NDF: 29.9/32

Right: 4104.755+/-1264.177 χ^2/NDF: 29.0/35

In: 2671.824+/-1159.207 χ^2/NDF:28.8/32

Out: 2308.590+/-1119.539 χ^2/NDF:32.8/35

All: 2483.886+/-805.292 χ^2/NDF: 61.7/68

asym_atr_avg_rms vs Slug, Sign Corrected

Right In: 4667.470+/-1.314 χ^2/NDF: 777857.9/16

Left Out: 5169.016+/-1.040 χ^2/NDF:518426.4/16

Right Out: 4360.582+/-1.213 χ^2/NDF: 832745.2/18

Left In: 5169.390+/-1.049 χ^2/NDF:783086.9/15

Left: 5169.202+/-0.739 χ^2/NDF: 1301513.4/32

Right: 4501.800+/-0.891 χ^2/NDF: 1640064.7/35

In: 4973.975+/-0.820 χ^2/NDF:1650090.9/32

Out: 4826.284+/-0.790 χ^2/NDF:1607112.7/35

All: 4897.379+/-0.569 χ^2/NDF: 3274040.7/68

dit_asym_atr_dd_mean vs Slug, Sign Corrected

Right In: -1027.051+/-796.597 χ^2/NDF: 13.1/16

Left Out: 925.183+/-555.078 χ^2/NDF:20.0/16

Right Out: 428.488+/-760.817 χ^2/NDF: 10.8/18

Left In: -504.105+/-554.690 χ^2/NDF:17.3/15

Left: 210.039+/-392.362 χ^2/NDF: 40.6/32

Right: -265.860+/-550.193 χ^2/NDF: 25.6/35

In: -674.868+/-455.204 χ^2/NDF:30.6/32

Out: 752.641+/-448.419 χ^2/NDF:31.0/35

All: 49.606+/-319.452 χ^2/NDF: 66.6/68

dit_asym_atr_dd_rms vs Slug, Sign Corrected

Right In: 2013.270+/-0.563 χ^2/NDF: 650048.6/16

Left Out: 1975.771+/-0.392 χ^2/NDF:30797.2/16

Right Out: 1977.545+/-0.537 χ^2/NDF: 294899.1/18

Left In: 1965.923+/-0.392 χ^2/NDF:22470.5/15

Left: 1970.844+/-0.277 χ^2/NDF: 53582.7/32

Right: 1994.568+/-0.389 χ^2/NDF: 947053.5/35

In: 1981.384+/-0.322 χ^2/NDF:677277.3/32

Out: 1976.388+/-0.317 χ^2/NDF:325703.4/35

All: 1978.848+/-0.226 χ^2/NDF: 1003103.0/68

asym_atr_dd_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -1279.666+/-1191.259 χ^2/NDF:21.3/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -1006.058+/-1219.098 χ^2/NDF:12.8/15

Left: -1146.022+/-852.019 χ^2/NDF: 34.2/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1006.058+/-1219.098 χ^2/NDF:12.8/15

Out: -1279.666+/-1191.259 χ^2/NDF:21.3/16

All: -1146.022+/-852.019 χ^2/NDF: 34.2/32

asym_atr_dd_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 4144.683+/-0.842 χ^2/NDF:785957.5/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 4230.774+/-0.862 χ^2/NDF:968746.5/15

Left: 4186.734+/-0.602 χ^2/NDF: 1759806.2/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4230.774+/-0.862 χ^2/NDF:968746.5/15

Out: 4144.683+/-0.842 χ^2/NDF:785957.5/16

All: 4186.734+/-0.602 χ^2/NDF: 1759806.2/32

asym_atr_dd_mean vs Slug, Sign Corrected

Right In: -2462.254+/-1797.293 χ^2/NDF: 20.8/16

Left Out: 2020.182+/-1305.097 χ^2/NDF:20.6/16

Right Out: -666.170+/-1689.812 χ^2/NDF: 11.9/18

Left In: 621.220+/-1329.482 χ^2/NDF:11.0/15

Left: 1333.648+/-931.345 χ^2/NDF: 32.2/32

Right: -1508.905+/-1231.122 χ^2/NDF: 33.3/35

In: -469.285+/-1068.840 χ^2/NDF:33.8/32

Out: 1016.483+/-1032.901 χ^2/NDF:34.1/35

All: 298.997+/-742.752 χ^2/NDF: 68.8/68

asym_atr_dd_rms vs Slug, Sign Corrected

Right In: 4518.684+/-1.271 χ^2/NDF: 770226.9/16

Left Out: 4584.208+/-0.923 χ^2/NDF:535361.5/16

Right Out: 4296.379+/-1.188 χ^2/NDF: 771702.5/18

Left In: 4638.721+/-0.940 χ^2/NDF:735979.9/15

Left: 4610.960+/-0.659 χ^2/NDF: 1273053.8/32

Right: 4400.071+/-0.868 χ^2/NDF: 1558255.2/35

In: 4596.268+/-0.756 χ^2/NDF:1511972.9/32

Out: 4475.917+/-0.729 χ^2/NDF:1343663.3/35

All: 4533.910+/-0.525 χ^2/NDF: 2868774.9/68

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1356.860+/-431.031 χ^2/NDF:19.9/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 2956.562+/-424.350 χ^2/NDF:19.3/15

Left: 2169.205+/-302.395 χ^2/NDF: 46.2/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2956.562+/-424.350 χ^2/NDF:19.3/15

Out: 1356.860+/-431.031 χ^2/NDF:19.9/16

All: 2169.205+/-302.395 χ^2/NDF: 46.2/32

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1524.669+/-0.305 χ^2/NDF:223879.8/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 1499.227+/-0.300 χ^2/NDF:59717.2/15

Left: 1511.749+/-0.214 χ^2/NDF: 287135.5/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1499.227+/-0.300 χ^2/NDF:59717.2/15

Out: 1524.669+/-0.305 χ^2/NDF:223879.8/16

All: 1511.749+/-0.214 χ^2/NDF: 287135.5/32

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -215.918+/-1346.635 χ^2/NDF:22.2/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 1136.201+/-1483.502 χ^2/NDF:11.0/15

Left: 394.905+/-997.099 χ^2/NDF: 33.6/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1136.201+/-1483.502 χ^2/NDF:11.0/15

Out: -215.918+/-1346.635 χ^2/NDF:22.2/16

All: 394.905+/-997.099 χ^2/NDF: 33.6/32

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 4557.176+/-0.952 χ^2/NDF:2107217.2/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 5151.924+/-1.049 χ^2/NDF:945946.8/15

Left: 4825.855+/-0.705 χ^2/NDF: 3229400.9/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5151.924+/-1.049 χ^2/NDF:945946.8/15

Out: 4557.176+/-0.952 χ^2/NDF:2107217.2/16

All: 4825.855+/-0.705 χ^2/NDF: 3229400.9/32

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1111.115+/-1446.342 χ^2/NDF:19.0/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 1989.997+/-1517.585 χ^2/NDF:10.1/15

Left: 1529.443+/-1046.999 χ^2/NDF: 29.3/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1989.997+/-1517.585 χ^2/NDF:10.1/15

Out: 1111.115+/-1446.342 χ^2/NDF:19.0/16

All: 1529.443+/-1046.999 χ^2/NDF: 29.3/32

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 5024.315+/-1.023 χ^2/NDF:1041044.3/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 5277.121+/-1.073 χ^2/NDF:871284.4/15

Left: 5144.645+/-0.740 χ^2/NDF: 1941412.3/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5277.121+/-1.073 χ^2/NDF:871284.4/15

Out: 5024.315+/-1.023 χ^2/NDF:1041044.3/16

All: 5144.645+/-0.740 χ^2/NDF: 1941412.3/32

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -327.171+/-376.344 χ^2/NDF:21.9/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -234.374+/-371.760 χ^2/NDF:28.1/15

Left: -280.204+/-264.480 χ^2/NDF: 50.1/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -234.374+/-371.760 χ^2/NDF:28.1/15

Out: -327.171+/-376.344 χ^2/NDF:21.9/16

All: -280.204+/-264.480 χ^2/NDF: 50.1/32

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1333.053+/-0.266 χ^2/NDF:261721.0/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 1314.962+/-0.263 χ^2/NDF:31546.0/15

Left: 1323.896+/-0.187 χ^2/NDF: 295606.1/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1314.962+/-0.263 χ^2/NDF:31546.0/15

Out: 1333.053+/-0.266 χ^2/NDF:261721.0/16

All: 1323.896+/-0.187 χ^2/NDF: 295606.1/32

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -331.695+/-104.752 χ^2/NDF:32.3/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 39.442+/-102.243 χ^2/NDF:9.8/15

Left: -141.628+/-73.168 χ^2/NDF: 48.5/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 39.442+/-102.243 χ^2/NDF:9.8/15

Out: -331.695+/-104.752 χ^2/NDF:32.3/16

All: -141.628+/-73.168 χ^2/NDF: 48.5/32

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 355.451+/-0.074 χ^2/NDF:2088066.4/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 352.884+/-0.072 χ^2/NDF:1266429.9/15

Left: 354.136+/-0.052 χ^2/NDF: 3355111.4/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 352.884+/-0.072 χ^2/NDF:1266429.9/15

Out: 355.451+/-0.074 χ^2/NDF:2088066.4/16

All: 354.136+/-0.052 χ^2/NDF: 3355111.4/32

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 30.221+/-394.531 χ^2/NDF:21.1/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -305.208+/-388.046 χ^2/NDF:23.7/15

Left: -140.273+/-276.654 χ^2/NDF: 45.2/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -305.208+/-388.046 χ^2/NDF:23.7/15

Out: 30.221+/-394.531 χ^2/NDF:21.1/16

All: -140.273+/-276.654 χ^2/NDF: 45.2/32

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1392.138+/-0.279 χ^2/NDF:464084.7/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 1372.443+/-0.274 χ^2/NDF:42233.6/15

Left: 1382.127+/-0.196 χ^2/NDF: 508851.4/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1372.443+/-0.274 χ^2/NDF:42233.6/15

Out: 1392.138+/-0.279 χ^2/NDF:464084.7/16

All: 1382.127+/-0.196 χ^2/NDF: 508851.4/32

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected
30000
20000
10000
0
−10000
−20000
−30000
100
110
120
130
140
150
160
170
Right In: -174.841+/-554.659 χ²/NDF: 11.8/16
Left Out: 643.212+/-414.469 χ²/NDF:26.9/16
Right Out: -164.937+/-540.101 χ²/NDF: 20.7/18
Left In: -643.508+/-408.665 χ²/NDF:10.9/15
Left: -9.221+/-291.000 χ²/NDF: 42.7/32
Right: -169.758+/-386.953 χ²/NDF: 32.4/35
In: -478.607+/-329.007 χ²/NDF:23.1/32
Out: 343.688+/-328.810 χ²/NDF:48.9/35
All: -67.214+/-232.573 χ²/NDF: 75.2/68

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected

Right In: 1402.709+/-0.392 χ^2/NDF: 526326.4/16

Left Out: 1467.188+/-0.293 χ^2/NDF:203673.7/16

Right Out: 1397.442+/-0.382 χ^2/NDF: 353365.4/18

Left In: 1444.895+/-0.289 χ^2/NDF:36522.5/15

Left: 1455.884+/-0.206 χ^2/NDF: 243130.0/32

Right: 1400.004+/-0.274 χ^2/NDF: 879784.5/35

In: 1430.051+/-0.233 χ^2/NDF:570347.7/32

Out: 1441.319+/-0.232 χ^2/NDF:578044.6/35

All: 1435.690+/-0.164 χ^2/NDF: 1149566.2/68

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -359.514+/-1136.550 χ^2/NDF:22.3/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -1035.032+/-1274.179 χ^2/NDF:11.4/15

Left: -658.833+/-848.162 χ^2/NDF: 33.9/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1035.032+/-1274.179 χ^2/NDF:11.4/15

Out: -359.514+/-1136.550 χ^2/NDF:22.3/16

All: -658.833+/-848.162 χ^2/NDF: 33.9/32

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 3812.534+/-0.804 χ^2/NDF:2491713.2/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 4420.573+/-0.901 χ^2/NDF:985366.9/15

Left: 4081.954+/-0.600 χ^2/NDF: 3730717.0/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4420.573+/-0.901 χ^2/NDF:985366.9/15

Out: 3812.534+/-0.804 χ^2/NDF:2491713.2/16

All: 4081.954+/-0.600 χ^2/NDF: 3730717.0/32

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected

Right In: -1487.038+/-1499.116 χ^2/NDF: 16.7/16

Left Out: 725.122+/-1261.001 χ^2/NDF:17.7/16

Right Out: -894.160+/-1378.910 χ^2/NDF: 14.1/18

Left In: 563.725+/-1320.413 χ^2/NDF:11.2/15

Left: 648.136+/-911.943 χ^2/NDF: 28.9/32

Right: -1165.879+/-1014.876 χ^2/NDF: 30.9/35

In: -332.198+/-990.862 χ^2/NDF:29.0/32

Out: -12.340+/-930.560 χ^2/NDF:32.6/35

All: -162.240+/-678.322 χ^2/NDF: 61.6/68

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected

Right In: 3825.844+/-1.060 χ^2/NDF: 334404.3/16

Left Out: 4386.057+/-0.892 χ^2/NDF:979778.5/16

Right Out: 3528.289+/-0.966 χ^2/NDF: 555414.1/18

Left In: 4592.847+/-0.934 χ^2/NDF:870474.1/15

Left: 4484.695+/-0.645 χ^2/NDF: 1875907.5/32

Right: 3663.316+/-0.714 χ^2/NDF: 932858.8/35

In: 4257.754+/-0.701 χ^2/NDF:1499708.8/32

Out: 3991.520+/-0.655 χ^2/NDF:1960846.4/35

All: 4115.737+/-0.479 χ^2/NDF: 3537577.6/68

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected

Right In: 411.419+/-527.980 χ^2/NDF: 16.5/16

Left Out: -289.182+/-372.490 χ^2/NDF:17.4/16

Right Out: -682.176+/-510.196 χ^2/NDF: 18.0/18

Left In: -165.467+/-367.841 χ^2/NDF:11.4/15

Left: -226.548+/-261.731 χ^2/NDF: 28.9/32

Right: -154.107+/-366.889 χ^2/NDF: 36.8/35

In: 23.044+/-301.815 χ^2/NDF:28.7/32

Out: -425.826+/-300.842 χ^2/NDF:35.8/35

All: -202.115+/-213.071 χ^2/NDF: 65.7/68

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected

Right In: 1330.889+/-0.373 χ^2/NDF: 603474.5/16

Left Out: 1319.359+/-0.263 χ^2/NDF:258291.0/16

Right Out: 1322.706+/-0.361 χ^2/NDF: 394413.6/18

Left In: 1301.088+/-0.260 χ^2/NDF:30665.5/15

Left: 1310.109+/-0.185 χ^2/NDF: 291392.7/32

Right: 1326.657+/-0.259 χ^2/NDF: 998136.6/35

In: 1310.826+/-0.213 χ^2/NDF:638429.8/32

Out: 1320.523+/-0.213 χ^2/NDF:652760.7/35

All: 1315.690+/-0.151 χ^2/NDF: 1292226.0/68

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 962.051+/-192.844 χ^2/NDF:38.9/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -17.558+/-188.491 χ^2/NDF:9.5/15

Left: 461.066+/-134.796 χ^2/NDF: 61.6/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -17.558+/-188.491 χ^2/NDF:9.5/15

Out: 962.051+/-192.844 χ^2/NDF:38.9/16

All: 461.066+/-134.796 χ^2/NDF: 61.6/32

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 676.668+/-0.136 χ^2/NDF:593149.8/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 666.219+/-0.133 χ^2/NDF:140568.0/15

Left: 671.325+/-0.095 χ^2/NDF: 736720.6/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 666.219+/-0.133 χ^2/NDF:140568.0/15

Out: 676.668+/-0.136 χ^2/NDF:593149.8/16

All: 671.325+/-0.095 χ^2/NDF: 736720.6/32

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected

Right In: -2.204+/-745.061 χ^2/NDF: 23.5/16

Left Out: -1380.570+/-421.157 χ^2/NDF:19.4/16

Right Out: -345.148+/-733.723 χ^2/NDF: 10.7/18

Left In: -162.068+/-414.588 χ^2/NDF:12.7/15

Left: -761.742+/-295.453 χ^2/NDF: 36.3/32

Right: -176.305+/-522.783 χ^2/NDF: 34.3/35

In: -124.272+/-362.278 χ^2/NDF:36.2/32

Out: -1123.967+/-365.261 χ^2/NDF:31.6/35

All: -620.020+/-257.217 χ^2/NDF: 71.6/68

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected

Right In: 1888.810+/-0.527 χ^2/NDF: 465842.8/16

Left Out: 1491.277+/-0.298 χ^2/NDF:298784.3/16

Right Out: 1901.248+/-0.519 χ^2/NDF: 461424.3/18

Left In: 1467.138+/-0.293 χ^2/NDF:27372.3/15

Left: 1479.018+/-0.209 χ^2/NDF: 329493.3/32

Right: 1895.125+/-0.370 χ^2/NDF: 927550.0/35

In: 1566.834+/-0.256 χ^2/NDF:982374.6/32

Out: 1592.880+/-0.258 χ^2/NDF:1229888.5/35

All: 1579.750+/-0.182 χ^2/NDF: 2217389.4/68

dit_asym_atl1_mean vs Slug, Sign Corrected

Right In: 2227.517+/-1039.288 χ^2/NDF: 13.6/16

Left Out: 1721.015+/-688.297 χ^2/NDF:16.0/16

Right Out: 907.837+/-1046.878 χ^2/NDF: 22.9/18

Left In: 1715.724+/-685.257 χ^2/NDF:21.0/15

Left: 1718.358+/-485.621 χ^2/NDF: 37.0/32

Right: 1572.479+/-737.556 χ^2/NDF: 37.3/35

In: 1870.804+/-572.092 χ^2/NDF:34.8/32

Out: 1475.590+/-575.126 χ^2/NDF:39.3/35

All: 1674.242+/-405.599 χ^2/NDF: 74.3/68

dit_asym_atl1_rms vs Slug, Sign Corrected

Right In: 2627.570+/-0.735 χ^2/NDF: 644396.7/16

Left Out: 2447.397+/-0.487 χ^2/NDF:64773.1/16

Right Out: 2731.271+/-0.740 χ^2/NDF: 598207.5/18

Left In: 2424.834+/-0.485 χ^2/NDF:10006.3/15

Left: 2436.065+/-0.343 χ^2/NDF: 75858.7/32

Right: 2679.043+/-0.522 χ^2/NDF: 1252488.0/35

In: 2486.265+/-0.405 χ^2/NDF:707448.2/32

Out: 2533.073+/-0.407 χ^2/NDF:765655.3/35

All: 2509.545+/-0.287 χ^2/NDF: 1479762.2/68

asym_atl1_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 379.218+/-223.636 χ^2/NDF:30.1/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 225.103+/-232.605 χ^2/NDF:14.7/15

Left: 305.189+/-161.212 χ^2/NDF: 45.0/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 225.103+/-232.605 χ^2/NDF:14.7/15

Out: 379.218+/-223.636 χ^2/NDF:30.1/16

All: 305.189+/-161.212 χ^2/NDF: 45.0/32

asym_atl1_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 767.403+/-0.158 χ^2/NDF:1449405.6/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 797.424+/-0.164 χ^2/NDF:1563911.4/15

Left: 781.824+/-0.114 χ^2/NDF: 3030628.2/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 797.424+/-0.164 χ^2/NDF:1563911.4/15

Out: 767.403+/-0.158 χ^2/NDF:1449405.6/16

All: 781.824+/-0.114 χ^2/NDF: 3030628.2/32

asym_atl1_mean vs Slug, Sign Corrected

Right In: 2037.803+/-1151.419 χ^2/NDF: 14.8/16

Left Out: 1057.047+/-734.853 χ^2/NDF:21.5/16

Right Out: 1080.125+/-1186.666 χ^2/NDF: 25.3/18

Left In: 1492.671+/-733.316 χ^2/NDF:15.6/15

Left: 1275.315+/-519.075 χ^2/NDF: 37.3/32

Right: 1573.398+/-826.356 χ^2/NDF: 40.5/35

In: 1649.979+/-618.526 χ^2/NDF:30.6/32

Out: 1063.444+/-624.761 χ^2/NDF:46.8/35

All: 1359.653+/-439.552 χ^2/NDF: 77.9/68

asym_atl1_rms vs Slug, Sign Corrected

Right In: 2909.732+/-0.814 χ^2/NDF: 641894.7/16

Left Out: 2610.223+/-0.520 χ^2/NDF:110189.4/16

Right Out: 3039.118+/-0.839 χ^2/NDF: 1011306.5/18

Left In: 2591.750+/-0.519 χ^2/NDF:65696.5/15

Left: 2600.967+/-0.367 χ^2/NDF: 176519.2/32

Right: 2972.475+/-0.584 χ^2/NDF: 1665447.8/35

In: 2683.510+/-0.437 χ^2/NDF:816109.5/32

Out: 2729.106+/-0.442 χ^2/NDF:1310339.1/35

All: 2706.079+/-0.311 χ^2/NDF: 2131828.6/68

dit_asym_atl2_mean vs Slug, Sign Corrected

Right In: 1451.980+/-889.008 χ^2/NDF: 7.4/16

Left Out: 527.377+/-870.881 χ^2/NDF:35.0/16

Right Out: 1969.182+/-850.490 χ^2/NDF: 22.4/18

Left In: 3202.629+/-853.024 χ^2/NDF:9.1/15

Left: 1892.712+/-609.394 χ^2/NDF: 49.0/32

Right: 1722.028+/-614.553 χ^2/NDF: 30.0/35

In: 2363.451+/-615.507 χ^2/NDF:18.5/32

Out: 1265.357+/-608.469 χ^2/NDF:58.8/35

All: 1808.090+/-432.719 χ^2/NDF: 79.0/68

dit_asym_atl2_rms vs Slug, Sign Corrected

Right In: 2223.132+/-0.629 χ^2/NDF: 850289.4/16

Left Out: 3064.152+/-0.616 χ^2/NDF:565896.9/16

Right Out: 2198.760+/-0.601 χ^2/NDF: 602418.1/18

Left In: 3014.892+/-0.603 χ^2/NDF:97433.0/15

Left: 3039.012+/-0.431 χ^2/NDF: 666595.6/32

Right: 2210.398+/-0.434 χ^2/NDF: 1453492.9/35

In: 2635.360+/-0.435 χ^2/NDF:1773665.0/32

Out: 2620.893+/-0.430 χ^2/NDF:2179854.2/35

All: 2628.040+/-0.306 χ^2/NDF: 3954078.3/68

asym_atl2_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -1889.958+/-1121.388 χ^2/NDF:23.1/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 2264.776+/-2934.678 χ^2/NDF:10.6/15

Left: -1360.606+/-1047.517 χ^2/NDF: 35.4/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2264.776+/-2934.678 χ^2/NDF:10.6/15

Out: -1889.958+/-1121.388 χ^2/NDF:23.1/16

All: -1360.606+/-1047.517 χ^2/NDF: 35.4/32

asym_atl2_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 2265.847+/-0.793 χ^2/NDF:16848395.1/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 10195.134+/-2.075 χ^2/NDF:928934.3/15

Left: 3276.113+/-0.741 χ^2/NDF: 30517871.5/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 10195.134+/-2.075 χ^2/NDF:928934.3/15

Out: 2265.847+/-0.793 χ^2/NDF:16848395.1/16

All: 3276.113+/-0.741 χ^2/NDF: 30517871.5/3

asym_atl2_mean vs Slug, Sign Corrected

Right In: 3859.866+/-2508.782 χ^2/NDF: 14.8/16

Left Out: 2306.292+/-2910.570 χ^2/NDF:19.1/16

Right Out: 2482.925+/-2421.310 χ^2/NDF: 20.0/18

Left In: 1423.671+/-3011.386 χ^2/NDF:9.7/15

Left: 1880.003+/-2092.818 χ^2/NDF: 28.9/32

Right: 3146.972+/-1742.228 χ^2/NDF: 35.0/35

In: 2861.757+/-1927.522 χ^2/NDF:24.9/32

Out: 2410.681+/-1861.411 χ^2/NDF:39.2/35

All: 2628.351+/-1338.979 χ^2/NDF: 64.1/68

asym_atl2_rms vs Slug, Sign Corrected

Right In: 6330.291+/-1.774 χ^2/NDF: 593395.6/16

Left Out: 10161.804+/-2.058 χ^2/NDF:803377.5/16

Right Out: 6253.330+/-1.712 χ^2/NDF: 535355.5/18

Left In: 10476.733+/-2.129 χ^2/NDF:848647.4/15

Left: 10313.909+/-1.480 χ^2/NDF: 1663334.0/32

Right: 6290.444+/-1.232 χ^2/NDF: 1129725.5/35

In: 8029.079+/-1.363 χ^2/NDF:3680366.3/32

Out: 7851.828+/-1.316 χ^2/NDF:3470248.9/35

All: 7937.359+/-0.947 χ^2/NDF: 7159366.7/68

dit_asym_atr1_mean vs Slug, Sign Corrected

Right In: 2005.383+/-1134.240 χ^2/NDF: 12.1/16

Left Out: 2734.248+/-778.059 χ^2/NDF:19.9/16

Right Out: 2781.006+/-1086.164 χ^2/NDF: 9.9/18

Left In: 2562.770+/-781.894 χ^2/NDF:30.8/15

Left: 2648.930+/-551.522 χ^2/NDF: 50.7/32

Right: 2409.980+/-784.479 χ^2/NDF: 22.2/35

In: 2383.218+/-643.755 χ^2/NDF:43.0/32

Out: 2750.104+/-632.519 χ^2/NDF:29.8/35

All: 2569.891+/-451.178 χ^2/NDF: 73.0/68

dit_asym_atr1_rms vs Slug, Sign Corrected

Right In: 2869.197+/-0.802 χ^2/NDF: 669900.5/16

Left Out: 2774.312+/-0.550 χ^2/NDF:5091.7/16

Right Out: 2841.561+/-0.768 χ^2/NDF: 312523.0/18

Left In: 2771.878+/-0.553 χ^2/NDF:4817.5/15

Left: 2773.101+/-0.390 χ^2/NDF: 9918.9/32

Right: 2854.781+/-0.555 χ^2/NDF: 983042.8/35

In: 2803.227+/-0.455 χ^2/NDF:684698.7/32

Out: 2797.117+/-0.447 χ^2/NDF:322681.4/35

All: 2800.119+/-0.319 χ^2/NDF: 1007471.8/68

asym_atr1_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -1038.770+/-237.291 χ^2/NDF:25.8/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 106.983+/-233.692 χ^2/NDF:8.0/15

Left: -457.138+/-166.503 χ^2/NDF: 45.6/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 106.983+/-233.692 χ^2/NDF:8.0/15

Out: -1038.770+/-237.291 χ^2/NDF:25.8/16

All: -457.138+/-166.503 χ^2/NDF: 45.6/32

asym_atr1_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 821.706+/-0.168 χ^2/NDF:1038877.6/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 810.696+/-0.165 χ^2/NDF:1039859.4/15

Left: 816.117+/-0.118 χ^2/NDF: 2080923.0/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 810.696+/-0.165 χ^2/NDF:1039859.4/15

Out: 821.706+/-0.168 χ^2/NDF:1038877.6/16

All: 816.117+/-0.118 χ^2/NDF: 2080923.0/32

asym_atr1_mean vs Slug, Sign Corrected

Right In: 2330.134+/-1156.555 χ^2/NDF: 14.4/16

Left Out: 3393.507+/-820.025 χ^2/NDF:21.0/16

Right Out: 2403.750+/-1110.093 χ^2/NDF: 10.1/18

Left In: 2435.412+/-822.046 χ^2/NDF:31.6/15

Left: 2915.639+/-580.559 χ^2/NDF: 53.3/32

Right: 2368.450+/-800.876 χ^2/NDF: 24.5/35

In: 2400.077+/-670.038 χ^2/NDF:46.0/32

Out: 3044.089+/-659.581 χ^2/NDF:31.5/35

All: 2727.148+/-470.048 χ^2/NDF: 78.0/68

asym_atr1_rms vs Slug, Sign Corrected

Right In: 2926.610+/-0.818 χ^2/NDF: 662794.4/16

Left Out: 2921.917+/-0.580 χ^2/NDF:33948.6/16

Right Out: 2900.827+/-0.785 χ^2/NDF: 169866.6/18

Left In: 2912.728+/-0.581 χ^2/NDF:29225.9/15

Left: 2917.333+/-0.411 χ^2/NDF: 63299.8/32

Right: 2913.190+/-0.566 χ^2/NDF: 833178.3/35

In: 2917.387+/-0.474 χ^2/NDF:692211.7/32

Out: 2914.471+/-0.466 χ^2/NDF:204282.2/35

All: 2915.906+/-0.332 χ^2/NDF: 896513.2/68

dit_asym_atr2_mean vs Slug, Sign Corrected

Right In: 3645.268+/-1091.486 χ^2/NDF: 9.9/16

Left Out: 762.471+/-804.147 χ^2/NDF:13.2/16

Right Out: 2295.846+/-1046.865 χ^2/NDF: 18.4/18

Left In: 3641.665+/-800.174 χ^2/NDF:9.0/15

Left: 2209.197+/-567.208 χ^2/NDF: 28.6/32

Right: 2942.410+/-755.528 χ^2/NDF: 29.1/35

In: 3642.924+/-645.335 χ^2/NDF:18.8/32

Out: 1331.490+/-637.720 χ^2/NDF:32.9/35

All: 2473.489+/-453.604 χ^2/NDF: 58.3/68

dit_asym_atr2_rms vs Slug, Sign Corrected

Right In: 2774.617+/-0.772 χ^2/NDF: 501680.3/16

Left Out: 2858.541+/-0.569 χ^2/NDF:95038.0/16

Right Out: 2692.509+/-0.740 χ^2/NDF: 780267.3/18

Left In: 2834.300+/-0.566 χ^2/NDF:63561.9/15

Left: 2846.360+/-0.401 χ^2/NDF: 159513.2/32

Right: 2731.837+/-0.534 χ^2/NDF: 1287844.4/35

In: 2813.437+/-0.456 χ^2/NDF:569131.6/32

Out: 2796.903+/-0.451 χ^2/NDF:906957.0/35

All: 2805.071+/-0.321 χ^2/NDF: 1476752.8/68

asym_atr2_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1495.537+/-2571.339 χ^2/NDF:21.6/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 2075.032+/-2607.887 χ^2/NDF:12.0/15

Left: 1781.196+/-1830.996 χ^2/NDF: 33.7/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2075.032+/-2607.887 χ^2/NDF:12.0/15

Out: 1495.537+/-2571.339 χ^2/NDF:21.6/16

All: 1781.196+/-1830.996 χ^2/NDF: 33.7/32

asym_atr2_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 8965.926+/-1.818 χ^2/NDF:688475.3/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 9057.510+/-1.844 χ^2/NDF:937078.7/15

Left: 9011.071+/-1.295 χ^2/NDF: 1626804.7/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 9057.510+/-1.844 χ^2/NDF:937078.7/15

Out: 8965.926+/-1.818 χ^2/NDF:688475.3/16

All: 9011.071+/-1.295 χ^2/NDF: 1626804.7/32

asym_atr2_mean vs Slug, Sign Corrected

Right In: 6767.402+/-3387.139 χ^2/NDF: 15.3/16

Left Out: -1229.385+/-2645.326 χ^2/NDF:18.0/16

Right Out: 5041.440+/-3167.616 χ^2/NDF: 13.6/18

Left In: 1011.120+/-2679.885 χ^2/NDF:10.6/15

Left: -123.672+/-1882.627 χ^2/NDF: 29.0/32

Right: 5846.682+/-2313.559 χ^2/NDF: 29.1/35

In: 3227.228+/-2101.636 χ^2/NDF:27.8/32

Out: 1347.109+/-2030.415 χ^2/NDF:33.9/35

All: 2254.772+/-1460.250 χ^2/NDF: 62.1/68

asym_atr2_rms vs Slug, Sign Corrected

Right In: 8513.665+/-2.395 χ^2/NDF: 762614.5/16

Left Out: 9275.545+/-1.871 χ^2/NDF:583600.4/16

Right Out: 8044.739+/-2.240 χ^2/NDF: 952310.5/18

Left In: 9324.202+/-1.895 χ^2/NDF:858320.6/15

Left: 9299.558+/-1.331 χ^2/NDF: 1442254.9/32

Right: 8263.507+/-1.636 χ^2/NDF: 1735374.5/35

In: 9012.154+/-1.486 χ^2/NDF:1691370.6/32

Out: 8769.822+/-1.436 χ^2/NDF:1713810.0/35

All: 8886.811+/-1.033 χ^2/NDF: 3418934.5/68

dit_asym_sam1_mean vs Slug, Sign Corrected

Right In: 26.932+/-34.029 χ^2/NDF: 12.6/16

Left Out: -137.378+/-22.913 χ^2/NDF:20.0/16

Right Out: 17.368+/-35.548 χ^2/NDF: 21.9/18

Left In: -152.625+/-23.440 χ^2/NDF:13.1/15

Left: -144.828+/-16.385 χ^2/NDF: 33.3/32

Right: 22.359+/-24.581 χ^2/NDF: 34.5/35

In: -94.843+/-19.304 χ^2/NDF:44.6/32

Out: -91.957+/-19.259 χ^2/NDF:55.3/35

All: -93.397+/-13.634 χ^2/NDF: 99.8/68

dit_asym_sam1_rms vs Slug, Sign Corrected

Right In: 84.737+/-0.024 χ^2/NDF: 1064420.0/16

Left Out: 81.544+/-0.016 χ^2/NDF:54565.8/16

Right Out: 89.143+/-0.025 χ^2/NDF: 1559269.8/18

Left In: 83.017+/-0.017 χ^2/NDF:64138.3/15

Left: 82.264+/-0.012 χ^2/NDF: 122742.8/32

Right: 86.844+/-0.017 χ^2/NDF: 2639723.0/35

In: 83.571+/-0.014 χ^2/NDF:1132022.7/32

Out: 83.775+/-0.014 χ^2/NDF:1678400.0/35

All: 83.673+/-0.010 χ^2/NDF: 2810534.5/68

asym_sam1_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -15.723+/-97.633 χ^2/NDF:20.4/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -57.045+/-96.942 χ^2/NDF:31.6/15

Left: -36.531+/-68.792 χ^2/NDF: 52.1/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -57.045+/-96.942 χ^2/NDF:31.6/15

Out: -15.723+/-97.633 χ^2/NDF:20.4/16

All: -36.531+/-68.792 χ^2/NDF: 52.1/32

asym_sam1_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 342.812+/-0.069 χ^2/NDF:496640.8/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 338.239+/-0.069 χ^2/NDF:687742.1/15

Left: 340.509+/-0.049 χ^2/NDF: 1186591.7/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 338.239+/-0.069 χ^2/NDF:687742.1/15

Out: 342.812+/-0.069 χ^2/NDF:496640.8/16

All: 340.509+/-0.049 χ^2/NDF: 1186591.7/32

asym_sam1_mean vs Slug, Sign Corrected

Right In: 143.486+/-179.237 χ^2/NDF: 12.8/16

Left Out: -120.059+/-97.651 χ^2/NDF:16.4/16

Right Out: 237.821+/-183.995 χ^2/NDF: 21.7/18

Left In: -82.891+/-97.401 χ^2/NDF:31.3/15

Left: -101.427+/-68.961 χ^2/NDF: 47.8/32

Right: 189.418+/-128.389 χ^2/NDF: 34.6/35

In: -31.281+/-85.581 χ^2/NDF:45.3/32

Out: -41.408+/-86.256 χ^2/NDF:41.0/35

All: -36.305+/-60.752 χ^2/NDF: 86.4/68

asym_sam1_rms vs Slug, Sign Corrected

Right In: 428.856+/-0.127 χ^2/NDF: 2012329.6/16

Left Out: 344.261+/-0.069 χ^2/NDF:467435.4/16

Right Out: 452.517+/-0.130 χ^2/NDF: 2039238.5/18

Left In: 340.175+/-0.069 χ^2/NDF:635886.7/15

Left: 342.213+/-0.049 χ^2/NDF: 1105077.7/32

Right: 440.377+/-0.091 χ^2/NDF: 4068538.6/35

In: 360.392+/-0.061 χ^2/NDF:3026192.3/32

Out: 368.052+/-0.061 χ^2/NDF:3046864.5/35

All: 364.192+/-0.043 χ^2/NDF: 6081005.0/68

dit_asym_sam2_mean vs Slug, Sign Corrected

Right In: 381.893+/-141.192 χ^2/NDF: 9.4/16

Left Out: -207.159+/-86.664 χ^2/NDF:22.6/16

Right Out: 77.490+/-143.469 χ^2/NDF: 16.8/18

Left In: -248.281+/-87.339 χ^2/NDF:10.7/15

Left: -227.561+/-61.518 χ^2/NDF: 33.4/32

Right: 232.126+/-100.633 χ^2/NDF: 28.5/35

In: -73.883+/-74.277 χ^2/NDF:34.6/32

Out: -131.061+/-74.181 χ^2/NDF:42.2/35

All: -102.509+/-52.487 χ^2/NDF: 77.1/68

dit_asym_sam2_rms vs Slug, Sign Corrected

Right In: 357.664+/-0.100 χ^2/NDF: 629671.7/16

Left Out: 307.006+/-0.061 χ^2/NDF:248943.6/16

Right Out: 370.794+/-0.101 χ^2/NDF: 784786.3/18

Left In: 308.342+/-0.062 χ^2/NDF:187649.0/15

Left: 307.669+/-0.043 χ^2/NDF: 436828.2/32

Right: 364.124+/-0.071 χ^2/NDF: 1422966.9/35

In: 321.991+/-0.053 χ^2/NDF:993840.3/32

Out: 324.059+/-0.052 χ^2/NDF:1323390.5/35

All: 323.027+/-0.037 χ^2/NDF: 2318006.9/68

asym_sam2_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -1983.950+/-612.650 χ^2/NDF:29.3/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -641.790+/-616.916 χ^2/NDF:24.3/15

Left: -1317.526+/-434.709 χ^2/NDF: 56.0/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -641.790+/-616.916 χ^2/NDF:24.3/15

Out: -1983.950+/-612.650 χ^2/NDF:29.3/16

All: -1317.526+/-434.709 χ^2/NDF: 56.0/32

asym_sam2_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 2158.006+/-0.433 χ^2/NDF:389786.4/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 2173.137+/-0.436 χ^2/NDF:284066.2/15

Left: 2165.519+/-0.307 χ^2/NDF: 674458.3/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2173.137+/-0.436 χ^2/NDF:284066.2/15

Out: 2158.006+/-0.433 χ^2/NDF:389786.4/16

All: 2165.519+/-0.307 χ^2/NDF: 674458.3/32

asym_sam2_mean vs Slug, Sign Corrected

Right In: 2969.125+/-1440.489 χ^2/NDF: 17.4/16

Left Out: 1862.760+/-605.027 χ^2/NDF:24.9/16

Right Out: -358.685+/-1507.064 χ^2/NDF: 15.3/18

Left In: 427.023+/-610.539 χ^2/NDF:21.9/15

Left: 1151.402+/-429.754 χ^2/NDF: 49.5/32

Right: 1380.346+/-1041.320 χ^2/NDF: 35.3/35

In: 814.147+/-562.132 χ^2/NDF:41.9/32

Out: 1554.423+/-561.470 χ^2/NDF:42.1/35

All: 1184.721+/-397.253 χ^2/NDF: 84.9/68

asym_sam2_rms vs Slug, Sign Corrected

Right In: 3573.470+/-1.019 χ^2/NDF: 1088731.5/16

Left Out: 2137.001+/-0.428 χ^2/NDF:391482.1/16

Right Out: 3876.914+/-1.066 χ^2/NDF: 988409.8/18

Left In: 2149.709+/-0.432 χ^2/NDF:285978.6/15

Left: 2143.297+/-0.304 χ^2/NDF: 677897.8/32

Right: 3718.342+/-0.736 χ^2/NDF: 2119512.7/35

In: 2366.526+/-0.397 χ^2/NDF:3030991.3/32

Out: 2378.501+/-0.397 χ^2/NDF:3675645.4/35

All: 2372.521+/-0.281 χ^2/NDF: 6707091.1/68

dit_asym_sam3_mean vs Slug, Sign Corrected

Right In: 81.851+/-51.907 χ^2/NDF: 11.5/16

Left Out: 24.679+/-28.577 χ^2/NDF:26.0/16

Right Out: 59.008+/-53.165 χ^2/NDF: 16.4/18

Left In: 60.257+/-29.139 χ^2/NDF:22.6/15

Left: 42.122+/-20.403 χ^2/NDF: 49.3/32

Right: 70.703+/-37.141 χ^2/NDF: 28.1/35

In: 65.431+/-25.409 χ^2/NDF:34.2/32

Out: 32.374+/-25.171 χ^2/NDF:42.8/35

All: 48.747+/-17.882 χ^2/NDF: 77.8/68

dit_asym_sam3_rms vs Slug, Sign Corrected

Right In: 126.339+/-0.037 χ^2/NDF: 1310585.0/16

Left Out: 98.518+/-0.020 χ^2/NDF:962615.0/16

Right Out: 131.007+/-0.038 χ^2/NDF: 1429260.8/18

Left In: 99.936+/-0.021 χ^2/NDF:925770.8/15

Left: 99.213+/-0.014 χ^2/NDF: 1890799.0/32

Right: 128.617+/-0.026 χ^2/NDF: 2747739.0/35

In: 106.262+/-0.018 χ^2/NDF:2629848.0/32

Out: 105.801+/-0.018 χ^2/NDF:2971336.1/35

All: 106.029+/-0.013 χ^2/NDF: 5601517.4/68

asym_sam3_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -1448.582+/-246.263 χ^2/NDF:38.5/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -206.777+/-238.039 χ^2/NDF:12.2/15

Left: -806.598+/-171.152 χ^2/NDF: 63.8/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -206.777+/-238.039 χ^2/NDF:12.2/15

Out: -1448.582+/-246.263 χ^2/NDF:38.5/16

All: -806.598+/-171.152 χ^2/NDF: 63.8/32

asym_sam3_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 842.133+/-0.174 χ^2/NDF:1789963.6/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 813.189+/-0.168 χ^2/NDF:1695737.4/15

Left: 827.170+/-0.121 χ^2/NDF: 3499983.8/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 813.189+/-0.168 χ^2/NDF:1695737.4/15

Out: 842.133+/-0.174 χ^2/NDF:1789963.6/16

All: 827.170+/-0.121 χ^2/NDF: 3499983.8/32

asym_sam3_mean vs Slug, Sign Corrected

Right In: 666.453+/-618.839 χ^2/NDF: 25.6/16

Left Out: 1552.502+/-248.767 χ^2/NDF:35.3/16

Right Out: -1094.278+/-602.639 χ^2/NDF: 11.0/18

Left In: 252.149+/-240.810 χ^2/NDF:12.6/15

Left: 881.195+/-173.023 χ^2/NDF: 62.0/32

Right: -237.260+/-431.744 χ^2/NDF: 40.8/35

In: 306.634+/-224.418 χ^2/NDF:38.6/32

Out: 1167.152+/-229.946 χ^2/NDF:62.8/35

All: 726.424+/-160.606 χ^2/NDF: 108.5/68

asym_sam3_rms vs Slug, Sign Corrected

Right In: 1565.623+/-0.438 χ^2/NDF: 490790.2/16

Left Out: 855.459+/-0.176 χ^2/NDF:1617219.3/16

Right Out: 1573.366+/-0.426 χ^2/NDF: 462040.3/18

Left In: 823.265+/-0.170 χ^2/NDF:1558819.8/15

Left: 838.839+/-0.122 χ^2/NDF: 3193331.8/32

Right: 1569.597+/-0.305 χ^2/NDF: 952991.2/35

In: 920.892+/-0.159 χ^2/NDF:4549183.9/32

Out: 959.981+/-0.163 χ^2/NDF:4504284.2/35

All: 939.961+/-0.114 χ^2/NDF: 9083067.6/68

dit_asym_sam4_mean vs Slug, Sign Corrected

Right In: 64.087+/-105.336 χ^2/NDF: 16.8/16

Left Out: 243.858+/-83.556 χ^2/NDF:13.8/16

Right Out: 265.661+/-99.379 χ^2/NDF: 14.7/18

Left In: 308.753+/-84.783 χ^2/NDF:15.7/15

Left: 275.833+/-59.512 χ^2/NDF: 29.8/32

Right: 170.735+/-72.286 χ^2/NDF: 33.4/35

In: 212.565+/-66.047 χ^2/NDF:35.7/32

Out: 252.888+/-63.955 χ^2/NDF:28.5/35

All: 233.375+/-45.945 χ^2/NDF: 64.4/68

dit_asym_sam4_rms vs Slug, Sign Corrected

Right In: 266.624+/-0.074 χ^2/NDF: 550752.5/16

Left Out: 293.294+/-0.059 χ^2/NDF:395285.3/16

Right Out: 256.268+/-0.070 χ^2/NDF: 696896.2/18

Left In: 297.459+/-0.060 χ^2/NDF:154464.3/15

Left: 295.346+/-0.042 χ^2/NDF: 552197.8/32

Right: 261.145+/-0.051 χ^2/NDF: 1257876.6/35

In: 285.337+/-0.047 χ^2/NDF:809217.8/32

Out: 277.960+/-0.045 χ^2/NDF:1254826.3/35

All: 281.530+/-0.032 χ^2/NDF: 2076919.3/68

asym_sam4_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -3364.881+/-599.283 χ^2/NDF:26.9/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 161.147+/-593.108 χ^2/NDF:17.8/15

Left: -1583.605+/-421.557 χ^2/NDF: 62.2/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 161.147+/-593.108 χ^2/NDF:17.8/15

Out: -3364.881+/-599.283 χ^2/NDF:26.9/16

All: -1583.605+/-421.557 χ^2/NDF: 62.2/32

asym_sam4_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 2102.139+/-0.424 χ^2/NDF:603989.6/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 2080.663+/-0.419 χ^2/NDF:463087.0/15

Left: 2091.290+/-0.298 χ^2/NDF: 1068374.1/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2080.663+/-0.419 χ^2/NDF:463087.0/15

Out: 2102.139+/-0.424 χ^2/NDF:603989.6/16

All: 2091.290+/-0.298 χ^2/NDF: 1068374.1/32

asym_sam4_mean vs Slug, Sign Corrected

Right In: 366.454+/-992.480 χ^2/NDF: 24.2/16

Left Out: 3664.425+/-595.355 χ^2/NDF:27.2/16

Right Out: -1557.388+/-924.003 χ^2/NDF: 10.5/18

Left In: 196.516+/-590.248 χ^2/NDF:18.6/15

Left: 1915.534+/-419.162 χ^2/NDF: 62.9/32

Right: -664.120+/-676.282 χ^2/NDF: 36.7/35

In: 240.917+/-507.312 χ^2/NDF:42.8/32

Out: 2132.547+/-500.466 χ^2/NDF:60.3/35

All: 1199.581+/-356.279 χ^2/NDF: 110.2/68

asym_sam4_rms vs Slug, Sign Corrected

Right In: 2474.389+/-0.702 χ^2/NDF: 906262.1/16

Left Out: 2094.716+/-0.421 χ^2/NDF:592236.3/16

Right Out: 2364.507+/-0.653 χ^2/NDF: 1023402.8/18

Left In: 2068.409+/-0.417 χ^2/NDF:476408.6/15

Left: 2081.449+/-0.296 χ^2/NDF: 1070614.2/32

Right: 2415.527+/-0.478 χ^2/NDF: 1942797.3/35

In: 2174.483+/-0.359 χ^2/NDF:1629886.1/32

Out: 2173.862+/-0.354 χ^2/NDF:1736125.5/35

All: 2174.168+/-0.252 χ^2/NDF: 3366013.1/68

dit_asym_sam5_mean vs Slug, Sign Corrected

Right In: 15.303+/-46.443 χ^2/NDF: 12.6/16

Left Out: 168.487+/-45.642 χ^2/NDF:17.3/16

Right Out: 91.634+/-43.318 χ^2/NDF: 15.7/18

Left In: 210.956+/-46.576 χ^2/NDF:14.1/15

Left: 189.292+/-32.599 χ^2/NDF: 31.8/32

Right: 56.123+/-31.678 χ^2/NDF: 29.7/35

In: 112.852+/-32.887 χ^2/NDF:35.5/32

Out: 128.054+/-31.420 χ^2/NDF:34.5/35

All: 120.800+/-22.718 χ^2/NDF: 70.1/68

dit_asym_sam5_rms vs Slug, Sign Corrected

Right In: 113.932+/-0.033 χ^2/NDF: 1407849.3/16

Left Out: 161.947+/-0.032 χ^2/NDF:164615.2/16

Right Out: 109.709+/-0.031 χ^2/NDF: 1242014.6/18

Left In: 164.525+/-0.033 χ^2/NDF:183738.2/15

Left: 163.210+/-0.023 χ^2/NDF: 351478.2/32

Right: 111.674+/-0.022 χ^2/NDF: 2658703.6/35

In: 139.156+/-0.023 χ^2/NDF:2774900.7/32

Out: 134.465+/-0.022 χ^2/NDF:2784924.3/35

All: 136.704+/-0.016 χ^2/NDF: 5581105.7/68

asym_sam5_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -496.775+/-283.871 χ^2/NDF:15.0/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 225.791+/-282.678 χ^2/NDF:33.0/15

Left: -133.970+/-200.304 χ^2/NDF: 51.3/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 225.791+/-282.678 χ^2/NDF:33.0/15

Out: -496.775+/-283.871 χ^2/NDF:15.0/16

All: -133.970+/-200.304 χ^2/NDF: 51.3/32

asym_sam5_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1002.122+/-0.201 χ^2/NDF:226468.2/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 994.421+/-0.200 χ^2/NDF:264605.2/15

Left: 998.255+/-0.142 χ^2/NDF: 491812.4/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 994.421+/-0.200 χ^2/NDF:264605.2/15

Out: 1002.122+/-0.201 χ^2/NDF:226468.2/16

All: 998.255+/-0.142 χ^2/NDF: 491812.4/32

asym_sam5_mean vs Slug, Sign Corrected

Right In: -157.178+/-312.499 χ^2/NDF: 16.2/16

Left Out: 639.164+/-278.147 χ^2/NDF:13.8/16

Right Out: -488.583+/-282.758 χ^2/NDF: 22.6/18

Left In: -11.955+/-277.661 χ^2/NDF:33.9/15

Left: 313.034+/-196.507 χ^2/NDF: 50.4/32

Right: -339.397+/-209.669 χ^2/NDF: 39.5/35

In: -76.024+/-207.565 χ^2/NDF:50.3/32

Out: 84.561+/-198.290 χ^2/NDF:44.5/35

All: 7.937+/-143.379 χ^2/NDF: 95.1/68

asym_sam5_rms vs Slug, Sign Corrected

Right In: 756.985+/-0.221 χ^2/NDF: 1711285.9/16

Left Out: 984.781+/-0.197 χ^2/NDF:228398.2/16

Right Out: 702.656+/-0.200 χ^2/NDF: 1689579.7/18

Left In: 976.099+/-0.196 χ^2/NDF:282810.3/15

Left: 980.432+/-0.139 χ^2/NDF: 512184.5/32

Right: 727.113+/-0.148 χ^2/NDF: 3434103.1/35

In: 879.432+/-0.147 χ^2/NDF:2543572.9/32

Out: 846.038+/-0.140 χ^2/NDF:2929869.9/35

All: 861.972+/-0.101 χ^2/NDF: 5500509.5/68

dit_asym_sam6_mean vs Slug, Sign Corrected

Right In: -32.694+/-48.431 χ^2/NDF: 19.7/16

Left Out: 309.846+/-45.639 χ^2/NDF:13.9/16

Right Out: -9.277+/-45.600 χ^2/NDF: 14.7/18

Left In: 359.927+/-47.570 χ^2/NDF:16.6/15

Left: 333.850+/-32.933 χ^2/NDF: 31.1/32

Right: -20.281+/-33.200 χ^2/NDF: 34.6/35

In: 167.140+/-33.937 χ^2/NDF:69.8/32

Out: 150.146+/-32.258 χ^2/NDF:53.1/35

All: 158.212+/-23.381 χ^2/NDF: 123.0/68

dit_asym_sam6_rms vs Slug, Sign Corrected

Right In: 120.207+/-0.034 χ^2/NDF: 1062326.6/16

Left Out: 162.090+/-0.032 χ^2/NDF:105991.7/16

Right Out: 116.618+/-0.032 χ^2/NDF: 997956.6/18

Left In: 168.072+/-0.034 χ^2/NDF:133954.1/15

Left: 164.957+/-0.023 χ^2/NDF: 256415.3/32

Right: 118.304+/-0.023 χ^2/NDF: 2066104.2/35

In: 144.569+/-0.024 χ^2/NDF:2190586.9/32

Out: 139.334+/-0.023 χ^2/NDF:2097496.8/35

All: 141.819+/-0.017 χ^2/NDF: 4313081.6/68

asym_sam6_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 552.888+/-293.336 χ^2/NDF:26.0/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 296.596+/-298.558 χ^2/NDF:27.5/15

Left: 427.003+/-209.242 χ^2/NDF: 53.8/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 296.596+/-298.558 χ^2/NDF:27.5/15

Out: 552.888+/-293.336 χ^2/NDF:26.0/16

All: 427.003+/-209.242 χ^2/NDF: 53.8/32

asym_sam6_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1034.402+/-0.207 χ^2/NDF:353958.8/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 1048.144+/-0.211 χ^2/NDF:462708.0/15

Left: 1041.152+/-0.148 χ^2/NDF: 818822.8/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1048.144+/-0.211 χ^2/NDF:462708.0/15

Out: 1034.402+/-0.207 χ^2/NDF:353958.8/16

All: 1041.152+/-0.148 χ^2/NDF: 818822.8/32

asym_sam6_mean vs Slug, Sign Corrected

Right In: -301.000+/-250.042 χ^2/NDF: 16.8/16

Left Out: -292.902+/-289.010 χ^2/NDF:22.8/16

Right Out: -100.857+/-245.981 χ^2/NDF: 22.5/18

Left In: 99.097+/-295.480 χ^2/NDF:25.8/15

Left: -101.241+/-206.611 χ^2/NDF: 49.5/32

Right: -199.290+/-175.353 χ^2/NDF: 39.7/35

In: -134.046+/-190.872 χ^2/NDF:43.7/32

Out: -181.533+/-187.319 χ^2/NDF:45.6/35

All: -158.236+/-133.693 χ^2/NDF: 89.3/68

asym_sam6_rms vs Slug, Sign Corrected

Right In: 564.003+/-0.177 χ^2/NDF: 3261491.3/16

Left Out: 1022.579+/-0.204 χ^2/NDF:341195.4/16

Right Out: 585.070+/-0.174 χ^2/NDF: 2820837.8/18

Left In: 1037.590+/-0.209 χ^2/NDF:423332.0/15

Left: 1029.918+/-0.146 χ^2/NDF: 767165.7/32

Right: 574.709+/-0.124 χ^2/NDF: 6089543.5/35

In: 761.623+/-0.135 χ^2/NDF:6678685.9/32

Out: 768.861+/-0.132 χ^2/NDF:5819942.6/35

All: 765.310+/-0.095 χ^2/NDF: 12500093.7/68

dit_asym_sam7_mean vs Slug, Sign Corrected

Right In: -64.797+/-34.629 χ^2/NDF: 6.2/16

Left Out: 92.046+/-24.249 χ^2/NDF:20.4/16

Right Out: -15.294+/-33.422 χ^2/NDF: 35.0/18

Left In: 100.606+/-24.445 χ^2/NDF:26.0/15

Left: 96.291+/-17.216 χ^2/NDF: 46.5/32

Right: -39.167+/-24.048 χ^2/NDF: 42.2/35

In: 45.596+/-19.971 χ^2/NDF:47.4/32

Out: 55.027+/-19.627 χ^2/NDF:62.2/35

All: 50.393+/-13.998 χ^2/NDF: 109.6/68

dit_asym_sam7_rms vs Slug, Sign Corrected

Right In: 88.186+/-0.024 χ^2/NDF: 394447.7/16

Left Out: 85.719+/-0.017 χ^2/NDF:159650.8/16

Right Out: 86.943+/-0.024 χ^2/NDF: 531359.9/18

Left In: 86.018+/-0.017 χ^2/NDF:134324.3/15

Left: 85.868+/-0.012 χ^2/NDF: 294126.2/32

Right: 87.542+/-0.017 χ^2/NDF: 927142.1/35

In: 86.739+/-0.014 χ^2/NDF:534002.1/32

Out: 86.141+/-0.014 χ^2/NDF:692767.2/35

All: 86.435+/-0.010 χ^2/NDF: 1227682.0/68

asym_sam7_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -504.579+/-97.469 χ^2/NDF:35.0/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -76.762+/-97.845 χ^2/NDF:15.6/15

Left: -291.492+/-69.054 χ^2/NDF: 60.2/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -76.762+/-97.845 χ^2/NDF:15.6/15

Out: -504.579+/-97.469 χ^2/NDF:35.0/16

All: -291.492+/-69.054 χ^2/NDF: 60.2/32

asym_sam7_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 340.367+/-0.069 χ^2/NDF:788790.2/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 342.384+/-0.069 χ^2/NDF:612787.7/15

Left: 341.372+/-0.049 χ^2/NDF: 1402004.3/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 342.384+/-0.069 χ^2/NDF:612787.7/15

Out: 340.367+/-0.069 χ^2/NDF:788790.2/16

All: 341.372+/-0.049 χ^2/NDF: 1402004.3/32

asym_sam7_mean vs Slug, Sign Corrected

Right In: 85.810+/-142.601 χ^2/NDF: 20.6/16

Left Out: 635.156+/-96.384 χ^2/NDF:29.8/16

Right Out: -284.456+/-129.599 χ^2/NDF: 10.6/18

Left In: 192.629+/-97.316 χ^2/NDF:15.9/15

Left: 416.021+/-68.481 χ^2/NDF: 56.1/32

Right: -116.969+/-95.908 χ^2/NDF: 34.9/35

In: 158.688+/-80.382 χ^2/NDF:36.8/32

Out: 307.656+/-77.340 χ^2/NDF:72.8/35

All: 236.044+/-55.732 χ^2/NDF: 111.4/68

asym_sam7_rms vs Slug, Sign Corrected

Right In: 339.553+/-0.101 χ^2/NDF: 2042244.1/16

Left Out: 337.775+/-0.068 χ^2/NDF:746275.2/16

Right Out: 309.105+/-0.092 χ^2/NDF: 2730308.7/18

Left In: 340.712+/-0.069 χ^2/NDF:565062.3/15

Left: 339.229+/-0.048 χ^2/NDF: 1312257.2/32

Right: 322.878+/-0.068 χ^2/NDF: 4822487.1/35

In: 340.343+/-0.057 χ^2/NDF:2607396.6/32

Out: 327.565+/-0.055 χ^2/NDF:3539602.7/35

All: 333.708+/-0.039 χ^2/NDF: 6173247.7/68

dit_asym_sam8_mean vs Slug, Sign Corrected

Right In: -196.599+/-30.399 χ^2/NDF: 19.0/16

Left Out: -209.329+/-20.716 χ^2/NDF:16.3/16

Right Out: -112.097+/-29.622 χ^2/NDF: 39.3/18

Left In: -189.554+/-20.887 χ^2/NDF:17.0/15

Left: -199.523+/-14.708 χ^2/NDF: 33.8/32

Right: -153.254+/-21.215 χ^2/NDF: 62.3/35

In: -191.814+/-17.215 χ^2/NDF:36.1/32

Out: -177.394+/-16.976 χ^2/NDF:62.9/35

All: -184.503+/-12.088 χ^2/NDF: 99.3/68

dit_asym_sam8_rms vs Slug, Sign Corrected

Right In: 76.692+/-0.021 χ^2/NDF: 600348.1/16

Left Out: 72.812+/-0.015 χ^2/NDF:253412.1/16

Right Out: 76.479+/-0.021 χ^2/NDF: 699361.8/18

Left In: 73.138+/-0.015 χ^2/NDF:185698.5/15

Left: 72.974+/-0.010 χ^2/NDF: 439357.5/32

Right: 76.583+/-0.015 χ^2/NDF: 1299760.4/35

In: 74.278+/-0.012 χ^2/NDF:804613.5/32

Out: 74.016+/-0.012 χ^2/NDF:973360.5/35

All: 74.145+/-0.009 χ^2/NDF: 1778208.9/68

asym_sam8_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -417.559+/-78.337 χ^2/NDF:32.5/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -25.502+/-80.230 χ^2/NDF:13.5/15

Left: -226.208+/-56.050 χ^2/NDF: 58.2/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -25.502+/-80.230 χ^2/NDF:13.5/15

Out: -417.559+/-78.337 χ^2/NDF:32.5/16

All: -226.208+/-56.050 χ^2/NDF: 58.2/32

asym_sam8_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 274.839+/-0.055 χ^2/NDF:591708.2/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 281.983+/-0.057 χ^2/NDF:401204.4/15

Left: 278.326+/-0.040 χ^2/NDF: 1001032.0/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 281.983+/-0.057 χ^2/NDF:401204.4/15

Out: 274.839+/-0.055 χ^2/NDF:591708.2/16

All: 278.326+/-0.040 χ^2/NDF: 1001032.0/32

asym_sam8_mean vs Slug, Sign Corrected

Right In: -54.933+/-90.355 χ^2/NDF: 16.5/16

Left Out: 231.811+/-77.184 χ^2/NDF:29.2/16

Right Out: -164.141+/-76.903 χ^2/NDF: 11.9/18

Left In: -156.492+/-79.463 χ^2/NDF:15.4/15

Left: 43.309+/-55.365 χ^2/NDF: 56.9/32

Right: -118.264+/-58.563 χ^2/NDF: 29.3/35

In: -112.200+/-59.670 χ^2/NDF:32.7/32

Out: 33.114+/-54.478 χ^2/NDF:54.3/35

All: -32.946+/-40.232 χ^2/NDF: 90.2/68

asym_sam8_rms vs Slug, Sign Corrected

Right In: 200.971+/-0.064 χ^2/NDF: 3436154.0/16

Left Out: 271.724+/-0.055 χ^2/NDF:566869.6/16

Right Out: 171.794+/-0.054 χ^2/NDF: 4092634.7/18

Left In: 279.311+/-0.056 χ^2/NDF:393062.3/15

Left: 275.408+/-0.039 χ^2/NDF: 969313.1/32

Right: 184.051+/-0.041 χ^2/NDF: 7649725.9/35

In: 245.145+/-0.042 χ^2/NDF:4676996.9/32

Out: 221.577+/-0.039 χ^2/NDF:6341889.5/35

All: 232.291+/-0.028 χ^2/NDF: 11189052.5/68

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 12.334+/-18.618 χ^2/NDF:16.9/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 32.500+/-18.942 χ^2/NDF:13.9/15

Left: 22.243+/-13.278 χ^2/NDF: 31.4/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 32.500+/-18.942 χ^2/NDF:13.9/15

Out: 12.334+/-18.618 χ^2/NDF:16.9/16

All: 22.243+/-13.278 χ^2/NDF: 31.4/32

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 66.041+/-0.013 χ^2/NDF:113118.2/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 66.933+/-0.013 χ^2/NDF:73289.9/15

Left: 66.479+/-0.009 χ^2/NDF: 188665.8/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 66.933+/-0.013 χ^2/NDF:73289.9/15

Out: 66.041+/-0.013 χ^2/NDF:113118.2/16

All: 66.479+/-0.009 χ^2/NDF: 188665.8/32

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -260.040+/-96.765 χ^2/NDF:13.5/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 84.401+/-96.781 χ^2/NDF:31.3/15

Left: -87.849+/-68.429 χ^2/NDF: 51.1/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 84.401+/-96.781 χ^2/NDF:31.3/15

Out: -260.040+/-96.765 χ^2/NDF:13.5/16

All: -87.849+/-68.429 χ^2/NDF: 51.1/32

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 341.713+/-0.068 χ^2/NDF:211622.0/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 341.168+/-0.068 χ^2/NDF:165985.3/15

Left: 341.441+/-0.048 χ^2/NDF: 377639.1/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 341.168+/-0.068 χ^2/NDF:165985.3/15

Out: 341.713+/-0.068 χ^2/NDF:211622.0/16

All: 341.441+/-0.048 χ^2/NDF: 377639.1/32

asym_sam_15_avg_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 261.775+/-95.026 χ^2/NDF:12.7/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -49.389+/-95.269 χ^2/NDF:32.0/15

Left: 106.591+/-67.280 χ^2/NDF: 50.0/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -49.389+/-95.269 χ^2/NDF:32.0/15

Out: 261.775+/-95.026 χ^2/NDF:12.7/16

All: 106.591+/-67.280 χ^2/NDF: 50.0/32

asym_sam_15_avg_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 336.387+/-0.067 χ^2/NDF:221128.1/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 335.477+/-0.067 χ^2/NDF:195310.2/15

Left: 335.933+/-0.048 χ^2/NDF: 416529.8/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 335.477+/-0.067 χ^2/NDF:195310.2/15

Out: 336.387+/-0.067 χ^2/NDF:221128.1/16

All: 335.933+/-0.048 χ^2/NDF: 416529.8/32

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 32.998+/-32.700 χ^2/NDF:25.8/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 47.591+/-33.434 χ^2/NDF:12.9/15

Left: 40.133+/-23.378 χ^2/NDF: 38.7/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 47.591+/-33.434 χ^2/NDF:12.9/15

Out: 32.998+/-32.700 χ^2/NDF:25.8/16

All: 40.133+/-23.378 χ^2/NDF: 38.7/32

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 114.209+/-0.023 χ^2/NDF:720229.8/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 116.765+/-0.024 χ^2/NDF:460552.8/15

Left: 115.458+/-0.017 χ^2/NDF: 1186759.4/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 116.765+/-0.024 χ^2/NDF:460552.8/15

Out: 114.209+/-0.023 χ^2/NDF:720229.8/16

All: 115.458+/-0.017 χ^2/NDF: 1186759.4/32

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -637.383+/-153.345 χ^2/NDF:32.8/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -175.677+/-151.001 χ^2/NDF:19.7/15

Left: -402.974+/-107.593 χ^2/NDF: 57.1/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -175.677+/-151.001 χ^2/NDF:19.7/15

Out: -637.383+/-153.345 χ^2/NDF:32.8/16

All: -402.974+/-107.593 χ^2/NDF: 57.1/32

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 520.336+/-0.108 χ^2/NDF:2132597.6/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 514.347+/-0.107 χ^2/NDF:1804040.1/15

Left: 517.296+/-0.076 χ^2/NDF: 3938186.5/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 514.347+/-0.107 χ^2/NDF:1804040.1/15

Out: 520.336+/-0.108 χ^2/NDF:2132597.6/16

All: 517.296+/-0.076 χ^2/NDF: 3938186.5/32

asym_sam_26_avg_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 708.426+/-153.824 χ^2/NDF:28.0/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 245.662+/-150.405 χ^2/NDF:17.8/15

Left: 471.844+/-107.541 χ^2/NDF: 50.4/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 245.662+/-150.405 χ^2/NDF:17.8/15

Out: 708.426+/-153.824 χ^2/NDF:28.0/16

All: 471.844+/-107.541 χ^2/NDF: 50.4/32

asym_sam_26_avg_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 524.306+/-0.109 χ^2/NDF:1993501.6/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 511.350+/-0.106 χ^2/NDF:1757163.5/15

Left: 517.683+/-0.076 χ^2/NDF: 3757917.8/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 511.350+/-0.106 χ^2/NDF:1757163.5/15

Out: 524.306+/-0.109 χ^2/NDF:1993501.6/16

All: 517.683+/-0.076 χ^2/NDF: 3757917.8/32

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 55.092+/-22.204 χ^2/NDF:25.0/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 74.155+/-22.553 χ^2/NDF:25.3/15

Left: 64.475+/-15.823 χ^2/NDF: 50.7/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 74.155+/-22.553 χ^2/NDF:25.3/15

Out: 55.092+/-22.204 χ^2/NDF:25.0/16

All: 64.475+/-15.823 χ^2/NDF: 50.7/32

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 77.353+/-0.016 χ^2/NDF:597410.1/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 78.185+/-0.016 χ^2/NDF:577827.0/15

Left: 77.762+/-0.011 χ^2/NDF: 1176620.5/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 78.185+/-0.016 χ^2/NDF:577827.0/15

Out: 77.353+/-0.016 χ^2/NDF:597410.1/16

All: 77.762+/-0.011 χ^2/NDF: 1176620.5/32

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -986.468+/-169.928 χ^2/NDF:37.5/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -141.758+/-165.827 χ^2/NDF:12.7/15

Left: -553.799+/-118.681 χ^2/NDF: 62.9/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -141.758+/-165.827 χ^2/NDF:12.7/15

Out: -986.468+/-169.928 χ^2/NDF:37.5/16

All: -553.799+/-118.681 χ^2/NDF: 62.9/32

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 585.074+/-0.120 χ^2/NDF:1465773.2/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 571.008+/-0.117 χ^2/NDF:1343968.5/15

Left: 577.869+/-0.084 χ^2/NDF: 2816760.9/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 571.008+/-0.117 χ^2/NDF:1343968.5/15

Out: 585.074+/-0.120 χ^2/NDF:1465773.2/16

All: 577.869+/-0.084 χ^2/NDF: 2816760.9/32

asym_sam_37_avg_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1106.707+/-170.655 χ^2/NDF:33.5/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 226.356+/-167.062 χ^2/NDF:12.9/15

Left: 657.166+/-119.381 χ^2/NDF: 60.0/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 226.356+/-167.062 χ^2/NDF:12.9/15

Out: 1106.707+/-170.655 χ^2/NDF:33.5/16

All: 657.166+/-119.381 χ^2/NDF: 60.0/32

asym_sam_37_avg_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 590.470+/-0.121 χ^2/NDF:1329924.1/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 575.637+/-0.118 χ^2/NDF:1231631.9/15

Left: 582.895+/-0.084 χ^2/NDF: 2569271.7/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 575.637+/-0.118 χ^2/NDF:1231631.9/15

Out: 590.470+/-0.121 χ^2/NDF:1329924.1/16

All: 582.895+/-0.084 χ^2/NDF: 2569271.7/32

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 19.294+/-47.677 χ^2/NDF:14.0/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 63.459+/-48.228 χ^2/NDF:14.1/15

Left: 41.123+/-33.906 χ^2/NDF: 28.5/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 63.459+/-48.228 χ^2/NDF:14.1/15

Out: 19.294+/-47.677 χ^2/NDF:14.0/16

All: 41.123+/-33.906 χ^2/NDF: 28.5/32

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 167.218+/-0.034 χ^2/NDF:352392.3/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 169.031+/-0.034 χ^2/NDF:141316.8/15

Left: 168.114+/-0.024 χ^2/NDF: 495138.2/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 169.031+/-0.034 χ^2/NDF:141316.8/15

Out: 167.218+/-0.034 χ^2/NDF:352392.3/16

All: 168.114+/-0.024 χ^2/NDF: 495138.2/32

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -1901.632+/-326.504 χ^2/NDF:28.9/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 83.603+/-323.735 χ^2/NDF:16.1/15

Left: -900.563+/-229.888 χ^2/NDF: 63.6/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 83.603+/-323.735 χ^2/NDF:16.1/15

Out: -1901.632+/-326.504 χ^2/NDF:28.9/16

All: -900.563+/-229.888 χ^2/NDF: 63.6/32

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1145.191+/-0.231 χ^2/NDF:614111.7/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 1135.435+/-0.229 χ^2/NDF:490280.6/15

Left: 1140.272+/-0.163 χ^2/NDF: 1105292.8/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1135.435+/-0.229 χ^2/NDF:490280.6/15

Out: 1145.191+/-0.231 χ^2/NDF:614111.7/16

All: 1140.272+/-0.163 χ^2/NDF: 1105292.8/32

asym_sam_48_avg_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1961.749+/-324.220 χ^2/NDF:28.7/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 9.505+/-322.283 χ^2/NDF:16.9/15

Left: 979.779+/-228.570 χ^2/NDF: 63.8/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 9.505+/-322.283 χ^2/NDF:16.9/15

Out: 1961.749+/-324.220 χ^2/NDF:28.7/16

All: 979.779+/-228.570 χ^2/NDF: 63.8/32

asym_sam_48_avg_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1140.693+/-0.229 χ^2/NDF:596676.5/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 1129.399+/-0.228 χ^2/NDF:495450.5/15

Left: 1135.012+/-0.162 χ^2/NDF: 1093347.9/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1129.399+/-0.228 χ^2/NDF:495450.5/15

Out: 1140.693+/-0.229 χ^2/NDF:596676.5/16

All: 1135.012+/-0.162 χ^2/NDF: 1093347.9/32

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -155.134+/-30.852 χ^2/NDF:17.9/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -179.806+/-31.635 χ^2/NDF:14.5/15

Left: -167.161+/-22.087 χ^2/NDF: 32.7/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -179.806+/-31.635 χ^2/NDF:14.5/15

Out: -155.134+/-30.852 χ^2/NDF:17.9/16

All: -167.161+/-22.087 χ^2/NDF: 32.7/32

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 109.518+/-0.022 χ^2/NDF:171120.1/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 111.853+/-0.022 χ^2/NDF:166677.5/15

Left: 110.656+/-0.016 χ^2/NDF: 343378.8/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 111.853+/-0.022 χ^2/NDF:166677.5/15

Out: 109.518+/-0.022 χ^2/NDF:171120.1/16

All: 110.656+/-0.016 χ^2/NDF: 343378.8/32

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 237.733+/-188.918 χ^2/NDF:16.1/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -142.439+/-187.727 χ^2/NDF:33.2/15

Left: 46.445+/-133.162 χ^2/NDF: 51.4/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -142.439+/-187.727 χ^2/NDF:33.2/15

Out: 237.733+/-188.918 χ^2/NDF:16.1/16

All: 46.445+/-133.162 χ^2/NDF: 51.4/32

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 666.409+/-0.134 χ^2/NDF:264942.9/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 659.211+/-0.133 χ^2/NDF:356857.6/15

Left: 662.787+/-0.094 χ^2/NDF: 623261.4/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 659.211+/-0.133 χ^2/NDF:356857.6/15

Out: 666.409+/-0.134 χ^2/NDF:264942.9/16

All: 662.787+/-0.094 χ^2/NDF: 623261.4/32

asym_sam_15_dd_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -378.114+/-185.511 χ^2/NDF:14.5/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -34.506+/-184.916 χ^2/NDF:34.0/15

Left: -205.758+/-130.965 χ^2/NDF: 50.2/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -34.506+/-184.916 χ^2/NDF:34.0/15

Out: -378.114+/-185.511 χ^2/NDF:14.5/16

All: -205.758+/-130.965 χ^2/NDF: 50.2/32

asym_sam_15_dd_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 656.471+/-0.131 χ^2/NDF:262130.4/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 649.162+/-0.131 χ^2/NDF:362927.5/15

Left: 652.805+/-0.093 χ^2/NDF: 626615.4/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 649.162+/-0.131 χ^2/NDF:362927.5/15

Out: 656.471+/-0.131 χ^2/NDF:262130.4/16

All: 652.805+/-0.093 χ^2/NDF: 626615.4/32

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -253.947+/-60.539 χ^2/NDF:20.0/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -300.298+/-61.300 χ^2/NDF:11.8/15

Left: -276.833+/-43.074 χ^2/NDF: 32.1/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -300.298+/-61.300 χ^2/NDF:11.8/15

Out: -253.947+/-60.539 χ^2/NDF:20.0/16

All: -276.833+/-43.074 χ^2/NDF: 32.1/32

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 215.117+/-0.043 χ^2/NDF:115777.8/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 216.954+/-0.043 χ^2/NDF:123119.9/15

Left: 216.024+/-0.030 χ^2/NDF: 239807.1/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 216.954+/-0.043 χ^2/NDF:123119.9/15

Out: 215.117+/-0.043 χ^2/NDF:115777.8/16

All: 216.024+/-0.030 χ^2/NDF: 239807.1/32

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -1284.009+/-453.470 χ^2/NDF:28.3/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -462.172+/-459.095 χ^2/NDF:25.5/15

Left: -878.156+/-322.622 χ^2/NDF: 55.5/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -462.172+/-459.095 χ^2/NDF:25.5/15

Out: -1284.009+/-453.470 χ^2/NDF:28.3/16

All: -878.156+/-322.622 χ^2/NDF: 55.5/32

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1602.175+/-0.321 χ^2/NDF:249062.7/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 1620.182+/-0.325 χ^2/NDF:202160.3/15

Left: 1611.068+/-0.228 χ^2/NDF: 452780.5/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1620.182+/-0.325 χ^2/NDF:202160.3/15

Out: 1602.175+/-0.321 χ^2/NDF:249062.7/16

All: 1611.068+/-0.228 χ^2/NDF: 452780.5/32

asym_sam_26_dd_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1095.078+/-447.059 χ^2/NDF:24.2/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 157.715+/-453.929 χ^2/NDF:23.2/15

Left: 633.543+/-318.520 χ^2/NDF: 49.6/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 157.715+/-453.929 χ^2/NDF:23.2/15

Out: 1095.078+/-447.059 χ^2/NDF:24.2/16

All: 633.543+/-318.520 χ^2/NDF: 49.6/32

asym_sam_26_dd_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1584.429+/-0.316 χ^2/NDF:246920.0/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 1601.656+/-0.321 χ^2/NDF:207303.4/15

Left: 1592.911+/-0.225 χ^2/NDF: 455685.6/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1601.656+/-0.321 χ^2/NDF:207303.4/15

Out: 1584.429+/-0.316 χ^2/NDF:246920.0/16

All: 1592.911+/-0.225 χ^2/NDF: 455685.6/32

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -35.337+/-15.201 χ^2/NDF:22.5/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -18.304+/-15.481 χ^2/NDF:22.5/15

Left: -26.976+/-10.846 χ^2/NDF: 45.6/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.304+/-15.481 χ^2/NDF:22.5/15

Out: -35.337+/-15.201 χ^2/NDF:22.5/16

All: -26.976+/-10.846 χ^2/NDF: 45.6/32

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 53.502+/-0.011 χ^2/NDF:285187.3/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 53.870+/-0.011 χ^2/NDF:512424.7/15

Left: 53.682+/-0.008 χ^2/NDF: 798185.7/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 53.870+/-0.011 χ^2/NDF:512424.7/15

Out: 53.502+/-0.011 χ^2/NDF:285187.3/16

All: 53.682+/-0.008 χ^2/NDF: 798185.7/32

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -460.133+/-80.291 χ^2/NDF:39.4/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -57.767+/-76.707 χ^2/NDF:12.2/15

Left: -249.769+/-55.464 χ^2/NDF: 64.7/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -57.767+/-76.707 χ^2/NDF:12.2/15

Out: -460.133+/-80.291 χ^2/NDF:39.4/16

All: -249.769+/-55.464 χ^2/NDF: 64.7/32

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 272.316+/-0.057 χ^2/NDF:2176624.4/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 259.274+/-0.054 χ^2/NDF:2151799.3/15

Left: 265.498+/-0.039 χ^2/NDF: 4356009.6/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 259.274+/-0.054 χ^2/NDF:2151799.3/15

Out: 272.316+/-0.057 χ^2/NDF:2176624.4/16

All: 265.498+/-0.039 χ^2/NDF: 4356009.6/32

asym_sam_37_dd_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 440.578+/-81.756 χ^2/NDF:38.2/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 16.155+/-77.896 χ^2/NDF:13.9/15

Left: 218.111+/-56.396 χ^2/NDF: 66.2/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 16.155+/-77.896 χ^2/NDF:13.9/15

Out: 440.578+/-81.756 χ^2/NDF:38.2/16

All: 218.111+/-56.396 χ^2/NDF: 66.2/32

asym_sam_37_dd_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 278.946+/-0.058 χ^2/NDF:1981977.0/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 263.365+/-0.055 χ^2/NDF:2010664.9/15

Left: 270.779+/-0.040 χ^2/NDF: 4030713.8/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 263.365+/-0.055 χ^2/NDF:2010664.9/15

Out: 278.946+/-0.058 χ^2/NDF:1981977.0/16

All: 270.779+/-0.040 χ^2/NDF: 4030713.8/32

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 223.358+/-37.824 χ^2/NDF:14.5/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 244.382+/-38.505 χ^2/NDF:18.7/15

Left: 233.683+/-26.983 χ^2/NDF: 33.3/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 244.382+/-38.505 χ^2/NDF:18.7/15

Out: 223.358+/-37.824 χ^2/NDF:14.5/16

All: 233.683+/-26.983 χ^2/NDF: 33.3/32

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 133.103+/-0.027 χ^2/NDF:394482.4/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 135.345+/-0.027 χ^2/NDF:164565.7/15

Left: 134.204+/-0.019 χ^2/NDF: 562498.9/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 135.345+/-0.027 χ^2/NDF:164565.7/15

Out: 133.103+/-0.027 χ^2/NDF:394482.4/16

All: 134.204+/-0.019 χ^2/NDF: 562498.9/32

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -1464.880+/-275.474 χ^2/NDF:24.3/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 73.041+/-272.120 χ^2/NDF:20.0/15

Left: -686.498+/-193.593 χ^2/NDF: 60.1/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 73.041+/-272.120 χ^2/NDF:20.0/15

Out: -1464.880+/-275.474 χ^2/NDF:24.3/16

All: -686.498+/-193.593 χ^2/NDF: 60.1/32

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 966.309+/-0.195 χ^2/NDF:589208.5/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 954.783+/-0.192 χ^2/NDF:430321.1/15

Left: 960.475+/-0.137 χ^2/NDF: 1021301.6/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 954.783+/-0.192 χ^2/NDF:430321.1/15

Out: 966.309+/-0.195 χ^2/NDF:589208.5/16

All: 960.475+/-0.137 χ^2/NDF: 1021301.6/32

asym_sam_48_dd_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1704.674+/-273.769 χ^2/NDF:25.2/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 190.679+/-270.730 χ^2/NDF:21.0/15

Left: 939.228+/-192.500 χ^2/NDF: 61.6/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 190.679+/-270.730 χ^2/NDF:21.0/15

Out: 1704.674+/-273.769 χ^2/NDF:25.2/16

All: 939.228+/-192.500 χ^2/NDF: 61.6/32

asym_sam_48_dd_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 963.207+/-0.194 χ^2/NDF:584107.1/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 948.697+/-0.191 χ^2/NDF:448670.0/15

Left: 955.871+/-0.136 χ^2/NDF: 1035617.6/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 948.697+/-0.191 χ^2/NDF:448670.0/15

Out: 963.207+/-0.194 χ^2/NDF:584107.1/16

All: 955.871+/-0.136 χ^2/NDF: 1035617.6/32

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -94.252+/-16.977 χ^2/NDF:25.6/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -109.810+/-17.432 χ^2/NDF:11.6/15

Left: -101.825+/-12.162 χ^2/NDF: 37.6/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -109.810+/-17.432 χ^2/NDF:11.6/15

Out: -94.252+/-16.977 χ^2/NDF:25.6/16

All: -101.825+/-12.162 χ^2/NDF: 37.6/32

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 60.304+/-0.012 χ^2/NDF:90478.6/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 61.644+/-0.012 χ^2/NDF:66083.9/15

Left: 60.957+/-0.009 χ^2/NDF: 162623.0/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 61.644+/-0.012 χ^2/NDF:66083.9/15

Out: 60.304+/-0.012 χ^2/NDF:90478.6/16

All: 60.957+/-0.009 χ^2/NDF: 162623.0/32

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -142.084+/-101.782 χ^2/NDF:27.2/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -87.521+/-102.462 χ^2/NDF:30.3/15

Left: -114.984+/-72.210 χ^2/NDF: 57.6/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -87.521+/-102.462 χ^2/NDF:30.3/15

Out: -142.084+/-101.782 χ^2/NDF:27.2/16

All: -114.984+/-72.210 χ^2/NDF: 57.6/32

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 360.202+/-0.072 χ^2/NDF:326656.0/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 360.996+/-0.072 χ^2/NDF:241839.7/15

Left: 360.596+/-0.051 χ^2/NDF: 568556.3/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 360.996+/-0.072 χ^2/NDF:241839.7/15

Out: 360.202+/-0.072 χ^2/NDF:326656.0/16

All: 360.596+/-0.051 χ^2/NDF: 568556.3/32

asym_sam_13_57_dd_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 54.993+/-98.834 χ^2/NDF:21.2/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -50.913+/-99.026 χ^2/NDF:27.3/15

Left: 2.143+/-69.954 χ^2/NDF: 49.1/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -50.913+/-99.026 χ^2/NDF:27.3/15

Out: 54.993+/-98.834 χ^2/NDF:21.2/16

All: 2.143+/-69.954 χ^2/NDF: 49.1/32

asym_sam_13_57_dd_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 349.657+/-0.070 χ^2/NDF:349565.8/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 348.547+/-0.070 χ^2/NDF:274501.6/15

Left: 349.103+/-0.049 χ^2/NDF: 624193.2/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 348.547+/-0.070 χ^2/NDF:274501.6/15

Out: 349.657+/-0.070 χ^2/NDF:349565.8/16

All: 349.103+/-0.049 χ^2/NDF: 624193.2/32

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -26.083+/-12.795 χ^2/NDF:37.9/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -19.972+/-13.027 χ^2/NDF:16.3/15

Left: -23.082+/-9.128 χ^2/NDF: 54.3/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -19.972+/-13.027 χ^2/NDF:16.3/15

Out: -26.083+/-12.795 χ^2/NDF:37.9/16

All: -23.082+/-9.128 χ^2/NDF: 54.3/32

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 45.133+/-0.009 χ^2/NDF:259898.1/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 45.637+/-0.009 χ^2/NDF:321868.8/15

Left: 45.381+/-0.006 χ^2/NDF: 583291.5/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 45.637+/-0.009 χ^2/NDF:321868.8/15

Out: 45.133+/-0.009 χ^2/NDF:259898.1/16

All: 45.381+/-0.006 χ^2/NDF: 583291.5/32

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 380.407+/-93.193 χ^2/NDF:28.1/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 67.839+/-92.934 χ^2/NDF:19.6/15

Left: 223.687+/-65.806 χ^2/NDF: 53.3/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 67.839+/-92.934 χ^2/NDF:19.6/15

Out: 380.407+/-93.193 χ^2/NDF:28.1/16

All: 223.687+/-65.806 χ^2/NDF: 53.3/32

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 324.409+/-0.066 χ^2/NDF:1059991.0/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 323.069+/-0.066 χ^2/NDF:877691.7/15

Left: 323.737+/-0.047 χ^2/NDF: 1937890.3/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 323.069+/-0.066 χ^2/NDF:877691.7/15

Out: 324.409+/-0.066 χ^2/NDF:1059991.0/16

All: 323.737+/-0.047 χ^2/NDF: 1937890.3/32

asym_sam_15_37_dd_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -429.439+/-93.579 χ^2/NDF:28.4/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -123.315+/-93.160 χ^2/NDF:20.3/15

Left: -275.692+/-66.022 χ^2/NDF: 54.1/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -123.315+/-93.160 χ^2/NDF:20.3/15

Out: -429.439+/-93.579 χ^2/NDF:28.4/16

All: -275.692+/-66.022 χ^2/NDF: 54.1/32

asym_sam_15_37_dd_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 325.669+/-0.066 χ^2/NDF:1060614.8/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 323.750+/-0.066 χ^2/NDF:838808.3/15

Left: 324.705+/-0.047 χ^2/NDF: 1899845.4/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 323.750+/-0.066 χ^2/NDF:838808.3/15

Out: 325.669+/-0.066 χ^2/NDF:1060614.8/16

All: 324.705+/-0.047 χ^2/NDF: 1899845.4/32

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -15.490+/-25.157 χ^2/NDF:22.2/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -34.852+/-25.068 χ^2/NDF:8.0/15

Left: -25.205+/-17.757 χ^2/NDF: 30.4/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -34.852+/-25.068 χ^2/NDF:8.0/15

Out: -15.490+/-25.157 χ^2/NDF:22.2/16

All: -25.205+/-17.757 χ^2/NDF: 30.4/32

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 88.737+/-0.018 χ^2/NDF:326599.4/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 88.117+/-0.018 χ^2/NDF:252696.9/15

Left: 88.426+/-0.013 χ^2/NDF: 579906.0/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 88.117+/-0.018 χ^2/NDF:252696.9/15

Out: 88.737+/-0.018 χ^2/NDF:326599.4/16

All: 88.426+/-0.013 χ^2/NDF: 579906.0/32

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -1412.355+/-263.135 χ^2/NDF:34.4/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -235.255+/-263.560 χ^2/NDF:15.8/15

Left: -824.755+/-186.215 χ^2/NDF: 60.3/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -235.255+/-263.560 χ^2/NDF:15.8/15

Out: -1412.355+/-263.135 χ^2/NDF:34.4/16

All: -824.755+/-186.215 χ^2/NDF: 60.3/32

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 926.419+/-0.186 χ^2/NDF:384672.3/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 927.324+/-0.186 χ^2/NDF:346859.6/15

Left: 926.871+/-0.132 χ^2/NDF: 731543.7/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 927.324+/-0.186 χ^2/NDF:346859.6/15

Out: 926.419+/-0.186 χ^2/NDF:384672.3/16

All: 926.871+/-0.132 χ^2/NDF: 731543.7/32

asym_sam_24_68_dd_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1443.089+/-262.498 χ^2/NDF:31.3/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 208.531+/-263.975 χ^2/NDF:14.8/15

Left: 829.272+/-186.134 χ^2/NDF: 57.1/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 208.531+/-263.975 χ^2/NDF:14.8/15

Out: 1443.089+/-262.498 χ^2/NDF:31.3/16

All: 829.272+/-186.134 χ^2/NDF: 57.1/32

asym_sam_24_68_dd_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 926.885+/-0.186 χ^2/NDF:383528.0/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 928.693+/-0.187 χ^2/NDF:339958.2/15

Left: 927.784+/-0.132 χ^2/NDF: 723533.5/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 928.693+/-0.187 χ^2/NDF:339958.2/15

Out: 926.885+/-0.186 χ^2/NDF:383528.0/16

All: 927.784+/-0.132 χ^2/NDF: 723533.5/32

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 7.759+/-27.266 χ^2/NDF:23.8/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 1.818+/-27.922 χ^2/NDF:11.9/15

Left: 4.859+/-19.508 χ^2/NDF: 35.7/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1.818+/-27.922 χ^2/NDF:11.9/15

Out: 7.759+/-27.266 χ^2/NDF:23.8/16

All: 4.859+/-19.508 χ^2/NDF: 35.7/32

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 96.053+/-0.019 χ^2/NDF:429925.9/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 98.188+/-0.020 χ^2/NDF:184964.3/15

Left: 97.095+/-0.014 χ^2/NDF: 620872.0/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 98.188+/-0.020 χ^2/NDF:184964.3/15

Out: 96.053+/-0.019 χ^2/NDF:429925.9/16

All: 97.095+/-0.014 χ^2/NDF: 620872.0/32

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -0.000+/-0.000 χ^2/NDF:30.3/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -100.143+/-146.459 χ^2/NDF:25.5/15

Left: -0.000+/-0.000 χ^2/NDF: 56.2/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -100.143+/-146.459 χ^2/NDF:25.5/15

Out: -0.000+/-0.000 χ^2/NDF:30.3/16

All: -0.000+/-0.000 χ^2/NDF: 56.2/32

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:22231302.1/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 513.878+/-0.104 χ^2/NDF:400923.1/15

Left: 0.000+/-0.000 χ^2/NDF: 47253888.4/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 513.878+/-0.104 χ^2/NDF:400923.1/15

Out: 0.000+/-0.000 χ^2/NDF:22231302.1/16

All: 0.000+/-0.000 χ^2/NDF: 47253888.4/32

asym_sam_26_48_dd_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -602.500+/-142.760 χ^2/NDF:15.3/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 96.750+/-141.985 χ^2/NDF:26.6/15

Left: -250.973+/-100.672 χ^2/NDF: 54.0/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 96.750+/-141.985 χ^2/NDF:26.6/15

Out: -602.500+/-142.760 χ^2/NDF:15.3/16

All: -250.973+/-100.672 χ^2/NDF: 54.0/32

asym_sam_26_48_dd_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 502.214+/-0.101 χ^2/NDF:540430.2/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 497.588+/-0.100 χ^2/NDF:413893.6/15

Left: 499.888+/-0.071 χ^2/NDF: 955379.5/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 497.588+/-0.100 χ^2/NDF:413893.6/15

Out: 502.214+/-0.101 χ^2/NDF:540430.2/16

All: 499.888+/-0.071 χ^2/NDF: 955379.5/32

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 14.568+/-31.894 χ^2/NDF:14.7/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 48.568+/-32.258 χ^2/NDF:14.3/15

Left: 31.375+/-22.680 χ^2/NDF: 29.5/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 48.568+/-32.258 χ^2/NDF:14.3/15

Out: 14.568+/-31.894 χ^2/NDF:14.7/16

All: 31.375+/-22.680 χ^2/NDF: 29.5/32

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 112.237+/-0.023 χ^2/NDF:278270.0/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 113.347+/-0.023 χ^2/NDF:122034.8/15

Left: 112.786+/-0.016 χ^2/NDF: 401502.5/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 113.347+/-0.023 χ^2/NDF:122034.8/15

Out: 112.237+/-0.023 χ^2/NDF:278270.0/16

All: 112.786+/-0.016 χ^2/NDF: 401502.5/32

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -1092.000+/-200.077 χ^2/NDF:23.5/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 98.718+/-199.232 χ^2/NDF:19.2/15

Left: -494.121+/-141.176 χ^2/NDF: 60.5/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 98.718+/-199.232 χ^2/NDF:19.2/15

Out: -1092.000+/-200.077 χ^2/NDF:23.5/16

All: -494.121+/-141.176 χ^2/NDF: 60.5/32

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 703.679+/-0.141 χ^2/NDF:465852.8/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 700.731+/-0.141 χ^2/NDF:333981.9/15

Left: 702.199+/-0.100 χ^2/NDF: 800052.7/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 700.731+/-0.141 χ^2/NDF:333981.9/15

Out: 703.679+/-0.141 χ^2/NDF:465852.8/16

All: 702.199+/-0.100 χ^2/NDF: 800052.7/32

asym_sam_1548_avg_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1119.882+/-197.931 χ^2/NDF:23.4/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -36.585+/-197.539 χ^2/NDF:20.0/15

Left: 540.501+/-139.820 χ^2/NDF: 60.6/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -36.585+/-197.539 χ^2/NDF:20.0/15

Out: 1119.882+/-197.931 χ^2/NDF:23.4/16

All: 540.501+/-139.820 χ^2/NDF: 60.6/32

asym_sam_1548_avg_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 698.119+/-0.140 χ^2/NDF:460947.1/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 694.136+/-0.140 χ^2/NDF:352046.4/15

Left: 696.124+/-0.099 χ^2/NDF: 813399.3/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 694.136+/-0.140 χ^2/NDF:352046.4/15

Out: 698.119+/-0.140 χ^2/NDF:460947.1/16

All: 696.124+/-0.099 χ^2/NDF: 813399.3/32

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 37.076+/-31.608 χ^2/NDF:11.7/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 68.306+/-32.053 χ^2/NDF:19.2/15

Left: 52.472+/-22.506 χ^2/NDF: 31.4/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 68.306+/-32.053 χ^2/NDF:19.2/15

Out: 37.076+/-31.608 χ^2/NDF:11.7/16

All: 52.472+/-22.506 χ^2/NDF: 31.4/32

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 110.477+/-0.022 χ^2/NDF:429764.0/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 111.897+/-0.023 χ^2/NDF:233770.9/15

Left: 111.177+/-0.016 χ^2/NDF: 665525.1/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 111.897+/-0.023 χ^2/NDF:233770.9/15

Out: 110.477+/-0.022 χ^2/NDF:429764.0/16

All: 111.177+/-0.016 χ^2/NDF: 665525.1/32

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -1439.730+/-237.632 χ^2/NDF:34.3/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -30.066+/-233.859 χ^2/NDF:13.6/15

Left: -723.617+/-166.681 χ^2/NDF: 65.8/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -30.066+/-233.859 χ^2/NDF:13.6/15

Out: -1439.730+/-237.632 χ^2/NDF:34.3/16

All: -723.617+/-166.681 χ^2/NDF: 65.8/32

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 829.327+/-0.168 χ^2/NDF:858264.5/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 815.709+/-0.165 χ^2/NDF:763213.1/15

Left: 822.409+/-0.118 χ^2/NDF: 1624814.5/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 815.709+/-0.165 χ^2/NDF:763213.1/15

Out: 829.327+/-0.168 χ^2/NDF:858264.5/16

All: 822.409+/-0.118 χ^2/NDF: 1624814.5/32

asym_sam_3748_avg_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1532.791+/-237.367 χ^2/NDF:32.9/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 120.558+/-234.224 χ^2/NDF:14.3/15

Left: 817.264+/-166.722 χ^2/NDF: 65.1/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 120.558+/-234.224 χ^2/NDF:14.3/15

Out: 1532.791+/-237.367 χ^2/NDF:32.9/16

All: 817.264+/-166.722 χ^2/NDF: 65.1/32

asym_sam_3748_avg_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 831.447+/-0.168 χ^2/NDF:803164.8/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 816.684+/-0.166 χ^2/NDF:729594.2/15

Left: 823.967+/-0.118 χ^2/NDF: 1536678.8/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 816.684+/-0.166 χ^2/NDF:729594.2/15

Out: 831.447+/-0.168 χ^2/NDF:803164.8/16

All: 823.967+/-0.118 χ^2/NDF: 1536678.8/32

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 24.135+/-18.329 χ^2/NDF:22.1/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 39.732+/-18.545 χ^2/NDF:14.7/15

Left: 31.842+/-13.036 χ^2/NDF: 37.1/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 39.732+/-18.545 χ^2/NDF:14.7/15

Out: 24.135+/-18.329 χ^2/NDF:22.1/16

All: 31.842+/-13.036 χ^2/NDF: 37.1/32

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 64.321+/-0.013 χ^2/NDF:423975.2/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 64.897+/-0.013 χ^2/NDF:315216.2/15

Left: 64.605+/-0.009 χ^2/NDF: 740166.8/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 64.897+/-0.013 χ^2/NDF:315216.2/15

Out: 64.321+/-0.013 χ^2/NDF:423975.2/16

All: 64.605+/-0.009 χ^2/NDF: 740166.8/32

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -449.084+/-76.780 χ^2/NDF:37.2/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -49.030+/-75.227 χ^2/NDF:14.2/15

Left: -244.970+/-53.734 χ^2/NDF: 65.3/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -49.030+/-75.227 χ^2/NDF:14.2/15

Out: -449.084+/-76.780 χ^2/NDF:37.2/16

All: -244.970+/-53.734 χ^2/NDF: 65.3/32

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 265.937+/-0.054 χ^2/NDF:1206411.5/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 260.222+/-0.053 χ^2/NDF:1153241.3/15

Left: 263.021+/-0.038 χ^2/NDF: 2365307.3/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 260.222+/-0.053 χ^2/NDF:1153241.3/15

Out: 265.937+/-0.054 χ^2/NDF:1206411.5/16

All: 263.021+/-0.038 χ^2/NDF: 2365307.3/32

asym_sam_1526_avg_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 494.445+/-79.349 χ^2/NDF:32.6/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 99.957+/-77.657 χ^2/NDF:14.0/15

Left: 292.951+/-55.500 χ^2/NDF: 59.2/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 99.957+/-77.657 χ^2/NDF:14.0/15

Out: 494.445+/-79.349 χ^2/NDF:32.6/16

All: 292.951+/-55.500 χ^2/NDF: 59.2/32

asym_sam_1526_avg_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 276.193+/-0.056 χ^2/NDF:1067384.4/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 268.866+/-0.055 χ^2/NDF:1013534.5/15

Left: 272.450+/-0.039 χ^2/NDF: 2089630.6/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 268.866+/-0.055 χ^2/NDF:1013534.5/15

Out: 276.193+/-0.056 χ^2/NDF:1067384.4/16

All: 272.450+/-0.039 χ^2/NDF: 2089630.6/32

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 44.330+/-24.826 χ^2/NDF:26.4/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 56.647+/-25.379 χ^2/NDF:15.4/15

Left: 50.352+/-17.747 χ^2/NDF: 41.9/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 56.647+/-25.379 χ^2/NDF:15.4/15

Out: 44.330+/-24.826 χ^2/NDF:26.4/16

All: 50.352+/-17.747 χ^2/NDF: 41.9/32

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 86.420+/-0.018 χ^2/NDF:708648.0/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 88.240+/-0.018 χ^2/NDF:521835.6/15

Left: 87.310+/-0.013 χ^2/NDF: 1235740.5/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 88.240+/-0.018 χ^2/NDF:521835.6/15

Out: 86.420+/-0.018 χ^2/NDF:708648.0/16

All: 87.310+/-0.013 χ^2/NDF: 1235740.5/32

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -812.388+/-156.822 χ^2/NDF:35.8/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -168.103+/-153.631 χ^2/NDF:15.4/15

Left: -483.625+/-109.744 χ^2/NDF: 59.8/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -168.103+/-153.631 χ^2/NDF:15.4/15

Out: -812.388+/-156.822 χ^2/NDF:35.8/16

All: -483.625+/-109.744 χ^2/NDF: 59.8/32

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 536.486+/-0.111 χ^2/NDF:1756058.8/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 526.400+/-0.109 χ^2/NDF:1557233.3/15

Left: 531.340+/-0.078 χ^2/NDF: 3317513.6/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 526.400+/-0.109 χ^2/NDF:1557233.3/15

Out: 536.486+/-0.111 χ^2/NDF:1756058.8/16

All: 531.340+/-0.078 χ^2/NDF: 3317513.6/32

asym_sam_3726_avg_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 911.500+/-157.863 χ^2/NDF:31.3/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 244.337+/-154.479 χ^2/NDF:14.5/15

Left: 570.692+/-110.410 χ^2/NDF: 54.9/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 244.337+/-154.479 χ^2/NDF:14.5/15

Out: 911.500+/-157.863 χ^2/NDF:31.3/16

All: 570.692+/-110.410 χ^2/NDF: 54.9/32

asym_sam_3726_avg_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 542.457+/-0.112 χ^2/NDF:1629434.0/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 529.075+/-0.109 χ^2/NDF:1473631.9/15

Left: 535.621+/-0.078 χ^2/NDF: 3110407.1/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 529.075+/-0.109 χ^2/NDF:1473631.9/15

Out: 542.457+/-0.112 χ^2/NDF:1629434.0/16

All: 535.621+/-0.078 χ^2/NDF: 3110407.1/32

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -5.137+/-17.144 χ^2/NDF:12.4/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -13.689+/-17.316 χ^2/NDF:13.6/15

Left: -9.370+/-12.183 χ^2/NDF: 26.1/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -13.689+/-17.316 χ^2/NDF:13.6/15

Out: -5.137+/-17.144 χ^2/NDF:12.4/16

All: -9.370+/-12.183 χ^2/NDF: 26.1/32

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 59.828+/-0.012 χ^2/NDF:466122.9/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 60.393+/-0.012 χ^2/NDF:222167.6/15

Left: 60.107+/-0.009 χ^2/NDF: 689365.8/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 60.393+/-0.012 χ^2/NDF:222167.6/15

Out: 59.828+/-0.012 χ^2/NDF:466122.9/16

All: 60.107+/-0.009 χ^2/NDF: 689365.8/32

asym_sam_15_48_dd_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 813.535+/-133.609 χ^2/NDF:35.0/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 24.321+/-131.626 χ^2/NDF:12.9/15

Left: 413.028+/-93.767 χ^2/NDF: 65.6/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 24.321+/-131.626 χ^2/NDF:12.9/15

Out: 813.535+/-133.609 χ^2/NDF:35.0/16

All: 413.028+/-93.767 χ^2/NDF: 65.6/32

asym_sam_15_48_dd_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 466.152+/-0.094 χ^2/NDF:866421.5/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 459.068+/-0.093 χ^2/NDF:772265.3/15

Left: 462.557+/-0.066 χ^2/NDF: 1641539.5/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 459.068+/-0.093 χ^2/NDF:772265.3/15

Out: 466.152+/-0.094 χ^2/NDF:866421.5/16

All: 462.557+/-0.066 χ^2/NDF: 1641539.5/32

asym_sam_15_48_dd_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -845.081+/-133.335 χ^2/NDF:34.5/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -54.654+/-131.855 χ^2/NDF:13.7/15

Left: -445.456+/-93.754 χ^2/NDF: 65.9/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -54.654+/-131.855 χ^2/NDF:13.7/15

Out: -845.081+/-133.335 χ^2/NDF:34.5/16

All: -445.456+/-93.754 χ^2/NDF: 65.9/32

asym_sam_15_48_dd_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 466.744+/-0.094 χ^2/NDF:834619.3/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 459.571+/-0.093 χ^2/NDF:757676.5/15

Left: 463.117+/-0.066 χ^2/NDF: 1595222.6/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 459.571+/-0.093 χ^2/NDF:757676.5/15

Out: 466.744+/-0.094 χ^2/NDF:834619.3/16

All: 463.117+/-0.066 χ^2/NDF: 1595222.6/32

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 22.379+/-19.649 χ^2/NDF:28.1/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 4.419+/-20.041 χ^2/NDF:7.9/15

Left: 13.576+/-14.030 χ^2/NDF: 36.5/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4.419+/-20.041 χ^2/NDF:7.9/15

Out: 22.379+/-19.649 χ^2/NDF:28.1/16

All: 13.576+/-14.030 χ^2/NDF: 36.5/32

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 69.330+/-0.014 χ^2/NDF:281354.7/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 70.550+/-0.014 χ^2/NDF:123256.7/15

Left: 69.928+/-0.010 χ^2/NDF: 408393.3/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 70.550+/-0.014 χ^2/NDF:123256.7/15

Out: 69.330+/-0.014 χ^2/NDF:281354.7/16

All: 69.928+/-0.010 χ^2/NDF: 408393.3/32

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 451.904+/-106.661 χ^2/NDF:15.2/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -80.163+/-106.510 χ^2/NDF:25.5/15

Left: 185.496+/-75.367 χ^2/NDF: 53.2/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -80.163+/-106.510 χ^2/NDF:25.5/15

Out: 451.904+/-106.661 χ^2/NDF:15.2/16

All: 185.496+/-75.367 χ^2/NDF: 53.2/32

asym_sam_37_48_dd_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 375.401+/-0.075 χ^2/NDF:378360.7/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 374.918+/-0.075 χ^2/NDF:254245.2/15

Left: 375.159+/-0.053 χ^2/NDF: 632626.5/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 374.918+/-0.075 χ^2/NDF:254245.2/15

Out: 375.401+/-0.075 χ^2/NDF:378360.7/16

All: 375.159+/-0.053 χ^2/NDF: 632626.5/32

asym_sam_37_48_dd_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -424.784+/-104.437 χ^2/NDF:16.0/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 82.249+/-104.569 χ^2/NDF:26.3/15

Left: -171.589+/-73.895 χ^2/NDF: 54.0/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 82.249+/-104.569 χ^2/NDF:26.3/15

Out: -424.784+/-104.437 χ^2/NDF:16.0/16

All: -171.589+/-73.895 χ^2/NDF: 54.0/32

asym_sam_37_48_dd_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 368.461+/-0.074 χ^2/NDF:399850.9/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 367.618+/-0.074 χ^2/NDF:288622.2/15

Left: 368.040+/-0.052 χ^2/NDF: 688538.1/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 367.618+/-0.074 χ^2/NDF:288622.2/15

Out: 368.461+/-0.074 χ^2/NDF:399850.9/16

All: 368.040+/-0.052 χ^2/NDF: 688538.1/32

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -14.095+/-19.465 χ^2/NDF:26.2/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -14.404+/-19.925 χ^2/NDF:12.9/15

Left: -14.246+/-13.924 χ^2/NDF: 39.1/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -14.404+/-19.925 χ^2/NDF:12.9/15

Out: -14.095+/-19.465 χ^2/NDF:26.2/16

All: -14.246+/-13.924 χ^2/NDF: 39.1/32

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 68.463+/-0.014 χ^2/NDF:505837.2/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 69.893+/-0.014 χ^2/NDF:313181.4/15

Left: 69.161+/-0.010 χ^2/NDF: 824290.0/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 69.893+/-0.014 χ^2/NDF:313181.4/15

Out: 68.463+/-0.014 χ^2/NDF:505837.2/16

All: 69.161+/-0.010 χ^2/NDF: 824290.0/32

asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 206.481+/-107.420 χ^2/NDF:26.3/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 91.783+/-106.572 χ^2/NDF:27.7/15

Left: 148.678+/-75.656 χ^2/NDF: 54.5/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 91.783+/-106.572 χ^2/NDF:27.7/15

Out: 206.481+/-107.420 χ^2/NDF:26.3/16

All: 148.678+/-75.656 χ^2/NDF: 54.5/32

asym_sam_15_26_dd_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 372.569+/-0.076 χ^2/NDF:1129559.4/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 370.309+/-0.075 χ^2/NDF:874745.0/15

Left: 371.430+/-0.053 χ^2/NDF: 2004750.5/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 370.309+/-0.075 χ^2/NDF:874745.0/15

Out: 372.569+/-0.076 χ^2/NDF:1129559.4/16

All: 371.430+/-0.053 χ^2/NDF: 2004750.5/32

asym_sam_15_26_dd_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -232.855+/-105.180 χ^2/NDF:22.4/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -117.386+/-104.143 χ^2/NDF:25.7/15

Left: -174.549+/-74.004 χ^2/NDF: 48.7/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -117.386+/-104.143 χ^2/NDF:25.7/15

Out: -232.855+/-105.180 χ^2/NDF:22.4/16

All: -174.549+/-74.004 χ^2/NDF: 48.7/32

asym_sam_15_26_dd_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 365.593+/-0.074 χ^2/NDF:1130950.1/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 361.090+/-0.074 χ^2/NDF:893539.3/15

Left: 363.320+/-0.052 χ^2/NDF: 2026340.5/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 361.090+/-0.074 χ^2/NDF:893539.3/15

Out: 365.593+/-0.074 χ^2/NDF:1130950.1/16

All: 363.320+/-0.052 χ^2/NDF: 2026340.5/32

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 12.190+/-12.835 χ^2/NDF:25.6/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 4.406+/-12.967 χ^2/NDF:21.9/15

Left: 8.338+/-9.122 χ^2/NDF: 47.7/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4.406+/-12.967 χ^2/NDF:21.9/15

Out: 12.190+/-12.835 χ^2/NDF:25.6/16

All: 8.338+/-9.122 χ^2/NDF: 47.7/32

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 45.228+/-0.009 χ^2/NDF:519845.6/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 45.537+/-0.009 χ^2/NDF:392882.7/15

Left: 45.381+/-0.006 χ^2/NDF: 913303.1/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 45.537+/-0.009 χ^2/NDF:392882.7/15

Out: 45.228+/-0.009 χ^2/NDF:519845.6/16

All: 45.381+/-0.006 χ^2/NDF: 913303.1/32

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -160.449+/-40.266 χ^2/NDF:18.5/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 18.330+/-39.301 χ^2/NDF:25.0/15

Left: -68.891+/-28.125 χ^2/NDF: 53.5/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 18.330+/-39.301 χ^2/NDF:25.0/15

Out: -160.449+/-40.266 χ^2/NDF:18.5/16

All: -68.891+/-28.125 χ^2/NDF: 53.5/32

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 138.372+/-0.028 χ^2/NDF:1494289.1/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 135.537+/-0.028 χ^2/NDF:1186086.9/15

Left: 136.920+/-0.020 χ^2/NDF: 2685452.6/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 135.537+/-0.028 χ^2/NDF:1186086.9/15

Out: 138.372+/-0.028 χ^2/NDF:1494289.1/16

All: 136.920+/-0.020 χ^2/NDF: 2685452.6/32

asym_sam_37_26_dd_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 180.664+/-38.806 χ^2/NDF:14.5/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -8.550+/-37.919 χ^2/NDF:27.2/15

Left: 83.869+/-27.121 χ^2/NDF: 53.8/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -8.550+/-37.919 χ^2/NDF:27.2/15

Out: 180.664+/-38.806 χ^2/NDF:14.5/16

All: 83.869+/-27.121 χ^2/NDF: 53.8/32

asym_sam_37_26_dd_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 134.611+/-0.027 χ^2/NDF:1219132.6/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 130.970+/-0.027 χ^2/NDF:1026013.9/15

Left: 132.749+/-0.019 χ^2/NDF: 2254154.4/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 130.970+/-0.027 χ^2/NDF:1026013.9/15

Out: 134.611+/-0.027 χ^2/NDF:1219132.6/16

All: 132.749+/-0.019 χ^2/NDF: 2254154.4/32

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 32.322+/-16.299 χ^2/NDF:12.8/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 55.418+/-16.579 χ^2/NDF:22.9/15

Left: 43.673+/-11.623 χ^2/NDF: 36.6/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 55.418+/-16.579 χ^2/NDF:22.9/15

Out: 32.322+/-16.299 χ^2/NDF:12.8/16

All: 43.673+/-11.623 χ^2/NDF: 36.6/32

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 57.244+/-0.012 χ^2/NDF:317173.4/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 58.038+/-0.012 χ^2/NDF:237192.5/15

Left: 57.634+/-0.008 χ^2/NDF: 556699.7/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 58.038+/-0.012 χ^2/NDF:237192.5/15

Out: 57.244+/-0.012 χ^2/NDF:317173.4/16

All: 57.634+/-0.008 χ^2/NDF: 556699.7/32

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -634.950+/-105.452 χ^2/NDF:30.9/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 22.281+/-104.675 χ^2/NDF:13.0/15

Left: -303.904+/-74.290 χ^2/NDF: 63.4/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 22.281+/-104.675 χ^2/NDF:13.0/15

Out: -634.950+/-105.452 χ^2/NDF:30.9/16

All: -303.904+/-74.290 χ^2/NDF: 63.4/32

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 369.890+/-0.075 χ^2/NDF:743683.2/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 365.856+/-0.074 χ^2/NDF:660390.1/15

Left: 367.858+/-0.053 χ^2/NDF: 1405547.7/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 365.856+/-0.074 χ^2/NDF:660390.1/15

Out: 369.890+/-0.075 χ^2/NDF:743683.2/16

All: 367.858+/-0.053 χ^2/NDF: 1405547.7/32

asym_sam_1357_avg_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 687.877+/-104.813 χ^2/NDF:30.7/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 65.594+/-103.260 χ^2/NDF:15.2/15

Left: 372.090+/-73.559 χ^2/NDF: 63.8/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 65.594+/-103.260 χ^2/NDF:15.2/15

Out: 687.877+/-104.813 χ^2/NDF:30.7/16

All: 372.090+/-73.559 χ^2/NDF: 63.8/32

asym_sam_1357_avg_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 367.724+/-0.074 χ^2/NDF:726055.8/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 360.494+/-0.073 χ^2/NDF:659919.1/15

Left: 364.055+/-0.052 χ^2/NDF: 1390803.5/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 360.494+/-0.073 χ^2/NDF:659919.1/15

Out: 367.724+/-0.074 χ^2/NDF:726055.8/16

All: 364.055+/-0.052 χ^2/NDF: 1390803.5/32

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 24.802+/-30.480 χ^2/NDF:14.3/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 51.522+/-30.742 χ^2/NDF:15.1/15

Left: 38.048+/-21.645 χ^2/NDF: 29.7/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 51.522+/-30.742 χ^2/NDF:15.1/15

Out: 24.802+/-30.480 χ^2/NDF:14.3/16

All: 38.048+/-21.645 χ^2/NDF: 29.7/32

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 106.335+/-0.022 χ^2/NDF:492806.2/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 107.134+/-0.022 χ^2/NDF:295863.9/15

Left: 106.731+/-0.015 χ^2/NDF: 789350.4/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 107.134+/-0.022 χ^2/NDF:295863.9/15

Out: 106.335+/-0.022 χ^2/NDF:492806.2/16

All: 106.731+/-0.015 χ^2/NDF: 789350.4/32

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -1265.860+/-208.805 χ^2/NDF:36.2/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -74.731+/-205.453 χ^2/NDF:13.1/15

Left: -660.657+/-146.448 χ^2/NDF: 65.9/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -74.731+/-205.453 χ^2/NDF:13.1/15

Out: -1265.860+/-208.805 χ^2/NDF:36.2/16

All: -660.657+/-146.448 χ^2/NDF: 65.9/32

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 727.438+/-0.148 χ^2/NDF:936835.2/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 715.195+/-0.145 χ^2/NDF:859907.4/15

Left: 721.217+/-0.104 χ^2/NDF: 1800236.1/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 715.195+/-0.145 χ^2/NDF:859907.4/15

Out: 727.438+/-0.148 χ^2/NDF:936835.2/16

All: 721.217+/-0.104 χ^2/NDF: 1800236.1/32

asym_sam_2468_avg_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1344.434+/-210.808 χ^2/NDF:34.2/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 154.887+/-207.707 χ^2/NDF:13.5/15

Left: 740.847+/-147.955 χ^2/NDF: 63.8/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 154.887+/-207.707 χ^2/NDF:13.5/15

Out: 1344.434+/-210.808 χ^2/NDF:34.2/16

All: 740.847+/-147.955 χ^2/NDF: 63.8/32

asym_sam_2468_avg_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 736.965+/-0.149 χ^2/NDF:887448.6/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 722.690+/-0.147 χ^2/NDF:824237.5/15

Left: 729.722+/-0.105 χ^2/NDF: 1716339.2/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 722.690+/-0.147 χ^2/NDF:824237.5/15

Out: 736.965+/-0.149 χ^2/NDF:887448.6/16

All: 729.722+/-0.105 χ^2/NDF: 1716339.2/32

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 4.140+/-9.072 χ^2/NDF:17.0/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.406+/-9.079 χ^2/NDF:10.4/15

Left: 2.274+/-6.418 χ^2/NDF: 27.5/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.406+/-9.079 χ^2/NDF:10.4/15

Out: 4.140+/-9.072 χ^2/NDF:17.0/16

All: 2.274+/-6.418 χ^2/NDF: 27.5/32

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 31.693+/-0.006 χ^2/NDF:511679.3/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 31.712+/-0.006 χ^2/NDF:262956.9/15

Left: 31.703+/-0.005 χ^2/NDF: 774640.6/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 31.712+/-0.006 χ^2/NDF:262956.9/15

Out: 31.693+/-0.006 χ^2/NDF:511679.3/16

All: 31.703+/-0.005 χ^2/NDF: 774640.6/32

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 310.058+/-54.102 χ^2/NDF:41.7/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 49.672+/-53.690 χ^2/NDF:14.4/15

Left: 178.869+/-38.110 χ^2/NDF: 67.9/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 49.672+/-53.690 χ^2/NDF:14.4/15

Out: 310.058+/-54.102 χ^2/NDF:41.7/16

All: 178.869+/-38.110 χ^2/NDF: 67.9/32

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 188.546+/-0.038 χ^2/NDF:996032.0/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 186.467+/-0.038 χ^2/NDF:969865.7/15

Left: 187.499+/-0.027 χ^2/NDF: 1967386.1/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 186.467+/-0.038 χ^2/NDF:969865.7/15

Out: 188.546+/-0.038 χ^2/NDF:996032.0/16

All: 187.499+/-0.027 χ^2/NDF: 1967386.1/32

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -328.590+/-54.852 χ^2/NDF:35.7/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -45.022+/-54.157 χ^2/NDF:12.8/15

Left: -184.997+/-38.538 χ^2/NDF: 62.0/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -45.022+/-54.157 χ^2/NDF:12.8/15

Out: -328.590+/-54.852 χ^2/NDF:35.7/16

All: -184.997+/-38.538 χ^2/NDF: 62.0/32

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 191.163+/-0.039 χ^2/NDF:1024581.0/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 187.925+/-0.038 χ^2/NDF:954252.1/15

Left: 189.524+/-0.027 χ^2/NDF: 1982362.7/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 187.925+/-0.038 χ^2/NDF:954252.1/15

Out: 191.163+/-0.039 χ^2/NDF:1024581.0/16

All: 189.524+/-0.027 χ^2/NDF: 1982362.7/32

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 28.632+/-22.704 χ^2/NDF:13.5/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 53.599+/-22.970 χ^2/NDF:17.9/15

Left: 40.970+/-16.148 χ^2/NDF: 32.0/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 53.599+/-22.970 χ^2/NDF:17.9/15

Out: 28.632+/-22.704 χ^2/NDF:13.5/16

All: 40.970+/-16.148 χ^2/NDF: 32.0/32

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 79.331+/-0.016 χ^2/NDF:443276.9/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 80.112+/-0.016 χ^2/NDF:288818.1/15

Left: 79.717+/-0.011 χ^2/NDF: 733264.6/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 80.112+/-0.016 χ^2/NDF:288818.1/15

Out: 79.331+/-0.016 χ^2/NDF:443276.9/16

All: 79.717+/-0.011 χ^2/NDF: 733264.6/32

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -916.735+/-147.959 χ^2/NDF:34.5/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -25.335+/-153.982 χ^2/NDF:12.9/15

Left: -488.811+/-106.689 χ^2/NDF: 64.9/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -25.335+/-153.982 χ^2/NDF:12.9/15

Out: -916.735+/-147.959 χ^2/NDF:34.5/16

All: -488.811+/-106.689 χ^2/NDF: 64.9/32

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 501.978+/-0.105 χ^2/NDF:1615967.5/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 536.695+/-0.109 χ^2/NDF:798962.3/15

Left: 518.644+/-0.075 χ^2/NDF: 2467790.0/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 536.695+/-0.109 χ^2/NDF:798962.3/15

Out: 501.978+/-0.105 χ^2/NDF:1615967.5/16

All: 518.644+/-0.075 χ^2/NDF: 2467790.0/32

asym_sam_12345678_avg_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1016.100+/-157.186 χ^2/NDF:33.2/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 109.813+/-154.837 χ^2/NDF:14.0/15

Left: 556.136+/-110.307 χ^2/NDF: 64.1/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 109.813+/-154.837 χ^2/NDF:14.0/15

Out: 1016.100+/-157.186 χ^2/NDF:33.2/16

All: 556.136+/-110.307 χ^2/NDF: 64.1/32

asym_sam_12345678_avg_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 550.161+/-0.111 χ^2/NDF:834496.0/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 539.332+/-0.109 χ^2/NDF:771010.1/15

Left: 544.665+/-0.078 χ^2/NDF: 1610323.9/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 539.332+/-0.109 χ^2/NDF:771010.1/15

Out: 550.161+/-0.111 χ^2/NDF:834496.0/16

All: 544.665+/-0.078 χ^2/NDF: 1610323.9/32

dit_usl_4aX_slope vs Slug, Sign Corrected

Right In: -158.222+/-0.000 χ^2/NDF: 117166.2/15

Left Out: -252.890+/-0.139 χ^2/NDF:41791.0/15

Right Out: -194.268+/-0.165 χ^2/NDF: 176560.4/17

Left In: -246.490+/-0.130 χ^2/NDF:73653.5/15

Left: -249.477+/-0.095 χ^2/NDF: 116568.0/31

Right: -158.222+/-0.000 χ^2/NDF: 341369.6/33

In: -158.222+/-0.000 χ^2/NDF:648760.6/31

Out: -228.492+/-0.107 χ^2/NDF:291915.8/33

All: -158.222+/-0.000 χ^2/NDF: 1375701.0/65

dit_usl_4eX_slope vs Slug, Sign Corrected

Right In: 174.085+/-0.000 χ^2/NDF: 53377.4/15

Left Out: 208.443+/-0.139 χ^2/NDF:45094.6/15

Right Out: 149.948+/-0.196 χ^2/NDF: 167846.4/17

Left In: 203.849+/-0.131 χ^2/NDF:86510.0/15

Left: 206.002+/-0.095 χ^2/NDF: 132181.3/31

Right: 174.085+/-0.000 χ^2/NDF: 236460.5/33

In: 174.085+/-0.000 χ^2/NDF:191539.4/31

Out: 188.726+/-0.114 χ^2/NDF:272264.5/33

All: 174.085+/-0.000 χ^2/NDF: 480436.2/65

dit_usl_11X12X_slope vs Slug, Sign Corrected

Right In: -46.126+/-0.000 χ^2/NDF: 201273.7/15

Left Out: -40.923+/-0.008 χ^2/NDF:101972.2/15

Right Out: -28.139+/-0.000 χ^2/NDF: 746939.9/17

Left In: -40.528+/-0.008 χ^2/NDF:176561.8/15

Left: -40.744+/-0.006 χ^2/NDF: 279756.3/31

Right: -39.778+/-0.000 χ^2/NDF: 248795993231659

In: -46.126+/-0.000 χ^2/NDF:825978.5/31

Out: -28.139+/-0.000 χ^2/NDF:3663295.3/33

All: -39.778+/-0.000 χ^2/NDF: 248795993231

dit_usl_4aY_slope vs Slug, Sign Corrected

Right In: -2.061+/-0.018 χ^2/NDF: 25665.1/15

Left Out: -1.131+/-0.008 χ^2/NDF:93548.0/15

Right Out: 13.204+/-0.000 χ^2/NDF: 509721.0/17

Left In: -1.128+/-0.006 χ^2/NDF:142312.1/15

Left: -1.129+/-0.005 χ^2/NDF: 235860.2/31

Right: 13.204+/-0.000 χ^2/NDF: 1268800.5/33

In: -1.236+/-0.006 χ^2/NDF:170400.9/31

Out: 13.204+/-0.000 χ^2/NDF:3805629.7/33

All: 13.204+/-0.000 χ^2/NDF: 9617802.8/65

dit_usl_4eY_slope vs Slug, Sign Corrected

Right In: 22.711+/-0.019 χ^2/NDF: 22767.9/15

Left Out: 19.420+/-0.009 χ^2/NDF:71739.4/15

Right Out: 21.790+/-0.022 χ^2/NDF: 26670.9/17

Left In: 20.493+/-0.008 χ^2/NDF:107311.8/15

Left: 20.020+/-0.006 χ^2/NDF: 186667.5/31

Right: 22.313+/-0.014 χ^2/NDF: 50478.1/33

In: 20.847+/-0.007 χ^2/NDF:141830.2/31

Out: 19.786+/-0.008 χ^2/NDF:108671.9/33

All: 20.380+/-0.006 χ^2/NDF: 259325.6/65

dit_usr_4aX_slope vs Slug, Sign Corrected

Right In: -276.201+/-0.167 χ^2/NDF: 58107.7/16

Left Out: -322.046+/-0.121 χ^2/NDF:37938.9/16

Right Out: -281.150+/-0.148 χ^2/NDF: 77611.5/18

Left In: -325.492+/-0.111 χ^2/NDF:41668.4/15

Left: -323.904+/-0.082 χ^2/NDF: 80047.9/32

Right: -278.974+/-0.110 χ^2/NDF: 136213.7/35

In: -310.253+/-0.093 χ^2/NDF:160273.6/32

Out: -305.676+/-0.093 χ^2/NDF:161619.6/35

All: -307.983+/-0.066 χ^2/NDF: 323104.8/68

dit_usr_4eX_slope vs Slug, Sign Corrected

Right In: 374.094+/-0.000 χ^2/NDF: 35072.0/16

Left Out: 402.664+/-0.122 χ^2/NDF:56956.9/16

Right Out: 373.134+/-0.158 χ^2/NDF: 108219.4/18

Left In: 405.527+/-0.113 χ^2/NDF:64896.9/15

Left: 404.213+/-0.083 χ^2/NDF: 122150.9/32

Right: 374.094+/-0.000 χ^2/NDF: 143328.3/35

In: 374.094+/-0.000 χ^2/NDF:177971.7/32

Out: 391.612+/-0.097 χ^2/NDF:187048.5/35

All: 374.094+/-0.000 χ^2/NDF: 397888.8/68

dit_usr_11X12X_slope vs Slug, Sign Corrected

Right In: -42.744+/-0.000 χ^2/NDF: 13262.6/16

Left Out: -37.707+/-0.004 χ^2/NDF:257658.2/16

Right Out: -29.754+/-0.000 χ^2/NDF: 483930.3/18

Left In: -38.084+/-0.005 χ^2/NDF:148963.2/15

Left: -37.885+/-0.003 χ^2/NDF: 410020.7/32

Right: -38.159+/-0.000 χ^2/NDF: 129765212680709

In: -42.744+/-0.000 χ^2/NDF:1148207.9/32

Out: -29.754+/-0.000 χ^2/NDF:3948142.2/35

All: -38.159+/-0.000 χ^2/NDF: 129765212680

dit_usr_4aY_slope vs Slug, Sign Corrected

Right In: -9.259+/-0.000 χ^2/NDF: 405850.5/16

Left Out: 0.898+/-0.006 χ^2/NDF:139084.9/16

Right Out: 18.504+/-0.000 χ^2/NDF: 7366781.0/18

Left In: -0.210+/-0.007 χ^2/NDF:116050.8/15

Left: 0.403+/-0.004 χ^2/NDF: 270468.0/32

Right: 6.039+/-0.000 χ^2/NDF: 16450574505955581

In: -9.259+/-0.000 χ^2/NDF:2368310.3/32

Out: 18.504+/-0.000 χ^2/NDF:16183772.7/35

All: 6.039+/-0.000 χ^2/NDF: 16450574505955

dit_usr_4eY_slope vs Slug, Sign Corrected

Right In: 16.947+/-0.000 χ^2/NDF: 11231.8/16

Left Out: 12.056+/-0.008 χ^2/NDF:55879.0/16

Right Out: -11.075+/-0.000 χ^2/NDF: 2712010.0/18

Left In: 12.444+/-0.009 χ^2/NDF:43984.8/15

Left: 12.225+/-0.006 χ^2/NDF: 100828.3/32

Right: -2.268+/-0.000 χ^2/NDF: 4692527454635666

In: 16.947+/-0.000 χ^2/NDF:285243.2/32

Out: -11.075+/-0.000 χ^2/NDF:10650074.5/35

All: -2.268+/-0.000 χ^2/NDF: 4692527454635

dit_atl1_4aX_slope vs Slug, Sign Corrected

Right In: -205.160+/-0.000 χ^2/NDF: 582775.6/16

Left Out: -120.790+/-0.221 χ^2/NDF:51168.9/16

Right Out: -57.684+/-0.283 χ^2/NDF: 114854.9/18

Left In: -137.432+/-0.281 χ^2/NDF:49891.3/15

Left: -127.163+/-0.174 χ^2/NDF: 103223.6/32

Right: -205.160+/-0.000 χ^2/NDF: 968522.3/35

In: -205.160+/-0.000 χ^2/NDF:690738.7/32

Out: -96.864+/-0.174 χ^2/NDF:196819.6/35

All: -205.160+/-0.000 χ^2/NDF: 1272843.1/68

dit_atl1_4eX_slope vs Slug, Sign Corrected

Right In: 339.325+/-0.000 χ^2/NDF: 1030606.3/16

Left Out: 165.178+/-0.226 χ^2/NDF:85750.8/16

Right Out: 68.024+/-0.286 χ^2/NDF: 272330.9/18

Left In: 182.917+/-0.285 χ^2/NDF:56311.7/15

Left: 172.012+/-0.177 χ^2/NDF: 144439.1/32

Right: 339.325+/-0.000 χ^2/NDF: 2202286.8/35

In: 339.325+/-0.000 χ^2/NDF:1387446.0/32

Out: 127.871+/-0.177 χ^2/NDF:429125.9/35

All: 339.325+/-0.000 χ^2/NDF: 3239328.7/68

dit_atl1_11X12X_slope vs Slug, Sign Corrected

Right In: -48.945+/-0.000 χ^2/NDF: 5408370.4/16

Left Out: -18.861+/-0.012 χ^2/NDF:572853.0/16

Right Out: -27.303+/-0.052 χ^2/NDF: 167879.9/18

Left In: -20.378+/-0.015 χ^2/NDF:150583.5/15

Left: -19.452+/-0.009 χ^2/NDF: 729616.1/32

Right: -48.945+/-0.000 χ^2/NDF: 5751523.0/35

In: -48.945+/-0.000 χ^2/NDF:9148271.1/32

Out: -19.296+/-0.012 χ^2/NDF:766026.6/35

All: -48.945+/-0.000 χ^2/NDF: 16302645.9/68

dit_atl1_4aY_slope vs Slug, Sign Corrected

Right In: 6.728+/-0.000 χ^2/NDF: 13749.2/16

Left Out: 10.623+/-0.015 χ^2/NDF:25485.4/16

Right Out: 9.502+/-0.036 χ^2/NDF: 26822.1/18

Left In: 11.195+/-0.013 χ^2/NDF:11826.0/15

Left: 10.962+/-0.010 χ^2/NDF: 38132.1/32

Right: 6.728+/-0.000 χ^2/NDF: 46635.2/35

In: 6.728+/-0.000 χ^2/NDF:148193.3/32

Out: 10.446+/-0.014 χ^2/NDF:53141.6/35

All: 6.728+/-0.000 χ^2/NDF: 270571.9/68

dit_atl1_4eY_slope vs Slug, Sign Corrected

Right In: -19.693+/-0.000 χ^2/NDF: 7579.0/16

Left Out: -18.327+/-0.018 χ^2/NDF:46012.9/16

Right Out: 19.086+/-0.000 χ^2/NDF: 610746.9/18

Left In: -19.060+/-0.018 χ^2/NDF:12408.0/15

Left: -18.704+/-0.013 χ^2/NDF: 59240.6/32

Right: -6.006+/-0.000 χ^2/NDF: 4625637731292657

In: -19.693+/-0.000 χ^2/NDF:21251.3/32

Out: 19.086+/-0.000 χ^2/NDF:4808451.0/35

All: -6.006+/-0.000 χ^2/NDF: 4625637731292

dit_atl2_4aX_slope vs Slug, Sign Corrected

Right In: -889.928+/-0.000 χ^2/NDF: 775896.0/16

Left Out: -2055.403+/-0.423 χ^2/NDF:296582.2/16

Right Out: -1134.421+/-0.000 χ^2/NDF: 733812.0/18

Left In: -2094.577+/-0.440 χ^2/NDF:65829.1/15

Left: -2074.208+/-0.305 χ^2/NDF: 366523.6/32

Right: -976.220+/-0.000 χ^2/NDF: 44889787387498

In: -889.928+/-0.000 χ^2/NDF:8320661.1/32

Out: -1134.421+/-0.000 χ^2/NDF:5765066.6/35

All: -976.220+/-0.000 χ^2/NDF: 4488978738

dit_atl2_4eX_slope vs Slug, Sign Corrected

Right In: 1171.188+/-0.245 χ^2/NDF: 508989.2/16

Left Out: 2115.412+/-0.423 χ^2/NDF:318049.6/16

Right Out: 1089.705+/-0.253 χ^2/NDF: 1100321.6/18

Left In: 2157.973+/-0.442 χ^2/NDF:77285.0/15

Left: 2135.770+/-0.306 χ^2/NDF: 400165.8/32

Right: 1131.764+/-0.176 χ^2/NDF: 1662665.0/35

In: 1403.441+/-0.215 χ^2/NDF:4392805.7/32

Out: 1360.199+/-0.217 χ^2/NDF:5737676.7/35

All: 1382.111+/-0.153 χ^2/NDF: 10150517.3/6

dit_atl2_11X12X_slope vs Slug, Sign Corrected

Right In: -212.190+/-0.000 χ^2/NDF: 1149195.1/16

Left Out: -281.299+/-0.025 χ^2/NDF:5770184.4/16

Right Out: -188.033+/-0.000 χ^2/NDF: 602264.3/18

Left In: -295.504+/-0.024 χ^2/NDF:311749.6/15

Left: -288.508+/-0.017 χ^2/NDF: 6247646.3/32

Right: -195.625+/-0.000 χ^2/NDF: 13622303625661

In: -212.190+/-0.000 χ^2/NDF:13034957.9/32

Out: -188.033+/-0.000 χ^2/NDF:20447332.0/35

All: -195.625+/-0.000 χ^2/NDF: 13622303625

dit_atl2_4aY_slope vs Slug, Sign Corrected

Right In: -56.037+/-0.000 χ^2/NDF: 1585420.7/16

Left Out: -11.119+/-0.021 χ^2/NDF:865716.5/16

Right Out: -7.476+/-0.042 χ^2/NDF: 173893.8/18

Left In: -23.618+/-0.023 χ^2/NDF:679075.5/15

Left: -16.740+/-0.015 χ^2/NDF: 1707245.5/32

Right: -56.037+/-0.000 χ^2/NDF: 3084882.3/35

In: -56.037+/-0.000 χ^2/NDF:4250594.3/32

Out: -10.407+/-0.019 χ^2/NDF:1045610.9/35

All: -56.037+/-0.000 χ^2/NDF: 11280903.8/68

dit_atl2_4eY_slope vs Slug, Sign Corrected

Right In: 138.565+/-0.000 χ^2/NDF: 901159.7/16

Left Out: 138.200+/-0.029 χ^2/NDF:540768.4/16

Right Out: 6.866+/-0.000 χ^2/NDF: 8047391.7/18

Left In: 144.206+/-0.031 χ^2/NDF:248489.6/15

Left: 141.014+/-0.021 χ^2/NDF: 809275.0/32

Right: 7.101+/-0.000 χ^2/NDF: 2357682268192867

In: 138.565+/-0.000 χ^2/NDF:1182873.4/32

Out: 6.866+/-0.000 χ^2/NDF:29016548.8/35

All: 7.101+/-0.000 χ^2/NDF: 2357682268192

dit_atr1_4aX_slope vs Slug, Sign Corrected

Right In: -73.485+/-0.000 χ^2/NDF: 98703.2/16

Left Out: -184.629+/-0.284 χ^2/NDF:68189.6/16

Right Out: -580.262+/-0.261 χ^2/NDF: 3031609.5/18

Left In: -176.847+/-0.294 χ^2/NDF:62722.6/15

Left: -180.873+/-0.204 χ^2/NDF: 131275.3/32

Right: -73.485+/-0.000 χ^2/NDF: 6902096.9/35

In: -73.485+/-0.000 χ^2/NDF:285237.8/32

Out: -398.987+/-0.192 χ^2/NDF:4153078.2/35

All: -73.485+/-0.000 χ^2/NDF: 7310241.1/68

dit_atr1_4eX_slope vs Slug, Sign Corrected

Right In: 42.743+/-0.000 χ^2/NDF: 84599.8/16

Left Out: 138.894+/-0.288 χ^2/NDF:82517.5/16

Right Out: 1036.068+/-0.000 χ^2/NDF: 4933722.5/18

Left In: 130.136+/-0.300 χ^2/NDF:71914.4/15

Left: 134.683+/-0.208 χ^2/NDF: 154875.6/32

Right: 43.272+/-0.000 χ^2/NDF: 1144517497266833

In: 42.743+/-0.000 χ^2/NDF:241630.3/32

Out: 1036.068+/-0.000 χ^2/NDF:14700772.8/35

All: 43.272+/-0.000 χ^2/NDF: 1144517497266

dit_atr1_11X12X_slope vs Slug, Sign Corrected

Right In: -28.822+/-0.035 χ^2/NDF: 49503.4/16

Left Out: -21.097+/-0.015 χ^2/NDF:345284.7/16

Right Out: -22.707+/-0.038 χ^2/NDF: 410174.9/18

Left In: -20.036+/-0.017 χ^2/NDF:200381.6/15

Left: -20.634+/-0.011 χ^2/NDF: 547991.6/32

Right: -26.045+/-0.026 χ^2/NDF: 473753.1/35

In: -21.657+/-0.015 χ^2/NDF:302053.8/32

Out: -21.302+/-0.014 χ^2/NDF:757018.5/35

All: -21.463+/-0.010 χ^2/NDF: 1059381.0/68

dit_atr1_4aY_slope vs Slug, Sign Corrected

Right In: 13.238+/-0.000 χ^2/NDF: 5756.1/16

Left Out: 13.810+/-0.014 χ^2/NDF:7139.1/16

Right Out: -66.739+/-0.000 χ^2/NDF: 3023648.4/18

Left In: 13.791+/-0.015 χ^2/NDF:7048.9/15

Left: 13.801+/-0.010 χ^2/NDF: 14188.9/32

Right: 12.562+/-0.000 χ^2/NDF: 1884310027651005

In: 13.238+/-0.000 χ^2/NDF:14237.3/32

Out: -66.739+/-0.000 χ^2/NDF:37813964.9/35

All: 12.562+/-0.000 χ^2/NDF: 1884310027651

dit_atr1_4eY_slope vs Slug, Sign Corrected

Right In: -32.504+/-0.000 χ^2/NDF: 74187.4/16

Left Out: -23.857+/-0.019 χ^2/NDF:16164.2/16

Right Out: -23.151+/-0.048 χ^2/NDF: 90749.4/18

Left In: -24.189+/-0.018 χ^2/NDF:6791.9/15

Left: -24.029+/-0.013 χ^2/NDF: 23115.7/32

Right: -32.504+/-0.000 χ^2/NDF: 203519.3/35

In: -32.504+/-0.000 χ^2/NDF:289098.3/32

Out: -23.762+/-0.018 χ^2/NDF:107103.7/35

All: -32.504+/-0.000 χ^2/NDF: 644525.2/68

dit_atr2_4aX_slope vs Slug, Sign Corrected

Right In: -1342.107+/-0.000 χ^2/NDF: 370901.4/16

Left Out: -1935.734+/-0.382 χ^2/NDF:27252.2/16

Right Out: -1496.932+/-0.000 χ^2/NDF: 504712.5/18

Left In: -1931.915+/-0.325 χ^2/NDF:26614.9/15

Left: -1933.521+/-0.248 χ^2/NDF: 53925.1/32

Right: -1396.751+/-0.000 χ^2/NDF: 1800086126763

In: -1342.107+/-0.000 χ^2/NDF:3688539.5/32

Out: -1496.932+/-0.000 χ^2/NDF:1853193.9/35

All: -1396.751+/-0.000 χ^2/NDF: 1800086126

dit_atr2_4eX_slope vs Slug, Sign Corrected

Right In: 1873.852+/-0.000 χ^2/NDF: 201563.9/16

Left Out: 2153.732+/-0.386 χ^2/NDF:31670.9/16

Right Out: 1706.739+/-0.302 χ^2/NDF: 837936.9/18

Left In: 2154.665+/-0.326 χ^2/NDF:40903.0/15

Left: 2154.277+/-0.249 χ^2/NDF: 72577.3/32

Right: 1873.852+/-0.000 χ^2/NDF: 1344906.8/35

In: 1873.852+/-0.000 χ^2/NDF:983966.9/32

Out: 1876.733+/-0.238 χ^2/NDF:1700594.0/35

All: 1873.852+/-0.000 χ^2/NDF: 2684707.4/68

dit_atr2_11X12X_slope vs Slug, Sign Corrected

Right In: -292.986+/-0.000 χ^2/NDF: 1015592.4/16

Left Out: -258.856+/-0.022 χ^2/NDF:205017.2/16

Right Out: -254.119+/-0.059 χ^2/NDF: 502658.5/18

Left In: -259.229+/-0.019 χ^2/NDF:249461.9/15

Left: -259.069+/-0.015 χ^2/NDF: 454640.2/32

Right: -292.986+/-0.000 χ^2/NDF: 1952225.7/35

In: -292.986+/-0.000 χ^2/NDF:4349695.3/32

Out: -258.269+/-0.021 χ^2/NDF:713324.5/35

All: -292.986+/-0.000 χ^2/NDF: 7855410.7/68

dit_atr2_4aY_slope vs Slug, Sign Corrected

Right In: -78.728+/-0.000 χ^2/NDF: 1399088.3/16

Left Out: -12.454+/-0.020 χ^2/NDF:671812.9/16

Right Out: -5.769+/-0.000 χ^2/NDF: 111570.1/18

Left In: -18.970+/-0.019 χ^2/NDF:749779.8/15

Left: -16.003+/-0.014 χ^2/NDF: 1478053.8/32

Right: -6.288+/-0.000 χ^2/NDF: 2878797679293380

In: -78.728+/-0.000 χ^2/NDF:12577886.2/32

Out: -5.769+/-0.000 χ^2/NDF:892459.9/35

All: -6.288+/-0.000 χ^2/NDF: 2878797679293

dit_atr2_4eY_slope vs Slug, Sign Corrected

Right In: 189.551+/-0.000 χ^2/NDF: 927391.8/16

Left Out: 120.172+/-0.026 χ^2/NDF:187905.2/16

Right Out: 138.002+/-0.059 χ^2/NDF: 117357.8/18

Left In: 121.970+/-0.026 χ^2/NDF:230100.3/15

Left: 121.045+/-0.018 χ^2/NDF: 420397.0/32

Right: 189.551+/-0.000 χ^2/NDF: 1806450.5/35

In: 189.551+/-0.000 χ^2/NDF:7733695.5/32

Out: 122.994+/-0.023 χ^2/NDF:381962.8/35

All: 189.551+/-0.000 χ^2/NDF: 16139739.5/68

dit_sam1_4aX_slope vs Slug, Sign Corrected

Right In: -1.007+/-0.000 χ^2/NDF: 7057.7/16

Left Out: 2.104+/-0.020 χ^2/NDF:5323.5/16

Right Out: -11.872+/-0.000 χ^2/NDF: 503632.2/18

Left In: 2.451+/-0.017 χ^2/NDF:6453.5/15

Left: 2.309+/-0.013 χ^2/NDF: 11951.7/32

Right: -1.365+/-0.000 χ^2/NDF: 2170760676638215

In: -1.007+/-0.000 χ^2/NDF:55660.4/32

Out: -11.872+/-0.000 χ^2/NDF:988010.0/35

All: -1.365+/-0.000 χ^2/NDF: 2170760676638

dit_sam1_4eX_slope vs Slug, Sign Corrected

Right In: -7.899+/-0.000 χ^2/NDF: 39443.5/16

Left Out: -16.097+/-0.020 χ^2/NDF:6119.7/16

Right Out: -2.410+/-0.000 χ^2/NDF: 203043.8/18

Left In: -16.555+/-0.017 χ^2/NDF:5408.5/15

Left: -16.355+/-0.013 χ^2/NDF: 11828.0/32

Right: -4.135+/-0.000 χ^2/NDF: 2879850560728951

In: -7.899+/-0.000 χ^2/NDF:290164.7/32

Out: -2.410+/-0.000 χ^2/NDF:682827.9/35

All: -4.135+/-0.000 χ^2/NDF: 2879850560728

dit_sam1_11X12X_slope vs Slug, Sign Corrected

Right In: 0.314+/-0.001 χ^2/NDF: 2748.0/16

Left Out: 0.311+/-0.000 χ^2/NDF:4123.2/16

Right Out: -0.107+/-0.000 χ^2/NDF: 219932.8/18

Left In: 0.309+/-0.000 χ^2/NDF:2710.3/15

Left: 0.310+/-0.000 χ^2/NDF: 6853.2/32

Right: -0.107+/-0.000 χ^2/NDF: 409026.8/35

In: 0.309+/-0.000 χ^2/NDF:5481.5/32

Out: -0.107+/-0.000 χ^2/NDF:2712870.1/35

All: -0.107+/-0.000 χ^2/NDF: 5251034.2/68

dit_sam1_4aY_slope vs Slug, Sign Corrected

Right In: -38.539+/-0.000 χ^2/NDF: 14950854.6/16

Left Out: -50.336+/-0.002 χ^2/NDF:253068.4/16

Right Out: -52.737+/-0.002 χ^2/NDF: 87430.2/18

Left In: -50.218+/-0.001 χ^2/NDF:164509.0/15

Left: -50.267+/-0.001 χ^2/NDF: 420678.8/32

Right: -38.539+/-0.000 χ^2/NDF: 72100834.2/35

In: -38.539+/-0.000 χ^2/NDF:88673553.6/32

Out: -51.366+/-0.001 χ^2/NDF:1272326.7/35

All: -38.539+/-0.000 χ^2/NDF: 198563488.4/6

dit_sam1_4eY_slope vs Slug, Sign Corrected

Right In: -60.594+/-0.000 χ^2/NDF: 26122838.1/16

Left Out: 6.842+/-0.004 χ^2/NDF:273228.1/16

Right Out: 6.748+/-0.011 χ^2/NDF: 1266598.3/18

Left In: 7.348+/-0.004 χ^2/NDF:157927.1/15

Left: 7.115+/-0.003 χ^2/NDF: 440383.1/32

Right: -60.594+/-0.000 χ^2/NDF: 64778482.9/35

In: -60.594+/-0.000 χ^2/NDF:386659846.1/32

Out: 6.832+/-0.004 χ^2/NDF:1539890.5/35

All: -60.594+/-0.000 χ^2/NDF: 729188939.7/6

dit_sam2_4aX_slope vs Slug, Sign Corrected

Right In: 58.880+/-0.000 χ^2/NDF: 3814.7/16

Left Out: 51.432+/-0.309 χ^2/NDF:6932.1/16

Right Out: 95.846+/-0.000 χ^2/NDF: 39385.0/18

Left In: 53.688+/-0.260 χ^2/NDF:5364.6/15

Left: 52.755+/-0.199 χ^2/NDF: 12327.8/32

Right: 60.098+/-0.000 χ^2/NDF: 9815233945666380

In: 58.880+/-0.000 χ^2/NDF:9578.8/32

Out: 95.846+/-0.000 χ^2/NDF:66937.8/35

All: 60.098+/-0.000 χ^2/NDF: 9815233945666

dit_sam2_4eX_slope vs Slug, Sign Corrected

Right In: -350.833+/-0.245 χ^2/NDF: 41301.1/16

Left Out: -236.559+/-0.308 χ^2/NDF:17309.9/16

Right Out: -498.692+/-0.000 χ^2/NDF: 511870.8/18

Left In: -242.676+/-0.264 χ^2/NDF:11611.3/15

Left: -240.093+/-0.200 χ^2/NDF: 29148.9/32

Right: -498.692+/-0.000 χ^2/NDF: 918780.8/35

In: -300.791+/-0.179 χ^2/NDF:143423.8/32

Out: -498.692+/-0.000 χ^2/NDF:1252618.6/35

All: -498.692+/-0.000 χ^2/NDF: 2614973.8/68

dit_sam2_11X12X_slope vs Slug, Sign Corrected

Right In: 1.930+/-0.000 χ^2/NDF: 59970.9/16

Left Out: 0.515+/-0.002 χ^2/NDF:8044.8/16

Right Out: 3.123+/-0.000 χ^2/NDF: 512565.5/18

Left In: 0.558+/-0.002 χ^2/NDF:13284.0/15

Left: 0.539+/-0.001 χ^2/NDF: 21560.9/32

Right: 2.073+/-0.000 χ^2/NDF: 38099534578085305

In: 1.930+/-0.000 χ^2/NDF:622530.3/32

Out: 3.123+/-0.000 χ^2/NDF:2044772.5/35

All: 2.073+/-0.000 χ^2/NDF: 38099534578085

dit_sam2_4aY_slope vs Slug, Sign Corrected

Right In: 54.556+/-0.000 χ^2/NDF: 7238433.0/16

Left Out: 13.209+/-0.007 χ^2/NDF:178513.0/16

Right Out: 17.458+/-0.018 χ^2/NDF: 99308.5/18

Left In: 13.227+/-0.007 χ^2/NDF:187533.0/15

Left: 13.219+/-0.005 χ^2/NDF: 366049.9/32

Right: 54.556+/-0.000 χ^2/NDF: 11453944.4/35

In: 54.556+/-0.000 χ^2/NDF:46947390.8/32

Out: 13.771+/-0.007 χ^2/NDF:324700.0/35

All: 54.556+/-0.000 χ^2/NDF: 84896565.9/68

dit_sam2_4eY_slope vs Slug, Sign Corrected

Right In: -382.108+/-0.000 χ^2/NDF: 18398024.3/16

Left Out: -200.712+/-0.015 χ^2/NDF:728080.8/16

Right Out: -483.800+/-0.000 χ^2/NDF: 24338683.6/18

Left In: -200.599+/-0.015 χ^2/NDF:720900.1/15

Left: -200.652+/-0.011 χ^2/NDF: 1449009.2/32

Right: -417.999+/-0.000 χ^2/NDF: 12425488813367

In: -382.108+/-0.000 χ^2/NDF:172810592.1/32

Out: -483.800+/-0.000 χ^2/NDF:359584053.6/35

All: -417.999+/-0.000 χ^2/NDF: 12425488813

dit_sam3_4aX_slope vs Slug, Sign Corrected

Right In: -26.504+/-0.000 χ^2/NDF: 1180.7/16

Left Out: -29.816+/-0.317 χ^2/NDF:4971.2/16

Right Out: -26.577+/-0.000 χ^2/NDF: 2640.9/18

Left In: -29.834+/-0.266 χ^2/NDF:6798.5/15

Left: -29.827+/-0.204 χ^2/NDF: 11769.7/32

Right: -26.530+/-0.000 χ^2/NDF: 412159279654659

In: -26.504+/-0.000 χ^2/NDF:8135.9/32

Out: -26.577+/-0.000 χ^2/NDF:7716.5/35

All: -26.530+/-0.000 χ^2/NDF: 412159279654

dit_sam3_4eX_slope vs Slug, Sign Corrected

Right In: -79.376+/-0.000 χ^2/NDF: 1304.6/16

Left Out: -63.273+/-0.311 χ^2/NDF:11128.2/16

Right Out: -83.099+/-0.178 χ^2/NDF: 11915.8/18

Left In: -66.625+/-0.264 χ^2/NDF:6901.8/15

Left: -65.221+/-0.201 χ^2/NDF: 18097.5/32

Right: -79.376+/-0.000 χ^2/NDF: 13657.0/35

In: -79.376+/-0.000 χ^2/NDF:10538.7/32

Out: -78.200+/-0.155 χ^2/NDF:26103.7/35

All: -79.376+/-0.000 χ^2/NDF: 36700.3/68

dit_sam3_11X12X_slope vs Slug, Sign Corrected

Right In: 0.521+/-0.000 χ^2/NDF: 3370.8/16

Left Out: 0.304+/-0.002 χ^2/NDF:5941.6/16

Right Out: 0.403+/-0.011 χ^2/NDF: 2727.5/18

Left In: 0.387+/-0.002 χ^2/NDF:9338.4/15

Left: 0.352+/-0.001 χ^2/NDF: 16179.2/32

Right: 0.521+/-0.000 χ^2/NDF: 6215.1/35

In: 0.521+/-0.000 χ^2/NDF:18239.1/32

Out: 0.308+/-0.002 χ^2/NDF:8749.4/35

All: 0.521+/-0.000 χ^2/NDF: 37687.3/68

dit_sam3_4aY_slope vs Slug, Sign Corrected

Right In: -2.320+/-0.000 χ^2/NDF: 270771.9/16

Left Out: -6.756+/-0.003 χ^2/NDF:8219.8/16

Right Out: -4.864+/-0.010 χ^2/NDF: 49380.5/18

Left In: -6.824+/-0.003 χ^2/NDF:8106.8/15

Left: -6.792+/-0.002 χ^2/NDF: 16670.2/32

Right: -2.320+/-0.000 χ^2/NDF: 381161.7/35

In: -2.320+/-0.000 χ^2/NDF:3469320.0/32

Out: -6.634+/-0.003 χ^2/NDF:89132.8/35

All: -2.320+/-0.000 χ^2/NDF: 6280609.0/68

dit_sam3_4eY_slope vs Slug, Sign Corrected

Right In: 11.268+/-0.000 χ^2/NDF: 958029.3/16

Left Out: 28.925+/-0.009 χ^2/NDF:12461.5/16

Right Out: 37.191+/-0.000 χ^2/NDF: 1121929.1/18

Left In: 29.318+/-0.009 χ^2/NDF:7798.4/15

Left: 29.142+/-0.006 χ^2/NDF: 21204.4/32

Right: 12.122+/-0.000 χ^2/NDF: 7723055694978834

In: 11.268+/-0.000 χ^2/NDF:5402864.0/32

Out: 37.191+/-0.000 χ^2/NDF:1893486.7/35

All: 12.122+/-0.000 χ^2/NDF: 7723055694978

dit_sam4_4aX_slope vs Slug, Sign Corrected

Right In: -4.139+/-0.000 χ^2/NDF: 4654.2/16

Left Out: 54.748+/-0.344 χ^2/NDF:5042.3/16

Right Out: 54.427+/-0.170 χ^2/NDF: 53998.7/18

Left In: 57.567+/-0.287 χ^2/NDF:5242.4/15

Left: 56.413+/-0.220 χ^2/NDF: 10324.4/32

Right: -4.139+/-0.000 χ^2/NDF: 177029.3/35

In: -4.139+/-0.000 χ^2/NDF:56283.7/32

Out: 54.490+/-0.153 χ^2/NDF:59041.7/35

All: -4.139+/-0.000 χ^2/NDF: 262970.4/68

dit_sam4_4eX_slope vs Slug, Sign Corrected

Right In: -124.095+/-0.000 χ^2/NDF: 38152.5/16

Left Out: -228.553+/-0.338 χ^2/NDF:13204.2/16

Right Out: -273.143+/-0.113 χ^2/NDF: 280141.9/18

Left In: -238.709+/-0.284 χ^2/NDF:7952.6/15

Left: -234.515+/-0.217 χ^2/NDF: 21685.7/32

Right: -124.095+/-0.000 χ^2/NDF: 2066776.4/35

In: -124.095+/-0.000 χ^2/NDF:209254.3/32

Out: -268.688+/-0.107 χ^2/NDF:308980.9/35

All: -124.095+/-0.000 χ^2/NDF: 2346410.1/68

dit_sam4_11X12X_slope vs Slug, Sign Corrected

Right In: 0.888+/-0.000 χ^2/NDF: 8672.0/16

Left Out: 0.497+/-0.003 χ^2/NDF:3595.8/16

Right Out: -0.226+/-0.000 χ^2/NDF: 5031.1/18

Left In: 0.577+/-0.002 χ^2/NDF:4901.0/15

Left: 0.543+/-0.002 χ^2/NDF: 9034.0/32

Right: 0.888+/-0.000 χ^2/NDF: 422220530.0/35

In: 0.888+/-0.000 χ^2/NDF:32409.0/32

Out: -0.226+/-0.000 χ^2/NDF:83726.9/35

All: 0.888+/-0.000 χ^2/NDF: 422269802.5/68

dit_sam4_4aY_slope vs Slug, Sign Corrected

Right In: 4.057+/-0.000 χ^2/NDF: 1247888.2/16

Left Out: -16.704+/-0.011 χ^2/NDF:158550.3/16

Right Out: -22.885+/-0.026 χ^2/NDF: 116508.9/18

Left In: -17.965+/-0.010 χ^2/NDF:132942.2/15

Left: -17.404+/-0.007 χ^2/NDF: 298536.1/32

Right: 4.057+/-0.000 χ^2/NDF: 2412173.4/35

In: 4.057+/-0.000 χ^2/NDF:6210966.2/32

Out: -17.652+/-0.010 χ^2/NDF:321754.2/35

All: 4.057+/-0.000 χ^2/NDF: 10968712.6/68

dit_sam4_4eY_slope vs Slug, Sign Corrected

Right In: 158.293+/-0.000 χ^2/NDF: 2410913.3/16

Left Out: 250.871+/-0.031 χ^2/NDF:551810.7/16

Right Out: 175.536+/-0.000 χ^2/NDF: 2100196.2/18

Left In: 254.857+/-0.030 χ^2/NDF:259271.6/15

Left: 252.938+/-0.021 χ^2/NDF: 819692.7/32

Right: 172.618+/-0.000 χ^2/NDF: 373727491225928

In: 158.293+/-0.000 χ^2/NDF:13163917.2/32

Out: 175.536+/-0.000 χ^2/NDF:8581913.8/35

All: 172.618+/-0.000 χ^2/NDF: 37372749122

dit_sam5_4aX_slope vs Slug, Sign Corrected

Right In: 3.778+/-0.000 χ^2/NDF: 6871.4/16

Left Out: 10.870+/-0.034 χ^2/NDF:2308.0/16

Right Out: 5.756+/-0.026 χ^2/NDF: 22291.6/18

Left In: 10.276+/-0.031 χ^2/NDF:7947.6/15

Left: 10.546+/-0.023 χ^2/NDF: 10424.1/32

Right: 3.778+/-0.000 χ^2/NDF: 35056.1/35

In: 3.778+/-0.000 χ^2/NDF:59127.2/32

Out: 7.636+/-0.020 χ^2/NDF:39089.7/35

All: 3.778+/-0.000 χ^2/NDF: 133672.0/68

dit_sam5_4eX_slope vs Slug, Sign Corrected

Right In: -0.287+/-0.000 χ^2/NDF: 44276.5/16

Left Out: -3.200+/-0.034 χ^2/NDF:18516.3/16

Right Out: -5.882+/-0.027 χ^2/NDF: 63493.9/18

Left In: -4.474+/-0.031 χ^2/NDF:39296.5/15

Left: -3.885+/-0.023 χ^2/NDF: 58583.0/32

Right: -0.287+/-0.000 χ^2/NDF: 150060.6/35

In: -0.287+/-0.000 χ^2/NDF:101550.9/32

Out: -4.822+/-0.021 χ^2/NDF:85850.2/35

All: -0.287+/-0.000 χ^2/NDF: 233338.6/68

dit_sam5_11X12X_slope vs Slug, Sign Corrected

Right In: 0.193+/-0.000 χ^2/NDF: 10027.5/16

Left Out: 0.323+/-0.001 χ^2/NDF:1515.9/16

Right Out: 0.280+/-0.001 χ^2/NDF: 6059.0/18

Left In: 0.345+/-0.001 χ^2/NDF:3352.3/15

Left: 0.334+/-0.000 χ^2/NDF: 5526.2/32

Right: 0.193+/-0.000 χ^2/NDF: 19578.7/35

In: 0.193+/-0.000 χ^2/NDF:82111.3/32

Out: 0.317+/-0.001 χ^2/NDF:8293.1/35

All: 0.193+/-0.000 χ^2/NDF: 139759.9/68

dit_sam5_4aY_slope vs Slug, Sign Corrected

Right In: 35.664+/-0.011 χ^2/NDF: 218662.5/16

Left Out: 32.070+/-0.003 χ^2/NDF:18953.3/16

Right Out: 89.735+/-0.000 χ^2/NDF: 25801560.6/18

Left In: 32.186+/-0.004 χ^2/NDF:11170.1/15

Left: 32.124+/-0.003 χ^2/NDF: 30652.2/32

Right: 89.735+/-0.000 χ^2/NDF: 48650023.7/35

In: 32.518+/-0.004 χ^2/NDF:314519.8/32

Out: 89.735+/-0.000 χ^2/NDF:304980941.5/35

All: 89.735+/-0.000 χ^2/NDF: 570965405.3/68

dit_sam5_4eY_slope vs Slug, Sign Corrected

Right In: 81.005+/-0.035 χ^2/NDF: 2228881.4/16

Left Out: 117.232+/-0.008 χ^2/NDF:141563.8/16

Right Out: 27.798+/-0.000 χ^2/NDF: 9183707.8/18

Left In: 116.952+/-0.009 χ^2/NDF:43094.1/15

Left: 117.108+/-0.006 χ^2/NDF: 185169.0/32

Right: 27.798+/-0.000 χ^2/NDF: 13786729.0/35

In: 114.564+/-0.009 χ^2/NDF:3283609.9/32

Out: 27.798+/-0.000 χ^2/NDF:127376551.6/35

All: 27.798+/-0.000 χ^2/NDF: 225662861.8/68

dit_sam6_4aX_slope vs Slug, Sign Corrected

Right In: 48.450+/-0.000 χ^2/NDF: 2751.4/16

Left Out: 69.599+/-0.181 χ^2/NDF:4362.7/16

Right Out: 27.342+/-0.000 χ^2/NDF: 25810.4/18

Left In: 68.058+/-0.150 χ^2/NDF:4896.8/15

Left: 68.684+/-0.116 χ^2/NDF: 9302.5/32

Right: 28.365+/-0.000 χ^2/NDF: 1026290104888328

In: 48.450+/-0.000 χ^2/NDF:24765.8/32

Out: 27.342+/-0.000 χ^2/NDF:84521.5/35

All: 28.365+/-0.000 χ^2/NDF: 1026290104888

dit_sam6_4eX_slope vs Slug, Sign Corrected

Right In: -18.800+/-0.148 χ^2/NDF: 11764.7/16

Left Out: -0.095+/-0.180 χ^2/NDF:7039.3/16

Right Out: -5.568+/-0.000 χ^2/NDF: 23097.3/18

Left In: 1.818+/-0.149 χ^2/NDF:4721.6/15

Left: 1.041+/-0.115 χ^2/NDF: 11827.7/32

Right: -5.568+/-0.000 χ^2/NDF: 42808.5/35

In: -8.543+/-0.105 χ^2/NDF:26084.3/32

Out: -5.568+/-0.000 χ^2/NDF:31057.3/35

All: -5.568+/-0.000 χ^2/NDF: 57941.1/68

dit_sam6_11X12X_slope vs Slug, Sign Corrected

Right In: 0.830+/-0.000 χ^2/NDF: 14882.7/16

Left Out: 0.488+/-0.001 χ^2/NDF:6330.6/16

Right Out: 0.227+/-0.000 χ^2/NDF: 11819.9/18

Left In: 0.531+/-0.001 χ^2/NDF:9893.6/15

Left: 0.511+/-0.001 χ^2/NDF: 16949.6/32

Right: 0.289+/-0.000 χ^2/NDF: 29066082561457147

In: 0.830+/-0.000 χ^2/NDF:101677.7/32

Out: 0.227+/-0.000 χ^2/NDF:66656.5/35

All: 0.289+/-0.000 χ^2/NDF: 29066082561457

dit_sam6_4aY_slope vs Slug, Sign Corrected

Right In: 22.543+/-0.009 χ^2/NDF: 105452.8/16

Left Out: 16.604+/-0.005 χ^2/NDF:185972.9/16

Right Out: 23.023+/-0.009 χ^2/NDF: 165838.0/18

Left In: 16.737+/-0.006 χ^2/NDF:103132.2/15

Left: 16.660+/-0.004 χ^2/NDF: 289380.2/32

Right: 22.790+/-0.006 χ^2/NDF: 272655.1/35

In: 18.481+/-0.005 χ^2/NDF:480689.8/32

Out: 18.192+/-0.004 χ^2/NDF:730666.6/35

All: 18.319+/-0.003 χ^2/NDF: 1213149.9/68

dit_sam6_4eY_slope vs Slug, Sign Corrected

Right In: -2.596+/-0.000 χ^2/NDF: 7395182.7/16

Left Out: 103.102+/-0.011 χ^2/NDF:490379.8/16

Right Out: 1.758+/-0.000 χ^2/NDF: 4230949.4/18

Left In: 102.620+/-0.011 χ^2/NDF:418871.2/15

Left: 102.860+/-0.008 χ^2/NDF: 910141.4/32

Right: -1.059+/-0.000 χ^2/NDF: 3731791751577379

In: -2.596+/-0.000 χ^2/NDF:93215087.9/32

Out: 1.758+/-0.000 χ^2/NDF:83220135.3/35

All: -1.059+/-0.000 χ^2/NDF: 3731791751577

dit_sam7_4aX_slope vs Slug, Sign Corrected

Right In: 83.573+/-0.000 χ^2/NDF: 49468.0/16

Left Out: 86.500+/-0.073 χ^2/NDF:5649.5/16

Right Out: 93.762+/-0.000 χ^2/NDF: 82848.8/18

Left In: 86.235+/-0.059 χ^2/NDF:7161.2/15

Left: 86.340+/-0.046 χ^2/NDF: 12818.6/32

Right: 87.169+/-0.000 χ^2/NDF: 1995684404141260

In: 83.573+/-0.000 χ^2/NDF:58654.0/32

Out: 93.762+/-0.000 χ^2/NDF:98451.8/35

All: 87.169+/-0.000 χ^2/NDF: 1995684404141

dit_sam7_4eX_slope vs Slug, Sign Corrected

Right In: -123.524+/-0.000 χ^2/NDF: 160356.5/16

Left Out: -130.301+/-0.072 χ^2/NDF:8435.1/16

Right Out: -133.456+/-0.000 χ^2/NDF: 394896.3/18

Left In: -129.719+/-0.058 χ^2/NDF:5443.4/15

Left: -129.949+/-0.045 χ^2/NDF: 13917.9/32

Right: -124.716+/-0.000 χ^2/NDF: 64467869901657

In: -123.524+/-0.000 χ^2/NDF:177095.2/32

Out: -133.456+/-0.000 χ^2/NDF:405239.8/35

All: -124.716+/-0.000 χ^2/NDF: 64467869901

dit_sam7_11X12X_slope vs Slug, Sign Corrected

Right In: 0.376+/-0.000 χ^2/NDF: 3961.7/16

Left Out: 0.391+/-0.001 χ^2/NDF:4722.6/16

Right Out: 0.354+/-0.002 χ^2/NDF: 4592.7/18

Left In: 0.407+/-0.000 χ^2/NDF:7252.0/15

Left: 0.400+/-0.000 χ^2/NDF: 12411.9/32

Right: 0.376+/-0.000 χ^2/NDF: 8762.1/35

In: 0.376+/-0.000 χ^2/NDF:15057.0/32

Out: 0.386+/-0.001 χ^2/NDF:9835.9/35

All: 0.376+/-0.000 χ^2/NDF: 25286.2/68

dit_sam7_4aY_slope vs Slug, Sign Corrected

Right In: 7.032+/-0.000 χ^2/NDF: 19770.1/16

Left Out: 7.217+/-0.001 χ^2/NDF:27686.5/16

Right Out: 7.233+/-0.002 χ^2/NDF: 10061.8/18

Left In: 7.244+/-0.001 χ^2/NDF:17997.1/15

Left: 7.232+/-0.001 χ^2/NDF: 46119.6/32

Right: 7.032+/-0.000 χ^2/NDF: 36990.7/35

In: 7.032+/-0.000 χ^2/NDF:97105.2/32

Out: 7.219+/-0.001 χ^2/NDF:37789.4/35

All: 7.032+/-0.000 χ^2/NDF: 178524.1/68

dit_sam7_4eY_slope vs Slug, Sign Corrected

Right In: -10.092+/-0.000 χ^2/NDF: 543504.2/16

Left Out: -11.802+/-0.002 χ^2/NDF:465420.2/16

Right Out: -12.509+/-0.004 χ^2/NDF: 103509.4/18

Left In: -12.130+/-0.002 χ^2/NDF:36100.4/15

Left: -11.968+/-0.001 χ^2/NDF: 517920.8/32

Right: -10.092+/-0.000 χ^2/NDF: 1062248.5/35

In: -10.092+/-0.000 χ^2/NDF:1866465.3/32

Out: -11.937+/-0.002 χ^2/NDF:597637.7/35

All: -10.092+/-0.000 χ^2/NDF: 3733288.1/68

dit_sam8_4aX_slope vs Slug, Sign Corrected

Right In: 57.510+/-0.000 χ^2/NDF: 8108.6/16

Left Out: 61.198+/-0.044 χ^2/NDF:5251.0/16

Right Out: 66.645+/-0.013 χ^2/NDF: 8163.8/18

Left In: 61.157+/-0.036 χ^2/NDF:7365.4/15

Left: 61.173+/-0.028 χ^2/NDF: 12616.9/32

Right: 57.510+/-0.000 χ^2/NDF: 504438.3/35

In: 57.510+/-0.000 χ^2/NDF:25822.8/32

Out: 66.197+/-0.013 χ^2/NDF:27667.1/35

All: 57.510+/-0.000 χ^2/NDF: 534521.5/68

dit_sam8_4eX_slope vs Slug, Sign Corrected

Right In: -74.974+/-0.000 χ^2/NDF: 130544.0/16

Left Out: -94.240+/-0.044 χ^2/NDF:5255.0/16

Right Out: -102.430+/-0.018 χ^2/NDF: 50377.5/18

Left In: -94.650+/-0.036 χ^2/NDF:8737.9/15

Left: -94.483+/-0.028 χ^2/NDF: 14044.9/32

Right: -74.974+/-0.000 χ^2/NDF: 2556524.2/35

In: -74.974+/-0.000 χ^2/NDF:433582.6/32

Out: -101.263+/-0.016 χ^2/NDF:85747.7/35

All: -74.974+/-0.000 χ^2/NDF: 3059131.1/68

dit_sam8_11X12X_slope vs Slug, Sign Corrected

Right In: 0.541+/-0.000 χ^2/NDF: 29180.5/16

Left Out: 0.366+/-0.000 χ^2/NDF:3084.3/16

Right Out: 0.030+/-0.000 χ^2/NDF: 121659.5/18

Left In: 0.372+/-0.000 χ^2/NDF:5743.9/15

Left: 0.370+/-0.000 χ^2/NDF: 8939.9/32

Right: 0.030+/-0.000 χ^2/NDF: 23314297700963382

In: 0.541+/-0.000 χ^2/NDF:313607.2/32

Out: 0.030+/-0.000 χ^2/NDF:771487.5/35

All: 0.030+/-0.000 χ^2/NDF: 2331429770096

dit_sam8_4aY_slope vs Slug, Sign Corrected

Right In: -51.888+/-0.002 χ^2/NDF: 77585.2/16

Left Out: -48.626+/-0.001 χ^2/NDF:610252.0/16

Right Out: -52.684+/-0.003 χ^2/NDF: 56125.8/18

Left In: -48.762+/-0.001 χ^2/NDF:708614.1/15

Left: -48.705+/-0.001 χ^2/NDF: 1326913.4/32

Right: -52.231+/-0.002 χ^2/NDF: 188721.6/35

In: -49.271+/-0.001 χ^2/NDF:2434038.8/32

Out: -49.311+/-0.001 χ^2/NDF:2755336.0/35

All: -49.288+/-0.001 χ^2/NDF: 5190217.7/68

dit_sam8_4eY_slope vs Slug, Sign Corrected

Right In: 47.545+/-0.000 χ^2/NDF: 3491700.1/16

Left Out: 54.831+/-0.003 χ^2/NDF:273695.9/16

Right Out: 63.095+/-0.007 χ^2/NDF: 333637.2/18

Left In: 54.765+/-0.003 χ^2/NDF:88748.6/15

Left: 54.793+/-0.002 χ^2/NDF: 362709.2/32

Right: 47.545+/-0.000 χ^2/NDF: 8155028.5/35

In: 47.545+/-0.000 χ^2/NDF:10957262.6/32

Out: 56.034+/-0.003 χ^2/NDF:1652160.2/35

All: 47.545+/-0.000 χ^2/NDF: 21472667.8/68

dit_4aX_coil1_mean vs Slug, Sign Corrected

Left: 16.381+/-0.000 χ^2/NDF: 43828608668570412

Right In: -289.322+/-0.000 χ^2/NDF: 53696816404848914786495853921839349 76.0/14

Right: -11.129+/-0.000 χ^2/NDF: 108768514077982

Left Out: -470.248+/-0.000 χ^2/NDF:46073619006351335073368931742232084 48.0/11

In: 173.938+/-0.000 χ^2/NDF:2434992102571034

Right Out: 259.558+/-0.000 χ^2/NDF: 42998867926921239707845639837707 14112.0/15

Out: -162.937+/-0.000 χ^2/NDF:214569343830480

Left In: 499.323+/-0.000 χ^2/NDF:10187894616066444101072217184655114 24.0/10

All: 4.914+/-0.000 χ^2/NDF: 5476353608355

dit_4aX_coil1_err_mean vs Slug, Sign Corrected

Right In: 5.270+/-0.000 χ^2/NDF: 87096832921237983305509067900846 08.0/14

Left Out: 7.267+/-0.000 χ^2/NDF:65618458913614380994529453638942 72.0/11

Right Out: -4.732+/-0.000 χ^2/NDF: 68568930725752115628022814264524 80.0/15

Left In: -7.475+/-0.000 χ^2/NDF:70578121393995795388702445503774 72.0/10

Left: -0.132+/-0.000 χ^2/NDF: 11364150360100076

Right: 0.201+/-0.000 χ^2/NDF: 48467955168543439

In: -2.217+/-0.000 χ^2/NDF:77685923011797950 8

Out: 2.215+/-0.000 χ^2/NDF:69010722061877531 8

All: 0.007+/-0.000 χ^2/NDF: 16219425295293

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:1947741480778667
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_4eX_coil1_mean vs Slug, Sign Corrected

Left: 16.468+/-0.000 χ^2/NDF: 4294944403006017
Right In: -285.187+/-0.000 χ^2/NDF: 447958526285354983809252192129174732 8.0/14
Right: -10.589+/-0.000 χ^2/NDF: 104681795299957
Left Out: -464.487+/-0.000 χ^2/NDF:54125122737446035774748796605264035 84.0/11
In: 172.388+/-0.000 χ^2/NDF:2372579446199701
Right Out: 256.599+/-0.000 χ^2/NDF: 364827153597103916595260256319176704 0.0/15
Out: -160.848+/-0.000 χ^2/NDF:209837987568430
Left In: 493.780+/-0.000 χ^2/NDF:145179473127714223090146053222668697 6.0/10
All: 5.190+/-0.000 χ^2/NDF: 5347380399612

dit_4eX_coil1_err_mean vs Slug, Sign Corrected

Left: -0.112+/-0.000 χ^2/NDF: 98305442984761491

Right In: 4.959+/-0.000 χ^2/NDF: 1046546705714337181737168164146380 8.0/14

Right: 0.201+/-0.000 χ^2/NDF: 4782630088490530 0

Left Out: 6.806+/-0.000 χ^2/NDF:5243464744446974431083540143669248.0/11

In: -2.053+/-0.000 χ^2/NDF:704055543100119257

Right Out: -4.429+/-0.000 χ^2/NDF: 8371440400334524571131796772618240.0/15

Out: 2.075+/-0.000 χ^2/NDF:62353311889232177 8

Left In: -6.978+/-0.000 χ^2/NDF:5622697014277754941158413236699136.0/10

All: 0.018+/-0.000 χ^2/NDF: 1462068445773 8

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:204629200913052 7
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:1947741480778667
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_11X12X_coil1_mean vs Slug, Sign Corrected

Left: 7.345+/-0.000 χ^2/NDF: 94526045033422364
Right In: -210.261+/-0.000 χ^2/NDF: 567711076568068409192467700494893056.0/14
Right: -3.979+/-0.000 χ^2/NDF: 5596508618889263
Left Out: -219.010+/-0.000 χ^2/NDF:7311322343420992689001316159775047 68.0/11
In: 49.520+/-0.000 χ^2/NDF:75312551342115055
Right Out: 196.736+/-0.000 χ^2/NDF: 9095888950930448406336405147903590 40.0/15
Out: -43.945+/-0.000 χ^2/NDF:6838245163544745
Left In: 231.985+/-0.000 χ^2/NDF:18299202728040146313906510529088716 8.0/10
All: 2.624+/-0.000 χ^2/NDF: 1505895384399

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected

Left: 0.040+/-0.000 χ^2/NDF: 25018583674186082
Right In: 6.842+/-0.000 χ^2/NDF: 935593416682332446731664762077184 0/14
Right: 0.484+/-0.000 χ^2/NDF: 64278461955509291
Left Out: 11.226+/-0.000 χ^2/NDF:171578317285058105545435772081930 24.0/11
In: -3.675+/-0.000 χ^2/NDF:135955249397154669
Right Out: -5.701+/-0.000 χ^2/NDF: 317469339830095339313773179148697 6.0/15
Out: 4.098+/-0.000 χ^2/NDF:13097537700358980
Left In: -11.061+/-0.000 χ^2/NDF:441755938778495440031193371351449 6.0/10
All: 0.225+/-0.000 χ^2/NDF: 3146156012036

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:204629200913052 7
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:194774148077866 7
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_4aY_coil1_mean vs Slug, Sign Corrected

Left: 0.124+/-0.000 χ^2/NDF: 367351832959330491

Right In: 2.171+/-0.000 χ^2/NDF: 3599819246909975678410499691642880.0/14

Right: -0.018+/-0.000 χ^2/NDF: 1282950255194488

Left Out: 3.836+/-0.000 χ^2/NDF:5077142493205652960507998024761344.0/11

In: -1.195+/-0.000 χ^2/NDF:226097487134650351

Right Out: -2.148+/-0.000 χ^2/NDF: 3093887336239378959606321931878400.0/15

Out: 1.316+/-0.000 χ^2/NDF:219948934261625392

Left In: -3.559+/-0.000 χ^2/NDF:6492667345109962540652165758713856.0/10

All: 0.065+/-0.000 χ^2/NDF: 49580185469382

dit_4aY_coil1_err_mean vs Slug, Sign Corrected

Left: -0.026+/-0.000 χ^2/NDF: 65477757468547027

Right In: 1.691+/-0.000 χ^2/NDF: 612163393317609859674079412355072.0/14

Right: 0.093+/-0.000 χ^2/NDF: 43263312753970357

Left Out: 1.841+/-0.000 χ^2/NDF:853386632133716013992078475264 00.0/11

In: -0.406+/-0.000 χ^2/NDF:556196517771187765

Right Out: -1.462+/-0.000 χ^2/NDF: 444384511662519040022371754835968.0/15

Out: 0.450+/-0.000 χ^2/NDF:474372194444709163

Left In: -1.879+/-0.000 χ^2/NDF:909680522681123096173429821276 16.0/10

All: 0.024+/-0.000 χ^2/NDF: 1088493187133 5

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:204629200913052 7
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:1947741480778667
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_4eY_coil1_mean vs Slug, Sign Corrected

Right In: 3.181+/-0.000 χ^2/NDF: 583330322786825261770456639419187 2.0/14

Left Out: 3.865+/-0.000 χ^2/NDF:249802179242454281721420457810329 6.0/11

Right Out: -3.032+/-0.000 χ^2/NDF: 493720983137179394549654683333427 2.0/15

Left In: -4.308+/-0.000 χ^2/NDF:707349566769428035180316810700390 4.0/10

Left: -0.237+/-0.000 χ^2/NDF: 4032036361493267 6

Right: 0.032+/-0.000 χ^2/NDF: 2346777156531399 0

In: -1.218+/-0.000 χ^2/NDF:342914810766388262

Out: 0.961+/-0.000 χ^2/NDF:258037287584241486

All: -0.125+/-0.000 χ^2/NDF: 6384378527742

dit_4eY_coil1_err_mean vs Slug, Sign Corrected

Left: -0.024+/-0.000 χ^2/NDF: 68309048623499406

Right In: 1.607+/-0.000 χ^2/NDF: 46094962864014818418120573583360 0.0/14

Right: 0.091+/-0.000 χ^2/NDF: 37590279045296247

Left Out: 1.883+/-0.000 χ^2/NDF:93981074591902245168022313500672.0/11

In: -0.463+/-0.000 χ^2/NDF:52869711711088575 9

Right Out: -1.383+/-0.000 χ^2/NDF: 35834889701628620095765033779200 0.0/15

Out: 0.508+/-0.000 χ^2/NDF:4570147587666561 33

Left In: -1.916+/-0.000 χ^2/NDF:95276515809016209875699691945984.0/10

All: 0.024+/-0.000 χ^2/NDF: 1060013591097 5

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:204629200913052 7
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:1947741480778667
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_usl_coil1_mean vs Slug, Sign Corrected

Left: -2129.611+/-0.000 χ^2/NDF: 18025044289596
Right In: 17988.185+/-0.000 χ^2/NDF: 24815111809984217103544001237552952508416.0/14
Right: 804.617+/-0.000 χ^2/NDF: 42286475662187
Left Out: 30828.996+/-0.000 χ^2/NDF:23225941804061934913195205321671126810624.0/10
In: -11639.062+/-0.000 χ^2/NDF:10011854186963
Right Out: -15915.227+/-0.000 χ^2/NDF: 19954189674705952707042287416087223992320.0/15
Out: 10276.328+/-0.000 χ^2/NDF:8597908531512
Left In: -32448.675+/-0.000 χ^2/NDF:6566176061380629796456552080625585094656.0/10
All: -879.953+/-0.000 χ^2/NDF: 22318740534

dit_usl_coil1_err_mean vs Slug, Sign Corrected

Left: -53.836+/-0.000 χ^2/NDF: 9618173038927167
Right In: 369.169+/-0.000 χ^2/NDF: 48053036789565485994195833341370957824.0/14
Right: -5.517+/-0.000 χ^2/NDF: 2760339889261500
Left Out: 683.818+/-0.000 χ^2/NDF:33889213327859325358647069977975193600.0/10
In: -277.915+/-0.000 χ^2/NDF:5506122743016459
Right Out: -370.091+/-0.000 χ^2/NDF: 48214462907052107543037037125316902912.0/15
Out: 220.432+/-0.000 χ^2/NDF:4972162872039721
Left In: -732.414+/-0.000 χ^2/NDF:39942105840529115736569596950263889920.0/10
All: -33.257+/-0.000 χ^2/NDF: 123961521761

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -68.704+/-0.000 χ^2/NDF: 2705916714398658

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1204.078+/-0.000 χ^2/NDF:3312337571426764622034743421814439936 0.0/10

In: -296.360+/-0.000 χ^2/NDF:204629200913052 7

Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 230.828+/-0.000 χ^2/NDF:190889009786300 1

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

All: -37.543+/-0.000 χ^2/NDF: 41698106749 6

dit_usr_coil1_mean vs Slug, Sign Corrected

Left: 932.640+/-0.000 χ^2/NDF: 1447675891071353

Right In: -18100.637+/-0.000 χ^2/NDF: 1463496754617358696763204076542869949644 8.0/14

Right: -425.015+/-0.000 χ^2/NDF: 4289286358261 3

Left Out: -26996.716+/-0.000 χ^2/NDF:1764633321621440442009639448668150956032 0.0/11

In: 9361.516+/-0.000 χ^2/NDF:852714786238125 5

Right Out: 16773.604+/-0.000 χ^2/NDF: 1423454793113581227747434288656836617830 4.0/15

Out: -8565.653+/-0.000 χ^2/NDF:7716555075884 9

Left In: 28650.410+/-0.000 χ^2/NDF:4838827535981080826725947474344765554688.0/10

All: 366.700+/-0.000 χ^2/NDF: 1878019062 56

dit_usr_coil1_err_mean vs Slug, Sign Corrected

Right In: 540.663+/-0.000 χ^2/NDF: 6454681969598677472167878508297584640 0.0/14

Left Out: 711.811+/-0.000 χ^2/NDF:4288675510353598988827843944304024023 04.0/11

Right Out: -477.546+/-0.000 χ^2/NDF: 3879830650429695446153711680976060416 0.0/15

Left In: -712.092+/-0.000 χ^2/NDF:3409204592050328493642785510146021785 6.0/10

Left: -2.848+/-0.000 χ^2/NDF: 10101220835843143

Right: 24.595+/-0.000 χ^2/NDF: 4443717563002768

In: -195.221+/-0.000 χ^2/NDF:6969405075379816

Out: 210.989+/-0.000 χ^2/NDF:6279009475776800

All: 8.592+/-0.000 χ^2/NDF: 1455071786509 6

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:204629200913052 7
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:194774148077866 7
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_atl1_coil1_mean vs Slug, Sign Corrected

Left: 2320.964+/-0.000 χ^2/NDF: 606291723973151

Right In: -10710.292+/-0.000 χ^2/NDF: 16945226152053511840482618402250170564608.0/14

Right: 225.546+/-0.000 χ^2/NDF: 184316555733630

Left Out: -13660.650+/-0.000 χ^2/NDF:1379968999585116089211263214590379551621 12.0/11

In: 6261.113+/-0.000 χ^2/NDF:3368158572328033

Right Out: 10866.264+/-0.000 χ^2/NDF: 1423476283885838248452590164413162664755 2.0/15

Out: -3332.713+/-0.000 χ^2/NDF:38451914020075

Left In: 18181.504+/-0.000 χ^2/NDF:16436171835726478688189142891628383436 80.0/10

All: 1447.486+/-0.000 χ^2/NDF: 7939778643

dit_atl1_coil1_err_mean vs Slug, Sign Corrected

Left: -14.311+/-0.000 χ^2/NDF: 9929833026488595
Right In: 687.939+/-0.000 χ^2/NDF: 40929714110430150981775339075902478745 6.0/14
Right: -214.338+/-0.000 χ^2/NDF: 33349422342847
Left Out: 699.529+/-0.000 χ^2/NDF:2828281313090390925608839626446444953 6.0/11
In: -140.714+/-0.000 χ^2/NDF:1201648470022181
Right Out: -1092.265+/-0.000 χ^2/NDF: 18831981429296058134562338129469484564 48.0/15
Out: -54.970+/-0.000 χ^2/NDF:3151179743524573
Left In: -722.743+/-0.000 χ^2/NDF:3369313711651394807786033041053528883 2.0/10
All: -97.692+/-0.000 χ^2/NDF: 435863069477

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:1947741480778667
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_atl2_coil1_mean vs Slug, Sign Corrected

Left: -1502.811+/-0.000 χ^2/NDF: 44184845267943

Right In: 29415.830+/-0.000 χ^2/NDF: 7176498963892808290677497975389480917401 6.0/14

Right: 1854.518+/-0.000 χ^2/NDF: 10900867071107

Left Out: 47346.512+/-0.000 χ^2/NDF:4516187384513847129988968550714226769920 0.0/11

In: -17223.492+/-0.000 χ^2/NDF:2488559220268 4

Right Out: -24963.010+/-0.000 χ^2/NDF: 4563157292012217197283596168549431561420 8.0/15

Out: 16897.995+/-0.000 χ^2/NDF:2109768599730 3

Left In: -49982.063+/-0.000 χ^2/NDF:1350582101930560384612112134471797021081 6.0/10

All: -103.303+/-0.000 χ^2/NDF: 5517221367 2

dit_atl2_coil1_err_mean vs Slug, Sign Corrected

Right In: 1629.542+/-0.000 χ^2/NDF: 5517385553550289021946978964371522191 36.0/14

Left Out: 3407.741+/-0.000 χ^2/NDF:1584870057929033939797166763050451075072.0/11

Right Out: -1510.293+/-0.000 χ^2/NDF: 6882319040468162113217745246197456568 32.0/15

Left In: -3623.095+/-0.000 χ^2/NDF:5377144503712695097191414112928409845 76.0/10

Left: -121.043+/-0.000 χ^2/NDF: 248736351703932

Right: 38.151+/-0.000 χ^2/NDF: 4482831303964084

In: -1455.923+/-0.000 χ^2/NDF:116076826116412

Out: 1336.827+/-0.000 χ^2/NDF:116125915857327

All: -54.683+/-0.000 χ^2/NDF: 293759152191

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:204629200913052 7
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:1947741480778667
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_atr1_coil1_mean vs Slug, Sign Corrected

Left: -872.866+/-0.000 χ^2/NDF: 147393231652070
Right In: 15540.787+/-0.000 χ^2/NDF: 2738363588652360183237779538350971446886 4.0/14
Right: 592.797+/-0.000 χ^2/NDF: 330452519024961
Left Out: 27349.847+/-0.000 χ^2/NDF:1488345691738606226777617231939371008000 0.0/11
In: -10553.583+/-0.000 χ^2/NDF:78345234476082
Right Out: -13951.799+/-0.000 χ^2/NDF: 1695407103573958466461281343074810095206 4.0/15
Out: 9958.308+/-0.000 χ^2/NDF:690517876492303
Left In: -28881.771+/-0.000 χ^2/NDF:3761764043421234560623243625754374701056.0/10
All: -261.903+/-0.000 χ^2/NDF: 18060333909

dit_atr1_coil1_err_mean vs Slug, Sign Corrected

Left: -26.782+/-0.000 χ^2/NDF: 1127883127865670
Right In: 605.034+/-0.000 χ^2/NDF: 1894015227916076144486001577233628528 64.0/14
Right: -81.538+/-0.000 χ^2/NDF: 181435748538570
Left Out: 742.547+/-0.000 χ^2/NDF:191330728406604744374850497810530304 00.0/11
In: -214.593+/-0.000 χ^2/NDF:958999774632181 4
Right Out: -749.582+/-0.000 χ^2/NDF: 102135876837749593569374877980434418 8928.0/15
Out: 114.233+/-0.000 χ^2/NDF:190020407285658 4
Left In: -790.283+/-0.000 χ^2/NDF:273759951630115601013491669494378004 48.0/10
All: -49.607+/-0.000 χ^2/NDF: 294454152400

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:1947741480778667
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_atr2_coil1_mean vs Slug, Sign Corrected

Left: 1251.318+/-0.000 χ^2/NDF: 273432195857747

Right In: -21743.360+/-0.000 χ^2/NDF: 411068588235795273251986756753987930685 44.0/14

Right: -446.610+/-0.000 χ^2/NDF: 64780902874572

Left Out: -37089.024+/-0.000 χ^2/NDF:37696615174692315635920208068597564571648.0/11

In: 14114.985+/-0.000 χ^2/NDF:147263048816292

Right Out: 20275.415+/-0.000 χ^2/NDF: 2593586913209292023168153241762732074598 4.0/15

Out: -12933.670+/-0.000 χ^2/NDF:1334281188451

Left In: 39301.203+/-0.000 χ^2/NDF:1089055719582848065585087315611645221273 6.0/10

All: 543.534+/-0.000 χ^2/NDF: 33843434379 2

dit_atr2_coil1_err_mean vs Slug, Sign Corrected

Left: -14.721+/-0.000 χ^2/NDF: 2096239357202295

Right In: 2046.354+/-0.000 χ^2/NDF: 266555515927348892036833058355226345472.0/14

Right: -203.146+/-0.000 χ^2/NDF: 11161426338405

Left Out: 3238.684+/-0.000 χ^2/NDF:120093539003484706140361062185464915558 4.0/11

In: -1060.961+/-0.000 χ^2/NDF:113570353346731

Right Out: -2391.939+/-0.000 χ^2/NDF: 441529496478977881525935754457949981 9008.0/15

Out: 867.708+/-0.000 χ^2/NDF:178582435378590 7

Left In: -3243.479+/-0.000 χ^2/NDF:422752345809564414875941115453230809088.0/10

All: -93.266+/-0.000 χ^2/NDF: 321510662885

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:204629200913052 7
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:1947741480778667
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_sam1_coil1_mean vs Slug, Sign Corrected

Left: -337.897+/-0.000 χ^2/NDF: 747947323743594

Right In: 2881.935+/-0.000 χ^2/NDF: 13203193914965255336920823658788348231 68.0/14

Right: 74.629+/-0.000 χ^2/NDF: 1248948533864623

Left Out: 5900.145+/-0.000 χ^2/NDF:2757689906494435175416115853599080185856.0/11

In: -2645.979+/-0.000 χ^2/NDF:360226231142325

Right Out: -2656.918+/-0.000 χ^2/NDF: 1077696846216053561130716877125509447680.0/15

Out: 2296.887+/-0.000 χ^2/NDF:321095308179626

Left In: -6528.681+/-0.000 χ^2/NDF:9406198322905476612046415286949243781 12.0/10

All: -165.935+/-0.000 χ^2/NDF: 87414816042

dit_sam1_coil1_err_mean vs Slug, Sign Corrected

Left: -8.429+/-0.000 χ^2/NDF: 30748748835801659

Right In: 138.577+/-0.000 χ^2/NDF: 4242369889979811373883774021335515136.0/14

Right: -0.492+/-0.000 χ^2/NDF: 3296375379571767

Left Out: 118.892+/-0.000 χ^2/NDF:4413313406022383777987486660878668368.0/11

In: -21.999+/-0.000 χ^2/NDF:3342043565586624

Right Out: -135.809+/-0.000 χ^2/NDF: 3956401741862524263243160868173643776.0/15

Out: 11.641+/-0.000 χ^2/NDF:2944724403626758

Left In: -134.785+/-0.000 χ^2/NDF:6898086026323155390298606853926420 48.0/10

All: -5.121+/-0.000 χ^2/NDF: 6376084521741

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:204629200913052 7
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:1947741480778667
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_sam2_coil1_mean vs Slug, Sign Corrected

Left: -2276.957+/-0.000 χ^2/NDF: 16550956478626

Right In: 69827.797+/-0.000 χ^2/NDF: 187803282116493131197684060541288926150656.0/14

Right: 1210.454+/-0.000 χ^2/NDF: 64287668357099

Left Out: 91909.028+/-0.000 χ^2/NDF:240792875976910962309751824422513810604032.0/11

In: -27434.339+/-0.000 χ^2/NDF:10741931116501

Right Out: -65555.147+/-0.000 χ^2/NDF: 212001467811386750910625783195999741673472.0/15

Out: 25603.090+/-0.000 χ^2/NDF:10027016853732

Left In: -95749.411+/-0.000 χ^2/NDF:102376761881530271427340284738693826084864.0/10

All: -823.225+/-0.000 χ^2/NDF: 22989056744

dit_sam2_coil1_err_mean vs Slug, Sign Corrected

Left: -11.011+/-0.000 χ^2/NDF: 3508881544765835
Right In: 1330.956+/-0.000 χ^2/NDF: 6494812638426816594494091470595728343 04.0/14
Right: 20.358+/-0.000 χ^2/NDF: 3481069250883615
Left Out: 1328.309+/-0.000 χ^2/NDF:1173462879673869583038597951016235171 84.0/11
In: -238.106+/-0.000 χ^2/NDF:3483766445044589
Right Out: -1254.871+/-0.000 χ^2/NDF: 6321400689833040628098177168008617656 32.0/15
Out: 240.569+/-0.000 χ^2/NDF:3326101384624055
Left In: -1340.185+/-0.000 χ^2/NDF:1142049111682012770238307673664777093 12.0/10
All: 2.065+/-0.000 χ^2/NDF: 6990705969475 3

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:1947741480778667
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_sam3_coil1_mean vs Slug, Sign Corrected

Left: -649.170+/-0.000 χ^2/NDF: 504816282334630

Right In: 34919.716+/-0.000 χ^2/NDF: 1063873854407186221551225418487299970170 88.0/14

Right: 1872.760+/-0.000 χ^2/NDF: 15931536557711

Left Out: 51078.913+/-0.000 χ^2/NDF:921715661836320083674903995531020268994 56.0/11

In: -16129.428+/-0.000 χ^2/NDF:30528033173327

Right Out: -30282.373+/-0.000 χ^2/NDF: 883461652665931266275989516935060730675 20.0/15

Out: 16818.826+/-0.000 χ^2/NDF:27366045807706

Left In: -51985.374+/-0.000 χ^2/NDF:671725875795188633795041321162946767749 12.0/10

All: 402.100+/-0.000 χ^2/NDF: 664619739497

dit_sam3_coil1_err_mean vs Slug, Sign Corrected

Right In: 663.574+/-0.000 χ^2/NDF: 157691812872720822886914966597312446464.0/14

Left Out: 852.828+/-0.000 χ^2/NDF:115391521173207267272974066416613326848.0/11

Right Out: -601.216+/-0.000 χ^2/NDF: 149717884331889332339995334350831878144.0/15

Left In: -817.657+/-0.000 χ^2/NDF:904295487237156633268052990768111943 68.0/10

Left: 14.410+/-0.000 χ^2/NDF: 1490138591504009

Right: 22.529+/-0.000 χ^2/NDF: 8336101395091641

In: -206.520+/-0.000 χ^2/NDF:1084558135298016

Out: 240.550+/-0.000 χ^2/NDF:1081494290409820

All: 17.794+/-0.000 χ^2/NDF: 2323799322021

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:204629200913052 7
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:194774148077866 7
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_sam4_coil1_mean vs Slug, Sign Corrected

Left: -2056.751+/-0.000 χ^2/NDF: 14814793512986

Right In: 53422.452+/-0.000 χ^2/NDF: 36063575731513380013375112316777734655180 8.0/14

Right: 3412.622+/-0.000 χ^2/NDF: 38491691465863

Left Out: 87135.960+/-0.000 χ^2/NDF:18939174134429072141323309877501894433177 6.0/11

In: -31162.736+/-0.000 χ^2/NDF:83559951874998

Right Out: -45247.617+/-0.000 χ^2/NDF: 28606019648803443021578461337405554792857 6.0/15

Out: 31391.108+/-0.000 χ^2/NDF:72426395712249

Left In: -90573.760+/-0.000 χ^2/NDF:90574081394354221593949262312406685581312.0/10

All: 223.165+/-0.000 χ^2/NDF: 18686919399 5

dit_sam4_coil1_err_mean vs Slug, Sign Corrected

Left: 23.512+/-0.000 χ^2/NDF: 4561811630701110
Right In: 949.197+/-0.000 χ^2/NDF: 2256910321831537327333080940676581949 44.0/14
Right: 37.382+/-0.000 χ^2/NDF: 1494917928354426
Left Out: 1470.170+/-0.000 χ^2/NDF:4055903751566501722805072119613337108 48.0/11
In: -437.909+/-0.000 χ^2/NDF:2684013086565036
Right Out: -849.827+/-0.000 χ^2/NDF: 2046222242615772477022273127451973386 24.0/15
Out: 493.252+/-0.000 χ^2/NDF:2688543806154343
Left In: -1412.186+/-0.000 χ^2/NDF:3325293909348971181578759726617560350 72.0/10
All: 29.294+/-0.000 χ^2/NDF: 605687718608

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:204629200913052 7
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:1947741480778667
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_sam5_coil1_mean vs Slug, Sign Corrected

Left: -7.258+/-0.000 χ^2/NDF: 23890758468151762
Right In: 254.578+/-0.000 χ^2/NDF: 97840211353100664074156922396724953088 0.0/14
Right: -53.015+/-0.000 χ^2/NDF: 220036732540735
Left Out: -2946.326+/-0.000 χ^2/NDF:37311273139536282275859488651053577011 20.0/11
In: 1814.139+/-0.000 χ^2/NDF:8042963130029704
Right Out: -352.308+/-0.000 χ^2/NDF: 1100813647101508513447529068154010468352.0/15
Out: -1854.022+/-0.000 χ^2/NDF:74302215245533
Left In: 2909.545+/-0.000 χ^2/NDF:4377323512278558404902073126276443406336.0/10
All: -26.332+/-0.000 χ^2/NDF: 260927325802

dit_sam5_coil1_err_mean vs Slug, Sign Corrected

Left: -8.192+/-0.000 χ^2/NDF: 1795657474392997
Right In: 196.955+/-0.000 χ^2/NDF: 4485245160329657914621372425838788608.0/14
Right: 11.081+/-0.000 χ^2/NDF: 5261792058222240
Left Out: 299.172+/-0.000 χ^2/NDF:3880381264543200500455029030889979904.0/11
In: -102.733+/-0.000 χ^2/NDF:1067935716569052
Right Out: -169.778+/-0.000 χ^2/NDF: 3892609445494845784493558646385410048.0/15
Out: 101.703+/-0.000 χ^2/NDF:926895742090380
Left In: -313.228+/-0.000 χ^2/NDF:3079061701843560714774529768142405632.0/10
All: -0.158+/-0.000 χ^2/NDF: 2324687207853

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:204629200913052 7
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:1947741480778667
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_sam6_coil1_mean vs Slug, Sign Corrected

Left: 1427.056+/-0.000 χ^2/NDF: 195327438933418

Right In: -12479.653+/-0.000 χ^2/NDF: 411786332312538053173533339734752719011 84.0/14

Right: -965.413+/-0.000 χ^2/NDF: 24217037814564

Left Out: -30994.631+/-0.000 χ^2/NDF:213608024055407757940489436479737099714 56.0/11

In: 14589.951+/-0.000 χ^2/NDF:862146721459062

Right Out: 10238.098+/-0.000 χ^2/NDF: 312278611261595340319615019232237180682 24.0/15

Out: -13632.112+/-0.000 χ^2/NDF:7090726770294

Left In: 33603.125+/-0.000 χ^2/NDF:113778777412803779880766320697469430661 12.0/10

All: 429.752+/-0.000 χ^2/NDF: 21998374299

dit_sam6_coil1_err_mean vs Slug, Sign Corrected

Left: -20.099+/-0.000 χ^2/NDF: 5307663068333209

Right In: 245.832+/-0.000 χ^2/NDF: 7828269009300013139414476154059358208.0/14

Right: 14.878+/-0.000 χ^2/NDF: 7925780675793006

Left Out: 500.722+/-0.000 χ^2/NDF:1436664785403098680108925235491137126 4.0/11

In: -213.998+/-0.000 χ^2/NDF:2622447157397891

Right Out: -209.844+/-0.000 χ^2/NDF: 3128489258838765241921217786024034304.0/15

Out: 201.513+/-0.000 χ^2/NDF:212456336583566

Left In: -536.975+/-0.000 χ^2/NDF:2080302248640081095695836771955559628 8.0/10

All: -5.519+/-0.000 χ^2/NDF: 6109629963299

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:204629200913052 7
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:1947741480778667
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_sam7_coil1_mean vs Slug, Sign Corrected

Left: -462.133+/-0.000 χ^2/NDF: 779937856524154

Right In: 11542.759+/-0.000 χ^2/NDF: 1423354312323856635722676621901468742451 2.0/14

Right: 451.741+/-0.000 χ^2/NDF: 183007796935000

Left Out: 19875.162+/-0.000 χ^2/NDF:158021966434494621984834009563574556426 24.0/11

In: -7364.946+/-0.000 χ^2/NDF:41767350544533 0

Right Out: -10339.969+/-0.000 χ^2/NDF: 112608338634067516459234200629824182026 24.0/15

Out: 7151.998+/-0.000 χ^2/NDF:37958723807414 0

Left In: -20645.358+/-0.000 χ^2/NDF:845632737688278280488889901055883398348 8.0/10

All: -81.183+/-0.000 χ^2/NDF: 963586580274

dit_sam7_coil1_err_mean vs Slug, Sign Corrected

Left: 1.677+/-0.000 χ^2/NDF: 153367267595922872

Right In: 198.850+/-0.000 χ^2/NDF: 183339951095034380370759169444402954 24.0/14

Right: 4.640+/-0.000 χ^2/NDF: 8155814157634257 0

Left Out: 276.729+/-0.000 χ^2/NDF:80315779700803716185964276886924165 12.0/11

In: -77.317+/-0.000 χ^2/NDF:109711030334921 92

Right Out: -184.328+/-0.000 χ^2/NDF: 149274349313955886010249615383724032 00.0/15

Out: 82.584+/-0.000 χ^2/NDF:105041531978612 64

Left In: -271.291+/-0.000 χ^2/NDF:711244598103052014506681410397405184 0.0/10

All: 2.912+/-0.000 χ^2/NDF: 2349321475908 2

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:204629200913052 7
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:1947741480778667
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_sam8_coil1_mean vs Slug, Sign Corrected

Left: -605.094+/-0.000 χ^2/NDF: 449603565245428

Right In: 8567.784+/-0.000 χ^2/NDF: 1110604887897250136642905567964570845184 0.0/14

Right: 642.005+/-0.000 χ^2/NDF: 101620430321781

Left Out: 14894.671+/-0.000 χ^2/NDF:819699425116216254878261751319506609766 4.0/11

In: -5856.261+/-0.000 χ^2/NDF:2434429122996 38

Right Out: -7069.884+/-0.000 χ^2/NDF: 1007686236350265211137821053966438786662 4.0/15

Out: 5645.707+/-0.000 χ^2/NDF:204561838277248

Left In: -15987.436+/-0.000 χ^2/NDF:2470393428254815728629083332629999124480.0/10

All: -85.239+/-0.000 χ^2/NDF: 552417535808

dit_sam8_coil1_err_mean vs Slug, Sign Corrected

Left: 1.125+/-0.000 χ^2/NDF: 105718940355334033

Right In: 130.021+/-0.000 χ^2/NDF: 3115259987552341725946418665378283520.0/14

Right: -0.100+/-0.000 χ^2/NDF: 3019268215396835

Left Out: 223.724+/-0.000 χ^2/NDF:7769866101258790132911352573971136512.0/11

In: -75.461+/-0.000 χ^2/NDF:5718321474532916

Right Out: -126.709+/-0.000 χ^2/NDF: 5397122581297664561308621600668516352.0/15

Out: 76.161+/-0.000 χ^2/NDF:605855057838311

Left In: -219.787+/-0.000 χ^2/NDF:7418609629454172879787970620999860224.0/10

All: 0.615+/-0.000 χ^2/NDF: 1359127742015

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:204629200913052 7
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:1947741480778667
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_4aX_coil3_mean vs Slug, Sign Corrected

Left: 2.998+/-0.000 χ^2/NDF: 14425094702229248
Right In: -36.540+/-0.000 χ^2/NDF: 2543518678614446092026376338643353 60.0/14
Right: -2.265+/-0.000 χ^2/NDF: 1939933040270060
Left Out: -85.291+/-0.000 χ^2/NDF:1503351865756920475253980731728199 68.0/11
In: 38.154+/-0.000 χ^2/NDF:64516085545673936
Right Out: 31.085+/-0.000 χ^2/NDF: 1812910791193816361784084988763832 32.0/15
Out: -36.286+/-0.000 χ^2/NDF:5561186086442477
Left In: 90.618+/-0.000 χ^2/NDF:3308983308362640811729795549862297 6.0/10
All: 0.804+/-0.000 χ^2/NDF: 1638628465778

dit_4aX_coil3_err_mean vs Slug, Sign Corrected

Left: -0.074+/-0.000 χ^2/NDF: 95157868092159667

Right In: 2.867+/-0.000 χ^2/NDF: 3455499087584693564208174061322240.0/14

Right: -0.016+/-0.000 χ^2/NDF: 1715222089110172

Left Out: 2.185+/-0.000 χ^2/NDF:7550126663773006003816821161984.0/11

In: -0.178+/-0.000 χ^2/NDF:138149448631133165

Right Out: -2.821+/-0.000 χ^2/NDF: 3052948718107902490497172912472064.0/15

Out: 0.077+/-0.000 χ^2/NDF:12804509079609747

Left In: -2.317+/-0.000 χ^2/NDF:1143725647250798890990132852162 56.0/10

All: -0.050+/-0.000 χ^2/NDF: 2667065323258

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1175.478+/-0.000 χ^2/NDF:39966991584790626200337106489810354176.0/11

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Left In: -1277.097+/-0.000 χ^2/NDF:29578729901602647998073818936097374208.0/10

Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_4eX_coil3_mean vs Slug, Sign Corrected

Left: 3.176+/-0.000 χ^2/NDF: 158111837219189498

Right In: -43.289+/-0.000 χ^2/NDF: 199342736778845281087197523996573696.0/14

Right: -2.174+/-0.000 χ^2/NDF: 2512687101518028

Left Out: -89.146+/-0.000 χ^2/NDF:189364483855471766611288200184856576.0/11

In: 37.826+/-0.000 χ^2/NDF:751790372998047563

Right Out: 37.832+/-0.000 χ^2/NDF: 148683933977204936634636843897323520.0/15

Out: -35.677+/-0.000 χ^2/NDF:6563927039215261

Left In: 94.799+/-0.000 χ^2/NDF:490770500326110069821569680749363 20.0/10

All: 0.946+/-0.000 χ^2/NDF: 18345835995251

dit_4eX_coil3_err_mean vs Slug, Sign Corrected

Left: -0.077+/-0.000 χ^2/NDF: 9477343719544099
Right In: 2.832+/-0.000 χ^2/NDF: 39576725319290173285125643231559 68.0/14
Right: -0.015+/-0.000 χ^2/NDF: 1792170452533502
Left Out: 2.185+/-0.000 χ^2/NDF:60382547029004782914122064855040.0/11
In: -0.195+/-0.000 χ^2/NDF:14153850134085161
Right Out: -2.784+/-0.000 χ^2/NDF: 35895449561081168980912368978493 44.0/15
Out: 0.092+/-0.000 χ^2/NDF:13183048261414672
Left In: -2.321+/-0.000 χ^2/NDF:74619123224616324544404505231360.0/10
All: -0.051+/-0.000 χ^2/NDF: 2740200778569

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1175.478+/-0.000 χ^2/NDF:39966991584790626200337106489810354176.0/11

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Left In: -1277.097+/-0.000 χ^2/NDF:29578729901602647998073818936097374208.0/10

Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_11X12X_coil3_mean vs Slug, Sign Corrected

Left: 2.753+/-0.000 χ^2/NDF: 12044603394135018
Right In: -72.949+/-0.000 χ^2/NDF: 657554284648579803068791262910873 60.0/14
Right: -1.347+/-0.000 χ^2/NDF: 6737392391922205
Left Out: -78.060+/-0.000 χ^2/NDF:9207698978356102499121555953056768.0/11
In: 18.630+/-0.000 χ^2/NDF:935227547229560147
Right Out: 68.324+/-0.000 χ^2/NDF: 1066943448982023644833671313725 84960.0/15
Out: -16.420+/-0.000 χ^2/NDF:8473003169479840
Left In: 82.954+/-0.000 χ^2/NDF:2041915777487729784920530317056 4096.0/10
All: 1.044+/-0.000 χ^2/NDF: 1879489260663

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected

Left: 0.021+/-0.000 χ^2/NDF: 150019898888711365

Right In: 3.793+/-0.000 χ^2/NDF: 32053892427261296197962908104130 56.0/14

Right: -0.047+/-0.000 χ^2/NDF: 2496367810067656

Left Out: 2.821+/-0.000 χ^2/NDF:49308255558078562727579767904665 6.0/11

In: -0.054+/-0.000 χ^2/NDF:197504965685105857

Right Out: -3.783+/-0.000 χ^2/NDF: 287858662219267665445233875537 1008.0/15

Out: 0.040+/-0.000 χ^2/NDF:202117333413453481

Left In: -2.757+/-0.000 χ^2/NDF:191720746547732306226054042746880.0/10

All: -0.007+/-0.000 χ^2/NDF: 3996925901016

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1175.478+/-0.000 χ^2/NDF:399669915847906262003371064898103541 76.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_4aY_coil3_mean vs Slug, Sign Corrected

Left: -0.018+/-0.000 χ^2/NDF: 31826775852587250

Right In: 4.025+/-0.000 χ^2/NDF: 769001650442321928129473832550400.0/14

Right: 0.050+/-0.000 χ^2/NDF: 2189275488787973 9

Left Out: 4.098+/-0.000 χ^2/NDF:556317927026663328650590815256576.0/11

In: -0.749+/-0.000 χ^2/NDF:26275294393356203 3

Right Out: -3.819+/-0.000 χ^2/NDF: 88823224022643432911485917147955 2.0/15

Out: 0.764+/-0.000 χ^2/NDF:2564107672551213 40

Left In: -4.102+/-0.000 χ^2/NDF:32997834360617370901906646577971 2.0/10

All: 0.010+/-0.000 χ^2/NDF: 5372299402836 1

dit_4aY_coil3_err_mean vs Slug, Sign Corrected

Left: 0.004+/-0.000 χ^2/NDF: 27550361217640137
Right Right In: 0.839+/-0.000 χ^2/NDF: 2584160253346156615211630838415 36.0/14
Right: -0.014+/-0.000 χ^2/NDF: 1442205906502244
Left Out: 0.385+/-0.000 χ^2/NDF:7658632015844553503510259302400.0/11
In: 0.126+/-0.000 χ^2/NDF:8214812118150652652
Right Out: -0.844+/-0.000 χ^2/NDF: 2529175093934327602406489189253 12.0/15
Out: -0.132+/-0.000 χ^2/NDF:8437772031365799 9
Left In: -0.374+/-0.000 χ^2/NDF:2408191855928929204652403064832.0/10
All: -0.003+/-0.000 χ^2/NDF: 1717963471846

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1175.478+/-0.000 χ^2/NDF:399669915847906262003371064898103541 76.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_4eY_coil3_mean vs Slug, Sign Corrected

Left: -0.223+/-0.000 χ^2/NDF: 33815816136845994

Right In: 4.275+/-0.000 χ^2/NDF: 597188707898198851792415435522048.0/14

Right: 0.061+/-0.000 χ^2/NDF: 2410811716301541 6

Left Out: 4.017+/-0.000 χ^2/NDF:618248057516763535647221148024832.0/11

In: -0.839+/-0.000 χ^2/NDF:298405306819524431

Right Out: -4.039+/-0.000 χ^2/NDF: 772368848194464324973108765130752.0/15

Out: 0.625+/-0.000 χ^2/NDF:2645376445108652 21

Left In: -4.432+/-0.000 χ^2/NDF:3456027031912457705542103638999 04.0/10

All: -0.105+/-0.000 χ^2/NDF: 5798588816900

dit_4eY_coil3_err_mean vs Slug, Sign Corrected

Left: -0.001+/-0.000 χ^2/NDF: 27885771239610807

Right In: 0.793+/-0.000 χ^2/NDF: 195508777173589483440314700005376.0/14

Right: -0.003+/-0.000 χ^2/NDF: 1193841006449656

Left Out: 0.384+/-0.000 χ^2/NDF:5453192114665634094551262035968.0/11

In: 0.102+/-0.000 χ^2/NDF:7258405978340592610

Right Out: -0.778+/-0.000 χ^2/NDF: 185814635772183306063903690063872.0/15

Out: -0.106+/-0.000 χ^2/NDF:71279654868579041

Left In: -0.383+/-0.000 χ^2/NDF:2618375268437967875049691021312.0/10

All: -0.002+/-0.000 χ^2/NDF: 1472702124552

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1175.478+/-0.000 χ^2/NDF:399669915847906262003371064898103541 76.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_usl_coil3_mean vs Slug, Sign Corrected

Left: -454.300+/-0.000 χ^2/NDF: 738136150924578

Right In: 3155.434+/-0.000 χ^2/NDF: 9035505347736229021109182140336129966 08.0/14

Right: 140.919+/-0.000 χ^2/NDF: 132143468168130

Left Out: 6221.938+/-0.000 χ^2/NDF:849977473152285312907595623686819807232.0/10

In: -2572.599+/-0.000 χ^2/NDF:373790912122959

Right Out: -2792.245+/-0.000 χ^2/NDF: 6746357493241730019732644275309867171 84.0/15

Out: 2258.550+/-0.000 χ^2/NDF:318923154696121

Left In: -6595.861+/-0.000 χ^2/NDF:2251648057154003686710438267458640936 96.0/10

All: -200.802+/-0.000 χ^2/NDF: 8729563468 3

dit_usl_coil3_err_mean vs Slug, Sign Corrected

Left: -12.027+/-0.000 χ^2/NDF: 6520096149160952

Right In: 213.739+/-0.000 χ^2/NDF: 19718138109054002114361149860507287552.0/14

Right: -13.554+/-0.000 χ^2/NDF: 109883652295878

Left Out: 185.291+/-0.000 χ^2/NDF:106372867400635059066183874614866739 2.0/10

In: -25.504+/-0.000 χ^2/NDF:83555095892474159

Right Out: -234.712+/-0.000 χ^2/NDF: 240131341071672148951890504810674257 92.0/15

Out: 0.623+/-0.000 χ^2/NDF:91004165468701327 7

Left In: -193.543+/-0.000 χ^2/NDF:5989311506442933326802170578814894 08.0/10

All: -12.677+/-0.000 χ^2/NDF: 175086374280

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -98.623+/-0.000 χ^2/NDF: 2747203039686591

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1182.447+/-0.000 χ^2/NDF:39401916671919600348661592701888626688.0/10

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 219.385+/-0.000 χ^2/NDF:1901508516691993

Left In: -1277.097+/-0.000 χ^2/NDF:29578729901602647998073818936097374208.0/10

All: -42.286+/-0.000 χ^2/NDF: 432950679043

dit_usr_coil3_mean vs Slug, Sign Corrected

Left: 180.286+/-0.000 χ^2/NDF: 5623960543067202

Right In: -3034.527+/-0.000 χ^2/NDF: 630694553353463868547335175090919702528.0/14

Right: -112.316+/-0.000 χ^2/NDF: 12093460154256

Left Out: -5328.796+/-0.000 χ^2/NDF:624360364489310892896763337628232712192.0/11

In: 2065.482+/-0.000 χ^2/NDF:295320427138250

Right Out: 2731.035+/-0.000 χ^2/NDF: 528290847703567991555694629239211950080.0/15

Out: -1934.916+/-0.000 χ^2/NDF:26236367057963

Left In: 5647.632+/-0.000 χ^2/NDF:164214312908035645215126356935491715072.0/10

All: 58.314+/-0.000 χ^2/NDF: 6839876914332

dit_usr_coil3_err_mean vs Slug, Sign Corrected

Left: -2.730+/-0.000 χ^2/NDF: 56821332541479007

Right In: 273.039+/-0.000 χ^2/NDF: 2648593505334117509291379521218412544 0.0/14

Right: -4.751+/-0.000 χ^2/NDF: 1475618476041152

Left Out: 170.956+/-0.000 χ^2/NDF:1172503860973970615331214508834160640.0/11

In: 9.796+/-0.000 χ^2/NDF:103580260160227709

Right Out: -275.044+/-0.000 χ^2/NDF: 2226476008875290179256189299165705011 2.0/15

Out: -16.848+/-0.000 χ^2/NDF:1002457648325207

Left In: -175.100+/-0.000 χ^2/NDF:5323199057603165228144709090966241 28.0/10

All: -3.572+/-0.000 χ^2/NDF: 2043863140361

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1175.478+/-0.000 χ^2/NDF:39966991584790626200337106489810354176.0/11

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Left In: -1277.097+/-0.000 χ^2/NDF:29578729901602647998073818936097374208.0/10

Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_atl1_coil3_mean vs Slug, Sign Corrected

Left: 436.518+/-0.000 χ^2/NDF: 2129229946412922
Right In: -1564.595+/-0.000 χ^2/NDF: 48387480097857104257897575702903914496 0.0/14
Right: 28.285+/-0.000 χ^2/NDF: 4101258280925694
Left Out: -2504.960+/-0.000 χ^2/NDF:542249769761323021228329795240040228454 4.0/11
In: 1325.655+/-0.000 χ^2/NDF:977485555576157 5
Right Out: 1578.178+/-0.000 χ^2/NDF: 368450572556217564071963203581098590208.0/15
Out: -785.608+/-0.000 χ^2/NDF:122286097015398
Left In: 3355.712+/-0.000 χ^2/NDF:6160312843004433398099012587709320396 8.0/10
All: 266.345+/-0.000 χ^2/NDF: 25521452375 3

dit_atl1_coil3_err_mean vs Slug, Sign Corrected

Left: -1.543+/-0.000 χ^2/NDF: 42508644529911426
Right In: 358.080+/-0.000 χ^2/NDF: 1579227891456978581656444520902028165 12.0/14
Right: -276.471+/-0.000 χ^2/NDF: 27494361834519
Left Out: 147.874+/-0.000 χ^2/NDF:1073020519575473807448825753294077952.0/11
In: 59.728+/-0.000 χ^2/NDF:25691507799210532
Right Out: -893.897+/-0.000 χ^2/NDF: 2075920155774201043572695656797803905024.0/15
Out: -290.801+/-0.000 χ^2/NDF:249606092655030
Left In: -149.829+/-0.000 χ^2/NDF:6457567181728928043846046350049280 00.0/10
All: -116.147+/-0.000 χ^2/NDF: 28499505144

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1175.478+/-0.000 χ^2/NDF:399669915847906262003371064898103541 76.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_atl2_coil3_mean vs Slug, Sign Corrected

Right In: 5295.485+/-0.000 χ^2/NDF: 250564523296826327544404801609318321356 8.0/14

Left Out: 9883.978+/-0.000 χ^2/NDF:190242889100524840855333644976504019353 6.0/11

Right Out: -4575.270+/-0.000 χ^2/NDF: 186332209477040373909610080007271691059 2.0/15

Left In: -10594.095+/-0.000 χ^2/NDF:469955671378487676963254464485150162944.0/10

Left: -393.990+/-0.000 χ^2/NDF: 195376095713873

Right: 292.602+/-0.000 χ^2/NDF: 364180360676330

In: -4038.254+/-0.000 χ^2/NDF:992282671575764

Out: 3795.393+/-0.000 χ^2/NDF:844950893616626

All: -107.783+/-0.000 χ^2/NDF: 23215590234

dit_atl2_coil3_err_mean vs Slug, Sign Corrected

Left: -20.470+/-0.000 χ^2/NDF: 1063996578023286
Right In: 862.683+/-0.000 χ^2/NDF: 3376840008638193150264591065257596682 24.0/14
Right: -8.442+/-0.000 χ^2/NDF: 1636587396882894
Left Out: 711.884+/-0.000 χ^2/NDF:6439250840462099200876193941770836377 6.0/11
In: -83.027+/-0.000 χ^2/NDF:13454995318402178
Right Out: -856.059+/-0.000 χ^2/NDF: 3271952165464447671487162246882886942 72.0/15
Out: 51.646+/-0.000 χ^2/NDF:1340881297978957
Left In: -747.275+/-0.000 χ^2/NDF:1967884739572773009831064224203066572 8.0/10
All: -15.456+/-0.000 χ^2/NDF: 270069498605

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1175.478+/-0.000 χ^2/NDF:399669915847906262003371064898103541 76.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_atr1_coil3_mean vs Slug, Sign Corrected

Left: -171.867+/-0.000 χ^2/NDF: 528584918869395
Right In: 2201.844+/-0.000 χ^2/NDF: 1086544775216266395419904724422998622208.0/14
Right: 58.517+/-0.000 χ^2/NDF: 767753071120733
Left Out: 5175.489+/-0.000 χ^2/NDF:4911630823988612447776806044453222248192.0/11
In: -2309.812+/-0.000 χ^2/NDF:236998936360445
Right Out: -2026.969+/-0.000 χ^2/NDF: 7086264566034107051245182999566451998 72.0/15
Out: 2142.635+/-0.000 χ^2/NDF:212307336274695
Left In: -5478.713+/-0.000 χ^2/NDF:1241860547714240118738493468025836011 52.0/10
All: -75.831+/-0.000 χ^2/NDF: 605767549584

dit_atr1_coil3_err_mean vs Slug, Sign Corrected

Left: -4.129+/-0.000 χ^2/NDF: 60681754653319006

Right In: 329.229+/-0.000 χ^2/NDF: 10328502909192274203383790343713246412 8.0/14

Right: -41.736+/-0.000 χ^2/NDF: 557135346601365

Left Out: 176.521+/-0.000 χ^2/NDF:60395402064954280965784512077863321 6.0/11

In: 28.098+/-0.000 χ^2/NDF:20392521865557340

Right Out: -402.690+/-0.000 χ^2/NDF: 277636056793293374242116053515003494400.0/15

Out: -67.377+/-0.000 χ^2/NDF:4077830022508483

Left In: -183.411+/-0.000 χ^2/NDF:45278981401827575163787553565730406 4.0/10

All: -19.806+/-0.000 χ^2/NDF: 618902446479

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1175.478+/-0.000 χ^2/NDF:39966991584790626200337106489810354176.0/11

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Left In: -1277.097+/-0.000 χ^2/NDF:29578729901602647998073818936097374208.0/10

Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_atr2_coil3_mean vs Slug, Sign Corrected

Left: 203.020+/-0.000 χ^2/NDF: 9358372073550295

Right In: -3183.928+/-0.000 χ^2/NDF: 2134923281384422537296044119642733543424.0/14

Right: -128.944+/-0.000 χ^2/NDF: 15032681342441

Left Out: -6893.642+/-0.000 χ^2/NDF:116679699255139559190048971936861729587 2.0/11

In: 2942.696+/-0.000 χ^2/NDF:440076230139336 6

Right Out: 2843.597+/-0.000 χ^2/NDF: 9470776115637232447055310919440153968 64.0/15

Out: -2793.428+/-0.000 χ^2/NDF:3872487637936 7

Left In: 7245.920+/-0.000 χ^2/NDF:4017604627839690987720109250073151406 08.0/10

All: 64.640+/-0.000 χ^2/NDF: 1087009722996

dit_atr2_coil3_err_mean vs Slug, Sign Corrected

Left: -3.131+/-0.000 χ^2/NDF: 83891546678998356

Right In: 1003.407+/-0.000 χ^2/NDF: 219815257294811198811064619822196195328.0/14

Right: -285.472+/-0.000 χ^2/NDF: 59617429830759

Left Out: 649.450+/-0.000 χ^2/NDF:460645701363968551689380234551298621 44.0/11

In: 31.723+/-0.000 χ^2/NDF:12777531753239734 2

Right Out: -1539.568+/-0.000 χ^2/NDF: 36147747852974822931453545741254372884 48.0/15

Out: -272.314+/-0.000 χ^2/NDF:551112500200463

Left In: -650.769+/-0.000 χ^2/NDF:147764657748587998469225358583943659 52.0/10

All: -120.825+/-0.000 χ^2/NDF: 68618344036

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1175.478+/-0.000 χ^2/NDF:399669915847906262003371064898103541 76.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_sam1_coil3_mean vs Slug, Sign Corrected

Left: -63.881+/-0.000 χ^2/NDF: 2168067590468857

Right In: 169.489+/-0.000 χ^2/NDF: 954358945852108910324266135674903592 96.0/14

Right: 27.687+/-0.000 χ^2/NDF: 192954558913151 3

Left Out: 990.430+/-0.000 χ^2/NDF:1030909105316597543128825016539917844 48.0/11

In: -582.219+/-0.000 χ^2/NDF:753823645580336 4

Right Out: -110.289+/-0.000 χ^2/NDF: 717707841020529385235927165084798812 16.0/15

Out: 526.933+/-0.000 χ^2/NDF:642696313962280 1

Left In: -1110.204+/-0.000 χ^2/NDF:3407867167520710175869557534326416998 4.0/10

All: -25.711+/-0.000 χ^2/NDF: 236745671746

dit_sam1_coil3_err_mean vs Slug, Sign Corrected

Left: -1.299+/-0.000 χ^2/NDF: 20652209882891489

Right In: 74.129+/-0.000 χ^2/NDF: 216837571740120732262065825808121856 0.0/14

Right: -3.297+/-0.000 χ^2/NDF: 1218774471717801

Left Out: 31.811+/-0.000 χ^2/NDF:497145027080743558045135334465863 68.0/11

In: 10.520+/-0.000 χ^2/NDF:66512492434564945 7

Right Out: -78.633+/-0.000 χ^2/NDF: 234323033687983063876767890353946624 0.0/15

Out: -14.695+/-0.000 χ^2/NDF:7102993372165986

Left In: -34.158+/-0.000 χ^2/NDF:125357817570968280380642442902241 28.0/10

All: -2.132+/-0.000 χ^2/NDF: 1425602893344

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1175.478+/-0.000 χ^2/NDF:399669915847906262003371064898103541 76.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_sam2_coil3_mean vs Slug, Sign Corrected

Left: -374.341+/-0.000 χ^2/NDF: 585622568661920

Right In: 9876.530+/-0.000 χ^2/NDF: 8483360287053054122301651905797133697024.0/14

Right: 328.637+/-0.000 χ^2/NDF: 132799081917308

Left Out: 17348.108+/-0.000 χ^2/NDF:82075481085961499217390301224955561695232.0/11

In: -6476.484+/-0.000 χ^2/NDF:307506960113677

Right Out: -8961.593+/-0.000 χ^2/NDF: 75837286441464614273043208884083354501 12.0/15

Out: 6269.465+/-0.000 χ^2/NDF:283074559168666

Left In: -17962.529+/-0.000 χ^2/NDF:35646982911428111330433446882613175255 04.0/10

All: -81.304+/-0.000 χ^2/NDF: 718800894609

dit_sam2_coil3_err_mean vs Slug, Sign Corrected

Left: -7.957+/-0.000 χ^2/NDF: 35929144777263772
Right In: 764.284+/-0.000 χ^2/NDF: 290964758058269480005067205020030599168.0/14
Right: -14.642+/-0.000 χ^2/NDF: 135377066004634
Left Out: 431.662+/-0.000 χ^2/NDF:328042151415945122222291980456348876 8.0/11
In: 54.379+/-0.000 χ^2/NDF:85067486853551882 4
Right Out: -772.547+/-0.000 χ^2/NDF: 285902138904642401278625587631891677184.0/15
Out: -75.414+/-0.000 χ^2/NDF:8491258746078760
Left In: -444.245+/-0.000 χ^2/NDF:290662583945299127010505389415124 1728.0/10
All: -10.743+/-0.000 χ^2/NDF: 171309640710

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1175.478+/-0.000 χ^2/NDF:399669915847906262003371064898103541 76.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_sam3_coil3_mean vs Slug, Sign Corrected

Left: -89.120+/-0.000 χ^2/NDF: 1838267625608147

Right In: 5145.657+/-0.000 χ^2/NDF: 4272867262459372237810540195851662262272.0/14

Right: 349.044+/-0.000 χ^2/NDF: 370788219703753

Left Out: 9783.623+/-0.000 χ^2/NDF:3463460967659182435053933688350532698112.0/11

In: -3684.756+/-0.000 χ^2/NDF:927030037862326

Right Out: -4318.126+/-0.000 χ^2/NDF: 3345176554564755427312533888908526616576.0/15

Out: 3845.576+/-0.000 χ^2/NDF:835953332241105

Left In: -9887.069+/-0.000 χ^2/NDF:2278516780225824082632420288802127347712.0/10

All: 93.529+/-0.000 χ^2/NDF: 2210529199103

dit_sam3_coil3_err_mean vs Slug, Sign Corrected

Left: -2.121+/-0.000 χ^2/NDF: 14597084399430561

Right In: 378.052+/-0.000 χ^2/NDF: 615165900225930530408607608613319475 20.0/14

Right: 2.067+/-0.000 χ^2/NDF: 30156387809525658

Left Out: 274.281+/-0.000 χ^2/NDF:32108665703217245013068466707706675 20.0/11

In: -6.399+/-0.000 χ^2/NDF:22799172790938067 0

Right Out: -363.772+/-0.000 χ^2/NDF: 5903133748470980180418143934270668 8000.0/15

Out: 5.606+/-0.000 χ^2/NDF:21944271950927157 7

Left In: -276.429+/-0.000 χ^2/NDF:3176476969276554988209041450490396672.0/10

All: -0.376+/-0.000 χ^2/NDF: 4475481806747

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1175.478+/-0.000 χ^2/NDF:399669915847906262003371064898103541 76.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_sam4_coil3_mean vs Slug, Sign Corrected

Left: -414.338+/-0.000 χ^2/NDF: 623213570824530
Right In: 9062.710+/-0.000 χ^2/NDF: 1362106694311435459415925240917543144652 8.0/14
Right: 673.078+/-0.000 χ^2/NDF: 113857439938422
Left Out: 17884.828+/-0.000 χ^2/NDF:8035777278860305028144675580255817170944.0/11
In: -7171.955+/-0.000 χ^2/NDF:308190630431946
Right Out: -7490.147+/-0.000 χ^2/NDF: 1010820212420413993228500645738823915929 6.0/15
Out: 7199.785+/-0.000 χ^2/NDF:266772668705775
Left In: -18574.874+/-0.000 χ^2/NDF:3371752936319538414648384836142763081728.0/10
All: 38.953+/-0.000 χ^2/NDF: 7379784691052

dit_sam4_coil3_err_mean vs Slug, Sign Corrected

Left: -7.975+/-0.000 χ^2/NDF: 41252805716365190
Right In: 530.057+/-0.000 χ^2/NDF: 78754676063063255524046471751880671232.0/14
Right: 3.936+/-0.000 χ^2/NDF: 50988723963729126
Left Out: 458.806+/-0.000 χ^2/NDF:69955215944898687471733662287333394944.0/11
In: -58.105+/-0.000 χ^2/NDF:46840539671479809
Right Out: -507.987+/-0.000 χ^2/NDF: 76689734698308464337881841969555046400.0/15
Out: 51.704+/-0.000 χ^2/NDF:44460214441514658
Left In: -471.219+/-0.000 χ^2/NDF:74459732191603362574677720110517452 80.0/10
All: -3.010+/-0.000 χ^2/NDF: 9225241672117

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1175.478+/-0.000 χ^2/NDF:399669915847906262003371064898103541 76.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_sam5_coil3_mean vs Slug, Sign Corrected

Left: -21.505+/-0.000 χ^2/NDF: 2909516961812704
Right In: 515.635+/-0.000 χ^2/NDF: 484654034205739572926730623711623249 92.0/14
Right: 20.387+/-0.000 χ^2/NDF: 4030056130167457
Left Out: -18.086+/-0.000 χ^2/NDF:113760261442063078265103594368341639168.0/11
In: 198.120+/-0.000 χ^2/NDF:3370219310244745
Right Out: -461.497+/-0.000 χ^2/NDF: 404737466600913559280633068843685642 24.0/15
Out: -204.800+/-0.000 χ^2/NDF:230153328143066
Left In: -24.898+/-0.000 χ^2/NDF:177170083146066340419686697250307702784.0/10
All: -4.042+/-0.000 χ^2/NDF: 6953040639809

dit_sam5_coil3_err_mean vs Slug, Sign Corrected

Left: 0.402+/-0.000 χ^2/NDF: 697888680895441924
Right In: 88.493+/-0.000 χ^2/NDF: 643231155193035512625817963208900608.0/14
Right: -0.339+/-0.000 χ^2/NDF: 1180687368969666
Left Out: 60.867+/-0.000 χ^2/NDF:208334830420842687698007665034854 40.0/11
In: 1.499+/-0.000 χ^2/NDF:909555293268762402
Right Out: -86.773+/-0.000 χ^2/NDF: 105920676631408602124052500322870 8864.0/15
Out: -1.302+/-0.000 χ^2/NDF:9684437430728420 3
Left In: -59.604+/-0.000 χ^2/NDF:908626251819856643753234631680327 68.0/10
All: 0.093+/-0.000 χ^2/NDF: 1878618220707 4

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1175.478+/-0.000 χ^2/NDF:399669915847906262003371064898103541 76.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_sam6_coil3_mean vs Slug, Sign Corrected

Left: 259.674+/-0.000 χ^2/NDF: 556843868942343
Right In: -1299.904+/-0.000 χ^2/NDF: 1199649252163216367086408691577524322304.0/14
Right: -158.600+/-0.000 χ^2/NDF: 37088904648604
Left Out: -5213.053+/-0.000 χ^2/NDF:607024723474712138909900039656470216704.0/11
In: 2806.606+/-0.000 χ^2/NDF:201868973591481
Right Out: 951.903+/-0.000 χ^2/NDF: 8413146968636570441744682842170893271 04.0/15
Out: -2617.077+/-0.000 χ^2/NDF:16124078025382
Left In: 5690.941+/-0.000 χ^2/NDF:3557746207229488669680404607498914365 44.0/10
All: 85.316+/-0.000 χ^2/NDF: 595275406564

dit_sam6_coil3_err_mean vs Slug, Sign Corrected

Left: -5.468+/-0.000 χ^2/NDF: 40198175419000180

Right In: 114.118+/-0.000 χ^2/NDF: 607226770891525118881736460452495360.0/14

Right: 2.610+/-0.000 χ^2/NDF: 17380785718088446

Left Out: 141.380+/-0.000 χ^2/NDF:4169630263102922855140589896749547 52.0/11

In: -41.735+/-0.000 χ^2/NDF:27826261181651348

Right Out: -105.890+/-0.000 χ^2/NDF: 851861355270591521058611007535972352.0/15

Out: 37.258+/-0.000 χ^2/NDF:2487798106972589 4

Left In: -151.203+/-0.000 χ^2/NDF:3822276526049993375774315497840 96768.0/10

All: -2.101+/-0.000 χ^2/NDF: 5762903139484

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1175.478+/-0.000 χ^2/NDF:399669915847906262003371064898103541 76.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_sam7_coil3_mean vs Slug, Sign Corrected

Left: -98.746+/-0.000 χ^2/NDF: 3511883210802034

Right In: 2323.372+/-0.000 χ^2/NDF: 476371189888349375964725620757728591872.0/14

Right: 85.258+/-0.000 χ^2/NDF: 7257650695936348

Left Out: 4231.380+/-0.000 χ^2/NDF:591264758783455505140129278309664030720.0/11

In: -1623.712+/-0.000 χ^2/NDF:179596063861387

Right Out: -2092.458+/-0.000 χ^2/NDF: 367126080872166122663684022473339174912.0/15

Out: 1568.501+/-0.000 χ^2/NDF:164003188490660

Left In: -4396.069+/-0.000 χ^2/NDF:270326441631367265143713722564756897792.0/10

All: -22.044+/-0.000 χ^2/NDF: 424024658110

dit_sam7_coil3_err_mean vs Slug, Sign Corrected

Left: -2.216+/-0.000 χ^2/NDF: 19793726503951273

Right In: 122.622+/-0.000 χ^2/NDF: 5937504661187691145903235842749497344.0/14

Right: -2.485+/-0.000 χ^2/NDF: 3252911350198687

Left Out: 101.138+/-0.000 χ^2/NDF:1751114564774519668041155503970058 24.0/11

In: -10.961+/-0.000 χ^2/NDF:2575473987064935 8

Right Out: -124.216+/-0.000 χ^2/NDF: 6549627589629012958791202941129719808.0/15

Out: 6.245+/-0.000 χ^2/NDF:2633452899126762 81

Left In: -104.786+/-0.000 χ^2/NDF:1020137853813338374934354518469509 12.0/10

All: -2.328+/-0.000 χ^2/NDF: 5232289579930

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1175.478+/-0.000 χ^2/NDF:399669915847906262003371064898103541 76.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_sam8_coil3_mean vs Slug, Sign Corrected

Left: -136.302+/-0.000 χ^2/NDF: 204610359235685

Right In: 1761.245+/-0.000 χ^2/NDF: 332206925976055306953064744993096204288.0/14

Right: 118.557+/-0.000 χ^2/NDF: 405096794129398

Left Out: 3175.502+/-0.000 χ^2/NDF:347291191980203589558827802227239813120.0/11

In: -1284.056+/-0.000 χ^2/NDF:106529223368733

Right Out: -1479.801+/-0.000 χ^2/NDF: 263467768134780968832551238609236131840.0/15

Out: 1215.220+/-0.000 χ^2/NDF:897903201361202

Left In: -3423.018+/-0.000 χ^2/NDF:745370388420888824638695817275684945 92.0/10

All: -30.064+/-0.000 χ^2/NDF: 245618505677

dit_sam8_coil3_err_mean vs Slug, Sign Corrected

Left: -2.649+/-0.000 χ^2/NDF: 11987658152630781

Right In: 82.422+/-0.000 χ^2/NDF: 1263633347129443757477527241185296384.0/14

Right: 1.403+/-0.000 χ^2/NDF: 1118435067130950

Left Out: 77.672+/-0.000 χ^2/NDF:1123594259701153969731918512059842 56.0/11

In: -14.374+/-0.000 χ^2/NDF:1170355213150101

Right Out: -77.430+/-0.000 χ^2/NDF: 1515456409368458038568290276111024128.0/15

Out: 12.361+/-0.000 χ^2/NDF:1091695734901054

Left In: -82.361+/-0.000 χ^2/NDF:8816053676918609649684696689069 2608.0/10

All: -0.960+/-0.000 χ^2/NDF: 2318460638265

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1175.478+/-0.000 χ^2/NDF:399669915847906262003371064898103541 76.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_4aX_coil7_mean vs Slug, Sign Corrected

Left: -1.315+/-0.000 χ^2/NDF: 16969654131032672

Right In: 164.752+/-0.000 χ^2/NDF: 636982894318183391742569991655496089 6.0/14

Right: -4.461+/-0.000 χ^2/NDF: 4907468178563624

Left Out: 28.100+/-0.000 χ^2/NDF:635173573099110904470706697923461 12.0/11

In: 50.054+/-0.000 χ^2/NDF:20957243949655608 5

Right Out: -169.108+/-0.000 χ^2/NDF: 604072180204293682276691068781907 1488.0/15

Out: -54.941+/-0.000 χ^2/NDF:211213788138169 6

Left In: -30.507+/-0.000 χ^2/NDF:526007001482740498015866996716994 56.0/10

All: -2.626+/-0.000 χ^2/NDF: 5077924344541

dit_4aX_coil7_err_mean vs Slug, Sign Corrected

Left: -0.254+/-0.000 χ^2/NDF: 7053207013078386

Right In: 7.738+/-0.000 χ^2/NDF: 151272154792345060074694927680798 72.0/14

Right: 0.240+/-0.000 χ^2/NDF: 98424389249981268

Left Out: 5.764+/-0.000 χ^2/NDF:2014473932574383690261327211659264.0/11

In: -0.465+/-0.000 χ^2/NDF:918173600433659014

Right Out: -7.057+/-0.000 χ^2/NDF: 1129244120413939479234124275358 1056.0/15

Out: 0.365+/-0.000 χ^2/NDF:76781483026932950 6

Left In: -6.228+/-0.000 χ^2/NDF:2331911751655733809355489024147456.0/10

All: -0.049+/-0.000 χ^2/NDF: 1691437180051

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_4eX_coil7_mean vs Slug, Sign Corrected

Left: -1.223+/-0.000 χ^2/NDF: 15286596958341746

Right In: 141.032+/-0.000 χ^2/NDF: 4507992585512923332587415612245934080.0/14

Right: -3.577+/-0.000 χ^2/NDF: 3555338643006251

Left Out: 26.582+/-0.000 χ^2/NDF:638805469323936580506146521418301 44.0/11

In: 41.261+/-0.000 χ^2/NDF:15558202913354022

Right Out: -144.283+/-0.000 χ^2/NDF: 426833357151774088606536166392882 7904.0/15

Out: -45.367+/-0.000 χ^2/NDF:1560535001483791

Left In: -28.817+/-0.000 χ^2/NDF:5230979753213239399055327730702 7456.0/10

All: -2.204+/-0.000 χ^2/NDF: 3708629931644

dit_4eX_coil7_err_mean vs Slug, Sign Corrected

Right In: 7.198+/-0.000 χ^2/NDF: 18212640728502785337831966963138560.0/14

Left Out: 5.387+/-0.000 χ^2/NDF:16021382498824788148359438438236 16.0/11

Right Out: -6.547+/-0.000 χ^2/NDF: 14078912505116068936230809834094592.0/15

Left In: -5.843+/-0.000 χ^2/NDF:18327868371027078624005378067660 80.0/10

Left: -0.250+/-0.000 χ^2/NDF: 61475661357383771

Right: 0.232+/-0.000 χ^2/NDF: 94430884745367791

In: -0.463+/-0.000 χ^2/NDF:84881658892017473 5

Out: 0.362+/-0.000 χ^2/NDF:70666369710520663 0

All: -0.049+/-0.000 χ^2/NDF: 1560843650902

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_11X12X_coil7_mean vs Slug, Sign Corrected

Right In: -397.613+/-0.000 χ^2/NDF: 266128078538463320709610622947426304 0.0/14

Left Out: -407.457+/-0.000 χ^2/NDF:353025449080407268501570591063749427 2.0/11

Right Out: 394.973+/-0.000 χ^2/NDF: 368559551342718350159616528087410278 4.0/15

Left In: 433.664+/-0.000 χ^2/NDF:119823742138546110468749548459969740 8.0/10

Left: 14.703+/-0.000 χ^2/NDF: 3303435106637824 3

Right: 4.100+/-0.000 χ^2/NDF: 2129834298843728 3

In: 90.690+/-0.000 χ^2/NDF:267298439260479340

Out: -69.565+/-0.000 χ^2/NDF:2558458323075141

All: 10.283+/-0.000 χ^2/NDF: 5434132132493

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected

Left: 0.046+/-0.000 χ^2/NDF: 19819294852781313

Right In: 11.089+/-0.000 χ^2/NDF: 1423599112201498447816335126691840 0.0/14

Right: 0.031+/-0.000 χ^2/NDF: 1855646914967822

Left Out: 10.137+/-0.000 χ^2/NDF:9233961900502442042562315288576000.0/11

In: -1.280+/-0.000 χ^2/NDF:18618379731528032

Right Out: -10.728+/-0.000 χ^2/NDF: 1476723829072526090808112443713126 4.0/15

Out: 1.351+/-0.000 χ^2/NDF:19210676457575563

Left In: -9.968+/-0.000 χ^2/NDF:2905664542402179840795878184976384.0/10

All: 0.040+/-0.000 χ^2/NDF: 3837578097227

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_4aY_coil7_mean vs Slug, Sign Corrected

Left: 0.010+/-0.000 χ^2/NDF: 21269416203582270

Right In: -9.582+/-0.000 χ^2/NDF: 1470267998394000282080647196337766 4.0/14

Right: -0.564+/-0.000 χ^2/NDF: 1371493250181668

Left Out: -10.300+/-0.000 χ^2/NDF:9506877601099056155644993577418752.0/11

In: 2.062+/-0.000 χ^2/NDF:173509343725026815 6

Right Out: 8.211+/-0.000 χ^2/NDF: 1830423729383596146560575420445491 2.0/15

Out: -2.505+/-0.000 χ^2/NDF:16012140379584636

Left In: 10.241+/-0.000 χ^2/NDF:8992829088408430483485977772818432.0/10

All: -0.229+/-0.000 χ^2/NDF: 3500960863044

dit_4aY_coil7_err_mean vs Slug, Sign Corrected

Right In: 2.367+/-0.000 χ^2/NDF: 9206332945461528769220667674460 16.0/14

Left Out: 1.637+/-0.000 χ^2/NDF:1975848469515970519447692891914 24.0/11

Right Out: -2.147+/-0.000 χ^2/NDF: 7641719924802244786561275553382 40.0/15

Left In: -1.580+/-0.000 χ^2/NDF:1041598201066898133531717921669 12.0/10

Left: 0.022+/-0.000 χ^2/NDF: 50649701267613452 0

Right: 0.079+/-0.000 χ^2/NDF: 8387735383882358 8

In: 0.048+/-0.000 χ^2/NDF:6965293012919252949

Out: 0.043+/-0.000 χ^2/NDF:6489896615990384 83

All: 0.046+/-0.000 χ^2/NDF: 1345520859259 8

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_4eY_coil7_mean vs Slug, Sign Corrected

Left: -0.305+/-0.000 χ^2/NDF: 1485547930742766
Right In: -8.139+/-0.000 χ^2/NDF: 1467644264922212037253377989332172 8.0/14
Right: -0.537+/-0.000 χ^2/NDF: 1051474549999360
Left Out: -9.019+/-0.000 χ^2/NDF:2556393635520144823493802684579840.0/11
In: 1.543+/-0.000 χ^2/NDF:125503787533392226
Right Out: 6.859+/-0.000 χ^2/NDF: 1648363156159179073135263215307980 8.0/15
Out: -2.333+/-0.000 χ^2/NDF:11638470167153536
Left In: 8.343+/-0.000 χ^2/NDF:7268690948063694771204756789526528.0/10
All: -0.402+/-0.000 χ^2/NDF: 2537437015122

dit_4eY_coil7_err_mean vs Slug, Sign Corrected

Left: -0.002+/-0.000 χ^2/NDF: 47616036648607454

Right In: 2.250+/-0.000 χ^2/NDF: 6567745881362748162954427010908 16.0/14

Right: 0.083+/-0.000 χ^2/NDF: 7249257967761916 2

Left Out: 1.590+/-0.000 χ^2/NDF:7655435111469366960521809074585 6.0/11

In: -0.001+/-0.000 χ^2/NDF:6309895304993274 21

Right Out: -2.025+/-0.000 χ^2/NDF: 5787174417629564546165055999180 80.0/15

Out: 0.068+/-0.000 χ^2/NDF:5702837624120209 56

Left In: -1.582+/-0.000 χ^2/NDF:5493098814576343490489799933952 0.0/10

All: 0.034+/-0.000 χ^2/NDF: 1201641232876 8

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_usl_coil7_mean vs Slug, Sign Corrected

Left: -1160.813+/-0.000 χ^2/NDF: 55729109500245

Right In: 8703.332+/-0.000 χ^2/NDF: 195011330673084268595363045008191191922688.0/14

Right: -1049.596+/-0.000 χ^2/NDF: 1875271262832

Left Out: 16897.725+/-0.000 χ^2/NDF:1017625262382863571340569286423009139097 6.0/10

In: -6849.259+/-0.000 χ^2/NDF:301670600144202

Right Out: -10539.327+/-0.000 χ^2/NDF: 462266842278361092733940625697537586626 56.0/15

Out: 4834.103+/-0.000 χ^2/NDF:337744605089311

Left In: -17773.103+/-0.000 χ^2/NDF:149260669911428894526765875526186324459 52.0/10

All: -1113.447+/-0.000 χ^2/NDF: 7448275665

dit_usl_coil7_err_mean vs Slug, Sign Corrected

Left: -37.390+/-0.000 χ^2/NDF: 6983171203334230

Right In: 599.849+/-0.000 χ^2/NDF: 8925896110037324430933720871563847270 4.0/14

Right: -20.227+/-0.000 χ^2/NDF: 6830471042435100

Left Out: 603.317+/-0.000 χ^2/NDF:2023108432540805097671000990085545984 0.0/10

In: -120.691+/-0.000 χ^2/NDF:6710419743647367

Right Out: -623.569+/-0.000 χ^2/NDF: 1014488454792976030441526181268794900 48.0/15

Out: 63.875+/-0.000 χ^2/NDF:6842383462675463 2

Left In: -626.785+/-0.000 χ^2/NDF:8170989429665370050254275774703992832.0/10

All: -30.080+/-0.000 χ^2/NDF: 138158678940

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -61.008+/-0.000 χ^2/NDF: 2541782775965116

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1169.193+/-0.000 χ^2/NDF:5277744667517852928965440818889988505 6.0/10

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 238.674+/-0.000 χ^2/NDF:1794461642916467

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: -24.887+/-0.000 χ^2/NDF: 393055602424

dit_usr_coil7_mean vs Slug, Sign Corrected

Left: -448.697+/-0.000 χ^2/NDF: 670706446890789
Right In: 25232.229+/-0.000 χ^2/NDF: 2453458197477203101630463386353863229440 0.0/14
Right: -532.226+/-0.000 χ^2/NDF: 89888992461613
Left Out: 18569.658+/-0.000 χ^2/NDF:435545392994974589674056900812132581376 0.0/11
In: -940.058+/-0.000 χ^2/NDF:7868508361919144
Right Out: -25601.388+/-0.000 χ^2/NDF: 2435975758796451082765081984727048309964 8.0/15
Out: -30.145+/-0.000 χ^2/NDF:7820974438326909
Left In: -19322.974+/-0.000 χ^2/NDF:5509841990831420617123513924011035721728.0/10
All: -483.516+/-0.000 χ^2/NDF: 15696017258

dit_usr_coil7_err_mean vs Slug, Sign Corrected

Left: -3.348+/-0.000 χ^2/NDF: 66529886275813901

Right In: 818.668+/-0.000 χ^2/NDF: 1056065270969119744894968023183733555 20.0/14

Right: 23.778+/-0.000 χ^2/NDF: 9926549473307925

Left Out: 586.466+/-0.000 χ^2/NDF:197989683367652659191751742871505469 44.0/11

In: -8.034+/-0.000 χ^2/NDF:870601201099148606

Right Out: -749.661+/-0.000 χ^2/NDF: 7797269183460570870614546125066915 0208.0/15

Out: 23.842+/-0.000 χ^2/NDF:7871153650932668 6

Left In: -588.693+/-0.000 χ^2/NDF:9904386894828699094725074481582178304.0/10

All: 7.960+/-0.000 χ^2/NDF: 1658518460352 5

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1176.242+/-0.000 χ^2/NDF:533555257965920228823850231988832174 08.0/11

Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

Left In: -1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

All: 2.502+/-0.000 χ^2/NDF: 4039779109898 9

dit_atl1_coil7_mean vs Slug, Sign Corrected

Left: -907.861+/-0.000 χ^2/NDF: 332523614626730

Right In: 4145.268+/-0.000 χ^2/NDF: 763693998395064689637972381933507648159744.0/14

Right: -3504.625+/-0.000 χ^2/NDF: 1712578788282

Left Out: 11270.779+/-0.000 χ^2/NDF:3513704352703313906538875918268284849356 8.0/11

In: -5922.694+/-0.000 χ^2/NDF:902084767732052

Right Out: -10948.073+/-0.000 χ^2/NDF: 873949668510327201514601463115396191092736.0/15

Out: 1914.734+/-0.000 χ^2/NDF:109971319391209

Left In: -12994.239+/-0.000 χ^2/NDF:2639939747320906331564871104022427625 0624.0/10

All: -1990.326+/-0.000 χ^2/NDF: 2050277278

dit_atl1_coil7_err_mean vs Slug, Sign Corrected

Left: -10.452+/-0.000 χ^2/NDF: 6353693271242409

Right In: 1062.141+/-0.000 χ^2/NDF: 952806231926530012715872184655778152448.0/14

Right: -432.638+/-0.000 χ^2/NDF: 93397475225812

Left Out: 565.876+/-0.000 χ^2/NDF:166473791256182929136478488787579384320.0/11

In: 96.109+/-0.000 χ^2/NDF:199572640986063157

Right Out: -1887.077+/-0.000 χ^2/NDF: 552587271836384562036602938756905828352 0.0/15

Out: -467.028+/-0.000 χ^2/NDF:786589030895614

Left In: -582.413+/-0.000 χ^2/NDF:1186014446253818181381467896572962406 4.0/10

All: -186.440+/-0.000 χ^2/NDF: 10111903245

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_atl2_coil7_mean vs Slug, Sign Corrected

Left: -8104.096+/-0.000 χ^2/NDF: 28901003549848
Right In: 80102.504+/-0.000 χ^2/NDF: 2545217840972586547236075226317424657694 72.0/14
Right: -443.492+/-0.000 χ^2/NDF: 88479516524724
Left Out: 115071.197+/-0.000 χ^2/NDF:10325006808320338789278995472903048307671 04.0/11
In: -43517.739+/-0.000 χ^2/NDF:17286902459469
Right Out: -78815.832+/-0.000 χ^2/NDF: 2860769192178110994344704422319981854720 00.0/15
Out: 33428.111+/-0.000 χ^2/NDF:15834261661640
Left In: -130346.244+/-0.000 χ^2/NDF:1481748710154398198201004592799992785141 76.0/10
All: -4910.762+/-0.000 χ^2/NDF: 3779399134

dit_atl2_coil7_err_mean vs Slug, Sign Corrected

Left: -94.481+/-0.000 χ^2/NDF: 1962565007329207

Right In: 2662.183+/-0.000 χ^2/NDF: 10313892301656401578644397055833674874 88.0/14

Right: -17.413+/-0.000 χ^2/NDF: 117922842657675

Left Out: 3067.875+/-0.000 χ^2/NDF:1078495187687389019694818149822179049472.0/11

In: -800.651+/-0.000 χ^2/NDF:1455555206694384

Right Out: -2624.696+/-0.000 χ^2/NDF: 1566705216866534713590934835660406652928.0/15

Out: 670.814+/-0.000 χ^2/NDF:1515807076581912

Left In: -3232.879+/-0.000 χ^2/NDF:2757210076138912767410072402833314938 88.0/10

All: -62.355+/-0.000 χ^2/NDF: 314224924174

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_atr1_coil7_mean vs Slug, Sign Corrected

Left: 156.653+/-0.000 χ^2/NDF: 186439517427266
Right In: 3390.550+/-0.000 χ^2/NDF: 6587192744155325672417919455628017375641 6.0/14
Right: 66.728+/-0.000 χ^2/NDF: 2177723560844725
Left Out: 8912.459+/-0.000 χ^2/NDF:2207054440264607428426823169080523594137 6.0/11
In: -3613.388+/-0.000 χ^2/NDF:14436979844717 1
Right Out: -3167.396+/-0.000 χ^2/NDF: 1377538866772411444604625318816875680890 88.0/15
Out: 3825.803+/-0.000 χ^2/NDF:2161704755068 30
Left In: -8532.821+/-0.000 χ^2/NDF:2429951594938022458632473755809522647040 0.0/10
All: 119.168+/-0.000 χ^2/NDF: 40421807927 4

dit_atr1_coil7_err_mean vs Slug, Sign Corrected

Left: -13.461+/-0.000 χ^2/NDF: 7504621262145968
Right In: 893.683+/-0.000 χ^2/NDF: 3345836190786310089324042282273593098 24.0/14
Right: -187.395+/-0.000 χ^2/NDF: 48021156818850
Left Out: 619.363+/-0.000 χ^2/NDF:1274331059790780227359809930048988 7744.0/11
In: -8.097+/-0.000 χ^2/NDF:123909874324086760
Right Out: -1239.298+/-0.000 χ^2/NDF: 2970990859486483990408108918937565003776.0/15
Out: -163.293+/-0.000 χ^2/NDF:431768646562463
Left In: -641.490+/-0.000 χ^2/NDF:604724187104646632094315292671554 3552.0/10
All: -85.966+/-0.000 χ^2/NDF: 557579474185

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_atr2_coil7_mean vs Slug, Sign Corrected

Left: -3469.561+/-0.000 χ^2/NDF: 24269872595943
Right In: 121016.482+/-0.000 χ^2/NDF: 3587138564043035549877849759836096681738 24.0/14
Right: -1170.810+/-0.000 χ^2/NDF: 2030444568824
Left Out: 111166.801+/-0.000 χ^2/NDF:167364192439388047212250461007969368670208.0/11
In: -18936.885+/-0.000 χ^2/NDF:22091556289906
Right Out: -120060.693+/-0.000 χ^2/NDF: 828419782346707601448620310014135952736256.0/15
Out: 13800.173+/-0.000 χ^2/NDF:2164097647755 1
Left In: -117237.465+/-0.000 χ^2/NDF:922995277061580630965444342066787920117 76.0/10
All: -2511.323+/-0.000 χ^2/NDF: 4457837354

dit_atr2_coil7_err_mean vs Slug, Sign Corrected

Left: -2.550+/-0.000 χ^2/NDF: 15902711731556082

Right In: 3329.488+/-0.000 χ^2/NDF: 567034774398456376227526824513721335808.0/14

Right: -473.285+/-0.000 χ^2/NDF: 32582486462967

Left Out: 2863.169+/-0.000 χ^2/NDF:668766817298044492245074854515224608768.0/11

In: -298.400+/-0.000 χ^2/NDF:1533808541348253

Right Out: -4173.434+/-0.000 χ^2/NDF: 1349824655153799240009500315468246810624 0.0/15

Out: -99.845+/-0.000 χ^2/NDF:3328605232002886

Left In: -2846.559+/-0.000 χ^2/NDF:2295571097366821236038857641346161704 96.0/10

All: -198.776+/-0.000 χ^2/NDF: 48655252714

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_sam1_coil7_mean vs Slug, Sign Corrected

Left: 21.302+/-0.000 χ^2/NDF: 2367978487139292
Right In: -1268.061+/-0.000 χ^2/NDF: 109228076028883385607047049080064704512 0.0/14
Right: 41.017+/-0.000 χ^2/NDF: 4385100658196815
Left Out: -27.654+/-0.000 χ^2/NDF:1240413161703628881857363251691729715 2.0/11
In: -482.133+/-0.000 χ^2/NDF:1781620225198016
Right Out: 1314.767+/-0.000 χ^2/NDF: 1098471313864079013714609379653260935168.0/15
Out: 537.620+/-0.000 χ^2/NDF:180672936250387 6
Left In: 69.887+/-0.000 χ^2/NDF:689672905510609549267529077554465996 8.0/10
All: 29.520+/-0.000 χ^2/NDF: 4409078738323

dit_sam1_coil7_err_mean vs Slug, Sign Corrected

Left: -5.794+/-0.000 χ^2/NDF: 22329321836444331

Right In: 202.191+/-0.000 χ^2/NDF: 702794105275284906636904065061512806 4.0/14

Right: 4.870+/-0.000 χ^2/NDF: 6311431633575950 6

Left Out: 102.211+/-0.000 χ^2/NDF:617349982651654313498458631453016064.0/11

In: 17.055+/-0.000 χ^2/NDF:45296015333849290

Right Out: -187.126+/-0.000 χ^2/NDF: 623002949160552474693651580994138931 2.0/15

Out: -19.625+/-0.000 χ^2/NDF:3917308434044750

Left In: -112.981+/-0.000 χ^2/NDF:399082569166702797505998561799569408.0/10

All: -1.349+/-0.000 χ^2/NDF: 8553091353048

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_sam2_coil7_mean vs Slug, Sign Corrected

Left: 258.348+/-0.000 χ^2/NDF: 3307112965048947

Right In: -32594.962+/-0.000 χ^2/NDF: 2091503692070005644897245290209225201418 24.0/14

Right: 1587.778+/-0.000 χ^2/NDF: 19264741132603

Left Out: -3752.448+/-0.000 χ^2/NDF:200401892239786451250625175198296860262 4.0/11

In: -10958.371+/-0.000 χ^2/NDF:7280511555908 7

Right Out: 34848.046+/-0.000 χ^2/NDF: 2211277020248117192325594340973249675919 36.0/15

Out: 12501.674+/-0.000 χ^2/NDF:7984732334740 0

Left In: 4238.758+/-0.000 χ^2/NDF:1676258877466067471746283067125033598976.0/10

All: 812.523+/-0.000 χ^2/NDF: 19609015766 2

dit_sam2_coil7_err_mean vs Slug, Sign Corrected

Left: -32.969+/-0.000 χ^2/NDF: 2339525049337502

Right In: 1958.835+/-0.000 χ^2/NDF: 1189322999631358431600643692981190131712.0/14

Right: 55.033+/-0.000 χ^2/NDF: 6785490652460108

Left Out: 1079.227+/-0.000 χ^2/NDF:4283945866125572460989440605846241280 0.0/11

In: 140.456+/-0.000 χ^2/NDF:4879154621180332

Right Out: -1797.392+/-0.000 χ^2/NDF: 9550966238799581956571950746142402150 40.0/15

Out: -132.077+/-0.000 χ^2/NDF:419318398418224

Left In: -1136.738+/-0.000 χ^2/NDF:3666064038816023377049229979717468160 0.0/10

All: 3.715+/-0.000 χ^2/NDF: 9130958832355

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_sam3_coil7_mean vs Slug, Sign Corrected

Left: 59.316+/-0.000 χ^2/NDF: 2224214762821478
Right In: -18068.550+/-0.000 χ^2/NDF: 8431215644353355341776093349775376016998 4.0/14
Right: 155.704+/-0.000 χ^2/NDF: 587997392225656
Left Out: -3301.165+/-0.000 χ^2/NDF:8045720068680885182245034797299746734 08.0/11
In: -5460.979+/-0.000 χ^2/NDF:2607332174711 85
Right Out: 17888.149+/-0.000 χ^2/NDF: 7840591561291425286987523106879539301 5808.0/15
Out: 5621.355+/-0.000 χ^2/NDF:252580420870454
Left In: 3394.339+/-0.000 χ^2/NDF:8049690958240573917042936693908937113 60.0/10
All: 99.495+/-0.000 χ^2/NDF: 6102466696824

dit_sam3_coil7_err_mean vs Slug, Sign Corrected

Left: -7.698+/-0.000 χ^2/NDF: 97780669416064476

Right In: 958.411+/-0.000 χ^2/NDF: 2647331050585228222781371970707395706 88.0/14

Right: 32.949+/-0.000 χ^2/NDF: 1577572239072451

Left Out: 693.081+/-0.000 χ^2/NDF:4851473446850370812653864126724125 4912.0/11

In: -17.622+/-0.000 χ^2/NDF:13492933316249203

Right Out: -867.538+/-0.000 χ^2/NDF: 2161298515451667141222523176044881 51040.0/15

Out: 35.927+/-0.000 χ^2/NDF:1205090393520215 9

Left In: -703.169+/-0.000 χ^2/NDF:3204053186145142696993994476773336 6784.0/10

All: 9.246+/-0.000 χ^2/NDF: 2556646870304 2

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_sam4_coil7_mean vs Slug, Sign Corrected

Left: 63.226+/-0.000 χ^2/NDF: 1037243095558681
Right In: -28868.624+/-0.000 χ^2/NDF: 261450701095727362961367657926584124309504.0/14
Right: -242.630+/-0.000 χ^2/NDF: 15588395560755
Left Out: -7254.077+/-0.000 χ^2/NDF:285255888049232166346706246602722377728 0.0/11
In: -7607.978+/-0.000 χ^2/NDF:763903396757370
Right Out: 27610.848+/-0.000 χ^2/NDF: 248097983477523504935751571384400118546432.0/15
Out: 7427.050+/-0.000 χ^2/NDF:720322837766994
Left In: 7325.095+/-0.000 χ^2/NDF:304599116795237711242251693759971668 7872.0/10
All: -64.270+/-0.000 χ^2/NDF: 166263565673

dit_sam4_coil7_err_mean vs Slug, Sign Corrected

Left: -20.773+/-0.000 χ^2/NDF: 2937905833328577

Right In: 1353.413+/-0.000 χ^2/NDF: 3528879667027707133738618398805537587 20.0/14

Right: 43.718+/-0.000 χ^2/NDF: 2826295721143961

Left Out: 1188.374+/-0.000 χ^2/NDF:1503886366143269167509182202875090042 88.0/11

In: -158.689+/-0.000 χ^2/NDF:2995360939272763

Right Out: -1230.633+/-0.000 χ^2/NDF: 2769894541291500056568727445399037542 40.0/15

Out: 169.765+/-0.000 χ^2/NDF:2686887830938802

Left In: -1220.761+/-0.000 χ^2/NDF:1162968972504867199653419908309408808 96.0/10

All: 6.110+/-0.000 χ^2/NDF: 5767393377296 5

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_sam5_coil7_mean vs Slug, Sign Corrected

Left: -39.345+/-0.000 χ^2/NDF: 3120127599726201

Right In: -1314.782+/-0.000 χ^2/NDF: 9660823685182034815440216444056455086 08.0/14

Right: -112.789+/-0.000 χ^2/NDF: 39432514405702

Left Out: -1318.814+/-0.000 χ^2/NDF:2873885677555434095474514478444104908 8.0/11

In: 180.308+/-0.000 χ^2/NDF:3536166076329478 5

Right Out: 1056.765+/-0.000 χ^2/NDF: 1127141594187417021949832477353286041600.0/15

Out: -318.491+/-0.000 χ^2/NDF:333498948748990

Left In: 1230.430+/-0.000 χ^2/NDF:1004316910688500560864091324605205053 44.0/10

All: -69.961+/-0.000 χ^2/NDF: 706751853981

dit_sam5_coil7_err_mean vs Slug, Sign Corrected

Left: -2.909+/-0.000 χ^2/NDF: 12048014195596265

Right In: 270.538+/-0.000 χ^2/NDF: 2473839905347950323907848405170257920.0/14

Right: 15.112+/-0.000 χ^2/NDF: 8906438963054982

Left Out: 249.237+/-0.000 χ^2/NDF:2339906474360292493064044354333573120.0/11

In: -37.080+/-0.000 χ^2/NDF:10900445186758413

Right Out: -233.421+/-0.000 χ^2/NDF: 3048529087317888615064010247743995904.0/15

Out: 45.997+/-0.000 χ^2/NDF:9534215487800800

Left In: -253.145+/-0.000 χ^2/NDF:1980196841930298045035907903943344128.0/10

All: 4.603+/-0.000 χ^2/NDF: 2097937656372

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_sam6_coil7_mean vs Slug, Sign Corrected

Left: -130.269+/-0.000 χ^2/NDF: 122669407546911

Right In: 6163.445+/-0.000 χ^2/NDF: 18200622549026770504746300139009854144512.0/14

Right: 6.710+/-0.000 χ^2/NDF: 8424313097733602 2

Left Out: 575.396+/-0.000 χ^2/NDF:1445529132280667816251884433555649986 56.0/11

In: 2055.062+/-0.000 χ^2/NDF:370214304856749 4

Right Out: -5983.876+/-0.000 χ^2/NDF: 17505201913276273559161088764155841740800.0/15

Out: -2186.621+/-0.000 χ^2/NDF:34262878323856

Left In: -830.587+/-0.000 χ^2/NDF:17233709240372627319735602061512802 3040.0/10

All: -73.169+/-0.000 χ^2/NDF: 854842243491

dit_sam6_coil7_err_mean vs Slug, Sign Corrected

Left: -21.982+/-0.000 χ^2/NDF: 3119745931798331

Right In: 363.133+/-0.000 χ^2/NDF: 1150279169707645642643599827799533158 4.0/14

Right: 27.278+/-0.000 χ^2/NDF: 1636258096450768

Left Out: 383.139+/-0.000 χ^2/NDF:4300109581526268747828208718091124736.0/11

In: -99.259+/-0.000 χ^2/NDF:25553843980228518

Right Out: -299.514+/-0.000 χ^2/NDF: 7685497318744225218354652828984672256.0/15

Out: 95.683+/-0.000 χ^2/NDF:19193108375677536

Left In: -424.034+/-0.000 χ^2/NDF:7812894231718086106241094868881375232.0/10

All: -1.448+/-0.000 χ^2/NDF: 4774625477045

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_sam7_coil7_mean vs Slug, Sign Corrected

Left: 39.988+/-0.000 χ^2/NDF: 2917814522893317

Right In: -4242.174+/-0.000 χ^2/NDF: 678347227217415137114560108174211075276 8.0/14

Right: 52.349+/-0.000 χ^2/NDF: 3708179263230228

Left Out: -1167.950+/-0.000 χ^2/NDF:140593267041981181070281289588583432192.0/11

In: -1022.595+/-0.000 χ^2/NDF:183472960455815

Right Out: 4230.978+/-0.000 χ^2/NDF: 668240952810301675220434357374093046579 2.0/15

Out: 1105.462+/-0.000 χ^2/NDF:180782523773145

Left In: 1238.776+/-0.000 χ^2/NDF:111339045659652616720712870833504124928.0/10

All: 45.141+/-0.000 χ^2/NDF: 399997244031

dit_sam7_coil7_err_mean vs Slug, Sign Corrected

Left: -8.082+/-0.000 χ^2/NDF: 98821919771983613

Right In: 287.460+/-0.000 χ^2/NDF: 2951704414482615593661915158136697651 2.0/14

Right: 7.151+/-0.000 χ^2/NDF: 15597171601313483

Left Out: 218.953+/-0.000 χ^2/NDF:2475213997163419950481199473566416896.0/11

In: -18.498+/-0.000 χ^2/NDF:13511313369967268

Right Out: -265.593+/-0.000 χ^2/NDF: 2584326310632905927498549925906690867 2.0/15

Out: 14.918+/-0.000 χ^2/NDF:1189772953296667 8

Left In: -233.397+/-0.000 χ^2/NDF:2171341737989359237753599766499950592.0/10

All: -1.732+/-0.000 χ^2/NDF: 2549717132605

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_sam8_coil7_mean vs Slug, Sign Corrected

Left: 24.472+/-0.000 χ^2/NDF: 1765470598893566
Right In: -3335.273+/-0.000 χ^2/NDF: 633808725158963752903007551715242357555 2.0/14
Right: -110.320+/-0.000 χ^2/NDF: 26741707536001
Left Out: -925.824+/-0.000 χ^2/NDF:640677990717716544415447758247590625 28.0/11
In: -807.730+/-0.000 χ^2/NDF:1344782221758095
Right Out: 3027.603+/-0.000 χ^2/NDF: 7086157086694396583090903767581326311424.0/15
Out: 738.908+/-0.000 χ^2/NDF:1318536484982862
Left In: 967.568+/-0.000 χ^2/NDF:5146188161940171856749778772086593945 6.0/10
All: -31.716+/-0.000 χ^2/NDF: 285211212597

dit_sam8_coil7_err_mean vs Slug, Sign Corrected

Left: -7.405+/-0.000 χ^2/NDF: 67583780148214345
Right In: 189.442+/-0.000 χ^2/NDF: 4707234253929700721726064108794544128.0/14
Right: 6.003+/-0.000 χ^2/NDF: 5338989642966045 7
Left Out: 177.229+/-0.000 χ^2/NDF:2763689981014700365307320120704499712.0/11
In: -33.824+/-0.000 χ^2/NDF:62316992098402396
Right Out: -172.485+/-0.000 χ^2/NDF: 5594813408996728261938711470404534272.0/15
Out: 29.970+/-0.000 χ^2/NDF:5558277857353714 5
Left In: -190.641+/-0.000 χ^2/NDF:2536070386684067132001548898091925504.0/10
All: -1.816+/-0.000 χ^2/NDF: 1211116539519

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_4aX_coil4_mean vs Slug, Sign Corrected

Left: -0.092+/-0.000 χ^2/NDF: 75870244174076408

Right In: 0.411+/-0.000 χ^2/NDF: 338557350625556317005308982040985 6.0/14

Right: -0.308+/-0.000 χ^2/NDF: 5176319865553172

Left Out: 0.010+/-0.000 χ^2/NDF:353620786406369007663734375579648.0/11

In: 0.056+/-0.000 χ^2/NDF:391102792111074774

Right Out: -1.008+/-0.000 χ^2/NDF: 112840222814409639449804741070028 8.0/15

Out: -0.419+/-0.000 χ^2/NDF:18817018437793290

Left In: -0.193+/-0.000 χ^2/NDF:386133523330033860307880234713088.0/10

All: -0.182+/-0.000 χ^2/NDF: 5970744078372

dit_4aX_coil4_err_mean vs Slug, Sign Corrected

Left: 0.066+/-0.000 χ^2/NDF: 36587364720072745

Right In: 4.495+/-0.000 χ^2/NDF: 27422400724410975315007287915970 56.0/14

Right: 0.040+/-0.000 χ^2/NDF: 30173534256832041

Left Out: 4.310+/-0.000 χ^2/NDF:204059229831869080240582357208268 8.0/11

In: -0.580+/-0.000 χ^2/NDF:32849833269086898 0

Right Out: -4.296+/-0.000 χ^2/NDF: 2011925707062051890381007475441664.0/15

Out: 0.686+/-0.000 χ^2/NDF:3264573876051804 20

Left In: -4.145+/-0.000 χ^2/NDF:16459426043033496085718498279424 00.0/10

All: 0.055+/-0.000 χ^2/NDF: 6676143499946 1

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:4574476839704944545212412198160380723 2.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_4eX_coil4_mean vs Slug, Sign Corrected

Left: -0.208+/-0.000 χ^2/NDF: 23172799194598005

Right In: 3.802+/-0.000 χ^2/NDF: 37954760743983389305647006576803 84.0/14

Right: -0.257+/-0.000 χ^2/NDF: 2698438341107243

Left Out: 3.295+/-0.000 χ^2/NDF:39084723958967351758325038658355 2.0/11

In: -0.595+/-0.000 χ^2/NDF:255266688887747072

Right Out: -4.206+/-0.000 χ^2/NDF: 20964278133414545733322651834777 60.0/15

Out: 0.136+/-0.000 χ^2/NDF:24209587902616678 8

Left In: -3.684+/-0.000 χ^2/NDF:36600141965642231060185007259648 0.0/10

All: -0.228+/-0.000 χ^2/NDF: 5015899532000

dit_4eX_coil4_err_mean vs Slug, Sign Corrected

Left: 0.060+/-0.000 χ^2/NDF: 31587596423026047
Right In: 4.136+/-0.000 χ^2/NDF: 35076006243886639198985054962319 36.0/14
Right: 0.039+/-0.000 χ^2/NDF: 27678490251430251
Left Out: 4.022+/-0.000 χ^2/NDF:162391805540544167867235895869440 0.0/11
In: -0.568+/-0.000 χ^2/NDF:292407298934601756
Right Out: -3.948+/-0.000 χ^2/NDF: 267017678394230202834555110005 1456.0/15
Out: 0.666+/-0.000 χ^2/NDF:288238497921115289
Left In: -3.873+/-0.000 χ^2/NDF:127859829139112769432383533141 1968.0/10
All: 0.051+/-0.000 χ^2/NDF: 5926642130985

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485 3376.0/10

All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_11X12X_coil4_mean vs Slug, Sign Corrected

Left: 0.029+/-0.000 χ^2/NDF: 27736241746993481

Right In: -0.360+/-0.000 χ^2/NDF: 218025634879089684934621217895219 2.0/14

Right: 0.223+/-0.000 χ^2/NDF: 3078215805430625 7

Left Out: -0.776+/-0.000 χ^2/NDF:93975708221519102061402104895897 6.0/11

In: 0.338+/-0.000 χ^2/NDF:336874813296651440 3

Right Out: 0.790+/-0.000 χ^2/NDF: 463078369073343959803422903894016.0/15

Out: -0.117+/-0.000 χ^2/NDF:2348842745160483 7

Left In: 0.828+/-0.000 χ^2/NDF:650173977459122524537180454387712.0/10

All: 0.110+/-0.000 χ^2/NDF: 5880508414853 6

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected

Left: 0.254+/-0.000 χ^2/NDF: 97783144945656841
Right In: 6.079+/-0.000 χ^2/NDF: 15902951710227051575099004488253 44.0/14
Right: -0.167+/-0.000 χ^2/NDF: 5337277361381866
Left Out: 7.336+/-0.000 χ^2/NDF:46256288332011399912673539910533 12.0/11
In: -1.470+/-0.000 χ^2/NDF:66109807257630798 6
Right Out: -6.245+/-0.000 χ^2/NDF: 18165291631050069385109769855959 04.0/15
Out: 1.617+/-0.000 χ^2/NDF:77661203204003064 3
Left In: -6.773+/-0.000 χ^2/NDF:15458806530628726350602058323722 24.0/10
All: 0.079+/-0.000 χ^2/NDF: 1512923844778 4

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:4574476839704944545212412198160380723 2.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_4aY_coil4_mean vs Slug, Sign Corrected

Right In: 192.771+/-0.000 χ^2/NDF: 1640576279746948433391816936236515328.0/14

Left Out: 164.293+/-0.000 χ^2/NDF:3538301209639400606057942125505413 12.0/11

Right Out: -188.612+/-0.000 χ^2/NDF: 192234225728767456334420473001961 0624.0/15

Left In: -173.738+/-0.000 χ^2/NDF:1075681569239006494587955410024529 92.0/10

Left: -5.365+/-0.000 χ^2/NDF: 53051282128887740

Right: -0.529+/-0.000 χ^2/NDF: 5140794879295893

In: -22.521+/-0.000 χ^2/NDF:5295856655825622 6

Out: 15.690+/-0.000 χ^2/NDF:5036625311190690 7

All: -3.349+/-0.000 χ^2/NDF: 1044771835030

dit_4aY_coil4_err_mean vs Slug, Sign Corrected

Left: 0.038+/-0.000 χ^2/NDF: 26360423789718970

Right In: 1.677+/-0.000 χ^2/NDF: 2418799240447885932927915592253 44.0/14

Right: 0.039+/-0.000 χ^2/NDF: 3934467653215597 9

Left Out: 1.206+/-0.000 χ^2/NDF:958696241285596662676270664908 80.0/11

In: 0.034+/-0.000 χ^2/NDF:3275368114978709323

Right Out: -1.555+/-0.000 χ^2/NDF: 2556459514338902968276771951083 52.0/15

Out: 0.043+/-0.000 χ^2/NDF:3295068648246808 65

Left In: -1.121+/-0.000 χ^2/NDF:4837489656334895737228535162470 4.0/10

All: 0.039+/-0.000 χ^2/NDF: 6570510715467 5

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:4574476839704944545212412198160380723 2.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_4eY_coil4_mean vs Slug, Sign Corrected

Left: -5.983+/-0.000 χ^2/NDF: 58864914274163401

Right In: 195.940+/-0.000 χ^2/NDF: 1057891079869089572370479093183938560.0/14

Right: 0.195+/-0.000 χ^2/NDF: 51589726724001798

Left Out: 172.678+/-0.000 χ^2/NDF:4441291543187844917047905283473408 00.0/11

In: -26.825+/-0.000 χ^2/NDF:55986720653015776

Right Out: -190.268+/-0.000 χ^2/NDF: 1468473073667973330267084234323656704.0/15

Out: 19.847+/-0.000 χ^2/NDF:52778083366810499

Left In: -183.290+/-0.000 χ^2/NDF:1017388415111114178210426118324879 36.0/10

All: -3.408+/-0.000 χ^2/NDF: 1104839326993

dit_4eY_coil4_err_mean vs Slug, Sign Corrected

Left: 0.030+/-0.000 χ^2/NDF: 25438621581137751

Right In: 1.569+/-0.000 χ^2/NDF: 16284919566812338078961054095769 6.0/14

Right: 0.041+/-0.000 χ^2/NDF: 3349930396263144

Left Out: 1.186+/-0.000 χ^2/NDF:501106490067331282697014424371 20.0/11

In: -0.010+/-0.000 χ^2/NDF:2965262634654358 62

Right Out: -1.446+/-0.000 χ^2/NDF: 1962966539175233524432710527877 12.0/15

Out: 0.078+/-0.000 χ^2/NDF:2922599267787834 77

Left In: -1.118+/-0.000 χ^2/NDF:4897349699572348091180136582348 8.0/10

All: 0.034+/-0.000 χ^2/NDF: 5893888551093 2

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485 3376.0/10

All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_usl_coil4_mean vs Slug, Sign Corrected

Left: -317.623+/-0.000 χ^2/NDF: 377967769613237

Right In: 4256.386+/-0.000 χ^2/NDF: 498605412551624859672454954159576186880.0/14

Right: -266.755+/-0.000 χ^2/NDF: 29897737536917

Left Out: 4380.887+/-0.000 χ^2/NDF:711929350796242872356445332084336099328.0/10

In: -969.372+/-0.000 χ^2/NDF:3172877768349375

Right Out: -4667.832+/-0.000 χ^2/NDF: 32019255357828074503209517721593095127 04.0/15

Out: 402.314+/-0.000 χ^2/NDF:3451469288999319

Left In: -4639.846+/-0.000 χ^2/NDF:1058446303743243170530981239939506634752.0/10

All: -295.959+/-0.000 χ^2/NDF: 67696469529

dit_usl_coil4_err_mean vs Slug, Sign Corrected

Right In: 325.732+/-0.000 χ^2/NDF: 1463335956794024412389724276985430016 0.0/14

Left Out: 424.941+/-0.000 χ^2/NDF:962182867327264981338377327246888 1408.0/10

Right Out: -366.682+/-0.000 χ^2/NDF: 320972506999479564091174401153989 34528.0/15

Left In: -420.062+/-0.000 χ^2/NDF:770651427670926926340441949180264 4480.0/10

Left: -15.185+/-0.000 χ^2/NDF: 3334495289432470

Right: -25.211+/-0.000 χ^2/NDF: 204436046213041

In: -112.357+/-0.000 χ^2/NDF:2343838173205561

Out: 76.877+/-0.000 χ^2/NDF:2759239617968123 7

All: -19.455+/-0.000 χ^2/NDF: 537961516832

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -105.275+/-0.000 χ^2/NDF: 275286776281893

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1177.551+/-0.000 χ^2/NDF:432990323993542902641234833031781416 96.0/10

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 213.036+/-0.000 χ^2/NDF:191430952904366 2

Left In: -1285.364+/-0.000 χ^2/NDF:240025728037323459597360480955148533 76.0/10

All: -47.257+/-0.000 χ^2/NDF: 436288028349

dit_usr_coil4_mean vs Slug, Sign Corrected

Left: -81.383+/-0.000 χ^2/NDF: 2774553088418693

Right In: 4070.444+/-0.000 χ^2/NDF: 3432818752826957399563831562952475934 72.0/14

Right: -4.119+/-0.000 χ^2/NDF: 2196193539942721

Left Out: 3763.117+/-0.000 χ^2/NDF:3288304104942859974906352696227476275 20.0/11

In: -609.591+/-0.000 χ^2/NDF:2495492786013162

Right Out: -3968.723+/-0.000 χ^2/NDF: 3599558803261947844673533694925948846 08.0/15

Out: 507.349+/-0.000 χ^2/NDF:2377250014239513

Left In: -3896.757+/-0.000 χ^2/NDF:4125307145846937302251302040143531788 8.0/10

All: -49.175+/-0.000 χ^2/NDF: 497120475909

dit_usr_coil4_err_mean vs Slug, Sign Corrected

Left: 9.404+/-0.000 χ^2/NDF: 34394484676097827

Right In: 477.186+/-0.000 χ^2/NDF: 204557199317583799788926051849747824 64.0/14

Right: 0.404+/-0.000 χ^2/NDF: 3240949272651964

Left Out: 428.977+/-0.000 χ^2/NDF:1529382778606567993198848445469268 3776.0/11

In: -42.190+/-0.000 χ^2/NDF:3255038316808342

Right Out: -463.513+/-0.000 χ^2/NDF: 1255677793106990337003183238818457 1904.0/15

Out: 53.162+/-0.000 χ^2/NDF:335422311068669

Left In: -406.990+/-0.000 χ^2/NDF:7014219134688394471330081136711827 456.0/10

All: 5.652+/-0.000 χ^2/NDF: 6681019457854

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:4574476839704944545212412198160380723 2.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_atl1_coil4_mean vs Slug, Sign Corrected

Left: 34.090+/-0.000 χ^2/NDF: 2171473726415562
Right In: -3896.522+/-0.000 χ^2/NDF: 396185985164810204482484406700129847869 44.0/14
Right: -555.179+/-0.000 χ^2/NDF: 94737135323081
Left Out: -374.202+/-0.000 χ^2/NDF:9458681751446739631330703811354967408 64.0/11
In: -1349.612+/-0.000 χ^2/NDF:4770648635560 85
Right Out: 2695.992+/-0.000 χ^2/NDF: 408224630714623521242120583865917295820 80.0/15
Out: 918.614+/-0.000 χ^2/NDF:4540808093027844
Left In: 439.289+/-0.000 χ^2/NDF:9210315667337238728294540785589304688 64.0/10
All: -211.548+/-0.000 χ^2/NDF: 9717508837 3

dit_atl1_coil4_err_mean vs Slug, Sign Corrected

Left: 1.594+/-0.000 χ^2/NDF: 32464199210012469
Right In: 574.055+/-0.000 χ^2/NDF: 15210522988916042301849370958239052595 2.0/14
Right: -306.705+/-0.000 χ^2/NDF: 31486221730071
Left Out: 411.666+/-0.000 χ^2/NDF:931075356204691907006762156089461964 8.0/11
In: -1.272+/-0.000 χ^2/NDF:5259070601375746 20
Right Out: -1163.697+/-0.000 χ^2/NDF: 2003194396475465337190154787515183136768.0/15
Out: -251.697+/-0.000 χ^2/NDF:297080395664297
Left In: -405.371+/-0.000 χ^2/NDF:8096374045117906535343483577494929408.0/10
All: -126.921+/-0.000 χ^2/NDF: 3546206487 1

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:4574476839704944545212412198160380723 2.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_atl2_coil4_mean vs Slug, Sign Corrected

Left: -2129.690+/-0.000 χ^2/NDF: 17577546606555
Right In: 24608.761+/-0.000 χ^2/NDF: 1755560042714070178763675908416726892544 0.0/14
Right: 137.211+/-0.000 χ^2/NDF: 809207355903527
Left Out: 28209.767+/-0.000 χ^2/NDF:640525882088157865012711361542179572940 80.0/11
In: -8784.508+/-0.000 χ^2/NDF:126151138901902
Right Out: -23673.937+/-0.000 χ^2/NDF: 2482422934482756731362487167729534186291 2.0/15
Out: 6362.273+/-0.000 χ^2/NDF:112832283543157
Left In: -32239.303+/-0.000 χ^2/NDF:119313978756631771428128299988035410329 60.0/10
All: -1184.729+/-0.000 χ^2/NDF: 2570905684

dit_atl2_coil4_err_mean vs Slug, Sign Corrected

Left: -18.631+/-0.000 χ^2/NDF: 9595380755067220

Right In: 1471.095+/-0.000 χ^2/NDF: 13917497942046784107389416795645201612 8.0/14

Right: -39.055+/-0.000 χ^2/NDF: 3309473445481991

Left Out: 2180.972+/-0.000 χ^2/NDF:5987032261219997887471511740263474135 04.0/11

In: -686.275+/-0.000 χ^2/NDF:5438324784011715

Right Out: -1508.451+/-0.000 χ^2/NDF: 2500851637704250506057634469857156 13696.0/15

Out: 627.408+/-0.000 χ^2/NDF:6104805948721339

Left In: -2201.571+/-0.000 χ^2/NDF:1569291241796909306190302290979627991 04.0/10

All: -27.145+/-0.000 χ^2/NDF: 129051743087

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:4574476839704944545212412198160380723 2.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_atr1_coil4_mean vs Slug, Sign Corrected

Left: 119.834+/-0.000 χ^2/NDF: 4903379943357671

Right In: -1374.510+/-0.000 χ^2/NDF: 3072775774026573120755024580495322120192.0/14

Right: -55.518+/-0.000 χ^2/NDF: 1641580107615579

Left Out: -1191.069+/-0.000 χ^2/NDF:1015662132878322627077441101495867015168.0/11

In: 267.494+/-0.000 χ^2/NDF:6799621290562421

Right Out: 1227.879+/-0.000 χ^2/NDF: 1111531299992662339646645021844862245273 6.0/15

Out: -172.484+/-0.000 χ^2/NDF:143903749815765

Left In: 1420.806+/-0.000 χ^2/NDF:7479870857859201626379169322173611376 64.0/10

All: 46.739+/-0.000 χ^2/NDF: 2134277804715

dit_atr1_coil4_err_mean vs Slug, Sign Corrected

Left: 3.378+/-0.000 χ^2/NDF: 372215236119872011

Right In: 507.809+/-0.000 χ^2/NDF: 641399279684440545968596134682207191 04.0/14

Right: -42.141+/-0.000 χ^2/NDF: 692705775128653

Left Out: 447.436+/-0.000 χ^2/NDF:706907202896977463868898574275182592 0.0/11

In: -47.369+/-0.000 χ^2/NDF:40955291948460460

Right Out: -577.250+/-0.000 χ^2/NDF: 241288780642623391683958641535574081536.0/15

Out: 15.955+/-0.000 χ^2/NDF:6537934259860128 7

Left In: -437.315+/-0.000 χ^2/NDF:48746775249687422755607612939860705 28.0/10

All: -15.597+/-0.000 χ^2/NDF: 106651113090

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485 3376.0/10

All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_atr2_coil4_mean vs Slug, Sign Corrected

Left: -806.637+/-0.000 χ^2/NDF: 136711048094445
Right In: 30277.649+/-0.000 χ^2/NDF: 309759746415241424530900225407605192785 92.0/14
Right: 285.980+/-0.000 χ^2/NDF: 122974265906167
Left Out: 26400.073+/-0.000 χ^2/NDF:852345353206654257424343989900837650432 0.0/11
In: -3842.144+/-0.000 χ^2/NDF:132338595511608
Right Out: -28896.318+/-0.000 χ^2/NDF: 469695040580103591462505602284097141473 28.0/15
Out: 3115.545+/-0.000 χ^2/NDF:123617666478077
Left In: -27807.237+/-0.000 χ^2/NDF:619305862021989967883513981580364218368 0.0/10
All: -351.178+/-0.000 χ^2/NDF: 25977693003

dit_atr2_coil4_err_mean vs Slug, Sign Corrected

Left: 39.262+/-0.000 χ^2/NDF: 7950641036377747
Right In: 1909.434+/-0.000 χ^2/NDF: 876369740942116715241776501658694451 20.0/14
Right: -312.249+/-0.000 χ^2/NDF: 94418650101321
Left Out: 2049.063+/-0.000 χ^2/NDF:4437211009992955156726740363485097492 48.0/11
In: -360.767+/-0.000 χ^2/NDF:5908709241409238
Right Out: -2473.977+/-0.000 χ^2/NDF: 3033908025746418121738753286600386412544.0/15
Out: 144.475+/-0.000 χ^2/NDF:113771516901809
Left In: -1955.312+/-0.000 χ^2/NDF:1269090523838381660352940821773476167 68.0/10
All: -107.266+/-0.000 χ^2/NDF: 17487329271

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:4574476839704944545212412198160380723 2.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_sam1_coil4_mean vs Slug, Sign Corrected

Left: 238.400+/-0.000 χ^2/NDF: 9751063726876122

Right In: -13233.367+/-0.000 χ^2/NDF: 412570438362130433675968665594996405043 20.0/14

Right: 600.026+/-0.000 χ^2/NDF: 330784909470012

Left Out: -7034.420+/-0.000 χ^2/NDF:586087700252049179265432435380023459840.0/11

In: -1080.099+/-0.000 χ^2/NDF:204729341611961

Right Out: 14060.103+/-0.000 χ^2/NDF: 444905947542801617664055569157113868451 84.0/15

Out: 1848.185+/-0.000 χ^2/NDF:216898943456081

Left In: 7456.124+/-0.000 χ^2/NDF:284554324589778558842129447316923351040.0/10

All: 389.145+/-0.000 χ^2/NDF: 42839590494 8

dit_sam1_coil4_err_mean vs Slug, Sign Corrected

Left: -2.324+/-0.000 χ^2/NDF: 11443199732666007

Right In: 136.711+/-0.000 χ^2/NDF: 2687065030885227126291764267456659456.0/14

Right: -2.614+/-0.000 χ^2/NDF: 3077400704218916

Left Out: 75.033+/-0.000 χ^2/NDF:2656978002749540884156088723743703 04.0/11

In: 9.943+/-0.000 χ^2/NDF:206859679115450716

Right Out: -138.179+/-0.000 χ^2/NDF: 323088335287863633464161356189846 7328.0/15

Out: -14.747+/-0.000 χ^2/NDF:2105017131022342

Left In: -79.096+/-0.000 χ^2/NDF:2439753422181147683262707808096747 52.0/10

All: -2.445+/-0.000 χ^2/NDF: 4221727121021

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:4574476839704944545212412198160380723 2.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_sam2_coil4_mean vs Slug, Sign Corrected

Left: 962.319+/-0.000 χ^2/NDF: 2297605791567623

Right In: -50695.424+/-0.000 χ^2/NDF: 2266135852539085766830777611321883555266 56.0/14

Right: 1245.090+/-0.000 χ^2/NDF: 3962919537137 9

Left Out: -34292.100+/-0.000 χ^2/NDF:2027312940399082078986610590811666409062 4.0/11

In: 200.989+/-0.000 χ^2/NDF:3095190058444941 0

Right Out: 51783.912+/-0.000 χ^2/NDF: 2817896177291319962711541984726174788485 12.0/15

Out: 1953.291+/-0.000 χ^2/NDF:3162973219587 90

Left In: 35949.660+/-0.000 χ^2/NDF:6535777806152232441815832130596699635712.0/10

All: 1080.193+/-0.000 χ^2/NDF: 6260586691 3

dit_sam2_coil4_err_mean vs Slug, Sign Corrected

Left: 23.400+/-0.000 χ^2/NDF: 1211723110123337
Right In: 1154.331+/-0.000 χ^2/NDF: 2492704725634707032327379103946 63731200.0/14
Right: 0.631+/-0.000 χ^2/NDF: 2179785627897997 3
Left Out: 810.109+/-0.000 χ^2/NDF:49902289627136601603211934324001603584.0/11
In: 31.386+/-0.000 χ^2/NDF:1673522645292724 97
Right Out: -1121.934+/-0.000 χ^2/NDF: 2261593356395673381798116440 02797617152.0/15
Out: -3.447+/-0.000 χ^2/NDF:1717426352651137 4
Left In: -757.349+/-0.000 χ^2/NDF:3103655749085336217336361224182851 1744.0/10
All: 13.909+/-0.000 χ^2/NDF: 3391906593651

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:4574476839704944545212412198160380723 2.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_sam3_coil4_mean vs Slug, Sign Corrected

Left: -130.638+/-0.000 χ^2/NDF: 273254041093418
Right In: 3117.914+/-0.000 χ^2/NDF: 1552738593335565674554918493159210090496.0/14
Right: 184.985+/-0.000 χ^2/NDF: 137039743554262
Left Out: 3714.902+/-0.000 χ^2/NDF:2496524034929409624753633728821272248 32.0/11
In: -1032.132+/-0.000 χ^2/NDF:206383219815957
Right Out: -2668.794+/-0.000 χ^2/NDF: 1136406286131098596000054422131257114624.0/15
Out: 1026.818+/-0.000 χ^2/NDF:171216983651116
Left In: -3947.046+/-0.000 χ^2/NDF:5696366101885905707081209513447207 7312.0/10
All: 0.930+/-0.000 χ^2/NDF: 4110582772832

dit_sam3_coil4_err_mean vs Slug, Sign Corrected

Left: 23.972+/-0.000 χ^2/NDF: 5308590722926702

Right In: 552.108+/-0.000 χ^2/NDF: 507390417411591198485239882360018698 24.0/14

Right: 15.643+/-0.000 χ^2/NDF: 4564382403190982

Left Out: 523.267+/-0.000 χ^2/NDF:4970286624499209741038683405949494886 4.0/11

In: -49.195+/-0.000 χ^2/NDF:4758944895830543 1

Right Out: -506.345+/-0.000 χ^2/NDF: 37181653297314883501659131806010572800.0/15

Out: 89.712+/-0.000 χ^2/NDF:4962274960791484 1

Left In: -471.540+/-0.000 χ^2/NDF:2568088447782771591494420536636316057 6.0/10

All: 20.500+/-0.000 χ^2/NDF: 9873505575210

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:4574476839704944545212412198160380723 2.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_sam4_coil4_mean vs Slug, Sign Corrected

Left: -1032.708+/-0.000 χ^2/NDF: 33652194023824

Right In: 43039.927+/-0.000 χ^2/NDF: 48397052922561722652666786407552179503104.0/14

Right: 1322.243+/-0.000 χ^2/NDF: 23287829079556

Left Out: 41622.622+/-0.000 χ^2/NDF:28728414397722339003377552504288532496384.0/11

In: -7715.351+/-0.000 χ^2/NDF:290679667494142

Right Out: -39269.627+/-0.000 χ^2/NDF: 51873036517757666237545716605051585167360.0/15

Out: 7560.040+/-0.000 χ^2/NDF:260730216832063

Left In: -43364.892+/-0.000 χ^2/NDF:12209695723681592241000188414954802511872.0/10

All: -51.044+/-0.000 χ^2/NDF: 569825828480

dit_sam4_coil4_err_mean vs Slug, Sign Corrected

Left: 33.060+/-0.000 χ^2/NDF: 16296625805800511

Right In: 813.500+/-0.000 χ^2/NDF: 671209168165482376389487875183513436 16.0/14

Right: 25.157+/-0.000 χ^2/NDF: 9069972726032984

Left Out: 902.421+/-0.000 χ^2/NDF:1527183260740364257606922814228151664 64.0/11

In: -151.745+/-0.000 χ^2/NDF:1192581949846065

Right Out: -741.911+/-0.000 χ^2/NDF: 4407413439721540923560474643267164 5696.0/15

Out: 210.016+/-0.000 χ^2/NDF:1240836958333557

Left In: -829.715+/-0.000 χ^2/NDF:9607783607162304834174951226091765 7600.0/10

All: 29.766+/-0.000 χ^2/NDF: 2536707777757

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:4574476839704944545212412198160380723 2.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_sam5_coil4_mean vs Slug, Sign Corrected

Left: -803.129+/-0.000 χ^2/NDF: 132413113265700

Right In: 23411.506+/-0.000 χ^2/NDF: 284274574717803193528857465713157084282 88.0/14

Right: 955.690+/-0.000 χ^2/NDF: 701538889846229

Left Out: 26004.082+/-0.000 χ^2/NDF:7839626408572155503333833682521065259008.0/11

In: -6440.074+/-0.000 χ^2/NDF:101629631311626

Right Out: -20894.122+/-0.000 χ^2/NDF: 274089658045786491070029094099872183746 56.0/15

Out: 6255.912+/-0.000 χ^2/NDF:884531572678742

Left In: -27407.255+/-0.000 χ^2/NDF:332265985886609385842655745683846542131 2.0/10

All: -69.963+/-0.000 χ^2/NDF: 202804400443

dit_sam5_coil4_err_mean vs Slug, Sign Corrected

Left: 4.659+/-0.000 χ^2/NDF: 67329537707792057

Right In: 198.056+/-0.000 χ^2/NDF: 2482928792293864415922382990034862080.0/14

Right: 11.079+/-0.000 χ^2/NDF: 4866728486717223

Left Out: 192.452+/-0.000 χ^2/NDF:1667687947841400069416399021327515648.0/11

In: -25.024+/-0.000 χ^2/NDF:58693744329544084

Right Out: -170.851+/-0.000 χ^2/NDF: 1418314816915016425155520631536615424.0/15

Out: 39.470+/-0.000 χ^2/NDF:5405184251438931

Left In: -181.711+/-0.000 χ^2/NDF:1228549704796737698218369408017891328.0/10

All: 7.335+/-0.000 χ^2/NDF: 116028455108

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485 3376.0/10

All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_sam6_coil4_mean vs Slug, Sign Corrected

Left: -787.099+/-0.000 χ^2/NDF: 816824230901202

Right In: 15125.834+/-0.000 χ^2/NDF: 1661543876766406915174466838076324629708 8.0/14

Right: 626.147+/-0.000 χ^2/NDF: 30173637195947 2

Left Out: 20266.540+/-0.000 χ^2/NDF:486366022475247073917224269545411182592 0.0/11

In: -6495.105+/-0.000 χ^2/NDF:535200786769425

Right Out: -13482.244+/-0.000 χ^2/NDF: 1591042647540782525025224874981002208870 4.0/15

Out: 6055.404+/-0.000 χ^2/NDF:460575135177264

Left In: -21681.241+/-0.000 χ^2/NDF:2108874573649202621711530332866310307840.0/10

All: -197.985+/-0.000 χ^2/NDF: 1120093349 7

dit_sam6_coil4_err_mean vs Slug, Sign Corrected

Left: 0.258+/-0.000 χ^2/NDF: 15948246710359558

Right In: 232.312+/-0.000 χ^2/NDF: 5478184144885833956204804001180418048.0/14

Right: 10.849+/-0.000 χ^2/NDF: 7283570791033899

Left Out: 288.949+/-0.000 χ^2/NDF:3144080021405635930356092886432350208.0/11

In: -72.296+/-0.000 χ^2/NDF:1120593523340345

Right Out: -204.637+/-0.000 χ^2/NDF: 4555067046835230017930882867882098688.0/15

Out: 81.107+/-0.000 χ^2/NDF:1017722700549251

Left In: -286.246+/-0.000 χ^2/NDF:4067110443230234744644750983181631488.0/10

All: 4.673+/-0.000 χ^2/NDF: 2324042651165

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485 3376.0/10

All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_sam7_coil4_mean vs Slug, Sign Corrected

Left: 76.614+/-0.000 χ^2/NDF: 3366914174331423

Right In: -1264.303+/-0.000 χ^2/NDF: 1402152515385026575491739945439319818 24.0/14

Right: -16.067+/-0.000 χ^2/NDF: 226649511001664

Left Out: -1269.744+/-0.000 χ^2/NDF:5141110974922071048895626105563434188 8.0/11

In: 308.244+/-0.000 χ^2/NDF:2876034416148533

Right Out: 1198.483+/-0.000 χ^2/NDF: 1311647638980167935154922176961671331 84.0/15

Out: -230.408+/-0.000 χ^2/NDF:253497117304588

Left In: 1412.771+/-0.000 χ^2/NDF:3642959557366432228461510163957809152.0/10

All: 37.980+/-0.000 χ^2/NDF: 5640001192745

dit_sam7_coil4_err_mean vs Slug, Sign Corrected

Left: 2.654+/-0.000 χ^2/NDF: 5285226415188617 60

Right In: 171.323+/-0.000 χ^2/NDF: 6120975075187305509795143064993398784.0/14

Right: 5.426+/-0.000 χ^2/NDF: 4704270819776107 6

Left Out: 165.375+/-0.000 χ^2/NDF:2622335351174785803279271276281069568.0/11

In: -22.615+/-0.000 χ^2/NDF:4952961248607561 7

Right Out: -155.993+/-0.000 χ^2/NDF: 5680659281504595852021524727244783616.0/15

Out: 30.051+/-0.000 χ^2/NDF:4818210248860220 9

Left In: -158.834+/-0.000 χ^2/NDF:1853310895668256586520412981739651072.0/10

All: 3.810+/-0.000 χ^2/NDF: 9990086887008 6

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:4574476839704944545212412198160380723 2.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_sam8_coil4_mean vs Slug, Sign Corrected

Left: -78.685+/-0.000 χ^2/NDF: 2837029478342244

Right In: 907.442+/-0.000 χ^2/NDF: 2107238007691848638499662178406566461440.0/14

Right: 193.746+/-0.000 χ^2/NDF: 483370034209518

Left Out: 1131.794+/-0.000 χ^2/NDF:9232746431894252930207975420498385305 6.0/11

In: -377.486+/-0.000 χ^2/NDF:3998973168088028

Right Out: -500.689+/-0.000 χ^2/NDF: 2074232918749953174436803426379074895872.0/15

Out: 444.379+/-0.000 χ^2/NDF:319561238591264 0

Left In: -1279.995+/-0.000 χ^2/NDF:6759230470388403202855923944878243840 0.0/10

All: 34.878+/-0.000 χ^2/NDF: 7727687301176

dit_sam8_coil4_err_mean vs Slug, Sign Corrected

Left: 1.010+/-0.000 χ^2/NDF: 36278772588722516

Right In: 116.159+/-0.000 χ^2/NDF: 11985264274851997853965041272881152 00.0/14

Right: 4.320+/-0.000 χ^2/NDF: 1850075643090107 2

Left Out: 133.258+/-0.000 χ^2/NDF:2355510699309539172490444744349974528.0/11

In: -28.577+/-0.000 χ^2/NDF:2631219864745966 1

Right Out: -104.501+/-0.000 χ^2/NDF: 1285986383644058507445602420764180480.0/15

Out: 33.141+/-0.000 χ^2/NDF:2546942447109710 9

Left In: -130.237+/-0.000 χ^2/NDF:1968814259217478663576054483231178752.0/10

All: 2.390+/-0.000 χ^2/NDF: 5478793932832 8

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:4574476839704944545212412198160380723 2.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_4aX_coil6_mean vs Slug, Sign Corrected

Left: -0.255+/-0.000 χ^2/NDF: 22154610760613794

Right In: 2.123+/-0.000 χ^2/NDF: 526370592282107597102201384940339 2.0/14

Right: -0.039+/-0.000 χ^2/NDF: 1371901956190569

Left Out: 2.966+/-0.000 χ^2/NDF:1657147599544170270871306245242880 0/11

In: -1.151+/-0.000 χ^2/NDF:186566302459324539

Right Out: -2.142+/-0.000 χ^2/NDF: 2472949940993672466161692257026048.0/15

Out: 0.815+/-0.000 χ^2/NDF:14202640971771183

Left In: -3.450+/-0.000 χ^2/NDF:1551935058842125730993767819771904.0/10

All: -0.165+/-0.000 χ^2/NDF: 3590940357981

dit_4aX_coil6_err_mean vs Slug, Sign Corrected

Right In: 4.495+/-0.000 χ^2/NDF: 252702422198160615323291986344017 92.0/14

Left Out: 1.375+/-0.000 χ^2/NDF:1458241370571230983290321486479 36.0/11

Right Out: -3.852+/-0.000 χ^2/NDF: 1231497147655680655051884763860 1728.0/15

Left In: -1.482+/-0.000 χ^2/NDF:3103377104757794957745094058311 68.0/10

Left: -0.059+/-0.000 χ^2/NDF: 4211101506368407 8

Right: 0.264+/-0.000 χ^2/NDF: 6050582364888339 6

In: 0.984+/-0.000 χ^2/NDF:391989386496345964 4

Out: -0.826+/-0.000 χ^2/NDF:2301068366113977 9

All: 0.076+/-0.000 χ^2/NDF: 6479710466676 6

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.161+/-0.000 χ^2/NDF: 2747267695574641

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_4eX_coil6_mean vs Slug, Sign Corrected

Left: -0.273+/-0.000 χ^2/NDF: 16311566475145248

Right In: 1.480+/-0.000 χ^2/NDF: 579967069590278445905576798768332 8.0/14

Right: -0.020+/-0.000 χ^2/NDF: 1277469544314031

Left Out: 2.290+/-0.000 χ^2/NDF:207820393462333940746674150519603 2.0/11

In: -1.044+/-0.000 χ^2/NDF:150671870172542634

Right Out: -1.480+/-0.000 χ^2/NDF: 409264580061376557266298782036787 2.0/15

Out: 0.703+/-0.000 χ^2/NDF:116608474074647254

Left In: -2.816+/-0.000 χ^2/NDF:223079023457958178188476021945139 2.0/10

All: -0.167+/-0.000 χ^2/NDF: 2913510232132

dit_4eX_coil6_err_mean vs Slug, Sign Corrected

Left: -0.055+/-0.000 χ^2/NDF: 36513090822130209

Right In: 4.424+/-0.000 χ^2/NDF: 28257459272876210608839830473277440.0/14

Right: 0.293+/-0.000 χ^2/NDF: 64106471830391853

Left Out: 1.287+/-0.000 χ^2/NDF:115572710425974542014826355359744.0/11

In: 1.011+/-0.000 χ^2/NDF:413792347389337208

Right Out: -3.727+/-0.000 χ^2/NDF: 13991816814749842519794284853460992.0/15

Out: -0.825+/-0.000 χ^2/NDF:23813511461717298

Left In: -1.387+/-0.000 χ^2/NDF:24538120591373436894782956136038 4.0/10

All: 0.090+/-0.000 χ^2/NDF: 6785091509163

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.161+/-0.000 χ^2/NDF: 2747267695574641

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_11X12X_coil6_mean vs Slug, Sign Corrected

Right In: 4.785+/-0.000 χ^2/NDF: 399655607315477971180815947032166 4.0/14

Left Out: 5.524+/-0.000 χ^2/NDF:1037921325796141419900309275148288.0/11

Right Out: -4.598+/-0.000 χ^2/NDF: 989607156792948633247632779640832.0/15

Left In: -5.441+/-0.000 χ^2/NDF:969147874620390855399339032838144.0/10

Left: 0.021+/-0.000 χ^2/NDF: 573394436262416709

Right: 0.029+/-0.000 χ^2/NDF: 3394856656842674 2

In: -1.222+/-0.000 χ^2/NDF:448312824685683470

Out: 1.262+/-0.000 χ^2/NDF:415897232450065641

All: 0.024+/-0.000 χ^2/NDF: 9128806721402 5

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected

Left: 0.037+/-0.000 χ^2/NDF: 950272728829768938

Right In: 5.366+/-0.000 χ^2/NDF: 1878072472206349709615300930122547 2.0/14

Right: 0.015+/-0.000 χ^2/NDF: 7119941384422655 3

Left Out: 2.251+/-0.000 χ^2/NDF:4012149072617451650055666645370880.0/11

In: 0.944+/-0.000 χ^2/NDF:4052171462043791024

Right Out: -5.192+/-0.000 χ^2/NDF: 1574957375494534575443243695289139 2.0/15

Out: -0.883+/-0.000 χ^2/NDF:3754577689592237 6

Left In: -2.162+/-0.000 χ^2/NDF:1383679388391032485467510496296 96.0/10

All: 0.027+/-0.000 χ^2/NDF: 8070250649078 2

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected

Left: -39.161+/-0.000 χ^2/NDF: 2747267695574641

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1167.974+/-0.000 χ^2/NDF:5461013878387043094640520569275 6525056.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022 3672320.0/10

All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_4aY_coil6_mean vs Slug, Sign Corrected

Left: -2.008+/-0.000 χ^2/NDF: 3101151247889971
Right In: 22.385+/-0.000 χ^2/NDF: 192226086002359263779409418332300902 4.0/14
Right: 1.456+/-0.000 χ^2/NDF: 4665324367634426 7
Left Out: 38.679+/-0.000 χ^2/NDF:500758788978112734847872895371182 08.0/11
In: -15.663+/-0.000 χ^2/NDF:3548177863491728 1
Right Out: -18.907+/-0.000 χ^2/NDF: 2182221808408156293593993992757837824.0/15
Out: 14.430+/-0.000 χ^2/NDF:3512784918631230 1
Left In: -42.386+/-0.000 χ^2/NDF:2655566012856298655301692748621414 4.0/10
All: -0.564+/-0.000 χ^2/NDF: 7775684601059

dit_4aY_coil6_err_mean vs Slug, Sign Corrected

Left: 0.010+/-0.000 χ^2/NDF: 30803391704531588

Right In: 1.384+/-0.000 χ^2/NDF: 157115932410206412048794093669580 8.0/14

Right: 0.104+/-0.000 χ^2/NDF: 4480295700772902 3

Left Out: 0.411+/-0.000 χ^2/NDF:9428610492078012186649224544256.0/11

In: 0.343+/-0.000 χ^2/NDF:2773530065340727089

Right Out: -1.142+/-0.000 χ^2/NDF: 810680738285448955223066212827136.0/15

Out: -0.243+/-0.000 χ^2/NDF:1750878905218747 0

Left In: -0.389+/-0.000 χ^2/NDF:4468112130112640641394154668032.0/10

All: 0.049+/-0.000 χ^2/NDF: 4795150144760 7

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected

Left: -39.161+/-0.000 χ^2/NDF: 2747267695574641

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1167.974+/-0.000 χ^2/NDF:5461013878387043094640520569275 6525056.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022 3672320.0/10

All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_4eY_coil6_mean vs Slug, Sign Corrected

Left: 0.115+/-0.000 χ^2/NDF: 87711770003502478

Right In: -19.175+/-0.000 χ^2/NDF: 1246364705689764961102868160463241216.0/14

Right: -0.091+/-0.000 χ^2/NDF: 3202145485356183

Left Out: -20.399+/-0.000 χ^2/NDF:5979587484613201607462578639654092 8.0/11

In: 4.115+/-0.000 χ^2/NDF:189413859306817838

Right Out: 18.479+/-0.000 χ^2/NDF: 1489398115046175180640331393369374720.0/15

Out: -4.028+/-0.000 χ^2/NDF:21328298353726143

Left In: 20.473+/-0.000 χ^2/NDF:484849533633498201103484789373009 92.0/10

All: 0.029+/-0.000 χ^2/NDF: 4079295578593

dit_4eY_coil6_err_mean vs Slug, Sign Corrected

Left: 0.005+/-0.000 χ^2/NDF: 27052146474179585

Right In: 1.274+/-0.000 χ^2/NDF: 1212041476631073599154045304438784.0/14

Right: 0.095+/-0.000 χ^2/NDF: 3598732831032468

Left Out: 0.383+/-0.000 χ^2/NDF:58049055504205289104265277603 84.0/11

In: 0.309+/-0.000 χ^2/NDF:224568466689180780

Right Out: -1.052+/-0.000 χ^2/NDF: 607316121057753919194559126962176.0/15

Out: -0.221+/-0.000 χ^2/NDF:14081915180043032

Left In: -0.369+/-0.000 χ^2/NDF:41663506388481386767078161 12128.0/10

All: 0.043+/-0.000 χ^2/NDF: 3875429201938

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.161+/-0.000 χ^2/NDF: 2747267695574641

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_usl_coil6_mean vs Slug, Sign Corrected

Left: 67.567+/-0.000 χ^2/NDF: 21019070603536878
Right In: -697.283+/-0.000 χ^2/NDF: 490435790698133828475769692944364208128.0/14
Right: 88.833+/-0.000 χ^2/NDF: 2360125827736184
Left Out: -1050.953+/-0.000 χ^2/NDF:36829070766461393403765229942747430912.0/10
In: 356.413+/-0.000 χ^2/NDF:17405137132721450
Right Out: 853.734+/-0.000 χ^2/NDF: 107837902012641231715593227515620176691 2.0/15
Out: -213.493+/-0.000 χ^2/NDF:247104056165344
Left In: 1096.508+/-0.000 χ^2/NDF:233970924640850923750080146745579274 24.0/10
All: 76.624+/-0.000 χ^2/NDF: 4462374559981

dit_usl_coil6_err_mean vs Slug, Sign Corrected

Left: -8.382+/-0.000 χ^2/NDF: 36300457914092733

Right In: 329.108+/-0.000 χ^2/NDF: 116863820700538623524207945698672377856.0/14

Right: -3.278+/-0.000 χ^2/NDF: 3459018192319126

Left Out: 136.529+/-0.000 χ^2/NDF:986372818283314141100082094359445504.0/10

In: 52.557+/-0.000 χ^2/NDF:20240803637991835

Right Out: -326.695+/-0.000 χ^2/NDF: 875691233543180206886110284151079424.0/15

Out: -67.143+/-0.000 χ^2/NDF:1687492144222724

Left In: -141.688+/-0.000 χ^2/NDF:1044882408057849194081424130600599552.0/10

All: -6.209+/-0.000 χ^2/NDF: 3822219588466

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1165.293+/-0.000 χ^2/NDF:5452652645472732695761949382749559193 6.0/10

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10

Left: -86.036+/-0.000 χ^2/NDF: 2640160013842335

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 225.356+/-0.000 χ^2/NDF:184136487145433 2

All: -46.515+/-0.000 χ^2/NDF: 405416159509

dit_usr_coil6_mean vs Slug, Sign Corrected

Left: -16.142+/-0.000 χ^2/NDF: 6513466746127000
Right In: -444.512+/-0.000 χ^2/NDF: 396481903501593703066535851229953654784.0/14
Right: -13.070+/-0.000 χ^2/NDF: 116395703795034
Left Out: -577.377+/-0.000 χ^2/NDF:331819834558311535858388162900435927 04.0/11
In: 134.297+/-0.000 χ^2/NDF:8092974397051261
Right Out: 406.729+/-0.000 χ^2/NDF: 529122421866774810012941782239129108480.0/15
Out: -162.984+/-0.000 χ^2/NDF:936263608973965
Left In: 540.842+/-0.000 χ^2/NDF:426701933174978179110303674663666974 72.0/10
All: -14.861+/-0.000 χ^2/NDF: 181531095518

dit_usr_coil6_err_mean vs Slug, Sign Corrected

Left: -1.473+/-0.000 χ^2/NDF: 35711226201066050
Right In: 442.162+/-0.000 χ^2/NDF: 204015999343694089140945697316947361792.0/14
Right: 18.346+/-0.000 χ^2/NDF: 5398999467995186
Left Out: 134.122+/-0.000 χ^2/NDF:110815029602817858746334247645505126 4.0/11
In: 102.519+/-0.000 χ^2/NDF:3324792030210218 2
Right Out: -394.033+/-0.000 χ^2/NDF: 105882611624182009489804426207740035072.0/15
Out: -88.277+/-0.000 χ^2/NDF:2147026412084769
Left In: -136.040+/-0.000 χ^2/NDF:101109306147965052726112745049554 9440.0/10
All: 6.789+/-0.000 χ^2/NDF: 5759125862405 7

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected

Left: -39.161+/-0.000 χ^2/NDF: 2747267695574641

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1167.974+/-0.000 χ^2/NDF:5461013878387043094640520569275 6525056.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022 3672320.0/10

All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_atl1_coil6_mean vs Slug, Sign Corrected

Left: -66.269+/-0.000 χ^2/NDF: 8726546360279991

Right In: 1729.013+/-0.000 χ^2/NDF: 6413121297273347408075624116507964866560.0/14

Right: 162.918+/-0.000 χ^2/NDF: 159853161210173

Left Out: 580.248+/-0.000 χ^2/NDF:7085797843407662400942997921272850022 4.0/11

In: 297.546+/-0.000 χ^2/NDF:8715174091100298 3

Right Out: -1360.914+/-0.000 χ^2/NDF: 643160593314886341303841785018650617446 4.0/15

Out: -237.148+/-0.000 χ^2/NDF:795746504420741

Left In: -707.889+/-0.000 χ^2/NDF:381164861888179806990324260024321310 72.0/10

All: 29.268+/-0.000 χ^2/NDF: 1689828119221

dit_atl1_coil6_err_mean vs Slug, Sign Corrected

Left: -2.474+/-0.000 χ^2/NDF: 3357943194204902
Right In: 617.343+/-0.000 χ^2/NDF: 7923660129859541983453177502687559680 00.0/14
Right: -295.811+/-0.000 χ^2/NDF: 50275218393015
Left Out: 128.916+/-0.000 χ^2/NDF:9464462818899964107363355906193489 92.0/11
In: 176.659+/-0.000 χ^2/NDF:1008021532552816 3
Right Out: -1184.322+/-0.000 χ^2/NDF: 3167423043121242666563535820496559931392.0/15
Out: -424.070+/-0.000 χ^2/NDF:383429647760735
Left In: -132.869+/-0.000 χ^2/NDF:1091839085664014112201463155711279104.0/10
All: -124.752+/-0.000 χ^2/NDF: 51271351902

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected

Left: -39.161+/-0.000 χ^2/NDF: 2747267695574641

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1167.974+/-0.000 χ^2/NDF:5461013878387043094640520569275 6525056.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022 3672320.0/10

All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_atl2_coil6_mean vs Slug, Sign Corrected

Left: 333.844+/-0.000 χ^2/NDF: 8816027635045107
Right In: -4107.443+/-0.000 χ^2/NDF: 1452743632498203145427778083121181963059 2.0/14
Right: 38.278+/-0.000 χ^2/NDF: 5690231407009786
Left Out: -6377.972+/-0.000 χ^2/NDF:462259115495458827520769352633359427174 4.0/11
In: 2414.162+/-0.000 χ^2/NDF:6274970680925114
Right Out: 4072.120+/-0.000 χ^2/NDF: 2036717142369016809577885467876492994150 4.0/15
Out: -1977.586+/-0.000 χ^2/NDF:67157489974478
Left In: 6994.812+/-0.000 χ^2/NDF:1231738289385705389055875270097690951680.0/10
All: 210.636+/-0.000 χ^2/NDF: 14512963200 4

dit_atl2_coil6_err_mean vs Slug, Sign Corrected

Left: -16.982+/-0.000 χ^2/NDF: 9576304721385897
Right In: 1343.321+/-0.000 χ^2/NDF: 1317478352429773686550511077330771771392.0/14
Right: 7.741+/-0.000 χ^2/NDF: 49251444178656230
Left Out: 683.065+/-0.000 χ^2/NDF:46379995695844949663521519572812300288.0/11
In: 136.160+/-0.000 χ^2/NDF:2943372362818716
Right Out: -1291.796+/-0.000 χ^2/NDF: 13235689170088729779059600115869910302 72.0/15
Out: -148.521+/-0.000 χ^2/NDF:287590871599294
Left In: -711.726+/-0.000 χ^2/NDF:1587341997958320730706842924701712384 0.0/10
All: -6.676+/-0.000 χ^2/NDF: 588324395867 0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected

Left: -39.161+/-0.000 χ^2/NDF: 2747267695574641

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1167.974+/-0.000 χ^2/NDF:5461013878387043094640520569275 6525056.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022 3672320.0/10

All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_atr1_coil6_mean vs Slug, Sign Corrected

Left: -35.449+/-0.000 χ^2/NDF: 8532502457359131
Right In: 582.390+/-0.000 χ^2/NDF: 3387965676230320400727919964604900311 04.0/14
Right: 190.108+/-0.000 χ^2/NDF: 270460615635385
Left Out: 603.094+/-0.000 χ^2/NDF:6881003841946300100487857498867997 0816.0/11
In: -152.784+/-0.000 χ^2/NDF:9754243982311555
Right Out: -191.587+/-0.000 χ^2/NDF: 2168762120552346223416743005020716269568.0/15
Out: 268.465+/-0.000 χ^2/NDF:2481424308915495
Left In: -669.155+/-0.000 χ^2/NDF:3948119524056361725384223052261647 9744.0/10
All: 58.575+/-0.000 χ^2/NDF: 3596899884721

dit_atr1_coil6_err_mean vs Slug, Sign Corrected

Left: -2.363+/-0.000 χ^2/NDF: 3946513510382648
Right In: 542.328+/-0.000 χ^2/NDF: 4143788120037955496490340484628170670 08.0/14
Right: -164.982+/-0.000 χ^2/NDF: 36290648240362
Left Out: 141.867+/-0.000 χ^2/NDF:67570148507859400684628208121177 7024.0/11
In: 138.288+/-0.000 χ^2/NDF:5955245908966435
Right Out: -853.203+/-0.000 χ^2/NDF: 2574076381441046787772449137133917044736.0/15
Out: -277.143+/-0.000 χ^2/NDF:295709043506187
Left In: -145.502+/-0.000 χ^2/NDF:7820660356105502729286612818948259 84.0/10
All: -70.151+/-0.000 χ^2/NDF: 368882425713

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.161+/-0.000 χ^2/NDF: 2747267695574641

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_atr2_coil6_mean vs Slug, Sign Corrected

Left: 40.749+/-0.000 χ^2/NDF: 6043476245796298
Right In: -4568.297+/-0.000 χ^2/NDF: 2419505214816571954071311092197775690956 8.0/14
Right: -138.996+/-0.000 χ^2/NDF: 80283768430562
Left Out: -5574.062+/-0.000 χ^2/NDF:1562689011038892047530316656159376801792.0/11
In: 1412.339+/-0.000 χ^2/NDF:649853745086205
Right Out: 4170.773+/-0.000 χ^2/NDF: 3096724883218791204111390955948110302412 8.0/15
Out: -1470.650+/-0.000 χ^2/NDF:69198079726884
Left In: 5613.024+/-0.000 χ^2/NDF:1272210659936261957248133173503170969600.0/10
All: -34.178+/-0.000 χ^2/NDF: 140743325235

dit_atr2_coil6_err_mean vs Slug, Sign Corrected

Left: 0.563+/-0.000 χ^2/NDF: 790778290017267378

Right In: 1556.763+/-0.000 χ^2/NDF: 1139364239218600567191855131756930793472.0/14

Right: -363.793+/-0.000 χ^2/NDF: 14852877470384

Left Out: 640.537+/-0.000 χ^2/NDF:30170658754052148161516421209078628352.0/11

In: 269.551+/-0.000 χ^2/NDF:2982307306619134

Right Out: -2232.520+/-0.000 χ^2/NDF: 899039572553393013487859556970694233292 8.0/15

Out: -569.267+/-0.000 χ^2/NDF:122079062907223

Left In: -634.562+/-0.000 χ^2/NDF:1230844280940303119066955631464284160 0.0/10

All: -151.319+/-0.000 χ^2/NDF: 1574553533

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.161+/-0.000 χ^2/NDF: 2747267695574641

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_sam1_coil6_mean vs Slug, Sign Corrected

Left: 100.475+/-0.000 χ^2/NDF: 9487043627831926
Right In: -337.865+/-0.000 χ^2/NDF: 1515251593300707989166109794076208188620 8.0/14
Right: -99.949+/-0.000 χ^2/NDF: 316982138957514
Left Out: -2155.781+/-0.000 χ^2/NDF:1232193651273252322124109301352518123 52.0/11
In: 1234.934+/-0.000 χ^2/NDF:1794842889484232
Right Out: 131.545+/-0.000 χ^2/NDF: 1647321765107887797637742441995690206822 4.0/15
Out: -1192.620+/-0.000 χ^2/NDF:18616645985625
Left In: 2339.639+/-0.000 χ^2/NDF:6286014424745695754381090628418142208 0.0/10
All: 16.928+/-0.000 χ^2/NDF: 4121608496439

dit_sam1_coil6_err_mean vs Slug, Sign Corrected

Left: -0.702+/-0.000 χ^2/NDF: 12707945014592862

Right In: 113.134+/-0.000 χ^2/NDF: 9989638354332004017458192433874468864.0/14

Right: 5.701+/-0.000 χ^2/NDF: 30279176036436111

Left Out: 25.122+/-0.000 χ^2/NDF:3423655463991049901455558155907891 2.0/11

In: 31.211+/-0.000 χ^2/NDF:174228215351618200

Right Out: -98.833+/-0.000 χ^2/NDF: 5510365308590426333953610701260980224.0/15

Out: -27.074+/-0.000 χ^2/NDF:1147748998241663

Left In: -26.331+/-0.000 χ^2/NDF:1814287340881457348195075804364 8000.0/10

All: 1.967+/-0.000 χ^2/NDF: 3158143311514

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF:5461013878387043094640520569275 6525056.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022 3672320.0/10

Left: -39.161+/-0.000 χ^2/NDF: 2747267695574641

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:1992534711877389

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_sam2_coil6_mean vs Slug, Sign Corrected

Left: 34.951+/-0.000 χ^2/NDF: 4067274758711618
Right In: 6175.493+/-0.000 χ^2/NDF: 1172608771629212239674783490507084524421 12.0/14
Right: 6.138+/-0.000 χ^2/NDF: 3030550742774767
Left Out: 4413.614+/-0.000 χ^2/NDF:2955972864027480615108884679842756296704.0/11
In: 15.865+/-0.000 χ^2/NDF:1618670823869909
Right Out: -5996.727+/-0.000 χ^2/NDF: 1370577107850251365434077101079163568128 00.0/15
Out: 29.967+/-0.000 χ^2/NDF:1818612195983734
Left In: -4310.541+/-0.000 χ^2/NDF:2687248811790643780000086030830396243968.0/10
All: 22.940+/-0.000 χ^2/NDF: 3437284589394

dit_sam2_coil6_err_mean vs Slug, Sign Corrected

Left: -7.038+/-0.000 χ^2/NDF: 13546112038867189
Right In: 1186.846+/-0.000 χ^2/NDF: 17964633128020233036232102646803532349 44.0/14
Right: 69.987+/-0.000 χ^2/NDF: 4321353447769683
Left Out: 256.413+/-0.000 χ^2/NDF:27963779927402105272334458398389043 20.0/11
In: 331.962+/-0.000 χ^2/NDF:2609769726458601 5
Right Out: -1016.732+/-0.000 χ^2/NDF: 9276460034660942495583916910248250572 80.0/15
Out: -279.690+/-0.000 χ^2/NDF:155632876802520
Left In: -268.493+/-0.000 χ^2/NDF:5855734975706547823556607966386847744.0/10
All: 25.070+/-0.000 χ^2/NDF: 446136755272 6

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected

Left: -39.161+/-0.000 χ^2/NDF: 2747267695574641

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1167.974+/-0.000 χ^2/NDF:5461013878387043094640520569275 6525056.0/11

In: -308.706+/-0.000 χ^2/NDF:1992534711877389

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022 3672320.0/10

All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_sam3_coil6_mean vs Slug, Sign Corrected

Left: 35.669+/-0.000 χ^2/NDF: 2616472064555408

Right In: -643.217+/-0.000 χ^2/NDF: 2727269646082066940272851597849253642 24.0/14

Right: -14.605+/-0.000 χ^2/NDF: 989448118075246

Left Out: -1135.033+/-0.000 χ^2/NDF:7378981763218616377663214601635469721 6.0/11

In: 438.045+/-0.000 χ^2/NDF:1603056987163828

Right Out: 597.043+/-0.000 χ^2/NDF: 2107333707980314493635040043190053765 12.0/15

Out: -405.681+/-0.000 χ^2/NDF:144296408406793

Left In: 1197.503+/-0.000 χ^2/NDF:3862472214156096110271057023906663628 8.0/10

All: 14.712+/-0.000 χ^2/NDF: 3607859864595

dit_sam3_coil6_err_mean vs Slug, Sign Corrected

Left: -2.772+/-0.000 χ^2/NDF: 59856871669409725

Right In: 575.526+/-0.000 χ^2/NDF: 432680039285849719493276471277131923456.0/14

Right: 45.250+/-0.000 χ^2/NDF: 1002053890195510

Left Out: 165.815+/-0.000 χ^2/NDF:307773236232955660542687786866363 5968.0/11

In: 137.546+/-0.000 χ^2/NDF:6494694160664590 0

Right Out: -470.716+/-0.000 χ^2/NDF: 209310604291868219806073768764512403456.0/15

Out: -102.219+/-0.000 χ^2/NDF:368839746141427

Left In: -170.082+/-0.000 χ^2/NDF:485116535847865018698307963773465 3952.0/10

All: 17.246+/-0.000 χ^2/NDF: 1063680518716

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected

Left: -39.161+/-0.000 χ^2/NDF: 2747267695574641

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1167.974+/-0.000 χ^2/NDF:5461013878387043094640520569275 6525056.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022 3672320.0/10

All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_sam4_coil6_mean vs Slug, Sign Corrected

Left: 34.492+/-0.000 χ^2/NDF: 8732093678832120
Right In: -4565.412+/-0.000 χ^2/NDF: 3566776824743228998489904272515548787507 2.0/14
Right: -144.626+/-0.000 χ^2/NDF: 10623220696347
Left Out: -6612.752+/-0.000 χ^2/NDF:3759909720266492863199038301551573598208.0/11
In: 2011.723+/-0.000 χ^2/NDF:8629308418563650
Right Out: 4156.859+/-0.000 χ^2/NDF: 4553945544165992715770844309993068219596 8.0/15
Out: -2077.821+/-0.000 χ^2/NDF:94085131574045
Left In: 6631.377+/-0.000 χ^2/NDF:2831140540306304869921468245145345327104.0/10
All: -40.174+/-0.000 χ^2/NDF: 193577765063

dit_sam4_coil6_err_mean vs Slug, Sign Corrected

Left: -5.726+/-0.000 χ^2/NDF: 18447893607708416

Right In: 775.824+/-0.000 χ^2/NDF: 641856726975740612716432458612629045248.0/14

Right: 64.659+/-0.000 χ^2/NDF: 1586988053007642

Left Out: 287.283+/-0.000 χ^2/NDF:105574670743417735594790697446167019 52.0/11

In: 145.919+/-0.000 χ^2/NDF:1097299663662386

Right Out: -627.315+/-0.000 χ^2/NDF: 297517676171111924966086193860621369344.0/15

Out: -97.841+/-0.000 χ^2/NDF:6310731224648516

Left In: -296.514+/-0.000 χ^2/NDF:170618790220164840642952102284445614 08.0/10

All: 23.614+/-0.000 χ^2/NDF: 177526879644

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected

Left: -39.161+/-0.000 χ^2/NDF: 2747267695574641

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1167.974+/-0.000 χ^2/NDF:5461013878387043094640520569275 6525056.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022 3672320.0/10

All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_sam5_coil6_mean vs Slug, Sign Corrected

Left: -62.897+/-0.000 χ^2/NDF: 4023465165308589

Right In: -64.751+/-0.000 χ^2/NDF: 96142234488518141916838173499895589109 76.0/14

Right: -2.927+/-0.000 χ^2/NDF: 2340007670014095

Left Out: -1145.277+/-0.000 χ^2/NDF:97907559634952082197435089781384019968 0.0/11

In: 567.326+/-0.000 χ^2/NDF:1095954142307667

Right Out: 57.229+/-0.000 χ^2/NDF: 13780958977008702301942505454387177979904.0/15

Out: -638.919+/-0.000 χ^2/NDF:153183947889426

Left In: 1011.284+/-0.000 χ^2/NDF:9039094084218741717390015431597956792 32.0/10

All: -37.898+/-0.000 χ^2/NDF: 274263018049

dit_sam5_coil6_err_mean vs Slug, Sign Corrected

Left: 0.791+/-0.000 χ^2/NDF: 68167808461143865
Right In: 121.228+/-0.000 χ^2/NDF: 272317085768436257480063759486130585 6.0/14
Right: 7.708+/-0.000 χ^2/NDF: 21192213294007068
Left Out: 60.042+/-0.000 χ^2/NDF:225194152627424805036116621962248192.0/11
In: 15.941+/-0.000 χ^2/NDF:15148149113250368 6
Right Out: -102.749+/-0.000 χ^2/NDF: 196766802484601033365442767055591833 6.0/15
Out: -8.507+/-0.000 χ^2/NDF:12425831017790004
Left In: -58.011+/-0.000 χ^2/NDF:177427701786540438757655027214450688.0/10
All: 3.674+/-0.000 χ^2/NDF: 28045703074646

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected

Left: -39.161+/-0.000 χ^2/NDF: 2747267695574641

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1167.974+/-0.000 χ^2/NDF:5461013878387043094640520569275 6525056.0/11

In: -308.706+/-0.000 χ^2/NDF:1992534711877389

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022 3672320.0/10

All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_sam6_coil6_mean vs Slug, Sign Corrected

Left: -21.889+/-0.000 χ^2/NDF: 3523677908409777
Right In: 199.503+/-0.000 χ^2/NDF: 3268159745923533825045181664876849790976.0/14
Right: 17.033+/-0.000 χ^2/NDF: 8991370549930185
Left Out: -1131.740+/-0.000 χ^2/NDF:6584346101698590567097339782647963975 68.0/11
In: 716.457+/-0.000 χ^2/NDF:4178153737741059 8
Right Out: -160.512+/-0.000 χ^2/NDF: 5680576709461197901526729703706251493376.0/15
Out: -722.770+/-0.000 χ^2/NDF:670324669914514
Left In: 1079.555+/-0.000 χ^2/NDF:6147343985758774528580327527109120 49152.0/10
All: -5.664+/-0.000 χ^2/NDF: 1251621104913

dit_sam6_coil6_err_mean vs Slug, Sign Corrected

Left: -4.195+/-0.000 χ^2/NDF: 17333934091719658

Right In: 143.764+/-0.000 χ^2/NDF: 45147858695657778499005085918219468 80.0/14

Right: 3.823+/-0.000 χ^2/NDF: 32765016379949297

Left Out: 90.584+/-0.000 χ^2/NDF:300208511037372941883923935499649024.0/11

In: 1.598+/-0.000 χ^2/NDF:274659541456019497 0

Right Out: -132.341+/-0.000 χ^2/NDF: 317408790879624528768235991428235 2640.0/15

Out: -3.286+/-0.000 χ^2/NDF:22663513410864161

Left In: -98.257+/-0.000 χ^2/NDF:620993776773093393033369428470792192.0/10

All: -0.853+/-0.000 χ^2/NDF: 5014829337749

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF:5461013878387043094640520569275652505 6.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10

Left: -39.161+/-0.000 χ^2/NDF: 2747267695574641

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_sam7_coil6_mean vs Slug, Sign Corrected

Left: -8.316+/-0.000 χ^2/NDF: 45410418024076154

Right In: 285.856+/-0.000 χ^2/NDF: 2410824480235553006466331130108628172 8.0/14

Right: 2.840+/-0.000 χ^2/NDF: 17082276741945895

Left Out: 475.235+/-0.000 χ^2/NDF:1307081868746512687407548052152306892 8.0/11

In: -168.836+/-0.000 χ^2/NDF:2663585226046871

Right Out: -272.539+/-0.000 χ^2/NDF: 4414995266507559365033871333357571276 8.0/15

Out: 160.358+/-0.000 χ^2/NDF:273134699643397 9

Left In: -488.203+/-0.000 χ^2/NDF:1382883198035888365328943239197307699 2.0/10

All: -3.665+/-0.000 χ^2/NDF: 6250224533135

dit_sam7_coil6_err_mean vs Slug, Sign Corrected

Left: -1.408+/-0.000 χ^2/NDF: 57476296462672576

Right In: 173.871+/-0.000 χ^2/NDF: 41705473404466232613073704554990665728.0/14

Right: 12.139+/-0.000 χ^2/NDF: 9772897307710637

Left Out: 52.484+/-0.000 χ^2/NDF:14098252231235537526648380267167744 0.0/11

In: 39.493+/-0.000 χ^2/NDF:61956402161347872 4

Right Out: -145.228+/-0.000 χ^2/NDF: 22529615719408594720785265744437837824.0/15

Out: -30.770+/-0.000 χ^2/NDF:3776461617850606

Left In: -54.891+/-0.000 χ^2/NDF:3003582745061136124863381758845911 04.0/10

All: 4.239+/-0.000 χ^2/NDF: 1036174397466 2

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected

Left: -39.161+/-0.000 χ^2/NDF: 2747267695574641

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1167.974+/-0.000 χ^2/NDF:5461013878387043094640520569275 6525056.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022 3672320.0/10

All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_sam8_coil6_mean vs Slug, Sign Corrected

Left: 110.117+/-0.000 χ^2/NDF: 1874506217921654

Right In: -2131.905+/-0.000 χ^2/NDF: 7224333845704950711314506619836705013 76.0/14

Right: -94.234+/-0.000 χ^2/NDF: 683113062504059

Left Out: -3073.640+/-0.000 χ^2/NDF:1873855824368527837793696110009940705 28.0/11

In: 1041.098+/-0.000 χ^2/NDF:1188405782367471

Right Out: 1888.448+/-0.000 χ^2/NDF: 7919866655519806910327198626117698191 36.0/15

Out: -984.175+/-0.000 χ^2/NDF:104869294967123

Left In: 3269.755+/-0.000 χ^2/NDF:3809809618039106243109217623978121 6256.0/10

All: 24.933+/-0.000 χ^2/NDF: 2560823987852

dit_sam8_coil6_err_mean vs Slug, Sign Corrected

Right In: 100.135+/-0.000 χ^2/NDF: 7813910768784473081480373577053110272.0/14

Left Out: 43.850+/-0.000 χ^2/NDF:1419169669218025909826122649666846 72.0/11

Right Out: -78.881+/-0.000 χ^2/NDF: 3525129078433901202304301512966275072.0/15

Left In: -47.092+/-0.000 χ^2/NDF:3025501560868665348054471174028001 28.0/10

Left: -1.794+/-0.000 χ^2/NDF: 4250943762759026 4

Right: 9.403+/-0.000 χ^2/NDF: 2188047710040254 1

In: 13.652+/-0.000 χ^2/NDF:1638001293624855 55

Out: -7.830+/-0.000 χ^2/NDF:9483401834976026 8

All: 2.873+/-0.000 χ^2/NDF: 2622763108466 7

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected

Left: -39.161+/-0.000 χ^2/NDF: 2747267695574641

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1167.974+/-0.000 χ^2/NDF:5461013878387043094640520569275 6525056.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022 3672320.0/10

All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_run_mean vs Slug, Sign Corrected

Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 7035.490+/-0.156 χ^2/NDF:809538.6/16

Right Out: -5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: -7001.833+/-0.126 χ^2/NDF:1324782.8/15

Left: -1480.633+/-0.098 χ^2/NDF: 4894363066.0/32

Right: -1536.191+/-0.111 χ^2/NDF: 2585354230.9/30

In: -2851.647+/-0.103 χ^2/NDF:3350106776.9/30

Out: -140.412+/-0.104 χ^2/NDF:3788415070.6/32

All: -1505.070+/-0.073 χ^2/NDF: 7479858563

dit_run_rms vs Slug, Sign Corrected

Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 7035.490+/-0.156 χ^2/NDF:809538.6/16

Right Out: 5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: 7001.833+/-0.126 χ^2/NDF:1324782.8/15

Left: 7015.071+/-0.098 χ^2/NDF: 2162446.5/32

Right: 5828.993+/-0.111 χ^2/NDF: 2154118.4/30

In: 6603.017+/-0.103 χ^2/NDF:34060494.6/30

Out: 6382.257+/-0.104 χ^2/NDF:32374972.7/32

All: 6493.373+/-0.073 χ^2/NDF: 68698500.4/6

dit_slug_slope vs Slug, Sign Corrected

Left: 155.686+/-0.000 χ^2/NDF: 941111783620467

Right In: 114.980+/-0.000 χ^2/NDF: 112344936246012934714934440230912.0/16

Right: 117.096+/-0.000 χ^2/NDF: 180832885295768

Left Out: 156.796+/-0.000 χ^2/NDF:596329467397399635633186789130 24.0/16

In: 128.720+/-0.000 χ^2/NDF:9481257976530759

Right Out: 120.186+/-0.000 χ^2/NDF: 52233253644261695528198041763840.0/18

Out: 136.036+/-0.000 χ^2/NDF:698022544359747

Left In: 154.594+/-0.000 χ^2/NDF:32593298913636077691501700710400.0/15

All: 131.945+/-0.000 χ^2/NDF: 16994617796

dit_cyclenum_mean vs Slug, Sign Corrected

Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 7827.632+/-0.625 χ^2/NDF:405537.7/16

Right Out: -5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: -7722.016+/-0.517 χ^2/NDF:787865.4/15

Left: -1408.829+/-0.398 χ^2/NDF: 368555544.2/32

Right: -1694.510+/-0.544 χ^2/NDF: 75266282.5/30

In: -4779.031+/-0.453 χ^2/NDF:140406261.5/30

Out: 1814.545+/-0.456 χ^2/NDF:198424463.6/32

All: -1508.524+/-0.321 χ^2/NDF: 444001255.2

dit_cyclenum_rms vs Slug, Sign Corrected

Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 7827.632+/-0.625 χ^2/NDF:405537.7/16

Right Out: 5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: 7722.016+/-0.517 χ^2/NDF:787865.4/15

Left: 7764.896+/-0.398 χ^2/NDF: 1210350.8/32

Right: 5004.922+/-0.544 χ^2/NDF: 372009.4/30

In: 7071.232+/-0.453 χ^2/NDF:7929842.7/30

Out: 6527.930+/-0.456 χ^2/NDF:9685538.5/32

All: 6801.746+/-0.321 χ^2/NDF: 18329441.8/6

dit_scandata1_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_flag_mean vs Slug, Sign Corrected

Right In: 1.000+/-0.000 χ^2/NDF: 95.9/14

Left Out: 1.000+/-0.000 χ^2/NDF:181.6/16

Right Out: -1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: -1.000+/-0.000 χ^2/NDF:1081.3/15

Left: -0.232+/-0.000 χ^2/NDF: 19884905699604819

Right: 0.398+/-0.000 χ^2/NDF: 14173250084479480

In: -0.833+/-0.000 χ^2/NDF:43133924423765883 8

Out: 0.882+/-0.000 χ^2/NDF:19083685631804642 8

All: -0.185+/-0.000 χ^2/NDF: 2191935775032

dit_flag_rms vs Slug, Sign Corrected

Right In: 1.000+/-0.000 χ^2/NDF: 95.9/14

Left Out: 1.000+/-0.000 χ^2/NDF:181.6/16

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: 1.000+/-0.000 χ^2/NDF:1081.3/15

Left: 1.000+/-0.000 χ^2/NDF: 695.4/32

Right: 1.000+/-0.000 χ^2/NDF: 347.8/30

In: 1.000+/-0.000 χ^2/NDF:491.7/30

Out: 1.000+/-0.000 χ^2/NDF:1470.4/32

All: 1.000+/-0.000 χ^2/NDF: 1027.2/63

dit_segment_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1.000+/-0.000 χ^2/NDF:6060.3/12

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 1.000+/-0.000 χ^2/NDF:2452.3/13

Left: 1.000+/-0.000 χ^2/NDF: 10814.3/26

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1.000+/-0.000 χ^2/NDF:2452.3/13

Out: 1.000+/-0.000 χ^2/NDF:6060.3/12

All: 1.000+/-0.000 χ^2/NDF: 10814.3/26

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -5.455+/-0.090 χ^2/NDF:520.5/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -5.127+/-0.089 χ^2/NDF:1041.8/15

Left: -5.289+/-0.063 χ^2/NDF: 1568.9/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -5.127+/-0.089 χ^2/NDF:1041.8/15

Out: -5.455+/-0.090 χ^2/NDF:520.5/16

All: -5.289+/-0.063 χ^2/NDF: 1568.9/32

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -57.563+/-0.141 χ^2/NDF: 3455.9/16

Left Out: -53.449+/-0.067 χ^2/NDF:1168.3/16

Right Out: -57.736+/-0.143 χ^2/NDF: 4698.4/18

Left In: -53.312+/-0.069 χ^2/NDF:1921.9/15

Left: -53.382+/-0.048 χ^2/NDF: 3092.2/32

Right: -57.649+/-0.101 χ^2/NDF: 8155.1/35

In: -54.127+/-0.062 χ^2/NDF:6107.7/32

Out: -54.228+/-0.061 χ^2/NDF:6601.8/35

All: -54.179+/-0.043 χ^2/NDF: 12710.9/68

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 3.168+/-0.258 χ^2/NDF: 186.2/16

Left Out: -7.889+/-0.089 χ^2/NDF:1631.8/16

Right Out: 3.726+/-0.267 χ^2/NDF: 323.3/18

Left In: -8.584+/-0.088 χ^2/NDF:1256.5/15

Left: -8.242+/-0.063 χ^2/NDF: 2919.1/32

Right: 3.437+/-0.185 χ^2/NDF: 511.7/35

In: -7.360+/-0.083 χ^2/NDF:3305.4/32

Out: -6.723+/-0.085 χ^2/NDF:3656.4/35

All: -7.047+/-0.059 χ^2/NDF: 6990.6/68

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 10.306+/-0.157 χ^2/NDF: 3712.3/16

Left Out: 12.003+/-0.077 χ^2/NDF:1559.5/16

Right Out: 10.433+/-0.160 χ^2/NDF: 3828.5/18

Left In: 12.119+/-0.077 χ^2/NDF:2342.1/15

Left: 12.061+/-0.054 χ^2/NDF: 3902.8/32

Right: 10.368+/-0.112 χ^2/NDF: 7541.1/35

In: 11.764+/-0.069 χ^2/NDF:6162.0/32

Out: 11.710+/-0.069 χ^2/NDF:5466.5/35

All: 11.737+/-0.049 χ^2/NDF: 11628.7/68

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.303+/-0.008 χ^2/NDF: 646.6/16

Left Out: 0.463+/-0.003 χ^2/NDF:385.6/16

Right Out: 0.241+/-0.008 χ^2/NDF: 986.7/18

Left In: 0.456+/-0.003 χ^2/NDF:668.6/15

Left: 0.459+/-0.002 χ^2/NDF: 1055.8/32

Right: 0.273+/-0.006 χ^2/NDF: 1660.4/35

In: 0.434+/-0.003 χ^2/NDF:1616.3/32

Out: 0.431+/-0.003 χ^2/NDF:1954.8/35

All: 0.433+/-0.002 χ^2/NDF: 3571.5/68

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -41.820+/-0.559 χ^2/NDF:416.7/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -38.700+/-0.559 χ^2/NDF:425.9/15

Left: -40.260+/-0.395 χ^2/NDF: 858.2/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -38.700+/-0.559 χ^2/NDF:425.9/15

Out: -41.820+/-0.559 χ^2/NDF:416.7/16

All: -40.260+/-0.395 χ^2/NDF: 858.2/32

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -38.309+/-1.137 χ^2/NDF: 1132.7/16

Left Out: -29.448+/-0.406 χ^2/NDF:431.4/16

Right Out: -42.756+/-1.211 χ^2/NDF: 1341.6/18

Left In: -30.155+/-0.412 χ^2/NDF:1227.2/15

Left: -29.796+/-0.289 χ^2/NDF: 1660.1/32

Right: -40.393+/-0.829 χ^2/NDF: 2481.4/35

In: -31.101+/-0.387 χ^2/NDF:2405.4/32

Out: -30.794+/-0.385 χ^2/NDF:1881.6/35

All: -30.947+/-0.273 χ^2/NDF: 4287.2/68

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -114.996+/-2.072 χ^2/NDF: 141.8/16

Left Out: -147.189+/-0.555 χ^2/NDF:708.6/16

Right Out: -112.510+/-2.207 χ^2/NDF: 273.1/18

Left In: -146.857+/-0.550 χ^2/NDF:1072.0/15

Left: -147.022+/-0.391 χ^2/NDF: 1780.8/32

Right: -113.831+/-1.511 χ^2/NDF: 415.6/35

In: -144.759+/-0.532 χ^2/NDF:1434.6/32

Out: -145.125+/-0.538 χ^2/NDF:1214.0/35

All: -144.940+/-0.378 χ^2/NDF: 2648.8/68

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -175.696+/-1.268 χ^2/NDF: 692.9/16

Left Out: -146.195+/-0.467 χ^2/NDF:848.6/16

Right Out: -173.666+/-1.356 χ^2/NDF: 737.7/18

Left In: -142.988+/-0.472 χ^2/NDF:1497.9/15

Left: -144.607+/-0.332 χ^2/NDF: 2369.8/32

Right: -174.749+/-0.926 χ^2/NDF: 1431.8/35

In: -146.964+/-0.442 χ^2/NDF:2775.7/32

Out: -149.108+/-0.442 χ^2/NDF:1953.3/35

All: -148.037+/-0.312 χ^2/NDF: 4740.8/68

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.067+/-0.067 χ^2/NDF: 526.1/16

Left Out: 1.605+/-0.022 χ^2/NDF:307.2/16

Right Out: -0.440+/-0.071 χ^2/NDF: 754.9/18

Left In: 1.590+/-0.022 χ^2/NDF:591.2/15

Left: 1.598+/-0.015 χ^2/NDF: 898.7/32

Right: -0.172+/-0.049 χ^2/NDF: 1308.0/35

In: 1.447+/-0.021 χ^2/NDF:1586.1/32

Out: 1.430+/-0.021 χ^2/NDF:1818.9/35

All: 1.439+/-0.015 χ^2/NDF: 3405.3/68

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -31.720+/-0.228 χ^2/NDF:2159.4/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -30.149+/-0.218 χ^2/NDF:2657.0/15

Left: -30.898+/-0.158 χ^2/NDF: 4841.1/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -30.149+/-0.218 χ^2/NDF:2657.0/15

Out: -31.720+/-0.228 χ^2/NDF:2159.4/16

All: -30.898+/-0.158 χ^2/NDF: 4841.1/32

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -3.754+/-0.495 χ^2/NDF: 165.3/16

Left Out: -3.620+/-0.166 χ^2/NDF:436.2/16

Right Out: -3.954+/-0.507 χ^2/NDF: 123.3/18

Left In: -3.616+/-0.158 χ^2/NDF:554.7/15

Left: -3.618+/-0.115 χ^2/NDF: 990.9/32

Right: -3.852+/-0.354 χ^2/NDF: 288.7/35

In: -3.629+/-0.151 χ^2/NDF:720.1/32

Out: -3.652+/-0.158 χ^2/NDF:559.9/35

All: -3.640+/-0.109 χ^2/NDF: 1280.0/68

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -45.101+/-0.881 χ^2/NDF: 229.9/16

Left Out: -63.860+/-0.228 χ^2/NDF:5203.2/16

Right Out: -42.979+/-0.877 χ^2/NDF: 248.9/18

Left In: -60.656+/-0.216 χ^2/NDF:6570.3/15

Left: -62.171+/-0.157 χ^2/NDF: 11877.8/32

Right: -44.036+/-0.622 χ^2/NDF: 481.6/35

In: -59.776+/-0.210 χ^2/NDF:7094.4/32

Out: -62.542+/-0.220 χ^2/NDF:5982.7/35

All: -61.089+/-0.152 χ^2/NDF: 13159.8/68

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 23.079+/-0.556 χ^2/NDF: 461.1/16

Left Out: 25.316+/-0.191 χ^2/NDF:512.4/16

Right Out: 22.397+/-0.572 χ^2/NDF: 370.3/18

Left In: 25.162+/-0.184 χ^2/NDF:613.8/15

Left: 25.236+/-0.132 χ^2/NDF: 1126.5/32

Right: 22.748+/-0.399 χ^2/NDF: 832.1/35

In: 24.957+/-0.174 χ^2/NDF:1087.6/32

Out: 25.023+/-0.181 χ^2/NDF:906.1/35

All: 24.989+/-0.126 χ^2/NDF: 1993.7/68

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -0.377+/-0.030 χ^2/NDF: 437.1/16

Left Out: 0.197+/-0.009 χ^2/NDF:127.7/16

Right Out: -0.601+/-0.030 χ^2/NDF: 555.6/18

Left In: 0.188+/-0.009 χ^2/NDF:316.1/15

Left: 0.192+/-0.006 χ^2/NDF: 444.4/32

Right: -0.489+/-0.021 χ^2/NDF: 1020.5/35

In: 0.145+/-0.008 χ^2/NDF:1078.6/32

Out: 0.133+/-0.009 χ^2/NDF:1326.7/35

All: 0.139+/-0.006 χ^2/NDF: 2406.4/68

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -59.007+/-0.551 χ^2/NDF:2098.9/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -56.880+/-0.540 χ^2/NDF:2110.5/15

Left: -57.922+/-0.386 χ^2/NDF: 4217.0/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -56.880+/-0.540 χ^2/NDF:2110.5/15

Out: -59.007+/-0.551 χ^2/NDF:2098.9/16

All: -57.922+/-0.386 χ^2/NDF: 4217.0/32

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 24.848+/-0.801 χ^2/NDF: 690.8/16

Left Out: 23.781+/-0.396 χ^2/NDF:1098.0/16

Right Out: 27.648+/-0.810 χ^2/NDF: 1009.2/18

Left In: 24.449+/-0.395 χ^2/NDF:1105.6/15

Left: 24.116+/-0.280 χ^2/NDF: 2205.1/32

Right: 26.231+/-0.570 χ^2/NDF: 1706.0/35

In: 24.527+/-0.354 χ^2/NDF:1796.7/32

Out: 24.528+/-0.356 χ^2/NDF:2125.6/35

All: 24.527+/-0.251 χ^2/NDF: 3922.2/68

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -76.728+/-1.412 χ^2/NDF: 1042.0/16

Left Out: -117.399+/-0.548 χ^2/NDF:2012.0/16

Right Out: -77.773+/-1.352 χ^2/NDF: 871.8/18

Left In: -115.239+/-0.533 χ^2/NDF:2957.3/15

Left: -116.290+/-0.382 χ^2/NDF: 4977.3/32

Right: -77.273+/-0.977 χ^2/NDF: 1914.1/35

In: -110.435+/-0.499 χ^2/NDF:4650.2/32

Out: -111.812+/-0.508 χ^2/NDF:3621.5/35

All: -111.111+/-0.356 χ^2/NDF: 8275.5/68

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 184.271+/-0.914 χ^2/NDF: 5401.0/16

Left Out: 194.248+/-0.460 χ^2/NDF:1733.7/16

Right Out: 177.930+/-0.924 χ^2/NDF: 6330.9/18

Left In: 189.162+/-0.456 χ^2/NDF:1638.9/15

Left: 191.685+/-0.324 χ^2/NDF: 3434.3/32

Right: 181.136+/-0.650 χ^2/NDF: 11755.7/35

In: 188.187+/-0.408 χ^2/NDF:7062.8/32

Out: 191.009+/-0.412 χ^2/NDF:8314.6/35

All: 189.586+/-0.290 χ^2/NDF: 15401.2/68

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -1.196+/-0.048 χ^2/NDF: 623.1/16

Left Out: -0.681+/-0.022 χ^2/NDF:600.8/16

Right Out: -1.385+/-0.046 χ^2/NDF: 924.4/18

Left In: -0.642+/-0.021 χ^2/NDF:1300.7/15

Left: -0.661+/-0.015 χ^2/NDF: 1903.2/32

Right: -1.295+/-0.033 χ^2/NDF: 1555.6/35

In: -0.731+/-0.019 χ^2/NDF:2035.4/32

Out: -0.809+/-0.020 χ^2/NDF:1718.7/35

All: -0.769+/-0.014 χ^2/NDF: 3762.2/68

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -3.623+/-0.259 χ^2/NDF:645.3/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -3.363+/-0.256 χ^2/NDF:839.2/15

Left: -3.491+/-0.182 χ^2/NDF: 1485.0/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -3.363+/-0.256 χ^2/NDF:839.2/15

Out: -3.623+/-0.259 χ^2/NDF:645.3/16

All: -3.491+/-0.182 χ^2/NDF: 1485.0/32

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 60.554+/-0.262 χ^2/NDF: 930.8/16

Left Out: 54.872+/-0.189 χ^2/NDF:847.6/16

Right Out: 59.477+/-0.248 χ^2/NDF: 1317.0/18

Left In: 54.995+/-0.193 χ^2/NDF:1032.8/15

Left: 54.932+/-0.135 χ^2/NDF: 1880.6/32

Right: 59.987+/-0.180 χ^2/NDF: 2256.7/35

In: 56.955+/-0.155 χ^2/NDF:2256.1/32

Out: 56.563+/-0.150 χ^2/NDF:2383.0/35

All: 56.752+/-0.108 χ^2/NDF: 4642.3/68

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 1.914+/-0.458 χ^2/NDF: 121.6/16

Left Out: 9.681+/-0.256 χ^2/NDF:497.5/16

Right Out: 0.960+/-0.424 χ^2/NDF: 149.5/18

Left In: 9.155+/-0.251 χ^2/NDF:947.7/15

Left: 9.414+/-0.179 χ^2/NDF: 1447.3/32

Right: 1.401+/-0.311 χ^2/NDF: 273.4/35

In: 7.476+/-0.220 χ^2/NDF:1261.5/32

Out: 7.354+/-0.219 χ^2/NDF:956.8/35

All: 7.415+/-0.155 χ^2/NDF: 2218.5/68

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 45.344+/-0.303 χ^2/NDF: 25071.0/16

Left Out: 87.594+/-0.217 χ^2/NDF:811.3/16

Right Out: 46.007+/-0.289 χ^2/NDF: 28219.9/18

Left In: 86.672+/-0.220 χ^2/NDF:917.5/15

Left: 87.138+/-0.154 χ^2/NDF: 1737.8/32

Right: 45.691+/-0.209 χ^2/NDF: 53293.4/35

In: 72.460+/-0.178 χ^2/NDF:38175.6/32

Out: 72.625+/-0.174 χ^2/NDF:42242.4/35

All: 72.544+/-0.124 χ^2/NDF: 80418.4/68

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.201+/-0.014 χ^2/NDF: 217.8/16

Left Out: -0.338+/-0.010 χ^2/NDF:722.2/16

Right Out: 0.117+/-0.013 χ^2/NDF: 500.1/18

Left In: -0.301+/-0.010 χ^2/NDF:1557.1/15

Left: -0.319+/-0.007 χ^2/NDF: 2286.3/32

Right: 0.156+/-0.010 χ^2/NDF: 737.1/35

In: -0.138+/-0.008 χ^2/NDF:2638.6/32

Out: -0.170+/-0.008 χ^2/NDF:1992.2/35

All: -0.154+/-0.006 χ^2/NDF: 4638.7/68

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 20.975+/-0.268 χ^2/NDF:408.8/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 19.680+/-0.273 χ^2/NDF:487.0/15

Left: 20.339+/-0.191 χ^2/NDF: 907.3/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 19.680+/-0.273 χ^2/NDF:487.0/15

Out: 20.975+/-0.268 χ^2/NDF:408.8/16

All: 20.339+/-0.191 χ^2/NDF: 907.3/32

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 52.981+/-0.210 χ^2/NDF: 1197.8/16

Left Out: 42.398+/-0.195 χ^2/NDF:859.2/16

Right Out: 53.328+/-0.227 χ^2/NDF: 872.7/18

Left In: 42.725+/-0.204 χ^2/NDF:1541.7/15

Left: 42.554+/-0.141 χ^2/NDF: 2402.3/32

Right: 53.141+/-0.154 χ^2/NDF: 2071.7/35

In: 47.693+/-0.146 χ^2/NDF:3967.5/32

Out: 47.036+/-0.148 χ^2/NDF:3070.0/35

All: 47.368+/-0.104 χ^2/NDF: 7047.5/68

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -2.361+/-0.364 χ^2/NDF: 840.8/16

Left Out: 49.257+/-0.265 χ^2/NDF:1013.2/16

Right Out: -1.035+/-0.377 χ^2/NDF: 507.7/18

Left In: 51.506+/-0.268 χ^2/NDF:914.4/15

Left: 50.371+/-0.189 χ^2/NDF: 1963.2/32

Right: -1.721+/-0.262 χ^2/NDF: 1355.0/35

In: 32.551+/-0.216 χ^2/NDF:15963.1/32

Out: 32.580+/-0.217 χ^2/NDF:13421.0/35

All: 32.565+/-0.153 χ^2/NDF: 29384.1/68

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 0.541+/-0.247 χ^2/NDF: 18423.8/16

Left Out: 69.218+/-0.224 χ^2/NDF:1934.6/16

Right Out: 1.990+/-0.267 χ^2/NDF: 15476.7/18

Left In: 69.250+/-0.232 χ^2/NDF:2618.5/15

Left: 69.233+/-0.161 χ^2/NDF: 4553.1/32

Right: 1.210+/-0.181 χ^2/NDF: 33916.4/35

In: 37.011+/-0.169 χ^2/NDF:62212.6/32

Out: 41.349+/-0.172 χ^2/NDF:54662.4/35

All: 39.146+/-0.120 χ^2/NDF: 117199.4/68

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.105+/-0.011 χ^2/NDF: 400.7/16

Left Out: -0.353+/-0.010 χ^2/NDF:381.9/16

Right Out: 0.088+/-0.011 χ^2/NDF: 391.0/18

Left In: -0.353+/-0.010 χ^2/NDF:948.3/15

Left: -0.353+/-0.007 χ^2/NDF: 1330.2/32

Right: 0.096+/-0.008 χ^2/NDF: 792.9/35

In: -0.138+/-0.008 χ^2/NDF:2263.9/32

Out: -0.146+/-0.008 χ^2/NDF:1621.8/35

All: -0.142+/-0.005 χ^2/NDF: 3886.1/68

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 13.195+/-0.089 χ^2/NDF:2182.4/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 13.339+/-0.089 χ^2/NDF:3145.2/15

Left: 13.267+/-0.063 χ^2/NDF: 5328.9/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 13.339+/-0.089 χ^2/NDF:3145.2/15

Out: 13.195+/-0.089 χ^2/NDF:2182.4/16

All: 13.267+/-0.063 χ^2/NDF: 5328.9/32

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 10.224+/-0.119 χ^2/NDF: 877.6/16

Left Out: 10.612+/-0.064 χ^2/NDF:1780.8/16

Right Out: 11.104+/-0.116 χ^2/NDF: 817.2/18

Left In: 10.448+/-0.065 χ^2/NDF:1768.8/15

Left: 10.531+/-0.046 χ^2/NDF: 3552.8/32

Right: 10.673+/-0.083 χ^2/NDF: 1722.7/35

In: 10.397+/-0.057 χ^2/NDF:2649.1/32

Out: 10.727+/-0.056 χ^2/NDF:2611.7/35

All: 10.564+/-0.040 χ^2/NDF: 5277.8/68

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -72.201+/-0.198 χ^2/NDF: 5566.9/16

Left Out: -49.647+/-0.089 χ^2/NDF:3783.6/16

Right Out: -76.003+/-0.181 χ^2/NDF: 3465.4/18

Left In: -49.068+/-0.088 χ^2/NDF:5038.2/15

Left: -49.355+/-0.062 χ^2/NDF: 8843.4/32

Right: -74.270+/-0.133 χ^2/NDF: 9233.6/35

In: -52.880+/-0.080 χ^2/NDF:22041.0/32

Out: -54.751+/-0.080 χ^2/NDF:24358.6/35

All: -53.823+/-0.057 χ^2/NDF: 46673.4/68

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -16.072+/-0.132 χ^2/NDF: 1640.9/16

Left Out: -17.590+/-0.074 χ^2/NDF:1802.6/16

Right Out: -16.799+/-0.128 χ^2/NDF: 1215.8/18

Left In: -17.691+/-0.075 χ^2/NDF:1708.8/15

Left: -17.640+/-0.053 χ^2/NDF: 3512.2/32

Right: -16.447+/-0.092 χ^2/NDF: 2872.2/35

In: -17.296+/-0.065 χ^2/NDF:3463.2/32

Out: -17.391+/-0.064 χ^2/NDF:3046.9/35

All: -17.344+/-0.046 χ^2/NDF: 6511.1/68

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -0.198+/-0.008 χ^2/NDF: 6338.8/16

Left Out: 0.414+/-0.003 χ^2/NDF:221.8/16

Right Out: -0.237+/-0.007 χ^2/NDF: 6221.9/18

Left In: 0.407+/-0.003 χ^2/NDF:249.3/15

Left: 0.410+/-0.002 χ^2/NDF: 473.2/32

Right: -0.218+/-0.005 χ^2/NDF: 12574.6/35

In: 0.301+/-0.003 χ^2/NDF:11897.3/32

Out: 0.289+/-0.003 χ^2/NDF:13088.6/35

All: 0.295+/-0.002 χ^2/NDF: 24993.5/68

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 4.623+/-0.071 χ^2/NDF:7865.3/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 4.420+/-0.073 χ^2/NDF:10017.5/15

Left: 4.524+/-0.051 χ^2/NDF: 17886.8/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4.420+/-0.073 χ^2/NDF:10017.5/15

Out: 4.623+/-0.071 χ^2/NDF:7865.3/16

All: 4.524+/-0.051 χ^2/NDF: 17886.8/32

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -42.179+/-0.078 χ^2/NDF: 6573.8/16

Left Out: -38.054+/-0.051 χ^2/NDF:6590.0/16

Right Out: -40.052+/-0.073 χ^2/NDF: 11313.5/18

Left In: -37.655+/-0.054 χ^2/NDF:9512.8/15

Left: -37.862+/-0.037 χ^2/NDF: 16131.6/32

Right: -41.045+/-0.053 χ^2/NDF: 18285.9/35

In: -39.110+/-0.044 χ^2/NDF:18382.2/32

Out: -38.720+/-0.042 χ^2/NDF:18405.8/35

All: -38.906+/-0.030 χ^2/NDF: 36828.9/68

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -48.743+/-0.124 χ^2/NDF: 14658.5/16

Left Out: -33.525+/-0.071 χ^2/NDF:7554.6/16

Right Out: -48.091+/-0.107 χ^2/NDF: 11731.5/18

Left In: -33.665+/-0.072 χ^2/NDF:10470.8/15

Left: -33.594+/-0.051 χ^2/NDF: 18027.4/32

Right: -48.369+/-0.081 χ^2/NDF: 26405.8/35

In: -37.438+/-0.062 χ^2/NDF:36139.4/32

Out: -37.983+/-0.059 χ^2/NDF:32093.0/35

All: -37.723+/-0.043 χ^2/NDF: 68272.7/68

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 43.782+/-0.087 χ^2/NDF: 10638.7/16

Left Out: 40.321+/-0.060 χ^2/NDF:5312.0/16

Right Out: 40.530+/-0.080 χ^2/NDF: 17580.7/18

Left In: 40.188+/-0.062 χ^2/NDF:6977.9/15

Left: 40.256+/-0.043 χ^2/NDF: 12292.4/32

Right: 42.031+/-0.059 χ^2/NDF: 28978.3/35

In: 41.392+/-0.050 χ^2/NDF:18761.4/32

Out: 40.396+/-0.048 χ^2/NDF:22897.1/35

All: 40.870+/-0.035 χ^2/NDF: 41865.5/68

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -0.178+/-0.005 χ^2/NDF: 7375.8/16

Left Out: 0.235+/-0.003 χ^2/NDF:994.3/16

Right Out: -0.219+/-0.004 χ^2/NDF: 7470.0/18

Left In: 0.224+/-0.003 χ^2/NDF:1800.4/15

Left: 0.230+/-0.002 χ^2/NDF: 2801.4/32

Right: -0.201+/-0.003 χ^2/NDF: 14886.5/35

In: 0.122+/-0.002 χ^2/NDF:14322.0/32

Out: 0.099+/-0.002 χ^2/NDF:16260.5/35

All: 0.110+/-0.002 χ^2/NDF: 30627.3/68

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -77.083+/-0.512 χ^2/NDF:865.8/15

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -76.339+/-0.499 χ^2/NDF:644.2/15

Left: -76.701+/-0.358 χ^2/NDF: 1511.1/31

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -76.339+/-0.499 χ^2/NDF:644.2/15

Out: -77.083+/-0.512 χ^2/NDF:865.8/15

All: -76.701+/-0.358 χ^2/NDF: 1511.1/31

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 7.063+/-0.434 χ^2/NDF: 446.9/15

Left Out: 2.195+/-0.353 χ^2/NDF:114.9/15

Right Out: 8.816+/-0.449 χ^2/NDF: 350.4/17

Left In: 2.410+/-0.353 χ^2/NDF:134.0/15

Left: 2.302+/-0.250 χ^2/NDF: 249.1/31

Right: 7.909+/-0.312 χ^2/NDF: 805.1/33

In: 4.268+/-0.274 χ^2/NDF:650.1/31

Out: 4.726+/-0.278 χ^2/NDF:599.6/33

All: 4.494+/-0.195 χ^2/NDF: 1251.0/65

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 58.913+/-0.831 χ^2/NDF: 1496.7/15

Left Out: 16.863+/-0.502 χ^2/NDF:1166.5/15

Right Out: 64.803+/-0.840 χ^2/NDF: 1718.2/17

Left In: 16.245+/-0.488 χ^2/NDF:963.2/15

Left: 16.545+/-0.350 χ^2/NDF: 2130.5/31

Right: 61.827+/-0.591 χ^2/NDF: 3239.7/33

In: 27.184+/-0.421 χ^2/NDF:4418.4/31

Out: 29.475+/-0.431 χ^2/NDF:5283.5/33

All: 28.303+/-0.301 χ^2/NDF: 9716.3/65

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 9.583+/-0.501 χ^2/NDF: 554.4/15

Left Out: 19.382+/-0.416 χ^2/NDF:131.6/15

Right Out: 7.516+/-0.516 χ^2/NDF: 569.8/17

Left In: 19.004+/-0.414 χ^2/NDF:363.4/15

Left: 19.192+/-0.294 χ^2/NDF: 495.5/31

Right: 8.579+/-0.359 χ^2/NDF: 1132.5/33

In: 15.184+/-0.319 χ^2/NDF:1128.0/31

Out: 14.698+/-0.324 χ^2/NDF:1021.9/33

All: 14.945+/-0.227 χ^2/NDF: 2151.0/65

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -39.777+/-0.031 χ^2/NDF: 26158.0/15

Left Out: -42.216+/-0.020 χ^2/NDF:131959.8/15

Right Out: -41.651+/-0.031 χ^2/NDF: 94457.5/17

Left In: -41.867+/-0.019 χ^2/NDF:107998.5/15

Left: -42.035+/-0.014 χ^2/NDF: 240116.0/31

Right: -40.710+/-0.022 χ^2/NDF: 122427.7/33

In: -41.285+/-0.016 χ^2/NDF:137423.7/31

Out: -42.051+/-0.017 χ^2/NDF:226649.9/33

All: -41.659+/-0.012 χ^2/NDF: 365138.0/65

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -64.724+/-0.497 χ^2/NDF:945.2/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -65.495+/-0.496 χ^2/NDF:931.6/15

Left: -65.110+/-0.351 χ^2/NDF: 1877.9/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -65.495+/-0.496 χ^2/NDF:931.6/15

Out: -64.724+/-0.497 χ^2/NDF:945.2/16

All: -65.110+/-0.351 χ^2/NDF: 1877.9/32

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 4.894+/-0.621 χ^2/NDF: 295.4/16

Left Out: 1.982+/-0.343 χ^2/NDF:404.3/16

Right Out: 7.565+/-0.652 χ^2/NDF: 270.2/18

Left In: 2.315+/-0.350 χ^2/NDF:369.4/15

Left: 2.145+/-0.245 χ^2/NDF: 774.1/32

Right: 6.165+/-0.450 χ^2/NDF: 574.4/35

In: 2.936+/-0.305 χ^2/NDF:677.8/32

Out: 3.192+/-0.303 χ^2/NDF:732.0/35

All: 3.065+/-0.215 χ^2/NDF: 1410.2/68

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 153.298+/-1.145 χ^2/NDF: 2266.8/16

Left Out: 123.544+/-0.489 χ^2/NDF:1060.4/16

Right Out: 162.747+/-1.177 χ^2/NDF: 1708.7/18

Left In: 123.613+/-0.485 χ^2/NDF:1149.5/15

Left: 123.578+/-0.344 χ^2/NDF: 2209.9/32

Right: 157.893+/-0.820 χ^2/NDF: 4008.6/35

In: 128.131+/-0.447 χ^2/NDF:3986.4/32

Out: 129.309+/-0.451 χ^2/NDF:3716.0/35

All: 128.714+/-0.317 χ^2/NDF: 7705.8/68

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 10.878+/-0.713 χ^2/NDF: 388.1/16

Left Out: 16.003+/-0.404 χ^2/NDF:613.8/16

Right Out: 7.014+/-0.748 χ^2/NDF: 424.5/18

Left In: 15.456+/-0.410 χ^2/NDF:640.1/15

Left: 15.733+/-0.288 χ^2/NDF: 1254.9/32

Right: 9.038+/-0.516 χ^2/NDF: 826.6/35

In: 14.320+/-0.355 χ^2/NDF:1059.2/32

Out: 13.974+/-0.355 χ^2/NDF:1150.2/35

All: 14.147+/-0.251 χ^2/NDF: 2209.8/68

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -41.265+/-0.038 χ^2/NDF: 12570.1/16

Left Out: -40.575+/-0.019 χ^2/NDF:79143.9/16

Right Out: -41.144+/-0.039 χ^2/NDF: 12218.7/18

Left In: -39.629+/-0.019 χ^2/NDF:49470.7/15

Left: -40.096+/-0.014 χ^2/NDF: 129816.7/32

Right: -41.205+/-0.027 χ^2/NDF: 24793.7/35

In: -39.955+/-0.017 χ^2/NDF:63487.9/32

Out: -40.690+/-0.017 χ^2/NDF:91535.4/35

All: -40.318+/-0.012 χ^2/NDF: 155932.1/68

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -0.098+/-0.031 χ^2/NDF:26.3/15

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -0.045+/-0.030 χ^2/NDF:20.2/15

Left: -0.071+/-0.022 χ^2/NDF: 48.0/31

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.045+/-0.030 χ^2/NDF:20.2/15

Out: -0.098+/-0.031 χ^2/NDF:26.3/15

All: -0.071+/-0.022 χ^2/NDF: 48.0/31

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 0.002+/-0.028 χ^2/NDF: 12.5/15

Left Out: -0.083+/-0.021 χ^2/NDF:19.7/15

Right Out: -0.051+/-0.029 χ^2/NDF: 25.8/17

Left In: -0.050+/-0.021 χ^2/NDF:23.4/15

Left: -0.067+/-0.015 χ^2/NDF: 44.3/31

Right: -0.024+/-0.020 χ^2/NDF: 40.0/33

In: -0.032+/-0.017 χ^2/NDF:38.1/31

Out: -0.072+/-0.017 χ^2/NDF:46.3/33

All: -0.051+/-0.012 χ^2/NDF: 87.1/65

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 0.171+/-0.052 χ^2/NDF: 13.7/15

Left Out: 0.088+/-0.030 χ^2/NDF:24.7/15

Right Out: 0.239+/-0.054 χ^2/NDF: 21.8/17

Left In: 0.040+/-0.029 χ^2/NDF:23.6/15

Left: 0.064+/-0.021 χ^2/NDF: 49.6/31

Right: 0.204+/-0.038 χ^2/NDF: 36.3/33

In: 0.072+/-0.026 χ^2/NDF:42.0/31

Out: 0.124+/-0.026 χ^2/NDF:52.4/33

All: 0.097+/-0.018 χ^2/NDF: 96.5/65

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -0.011+/-0.033 χ^2/NDF: 13.8/15

Left Out: 0.104+/-0.025 χ^2/NDF:22.7/15

Right Out: 0.059+/-0.034 χ^2/NDF: 20.6/17

Left In: 0.071+/-0.025 χ^2/NDF:22.0/15

Left: 0.088+/-0.018 χ^2/NDF: 45.6/31

Right: 0.022+/-0.023 χ^2/NDF: 36.5/33

In: 0.041+/-0.020 χ^2/NDF:39.7/31

Out: 0.088+/-0.020 χ^2/NDF:44.5/33

All: 0.064+/-0.014 χ^2/NDF: 87.0/65

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -0.012+/-0.002 χ^2/NDF: 12.9/15

Left Out: -0.008+/-0.001 χ^2/NDF:13.5/15

Right Out: -0.012+/-0.002 χ^2/NDF: 11891.5/17

Left In: -0.010+/-0.001 χ^2/NDF:29.7/15

Left: -0.009+/-0.001 χ^2/NDF: 44.5/31

Right: -0.012+/-0.001 χ^2/NDF: 11904.4/33

In: -0.011+/-0.001 χ^2/NDF:43.2/31

Out: -0.010+/-0.001 χ^2/NDF:11907.9/33

All: -0.010+/-0.001 χ^2/NDF: 11951.8/65

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected
0.4
0.2
0
−0.2
−0.4
−0.6
140
145
150
155
160
165
170
Right In: 0.000+/-0.000 χ²/NDF: 0.0/0
Left Out: -0.040+/-0.036 χ²/NDF:21.4/16
Right Out: 0.000+/-0.000 χ²/NDF: 0.0/0
Left In: -0.020+/-0.036 χ²/NDF:15.4/15
Left: -0.030+/-0.025 χ²/NDF: 37.0/32
Right: 0.000+/-0.000 χ²/NDF: 0.0/0
In: -0.020+/-0.036 χ²/NDF:15.4/15
Out: -0.040+/-0.036 χ²/NDF:21.4/16
All: -0.030+/-0.025 χ²/NDF: 37.0/32

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -0.024+/-0.037 χ^2/NDF: 23.4/16

Left Out: -0.050+/-0.025 χ^2/NDF:16.5/16

Right Out: -0.128+/-0.039 χ^2/NDF: 17.6/18

Left In: -0.134+/-0.026 χ^2/NDF:15.3/15

Left: -0.091+/-0.018 χ^2/NDF: 37.1/32

Right: -0.072+/-0.027 χ^2/NDF: 44.7/35

In: -0.097+/-0.021 χ^2/NDF:44.6/32

Out: -0.073+/-0.021 χ^2/NDF:36.9/35

All: -0.085+/-0.015 χ^2/NDF: 82.1/68

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -0.129+/-0.067 χ^2/NDF: 23.7/16

Left Out: 0.030+/-0.035 χ^2/NDF:21.1/16

Right Out: -0.172+/-0.071 χ^2/NDF: 15.0/18

Left In: -0.005+/-0.035 χ^2/NDF:14.1/15

Left: 0.012+/-0.025 χ^2/NDF: 35.8/32

Right: -0.149+/-0.049 χ^2/NDF: 39.0/35

In: -0.032+/-0.031 χ^2/NDF:40.6/32

Out: -0.010+/-0.032 χ^2/NDF:42.6/35

All: -0.021+/-0.022 χ^2/NDF: 83.4/68

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 0.021+/-0.042 χ^2/NDF: 22.5/16

Left Out: 0.057+/-0.030 χ^2/NDF:15.5/16

Right Out: 0.152+/-0.045 χ^2/NDF: 16.2/18

Left In: 0.150+/-0.030 χ^2/NDF:15.0/15

Left: 0.102+/-0.021 χ^2/NDF: 35.3/32

Right: 0.082+/-0.031 χ^2/NDF: 43.2/35

In: 0.106+/-0.025 χ^2/NDF:43.6/32

Out: 0.085+/-0.025 χ^2/NDF:34.8/35

All: 0.096+/-0.017 χ^2/NDF: 78.8/68

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.001+/-0.002 χ^2/NDF: 32.4/16

Left Out: 0.009+/-0.001 χ^2/NDF:11.4/16

Right Out: 0.001+/-0.002 χ^2/NDF: 10449.1/18

Left In: 0.011+/-0.001 χ^2/NDF:9.8/15

Left: 0.010+/-0.001 χ^2/NDF: 21.9/32

Right: 0.001+/-0.002 χ^2/NDF: 10481.5/35

In: 0.008+/-0.001 χ^2/NDF:55.3/32

Out: 0.007+/-0.001 χ^2/NDF:10469.8/35

All: 0.007+/-0.001 χ^2/NDF: 10525.5/68

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -70.589+/-0.437 χ^2/NDF:995.1/15

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -71.134+/-0.426 χ^2/NDF:913.4/15

Left: -70.869+/-0.305 χ^2/NDF: 1909.3/31

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -71.134+/-0.426 χ^2/NDF:913.4/15

Out: -70.589+/-0.437 χ^2/NDF:995.1/15

All: -70.869+/-0.305 χ^2/NDF: 1909.3/31

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 5.589+/-0.424 χ^2/NDF: 462.8/15

Left Out: 2.321+/-0.297 χ^2/NDF:262.8/15

Right Out: 8.142+/-0.454 χ^2/NDF: 407.7/17

Left In: 2.759+/-0.297 χ^2/NDF:272.7/15

Left: 2.539+/-0.210 χ^2/NDF: 536.6/31

Right: 6.778+/-0.310 χ^2/NDF: 887.4/33

In: 3.693+/-0.243 χ^2/NDF:765.4/31

Out: 4.065+/-0.248 χ^2/NDF:785.8/33

All: 3.876+/-0.174 χ^2/NDF: 1552.4/65

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 101.631+/-0.807 χ^2/NDF: 2978.9/15

Left Out: 69.548+/-0.427 χ^2/NDF:1171.4/15

Right Out: 110.756+/-0.836 χ^2/NDF: 2513.0/17

Left In: 69.994+/-0.416 χ^2/NDF:1227.6/15

Left: 69.777+/-0.298 χ^2/NDF: 2399.6/31

Right: 106.031+/-0.581 χ^2/NDF: 5553.5/33

In: 76.624+/-0.369 χ^2/NDF:5421.4/31

Out: 78.081+/-0.381 χ^2/NDF:5610.0/33

All: 77.331+/-0.265 χ^2/NDF: 11039.0/65

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 10.508+/-0.492 χ^2/NDF: 581.5/15

Left Out: 17.141+/-0.352 χ^2/NDF:400.2/15

Right Out: 7.477+/-0.524 χ^2/NDF: 689.3/17

Left In: 16.562+/-0.350 χ^2/NDF:597.9/15

Left: 16.850+/-0.248 χ^2/NDF: 999.4/31

Right: 9.088+/-0.359 χ^2/NDF: 1288.6/33

In: 14.529+/-0.285 χ^2/NDF:1279.9/31

Out: 14.136+/-0.292 χ^2/NDF:1323.9/33

All: 14.337+/-0.204 χ^2/NDF: 2604.8/65

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -40.080+/-0.028 χ^2/NDF: 25123.9/15

Left Out: -41.023+/-0.017 χ^2/NDF:117837.9/15

Right Out: -41.609+/-0.029 χ^2/NDF: 61784.6/17

Left In: -40.665+/-0.016 χ^2/NDF:97632.7/15

Left: -40.838+/-0.012 χ^2/NDF: 215697.8/31

Right: -40.834+/-0.020 χ^2/NDF: 88360.5/33

In: -40.516+/-0.014 χ^2/NDF:123077.9/31

Out: -41.177+/-0.015 χ^2/NDF:179932.9/33

All: -40.837+/-0.010 χ^2/NDF: 304058.4/65

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -7.433+/-0.255 χ^2/NDF:437.3/15

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -6.174+/-0.247 χ^2/NDF:445.3/15

Left: -6.785+/-0.177 χ^2/NDF: 895.2/31

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -6.174+/-0.247 χ^2/NDF:445.3/15

Out: -7.433+/-0.255 χ^2/NDF:437.3/15

All: -6.785+/-0.177 χ^2/NDF: 895.2/31

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 0.965+/-0.338 χ^2/NDF: 42.9/15

Left Out: 0.508+/-0.182 χ^2/NDF:220.0/15

Right Out: 0.906+/-0.354 χ^2/NDF: 42.0/17

Left In: 0.374+/-0.180 χ^2/NDF:211.8/15

Left: 0.441+/-0.128 χ^2/NDF: 432.1/31

Right: 0.937+/-0.244 χ^2/NDF: 84.9/33

In: 0.505+/-0.159 χ^2/NDF:257.1/31

Out: 0.591+/-0.162 χ^2/NDF:263.0/33

All: 0.547+/-0.113 χ^2/NDF: 520.2/65

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -52.148+/-0.612 χ^2/NDF: 230.2/15

Left Out: -51.825+/-0.250 χ^2/NDF:543.6/15

Right Out: -52.346+/-0.616 χ^2/NDF: 235.7/17

Left In: -52.835+/-0.243 χ^2/NDF:530.3/15

Left: -52.346+/-0.174 χ^2/NDF: 1082.2/31

Right: -52.246+/-0.434 χ^2/NDF: 466.0/33

In: -52.742+/-0.226 χ^2/NDF:761.6/31

Out: -51.899+/-0.232 χ^2/NDF:779.9/33

All: -52.332+/-0.162 χ^2/NDF: 1548.3/65

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -0.596+/-0.384 χ^2/NDF: 82.6/15

Left Out: 1.423+/-0.211 χ^2/NDF:278.6/15

Right Out: 0.416+/-0.400 χ^2/NDF: 95.8/17

Left In: 1.516+/-0.208 χ^2/NDF:261.3/15

Left: 1.470+/-0.148 χ^2/NDF: 539.9/31

Right: -0.111+/-0.277 χ^2/NDF: 181.7/33

In: 1.035+/-0.183 χ^2/NDF:367.2/31

Out: 1.204+/-0.186 χ^2/NDF:379.3/33

All: 1.118+/-0.131 χ^2/NDF: 747.0/65

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.128+/-0.021 χ^2/NDF: 5252.9/15

Left Out: -1.382+/-0.010 χ^2/NDF:34471.0/15

Right Out: -1.631+/-0.022 χ^2/NDF: 77878.6/17

Left In: -1.298+/-0.010 χ^2/NDF:24955.7/15

Left: -1.339+/-0.007 χ^2/NDF: 59464.6/31

Right: -0.739+/-0.015 χ^2/NDF: 86433.1/33

In: -1.064+/-0.009 χ^2/NDF:33888.1/31

Out: -1.424+/-0.009 χ^2/NDF:112458.1/33

All: -1.239+/-0.006 χ^2/NDF: 147176.6/65

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -0.074+/-0.025 χ^2/NDF:24.5/15

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -0.029+/-0.024 χ^2/NDF:26.7/15

Left: -0.051+/-0.017 χ^2/NDF: 52.8/31

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.029+/-0.024 χ^2/NDF:26.7/15

Out: -0.074+/-0.025 χ^2/NDF:24.5/15

All: -0.051+/-0.017 χ^2/NDF: 52.8/31

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -0.013+/-0.023 χ^2/NDF: 12.2/15

Left Out: -0.071+/-0.017 χ^2/NDF:18.3/15

Right Out: -0.092+/-0.025 χ^2/NDF: 12.7/17

Left In: -0.099+/-0.017 χ^2/NDF:16.0/15

Left: -0.085+/-0.012 χ^2/NDF: 35.6/31

Right: -0.050+/-0.017 χ^2/NDF: 30.3/33

In: -0.068+/-0.014 χ^2/NDF:37.0/31

Out: -0.078+/-0.014 χ^2/NDF:31.5/33

All: -0.073+/-0.010 χ^2/NDF: 68.7/65

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 0.017+/-0.043 χ^2/NDF: 9.6/15

Left Out: 0.066+/-0.024 χ^2/NDF:21.8/15

Right Out: 0.030+/-0.045 χ^2/NDF: 9.2/17

Left In: 0.014+/-0.024 χ^2/NDF:27.8/15

Left: 0.039+/-0.017 χ^2/NDF: 52.0/31

Right: 0.023+/-0.031 χ^2/NDF: 18.9/33

In: 0.014+/-0.021 χ^2/NDF:37.5/31

Out: 0.058+/-0.021 χ^2/NDF:31.5/33

All: 0.035+/-0.015 χ^2/NDF: 71.1/65

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 0.007+/-0.027 χ^2/NDF: 12.1/15

Left Out: 0.085+/-0.020 χ^2/NDF:18.3/15

Right Out: 0.110+/-0.029 χ^2/NDF: 8.0/17

Left In: 0.117+/-0.020 χ^2/NDF:15.1/15

Left: 0.101+/-0.014 χ^2/NDF: 34.7/31

Right: 0.055+/-0.020 χ^2/NDF: 27.0/33

In: 0.077+/-0.016 χ^2/NDF:38.0/31

Out: 0.093+/-0.017 χ^2/NDF:26.8/33

All: 0.085+/-0.012 χ^2/NDF: 65.2/65

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -0.005+/-0.001 χ^2/NDF: 22.6/15

Left Out: 0.001+/-0.001 χ^2/NDF:14.6/15

Right Out: -0.006+/-0.001 χ^2/NDF: 26508.9/17

Left In: 0.000+/-0.001 χ^2/NDF:14.8/15

Left: 0.001+/-0.001 χ^2/NDF: 29.5/31

Right: -0.006+/-0.001 χ^2/NDF: 26531.6/33

In: -0.001+/-0.001 χ^2/NDF:49.2/31

Out: -0.001+/-0.001 χ^2/NDF:26537.8/33

All: -0.001+/-0.001 χ^2/NDF: 26587.0/65

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -0.026+/-0.025 χ^2/NDF:27.0/15

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -0.000+/-0.024 χ^2/NDF:15.5/15

Left: -0.013+/-0.017 χ^2/NDF: 43.1/31

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.000+/-0.024 χ^2/NDF:15.5/15

Out: -0.026+/-0.025 χ^2/NDF:27.0/15

All: -0.013+/-0.017 χ^2/NDF: 43.1/31

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 0.010+/-0.023 χ^2/NDF: 25.4/15

Left Out: -0.014+/-0.017 χ^2/NDF:22.9/15

Right Out: 0.040+/-0.025 χ^2/NDF: 27.9/17

Left In: 0.042+/-0.017 χ^2/NDF:21.9/15

Left: 0.014+/-0.012 χ^2/NDF: 49.9/31

Right: 0.024+/-0.017 χ^2/NDF: 54.1/33

In: 0.030+/-0.014 χ^2/NDF:48.5/31

Out: 0.004+/-0.014 χ^2/NDF:54.1/33

All: 0.017+/-0.010 χ^2/NDF: 104.3/65

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 0.152+/-0.043 χ^2/NDF: 28.7/15

Left Out: 0.025+/-0.024 χ^2/NDF:26.4/15

Right Out: 0.200+/-0.045 χ^2/NDF: 22.9/17

Left In: 0.009+/-0.024 χ^2/NDF:17.2/15

Left: 0.017+/-0.017 χ^2/NDF: 43.8/31

Right: 0.175+/-0.031 χ^2/NDF: 52.2/33

In: 0.043+/-0.021 χ^2/NDF:54.5/31

Out: 0.065+/-0.021 χ^2/NDF:61.0/33

All: 0.053+/-0.015 χ^2/NDF: 116.0/65

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -0.014+/-0.027 χ^2/NDF: 25.2/15

Left Out: 0.021+/-0.020 χ^2/NDF:25.6/15

Right Out: -0.050+/-0.029 χ^2/NDF: 25.7/17

Left In: -0.040+/-0.020 χ^2/NDF:22.1/15

Left: -0.010+/-0.014 χ^2/NDF: 52.2/31

Right: -0.031+/-0.020 χ^2/NDF: 51.8/33

In: -0.030+/-0.016 χ^2/NDF:47.9/31

Out: -0.003+/-0.017 χ^2/NDF:55.4/33

All: -0.017+/-0.012 χ^2/NDF: 104.7/65

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -0.006+/-0.001 χ^2/NDF: 29.0/15

Left Out: -0.009+/-0.001 χ^2/NDF:9.2/15

Right Out: -0.006+/-0.001 χ^2/NDF: 165.9/17

Left In: -0.010+/-0.001 χ^2/NDF:29.7/15

Left: -0.010+/-0.001 χ^2/NDF: 39.7/31

Right: -0.006+/-0.001 χ^2/NDF: 194.8/33

In: -0.009+/-0.001 χ^2/NDF:65.0/31

Out: -0.008+/-0.001 χ^2/NDF:178.3/33

All: -0.009+/-0.001 χ^2/NDF: 243.9/65

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -38.614+/-0.257 χ^2/NDF:857.7/15

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -38.199+/-0.250 χ^2/NDF:645.0/15

Left: -38.401+/-0.179 χ^2/NDF: 1504.0/31

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -38.199+/-0.250 χ^2/NDF:645.0/15

Out: -38.614+/-0.257 χ^2/NDF:857.7/15

All: -38.401+/-0.179 χ^2/NDF: 1504.0/31

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 3.530+/-0.217 χ^2/NDF: 446.6/15

Left Out: 1.055+/-0.177 χ^2/NDF:113.7/15

Right Out: 4.370+/-0.225 χ^2/NDF: 353.8/17

Left In: 1.168+/-0.177 χ^2/NDF:133.3/15

Left: 1.112+/-0.125 χ^2/NDF: 247.2/31

Right: 3.934+/-0.156 χ^2/NDF: 807.6/33

In: 2.111+/-0.137 χ^2/NDF:650.7/31

Out: 2.321+/-0.139 χ^2/NDF:601.2/33

All: 2.215+/-0.098 χ^2/NDF: 1253.1/65

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 29.535+/-0.417 χ^2/NDF: 1494.9/15

Left Out: 8.501+/-0.252 χ^2/NDF:1159.6/15

Right Out: 32.816+/-0.423 χ^2/NDF: 1659.3/17

Left In: 8.144+/-0.245 χ^2/NDF:962.9/15

Left: 8.318+/-0.176 χ^2/NDF: 2123.6/31

Right: 31.152+/-0.297 χ^2/NDF: 3184.7/33

In: 13.633+/-0.211 χ^2/NDF:4416.2/31

Out: 14.865+/-0.216 χ^2/NDF:5260.1/33

All: 14.234+/-0.151 χ^2/NDF: 9692.9/65

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 4.789+/-0.251 χ^2/NDF: 553.9/15

Left Out: 9.742+/-0.209 χ^2/NDF:129.7/15

Right Out: 3.809+/-0.259 χ^2/NDF: 567.6/17

Left In: 9.556+/-0.208 χ^2/NDF:358.3/15

Left: 9.648+/-0.147 χ^2/NDF: 488.4/31

Right: 4.313+/-0.180 χ^2/NDF: 1128.9/33

In: 7.622+/-0.160 χ^2/NDF:1126.3/31

Out: 7.403+/-0.163 χ^2/NDF:1015.4/33

All: 7.514+/-0.114 χ^2/NDF: 2142.7/65

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -19.895+/-0.016 χ^2/NDF: 26073.6/15

Left Out: -21.118+/-0.010 χ^2/NDF:131522.7/15

Right Out: -20.938+/-0.016 χ^2/NDF: 94065.2/17

Left In: -20.943+/-0.010 χ^2/NDF:107717.6/15

Left: -21.027+/-0.007 χ^2/NDF: 239398.0/31

Right: -20.412+/-0.011 χ^2/NDF: 122364.1/33

In: -20.651+/-0.008 χ^2/NDF:137059.6/31

Out: -21.066+/-0.008 χ^2/NDF:225680.6/33

All: -20.853+/-0.006 χ^2/NDF: 363980.2/65

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -38.504+/-0.257 χ^2/NDF:866.6/15

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -38.171+/-0.250 χ^2/NDF:636.8/15

Left: -38.333+/-0.179 χ^2/NDF: 1504.3/31

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -38.171+/-0.250 χ^2/NDF:636.8/15

Out: -38.504+/-0.257 χ^2/NDF:866.6/15

All: -38.333+/-0.179 χ^2/NDF: 1504.3/31

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 3.532+/-0.217 χ^2/NDF: 443.2/15

Left Out: 1.140+/-0.177 χ^2/NDF:115.8/15

Right Out: 4.303+/-0.222 χ^2/NDF: 352.8/17

Left In: 1.236+/-0.177 χ^2/NDF:133.9/15

Left: 1.188+/-0.125 χ^2/NDF: 249.8/31

Right: 3.910+/-0.155 χ^2/NDF: 802.2/33

In: 2.154+/-0.137 χ^2/NDF:644.2/31

Out: 2.373+/-0.138 χ^2/NDF:593.0/33

All: 2.262+/-0.097 χ^2/NDF: 1238.5/65

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 29.367+/-0.416 χ^2/NDF: 1488.7/15

Left Out: 8.393+/-0.252 χ^2/NDF:1165.9/15

Right Out: 29.719+/-0.402 χ^2/NDF: 2129.5/17

Left In: 8.127+/-0.245 χ^2/NDF:956.7/15

Left: 8.256+/-0.175 χ^2/NDF: 2123.1/31

Right: 29.549+/-0.289 χ^2/NDF: 3618.6/33

In: 13.578+/-0.211 χ^2/NDF:4378.8/31

Out: 14.387+/-0.213 χ^2/NDF:5314.1/33

All: 13.978+/-0.150 χ^2/NDF: 9700.2/65

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 4.794+/-0.251 χ^2/NDF: 550.0/15

Left Out: 9.642+/-0.209 χ^2/NDF:133.1/15

Right Out: 3.591+/-0.254 χ^2/NDF: 573.3/17

Left In: 9.463+/-0.207 χ^2/NDF:365.5/15

Left: 9.552+/-0.147 χ^2/NDF: 498.9/31

Right: 4.201+/-0.179 χ^2/NDF: 1134.6/33

In: 7.569+/-0.160 χ^2/NDF:1121.0/31

Out: 7.208+/-0.161 χ^2/NDF:1044.3/33

All: 7.390+/-0.114 χ^2/NDF: 2167.8/65

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -19.883+/-0.016 χ^2/NDF: 26063.5/15

Left Out: -21.109+/-0.010 χ^2/NDF:131628.3/15

Right Out: -18.390+/-0.015 χ^2/NDF: 301247.7/17

Left In: -20.934+/-0.010 χ^2/NDF:107614.7/15

Left: -21.019+/-0.007 χ^2/NDF: 239401.2/31

Right: -19.096+/-0.011 χ^2/NDF: 332167.8/33

In: -20.641+/-0.008 χ^2/NDF:136970.7/31

Out: -20.251+/-0.008 χ^2/NDF:456183.1/33

All: -20.448+/-0.006 χ^2/NDF: 594273.2/65

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -32.385+/-0.249 χ^2/NDF:944.7/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -32.763+/-0.249 χ^2/NDF:929.0/15

Left: -32.574+/-0.176 χ^2/NDF: 1874.9/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -32.763+/-0.249 χ^2/NDF:929.0/15

Out: -32.385+/-0.249 χ^2/NDF:944.7/16

All: -32.574+/-0.176 χ^2/NDF: 1874.9/32

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 2.444+/-0.311 χ^2/NDF: 295.3/16

Left Out: 0.960+/-0.172 χ^2/NDF:402.2/16

Right Out: 3.726+/-0.327 χ^2/NDF: 269.1/18

Left In: 1.090+/-0.175 χ^2/NDF:365.6/15

Left: 1.024+/-0.123 χ^2/NDF: 768.2/32

Right: 3.053+/-0.225 χ^2/NDF: 572.5/35

In: 1.417+/-0.153 χ^2/NDF:675.3/32

Out: 1.559+/-0.152 χ^2/NDF:727.4/35

All: 1.488+/-0.108 χ^2/NDF: 1403.2/68

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 76.572+/-0.573 χ^2/NDF: 2253.6/16

Left Out: 61.791+/-0.245 χ^2/NDF:1055.7/16

Right Out: 81.923+/-0.592 χ^2/NDF: 1570.6/18

Left In: 61.810+/-0.243 χ^2/NDF:1146.4/15

Left: 61.800+/-0.173 χ^2/NDF: 2202.1/32

Right: 79.162+/-0.412 χ^2/NDF: 3866.3/35

In: 64.060+/-0.224 χ^2/NDF:3962.0/32

Out: 64.733+/-0.226 χ^2/NDF:3614.1/35

All: 64.393+/-0.159 χ^2/NDF: 7580.5/68

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 5.442+/-0.357 χ^2/NDF: 387.5/16

Left Out: 8.038+/-0.202 χ^2/NDF:609.2/16

Right Out: 3.585+/-0.375 χ^2/NDF: 423.2/18

Left In: 7.805+/-0.205 χ^2/NDF:633.9/15

Left: 7.923+/-0.144 χ^2/NDF: 1243.7/32

Right: 4.559+/-0.259 χ^2/NDF: 823.5/35

In: 7.218+/-0.178 χ^2/NDF:1054.2/32

Out: 7.034+/-0.178 χ^2/NDF:1141.4/35

All: 7.126+/-0.126 χ^2/NDF: 2196.2/68

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -20.630+/-0.019 χ^2/NDF: 12490.5/16

Left Out: -20.284+/-0.010 χ^2/NDF:78806.4/16

Right Out: -20.650+/-0.019 χ^2/NDF: 13885.7/18

Left In: -19.810+/-0.010 χ^2/NDF:49255.8/15

Left: -20.044+/-0.007 χ^2/NDF: 129261.9/32

Right: -20.640+/-0.014 χ^2/NDF: 26376.6/35

In: -19.973+/-0.009 χ^2/NDF:63197.2/32

Out: -20.357+/-0.009 χ^2/NDF:92975.6/35

All: -20.163+/-0.006 χ^2/NDF: 157157.0/68

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -32.338+/-0.249 χ^2/NDF:936.5/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -32.730+/-0.249 χ^2/NDF:924.6/15

Left: -32.534+/-0.176 χ^2/NDF: 1862.3/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -32.730+/-0.249 χ^2/NDF:924.6/15

Out: -32.338+/-0.249 χ^2/NDF:936.5/16

All: -32.534+/-0.176 χ^2/NDF: 1862.3/32

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 2.448+/-0.311 χ^2/NDF: 293.4/16

Left Out: 1.018+/-0.172 χ^2/NDF:402.4/16

Right Out: 3.611+/-0.318 χ^2/NDF: 279.4/18

Left In: 1.219+/-0.176 χ^2/NDF:369.0/15

Left: 1.117+/-0.123 χ^2/NDF: 772.1/32

Right: 3.017+/-0.223 χ^2/NDF: 579.6/35

In: 1.515+/-0.153 χ^2/NDF:674.2/32

Out: 1.604+/-0.151 χ^2/NDF:733.2/35

All: 1.560+/-0.108 χ^2/NDF: 1407.6/68

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 76.687+/-0.574 χ^2/NDF: 2265.1/16

Left Out: 61.752+/-0.245 χ^2/NDF:1055.2/16

Right Out: 70.386+/-0.550 χ^2/NDF: 4391.1/18

Left In: 61.802+/-0.243 χ^2/NDF:1141.3/15

Left: 61.777+/-0.173 χ^2/NDF: 2196.6/32

Right: 73.402+/-0.397 χ^2/NDF: 6719.1/35

In: 64.071+/-0.224 χ^2/NDF:3977.2/32

Out: 63.183+/-0.224 χ^2/NDF:5652.1/35

All: 63.627+/-0.158 χ^2/NDF: 9637.1/68

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 5.439+/-0.357 χ^2/NDF: 385.9/16

Left Out: 7.972+/-0.203 χ^2/NDF:612.1/16

Right Out: 3.275+/-0.365 χ^2/NDF: 425.8/18

Left In: 7.661+/-0.206 χ^2/NDF:639.2/15

Left: 7.818+/-0.144 χ^2/NDF: 1252.5/32

Right: 4.381+/-0.256 χ^2/NDF: 829.6/35

In: 7.109+/-0.178 χ^2/NDF:1054.2/32

Out: 6.867+/-0.177 χ^2/NDF:1164.3/35

All: 6.987+/-0.126 χ^2/NDF: 2219.4/68

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -20.632+/-0.019 χ^2/NDF: 12530.8/16

Left Out: -20.293+/-0.010 χ^2/NDF:78679.4/16

Right Out: -17.591+/-0.018 χ^2/NDF: 178680.7/18

Left In: -19.820+/-0.010 χ^2/NDF:49193.3/15

Left: -20.053+/-0.007 χ^2/NDF: 129063.0/32

Right: -19.007+/-0.013 χ^2/NDF: 204486.4/35

In: -19.982+/-0.009 χ^2/NDF:63140.4/32

Out: -19.682+/-0.009 χ^2/NDF:274769.0/35

All: -19.831+/-0.006 χ^2/NDF: 338520.7/68

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -4.195+/-0.089 χ^2/NDF:1707.2/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -3.984+/-0.088 χ^2/NDF:1980.9/15

Left: -4.089+/-0.063 χ^2/NDF: 3691.0/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -3.984+/-0.088 χ^2/NDF:1980.9/15

Out: -4.195+/-0.089 χ^2/NDF:1707.2/16

All: -4.089+/-0.063 χ^2/NDF: 3691.0/32

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -5.411+/-0.055 χ^2/NDF: 9261.2/16

Left Out: 0.436+/-0.064 χ^2/NDF:1244.4/16

Right Out: -7.060+/-0.059 χ^2/NDF: 12329.4/18

Left In: 0.464+/-0.065 χ^2/NDF:1611.2/15

Left: 0.450+/-0.046 χ^2/NDF: 2855.7/32

Right: -6.173+/-0.040 χ^2/NDF: 22010.3/35

In: -2.980+/-0.042 χ^2/NDF:15639.2/32

Out: -3.598+/-0.043 χ^2/NDF:21019.3/35

All: -3.279+/-0.030 χ^2/NDF: 36763.7/68

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 5.824+/-0.090 χ^2/NDF: 1452.6/16

Left Out: 0.461+/-0.088 χ^2/NDF:1691.5/16

Right Out: 6.056+/-0.093 χ^2/NDF: 2668.9/18

Left In: -0.126+/-0.086 χ^2/NDF:2069.4/15

Left: 0.164+/-0.062 χ^2/NDF: 3783.5/32

Right: 5.935+/-0.065 χ^2/NDF: 4124.7/35

In: 2.744+/-0.062 χ^2/NDF:5805.0/32

Out: 3.084+/-0.064 χ^2/NDF:6269.9/35

All: 2.910+/-0.045 χ^2/NDF: 12089.5/68

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 6.432+/-0.065 χ^2/NDF: 123486.3/16

Left Out: 49.893+/-0.074 χ^2/NDF:1254.8/16

Right Out: 10.060+/-0.070 χ^2/NDF: 121816.0/18

Left In: 49.452+/-0.075 χ^2/NDF:1416.2/15

Left: 49.675+/-0.053 χ^2/NDF: 2688.6/32

Right: 8.110+/-0.047 χ^2/NDF: 246756.9/35

In: 24.848+/-0.049 χ^2/NDF:314165.5/32

Out: 28.833+/-0.051 χ^2/NDF:276808.3/35

All: 26.769+/-0.035 χ^2/NDF: 594170.8/68

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.215+/-0.003 χ^2/NDF: 3930.1/16

Left Out: 0.067+/-0.003 χ^2/NDF:1002.7/16

Right Out: 0.186+/-0.003 χ^2/NDF: 2720.3/18

Left In: 0.080+/-0.003 χ^2/NDF:2112.1/15

Left: 0.074+/-0.002 χ^2/NDF: 3122.6/32

Right: 0.200+/-0.002 χ^2/NDF: 6707.1/35

In: 0.161+/-0.002 χ^2/NDF:6997.6/32

Out: 0.141+/-0.002 χ^2/NDF:4469.6/35

All: 0.151+/-0.002 χ^2/NDF: 11511.3/68

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -0.718+/-0.172 χ^2/NDF:341.2/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -0.727+/-0.170 χ^2/NDF:543.3/15

Left: -0.722+/-0.121 χ^2/NDF: 884.5/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.727+/-0.170 χ^2/NDF:543.3/15

Out: -0.718+/-0.172 χ^2/NDF:341.2/16

All: -0.722+/-0.121 χ^2/NDF: 884.5/32

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -59.914+/-0.223 χ^2/NDF: 1979.5/16

Left Out: -54.300+/-0.127 χ^2/NDF:757.4/16

Right Out: -59.468+/-0.212 χ^2/NDF: 2912.7/18

Left In: -54.328+/-0.129 χ^2/NDF:975.9/15

Left: -54.314+/-0.090 χ^2/NDF: 1733.3/32

Right: -59.680+/-0.154 χ^2/NDF: 4894.3/35

In: -55.735+/-0.112 χ^2/NDF:3424.9/32

Out: -55.657+/-0.109 χ^2/NDF:4108.0/35

All: -55.695+/-0.078 χ^2/NDF: 7533.1/68

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 2.188+/-0.404 χ^2/NDF: 39.1/16

Left Out: -9.044+/-0.170 χ^2/NDF:337.3/16

Right Out: 2.733+/-0.388 χ^2/NDF: 58.9/18

Left In: -9.120+/-0.167 χ^2/NDF:675.6/15

Left: -9.083+/-0.119 χ^2/NDF: 1013.0/32

Right: 2.472+/-0.280 χ^2/NDF: 98.9/35

In: -7.466+/-0.155 χ^2/NDF:1383.2/32

Out: -7.137+/-0.156 χ^2/NDF:1169.8/35

All: -7.303+/-0.110 χ^2/NDF: 2555.3/68

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -32.817+/-0.254 χ^2/NDF: 4666.6/16

Left Out: -37.753+/-0.145 χ^2/NDF:783.0/16

Right Out: -32.501+/-0.244 χ^2/NDF: 6037.9/18

Left In: -37.258+/-0.147 χ^2/NDF:983.9/15

Left: -37.508+/-0.103 χ^2/NDF: 1772.6/32

Right: -32.652+/-0.176 χ^2/NDF: 10705.2/35

In: -36.148+/-0.127 χ^2/NDF:5879.8/32

Out: -36.382+/-0.125 χ^2/NDF:7163.4/35

All: -36.267+/-0.089 χ^2/NDF: 13044.9/68

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.090+/-0.013 χ^2/NDF: 79.2/16

Left Out: 0.403+/-0.007 χ^2/NDF:593.4/16

Right Out: 0.058+/-0.012 χ^2/NDF: 87.3/18

Left In: 0.380+/-0.006 χ^2/NDF:1281.4/15

Left: 0.391+/-0.005 χ^2/NDF: 1880.6/32

Right: 0.074+/-0.009 χ^2/NDF: 169.9/35

In: 0.321+/-0.006 χ^2/NDF:1773.6/32

Out: 0.324+/-0.006 χ^2/NDF:1300.4/35

All: 0.322+/-0.004 χ^2/NDF: 3074.1/68

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -9.523+/-0.157 χ^2/NDF:1867.5/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -8.801+/-0.151 χ^2/NDF:2217.2/15

Left: -9.150+/-0.109 χ^2/NDF: 4095.7/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -8.801+/-0.151 χ^2/NDF:2217.2/15

Out: -9.523+/-0.157 χ^2/NDF:1867.5/16

All: -9.150+/-0.109 χ^2/NDF: 4095.7/32

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 3.725+/-0.308 χ^2/NDF: 136.8/16

Left Out: 3.383+/-0.114 χ^2/NDF:658.6/16

Right Out: 3.885+/-0.316 χ^2/NDF: 134.4/18

Left In: 3.320+/-0.110 χ^2/NDF:711.4/15

Left: 3.350+/-0.079 χ^2/NDF: 1370.2/32

Right: 3.803+/-0.221 χ^2/NDF: 271.3/35

In: 3.366+/-0.104 χ^2/NDF:849.7/32

Out: 3.441+/-0.107 χ^2/NDF:795.2/35

All: 3.402+/-0.075 χ^2/NDF: 1645.2/68

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -56.379+/-0.542 χ^2/NDF: 587.4/16

Left Out: -56.884+/-0.156 χ^2/NDF:4605.5/16

Right Out: -57.258+/-0.536 χ^2/NDF: 476.1/18

Left In: -54.904+/-0.150 χ^2/NDF:5982.4/15

Left: -55.852+/-0.108 χ^2/NDF: 10671.4/32

Right: -56.823+/-0.381 χ^2/NDF: 1064.8/35

In: -55.009+/-0.144 χ^2/NDF:6576.7/32

Out: -56.914+/-0.150 χ^2/NDF:5082.0/35

All: -55.925+/-0.104 χ^2/NDF: 11742.2/68

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 2.473+/-0.345 χ^2/NDF: 243.6/16

Left Out: 3.955+/-0.131 χ^2/NDF:744.4/16

Right Out: 1.928+/-0.355 χ^2/NDF: 266.6/18

Left In: 3.824+/-0.128 χ^2/NDF:773.5/15

Left: 3.888+/-0.091 χ^2/NDF: 1518.4/32

Right: 2.208+/-0.248 χ^2/NDF: 511.4/35

In: 3.662+/-0.120 χ^2/NDF:1030.5/32

Out: 3.711+/-0.123 χ^2/NDF:1039.7/35

All: 3.686+/-0.086 χ^2/NDF: 2070.3/68

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -0.235+/-0.019 χ^2/NDF: 958.4/16

Left Out: 0.308+/-0.006 χ^2/NDF:114.7/16

Right Out: -0.391+/-0.019 χ^2/NDF: 853.3/18

Left In: 0.301+/-0.006 χ^2/NDF:266.9/15

Left: 0.304+/-0.004 χ^2/NDF: 382.4/32

Right: -0.312+/-0.013 χ^2/NDF: 1845.8/35

In: 0.252+/-0.006 χ^2/NDF:1956.6/32

Out: 0.242+/-0.006 χ^2/NDF:2199.0/35

All: 0.247+/-0.004 χ^2/NDF: 4157.2/68

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -22.208+/-0.075 χ^2/NDF:3494.3/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -21.254+/-0.070 χ^2/NDF:4781.1/15

Left: -21.700+/-0.051 χ^2/NDF: 8361.4/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -21.254+/-0.070 χ^2/NDF:4781.1/15

Out: -22.208+/-0.075 χ^2/NDF:3494.3/16

All: -21.700+/-0.051 χ^2/NDF: 8361.4/32

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -7.646+/-0.186 χ^2/NDF: 393.6/16

Left Out: -6.919+/-0.055 χ^2/NDF:262.0/16

Right Out: -7.992+/-0.186 χ^2/NDF: 225.5/18

Left In: -6.838+/-0.051 χ^2/NDF:591.9/15

Left: -6.876+/-0.037 χ^2/NDF: 855.1/32

Right: -7.819+/-0.131 χ^2/NDF: 620.8/35

In: -6.895+/-0.049 χ^2/NDF:1003.2/32

Out: -7.004+/-0.052 χ^2/NDF:518.1/35

All: -6.946+/-0.036 χ^2/NDF: 1523.7/68

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 10.077+/-0.337 χ^2/NDF: 252.8/16

Left Out: -7.103+/-0.075 χ^2/NDF:6652.4/16

Right Out: 12.620+/-0.332 χ^2/NDF: 220.0/18

Left In: -5.974+/-0.070 χ^2/NDF:7979.0/15

Left: -6.498+/-0.051 χ^2/NDF: 14753.7/32

Right: 11.365+/-0.237 χ^2/NDF: 501.6/35

In: -5.316+/-0.068 χ^2/NDF:10410.2/32

Out: -6.153+/-0.073 χ^2/NDF:10222.8/35

All: -5.706+/-0.050 χ^2/NDF: 20703.3/68

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 20.965+/-0.209 χ^2/NDF: 1225.5/16

Left Out: 21.290+/-0.063 χ^2/NDF:294.5/16

Right Out: 20.716+/-0.213 χ^2/NDF: 729.9/18

Left In: 21.243+/-0.059 χ^2/NDF:580.2/15

Left: 21.265+/-0.043 χ^2/NDF: 875.0/32

Right: 20.842+/-0.149 χ^2/NDF: 1956.1/35

In: 21.223+/-0.057 χ^2/NDF:1807.3/32

Out: 21.244+/-0.060 χ^2/NDF:1031.1/35

All: 21.232+/-0.041 χ^2/NDF: 2838.5/68

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -0.172+/-0.011 χ^2/NDF: 464.2/16

Left Out: -0.112+/-0.003 χ^2/NDF:239.3/16

Right Out: -0.222+/-0.011 χ^2/NDF: 536.1/18

Left In: -0.114+/-0.003 χ^2/NDF:447.2/15

Left: -0.113+/-0.002 χ^2/NDF: 686.7/32

Right: -0.198+/-0.008 χ^2/NDF: 1010.7/35

In: -0.117+/-0.003 χ^2/NDF:936.7/32

Out: -0.120+/-0.003 χ^2/NDF:869.3/35

All: -0.118+/-0.002 χ^2/NDF: 1806.5/68

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -9.141+/-0.141 χ^2/NDF:904.2/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -8.388+/-0.136 χ^2/NDF:895.4/15

Left: -8.750+/-0.098 χ^2/NDF: 1814.4/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -8.388+/-0.136 χ^2/NDF:895.4/15

Out: -9.141+/-0.141 χ^2/NDF:904.2/16

All: -8.750+/-0.098 χ^2/NDF: 1814.4/32

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 7.736+/-0.403 χ^2/NDF: 1358.4/16

Left Out: 5.998+/-0.104 χ^2/NDF:343.1/16

Right Out: 6.040+/-0.434 χ^2/NDF: 1512.1/18

Left In: 5.725+/-0.100 χ^2/NDF:1047.5/15

Left: 5.856+/-0.072 χ^2/NDF: 1394.2/32

Right: 6.952+/-0.295 χ^2/NDF: 2878.8/35

In: 5.841+/-0.097 χ^2/NDF:2429.5/32

Out: 6.000+/-0.101 χ^2/NDF:1855.2/35

All: 5.917+/-0.070 χ^2/NDF: 4286.0/68

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -50.966+/-0.738 χ^2/NDF: 332.7/16

Left Out: -43.859+/-0.141 χ^2/NDF:5984.1/16

Right Out: -49.497+/-0.797 χ^2/NDF: 510.4/18

Left In: -41.699+/-0.135 χ^2/NDF:7435.5/15

Left: -42.727+/-0.097 χ^2/NDF: 13542.4/32

Right: -50.288+/-0.541 χ^2/NDF: 844.9/35

In: -41.997+/-0.132 χ^2/NDF:7920.9/32

Out: -44.030+/-0.139 χ^2/NDF:6543.0/35

All: -42.964+/-0.096 χ^2/NDF: 14576.2/68

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -63.656+/-0.445 χ^2/NDF: 2014.7/16

Left Out: -34.048+/-0.119 χ^2/NDF:6128.7/16

Right Out: -64.470+/-0.483 χ^2/NDF: 1606.8/18

Left In: -31.871+/-0.115 χ^2/NDF:6371.7/15

Left: -32.924+/-0.083 χ^2/NDF: 12673.4/32

Right: -64.030+/-0.327 χ^2/NDF: 3623.1/35

In: -33.862+/-0.111 χ^2/NDF:13160.9/32

Out: -35.790+/-0.115 χ^2/NDF:11483.3/35

All: -34.792+/-0.080 χ^2/NDF: 24788.6/68

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.149+/-0.024 χ^2/NDF: 989.9/16

Left Out: 0.599+/-0.006 χ^2/NDF:379.6/16

Right Out: -0.054+/-0.026 χ^2/NDF: 1167.9/18

Left In: 0.584+/-0.005 χ^2/NDF:503.3/15

Left: 0.592+/-0.004 χ^2/NDF: 886.8/32

Right: 0.056+/-0.018 χ^2/NDF: 2190.5/35

In: 0.563+/-0.005 χ^2/NDF:1807.1/32

Out: 0.571+/-0.005 χ^2/NDF:2143.0/35

All: 0.567+/-0.004 χ^2/NDF: 3951.2/68

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -31.734+/-0.414 χ^2/NDF:375.1/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -29.402+/-0.417 χ^2/NDF:400.5/15

Left: -30.578+/-0.294 χ^2/NDF: 791.4/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -29.402+/-0.417 χ^2/NDF:400.5/15

Out: -31.734+/-0.414 χ^2/NDF:375.1/16

All: -30.578+/-0.294 χ^2/NDF: 791.4/32

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -46.300+/-0.723 χ^2/NDF: 1084.0/16

Left Out: -35.798+/-0.300 χ^2/NDF:532.0/16

Right Out: -49.008+/-0.764 χ^2/NDF: 1271.7/18

Left In: -36.314+/-0.308 χ^2/NDF:1332.3/15

Left: -36.049+/-0.215 χ^2/NDF: 1865.8/32

Right: -47.580+/-0.525 χ^2/NDF: 2362.3/35

In: -37.852+/-0.284 χ^2/NDF:2577.9/32

Out: -37.565+/-0.279 χ^2/NDF:2062.8/35

All: -37.706+/-0.199 χ^2/NDF: 4641.2/68

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -62.242+/-1.310 χ^2/NDF: 67.4/16

Left Out: -99.605+/-0.410 χ^2/NDF:298.6/16

Right Out: -61.142+/-1.379 χ^2/NDF: 165.6/18

Left In: -100.867+/-0.410 χ^2/NDF:421.9/15

Left: -100.236+/-0.290 χ^2/NDF: 725.2/32

Right: -61.720+/-0.950 χ^2/NDF: 233.3/35

In: -97.420+/-0.391 χ^2/NDF:1280.9/32

Out: -96.477+/-0.393 χ^2/NDF:1178.4/35

All: -96.951+/-0.277 χ^2/NDF: 2462.1/68

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -107.066+/-0.811 χ^2/NDF: 828.4/16

Left Out: -108.841+/-0.345 χ^2/NDF:686.0/16

Right Out: -104.269+/-0.861 χ^2/NDF: 1018.6/18

Left In: -107.391+/-0.352 χ^2/NDF:1435.3/15

Left: -108.130+/-0.247 χ^2/NDF: 2129.9/32

Right: -105.751+/-0.590 χ^2/NDF: 1852.6/35

In: -107.340+/-0.323 χ^2/NDF:2263.8/32

Out: -108.207+/-0.321 χ^2/NDF:1728.9/35

All: -107.777+/-0.228 χ^2/NDF: 3996.4/68

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -0.081+/-0.042 χ^2/NDF: 329.0/16

Left Out: 0.987+/-0.016 χ^2/NDF:312.1/16

Right Out: -0.376+/-0.044 χ^2/NDF: 583.0/18

Left In: 0.981+/-0.016 χ^2/NDF:689.0/15

Left: 0.984+/-0.011 χ^2/NDF: 1001.2/32

Right: -0.223+/-0.030 χ^2/NDF: 935.4/35

In: 0.847+/-0.015 χ^2/NDF:1572.9/32

Out: 0.826+/-0.015 χ^2/NDF:1745.1/35

All: 0.837+/-0.011 χ^2/NDF: 3319.0/68

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -26.877+/-0.300 χ^2/NDF:2686.1/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -25.860+/-0.295 χ^2/NDF:2864.1/15

Left: -26.360+/-0.211 χ^2/NDF: 5556.0/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -25.860+/-0.295 χ^2/NDF:2864.1/15

Out: -26.877+/-0.300 χ^2/NDF:2686.1/16

All: -26.360+/-0.211 χ^2/NDF: 5556.0/32

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -7.812+/-0.427 χ^2/NDF: 982.8/16

Left Out: -7.380+/-0.215 χ^2/NDF:1533.2/16

Right Out: -5.908+/-0.429 χ^2/NDF: 1293.1/18

Left In: -6.926+/-0.214 χ^2/NDF:1706.8/15

Left: -7.153+/-0.152 χ^2/NDF: 3242.2/32

Right: -6.864+/-0.303 χ^2/NDF: 2285.7/35

In: -7.104+/-0.192 χ^2/NDF:2693.0/32

Out: -7.085+/-0.192 χ^2/NDF:2835.6/35

All: -7.095+/-0.136 χ^2/NDF: 5528.6/68

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -59.214+/-0.744 χ^2/NDF: 1720.4/16

Left Out: -75.947+/-0.299 χ^2/NDF:2569.6/16

Right Out: -60.513+/-0.704 χ^2/NDF: 1383.9/18

Left In: -74.818+/-0.291 χ^2/NDF:3745.1/15

Left: -75.368+/-0.209 χ^2/NDF: 6322.1/32

Right: -59.899+/-0.511 χ^2/NDF: 3105.9/35

In: -72.742+/-0.271 χ^2/NDF:5847.1/32

Out: -73.594+/-0.275 χ^2/NDF:4360.7/35

All: -73.162+/-0.193 χ^2/NDF: 10212.7/68

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 111.599+/-0.487 χ^2/NDF: 5959.5/16

Left Out: 117.659+/-0.250 χ^2/NDF:1898.7/16

Right Out: 107.238+/-0.488 χ^2/NDF: 7037.4/18

Left In: 114.926+/-0.248 χ^2/NDF:1937.1/15

Left: 116.284+/-0.176 χ^2/NDF: 3895.9/32

Right: 109.423+/-0.344 χ^2/NDF: 13037.0/35

In: 114.238+/-0.221 χ^2/NDF:7933.7/32

Out: 115.491+/-0.222 χ^2/NDF:9297.7/35

All: 114.861+/-0.157 χ^2/NDF: 17247.3/68

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -0.693+/-0.026 χ^2/NDF: 993.1/16

Left Out: -0.220+/-0.012 χ^2/NDF:663.6/16

Right Out: -0.813+/-0.024 χ^2/NDF: 1310.7/18

Left In: -0.205+/-0.012 χ^2/NDF:1436.0/15

Left: -0.212+/-0.008 χ^2/NDF: 2100.3/32

Right: -0.756+/-0.018 χ^2/NDF: 2315.2/35

In: -0.287+/-0.011 χ^2/NDF:2727.5/32

Out: -0.332+/-0.011 χ^2/NDF:2455.6/35

All: -0.309+/-0.007 χ^2/NDF: 5192.4/68

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -32.197+/-0.254 χ^2/NDF:1532.7/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -31.085+/-0.248 χ^2/NDF:1383.5/15

Left: -31.628+/-0.177 χ^2/NDF: 2926.0/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -31.085+/-0.248 χ^2/NDF:1383.5/15

Out: -32.197+/-0.254 χ^2/NDF:1532.7/16

All: -31.628+/-0.177 χ^2/NDF: 2926.0/32

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 32.295+/-0.373 χ^2/NDF: 452.2/16

Left Out: 31.104+/-0.183 χ^2/NDF:709.9/16

Right Out: 33.180+/-0.379 χ^2/NDF: 770.3/18

Left In: 31.289+/-0.182 χ^2/NDF:586.9/15

Left: 31.197+/-0.129 χ^2/NDF: 1297.2/32

Right: 32.730+/-0.266 χ^2/NDF: 1225.3/35

In: 31.484+/-0.164 χ^2/NDF:1045.0/32

Out: 31.497+/-0.165 χ^2/NDF:1504.5/35

All: 31.490+/-0.116 χ^2/NDF: 2549.4/68

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -18.721+/-0.665 χ^2/NDF: 519.6/16

Left Out: -41.397+/-0.252 χ^2/NDF:1464.8/16

Right Out: -18.306+/-0.644 χ^2/NDF: 472.6/18

Left In: -40.416+/-0.244 χ^2/NDF:2136.1/15

Left: -40.892+/-0.175 χ^2/NDF: 3608.8/32

Right: -18.506+/-0.463 χ^2/NDF: 992.4/35

In: -37.838+/-0.229 χ^2/NDF:3592.5/32

Out: -38.335+/-0.234 χ^2/NDF:3054.3/35

All: -38.081+/-0.164 χ^2/NDF: 6649.1/68

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 72.875+/-0.426 χ^2/NDF: 4737.9/16

Left Out: 76.633+/-0.212 χ^2/NDF:1615.8/16

Right Out: 70.815+/-0.433 χ^2/NDF: 5489.3/18

Left In: 74.328+/-0.210 χ^2/NDF:1403.3/15

Left: 75.469+/-0.149 χ^2/NDF: 3078.8/32

Right: 71.863+/-0.304 χ^2/NDF: 10238.7/35

In: 74.044+/-0.188 χ^2/NDF:6150.6/32

Out: 75.510+/-0.190 χ^2/NDF:7250.6/35

All: 74.769+/-0.134 χ^2/NDF: 13431.2/68

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -0.499+/-0.022 χ^2/NDF: 303.5/16

Left Out: -0.461+/-0.010 χ^2/NDF:528.2/16

Right Out: -0.561+/-0.021 χ^2/NDF: 562.3/18

Left In: -0.437+/-0.010 χ^2/NDF:1133.9/15

Left: -0.448+/-0.007 χ^2/NDF: 1665.1/32

Right: -0.532+/-0.015 χ^2/NDF: 869.9/35

In: -0.447+/-0.009 χ^2/NDF:1444.0/32

Out: -0.479+/-0.009 χ^2/NDF:1108.7/35

All: -0.462+/-0.006 χ^2/NDF: 2559.1/68

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -12.232+/-0.092 χ^2/NDF:768.5/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -11.746+/-0.091 χ^2/NDF:1132.4/15

Left: -11.987+/-0.065 χ^2/NDF: 1915.1/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -11.746+/-0.091 χ^2/NDF:1132.4/15

Out: -12.232+/-0.092 χ^2/NDF:768.5/16

All: -11.987+/-0.065 χ^2/NDF: 1915.1/32

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -34.042+/-0.151 χ^2/NDF: 1340.8/16

Left Out: -30.476+/-0.067 χ^2/NDF:521.2/16

Right Out: -34.277+/-0.151 χ^2/NDF: 1349.5/18

Left In: -30.479+/-0.068 χ^2/NDF:1148.0/15

Left: -30.477+/-0.048 χ^2/NDF: 1669.3/32

Right: -34.159+/-0.107 χ^2/NDF: 2691.4/35

In: -31.082+/-0.062 χ^2/NDF:2953.2/32

Out: -31.105+/-0.061 χ^2/NDF:2400.7/35

All: -31.093+/-0.044 χ^2/NDF: 5354.0/68

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 5.435+/-0.270 χ^2/NDF: 132.0/16

Left Out: -9.288+/-0.091 χ^2/NDF:1414.1/16

Right Out: 7.177+/-0.274 χ^2/NDF: 182.6/18

Left In: -9.170+/-0.089 χ^2/NDF:2124.6/15

Left: -9.228+/-0.064 χ^2/NDF: 3539.6/32

Right: 6.291+/-0.192 χ^2/NDF: 335.1/35

In: -7.726+/-0.085 χ^2/NDF:4901.8/32

Out: -7.669+/-0.086 χ^2/NDF:4848.8/35

All: -7.698+/-0.060 χ^2/NDF: 9750.8/68

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -5.553+/-0.170 χ^2/NDF: 2125.3/16

Left Out: -8.394+/-0.077 χ^2/NDF:611.6/16

Right Out: -4.782+/-0.173 χ^2/NDF: 2040.4/18

Left In: -8.127+/-0.077 χ^2/NDF:1267.2/15

Left: -8.261+/-0.054 χ^2/NDF: 1884.8/32

Right: -5.174+/-0.121 χ^2/NDF: 4175.8/35

In: -7.687+/-0.070 χ^2/NDF:3582.8/32

Out: -7.800+/-0.070 χ^2/NDF:3017.0/35

All: -7.744+/-0.050 χ^2/NDF: 6601.2/68

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -0.059+/-0.008 χ^2/NDF: 217.6/16

Left Out: 0.154+/-0.004 χ^2/NDF:499.9/16

Right Out: -0.103+/-0.008 χ^2/NDF: 435.5/18

Left In: 0.149+/-0.003 χ^2/NDF:931.3/15

Left: 0.151+/-0.002 χ^2/NDF: 1432.5/32

Right: -0.081+/-0.006 χ^2/NDF: 666.4/35

In: 0.118+/-0.003 χ^2/NDF:1673.1/32

Out: 0.116+/-0.003 χ^2/NDF:1727.2/35

All: 0.117+/-0.002 χ^2/NDF: 3400.5/68

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 2.526+/-0.086 χ^2/NDF:596.7/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 2.066+/-0.085 χ^2/NDF:643.7/15

Left: 2.293+/-0.060 χ^2/NDF: 1254.9/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2.066+/-0.085 χ^2/NDF:643.7/15

Out: 2.526+/-0.086 χ^2/NDF:596.7/16

All: 2.293+/-0.060 χ^2/NDF: 1254.9/32

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -2.930+/-0.154 χ^2/NDF: 146.5/16

Left Out: -1.565+/-0.063 χ^2/NDF:274.2/16

Right Out: -3.544+/-0.155 χ^2/NDF: 291.7/18

Left In: -1.525+/-0.062 χ^2/NDF:368.1/15

Left: -1.545+/-0.044 χ^2/NDF: 642.5/32

Right: -3.236+/-0.109 χ^2/NDF: 446.1/35

In: -1.722+/-0.058 χ^2/NDF:586.3/32

Out: -1.846+/-0.058 χ^2/NDF:706.4/35

All: -1.783+/-0.041 χ^2/NDF: 1295.0/68

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 29.969+/-0.267 χ^2/NDF: 554.3/16

Left Out: 28.809+/-0.086 χ^2/NDF:4661.7/16

Right Out: 31.000+/-0.260 χ^2/NDF: 479.5/18

Left In: 27.979+/-0.084 χ^2/NDF:5069.3/15

Left: 28.384+/-0.060 χ^2/NDF: 9779.0/32

Right: 30.497+/-0.186 χ^2/NDF: 1041.5/35

In: 28.157+/-0.080 χ^2/NDF:5674.3/32

Out: 29.024+/-0.081 χ^2/NDF:5205.3/35

All: 28.582+/-0.057 χ^2/NDF: 10937.3/68

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 13.948+/-0.172 χ^2/NDF: 7391.9/16

Left Out: 22.948+/-0.072 χ^2/NDF:757.0/16

Right Out: 12.435+/-0.174 χ^2/NDF: 6962.9/18

Left In: 22.713+/-0.071 χ^2/NDF:807.7/15

Left: 22.830+/-0.051 χ^2/NDF: 1570.1/32

Right: 13.199+/-0.122 χ^2/NDF: 14393.1/35

In: 21.423+/-0.066 χ^2/NDF:10415.2/32

Out: 21.402+/-0.067 χ^2/NDF:10845.6/35

All: 21.413+/-0.047 χ^2/NDF: 21260.8/68

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.205+/-0.009 χ^2/NDF: 846.2/16

Left Out: -0.118+/-0.003 χ^2/NDF:200.6/16

Right Out: 0.139+/-0.009 χ^2/NDF: 3016.8/18

Left In: -0.112+/-0.003 χ^2/NDF:284.6/15

Left: -0.115+/-0.002 χ^2/NDF: 487.0/32

Right: 0.171+/-0.007 χ^2/NDF: 3888.5/35

In: -0.077+/-0.003 χ^2/NDF:2152.4/32

Out: -0.088+/-0.003 χ^2/NDF:3908.2/35

All: -0.083+/-0.002 χ^2/NDF: 6067.0/68

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -32.629+/-0.242 χ^2/NDF:852.7/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -31.263+/-0.241 χ^2/NDF:560.5/15

Left: -31.943+/-0.171 χ^2/NDF: 1429.1/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -31.263+/-0.241 χ^2/NDF:560.5/15

Out: -32.629+/-0.242 χ^2/NDF:852.7/16

All: -31.943+/-0.171 χ^2/NDF: 1429.1/32

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -8.257+/-0.462 χ^2/NDF: 412.1/16

Left Out: -2.039+/-0.174 χ^2/NDF:295.8/16

Right Out: -10.446+/-0.491 χ^2/NDF: 428.4/18

Left In: -2.118+/-0.175 χ^2/NDF:717.8/15

Left: -2.078+/-0.124 χ^2/NDF: 1013.6/32

Right: -9.285+/-0.337 χ^2/NDF: 851.1/35

In: -2.892+/-0.164 χ^2/NDF:1284.1/32

Out: -2.976+/-0.164 χ^2/NDF:984.5/35

All: -2.934+/-0.116 χ^2/NDF: 2268.7/68

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -43.082+/-0.834 χ^2/NDF: 99.2/16

Left Out: -69.988+/-0.241 χ^2/NDF:774.8/16

Right Out: -43.262+/-0.866 χ^2/NDF: 154.2/18

Left In: -69.827+/-0.238 χ^2/NDF:991.1/15

Left: -69.906+/-0.169 χ^2/NDF: 1766.1/32

Right: -43.169+/-0.601 χ^2/NDF: 253.4/35

In: -67.819+/-0.229 χ^2/NDF:2040.8/32

Out: -68.075+/-0.232 χ^2/NDF:1812.4/35

All: -67.945+/-0.163 χ^2/NDF: 3853.8/68

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -12.348+/-0.520 χ^2/NDF: 475.9/16

Left Out: -16.013+/-0.201 χ^2/NDF:651.0/16

Right Out: -10.765+/-0.554 χ^2/NDF: 366.6/18

Left In: -16.424+/-0.202 χ^2/NDF:1165.1/15

Left: -16.217+/-0.143 χ^2/NDF: 1818.2/32

Right: -11.606+/-0.379 χ^2/NDF: 846.9/35

In: -15.887+/-0.189 χ^2/NDF:1694.5/32

Out: -15.401+/-0.189 χ^2/NDF:1097.0/35

All: -15.644+/-0.133 χ^2/NDF: 2794.8/68

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -0.308+/-0.028 χ^2/NDF: 372.4/16

Left Out: 0.254+/-0.009 χ^2/NDF:63.6/16

Right Out: -0.478+/-0.029 χ^2/NDF: 631.2/18

Left In: 0.259+/-0.009 χ^2/NDF:79.3/15

Left: 0.256+/-0.007 χ^2/NDF: 143.0/32

Right: -0.390+/-0.020 χ^2/NDF: 1022.0/35

In: 0.200+/-0.009 χ^2/NDF:831.5/32

Out: 0.181+/-0.009 χ^2/NDF:1287.5/35

All: 0.191+/-0.006 χ^2/NDF: 2121.2/68

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 7.932+/-0.133 χ^2/NDF:2949.9/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 7.613+/-0.130 χ^2/NDF:3490.7/15

Left: 7.770+/-0.093 χ^2/NDF: 6443.5/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 7.613+/-0.130 χ^2/NDF:3490.7/15

Out: 7.932+/-0.133 χ^2/NDF:2949.9/16

All: 7.770+/-0.093 χ^2/NDF: 6443.5/32

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 8.036+/-0.215 χ^2/NDF: 5369.4/16

Left Out: 6.566+/-0.095 χ^2/NDF:2344.4/16

Right Out: 8.454+/-0.213 χ^2/NDF: 6704.4/18

Left In: 6.151+/-0.096 χ^2/NDF:3926.0/15

Left: 6.359+/-0.068 χ^2/NDF: 6279.8/32

Right: 8.247+/-0.151 χ^2/NDF: 12075.7/35

In: 6.463+/-0.088 χ^2/NDF:9359.4/32

Out: 6.881+/-0.087 χ^2/NDF:9114.0/35

All: 6.673+/-0.062 χ^2/NDF: 18484.9/68

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 7.604+/-0.416 χ^2/NDF: 2325.0/16

Left Out: 14.577+/-0.132 χ^2/NDF:2578.0/16

Right Out: 10.337+/-0.416 χ^2/NDF: 2281.8/18

Left In: 15.444+/-0.129 χ^2/NDF:3149.0/15

Left: 15.021+/-0.092 χ^2/NDF: 5749.2/32

Right: 8.969+/-0.294 χ^2/NDF: 4628.4/35

In: 14.759+/-0.123 χ^2/NDF:5798.5/32

Out: 14.191+/-0.126 χ^2/NDF:4954.1/35

All: 14.482+/-0.088 χ^2/NDF: 10763.0/68

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -100.753+/-0.248 χ^2/NDF: 4522.6/16

Left Out: -77.285+/-0.111 χ^2/NDF:6149.2/16

Right Out: -102.354+/-0.246 χ^2/NDF: 6078.9/18

Left In: -74.728+/-0.111 χ^2/NDF:6637.7/15

Left: -76.002+/-0.078 χ^2/NDF: 13053.4/32

Right: -101.559+/-0.175 χ^2/NDF: 10622.5/35

In: -79.045+/-0.101 χ^2/NDF:20345.1/32

Out: -81.517+/-0.101 χ^2/NDF:20844.0/35

All: -80.279+/-0.071 χ^2/NDF: 41488.0/68

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.280+/-0.013 χ^2/NDF: 656.0/16

Left Out: 0.417+/-0.005 χ^2/NDF:1348.6/16

Right Out: 0.175+/-0.013 χ^2/NDF: 966.7/18

Left In: 0.395+/-0.005 χ^2/NDF:2561.1/15

Left: 0.406+/-0.004 χ^2/NDF: 3918.6/32

Right: 0.227+/-0.010 χ^2/NDF: 1653.2/35

In: 0.381+/-0.005 χ^2/NDF:3281.0/32

Out: 0.386+/-0.005 χ^2/NDF:2597.1/35

All: 0.383+/-0.003 χ^2/NDF: 5878.5/68

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -15.419+/-0.184 χ^2/NDF:2736.2/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -14.792+/-0.182 χ^2/NDF:2928.8/15

Left: -15.101+/-0.129 χ^2/NDF: 5670.9/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -14.792+/-0.182 χ^2/NDF:2928.8/15

Out: -15.419+/-0.184 χ^2/NDF:2736.2/16

All: -15.101+/-0.129 χ^2/NDF: 5670.9/32

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -3.582+/-0.131 χ^2/NDF:1573.3/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -3.354+/-0.132 χ^2/NDF:1773.8/15

Left: -3.469+/-0.093 χ^2/NDF: 3348.6/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -3.354+/-0.132 χ^2/NDF:1773.8/15

Out: -3.582+/-0.131 χ^2/NDF:1573.3/16

All: -3.469+/-0.093 χ^2/NDF: 3348.6/32

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -38.249+/-0.182 χ^2/NDF:2292.8/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -38.025+/-0.179 χ^2/NDF:3320.7/15

Left: -38.135+/-0.128 χ^2/NDF: 5614.3/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -38.025+/-0.179 χ^2/NDF:3320.7/15

Out: -38.249+/-0.182 χ^2/NDF:2292.8/16

All: -38.135+/-0.128 χ^2/NDF: 5614.3/32

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 84.023+/-0.153 χ^2/NDF:1695.1/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 82.463+/-0.153 χ^2/NDF:1795.4/15

Left: 83.243+/-0.108 χ^2/NDF: 3542.6/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 82.463+/-0.153 χ^2/NDF:1795.4/15

Out: 84.023+/-0.153 χ^2/NDF:1695.1/16

All: 83.243+/-0.108 χ^2/NDF: 3542.6/32

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -0.074+/-0.007 χ^2/NDF:812.7/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -0.061+/-0.007 χ^2/NDF:1744.0/15

Left: -0.067+/-0.005 χ^2/NDF: 2558.3/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.061+/-0.007 χ^2/NDF:1744.0/15

Out: -0.074+/-0.007 χ^2/NDF:812.7/16

All: -0.067+/-0.005 χ^2/NDF: 2558.3/32

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -18.454+/-0.219 χ^2/NDF:2513.4/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -17.641+/-0.214 χ^2/NDF:2758.7/15

Left: -18.037+/-0.153 χ^2/NDF: 5279.2/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -17.641+/-0.214 χ^2/NDF:2758.7/15

Out: -18.454+/-0.219 χ^2/NDF:2513.4/16

All: -18.037+/-0.153 χ^2/NDF: 5279.2/32

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -1.955+/-0.158 χ^2/NDF:1227.7/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -1.765+/-0.155 χ^2/NDF:1321.8/15

Left: -1.859+/-0.111 χ^2/NDF: 2550.3/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1.765+/-0.155 χ^2/NDF:1321.8/15

Out: -1.955+/-0.158 χ^2/NDF:1227.7/16

All: -1.859+/-0.111 χ^2/NDF: 2550.3/32

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -66.654+/-0.218 χ^2/NDF:3077.4/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -64.915+/-0.211 χ^2/NDF:4545.5/15

Left: -65.756+/-0.152 χ^2/NDF: 7655.6/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -64.915+/-0.211 χ^2/NDF:4545.5/15

Out: -66.654+/-0.218 χ^2/NDF:3077.4/16

All: -65.756+/-0.152 χ^2/NDF: 7655.6/32

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 60.530+/-0.183 χ^2/NDF:1364.4/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 59.076+/-0.180 χ^2/NDF:1394.4/15

Left: 59.792+/-0.128 χ^2/NDF: 2791.0/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 59.076+/-0.180 χ^2/NDF:1394.4/15

Out: 60.530+/-0.183 χ^2/NDF:1364.4/16

All: 59.792+/-0.128 χ^2/NDF: 2791.0/32

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.044+/-0.009 χ^2/NDF:423.0/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.046+/-0.008 χ^2/NDF:981.0/15

Left: 0.045+/-0.006 χ^2/NDF: 1404.0/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.046+/-0.008 χ^2/NDF:981.0/15

Out: 0.044+/-0.009 χ^2/NDF:423.0/16

All: 0.045+/-0.006 χ^2/NDF: 1404.0/32

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -7.157+/-0.073 χ^2/NDF:1853.6/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -6.872+/-0.070 χ^2/NDF:1881.2/15

Left: -7.009+/-0.051 χ^2/NDF: 3742.7/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -6.872+/-0.070 χ^2/NDF:1881.2/15

Out: -7.157+/-0.073 χ^2/NDF:1853.6/16

All: -7.009+/-0.051 χ^2/NDF: 3742.7/32

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 3.205+/-0.053 χ^2/NDF:490.8/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 3.040+/-0.051 χ^2/NDF:1084.6/15

Left: 3.120+/-0.037 χ^2/NDF: 1580.4/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3.040+/-0.051 χ^2/NDF:1084.6/15

Out: 3.205+/-0.053 χ^2/NDF:490.8/16

All: 3.120+/-0.037 χ^2/NDF: 1580.4/32

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -22.724+/-0.073 χ^2/NDF:4213.8/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -21.619+/-0.070 χ^2/NDF:6193.0/15

Left: -22.147+/-0.050 χ^2/NDF: 10527.3/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -21.619+/-0.070 χ^2/NDF:6193.0/15

Out: -22.724+/-0.073 χ^2/NDF:4213.8/16

All: -22.147+/-0.050 χ^2/NDF: 10527.3/32

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 7.108+/-0.061 χ^2/NDF:4685.4/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 7.978+/-0.059 χ^2/NDF:4798.4/15

Left: 7.554+/-0.043 χ^2/NDF: 9588.4/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 7.978+/-0.059 χ^2/NDF:4798.4/15

Out: 7.108+/-0.061 χ^2/NDF:4685.4/16

All: 7.554+/-0.043 χ^2/NDF: 9588.4/32

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.341+/-0.003 χ^2/NDF:311.1/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.337+/-0.003 χ^2/NDF:567.5/15

Left: 0.339+/-0.002 χ^2/NDF: 879.9/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.337+/-0.003 χ^2/NDF:567.5/15

Out: 0.341+/-0.003 χ^2/NDF:311.1/16

All: 0.339+/-0.002 χ^2/NDF: 879.9/32

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -9.372+/-0.145 χ^2/NDF:1269.9/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -8.653+/-0.140 χ^2/NDF:1344.9/15

Left: -9.000+/-0.100 χ^2/NDF: 2627.7/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -8.653+/-0.140 χ^2/NDF:1344.9/15

Out: -9.372+/-0.145 χ^2/NDF:1269.9/16

All: -9.000+/-0.100 χ^2/NDF: 2627.7/32

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 4.756+/-0.106 χ^2/NDF:351.0/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 4.568+/-0.102 χ^2/NDF:581.5/15

Left: 4.658+/-0.074 χ^2/NDF: 934.1/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4.568+/-0.102 χ^2/NDF:581.5/15

Out: 4.756+/-0.106 χ^2/NDF:351.0/16

All: 4.658+/-0.074 χ^2/NDF: 934.1/32

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -50.397+/-0.145 χ^2/NDF:5304.6/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -48.342+/-0.138 χ^2/NDF:6581.3/15

Left: -49.324+/-0.100 χ^2/NDF: 11991.3/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -48.342+/-0.138 χ^2/NDF:6581.3/15

Out: -50.397+/-0.145 χ^2/NDF:5304.6/16

All: -49.324+/-0.100 χ^2/NDF: 11991.3/32

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -15.392+/-0.122 χ^2/NDF:1732.8/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -14.333+/-0.118 χ^2/NDF:1833.9/15

Left: -14.847+/-0.085 χ^2/NDF: 3605.7/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -14.333+/-0.118 χ^2/NDF:1833.9/15

Out: -15.392+/-0.122 χ^2/NDF:1732.8/16

All: -14.847+/-0.085 χ^2/NDF: 3605.7/32

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.457+/-0.006 χ^2/NDF:139.9/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.446+/-0.006 χ^2/NDF:178.6/15

Left: 0.451+/-0.004 χ^2/NDF: 320.4/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.446+/-0.006 χ^2/NDF:178.6/15

Out: 0.457+/-0.006 χ^2/NDF:139.9/16

All: 0.451+/-0.004 χ^2/NDF: 320.4/32

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 11.416+/-0.123 χ^2/NDF:2358.2/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 10.991+/-0.120 χ^2/NDF:2479.3/15

Left: 11.199+/-0.086 χ^2/NDF: 4843.6/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 10.991+/-0.120 χ^2/NDF:2479.3/15

Out: 11.416+/-0.123 χ^2/NDF:2358.2/16

All: 11.199+/-0.086 χ^2/NDF: 4843.6/32

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 3.720+/-0.088 χ^2/NDF:1383.7/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 3.502+/-0.087 χ^2/NDF:1545.3/15

Left: 3.609+/-0.062 χ^2/NDF: 2932.1/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3.502+/-0.087 χ^2/NDF:1545.3/15

Out: 3.720+/-0.088 χ^2/NDF:1383.7/16

All: 3.609+/-0.062 χ^2/NDF: 2932.1/32

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 37.502+/-0.123 χ^2/NDF:3014.6/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 36.661+/-0.119 χ^2/NDF:4263.1/15

Left: 37.069+/-0.085 χ^2/NDF: 7302.0/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 36.661+/-0.119 χ^2/NDF:4263.1/15

Out: 37.502+/-0.123 χ^2/NDF:3014.6/16

All: 37.069+/-0.085 χ^2/NDF: 7302.0/32

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -33.508+/-0.103 χ^2/NDF:2160.2/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -32.393+/-0.101 χ^2/NDF:2109.8/15

Left: -32.943+/-0.072 χ^2/NDF: 4330.0/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -32.393+/-0.101 χ^2/NDF:2109.8/15

Out: -33.508+/-0.103 χ^2/NDF:2160.2/16

All: -32.943+/-0.072 χ^2/NDF: 4330.0/32

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.147+/-0.005 χ^2/NDF:414.6/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.145+/-0.005 χ^2/NDF:895.1/15

Left: 0.146+/-0.003 χ^2/NDF: 1309.8/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.145+/-0.005 χ^2/NDF:895.1/15

Out: 0.147+/-0.005 χ^2/NDF:414.6/16

All: 0.146+/-0.003 χ^2/NDF: 1309.8/32

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 8.254+/-0.097 χ^2/NDF:2396.0/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 8.052+/-0.096 χ^2/NDF:2606.8/15

Left: 8.152+/-0.068 χ^2/NDF: 5004.9/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 8.052+/-0.096 χ^2/NDF:2606.8/15

Out: 8.254+/-0.097 χ^2/NDF:2396.0/16

All: 8.152+/-0.068 χ^2/NDF: 5004.9/32

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 5.304+/-0.070 χ^2/NDF:1900.9/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 5.037+/-0.071 χ^2/NDF:2751.1/15

Left: 5.172+/-0.050 χ^2/NDF: 4659.3/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5.037+/-0.071 χ^2/NDF:2751.1/15

Out: 5.304+/-0.070 χ^2/NDF:1900.9/16

All: 5.172+/-0.050 χ^2/NDF: 4659.3/32

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 8.449+/-0.096 χ^2/NDF:2433.0/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 9.104+/-0.095 χ^2/NDF:2465.9/15

Left: 8.782+/-0.068 χ^2/NDF: 4922.4/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 9.104+/-0.095 χ^2/NDF:2465.9/15

Out: 8.449+/-0.096 χ^2/NDF:2433.0/16

All: 8.782+/-0.068 χ^2/NDF: 4922.4/32

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -57.042+/-0.081 χ^2/NDF:2943.7/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -55.790+/-0.081 χ^2/NDF:3237.9/15

Left: -56.420+/-0.057 χ^2/NDF: 6300.1/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -55.790+/-0.081 χ^2/NDF:3237.9/15

Out: -57.042+/-0.081 χ^2/NDF:2943.7/16

All: -56.420+/-0.057 χ^2/NDF: 6300.1/32

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.266+/-0.004 χ^2/NDF:1213.4/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.251+/-0.004 χ^2/NDF:2284.1/15

Left: 0.258+/-0.003 χ^2/NDF: 3505.6/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.251+/-0.004 χ^2/NDF:2284.1/15

Out: 0.266+/-0.004 χ^2/NDF:1213.4/16

All: 0.258+/-0.003 χ^2/NDF: 3505.6/32

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 2.523+/-0.097 χ^2/NDF:531.8/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 2.046+/-0.095 χ^2/NDF:776.9/15

Left: 2.279+/-0.068 χ^2/NDF: 1321.1/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2.046+/-0.095 χ^2/NDF:776.9/15

Out: 2.523+/-0.097 χ^2/NDF:531.8/16

All: 2.279+/-0.068 χ^2/NDF: 1321.1/32

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -2.823+/-0.071 χ^2/NDF:509.3/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -2.689+/-0.070 χ^2/NDF:1418.0/15

Left: -2.754+/-0.050 χ^2/NDF: 1929.1/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -2.689+/-0.070 χ^2/NDF:1418.0/15

Out: -2.823+/-0.071 χ^2/NDF:509.3/16

All: -2.754+/-0.050 χ^2/NDF: 1929.1/32

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 22.906+/-0.097 χ^2/NDF:4548.7/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 21.848+/-0.094 χ^2/NDF:5343.7/15

Left: 22.360+/-0.067 χ^2/NDF: 9954.0/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 21.848+/-0.094 χ^2/NDF:5343.7/15

Out: 22.906+/-0.097 χ^2/NDF:4548.7/16

All: 22.360+/-0.067 χ^2/NDF: 9954.0/32

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 42.583+/-0.082 χ^2/NDF:3724.6/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 41.254+/-0.080 χ^2/NDF:4235.7/15

Left: 41.908+/-0.057 χ^2/NDF: 8094.8/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 41.254+/-0.080 χ^2/NDF:4235.7/15

Out: 42.583+/-0.082 χ^2/NDF:3724.6/16

All: 41.908+/-0.057 χ^2/NDF: 8094.8/32

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -0.266+/-0.004 χ^2/NDF:740.4/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -0.253+/-0.004 χ^2/NDF:1250.8/15

Left: -0.259+/-0.003 χ^2/NDF: 1997.7/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.253+/-0.004 χ^2/NDF:1250.8/15

Out: -0.266+/-0.004 χ^2/NDF:740.4/16

All: -0.259+/-0.003 χ^2/NDF: 1997.7/32

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.272+/-0.036 χ^2/NDF:4551.3/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.419+/-0.035 χ^2/NDF:6709.5/15

Left: 0.348+/-0.025 χ^2/NDF: 11269.5/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.419+/-0.035 χ^2/NDF:6709.5/15

Out: 0.272+/-0.036 χ^2/NDF:4551.3/16

All: 0.348+/-0.025 χ^2/NDF: 11269.5/32

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -1.231+/-0.026 χ^2/NDF:3779.3/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -1.098+/-0.026 χ^2/NDF:8327.9/15

Left: -1.163+/-0.018 χ^2/NDF: 12120.4/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1.098+/-0.026 χ^2/NDF:8327.9/15

Out: -1.231+/-0.026 χ^2/NDF:3779.3/16

All: -1.163+/-0.018 χ^2/NDF: 12120.4/32

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -6.122+/-0.036 χ^2/NDF:3244.5/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -6.384+/-0.034 χ^2/NDF:5674.8/15

Left: -6.259+/-0.025 χ^2/NDF: 8947.4/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -6.384+/-0.034 χ^2/NDF:5674.8/15

Out: -6.122+/-0.036 χ^2/NDF:3244.5/16

All: -6.259+/-0.025 χ^2/NDF: 8947.4/32

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 19.578+/-0.030 χ^2/NDF:24689.4/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 18.282+/-0.029 χ^2/NDF:25720.8/15

Left: 18.912+/-0.021 χ^2/NDF: 51349.2/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 18.282+/-0.029 χ^2/NDF:25720.8/15

Out: 19.578+/-0.030 χ^2/NDF:24689.4/16

All: 18.912+/-0.021 χ^2/NDF: 51349.2/32

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -0.147+/-0.001 χ^2/NDF:1835.8/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -0.142+/-0.001 χ^2/NDF:3444.0/15

Left: -0.145+/-0.001 χ^2/NDF: 5287.8/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.142+/-0.001 χ^2/NDF:3444.0/15

Out: -0.147+/-0.001 χ^2/NDF:1835.8/16

All: -0.145+/-0.001 χ^2/NDF: 5287.8/32

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -7.055+/-0.097 χ^2/NDF:2718.9/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -6.660+/-0.094 χ^2/NDF:3208.2/15

Left: -6.852+/-0.068 χ^2/NDF: 5935.6/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -6.660+/-0.094 χ^2/NDF:3208.2/15

Out: -7.055+/-0.097 χ^2/NDF:2718.9/16

All: -6.852+/-0.068 χ^2/NDF: 5935.6/32

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 0.596+/-0.169 χ^2/NDF: 291.2/16

Left Out: 1.768+/-0.070 χ^2/NDF:1085.9/16

Right Out: 0.209+/-0.175 χ^2/NDF: 273.5/18

Left In: 1.742+/-0.069 χ^2/NDF:1122.1/15

Left: 1.755+/-0.049 χ^2/NDF: 2208.1/32

Right: 0.409+/-0.121 χ^2/NDF: 567.2/35

In: 1.580+/-0.064 χ^2/NDF:1452.8/32

Out: 1.554+/-0.065 χ^2/NDF:1428.1/35

All: 1.567+/-0.045 χ^2/NDF: 2881.0/68

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -26.012+/-0.300 χ^2/NDF: 692.9/16

Left Out: -29.166+/-0.096 χ^2/NDF:3162.4/16

Right Out: -26.829+/-0.297 χ^2/NDF: 581.6/18

Left In: -28.287+/-0.093 χ^2/NDF:4943.6/15

Left: -28.712+/-0.067 χ^2/NDF: 8149.1/32

Right: -26.423+/-0.211 χ^2/NDF: 1278.3/35

In: -28.087+/-0.089 χ^2/NDF:5689.1/32

Out: -28.944+/-0.092 χ^2/NDF:3799.9/35

All: -28.502+/-0.064 χ^2/NDF: 9534.1/68

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 16.253+/-0.191 χ^2/NDF: 7611.3/16

Left Out: 27.015+/-0.081 χ^2/NDF:853.4/16

Right Out: 15.318+/-0.197 χ^2/NDF: 7280.1/18

Left In: 26.684+/-0.079 χ^2/NDF:868.3/15

Left: 26.847+/-0.057 χ^2/NDF: 1730.3/32

Right: 15.800+/-0.137 χ^2/NDF: 14903.0/35

In: 25.149+/-0.073 χ^2/NDF:11022.4/32

Out: 25.336+/-0.075 χ^2/NDF:11153.4/35

All: 25.241+/-0.052 χ^2/NDF: 22179.0/68

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -0.036+/-0.010 χ^2/NDF: 1014.5/16

Left Out: 0.191+/-0.004 χ^2/NDF:435.5/16

Right Out: -0.132+/-0.010 χ^2/NDF: 1171.3/18

Left In: 0.190+/-0.004 χ^2/NDF:1101.6/15

Left: 0.190+/-0.003 χ^2/NDF: 1537.1/32

Right: -0.084+/-0.007 χ^2/NDF: 2229.1/35

In: 0.164+/-0.003 χ^2/NDF:2540.2/32

Out: 0.152+/-0.004 χ^2/NDF:2461.3/35

All: 0.159+/-0.002 χ^2/NDF: 5007.2/68

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -18.678+/-0.194 χ^2/NDF:2069.5/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -17.967+/-0.189 χ^2/NDF:2091.5/15

Left: -18.313+/-0.136 χ^2/NDF: 4167.9/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -17.967+/-0.189 χ^2/NDF:2091.5/15

Out: -18.678+/-0.194 χ^2/NDF:2069.5/16

All: -18.313+/-0.136 χ^2/NDF: 4167.9/32

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -3.030+/-0.408 χ^2/NDF: 280.8/16

Left Out: -0.479+/-0.140 χ^2/NDF:866.2/16

Right Out: -4.694+/-0.427 χ^2/NDF: 298.3/18

Left In: -0.448+/-0.137 χ^2/NDF:985.0/15

Left: -0.463+/-0.098 χ^2/NDF: 1851.2/32

Right: -3.824+/-0.295 χ^2/NDF: 587.0/35

In: -0.712+/-0.130 χ^2/NDF:1301.9/32

Out: -0.889+/-0.133 χ^2/NDF:1252.6/35

All: -0.798+/-0.093 χ^2/NDF: 2555.3/68

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -62.887+/-0.738 χ^2/NDF: 368.7/16

Left Out: -60.338+/-0.194 χ^2/NDF:3258.2/16

Right Out: -64.502+/-0.751 χ^2/NDF: 444.1/18

Left In: -58.389+/-0.187 χ^2/NDF:4734.9/15

Left: -59.329+/-0.134 χ^2/NDF: 8045.6/32

Right: -63.680+/-0.526 χ^2/NDF: 815.2/35

In: -58.660+/-0.181 χ^2/NDF:5138.5/32

Out: -60.597+/-0.188 χ^2/NDF:3731.1/35

All: -59.595+/-0.130 χ^2/NDF: 8924.8/68

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 28.425+/-0.457 χ^2/NDF: 3330.3/16

Left Out: 40.334+/-0.162 χ^2/NDF:633.9/16

Right Out: 27.441+/-0.479 χ^2/NDF: 3033.0/18

Left In: 40.131+/-0.159 χ^2/NDF:776.4/15

Left: 40.231+/-0.114 χ^2/NDF: 1411.2/32

Right: 27.956+/-0.331 χ^2/NDF: 6365.5/35

In: 38.865+/-0.150 χ^2/NDF:4691.7/32

Out: 39.007+/-0.154 χ^2/NDF:4317.8/35

All: 38.934+/-0.107 χ^2/NDF: 9009.9/68

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -0.326+/-0.025 χ^2/NDF: 1013.0/16

Left Out: 0.195+/-0.008 χ^2/NDF:309.0/16

Right Out: -0.510+/-0.026 χ^2/NDF: 1169.4/18

Left In: 0.193+/-0.007 χ^2/NDF:677.7/15

Left: 0.194+/-0.005 χ^2/NDF: 986.8/32

Right: -0.415+/-0.018 χ^2/NDF: 2208.8/35

In: 0.151+/-0.007 χ^2/NDF:2090.0/32

Out: 0.138+/-0.007 χ^2/NDF:2170.6/35

All: 0.145+/-0.005 χ^2/NDF: 4262.2/68

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 5.780+/-0.050 χ^2/NDF:1491.2/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 5.610+/-0.049 χ^2/NDF:1240.9/15

Left: 5.693+/-0.035 χ^2/NDF: 2737.9/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5.610+/-0.049 χ^2/NDF:1240.9/15

Out: 5.780+/-0.050 χ^2/NDF:1491.2/16

All: 5.693+/-0.035 χ^2/NDF: 2737.9/32

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 1.836+/-0.116 χ^2/NDF: 294.9/16

Left Out: 1.107+/-0.037 χ^2/NDF:721.4/16

Right Out: 2.365+/-0.123 χ^2/NDF: 336.4/18

Left In: 1.077+/-0.036 χ^2/NDF:935.6/15

Left: 1.092+/-0.026 χ^2/NDF: 1657.4/32

Right: 2.086+/-0.084 χ^2/NDF: 641.1/35

In: 1.143+/-0.034 χ^2/NDF:1269.6/32

Out: 1.210+/-0.035 χ^2/NDF:1154.4/35

All: 1.175+/-0.024 χ^2/NDF: 2425.9/68

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 17.418+/-0.212 χ^2/NDF: 366.8/16

Left Out: 15.599+/-0.050 χ^2/NDF:3290.4/16

Right Out: 17.929+/-0.219 χ^2/NDF: 506.3/18

Left In: 15.094+/-0.049 χ^2/NDF:4577.7/15

Left: 15.338+/-0.035 χ^2/NDF: 7920.2/32

Right: 17.665+/-0.152 χ^2/NDF: 876.0/35

In: 15.211+/-0.047 χ^2/NDF:5059.0/32

Out: 15.716+/-0.049 χ^2/NDF:3904.4/35

All: 15.455+/-0.034 χ^2/NDF: 9018.3/68

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -4.526+/-0.130 χ^2/NDF: 1590.2/16

Left Out: -6.664+/-0.042 χ^2/NDF:637.2/16

Right Out: -4.459+/-0.137 χ^2/NDF: 1338.9/18

Left In: -6.733+/-0.041 χ^2/NDF:945.1/15

Left: -6.699+/-0.030 χ^2/NDF: 1583.7/32

Right: -4.494+/-0.094 χ^2/NDF: 2929.2/35

In: -6.528+/-0.039 χ^2/NDF:2798.8/32

Out: -6.472+/-0.040 χ^2/NDF:2212.7/35

All: -6.501+/-0.028 χ^2/NDF: 5012.5/68

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.143+/-0.007 χ^2/NDF: 1060.4/16

Left Out: -0.002+/-0.002 χ^2/NDF:210.1/16

Right Out: 0.182+/-0.007 χ^2/NDF: 1007.8/18

Left In: -0.001+/-0.002 χ^2/NDF:353.5/15

Left: -0.002+/-0.001 χ^2/NDF: 563.6/32

Right: 0.161+/-0.005 χ^2/NDF: 2082.4/35

In: 0.009+/-0.002 χ^2/NDF:1805.0/32

Out: 0.011+/-0.002 χ^2/NDF:1792.4/35

All: 0.010+/-0.001 χ^2/NDF: 3597.9/68

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -12.875+/-0.145 χ^2/NDF:2284.2/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -12.325+/-0.141 χ^2/NDF:2444.3/15

Left: -12.592+/-0.101 χ^2/NDF: 4735.9/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -12.325+/-0.141 χ^2/NDF:2444.3/15

Out: -12.875+/-0.145 χ^2/NDF:2284.2/16

All: -12.592+/-0.101 χ^2/NDF: 4735.9/32

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -1.220+/-0.290 χ^2/NDF: 278.6/16

Left Out: 0.637+/-0.104 χ^2/NDF:931.8/16

Right Out: -2.302+/-0.302 χ^2/NDF: 286.2/18

Left In: 0.639+/-0.103 χ^2/NDF:1019.8/15

Left: 0.638+/-0.073 χ^2/NDF: 1951.6/32

Right: -1.738+/-0.209 χ^2/NDF: 571.5/35

In: 0.433+/-0.097 χ^2/NDF:1335.0/32

Out: 0.324+/-0.099 χ^2/NDF:1302.4/35

All: 0.380+/-0.069 χ^2/NDF: 2638.0/68

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -44.908+/-0.523 χ^2/NDF: 421.2/16

Left Out: -44.752+/-0.144 χ^2/NDF:3233.1/16

Right Out: -46.071+/-0.528 χ^2/NDF: 454.0/18

Left In: -43.330+/-0.139 χ^2/NDF:4799.6/15

Left: -44.016+/-0.100 χ^2/NDF: 8083.0/32

Right: -45.483+/-0.371 χ^2/NDF: 877.6/35

In: -43.434+/-0.135 χ^2/NDF:5229.3/32

Out: -44.844+/-0.139 χ^2/NDF:3692.9/35

All: -44.115+/-0.097 χ^2/NDF: 8975.1/68

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 23.073+/-0.326 χ^2/NDF: 4346.0/16

Left Out: 33.673+/-0.121 χ^2/NDF:681.7/16

Right Out: 22.122+/-0.340 χ^2/NDF: 4034.4/18

Left In: 33.404+/-0.119 χ^2/NDF:775.6/15

Left: 33.536+/-0.085 χ^2/NDF: 1459.9/32

Right: 22.617+/-0.235 χ^2/NDF: 8384.4/35

In: 32.193+/-0.112 χ^2/NDF:6008.2/32

Out: 32.376+/-0.114 χ^2/NDF:5741.4/35

All: 32.283+/-0.080 χ^2/NDF: 11750.9/68

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -0.182+/-0.018 χ^2/NDF: 998.1/16

Left Out: 0.193+/-0.006 χ^2/NDF:349.1/16

Right Out: -0.323+/-0.018 χ^2/NDF: 1184.5/18

Left In: 0.192+/-0.006 χ^2/NDF:811.2/15

Left: 0.192+/-0.004 χ^2/NDF: 1160.4/32

Right: -0.251+/-0.013 χ^2/NDF: 2213.4/35

In: 0.158+/-0.005 χ^2/NDF:2214.8/32

Out: 0.147+/-0.005 χ^2/NDF:2270.3/35

All: 0.153+/-0.004 χ^2/NDF: 4487.4/68

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -23.119+/-0.678 χ^2/NDF:949.2/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -24.737+/-0.671 χ^2/NDF:765.4/15

Left: -23.937+/-0.477 χ^2/NDF: 1717.5/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -24.737+/-0.671 χ^2/NDF:765.4/15

Out: -23.119+/-0.678 χ^2/NDF:949.2/16

All: -23.937+/-0.477 χ^2/NDF: 1717.5/32

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 16.512+/-0.847 χ^2/NDF: 519.6/16

Left Out: 6.271+/-0.479 χ^2/NDF:180.7/16

Right Out: 19.604+/-0.898 χ^2/NDF: 242.0/18

Left In: 7.806+/-0.486 χ^2/NDF:232.0/15

Left: 7.027+/-0.341 χ^2/NDF: 417.7/32

Right: 17.968+/-0.616 χ^2/NDF: 767.9/35

In: 9.963+/-0.422 χ^2/NDF:831.0/32

Out: 9.225+/-0.423 χ^2/NDF:594.1/35

All: 9.595+/-0.299 χ^2/NDF: 1426.7/68

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 75.009+/-1.636 χ^2/NDF: 1999.3/16

Left Out: 58.604+/-0.666 χ^2/NDF:2256.8/16

Right Out: 93.140+/-1.711 χ^2/NDF: 2002.3/18

Left In: 62.632+/-0.657 χ^2/NDF:1113.8/15

Left: 60.647+/-0.468 χ^2/NDF: 3389.1/32

Right: 83.668+/-1.183 χ^2/NDF: 4060.3/35

In: 64.349+/-0.609 χ^2/NDF:3162.5/32

Out: 63.147+/-0.621 χ^2/NDF:4612.8/35

All: 63.759+/-0.435 χ^2/NDF: 7777.2/68

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -33.005+/-0.972 χ^2/NDF: 493.1/16

Left Out: -10.477+/-0.558 χ^2/NDF:257.0/16

Right Out: -36.260+/-1.025 χ^2/NDF: 297.1/18

Left In: -12.212+/-0.564 χ^2/NDF:502.9/15

Left: -11.335+/-0.397 χ^2/NDF: 764.6/32

Right: -34.545+/-0.705 χ^2/NDF: 795.4/35

In: -17.452+/-0.488 χ^2/NDF:1338.4/32

Out: -16.371+/-0.490 χ^2/NDF:1041.8/35

All: -16.914+/-0.346 χ^2/NDF: 2382.7/68

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -8.751+/-0.059 χ^2/NDF: 576012.4/16

Left Out: -21.889+/-0.026 χ^2/NDF:182075.0/16

Right Out: -13.143+/-0.062 χ^2/NDF: 558628.0/18

Left In: -22.084+/-0.026 χ^2/NDF:119301.5/15

Left: -21.988+/-0.018 χ^2/NDF: 301404.9/32

Right: -10.840+/-0.043 χ^2/NDF: 1137294.9/35

In: -19.947+/-0.024 χ^2/NDF:738480.0/32

Out: -20.560+/-0.024 χ^2/NDF:757726.3/35

All: -20.247+/-0.017 χ^2/NDF: 1496538.6/68

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -479.401+/-2.721 χ^2/NDF:3294.4/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -523.693+/-2.786 χ^2/NDF:646.3/15

Left: -501.023+/-1.947 χ^2/NDF: 4070.0/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -523.693+/-2.786 χ^2/NDF:646.3/15

Out: -479.401+/-2.721 χ^2/NDF:3294.4/16

All: -501.023+/-1.947 χ^2/NDF: 4070.0/32

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -3.773+/-1.889 χ^2/NDF: 314.3/16

Left Out: 7.060+/-1.842 χ^2/NDF:157.9/16

Right Out: 1.265+/-1.920 χ^2/NDF: 303.7/18

Left In: 8.402+/-1.936 χ^2/NDF:140.2/15

Left: 7.698+/-1.334 χ^2/NDF: 298.4/32

Right: -1.296+/-1.346 χ^2/NDF: 621.6/35

In: 2.164+/-1.352 χ^2/NDF:474.8/32

Out: 4.283+/-1.329 χ^2/NDF:466.4/35

All: 3.242+/-0.948 χ^2/NDF: 942.5/68

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 478.526+/-3.630 χ^2/NDF: 1629.0/16

Left Out: 411.587+/-2.689 χ^2/NDF:3252.7/16

Right Out: 474.328+/-3.533 χ^2/NDF: 2287.1/18

Left In: 450.766+/-2.726 χ^2/NDF:757.4/15

Left: 430.909+/-1.915 χ^2/NDF: 4114.7/32

Right: 476.370+/-2.532 χ^2/NDF: 3916.8/35

In: 460.777+/-2.180 χ^2/NDF:2423.8/32

Out: 434.607+/-2.140 χ^2/NDF:5739.5/35

All: 447.449+/-1.527 χ^2/NDF: 8236.7/68

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 117.585+/-2.193 χ^2/NDF: 706.9/16

Left Out: 134.334+/-2.198 χ^2/NDF:585.9/16

Right Out: 109.400+/-2.210 χ^2/NDF: 571.2/18

Left In: 145.535+/-2.287 χ^2/NDF:249.9/15

Left: 139.711+/-1.585 χ^2/NDF: 848.2/32

Right: 113.524+/-1.557 χ^2/NDF: 1285.0/35

In: 130.972+/-1.583 χ^2/NDF:1034.6/32

Out: 121.935+/-1.558 χ^2/NDF:1221.1/35

All: 126.382+/-1.110 χ^2/NDF: 2272.2/68

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -216.796+/-0.136 χ^2/NDF: 146976.1/16

Left Out: -280.618+/-0.108 χ^2/NDF:546185.8/16

Right Out: -212.869+/-0.130 χ^2/NDF: 116393.6/18

Left In: -300.958+/-0.109 χ^2/NDF:41206.1/15

Left: -290.738+/-0.077 χ^2/NDF: 605017.7/32

Right: -214.751+/-0.094 χ^2/NDF: 263806.1/35

In: -268.084+/-0.085 χ^2/NDF:422760.0/32

Out: -252.971+/-0.083 χ^2/NDF:822966.3/35

All: -260.380+/-0.059 χ^2/NDF: 1261925.1/68

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -55.270+/-0.760 χ^2/NDF:660.6/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -53.012+/-0.755 χ^2/NDF:538.4/15

Left: -54.134+/-0.535 χ^2/NDF: 1203.4/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -53.012+/-0.755 χ^2/NDF:538.4/15

Out: -55.270+/-0.760 χ^2/NDF:660.6/16

All: -54.134+/-0.535 χ^2/NDF: 1203.4/32

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 18.279+/-0.906 χ^2/NDF: 204.6/16

Left Out: 9.187+/-0.536 χ^2/NDF:120.7/16

Right Out: 18.882+/-0.864 χ^2/NDF: 198.4/18

Left In: 8.919+/-0.547 χ^2/NDF:112.0/15

Left: 9.055+/-0.383 χ^2/NDF: 232.8/32

Right: 18.595+/-0.625 χ^2/NDF: 403.2/35

In: 11.418+/-0.468 χ^2/NDF:394.9/32

Out: 11.878+/-0.455 χ^2/NDF:410.0/35

All: 11.654+/-0.326 χ^2/NDF: 805.4/68

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 50.482+/-1.668 χ^2/NDF: 357.9/16

Left Out: -3.097+/-0.746 χ^2/NDF:818.8/16

Right Out: 44.222+/-1.602 χ^2/NDF: 534.4/18

Left In: -5.477+/-0.739 χ^2/NDF:702.3/15

Left: -4.299+/-0.525 χ^2/NDF: 1526.2/32

Right: 47.226+/-1.156 χ^2/NDF: 899.6/35

In: 3.699+/-0.675 χ^2/NDF:2001.2/32

Out: 5.339+/-0.677 χ^2/NDF:2069.7/35

All: 4.517+/-0.478 χ^2/NDF: 4073.8/68

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -33.292+/-1.033 χ^2/NDF: 289.1/16

Left Out: -15.690+/-0.625 χ^2/NDF:184.7/16

Right Out: -35.566+/-0.992 χ^2/NDF: 287.6/18

Left In: -15.784+/-0.634 χ^2/NDF:285.2/15

Left: -15.736+/-0.445 χ^2/NDF: 469.9/32

Right: -34.474+/-0.716 χ^2/NDF: 579.3/35

In: -20.570+/-0.540 χ^2/NDF:783.0/32

Out: -21.332+/-0.529 χ^2/NDF:759.6/35

All: -20.959+/-0.378 χ^2/NDF: 1543.6/68

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -21.476+/-0.059 χ^2/NDF: 49009.8/16

Left Out: -21.918+/-0.029 χ^2/NDF:126518.7/16

Right Out: -18.506+/-0.057 χ^2/NDF: 80734.5/18

Left In: -20.497+/-0.029 χ^2/NDF:84454.8/15

Left: -21.198+/-0.021 χ^2/NDF: 212170.2/32

Right: -19.957+/-0.041 χ^2/NDF: 131054.3/35

In: -20.688+/-0.026 χ^2/NDF:133688.9/32

Out: -21.214+/-0.026 χ^2/NDF:210062.6/35

All: -20.949+/-0.018 χ^2/NDF: 343956.8/68

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -440.286+/-2.469 χ^2/NDF:744.1/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -443.845+/-2.484 χ^2/NDF:707.6/15

Left: -442.055+/-1.751 χ^2/NDF: 1452.8/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -443.845+/-2.484 χ^2/NDF:707.6/15

Out: -440.286+/-2.469 χ^2/NDF:744.1/16

All: -442.055+/-1.751 χ^2/NDF: 1452.8/32

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -17.765+/-2.781 χ^2/NDF: 363.9/16

Left Out: 6.154+/-1.675 χ^2/NDF:276.2/16

Right Out: -9.417+/-2.613 χ^2/NDF: 369.6/18

Left In: 6.725+/-1.726 χ^2/NDF:280.9/15

Left: 6.431+/-1.202 χ^2/NDF: 557.1/32

Right: -13.331+/-1.905 χ^2/NDF: 738.2/35

In: -0.084+/-1.467 χ^2/NDF:700.7/32

Out: 1.622+/-1.410 χ^2/NDF:671.0/35

All: 0.802+/-1.016 χ^2/NDF: 1372.4/68

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 675.871+/-5.037 χ^2/NDF: 2586.4/16

Left Out: 543.423+/-2.438 χ^2/NDF:651.2/16

Right Out: 645.014+/-4.761 χ^2/NDF: 3123.3/18

Left In: 542.601+/-2.433 χ^2/NDF:747.3/15

Left: 543.011+/-1.722 χ^2/NDF: 1398.5/32

Right: 659.573+/-3.460 χ^2/NDF: 5729.5/35

In: 567.810+/-2.191 χ^2/NDF:3901.3/32

Out: 564.526+/-2.170 χ^2/NDF:4135.2/35

All: 566.152+/-1.542 χ^2/NDF: 8037.6/68

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 175.341+/-3.203 χ^2/NDF: 638.5/16

Left Out: 129.267+/-1.997 χ^2/NDF:505.3/16

Right Out: 149.966+/-3.045 χ^2/NDF: 693.2/18

Left In: 127.558+/-2.039 χ^2/NDF:462.6/15

Left: 128.430+/-1.427 χ^2/NDF: 968.3/32

Right: 162.013+/-2.207 χ^2/NDF: 1364.6/35

In: 141.343+/-1.720 χ^2/NDF:1259.4/32

Out: 135.490+/-1.670 χ^2/NDF:1230.8/35

All: 138.329+/-1.198 χ^2/NDF: 2496.2/68

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -238.248+/-0.160 χ^2/NDF: 167125.9/16

Left Out: -267.446+/-0.098 χ^2/NDF:32626.9/16

Right Out: -226.706+/-0.151 χ^2/NDF: 102831.3/18

Left In: -263.755+/-0.097 χ^2/NDF:20933.2/15

Left: -265.581+/-0.069 χ^2/NDF: 54278.2/32

Right: -232.150+/-0.110 χ^2/NDF: 272709.4/35

In: -256.908+/-0.083 χ^2/NDF:206669.6/32

Out: -255.396+/-0.082 χ^2/NDF:186653.2/35

All: -256.146+/-0.058 χ^2/NDF: 393490.6/68

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -251.137+/-1.497 χ^2/NDF:3240.1/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -274.655+/-1.530 χ^2/NDF:794.4/15

Left: -262.639+/-1.070 χ^2/NDF: 4155.2/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -274.655+/-1.530 χ^2/NDF:794.4/15

Out: -251.137+/-1.497 χ^2/NDF:3240.1/16

All: -262.639+/-1.070 χ^2/NDF: 4155.2/32

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 4.896+/-1.089 χ^2/NDF: 312.0/16

Left Out: 6.808+/-1.014 χ^2/NDF:164.2/16

Right Out: 5.534+/-1.071 χ^2/NDF: 239.1/18

Left In: 8.971+/-1.064 χ^2/NDF:168.8/15

Left: 7.837+/-0.734 χ^2/NDF: 335.1/32

Right: 5.220+/-0.764 χ^2/NDF: 551.3/35

In: 6.981+/-0.761 χ^2/NDF:487.9/32

Out: 6.206+/-0.736 χ^2/NDF:404.1/35

All: 6.581+/-0.529 χ^2/NDF: 892.5/68

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 201.807+/-1.970 χ^2/NDF: 6754.2/16

Left Out: 232.024+/-1.477 χ^2/NDF:4304.2/16

Right Out: 195.053+/-1.924 χ^2/NDF: 8257.1/18

Left In: 256.804+/-1.496 χ^2/NDF:996.0/15

Left: 244.262+/-1.051 χ^2/NDF: 5439.2/32

Right: 198.351+/-1.377 χ^2/NDF: 15017.4/35

In: 236.699+/-1.191 χ^2/NDF:8244.5/32

Out: 218.314+/-1.172 χ^2/NDF:12793.5/35

All: 227.355+/-0.835 χ^2/NDF: 21159.1/68

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 40.196+/-1.268 χ^2/NDF: 735.0/16

Left Out: 61.600+/-1.208 χ^2/NDF:456.4/16

Right Out: 32.999+/-1.253 χ^2/NDF: 554.1/18

Left In: 65.115+/-1.256 χ^2/NDF:318.4/15

Left: 63.289+/-0.871 χ^2/NDF: 778.8/32

Right: 36.555+/-0.891 χ^2/NDF: 1305.3/35

In: 52.769+/-0.892 χ^2/NDF:1248.4/32

Out: 47.819+/-0.869 χ^2/NDF:1280.6/35

All: 50.230+/-0.623 χ^2/NDF: 2544.8/68

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -58.155+/-0.062 χ^2/NDF: 1105509.3/16

Left Out: -150.539+/-0.059 χ^2/NDF:579889.0/16

Right Out: -54.914+/-0.060 χ^2/NDF: 1003885.5/18

Left In: -161.362+/-0.060 χ^2/NDF:66625.6/15

Left: -155.930+/-0.042 χ^2/NDF: 663110.9/32

Right: -56.499+/-0.043 χ^2/NDF: 2110811.0/35

In: -111.507+/-0.043 χ^2/NDF:2624486.4/32

Out: -103.466+/-0.042 χ^2/NDF:2863997.6/35

All: -107.435+/-0.030 χ^2/NDF: 5506361.4/68

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 231.942+/-1.323 χ^2/NDF:2413.9/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 248.004+/-1.343 χ^2/NDF:451.6/15

Left: 239.855+/-0.943 χ^2/NDF: 2938.1/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 248.004+/-1.343 χ^2/NDF:451.6/15

Out: 231.942+/-1.323 χ^2/NDF:2413.9/16

All: 239.855+/-0.943 χ^2/NDF: 2938.1/32

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 13.423+/-0.920 χ^2/NDF: 295.2/16

Left Out: 0.362+/-0.902 χ^2/NDF:166.7/16

Right Out: 10.908+/-0.916 χ^2/NDF: 302.6/18

Left In: 0.803+/-0.939 χ^2/NDF:113.7/15

Left: 0.573+/-0.650 χ^2/NDF: 280.5/32

Right: 12.160+/-0.649 χ^2/NDF: 601.6/35

In: 7.242+/-0.657 χ^2/NDF:501.2/32

Out: 5.553+/-0.643 χ^2/NDF:536.6/35

All: 6.379+/-0.459 χ^2/NDF: 1041.1/68

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -201.384+/-1.779 χ^2/NDF: 623.5/16

Left Out: -182.105+/-1.309 χ^2/NDF:1526.3/16

Right Out: -185.739+/-1.700 χ^2/NDF: 1749.3/18

Left In: -192.998+/-1.317 χ^2/NDF:458.1/15

Left: -187.519+/-0.928 χ^2/NDF: 2018.8/32

Right: -193.204+/-1.229 χ^2/NDF: 2413.2/35

In: -195.966+/-1.059 χ^2/NDF:1095.9/32

Out: -183.458+/-1.037 χ^2/NDF:3278.5/35

All: -189.584+/-0.741 χ^2/NDF: 4445.6/68

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -77.877+/-1.066 χ^2/NDF: 658.2/16

Left Out: -75.037+/-1.074 χ^2/NDF:645.3/16

Right Out: -72.612+/-1.054 χ^2/NDF: 606.9/18

Left In: -80.632+/-1.107 χ^2/NDF:185.6/15

Left: -77.748+/-0.771 χ^2/NDF: 844.0/32

Right: -75.215+/-0.749 χ^2/NDF: 1277.4/35

In: -79.202+/-0.768 χ^2/NDF:846.9/32

Out: -73.801+/-0.752 χ^2/NDF:1254.7/35

All: -76.446+/-0.537 χ^2/NDF: 2126.9/68

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 103.188+/-0.070 χ^2/NDF: 273587.8/16

Left Out: 131.996+/-0.052 χ^2/NDF:346396.8/16

Right Out: 85.121+/-0.064 χ^2/NDF: 423521.4/18

Left In: 139.243+/-0.052 χ^2/NDF:14188.6/15

Left: 135.625+/-0.037 χ^2/NDF: 370127.6/32

Right: 93.266+/-0.047 χ^2/NDF: 733347.5/35

In: 126.368+/-0.042 χ^2/NDF:456721.6/32

Out: 113.045+/-0.041 χ^2/NDF:1092239.0/35

All: 119.463+/-0.029 χ^2/NDF: 1601043.2/68

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -249.017+/-1.373 χ^2/NDF:717.6/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -249.339+/-1.375 χ^2/NDF:709.9/15

Left: -249.178+/-0.972 χ^2/NDF: 1427.6/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -249.339+/-1.375 χ^2/NDF:709.9/15

Out: -249.017+/-1.373 χ^2/NDF:717.6/16

All: -249.178+/-0.972 χ^2/NDF: 1427.6/32

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -1.492+/-1.513 χ^2/NDF: 226.1/16

Left Out: 8.325+/-0.929 χ^2/NDF:261.0/16

Right Out: 2.127+/-1.402 χ^2/NDF: 232.6/18

Left In: 8.543+/-0.954 χ^2/NDF:267.0/15

Left: 8.431+/-0.665 χ^2/NDF: 528.1/32

Right: 0.455+/-1.029 χ^2/NDF: 461.8/35

In: 5.688+/-0.807 χ^2/NDF:524.6/32

Out: 6.436+/-0.774 χ^2/NDF:507.2/35

All: 6.077+/-0.559 χ^2/NDF: 1032.3/68

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 372.263+/-2.759 χ^2/NDF: 2433.1/16

Left Out: 270.467+/-1.351 χ^2/NDF:775.9/16

Right Out: 345.135+/-2.562 χ^2/NDF: 3416.5/18

Left In: 268.863+/-1.344 χ^2/NDF:860.9/15

Left: 269.660+/-0.953 χ^2/NDF: 1637.5/32

Right: 357.695+/-1.878 χ^2/NDF: 5901.5/35

In: 288.677+/-1.208 χ^2/NDF:4429.1/32

Out: 286.720+/-1.195 χ^2/NDF:4856.8/35

All: 287.688+/-0.850 χ^2/NDF: 9287.2/68

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 70.867+/-1.743 χ^2/NDF: 427.0/16

Left Out: 55.579+/-1.107 χ^2/NDF:479.6/16

Right Out: 59.546+/-1.633 χ^2/NDF: 490.9/18

Left In: 54.525+/-1.126 χ^2/NDF:471.5/15

Left: 55.061+/-0.789 χ^2/NDF: 951.6/32

Right: 64.838+/-1.192 χ^2/NDF: 940.3/35

In: 59.340+/-0.946 χ^2/NDF:960.5/32

Out: 56.827+/-0.916 χ^2/NDF:974.5/35

All: 58.043+/-0.658 χ^2/NDF: 1938.7/68

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -127.105+/-0.089 χ^2/NDF: 167064.7/16

Left Out: -144.508+/-0.054 χ^2/NDF:68899.5/16

Right Out: -116.369+/-0.083 χ^2/NDF: 167595.6/18

Left In: -141.910+/-0.053 χ^2/NDF:43993.5/15

Left: -143.190+/-0.038 χ^2/NDF: 114057.6/32

Right: -121.332+/-0.061 χ^2/NDF: 342408.2/35

In: -138.016+/-0.046 χ^2/NDF:231255.4/32

Out: -136.083+/-0.045 χ^2/NDF:317167.9/35

All: -137.039+/-0.032 χ^2/NDF: 549320.8/68

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 189.370+/-1.216 χ^2/NDF:747.7/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 193.225+/-1.230 χ^2/NDF:658.1/15

Left: 191.275+/-0.865 χ^2/NDF: 1410.7/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 193.225+/-1.230 χ^2/NDF:658.1/15

Out: 189.370+/-1.216 χ^2/NDF:747.7/16

All: 191.275+/-0.865 χ^2/NDF: 1410.7/32

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 19.416+/-1.480 χ^2/NDF: 441.1/16

Left Out: 3.021+/-0.835 χ^2/NDF:263.7/16

Right Out: 14.055+/-1.392 χ^2/NDF: 436.5/18

Left In: 2.392+/-0.864 χ^2/NDF:261.1/15

Left: 2.717+/-0.601 χ^2/NDF: 525.1/32

Right: 16.572+/-1.014 χ^2/NDF: 884.6/35

In: 6.722+/-0.746 χ^2/NDF:800.9/32

Out: 5.942+/-0.716 χ^2/NDF:746.5/35

All: 6.316+/-0.517 χ^2/NDF: 1547.9/68

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -323.721+/-2.668 χ^2/NDF: 1850.8/16

Left Out: -271.038+/-1.206 χ^2/NDF:500.9/16

Right Out: -310.223+/-2.523 χ^2/NDF: 2300.0/18

Left In: -272.534+/-1.208 χ^2/NDF:568.8/15

Left: -271.784+/-0.854 χ^2/NDF: 1070.5/32

Right: -316.595+/-1.833 χ^2/NDF: 4164.2/35

In: -281.247+/-1.101 χ^2/NDF:2725.0/32

Out: -278.323+/-1.088 χ^2/NDF:2997.3/35

All: -279.767+/-0.774 χ^2/NDF: 5725.8/68

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -105.309+/-1.693 χ^2/NDF: 737.5/16

Left Out: -74.774+/-0.992 χ^2/NDF:466.8/16

Right Out: -93.680+/-1.612 χ^2/NDF: 826.5/18

Left In: -73.712+/-1.018 χ^2/NDF:401.0/15

Left: -74.256+/-0.710 χ^2/NDF: 868.4/32

Right: -99.207+/-1.167 χ^2/NDF: 1588.8/35

In: -82.097+/-0.872 χ^2/NDF:1394.3/32

Out: -79.968+/-0.845 χ^2/NDF:1393.2/35

All: -80.998+/-0.607 χ^2/NDF: 2790.6/68

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 108.461+/-0.085 χ^2/NDF: 73302.1/16

Left Out: 122.103+/-0.048 χ^2/NDF:3491.3/16

Right Out: 102.570+/-0.079 χ^2/NDF: 53143.8/18

Left In: 121.390+/-0.048 χ^2/NDF:2779.1/15

Left: 121.745+/-0.034 χ^2/NDF: 6380.1/32

Right: 105.327+/-0.058 χ^2/NDF: 129018.0/35

In: 118.247+/-0.042 χ^2/NDF:93709.7/32

Out: 116.838+/-0.041 χ^2/NDF:100776.9/35

All: 117.534+/-0.029 χ^2/NDF: 195062.1/68

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -38.460+/-0.524 χ^2/NDF:1043.2/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -38.391+/-0.520 χ^2/NDF:990.5/15

Left: -38.425+/-0.369 χ^2/NDF: 2033.7/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -38.391+/-0.520 χ^2/NDF:990.5/15

Out: -38.460+/-0.524 χ^2/NDF:1043.2/16

All: -38.425+/-0.369 χ^2/NDF: 2033.7/32

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 18.906+/-0.644 χ^2/NDF: 618.9/16

Left Out: 7.576+/-0.368 χ^2/NDF:221.6/16

Right Out: 20.390+/-0.644 χ^2/NDF: 365.3/18

Left In: 8.511+/-0.375 χ^2/NDF:284.5/15

Left: 8.035+/-0.263 χ^2/NDF: 509.3/32

Right: 19.648+/-0.455 χ^2/NDF: 986.9/35

In: 11.146+/-0.324 χ^2/NDF:1098.3/32

Out: 10.730+/-0.319 χ^2/NDF:885.5/35

All: 10.935+/-0.227 χ^2/NDF: 1984.6/68

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 73.071+/-1.228 χ^2/NDF: 1200.0/16

Left Out: 26.704+/-0.514 χ^2/NDF:1541.1/16

Right Out: 78.241+/-1.223 χ^2/NDF: 1542.7/18

Left In: 28.049+/-0.508 χ^2/NDF:1393.5/15

Left: 27.384+/-0.361 χ^2/NDF: 2938.1/32

Right: 75.667+/-0.866 χ^2/NDF: 2751.5/35

In: 34.632+/-0.469 χ^2/NDF:3741.4/32

Out: 34.439+/-0.474 χ^2/NDF:4594.1/35

All: 34.537+/-0.333 χ^2/NDF: 8335.6/68

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -33.991+/-0.736 χ^2/NDF: 719.8/16

Left Out: -13.007+/-0.429 χ^2/NDF:353.0/16

Right Out: -36.719+/-0.737 χ^2/NDF: 542.9/18

Left In: -14.350+/-0.435 χ^2/NDF:683.0/15

Left: -13.669+/-0.306 χ^2/NDF: 1040.8/32

Right: -35.354+/-0.521 χ^2/NDF: 1269.6/35

In: -19.437+/-0.375 χ^2/NDF:1930.1/32

Out: -19.016+/-0.371 χ^2/NDF:1669.2/35

All: -19.224+/-0.264 χ^2/NDF: 3599.9/68

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -16.408+/-0.044 χ^2/NDF: 474368.4/16

Left Out: -21.429+/-0.020 χ^2/NDF:191262.1/16

Right Out: -18.934+/-0.045 χ^2/NDF: 434152.2/18

Left In: -21.029+/-0.020 χ^2/NDF:162745.6/15

Left: -21.226+/-0.014 χ^2/NDF: 354206.5/32

Right: -17.648+/-0.032 χ^2/NDF: 910108.0/35

In: -20.258+/-0.018 χ^2/NDF:646130.1/32

Out: -21.015+/-0.018 χ^2/NDF:627951.1/35

All: -20.631+/-0.013 χ^2/NDF: 1274939.6/68

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 15.499+/-0.496 χ^2/NDF:311.2/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 13.797+/-0.491 χ^2/NDF:118.9/15

Left: 14.639+/-0.349 χ^2/NDF: 436.0/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 13.797+/-0.491 χ^2/NDF:118.9/15

Out: 15.499+/-0.496 χ^2/NDF:311.2/16

All: 14.639+/-0.349 χ^2/NDF: 436.0/32

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -0.414+/-0.653 χ^2/NDF: 119.9/16

Left Out: -1.383+/-0.353 χ^2/NDF:28.4/16

Right Out: -0.342+/-0.658 χ^2/NDF: 83.7/18

Left In: -0.632+/-0.358 χ^2/NDF:28.3/15

Left: -1.013+/-0.251 χ^2/NDF: 58.9/32

Right: -0.378+/-0.463 χ^2/NDF: 203.7/35

In: -0.582+/-0.314 χ^2/NDF:148.3/32

Out: -1.150+/-0.311 χ^2/NDF:114.0/35

All: -0.869+/-0.221 χ^2/NDF: 264.0/68

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 17.328+/-1.239 χ^2/NDF: 943.2/16

Left Out: 31.407+/-0.489 χ^2/NDF:1202.5/16

Right Out: 25.701+/-1.243 χ^2/NDF: 1379.1/18

Left In: 34.463+/-0.482 χ^2/NDF:143.9/15

Left: 32.956+/-0.343 χ^2/NDF: 1366.2/32

Right: 21.501+/-0.877 χ^2/NDF: 2345.0/35

In: 32.211+/-0.449 χ^2/NDF:1253.2/32

Out: 30.643+/-0.455 χ^2/NDF:2599.8/35

All: 31.437+/-0.320 χ^2/NDF: 3859.1/68

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -0.059+/-0.744 χ^2/NDF: 76.5/16

Left Out: 2.578+/-0.410 χ^2/NDF:27.3/16

Right Out: 0.326+/-0.749 χ^2/NDF: 55.1/18

Left In: 1.972+/-0.415 χ^2/NDF:34.8/15

Left: 2.278+/-0.292 χ^2/NDF: 63.2/32

Right: 0.132+/-0.528 χ^2/NDF: 131.8/35

In: 1.490+/-0.362 χ^2/NDF:117.0/32

Out: 2.058+/-0.360 χ^2/NDF:89.4/35

All: 1.776+/-0.255 χ^2/NDF: 207.6/68

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 7.454+/-0.044 χ^2/NDF: 356053.3/16

Left Out: -0.254+/-0.019 χ^2/NDF:75875.0/16

Right Out: 3.502+/-0.046 χ^2/NDF: 510579.7/18

Left In: -0.948+/-0.019 χ^2/NDF:10854.5/15

Left: -0.606+/-0.013 χ^2/NDF: 87397.3/32

Right: 5.528+/-0.032 χ^2/NDF: 870492.1/35

In: 0.332+/-0.017 χ^2/NDF:397234.5/32

Out: 0.308+/-0.018 χ^2/NDF:592237.6/35

All: 0.320+/-0.012 χ^2/NDF: 989473.0/68

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -454.315+/-2.470 χ^2/NDF:1577.3/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -484.127+/-2.576 χ^2/NDF:690.5/15

Left: -468.600+/-1.783 χ^2/NDF: 2337.6/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -484.127+/-2.576 χ^2/NDF:690.5/15

Out: -454.315+/-2.470 χ^2/NDF:1577.3/16

All: -468.600+/-1.783 χ^2/NDF: 2337.6/32

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -12.500+/-2.311 χ^2/NDF: 341.1/16

Left Out: 6.480+/-1.671 χ^2/NDF:218.6/16

Right Out: -5.363+/-2.264 χ^2/NDF: 344.6/18

Left In: 7.858+/-1.786 χ^2/NDF:206.6/15

Left: 7.123+/-1.220 χ^2/NDF: 425.5/32

Right: -8.858+/-1.617 χ^2/NDF: 690.5/35

In: 0.244+/-1.413 χ^2/NDF:596.2/32

Out: 2.303+/-1.345 χ^2/NDF:580.9/35

All: 1.325+/-0.974 χ^2/NDF: 1178.3/68

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 588.421+/-4.320 χ^2/NDF: 2130.2/16

Left Out: 473.921+/-2.449 χ^2/NDF:1297.6/16

Right Out: 567.451+/-4.137 χ^2/NDF: 2784.8/18

Left In: 497.028+/-2.521 χ^2/NDF:772.7/15

Left: 485.140+/-1.757 χ^2/NDF: 2113.5/32

Right: 577.481+/-2.988 χ^2/NDF: 4927.3/35

In: 520.246+/-2.178 χ^2/NDF:3236.7/32

Out: 498.198+/-2.108 χ^2/NDF:4460.9/35

All: 508.862+/-1.514 χ^2/NDF: 7750.5/68

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 150.891+/-2.674 χ^2/NDF: 634.8/16

Left Out: 130.433+/-1.997 χ^2/NDF:458.0/16

Right Out: 134.381+/-2.620 χ^2/NDF: 584.9/18

Left In: 136.186+/-2.112 χ^2/NDF:355.8/15

Left: 133.148+/-1.451 χ^2/NDF: 817.7/32

Right: 142.467+/-1.871 χ^2/NDF: 1239.2/35

In: 141.837+/-1.658 χ^2/NDF:1009.2/32

Out: 131.884+/-1.588 χ^2/NDF:1044.3/35

All: 136.647+/-1.147 χ^2/NDF: 2072.3/68

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -234.341+/-0.148 χ^2/NDF: 145165.1/16

Left Out: -271.598+/-0.099 χ^2/NDF:183043.3/16

Right Out: -226.716+/-0.141 χ^2/NDF: 99440.4/18

Left In: -282.492+/-0.100 χ^2/NDF:32508.6/15

Left: -276.937+/-0.070 χ^2/NDF: 221544.8/32

Right: -230.345+/-0.102 χ^2/NDF: 245990.9/35

In: -267.340+/-0.083 χ^2/NDF:249915.9/32

Out: -256.921+/-0.081 χ^2/NDF:350359.0/35

All: -261.980+/-0.058 χ^2/NDF: 608344.3/68

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 40.158+/-0.557 χ^2/NDF:1841.5/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 39.711+/-0.543 χ^2/NDF:327.3/15

Left: 39.929+/-0.389 χ^2/NDF: 2169.1/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 39.711+/-0.543 χ^2/NDF:327.3/15

Out: 40.158+/-0.557 χ^2/NDF:1841.5/16

All: 39.929+/-0.389 χ^2/NDF: 2169.1/32

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -7.381+/-0.779 χ^2/NDF: 283.6/16

Left Out: -0.960+/-0.393 χ^2/NDF:96.4/16

Right Out: -7.256+/-0.762 χ^2/NDF: 257.3/18

Left In: -1.366+/-0.393 χ^2/NDF:120.7/15

Left: -1.163+/-0.278 χ^2/NDF: 217.6/32

Right: -7.317+/-0.545 χ^2/NDF: 540.9/35

In: -2.586+/-0.351 χ^2/NDF:451.9/32

Out: -2.284+/-0.349 χ^2/NDF:407.6/35

All: -2.434+/-0.247 χ^2/NDF: 859.8/68

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 117.302+/-1.409 χ^2/NDF: 2161.3/16

Left Out: 45.446+/-0.546 χ^2/NDF:2210.0/16

Right Out: 115.405+/-1.361 χ^2/NDF: 2150.5/18

Left In: 45.641+/-0.531 χ^2/NDF:379.5/15

Left: 45.546+/-0.381 χ^2/NDF: 2589.5/32

Right: 116.321+/-0.979 χ^2/NDF: 4312.7/35

In: 54.560+/-0.497 χ^2/NDF:4806.8/32

Out: 55.154+/-0.507 χ^2/NDF:6637.3/35

All: 54.851+/-0.355 χ^2/NDF: 11444.9/68

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 22.250+/-0.889 χ^2/NDF: 1071.4/16

Left Out: -8.261+/-0.458 χ^2/NDF:376.9/16

Right Out: 18.395+/-0.872 χ^2/NDF: 1077.1/18

Left In: -8.202+/-0.456 χ^2/NDF:145.6/15

Left: -8.231+/-0.323 χ^2/NDF: 522.5/32

Right: 20.284+/-0.622 χ^2/NDF: 2158.2/35

In: -1.868+/-0.405 χ^2/NDF:2146.1/32

Out: -2.501+/-0.405 χ^2/NDF:2186.8/35

All: -2.185+/-0.287 χ^2/NDF: 4334.1/68

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -6.482+/-0.046 χ^2/NDF: 265804.1/16

Left Out: 17.603+/-0.021 χ^2/NDF:356030.7/16

Right Out: -2.751+/-0.046 χ^2/NDF: 266291.4/18

Left In: 18.314+/-0.021 χ^2/NDF:40082.7/15

Left: 17.969+/-0.015 χ^2/NDF: 396679.6/32

Right: -4.597+/-0.032 χ^2/NDF: 535394.7/35

In: 14.132+/-0.019 χ^2/NDF:545748.1/32

Out: 13.935+/-0.019 χ^2/NDF:785091.0/35

All: 14.036+/-0.014 χ^2/NDF: 1330892.1/68

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -232.448+/-1.379 χ^2/NDF:836.6/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -235.237+/-1.391 χ^2/NDF:841.5/15

Left: -233.831+/-0.979 χ^2/NDF: 1680.2/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -235.237+/-1.391 χ^2/NDF:841.5/15

Out: -232.448+/-1.379 χ^2/NDF:836.6/16

All: -233.831+/-0.979 χ^2/NDF: 1680.2/32

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -2.981+/-1.450 χ^2/NDF: 203.9/16

Left Out: 6.481+/-0.936 χ^2/NDF:274.3/16

Right Out: -2.548+/-1.399 χ^2/NDF: 218.1/18

Left In: 8.091+/-0.967 χ^2/NDF:311.4/15

Left: 7.260+/-0.673 χ^2/NDF: 587.2/32

Right: -2.757+/-1.007 χ^2/NDF: 422.1/35

In: 4.682+/-0.805 χ^2/NDF:555.7/32

Out: 3.689+/-0.778 χ^2/NDF:521.2/35

All: 4.168+/-0.559 χ^2/NDF: 1077.7/68

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 266.624+/-2.477 χ^2/NDF: 7662.7/16

Left Out: 299.969+/-1.360 χ^2/NDF:830.1/16

Right Out: 261.551+/-2.458 χ^2/NDF: 8208.2/18

Left In: 303.164+/-1.360 χ^2/NDF:995.4/15

Left: 301.566+/-0.962 χ^2/NDF: 1828.3/32

Right: 264.068+/-1.745 χ^2/NDF: 15873.0/35

In: 294.701+/-1.192 χ^2/NDF:8825.3/32

Out: 290.966+/-1.190 χ^2/NDF:9225.4/35

All: 292.830+/-0.842 χ^2/NDF: 18055.6/68

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 62.566+/-1.678 χ^2/NDF: 722.4/16

Left Out: 58.953+/-1.114 χ^2/NDF:499.4/16

Right Out: 50.526+/-1.643 χ^2/NDF: 657.0/18

Left In: 56.288+/-1.142 χ^2/NDF:534.2/15

Left: 57.654+/-0.797 χ^2/NDF: 1036.4/32

Right: 56.420+/-1.174 χ^2/NDF: 1405.7/35

In: 58.275+/-0.944 χ^2/NDF:1266.2/32

Out: 56.300+/-0.922 χ^2/NDF:1174.4/35

All: 57.264+/-0.660 χ^2/NDF: 2442.9/68

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -53.567+/-0.070 χ^2/NDF: 1230233.3/16

Left Out: -144.480+/-0.055 χ^2/NDF:56543.5/16

Right Out: -55.502+/-0.072 χ^2/NDF: 969632.0/18

Left In: -143.007+/-0.054 χ^2/NDF:45707.8/15

Left: -143.737+/-0.038 χ^2/NDF: 102619.4/32

Right: -54.512+/-0.050 χ^2/NDF: 2200235.7/35

In: -109.737+/-0.043 χ^2/NDF:2293241.2/32

Out: -111.993+/-0.043 χ^2/NDF:1998303.5/35

All: -110.850+/-0.031 χ^2/NDF: 4292911.0/68

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 205.723+/-1.187 χ^2/NDF:645.4/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 207.114+/-1.189 χ^2/NDF:541.2/15

Left: 206.418+/-0.840 χ^2/NDF: 1187.3/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 207.114+/-1.189 χ^2/NDF:541.2/15

Out: 205.723+/-1.187 χ^2/NDF:645.4/16

All: 206.418+/-0.840 χ^2/NDF: 1187.3/32

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 22.221+/-1.374 χ^2/NDF: 385.6/16

Left Out: 1.343+/-0.812 χ^2/NDF:280.7/16

Right Out: 16.466+/-1.230 χ^2/NDF: 425.9/18

Left In: 1.806+/-0.832 χ^2/NDF:227.2/15

Left: 1.569+/-0.581 χ^2/NDF: 508.1/32

Right: 19.025+/-0.916 χ^2/NDF: 821.2/35

In: 7.280+/-0.711 χ^2/NDF:774.5/32

Out: 5.933+/-0.677 χ^2/NDF:811.9/35

All: 6.573+/-0.491 χ^2/NDF: 1588.3/68

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -332.037+/-2.562 χ^2/NDF: 784.9/16

Left Out: -240.163+/-1.174 χ^2/NDF:705.0/16

Right Out: -275.853+/-2.324 χ^2/NDF: 3362.8/18

Left In: -237.954+/-1.167 χ^2/NDF:458.4/15

Left: -239.052+/-0.828 χ^2/NDF: 1165.3/32

Right: -301.220+/-1.721 χ^2/NDF: 4411.6/35

In: -254.122+/-1.062 χ^2/NDF:2360.2/32

Out: -247.419+/-1.048 χ^2/NDF:4255.7/35

All: -250.726+/-0.746 χ^2/NDF: 6636.1/68

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -110.745+/-1.578 χ^2/NDF: 513.4/16

Left Out: -71.581+/-0.965 χ^2/NDF:491.0/16

Right Out: -88.600+/-1.435 χ^2/NDF: 969.7/18

Left In: -71.683+/-0.981 χ^2/NDF:356.2/15

Left: -71.631+/-0.688 χ^2/NDF: 847.2/32

Right: -98.623+/-1.061 χ^2/NDF: 1591.0/35

In: -82.572+/-0.833 χ^2/NDF:1311.8/32

Out: -76.884+/-0.801 χ^2/NDF:1557.6/35

All: -79.616+/-0.577 χ^2/NDF: 2893.6/68

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 127.179+/-0.089 χ^2/NDF: 188050.9/16

Left Out: 121.762+/-0.047 χ^2/NDF:23682.0/16

Right Out: 82.684+/-0.075 χ^2/NDF: 765716.0/18

Left In: 120.214+/-0.046 χ^2/NDF:2504.9/15

Left: 120.978+/-0.033 χ^2/NDF: 26735.4/32

Right: 101.242+/-0.057 χ^2/NDF: 1099401.9/35

In: 121.703+/-0.041 χ^2/NDF:195368.7/32

Out: 110.789+/-0.040 χ^2/NDF:983093.5/35

All: 116.076+/-0.029 χ^2/NDF: 1214707.9/68

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -269.036+/-1.496 χ^2/NDF:2465.0/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -288.823+/-1.529 χ^2/NDF:677.3/15

Left: -278.710+/-1.069 χ^2/NDF: 3227.8/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -288.823+/-1.529 χ^2/NDF:677.3/15

Out: -269.036+/-1.496 χ^2/NDF:2465.0/16

All: -278.710+/-1.069 χ^2/NDF: 3227.8/32

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 7.284+/-1.084 χ^2/NDF: 261.0/16

Left Out: 8.585+/-1.012 χ^2/NDF:151.1/16

Right Out: 9.505+/-1.074 χ^2/NDF: 231.5/18

Left In: 9.265+/-1.062 χ^2/NDF:135.1/15

Left: 8.908+/-0.733 χ^2/NDF: 286.4/32

Right: 8.404+/-0.763 χ^2/NDF: 494.7/35

In: 8.294+/-0.759 χ^2/NDF:397.8/32

Out: 9.017+/-0.737 χ^2/NDF:383.1/35

All: 8.666+/-0.528 χ^2/NDF: 781.3/68

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 269.748+/-2.071 χ^2/NDF: 1374.1/16

Left Out: 205.485+/-1.476 χ^2/NDF:2446.4/16

Right Out: 260.206+/-1.978 χ^2/NDF: 2541.6/18

Left In: 222.629+/-1.495 χ^2/NDF:876.8/15

Left: 213.949+/-1.050 χ^2/NDF: 3389.8/32

Right: 264.757+/-1.430 χ^2/NDF: 3926.7/35

In: 238.760+/-1.212 χ^2/NDF:2591.2/32

Out: 225.056+/-1.183 χ^2/NDF:5479.7/35

All: 231.741+/-0.846 χ^2/NDF: 8136.3/68

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 42.006+/-1.255 χ^2/NDF: 575.6/16

Left Out: 58.676+/-1.206 χ^2/NDF:487.4/16

Right Out: 37.284+/-1.237 χ^2/NDF: 472.6/18

Left In: 63.613+/-1.254 χ^2/NDF:266.4/15

Left: 61.048+/-0.869 χ^2/NDF: 761.9/32

Right: 39.611+/-0.881 χ^2/NDF: 1055.4/35

In: 52.821+/-0.887 χ^2/NDF:990.3/32

Out: 48.253+/-0.864 χ^2/NDF:1113.3/35

All: 50.475+/-0.619 χ^2/NDF: 2117.2/68

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -117.516+/-0.078 χ^2/NDF: 142016.6/16

Left Out: -151.747+/-0.059 χ^2/NDF:403988.4/16

Right Out: -105.892+/-0.073 χ^2/NDF: 324304.4/18

Left In: -160.396+/-0.059 χ^2/NDF:62675.1/15

Left: -156.054+/-0.042 χ^2/NDF: 477283.2/32

Right: -111.303+/-0.053 χ^2/NDF: 478188.8/35

In: -144.634+/-0.047 χ^2/NDF:395811.1/32

Out: -133.487+/-0.046 χ^2/NDF:967049.9/35

All: -138.899+/-0.033 χ^2/NDF: 1391446.5/68

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 212.982+/-1.341 χ^2/NDF:3345.7/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 233.996+/-1.365 χ^2/NDF:566.8/15

Left: 223.304+/-0.957 χ^2/NDF: 4033.1/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 233.996+/-1.365 χ^2/NDF:566.8/15

Out: 212.982+/-1.341 χ^2/NDF:3345.7/16

All: 223.304+/-0.957 χ^2/NDF: 4033.1/32

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 12.561+/-1.056 χ^2/NDF: 347.7/16

Left Out: 2.072+/-0.916 χ^2/NDF:159.7/16

Right Out: 9.519+/-1.051 χ^2/NDF: 296.2/18

Left In: 1.268+/-0.956 χ^2/NDF:140.3/15

Left: 1.687+/-0.662 χ^2/NDF: 300.4/32

Right: 11.033+/-0.745 χ^2/NDF: 648.2/35

In: 6.359+/-0.709 χ^2/NDF:550.9/32

Out: 5.290+/-0.691 χ^2/NDF:484.5/35

All: 5.811+/-0.495 χ^2/NDF: 1036.6/68

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -218.925+/-2.006 χ^2/NDF: 1146.6/16

Left Out: -208.590+/-1.328 χ^2/NDF:3294.3/16

Right Out: -211.968+/-1.924 χ^2/NDF: 1886.2/18

Left In: -227.431+/-1.339 χ^2/NDF:562.7/15

Left: -217.934+/-0.943 χ^2/NDF: 3956.9/32

Right: -215.302+/-1.389 χ^2/NDF: 3039.1/35

In: -224.810+/-1.113 χ^2/NDF:1721.8/32

Out: -209.680+/-1.093 χ^2/NDF:5182.6/35

All: -217.104+/-0.780 χ^2/NDF: 6998.4/68

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -77.342+/-1.219 χ^2/NDF: 817.2/16

Left Out: -77.491+/-1.090 χ^2/NDF:600.5/16

Right Out: -72.836+/-1.209 χ^2/NDF: 672.9/18

Left In: -82.433+/-1.127 χ^2/NDF:226.4/15

Left: -79.879+/-0.784 χ^2/NDF: 836.8/32

Right: -75.069+/-0.858 χ^2/NDF: 1497.0/35

In: -80.087+/-0.828 χ^2/NDF:1053.1/32

Out: -75.403+/-0.809 χ^2/NDF:1281.5/35

All: -77.693+/-0.579 χ^2/NDF: 2351.0/68

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 97.452+/-0.073 χ^2/NDF: 94476.4/16

Left Out: 130.533+/-0.053 χ^2/NDF:550879.7/16

Right Out: 87.315+/-0.068 χ^2/NDF: 221837.7/18

Left In: 140.283+/-0.053 χ^2/NDF:17525.4/15

Left: 135.407+/-0.038 χ^2/NDF: 585182.9/32

Right: 92.024+/-0.050 χ^2/NDF: 326563.7/35

In: 125.483+/-0.043 χ^2/NDF:335677.2/32

Out: 114.186+/-0.042 χ^2/NDF:1022098.8/35

All: 119.689+/-0.030 χ^2/NDF: 1393069.4/68

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 207.102+/-1.181 χ^2/NDF:1489.8/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 220.834+/-1.223 χ^2/NDF:580.6/15

Left: 213.725+/-0.850 χ^2/NDF: 2135.6/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 220.834+/-1.223 χ^2/NDF:580.6/15

Out: 207.102+/-1.181 χ^2/NDF:1489.8/16

All: 213.725+/-0.850 χ^2/NDF: 2135.6/32

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 17.786+/-1.146 χ^2/NDF: 395.1/16

Left Out: 1.509+/-0.805 χ^2/NDF:227.9/16

Right Out: 12.294+/-1.086 χ^2/NDF: 443.7/18

Left In: 1.347+/-0.854 χ^2/NDF:190.1/15

Left: 1.433+/-0.586 χ^2/NDF: 418.0/32

Right: 14.891+/-0.788 χ^2/NDF: 850.9/35

In: 7.213+/-0.685 χ^2/NDF:717.4/32

Out: 5.332+/-0.647 χ^2/NDF:735.3/35

All: 6.219+/-0.470 χ^2/NDF: 1456.7/68

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -278.393+/-2.168 χ^2/NDF: 910.5/16

Left Out: -224.548+/-1.173 χ^2/NDF:823.8/16

Right Out: -254.703+/-2.020 χ^2/NDF: 2038.5/18

Left In: -233.031+/-1.201 χ^2/NDF:535.0/15

Left: -228.690+/-0.839 χ^2/NDF: 1384.3/32

Right: -265.715+/-1.478 χ^2/NDF: 3013.0/35

In: -243.680+/-1.050 χ^2/NDF:1780.6/32

Out: -232.150+/-1.014 χ^2/NDF:3028.9/35

All: -237.714+/-0.730 χ^2/NDF: 4871.9/68

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -95.135+/-1.322 χ^2/NDF: 674.9/16

Left Out: -73.557+/-0.959 χ^2/NDF:525.3/16

Right Out: -84.124+/-1.259 χ^2/NDF: 782.9/18

Left In: -76.883+/-1.008 χ^2/NDF:305.9/15

Left: -75.137+/-0.695 χ^2/NDF: 836.9/32

Right: -89.357+/-0.912 χ^2/NDF: 1494.2/35

In: -83.593+/-0.802 χ^2/NDF:1101.3/32

Out: -77.439+/-0.763 χ^2/NDF:1352.7/35

All: -80.363+/-0.553 χ^2/NDF: 2484.9/68

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 115.724+/-0.078 χ^2/NDF: 106388.1/16

Left Out: 125.402+/-0.047 χ^2/NDF:142500.5/16

Right Out: 99.049+/-0.069 χ^2/NDF: 173463.3/18

Left In: 130.402+/-0.048 χ^2/NDF:8488.4/15

Left: 127.863+/-0.034 χ^2/NDF: 156539.0/32

Right: 106.312+/-0.051 χ^2/NDF: 305658.4/35

In: 126.390+/-0.041 χ^2/NDF:140623.9/32

Out: 116.945+/-0.039 χ^2/NDF:416460.0/35

All: 121.435+/-0.028 χ^2/NDF: 585245.2/68

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 26.880+/-0.388 χ^2/NDF:1353.9/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 26.985+/-0.380 χ^2/NDF:230.3/15

Left: 26.934+/-0.272 χ^2/NDF: 1584.1/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 26.985+/-0.380 χ^2/NDF:230.3/15

Out: 26.880+/-0.388 χ^2/NDF:1353.9/16

All: 26.934+/-0.272 χ^2/NDF: 1584.1/32

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -4.730+/-0.580 χ^2/NDF: 174.8/16

Left Out: -1.168+/-0.275 χ^2/NDF:82.5/16

Right Out: -4.793+/-0.586 χ^2/NDF: 193.5/18

Left In: -1.052+/-0.276 χ^2/NDF:101.3/15

Left: -1.110+/-0.195 χ^2/NDF: 183.9/32

Right: -4.761+/-0.412 χ^2/NDF: 368.3/35

In: -1.731+/-0.249 χ^2/NDF:309.0/32

Out: -1.824+/-0.249 χ^2/NDF:307.3/35

All: -1.777+/-0.176 χ^2/NDF: 616.4/68

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 69.048+/-1.077 χ^2/NDF: 1847.9/16

Left Out: 39.762+/-0.381 χ^2/NDF:1131.4/16

Right Out: 75.878+/-1.069 χ^2/NDF: 1895.0/18

Left In: 39.800+/-0.372 χ^2/NDF:263.2/15

Left: 39.781+/-0.266 χ^2/NDF: 1394.6/32

Right: 72.486+/-0.759 χ^2/NDF: 3763.1/35

In: 42.920+/-0.352 χ^2/NDF:2770.3/32

Out: 43.836+/-0.359 χ^2/NDF:4038.1/35

All: 43.368+/-0.251 χ^2/NDF: 6811.8/68

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 11.565+/-0.658 χ^2/NDF: 478.2/16

Left Out: -2.580+/-0.320 χ^2/NDF:359.4/16

Right Out: 12.071+/-0.665 χ^2/NDF: 543.3/18

Left In: -3.092+/-0.319 χ^2/NDF:112.7/15

Left: -2.836+/-0.226 χ^2/NDF: 473.3/32

Right: 11.816+/-0.468 χ^2/NDF: 1021.8/35

In: -0.299+/-0.287 χ^2/NDF:992.2/32

Out: 0.179+/-0.288 χ^2/NDF:1297.3/35

All: -0.061+/-0.204 χ^2/NDF: 2290.8/68

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 1.855+/-0.037 χ^2/NDF: 359414.1/16

Left Out: 8.132+/-0.015 χ^2/NDF:222614.7/16

Right Out: -0.644+/-0.037 χ^2/NDF: 361625.7/18

Left In: 8.767+/-0.015 χ^2/NDF:15109.0/15

Left: 8.458+/-0.010 χ^2/NDF: 238650.1/32

Right: 0.608+/-0.026 χ^2/NDF: 723318.4/35

In: 7.840+/-0.014 χ^2/NDF:404742.5/32

Out: 6.905+/-0.014 χ^2/NDF:632497.3/35

All: 7.383+/-0.010 χ^2/NDF: 1039571.5/68

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -248.580+/-1.356 χ^2/NDF:1438.6/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -262.252+/-1.405 χ^2/NDF:791.9/15

Left: -255.174+/-0.976 χ^2/NDF: 2279.5/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -262.252+/-1.405 χ^2/NDF:791.9/15

Out: -248.580+/-1.356 χ^2/NDF:1438.6/16

All: -255.174+/-0.976 χ^2/NDF: 2279.5/32

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 3.188+/-1.225 χ^2/NDF: 255.6/16

Left Out: 7.502+/-0.915 χ^2/NDF:223.3/16

Right Out: 4.497+/-1.160 χ^2/NDF: 225.4/18

Left In: 8.970+/-0.973 χ^2/NDF:223.8/15

Left: 8.191+/-0.667 χ^2/NDF: 448.3/32

Right: 3.879+/-0.842 χ^2/NDF: 481.7/35

In: 6.734+/-0.762 χ^2/NDF:493.1/32

Out: 6.349+/-0.718 χ^2/NDF:452.9/35

All: 6.530+/-0.523 χ^2/NDF: 946.1/68

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 274.079+/-2.191 χ^2/NDF: 5112.0/16

Left Out: 250.186+/-1.341 χ^2/NDF:1575.7/16

Right Out: 256.109+/-2.080 χ^2/NDF: 6444.1/18

Left In: 263.041+/-1.373 χ^2/NDF:980.0/15

Left: 256.460+/-0.959 χ^2/NDF: 2600.6/32

Right: 264.628+/-1.509 χ^2/NDF: 11591.4/35

In: 266.153+/-1.163 χ^2/NDF:6110.2/32

Out: 251.924+/-1.127 χ^2/NDF:8025.5/35

All: 258.812+/-0.809 χ^2/NDF: 14212.9/68

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 54.065+/-1.421 χ^2/NDF: 634.4/16

Left Out: 58.239+/-1.093 χ^2/NDF:411.5/16

Right Out: 45.637+/-1.359 χ^2/NDF: 530.8/18

Left In: 59.504+/-1.150 χ^2/NDF:411.3/15

Left: 58.839+/-0.792 χ^2/NDF: 823.4/32

Right: 49.665+/-0.982 χ^2/NDF: 1183.6/35

In: 57.350+/-0.894 χ^2/NDF:1054.5/32

Out: 53.292+/-0.852 χ^2/NDF:994.5/35

All: 55.222+/-0.617 χ^2/NDF: 2059.8/68

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -91.074+/-0.068 χ^2/NDF: 534647.5/16

Left Out: -146.910+/-0.054 χ^2/NDF:187171.8/16

Right Out: -85.803+/-0.065 χ^2/NDF: 495895.1/18

Left In: -151.695+/-0.055 χ^2/NDF:58632.1/15

Left: -149.267+/-0.038 χ^2/NDF: 249688.8/32

Right: -88.339+/-0.047 χ^2/NDF: 1033703.0/35

In: -127.688+/-0.042 χ^2/NDF:1080002.7/32

Out: -122.042+/-0.041 χ^2/NDF:1206536.0/35

All: -124.797+/-0.030 χ^2/NDF: 2295574.9/68

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -12.627+/-0.364 χ^2/NDF:1671.2/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -12.915+/-0.355 χ^2/NDF:250.3/15

Left: -12.775+/-0.254 χ^2/NDF: 1921.8/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -12.915+/-0.355 χ^2/NDF:250.3/15

Out: -12.627+/-0.364 χ^2/NDF:1671.2/16

All: -12.775+/-0.254 χ^2/NDF: 1921.8/32

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 4.361+/-0.464 χ^2/NDF: 286.5/16

Left Out: -0.090+/-0.257 χ^2/NDF:43.8/16

Right Out: 4.670+/-0.474 χ^2/NDF: 185.4/18

Left In: 0.390+/-0.258 χ^2/NDF:55.5/15

Left: 0.149+/-0.182 χ^2/NDF: 101.1/32

Right: 4.512+/-0.332 χ^2/NDF: 472.1/35

In: 1.327+/-0.226 χ^2/NDF:397.9/32

Out: 0.992+/-0.226 χ^2/NDF:307.0/35

All: 1.160+/-0.160 χ^2/NDF: 706.0/68

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -54.392+/-0.863 χ^2/NDF: 1013.4/16

Left Out: -6.232+/-0.357 χ^2/NDF:2568.4/16

Right Out: -50.441+/-0.857 χ^2/NDF: 1324.7/18

Left In: -5.648+/-0.348 χ^2/NDF:301.8/15

Left: -5.933+/-0.249 χ^2/NDF: 2871.5/32

Right: -52.405+/-0.608 χ^2/NDF: 2348.7/35

In: -12.464+/-0.323 χ^2/NDF:4062.4/32

Out: -12.753+/-0.329 χ^2/NDF:6159.6/35

All: -12.606+/-0.230 χ^2/NDF: 10222.3/68

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -12.616+/-0.530 χ^2/NDF: 788.2/16

Left Out: 5.243+/-0.299 χ^2/NDF:232.1/16

Right Out: -12.912+/-0.538 χ^2/NDF: 730.2/18

Left In: 5.066+/-0.299 χ^2/NDF:74.8/15

Left: 5.154+/-0.212 χ^2/NDF: 307.0/32

Right: -12.762+/-0.378 χ^2/NDF: 1518.6/35

In: 0.794+/-0.261 χ^2/NDF:1706.6/32

Out: 0.951+/-0.262 χ^2/NDF:1831.2/35

All: 0.872+/-0.185 χ^2/NDF: 3537.9/68

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 10.366+/-0.031 χ^2/NDF: 381003.5/16

Left Out: -9.117+/-0.014 χ^2/NDF:366801.2/16

Right Out: 7.719+/-0.031 χ^2/NDF: 545085.7/18

Left In: -9.637+/-0.014 χ^2/NDF:41981.9/15

Left: -9.384+/-0.010 χ^2/NDF: 409496.4/32

Right: 9.073+/-0.022 χ^2/NDF: 929756.2/35

In: -6.327+/-0.012 χ^2/NDF:781080.5/32

Out: -6.314+/-0.013 χ^2/NDF:1153739.8/35

All: -6.321+/-0.009 χ^2/NDF: 1934820.9/68

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -24.321+/-0.058 χ^2/NDF:57760.3/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -18.939+/-0.050 χ^2/NDF:38014.4/15

Left: -21.237+/-0.038 χ^2/NDF: 100641.3/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.939+/-0.050 χ^2/NDF:38014.4/15

Out: -24.321+/-0.058 χ^2/NDF:57760.3/16

All: -21.237+/-0.038 χ^2/NDF: 100641.3/32

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 1.495+/-0.061 χ^2/NDF: 708.8/16

Left Out: 1.939+/-0.043 χ^2/NDF:2268.0/16

Right Out: 1.123+/-0.058 χ^2/NDF: 946.5/18

Left In: 1.528+/-0.037 χ^2/NDF:1924.5/15

Left: 1.702+/-0.028 χ^2/NDF: 4244.8/32

Right: 1.300+/-0.042 χ^2/NDF: 1674.8/35

In: 1.519+/-0.032 χ^2/NDF:2633.5/32

Out: 1.650+/-0.035 χ^2/NDF:3341.5/35

All: 1.579+/-0.023 χ^2/NDF: 5982.8/68

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -2.200+/-0.111 χ^2/NDF: 461.0/16

Left Out: 23.679+/-0.057 χ^2/NDF:51754.6/16

Right Out: -2.520+/-0.099 χ^2/NDF: 903.3/18

Left In: 18.012+/-0.049 χ^2/NDF:35895.2/15

Left: 20.394+/-0.037 χ^2/NDF: 93282.8/32

Right: -2.378+/-0.074 χ^2/NDF: 1368.9/35

In: 14.699+/-0.045 χ^2/NDF:64286.2/32

Out: 17.067+/-0.050 χ^2/NDF:105068.0/35

All: 15.760+/-0.033 χ^2/NDF: 170607.1/68

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -1.753+/-0.070 χ^2/NDF: 1345.0/16

Left Out: -3.077+/-0.049 χ^2/NDF:2767.9/16

Right Out: -1.617+/-0.066 χ^2/NDF: 1487.5/18

Left In: -2.496+/-0.042 χ^2/NDF:2379.7/15

Left: -2.742+/-0.032 χ^2/NDF: 5228.8/32

Right: -1.681+/-0.048 χ^2/NDF: 2834.6/35

In: -2.300+/-0.036 χ^2/NDF:3807.0/32

Out: -2.556+/-0.039 χ^2/NDF:4572.8/35

All: -2.418+/-0.027 χ^2/NDF: 8402.9/68

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.203+/-0.004 χ^2/NDF: 677.2/16

Left Out: 0.111+/-0.002 χ^2/NDF:3989.3/16

Right Out: 0.216+/-0.004 χ^2/NDF: 1067.3/18

Left In: 0.071+/-0.002 χ^2/NDF:3185.6/15

Left: 0.087+/-0.001 χ^2/NDF: 7367.4/32

Right: 0.210+/-0.003 χ^2/NDF: 1750.0/35

In: 0.093+/-0.002 χ^2/NDF:4716.7/32

Out: 0.139+/-0.002 χ^2/NDF:5656.7/35

All: 0.113+/-0.001 χ^2/NDF: 10701.9/68

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -24.167+/-0.058 χ^2/NDF:57580.7/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -18.828+/-0.050 χ^2/NDF:37927.2/15

Left: -21.108+/-0.038 χ^2/NDF: 100359.6/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.828+/-0.050 χ^2/NDF:37927.2/15

Out: -24.167+/-0.058 χ^2/NDF:57580.7/16

All: -21.108+/-0.038 χ^2/NDF: 100359.6/32

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 1.470+/-0.061 χ^2/NDF: 707.9/16

Left Out: 1.896+/-0.043 χ^2/NDF:2267.5/16

Right Out: 1.092+/-0.058 χ^2/NDF: 952.1/18

Left In: 1.480+/-0.037 χ^2/NDF:1935.6/15

Left: 1.657+/-0.028 χ^2/NDF: 4257.3/32

Right: 1.272+/-0.042 χ^2/NDF: 1680.2/35

In: 1.477+/-0.031 χ^2/NDF:2643.5/32

Out: 1.612+/-0.034 χ^2/NDF:3344.1/35

All: 1.539+/-0.023 χ^2/NDF: 5995.9/68

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -1.977+/-0.110 χ^2/NDF: 463.8/16

Left Out: 23.526+/-0.057 χ^2/NDF:51617.7/16

Right Out: -2.294+/-0.098 χ^2/NDF: 906.6/18

Left In: 17.906+/-0.049 χ^2/NDF:35819.6/15

Left: 20.269+/-0.037 χ^2/NDF: 93048.6/32

Right: -2.153+/-0.073 χ^2/NDF: 1375.0/35

In: 14.655+/-0.044 χ^2/NDF:63592.0/32

Out: 17.022+/-0.049 χ^2/NDF:104004.9/35

All: 15.715+/-0.033 χ^2/NDF: 168864.4/68

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -1.726+/-0.070 χ^2/NDF: 1341.5/16

Left Out: -3.022+/-0.049 χ^2/NDF:2766.1/16

Right Out: -1.584+/-0.065 χ^2/NDF: 1492.8/18

Left In: -2.435+/-0.042 χ^2/NDF:2391.6/15

Left: -2.684+/-0.032 χ^2/NDF: 5241.6/32

Right: -1.650+/-0.048 χ^2/NDF: 2836.5/35

In: -2.249+/-0.036 χ^2/NDF:3808.9/32

Out: -2.511+/-0.039 χ^2/NDF:4570.2/35

All: -2.369+/-0.026 χ^2/NDF: 8403.4/68

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.200+/-0.004 χ^2/NDF: 662.5/16

Left Out: 0.110+/-0.002 χ^2/NDF:3984.3/16

Right Out: 0.213+/-0.004 χ^2/NDF: 1050.9/18

Left In: 0.071+/-0.002 χ^2/NDF:3161.7/15

Left: 0.087+/-0.001 χ^2/NDF: 7332.3/32

Right: 0.207+/-0.003 χ^2/NDF: 1719.2/35

In: 0.092+/-0.002 χ^2/NDF:4641.5/32

Out: 0.137+/-0.002 χ^2/NDF:5615.1/35

All: 0.112+/-0.001 χ^2/NDF: 10575.6/68

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -24.295+/-0.058 χ^2/NDF:57709.9/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -18.920+/-0.050 χ^2/NDF:37988.1/15

Left: -21.214+/-0.038 χ^2/NDF: 100575.3/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.920+/-0.050 χ^2/NDF:37988.1/15

Out: -24.295+/-0.058 χ^2/NDF:57709.9/16

All: -21.214+/-0.038 χ^2/NDF: 100575.3/32

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 1.413+/-0.061 χ^2/NDF: 713.9/16

Left Out: 1.857+/-0.043 χ^2/NDF:2290.2/16

Right Out: 1.052+/-0.058 χ^2/NDF: 963.3/18

Left In: 1.427+/-0.037 χ^2/NDF:1924.9/15

Left: 1.610+/-0.028 χ^2/NDF: 4272.9/32

Right: 1.223+/-0.042 χ^2/NDF: 1695.5/35

In: 1.423+/-0.032 χ^2/NDF:2638.8/32

Out: 1.573+/-0.035 χ^2/NDF:3377.9/35

All: 1.491+/-0.023 χ^2/NDF: 6026.9/68

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -2.006+/-0.111 χ^2/NDF: 463.3/16

Left Out: 23.618+/-0.057 χ^2/NDF:51729.9/16

Right Out: -2.336+/-0.099 χ^2/NDF: 901.2/18

Left In: 17.958+/-0.049 χ^2/NDF:35891.6/15

Left: 20.337+/-0.037 χ^2/NDF: 93267.9/32

Right: -2.190+/-0.074 χ^2/NDF: 1369.4/35

In: 14.702+/-0.045 χ^2/NDF:63613.4/32

Out: 17.087+/-0.050 χ^2/NDF:104159.7/35

All: 15.770+/-0.033 χ^2/NDF: 169049.5/68

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -1.682+/-0.070 χ^2/NDF: 1347.8/16

Left Out: -3.004+/-0.049 χ^2/NDF:2794.9/16

Right Out: -1.563+/-0.066 χ^2/NDF: 1504.7/18

Left In: -2.398+/-0.042 χ^2/NDF:2380.9/15

Left: -2.655+/-0.032 χ^2/NDF: 5264.7/32

Right: -1.619+/-0.048 χ^2/NDF: 2854.1/35

In: -2.210+/-0.036 χ^2/NDF:3805.2/32

Out: -2.491+/-0.039 χ^2/NDF:4610.0/35

All: -2.339+/-0.027 χ^2/NDF: 8443.1/68

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.201+/-0.004 χ^2/NDF: 691.3/16

Left Out: 0.110+/-0.002 χ^2/NDF:3973.2/16

Right Out: 0.214+/-0.004 χ^2/NDF: 1083.1/18

Left In: 0.071+/-0.002 χ^2/NDF:3140.6/15

Left: 0.087+/-0.001 χ^2/NDF: 7291.3/32

Right: 0.208+/-0.003 χ^2/NDF: 1779.7/35

In: 0.093+/-0.002 χ^2/NDF:4656.8/32

Out: 0.137+/-0.002 χ^2/NDF:5647.3/35

All: 0.112+/-0.001 χ^2/NDF: 10613.4/68

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -24.719+/-0.059 χ^2/NDF:57617.3/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -19.405+/-0.051 χ^2/NDF:36876.5/15

Left: -21.687+/-0.039 χ^2/NDF: 99067.4/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -19.405+/-0.051 χ^2/NDF:36876.5/15

Out: -24.719+/-0.059 χ^2/NDF:57617.3/16

All: -21.687+/-0.039 χ^2/NDF: 99067.4/32

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 1.429+/-0.062 χ^2/NDF: 711.4/16

Left Out: 1.923+/-0.044 χ^2/NDF:2336.5/16

Right Out: 1.104+/-0.059 χ^2/NDF: 936.5/18

Left In: 1.527+/-0.038 χ^2/NDF:1908.4/15

Left: 1.697+/-0.029 χ^2/NDF: 4291.7/32

Right: 1.259+/-0.043 χ^2/NDF: 1662.3/35

In: 1.501+/-0.032 χ^2/NDF:2621.7/32

Out: 1.634+/-0.035 χ^2/NDF:3396.6/35

All: 1.562+/-0.024 χ^2/NDF: 6026.1/68

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -2.094+/-0.113 χ^2/NDF: 486.5/16

Left Out: 24.052+/-0.058 χ^2/NDF:51498.2/16

Right Out: -2.278+/-0.101 χ^2/NDF: 918.6/18

Left In: 18.444+/-0.050 χ^2/NDF:34650.4/15

Left: 20.816+/-0.038 χ^2/NDF: 91460.8/32

Right: -2.196+/-0.075 χ^2/NDF: 1406.6/35

In: 15.057+/-0.046 χ^2/NDF:62924.3/32

Out: 17.447+/-0.051 χ^2/NDF:103320.2/35

All: 16.132+/-0.034 χ^2/NDF: 167473.0/68

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -1.696+/-0.072 χ^2/NDF: 1333.3/16

Left Out: -3.091+/-0.050 χ^2/NDF:2838.9/16

Right Out: -1.624+/-0.067 χ^2/NDF: 1467.3/18

Left In: -2.533+/-0.043 χ^2/NDF:2340.2/15

Left: -2.771+/-0.033 χ^2/NDF: 5251.2/32

Right: -1.658+/-0.049 χ^2/NDF: 2801.2/35

In: -2.311+/-0.037 χ^2/NDF:3774.2/32

Out: -2.570+/-0.040 χ^2/NDF:4615.3/35

All: -2.430+/-0.027 χ^2/NDF: 8412.1/68

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.207+/-0.004 χ^2/NDF: 656.3/16

Left Out: 0.115+/-0.002 χ^2/NDF:4006.1/16

Right Out: 0.211+/-0.004 χ^2/NDF: 1145.7/18

Left In: 0.075+/-0.002 χ^2/NDF:3221.8/15

Left: 0.092+/-0.001 χ^2/NDF: 7414.5/32

Right: 0.209+/-0.003 χ^2/NDF: 1802.5/35

In: 0.097+/-0.002 χ^2/NDF:4702.5/32

Out: 0.140+/-0.002 χ^2/NDF:5635.0/35

All: 0.116+/-0.001 χ^2/NDF: 10620.3/68

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -24.904+/-0.060 χ^2/NDF:56406.4/16

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -19.546+/-0.052 χ^2/NDF:37108.6/15

Left: -21.856+/-0.039 χ^2/NDF: 98063.6/32

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -19.546+/-0.052 χ^2/NDF:37108.6/15

Out: -24.904+/-0.060 χ^2/NDF:56406.4/16

All: -21.856+/-0.039 χ^2/NDF: 98063.6/32

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 1.513+/-0.063 χ^2/NDF: 669.7/16

Left Out: 1.995+/-0.044 χ^2/NDF:2225.0/16

Right Out: 1.160+/-0.060 χ^2/NDF: 917.0/18

Left In: 1.556+/-0.038 χ^2/NDF:1885.4/15

Left: 1.745+/-0.029 χ^2/NDF: 4166.9/32

Right: 1.329+/-0.043 χ^2/NDF: 1603.3/35

In: 1.544+/-0.033 χ^2/NDF:2555.4/32

Out: 1.702+/-0.036 χ^2/NDF:3267.5/35

All: 1.617+/-0.024 χ^2/NDF: 5833.7/68

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -2.350+/-0.114 χ^2/NDF: 439.7/16

Left Out: 24.244+/-0.059 χ^2/NDF:50539.6/16

Right Out: -2.624+/-0.103 χ^2/NDF: 840.4/18

Left In: 18.612+/-0.051 χ^2/NDF:34912.9/15

Left: 21.006+/-0.038 χ^2/NDF: 90695.4/32

Right: -2.501+/-0.077 χ^2/NDF: 1283.3/35

In: 15.165+/-0.046 χ^2/NDF:63455.9/32

Out: 17.632+/-0.051 χ^2/NDF:102448.7/35

All: 16.276+/-0.034 χ^2/NDF: 167179.8/68

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -1.779+/-0.072 χ^2/NDF: 1272.1/16

Left Out: -3.154+/-0.050 χ^2/NDF:2712.9/16

Right Out: -1.679+/-0.068 χ^2/NDF: 1429.6/18

Left In: -2.541+/-0.044 χ^2/NDF:2342.6/15

Left: -2.804+/-0.033 χ^2/NDF: 5140.7/32

Right: -1.726+/-0.050 χ^2/NDF: 2702.6/35

In: -2.338+/-0.037 χ^2/NDF:3696.2/32

Out: -2.634+/-0.040 χ^2/NDF:4447.1/35

All: -2.474+/-0.027 χ^2/NDF: 8172.4/68

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.206+/-0.004 χ^2/NDF: 651.8/16

Left Out: 0.116+/-0.002 χ^2/NDF:3988.0/16

Right Out: 0.223+/-0.004 χ^2/NDF: 1042.2/18

Left In: 0.078+/-0.002 χ^2/NDF:3191.4/15

Left: 0.094+/-0.001 χ^2/NDF: 7343.3/32

Right: 0.215+/-0.003 χ^2/NDF: 1702.9/35

In: 0.099+/-0.002 χ^2/NDF:4595.6/32

Out: 0.143+/-0.002 χ^2/NDF:5608.4/35

All: 0.119+/-0.001 χ^2/NDF: 10491.9/68