dit_asym_us_avg_mean vs Slug, Sign Corrected

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

Left Out: 1859.051+/-301.162 χ^2/NDF:11.3/9

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

Left In: 1957.213+/-284.522 χ^2/NDF:16.4/9

Left: 1910.918+/-206.820 χ^2/NDF: 27.7/19

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

In: 2083.495+/-211.035 χ^2/NDF:28.1/25

Out: 1936.953+/-215.454 χ^2/NDF:24.0/27

All: 2011.742+/-150.762 χ^2/NDF: 52.3/53

dit_asym_us_avg_rms vs Slug, Sign Corrected

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

Left Out: 822.828+/-0.213 χ^2/NDF:20342.1/9

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

Left In: 817.917+/-0.201 χ^2/NDF:16612.5/9

Left: 820.233+/-0.146 χ^2/NDF: 37235.6/19

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

In: 816.164+/-0.149 χ^2/NDF:58822.8/25

Out: 819.048+/-0.152 χ^2/NDF:40946.9/27

All: 817.576+/-0.107 χ^2/NDF: 99952.5/53

asym_us_avg_correction_mean vs Slug, Sign Corrected

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

Left Out: 176.524+/-506.157 χ^2/NDF:13.5/9

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

Left In: 312.027+/-474.699 χ^2/NDF:5.1/9

Left: 248.617+/-346.250 χ^2/NDF: 18.7/19

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 312.027+/-474.699 χ^2/NDF:5.1/9

Out: 176.524+/-506.157 χ^2/NDF:13.5/9

All: 248.617+/-346.250 χ^2/NDF: 18.7/19

asym_us_avg_correction_rms vs Slug, Sign Corrected

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

Left Out: 1340.956+/-0.358 χ^2/NDF:618928.5/9

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

Left In: 1339.167+/-0.336 χ^2/NDF:554793.8/9

Left: 1340.004+/-0.245 χ^2/NDF: 1173735.7/19

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1339.167+/-0.336 χ^2/NDF:554793.8/9

Out: 1340.956+/-0.358 χ^2/NDF:618928.5/9

All: 1340.004+/-0.245 χ^2/NDF: 1173735.7/19

asym_us_avg_mean vs Slug, Sign Corrected

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

Left Out: 1408.586+/-586.203 χ^2/NDF:8.2/9

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

Left In: 1600.788+/-549.753 χ^2/NDF:4.9/9

Left: 1510.848+/-401.001 χ^2/NDF: 13.2/19

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

In: 2161.176+/-393.315 χ^2/NDF:20.6/25

Out: 1908.501+/-408.278 χ^2/NDF:25.9/27

All: 2039.554+/-283.258 χ^2/NDF: 46.7/53

asym_us_avg_rms vs Slug, Sign Corrected

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

Left Out: 1578.854+/-0.415 χ^2/NDF:368272.5/9

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

Left In: 1562.379+/-0.389 χ^2/NDF:324327.5/9

Left: 1570.089+/-0.284 χ^2/NDF: 693440.5/19

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

In: 1502.314+/-0.278 χ^2/NDF:651097.0/25

Out: 1532.269+/-0.289 χ^2/NDF:649126.6/27

All: 1516.733+/-0.200 χ^2/NDF: 1305807.8/53

dit_asym_us_dd_mean vs Slug, Sign Corrected

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

Left Out: -390.555+/-290.577 χ^2/NDF:7.2/9

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

Left In: -414.624+/-276.117 χ^2/NDF:14.1/9

Left: -403.203+/-200.161 χ^2/NDF: 21.3/19

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

In: -405.763+/-207.113 χ^2/NDF:21.5/25

Out: -164.304+/-208.179 χ^2/NDF:21.4/27

All: -285.654+/-146.826 χ^2/NDF: 43.6/53

dit_asym_us_dd_rms vs Slug, Sign Corrected

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

Left Out: 795.310+/-0.205 χ^2/NDF:7387.0/9

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

Left In: 794.078+/-0.195 χ^2/NDF:7321.0/9

Left: 794.663+/-0.142 χ^2/NDF: 14726.9/19

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

In: 796.465+/-0.146 χ^2/NDF:398848.9/25

Out: 792.625+/-0.147 χ^2/NDF:18912.7/27

All: 794.555+/-0.104 χ^2/NDF: 418103.6/53

asym_us_dd_correction_mean vs Slug, Sign Corrected

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

Left Out: -1792.566+/-659.372 χ^2/NDF:9.9/9

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

Left In: -1959.923+/-618.590 χ^2/NDF:8.5/9

Left: -1881.579+/-451.138 χ^2/NDF: 18.4/19

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1959.923+/-618.590 χ^2/NDF:8.5/9

Out: -1792.566+/-659.372 χ^2/NDF:9.9/9

All: -1881.579+/-451.138 χ^2/NDF: 18.4/19

asym_us_dd_correction_rms vs Slug, Sign Corrected

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

Left Out: 1785.653+/-0.466 χ^2/NDF:255327.6/9

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

Left In: 1765.495+/-0.437 χ^2/NDF:215824.9/9

Left: 1774.932+/-0.319 χ^2/NDF: 472146.7/19

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1765.495+/-0.437 χ^2/NDF:215824.9/9

Out: 1785.653+/-0.466 χ^2/NDF:255327.6/9

All: 1774.932+/-0.319 χ^2/NDF: 472146.7/19

asym_us_dd_mean vs Slug, Sign Corrected

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

Left Out: 441.016+/-358.676 χ^2/NDF:12.7/9

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

Left In: -528.553+/-339.633 χ^2/NDF:6.5/9

Left: -70.190+/-246.614 χ^2/NDF: 23.0/19

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

In: -397.151+/-266.879 χ^2/NDF:23.5/25

Out: 67.674+/-274.620 χ^2/NDF:23.6/27

All: -171.383+/-191.390 χ^2/NDF: 48.6/53

asym_us_dd_rms vs Slug, Sign Corrected

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

Left Out: 981.138+/-0.254 χ^2/NDF:18005.1/9

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

Left In: 976.341+/-0.240 χ^2/NDF:11824.9/9

Left: 978.609+/-0.174 χ^2/NDF: 30018.6/19

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

In: 1025.648+/-0.189 χ^2/NDF:377385.5/25

Out: 1035.689+/-0.194 χ^2/NDF:492805.3/27

All: 1030.525+/-0.135 χ^2/NDF: 871566.0/53

dit_asym_usl_mean vs Slug, Sign Corrected

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

Left Out: 1455.330+/-419.428 χ^2/NDF:9.7/9

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

Left In: 1525.487+/-397.589 χ^2/NDF:13.6/9

Left: 1492.282+/-288.550 χ^2/NDF: 23.3/19

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

In: 1653.162+/-295.638 χ^2/NDF:20.3/25

Out: 1776.783+/-299.454 χ^2/NDF:23.9/27

All: 1714.180+/-210.384 χ^2/NDF: 44.3/53

dit_asym_usl_rms vs Slug, Sign Corrected

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

Left Out: 1146.914+/-0.297 χ^2/NDF:12134.0/9

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

Left In: 1143.185+/-0.281 χ^2/NDF:10661.5/9

Left: 1144.950+/-0.204 χ^2/NDF: 22878.9/19

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

In: 1138.217+/-0.209 χ^2/NDF:327386.0/25

Out: 1139.120+/-0.212 χ^2/NDF:33261.9/27

All: 1138.663+/-0.149 χ^2/NDF: 360657.1/53

asym_usl_correction_mean vs Slug, Sign Corrected

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

Left Out: -837.605+/-556.993 χ^2/NDF:18.6/9

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

Left In: 505.735+/-521.207 χ^2/NDF:3.5/9

Left: -121.399+/-380.572 χ^2/NDF: 25.2/19

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 505.735+/-521.207 χ^2/NDF:3.5/9

Out: -837.605+/-556.993 χ^2/NDF:18.6/9

All: -121.399+/-380.572 χ^2/NDF: 25.2/19

asym_usl_correction_rms vs Slug, Sign Corrected

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

Left Out: 1480.791+/-0.394 χ^2/NDF:561742.6/9

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

Left In: 1475.864+/-0.369 χ^2/NDF:447086.6/9

Left: 1478.164+/-0.269 χ^2/NDF: 1008912.6/19

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1475.864+/-0.369 χ^2/NDF:447086.6/9

Out: 1480.791+/-0.394 χ^2/NDF:561742.6/9

All: 1478.164+/-0.269 χ^2/NDF: 1008912.6/19

asym_usl_mean vs Slug, Sign Corrected

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

Left Out: 2048.018+/-701.340 χ^2/NDF:12.2/9

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

Left In: 1040.483+/-656.509 χ^2/NDF:2.7/9

Left: 1511.022+/-479.288 χ^2/NDF: 16.0/19

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

In: 1829.031+/-436.471 χ^2/NDF:16.0/25

Out: 1950.313+/-448.414 χ^2/NDF:35.0/27

All: 1888.036+/-312.769 χ^2/NDF: 51.1/53

asym_usl_rms vs Slug, Sign Corrected

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

Left Out: 1899.564+/-0.496 χ^2/NDF:253929.1/9

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

Left In: 1874.193+/-0.464 χ^2/NDF:195534.8/9

Left: 1886.041+/-0.339 χ^2/NDF: 450858.9/19

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

In: 1664.550+/-0.309 χ^2/NDF:819834.4/25

Out: 1672.767+/-0.317 χ^2/NDF:1088227.7/27

All: 1668.548+/-0.221 χ^2/NDF: 1908406.9/53

dit_asym_usr_mean vs Slug, Sign Corrected

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

Left Out: 2319.098+/-401.926 χ^2/NDF:9.2/10

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

Left In: 2395.079+/-395.413 χ^2/NDF:16.8/9

Left: 2357.709+/-281.874 χ^2/NDF: 26.0/20

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

In: 2476.298+/-297.947 χ^2/NDF:29.2/26

Out: 2178.848+/-292.589 χ^2/NDF:22.9/29

All: 2324.875+/-208.760 χ^2/NDF: 52.6/56

dit_asym_usr_rms vs Slug, Sign Corrected

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

Left Out: 1146.719+/-0.284 χ^2/NDF:18652.1/10

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

Left In: 1136.947+/-0.280 χ^2/NDF:12759.7/9

Left: 1141.753+/-0.199 χ^2/NDF: 32012.5/20

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

In: 1149.136+/-0.211 χ^2/NDF:295726.2/26

Out: 1143.914+/-0.207 χ^2/NDF:31577.0/29

All: 1146.478+/-0.148 χ^2/NDF: 327615.9/56

asym_usr_correction_mean vs Slug, Sign Corrected

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

Left Out: 1303.517+/-530.195 χ^2/NDF:13.3/10

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

Left In: 154.634+/-515.014 χ^2/NDF:7.7/9

Left: 712.393+/-369.420 χ^2/NDF: 23.4/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 154.634+/-515.014 χ^2/NDF:7.7/9

Out: 1303.517+/-530.195 χ^2/NDF:13.3/10

All: 712.393+/-369.420 χ^2/NDF: 23.4/20

asym_usr_correction_rms vs Slug, Sign Corrected

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

Left Out: 1482.116+/-0.375 χ^2/NDF:362460.4/10

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

Left In: 1460.962+/-0.364 χ^2/NDF:379456.6/9

Left: 1471.232+/-0.261 χ^2/NDF: 743555.0/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1460.962+/-0.364 χ^2/NDF:379456.6/9

Out: 1482.116+/-0.375 χ^2/NDF:362460.4/10

All: 1471.232+/-0.261 χ^2/NDF: 743555.0/20

asym_usr_mean vs Slug, Sign Corrected

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

Left Out: 848.195+/-659.192 χ^2/NDF:7.6/10

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

Left In: 2094.250+/-645.428 χ^2/NDF:7.3/9

Left: 1484.367+/-461.176 χ^2/NDF: 16.7/20

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

In: 2480.075+/-501.767 χ^2/NDF:26.7/26

Out: 1672.544+/-507.534 χ^2/NDF:23.0/29

All: 2080.923+/-356.824 χ^2/NDF: 51.0/56

asym_usr_rms vs Slug, Sign Corrected

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

Left Out: 1868.902+/-0.466 χ^2/NDF:173178.2/10

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

Left In: 1844.588+/-0.456 χ^2/NDF:170464.3/9

Left: 1856.489+/-0.326 χ^2/NDF: 345031.8/20

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

In: 1922.069+/-0.355 χ^2/NDF:574656.1/26

Out: 1965.703+/-0.359 χ^2/NDF:474507.0/29

All: 1943.637+/-0.252 χ^2/NDF: 1056639.0/56

dit_asym_at1_avg_mean vs Slug, Sign Corrected

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

Left Out: 2709.707+/-659.668 χ^2/NDF:10.2/10

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

Left In: 2752.362+/-649.228 χ^2/NDF:20.1/9

Left: 2731.374+/-462.721 χ^2/NDF: 30.3/20

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

In: 2580.671+/-504.473 χ^2/NDF:35.1/26

Out: 2292.737+/-504.451 χ^2/NDF:28.3/29

All: 2436.698+/-356.709 χ^2/NDF: 63.6/56

dit_asym_at1_avg_rms vs Slug, Sign Corrected

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

Left Out: 1875.754+/-0.466 χ^2/NDF:21501.9/10

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

Left In: 1859.266+/-0.459 χ^2/NDF:5863.7/9

Left: 1867.379+/-0.327 χ^2/NDF: 28000.3/20

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

In: 1916.830+/-0.357 χ^2/NDF:961560.5/26

Out: 1941.250+/-0.357 χ^2/NDF:679993.4/29

All: 1929.041+/-0.252 χ^2/NDF: 1643897.2/56

asym_at1_avg_correction_mean vs Slug, Sign Corrected

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

Left Out: -257.982+/-231.008 χ^2/NDF:14.2/10

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

Left In: 123.571+/-228.665 χ^2/NDF:3.7/9

Left: -65.261+/-162.513 χ^2/NDF: 19.4/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 123.571+/-228.665 χ^2/NDF:3.7/9

Out: -257.982+/-231.008 χ^2/NDF:14.2/10

All: -65.261+/-162.513 χ^2/NDF: 19.4/20

asym_at1_avg_correction_rms vs Slug, Sign Corrected

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

Left Out: 609.666+/-0.163 χ^2/NDF:1923655.1/10

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

Left In: 620.046+/-0.162 χ^2/NDF:1749543.2/9

Left: 614.909+/-0.115 χ^2/NDF: 3675238.1/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 620.046+/-0.162 χ^2/NDF:1749543.2/9

Out: 609.666+/-0.163 χ^2/NDF:1923655.1/10

All: 614.909+/-0.115 χ^2/NDF: 3675238.1/20

asym_at1_avg_mean vs Slug, Sign Corrected

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

Left Out: 2496.543+/-721.442 χ^2/NDF:11.0/10

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

Left In: 2617.510+/-706.708 χ^2/NDF:17.3/9

Left: 2558.275+/-504.847 χ^2/NDF: 28.3/20

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

In: 2596.957+/-545.000 χ^2/NDF:32.8/26

Out: 2180.161+/-550.892 χ^2/NDF:32.0/29

All: 2390.800+/-387.439 χ^2/NDF: 65.1/56

asym_at1_avg_rms vs Slug, Sign Corrected

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

Left Out: 2045.555+/-0.510 χ^2/NDF:99401.0/10

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

Left In: 2018.680+/-0.500 χ^2/NDF:87313.8/9

Left: 2031.840+/-0.357 χ^2/NDF: 188131.2/20

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

In: 2075.204+/-0.385 χ^2/NDF:832744.8/26

Out: 2109.672+/-0.390 χ^2/NDF:940312.7/29

All: 2092.253+/-0.274 χ^2/NDF: 1777014.5/56

dit_asym_at1_dd_mean vs Slug, Sign Corrected

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

Left Out: -742.504+/-655.805 χ^2/NDF:11.6/10

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

Left In: -1045.101+/-646.527 χ^2/NDF:18.7/9

Left: -895.958+/-460.409 χ^2/NDF: 30.5/20

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

In: -640.280+/-503.194 χ^2/NDF:35.6/26

Out: -890.944+/-499.190 χ^2/NDF:31.1/29

All: -766.613+/-354.388 χ^2/NDF: 66.8/56

dit_asym_at1_dd_rms vs Slug, Sign Corrected

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

Left Out: 1864.896+/-0.464 χ^2/NDF:21055.4/10

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

Left In: 1851.655+/-0.457 χ^2/NDF:4367.5/9

Left: 1858.181+/-0.326 χ^2/NDF: 25836.4/20

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

In: 1914.189+/-0.356 χ^2/NDF:891573.7/26

Out: 1923.774+/-0.353 χ^2/NDF:426896.5/29

All: 1919.020+/-0.251 χ^2/NDF: 1318835.9/56

asym_at1_dd_correction_mean vs Slug, Sign Corrected

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

Left Out: 606.711+/-170.150 χ^2/NDF:30.3/10

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

Left In: -55.439+/-162.827 χ^2/NDF:8.7/9

Left: 261.081+/-117.640 χ^2/NDF: 46.9/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -55.439+/-162.827 χ^2/NDF:8.7/9

Out: 606.711+/-170.150 χ^2/NDF:30.3/10

All: 261.081+/-117.640 χ^2/NDF: 46.9/20

asym_at1_dd_correction_rms vs Slug, Sign Corrected

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

Left Out: 477.010+/-0.120 χ^2/NDF:301960.0/10

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

Left In: 465.535+/-0.115 χ^2/NDF:121769.4/9

Left: 471.020+/-0.083 χ^2/NDF: 428477.9/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 465.535+/-0.115 χ^2/NDF:121769.4/9

Out: 477.010+/-0.120 χ^2/NDF:301960.0/10

All: 471.020+/-0.083 χ^2/NDF: 428477.9/20

asym_at1_dd_mean vs Slug, Sign Corrected

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

Left Out: -1362.465+/-679.206 χ^2/NDF:13.4/10

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

Left In: -995.688+/-667.590 χ^2/NDF:18.3/9

Left: -1175.913+/-476.111 χ^2/NDF: 31.9/20

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

In: -795.132+/-528.530 χ^2/NDF:36.6/26

Out: -1264.309+/-534.711 χ^2/NDF:30.4/29

All: -1026.994+/-375.893 χ^2/NDF: 67.4/56

asym_at1_dd_rms vs Slug, Sign Corrected

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

Left Out: 1931.460+/-0.480 χ^2/NDF:25808.3/10

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

Left In: 1912.279+/-0.472 χ^2/NDF:3197.5/9

Left: 1921.704+/-0.337 χ^2/NDF: 29817.0/20

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

In: 2009.781+/-0.374 χ^2/NDF:922866.0/26

Out: 2044.551+/-0.378 χ^2/NDF:1067501.2/29

All: 2026.964+/-0.266 χ^2/NDF: 1994644.8/56

dit_asym_at2_avg_mean vs Slug, Sign Corrected

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

Left Out: 345.973+/-838.749 χ^2/NDF:14.7/10

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

Left In: 3219.845+/-789.783 χ^2/NDF:4.8/9

Left: 1869.240+/-574.993 χ^2/NDF: 25.7/20

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

In: 2848.255+/-550.707 χ^2/NDF:11.1/26

Out: 1224.807+/-553.548 χ^2/NDF:40.1/29

All: 2040.707+/-390.409 χ^2/NDF: 55.5/56

dit_asym_at2_avg_rms vs Slug, Sign Corrected

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

Left Out: 2358.958+/-0.593 χ^2/NDF:324546.6/10

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

Left In: 2264.028+/-0.558 χ^2/NDF:68715.6/9

Left: 2308.641+/-0.407 χ^2/NDF: 406841.7/20

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

In: 2094.670+/-0.389 χ^2/NDF:886628.8/26

Out: 2091.702+/-0.391 χ^2/NDF:1436331.3/29

All: 2093.194+/-0.276 χ^2/NDF: 2322989.0/56

asym_at2_avg_correction_mean vs Slug, Sign Corrected

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

Left Out: 1959.760+/-2852.635 χ^2/NDF:13.8/10

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

Left In: 2196.055+/-3215.928 χ^2/NDF:5.2/9

Left: 2063.812+/-2134.051 χ^2/NDF: 19.0/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2196.055+/-3215.928 χ^2/NDF:5.2/9

Out: 1959.760+/-2852.635 χ^2/NDF:13.8/10

All: 2063.812+/-2134.051 χ^2/NDF: 19.0/20

asym_at2_avg_correction_rms vs Slug, Sign Corrected

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

Left Out: 7628.338+/-2.017 χ^2/NDF:1689167.5/10

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

Left In: 9112.007+/-2.274 χ^2/NDF:411403.4/9

Left: 8281.670+/-1.509 χ^2/NDF: 2338808.0/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 9112.007+/-2.274 χ^2/NDF:411403.4/9

Out: 7628.338+/-2.017 χ^2/NDF:1689167.5/10

All: 8281.670+/-1.509 χ^2/NDF: 2338808.0/20

asym_at2_avg_mean vs Slug, Sign Corrected

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

Left Out: -1679.461+/-3080.328 χ^2/NDF:10.1/10

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

Left In: 1111.051+/-3244.567 χ^2/NDF:5.0/9

Left: -356.617+/-2233.927 χ^2/NDF: 15.5/20

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

In: 3373.294+/-2181.136 χ^2/NDF:20.3/26

Out: 1426.900+/-2068.042 χ^2/NDF:27.6/29

All: 2348.329+/-1500.716 χ^2/NDF: 48.3/56

asym_at2_avg_rms vs Slug, Sign Corrected

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

Left Out: 8520.524+/-2.178 χ^2/NDF:837188.0/10

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

Left In: 9194.840+/-2.294 χ^2/NDF:402244.5/9

Left: 8840.184+/-1.580 χ^2/NDF: 1284867.2/20

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

In: 8257.007+/-1.542 χ^2/NDF:1138914.5/26

Out: 7790.431+/-1.462 χ^2/NDF:1600473.8/29

All: 8011.296+/-1.061 χ^2/NDF: 2787585.5/56

dit_asym_at2_dd_mean vs Slug, Sign Corrected

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

Left Out: -225.247+/-681.292 χ^2/NDF:13.9/10

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

Left In: -127.420+/-651.634 χ^2/NDF:6.6/9

Left: -174.158+/-470.911 χ^2/NDF: 20.5/20

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

In: -603.425+/-470.205 χ^2/NDF:19.9/26

Out: -104.198+/-466.339 χ^2/NDF:29.4/29

All: -351.750+/-331.110 χ^2/NDF: 49.9/56

dit_asym_at2_dd_rms vs Slug, Sign Corrected

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

Left Out: 1916.745+/-0.482 χ^2/NDF:428053.0/10

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

Left In: 1868.877+/-0.461 χ^2/NDF:63378.6/9

Left: 1891.746+/-0.333 χ^2/NDF: 496587.9/20

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

In: 1788.545+/-0.332 χ^2/NDF:905509.0/26

Out: 1775.899+/-0.330 χ^2/NDF:1177727.2/29

All: 1782.170+/-0.234 χ^2/NDF: 2083965.5/56

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

Left Out: 937.678+/-1416.924 χ^2/NDF:10.5/10

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

Left In: -557.755+/-1351.571 χ^2/NDF:6.0/9

Left: 154.680+/-977.993 χ^2/NDF: 17.1/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -557.755+/-1351.571 χ^2/NDF:6.0/9

Out: 937.678+/-1416.924 χ^2/NDF:10.5/10

All: 154.680+/-977.993 χ^2/NDF: 17.1/20

asym_at2_dd_correction_rms vs Slug, Sign Corrected

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

Left Out: 3983.042+/-1.002 χ^2/NDF:457826.7/10

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

Left In: 3876.957+/-0.956 χ^2/NDF:57831.9/9

Left: 3927.497+/-0.692 χ^2/NDF: 521528.5/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3876.957+/-0.956 χ^2/NDF:57831.9/9

Out: 3983.042+/-1.002 χ^2/NDF:457826.7/10

All: 3927.497+/-0.692 χ^2/NDF: 521528.5/20

asym_at2_dd_mean vs Slug, Sign Corrected

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

Left Out: -1108.104+/-784.621 χ^2/NDF:9.8/10

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

Left In: 433.778+/-743.831 χ^2/NDF:5.3/9

Left: -296.044+/-539.812 χ^2/NDF: 17.1/20

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

In: 609.464+/-588.425 χ^2/NDF:27.0/26

Out: -129.363+/-598.361 χ^2/NDF:22.4/29

All: 246.236+/-419.548 χ^2/NDF: 50.2/56

asym_at2_dd_rms vs Slug, Sign Corrected

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

Left Out: 2200.890+/-0.555 χ^2/NDF:527871.6/10

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

Left In: 2134.004+/-0.526 χ^2/NDF:51922.0/9

Left: 2165.663+/-0.382 χ^2/NDF: 587448.1/20

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

In: 2247.108+/-0.416 χ^2/NDF:644049.0/26

Out: 2268.118+/-0.423 χ^2/NDF:1218808.0/29

All: 2257.437+/-0.297 χ^2/NDF: 1864110.5/56

dit_asym_atl_avg_mean vs Slug, Sign Corrected

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

Left Out: 1016.531+/-733.071 χ^2/NDF:16.7/10

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

Left In: 2463.504+/-694.964 χ^2/NDF:20.5/9

Left: 1778.603+/-504.347 χ^2/NDF: 39.2/20

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

In: 2123.230+/-491.215 χ^2/NDF:33.4/26

Out: 1126.591+/-509.318 χ^2/NDF:41.0/29

All: 1642.937+/-353.568 χ^2/NDF: 76.3/56

dit_asym_atl_avg_rms vs Slug, Sign Corrected

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

Left Out: 2056.890+/-0.518 χ^2/NDF:378494.7/10

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

Left In: 1988.253+/-0.491 χ^2/NDF:50415.3/9

Left: 2020.741+/-0.357 χ^2/NDF: 438144.0/20

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

In: 1867.447+/-0.347 χ^2/NDF:853670.2/26

Out: 1942.190+/-0.360 χ^2/NDF:1023441.3/29

All: 1903.490+/-0.250 χ^2/NDF: 1899440.5/56

asym_atl_avg_correction_mean vs Slug, Sign Corrected

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

Left Out: -1333.862+/-760.415 χ^2/NDF:15.4/10

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

Left In: 1277.312+/-1854.541 χ^2/NDF:4.9/9

Left: -958.046+/-703.568 χ^2/NDF: 22.0/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1277.312+/-1854.541 χ^2/NDF:4.9/9

Out: -1333.862+/-760.415 χ^2/NDF:15.4/10

All: -958.046+/-703.568 χ^2/NDF: 22.0/20

asym_atl_avg_correction_rms vs Slug, Sign Corrected

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

Left Out: 1350.276+/-0.538 χ^2/NDF:9685590.7/10

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

Left In: 5247.997+/-1.311 χ^2/NDF:455552.3/9

Left: 1911.259+/-0.497 χ^2/NDF: 17704067.8/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5247.997+/-1.311 χ^2/NDF:455552.3/9

Out: 1350.276+/-0.538 χ^2/NDF:9685590.7/10

All: 1911.259+/-0.497 χ^2/NDF: 17704067.8/2

asym_atl_avg_mean vs Slug, Sign Corrected

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

Left Out: 293.884+/-1914.952 χ^2/NDF:10.8/10

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

Left In: 1678.196+/-1957.258 χ^2/NDF:2.8/9

Left: 970.918+/-1368.788 χ^2/NDF: 13.9/20

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

In: 1772.556+/-1083.657 χ^2/NDF:17.8/26

Out: 427.909+/-1067.643 χ^2/NDF:37.3/29

All: 1090.223+/-760.536 χ^2/NDF: 55.9/56

asym_atl_avg_rms vs Slug, Sign Corrected

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

Left Out: 5339.597+/-1.354 χ^2/NDF:598082.8/10

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

Left In: 5547.960+/-1.384 χ^2/NDF:381485.6/9

Left: 5441.502+/-0.968 χ^2/NDF: 991149.0/20

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

In: 3858.410+/-0.766 χ^2/NDF:4409562.5/26

Out: 3765.415+/-0.747 χ^2/NDF:4551238.8/29

All: 3810.751+/-0.535 χ^2/NDF: 8968349.5/56

dit_asym_atl_dd_mean vs Slug, Sign Corrected

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

Left Out: 789.892+/-708.491 χ^2/NDF:18.1/10

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

Left In: -761.774+/-673.558 χ^2/NDF:4.4/9

Left: -25.136+/-488.160 χ^2/NDF: 25.0/20

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

In: -274.391+/-480.886 χ^2/NDF:17.0/26

Out: 5.399+/-492.157 χ^2/NDF:46.3/29

All: -137.736+/-343.953 χ^2/NDF: 63.4/56

dit_asym_atl_dd_rms vs Slug, Sign Corrected

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

Left Out: 1988.694+/-0.501 χ^2/NDF:376749.8/10

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

Left In: 1928.021+/-0.476 χ^2/NDF:36139.9/9

Left: 1956.825+/-0.345 χ^2/NDF: 420593.7/20

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

In: 1841.649+/-0.340 χ^2/NDF:404117.8/26

Out: 1880.647+/-0.348 χ^2/NDF:894830.0/29

All: 1860.712+/-0.243 χ^2/NDF: 1305377.5/56

asym_atl_dd_correction_mean vs Slug, Sign Corrected

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

Left Out: 172.367+/-516.124 χ^2/NDF:15.5/10

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

Left In: -1285.304+/-1572.301 χ^2/NDF:4.5/9

Left: 30.575+/-490.379 χ^2/NDF: 20.7/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1285.304+/-1572.301 χ^2/NDF:4.5/9

Out: 172.367+/-516.124 χ^2/NDF:15.5/10

All: 30.575+/-490.379 χ^2/NDF: 20.7/20

asym_atl_dd_correction_rms vs Slug, Sign Corrected

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

Left Out: 825.687+/-0.365 χ^2/NDF:10876702.2/10

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

Left In: 4456.235+/-1.112 χ^2/NDF:401973.4/9

Left: 1178.841+/-0.347 χ^2/NDF: 20904979.4/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4456.235+/-1.112 χ^2/NDF:401973.4/9

Out: 825.687+/-0.365 χ^2/NDF:10876702.2/10

All: 1178.841+/-0.347 χ^2/NDF: 20904979.4/2

asym_atl_dd_mean vs Slug, Sign Corrected

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

Left Out: 551.757+/-1682.334 χ^2/NDF:8.2/10

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

Left In: 646.483+/-1697.333 χ^2/NDF:6.1/9

Left: 598.699+/-1194.858 χ^2/NDF: 14.3/20

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

In: -269.916+/-1005.309 χ^2/NDF:22.0/26

Out: -485.055+/-972.126 χ^2/NDF:23.8/29

All: -381.094+/-698.834 χ^2/NDF: 45.9/56

asym_atl_dd_rms vs Slug, Sign Corrected

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

Left Out: 4718.030+/-1.190 χ^2/NDF:422133.8/10

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

Left In: 4822.308+/-1.200 χ^2/NDF:318010.0/9

Left: 4769.706+/-0.845 χ^2/NDF: 743951.7/20

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

In: 3707.986+/-0.711 χ^2/NDF:2605657.7/26

Out: 3576.733+/-0.682 χ^2/NDF:2586853.1/29

All: 3639.609+/-0.492 χ^2/NDF: 5210271.4/56

dit_asym_atr_avg_mean vs Slug, Sign Corrected

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

Left Out: 2078.876+/-717.663 χ^2/NDF:7.9/10

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

Left In: 3495.468+/-699.789 χ^2/NDF:17.4/9

Left: 2805.032+/-501.025 χ^2/NDF: 27.3/20

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

In: 3269.883+/-525.394 χ^2/NDF:27.5/26

Out: 2323.052+/-529.128 χ^2/NDF:27.7/29

All: 2799.820+/-372.823 χ^2/NDF: 56.9/56

dit_asym_atr_avg_rms vs Slug, Sign Corrected

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

Left Out: 2040.359+/-0.507 χ^2/NDF:43524.9/10

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

Left In: 2008.652+/-0.495 χ^2/NDF:26654.8/9

Left: 2024.106+/-0.354 χ^2/NDF: 72180.9/20

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

In: 2010.525+/-0.372 χ^2/NDF:644395.0/26

Out: 2033.379+/-0.374 χ^2/NDF:641361.9/29

All: 2021.873+/-0.264 χ^2/NDF: 1287635.9/56

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

Left Out: 1368.005+/-1644.467 χ^2/NDF:13.4/10

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

Left In: 1017.451+/-1618.873 χ^2/NDF:5.3/9

Left: 1189.979+/-1153.658 χ^2/NDF: 18.7/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1017.451+/-1618.873 χ^2/NDF:5.3/9

Out: 1368.005+/-1644.467 χ^2/NDF:13.4/10

All: 1189.979+/-1153.658 χ^2/NDF: 18.7/20

asym_atr_avg_correction_rms vs Slug, Sign Corrected

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

Left Out: 4575.239+/-1.163 χ^2/NDF:508443.1/10

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

Left In: 4582.361+/-1.145 χ^2/NDF:444861.7/9

Left: 4578.856+/-0.816 χ^2/NDF: 953323.8/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4582.361+/-1.145 χ^2/NDF:444861.7/9

Out: 4575.239+/-1.163 χ^2/NDF:508443.1/10

All: 4578.856+/-0.816 χ^2/NDF: 953323.8/20

asym_atr_avg_mean vs Slug, Sign Corrected

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

Left Out: 91.916+/-1766.890 χ^2/NDF:11.5/10

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

Left In: 2204.948+/-1740.053 χ^2/NDF:8.7/9

Left: 1164.601+/-1239.783 χ^2/NDF: 20.9/20

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

In: 3136.676+/-1269.992 χ^2/NDF:23.4/26

Out: 2104.746+/-1234.372 χ^2/NDF:28.8/29

All: 2606.036+/-885.158 χ^2/NDF: 52.6/56

asym_atr_avg_rms vs Slug, Sign Corrected

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

Left Out: 4962.893+/-1.249 χ^2/NDF:383007.5/10

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

Left In: 4939.292+/-1.230 χ^2/NDF:355217.1/9

Left: 4950.912+/-0.877 χ^2/NDF: 738405.8/20

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

In: 4812.268+/-0.898 χ^2/NDF:1155882.4/26

Out: 4652.803+/-0.870 χ^2/NDF:1335404.6/29

All: 4730.031+/-0.625 χ^2/NDF: 2507548.5/56

dit_asym_atr_dd_mean vs Slug, Sign Corrected

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

Left Out: 1267.207+/-698.522 χ^2/NDF:9.6/10

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

Left In: 303.823+/-684.382 χ^2/NDF:6.3/9

Left: 775.665+/-488.854 χ^2/NDF: 16.9/20

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

In: -261.348+/-519.111 χ^2/NDF:20.9/26

Out: 883.585+/-514.546 χ^2/NDF:21.1/29

All: 316.175+/-365.442 χ^2/NDF: 44.4/56

dit_asym_atr_dd_rms vs Slug, Sign Corrected

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

Left Out: 1987.374+/-0.494 χ^2/NDF:27788.8/10

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

Left In: 1965.066+/-0.484 χ^2/NDF:17788.0/9

Left: 1975.992+/-0.346 χ^2/NDF: 46617.6/20

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

In: 1985.536+/-0.367 χ^2/NDF:672050.1/26

Out: 1982.873+/-0.364 χ^2/NDF:322869.3/29

All: 1984.192+/-0.258 χ^2/NDF: 994946.0/56

asym_atr_dd_correction_mean vs Slug, Sign Corrected

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

Left Out: -2309.358+/-1399.743 χ^2/NDF:12.5/10

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

Left In: -836.376+/-1410.830 χ^2/NDF:6.4/9

Left: -1578.677+/-993.664 χ^2/NDF: 19.5/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -836.376+/-1410.830 χ^2/NDF:6.4/9

Out: -2309.358+/-1399.743 χ^2/NDF:12.5/10

All: -1578.677+/-993.664 χ^2/NDF: 19.5/20

asym_atr_dd_correction_rms vs Slug, Sign Corrected

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

Left Out: 3893.503+/-0.990 χ^2/NDF:503527.3/10

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

Left In: 3997.365+/-0.998 χ^2/NDF:404301.7/9

Left: 3945.025+/-0.703 χ^2/NDF: 913291.3/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3997.365+/-0.998 χ^2/NDF:404301.7/9

Out: 3893.503+/-0.990 χ^2/NDF:503527.3/10

All: 3945.025+/-0.703 χ^2/NDF: 913291.3/20

asym_atr_dd_mean vs Slug, Sign Corrected

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

Left Out: 3342.661+/-1549.398 χ^2/NDF:12.2/10

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

Left In: 1014.615+/-1553.422 χ^2/NDF:7.1/9

Left: 2181.657+/-1097.010 χ^2/NDF: 20.4/20

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

In: -472.100+/-1175.272 χ^2/NDF:30.1/26

Out: 1511.695+/-1142.009 χ^2/NDF:27.1/29

All: 548.267+/-819.030 χ^2/NDF: 58.6/56

asym_atr_dd_rms vs Slug, Sign Corrected

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

Left Out: 4356.723+/-1.096 χ^2/NDF:348501.7/10

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

Left In: 4418.404+/-1.098 χ^2/NDF:297217.7/9

Left: 4387.483+/-0.776 χ^2/NDF: 647300.1/20

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

In: 4461.284+/-0.831 χ^2/NDF:1071008.4/26

Out: 4328.995+/-0.805 χ^2/NDF:1121598.2/29

All: 4393.073+/-0.578 χ^2/NDF: 2205672.2/56

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: 1511.315+/-551.359 χ^2/NDF:13.8/10

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

Left In: 3107.939+/-524.071 χ^2/NDF:17.4/9

Left: 2350.114+/-379.855 χ^2/NDF: 35.6/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3107.939+/-524.071 χ^2/NDF:17.4/9

Out: 1511.315+/-551.359 χ^2/NDF:13.8/10

All: 2350.114+/-379.855 χ^2/NDF: 35.6/20

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: 1555.288+/-0.390 χ^2/NDF:205003.6/10

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

Left In: 1500.443+/-0.371 χ^2/NDF:46770.8/9

Left: 1526.475+/-0.269 χ^2/NDF: 262170.9/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1500.443+/-0.371 χ^2/NDF:46770.8/9

Out: 1555.288+/-0.390 χ^2/NDF:205003.6/10

All: 1526.475+/-0.269 χ^2/NDF: 262170.9/20

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: 742.452+/-1558.231 χ^2/NDF:13.8/10

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

Left In: 1146.300+/-1735.736 χ^2/NDF:5.1/9

Left: 922.676+/-1159.529 χ^2/NDF: 19.0/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1146.300+/-1735.736 χ^2/NDF:5.1/9

Out: 742.452+/-1558.231 χ^2/NDF:13.8/10

All: 922.676+/-1159.529 χ^2/NDF: 19.0/20

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: 4179.650+/-1.102 χ^2/NDF:1602942.9/10

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

Left In: 4912.496+/-1.227 χ^2/NDF:450116.2/9

Left: 4506.696+/-0.820 χ^2/NDF: 2250477.1/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4912.496+/-1.227 χ^2/NDF:450116.2/9

Out: 4179.650+/-1.102 χ^2/NDF:1602942.9/10

All: 4506.696+/-0.820 χ^2/NDF: 2250477.1/20

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: 56.641+/-1707.398 χ^2/NDF:10.7/10

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

Left In: 2123.866+/-1781.879 χ^2/NDF:4.8/9

Left: 1046.147+/-1232.803 χ^2/NDF: 16.2/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2123.866+/-1781.879 χ^2/NDF:4.8/9

Out: 56.641+/-1707.398 χ^2/NDF:10.7/10

All: 1046.147+/-1232.803 χ^2/NDF: 16.2/20

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: 4730.962+/-1.207 χ^2/NDF:793462.8/10

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

Left In: 5047.628+/-1.260 χ^2/NDF:412090.1/9

Left: 4882.539+/-0.872 χ^2/NDF: 1238483.0/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5047.628+/-1.260 χ^2/NDF:412090.1/9

Out: 4730.962+/-1.207 χ^2/NDF:793462.8/10

All: 4882.539+/-0.872 χ^2/NDF: 1238483.0/20

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: -506.754+/-481.171 χ^2/NDF:11.2/10

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

Left In: -482.637+/-464.097 χ^2/NDF:19.9/9

Left: -494.260+/-334.039 χ^2/NDF: 31.1/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -482.637+/-464.097 χ^2/NDF:19.9/9

Out: -506.754+/-481.171 χ^2/NDF:11.2/10

All: -494.260+/-334.039 χ^2/NDF: 31.1/20

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: 1359.200+/-0.340 χ^2/NDF:246412.9/10

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

Left In: 1329.368+/-0.328 χ^2/NDF:25831.6/9

Left: 1343.745+/-0.236 χ^2/NDF: 276227.1/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1329.368+/-0.328 χ^2/NDF:25831.6/9

Out: 1359.200+/-0.340 χ^2/NDF:246412.9/10

All: 1343.745+/-0.236 χ^2/NDF: 276227.1/20

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: -245.246+/-140.898 χ^2/NDF:21.8/10

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

Left In: 148.107+/-133.419 χ^2/NDF:3.6/9

Left: -37.853+/-96.878 χ^2/NDF: 29.5/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 148.107+/-133.419 χ^2/NDF:3.6/9

Out: -245.246+/-140.898 χ^2/NDF:21.8/10

All: -37.853+/-96.878 χ^2/NDF: 29.5/20

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: 378.050+/-0.100 χ^2/NDF:1651975.2/10

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

Left In: 377.659+/-0.094 χ^2/NDF:462188.6/9

Left: 377.844+/-0.069 χ^2/NDF: 2114171.9/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 377.659+/-0.094 χ^2/NDF:462188.6/9

Out: 378.050+/-0.100 χ^2/NDF:1651975.2/10

All: 377.844+/-0.069 χ^2/NDF: 2114171.9/20

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: -214.327+/-507.267 χ^2/NDF:6.9/10

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

Left In: -602.483+/-484.624 χ^2/NDF:15.2/9

Left: -417.261+/-350.412 χ^2/NDF: 22.4/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -602.483+/-484.624 χ^2/NDF:15.2/9

Out: -214.327+/-507.267 χ^2/NDF:6.9/10

All: -417.261+/-350.412 χ^2/NDF: 22.4/20

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: 1424.534+/-0.359 χ^2/NDF:441750.1/10

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

Left In: 1388.043+/-0.343 χ^2/NDF:33553.0/9

Left: 1405.456+/-0.248 χ^2/NDF: 480714.1/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1388.043+/-0.343 χ^2/NDF:33553.0/9

Out: 1424.534+/-0.359 χ^2/NDF:441750.1/10

All: 1405.456+/-0.248 χ^2/NDF: 480714.1/20

Right In: -174.841+/-554.659 χ^2/NDF: 11.8/16

Left Out: 961.976+/-528.043 χ^2/NDF:12.8/10

Right Out: -164.937+/-540.101 χ^2/NDF: 20.7/18

Left In: -216.449+/-504.122 χ^2/NDF:4.7/9

Left: 345.468+/-364.632 χ^2/NDF: 20.1/20

Right: -169.758+/-386.953 χ^2/NDF: 32.4/35

In: -197.627+/-373.058 χ^2/NDF:16.5/26

Out: 411.239+/-377.574 χ^2/NDF:35.7/29

All: 103.144+/-265.374 χ^2/NDF: 53.5/56

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: 1490.689+/-0.373 χ^2/NDF:191506.6/10

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

Left In: 1444.407+/-0.356 χ^2/NDF:26404.1/9

Left: 1466.476+/-0.258 χ^2/NDF: 225948.8/20

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

In: 1425.544+/-0.264 χ^2/NDF:558920.8/26

Out: 1445.092+/-0.267 χ^2/NDF:575370.1/29

All: 1435.203+/-0.188 χ^2/NDF: 1137004.2/56

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: -1230.123+/-1294.350 χ^2/NDF:13.6/10

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

Left In: -1055.219+/-1474.559 χ^2/NDF:5.3/9

Left: -1154.006+/-972.753 χ^2/NDF: 18.9/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1055.219+/-1474.559 χ^2/NDF:5.3/9

Out: -1230.123+/-1294.350 χ^2/NDF:13.6/10

All: -1154.006+/-972.753 χ^2/NDF: 18.9/20

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: 3451.007+/-0.915 χ^2/NDF:1766119.7/10

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

Left In: 4177.719+/-1.043 χ^2/NDF:408560.5/9

Left: 3767.266+/-0.688 χ^2/NDF: 2449046.8/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4177.719+/-1.043 χ^2/NDF:408560.5/9

Out: 3451.007+/-0.915 χ^2/NDF:1766119.7/10

All: 3767.266+/-0.688 χ^2/NDF: 2449046.8/20

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: 1924.665+/-1473.845 χ^2/NDF:9.2/10

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

Left In: 920.091+/-1536.162 χ^2/NDF:6.4/9

Left: 1443.167+/-1063.514 χ^2/NDF: 15.8/20

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

In: -312.848+/-1072.893 χ^2/NDF:24.3/26

Out: 421.550+/-1006.927 χ^2/NDF:25.3/29

All: 77.621+/-734.218 χ^2/NDF: 49.9/56

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: 4100.640+/-1.042 χ^2/NDF:661451.5/10

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

Left In: 4359.721+/-1.086 χ^2/NDF:360833.8/9

Left: 4224.819+/-0.752 χ^2/NDF: 1051907.0/20

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

In: 4086.260+/-0.759 χ^2/NDF:818972.9/26

Out: 3792.839+/-0.709 χ^2/NDF:1379068.4/29

All: 3929.540+/-0.518 χ^2/NDF: 2277941.1/56

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: -313.398+/-476.239 χ^2/NDF:15.2/10

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

Left In: -547.789+/-459.055 χ^2/NDF:6.4/9

Left: -434.898+/-330.509 χ^2/NDF: 21.7/20

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

In: -134.842+/-346.424 χ^2/NDF:24.8/26

Out: -485.107+/-348.138 χ^2/NDF:33.5/29

All: -309.110+/-245.563 χ^2/NDF: 58.8/56

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: 1345.229+/-0.337 χ^2/NDF:242971.3/10

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

Left In: 1314.922+/-0.325 χ^2/NDF:25214.2/9

Left: 1329.519+/-0.234 χ^2/NDF: 272383.9/20

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

In: 1321.796+/-0.245 χ^2/NDF:629730.3/26

Out: 1334.741+/-0.246 χ^2/NDF:639467.8/29

All: 1328.237+/-0.174 χ^2/NDF: 1270587.6/56

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: 787.650+/-252.853 χ^2/NDF:30.8/10

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

Left In: -223.694+/-238.050 χ^2/NDF:5.4/9

Left: 251.508+/-173.324 χ^2/NDF: 44.7/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -223.694+/-238.050 χ^2/NDF:5.4/9

Out: 787.650+/-252.853 χ^2/NDF:30.8/10

All: 251.508+/-173.324 χ^2/NDF: 44.7/20

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: 704.546+/-0.179 χ^2/NDF:524658.0/10

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

Left In: 681.377+/-0.168 χ^2/NDF:96081.5/9

Left: 692.263+/-0.123 χ^2/NDF: 629641.7/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 681.377+/-0.168 χ^2/NDF:96081.5/9

Out: 704.546+/-0.179 χ^2/NDF:524658.0/10

All: 692.263+/-0.123 χ^2/NDF: 629641.7/20

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: -1326.635+/-542.624 χ^2/NDF:14.2/10

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

Left In: -381.988+/-519.496 χ^2/NDF:8.2/9

Left: -833.751+/-375.249 χ^2/NDF: 23.9/20

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

In: -257.751+/-426.137 χ^2/NDF:31.9/26

Out: -979.621+/-436.278 χ^2/NDF:26.0/29

All: -610.198+/-304.846 χ^2/NDF: 59.3/56

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: 1532.456+/-0.384 χ^2/NDF:269159.9/10

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

Left In: 1489.135+/-0.367 χ^2/NDF:16719.1/9

Left: 1509.852+/-0.265 χ^2/NDF: 292530.2/20

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

In: 1619.880+/-0.301 χ^2/NDF:869818.7/26

Out: 1662.848+/-0.308 χ^2/NDF:1057222.1/29

All: 1640.859+/-0.216 χ^2/NDF: 1936968.9/56

dit_asym_atl1_mean vs Slug, Sign Corrected

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

Left Out: 2115.358+/-874.096 χ^2/NDF:10.0/10

Right Out: 907.837+/-1046.878 χ^2/NDF: 22.9/18

Left In: 1624.572+/-854.082 χ^2/NDF:18.7/9

Left: 1864.282+/-610.880 χ^2/NDF: 28.8/20

Right: 1572.479+/-737.556 χ^2/NDF: 37.3/35

In: 1867.625+/-659.853 χ^2/NDF:32.4/26

Out: 1619.337+/-670.964 χ^2/NDF:33.7/29

All: 1745.553+/-470.466 χ^2/NDF: 66.2/56

dit_asym_atl1_rms vs Slug, Sign Corrected

Right In: 2627.570+/-0.735 χ^2/NDF: 644396.7/16

Left Out: 2482.850+/-0.618 χ^2/NDF:54868.1/10

Right Out: 2731.271+/-0.740 χ^2/NDF: 598207.5/18

Left In: 2446.462+/-0.604 χ^2/NDF:5733.3/9

Left: 2464.235+/-0.432 χ^2/NDF: 62374.6/20

Right: 2679.043+/-0.522 χ^2/NDF: 1252488.0/35

In: 2519.468+/-0.467 χ^2/NDF:686381.7/26

Out: 2584.896+/-0.474 χ^2/NDF:719433.7/29

All: 2551.636+/-0.333 χ^2/NDF: 1415482.7/56

asym_atl1_correction_mean vs Slug, Sign Corrected

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

Left Out: 408.199+/-288.090 χ^2/NDF:22.1/10

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

Left In: 25.896+/-296.939 χ^2/NDF:7.6/9

Left: 222.829+/-206.768 χ^2/NDF: 30.6/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 25.896+/-296.939 χ^2/NDF:7.6/9

Out: 408.199+/-288.090 χ^2/NDF:22.1/10

All: 222.829+/-206.768 χ^2/NDF: 30.6/20

asym_atl1_correction_rms vs Slug, Sign Corrected

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

Left Out: 775.692+/-0.204 χ^2/NDF:1415401.5/10

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

Left In: 819.620+/-0.210 χ^2/NDF:1228794.7/9

Left: 796.991+/-0.146 χ^2/NDF: 2666743.0/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 819.620+/-0.210 χ^2/NDF:1228794.7/9

Out: 775.692+/-0.204 χ^2/NDF:1415401.5/10

All: 796.991+/-0.146 χ^2/NDF: 2666743.0/20

asym_atl1_mean vs Slug, Sign Corrected

Right In: 2037.803+/-1151.419 χ^2/NDF: 14.8/16

Left Out: 1273.372+/-942.553 χ^2/NDF:12.0/10

Right Out: 1080.125+/-1186.666 χ^2/NDF: 25.3/18

Left In: 1566.565+/-919.088 χ^2/NDF:12.7/9

Left: 1423.664+/-658.033 χ^2/NDF: 24.7/20

Right: 1573.398+/-826.356 χ^2/NDF: 40.5/35

In: 1749.964+/-718.310 χ^2/NDF:27.6/26

Out: 1198.617+/-738.063 χ^2/NDF:37.3/29

All: 1481.767+/-514.763 χ^2/NDF: 65.3/56

asym_atl1_rms vs Slug, Sign Corrected

Right In: 2909.732+/-0.814 χ^2/NDF: 641894.7/16

Left Out: 2674.342+/-0.666 χ^2/NDF:84700.1/10

Right Out: 3039.118+/-0.839 χ^2/NDF: 1011306.5/18

Left In: 2628.688+/-0.650 χ^2/NDF:51379.8/9

Left: 2650.940+/-0.465 χ^2/NDF: 138485.1/20

Right: 2972.475+/-0.584 χ^2/NDF: 1665447.8/35

In: 2738.067+/-0.508 χ^2/NDF:766056.1/26

Out: 2815.451+/-0.522 χ^2/NDF:1211884.3/29

All: 2775.710+/-0.364 χ^2/NDF: 1989231.7/56

dit_asym_atl2_mean vs Slug, Sign Corrected

Right In: 1451.980+/-889.008 χ^2/NDF: 7.4/16

Left Out: -54.170+/-1124.497 χ^2/NDF:21.2/10

Right Out: 1969.182+/-850.490 χ^2/NDF: 22.4/18

Left In: 3032.745+/-1059.043 χ^2/NDF:7.2/9

Left: 1581.737+/-770.958 χ^2/NDF: 32.4/20

Right: 1722.028+/-614.553 χ^2/NDF: 30.0/35

In: 2105.429+/-680.904 χ^2/NDF:15.9/26

Out: 1232.921+/-678.326 χ^2/NDF:45.6/29

All: 1667.520+/-480.558 χ^2/NDF: 62.3/56

dit_asym_atl2_rms vs Slug, Sign Corrected

Right In: 2223.132+/-0.629 χ^2/NDF: 850289.4/16

Left Out: 3144.164+/-0.795 χ^2/NDF:537939.1/10

Right Out: 2198.760+/-0.601 χ^2/NDF: 602418.1/18

Left In: 3034.012+/-0.749 χ^2/NDF:84998.2/9

Left: 3085.789+/-0.545 χ^2/NDF: 633107.6/20

Right: 2210.398+/-0.434 χ^2/NDF: 1453492.9/35

In: 2558.329+/-0.481 χ^2/NDF:1623110.9/26

Out: 2542.458+/-0.479 χ^2/NDF:2040093.9/29

All: 2550.360+/-0.340 χ^2/NDF: 3663750.5/56

asym_atl2_correction_mean vs Slug, Sign Corrected

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

Left Out: -1646.527+/-1146.987 χ^2/NDF:15.2/10

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

Left In: 2562.299+/-3428.674 χ^2/NDF:4.7/9

Left: -1222.927+/-1087.737 χ^2/NDF: 21.3/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2562.299+/-3428.674 χ^2/NDF:4.7/9

Out: -1646.527+/-1146.987 χ^2/NDF:15.2/10

All: -1222.927+/-1087.737 χ^2/NDF: 21.3/20

asym_atl2_correction_rms vs Slug, Sign Corrected

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

Left Out: 1848.104+/-0.811 χ^2/NDF:10803466.8/10

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

Left In: 9714.257+/-2.424 χ^2/NDF:415558.1/9

Left: 2639.799+/-0.769 χ^2/NDF: 20686480.1/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 9714.257+/-2.424 χ^2/NDF:415558.1/9

Out: 1848.104+/-0.811 χ^2/NDF:10803466.8/10

All: 2639.799+/-0.769 χ^2/NDF: 20686480.1/2

asym_atl2_mean vs Slug, Sign Corrected

Right In: 3859.866+/-2508.782 χ^2/NDF: 14.8/16

Left Out: 11.227+/-3446.682 χ^2/NDF:9.4/10

Right Out: 2482.925+/-2421.310 χ^2/NDF: 20.0/18

Left In: 914.012+/-3531.106 χ^2/NDF:3.8/9

Left: 451.698+/-2466.479 χ^2/NDF: 13.2/20

Right: 3146.972+/-1742.228 χ^2/NDF: 35.0/35

In: 2871.673+/-2045.154 χ^2/NDF:19.0/26

Out: 1666.183+/-1981.280 χ^2/NDF:29.8/29

All: 2249.809+/-1423.022 χ^2/NDF: 49.0/56

asym_atl2_rms vs Slug, Sign Corrected

Right In: 6330.291+/-1.774 χ^2/NDF: 593395.6/16

Left Out: 9613.352+/-2.437 χ^2/NDF:594673.0/10

Right Out: 6253.330+/-1.712 χ^2/NDF: 535355.5/18

Left In: 10013.687+/-2.497 χ^2/NDF:380911.1/9

Left: 9808.677+/-1.744 χ^2/NDF: 988748.7/20

Right: 6290.444+/-1.232 χ^2/NDF: 1129725.5/35

In: 7565.887+/-1.446 χ^2/NDF:2420522.1/26

Out: 7363.539+/-1.401 χ^2/NDF:2402699.3/29

All: 7461.501+/-1.006 χ^2/NDF: 4833321.4/56

dit_asym_atr1_mean vs Slug, Sign Corrected

Right In: 2005.383+/-1134.240 χ^2/NDF: 12.1/16

Left Out: 3437.101+/-973.413 χ^2/NDF:12.0/10

Right Out: 2781.006+/-1086.164 χ^2/NDF: 9.9/18

Left In: 3782.277+/-966.792 χ^2/NDF:20.0/9

Left: 3610.867+/-685.954 χ^2/NDF: 32.0/20

Right: 2409.980+/-784.479 χ^2/NDF: 22.2/35

In: 3034.551+/-735.775 χ^2/NDF:33.5/26

Out: 3144.864+/-724.903 χ^2/NDF:22.1/29

All: 3090.529+/-516.385 χ^2/NDF: 55.5/56

dit_asym_atr1_rms vs Slug, Sign Corrected

Right In: 2869.197+/-0.802 χ^2/NDF: 669900.5/16

Left Out: 2777.065+/-0.688 χ^2/NDF:4552.9/10

Right Out: 2841.561+/-0.768 χ^2/NDF: 312523.0/18

Left In: 2775.881+/-0.684 χ^2/NDF:4213.6/9

Left: 2776.469+/-0.485 χ^2/NDF: 8768.1/20

Right: 2854.781+/-0.555 χ^2/NDF: 983042.8/35

In: 2815.149+/-0.520 χ^2/NDF:681954.8/26

Out: 2805.792+/-0.513 χ^2/NDF:320986.8/29

All: 2810.401+/-0.365 χ^2/NDF: 1003105.7/56

asym_atr1_correction_mean vs Slug, Sign Corrected

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

Left Out: -937.980+/-311.343 χ^2/NDF:18.7/10

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

Left In: 221.647+/-289.410 χ^2/NDF:4.9/9

Left: -315.886+/-211.974 χ^2/NDF: 31.1/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 221.647+/-289.410 χ^2/NDF:4.9/9

Out: -937.980+/-311.343 χ^2/NDF:18.7/10

All: -315.886+/-211.974 χ^2/NDF: 31.1/20

asym_atr1_correction_rms vs Slug, Sign Corrected

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

Left Out: 852.897+/-0.220 χ^2/NDF:910033.5/10

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

Left In: 809.921+/-0.205 χ^2/NDF:816801.5/9

Left: 829.842+/-0.150 χ^2/NDF: 1747277.8/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 809.921+/-0.205 χ^2/NDF:816801.5/9

Out: 852.897+/-0.220 χ^2/NDF:910033.5/10

All: 829.842+/-0.150 χ^2/NDF: 1747277.8/20

asym_atr1_mean vs Slug, Sign Corrected

Right In: 2330.134+/-1156.555 χ^2/NDF: 14.4/16

Left Out: 3879.287+/-1033.326 χ^2/NDF:13.4/10

Right Out: 2403.750+/-1110.093 χ^2/NDF: 10.1/18

Left In: 3595.105+/-1018.199 χ^2/NDF:20.8/9

Left: 3735.101+/-725.265 χ^2/NDF: 34.2/20

Right: 2368.450+/-800.876 χ^2/NDF: 24.5/35

In: 3042.771+/-764.235 χ^2/NDF:35.9/26

Out: 3194.297+/-756.356 χ^2/NDF:24.4/29

All: 3119.319+/-537.588 χ^2/NDF: 60.3/56

asym_atr1_rms vs Slug, Sign Corrected

Right In: 2926.610+/-0.818 χ^2/NDF: 662794.4/16

Left Out: 2945.141+/-0.731 χ^2/NDF:29864.9/10

Right Out: 2900.827+/-0.785 χ^2/NDF: 169866.6/18

Left In: 2921.534+/-0.720 χ^2/NDF:25056.0/9

Left: 2933.163+/-0.513 χ^2/NDF: 55450.6/20

Right: 2913.190+/-0.566 χ^2/NDF: 833178.3/35

In: 2923.751+/-0.540 χ^2/NDF:687872.1/26

Out: 2924.569+/-0.535 χ^2/NDF:201439.1/29

All: 2924.164+/-0.380 χ^2/NDF: 889312.3/56

dit_asym_atr2_mean vs Slug, Sign Corrected

Right In: 3645.268+/-1091.486 χ^2/NDF: 9.9/16

Left Out: 734.972+/-1018.876 χ^2/NDF:5.5/10

Right Out: 2295.846+/-1046.865 χ^2/NDF: 18.4/18

Left In: 3200.531+/-986.202 χ^2/NDF:3.4/9

Left: 2007.919+/-708.619 χ^2/NDF: 11.9/20

Right: 2942.410+/-755.528 χ^2/NDF: 29.1/35

In: 3400.421+/-731.748 χ^2/NDF:13.3/26

Out: 1494.264+/-730.148 χ^2/NDF:25.0/29

All: 2445.256+/-516.858 χ^2/NDF: 41.8/56

dit_asym_atr2_rms vs Slug, Sign Corrected

Right In: 2774.617+/-0.772 χ^2/NDF: 501680.3/16

Left Out: 2892.816+/-0.720 χ^2/NDF:84140.5/10

Right Out: 2692.509+/-0.740 χ^2/NDF: 780267.3/18

Left In: 2831.869+/-0.697 χ^2/NDF:49905.1/9

Left: 2861.350+/-0.501 χ^2/NDF: 137740.3/20

Right: 2731.837+/-0.534 χ^2/NDF: 1287844.4/35

In: 2806.137+/-0.517 χ^2/NDF:554614.9/26

Out: 2795.344+/-0.516 χ^2/NDF:902023.0/29

All: 2800.728+/-0.365 χ^2/NDF: 1456856.0/56

asym_atr2_correction_mean vs Slug, Sign Corrected

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

Left Out: 3751.830+/-3047.920 χ^2/NDF:12.9/10

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

Left In: 1842.546+/-3028.863 χ^2/NDF:5.8/9

Left: 2791.201+/-2148.436 χ^2/NDF: 18.9/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1842.546+/-3028.863 χ^2/NDF:5.8/9

Out: 3751.830+/-3047.920 χ^2/NDF:12.9/10

All: 2791.201+/-2148.436 χ^2/NDF: 18.9/20

asym_atr2_correction_rms vs Slug, Sign Corrected

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

Left Out: 8490.695+/-2.155 χ^2/NDF:466956.0/10

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

Left In: 8583.996+/-2.142 χ^2/NDF:401983.4/9

Left: 8537.638+/-1.519 χ^2/NDF: 869882.3/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 8583.996+/-2.142 χ^2/NDF:401983.4/9

Out: 8490.695+/-2.155 χ^2/NDF:466956.0/10

All: 8537.638+/-1.519 χ^2/NDF: 869882.3/20

asym_atr2_mean vs Slug, Sign Corrected

Right In: 6767.402+/-3387.139 χ^2/NDF: 15.3/16

Left Out: -3648.291+/-3146.118 χ^2/NDF:11.3/10

Right Out: 5041.440+/-3167.616 χ^2/NDF: 13.6/18

Left In: 1053.684+/-3125.945 χ^2/NDF:6.5/9

Left: -1282.181+/-2217.475 χ^2/NDF: 19.0/20

Right: 5846.682+/-2313.559 χ^2/NDF: 29.1/35

In: 3681.774+/-2297.173 χ^2/NDF:23.4/26

Out: 666.986+/-2232.203 χ^2/NDF:28.7/29

All: 2131.144+/-1600.882 χ^2/NDF: 53.0/56

asym_atr2_rms vs Slug, Sign Corrected

Right In: 8513.665+/-2.395 χ^2/NDF: 762614.5/16

Left Out: 8827.604+/-2.225 χ^2/NDF:396929.6/10

Right Out: 8044.739+/-2.240 χ^2/NDF: 952310.5/18

Left In: 8869.731+/-2.210 χ^2/NDF:369640.2/9

Left: 8848.803+/-1.568 χ^2/NDF: 766750.2/20

Right: 8263.507+/-1.636 χ^2/NDF: 1735374.5/35

In: 8705.955+/-1.624 χ^2/NDF:1144190.4/26

Out: 8438.823+/-1.578 χ^2/NDF:1410739.7/29

All: 8568.556+/-1.132 χ^2/NDF: 2568840.9/56

dit_asym_sam1_mean vs Slug, Sign Corrected

Right In: 26.932+/-34.029 χ^2/NDF: 12.6/16

Left Out: -104.004+/-28.612 χ^2/NDF:10.7/10

Right Out: 17.368+/-35.548 χ^2/NDF: 21.9/18

Left In: -151.209+/-29.280 χ^2/NDF:9.4/9

Left: -127.062+/-20.464 χ^2/NDF: 21.4/20

Right: 22.359+/-24.581 χ^2/NDF: 34.5/35

In: -75.425+/-22.195 χ^2/NDF:37.7/26

Out: -56.286+/-22.289 χ^2/NDF:39.7/29

All: -65.896+/-15.727 χ^2/NDF: 77.7/56

dit_asym_sam1_rms vs Slug, Sign Corrected

Right In: 84.737+/-0.024 χ^2/NDF: 1064420.0/16

Left Out: 81.312+/-0.020 χ^2/NDF:51924.7/10

Right Out: 89.143+/-0.025 χ^2/NDF: 1559269.8/18

Left In: 83.955+/-0.021 χ^2/NDF:57493.3/9

Left: 82.603+/-0.014 χ^2/NDF: 117753.6/20

Right: 86.844+/-0.017 χ^2/NDF: 2639723.0/35

In: 84.288+/-0.016 χ^2/NDF:1122520.7/26

Out: 84.391+/-0.016 χ^2/NDF:1670100.3/29

All: 84.339+/-0.011 χ^2/NDF: 2792642.6/56

asym_sam1_correction_mean vs Slug, Sign Corrected

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

Left Out: 71.675+/-124.190 χ^2/NDF:15.4/10

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

Left In: -119.244+/-118.849 χ^2/NDF:18.8/9

Left: -27.979+/-85.865 χ^2/NDF: 35.4/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -119.244+/-118.849 χ^2/NDF:18.8/9

Out: 71.675+/-124.190 χ^2/NDF:15.4/10

All: -27.979+/-85.865 χ^2/NDF: 35.4/20

asym_sam1_correction_rms vs Slug, Sign Corrected

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

Left Out: 347.166+/-0.088 χ^2/NDF:369944.1/10

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

Left In: 334.133+/-0.084 χ^2/NDF:590875.4/9

Left: 340.363+/-0.061 χ^2/NDF: 972317.3/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 334.133+/-0.084 χ^2/NDF:590875.4/9

Out: 347.166+/-0.088 χ^2/NDF:369944.1/10

All: 340.363+/-0.061 χ^2/NDF: 972317.3/20

asym_sam1_mean vs Slug, Sign Corrected

Right In: 143.486+/-179.237 χ^2/NDF: 12.8/16

Left Out: -157.515+/-124.642 χ^2/NDF:11.2/10

Right Out: 237.821+/-183.995 χ^2/NDF: 21.7/18

Left In: -16.175+/-120.150 χ^2/NDF:20.0/9

Left: -84.252+/-86.503 χ^2/NDF: 31.8/20

Right: 189.418+/-128.389 χ^2/NDF: 34.6/35

In: 33.326+/-99.801 χ^2/NDF:33.3/26

Out: -33.162+/-103.193 χ^2/NDF:36.0/29

All: 1.193+/-71.739 χ^2/NDF: 69.5/56

asym_sam1_rms vs Slug, Sign Corrected

Right In: 428.856+/-0.127 χ^2/NDF: 2012329.6/16

Left Out: 350.684+/-0.088 χ^2/NDF:338968.6/10

Right Out: 452.517+/-0.130 χ^2/NDF: 2039238.5/18

Left In: 338.243+/-0.085 χ^2/NDF:545028.6/9

Left: 344.235+/-0.061 χ^2/NDF: 894325.9/20

Right: 440.377+/-0.091 χ^2/NDF: 4068538.6/35

In: 366.336+/-0.071 χ^2/NDF:2910037.5/26

Out: 382.716+/-0.073 χ^2/NDF:2798132.2/29

All: 374.252+/-0.051 χ^2/NDF: 5734205.3/56

dit_asym_sam2_mean vs Slug, Sign Corrected

Right In: 381.893+/-141.192 χ^2/NDF: 9.4/16

Left Out: -75.622+/-111.520 χ^2/NDF:14.6/10

Right Out: 77.490+/-143.469 χ^2/NDF: 16.8/18

Left In: -222.988+/-111.209 χ^2/NDF:3.8/9

Left: -149.511+/-78.746 χ^2/NDF: 19.3/20

Right: 232.126+/-100.633 χ^2/NDF: 28.5/35

In: 8.597+/-87.364 χ^2/NDF:24.5/26

Out: -17.954+/-88.048 χ^2/NDF:32.1/29

All: -4.575+/-62.016 χ^2/NDF: 56.7/56

dit_asym_sam2_rms vs Slug, Sign Corrected

Right In: 357.664+/-0.100 χ^2/NDF: 629671.7/16

Left Out: 315.631+/-0.079 χ^2/NDF:159869.1/10

Right Out: 370.794+/-0.101 χ^2/NDF: 784786.3/18

Left In: 318.394+/-0.079 χ^2/NDF:69856.0/9

Left: 317.017+/-0.056 χ^2/NDF: 230340.5/20

Right: 364.124+/-0.071 χ^2/NDF: 1422966.9/35

In: 333.429+/-0.062 χ^2/NDF:795008.7/26

Out: 336.408+/-0.062 χ^2/NDF:1128962.5/29

All: 334.907+/-0.044 χ^2/NDF: 1925124.7/56

asym_sam2_correction_mean vs Slug, Sign Corrected

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

Left Out: -1607.591+/-794.000 χ^2/NDF:25.8/10

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

Left In: -547.248+/-786.519 χ^2/NDF:15.6/9

Left: -1072.400+/-558.779 χ^2/NDF: 42.3/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -547.248+/-786.519 χ^2/NDF:15.6/9

Out: -1607.591+/-794.000 χ^2/NDF:25.8/10

All: -1072.400+/-558.779 χ^2/NDF: 42.3/20

asym_sam2_correction_rms vs Slug, Sign Corrected

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

Left Out: 2225.576+/-0.561 χ^2/NDF:330359.7/10

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

Left In: 2243.456+/-0.556 χ^2/NDF:194991.2/9

Left: 2234.600+/-0.395 χ^2/NDF: 525862.9/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2243.456+/-0.556 χ^2/NDF:194991.2/9

Out: 2225.576+/-0.561 χ^2/NDF:330359.7/10

All: 2234.600+/-0.395 χ^2/NDF: 525862.9/20

asym_sam2_mean vs Slug, Sign Corrected

Right In: 2969.125+/-1440.489 χ^2/NDF: 17.4/16

Left Out: 1705.837+/-787.376 χ^2/NDF:21.0/10

Right Out: -358.685+/-1507.064 χ^2/NDF: 15.3/18

Left In: 345.191+/-779.866 χ^2/NDF:14.8/9

Left: 1018.994+/-554.085 χ^2/NDF: 37.2/20

Right: 1380.346+/-1041.320 χ^2/NDF: 35.3/35

In: 939.948+/-685.809 χ^2/NDF:34.7/26

Out: 1263.141+/-697.870 χ^2/NDF:37.8/29

All: 1098.728+/-489.149 χ^2/NDF: 72.6/56

asym_sam2_rms vs Slug, Sign Corrected

Right In: 3573.470+/-1.019 χ^2/NDF: 1088731.5/16

Left Out: 2218.163+/-0.557 χ^2/NDF:312514.9/10

Right Out: 3876.914+/-1.066 χ^2/NDF: 988409.8/18

Left In: 2222.804+/-0.551 χ^2/NDF:202803.7/9

Left: 2220.506+/-0.392 χ^2/NDF: 515353.6/20

Right: 3718.342+/-0.736 χ^2/NDF: 2119512.7/35

In: 2528.954+/-0.485 χ^2/NDF:2651328.3/26

Out: 2573.849+/-0.493 χ^2/NDF:3204252.8/29

All: 2551.010+/-0.346 χ^2/NDF: 5859791.7/56

dit_asym_sam3_mean vs Slug, Sign Corrected

Right In: 81.851+/-51.907 χ^2/NDF: 11.5/16

Left Out: 50.191+/-39.604 χ^2/NDF:18.8/10

Right Out: 59.008+/-53.165 χ^2/NDF: 16.4/18

Left In: 41.663+/-39.505 χ^2/NDF:14.2/9

Left: 45.916+/-27.969 χ^2/NDF: 33.1/20

Right: 70.703+/-37.141 χ^2/NDF: 28.1/35

In: 56.403+/-31.436 χ^2/NDF:26.1/26

Out: 53.338+/-31.760 χ^2/NDF:35.3/29

All: 54.886+/-22.343 χ^2/NDF: 61.4/56

dit_asym_sam3_rms vs Slug, Sign Corrected

Right In: 126.339+/-0.037 χ^2/NDF: 1310585.0/16

Left Out: 110.017+/-0.028 χ^2/NDF:373337.4/10

Right Out: 131.007+/-0.038 χ^2/NDF: 1429260.8/18

Left In: 110.069+/-0.028 χ^2/NDF:445071.2/9

Left: 110.043+/-0.020 χ^2/NDF: 818410.3/20

Right: 128.617+/-0.026 χ^2/NDF: 2747739.0/35

In: 116.037+/-0.022 χ^2/NDF:1880082.3/26

Out: 117.508+/-0.022 χ^2/NDF:2003082.3/29

All: 116.765+/-0.016 χ^2/NDF: 3885333.0/56

asym_sam3_correction_mean vs Slug, Sign Corrected

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

Left Out: -1393.888+/-332.826 χ^2/NDF:32.5/10

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

Left In: 189.427+/-316.961 χ^2/NDF:6.9/9

Left: -563.596+/-229.529 χ^2/NDF: 51.2/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 189.427+/-316.961 χ^2/NDF:6.9/9

Out: -1393.888+/-332.826 χ^2/NDF:32.5/10

All: -563.596+/-229.529 χ^2/NDF: 51.2/20

asym_sam3_correction_rms vs Slug, Sign Corrected

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

Left Out: 904.698+/-0.235 χ^2/NDF:1246950.2/10

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

Left In: 873.583+/-0.224 χ^2/NDF:1202373.4/9

Left: 888.381+/-0.162 χ^2/NDF: 2458489.6/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 873.583+/-0.224 χ^2/NDF:1202373.4/9

Out: 904.698+/-0.235 χ^2/NDF:1246950.2/10

All: 888.381+/-0.162 χ^2/NDF: 2458489.6/20

asym_sam3_mean vs Slug, Sign Corrected

Right In: 666.453+/-618.839 χ^2/NDF: 25.6/16

Left Out: 1563.082+/-340.306 χ^2/NDF:29.5/10

Right Out: -1094.278+/-602.639 χ^2/NDF: 11.0/18

Left In: -175.058+/-320.998 χ^2/NDF:6.5/9

Left: 643.305+/-233.507 χ^2/NDF: 49.8/20

Right: -237.260+/-431.744 χ^2/NDF: 40.8/35

In: 3.354+/-284.945 χ^2/NDF:33.6/26

Out: 920.586+/-296.325 χ^2/NDF:55.2/29

All: 444.020+/-205.392 χ^2/NDF: 93.8/56

asym_sam3_rms vs Slug, Sign Corrected

Right In: 1565.623+/-0.438 χ^2/NDF: 490790.2/16

Left Out: 934.493+/-0.241 χ^2/NDF:1049935.9/10

Right Out: 1573.366+/-0.426 χ^2/NDF: 462040.3/18

Left In: 885.510+/-0.227 χ^2/NDF:1088062.1/9

Left: 908.572+/-0.165 χ^2/NDF: 2159925.0/20

Right: 1569.597+/-0.305 χ^2/NDF: 952991.2/35

In: 1029.704+/-0.201 χ^2/NDF:3482359.9/26

Out: 1088.960+/-0.210 χ^2/NDF:3216248.8/29

All: 1058.172+/-0.145 χ^2/NDF: 6740161.6/56

dit_asym_sam4_mean vs Slug, Sign Corrected

Right In: 64.087+/-105.336 χ^2/NDF: 16.8/16

Left Out: 249.450+/-105.717 χ^2/NDF:8.9/10

Right Out: 265.661+/-99.379 χ^2/NDF: 14.7/18

Left In: 255.167+/-103.546 χ^2/NDF:6.4/9

Left: 252.368+/-73.974 χ^2/NDF: 15.3/20

Right: 170.735+/-72.286 χ^2/NDF: 33.4/35

In: 161.265+/-73.843 χ^2/NDF:24.8/26

Out: 258.056+/-72.409 χ^2/NDF:23.5/29

All: 210.610+/-51.700 χ^2/NDF: 49.3/56

dit_asym_sam4_rms vs Slug, Sign Corrected

Right In: 266.624+/-0.074 χ^2/NDF: 550752.5/16

Left Out: 295.927+/-0.075 χ^2/NDF:349294.9/10

Right Out: 256.268+/-0.070 χ^2/NDF: 696896.2/18

Left In: 295.653+/-0.073 χ^2/NDF:42960.4/9

Left: 295.787+/-0.052 χ^2/NDF: 392262.2/20

Right: 261.145+/-0.051 χ^2/NDF: 1257876.6/35

In: 281.387+/-0.052 χ^2/NDF:670958.5/26

Out: 274.873+/-0.051 χ^2/NDF:1195613.3/29

All: 278.067+/-0.037 χ^2/NDF: 1874506.1/56

asym_sam4_correction_mean vs Slug, Sign Corrected

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

Left Out: -3638.157+/-761.125 χ^2/NDF:18.6/10

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

Left In: 1422.315+/-747.431 χ^2/NDF:4.9/9

Left: -1061.987+/-533.289 χ^2/NDF: 46.0/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1422.315+/-747.431 χ^2/NDF:4.9/9

Out: -3638.157+/-761.125 χ^2/NDF:18.6/10

All: -1061.987+/-533.289 χ^2/NDF: 46.0/20

asym_sam4_correction_rms vs Slug, Sign Corrected

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

Left Out: 2123.753+/-0.538 χ^2/NDF:481939.4/10

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

Left In: 2121.470+/-0.529 χ^2/NDF:323024.4/9

Left: 2122.591+/-0.377 χ^2/NDF: 804973.0/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2121.470+/-0.529 χ^2/NDF:323024.4/9

Out: 2123.753+/-0.538 χ^2/NDF:481939.4/10

All: 2122.591+/-0.377 χ^2/NDF: 804973.0/20

asym_sam4_mean vs Slug, Sign Corrected

Right In: 366.454+/-992.480 χ^2/NDF: 24.2/16

Left Out: 3936.724+/-756.120 χ^2/NDF:19.0/10

Right Out: -1557.388+/-924.003 χ^2/NDF: 10.5/18

Left In: -1133.106+/-744.240 χ^2/NDF:5.4/9

Left: 1361.667+/-530.408 χ^2/NDF: 47.2/20

Right: -664.120+/-676.282 χ^2/NDF: 36.7/35

In: -593.376+/-595.427 χ^2/NDF:31.1/26

Out: 1733.227+/-585.168 χ^2/NDF:50.7/29

All: 590.140+/-417.356 χ^2/NDF: 89.5/56

asym_sam4_rms vs Slug, Sign Corrected

Right In: 2474.389+/-0.702 χ^2/NDF: 906262.1/16

Left Out: 2120.393+/-0.535 χ^2/NDF:466951.8/10

Right Out: 2364.507+/-0.653 χ^2/NDF: 1023402.8/18

Left In: 2110.340+/-0.526 χ^2/NDF:322350.7/9

Left: 2115.287+/-0.375 χ^2/NDF: 789482.1/20

Right: 2415.527+/-0.478 χ^2/NDF: 1942797.3/35

In: 2241.370+/-0.421 χ^2/NDF:1400853.8/26

Out: 2218.299+/-0.414 χ^2/NDF:1573963.1/29

All: 2229.634+/-0.295 χ^2/NDF: 2976344.4/56

dit_asym_sam5_mean vs Slug, Sign Corrected

Right In: 15.303+/-46.443 χ^2/NDF: 12.6/16

Left Out: 142.987+/-55.962 χ^2/NDF:12.3/10

Right Out: 91.634+/-43.318 χ^2/NDF: 15.7/18

Left In: 180.054+/-56.037 χ^2/NDF:5.8/9

Left: 161.495+/-39.598 χ^2/NDF: 18.4/20

Right: 56.123+/-31.678 χ^2/NDF: 29.7/35

In: 82.389+/-35.758 χ^2/NDF:23.5/26

Out: 110.875+/-34.255 χ^2/NDF:28.5/29

All: 97.243+/-24.736 χ^2/NDF: 52.4/56

dit_asym_sam5_rms vs Slug, Sign Corrected

Right In: 113.932+/-0.033 χ^2/NDF: 1407849.3/16

Left Out: 158.498+/-0.040 χ^2/NDF:135642.3/10

Right Out: 109.709+/-0.031 χ^2/NDF: 1242014.6/18

Left In: 160.295+/-0.040 χ^2/NDF:139256.2/9

Left: 159.395+/-0.028 χ^2/NDF: 275928.2/20

Right: 111.674+/-0.022 χ^2/NDF: 2658703.6/35

In: 132.811+/-0.025 χ^2/NDF:2358693.5/26

Out: 127.989+/-0.024 χ^2/NDF:2328217.3/29

All: 130.297+/-0.017 χ^2/NDF: 4705871.6/56

asym_sam5_correction_mean vs Slug, Sign Corrected

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

Left Out: -686.840+/-355.321 χ^2/NDF:9.3/10

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

Left In: 602.346+/-343.199 χ^2/NDF:17.3/9

Left: -19.882+/-246.853 χ^2/NDF: 33.4/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 602.346+/-343.199 χ^2/NDF:17.3/9

Out: -686.840+/-355.321 χ^2/NDF:9.3/10

All: -19.882+/-246.853 χ^2/NDF: 33.4/20

asym_sam5_correction_rms vs Slug, Sign Corrected

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

Left Out: 999.807+/-0.251 χ^2/NDF:182867.0/10

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

Left In: 976.320+/-0.243 χ^2/NDF:198188.8/9

Left: 987.656+/-0.175 χ^2/NDF: 385576.7/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 976.320+/-0.243 χ^2/NDF:198188.8/9

Out: 999.807+/-0.251 χ^2/NDF:182867.0/10

All: 987.656+/-0.175 χ^2/NDF: 385576.7/20

asym_sam5_mean vs Slug, Sign Corrected

Right In: -157.178+/-312.499 χ^2/NDF: 16.2/16

Left Out: 785.561+/-346.466 χ^2/NDF:7.6/10

Right Out: -488.583+/-282.758 χ^2/NDF: 22.6/18

Left In: -421.413+/-336.479 χ^2/NDF:19.4/9

Left: 164.429+/-241.380 χ^2/NDF: 33.3/20

Right: -339.397+/-209.669 χ^2/NDF: 39.5/35

In: -279.545+/-228.979 χ^2/NDF:36.0/26

Out: 20.795+/-219.064 χ^2/NDF:38.3/29

All: -122.732+/-158.291 χ^2/NDF: 75.2/56

asym_sam5_rms vs Slug, Sign Corrected

Right In: 756.985+/-0.221 χ^2/NDF: 1711285.9/16

Left Out: 979.597+/-0.245 χ^2/NDF:182085.2/10

Right Out: 702.656+/-0.200 χ^2/NDF: 1689579.7/18

Left In: 956.662+/-0.238 χ^2/NDF:205136.1/9

Left: 967.794+/-0.171 χ^2/NDF: 391731.6/20

Right: 727.113+/-0.148 χ^2/NDF: 3434103.1/35

In: 849.455+/-0.162 χ^2/NDF:2294569.2/26

Out: 813.372+/-0.155 χ^2/NDF:2638663.3/29

All: 830.615+/-0.112 χ^2/NDF: 4959164.2/56

dit_asym_sam6_mean vs Slug, Sign Corrected

Right In: -32.694+/-48.431 χ^2/NDF: 19.7/16

Left Out: 290.866+/-56.021 χ^2/NDF:9.1/10

Right Out: -9.277+/-45.600 χ^2/NDF: 14.7/18

Left In: 337.197+/-58.138 χ^2/NDF:9.5/9

Left: 313.172+/-40.341 χ^2/NDF: 19.0/20

Right: -20.281+/-33.200 χ^2/NDF: 34.6/35

In: 118.836+/-37.211 χ^2/NDF:53.2/26

Out: 110.336+/-35.365 χ^2/NDF:41.1/29

All: 114.370+/-25.635 χ^2/NDF: 94.3/56

dit_asym_sam6_rms vs Slug, Sign Corrected

Right In: 120.207+/-0.034 χ^2/NDF: 1062326.6/16

Left Out: 158.939+/-0.040 χ^2/NDF:59359.0/10

Right Out: 116.618+/-0.032 χ^2/NDF: 997956.6/18

Left In: 166.179+/-0.041 χ^2/NDF:116879.5/9

Left: 162.424+/-0.029 χ^2/NDF: 192320.5/20

Right: 118.304+/-0.023 χ^2/NDF: 2066104.2/35

In: 139.040+/-0.026 χ^2/NDF:1917431.4/26

Out: 133.484+/-0.025 χ^2/NDF:1743850.9/29

All: 136.120+/-0.018 χ^2/NDF: 3684708.8/56

asym_sam6_correction_mean vs Slug, Sign Corrected

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

Left Out: 338.689+/-367.794 χ^2/NDF:21.7/10

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

Left In: 293.718+/-363.889 χ^2/NDF:18.1/9

Left: 315.964+/-258.678 χ^2/NDF: 39.8/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 293.718+/-363.889 χ^2/NDF:18.1/9

Out: 338.689+/-367.794 χ^2/NDF:21.7/10

All: 315.964+/-258.678 χ^2/NDF: 39.8/20

asym_sam6_correction_rms vs Slug, Sign Corrected

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

Left Out: 1035.829+/-0.260 χ^2/NDF:200511.7/10

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

Left In: 1033.734+/-0.257 χ^2/NDF:339683.8/9

Left: 1034.770+/-0.183 χ^2/NDF: 540228.3/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1033.734+/-0.257 χ^2/NDF:339683.8/9

Out: 1035.829+/-0.260 χ^2/NDF:200511.7/10

All: 1034.770+/-0.183 χ^2/NDF: 540228.3/20

asym_sam6_mean vs Slug, Sign Corrected

Right In: -301.000+/-250.042 χ^2/NDF: 16.8/16

Left Out: -135.178+/-359.378 χ^2/NDF:17.8/10

Right Out: -100.857+/-245.981 χ^2/NDF: 22.5/18

Left In: 70.185+/-358.959 χ^2/NDF:18.2/9

Left: -32.377+/-253.970 χ^2/NDF: 36.1/20

Right: -199.290+/-175.353 χ^2/NDF: 39.7/35

In: -179.734+/-205.172 χ^2/NDF:35.8/26

Out: -111.806+/-202.986 χ^2/NDF:40.3/29

All: -145.407+/-144.299 χ^2/NDF: 76.1/56

asym_sam6_rms vs Slug, Sign Corrected

Right In: 564.003+/-0.177 χ^2/NDF: 3261491.3/16

Left Out: 1017.121+/-0.254 χ^2/NDF:204778.5/10

Right Out: 585.070+/-0.174 χ^2/NDF: 2820837.8/18

Left In: 1020.010+/-0.254 χ^2/NDF:302623.7/9

Left: 1018.568+/-0.180 χ^2/NDF: 507466.9/20

Right: 574.709+/-0.124 χ^2/NDF: 6089543.5/35

In: 712.980+/-0.145 χ^2/NDF:5737283.6/26

Out: 722.906+/-0.144 χ^2/NDF:4994081.8/29

All: 717.996+/-0.102 χ^2/NDF: 10733730.9/56

dit_asym_sam7_mean vs Slug, Sign Corrected

Right In: -64.797+/-34.629 χ^2/NDF: 6.2/16

Left Out: 99.977+/-30.601 χ^2/NDF:17.1/10

Right Out: -15.294+/-33.422 χ^2/NDF: 35.0/18

Left In: 133.716+/-29.683 χ^2/NDF:19.3/9

Left: 117.360+/-21.306 χ^2/NDF: 37.1/20

Right: -39.167+/-24.048 χ^2/NDF: 42.2/35

In: 49.639+/-22.537 χ^2/NDF:44.4/26

Out: 47.410+/-22.570 χ^2/NDF:58.6/29

All: 48.526+/-15.947 χ^2/NDF: 103.0/56

dit_asym_sam7_rms vs Slug, Sign Corrected

Right In: 88.186+/-0.024 χ^2/NDF: 394447.7/16

Left Out: 86.496+/-0.022 χ^2/NDF:132242.8/10

Right Out: 86.943+/-0.024 χ^2/NDF: 531359.9/18

Left In: 84.952+/-0.021 χ^2/NDF:90260.6/9

Left: 85.700+/-0.015 χ^2/NDF: 225128.1/20

Right: 87.542+/-0.017 χ^2/NDF: 927142.1/35

In: 86.322+/-0.016 χ^2/NDF:494765.9/26

Out: 86.700+/-0.016 χ^2/NDF:663797.1/29

All: 86.510+/-0.011 χ^2/NDF: 1158844.3/56

asym_sam7_correction_mean vs Slug, Sign Corrected

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

Left Out: -447.744+/-124.791 χ^2/NDF:31.4/10

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

Left In: 11.108+/-124.103 χ^2/NDF:10.1/9

Left: -217.050+/-87.996 χ^2/NDF: 48.3/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 11.108+/-124.103 χ^2/NDF:10.1/9

Out: -447.744+/-124.791 χ^2/NDF:31.4/10

All: -217.050+/-87.996 χ^2/NDF: 48.3/20

asym_sam7_correction_rms vs Slug, Sign Corrected

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

Left Out: 344.968+/-0.088 χ^2/NDF:734085.3/10

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

Left In: 350.190+/-0.088 χ^2/NDF:537665.4/9

Left: 347.593+/-0.062 χ^2/NDF: 1273511.4/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 350.190+/-0.088 χ^2/NDF:537665.4/9

Out: 344.968+/-0.088 χ^2/NDF:734085.3/10

All: 347.593+/-0.062 χ^2/NDF: 1273511.4/20

asym_sam7_mean vs Slug, Sign Corrected

Right In: 85.810+/-142.601 χ^2/NDF: 20.6/16

Left Out: 610.515+/-124.382 χ^2/NDF:26.1/10

Right Out: -284.456+/-129.599 χ^2/NDF: 10.6/18

Left In: 120.686+/-124.947 χ^2/NDF:10.6/9

Left: 366.712+/-88.150 χ^2/NDF: 44.4/20

Right: -116.969+/-95.908 χ^2/NDF: 34.9/35

In: 105.539+/-93.976 χ^2/NDF:31.2/26

Out: 181.406+/-89.739 χ^2/NDF:61.5/29

All: 145.222+/-64.901 χ^2/NDF: 93.0/56

asym_sam7_rms vs Slug, Sign Corrected

Right In: 339.553+/-0.101 χ^2/NDF: 2042244.1/16

Left Out: 346.009+/-0.088 χ^2/NDF:674835.2/10

Right Out: 309.105+/-0.092 χ^2/NDF: 2730308.7/18

Left In: 353.189+/-0.088 χ^2/NDF:464438.8/9

Left: 349.583+/-0.062 χ^2/NDF: 1142591.5/20

Right: 322.878+/-0.068 χ^2/NDF: 4822487.1/35

In: 347.267+/-0.066 χ^2/NDF:2517029.5/26

Out: 328.315+/-0.063 χ^2/NDF:3489559.0/29

All: 337.354+/-0.046 χ^2/NDF: 6049133.9/56

dit_asym_sam8_mean vs Slug, Sign Corrected

Right In: -196.599+/-30.399 χ^2/NDF: 19.0/16

Left Out: -206.782+/-25.821 χ^2/NDF:12.2/10

Right Out: -112.097+/-29.622 χ^2/NDF: 39.3/18

Left In: -176.019+/-25.007 χ^2/NDF:12.8/9

Left: -190.908+/-17.963 χ^2/NDF: 25.7/20

Right: -153.254+/-21.215 χ^2/NDF: 62.3/35

In: -184.325+/-19.312 χ^2/NDF:32.1/26

Out: -165.901+/-19.464 χ^2/NDF:57.3/29

All: -175.185+/-13.709 χ^2/NDF: 89.9/56

dit_asym_sam8_rms vs Slug, Sign Corrected

Right In: 76.692+/-0.021 χ^2/NDF: 600348.1/16

Left Out: 72.632+/-0.018 χ^2/NDF:202843.9/10

Right Out: 76.479+/-0.021 χ^2/NDF: 699361.8/18

Left In: 71.504+/-0.018 χ^2/NDF:84534.0/9

Left: 72.050+/-0.013 χ^2/NDF: 289347.2/20

Right: 76.583+/-0.015 χ^2/NDF: 1299760.4/35

In: 73.598+/-0.014 χ^2/NDF:719622.9/26

Out: 74.293+/-0.014 χ^2/NDF:921371.7/29

All: 73.943+/-0.010 χ^2/NDF: 1642279.5/56

asym_sam8_correction_mean vs Slug, Sign Corrected

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

Left Out: -360.158+/-98.778 χ^2/NDF:27.2/10

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

Left In: 51.105+/-101.179 χ^2/NDF:10.2/9

Left: -159.465+/-70.680 χ^2/NDF: 45.8/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 51.105+/-101.179 χ^2/NDF:10.2/9

Out: -360.158+/-98.778 χ^2/NDF:27.2/10

All: -159.465+/-70.680 χ^2/NDF: 45.8/20

asym_sam8_correction_rms vs Slug, Sign Corrected

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

Left Out: 274.673+/-0.070 χ^2/NDF:579166.4/10

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

Left In: 286.979+/-0.072 χ^2/NDF:382726.3/9

Left: 280.678+/-0.050 χ^2/NDF: 977040.6/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 286.979+/-0.072 χ^2/NDF:382726.3/9

Out: 274.673+/-0.070 χ^2/NDF:579166.4/10

All: 280.678+/-0.050 χ^2/NDF: 977040.6/20

asym_sam8_mean vs Slug, Sign Corrected

Right In: -54.933+/-90.355 χ^2/NDF: 16.5/16

Left Out: 181.600+/-97.821 χ^2/NDF:25.4/10

Right Out: -164.141+/-76.903 χ^2/NDF: 11.9/18

Left In: -241.204+/-101.397 χ^2/NDF:12.3/9

Left: -22.215+/-70.400 χ^2/NDF: 46.7/20

Right: -118.264+/-58.563 χ^2/NDF: 29.3/35

In: -137.378+/-67.458 χ^2/NDF:30.7/26

Out: -32.078+/-60.457 χ^2/NDF:45.0/29

All: -78.982+/-45.022 χ^2/NDF: 77.1/56

asym_sam8_rms vs Slug, Sign Corrected

Right In: 200.971+/-0.064 χ^2/NDF: 3436154.0/16

Left Out: 273.556+/-0.069 χ^2/NDF:551842.6/10

Right Out: 171.794+/-0.054 χ^2/NDF: 4092634.7/18

Left In: 287.772+/-0.072 χ^2/NDF:353538.7/9

Left: 280.409+/-0.050 χ^2/NDF: 925741.9/20

Right: 184.051+/-0.041 χ^2/NDF: 7649725.9/35

In: 239.390+/-0.048 χ^2/NDF:4606638.5/26

Out: 210.664+/-0.043 χ^2/NDF:5982150.6/29

All: 223.459+/-0.032 χ^2/NDF: 10789903.5/56

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected

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

Left Out: 15.145+/-23.155 χ^2/NDF:9.8/10

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

Left In: 18.246+/-22.918 χ^2/NDF:5.7/9

Left: 16.712+/-16.289 χ^2/NDF: 15.5/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 18.246+/-22.918 χ^2/NDF:5.7/9

Out: 15.145+/-23.155 χ^2/NDF:9.8/10

All: 16.712+/-16.289 χ^2/NDF: 15.5/20

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected

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

Left Out: 65.600+/-0.016 χ^2/NDF:104823.3/10

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

Left In: 65.703+/-0.016 χ^2/NDF:35319.6/9

Left: 65.652+/-0.012 χ^2/NDF: 140162.7/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 65.703+/-0.016 χ^2/NDF:35319.6/9

Out: 65.600+/-0.016 χ^2/NDF:104823.3/10

All: 65.652+/-0.012 χ^2/NDF: 140162.7/20

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected

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

Left Out: -315.618+/-119.565 χ^2/NDF:7.1/10

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

Left In: 231.524+/-116.802 χ^2/NDF:15.2/9

Left: -35.651+/-83.551 χ^2/NDF: 33.0/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 231.524+/-116.802 χ^2/NDF:15.2/9

Out: -315.618+/-119.565 χ^2/NDF:7.1/10

All: -35.651+/-83.551 χ^2/NDF: 33.0/20

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected

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

Left Out: 336.615+/-0.085 χ^2/NDF:174160.1/10

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

Left In: 333.548+/-0.083 χ^2/NDF:81829.6/9

Left: 335.045+/-0.059 χ^2/NDF: 256662.8/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 333.548+/-0.083 χ^2/NDF:81829.6/9

Out: 336.615+/-0.085 χ^2/NDF:174160.1/10

All: 335.045+/-0.059 χ^2/NDF: 256662.8/20

asym_sam_15_avg_mean vs Slug, Sign Corrected

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

Left Out: 315.350+/-116.610 χ^2/NDF:6.2/10

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

Left In: -209.271+/-114.663 χ^2/NDF:16.7/9

Left: 48.624+/-81.759 χ^2/NDF: 33.2/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -209.271+/-114.663 χ^2/NDF:16.7/9

Out: 315.350+/-116.610 χ^2/NDF:6.2/10

All: 48.624+/-81.759 χ^2/NDF: 33.2/20

asym_sam_15_avg_rms vs Slug, Sign Corrected

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

Left Out: 329.774+/-0.082 χ^2/NDF:169794.5/10

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

Left In: 327.243+/-0.081 χ^2/NDF:88293.0/9

Left: 328.487+/-0.058 χ^2/NDF: 258566.5/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 327.243+/-0.081 χ^2/NDF:88293.0/9

Out: 329.774+/-0.082 χ^2/NDF:169794.5/10

All: 328.487+/-0.058 χ^2/NDF: 258566.5/20

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected

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

Left Out: 117.435+/-44.500 χ^2/NDF:13.7/10

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

Left In: 71.629+/-43.788 χ^2/NDF:4.5/9

Left: 94.162+/-31.212 χ^2/NDF: 18.8/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 71.629+/-43.788 χ^2/NDF:4.5/9

Out: 117.435+/-44.500 χ^2/NDF:13.7/10

All: 94.162+/-31.212 χ^2/NDF: 18.8/20

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected

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

Left Out: 125.229+/-0.031 χ^2/NDF:233652.2/10

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

Left In: 124.444+/-0.031 χ^2/NDF:128427.8/9

Left: 124.830+/-0.022 χ^2/NDF: 362395.8/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 124.444+/-0.031 χ^2/NDF:128427.8/9

Out: 125.229+/-0.031 χ^2/NDF:233652.2/10

All: 124.830+/-0.022 χ^2/NDF: 362395.8/20

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected

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

Left Out: -538.960+/-206.384 χ^2/NDF:29.2/10

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

Left In: -117.726+/-201.642 χ^2/NDF:12.5/9

Left: -323.447+/-144.230 χ^2/NDF: 43.8/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -117.726+/-201.642 χ^2/NDF:12.5/9

Out: -538.960+/-206.384 χ^2/NDF:29.2/10

All: -323.447+/-144.230 χ^2/NDF: 43.8/20

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected

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

Left Out: 554.225+/-0.146 χ^2/NDF:1598230.7/10

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

Left In: 556.185+/-0.143 χ^2/NDF:1155111.5/9

Left: 555.228+/-0.102 χ^2/NDF: 2753434.6/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 556.185+/-0.143 χ^2/NDF:1155111.5/9

Out: 554.225+/-0.146 χ^2/NDF:1598230.7/10

All: 555.228+/-0.102 χ^2/NDF: 2753434.6/20

asym_sam_26_avg_mean vs Slug, Sign Corrected

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

Left Out: 704.494+/-211.426 χ^2/NDF:23.7/10

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

Left In: 165.756+/-200.989 χ^2/NDF:11.0/9

Left: 421.500+/-145.671 χ^2/NDF: 38.1/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 165.756+/-200.989 χ^2/NDF:11.0/9

Out: 704.494+/-211.426 χ^2/NDF:23.7/10

All: 421.500+/-145.671 χ^2/NDF: 38.1/20

asym_sam_26_avg_rms vs Slug, Sign Corrected

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

Left Out: 573.806+/-0.150 χ^2/NDF:1380929.0/10

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

Left In: 551.447+/-0.142 χ^2/NDF:1202338.6/9

Left: 562.061+/-0.103 χ^2/NDF: 2595017.8/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 551.447+/-0.142 χ^2/NDF:1202338.6/9

Out: 573.806+/-0.150 χ^2/NDF:1380929.0/10

All: 562.061+/-0.103 χ^2/NDF: 2595017.8/20

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected

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

Left Out: 80.363+/-29.779 χ^2/NDF:20.5/10

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

Left In: 85.486+/-28.910 χ^2/NDF:18.8/9

Left: 83.000+/-20.743 χ^2/NDF: 39.2/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 85.486+/-28.910 χ^2/NDF:18.8/9

Out: 80.363+/-29.779 χ^2/NDF:20.5/10

All: 83.000+/-20.743 χ^2/NDF: 39.2/20

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected

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

Left Out: 83.199+/-0.021 χ^2/NDF:311613.5/10

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

Left In: 81.307+/-0.020 χ^2/NDF:393658.3/9

Left: 82.225+/-0.015 χ^2/NDF: 709426.3/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 81.307+/-0.020 χ^2/NDF:393658.3/9

Out: 83.199+/-0.021 χ^2/NDF:311613.5/10

All: 82.225+/-0.015 χ^2/NDF: 709426.3/20

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected

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

Left Out: -919.698+/-227.157 χ^2/NDF:32.6/10

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

Left In: 99.376+/-218.794 χ^2/NDF:7.7/9

Left: -391.055+/-157.584 χ^2/NDF: 50.7/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 99.376+/-218.794 χ^2/NDF:7.7/9

Out: -919.698+/-227.157 χ^2/NDF:32.6/10

All: -391.055+/-157.584 χ^2/NDF: 50.7/20

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected

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

Left Out: 620.880+/-0.161 χ^2/NDF:1078187.9/10

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

Left In: 607.845+/-0.155 χ^2/NDF:979447.8/9

Left: 614.118+/-0.111 χ^2/NDF: 2061052.1/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 607.845+/-0.155 χ^2/NDF:979447.8/9

Out: 620.880+/-0.161 χ^2/NDF:1078187.9/10

All: 614.118+/-0.111 χ^2/NDF: 2061052.1/20

asym_sam_37_avg_mean vs Slug, Sign Corrected

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

Left Out: 1095.595+/-230.749 χ^2/NDF:28.7/10

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

Left In: -17.539+/-221.395 χ^2/NDF:7.5/9

Left: 516.010+/-159.755 χ^2/NDF: 48.3/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -17.539+/-221.395 χ^2/NDF:7.5/9

Out: 1095.595+/-230.749 χ^2/NDF:28.7/10

All: 516.010+/-159.755 χ^2/NDF: 48.3/20

asym_sam_37_avg_rms vs Slug, Sign Corrected

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

Left Out: 636.572+/-0.163 χ^2/NDF:911068.5/10

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

Left In: 615.978+/-0.157 χ^2/NDF:866459.4/9

Left: 625.849+/-0.113 χ^2/NDF: 1785822.3/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 615.978+/-0.157 χ^2/NDF:866459.4/9

Out: 636.572+/-0.163 χ^2/NDF:911068.5/10

All: 625.849+/-0.113 χ^2/NDF: 1785822.3/20

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected

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

Left Out: 25.155+/-60.397 χ^2/NDF:9.3/10

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

Left In: 45.486+/-58.606 χ^2/NDF:6.6/9

Left: 35.627+/-42.060 χ^2/NDF: 16.0/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 45.486+/-58.606 χ^2/NDF:6.6/9

Out: 25.155+/-60.397 χ^2/NDF:9.3/10

All: 35.627+/-42.060 χ^2/NDF: 16.0/20

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected

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

Left Out: 169.137+/-0.043 χ^2/NDF:303061.5/10

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

Left In: 167.492+/-0.041 χ^2/NDF:29312.1/9

Left: 168.289+/-0.030 χ^2/NDF: 333137.7/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 167.492+/-0.041 χ^2/NDF:29312.1/9

Out: 169.137+/-0.043 χ^2/NDF:303061.5/10

All: 168.289+/-0.030 χ^2/NDF: 333137.7/20

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected

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

Left Out: -2011.693+/-412.992 χ^2/NDF:20.7/10

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

Left In: 739.258+/-406.726 χ^2/NDF:4.7/9

Left: -615.188+/-289.789 χ^2/NDF: 47.9/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 739.258+/-406.726 χ^2/NDF:4.7/9

Out: -2011.693+/-412.992 χ^2/NDF:20.7/10

All: -615.188+/-289.789 χ^2/NDF: 47.9/20

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected

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

Left Out: 1151.831+/-0.292 χ^2/NDF:499015.1/10

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

Left In: 1153.251+/-0.288 χ^2/NDF:372769.0/9

Left: 1152.552+/-0.205 χ^2/NDF: 871796.1/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1153.251+/-0.288 χ^2/NDF:372769.0/9

Out: 1151.831+/-0.292 χ^2/NDF:499015.1/10

All: 1152.552+/-0.205 χ^2/NDF: 871796.1/20

asym_sam_48_avg_mean vs Slug, Sign Corrected

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

Left Out: 2075.784+/-410.359 χ^2/NDF:20.9/10

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

Left In: -683.052+/-405.674 χ^2/NDF:5.1/9

Left: 680.531+/-288.497 χ^2/NDF: 48.8/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -683.052+/-405.674 χ^2/NDF:5.1/9

Out: 2075.784+/-410.359 χ^2/NDF:20.9/10

All: 680.531+/-288.497 χ^2/NDF: 48.8/20

asym_sam_48_avg_rms vs Slug, Sign Corrected

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

Left Out: 1150.311+/-0.290 χ^2/NDF:478877.0/10

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

Left In: 1149.574+/-0.287 χ^2/NDF:363772.3/9

Left: 1149.938+/-0.204 χ^2/NDF: 842652.6/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1149.574+/-0.287 χ^2/NDF:363772.3/9

Out: 1150.311+/-0.290 χ^2/NDF:478877.0/10

All: 1149.938+/-0.204 χ^2/NDF: 842652.6/20

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected

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

Left Out: -127.485+/-37.802 χ^2/NDF:12.6/10

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

Left In: -162.183+/-38.397 χ^2/NDF:7.1/9

Left: -144.563+/-26.938 χ^2/NDF: 20.1/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -162.183+/-38.397 χ^2/NDF:7.1/9

Out: -127.485+/-37.802 χ^2/NDF:12.6/10

All: -144.563+/-26.938 χ^2/NDF: 20.1/20

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected

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

Left Out: 107.085+/-0.027 χ^2/NDF:141885.3/10

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

Left In: 109.838+/-0.027 χ^2/NDF:148301.0/9

Left: 108.440+/-0.019 χ^2/NDF: 295408.5/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 109.838+/-0.027 χ^2/NDF:148301.0/9

Out: 107.085+/-0.027 χ^2/NDF:141885.3/10

All: 108.440+/-0.019 χ^2/NDF: 295408.5/20

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected

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

Left Out: 374.137+/-237.829 χ^2/NDF:10.8/10

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

Left In: -365.659+/-228.468 χ^2/NDF:18.1/9

Left: -10.607+/-164.761 χ^2/NDF: 33.9/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -365.659+/-228.468 χ^2/NDF:18.1/9

Out: 374.137+/-237.829 χ^2/NDF:10.8/10

All: -10.607+/-164.761 χ^2/NDF: 33.9/20

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected

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

Left Out: 668.635+/-0.168 χ^2/NDF:205449.0/10

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

Left In: 648.077+/-0.162 χ^2/NDF:292339.4/9

Left: 657.944+/-0.117 χ^2/NDF: 505559.8/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 648.077+/-0.162 χ^2/NDF:292339.4/9

Out: 668.635+/-0.168 χ^2/NDF:205449.0/10

All: 657.944+/-0.117 χ^2/NDF: 505559.8/20

asym_sam_15_dd_mean vs Slug, Sign Corrected

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

Left Out: -470.158+/-232.810 χ^2/NDF:8.5/10

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

Left In: 209.205+/-224.945 χ^2/NDF:20.2/9

Left: -118.807+/-161.769 χ^2/NDF: 33.1/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 209.205+/-224.945 χ^2/NDF:20.2/9

Out: -470.158+/-232.810 χ^2/NDF:8.5/10

All: -118.807+/-161.769 χ^2/NDF: 33.1/20

asym_sam_15_dd_rms vs Slug, Sign Corrected

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

Left Out: 657.862+/-0.165 χ^2/NDF:202557.9/10

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

Left In: 637.945+/-0.159 χ^2/NDF:294130.3/9

Left: 647.561+/-0.114 χ^2/NDF: 504258.1/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 637.945+/-0.159 χ^2/NDF:294130.3/9

Out: 657.862+/-0.165 χ^2/NDF:202557.9/10

All: 647.561+/-0.114 χ^2/NDF: 504258.1/20

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected

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

Left Out: -190.046+/-75.795 χ^2/NDF:13.5/10

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

Left In: -285.157+/-76.209 χ^2/NDF:5.3/9

Left: -237.343+/-53.741 χ^2/NDF: 19.5/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -285.157+/-76.209 χ^2/NDF:5.3/9

Out: -190.046+/-75.795 χ^2/NDF:13.5/10

All: -237.343+/-53.741 χ^2/NDF: 19.5/20

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected

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

Left Out: 214.891+/-0.054 χ^2/NDF:109554.2/10

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

Left In: 218.295+/-0.054 χ^2/NDF:107560.0/9

Left: 216.584+/-0.038 χ^2/NDF: 219121.1/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 218.295+/-0.054 χ^2/NDF:107560.0/9

Out: 214.891+/-0.054 χ^2/NDF:109554.2/10

All: 216.584+/-0.038 χ^2/NDF: 219121.1/20

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected

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

Left Out: -993.256+/-580.440 χ^2/NDF:24.6/10

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

Left In: -411.222+/-575.769 χ^2/NDF:16.5/9

Left: -699.888+/-408.772 χ^2/NDF: 41.6/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -411.222+/-575.769 χ^2/NDF:16.5/9

Out: -993.256+/-580.440 χ^2/NDF:24.6/10

All: -699.888+/-408.772 χ^2/NDF: 41.6/20

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected

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

Left Out: 1633.461+/-0.410 χ^2/NDF:213193.8/10

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

Left In: 1644.077+/-0.407 χ^2/NDF:170565.3/9

Left: 1638.812+/-0.289 χ^2/NDF: 384096.3/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1644.077+/-0.407 χ^2/NDF:170565.3/9

Out: 1633.461+/-0.410 χ^2/NDF:213193.8/10

All: 1638.812+/-0.289 χ^2/NDF: 384096.3/20

asym_sam_26_dd_mean vs Slug, Sign Corrected

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

Left Out: 939.350+/-572.033 χ^2/NDF:20.0/10

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

Left In: 130.480+/-569.585 χ^2/NDF:16.0/9

Left: 533.180+/-403.620 χ^2/NDF: 37.0/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 130.480+/-569.585 χ^2/NDF:16.0/9

Out: 939.350+/-572.033 χ^2/NDF:20.0/10

All: 533.180+/-403.620 χ^2/NDF: 37.0/20

asym_sam_26_dd_rms vs Slug, Sign Corrected

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

Left Out: 1617.947+/-0.404 χ^2/NDF:206184.8/10

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

Left In: 1626.031+/-0.403 χ^2/NDF:174975.4/9

Left: 1622.007+/-0.285 χ^2/NDF: 381360.8/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1626.031+/-0.403 χ^2/NDF:174975.4/9

Out: 1617.947+/-0.404 χ^2/NDF:206184.8/10

All: 1622.007+/-0.285 χ^2/NDF: 381360.8/20

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected

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

Left Out: -29.194+/-19.557 χ^2/NDF:15.0/10

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

Left In: -53.943+/-20.346 χ^2/NDF:11.9/9

Left: -41.079+/-14.099 χ^2/NDF: 27.7/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -53.943+/-20.346 χ^2/NDF:11.9/9

Out: -29.194+/-19.557 χ^2/NDF:15.0/10

All: -41.079+/-14.099 χ^2/NDF: 27.7/20

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected

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

Left Out: 55.055+/-0.014 χ^2/NDF:153951.9/10

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

Left In: 57.205+/-0.014 χ^2/NDF:337900.5/9

Left: 56.087+/-0.010 χ^2/NDF: 503464.2/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 57.205+/-0.014 χ^2/NDF:337900.5/9

Out: 55.055+/-0.014 χ^2/NDF:153951.9/10

All: 56.087+/-0.010 χ^2/NDF: 503464.2/20

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected

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

Left Out: -485.538+/-108.867 χ^2/NDF:30.9/10

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

Left In: 95.597+/-102.215 χ^2/NDF:5.2/9

Left: -176.676+/-74.518 χ^2/NDF: 51.3/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 95.597+/-102.215 χ^2/NDF:5.2/9

Out: -485.538+/-108.867 χ^2/NDF:30.9/10

All: -176.676+/-74.518 χ^2/NDF: 51.3/20

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected

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

Left Out: 293.766+/-0.077 χ^2/NDF:1472971.6/10

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

Left In: 278.415+/-0.072 χ^2/NDF:1522584.7/9

Left: 285.607+/-0.053 χ^2/NDF: 3016691.7/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 278.415+/-0.072 χ^2/NDF:1522584.7/9

Out: 293.766+/-0.077 χ^2/NDF:1472971.6/10

All: 285.607+/-0.053 χ^2/NDF: 3016691.7/20

asym_sam_37_dd_mean vs Slug, Sign Corrected

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

Left Out: 468.754+/-112.424 χ^2/NDF:30.3/10

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

Left In: -171.576+/-103.774 χ^2/NDF:4.8/9

Left: 123.010+/-76.254 χ^2/NDF: 52.7/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -171.576+/-103.774 χ^2/NDF:4.8/9

Out: 468.754+/-112.424 χ^2/NDF:30.3/10

All: 123.010+/-76.254 χ^2/NDF: 52.7/20

asym_sam_37_dd_rms vs Slug, Sign Corrected

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

Left Out: 306.567+/-0.079 χ^2/NDF:1263117.2/10

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

Left In: 282.658+/-0.073 χ^2/NDF:1410919.6/9

Left: 293.657+/-0.054 χ^2/NDF: 2722880.1/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 282.658+/-0.073 χ^2/NDF:1410919.6/9

Out: 306.567+/-0.079 χ^2/NDF:1263117.2/10

All: 293.657+/-0.054 χ^2/NDF: 2722880.1/20

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected

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

Left Out: 220.218+/-47.739 χ^2/NDF:9.1/10

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

Left In: 206.586+/-47.362 χ^2/NDF:7.2/9

Left: 213.348+/-33.622 χ^2/NDF: 16.3/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 206.586+/-47.362 χ^2/NDF:7.2/9

Out: 220.218+/-47.739 χ^2/NDF:9.1/10

All: 213.348+/-33.622 χ^2/NDF: 16.3/20

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected

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

Left Out: 133.866+/-0.034 χ^2/NDF:351034.0/10

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

Left In: 135.121+/-0.033 χ^2/NDF:66758.2/9

Left: 134.499+/-0.024 χ^2/NDF: 418488.6/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 135.121+/-0.033 χ^2/NDF:66758.2/9

Out: 133.866+/-0.034 χ^2/NDF:351034.0/10

All: 134.499+/-0.024 χ^2/NDF: 418488.6/20

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected

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

Left Out: -1626.734+/-351.489 χ^2/NDF:16.0/10

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

Left In: 674.867+/-343.948 χ^2/NDF:5.5/9

Left: -450.981+/-245.831 χ^2/NDF: 43.4/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 674.867+/-343.948 χ^2/NDF:5.5/9

Out: -1626.734+/-351.489 χ^2/NDF:16.0/10

All: -450.981+/-245.831 χ^2/NDF: 43.4/20

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected

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

Left Out: 980.990+/-0.249 χ^2/NDF:464717.3/10

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

Left In: 977.186+/-0.243 χ^2/NDF:267683.8/9

Left: 979.047+/-0.174 χ^2/NDF: 732520.8/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 977.186+/-0.243 χ^2/NDF:267683.8/9

Out: 980.990+/-0.249 χ^2/NDF:464717.3/10

All: 979.047+/-0.174 χ^2/NDF: 732520.8/20

asym_sam_48_dd_mean vs Slug, Sign Corrected

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

Left Out: 1860.961+/-349.069 χ^2/NDF:16.7/10

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

Left In: -444.079+/-341.934 χ^2/NDF:6.4/9

Left: 684.641+/-244.267 χ^2/NDF: 45.3/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -444.079+/-341.934 χ^2/NDF:6.4/9

Out: 1860.961+/-349.069 χ^2/NDF:16.7/10

All: 684.641+/-244.267 χ^2/NDF: 45.3/20

asym_sam_48_dd_rms vs Slug, Sign Corrected

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

Left Out: 979.072+/-0.247 χ^2/NDF:455817.1/10

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

Left In: 970.168+/-0.242 χ^2/NDF:272867.8/9

Left: 974.528+/-0.173 χ^2/NDF: 729349.0/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 970.168+/-0.242 χ^2/NDF:272867.8/9

Out: 979.072+/-0.247 χ^2/NDF:455817.1/10

All: 974.528+/-0.173 χ^2/NDF: 729349.0/20

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: -74.855+/-21.175 χ^2/NDF:16.8/10

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

Left In: -120.295+/-21.845 χ^2/NDF:5.4/9

Left: -96.868+/-15.204 χ^2/NDF: 24.5/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -120.295+/-21.845 χ^2/NDF:5.4/9

Out: -74.855+/-21.175 χ^2/NDF:16.8/10

All: -96.868+/-15.204 χ^2/NDF: 24.5/20

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: 60.082+/-0.015 χ^2/NDF:69139.7/10

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

Left In: 62.531+/-0.015 χ^2/NDF:49819.9/9

Left: 61.269+/-0.011 χ^2/NDF: 131919.2/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 62.531+/-0.015 χ^2/NDF:49819.9/9

Out: 60.082+/-0.015 χ^2/NDF:69139.7/10

All: 61.269+/-0.011 χ^2/NDF: 131919.2/20

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: -62.013+/-132.491 χ^2/NDF:23.8/10

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

Left In: -131.254+/-130.069 χ^2/NDF:17.6/9

Left: -97.272+/-92.817 χ^2/NDF: 41.6/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -131.254+/-130.069 χ^2/NDF:17.6/9

Out: -62.013+/-132.491 χ^2/NDF:23.8/10

All: -97.272+/-92.817 χ^2/NDF: 41.6/20

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: 374.283+/-0.094 χ^2/NDF:250657.3/10

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

Left In: 370.688+/-0.092 χ^2/NDF:186504.6/9

Left: 372.452+/-0.066 χ^2/NDF: 437911.7/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 370.688+/-0.092 χ^2/NDF:186504.6/9

Out: 374.283+/-0.094 χ^2/NDF:250657.3/10

All: 372.452+/-0.066 χ^2/NDF: 437911.7/20

asym_sam_13_57_dd_mean vs Slug, Sign Corrected

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

Left Out: 34.381+/-129.686 χ^2/NDF:16.9/10

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

Left In: 5.123+/-125.887 χ^2/NDF:17.7/9

Left: 19.317+/-90.329 χ^2/NDF: 34.6/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5.123+/-125.887 χ^2/NDF:17.7/9

Out: 34.381+/-129.686 χ^2/NDF:16.9/10

All: 19.317+/-90.329 χ^2/NDF: 34.6/20

asym_sam_13_57_dd_rms vs Slug, Sign Corrected

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

Left Out: 366.607+/-0.092 χ^2/NDF:240811.3/10

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

Left In: 358.336+/-0.089 χ^2/NDF:211932.7/9

Left: 362.349+/-0.064 χ^2/NDF: 456932.1/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 358.336+/-0.089 χ^2/NDF:211932.7/9

Out: 366.607+/-0.092 χ^2/NDF:240811.3/10

All: 362.349+/-0.064 χ^2/NDF: 456932.1/20

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: -35.508+/-16.762 χ^2/NDF:26.8/10

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

Left In: -28.417+/-16.772 χ^2/NDF:13.1/9

Left: -31.965+/-11.856 χ^2/NDF: 39.9/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -28.417+/-16.772 χ^2/NDF:13.1/9

Out: -35.508+/-16.762 χ^2/NDF:26.8/10

All: -31.965+/-11.856 χ^2/NDF: 39.9/20

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: 47.368+/-0.012 χ^2/NDF:113474.9/10

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

Left In: 47.504+/-0.012 χ^2/NDF:215026.7/9

Left: 47.436+/-0.008 χ^2/NDF: 328567.7/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 47.504+/-0.012 χ^2/NDF:215026.7/9

Out: 47.368+/-0.012 χ^2/NDF:113474.9/10

All: 47.436+/-0.008 χ^2/NDF: 328567.7/20

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: 358.232+/-123.839 χ^2/NDF:24.8/10

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

Left In: 71.940+/-122.048 χ^2/NDF:13.8/9

Left: 213.000+/-86.927 χ^2/NDF: 41.3/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 71.940+/-122.048 χ^2/NDF:13.8/9

Out: 358.232+/-123.839 χ^2/NDF:24.8/10

All: 213.000+/-86.927 χ^2/NDF: 41.3/20

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: 343.021+/-0.088 χ^2/NDF:801033.5/10

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

Left In: 343.658+/-0.086 χ^2/NDF:556288.0/9

Left: 343.344+/-0.061 χ^2/NDF: 1357348.4/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 343.658+/-0.086 χ^2/NDF:556288.0/9

Out: 343.021+/-0.088 χ^2/NDF:801033.5/10

All: 343.344+/-0.061 χ^2/NDF: 1357348.4/20

asym_sam_15_37_dd_mean vs Slug, Sign Corrected

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

Left Out: -406.584+/-125.638 χ^2/NDF:24.9/10

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

Left In: -122.127+/-122.138 χ^2/NDF:13.6/9

Left: -260.338+/-87.576 χ^2/NDF: 41.1/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -122.127+/-122.138 χ^2/NDF:13.6/9

Out: -406.584+/-125.638 χ^2/NDF:24.9/10

All: -260.338+/-87.576 χ^2/NDF: 41.1/20

asym_sam_15_37_dd_rms vs Slug, Sign Corrected

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

Left Out: 348.560+/-0.089 χ^2/NDF:756399.4/10

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

Left In: 343.517+/-0.086 χ^2/NDF:546548.7/9

Left: 345.967+/-0.062 χ^2/NDF: 1304604.4/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 343.517+/-0.086 χ^2/NDF:546548.7/9

Out: 348.560+/-0.089 χ^2/NDF:756399.4/10

All: 345.967+/-0.062 χ^2/NDF: 1304604.4/20

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: 22.351+/-32.807 χ^2/NDF:13.6/10

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

Left In: -43.384+/-31.925 χ^2/NDF:2.7/9

Left: -11.413+/-22.880 χ^2/NDF: 18.4/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -43.384+/-31.925 χ^2/NDF:2.7/9

Out: 22.351+/-32.807 χ^2/NDF:13.6/10

All: -11.413+/-22.880 χ^2/NDF: 18.4/20

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: 92.486+/-0.023 χ^2/NDF:208949.9/10

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

Left In: 91.104+/-0.023 χ^2/NDF:128217.0/9

Left: 91.776+/-0.016 χ^2/NDF: 338989.9/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 91.104+/-0.023 χ^2/NDF:128217.0/9

Out: 92.486+/-0.023 χ^2/NDF:208949.9/10

All: 91.776+/-0.016 χ^2/NDF: 338989.9/20

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: -1278.884+/-343.799 χ^2/NDF:30.9/10

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

Left In: 53.615+/-340.791 χ^2/NDF:10.1/9

Left: -606.780+/-242.032 χ^2/NDF: 48.6/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 53.615+/-340.791 χ^2/NDF:10.1/9

Out: -1278.884+/-343.799 χ^2/NDF:30.9/10

All: -606.780+/-242.032 χ^2/NDF: 48.6/20

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: 963.219+/-0.243 χ^2/NDF:313068.7/10

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

Left In: 970.247+/-0.241 χ^2/NDF:254835.5/9

Left: 966.764+/-0.171 χ^2/NDF: 568325.8/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 970.247+/-0.241 χ^2/NDF:254835.5/9

Out: 963.219+/-0.243 χ^2/NDF:313068.7/10

All: 966.764+/-0.171 χ^2/NDF: 568325.8/20

asym_sam_24_68_dd_mean vs Slug, Sign Corrected

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

Left Out: 1370.000+/-343.795 χ^2/NDF:27.7/10

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

Left In: -93.843+/-341.756 χ^2/NDF:9.4/9

Left: 633.725+/-242.376 χ^2/NDF: 46.3/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -93.843+/-341.756 χ^2/NDF:9.4/9

Out: 1370.000+/-343.795 χ^2/NDF:27.7/10

All: 633.725+/-242.376 χ^2/NDF: 46.3/20

asym_sam_24_68_dd_rms vs Slug, Sign Corrected

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

Left Out: 968.166+/-0.243 χ^2/NDF:297332.3/10

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

Left In: 973.035+/-0.242 χ^2/NDF:244301.9/9

Left: 970.615+/-0.171 χ^2/NDF: 541836.0/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 973.035+/-0.242 χ^2/NDF:244301.9/9

Out: 968.166+/-0.243 χ^2/NDF:297332.3/10

All: 970.615+/-0.171 χ^2/NDF: 541836.0/20

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: 36.920+/-34.446 χ^2/NDF:16.5/10

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

Left In: 23.063+/-34.695 χ^2/NDF:5.0/9

Left: 30.041+/-24.445 χ^2/NDF: 21.6/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 23.063+/-34.695 χ^2/NDF:5.0/9

Out: 36.920+/-34.446 χ^2/NDF:16.5/10

All: 30.041+/-24.445 χ^2/NDF: 21.6/20

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: 96.779+/-0.024 χ^2/NDF:362901.7/10

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

Left In: 98.973+/-0.025 χ^2/NDF:77804.8/9

Left: 97.868+/-0.017 χ^2/NDF: 444734.7/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 98.973+/-0.025 χ^2/NDF:77804.8/9

Out: 96.779+/-0.024 χ^2/NDF:362901.7/10

All: 97.868+/-0.017 χ^2/NDF: 444734.7/20

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:19.0/10

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

Left In: -372.701+/-178.713 χ^2/NDF:9.7/9

Left: -0.000+/-0.000 χ^2/NDF: 33.1/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -372.701+/-178.713 χ^2/NDF:9.7/9

Out: -0.000+/-0.000 χ^2/NDF:19.0/10

All: -0.000+/-0.000 χ^2/NDF: 33.1/20

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:13102978.5/10

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

Left In: 508.262+/-0.126 χ^2/NDF:215392.5/9

Left: 0.000+/-0.000 χ^2/NDF: 29495259.9/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 508.262+/-0.126 χ^2/NDF:215392.5/9

Out: 0.000+/-0.000 χ^2/NDF:13102978.5/10

All: 0.000+/-0.000 χ^2/NDF: 29495259.9/20

asym_sam_26_48_dd_mean vs Slug, Sign Corrected

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

Left Out: -638.552+/-175.821 χ^2/NDF:7.9/10

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

Left In: 383.620+/-173.122 χ^2/NDF:10.8/9

Left: -119.560+/-123.359 χ^2/NDF: 35.9/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 383.620+/-173.122 χ^2/NDF:10.8/9

Out: -638.552+/-175.821 χ^2/NDF:7.9/10

All: -119.560+/-123.359 χ^2/NDF: 35.9/20

asym_sam_26_48_dd_rms vs Slug, Sign Corrected

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

Left Out: 493.314+/-0.124 χ^2/NDF:421388.3/10

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

Left In: 491.594+/-0.122 χ^2/NDF:227718.1/9

Left: 492.441+/-0.087 χ^2/NDF: 649203.5/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 491.594+/-0.122 χ^2/NDF:227718.1/9

Out: 493.314+/-0.124 χ^2/NDF:421388.3/10

All: 492.441+/-0.087 χ^2/NDF: 649203.5/20

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected

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

Left Out: 18.777+/-40.115 χ^2/NDF:9.1/10

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

Left In: 31.614+/-38.956 χ^2/NDF:6.0/9

Left: 25.383+/-27.947 χ^2/NDF: 15.2/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 31.614+/-38.956 χ^2/NDF:6.0/9

Out: 18.777+/-40.115 χ^2/NDF:9.1/10

All: 25.383+/-27.947 χ^2/NDF: 15.2/20

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected

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

Left Out: 112.688+/-0.028 χ^2/NDF:250356.8/10

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

Left In: 111.490+/-0.028 χ^2/NDF:28160.3/9

Left: 112.071+/-0.020 χ^2/NDF: 279436.0/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 111.490+/-0.028 χ^2/NDF:28160.3/9

Out: 112.688+/-0.028 χ^2/NDF:250356.8/10

All: 112.071+/-0.020 χ^2/NDF: 279436.0/20

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected

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

Left Out: -1188.738+/-249.984 χ^2/NDF:15.2/10

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

Left In: 495.855+/-246.887 χ^2/NDF:5.8/9

Left: -335.941+/-175.660 χ^2/NDF: 44.0/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 495.855+/-246.887 χ^2/NDF:5.8/9

Out: -1188.738+/-249.984 χ^2/NDF:15.2/10

All: -335.941+/-175.660 χ^2/NDF: 44.0/20

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected

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

Left Out: 699.455+/-0.177 χ^2/NDF:391967.7/10

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

Left In: 702.429+/-0.175 χ^2/NDF:247305.8/9

Left: 700.961+/-0.124 χ^2/NDF: 639416.8/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 702.429+/-0.175 χ^2/NDF:247305.8/9

Out: 699.455+/-0.177 χ^2/NDF:391967.7/10

All: 700.961+/-0.124 χ^2/NDF: 639416.8/20

asym_sam_1548_avg_mean vs Slug, Sign Corrected

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

Left Out: 1217.272+/-246.988 χ^2/NDF:15.6/10

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

Left In: -456.624+/-244.963 χ^2/NDF:6.3/9

Left: 373.437+/-173.927 χ^2/NDF: 45.1/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -456.624+/-244.963 χ^2/NDF:6.3/9

Out: 1217.272+/-246.988 χ^2/NDF:15.6/10

All: 373.437+/-173.927 χ^2/NDF: 45.1/20

asym_sam_1548_avg_rms vs Slug, Sign Corrected

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

Left Out: 694.383+/-0.175 χ^2/NDF:382959.9/10

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

Left In: 696.457+/-0.173 χ^2/NDF:250858.3/9

Left: 695.429+/-0.123 χ^2/NDF: 633889.3/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 696.457+/-0.173 χ^2/NDF:250858.3/9

Out: 694.383+/-0.175 χ^2/NDF:382959.9/10

All: 695.429+/-0.123 χ^2/NDF: 633889.3/20

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected

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

Left Out: 52.126+/-40.858 χ^2/NDF:8.1/10

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

Left In: 63.349+/-39.559 χ^2/NDF:11.1/9

Left: 57.918+/-28.421 χ^2/NDF: 19.3/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 63.349+/-39.559 χ^2/NDF:11.1/9

Out: 52.126+/-40.858 χ^2/NDF:8.1/10

All: 57.918+/-28.421 χ^2/NDF: 19.3/20

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected

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

Left Out: 114.197+/-0.029 χ^2/NDF:318209.2/10

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

Left In: 112.603+/-0.028 χ^2/NDF:102057.5/9

Left: 113.374+/-0.020 χ^2/NDF: 421838.6/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 112.603+/-0.028 χ^2/NDF:102057.5/9

Out: 114.197+/-0.029 χ^2/NDF:318209.2/10

All: 113.374+/-0.020 χ^2/NDF: 421838.6/20

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected

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

Left Out: -1467.976+/-306.975 χ^2/NDF:26.9/10

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

Left In: 435.265+/-299.792 χ^2/NDF:4.8/9

Left: -493.826+/-214.480 χ^2/NDF: 51.4/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 435.265+/-299.792 χ^2/NDF:4.8/9

Out: -1467.976+/-306.975 χ^2/NDF:26.9/10

All: -493.826+/-214.480 χ^2/NDF: 51.4/20

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected

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

Left Out: 851.612+/-0.217 χ^2/NDF:659101.5/10

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

Left In: 844.701+/-0.212 χ^2/NDF:576226.1/9

Left: 848.075+/-0.152 χ^2/NDF: 1235846.4/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 844.701+/-0.212 χ^2/NDF:576226.1/9

Out: 851.612+/-0.217 χ^2/NDF:659101.5/10

All: 848.075+/-0.152 χ^2/NDF: 1235846.4/20

asym_sam_3748_avg_mean vs Slug, Sign Corrected

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

Left Out: 1588.941+/-308.005 χ^2/NDF:25.7/10

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

Left In: -367.370+/-301.328 χ^2/NDF:5.1/9

Left: 589.352+/-215.393 χ^2/NDF: 51.3/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -367.370+/-301.328 χ^2/NDF:5.1/9

Out: 1588.941+/-308.005 χ^2/NDF:25.7/10

All: 589.352+/-215.393 χ^2/NDF: 51.3/20

asym_sam_3748_avg_rms vs Slug, Sign Corrected

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

Left Out: 859.761+/-0.218 χ^2/NDF:597564.9/10

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

Left In: 849.181+/-0.213 χ^2/NDF:527646.8/9

Left: 854.355+/-0.152 χ^2/NDF: 1126417.6/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 849.181+/-0.213 χ^2/NDF:527646.8/9

Out: 859.761+/-0.218 χ^2/NDF:597564.9/10

All: 854.355+/-0.152 χ^2/NDF: 1126417.6/20

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected

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

Left Out: 68.178+/-24.398 χ^2/NDF:9.9/10

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

Left In: 44.030+/-23.340 χ^2/NDF:5.9/9

Left: 55.569+/-16.866 χ^2/NDF: 16.3/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 44.030+/-23.340 χ^2/NDF:5.9/9

Out: 68.178+/-24.398 χ^2/NDF:9.9/10

All: 55.569+/-16.866 χ^2/NDF: 16.3/20

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected

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

Left Out: 68.669+/-0.017 χ^2/NDF:180574.9/10

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

Left In: 66.271+/-0.017 χ^2/NDF:220034.0/9

Left: 67.417+/-0.012 χ^2/NDF: 410695.4/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 66.271+/-0.017 χ^2/NDF:220034.0/9

Out: 68.669+/-0.017 χ^2/NDF:180574.9/10

All: 67.417+/-0.012 χ^2/NDF: 410695.4/20

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected

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

Left Out: -445.393+/-102.359 χ^2/NDF:30.9/10

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

Left In: 100.555+/-99.103 χ^2/NDF:6.8/9

Left: -163.597+/-71.200 χ^2/NDF: 52.4/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 100.555+/-99.103 χ^2/NDF:6.8/9

Out: -445.393+/-102.359 χ^2/NDF:30.9/10

All: -163.597+/-71.200 χ^2/NDF: 52.4/20

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected

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

Left Out: 282.092+/-0.072 χ^2/NDF:848218.7/10

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

Left In: 276.872+/-0.070 χ^2/NDF:831633.8/9

Left: 279.398+/-0.050 χ^2/NDF: 1682537.2/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 276.872+/-0.070 χ^2/NDF:831633.8/9

Out: 282.092+/-0.072 χ^2/NDF:848218.7/10

All: 279.398+/-0.050 χ^2/NDF: 1682537.2/20

asym_sam_1526_avg_mean vs Slug, Sign Corrected

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

Left Out: 537.910+/-107.160 χ^2/NDF:25.8/10

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

Left In: -68.920+/-103.146 χ^2/NDF:6.1/9

Left: 222.916+/-74.314 χ^2/NDF: 48.5/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -68.920+/-103.146 χ^2/NDF:6.1/9

Out: 537.910+/-107.160 χ^2/NDF:25.8/10

All: 222.916+/-74.314 χ^2/NDF: 48.5/20

asym_sam_1526_avg_rms vs Slug, Sign Corrected

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

Left Out: 297.933+/-0.076 χ^2/NDF:686889.3/10

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

Left In: 288.813+/-0.073 χ^2/NDF:677908.5/9

Left: 293.199+/-0.053 χ^2/NDF: 1372318.4/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 288.813+/-0.073 χ^2/NDF:677908.5/9

Out: 297.933+/-0.076 χ^2/NDF:686889.3/10

All: 293.199+/-0.053 χ^2/NDF: 1372318.4/20

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected

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

Left Out: 103.911+/-33.977 χ^2/NDF:16.1/10

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

Left In: 75.285+/-32.909 χ^2/NDF:8.4/9

Left: 89.141+/-23.639 χ^2/NDF: 24.9/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 75.285+/-32.909 χ^2/NDF:8.4/9

Out: 103.911+/-33.977 χ^2/NDF:16.1/10

All: 89.141+/-23.639 χ^2/NDF: 24.9/20

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected

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

Left Out: 95.286+/-0.024 χ^2/NDF:237329.8/10

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

Left In: 92.952+/-0.023 χ^2/NDF:268651.9/9

Left: 94.082+/-0.017 χ^2/NDF: 510847.4/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 92.952+/-0.023 χ^2/NDF:268651.9/9

Out: 95.286+/-0.024 χ^2/NDF:237329.8/10

All: 94.082+/-0.017 χ^2/NDF: 510847.4/20

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected

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

Left Out: -726.727+/-211.497 χ^2/NDF:31.8/10

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

Left In: -12.031+/-204.568 χ^2/NDF:10.1/9

Left: -357.480+/-147.040 χ^2/NDF: 47.8/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -12.031+/-204.568 χ^2/NDF:10.1/9

Out: -726.727+/-211.497 χ^2/NDF:31.8/10

All: -357.480+/-147.040 χ^2/NDF: 47.8/20

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected

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

Left Out: 573.813+/-0.150 χ^2/NDF:1291239.2/10

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

Left In: 566.141+/-0.145 χ^2/NDF:1077723.4/9

Left: 569.849+/-0.104 χ^2/NDF: 2370322.4/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 566.141+/-0.145 χ^2/NDF:1077723.4/9

Out: 573.813+/-0.150 χ^2/NDF:1291239.2/10

All: 569.849+/-0.104 χ^2/NDF: 2370322.4/20

asym_sam_3726_avg_mean vs Slug, Sign Corrected

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

Left Out: 900.872+/-216.260 χ^2/NDF:26.9/10

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

Left In: 76.510+/-206.396 χ^2/NDF:9.0/9

Left: 469.463+/-149.309 χ^2/NDF: 43.5/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 76.510+/-206.396 χ^2/NDF:9.0/9

Out: 900.872+/-216.260 χ^2/NDF:26.9/10

All: 469.463+/-149.309 χ^2/NDF: 43.5/20

asym_sam_3726_avg_rms vs Slug, Sign Corrected

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

Left Out: 592.414+/-0.153 χ^2/NDF:1107659.4/10

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

Left In: 570.655+/-0.146 χ^2/NDF:1020338.1/9

Left: 581.027+/-0.106 χ^2/NDF: 2138593.7/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 570.655+/-0.146 χ^2/NDF:1020338.1/9

Out: 592.414+/-0.153 χ^2/NDF:1107659.4/10

All: 581.027+/-0.106 χ^2/NDF: 2138593.7/20

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: -5.938+/-22.086 χ^2/NDF:9.8/10

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

Left In: -13.105+/-21.374 χ^2/NDF:8.1/9

Left: -9.639+/-15.359 χ^2/NDF: 18.0/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -13.105+/-21.374 χ^2/NDF:8.1/9

Out: -5.938+/-22.086 χ^2/NDF:9.8/10

All: -9.639+/-15.359 χ^2/NDF: 18.0/20

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: 61.657+/-0.016 χ^2/NDF:349622.9/10

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

Left In: 60.874+/-0.015 χ^2/NDF:65045.3/9

Left: 61.253+/-0.011 χ^2/NDF: 415969.0/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 60.874+/-0.015 χ^2/NDF:65045.3/9

Out: 61.657+/-0.016 χ^2/NDF:349622.9/10

All: 61.253+/-0.011 χ^2/NDF: 415969.0/20

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: 816.178+/-172.660 χ^2/NDF:27.8/10

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

Left In: -225.955+/-168.920 χ^2/NDF:5.0/9

Left: 283.704+/-120.745 χ^2/NDF: 51.5/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -225.955+/-168.920 χ^2/NDF:5.0/9

Out: 816.178+/-172.660 χ^2/NDF:27.8/10

All: 283.704+/-120.745 χ^2/NDF: 51.5/20

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: 478.833+/-0.122 χ^2/NDF:663921.4/10

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

Left In: 476.007+/-0.119 χ^2/NDF:576728.1/9

Left: 477.389+/-0.085 χ^2/NDF: 1240923.2/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 476.007+/-0.119 χ^2/NDF:576728.1/9

Out: 478.833+/-0.122 χ^2/NDF:663921.4/10

All: 477.389+/-0.085 χ^2/NDF: 1240923.2/20

asym_sam_15_48_dd_mean vs Slug, Sign Corrected

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

Left Out: -851.024+/-172.853 χ^2/NDF:27.5/10

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

Left In: 208.282+/-169.749 χ^2/NDF:5.2/9

Left: -311.776+/-121.113 χ^2/NDF: 51.8/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 208.282+/-169.749 χ^2/NDF:5.2/9

Out: -851.024+/-172.853 χ^2/NDF:27.5/10

All: -311.776+/-121.113 χ^2/NDF: 51.8/20

asym_sam_15_48_dd_rms vs Slug, Sign Corrected

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

Left Out: 482.083+/-0.122 χ^2/NDF:624052.5/10

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

Left In: 478.208+/-0.120 χ^2/NDF:547102.7/9

Left: 480.111+/-0.086 χ^2/NDF: 1171666.8/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 478.208+/-0.120 χ^2/NDF:547102.7/9

Out: 482.083+/-0.122 χ^2/NDF:624052.5/10

All: 480.111+/-0.086 χ^2/NDF: 1171666.8/20

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: 33.406+/-24.486 χ^2/NDF:19.7/10

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

Left In: 16.192+/-24.363 χ^2/NDF:3.1/9

Left: 24.756+/-17.271 χ^2/NDF: 23.1/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 16.192+/-24.363 χ^2/NDF:3.1/9

Out: 33.406+/-24.486 χ^2/NDF:19.7/10

All: 24.756+/-17.271 χ^2/NDF: 23.1/20

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: 68.940+/-0.017 χ^2/NDF:258235.0/10

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

Left In: 69.705+/-0.017 χ^2/NDF:47413.7/9

Left: 69.324+/-0.012 χ^2/NDF: 306629.6/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 69.705+/-0.017 χ^2/NDF:47413.7/9

Out: 68.940+/-0.017 χ^2/NDF:258235.0/10

All: 69.324+/-0.012 χ^2/NDF: 306629.6/20

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: 504.199+/-131.171 χ^2/NDF:7.5/10

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

Left In: -268.884+/-129.131 χ^2/NDF:10.1/9

Left: 111.599+/-92.022 χ^2/NDF: 35.3/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -268.884+/-129.131 χ^2/NDF:10.1/9

Out: 504.199+/-131.171 χ^2/NDF:7.5/10

All: 111.599+/-92.022 χ^2/NDF: 35.3/20

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: 367.668+/-0.093 χ^2/NDF:307653.7/10

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

Left In: 368.293+/-0.091 χ^2/NDF:135510.4/9

Left: 367.985+/-0.065 χ^2/NDF: 443187.1/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 368.293+/-0.091 χ^2/NDF:135510.4/9

Out: 367.668+/-0.093 χ^2/NDF:307653.7/10

All: 367.985+/-0.065 χ^2/NDF: 443187.1/20

asym_sam_37_48_dd_mean vs Slug, Sign Corrected

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

Left Out: -461.424+/-127.731 χ^2/NDF:8.7/10

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

Left In: 286.174+/-126.641 χ^2/NDF:10.2/9

Left: -84.422+/-89.932 χ^2/NDF: 36.1/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 286.174+/-126.641 χ^2/NDF:10.2/9

Out: -461.424+/-127.731 χ^2/NDF:8.7/10

All: -84.422+/-89.932 χ^2/NDF: 36.1/20

asym_sam_37_48_dd_rms vs Slug, Sign Corrected

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

Left Out: 359.596+/-0.090 χ^2/NDF:316821.2/10

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

Left In: 360.792+/-0.090 χ^2/NDF:152339.6/9

Left: 360.199+/-0.064 χ^2/NDF: 469249.3/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 360.792+/-0.090 χ^2/NDF:152339.6/9

Out: 359.596+/-0.090 χ^2/NDF:316821.2/10

All: 360.199+/-0.064 χ^2/NDF: 469249.3/20

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: -45.173+/-25.603 χ^2/NDF:15.8/10

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

Left In: -28.120+/-25.965 χ^2/NDF:4.2/9

Left: -36.767+/-18.231 χ^2/NDF: 20.2/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -28.120+/-25.965 χ^2/NDF:4.2/9

Out: -45.173+/-25.603 χ^2/NDF:15.8/10

All: -36.767+/-18.231 χ^2/NDF: 20.2/20

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: 72.180+/-0.018 χ^2/NDF:257366.0/10

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

Left In: 73.981+/-0.018 χ^2/NDF:41612.5/9

Left: 73.068+/-0.013 χ^2/NDF: 303858.1/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 73.981+/-0.018 χ^2/NDF:41612.5/9

Out: 72.180+/-0.018 χ^2/NDF:257366.0/10

All: 73.068+/-0.013 χ^2/NDF: 303858.1/20

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: 155.800+/-140.364 χ^2/NDF:23.0/10

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

Left In: 170.455+/-137.378 χ^2/NDF:16.1/9

Left: 163.285+/-98.180 χ^2/NDF: 39.2/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 170.455+/-137.378 χ^2/NDF:16.1/9

Out: 155.800+/-140.364 χ^2/NDF:23.0/10

All: 163.285+/-98.180 χ^2/NDF: 39.2/20

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: 386.459+/-0.099 χ^2/NDF:893448.1/10

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

Left In: 387.562+/-0.097 χ^2/NDF:476231.7/9

Left: 387.022+/-0.069 χ^2/NDF: 1369742.9/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 387.562+/-0.097 χ^2/NDF:476231.7/9

Out: 386.459+/-0.099 χ^2/NDF:893448.1/10

All: 387.022+/-0.069 χ^2/NDF: 1369742.9/20

asym_sam_15_26_dd_mean vs Slug, Sign Corrected

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

Left Out: -225.662+/-138.646 χ^2/NDF:18.4/10

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

Left In: -202.044+/-134.024 χ^2/NDF:15.5/9

Left: -213.453+/-96.362 χ^2/NDF: 33.9/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -202.044+/-134.024 χ^2/NDF:15.5/9

Out: -225.662+/-138.646 χ^2/NDF:18.4/10

All: -213.453+/-96.362 χ^2/NDF: 33.9/20

asym_sam_15_26_dd_rms vs Slug, Sign Corrected

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

Left Out: 383.696+/-0.098 χ^2/NDF:856428.4/10

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

Left In: 376.272+/-0.095 χ^2/NDF:554542.9/9

Left: 379.858+/-0.068 χ^2/NDF: 1413936.0/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 376.272+/-0.095 χ^2/NDF:554542.9/9

Out: 383.696+/-0.098 χ^2/NDF:856428.4/10

All: 379.858+/-0.068 χ^2/NDF: 1413936.0/20

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: -10.313+/-16.891 χ^2/NDF:15.6/10

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

Left In: -2.054+/-17.010 χ^2/NDF:11.4/9

Left: -6.212+/-11.985 χ^2/NDF: 27.0/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -2.054+/-17.010 χ^2/NDF:11.4/9

Out: -10.313+/-16.891 χ^2/NDF:15.6/10

All: -6.212+/-11.985 χ^2/NDF: 27.0/20

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: 47.774+/-0.012 χ^2/NDF:220403.2/10

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

Left In: 48.622+/-0.012 χ^2/NDF:66988.3/9

Left: 48.195+/-0.008 χ^2/NDF: 289896.3/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 48.622+/-0.012 χ^2/NDF:66988.3/9

Out: 47.774+/-0.012 χ^2/NDF:220403.2/10

All: 48.195+/-0.008 χ^2/NDF: 289896.3/20

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: -177.689+/-50.669 χ^2/NDF:9.8/10

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

Left In: 99.810+/-48.882 χ^2/NDF:8.7/9

Left: -33.960+/-35.180 χ^2/NDF: 34.1/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 99.810+/-48.882 χ^2/NDF:8.7/9

Out: -177.689+/-50.669 χ^2/NDF:9.8/10

All: -33.960+/-35.180 χ^2/NDF: 34.1/20

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: 138.401+/-0.036 χ^2/NDF:1078497.3/10

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

Left In: 136.856+/-0.035 χ^2/NDF:667774.2/9

Left: 137.601+/-0.025 χ^2/NDF: 1747234.4/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 136.856+/-0.035 χ^2/NDF:667774.2/9

Out: 138.401+/-0.036 χ^2/NDF:1078497.3/10

All: 137.601+/-0.025 χ^2/NDF: 1747234.4/20

asym_sam_37_26_dd_mean vs Slug, Sign Corrected

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

Left Out: 178.713+/-49.041 χ^2/NDF:6.6/10

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

Left In: -86.937+/-47.334 χ^2/NDF:13.7/9

Left: 41.184+/-34.058 χ^2/NDF: 35.5/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -86.937+/-47.334 χ^2/NDF:13.7/9

Out: 178.713+/-49.041 χ^2/NDF:6.6/10

All: 41.184+/-34.058 χ^2/NDF: 35.5/20

asym_sam_37_26_dd_rms vs Slug, Sign Corrected

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

Left Out: 135.636+/-0.035 χ^2/NDF:866119.4/10

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

Left In: 132.452+/-0.033 χ^2/NDF:600176.8/9

Left: 133.988+/-0.024 χ^2/NDF: 1470660.9/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 132.452+/-0.033 χ^2/NDF:600176.8/9

Out: 135.636+/-0.035 χ^2/NDF:866119.4/10

All: 133.988+/-0.024 χ^2/NDF: 1470660.9/20

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected

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

Left Out: 45.881+/-21.091 χ^2/NDF:8.6/10

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

Left In: 50.670+/-20.562 χ^2/NDF:12.9/9

Left: 48.336+/-14.723 χ^2/NDF: 21.6/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 50.670+/-20.562 χ^2/NDF:12.9/9

Out: 45.881+/-21.091 χ^2/NDF:8.6/10

All: 48.336+/-14.723 χ^2/NDF: 21.6/20

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected

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

Left Out: 59.180+/-0.015 χ^2/NDF:230023.3/10

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

Left In: 58.511+/-0.015 χ^2/NDF:150639.4/9

Left: 58.837+/-0.010 χ^2/NDF: 381693.5/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 58.511+/-0.015 χ^2/NDF:150639.4/9

Out: 59.180+/-0.015 χ^2/NDF:230023.3/10

All: 58.837+/-0.010 χ^2/NDF: 381693.5/20

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected

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

Left Out: -684.141+/-135.557 χ^2/NDF:22.9/10

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

Left In: 222.534+/-134.020 χ^2/NDF:3.9/9

Left: -225.635+/-95.305 χ^2/NDF: 49.4/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 222.534+/-134.020 χ^2/NDF:3.9/9

Out: -684.141+/-135.557 χ^2/NDF:22.9/10

All: -225.635+/-95.305 χ^2/NDF: 49.4/20

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected

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

Left Out: 378.613+/-0.096 χ^2/NDF:578958.7/10

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

Left In: 378.439+/-0.095 χ^2/NDF:502569.4/9

Left: 378.525+/-0.067 χ^2/NDF: 1081529.7/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 378.439+/-0.095 χ^2/NDF:502569.4/9

Out: 378.613+/-0.096 χ^2/NDF:578958.7/10

All: 378.525+/-0.067 χ^2/NDF: 1081529.7/20

asym_sam_1357_avg_mean vs Slug, Sign Corrected

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

Left Out: 738.461+/-136.126 χ^2/NDF:23.3/10

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

Left In: -158.921+/-132.718 χ^2/NDF:5.1/9

Left: 278.398+/-95.028 χ^2/NDF: 50.7/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -158.921+/-132.718 χ^2/NDF:5.1/9

Out: 738.461+/-136.126 χ^2/NDF:23.3/10

All: 278.398+/-95.028 χ^2/NDF: 50.7/20

asym_sam_1357_avg_rms vs Slug, Sign Corrected

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

Left Out: 380.754+/-0.096 χ^2/NDF:535261.1/10

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

Left In: 374.540+/-0.094 χ^2/NDF:475582.6/9

Left: 377.568+/-0.067 χ^2/NDF: 1012980.2/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 374.540+/-0.094 χ^2/NDF:475582.6/9

Out: 380.754+/-0.096 χ^2/NDF:535261.1/10

All: 377.568+/-0.067 χ^2/NDF: 1012980.2/20

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected

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

Left Out: 69.216+/-40.085 χ^2/NDF:7.1/10

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

Left In: 54.804+/-37.997 χ^2/NDF:7.8/9

Left: 61.624+/-27.577 χ^2/NDF: 15.0/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 54.804+/-37.997 χ^2/NDF:7.8/9

Out: 69.216+/-40.085 χ^2/NDF:7.1/10

All: 61.624+/-27.577 χ^2/NDF: 15.0/20

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected

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

Left Out: 112.083+/-0.028 χ^2/NDF:290559.7/10

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

Left In: 107.943+/-0.027 χ^2/NDF:156879.3/9

Left: 109.902+/-0.019 χ^2/NDF: 458677.9/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 107.943+/-0.027 χ^2/NDF:156879.3/9

Out: 112.083+/-0.028 χ^2/NDF:290559.7/10

All: 109.902+/-0.019 χ^2/NDF: 458677.9/20

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected

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

Left Out: -1264.207+/-272.774 χ^2/NDF:29.4/10

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

Left In: 322.815+/-266.307 χ^2/NDF:5.6/9

Left: -451.659+/-190.553 χ^2/NDF: 52.4/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 322.815+/-266.307 χ^2/NDF:5.6/9

Out: -1264.207+/-272.774 χ^2/NDF:29.4/10

All: -451.659+/-190.553 χ^2/NDF: 52.4/20

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected

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

Left Out: 755.451+/-0.193 χ^2/NDF:704156.3/10

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

Left In: 748.810+/-0.188 χ^2/NDF:640592.2/9

Left: 752.051+/-0.135 χ^2/NDF: 1345355.3/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 748.810+/-0.188 χ^2/NDF:640592.2/9

Out: 755.451+/-0.193 χ^2/NDF:704156.3/10

All: 752.051+/-0.135 χ^2/NDF: 1345355.3/20

asym_sam_2468_avg_mean vs Slug, Sign Corrected

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

Left Out: 1391.368+/-277.197 χ^2/NDF:27.3/10

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

Left In: -272.305+/-270.370 χ^2/NDF:5.3/9

Left: 538.793+/-193.549 χ^2/NDF: 51.1/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -272.305+/-270.370 χ^2/NDF:5.3/9

Out: 1391.368+/-277.197 χ^2/NDF:27.3/10

All: 538.793+/-193.549 χ^2/NDF: 51.1/20

asym_sam_2468_avg_rms vs Slug, Sign Corrected

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

Left Out: 772.473+/-0.196 χ^2/NDF:638871.0/10

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

Left In: 760.330+/-0.191 χ^2/NDF:586416.6/9

Left: 766.250+/-0.137 χ^2/NDF: 1227254.3/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 760.330+/-0.191 χ^2/NDF:586416.6/9

Out: 772.473+/-0.196 χ^2/NDF:638871.0/10

All: 766.250+/-0.137 χ^2/NDF: 1227254.3/20

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: -10.053+/-11.973 χ^2/NDF:9.5/10

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

Left In: -2.774+/-11.307 χ^2/NDF:4.8/9

Left: -6.205+/-8.221 χ^2/NDF: 14.5/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -2.774+/-11.307 χ^2/NDF:4.8/9

Out: -10.053+/-11.973 χ^2/NDF:9.5/10

All: -6.205+/-8.221 χ^2/NDF: 14.5/20

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: 33.583+/-0.008 χ^2/NDF:252827.7/10

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

Left In: 32.234+/-0.008 χ^2/NDF:81287.6/9

Left: 32.870+/-0.006 χ^2/NDF: 347527.7/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 32.234+/-0.008 χ^2/NDF:81287.6/9

Out: 33.583+/-0.008 χ^2/NDF:252827.7/10

All: 32.870+/-0.006 χ^2/NDF: 347527.7/20

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: 277.939+/-70.933 χ^2/NDF:36.0/10

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

Left In: -47.895+/-70.219 χ^2/NDF:7.7/9

Left: 113.373+/-49.903 χ^2/NDF: 54.4/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -47.895+/-70.219 χ^2/NDF:7.7/9

Out: 277.939+/-70.933 χ^2/NDF:36.0/10

All: 113.373+/-49.903 χ^2/NDF: 54.4/20

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: 196.809+/-0.050 χ^2/NDF:731192.3/10

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

Left In: 197.088+/-0.050 χ^2/NDF:695429.4/9

Left: 196.950+/-0.035 χ^2/NDF: 1426637.3/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 197.088+/-0.050 χ^2/NDF:695429.4/9

Out: 196.809+/-0.050 χ^2/NDF:731192.3/10

All: 196.950+/-0.035 χ^2/NDF: 1426637.3/20

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected

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

Left Out: -326.841+/-72.922 χ^2/NDF:29.4/10

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

Left In: 55.675+/-71.307 χ^2/NDF:6.2/9

Left: -131.302+/-50.983 χ^2/NDF: 49.7/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 55.675+/-71.307 χ^2/NDF:6.2/9

Out: -326.841+/-72.922 χ^2/NDF:29.4/10

All: -131.302+/-50.983 χ^2/NDF: 49.7/20

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected

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

Left Out: 202.624+/-0.052 χ^2/NDF:717963.6/10

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

Left In: 200.093+/-0.050 χ^2/NDF:653394.6/9

Left: 201.330+/-0.036 χ^2/NDF: 1372589.4/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 200.093+/-0.050 χ^2/NDF:653394.6/9

Out: 202.624+/-0.052 χ^2/NDF:717963.6/10

All: 201.330+/-0.036 χ^2/NDF: 1372589.4/20

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected

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

Left Out: 57.686+/-29.710 χ^2/NDF:7.2/10

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

Left In: 53.009+/-28.381 χ^2/NDF:9.6/9

Left: 55.241+/-20.522 χ^2/NDF: 16.9/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 53.009+/-28.381 χ^2/NDF:9.6/9

Out: 57.686+/-29.710 χ^2/NDF:7.2/10

All: 55.241+/-20.522 χ^2/NDF: 16.9/20

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected

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

Left Out: 83.109+/-0.021 χ^2/NDF:281026.4/10

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

Left In: 80.619+/-0.020 χ^2/NDF:166880.1/9

Left: 81.807+/-0.015 χ^2/NDF: 455252.9/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 80.619+/-0.020 χ^2/NDF:166880.1/9

Out: 83.109+/-0.021 χ^2/NDF:281026.4/10

All: 81.807+/-0.015 χ^2/NDF: 455252.9/20

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected

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

Left Out: -918.588+/-185.880 χ^2/NDF:27.3/10

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

Left In: 273.975+/-198.817 χ^2/NDF:5.0/9

Left: -362.364+/-135.780 χ^2/NDF: 51.5/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 273.975+/-198.817 χ^2/NDF:5.0/9

Out: -918.588+/-185.880 χ^2/NDF:27.3/10

All: -362.364+/-135.780 χ^2/NDF: 51.5/20

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected

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

Left Out: 492.448+/-0.131 χ^2/NDF:1431183.1/10

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

Left In: 559.737+/-0.141 χ^2/NDF:600762.5/9

Left: 523.832+/-0.096 χ^2/NDF: 2154183.9/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 559.737+/-0.141 χ^2/NDF:600762.5/9

Out: 492.448+/-0.131 χ^2/NDF:1431183.1/10

All: 523.832+/-0.096 χ^2/NDF: 2154183.9/20

asym_sam_12345678_avg_mean vs Slug, Sign Corrected

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

Left Out: 1065.155+/-205.848 χ^2/NDF:26.2/10

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

Left In: -216.217+/-200.712 χ^2/NDF:5.1/9

Left: 408.285+/-143.706 χ^2/NDF: 51.2/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -216.217+/-200.712 χ^2/NDF:5.1/9

Out: 1065.155+/-205.848 χ^2/NDF:26.2/10

All: 408.285+/-143.706 χ^2/NDF: 51.2/20

asym_sam_12345678_avg_rms vs Slug, Sign Corrected

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

Left Out: 574.333+/-0.146 χ^2/NDF:605845.3/10

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

Left In: 565.054+/-0.142 χ^2/NDF:552572.5/9

Left: 569.576+/-0.102 χ^2/NDF: 1160501.1/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 565.054+/-0.142 χ^2/NDF:552572.5/9

Out: 574.333+/-0.146 χ^2/NDF:605845.3/10

All: 569.576+/-0.102 χ^2/NDF: 1160501.1/20

dit_usl_4aX_slope vs Slug, Sign Corrected

Right In: -158.222+/-0.000 χ^2/NDF: 117166.2/15

Left Out: -266.072+/-0.183 χ^2/NDF:25252.7/9

Right Out: -194.268+/-0.165 χ^2/NDF: 176560.4/17

Left In: -268.974+/-0.195 χ^2/NDF:43098.2/9

Left: -267.435+/-0.133 χ^2/NDF: 68468.9/19

Right: -158.222+/-0.000 χ^2/NDF: 341369.6/33

In: -158.222+/-0.000 χ^2/NDF:484432.2/25

Out: -226.483+/-0.123 χ^2/NDF:286630.8/27

All: -158.222+/-0.000 χ^2/NDF: 1080954.7/53

dit_usl_4eX_slope vs Slug, Sign Corrected

Right In: 174.085+/-0.000 χ^2/NDF: 53377.4/15

Left Out: 219.378+/-0.182 χ^2/NDF:33227.1/9

Right Out: 149.948+/-0.196 χ^2/NDF: 167846.4/17

Left In: 225.018+/-0.197 χ^2/NDF:61048.6/9

Left: 221.975+/-0.133 χ^2/NDF: 94719.4/19

Right: 174.085+/-0.000 χ^2/NDF: 236460.5/33

In: 174.085+/-0.000 χ^2/NDF:181486.2/25

Out: 187.207+/-0.133 χ^2/NDF:268728.7/27

All: 174.085+/-0.000 χ^2/NDF: 459933.0/53

dit_usl_11X12X_slope vs Slug, Sign Corrected

Right In: -46.126+/-0.000 χ^2/NDF: 201273.7/15

Left Out: -41.462+/-0.009 χ^2/NDF:84191.4/9

Right Out: -28.139+/-0.000 χ^2/NDF: 746939.9/17

Left In: -41.301+/-0.011 χ^2/NDF:154747.8/9

Left: -41.395+/-0.007 χ^2/NDF: 239071.3/19

Right: -39.778+/-0.000 χ^2/NDF: 248795993231659

In: -46.126+/-0.000 χ^2/NDF:559353.1/25

Out: -28.139+/-0.000 χ^2/NDF:3011282.4/27

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: -1.773+/-0.010 χ^2/NDF:7369.0/9

Right Out: 13.204+/-0.000 χ^2/NDF: 509721.0/17

Left In: -2.090+/-0.008 χ^2/NDF:33564.5/9

Left: -1.978+/-0.006 χ^2/NDF: 41525.7/19

Right: 13.204+/-0.000 χ^2/NDF: 1268800.5/33

In: -2.086+/-0.007 χ^2/NDF:59231.9/25

Out: 13.204+/-0.000 χ^2/NDF:2556126.3/27

All: 13.204+/-0.000 χ^2/NDF: 7214725.4/53

dit_usl_4eY_slope vs Slug, Sign Corrected

Right In: 22.711+/-0.019 χ^2/NDF: 22767.9/15

Left Out: 20.550+/-0.012 χ^2/NDF:14540.6/9

Right Out: 21.790+/-0.022 χ^2/NDF: 26670.9/17

Left In: 20.953+/-0.010 χ^2/NDF:36827.0/9

Left: 20.797+/-0.008 χ^2/NDF: 52047.6/19

Right: 22.313+/-0.014 χ^2/NDF: 50478.1/33

In: 21.319+/-0.009 χ^2/NDF:66545.9/25

Out: 20.849+/-0.011 χ^2/NDF:43734.4/27

All: 21.133+/-0.007 χ^2/NDF: 111479.9/53

dit_usr_4aX_slope vs Slug, Sign Corrected

Right In: -276.201+/-0.167 χ^2/NDF: 58107.7/16

Left Out: -334.555+/-0.171 χ^2/NDF:25386.5/10

Right Out: -281.150+/-0.148 χ^2/NDF: 77611.5/18

Left In: -330.922+/-0.132 χ^2/NDF:34798.0/9

Left: -332.273+/-0.104 χ^2/NDF: 60467.5/20

Right: -278.974+/-0.110 χ^2/NDF: 136213.7/35

In: -309.878+/-0.103 χ^2/NDF:159328.5/26

Out: -303.925+/-0.112 χ^2/NDF:158862.1/29

All: -307.135+/-0.076 χ^2/NDF: 319721.2/56

dit_usr_4eX_slope vs Slug, Sign Corrected

Right In: 374.094+/-0.000 χ^2/NDF: 35072.0/16

Left Out: 414.063+/-0.171 χ^2/NDF:46664.8/10

Right Out: 373.134+/-0.158 χ^2/NDF: 108219.4/18

Left In: 410.557+/-0.133 χ^2/NDF:59343.1/9

Left: 411.881+/-0.105 χ^2/NDF: 106269.2/20

Right: 374.094+/-0.000 χ^2/NDF: 143328.3/35

In: 374.094+/-0.000 χ^2/NDF:169274.8/26

Out: 391.966+/-0.116 χ^2/NDF:185779.3/29

All: 374.094+/-0.000 χ^2/NDF: 378767.7/56

dit_usr_11X12X_slope vs Slug, Sign Corrected

Right In: -42.744+/-0.000 χ^2/NDF: 13262.6/16

Left Out: -37.839+/-0.005 χ^2/NDF:249400.8/10

Right Out: -29.754+/-0.000 χ^2/NDF: 483930.3/18

Left In: -38.106+/-0.005 χ^2/NDF:144829.4/9

Left: -37.971+/-0.004 χ^2/NDF: 395463.6/20

Right: -38.159+/-0.000 χ^2/NDF: 129765212680709

In: -42.744+/-0.000 χ^2/NDF:893336.0/26

Out: -29.754+/-0.000 χ^2/NDF:3013367.2/29

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: -0.476+/-0.009 χ^2/NDF:11542.8/10

Right Out: 18.504+/-0.000 χ^2/NDF: 7366781.0/18

Left In: -1.168+/-0.008 χ^2/NDF:37824.2/9

Left: -0.866+/-0.006 χ^2/NDF: 52753.4/20

Right: 6.039+/-0.000 χ^2/NDF: 16450574505955581

In: -9.259+/-0.000 χ^2/NDF:1507760.5/26

Out: 18.504+/-0.000 χ^2/NDF:11901310.3/29

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: 13.041+/-0.010 χ^2/NDF:13995.3/10

Right Out: -11.075+/-0.000 χ^2/NDF: 2712010.0/18

Left In: 13.242+/-0.011 χ^2/NDF:13781.0/9

Left: 13.132+/-0.008 χ^2/NDF: 27948.4/20

Right: -2.268+/-0.000 χ^2/NDF: 4692527454635666

In: 16.947+/-0.000 χ^2/NDF:132410.9/26

Out: -11.075+/-0.000 χ^2/NDF:8225017.3/29

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: -135.670+/-0.309 χ^2/NDF:43104.7/10

Right Out: -57.684+/-0.283 χ^2/NDF: 114854.9/18

Left In: -160.178+/-0.360 χ^2/NDF:38565.0/9

Left: -146.053+/-0.235 χ^2/NDF: 84333.7/20

Right: -205.160+/-0.000 χ^2/NDF: 968522.3/35

In: -205.160+/-0.000 χ^2/NDF:636911.0/26

Out: -93.298+/-0.209 χ^2/NDF:192553.1/29

All: -205.160+/-0.000 χ^2/NDF: 1116313.4/56

dit_atl1_4eX_slope vs Slug, Sign Corrected

Right In: 339.325+/-0.000 χ^2/NDF: 1030606.3/16

Left Out: 177.575+/-0.310 χ^2/NDF:78937.6/10

Right Out: 68.024+/-0.286 χ^2/NDF: 272330.9/18

Left In: 205.745+/-0.366 χ^2/NDF:45113.8/9

Left: 189.340+/-0.236 χ^2/NDF: 127508.2/20

Right: 339.325+/-0.000 χ^2/NDF: 2202286.8/35

In: 339.325+/-0.000 χ^2/NDF:1209182.9/26

Out: 118.474+/-0.210 χ^2/NDF:418799.7/29

All: 339.325+/-0.000 χ^2/NDF: 2732686.0/56

dit_atl1_11X12X_slope vs Slug, Sign Corrected

Right In: -48.945+/-0.000 χ^2/NDF: 5408370.4/16

Left Out: -19.156+/-0.014 χ^2/NDF:561950.6/10

Right Out: -27.303+/-0.052 χ^2/NDF: 167879.9/18

Left In: -22.321+/-0.020 χ^2/NDF:119639.3/9

Left: -20.194+/-0.011 χ^2/NDF: 698553.1/20

Right: -48.945+/-0.000 χ^2/NDF: 5751523.0/35

In: -48.945+/-0.000 χ^2/NDF:7314490.5/26

Out: -19.706+/-0.013 χ^2/NDF:752988.6/29

All: -48.945+/-0.000 χ^2/NDF: 12806705.6/56

dit_atl1_4aY_slope vs Slug, Sign Corrected

Right In: 6.728+/-0.000 χ^2/NDF: 13749.2/16

Left Out: 10.073+/-0.021 χ^2/NDF:20842.5/10

Right Out: 9.502+/-0.036 χ^2/NDF: 26822.1/18

Left In: 10.809+/-0.016 χ^2/NDF:6458.2/9

Left: 10.536+/-0.013 χ^2/NDF: 28060.6/20

Right: 6.728+/-0.000 χ^2/NDF: 46635.2/35

In: 6.728+/-0.000 χ^2/NDF:83037.6/26

Out: 9.924+/-0.018 χ^2/NDF:47854.4/29

All: 6.728+/-0.000 χ^2/NDF: 161706.0/56

dit_atl1_4eY_slope vs Slug, Sign Corrected

Right In: -19.693+/-0.000 χ^2/NDF: 7579.0/16

Left Out: -17.038+/-0.023 χ^2/NDF:35984.4/10

Right Out: 19.086+/-0.000 χ^2/NDF: 610746.9/18

Left In: -18.545+/-0.022 χ^2/NDF:5924.6/9

Left: -17.856+/-0.016 χ^2/NDF: 44151.9/20

Right: -6.006+/-0.000 χ^2/NDF: 4625637731292657

In: -19.693+/-0.000 χ^2/NDF:16352.1/26

Out: 19.086+/-0.000 χ^2/NDF:3018748.8/29

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: -2096.892+/-0.547 χ^2/NDF:264356.8/10

Right Out: -1134.421+/-0.000 χ^2/NDF: 733812.0/18

Left In: -2138.585+/-0.553 χ^2/NDF:31645.3/9

Left: -2117.506+/-0.389 χ^2/NDF: 298875.1/20

Right: -976.220+/-0.000 χ^2/NDF: 44889787387498

In: -889.928+/-0.000 χ^2/NDF:5904495.5/26

Out: -1134.421+/-0.000 χ^2/NDF:4094818.1/29

All: -976.220+/-0.000 χ^2/NDF: 44889787387

dit_atl2_4eX_slope vs Slug, Sign Corrected

Right In: 1171.188+/-0.245 χ^2/NDF: 508989.2/16

Left Out: 2139.236+/-0.541 χ^2/NDF:302261.3/10

Right Out: 1089.705+/-0.253 χ^2/NDF: 1100321.6/18

Left In: 2194.914+/-0.562 χ^2/NDF:55506.1/9

Left: 2166.015+/-0.390 χ^2/NDF: 362858.5/20

Right: 1131.764+/-0.176 χ^2/NDF: 1662665.0/35

In: 1335.002+/-0.225 χ^2/NDF:3349844.9/26

Out: 1278.495+/-0.230 χ^2/NDF:4487252.2/29

All: 1307.325+/-0.161 χ^2/NDF: 7868020.7/56

dit_atl2_11X12X_slope vs Slug, Sign Corrected

Right In: -212.190+/-0.000 χ^2/NDF: 1149195.1/16

Left Out: -277.229+/-0.030 χ^2/NDF:5701193.5/10

Right Out: -188.033+/-0.000 χ^2/NDF: 602264.3/18

Left In: -298.033+/-0.029 χ^2/NDF:275679.9/9

Left: -287.916+/-0.021 χ^2/NDF: 6227871.1/20

Right: -195.625+/-0.000 χ^2/NDF: 13622303625661

In: -212.190+/-0.000 χ^2/NDF:10212650.5/26

Out: -188.033+/-0.000 χ^2/NDF:15285602.7/29

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: -20.149+/-0.032 χ^2/NDF:44275.5/10

Right Out: -7.476+/-0.042 χ^2/NDF: 173893.8/18

Left In: -29.217+/-0.026 χ^2/NDF:259500.6/9

Left: -25.559+/-0.020 χ^2/NDF: 352067.3/20

Right: -56.037+/-0.000 χ^2/NDF: 3084882.3/35

In: -56.037+/-0.000 χ^2/NDF:2891903.8/26

Out: -15.543+/-0.025 χ^2/NDF:275630.1/29

All: -56.037+/-0.000 χ^2/NDF: 5703501.2/56

dit_atl2_4eY_slope vs Slug, Sign Corrected

Right In: 138.565+/-0.000 χ^2/NDF: 901159.7/16

Left Out: 143.166+/-0.037 χ^2/NDF:308963.8/10

Right Out: 6.866+/-0.000 χ^2/NDF: 8047391.7/18

Left In: 149.364+/-0.037 χ^2/NDF:44848.3/9

Left: 146.249+/-0.026 χ^2/NDF: 367539.5/20

Right: 7.101+/-0.000 χ^2/NDF: 2357682268192867

In: 138.565+/-0.000 χ^2/NDF:1028938.8/26

Out: 6.866+/-0.000 χ^2/NDF:21706156.1/29

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: -203.558+/-0.341 χ^2/NDF:57251.1/10

Right Out: -580.262+/-0.261 χ^2/NDF: 3031609.5/18

Left In: -198.562+/-0.371 χ^2/NDF:51936.8/9

Left: -201.269+/-0.251 χ^2/NDF: 109286.0/20

Right: -73.485+/-0.000 χ^2/NDF: 6902096.9/35

In: -73.485+/-0.000 χ^2/NDF:264165.7/26

Out: -441.375+/-0.207 χ^2/NDF:3857239.2/29

All: -73.485+/-0.000 χ^2/NDF: 7269924.0/56

dit_atr1_4eX_slope vs Slug, Sign Corrected

Right In: 42.743+/-0.000 χ^2/NDF: 84599.8/16

Left Out: 158.435+/-0.347 χ^2/NDF:70980.0/10

Right Out: 1036.068+/-0.000 χ^2/NDF: 4933722.5/18

Left In: 152.044+/-0.379 χ^2/NDF:61115.4/9

Left: 155.526+/-0.256 χ^2/NDF: 132250.0/20

Right: 43.272+/-0.000 χ^2/NDF: 1144517497266833

In: 42.743+/-0.000 χ^2/NDF:228735.8/26

Out: 1036.068+/-0.000 χ^2/NDF:11409041.5/29

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: -22.601+/-0.018 χ^2/NDF:312510.2/10

Right Out: -22.707+/-0.038 χ^2/NDF: 410174.9/18

Left In: -21.444+/-0.021 χ^2/NDF:179951.5/9

Left: -22.136+/-0.014 χ^2/NDF: 494211.6/20

Right: -26.045+/-0.026 χ^2/NDF: 473753.1/35

In: -23.471+/-0.018 χ^2/NDF:262171.9/26

Out: -22.619+/-0.016 χ^2/NDF:722691.6/29

All: -22.989+/-0.012 χ^2/NDF: 986102.3/56

dit_atr1_4aY_slope vs Slug, Sign Corrected

Right In: 13.238+/-0.000 χ^2/NDF: 5756.1/16

Left Out: 13.385+/-0.019 χ^2/NDF:3140.8/10

Right Out: -66.739+/-0.000 χ^2/NDF: 3023648.4/18

Left In: 13.416+/-0.019 χ^2/NDF:4320.6/9

Left: 13.400+/-0.013 χ^2/NDF: 7462.8/20

Right: 12.562+/-0.000 χ^2/NDF: 1884310027651005

In: 13.238+/-0.000 χ^2/NDF:10161.7/26

Out: -66.739+/-0.000 χ^2/NDF:21662926.7/29

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: -22.897+/-0.024 χ^2/NDF:11193.7/10

Right Out: -23.151+/-0.048 χ^2/NDF: 90749.4/18

Left In: -23.913+/-0.021 χ^2/NDF:5956.5/9

Left: -23.462+/-0.016 χ^2/NDF: 18173.9/20

Right: -32.504+/-0.000 χ^2/NDF: 203519.3/35

In: -32.504+/-0.000 χ^2/NDF:245224.0/26

Out: -22.948+/-0.021 χ^2/NDF:101965.9/29

All: -32.504+/-0.000 χ^2/NDF: 550376.2/56

dit_atr2_4aX_slope vs Slug, Sign Corrected

Right In: -1342.107+/-0.000 χ^2/NDF: 370901.4/16

Left Out: -1960.052+/-0.481 χ^2/NDF:14153.8/10

Right Out: -1496.932+/-0.000 χ^2/NDF: 504712.5/18

Left In: -1946.152+/-0.382 χ^2/NDF:15641.0/9

Left: -1951.532+/-0.299 χ^2/NDF: 30306.0/20

Right: -1396.751+/-0.000 χ^2/NDF: 1800086126763

In: -1342.107+/-0.000 χ^2/NDF:2881243.6/26

Out: -1496.932+/-0.000 χ^2/NDF:1444855.0/29

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: 2167.145+/-0.485 χ^2/NDF:27180.0/10

Right Out: 1706.739+/-0.302 χ^2/NDF: 837936.9/18

Left In: 2165.737+/-0.383 χ^2/NDF:35801.6/9

Left: 2166.278+/-0.300 χ^2/NDF: 62986.9/20

Right: 1873.852+/-0.000 χ^2/NDF: 1344906.8/35

In: 1873.852+/-0.000 χ^2/NDF:818521.6/26

Out: 1835.684+/-0.257 χ^2/NDF:1514357.1/29

All: 1873.852+/-0.000 χ^2/NDF: 2355007.2/56

dit_atr2_11X12X_slope vs Slug, Sign Corrected

Right In: -292.986+/-0.000 χ^2/NDF: 1015592.4/16

Left Out: -260.013+/-0.027 χ^2/NDF:190312.6/10

Right Out: -254.119+/-0.059 χ^2/NDF: 502658.5/18

Left In: -259.881+/-0.022 χ^2/NDF:238863.5/9

Left: -259.932+/-0.017 χ^2/NDF: 429190.3/20

Right: -292.986+/-0.000 χ^2/NDF: 1952225.7/35

In: -292.986+/-0.000 χ^2/NDF:3574165.6/26

Out: -258.973+/-0.025 χ^2/NDF:701191.6/29

All: -292.986+/-0.000 χ^2/NDF: 6159807.2/56

dit_atr2_4aY_slope vs Slug, Sign Corrected

Right In: -78.728+/-0.000 χ^2/NDF: 1399088.3/16

Left Out: -18.718+/-0.030 χ^2/NDF:20282.5/10

Right Out: -5.769+/-0.000 χ^2/NDF: 111570.1/18

Left In: -23.635+/-0.022 χ^2/NDF:215291.2/9

Left: -21.927+/-0.018 χ^2/NDF: 252675.6/20

Right: -6.288+/-0.000 χ^2/NDF: 2878797679293380

In: -78.728+/-0.000 χ^2/NDF:7798717.3/26

Out: -5.769+/-0.000 χ^2/NDF:313562.9/29

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: 123.736+/-0.033 χ^2/NDF:10440.3/10

Right Out: 138.002+/-0.059 χ^2/NDF: 117357.8/18

Left In: 125.575+/-0.033 χ^2/NDF:32119.5/9

Left: 124.645+/-0.023 χ^2/NDF: 44100.6/20

Right: 189.551+/-0.000 χ^2/NDF: 1806450.5/35

In: 189.551+/-0.000 χ^2/NDF:4649414.5/26

Out: 127.122+/-0.029 χ^2/NDF:172288.8/29

All: 189.551+/-0.000 χ^2/NDF: 9528225.2/56

dit_sam1_4aX_slope vs Slug, Sign Corrected

Right In: -1.007+/-0.000 χ^2/NDF: 7057.7/16

Left Out: 3.708+/-0.034 χ^2/NDF:774.2/10

Right Out: -11.872+/-0.000 χ^2/NDF: 503632.2/18

Left In: 2.548+/-0.021 χ^2/NDF:5839.0/9

Left: 2.860+/-0.018 χ^2/NDF: 7471.6/20

Right: -1.365+/-0.000 χ^2/NDF: 2170760676638215

In: -1.007+/-0.000 χ^2/NDF:42814.6/26

Out: -11.872+/-0.000 χ^2/NDF:716113.4/29

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: -16.946+/-0.033 χ^2/NDF:3913.1/10

Right Out: -2.410+/-0.000 χ^2/NDF: 203043.8/18

Left In: -16.513+/-0.022 χ^2/NDF:4864.5/9

Left: -16.643+/-0.018 χ^2/NDF: 8895.8/20

Right: -4.135+/-0.000 χ^2/NDF: 2879850560728951

In: -7.899+/-0.000 χ^2/NDF:200511.5/26

Out: -2.410+/-0.000 χ^2/NDF:397042.0/29

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: 0.310+/-0.000 χ^2/NDF:2114.9/10

Right Out: -0.107+/-0.000 χ^2/NDF: 219932.8/18

Left In: 0.310+/-0.000 χ^2/NDF:1995.6/9

Left: 0.310+/-0.000 χ^2/NDF: 4111.7/20

Right: -0.107+/-0.000 χ^2/NDF: 409026.8/35

In: 0.310+/-0.000 χ^2/NDF:4760.2/26

Out: -0.107+/-0.000 χ^2/NDF:1336444.5/29

All: -0.107+/-0.000 χ^2/NDF: 3078927.3/56

dit_sam1_4aY_slope vs Slug, Sign Corrected

Right In: -38.539+/-0.000 χ^2/NDF: 14950854.6/16

Left Out: -50.747+/-0.003 χ^2/NDF:211989.9/10

Right Out: -52.737+/-0.002 χ^2/NDF: 87430.2/18

Left In: -50.157+/-0.002 χ^2/NDF:153636.3/9

Left: -50.312+/-0.002 χ^2/NDF: 395428.0/20

Right: -38.539+/-0.000 χ^2/NDF: 72100834.2/35

In: -38.539+/-0.000 χ^2/NDF:59058568.8/26

Out: -52.157+/-0.002 χ^2/NDF:625987.5/29

All: -38.539+/-0.000 χ^2/NDF: 133758019.0/5

dit_sam1_4eY_slope vs Slug, Sign Corrected

Right In: -60.594+/-0.000 χ^2/NDF: 26122838.1/16

Left Out: 7.586+/-0.006 χ^2/NDF:65642.4/10

Right Out: 6.748+/-0.011 χ^2/NDF: 1266598.3/18

Left In: 7.482+/-0.004 χ^2/NDF:111772.1/9

Left: 7.511+/-0.003 χ^2/NDF: 177620.6/20

Right: -60.594+/-0.000 χ^2/NDF: 64778482.9/35

In: -60.594+/-0.000 χ^2/NDF:342964245.6/26

Out: 7.388+/-0.005 χ^2/NDF:1336656.7/29

All: -60.594+/-0.000 χ^2/NDF: 505417104.5/5

dit_sam2_4aX_slope vs Slug, Sign Corrected

Right In: 58.880+/-0.000 χ^2/NDF: 3814.7/16

Left Out: 79.599+/-0.514 χ^2/NDF:1142.9/10

Right Out: 95.846+/-0.000 χ^2/NDF: 39385.0/18

Left In: 56.835+/-0.339 χ^2/NDF:4439.7/9

Left: 63.726+/-0.283 χ^2/NDF: 6947.9/20

Right: 60.098+/-0.000 χ^2/NDF: 9815233945666380

In: 58.880+/-0.000 χ^2/NDF:8290.8/26

Out: 95.846+/-0.000 χ^2/NDF:41525.2/29

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: -279.136+/-0.504 χ^2/NDF:3015.0/10

Right Out: -498.692+/-0.000 χ^2/NDF: 511870.8/18

Left In: -258.035+/-0.345 χ^2/NDF:4038.1/9

Left: -264.750+/-0.284 χ^2/NDF: 8246.8/20

Right: -498.692+/-0.000 χ^2/NDF: 918780.8/35

In: -319.746+/-0.199 χ^2/NDF:93583.0/26

Out: -498.692+/-0.000 χ^2/NDF:704442.1/29

All: -498.692+/-0.000 χ^2/NDF: 1603304.8/56

dit_sam2_11X12X_slope vs Slug, Sign Corrected

Right In: 1.930+/-0.000 χ^2/NDF: 59970.9/16

Left Out: 0.663+/-0.003 χ^2/NDF:687.6/10

Right Out: 3.123+/-0.000 χ^2/NDF: 512565.5/18

Left In: 0.542+/-0.002 χ^2/NDF:10903.4/9

Left: 0.580+/-0.002 χ^2/NDF: 12549.4/20

Right: 2.073+/-0.000 χ^2/NDF: 38099534578085305

In: 1.930+/-0.000 χ^2/NDF:480325.6/26

Out: 3.123+/-0.000 χ^2/NDF:1091769.9/29

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: 13.685+/-0.011 χ^2/NDF:72166.3/10

Right Out: 17.458+/-0.018 χ^2/NDF: 99308.5/18

Left In: 15.087+/-0.009 χ^2/NDF:7922.1/9

Left: 14.499+/-0.007 χ^2/NDF: 89355.7/20

Right: 54.556+/-0.000 χ^2/NDF: 11453944.4/35

In: 54.556+/-0.000 χ^2/NDF:24737300.7/26

Out: 14.700+/-0.009 χ^2/NDF:202599.8/29

All: 54.556+/-0.000 χ^2/NDF: 42600594.2/56

dit_sam2_4eY_slope vs Slug, Sign Corrected

Right In: -382.108+/-0.000 χ^2/NDF: 18398024.3/16

Left Out: -208.654+/-0.021 χ^2/NDF:59917.3/10

Right Out: -483.800+/-0.000 χ^2/NDF: 24338683.6/18

Left In: -208.387+/-0.019 χ^2/NDF:13970.4/9

Left: -208.508+/-0.014 χ^2/NDF: 73977.1/20

Right: -417.999+/-0.000 χ^2/NDF: 12425488813367

In: -382.108+/-0.000 χ^2/NDF:102194276.7/26

Out: -483.800+/-0.000 χ^2/NDF:198425349.1/29

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: -10.504+/-0.522 χ^2/NDF:1260.8/10

Right Out: -26.577+/-0.000 χ^2/NDF: 2640.9/18

Left In: -33.096+/-0.354 χ^2/NDF:5346.9/9

Left: -25.975+/-0.293 χ^2/NDF: 7890.7/20

Right: -26.530+/-0.000 χ^2/NDF: 412159279654659

In: -26.504+/-0.000 χ^2/NDF:6874.2/26

Out: -26.577+/-0.000 χ^2/NDF:4850.0/29

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: -99.057+/-0.509 χ^2/NDF:2654.9/10

Right Out: -83.099+/-0.178 χ^2/NDF: 11915.8/18

Left In: -76.002+/-0.351 χ^2/NDF:4141.8/9

Left: -83.429+/-0.289 χ^2/NDF: 8185.5/20

Right: -79.376+/-0.000 χ^2/NDF: 13657.0/35

In: -79.376+/-0.000 χ^2/NDF:5538.8/26

Out: -84.839+/-0.168 χ^2/NDF:15445.3/29

All: -79.376+/-0.000 χ^2/NDF: 22039.1/56

dit_sam3_11X12X_slope vs Slug, Sign Corrected

Right In: 0.521+/-0.000 χ^2/NDF: 3370.8/16

Left Out: 0.449+/-0.004 χ^2/NDF:1986.8/10

Right Out: 0.403+/-0.011 χ^2/NDF: 2727.5/18

Left In: 0.391+/-0.002 χ^2/NDF:7379.2/9

Left: 0.406+/-0.002 χ^2/NDF: 9544.5/20

Right: 0.521+/-0.000 χ^2/NDF: 6215.1/35

In: 0.521+/-0.000 χ^2/NDF:14202.7/26

Out: 0.444+/-0.003 χ^2/NDF:4729.9/29

All: 0.521+/-0.000 χ^2/NDF: 19416.5/56

dit_sam3_4aY_slope vs Slug, Sign Corrected

Right In: -2.320+/-0.000 χ^2/NDF: 270771.9/16

Left Out: -6.855+/-0.005 χ^2/NDF:2499.9/10

Right Out: -4.864+/-0.010 χ^2/NDF: 49380.5/18

Left In: -6.874+/-0.004 χ^2/NDF:5086.4/9

Left: -6.867+/-0.003 χ^2/NDF: 7596.2/20

Right: -2.320+/-0.000 χ^2/NDF: 381161.7/35

In: -2.320+/-0.000 χ^2/NDF:1716573.7/26

Out: -6.500+/-0.004 χ^2/NDF:82546.6/29

All: -2.320+/-0.000 χ^2/NDF: 2722168.2/56

dit_sam3_4eY_slope vs Slug, Sign Corrected

Right In: 11.268+/-0.000 χ^2/NDF: 958029.3/16

Left Out: 29.867+/-0.016 χ^2/NDF:4989.3/10

Right Out: 37.191+/-0.000 χ^2/NDF: 1121929.1/18

Left In: 29.689+/-0.012 χ^2/NDF:3031.7/9

Left: 29.753+/-0.009 χ^2/NDF: 8105.2/20

Right: 12.122+/-0.000 χ^2/NDF: 7723055694978834

In: 11.268+/-0.000 χ^2/NDF:3499760.6/26

Out: 37.191+/-0.000 χ^2/NDF:1349960.1/29

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: 78.429+/-0.543 χ^2/NDF:1631.8/10

Right Out: 54.427+/-0.170 χ^2/NDF: 53998.7/18

Left In: 59.635+/-0.356 χ^2/NDF:4389.4/9

Left: 65.297+/-0.298 χ^2/NDF: 6859.4/20

Right: -4.139+/-0.000 χ^2/NDF: 177029.3/35

In: -4.139+/-0.000 χ^2/NDF:41079.0/26

Out: 56.577+/-0.162 χ^2/NDF:57411.9/29

All: -4.139+/-0.000 χ^2/NDF: 238240.9/56

dit_sam4_4eX_slope vs Slug, Sign Corrected

Right In: -124.095+/-0.000 χ^2/NDF: 38152.5/16

Left Out: -264.763+/-0.534 χ^2/NDF:3140.4/10

Right Out: -273.143+/-0.113 χ^2/NDF: 280141.9/18

Left In: -248.584+/-0.348 χ^2/NDF:3105.7/9

Left: -253.420+/-0.292 χ^2/NDF: 6890.6/20

Right: -124.095+/-0.000 χ^2/NDF: 2066776.4/35

In: -124.095+/-0.000 χ^2/NDF:168911.9/26

Out: -272.785+/-0.110 χ^2/NDF:283518.5/29

All: -124.095+/-0.000 χ^2/NDF: 2270171.7/56

dit_sam4_11X12X_slope vs Slug, Sign Corrected

Right In: 0.888+/-0.000 χ^2/NDF: 8672.0/16

Left Out: 0.592+/-0.004 χ^2/NDF:1943.6/10

Right Out: -0.226+/-0.000 χ^2/NDF: 5031.1/18

Left In: 0.587+/-0.003 χ^2/NDF:2609.9/9

Left: 0.589+/-0.002 χ^2/NDF: 4554.4/20

Right: 0.888+/-0.000 χ^2/NDF: 422220530.0/35

In: 0.888+/-0.000 χ^2/NDF:21830.3/26

Out: -0.226+/-0.000 χ^2/NDF:50639.8/29

All: 0.888+/-0.000 χ^2/NDF: 422241342.5/56

dit_sam4_4aY_slope vs Slug, Sign Corrected

Right In: 4.057+/-0.000 χ^2/NDF: 1247888.2/16

Left Out: -18.197+/-0.020 χ^2/NDF:75402.5/10

Right Out: -22.885+/-0.026 χ^2/NDF: 116508.9/18

Left In: -20.161+/-0.015 χ^2/NDF:19224.4/9

Left: -19.451+/-0.012 χ^2/NDF: 101041.1/20

Right: 4.057+/-0.000 χ^2/NDF: 2412173.4/35

In: 4.057+/-0.000 χ^2/NDF:3968451.6/26

Out: -19.869+/-0.016 χ^2/NDF:212320.5/29

All: 4.057+/-0.000 χ^2/NDF: 6498047.8/56

dit_sam4_4eY_slope vs Slug, Sign Corrected

Right In: 158.293+/-0.000 χ^2/NDF: 2410913.3/16

Left Out: 265.824+/-0.045 χ^2/NDF:181495.6/10

Right Out: 175.536+/-0.000 χ^2/NDF: 2100196.2/18

Left In: 261.934+/-0.037 χ^2/NDF:37611.4/9

Left: 263.504+/-0.029 χ^2/NDF: 223539.4/20

Right: 172.618+/-0.000 χ^2/NDF: 373727491225928

In: 158.293+/-0.000 χ^2/NDF:10249512.9/26

Out: 175.536+/-0.000 χ^2/NDF:6285452.5/29

All: 172.618+/-0.000 χ^2/NDF: 373727491225

dit_sam5_4aX_slope vs Slug, Sign Corrected

Right In: 3.778+/-0.000 χ^2/NDF: 6871.4/16

Left Out: 10.923+/-0.040 χ^2/NDF:1596.3/10

Right Out: 5.756+/-0.026 χ^2/NDF: 22291.6/18

Left In: 8.884+/-0.038 χ^2/NDF:2282.1/9

Left: 9.866+/-0.028 χ^2/NDF: 5237.7/20

Right: 3.778+/-0.000 χ^2/NDF: 35056.1/35

In: 3.778+/-0.000 χ^2/NDF:26850.0/26

Out: 7.281+/-0.022 χ^2/NDF:35765.1/29

All: 3.778+/-0.000 χ^2/NDF: 88846.9/56

dit_sam5_4eX_slope vs Slug, Sign Corrected

Right In: -0.287+/-0.000 χ^2/NDF: 44276.5/16

Left Out: -2.473+/-0.039 χ^2/NDF:7830.3/10

Right Out: -5.882+/-0.027 χ^2/NDF: 63493.9/18

Left In: -2.240+/-0.039 χ^2/NDF:11327.5/9

Left: -2.355+/-0.028 χ^2/NDF: 19175.5/20

Right: -0.287+/-0.000 χ^2/NDF: 150060.6/35

In: -0.287+/-0.000 χ^2/NDF:58126.6/26

Out: -4.779+/-0.022 χ^2/NDF:76403.0/29

All: -0.287+/-0.000 χ^2/NDF: 174827.2/56

dit_sam5_11X12X_slope vs Slug, Sign Corrected

Right In: 0.193+/-0.000 χ^2/NDF: 10027.5/16

Left Out: 0.319+/-0.001 χ^2/NDF:1121.7/10

Right Out: 0.280+/-0.001 χ^2/NDF: 6059.0/18

Left In: 0.336+/-0.001 χ^2/NDF:2133.4/9

Left: 0.328+/-0.001 χ^2/NDF: 3508.8/20

Right: 0.193+/-0.000 χ^2/NDF: 19578.7/35

In: 0.193+/-0.000 χ^2/NDF:50021.0/26

Out: 0.311+/-0.001 χ^2/NDF:7730.8/29

All: 0.193+/-0.000 χ^2/NDF: 89455.5/56

dit_sam5_4aY_slope vs Slug, Sign Corrected

Right In: 35.664+/-0.011 χ^2/NDF: 218662.5/16

Left Out: 32.391+/-0.006 χ^2/NDF:2634.5/10

Right Out: 89.735+/-0.000 χ^2/NDF: 25801560.6/18

Left In: 32.387+/-0.005 χ^2/NDF:3828.1/9

Left: 32.388+/-0.004 χ^2/NDF: 6462.8/20

Right: 89.735+/-0.000 χ^2/NDF: 48650023.7/35

In: 32.836+/-0.004 χ^2/NDF:294214.2/26

Out: 89.735+/-0.000 χ^2/NDF:116036080.2/29

All: 89.735+/-0.000 χ^2/NDF: 299145376.8/56

dit_sam5_4eY_slope vs Slug, Sign Corrected

Right In: 81.005+/-0.035 χ^2/NDF: 2228881.4/16

Left Out: 117.865+/-0.014 χ^2/NDF:127763.7/10

Right Out: 27.798+/-0.000 χ^2/NDF: 9183707.8/18

Left In: 116.854+/-0.010 χ^2/NDF:40354.1/9

Left: 117.199+/-0.008 χ^2/NDF: 171643.2/20

Right: 27.798+/-0.000 χ^2/NDF: 13786729.0/35

In: 114.106+/-0.010 χ^2/NDF:3264332.9/26

Out: 27.798+/-0.000 χ^2/NDF:51833135.8/29

All: 27.798+/-0.000 χ^2/NDF: 136584652.1/56

dit_sam6_4aX_slope vs Slug, Sign Corrected

Right In: 48.450+/-0.000 χ^2/NDF: 2751.4/16

Left Out: 77.346+/-0.257 χ^2/NDF:1019.4/10

Right Out: 27.342+/-0.000 χ^2/NDF: 25810.4/18

Left In: 65.918+/-0.191 χ^2/NDF:3741.6/9

Left: 69.967+/-0.153 χ^2/NDF: 6034.5/20

Right: 28.365+/-0.000 χ^2/NDF: 1026290104888328

In: 48.450+/-0.000 χ^2/NDF:14892.8/26

Out: 27.342+/-0.000 χ^2/NDF:64592.8/29

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: -11.479+/-0.254 χ^2/NDF:1305.6/10

Right Out: -5.568+/-0.000 χ^2/NDF: 23097.3/18

Left In: 0.240+/-0.188 χ^2/NDF:3368.5/9

Left: -3.926+/-0.151 χ^2/NDF: 6048.3/20

Right: -5.568+/-0.000 χ^2/NDF: 42808.5/35

In: -11.512+/-0.117 χ^2/NDF:21430.9/26

Out: -5.568+/-0.000 χ^2/NDF:24945.5/29

All: -5.568+/-0.000 χ^2/NDF: 48974.5/56

dit_sam6_11X12X_slope vs Slug, Sign Corrected

Right In: 0.830+/-0.000 χ^2/NDF: 14882.7/16

Left Out: 0.531+/-0.002 χ^2/NDF:930.5/10

Right Out: 0.227+/-0.000 χ^2/NDF: 11819.9/18

Left In: 0.505+/-0.001 χ^2/NDF:5891.5/9

Left: 0.516+/-0.001 χ^2/NDF: 6966.2/20

Right: 0.289+/-0.000 χ^2/NDF: 29066082561457147

In: 0.830+/-0.000 χ^2/NDF:78412.8/26

Out: 0.227+/-0.000 χ^2/NDF:46662.0/29

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: 17.651+/-0.008 χ^2/NDF:69641.3/10

Right Out: 23.023+/-0.009 χ^2/NDF: 165838.0/18

Left In: 17.922+/-0.008 χ^2/NDF:10777.6/9

Left: 17.788+/-0.006 χ^2/NDF: 80974.9/20

Right: 22.790+/-0.006 χ^2/NDF: 272655.1/35

In: 19.898+/-0.006 χ^2/NDF:257230.7/26

Out: 20.065+/-0.006 χ^2/NDF:429605.1/29

All: 19.982+/-0.004 χ^2/NDF: 687212.9/56

dit_sam6_4eY_slope vs Slug, Sign Corrected

Right In: -2.596+/-0.000 χ^2/NDF: 7395182.7/16

Left Out: 99.171+/-0.015 χ^2/NDF:68045.6/10

Right Out: 1.758+/-0.000 χ^2/NDF: 4230949.4/18

Left In: 98.585+/-0.014 χ^2/NDF:16308.9/9

Left: 98.858+/-0.010 χ^2/NDF: 85164.9/20

Right: -1.059+/-0.000 χ^2/NDF: 3731791751577379

In: -2.596+/-0.000 χ^2/NDF:59336163.5/26

Out: 1.758+/-0.000 χ^2/NDF:46228487.5/29

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: 90.312+/-0.102 χ^2/NDF:1437.2/10

Right Out: 93.762+/-0.000 χ^2/NDF: 82848.8/18

Left In: 85.895+/-0.071 χ^2/NDF:5467.4/9

Left: 87.336+/-0.058 χ^2/NDF: 8170.5/20

Right: 87.169+/-0.000 χ^2/NDF: 1995684404141260

In: 83.573+/-0.000 χ^2/NDF:56007.9/26

Out: 93.762+/-0.000 χ^2/NDF:85432.8/29

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: -135.550+/-0.101 χ^2/NDF:2379.2/10

Right Out: -133.456+/-0.000 χ^2/NDF: 394896.3/18

Left In: -130.217+/-0.070 χ^2/NDF:4649.9/9

Left: -131.927+/-0.057 χ^2/NDF: 8906.3/20

Right: -124.716+/-0.000 χ^2/NDF: 64467869901657

In: -123.524+/-0.000 χ^2/NDF:174222.3/26

Out: -133.456+/-0.000 χ^2/NDF:397701.6/29

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: 0.414+/-0.001 χ^2/NDF:1162.4/10

Right Out: 0.354+/-0.002 χ^2/NDF: 4592.7/18

Left In: 0.404+/-0.001 χ^2/NDF:5417.7/9

Left: 0.408+/-0.000 χ^2/NDF: 6679.1/20

Right: 0.376+/-0.000 χ^2/NDF: 8762.1/35

In: 0.376+/-0.000 χ^2/NDF:12013.2/26

Out: 0.402+/-0.001 χ^2/NDF:7000.3/29

All: 0.376+/-0.000 χ^2/NDF: 20462.5/56

dit_sam7_4aY_slope vs Slug, Sign Corrected

Right In: 7.032+/-0.000 χ^2/NDF: 19770.1/16

Left Out: 7.121+/-0.001 χ^2/NDF:14254.1/10

Right Out: 7.233+/-0.002 χ^2/NDF: 10061.8/18

Left In: 7.195+/-0.001 χ^2/NDF:9017.2/9

Left: 7.165+/-0.001 χ^2/NDF: 25244.2/20

Right: 7.032+/-0.000 χ^2/NDF: 36990.7/35

In: 7.032+/-0.000 χ^2/NDF:52196.5/26

Out: 7.146+/-0.001 χ^2/NDF:26035.4/29

All: 7.032+/-0.000 χ^2/NDF: 88345.2/56

dit_sam7_4eY_slope vs Slug, Sign Corrected

Right In: -10.092+/-0.000 χ^2/NDF: 543504.2/16

Left Out: -11.373+/-0.002 χ^2/NDF:359321.1/10

Right Out: -12.509+/-0.004 χ^2/NDF: 103509.4/18

Left In: -12.055+/-0.002 χ^2/NDF:14602.5/9

Left: -11.770+/-0.002 χ^2/NDF: 422618.8/20

Right: -10.092+/-0.000 χ^2/NDF: 1062248.5/35

In: -10.092+/-0.000 χ^2/NDF:1521914.3/26

Out: -11.695+/-0.002 χ^2/NDF:528563.3/29

All: -10.092+/-0.000 χ^2/NDF: 2694905.7/56

dit_sam8_4aX_slope vs Slug, Sign Corrected

Right In: 57.510+/-0.000 χ^2/NDF: 8108.6/16

Left Out: 62.930+/-0.059 χ^2/NDF:2359.4/10

Right Out: 66.645+/-0.013 χ^2/NDF: 8163.8/18

Left In: 61.145+/-0.043 χ^2/NDF:4991.1/9

Left: 61.761+/-0.035 χ^2/NDF: 7940.0/20

Right: 57.510+/-0.000 χ^2/NDF: 504438.3/35

In: 57.510+/-0.000 χ^2/NDF:20196.6/26

Out: 66.474+/-0.013 χ^2/NDF:14245.5/29

All: 57.510+/-0.000 χ^2/NDF: 527190.2/56

dit_sam8_4eX_slope vs Slug, Sign Corrected

Right In: -74.974+/-0.000 χ^2/NDF: 130544.0/16

Left Out: -95.690+/-0.060 χ^2/NDF:2358.4/10

Right Out: -102.430+/-0.018 χ^2/NDF: 50377.5/18

Left In: -94.648+/-0.044 χ^2/NDF:5365.4/9

Left: -95.009+/-0.035 χ^2/NDF: 7920.3/20

Right: -74.974+/-0.000 χ^2/NDF: 2556524.2/35

In: -74.974+/-0.000 χ^2/NDF:337954.0/26

Out: -101.886+/-0.017 χ^2/NDF:64296.8/29

All: -74.974+/-0.000 χ^2/NDF: 2885108.2/56

dit_sam8_11X12X_slope vs Slug, Sign Corrected

Right In: 0.541+/-0.000 χ^2/NDF: 29180.5/16

Left Out: 0.379+/-0.001 χ^2/NDF:1347.5/10

Right Out: 0.030+/-0.000 χ^2/NDF: 121659.5/18

Left In: 0.376+/-0.000 χ^2/NDF:4019.3/9

Left: 0.377+/-0.000 χ^2/NDF: 5384.6/20

Right: 0.030+/-0.000 χ^2/NDF: 23314297700963382

In: 0.541+/-0.000 χ^2/NDF:208866.9/26

Out: 0.030+/-0.000 χ^2/NDF:515327.2/29

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: -49.180+/-0.002 χ^2/NDF:319410.8/10

Right Out: -52.684+/-0.003 χ^2/NDF: 56125.8/18

Left In: -49.002+/-0.001 χ^2/NDF:502777.3/9

Left: -49.058+/-0.001 χ^2/NDF: 828882.2/20

Right: -52.231+/-0.002 χ^2/NDF: 188721.6/35

In: -49.668+/-0.001 χ^2/NDF:1870733.2/26

Out: -50.339+/-0.001 χ^2/NDF:1629520.3/29

All: -49.900+/-0.001 χ^2/NDF: 3636125.5/56

dit_sam8_4eY_slope vs Slug, Sign Corrected

Right In: 47.545+/-0.000 χ^2/NDF: 3491700.1/16

Left Out: 55.279+/-0.004 χ^2/NDF:222247.3/10

Right Out: 63.095+/-0.007 χ^2/NDF: 333637.2/18

Left In: 54.843+/-0.003 χ^2/NDF:80320.2/9

Left: 54.984+/-0.002 χ^2/NDF: 309675.2/20

Right: 47.545+/-0.000 χ^2/NDF: 8155028.5/35

In: 47.545+/-0.000 χ^2/NDF:9709313.5/26

Out: 57.194+/-0.004 χ^2/NDF:1381701.1/29

All: 47.545+/-0.000 χ^2/NDF: 17895615.5/56

dit_4aX_coil1_mean vs Slug, Sign Corrected

Left: 22.067+/-0.000 χ^2/NDF: 3957158763700661
Right In: -289.322+/-0.000 χ^2/NDF: 53696816404848914786495853921839349 76.0/14
Right: -11.129+/-0.000 χ^2/NDF: 108768514077982
Left Out: -462.846+/-0.000 χ^2/NDF:408177720115210190725399500761438 6176.0/10
In: 158.012+/-0.000 χ^2/NDF:2354169503077397
Right Out: 259.558+/-0.000 χ^2/NDF: 429988679269212397078456398377071 4112.0/15
Out: -142.472+/-0.000 χ^2/NDF:202096889000594
Left In: 499.564+/-0.000 χ^2/NDF:101817301666634831812691088412298 4448.0/9
All: 7.520+/-0.000 χ^2/NDF: 5052990458616

dit_4aX_coil1_err_mean vs Slug, Sign Corrected

Left: -0.174+/-0.000 χ^2/NDF: 10975690864000508

Right In: 5.270+/-0.000 χ^2/NDF: 87096832921237983305509067900846 08.0/14

Right: 0.201+/-0.000 χ^2/NDF: 4846795516854343 9

Left Out: 7.470+/-0.000 χ^2/NDF:616578352840032957232585465502 1056.0/10

In: -2.086+/-0.000 χ^2/NDF:771417466754382041

Right Out: -4.732+/-0.000 χ^2/NDF: 685689307257521156280228142645 2480.0/15

Out: 2.059+/-0.000 χ^2/NDF:682890063442338913

Left In: -7.702+/-0.000 χ^2/NDF:650944632833245577989956220590 4896.0/9

All: -0.010+/-0.000 χ^2/NDF: 1583287701537

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -45.990+/-0.000 χ^2/NDF: 2485325999747114

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576

Left Out: 1162.918+/-0.000 χ^2/NDF:2854362208512988010785537128608563200 0.0/10

In: -248.015+/-0.000 χ^2/NDF:1971818157373371

Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 199.509+/-0.000 χ^2/NDF:1824880513572086

Left In: -1236.408+/-0.000 χ^2/NDF:2901121548747949950139282389848398233 6.0/9

All: -23.880+/-0.000 χ^2/NDF: 394705719851

dit_4eX_coil1_mean vs Slug, Sign Corrected

Left: 22.127+/-0.000 χ^2/NDF: 3875152933994830
Right In: -285.187+/-0.000 χ^2/NDF: 4479585262853549838092521921291747328.0/14
Right: -10.589+/-0.000 χ^2/NDF: 104681795299957
Left Out: -456.907+/-0.000 χ^2/NDF:4861285875198403414205090078977425408.0/10
In: 156.554+/-0.000 χ^2/NDF:2292689584522430
Right Out: 256.599+/-0.000 χ^2/NDF: 3648271535971039165952602563191767040.0/15
Out: -140.479+/-0.000 χ^2/NDF:197482288511581
Left In: 493.836+/-0.000 χ^2/NDF:1451761581329012090508054550588424192.0/9
All: 7.790+/-0.000 χ^2/NDF: 4929883795030

dit_4eX_coil1_err_mean vs Slug, Sign Corrected

Left: -0.151+/-0.000 χ^2/NDF: 94797716219097842

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: 6.989+/-0.000 χ^2/NDF:49205908346852843298158060503040000.0/10

In: -1.926+/-0.000 χ^2/NDF:69892305650103563 6

Right Out: -4.429+/-0.000 χ^2/NDF: 83714404003345245711317967726182 40.0/15

Out: 1.926+/-0.000 χ^2/NDF:6168731802857569 22

Left In: -7.183+/-0.000 χ^2/NDF:5176964626841566910242899756056576.0/9

All: 0.003+/-0.000 χ^2/NDF: 1427156017083 6

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -45.990+/-0.000 χ^2/NDF: 2485325999747114

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576

Left Out: 1162.918+/-0.000 χ^2/NDF:2854362208512988010785537128608563200 0.0/10

In: -248.015+/-0.000 χ^2/NDF:1971818157373371

Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 199.509+/-0.000 χ^2/NDF:1824880513572086

Left In: -1236.408+/-0.000 χ^2/NDF:2901121548747949950139282389848398233 6.0/9

All: -23.880+/-0.000 χ^2/NDF: 394705719851

dit_11X12X_coil1_mean vs Slug, Sign Corrected

Left: 9.918+/-0.000 χ^2/NDF: 864386051069173645

Right In: -210.261+/-0.000 χ^2/NDF: 567711076568068409192467700494893056.0/14

Right: -3.979+/-0.000 χ^2/NDF: 5596508618889263

Left Out: -217.060+/-0.000 χ^2/NDF:694637442687671614023973344076890112.0/10

In: 41.328+/-0.000 χ^2/NDF:73174338761894102

Right Out: 196.736+/-0.000 χ^2/NDF: 909588895093044840633640514790359040.0/15

Out: -33.548+/-0.000 χ^2/NDF:6516316122775868

Left In: 233.424+/-0.000 χ^2/NDF:161019199209953385726327700318060544.0/9

All: 3.828+/-0.000 χ^2/NDF: 1425464640273

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected

Left: 0.035+/-0.000 χ^2/NDF: 23419245995366886
Right In: 6.842+/-0.000 χ^2/NDF: 935593416682332446731664762077184 0.0/14
Right: 0.484+/-0.000 χ^2/NDF: 64278461955509291
Left Out: 11.353+/-0.000 χ^2/NDF:17003204421440947695366998146940928.0/10
In: -3.338+/-0.000 χ^2/NDF:132338985047016209
Right Out: -5.701+/-0.000 χ^2/NDF: 317469339830095339313773179148697 6.0/15
Out: 3.790+/-0.000 χ^2/NDF:12814134727392127
Left In: -11.110+/-0.000 χ^2/NDF:43921443032947843660562299669708 80.0/9
All: 0.232+/-0.000 χ^2/NDF: 2986200920062

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -45.990+/-0.000 χ^2/NDF: 2485325999747114
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1162.918+/-0.000 χ^2/NDF:2854362208512988010785537128608563200 0.0/10
In: -248.015+/-0.000 χ^2/NDF:1971818157373371
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 199.509+/-0.000 χ^2/NDF:1824880513572086
Left In: -1236.408+/-0.000 χ^2/NDF:2901121548747949950139282389848398233 6.0/9
All: -23.880+/-0.000 χ^2/NDF: 394705719851

dit_4aY_coil1_mean vs Slug, Sign Corrected

Left: 0.127+/-0.000 χ^2/NDF: 366751296475142432

Right In: 2.171+/-0.000 χ^2/NDF: 35998192469099756784104996916428 80.0/14

Right: -0.018+/-0.000 χ^2/NDF: 1282950255194488

Left Out: 4.136+/-0.000 χ^2/NDF:42120934472236672985738794877583 36.0/10

In: -1.226+/-0.000 χ^2/NDF:225779006932239931

Right Out: -2.148+/-0.000 χ^2/NDF: 30938873362393789596063219318784 00.0/15

Out: 1.349+/-0.000 χ^2/NDF:219622845979451731

Left In: -3.820+/-0.000 χ^2/NDF:57664766147675638810010255674572 80.0/9

All: 0.064+/-0.000 χ^2/NDF: 4952014751003 4

dit_4aY_coil1_err_mean vs Slug, Sign Corrected

Left: -0.029+/-0.000 χ^2/NDF: 61632971544282777

Right In: 1.691+/-0.000 χ^2/NDF: 612163393317609859674079412355072.0/14

Right: 0.093+/-0.000 χ^2/NDF: 43263312753970357

Left Out: 1.872+/-0.000 χ^2/NDF:7665632863706948738947488730316 8.0/10

In: -0.346+/-0.000 χ^2/NDF:544472370376809091

Right Out: -1.462+/-0.000 χ^2/NDF: 444384511662519040022371754835968.0/15

Out: 0.393+/-0.000 χ^2/NDF:46461138851999740 1

Left In: -1.901+/-0.000 χ^2/NDF:8617072411606607811242880925696 0.0/9

All: 0.024+/-0.000 χ^2/NDF: 1050059875003 7

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -45.990+/-0.000 χ^2/NDF: 2485325999747114

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576

Left Out: 1162.918+/-0.000 χ^2/NDF:2854362208512988010785537128608563200 0.0/10

In: -248.015+/-0.000 χ^2/NDF:1971818157373371

Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 199.509+/-0.000 χ^2/NDF:1824880513572086

Left In: -1236.408+/-0.000 χ^2/NDF:2901121548747949950139282389848398233 6.0/9

All: -23.880+/-0.000 χ^2/NDF: 394705719851

dit_4eY_coil1_mean vs Slug, Sign Corrected

Left: -0.276+/-0.000 χ^2/NDF: 40112980982961266

Right In: 3.181+/-0.000 χ^2/NDF: 58333032278682526177045663941918 72.0/14

Right: 0.032+/-0.000 χ^2/NDF: 23467771565313990

Left Out: 4.118+/-0.000 χ^2/NDF:18843012811894334574129648028876 80.0/10

In: -1.233+/-0.000 χ^2/NDF:34284878107475097 0

Right Out: -3.032+/-0.000 χ^2/NDF: 49372098313717939454965468333342 72.0/15

Out: 0.947+/-0.000 χ^2/NDF:25798116069124015 9

Left In: -4.603+/-0.000 χ^2/NDF:61535610264181142377738689262387 20.0/9

All: -0.141+/-0.000 χ^2/NDF: 6365092733194

dit_4eY_coil1_err_mean vs Slug, Sign Corrected

Left: -0.023+/-0.000 χ^2/NDF: 63470196718007071

Right In: 1.607+/-0.000 χ^2/NDF: 46094962864014818418120573583360 0.0/14

Right: 0.091+/-0.000 χ^2/NDF: 37590279045296247

Left Out: 1.902+/-0.000 χ^2/NDF:902452044401427043386347780833 28.0/10

In: -0.393+/-0.000 χ^2/NDF:513281605251610137

Right Out: -1.383+/-0.000 χ^2/NDF: 35834889701628620095765033779200 0.0/15

Out: 0.445+/-0.000 χ^2/NDF:44550778495528645 2

Left In: -1.920+/-0.000 χ^2/NDF:95117631459235789172080944087040.0/9

All: 0.027+/-0.000 χ^2/NDF: 10115804140332

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -45.990+/-0.000 χ^2/NDF: 2485325999747114

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576

Left Out: 1162.918+/-0.000 χ^2/NDF:2854362208512988010785537128608563200 0.0/10

In: -248.015+/-0.000 χ^2/NDF:1971818157373371

Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 199.509+/-0.000 χ^2/NDF:1824880513572086

Left In: -1236.408+/-0.000 χ^2/NDF:2901121548747949950139282389848398233 6.0/9

All: -23.880+/-0.000 χ^2/NDF: 394705719851

dit_usl_coil1_mean vs Slug, Sign Corrected

Left: -2624.669+/-0.000 χ^2/NDF: 16210734326586

Right In: 17988.185+/-0.000 χ^2/NDF: 248151118099842171035440012375529525084 16.0/14

Right: 804.617+/-0.000 χ^2/NDF: 422864756621879

Left Out: 30325.933+/-0.000 χ^2/NDF:211554923716127394472432135982895910092 80.0/9

In: -10626.151+/-0.000 χ^2/NDF:968493466797151

Right Out: -15915.227+/-0.000 χ^2/NDF: 199541896747059527070422874160872239923 20.0/15

Out: 8862.569+/-0.000 χ^2/NDF:805327638118398

Left In: -32474.038+/-0.000 χ^2/NDF:655934864730551454089171942596025935 4624.0/9

All: -1087.564+/-0.000 χ^2/NDF: 2052477487

dit_usl_coil1_err_mean vs Slug, Sign Corrected

Left: -61.609+/-0.000 χ^2/NDF: 9120757475188281
Right In: 369.169+/-0.000 χ^2/NDF: 48053036789565485994195833341370957824.0/14
Right: -5.517+/-0.000 χ^2/NDF: 2760339889261500
Left Out: 695.820+/-0.000 χ^2/NDF:32710848952179202564417068654298923008.0/9
In: -264.174+/-0.000 χ^2/NDF:5445965577686501
Right Out: -370.091+/-0.000 χ^2/NDF: 48214462907052107543037037125316902912.0/15
Out: 201.065+/-0.000 χ^2/NDF:486996019720817
Left In: -747.750+/-0.000 χ^2/NDF:37445615414902432718910882722749612032.0/9
All: -36.467+/-0.000 χ^2/NDF: 119039436821

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -89.620+/-0.000 χ^2/NDF: 2407677221311874
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1176.314+/-0.000 χ^2/NDF:2681723358183071998882475961895144652 8.0/9
In: -248.015+/-0.000 χ^2/NDF:1971818157373371
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 161.769+/-0.000 χ^2/NDF:1778935165863832
Left In: -1236.408+/-0.000 χ^2/NDF:2901121548747949950139282389848398233 6.0/9
All: -47.450+/-0.000 χ^2/NDF: 387395397193

dit_usr_coil1_mean vs Slug, Sign Corrected

Left: 1248.147+/-0.000 χ^2/NDF: 130893179774256

Right In: -18100.637+/-0.000 χ^2/NDF: 1463496754617358696763204076542869949644 8.0/14

Right: -425.015+/-0.000 χ^2/NDF: 42892863582613

Left Out: -26596.683+/-0.000 χ^2/NDF:1611102646585967913594412526746111836160 0.0/10

In: 8418.769+/-0.000 χ^2/NDF:824395052409335 4

Right Out: 16773.604+/-0.000 χ^2/NDF: 1423454793113581227747434288656836617830 4.0/15

Out: -7362.653+/-0.000 χ^2/NDF:7285587746562 6

Left In: 28667.116+/-0.000 χ^2/NDF:4835865440118443056134270194868476182528.0/9

All: 514.920+/-0.000 χ^2/NDF: 1739930058 72

dit_usr_coil1_err_mean vs Slug, Sign Corrected

Right In: 540.663+/-0.000 χ^2/NDF: 6454681969598677472167878508297584640 0.0/14

Left Out: 727.801+/-0.000 χ^2/NDF:404335193541521618267270600470822912 00.0/10

Right Out: -477.546+/-0.000 χ^2/NDF: 3879830650429695446153711680976060416 0.0/15

Left In: -724.866+/-0.000 χ^2/NDF:323601796088777681904628058656625131 52.0/9

Left: -4.130+/-0.000 χ^2/NDF: 96273604780984527

Right: 24.595+/-0.000 χ^2/NDF: 4443717563002768

In: -176.949+/-0.000 χ^2/NDF:6863016186114533

Out: 193.249+/-0.000 χ^2/NDF:618528828776801 0

All: 8.458+/-0.000 χ^2/NDF: 14077177873455

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -45.990+/-0.000 χ^2/NDF: 2485325999747114
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1162.918+/-0.000 χ^2/NDF:2854362208512988010785537128608563200 0.0/10
In: -248.015+/-0.000 χ^2/NDF:1971818157373371
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 199.509+/-0.000 χ^2/NDF:1824880513572086
Left In: -1236.408+/-0.000 χ^2/NDF:2901121548747949950139282389848398233 6.0/9
All: -23.880+/-0.000 χ^2/NDF: 394705719851

dit_atl1_coil1_mean vs Slug, Sign Corrected

Left: 2665.770+/-0.000 χ^2/NDF: 552053260634677

Right In: -10710.292+/-0.000 χ^2/NDF: 169452261520535118404826184022501705646 08.0/14

Right: 225.546+/-0.000 χ^2/NDF: 184316555733630

Left Out: -13140.546+/-0.000 χ^2/NDF:135401621172214094724588559571574488825856.0/10

In: 5700.342+/-0.000 χ^2/NDF:326795818129037 6

Right Out: 10866.264+/-0.000 χ^2/NDF: 1423476283885838248452590164413162664755 2.0/15

Out: -2493.909+/-0.000 χ^2/NDF:36356672344269

Left In: 18230.344+/-0.000 χ^2/NDF:161830083202712124691526863360523606425 6.0/9

All: 1596.395+/-0.000 χ^2/NDF: 7407720720 3

dit_atl1_coil1_err_mean vs Slug, Sign Corrected

Left: -18.839+/-0.000 χ^2/NDF: 9423209717404090

Right In: 687.939+/-0.000 χ^2/NDF: 40929714110430150981775339075902478745 6.0/14

Right: -214.338+/-0.000 χ^2/NDF: 33349422342847

Left Out: 710.507+/-0.000 χ^2/NDF:2712664706622049785894976713710056243 2.0/10

In: -120.083+/-0.000 χ^2/NDF:1188086078495393

Right Out: -1092.265+/-0.000 χ^2/NDF: 18831981429296058134562338129469484564 48.0/15

Out: -88.994+/-0.000 χ^2/NDF:3116706940740608

Left In: -737.031+/-0.000 χ^2/NDF:3152655429931513461191053383289326796 8.0/9

All: -104.512+/-0.000 χ^2/NDF: 43055186388

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -45.990+/-0.000 χ^2/NDF: 2485325999747114

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576

Left Out: 1162.918+/-0.000 χ^2/NDF:2854362208512988010785537128608563200 0.0/10

In: -248.015+/-0.000 χ^2/NDF:1971818157373371

Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 199.509+/-0.000 χ^2/NDF:1824880513572086

Left In: -1236.408+/-0.000 χ^2/NDF:2901121548747949950139282389848398233 6.0/9

All: -23.880+/-0.000 χ^2/NDF: 394705719851

dit_atl2_coil1_mean vs Slug, Sign Corrected

Left: -2091.701+/-0.000 χ^2/NDF: 40133311626703

Right In: 29415.830+/-0.000 χ^2/NDF: 7176498963892808290677497975389480917401 6.0/14

Right: 1854.518+/-0.000 χ^2/NDF: 10900867071107

Left Out: 46724.758+/-0.000 χ^2/NDF:4145299793620584150597908401263124414464 0.0/10

In: -15708.104+/-0.000 χ^2/NDF:2415387053398 4

Right Out: -24963.010+/-0.000 χ^2/NDF: 4563157292012217197283596168549431561420 8.0/15

Out: 14932.377+/-0.000 χ^2/NDF:1994712055954 0

Left In: -50161.555+/-0.000 χ^2/NDF:1316387919728548291366034038092051408486 4.0/9

All: -362.356+/-0.000 χ^2/NDF: 5114930591 8

dit_atl2_coil1_err_mean vs Slug, Sign Corrected

Left: -134.917+/-0.000 χ^2/NDF: 232769473448831

Right In: 1629.542+/-0.000 χ^2/NDF: 5517385553550289021946978964371522191 36.0/14

Right: 38.151+/-0.000 χ^2/NDF: 4482831303964084

Left Out: 3434.859+/-0.000 χ^2/NDF:1577814860295818885117978014575371485184.0/10

In: -1364.249+/-0.000 χ^2/NDF:113398951592354

Right Out: -1510.293+/-0.000 χ^2/NDF: 6882319040468162113217745246197456568 32.0/15

Out: 1241.763+/-0.000 χ^2/NDF:113434741467092

Left In: -3650.096+/-0.000 χ^2/NDF:5299761849628688652010680842022824181 76.0/9

All: -59.073+/-0.000 χ^2/NDF: 277819223748

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -45.990+/-0.000 χ^2/NDF: 2485325999747114

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576

Left Out: 1162.918+/-0.000 χ^2/NDF:2854362208512988010785537128608563200 0.0/10

In: -248.015+/-0.000 χ^2/NDF:1971818157373371

Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 199.509+/-0.000 χ^2/NDF:1824880513572086

Left In: -1236.408+/-0.000 χ^2/NDF:2901121548747949950139282389848398233 6.0/9

All: -23.880+/-0.000 χ^2/NDF: 394705719851

dit_atr1_coil1_mean vs Slug, Sign Corrected

Left: -1212.244+/-0.000 χ^2/NDF: 13315781218189
Right In: 15540.787+/-0.000 χ^2/NDF: 2738363588652360183237779538350971446886 4.0/14
Right: 592.797+/-0.000 χ^2/NDF: 330452519024961
Left Out: 26920.055+/-0.000 χ^2/NDF:1311122291004611079948335939036059480883 2.0/10
In: -9667.226+/-0.000 χ^2/NDF:758419145115456
Right Out: -13951.799+/-0.000 χ^2/NDF: 1695407103573958466461281343074810095206 4.0/15
Out: 8794.040+/-0.000 χ^2/NDF:650151585967904
Left In: -28914.284+/-0.000 χ^2/NDF:3750544409376068216865789166292347912192.0/9
All: -421.224+/-0.000 χ^2/NDF: 16644393799

dit_atr1_coil1_err_mean vs Slug, Sign Corrected

Left: -34.865+/-0.000 χ^2/NDF: 1062432788789147
Right In: 605.034+/-0.000 χ^2/NDF: 1894015227916076144486001577233628528 64.0/14
Right: -81.538+/-0.000 χ^2/NDF: 181435748538570
Left Out: 748.295+/-0.000 χ^2/NDF:1881615076792414130232907465275264 2048.0/10
In: -195.112+/-0.000 χ^2/NDF:9469068268293422
Right Out: -749.582+/-0.000 χ^2/NDF: 102135876837749593569374877980434418 8928.0/15
Out: 84.010+/-0.000 χ^2/NDF:1873003844554018
Left In: -806.047+/-0.000 χ^2/NDF:2473877371939386137600103918189989 0688.0/9
All: -55.318+/-0.000 χ^2/NDF: 287840075573

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -45.990+/-0.000 χ^2/NDF: 2485325999747114

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576

Left Out: 1162.918+/-0.000 χ^2/NDF:2854362208512988010785537128608563200 0.0/10

In: -248.015+/-0.000 χ^2/NDF:1971818157373371

Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 199.509+/-0.000 χ^2/NDF:1824880513572086

Left In: -1236.408+/-0.000 χ^2/NDF:2901121548747949950139282389848398233 6.0/9

All: -23.880+/-0.000 χ^2/NDF: 394705719851

dit_atr2_coil1_mean vs Slug, Sign Corrected

Left: 1669.210+/-0.000 χ^2/NDF: 246010346533755

Right In: -21743.360+/-0.000 χ^2/NDF: 411068588235795273251986756753987930685 44.0/14

Right: -446.610+/-0.000 χ^2/NDF: 64780902874572

Left Out: -36461.986+/-0.000 χ^2/NDF:339244295649535262515979722486110486528 00.0/10

In: 12824.015+/-0.000 χ^2/NDF:141952608012116

Right Out: 20275.415+/-0.000 χ^2/NDF: 259358691320929202316815324176273207459 84.0/15

Out: -11299.854+/-0.000 χ^2/NDF:1254789927861

Left In: 39217.223+/-0.000 χ^2/NDF:108157037523874924932587453090311081820 16.0/9

All: 741.997+/-0.000 χ^2/NDF: 311122207545

dit_atr2_coil1_err_mean vs Slug, Sign Corrected

Left: -16.033+/-0.000 χ^2/NDF: 1969856374516717

Right In: 2046.354+/-0.000 χ^2/NDF: 266555515927348892036833058355226345472.0/14

Right: -203.146+/-0.000 χ^2/NDF: 11161426338405

Left Out: 3284.931+/-0.000 χ^2/NDF:118041545737036911381113744317462924492 8.0/10

In: -966.278+/-0.000 χ^2/NDF:1107138437100944

Right Out: -2391.939+/-0.000 χ^2/NDF: 441529496478977881525935754457949981900 8.0/15

Out: 767.330+/-0.000 χ^2/NDF:175581935193926 8

Left In: -3266.512+/-0.000 χ^2/NDF:41712187645052948971749433537448850227 2.0/9

All: -98.031+/-0.000 χ^2/NDF: 308858734568

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -45.990+/-0.000 χ^2/NDF: 2485325999747114

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576

Left Out: 1162.918+/-0.000 χ^2/NDF:2854362208512988010785537128608563200 0.0/10

In: -248.015+/-0.000 χ^2/NDF:1971818157373371

Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 199.509+/-0.000 χ^2/NDF:1824880513572086

Left In: -1236.408+/-0.000 χ^2/NDF:2901121548747949950139282389848398233 6.0/9

All: -23.880+/-0.000 χ^2/NDF: 394705719851

dit_sam1_coil1_mean vs Slug, Sign Corrected

Left: -428.499+/-0.000 χ^2/NDF: 664085356455401

Right In: 2881.935+/-0.000 χ^2/NDF: 1320319391496525533692082365878834823168.0/14

Right: 74.629+/-0.000 χ^2/NDF: 1248948533864623

Left Out: 5729.884+/-0.000 χ^2/NDF:2479568562504378382594347376106329341952.0/10

In: -2433.899+/-0.000 χ^2/NDF:345894442862604

Right Out: -2656.918+/-0.000 χ^2/NDF: 1077696846216053561130716877125509447680.0/15

Out: 2010.471+/-0.000 χ^2/NDF:29666627950367

Left In: -6492.695+/-0.000 χ^2/NDF:926874762555710421035383800661314371584.0/9

All: -208.014+/-0.000 χ^2/NDF: 79085163191

dit_sam1_coil1_err_mean vs Slug, Sign Corrected

Left: -8.824+/-0.000 χ^2/NDF: 28885997488645405

Right In: 138.577+/-0.000 χ^2/NDF: 4242369889979811373883774021335515136.0/14

Right: -0.492+/-0.000 χ^2/NDF: 3296375379571767

Left Out: 120.546+/-0.000 χ^2/NDF:4150651782357421947356636258920038 40.0/10

In: -17.242+/-0.000 χ^2/NDF:3269935553199571 4

Right Out: -135.809+/-0.000 χ^2/NDF: 39564017418625242632431608681 73643776.0/15

Out: 6.857+/-0.000 χ^2/NDF:2876569515961870 36

Left In: -136.215+/-0.000 χ^2/NDF:6681134715431295291167323678037 77024.0/9

All: -5.173+/-0.000 χ^2/NDF: 6190106733369

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -45.990+/-0.000 χ^2/NDF: 2485325999747114

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576

Left Out: 1162.918+/-0.000 χ^2/NDF:2854362208512988010785537128608563200 0.0/10

In: -248.015+/-0.000 χ^2/NDF:1971818157373371

Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 199.509+/-0.000 χ^2/NDF:1824880513572086

Left In: -1236.408+/-0.000 χ^2/NDF:2901121548747949950139282389848398233 6.0/9

All: -23.880+/-0.000 χ^2/NDF: 394705719851

dit_sam2_coil1_mean vs Slug, Sign Corrected

Left: -3340.443+/-0.000 χ^2/NDF: 14852135193315
Right In: 69827.797+/-0.000 χ^2/NDF: 187803282116493131197684060541288926150656.0/14
Right: 1210.454+/-0.000 χ^2/NDF: 64287668357099
Left Out: 90207.882+/-0.000 χ^2/NDF:213028502840276878241078014382531699277824.0/10
In: -23896.654+/-0.000 χ^2/NDF:10343147680254
Right Out: -65555.147+/-0.000 χ^2/NDF: 212001467811386750910625783195999741673472.0/15
Out: 21129.464+/-0.000 χ^2/NDF:94310358203781
Left In: -95458.028+/-0.000 χ^2/NDF:101475632403014531675284351140153339674624.0/9
All: -1346.111+/-0.000 χ^2/NDF: 2129621324

dit_sam2_coil1_err_mean vs Slug, Sign Corrected

Left: -14.678+/-0.000 χ^2/NDF: 3329872519177326

Right In: 1330.956+/-0.000 χ^2/NDF: 6494812638426816594494091470595728343 04.0/14

Right: 20.358+/-0.000 χ^2/NDF: 3481069250883615

Left Out: 1353.448+/-0.000 χ^2/NDF:111283236771663904540357217605797281792.0/10

In: -196.002+/-0.000 χ^2/NDF:3427279683305497

Right Out: -1254.871+/-0.000 χ^2/NDF: 632140068983304062809817716800861765632.0/15

Out: 196.700+/-0.000 χ^2/NDF:3268793063844641

Left In: -1361.879+/-0.000 χ^2/NDF:109209888683695341874490884585131343872.0/9

All: 0.676+/-0.000 χ^2/NDF: 6811849263874 6

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -45.990+/-0.000 χ^2/NDF: 2485325999747114

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576

Left Out: 1162.918+/-0.000 χ^2/NDF:2854362208512988010785537128608563200 0.0/10

In: -248.015+/-0.000 χ^2/NDF:1971818157373371

Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 199.509+/-0.000 χ^2/NDF:1824880513572086

Left In: -1236.408+/-0.000 χ^2/NDF:2901121548747949950139282389848398233 6.0/9

All: -23.880+/-0.000 χ^2/NDF: 394705719851

dit_sam3_coil1_mean vs Slug, Sign Corrected

Left: -1201.700+/-0.000 χ^2/NDF: 45338703156002

Right In: 34919.716+/-0.000 χ^2/NDF: 1063873854407186221551225418487299970170 88.0/14

Right: 1872.760+/-0.000 χ^2/NDF: 15931536557711

Left Out: 50164.164+/-0.000 χ^2/NDF:8414353279632027171133077586717817018 7776.0/10

In: -14244.015+/-0.000 χ^2/NDF:29395341031297

Right Out: -30282.373+/-0.000 χ^2/NDF: 8834616526659312662759895169350607306 7520.0/15

Out: 14487.408+/-0.000 χ^2/NDF:25747394784548

Left In: -51781.969+/-0.000 χ^2/NDF:6673346504019058293971590803215750686 3104.0/9

All: 145.616+/-0.000 χ^2/NDF: 61340119803 5

dit_sam3_coil1_err_mean vs Slug, Sign Corrected

Left: 10.797+/-0.000 χ^2/NDF: 1436599590629164
Right In: 663.574+/-0.000 χ^2/NDF: 157691812872720822886914966597312446464.0/14
Right: 22.529+/-0.000 χ^2/NDF: 8336101395091641
Left Out: 875.113+/-0.000 χ^2/NDF:110626797130874126410547030191622848512.0/10
In: -189.190+/-0.000 χ^2/NDF:1074988460029003
Right Out: -601.216+/-0.000 χ^2/NDF: 149717884331889332339995334350831878144.0/15
Out: 220.385+/-0.000 χ^2/NDF:1069384209233937
Left In: -840.300+/-0.000 χ^2/NDF:849880142531463432657731782767731015 68.0/9
All: 15.938+/-0.000 χ^2/NDF: 2270311482329

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -45.990+/-0.000 χ^2/NDF: 2485325999747114

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576

Left Out: 1162.918+/-0.000 χ^2/NDF:2854362208512988010785537128608563200 0.0/10

In: -248.015+/-0.000 χ^2/NDF:1971818157373371

Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 199.509+/-0.000 χ^2/NDF:1824880513572086

Left In: -1236.408+/-0.000 χ^2/NDF:2901121548747949950139282389848398233 6.0/9

All: -23.880+/-0.000 χ^2/NDF: 394705719851

dit_sam4_coil1_mean vs Slug, Sign Corrected

Left: -3033.270+/-0.000 χ^2/NDF: 13385074037309

Right In: 53422.452+/-0.000 χ^2/NDF: 36063575731513380013375112316777734655180 8.0/14

Right: 3412.622+/-0.000 χ^2/NDF: 38491691465863

Left Out: 85840.997+/-0.000 χ^2/NDF:17330309241337148960474946131154519143219 2.0/10

In: -28215.390+/-0.000 χ^2/NDF:80791985467857

Right Out: -45247.617+/-0.000 χ^2/NDF: 286060196488034430215784613374055547928576.0/15

Out: 27705.289+/-0.000 χ^2/NDF:68380812722091

Left In: -90548.283+/-0.000 χ^2/NDF:905671923675811446428401152207251717488 64.0/9

All: -208.497+/-0.000 χ^2/NDF: 17264960386

dit_sam4_coil1_err_mean vs Slug, Sign Corrected

Left: 17.010+/-0.000 χ^2/NDF: 4437752729228494
Right In: 949.197+/-0.000 χ^2/NDF: 2256910321831537327333080940676581949 44.0/14
Right: 37.382+/-0.000 χ^2/NDF: 1494917928354426
Left Out: 1519.410+/-0.000 χ^2/NDF:3823289193286927694668388246851189473 28.0/10
In: -418.294+/-0.000 χ^2/NDF:267175266593026 9
Right Out: -849.827+/-0.000 χ^2/NDF: 2046222242615772477022273127451973386 24.0/15
Out: 468.691+/-0.000 χ^2/NDF:267057972729186 6
Left In: -1462.413+/-0.000 χ^2/NDF:3057545796894423502434107538127538094 08.0/9
All: 25.937+/-0.000 χ^2/NDF: 5932977484011

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -45.990+/-0.000 χ^2/NDF: 2485325999747114

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576

Left Out: 1162.918+/-0.000 χ^2/NDF:2854362208512988010785537128608563200 0.0/10

In: -248.015+/-0.000 χ^2/NDF:1971818157373371

Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 199.509+/-0.000 χ^2/NDF:1824880513572086

Left In: -1236.408+/-0.000 χ^2/NDF:2901121548747949950139282389848398233 6.0/9

All: -23.880+/-0.000 χ^2/NDF: 394705719851

dit_sam5_coil1_mean vs Slug, Sign Corrected

Left: 29.723+/-0.000 χ^2/NDF: 2007735493771740

Right In: 254.578+/-0.000 χ^2/NDF: 9784021135310066407415692239672495308 80.0/14

Right: -53.015+/-0.000 χ^2/NDF: 220036732540735

Left Out: -2732.741+/-0.000 χ^2/NDF:3293457393682964386601774597728800604160.0/10

In: 1669.558+/-0.000 χ^2/NDF:7376892524922244

Right Out: -352.308+/-0.000 χ^2/NDF: 1100813647101508513447529068154010468352.0/15

Out: -1677.057+/-0.000 χ^2/NDF:64976398699852

Left In: 2749.937+/-0.000 χ^2/NDF:4106947742091475953709574128361512370176.0/9

All: -6.535+/-0.000 χ^2/NDF: 2228278312981

dit_sam5_coil1_err_mean vs Slug, Sign Corrected

Left: -8.317+/-0.000 χ^2/NDF: 16860023578187021

Right In: 196.955+/-0.000 χ^2/NDF: 4485245160329657914621372425838788608.0/14

Right: 11.081+/-0.000 χ^2/NDF: 5261792058222240

Left Out: 303.890+/-0.000 χ^2/NDF:3666820197416052672735674065641013248.0/10

In: -93.771+/-0.000 χ^2/NDF:10423438050287903

Right Out: -169.778+/-0.000 χ^2/NDF: 3892609445494845784493558646385410048.0/15

Out: 93.826+/-0.000 χ^2/NDF:9084140287038872

Left In: -315.748+/-0.000 χ^2/NDF:3011618513660146198341193194490822656.0/9

All: 0.184+/-0.000 χ^2/NDF: 2214963219255

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -45.990+/-0.000 χ^2/NDF: 2485325999747114

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576

Left Out: 1162.918+/-0.000 χ^2/NDF:2854362208512988010785537128608563200 0.0/10

In: -248.015+/-0.000 χ^2/NDF:1971818157373371

Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 199.509+/-0.000 χ^2/NDF:1824880513572086

Left In: -1236.408+/-0.000 χ^2/NDF:2901121548747949950139282389848398233 6.0/9

All: -23.880+/-0.000 χ^2/NDF: 394705719851

dit_sam6_coil1_mean vs Slug, Sign Corrected

Left: 1824.200+/-0.000 χ^2/NDF: 17721736871433
Right In: -12479.653+/-0.000 χ^2/NDF: 411786332312538053173533339734752719011 84.0/14
Right: -965.413+/-0.000 χ^2/NDF: 24217037814564
Left Out: -30553.109+/-0.000 χ^2/NDF:194905074629475889791554447928509008445 44.0/10
In: 13709.862+/-0.000 χ^2/NDF:83746633625630
Right Out: 10238.098+/-0.000 χ^2/NDF: 3122786112615953403196150192322371806822 4.0/15
Out: -12462.860+/-0.000 χ^2/NDF:668360004574
Left In: 33706.326+/-0.000 χ^2/NDF:112648379150747924928672050375396562042 88.0/9
All: 601.712+/-0.000 χ^2/NDF: 20200971867

dit_sam6_coil1_err_mean vs Slug, Sign Corrected

Right In: 245.832+/-0.000 χ^2/NDF: 7828269009300013139414476154059358208.0/14

Left Out: 509.505+/-0.000 χ^2/NDF:1362648419012668517856560782729910681 6.0/10

Right Out: -209.844+/-0.000 χ^2/NDF: 3128489258838765241921217786024034304.0/15

Left In: -545.864+/-0.000 χ^2/NDF:199643524596910755116365753097681 63328.0/9

Left: -22.246+/-0.000 χ^2/NDF: 5033099274181935

Right: 14.878+/-0.000 χ^2/NDF: 7925780675793006

In: -203.095+/-0.000 χ^2/NDF:2584565201450208

Out: 190.485+/-0.000 χ^2/NDF:2088351542476388

All: -5.977+/-0.000 χ^2/NDF: 5835866146823

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -45.990+/-0.000 χ^2/NDF: 2485325999747114
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1162.918+/-0.000 χ^2/NDF:2854362208512988010785537128608563200 0.0/10
In: -248.015+/-0.000 χ^2/NDF:1971818157373371
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 199.509+/-0.000 χ^2/NDF:1824880513572086
Left In: -1236.408+/-0.000 χ^2/NDF:2901121548747949950139282389848398233 6.0/9
All: -23.880+/-0.000 χ^2/NDF: 394705719851

dit_sam7_coil1_mean vs Slug, Sign Corrected

Left: -689.737+/-0.000 χ^2/NDF: 699492095065816

Right In: 11542.759+/-0.000 χ^2/NDF: 1423354312323856635722676621901468742451 2.0/14

Right: 451.741+/-0.000 χ^2/NDF: 183007796935000

Left Out: 19493.367+/-0.000 χ^2/NDF:1440368614692060376844395735061967038054 4.0/10

In: -6663.297+/-0.000 χ^2/NDF:401986565981170

Right Out: -10339.969+/-0.000 χ^2/NDF: 1126083386340675164592342006298241820262 4.0/15

Out: 6262.759+/-0.000 χ^2/NDF:356039445555500

Left In: -20564.157+/-0.000 χ^2/NDF:8386345647759503780235608110289412685824.0/9

All: -189.508+/-0.000 χ^2/NDF: 8834631677

dit_sam7_coil1_err_mean vs Slug, Sign Corrected

Left: 0.757+/-0.000 χ^2/NDF: 14725149437201700
Right In: 198.850+/-0.000 χ^2/NDF: 18333995109503438037075916944440295424.0/14
Right: 4.640+/-0.000 χ^2/NDF: 8155814157634257
Left Out: 283.762+/-0.000 χ^2/NDF:7557073207778532516631591669035171840.0/10
In: -71.499+/-0.000 χ^2/NDF:10863271620384174
Right Out: -184.328+/-0.000 χ^2/NDF: 14927434931395588601024961538372403200.0/15
Out: 76.171+/-0.000 χ^2/NDF:10381678326089506
Left In: -277.919+/-0.000 χ^2/NDF:6646167093782782282430285344535478272.0/9
All: 2.459+/-0.000 χ^2/NDF: 2288207842459

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -45.990+/-0.000 χ^2/NDF: 2485325999747114

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576

Left Out: 1162.918+/-0.000 χ^2/NDF:2854362208512988010785537128608563200 0.0/10

In: -248.015+/-0.000 χ^2/NDF:1971818157373371

Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 199.509+/-0.000 χ^2/NDF:1824880513572086

Left In: -1236.408+/-0.000 χ^2/NDF:2901121548747949950139282389848398233 6.0/9

All: -23.880+/-0.000 χ^2/NDF: 394705719851

dit_sam8_coil1_mean vs Slug, Sign Corrected

Left: -804.520+/-0.000 χ^2/NDF: 404261387230584

Right In: 8567.784+/-0.000 χ^2/NDF: 1110604887897250136642905567964570845184 0.0/14

Right: 642.005+/-0.000 χ^2/NDF: 101620430321781

Left Out: 14603.995+/-0.000 χ^2/NDF:7386363372390047795766996049068736643072.0/10

In: -5350.418+/-0.000 χ^2/NDF:235289671208818

Right Out: -7069.884+/-0.000 χ^2/NDF: 1007686236350265211137821053966438786662 4.0/15

Out: 4991.976+/-0.000 χ^2/NDF:191835235184630

Left In: -15977.375+/-0.000 χ^2/NDF:2469319088731533526130583783769882230784.0/9

All: -170.611+/-0.000 χ^2/NDF: 50742873690

dit_sam8_coil1_err_mean vs Slug, Sign Corrected

Left: 0.226+/-0.000 χ^2/NDF: 10248482122680694
Right In: 130.021+/-0.000 χ^2/NDF: 3115259987552341725946418665378283520.0/14
Right: -0.100+/-0.000 χ^2/NDF: 3019268215396835
Left Out: 230.770+/-0.000 χ^2/NDF:7293434761601732673985336129506770944.0/10
In: -72.308+/-0.000 χ^2/NDF:56866481397710300
Right Out: -126.709+/-0.000 χ^2/NDF: 5397122581297664561308621600668516352.0/15
Out: 72.234+/-0.000 χ^2/NDF:6012619248425770
Left In: -226.791+/-0.000 χ^2/NDF:6897835886034787257624479201729970176.0/9
All: 0.083+/-0.000 χ^2/NDF: 1326775820880

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -45.990+/-0.000 χ^2/NDF: 2485325999747114

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576

Left Out: 1162.918+/-0.000 χ^2/NDF:2854362208512988010785537128608563200 0.0/10

In: -248.015+/-0.000 χ^2/NDF:1971818157373371

Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 199.509+/-0.000 χ^2/NDF:1824880513572086

Left In: -1236.408+/-0.000 χ^2/NDF:2901121548747949950139282389848398233 6.0/9

All: -23.880+/-0.000 χ^2/NDF: 394705719851

dit_4aX_coil3_mean vs Slug, Sign Corrected

Left: 4.049+/-0.000 χ^2/NDF: 13003873309514044
Right In: -36.540+/-0.000 χ^2/NDF: 2543518678614446092026376338643353 60.0/14
Right: -2.265+/-0.000 χ^2/NDF: 1939933040270060
Left Out: -83.867+/-0.000 χ^2/NDF:1308952171179730598241744182512189 44.0/10
In: 35.566+/-0.000 χ^2/NDF:6238170054372111 97
Right Out: 31.085+/-0.000 χ^2/NDF: 1812910791193816361784084988763832 32.0/15
Out: -32.888+/-0.000 χ^2/NDF:5217184657887355
Left In: 90.621+/-0.000 χ^2/NDF:3308972593773251667783916237042483 2.0/9
All: 1.282+/-0.000 χ^2/NDF: 14973281100387

dit_4aX_coil3_err_mean vs Slug, Sign Corrected

Left: -0.093+/-0.000 χ^2/NDF: 89063800194542688

Right In: 2.867+/-0.000 χ^2/NDF: 3455499087584693564208174061322240.0/14

Right: -0.016+/-0.000 χ^2/NDF: 1715222089110172

Left Out: 2.200+/-0.000 χ^2/NDF:7330972478362563310960485859328 0.0/10

In: -0.091+/-0.000 χ^2/NDF:13575653734477479 8

Right Out: -2.821+/-0.000 χ^2/NDF: 3052948718107902490497172912472064.0/15

Out: -0.027+/-0.000 χ^2/NDF:12484203184449907

Left In: -2.350+/-0.000 χ^2/NDF:10254699766690705353965543253606 4.0/9

All: -0.059+/-0.000 χ^2/NDF: 2606296365109

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -75.027+/-0.000 χ^2/NDF: 2541810531828234

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1146.849+/-0.000 χ^2/NDF:321039178253366416118821046302655119 36.0/10

In: -246.775+/-0.000 χ^2/NDF:2150949503105541

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 191.250+/-0.000 χ^2/NDF:1824634039753475

Left In: -1278.216+/-0.000 χ^2/NDF:2956543845886981179635953949984843366 4.0/9

All: -27.398+/-0.000 χ^2/NDF: 41196265890 8

dit_4eX_coil3_mean vs Slug, Sign Corrected

Left: 4.277+/-0.000 χ^2/NDF: 1425836706915889 35

Right In: -43.289+/-0.000 χ^2/NDF: 199342736778845281087197523996573696.0/14

Right: -2.174+/-0.000 χ^2/NDF: 2512687101518028

Left Out: -87.660+/-0.000 χ^2/NDF:16818224300155909971874153320415232 0.0/10

In: 35.018+/-0.000 χ^2/NDF:726668122696179314

Right Out: 37.832+/-0.000 χ^2/NDF: 1486839339772049366346368438973235 20.0/15

Out: -32.006+/-0.000 χ^2/NDF:6162614430840496

Left In: 94.807+/-0.000 χ^2/NDF:4907632571257052993779931488138035 2.0/9

All: 1.450+/-0.000 χ^2/NDF: 1680181398836 0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected

Left: -0.096+/-0.000 χ^2/NDF: 88361821699883000

Right In: 2.832+/-0.000 χ^2/NDF: 39576725319290173285125643231559 68.0/14

Right: -0.015+/-0.000 χ^2/NDF: 1792170452533502

Left Out: 2.194+/-0.000 χ^2/NDF:594440106773707729700527863234 56.0/10

In: -0.107+/-0.000 χ^2/NDF:139063991004128532

Right Out: -2.784+/-0.000 χ^2/NDF: 3589544956108116898091236897849344.0/15

Out: -0.013+/-0.000 χ^2/NDF:12849793806372247

Left In: -2.351+/-0.000 χ^2/NDF:6527601075922042393268724118323 2.0/9

All: -0.060+/-0.000 χ^2/NDF: 2676272957189

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -75.027+/-0.000 χ^2/NDF: 2541810531828234

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1146.849+/-0.000 χ^2/NDF:321039178253366416118821046302655119 36.0/10

In: -246.775+/-0.000 χ^2/NDF:2150949503105541

Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 191.250+/-0.000 χ^2/NDF:1824634039753475

Left In: -1278.216+/-0.000 χ^2/NDF:295654384588698117963595394998484336 64.0/9

All: -27.398+/-0.000 χ^2/NDF: 41196265890 8

dit_11X12X_coil3_mean vs Slug, Sign Corrected

Left: 3.618+/-0.000 χ^2/NDF: 110059632501536824

Right In: -72.949+/-0.000 χ^2/NDF: 6575542846485798030687912629108736 0.0/14

Right: -1.347+/-0.000 χ^2/NDF: 6737392391922205

Left Out: -77.385+/-0.000 χ^2/NDF:876952669395091924418327967747276 80.0/10

In: 15.697+/-0.000 χ^2/NDF:907815843849997635

Right Out: 68.324+/-0.000 χ^2/NDF: 1066943448982023644833671313725849 60.0/15

Out: -12.765+/-0.000 χ^2/NDF:8075218523150936

Left In: 83.381+/-0.000 χ^2/NDF:1848012146918958264705647036176793 6.0/9

All: 1.442+/-0.000 χ^2/NDF: 1776157544101

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected

Left: 0.023+/-0.000 χ^2/NDF: 13966147149959632

Right In: 3.793+/-0.000 χ^2/NDF: 32053892427261296197962908104130 56.0/14

Right: -0.047+/-0.000 χ^2/NDF: 2496367810067656

Left Out: 2.851+/-0.000 χ^2/NDF:484095607674468823366748512190464.0/10

In: 0.076+/-0.000 χ^2/NDF:192109772476500862

Right Out: -3.783+/-0.000 χ^2/NDF: 2878586622192676654452338755371008.0/15

Out: -0.091+/-0.000 χ^2/NDF:19701603185680504

Left In: -2.762+/-0.000 χ^2/NDF:191366278351260457621513253683200.0/9

All: -0.008+/-0.000 χ^2/NDF: 3893342632136

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -75.027+/-0.000 χ^2/NDF: 2541810531828234

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1146.849+/-0.000 χ^2/NDF:321039178253366416118821046302655119 36.0/10

In: -246.775+/-0.000 χ^2/NDF:2150949503105541

Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 191.250+/-0.000 χ^2/NDF:1824634039753475

Left In: -1278.216+/-0.000 χ^2/NDF:295654384588698117963595394998484336 64.0/9

All: -27.398+/-0.000 χ^2/NDF: 41196265890 8

dit_4aY_coil3_mean vs Slug, Sign Corrected

Left: -0.048+/-0.000 χ^2/NDF: 2972451551531224 5

Right In: 4.025+/-0.000 χ^2/NDF: 769001650442321928129473832550400.0/14

Right: 0.050+/-0.000 χ^2/NDF: 2189275488787973 9

Left Out: 4.121+/-0.000 χ^2/NDF:551035604579839886107985282334720.0/10

In: -0.612+/-0.000 χ^2/NDF:2568305261647240 46

Right Out: -3.819+/-0.000 χ^2/NDF: 888232240226434329114859171479552.0/15

Out: 0.600+/-0.000 χ^2/NDF:2483773081391657 78

Left In: -4.153+/-0.000 χ^2/NDF:301860328850529874369334797664256.0/9

All: -0.005+/-0.000 χ^2/NDF: 5162429447725

dit_4aY_coil3_err_mean vs Slug, Sign Corrected

Left: 0.004+/-0.000 χ^2/NDF: 26025845932228982
Right In: 0.839+/-0.000 χ^2/NDF: 2584160253346156615211630838415 36.0/14
Right: -0.014+/-0.000 χ^2/NDF: 1442205906502244
Left Out: 0.393+/-0.000 χ^2/NDF:7165687129871742170004969226240.0/10
In: 0.148+/-0.000 χ^2/NDF:806061466353383608
Right Out: -0.844+/-0.000 χ^2/NDF: 252917509393432760240648918925312.0/15
Out: -0.156+/-0.000 χ^2/NDF:8272791594975829
Left In: -0.379+/-0.000 χ^2/NDF:2167220807871707056596599177216.0/9
All: -0.004+/-0.000 χ^2/NDF: 1702700300594

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -75.027+/-0.000 χ^2/NDF: 2541810531828234

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1146.849+/-0.000 χ^2/NDF:321039178253366416118821046302655119 36.0/10

In: -246.775+/-0.000 χ^2/NDF:2150949503105541

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 191.250+/-0.000 χ^2/NDF:1824634039753475

Left In: -1278.216+/-0.000 χ^2/NDF:2956543845886981179635953949984843366 4.0/9

All: -27.398+/-0.000 χ^2/NDF: 41196265890 8

dit_4eY_coil3_mean vs Slug, Sign Corrected

Left: -0.275+/-0.000 χ^2/NDF: 3123517734178868
Right In: 4.275+/-0.000 χ^2/NDF: 5971887078981988517924154355220 48.0/14
Right: 0.061+/-0.000 χ^2/NDF: 2410811716301541 6
Left Out: 3.996+/-0.000 χ^2/NDF:614095408015001064538635801460736.0/10
In: -0.690+/-0.000 χ^2/NDF:29125424860506488 7
Right Out: -4.039+/-0.000 χ^2/NDF: 7723688481944643249731087651307 52.0/15
Out: 0.433+/-0.000 χ^2/NDF:2535564477204160 40
Left In: -4.480+/-0.000 χ^2/NDF:3205993180640177747357931982028 80.0/9
All: -0.128+/-0.000 χ^2/NDF: 5542645973807

dit_4eY_coil3_err_mean vs Slug, Sign Corrected

Left: -0.001+/-0.000 χ^2/NDF: 26084595983626036

Right In: 0.793+/-0.000 χ^2/NDF: 195508777173589483440314700005376.0/14

Right: -0.003+/-0.000 χ^2/NDF: 1193841006449656

Left Out: 0.389+/-0.000 χ^2/NDF:5195670205892477545036141035520.0/10

In: 0.125+/-0.000 χ^2/NDF:709617028205513880

Right Out: -0.778+/-0.000 χ^2/NDF: 185814635772183306063903690063872.0/15

Out: -0.129+/-0.000 χ^2/NDF:69684104511523167

Left In: -0.386+/-0.000 χ^2/NDF:25537577427464951352553992355 84.0/9

All: -0.002+/-0.000 χ^2/NDF: 1454689739299

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -75.027+/-0.000 χ^2/NDF: 2541810531828234

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1146.849+/-0.000 χ^2/NDF:321039178253366416118821046302655119 36.0/10

In: -246.775+/-0.000 χ^2/NDF:2150949503105541

Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 191.250+/-0.000 χ^2/NDF:1824634039753475

Left In: -1278.216+/-0.000 χ^2/NDF:295654384588698117963595394998484336 64.0/9

All: -27.398+/-0.000 χ^2/NDF: 41196265890 8

dit_usl_coil3_mean vs Slug, Sign Corrected

Left: -552.270+/-0.000 χ^2/NDF: 664140141867024

Right In: 3155.434+/-0.000 χ^2/NDF: 9035505347736229021109182140336129966 08.0/14

Right: 140.919+/-0.000 χ^2/NDF: 132143468168130

Left Out: 6124.282+/-0.000 χ^2/NDF:7719561942372080292404330455698442813 44.0/9

In: -2376.584+/-0.000 χ^2/NDF:361548123441833

Right Out: -2792.245+/-0.000 χ^2/NDF: 6746357493241730019732644275309867171 84.0/15

Out: 1985.574+/-0.000 χ^2/NDF:298618307627619

Left In: -6600.442+/-0.000 χ^2/NDF:2249420792869503917497497670971859927 04.0/9

All: -241.563+/-0.000 χ^2/NDF: 79977274975

dit_usl_coil3_err_mean vs Slug, Sign Corrected

Left: -13.699+/-0.000 χ^2/NDF: 6056923548083061

Right In: 213.739+/-0.000 χ^2/NDF: 19718138109054002114361149860507287552.0/14

Right: -13.554+/-0.000 χ^2/NDF: 109883652295878

Left Out: 186.734+/-0.000 χ^2/NDF:10467072372321377301355437093814272 00.0/9

In: -18.185+/-0.000 χ^2/NDF:81848602940036088

Right Out: -234.712+/-0.000 χ^2/NDF: 24013134107167214895189050481067425792.0/15

Out: -8.885+/-0.000 χ^2/NDF:88540844872579249

Left In: -195.266+/-0.000 χ^2/NDF:5674044874989092767133408983190 07744.0/9

All: -13.634+/-0.000 χ^2/NDF: 170452903019

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -123.089+/-0.000 χ^2/NDF: 244758857204372

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1152.052+/-0.000 χ^2/NDF:318435644763505318011202111180300615 68.0/9

In: -246.775+/-0.000 χ^2/NDF:2150949503105541

Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 149.483+/-0.000 χ^2/NDF:176836138634695 9

Left In: -1278.216+/-0.000 χ^2/NDF:295654384588698117963595394998484336 64.0/9

All: -52.830+/-0.000 χ^2/NDF: 403451254757

dit_usr_coil3_mean vs Slug, Sign Corrected

Left: 245.796+/-0.000 χ^2/NDF: 508915397797874
Right In: -3034.527+/-0.000 χ^2/NDF: 630694553353463868547335175090919702528.0/14
Right: -112.316+/-0.000 χ^2/NDF: 12093460154256
Left Out: -5249.444+/-0.000 χ^2/NDF:563947619413317495389491700843098931200.0/10
In: 1893.951+/-0.000 χ^2/NDF:285945158345041
Right Out: 2731.035+/-0.000 χ^2/NDF: 528290847703567991555694629239211950080.0/15
Out: -1710.229+/-0.000 χ^2/NDF:24732991347934
Left In: 5656.990+/-0.000 χ^2/NDF:1632848997255918861383380683383195566608.0/9
All: 88.861+/-0.000 χ^2/NDF: 630798096070

dit_usr_coil3_err_mean vs Slug, Sign Corrected

Right In: 273.039+/-0.000 χ^2/NDF: 2648593505334117509291379521218412544 0.0/14

Left Out: 173.076+/-0.000 χ^2/NDF:1129400015255245960552727292428681216.0/10

Right Out: -275.044+/-0.000 χ^2/NDF: 2226476008875290179256189299165705011 2.0/15

Left In: -177.068+/-0.000 χ^2/NDF:4912479290129371851758664252527738 88.0/9

Left: -3.345+/-0.000 χ^2/NDF: 5332428106173418 2

Right: -4.751+/-0.000 χ^2/NDF: 1475618476041152 0

In: 17.808+/-0.000 χ^2/NDF:1015347635929861 92

Out: -25.658+/-0.000 χ^2/NDF:9793442504020025

All: -3.961+/-0.000 χ^2/NDF: 2008875897559

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -75.027+/-0.000 χ^2/NDF: 2541810531828234

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1146.849+/-0.000 χ^2/NDF:321039178253366416118821046302655119 36.0/10

In: -246.775+/-0.000 χ^2/NDF:2150949503105541

Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 191.250+/-0.000 χ^2/NDF:1824634039753475

Left In: -1278.216+/-0.000 χ^2/NDF:295654384588698117963595394998484336 64.0/9

All: -27.398+/-0.000 χ^2/NDF: 41196265890 8

dit_atl1_coil3_mean vs Slug, Sign Corrected

Left: 507.093+/-0.000 χ^2/NDF: 1941008249905823

Right In: -1564.595+/-0.000 χ^2/NDF: 4838748009785710425789757570290391449 60.0/14

Right: 28.285+/-0.000 χ^2/NDF: 4101258280925694

Left Out: -2399.531+/-0.000 χ^2/NDF:5315856052555400666600950075486210359296.0/10

In: 1233.122+/-0.000 χ^2/NDF:950202574791775

Right Out: 1578.178+/-0.000 χ^2/NDF: 3684505725562175640719632035810985902 08.0/15

Out: -635.480+/-0.000 χ^2/NDF:115574343651454

Left In: 3369.262+/-0.000 χ^2/NDF:5965454213560362688932153924446165401 6.0/9

All: 297.265+/-0.000 χ^2/NDF: 236808286471

dit_atl1_coil3_err_mean vs Slug, Sign Corrected

Left: -2.186+/-0.000 χ^2/NDF: 40071108061783135
Right In: 358.080+/-0.000 χ^2/NDF: 157922789145697858165644452090202816512.0/14
Right: -276.471+/-0.000 χ^2/NDF: 27494361834519
Left Out: 149.937+/-0.000 χ^2/NDF:10321742476134194150234356540044738 56.0/10
In: 68.852+/-0.000 χ^2/NDF:25426247708977745
Right Out: -893.897+/-0.000 χ^2/NDF: 207592015577420104357269565679780390 5024.0/15
Out: -312.987+/-0.000 χ^2/NDF:248140373577120
Left In: -151.982+/-0.000 χ^2/NDF:5965465874339603026628115332270653 44.0/9
All: -122.385+/-0.000 χ^2/NDF: 28451258307

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -75.027+/-0.000 χ^2/NDF: 2541810531828234

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1146.849+/-0.000 χ^2/NDF:321039178253366416118821046302655119 36.0/10

In: -246.775+/-0.000 χ^2/NDF:2150949503105541

Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 191.250+/-0.000 χ^2/NDF:1824634039753475

Left In: -1278.216+/-0.000 χ^2/NDF:295654384588698117963595394998484336 64.0/9

All: -27.398+/-0.000 χ^2/NDF: 41196265890 8

dit_atl2_coil3_mean vs Slug, Sign Corrected

Left: -507.703+/-0.000 χ^2/NDF: 177359754190042
Right In: 5295.485+/-0.000 χ^2/NDF: 250564523296826327544404801609318321356 8.0/14
Right: 292.602+/-0.000 χ^2/NDF: 364180360676330
Left Out: 9760.222+/-0.000 χ^2/NDF:175549138358193431869373967484238325350 4.0/10
In: -3728.507+/-0.000 χ^2/NDF:961711345459949
Right Out: -4575.270+/-0.000 χ^2/NDF: 186332209477040373909610080007271691059 2.0/15
Out: 3402.660+/-0.000 χ^2/NDF:799019758612211
Left In: -10618.590+/-0.000 χ^2/NDF:463587546533557422210478209642530865152.0/9
All: -156.987+/-0.000 χ^2/NDF: 21425129803

dit_atl2_coil3_err_mean vs Slug, Sign Corrected

Left: -20.785+/-0.000 χ^2/NDF: 9884885453674888
Right In: 862.683+/-0.000 χ^2/NDF: 3376840008638193150264591065257596682 24.0/14
Right: -8.442+/-0.000 χ^2/NDF: 1636587396882894
Left Out: 717.185+/-0.000 χ^2/NDF:641229693897361033137267613122366013 44.0/10
In: -50.345+/-0.000 χ^2/NDF:13114648752581704
Right Out: -856.059+/-0.000 χ^2/NDF: 327195216546444767148716224688288694272.0/15
Out: 19.476+/-0.000 χ^2/NDF:1310063840892241 4
Left In: -747.468+/-0.000 χ^2/NDF:196784534797800097942963872840244264 96.0/9
All: -15.376+/-0.000 χ^2/NDF: 262518856553

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -75.027+/-0.000 χ^2/NDF: 2541810531828234

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1146.849+/-0.000 χ^2/NDF:321039178253366416118821046302655119 36.0/10

In: -246.775+/-0.000 χ^2/NDF:2150949503105541

Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 191.250+/-0.000 χ^2/NDF:1824634039753475

Left In: -1278.216+/-0.000 χ^2/NDF:295654384588698117963595394998484336 64.0/9

All: -27.398+/-0.000 χ^2/NDF: 41196265890 8

dit_atr1_coil3_mean vs Slug, Sign Corrected

Left: -234.576+/-0.000 χ^2/NDF: 477064635160603

Right In: 2201.844+/-0.000 χ^2/NDF: 1086544775216266395419904724422998622208.0/14

Right: 58.517+/-0.000 χ^2/NDF: 767753071120733

Left Out: 5093.339+/-0.000 χ^2/NDF:4264173052773458913439060761604175953 92.0/10

In: -2154.675+/-0.000 χ^2/NDF:229330112404045

Right Out: -2026.969+/-0.000 χ^2/NDF: 7086264566034107051245182999566451998 72.0/15

Out: 1935.596+/-0.000 χ^2/NDF:199542400010704

Left In: -5481.005+/-0.000 χ^2/NDF:1241302837395643108985012322443334778 88.0/9

All: -106.134+/-0.000 χ^2/NDF: 55447501715

dit_atr1_coil3_err_mean vs Slug, Sign Corrected

Left: -5.372+/-0.000 χ^2/NDF: 56630497698560135

Right In: 329.229+/-0.000 χ^2/NDF: 10328502909192274203383790343713246412 8.0/14

Right: -41.736+/-0.000 χ^2/NDF: 557135346601365

Left Out: 177.634+/-0.000 χ^2/NDF:5920720334918246617273056237841285 12.0/10

In: 37.310+/-0.000 χ^2/NDF:20122125700284382

Right Out: -402.690+/-0.000 χ^2/NDF: 2776360567932933742421160535150034944 00.0/15

Out: -79.730+/-0.000 χ^2/NDF:4032380962974950

Left In: -185.579+/-0.000 χ^2/NDF:4028951456593135660517056342822748 16.0/9

All: -21.308+/-0.000 χ^2/NDF: 614743437200

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -75.027+/-0.000 χ^2/NDF: 2541810531828234

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1146.849+/-0.000 χ^2/NDF:321039178253366416118821046302655119 36.0/10

In: -246.775+/-0.000 χ^2/NDF:2150949503105541

Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 191.250+/-0.000 χ^2/NDF:1824634039753475

Left In: -1278.216+/-0.000 χ^2/NDF:295654384588698117963595394998484336 64.0/9

All: -27.398+/-0.000 χ^2/NDF: 41196265890 8

dit_atr2_coil3_mean vs Slug, Sign Corrected

Left: 296.778+/-0.000 χ^2/NDF: 8429088333992554

Right In: -3183.928+/-0.000 χ^2/NDF: 2134923281384422537296044119642733543424.0/14

Right: -128.944+/-0.000 χ^2/NDF: 15032681342441

Left Out: -6766.530+/-0.000 χ^2/NDF:1011780572573715578659495339559669989376.0/10

In: 2733.743+/-0.000 χ^2/NDF:426164081263067

Right Out: 2843.597+/-0.000 χ^2/NDF: 9470776115637232447055310919440153968 64.0/15

Out: -2504.592+/-0.000 χ^2/NDF:36240504684812

Left In: 7252.059+/-0.000 χ^2/NDF:4013603975316638194701783913507680419 84.0/9

All: 110.215+/-0.000 χ^2/NDF: 99457553365

dit_atr2_coil3_err_mean vs Slug, Sign Corrected

Left: -1.451+/-0.000 χ^2/NDF: 78383410740927843
Right In: 1003.407+/-0.000 χ^2/NDF: 219815257294811198811064619822196195328.0/14
Right: -285.472+/-0.000 χ^2/NDF: 59617429830759
Left Out: 658.635+/-0.000 χ^2/NDF:452551677847989394534517491660362874 88.0/10
In: 65.034+/-0.000 χ^2/NDF:12423963100581595
Right Out: -1539.568+/-0.000 χ^2/NDF: 36147747852974822931453545741254372884 48.0/15
Out: -316.233+/-0.000 χ^2/NDF:545368603817017
Left In: -651.442+/-0.000 χ^2/NDF:1477167195447389936459137197857256243 2.0/9
All: -125.917+/-0.000 χ^2/NDF: 68052141639

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -75.027+/-0.000 χ^2/NDF: 2541810531828234

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1146.849+/-0.000 χ^2/NDF:321039178253366416118821046302655119 36.0/10

In: -246.775+/-0.000 χ^2/NDF:2150949503105541

Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 191.250+/-0.000 χ^2/NDF:1824634039753475

Left In: -1278.216+/-0.000 χ^2/NDF:295654384588698117963595394998484336 64.0/9

All: -27.398+/-0.000 χ^2/NDF: 41196265890 8

dit_sam1_coil3_mean vs Slug, Sign Corrected

Left: -80.012+/-0.000 χ^2/NDF: 1921991695315650

Right In: 169.489+/-0.000 χ^2/NDF: 954358945852108910324266135674903592 96.0/14

Right: 27.687+/-0.000 χ^2/NDF: 1929545589131513

Left Out: 959.355+/-0.000 χ^2/NDF:938263022350322289507168354617566167 04.0/10

In: -552.343+/-0.000 χ^2/NDF:7253834627124570

Right Out: -110.289+/-0.000 χ^2/NDF: 7177078410205293852359271650847988 1216.0/15

Out: 484.985+/-0.000 χ^2/NDF:5902962406635866

Left In: -1103.483+/-0.000 χ^2/NDF:3359927545383793537329669853264897 6384.0/9

All: -32.816+/-0.000 χ^2/NDF: 212352139672

dit_sam1_coil3_err_mean vs Slug, Sign Corrected

Left: -1.473+/-0.000 χ^2/NDF: 1911217464902932
Right In: 74.129+/-0.000 χ^2/NDF: 2168375717401207322620658258081218560.0/14
Right: -3.297+/-0.000 χ^2/NDF: 1218774471717801
Left Out: 31.893+/-0.000 χ^2/NDF:4965107791214057955272777907621068 8.0/10
In: 12.629+/-0.000 χ^2/NDF:650948103284437147
Right Out: -78.633+/-0.000 χ^2/NDF: 2343230336879830638767678903539466240.0/15
Out: -17.124+/-0.000 χ^2/NDF:6927367240299664
Left In: -34.328+/-0.000 χ^2/NDF:1222987144405781607912956712347 2384.0/9
All: -2.272+/-0.000 χ^2/NDF: 1410142159625

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -75.027+/-0.000 χ^2/NDF: 2541810531828234

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1146.849+/-0.000 χ^2/NDF:321039178253366416118821046302655119 36.0/10

In: -246.775+/-0.000 χ^2/NDF:2150949503105541

Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 191.250+/-0.000 χ^2/NDF:1824634039753475

Left In: -1278.216+/-0.000 χ^2/NDF:295654384588698117963595394998484336 64.0/9

All: -27.398+/-0.000 χ^2/NDF: 41196265890 8

dit_sam2_coil3_mean vs Slug, Sign Corrected

Left: -566.835+/-0.000 χ^2/NDF: 526627032435009

Right In: 9876.530+/-0.000 χ^2/NDF: 8483360287053054122301651905797133697024.0/14

Right: 328.637+/-0.000 χ^2/NDF: 132799081917308

Left Out: 17052.673+/-0.000 χ^2/NDF:7370159403766662366481185013966611415040.0/10

In: -5883.569+/-0.000 χ^2/NDF:296305272510068

Right Out: -8961.593+/-0.000 χ^2/NDF: 7583728644146461427304320888408335450112.0/15

Out: 5515.762+/-0.000 χ^2/NDF:266157919898988

Left In: -17916.868+/-0.000 χ^2/NDF:3542569553800076248150385891804423651328.0/9

All: -174.414+/-0.000 χ^2/NDF: 66001892951

dit_sam2_coil3_err_mean vs Slug, Sign Corrected

Left: -10.954+/-0.000 χ^2/NDF: 3330652746686769
Right In: 764.284+/-0.000 χ^2/NDF: 2909647580582694800050672050200305991 68.0/14
Right: -14.642+/-0.000 χ^2/NDF: 135377066004634
Left Out: 432.738+/-0.000 χ^2/NDF:3269309951144802246876987087459975168.0/10
In: 76.944+/-0.000 χ^2/NDF:83445045178542117
Right Out: -772.547+/-0.000 χ^2/NDF: 2859021389046424012786255876318916771 84.0/15
Out: -101.787+/-0.000 χ^2/NDF:828413091140002
Left In: -447.860+/-0.000 χ^2/NDF:2767882529596956792546356167037681664.0/9
All: -12.570+/-0.000 χ^2/NDF: 168684598980

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -75.027+/-0.000 χ^2/NDF: 2541810531828234

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1146.849+/-0.000 χ^2/NDF:321039178253366416118821046302655119 36.0/10

In: -246.775+/-0.000 χ^2/NDF:2150949503105541

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 191.250+/-0.000 χ^2/NDF:1824634039753475

Left In: -1278.216+/-0.000 χ^2/NDF:2956543845886981179635953949984843366 4.0/9

All: -27.398+/-0.000 χ^2/NDF: 41196265890 8

dit_sam3_coil3_mean vs Slug, Sign Corrected

Left: -187.925+/-0.000 χ^2/NDF: 165648969153828

Right In: 5145.657+/-0.000 χ^2/NDF: 4272867262459372237810540195851662262272.0/14

Right: 349.044+/-0.000 χ^2/NDF: 370788219703753

Left Out: 9630.502+/-0.000 χ^2/NDF:323851497422731553791160139384924772761 6.0/10

In: -3361.059+/-0.000 χ^2/NDF:893643294998457

Right Out: -4318.126+/-0.000 χ^2/NDF: 334517655456475542731253388890852661657 6.0/15

Out: 3444.508+/-0.000 χ^2/NDF:788051780652072

Left In: -9856.187+/-0.000 χ^2/NDF:226839483855035987805065958850023967948 8.0/9

All: 47.390+/-0.000 χ^2/NDF: 2029409548800

dit_sam3_coil3_err_mean vs Slug, Sign Corrected

Left: -3.814+/-0.000 χ^2/NDF: 13635553977847731

Right In: 378.052+/-0.000 χ^2/NDF: 615165900225930530408607608613319475 20.0/14

Right: 2.067+/-0.000 χ^2/NDF: 30156387809525658

Left Out: 276.026+/-0.000 χ^2/NDF:318163403432020972648311381272874188 8.0/10

In: 5.262+/-0.000 χ^2/NDF:223659200974446758 2

Right Out: -363.772+/-0.000 χ^2/NDF: 590313374847098018041814393427066880 00.0/15

Out: -7.714+/-0.000 χ^2/NDF:21415937079256459

Left In: -279.374+/-0.000 χ^2/NDF:308444236880529838442767537353523200 0.0/9

All: -1.237+/-0.000 χ^2/NDF: 4379449813459

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -75.027+/-0.000 χ^2/NDF: 2541810531828234

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1146.849+/-0.000 χ^2/NDF:321039178253366416118821046302655119 36.0/10

In: -246.775+/-0.000 χ^2/NDF:2150949503105541

Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 191.250+/-0.000 χ^2/NDF:1824634039753475

Left In: -1278.216+/-0.000 χ^2/NDF:295654384588698117963595394998484336 64.0/9

All: -27.398+/-0.000 χ^2/NDF: 41196265890 8

dit_sam4_coil3_mean vs Slug, Sign Corrected

Left: -613.306+/-0.000 χ^2/NDF: 563601204683779
Right In: 9062.710+/-0.000 χ^2/NDF: 1362106694311435459415925240917543144652 8.0/14
Right: 673.078+/-0.000 χ^2/NDF: 113857439938422
Left Out: 17629.077+/-0.000 χ^2/NDF:7408237807852212414075572184960877985792.0/10
In: -6610.064+/-0.000 χ^2/NDF:298130503442593
Right Out: -7490.147+/-0.000 χ^2/NDF: 1010820212420413993228500645738823915929 6.0/15
Out: 6489.102+/-0.000 χ^2/NDF:2517320730308 68
Left In: -18576.687+/-0.000 χ^2/NDF:3371718062666820096457287151772130869248.0/9
All: -49.576+/-0.000 χ^2/NDF: 678682011664

dit_sam4_coil3_err_mean vs Slug, Sign Corrected

Left: -10.994+/-0.000 χ^2/NDF: 3875251501779073
Right In: 530.057+/-0.000 χ^2/NDF: 7875467606306325552404647175188067123 2.0/14
Right: 3.936+/-0.000 χ^2/NDF: 5098872396372912 6
Left Out: 463.356+/-0.000 χ^2/NDF:6796951080776677315631843870301487104.0/10
In: -41.607+/-0.000 χ^2/NDF:4597324964581562 4
Right Out: -507.987+/-0.000 χ^2/NDF: 7668973469830846433788184196955504640 0.0/15
Out: 32.581+/-0.000 χ^2/NDF:4337126768574374 2
Left In: -478.090+/-0.000 χ^2/NDF:6944987516276084500153126605260062720.0/9
All: -4.451+/-0.000 χ^2/NDF: 8975771920929

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -75.027+/-0.000 χ^2/NDF: 2541810531828234

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1146.849+/-0.000 χ^2/NDF:321039178253366416118821046302655119 36.0/10

In: -246.775+/-0.000 χ^2/NDF:2150949503105541

Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 191.250+/-0.000 χ^2/NDF:1824634039753475

Left In: -1278.216+/-0.000 χ^2/NDF:295654384588698117963595394998484336 64.0/9

All: -27.398+/-0.000 χ^2/NDF: 41196265890 8

dit_sam5_coil3_mean vs Slug, Sign Corrected

Left: -20.018+/-0.000 χ^2/NDF: 2706897127370745
Right In: 515.635+/-0.000 χ^2/NDF: 484654034205739572926730623711623249 92.0/14
Right: 20.387+/-0.000 χ^2/NDF: 4030056130167457
Left Out: 17.104+/-0.000 χ^2/NDF:10187912139670450019087068141845059993 6.0/10
In: 191.168+/-0.000 χ^2/NDF:3354820535887615 5
Right Out: -461.497+/-0.000 χ^2/NDF: 4047374666009135592806330688436856422 4.0/15
Out: -195.148+/-0.000 χ^2/NDF:227378757168786
Left In: -56.573+/-0.000 χ^2/NDF:1665213431970099717536582031122712494 08.0/9
All: -2.312+/-0.000 χ^2/NDF: 6749022550186

dit_sam5_coil3_err_mean vs Slug, Sign Corrected

Left: 0.383+/-0.000 χ^2/NDF: 65885394549150532
Right In: 88.493+/-0.000 χ^2/NDF: 6432311551930355126258179632089006 08.0/14
Right: -0.339+/-0.000 χ^2/NDF: 1180687368969666
Left Out: 61.998+/-0.000 χ^2/NDF:196056654804673555639826198030188544.0/10
In: 4.127+/-0.000 χ^2/NDF:887548626368065094
Right Out: -86.773+/-0.000 χ^2/NDF: 1059206766314086021240525003228708864.0/15
Out: -3.979+/-0.000 χ^2/NDF:94709795942755384
Left In: -60.289+/-0.000 χ^2/NDF:858827906223830220733955104089047 04.0/9
All: 0.067+/-0.000 χ^2/NDF: 1839579883807

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -75.027+/-0.000 χ^2/NDF: 2541810531828234

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1146.849+/-0.000 χ^2/NDF:321039178253366416118821046302655119 36.0/10

In: -246.775+/-0.000 χ^2/NDF:2150949503105541

Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 191.250+/-0.000 χ^2/NDF:1824634039753475

Left In: -1278.216+/-0.000 χ^2/NDF:295654384588698117963595394998484336 64.0/9

All: -27.398+/-0.000 χ^2/NDF: 41196265890 8

dit_sam6_coil3_mean vs Slug, Sign Corrected

Left: 332.955+/-0.000 χ^2/NDF: 5032354099800805
Right In: -1299.904+/-0.000 χ^2/NDF: 11996492521632163670864086915775243223 04.0/14
Right: -158.600+/-0.000 χ^2/NDF: 37088904648604
Left Out: -5122.547+/-0.000 χ^2/NDF:52843574525517012599249996339645461299 2.0/10
In: 2672.201+/-0.000 χ^2/NDF:196112865565169
Right Out: 951.903+/-0.000 χ^2/NDF: 84131469686365704417446828421708932710 4.0/15
Out: -2428.625+/-0.000 χ^2/NDF:15066495139309
Left In: 5705.020+/-0.000 χ^2/NDF:35367060901163647912959013622407757824 0.0/9
All: 117.542+/-0.000 χ^2/NDF: 54211064242

dit_sam6_coil3_err_mean vs Slug, Sign Corrected

Left: -6.729+/-0.000 χ^2/NDF: 37441500041946521

Right In: 114.118+/-0.000 χ^2/NDF: 607226770891525118881736460452495360.0/14

Right: 2.610+/-0.000 χ^2/NDF: 17380785718088446

Left Out: 141.868+/-0.000 χ^2/NDF:4146752107989096949384769992604241920.0/10

In: -37.380+/-0.000 χ^2/NDF:27221884136804144

Right Out: -105.890+/-0.000 χ^2/NDF: 851861355270591521058611007535972352.0/15

Out: 31.992+/-0.000 χ^2/NDF:24051985719273051

Left In: -153.053+/-0.000 χ^2/NDF:3459147586416568540971874629441290 24.0/9

All: -2.636+/-0.000 χ^2/NDF: 5488675327012

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -75.027+/-0.000 χ^2/NDF: 2541810531828234

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1146.849+/-0.000 χ^2/NDF:321039178253366416118821046302655119 36.0/10

In: -246.775+/-0.000 χ^2/NDF:2150949503105541

Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 191.250+/-0.000 χ^2/NDF:1824634039753475

Left In: -1278.216+/-0.000 χ^2/NDF:295654384588698117963595394998484336 64.0/9

All: -27.398+/-0.000 χ^2/NDF: 41196265890 8

dit_sam7_coil3_mean vs Slug, Sign Corrected

Left: -146.252+/-0.000 χ^2/NDF: 316260783351537

Right In: 2323.372+/-0.000 χ^2/NDF: 476371189888349375964725620757728591872.0/14

Right: 85.258+/-0.000 χ^2/NDF: 7257650695936348

Left Out: 4160.590+/-0.000 χ^2/NDF:5431862253399206662958955043786378444480.0/10

In: -1481.837+/-0.000 χ^2/NDF:173182262833116

Right Out: -2092.458+/-0.000 χ^2/NDF: 367126080872166122663684022473339174912.0/15

Out: 1387.463+/-0.000 χ^2/NDF:154243087139731

Left In: -4387.225+/-0.000 χ^2/NDF:269496277259890960670221813712137748480.0/9

All: -44.798+/-0.000 χ^2/NDF: 389233526407

dit_sam7_coil3_err_mean vs Slug, Sign Corrected

Left: -2.944+/-0.000 χ^2/NDF: 18331748268103476

Right In: 122.622+/-0.000 χ^2/NDF: 5937504661187691145903235842749497344.0/14

Right: -2.485+/-0.000 χ^2/NDF: 3252911350198687

Left Out: 101.330+/-0.000 χ^2/NDF:1747573006109556803933498085904220 16.0/10

In: -6.803+/-0.000 χ^2/NDF:252040433980962386

Right Out: -124.216+/-0.000 χ^2/NDF: 6549627589629012958791202941129719808.0/15

Out: 1.304+/-0.000 χ^2/NDF:25607629522612705 5

Left In: -105.623+/-0.000 χ^2/NDF:9457953137131302311473375692718 0800.0/9

All: -2.743+/-0.000 χ^2/NDF: 5086101729826

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -75.027+/-0.000 χ^2/NDF: 2541810531828234

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1146.849+/-0.000 χ^2/NDF:321039178253366416118821046302655119 36.0/10

In: -246.775+/-0.000 χ^2/NDF:2150949503105541

Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 191.250+/-0.000 χ^2/NDF:1824634039753475

Left In: -1278.216+/-0.000 χ^2/NDF:295654384588698117963595394998484336 64.0/9

All: -27.398+/-0.000 χ^2/NDF: 41196265890 8

dit_sam8_coil3_mean vs Slug, Sign Corrected

Left: -179.191+/-0.000 χ^2/NDF: 184446142090519

Right In: 1761.245+/-0.000 χ^2/NDF: 332206925976055306953064744993096204288.0/14

Right: 118.557+/-0.000 χ^2/NDF: 405096794129398

Left Out: 3117.578+/-0.000 χ^2/NDF:315100563247030224345760678845266001920.0/10

In: -1179.893+/-0.000 χ^2/NDF:103072014492436

Right Out: -1479.801+/-0.000 χ^2/NDF: 263467768134780968832551238609236131840.0/15

Out: 1078.714+/-0.000 χ^2/NDF:842412780590597

Left In: -3425.539+/-0.000 χ^2/NDF:744695880591603463404325208491399577 60.0/9

All: -48.709+/-0.000 χ^2/NDF: 225611231947

dit_sam8_coil3_err_mean vs Slug, Sign Corrected

Right In: 82.422+/-0.000 χ^2/NDF: 1263633347129443757477527241185296384.0/14

Left Out: 77.983+/-0.000 χ^2/NDF:1114340002197440523058893049760317 44.0/10

Right Out: -77.430+/-0.000 χ^2/NDF: 1515456409368458038568290276111024128.0/15

Left In: -83.380+/-0.000 χ^2/NDF:7714676638093689675131737705598 1568.0/9

Left: -3.320+/-0.000 χ^2/NDF: 11169405865844123

Right: 1.403+/-0.000 χ^2/NDF: 1118435067130950 6

In: -11.595+/-0.000 χ^2/NDF:1145753453364227 2

Out: 9.060+/-0.000 χ^2/NDF:1059243273113601 65

All: -1.250+/-0.000 χ^2/NDF: 2237024859749

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -75.027+/-0.000 χ^2/NDF: 2541810531828234

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1146.849+/-0.000 χ^2/NDF:321039178253366416118821046302655119 36.0/10

In: -246.775+/-0.000 χ^2/NDF:2150949503105541

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 191.250+/-0.000 χ^2/NDF:1824634039753475

Left In: -1278.216+/-0.000 χ^2/NDF:2956543845886981179635953949984843366 4.0/9

All: -27.398+/-0.000 χ^2/NDF: 41196265890 8

dit_4aX_coil7_mean vs Slug, Sign Corrected

Left: -1.584+/-0.000 χ^2/NDF: 16249007810865891

Right In: 164.752+/-0.000 χ^2/NDF: 636982894318183391742569991655496089 6.0/14

Right: -4.461+/-0.000 χ^2/NDF: 4907468178563624

Left Out: 28.661+/-0.000 χ^2/NDF:604971982487817428991357482287759 36.0/10

In: 53.543+/-0.000 χ^2/NDF:20569323461004897 6

Right Out: -169.108+/-0.000 χ^2/NDF: 604072180204293682276691068781907 1488.0/15

Out: -59.046+/-0.000 χ^2/NDF:206196052921831 6

Left In: -31.367+/-0.000 χ^2/NDF:447450324424147421366725662757355 52.0/9

All: -2.845+/-0.000 χ^2/NDF: 5070570037044

dit_4aX_coil7_err_mean vs Slug, Sign Corrected

Left: -0.276+/-0.000 χ^2/NDF: 67895809837608610

Right In: 7.738+/-0.000 χ^2/NDF: 151272154792345060074694927680798 72.0/14

Right: 0.240+/-0.000 χ^2/NDF: 98424389249981268

Left Out: 5.938+/-0.000 χ^2/NDF:172573578457815505295074739722649 6.0/10

In: -0.275+/-0.000 χ^2/NDF:906649191224386882

Right Out: -7.057+/-0.000 χ^2/NDF: 112924412041393947923412427535810 56.0/15

Out: 0.175+/-0.000 χ^2/NDF:756993362688083847

Left In: -6.394+/-0.000 χ^2/NDF:203851484890440664240513796695654 4.0/9

All: -0.050+/-0.000 χ^2/NDF: 1665163390091

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -43.046+/-0.000 χ^2/NDF: 2394899504222941

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1142.908+/-0.000 χ^2/NDF:4269491745778013994300090513244343500 8.0/10

In: -244.270+/-0.000 χ^2/NDF:1890511300629015

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 216.003+/-0.000 χ^2/NDF:1731984354649156

Left In: -1210.862+/-0.000 χ^2/NDF:1574927118322852558181072174864924672 0.0/9

All: -13.750+/-0.000 χ^2/NDF: 378154195685

dit_4eX_coil7_mean vs Slug, Sign Corrected

Left: -1.479+/-0.000 χ^2/NDF: 14647520407678209

Right In: 141.032+/-0.000 χ^2/NDF: 4507992585512923332587415612245934080.0/14

Right: -3.577+/-0.000 χ^2/NDF: 3555338643006251

Left Out: 27.118+/-0.000 χ^2/NDF:611249049561166140289942683522170 88.0/10

In: 44.254+/-0.000 χ^2/NDF:15272710880487526

Right Out: -144.283+/-0.000 χ^2/NDF: 4268333571517740886065361663928827904.0/15

Out: -48.896+/-0.000 χ^2/NDF:1523452557989519

Left In: -29.639+/-0.000 χ^2/NDF:4513668230023887150711990449602560 0.0/9

All: -2.398+/-0.000 χ^2/NDF: 3702139171783

dit_4eX_coil7_err_mean vs Slug, Sign Corrected

Left: -0.270+/-0.000 χ^2/NDF: 59123032745805913

Right In: 7.198+/-0.000 χ^2/NDF: 18212640728502785337831966963138560.0/14

Right: 0.232+/-0.000 χ^2/NDF: 94430884745367791

Left Out: 5.545+/-0.000 χ^2/NDF:13601242870941629167060534102589 44.0/10

In: -0.284+/-0.000 χ^2/NDF:83863077869289348 5

Right Out: -6.547+/-0.000 χ^2/NDF: 14078912505116068936230809834094592.0/15

Out: 0.183+/-0.000 χ^2/NDF:69713371819114533 9

Left In: -5.996+/-0.000 χ^2/NDF:15839333162994062783195651453747 20.0/9

All: -0.050+/-0.000 χ^2/NDF: 1537399488973

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -43.046+/-0.000 χ^2/NDF: 2394899504222941

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1142.908+/-0.000 χ^2/NDF:4269491745778013994300090513244343500 8.0/10

In: -244.270+/-0.000 χ^2/NDF:1890511300629015

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 216.003+/-0.000 χ^2/NDF:1731984354649156

Left In: -1210.862+/-0.000 χ^2/NDF:1574927118322852558181072174864924672 0.0/9

All: -13.750+/-0.000 χ^2/NDF: 378154195685

dit_11X12X_coil7_mean vs Slug, Sign Corrected

Left: 19.234+/-0.000 χ^2/NDF: 3023382735565889
Right In: -397.613+/-0.000 χ^2/NDF: 2661280785384633207096106229474263040.0/14
Right: 4.100+/-0.000 χ^2/NDF: 2129834298843728
Left Out: -404.152+/-0.000 χ^2/NDF:3425484244508745413828902104294490112.0/10
In: 75.165+/-0.000 χ^2/NDF:25961891411015444
Right Out: 394.973+/-0.000 χ^2/NDF: 3685595513427183501596165280874102784.0/15
Out: -49.753+/-0.000 χ^2/NDF:2441570265536982
Left In: 436.145+/-0.000 χ^2/NDF:1132905396241584181970943908186685440.0/9
All: 12.602+/-0.000 χ^2/NDF: 515491032512

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected

Left: 0.089+/-0.000 χ^2/NDF: 18218937653852326
Right In: 11.089+/-0.000 χ^2/NDF: 1423599112201498447816335126691840 0.0/14
Right: 0.031+/-0.000 χ^2/NDF: 1855646914967822
Left Out: 10.211+/-0.000 χ^2/NDF:918228450147215962247431583065702 4.0/10
In: -0.800+/-0.000 χ^2/NDF:178832302929207675
Right Out: -10.728+/-0.000 χ^2/NDF: 1476723829072526090808112443713126 4.0/15
Out: 0.925+/-0.000 χ^2/NDF:186689931544643401
Left In: -9.878+/-0.000 χ^2/NDF:2818338704298161849216829503832064.0/9
All: 0.064+/-0.000 χ^2/NDF: 3677565329957

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -43.046+/-0.000 χ^2/NDF: 2394899504222941

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1142.908+/-0.000 χ^2/NDF:4269491745778013994300090513244343500 8.0/10

In: -244.270+/-0.000 χ^2/NDF:1890511300629015

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 216.003+/-0.000 χ^2/NDF:1731984354649156

Left In: -1210.862+/-0.000 χ^2/NDF:1574927118322852558181072174864924672 0.0/9

All: -13.750+/-0.000 χ^2/NDF: 378154195685

dit_4aY_coil7_mean vs Slug, Sign Corrected

Left: 0.080+/-0.000 χ^2/NDF: 19532049314889429

Right In: -9.582+/-0.000 χ^2/NDF: 1470267998394000282080647196337766 4.0/14

Right: -0.564+/-0.000 χ^2/NDF: 1371493250181668

Left Out: -10.238+/-0.000 χ^2/NDF:9470185567085375121630605361545216.0/10

In: 1.658+/-0.000 χ^2/NDF:1683022492962349015

Right Out: 8.211+/-0.000 χ^2/NDF: 1830423729383596146560575420445491 2.0/15

Out: -2.056+/-0.000 χ^2/NDF:1541171943628388 8

Left In: 10.241+/-0.000 χ^2/NDF:8992821353755545564904825120882688.0/9

All: -0.202+/-0.000 χ^2/NDF: 3327764897583

dit_4aY_coil7_err_mean vs Slug, Sign Corrected

Left: 0.023+/-0.000 χ^2/NDF: 48114020501940255
Right In: 2.367+/-0.000 χ^2/NDF: 9206332945461528769220667674460 16.0/14
Right: 0.079+/-0.000 χ^2/NDF: 8387735383882358
Left Out: 1.675+/-0.000 χ^2/NDF:18374796279453519896510287839232 0.0/10
In: 0.116+/-0.000 χ^2/NDF:6818046621845414116
Right Out: -2.147+/-0.000 χ^2/NDF: 7641719924802244786561275553382 40.0/15
Out: -0.020+/-0.000 χ^2/NDF:6369388126866764 4
Left In: -1.602+/-0.000 χ^2/NDF:9906587182956355469437565717708 8.0/9
All: 0.048+/-0.000 χ^2/NDF: 1320142174019 1

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -43.046+/-0.000 χ^2/NDF: 2394899504222941

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1142.908+/-0.000 χ^2/NDF:4269491745778013994300090513244343500 8.0/10

In: -244.270+/-0.000 χ^2/NDF:1890511300629015

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 216.003+/-0.000 χ^2/NDF:1731984354649156

Left In: -1210.862+/-0.000 χ^2/NDF:1574927118322852558181072174864924672 0.0/9

All: -13.750+/-0.000 χ^2/NDF: 378154195685

dit_4eY_coil7_mean vs Slug, Sign Corrected

Left: -0.274+/-0.000 χ^2/NDF: 13580667220696368

Right In: -8.139+/-0.000 χ^2/NDF: 14676442649222120372533779893321728.0/14

Right: -0.537+/-0.000 χ^2/NDF: 1051474549999360

Left Out: -8.984+/-0.000 χ^2/NDF:2544629823010847326102417892704256.0/10

In: 1.184+/-0.000 χ^2/NDF:121400670846734732

Right Out: 6.859+/-0.000 χ^2/NDF: 16483631561591790731352632153079808.0/15

Out: -1.958+/-0.000 χ^2/NDF:11219437425260372

Left In: 8.302+/-0.000 χ^2/NDF:7251000583069947323375141678743552.0/9

All: -0.390+/-0.000 χ^2/NDF: 2410053039020

dit_4eY_coil7_err_mean vs Slug, Sign Corrected

Left: 0.000+/-0.000 χ^2/NDF: 44766554557488433

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: 1.620+/-0.000 χ^2/NDF:6826179717938744624002188391 2192.0/10

In: 0.070+/-0.000 χ^2/NDF:614909523386525921 7

Right Out: -2.025+/-0.000 χ^2/NDF: 5787174417629564546165055999180 80.0/15

Out: 0.003+/-0.000 χ^2/NDF:5578488195616998 35

Left In: -1.594+/-0.000 χ^2/NDF:5330801020239217157957701389516 8.0/9

All: 0.037+/-0.000 χ^2/NDF: 1173099185240 9

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -43.046+/-0.000 χ^2/NDF: 2394899504222941

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1142.908+/-0.000 χ^2/NDF:4269491745778013994300090513244343500 8.0/10

In: -244.270+/-0.000 χ^2/NDF:1890511300629015

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 216.003+/-0.000 χ^2/NDF:1731984354649156

Left In: -1210.862+/-0.000 χ^2/NDF:1574927118322852558181072174864924672 0.0/9

All: -13.750+/-0.000 χ^2/NDF: 378154195685

dit_usl_coil7_mean vs Slug, Sign Corrected

Left: -1394.402+/-0.000 χ^2/NDF: 51643342306629

Right In: 8703.332+/-0.000 χ^2/NDF: 19501133067308426859536304500819191922688.0/14

Right: -1049.596+/-0.000 χ^2/NDF: 1875271262832

Left Out: 16911.452+/-0.000 χ^2/NDF:10174710887899263643737655656968773173248.0/9

In: -6425.808+/-0.000 χ^2/NDF:295957066151820

Right Out: -10539.327+/-0.000 χ^2/NDF: 462266842278361092733940625697537586626 56.0/15

Out: 4169.859+/-0.000 χ^2/NDF:32572172889011

Left In: -17977.352+/-0.000 χ^2/NDF:1448329674301918004545234245695881976 2176.0/9

All: -1239.850+/-0.000 χ^2/NDF: 7040468798

dit_usl_coil7_err_mean vs Slug, Sign Corrected

Left: -38.433+/-0.000 χ^2/NDF: 6580926320072737

Right In: 599.849+/-0.000 χ^2/NDF: 8925896110037324430933720871563847270 4.0/14

Right: -20.227+/-0.000 χ^2/NDF: 6830471042435100

Left Out: 617.688+/-0.000 χ^2/NDF:1854142658310349164388097145948654796 8.0/9

In: -99.119+/-0.000 χ^2/NDF:6562138329586417 9

Right Out: -623.569+/-0.000 χ^2/NDF: 1014488454792976030441526181268794900 48.0/15

Out: 41.545+/-0.000 χ^2/NDF:6706499764625779 3

Left In: -632.802+/-0.000 χ^2/NDF:7786764439691337251774383060435337216.0/9

All: -30.272+/-0.000 χ^2/NDF: 1341380431 53

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -97.172+/-0.000 χ^2/NDF: 2275399769555462

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1132.226+/-0.000 χ^2/NDF:4159730499805102768294938286730772480 0.0/9

In: -244.270+/-0.000 χ^2/NDF:1890511300629015

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 167.062+/-0.000 χ^2/NDF:1654721526923735

Left In: -1210.862+/-0.000 χ^2/NDF:1574927118322852558181072174864924672 0.0/9

All: -42.947+/-0.000 χ^2/NDF: 366936552065

dit_usr_coil7_mean vs Slug, Sign Corrected

Left: -611.164+/-0.000 χ^2/NDF: 625784537498912
Right In: 25232.229+/-0.000 χ^2/NDF: 2453458197477203101630463386353863229440 0.0/14
Right: -532.226+/-0.000 χ^2/NDF: 89888992461613
Left Out: 18656.628+/-0.000 χ^2/NDF:4282886233292414721953771123490447949824.0/10
In: -180.731+/-0.000 χ^2/NDF:7684788233895603
Right Out: -25601.388+/-0.000 χ^2/NDF: 2435975758796451082765081984727048309964 8.0/15
Out: -971.096+/-0.000 χ^2/NDF:755731270784276
Left In: -19584.273+/-0.000 χ^2/NDF:4785181913774288839821946127903461736448.0/9
All: -576.571+/-0.000 χ^2/NDF: 1524679068 8

dit_usr_coil7_err_mean vs Slug, Sign Corrected

Right In: 818.668+/-0.000 χ^2/NDF: 1056065270969119744894968023183733555 20.0/14

Left Out: 597.290+/-0.000 χ^2/NDF:1867494319273680816338466291948768460 8.0/10

Right Out: -749.661+/-0.000 χ^2/NDF: 7797269183460570870614546125066915020 8.0/15

Left In: -590.501+/-0.000 χ^2/NDF:9869705477627151320874104728649203712.0/9

Left: -1.182+/-0.000 χ^2/NDF: 6235338968774395 2

Right: 23.778+/-0.000 χ^2/NDF: 9926549473307925

In: 19.606+/-0.000 χ^2/NDF:8462582659778562 16

Out: -0.061+/-0.000 χ^2/NDF:7701007303968322 8

All: 9.756+/-0.000 χ^2/NDF: 1616649402619 0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -43.046+/-0.000 χ^2/NDF: 2394899504222941

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1142.908+/-0.000 χ^2/NDF:4269491745778013994300090513244343500 8.0/10

In: -244.270+/-0.000 χ^2/NDF:1890511300629015

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 216.003+/-0.000 χ^2/NDF:1731984354649156

Left In: -1210.862+/-0.000 χ^2/NDF:1574927118322852558181072174864924672 0.0/9

All: -13.750+/-0.000 χ^2/NDF: 378154195685

dit_atl1_coil7_mean vs Slug, Sign Corrected

Left: -1071.821+/-0.000 χ^2/NDF: 31671966276592

Right In: 4145.268+/-0.000 χ^2/NDF: 763693998395064689637972381933507648159744.0/14

Right: -3504.625+/-0.000 χ^2/NDF: 1712578788282

Left Out: 11348.016+/-0.000 χ^2/NDF:3507980902707255761795467460613809949900 8.0/10

In: -5747.947+/-0.000 χ^2/NDF:901111757213712

Right Out: -10948.073+/-0.000 χ^2/NDF: 873949668510327201514601463115396191092736.0/15

Out: 1460.056+/-0.000 χ^2/NDF:109355687235187

Left In: -13301.708+/-0.000 χ^2/NDF:253960252773278143394200790693516893224 96.0/9

All: -2137.945+/-0.000 χ^2/NDF: 2033673972

dit_atl1_coil7_err_mean vs Slug, Sign Corrected

Left: -10.314+/-0.000 χ^2/NDF: 5961639827821595

Right In: 1062.141+/-0.000 χ^2/NDF: 952806231926530012715872184655778152448.0/14

Right: -432.638+/-0.000 χ^2/NDF: 93397475225812

Left Out: 574.723+/-0.000 χ^2/NDF:158964205324575773185637304166609059 84.0/10

In: 127.342+/-0.000 χ^2/NDF:19646433496472338

Right Out: -1887.077+/-0.000 χ^2/NDF: 552587271836384562036602938756905828 3520.0/15

Out: -517.046+/-0.000 χ^2/NDF:779138844178910

Left In: -586.404+/-0.000 χ^2/NDF:116910777655711720032315635089067212 80.0/9

All: -195.388+/-0.000 χ^2/NDF: 10067769296

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -43.046+/-0.000 χ^2/NDF: 2394899504222941

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1142.908+/-0.000 χ^2/NDF:4269491745778013994300090513244343 5008.0/10

In: -244.270+/-0.000 χ^2/NDF:1890511300629015

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819 6480.0/15

Out: 216.003+/-0.000 χ^2/NDF:1731984354649156

Left In: -1210.862+/-0.000 χ^2/NDF:1574927118322852558181072174864924 6720.0/9

All: -13.750+/-0.000 χ^2/NDF: 378154195685

dit_atl2_coil7_mean vs Slug, Sign Corrected

Left: -9794.617+/-0.000 χ^2/NDF: 26516807426912

Right In: 80102.504+/-0.000 χ^2/NDF: 2545217840972586547236075226317424657694 72.0/14

Right: -443.492+/-0.000 χ^2/NDF: 88479516524724

Left Out: 113775.402+/-0.000 χ^2/NDF:1016391338486677360998487585630976655491072.0/10

In: -39871.250+/-0.000 χ^2/NDF:16863212271082

Right Out: -78815.832+/-0.000 χ^2/NDF: 2860769192178110994344704422319981854720 00.0/15

Out: 28364.263+/-0.000 χ^2/NDF:15070646753440

Left In: -131474.741+/-0.000 χ^2/NDF:1346584995050192824358248473787900352266 24.0/9

All: -5696.688+/-0.000 χ^2/NDF: 3542940533

dit_atl2_coil7_err_mean vs Slug, Sign Corrected

Left: -84.698+/-0.000 χ^2/NDF: 1807499501181106

Right In: 2662.183+/-0.000 χ^2/NDF: 10313892301656401578644397055833674874 88.0/14

Right: -17.413+/-0.000 χ^2/NDF: 117922842657675

Left Out: 3088.858+/-0.000 χ^2/NDF:1074271075348804071121341747753318875136.0/10

In: -667.447+/-0.000 χ^2/NDF:1399018473524997

Right Out: -2624.696+/-0.000 χ^2/NDF: 1566705216866534713590934835660406652928.0/15

Out: 554.988+/-0.000 χ^2/NDF:147585634568207 2

Left In: -3209.718+/-0.000 χ^2/NDF:2700273144472767933292079752532973322 24.0/9

All: -55.212+/-0.000 χ^2/NDF: 298706262902

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -43.046+/-0.000 χ^2/NDF: 2394899504222941

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1142.908+/-0.000 χ^2/NDF:4269491745778013994300090513244343500 8.0/10

In: -244.270+/-0.000 χ^2/NDF:1890511300629015

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 216.003+/-0.000 χ^2/NDF:1731984354649156

Left In: -1210.862+/-0.000 χ^2/NDF:1574927118322852558181072174864924672 0.0/9

All: -13.750+/-0.000 χ^2/NDF: 378154195685

dit_atr1_coil7_mean vs Slug, Sign Corrected

Left: 111.411+/-0.000 χ^2/NDF: 1815839586442842
Right In: 3390.550+/-0.000 χ^2/NDF: 6587192744155325672417919455628017375641 6.0/14
Right: 66.728+/-0.000 χ^2/NDF: 2177723560844725
Left Out: 9187.991+/-0.000 χ^2/NDF:2134218058425089815186094218299015639859 2.0/10
In: -3536.979+/-0.000 χ^2/NDF:144183764308641
Right Out: -3167.396+/-0.000 χ^2/NDF: 1377538866772411444604625318816875680890 88.0/15
Out: 3708.574+/-0.000 χ^2/NDF:215761231054743
Left In: -8826.351+/-0.000 χ^2/NDF:2338505858309671724397034517493698265088 0.0/9
All: 91.830+/-0.000 χ^2/NDF: 399357790759

dit_atr1_coil7_err_mean vs Slug, Sign Corrected

Left: -13.339+/-0.000 χ^2/NDF: 7063891416594909

Right In: 893.683+/-0.000 χ^2/NDF: 3345836190786310089324042282273593098 24.0/14

Right: -187.395+/-0.000 χ^2/NDF: 48021156818850

Left Out: 630.798+/-0.000 χ^2/NDF:1148865148290663365714280410026449305 6.0/10

In: 19.692+/-0.000 χ^2/NDF:1214491555758348 31

Right Out: -1239.298+/-0.000 χ^2/NDF: 2970990859486483990408108918937565003776.0/15

Out: -198.560+/-0.000 χ^2/NDF:428064927493431

Left In: -647.625+/-0.000 χ^2/NDF:5647801198571049492143195106830188544.0/9

All: -89.615+/-0.000 χ^2/NDF: 553090199554

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -43.046+/-0.000 χ^2/NDF: 2394899504222941

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1142.908+/-0.000 χ^2/NDF:4269491745778013994300090513244343500 8.0/10

In: -244.270+/-0.000 χ^2/NDF:1890511300629015

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 216.003+/-0.000 χ^2/NDF:1731984354649156

Left In: -1210.862+/-0.000 χ^2/NDF:1574927118322852558181072174864924672 0.0/9

All: -13.750+/-0.000 χ^2/NDF: 378154195685

dit_atr2_coil7_mean vs Slug, Sign Corrected

Left: -4633.607+/-0.000 χ^2/NDF: 22407560184918

Right In: 121016.482+/-0.000 χ^2/NDF: 35871385640430355498778497598360966817382 4.0/14

Right: -1170.810+/-0.000 χ^2/NDF: 2030444568824

Left Out: 110870.491+/-0.000 χ^2/NDF:16652183548962480820797280282355701068595 2.0/10

In: -14727.018+/-0.000 χ^2/NDF:2152683325180 1

Right Out: -120060.693+/-0.000 χ^2/NDF: 82841978234670760144862031001413595273625 6.0/15

Out: 8456.196+/-0.000 χ^2/NDF:2079053941430 17

Left In: -118371.172+/-0.000 χ^2/NDF:78658056188444839996080240086341881167872.0/9

All: -3116.111+/-0.000 χ^2/NDF: 4272087069

dit_atr2_coil7_err_mean vs Slug, Sign Corrected

Left: 13.206+/-0.000 χ^2/NDF: 1467254619988136
Right In: 3329.488+/-0.000 χ^2/NDF: 567034774398456376227526824513721335808.0/14
Right: -473.285+/-0.000 χ^2/NDF: 32582486462967
Left Out: 2894.288+/-0.000 χ^2/NDF:659476081963254599055514088354265169920.0/10
In: -159.709+/-0.000 χ^2/NDF:1472517933760509
Right Out: -4173.434+/-0.000 χ^2/NDF: 1349824655153799240009500315468246810624 0.0/15
Out: -240.134+/-0.000 χ^2/NDF:326999675978492
Left In: -2823.813+/-0.000 χ^2/NDF:224066085754679819342225770361391153152.0/9
All: -199.988+/-0.000 χ^2/NDF: 47430002926

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -43.046+/-0.000 χ^2/NDF: 2394899504222941

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1142.908+/-0.000 χ^2/NDF:4269491745778013994300090513244343 5008.0/10

In: -244.270+/-0.000 χ^2/NDF:1890511300629015

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819 6480.0/15

Out: 216.003+/-0.000 χ^2/NDF:1731984354649156

Left In: -1210.862+/-0.000 χ^2/NDF:1574927118322852558181072174864924 6720.0/9

All: -13.750+/-0.000 χ^2/NDF: 378154195685

dit_sam1_coil7_mean vs Slug, Sign Corrected

Left: 23.133+/-0.000 χ^2/NDF: 2328016669754156

Right In: -1268.061+/-0.000 χ^2/NDF: 109228076028883385607047049080064704512 0/14

Right: 41.017+/-0.000 χ^2/NDF: 4385100658196815

Left Out: -34.685+/-0.000 χ^2/NDF:1192996448537106784619216458797495091 2.0/10

In: -503.612+/-0.000 χ^2/NDF:1766919605841961

Right Out: 1314.767+/-0.000 χ^2/NDF: 1098471313864079013714609379653260935168.0/15

Out: 563.776+/-0.000 χ^2/NDF:178635721080496

Left In: 80.066+/-0.000 χ^2/NDF:579703930456331344955009987467490099 2.0/9

All: 30.970+/-0.000 χ^2/NDF: 4408617285055

dit_sam1_coil7_err_mean vs Slug, Sign Corrected

Left: -6.099+/-0.000 χ^2/NDF: 21169494158525368

Right In: 202.191+/-0.000 χ^2/NDF: 702794105275284906636904065061512806 4.0/14

Right: 4.870+/-0.000 χ^2/NDF: 63114316335759506

Left Out: 104.244+/-0.000 χ^2/NDF:5777186671083889191009678211520921 60.0/10

In: 22.468+/-0.000 χ^2/NDF:44362115756223280 5

Right Out: -187.126+/-0.000 χ^2/NDF: 623002949160552474693651580994138 9312.0/15

Out: -24.974+/-0.000 χ^2/NDF:3832087548278985

Left In: -114.755+/-0.000 χ^2/NDF:3657027119454245400847122729124495 36.0/9

All: -1.292+/-0.000 χ^2/NDF: 8437276746495

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -43.046+/-0.000 χ^2/NDF: 2394899504222941

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1142.908+/-0.000 χ^2/NDF:4269491745778013994300090513244343500 8.0/10

In: -244.270+/-0.000 χ^2/NDF:1890511300629015

Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

Out: 216.003+/-0.000 χ^2/NDF:1731984354649156

Left In: -1210.862+/-0.000 χ^2/NDF:157492711832285255818107217486492467 20.0/9

All: -13.750+/-0.000 χ^2/NDF: 378154195685

dit_sam2_coil7_mean vs Slug, Sign Corrected

Left: 299.883+/-0.000 χ^2/NDF: 3212561885677165

Right In: -32594.962+/-0.000 χ^2/NDF: 2091503692070005644897245290209225201418 24.0/14

Right: 1587.778+/-0.000 χ^2/NDF: 19264741132603

Left Out: -3868.763+/-0.000 χ^2/NDF:1874218438172416733259199413133431013376.0/10

In: -11614.459+/-0.000 χ^2/NDF:71433531517149

Right Out: 34848.046+/-0.000 χ^2/NDF: 2211277020248117192325594340973249675919 36.0/15

Out: 13301.524+/-0.000 χ^2/NDF:7794217012865 5

Left In: 4404.772+/-0.000 χ^2/NDF:1383742706921863260705550529496480743424.0/9

All: 864.275+/-0.000 χ^2/NDF: 19598259764 7

dit_sam2_coil7_err_mean vs Slug, Sign Corrected

Left: -34.960+/-0.000 χ^2/NDF: 2229182433317410

Right In: 1958.835+/-0.000 χ^2/NDF: 1189322999631358431600643692981190131712.0/14

Right: 55.033+/-0.000 χ^2/NDF: 6785490652460108

Left Out: 1105.661+/-0.000 χ^2/NDF:36135436080159968502894168388633886720.0/10

In: 191.373+/-0.000 χ^2/NDF:4796547060431717

Right Out: -1797.392+/-0.000 χ^2/NDF: 9550966238799581956571950746142402150 40.0/15

Out: -181.797+/-0.000 χ^2/NDF:411956744703406

Left In: -1158.136+/-0.000 χ^2/NDF:3180104149339530279865699434032529408 0.0/9

All: 4.477+/-0.000 χ^2/NDF: 9020660400962

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -43.046+/-0.000 χ^2/NDF: 2394899504222941

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1142.908+/-0.000 χ^2/NDF:4269491745778013994300090513244343500 8.0/10

In: -244.270+/-0.000 χ^2/NDF:1890511300629015

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 216.003+/-0.000 χ^2/NDF:1731984354649156

Left In: -1210.862+/-0.000 χ^2/NDF:1574927118322852558181072174864924672 0.0/9

All: -13.750+/-0.000 χ^2/NDF: 378154195685

dit_sam3_coil7_mean vs Slug, Sign Corrected

Left: 83.713+/-0.000 χ^2/NDF: 2121765933810032

Right In: -18068.550+/-0.000 χ^2/NDF: 8431215644353355341776093349775376016998 4.0/14

Right: 155.704+/-0.000 χ^2/NDF: 587997392225656

Left Out: -3361.109+/-0.000 χ^2/NDF:770097860619529300232360309031650197504.0/10

In: -5851.913+/-0.000 χ^2/NDF:255863473877285

Right Out: 17888.149+/-0.000 χ^2/NDF: 784059156129142528698752310687953930158 08.0/15

Out: 6062.598+/-0.000 χ^2/NDF:246782562167714

Left In: 3475.849+/-0.000 χ^2/NDF:734455058715453822291773713265138335744.0/9

All: 115.261+/-0.000 χ^2/NDF: 60921888312

dit_sam3_coil7_err_mean vs Slug, Sign Corrected

Right In: 958.411+/-0.000 χ^2/NDF: 2647331050585228222781371970707395706 88.0/14

Left Out: 715.134+/-0.000 χ^2/NDF:4384906980317094876974494635740941516 8.0/10

Right Out: -867.538+/-0.000 χ^2/NDF: 2161298515451667141222523176044881510 40.0/15

Left In: -721.017+/-0.000 χ^2/NDF:2865943610717026769968096205629659545 6.0/9

Left: -8.475+/-0.000 χ^2/NDF: 9423289286693968 3

Right: 32.949+/-0.000 χ^2/NDF: 1577572239072451

In: 6.100+/-0.000 χ^2/NDF:1331362414989524064

Out: 13.244+/-0.000 χ^2/NDF:1189769036844320 6

All: 9.678+/-0.000 χ^2/NDF: 2521169772133 2

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -43.046+/-0.000 χ^2/NDF: 2394899504222941

Right In: 1021.684+/-0.000 χ^2/NDF: 40493101470870278397836276403592495104.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1142.908+/-0.000 χ^2/NDF:42694917457780139943000905132443435008.0/10

In: -244.270+/-0.000 χ^2/NDF:1890511300629015

Right Out: -947.145+/-0.000 χ^2/NDF: 67784656011936521511169668028018196480.0/15

Out: 216.003+/-0.000 χ^2/NDF:1731984354649156

Left In: -1210.862+/-0.000 χ^2/NDF:15749271183228525581810721748649246720.0/9

All: -13.750+/-0.000 χ^2/NDF: 378154195685

dit_sam4_coil7_mean vs Slug, Sign Corrected

Left: 110.508+/-0.000 χ^2/NDF: 9818877392341640

Right In: -28868.624+/-0.000 χ^2/NDF: 261450701095727362961367657926584124309504.0/14

Right: -242.630+/-0.000 χ^2/NDF: 15588395560755

Left Out: -7355.073+/-0.000 χ^2/NDF:275469694696071146847304189910712739430 4.0/10

In: -8267.587+/-0.000 χ^2/NDF:750039907267326

Right Out: 27610.848+/-0.000 χ^2/NDF: 248097983477523504935751571384400118546432.0/15

Out: 8151.755+/-0.000 χ^2/NDF:704682878324237

Left In: 7461.910+/-0.000 χ^2/NDF:284732420922802275854786859191844313 4976.0/9

All: -44.247+/-0.000 χ^2/NDF: 165712052471

dit_sam4_coil7_err_mean vs Slug, Sign Corrected

Left: -22.181+/-0.000 χ^2/NDF: 2846507485064263

Right In: 1353.413+/-0.000 χ^2/NDF: 3528879667027707133738618398805537587 20.0/14

Right: 43.718+/-0.000 χ^2/NDF: 2826295721143961

Left Out: 1231.668+/-0.000 χ^2/NDF:1324061232853568209003936764940443975 68.0/10

In: -126.724+/-0.000 χ^2/NDF:2962804136927368

Right Out: -1230.633+/-0.000 χ^2/NDF: 2769894541291500056568727445399037542 40.0/15

Out: 139.677+/-0.000 χ^2/NDF:2659929384716911

Left In: -1256.852+/-0.000 χ^2/NDF:1024714673882011523435485626494416322 56.0/9

All: 6.698+/-0.000 χ^2/NDF: 5676013686179 8

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -43.046+/-0.000 χ^2/NDF: 2394899504222941

Right In: 1021.684+/-0.000 χ^2/NDF: 40493101470870278397836276403592495104.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1142.908+/-0.000 χ^2/NDF:42694917457780139943000905132443435008.0/10

In: -244.270+/-0.000 χ^2/NDF:1890511300629015

Right Out: -947.145+/-0.000 χ^2/NDF: 67784656011936521511169668028018196480.0/15

Out: 216.003+/-0.000 χ^2/NDF:1731984354649156

Left In: -1210.862+/-0.000 χ^2/NDF:15749271183228525581810721748649246720.0/9

All: -13.750+/-0.000 χ^2/NDF: 378154195685

dit_sam5_coil7_mean vs Slug, Sign Corrected

Left: -34.068+/-0.000 χ^2/NDF: 2845470859595148
Right In: -1314.782+/-0.000 χ^2/NDF: 966082368518203481544021644405645508608.0/14
Right: -112.789+/-0.000 χ^2/NDF: 39432514405702
Left Out: -1312.941+/-0.000 χ^2/NDF:284079610734375765276874377047383736 32.0/10
In: 125.527+/-0.000 χ^2/NDF:3440545905310486
Right Out: 1056.765+/-0.000 χ^2/NDF: 112714159418741702194983247735328604 1600.0/15
Out: -262.014+/-0.000 χ^2/NDF:324000439216095
Left In: 1225.245+/-0.000 χ^2/NDF:100146411362185935884404755586451767296.0/9
All: -68.566+/-0.000 χ^2/NDF: 679330372008

dit_sam5_coil7_err_mean vs Slug, Sign Corrected

Left: -2.787+/-0.000 χ^2/NDF: 11393649763797928

Right In: 270.538+/-0.000 χ^2/NDF: 2473839905347950323907848405170257920.0/14

Right: 15.112+/-0.000 χ^2/NDF: 8906438963054982

Left Out: 254.517+/-0.000 χ^2/NDF:2072503663694453806886167996388081664.0/10

In: -28.121+/-0.000 χ^2/NDF:10644668117329228

Right Out: -233.421+/-0.000 χ^2/NDF: 3048529087317888615064010247743995904.0/15

Out: 38.124+/-0.000 χ^2/NDF:93496494938739427

Left In: -256.156+/-0.000 χ^2/NDF:1884029289597737409901063282500829184.0/9

All: 5.057+/-0.000 χ^2/NDF: 20323774256489

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -43.046+/-0.000 χ^2/NDF: 2394899504222941

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1142.908+/-0.000 χ^2/NDF:4269491745778013994300090513244343500 8.0/10

In: -244.270+/-0.000 χ^2/NDF:1890511300629015

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 216.003+/-0.000 χ^2/NDF:1731984354649156

Left In: -1210.862+/-0.000 χ^2/NDF:1574927118322852558181072174864924672 0.0/9

All: -13.750+/-0.000 χ^2/NDF: 378154195685

dit_sam6_coil7_mean vs Slug, Sign Corrected

Left: -143.812+/-0.000 χ^2/NDF: 122050375413787

Right In: 6163.445+/-0.000 χ^2/NDF: 18200622549026770504746300139009854144512.0/14

Right: 6.710+/-0.000 χ^2/NDF: 8424313097733602 2

Left Out: 616.971+/-0.000 χ^2/NDF:1279696598676190952288973498301703782 40.0/10

In: 2162.148+/-0.000 χ^2/NDF:3665603426836133

Right Out: -5983.876+/-0.000 χ^2/NDF: 17505201913276273559161088764155841740800.0/15

Out: -2310.399+/-0.000 χ^2/NDF:33806626812459

Left In: -892.959+/-0.000 χ^2/NDF:1310477552497896866411218153729498808 32.0/9

All: -77.849+/-0.000 χ^2/NDF: 854803847535

dit_sam6_coil7_err_mean vs Slug, Sign Corrected

Left: -24.074+/-0.000 χ^2/NDF: 2958176109701441

Right In: 363.133+/-0.000 χ^2/NDF: 1150279169707645642643599827799533158 4.0/14

Right: 27.278+/-0.000 χ^2/NDF: 1636258096450768

Left Out: 389.976+/-0.000 χ^2/NDF:3851702248732199920149246934291316736.0/10

In: -87.625+/-0.000 χ^2/NDF:2512259164360355 8

Right Out: -299.514+/-0.000 χ^2/NDF: 7685497318744225218354652828984672256.0/15

Out: 84.198+/-0.000 χ^2/NDF:1880026539339383 4

Left In: -431.792+/-0.000 χ^2/NDF:7174063216478027142847440351737675776.0/9

All: -1.570+/-0.000 χ^2/NDF: 4613929522138

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -43.046+/-0.000 χ^2/NDF: 2394899504222941

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1142.908+/-0.000 χ^2/NDF:4269491745778013994300090513244343 5008.0/10

In: -244.270+/-0.000 χ^2/NDF:1890511300629015

Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

Out: 216.003+/-0.000 χ^2/NDF:1731984354649156

Left In: -1210.862+/-0.000 χ^2/NDF:1574927118322852558181072174864924 6720.0/9

All: -13.750+/-0.000 χ^2/NDF: 378154195685

dit_sam7_coil7_mean vs Slug, Sign Corrected

Left: 49.970+/-0.000 χ^2/NDF: 2786947242581761

Right In: -4242.174+/-0.000 χ^2/NDF: 678347227217415137114560108174211075276 8.0/14

Right: 52.349+/-0.000 χ^2/NDF: 3708179263230228

Left Out: -1188.866+/-0.000 χ^2/NDF:136396137192383134140787484142677786624.0/10

In: -1116.605+/-0.000 χ^2/NDF:180656873679016

Right Out: 4230.978+/-0.000 χ^2/NDF: 668240952810301675220434357374093046579 2.0/15

Out: 1214.748+/-0.000 χ^2/NDF:17722585072646 5

Left In: 1269.859+/-0.000 χ^2/NDF:1010847334686513321710152540087627284 48.0/9

All: 51.013+/-0.000 χ^2/NDF: 398687440586 5

dit_sam7_coil7_err_mean vs Slug, Sign Corrected

Left: -8.349+/-0.000 χ^2/NDF: 94584075194897963

Right In: 287.460+/-0.000 χ^2/NDF: 29517044144826155936619151581366976512.0/14

Right: 7.151+/-0.000 χ^2/NDF: 15597171601313483

Left Out: 225.127+/-0.000 χ^2/NDF:21095846862393239338729042228459601 92.0/10

In: -10.644+/-0.000 χ^2/NDF:13314735925644073

Right Out: -265.593+/-0.000 χ^2/NDF: 25843263106329059274985499259066908672.0/15

Out: 7.500+/-0.000 χ^2/NDF:11733890625378479 9

Left In: -238.254+/-0.000 χ^2/NDF:19209396425607233759314746199370629 12.0/9

All: -1.557+/-0.000 χ^2/NDF: 2507334160127

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -43.046+/-0.000 χ^2/NDF: 2394899504222941

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1142.908+/-0.000 χ^2/NDF:4269491745778013994300090513244343 5008.0/10

In: -244.270+/-0.000 χ^2/NDF:1890511300629015

Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

Out: 216.003+/-0.000 χ^2/NDF:1731984354649156

Left In: -1210.862+/-0.000 χ^2/NDF:1574927118322852558181072174864924 6720.0/9

All: -13.750+/-0.000 χ^2/NDF: 378154195685

dit_sam8_coil7_mean vs Slug, Sign Corrected

Left: 32.257+/-0.000 χ^2/NDF: 16822369893899343

Right In: -3335.273+/-0.000 χ^2/NDF: 633808725158963752903007551715242357555 2.0/14

Right: -110.320+/-0.000 χ^2/NDF: 267417075360019

Left Out: -941.418+/-0.000 χ^2/NDF:617345948950798198242171452215850434 56.0/10

In: -882.060+/-0.000 χ^2/NDF:1327177657977178

Right Out: 3027.603+/-0.000 χ^2/NDF: 7086157086694396583090903767581326311424.0/15

Out: 818.779+/-0.000 χ^2/NDF:1299539241502614

Left In: 991.040+/-0.000 χ^2/NDF:4561430434738225942714721145943228416 0.0/9

All: -30.224+/-0.000 χ^2/NDF: 28438972899 7

dit_sam8_coil7_err_mean vs Slug, Sign Corrected

Left: -7.944+/-0.000 χ^2/NDF: 65296707770604234

Right In: 189.442+/-0.000 χ^2/NDF: 4707234253929700721726064108794544128.0/14

Right: 6.003+/-0.000 χ^2/NDF: 5338989642966045 7

Left Out: 183.124+/-0.000 χ^2/NDF:2430285737447217933229065157042241536.0/10

In: -29.172+/-0.000 χ^2/NDF:6162753590050106 1

Right Out: -172.485+/-0.000 χ^2/NDF: 5594813408996728261938711470404534272.0/15

Out: 25.417+/-0.000 χ^2/NDF:5496565252738122 8

Left In: -196.090+/-0.000 χ^2/NDF:2220930284767266763162375565934067712.0/9

All: -1.832+/-0.000 χ^2/NDF: 1188304199032

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -43.046+/-0.000 χ^2/NDF: 2394899504222941

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1142.908+/-0.000 χ^2/NDF:4269491745778013994300090513244343 5008.0/10

In: -244.270+/-0.000 χ^2/NDF:1890511300629015

Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

Out: 216.003+/-0.000 χ^2/NDF:1731984354649156

Left In: -1210.862+/-0.000 χ^2/NDF:1574927118322852558181072174864924 6720.0/9

All: -13.750+/-0.000 χ^2/NDF: 378154195685

dit_4aX_coil4_mean vs Slug, Sign Corrected

Left: -0.051+/-0.000 χ^2/NDF: 62692222492582278

Right In: 0.411+/-0.000 χ^2/NDF: 338557350625556317005308982040985 6.0/14

Right: -0.308+/-0.000 χ^2/NDF: 5176319865553172

Left Out: 0.136+/-0.000 χ^2/NDF:2013083906765873222661393853972 48.0/10

In: 0.045+/-0.000 χ^2/NDF:3906945460725480155

Right Out: -1.008+/-0.000 χ^2/NDF: 1128402228144096394498047410700288.0/15

Out: -0.372+/-0.000 χ^2/NDF:18149853756956069

Left In: -0.235+/-0.000 χ^2/NDF:3676992855812600646532606113873 92.0/9

All: -0.164+/-0.000 χ^2/NDF: 5852021537956

dit_4aX_coil4_err_mean vs Slug, Sign Corrected

Right In: 4.495+/-0.000 χ^2/NDF: 27422400724410975315007287915970 56.0/14

Left Out: 4.413+/-0.000 χ^2/NDF:19384399598593188433781074165760 00.0/10

Right Out: -4.296+/-0.000 χ^2/NDF: 20119257070620518903810074754416 64.0/15

Left In: -4.269+/-0.000 χ^2/NDF:14845869398155160982743460704419 84.0/9

Left: 0.039+/-0.000 χ^2/NDF: 35207115473210732 8

Right: 0.040+/-0.000 χ^2/NDF: 30173534256832041

In: -0.474+/-0.000 χ^2/NDF:32491330257337157 4

Out: 0.551+/-0.000 χ^2/NDF:32100466504192611 2

All: 0.039+/-0.000 χ^2/NDF: 65380650474711

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -83.379+/-0.000 χ^2/NDF: 2585717310198781

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1148.111+/-0.000 χ^2/NDF:4360328696015834829331422326876746547 2.0/10

In: -255.605+/-0.000 χ^2/NDF:2188632812715487

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 188.315+/-0.000 χ^2/NDF:1854793419799082

Left In: -1296.034+/-0.000 χ^2/NDF:2279412695559824284665632627614338252 8.0/9

All: -33.275+/-0.000 χ^2/NDF: 419137249895

dit_4eX_coil4_mean vs Slug, Sign Corrected

Left: -0.209+/-0.000 χ^2/NDF: 22043349886945610

Right In: 3.802+/-0.000 χ^2/NDF: 37954760743983389305647006576803 84.0/14

Right: -0.257+/-0.000 χ^2/NDF: 2698438341107243

Left Out: 3.380+/-0.000 χ^2/NDF:32160498967451654765187201761280 0.0/10

In: -0.476+/-0.000 χ^2/NDF:25072259462737657 9

Right Out: -4.206+/-0.000 χ^2/NDF: 20964278133414545733322651834777 60.0/15

Out: 0.016+/-0.000 χ^2/NDF:23775630471340649 5

Left In: -3.742+/-0.000 χ^2/NDF:32992846956493867432127716812390 4.0/9

All: -0.230+/-0.000 χ^2/NDF: 4902941927968

dit_4eX_coil4_err_mean vs Slug, Sign Corrected

Left: 0.035+/-0.000 χ^2/NDF: 30361380627473826

Right In: 4.136+/-0.000 χ^2/NDF: 3507600624388663919898505496231936.0/14

Right: 0.039+/-0.000 χ^2/NDF: 27678490251430251

Left Out: 4.117+/-0.000 χ^2/NDF:1538091509595069497501778777735168.0/10

In: -0.469+/-0.000 χ^2/NDF:28924395206164619

Right Out: -3.948+/-0.000 χ^2/NDF: 2670176783942302028345551100051456.0/15

Out: 0.540+/-0.000 χ^2/NDF:28351940365106188

Left In: -3.985+/-0.000 χ^2/NDF:1145536065762958556872020890484736.0/9

All: 0.036+/-0.000 χ^2/NDF: 5803988280696

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -83.379+/-0.000 χ^2/NDF: 2585717310198781

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1148.111+/-0.000 χ^2/NDF:4360328696015834829331422326876746547 2.0/10

In: -255.605+/-0.000 χ^2/NDF:2188632812715487

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 188.315+/-0.000 χ^2/NDF:1854793419799082

Left In: -1296.034+/-0.000 χ^2/NDF:2279412695559824284665632627614338252 8.0/9

All: -33.275+/-0.000 χ^2/NDF: 419137249895

dit_11X12X_coil4_mean vs Slug, Sign Corrected

Left: 0.068+/-0.000 χ^2/NDF: 271302096377779281

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: -0.771+/-0.000 χ^2/NDF:939568964537488529548212470546432.0/10

In: 0.351+/-0.000 χ^2/NDF:336330958426572127 7

Right Out: 0.790+/-0.000 χ^2/NDF: 463078369073343959803422903894016.0/15

Out: -0.079+/-0.000 χ^2/NDF:2306915443483426 4

Left In: 0.894+/-0.000 χ^2/NDF:604329436651456131310436065738752.0/9

All: 0.136+/-0.000 χ^2/NDF: 5808960962771 8

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected

Right In: 6.079+/-0.000 χ^2/NDF: 1590295171022705157509904488253 44.0/14

Left Out: 7.344+/-0.000 χ^2/NDF:462485855291471705878727302001459 2.0/10

Right Out: -6.245+/-0.000 χ^2/NDF: 181652916310500693851097698559 5904.0/15

Left In: -6.754+/-0.000 χ^2/NDF:154207148724991522419095369678 8480.0/9

Left: 0.241+/-0.000 χ^2/NDF: 8999269380277929 20

Right: -0.167+/-0.000 χ^2/NDF: 5337277361381866

In: -1.198+/-0.000 χ^2/NDF:6374337796448624 65

Out: 1.318+/-0.000 χ^2/NDF:7499533909267639 83

All: 0.062+/-0.000 χ^2/NDF: 1434886199218 4

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -83.379+/-0.000 χ^2/NDF: 2585717310198781

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1148.111+/-0.000 χ^2/NDF:436032869601583482933142232687674654 72.0/10

In: -255.605+/-0.000 χ^2/NDF:2188632812715487

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 188.315+/-0.000 χ^2/NDF:1854793419799082

Left In: -1296.034+/-0.000 χ^2/NDF:2279412695559824284665632627614338252 8.0/9

All: -33.275+/-0.000 χ^2/NDF: 419137249895

dit_4aY_coil4_mean vs Slug, Sign Corrected

Left: -7.189+/-0.000 χ^2/NDF: 48732044189110817

Right In: 192.771+/-0.000 χ^2/NDF: 16405762797469484333918169362365153 28.0/14

Right: -0.529+/-0.000 χ^2/NDF: 5140794879295893

Left Out: 163.325+/-0.000 χ^2/NDF:3448354348031090896949454092579635 20.0/10

In: -15.825+/-0.000 χ^2/NDF:5152983487362152 1

Right Out: -188.612+/-0.000 χ^2/NDF: 192234225728767456334420473001961 0624.0/15

Out: 7.247+/-0.000 χ^2/NDF:482433241323100532

Left In: -175.094+/-0.000 χ^2/NDF:8805527925518266853632934659332 5056.0/9

All: -4.270+/-0.000 χ^2/NDF: 1001727849823

dit_4aY_coil4_err_mean vs Slug, Sign Corrected

Left: 0.034+/-0.000 χ^2/NDF: 250343235835192062

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: 1.228+/-0.000 χ^2/NDF:91355744038482775249196503007232.0/10

In: 0.079+/-0.000 χ^2/NDF:321119883725782646 3

Right Out: -1.555+/-0.000 χ^2/NDF: 2556459514338902968276771951083 52.0/15

Out: -0.006+/-0.000 χ^2/NDF:3221303622732878 9

Left In: -1.142+/-0.000 χ^2/NDF:4352740330661661646030807813324 8.0/9

All: 0.036+/-0.000 χ^2/NDF: 6437922305160 8

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -83.379+/-0.000 χ^2/NDF: 2585717310198781

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1148.111+/-0.000 χ^2/NDF:436032869601583482933142232687674654 72.0/10

In: -255.605+/-0.000 χ^2/NDF:2188632812715487

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 188.315+/-0.000 χ^2/NDF:1854793419799082

Left In: -1296.034+/-0.000 χ^2/NDF:2279412695559824284665632627614338252 8.0/9

All: -33.275+/-0.000 χ^2/NDF: 419137249895

dit_4eY_coil4_mean vs Slug, Sign Corrected

Left: -7.966+/-0.000 χ^2/NDF: 53873499232211932

Right In: 195.940+/-0.000 χ^2/NDF: 1057891079869089572370479093183938560.0/14

Right: 0.195+/-0.000 χ^2/NDF: 51589726724001798

Left Out: 171.260+/-0.000 χ^2/NDF:42484609203980297739519494032510156 8.0/10

In: -19.759+/-0.000 χ^2/NDF:54395921090398070

Right Out: -190.268+/-0.000 χ^2/NDF: 1468473073667973330267084234323656704.0/15

Out: 10.928+/-0.000 χ^2/NDF:50409563668565245

Left In: -184.452+/-0.000 χ^2/NDF:87430891974705833993711734348578816.0/9

All: -4.390+/-0.000 χ^2/NDF: 105512467735 7

dit_4eY_coil4_err_mean vs Slug, Sign Corrected

Left: 0.023+/-0.000 χ^2/NDF: 238418512076869027

Right In: 1.569+/-0.000 χ^2/NDF: 16284919566812338078961054095769 6.0/14

Right: 0.041+/-0.000 χ^2/NDF: 3349930396263144 0

Left Out: 1.196+/-0.000 χ^2/NDF:49137035029768776596831728566272.0/10

In: 0.037+/-0.000 χ^2/NDF:2896429257283899586

Right Out: -1.446+/-0.000 χ^2/NDF: 1962966539175233524432710527877 12.0/15

Out: 0.024+/-0.000 χ^2/NDF:28378099955935328 9

Left In: -1.133+/-0.000 χ^2/NDF:46721508822138841881358331019264.0/9

All: 0.031+/-0.000 χ^2/NDF: 5734355691625 8

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -83.379+/-0.000 χ^2/NDF: 2585717310198781

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1148.111+/-0.000 χ^2/NDF:436032869601583482933142232687674654 72.0/10

In: -255.605+/-0.000 χ^2/NDF:2188632812715487

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 188.315+/-0.000 χ^2/NDF:1854793419799082

Left In: -1296.034+/-0.000 χ^2/NDF:2279412695559824284665632627614338252 8.0/9

All: -33.275+/-0.000 χ^2/NDF: 419137249895

dit_usl_coil4_mean vs Slug, Sign Corrected

Left: -382.946+/-0.000 χ^2/NDF: 350691427032839

Right In: 4256.386+/-0.000 χ^2/NDF: 4986054125516248596724549541595761868 80.0/14

Right: -266.755+/-0.000 χ^2/NDF: 29897737536917

Left Out: 4383.298+/-0.000 χ^2/NDF:711881763148993431367263829287575224320.0/9

In: -822.627+/-0.000 χ^2/NDF:3104261393926850

Right Out: -4667.832+/-0.000 χ^2/NDF: 3201925535782807450320951772159309512704.0/15

Out: 182.113+/-0.000 χ^2/NDF:3319342542813707

Left In: -4700.603+/-0.000 χ^2/NDF:1019267152397247321648961150416064610304.0/9

All: -330.866+/-0.000 χ^2/NDF: 6497668335

dit_usl_coil4_err_mean vs Slug, Sign Corrected

Left: -19.715+/-0.000 χ^2/NDF: 3113629669807549

Right In: 325.732+/-0.000 χ^2/NDF: 1463335956794024412389724276985430016 0.0/14

Right: -25.211+/-0.000 χ^2/NDF: 204436046213041

Left Out: 428.205+/-0.000 χ^2/NDF:953467006209852209007846571910994329 6.0/9

In: -100.237+/-0.000 χ^2/NDF:2297033186623386

Right Out: -366.682+/-0.000 χ^2/NDF: 3209725069994795640911744011539893452 8.0/15

Out: 59.249+/-0.000 χ^2/NDF:2674561300202230

Left In: -425.477+/-0.000 χ^2/NDF:7395328689023686119802827092772519936.0/9

All: -22.178+/-0.000 χ^2/NDF: 515820945183

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -127.321+/-0.000 χ^2/NDF: 250695488859357

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1162.817+/-0.000 χ^2/NDF:415230297426679100090489284030921441 28.0/9

In: -255.605+/-0.000 χ^2/NDF:2188632812715487

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

Out: 151.445+/-0.000 χ^2/NDF:1810941616305151

Left In: -1296.034+/-0.000 χ^2/NDF:2279412695559824284665632627614338 2528.0/9

All: -56.378+/-0.000 χ^2/NDF: 412113628631

dit_usr_coil4_mean vs Slug, Sign Corrected

Left: -109.605+/-0.000 χ^2/NDF: 259333914906520

Right In: 4070.444+/-0.000 χ^2/NDF: 3432818752826957399563831562952475934 72.0/14

Right: -4.119+/-0.000 χ^2/NDF: 2196193539942721

Left Out: 3787.090+/-0.000 χ^2/NDF:323316813443340848835799596874814455808.0/10

In: -475.637+/-0.000 χ^2/NDF:243831726242477 6

Right Out: -3968.723+/-0.000 χ^2/NDF: 3599558803261947844673533694925948846 08.0/15

Out: 347.511+/-0.000 χ^2/NDF:2301169525313682

Left In: -3946.702+/-0.000 χ^2/NDF:3860552523647072755772605477445131304 96.0/9

All: -63.378+/-0.000 χ^2/NDF: 479035531976

dit_usr_coil4_err_mean vs Slug, Sign Corrected

Left: 8.639+/-0.000 χ^2/NDF: 32387650487556305
Right In: 477.186+/-0.000 χ^2/NDF: 204557199317583799788926051849747824 64.0/14
Right: 0.404+/-0.000 χ^2/NDF: 3240949272651964
Left Out: 435.104+/-0.000 χ^2/NDF:1493372003757568350041182264693148876 8.0/10
In: -26.627+/-0.000 χ^2/NDF:3177865717424274
Right Out: -463.513+/-0.000 χ^2/NDF: 1255677793106990337003183238818457190 4.0/15
Out: 36.582+/-0.000 χ^2/NDF:3272354825234020
Left In: -411.304+/-0.000 χ^2/NDF:6816699884804276577882958707487145984.0/9
All: 5.030+/-0.000 χ^2/NDF: 6480215689359

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -83.379+/-0.000 χ^2/NDF: 2585717310198781

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1148.111+/-0.000 χ^2/NDF:436032869601583482933142232687674654 72.0/10

In: -255.605+/-0.000 χ^2/NDF:2188632812715487

Right Out: -1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15

Out: 188.315+/-0.000 χ^2/NDF:1854793419799082

Left In: -1296.034+/-0.000 χ^2/NDF:227941269555982428466563262761433825 28.0/9

All: -33.275+/-0.000 χ^2/NDF: 419137249895

dit_atl1_coil4_mean vs Slug, Sign Corrected

Left: 55.039+/-0.000 χ^2/NDF: 20260884589179859

Right In: -3896.522+/-0.000 χ^2/NDF: 396185985164810204482484406700129847869 44.0/14

Right: -555.179+/-0.000 χ^2/NDF: 94737135323081

Left Out: -304.736+/-0.000 χ^2/NDF:8995721878994737421952148787183002583 04.0/10

In: -1454.922+/-0.000 χ^2/NDF:473531104965570

Right Out: 2695.992+/-0.000 χ^2/NDF: 408224630714623521242120583865917295820 80.0/15

Out: 1026.039+/-0.000 χ^2/NDF:450644223228455

Left In: 409.312+/-0.000 χ^2/NDF:911493765384516588826450256964251287552.0/9

All: -212.376+/-0.000 χ^2/NDF: 97038511243

dit_atl1_coil4_err_mean vs Slug, Sign Corrected

Left: -1.823+/-0.000 χ^2/NDF: 30372482206825468

Right In: 574.055+/-0.000 χ^2/NDF: 15210522988916042301849370958239052595 2.0/14

Right: -306.705+/-0.000 χ^2/NDF: 31486221730071

Left Out: 413.595+/-0.000 χ^2/NDF:92750360179618906792788397362511872 00.0/10

In: 15.549+/-0.000 χ^2/NDF:516891384578797341

Right Out: -1163.697+/-0.000 χ^2/NDF: 2003194396475465337190154787515183136768.0/15

Out: -285.909+/-0.000 χ^2/NDF:293594963531389

Left In: -410.887+/-0.000 χ^2/NDF:7773422679869927157376192796011003904.0/9

All: -135.431+/-0.000 χ^2/NDF: 35210665112

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -83.379+/-0.000 χ^2/NDF: 2585717310198781

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1148.111+/-0.000 χ^2/NDF:4360328696015834829331422326876746547 2.0/10

In: -255.605+/-0.000 χ^2/NDF:2188632812715487

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 188.315+/-0.000 χ^2/NDF:1854793419799082

Left In: -1296.034+/-0.000 χ^2/NDF:2279412695559824284665632627614338252 8.0/9

All: -33.275+/-0.000 χ^2/NDF: 419137249895

dit_atl2_coil4_mean vs Slug, Sign Corrected

Left: -2585.503+/-0.000 χ^2/NDF: 16133094567984

Right In: 24608.761+/-0.000 χ^2/NDF: 17555600427140701787636759084167268925440.0/14

Right: 137.211+/-0.000 χ^2/NDF: 809207355903527

Left Out: 27858.168+/-0.000 χ^2/NDF:628665432652870806778477402087803941027 84.0/10

In: -7810.503+/-0.000 χ^2/NDF:123128262341145

Right Out: -23673.937+/-0.000 χ^2/NDF: 2482422934482756731362487167729534186291 2.0/15

Out: 5004.502+/-0.000 χ^2/NDF:107342359081410

Left In: -32563.565+/-0.000 χ^2/NDF:1081543356672347746210077834778229132492 8.0/9

All: -1392.332+/-0.000 χ^2/NDF: 2427997307

dit_atl2_coil4_err_mean vs Slug, Sign Corrected

Left: -33.278+/-0.000 χ^2/NDF: 8801126554025244

Right In: 1471.095+/-0.000 χ^2/NDF: 13917497942046784107389416795645201612 8.0/14

Right: -39.055+/-0.000 χ^2/NDF: 3309473445481991

Left Out: 2167.679+/-0.000 χ^2/NDF:5970079412783217063060023109839969320 96.0/10

In: -610.905+/-0.000 χ^2/NDF:525731713910865 7

Right Out: -1508.451+/-0.000 χ^2/NDF: 2500851637704250506057634469857156136 96.0/15

Out: 537.374+/-0.000 χ^2/NDF:5863411801506299

Left In: -2200.573+/-0.000 χ^2/NDF:1569185625520352330957247481038105477 12.0/9

All: -35.810+/-0.000 χ^2/NDF: 121106246711

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -83.379+/-0.000 χ^2/NDF: 2585717310198781

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1148.111+/-0.000 χ^2/NDF:4360328696015834829331422326876746547 2.0/10

In: -255.605+/-0.000 χ^2/NDF:2188632812715487

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 188.315+/-0.000 χ^2/NDF:1854793419799082

Left In: -1296.034+/-0.000 χ^2/NDF:2279412695559824284665632627614338252 8.0/9

All: -33.275+/-0.000 χ^2/NDF: 419137249895

dit_atr1_coil4_mean vs Slug, Sign Corrected

Left: 146.961+/-0.000 χ^2/NDF: 4289085503503703

Right In: -1374.510+/-0.000 χ^2/NDF: 3072775774026573120755024580495322120192.0/14

Right: -55.518+/-0.000 χ^2/NDF: 1641580107615579

Left Out: -1106.597+/-0.000 χ^2/NDF:9472040544596798638861135104437754265 60.0/10

In: 188.184+/-0.000 χ^2/NDF:65991937970232650

Right Out: 1227.879+/-0.000 χ^2/NDF: 111153129999266233964664502184486224527 36.0/15

Out: -71.294+/-0.000 χ^2/NDF:1408545484097219

Left In: 1381.347+/-0.000 χ^2/NDF:7314609167533631638704057742580703559 68.0/9

All: 58.229+/-0.000 χ^2/NDF: 2073519567766

dit_atr1_coil4_err_mean vs Slug, Sign Corrected

Left: -2.502+/-0.000 χ^2/NDF: 34500023250752628

Right In: 507.809+/-0.000 χ^2/NDF: 641399279684440545968596134682207191 04.0/14

Right: -42.141+/-0.000 χ^2/NDF: 692705775128653

Left Out: 445.577+/-0.000 χ^2/NDF:703590568861378398983667351976044 1344.0/10

In: -31.755+/-0.000 χ^2/NDF:4017842649197799 1

Right Out: -577.250+/-0.000 χ^2/NDF: 241288780642623391683958641535574081536.0/15

Out: -8.031+/-0.000 χ^2/NDF:63666084829987150

Left In: -443.727+/-0.000 χ^2/NDF:4438324984038044097077747243139727360.0/9

All: -19.873+/-0.000 χ^2/NDF: 103886764464

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -83.379+/-0.000 χ^2/NDF: 2585717310198781

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1148.111+/-0.000 χ^2/NDF:4360328696015834829331422326876746547 2.0/10

In: -255.605+/-0.000 χ^2/NDF:2188632812715487

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 188.315+/-0.000 χ^2/NDF:1854793419799082

Left In: -1296.034+/-0.000 χ^2/NDF:2279412695559824284665632627614338252 8.0/9

All: -33.275+/-0.000 χ^2/NDF: 419137249895

dit_atr2_coil4_mean vs Slug, Sign Corrected

Left: -1083.689+/-0.000 χ^2/NDF: 12632547738747

Right In: 30277.649+/-0.000 χ^2/NDF: 309759746415241424530900225407605192785 92.0/14

Right: 285.980+/-0.000 χ^2/NDF: 122974265906167

Left Out: 26341.044+/-0.000 χ^2/NDF:849002397933413214368996857036142123417 6.0/10

In: -2818.841+/-0.000 χ^2/NDF:129001975722865

Right Out: -28896.318+/-0.000 χ^2/NDF: 469695040580103591462505602284097141473 28.0/15

Out: 1844.156+/-0.000 χ^2/NDF:118804066294296

Left In: -28088.985+/-0.000 χ^2/NDF:535053332006630131060389821866115386572 8.0/9

All: -483.461+/-0.000 χ^2/NDF: 2494384338 7

dit_atr2_coil4_err_mean vs Slug, Sign Corrected

Left: 33.664+/-0.000 χ^2/NDF: 7338828548666872
Right In: 1909.434+/-0.000 χ^2/NDF: 876369740942116715241776501658694451 20.0/14
Right: -312.249+/-0.000 χ^2/NDF: 94418650101321
Left Out: 2052.166+/-0.000 χ^2/NDF:4436286838890293169039930925778489835 52.0/10
In: -281.287+/-0.000 χ^2/NDF:5707426825657777
Right Out: -2473.977+/-0.000 χ^2/NDF: 3033908025746418121738753286600386412544.0/15
Out: 44.894+/-0.000 χ^2/NDF:1108185205590081 5
Left In: -1953.968+/-0.000 χ^2/NDF:1268898615515286127153608526235875409 92.0/9
All: -117.925+/-0.000 χ^2/NDF: 16869154145

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -83.379+/-0.000 χ^2/NDF: 2585717310198781

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1148.111+/-0.000 χ^2/NDF:4360328696015834829331422326876746547 2.0/10

In: -255.605+/-0.000 χ^2/NDF:2188632812715487

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 188.315+/-0.000 χ^2/NDF:1854793419799082

Left In: -1296.034+/-0.000 χ^2/NDF:2279412695559824284665632627614338252 8.0/9

All: -33.275+/-0.000 χ^2/NDF: 419137249895

dit_sam1_coil4_mean vs Slug, Sign Corrected

Left: 314.458+/-0.000 χ^2/NDF: 9012200275794805

Right In: -13233.367+/-0.000 χ^2/NDF: 412570438362130433675968665594996405043 20.0/14

Right: 600.026+/-0.000 χ^2/NDF: 330784909470012

Left Out: -7018.232+/-0.000 χ^2/NDF:583573452741263724534466022300956229632.0/10

In: -1456.774+/-0.000 χ^2/NDF:200208381790168

Right Out: 14060.103+/-0.000 χ^2/NDF: 444905947542801617664055569157113868451 84.0/15

Out: 2329.673+/-0.000 χ^2/NDF:209995208788591

Left In: 7535.001+/-0.000 χ^2/NDF:218520934440563946892419895754359832576.0/9

All: 439.602+/-0.000 χ^2/NDF: 42096720059 6

dit_sam1_coil4_err_mean vs Slug, Sign Corrected

Left: -2.623+/-0.000 χ^2/NDF: 10828997007747060

Right In: 136.711+/-0.000 χ^2/NDF: 2687065030885227126291764267456659456.0/14

Right: -2.614+/-0.000 χ^2/NDF: 3077400704218916

Left Out: 76.317+/-0.000 χ^2/NDF:2498807244995016670032064818614108 16.0/10

In: 13.624+/-0.000 χ^2/NDF:20254278119305978

Right Out: -138.179+/-0.000 χ^2/NDF: 323088335287863633464161356189846 7328.0/15

Out: -18.808+/-0.000 χ^2/NDF:2055905695617809

Left In: -80.357+/-0.000 χ^2/NDF:227110962175699921814949830343000064.0/9

All: -2.619+/-0.000 χ^2/NDF: 4160300411187

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -83.379+/-0.000 χ^2/NDF: 2585717310198781

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1148.111+/-0.000 χ^2/NDF:4360328696015834829331422326876746547 2.0/10

In: -255.605+/-0.000 χ^2/NDF:2188632812715487

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 188.315+/-0.000 χ^2/NDF:1854793419799082

Left In: -1296.034+/-0.000 χ^2/NDF:2279412695559824284665632627614338252 8.0/9

All: -33.275+/-0.000 χ^2/NDF: 419137249895

dit_sam2_coil4_mean vs Slug, Sign Corrected

Left: 1328.860+/-0.000 χ^2/NDF: 210223412164619

Right In: -50695.424+/-0.000 χ^2/NDF: 22661358525390857668307776113218835552665 6.0/14

Right: 1245.090+/-0.000 χ^2/NDF: 39629195371379

Left Out: -34026.498+/-0.000 χ^2/NDF:195963199502649739835400811074225155604 48.0/10

In: -1453.879+/-0.000 χ^2/NDF:300792801588475

Right Out: 51783.912+/-0.000 χ^2/NDF: 281789617729131996271154198472617478848512.0/15

Out: 4029.049+/-0.000 χ^2/NDF:303466146776051

Left In: 36143.489+/-0.000 χ^2/NDF:613703233245977394664699079975555511 0912.0/9

All: 1292.150+/-0.000 χ^2/NDF: 6065158846

dit_sam2_coil4_err_mean vs Slug, Sign Corrected

Left: 20.373+/-0.000 χ^2/NDF: 1155016393635624
Right In: 1154.331+/-0.000 χ^2/NDF: 2492704725634707032327379103946373120 0/14
Right: 0.631+/-0.000 χ^2/NDF: 2179785627897997
Left Out: 826.442+/-0.000 χ^2/NDF:4734299322821498320012295073135853568 0/10
In: 61.239+/-0.000 χ^2/NDF:16451250355020314
Right Out: -1121.934+/-0.000 χ^2/NDF: 2261593356395673381798116440027976171 52.0/15
Out: -37.632+/-0.000 χ^2/NDF:1682626232011605
Left In: -773.369+/-0.000 χ^2/NDF:2831294917141533979278010125843326566 4.0/9
All: 11.721+/-0.000 χ^2/NDF: 333509014840

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -83.379+/-0.000 χ^2/NDF: 2585717310198781

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1148.111+/-0.000 χ^2/NDF:4360328696015834829331422326876746547 2.0/10

In: -255.605+/-0.000 χ^2/NDF:2188632812715487

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 188.315+/-0.000 χ^2/NDF:1854793419799082

Left In: -1296.034+/-0.000 χ^2/NDF:2279412695559824284665632627614338252 8.0/9

All: -33.275+/-0.000 χ^2/NDF: 419137249895

dit_sam3_coil4_mean vs Slug, Sign Corrected

Left: -180.084+/-0.000 χ^2/NDF: 248091140486140

Right In: 3117.914+/-0.000 χ^2/NDF: 1552738593335565674554918493159210090496.0/14

Right: 184.985+/-0.000 χ^2/NDF: 137039743554262

Left Out: 3662.761+/-0.000 χ^2/NDF:223569287264370327313144562205157490688.0/10

In: -897.937+/-0.000 χ^2/NDF:2006450311413048

Right Out: -2668.794+/-0.000 χ^2/NDF: 113640628613109859600005442213125711462 4.0/15

Out: 854.817+/-0.000 χ^2/NDF:1624070678895190

Left In: -3964.157+/-0.000 χ^2/NDF:5385611993561958392094008693024515686 4.0/9

All: -20.101+/-0.000 χ^2/NDF: 386116179049

dit_sam3_coil4_err_mean vs Slug, Sign Corrected

Left: 22.171+/-0.000 χ^2/NDF: 51193531881228472

Right In: 552.108+/-0.000 χ^2/NDF: 507390417411591198485239882360018698 24.0/14

Right: 15.643+/-0.000 χ^2/NDF: 4564382403190982

Left Out: 536.935+/-0.000 χ^2/NDF:4791040996228908968482845598205083648 0.0/10

In: -35.820+/-0.000 χ^2/NDF:4701935455764485 9

Right Out: -506.345+/-0.000 χ^2/NDF: 37181653297314883501659131806010572800.0/15

Out: 74.257+/-0.000 χ^2/NDF:4891148131553562 3

Left In: -484.720+/-0.000 χ^2/NDF:2383720194788150013037645977037989478 4.0/9

All: 19.310+/-0.000 χ^2/NDF: 9684050704522

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -83.379+/-0.000 χ^2/NDF: 2585717310198781

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1148.111+/-0.000 χ^2/NDF:4360328696015834829331422326876746547 2.0/10

In: -255.605+/-0.000 χ^2/NDF:2188632812715487

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 188.315+/-0.000 χ^2/NDF:1854793419799082

Left In: -1296.034+/-0.000 χ^2/NDF:2279412695559824284665632627614338252 8.0/9

All: -33.275+/-0.000 χ^2/NDF: 419137249895

dit_sam4_coil4_mean vs Slug, Sign Corrected

Left: -1476.559+/-0.000 χ^2/NDF: 30844627785114

Right In: 43039.927+/-0.000 χ^2/NDF: 48397052922561722652666786407552179503104.0/14

Right: 1322.243+/-0.000 χ^2/NDF: 23287829079556

Left Out: 41337.737+/-0.000 χ^2/NDF:27949765471340929093467611097003408228352.0/10

In: -6109.225+/-0.000 χ^2/NDF:282459928194967

Right Out: -39269.627+/-0.000 χ^2/NDF: 51873036517757666237545716605051585167360.0/15

Out: 5589.658+/-0.000 χ^2/NDF:249168723626852

Left In: -43636.048+/-0.000 χ^2/NDF:11429330763941933134043199111604576714752.0/9

All: -250.044+/-0.000 χ^2/NDF: 54190367714

dit_sam4_coil4_err_mean vs Slug, Sign Corrected

Left: 28.756+/-0.000 χ^2/NDF: 1577411510379051
Right In: 813.500+/-0.000 χ^2/NDF: 671209168165482376389487875183513436 16.0/14
Right: 25.157+/-0.000 χ^2/NDF: 9069972726032984
Left Out: 927.654+/-0.000 χ^2/NDF:1466097625648301773426027439070421975 04.0/10
In: -133.405+/-0.000 χ^2/NDF:1181863753622271
Right Out: -741.911+/-0.000 χ^2/NDF: 4407413439721540923560474643267164 5696.0/15
Out: 187.228+/-0.000 χ^2/NDF:1225373454395531
Left In: -856.395+/-0.000 χ^2/NDF:8852332935114040532185840660138636 0832.0/9
All: 27.179+/-0.000 χ^2/NDF: 2484418355595

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -83.379+/-0.000 χ^2/NDF: 2585717310198781

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1148.111+/-0.000 χ^2/NDF:4360328696015834829331422326876746547 2.0/10

In: -255.605+/-0.000 χ^2/NDF:2188632812715487

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 188.315+/-0.000 χ^2/NDF:1854793419799082

Left In: -1296.034+/-0.000 χ^2/NDF:2279412695559824284665632627614338252 8.0/9

All: -33.275+/-0.000 χ^2/NDF: 419137249895

dit_sam5_coil4_mean vs Slug, Sign Corrected

Left: -1085.909+/-0.000 χ^2/NDF: 12178032819688
Right In: 23411.506+/-0.000 χ^2/NDF: 284274574717803193528857465713157084282 88.0/14
Right: 955.690+/-0.000 χ^2/NDF: 701538889846229
Left Out: 25873.156+/-0.000 χ^2/NDF:767516825785174658338511446779605758771 2.0/10
In: -5532.817+/-0.000 χ^2/NDF:990068682651026
Right Out: -20894.122+/-0.000 χ^2/NDF: 274089658045786491070029094099872183746 56.0/15
Out: 5132.615+/-0.000 χ^2/NDF:846956298434883
Left In: -27632.659+/-0.000 χ^2/NDF:278341866832066712615956326578805486387 2.0/9
All: -191.222+/-0.000 χ^2/NDF: 19224236321

dit_sam5_coil4_err_mean vs Slug, Sign Corrected

Left: 4.120+/-0.000 χ^2/NDF: 636780720682801547

Right In: 198.056+/-0.000 χ^2/NDF: 2482928792293864415922382990034862080.0/14

Right: 11.079+/-0.000 χ^2/NDF: 4866728486717223

Left Out: 195.693+/-0.000 χ^2/NDF:1566885437638741284909253004932153344.0/10

In: -18.884+/-0.000 χ^2/NDF:5749222837078873 0

Right Out: -170.851+/-0.000 χ^2/NDF: 1418314816915016425155520631536615424.0/15

Out: 33.137+/-0.000 χ^2/NDF:5285732344122055 5

Left In: -184.523+/-0.000 χ^2/NDF:1144639780252590594649768746230480896.0/9

All: 7.170+/-0.000 χ^2/NDF: 1123811593259 8

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -83.379+/-0.000 χ^2/NDF: 2585717310198781

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1148.111+/-0.000 χ^2/NDF:4360328696015834829331422326876746547 2.0/10

In: -255.605+/-0.000 χ^2/NDF:2188632812715487

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 188.315+/-0.000 χ^2/NDF:1854793419799082

Left In: -1296.034+/-0.000 χ^2/NDF:2279412695559824284665632627614338252 8.0/9

All: -33.275+/-0.000 χ^2/NDF: 419137249895

dit_sam6_coil4_mean vs Slug, Sign Corrected

Left: -1023.574+/-0.000 χ^2/NDF: 74993388244229

Right In: 15125.834+/-0.000 χ^2/NDF: 16615438767664069151744668380763246297088.0/14

Right: 626.147+/-0.000 χ^2/NDF: 30173637195947 2

Left Out: 20131.629+/-0.000 χ^2/NDF:46890380145616012206815977256916594196 48.0/10

In: -5844.080+/-0.000 χ^2/NDF:521695816397321

Right Out: -13482.244+/-0.000 χ^2/NDF: 15910426475407825250252248749810022088704.0/15

Out: 5224.413+/-0.000 χ^2/NDF:4400111967436 11

Left In: -21855.226+/-0.000 χ^2/NDF:17875922752452257070104558992265052 16000.0/9

All: -300.619+/-0.000 χ^2/NDF: 1053682293 4

dit_sam6_coil4_err_mean vs Slug, Sign Corrected

Left: -1.628+/-0.000 χ^2/NDF: 15129140402783536

Right In: 232.312+/-0.000 χ^2/NDF: 5478184144885833956204804001180418048.0/14

Right: 10.849+/-0.000 χ^2/NDF: 7283570791033899

Left Out: 293.460+/-0.000 χ^2/NDF:2948834676482267745736379514860077056.0/10

In: -65.111+/-0.000 χ^2/NDF:11041468004131229

Right Out: -204.637+/-0.000 χ^2/NDF: 4555067046835230017930882867882098688.0/15

Out: 72.562+/-0.000 χ^2/NDF:99597933397824502

Left In: -292.203+/-0.000 χ^2/NDF:3690556831892914723066513376805912576.0/9

All: 3.840+/-0.000 χ^2/NDF: 2242422049802

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -83.379+/-0.000 χ^2/NDF: 2585717310198781

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1148.111+/-0.000 χ^2/NDF:4360328696015834829331422326876746547 2.0/10

In: -255.605+/-0.000 χ^2/NDF:2188632812715487

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 188.315+/-0.000 χ^2/NDF:1854793419799082

Left In: -1296.034+/-0.000 χ^2/NDF:2279412695559824284665632627614338252 8.0/9

All: -33.275+/-0.000 χ^2/NDF: 419137249895

dit_sam7_coil4_mean vs Slug, Sign Corrected

Left: 92.728+/-0.000 χ^2/NDF: 3077158146455753
Right In: -1264.303+/-0.000 χ^2/NDF: 1402152515385026575491739945439319818 24.0/14
Right: -16.067+/-0.000 χ^2/NDF: 226649511001664
Left Out: -1256.608+/-0.000 χ^2/NDF:4975552148007247942044498192190406656 0.0/10
In: 258.626+/-0.000 χ^2/NDF:2797585004566745 7
Right Out: 1198.483+/-0.000 χ^2/NDF: 1311647638980167935154922176961671331 84.0/15
Out: -167.814+/-0.000 χ^2/NDF:241829457977440
Left In: 1421.426+/-0.000 χ^2/NDF:2847955919513947010630233595532279808.0/9
All: 45.051+/-0.000 χ^2/NDF: 5352403701340

dit_sam7_coil4_err_mean vs Slug, Sign Corrected

Left: 2.067+/-0.000 χ^2/NDF: 50644670140047767
Right In: 171.323+/-0.000 χ^2/NDF: 612097507518730550979514306499339878 4.0/14
Right: 5.426+/-0.000 χ^2/NDF: 4704270819776107 6
Left Out: 169.323+/-0.000 χ^2/NDF:247274065339079155490594674959817113 6.0/10
In: -18.045+/-0.000 χ^2/NDF:488639698951492 56
Right Out: -155.993+/-0.000 χ^2/NDF: 568065928150459585202152472724478361 6.0/15
Out: 25.051+/-0.000 χ^2/NDF:474374620742692 47
Left In: -162.632+/-0.000 χ^2/NDF:170016052859723719944880038632803532 8.0/9
All: 3.539+/-0.000 χ^2/NDF: 9769572237479 8

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -83.379+/-0.000 χ^2/NDF: 2585717310198781

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1148.111+/-0.000 χ^2/NDF:436032869601583482933142232687674654 72.0/10

In: -255.605+/-0.000 χ^2/NDF:2188632812715487

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 188.315+/-0.000 χ^2/NDF:1854793419799082

Left In: -1296.034+/-0.000 χ^2/NDF:2279412695559824284665632627614338252 8.0/9

All: -33.275+/-0.000 χ^2/NDF: 419137249895

dit_sam8_coil4_mean vs Slug, Sign Corrected

Left: -100.407+/-0.000 χ^2/NDF: 251317187834038

Right In: 907.442+/-0.000 χ^2/NDF: 2107238007691848638499662178406566461440.0/14

Right: 193.746+/-0.000 χ^2/NDF: 483370034209518

Left Out: 1093.414+/-0.000 χ^2/NDF:7819505784527396226121029499496274329 6.0/10

In: -330.650+/-0.000 χ^2/NDF:3929077330635703

Right Out: -500.689+/-0.000 χ^2/NDF: 2074232918749953174436803426379074895872.0/15

Out: 386.455+/-0.000 χ^2/NDF:3095698310101083

Left In: -1275.970+/-0.000 χ^2/NDF:6742038862182835529460340685110719 2832.0/9

All: 28.499+/-0.000 χ^2/NDF: 7410840397154

dit_sam8_coil4_err_mean vs Slug, Sign Corrected

Left: 0.374+/-0.000 χ^2/NDF: 35016373034536462
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: 136.937+/-0.000 χ^2/NDF:2225688486734173237730076324425367552.0/10
In: -25.749+/-0.000 χ^2/NDF:2605740190102610 7
Right Out: -104.501+/-0.000 χ^2/NDF: 1285986383644058507445602420764180480.0/15
Out: 29.863+/-0.000 χ^2/NDF:2514939734677516 3
Left In: -134.100+/-0.000 χ^2/NDF:1810391344608745032936292443754594304.0/9
All: 2.103+/-0.000 χ^2/NDF: 5352864272020 6

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -83.379+/-0.000 χ^2/NDF: 2585717310198781

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1148.111+/-0.000 χ^2/NDF:436032869601583482933142232687674654 72.0/10

In: -255.605+/-0.000 χ^2/NDF:2188632812715487

Right Out: -1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15

Out: 188.315+/-0.000 χ^2/NDF:1854793419799082

Left In: -1296.034+/-0.000 χ^2/NDF:227941269555982428466563262761433825 28.0/9

All: -33.275+/-0.000 χ^2/NDF: 419137249895

dit_4aX_coil6_mean vs Slug, Sign Corrected

Left: -0.335+/-0.000 χ^2/NDF: 15284907344779818

Right In: 2.123+/-0.000 χ^2/NDF: 526370592282107597102201384940339 2.0/14

Right: -0.039+/-0.000 χ^2/NDF: 1371901956190569

Left Out: 2.581+/-0.000 χ^2/NDF:2394347928508746664618786511912 96.0/10

In: -0.899+/-0.000 χ^2/NDF:16634813261173008 7

Right Out: -2.142+/-0.000 χ^2/NDF: 247294994099367246616169225702 6048.0/15

Out: 0.487+/-0.000 χ^2/NDF:10992518482176752 6

Left In: -3.206+/-0.000 χ^2/NDF:919828215212399500006921674424320.0/9

All: -0.205+/-0.000 χ^2/NDF: 2906878315354

dit_4aX_coil6_err_mean vs Slug, Sign Corrected

Right In: 4.495+/-0.000 χ^2/NDF: 252702422198160615323291986344017 92.0/14

Left Out: 1.416+/-0.000 χ^2/NDF:1294057542769950214483060614758 40.0/10

Right Out: -3.852+/-0.000 χ^2/NDF: 1231497147655680655051884763860 1728.0/15

Left In: -1.529+/-0.000 χ^2/NDF:2861291009675370244569982482513 92.0/9

Left: -0.068+/-0.000 χ^2/NDF: 4074290041169404 0

Right: 0.264+/-0.000 χ^2/NDF: 6050582364888339 6

In: 1.079+/-0.000 χ^2/NDF:3891346271532563053

Out: -0.920+/-0.000 χ^2/NDF:2274725318020873 9

All: 0.078+/-0.000 χ^2/NDF: 6466177126736 6

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected

Left: -62.411+/-0.000 χ^2/NDF: 2474114328114609

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: 1139.048+/-0.000 χ^2/NDF:4658259448791670960473348624087 4102784.0/10

In: -267.604+/-0.000 χ^2/NDF:1938704977440096

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 202.626+/-0.000 χ^2/NDF:1780439593927583

Left In: -1245.495+/-0.000 χ^2/NDF:2958435569480285200251340050356 8695296.0/9

All: -32.098+/-0.000 χ^2/NDF: 388514718592

dit_4eX_coil6_mean vs Slug, Sign Corrected

Left: -0.355+/-0.000 χ^2/NDF: 96638960118517412

Right In: 1.480+/-0.000 χ^2/NDF: 579967069590278445905576798768332 8.0/14

Right: -0.020+/-0.000 χ^2/NDF: 1277469544314031

Left Out: 1.851+/-0.000 χ^2/NDF:2270795785932352239218170810859 52.0/10

In: -0.793+/-0.000 χ^2/NDF:130605903039766742

Right Out: -1.480+/-0.000 χ^2/NDF: 409264580061376557266298782036787 2.0/15

Out: 0.374+/-0.000 χ^2/NDF:843933202538989483

Left In: -2.528+/-0.000 χ^2/NDF:1349044961780870758465859766714368.0/9

All: -0.209+/-0.000 χ^2/NDF: 2252153329801

dit_4eX_coil6_err_mean vs Slug, Sign Corrected

Left: -0.064+/-0.000 χ^2/NDF: 35292626851052719

Right In: 4.424+/-0.000 χ^2/NDF: 282574592728762106088398304732774 40.0/14

Right: 0.293+/-0.000 χ^2/NDF: 64106471830391853

Left Out: 1.325+/-0.000 χ^2/NDF:1017282120605463347738564739727 36.0/10

In: 1.104+/-0.000 χ^2/NDF:411011057882825574

Right Out: -3.727+/-0.000 χ^2/NDF: 139918168147498425197942848534609 92.0/15

Out: -0.916+/-0.000 χ^2/NDF:23566064069477598

Left In: -1.431+/-0.000 χ^2/NDF:224842005619595103645538497593344.0/9

All: 0.092+/-0.000 χ^2/NDF: 6772990556421 5

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected

Left: -62.411+/-0.000 χ^2/NDF: 2474114328114609

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: 1139.048+/-0.000 χ^2/NDF:4658259448791670960473348624087 4102784.0/10

In: -267.604+/-0.000 χ^2/NDF:1938704977440096

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 202.626+/-0.000 χ^2/NDF:1780439593927583

Left In: -1245.495+/-0.000 χ^2/NDF:2958435569480285200251340050356 8695296.0/9

All: -32.098+/-0.000 χ^2/NDF: 388514718592

dit_11X12X_coil6_mean vs Slug, Sign Corrected

Left: -0.020+/-0.000 χ^2/NDF: 53630329201750683
Right In: 4.785+/-0.000 χ^2/NDF: 39965560731547797118081594703216 64.0/14
Right: 0.029+/-0.000 χ^2/NDF: 33948566568426742
Left Out: 5.559+/-0.000 χ^2/NDF:10262805666429645864140175635906 56.0/10
In: -1.054+/-0.000 χ^2/NDF:43934353095458009 0
Right Out: -4.598+/-0.000 χ^2/NDF: 98960715679294863324763277964083 2.0/15
Out: 1.054+/-0.000 χ^2/NDF:40309624971020025 1
Left In: -5.512+/-0.000 χ^2/NDF:91499054632709472213019497227878 4.0/9
All: 0.002+/-0.000 χ^2/NDF: 8758065135326 9

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected

Left: 0.037+/-0.000 χ^2/NDF: 88262313788977211 8

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: 2.271+/-0.000 χ^2/NDF:39769736288839076758427235096985 6.0/10

In: 1.097+/-0.000 χ^2/NDF:39781176657265234 97

Right Out: -5.192+/-0.000 χ^2/NDF: 1574957375494534575443243695289139 2.0/15

Out: -1.039+/-0.000 χ^2/NDF:3682043597878763 5

Left In: -2.163+/-0.000 χ^2/NDF:1383427602292518828382944000737 28.0/9

All: 0.027+/-0.000 χ^2/NDF: 8002600076089 9

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected

Left: -62.411+/-0.000 χ^2/NDF: 2474114328114609

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: 1139.048+/-0.000 χ^2/NDF:4658259448791670960473348624087 4102784.0/10

In: -267.604+/-0.000 χ^2/NDF:1938704977440096

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 202.626+/-0.000 χ^2/NDF:1780439593927583

Left In: -1245.495+/-0.000 χ^2/NDF:2958435569480285200251340050356 8695296.0/9

All: -32.098+/-0.000 χ^2/NDF: 388514718592

dit_4aY_coil6_mean vs Slug, Sign Corrected

Left: -2.656+/-0.000 χ^2/NDF: 26311212515844043
Right In: 22.385+/-0.000 χ^2/NDF: 192226086002359263779409418332300 9024.0/14
Right: 1.456+/-0.000 χ^2/NDF: 46653243676344267
Left Out: 36.857+/-0.000 χ^2/NDF:18226518403595417717477128005484544.0/10
In: -13.877+/-0.000 χ^2/NDF:34465738245979682
Right Out: -18.907+/-0.000 χ^2/NDF: 218222180840815629359399399275783 7824.0/15
Out: 12.126+/-0.000 χ^2/NDF:33547326593108648
Left In: -41.564+/-0.000 χ^2/NDF:193739701151023096315932744404172 80.0/9
All: -0.854+/-0.000 χ^2/NDF: 7308944896255

dit_4aY_coil6_err_mean vs Slug, Sign Corrected

Left: 0.011+/-0.000 χ^2/NDF: 29126527755046975

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: 0.420+/-0.000 χ^2/NDF:862341949345631918983616869171 2.0/10

In: 0.377+/-0.000 χ^2/NDF:2736796481564558167

Right Out: -1.142+/-0.000 χ^2/NDF: 810680738285448955223066212827136.0/15

Out: -0.273+/-0.000 χ^2/NDF:17246526136277899

Left In: -0.392+/-0.000 χ^2/NDF:4315346326456245105598518001664.0/9

All: 0.051+/-0.000 χ^2/NDF: 4777982719326 0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected

Left: -62.411+/-0.000 χ^2/NDF: 2474114328114609

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: 1139.048+/-0.000 χ^2/NDF:4658259448791670960473348624087 4102784.0/10

In: -267.604+/-0.000 χ^2/NDF:1938704977440096

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 202.626+/-0.000 χ^2/NDF:1780439593927583

Left In: -1245.495+/-0.000 χ^2/NDF:2958435569480285200251340050356 8695296.0/9

All: -32.098+/-0.000 χ^2/NDF: 388514718592

dit_4eY_coil6_mean vs Slug, Sign Corrected

Left: 0.194+/-0.000 χ^2/NDF: 856208047726623883

Right In: -19.175+/-0.000 χ^2/NDF: 1246364705689764961102868160463241216.0/14

Right: -0.091+/-0.000 χ^2/NDF: 3202145485356183

Left Out: -21.209+/-0.000 χ^2/NDF:535034966790509483755376010676142 08.0/10

In: 3.759+/-0.000 χ^2/NDF:189010029742475366

Right Out: 18.479+/-0.000 χ^2/NDF: 1489398115046175180640331393369374720.0/15

Out: -3.608+/-0.000 χ^2/NDF:21275743869833974

Left In: 21.269+/-0.000 χ^2/NDF:417545740173335487235052142214 51264.0/9

All: 0.069+/-0.000 χ^2/NDF: 4058413435778

dit_4eY_coil6_err_mean vs Slug, Sign Corrected

Left: 0.007+/-0.000 χ^2/NDF: 25602402688526659

Right In: 1.274+/-0.000 χ^2/NDF: 1212041476631073599154045304438784.0/14

Right: 0.095+/-0.000 χ^2/NDF: 3598732831032468

Left Out: 0.392+/-0.000 χ^2/NDF:4970601636939495795240204238848.0/10

In: 0.340+/-0.000 χ^2/NDF:221422447128112036

Right Out: -1.052+/-0.000 χ^2/NDF: 607316121057753919194559126962176.0/15

Out: -0.248+/-0.000 χ^2/NDF:13865622641205141

Left In: -0.373+/-0.000 χ^2/NDF:4027830907187391309812498169856.0/9

All: 0.046+/-0.000 χ^2/NDF: 3860529287783

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected

Left: -62.411+/-0.000 χ^2/NDF: 2474114328114609

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: 1139.048+/-0.000 χ^2/NDF:4658259448791670960473348624087 4102784.0/10

In: -267.604+/-0.000 χ^2/NDF:1938704977440096

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 202.626+/-0.000 χ^2/NDF:1780439593927583

Left In: -1245.495+/-0.000 χ^2/NDF:2958435569480285200251340050356 8695296.0/9

All: -32.098+/-0.000 χ^2/NDF: 388514718592

dit_usl_coil6_mean vs Slug, Sign Corrected

Left: 82.370+/-0.000 χ^2/NDF: 1907674365303776
Right In: -697.283+/-0.000 χ^2/NDF: 490435790698133828475769692944364208128.0/14
Right: 88.833+/-0.000 χ^2/NDF: 2360125827736184
Left Out: -1039.952+/-0.000 χ^2/NDF:3583897677150277373466218969284843929 6.0/9
In: 321.324+/-0.000 χ^2/NDF:17012827215785877
Right Out: 853.734+/-0.000 χ^2/NDF: 1078379020126412317155932275156201766912.0/15
Out: -160.976+/-0.000 χ^2/NDF:239588553906343
Left In: 1099.061+/-0.000 χ^2/NDF:2332796050977735548767405984643127 7056.0/9
All: 85.267+/-0.000 χ^2/NDF: 4267830525909

dit_usl_coil6_err_mean vs Slug, Sign Corrected

Left: -9.474+/-0.000 χ^2/NDF: 34429525279131419

Right In: 329.108+/-0.000 χ^2/NDF: 116863820700538623524207945698672377856.0/14

Right: -3.278+/-0.000 χ^2/NDF: 3459018192319126

Left Out: 139.443+/-0.000 χ^2/NDF:916900942982070955154469003060051968.0/9

In: 60.622+/-0.000 χ^2/NDF:200335470125629101

Right Out: -326.695+/-0.000 χ^2/NDF: 875691233543180206886110284151079424.0/15

Out: -76.920+/-0.000 χ^2/NDF:1661443359651312

Left In: -144.376+/-0.000 χ^2/NDF:968206824192830867911327417959972864.0/9

All: -6.697+/-0.000 χ^2/NDF: 3803592208095

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected

Left: -114.704+/-0.000 χ^2/NDF: 236257156196795

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1133.571+/-0.000 χ^2/NDF:462941079560089043973414759065442058 24.0/9

In: -267.604+/-0.000 χ^2/NDF:193870497744009 6

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Out: 156.031+/-0.000 χ^2/NDF:171040553731607 1

Left In: -1245.495+/-0.000 χ^2/NDF:295843556948028520025134005035686952 96.0/9

All: -60.260+/-0.000 χ^2/NDF: 378078028040

dit_usr_coil6_mean vs Slug, Sign Corrected

Right In: -444.512+/-0.000 χ^2/NDF: 3964819035015937030665358512299536547 84.0/14

Left Out: -624.910+/-0.000 χ^2/NDF:1150530769405458599276485889136105881 6.0/10

Right Out: 406.729+/-0.000 χ^2/NDF: 5291224218667748100129417822391291084 80.0/15

Left In: 576.992+/-0.000 χ^2/NDF:2879968382920195268056492602509859225 6.0/9

Left: -19.328+/-0.000 χ^2/NDF: 6495160016048624

Right: -13.070+/-0.000 χ^2/NDF: 116395703795034

In: 134.727+/-0.000 χ^2/NDF:8092915622963615

Out: -167.394+/-0.000 χ^2/NDF:935684303749824

All: -16.585+/-0.000 χ^2/NDF: 181350199317

dit_usr_coil6_err_mean vs Slug, Sign Corrected

Left: -1.547+/-0.000 χ^2/NDF: 33887268219795700

Right In: 442.162+/-0.000 χ^2/NDF: 204015999343694089140945697316947361792.0/14

Right: 18.346+/-0.000 χ^2/NDF: 5398999467995186

Left Out: 137.000+/-0.000 χ^2/NDF:102866978269669721651440350847723110 4.0/10

In: 113.198+/-0.000 χ^2/NDF:3288451900052493 9

Right Out: -394.033+/-0.000 χ^2/NDF: 105882611624182009489804426207740035072.0/15

Out: -98.505+/-0.000 χ^2/NDF:2115874201454303

Left In: -137.975+/-0.000 χ^2/NDF:971339578873557843721010126384005120.0/9

All: 7.171+/-0.000 χ^2/NDF: 5740797636447 4

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected

Left: -62.411+/-0.000 χ^2/NDF: 2474114328114609

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: 1139.048+/-0.000 χ^2/NDF:4658259448791670960473348624087 4102784.0/10

In: -267.604+/-0.000 χ^2/NDF:1938704977440096

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 202.626+/-0.000 χ^2/NDF:1780439593927583

Left In: -1245.495+/-0.000 χ^2/NDF:2958435569480285200251340050356 8695296.0/9

All: -32.098+/-0.000 χ^2/NDF: 388514718592

dit_atl1_coil6_mean vs Slug, Sign Corrected

Left: -80.068+/-0.000 χ^2/NDF: 7581906709592560

Right In: 1729.013+/-0.000 χ^2/NDF: 6413121297273347408075624116507964866560.0/14

Right: 162.918+/-0.000 χ^2/NDF: 159853161210173

Left Out: 549.683+/-0.000 χ^2/NDF:618948548166787630676826511183026585 60.0/10

In: 351.548+/-0.000 χ^2/NDF:8622254164494049 8

Right Out: -1360.914+/-0.000 χ^2/NDF: 643160593314886341303841785018650617 4464.0/15

Out: -297.636+/-0.000 χ^2/NDF:784850710415537

Left In: -700.188+/-0.000 χ^2/NDF:374870363862155859402702000201305948 16.0/9

All: 26.415+/-0.000 χ^2/NDF: 167871563662 6

dit_atl1_coil6_err_mean vs Slug, Sign Corrected

Left: -2.861+/-0.000 χ^2/NDF: 31784292118127366

Right In: 617.343+/-0.000 χ^2/NDF: 79236601298595419834531775026875596800 0.0/14

Right: -295.811+/-0.000 χ^2/NDF: 50275218393015

Left Out: 131.152+/-0.000 χ^2/NDF:89846305384695020106031373434539212 8.0/10

In: 190.830+/-0.000 χ^2/NDF:10016228332077148

Right Out: -1184.322+/-0.000 χ^2/NDF: 31674230431212426665635358204965599313 92.0/15

Out: -452.239+/-0.000 χ^2/NDF:381066595470294

Left In: -134.826+/-0.000 χ^2/NDF:10512155802050758617302590493546250 24.0/9

All: -131.240+/-0.000 χ^2/NDF: 51227515847

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected

Left: -62.411+/-0.000 χ^2/NDF: 2474114328114609

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: 1139.048+/-0.000 χ^2/NDF:4658259448791670960473348624087 4102784.0/10

In: -267.604+/-0.000 χ^2/NDF:1938704977440096

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 202.626+/-0.000 χ^2/NDF:1780439593927583

Left In: -1245.495+/-0.000 χ^2/NDF:2958435569480285200251340050356 8695296.0/9

All: -32.098+/-0.000 χ^2/NDF: 388514718592

dit_atl2_coil6_mean vs Slug, Sign Corrected

Left: 411.392+/-0.000 χ^2/NDF: 8276643827048142

Right In: -4107.443+/-0.000 χ^2/NDF: 1452743632498203145427778083121181963059 2.0/14

Right: 38.278+/-0.000 χ^2/NDF: 5690231407009786

Left Out: -6400.408+/-0.000 χ^2/NDF:4617761803828225396703174227140771053568.0/10

In: 2258.459+/-0.000 χ^2/NDF:6197721791261337

Right Out: 4072.120+/-0.000 χ^2/NDF: 2036717142369016809577885467876492994150 4.0/15

Out: -1756.009+/-0.000 χ^2/NDF:65695437023275

Left In: 7119.012+/-0.000 χ^2/NDF:1068019741157216612604866931613069475840.0/9

All: 247.883+/-0.000 χ^2/NDF: 13977167238

dit_atl2_coil6_err_mean vs Slug, Sign Corrected

Left: -19.166+/-0.000 χ^2/NDF: 8907419448710323
Right In: 1343.321+/-0.000 χ^2/NDF: 1317478352429773686550511077330771771392.0/14
Right: 7.741+/-0.000 χ^2/NDF: 49251444178656230
Left Out: 687.150+/-0.000 χ^2/NDF:46219942170715110370162365750424109056.0/10
In: 176.343+/-0.000 χ^2/NDF:2891923183042788
Right Out: -1291.796+/-0.000 χ^2/NDF: 13235689170088729779059600115869910302 72.0/15
Out: -190.481+/-0.000 χ^2/NDF:282347753705438
Left In: -714.679+/-0.000 χ^2/NDF:157808994181519316121252016969178152 96.0/9
All: -7.374+/-0.000 χ^2/NDF: 5816421581969

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected

Left: -62.411+/-0.000 χ^2/NDF: 2474114328114609

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: 1139.048+/-0.000 χ^2/NDF:4658259448791670960473348624087 4102784.0/10

In: -267.604+/-0.000 χ^2/NDF:1938704977440096

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 202.626+/-0.000 χ^2/NDF:1780439593927583

Left In: -1245.495+/-0.000 χ^2/NDF:2958435569480285200251340050356 8695296.0/9

All: -32.098+/-0.000 χ^2/NDF: 388514718592

dit_atr1_coil6_mean vs Slug, Sign Corrected

Left: -40.218+/-0.000 χ^2/NDF: 8045913847402545

Right In: 582.390+/-0.000 χ^2/NDF: 3387965676230320400727919964604900311 04.0/14

Right: 190.108+/-0.000 χ^2/NDF: 270460615635385

Left Out: 607.705+/-0.000 χ^2/NDF:6860606638387435247714975839601609 9328.0/10

In: -132.439+/-0.000 χ^2/NDF:9622354785026113

Right Out: -191.587+/-0.000 χ^2/NDF: 2168762120552346223416743005020716269568.0/15

Out: 253.232+/-0.000 χ^2/NDF:2474513845905264

Left In: -678.231+/-0.000 χ^2/NDF:3860693707511799869976970562999051878 4.0/9

All: 60.718+/-0.000 χ^2/NDF: 3548416901129

dit_atr1_coil6_err_mean vs Slug, Sign Corrected

Left: -3.022+/-0.000 χ^2/NDF: 37263366181830484
Right In: 542.328+/-0.000 χ^2/NDF: 414378812003795549649034048462817067008.0/14
Right: -164.982+/-0.000 χ^2/NDF: 36290648240362
Left Out: 143.994+/-0.000 χ^2/NDF:632329557017071089499942033026973696.0/10
In: 151.000+/-0.000 χ^2/NDF:5903751688869127
Right Out: -853.203+/-0.000 χ^2/NDF: 257407638144104678777244913713391704 4736.0/15
Out: -298.247+/-0.000 χ^2/NDF:294382675901056
Left In: -147.789+/-0.000 χ^2/NDF:7265252338637031042037707182849392 64.0/9
All: -73.997+/-0.000 χ^2/NDF: 368572050482

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected

Left: -62.411+/-0.000 χ^2/NDF: 2474114328114609

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: 1139.048+/-0.000 χ^2/NDF:4658259448791670960473348624087 4102784.0/10

In: -267.604+/-0.000 χ^2/NDF:1938704977440096

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 202.626+/-0.000 χ^2/NDF:1780439593927583

Left In: -1245.495+/-0.000 χ^2/NDF:2958435569480285200251340050356 8695296.0/9

All: -32.098+/-0.000 χ^2/NDF: 388514718592

dit_atr2_coil6_mean vs Slug, Sign Corrected

Left: 71.848+/-0.000 χ^2/NDF: 5795938969828905
Right In: -4568.297+/-0.000 χ^2/NDF: 2419505214816571954071311092197775690956 8.0/14
Right: -138.996+/-0.000 χ^2/NDF: 80283768430562
Left Out: -5711.067+/-0.000 χ^2/NDF:1382603187278234857939004680891122319360.0/10
In: 1291.892+/-0.000 χ^2/NDF:6452310650867671
Right Out: 4170.773+/-0.000 χ^2/NDF: 3096724883218791204111390955948110302412 8.0/15
Out: -1328.629+/-0.000 χ^2/NDF:68597434699447
Left In: 5766.318+/-0.000 χ^2/NDF:1022802972818909167192127127927734140928.0/9
All: -20.550+/-0.000 χ^2/NDF: 138276023551

dit_atr2_coil6_err_mean vs Slug, Sign Corrected

Left: 0.681+/-0.000 χ^2/NDF: 738259183078853237

Right In: 1556.763+/-0.000 χ^2/NDF: 1139364239218600567191855131756930793472.0/14

Right: -363.793+/-0.000 χ^2/NDF: 14852877470384

Left Out: 648.146+/-0.000 χ^2/NDF:2961518573643347101780873244074573824 0.0/10

In: 312.868+/-0.000 χ^2/NDF:2922518152927445 6

Right Out: -2232.520+/-0.000 χ^2/NDF: 8990395725533930134878595569706942332928.0/15

Out: -629.384+/-0.000 χ^2/NDF:121002837101497

Left In: -636.882+/-0.000 χ^2/NDF:1225133559728176099337897279714072985 6.0/9

All: -159.042+/-0.000 χ^2/NDF: 1568934492 5

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected

Left: -62.411+/-0.000 χ^2/NDF: 2474114328114609

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: 1139.048+/-0.000 χ^2/NDF:4658259448791670960473348624087 4102784.0/10

In: -267.604+/-0.000 χ^2/NDF:1938704977440096

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 202.626+/-0.000 χ^2/NDF:1780439593927583

Left In: -1245.495+/-0.000 χ^2/NDF:2958435569480285200251340050356 8695296.0/9

All: -32.098+/-0.000 χ^2/NDF: 388514718592

dit_sam1_coil6_mean vs Slug, Sign Corrected

Left: 134.349+/-0.000 χ^2/NDF: 8134895643697887

Right In: -337.865+/-0.000 χ^2/NDF: 1515251593300707989166109794076208188620 8.0/14

Right: -99.949+/-0.000 χ^2/NDF: 316982138957514

Left Out: -2065.919+/-0.000 χ^2/NDF:457449954291595981468780472654343700 48.0/10

In: 1158.470+/-0.000 χ^2/NDF:1776212966597608

Right Out: 131.545+/-0.000 χ^2/NDF: 1647321765107887797637742441995690206822 4.0/15

Out: -1091.378+/-0.000 χ^2/NDF:18311412958513

Left In: 2300.967+/-0.000 χ^2/NDF:4698737309078400121676005583389877862 4.0/9

All: 31.673+/-0.000 χ^2/NDF: 3987369365313

dit_sam1_coil6_err_mean vs Slug, Sign Corrected

Left: -0.632+/-0.000 χ^2/NDF: 11982004631641465

Right In: 113.134+/-0.000 χ^2/NDF: 9989638354332004017458192433874468864.0/14

Right: 5.701+/-0.000 χ^2/NDF: 30279176036436111

Left Out: 25.669+/-0.000 χ^2/NDF:3136139143844533397595095583581798 4.0/10

In: 33.938+/-0.000 χ^2/NDF:17185843949210891 8

Right Out: -98.833+/-0.000 χ^2/NDF: 5510365308590426333953610701260980224.0/15

Out: -29.546+/-0.000 χ^2/NDF:1129555885796811

Left In: -26.531+/-0.000 χ^2/NDF:1771786451200328181806954795394662 4.0/9

All: 2.143+/-0.000 χ^2/NDF: 3150702333601 1

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected

Left: -62.411+/-0.000 χ^2/NDF: 2474114328114609

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: 1139.048+/-0.000 χ^2/NDF:4658259448791670960473348624087 4102784.0/10

In: -267.604+/-0.000 χ^2/NDF:1938704977440096

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 202.626+/-0.000 χ^2/NDF:1780439593927583

Left In: -1245.495+/-0.000 χ^2/NDF:2958435569480285200251340050356 8695296.0/9

All: -32.098+/-0.000 χ^2/NDF: 388514718592

dit_sam2_coil6_mean vs Slug, Sign Corrected

Left: 27.407+/-0.000 χ^2/NDF: 4008268127421643
Right In: 6175.493+/-0.000 χ^2/NDF: 1172608771629212239674783490507084524421 12.0/14
Right: 6.138+/-0.000 χ^2/NDF: 3030550742774767 6
Left Out: 4644.462+/-0.000 χ^2/NDF:2444694000734007243634465261938192416768.0/10
In: 111.218+/-0.000 χ^2/NDF:1615773652723761 6
Right Out: -5996.727+/-0.000 χ^2/NDF: 1370577107850251365434077101079163568128 00.0/15
Out: -74.735+/-0.000 χ^2/NDF:1815347647589033
Left In: -4519.034+/-0.000 χ^2/NDF:2225888041502484842915790143256130486272.0/9
All: 18.087+/-0.000 χ^2/NDF: 3431380899859

dit_sam2_coil6_err_mean vs Slug, Sign Corrected

Left: -8.104+/-0.000 χ^2/NDF: 1298533231507684
Right In: 1186.846+/-0.000 χ^2/NDF: 1796463312802023303623210264680353234944.0/14
Right: 69.987+/-0.000 χ^2/NDF: 4321353447769683
Left Out: 262.971+/-0.000 χ^2/NDF:2383740063457592215255340835556818944.0/10
In: 357.895+/-0.000 χ^2/NDF:2588340321481337
Right Out: -1016.732+/-0.000 χ^2/NDF: 9276460034660942495583916910248250572 80.0/15
Out: -304.557+/-0.000 χ^2/NDF:153791515191055
Left In: -275.034+/-0.000 χ^2/NDF:5401649127570007964909585213692051456.0/9
All: 26.118+/-0.000 χ^2/NDF: 445571514218

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected

Left: -62.411+/-0.000 χ^2/NDF: 2474114328114609

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: 1139.048+/-0.000 χ^2/NDF:4658259448791670960473348624087 4102784.0/10

In: -267.604+/-0.000 χ^2/NDF:1938704977440096

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 202.626+/-0.000 χ^2/NDF:1780439593927583

Left In: -1245.495+/-0.000 χ^2/NDF:2958435569480285200251340050356 8695296.0/9

All: -32.098+/-0.000 χ^2/NDF: 388514718592

dit_sam3_coil6_mean vs Slug, Sign Corrected

Left: 51.023+/-0.000 χ^2/NDF: 22923855941596571

Right In: -643.217+/-0.000 χ^2/NDF: 2727269646082066940272851597849253642 24.0/14

Right: -14.605+/-0.000 χ^2/NDF: 989448118075246

Left Out: -1098.481+/-0.000 χ^2/NDF:60971240256337713542797013471696257024.0/10

In: 392.299+/-0.000 χ^2/NDF:1536374862055225

Right Out: 597.043+/-0.000 χ^2/NDF: 2107333707980314493635040043190053765 12.0/15

Out: -346.543+/-0.000 χ^2/NDF:133881921767131

Left In: 1182.946+/-0.000 χ^2/NDF:3637555202053735554088186707351856742 4.0/9

All: 22.263+/-0.000 χ^2/NDF: 328501785996

dit_sam3_coil6_err_mean vs Slug, Sign Corrected

Left: -3.591+/-0.000 χ^2/NDF: 57991613759801077

Right In: 575.526+/-0.000 χ^2/NDF: 432680039285849719493276471277131923456.0/14

Right: 45.250+/-0.000 χ^2/NDF: 1002053890195510

Left Out: 170.991+/-0.000 χ^2/NDF:282073436677049445882840410720357580 8.0/10

In: 149.659+/-0.000 χ^2/NDF:6447946955177437 5

Right Out: -470.716+/-0.000 χ^2/NDF: 209310604291868219806073768764512403456.0/15

Out: -113.596+/-0.000 χ^2/NDF:364985357749511

Left In: -175.504+/-0.000 χ^2/NDF:453923021025473725571981497006555 1360.0/9

All: 17.812+/-0.000 χ^2/NDF: 1061809054389

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected

Left: -62.411+/-0.000 χ^2/NDF: 2474114328114609

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: 1139.048+/-0.000 χ^2/NDF:4658259448791670960473348624087 4102784.0/10

In: -267.604+/-0.000 χ^2/NDF:1938704977440096

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 202.626+/-0.000 χ^2/NDF:1780439593927583

Left In: -1245.495+/-0.000 χ^2/NDF:2958435569480285200251340050356 8695296.0/9

All: -32.098+/-0.000 χ^2/NDF: 388514718592

dit_sam4_coil6_mean vs Slug, Sign Corrected

Left: 76.155+/-0.000 χ^2/NDF: 8299612144742329
Right In: -4565.412+/-0.000 χ^2/NDF: 3566776824743228998489904272515548787507 2.0/14
Right: -144.626+/-0.000 χ^2/NDF: 10623220696347
Left Out: -6719.299+/-0.000 χ^2/NDF:36509948109238249756598727794968703795 20.0/10
In: 1860.957+/-0.000 χ^2/NDF:855688055005582
Right Out: 4156.859+/-0.000 χ^2/NDF: 45539455441659927157708443099930682195968.0/15
Out: -1895.897+/-0.000 χ^2/NDF:93099542347852
Left In: 6767.679+/-0.000 χ^2/NDF:2633962132978784741994661844815034974208.0/9
All: -20.597+/-0.000 χ^2/NDF: 189264364599

dit_sam4_coil6_err_mean vs Slug, Sign Corrected

Left: -7.029+/-0.000 χ^2/NDF: 17959077822062549

Right In: 775.824+/-0.000 χ^2/NDF: 641856726975740612716432458612629045248.0/14

Right: 64.659+/-0.000 χ^2/NDF: 1586988053007642

Left Out: 297.603+/-0.000 χ^2/NDF:953552197135601920038504160013844480 0.0/10

In: 161.813+/-0.000 χ^2/NDF:1089250395632767 3

Right Out: -627.315+/-0.000 χ^2/NDF: 297517676171111924966086193860621369344.0/15

Out: -112.583+/-0.000 χ^2/NDF:624601614598338

Left In: -307.003+/-0.000 χ^2/NDF:158943068817145507927025393965633372 16.0/9

All: 24.387+/-0.000 χ^2/NDF: 1770378185467

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected

Left: -62.411+/-0.000 χ^2/NDF: 2474114328114609

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: 1139.048+/-0.000 χ^2/NDF:4658259448791670960473348624087 4102784.0/10

In: -267.604+/-0.000 χ^2/NDF:1938704977440096

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 202.626+/-0.000 χ^2/NDF:1780439593927583

Left In: -1245.495+/-0.000 χ^2/NDF:2958435569480285200251340050356 8695296.0/9

All: -32.098+/-0.000 χ^2/NDF: 388514718592

dit_sam5_coil6_mean vs Slug, Sign Corrected

Left: -76.053+/-0.000 χ^2/NDF: 3983195433137440

Right In: -64.751+/-0.000 χ^2/NDF: 96142234488518141916838173499895589109 76.0/14

Right: -2.927+/-0.000 χ^2/NDF: 2340007670014095

Left Out: -1307.429+/-0.000 χ^2/NDF:72681561490909025370941920864442830028 8.0/10

In: 616.407+/-0.000 χ^2/NDF:1088278206662763 6

Right Out: 57.229+/-0.000 χ^2/NDF: 137809589770087023019425054543871779799 04.0/15

Out: -702.225+/-0.000 χ^2/NDF:151990497551381

Left In: 1136.491+/-0.000 χ^2/NDF:737523878604150914568828572285515333632.0/9

All: -44.007+/-0.000 χ^2/NDF: 273872253994

dit_sam5_coil6_err_mean vs Slug, Sign Corrected

Left: 0.949+/-0.000 χ^2/NDF: 650392928805631757

Right In: 121.228+/-0.000 χ^2/NDF: 272317085768436257480063759486130585 6.0/14

Right: 7.708+/-0.000 χ^2/NDF: 2119221329400706 8

Left Out: 61.731+/-0.000 χ^2/NDF:197841006813512188724467111317995520.0/10

In: 19.086+/-0.000 χ^2/NDF:148330070444818166

Right Out: -102.749+/-0.000 χ^2/NDF: 196766802484601033365442767055591833 6.0/15

Out: -11.213+/-0.000 χ^2/NDF:1220768626192367

Left In: -58.903+/-0.000 χ^2/NDF:168982164788728176175332737501102080.0/9

All: 3.911+/-0.000 χ^2/NDF: 2772990989830 3

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected

Left: -62.411+/-0.000 χ^2/NDF: 2474114328114609

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: 1139.048+/-0.000 χ^2/NDF:4658259448791670960473348624087 4102784.0/10

In: -267.604+/-0.000 χ^2/NDF:1938704977440096

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 202.626+/-0.000 χ^2/NDF:1780439593927583

Left In: -1245.495+/-0.000 χ^2/NDF:2958435569480285200251340050356 8695296.0/9

All: -32.098+/-0.000 χ^2/NDF: 388514718592

dit_sam6_coil6_mean vs Slug, Sign Corrected

Left: -28.660+/-0.000 χ^2/NDF: 3514731737428920
Right In: 199.503+/-0.000 χ^2/NDF: 32681597459235338250451816648768497909 76.0/14
Right: 17.033+/-0.000 χ^2/NDF: 8991370549930185
Left Out: -1265.889+/-0.000 χ^2/NDF:48577955379407162394322918344131975577 6.0/10
In: 760.958+/-0.000 χ^2/NDF:4115050467370933 9
Right Out: -160.512+/-0.000 χ^2/NDF: 5680576709461197901526729703706251493376.0/15
Out: -775.672+/-0.000 χ^2/NDF:661990507590116
Left In: 1189.646+/-0.000 χ^2/NDF:4860984192200334979080452537734576209 92.0/9
All: -8.636+/-0.000 χ^2/NDF: 1250764587669

dit_sam6_coil6_err_mean vs Slug, Sign Corrected

Left: -4.640+/-0.000 χ^2/NDF: 16536525822139005

Right In: 143.764+/-0.000 χ^2/NDF: 451478586956577784990050859182194688 0.0/14

Right: 3.823+/-0.000 χ^2/NDF: 32765016379949297

Left Out: 92.579+/-0.000 χ^2/NDF:2620229829370858703391212739577774 08.0/10

In: 5.327+/-0.000 χ^2/NDF:270227123369420092 8

Right Out: -132.341+/-0.000 χ^2/NDF: 317408790879624528768235991428235 2640.0/15

Out: -7.169+/-0.000 χ^2/NDF:2221454573048726 2

Left In: -100.373+/-0.000 χ^2/NDF:5734798128288090978458665817986826 24.0/9

All: -0.931+/-0.000 χ^2/NDF: 4935449658797

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected

Left: -62.411+/-0.000 χ^2/NDF: 2474114328114609

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: 1139.048+/-0.000 χ^2/NDF:4658259448791670960473348624087 4102784.0/10

In: -267.604+/-0.000 χ^2/NDF:1938704977440096

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 202.626+/-0.000 χ^2/NDF:1780439593927583

Left In: -1245.495+/-0.000 χ^2/NDF:2958435569480285200251340050356 8695296.0/9

All: -32.098+/-0.000 χ^2/NDF: 388514718592

dit_sam7_coil6_mean vs Slug, Sign Corrected

Left: -10.826+/-0.000 χ^2/NDF: 4434601077714682

Right In: 285.856+/-0.000 χ^2/NDF: 2410824480235553006466331130108628172 8.0/14

Right: 2.840+/-0.000 χ^2/NDF: 17082276741945895

Left Out: 494.802+/-0.000 χ^2/NDF:939773992372484839237411601979854028 8.0/10

In: -164.704+/-0.000 χ^2/NDF:2658145755527560

Right Out: -272.539+/-0.000 χ^2/NDF: 4414995266507559365033871333357571276 8.0/15

Out: 154.499+/-0.000 χ^2/NDF:272112191597235 5

Left In: -508.721+/-0.000 χ^2/NDF:9360944205242480036148096412573237248.0/9

All: -4.837+/-0.000 χ^2/NDF: 6144209465164

dit_sam7_coil6_err_mean vs Slug, Sign Corrected

Left: -1.577+/-0.000 χ^2/NDF: 55212136953778381

Right In: 173.871+/-0.000 χ^2/NDF: 41705473404466232613073704554990665728.0/14

Right: 12.139+/-0.000 χ^2/NDF: 9772897307710637

Left Out: 53.938+/-0.000 χ^2/NDF:120701980978118657598151506865946624.0/10

In: 43.387+/-0.000 χ^2/NDF:614733719900716880

Right Out: -145.228+/-0.000 χ^2/NDF: 22529615719408594720785265744437837824.0/15

Out: -34.389+/-0.000 χ^2/NDF:3737453718912330

Left In: -56.242+/-0.000 χ^2/NDF:28099451016225416617637374255012249 6.0/9

All: 4.434+/-0.000 χ^2/NDF: 10338926299527

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected

Left: -62.411+/-0.000 χ^2/NDF: 2474114328114609

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: 1139.048+/-0.000 χ^2/NDF:4658259448791670960473348624087 4102784.0/10

In: -267.604+/-0.000 χ^2/NDF:1938704977440096

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 202.626+/-0.000 χ^2/NDF:1780439593927583

Left In: -1245.495+/-0.000 χ^2/NDF:2958435569480285200251340050356 8695296.0/9

All: -32.098+/-0.000 χ^2/NDF: 388514718592

dit_sam8_coil6_mean vs Slug, Sign Corrected

Left: 148.896+/-0.000 χ^2/NDF: 1681300971010610

Right In: -2131.905+/-0.000 χ^2/NDF: 7224333845704950711314506619836705013 76.0/14

Right: -94.234+/-0.000 χ^2/NDF: 683113062504059

Left Out: -3014.305+/-0.000 χ^2/NDF:1536075511335033389950242568536315658 24.0/10

In: 927.655+/-0.000 χ^2/NDF:11473989499256109

Right Out: 1888.448+/-0.000 χ^2/NDF: 7919866655519806910327198626117698191 36.0/15

Out: -840.012+/-0.000 χ^2/NDF:986802987229039

Left In: 3263.719+/-0.000 χ^2/NDF:3771137142998393598333505569616088268 8.0/9

All: 42.350+/-0.000 χ^2/NDF: 2368784148916

dit_sam8_coil6_err_mean vs Slug, Sign Corrected

Left: -1.999+/-0.000 χ^2/NDF: 41080367284159158

Right In: 100.135+/-0.000 χ^2/NDF: 7813910768784473081480373577053110272.0/14

Right: 9.403+/-0.000 χ^2/NDF: 21880477100402541

Left Out: 45.207+/-0.000 χ^2/NDF:1242691080264783651835311130348093 44.0/10

In: 15.863+/-0.000 χ^2/NDF:16224283705043335 4

Right Out: -78.881+/-0.000 χ^2/NDF: 3525129078433901202304301512966275072.0/15

Out: -9.824+/-0.000 χ^2/NDF:93649775560832783

Left In: -48.482+/-0.000 χ^2/NDF:2820544752727413108552955734219816 96.0/9

All: 2.998+/-0.000 χ^2/NDF: 2608461830312 4

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected

Left: -62.411+/-0.000 χ^2/NDF: 2474114328114609

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: 1139.048+/-0.000 χ^2/NDF:4658259448791670960473348624087 4102784.0/10

In: -267.604+/-0.000 χ^2/NDF:1938704977440096

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 202.626+/-0.000 χ^2/NDF:1780439593927583

Left In: -1245.495+/-0.000 χ^2/NDF:2958435569480285200251340050356 8695296.0/9

All: -32.098+/-0.000 χ^2/NDF: 388514718592

dit_run_mean vs Slug, Sign Corrected

Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 6812.618+/-0.311 χ^2/NDF:146.6/10

Right Out: -5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: -6877.525+/-0.173 χ^2/NDF:152467.3/9

Left: -3649.181+/-0.151 χ^2/NDF: 1482708357.5/20

Right: -1536.191+/-0.111 χ^2/NDF: 2585354230.9/30

In: -865.806+/-0.125 χ^2/NDF:2553323707.0/24

Out: -3734.543+/-0.127 χ^2/NDF:1383901556.6/26

All: -2274.672+/-0.089 χ^2/NDF: 4195550787

dit_run_rms vs Slug, Sign Corrected

Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 6812.618+/-0.311 χ^2/NDF:146.6/10

Right Out: 5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: 6877.525+/-0.173 χ^2/NDF:152467.3/9

Left: 6862.219+/-0.151 χ^2/NDF: 185938.7/20

Right: 5828.993+/-0.111 χ^2/NDF: 2154118.4/30

In: 6353.215+/-0.125 χ^2/NDF:21387495.7/24

Out: 6021.081+/-0.127 χ^2/NDF:7973452.7/26

All: 6190.101+/-0.089 χ^2/NDF: 32823632.9/5

dit_slug_slope vs Slug, Sign Corrected

Left: 151.316+/-0.000 χ^2/NDF: 3397563128571694

Right In: 114.980+/-0.000 χ^2/NDF: 112344936246012934714934440230912.0/16

Right: 117.096+/-0.000 χ^2/NDF: 180832885295768

Left Out: 149.841+/-0.000 χ^2/NDF:194778271774837998196251038842 88.0/10

In: 126.214+/-0.000 χ^2/NDF:7428005743491890 7

Right Out: 120.186+/-0.000 χ^2/NDF: 52233253644261695528198041763840.0/18

Out: 128.446+/-0.000 χ^2/NDF:319130303067486 2

Left In: 152.217+/-0.000 χ^2/NDF:1313162564359897551765186491187 2.0/9

All: 127.104+/-0.000 χ^2/NDF: 10661233000 3

dit_cyclenum_mean vs Slug, Sign Corrected

Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 7066.433+/-1.477 χ^2/NDF:197.1/10

Right Out: -5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: -7250.103+/-0.766 χ^2/NDF:51706.1/9

Left: -4220.279+/-0.680 χ^2/NDF: 74074590.4/20

Right: -1694.510+/-0.544 χ^2/NDF: 75266282.5/30

In: -2387.142+/-0.593 χ^2/NDF:101422795.7/24

Out: -2990.438+/-0.609 χ^2/NDF:55829301.2/26

All: -2681.105+/-0.425 χ^2/NDF: 157756007.1

dit_cyclenum_rms vs Slug, Sign Corrected

Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 7066.433+/-1.477 χ^2/NDF:197.1/10

Right Out: 5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: 7250.103+/-0.766 χ^2/NDF:51706.1/9

Left: 7211.233+/-0.680 χ^2/NDF: 64086.4/20

Right: 5004.922+/-0.544 χ^2/NDF: 372009.4/30

In: 6321.559+/-0.593 χ^2/NDF:4066507.8/24

Out: 5388.127+/-0.609 χ^2/NDF:1584347.1/26

All: 5866.733+/-0.425 χ^2/NDF: 6857163.5/51

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: 0.949+/-0.008 χ^2/NDF:78.4/10

Right Out: -1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: -1.000+/-0.000 χ^2/NDF:382.3/9

Left: -1.000+/-0.000 χ^2/NDF: 64858.5/20

Right: 0.398+/-0.000 χ^2/NDF: 14173250084479480

In: -0.500+/-0.000 χ^2/NDF:35291392710353912 3

Out: -1.000+/-0.000 χ^2/NDF:64645.1/26

All: -0.549+/-0.000 χ^2/NDF: 3643573099538

dit_flag_rms vs Slug, Sign Corrected

Right In: 1.000+/-0.000 χ^2/NDF: 95.9/14

Left Out: 0.949+/-0.008 χ^2/NDF:78.4/10

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: 1.000+/-0.000 χ^2/NDF:382.3/9

Left: 1.000+/-0.000 χ^2/NDF: 504.8/20

Right: 1.000+/-0.000 χ^2/NDF: 347.8/30

In: 1.000+/-0.000 χ^2/NDF:478.2/24

Out: 1.000+/-0.000 χ^2/NDF:291.4/26

All: 1.000+/-0.000 χ^2/NDF: 769.6/51

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:2468.0/6

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

Left In: 1.000+/-0.000 χ^2/NDF:1775.5/7

Left: 1.000+/-0.000 χ^2/NDF: 12096.6/14

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1.000+/-0.000 χ^2/NDF:1775.5/7

Out: 1.000+/-0.000 χ^2/NDF:2468.0/6

All: 1.000+/-0.000 χ^2/NDF: 12096.6/14

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected

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

Left Out: -5.711+/-0.117 χ^2/NDF:405.2/10

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

Left In: -4.481+/-0.114 χ^2/NDF:712.5/9

Left: -5.083+/-0.082 χ^2/NDF: 1174.2/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -4.481+/-0.114 χ^2/NDF:712.5/9

Out: -5.711+/-0.117 χ^2/NDF:405.2/10

All: -5.083+/-0.082 χ^2/NDF: 1174.2/20

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -57.563+/-0.141 χ^2/NDF: 3455.9/16

Left Out: -54.848+/-0.086 χ^2/NDF:408.2/10

Right Out: -57.736+/-0.143 χ^2/NDF: 4698.4/18

Left In: -54.828+/-0.087 χ^2/NDF:905.6/9

Left: -54.838+/-0.061 χ^2/NDF: 1313.8/20

Right: -57.649+/-0.101 χ^2/NDF: 8155.1/35

In: -55.576+/-0.074 χ^2/NDF:4633.2/26

Out: -55.620+/-0.074 χ^2/NDF:5405.3/29

All: -55.598+/-0.052 χ^2/NDF: 10038.7/56

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 3.168+/-0.258 χ^2/NDF: 186.2/16

Left Out: -7.032+/-0.117 χ^2/NDF:1410.5/10

Right Out: 3.726+/-0.267 χ^2/NDF: 323.3/18

Left In: -8.913+/-0.113 χ^2/NDF:990.0/9

Left: -8.008+/-0.081 χ^2/NDF: 2533.9/20

Right: 3.437+/-0.185 χ^2/NDF: 511.7/35

In: -6.967+/-0.103 χ^2/NDF:3019.4/26

Out: -5.294+/-0.107 χ^2/NDF:3094.1/29

All: -6.161+/-0.074 χ^2/NDF: 6239.4/56

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 10.306+/-0.157 χ^2/NDF: 3712.3/16

Left Out: 13.952+/-0.103 χ^2/NDF:515.2/10

Right Out: 10.433+/-0.160 χ^2/NDF: 3828.5/18

Left In: 14.121+/-0.100 χ^2/NDF:1017.0/9

Left: 14.039+/-0.072 χ^2/NDF: 1533.7/20

Right: 10.368+/-0.112 χ^2/NDF: 7541.1/35

In: 13.015+/-0.084 χ^2/NDF:5149.8/26

Out: 12.923+/-0.086 χ^2/NDF:4686.6/29

All: 12.970+/-0.060 χ^2/NDF: 9837.0/56

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.303+/-0.008 χ^2/NDF: 646.6/16

Left Out: 0.460+/-0.005 χ^2/NDF:296.0/10

Right Out: 0.241+/-0.008 χ^2/NDF: 986.7/18

Left In: 0.451+/-0.004 χ^2/NDF:351.2/9

Left: 0.455+/-0.003 χ^2/NDF: 649.1/20

Right: 0.273+/-0.006 χ^2/NDF: 1660.4/35

In: 0.419+/-0.004 χ^2/NDF:1254.7/26

Out: 0.411+/-0.004 χ^2/NDF:1795.1/29

All: 0.415+/-0.003 χ^2/NDF: 3052.2/56

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected

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

Left Out: -48.311+/-0.749 χ^2/NDF:241.9/10

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

Left In: -41.612+/-0.752 χ^2/NDF:314.6/9

Left: -44.976+/-0.530 χ^2/NDF: 596.4/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -41.612+/-0.752 χ^2/NDF:314.6/9

Out: -48.311+/-0.749 χ^2/NDF:241.9/10

All: -44.976+/-0.530 χ^2/NDF: 596.4/20

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -38.309+/-1.137 χ^2/NDF: 1132.7/16

Left Out: -34.922+/-0.524 χ^2/NDF:104.3/10

Right Out: -42.756+/-1.211 χ^2/NDF: 1341.6/18

Left In: -35.436+/-0.524 χ^2/NDF:886.6/9

Left: -35.179+/-0.371 χ^2/NDF: 991.4/20

Right: -40.393+/-0.829 χ^2/NDF: 2481.4/35

In: -35.940+/-0.476 χ^2/NDF:2024.5/26

Out: -36.159+/-0.481 χ^2/NDF:1481.1/29

All: -36.049+/-0.338 χ^2/NDF: 3505.7/56

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -114.996+/-2.072 χ^2/NDF: 141.8/16

Left Out: -148.895+/-0.752 χ^2/NDF:296.2/10

Right Out: -112.510+/-2.207 χ^2/NDF: 273.1/18

Left In: -150.739+/-0.739 χ^2/NDF:497.1/9

Left: -149.833+/-0.527 χ^2/NDF: 796.4/20

Right: -113.831+/-1.511 χ^2/NDF: 415.6/35

In: -146.707+/-0.696 χ^2/NDF:902.9/26

Out: -145.111+/-0.712 χ^2/NDF:813.0/29

All: -145.927+/-0.498 χ^2/NDF: 1718.4/56

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -175.696+/-1.268 χ^2/NDF: 692.9/16

Left Out: -140.453+/-0.634 χ^2/NDF:226.7/10

Right Out: -173.666+/-1.356 χ^2/NDF: 737.7/18

Left In: -137.397+/-0.623 χ^2/NDF:833.7/9

Left: -138.897+/-0.445 χ^2/NDF: 1072.2/20

Right: -174.749+/-0.926 χ^2/NDF: 1431.8/35

In: -144.852+/-0.559 χ^2/NDF:2261.9/26

Out: -146.418+/-0.575 χ^2/NDF:1456.7/29

All: -145.614+/-0.401 χ^2/NDF: 3722.4/56

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.067+/-0.067 χ^2/NDF: 526.1/16

Left Out: 1.619+/-0.030 χ^2/NDF:263.0/10

Right Out: -0.440+/-0.071 χ^2/NDF: 754.9/18

Left In: 1.624+/-0.029 χ^2/NDF:197.4/9

Left: 1.621+/-0.021 χ^2/NDF: 460.5/20

Right: -0.172+/-0.049 χ^2/NDF: 1308.0/35

In: 1.379+/-0.027 χ^2/NDF:1179.2/26

Out: 1.312+/-0.027 χ^2/NDF:1731.3/29

All: 1.347+/-0.019 χ^2/NDF: 2913.7/56

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected

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

Left Out: -32.375+/-0.325 χ^2/NDF:1975.5/10

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

Left In: -25.398+/-0.308 χ^2/NDF:1411.9/9

Left: -28.696+/-0.224 χ^2/NDF: 3630.0/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -25.398+/-0.308 χ^2/NDF:1411.9/9

Out: -32.375+/-0.325 χ^2/NDF:1975.5/10

All: -28.696+/-0.224 χ^2/NDF: 3630.0/20

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -3.754+/-0.495 χ^2/NDF: 165.3/16

Left Out: -4.682+/-0.224 χ^2/NDF:303.9/10

Right Out: -3.954+/-0.507 χ^2/NDF: 123.3/18

Left In: -5.801+/-0.206 χ^2/NDF:100.0/9

Left: -5.291+/-0.152 χ^2/NDF: 417.4/20

Right: -3.852+/-0.354 χ^2/NDF: 288.7/35

In: -5.500+/-0.190 χ^2/NDF:279.9/26

Out: -4.563+/-0.205 χ^2/NDF:428.9/29

All: -5.068+/-0.139 χ^2/NDF: 720.0/56

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -45.101+/-0.881 χ^2/NDF: 229.9/16

Left Out: -72.614+/-0.327 χ^2/NDF:1970.8/10

Right Out: -42.979+/-0.877 χ^2/NDF: 248.9/18

Left In: -70.428+/-0.303 χ^2/NDF:2873.0/9

Left: -71.439+/-0.222 χ^2/NDF: 4867.9/20

Right: -44.036+/-0.622 χ^2/NDF: 481.6/35

In: -67.742+/-0.287 χ^2/NDF:3842.0/26

Out: -68.994+/-0.307 χ^2/NDF:3221.3/29

All: -68.327+/-0.209 χ^2/NDF: 7072.1/56

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 23.079+/-0.556 χ^2/NDF: 461.1/16

Left Out: 26.589+/-0.273 χ^2/NDF:359.9/10

Right Out: 22.397+/-0.572 χ^2/NDF: 370.3/18

Left In: 28.186+/-0.250 χ^2/NDF:134.5/9

Left: 27.458+/-0.184 χ^2/NDF: 513.1/20

Right: 22.748+/-0.399 χ^2/NDF: 832.1/35

In: 27.327+/-0.228 χ^2/NDF:665.9/26

Out: 25.811+/-0.246 χ^2/NDF:773.9/29

All: 26.629+/-0.167 χ^2/NDF: 1460.2/56

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -0.377+/-0.030 χ^2/NDF: 437.1/16

Left Out: 0.226+/-0.013 χ^2/NDF:93.9/10

Right Out: -0.601+/-0.030 χ^2/NDF: 555.6/18

Left In: 0.184+/-0.012 χ^2/NDF:214.3/9

Left: 0.204+/-0.009 χ^2/NDF: 313.6/20

Right: -0.489+/-0.021 χ^2/NDF: 1020.5/35

In: 0.103+/-0.011 χ^2/NDF:949.2/26

Out: 0.096+/-0.012 χ^2/NDF:1282.6/29

All: 0.100+/-0.008 χ^2/NDF: 2232.0/56

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected

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

Left Out: -55.406+/-0.720 χ^2/NDF:1867.9/10

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

Left In: -44.092+/-0.714 χ^2/NDF:526.8/9

Left: -49.697+/-0.507 χ^2/NDF: 2519.2/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -44.092+/-0.714 χ^2/NDF:526.8/9

Out: -55.406+/-0.720 χ^2/NDF:1867.9/10

All: -49.697+/-0.507 χ^2/NDF: 2519.2/20

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 24.848+/-0.801 χ^2/NDF: 690.8/16

Left Out: 23.610+/-0.496 χ^2/NDF:908.6/10

Right Out: 27.648+/-0.810 χ^2/NDF: 1009.2/18

Left In: 20.848+/-0.493 χ^2/NDF:641.2/9

Left: 22.219+/-0.350 χ^2/NDF: 1565.4/20

Right: 26.231+/-0.570 χ^2/NDF: 1706.0/35

In: 21.947+/-0.420 χ^2/NDF:1350.2/26

Out: 24.712+/-0.423 χ^2/NDF:1935.8/29

All: 23.318+/-0.298 χ^2/NDF: 3307.5/56

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -76.728+/-1.412 χ^2/NDF: 1042.0/16

Left Out: -128.544+/-0.720 χ^2/NDF:1085.4/10

Right Out: -77.773+/-1.352 χ^2/NDF: 871.8/18

Left In: -133.446+/-0.702 χ^2/NDF:809.0/9

Left: -131.057+/-0.503 χ^2/NDF: 1918.1/20

Right: -77.273+/-0.977 χ^2/NDF: 1914.1/35

In: -122.214+/-0.628 χ^2/NDF:3144.6/26

Out: -117.332+/-0.635 χ^2/NDF:3055.5/29

All: -119.800+/-0.447 χ^2/NDF: 6229.9/56

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 184.271+/-0.914 χ^2/NDF: 5401.0/16

Left Out: 198.747+/-0.604 χ^2/NDF:784.0/10

Right Out: 177.930+/-0.924 χ^2/NDF: 6330.9/18

Left In: 196.212+/-0.590 χ^2/NDF:615.4/9

Left: 197.452+/-0.422 χ^2/NDF: 1408.5/20

Right: 181.136+/-0.650 χ^2/NDF: 11755.7/35

In: 192.695+/-0.496 χ^2/NDF:6136.9/26

Out: 192.521+/-0.505 χ^2/NDF:7470.8/29

All: 192.610+/-0.354 χ^2/NDF: 13607.7/56

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -1.196+/-0.048 χ^2/NDF: 623.1/16

Left Out: -0.544+/-0.029 χ^2/NDF:473.6/10

Right Out: -1.385+/-0.046 χ^2/NDF: 924.4/18

Left In: -0.582+/-0.028 χ^2/NDF:475.3/9

Left: -0.564+/-0.020 χ^2/NDF: 949.7/20

Right: -1.295+/-0.033 χ^2/NDF: 1555.6/35

In: -0.738+/-0.024 χ^2/NDF:1220.2/26

Out: -0.782+/-0.024 χ^2/NDF:1639.6/29

All: -0.760+/-0.017 χ^2/NDF: 2861.6/56

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected

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

Left Out: -1.759+/-0.329 χ^2/NDF:528.2/10

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

Left In: 0.310+/-0.321 χ^2/NDF:318.6/9

Left: -0.699+/-0.230 χ^2/NDF: 867.0/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.310+/-0.321 χ^2/NDF:318.6/9

Out: -1.759+/-0.329 χ^2/NDF:528.2/10

All: -0.699+/-0.230 χ^2/NDF: 867.0/20

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 60.554+/-0.262 χ^2/NDF: 930.8/16

Left Out: 57.342+/-0.234 χ^2/NDF:449.5/10

Right Out: 59.477+/-0.248 χ^2/NDF: 1317.0/18

Left In: 56.135+/-0.236 χ^2/NDF:855.8/9

Left: 56.744+/-0.166 χ^2/NDF: 1318.5/20

Right: 59.987+/-0.180 χ^2/NDF: 2256.7/35

In: 58.118+/-0.175 χ^2/NDF:1943.9/26

Out: 58.348+/-0.170 χ^2/NDF:1805.7/29

All: 58.237+/-0.122 χ^2/NDF: 3750.5/56

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 1.914+/-0.458 χ^2/NDF: 121.6/16

Left Out: 8.249+/-0.328 χ^2/NDF:331.2/10

Right Out: 0.960+/-0.424 χ^2/NDF: 149.5/18

Left In: 6.168+/-0.315 χ^2/NDF:307.3/9

Left: 7.169+/-0.227 χ^2/NDF: 659.4/20

Right: 1.401+/-0.311 χ^2/NDF: 273.4/35

In: 4.798+/-0.260 χ^2/NDF:487.4/26

Out: 5.526+/-0.259 χ^2/NDF:665.6/29

All: 5.163+/-0.184 χ^2/NDF: 1157.0/56

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 45.344+/-0.303 χ^2/NDF: 25071.0/16

Left Out: 84.721+/-0.281 χ^2/NDF:472.1/10

Right Out: 46.007+/-0.289 χ^2/NDF: 28219.9/18

Left In: 85.137+/-0.276 χ^2/NDF:692.6/9

Left: 84.933+/-0.197 χ^2/NDF: 1165.8/20

Right: 45.691+/-0.209 χ^2/NDF: 53293.4/35

In: 67.119+/-0.204 χ^2/NDF:35186.8/26

Out: 65.949+/-0.202 χ^2/NDF:37905.8/29

All: 66.527+/-0.143 χ^2/NDF: 73109.3/56

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.201+/-0.014 χ^2/NDF: 217.8/16

Left Out: -0.312+/-0.013 χ^2/NDF:589.3/10

Right Out: 0.117+/-0.013 χ^2/NDF: 500.1/18

Left In: -0.275+/-0.012 χ^2/NDF:719.7/9

Left: -0.292+/-0.009 χ^2/NDF: 1313.6/20

Right: 0.156+/-0.010 χ^2/NDF: 737.1/35

In: -0.071+/-0.009 χ^2/NDF:1594.3/26

Out: -0.100+/-0.009 χ^2/NDF:1640.2/29

All: -0.085+/-0.006 χ^2/NDF: 3239.5/56

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected

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

Left Out: 23.602+/-0.340 χ^2/NDF:230.5/10

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

Left In: 21.912+/-0.345 χ^2/NDF:283.8/9

Left: 22.771+/-0.242 χ^2/NDF: 526.6/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 21.912+/-0.345 χ^2/NDF:283.8/9

Out: 23.602+/-0.340 χ^2/NDF:230.5/10

All: 22.771+/-0.242 χ^2/NDF: 526.6/20

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 52.981+/-0.210 χ^2/NDF: 1197.8/16

Left Out: 45.455+/-0.240 χ^2/NDF:371.1/10

Right Out: 53.328+/-0.227 χ^2/NDF: 872.7/18

Left In: 45.313+/-0.249 χ^2/NDF:1170.9/9

Left: 45.387+/-0.173 χ^2/NDF: 1542.1/20

Right: 53.141+/-0.154 χ^2/NDF: 2071.7/35

In: 49.794+/-0.161 χ^2/NDF:2922.0/26

Out: 49.623+/-0.165 χ^2/NDF:1811.4/29

All: 49.711+/-0.115 χ^2/NDF: 4733.9/56

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -2.361+/-0.364 χ^2/NDF: 840.8/16

Left Out: 44.672+/-0.340 χ^2/NDF:405.4/10

Right Out: -1.035+/-0.377 χ^2/NDF: 507.7/18

Left In: 47.609+/-0.339 χ^2/NDF:392.1/9

Left: 46.142+/-0.240 χ^2/NDF: 834.9/20

Right: -1.721+/-0.262 χ^2/NDF: 1355.0/35

In: 24.375+/-0.248 χ^2/NDF:11326.2/26

Out: 24.195+/-0.252 χ^2/NDF:9030.5/29

All: 24.286+/-0.177 χ^2/NDF: 20357.0/56

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 0.541+/-0.247 χ^2/NDF: 18423.8/16

Left Out: 62.945+/-0.290 χ^2/NDF:682.7/10

Right Out: 1.990+/-0.267 χ^2/NDF: 15476.7/18

Left In: 64.082+/-0.292 χ^2/NDF:1577.0/9

Left: 63.509+/-0.206 χ^2/NDF: 2267.4/20

Right: 1.210+/-0.181 χ^2/NDF: 33916.4/35

In: 26.958+/-0.189 χ^2/NDF:47579.3/26

Out: 29.900+/-0.196 χ^2/NDF:40110.4/29

All: 28.370+/-0.136 χ^2/NDF: 87806.6/56

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.105+/-0.011 χ^2/NDF: 400.7/16

Left Out: -0.355+/-0.013 χ^2/NDF:286.5/10

Right Out: 0.088+/-0.011 χ^2/NDF: 391.0/18

Left In: -0.341+/-0.013 χ^2/NDF:403.3/9

Left: -0.348+/-0.009 χ^2/NDF: 690.3/20

Right: 0.096+/-0.008 χ^2/NDF: 792.9/35

In: -0.082+/-0.008 χ^2/NDF:1488.9/26

Out: -0.091+/-0.008 χ^2/NDF:1330.2/29

All: -0.086+/-0.006 χ^2/NDF: 2819.6/56

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected

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

Left Out: 14.822+/-0.118 χ^2/NDF:1057.0/10

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

Left In: 16.540+/-0.120 χ^2/NDF:404.4/9

Left: 15.665+/-0.084 χ^2/NDF: 1565.9/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 16.540+/-0.120 χ^2/NDF:404.4/9

Out: 14.822+/-0.118 χ^2/NDF:1057.0/10

All: 15.665+/-0.084 χ^2/NDF: 1565.9/20

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 10.224+/-0.119 χ^2/NDF: 877.6/16

Left Out: 10.291+/-0.082 χ^2/NDF:1643.6/10

Right Out: 11.104+/-0.116 χ^2/NDF: 817.2/18

Left In: 9.800+/-0.083 χ^2/NDF:1305.9/9

Left: 10.046+/-0.058 χ^2/NDF: 2967.3/20

Right: 10.673+/-0.083 χ^2/NDF: 1722.7/35

In: 9.938+/-0.068 χ^2/NDF:2192.1/26

Out: 10.562+/-0.067 χ^2/NDF:2493.4/29

All: 10.253+/-0.048 χ^2/NDF: 4728.2/56

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -72.201+/-0.198 χ^2/NDF: 5566.9/16

Left Out: -52.361+/-0.119 χ^2/NDF:1114.4/10

Right Out: -76.003+/-0.181 χ^2/NDF: 3465.4/18

Left In: -52.941+/-0.119 χ^2/NDF:1217.3/9

Left: -52.652+/-0.084 χ^2/NDF: 2343.6/20

Right: -74.270+/-0.133 χ^2/NDF: 9233.6/35

In: -58.053+/-0.102 χ^2/NDF:13756.4/26

Out: -59.526+/-0.100 χ^2/NDF:16479.1/29

All: -58.806+/-0.071 χ^2/NDF: 30342.4/56

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -16.072+/-0.132 χ^2/NDF: 1640.9/16

Left Out: -16.948+/-0.100 χ^2/NDF:1601.2/10

Right Out: -16.799+/-0.128 χ^2/NDF: 1215.8/18

Left In: -16.763+/-0.099 χ^2/NDF:1132.0/9

Left: -16.855+/-0.071 χ^2/NDF: 2735.0/20

Right: -16.447+/-0.092 χ^2/NDF: 2872.2/35

In: -16.513+/-0.079 χ^2/NDF:2790.4/26

Out: -16.892+/-0.079 χ^2/NDF:2817.8/29

All: -16.704+/-0.056 χ^2/NDF: 5619.6/56

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -0.198+/-0.008 χ^2/NDF: 6338.8/16

Left Out: 0.433+/-0.005 χ^2/NDF:177.8/10

Right Out: -0.237+/-0.007 χ^2/NDF: 6221.9/18

Left In: 0.408+/-0.005 χ^2/NDF:95.3/9

Left: 0.420+/-0.003 χ^2/NDF: 287.2/20

Right: -0.218+/-0.005 χ^2/NDF: 12574.6/35

In: 0.237+/-0.004 χ^2/NDF:11071.0/26

Out: 0.227+/-0.004 χ^2/NDF:12446.2/29

All: 0.232+/-0.003 χ^2/NDF: 23520.0/56

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected

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

Left Out: 6.798+/-0.093 χ^2/NDF:4733.4/10

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

Left In: 9.175+/-0.098 χ^2/NDF:1121.3/9

Left: 7.927+/-0.067 χ^2/NDF: 6166.3/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 9.175+/-0.098 χ^2/NDF:1121.3/9

Out: 6.798+/-0.093 χ^2/NDF:4733.4/10

All: 7.927+/-0.067 χ^2/NDF: 6166.3/20

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -42.179+/-0.078 χ^2/NDF: 6573.8/16

Left Out: -39.046+/-0.065 χ^2/NDF:5497.4/10

Right Out: -40.052+/-0.073 χ^2/NDF: 11313.5/18

Left In: -39.513+/-0.068 χ^2/NDF:6643.4/9

Left: -39.268+/-0.047 χ^2/NDF: 12165.6/20

Right: -41.045+/-0.053 χ^2/NDF: 18285.9/35

In: -40.667+/-0.051 χ^2/NDF:13883.5/26

Out: -39.490+/-0.048 χ^2/NDF:16917.7/29

All: -40.045+/-0.035 χ^2/NDF: 31080.8/56

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -48.743+/-0.124 χ^2/NDF: 14658.5/16

Left Out: -35.598+/-0.094 χ^2/NDF:4428.6/10

Right Out: -48.091+/-0.107 χ^2/NDF: 11731.5/18

Left In: -38.390+/-0.097 χ^2/NDF:1346.2/9

Left: -36.954+/-0.067 χ^2/NDF: 6204.7/20

Right: -48.369+/-0.081 χ^2/NDF: 26405.8/35

In: -42.280+/-0.076 χ^2/NDF:20326.4/26

Out: -41.018+/-0.071 χ^2/NDF:23846.7/29

All: -41.601+/-0.052 χ^2/NDF: 44320.7/56

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 43.782+/-0.087 χ^2/NDF: 10638.7/16

Left Out: 40.849+/-0.079 χ^2/NDF:4663.7/10

Right Out: 40.530+/-0.080 χ^2/NDF: 17580.7/18

Left In: 42.030+/-0.081 χ^2/NDF:4664.9/9

Left: 41.419+/-0.056 χ^2/NDF: 9438.0/20

Right: 42.031+/-0.059 χ^2/NDF: 28978.3/35

In: 42.850+/-0.059 χ^2/NDF:15521.5/26

Out: 40.693+/-0.056 χ^2/NDF:22252.5/29

All: 41.712+/-0.041 χ^2/NDF: 38472.5/56

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -0.178+/-0.005 χ^2/NDF: 7375.8/16

Left Out: 0.270+/-0.004 χ^2/NDF:704.1/10

Right Out: -0.219+/-0.004 χ^2/NDF: 7470.0/18

Left In: 0.245+/-0.004 χ^2/NDF:570.1/9

Left: 0.257+/-0.003 χ^2/NDF: 1296.3/20

Right: -0.201+/-0.003 χ^2/NDF: 14886.5/35

In: 0.083+/-0.003 χ^2/NDF:12641.1/26

Out: 0.059+/-0.003 χ^2/NDF:15502.8/29

All: 0.070+/-0.002 χ^2/NDF: 28177.5/56

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected

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

Left Out: -83.325+/-0.662 χ^2/NDF:563.2/9

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

Left In: -81.975+/-0.630 χ^2/NDF:337.2/9

Left: -82.617+/-0.457 χ^2/NDF: 902.6/19

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -81.975+/-0.630 χ^2/NDF:337.2/9

Out: -83.325+/-0.662 χ^2/NDF:563.2/9

All: -82.617+/-0.457 χ^2/NDF: 902.6/19

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 7.063+/-0.434 χ^2/NDF: 446.9/15

Left Out: 3.191+/-0.431 χ^2/NDF:91.7/9

Right Out: 8.816+/-0.449 χ^2/NDF: 350.4/17

Left In: 2.928+/-0.420 χ^2/NDF:80.1/9

Left: 3.056+/-0.301 χ^2/NDF: 172.0/19

Right: 7.909+/-0.312 χ^2/NDF: 805.1/33

In: 4.932+/-0.302 χ^2/NDF:573.9/25

Out: 5.887+/-0.311 χ^2/NDF:523.8/27

All: 5.395+/-0.217 χ^2/NDF: 1102.5/53

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 58.913+/-0.831 χ^2/NDF: 1496.7/15

Left Out: 22.792+/-0.649 χ^2/NDF:917.2/9

Right Out: 64.803+/-0.840 χ^2/NDF: 1718.2/17

Left In: 21.222+/-0.613 χ^2/NDF:723.4/9

Left: 21.962+/-0.445 χ^2/NDF: 1643.7/19

Right: 61.827+/-0.591 χ^2/NDF: 3239.7/33

In: 34.484+/-0.493 χ^2/NDF:3552.1/25

Out: 38.480+/-0.513 χ^2/NDF:4201.6/27

All: 36.402+/-0.356 χ^2/NDF: 7785.3/53

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 9.583+/-0.501 χ^2/NDF: 554.4/15

Left Out: 18.239+/-0.536 χ^2/NDF:112.3/9

Right Out: 7.516+/-0.516 χ^2/NDF: 569.8/17

Left In: 18.656+/-0.511 χ^2/NDF:246.3/9

Left: 18.458+/-0.370 χ^2/NDF: 358.9/19

Right: 8.579+/-0.359 χ^2/NDF: 1132.5/33

In: 14.028+/-0.358 χ^2/NDF:961.3/25

Out: 12.669+/-0.372 χ^2/NDF:889.9/27

All: 13.374+/-0.258 χ^2/NDF: 1858.1/53

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -39.777+/-0.031 χ^2/NDF: 26158.0/15

Left Out: -44.483+/-0.026 χ^2/NDF:113189.8/9

Right Out: -41.651+/-0.031 χ^2/NDF: 94457.5/17

Left In: -43.488+/-0.024 χ^2/NDF:94731.5/9

Left: -43.944+/-0.018 χ^2/NDF: 208695.3/19

Right: -40.710+/-0.022 χ^2/NDF: 122427.7/33

In: -42.085+/-0.019 χ^2/NDF:129764.3/25

Out: -43.305+/-0.020 χ^2/NDF:212463.5/27

All: -42.664+/-0.014 χ^2/NDF: 344163.1/53

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected

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

Left Out: -69.815+/-0.626 χ^2/NDF:582.5/10

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

Left In: -73.563+/-0.621 χ^2/NDF:169.0/9

Left: -71.705+/-0.441 χ^2/NDF: 769.6/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -73.563+/-0.621 χ^2/NDF:169.0/9

Out: -69.815+/-0.626 χ^2/NDF:582.5/10

All: -71.705+/-0.441 χ^2/NDF: 769.6/20

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 4.894+/-0.621 χ^2/NDF: 295.4/16

Left Out: 4.359+/-0.412 χ^2/NDF:280.8/10

Right Out: 7.565+/-0.652 χ^2/NDF: 270.2/18

Left In: 4.963+/-0.414 χ^2/NDF:155.5/9

Left: 4.660+/-0.292 χ^2/NDF: 437.4/20

Right: 6.165+/-0.450 χ^2/NDF: 574.4/35

In: 4.942+/-0.344 χ^2/NDF:450.9/26

Out: 5.274+/-0.348 χ^2/NDF:568.3/29

All: 5.106+/-0.245 χ^2/NDF: 1019.7/56

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 153.298+/-1.145 χ^2/NDF: 2266.8/16

Left Out: 129.542+/-0.619 χ^2/NDF:649.8/10

Right Out: 162.747+/-1.177 χ^2/NDF: 1708.7/18

Left In: 131.947+/-0.604 χ^2/NDF:322.2/9

Left: 130.773+/-0.432 χ^2/NDF: 979.7/20

Right: 157.893+/-0.820 χ^2/NDF: 4008.6/35

In: 136.598+/-0.534 χ^2/NDF:2861.0/26

Out: 136.732+/-0.548 χ^2/NDF:2982.4/29

All: 136.663+/-0.382 χ^2/NDF: 5843.5/56

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 10.878+/-0.713 χ^2/NDF: 388.1/16

Left Out: 12.720+/-0.510 χ^2/NDF:476.7/10

Right Out: 7.014+/-0.748 χ^2/NDF: 424.5/18

Left In: 11.821+/-0.503 χ^2/NDF:354.6/9

Left: 12.265+/-0.358 χ^2/NDF: 832.9/20

Right: 9.038+/-0.516 χ^2/NDF: 826.6/35

In: 11.508+/-0.411 χ^2/NDF:743.9/26

Out: 10.912+/-0.421 χ^2/NDF:940.9/29

All: 11.217+/-0.294 χ^2/NDF: 1685.9/56

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -41.265+/-0.038 χ^2/NDF: 12570.1/16

Left Out: -42.366+/-0.025 χ^2/NDF:66123.9/10

Right Out: -41.144+/-0.039 χ^2/NDF: 12218.7/18

Left In: -40.502+/-0.024 χ^2/NDF:45447.8/9

Left: -41.391+/-0.017 χ^2/NDF: 114471.2/20

Right: -41.205+/-0.027 χ^2/NDF: 24793.7/35

In: -40.715+/-0.020 χ^2/NDF:58301.5/26

Out: -42.004+/-0.021 χ^2/NDF:79048.1/29

All: -41.337+/-0.015 χ^2/NDF: 139298.2/56

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected

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

Left Out: -0.097+/-0.035 χ^2/NDF:8.9/9

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

Left In: -0.062+/-0.034 χ^2/NDF:5.3/9

Left: -0.079+/-0.024 χ^2/NDF: 14.7/19

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.062+/-0.034 χ^2/NDF:5.3/9

Out: -0.097+/-0.035 χ^2/NDF:8.9/9

All: -0.079+/-0.024 χ^2/NDF: 14.7/19

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 0.002+/-0.028 χ^2/NDF: 12.5/15

Left Out: -0.086+/-0.024 χ^2/NDF:3.5/9

Right Out: -0.051+/-0.029 χ^2/NDF: 25.8/17

Left In: -0.039+/-0.023 χ^2/NDF:16.4/9

Left: -0.062+/-0.017 χ^2/NDF: 21.9/19

Right: -0.024+/-0.020 χ^2/NDF: 40.0/33

In: -0.023+/-0.018 χ^2/NDF:30.2/25

Out: -0.072+/-0.018 χ^2/NDF:30.2/27

All: -0.047+/-0.013 χ^2/NDF: 64.1/53

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 0.171+/-0.052 χ^2/NDF: 13.7/15

Left Out: 0.085+/-0.034 χ^2/NDF:8.7/9

Right Out: 0.239+/-0.054 χ^2/NDF: 21.8/17

Left In: 0.058+/-0.033 χ^2/NDF:5.2/9

Left: 0.071+/-0.024 χ^2/NDF: 14.3/19

Right: 0.204+/-0.038 χ^2/NDF: 36.3/33

In: 0.090+/-0.028 χ^2/NDF:22.2/25

Out: 0.129+/-0.029 χ^2/NDF:36.4/27

All: 0.109+/-0.020 χ^2/NDF: 59.5/53

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -0.011+/-0.033 χ^2/NDF: 13.8/15

Left Out: 0.110+/-0.029 χ^2/NDF:3.6/9

Right Out: 0.059+/-0.034 χ^2/NDF: 20.6/17

Left In: 0.064+/-0.028 χ^2/NDF:14.0/9

Left: 0.087+/-0.020 χ^2/NDF: 18.9/19

Right: 0.022+/-0.023 χ^2/NDF: 36.5/33

In: 0.032+/-0.021 χ^2/NDF:30.9/25

Out: 0.089+/-0.022 χ^2/NDF:25.5/27

All: 0.059+/-0.015 χ^2/NDF: 59.8/53

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -0.012+/-0.002 χ^2/NDF: 12.9/15

Left Out: -0.009+/-0.001 χ^2/NDF:8.2/9

Right Out: -0.012+/-0.002 χ^2/NDF: 11891.5/17

Left In: -0.011+/-0.001 χ^2/NDF:9.6/9

Left: -0.010+/-0.001 χ^2/NDF: 19.6/19

Right: -0.012+/-0.001 χ^2/NDF: 11904.4/33

In: -0.011+/-0.001 χ^2/NDF:22.6/25

Out: -0.010+/-0.001 χ^2/NDF:11901.9/27

All: -0.011+/-0.001 χ^2/NDF: 11925.5/53

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

Left Out: -0.021+/-0.046 χ^2/NDF:17.5/10

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

Left In: -0.050+/-0.046 χ^2/NDF:11.5/9

Left: -0.036+/-0.032 χ^2/NDF: 29.2/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.050+/-0.046 χ^2/NDF:11.5/9

Out: -0.021+/-0.046 χ^2/NDF:17.5/10

All: -0.036+/-0.032 χ^2/NDF: 29.2/20

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -0.024+/-0.037 χ^2/NDF: 23.4/16

Left Out: -0.058+/-0.031 χ^2/NDF:14.7/10

Right Out: -0.128+/-0.039 χ^2/NDF: 17.6/18

Left In: -0.145+/-0.032 χ^2/NDF:10.4/9

Left: -0.100+/-0.022 χ^2/NDF: 28.9/20

Right: -0.072+/-0.027 χ^2/NDF: 44.7/35

In: -0.093+/-0.024 χ^2/NDF:39.9/26

Out: -0.085+/-0.024 χ^2/NDF:34.3/29

All: -0.089+/-0.017 χ^2/NDF: 74.3/56

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -0.129+/-0.067 χ^2/NDF: 23.7/16

Left Out: 0.013+/-0.045 χ^2/NDF:17.2/10

Right Out: -0.172+/-0.071 χ^2/NDF: 15.0/18

Left In: 0.027+/-0.045 χ^2/NDF:10.4/9

Left: 0.020+/-0.032 χ^2/NDF: 27.6/20

Right: -0.149+/-0.049 χ^2/NDF: 39.0/35

In: -0.022+/-0.037 χ^2/NDF:37.9/26

Out: -0.040+/-0.038 χ^2/NDF:37.0/29

All: -0.031+/-0.027 χ^2/NDF: 75.0/56

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 0.021+/-0.042 χ^2/NDF: 22.5/16

Left Out: 0.069+/-0.038 χ^2/NDF:13.3/10

Right Out: 0.152+/-0.045 χ^2/NDF: 16.2/18

Left In: 0.172+/-0.038 χ^2/NDF:10.9/9

Left: 0.120+/-0.027 χ^2/NDF: 27.8/20

Right: 0.082+/-0.031 χ^2/NDF: 43.2/35

In: 0.104+/-0.028 χ^2/NDF:40.4/26

Out: 0.103+/-0.029 χ^2/NDF:31.5/29

All: 0.103+/-0.020 χ^2/NDF: 71.9/56

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.001+/-0.002 χ^2/NDF: 32.4/16

Left Out: 0.011+/-0.002 χ^2/NDF:5.4/10

Right Out: 0.001+/-0.002 χ^2/NDF: 10449.1/18

Left In: 0.011+/-0.002 χ^2/NDF:4.8/9

Left: 0.011+/-0.001 χ^2/NDF: 10.3/20

Right: 0.001+/-0.002 χ^2/NDF: 10481.5/35

In: 0.007+/-0.001 χ^2/NDF:50.1/26

Out: 0.007+/-0.001 χ^2/NDF:10465.5/29

All: 0.007+/-0.001 χ^2/NDF: 10515.7/56

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: -75.792+/-0.555 χ^2/NDF:594.3/9

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

Left In: -77.697+/-0.529 χ^2/NDF:255.8/9

Left: -76.790+/-0.383 χ^2/NDF: 856.4/19

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -77.697+/-0.529 χ^2/NDF:255.8/9

Out: -75.792+/-0.555 χ^2/NDF:594.3/9

All: -76.790+/-0.383 χ^2/NDF: 856.4/19

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: 3.999+/-0.355 χ^2/NDF:187.4/9

Right Out: 8.142+/-0.454 χ^2/NDF: 407.7/17

Left In: 4.269+/-0.348 χ^2/NDF:147.3/9

Left: 4.137+/-0.249 χ^2/NDF: 335.0/19

Right: 6.778+/-0.310 χ^2/NDF: 887.4/33

In: 4.801+/-0.269 χ^2/NDF:615.9/25

Out: 5.575+/-0.280 χ^2/NDF:646.8/27

All: 5.173+/-0.194 χ^2/NDF: 1266.6/53

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: 74.818+/-0.542 χ^2/NDF:801.2/9

Right Out: 110.756+/-0.836 χ^2/NDF: 2513.0/17

Left In: 76.252+/-0.513 χ^2/NDF:600.6/9

Left: 75.575+/-0.373 χ^2/NDF: 1405.5/19

Right: 106.031+/-0.581 χ^2/NDF: 5553.5/33

In: 83.554+/-0.433 χ^2/NDF:4284.0/25

Out: 85.456+/-0.455 χ^2/NDF:4614.5/27

All: 84.458+/-0.314 χ^2/NDF: 8907.7/53

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: 14.753+/-0.444 χ^2/NDF:314.6/9

Right Out: 7.477+/-0.524 χ^2/NDF: 689.3/17

Left In: 14.604+/-0.425 χ^2/NDF:399.0/9

Left: 14.675+/-0.307 χ^2/NDF: 713.6/19

Right: 9.088+/-0.359 χ^2/NDF: 1288.6/33

In: 12.854+/-0.322 χ^2/NDF:1020.2/25

Out: 11.711+/-0.339 χ^2/NDF:1116.1/27

All: 12.312+/-0.233 χ^2/NDF: 2142.3/53

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: -42.722+/-0.022 χ^2/NDF:102849.8/9

Right Out: -41.609+/-0.029 χ^2/NDF: 61784.6/17

Left In: -41.779+/-0.020 χ^2/NDF:88601.9/9

Left: -42.211+/-0.015 χ^2/NDF: 192432.9/19

Right: -40.834+/-0.020 χ^2/NDF: 88360.5/33

In: -41.196+/-0.017 χ^2/NDF:116111.0/25

Out: -42.304+/-0.018 χ^2/NDF:165580.6/27

All: -41.717+/-0.012 χ^2/NDF: 283811.1/53

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: -8.324+/-0.338 χ^2/NDF:383.1/9

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

Left In: -5.094+/-0.326 χ^2/NDF:269.0/9

Left: -6.647+/-0.235 χ^2/NDF: 699.4/19

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -5.094+/-0.326 χ^2/NDF:269.0/9

Out: -8.324+/-0.338 χ^2/NDF:383.1/9

All: -6.647+/-0.235 χ^2/NDF: 699.4/19

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: -0.364+/-0.230 χ^2/NDF:144.3/9

Right Out: 0.906+/-0.354 χ^2/NDF: 42.0/17

Left In: -0.854+/-0.224 χ^2/NDF:49.2/9

Left: -0.616+/-0.160 χ^2/NDF: 195.8/19

Right: 0.937+/-0.244 χ^2/NDF: 84.9/33

In: -0.300+/-0.187 χ^2/NDF:112.2/25

Out: 0.014+/-0.193 χ^2/NDF:195.3/27

All: -0.148+/-0.134 χ^2/NDF: 308.9/53

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: -51.399+/-0.334 χ^2/NDF:492.0/9

Right Out: -52.346+/-0.616 χ^2/NDF: 235.7/17

Left In: -54.383+/-0.319 χ^2/NDF:318.5/9

Left: -52.960+/-0.231 χ^2/NDF: 852.2/19

Right: -52.246+/-0.434 χ^2/NDF: 466.0/33

In: -53.905+/-0.283 χ^2/NDF:559.2/25

Out: -51.615+/-0.294 χ^2/NDF:729.5/27

All: -52.803+/-0.204 χ^2/NDF: 1320.4/53

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: 2.886+/-0.282 χ^2/NDF:176.7/9

Right Out: 0.416+/-0.400 χ^2/NDF: 95.8/17

Left In: 3.415+/-0.269 χ^2/NDF:36.2/9

Left: 3.163+/-0.195 χ^2/NDF: 214.8/19

Right: -0.111+/-0.277 χ^2/NDF: 181.7/33

In: 2.091+/-0.220 χ^2/NDF:192.0/25

Out: 2.066+/-0.230 χ^2/NDF:298.0/27

All: 2.079+/-0.159 χ^2/NDF: 490.0/53

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: -1.994+/-0.013 χ^2/NDF:28309.9/9

Right Out: -1.631+/-0.022 χ^2/NDF: 77878.6/17

Left In: -1.833+/-0.012 χ^2/NDF:18915.6/9

Left: -1.909+/-0.009 χ^2/NDF: 47303.8/19

Right: -0.739+/-0.015 χ^2/NDF: 86433.1/33

In: -1.339+/-0.011 χ^2/NDF:30396.4/25

Out: -1.897+/-0.011 χ^2/NDF:106391.3/27

All: -1.605+/-0.008 χ^2/NDF: 138059.3/53

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: -0.067+/-0.029 χ^2/NDF:13.5/9

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

Left In: -0.056+/-0.028 χ^2/NDF:11.1/9

Left: -0.061+/-0.020 χ^2/NDF: 24.7/19

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.056+/-0.028 χ^2/NDF:11.1/9

Out: -0.067+/-0.029 χ^2/NDF:13.5/9

All: -0.061+/-0.020 χ^2/NDF: 24.7/19

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: -0.076+/-0.020 χ^2/NDF:9.0/9

Right Out: -0.092+/-0.025 χ^2/NDF: 12.7/17

Left In: -0.092+/-0.020 χ^2/NDF:11.9/9

Left: -0.084+/-0.014 χ^2/NDF: 21.2/19

Right: -0.050+/-0.017 χ^2/NDF: 30.3/33

In: -0.059+/-0.015 χ^2/NDF:30.8/25

Out: -0.082+/-0.016 χ^2/NDF:21.9/27

All: -0.070+/-0.011 χ^2/NDF: 53.9/53

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: 0.058+/-0.029 χ^2/NDF:12.5/9

Right Out: 0.030+/-0.045 χ^2/NDF: 9.2/17

Left In: 0.042+/-0.028 χ^2/NDF:9.5/9

Left: 0.050+/-0.020 χ^2/NDF: 22.1/19

Right: 0.023+/-0.031 χ^2/NDF: 18.9/33

In: 0.035+/-0.023 χ^2/NDF:19.4/25

Out: 0.049+/-0.024 χ^2/NDF:22.0/27

All: 0.042+/-0.017 χ^2/NDF: 41.5/53

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: 0.094+/-0.025 χ^2/NDF:8.5/9

Right Out: 0.110+/-0.029 χ^2/NDF: 8.0/17

Left In: 0.118+/-0.024 χ^2/NDF:10.9/9

Left: 0.106+/-0.017 χ^2/NDF: 19.9/19

Right: 0.055+/-0.020 χ^2/NDF: 27.0/33

In: 0.069+/-0.018 χ^2/NDF:32.6/25

Out: 0.100+/-0.019 χ^2/NDF:16.6/27

All: 0.084+/-0.013 χ^2/NDF: 50.7/53

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:7.0/9

Right Out: -0.006+/-0.001 χ^2/NDF: 26508.9/17

Left In: 0.000+/-0.001 χ^2/NDF:7.1/9

Left: 0.000+/-0.001 χ^2/NDF: 14.5/19

Right: -0.006+/-0.001 χ^2/NDF: 26531.6/33

In: -0.002+/-0.001 χ^2/NDF:38.9/25

Out: -0.002+/-0.001 χ^2/NDF:26529.6/27

All: -0.002+/-0.001 χ^2/NDF: 26568.6/53

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: -0.030+/-0.029 χ^2/NDF:13.6/9

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

Left In: -0.005+/-0.028 χ^2/NDF:7.4/9

Left: -0.017+/-0.020 χ^2/NDF: 21.4/19

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.005+/-0.028 χ^2/NDF:7.4/9

Out: -0.030+/-0.029 χ^2/NDF:13.6/9

All: -0.017+/-0.020 χ^2/NDF: 21.4/19

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: -0.010+/-0.020 χ^2/NDF:11.6/9

Right Out: 0.040+/-0.025 χ^2/NDF: 27.9/17

Left In: 0.053+/-0.020 χ^2/NDF:13.3/9

Left: 0.022+/-0.014 χ^2/NDF: 29.9/19

Right: 0.024+/-0.017 χ^2/NDF: 54.1/33

In: 0.035+/-0.015 χ^2/NDF:40.6/25

Out: 0.010+/-0.016 χ^2/NDF:42.0/27

All: 0.023+/-0.011 χ^2/NDF: 84.0/53

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: 0.027+/-0.029 χ^2/NDF:13.1/9

Right Out: 0.200+/-0.045 χ^2/NDF: 22.9/17

Left In: 0.015+/-0.028 χ^2/NDF:7.4/9

Left: 0.021+/-0.020 χ^2/NDF: 20.6/19

Right: 0.175+/-0.031 χ^2/NDF: 52.2/33

In: 0.056+/-0.023 χ^2/NDF:43.4/25

Out: 0.078+/-0.024 χ^2/NDF:46.5/27

All: 0.066+/-0.017 χ^2/NDF: 90.3/53

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: 0.017+/-0.025 χ^2/NDF:10.5/9

Right Out: -0.050+/-0.029 χ^2/NDF: 25.7/17

Left In: -0.053+/-0.024 χ^2/NDF:13.3/9

Left: -0.019+/-0.017 χ^2/NDF: 28.0/19

Right: -0.031+/-0.020 χ^2/NDF: 51.8/33

In: -0.036+/-0.018 χ^2/NDF:39.7/25

Out: -0.011+/-0.019 χ^2/NDF:39.4/27

All: -0.024+/-0.013 χ^2/NDF: 80.0/53

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: -0.010+/-0.001 χ^2/NDF:5.5/9

Right Out: -0.006+/-0.001 χ^2/NDF: 165.9/17

Left In: -0.011+/-0.001 χ^2/NDF:5.7/9

Left: -0.011+/-0.001 χ^2/NDF: 12.2/19

Right: -0.006+/-0.001 χ^2/NDF: 194.8/33

In: -0.009+/-0.001 χ^2/NDF:43.2/25

Out: -0.008+/-0.001 χ^2/NDF:175.5/27

All: -0.009+/-0.001 χ^2/NDF: 219.3/53

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: -41.709+/-0.332 χ^2/NDF:561.3/9

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

Left In: -41.030+/-0.316 χ^2/NDF:335.3/9

Left: -41.353+/-0.229 χ^2/NDF: 898.9/19

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -41.030+/-0.316 χ^2/NDF:335.3/9

Out: -41.709+/-0.332 χ^2/NDF:561.3/9

All: -41.353+/-0.229 χ^2/NDF: 898.9/19

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: 1.551+/-0.216 χ^2/NDF:91.2/9

Right Out: 4.370+/-0.225 χ^2/NDF: 353.8/17

Left In: 1.445+/-0.211 χ^2/NDF:81.3/9

Left: 1.497+/-0.151 χ^2/NDF: 172.6/19

Right: 3.934+/-0.156 χ^2/NDF: 807.6/33

In: 2.454+/-0.151 χ^2/NDF:575.3/25

Out: 2.899+/-0.156 χ^2/NDF:526.6/27

All: 2.670+/-0.109 χ^2/NDF: 1106.1/53

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: 11.436+/-0.325 χ^2/NDF:915.7/9

Right Out: 32.816+/-0.423 χ^2/NDF: 1659.3/17

Left In: 10.651+/-0.307 χ^2/NDF:719.9/9

Left: 11.021+/-0.223 χ^2/NDF: 1638.7/19

Right: 31.152+/-0.297 χ^2/NDF: 3184.7/33

In: 17.290+/-0.247 χ^2/NDF:3546.0/25

Out: 19.374+/-0.258 χ^2/NDF:4182.4/27

All: 18.288+/-0.178 χ^2/NDF: 7762.5/53

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: 9.178+/-0.269 χ^2/NDF:110.6/9

Right Out: 3.809+/-0.259 χ^2/NDF: 567.6/17

Left In: 9.362+/-0.256 χ^2/NDF:245.6/9

Left: 9.274+/-0.185 χ^2/NDF: 356.5/19

Right: 4.313+/-0.180 χ^2/NDF: 1128.9/33

In: 7.031+/-0.179 χ^2/NDF:962.0/25

Out: 6.395+/-0.186 χ^2/NDF:885.4/27

All: 6.725+/-0.129 χ^2/NDF: 1853.4/53

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: -22.247+/-0.013 χ^2/NDF:112896.9/9

Right Out: -20.938+/-0.016 χ^2/NDF: 94065.2/17

Left In: -21.751+/-0.012 χ^2/NDF:94533.0/9

Left: -21.978+/-0.009 χ^2/NDF: 208199.1/19

Right: -20.412+/-0.011 χ^2/NDF: 122364.1/33

In: -21.049+/-0.010 χ^2/NDF:129442.6/25

Out: -21.707+/-0.010 χ^2/NDF:211035.8/27

All: -21.360+/-0.007 χ^2/NDF: 342709.4/53

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: -41.622+/-0.332 χ^2/NDF:562.9/9

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

Left In: -40.948+/-0.316 χ^2/NDF:337.6/9

Left: -41.269+/-0.229 χ^2/NDF: 902.7/19

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -40.948+/-0.316 χ^2/NDF:337.6/9

Out: -41.622+/-0.332 χ^2/NDF:562.9/9

All: -41.269+/-0.229 χ^2/NDF: 902.7/19

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: 1.640+/-0.216 χ^2/NDF:91.8/9

Right Out: 4.303+/-0.222 χ^2/NDF: 352.8/17

Left In: 1.481+/-0.210 χ^2/NDF:78.6/9

Left: 1.559+/-0.151 χ^2/NDF: 170.7/19

Right: 3.910+/-0.155 χ^2/NDF: 802.2/33

In: 2.475+/-0.151 χ^2/NDF:567.9/25

Out: 2.936+/-0.155 χ^2/NDF:518.8/27

All: 2.700+/-0.108 χ^2/NDF: 1091.2/53

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: 11.363+/-0.325 χ^2/NDF:914.7/9

Right Out: 29.719+/-0.402 χ^2/NDF: 2129.5/17

Left In: 10.576+/-0.307 χ^2/NDF:723.8/9

Left: 10.947+/-0.223 χ^2/NDF: 1641.6/19

Right: 29.549+/-0.289 χ^2/NDF: 3618.6/33

In: 17.182+/-0.247 χ^2/NDF:3532.5/25

Out: 18.602+/-0.253 χ^2/NDF:4304.1/27

All: 17.876+/-0.177 χ^2/NDF: 7852.7/53

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: 9.063+/-0.268 χ^2/NDF:113.4/9

Right Out: 3.591+/-0.254 χ^2/NDF: 573.3/17

Left In: 9.299+/-0.256 χ^2/NDF:245.5/9

Left: 9.187+/-0.185 χ^2/NDF: 359.4/19

Right: 4.201+/-0.179 χ^2/NDF: 1134.6/33

In: 7.002+/-0.179 χ^2/NDF:953.3/25

Out: 6.181+/-0.185 χ^2/NDF:905.6/27

All: 6.604+/-0.129 χ^2/NDF: 1869.2/53

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: -22.239+/-0.013 χ^2/NDF:112967.8/9

Right Out: -18.390+/-0.015 χ^2/NDF: 301247.7/17

Left In: -21.740+/-0.012 χ^2/NDF:94478.5/9

Left: -21.969+/-0.009 χ^2/NDF: 208223.8/19

Right: -19.096+/-0.011 χ^2/NDF: 332167.8/33

In: -21.038+/-0.010 χ^2/NDF:129400.4/25

Out: -20.529+/-0.010 χ^2/NDF:452131.2/27

All: -20.791+/-0.007 χ^2/NDF: 582909.0/53

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: -34.927+/-0.314 χ^2/NDF:584.3/10

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

Left In: -36.815+/-0.311 χ^2/NDF:168.0/9

Left: -35.879+/-0.221 χ^2/NDF: 770.5/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -36.815+/-0.311 χ^2/NDF:168.0/9

Out: -34.927+/-0.314 χ^2/NDF:584.3/10

All: -35.879+/-0.221 χ^2/NDF: 770.5/20

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: 2.144+/-0.206 χ^2/NDF:280.3/10

Right Out: 3.726+/-0.327 χ^2/NDF: 269.1/18

Left In: 2.412+/-0.207 χ^2/NDF:154.0/9

Left: 2.277+/-0.146 χ^2/NDF: 435.1/20

Right: 3.053+/-0.225 χ^2/NDF: 572.5/35

In: 2.422+/-0.173 χ^2/NDF:449.3/26

Out: 2.595+/-0.174 χ^2/NDF:566.1/29

All: 2.507+/-0.123 χ^2/NDF: 1015.9/56

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: 64.788+/-0.310 χ^2/NDF:647.0/10

Right Out: 81.923+/-0.592 χ^2/NDF: 1570.6/18

Left In: 65.996+/-0.303 χ^2/NDF:320.7/9

Left: 65.406+/-0.217 χ^2/NDF: 975.5/20

Right: 79.162+/-0.412 χ^2/NDF: 3866.3/35

In: 68.303+/-0.268 χ^2/NDF:2840.4/26

Out: 68.478+/-0.275 χ^2/NDF:2875.1/29

All: 68.388+/-0.192 χ^2/NDF: 5715.8/56

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: 6.402+/-0.255 χ^2/NDF:473.9/10

Right Out: 3.585+/-0.375 χ^2/NDF: 423.2/18

Left In: 5.994+/-0.252 χ^2/NDF:351.8/9

Left: 6.195+/-0.179 χ^2/NDF: 827.0/20

Right: 4.559+/-0.259 χ^2/NDF: 823.5/35

In: 5.811+/-0.206 χ^2/NDF:740.8/26

Out: 5.510+/-0.211 χ^2/NDF:935.7/29

All: 5.664+/-0.147 χ^2/NDF: 1677.5/56

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: -21.179+/-0.013 χ^2/NDF:65859.9/10

Right Out: -20.650+/-0.019 χ^2/NDF: 13885.7/18

Left In: -20.247+/-0.012 χ^2/NDF:45250.5/9

Left: -20.691+/-0.009 χ^2/NDF: 113996.4/20

Right: -20.640+/-0.014 χ^2/NDF: 26376.6/35

In: -20.354+/-0.010 χ^2/NDF:58026.9/26

Out: -21.023+/-0.011 χ^2/NDF:80268.9/29

All: -20.676+/-0.007 χ^2/NDF: 140383.0/56

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: -34.891+/-0.314 χ^2/NDF:575.1/10

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

Left In: -36.750+/-0.311 χ^2/NDF:168.6/9

Left: -35.829+/-0.221 χ^2/NDF: 761.4/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -36.750+/-0.311 χ^2/NDF:168.6/9

Out: -34.891+/-0.314 χ^2/NDF:575.1/10

All: -35.829+/-0.221 χ^2/NDF: 761.4/20

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: 2.213+/-0.206 χ^2/NDF:278.7/10

Right Out: 3.611+/-0.318 χ^2/NDF: 279.4/18

Left In: 2.547+/-0.208 χ^2/NDF:155.3/9

Left: 2.379+/-0.146 χ^2/NDF: 435.2/20

Right: 3.017+/-0.223 χ^2/NDF: 579.6/35

In: 2.516+/-0.173 χ^2/NDF:448.7/26

Out: 2.627+/-0.173 χ^2/NDF:571.6/29

All: 2.571+/-0.122 χ^2/NDF: 1020.6/56

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: 64.758+/-0.310 χ^2/NDF:646.5/10

Right Out: 70.386+/-0.550 χ^2/NDF: 4391.1/18

Left In: 65.955+/-0.303 χ^2/NDF:321.0/9

Left: 65.371+/-0.217 χ^2/NDF: 975.1/20

Right: 73.402+/-0.397 χ^2/NDF: 6719.1/35

In: 68.297+/-0.268 χ^2/NDF:2859.7/26

Out: 66.118+/-0.270 χ^2/NDF:5117.1/29

All: 67.217+/-0.190 χ^2/NDF: 8009.6/56

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: 6.323+/-0.256 χ^2/NDF:474.5/10

Right Out: 3.275+/-0.365 χ^2/NDF: 425.8/18

Left In: 5.835+/-0.252 χ^2/NDF:353.4/9

Left: 6.076+/-0.180 χ^2/NDF: 829.7/20

Right: 4.381+/-0.256 χ^2/NDF: 829.6/35

In: 5.704+/-0.206 χ^2/NDF:740.1/26

Out: 5.322+/-0.209 χ^2/NDF:947.0/29

All: 5.516+/-0.147 χ^2/NDF: 1688.8/56

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: -21.189+/-0.013 χ^2/NDF:65702.6/10

Right Out: -17.591+/-0.018 χ^2/NDF: 178680.7/18

Left In: -20.258+/-0.012 χ^2/NDF:45181.2/9

Left: -20.702+/-0.009 χ^2/NDF: 113762.2/20

Right: -19.007+/-0.013 χ^2/NDF: 204486.4/35

In: -20.362+/-0.010 χ^2/NDF:57982.9/26

Out: -20.012+/-0.010 χ^2/NDF:271237.5/29

All: -20.189+/-0.007 χ^2/NDF: 329802.5/56

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: -3.318+/-0.111 χ^2/NDF:1410.2/10

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

Left In: -1.968+/-0.110 χ^2/NDF:572.9/9

Left: -2.635+/-0.078 χ^2/NDF: 2057.7/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1.968+/-0.110 χ^2/NDF:572.9/9

Out: -3.318+/-0.111 χ^2/NDF:1410.2/10

All: -2.635+/-0.078 χ^2/NDF: 2057.7/20

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: 0.931+/-0.077 χ^2/NDF:980.0/10

Right Out: -7.060+/-0.059 χ^2/NDF: 12329.4/18

Left In: 0.318+/-0.079 χ^2/NDF:1357.1/9

Left: 0.629+/-0.055 χ^2/NDF: 2368.1/20

Right: -6.173+/-0.040 χ^2/NDF: 22010.3/35

In: -3.537+/-0.045 χ^2/NDF:14200.6/26

Out: -4.122+/-0.047 χ^2/NDF:20045.7/29

All: -3.817+/-0.032 χ^2/NDF: 34327.3/56

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: 0.048+/-0.110 χ^2/NDF:1413.8/10

Right Out: 6.056+/-0.093 χ^2/NDF: 2668.9/18

Left In: -1.650+/-0.108 χ^2/NDF:586.0/9

Left: -0.823+/-0.077 χ^2/NDF: 2121.2/20

Right: 5.935+/-0.065 χ^2/NDF: 4124.7/35

In: 2.763+/-0.069 χ^2/NDF:4888.8/26

Out: 3.552+/-0.071 χ^2/NDF:5810.2/29

All: 3.144+/-0.050 χ^2/NDF: 10762.4/56

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: 49.486+/-0.094 χ^2/NDF:850.7/10

Right Out: 10.060+/-0.070 χ^2/NDF: 121816.0/18

Left In: 49.660+/-0.093 χ^2/NDF:1043.3/9

Left: 49.574+/-0.066 χ^2/NDF: 1895.7/20

Right: 8.110+/-0.047 χ^2/NDF: 246756.9/35

In: 20.592+/-0.053 χ^2/NDF:270753.8/26

Out: 24.146+/-0.056 χ^2/NDF:236844.5/29

All: 22.276+/-0.038 χ^2/NDF: 509724.5/56

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: 0.079+/-0.004 χ^2/NDF:834.9/10

Right Out: 0.186+/-0.003 χ^2/NDF: 2720.3/18

Left In: 0.089+/-0.004 χ^2/NDF:976.6/9

Left: 0.084+/-0.003 χ^2/NDF: 1814.3/20

Right: 0.200+/-0.002 χ^2/NDF: 6707.1/35

In: 0.177+/-0.002 χ^2/NDF:5534.1/26

Out: 0.157+/-0.002 χ^2/NDF:3988.9/29

All: 0.167+/-0.002 χ^2/NDF: 9561.3/56

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: -1.739+/-0.221 χ^2/NDF:276.8/10

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

Left In: -2.335+/-0.214 χ^2/NDF:311.4/9

Left: -2.045+/-0.154 χ^2/NDF: 592.0/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -2.335+/-0.214 χ^2/NDF:311.4/9

Out: -1.739+/-0.221 χ^2/NDF:276.8/10

All: -2.045+/-0.154 χ^2/NDF: 592.0/20

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: -56.267+/-0.158 χ^2/NDF:270.2/10

Right Out: -59.468+/-0.212 χ^2/NDF: 2912.7/18

Left In: -55.625+/-0.159 χ^2/NDF:709.7/9

Left: -55.948+/-0.112 χ^2/NDF: 988.0/20

Right: -59.680+/-0.154 χ^2/NDF: 4894.3/35

In: -57.075+/-0.130 χ^2/NDF:2934.0/26

Out: -57.414+/-0.127 χ^2/NDF:3329.1/29

All: -57.248+/-0.091 χ^2/NDF: 6266.6/56

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: -7.963+/-0.220 χ^2/NDF:200.9/10

Right Out: 2.733+/-0.388 χ^2/NDF: 58.9/18

Left In: -7.705+/-0.211 χ^2/NDF:337.9/9

Left: -7.829+/-0.152 χ^2/NDF: 539.5/20

Right: 2.472+/-0.280 χ^2/NDF: 98.9/35

In: -5.587+/-0.187 χ^2/NDF:848.0/26

Out: -5.359+/-0.191 χ^2/NDF:835.9/29

All: -5.476+/-0.134 χ^2/NDF: 1684.6/56

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: -35.299+/-0.190 χ^2/NDF:357.6/10

Right Out: -32.501+/-0.244 χ^2/NDF: 6037.9/18

Left In: -35.505+/-0.185 χ^2/NDF:640.4/9

Left: -35.404+/-0.133 χ^2/NDF: 998.6/20

Right: -32.652+/-0.176 χ^2/NDF: 10705.2/35

In: -34.570+/-0.150 χ^2/NDF:5380.0/26

Out: -34.245+/-0.150 χ^2/NDF:6477.5/29

All: -34.407+/-0.106 χ^2/NDF: 11859.9/56

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: 0.389+/-0.009 χ^2/NDF:477.0/10

Right Out: 0.058+/-0.012 χ^2/NDF: 87.3/18

Left In: 0.363+/-0.008 χ^2/NDF:599.5/9

Left: 0.375+/-0.006 χ^2/NDF: 1081.4/20

Right: 0.074+/-0.009 χ^2/NDF: 169.9/35

In: 0.285+/-0.007 χ^2/NDF:1006.1/26

Out: 0.278+/-0.007 χ^2/NDF:1058.4/29

All: 0.282+/-0.005 χ^2/NDF: 2064.9/56

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: -8.905+/-0.220 χ^2/NDF:1660.0/10

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

Left In: -4.872+/-0.213 χ^2/NDF:732.5/9

Left: -6.818+/-0.153 χ^2/NDF: 2566.2/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -4.872+/-0.213 χ^2/NDF:732.5/9

Out: -8.905+/-0.220 χ^2/NDF:1660.0/10

All: -6.818+/-0.153 χ^2/NDF: 2566.2/20

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: 2.625+/-0.152 χ^2/NDF:524.1/10

Right Out: 3.885+/-0.316 χ^2/NDF: 134.4/18

Left In: 1.852+/-0.143 χ^2/NDF:251.3/9

Left: 2.213+/-0.104 χ^2/NDF: 789.1/20

Right: 3.803+/-0.221 χ^2/NDF: 271.3/35

In: 2.182+/-0.130 χ^2/NDF:418.4/26

Out: 2.862+/-0.137 χ^2/NDF:671.4/29

All: 2.503+/-0.094 χ^2/NDF: 1102.7/56

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: -62.802+/-0.222 χ^2/NDF:1479.2/10

Right Out: -57.258+/-0.536 χ^2/NDF: 476.1/18

Left In: -61.844+/-0.210 χ^2/NDF:2214.4/9

Left: -62.296+/-0.152 χ^2/NDF: 3703.4/20

Right: -56.823+/-0.381 χ^2/NDF: 1064.8/35

In: -61.132+/-0.196 χ^2/NDF:2890.2/26

Out: -61.990+/-0.205 χ^2/NDF:2046.6/29

All: -61.541+/-0.142 χ^2/NDF: 4946.0/56

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: 5.019+/-0.185 χ^2/NDF:579.2/10

Right Out: 1.928+/-0.355 χ^2/NDF: 266.6/18

Left In: 5.863+/-0.173 χ^2/NDF:265.0/9

Left: 5.469+/-0.126 χ^2/NDF: 855.3/20

Right: 2.208+/-0.248 χ^2/NDF: 511.4/35

In: 5.182+/-0.155 χ^2/NDF:585.6/26

Out: 4.358+/-0.164 χ^2/NDF:905.5/29

All: 4.794+/-0.113 χ^2/NDF: 1504.4/56

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: 0.335+/-0.009 χ^2/NDF:85.5/10

Right Out: -0.391+/-0.019 χ^2/NDF: 853.3/18

Left In: 0.302+/-0.008 χ^2/NDF:153.9/9

Left: 0.318+/-0.006 χ^2/NDF: 246.9/20

Right: -0.312+/-0.013 χ^2/NDF: 1845.8/35

In: 0.211+/-0.008 χ^2/NDF:1783.7/26

Out: 0.205+/-0.008 χ^2/NDF:2143.1/29

All: 0.208+/-0.006 χ^2/NDF: 3927.1/56

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: -23.540+/-0.108 χ^2/NDF:2683.0/10

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

Left In: -20.350+/-0.099 χ^2/NDF:3666.0/9

Left: -21.815+/-0.073 χ^2/NDF: 6822.9/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -20.350+/-0.099 χ^2/NDF:3666.0/9

Out: -23.540+/-0.108 χ^2/NDF:2683.0/10

All: -21.815+/-0.073 χ^2/NDF: 6822.9/20

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: -7.153+/-0.074 χ^2/NDF:114.2/10

Right Out: -7.992+/-0.186 χ^2/NDF: 225.5/18

Left In: -7.518+/-0.066 χ^2/NDF:140.4/9

Left: -7.356+/-0.049 χ^2/NDF: 268.1/20

Right: -7.819+/-0.131 χ^2/NDF: 620.8/35

In: -7.532+/-0.062 χ^2/NDF:534.5/26

Out: -7.268+/-0.069 χ^2/NDF:357.2/29

All: -7.414+/-0.046 χ^2/NDF: 899.8/56

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: -9.700+/-0.108 χ^2/NDF:3348.0/10

Right Out: 12.620+/-0.332 χ^2/NDF: 220.0/18

Left In: -8.830+/-0.097 χ^2/NDF:4410.3/9

Left: -9.221+/-0.072 χ^2/NDF: 7794.1/20

Right: 11.365+/-0.237 χ^2/NDF: 501.6/35

In: -7.368+/-0.094 χ^2/NDF:7571.3/26

Out: -7.573+/-0.103 χ^2/NDF:7646.1/29

All: -7.461+/-0.069 χ^2/NDF: 15219.6/56

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: 21.400+/-0.090 χ^2/NDF:122.4/10

Right Out: 20.716+/-0.213 χ^2/NDF: 729.9/18

Left In: 22.177+/-0.080 χ^2/NDF:132.4/9

Left: 21.833+/-0.060 χ^2/NDF: 296.3/20

Right: 20.842+/-0.149 χ^2/NDF: 1956.1/35

In: 22.022+/-0.075 χ^2/NDF:1387.0/26

Out: 21.295+/-0.083 χ^2/NDF:861.1/29

All: 21.696+/-0.056 χ^2/NDF: 2290.3/56

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: -0.113+/-0.004 χ^2/NDF:170.2/10

Right Out: -0.222+/-0.011 χ^2/NDF: 536.1/18

Left In: -0.119+/-0.004 χ^2/NDF:363.4/9

Left: -0.116+/-0.003 χ^2/NDF: 534.7/20

Right: -0.198+/-0.008 χ^2/NDF: 1010.7/35

In: -0.125+/-0.004 χ^2/NDF:847.7/26

Out: -0.127+/-0.004 χ^2/NDF:793.3/29

All: -0.126+/-0.003 χ^2/NDF: 1641.2/56

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: -10.444+/-0.202 χ^2/NDF:791.5/10

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

Left In: -8.082+/-0.192 χ^2/NDF:717.0/9

Left: -9.206+/-0.139 χ^2/NDF: 1580.3/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -8.082+/-0.192 χ^2/NDF:717.0/9

Out: -10.444+/-0.202 χ^2/NDF:791.5/10

All: -9.206+/-0.139 χ^2/NDF: 1580.3/20

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: 4.865+/-0.142 χ^2/NDF:101.6/10

Right Out: 6.040+/-0.434 χ^2/NDF: 1512.1/18

Left In: 4.427+/-0.131 χ^2/NDF:681.4/9

Left: 4.629+/-0.097 χ^2/NDF: 788.1/20

Right: 6.952+/-0.295 χ^2/NDF: 2878.8/35

In: 4.746+/-0.125 χ^2/NDF:2100.9/26

Out: 4.979+/-0.135 χ^2/NDF:1620.3/29

All: 4.853+/-0.092 χ^2/NDF: 3722.8/56

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: -48.541+/-0.205 χ^2/NDF:2168.7/10

Right Out: -49.497+/-0.797 χ^2/NDF: 510.4/18

Left In: -45.503+/-0.190 χ^2/NDF:3773.1/9

Left: -46.908+/-0.139 χ^2/NDF: 6060.1/20

Right: -50.288+/-0.541 χ^2/NDF: 844.9/35

In: -45.843+/-0.184 χ^2/NDF:4157.2/26

Out: -48.600+/-0.198 χ^2/NDF:2680.4/29

All: -47.118+/-0.135 χ^2/NDF: 6941.5/56

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: -34.804+/-0.172 χ^2/NDF:3230.7/10

Right Out: -64.470+/-0.483 χ^2/NDF: 1606.8/18

Left In: -31.203+/-0.158 χ^2/NDF:3620.9/9

Left: -32.854+/-0.116 χ^2/NDF: 7089.3/20

Right: -64.030+/-0.327 χ^2/NDF: 3623.1/35

In: -34.836+/-0.149 χ^2/NDF:10350.9/26

Out: -38.144+/-0.162 χ^2/NDF:8192.1/29

All: -36.353+/-0.110 χ^2/NDF: 18769.0/56

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: 0.613+/-0.008 χ^2/NDF:310.3/10

Right Out: -0.054+/-0.026 χ^2/NDF: 1167.9/18

Left In: 0.594+/-0.008 χ^2/NDF:288.5/9

Left: 0.603+/-0.006 χ^2/NDF: 601.8/20

Right: 0.056+/-0.018 χ^2/NDF: 2190.5/35

In: 0.552+/-0.007 χ^2/NDF:1590.9/26

Out: 0.555+/-0.008 χ^2/NDF:2070.6/29

All: 0.554+/-0.005 χ^2/NDF: 3661.5/56

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: -36.362+/-0.543 χ^2/NDF:195.7/10

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

Left In: -32.043+/-0.549 χ^2/NDF:275.1/9

Left: -34.228+/-0.386 χ^2/NDF: 502.0/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -32.043+/-0.549 χ^2/NDF:275.1/9

Out: -36.362+/-0.543 χ^2/NDF:195.7/10

All: -34.228+/-0.386 χ^2/NDF: 502.0/20

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: -40.086+/-0.381 χ^2/NDF:157.3/10

Right Out: -49.008+/-0.764 χ^2/NDF: 1271.7/18

Left In: -40.284+/-0.387 χ^2/NDF:982.8/9

Left: -40.184+/-0.272 χ^2/NDF: 1140.2/20

Right: -47.580+/-0.525 χ^2/NDF: 2362.3/35

In: -41.625+/-0.341 χ^2/NDF:2120.7/26

Out: -41.864+/-0.341 χ^2/NDF:1538.2/29

All: -41.744+/-0.241 χ^2/NDF: 3659.1/56

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: -97.566+/-0.544 χ^2/NDF:182.0/10

Right Out: -61.142+/-1.379 χ^2/NDF: 165.6/18

Left In: -100.499+/-0.539 χ^2/NDF:250.8/9

Left: -99.046+/-0.383 χ^2/NDF: 447.5/20

Right: -61.720+/-0.950 χ^2/NDF: 233.3/35

In: -94.955+/-0.499 χ^2/NDF:1047.4/26

Out: -92.662+/-0.506 χ^2/NDF:951.0/29

All: -93.826+/-0.355 χ^2/NDF: 2008.7/56

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: -102.533+/-0.461 χ^2/NDF:141.4/10

Right Out: -104.269+/-0.861 χ^2/NDF: 1018.6/18

Left In: -101.861+/-0.458 χ^2/NDF:912.3/9

Left: -102.195+/-0.325 χ^2/NDF: 1054.8/20

Right: -105.751+/-0.590 χ^2/NDF: 1852.6/35

In: -103.119+/-0.399 χ^2/NDF:1771.9/26

Out: -102.920+/-0.406 χ^2/NDF:1163.2/29

All: -103.021+/-0.285 χ^2/NDF: 2935.3/56

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: 0.993+/-0.022 χ^2/NDF:257.3/10

Right Out: -0.376+/-0.044 χ^2/NDF: 583.0/18

Left In: 0.992+/-0.021 χ^2/NDF:240.8/9

Left: 0.993+/-0.015 χ^2/NDF: 498.1/20

Right: -0.223+/-0.030 χ^2/NDF: 935.4/35

In: 0.780+/-0.019 χ^2/NDF:1089.9/26

Out: 0.728+/-0.019 χ^2/NDF:1624.3/29

All: 0.755+/-0.013 χ^2/NDF: 2718.0/56

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: -23.850+/-0.391 χ^2/NDF:2281.3/10

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

Left In: -17.196+/-0.389 χ^2/NDF:626.8/9

Left: -20.509+/-0.276 χ^2/NDF: 3053.4/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -17.196+/-0.389 χ^2/NDF:626.8/9

Out: -23.850+/-0.391 χ^2/NDF:2281.3/10

All: -20.509+/-0.276 χ^2/NDF: 3053.4/20

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: -8.089+/-0.268 χ^2/NDF:1292.5/10

Right Out: -5.908+/-0.429 χ^2/NDF: 1293.1/18

Left In: -9.646+/-0.266 χ^2/NDF:1020.3/9

Left: -8.872+/-0.189 χ^2/NDF: 2329.7/20

Right: -6.864+/-0.303 χ^2/NDF: 2285.7/35

In: -9.132+/-0.226 χ^2/NDF:2016.3/26

Out: -7.477+/-0.227 χ^2/NDF:2604.1/29

All: -8.309+/-0.160 χ^2/NDF: 4647.1/56

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: -82.683+/-0.391 χ^2/NDF:1387.2/10

Right Out: -60.513+/-0.704 χ^2/NDF: 1383.9/18

Left In: -86.020+/-0.383 χ^2/NDF:900.3/9

Left: -84.387+/-0.274 χ^2/NDF: 2324.6/20

Right: -59.899+/-0.511 χ^2/NDF: 3105.9/35

In: -80.403+/-0.340 χ^2/NDF:3647.5/26

Out: -77.454+/-0.342 χ^2/NDF:3528.5/29

All: -78.935+/-0.241 χ^2/NDF: 7213.4/56

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: 120.358+/-0.327 χ^2/NDF:946.8/10

Right Out: 107.238+/-0.488 χ^2/NDF: 7037.4/18

Left In: 119.252+/-0.321 χ^2/NDF:783.7/9

Left: 119.795+/-0.229 χ^2/NDF: 1736.4/20

Right: 109.423+/-0.344 χ^2/NDF: 13037.0/35

In: 116.936+/-0.268 χ^2/NDF:6915.8/26

Out: 116.296+/-0.271 χ^2/NDF:8483.9/29

All: 116.621+/-0.191 χ^2/NDF: 15402.5/56

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: -0.132+/-0.016 χ^2/NDF:511.4/10

Right Out: -0.813+/-0.024 χ^2/NDF: 1310.7/18

Left In: -0.166+/-0.015 χ^2/NDF:495.8/9

Left: -0.149+/-0.011 χ^2/NDF: 1009.6/20

Right: -0.756+/-0.018 χ^2/NDF: 2315.2/35

In: -0.304+/-0.013 χ^2/NDF:1797.8/26

Out: -0.332+/-0.013 χ^2/NDF:2375.3/29

All: -0.318+/-0.009 χ^2/NDF: 4175.4/56

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: -31.658+/-0.332 χ^2/NDF:1413.8/10

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

Left In: -26.977+/-0.328 χ^2/NDF:418.0/9

Left: -29.283+/-0.233 χ^2/NDF: 1932.4/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -26.977+/-0.328 χ^2/NDF:418.0/9

Out: -31.658+/-0.332 χ^2/NDF:1413.8/10

All: -29.283+/-0.233 χ^2/NDF: 1932.4/20

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: 31.654+/-0.231 χ^2/NDF:541.0/10

Right Out: 33.180+/-0.379 χ^2/NDF: 770.3/18

Left In: 30.395+/-0.229 χ^2/NDF:315.0/9

Left: 31.019+/-0.163 χ^2/NDF: 871.0/20

Right: 32.730+/-0.266 χ^2/NDF: 1225.3/35

In: 30.916+/-0.195 χ^2/NDF:786.1/26

Out: 32.066+/-0.197 χ^2/NDF:1323.0/29

All: 31.485+/-0.139 χ^2/NDF: 2126.4/56

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: -45.760+/-0.332 χ^2/NDF:803.7/10

Right Out: -18.306+/-0.644 χ^2/NDF: 472.6/18

Left In: -47.424+/-0.322 χ^2/NDF:703.2/9

Left: -46.617+/-0.231 χ^2/NDF: 1519.8/20

Right: -18.506+/-0.463 χ^2/NDF: 992.4/35

In: -41.978+/-0.290 χ^2/NDF:2730.6/26

Out: -39.993+/-0.295 χ^2/NDF:2714.0/29

All: -41.003+/-0.207 χ^2/NDF: 5467.6/56

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: 78.416+/-0.280 χ^2/NDF:674.8/10

Right Out: 70.815+/-0.433 χ^2/NDF: 5489.3/18

Left In: 77.091+/-0.273 χ^2/NDF:503.0/9

Left: 77.737+/-0.195 χ^2/NDF: 1189.3/20

Right: 71.863+/-0.304 χ^2/NDF: 10238.7/35

In: 75.865+/-0.230 χ^2/NDF:5310.5/26

Out: 76.180+/-0.235 χ^2/NDF:6381.4/29

All: 76.019+/-0.164 χ^2/NDF: 11692.7/56

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: -0.412+/-0.013 χ^2/NDF:428.2/10

Right Out: -0.561+/-0.021 χ^2/NDF: 562.3/18

Left In: -0.415+/-0.013 χ^2/NDF:453.9/9

Left: -0.414+/-0.009 χ^2/NDF: 882.2/20

Right: -0.532+/-0.015 χ^2/NDF: 869.9/35

In: -0.436+/-0.011 χ^2/NDF:768.1/26

Out: -0.453+/-0.011 χ^2/NDF:1025.8/29

All: -0.445+/-0.008 χ^2/NDF: 1795.1/56

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: -13.631+/-0.124 χ^2/NDF:412.8/10

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

Left In: -12.459+/-0.121 χ^2/NDF:884.3/9

Left: -13.034+/-0.087 χ^2/NDF: 1342.9/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -12.459+/-0.121 χ^2/NDF:884.3/9

Out: -13.631+/-0.124 χ^2/NDF:412.8/10

All: -13.034+/-0.087 χ^2/NDF: 1342.9/20

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: -31.557+/-0.088 χ^2/NDF:121.8/10

Right Out: -34.277+/-0.151 χ^2/NDF: 1349.5/18

Left In: -31.470+/-0.087 χ^2/NDF:721.8/9

Left: -31.513+/-0.062 χ^2/NDF: 844.1/20

Right: -34.159+/-0.107 χ^2/NDF: 2691.4/35

In: -32.112+/-0.075 χ^2/NDF:2281.1/26

Out: -32.245+/-0.076 χ^2/NDF:1714.1/29

All: -32.178+/-0.053 χ^2/NDF: 3996.8/56

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: -9.745+/-0.123 χ^2/NDF:629.5/10

Right Out: 7.177+/-0.274 χ^2/NDF: 182.6/18

Left In: -10.003+/-0.119 χ^2/NDF:1036.6/9

Left: -9.879+/-0.086 χ^2/NDF: 1668.3/20

Right: 6.291+/-0.192 χ^2/NDF: 335.1/35

In: -7.492+/-0.109 χ^2/NDF:3914.8/26

Out: -6.901+/-0.112 χ^2/NDF:3981.4/29

All: -7.206+/-0.078 χ^2/NDF: 7910.6/56

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: -7.154+/-0.105 χ^2/NDF:296.6/10

Right Out: -4.782+/-0.173 χ^2/NDF: 2040.4/18

Left In: -6.811+/-0.102 χ^2/NDF:700.8/9

Left: -6.977+/-0.073 χ^2/NDF: 1002.9/20

Right: -5.174+/-0.121 χ^2/NDF: 4175.8/35

In: -6.479+/-0.087 χ^2/NDF:2866.4/26

Out: -6.512+/-0.090 χ^2/NDF:2474.4/29

All: -6.495+/-0.063 χ^2/NDF: 5340.9/56

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: 0.142+/-0.005 χ^2/NDF:412.7/10

Right Out: -0.103+/-0.008 χ^2/NDF: 435.5/18

Left In: 0.144+/-0.005 χ^2/NDF:303.7/9

Left: 0.143+/-0.003 χ^2/NDF: 716.4/20

Right: -0.081+/-0.006 χ^2/NDF: 666.4/35

In: 0.097+/-0.004 χ^2/NDF:971.6/26

Out: 0.082+/-0.004 χ^2/NDF:1485.9/29

All: 0.090+/-0.003 χ^2/NDF: 2464.2/56

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: 3.024+/-0.120 χ^2/NDF:493.5/10

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

Left In: 1.515+/-0.117 χ^2/NDF:351.8/9

Left: 2.255+/-0.084 χ^2/NDF: 926.3/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1.515+/-0.117 χ^2/NDF:351.8/9

Out: 3.024+/-0.120 χ^2/NDF:493.5/10

All: 2.255+/-0.084 χ^2/NDF: 926.3/20

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: -1.012+/-0.084 χ^2/NDF:148.8/10

Right Out: -3.544+/-0.155 χ^2/NDF: 291.7/18

Left In: -1.049+/-0.080 χ^2/NDF:236.3/9

Left: -1.031+/-0.058 χ^2/NDF: 385.2/20

Right: -3.236+/-0.109 χ^2/NDF: 446.1/35

In: -1.452+/-0.071 χ^2/NDF:500.2/26

Out: -1.585+/-0.074 χ^2/NDF:647.9/29

All: -1.517+/-0.051 χ^2/NDF: 1149.8/56

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: 31.208+/-0.121 χ^2/NDF:1844.5/10

Right Out: 31.000+/-0.260 χ^2/NDF: 479.5/18

Left In: 30.465+/-0.116 χ^2/NDF:2157.2/9

Left: 30.821+/-0.084 χ^2/NDF: 4021.5/20

Right: 30.497+/-0.186 χ^2/NDF: 1041.5/35

In: 30.386+/-0.106 χ^2/NDF:2714.4/26

Out: 31.171+/-0.109 χ^2/NDF:2324.6/29

All: 30.767+/-0.076 χ^2/NDF: 5065.5/56

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: 22.473+/-0.101 χ^2/NDF:662.0/10

Right Out: 12.435+/-0.174 χ^2/NDF: 6962.9/18

Left In: 21.987+/-0.096 χ^2/NDF:565.8/9

Left: 22.218+/-0.070 χ^2/NDF: 1239.9/20

Right: 13.199+/-0.122 χ^2/NDF: 14393.1/35

In: 20.062+/-0.084 χ^2/NDF:9619.8/26

Out: 19.923+/-0.088 χ^2/NDF:10117.0/29

All: 19.995+/-0.061 χ^2/NDF: 19738.1/56

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: -0.111+/-0.005 χ^2/NDF:170.4/10

Right Out: 0.139+/-0.009 χ^2/NDF: 3016.8/18

Left In: -0.106+/-0.005 χ^2/NDF:137.1/9

Left: -0.108+/-0.003 χ^2/NDF: 308.2/20

Right: 0.171+/-0.007 χ^2/NDF: 3888.5/35

In: -0.045+/-0.004 χ^2/NDF:1869.5/26

Out: -0.058+/-0.004 χ^2/NDF:3770.1/29

All: -0.051+/-0.003 χ^2/NDF: 5644.6/56

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: -35.079+/-0.327 χ^2/NDF:699.0/10

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

Left In: -30.537+/-0.330 χ^2/NDF:277.5/9

Left: -32.825+/-0.232 χ^2/NDF: 1072.0/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -30.537+/-0.330 χ^2/NDF:277.5/9

Out: -35.079+/-0.327 χ^2/NDF:699.0/10

All: -32.825+/-0.232 χ^2/NDF: 1072.0/20

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: -3.852+/-0.225 χ^2/NDF:69.1/10

Right Out: -10.446+/-0.491 χ^2/NDF: 428.4/18

Left In: -4.586+/-0.224 χ^2/NDF:274.4/9

Left: -4.220+/-0.159 χ^2/NDF: 348.9/20

Right: -9.285+/-0.337 χ^2/NDF: 851.1/35

In: -5.285+/-0.202 χ^2/NDF:737.7/26

Out: -4.992+/-0.204 χ^2/NDF:646.6/29

All: -5.140+/-0.143 χ^2/NDF: 1385.3/56

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: -71.083+/-0.328 χ^2/NDF:500.7/10

Right Out: -43.262+/-0.866 χ^2/NDF: 154.2/18

Left In: -73.236+/-0.324 χ^2/NDF:416.0/9

Left: -72.173+/-0.231 χ^2/NDF: 938.5/20

Right: -43.169+/-0.601 χ^2/NDF: 253.4/35

In: -69.274+/-0.302 χ^2/NDF:1650.0/26

Out: -67.589+/-0.307 χ^2/NDF:1556.5/29

All: -68.445+/-0.215 χ^2/NDF: 3221.8/56

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: -11.969+/-0.274 χ^2/NDF:91.5/10

Right Out: -10.765+/-0.554 χ^2/NDF: 366.6/18

Left In: -12.190+/-0.270 χ^2/NDF:498.1/9

Left: -12.081+/-0.192 χ^2/NDF: 590.0/20

Right: -11.606+/-0.379 χ^2/NDF: 846.9/35

In: -12.224+/-0.239 χ^2/NDF:974.2/26

Out: -11.732+/-0.245 χ^2/NDF:462.0/29

All: -11.984+/-0.171 χ^2/NDF: 1438.2/56

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: 0.272+/-0.013 χ^2/NDF:43.4/10

Right Out: -0.478+/-0.029 χ^2/NDF: 631.2/18

Left In: 0.282+/-0.013 χ^2/NDF:15.2/9

Left: 0.277+/-0.009 χ^2/NDF: 59.0/20

Right: -0.390+/-0.020 χ^2/NDF: 1022.0/35

In: 0.177+/-0.012 χ^2/NDF:765.9/26

Out: 0.141+/-0.012 χ^2/NDF:1244.8/29

All: 0.160+/-0.008 χ^2/NDF: 2015.3/56

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: 6.017+/-0.167 χ^2/NDF:2335.7/10

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

Left In: 3.663+/-0.165 χ^2/NDF:978.3/9

Left: 4.827+/-0.118 χ^2/NDF: 3414.1/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3.663+/-0.165 χ^2/NDF:978.3/9

Out: 6.017+/-0.167 χ^2/NDF:2335.7/10

All: 4.827+/-0.118 χ^2/NDF: 3414.1/20

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: 6.350+/-0.116 χ^2/NDF:1997.2/10

Right Out: 8.454+/-0.213 χ^2/NDF: 6704.4/18

Left In: 6.724+/-0.116 χ^2/NDF:3453.9/9

Left: 6.537+/-0.082 χ^2/NDF: 5456.3/20

Right: 8.247+/-0.151 χ^2/NDF: 12075.7/35

In: 7.020+/-0.102 χ^2/NDF:8852.1/26

Out: 6.832+/-0.102 χ^2/NDF:8776.6/29

All: 6.926+/-0.072 χ^2/NDF: 17630.4/56

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: 15.800+/-0.167 χ^2/NDF:2096.1/10

Right Out: 10.337+/-0.416 χ^2/NDF: 2281.8/18

Left In: 18.686+/-0.163 χ^2/NDF:832.8/9

Left: 17.282+/-0.117 χ^2/NDF: 3082.1/20

Right: 8.969+/-0.294 χ^2/NDF: 4628.4/35

In: 17.216+/-0.151 χ^2/NDF:3774.0/26

Out: 15.043+/-0.155 χ^2/NDF:4526.1/29

All: 16.155+/-0.108 χ^2/NDF: 8400.6/56

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: -78.709+/-0.141 χ^2/NDF:2935.1/10

Right Out: -102.354+/-0.246 χ^2/NDF: 6078.9/18

Left In: -76.643+/-0.139 χ^2/NDF:3936.2/9

Left: -77.658+/-0.099 χ^2/NDF: 6980.6/20

Right: -101.559+/-0.175 χ^2/NDF: 10622.5/35

In: -82.376+/-0.121 χ^2/NDF:15661.8/26

Out: -84.543+/-0.122 χ^2/NDF:15960.6/29

All: -83.447+/-0.086 χ^2/NDF: 31781.1/56

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: 0.392+/-0.007 χ^2/NDF:1170.5/10

Right Out: 0.175+/-0.013 χ^2/NDF: 966.7/18

Left In: 0.392+/-0.006 χ^2/NDF:1059.7/9

Left: 0.392+/-0.005 χ^2/NDF: 2230.1/20

Right: 0.227+/-0.010 χ^2/NDF: 1653.2/35

In: 0.371+/-0.006 χ^2/NDF:1771.4/26

Out: 0.349+/-0.006 χ^2/NDF:2345.6/29

All: 0.360+/-0.004 χ^2/NDF: 4124.0/56

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: -13.440+/-0.235 χ^2/NDF:2320.6/10

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

Left In: -9.505+/-0.235 χ^2/NDF:684.6/9

Left: -11.470+/-0.166 χ^2/NDF: 3145.1/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -9.505+/-0.235 χ^2/NDF:684.6/9

Out: -13.440+/-0.235 χ^2/NDF:2320.6/10

All: -11.470+/-0.166 χ^2/NDF: 3145.1/20

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: -3.675+/-0.161 χ^2/NDF:1349.2/10

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

Left In: -4.744+/-0.162 χ^2/NDF:1164.0/9

Left: -4.207+/-0.114 χ^2/NDF: 2534.9/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -4.744+/-0.162 χ^2/NDF:1164.0/9

Out: -3.675+/-0.161 χ^2/NDF:1349.2/10

All: -4.207+/-0.114 χ^2/NDF: 2534.9/20

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: -41.687+/-0.235 χ^2/NDF:1429.7/10

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

Left In: -44.281+/-0.231 χ^2/NDF:718.2/9

Left: -43.006+/-0.165 χ^2/NDF: 2210.0/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -44.281+/-0.231 χ^2/NDF:718.2/9

Out: -41.687+/-0.235 χ^2/NDF:1429.7/10

All: -43.006+/-0.165 χ^2/NDF: 2210.0/20

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: 85.120+/-0.197 χ^2/NDF:872.4/10

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

Left In: 84.694+/-0.194 χ^2/NDF:781.3/9

Left: 84.905+/-0.138 χ^2/NDF: 1656.0/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 84.694+/-0.194 χ^2/NDF:781.3/9

Out: 85.120+/-0.197 χ^2/NDF:872.4/10

All: 84.905+/-0.138 χ^2/NDF: 1656.0/20

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: -0.024+/-0.009 χ^2/NDF:639.7/10

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

Left In: -0.037+/-0.009 χ^2/NDF:652.4/9

Left: -0.031+/-0.007 χ^2/NDF: 1293.1/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.037+/-0.009 χ^2/NDF:652.4/9

Out: -0.024+/-0.009 χ^2/NDF:639.7/10

All: -0.031+/-0.007 χ^2/NDF: 1293.1/20

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: -16.571+/-0.294 χ^2/NDF:2158.2/10

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

Left In: -11.298+/-0.289 χ^2/NDF:634.5/9

Left: -13.895+/-0.206 χ^2/NDF: 2956.3/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -11.298+/-0.289 χ^2/NDF:634.5/9

Out: -16.571+/-0.294 χ^2/NDF:2158.2/10

All: -13.895+/-0.206 χ^2/NDF: 2956.3/20

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: -2.720+/-0.201 χ^2/NDF:1024.3/10

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

Left In: -3.945+/-0.196 χ^2/NDF:649.9/9

Left: -3.348+/-0.140 χ^2/NDF: 1693.1/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -3.945+/-0.196 χ^2/NDF:649.9/9

Out: -2.720+/-0.201 χ^2/NDF:1024.3/10

All: -3.348+/-0.140 χ^2/NDF: 1693.1/20

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: -73.058+/-0.295 χ^2/NDF:1228.4/10

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

Left In: -74.156+/-0.285 χ^2/NDF:1265.6/9

Left: -73.625+/-0.205 χ^2/NDF: 2501.1/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -74.156+/-0.285 χ^2/NDF:1265.6/9

Out: -73.058+/-0.295 χ^2/NDF:1228.4/10

All: -73.625+/-0.205 χ^2/NDF: 2501.1/20

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: 62.516+/-0.246 χ^2/NDF:726.3/10

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

Left In: 62.301+/-0.237 χ^2/NDF:455.0/9

Left: 62.405+/-0.170 χ^2/NDF: 1181.8/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 62.301+/-0.237 χ^2/NDF:455.0/9

Out: 62.516+/-0.246 χ^2/NDF:726.3/10

All: 62.405+/-0.170 χ^2/NDF: 1181.8/20

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: 0.107+/-0.012 χ^2/NDF:312.8/10

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

Left In: 0.070+/-0.011 χ^2/NDF:326.7/9

Left: 0.088+/-0.008 χ^2/NDF: 644.4/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.070+/-0.011 χ^2/NDF:326.7/9

Out: 0.107+/-0.012 χ^2/NDF:312.8/10

All: 0.088+/-0.008 χ^2/NDF: 644.4/20

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: -7.188+/-0.102 χ^2/NDF:1748.9/10

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

Left In: -5.509+/-0.099 χ^2/NDF:886.2/9

Left: -6.321+/-0.071 χ^2/NDF: 2774.1/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -5.509+/-0.099 χ^2/NDF:886.2/9

Out: -7.188+/-0.102 χ^2/NDF:1748.9/10

All: -6.321+/-0.071 χ^2/NDF: 2774.1/20

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: 2.863+/-0.071 χ^2/NDF:306.0/10

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

Left In: 2.114+/-0.067 χ^2/NDF:295.3/9

Left: 2.469+/-0.049 χ^2/NDF: 660.3/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2.114+/-0.067 χ^2/NDF:295.3/9

Out: 2.863+/-0.071 χ^2/NDF:306.0/10

All: 2.469+/-0.049 χ^2/NDF: 660.3/20

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: -25.377+/-0.103 χ^2/NDF:1018.5/10

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

Left In: -24.638+/-0.097 χ^2/NDF:2491.9/9

Left: -24.988+/-0.071 χ^2/NDF: 3537.6/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -24.638+/-0.097 χ^2/NDF:2491.9/9

Out: -25.377+/-0.103 χ^2/NDF:1018.5/10

All: -24.988+/-0.071 χ^2/NDF: 3537.6/20

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: 6.653+/-0.086 χ^2/NDF:2766.3/10

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

Left In: 8.519+/-0.081 χ^2/NDF:2652.5/9

Left: 7.641+/-0.059 χ^2/NDF: 5668.9/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 8.519+/-0.081 χ^2/NDF:2652.5/9

Out: 6.653+/-0.086 χ^2/NDF:2766.3/10

All: 7.641+/-0.059 χ^2/NDF: 5668.9/20

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: 0.372+/-0.004 χ^2/NDF:112.2/10

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

Left In: 0.353+/-0.004 χ^2/NDF:245.6/9

Left: 0.362+/-0.003 χ^2/NDF: 369.1/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.353+/-0.004 χ^2/NDF:245.6/9

Out: 0.372+/-0.004 χ^2/NDF:112.2/10

All: 0.362+/-0.003 χ^2/NDF: 369.1/20

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: -9.755+/-0.206 χ^2/NDF:1174.1/10

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

Left In: -6.530+/-0.198 χ^2/NDF:669.7/9

Left: -8.075+/-0.143 χ^2/NDF: 1971.0/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -6.530+/-0.198 χ^2/NDF:669.7/9

Out: -9.755+/-0.206 χ^2/NDF:1174.1/10

All: -8.075+/-0.143 χ^2/NDF: 1971.0/20

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: 3.818+/-0.144 χ^2/NDF:187.3/10

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

Left In: 3.167+/-0.134 χ^2/NDF:163.7/9

Left: 3.469+/-0.098 χ^2/NDF: 362.0/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3.167+/-0.134 χ^2/NDF:163.7/9

Out: 3.818+/-0.144 χ^2/NDF:187.3/10

All: 3.469+/-0.098 χ^2/NDF: 362.0/20

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: -55.717+/-0.209 χ^2/NDF:1720.0/10

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

Left In: -53.738+/-0.195 χ^2/NDF:2909.9/9

Left: -54.663+/-0.143 χ^2/NDF: 4677.7/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -53.738+/-0.195 χ^2/NDF:2909.9/9

Out: -55.717+/-0.209 χ^2/NDF:1720.0/10

All: -54.663+/-0.143 χ^2/NDF: 4677.7/20

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: -15.264+/-0.175 χ^2/NDF:1072.1/10

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

Left In: -12.969+/-0.162 χ^2/NDF:868.2/9

Left: -14.029+/-0.119 χ^2/NDF: 2033.3/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -12.969+/-0.162 χ^2/NDF:868.2/9

Out: -15.264+/-0.175 χ^2/NDF:1072.1/10

All: -14.029+/-0.119 χ^2/NDF: 2033.3/20

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: 0.479+/-0.008 χ^2/NDF:99.7/10

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

Left In: 0.450+/-0.008 χ^2/NDF:151.8/9

Left: 0.464+/-0.006 χ^2/NDF: 257.7/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.450+/-0.008 χ^2/NDF:151.8/9

Out: 0.479+/-0.008 χ^2/NDF:99.7/10

All: 0.464+/-0.006 χ^2/NDF: 257.7/20

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: 10.439+/-0.165 χ^2/NDF:2003.4/10

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

Left In: 7.668+/-0.163 χ^2/NDF:483.9/9

Left: 9.040+/-0.116 χ^2/NDF: 2630.3/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 7.668+/-0.163 χ^2/NDF:483.9/9

Out: 10.439+/-0.165 χ^2/NDF:2003.4/10

All: 9.040+/-0.116 χ^2/NDF: 2630.3/20

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: 4.336+/-0.113 χ^2/NDF:1110.4/10

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

Left In: 4.812+/-0.110 χ^2/NDF:827.5/9

Left: 4.580+/-0.079 χ^2/NDF: 1947.0/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4.812+/-0.110 χ^2/NDF:827.5/9

Out: 4.336+/-0.113 χ^2/NDF:1110.4/10

All: 4.580+/-0.079 χ^2/NDF: 1947.0/20

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: 40.836+/-0.165 χ^2/NDF:1342.0/10

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

Left In: 41.587+/-0.161 χ^2/NDF:1241.2/9

Left: 41.222+/-0.115 χ^2/NDF: 2593.8/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 41.587+/-0.161 χ^2/NDF:1241.2/9

Out: 40.836+/-0.165 χ^2/NDF:1342.0/10

All: 41.222+/-0.115 χ^2/NDF: 2593.8/20

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: -35.072+/-0.138 χ^2/NDF:1101.2/10

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

Left In: -34.463+/-0.133 χ^2/NDF:890.1/9

Left: -34.758+/-0.096 χ^2/NDF: 2001.4/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -34.463+/-0.133 χ^2/NDF:890.1/9

Out: -35.072+/-0.138 χ^2/NDF:1101.2/10

All: -34.758+/-0.096 χ^2/NDF: 2001.4/20

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: 0.112+/-0.007 χ^2/NDF:313.7/10

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

Left In: 0.130+/-0.006 χ^2/NDF:283.1/9

Left: 0.121+/-0.005 χ^2/NDF: 600.5/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.130+/-0.006 χ^2/NDF:283.1/9

Out: 0.112+/-0.007 χ^2/NDF:313.7/10

All: 0.121+/-0.005 χ^2/NDF: 600.5/20

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: 7.121+/-0.122 χ^2/NDF:1966.0/10

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

Left In: 5.634+/-0.121 χ^2/NDF:706.4/9

Left: 6.375+/-0.086 χ^2/NDF: 2747.3/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5.634+/-0.121 χ^2/NDF:706.4/9

Out: 7.121+/-0.122 χ^2/NDF:1966.0/10

All: 6.375+/-0.086 χ^2/NDF: 2747.3/20

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: 5.244+/-0.084 χ^2/NDF:1592.4/10

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

Left In: 5.592+/-0.085 χ^2/NDF:2230.5/9

Left: 5.415+/-0.060 χ^2/NDF: 3831.4/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5.592+/-0.085 χ^2/NDF:2230.5/9

Out: 5.244+/-0.084 χ^2/NDF:1592.4/10

All: 5.415+/-0.060 χ^2/NDF: 3831.4/20

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: 9.148+/-0.121 χ^2/NDF:2110.7/10

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

Left In: 11.174+/-0.119 χ^2/NDF:637.6/9

Left: 10.179+/-0.085 χ^2/NDF: 2890.5/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 11.174+/-0.119 χ^2/NDF:637.6/9

Out: 9.148+/-0.121 χ^2/NDF:2110.7/10

All: 10.179+/-0.085 χ^2/NDF: 2890.5/20

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: -57.677+/-0.102 χ^2/NDF:1507.7/10

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

Left In: -56.908+/-0.101 χ^2/NDF:1902.0/9

Left: -57.290+/-0.072 χ^2/NDF: 3438.3/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -56.908+/-0.101 χ^2/NDF:1902.0/9

Out: -57.677+/-0.102 χ^2/NDF:1507.7/10

All: -57.290+/-0.072 χ^2/NDF: 3438.3/20

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: 0.243+/-0.005 χ^2/NDF:1015.9/10

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

Left In: 0.240+/-0.005 χ^2/NDF:957.9/9

Left: 0.242+/-0.003 χ^2/NDF: 1974.0/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.240+/-0.005 χ^2/NDF:957.9/9

Out: 0.243+/-0.005 χ^2/NDF:1015.9/10

All: 0.242+/-0.003 χ^2/NDF: 1974.0/20

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: 3.800+/-0.132 χ^2/NDF:284.1/10

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

Left In: 3.234+/-0.128 χ^2/NDF:486.5/9

Left: 3.509+/-0.092 χ^2/NDF: 780.1/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3.234+/-0.128 χ^2/NDF:486.5/9

Out: 3.800+/-0.132 χ^2/NDF:284.1/10

All: 3.509+/-0.092 χ^2/NDF: 780.1/20

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: -2.044+/-0.094 χ^2/NDF:246.9/10

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

Left In: -2.271+/-0.090 χ^2/NDF:1276.2/9

Left: -2.162+/-0.065 χ^2/NDF: 1526.1/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -2.271+/-0.090 χ^2/NDF:1276.2/9

Out: -2.044+/-0.094 χ^2/NDF:246.9/10

All: -2.162+/-0.065 χ^2/NDF: 1526.1/20

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: 24.703+/-0.133 χ^2/NDF:2192.5/10

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

Left In: 22.985+/-0.126 χ^2/NDF:2622.9/9

Left: 23.799+/-0.092 χ^2/NDF: 4902.8/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 22.985+/-0.126 χ^2/NDF:2622.9/9

Out: 24.703+/-0.133 χ^2/NDF:2192.5/10

All: 23.799+/-0.092 χ^2/NDF: 4902.8/20

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: 42.860+/-0.113 χ^2/NDF:1666.7/10

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

Left In: 41.403+/-0.107 χ^2/NDF:2430.2/9

Left: 42.092+/-0.077 χ^2/NDF: 4185.0/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 41.403+/-0.107 χ^2/NDF:2430.2/9

Out: 42.860+/-0.113 χ^2/NDF:1666.7/10

All: 42.092+/-0.077 χ^2/NDF: 4185.0/20

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: -0.258+/-0.005 χ^2/NDF:651.9/10

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

Left In: -0.257+/-0.005 χ^2/NDF:494.4/9

Left: -0.257+/-0.004 χ^2/NDF: 1146.3/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.257+/-0.005 χ^2/NDF:494.4/9

Out: -0.258+/-0.005 χ^2/NDF:651.9/10

All: -0.257+/-0.004 χ^2/NDF: 1146.3/20

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: 1.081+/-0.047 χ^2/NDF:3319.1/10

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

Left In: 2.021+/-0.045 χ^2/NDF:2052.5/9

Left: 1.567+/-0.032 χ^2/NDF: 5581.6/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2.021+/-0.045 χ^2/NDF:2052.5/9

Out: 1.081+/-0.047 χ^2/NDF:3319.1/10

All: 1.567+/-0.032 χ^2/NDF: 5581.6/20

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: -1.059+/-0.033 χ^2/NDF:3270.9/10

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

Left In: -1.101+/-0.032 χ^2/NDF:7886.2/9

Left: -1.081+/-0.023 χ^2/NDF: 11158.0/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1.101+/-0.032 χ^2/NDF:7886.2/9

Out: -1.059+/-0.033 χ^2/NDF:3270.9/10

All: -1.081+/-0.023 χ^2/NDF: 11158.0/20

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: -6.633+/-0.047 χ^2/NDF:2238.6/10

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

Left In: -7.600+/-0.044 χ^2/NDF:1766.8/9

Left: -7.142+/-0.032 χ^2/NDF: 4229.6/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -7.600+/-0.044 χ^2/NDF:1766.8/9

Out: -6.633+/-0.047 χ^2/NDF:2238.6/10

All: -7.142+/-0.032 χ^2/NDF: 4229.6/20

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: 20.479+/-0.040 χ^2/NDF:12724.7/10

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

Left In: 19.073+/-0.038 χ^2/NDF:16532.7/9

Left: 19.741+/-0.027 χ^2/NDF: 29915.4/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 19.073+/-0.038 χ^2/NDF:16532.7/9

Out: 20.479+/-0.040 χ^2/NDF:12724.7/10

All: 19.741+/-0.027 χ^2/NDF: 29915.4/20

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: -0.145+/-0.002 χ^2/NDF:1650.7/10

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

Left In: -0.151+/-0.002 χ^2/NDF:1358.9/9

Left: -0.148+/-0.001 χ^2/NDF: 3014.2/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.151+/-0.002 χ^2/NDF:1358.9/9

Out: -0.145+/-0.002 χ^2/NDF:1650.7/10

All: -0.148+/-0.001 χ^2/NDF: 3014.2/20

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: -6.161+/-0.130 χ^2/NDF:2366.9/10

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

Left In: -3.639+/-0.127 χ^2/NDF:937.0/9

Left: -4.876+/-0.091 χ^2/NDF: 3496.1/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -3.639+/-0.127 χ^2/NDF:937.0/9

Out: -6.161+/-0.130 χ^2/NDF:2366.9/10

All: -4.876+/-0.091 χ^2/NDF: 3496.1/20

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: 1.622+/-0.089 χ^2/NDF:942.1/10

Right Out: 0.209+/-0.175 χ^2/NDF: 273.5/18

Left In: 0.872+/-0.087 χ^2/NDF:506.1/9

Left: 1.237+/-0.062 χ^2/NDF: 1484.7/20

Right: 0.409+/-0.121 χ^2/NDF: 567.2/35

In: 0.815+/-0.077 χ^2/NDF:799.4/26

Out: 1.331+/-0.079 χ^2/NDF:1267.6/29

All: 1.066+/-0.055 χ^2/NDF: 2088.8/56

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: -32.219+/-0.130 χ^2/NDF:1109.5/10

Right Out: -26.829+/-0.297 χ^2/NDF: 581.6/18

Left In: -32.611+/-0.125 χ^2/NDF:1356.6/9

Left: -32.422+/-0.090 χ^2/NDF: 2470.8/20

Right: -26.423+/-0.211 χ^2/NDF: 1278.3/35

In: -31.628+/-0.116 χ^2/NDF:2462.5/26

Out: -31.355+/-0.119 χ^2/NDF:1966.7/29

All: -31.495+/-0.083 χ^2/NDF: 4431.9/56

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: 27.436+/-0.108 χ^2/NDF:574.0/10

Right Out: 15.318+/-0.197 χ^2/NDF: 7280.1/18

Left In: 27.850+/-0.104 χ^2/NDF:188.6/9

Left: 27.650+/-0.075 χ^2/NDF: 770.2/20

Right: 15.800+/-0.137 χ^2/NDF: 14903.0/35

In: 25.179+/-0.092 χ^2/NDF:10636.6/26

Out: 24.616+/-0.095 χ^2/NDF:10757.7/29

All: 24.908+/-0.066 χ^2/NDF: 21412.5/56

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: 0.218+/-0.005 χ^2/NDF:314.0/10

Right Out: -0.132+/-0.010 χ^2/NDF: 1171.3/18

Left In: 0.200+/-0.005 χ^2/NDF:403.2/9

Left: 0.209+/-0.004 χ^2/NDF: 723.3/20

Right: -0.084+/-0.007 χ^2/NDF: 2229.1/35

In: 0.155+/-0.005 χ^2/NDF:1840.1/26

Out: 0.148+/-0.005 χ^2/NDF:2397.2/29

All: 0.151+/-0.003 χ^2/NDF: 4238.5/56

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: -17.714+/-0.264 χ^2/NDF:1834.3/10

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

Left In: -13.291+/-0.260 χ^2/NDF:496.2/9

Left: -15.462+/-0.185 χ^2/NDF: 2473.0/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -13.291+/-0.260 χ^2/NDF:496.2/9

Out: -17.714+/-0.264 χ^2/NDF:1834.3/10

All: -15.462+/-0.185 χ^2/NDF: 2473.0/20

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: -1.429+/-0.182 χ^2/NDF:665.3/10

Right Out: -4.694+/-0.427 χ^2/NDF: 298.3/18

Left In: -2.670+/-0.176 χ^2/NDF:256.0/9

Left: -2.070+/-0.126 χ^2/NDF: 945.5/20

Right: -3.824+/-0.295 χ^2/NDF: 587.0/35

In: -2.727+/-0.161 χ^2/NDF:537.5/26

Out: -1.929+/-0.167 χ^2/NDF:1013.2/29

All: -2.342+/-0.116 χ^2/NDF: 1562.5/56

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: -66.266+/-0.266 χ^2/NDF:1117.4/10

Right Out: -64.502+/-0.751 χ^2/NDF: 444.1/18

Left In: -66.344+/-0.256 χ^2/NDF:1542.8/9

Left: -66.307+/-0.184 χ^2/NDF: 2660.2/20

Right: -63.680+/-0.526 χ^2/NDF: 815.2/35

In: -65.973+/-0.242 χ^2/NDF:1931.1/26

Out: -66.070+/-0.250 χ^2/NDF:1566.4/29

All: -66.020+/-0.174 χ^2/NDF: 3497.6/56

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: 41.463+/-0.221 χ^2/NDF:460.0/10

Right Out: 27.441+/-0.479 χ^2/NDF: 3033.0/18

Left In: 42.677+/-0.212 χ^2/NDF:125.0/9

Left: 42.096+/-0.153 χ^2/NDF: 600.7/20

Right: 27.956+/-0.331 χ^2/NDF: 6365.5/35

In: 40.148+/-0.193 χ^2/NDF:4255.0/26

Out: 38.994+/-0.201 χ^2/NDF:4200.1/29

All: 39.595+/-0.139 χ^2/NDF: 8472.3/56

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: 0.261+/-0.011 χ^2/NDF:187.1/10

Right Out: -0.510+/-0.026 χ^2/NDF: 1169.4/18

Left In: 0.225+/-0.010 χ^2/NDF:214.8/9

Left: 0.242+/-0.007 χ^2/NDF: 407.8/20

Right: -0.415+/-0.018 χ^2/NDF: 2208.8/35

In: 0.144+/-0.010 χ^2/NDF:1644.9/26

Out: 0.148+/-0.010 χ^2/NDF:2124.1/29

All: 0.146+/-0.007 χ^2/NDF: 3769.1/56

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: 5.764+/-0.069 χ^2/NDF:1325.8/10

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

Left In: 4.814+/-0.068 χ^2/NDF:223.5/9

Left: 5.282+/-0.049 χ^2/NDF: 1644.1/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4.814+/-0.068 χ^2/NDF:223.5/9

Out: 5.764+/-0.069 χ^2/NDF:1325.8/10

All: 5.282+/-0.049 χ^2/NDF: 1644.1/20

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: 1.514+/-0.048 χ^2/NDF:427.8/10

Right Out: 2.365+/-0.123 χ^2/NDF: 336.4/18

Left In: 1.750+/-0.046 χ^2/NDF:138.4/9

Left: 1.636+/-0.033 χ^2/NDF: 578.7/20

Right: 2.086+/-0.084 χ^2/NDF: 641.1/35

In: 1.761+/-0.043 χ^2/NDF:433.8/26

Out: 1.627+/-0.045 χ^2/NDF:805.9/29

All: 1.697+/-0.031 χ^2/NDF: 1244.3/56

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: 17.019+/-0.070 χ^2/NDF:1120.4/10

Right Out: 17.929+/-0.219 χ^2/NDF: 506.3/18

Left In: 16.902+/-0.068 χ^2/NDF:1758.2/9

Left: 16.958+/-0.049 χ^2/NDF: 2880.0/20

Right: 17.665+/-0.152 χ^2/NDF: 876.0/35

In: 16.950+/-0.064 χ^2/NDF:2130.4/26

Out: 17.103+/-0.067 χ^2/NDF:1642.4/29

All: 17.024+/-0.046 χ^2/NDF: 3775.6/56

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: -6.998+/-0.058 χ^2/NDF:393.8/10

Right Out: -4.459+/-0.137 χ^2/NDF: 1338.9/18

Left In: -7.414+/-0.056 χ^2/NDF:189.6/9

Left: -7.215+/-0.040 χ^2/NDF: 609.8/20

Right: -4.494+/-0.094 χ^2/NDF: 2929.2/35

In: -6.959+/-0.051 χ^2/NDF:2198.7/26

Out: -6.608+/-0.054 χ^2/NDF:2023.4/29

All: -6.791+/-0.037 χ^2/NDF: 4244.6/56

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: -0.020+/-0.003 χ^2/NDF:95.2/10

Right Out: 0.182+/-0.007 χ^2/NDF: 1007.8/18

Left In: -0.012+/-0.003 χ^2/NDF:90.3/9

Left: -0.016+/-0.002 χ^2/NDF: 189.5/20

Right: 0.161+/-0.005 χ^2/NDF: 2082.4/35

In: 0.008+/-0.003 χ^2/NDF:1571.2/26

Out: 0.006+/-0.003 χ^2/NDF:1752.7/29

All: 0.007+/-0.002 χ^2/NDF: 3324.4/56

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: -11.937+/-0.196 χ^2/NDF:2014.4/10

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

Left In: -8.465+/-0.193 χ^2/NDF:627.5/9

Left: -10.169+/-0.138 χ^2/NDF: 2801.1/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -8.465+/-0.193 χ^2/NDF:627.5/9

Out: -11.937+/-0.196 χ^2/NDF:2014.4/10

All: -10.169+/-0.138 χ^2/NDF: 2801.1/20

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: 0.091+/-0.135 χ^2/NDF:755.2/10

Right Out: -2.302+/-0.302 χ^2/NDF: 286.2/18

Left In: -0.907+/-0.131 χ^2/NDF:324.9/9

Left: -0.424+/-0.094 χ^2/NDF: 1108.5/20

Right: -1.738+/-0.209 χ^2/NDF: 571.5/35

In: -0.960+/-0.119 χ^2/NDF:604.5/26

Out: -0.305+/-0.123 χ^2/NDF:1093.7/29

All: -0.643+/-0.086 χ^2/NDF: 1712.8/56

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: -49.250+/-0.197 χ^2/NDF:1114.4/10

Right Out: -46.071+/-0.528 χ^2/NDF: 454.0/18

Left In: -49.473+/-0.190 χ^2/NDF:1473.1/9

Left: -49.366+/-0.137 χ^2/NDF: 2588.2/20

Right: -45.483+/-0.371 χ^2/NDF: 877.6/35

In: -48.941+/-0.178 χ^2/NDF:1961.7/26

Out: -48.861+/-0.185 χ^2/NDF:1600.2/29

All: -48.903+/-0.128 χ^2/NDF: 3562.0/56

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: 34.454+/-0.164 χ^2/NDF:492.7/10

Right Out: 22.122+/-0.340 χ^2/NDF: 4034.4/18

Left In: 35.262+/-0.158 χ^2/NDF:130.3/9

Left: 34.874+/-0.114 χ^2/NDF: 635.5/20

Right: 22.617+/-0.235 χ^2/NDF: 8384.4/35

In: 32.950+/-0.142 χ^2/NDF:5609.0/26

Out: 32.120+/-0.148 χ^2/NDF:5594.4/29

All: 32.552+/-0.102 χ^2/NDF: 11219.8/56

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: 0.240+/-0.008 χ^2/NDF:226.6/10

Right Out: -0.323+/-0.018 χ^2/NDF: 1184.5/18

Left In: 0.212+/-0.008 χ^2/NDF:271.3/9

Left: 0.226+/-0.005 χ^2/NDF: 504.1/20

Right: -0.251+/-0.013 χ^2/NDF: 2213.4/35

In: 0.151+/-0.007 χ^2/NDF:1687.5/26

Out: 0.151+/-0.007 χ^2/NDF:2220.1/29

All: 0.151+/-0.005 χ^2/NDF: 3907.6/56

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected

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

Left Out: -30.186+/-0.894 χ^2/NDF:764.6/10

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

Left In: -36.353+/-0.881 χ^2/NDF:269.4/9

Left: -33.314+/-0.627 χ^2/NDF: 1058.1/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -36.353+/-0.881 χ^2/NDF:269.4/9

Out: -30.186+/-0.894 χ^2/NDF:764.6/10

All: -33.314+/-0.627 χ^2/NDF: 1058.1/20

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 16.512+/-0.847 χ^2/NDF: 519.6/16

Left Out: 7.446+/-0.599 χ^2/NDF:165.1/10

Right Out: 19.604+/-0.898 χ^2/NDF: 242.0/18

Left In: 9.727+/-0.601 χ^2/NDF:156.7/9

Left: 8.583+/-0.424 χ^2/NDF: 329.1/20

Right: 17.968+/-0.616 χ^2/NDF: 767.9/35

In: 11.997+/-0.490 χ^2/NDF:719.0/26

Out: 11.190+/-0.499 χ^2/NDF:533.9/29

All: 11.600+/-0.350 χ^2/NDF: 1254.2/56

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 75.009+/-1.636 χ^2/NDF: 1999.3/16

Left Out: 64.696+/-0.879 χ^2/NDF:2105.2/10

Right Out: 93.140+/-1.711 χ^2/NDF: 2002.3/18

Left In: 74.653+/-0.857 χ^2/NDF:549.6/9

Left: 69.798+/-0.614 χ^2/NDF: 2720.5/20

Right: 83.668+/-1.183 χ^2/NDF: 4060.3/35

In: 74.730+/-0.759 χ^2/NDF:2549.0/26

Out: 70.634+/-0.782 χ^2/NDF:4326.2/29

All: 72.742+/-0.545 χ^2/NDF: 6889.2/56

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -33.005+/-0.972 χ^2/NDF: 493.1/16

Left Out: -10.983+/-0.736 χ^2/NDF:247.8/10

Right Out: -36.260+/-1.025 χ^2/NDF: 297.1/18

Left In: -14.006+/-0.726 χ^2/NDF:351.7/9

Left: -12.516+/-0.517 χ^2/NDF: 608.1/20

Right: -34.545+/-0.705 χ^2/NDF: 795.4/35

In: -20.808+/-0.581 χ^2/NDF:1090.2/26

Out: -19.580+/-0.598 χ^2/NDF:945.9/29

All: -20.211+/-0.417 χ^2/NDF: 2038.3/56

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -8.751+/-0.059 χ^2/NDF: 576012.4/16

Left Out: -24.863+/-0.035 χ^2/NDF:162143.1/10

Right Out: -13.143+/-0.062 χ^2/NDF: 558628.0/18

Left In: -25.092+/-0.034 χ^2/NDF:95965.2/9

Left: -24.982+/-0.024 χ^2/NDF: 258130.8/20

Right: -10.840+/-0.043 χ^2/NDF: 1137294.9/35

In: -21.087+/-0.029 χ^2/NDF:730271.7/26

Out: -22.032+/-0.030 χ^2/NDF:748107.8/29

All: -21.540+/-0.021 χ^2/NDF: 1478883.9/56

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected

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

Left Out: -479.950+/-3.282 χ^2/NDF:3089.9/10

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

Left In: -558.167+/-3.395 χ^2/NDF:95.4/9

Left: -517.739+/-2.360 χ^2/NDF: 3459.7/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -558.167+/-3.395 χ^2/NDF:95.4/9

Out: -479.950+/-3.282 χ^2/NDF:3089.9/10

All: -517.739+/-2.360 χ^2/NDF: 3459.7/20

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -3.773+/-1.889 χ^2/NDF: 314.3/16

Left Out: 15.003+/-2.125 χ^2/NDF:90.7/10

Right Out: 1.265+/-1.920 χ^2/NDF: 303.7/18

Left In: 17.277+/-2.233 χ^2/NDF:59.5/9

Left: 16.083+/-1.539 χ^2/NDF: 150.8/20

Right: -1.296+/-1.346 χ^2/NDF: 621.6/35

In: 5.004+/-1.442 χ^2/NDF:425.7/26

Out: 7.442+/-1.425 χ^2/NDF:417.4/29

All: 6.238+/-1.013 χ^2/NDF: 844.6/56

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 478.526+/-3.630 χ^2/NDF: 1629.0/16

Left Out: 415.146+/-3.259 χ^2/NDF:3103.3/10

Right Out: 474.328+/-3.533 χ^2/NDF: 2287.1/18

Left In: 483.158+/-3.307 χ^2/NDF:266.3/9

Left: 448.665+/-2.321 χ^2/NDF: 3584.2/20

Right: 476.370+/-2.532 χ^2/NDF: 3916.8/35

In: 481.058+/-2.444 χ^2/NDF:1896.2/26

Out: 442.361+/-2.396 χ^2/NDF:5542.0/29

All: 461.318+/-1.711 χ^2/NDF: 7566.0/56

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 117.585+/-2.193 χ^2/NDF: 706.9/16

Left Out: 116.376+/-2.643 χ^2/NDF:422.2/10

Right Out: 109.400+/-2.210 χ^2/NDF: 571.2/18

Left In: 132.997+/-2.731 χ^2/NDF:146.5/9

Left: 124.416+/-1.899 χ^2/NDF: 587.8/20

Right: 113.524+/-1.557 χ^2/NDF: 1285.0/35

In: 123.626+/-1.710 χ^2/NDF:872.8/26

Out: 112.270+/-1.695 χ^2/NDF:997.5/29

All: 117.899+/-1.204 χ^2/NDF: 1892.5/56

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -216.796+/-0.136 χ^2/NDF: 146976.1/16

Left Out: -274.806+/-0.134 χ^2/NDF:540288.0/10

Right Out: -212.869+/-0.130 χ^2/NDF: 116393.6/18

Left In: -306.286+/-0.132 χ^2/NDF:35797.1/9

Left: -290.723+/-0.094 χ^2/NDF: 604133.5/20

Right: -214.751+/-0.094 χ^2/NDF: 263806.1/35

In: -262.707+/-0.095 χ^2/NDF:406049.1/26

Out: -243.014+/-0.093 χ^2/NDF:766904.8/29

All: -252.712+/-0.066 χ^2/NDF: 1194917.5/56

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected

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

Left Out: -61.308+/-0.982 χ^2/NDF:548.7/10

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

Left In: -58.730+/-0.977 χ^2/NDF:415.1/9

Left: -60.013+/-0.692 χ^2/NDF: 967.2/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -58.730+/-0.977 χ^2/NDF:415.1/9

Out: -61.308+/-0.982 χ^2/NDF:548.7/10

All: -60.013+/-0.692 χ^2/NDF: 967.2/20

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 18.279+/-0.906 χ^2/NDF: 204.6/16

Left Out: 10.122+/-0.660 χ^2/NDF:106.7/10

Right Out: 18.882+/-0.864 χ^2/NDF: 198.4/18

Left In: 9.244+/-0.668 χ^2/NDF:76.8/9

Left: 9.689+/-0.470 χ^2/NDF: 184.4/20

Right: 18.595+/-0.625 χ^2/NDF: 403.2/35

In: 12.431+/-0.538 χ^2/NDF:345.8/26

Out: 13.350+/-0.525 χ^2/NDF:370.0/29

All: 12.901+/-0.376 χ^2/NDF: 717.4/56

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 50.482+/-1.668 χ^2/NDF: 357.9/16

Left Out: 2.533+/-0.967 χ^2/NDF:723.2/10

Right Out: 44.222+/-1.602 χ^2/NDF: 534.4/18

Left In: -0.061+/-0.952 χ^2/NDF:580.9/9

Left: 1.216+/-0.678 χ^2/NDF: 1307.8/20

Right: 47.226+/-1.156 χ^2/NDF: 899.6/35

In: 12.357+/-0.827 χ^2/NDF:1631.4/26

Out: 13.659+/-0.828 χ^2/NDF:1753.8/29

All: 13.007+/-0.585 χ^2/NDF: 3386.4/56

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -33.292+/-1.033 χ^2/NDF: 289.1/16

Left Out: -16.066+/-0.810 χ^2/NDF:171.5/10

Right Out: -35.566+/-0.992 χ^2/NDF: 287.6/18

Left In: -15.684+/-0.805 χ^2/NDF:188.5/9

Left: -15.874+/-0.571 χ^2/NDF: 360.1/20

Right: -34.474+/-0.716 χ^2/NDF: 579.3/35

In: -22.340+/-0.635 χ^2/NDF:658.3/26

Out: -23.857+/-0.627 χ^2/NDF:690.9/29

All: -23.108+/-0.446 χ^2/NDF: 1352.1/56

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -21.476+/-0.059 χ^2/NDF: 49009.8/16

Left Out: -24.914+/-0.038 χ^2/NDF:109754.6/10

Right Out: -18.506+/-0.057 χ^2/NDF: 80734.5/18

Left In: -22.127+/-0.037 χ^2/NDF:77252.0/9

Left: -23.479+/-0.027 χ^2/NDF: 189738.5/20

Right: -19.957+/-0.041 χ^2/NDF: 131054.3/35

In: -21.940+/-0.031 χ^2/NDF:126349.4/26

Out: -22.940+/-0.032 χ^2/NDF:199128.7/29

All: -22.434+/-0.022 χ^2/NDF: 325978.6/56

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected

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

Left Out: -456.706+/-2.988 χ^2/NDF:438.8/10

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

Left In: -474.012+/-3.006 χ^2/NDF:110.2/9

Left: -465.308+/-2.119 χ^2/NDF: 565.7/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -474.012+/-3.006 χ^2/NDF:110.2/9

Out: -456.706+/-2.988 χ^2/NDF:438.8/10

All: -465.308+/-2.119 χ^2/NDF: 565.7/20

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -17.765+/-2.781 χ^2/NDF: 363.9/16

Left Out: 15.716+/-1.938 χ^2/NDF:169.4/10

Right Out: -9.417+/-2.613 χ^2/NDF: 369.6/18

Left In: 17.639+/-1.983 χ^2/NDF:116.9/9

Left: 16.656+/-1.386 χ^2/NDF: 286.7/20

Right: -13.331+/-1.905 χ^2/NDF: 738.2/35

In: 5.707+/-1.615 χ^2/NDF:588.1/26

Out: 6.796+/-1.557 χ^2/NDF:598.7/29

All: 6.271+/-1.121 χ^2/NDF: 1187.0/56

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 675.871+/-5.037 χ^2/NDF: 2586.4/16

Left Out: 564.220+/-2.964 χ^2/NDF:337.1/10

Right Out: 645.014+/-4.761 χ^2/NDF: 3123.3/18

Left In: 572.625+/-2.933 χ^2/NDF:162.8/9

Left: 568.467+/-2.085 χ^2/NDF: 504.0/20

Right: 659.573+/-3.460 χ^2/NDF: 5729.5/35

In: 598.766+/-2.535 χ^2/NDF:3062.9/26

Out: 586.785+/-2.516 χ^2/NDF:3668.0/29

All: 592.731+/-1.786 χ^2/NDF: 6742.1/56

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 175.341+/-3.203 χ^2/NDF: 638.5/16

Left Out: 114.283+/-2.413 χ^2/NDF:368.1/10

Right Out: 149.966+/-3.045 χ^2/NDF: 693.2/18

Left In: 111.165+/-2.423 χ^2/NDF:247.9/9

Left: 112.730+/-1.710 χ^2/NDF: 616.8/20

Right: 162.013+/-2.207 χ^2/NDF: 1364.6/35

In: 134.522+/-1.932 χ^2/NDF:1141.7/26

Out: 128.045+/-1.891 χ^2/NDF:1145.6/29

All: 131.214+/-1.352 χ^2/NDF: 2293.1/56

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -238.248+/-0.160 χ^2/NDF: 167125.9/16

Left Out: -272.410+/-0.122 χ^2/NDF:27551.4/10

Right Out: -226.706+/-0.151 χ^2/NDF: 102831.3/18

Left In: -266.372+/-0.117 χ^2/NDF:18984.2/9

Left: -269.280+/-0.084 χ^2/NDF: 47814.0/20

Right: -232.150+/-0.110 χ^2/NDF: 272709.4/35

In: -256.547+/-0.095 χ^2/NDF:206233.4/26

Out: -254.448+/-0.095 χ^2/NDF:185917.3/29

All: -255.500+/-0.067 χ^2/NDF: 392396.7/56

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: -253.661+/-1.824 χ^2/NDF:3028.6/10

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

Left In: -297.144+/-1.882 χ^2/NDF:122.3/9

Left: -274.726+/-1.310 χ^2/NDF: 3426.1/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -297.144+/-1.882 χ^2/NDF:122.3/9

Out: -253.661+/-1.824 χ^2/NDF:3028.6/10

All: -274.726+/-1.310 χ^2/NDF: 3426.1/20

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: 11.232+/-1.177 χ^2/NDF:102.0/10

Right Out: 5.534+/-1.071 χ^2/NDF: 239.1/18

Left In: 14.270+/-1.235 χ^2/NDF:71.6/9

Left: 12.678+/-0.852 χ^2/NDF: 176.8/20

Right: 5.220+/-0.764 χ^2/NDF: 551.3/35

In: 8.996+/-0.817 χ^2/NDF:415.9/26

Out: 8.115+/-0.792 χ^2/NDF:353.9/29

All: 8.542+/-0.569 χ^2/NDF: 770.5/56

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: 234.327+/-1.808 χ^2/NDF:4148.7/10

Right Out: 195.053+/-1.924 χ^2/NDF: 8257.1/18

Left In: 278.087+/-1.829 χ^2/NDF:376.3/9

Left: 255.944+/-1.286 χ^2/NDF: 4814.5/20

Right: 198.351+/-1.377 χ^2/NDF: 15017.4/35

In: 242.774+/-1.341 χ^2/NDF:7935.3/26

Out: 215.918+/-1.318 χ^2/NDF:12627.1/29

All: 229.112+/-0.940 χ^2/NDF: 20766.6/56

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: 52.168+/-1.466 χ^2/NDF:316.5/10

Right Out: 32.999+/-1.253 χ^2/NDF: 554.1/18

Left In: 57.944+/-1.512 χ^2/NDF:190.4/9

Left: 54.967+/-1.052 χ^2/NDF: 514.4/20

Right: 36.555+/-0.891 χ^2/NDF: 1305.3/35

In: 47.523+/-0.971 χ^2/NDF:1006.3/26

Out: 41.090+/-0.952 χ^2/NDF:969.4/29

All: 44.243+/-0.680 χ^2/NDF: 1998.1/56

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: -148.126+/-0.074 χ^2/NDF:575991.5/10

Right Out: -54.914+/-0.060 χ^2/NDF: 1003885.5/18

Left In: -165.231+/-0.073 χ^2/NDF:57446.9/9

Left: -156.797+/-0.052 χ^2/NDF: 660485.1/20

Right: -56.499+/-0.043 χ^2/NDF: 2110811.0/35

In: -102.644+/-0.047 χ^2/NDF:2419441.6/26

Out: -92.020+/-0.047 χ^2/NDF:2533614.7/29

All: -97.292+/-0.033 χ^2/NDF: 4978714.9/56

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+/-1.598 χ^2/NDF:2230.2/10

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

Left In: 260.164+/-1.630 χ^2/NDF:85.0/9

Left: 245.771+/-1.141 χ^2/NDF: 2468.1/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 260.164+/-1.630 χ^2/NDF:85.0/9

Out: 231.942+/-1.598 χ^2/NDF:2230.2/10

All: 245.771+/-1.141 χ^2/NDF: 2468.1/20

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: -3.280+/-1.043 χ^2/NDF:103.8/10

Right Out: 10.908+/-0.916 χ^2/NDF: 302.6/18

Left In: -2.999+/-1.082 χ^2/NDF:55.3/9

Left: -3.145+/-0.751 χ^2/NDF: 159.1/20

Right: 12.160+/-0.649 χ^2/NDF: 601.6/35

In: 6.538+/-0.701 χ^2/NDF:484.3/26

Out: 4.732+/-0.688 χ^2/NDF:510.8/29

All: 5.619+/-0.491 χ^2/NDF: 998.4/56

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: -184.831+/-1.589 χ^2/NDF:1389.1/10

Right Out: -185.739+/-1.700 χ^2/NDF: 1749.3/18

Left In: -204.366+/-1.593 χ^2/NDF:147.5/9

Left: -194.573+/-1.125 χ^2/NDF: 1611.9/20

Right: -193.204+/-1.229 χ^2/NDF: 2413.2/35

In: -203.039+/-1.187 χ^2/NDF:772.5/26

Out: -185.254+/-1.161 χ^2/NDF:3138.5/29

All: -193.949+/-0.830 χ^2/NDF: 4025.8/56

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: -66.839+/-1.295 χ^2/NDF:498.8/10

Right Out: -72.612+/-1.054 χ^2/NDF: 606.9/18

Left In: -74.942+/-1.320 χ^2/NDF:109.0/9

Left: -70.812+/-0.925 χ^2/NDF: 627.0/20

Right: -75.215+/-0.749 χ^2/NDF: 1277.4/35

In: -76.720+/-0.829 χ^2/NDF:770.1/26

Out: -70.312+/-0.817 χ^2/NDF:1117.7/29

All: -73.470+/-0.582 χ^2/NDF: 1918.1/56

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: 129.506+/-0.065 χ^2/NDF:342030.4/10

Right Out: 85.121+/-0.064 χ^2/NDF: 423521.4/18

Left In: 140.706+/-0.064 χ^2/NDF:12364.4/9

Left: 135.223+/-0.045 χ^2/NDF: 369566.0/20

Right: 93.266+/-0.047 χ^2/NDF: 733347.5/35

In: 123.822+/-0.047 χ^2/NDF:442445.8/26

Out: 106.886+/-0.045 χ^2/NDF:1003438.8/29

All: 115.045+/-0.033 χ^2/NDF: 1512654.7/56

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: -260.489+/-1.679 χ^2/NDF:377.8/10

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

Left In: -266.921+/-1.674 χ^2/NDF:125.3/9

Left: -263.715+/-1.186 χ^2/NDF: 510.4/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -266.921+/-1.674 χ^2/NDF:125.3/9

Out: -260.489+/-1.679 χ^2/NDF:377.8/10

All: -263.715+/-1.186 χ^2/NDF: 510.4/20

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: 13.895+/-1.082 χ^2/NDF:153.9/10

Right Out: 2.127+/-1.402 χ^2/NDF: 232.6/18

Left In: 14.270+/-1.101 χ^2/NDF:115.9/9

Left: 14.079+/-0.772 χ^2/NDF: 269.9/20

Right: 0.455+/-1.029 χ^2/NDF: 461.8/35

In: 8.814+/-0.890 χ^2/NDF:413.0/26

Out: 9.503+/-0.857 χ^2/NDF:430.7/29

All: 9.171+/-0.617 χ^2/NDF: 844.0/56

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: 283.633+/-1.658 χ^2/NDF:437.9/10

Right Out: 345.135+/-2.562 χ^2/NDF: 3416.5/18

Left In: 285.942+/-1.629 χ^2/NDF:298.1/9

Left: 284.808+/-1.162 χ^2/NDF: 737.0/20

Right: 357.695+/-1.878 χ^2/NDF: 5901.5/35

In: 308.249+/-1.403 χ^2/NDF:3456.9/26

Out: 301.791+/-1.392 χ^2/NDF:4260.5/29

All: 304.996+/-0.988 χ^2/NDF: 7728.0/56

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: 47.118+/-1.349 χ^2/NDF:349.3/10

Right Out: 59.546+/-1.633 χ^2/NDF: 490.9/18

Left In: 46.138+/-1.345 χ^2/NDF:270.2/9

Left: 46.627+/-0.953 χ^2/NDF: 619.7/20

Right: 64.838+/-1.192 χ^2/NDF: 940.3/35

In: 55.371+/-1.065 χ^2/NDF:823.3/26

Out: 52.160+/-1.040 χ^2/NDF:874.6/29

All: 53.727+/-0.744 χ^2/NDF: 1702.5/56

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: -148.296+/-0.068 χ^2/NDF:59622.5/10

Right Out: -116.369+/-0.083 χ^2/NDF: 167595.6/18

Left In: -143.764+/-0.065 χ^2/NDF:40662.8/9

Left: -145.928+/-0.047 χ^2/NDF: 102607.5/20

Right: -121.332+/-0.061 χ^2/NDF: 342408.2/35

In: -138.006+/-0.053 χ^2/NDF:230433.1/26

Out: -135.464+/-0.053 χ^2/NDF:315877.1/29

All: -136.735+/-0.037 χ^2/NDF: 547479.3/56

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: 194.186+/-1.469 χ^2/NDF:525.0/10

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

Left In: 205.880+/-1.491 χ^2/NDF:160.5/9

Left: 199.946+/-1.046 χ^2/NDF: 716.7/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 205.880+/-1.491 χ^2/NDF:160.5/9

Out: 194.186+/-1.469 χ^2/NDF:525.0/10

All: 199.946+/-1.046 χ^2/NDF: 716.7/20

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: -1.060+/-0.969 χ^2/NDF:179.1/10

Right Out: 14.055+/-1.392 χ^2/NDF: 436.5/18

Left In: -3.093+/-0.997 χ^2/NDF:107.4/9

Left: -2.048+/-0.695 χ^2/NDF: 288.6/20

Right: 16.572+/-1.014 χ^2/NDF: 884.6/35

In: 3.936+/-0.827 χ^2/NDF:707.6/26

Out: 3.875+/-0.795 χ^2/NDF:695.1/29

All: 3.904+/-0.573 χ^2/NDF: 1402.7/56

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: -278.548+/-1.465 χ^2/NDF:270.7/10

Right Out: -310.223+/-2.523 χ^2/NDF: 2300.0/18

Left In: -285.653+/-1.461 χ^2/NDF:71.5/9

Left: -282.111+/-1.034 χ^2/NDF: 353.9/20

Right: -316.595+/-1.833 χ^2/NDF: 4164.2/35

In: -294.433+/-1.281 χ^2/NDF:2078.9/26

Out: -286.535+/-1.267 χ^2/NDF:2688.5/29

All: -290.439+/-0.901 χ^2/NDF: 4786.6/56

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: -68.194+/-1.200 χ^2/NDF:351.7/10

Right Out: -93.680+/-1.612 χ^2/NDF: 826.5/18

Left In: -65.289+/-1.214 χ^2/NDF:196.5/9

Left: -66.758+/-0.853 χ^2/NDF: 551.1/20

Right: -99.207+/-1.167 χ^2/NDF: 1588.8/35

In: -78.874+/-0.987 χ^2/NDF:1302.9/26

Out: -77.285+/-0.963 χ^2/NDF:1339.1/29

All: -78.060+/-0.689 χ^2/NDF: 2643.4/56

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: 123.039+/-0.060 χ^2/NDF:2702.8/10

Right Out: 102.570+/-0.079 χ^2/NDF: 53143.8/18

Left In: 122.045+/-0.058 χ^2/NDF:2273.5/9

Left: 122.529+/-0.042 χ^2/NDF: 5118.4/20

Right: 105.327+/-0.058 χ^2/NDF: 129018.0/35

In: 117.689+/-0.048 χ^2/NDF:93042.1/26

Out: 115.641+/-0.048 χ^2/NDF:98223.5/29

All: 116.661+/-0.034 χ^2/NDF: 192180.6/56

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: -44.518+/-0.686 χ^2/NDF:807.6/10

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

Left In: -46.540+/-0.678 χ^2/NDF:572.6/9

Left: -45.540+/-0.482 χ^2/NDF: 1384.6/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -46.540+/-0.678 χ^2/NDF:572.6/9

Out: -44.518+/-0.686 χ^2/NDF:807.6/10

All: -45.540+/-0.482 χ^2/NDF: 1384.6/20

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: 8.517+/-0.456 χ^2/NDF:202.5/10

Right Out: 20.390+/-0.644 χ^2/NDF: 365.3/18

Left In: 9.595+/-0.460 χ^2/NDF:201.7/9

Left: 9.052+/-0.324 χ^2/NDF: 407.0/20

Right: 19.648+/-0.455 χ^2/NDF: 986.9/35

In: 12.746+/-0.374 χ^2/NDF:959.1/26

Out: 12.489+/-0.372 χ^2/NDF:794.1/29

All: 12.617+/-0.264 χ^2/NDF: 1753.5/56

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: 31.820+/-0.673 χ^2/NDF:1361.1/10

Right Out: 78.241+/-1.223 χ^2/NDF: 1542.7/18

Left In: 36.177+/-0.659 χ^2/NDF:952.6/9

Left: 34.045+/-0.471 χ^2/NDF: 2335.2/20

Right: 75.667+/-0.866 χ^2/NDF: 2751.5/35

In: 44.427+/-0.581 χ^2/NDF:2853.6/26

Out: 42.616+/-0.590 χ^2/NDF:4010.2/29

All: 43.536+/-0.414 χ^2/NDF: 6868.6/56

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: -13.326+/-0.561 χ^2/NDF:339.7/10

Right Out: -36.719+/-0.737 χ^2/NDF: 542.9/18

Left In: -15.222+/-0.556 χ^2/NDF:475.2/9

Left: -14.283+/-0.395 χ^2/NDF: 820.6/20

Right: -35.354+/-0.521 χ^2/NDF: 1269.6/35

In: -22.041+/-0.444 χ^2/NDF:1608.7/26

Out: -21.920+/-0.447 χ^2/NDF:1520.4/29

All: -21.981+/-0.315 χ^2/NDF: 3129.1/56

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: -24.078+/-0.027 χ^2/NDF:167229.3/10

Right Out: -18.934+/-0.045 χ^2/NDF: 434152.2/18

Left In: -23.127+/-0.026 χ^2/NDF:144654.7/9

Left: -23.585+/-0.019 χ^2/NDF: 312539.8/20

Right: -17.648+/-0.032 χ^2/NDF: 910108.0/35

In: -21.436+/-0.022 χ^2/NDF:636145.7/26

Out: -22.748+/-0.023 χ^2/NDF:610966.1/29

All: -22.071+/-0.016 χ^2/NDF: 1248788.8/56

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: 14.997+/-0.643 χ^2/NDF:308.3/10

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

Left In: 11.025+/-0.639 χ^2/NDF:26.7/9

Left: 12.997+/-0.453 χ^2/NDF: 354.1/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 11.025+/-0.639 χ^2/NDF:26.7/9

Out: 14.997+/-0.643 χ^2/NDF:308.3/10

All: 12.997+/-0.453 χ^2/NDF: 354.1/20

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: -1.274+/-0.437 χ^2/NDF:22.2/10

Right Out: -0.342+/-0.658 χ^2/NDF: 83.7/18

Left In: 0.133+/-0.441 χ^2/NDF:12.1/9

Left: -0.577+/-0.310 χ^2/NDF: 39.4/20

Right: -0.378+/-0.463 χ^2/NDF: 203.7/35

In: -0.038+/-0.365 χ^2/NDF:132.5/26

Out: -0.989+/-0.364 χ^2/NDF:107.3/29

All: -0.515+/-0.258 χ^2/NDF: 243.2/56

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: 31.690+/-0.636 χ^2/NDF:1199.0/10

Right Out: 25.701+/-1.243 χ^2/NDF: 1379.1/18

Left In: 37.674+/-0.625 χ^2/NDF:21.2/9

Left: 34.733+/-0.446 χ^2/NDF: 1265.3/20

Right: 21.501+/-0.877 χ^2/NDF: 2345.0/35

In: 33.547+/-0.558 χ^2/NDF:1179.4/26

Out: 30.448+/-0.566 χ^2/NDF:2596.6/29

All: 32.020+/-0.397 χ^2/NDF: 3791.2/56

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: 2.556+/-0.534 χ^2/NDF:19.1/10

Right Out: 0.326+/-0.749 χ^2/NDF: 55.1/18

Left In: 1.068+/-0.531 χ^2/NDF:15.5/9

Left: 1.807+/-0.377 χ^2/NDF: 38.5/20

Right: 0.132+/-0.528 χ^2/NDF: 131.8/35

In: 0.688+/-0.432 χ^2/NDF:93.5/26

Out: 1.804+/-0.435 χ^2/NDF:80.1/29

All: 1.242+/-0.307 χ^2/NDF: 177.0/56

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: -0.316+/-0.025 χ^2/NDF:71883.7/10

Right Out: 3.502+/-0.046 χ^2/NDF: 510579.7/18

Left In: -1.660+/-0.024 χ^2/NDF:4417.8/9

Left: -1.007+/-0.017 χ^2/NDF: 77776.6/20

Right: 5.528+/-0.032 χ^2/NDF: 870492.1/35

In: 0.450+/-0.021 χ^2/NDF:392820.9/26

Out: 0.573+/-0.022 χ^2/NDF:587854.4/29

All: 0.510+/-0.015 χ^2/NDF: 980691.4/56

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: -459.604+/-2.942 χ^2/NDF:1352.0/10

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

Left In: -516.185+/-3.120 χ^2/NDF:94.8/9

Left: -486.234+/-2.141 χ^2/NDF: 1620.9/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -516.185+/-3.120 χ^2/NDF:94.8/9

Out: -459.604+/-2.942 χ^2/NDF:1352.0/10

All: -486.234+/-2.141 χ^2/NDF: 1620.9/20

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: 14.431+/-1.910 χ^2/NDF:134.6/10

Right Out: -5.363+/-2.264 χ^2/NDF: 344.6/18

Left In: 17.621+/-2.052 χ^2/NDF:86.1/9

Left: 15.912+/-1.398 χ^2/NDF: 222.0/20

Right: -8.858+/-1.617 χ^2/NDF: 690.5/35

In: 4.343+/-1.534 χ^2/NDF:522.1/26

Out: 6.200+/-1.460 χ^2/NDF:523.8/29

All: 5.317+/-1.058 χ^2/NDF: 1046.7/56

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: 483.434+/-2.934 χ^2/NDF:1104.4/10

Right Out: 567.451+/-4.137 χ^2/NDF: 2784.8/18

Left In: 527.969+/-3.042 χ^2/NDF:216.5/9

Left: 504.902+/-2.112 χ^2/NDF: 1431.9/20

Right: 577.481+/-2.988 χ^2/NDF: 4927.3/35

In: 548.002+/-2.487 χ^2/NDF:2477.6/26

Out: 511.555+/-2.393 χ^2/NDF:4163.6/29

All: 529.078+/-1.725 χ^2/NDF: 6752.7/56

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: 114.851+/-2.373 χ^2/NDF:297.1/10

Right Out: 134.381+/-2.620 χ^2/NDF: 584.9/18

Left In: 121.875+/-2.510 χ^2/NDF:199.8/9

Left: 118.167+/-1.724 χ^2/NDF: 501.0/20

Right: 142.467+/-1.871 χ^2/NDF: 1239.2/35

In: 135.465+/-1.830 χ^2/NDF:897.2/26

Out: 123.655+/-1.759 χ^2/NDF:912.5/29

All: 129.327+/-1.268 χ^2/NDF: 1831.3/56

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: -269.924+/-0.120 χ^2/NDF:182237.6/10

Right Out: -226.716+/-0.141 χ^2/NDF: 99440.4/18

Left In: -286.427+/-0.122 χ^2/NDF:28973.6/9

Left: -278.085+/-0.086 χ^2/NDF: 220512.0/20

Right: -230.345+/-0.102 χ^2/NDF: 245990.9/35

In: -265.474+/-0.094 χ^2/NDF:247864.6/26

Out: -251.763+/-0.092 χ^2/NDF:335862.2/29

All: -258.438+/-0.066 χ^2/NDF: 594628.7/56

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: 42.346+/-0.743 χ^2/NDF:1786.6/10

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

Left In: 41.767+/-0.714 χ^2/NDF:224.6/9

Left: 42.045+/-0.515 χ^2/NDF: 2011.5/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 41.767+/-0.714 χ^2/NDF:224.6/9

Out: 42.346+/-0.743 χ^2/NDF:1786.6/10

All: 42.045+/-0.515 χ^2/NDF: 2011.5/20

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: 0.170+/-0.496 χ^2/NDF:61.4/10

Right Out: -7.256+/-0.762 χ^2/NDF: 257.3/18

Left In: 0.153+/-0.485 χ^2/NDF:61.8/9

Left: 0.161+/-0.347 χ^2/NDF: 123.2/20

Right: -7.317+/-0.545 χ^2/NDF: 540.9/35

In: -1.955+/-0.412 χ^2/NDF:412.8/26

Out: -2.037+/-0.415 χ^2/NDF:385.4/29

All: -1.996+/-0.292 χ^2/NDF: 798.3/56

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: 44.010+/-0.728 χ^2/NDF:2179.8/10

Right Out: 115.405+/-1.361 χ^2/NDF: 2150.5/18

Left In: 44.442+/-0.695 χ^2/NDF:304.7/9

Left: 44.236+/-0.503 χ^2/NDF: 2484.7/20

Right: 116.321+/-0.979 χ^2/NDF: 4312.7/35

In: 58.694+/-0.623 χ^2/NDF:4618.2/26

Out: 59.898+/-0.642 χ^2/NDF:6470.9/29

All: 59.278+/-0.447 χ^2/NDF: 11091.0/56

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: -10.093+/-0.610 χ^2/NDF:329.2/10

Right Out: 18.395+/-0.872 χ^2/NDF: 1077.1/18

Left In: -10.921+/-0.586 χ^2/NDF:59.5/9

Left: -10.523+/-0.423 χ^2/NDF: 389.7/20

Right: 20.284+/-0.622 χ^2/NDF: 2158.2/35

In: -0.872+/-0.489 χ^2/NDF:2101.1/26

Out: -0.727+/-0.500 χ^2/NDF:2123.0/29

All: -0.801+/-0.350 χ^2/NDF: 4224.2/56

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: 18.619+/-0.029 χ^2/NDF:348554.0/10

Right Out: -2.751+/-0.046 χ^2/NDF: 266291.4/18

Left In: 19.998+/-0.027 χ^2/NDF:25860.1/9

Left: 19.351+/-0.020 χ^2/NDF: 375623.5/20

Right: -4.597+/-0.032 χ^2/NDF: 535394.7/35

In: 13.191+/-0.023 χ^2/NDF:536125.9/26

Out: 12.517+/-0.024 χ^2/NDF:771215.0/29

All: 12.868+/-0.017 χ^2/NDF: 1307738.9/56

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: -243.973+/-1.687 χ^2/NDF:487.5/10

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

Left In: -255.925+/-1.703 χ^2/NDF:104.2/9

Left: -249.893+/-1.199 χ^2/NDF: 616.5/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -255.925+/-1.703 χ^2/NDF:104.2/9

Out: -243.973+/-1.687 χ^2/NDF:487.5/10

All: -249.893+/-1.199 χ^2/NDF: 616.5/20

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: 11.877+/-1.092 χ^2/NDF:173.4/10

Right Out: -2.548+/-1.399 χ^2/NDF: 218.1/18

Left In: 14.575+/-1.121 χ^2/NDF:131.4/9

Left: 13.190+/-0.782 χ^2/NDF: 307.8/20

Right: -2.757+/-1.007 χ^2/NDF: 422.1/35

In: 8.010+/-0.887 χ^2/NDF:427.0/26

Out: 6.416+/-0.861 χ^2/NDF:457.6/29

All: 7.189+/-0.618 χ^2/NDF: 886.3/56

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: 312.517+/-1.670 χ^2/NDF:498.5/10

Right Out: 261.551+/-2.458 χ^2/NDF: 8208.2/18

Left In: 323.629+/-1.658 χ^2/NDF:261.2/9

Left: 318.115+/-1.177 χ^2/NDF: 782.0/20

Right: 264.068+/-1.745 χ^2/NDF: 15873.0/35

In: 305.996+/-1.378 χ^2/NDF:8289.6/26

Out: 296.414+/-1.381 χ^2/NDF:9000.9/29

All: 301.218+/-0.976 χ^2/NDF: 17314.6/56

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: 50.934+/-1.359 χ^2/NDF:380.6/10

Right Out: 50.526+/-1.643 χ^2/NDF: 657.0/18

Left In: 46.934+/-1.370 χ^2/NDF:300.2/9

Left: 48.950+/-0.965 χ^2/NDF: 685.1/20

Right: 56.420+/-1.174 χ^2/NDF: 1405.7/35

In: 53.187+/-1.061 χ^2/NDF:1074.7/26

Out: 50.768+/-1.047 χ^2/NDF:1037.6/29

All: 51.962+/-0.746 χ^2/NDF: 2114.9/56

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: -148.041+/-0.068 χ^2/NDF:48761.6/10

Right Out: -55.502+/-0.072 χ^2/NDF: 969632.0/18

Left In: -145.552+/-0.066 χ^2/NDF:40857.8/9

Left: -146.754+/-0.048 χ^2/NDF: 90303.4/20

Right: -54.512+/-0.050 χ^2/NDF: 2200235.7/35

In: -102.350+/-0.048 χ^2/NDF:2179754.1/26

Out: -104.075+/-0.050 χ^2/NDF:1887716.0/29

All: -103.188+/-0.035 χ^2/NDF: 4068093.0/56

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: 210.533+/-1.433 χ^2/NDF:421.3/10

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

Left In: 216.876+/-1.431 χ^2/NDF:163.3/9

Left: 213.710+/-1.012 χ^2/NDF: 594.4/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 216.876+/-1.431 χ^2/NDF:163.3/9

Out: 210.533+/-1.433 χ^2/NDF:421.3/10

All: 213.710+/-1.012 χ^2/NDF: 594.4/20

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: -2.891+/-0.940 χ^2/NDF:187.5/10

Right Out: 16.466+/-1.230 χ^2/NDF: 425.9/18

Left In: -2.950+/-0.954 χ^2/NDF:97.2/9

Left: -2.920+/-0.670 χ^2/NDF: 284.7/20

Right: 19.025+/-0.916 χ^2/NDF: 821.2/35

In: 5.241+/-0.784 χ^2/NDF:709.2/26

Out: 4.250+/-0.747 χ^2/NDF:769.8/29

All: 4.722+/-0.541 χ^2/NDF: 1479.9/56

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: -247.721+/-1.425 χ^2/NDF:475.1/10

Right Out: -275.853+/-2.324 χ^2/NDF: 3362.8/18

Left In: -247.852+/-1.402 χ^2/NDF:99.6/9

Left: -247.787+/-0.999 χ^2/NDF: 574.7/20

Right: -301.220+/-1.721 χ^2/NDF: 4411.6/35

In: -267.248+/-1.230 χ^2/NDF:1715.6/26

Out: -255.406+/-1.215 χ^2/NDF:3944.4/29

All: -261.255+/-0.864 χ^2/NDF: 5706.9/56

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: -64.585+/-1.166 χ^2/NDF:359.4/10

Right Out: -88.600+/-1.435 χ^2/NDF: 969.7/18

Left In: -64.170+/-1.162 χ^2/NDF:175.9/9

Left: -64.377+/-0.823 χ^2/NDF: 535.3/20

Right: -98.623+/-1.061 χ^2/NDF: 1591.0/35

In: -80.560+/-0.936 χ^2/NDF:1254.2/26

Out: -74.140+/-0.905 χ^2/NDF:1497.8/29

All: -77.242+/-0.651 χ^2/NDF: 2776.4/56

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: 122.711+/-0.058 χ^2/NDF:22211.4/10

Right Out: 82.684+/-0.075 χ^2/NDF: 765716.0/18

Left In: 120.231+/-0.056 χ^2/NDF:1769.0/9

Left: 121.421+/-0.040 χ^2/NDF: 24923.2/20

Right: 101.242+/-0.057 χ^2/NDF: 1099401.9/35

In: 122.199+/-0.047 χ^2/NDF:194186.5/26

Out: 107.731+/-0.046 χ^2/NDF:964739.8/29

All: 114.762+/-0.033 χ^2/NDF: 1206865.6/56

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: -272.120+/-1.819 χ^2/NDF:2262.3/10

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

Left In: -308.271+/-1.874 χ^2/NDF:146.5/9

Left: -289.651+/-1.305 χ^2/NDF: 2600.4/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -308.271+/-1.874 χ^2/NDF:146.5/9

Out: -272.120+/-1.819 χ^2/NDF:2262.3/10

All: -289.651+/-1.305 χ^2/NDF: 2600.4/20

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: 13.184+/-1.173 χ^2/NDF:84.0/10

Right Out: 9.505+/-1.074 χ^2/NDF: 231.5/18

Left In: 13.849+/-1.230 χ^2/NDF:58.1/9

Left: 13.500+/-0.849 χ^2/NDF: 142.2/20

Right: 8.404+/-0.763 χ^2/NDF: 494.7/35

In: 10.152+/-0.813 χ^2/NDF:335.1/26

Out: 11.183+/-0.792 χ^2/NDF:320.9/29

All: 10.681+/-0.567 χ^2/NDF: 656.8/56

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: 209.859+/-1.801 χ^2/NDF:2292.6/10

Right Out: 260.206+/-1.978 χ^2/NDF: 2541.6/18

Left In: 240.652+/-1.821 χ^2/NDF:407.1/9

Left: 225.084+/-1.281 χ^2/NDF: 2844.2/20

Right: 264.757+/-1.430 χ^2/NDF: 3926.7/35

In: 253.340+/-1.368 χ^2/NDF:1892.4/26

Out: 232.685+/-1.332 χ^2/NDF:5188.4/29

All: 242.737+/-0.954 χ^2/NDF: 7197.8/56

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: 49.010+/-1.460 χ^2/NDF:341.3/10

Right Out: 37.284+/-1.237 χ^2/NDF: 472.6/18

Left In: 57.342+/-1.504 χ^2/NDF:161.7/9

Left: 53.052+/-1.048 χ^2/NDF: 518.8/20

Right: 39.611+/-0.881 χ^2/NDF: 1055.4/35

In: 48.302+/-0.964 χ^2/NDF:798.6/26

Out: 42.183+/-0.944 χ^2/NDF:851.4/29

All: 45.179+/-0.674 χ^2/NDF: 1670.5/56

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: -150.176+/-0.074 χ^2/NDF:402367.9/10

Right Out: -105.892+/-0.073 χ^2/NDF: 324304.4/18

Left In: -163.557+/-0.073 χ^2/NDF:56589.5/9

Left: -156.965+/-0.052 χ^2/NDF: 475642.2/20

Right: -111.303+/-0.053 χ^2/NDF: 478188.8/35

In: -142.152+/-0.053 χ^2/NDF:385029.5/26

Out: -127.737+/-0.052 χ^2/NDF:909204.6/29

All: -134.757+/-0.037 χ^2/NDF: 1331915.5/56

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: 211.769+/-1.621 χ^2/NDF:3155.2/10

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

Left In: 249.084+/-1.663 χ^2/NDF:79.9/9

Left: 229.944+/-1.161 χ^2/NDF: 3493.3/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 249.084+/-1.663 χ^2/NDF:79.9/9

Out: 211.769+/-1.621 χ^2/NDF:3155.2/10

All: 229.944+/-1.161 χ^2/NDF: 3493.3/20

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: -1.395+/-1.062 χ^2/NDF:102.7/10

Right Out: 9.519+/-1.051 χ^2/NDF: 296.2/18

Left In: -3.215+/-1.106 χ^2/NDF:63.4/9

Left: -2.268+/-0.766 χ^2/NDF: 167.5/20

Right: 11.033+/-0.745 χ^2/NDF: 648.2/35

In: 5.044+/-0.764 χ^2/NDF:517.6/26

Out: 4.119+/-0.747 χ^2/NDF:452.4/29

All: 4.571+/-0.534 χ^2/NDF: 970.7/56

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: -209.158+/-1.614 χ^2/NDF:3156.5/10

Right Out: -211.968+/-1.924 χ^2/NDF: 1886.2/18

Left In: -242.010+/-1.626 χ^2/NDF:122.1/9

Left: -225.464+/-1.145 χ^2/NDF: 3484.2/20

Right: -215.302+/-1.389 χ^2/NDF: 3039.1/35

In: -232.858+/-1.263 χ^2/NDF:1348.6/26

Out: -210.318+/-1.237 χ^2/NDF:5043.9/29

All: -221.350+/-0.884 χ^2/NDF: 6555.1/56

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: -69.373+/-1.317 χ^2/NDF:458.7/10

Right Out: -72.836+/-1.209 χ^2/NDF: 672.9/18

Left In: -75.910+/-1.349 χ^2/NDF:129.1/9

Left: -72.561+/-0.942 χ^2/NDF: 599.7/20

Right: -75.069+/-0.858 χ^2/NDF: 1497.0/35

In: -76.698+/-0.905 χ^2/NDF:946.9/26

Out: -71.253+/-0.890 χ^2/NDF:1135.3/29

All: -73.932+/-0.635 χ^2/NDF: 2100.6/56

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: 127.103+/-0.066 χ^2/NDF:542383.8/10

Right Out: 87.315+/-0.068 χ^2/NDF: 221837.7/18

Left In: 142.427+/-0.065 χ^2/NDF:13501.8/9

Left: 134.896+/-0.046 χ^2/NDF: 583344.6/20

Right: 92.024+/-0.050 χ^2/NDF: 326563.7/35

In: 122.677+/-0.049 χ^2/NDF:319336.4/26

Out: 107.890+/-0.047 χ^2/NDF:940014.6/29

All: 115.110+/-0.034 χ^2/NDF: 1306829.7/56

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: 207.768+/-1.404 χ^2/NDF:1287.5/10

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

Left In: 233.038+/-1.475 χ^2/NDF:114.2/9

Left: 219.773+/-1.017 χ^2/NDF: 1555.7/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 233.038+/-1.475 χ^2/NDF:114.2/9

Out: 207.768+/-1.404 χ^2/NDF:1287.5/10

All: 219.773+/-1.017 χ^2/NDF: 1555.7/20

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: -2.030+/-0.921 χ^2/NDF:151.0/10

Right Out: 12.294+/-1.086 χ^2/NDF: 443.7/18

Left In: -3.154+/-0.980 χ^2/NDF:83.5/9

Left: -2.557+/-0.671 χ^2/NDF: 235.2/20

Right: 14.891+/-0.788 χ^2/NDF: 850.9/35

In: 5.688+/-0.745 χ^2/NDF:671.4/26

Out: 3.960+/-0.702 χ^2/NDF:696.0/29

All: 4.773+/-0.511 χ^2/NDF: 1370.2/56

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: -228.295+/-1.403 χ^2/NDF:651.0/10

Right Out: -254.703+/-2.020 χ^2/NDF: 2038.5/18

Left In: -245.072+/-1.444 χ^2/NDF:102.7/9

Left: -236.445+/-1.006 χ^2/NDF: 823.2/20

Right: -265.715+/-1.478 χ^2/NDF: 3013.0/35

In: -255.314+/-1.202 χ^2/NDF:1176.9/26

Out: -236.892+/-1.153 χ^2/NDF:2804.8/29

All: -245.719+/-0.832 χ^2/NDF: 4104.1/56

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: -66.344+/-1.141 χ^2/NDF:370.1/10

Right Out: -84.124+/-1.259 χ^2/NDF: 782.9/18

Left In: -70.023+/-1.196 χ^2/NDF:164.7/9

Left: -68.096+/-0.825 χ^2/NDF: 539.8/20

Right: -89.357+/-0.912 χ^2/NDF: 1494.2/35

In: -81.319+/-0.887 χ^2/NDF:1038.0/26

Out: -74.361+/-0.845 χ^2/NDF:1262.5/29

All: -77.672+/-0.612 χ^2/NDF: 2332.8/56

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: 123.880+/-0.057 χ^2/NDF:140244.8/10

Right Out: 99.049+/-0.069 χ^2/NDF: 173463.3/18

Left In: 131.459+/-0.058 χ^2/NDF:7272.0/9

Left: 127.649+/-0.041 χ^2/NDF: 156185.9/20

Right: 106.312+/-0.051 χ^2/NDF: 305658.4/35

In: 125.890+/-0.046 χ^2/NDF:139968.5/26

Out: 113.635+/-0.044 χ^2/NDF:390887.5/29

All: 119.439+/-0.032 χ^2/NDF: 567590.7/56

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: 26.891+/-0.514 χ^2/NDF:1336.4/10

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

Left In: 26.642+/-0.498 χ^2/NDF:162.6/9

Left: 26.763+/-0.358 χ^2/NDF: 1499.1/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 26.642+/-0.498 χ^2/NDF:162.6/9

Out: 26.891+/-0.514 χ^2/NDF:1336.4/10

All: 26.763+/-0.358 χ^2/NDF: 1499.1/20

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: -0.534+/-0.346 χ^2/NDF:55.2/10

Right Out: -4.793+/-0.586 χ^2/NDF: 193.5/18

Left In: 0.084+/-0.341 χ^2/NDF:43.9/9

Left: -0.220+/-0.243 χ^2/NDF: 100.7/20

Right: -4.761+/-0.412 χ^2/NDF: 368.3/35

In: -1.153+/-0.294 χ^2/NDF:270.1/26

Out: -1.636+/-0.298 χ^2/NDF:287.8/29

All: -1.391+/-0.209 χ^2/NDF: 559.2/56

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: 40.268+/-0.505 χ^2/NDF:1119.1/10

Right Out: 75.878+/-1.069 χ^2/NDF: 1895.0/18

Left In: 40.753+/-0.486 χ^2/NDF:185.1/9

Left: 40.520+/-0.350 χ^2/NDF: 1304.7/20

Right: 72.486+/-0.759 χ^2/NDF: 3763.1/35

In: 45.545+/-0.443 χ^2/NDF:2606.7/26

Out: 46.764+/-0.457 χ^2/NDF:3920.5/29

All: 46.136+/-0.318 χ^2/NDF: 6530.9/56

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: -3.303+/-0.424 χ^2/NDF:336.5/10

Right Out: 12.071+/-0.665 χ^2/NDF: 543.3/18

Left In: -4.897+/-0.411 χ^2/NDF:39.8/9

Left: -4.126+/-0.295 χ^2/NDF: 383.6/20

Right: 11.816+/-0.468 χ^2/NDF: 1021.8/35

In: -0.280+/-0.349 χ^2/NDF:968.1/26

Out: 1.151+/-0.358 χ^2/NDF:1260.0/29

All: 0.417+/-0.250 χ^2/NDF: 2236.3/56

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: 8.148+/-0.020 χ^2/NDF:222440.2/10

Right Out: -0.644+/-0.037 χ^2/NDF: 361625.7/18

Left In: 9.271+/-0.019 χ^2/NDF:13243.6/9

Left: 8.738+/-0.014 χ^2/NDF: 237343.4/20

Right: 0.608+/-0.026 χ^2/NDF: 723318.4/35

In: 7.724+/-0.017 χ^2/NDF:404452.3/26

Out: 6.164+/-0.018 χ^2/NDF:627666.6/29

All: 6.976+/-0.012 χ^2/NDF: 1036205.4/56

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: -254.202+/-1.631 χ^2/NDF:1186.5/10

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

Left In: -282.026+/-1.715 χ^2/NDF:124.3/9

Left: -267.422+/-1.182 χ^2/NDF: 1449.0/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -282.026+/-1.715 χ^2/NDF:124.3/9

Out: -254.202+/-1.631 χ^2/NDF:1186.5/10

All: -267.422+/-1.182 χ^2/NDF: 1449.0/20

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: 12.041+/-1.053 χ^2/NDF:140.4/10

Right Out: 4.497+/-1.160 χ^2/NDF: 225.4/18

Left In: 14.370+/-1.123 χ^2/NDF:95.9/9

Left: 13.130+/-0.768 χ^2/NDF: 238.6/20

Right: 3.879+/-0.842 χ^2/NDF: 481.7/35

In: 9.265+/-0.828 χ^2/NDF:396.8/26

Out: 8.633+/-0.779 χ^2/NDF:389.0/29

All: 8.930+/-0.568 χ^2/NDF: 786.2/56

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: 256.723+/-1.621 χ^2/NDF:1365.6/10

Right Out: 256.109+/-2.080 χ^2/NDF: 6444.1/18

Left In: 281.922+/-1.667 χ^2/NDF:353.4/9

Left: 268.970+/-1.162 χ^2/NDF: 1836.5/20

Right: 264.628+/-1.509 χ^2/NDF: 11591.4/35

In: 279.047+/-1.327 χ^2/NDF:5473.5/26

Out: 256.491+/-1.279 χ^2/NDF:7809.7/29

All: 267.353+/-0.921 χ^2/NDF: 13433.1/56

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: 49.924+/-1.310 χ^2/NDF:269.5/10

Right Out: 45.637+/-1.359 χ^2/NDF: 530.8/18

Left In: 51.840+/-1.375 χ^2/NDF:241.9/9

Left: 50.836+/-0.948 χ^2/NDF: 512.5/20

Right: 49.665+/-0.982 χ^2/NDF: 1183.6/35

In: 52.916+/-0.988 χ^2/NDF:877.6/26

Out: 47.859+/-0.943 χ^2/NDF:805.5/29

All: 50.271+/-0.682 χ^2/NDF: 1696.8/56

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: -147.153+/-0.066 χ^2/NDF:186771.5/10

Right Out: -85.803+/-0.065 χ^2/NDF: 495895.1/18

Left In: -154.481+/-0.067 χ^2/NDF:52885.1/9

Left: -150.809+/-0.047 χ^2/NDF: 245719.7/20

Right: -88.339+/-0.047 χ^2/NDF: 1033703.0/35

In: -123.207+/-0.047 χ^2/NDF:1034324.5/26

Out: -115.809+/-0.046 χ^2/NDF:1117825.1/29

All: -119.434+/-0.033 χ^2/NDF: 2164558.1/56

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: -14.180+/-0.480 χ^2/NDF:1624.5/10

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

Left In: -15.344+/-0.464 χ^2/NDF:117.0/9

Left: -14.781+/-0.334 χ^2/NDF: 1744.5/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -15.344+/-0.464 χ^2/NDF:117.0/9

Out: -14.180+/-0.480 χ^2/NDF:1624.5/10

All: -14.781+/-0.334 χ^2/NDF: 1744.5/20

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: -0.557+/-0.322 χ^2/NDF:28.5/10

Right Out: 4.670+/-0.474 χ^2/NDF: 185.4/18

Left In: 0.037+/-0.318 χ^2/NDF:37.4/9

Left: -0.256+/-0.226 χ^2/NDF: 67.5/20

Right: 4.512+/-0.332 χ^2/NDF: 472.1/35

In: 1.418+/-0.262 χ^2/NDF:382.9/26

Out: 1.093+/-0.266 χ^2/NDF:297.0/29

All: 1.258+/-0.187 χ^2/NDF: 680.7/56

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: -4.780+/-0.471 χ^2/NDF:2529.7/10

Right Out: -50.441+/-0.857 χ^2/NDF: 1324.7/18

Left In: -3.426+/-0.452 χ^2/NDF:185.3/9

Left: -4.076+/-0.326 χ^2/NDF: 2719.3/20

Right: -52.405+/-0.608 χ^2/NDF: 2348.7/35

In: -14.424+/-0.401 χ^2/NDF:3936.9/26

Out: -15.359+/-0.413 χ^2/NDF:6033.5/29

All: -14.877+/-0.287 χ^2/NDF: 9973.0/56

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: 6.061+/-0.396 χ^2/NDF:201.6/10

Right Out: -12.912+/-0.538 χ^2/NDF: 730.2/18

Left In: 5.942+/-0.384 χ^2/NDF:39.7/9

Left: 6.000+/-0.275 χ^2/NDF: 241.3/20

Right: -12.762+/-0.378 χ^2/NDF: 1518.6/35

In: -0.436+/-0.311 χ^2/NDF:1632.1/26

Out: -0.595+/-0.319 χ^2/NDF:1738.6/29

All: -0.513+/-0.223 χ^2/NDF: 3370.8/56

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: -9.795+/-0.019 χ^2/NDF:354698.3/10

Right Out: 7.719+/-0.031 χ^2/NDF: 545085.7/18

Left In: -10.845+/-0.018 χ^2/NDF:20896.5/9

Left: -10.348+/-0.013 χ^2/NDF: 377269.8/20

Right: 9.073+/-0.022 χ^2/NDF: 929756.2/35

In: -5.530+/-0.015 χ^2/NDF:763470.6/26

Out: -5.205+/-0.016 χ^2/NDF:1131501.1/29

All: -5.375+/-0.011 χ^2/NDF: 1895186.2/56

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: -23.087+/-0.081 χ^2/NDF:50366.3/10

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

Left In: -18.468+/-0.068 χ^2/NDF:36519.0/9

Left: -20.379+/-0.052 χ^2/NDF: 88795.4/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.468+/-0.068 χ^2/NDF:36519.0/9

Out: -23.087+/-0.081 χ^2/NDF:50366.3/10

All: -20.379+/-0.052 χ^2/NDF: 88795.4/20

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: 1.363+/-0.058 χ^2/NDF:1659.9/10

Right Out: 1.123+/-0.058 χ^2/NDF: 946.5/18

Left In: 1.310+/-0.047 χ^2/NDF:1408.9/9

Left: 1.332+/-0.037 χ^2/NDF: 3069.3/20

Right: 1.300+/-0.042 χ^2/NDF: 1674.8/35

In: 1.380+/-0.037 χ^2/NDF:2123.5/26

Out: 1.244+/-0.041 χ^2/NDF:2614.9/29

All: 1.318+/-0.028 χ^2/NDF: 4744.4/56

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: 22.864+/-0.080 χ^2/NDF:45476.2/10

Right Out: -2.520+/-0.099 χ^2/NDF: 903.3/18

Left In: 17.539+/-0.065 χ^2/NDF:34283.9/9

Left: 19.677+/-0.051 χ^2/NDF: 82416.6/20

Right: -2.378+/-0.074 χ^2/NDF: 1368.9/35

In: 12.418+/-0.056 χ^2/NDF:58340.9/26

Out: 12.842+/-0.062 χ^2/NDF:86204.5/29

All: 12.609+/-0.042 χ^2/NDF: 144570.8/56

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: -2.093+/-0.069 χ^2/NDF:1765.6/10

Right Out: -1.617+/-0.066 χ^2/NDF: 1487.5/18

Left In: -2.065+/-0.055 χ^2/NDF:1576.7/9

Left: -2.076+/-0.043 χ^2/NDF: 3342.4/20

Right: -1.681+/-0.048 χ^2/NDF: 2834.6/35

In: -1.945+/-0.044 χ^2/NDF:2933.8/26

Out: -1.843+/-0.048 χ^2/NDF:3278.0/29

All: -1.899+/-0.032 χ^2/NDF: 6214.4/56

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: 0.150+/-0.003 χ^2/NDF:3499.0/10

Right Out: 0.216+/-0.004 χ^2/NDF: 1067.3/18

Left In: 0.079+/-0.002 χ^2/NDF:1933.4/9

Left: 0.106+/-0.002 χ^2/NDF: 5766.0/20

Right: 0.210+/-0.003 χ^2/NDF: 1750.0/35

In: 0.110+/-0.002 χ^2/NDF:3288.6/26

Out: 0.177+/-0.002 χ^2/NDF:4759.5/29

All: 0.139+/-0.002 χ^2/NDF: 8503.0/56

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: -22.978+/-0.080 χ^2/NDF:50256.8/10

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

Left In: -18.385+/-0.068 χ^2/NDF:36445.2/9

Left: -20.286+/-0.052 χ^2/NDF: 88613.9/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.385+/-0.068 χ^2/NDF:36445.2/9

Out: -22.978+/-0.080 χ^2/NDF:50256.8/10

All: -20.286+/-0.052 χ^2/NDF: 88613.9/20

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: 1.323+/-0.058 χ^2/NDF:1664.6/10

Right Out: 1.092+/-0.058 χ^2/NDF: 952.1/18

Left In: 1.266+/-0.047 χ^2/NDF:1420.8/9

Left: 1.289+/-0.036 χ^2/NDF: 3085.9/20

Right: 1.272+/-0.042 χ^2/NDF: 1680.2/35

In: 1.342+/-0.037 χ^2/NDF:2135.7/26

Out: 1.208+/-0.041 χ^2/NDF:2624.7/29

All: 1.281+/-0.028 χ^2/NDF: 4766.2/56

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: 22.749+/-0.079 χ^2/NDF:45392.2/10

Right Out: -2.294+/-0.098 χ^2/NDF: 906.6/18

Left In: 17.459+/-0.065 χ^2/NDF:34220.7/9

Left: 19.583+/-0.050 χ^2/NDF: 82267.9/20

Right: -2.153+/-0.073 χ^2/NDF: 1375.0/35

In: 12.425+/-0.056 χ^2/NDF:57800.3/26

Out: 12.873+/-0.062 χ^2/NDF:85506.2/29

All: 12.627+/-0.042 χ^2/NDF: 143335.4/56

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: -2.041+/-0.069 χ^2/NDF:1771.4/10

Right Out: -1.584+/-0.065 χ^2/NDF: 1492.8/18

Left In: -2.010+/-0.055 χ^2/NDF:1592.4/9

Left: -2.022+/-0.043 χ^2/NDF: 3363.9/20

Right: -1.650+/-0.048 χ^2/NDF: 2836.5/35

In: -1.901+/-0.043 χ^2/NDF:2944.1/26

Out: -1.802+/-0.047 χ^2/NDF:3287.5/29

All: -1.856+/-0.032 χ^2/NDF: 6233.9/56

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: 0.149+/-0.003 χ^2/NDF:3489.1/10

Right Out: 0.213+/-0.004 χ^2/NDF: 1050.9/18

Left In: 0.079+/-0.002 χ^2/NDF:1933.1/9

Left: 0.105+/-0.002 χ^2/NDF: 5755.5/20

Right: 0.207+/-0.003 χ^2/NDF: 1719.2/35

In: 0.109+/-0.002 χ^2/NDF:3246.9/26

Out: 0.175+/-0.002 χ^2/NDF:4721.8/29

All: 0.138+/-0.002 χ^2/NDF: 8420.1/56

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: -23.102+/-0.081 χ^2/NDF:50367.2/10

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

Left In: -18.467+/-0.068 χ^2/NDF:36525.5/9

Left: -20.383+/-0.052 χ^2/NDF: 88823.9/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.467+/-0.068 χ^2/NDF:36525.5/9

Out: -23.102+/-0.081 χ^2/NDF:50367.2/10

All: -20.383+/-0.052 χ^2/NDF: 88823.9/20

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: 1.269+/-0.058 χ^2/NDF:1672.2/10

Right Out: 1.052+/-0.058 χ^2/NDF: 963.3/18

Left In: 1.213+/-0.047 χ^2/NDF:1418.1/9

Left: 1.235+/-0.037 χ^2/NDF: 3090.8/20

Right: 1.223+/-0.042 χ^2/NDF: 1695.5/35

In: 1.288+/-0.037 χ^2/NDF:2138.6/26

Out: 1.161+/-0.041 χ^2/NDF:2642.5/29

All: 1.230+/-0.028 χ^2/NDF: 4786.4/56

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: 22.840+/-0.080 χ^2/NDF:45482.7/10

Right Out: -2.336+/-0.099 χ^2/NDF: 901.2/18

Left In: 17.499+/-0.065 χ^2/NDF:34312.0/9

Left: 19.641+/-0.051 χ^2/NDF: 82478.6/20

Right: -2.190+/-0.074 χ^2/NDF: 1369.4/35

In: 12.460+/-0.056 χ^2/NDF:57833.5/26

Out: 12.917+/-0.062 χ^2/NDF:85634.7/29

All: 12.666+/-0.042 χ^2/NDF: 143497.9/56

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: -2.004+/-0.069 χ^2/NDF:1780.3/10

Right Out: -1.563+/-0.066 χ^2/NDF: 1504.7/18

Left In: -1.972+/-0.055 χ^2/NDF:1590.8/9

Left: -1.985+/-0.043 χ^2/NDF: 3371.2/20

Right: -1.619+/-0.048 χ^2/NDF: 2854.1/35

In: -1.861+/-0.043 χ^2/NDF:2949.1/26

Out: -1.773+/-0.048 χ^2/NDF:3306.5/29

All: -1.821+/-0.032 χ^2/NDF: 6257.5/56

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: 0.148+/-0.003 χ^2/NDF:3483.6/10

Right Out: 0.214+/-0.004 χ^2/NDF: 1083.1/18

Left In: 0.079+/-0.002 χ^2/NDF:1929.0/9

Left: 0.105+/-0.002 χ^2/NDF: 5737.1/20

Right: 0.208+/-0.003 χ^2/NDF: 1779.7/35

In: 0.109+/-0.002 χ^2/NDF:3279.0/26

Out: 0.175+/-0.002 χ^2/NDF:4754.1/29

All: 0.138+/-0.002 χ^2/NDF: 8476.4/56

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: -23.428+/-0.082 χ^2/NDF:50222.6/10

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

Left In: -19.033+/-0.069 χ^2/NDF:35482.1/9

Left: -20.870+/-0.053 χ^2/NDF: 87379.9/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -19.033+/-0.069 χ^2/NDF:35482.1/9

Out: -23.428+/-0.082 χ^2/NDF:50222.6/10

All: -20.870+/-0.053 χ^2/NDF: 87379.9/20

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: 1.320+/-0.059 χ^2/NDF:1721.1/10

Right Out: 1.104+/-0.059 χ^2/NDF: 936.5/18

Left In: 1.341+/-0.048 χ^2/NDF:1411.0/9

Left: 1.333+/-0.037 χ^2/NDF: 3132.2/20

Right: 1.259+/-0.043 χ^2/NDF: 1662.3/35

In: 1.374+/-0.038 χ^2/NDF:2123.7/26

Out: 1.213+/-0.042 χ^2/NDF:2664.3/29

All: 1.301+/-0.028 χ^2/NDF: 4796.1/56

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: 23.187+/-0.081 χ^2/NDF:45263.0/10

Right Out: -2.278+/-0.101 χ^2/NDF: 918.6/18

Left In: 18.073+/-0.067 χ^2/NDF:33173.5/9

Left: 20.147+/-0.052 χ^2/NDF: 80809.2/20

Right: -2.196+/-0.075 χ^2/NDF: 1406.6/35

In: 12.813+/-0.057 χ^2/NDF:57374.8/26

Out: 13.229+/-0.063 χ^2/NDF:84884.8/29

All: 13.002+/-0.043 χ^2/NDF: 142283.3/56

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: -2.074+/-0.070 χ^2/NDF:1836.6/10

Right Out: -1.624+/-0.067 χ^2/NDF: 1467.3/18

Left In: -2.152+/-0.057 χ^2/NDF:1584.6/9

Left: -2.121+/-0.044 χ^2/NDF: 3421.9/20

Right: -1.658+/-0.049 χ^2/NDF: 2801.2/35

In: -1.976+/-0.044 χ^2/NDF:2942.9/26

Out: -1.840+/-0.048 χ^2/NDF:3325.5/29

All: -1.914+/-0.033 χ^2/NDF: 6272.7/56

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: 0.153+/-0.003 χ^2/NDF:3543.0/10

Right Out: 0.211+/-0.004 χ^2/NDF: 1145.7/18

Left In: 0.081+/-0.002 χ^2/NDF:1978.6/9

Left: 0.108+/-0.002 χ^2/NDF: 5854.9/20

Right: 0.209+/-0.003 χ^2/NDF: 1802.5/35

In: 0.113+/-0.002 χ^2/NDF:3313.2/26

Out: 0.176+/-0.002 χ^2/NDF:4834.1/29

All: 0.140+/-0.002 χ^2/NDF: 8547.7/56

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: -23.790+/-0.083 χ^2/NDF:49517.5/10

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

Left In: -19.313+/-0.071 χ^2/NDF:35765.2/9

Left: -21.193+/-0.054 χ^2/NDF: 86968.1/20

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -19.313+/-0.071 χ^2/NDF:35765.2/9

Out: -23.790+/-0.083 χ^2/NDF:49517.5/10

All: -21.193+/-0.054 χ^2/NDF: 86968.1/20

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: 1.404+/-0.059 χ^2/NDF:1626.5/10

Right Out: 1.160+/-0.060 χ^2/NDF: 917.0/18

Left In: 1.336+/-0.049 χ^2/NDF:1374.1/9

Left: 1.364+/-0.038 χ^2/NDF: 3001.4/20

Right: 1.329+/-0.043 χ^2/NDF: 1603.3/35

In: 1.404+/-0.039 χ^2/NDF:2048.7/26

Out: 1.284+/-0.042 χ^2/NDF:2551.9/29

All: 1.349+/-0.029 χ^2/NDF: 4605.0/56

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: 23.540+/-0.082 χ^2/NDF:44732.9/10

Right Out: -2.624+/-0.103 χ^2/NDF: 840.4/18

Left In: 18.370+/-0.068 χ^2/NDF:33469.0/9

Left: 20.480+/-0.052 χ^2/NDF: 80555.3/20

Right: -2.501+/-0.077 χ^2/NDF: 1283.3/35

In: 12.944+/-0.058 χ^2/NDF:58164.2/26

Out: 13.420+/-0.064 χ^2/NDF:84963.7/29

All: 13.160+/-0.043 χ^2/NDF: 143158.0/56

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: -2.149+/-0.071 χ^2/NDF:1724.1/10

Right Out: -1.679+/-0.068 χ^2/NDF: 1429.6/18

Left In: -2.106+/-0.058 χ^2/NDF:1547.8/9

Left: -2.123+/-0.045 χ^2/NDF: 3272.2/20

Right: -1.726+/-0.050 χ^2/NDF: 2702.6/35

In: -1.979+/-0.045 χ^2/NDF:2832.4/26

Out: -1.905+/-0.049 χ^2/NDF:3176.7/29

All: -1.945+/-0.033 χ^2/NDF: 6010.3/56

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: 0.155+/-0.003 χ^2/NDF:3538.4/10

Right Out: 0.223+/-0.004 χ^2/NDF: 1042.2/18

Left In: 0.088+/-0.002 χ^2/NDF:1889.3/9

Left: 0.114+/-0.002 χ^2/NDF: 5704.7/20

Right: 0.215+/-0.003 χ^2/NDF: 1702.9/35

In: 0.118+/-0.002 χ^2/NDF:3109.1/26

Out: 0.182+/-0.002 χ^2/NDF:4769.4/29

All: 0.146+/-0.002 χ^2/NDF: 8267.9/56