dit_asym_us_avg_mean vs Slug, Sign Corrected

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

Left Out: 1977.118+/-534.685 χ^2/NDF:3.7/3

Right Out: 1999.038+/-307.507 χ^2/NDF: 13.3/18

Left In: 2286.247+/-543.084 χ^2/NDF:1.7/2

2170.844+/-271.174 χ^2/NDF: 15.2/19

2119.125+/-190.469 χ^2/NDF: 30.5/41

2068.765+/-267.589 χ^2/NDF: 15.2/21

dit_asym_us_avg_rms vs Slug, Sign Corrected

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

Left Out: 875.119+/-0.378 χ^2/NDF:6043.3/3

Right Out: 815.340+/-0.217 χ^2/NDF: 20207.4/18

Left In: 857.745+/-0.384 χ^2/NDF:1413.2/2

829.737+/-0.192 χ^2/NDF: 67482.8/19

827.658+/-0.135 χ^2/NDF: 98568.5/41

825.635+/-0.189 χ^2/NDF: 30853.9/21

asym_us_avg_correction_mean vs Slug, Sign Corrected

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

Left Out: 2168.016+/-954.935 χ^2/NDF:2.7/3

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

Left In: -5.599+/-1012.003 χ^2/NDF:1.4/2

2168.016+/-954.935 χ^2/NDF: 2.7/3

1144.219+/-694.540 χ^2/NDF: 6.5/6

-5.599+/-1012.003 χ^2/NDF: 1.4/2

asym_us_avg_correction_rms vs Slug, Sign Corrected

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

Left Out: 1510.923+/-0.675 χ^2/NDF:35770.7/3

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

Left In: 1585.502+/-0.716 χ^2/NDF:27602.4/2

1510.923+/-0.675 χ^2/NDF: 35770.7/3

1546.050+/-0.491 χ^2/NDF: 69118.9/6

1585.502+/-0.716 χ^2/NDF: 27602.4/2

asym_us_avg_mean vs Slug, Sign Corrected

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

Left Out: -310.969+/-1050.638 χ^2/NDF:0.5/3

Right Out: 2394.856+/-567.856 χ^2/NDF: 16.4/18

Left In: 2239.398+/-1120.481 χ^2/NDF:0.2/2

2066.284+/-496.203 χ^2/NDF: 20.7/19

2211.632+/-354.460 χ^2/NDF: 37.4/41

2363.088+/-506.521 χ^2/NDF: 16.6/21

asym_us_avg_rms vs Slug, Sign Corrected

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

Left Out: 1726.529+/-0.743 χ^2/NDF:22966.6/3

Right Out: 1489.967+/-0.402 χ^2/NDF: 260293.3/18

Left In: 1762.141+/-0.792 χ^2/NDF:16092.7/2

1503.393+/-0.351 χ^2/NDF: 416938.4/19

1524.056+/-0.251 χ^2/NDF: 794299.8/41

1545.587+/-0.358 χ^2/NDF: 370279.4/21

dit_asym_us_dd_mean vs Slug, Sign Corrected

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

Left Out: 161.904+/-499.570 χ^2/NDF:2.1/3

Right Out: 83.274+/-297.589 χ^2/NDF: 13.1/18

Left In: -94.268+/-517.553 χ^2/NDF:5.8/2

-237.430+/-265.346 χ^2/NDF: 10.4/19

-95.244+/-184.970 χ^2/NDF: 29.9/41

39.161+/-257.983 χ^2/NDF: 19.0/21

dit_asym_us_dd_rms vs Slug, Sign Corrected

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

Left Out: 825.099+/-0.353 χ^2/NDF:1570.6/3

Right Out: 790.081+/-0.210 χ^2/NDF: 11517.0/18

Left In: 818.299+/-0.366 χ^2/NDF:203.6/2

806.749+/-0.188 χ^2/NDF: 396515.7/19

801.785+/-0.131 χ^2/NDF: 414065.8/41

797.092+/-0.182 χ^2/NDF: 16188.5/21

asym_us_dd_correction_mean vs Slug, Sign Corrected

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

Left Out: 630.757+/-1161.488 χ^2/NDF:1.7/3

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

Left In: -2464.477+/-1237.968 χ^2/NDF:1.9/2

630.757+/-1161.488 χ^2/NDF: 1.7/3

-818.304+/-847.044 χ^2/NDF: 6.9/6

-2464.477+/-1237.968 χ^2/NDF: 1.9/2

asym_us_dd_correction_rms vs Slug, Sign Corrected

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

Left Out: 1912.657+/-0.821 χ^2/NDF:14592.2/3

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

Left In: 1951.199+/-0.875 χ^2/NDF:10410.6/2

1912.657+/-0.821 χ^2/NDF: 14592.2/3

1930.701+/-0.599 χ^2/NDF: 26033.8/6

1951.199+/-0.875 χ^2/NDF: 10410.6/2

asym_us_dd_mean vs Slug, Sign Corrected

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

Left Out: 126.286+/-580.923 χ^2/NDF:0.4/3

Right Out: -487.483+/-425.566 χ^2/NDF: 8.9/18

Left In: -342.649+/-611.854 χ^2/NDF:5.3/2

-74.357+/-346.393 χ^2/NDF: 17.2/19

-255.745+/-245.982 χ^2/NDF: 32.0/41

-440.261+/-349.369 χ^2/NDF: 14.2/21

asym_us_dd_rms vs Slug, Sign Corrected

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

Left Out: 959.616+/-0.411 χ^2/NDF:3596.2/3

Right Out: 1112.978+/-0.301 χ^2/NDF: 362995.5/18

Left In: 966.451+/-0.433 χ^2/NDF:8565.5/2

1053.460+/-0.245 χ^2/NDF: 339950.4/19

1059.282+/-0.174 χ^2/NDF: 789956.1/41

1065.204+/-0.247 χ^2/NDF: 448866.1/21

dit_asym_usl_mean vs Slug, Sign Corrected

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

Left Out: 2067.688+/-732.056 χ^2/NDF:1.5/3

Right Out: 2100.301+/-426.507 χ^2/NDF: 13.1/18

Left In: 2149.425+/-750.635 χ^2/NDF:6.3/2

1879.648+/-378.468 χ^2/NDF: 8.0/19

1998.341+/-264.875 χ^2/NDF: 27.7/41

2112.290+/-370.828 χ^2/NDF: 19.5/21

dit_asym_usl_rms vs Slug, Sign Corrected

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

Left Out: 1201.173+/-0.518 χ^2/NDF:8241.5/3

Right Out: 1131.409+/-0.302 χ^2/NDF: 20027.2/18

Left In: 1185.883+/-0.531 χ^2/NDF:988.7/2

1150.543+/-0.268 χ^2/NDF: 337324.0/19

1147.564+/-0.187 χ^2/NDF: 366545.4/41

1144.703+/-0.262 χ^2/NDF: 28978.5/21

asym_usl_correction_mean vs Slug, Sign Corrected

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

Left Out: 2117.080+/-1028.921 χ^2/NDF:3.8/3

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

Left In: 326.373+/-1092.141 χ^2/NDF:0.7/2

2117.080+/-1028.921 χ^2/NDF: 3.8/3

1275.052+/-748.910 χ^2/NDF: 6.0/6

326.373+/-1092.141 χ^2/NDF: 0.7/2

asym_usl_correction_rms vs Slug, Sign Corrected

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

Left Out: 1625.139+/-0.728 χ^2/NDF:59954.9/3

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

Left In: 1710.081+/-0.772 χ^2/NDF:33926.4/2

1625.139+/-0.728 χ^2/NDF: 59954.9/3

1665.080+/-0.530 χ^2/NDF: 100290.5/6

1710.081+/-0.772 χ^2/NDF: 33926.4/2

asym_usl_mean vs Slug, Sign Corrected

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

Left Out: -85.580+/-1233.835 χ^2/NDF:0.5/3

Right Out: 1881.026+/-581.611 χ^2/NDF: 22.8/18

Left In: 1618.551+/-1304.667 χ^2/NDF:0.5/2

1988.517+/-528.083 χ^2/NDF: 14.7/19

1913.461+/-374.514 χ^2/NDF: 38.0/41

1837.512+/-531.216 χ^2/NDF: 23.2/21

asym_usl_rms vs Slug, Sign Corrected

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

Left Out: 2028.432+/-0.872 χ^2/NDF:29447.2/3

Right Out: 1516.667+/-0.411 χ^2/NDF: 481102.8/18

Left In: 2052.242+/-0.923 χ^2/NDF:16456.1/2

1595.563+/-0.373 χ^2/NDF: 589627.6/19

1600.481+/-0.265 χ^2/NDF: 1368693.2/41

1605.457+/-0.376 χ^2/NDF: 778716.6/21

dit_asym_usr_mean vs Slug, Sign Corrected

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

Left Out: 2115.025+/-658.341 χ^2/NDF:4.9/4

Right Out: 1992.471+/-425.603 χ^2/NDF: 14.3/19

Left In: 2401.092+/-750.307 χ^2/NDF:1.1/2

2432.530+/-373.296 χ^2/NDF: 17.5/21

2260.815+/-262.856 χ^2/NDF: 33.5/44

2091.942+/-370.193 χ^2/NDF: 15.6/22

dit_asym_usr_rms vs Slug, Sign Corrected

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

Left Out: 1208.270+/-0.466 χ^2/NDF:3341.0/4

Right Out: 1141.111+/-0.301 χ^2/NDF: 12979.5/19

Left In: 1185.917+/-0.531 χ^2/NDF:580.1/2

1179.011+/-0.264 χ^2/NDF: 287733.4/21

1165.402+/-0.186 χ^2/NDF: 311961.5/44

1152.018+/-0.262 χ^2/NDF: 18955.6/22

asym_usr_correction_mean vs Slug, Sign Corrected

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

Left Out: 2121.250+/-863.799 χ^2/NDF:2.4/4

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

Left In: -169.821+/-1029.692 χ^2/NDF:2.5/2

2121.250+/-863.799 χ^2/NDF: 2.4/4

1174.912+/-661.776 χ^2/NDF: 7.8/7

-169.821+/-1029.692 χ^2/NDF: 2.5/2

asym_usr_correction_rms vs Slug, Sign Corrected

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

Left Out: 1538.824+/-0.611 χ^2/NDF:17276.8/4

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

Left In: 1612.257+/-0.728 χ^2/NDF:34950.2/2

1538.824+/-0.611 χ^2/NDF: 17276.8/4

1569.156+/-0.468 χ^2/NDF: 58197.2/7

1612.257+/-0.728 χ^2/NDF: 34950.2/2

asym_usr_mean vs Slug, Sign Corrected

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

Left Out: -108.382+/-1041.502 χ^2/NDF:1.2/4

Right Out: 2904.708+/-793.782 χ^2/NDF: 12.0/19

Left In: 2686.370+/-1249.479 χ^2/NDF:2.6/2

1894.455+/-633.311 χ^2/NDF: 25.6/21

2341.533+/-460.245 χ^2/NDF: 41.3/44

2841.926+/-670.009 χ^2/NDF: 14.6/22

asym_usr_rms vs Slug, Sign Corrected

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

Left Out: 1914.059+/-0.736 χ^2/NDF:10181.3/4

Right Out: 2108.696+/-0.561 χ^2/NDF: 198858.0/19

Left In: 1969.029+/-0.884 χ^2/NDF:14372.8/2

1993.706+/-0.448 χ^2/NDF: 360079.4/21

2029.016+/-0.325 χ^2/NDF: 604289.9/44

2068.536+/-0.474 χ^2/NDF: 231035.1/22

dit_asym_at1_avg_mean vs Slug, Sign Corrected

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

Left Out: 3288.506+/-1064.326 χ^2/NDF:0.9/4

Right Out: 1704.595+/-780.689 χ^2/NDF: 17.2/19

Left In: 3610.917+/-1204.962 χ^2/NDF:0.8/2

2669.833+/-640.228 χ^2/NDF: 16.2/21

2473.664+/-457.909 χ^2/NDF: 36.2/44

2268.217+/-655.193 χ^2/NDF: 19.8/22

dit_asym_at1_avg_rms vs Slug, Sign Corrected

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

Left Out: 1950.292+/-0.753 χ^2/NDF:10357.8/4

Right Out: 2033.835+/-0.552 χ^2/NDF: 611080.3/19

Left In: 1899.999+/-0.852 χ^2/NDF:560.4/2

1984.918+/-0.453 χ^2/NDF: 929688.2/21

1989.483+/-0.324 χ^2/NDF: 1558915.7/44

1994.265+/-0.463 χ^2/NDF: 629019.3/22

asym_at1_avg_correction_mean vs Slug, Sign Corrected

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

Left Out: 442.377+/-530.583 χ^2/NDF:8.2/4

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

Left In: -221.250+/-746.380 χ^2/NDF:1.3/2

442.377+/-530.583 χ^2/NDF: 8.2/4

219.597+/-432.450 χ^2/NDF: 10.0/7

-221.250+/-746.380 χ^2/NDF: 1.3/2

asym_at1_avg_correction_rms vs Slug, Sign Corrected

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

Left Out: 909.717+/-0.375 χ^2/NDF:385618.1/4

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

Left In: 1157.692+/-0.528 χ^2/NDF:117748.6/2

909.717+/-0.375 χ^2/NDF: 385618.1/4

992.962+/-0.306 χ^2/NDF: 650019.1/7

1157.692+/-0.528 χ^2/NDF: 117748.6/2

asym_at1_avg_mean vs Slug, Sign Corrected

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

Left Out: 2042.169+/-1218.822 χ^2/NDF:2.1/4

Right Out: 1754.395+/-850.779 χ^2/NDF: 20.6/19

Left In: 3689.094+/-1424.565 χ^2/NDF:0.5/2

2393.478+/-700.548 χ^2/NDF: 17.8/21

2330.978+/-505.596 χ^2/NDF: 40.2/44

2263.031+/-730.431 χ^2/NDF: 22.4/22

asym_at1_avg_rms vs Slug, Sign Corrected

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

Left Out: 2231.833+/-0.862 χ^2/NDF:16744.4/4

Right Out: 2199.736+/-0.602 χ^2/NDF: 803097.4/19

Left In: 2241.789+/-1.007 χ^2/NDF:14358.2/2

2182.491+/-0.495 χ^2/NDF: 735501.4/21

2196.051+/-0.358 χ^2/NDF: 1555805.5/44

2210.792+/-0.516 χ^2/NDF: 818740.2/22

dit_asym_at1_dd_mean vs Slug, Sign Corrected

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

Left Out: -22.112+/-1047.469 χ^2/NDF:4.0/4

Right Out: -1118.717+/-767.670 χ^2/NDF: 19.6/19

Left In: -1839.305+/-1193.325 χ^2/NDF:2.6/2

-19.692+/-636.485 χ^2/NDF: 19.9/21

-665.336+/-453.257 χ^2/NDF: 44.3/44

-1329.637+/-645.616 χ^2/NDF: 22.4/22

dit_asym_at1_dd_rms vs Slug, Sign Corrected

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

Left Out: 1921.130+/-0.741 χ^2/NDF:12121.0/4

Right Out: 2005.369+/-0.543 χ^2/NDF: 367662.8/19

Left In: 1882.014+/-0.844 χ^2/NDF:226.9/2

1977.358+/-0.450 χ^2/NDF: 861004.4/21

1973.368+/-0.321 χ^2/NDF: 1244169.1/44

1969.262+/-0.457 χ^2/NDF: 383005.2/22

asym_at1_dd_correction_mean vs Slug, Sign Corrected

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

Left Out: 153.108+/-261.541 χ^2/NDF:9.1/4

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

Left In: -67.703+/-287.026 χ^2/NDF:2.1/2

153.108+/-261.541 χ^2/NDF: 9.1/4

52.938+/-193.321 χ^2/NDF: 11.5/7

-67.703+/-287.026 χ^2/NDF: 2.1/2

asym_at1_dd_correction_rms vs Slug, Sign Corrected

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

Left Out: 457.800+/-0.185 χ^2/NDF:233533.4/4

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

Left In: 447.785+/-0.203 χ^2/NDF:69725.3/2

457.800+/-0.185 χ^2/NDF: 233533.4/4

453.257+/-0.137 χ^2/NDF: 304589.1/7

447.785+/-0.203 χ^2/NDF: 69725.3/2

asym_at1_dd_mean vs Slug, Sign Corrected

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

Left Out: -80.946+/-1080.283 χ^2/NDF:5.6/4

Right Out: -1099.895+/-864.581 χ^2/NDF: 16.9/19

Left In: -1725.476+/-1228.578 χ^2/NDF:1.5/2

-310.855+/-675.288 χ^2/NDF: 23.7/21

-786.092+/-488.344 χ^2/NDF: 43.3/44

-1307.091+/-707.053 χ^2/NDF: 18.6/22

asym_at1_dd_rms vs Slug, Sign Corrected

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

Left Out: 1980.727+/-0.764 χ^2/NDF:18701.7/4

Right Out: 2228.976+/-0.611 χ^2/NDF: 895866.5/19

Left In: 1937.735+/-0.869 χ^2/NDF:328.8/2

2098.191+/-0.478 χ^2/NDF: 862874.5/21

2114.565+/-0.345 χ^2/NDF: 1836701.2/44

2132.516+/-0.500 χ^2/NDF: 971361.7/22

dit_asym_at2_avg_mean vs Slug, Sign Corrected

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

Left Out: 2580.075+/-1546.929 χ^2/NDF:9.3/4

Right Out: 1883.997+/-734.348 χ^2/NDF: 23.6/19

Left In: 4334.064+/-1584.207 χ^2/NDF:0.4/2

2513.124+/-688.101 χ^2/NDF: 15.2/21

2412.072+/-478.648 χ^2/NDF: 41.1/44

2317.336+/-666.249 χ^2/NDF: 25.9/22

dit_asym_at2_avg_rms vs Slug, Sign Corrected

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

Left Out: 2773.751+/-1.094 χ^2/NDF:132575.6/4

Right Out: 1885.498+/-0.519 χ^2/NDF: 752093.1/19

Left In: 2493.283+/-1.120 χ^2/NDF:10813.9/2

2100.479+/-0.487 χ^2/NDF: 1243800.0/21

2044.979+/-0.338 χ^2/NDF: 2274239.9/44

1992.964+/-0.471 χ^2/NDF: 1005234.8/22

asym_at2_avg_correction_mean vs Slug, Sign Corrected

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

Left Out: 6784.676+/-3876.367 χ^2/NDF:4.9/4

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

Left In: 489.627+/-6080.745 χ^2/NDF:1.4/2

6784.676+/-3876.367 χ^2/NDF: 4.9/4

4965.682+/-3268.684 χ^2/NDF: 7.0/7

489.627+/-6080.745 χ^2/NDF: 1.4/2

asym_at2_avg_correction_rms vs Slug, Sign Corrected

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

Left Out: 6457.831+/-2.741 χ^2/NDF:819634.4/4

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

Left In: 9524.971+/-4.300 χ^2/NDF:26876.2/2

6457.831+/-2.741 χ^2/NDF: 819634.4/4

7344.101+/-2.311 χ^2/NDF: 1208319.8/7

9524.971+/-4.300 χ^2/NDF: 26876.2/2

asym_at2_avg_mean vs Slug, Sign Corrected

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

Left Out: -5461.438+/-4418.802 χ^2/NDF:4.5/4

Right Out: 4126.409+/-2785.746 χ^2/NDF: 16.5/19

Left In: 3713.410+/-6087.688 χ^2/NDF:1.5/2

1945.790+/-2451.281 χ^2/NDF: 23.0/21

2965.724+/-1761.541 χ^2/NDF: 41.4/44

4054.901+/-2533.124 χ^2/NDF: 18.0/22

asym_at2_avg_rms vs Slug, Sign Corrected

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

Left Out: 7903.458+/-3.125 χ^2/NDF:338357.1/4

Right Out: 7200.943+/-1.970 χ^2/NDF: 565668.0/19

Left In: 9563.495+/-4.305 χ^2/NDF:28508.4/2

7612.929+/-1.733 χ^2/NDF: 782652.1/21

7611.473+/-1.246 χ^2/NDF: 1625908.8/44

7609.919+/-1.791 χ^2/NDF: 843255.2/22

dit_asym_at2_dd_mean vs Slug, Sign Corrected

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

Left Out: 2044.670+/-1215.102 χ^2/NDF:6.5/4

Right Out: 2.535+/-637.715 χ^2/NDF: 15.5/19

Left In: -103.036+/-1298.335 χ^2/NDF:4.8/2

-367.056+/-592.842 χ^2/NDF: 23.9/21

-186.397+/-411.783 χ^2/NDF: 44.4/44

-17.984+/-572.395 χ^2/NDF: 20.3/22

dit_asym_at2_dd_rms vs Slug, Sign Corrected

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

Left Out: 2185.660+/-0.859 χ^2/NDF:293482.3/4

Right Out: 1652.015+/-0.451 χ^2/NDF: 588905.2/19

Left In: 2048.871+/-0.918 χ^2/NDF:9464.6/2

1816.584+/-0.419 χ^2/NDF: 1314362.1/21

1771.333+/-0.291 χ^2/NDF: 2085789.7/44

1729.150+/-0.405 χ^2/NDF: 748913.0/22

asym_at2_dd_correction_mean vs Slug, Sign Corrected

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

Left Out: 3344.277+/-2511.367 χ^2/NDF:5.5/4

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

Left In: -586.457+/-2680.979 χ^2/NDF:4.4/2

3344.277+/-2511.367 χ^2/NDF: 5.5/4

1507.173+/-1832.835 χ^2/NDF: 11.1/7

-586.457+/-2680.979 χ^2/NDF: 4.4/2

asym_at2_dd_correction_rms vs Slug, Sign Corrected

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

Left Out: 4503.583+/-1.776 χ^2/NDF:335096.0/4

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

Left In: 4231.315+/-1.896 χ^2/NDF:7717.6/2

4503.583+/-1.776 χ^2/NDF: 335096.0/4

4376.333+/-1.296 χ^2/NDF: 353800.2/7

4231.315+/-1.896 χ^2/NDF: 7717.6/2

asym_at2_dd_mean vs Slug, Sign Corrected

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

Left Out: -1299.499+/-1367.804 χ^2/NDF:4.7/4

Right Out: 1299.511+/-922.689 χ^2/NDF: 10.0/19

Left In: 455.735+/-1461.382 χ^2/NDF:3.7/2

174.351+/-786.828 χ^2/NDF: 28.0/21

620.430+/-554.011 χ^2/NDF: 42.6/44

1059.017+/-780.193 χ^2/NDF: 13.9/22

asym_at2_dd_rms vs Slug, Sign Corrected

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

Left Out: 2435.968+/-0.967 χ^2/NDF:424904.7/4

Right Out: 2363.288+/-0.652 χ^2/NDF: 657229.5/19

Left In: 2306.655+/-1.033 χ^2/NDF:5894.1/2

2436.161+/-0.556 χ^2/NDF: 893457.1/21

2391.277+/-0.392 χ^2/NDF: 1571635.2/44

2347.146+/-0.552 χ^2/NDF: 665271.1/22

dit_asym_atl_avg_mean vs Slug, Sign Corrected

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

Left Out: 3656.169+/-1322.550 χ^2/NDF:5.2/4

Right Out: 1194.245+/-705.509 χ^2/NDF: 24.6/19

Left In: 3103.118+/-1369.683 χ^2/NDF:5.2/2

2188.192+/-614.811 χ^2/NDF: 19.2/21

1897.267+/-439.050 χ^2/NDF: 50.9/44

1594.505+/-627.195 χ^2/NDF: 31.3/22

dit_asym_atl_avg_rms vs Slug, Sign Corrected

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

Left Out: 2357.085+/-0.935 χ^2/NDF:245464.3/4

Right Out: 1834.449+/-0.498 χ^2/NDF: 550903.9/19

Left In: 2155.409+/-0.969 χ^2/NDF:8365.6/2

1878.712+/-0.435 χ^2/NDF: 1261743.7/21

1889.950+/-0.310 χ^2/NDF: 1909213.2/44

1901.623+/-0.443 χ^2/NDF: 646107.2/22

asym_atl_avg_correction_mean vs Slug, Sign Corrected

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

Left Out: -1176.585+/-802.536 χ^2/NDF:10.0/4

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

Left In: 172.288+/-3698.358 χ^2/NDF:1.3/2

-1176.585+/-802.536 χ^2/NDF: 10.0/4

-1115.925+/-784.283 χ^2/NDF: 11.4/7

172.288+/-3698.358 χ^2/NDF: 1.3/2

asym_atl_avg_correction_rms vs Slug, Sign Corrected

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

Left Out: 925.606+/-0.567 χ^2/NDF:3709354.4/4

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

Left In: 5800.454+/-2.615 χ^2/NDF:16476.4/2

925.606+/-0.567 χ^2/NDF: 3709354.4/4

1144.831+/-0.555 χ^2/NDF: 7044401.9/7

5800.454+/-2.615 χ^2/NDF: 16476.4/2

asym_atl_avg_mean vs Slug, Sign Corrected

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

Left Out: -1011.840+/-2919.228 χ^2/NDF:5.2/4

Right Out: 543.365+/-1284.166 χ^2/NDF: 27.1/19

Left In: 3379.508+/-3842.914 χ^2/NDF:0.2/2

1345.778+/-1188.567 χ^2/NDF: 21.0/21

1093.336+/-850.646 χ^2/NDF: 48.9/44

828.253+/-1217.963 χ^2/NDF: 27.8/22

asym_atl_avg_rms vs Slug, Sign Corrected

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

Left Out: 5275.996+/-2.064 χ^2/NDF:204869.2/4

Right Out: 3081.091+/-0.895 χ^2/NDF: 2021662.5/19

Left In: 6044.111+/-2.717 χ^2/NDF:14830.2/2

3470.360+/-0.840 χ^2/NDF: 3001070.8/21

3421.258+/-0.598 χ^2/NDF: 6117111.9/44

3371.030+/-0.850 χ^2/NDF: 3109136.1/22

dit_asym_atl_dd_mean vs Slug, Sign Corrected

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

Left Out: -860.454+/-1259.867 χ^2/NDF:12.5/4

Right Out: -736.496+/-681.690 χ^2/NDF: 25.8/19

Left In: -1418.178+/-1309.275 χ^2/NDF:1.0/2

-18.017+/-603.010 χ^2/NDF: 24.6/21

-448.781+/-426.968 χ^2/NDF: 52.6/44

-881.881+/-604.643 χ^2/NDF: 27.0/22

dit_asym_atl_dd_rms vs Slug, Sign Corrected

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

Left Out: 2247.683+/-0.891 χ^2/NDF:272314.4/4

Right Out: 1779.399+/-0.481 χ^2/NDF: 428716.4/19

Left In: 2062.579+/-0.926 χ^2/NDF:5732.4/2

1865.439+/-0.426 χ^2/NDF: 812025.0/21

1852.560+/-0.302 χ^2/NDF: 1321957.2/44

1839.644+/-0.427 χ^2/NDF: 508105.1/22

asym_atl_dd_correction_mean vs Slug, Sign Corrected

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

Left Out: -35.839+/-532.644 χ^2/NDF:8.3/4

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

Left In: -603.244+/-2873.175 χ^2/NDF:1.0/2

-35.839+/-532.644 χ^2/NDF: 8.3/4

-54.692+/-523.720 χ^2/NDF: 9.3/7

-603.244+/-2873.175 χ^2/NDF: 1.0/2

asym_atl_dd_correction_rms vs Slug, Sign Corrected

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

Left Out: 588.775+/-0.377 χ^2/NDF:3927166.2/4

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

Left In: 4494.848+/-2.032 χ^2/NDF:37756.0/2

588.775+/-0.377 χ^2/NDF: 3927166.2/4

718.557+/-0.370 χ^2/NDF: 7538569.5/7

4494.848+/-2.032 χ^2/NDF: 37756.0/2

asym_atl_dd_mean vs Slug, Sign Corrected

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

Left Out: 2940.329+/-2496.528 χ^2/NDF:3.3/4

Right Out: -1066.792+/-1188.366 χ^2/NDF: 15.6/19

Left In: -503.974+/-3087.552 χ^2/NDF:1.2/2

-24.552+/-1116.080 χ^2/NDF: 20.6/21

-512.425+/-786.692 χ^2/NDF: 37.7/44

-994.174+/-1109.054 χ^2/NDF: 16.8/22

asym_atl_dd_rms vs Slug, Sign Corrected

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

Left Out: 4563.026+/-1.765 χ^2/NDF:52883.0/4

Right Out: 3021.600+/-0.830 χ^2/NDF: 796828.0/19

Left In: 4852.283+/-2.183 χ^2/NDF:30783.6/2

3397.073+/-0.789 χ^2/NDF: 1557902.4/21

3323.656+/-0.553 χ^2/NDF: 3016880.8/44

3252.720+/-0.776 χ^2/NDF: 1441961.9/22

dit_asym_atr_avg_mean vs Slug, Sign Corrected

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

Left Out: 1824.145+/-1206.577 χ^2/NDF:2.3/4

Right Out: 2617.544+/-781.260 χ^2/NDF: 19.6/19

Left In: 4727.663+/-1349.828 χ^2/NDF:2.0/2

2628.777+/-664.085 χ^2/NDF: 12.8/21

2883.235+/-473.794 χ^2/NDF: 36.6/44

3147.040+/-676.171 χ^2/NDF: 23.5/22

dit_asym_atr_avg_rms vs Slug, Sign Corrected

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

Left Out: 2199.814+/-0.853 χ^2/NDF:5018.8/4

Right Out: 2025.957+/-0.552 χ^2/NDF: 597934.3/19

Left In: 2129.460+/-0.954 χ^2/NDF:4039.0/2

2069.553+/-0.470 χ^2/NDF: 656166.7/21

2060.891+/-0.335 χ^2/NDF: 1267642.7/44

2051.916+/-0.478 χ^2/NDF: 610783.2/22

asym_atr_avg_correction_mean vs Slug, Sign Corrected

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

Left Out: 5964.310+/-2660.485 χ^2/NDF:3.0/4

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

Left In: 80.726+/-3166.400 χ^2/NDF:1.5/2

5964.310+/-2660.485 χ^2/NDF: 3.0/4

3529.533+/-2036.922 χ^2/NDF: 6.4/7

80.726+/-3166.400 χ^2/NDF: 1.5/2

asym_atr_avg_correction_rms vs Slug, Sign Corrected

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

Left Out: 4742.368+/-1.881 χ^2/NDF:16696.8/4

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

Left In: 4959.066+/-2.239 χ^2/NDF:29732.7/2

4742.368+/-1.881 χ^2/NDF: 16696.8/4

4832.043+/-1.440 χ^2/NDF: 51920.3/7

4959.066+/-2.239 χ^2/NDF: 29732.7/2

asym_atr_avg_mean vs Slug, Sign Corrected

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

Left Out: -4409.436+/-2790.382 χ^2/NDF:2.6/4

Right Out: 4120.914+/-1722.725 χ^2/NDF: 16.0/19

Left In: 4560.175+/-3349.152 χ^2/NDF:3.0/2

1554.926+/-1546.412 χ^2/NDF: 23.3/21

2896.366+/-1088.326 χ^2/NDF: 43.7/44

4212.819+/-1531.942 χ^2/NDF: 19.0/22

asym_atr_avg_rms vs Slug, Sign Corrected

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

Left Out: 5117.687+/-1.973 χ^2/NDF:16835.6/4

Right Out: 4367.168+/-1.211 χ^2/NDF: 843201.8/19

Left In: 5266.402+/-2.368 χ^2/NDF:24628.8/2

4805.746+/-1.093 χ^2/NDF: 830767.8/21

4677.911+/-0.768 χ^2/NDF: 1839844.7/44

4553.599+/-1.078 χ^2/NDF: 982119.2/22

dit_asym_atr_dd_mean vs Slug, Sign Corrected

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

Left Out: 725.749+/-1156.292 χ^2/NDF:2.2/4

Right Out: 446.244+/-758.944 χ^2/NDF: 10.9/19

Left In: 856.089+/-1304.766 χ^2/NDF:0.5/2

-462.900+/-655.993 χ^2/NDF: 16.9/21

43.446+/-463.871 χ^2/NDF: 29.5/44

549.855+/-656.034 χ^2/NDF: 11.5/22

dit_asym_atr_dd_rms vs Slug, Sign Corrected

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

Left Out: 2113.575+/-0.818 χ^2/NDF:6255.1/4

Right Out: 1978.439+/-0.536 χ^2/NDF: 295463.2/19

Left In: 2059.569+/-0.923 χ^2/NDF:2850.8/2

2045.554+/-0.464 χ^2/NDF: 666509.8/21

2022.218+/-0.328 χ^2/NDF: 975662.8/44

1998.916+/-0.464 χ^2/NDF: 304094.9/22

asym_atr_dd_correction_mean vs Slug, Sign Corrected

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

Left Out: -4850.221+/-2040.610 χ^2/NDF:2.4/4

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

Left In: -182.291+/-2462.614 χ^2/NDF:1.9/2

-4850.221+/-2040.610 χ^2/NDF: 2.4/4

-2949.886+/-1571.264 χ^2/NDF: 6.4/7

-182.291+/-2462.614 χ^2/NDF: 1.9/2

asym_atr_dd_correction_rms vs Slug, Sign Corrected

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

Left Out: 3630.687+/-1.443 χ^2/NDF:25153.1/4

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

Left In: 3846.771+/-1.741 χ^2/NDF:48688.1/2

3630.687+/-1.443 χ^2/NDF: 25153.1/4

3718.656+/-1.111 χ^2/NDF: 82971.0/7

3846.771+/-1.741 χ^2/NDF: 48688.1/2

asym_atr_dd_mean vs Slug, Sign Corrected

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

Left Out: 5981.272+/-2250.414 χ^2/NDF:4.0/4

Right Out: -718.204+/-1687.386 χ^2/NDF: 12.2/19

Left In: 1005.224+/-2731.093 χ^2/NDF:2.6/2

825.996+/-1404.374 χ^2/NDF: 33.4/21

303.666+/-1003.866 χ^2/NDF: 48.8/44

-242.074+/-1435.499 χ^2/NDF: 15.1/22

asym_atr_dd_rms vs Slug, Sign Corrected

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

Left Out: 4124.534+/-1.591 χ^2/NDF:17622.1/4

Right Out: 4302.741+/-1.187 χ^2/NDF: 781804.7/19

Left In: 4293.197+/-1.931 χ^2/NDF:31248.5/2

4365.186+/-0.993 χ^2/NDF: 825308.0/21

4333.238+/-0.708 χ^2/NDF: 1640486.7/44

4300.125+/-1.011 χ^2/NDF: 813070.9/22

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: 2733.684+/-983.210 χ^2/NDF:5.9/4

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

Left In: 4075.712+/-1029.508 χ^2/NDF:0.4/2

2733.684+/-983.210 χ^2/NDF: 5.9/4

3373.844+/-711.039 χ^2/NDF: 7.3/7

4075.712+/-1029.508 χ^2/NDF: 0.4/2

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: 1772.008+/-0.695 χ^2/NDF:75095.4/4

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

Left In: 1619.995+/-0.728 χ^2/NDF:7671.3/2

1772.008+/-0.695 χ^2/NDF: 75095.4/4

1699.497+/-0.503 χ^2/NDF: 105571.6/7

1619.995+/-0.728 χ^2/NDF: 7671.3/2

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: 3434.093+/-2175.407 χ^2/NDF:5.4/4

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

Left In: 119.854+/-3432.299 χ^2/NDF:1.4/2

3434.093+/-2175.407 χ^2/NDF: 5.4/4

2484.283+/-1837.434 χ^2/NDF: 7.5/7

119.854+/-3432.299 χ^2/NDF: 1.4/2

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: 3618.216+/-1.538 χ^2/NDF:839718.5/4

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

Left In: 5380.252+/-2.427 χ^2/NDF:21504.0/2

3618.216+/-1.538 χ^2/NDF: 839718.5/4

4123.189+/-1.299 χ^2/NDF: 1237260.4/7

5380.252+/-2.427 χ^2/NDF: 21504.0/2

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: -2060.118+/-2524.422 χ^2/NDF:4.6/4

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

Left In: 4133.177+/-3477.103 χ^2/NDF:1.1/2

-2060.118+/-2524.422 χ^2/NDF: 4.6/4

77.571+/-2042.815 χ^2/NDF: 7.8/7

4133.177+/-3477.103 χ^2/NDF: 1.1/2

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: 4512.411+/-1.785 χ^2/NDF:351490.4/4

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

Left In: 5465.849+/-2.459 χ^2/NDF:21537.4/2

4512.411+/-1.785 χ^2/NDF: 351490.4/4

4841.502+/-1.444 χ^2/NDF: 471500.1/7

5465.849+/-2.459 χ^2/NDF: 21537.4/2

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: 1015.606+/-820.199 χ^2/NDF:1.0/4

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

Left In: -829.098+/-890.494 χ^2/NDF:7.0/2

1015.606+/-820.199 χ^2/NDF: 1.0/4

168.928+/-603.291 χ^2/NDF: 10.3/7

-829.098+/-890.494 χ^2/NDF: 7.0/2

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: 1487.057+/-0.580 χ^2/NDF:175546.7/4

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

Left In: 1404.501+/-0.630 χ^2/NDF:3699.3/2

1487.057+/-0.580 χ^2/NDF: 175546.7/4

1449.166+/-0.427 χ^2/NDF: 188546.0/7

1404.501+/-0.630 χ^2/NDF: 3699.3/2

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: 470.293+/-242.201 χ^2/NDF:4.9/4

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

Left In: 143.141+/-270.952 χ^2/NDF:0.7/2

470.293+/-242.201 χ^2/NDF: 4.9/4

324.989+/-180.575 χ^2/NDF: 6.4/7

143.141+/-270.952 χ^2/NDF: 0.7/2

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: 389.129+/-0.171 χ^2/NDF:1220362.9/4

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

Left In: 421.242+/-0.192 χ^2/NDF:104352.4/2

389.129+/-0.171 χ^2/NDF: 1220362.9/4

403.392+/-0.128 χ^2/NDF: 1340331.2/7

421.242+/-0.192 χ^2/NDF: 104352.4/2

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: 524.164+/-871.708 χ^2/NDF:0.5/4

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

Left In: -1014.943+/-933.271 χ^2/NDF:4.9/2

524.164+/-871.708 χ^2/NDF: 0.5/4

-192.955+/-637.044 χ^2/NDF: 6.8/7

-1014.943+/-933.271 χ^2/NDF: 4.9/2

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: 1558.017+/-0.616 χ^2/NDF:366047.8/4

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

Left In: 1471.571+/-0.660 χ^2/NDF:6292.1/2

1558.017+/-0.616 χ^2/NDF: 366047.8/4

1517.739+/-0.450 χ^2/NDF: 381504.2/7

1471.571+/-0.660 χ^2/NDF: 6292.1/2

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected

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

Left Out: -64.547+/-922.006 χ^2/NDF:6.4/4

Right Out: -160.745+/-538.513 χ^2/NDF: 20.7/19

Left In: -349.802+/-970.104 χ^2/NDF:1.1/2

-145.533+/-475.285 χ^2/NDF: 18.1/21

-175.687+/-334.492 χ^2/NDF: 39.9/44

-205.279+/-470.834 χ^2/NDF: 21.8/22

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: 1663.061+/-0.652 χ^2/NDF:102528.2/4

Right Out: 1397.574+/-0.381 χ^2/NDF: 353385.9/19

Left In: 1528.542+/-0.686 χ^2/NDF:4334.3/2

1471.892+/-0.336 χ^2/NDF: 745950.9/21

1449.931+/-0.236 χ^2/NDF: 1140000.6/44

1428.398+/-0.333 χ^2/NDF: 385593.1/22

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: -3378.316+/-1711.355 χ^2/NDF:4.2/4

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

Left In: -372.862+/-2641.272 χ^2/NDF:1.4/2

-3378.316+/-1711.355 χ^2/NDF: 4.2/4

-2489.660+/-1436.233 χ^2/NDF: 6.5/7

-372.862+/-2641.272 χ^2/NDF: 1.4/2

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: 2864.330+/-1.210 χ^2/NDF:761168.0/4

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

Left In: 4129.364+/-1.868 χ^2/NDF:41949.0/2

2864.330+/-1.210 χ^2/NDF: 761168.0/4

3238.376+/-1.016 χ^2/NDF: 1126247.3/7

4129.364+/-1.868 χ^2/NDF: 41949.0/2

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: 4044.424+/-2082.175 χ^2/NDF:3.1/4

Right Out: -946.322+/-1376.517 χ^2/NDF: 14.5/19

Left In: 361.372+/-2738.294 χ^2/NDF:2.0/2

401.387+/-1216.598 χ^2/NDF: 24.4/21

-134.692+/-864.918 χ^2/NDF: 41.5/44

-682.529+/-1229.867 χ^2/NDF: 16.7/22

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: 3766.995+/-1.472 χ^2/NDF:186382.3/4

Right Out: 3532.847+/-0.965 χ^2/NDF: 561950.7/19

Left In: 4299.373+/-1.936 χ^2/NDF:37979.5/2

3805.754+/-0.860 χ^2/NDF: 521838.9/21

3745.713+/-0.609 χ^2/NDF: 1257109.1/44

3685.239+/-0.863 χ^2/NDF: 725492.5/22

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: -1038.093+/-812.487 χ^2/NDF:9.5/4

Right Out: -703.653+/-508.772 χ^2/NDF: 18.4/19

Left In: -1119.070+/-879.629 χ^2/NDF:0.3/2

-18.947+/-442.716 χ^2/NDF: 28.3/21

-415.427+/-312.229 χ^2/NDF: 48.7/44

-807.789+/-440.411 χ^2/NDF: 18.8/22

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: 1473.064+/-0.575 χ^2/NDF:173008.3/4

Right Out: 1322.999+/-0.360 χ^2/NDF: 394532.6/19

Left In: 1387.397+/-0.622 χ^2/NDF:3783.9/2

1373.101+/-0.313 χ^2/NDF: 819540.7/21

1356.033+/-0.221 χ^2/NDF: 1231804.0/44

1339.142+/-0.311 χ^2/NDF: 406348.7/22

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: -345.541+/-401.805 χ^2/NDF:8.7/4

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

Left In: -241.645+/-426.561 χ^2/NDF:0.8/2

-345.541+/-401.805 χ^2/NDF: 8.7/4

-296.695+/-292.479 χ^2/NDF: 9.5/7

-241.645+/-426.561 χ^2/NDF: 0.8/2

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: 692.753+/-0.284 χ^2/NDF:436171.6/4

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

Left In: 666.433+/-0.302 χ^2/NDF:61263.9/2

692.753+/-0.284 χ^2/NDF: 436171.6/4

680.379+/-0.207 χ^2/NDF: 501470.1/7

666.433+/-0.302 χ^2/NDF: 61263.9/2

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: -908.226+/-904.437 χ^2/NDF:8.5/4

Right Out: -322.815+/-731.735 χ^2/NDF: 10.9/19

Left In: -864.624+/-981.088 χ^2/NDF:0.6/2

-368.484+/-575.063 χ^2/NDF: 32.6/21

-441.018+/-410.634 χ^2/NDF: 44.3/44

-516.480+/-586.557 χ^2/NDF: 11.6/22

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: 1634.717+/-0.640 χ^2/NDF:222913.8/4

Right Out: 1902.004+/-0.517 χ^2/NDF: 461817.0/19

Left In: 1547.940+/-0.694 χ^2/NDF:2993.0/2

1786.088+/-0.407 χ^2/NDF: 782795.9/21

1780.874+/-0.290 χ^2/NDF: 1415318.5/44

1775.449+/-0.415 χ^2/NDF: 632187.1/22

dit_asym_atl1_mean vs Slug, Sign Corrected

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

Left Out: 3257.211+/-1420.156 χ^2/NDF:4.5/4

Right Out: 860.748+/-1043.221 χ^2/NDF: 23.2/19

Left In: 1852.022+/-1584.210 χ^2/NDF:2.9/2

2586.641+/-838.695 χ^2/NDF: 18.4/21

1900.775+/-604.237 χ^2/NDF: 46.1/44

1160.583+/-871.278 χ^2/NDF: 26.3/22

dit_asym_atl1_rms vs Slug, Sign Corrected

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

Left Out: 2596.722+/-1.004 χ^2/NDF:38505.7/4

Right Out: 2730.377+/-0.738 χ^2/NDF: 598416.7/19

Left In: 2499.435+/-1.120 χ^2/NDF:231.5/2

2616.811+/-0.593 χ^2/NDF: 683517.0/21

2637.834+/-0.427 χ^2/NDF: 1314424.3/44

2660.523+/-0.616 χ^2/NDF: 628294.4/22

asym_atl1_correction_mean vs Slug, Sign Corrected

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

Left Out: -9.565+/-505.092 χ^2/NDF:11.7/4

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

Left In: -551.833+/-825.337 χ^2/NDF:2.3/2

-9.565+/-505.092 χ^2/NDF: 11.7/4

-157.319+/-430.818 χ^2/NDF: 14.3/7

-551.833+/-825.337 χ^2/NDF: 2.3/2

asym_atl1_correction_rms vs Slug, Sign Corrected

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

Left Out: 831.901+/-0.357 χ^2/NDF:880369.5/4

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

Left In: 1277.979+/-0.584 χ^2/NDF:139811.0/2

831.901+/-0.357 χ^2/NDF: 880369.5/4

953.446+/-0.305 χ^2/NDF: 1445228.3/7

1277.979+/-0.584 χ^2/NDF: 139811.0/2

asym_atl1_mean vs Slug, Sign Corrected

Right In: 2037.803+/-1151.419 χ^2/NDF: 14.8/16

Left Out: 2028.872+/-1569.143 χ^2/NDF:6.8/4

Right Out: 1099.827+/-1182.612 χ^2/NDF: 25.4/19

Left In: 1841.847+/-1798.775 χ^2/NDF:0.6/2

2034.677+/-928.309 χ^2/NDF: 21.7/21

1701.407+/-676.588 χ^2/NDF: 48.0/44

1323.765+/-988.174 χ^2/NDF: 26.1/22

asym_atl1_rms vs Slug, Sign Corrected

Right In: 2909.732+/-0.814 χ^2/NDF: 641894.7/16

Left Out: 2871.480+/-1.110 χ^2/NDF:28610.2/4

Right Out: 3038.742+/-0.836 χ^2/NDF: 1011336.0/19

Left In: 2833.571+/-1.272 χ^2/NDF:10268.2/2

2896.344+/-0.656 χ^2/NDF: 671277.5/21

2934.072+/-0.478 χ^2/NDF: 1718095.5/44

2976.822+/-0.699 χ^2/NDF: 1039771.4/22

dit_asym_atl2_mean vs Slug, Sign Corrected

Right In: 1451.980+/-889.008 χ^2/NDF: 7.4/16

Left Out: 4229.100+/-2104.010 χ^2/NDF:11.2/4

Right Out: 1949.252+/-847.604 χ^2/NDF: 22.5/19

Left In: 4215.168+/-2146.121 χ^2/NDF:3.1/2

1872.677+/-818.908 χ^2/NDF: 20.1/21

2071.108+/-567.942 χ^2/NDF: 46.8/44

2255.004+/-788.347 χ^2/NDF: 26.6/22

dit_asym_atl2_rms vs Slug, Sign Corrected

Right In: 2223.132+/-0.629 χ^2/NDF: 850289.4/16

Left Out: 3723.610+/-1.488 χ^2/NDF:341743.3/4

Right Out: 2198.396+/-0.599 χ^2/NDF: 602472.3/19

Left In: 3378.119+/-1.518 χ^2/NDF:14730.8/2

2450.434+/-0.579 χ^2/NDF: 2055114.9/21

2402.111+/-0.401 χ^2/NDF: 3208623.0/44

2357.384+/-0.557 χ^2/NDF: 1140098.2/22

asym_atl2_correction_mean vs Slug, Sign Corrected

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

Left Out: -1332.122+/-1186.834 χ^2/NDF:9.3/4

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

Left In: 805.148+/-6574.107 χ^2/NDF:1.1/2

-1332.122+/-1186.834 χ^2/NDF: 9.3/4

-1264.663+/-1167.954 χ^2/NDF: 10.6/7

805.148+/-6574.107 χ^2/NDF: 1.1/2

asym_atl2_correction_rms vs Slug, Sign Corrected

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

Left Out: 1304.203+/-0.839 χ^2/NDF:3957038.5/4

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

Left In: 10304.252+/-4.649 χ^2/NDF:21523.3/2

1304.203+/-0.839 χ^2/NDF: 3957038.5/4

1588.271+/-0.826 χ^2/NDF: 7608653.3/7

10304.252+/-4.649 χ^2/NDF: 21523.3/2

asym_atl2_mean vs Slug, Sign Corrected

Right In: 3859.866+/-2508.782 χ^2/NDF: 14.8/16

Left Out: -3394.548+/-5149.590 χ^2/NDF:4.3/4

Right Out: 2602.758+/-2416.653 χ^2/NDF: 20.7/19

Left In: 3895.216+/-6722.969 χ^2/NDF:0.5/2

2468.337+/-2255.369 χ^2/NDF: 20.7/21

2608.321+/-1601.399 χ^2/NDF: 41.9/44

2750.651+/-2274.188 χ^2/NDF: 21.2/22

asym_atl2_rms vs Slug, Sign Corrected

Right In: 6330.291+/-1.774 χ^2/NDF: 593395.6/16

Left Out: 9334.787+/-3.641 χ^2/NDF:170153.8/4

Right Out: 6260.505+/-1.709 χ^2/NDF: 539926.4/19

Left In: 10569.960+/-4.754 χ^2/NDF:21325.5/2

6906.604+/-1.595 χ^2/NDF: 1313771.0/21

6830.727+/-1.132 χ^2/NDF: 2607336.0/44

6753.585+/-1.608 χ^2/NDF: 1289000.0/22

dit_asym_atr1_mean vs Slug, Sign Corrected

Right In: 2005.383+/-1134.240 χ^2/NDF: 12.1/16

Left Out: 3004.320+/-1544.287 χ^2/NDF:1.1/4

Right Out: 2794.497+/-1083.659 χ^2/NDF: 9.9/19

Left In: 5461.105+/-1792.468 χ^2/NDF:1.2/2

2355.429+/-914.159 χ^2/NDF: 13.4/21

2923.580+/-651.024 χ^2/NDF: 26.9/44

3508.255+/-927.358 χ^2/NDF: 12.7/22

dit_asym_atr1_rms vs Slug, Sign Corrected

Right In: 2869.197+/-0.802 χ^2/NDF: 669900.5/16

Left Out: 2842.957+/-1.092 χ^2/NDF:670.0/4

Right Out: 2842.934+/-0.766 χ^2/NDF: 313216.9/19

Left In: 2830.197+/-1.267 χ^2/NDF:316.8/2

2860.002+/-0.646 χ^2/NDF: 670945.6/21

2849.910+/-0.460 χ^2/NDF: 985047.8/44

2839.525+/-0.656 χ^2/NDF: 313607.6/22

asym_atr1_correction_mean vs Slug, Sign Corrected

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

Left Out: 947.299+/-671.065 χ^2/NDF:5.6/4

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

Left In: 116.552+/-778.031 χ^2/NDF:0.6/2

947.299+/-671.065 χ^2/NDF: 5.6/4

592.916+/-508.158 χ^2/NDF: 6.8/7

116.552+/-778.031 χ^2/NDF: 0.6/2

asym_atr1_correction_rms vs Slug, Sign Corrected

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

Left Out: 1182.795+/-0.475 χ^2/NDF:70380.9/4

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

Left In: 1212.248+/-0.550 χ^2/NDF:74898.2/2

1182.795+/-0.475 χ^2/NDF: 70380.9/4

1195.359+/-0.359 χ^2/NDF: 146922.5/7

1212.248+/-0.550 χ^2/NDF: 74898.2/2

asym_atr1_mean vs Slug, Sign Corrected

Right In: 2330.134+/-1156.555 χ^2/NDF: 14.4/16

Left Out: 1718.852+/-1680.699 χ^2/NDF:1.2/4

Right Out: 2407.761+/-1107.485 χ^2/NDF: 10.1/19

Left In: 5350.524+/-1956.991 χ^2/NDF:1.3/2

2133.692+/-952.765 χ^2/NDF: 15.7/21

2621.929+/-677.591 χ^2/NDF: 29.3/44

3121.591+/-963.849 χ^2/NDF: 13.0/22

asym_atr1_rms vs Slug, Sign Corrected

Right In: 2926.610+/-0.818 χ^2/NDF: 662794.4/16

Left Out: 3092.830+/-1.188 χ^2/NDF:3113.8/4

Right Out: 2902.143+/-0.783 χ^2/NDF: 170465.3/19

Left In: 3088.428+/-1.384 χ^2/NDF:3323.2/2

2980.027+/-0.674 χ^2/NDF: 679183.7/21

2963.867+/-0.479 χ^2/NDF: 867862.5/44

2947.330+/-0.682 χ^2/NDF: 187514.7/22

dit_asym_atr2_mean vs Slug, Sign Corrected

Right In: 3645.268+/-1091.486 χ^2/NDF: 9.9/16

Left Out: 1142.965+/-1762.552 χ^2/NDF:3.5/4

Right Out: 2274.510+/-1043.858 χ^2/NDF: 18.5/19

Left In: 3970.059+/-1948.616 χ^2/NDF:1.0/2

2951.655+/-927.963 χ^2/NDF: 14.8/21

2800.854+/-653.388 χ^2/NDF: 35.0/44

2652.582+/-920.148 χ^2/NDF: 20.1/22

dit_asym_atr2_rms vs Slug, Sign Corrected

Right In: 2774.617+/-0.772 χ^2/NDF: 501680.3/16

Left Out: 3206.822+/-1.246 χ^2/NDF:5756.4/4

Right Out: 2693.533+/-0.738 χ^2/NDF: 780600.8/19

Left In: 3074.140+/-1.378 χ^2/NDF:7325.4/2

2894.420+/-0.656 χ^2/NDF: 594362.5/21

2835.883+/-0.462 χ^2/NDF: 1457364.5/44

2778.357+/-0.650 χ^2/NDF: 847222.6/22

asym_atr2_correction_mean vs Slug, Sign Corrected

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

Left Out: 10844.256+/-4696.059 χ^2/NDF:2.7/4

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

Left In: 231.813+/-5621.563 χ^2/NDF:1.6/2

10844.256+/-4696.059 χ^2/NDF: 2.7/4

6482.385+/-3604.008 χ^2/NDF: 6.4/7

231.813+/-5621.563 χ^2/NDF: 1.6/2

asym_atr2_correction_rms vs Slug, Sign Corrected

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

Left Out: 8367.819+/-3.321 χ^2/NDF:16881.0/4

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

Left In: 8797.628+/-3.975 χ^2/NDF:34973.5/2

8367.819+/-3.321 χ^2/NDF: 16881.0/4

8544.477+/-2.548 χ^2/NDF: 58740.6/7

8797.628+/-3.975 χ^2/NDF: 34973.5/2

asym_atr2_mean vs Slug, Sign Corrected

Right In: 6767.402+/-3387.139 χ^2/NDF: 15.3/16

Left Out: -10423.014+/-4772.986 χ^2/NDF:3.5/4

Right Out: 5212.142+/-3163.023 χ^2/NDF: 14.6/19

Left In: 3296.327+/-5775.887 χ^2/NDF:3.2/2

1009.824+/-2762.275 χ^2/NDF: 27.5/21

2881.842+/-1957.450 χ^2/NDF: 46.3/44

4770.152+/-2774.268 χ^2/NDF: 17.9/22

asym_atr2_rms vs Slug, Sign Corrected

Right In: 8513.665+/-2.395 χ^2/NDF: 762614.5/16

Left Out: 8745.564+/-3.375 χ^2/NDF:18735.7/4

Right Out: 8056.887+/-2.237 χ^2/NDF: 962463.7/19

Left In: 9074.726+/-4.084 χ^2/NDF:31724.3/2

8591.335+/-1.953 χ^2/NDF: 784490.0/21

8442.161+/-1.384 χ^2/NDF: 1838174.8/44

8291.696+/-1.962 χ^2/NDF: 1041968.5/22

dit_asym_sam1_mean vs Slug, Sign Corrected

Right In: 26.932+/-34.029 χ^2/NDF: 12.6/16

Left Out: -96.948+/-43.844 χ^2/NDF:3.6/4

Right Out: 14.422+/-35.398 χ^2/NDF: 22.7/19

Left In: -125.436+/-52.797 χ^2/NDF:2.2/2

-19.638+/-26.882 χ^2/NDF: 21.2/21

-23.879+/-19.840 χ^2/NDF: 51.0/44

-28.951+/-29.402 χ^2/NDF: 29.7/22

dit_asym_sam1_rms vs Slug, Sign Corrected

Right In: 84.737+/-0.024 χ^2/NDF: 1064420.0/16

Left Out: 79.396+/-0.031 χ^2/NDF:6841.9/4

Right Out: 89.069+/-0.025 χ^2/NDF: 1560299.8/19

Left In: 83.141+/-0.037 χ^2/NDF:2781.3/2

82.729+/-0.019 χ^2/NDF: 1089784.3/21

84.779+/-0.014 χ^2/NDF: 2695796.4/44

87.231+/-0.021 χ^2/NDF: 1580474.6/22

asym_sam1_correction_mean vs Slug, Sign Corrected

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

Left Out: 27.815+/-178.540 χ^2/NDF:5.6/4

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

Left In: -282.803+/-196.112 χ^2/NDF:2.2/2

27.815+/-178.540 χ^2/NDF: 5.6/4

-112.957+/-132.023 χ^2/NDF: 9.1/7

-282.803+/-196.112 χ^2/NDF: 2.2/2

asym_sam1_correction_rms vs Slug, Sign Corrected

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

Left Out: 318.414+/-0.126 χ^2/NDF:48981.8/4

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

Left In: 305.577+/-0.139 χ^2/NDF:100177.5/2

318.414+/-0.126 χ^2/NDF: 48981.8/4

312.596+/-0.093 χ^2/NDF: 153845.4/7

305.577+/-0.139 χ^2/NDF: 100177.5/2

asym_sam1_mean vs Slug, Sign Corrected

Right In: 143.486+/-179.237 χ^2/NDF: 12.8/16

Left Out: -161.131+/-178.112 χ^2/NDF:3.5/4

Right Out: 238.073+/-183.724 χ^2/NDF: 21.7/19

Left In: 177.581+/-200.957 χ^2/NDF:1.9/2

-9.782+/-126.340 χ^2/NDF: 17.7/21

92.600+/-92.435 χ^2/NDF: 42.7/44

210.532+/-135.596 χ^2/NDF: 23.6/22

asym_sam1_rms vs Slug, Sign Corrected

Right In: 428.856+/-0.127 χ^2/NDF: 2012329.6/16

Left Out: 326.330+/-0.126 χ^2/NDF:50413.3/4

Right Out: 453.260+/-0.130 χ^2/NDF: 2050280.3/19

Left In: 314.459+/-0.142 χ^2/NDF:86803.7/2

377.270+/-0.089 χ^2/NDF: 2392000.1/21

383.216+/-0.065 χ^2/NDF: 5058337.5/44

390.065+/-0.096 χ^2/NDF: 2656805.2/22

dit_asym_sam2_mean vs Slug, Sign Corrected

Right In: 381.893+/-141.192 χ^2/NDF: 9.4/16

Left Out: -203.078+/-168.123 χ^2/NDF:1.5/4

Right Out: 87.772+/-142.821 χ^2/NDF: 17.3/19

Left In: -148.408+/-195.743 χ^2/NDF:1.9/2

139.955+/-108.121 χ^2/NDF: 18.0/21

77.189+/-78.893 χ^2/NDF: 39.0/44

5.720+/-115.375 χ^2/NDF: 20.2/22

dit_asym_sam2_rms vs Slug, Sign Corrected

Right In: 357.664+/-0.100 χ^2/NDF: 629671.7/16

Left Out: 302.041+/-0.119 χ^2/NDF:62653.7/4

Right Out: 370.270+/-0.101 χ^2/NDF: 787745.4/19

Left In: 307.756+/-0.138 χ^2/NDF:2111.0/2

334.659+/-0.076 χ^2/NDF: 820703.9/21

341.155+/-0.056 χ^2/NDF: 1759121.1/44

348.552+/-0.082 χ^2/NDF: 922977.1/22

asym_sam2_correction_mean vs Slug, Sign Corrected

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

Left Out: -897.026+/-1122.412 χ^2/NDF:7.7/4

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

Left In: -1303.148+/-1332.329 χ^2/NDF:2.8/2

-897.026+/-1122.412 χ^2/NDF: 7.7/4

-1065.610+/-858.403 χ^2/NDF: 10.5/7

-1303.148+/-1332.329 χ^2/NDF: 2.8/2

asym_sam2_correction_rms vs Slug, Sign Corrected

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

Left Out: 1995.608+/-0.794 χ^2/NDF:55478.6/4

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

Left In: 2080.483+/-0.942 χ^2/NDF:56775.6/2

1995.608+/-0.794 χ^2/NDF: 55478.6/4

2030.840+/-0.607 χ^2/NDF: 117001.6/7

2080.483+/-0.942 χ^2/NDF: 56775.6/2

asym_sam2_mean vs Slug, Sign Corrected

Right In: 2969.125+/-1440.489 χ^2/NDF: 17.4/16

Left Out: 627.005+/-1086.164 χ^2/NDF:7.0/4

Right Out: -420.104+/-1503.907 χ^2/NDF: 15.7/19

Left In: 1233.454+/-1322.729 χ^2/NDF:2.4/2

1475.953+/-867.253 χ^2/NDF: 26.1/21

1059.045+/-653.266 χ^2/NDF: 45.4/44

512.229+/-993.223 χ^2/NDF: 18.8/22

asym_sam2_rms vs Slug, Sign Corrected

Right In: 3573.470+/-1.019 χ^2/NDF: 1088731.5/16

Left Out: 1981.591+/-0.768 χ^2/NDF:53427.2/4

Right Out: 3880.955+/-1.063 χ^2/NDF: 991845.4/19

Left In: 2070.662+/-0.935 χ^2/NDF:59713.3/2

2558.599+/-0.613 χ^2/NDF: 2699309.3/21

2689.093+/-0.462 χ^2/NDF: 5489487.4/44

2860.249+/-0.702 χ^2/NDF: 2685505.6/22

dit_asym_sam3_mean vs Slug, Sign Corrected

Right In: 81.851+/-51.907 χ^2/NDF: 11.5/16

Left Out: 156.684+/-70.541 χ^2/NDF:2.6/4

Right Out: 55.188+/-52.933 χ^2/NDF: 17.0/19

Left In: -149.856+/-92.909 χ^2/NDF:0.0/2

108.137+/-41.808 χ^2/NDF: 14.9/21

61.446+/-30.937 χ^2/NDF: 38.4/44

4.942+/-45.993 χ^2/NDF: 20.7/22

dit_asym_sam3_rms vs Slug, Sign Corrected

Right In: 126.339+/-0.037 χ^2/NDF: 1310585.0/16

Left Out: 122.925+/-0.050 χ^2/NDF:220634.0/4

Right Out: 130.893+/-0.037 χ^2/NDF: 1430327.9/19

Left In: 138.267+/-0.066 χ^2/NDF:186053.7/2

125.140+/-0.030 χ^2/NDF: 1534259.3/21

128.560+/-0.022 χ^2/NDF: 3189738.6/44

132.700+/-0.033 χ^2/NDF: 1625892.8/22

asym_sam3_correction_mean vs Slug, Sign Corrected

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

Left Out: -558.883+/-463.645 χ^2/NDF:12.2/4

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

Left In: 227.993+/-535.358 χ^2/NDF:2.0/2

-558.883+/-463.645 χ^2/NDF: 12.2/4

-221.641+/-350.479 χ^2/NDF: 15.4/7

227.993+/-535.358 χ^2/NDF: 2.0/2

asym_sam3_correction_rms vs Slug, Sign Corrected

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

Left Out: 786.479+/-0.328 χ^2/NDF:605674.5/4

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

Left In: 797.955+/-0.379 χ^2/NDF:426170.4/2

786.479+/-0.328 χ^2/NDF: 605674.5/4

791.397+/-0.248 χ^2/NDF: 1032370.1/7

797.955+/-0.379 χ^2/NDF: 426170.4/2

asym_sam3_mean vs Slug, Sign Corrected

Right In: 666.453+/-618.839 χ^2/NDF: 25.6/16

Left Out: 875.396+/-455.311 χ^2/NDF:11.9/4

Right Out: -1156.676+/-601.441 χ^2/NDF: 13.7/19

Left In: -350.960+/-536.770 χ^2/NDF:1.4/2

802.014+/-366.742 χ^2/NDF: 37.6/21

113.183+/-270.466 χ^2/NDF: 61.4/44

-708.186+/-400.473 χ^2/NDF: 16.1/22

asym_sam3_rms vs Slug, Sign Corrected

Right In: 1565.623+/-0.438 χ^2/NDF: 490790.2/16

Left Out: 795.352+/-0.322 χ^2/NDF:560070.6/4

Right Out: 1575.001+/-0.425 χ^2/NDF: 465745.9/19

Left In: 797.077+/-0.380 χ^2/NDF:439606.9/2

1065.878+/-0.259 χ^2/NDF: 3061186.3/21

1100.590+/-0.191 χ^2/NDF: 5868289.5/44

1141.981+/-0.283 χ^2/NDF: 2767820.9/22

dit_asym_sam4_mean vs Slug, Sign Corrected

Right In: 64.087+/-105.336 χ^2/NDF: 16.8/16

Left Out: 325.069+/-167.273 χ^2/NDF:4.9/4

Right Out: 259.542+/-99.192 χ^2/NDF: 15.7/19

Left In: 50.427+/-191.714 χ^2/NDF:0.2/2

138.194+/-89.135 χ^2/NDF: 23.4/21

177.240+/-62.658 χ^2/NDF: 40.6/44

215.383+/-88.099 χ^2/NDF: 16.8/22

dit_asym_sam4_rms vs Slug, Sign Corrected

Right In: 266.624+/-0.074 χ^2/NDF: 550752.5/16

Left Out: 292.964+/-0.118 χ^2/NDF:265507.3/4

Right Out: 256.570+/-0.070 χ^2/NDF: 701804.1/19

Left In: 298.058+/-0.136 χ^2/NDF:866.5/2

274.104+/-0.063 χ^2/NDF: 851769.5/21

269.666+/-0.044 χ^2/NDF: 1638122.3/44

265.331+/-0.062 χ^2/NDF: 776553.2/22

asym_sam4_correction_mean vs Slug, Sign Corrected

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

Left Out: -1468.694+/-1114.486 χ^2/NDF:7.3/4

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

Left In: 2208.951+/-1287.121 χ^2/NDF:2.0/2

-1468.694+/-1114.486 χ^2/NDF: 7.3/4

107.126+/-842.535 χ^2/NDF: 14.0/7

2208.951+/-1287.121 χ^2/NDF: 2.0/2

asym_sam4_correction_rms vs Slug, Sign Corrected

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

Left Out: 1961.595+/-0.788 χ^2/NDF:217478.0/4

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

Left In: 1996.367+/-0.910 χ^2/NDF:116057.6/2

1961.595+/-0.788 χ^2/NDF: 217478.0/4

1976.494+/-0.596 χ^2/NDF: 334369.8/7

1996.367+/-0.910 χ^2/NDF: 116057.6/2

asym_sam4_mean vs Slug, Sign Corrected

Right In: 366.454+/-992.480 χ^2/NDF: 24.2/16

Left Out: 2260.679+/-1064.409 χ^2/NDF:7.7/4

Right Out: -1641.960+/-922.841 χ^2/NDF: 13.9/19

Left In: -2144.103+/-1269.129 χ^2/NDF:1.9/2

1247.407+/-725.887 χ^2/NDF: 33.5/21

-241.487+/-520.374 χ^2/NDF: 58.1/44

-1815.634+/-746.380 χ^2/NDF: 15.9/22

asym_sam4_rms vs Slug, Sign Corrected

Right In: 2474.389+/-0.702 χ^2/NDF: 906262.1/16

Left Out: 1924.842+/-0.753 χ^2/NDF:208746.3/4

Right Out: 2368.193+/-0.653 χ^2/NDF: 1036059.3/19

Left In: 1969.925+/-0.897 χ^2/NDF:116371.2/2

2218.809+/-0.513 χ^2/NDF: 1400187.1/21

2224.465+/-0.368 χ^2/NDF: 2681702.8/44

2230.445+/-0.528 χ^2/NDF: 1281265.9/22

dit_asym_sam5_mean vs Slug, Sign Corrected

Right In: 15.303+/-46.443 χ^2/NDF: 12.6/16

Left Out: 200.881+/-82.272 χ^2/NDF:4.0/4

Right Out: 90.013+/-43.274 χ^2/NDF: 16.3/19

Left In: 104.951+/-91.735 χ^2/NDF:1.4/2

60.150+/-40.444 χ^2/NDF: 20.4/21

76.976+/-28.125 χ^2/NDF: 38.5/44

92.732+/-39.138 χ^2/NDF: 17.8/22

dit_asym_sam5_rms vs Slug, Sign Corrected

Right In: 113.932+/-0.033 χ^2/NDF: 1407849.3/16

Left Out: 148.398+/-0.058 χ^2/NDF:15023.2/4

Right Out: 109.890+/-0.031 χ^2/NDF: 1259035.3/19

Left In: 144.467+/-0.065 χ^2/NDF:5349.3/2

122.261+/-0.029 χ^2/NDF: 1689051.8/21

119.123+/-0.020 χ^2/NDF: 3209167.6/44

116.184+/-0.028 χ^2/NDF: 1496799.1/22

asym_sam5_correction_mean vs Slug, Sign Corrected

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

Left Out: -228.388+/-542.419 χ^2/NDF:3.8/4

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

Left In: 1273.354+/-603.862 χ^2/NDF:1.9/2

-228.388+/-542.419 χ^2/NDF: 3.8/4

442.218+/-403.528 χ^2/NDF: 9.1/7

1273.354+/-603.862 χ^2/NDF: 1.9/2

asym_sam5_correction_rms vs Slug, Sign Corrected

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

Left Out: 968.330+/-0.384 χ^2/NDF:44852.6/4

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

Left In: 945.265+/-0.427 χ^2/NDF:21360.3/2

968.330+/-0.384 χ^2/NDF: 44852.6/4

958.031+/-0.285 χ^2/NDF: 67827.8/7

945.265+/-0.427 χ^2/NDF: 21360.3/2

asym_sam5_mean vs Slug, Sign Corrected

Right In: -157.178+/-312.499 χ^2/NDF: 16.2/16

Left Out: 612.559+/-514.160 χ^2/NDF:3.4/4

Right Out: -493.409+/-282.656 χ^2/NDF: 23.0/19

Left In: -1195.438+/-586.863 χ^2/NDF:2.2/2

50.463+/-267.044 χ^2/NDF: 21.3/21

-303.610+/-184.294 χ^2/NDF: 51.1/44

-625.598+/-254.658 χ^2/NDF: 26.4/22

asym_sam5_rms vs Slug, Sign Corrected

Right In: 756.985+/-0.221 χ^2/NDF: 1711285.9/16

Left Out: 943.011+/-0.364 χ^2/NDF:43056.1/4

Right Out: 703.728+/-0.200 χ^2/NDF: 1729114.9/19

Left In: 920.699+/-0.415 χ^2/NDF:21458.5/2

807.167+/-0.189 χ^2/NDF: 1945525.9/21

774.390+/-0.130 χ^2/NDF: 3975530.8/44

744.583+/-0.180 χ^2/NDF: 1972474.5/22

dit_asym_sam6_mean vs Slug, Sign Corrected

Right In: -32.694+/-48.431 χ^2/NDF: 19.7/16

Left Out: 316.413+/-84.596 χ^2/NDF:5.5/4

Right Out: -10.656+/-45.533 χ^2/NDF: 15.0/19

Left In: 251.868+/-102.063 χ^2/NDF:0.4/2

53.482+/-42.031 χ^2/NDF: 38.0/21

43.091+/-29.560 χ^2/NDF: 59.1/44

32.921+/-41.582 χ^2/NDF: 20.9/22

dit_asym_sam6_rms vs Slug, Sign Corrected

Right In: 120.207+/-0.034 χ^2/NDF: 1062326.6/16

Left Out: 152.365+/-0.060 χ^2/NDF:11757.3/4

Right Out: 116.784+/-0.032 χ^2/NDF: 1007058.0/19

Left In: 159.898+/-0.072 χ^2/NDF:40178.8/2

128.145+/-0.030 χ^2/NDF: 1291753.0/21

126.020+/-0.021 χ^2/NDF: 2646745.4/44

123.941+/-0.029 χ^2/NDF: 1344880.3/22

asym_sam6_correction_mean vs Slug, Sign Corrected

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

Left Out: 101.677+/-539.794 χ^2/NDF:6.9/4

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

Left In: 745.454+/-635.139 χ^2/NDF:2.9/2

101.677+/-539.794 χ^2/NDF: 6.9/4

371.665+/-411.314 χ^2/NDF: 10.4/7

745.454+/-635.139 χ^2/NDF: 2.9/2

asym_sam6_correction_rms vs Slug, Sign Corrected

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

Left Out: 962.411+/-0.382 χ^2/NDF:48738.0/4

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

Left In: 997.203+/-0.449 χ^2/NDF:27949.1/2

962.411+/-0.382 χ^2/NDF: 48738.0/4

977.002+/-0.291 χ^2/NDF: 80171.7/7

997.203+/-0.449 χ^2/NDF: 27949.1/2

asym_sam6_mean vs Slug, Sign Corrected

Right In: -301.000+/-250.042 χ^2/NDF: 16.8/16

Left Out: 269.165+/-519.649 χ^2/NDF:5.9/4

Right Out: -99.460+/-245.908 χ^2/NDF: 22.6/19

Left In: -414.752+/-619.004 χ^2/NDF:2.4/2

-193.808+/-225.316 χ^2/NDF: 23.7/21

-168.487+/-160.448 χ^2/NDF: 48.9/44

-142.437+/-228.535 χ^2/NDF: 25.2/22

asym_sam6_rms vs Slug, Sign Corrected

Right In: 564.003+/-0.177 χ^2/NDF: 3261491.3/16

Left Out: 950.870+/-0.367 χ^2/NDF:63584.4/4

Right Out: 585.967+/-0.174 χ^2/NDF: 2866076.4/19

Left In: 973.845+/-0.438 χ^2/NDF:23105.9/2

636.735+/-0.159 χ^2/NDF: 4225168.3/21

637.771+/-0.113 χ^2/NDF: 7792690.4/44

638.838+/-0.162 χ^2/NDF: 3567436.2/22

dit_asym_sam7_mean vs Slug, Sign Corrected

Right In: -64.797+/-34.629 χ^2/NDF: 6.2/16

Left Out: 128.384+/-53.164 χ^2/NDF:6.1/4

Right Out: -10.023+/-33.281 χ^2/NDF: 37.9/19

Left In: 122.940+/-58.460 χ^2/NDF:1.3/2

-7.251+/-29.017 χ^2/NDF: 21.5/21

7.684+/-20.484 χ^2/NDF: 65.2/44

22.521+/-28.922 χ^2/NDF: 43.2/22

dit_asym_sam7_rms vs Slug, Sign Corrected

Right In: 88.186+/-0.024 χ^2/NDF: 394447.7/16

Left Out: 95.826+/-0.038 χ^2/NDF:48440.0/4

Right Out: 86.847+/-0.024 χ^2/NDF: 533326.2/19

Left In: 91.895+/-0.041 χ^2/NDF:1006.2/2

90.462+/-0.021 χ^2/NDF: 471885.7/21

89.268+/-0.014 χ^2/NDF: 1024229.0/44

88.082+/-0.020 χ^2/NDF: 545596.5/22

asym_sam7_correction_mean vs Slug, Sign Corrected

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

Left Out: -243.987+/-166.844 χ^2/NDF:10.0/4

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

Left In: -30.611+/-193.295 χ^2/NDF:3.4/2

-243.987+/-166.844 χ^2/NDF: 10.0/4

-152.886+/-126.301 χ^2/NDF: 14.1/7

-30.611+/-193.295 χ^2/NDF: 3.4/2

asym_sam7_correction_rms vs Slug, Sign Corrected

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

Left Out: 294.742+/-0.118 χ^2/NDF:115027.9/4

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

Left In: 299.212+/-0.137 χ^2/NDF:132528.2/2

294.742+/-0.118 χ^2/NDF: 115027.9/4

296.650+/-0.089 χ^2/NDF: 248169.2/7

299.212+/-0.137 χ^2/NDF: 132528.2/2

asym_sam7_mean vs Slug, Sign Corrected

Right In: 85.810+/-142.601 χ^2/NDF: 20.6/16

Left Out: 420.443+/-161.180 χ^2/NDF:9.9/4

Right Out: -295.409+/-129.312 χ^2/NDF: 12.2/19

Left In: 130.536+/-194.612 χ^2/NDF:2.9/2

232.737+/-106.801 χ^2/NDF: 32.9/21

35.566+/-75.837 χ^2/NDF: 58.2/44

-164.950+/-107.703 χ^2/NDF: 18.4/22

asym_sam7_rms vs Slug, Sign Corrected

Right In: 339.553+/-0.101 χ^2/NDF: 2042244.1/16

Left Out: 292.426+/-0.114 χ^2/NDF:89356.3/4

Right Out: 309.526+/-0.091 χ^2/NDF: 2735077.1/19

Left In: 302.477+/-0.138 χ^2/NDF:122703.0/2

318.861+/-0.076 χ^2/NDF: 2227508.2/21

313.162+/-0.054 χ^2/NDF: 5098592.6/44

307.367+/-0.076 χ^2/NDF: 2859600.4/22

dit_asym_sam8_mean vs Slug, Sign Corrected

Right In: -196.599+/-30.399 χ^2/NDF: 19.0/16

Left Out: -184.339+/-45.968 χ^2/NDF:6.0/4

Right Out: -110.410+/-29.510 χ^2/NDF: 39.8/19

Left In: -167.544+/-49.633 χ^2/NDF:1.2/2

-192.869+/-25.356 χ^2/NDF: 25.1/21

-159.113+/-17.933 χ^2/NDF: 70.6/44

-125.332+/-25.365 χ^2/NDF: 41.9/22

dit_asym_sam8_rms vs Slug, Sign Corrected

Right In: 76.692+/-0.021 χ^2/NDF: 600348.1/16

Left Out: 82.109+/-0.033 χ^2/NDF:86640.2/4

Right Out: 76.436+/-0.021 χ^2/NDF: 699907.3/19

Left In: 77.640+/-0.035 χ^2/NDF:1308.3/2

78.340+/-0.018 χ^2/NDF: 706313.2/21

77.546+/-0.013 χ^2/NDF: 1412326.5/44

76.751+/-0.018 χ^2/NDF: 702084.0/22

asym_sam8_correction_mean vs Slug, Sign Corrected

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

Left Out: -217.364+/-133.200 χ^2/NDF:8.1/4

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

Left In: 84.490+/-159.871 χ^2/NDF:2.8/2

-217.364+/-133.200 χ^2/NDF: 8.1/4

-93.682+/-102.335 χ^2/NDF: 13.0/7

84.490+/-159.871 χ^2/NDF: 2.8/2

asym_sam8_correction_rms vs Slug, Sign Corrected

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

Left Out: 236.074+/-0.094 χ^2/NDF:100053.2/4

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

Left In: 247.976+/-0.113 χ^2/NDF:133229.4/2

236.074+/-0.094 χ^2/NDF: 100053.2/4

240.951+/-0.072 χ^2/NDF: 239825.0/7

247.976+/-0.113 χ^2/NDF: 133229.4/2

asym_sam8_mean vs Slug, Sign Corrected

Right In: -54.933+/-90.355 χ^2/NDF: 16.5/16

Left Out: 44.738+/-128.372 χ^2/NDF:9.2/4

Right Out: -172.563+/-76.778 χ^2/NDF: 15.6/19

Left In: -297.084+/-159.512 χ^2/NDF:2.2/2

-21.913+/-73.888 χ^2/NDF: 26.2/21

-114.669+/-50.500 χ^2/NDF: 47.4/44

-195.985+/-69.181 χ^2/NDF: 18.3/22

asym_sam8_rms vs Slug, Sign Corrected

Right In: 200.971+/-0.064 χ^2/NDF: 3436154.0/16

Left Out: 234.101+/-0.091 χ^2/NDF:60638.9/4

Right Out: 172.147+/-0.054 χ^2/NDF: 4105572.5/19

Left In: 248.483+/-0.113 χ^2/NDF:118528.5/2

211.946+/-0.052 χ^2/NDF: 3585874.1/21

198.390+/-0.036 χ^2/NDF: 8308203.8/44

186.505+/-0.049 χ^2/NDF: 4595981.7/22

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected

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

Left Out: 49.929+/-36.214 χ^2/NDF:2.6/4

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

Left In: -7.748+/-40.861 χ^2/NDF:0.3/2

49.929+/-36.214 χ^2/NDF: 2.6/4

24.556+/-27.102 χ^2/NDF: 4.0/7

-7.748+/-40.861 χ^2/NDF: 0.3/2

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected

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

Left Out: 65.173+/-0.026 χ^2/NDF:50591.3/4

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

Left In: 64.264+/-0.029 χ^2/NDF:1419.1/2

65.173+/-0.026 χ^2/NDF: 50591.3/4

64.773+/-0.019 χ^2/NDF: 52564.3/7

64.264+/-0.029 χ^2/NDF: 1419.1/2

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected

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

Left Out: -112.677+/-187.129 χ^2/NDF:3.1/4

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

Left In: 478.194+/-212.881 χ^2/NDF:1.7/2

-112.677+/-187.129 χ^2/NDF: 3.1/4

144.877+/-140.548 χ^2/NDF: 9.1/7

478.194+/-212.881 χ^2/NDF: 1.7/2

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected

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

Left Out: 332.983+/-0.132 χ^2/NDF:81428.5/4

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

Left In: 333.486+/-0.151 χ^2/NDF:1746.3/2

332.983+/-0.132 χ^2/NDF: 81428.5/4

333.203+/-0.099 χ^2/NDF: 83181.1/7

333.486+/-0.151 χ^2/NDF: 1746.3/2

asym_sam_15_avg_mean vs Slug, Sign Corrected

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

Left Out: 232.503+/-175.897 χ^2/NDF:3.1/4

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

Left In: -481.890+/-205.811 χ^2/NDF:2.2/2

232.503+/-175.897 χ^2/NDF: 3.1/4

-69.048+/-133.716 χ^2/NDF: 12.3/7

-481.890+/-205.811 χ^2/NDF: 2.2/2

asym_sam_15_avg_rms vs Slug, Sign Corrected

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

Left Out: 321.600+/-0.124 χ^2/NDF:73765.5/4

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

Left In: 323.105+/-0.146 χ^2/NDF:425.1/2

321.600+/-0.124 χ^2/NDF: 73765.5/4

322.235+/-0.095 χ^2/NDF: 74252.4/7

323.105+/-0.146 χ^2/NDF: 425.1/2

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected

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

Left Out: 74.574+/-69.249 χ^2/NDF:0.8/4

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

Left In: 78.846+/-85.621 χ^2/NDF:1.0/2

74.574+/-69.249 χ^2/NDF: 0.8/4

76.263+/-53.843 χ^2/NDF: 1.8/7

78.846+/-85.621 χ^2/NDF: 1.0/2

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected

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

Left Out: 123.671+/-0.049 χ^2/NDF:135158.8/4

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

Left In: 133.179+/-0.061 χ^2/NDF:9434.9/2

123.671+/-0.049 χ^2/NDF: 135158.8/4

127.431+/-0.038 χ^2/NDF: 159502.9/7

133.179+/-0.061 χ^2/NDF: 9434.9/2

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected

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

Left Out: -297.342+/-275.541 χ^2/NDF:8.7/4

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

Left In: -266.122+/-331.492 χ^2/NDF:2.4/2

-297.342+/-275.541 χ^2/NDF: 8.7/4

-284.585+/-211.897 χ^2/NDF: 11.0/7

-266.122+/-331.492 χ^2/NDF: 2.4/2

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected

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

Left Out: 466.467+/-0.195 χ^2/NDF:624965.9/4

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

Left In: 494.816+/-0.234 χ^2/NDF:379475.0/2

466.467+/-0.195 χ^2/NDF: 624965.9/4

478.050+/-0.150 χ^2/NDF: 1013091.1/7

494.816+/-0.234 χ^2/NDF: 379475.0/2

asym_sam_26_avg_mean vs Slug, Sign Corrected

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

Left Out: 392.548+/-270.822 χ^2/NDF:8.3/4

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

Left In: 355.604+/-330.029 χ^2/NDF:1.5/2

392.548+/-270.822 χ^2/NDF: 8.3/4

377.681+/-209.356 χ^2/NDF: 9.8/7

355.604+/-330.029 χ^2/NDF: 1.5/2

asym_sam_26_avg_rms vs Slug, Sign Corrected

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

Left Out: 471.261+/-0.191 χ^2/NDF:593369.4/4

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

Left In: 490.626+/-0.233 χ^2/NDF:418571.8/2

471.261+/-0.191 χ^2/NDF: 593369.4/4

479.054+/-0.148 χ^2/NDF: 1016056.0/7

490.626+/-0.233 χ^2/NDF: 418571.8/2

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected

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

Left Out: 163.636+/-53.799 χ^2/NDF:3.1/4

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

Left In: -23.855+/-66.879 χ^2/NDF:0.4/2

163.636+/-53.799 χ^2/NDF: 3.1/4

89.977+/-41.919 χ^2/NDF: 8.3/7

-23.855+/-66.879 χ^2/NDF: 0.4/2

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected

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

Left Out: 94.862+/-0.038 χ^2/NDF:152261.2/4

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

Left In: 102.618+/-0.047 χ^2/NDF:80912.4/2

94.862+/-0.038 χ^2/NDF: 152261.2/4

97.909+/-0.030 χ^2/NDF: 249501.8/7

102.618+/-0.047 χ^2/NDF: 80912.4/2

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected

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

Left Out: -405.170+/-313.348 χ^2/NDF:11.8/4

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

Left In: 95.026+/-360.405 χ^2/NDF:2.3/2

-405.170+/-313.348 χ^2/NDF: 11.8/4

-189.838+/-236.470 χ^2/NDF: 15.1/7

95.026+/-360.405 χ^2/NDF: 2.3/2

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected

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

Left Out: 538.412+/-0.222 χ^2/NDF:452403.8/4

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

Left In: 543.140+/-0.255 χ^2/NDF:345730.3/2

538.412+/-0.222 χ^2/NDF: 452403.8/4

540.448+/-0.167 χ^2/NDF: 798330.0/7

543.140+/-0.255 χ^2/NDF: 345730.3/2

asym_sam_37_avg_mean vs Slug, Sign Corrected

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

Left Out: 664.755+/-306.433 χ^2/NDF:11.4/4

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

Left In: -92.502+/-362.461 χ^2/NDF:1.8/2

664.755+/-306.433 χ^2/NDF: 11.4/4

349.114+/-234.011 χ^2/NDF: 15.8/7

-92.502+/-362.461 χ^2/NDF: 1.8/2

asym_sam_37_avg_rms vs Slug, Sign Corrected

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

Left Out: 541.710+/-0.217 χ^2/NDF:410573.2/4

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

Left In: 545.614+/-0.256 χ^2/NDF:349481.9/2

541.710+/-0.217 χ^2/NDF: 410573.2/4

543.337+/-0.165 χ^2/NDF: 760190.4/7

545.614+/-0.256 χ^2/NDF: 349481.9/2

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected

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

Left Out: 79.942+/-98.670 χ^2/NDF:5.6/4

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

Left In: -47.649+/-110.629 χ^2/NDF:0.1/2

79.942+/-98.670 χ^2/NDF: 5.6/4

23.414+/-73.637 χ^2/NDF: 6.4/7

-47.649+/-110.629 χ^2/NDF: 0.1/2

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected

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

Left Out: 172.820+/-0.070 χ^2/NDF:243976.1/4

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

Left In: 172.215+/-0.078 χ^2/NDF:891.9/2

172.820+/-0.070 χ^2/NDF: 243976.1/4

172.552+/-0.052 χ^2/NDF: 244901.4/7

172.215+/-0.078 χ^2/NDF: 891.9/2

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected

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

Left Out: -866.095+/-599.107 χ^2/NDF:7.9/4

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

Left In: 1135.834+/-695.268 χ^2/NDF:2.1/2

-866.095+/-599.107 χ^2/NDF: 7.9/4

-13.040+/-453.854 χ^2/NDF: 14.8/7

1135.834+/-695.268 χ^2/NDF: 2.1/2

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected

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

Left Out: 1054.426+/-0.424 χ^2/NDF:209174.5/4

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

Left In: 1075.770+/-0.492 χ^2/NDF:141624.7/2

1054.426+/-0.424 χ^2/NDF: 209174.5/4

1063.521+/-0.321 χ^2/NDF: 351881.0/7

1075.770+/-0.492 χ^2/NDF: 141624.7/2

asym_sam_48_avg_mean vs Slug, Sign Corrected

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

Left Out: 1187.578+/-572.927 χ^2/NDF:8.3/4

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

Left In: -1207.609+/-686.782 χ^2/NDF:1.9/2

1187.578+/-572.927 χ^2/NDF: 8.3/4

204.712+/-439.943 χ^2/NDF: 17.5/7

-1207.609+/-686.782 χ^2/NDF: 1.9/2

asym_sam_48_avg_rms vs Slug, Sign Corrected

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

Left Out: 1036.227+/-0.405 χ^2/NDF:192999.0/4

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

Left In: 1063.858+/-0.486 χ^2/NDF:142527.9/2

1036.227+/-0.405 χ^2/NDF: 192999.0/4

1047.565+/-0.311 χ^2/NDF: 337435.8/7

1063.858+/-0.486 χ^2/NDF: 142527.9/2

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected

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

Left Out: -156.693+/-54.859 χ^2/NDF:4.3/4

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

Left In: -109.839+/-62.639 χ^2/NDF:2.3/2

-156.693+/-54.859 χ^2/NDF: 4.3/4

-136.355+/-41.269 χ^2/NDF: 6.9/7

-109.839+/-62.639 χ^2/NDF: 2.3/2

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected

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

Left Out: 99.117+/-0.039 χ^2/NDF:2937.1/4

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

Left In: 98.689+/-0.044 χ^2/NDF:4873.5/2

99.117+/-0.039 χ^2/NDF: 2937.1/4

98.931+/-0.029 χ^2/NDF: 7863.3/7

98.689+/-0.044 χ^2/NDF: 4873.5/2

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected

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

Left Out: 123.508+/-358.021 χ^2/NDF:4.3/4

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

Left In: -788.726+/-394.870 χ^2/NDF:2.0/2

123.508+/-358.021 χ^2/NDF: 4.3/4

-288.069+/-265.232 χ^2/NDF: 9.2/7

-788.726+/-394.870 χ^2/NDF: 2.0/2

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected

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

Left Out: 639.787+/-0.253 χ^2/NDF:31864.2/4

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

Left In: 617.453+/-0.279 χ^2/NDF:40814.6/2

639.787+/-0.253 χ^2/NDF: 31864.2/4

629.710+/-0.188 χ^2/NDF: 76190.1/7

617.453+/-0.279 χ^2/NDF: 40814.6/2

asym_sam_15_dd_mean vs Slug, Sign Corrected

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

Left Out: -385.151+/-342.477 χ^2/NDF:3.5/4

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

Left In: 707.908+/-387.452 χ^2/NDF:2.2/2

-385.151+/-342.477 χ^2/NDF: 3.5/4

94.284+/-256.603 χ^2/NDF: 10.2/7

707.908+/-387.452 χ^2/NDF: 2.2/2

asym_sam_15_dd_rms vs Slug, Sign Corrected

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

Left Out: 628.771+/-0.242 χ^2/NDF:30892.4/4

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

Left In: 607.616+/-0.274 χ^2/NDF:40187.2/2

628.771+/-0.242 χ^2/NDF: 30892.4/4

619.492+/-0.181 χ^2/NDF: 74426.8/7

607.616+/-0.274 χ^2/NDF: 40187.2/2

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected

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

Left Out: -266.385+/-112.865 χ^2/NDF:2.8/4

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

Left In: -209.681+/-128.890 χ^2/NDF:2.0/2

-266.385+/-112.865 χ^2/NDF: 2.8/4

-241.775+/-84.912 χ^2/NDF: 4.8/7

-209.681+/-128.890 χ^2/NDF: 2.0/2

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected

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

Left Out: 203.496+/-0.080 χ^2/NDF:15079.7/4

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

Left In: 203.069+/-0.091 χ^2/NDF:4641.9/2

203.496+/-0.080 χ^2/NDF: 15079.7/4

203.311+/-0.060 χ^2/NDF: 19734.0/7

203.069+/-0.091 χ^2/NDF: 4641.9/2

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected

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

Left Out: -518.317+/-832.127 χ^2/NDF:7.5/4

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

Left In: -1010.570+/-986.817 χ^2/NDF:2.8/2

-518.317+/-832.127 χ^2/NDF: 7.5/4

-722.881+/-636.146 χ^2/NDF: 10.4/7

-1010.570+/-986.817 χ^2/NDF: 2.8/2

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected

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

Left Out: 1485.561+/-0.588 χ^2/NDF:13167.8/4

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

Left In: 1548.886+/-0.698 χ^2/NDF:19799.6/2

1485.561+/-0.588 χ^2/NDF: 13167.8/4

1511.877+/-0.450 χ^2/NDF: 37780.7/7

1548.886+/-0.698 χ^2/NDF: 19799.6/2

asym_sam_26_dd_mean vs Slug, Sign Corrected

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

Left Out: 188.248+/-803.960 χ^2/NDF:6.6/4

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

Left In: 803.556+/-974.680 χ^2/NDF:2.5/2

188.248+/-803.960 χ^2/NDF: 6.6/4

437.382+/-620.201 χ^2/NDF: 9.3/7

803.556+/-974.680 χ^2/NDF: 2.5/2

asym_sam_26_dd_rms vs Slug, Sign Corrected

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

Left Out: 1473.581+/-0.568 χ^2/NDF:11359.5/4

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

Left In: 1534.499+/-0.689 χ^2/NDF:20343.3/2

1473.581+/-0.568 χ^2/NDF: 11359.5/4

1498.247+/-0.439 χ^2/NDF: 36352.1/7

1534.499+/-0.689 χ^2/NDF: 20343.3/2

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected

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

Left Out: 0.415+/-33.336 χ^2/NDF:5.5/4

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

Left In: -134.109+/-44.933 χ^2/NDF:0.3/2

0.415+/-33.336 χ^2/NDF: 5.5/4

-47.343+/-26.773 χ^2/NDF: 11.6/7

-134.109+/-44.933 χ^2/NDF: 0.3/2

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected

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

Left Out: 59.627+/-0.024 χ^2/NDF:78101.3/4

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

Left In: 67.774+/-0.032 χ^2/NDF:169889.7/2

59.627+/-0.024 χ^2/NDF: 78101.3/4

62.519+/-0.019 χ^2/NDF: 290392.4/7

67.774+/-0.032 χ^2/NDF: 169889.7/2

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected

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

Left Out: -160.919+/-155.312 χ^2/NDF:12.6/4

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

Left In: 139.766+/-181.797 χ^2/NDF:1.4/2

-160.919+/-155.312 χ^2/NDF: 12.6/4

-34.055+/-118.086 χ^2/NDF: 15.6/7

139.766+/-181.797 χ^2/NDF: 1.4/2

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected

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

Left Out: 257.862+/-0.110 χ^2/NDF:856036.0/4

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

Left In: 266.346+/-0.129 χ^2/NDF:544358.4/2

257.862+/-0.110 χ^2/NDF: 856036.0/4

261.442+/-0.083 χ^2/NDF: 1402912.3/7

266.346+/-0.129 χ^2/NDF: 544358.4/2

asym_sam_37_dd_mean vs Slug, Sign Corrected

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

Left Out: 203.720+/-153.311 χ^2/NDF:12.6/4

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

Left In: -273.684+/-182.607 χ^2/NDF:0.9/2

203.720+/-153.311 χ^2/NDF: 12.6/4

6.339+/-117.416 χ^2/NDF: 17.5/7

-273.684+/-182.607 χ^2/NDF: 0.9/2

asym_sam_37_dd_rms vs Slug, Sign Corrected

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

Left Out: 262.346+/-0.108 χ^2/NDF:816474.9/4

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

Left In: 266.184+/-0.129 χ^2/NDF:554935.3/2

262.346+/-0.108 χ^2/NDF: 816474.9/4

263.933+/-0.083 χ^2/NDF: 1371928.5/7

266.184+/-0.129 χ^2/NDF: 554935.3/2

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected

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

Left Out: 243.406+/-73.200 χ^2/NDF:4.1/4

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

Left In: 93.530+/-85.864 χ^2/NDF:0.4/2

243.406+/-73.200 χ^2/NDF: 4.1/4

180.325+/-55.705 χ^2/NDF: 6.3/7

93.530+/-85.864 χ^2/NDF: 0.4/2

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected

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

Left Out: 129.040+/-0.052 χ^2/NDF:228560.5/4

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

Left In: 133.413+/-0.061 χ^2/NDF:2393.8/2

129.040+/-0.052 χ^2/NDF: 228560.5/4

130.881+/-0.039 χ^2/NDF: 233958.5/7

133.413+/-0.061 χ^2/NDF: 2393.8/2

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected

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

Left Out: -604.507+/-520.075 χ^2/NDF:6.6/4

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

Left In: 1074.392+/-596.744 χ^2/NDF:1.9/2

-604.507+/-520.075 χ^2/NDF: 6.6/4

120.228+/-392.072 χ^2/NDF: 13.0/7

1074.392+/-596.744 χ^2/NDF: 1.9/2

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected

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

Left Out: 915.569+/-0.368 χ^2/NDF:223599.3/4

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

Left In: 928.353+/-0.422 χ^2/NDF:83403.3/2

915.569+/-0.368 χ^2/NDF: 223599.3/4

921.088+/-0.277 χ^2/NDF: 307524.3/7

928.353+/-0.422 χ^2/NDF: 83403.3/2

asym_sam_48_dd_mean vs Slug, Sign Corrected

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

Left Out: 1071.420+/-496.048 χ^2/NDF:6.9/4

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

Left In: -941.951+/-587.260 χ^2/NDF:1.9/2

1071.420+/-496.048 χ^2/NDF: 6.9/4

233.062+/-378.951 χ^2/NDF: 15.7/7

-941.951+/-587.260 χ^2/NDF: 1.9/2

asym_sam_48_dd_rms vs Slug, Sign Corrected

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

Left Out: 896.986+/-0.351 χ^2/NDF:223468.3/4

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

Left In: 913.832+/-0.415 χ^2/NDF:81928.5/2

896.986+/-0.351 χ^2/NDF: 223468.3/4

904.001+/-0.268 χ^2/NDF: 306357.2/7

913.832+/-0.415 χ^2/NDF: 81928.5/2

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: -78.852+/-32.812 χ^2/NDF:5.3/4

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

Left In: -137.961+/-40.044 χ^2/NDF:1.3/2

-78.852+/-32.812 χ^2/NDF: 5.3/4

-102.597+/-25.380 χ^2/NDF: 7.9/7

-137.961+/-40.044 χ^2/NDF: 1.3/2

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: 59.182+/-0.023 χ^2/NDF:20734.6/4

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

Left In: 62.803+/-0.028 χ^2/NDF:5159.6/2

59.182+/-0.023 χ^2/NDF: 20734.6/4

60.637+/-0.018 χ^2/NDF: 35675.9/7

62.803+/-0.028 χ^2/NDF: 5159.6/2

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: -150.286+/-189.833 χ^2/NDF:7.0/4

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

Left In: -260.472+/-228.237 χ^2/NDF:2.0/2

-150.286+/-189.833 χ^2/NDF: 7.0/4

-195.342+/-145.948 χ^2/NDF: 9.2/7

-260.472+/-228.237 χ^2/NDF: 2.0/2

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: 346.783+/-0.134 χ^2/NDF:93055.9/4

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

Left In: 359.650+/-0.161 χ^2/NDF:7242.6/2

346.783+/-0.134 χ^2/NDF: 93055.9/4

352.045+/-0.103 χ^2/NDF: 104055.6/7

359.650+/-0.161 χ^2/NDF: 7242.6/2

asym_sam_13_57_dd_mean vs Slug, Sign Corrected

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

Left Out: -79.393+/-188.319 χ^2/NDF:5.7/4

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

Left In: 171.287+/-223.357 χ^2/NDF:2.0/2

-79.393+/-188.319 χ^2/NDF: 5.7/4

24.765+/-143.974 χ^2/NDF: 8.4/7

171.287+/-223.357 χ^2/NDF: 2.0/2

asym_sam_13_57_dd_rms vs Slug, Sign Corrected

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

Left Out: 345.021+/-0.133 χ^2/NDF:56437.1/4

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

Left In: 351.799+/-0.158 χ^2/NDF:6871.5/2

345.021+/-0.133 χ^2/NDF: 56437.1/4

347.838+/-0.102 χ^2/NDF: 64385.1/7

351.799+/-0.158 χ^2/NDF: 6871.5/2

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: -49.252+/-28.042 χ^2/NDF:3.0/4

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

Left In: 13.323+/-36.423 χ^2/NDF:1.0/2

-49.252+/-28.042 χ^2/NDF: 3.0/4

-25.965+/-22.220 χ^2/NDF: 5.8/7

13.323+/-36.423 χ^2/NDF: 1.0/2

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: 50.228+/-0.020 χ^2/NDF:61997.0/4

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

Left In: 56.000+/-0.026 χ^2/NDF:67961.2/2

50.228+/-0.020 χ^2/NDF: 61997.0/4

52.376+/-0.016 χ^2/NDF: 161491.1/7

56.000+/-0.026 χ^2/NDF: 67961.2/2

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: 106.460+/-167.207 χ^2/NDF:8.8/4

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

Left In: 194.223+/-202.324 χ^2/NDF:2.5/2

106.460+/-167.207 χ^2/NDF: 8.8/4

142.076+/-128.888 χ^2/NDF: 11.4/7

194.223+/-202.324 χ^2/NDF: 2.5/2

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: 298.095+/-0.118 χ^2/NDF:343810.9/4

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

Left In: 310.108+/-0.143 χ^2/NDF:216685.0/2

298.095+/-0.118 χ^2/NDF: 343810.9/4

302.970+/-0.091 χ^2/NDF: 564685.6/7

310.108+/-0.143 χ^2/NDF: 216685.0/2

asym_sam_15_37_dd_mean vs Slug, Sign Corrected

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

Left Out: -210.173+/-168.432 χ^2/NDF:8.8/4

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

Left In: -224.120+/-202.830 χ^2/NDF:2.7/2

-210.173+/-168.432 χ^2/NDF: 8.8/4

-215.865+/-129.579 χ^2/NDF: 11.6/7

-224.120+/-202.830 χ^2/NDF: 2.7/2

asym_sam_15_37_dd_rms vs Slug, Sign Corrected

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

Left Out: 299.888+/-0.119 χ^2/NDF:335796.6/4

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

Left In: 309.705+/-0.143 χ^2/NDF:225882.0/2

299.888+/-0.119 χ^2/NDF: 335796.6/4

303.894+/-0.092 χ^2/NDF: 564451.8/7

309.705+/-0.143 χ^2/NDF: 225882.0/2

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: 1.510+/-55.245 χ^2/NDF:2.5/4

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

Left In: -58.003+/-64.155 χ^2/NDF:0.4/2

1.510+/-55.245 χ^2/NDF: 2.5/4

-23.830+/-41.863 χ^2/NDF: 3.4/7

-58.003+/-64.155 χ^2/NDF: 0.4/2

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: 98.294+/-0.039 χ^2/NDF:123133.9/4

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

Left In: 100.436+/-0.045 χ^2/NDF:249.4/2

98.294+/-0.039 χ^2/NDF: 123133.9/4

99.206+/-0.030 χ^2/NDF: 124664.0/7

100.436+/-0.045 χ^2/NDF: 249.4/2

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: -630.597+/-487.268 χ^2/NDF:11.1/4

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

Left In: -30.916+/-570.321 χ^2/NDF:2.5/2

-630.597+/-487.268 χ^2/NDF: 11.1/4

-377.561+/-370.468 χ^2/NDF: 14.2/7

-30.916+/-570.321 χ^2/NDF: 2.5/2

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: 863.582+/-0.345 χ^2/NDF:67786.3/4

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

Left In: 883.564+/-0.403 χ^2/NDF:134499.3/2

863.582+/-0.345 χ^2/NDF: 67786.3/4

872.014+/-0.262 χ^2/NDF: 203704.8/7

883.564+/-0.403 χ^2/NDF: 134499.3/2

asym_sam_24_68_dd_mean vs Slug, Sign Corrected

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

Left Out: 707.445+/-475.512 χ^2/NDF:10.4/4

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

Left In: -13.947+/-571.594 χ^2/NDF:2.2/2

707.445+/-475.512 χ^2/NDF: 10.4/4

412.390+/-365.555 χ^2/NDF: 13.6/7

-13.947+/-571.594 χ^2/NDF: 2.2/2

asym_sam_24_68_dd_rms vs Slug, Sign Corrected

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

Left Out: 865.402+/-0.336 χ^2/NDF:58435.3/4

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

Left In: 888.290+/-0.404 χ^2/NDF:131475.4/2

865.402+/-0.336 χ^2/NDF: 58435.3/4

874.764+/-0.258 χ^2/NDF: 191805.8/7

888.290+/-0.404 χ^2/NDF: 131475.4/2

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: -12.503+/-51.707 χ^2/NDF:3.9/4

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

Left In: 81.655+/-61.008 χ^2/NDF:0.6/2

-12.503+/-51.707 χ^2/NDF: 3.9/4

26.859+/-39.445 χ^2/NDF: 5.9/7

81.655+/-61.008 χ^2/NDF: 0.6/2

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: 91.854+/-0.037 χ^2/NDF:203863.5/4

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

Left In: 94.832+/-0.043 χ^2/NDF:8750.7/2

91.854+/-0.037 χ^2/NDF: 203863.5/4

93.099+/-0.028 χ^2/NDF: 215388.6/7

94.832+/-0.043 χ^2/NDF: 8750.7/2

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:4.5/4

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

Left In: 0.000+/-0.000 χ^2/NDF:2.9/2

-0.000+/-0.000 χ^2/NDF: 4.5/4

-0.000+/-0.000 χ^2/NDF: 7.4/7

0.000+/-0.000 χ^2/NDF: 2.9/2

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:5236347.6/4

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

Left In: 0.000+/-0.000 χ^2/NDF:3249137.5/2

0.000+/-0.000 χ^2/NDF: 5236347.6/4

0.000+/-0.000 χ^2/NDF: 8485512.1/7

0.000+/-0.000 χ^2/NDF: 3249137.5/2

asym_sam_26_48_dd_mean vs Slug, Sign Corrected

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

Left Out: -371.820+/-251.325 χ^2/NDF:3.7/4

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

Left In: 722.828+/-300.054 χ^2/NDF:1.7/2

-371.820+/-251.325 χ^2/NDF: 3.7/4

79.514+/-192.669 χ^2/NDF: 13.2/7

722.828+/-300.054 χ^2/NDF: 1.7/2

asym_sam_26_48_dd_rms vs Slug, Sign Corrected

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

Left Out: 454.954+/-0.178 χ^2/NDF:198985.4/4

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

Left In: 467.793+/-0.212 χ^2/NDF:41021.8/2

454.954+/-0.178 χ^2/NDF: 198985.4/4

460.247+/-0.136 χ^2/NDF: 242159.3/7

467.793+/-0.212 χ^2/NDF: 41021.8/2

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected

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

Left Out: 59.200+/-64.682 χ^2/NDF:4.7/4

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

Left In: -28.430+/-71.401 χ^2/NDF:0.1/2

59.200+/-64.682 χ^2/NDF: 4.7/4

19.701+/-47.937 χ^2/NDF: 5.7/7

-28.430+/-71.401 χ^2/NDF: 0.1/2

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected

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

Left Out: 114.139+/-0.046 χ^2/NDF:190413.0/4

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

Left In: 111.534+/-0.050 χ^2/NDF:1535.4/2

114.139+/-0.046 χ^2/NDF: 190413.0/4

112.965+/-0.034 χ^2/NDF: 193409.9/7

111.534+/-0.050 χ^2/NDF: 1535.4/2

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected

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

Left Out: -498.605+/-371.600 χ^2/NDF:6.0/4

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

Left In: 817.417+/-432.367 χ^2/NDF:2.1/2

-498.605+/-371.600 χ^2/NDF: 6.0/4

60.501+/-281.818 χ^2/NDF: 13.4/7

817.417+/-432.367 χ^2/NDF: 2.1/2

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected

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

Left Out: 656.195+/-0.263 χ^2/NDF:177296.4/4

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

Left In: 672.695+/-0.306 χ^2/NDF:86496.5/2

656.195+/-0.263 χ^2/NDF: 177296.4/4

663.205+/-0.199 χ^2/NDF: 265468.0/7

672.695+/-0.306 χ^2/NDF: 86496.5/2

asym_sam_1548_avg_mean vs Slug, Sign Corrected

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

Left Out: 708.373+/-353.263 χ^2/NDF:6.4/4

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

Left In: -854.828+/-424.369 χ^2/NDF:2.1/2

708.373+/-353.263 χ^2/NDF: 6.4/4

68.524+/-271.503 χ^2/NDF: 16.5/7

-854.828+/-424.369 χ^2/NDF: 2.1/2

asym_sam_1548_avg_rms vs Slug, Sign Corrected

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

Left Out: 641.075+/-0.250 χ^2/NDF:163686.0/4

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

Left In: 661.162+/-0.300 χ^2/NDF:90166.5/2

641.075+/-0.250 χ^2/NDF: 163686.0/4

649.297+/-0.192 χ^2/NDF: 256499.4/7

661.162+/-0.300 χ^2/NDF: 90166.5/2

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected

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

Left Out: 126.745+/-69.970 χ^2/NDF:5.2/4

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

Left In: -31.774+/-81.347 χ^2/NDF:0.1/2

126.745+/-69.970 χ^2/NDF: 5.2/4

59.337+/-53.047 χ^2/NDF: 7.5/7

-31.774+/-81.347 χ^2/NDF: 0.1/2

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected

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

Left Out: 122.282+/-0.049 χ^2/NDF:244167.5/4

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

Left In: 126.259+/-0.058 χ^2/NDF:6318.3/2

122.282+/-0.049 χ^2/NDF: 244167.5/4

123.973+/-0.038 χ^2/NDF: 253233.7/7

126.259+/-0.058 χ^2/NDF: 6318.3/2

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected

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

Left Out: -639.957+/-436.012 χ^2/NDF:10.2/4

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

Left In: 626.240+/-502.793 χ^2/NDF:2.1/2

-639.957+/-436.012 χ^2/NDF: 10.2/4

-96.476+/-329.406 χ^2/NDF: 16.0/7

626.240+/-502.793 χ^2/NDF: 2.1/2

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected

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

Left Out: 762.551+/-0.308 χ^2/NDF:270539.8/4

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

Left In: 771.131+/-0.356 χ^2/NDF:219274.3/2

762.551+/-0.308 χ^2/NDF: 270539.8/4

766.234+/-0.233 χ^2/NDF: 490146.6/7

771.131+/-0.356 χ^2/NDF: 219274.3/2

asym_sam_3748_avg_mean vs Slug, Sign Corrected

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

Left Out: 935.027+/-421.419 χ^2/NDF:10.4/4

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

Left In: -677.613+/-501.866 χ^2/NDF:1.8/2

935.027+/-421.419 χ^2/NDF: 10.4/4

268.160+/-322.730 χ^2/NDF: 18.2/7

-677.613+/-501.866 χ^2/NDF: 1.8/2

asym_sam_3748_avg_rms vs Slug, Sign Corrected

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

Left Out: 757.616+/-0.298 χ^2/NDF:245853.5/4

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

Left In: 770.440+/-0.355 χ^2/NDF:215261.2/2

757.616+/-0.298 χ^2/NDF: 245853.5/4

762.919+/-0.228 χ^2/NDF: 461880.5/7

770.440+/-0.355 χ^2/NDF: 215261.2/2

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected

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

Left Out: 68.351+/-40.142 χ^2/NDF:1.6/4

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

Left In: 29.556+/-46.523 χ^2/NDF:0.7/2

68.351+/-40.142 χ^2/NDF: 1.6/4

51.795+/-30.392 χ^2/NDF: 2.7/7

29.556+/-46.523 χ^2/NDF: 0.7/2

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected

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

Left Out: 71.797+/-0.028 χ^2/NDF:89126.9/4

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

Left In: 72.819+/-0.033 χ^2/NDF:11377.4/2

71.797+/-0.028 χ^2/NDF: 89126.9/4

72.234+/-0.021 χ^2/NDF: 101057.5/7

72.819+/-0.033 χ^2/NDF: 11377.4/2

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected

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

Left Out: -218.297+/-142.261 χ^2/NDF:11.2/4

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

Left In: 130.963+/-167.278 χ^2/NDF:2.2/2

-218.297+/-142.261 χ^2/NDF: 11.2/4

-71.711+/-108.370 χ^2/NDF: 16.0/7

130.963+/-167.278 χ^2/NDF: 2.2/2

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected

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

Left Out: 247.132+/-0.101 χ^2/NDF:336508.8/4

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

Left In: 253.953+/-0.118 χ^2/NDF:304200.4/2

247.132+/-0.101 χ^2/NDF: 336508.8/4

249.995+/-0.077 χ^2/NDF: 642638.8/7

253.953+/-0.118 χ^2/NDF: 304200.4/2

asym_sam_1526_avg_mean vs Slug, Sign Corrected

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

Left Out: 342.707+/-144.213 χ^2/NDF:10.5/4

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

Left In: -130.942+/-174.269 χ^2/NDF:1.4/2

342.707+/-144.213 χ^2/NDF: 10.5/4

150.186+/-111.104 χ^2/NDF: 16.4/7

-130.942+/-174.269 χ^2/NDF: 1.4/2

asym_sam_1526_avg_rms vs Slug, Sign Corrected

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

Left Out: 257.941+/-0.102 χ^2/NDF:284357.7/4

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

Left In: 265.430+/-0.123 χ^2/NDF:280541.2/2

257.941+/-0.102 χ^2/NDF: 284357.7/4

260.985+/-0.079 χ^2/NDF: 567091.1/7

265.430+/-0.123 χ^2/NDF: 280541.2/2

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected

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

Left Out: 123.444+/-56.692 χ^2/NDF:1.3/4

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

Left In: 27.971+/-70.613 χ^2/NDF:0.7/2

123.444+/-56.692 χ^2/NDF: 1.3/4

86.024+/-44.208 χ^2/NDF: 3.1/7

27.971+/-70.613 χ^2/NDF: 0.7/2

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected

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

Left Out: 100.304+/-0.040 χ^2/NDF:154254.7/4

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

Left In: 109.034+/-0.050 χ^2/NDF:37075.1/2

100.304+/-0.040 χ^2/NDF: 154254.7/4

103.726+/-0.031 χ^2/NDF: 209914.2/7

109.034+/-0.050 χ^2/NDF: 37075.1/2

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected

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

Left Out: -350.994+/-287.058 χ^2/NDF:10.6/4

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

Left In: -90.368+/-336.719 χ^2/NDF:2.4/2

-350.994+/-287.058 χ^2/NDF: 10.6/4

-241.300+/-218.449 χ^2/NDF: 13.4/7

-90.368+/-336.719 χ^2/NDF: 2.4/2

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected

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

Left Out: 490.255+/-0.203 χ^2/NDF:518301.5/4

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

Left In: 504.965+/-0.238 χ^2/NDF:368230.0/2

490.255+/-0.203 χ^2/NDF: 518301.5/4

496.447+/-0.154 χ^2/NDF: 888741.9/7

504.965+/-0.238 χ^2/NDF: 368230.0/2

asym_sam_3726_avg_mean vs Slug, Sign Corrected

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

Left Out: 538.698+/-281.997 χ^2/NDF:10.2/4

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

Left In: 133.546+/-337.622 χ^2/NDF:1.7/2

538.698+/-281.997 χ^2/NDF: 10.2/4

372.203+/-216.432 χ^2/NDF: 12.8/7

133.546+/-337.622 χ^2/NDF: 1.7/2

asym_sam_3726_avg_rms vs Slug, Sign Corrected

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

Left Out: 495.169+/-0.199 χ^2/NDF:482945.4/4

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

Left In: 504.882+/-0.239 χ^2/NDF:389300.9/2

495.169+/-0.199 χ^2/NDF: 482945.4/4

499.161+/-0.153 χ^2/NDF: 873221.4/7

504.882+/-0.239 χ^2/NDF: 389300.9/2

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: -21.733+/-37.079 χ^2/NDF:6.8/4

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

Left In: 21.100+/-42.939 χ^2/NDF:0.2/2

-21.733+/-37.079 χ^2/NDF: 6.8/4

-3.437+/-28.064 χ^2/NDF: 7.5/7

21.100+/-42.939 χ^2/NDF: 0.2/2

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: 64.485+/-0.026 χ^2/NDF:290054.8/4

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

Left In: 66.441+/-0.030 χ^2/NDF:3226.9/2

64.485+/-0.026 χ^2/NDF: 290054.8/4

65.321+/-0.020 χ^2/NDF: 295659.5/7

66.441+/-0.030 χ^2/NDF: 3226.9/2

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: 357.326+/-242.974 χ^2/NDF:10.5/4

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

Left In: -317.884+/-279.727 χ^2/NDF:2.2/2

357.326+/-242.974 χ^2/NDF: 10.5/4

66.964+/-183.436 χ^2/NDF: 16.0/7

-317.884+/-279.727 χ^2/NDF: 2.2/2

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: 425.640+/-0.172 χ^2/NDF:245164.1/4

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

Left In: 429.301+/-0.198 χ^2/NDF:214391.6/2

425.640+/-0.172 χ^2/NDF: 245164.1/4

427.215+/-0.130 χ^2/NDF: 459751.0/7

429.301+/-0.198 χ^2/NDF: 214391.6/2

asym_sam_15_48_dd_mean vs Slug, Sign Corrected

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

Left Out: -469.597+/-234.258 χ^2/NDF:10.9/4

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

Left In: 345.477+/-278.641 χ^2/NDF:1.8/2

-469.597+/-234.258 χ^2/NDF: 10.9/4

-132.066+/-179.309 χ^2/NDF: 17.7/7

345.477+/-278.641 χ^2/NDF: 1.8/2

asym_sam_15_48_dd_rms vs Slug, Sign Corrected

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

Left Out: 421.677+/-0.166 χ^2/NDF:226969.0/4

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

Left In: 427.878+/-0.197 χ^2/NDF:213540.4/2

421.677+/-0.166 χ^2/NDF: 226969.0/4

424.245+/-0.127 χ^2/NDF: 441089.8/7

427.878+/-0.197 χ^2/NDF: 213540.4/2

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: 40.805+/-37.906 χ^2/NDF:5.0/4

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

Left In: 21.709+/-43.558 χ^2/NDF:0.5/2

40.805+/-37.906 χ^2/NDF: 5.0/4

32.575+/-28.594 χ^2/NDF: 5.7/7

21.709+/-43.558 χ^2/NDF: 0.5/2

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: 67.358+/-0.027 χ^2/NDF:167819.9/4

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

Left In: 68.020+/-0.031 χ^2/NDF:4191.8/2

67.358+/-0.027 χ^2/NDF: 167819.9/4

67.643+/-0.020 χ^2/NDF: 172274.5/7

68.020+/-0.031 χ^2/NDF: 4191.8/2

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: 177.502+/-198.802 χ^2/NDF:3.2/4

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

Left In: -498.322+/-229.682 χ^2/NDF:1.7/2

177.502+/-198.802 χ^2/NDF: 3.2/4

-111.957+/-150.315 χ^2/NDF: 9.8/7

-498.322+/-229.682 χ^2/NDF: 1.7/2

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: 352.115+/-0.141 χ^2/NDF:140197.8/4

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

Left In: 359.160+/-0.162 χ^2/NDF:17100.1/2

352.115+/-0.141 χ^2/NDF: 140197.8/4

355.133+/-0.106 χ^2/NDF: 158373.7/7

359.160+/-0.162 χ^2/NDF: 17100.1/2

asym_sam_37_48_dd_mean vs Slug, Sign Corrected

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

Left Out: -233.245+/-186.048 χ^2/NDF:3.5/4

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

Left In: 516.244+/-222.577 χ^2/NDF:1.9/2

-233.245+/-186.048 χ^2/NDF: 3.5/4

75.031+/-142.747 χ^2/NDF: 12.1/7

516.244+/-222.577 χ^2/NDF: 1.9/2

asym_sam_37_48_dd_rms vs Slug, Sign Corrected

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

Left Out: 338.427+/-0.132 χ^2/NDF:138812.8/4

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

Left In: 348.501+/-0.157 χ^2/NDF:22891.6/2

338.427+/-0.132 χ^2/NDF: 138812.8/4

342.571+/-0.101 χ^2/NDF: 164116.2/7

348.501+/-0.157 χ^2/NDF: 22891.6/2

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: -1.172+/-38.171 χ^2/NDF:0.5/4

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

Left In: -45.673+/-48.306 χ^2/NDF:1.2/2

-1.172+/-38.171 χ^2/NDF: 0.5/4

-18.278+/-29.949 χ^2/NDF: 2.3/7

-45.673+/-48.306 χ^2/NDF: 1.2/2

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected

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

Left Out: 68.404+/-0.027 χ^2/NDF:113382.9/4

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

Left In: 74.904+/-0.034 χ^2/NDF:2671.0/2

68.404+/-0.027 χ^2/NDF: 113382.9/4

70.902+/-0.021 χ^2/NDF: 138351.2/7

74.904+/-0.034 χ^2/NDF: 2671.0/2

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: 123.200+/-194.982 χ^2/NDF:6.2/4

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

Left In: 347.450+/-232.919 χ^2/NDF:2.0/2

123.200+/-194.982 χ^2/NDF: 6.2/4

215.598+/-149.510 χ^2/NDF: 8.7/7

347.450+/-232.919 χ^2/NDF: 2.0/2

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: 338.394+/-0.138 χ^2/NDF:363113.0/4

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

Left In: 357.943+/-0.165 χ^2/NDF:145097.8/2

338.394+/-0.138 χ^2/NDF: 363113.0/4

346.449+/-0.106 χ^2/NDF: 516494.2/7

357.943+/-0.165 χ^2/NDF: 145097.8/2

asym_sam_15_26_dd_mean vs Slug, Sign Corrected

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

Left Out: -64.881+/-184.759 χ^2/NDF:6.2/4

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

Left In: -423.164+/-226.091 χ^2/NDF:1.8/2

-64.881+/-184.759 χ^2/NDF: 6.2/4

-208.340+/-143.065 χ^2/NDF: 9.5/7

-423.164+/-226.091 χ^2/NDF: 1.8/2

asym_sam_15_26_dd_rms vs Slug, Sign Corrected

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

Left Out: 328.578+/-0.131 χ^2/NDF:379092.1/4

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

Left In: 346.369+/-0.160 χ^2/NDF:177766.7/2

328.578+/-0.131 χ^2/NDF: 379092.1/4

335.702+/-0.101 χ^2/NDF: 564284.9/7

346.369+/-0.160 χ^2/NDF: 177766.7/2

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: 45.125+/-24.986 χ^2/NDF:3.3/4

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

Left In: -52.853+/-30.373 χ^2/NDF:0.6/2

45.125+/-24.986 χ^2/NDF: 3.3/4

5.580+/-19.296 χ^2/NDF: 10.1/7

-52.853+/-30.373 χ^2/NDF: 0.6/2

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected

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

Left Out: 45.325+/-0.018 χ^2/NDF:74392.4/4

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

Left In: 47.653+/-0.021 χ^2/NDF:6478.2/2

45.325+/-0.018 χ^2/NDF: 74392.4/4

46.265+/-0.014 χ^2/NDF: 87877.2/7

47.653+/-0.021 χ^2/NDF: 6478.2/2

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: -54.955+/-71.044 χ^2/NDF:5.2/4

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

Left In: 171.777+/-81.558 χ^2/NDF:0.8/2

-54.955+/-71.044 χ^2/NDF: 5.2/4

42.863+/-53.570 χ^2/NDF: 10.3/7

171.777+/-81.558 χ^2/NDF: 0.8/2

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: 122.155+/-0.050 χ^2/NDF:497389.5/4

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

Left In: 125.315+/-0.058 χ^2/NDF:119297.6/2

122.155+/-0.050 χ^2/NDF: 497389.5/4

123.518+/-0.038 χ^2/NDF: 618394.7/7

125.315+/-0.058 χ^2/NDF: 119297.6/2

asym_sam_37_26_dd_mean vs Slug, Sign Corrected

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

Left Out: 136.268+/-66.711 χ^2/NDF:4.2/4

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

Left In: -198.523+/-79.254 χ^2/NDF:1.2/2

136.268+/-66.711 χ^2/NDF: 4.2/4

-2.570+/-51.037 χ^2/NDF: 15.8/7

-198.523+/-79.254 χ^2/NDF: 1.2/2

asym_sam_37_26_dd_rms vs Slug, Sign Corrected

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

Left Out: 118.359+/-0.047 χ^2/NDF:447379.6/4

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

Left In: 121.460+/-0.056 χ^2/NDF:139335.1/2

118.359+/-0.047 χ^2/NDF: 447379.6/4

119.645+/-0.036 χ^2/NDF: 588507.1/7

121.460+/-0.056 χ^2/NDF: 139335.1/2

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected

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

Left Out: 103.614+/-36.562 χ^2/NDF:2.9/4

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

Left In: -13.641+/-42.370 χ^2/NDF:0.1/2

103.614+/-36.562 χ^2/NDF: 2.9/4

53.568+/-27.680 χ^2/NDF: 7.4/7

-13.641+/-42.370 χ^2/NDF: 0.1/2

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected

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

Left Out: 64.705+/-0.026 χ^2/NDF:135388.2/4

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

Left In: 66.012+/-0.030 χ^2/NDF:19854.4/2

64.705+/-0.026 χ^2/NDF: 135388.2/4

65.263+/-0.020 χ^2/NDF: 156332.9/7

66.012+/-0.030 χ^2/NDF: 19854.4/2

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected

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

Left Out: -179.838+/-188.484 χ^2/NDF:10.1/4

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

Left In: 305.714+/-228.021 χ^2/NDF:1.7/2

-179.838+/-188.484 χ^2/NDF: 10.1/4

17.259+/-145.277 χ^2/NDF: 14.4/7

305.714+/-228.021 χ^2/NDF: 1.7/2

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected

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

Left Out: 338.112+/-0.133 χ^2/NDF:312692.5/4

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

Left In: 351.524+/-0.161 χ^2/NDF:204923.9/2

338.112+/-0.133 χ^2/NDF: 312692.5/4

343.556+/-0.103 χ^2/NDF: 521727.4/7

351.524+/-0.161 χ^2/NDF: 204923.9/2

asym_sam_1357_avg_mean vs Slug, Sign Corrected

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

Left Out: 464.679+/-189.219 χ^2/NDF:9.8/4

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

Left In: -334.054+/-225.609 χ^2/NDF:1.7/2

464.679+/-189.219 χ^2/NDF: 9.8/4

134.845+/-144.978 χ^2/NDF: 18.9/7

-334.054+/-225.609 χ^2/NDF: 1.7/2

asym_sam_1357_avg_rms vs Slug, Sign Corrected

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

Left Out: 340.129+/-0.134 χ^2/NDF:251986.2/4

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

Left In: 346.746+/-0.160 χ^2/NDF:206588.4/2

340.129+/-0.134 χ^2/NDF: 251986.2/4

342.861+/-0.103 χ^2/NDF: 459584.8/7

346.746+/-0.160 χ^2/NDF: 206588.4/2

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected

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

Left Out: 84.747+/-68.209 χ^2/NDF:3.7/4

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

Left In: 14.245+/-77.985 χ^2/NDF:0.3/2

84.747+/-68.209 χ^2/NDF: 3.7/4

54.189+/-51.342 χ^2/NDF: 4.5/7

14.245+/-77.985 χ^2/NDF: 0.3/2

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected

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

Left Out: 119.542+/-0.048 χ^2/NDF:211801.6/4

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

Left In: 121.190+/-0.055 χ^2/NDF:11272.6/2

119.542+/-0.048 χ^2/NDF: 211801.6/4

120.257+/-0.036 χ^2/NDF: 223580.3/7

121.190+/-0.055 χ^2/NDF: 11272.6/2

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected

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

Left Out: -576.809+/-382.776 χ^2/NDF:11.0/4

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

Left In: 447.582+/-444.421 χ^2/NDF:2.2/2

-576.809+/-382.776 χ^2/NDF: 11.0/4

-140.532+/-290.030 χ^2/NDF: 16.3/7

447.582+/-444.421 χ^2/NDF: 2.2/2

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected

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

Left Out: 668.967+/-0.271 χ^2/NDF:269721.6/4

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

Left In: 679.601+/-0.314 χ^2/NDF:244849.8/2

668.967+/-0.271 χ^2/NDF: 269721.6/4

673.496+/-0.205 χ^2/NDF: 515228.7/7

679.601+/-0.314 χ^2/NDF: 244849.8/2

asym_sam_2468_avg_mean vs Slug, Sign Corrected

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

Left Out: 815.727+/-374.693 χ^2/NDF:11.0/4

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

Left In: -476.331+/-448.321 χ^2/NDF:1.7/2

815.727+/-374.693 χ^2/NDF: 11.0/4

284.369+/-287.502 χ^2/NDF: 17.6/7

-476.331+/-448.321 χ^2/NDF: 1.7/2

asym_sam_2468_avg_rms vs Slug, Sign Corrected

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

Left Out: 673.070+/-0.265 χ^2/NDF:244301.5/4

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

Left In: 686.457+/-0.317 χ^2/NDF:239061.1/2

673.070+/-0.265 χ^2/NDF: 244301.5/4

678.575+/-0.203 χ^2/NDF: 484412.6/7

686.457+/-0.317 χ^2/NDF: 239061.1/2

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: 12.071+/-19.423 χ^2/NDF:3.7/4

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

Left In: -11.419+/-21.912 χ^2/NDF:0.6/2

12.071+/-19.423 χ^2/NDF: 3.7/4

1.735+/-14.535 χ^2/NDF: 4.9/7

-11.419+/-21.912 χ^2/NDF: 0.6/2

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: 34.210+/-0.014 χ^2/NDF:193817.5/4

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

Left In: 34.127+/-0.015 χ^2/NDF:8585.8/2

34.210+/-0.014 χ^2/NDF: 193817.5/4

34.174+/-0.010 χ^2/NDF: 202419.6/7

34.127+/-0.015 χ^2/NDF: 8585.8/2

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: 173.632+/-93.854 χ^2/NDF:11.3/4

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

Left In: -71.375+/-114.524 χ^2/NDF:2.8/2

173.632+/-93.854 χ^2/NDF: 11.3/4

75.194+/-72.592 χ^2/NDF: 16.9/7

-71.375+/-114.524 χ^2/NDF: 2.8/2

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: 168.528+/-0.066 χ^2/NDF:270640.4/4

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

Left In: 175.604+/-0.081 χ^2/NDF:248022.1/2

168.528+/-0.066 χ^2/NDF: 270640.4/4

171.371+/-0.051 χ^2/NDF: 523229.7/7

175.604+/-0.081 χ^2/NDF: 248022.1/2

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected

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

Left Out: -176.027+/-96.459 χ^2/NDF:11.5/4

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

Left In: 70.749+/-116.034 χ^2/NDF:1.7/2

-176.027+/-96.459 χ^2/NDF: 11.5/4

-75.181+/-74.176 χ^2/NDF: 15.9/7

70.749+/-116.034 χ^2/NDF: 1.7/2

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected

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

Left Out: 173.470+/-0.068 χ^2/NDF:218757.3/4

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

Left In: 177.516+/-0.082 χ^2/NDF:245901.5/2

173.470+/-0.068 χ^2/NDF: 218757.3/4

175.124+/-0.052 χ^2/NDF: 466097.1/7

177.516+/-0.082 χ^2/NDF: 245901.5/2

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected

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

Left Out: 95.641+/-51.227 χ^2/NDF:3.6/4

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

Left In: 0.799+/-58.887 χ^2/NDF:0.2/2

95.641+/-51.227 χ^2/NDF: 3.6/4

54.786+/-38.649 χ^2/NDF: 5.2/7

0.799+/-58.887 χ^2/NDF: 0.2/2

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected

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

Left Out: 89.968+/-0.036 χ^2/NDF:191673.9/4

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

Left In: 91.570+/-0.042 χ^2/NDF:11877.2/2

89.968+/-0.036 χ^2/NDF: 191673.9/4

90.658+/-0.027 χ^2/NDF: 204393.7/7

91.570+/-0.042 χ^2/NDF: 11877.2/2

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected

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

Left Out: -36.547+/-210.176 χ^2/NDF:13.7/4

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

Left In: 287.582+/-319.370 χ^2/NDF:2.2/2

-36.547+/-210.176 χ^2/NDF: 13.7/4

61.407+/-175.568 χ^2/NDF: 16.6/7

287.582+/-319.370 χ^2/NDF: 2.2/2

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected

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

Left Out: 328.111+/-0.149 χ^2/NDF:1484012.7/4

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

Left In: 478.947+/-0.226 χ^2/NDF:330655.9/2

328.111+/-0.149 χ^2/NDF: 1484012.7/4

373.695+/-0.124 χ^2/NDF: 2125968.8/7

478.947+/-0.226 χ^2/NDF: 330655.9/2

asym_sam_12345678_avg_mean vs Slug, Sign Corrected

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

Left Out: 639.811+/-280.699 χ^2/NDF:10.7/4

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

Left In: -405.272+/-335.422 χ^2/NDF:1.7/2

639.811+/-280.699 χ^2/NDF: 10.7/4

209.366+/-215.266 χ^2/NDF: 18.1/7

-405.272+/-335.422 χ^2/NDF: 1.7/2

asym_sam_12345678_avg_rms vs Slug, Sign Corrected

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

Left Out: 504.234+/-0.198 χ^2/NDF:249229.6/4

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

Left In: 514.093+/-0.237 χ^2/NDF:230801.4/2

504.234+/-0.198 χ^2/NDF: 249229.6/4

508.295+/-0.152 χ^2/NDF: 481047.2/7

514.093+/-0.237 χ^2/NDF: 230801.4/2

dit_usl_4aX_slope vs Slug, Sign Corrected

Right In: -158.222+/-0.000 χ^2/NDF: 117166.2/15

Left Out: -301.516+/-0.447 χ^2/NDF:14747.3/3

Right Out: 194.144+/-0.165 χ^2/NDF: 176874.6/18

Left In: 324.327+/-0.378 χ^2/NDF:11926.2/2

-158.222+/-0.000 χ^2/NDF: 234504.8/19

-158.222+/-0.000 χ^2/NDF: 6616838.1/41

215.010+/-0.151 χ^2/NDF: 288585.4/21

dit_usl_4eX_slope vs Slug, Sign Corrected

Right In: 174.085+/-0.000 χ^2/NDF: 53377.4/15

Left Out: 272.249+/-0.480 χ^2/NDF:15818.2/3

Right Out: -149.900+/-0.195 χ^2/NDF: 167887.8/18

Left In: -300.903+/-0.402 χ^2/NDF:11923.0/2

174.085+/-0.000 χ^2/NDF: 111060.9/19

174.085+/-0.000 χ^2/NDF: 4437109.3/41

-178.775+/-0.176 χ^2/NDF: 294008.3/21

dit_usl_11X12X_slope vs Slug, Sign Corrected

Right In: -46.126+/-0.000 χ^2/NDF: 201273.7/15

Left Out: -43.917+/-0.018 χ^2/NDF:44470.7/3

Right Out: 28.139+/-0.000 χ^2/NDF: 747096.2/18

Left In: 55.961+/-0.043 χ^2/NDF:18447.5/2

-46.126+/-0.000 χ^2/NDF: 260684.0/19

-19.915+/-0.000 χ^2/NDF: 424121047777

28.139+/-0.000 χ^2/NDF: 1180366.3/21

dit_usl_4aY_slope vs Slug, Sign Corrected

Right In: -2.061+/-0.018 χ^2/NDF: 25665.1/15

Left Out: -0.189+/-0.025 χ^2/NDF:2012.0/3

Right Out: -13.204+/-0.000 χ^2/NDF: 510223.0/18

Left In: 0.372+/-0.021 χ^2/NDF:833.0/2

-1.435+/-0.015 χ^2/NDF: 31367.8/19

-13.204+/-0.000 χ^2/NDF: 1600236.4/41

-13.204+/-0.000 χ^2/NDF: 913534.5/21

dit_usl_4eY_slope vs Slug, Sign Corrected

Right In: 22.711+/-0.019 χ^2/NDF: 22767.9/15

Left Out: 23.516+/-0.045 χ^2/NDF:6925.2/3

Right Out: -21.790+/-0.022 χ^2/NDF: 26671.0/18

Left In: -25.214+/-0.039 χ^2/NDF:7647.6/2

22.830+/-0.017 χ^2/NDF: 29967.4/19

2.093+/-0.013 χ^2/NDF: 3215896.0/41

-22.580+/-0.019 χ^2/NDF: 40159.9/21

dit_usr_4aX_slope vs Slug, Sign Corrected

Right In: -276.201+/-0.167 χ^2/NDF: 58107.7/16

Left Out: -365.039+/-0.295 χ^2/NDF:8742.8/4

Right Out: 281.109+/-0.147 χ^2/NDF: 77714.4/19

Left In: 361.859+/-0.246 χ^2/NDF:11043.3/2

-297.691+/-0.145 χ^2/NDF: 135661.7/21

43.086+/-0.095 χ^2/NDF: 10027177.0/44

302.445+/-0.127 χ^2/NDF: 167947.2/22

dit_usr_4eX_slope vs Slug, Sign Corrected

Right In: 374.094+/-0.000 χ^2/NDF: 35072.0/16

Left Out: 464.909+/-0.317 χ^2/NDF:9802.6/4

Right Out: -373.121+/-0.158 χ^2/NDF: 108233.2/19

Left In: -458.684+/-0.260 χ^2/NDF:11111.1/2

374.094+/-0.000 χ^2/NDF: 127006.6/21

374.094+/-0.000 χ^2/NDF: 32909686.9/44

-396.197+/-0.135 χ^2/NDF: 198530.2/22

dit_usr_11X12X_slope vs Slug, Sign Corrected

Right In: -42.744+/-0.000 χ^2/NDF: 13262.6/16

Left Out: -46.606+/-0.020 χ^2/NDF:40710.5/4

Right Out: 29.754+/-0.000 χ^2/NDF: 484074.9/19

Left In: 45.333+/-0.022 χ^2/NDF:17358.6/2

-42.744+/-0.000 χ^2/NDF: 90201.3/21

-17.157+/-0.000 χ^2/NDF: 404170008922

29.754+/-0.000 χ^2/NDF: 1020052.5/22

dit_usr_4aY_slope vs Slug, Sign Corrected

Right In: -9.259+/-0.000 χ^2/NDF: 405850.5/16

Left Out: 0.825+/-0.018 χ^2/NDF:3736.8/4

Right Out: -18.504+/-0.000 χ^2/NDF: 7585770.7/19

Left In: -0.827+/-0.019 χ^2/NDF:214.8/2

-9.259+/-0.000 χ^2/NDF: 730182.3/21

-14.353+/-0.000 χ^2/NDF: 1824444798170

-18.504+/-0.000 χ^2/NDF: 8463669.4/22

dit_usr_4eY_slope vs Slug, Sign Corrected

Right In: 16.947+/-0.000 χ^2/NDF: 11231.8/16

Left Out: 14.303+/-0.020 χ^2/NDF:8254.9/4

Right Out: 11.075+/-0.000 χ^2/NDF: 2859461.1/19

Left In: -14.807+/-0.029 χ^2/NDF:3084.9/2

16.947+/-0.000 χ^2/NDF: 37001.7/21

12.920+/-0.000 χ^2/NDF: 2060373135247

11.075+/-0.000 χ^2/NDF: 3682970.8/22

dit_atl1_4aX_slope vs Slug, Sign Corrected

Right In: -205.160+/-0.000 χ^2/NDF: 582775.6/16

Left Out: -140.895+/-0.550 χ^2/NDF:40888.4/4

Right Out: 57.737+/-0.283 χ^2/NDF: 114872.3/19

Left In: 263.331+/-0.756 χ^2/NDF:13390.0/2

-205.160+/-0.000 χ^2/NDF: 637294.2/21

-205.160+/-0.000 χ^2/NDF: 2011686.5/44

82.991+/-0.265 χ^2/NDF: 193061.3/22

dit_atl1_4eX_slope vs Slug, Sign Corrected

Right In: 339.325+/-0.000 χ^2/NDF: 1030606.3/16

Left Out: 180.062+/-0.566 χ^2/NDF:76560.5/4

Right Out: -68.121+/-0.286 χ^2/NDF: 272433.9/19

Left In: -332.488+/-0.817 χ^2/NDF:13658.4/2

339.325+/-0.000 χ^2/NDF: 1186280.8/21

339.325+/-0.000 χ^2/NDF: 4179964.0/44

-96.993+/-0.270 χ^2/NDF: 379459.8/22

dit_atl1_11X12X_slope vs Slug, Sign Corrected

Right In: -48.945+/-0.000 χ^2/NDF: 5408370.4/16

Left Out: -16.842+/-0.021 χ^2/NDF:527483.2/4

Right Out: 27.292+/-0.052 χ^2/NDF: 167901.6/19

Left In: 40.831+/-0.064 χ^2/NDF:17504.3/2

-48.945+/-0.000 χ^2/NDF: 8260917.8/21

-48.945+/-0.000 χ^2/NDF: 12619633.2/44

32.675+/-0.040 χ^2/NDF: 212727.7/22

dit_atl1_4aY_slope vs Slug, Sign Corrected

Right In: 6.728+/-0.000 χ^2/NDF: 13749.2/16

Left Out: 9.533+/-0.035 χ^2/NDF:20365.8/4

Right Out: -9.508+/-0.036 χ^2/NDF: 26838.0/19

Left In: -12.282+/-0.047 χ^2/NDF:555.4/2

6.728+/-0.000 χ^2/NDF: 40722.2/21

6.728+/-0.000 χ^2/NDF: 437526.7/44

-10.510+/-0.028 χ^2/NDF: 29588.0/22

dit_atl1_4eY_slope vs Slug, Sign Corrected

Right In: -19.693+/-0.000 χ^2/NDF: 7579.0/16

Left Out: -11.170+/-0.050 χ^2/NDF:16889.5/4

Right Out: -19.086+/-0.000 χ^2/NDF: 614503.5/19

Left In: 15.359+/-0.071 χ^2/NDF:2251.6/2

-19.693+/-0.000 χ^2/NDF: 53829.3/21

-19.479+/-0.000 χ^2/NDF: 113264166208

-19.086+/-0.000 χ^2/NDF: 849398.4/22

dit_atl2_4aX_slope vs Slug, Sign Corrected

Right In: -889.928+/-0.000 χ^2/NDF: 775896.0/16

Left Out: -2031.170+/-1.172 χ^2/NDF:253941.6/4

Right Out: 1134.421+/-0.000 χ^2/NDF: 735976.1/19

Left In: 2230.623+/-1.134 χ^2/NDF:18825.5/2

-889.928+/-0.000 χ^2/NDF: 1978268.1/21

-175.452+/-0.000 χ^2/NDF: 30774122941

1134.421+/-0.000 χ^2/NDF: 1688580.8/22

dit_atl2_4eX_slope vs Slug, Sign Corrected

Right In: 1171.188+/-0.245 χ^2/NDF: 508989.2/16

Left Out: 2139.278+/-1.239 χ^2/NDF:295441.3/4

Right Out: -1089.717+/-0.253 χ^2/NDF: 1100324.0/19

Left In: -2391.271+/-1.232 χ^2/NDF:18326.3/2

1207.716+/-0.241 χ^2/NDF: 1391770.6/21

68.292+/-0.173 χ^2/NDF: 49801795.4/44

-1142.483+/-0.248 χ^2/NDF: 2188970.7/22

dit_atl2_11X12X_slope vs Slug, Sign Corrected

Right In: -212.190+/-0.000 χ^2/NDF: 1149195.1/16

Left Out: -231.898+/-0.060 χ^2/NDF:4905487.5/4

Right Out: 188.033+/-0.000 χ^2/NDF: 602532.6/19

Left In: 341.516+/-0.098 χ^2/NDF:37541.1/2

-212.190+/-0.000 χ^2/NDF: 6164005.4/21

62.249+/-0.000 χ^2/NDF: 3739212703286

188.033+/-0.000 χ^2/NDF: 3080739.2/22

dit_atl2_4aY_slope vs Slug, Sign Corrected

Right In: -56.037+/-0.000 χ^2/NDF: 1585420.7/16

Left Out: -4.190+/-0.092 χ^2/NDF:8676.8/4

Right Out: 7.483+/-0.042 χ^2/NDF: 173909.3/19

Left In: 9.386+/-0.076 χ^2/NDF:1108.7/2

-56.037+/-0.000 χ^2/NDF: 1911458.0/21

-56.037+/-0.000 χ^2/NDF: 5098802.7/44

7.930+/-0.037 χ^2/NDF: 175497.7/22

dit_atl2_4eY_slope vs Slug, Sign Corrected

Right In: 138.565+/-0.000 χ^2/NDF: 901159.7/16

Left Out: 119.896+/-0.126 χ^2/NDF:268308.7/4

Right Out: -6.866+/-0.000 χ^2/NDF: 8049995.3/19

Left In: -154.873+/-0.093 χ^2/NDF:7489.2/2

138.565+/-0.000 χ^2/NDF: 1191459.6/21

-6.606+/-0.000 χ^2/NDF: 2874933987256

-6.866+/-0.000 χ^2/NDF: 10573585.3/22

dit_atr1_4aX_slope vs Slug, Sign Corrected

Right In: -73.485+/-0.000 χ^2/NDF: 98703.2/16

Left Out: -280.189+/-0.488 χ^2/NDF:7998.2/4

Right Out: 579.681+/-0.261 χ^2/NDF: 3035573.4/19

Left In: 285.395+/-0.559 χ^2/NDF:7309.6/2

-73.485+/-0.000 χ^2/NDF: 286414.9/21

-73.485+/-0.000 χ^2/NDF: 10015339.7/44

527.036+/-0.236 χ^2/NDF: 3270698.7/22

dit_atr1_4eX_slope vs Slug, Sign Corrected

Right In: 42.743+/-0.000 χ^2/NDF: 84599.8/16

Left Out: 250.878+/-0.510 χ^2/NDF:9014.5/4

Right Out: -1036.068+/-0.000 χ^2/NDF: 4943495.9/19

Left In: -255.237+/-0.590 χ^2/NDF:7514.8/2

42.743+/-0.000 χ^2/NDF: 260143.3/21

42.169+/-0.000 χ^2/NDF: 1349990775639

-1036.068+/-0.000 χ^2/NDF: 6701873.6/22

dit_atr1_11X12X_slope vs Slug, Sign Corrected

Right In: -28.822+/-0.035 χ^2/NDF: 49503.4/16

Left Out: -36.561+/-0.032 χ^2/NDF:34384.0/4

Right Out: 22.709+/-0.038 χ^2/NDF: 410178.0/19

Left In: 36.237+/-0.043 χ^2/NDF:17912.7/2

-32.977+/-0.024 χ^2/NDF: 110528.4/21

-7.977+/-0.018 χ^2/NDF: 3348152.0/44

28.602+/-0.029 χ^2/NDF: 483111.0/22

dit_atr1_4aY_slope vs Slug, Sign Corrected

Right In: 13.238+/-0.000 χ^2/NDF: 5756.1/16

Left Out: 14.312+/-0.035 χ^2/NDF:130.1/4

Right Out: 66.739+/-0.000 χ^2/NDF: 3031217.4/19

Left In: -15.303+/-0.037 χ^2/NDF:50.2/2

13.238+/-0.000 χ^2/NDF: 6825.4/21

13.690+/-0.000 χ^2/NDF: 8432486222043

66.739+/-0.000 χ^2/NDF: 8043871.0/22

dit_atr1_4eY_slope vs Slug, Sign Corrected

Right In: -32.504+/-0.000 χ^2/NDF: 74187.4/16

Left Out: -19.581+/-0.043 χ^2/NDF:1771.7/4

Right Out: 23.151+/-0.048 χ^2/NDF: 90749.4/19

Left In: 20.890+/-0.065 χ^2/NDF:1518.4/2

-32.504+/-0.000 χ^2/NDF: 164678.1/21

-32.504+/-0.000 χ^2/NDF: 2301700.4/44

22.362+/-0.038 χ^2/NDF: 93056.6/22

dit_atr2_4aX_slope vs Slug, Sign Corrected

Right In: -1342.107+/-0.000 χ^2/NDF: 370901.4/16

Left Out: -2005.959+/-1.028 χ^2/NDF:9102.5/4

Right Out: 1496.932+/-0.000 χ^2/NDF: 505489.3/19

Left In: 1953.329+/-0.775 χ^2/NDF:12501.2/2

-1342.107+/-0.000 χ^2/NDF: 796819.7/21

-340.094+/-0.000 χ^2/NDF: 60528151856

1496.932+/-0.000 χ^2/NDF: 864410.5/22

dit_atr2_4eX_slope vs Slug, Sign Corrected

Right In: 1873.852+/-0.000 χ^2/NDF: 201563.9/16

Left Out: 2304.023+/-1.142 χ^2/NDF:7158.5/4

Right Out: -1706.740+/-0.302 χ^2/NDF: 837936.9/19

Left In: -2260.488+/-0.805 χ^2/NDF:14079.7/2

1873.852+/-0.000 χ^2/NDF: 350512.3/21

1873.852+/-0.000 χ^2/NDF: 167872291.5/

-1775.214+/-0.283 χ^2/NDF: 1266899.5/22

dit_atr2_11X12X_slope vs Slug, Sign Corrected

Right In: -292.986+/-0.000 χ^2/NDF: 1015592.4/16

Left Out: -285.171+/-0.073 χ^2/NDF:36326.7/4

Right Out: 254.127+/-0.059 χ^2/NDF: 502684.9/19

Left In: 282.246+/-0.059 χ^2/NDF:45034.7/2

-292.986+/-0.000 χ^2/NDF: 1063230.1/21

-292.986+/-0.000 χ^2/NDF: 182320742.3/4

268.151+/-0.042 χ^2/NDF: 661089.4/22

dit_atr2_4aY_slope vs Slug, Sign Corrected

Right In: -78.728+/-0.000 χ^2/NDF: 1399088.3/16

Left Out: -10.317+/-0.073 χ^2/NDF:3184.2/4

Right Out: 5.769+/-0.000 χ^2/NDF: 111755.3/19

Left In: 8.664+/-0.062 χ^2/NDF:1068.8/2

-78.728+/-0.000 χ^2/NDF: 2290570.7/21

5.169+/-0.000 χ^2/NDF: 38614083696031

5.769+/-0.000 χ^2/NDF: 115035.7/22

dit_atr2_4eY_slope vs Slug, Sign Corrected

Right In: 189.551+/-0.000 χ^2/NDF: 927391.8/16

Left Out: 128.281+/-0.092 χ^2/NDF:4098.5/4

Right Out: -138.004+/-0.059 χ^2/NDF: 117358.3/19

Left In: -126.120+/-0.065 χ^2/NDF:5150.6/2

189.551+/-0.000 χ^2/NDF: 1371046.3/21

189.551+/-0.000 χ^2/NDF: 55891999.8/44

-132.643+/-0.044 χ^2/NDF: 140827.2/22

dit_sam1_4aX_slope vs Slug, Sign Corrected

Right In: -1.007+/-0.000 χ^2/NDF: 7057.7/16

Left Out: 3.986+/-0.062 χ^2/NDF:473.3/4

Right Out: 11.872+/-0.000 χ^2/NDF: 560568.2/19

Left In: -2.279+/-0.043 χ^2/NDF:1961.1/2

-1.007+/-0.000 χ^2/NDF: 14102.7/21

-0.582+/-0.000 χ^2/NDF: 3049946074780

11.872+/-0.000 χ^2/NDF: 669265.2/22

dit_sam1_4eX_slope vs Slug, Sign Corrected

Right In: -7.899+/-0.000 χ^2/NDF: 39443.5/16

Left Out: -15.453+/-0.061 χ^2/NDF:2795.8/4

Right Out: 2.410+/-0.000 χ^2/NDF: 222300.8/19

Left In: 14.872+/-0.062 χ^2/NDF:1115.6/2

-7.899+/-0.000 χ^2/NDF: 57740.3/21

-0.829+/-0.000 χ^2/NDF: 1016173479523

2.410+/-0.000 χ^2/NDF: 263718.3/22

dit_sam1_11X12X_slope vs Slug, Sign Corrected

Right In: 0.314+/-0.001 χ^2/NDF: 2748.0/16

Left Out: 0.330+/-0.001 χ^2/NDF:238.9/4

Right Out: 0.107+/-0.000 χ^2/NDF: 223881.2/19

Left In: -0.333+/-0.001 χ^2/NDF:259.2/2

0.324+/-0.001 χ^2/NDF: 3161.8/21

0.107+/-0.000 χ^2/NDF: 740098.4/44

0.107+/-0.000 χ^2/NDF: 595747.2/22

dit_sam1_4aY_slope vs Slug, Sign Corrected

Right In: -38.539+/-0.000 χ^2/NDF: 14950854.6/16

Left Out: -52.735+/-0.005 χ^2/NDF:1899.5/4

Right Out: 52.737+/-0.002 χ^2/NDF: 87444.8/19

Left In: 52.558+/-0.006 χ^2/NDF:847.9/2

-38.539+/-0.000 χ^2/NDF: 22231863.3/21

-38.539+/-0.000 χ^2/NDF: 2579525916.6/4

52.723+/-0.002 χ^2/NDF: 89002.2/22

dit_sam1_4eY_slope vs Slug, Sign Corrected

Right In: -60.594+/-0.000 χ^2/NDF: 26122838.1/16

Left Out: 9.566+/-0.013 χ^2/NDF:25802.9/4

Right Out: -6.753+/-0.011 χ^2/NDF: 1266741.1/19

Left In: -10.244+/-0.018 χ^2/NDF:2931.2/2

-60.594+/-0.000 χ^2/NDF: 53975452.6/21

-60.594+/-0.000 χ^2/NDF: 86889893.5/44

-7.694+/-0.009 χ^2/NDF: 1296793.0/22

dit_sam2_4aX_slope vs Slug, Sign Corrected

Right In: 58.880+/-0.000 χ^2/NDF: 3814.7/16

Left Out: 75.367+/-0.821 χ^2/NDF:583.6/4

Right Out: -95.846+/-0.000 χ^2/NDF: 44645.2/19

Left In: -51.052+/-0.592 χ^2/NDF:905.7/2

58.880+/-0.000 χ^2/NDF: 4801.9/21

53.779+/-0.000 χ^2/NDF: 1719559071103

-95.846+/-0.000 χ^2/NDF: 51267.1/22

dit_sam2_4eX_slope vs Slug, Sign Corrected

Right In: -350.833+/-0.245 χ^2/NDF: 41301.1/16

Left Out: -274.655+/-0.811 χ^2/NDF:2424.9/4

Right Out: 498.692+/-0.000 χ^2/NDF: 572319.3/19

Left In: 254.075+/-0.631 χ^2/NDF:1068.9/2

-344.481+/-0.234 χ^2/NDF: 51817.8/21

498.692+/-0.000 χ^2/NDF: 13746378.8/44

498.692+/-0.000 χ^2/NDF: 723846.8/22

dit_sam2_11X12X_slope vs Slug, Sign Corrected

Right In: 1.930+/-0.000 χ^2/NDF: 59970.9/16

Left Out: 0.659+/-0.006 χ^2/NDF:315.1/4

Right Out: -3.123+/-0.000 χ^2/NDF: 514000.0/19

Left In: -0.563+/-0.004 χ^2/NDF:1433.6/2

1.930+/-0.000 χ^2/NDF: 113391.9/21

1.324+/-0.000 χ^2/NDF: 68349069016618

-3.123+/-0.000 χ^2/NDF: 939570.0/22

dit_sam2_4aY_slope vs Slug, Sign Corrected

Right In: 54.556+/-0.000 χ^2/NDF: 7238433.0/16

Left Out: 12.812+/-0.014 χ^2/NDF:57904.2/4

Right Out: -17.458+/-0.018 χ^2/NDF: 99309.7/19

Left In: -14.638+/-0.023 χ^2/NDF:1891.9/2

54.556+/-0.000 χ^2/NDF: 16804200.3/21

54.556+/-0.000 χ^2/NDF: 41797785.2/44

-16.343+/-0.014 χ^2/NDF: 110609.8/22

dit_sam2_4eY_slope vs Slug, Sign Corrected

Right In: -382.108+/-0.000 χ^2/NDF: 18398024.3/16

Left Out: -209.316+/-0.039 χ^2/NDF:51837.5/4

Right Out: 483.800+/-0.000 χ^2/NDF: 24385317.4/19

Left In: 209.615+/-0.043 χ^2/NDF:3225.8/2

-382.108+/-0.000 χ^2/NDF: 38494686.2/21

-76.493+/-0.000 χ^2/NDF: 900902915579

483.800+/-0.000 χ^2/NDF: 64795796.1/22

dit_sam3_4aX_slope vs Slug, Sign Corrected

Right In: -26.504+/-0.000 χ^2/NDF: 1180.7/16

Left Out: -0.853+/-0.881 χ^2/NDF:475.0/4

Right Out: 26.577+/-0.000 χ^2/NDF: 2754.8/19

Left In: 30.845+/-0.646 χ^2/NDF:2314.6/2

-26.504+/-0.000 χ^2/NDF: 2503.4/21

-7.770+/-0.000 χ^2/NDF: 2166718322463

26.577+/-0.000 χ^2/NDF: 5113.1/22

dit_sam3_4eX_slope vs Slug, Sign Corrected

Right In: -79.376+/-0.000 χ^2/NDF: 1304.6/16

Left Out: -112.341+/-0.859 χ^2/NDF:1743.6/4

Right Out: 83.721+/-0.171 χ^2/NDF: 12064.6/19

Left In: 78.638+/-0.642 χ^2/NDF:1676.8/2

-79.376+/-0.000 χ^2/NDF: 4521.5/21

-79.376+/-0.000 χ^2/NDF: 991632.4/44

83.386+/-0.165 χ^2/NDF: 13799.9/22

dit_sam3_11X12X_slope vs Slug, Sign Corrected

Right In: 0.521+/-0.000 χ^2/NDF: 3370.8/16

Left Out: 0.549+/-0.007 χ^2/NDF:994.0/4

Right Out: -0.399+/-0.011 χ^2/NDF: 2752.7/19

Left In: -0.504+/-0.003 χ^2/NDF:2615.1/2

0.521+/-0.000 χ^2/NDF: 4382.1/21

0.521+/-0.000 χ^2/NDF: 105106.7/44

-0.495+/-0.003 χ^2/NDF: 5453.1/22

dit_sam3_4aY_slope vs Slug, Sign Corrected

Right In: -2.320+/-0.000 χ^2/NDF: 270771.9/16

Left Out: -6.825+/-0.012 χ^2/NDF:1418.2/4

Right Out: 4.879+/-0.010 χ^2/NDF: 49767.2/19

Left In: 6.822+/-0.008 χ^2/NDF:2069.8/2

-2.320+/-0.000 χ^2/NDF: 421843.2/21

-2.320+/-0.000 χ^2/NDF: 2190925.6/44

6.060+/-0.006 χ^2/NDF: 73557.1/22

dit_sam3_4eY_slope vs Slug, Sign Corrected

Right In: 11.268+/-0.000 χ^2/NDF: 958029.3/16

Left Out: 29.945+/-0.029 χ^2/NDF:3700.9/4

Right Out: -37.191+/-0.000 χ^2/NDF: 1122069.8/19

Left In: -29.528+/-0.029 χ^2/NDF:1418.8/2

11.268+/-0.000 χ^2/NDF: 1380761.1/21

9.670+/-0.000 χ^2/NDF: 26986732338875

-37.191+/-0.000 χ^2/NDF: 1192019.9/22

dit_sam4_4aX_slope vs Slug, Sign Corrected

Right In: -4.139+/-0.000 χ^2/NDF: 4654.2/16

Left Out: 90.379+/-0.995 χ^2/NDF:773.1/4

Right Out: -54.147+/-0.170 χ^2/NDF: 54404.1/19

Left In: -47.594+/-0.588 χ^2/NDF:2708.7/2

-4.139+/-0.000 χ^2/NDF: 14443.0/21

-4.139+/-0.000 χ^2/NDF: 163909.1/44

-53.643+/-0.163 χ^2/NDF: 57227.5/22

dit_sam4_4eX_slope vs Slug, Sign Corrected

Right In: -124.095+/-0.000 χ^2/NDF: 38152.5/16

Left Out: -285.367+/-0.979 χ^2/NDF:1948.7/4

Right Out: 273.002+/-0.113 χ^2/NDF: 280698.3/19

Left In: 245.590+/-0.569 χ^2/NDF:2127.2/2

-124.095+/-0.000 χ^2/NDF: 67264.3/21

-124.095+/-0.000 χ^2/NDF: 13218106.6/44

271.970+/-0.110 χ^2/NDF: 285059.2/22

dit_sam4_11X12X_slope vs Slug, Sign Corrected

Right In: 0.888+/-0.000 χ^2/NDF: 8672.0/16

Left Out: 0.644+/-0.007 χ^2/NDF:970.4/4

Right Out: 0.226+/-0.000 χ^2/NDF: 5033.6/19

Left In: -0.665+/-0.005 χ^2/NDF:748.8/2

0.888+/-0.000 χ^2/NDF: 10712.1/21

0.888+/-0.000 χ^2/NDF: 149147580.8/44

0.226+/-0.000 χ^2/NDF: 34063.7/22

dit_sam4_4aY_slope vs Slug, Sign Corrected

Right In: 4.057+/-0.000 χ^2/NDF: 1247888.2/16

Left Out: -16.056+/-0.028 χ^2/NDF:63045.4/4

Right Out: 22.907+/-0.026 χ^2/NDF: 116676.9/19

Left In: 22.964+/-0.059 χ^2/NDF:1212.5/2

4.057+/-0.000 χ^2/NDF: 1838911.8/21

4.057+/-0.000 χ^2/NDF: 2573443.8/44

22.916+/-0.024 χ^2/NDF: 117890.1/22

dit_sam4_4eY_slope vs Slug, Sign Corrected

Right In: 158.293+/-0.000 χ^2/NDF: 2410913.3/16

Left Out: 276.327+/-0.081 χ^2/NDF:154853.5/4

Right Out: -175.536+/-0.000 χ^2/NDF: 2132280.4/19

Left In: -285.349+/-0.189 χ^2/NDF:1794.4/2

158.293+/-0.000 χ^2/NDF: 4694668.8/21

-119.042+/-0.000 χ^2/NDF: 14008038966

-175.536+/-0.000 χ^2/NDF: 2472189.6/22

dit_sam5_4aX_slope vs Slug, Sign Corrected

Right In: 3.778+/-0.000 χ^2/NDF: 6871.4/16

Left Out: 12.855+/-0.111 χ^2/NDF:472.4/4

Right Out: -5.713+/-0.025 χ^2/NDF: 22382.6/19

Left In: -8.665+/-0.062 χ^2/NDF:1202.5/2

3.778+/-0.000 χ^2/NDF: 14081.5/21

3.778+/-0.000 χ^2/NDF: 217604.1/44

-6.132+/-0.023 χ^2/NDF: 25510.4/22

dit_sam5_4eX_slope vs Slug, Sign Corrected

Right In: -0.287+/-0.000 χ^2/NDF: 44276.5/16

Left Out: -10.832+/-0.109 χ^2/NDF:224.3/4

Right Out: 5.821+/-0.027 χ^2/NDF: 63671.7/19

Left In: 7.415+/-0.066 χ^2/NDF:828.5/2

-0.287+/-0.000 χ^2/NDF: 53811.4/21

-0.287+/-0.000 χ^2/NDF: 183665.9/44

6.046+/-0.025 χ^2/NDF: 64996.8/22

dit_sam5_11X12X_slope vs Slug, Sign Corrected

Right In: 0.193+/-0.000 χ^2/NDF: 10027.5/16

Left Out: 0.335+/-0.001 χ^2/NDF:79.9/4

Right Out: -0.280+/-0.001 χ^2/NDF: 6070.3/19

Left In: -0.375+/-0.001 χ^2/NDF:67.0/2

0.193+/-0.000 χ^2/NDF: 25092.6/21

0.193+/-0.000 χ^2/NDF: 326025.1/44

-0.333+/-0.001 χ^2/NDF: 8476.6/22

dit_sam5_4aY_slope vs Slug, Sign Corrected

Right In: 35.664+/-0.011 χ^2/NDF: 218662.5/16

Left Out: 32.564+/-0.012 χ^2/NDF:466.6/4

Right Out: -89.735+/-0.000 χ^2/NDF: 25816138.7/19

Left In: -33.112+/-0.016 χ^2/NDF:33.9/2

34.252+/-0.008 χ^2/NDF: 253012.7/21

-89.735+/-0.000 χ^2/NDF: 257562489.7/44

-89.735+/-0.000 χ^2/NDF: 38718360.5/22

dit_sam5_4eY_slope vs Slug, Sign Corrected

Right In: 81.005+/-0.035 χ^2/NDF: 2228881.4/16

Left Out: 128.383+/-0.035 χ^2/NDF:14788.9/4

Right Out: -27.798+/-0.000 χ^2/NDF: 9194619.1/19

Left In: -126.941+/-0.060 χ^2/NDF:1380.4/2

104.617+/-0.024 χ^2/NDF: 3181810.6/21

-27.798+/-0.000 χ^2/NDF: 44396727.6/44

-27.798+/-0.000 χ^2/NDF: 11901586.2/22

dit_sam6_4aX_slope vs Slug, Sign Corrected

Right In: 48.450+/-0.000 χ^2/NDF: 2751.4/16

Left Out: 74.970+/-0.455 χ^2/NDF:314.3/4

Right Out: -27.342+/-0.000 χ^2/NDF: 26331.1/19

Left In: -61.823+/-0.331 χ^2/NDF:917.6/2

48.450+/-0.000 χ^2/NDF: 6465.7/21

-23.670+/-0.000 χ^2/NDF: 132325766337

-27.342+/-0.000 χ^2/NDF: 38071.5/22

dit_sam6_4eX_slope vs Slug, Sign Corrected

Right In: -18.800+/-0.148 χ^2/NDF: 11764.7/16

Left Out: -8.549+/-0.453 χ^2/NDF:614.8/4

Right Out: 5.568+/-0.000 χ^2/NDF: 24057.5/19

Left In: -4.592+/-0.326 χ^2/NDF:769.0/2

-17.804+/-0.141 χ^2/NDF: 12842.6/21

5.568+/-0.000 χ^2/NDF: 66099.0/44

5.568+/-0.000 χ^2/NDF: 25797.6/22

dit_sam6_11X12X_slope vs Slug, Sign Corrected

Right In: 0.830+/-0.000 χ^2/NDF: 14882.7/16

Left Out: 0.489+/-0.003 χ^2/NDF:264.9/4

Right Out: -0.227+/-0.000 χ^2/NDF: 12548.7/19

Left In: -0.501+/-0.003 χ^2/NDF:414.4/2

0.830+/-0.000 χ^2/NDF: 30304.3/21

-0.119+/-0.000 χ^2/NDF: 8952099166794

-0.227+/-0.000 χ^2/NDF: 23679.7/22

dit_sam6_4aY_slope vs Slug, Sign Corrected

Right In: 22.543+/-0.009 χ^2/NDF: 105452.8/16

Left Out: 17.539+/-0.010 χ^2/NDF:66335.4/4

Right Out: -23.022+/-0.009 χ^2/NDF: 165848.3/19

Left In: -18.940+/-0.016 χ^2/NDF:1054.8/2

20.311+/-0.007 χ^2/NDF: 300630.6/21

1.845+/-0.005 χ^2/NDF: 16800175.2/44

-22.039+/-0.008 χ^2/NDF: 215939.8/22

dit_sam6_4eY_slope vs Slug, Sign Corrected

Right In: -2.596+/-0.000 χ^2/NDF: 7395182.7/16

Left Out: 101.298+/-0.029 χ^2/NDF:51240.7/4

Right Out: -1.758+/-0.000 χ^2/NDF: 4236707.9/19

Left In: -99.299+/-0.031 χ^2/NDF:1219.2/2

-2.596+/-0.000 χ^2/NDF: 20321005.6/21

-2.300+/-0.000 χ^2/NDF: 1380717163323

-1.758+/-0.000 χ^2/NDF: 14234961.6/22

dit_sam7_4aX_slope vs Slug, Sign Corrected

Right In: 83.573+/-0.000 χ^2/NDF: 49468.0/16

Left Out: 93.516+/-0.173 χ^2/NDF:548.3/4

Right Out: -93.762+/-0.000 χ^2/NDF: 85273.0/19

Left In: -88.983+/-0.145 χ^2/NDF:2008.8/2

83.573+/-0.000 χ^2/NDF: 53307.7/21

20.984+/-0.000 χ^2/NDF: 6045693090189

-93.762+/-0.000 χ^2/NDF: 88365.6/22

dit_sam7_4eX_slope vs Slug, Sign Corrected

Right In: -123.524+/-0.000 χ^2/NDF: 160356.5/16

Left Out: -140.906+/-0.172 χ^2/NDF:545.6/4

Right Out: 133.456+/-0.000 χ^2/NDF: 396347.1/19

Left In: 133.281+/-0.139 χ^2/NDF:1621.1/2

-123.524+/-0.000 χ^2/NDF: 171094.6/21

-92.687+/-0.000 χ^2/NDF: 431650658224

133.456+/-0.000 χ^2/NDF: 397969.8/22

dit_sam7_11X12X_slope vs Slug, Sign Corrected

Right In: 0.376+/-0.000 χ^2/NDF: 3961.7/16

Left Out: 0.427+/-0.001 χ^2/NDF:700.9/4

Right Out: -0.354+/-0.002 χ^2/NDF: 4618.1/19

Left In: -0.420+/-0.001 χ^2/NDF:2603.4/2

0.376+/-0.000 χ^2/NDF: 5998.2/21

0.376+/-0.000 χ^2/NDF: 786138.8/44

-0.398+/-0.001 χ^2/NDF: 8465.9/22

dit_sam7_4aY_slope vs Slug, Sign Corrected

Right In: 7.032+/-0.000 χ^2/NDF: 19770.1/16

Left Out: 6.919+/-0.003 χ^2/NDF:6617.2/4

Right Out: -7.237+/-0.002 χ^2/NDF: 10146.4/19

Left In: -7.129+/-0.002 χ^2/NDF:5509.3/2

7.032+/-0.000 χ^2/NDF: 28077.5/21

7.032+/-0.000 χ^2/NDF: 70126587.3/44

-7.185+/-0.002 χ^2/NDF: 16661.2/22

dit_sam7_4eY_slope vs Slug, Sign Corrected

Right In: -10.092+/-0.000 χ^2/NDF: 543504.2/16

Left Out: -9.074+/-0.005 χ^2/NDF:89855.6/4

Right Out: 12.551+/-0.004 χ^2/NDF: 106791.1/19

Left In: 11.480+/-0.007 χ^2/NDF:3066.4/2

-10.092+/-0.000 χ^2/NDF: 674243.8/21

-10.092+/-0.000 χ^2/NDF: 47654571.2/44

12.330+/-0.003 χ^2/NDF: 127372.3/22

dit_sam8_4aX_slope vs Slug, Sign Corrected

Right In: 57.510+/-0.000 χ^2/NDF: 8108.6/16

Left Out: 66.104+/-0.119 χ^2/NDF:871.6/4

Right Out: -66.634+/-0.013 χ^2/NDF: 8486.4/19

Left In: -63.249+/-0.098 χ^2/NDF:2184.9/2

57.510+/-0.000 χ^2/NDF: 14183.8/21

57.510+/-0.000 χ^2/NDF: 91868983.8/44

-66.576+/-0.013 χ^2/NDF: 11835.6/22

dit_sam8_4eX_slope vs Slug, Sign Corrected

Right In: -74.974+/-0.000 χ^2/NDF: 130544.0/16

Left Out: -98.712+/-0.119 χ^2/NDF:920.0/4

Right Out: 102.430+/-0.018 χ^2/NDF: 50377.6/19

Left In: 99.815+/-0.116 χ^2/NDF:1253.5/2

-74.974+/-0.000 χ^2/NDF: 171028.6/21

-74.974+/-0.000 χ^2/NDF: 102010674.2/44

102.369+/-0.018 χ^2/NDF: 52130.3/22

dit_sam8_11X12X_slope vs Slug, Sign Corrected

Right In: 0.541+/-0.000 χ^2/NDF: 29180.5/16

Left Out: 0.402+/-0.001 χ^2/NDF:528.9/4

Right Out: -0.030+/-0.000 χ^2/NDF: 121752.0/19

Left In: -0.416+/-0.001 χ^2/NDF:1037.2/2

0.541+/-0.000 χ^2/NDF: 44585.4/21

-0.028+/-0.000 χ^2/NDF: 2900603035740

-0.030+/-0.000 χ^2/NDF: 276830.3/22

dit_sam8_4aY_slope vs Slug, Sign Corrected

Right In: -51.888+/-0.002 χ^2/NDF: 77585.2/16

Left Out: -51.392+/-0.004 χ^2/NDF:5032.7/4

Right Out: 52.688+/-0.003 χ^2/NDF: 56462.4/19

Left In: 51.556+/-0.004 χ^2/NDF:2664.3/2

-51.785+/-0.002 χ^2/NDF: 92945.7/21

-3.434+/-0.001 χ^2/NDF: 1281146891.6/44

52.344+/-0.002 χ^2/NDF: 118805.8/22

dit_sam8_4eY_slope vs Slug, Sign Corrected

Right In: 47.545+/-0.000 χ^2/NDF: 3491700.1/16

Left Out: 56.930+/-0.008 χ^2/NDF:159877.9/4

Right Out: -63.161+/-0.007 χ^2/NDF: 337052.2/19

Left In: -59.876+/-0.022 χ^2/NDF:3655.0/2

47.545+/-0.000 χ^2/NDF: 5019528.6/21

47.545+/-0.000 χ^2/NDF: 254585605.4/44

-62.817+/-0.007 χ^2/NDF: 361412.9/22

dit_4aX_coil1_mean vs Slug, Sign Corrected

Right In: -289.322+/-0.000 χ^2/NDF: 536968164048489147864958539218393497 6.0/14

Left Out: -399.014+/-0.000 χ^2/NDF:1488823794825315518881387329355776000.0/4

Right Out: 259.558+/-0.000 χ^2/NDF: 429988679269212397078456398377071411 2.0/15

Left In: 469.027+/-0.000 χ^2/NDF:3110149490938360370415679166008524 80.0/2

-328.037+/-0.000 χ^2/NDF: 9614623885393859

-18.854+/-0.000 χ^2/NDF: 222504661867

317.491+/-0.000 χ^2/NDF: 1270512540252762 8

dit_4aX_coil1_err_mean vs Slug, Sign Corrected

Right In: 5.270+/-0.000 χ^2/NDF: 8709683292123798330550906790084608.0/14

Left Out: 10.133+/-0.000 χ^2/NDF:1767188709531180196523996124020736.0/4

Right Out: -4.732+/-0.000 χ^2/NDF: 6856893072575211562802281426452480.0/15

Left In: -11.498+/-0.000 χ^2/NDF:8062575738321969167275286069248.0/2

6.986+/-0.000 χ^2/NDF: 158943585610291933

0.477+/-0.000 χ^2/NDF: 11991792820387

-6.603+/-0.000 χ^2/NDF: 153118125681220800

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4

Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: -1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288499 2.0/2

1026.510+/-0.000 χ^2/NDF: 2837419803974349

31.757+/-0.000 χ^2/NDF: 2165593159527

-1050.388+/-0.000 χ^2/NDF: 650184709002569

dit_4eX_coil1_mean vs Slug, Sign Corrected

Right In: -285.187+/-0.000 χ^2/NDF: 4479585262853549838092521921291747328.0/14

Left Out: -382.235+/-0.000 χ^2/NDF:135257537258166903882785910856404172 8.0/4

Right Out: 256.599+/-0.000 χ^2/NDF: 364827153597103916595260256319176704 0.0/15

Left In: 448.548+/-0.000 χ^2/NDF:280730374821686557425100776712175616.0/2

-319.439+/-0.000 χ^2/NDF: 7989515922402948

-18.112+/-0.000 χ^2/NDF: 208856709201 8

309.687+/-0.000 χ^2/NDF: 1072586151481386 4

dit_4eX_coil1_err_mean vs Slug, Sign Corrected

Right In: 4.959+/-0.000 χ^2/NDF: 1046546705714337181737168164146380 8.0/14

Left Out: 9.321+/-0.000 χ^2/NDF:1538172675512381313758917608603648.0/4

Right Out: -4.429+/-0.000 χ^2/NDF: 8371440400334524571131796772618240.0/15

Left In: -10.512+/-0.000 χ^2/NDF:4588911592216588979422911004672.0/2

6.499+/-0.000 χ^2/NDF: 1636309267655255255

0.459+/-0.000 χ^2/NDF: 10795347186142

-6.111+/-0.000 χ^2/NDF: 152023209563087448

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4

Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: -1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288499 2.0/2

1026.510+/-0.000 χ^2/NDF: 2837419803974349

31.757+/-0.000 χ^2/NDF: 2165593159527

-1050.388+/-0.000 χ^2/NDF: 650184709002569

dit_11X12X_coil1_mean vs Slug, Sign Corrected

Right In: -210.261+/-0.000 χ^2/NDF: 567711076568068409192467700494893056.0/14

Left Out: -193.780+/-0.000 χ^2/NDF:3454885796304560831395167437523517 44.0/4

Right Out: 196.736+/-0.000 χ^2/NDF: 909588895093044840633640514790359040.0/15

Left In: 227.973+/-0.000 χ^2/NDF:538452946764225544128120011882496 00.0/2

-204.444+/-0.000 χ^2/NDF: 9754244894167385

-8.157+/-0.000 χ^2/NDF: 8280283705427 4

205.376+/-0.000 χ^2/NDF: 1143427668697038 5

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected

Right In: 6.842+/-0.000 χ^2/NDF: 9355934166823324467316647620771840.0/14

Left Out: 9.949+/-0.000 χ^2/NDF:2650060088424355648388973056753664.0/4

Right Out: -5.701+/-0.000 χ^2/NDF: 3174693398300953393137731791486976.0/15

Left In: -11.898+/-0.000 χ^2/NDF:6571145986840967827242492394209 28.0/2

7.938+/-0.000 χ^2/NDF: 1421848398586556279

0.585+/-0.000 χ^2/NDF: 1383790563613 1

-7.415+/-0.000 χ^2/NDF: 109164246923372999

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4

Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: -1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288499 2.0/2

1026.510+/-0.000 χ^2/NDF: 2837419803974349

31.757+/-0.000 χ^2/NDF: 2165593159527

-1050.388+/-0.000 χ^2/NDF: 650184709002569

dit_4aY_coil1_mean vs Slug, Sign Corrected

Right In: 2.171+/-0.000 χ^2/NDF: 35998192469099756784104996916428 80.0/14

Left Out: 4.929+/-0.000 χ^2/NDF:335563113988898472497287599751168 0.0/4

Right Out: -2.148+/-0.000 χ^2/NDF: 309388733623937895960632193187840 0.0/15

Left In: -6.068+/-0.000 χ^2/NDF:146081949991226247101453580422348 8.0/2

3.145+/-0.000 χ^2/NDF: 8697807307254771609

0.091+/-0.000 χ^2/NDF: 35621763860976

-3.232+/-0.000 χ^2/NDF: 739010625787743362

dit_4aY_coil1_err_mean vs Slug, Sign Corrected

Right In: 1.691+/-0.000 χ^2/NDF: 612163393317609859674079412355072.0/14

Left Out: 1.831+/-0.000 χ^2/NDF:418529583297694332126073108561 92.0/4

Right Out: -1.462+/-0.000 χ^2/NDF: 444384511662519040022371754835968.0/15

Left In: -2.172+/-0.000 χ^2/NDF:855295387658557056200167181 5168.0/2

1.740+/-0.000 χ^2/NDF: 6585493788047657248

0.112+/-0.000 χ^2/NDF: 67545958676249

-1.659+/-0.000 χ^2/NDF: 546030462798277082

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4

Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: -1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288499 2.0/2

1026.510+/-0.000 χ^2/NDF: 2837419803974349

31.757+/-0.000 χ^2/NDF: 2165593159527

-1050.388+/-0.000 χ^2/NDF: 650184709002569

dit_4eY_coil1_mean vs Slug, Sign Corrected

Right In: 3.181+/-0.000 χ^2/NDF: 58333032278682526177045663941918 72.0/14

Left Out: 3.552+/-0.000 χ^2/NDF:967155136948161724065041109483520.0/4

Right Out: -3.032+/-0.000 χ^2/NDF: 49372098313717939454965468333342 72.0/15

Left In: -6.636+/-0.000 χ^2/NDF:1291385332726535360555501022609408.0/2

3.312+/-0.000 χ^2/NDF: 6831916583634001616

-0.204+/-0.000 χ^2/NDF: 4134182570463

-4.029+/-0.000 χ^2/NDF: 8624645775322944 09

dit_4eY_coil1_err_mean vs Slug, Sign Corrected

Right In: 1.607+/-0.000 χ^2/NDF: 460949628640148184181205735833600.0/14

Left Out: 1.971+/-0.000 χ^2/NDF:5199934990935860496655263884902 4.0/4

Right Out: -1.383+/-0.000 χ^2/NDF: 358348897016286200957650337792000.0/15

Left In: -2.328+/-0.000 χ^2/NDF:646191431152064249975039380684 8.0/2

1.735+/-0.000 χ^2/NDF: 5433639799211355340

0.117+/-0.000 χ^2/NDF: 65598034884831

-1.644+/-0.000 χ^2/NDF: 529662330040323402

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4

Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: -1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288499 2.0/2

1026.510+/-0.000 χ^2/NDF: 2837419803974349

31.757+/-0.000 χ^2/NDF: 2165593159527

-1050.388+/-0.000 χ^2/NDF: 650184709002569

dit_usl_coil1_mean vs Slug, Sign Corrected

Right In: 17988.185+/-0.000 χ^2/NDF: 2481511180998421710354400123755295250841 6.0/14

Left Out: 24532.830+/-0.000 χ^2/NDF:5474481703521511106664369162813037346816.0/3

Right Out: -15915.227+/-0.000 χ^2/NDF: 199541896747059527070422874160872239923 20.0/15

Left In: -29467.381+/-0.000 χ^2/NDF:1245023516567454816593882745054712299520.0/2

19994.930+/-0.000 χ^2/NDF: 3881319258346 78

315.186+/-0.000 χ^2/NDF: 8244086982 84

-19663.383+/-0.000 χ^2/NDF: 5507986450181 9

dit_usl_coil1_err_mean vs Slug, Sign Corrected

Right In: 369.169+/-0.000 χ^2/NDF: 4805303678956548599419583334137095782 4.0/14

Left Out: 784.232+/-0.000 χ^2/NDF:1424648995176154909914453256504868864 0.0/3

496.437+/-0.000 χ^2/NDF: 9658258573267916 0

Right Out: -370.091+/-0.000 χ^2/NDF: 4821446290705210754303703712531690291 2.0/15

-26.216+/-0.000 χ^2/NDF: 7443575356916

Left In: -1045.188+/-0.000 χ^2/NDF:2366225595491399349020120021498593 28.0/2

-556.805+/-0.000 χ^2/NDF: 1325261904600980

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 985.429+/-0.000 χ^2/NDF:2743479969900970821890629375312789504.0/3

Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: -1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288499 2.0/2

1027.767+/-0.000 χ^2/NDF: 2835207149183108

-3.481+/-0.000 χ^2/NDF: 2099306632012

-1050.388+/-0.000 χ^2/NDF: 650184709002569

dit_usr_coil1_mean vs Slug, Sign Corrected

Right In: -18100.637+/-0.000 χ^2/NDF: 1463496754617358696763204076542869949644 8.0/14

Left Out: -22320.232+/-0.000 χ^2/NDF:4581051562203078094012190479028829814784.0/4

Right Out: 16773.604+/-0.000 χ^2/NDF: 1423454793113581227747434288656836617830 4.0/15

Left In: 26141.042+/-0.000 χ^2/NDF:1051321681750423467129889898603198021632.0/2

-19589.906+/-0.000 χ^2/NDF: 2329440687712 8

-932.320+/-0.000 χ^2/NDF: 7837410038 25

19364.381+/-0.000 χ^2/NDF: 3147325659759 98

dit_usr_coil1_err_mean vs Slug, Sign Corrected

Right In: 540.663+/-0.000 χ^2/NDF: 64546819695986774721678785082975846400.0/14

Left Out: 814.673+/-0.000 637.372+/-0.000 χ^2/NDF: 9529694976352660 χ^2/NDF:135519439615641515955569206193794580 48.0/4

Right Out: -477.546+/-0.000 36.832+/-0.000 χ^2/NDF: 9372613221037 χ^2/NDF: 38798306504296954461537116809760604160.0/15

Left In: -979.840+/-0.000 -616.467+/-0.000 χ^2/NDF: 8672449059396061 χ^2/NDF:13834779129447353098587541150158028 80.0/2

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4

Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: -1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288499 2.0/2

1026.510+/-0.000 χ^2/NDF: 2837419803974349

31.757+/-0.000 χ^2/NDF: 2165593159527

-1050.388+/-0.000 χ^2/NDF: 650184709002569

dit_atl1_coil1_mean vs Slug, Sign Corrected

Right In: -10710.292+/-0.000 χ^2/NDF: 169452261520535118404826184022501705646 08.0/14

Left Out: -6861.113+/-0.000 χ^2/NDF:111120417912136100273240130124540509421568.0/4

Right Out: 10866.264+/-0.000 χ^2/NDF: 1423476283885838248452590164413162664755 2.0/15

Left In: 18852.739+/-0.000 χ^2/NDF:1065132879651684570838491681269619884032.0/2

-9351.758+/-0.000 χ^2/NDF: 131459421712056

1389.835+/-0.000 χ^2/NDF: 40014871697

13075.105+/-0.000 χ^2/NDF: 27066343741380 9

dit_atl1_coil1_err_mean vs Slug, Sign Corrected

Right In: 687.939+/-0.000 χ^2/NDF: 40929714110430150981775339075902478745 6.0/14

Left Out: 811.464+/-0.000 χ^2/NDF:153077087497860510903719074445708492 80.0/4

Right Out: -1092.265+/-0.000 χ^2/NDF: 188319814292960581345623381294694845 6.0/15

Left In: -1018.786+/-0.000 χ^2/NDF:334822537759698136181227612115304448.0/2

731.536+/-0.000 χ^2/NDF: 4280999716505318 8

-132.260+/-0.000 χ^2/NDF: 3875140208 8

-1071.943+/-0.000 χ^2/NDF: 188452895937062

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4

Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: -1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288499 2.0/2

1026.510+/-0.000 χ^2/NDF: 2837419803974349

31.757+/-0.000 χ^2/NDF: 2165593159527

-1050.388+/-0.000 χ^2/NDF: 650184709002569

dit_atl2_coil1_mean vs Slug, Sign Corrected

Right In: 29415.830+/-0.000 χ^2/NDF: 7176498963892808290677497975389480917401 6.0/14

Left Out: 40997.615+/-0.000 χ^2/NDF:2105177430813056121588219396862019161292 8.0/4

Right Out: -24963.010+/-0.000 χ^2/NDF: 4563157292012217197283596168549431561420 8.0/15

Left In: -47994.318+/-0.000 χ^2/NDF:6655834418531099913147687935756289966080.0/2

33503.518+/-0.000 χ^2/NDF: 1235421984416 47

2449.429+/-0.000 χ^2/NDF: 2293156606 0

-31332.840+/-0.000 χ^2/NDF: 1501399913285 8

dit_atl2_coil1_err_mean vs Slug, Sign Corrected

Right In: 1629.542+/-0.000 χ^2/NDF: 5517385553550289021946978964371522191 36.0/14

Left Out: 2931.732+/-0.000 χ^2/NDF:3161139145118513511085673138006083502 08.0/4

Right Out: -1510.293+/-0.000 χ^2/NDF: 6882319040468162113217745246197456568 32.0/15

Left In: -4308.350+/-0.000 χ^2/NDF:1828664443300291614307832391804754329 6.0/2

2089.139+/-0.000 χ^2/NDF: 1256267327096123

-5.501+/-0.000 χ^2/NDF: 1259501697195

-2284.159+/-0.000 χ^2/NDF: 215078770928031

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4

Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: -1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288499 2.0/2

1026.510+/-0.000 χ^2/NDF: 2837419803974349

31.757+/-0.000 χ^2/NDF: 2165593159527

-1050.388+/-0.000 χ^2/NDF: 650184709002569

dit_atr1_coil1_mean vs Slug, Sign Corrected

Right In: 15540.787+/-0.000 χ^2/NDF: 2738363588652360183237779538350971446886 4.0/14

Left Out: 23420.558+/-0.000 18321.883+/-0.000 χ^2/NDF: 46889974745144 χ^2/NDF:5283893478540811925236921730151126925312.0/4

Right Out: -13951.799+/-0.000 1107.163+/-0.000 χ^2/NDF: 7182928166 χ^2/NDF: 1695407103573958466461281343074810095206 4.0/15

Left In: -27214.548+/-0.000 -17619.913+/-0.000 χ^2/NDF: 5081872071873 χ^2/NDF:1415581609744082944937911521834040295424.0/2

dit_atr1_coil1_err_mean vs Slug, Sign Corrected

Right In: 605.034+/-0.000 χ^2/NDF: 1894015227916076144486001577233628528 64.0/14

Left Out: 833.178+/-0.000 χ^2/NDF:1325271210807345232740050429730304 8192.0/4

Right Out: -749.582+/-0.000 χ^2/NDF: 1021358768377495935693748779804344188928.0/15

Left In: -1052.268+/-0.000 χ^2/NDF:4637324711527908551930910931293306 88.0/2

685.555+/-0.000 χ^2/NDF: 2145766333298635 0

-41.916+/-0.000 χ^2/NDF: 236153613539 9

-833.297+/-0.000 χ^2/NDF: 1038723779652466

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4

Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: -1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288499 2.0/2

1026.510+/-0.000 χ^2/NDF: 2837419803974349

31.757+/-0.000 χ^2/NDF: 2165593159527

-1050.388+/-0.000 χ^2/NDF: 650184709002569

dit_atr2_coil1_mean vs Slug, Sign Corrected

Right In: -21743.360+/-0.000 χ^2/NDF: 4110685882357952732519867567539879306854 4.0/14

Left Out: -30062.531+/-0.000 χ^2/NDF:7446354978939666709366561749754001227776.0/4

Right Out: 20275.415+/-0.000 χ^2/NDF: 2593586913209292023168153241762732074598 4.0/15

Left In: 34888.940+/-0.000 χ^2/NDF:1794297976607311441640009436121891078144.0/2

-24679.538+/-0.000 χ^2/NDF: 64406055322455

-1212.049+/-0.000 χ^2/NDF: 1284809478

24317.116+/-0.000 χ^2/NDF: 67125525504785

dit_atr2_coil1_err_mean vs Slug, Sign Corrected

Right In: 2046.354+/-0.000 χ^2/NDF: 266555515927348892036833058355226345472.0/14

Left Out: 3043.761+/-0.000 χ^2/NDF:2036230926040670511351966539676490137 60.0/4

Right Out: -2391.939+/-0.000 χ^2/NDF: 441529496478977881525935754457949981 9008.0/15

Left In: -3763.798+/-0.000 χ^2/NDF:244201325511393690948740380934736 44544.0/2

2398.380+/-0.000 χ^2/NDF: 6980510705404362

-77.723+/-0.000 χ^2/NDF: 183241505141 8

-2771.358+/-0.000 χ^2/NDF: 478689451503213

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4

Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: -1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288499 2.0/2

1026.510+/-0.000 χ^2/NDF: 2837419803974349

31.757+/-0.000 χ^2/NDF: 2165593159527

-1050.388+/-0.000 χ^2/NDF: 650184709002569

dit_sam1_coil1_mean vs Slug, Sign Corrected

Right In: 2881.935+/-0.000 χ^2/NDF: 1320319391496525533692082365878834823168.0/14

Left Out: 4054.918+/-0.000 χ^2/NDF:7369924307560248880944127888970230005 76.0/4

Right Out: -2656.918+/-0.000 χ^2/NDF: 1077696846216053561130716877125509447680.0/15

Left In: -5207.548+/-0.000 χ^2/NDF:2845087313084150210279504022784096337 92.0/2

3295.929+/-0.000 χ^2/NDF: 2372471056566011

106.871+/-0.000 χ^2/NDF: 262321542823

-3362.353+/-0.000 χ^2/NDF: 256233960565754

dit_sam1_coil1_err_mean vs Slug, Sign Corrected

Right In: 138.577+/-0.000 χ^2/NDF: 4242369889979811373883774021335515136.0/14

Left Out: 121.044+/-0.000 χ^2/NDF:3379021211678396655273351241384591 36.0/4

Right Out: -135.809+/-0.000 χ^2/NDF: 3956401741862524263243160868173643776.0/15

Left In: -160.275+/-0.000 χ^2/NDF:605198589040757060543555354377584 64.0/2

132.389+/-0.000 χ^2/NDF: 4650685675167195 7

0.692+/-0.000 χ^2/NDF: 4509872586867 6

-142.575+/-0.000 χ^2/NDF: 4127346915992444

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4

Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: -1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288499 2.0/2

1026.510+/-0.000 χ^2/NDF: 2837419803974349

31.757+/-0.000 χ^2/NDF: 2165593159527

-1050.388+/-0.000 χ^2/NDF: 650184709002569

dit_sam2_coil1_mean vs Slug, Sign Corrected

Right In: 69827.797+/-0.000 χ^2/NDF: 1878032821164931311976840605412889261506 56.0/14

Left Out: 75482.719+/-0.000 χ^2/NDF:7473843590180122907631816108987723127 1936.0/4

Right Out: -65555.147+/-0.000 χ^2/NDF: 2120014678113867509106257831959997416734 72.0/15

Left In: -87069.413+/-0.000 χ^2/NDF:5587486066089386984440336610668761317376.0/2

71823.652+/-0.000 χ^2/NDF: 2698665923975 75

3174.618+/-0.000 χ^2/NDF: 10441761347

-71505.405+/-0.000 χ^2/NDF: 30297524236412

dit_sam2_coil1_err_mean vs Slug, Sign Corrected

Right In: 1330.956+/-0.000 χ^2/NDF: 6494812638426816594494091470595728343 04.0/14

Left Out: 1643.597+/-0.000 χ^2/NDF:5703171907133554098045026468245589 1968.0/4

Right Out: -1254.871+/-0.000 χ^2/NDF: 6321400689833040628098177168008617 65632.0/15

Left In: -1857.302+/-0.000 χ^2/NDF:4055310637003292541326244065063206912.0/2

1441.300+/-0.000 χ^2/NDF: 7289021483689701

70.136+/-0.000 χ^2/NDF: 5369172168550

-1421.487+/-0.000 χ^2/NDF: 703145196467303

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4

Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: -1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288499 2.0/2

1026.510+/-0.000 χ^2/NDF: 2837419803974349

31.757+/-0.000 χ^2/NDF: 2165593159527

-1050.388+/-0.000 χ^2/NDF: 650184709002569

dit_sam3_coil1_mean vs Slug, Sign Corrected

Right In: 34919.716+/-0.000 χ^2/NDF: 1063873854407186221551225418487299970170 88.0/14

Left Out: 43682.739+/-0.000 38012.547+/-0.000 χ^2/NDF: 1808988164818 57 χ^2/NDF:5692186979337074537095062373275134433 6896.0/4

Right Out: -30282.373+/-0.000 2781.047+/-0.000 χ^2/NDF: 2945526689 1 χ^2/NDF: 8834616526659312662759895169350607306 7520.0/15

Left In: -49312.654+/-0.000 -35545.629+/-0.000 χ^2/NDF: 1652882615233 3 χ^2/NDF:1013455844371247510335177881401839478 3744.0/2

dit_sam3_coil1_err_mean vs Slug, Sign Corrected

Right In: 663.574+/-0.000 χ^2/NDF: 1576918128727208228869149665973124464 64.0/14

Left Out: 1192.486+/-0.000 χ^2/NDF:4806985906526408888406186883967824691 2.0/4

Right Out: -601.216+/-0.000 χ^2/NDF: 1497178843318893323399953343508318781 44.0/15

Left In: -1293.464+/-0.000 χ^2/NDF:7151753375699380784094372930741338112.0/2

850.248+/-0.000 χ^2/NDF: 2698404128396119 2

63.353+/-0.000 χ^2/NDF: 181179669683 1

-792.673+/-0.000 χ^2/NDF: 245270869322291 4

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4

Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: -1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288499 2.0/2

1026.510+/-0.000 χ^2/NDF: 2837419803974349

31.757+/-0.000 χ^2/NDF: 2165593159527

-1050.388+/-0.000 χ^2/NDF: 650184709002569

dit_sam4_coil1_mean vs Slug, Sign Corrected

Right In: 53422.452+/-0.000 χ^2/NDF: 360635757315133800133751123167777346551808.0/14

Left Out: 74075.391+/-0.000 χ^2/NDF:856110595666791024649424285777163557273 60711.724+/-0.000 χ^2/NDF: 54395045904492 60.0/4

Right Out: -45247.617+/-0.000 χ^2/NDF: 286060196488034430215784613374055547928576.0/15 4588.678+/-0.000 χ^2/NDF: 7739338153 8

Left In: -85805.859+/-0.000 χ^2/NDF:983409694972857539537156542676781655 6544.0/2 -56464.918+/-0.000 χ^2/NDF: 5993486181321 2

dit_sam4_coil1_err_mean vs Slug, Sign Corrected

Right In: 949.197+/-0.000 χ^2/NDF: 2256910321831537327333080940676581949 44.0/14

Left Out: 2177.721+/-0.000 χ^2/NDF:1147640066180770583463311216561723801 60.0/4

Right Out: -849.827+/-0.000 χ^2/NDF: 2046222242615772477022273127451973386 24.0/15

Left In: -2337.080+/-0.000 χ^2/NDF:1087587052042406614791689665384756019 2.0/2

1382.794+/-0.000 χ^2/NDF: 6861671810783873

116.443+/-0.000 χ^2/NDF: 466792647069

-1261.160+/-0.000 χ^2/NDF: 623540492689429

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4

Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: -1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288499 2.0/2

1026.510+/-0.000 χ^2/NDF: 2837419803974349

31.757+/-0.000 χ^2/NDF: 2165593159527

-1050.388+/-0.000 χ^2/NDF: 650184709002569

dit_sam5_coil1_mean vs Slug, Sign Corrected

Right In: 254.578+/-0.000 χ^2/NDF: 9784021135310066407415692239672495308 80.0/14

4.140+/-0.000 χ^2/NDF: 1198107930414822491

Left Out: -454.998+/-0.000 χ^2/NDF:1043751793287544888220041903330662809 60.0/4

-124.552+/-0.000 χ^2/NDF: 24133857777

Right Out: -352.308+/-0.000 χ^2/NDF: 1100813647101508513447529068154010468352.0/15

-264.549+/-0.000 χ^2/NDF: 1180596055010466

Left Out: -35.001+/-0.000 χ^2/NDF:612089128587740480253247510009358581 76.0/2

dit_sam5_coil1_err_mean vs Slug, Sign Corrected

Right In: 196.955+/-0.000 χ^2/NDF: 4485245160329657914621372425838788608.0/14

Left Out: 325.956+/-0.000 χ^2/NDF:2684777031473120833130403630201962496.0/4

Right Out: -169.778+/-0.000 χ^2/NDF: 3892609445494845784493558646385410048.0/15

Left In: -387.628+/-0.000 χ^2/NDF:1679530390616061363420357555682017 28.0/2

242.485+/-0.000 χ^2/NDF: 1098185509667802 6

16.169+/-0.000 χ^2/NDF: 1310557965491

-230.030+/-0.000 χ^2/NDF: 1281544860529860

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4

Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: -1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288499 2.0/2

1026.510+/-0.000 χ^2/NDF: 2837419803974349

31.757+/-0.000 χ^2/NDF: 2165593159527

-1050.388+/-0.000 χ^2/NDF: 650184709002569

dit_sam6_coil1_mean vs Slug, Sign Corrected

Right In: -12479.653+/-0.000 χ^2/NDF: 411786332312538053173533339734752719011 84.0/14

Left Out: -26835.733+/-0.000 χ^2/NDF:105562919398948357039298772316862011 14624.0/4

Right Out: 10238.098+/-0.000 χ^2/NDF: 312278611261595340319615019232237180 68224.0/15

Left In: 31234.705+/-0.000 χ^2/NDF:635981673500714416941716847655917296 0256.0/2

-17546.505+/-0.000 χ^2/NDF: 98943266174530

-1457.394+/-0.000 χ^2/NDF: 7599394857

16045.185+/-0.000 χ^2/NDF: 11891441496150

dit_sam6_coil1_err_mean vs Slug, Sign Corrected

Right In: 245.832+/-0.000 χ^2/NDF: 7828269009300013139414476154059358208.0/14

370.067+/-0.000 χ^2/NDF: 4433660487334900

Left Out: 597.831+/-0.000 χ^2/NDF:8127206628781844301296651636286947328.0/4

30.385+/-0.000 χ^2/NDF: 3304161958261

Right Out: -209.844+/-0.000 χ^2/NDF: 3128489258838765241921217786024034304.0/15

-339.140+/-0.000 χ^2/NDF: 4445142288720956

Left In: -677.338+/-0.000 χ^2/NDF:10059390755210322143619363050430136 32.0/2

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4

Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: -1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288499 2.0/2

1026.510+/-0.000 χ^2/NDF: 2837419803974349

31.757+/-0.000 χ^2/NDF: 2165593159527

-1050.388+/-0.000 χ^2/NDF: 650184709002569

dit_sam7_coil1_mean vs Slug, Sign Corrected

Right In: 11542.759+/-0.000 χ^2/NDF: 1423354312323856635722676621901468742451 2.0/14

Left Out: 15349.847+/-0.000 χ^2/NDF:36683011174703378592693475881426039603 20.0/4

Right Out: -10339.969+/-0.000 χ^2/NDF: 1126083386340675164592342006298241820 2624.0/15

Left In: -17402.380+/-0.000 χ^2/NDF:2810730581447160661754381309877409546 24.0/2

12886.437+/-0.000 χ^2/NDF: 21221803413509 2

826.353+/-0.000 χ^2/NDF: 34654484451 9

-12293.239+/-0.000 χ^2/NDF: 2074303625773 5

dit_sam7_coil1_err_mean vs Slug, Sign Corrected

Right In: 198.850+/-0.000 χ^2/NDF: 18333995109503438037075916944440295424.0/14

Left Out: 363.897+/-0.000 χ^2/NDF:3544120368266559280191572012622151680.0/4

Right Out: -184.328+/-0.000 χ^2/NDF: 1492743493139558860102496153837240320 0.0/15

Left In: -406.581+/-0.000 χ^2/NDF:4039082294676028961703455127869849 6.0/2

257.102+/-0.000 χ^2/NDF: 2811773460010792 5

16.233+/-0.000 χ^2/NDF: 173694341722 8

-245.798+/-0.000 χ^2/NDF: 2408017588798368

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4

Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: -1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288499 2.0/2

1026.510+/-0.000 χ^2/NDF: 2837419803974349

31.757+/-0.000 χ^2/NDF: 2165593159527

-1050.388+/-0.000 χ^2/NDF: 650184709002569

dit_sam8_coil1_mean vs Slug, Sign Corrected

Right In: 8567.784+/-0.000 χ^2/NDF: 1110604887897250136642905567964570845184 0.0/14

Left Out: 11496.726+/-0.000 χ^2/NDF:1370947613475761118236887673385730965504.0/4

Right Out: -7069.884+/-0.000 χ^2/NDF: 1007686236350265211137821053966438786662 4.0/15

Left In: -14154.920+/-0.000 χ^2/NDF:7169664130683735470517814917557806694 4.0/2

9601.528+/-0.000 χ^2/NDF: 1444202254974449

678.034+/-0.000 χ^2/NDF: 200602600587

-9029.411+/-0.000 χ^2/NDF: 194087323145200

dit_sam8_coil1_err_mean vs Slug, Sign Corrected

Right In: 130.021+/-0.000 χ^2/NDF: 3115259987552341725946418665378283520.0/14

Left Out: 317.273+/-0.000 χ^2/NDF:2653113085358782322320525270227877888.0/4

Right Out: -126.709+/-0.000 χ^2/NDF: 5397122581297664561308621600668516352.0/15

Left In: -357.077+/-0.000 χ^2/NDF:1185200800149617811629120794174423 04.0/2

196.110+/-0.000 χ^2/NDF: 1379998934160485

10.976+/-0.000 χ^2/NDF: 1008803991466

-190.422+/-0.000 χ^2/NDF: 1530560256850087

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4

Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: -1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288499 2.0/2

1026.510+/-0.000 χ^2/NDF: 2837419803974349

31.757+/-0.000 χ^2/NDF: 2165593159527

-1050.388+/-0.000 χ^2/NDF: 650184709002569

dit_4aX_coil3_mean vs Slug, Sign Corrected

Right In: -36.540+/-0.000 χ^2/NDF: 2543518678614446092026376338643353 60.0/14

Left Out: -72.787+/-0.000 χ^2/NDF:5184390708997106974210030119052 9024.0/4

Right Out: 31.085+/-0.000 χ^2/NDF: 1812910791193816361784084988763832 32.0/15

Left In: 85.224+/-0.000 χ^2/NDF:1137541112129477680289474218767155 2.0/2

-49.333+/-0.000 χ^2/NDF: 6071441795118088 4

-3.644+/-0.000 χ^2/NDF: 5711916246958 3

46.059+/-0.000 χ^2/NDF: 7333636000958931 85

dit_4aX_coil3_err_mean vs Slug, Sign Corrected

Right In: 2.867+/-0.000 χ^2/NDF: 3455499087584693564208174061322240.0/14

Left Out: 2.347+/-0.000 χ^2/NDF:5230524312981575777422127451340 8.0/4

Right Out: -2.821+/-0.000 χ^2/NDF: 3052948718107902490497172912472064.0/15

Left In: -2.802+/-0.000 χ^2/NDF:9415737876637926204190557732864.0/2

2.684+/-0.000 χ^2/NDF: 3569918258075010208

0.050+/-0.000 χ^2/NDF: 21161167193976

-2.816+/-0.000 χ^2/NDF: 306243024876926013

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 975.847+/-0.000 χ^2/NDF:46950593288913150396227124528592977 92.0/4

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Left In: -1133.122+/-0.000 χ^2/NDF:7365584540853331592808282192913367040.0/2

1058.841+/-0.000 χ^2/NDF: 4120126694005646

52.363+/-0.000 χ^2/NDF: 2241873916596

-1042.537+/-0.000 χ^2/NDF: 793358395160833

dit_4eX_coil3_mean vs Slug, Sign Corrected

Right In: -43.289+/-0.000 χ^2/NDF: 199342736778845281087197523996573696.0/14

Left Out: -74.202+/-0.000 χ^2/NDF:531669323179932613315592316319170 56.0/4

Right Out: 37.832+/-0.000 χ^2/NDF: 148683933977204936634636843897323520.0/15

Left In: 86.796+/-0.000 χ^2/NDF:114591249768667213238949836687933 44.0/2

-54.200+/-0.000 χ^2/NDF: 4714006016819244 2

-3.634+/-0.000 χ^2/NDF: 6428269455149 4

51.374+/-0.000 χ^2/NDF: 6024011629217426 4

dit_4eX_coil3_err_mean vs Slug, Sign Corrected

Right In: 2.832+/-0.000 χ^2/NDF: 39576725319290173285125643231559 68.0/14

Left Out: 2.246+/-0.000 χ^2/NDF:4920120549099600062930846797004 8.0/4

Right Out: -2.784+/-0.000 χ^2/NDF: 3589544956108116898091236897849344.0/15

Left In: -2.679+/-0.000 χ^2/NDF:7487411209604169055203036758016.0/2

2.625+/-0.000 χ^2/NDF: 408559412575504788 9

0.048+/-0.000 χ^2/NDF: 2158998843136 8

-2.755+/-0.000 χ^2/NDF: 359905806291557710

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 975.847+/-0.000 χ^2/NDF:469505932889131503962271245285929779 2.0/4

Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773 68832.0/15

Left In: -1133.122+/-0.000 χ^2/NDF:736558454085333159280828219291336 7040.0/2

1058.841+/-0.000 χ^2/NDF: 4120126694005646

52.363+/-0.000 χ^2/NDF: 2241873916596

-1042.537+/-0.000 χ^2/NDF: 793358395160833

dit_11X12X_coil3_mean vs Slug, Sign Corrected

Right In: -72.949+/-0.000 χ^2/NDF: 6575542846485798030687912629108736 0.0/14

Left Out: -68.951+/-0.000 χ^2/NDF:4199616940009429675347127954309120 0.0/4

Right Out: 68.324+/-0.000 χ^2/NDF: 1066943448982023644833671313725849 60.0/15

Left In: 81.492+/-0.000 χ^2/NDF:6082224586466231959034941302374400.0/2

-71.538+/-0.000 χ^2/NDF: 1114136346270928 7

-2.805+/-0.000 χ^2/NDF: 1014914435919 6

71.966+/-0.000 χ^2/NDF: 1447668353214408 9

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected

Right In: 3.793+/-0.000 χ^2/NDF: 320538924272612961979629081041305 6.0/14

3.432+/-0.000 χ^2/NDF: 3572664104827143332

Left Out: 2.770+/-0.000 χ^2/NDF:1275523829163442691972382284840 96.0/4

0.124+/-0.000 χ^2/NDF: 29607807941265

Right Out: -3.783+/-0.000 χ^2/NDF: 287858662219267665445233875537 1008.0/15

-3.475+/-0.000 χ^2/NDF: 311844148563101172

Left In: -2.669+/-0.000 χ^2/NDF:108316442638315810544058525286 40.0/2

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 975.847+/-0.000 χ^2/NDF:469505932889131503962271245285929779 2.0/4

Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773 68832.0/15

Left In: -1133.122+/-0.000 χ^2/NDF:736558454085333159280828219291336 7040.0/2

1058.841+/-0.000 χ^2/NDF: 4120126694005646

52.363+/-0.000 χ^2/NDF: 2241873916596

-1042.537+/-0.000 χ^2/NDF: 793358395160833

dit_4aY_coil3_mean vs Slug, Sign Corrected

Right In: 4.025+/-0.000 χ^2/NDF: 769001650442321928129473832550400.0/14

Left Out: 4.227+/-0.000 χ^2/NDF:525618472051078932073914692534272.0/4

Right Out: -3.819+/-0.000 χ^2/NDF: 888232240226434329114859171479552.0/15

Left In: -4.675+/-0.000 χ^2/NDF:681091009715424529560708422041 60.0/2

4.096+/-0.000 χ^2/NDF: 1303999877650704051

0.192+/-0.000 χ^2/NDF: 34317101690788

-4.055+/-0.000 χ^2/NDF: 109160399332601856

dit_4aY_coil3_err_mean vs Slug, Sign Corrected

Right In: 0.839+/-0.000 χ^2/NDF: 2584160253346156615211630838415 36.0/14

Left Out: 0.365+/-0.000 χ^2/NDF:1876707353227686427595280220160.0/4

Right Out: -0.844+/-0.000 χ^2/NDF: 2529175093934327602406489189253 12.0/15

Left In: -0.421+/-0.000 χ^2/NDF:1050632958370158331237477908 48.0/2

0.672+/-0.000 χ^2/NDF: 3116700085585393297

0.002+/-0.000 χ^2/NDF: 1536780123858 5

-0.727+/-0.000 χ^2/NDF: 2859873379890949 05

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 975.847+/-0.000 χ^2/NDF:469505932889131503962271245285929779 2.0/4

Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773 68832.0/15

Left In: -1133.122+/-0.000 χ^2/NDF:736558454085333159280828219291336 7040.0/2

1058.841+/-0.000 χ^2/NDF: 4120126694005646

52.363+/-0.000 χ^2/NDF: 2241873916596

-1042.537+/-0.000 χ^2/NDF: 793358395160833

dit_4eY_coil3_mean vs Slug, Sign Corrected

Right In: 4.275+/-0.000 χ^2/NDF: 5971887078981988517924154355220 48.0/14

Left Out: 3.416+/-0.000 χ^2/NDF:3786077418318114198456951489167 36.0/4

Right Out: -4.039+/-0.000 χ^2/NDF: 7723688481944643249731087651307 52.0/15

Left In: -4.940+/-0.000 χ^2/NDF:6329638977115348307653178477772 8.0/2

3.972+/-0.000 χ^2/NDF: 1144872525506322063

0.015+/-0.000 χ^2/NDF: 34908608846868

-4.289+/-0.000 χ^2/NDF: 985429204314606258

dit_4eY_coil3_err_mean vs Slug, Sign Corrected

Right In: 0.793+/-0.000 χ^2/NDF: 1955087771735894834403147000053 76.0/14

Left Out: 0.401+/-0.000 χ^2/NDF:2530885255191766681155708911616.0/4

Right Out: -0.778+/-0.000 χ^2/NDF: 1858146357721833060639036906 3872.0/15

Left In: -0.454+/-0.000 χ^2/NDF:7954489294535780045254400 4096.0/2

0.655+/-0.000 χ^2/NDF: 2332311685394204629

0.011+/-0.000 χ^2/NDF: 1305774705367 1

-0.689+/-0.000 χ^2/NDF: 205312109141317062

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 975.847+/-0.000 χ^2/NDF:469505932889131503962271245285929779 2.0/4

Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773 68832.0/15

Left In: -1133.122+/-0.000 χ^2/NDF:736558454085333159280828219291336 7040.0/2

1058.841+/-0.000 χ^2/NDF: 4120126694005646

52.363+/-0.000 χ^2/NDF: 2241873916596

-1042.537+/-0.000 χ^2/NDF: 793358395160833

dit_usl_coil3_mean vs Slug, Sign Corrected

Right In: 3155.434+/-0.000 χ^2/NDF: 9035505347736229021109182140336129966 08.0/14

Left Out: 5061.186+/-0.000 χ^2/NDF:2405555007180636984155544361700362813 44.0/3

Right Out: -2792.245+/-0.000 χ^2/NDF: 6746357493241730019732644275309867171 84.0/15

Left In: -6099.863+/-0.000 χ^2/NDF:6148764978226346821413091249187559833 6.0/2

3739.783+/-0.000 χ^2/NDF: 186684821421941 5

44.426+/-0.000 χ^2/NDF: 3037865842968

-3707.042+/-0.000 χ^2/NDF: 275433098398048

dit_usl_coil3_err_mean vs Slug, Sign Corrected

Right In: 213.739+/-0.000 χ^2/NDF: 19718138109054002114361149860507287552.0/14

Left Out: 186.604+/-0.000 χ^2/NDF:562219496211563189622396144228237312.0/3

Right Out: -234.712+/-0.000 χ^2/NDF: 240131341071672148951890504810674257 92.0/15

Left In: -220.527+/-0.000 χ^2/NDF:242767026488511620698932582274826 24.0/2

205.419+/-0.000 χ^2/NDF: 2042688101833674 8

-11.042+/-0.000 χ^2/NDF: 1328802130125

-230.789+/-0.000 χ^2/NDF: 2407453242481419

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 949.885+/-0.000 χ^2/NDF:367294053294839660716696725048682086 4.0/3

Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Left In: -1133.122+/-0.000 χ^2/NDF:736558454085333159280828219291336704 0.0/2

1056.822+/-0.000 χ^2/NDF: 411440981106941 7

15.052+/-0.000 χ^2/NDF: 2167557312216

-1042.537+/-0.000 χ^2/NDF: 793358395160833

dit_usr_coil3_mean vs Slug, Sign Corrected

Right In: -3034.527+/-0.000 χ^2/NDF: 6306945533534638685473351750909197025 28.0/14

Left Out: -4481.955+/-0.000 χ^2/NDF:1873957554970380199828741388853649080 32.0/4

Right Out: 2731.035+/-0.000 χ^2/NDF: 5282908477035679915556946292392119500 80.0/15

Left In: 5227.843+/-0.000 χ^2/NDF:4593916287107231887329574858972253388 8.0/2

-3545.384+/-0.000 χ^2/NDF: 129797941575758

-208.478+/-0.000 χ^2/NDF: 2634009013 56

3421.583+/-0.000 χ^2/NDF: 172424982966787 2

dit_usr_coil3_err_mean vs Slug, Sign Corrected

Right In: 273.039+/-0.000 χ^2/NDF: 2648593505334117509291379521218412544 0.0/14

Left Out: 178.444+/-0.000 χ^2/NDF:5339953164419321843308657937471242 24.0/4

Right Out: -275.044+/-0.000 χ^2/NDF: 2226476008875290179256189299165705 0112.0/15

Left In: -198.228+/-0.000 χ^2/NDF:1501623247939128833360131186176819 2.0/2

239.652+/-0.000 χ^2/NDF: 2906958768781219 7

3.309+/-0.000 χ^2/NDF: 1694116940445 5

-253.799+/-0.000 χ^2/NDF: 2336828626733912

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 975.847+/-0.000 χ^2/NDF:469505932889131503962271245285929779 2.0/4

Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773 68832.0/15

Left In: -1133.122+/-0.000 χ^2/NDF:736558454085333159280828219291336 7040.0/2

1058.841+/-0.000 χ^2/NDF: 4120126694005646

52.363+/-0.000 χ^2/NDF: 2241873916596

-1042.537+/-0.000 χ^2/NDF: 793358395160833

dit_atl1_coil3_mean vs Slug, Sign Corrected

Right In: -1564.595+/-0.000 χ^2/NDF: 4838748009785710425789757570290391449 60.0/14

Left Out: -1162.250+/-0.000 χ^2/NDF:4372446804700385567182062230985513107456.0/4

Right Out: 1578.178+/-0.000 χ^2/NDF: 3684505725562175640719632035810985902 08.0/15

Left In: 3451.219+/-0.000 χ^2/NDF:4343566186606372993871628920665250201 6.0/2

-1422.591+/-0.000 χ^2/NDF: 489340209195709

262.778+/-0.000 χ^2/NDF: 119007427071

2096.210+/-0.000 χ^2/NDF: 105907296281721 7

dit_atl1_coil3_err_mean vs Slug, Sign Corrected

Right In: 358.080+/-0.000 χ^2/NDF: 15792278914569785816564445209020281651 2.0/14

Left Out: 168.855+/-0.000 χ^2/NDF:612492705254103471581970674825035776.0/4

Right Out: -893.897+/-0.000 χ^2/NDF: 207592015577420104357269565679780390 5024.0/15

Left In: -184.463+/-0.000 χ^2/NDF:561566463448834699443589177967385 6.0/2

291.295+/-0.000 χ^2/NDF: 1667370006026939 2

-182.389+/-0.000 χ^2/NDF: 2805428059 76

-697.687+/-0.000 χ^2/NDF: 2168821267155777

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 975.847+/-0.000 χ^2/NDF:469505932889131503962271245285929779 2.0/4

Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773 68832.0/15

Left In: -1133.122+/-0.000 χ^2/NDF:736558454085333159280828219291336 7040.0/2

1058.841+/-0.000 χ^2/NDF: 4120126694005646

52.363+/-0.000 χ^2/NDF: 2241873916596

-1042.537+/-0.000 χ^2/NDF: 793358395160833

dit_atl2_coil3_mean vs Slug, Sign Corrected

Right In: 5295.485+/-0.000 χ^2/NDF: 250564523296826327544404801609318321356 8.0/14

Left Out: 8601.618+/-0.000 χ^2/NDF:925120105436813422451790514068754792448.0/4

Right Out: -4575.270+/-0.000 χ^2/NDF: 186332209477040373909610080007271691059 2.0/15

Left In: -10315.858+/-0.000 χ^2/NDF:265750840232418679720145914223617114112.0/2

6462.356+/-0.000 χ^2/NDF: 5934496119545539

415.321+/-0.000 χ^2/NDF: 907175384102

-6162.960+/-0.000 χ^2/NDF: 820829188152786

dit_atl2_coil3_err_mean vs Slug, Sign Corrected

Right In: 862.683+/-0.000 χ^2/NDF: 3376840008638193150264591065257596682 24.0/14

783.125+/-0.000 χ^2/NDF: 3693647663826867

Left Out: 637.269+/-0.000 χ^2/NDF:2004201177702317358558626903455327846 4.0/4

8.453+/-0.000 χ^2/NDF: 1956523923839 5

Right Out: -856.059+/-0.000 χ^2/NDF: 3271952165464447671487162246882886942 72.0/15

-834.277+/-0.000 χ^2/NDF: 3304431346837824

Left Out: -777.302+/-0.000 χ^2/NDF:2103706258136864462788887698915459072.0/2

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 975.847+/-0.000 χ^2/NDF:469505932889131503962271245285929779 2.0/4

Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773 68832.0/15

Left In: -1133.122+/-0.000 χ^2/NDF:736558454085333159280828219291336 7040.0/2

1058.841+/-0.000 χ^2/NDF: 4120126694005646

52.363+/-0.000 χ^2/NDF: 2241873916596

-1042.537+/-0.000 χ^2/NDF: 793358395160833

dit_atr1_coil3_mean vs Slug, Sign Corrected

Right In: 2201.844+/-0.000 χ^2/NDF: 1086544775216266395419904724422998622208.0/14

Left Out: 4479.305+/-0.000 χ^2/NDF:18687572915440211171903274562397143040 0.0/4

Right In: 3005.654+/-0.000 χ^2/NDF: 2461509600201492

Left Out: 170.359+/-0.000 χ^2/NDF: 219594998140

Right Out: -2026.969+/-0.000 χ^2/NDF: 7086264566034107051245182999566451998 72.0/15

Left In: -5234.277+/-0.000 χ^2/NDF:5733531911575393407722226647262298112 0.0/2

Right Out: -2914.023+/-0.000 χ^2/NDF: 266361316616146

dit_atr1_coil3_err_mean vs Slug, Sign Corrected

Right In: 329.229+/-0.000 χ^2/NDF: 1032850290919227420338379034371324641 28.0/14

Left Out: 184.848+/-0.000 χ^2/NDF:4780682310503155808720998956447825 92.0/4

Right Out: -402.690+/-0.000 χ^2/NDF: 2776360567932933742421160535150034944 00.0/15

Left In: -211.386+/-0.000 χ^2/NDF:7650416775217898413900901105270784.0/2

278.271+/-0.000 χ^2/NDF: 1085380500194329 2

-22.541+/-0.000 χ^2/NDF: 582425456754 8

-349.781+/-0.000 χ^2/NDF: 2843949475770512

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 975.847+/-0.000 χ^2/NDF:4695059328891315039622712452859297792.0/4

Right Out: -1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736883 2.0/15

Left In: -1133.122+/-0.000 χ^2/NDF:7365584540853331592808282192913367040.0/2

1058.841+/-0.000 χ^2/NDF: 4120126694005646

52.363+/-0.000 χ^2/NDF: 2241873916596

-1042.537+/-0.000 χ^2/NDF: 793358395160833

dit_atr2_coil3_mean vs Slug, Sign Corrected

Right In: -3183.928+/-0.000 χ^2/NDF: 2134923281384422537296044119642733543424.0/14

Left Out: -5674.660+/-0.000 χ^2/NDF:227607695980143022391418223279669772288.0/4

Right Out: 2843.597+/-0.000 χ^2/NDF: 9470776115637232447055310919440153968 64.0/15

Left In: 6469.026+/-0.000 χ^2/NDF:967932010652551867614628824343547740 16.0/2

-4063.010+/-0.000 χ^2/NDF: 378355329209376

-274.763+/-0.000 χ^2/NDF: 37304373792

3846.291+/-0.000 χ^2/NDF: 346854770248699

dit_atr2_coil3_err_mean vs Slug, Sign Corrected

Right In: 1003.407+/-0.000 χ^2/NDF: 219815257294811198811064619822196195328.0/14

872.324+/-0.000 χ^2/NDF: 2629185067982698

Left Out: 632.006+/-0.000 χ^2/NDF:1150718809990637845220776544901582028 8.0/4

-166.592+/-0.000 χ^2/NDF: 628120390609

Right Out: -1539.568+/-0.000 χ^2/NDF: 36147747852974822931453545741254372884 48.0/15

-1296.779+/-0.000 χ^2/NDF: 375800985716926

Left In: -661.718+/-0.000 χ^2/NDF:1075732279748122261073408936690843648.0/2

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 975.847+/-0.000 χ^2/NDF:46950593288913150396227124528592977 92.0/4

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Left In: -1133.122+/-0.000 χ^2/NDF:7365584540853331592808282192913367040.0/2

1058.841+/-0.000 χ^2/NDF: 4120126694005646

52.363+/-0.000 χ^2/NDF: 2241873916596

-1042.537+/-0.000 χ^2/NDF: 793358395160833

dit_sam1_coil3_mean vs Slug, Sign Corrected

Right In: 169.489+/-0.000 χ^2/NDF: 954358945852108910324266135674903592960.0/14

Left Out: 645.214+/-0.000 χ^2/NDF:322324081846017445053022277092266475520.0/4

Right Out: -110.289+/-0.000 χ^2/NDF: 717707841020529385235927165084798812160.0/15

Left In: -861.524+/-0.000 χ^2/NDF:110227469329063060843341840783213854720.0/2

337.392+/-0.000 χ^2/NDF: 17950751349575934

23.456+/-0.000 χ^2/NDF: 5727971539105

-318.060+/-0.000 χ^2/NDF: 1869023647887215

dit_sam1_coil3_err_mean vs Slug, Sign Corrected

Right In: 74.129+/-0.000 χ^2/NDF: 216837571740120732262065825808121856 0.0/14

Left Out: 28.346+/-0.000 χ^2/NDF:29473401288852899465489120183189504.0/4

Right Out: -78.633+/-0.000 χ^2/NDF: 23432303368798306387676789035394662 40.0/15

Left In: -36.019+/-0.000 χ^2/NDF:57261827633750341983675457826979 84.0/2

57.970+/-0.000 χ^2/NDF: 267795887623184821

-1.812+/-0.000 χ^2/NDF: 1284619677430 9

-66.847+/-0.000 χ^2/NDF: 2683954301850588 4

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 975.847+/-0.000 χ^2/NDF:469505932889131503962271245285929779 2.0/4

Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773 68832.0/15

Left In: -1133.122+/-0.000 χ^2/NDF:736558454085333159280828219291336 7040.0/2

1058.841+/-0.000 χ^2/NDF: 4120126694005646

52.363+/-0.000 χ^2/NDF: 2241873916596

-1042.537+/-0.000 χ^2/NDF: 793358395160833

dit_sam2_coil3_mean vs Slug, Sign Corrected

Right In: 9876.530+/-0.000 χ^2/NDF: 8483360287053054122301651905797133697024.0/14

Left Out: 14469.705+/-0.000 χ^2/NDF:3004079251604735431535466918556305719296.0/4

Right Out: -8961.593+/-0.000 χ^2/NDF: 7583728644146461427304320888408335450112.0/15

Left In: -16410.005+/-0.000 χ^2/NDF:2757524822921523148900299743889562009 60.0/2

11497.651+/-0.000 χ^2/NDF: 16319950981131

711.797+/-0.000 χ^2/NDF: 278032058119

-11021.620+/-0.000 χ^2/NDF: 18093885560912

dit_sam2_coil3_err_mean vs Slug, Sign Corrected

Right In: 764.284+/-0.000 χ^2/NDF: 2909647580582694800050672050200305991 68.0/14

Left Out: 430.983+/-0.000 χ^2/NDF:2778819163872099469134076880418242560.0/4

Right Out: -772.547+/-0.000 χ^2/NDF: 2859021389046424012786255876318916771 84.0/15

Left In: -498.709+/-0.000 χ^2/NDF:817575414065191958807356191295930368.0/2

646.648+/-0.000 χ^2/NDF: 3191896898093956

3.184+/-0.000 χ^2/NDF: 1486805018586

-696.811+/-0.000 χ^2/NDF: 3005529556742328

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 975.847+/-0.000 χ^2/NDF:4695059328891315039622712452859297792.0/4

Right Out: -1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736883 2.0/15

Left In: -1133.122+/-0.000 χ^2/NDF:7365584540853331592808282192913367040.0/2

1058.841+/-0.000 χ^2/NDF: 4120126694005646

52.363+/-0.000 χ^2/NDF: 2241873916596

-1042.537+/-0.000 χ^2/NDF: 793358395160833

dit_sam3_coil3_mean vs Slug, Sign Corrected

Right In: 5145.657+/-0.000 χ^2/NDF: 4272867262459372237810540195851662262272.0/14

Left Out: 8510.286+/-0.000 χ^2/NDF:2392046314410602008351692532380361293824.0/4

Right Out: -4318.126+/-0.000 χ^2/NDF: 3345176554564755427312533888908526616576.0/15

Left In: -9470.795+/-0.000 χ^2/NDF:3815354803063790504379194183796003962 88.0/2

6333.173+/-0.000 χ^2/NDF: 925802568180834

549.055+/-0.000 χ^2/NDF: 879433259151

-5743.213+/-0.000 χ^2/NDF: 862449438592122

dit_sam3_coil3_err_mean vs Slug, Sign Corrected

Right In: 378.052+/-0.000 χ^2/NDF: 615165900225930530408607608613319475 20.0/14

Left Out: 294.587+/-0.000 χ^2/NDF:2850763728516721814404844359199490048.0/4

Right Out: -363.772+/-0.000 χ^2/NDF: 5903133748470980180418143934270668 8000.0/15

Left In: -338.760+/-0.000 χ^2/NDF:9750434694379486930578346202009436 16.0/2

348.594+/-0.000 χ^2/NDF: 6596308688515899

10.711+/-0.000 χ^2/NDF: 3651583300276

-356.855+/-0.000 χ^2/NDF: 601217940433793

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 975.847+/-0.000 χ^2/NDF:4695059328891315039622712452859297792.0/4

Right Out: -1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736883 2.0/15

Left In: -1133.122+/-0.000 χ^2/NDF:7365584540853331592808282192913367040.0/2

1058.841+/-0.000 χ^2/NDF: 4120126694005646

52.363+/-0.000 χ^2/NDF: 2241873916596

-1042.537+/-0.000 χ^2/NDF: 793358395160833

dit_sam4_coil3_mean vs Slug, Sign Corrected

Right In: 9062.710+/-0.000 χ^2/NDF: 1362106694311435459415925240917543144652 8.0/14

Left Out: 15437.787+/-0.000 χ^2/NDF:4316826968657518194709744076444577824768.0/4

Right Out: -7490.147+/-0.000 χ^2/NDF: 1010820212420413993228500645738823915929 6.0/15

Left In: -17865.694+/-0.000 χ^2/NDF:4673809683577646399066688751379184353 28.0/2

11312.737+/-0.000 χ^2/NDF: 27247213881043

932.465+/-0.000 χ^2/NDF: 28332288550 3

-10359.740+/-0.000 χ^2/NDF: 3043456929424 9

dit_sam4_coil3_err_mean vs Slug, Sign Corrected

Right In: 530.057+/-0.000 χ^2/NDF: 787546760630632555240464717518806712 32.0/14

Left Out: 508.999+/-0.000 χ^2/NDF:524673688098892513582738299150978252 8.0/4

522.625+/-0.000 χ^2/NDF: 8410298567757071 9

Right Out: -507.987+/-0.000 χ^2/NDF: 7668973469830846433788184196955504 6400.0/15

18.453+/-0.000 χ^2/NDF: 6960495912821

Left In: -587.621+/-0.000 χ^2/NDF:1785331289149632272592063875336110080.0/2

-530.011+/-0.000 χ^2/NDF: 7964491377779125

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 975.847+/-0.000 χ^2/NDF:4695059328891315039622712452859297792.0/4

Right Out: -1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736883 2.0/15

Left In: -1133.122+/-0.000 χ^2/NDF:7365584540853331592808282192913367040.0/2

1058.841+/-0.000 χ^2/NDF: 4120126694005646

52.363+/-0.000 χ^2/NDF: 2241873916596

-1042.537+/-0.000 χ^2/NDF: 793358395160833

dit_sam5_coil3_mean vs Slug, Sign Corrected

Right In: 515.635+/-0.000 χ^2/NDF: 484654034205739572926730623711623249 92.0/14

Left Out: 414.122+/-0.000 χ^2/NDF:5114214716859257498793002516229390336.0/4 479.807+/-0.000 χ^2/NDF: 5594005277684373 4

Right Out: -461.497+/-0.000 χ^2/NDF: 4047374666009135592806330688436856422 4.0/15 7.185+/-0.000 χ^2/NDF: 5722675003951 6

Left In: -625.869+/-0.000 χ^2/NDF:3103656294311520626133385781853552640.0/2 -506.958+/-0.000 χ^2/NDF: 4856151968625871

dit_sam5_coil3_err_mean vs Slug, Sign Corrected

Right In: 88.493+/-0.000 χ^2/NDF: 6432311551930355126258179632089006 08.0/14

Left Out: 69.154+/-0.000 χ^2/NDF:1153779223047343859540654634911662 08.0/4

Right Out: -86.773+/-0.000 χ^2/NDF: 1059206766314086021240525003228708864.0/15

Left In: -72.618+/-0.000 χ^2/NDF:4948947322620614876612126413160448.0/2

81.668+/-0.000 χ^2/NDF: 8442727644074348 79

2.866+/-0.000 χ^2/NDF: 14949176424153

-82.858+/-0.000 χ^2/NDF: 1101122377580995 0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 975.847+/-0.000 χ^2/NDF:469505932889131503962271245285929779 2.0/4

Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Left In: -1133.122+/-0.000 χ^2/NDF:736558454085333159280828219291336704 0.0/2

1058.841+/-0.000 χ^2/NDF: 4120126694005646

52.363+/-0.000 χ^2/NDF: 2241873916596

-1042.537+/-0.000 χ^2/NDF: 793358395160833

dit_sam6_coil3_mean vs Slug, Sign Corrected

Right In: -1299.904+/-0.000 χ^2/NDF: 1199649252163216367086408691577524322304.0/14

Left Out: -4528.205+/-0.000 χ^2/NDF:2993900048471447572318628725598055301 12.0/4

Right Out: 951.903+/-0.000 χ^2/NDF: 8413146968636570441744682842170893271 04.0/15

Left In: 5271.982+/-0.000 χ^2/NDF:2175721471477169744714931580394285301 76.0/2

-2439.304+/-0.000 χ^2/NDF: 388627430802719

-242.778+/-0.000 χ^2/NDF: 18491555741

2146.719+/-0.000 χ^2/NDF: 450174023257444

dit_sam6_coil3_err_mean vs Slug, Sign Corrected

Right In: 114.118+/-0.000 χ^2/NDF: 607226770891525118881736460452495360.0/14

Left Out: 146.041+/-0.000 χ^2/NDF:327207991963962703681819522442985472.0/4

Right Out: -105.890+/-0.000 χ^2/NDF: 851861355270591521058611007535972352.0/15

Left In: -167.089+/-0.000 χ^2/NDF:160241372028024634292059157351628 80.0/2

125.385+/-0.000 χ^2/NDF: 1167863886723964

6.506+/-0.000 χ^2/NDF: 3232085410793 2

-122.816+/-0.000 χ^2/NDF: 1558808573658812

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 975.847+/-0.000 χ^2/NDF:469505932889131503962271245285929779 2.0/4

Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773 68832.0/15

Left In: -1133.122+/-0.000 χ^2/NDF:736558454085333159280828219291336 7040.0/2

1058.841+/-0.000 χ^2/NDF: 4120126694005646

52.363+/-0.000 χ^2/NDF: 2241873916596

-1042.537+/-0.000 χ^2/NDF: 793358395160833

dit_sam7_coil3_mean vs Slug, Sign Corrected

Right In: 2323.372+/-0.000 χ^2/NDF: 4763711898883493759647256207577285918 72.0/14

Left Out: 3402.362+/-0.000 χ^2/NDF:1785350719586971327873459479004326133 76.0/4

Right In: 2704.192+/-0.000 χ^2/NDF: 9215811088226370

Left Out: 174.480+/-0.000 χ^2/NDF: 152736856747

Right Out: -2092.458+/-0.000 χ^2/NDF: 3671260808721661226636840224733391749 12.0/15

Left In: -3846.125+/-0.000 χ^2/NDF:1647512776751686073732681758149915443 2.0/2

Right Out: -2577.475+/-0.000 χ^2/NDF: 950923099711216

dit_sam7_coil3_err_mean vs Slug, Sign Corrected

Right In: 122.622+/-0.000 χ^2/NDF: 5937504661187691145903235842749497344.0/14

Left Out: 98.079+/-0.000 χ^2/NDF:1460149366083070536823733497899253 76.0/4

Right Out: -124.216+/-0.000 χ^2/NDF: 6549627589629012958791202941129719808.0/15

Left In: -113.453+/-0.000 χ^2/NDF:1072722375042606472898496307606 3232.0/2

113.960+/-0.000 χ^2/NDF: 6221499349476894 2

1.308+/-0.000 χ^2/NDF: 39378203723254

-121.239+/-0.000 χ^2/NDF: 6581727827988810

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 975.847+/-0.000 χ^2/NDF:469505932889131503962271245285929779 2.0/4

Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Left In: -1133.122+/-0.000 χ^2/NDF:736558454085333159280828219291336704 0.0/2

1058.841+/-0.000 χ^2/NDF: 4120126694005646

52.363+/-0.000 χ^2/NDF: 2241873916596

-1042.537+/-0.000 χ^2/NDF: 793358395160833

dit_sam8_coil3_mean vs Slug, Sign Corrected

Right In: 1761.245+/-0.000 χ^2/NDF: 332206925976055306953064744993096204288.0/14

Left Out: 2522.092+/-0.000 χ^2/NDF:9205321080258392980854750507846703513 6.0/4

Right Out: -1479.801+/-0.000 χ^2/NDF: 2634677681347809688325512386092361318 40.0/15

Left In: -3132.307+/-0.000 χ^2/NDF:6100210108906256631027046000132882432.0/2

2029.779+/-0.000 χ^2/NDF: 556859485958622

129.924+/-0.000 χ^2/NDF: 888879274619

-1936.839+/-0.000 χ^2/NDF: 773325237247191

dit_sam8_coil3_err_mean vs Slug, Sign Corrected

Right In: 82.422+/-0.000 χ^2/NDF: 1263633347129443757477527241185296384.0/14

Left Out: 78.754+/-0.000 χ^2/NDF:97374534332882457850282393364070400.0/4

Right Out: -77.430+/-0.000 χ^2/NDF: 1515456409368458038568290276111024128.0/15

Left In: -95.459+/-0.000 χ^2/NDF:62379639890284095687532799915458 56.0/2

81.127+/-0.000 χ^2/NDF: 13640897341218856

2.796+/-0.000 χ^2/NDF: 15794762932064

-82.416+/-0.000 χ^2/NDF: 15816588989544014

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 975.847+/-0.000 χ^2/NDF:469505932889131503962271245285929779 2.0/4

Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773 68832.0/15

Left In: -1133.122+/-0.000 χ^2/NDF:736558454085333159280828219291336 7040.0/2

1058.841+/-0.000 χ^2/NDF: 4120126694005646

52.363+/-0.000 χ^2/NDF: 2241873916596

-1042.537+/-0.000 χ^2/NDF: 793358395160833

dit_4aX_coil7_mean vs Slug, Sign Corrected

Right In: 164.752+/-0.000 χ^2/NDF: 636982894318183391742569991655496089 6.0/14

Left Out: 18.964+/-0.000 χ^2/NDF:1249864602505674507701071571320832.0/4

Right Out: -169.108+/-0.000 χ^2/NDF: 604072180204293682276691068781907 1488.0/15

Left In: -24.122+/-0.000 χ^2/NDF:1227860441102058981004885423554 56.0/2

113.297+/-0.000 χ^2/NDF: 1123951711403967

-2.758+/-0.000 χ^2/NDF: 4936328966337

-129.008+/-0.000 χ^2/NDF: 9918636716026806

dit_4aX_coil7_err_mean vs Slug, Sign Corrected

Right In: 7.738+/-0.000 χ^2/NDF: 151272154792345060074694927680798 72.0/14

Left Out: 7.337+/-0.000 χ^2/NDF:4651649974403489036938077399941 12.0/4

Right Out: -7.057+/-0.000 χ^2/NDF: 1129244120413939479234124275358 1056.0/15

Left In: -8.432+/-0.000 χ^2/NDF:1043273123837569219051567940894 72.0/2

7.597+/-0.000 χ^2/NDF: 1562919255911685511

0.396+/-0.000 χ^2/NDF: 13595573390738

-7.437+/-0.000 χ^2/NDF: 117455143645580597

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Left Out: 974.056+/-0.000 χ^2/NDF:1595912754105335226715275409364510 3104.0/4

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819 6480.0/15

Left In: -1219.514+/-0.000 χ^2/NDF:4325839922214845015970174629559926784.0/2

1004.874+/-0.000 χ^2/NDF: 5697182406681956

33.853+/-0.000 χ^2/NDF: 2117272888629

-1022.475+/-0.000 χ^2/NDF: 857956032648845

dit_4eX_coil7_mean vs Slug, Sign Corrected

Right In: 141.032+/-0.000 χ^2/NDF: 45079925855129233325874156122459340 80.0/14

Left Out: 17.317+/-0.000 χ^2/NDF:109035219363980590154003257072025 6.0/4

Right Out: -144.283+/-0.000 χ^2/NDF: 42683335715177408860653616639288 27904.0/15

Left In: -22.010+/-0.000 χ^2/NDF:63171630721435337378905121095680.0/2

97.368+/-0.000 χ^2/NDF: 80149153646578499 6

-2.176+/-0.000 χ^2/NDF: 3579194499651 6

-110.466+/-0.000 χ^2/NDF: 7026409950242949

dit_4eX_coil7_err_mean vs Slug, Sign Corrected

Right In: 7.198+/-0.000 χ^2/NDF: 1821264072850278533783196696313856 0.0/14

Left Out: 6.749+/-0.000 χ^2/NDF:4148573399651594512221451552030 72.0/4

Right Out: -6.547+/-0.000 χ^2/NDF: 1407891250511606893623080983409 4592.0/15

Left In: -7.735+/-0.000 χ^2/NDF:8638715631692763761299372900352 0.0/2

7.040+/-0.000 χ^2/NDF: 186735511994837348 4

0.375+/-0.000 χ^2/NDF: 1261132068753 7

-6.875+/-0.000 χ^2/NDF: 144256181160857755

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 974.056+/-0.000 χ^2/NDF:1595912754105335226715275409364510 3104.0/4

Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

Left In: -1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

1004.874+/-0.000 χ^2/NDF: 5697182406681956

33.853+/-0.000 χ^2/NDF: 2117272888629

-1022.475+/-0.000 χ^2/NDF: 857956032648845

dit_11X12X_coil7_mean vs Slug, Sign Corrected

Right In: -397.613+/-0.000 χ^2/NDF: 266128078538463320709610622947426304 0.0/14

Left Out: -339.610+/-0.000 χ^2/NDF:8208158036362687233495053677709230 08.0/4

Right Out: 394.973+/-0.000 χ^2/NDF: 368559551342718350159616528087410 2784.0/15

Left In: 401.339+/-0.000 χ^2/NDF:137975712227954492539046278182469632.0/2

-377.141+/-0.000 χ^2/NDF: 4252722361612364

-6.486+/-0.000 χ^2/NDF: 2957856655348

396.734+/-0.000 χ^2/NDF: 3831048173605721

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected

Right In: 11.089+/-0.000 χ^2/NDF: 1423599112201498447816335126691840 0.0/14

Left Out: 9.163+/-0.000 χ^2/NDF:2837444934473291576343780441194496.0/4

Right Out: -10.728+/-0.000 χ^2/NDF: 1476723829072526090808112443713126 4.0/15

Left In: -8.833+/-0.000 χ^2/NDF:3876200934010733715523269421957 12.0/2

10.409+/-0.000 χ^2/NDF: 17922964409812205 4

0.536+/-0.000 χ^2/NDF: 2378534587336 5

-10.204+/-0.000 χ^2/NDF: 1581728481577658 4

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 974.056+/-0.000 χ^2/NDF:1595912754105335226715275409364510 3104.0/4

Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

Left In: -1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

1004.874+/-0.000 χ^2/NDF: 5697182406681956

33.853+/-0.000 χ^2/NDF: 2117272888629

-1022.475+/-0.000 χ^2/NDF: 857956032648845

dit_4aY_coil7_mean vs Slug, Sign Corrected

Right In: -9.582+/-0.000 χ^2/NDF: 1470267998394000282080647196337766 4.0/14

Left Out: -7.208+/-0.000 χ^2/NDF:3339109494079561676056105834250240.0/4

Right Out: 8.211+/-0.000 χ^2/NDF: 1830423729383596146560575420445491 2.0/15

Left In: 6.404+/-0.000 χ^2/NDF:2286356538528806853674457198755840.0/2

-8.744+/-0.000 χ^2/NDF: 193323227055256873

-0.863+/-0.000 χ^2/NDF: 1706135827576

7.711+/-0.000 χ^2/NDF: 211929486320426449 6

dit_4aY_coil7_err_mean vs Slug, Sign Corrected

Right In: 2.367+/-0.000 χ^2/NDF: 9206332945461528769220667674460 16.0/14

Left Out: 1.431+/-0.000 χ^2/NDF:1013990558618146659289650744524 8.0/4

Right Out: -2.147+/-0.000 χ^2/NDF: 7641719924802244786561275553382 40.0/15

Left In: -1.631+/-0.000 χ^2/NDF:2076564937091778730723465232384.0/2

2.037+/-0.000 χ^2/NDF: 1131248240391497811

0.101+/-0.000 χ^2/NDF: 97917530356396

-2.004+/-0.000 χ^2/NDF: 815483714796161083

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 974.056+/-0.000 χ^2/NDF:1595912754105335226715275409364510 3104.0/4

Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

Left In: -1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

1004.874+/-0.000 χ^2/NDF: 5697182406681956

33.853+/-0.000 χ^2/NDF: 2117272888629

-1022.475+/-0.000 χ^2/NDF: 857956032648845

dit_4eY_coil7_mean vs Slug, Sign Corrected

Right In: -8.139+/-0.000 χ^2/NDF: 1467644264922212037253377989332172 8.0/14

Left Out: -7.270+/-0.000 χ^2/NDF:219477579081195884081256046002176.0/4

Right Out: 6.859+/-0.000 χ^2/NDF: 1648363156159179073135263215307980 8.0/15

Left In: 4.938+/-0.000 χ^2/NDF:200577900042212223049855974087065 6.0/2

-7.832+/-0.000 χ^2/NDF: 150689167590537501

-1.050+/-0.000 χ^2/NDF: 1305561281374

6.327+/-0.000 χ^2/NDF: 191700690333496158

dit_4eY_coil7_err_mean vs Slug, Sign Corrected

Right In: 2.250+/-0.000 χ^2/NDF: 6567745881362748162954427010908 16.0/14

Left Out: 1.558+/-0.000 χ^2/NDF:160494692376483374350884153589 76.0/4

Right Out: -2.025+/-0.000 χ^2/NDF: 5787174417629564546165055999180 80.0/15

Left In: -1.745+/-0.000 χ^2/NDF:154170944855227118970704861593 6.0/2

2.006+/-0.000 χ^2/NDF: 7826210195416048865

0.112+/-0.000 χ^2/NDF: 8887893902299 8

-1.948+/-0.000 χ^2/NDF: 5947223127804718 41

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Left Out: 974.056+/-0.000 χ^2/NDF:1595912754105335226715275409364510 3104.0/4

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819 6480.0/15

Left In: -1219.514+/-0.000 χ^2/NDF:4325839922214845015970174629559926784.0/2

1004.874+/-0.000 χ^2/NDF: 5697182406681956

33.853+/-0.000 χ^2/NDF: 2117272888629

-1022.475+/-0.000 χ^2/NDF: 857956032648845

dit_usl_coil7_mean vs Slug, Sign Corrected

Right In: 8703.332+/-0.000 χ^2/NDF: 195011330673084268595363045008191919226 88.0/14

Left Out: 18594.873+/-0.000 χ^2/NDF:865486763909151278951086237434222372454 4.0/3

Right Out: -10539.327+/-0.000 χ^2/NDF: 462266842278361092733940625697537586626 56.0/15

Left In: -22175.836+/-0.000 χ^2/NDF:766906099660118971526696727471192014848 0.0/2

11736.315+/-0.000 χ^2/NDF: 476265680280476

-914.628+/-0.000 χ^2/NDF: 42838307977

-13757.667+/-0.000 χ^2/NDF: 78875058671166

dit_usl_coil7_err_mean vs Slug, Sign Corrected

Right In: 599.849+/-0.000 χ^2/NDF: 8925896110037324430933720871563847270 4.0/14

Left Out: 670.110+/-0.000 χ^2/NDF:976231458006422398608072025094016204 8.0/3

Right Out: -623.569+/-0.000 χ^2/NDF: 101448845479297603044152618126879490048.0/15

Left In: -716.663+/-0.000 χ^2/NDF:214682174670208342190308191583915212 8.0/2

621.393+/-0.000 χ^2/NDF: 1000036396736027 8

-9.174+/-0.000 χ^2/NDF: 9551843827892 6

-649.316+/-0.000 χ^2/NDF: 1051944258986735

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 905.979+/-0.000 χ^2/NDF:893137732168068276894248871404974899 2.0/3

Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

Left In: -1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992678 4.0/2

986.206+/-0.000 χ^2/NDF: 5208860787551323 5

-10.567+/-0.000 χ^2/NDF: 201194257423 4

-1022.475+/-0.000 χ^2/NDF: 857956032648845

dit_usr_coil7_mean vs Slug, Sign Corrected

Right In: 25232.229+/-0.000 χ^2/NDF: 2453458197477203101630463386353863229440 0.0/14

Left Out: 18356.079+/-0.000 χ^2/NDF:4099954384046490755893019675922383503360.0/4

Right Out: -25601.388+/-0.000 χ^2/NDF: 2435975758796451082765081984727048309964 8.0/15

Left In: -21288.406+/-0.000 χ^2/NDF:2504746071667990936714745163461328633856.0/2

22805.352+/-0.000 χ^2/NDF: 39464767683440 1

191.740+/-0.000 χ^2/NDF: 114064041918

-24408.535+/-0.000 χ^2/NDF: 30296054770798

dit_usr_coil7_err_mean vs Slug, Sign Corrected

Right In: 818.668+/-0.000 χ^2/NDF: 1056065270969119744894968023183733555 20.0/14

Left Out: 652.987+/-0.000 χ^2/NDF:8043222145454992415081293253523275776.0/4

760.192+/-0.000 χ^2/NDF: 1199374808229030 6

Right Out: -749.661+/-0.000 χ^2/NDF: 7797269183460570870614546125066915 0208.0/15

46.279+/-0.000 χ^2/NDF: 1268127884369

Left In: -679.850+/-0.000 χ^2/NDF:2005809881553195199400467556150018048.0/2

-730.354+/-0.000 χ^2/NDF: 8087755167722561

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 974.056+/-0.000 χ^2/NDF:1595912754105335226715275409364510 3104.0/4

Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

Left In: -1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

1004.874+/-0.000 χ^2/NDF: 5697182406681956

33.853+/-0.000 χ^2/NDF: 2117272888629

-1022.475+/-0.000 χ^2/NDF: 857956032648845

dit_atl1_coil7_mean vs Slug, Sign Corrected

Right In: 4145.268+/-0.000 χ^2/NDF: 7636939983950646896379723819335076481597 44.0/14

Left Out: 12565.740+/-0.000 χ^2/NDF:337595912907149469357810018492227235348 48.0/4

Right Out: -10948.073+/-0.000 χ^2/NDF: 873949668510327201514601463115396191092736.0/15

Left In: -19335.093+/-0.000 χ^2/NDF:114610556017558823888258766091858634342 40.0/2

7117.199+/-0.000 χ^2/NDF: 8136948589396055

-2646.370+/-0.000 χ^2/NDF: 1911708273

-13267.694+/-0.000 χ^2/NDF: 89838700856446

dit_atl1_coil7_err_mean vs Slug, Sign Corrected

Right In: 1062.141+/-0.000 χ^2/NDF: 952806231926530012715872184655778152448.0/14

Left Out: 653.555+/-0.000 χ^2/NDF:1024189107933907867910035946420882636 8.0/4

Right Out: -1887.077+/-0.000 χ^2/NDF: 552587271836384562036602938756905828352 0.0/15

Left In: -704.567+/-0.000 χ^2/NDF:481533161690587643351070497874903040 0.0/2

917.934+/-0.000 χ^2/NDF: 1001287695029924 2

-268.913+/-0.000 χ^2/NDF: 97397140713 4

-1560.027+/-0.000 χ^2/NDF: 578864342422738

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Left Out: 974.056+/-0.000 χ^2/NDF:1595912754105335226715275409364510 3104.0/4

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819 6480.0/15

Left In: -1219.514+/-0.000 χ^2/NDF:4325839922214845015970174629559926784.0/2

1004.874+/-0.000 χ^2/NDF: 5697182406681956

33.853+/-0.000 χ^2/NDF: 2117272888629

-1022.475+/-0.000 χ^2/NDF: 857956032648845

dit_atl2_coil7_mean vs Slug, Sign Corrected

Right In: 80102.504+/-0.000 χ^2/NDF: 2545217840972586547236075226317424657694 72.0/14

Left Out: 94244.867+/-0.000 χ^2/NDF:7754081599845073015413599182376497651384 32.0/4

Right Out: -78815.832+/-0.000 χ^2/NDF: 2860769192178110994344704422319981854 72000.0/15

Left In: -137891.069+/-0.000 χ^2/NDF:8552443146008608640470581391864358764 5440.0/2

85093.926+/-0.000 χ^2/NDF: 1075743179601 86

-1238.013+/-0.000 χ^2/NDF: 1769901074 5

-95154.428+/-0.000 χ^2/NDF: 1015394028949 9

dit_atl2_coil7_err_mean vs Slug, Sign Corrected

Right In: 2662.183+/-0.000 χ^2/NDF: 10313892301656401578644397055833674874 88.0/14

Left Out: 2651.057+/-0.000 χ^2/NDF:4339404123854928042072033912134419087 36.0/4

Right Out: -2624.696+/-0.000 χ^2/NDF: 1566705216866534713590934835660406652928.0/15

Left In: -3086.643+/-0.000 χ^2/NDF:5987918000208964270941811173044833 4848.0/2

2658.256+/-0.000 χ^2/NDF: 146535799788556 6

66.735+/-0.000 χ^2/NDF: 171953573716 4

-2752.458+/-0.000 χ^2/NDF: 166595025911490

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Left Out: 974.056+/-0.000 χ^2/NDF:1595912754105335226715275409364510 3104.0/4

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819 6480.0/15

Left In: -1219.514+/-0.000 χ^2/NDF:4325839922214845015970174629559926784.0/2

1004.874+/-0.000 χ^2/NDF: 5697182406681956

33.853+/-0.000 χ^2/NDF: 2117272888629

-1022.475+/-0.000 χ^2/NDF: 857956032648845

dit_atr1_coil7_mean vs Slug, Sign Corrected

Right In: 3390.550+/-0.000 χ^2/NDF: 6587192744155325672417919455628017375641 6.0/14

Left Out: 14179.704+/-0.000 χ^2/NDF:5605292275790215505855050427755952865280.0/4

Right Out: -3167.396+/-0.000 χ^2/NDF: 1377538866772411444604625318816875680890 88.0/15

Left In: -15735.525+/-0.000 χ^2/NDF:5463394880244639283777058351880272347136.0/2

7198.487+/-0.000 χ^2/NDF: 9814100523246706

568.764+/-0.000 χ^2/NDF: 362540559303

-6643.397+/-0.000 χ^2/NDF: 172356397473774

dit_atr1_coil7_err_mean vs Slug, Sign Corrected

Right In: 893.683+/-0.000 χ^2/NDF: 3345836190786310089324042282273593098 24.0/14

Left Out: 692.363+/-0.000 χ^2/NDF:808878709993564712877088580928169574 4.0/4

Right Out: -1239.298+/-0.000 χ^2/NDF: 297099085948648399040810891893756500377 6.0/15

Left In: -717.871+/-0.000 χ^2/NDF:177437008708682920361199410299378073 6.0/2

822.629+/-0.000 χ^2/NDF: 3519560960938531 8

-95.882+/-0.000 χ^2/NDF: 5141602752763

-1095.086+/-0.000 χ^2/NDF: 302292111259088

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 974.056+/-0.000 χ^2/NDF:1595912754105335226715275409364510 3104.0/4

Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

Left In: -1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

1004.874+/-0.000 χ^2/NDF: 5697182406681956

33.853+/-0.000 χ^2/NDF: 2117272888629

-1022.475+/-0.000 χ^2/NDF: 857956032648845

dit_atr2_coil7_mean vs Slug, Sign Corrected

Right In: 121016.482+/-0.000 χ^2/NDF: 3587138564043035549877849759836096681738 24.0/14

Left Out: 101147.252+/-0.000 χ^2/NDF:1030143953614533079203401932913127928627 20.0/4

Right Out: -120060.693+/-0.000 χ^2/NDF: 8284197823467076014486203100141359527362 56.0/15

Left In: -118772.684+/-0.000 χ^2/NDF:4098685177439397317850557812237816928665 6.0/2

114003.812+/-0.000 χ^2/NDF: 5521575384040 3

2066.653+/-0.000 χ^2/NDF: 2766099285 4

-119704.465+/-0.000 χ^2/NDF: 8697126704217

dit_atr2_coil7_err_mean vs Slug, Sign Corrected

Right In: 3329.488+/-0.000 χ^2/NDF: 567034774398456376227526824513721335808.0/14

Left Out: 2731.099+/-0.000 χ^2/NDF:215499074371412360561271283282532630528.0/4

Right Out: -4173.434+/-0.000 χ^2/NDF: 134982465515379924000950031546824681062 40.0/15

Left In: -2699.649+/-0.000 χ^2/NDF:388081834378838888224739497535697059 84.0/2

3118.292+/-0.000 χ^2/NDF: 8645526969504326

-178.932+/-0.000 χ^2/NDF: 37568861974

-3765.825+/-0.000 χ^2/NDF: 139377397268643

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 974.056+/-0.000 χ^2/NDF:1595912754105335226715275409364510 3104.0/4

Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

Left In: -1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

1004.874+/-0.000 χ^2/NDF: 5697182406681956

33.853+/-0.000 χ^2/NDF: 2117272888629

-1022.475+/-0.000 χ^2/NDF: 857956032648845

dit_sam1_coil7_mean vs Slug, Sign Corrected

Right In: -1268.061+/-0.000 χ^2/NDF: 1092280760288833856070470490800647045120.0/14

Left Out: 5.749+/-0.000 χ^2/NDF:9337931916452863488731715506205097984.0/4

Right Out: 1314.767+/-0.000 χ^2/NDF: 1098471313864079013714609379653260935168.0/15

Left In: 103.250+/-0.000 χ^2/NDF:2561919147150950897089349677947551744.0/2

-818.481+/-0.000 χ^2/NDF: 1473287465024164

42.775+/-0.000 χ^2/NDF: 4398422460005

979.695+/-0.000 χ^2/NDF: 1371799633238336

dit_sam1_coil7_err_mean vs Slug, Sign Corrected

Right In: 202.191+/-0.000 χ^2/NDF: 702794105275284906636904065061512806 4.0/14

Left Out: 90.520+/-0.000 χ^2/NDF:157166518070930186809338855518371840.0/4

Right Out: -187.126+/-0.000 χ^2/NDF: 623002949160552474693651580994138931 2.0/15

Left In: -116.303+/-0.000 χ^2/NDF:983541825243241518623911198735728 64.0/2

162.777+/-0.000 χ^2/NDF: 1004157113757837 9

4.569+/-0.000 χ^2/NDF: 69710715563365

-167.538+/-0.000 χ^2/NDF: 7253673461954421

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Left Out: 974.056+/-0.000 χ^2/NDF:1595912754105335226715275409364510 3104.0/4

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819 6480.0/15

Left In: -1219.514+/-0.000 χ^2/NDF:4325839922214845015970174629559926784.0/2

1004.874+/-0.000 χ^2/NDF: 5697182406681956

33.853+/-0.000 χ^2/NDF: 2117272888629

-1022.475+/-0.000 χ^2/NDF: 857956032648845

dit_sam2_coil7_mean vs Slug, Sign Corrected

Right In: -32594.962+/-0.000 χ^2/NDF: 209150369207000564489724529020922520141824.0/14

Left Out: -2220.203+/-0.000 χ^2/NDF:1245874378742081543906406059468904202 24.0/4

Right Out: 34848.046+/-0.000 χ^2/NDF: 221127702024811719232559434097324967591936.0/15

Left In: 3609.110+/-0.000 χ^2/NDF:1696254215126283131401398654341637 73440.0/2

-21874.459+/-0.000 χ^2/NDF: 42061057234095

1155.266+/-0.000 χ^2/NDF: 19325833538

26208.210+/-0.000 χ^2/NDF: 401320141972030

dit_sam2_coil7_err_mean vs Slug, Sign Corrected

Right In: 1958.835+/-0.000 χ^2/NDF: 1189322999631358431600643692981190131712.0/14

Left Out: 1234.127+/-0.000 χ^2/NDF:221189094383693127228511041167871180 80.0/4

Right Out: -1797.392+/-0.000 χ^2/NDF: 955096623879958195657195074614240215040.0/15

Left In: -1399.691+/-0.000 χ^2/NDF:176124465566387512300912380800401408.0/2

1703.055+/-0.000 χ^2/NDF: 1331743894942301

79.160+/-0.000 χ^2/NDF: 7838454352300

-1687.399+/-0.000 χ^2/NDF: 984450325891599

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 974.056+/-0.000 χ^2/NDF:1595912754105335226715275409364510 3104.0/4

Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

Left In: -1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

1004.874+/-0.000 χ^2/NDF: 5697182406681956

33.853+/-0.000 χ^2/NDF: 2117272888629

-1022.475+/-0.000 χ^2/NDF: 857956032648845

dit_sam3_coil7_mean vs Slug, Sign Corrected

Right In: -18068.550+/-0.000 χ^2/NDF: 8431215644353355341776093349775376016998 4.0/14

Left Out: -2348.340+/-0.000 χ^2/NDF:1256155700295030695532516984163464642 56.0/4

Right Out: 17888.149+/-0.000 χ^2/NDF: 7840591561291425286987523106879539301 5808.0/15

Left In: 2750.126+/-0.000 χ^2/NDF:3401062491518367650006328959820837 6832.0/2

-12520.241+/-0.000 χ^2/NDF: 14104393610826

38.897+/-0.000 χ^2/NDF: 5920668292243

13701.386+/-0.000 χ^2/NDF: 12071392927657 5

dit_sam3_coil7_err_mean vs Slug, Sign Corrected

Right In: 958.411+/-0.000 χ^2/NDF: 2647331050585228222781371970707395706 88.0/14

Left Out: 896.914+/-0.000 χ^2/NDF:2237277989550408183434258212393582592 0.0/4

Right Out: -867.538+/-0.000 χ^2/NDF: 2161298515451667141222523176044881510 40.0/15

Left In: -973.130+/-0.000 χ^2/NDF:5542182305326852192181521160360427 52.0/2

936.706+/-0.000 χ^2/NDF: 2879721598414356 7

58.556+/-0.000 χ^2/NDF: 2121584721156

-896.742+/-0.000 χ^2/NDF: 2187409211844582

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Left Out: 974.056+/-0.000 1004.874+/-0.000 χ^2/NDF: 5697182406681956 χ^2/NDF:1595912754105335226715275409364510 3104.0/4

Right Out: -947.145+/-0.000 33.853+/-0.000 χ^2/NDF: 2117272888629 χ^2/NDF: 6778465601193652151116966802801819 6480.0/15

Left In: -1219.514+/-0.000 -1022.475+/-0.000 χ^2/NDF: 857956032648845 χ^2/NDF:4325839922214845015970174629559926784.0/2

dit_sam4_coil7_mean vs Slug, Sign Corrected

Right In: -28868.624+/-0.000 χ^2/NDF: 261450701095727362961367657926584124309504.0/14

Left Out: -5358.268+/-0.000 χ^2/NDF:262412478780606206656011998388107083776.0/4

Right Out: 27610.848+/-0.000 χ^2/NDF: 248097983477523504935751571384400118546432.0/15

Left In: 5517.882+/-0.000 χ^2/NDF:412781388540581896554062910317857341 44.0/2

-20570.851+/-0.000 χ^2/NDF: 3883223586737 3

-420.295+/-0.000 χ^2/NDF: 1576808369 5 2

21500.537+/-0.000 χ^2/NDF: 3381808489466 3 3

dit_sam4_coil7_err_mean vs Slug, Sign Corrected

Right In: 1353.413+/-0.000 χ^2/NDF: 3528879667027707133738618398805537587 20.0/14

Left Out: 1606.573+/-0.000 χ^2/NDF:4121580375877369399324015741375401164 8.0/4

Right Out: -1230.633+/-0.000 χ^2/NDF: 2769894541291500056568727445399037542 40.0/15

Left In: -1758.888+/-0.000 χ^2/NDF:4568864166789374582295148050461491 2.0/2

1442.764+/-0.000 χ^2/NDF: 4087841079372066

92.334+/-0.000 χ^2/NDF: 4556251567105

-1376.734+/-0.000 χ^2/NDF: 328513242046566

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Left Out: 974.056+/-0.000 χ^2/NDF:1595912754105335226715275409364510 3104.0/4

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819 6480.0/15

Left In: -1219.514+/-0.000 χ^2/NDF:4325839922214845015970174629559926784.0/2

1004.874+/-0.000 χ^2/NDF: 5697182406681956

33.853+/-0.000 χ^2/NDF: 2117272888629

-1022.475+/-0.000 χ^2/NDF: 857956032648845

dit_sam5_coil7_mean vs Slug, Sign Corrected

Right In: -1314.782+/-0.000 χ^2/NDF: 966082368518203481544021644405645508608.0/14

Left Out: -1224.227+/-0.000 χ^2/NDF:943754146919930613326102645485810483 2.0/4

Right Out: 1056.765+/-0.000 χ^2/NDF: 112714159418741702194983247735328604 1600.0/15

Left In: 914.357+/-0.000 χ^2/NDF:496297766245619758359751068469826682 88.0/2

-1282.821+/-0.000 χ^2/NDF: 977398242285859

-181.115+/-0.000 χ^2/NDF: 46996584061

1017.379+/-0.000 χ^2/NDF: 118051253311994

dit_sam5_coil7_err_mean vs Slug, Sign Corrected

Right In: 270.538+/-0.000 χ^2/NDF: 2473839905347950323907848405170257920.0/14

Left Out: 255.351+/-0.000 χ^2/NDF:9369821364078049256926177187992698 88.0/4

Right Out: -233.421+/-0.000 χ^2/NDF: 3048529087317888615064010247743995904.0/15

Left In: -290.621+/-0.000 χ^2/NDF:1005200651316778054488646381039779 84.0/2

265.178+/-0.000 χ^2/NDF: 3463656244883164 5

18.791+/-0.000 χ^2/NDF: 1343423386556

-249.241+/-0.000 χ^2/NDF: 3752621511091939

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Left Out: 974.056+/-0.000 χ^2/NDF:1595912754105335226715275409364510 3104.0/4

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819 6480.0/15

Left In: -1219.514+/-0.000 χ^2/NDF:4325839922214845015970174629559926784.0/2

1004.874+/-0.000 χ^2/NDF: 5697182406681956

33.853+/-0.000 χ^2/NDF: 2117272888629

-1022.475+/-0.000 χ^2/NDF: 857956032648845

dit_sam6_coil7_mean vs Slug, Sign Corrected

Right In: 6163.445+/-0.000 χ^2/NDF: 1820062254902677050474630013900985414451 2.0/14

Left Out: 223.065+/-0.000 χ^2/NDF:1335032465955022634131868106453994700 8.0/4

Right Out: -5983.876+/-0.000 χ^2/NDF: 1750520191327627355916108876415584174080 0.0/15

Left In: -784.890+/-0.000 χ^2/NDF:1735609419958332666857197776946384076 8.0/2

4066.840+/-0.000 χ^2/NDF: 2629702582798114

-58.364+/-0.000 χ^2/NDF: 8444204716697

-4545.979+/-0.000 χ^2/NDF: 225087887723616

dit_sam6_coil7_err_mean vs Slug, Sign Corrected

Right In: 363.133+/-0.000 χ^2/NDF: 1150279169707645642643599827799533158 4.0/14

Left Out: 414.876+/-0.000 χ^2/NDF:272288794204031318877859598908470067 2.0/4

Right Out: -299.514+/-0.000 χ^2/NDF: 768549731874422521835465282898467225 6.0/15

Left In: -489.934+/-0.000 χ^2/NDF:189174684654773249982149958849842380 8.0/2

381.395+/-0.000 χ^2/NDF: 1483893748550441 8

30.042+/-0.000 χ^2/NDF: 289622558154 7

-352.179+/-0.000 χ^2/NDF: 162662130860918 3

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Left Out: 974.056+/-0.000 χ^2/NDF:1595912754105335226715275409364510 3104.0/4

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819 6480.0/15

Left In: -1219.514+/-0.000 χ^2/NDF:4325839922214845015970174629559926784.0/2

1004.874+/-0.000 χ^2/NDF: 5697182406681956

33.853+/-0.000 χ^2/NDF: 2117272888629

-1022.475+/-0.000 χ^2/NDF: 857956032648845

dit_sam7_coil7_mean vs Slug, Sign Corrected

Right In: -4242.174+/-0.000 χ^2/NDF: 6783472272174151371145601081742110752768.0/14

Left Out: -731.925+/-0.000 χ^2/NDF:7175787759711986433064832770452226048.0/4

Right Out: 4230.978+/-0.000 χ^2/NDF: 6682409528103016752204343573740930465792.0/15

Left In: 921.889+/-0.000 χ^2/NDF:1487421923738875059904307995462336512.0/2

-3003.263+/-0.000 χ^2/NDF: 961307654565245

23.310+/-0.000 χ^2/NDF: 3749937840644

3315.775+/-0.000 χ^2/NDF: 8703900086172032

dit_sam7_coil7_err_mean vs Slug, Sign Corrected

Right In: 287.460+/-0.000 χ^2/NDF: 29517044144826155936619151581366976512.0/14

Left Out: 259.534+/-0.000 χ^2/NDF:1206669704091742354746913452009193472.0/4

Right Out: -265.593+/-0.000 χ^2/NDF: 2584326310632905927498549925906690867 2.0/15

Left In: -299.480+/-0.000 χ^2/NDF:4712472284418306635506059381099724 8.0/2

277.603+/-0.000 χ^2/NDF: 3090234873550118 2

12.945+/-0.000 χ^2/NDF: 2036853602513

-274.965+/-0.000 χ^2/NDF: 2610222602281462

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 974.056+/-0.000 χ^2/NDF:1595912754105335226715275409364510 3104.0/4

Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

Left In: -1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

1004.874+/-0.000 χ^2/NDF: 5697182406681956

33.853+/-0.000 χ^2/NDF: 2117272888629

-1022.475+/-0.000 χ^2/NDF: 857956032648845

dit_sam8_coil7_mean vs Slug, Sign Corrected

Right In: -3335.273+/-0.000 χ^2/NDF: 633808725158963752903007551715242357555 2.0/14

-2389.486+/-0.000 χ^2/NDF: 799395017597924

Left Out: -655.544+/-0.000 χ^2/NDF:110044361791527197210497032104653619 20.0/4

-96.915+/-0.000 χ^2/NDF: 270456271249 8

Right Out: 3027.603+/-0.000 χ^2/NDF: 708615708669439658309090376758132631 1424.0/15

2397.064+/-0.000 χ^2/NDF: 804525101708162 0

Left Out: 747.771+/-0.000 χ^2/NDF:265909428597173953430969400160157696.0/2

dit_sam8_coil7_err_mean vs Slug, Sign Corrected

Right In: 189.442+/-0.000 χ^2/NDF: 4707234253929700721726064108794544128.0/14

Left Out: 229.811+/-0.000 χ^2/NDF:9964666799213282968386359891706511 36.0/4

Right Out: -172.485+/-0.000 χ^2/NDF: 5594813408996728261938711470404534272.0/15

Left In: -266.874+/-0.000 χ^2/NDF:601267146159458657233326061408747 52.0/2

203.689+/-0.000 χ^2/NDF: 6076988569782892 6

11.013+/-0.000 χ^2/NDF: 9111778235115

-198.590+/-0.000 χ^2/NDF: 7298491045471022

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Left Out: 974.056+/-0.000 1004.874+/-0.000 χ^2/NDF: 5697182406681956 χ^2/NDF:1595912754105335226715275409364510 3104.0/4

Right Out: -947.145+/-0.000 33.853+/-0.000 χ^2/NDF: 2117272888629 χ^2/NDF: 6778465601193652151116966802801819 6480.0/15

Left In: -1219.514+/-0.000 -1022.475+/-0.000 χ^2/NDF: 857956032648845 χ^2/NDF:4325839922214845015970174629559926784.0/2

dit_4aX_coil4_mean vs Slug, Sign Corrected

Right In: 0.411+/-0.000 χ^2/NDF: 338557350625556317005308982040985 6.0/14

Left Out: 0.000+/-0.000 χ^2/NDF:1017479526053908263696990585487 36.0/4

Right Out: -1.008+/-0.000 χ^2/NDF: 1128402228144096394498047410700288.0/15

Left In: -0.805+/-0.000 χ^2/NDF:7092223535534392836203927830528 0.0/2

0.266+/-0.000 χ^2/NDF: 3525969342791536346

-0.317+/-0.000 χ^2/NDF: 5445397763072 2

-0.952+/-0.000 χ^2/NDF: 120694122685965409

dit_4aX_coil4_err_mean vs Slug, Sign Corrected

Right In: 4.495+/-0.000 χ^2/NDF: 274224007244109753150072879159705 6.0/14

4.937+/-0.000 χ^2/NDF: 390863943700944570 9

Left Out: 5.747+/-0.000 χ^2/NDF:807447003287322228015214436024320.0/4

0.266+/-0.000 χ^2/NDF: 52285379257672

Right Out: -4.296+/-0.000 χ^2/NDF: 2011925707062051890381007475441664.0/15

-4.815+/-0.000 χ^2/NDF: 26935482155475903 6

Left In: -6.172+/-0.000 χ^2/NDF:317999917148442394345875366215 68.0/2

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: -1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

1050.912+/-0.000 χ^2/NDF: 5212958593735020

39.752+/-0.000 χ^2/NDF: 2276721602726

-1060.242+/-0.000 χ^2/NDF: 834720468248697

dit_4eX_coil4_mean vs Slug, Sign Corrected

Right In: 3.802+/-0.000 χ^2/NDF: 3795476074398338930564700657680384.0/14

Left Out: 2.958+/-0.000 χ^2/NDF:1625111228421037219127880497233 92.0/4

Right Out: -4.206+/-0.000 χ^2/NDF: 2096427813341454573332265183477760.0/15

Left In: -4.254+/-0.000 χ^2/NDF:5882730164861603304210866110464 0.0/2

3.504+/-0.000 χ^2/NDF: 4121176806802804843

-0.195+/-0.000 χ^2/NDF: 3493130361969

-4.219+/-0.000 χ^2/NDF: 21556877337203581 8

dit_4eX_coil4_err_mean vs Slug, Sign Corrected

Right In: 4.136+/-0.000 χ^2/NDF: 3507600624388663919898505496231936.0/14

Left Out: 5.266+/-0.000 χ^2/NDF:6878483418308409989206815759400 96.0/4

Right Out: -3.948+/-0.000 χ^2/NDF: 2670176783942302028345551100051456.0/15

Left In: -5.642+/-0.000 χ^2/NDF:2465168909919843305928967533 3632.0/2

4.535+/-0.000 χ^2/NDF: 4487660730083461377

0.247+/-0.000 χ^2/NDF: 46208188669097

-4.417+/-0.000 χ^2/NDF: 322388940203165346

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: -1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

1050.912+/-0.000 χ^2/NDF: 5212958593735020

39.752+/-0.000 χ^2/NDF: 2276721602726

-1060.242+/-0.000 χ^2/NDF: 8347204682486 97

dit_11X12X_coil4_mean vs Slug, Sign Corrected

Right In: -0.360+/-0.000 χ^2/NDF: 218025634879089684934621217895219 2.0/14

-0.393+/-0.000 χ^2/NDF: 243021844824150914

Left Out: -0.452+/-0.000 χ^2/NDF:248024688977658297508951578640384.0/4

0.114+/-0.000 χ^2/NDF: 35980403614279

Right Out: 0.790+/-0.000 χ^2/NDF: 463078369073343959803422903894016.0/15

0.665+/-0.000 χ^2/NDF: 630653152815618654 2

Left In: 0.338+/-0.000 χ^2/NDF:1299910664900296236219244572835 84.0/2

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected

Right In: 6.079+/-0.000 χ^2/NDF: 15902951710227051575099004488253 44.0/14

Left Out: 6.957+/-0.000 χ^2/NDF:9299910029954756567381772861440 00.0/4

Right Out: -6.245+/-0.000 χ^2/NDF: 1816529163105006938510976985595904.0/15

Left In: -6.493+/-0.000 χ^2/NDF:1666939400842536238983131231682 56.0/2

6.389+/-0.000 χ^2/NDF: 2696668039642888632

0.305+/-0.000 χ^2/NDF: 82210223001116

-6.314+/-0.000 χ^2/NDF: 199451136737542687

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: -1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

1050.912+/-0.000 χ^2/NDF: 5212958593735020

39.752+/-0.000 χ^2/NDF: 2276721602726

-1060.242+/-0.000 χ^2/NDF: 834720468248697

dit_4aY_coil4_mean vs Slug, Sign Corrected

Right In: 192.771+/-0.000 χ^2/NDF: 1640576279746948433391816936236515328.0/14

Left Out: 147.839+/-0.000 χ^2/NDF:185436866881630688063700469834317824.0/4

Right Out: -188.612+/-0.000 χ^2/NDF: 192234225728767456334420473001961062 4.0/15

Left In: -174.802+/-0.000 χ^2/NDF:30317309200420064235050356717912064.0/2

176.912+/-0.000 χ^2/NDF: 2288465681195995 6

3.670+/-0.000 χ^2/NDF: 6712698239000 1

-184.792+/-0.000 χ^2/NDF: 1987839728328027

dit_4aY_coil4_err_mean vs Slug, Sign Corrected

Right In: 1.677+/-0.000 χ^2/NDF: 2418799240447885932927915592253 44.0/14

Left Out: 1.103+/-0.000 χ^2/NDF:7719393174688433923832932204544.0/4

Right Out: -1.555+/-0.000 χ^2/NDF: 2556459514338902968276771951083 52.0/15

Left In: -1.322+/-0.000 χ^2/NDF:8996455865119985815829828599808.0/2

1.475+/-0.000 χ^2/NDF: 3252501974692408394

0.054+/-0.000 χ^2/NDF: 48236339518004

-1.491+/-0.000 χ^2/NDF: 27465719583209419 8

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: -1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

1050.912+/-0.000 χ^2/NDF: 5212958593735020

39.752+/-0.000 χ^2/NDF: 2276721602726

-1060.242+/-0.000 χ^2/NDF: 834720468248697

dit_4eY_coil4_mean vs Slug, Sign Corrected

Right In: 195.940+/-0.000 χ^2/NDF: 1057891079869089572370479093183938560.0/14

Left Out: 154.758+/-0.000 χ^2/NDF:244236149329686591474132177465114624.0/4

Right Out: -190.268+/-0.000 χ^2/NDF: 1468473073667973330267084234323656704.0/15

Left In: -184.460+/-0.000 χ^2/NDF:364068699485999306885930573533302016.0/2

181.405+/-0.000 χ^2/NDF: 16906122808771761

4.158+/-0.000 χ^2/NDF: 68991919285255

-188.661+/-0.000 χ^2/NDF: 1511102406696754

dit_4eY_coil4_err_mean vs Slug, Sign Corrected

Right In: 1.569+/-0.000 χ^2/NDF: 1628491956681233807896105409576 96.0/14

Left Out: 1.191+/-0.000 χ^2/NDF:1240369740867661463624101763481 6.0/4

Right Out: -1.446+/-0.000 χ^2/NDF: 1962966539175233524432710527877 12.0/15

Left In: -1.417+/-0.000 χ^2/NDF:6395662009893452105327765880832.0/2

1.436+/-0.000 χ^2/NDF: 2079841009247006743

0.059+/-0.000 χ^2/NDF: 43783684683146

-1.438+/-0.000 χ^2/NDF: 202850341313623074

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: -1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

1050.912+/-0.000 χ^2/NDF: 5212958593735020

39.752+/-0.000 χ^2/NDF: 2276721602726

-1060.242+/-0.000 χ^2/NDF: 8347204682486 97

dit_usl_coil4_mean vs Slug, Sign Corrected

Right In: 4256.386+/-0.000 χ^2/NDF: 4986054125516248596724549541595761868 80.0/14

Left Out: 4933.894+/-0.000 χ^2/NDF:5647698973925538879864750272941003898 88.0/3

Right Out: -4667.832+/-0.000 χ^2/NDF: 3201925535782807450320951772159309512704.0/15

Left In: -5939.948+/-0.000 χ^2/NDF:4298778069164697745142077276275888619 52.0/2

4464.126+/-0.000 χ^2/NDF: 1154719079095307

-242.039+/-0.000 χ^2/NDF: 46860873760

-5019.664+/-0.000 χ^2/NDF: 393033411385509

dit_usl_coil4_err_mean vs Slug, Sign Corrected

Right In: 325.732+/-0.000 χ^2/NDF: 1463335956794024412389724276985430016 0.0/14

Left Out: 469.127+/-0.000 χ^2/NDF:4502288068743623637977843174897352704.0/3

Right Out: -366.682+/-0.000 χ^2/NDF: 3209725069994795640911744011539893452 8.0/15

Left In: -531.794+/-0.000 χ^2/NDF:1153478679390820503376279511647649792.0/2

369.700+/-0.000 χ^2/NDF: 2322746921823958

-18.377+/-0.000 χ^2/NDF: 3455788918849

-412.348+/-0.000 χ^2/NDF: 3827984172154716

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 940.725+/-0.000 χ^2/NDF:5620265612187715230829894606279147520.0/3

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

Left In: -1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

1056.052+/-0.000 χ^2/NDF: 5175938036167348

5.878+/-0.000 χ^2/NDF: 22154700241979

-1060.242+/-0.000 χ^2/NDF: 834720468248697

dit_usr_coil4_mean vs Slug, Sign Corrected

Right In: 4070.444+/-0.000 χ^2/NDF: 3432818752826957399563831562952475934 72.0/14

Left Out: 4090.602+/-0.000 χ^2/NDF:2652649745232849118864070786983793786 88.0/4

Right Out: -3968.723+/-0.000 χ^2/NDF: 3599558803261947844673533694925948846 08.0/15

Left In: -4785.489+/-0.000 χ^2/NDF:1091931740569315006980194400442819543 04.0/2

4077.558+/-0.000 χ^2/NDF: 6086399345833369

115.508+/-0.000 χ^2/NDF: 340739548844

-4194.618+/-0.000 χ^2/NDF: 592212981253761

dit_usr_coil4_err_mean vs Slug, Sign Corrected

Right In: 477.186+/-0.000 χ^2/NDF: 204557199317583799788926051849747824 64.0/14

Left Out: 484.340+/-0.000 479.711+/-0.000 χ^2/NDF: 2643222037456585 6 χ^2/NDF:596477732115245701860979654066071142 4.0/4

Right Out: -463.513+/-0.000 22.707+/-0.000 χ^2/NDF: 4774311317873 χ^2/NDF: 125567779310699033700318323881845719 04.0/15

Left In: -503.048+/-0.000 -474.447+/-0.000 χ^2/NDF: 1363589618892559 χ^2/NDF:790774209413394400607287288111562752.0/2

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: -1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

1050.912+/-0.000 χ^2/NDF: 5212958593735020

39.752+/-0.000 χ^2/NDF: 2276721602726

-1060.242+/-0.000 χ^2/NDF: 834720468248697

dit_atl1_coil4_mean vs Slug, Sign Corrected

Right In: -3896.522+/-0.000 χ^2/NDF: 396185985164810204482484406700129847869 44.0/14

Left Out: 650.768+/-0.000 χ^2/NDF:318000845532174319492149367551169658880.0/4

Right Out: 2695.992+/-0.000 χ^2/NDF: 408224630714623521242120583865917295820 80.0/15

Left In: -919.070+/-0.000 χ^2/NDF:261816880347700428415294404360457420800.0/2

-2291.596+/-0.000 χ^2/NDF: 446730435980125

-381.614+/-0.000 χ^2/NDF: 95807554380

1696.165+/-0.000 χ^2/NDF: 434951094274820 5

dit_atl1_coil4_err_mean vs Slug, Sign Corrected

Right In: 574.055+/-0.000 χ^2/NDF: 1521052298891604230184937095823905259 52.0/14

Left Out: 477.809+/-0.000 χ^2/NDF:5369830409550015185078794885617680384.0/4

Right Out: -1163.697+/-0.000 χ^2/NDF: 2003194396475465337190154787515183136768.0/15

Left In: -522.544+/-0.000 χ^2/NDF:1792268162519535498741258273387708416.0/2

540.086+/-0.000 χ^2/NDF: 1595969148197851 1

-191.028+/-0.000 χ^2/NDF: 3359778583 93

-986.371+/-0.000 χ^2/NDF: 2080819561619786

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: -1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

1050.912+/-0.000 χ^2/NDF: 5212958593735020

39.752+/-0.000 χ^2/NDF: 2276721602726

-1060.242+/-0.000 χ^2/NDF: 8347204682486 97

dit_atl2_coil4_mean vs Slug, Sign Corrected

Right In: 24608.761+/-0.000 χ^2/NDF: 1755560042714070178763675908416726892544 0.0/14

Left Out: 24341.418+/-0.000 χ^2/NDF:5505680702852993612375462395851197068083 2.0/4

Right Out: -23673.937+/-0.000 χ^2/NDF: 2482422934482756731362487167729534186291 2.0/15

Left In: -36266.072+/-0.000 χ^2/NDF:4600009610487101673904058810430033756160.0/2

24514.404+/-0.000 χ^2/NDF: 72628778773530 3

-233.983+/-0.000 χ^2/NDF: 1413913332 02

-27156.577+/-0.000 χ^2/NDF: 5867477580683 8

dit_atl2_coil4_err_mean vs Slug, Sign Corrected

Right In: 1471.095+/-0.000 χ^2/NDF: 139174979420467841073894167956452016128.0/14

Left Out: 1865.991+/-0.000 χ^2/NDF:1688569851750700830955103001863132282 88.0/4

Right Out: -1508.451+/-0.000 χ^2/NDF: 250085163770425050605763446985715613696.0/15

Left In: -2324.525+/-0.000 χ^2/NDF:329179301735790156878413516548121559 04.0/2

1610.470+/-0.000 χ^2/NDF: 3437520695266087

8.525+/-0.000 χ^2/NDF: 61235870535926

-1734.154+/-0.000 χ^2/NDF: 405858613315961

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: -1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

1050.912+/-0.000 χ^2/NDF: 5212958593735020

39.752+/-0.000 χ^2/NDF: 2276721602726

-1060.242+/-0.000 χ^2/NDF: 834720468248697

dit_atr1_coil4_mean vs Slug, Sign Corrected

Right In: -1374.510+/-0.000 χ^2/NDF: 3072775774026573120755024580495322120192.0/14

-884.075+/-0.000 χ^2/NDF: 3638919212578202

Left Out: 15.056+/-0.000 χ^2/NDF:1238552971329740777411304879616132382 72.0/4

-19.389+/-0.000 χ^2/NDF: 1667293253446

Right Out: 1227.879+/-0.000 χ^2/NDF: 111153129999266233964664502184486224527 36.0/15

921.263+/-0.000 χ^2/NDF: 1146827970798769 8

Left In: 119.249+/-0.000 χ^2/NDF:1262371329551366769756782963149934428 16.0/2

dit_atr1_coil4_err_mean vs Slug, Sign Corrected

Right In: 507.809+/-0.000 χ^2/NDF: 641399279684440545968596134682207191 04.0/14

Left Out: 495.353+/-0.000 χ^2/NDF:503400201343726902409651407096171 7248.0/4

Right Out: -577.250+/-0.000 χ^2/NDF: 241288780642623391683958641535574081536.0/15

Left In: -531.794+/-0.000 χ^2/NDF:532755892311196746098491442927239168.0/2

503.413+/-0.000 χ^2/NDF: 692094716432847 32

-8.161+/-0.000 χ^2/NDF: 8594591837770 5

-564.678+/-0.000 χ^2/NDF: 2422027072561208

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: -1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

1050.912+/-0.000 χ^2/NDF: 5212958593735020

39.752+/-0.000 χ^2/NDF: 2276721602726

-1060.242+/-0.000 χ^2/NDF: 834720468248697

dit_atr2_coil4_mean vs Slug, Sign Corrected

Right In: 30277.649+/-0.000 χ^2/NDF: 309759746415241424530900225407605192785 92.0/14

Left Out: 25906.582+/-0.000 χ^2/NDF:8215157223160401760205357272886386098176.0/4

Right Out: -28896.318+/-0.000 χ^2/NDF: 469695040580103591462505602284097141473 28.0/15

Left In: -30483.917+/-0.000 χ^2/NDF:2188945120645167538704942243176473690112.0/2

28734.919+/-0.000 χ^2/NDF: 435675817239531

921.497+/-0.000 χ^2/NDF: 171317085391

-29335.405+/-0.000 χ^2/NDF: 49623410220700

dit_atr2_coil4_err_mean vs Slug, Sign Corrected

Right In: 1909.434+/-0.000 χ^2/NDF: 876369740942116715241776501658694451 20.0/14

Left Out: 1935.270+/-0.000 χ^2/NDF:1138687507732051632568757884044076646 40.0/4

Right Out: -2473.977+/-0.000 χ^2/NDF: 3033908025746418121738753286600386412544.0/15

Left In: -2026.815+/-0.000 χ^2/NDF:1966545713544957016001599779849109504 0.0/2

1918.553+/-0.000 χ^2/NDF: 2016586206902493

-126.064+/-0.000 χ^2/NDF: 12046476855

-2350.304+/-0.000 χ^2/NDF: 309045978003609

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: -1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

1050.912+/-0.000 χ^2/NDF: 5212958593735020

39.752+/-0.000 χ^2/NDF: 2276721602726

-1060.242+/-0.000 χ^2/NDF: 8347204682486 97

dit_sam1_coil4_mean vs Slug, Sign Corrected

Right In: -13233.367+/-0.000 χ^2/NDF: 4125704383621304336759686655949964050432 0.0/14

Left Out: -6395.613+/-0.000 χ^2/NDF:3186007937573778250210875591808966983680.0/4

Right Out: 14060.103+/-0.000 χ^2/NDF: 4449059475428016176640555691571138684518 4.0/15

Left In: 7515.300+/-0.000 χ^2/NDF:995165669113660194985593843470628290 56.0/2

-10820.042+/-0.000 χ^2/NDF: 5228526039327 1

229.604+/-0.000 χ^2/NDF: 360457645581

12249.990+/-0.000 χ^2/NDF: 5249195327461 83

dit_sam1_coil4_err_mean vs Slug, Sign Corrected

Right In: 136.711+/-0.000 χ^2/NDF: 2687065030885227126291764267456659456.0/14

Left Out: 69.691+/-0.000 χ^2/NDF:5143278093812044752222514900788838 4.0/4

Right Out: -138.179+/-0.000 χ^2/NDF: 3230883352878636334641613561898467328.0/15

Left In: -92.871+/-0.000 χ^2/NDF:5944677705526050740305887861565030 4.0/2

113.057+/-0.000 χ^2/NDF: 3767349067296525 5

-1.274+/-0.000 χ^2/NDF: 3480947814211 0

-125.648+/-0.000 χ^2/NDF: 3669016647323446

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: -1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

1050.912+/-0.000 χ^2/NDF: 5212958593735020

39.752+/-0.000 χ^2/NDF: 2276721602726

-1060.242+/-0.000 χ^2/NDF: 8347204682486 97

dit_sam2_coil4_mean vs Slug, Sign Corrected

Right In: -50695.424+/-0.000 χ^2/NDF: 226613585253908576683077761132188355526656.0/14

Left Out: -30604.043+/-0.000 χ^2/NDF:118421334561658034475543374252858482360 32.0/4

Right Out: 51783.912+/-0.000 χ^2/NDF: 281789617729131996271154198472617478848512.0/15

Left In: 36333.615+/-0.000 χ^2/NDF:915103839794556259754935447715756113920.0/2

-43604.348+/-0.000 χ^2/NDF: 33091843419245

36.249+/-0.000 χ^2/NDF: 4645906956216

47510.782+/-0.000 χ^2/NDF: 32674081109870 5

dit_sam2_coil4_err_mean vs Slug, Sign Corrected

Right In: 1154.331+/-0.000 χ^2/NDF: 2492704725634707032327379103946637312 00.0/14

Left Out: 977.567+/-0.000 χ^2/NDF:2866812788955551850243671678368769638 4.0/4

Right Out: -1121.934+/-0.000 χ^2/NDF: 2261593356395673381798116440027976171 52.0/15

Left In: -1026.921+/-0.000 χ^2/NDF:1743471741926551701030867976442609664.0/2

1091.944+/-0.000 χ^2/NDF: 285095631476465 1

44.168+/-0.000 χ^2/NDF: 281365269693 6

-1095.656+/-0.000 χ^2/NDF: 229568136915529

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: -1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

1050.912+/-0.000 χ^2/NDF: 5212958593735020

39.752+/-0.000 χ^2/NDF: 2276721602726

-1060.242+/-0.000 χ^2/NDF: 8347204682486 97

dit_sam3_coil4_mean vs Slug, Sign Corrected

Right In: 3117.914+/-0.000 χ^2/NDF: 1552738593335565674554918493159210090496.0/14

Left Out: 3300.835+/-0.000 χ^2/NDF:1244390889148482408389728911975094681 60.0/4

Right Out: -2668.794+/-0.000 χ^2/NDF: 1136406286131098596000054422131257114624.0/15

Left In: -3915.131+/-0.000 χ^2/NDF:1960399147012175232666071995368918220 8.0/2

3182.474+/-0.000 χ^2/NDF: 1684842063271436

214.845+/-0.000 χ^2/NDF: 215699116994

-3013.497+/-0.000 χ^2/NDF: 144256407058628

dit_sam3_coil4_err_mean vs Slug, Sign Corrected

Right In: 552.108+/-0.000 χ^2/NDF: 5073904174115911984852398823600186982 4.0/14

Left Out: 722.148+/-0.000 χ^2/NDF:2643227574561067376703094020430312243 2.0/4

Right Out: -506.345+/-0.000 χ^2/NDF: 3718165329731488350165913180601057280 0.0/15

Left In: -723.212+/-0.000 χ^2/NDF:1568761745240607336455709546759847936.0/2

612.122+/-0.000 χ^2/NDF: 8379422399471817 9

47.692+/-0.000 χ^2/NDF: 7983671385951

-566.325+/-0.000 χ^2/NDF: 4742644547839405

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: -1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

1050.912+/-0.000 χ^2/NDF: 5212958593735020

39.752+/-0.000 χ^2/NDF: 2276721602726

-1060.242+/-0.000 χ^2/NDF: 8347204682486 97

dit_sam4_coil4_mean vs Slug, Sign Corrected

Right In: 43039.927+/-0.000 χ^2/NDF: 4839705292256172265266678640755217950310 4.0/14

Left Out: 38737.652+/-0.000 χ^2/NDF:2294887531955096747494230716591849131212 8.0/4

Right Out: -39269.627+/-0.000 χ^2/NDF: 5187303651775766623754571660505158516736 0.0/15

Left In: -45322.621+/-0.000 χ^2/NDF:2045646089524790626379327531005532700672.0/2

41521.477+/-0.000 χ^2/NDF: 75585708924988 1

2023.861+/-0.000 χ^2/NDF: 3403213504 3

-40943.719+/-0.000 χ^2/NDF: 6067757621292 7

dit_sam4_coil4_err_mean vs Slug, Sign Corrected

Right In: 813.500+/-0.000 χ^2/NDF: 671209168165482376389487875183513436 16.0/14

Left Out: 1300.408+/-0.000 χ^2/NDF:6063529328214556966795673429644148736 0.0/4

Right Out: -741.911+/-0.000 χ^2/NDF: 4407413439721540923560474643267164569 6.0/15

Left In: -1326.578+/-0.000 χ^2/NDF:4377413943425353146203567931107835904.0/2

985.350+/-0.000 χ^2/NDF: 1820613644926171 4

80.610+/-0.000 χ^2/NDF: 2007721261496

-903.614+/-0.000 χ^2/NDF: 1115112024170285

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: -1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

1050.912+/-0.000 χ^2/NDF: 5212958593735020

39.752+/-0.000 χ^2/NDF: 2276721602726

-1060.242+/-0.000 χ^2/NDF: 8347204682486 97

dit_sam5_coil4_mean vs Slug, Sign Corrected

Right In: 23411.506+/-0.000 χ^2/NDF: 284274574717803193528857465713157084282 88.0/14

Left Out: 24505.010+/-0.000 23797.449+/-0.000 χ^2/NDF: 34975406575815 5 χ^2/NDF:627405188182814743700737682529216941 2608.0/4

Right Out: -20894.122+/-0.000 1323.464+/-0.000 χ^2/NDF: 1132857596 2 χ^2/NDF: 2740896580457864910700290940998721837 4656.0/15

Left In: -28959.979+/-0.000 -23124.918+/-0.000 χ^2/NDF: 40186001558812 χ^2/NDF:775518303615976997452929979010179399680.0/2

dit_sam5_coil4_err_mean vs Slug, Sign Corrected

Right In: 198.056+/-0.000 χ^2/NDF: 2482928792293864415922382990034862080.0/14

Left Out: 209.844+/-0.000 χ^2/NDF:5704755077966973224916673926508052 48.0/4

Right Out: -170.851+/-0.000 χ^2/NDF: 1418314816915016425155520631536615424.0/15

Left In: -225.658+/-0.000 χ^2/NDF:2122839457561464865491832717443072 00.0/2

202.216+/-0.000 χ^2/NDF: 3085234097286908 6

16.271+/-0.000 χ^2/NDF: 7767504745757

-186.009+/-0.000 χ^2/NDF: 2184705249710874

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: -1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

1050.912+/-0.000 χ^2/NDF: 5212958593735020

39.752+/-0.000 χ^2/NDF: 2276721602726

-1060.242+/-0.000 χ^2/NDF: 8347204682486 97

dit_sam6_coil4_mean vs Slug, Sign Corrected

Right In: 15125.834+/-0.000 χ^2/NDF: 16615438767664069151744668380763246297088.0/14

Left Out: 18913.131+/-0.000 χ^2/NDF:36274883313633408304339772283534715125 76.0/4

Right Out: -13482.244+/-0.000 χ^2/NDF: 15910426475407825250252248749810022088704.0/15

Left In: -22465.191+/-0.000 χ^2/NDF:11795377496728017857306799638635536711 68.0/2

16462.527+/-0.000 χ^2/NDF: 235284603382783

930.200+/-0.000 χ^2/NDF: 560716442443

-15966.682+/-0.000 χ^2/NDF: 31975783919562

dit_sam6_coil4_err_mean vs Slug, Sign Corrected

Right In: 232.312+/-0.000 χ^2/NDF: 5478184144885833956204804001180418048.0/14

Left Out: 327.010+/-0.000 χ^2/NDF:1175636884138400895924510569755836416.0/4

Right Out: -204.637+/-0.000 χ^2/NDF: 4555067046835230017930882867882098688.0/15

Left In: -360.811+/-0.000 χ^2/NDF:6555087613628881660528388390539755552.0/2

265.735+/-0.000 χ^2/NDF: 8707929827044465

19.757+/-0.000 χ^2/NDF: 1451224538324

-247.830+/-0.000 χ^2/NDF: 9709933892411559

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: -1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

1050.912+/-0.000 χ^2/NDF: 5212958593735020

39.752+/-0.000 χ^2/NDF: 2276721602726

-1060.242+/-0.000 χ^2/NDF: 8347204682486 97

dit_sam7_coil4_mean vs Slug, Sign Corrected

Right In: -1264.303+/-0.000 χ^2/NDF: 1402152515385026575491739945439319818 24.0/14

Left Out: -1042.359+/-0.000 χ^2/NDF:2116682509814815881127826367763709952 0.0/4

Right Out: 1198.483+/-0.000 χ^2/NDF: 1311647638980167935154922176961671331 84.0/15

Left In: 1410.066+/-0.000 χ^2/NDF:8151269391163693931246612913953177 60.0/2

-1185.969+/-0.000 χ^2/NDF: 172665318258865

-15.882+/-0.000 χ^2/NDF: 317996937083

1257.001+/-0.000 χ^2/NDF: 140238294720953

dit_sam7_coil4_err_mean vs Slug, Sign Corrected

Right In: 171.323+/-0.000 χ^2/NDF: 6120975075187305509795143064993398784.0/14

Left Out: 207.755+/-0.000 χ^2/NDF:1471248034594716155650272018481283072.0/4

Right Out: -155.993+/-0.000 χ^2/NDF: 5680659281504595852021524727244783616.0/15

Left In: -226.264+/-0.000 χ^2/NDF:10290268339227207427305064778799513 6.0/2

184.181+/-0.000 χ^2/NDF: 7896262001902864

11.942+/-0.000 χ^2/NDF: 7671528754078

-175.428+/-0.000 χ^2/NDF: 6694476833033609

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: -1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

1050.912+/-0.000 χ^2/NDF: 5212958593735020

39.752+/-0.000 χ^2/NDF: 2276721602726

-1060.242+/-0.000 χ^2/NDF: 8347204682486 97

dit_sam8_coil4_mean vs Slug, Sign Corrected

Right In: 907.442+/-0.000 χ^2/NDF: 2107238007691848638499662178406566461440.0/14

Left Out: 1014.885+/-0.000 χ^2/NDF:724583956892229711672407012012730613 76.0/4

Right Out: -500.689+/-0.000 χ^2/NDF: 207423291874995317443680342637907489 5872.0/15

Left In: -1545.114+/-0.000 χ^2/NDF:966376075619372614914917446506984 2432.0/2

945.363+/-0.000 χ^2/NDF: 2182340659326262 6

114.408+/-0.000 χ^2/NDF: 591342313071

-789.548+/-0.000 χ^2/NDF: 2285125229813019

dit_sam8_coil4_err_mean vs Slug, Sign Corrected

Right In: 116.159+/-0.000 χ^2/NDF: 1198526427485199785396504127288115200.0/14

Left Out: 178.875+/-0.000 χ^2/NDF:1090445330437393402519325954428370944.0/4

Right Out: -104.501+/-0.000 χ^2/NDF: 1285986383644058507445602420764180480.0/15

Left In: -202.139+/-0.000 χ^2/NDF:2410340242344402557492011939450060 8.0/2

138.294+/-0.000 χ^2/NDF: 3189909885935800

9.071+/-0.000 χ^2/NDF: 4122738957354

-131.505+/-0.000 χ^2/NDF: 3068713927609949

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: -1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

1050.912+/-0.000 χ^2/NDF: 5212958593735020

39.752+/-0.000 χ^2/NDF: 2276721602726

-1060.242+/-0.000 χ^2/NDF: 834720468248697

dit_4aX_coil6_mean vs Slug, Sign Corrected

Right In: 2.123+/-0.000 χ^2/NDF: 526370592282107597102201384940339 2.0/14

Left Out: 2.521+/-0.000 χ^2/NDF:2145229577617754483573055480135 68.0/4

Right Out: -2.142+/-0.000 χ^2/NDF: 247294994099367246616169225702604 8.0/15

Left In: -2.613+/-0.000 χ^2/NDF:107784298839648456637860640980992.0/2

2.263+/-0.000 χ^2/NDF: 551457905768284945 4

0.091+/-0.000 χ^2/NDF: 18018076676852

-2.272+/-0.000 χ^2/NDF: 262163411769984849

dit_4aX_coil6_err_mean vs Slug, Sign Corrected

Right In: 4.495+/-0.000 χ^2/NDF: 2527024221981606153232919863440179 2.0/14

Left Out: 1.810+/-0.000 χ^2/NDF:2942770288484018961572065338982 4.0/4

Right Out: -3.852+/-0.000 χ^2/NDF: 1231497147655680655051884763860172 8.0/15

Left In: -2.389+/-0.000 χ^2/NDF:1886326733465507460686649753 60.0/2

3.547+/-0.000 χ^2/NDF: 2695173904871112099

0.197+/-0.000 χ^2/NDF: 63166781382084

-3.448+/-0.000 χ^2/NDF: 127103589603673099

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377423052 8.0/4

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

989.860+/-0.000 χ^2/NDF: 4927895034144605 2

29.168+/-0.000 χ^2/NDF: 2069763574779

-1015.924+/-0.000 χ^2/NDF: 877614207793087

dit_4eX_coil6_mean vs Slug, Sign Corrected

Right In: 1.480+/-0.000 χ^2/NDF: 579967069590278445905576798768332 8.0/14

1.607+/-0.000 χ^2/NDF: 604177575911917176 0

Left Out: 1.839+/-0.000 χ^2/NDF:212657372986078347091138505080832.0/4

0.089+/-0.000 χ^2/NDF: 15102415630161

Right Out: -1.480+/-0.000 χ^2/NDF: 409264580061376557266298782036787 2.0/15

-1.562+/-0.000 χ^2/NDF: 42378094113308576 1

Left In: -1.776+/-0.000 χ^2/NDF:129047226341362654382466105606144.0/2

dit_4eX_coil6_err_mean vs Slug, Sign Corrected

Right In: 4.424+/-0.000 χ^2/NDF: 282574592728762106088398304732774 40.0/14

Left Out: 1.665+/-0.000 χ^2/NDF:2581031529659227962645749432320 0.0/4

Right Out: -3.727+/-0.000 χ^2/NDF: 13991816814749842519794284853460992.0/15

Left In: -2.188+/-0.000 χ^2/NDF:74556015808005089273799770112.0/2

3.451+/-0.000 χ^2/NDF: 300273569273710559 1

0.217+/-0.000 χ^2/NDF: 66357500651298

-3.301+/-0.000 χ^2/NDF: 144287274526665759

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377423052 8.0/4

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

989.860+/-0.000 χ^2/NDF: 4927895034144605 2

29.168+/-0.000 χ^2/NDF: 2069763574779

-1015.924+/-0.000 χ^2/NDF: 877614207793087

dit_11X12X_coil6_mean vs Slug, Sign Corrected

Right In: 4.785+/-0.000 χ^2/NDF: 399655607315477971180815947032166 4.0/14

Left Out: 5.843+/-0.000 χ^2/NDF:601635066586915948497733865701376.0/4

Right Out: -4.598+/-0.000 χ^2/NDF: 989607156792948633247632779640832.0/15

Left In: -6.194+/-0.000 χ^2/NDF:221204757307179606101012133183488.0/2

5.159+/-0.000 χ^2/NDF: 485473278582393517 9

0.274+/-0.000 χ^2/NDF: 5649830322584 6

-5.040+/-0.000 χ^2/NDF: 1680480923765180 67

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected

Right In: 5.366+/-0.000 χ^2/NDF: 1878072472206349709615300930122547 2.0/14

Left Out: 2.204+/-0.000 χ^2/NDF:1547202706488459663468116783923 20.0/4

Right Out: -5.192+/-0.000 χ^2/NDF: 1574957375494534575443243695289 1392.0/15

Left In: -2.064+/-0.000 χ^2/NDF:969695130292156616345683545292 8.0/2

4.250+/-0.000 χ^2/NDF: 212260026468247903 4

0.142+/-0.000 χ^2/NDF: 74131318572693

-4.327+/-0.000 χ^2/NDF: 175641118413240882

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

989.860+/-0.000 χ^2/NDF: 4927895034144605 2

Left Out: 947.169+/-0.000 χ^2/NDF:16560597897799017184411317963774230528.0/4

29.168+/-0.000 χ^2/NDF: 2069763574779

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15

-1015.924+/-0.000 χ^2/NDF: 877614207793087

Left In: -1129.600+/-0.000 χ^2/NDF:43220280150987849476150189318838 68160.0/2

dit_4aY_coil6_mean vs Slug, Sign Corrected

Right In: 22.385+/-0.000 χ^2/NDF: 192226086002359263779409418332300902 4.0/14

Left Out: 37.477+/-0.000 χ^2/NDF:152077620465670669169821900257361 92.0/4

Right Out: -18.907+/-0.000 χ^2/NDF: 218222180840815629359399399275783 7824.0/15

Left In: -43.547+/-0.000 χ^2/NDF:323525886393998685550984298496000 0.0/2

27.711+/-0.000 χ^2/NDF: 1989646824202676 95

2.119+/-0.000 χ^2/NDF: 5658693801123 9

-25.722+/-0.000 χ^2/NDF: 2297454955217486 8

dit_4aY_coil6_err_mean vs Slug, Sign Corrected

Right In: 1.384+/-0.000 χ^2/NDF: 157115932410206412048794093669580 8.0/14

Left Out: 0.395+/-0.000 χ^2/NDF:3036949842564400662242387820544.0/4

Right Out: -1.142+/-0.000 χ^2/NDF: 8106807382854489552230662128271 36.0/15

Left In: -0.443+/-0.000 χ^2/NDF:1101726731394448507995642920 96.0/2

1.035+/-0.000 χ^2/NDF: 1798083686101352031

0.085+/-0.000 χ^2/NDF: 4589029974123 1

-0.948+/-0.000 χ^2/NDF: 9009281168840071 31

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377423052 8.0/4

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

989.860+/-0.000 χ^2/NDF: 4927895034144605 2

29.168+/-0.000 χ^2/NDF: 2069763574779

-1015.924+/-0.000 χ^2/NDF: 877614207793087

dit_4eY_coil6_mean vs Slug, Sign Corrected

Right In: -19.175+/-0.000 χ^2/NDF: 1246364705689764961102868160463241216.0/14

Left Out: -12.829+/-0.000 χ^2/NDF:858580220479201937077701249387724 8.0/4

Right Out: 18.479+/-0.000 χ^2/NDF: 1489398115046175180640331393369374720.0/15

Left In: 15.527+/-0.000 χ^2/NDF:29553607941064670896725739490508 8.0/2

-16.935+/-0.000 χ^2/NDF: 12641769280543629

-0.364+/-0.000 χ^2/NDF: 3330515003650 3

17.662+/-0.000 χ^2/NDF: 1491301686387394 12

dit_4eY_coil6_err_mean vs Slug, Sign Corrected

Right In: 1.274+/-0.000 χ^2/NDF: 1212041476631073599154045304438784.0/14

Left Out: 0.407+/-0.000 χ^2/NDF:3153743342479364171096077107200.0/4

Right Out: -1.052+/-0.000 χ^2/NDF: 607316121057753919194559126962176.0/15

Left In: -0.460+/-0.000 χ^2/NDF:2872005031707400581720676761 6.0/2

0.968+/-0.000 χ^2/NDF: 138752951582928531 3

0.079+/-0.000 χ^2/NDF: 37142513968752

-0.888+/-0.000 χ^2/NDF: 672026231925801032

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377423052 8.0/4

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

989.860+/-0.000 χ^2/NDF: 4927895034144605 2

29.168+/-0.000 χ^2/NDF: 2069763574779

-1015.924+/-0.000 χ^2/NDF: 877614207793087

dit_usl_coil6_mean vs Slug, Sign Corrected

Right In: -697.283+/-0.000 χ^2/NDF: 490435790698133828475769692944364208128.0/14

Left Out: -900.972+/-0.000 χ^2/NDF:228915219357985731456281600700063751168.0/3

Right Out: 853.734+/-0.000 χ^2/NDF: 107837902012641231715593227515620176691 2.0/15

Left In: 1104.427+/-0.000 χ^2/NDF:164365566750276480856001101960189050 88.0/2

-759.739+/-0.000 χ^2/NDF: 5215836906979875

75.325+/-0.000 χ^2/NDF: 2943307736615

923.068+/-0.000 χ^2/NDF: 1106409217362249 2

dit_usl_coil6_err_mean vs Slug, Sign Corrected

Right In: 329.108+/-0.000 χ^2/NDF: 116863820700538623524207945698672377856.0/14

Left Out: 158.088+/-0.000 χ^2/NDF:447443057152228848132894883412180992.0/3

Right Out: -326.695+/-0.000 χ^2/NDF: 875691233543180206886110284151510794 24.0/15

Left In: -190.764+/-0.000 χ^2/NDF:674638194276032648759723002083409 92.0/2

276.669+/-0.000 χ^2/NDF: 1231315737127247 2

-4.084+/-0.000 χ^2/NDF: 3628522086103 7

-289.100+/-0.000 χ^2/NDF: 9104512350087192

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 887.683+/-0.000 χ^2/NDF:111946291987066354327121105324311838 72.0/3

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

974.676+/-0.000 χ^2/NDF: 4604835778135812 1

-13.124+/-0.000 χ^2/NDF: 1974281787242

-1015.924+/-0.000 χ^2/NDF: 877614207793087

dit_usr_coil6_mean vs Slug, Sign Corrected

Right In: -444.512+/-0.000 χ^2/NDF: 3964819035015937030665358512299536547 84.0/14

-480.677+/-0.000 χ^2/NDF: 4058054658525545

Left Out: -546.980+/-0.000 χ^2/NDF:69185017708920508540942998212024729 60.0/4

-24.010+/-0.000 χ^2/NDF: 138331236951 6

Right Out: 406.729+/-0.000 χ^2/NDF: 5291224218667748100129417822391291 08480.0/15

472.776+/-0.000 χ^2/NDF: 5407896053736117 9

Left In: 645.535+/-0.000 χ^2/NDF:1146981281597485807343383383472340992.0/2

dit_usr_coil6_err_mean vs Slug, Sign Corrected

Right In: 442.162+/-0.000 χ^2/NDF: 204015999343694089140945697316947361792.0/14

Left Out: 157.355+/-0.000 χ^2/NDF:370924976722585019057749826492956672.0/4

Right Out: -394.033+/-0.000 χ^2/NDF: 105882611624182009489804426207740035072.0/15

Left In: -180.775+/-0.000 χ^2/NDF:247763775618645125118528322409594 88.0/2

341.642+/-0.000 χ^2/NDF: 2229669993391729

17.532+/-0.000 χ^2/NDF: 5572454455404

-335.052+/-0.000 χ^2/NDF: 1142971301025649

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377423052 8.0/4

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

989.860+/-0.000 χ^2/NDF: 4927895034144605 2

29.168+/-0.000 χ^2/NDF: 2069763574779

-1015.924+/-0.000 χ^2/NDF: 877614207793087

dit_atl1_coil6_mean vs Slug, Sign Corrected

Right In: 1729.013+/-0.000 χ^2/NDF: 6413121297273347408075624116507964866560.0/14

Left Out: 257.472+/-0.000 χ^2/NDF:8193004684462002551540605126428327936.0/4

Right Out: -1360.914+/-0.000 χ^2/NDF: 6431605933148863413038417850186506174464.0/15

Left In: -398.680+/-0.000 χ^2/NDF:2470234444158006634507417512285569024.0/2

1209.646+/-0.000 χ^2/NDF: 6917326047384262

105.913+/-0.000 χ^2/NDF: 160733138216

-1094.786+/-0.000 χ^2/NDF: 660487946295756

dit_atl1_coil6_err_mean vs Slug, Sign Corrected

Right In: 617.343+/-0.000 χ^2/NDF: 7923660129859541983453177502687559680 00.0/14

Left Out: 154.228+/-0.000 χ^2/NDF:4871889912091328152848858841308200 96.0/4

Right Out: -1184.322+/-0.000 χ^2/NDF: 3167423043121242666563535820496559931392.0/15

Left In: -181.915+/-0.000 χ^2/NDF:1270492716896243731720450953938206 72.0/2

453.891+/-0.000 χ^2/NDF: 8419806403505744 0

-197.963+/-0.000 χ^2/NDF: 50847110825 5

-907.083+/-0.000 χ^2/NDF: 3352912928556309

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377423052 8.0/4

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

989.860+/-0.000 χ^2/NDF: 4927895034144605 2

29.168+/-0.000 χ^2/NDF: 2069763574779

-1015.924+/-0.000 χ^2/NDF: 877614207793087

dit_atl2_coil6_mean vs Slug, Sign Corrected

Right In: -4107.443+/-0.000 χ^2/NDF: 1452743632498203145427778083121181963059 2.0/14

Left Out: -4361.012+/-0.000 χ^2/NDF:1958272479312412394889627555742550589440.0/4

Right Out: 4072.120+/-0.000 χ^2/NDF: 2036717142369016809577885467876492994150 4.0/15

Left In: 6597.505+/-0.000 χ^2/NDF:1534942968797917659493535585774327562 24.0/2

-4196.938+/-0.000 χ^2/NDF: 165004366550803

98.150+/-0.000 χ^2/NDF: 7682938950410

4770.572+/-0.000 χ^2/NDF: 2169716144759295

dit_atl2_coil6_err_mean vs Slug, Sign Corrected

Right In: 1343.321+/-0.000 χ^2/NDF: 1317478352429773686550511077330771771392.0/14

Left Out: 627.911+/-0.000 χ^2/NDF:1985484706779818761702693496658119884 8.0/4

Right Out: -1291.796+/-0.000 χ^2/NDF: 1323568917008872977905960011586991030272.0/15

Left In: -769.558+/-0.000 χ^2/NDF:2708862486246207789197284037506367488.0/2

1090.823+/-0.000 χ^2/NDF: 1454567957490596

18.821+/-0.000 χ^2/NDF: 5237693762456

-1147.360+/-0.000 χ^2/NDF: 137658986008164

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377423052 8.0/4

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

989.860+/-0.000 χ^2/NDF: 4927895034144605 2

29.168+/-0.000 χ^2/NDF: 2069763574779

-1015.924+/-0.000 χ^2/NDF: 877614207793087

dit_atr1_coil6_mean vs Slug, Sign Corrected

Right In: 582.390+/-0.000 χ^2/NDF: 338796567623032040072791996460490031104.0/14

Left Out: 285.050+/-0.000 χ^2/NDF:3730236038821090521904953085174743040.0/4

Right Out: -191.587+/-0.000 χ^2/NDF: 216876212055234622341674300502071626956 8.0/15

Left In: -443.146+/-0.000 χ^2/NDF:298413442078879088155228311966554521 6.0/2

477.446+/-0.000 χ^2/NDF: 3627780802264264 8

123.682+/-0.000 χ^2/NDF: 280827525205

-261.162+/-0.000 χ^2/NDF: 2183420080309963

dit_atr1_coil6_err_mean vs Slug, Sign Corrected

Right In: 542.328+/-0.000 χ^2/NDF: 41437881200379554964903404846281706700 8.0/14

Left Out: 162.160+/-0.000 χ^2/NDF:388289893864848607634345116397731840.0/4

Right Out: -853.203+/-0.000 χ^2/NDF: 257407638144104678777244913713391704 4736.0/15

Left In: -188.260+/-0.000 χ^2/NDF:345545651444229493825283347709952 00.0/2

408.151+/-0.000 χ^2/NDF: 4478723534135317 7

-107.905+/-0.000 χ^2/NDF: 3661240416 21

-669.298+/-0.000 χ^2/NDF: 2655676103212102

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377423052 8.0/4

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

989.860+/-0.000 χ^2/NDF: 4927895034144605 2

29.168+/-0.000 χ^2/NDF: 2069763574779

-1015.924+/-0.000 χ^2/NDF: 877614207793087

dit_atr2_coil6_mean vs Slug, Sign Corrected

Right In: -4568.297+/-0.000 χ^2/NDF: 2419505214816571954071311092197775690956 8.0/14

Left Out: -4494.163+/-0.000 χ^2/NDF:39794473617129495514320950177935497625 6.0/4

Right Out: 4170.773+/-0.000 χ^2/NDF: 30967248832187912041113909559481103024128.0/15

Left In: 5290.398+/-0.000 χ^2/NDF:553241874498873305016956081957083545 60.0/2

-4542.132+/-0.000 χ^2/NDF: 245942557442148

-220.676+/-0.000 χ^2/NDF: 94955652849

4480.430+/-0.000 χ^2/NDF: 312538222615902

dit_atr2_coil6_err_mean vs Slug, Sign Corrected

Right In: 1556.763+/-0.000 χ^2/NDF: 113936423921860056719185513175693079347 2.0/14

Left Out: 648.398+/-0.000 χ^2/NDF:929700771321273148328809078648419123 2.0/4

Right Out: -2232.520+/-0.000 χ^2/NDF: 899039572553393013487859556970694233292 8.0/15

Left In: -679.710+/-0.000 χ^2/NDF:111564147938092556689503330792112128 0.0/2

1236.164+/-0.000 χ^2/NDF: 1337663846996497

-219.504+/-0.000 χ^2/NDF: 15211346574

-1803.055+/-0.000 χ^2/NDF: 943631864481223

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377423052 8.0/4

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

989.860+/-0.000 χ^2/NDF: 4927895034144605 2

29.168+/-0.000 χ^2/NDF: 2069763574779

-1015.924+/-0.000 χ^2/NDF: 877614207793087

dit_sam1_coil6_mean vs Slug, Sign Corrected

Right In: -337.865+/-0.000 χ^2/NDF: 1515251593300707989166109794076208188620 8.0/14

-962.188+/-0.000 χ^2/NDF: 1591008851696332

Left Out: -2106.780+/-0.000 χ^2/NDF:4083380805173691167764281304065402470 4.0/4

-130.704+/-0.000 χ^2/NDF: 34835458453 5

Right Out: 131.545+/-0.000 χ^2/NDF: 1647321765107887797637742441995690206822 4.0/15

773.829+/-0.000 χ^2/NDF: 1747756898192235 7

Left In: 2453.840+/-0.000 χ^2/NDF:9473368181706755096591200691882557440.0/2

dit_sam1_coil6_err_mean vs Slug, Sign Corrected

Right In: 113.134+/-0.000 χ^2/NDF: 9989638354332004017458192433874468864.0/14

Left Out: 23.572+/-0.000 χ^2/NDF:1344330369351783262161581884257075 2.0/4

Right Out: -98.833+/-0.000 χ^2/NDF: 5510365308590426333953610701260980224.0/15

Left In: -29.715+/-0.000 χ^2/NDF:2588237990004248238663738979254272.0/2

81.524+/-0.000 χ^2/NDF: 1184041755614981 50

4.296+/-0.000 χ^2/NDF: 30724307040749

-79.717+/-0.000 χ^2/NDF: 6394250916749680 8

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377423052 8.0/4

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

989.860+/-0.000 χ^2/NDF: 4927895034144605 2

29.168+/-0.000 χ^2/NDF: 2069763574779

-1015.924+/-0.000 χ^2/NDF: 877614207793087

dit_sam2_coil6_mean vs Slug, Sign Corrected

Right In: 6175.493+/-0.000 χ^2/NDF: 1172608771629212239674783490507084524421 12.0/14

Left Out: 2885.303+/-0.000 χ^2/NDF:4926533147587775791839533391320218337 28.0/4

Right Out: -5996.727+/-0.000 χ^2/NDF: 1370577107850251365434077101079163568 12800.0/15

Left In: -3471.817+/-0.000 χ^2/NDF:3507933869066941061581899080713371648 0.0/2

5014.249+/-0.000 χ^2/NDF: 120233172321731 8

74.889+/-0.000 χ^2/NDF: 309592747772 0

-5298.406+/-0.000 χ^2/NDF: 138268842559091

dit_sam2_coil6_err_mean vs Slug, Sign Corrected

Right In: 1186.846+/-0.000 χ^2/NDF: 1796463312802023303623210264680353234944.0/14

Left Out: 299.686+/-0.000 χ^2/NDF:1269386657799303162776302892680740864.0/4

Right Out: -1016.732+/-0.000 χ^2/NDF: 927646003466094249558391691024825057280.0/15

Left In: -391.305+/-0.000 χ^2/NDF:719289504823610845960481828797153 28.0/2

873.731+/-0.000 χ^2/NDF: 1978013914494411 6

51.122+/-0.000 χ^2/NDF: 4394948772508

-843.756+/-0.000 χ^2/NDF: 9998765707836152

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377423052 8.0/4

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

989.860+/-0.000 χ^2/NDF: 4927895034144605 2

29.168+/-0.000 χ^2/NDF: 2069763574779

-1015.924+/-0.000 χ^2/NDF: 877614207793087

dit_sam3_coil6_mean vs Slug, Sign Corrected

Right In: -643.217+/-0.000 χ^2/NDF: 2727269646082066940272851597849253642 24.0/14

Left Out: -854.182+/-0.000 χ^2/NDF:2216480079431783855111736257570825830 4.0/4

Right Out: 597.043+/-0.000 χ^2/NDF: 2107333707980314493635040043190053765 12.0/15

Left In: 958.480+/-0.000 χ^2/NDF:1594960956922009065432488987982823424.0/2

-717.675+/-0.000 χ^2/NDF: 3050863302201965

-40.098+/-0.000 χ^2/NDF: 150294606978

697.006+/-0.000 χ^2/NDF: 2364274516997327

dit_sam3_coil6_err_mean vs Slug, Sign Corrected

Right In: 575.526+/-0.000 χ^2/NDF: 4326800392858497194932764712771319234 56.0/14

Left Out: 220.258+/-0.000 χ^2/NDF:1237007781455918681927736750292074496.0/4

Right Out: -470.716+/-0.000 χ^2/NDF: 2093106042918682198060737687645124034 56.0/15

Left In: -283.074+/-0.000 χ^2/NDF:1557947579720461713015767952848322 56.0/2

450.137+/-0.000 χ^2/NDF: 4628277851094257

33.941+/-0.000 χ^2/NDF: 1041530911051

-418.819+/-0.000 χ^2/NDF: 2159616155044428

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377423052 8.0/4

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

989.860+/-0.000 χ^2/NDF: 4927895034144605 2

29.168+/-0.000 χ^2/NDF: 2069763574779

-1015.924+/-0.000 χ^2/NDF: 877614207793087

dit_sam4_coil6_mean vs Slug, Sign Corrected

Right In: -4565.412+/-0.000 χ^2/NDF: 3566776824743228998489904272515548787507 2.0/14
-4635.326+/-0.000 χ^2/NDF: 36863817812781 8
Left Out: -4763.500+/-0.000 χ^2/NDF:11870615835898576313562444596771689594 88.0/4
-255.521+/-0.000 χ^2/NDF: 1229329900 9 4
Right Out: 4156.859+/-0.000 χ^2/NDF: 4553945544165992715770844309993068219596 8.0/15
4509.060+/-0.000 χ^2/NDF: 458983963074037 5
Left In: 5430.310+/-0.000 χ^2/NDF:5978371662684287603163250638649819136 0.0/2

dit_sam4_coil6_err_mean vs Slug, Sign Corrected

Right In: 775.824+/-0.000 χ^2/NDF: 641856726975740612716432458612629045248.0/14

Left Out: 402.918+/-0.000 χ^2/NDF:2489218493362644715545805760369786880.0/4

Right Out: -627.315+/-0.000 χ^2/NDF: 297517676171111924966086193860621369344.0/15

Left In: -512.440+/-0.000 χ^2/NDF:252140103856882239843349088176177152.0/2

644.210+/-0.000 χ^2/NDF: 6761986375182101

50.417+/-0.000 χ^2/NDF: 1714769441197

-595.543+/-0.000 χ^2/NDF: 3002041586550311

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

989.860+/-0.000 χ^2/NDF: 4927895034144605 2

Left Out: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377423052 8.0/4

29.168+/-0.000 χ^2/NDF: 2069763574779

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

-1015.924+/-0.000 χ^2/NDF: 877614207793087

Left In: -1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

dit_sam5_coil6_mean vs Slug, Sign Corrected

Right In: -64.751+/-0.000 χ^2/NDF: 96142234488518141916838173499895589109 76.0/14

Left Out: -403.925+/-0.000 χ^2/NDF:175004251271916438881041235738865172480.0/4

Right Out: 57.229+/-0.000 χ^2/NDF: 137809589770087023019425054543871779799 04.0/15

Left In: 505.306+/-0.000 χ^2/NDF:53853116150971072324678182280689090 56.0/2

-184.459+/-0.000 χ^2/NDF: 9815578436257920

-9.344+/-0.000 χ^2/NDF: 2370317676648

181.155+/-0.000 χ^2/NDF: 1382338178490925

dit_sam5_coil6_err_mean vs Slug, Sign Corrected

Right In: 121.228+/-0.000 χ^2/NDF: 272317085768436257480063759486130585 6.0/14

Left Out: 67.045+/-0.000 χ^2/NDF:1384417625602301140060816154694778 88.0/4

Right Out: -102.749+/-0.000 χ^2/NDF: 196766802484601033365442767055591 8336.0/15

Left In: -76.330+/-0.000 χ^2/NDF:1411437997284283105081144799290982 4.0/2

102.104+/-0.000 χ^2/NDF: 3534070725545413 3

7.487+/-0.000 χ^2/NDF: 2439197393406 9

-95.442+/-0.000 χ^2/NDF: 2110540155463643 8

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377423052 8.0/4

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

989.860+/-0.000 χ^2/NDF: 4927895034144605 2

29.168+/-0.000 χ^2/NDF: 2069763574779

-1015.924+/-0.000 χ^2/NDF: 877614207793087

dit_sam6_coil6_mean vs Slug, Sign Corrected

Right In: 199.503+/-0.000 χ^2/NDF: 3268159745923533825045181664876849790976.0/14

Left Out: -460.553+/-0.000 χ^2/NDF:5198863480137060659378608981312064716 8.0/4

Right Out: -160.512+/-0.000 χ^2/NDF: 5680576709461197901526729703706251493376.0/15

Left In: 638.751+/-0.000 χ^2/NDF:1044585378722040382456543403761991680.0/2

-33.458+/-0.000 χ^2/NDF: 34199434926844399

11.565+/-0.000 χ^2/NDF: 9223655492695

60.542+/-0.000 χ^2/NDF: 57994672104957111

dit_sam6_coil6_err_mean vs Slug, Sign Corrected

Right In: 143.764+/-0.000 χ^2/NDF: 451478586956577784990050859182194688 0.0/14

Left Out: 101.985+/-0.000 χ^2/NDF:1499795935455759650728566651524997120.0/4

Right Out: -132.341+/-0.000 χ^2/NDF: 317408790879624528768235991428235264 0.0/15

Left In: -130.656+/-0.000 χ^2/NDF:2448207099664507126392618846099865 6.0/2

129.018+/-0.000 χ^2/NDF: 5064577718670894

4.061+/-0.000 χ^2/NDF: 4096202169142 5

-131.875+/-0.000 χ^2/NDF: 3199093344930564

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377423052 8.0/4

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

989.860+/-0.000 χ^2/NDF: 4927895034144605 2

29.168+/-0.000 χ^2/NDF: 2069763574779

-1015.924+/-0.000 χ^2/NDF: 877614207793087

dit_sam7_coil6_mean vs Slug, Sign Corrected

Right In: 285.856+/-0.000 χ^2/NDF: 2410824480235553006466331130108628172 8.0/14

Left Out: 383.958+/-0.000 χ^2/NDF:178230432009534707872091454482415616 0.0/4

Right Out: -272.539+/-0.000 χ^2/NDF: 441499526650755936503387133335757127 68.0/15

Left In: -495.995+/-0.000 χ^2/NDF:219890897669357107858337748406501376.0/2

320.481+/-0.000 χ^2/NDF: 2809501753502734 9

6.847+/-0.000 χ^2/NDF: 2876661907317 6

-334.340+/-0.000 χ^2/NDF: 5358112067202287

dit_sam7_coil6_err_mean vs Slug, Sign Corrected

Right In: 173.871+/-0.000 χ^2/NDF: 4170547340446623261307370455499066572 8.0/14

Left Out: 63.520+/-0.000 χ^2/NDF:5074933346790665124991881997765836 8.0/4

Right Out: -145.228+/-0.000 χ^2/NDF: 2252961571940859472078526574443783 7824.0/15

Left In: -82.974+/-0.000 χ^2/NDF:5273504684481318390981093285167104.0/2

134.924+/-0.000 χ^2/NDF: 4454554066674303 9

8.989+/-0.000 χ^2/NDF: 1010072955435 1

-128.010+/-0.000 χ^2/NDF: 2324983749201902

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

989.860+/-0.000 χ^2/NDF: 4927895034144605 2

Left Out: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377423052 8.0/4

29.168+/-0.000 χ^2/NDF: 2069763574779

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

-1015.924+/-0.000 χ^2/NDF: 877614207793087

Left In: -1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

dit_sam8_coil6_mean vs Slug, Sign Corrected

Right In: -2131.905+/-0.000 χ^2/NDF: 7224333845704950711314506619836705013 76.0/14

Left Out: -2656.017+/-0.000 χ^2/NDF:713568590928048121578548523137446707 20.0/4

Right Out: 1888.448+/-0.000 χ^2/NDF: 7919866655519806910327198626117698191 36.0/15

Left In: 3146.489+/-0.000 χ^2/NDF:1085062833719795970905274653258180198 4.0/2

-2316.886+/-0.000 χ^2/NDF: 856711118657337

-136.045+/-0.000 χ^2/NDF: 11911261902

2236.388+/-0.000 χ^2/NDF: 1094798050861023

dit_sam8_coil6_err_mean vs Slug, Sign Corrected

Right In: 100.135+/-0.000 χ^2/NDF: 7813910768784473081480373577053110272.0/14

84.723+/-0.000 χ^2/NDF: 82902768017258693

Left Out: 56.467+/-0.000 χ^2/NDF:39573895195825145802678448299180032.0/4

6.787+/-0.000 χ^2/NDF: 24537507685298

Right Out: -78.881+/-0.000 χ^2/NDF: 35251290784339012023043015129662750 72.0/15

-77.996+/-0.000 χ^2/NDF: 3527548019993155 9

Left In: -75.680+/-0.000 χ^2/NDF:52875530177554758116000423267532 8.0/2

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377423052 8.0/4

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

989.860+/-0.000 χ^2/NDF: 4927895034144605 2

29.168+/-0.000 χ^2/NDF: 2069763574779

-1015.924+/-0.000 χ^2/NDF: 877614207793087

dit_run_mean vs Slug, Sign Corrected

Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 5590.293+/-121.245 χ^2/NDF:35.8/4

Right Out: -5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: -6476.899+/-60.055 χ^2/NDF:15.1/2

5774.116+/-0.181 χ^2/NDF: 1828564.6/19

-1536.202+/-0.111 χ^2/NDF: 2585364504.9

-5861.464+/-0.140 χ^2/NDF: 180140.5/18

dit_run_rms vs Slug, Sign Corrected

Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 5590.293+/-121.245 χ^2/NDF:35.8/4

Right Out: 5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: 6476.899+/-60.055 χ^2/NDF:15.1/2

5774.116+/-0.181 χ^2/NDF: 1828564.6/19

5828.995+/-0.111 χ^2/NDF: 2154289.5/38

5861.464+/-0.140 χ^2/NDF: 180140.5/18

dit_slug_slope vs Slug, Sign Corrected

Right In: 114.980+/-0.000 χ^2/NDF: 112344936246012934714934440230912.0/16

Left Out: 138.000+/-0.000 χ^2/NDF:6785.0/4

Right Out: -120.186+/-0.000 χ^2/NDF: 52233253644261695528198041763840.0/19

Left In: -144.000+/-0.000 χ^2/NDF:2790.0/2

116.377+/-0.000 χ^2/NDF: 1597932378374163

16.999+/-0.000 χ^2/NDF: 3756132288916

-122.504+/-0.000 χ^2/NDF: 1079978671168135

dit_cyclenum_mean vs Slug, Sign Corrected

Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 5572.145+/-120.908 χ^2/NDF:37.7/4

Right Out: -5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: -6515.207+/-60.441 χ^2/NDF:22.3/2

4925.344+/-0.939 χ^2/NDF: 331060.9/19

-1694.754+/-0.544 χ^2/NDF: 75276315.8/3

-5045.401+/-0.668 χ^2/NDF: 30793.6/18

dit_cyclenum_rms vs Slug, Sign Corrected

Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 5572.145+/-120.908 χ^2/NDF:37.7/4

Right Out: 5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: 6515.207+/-60.441 χ^2/NDF:22.3/2

4925.344+/-0.939 χ^2/NDF: 331060.9/19

5005.056+/-0.544 χ^2/NDF: 372715.8/38

5045.401+/-0.668 χ^2/NDF: 30793.6/18

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

0.000+/-0.000 χ^2/NDF: 0.0/0

0.000+/-0.000 χ^2/NDF: 0.0/0

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

0.000+/-0.000 χ^2/NDF: 0.0/0

0.000+/-0.000 χ^2/NDF: 0.0/0

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

0.000+/-0.000 χ^2/NDF: 0.0/0

0.000+/-0.000 χ^2/NDF: 0.0/0

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

0.000+/-0.000 χ^2/NDF: 0.0/0

0.000+/-0.000 χ^2/NDF: 0.0/0

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: 0.847+/-0.018 χ^2/NDF:35.3/4

Right Out: -1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: -0.978+/-0.009 χ^2/NDF:12.3/2

1.000+/-0.000 χ^2/NDF: 200.7/19

0.398+/-0.000 χ^2/NDF: 14173250084479

-1.000+/-0.000 χ^2/NDF: 187.2/18

dit_flag_rms vs Slug, Sign Corrected

Right In: 1.000+/-0.000 χ^2/NDF: 95.9/14

Left Out: 0.847+/-0.018 χ^2/NDF:35.3/4

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: 0.978+/-0.009 χ^2/NDF:12.3/2

1.000+/-0.000 χ^2/NDF: 200.7/19

1.000+/-0.000 χ^2/NDF: 470.9/38

1.000+/-0.000 χ^2/NDF: 187.2/18

dit_segment_slope vs Slug, Sign Corrected

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

Left Out: 1.364+/-0.016 χ^2/NDF:0.0/0

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

Left In: -1.250+/-0.013 χ^2/NDF:0.0/0

1.364+/-0.016 χ^2/NDF: 0.0/0

-0.196+/-0.010 χ^2/NDF: 15693.7/1

-1.250+/-0.013 χ^2/NDF: 0.0/0

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected

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

Left Out: -6.780+/-0.157 χ^2/NDF:142.7/4

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

Left In: 5.589+/-0.178 χ^2/NDF:26.3/2

-6.780+/-0.157 χ^2/NDF: 142.7/4

-1.378+/-0.118 χ^2/NDF: 2884.5/7

5.589+/-0.178 χ^2/NDF: 26.3/2

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -57.563+/-0.141 χ^2/NDF: 3455.9/16

Left Out: -55.415+/-0.134 χ^2/NDF:197.1/4

Right Out: 57.733+/-0.143 χ^2/NDF: 4698.6/19

Left In: 56.152+/-0.172 χ^2/NDF:24.2/2

-56.431+/-0.097 χ^2/NDF: 3774.6/21

-6.533+/-0.073 χ^2/NDF: 606970.3/44

57.087+/-0.110 χ^2/NDF: 4772.9/22

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 3.168+/-0.258 χ^2/NDF: 186.2/16

Left Out: -4.100+/-0.168 χ^2/NDF:681.8/4

Right Out: -3.702+/-0.267 χ^2/NDF: 326.0/19

Left In: 6.122+/-0.191 χ^2/NDF:88.3/2

-1.933+/-0.141 χ^2/NDF: 1426.1/21

0.189+/-0.104 χ^2/NDF: 3241.0/44

2.781+/-0.156 χ^2/NDF: 1309.8/22

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 10.306+/-0.157 χ^2/NDF: 3712.3/16

Left Out: 13.263+/-0.157 χ^2/NDF:264.9/4

Right Out: -10.443+/-0.160 χ^2/NDF: 3830.6/19

Left In: -14.472+/-0.197 χ^2/NDF:101.0/2

11.786+/-0.111 χ^2/NDF: 4155.2/21

1.205+/-0.083 χ^2/NDF: 28868.5/44

-12.044+/-0.124 χ^2/NDF: 4184.3/22

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.303+/-0.008 χ^2/NDF: 646.6/16

Left Out: 0.399+/-0.007 χ^2/NDF:85.6/4

Right Out: -0.241+/-0.008 χ^2/NDF: 986.9/19

Left In: -0.405+/-0.007 χ^2/NDF:128.7/2

0.360+/-0.005 χ^2/NDF: 813.7/21

0.032+/-0.004 χ^2/NDF: 10544.2/44

-0.336+/-0.006 χ^2/NDF: 1331.3/22

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected

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

Left Out: -51.554+/-0.992 χ^2/NDF:112.7/4

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

Left In: 42.441+/-1.226 χ^2/NDF:47.5/2

-51.554+/-0.992 χ^2/NDF: 112.7/4

-14.361+/-0.771 χ^2/NDF: 3709.8/7

42.441+/-1.226 χ^2/NDF: 47.5/2

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -38.309+/-1.137 χ^2/NDF: 1132.7/16

Left Out: -37.389+/-0.786 χ^2/NDF:36.9/4

Right Out: 42.784+/-1.209 χ^2/NDF: 1341.8/19

Left In: 40.343+/-1.011 χ^2/NDF:701.6/2

-37.686+/-0.646 χ^2/NDF: 1170.0/21

-5.305+/-0.497 χ^2/NDF: 9343.2/44

41.348+/-0.776 χ^2/NDF: 2045.8/22

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -114.996+/-2.072 χ^2/NDF: 141.8/16

Left Out: -141.384+/-1.061 χ^2/NDF:114.9/4

Right Out: 112.628+/-2.202 χ^2/NDF: 273.8/19

Left In: 149.730+/-1.314 χ^2/NDF:157.6/2

-135.900+/-0.945 χ^2/NDF: 385.1/21

-22.242+/-0.724 χ^2/NDF: 36159.6/44

139.982+/-1.129 χ^2/NDF: 640.7/22

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -175.696+/-1.268 χ^2/NDF: 692.9/16

Left Out: -139.072+/-0.931 χ^2/NDF:180.2/4

Right Out: 173.566+/-1.354 χ^2/NDF: 739.5/19

Left In: 132.999+/-1.188 χ^2/NDF:458.1/2

-151.898+/-0.750 χ^2/NDF: 1415.5/21

-26.744+/-0.574 χ^2/NDF: 70408.8/44

150.654+/-0.893 χ^2/NDF: 1704.7/22

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.067+/-0.067 χ^2/NDF: 526.1/16

Left Out: 1.250+/-0.043 χ^2/NDF:86.1/4

Right Out: 0.439+/-0.071 χ^2/NDF: 755.0/19

Left In: -1.528+/-0.052 χ^2/NDF:22.5/2

0.904+/-0.036 χ^2/NDF: 833.0/21

0.160+/-0.027 χ^2/NDF: 3095.8/44

-0.840+/-0.042 χ^2/NDF: 1276.0/22

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected

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

Left Out: -35.154+/-0.424 χ^2/NDF:1731.3/4

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

Left In: 32.573+/-0.511 χ^2/NDF:138.2/2

-35.154+/-0.424 χ^2/NDF: 1731.3/4

-7.524+/-0.326 χ^2/NDF: 12271.8/7

32.573+/-0.511 χ^2/NDF: 138.2/2

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -3.754+/-0.495 χ^2/NDF: 165.3/16

Left Out: -2.578+/-0.332 χ^2/NDF:203.0/4

Right Out: 3.940+/-0.506 χ^2/NDF: 123.6/19

Left In: 2.869+/-0.392 χ^2/NDF:1.7/2

-2.942+/-0.276 χ^2/NDF: 372.2/21

-0.201+/-0.206 χ^2/NDF: 724.6/44

3.271+/-0.310 χ^2/NDF: 128.1/22

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -45.101+/-0.881 χ^2/NDF: 229.9/16

Left Out: -63.923+/-0.452 χ^2/NDF:1020.1/4

Right Out: 43.045+/-0.876 χ^2/NDF: 250.3/19

Left In: 64.910+/-0.547 χ^2/NDF:1090.5/2

-59.996+/-0.402 χ^2/NDF: 1611.3/21

-9.035+/-0.304 χ^2/NDF: 40788.7/44

58.768+/-0.464 χ^2/NDF: 1789.2/22

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 23.079+/-0.556 χ^2/NDF: 461.1/16

Left Out: 23.782+/-0.392 χ^2/NDF:215.4/4

Right Out: -22.408+/-0.571 χ^2/NDF: 370.4/19

Left In: -24.227+/-0.464 χ^2/NDF:1.9/2

23.549+/-0.320 χ^2/NDF: 677.6/21

2.798+/-0.239 χ^2/NDF: 10582.2/44

-23.503+/-0.360 χ^2/NDF: 378.3/22

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -0.377+/-0.030 χ^2/NDF: 437.1/16

Left Out: 0.273+/-0.018 χ^2/NDF:24.0/4

Right Out: 0.601+/-0.030 χ^2/NDF: 555.6/19

Left In: -0.276+/-0.022 χ^2/NDF:5.2/2

0.098+/-0.016 χ^2/NDF: 802.0/21

0.071+/-0.012 χ^2/NDF: 1916.2/44

0.035+/-0.018 χ^2/NDF: 1107.2/22

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected

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

Left Out: -69.264+/-0.979 χ^2/NDF:1201.5/4

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

Left In: 57.888+/-1.181 χ^2/NDF:62.2/2

-69.264+/-0.979 χ^2/NDF: 1201.5/4

-17.515+/-0.754 χ^2/NDF: 8132.3/7

57.888+/-1.181 χ^2/NDF: 62.2/2

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 24.848+/-0.801 χ^2/NDF: 690.8/16

Left Out: 32.262+/-0.773 χ^2/NDF:580.9/4

Right Out: -27.695+/-0.810 χ^2/NDF: 1010.8/19

Left In: -30.458+/-0.956 χ^2/NDF:394.8/2

28.686+/-0.556 χ^2/NDF: 1316.1/21

2.938+/-0.413 χ^2/NDF: 7516.0/44

-28.848+/-0.618 χ^2/NDF: 1410.4/22

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -76.728+/-1.412 χ^2/NDF: 1042.0/16

Left Out: -110.556+/-1.043 χ^2/NDF:344.5/4

Right Out: 77.905+/-1.351 χ^2/NDF: 875.6/19

Left In: 121.642+/-1.265 χ^2/NDF:309.9/2

-98.614+/-0.839 χ^2/NDF: 1757.7/21

-8.250+/-0.621 χ^2/NDF: 29145.7/44

101.194+/-0.923 χ^2/NDF: 1743.9/22

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 184.271+/-0.914 χ^2/NDF: 5401.0/16

Left Out: 193.608+/-0.914 χ^2/NDF:638.2/4

Right Out: -178.011+/-0.923 χ^2/NDF: 6334.4/19

Left In: -191.226+/-1.125 χ^2/NDF:265.4/2

188.939+/-0.646 χ^2/NDF: 6091.4/21

21.211+/-0.479 χ^2/NDF: 162327.4/44

-183.327+/-0.714 χ^2/NDF: 6682.3/22

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -1.196+/-0.048 χ^2/NDF: 623.1/16

Left Out: -0.024+/-0.042 χ^2/NDF:94.3/4

Right Out: 1.389+/-0.046 χ^2/NDF: 929.7/19

Left In: 0.243+/-0.051 χ^2/NDF:22.1/2

-0.536+/-0.032 χ^2/NDF: 1052.3/21

0.122+/-0.023 χ^2/NDF: 3205.5/44

0.874+/-0.034 χ^2/NDF: 1233.8/22

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected

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

Left Out: -5.630+/-0.461 χ^2/NDF:180.1/4

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

Left In: 2.800+/-0.522 χ^2/NDF:11.3/2

-5.630+/-0.461 χ^2/NDF: 180.1/4

-1.935+/-0.346 χ^2/NDF: 337.7/7

2.800+/-0.522 χ^2/NDF: 11.3/2

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 60.554+/-0.262 χ^2/NDF: 930.8/16

Left Out: 59.951+/-0.379 χ^2/NDF:313.3/4

Right Out: -59.488+/-0.248 χ^2/NDF: 1319.9/19

Left In: -59.922+/-0.486 χ^2/NDF:508.4/2

60.360+/-0.215 χ^2/NDF: 1245.8/21

1.888+/-0.154 χ^2/NDF: 154364.6/44

-59.577+/-0.221 χ^2/NDF: 1829.0/22

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 1.914+/-0.458 χ^2/NDF: 121.6/16

Left Out: 8.763+/-0.493 χ^2/NDF:142.1/4

Right Out: -0.964+/-0.424 χ^2/NDF: 149.6/19

Left In: -5.045+/-0.560 χ^2/NDF:24.3/2

5.085+/-0.335 χ^2/NDF: 367.4/21

1.348+/-0.238 χ^2/NDF: 825.2/44

-2.450+/-0.338 χ^2/NDF: 207.5/22

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 45.344+/-0.303 χ^2/NDF: 25071.0/16

Left Out: 89.027+/-0.446 χ^2/NDF:253.8/4

Right Out: -46.030+/-0.289 χ^2/NDF: 28229.5/19

Left In: -88.075+/-0.560 χ^2/NDF:286.8/2

59.146+/-0.251 χ^2/NDF: 31881.6/21

3.547+/-0.180 χ^2/NDF: 165639.2/44

-54.884+/-0.257 χ^2/NDF: 32962.1/22

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.201+/-0.014 χ^2/NDF: 217.8/16

Left Out: -0.015+/-0.020 χ^2/NDF:87.0/4

Right Out: -0.117+/-0.013 χ^2/NDF: 503.0/19

Left In: 0.055+/-0.022 χ^2/NDF:38.8/2

0.130+/-0.011 χ^2/NDF: 383.0/21

0.026+/-0.008 χ^2/NDF: 1128.5/44

-0.071+/-0.011 χ^2/NDF: 588.0/22

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected

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

Left Out: 26.435+/-0.465 χ^2/NDF:8.8/4

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

Left In: -24.582+/-0.561 χ^2/NDF:7.3/2

26.435+/-0.465 χ^2/NDF: 8.8/4

5.657+/-0.358 χ^2/NDF: 4922.5/7

-24.582+/-0.561 χ^2/NDF: 7.3/2

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 52.981+/-0.210 χ^2/NDF: 1197.8/16

Left Out: 48.761+/-0.378 χ^2/NDF:91.5/4

Right Out: -53.333+/-0.227 χ^2/NDF: 873.9/19

Left In: -50.121+/-0.499 χ^2/NDF:729.0/2

51.986+/-0.184 χ^2/NDF: 1384.4/21

5.660+/-0.137 χ^2/NDF: 146836.4/44

-52.784+/-0.206 χ^2/NDF: 1637.3/22

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -2.361+/-0.364 χ^2/NDF: 840.8/16

Left Out: 41.004+/-0.498 χ^2/NDF:190.8/4

Right Out: 1.016+/-0.377 χ^2/NDF: 511.4/19

Left In: -42.858+/-0.602 χ^2/NDF:52.0/2

12.741+/-0.294 χ^2/NDF: 5979.5/21

1.702+/-0.216 χ^2/NDF: 13446.0/44

-11.346+/-0.319 χ^2/NDF: 4384.0/22

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 0.541+/-0.247 χ^2/NDF: 18423.8/16

Left Out: 63.910+/-0.448 χ^2/NDF:529.1/4

Right Out: -2.015+/-0.266 χ^2/NDF: 15491.9/19

Left In: -61.724+/-0.580 χ^2/NDF:832.5/2

15.310+/-0.216 χ^2/NDF: 34329.3/21

3.024+/-0.161 χ^2/NDF: 66692.2/44

-12.409+/-0.242 χ^2/NDF: 25066.9/22

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.105+/-0.011 χ^2/NDF: 400.7/16

Left Out: -0.156+/-0.020 χ^2/NDF:45.8/4

Right Out: -0.088+/-0.011 χ^2/NDF: 391.7/19

Left In: 0.250+/-0.023 χ^2/NDF:31.5/2

0.045+/-0.010 χ^2/NDF: 574.3/21

0.011+/-0.007 χ^2/NDF: 1196.2/44

-0.026+/-0.010 χ^2/NDF: 595.7/22

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected

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

Left Out: 14.244+/-0.148 χ^2/NDF:818.5/4

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

Left In: -17.198+/-0.182 χ^2/NDF:180.6/2

14.244+/-0.148 χ^2/NDF: 818.5/4

1.729+/-0.115 χ^2/NDF: 18923.8/7

-17.198+/-0.182 χ^2/NDF: 180.6/2

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 10.224+/-0.119 χ^2/NDF: 877.6/16

Left Out: 12.598+/-0.116 χ^2/NDF:777.4/4

Right Out: -11.101+/-0.116 χ^2/NDF: 817.4/19

Left In: -13.228+/-0.146 χ^2/NDF:349.3/2

11.442+/-0.083 χ^2/NDF: 1859.5/21

0.824+/-0.061 χ^2/NDF: 39196.6/44

-11.925+/-0.091 χ^2/NDF: 1296.6/22

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -72.201+/-0.198 χ^2/NDF: 5566.9/16

Left Out: -50.329+/-0.159 χ^2/NDF:546.7/4

Right Out: 76.037+/-0.181 χ^2/NDF: 3474.4/19

Left In: 52.989+/-0.195 χ^2/NDF:514.1/2

-58.890+/-0.124 χ^2/NDF: 13562.6/21

-1.033+/-0.090 χ^2/NDF: 495166.8/44

65.409+/-0.133 χ^2/NDF: 11502.5/22

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -16.072+/-0.132 χ^2/NDF: 1640.9/16

Left Out: -19.200+/-0.137 χ^2/NDF:952.0/4

Right Out: 16.801+/-0.128 χ^2/NDF: 1215.8/19

Left In: 20.632+/-0.172 χ^2/NDF:252.3/2

-17.575+/-0.095 χ^2/NDF: 2862.1/21

-1.052+/-0.070 χ^2/NDF: 69739.7/44

18.162+/-0.103 χ^2/NDF: 1786.7/22

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -0.198+/-0.008 χ^2/NDF: 6338.8/16

Left Out: 0.436+/-0.006 χ^2/NDF:89.2/4

Right Out: 0.239+/-0.007 χ^2/NDF: 6251.7/19

Left In: -0.397+/-0.008 χ^2/NDF:31.6/2

0.169+/-0.005 χ^2/NDF: 10520.7/21

0.067+/-0.004 χ^2/NDF: 21341.3/44

-0.052+/-0.005 χ^2/NDF: 9886.4/22

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected

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

Left Out: 4.442+/-0.118 χ^2/NDF:3231.6/4

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

Left In: -6.739+/-0.149 χ^2/NDF:264.8/2

4.442+/-0.118 χ^2/NDF: 3231.6/4

0.131+/-0.093 χ^2/NDF: 6936.2/7

-6.739+/-0.149 χ^2/NDF: 264.8/2

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -42.179+/-0.078 χ^2/NDF: 6573.8/16

Left Out: -36.477+/-0.092 χ^2/NDF:3184.4/4

Right Out: 40.039+/-0.073 χ^2/NDF: 11323.4/19

Left In: 36.149+/-0.119 χ^2/NDF:4794.2/2

-39.793+/-0.059 χ^2/NDF: 12007.3/21

-2.193+/-0.043 χ^2/NDF: 871166.2/44

38.986+/-0.062 χ^2/NDF: 16893.2/22

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -48.743+/-0.124 χ^2/NDF: 14658.5/16

Left Out: -31.997+/-0.127 χ^2/NDF:2207.8/4

Right Out: 48.126+/-0.107 χ^2/NDF: 11767.8/19

Left In: 35.636+/-0.160 χ^2/NDF:546.1/2

-40.511+/-0.089 χ^2/NDF: 25770.5/21

1.755+/-0.063 χ^2/NDF: 497498.3/44

44.263+/-0.089 χ^2/NDF: 16524.1/22

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 43.782+/-0.087 χ^2/NDF: 10638.7/16

Left Out: 37.722+/-0.109 χ^2/NDF:2452.4/4

Right Out: -40.549+/-0.080 χ^2/NDF: 17598.0/19

Left In: -38.529+/-0.141 χ^2/NDF:3343.6/2

41.435+/-0.068 χ^2/NDF: 14986.6/21

1.748+/-0.049 χ^2/NDF: 739456.5/44

-40.056+/-0.070 χ^2/NDF: 21097.3/22

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -0.178+/-0.005 χ^2/NDF: 7375.8/16

Left Out: 0.309+/-0.005 χ^2/NDF:429.0/4

Right Out: 0.221+/-0.004 χ^2/NDF: 7566.8/19

Left In: -0.242+/-0.006 χ^2/NDF:97.5/2

0.051+/-0.004 χ^2/NDF: 12555.3/21

0.064+/-0.003 χ^2/NDF: 23862.7/44

0.077+/-0.004 χ^2/NDF: 11279.8/22

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected

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

Left Out: -94.668+/-1.082 χ^2/NDF:363.3/3

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

Left In: 95.053+/-1.191 χ^2/NDF:99.2/2

-94.668+/-1.082 χ^2/NDF: 363.3/3

-8.871+/-0.801 χ^2/NDF: 14360.4/6

95.053+/-1.191 χ^2/NDF: 99.2/2

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 7.063+/-0.434 χ^2/NDF: 446.9/15

Left Out: 5.939+/-0.916 χ^2/NDF:69.0/3

Right Out: -8.777+/-0.448 χ^2/NDF: 352.4/18

Left In: 0.156+/-1.043 χ^2/NDF:6.2/2

6.857+/-0.392 χ^2/NDF: 517.1/19

0.089+/-0.284 χ^2/NDF: 1565.4/41

-7.384+/-0.412 χ^2/NDF: 420.6/21

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 58.913+/-0.831 χ^2/NDF: 1496.7/15

Left Out: 45.508+/-1.154 χ^2/NDF:331.1/3

Right Out: -64.875+/-0.838 χ^2/NDF: 1719.5/18

Left In: -47.699+/-1.278 χ^2/NDF:113.2/2

54.335+/-0.675 χ^2/NDF: 1916.6/19

-0.524+/-0.486 χ^2/NDF: 17621.1/41

-59.710+/-0.701 χ^2/NDF: 1959.1/21

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 9.583+/-0.501 χ^2/NDF: 554.4/15

Left Out: 20.057+/-1.079 χ^2/NDF:66.3/3

Right Out: -7.575+/-0.515 χ^2/NDF: 573.4/18

Left In: -30.223+/-1.216 χ^2/NDF:26.1/2

11.440+/-0.455 χ^2/NDF: 698.2/19

0.681+/-0.328 χ^2/NDF: 2761.7/41

-11.019+/-0.474 χ^2/NDF: 893.8/21

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -39.777+/-0.031 χ^2/NDF: 26158.0/15

Left Out: -54.987+/-0.047 χ^2/NDF:39723.0/3

Right Out: 41.646+/-0.031 χ^2/NDF: 94463.7/18

Left In: 53.575+/-0.049 χ^2/NDF:38804.2/2

-44.384+/-0.026 χ^2/NDF: 138490.2/19

-0.388+/-0.018 χ^2/NDF: 6160818.1/41

45.029+/-0.026 χ^2/NDF: 174895.2/21

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected

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

Left Out: -68.985+/-0.942 χ^2/NDF:533.6/4

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

Left In: 78.296+/-1.146 χ^2/NDF:100.1/2

-68.985+/-0.942 χ^2/NDF: 533.6/4

-9.583+/-0.728 χ^2/NDF: 10484.5/7

78.296+/-1.146 χ^2/NDF: 100.1/2

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 4.894+/-0.621 χ^2/NDF: 295.4/16

Left Out: 0.863+/-0.756 χ^2/NDF:227.8/4

Right Out: -7.528+/-0.651 χ^2/NDF: 271.3/19

Left In: 2.504+/-0.977 χ^2/NDF:15.3/2

3.270+/-0.480 χ^2/NDF: 540.2/21

-0.125+/-0.359 χ^2/NDF: 1013.5/44

-4.447+/-0.542 χ^2/NDF: 359.6/22

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 153.298+/-1.145 χ^2/NDF: 2266.8/16

Left Out: 136.107+/-1.005 χ^2/NDF:533.4/4

Right Out: -162.891+/-1.174 χ^2/NDF: 1712.3/19

Left In: -146.893+/-1.229 χ^2/NDF:89.1/2

143.591+/-0.755 χ^2/NDF: 2927.5/21

11.551+/-0.564 χ^2/NDF: 73990.9/44

-155.255+/-0.849 χ^2/NDF: 1890.0/22

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 10.878+/-0.713 χ^2/NDF: 388.1/16

Left Out: 20.876+/-0.896 χ^2/NDF:298.1/4

Right Out: -7.068+/-0.747 χ^2/NDF: 426.2/19

Left In: -26.358+/-1.143 χ^2/NDF:39.2/2

14.759+/-0.558 χ^2/NDF: 762.5/21

2.525+/-0.416 χ^2/NDF: 2511.8/44

-12.838+/-0.625 χ^2/NDF: 664.9/22

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -41.265+/-0.038 χ^2/NDF: 12570.1/16

Left Out: -50.080+/-0.041 χ^2/NDF:9486.4/4

Right Out: 41.138+/-0.039 χ^2/NDF: 12228.3/19

Left In: 48.368+/-0.048 χ^2/NDF:9843.3/2

-45.396+/-0.028 χ^2/NDF: 46627.4/21

-3.850+/-0.021 χ^2/NDF: 4797423.8/44

43.966+/-0.030 χ^2/NDF: 35808.2/22

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected

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

Left Out: -0.120+/-0.053 χ^2/NDF:5.7/3

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

Left In: 0.008+/-0.058 χ^2/NDF:0.0/2

-0.120+/-0.053 χ^2/NDF: 5.7/3

-0.062+/-0.039 χ^2/NDF: 8.4/6

0.008+/-0.058 χ^2/NDF: 0.0/2

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 0.002+/-0.028 χ^2/NDF: 12.5/15

Left Out: -0.076+/-0.046 χ^2/NDF:2.6/3

Right Out: 0.054+/-0.029 χ^2/NDF: 29.0/18

Left In: 0.021+/-0.052 χ^2/NDF:10.1/2

-0.020+/-0.024 χ^2/NDF: 17.3/19

0.011+/-0.017 χ^2/NDF: 60.3/41

0.046+/-0.025 χ^2/NDF: 39.4/21

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 0.171+/-0.052 χ^2/NDF: 13.7/15

Left Out: 0.112+/-0.057 χ^2/NDF:5.3/3

Right Out: -0.246+/-0.054 χ^2/NDF: 24.9/18

Left In: -0.007+/-0.062 χ^2/NDF:0.0/2

0.144+/-0.039 χ^2/NDF: 19.5/19

0.008+/-0.028 χ^2/NDF: 79.3/41

-0.144+/-0.041 χ^2/NDF: 33.4/21

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -0.011+/-0.033 χ^2/NDF: 13.8/15

Left Out: 0.106+/-0.053 χ^2/NDF:2.5/3

Right Out: -0.062+/-0.034 χ^2/NDF: 23.3/18

Left In: -0.047+/-0.060 χ^2/NDF:9.7/2

0.021+/-0.028 χ^2/NDF: 19.8/19

-0.017+/-0.020 χ^2/NDF: 56.6/41

-0.059+/-0.029 χ^2/NDF: 33.0/21

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+/-0.002 χ^2/NDF:6.9/3

Right Out: 0.012+/-0.002 χ^2/NDF: 11894.2/18

Left In: 0.017+/-0.002 χ^2/NDF:0.6/2

-0.011+/-0.001 χ^2/NDF: 20.7/19

0.001+/-0.001 χ^2/NDF: 12069.6/41

0.014+/-0.001 χ^2/NDF: 11897.4/21

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected

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

Left Out: 0.093+/-0.067 χ^2/NDF:2.7/4

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

Left In: 0.012+/-0.079 χ^2/NDF:0.4/2

0.093+/-0.067 χ^2/NDF: 2.7/4

0.059+/-0.051 χ^2/NDF: 3.7/7

0.012+/-0.079 χ^2/NDF: 0.4/2

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -0.024+/-0.037 χ^2/NDF: 23.4/16

Left Out: -0.076+/-0.055 χ^2/NDF:4.3/4

Right Out: 0.125+/-0.039 χ^2/NDF: 19.6/19

Left In: 0.106+/-0.070 χ^2/NDF:0.2/2

-0.040+/-0.030 χ^2/NDF: 28.3/21

0.031+/-0.023 χ^2/NDF: 60.3/44

0.120+/-0.034 χ^2/NDF: 19.8/22

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -0.129+/-0.067 χ^2/NDF: 23.7/16

Left Out: -0.120+/-0.072 χ^2/NDF:2.7/4

Right Out: 0.168+/-0.071 χ^2/NDF: 15.4/19

Left In: 0.002+/-0.085 χ^2/NDF:0.2/2

-0.125+/-0.049 χ^2/NDF: 26.5/21

-0.024+/-0.036 χ^2/NDF: 53.8/44

0.101+/-0.054 χ^2/NDF: 17.9/22

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 0.021+/-0.042 χ^2/NDF: 22.5/16

Left Out: 0.084+/-0.065 χ^2/NDF:2.2/4

Right Out: -0.148+/-0.045 χ^2/NDF: 18.3/19

Left In: -0.132+/-0.081 χ^2/NDF:0.1/2

0.039+/-0.035 χ^2/NDF: 25.4/21

-0.042+/-0.026 χ^2/NDF: 55.8/44

-0.144+/-0.040 χ^2/NDF: 18.5/22

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.001+/-0.002 χ^2/NDF: 32.4/16

Left Out: 0.009+/-0.003 χ^2/NDF:3.2/4

Right Out: -0.001+/-0.002 χ^2/NDF: 10449.1/19

Left In: -0.011+/-0.003 χ^2/NDF:2.0/2

0.004+/-0.002 χ^2/NDF: 39.7/21

0.000+/-0.001 χ^2/NDF: 10507.3/44

-0.004+/-0.002 χ^2/NDF: 10457.5/22

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: -79.769+/-0.924 χ^2/NDF:523.7/3

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

Left In: 86.593+/-1.026 χ^2/NDF:80.9/2

-79.769+/-0.924 χ^2/NDF: 523.7/3

-5.205+/-0.687 χ^2/NDF: 15125.5/6

86.593+/-1.026 χ^2/NDF: 80.9/2

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 5.589+/-0.424 χ^2/NDF: 462.8/15

Left Out: 2.683+/-0.776 χ^2/NDF:162.9/3

Right Out: -8.110+/-0.453 χ^2/NDF: 409.5/18

Left In: 1.265+/-0.888 χ^2/NDF:13.3/2

4.922+/-0.372 χ^2/NDF: 636.5/19

-0.172+/-0.273 χ^2/NDF: 1556.7/41

-6.174+/-0.404 χ^2/NDF: 511.2/21

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: 88.379+/-0.985 χ^2/NDF:489.5/3

Right Out: -110.864+/-0.835 χ^2/NDF: 2517.1/18

Left In: -97.177+/-1.100 χ^2/NDF:81.8/2

96.312+/-0.624 χ^2/NDF: 3576.6/19

1.566+/-0.455 χ^2/NDF: 55415.7/41

-105.864+/-0.665 χ^2/NDF: 2697.2/21

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: 21.121+/-0.916 χ^2/NDF:184.7/3

Right Out: -7.525+/-0.523 χ^2/NDF: 692.2/18

Left In: -28.147+/-1.037 χ^2/NDF:43.1/2

12.887+/-0.433 χ^2/NDF: 870.5/19

1.509+/-0.318 χ^2/NDF: 3410.5/41

-11.709+/-0.467 χ^2/NDF: 1050.4/21

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: -52.055+/-0.040 χ^2/NDF:25498.2/3

Right Out: 41.605+/-0.029 χ^2/NDF: 61797.6/18

Left In: 50.949+/-0.043 χ^2/NDF:28360.8/2

-44.008+/-0.023 χ^2/NDF: 109787.3/19

-0.949+/-0.017 χ^2/NDF: 7364918.6/41

44.483+/-0.024 χ^2/NDF: 123177.3/21

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: -15.413+/-0.513 χ^2/NDF:21.8/3

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

Left In: 9.579+/-0.560 χ^2/NDF:151.0/2

-15.413+/-0.513 χ^2/NDF: 21.8/3

-4.000+/-0.378 χ^2/NDF: 1256.8/6

9.579+/-0.560 χ^2/NDF: 151.0/2

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: 3.159+/-0.430 χ^2/NDF:45.0/3

Right Out: -0.910+/-0.353 χ^2/NDF: 42.0/18

Left In: -1.355+/-0.480 χ^2/NDF:4.2/2

1.803+/-0.266 χ^2/NDF: 104.0/19

0.464+/-0.194 χ^2/NDF: 205.1/41

-1.066+/-0.284 χ^2/NDF: 46.7/21

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: -42.250+/-0.548 χ^2/NDF:24.6/3

Right Out: 52.394+/-0.614 χ^2/NDF: 236.7/18

Left In: 48.223+/-0.600 χ^2/NDF:154.3/2

-46.653+/-0.408 χ^2/NDF: 400.1/19

-0.613+/-0.296 χ^2/NDF: 27602.0/41

50.261+/-0.429 χ^2/NDF: 414.6/21

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: -0.717+/-0.506 χ^2/NDF:97.7/3

Right Out: -0.411+/-0.399 χ^2/NDF: 95.8/18

Left In: -1.921+/-0.560 χ^2/NDF:1.5/2

-0.640+/-0.306 χ^2/NDF: 180.3/19

-0.771+/-0.223 χ^2/NDF: 282.8/41

-0.919+/-0.325 χ^2/NDF: 102.1/21

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: -3.680+/-0.022 χ^2/NDF:18862.4/3

Right Out: 1.628+/-0.022 χ^2/NDF: 77883.0/18

Left In: 3.368+/-0.023 χ^2/NDF:12395.6/2

-1.711+/-0.015 χ^2/NDF: 39271.6/19

0.293+/-0.011 χ^2/NDF: 167256.0/41

2.432+/-0.016 χ^2/NDF: 93229.6/21

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: -0.021+/-0.045 χ^2/NDF:5.8/3

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

Left In: 0.010+/-0.049 χ^2/NDF:0.4/2

-0.021+/-0.045 χ^2/NDF: 5.8/3

-0.007+/-0.033 χ^2/NDF: 6.4/6

0.010+/-0.049 χ^2/NDF: 0.4/2

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: -0.095+/-0.039 χ^2/NDF:2.6/3

Right Out: 0.092+/-0.025 χ^2/NDF: 12.7/18

Left In: 0.063+/-0.043 χ^2/NDF:4.0/2

-0.035+/-0.020 χ^2/NDF: 18.2/19

0.021+/-0.015 χ^2/NDF: 51.7/41

0.085+/-0.022 χ^2/NDF: 17.0/21

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: 0.008+/-0.049 χ^2/NDF:5.5/3

Right Out: -0.035+/-0.045 χ^2/NDF: 11.5/18

Left In: -0.002+/-0.053 χ^2/NDF:0.2/2

0.013+/-0.032 χ^2/NDF: 15.2/19

-0.003+/-0.023 χ^2/NDF: 27.7/41

-0.021+/-0.034 χ^2/NDF: 12.0/21

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: 0.112+/-0.045 χ^2/NDF:1.3/3

Right Out: -0.109+/-0.029 χ^2/NDF: 8.0/18

Left In: -0.088+/-0.050 χ^2/NDF:3.5/2

0.034+/-0.023 χ^2/NDF: 17.4/19

-0.030+/-0.017 χ^2/NDF: 45.7/41

-0.104+/-0.025 χ^2/NDF: 11.6/21

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: -0.000+/-0.002 χ^2/NDF:5.7/3

Right Out: 0.006+/-0.001 χ^2/NDF: 26509.7/18

Left In: 0.003+/-0.002 χ^2/NDF:1.7/2

-0.004+/-0.001 χ^2/NDF: 32.8/19

0.001+/-0.001 χ^2/NDF: 26572.2/41

0.005+/-0.001 χ^2/NDF: 26512.7/21

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: -0.099+/-0.045 χ^2/NDF:1.4/3

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

Left In: -0.004+/-0.049 χ^2/NDF:0.1/2

-0.099+/-0.045 χ^2/NDF: 1.4/3

-0.055+/-0.033 χ^2/NDF: 3.6/6

-0.004+/-0.049 χ^2/NDF: 0.1/2

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: 0.019+/-0.039 χ^2/NDF:2.9/3

Right Out: -0.037+/-0.025 χ^2/NDF: 32.7/18

Left In: -0.043+/-0.043 χ^2/NDF:3.4/2

0.013+/-0.020 χ^2/NDF: 28.4/19

-0.011+/-0.015 χ^2/NDF: 67.5/41

-0.038+/-0.021 χ^2/NDF: 36.1/21

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: 0.104+/-0.049 χ^2/NDF:1.0/3

Right Out: -0.202+/-0.045 χ^2/NDF: 23.2/18

Left In: -0.003+/-0.053 χ^2/NDF:0.1/2

0.131+/-0.032 χ^2/NDF: 30.3/19

0.014+/-0.023 χ^2/NDF: 90.1/41

-0.119+/-0.034 χ^2/NDF: 31.5/21

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: -0.006+/-0.045 χ^2/NDF:2.1/3

Right Out: 0.046+/-0.029 χ^2/NDF: 30.3/18

Left In: 0.043+/-0.050 χ^2/NDF:3.5/2

-0.011+/-0.023 χ^2/NDF: 27.3/19

0.015+/-0.017 χ^2/NDF: 63.8/41

0.045+/-0.025 χ^2/NDF: 33.8/21

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -0.006+/-0.001 χ^2/NDF: 29.0/15

Left Out: -0.009+/-0.002 χ^2/NDF:3.3/3

Right Out: 0.006+/-0.001 χ^2/NDF: 166.9/18

Left In: 0.014+/-0.002 χ^2/NDF:1.4/2

-0.007+/-0.001 χ^2/NDF: 33.7/19

0.001+/-0.001 χ^2/NDF: 303.1/41

0.009+/-0.001 χ^2/NDF: 178.6/21

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: -47.400+/-0.542 χ^2/NDF:360.9/3

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

Left In: 47.542+/-0.596 χ^2/NDF:98.7/2

-47.400+/-0.542 χ^2/NDF: 360.9/3

-4.466+/-0.401 χ^2/NDF: 14338.0/6

47.542+/-0.596 χ^2/NDF: 98.7/2

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: 2.932+/-0.459 χ^2/NDF:68.5/3

Right Out: -4.349+/-0.225 χ^2/NDF: 356.2/18

Left In: 0.096+/-0.522 χ^2/NDF:6.6/2

3.420+/-0.196 χ^2/NDF: 516.5/19

0.063+/-0.142 χ^2/NDF: 1555.9/41

-3.653+/-0.207 χ^2/NDF: 423.9/21

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: 22.816+/-0.578 χ^2/NDF:329.3/3

Right Out: -32.854+/-0.422 χ^2/NDF: 1660.8/18

Left In: -23.864+/-0.640 χ^2/NDF:112.8/2

27.237+/-0.338 χ^2/NDF: 1913.0/19

-0.280+/-0.244 χ^2/NDF: 17636.7/41

-30.132+/-0.352 χ^2/NDF: 1911.2/21

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: 10.080+/-0.540 χ^2/NDF:65.3/3

Right Out: -3.840+/-0.258 χ^2/NDF: 571.5/18

Left In: -15.145+/-0.609 χ^2/NDF:25.2/2

5.729+/-0.228 χ^2/NDF: 698.1/19

0.325+/-0.165 χ^2/NDF: 2763.1/41

-5.566+/-0.238 χ^2/NDF: 888.9/21

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: -27.498+/-0.024 χ^2/NDF:39661.6/3

Right Out: 20.936+/-0.016 χ^2/NDF: 94073.0/18

Left In: 26.797+/-0.025 χ^2/NDF:38710.5/2

-22.201+/-0.013 χ^2/NDF: 138060.2/19

-0.232+/-0.009 χ^2/NDF: 6140449.8/41

22.612+/-0.013 χ^2/NDF: 172726.9/21

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: -47.275+/-0.542 χ^2/NDF:364.3/3

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

Left In: 47.519+/-0.596 χ^2/NDF:99.2/2

-47.275+/-0.542 χ^2/NDF: 364.3/3

-4.403+/-0.401 χ^2/NDF: 14315.8/6

47.519+/-0.596 χ^2/NDF: 99.2/2

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: 3.009+/-0.459 χ^2/NDF:69.1/3

Right Out: -4.286+/-0.221 χ^2/NDF: 354.5/18

Left In: 0.059+/-0.522 χ^2/NDF:5.9/2

3.437+/-0.196 χ^2/NDF: 513.4/19

0.036+/-0.141 χ^2/NDF: 1555.8/41

-3.625+/-0.204 χ^2/NDF: 419.1/21

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: 22.700+/-0.578 χ^2/NDF:331.6/3

Right Out: -29.761+/-0.401 χ^2/NDF: 2131.8/18

Left In: -23.843+/-0.640 χ^2/NDF:113.1/2

27.087+/-0.338 χ^2/NDF: 1908.0/19

-0.324+/-0.240 χ^2/NDF: 17464.5/41

-28.088+/-0.340 χ^2/NDF: 2306.4/21

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: 9.975+/-0.540 χ^2/NDF:67.0/3

Right Out: -3.619+/-0.254 χ^2/NDF: 576.6/18

Left In: -15.078+/-0.608 χ^2/NDF:26.9/2

5.714+/-0.228 χ^2/NDF: 692.6/19

0.357+/-0.163 χ^2/NDF: 2738.7/41

-5.320+/-0.234 χ^2/NDF: 905.7/21

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: -27.491+/-0.024 χ^2/NDF:39621.4/3

Right Out: 18.395+/-0.015 χ^2/NDF: 301292.0/18

Left In: 26.780+/-0.025 χ^2/NDF:38717.6/2

-22.190+/-0.013 χ^2/NDF: 138182.5/19

-0.242+/-0.009 χ^2/NDF: 6128787.8/41

20.583+/-0.013 χ^2/NDF: 424720.2/21

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: -34.448+/-0.472 χ^2/NDF:533.1/4

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

Left In: 39.161+/-0.574 χ^2/NDF:98.8/2

-34.448+/-0.472 χ^2/NDF: 533.1/4

-4.754+/-0.365 χ^2/NDF: 10431.4/7

39.161+/-0.574 χ^2/NDF: 98.8/2

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 2.444+/-0.311 χ^2/NDF: 295.3/16

Left Out: 0.398+/-0.379 χ^2/NDF:228.1/4

Right Out: -3.708+/-0.326 χ^2/NDF: 270.1/19

Left In: 1.304+/-0.490 χ^2/NDF:15.5/2

1.620+/-0.240 χ^2/NDF: 540.8/21

-0.044+/-0.180 χ^2/NDF: 1007.8/44

-2.167+/-0.272 χ^2/NDF: 358.1/22

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: 67.998+/-0.504 χ^2/NDF:532.3/4

Right Out: -81.994+/-0.591 χ^2/NDF: 1574.1/19

Left In: -73.454+/-0.616 χ^2/NDF:88.0/2

71.733+/-0.378 χ^2/NDF: 2912.1/21

5.780+/-0.283 χ^2/NDF: 73597.3/44

-77.901+/-0.426 χ^2/NDF: 1762.3/22

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: 10.474+/-0.449 χ^2/NDF:297.4/4

Right Out: -3.611+/-0.375 χ^2/NDF: 424.7/19

Left In: -13.243+/-0.573 χ^2/NDF:39.3/2

7.394+/-0.280 χ^2/NDF: 761.8/21

1.243+/-0.209 χ^2/NDF: 2517.0/44

-6.496+/-0.314 χ^2/NDF: 662.0/22

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: -25.036+/-0.021 χ^2/NDF:9459.5/4

Right Out: 20.647+/-0.019 χ^2/NDF: 13896.5/19

Left In: 24.179+/-0.024 χ^2/NDF:9801.3/2

-22.693+/-0.014 χ^2/NDF: 46402.4/21

-1.958+/-0.010 χ^2/NDF: 4776470.7/44

22.035+/-0.015 χ^2/NDF: 36714.3/22

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: -34.546+/-0.473 χ^2/NDF:528.8/4

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

Left In: 39.147+/-0.575 χ^2/NDF:100.3/2

-34.546+/-0.473 χ^2/NDF: 528.8/4

-4.818+/-0.365 χ^2/NDF: 10437.8/7

39.147+/-0.575 χ^2/NDF: 100.3/2

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: 0.467+/-0.379 χ^2/NDF:225.5/4

Right Out: -3.593+/-0.318 χ^2/NDF: 280.6/19

Left In: 1.200+/-0.490 χ^2/NDF:14.9/2

1.651+/-0.241 χ^2/NDF: 535.2/21

-0.066+/-0.179 χ^2/NDF: 1011.5/44

-2.174+/-0.267 χ^2/NDF: 362.8/22

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: 68.119+/-0.504 χ^2/NDF:529.2/4

Right Out: -70.487+/-0.549 χ^2/NDF: 4400.5/19

Left In: -73.452+/-0.616 χ^2/NDF:89.2/2

71.852+/-0.379 χ^2/NDF: 2920.1/21

5.693+/-0.278 χ^2/NDF: 73715.9/44

-71.798+/-0.410 χ^2/NDF: 4502.6/22

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: 10.400+/-0.449 χ^2/NDF:296.1/4

Right Out: -3.303+/-0.365 χ^2/NDF: 427.7/19

Left In: -13.114+/-0.573 χ^2/NDF:38.8/2

7.363+/-0.280 χ^2/NDF: 756.8/21

1.260+/-0.207 χ^2/NDF: 2484.4/44

-6.130+/-0.308 χ^2/NDF: 674.9/22

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: -25.044+/-0.021 χ^2/NDF:9429.4/4

Right Out: 17.594+/-0.018 χ^2/NDF: 178696.7/19

Left In: 24.189+/-0.024 χ^2/NDF:9793.5/2

-22.698+/-0.014 χ^2/NDF: 46468.0/21

-1.916+/-0.010 χ^2/NDF: 4762632.0/44

19.951+/-0.014 χ^2/NDF: 236476.5/22

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: -5.846+/-0.159 χ^2/NDF:638.0/4

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

Left In: 4.311+/-0.185 χ^2/NDF:40.6/2

-5.846+/-0.159 χ^2/NDF: 638.0/4

-1.535+/-0.121 χ^2/NDF: 2404.6/7

4.311+/-0.185 χ^2/NDF: 40.6/2

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: 1.822+/-0.129 χ^2/NDF:770.8/4

Right Out: 7.056+/-0.059 χ^2/NDF: 12352.9/19

Left In: -1.338+/-0.166 χ^2/NDF:992.4/2

-4.303+/-0.050 χ^2/NDF: 12706.4/21

0.390+/-0.037 χ^2/NDF: 47590.7/44

6.108+/-0.056 χ^2/NDF: 15626.5/22

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: 1.673+/-0.170 χ^2/NDF:985.6/4

Right Out: -6.054+/-0.093 χ^2/NDF: 2669.9/19

Left In: 0.742+/-0.199 χ^2/NDF:98.6/2

4.922+/-0.079 χ^2/NDF: 2904.8/21

0.357+/-0.058 χ^2/NDF: 13716.6/44

-4.829+/-0.084 χ^2/NDF: 3725.5/22

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: 51.394+/-0.152 χ^2/NDF:539.3/4

Right Out: -10.072+/-0.070 χ^2/NDF: 121911.4/19

Left In: -51.499+/-0.192 χ^2/NDF:566.2/2

13.335+/-0.060 χ^2/NDF: 198171.4/21

0.579+/-0.044 χ^2/NDF: 463308.6/44

-14.890+/-0.066 χ^2/NDF: 163524.5/22

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: 0.201+/-0.007 χ^2/NDF:142.0/4

Right Out: -0.186+/-0.003 χ^2/NDF: 2726.9/19

Left In: -0.179+/-0.008 χ^2/NDF:21.8/2

0.213+/-0.003 χ^2/NDF: 4075.8/21

0.012+/-0.002 χ^2/NDF: 18980.5/44

-0.185+/-0.003 χ^2/NDF: 2749.5/22

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected

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

Left Out: -0.356+/-0.306 χ^2/NDF:55.8/4

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

Left In: 1.418+/-0.344 χ^2/NDF:3.2/2

-0.356+/-0.306 χ^2/NDF: 55.8/4

0.428+/-0.228 χ^2/NDF: 73.9/7

1.418+/-0.344 χ^2/NDF: 3.2/2

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: -57.959+/-0.254 χ^2/NDF:137.0/4

Right Out: 59.475+/-0.212 χ^2/NDF: 2913.9/19

Left In: 58.316+/-0.325 χ^2/NDF:276.0/2

-59.062+/-0.168 χ^2/NDF: 2150.0/21

-3.379+/-0.122 χ^2/NDF: 239912.2/44

59.128+/-0.177 χ^2/NDF: 3198.8/22

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: -6.828+/-0.327 χ^2/NDF:20.9/4

Right Out: -2.721+/-0.387 χ^2/NDF: 59.5/19

Left In: 5.810+/-0.369 χ^2/NDF:16.0/2

-3.261+/-0.254 χ^2/NDF: 360.9/21

-0.878+/-0.184 χ^2/NDF: 876.0/44

1.754+/-0.267 χ^2/NDF: 330.1/22

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -32.817+/-0.254 χ^2/NDF: 4666.6/16

Left Out: -37.722+/-0.298 χ^2/NDF:157.8/4

Right Out: 32.501+/-0.244 χ^2/NDF: 6037.9/19

Left In: 36.707+/-0.373 χ^2/NDF:164.9/2

-34.880+/-0.193 χ^2/NDF: 4981.3/21

-2.430+/-0.140 χ^2/NDF: 70865.4/44

33.758+/-0.204 χ^2/NDF: 6291.7/22

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: 0.212+/-0.013 χ^2/NDF:67.2/4

Right Out: -0.059+/-0.012 χ^2/NDF: 88.8/19

Left In: -0.232+/-0.014 χ^2/NDF:54.9/2

0.149+/-0.009 χ^2/NDF: 190.7/21

0.009+/-0.006 χ^2/NDF: 889.2/44

-0.132+/-0.009 χ^2/NDF: 230.1/22

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: -10.711+/-0.285 χ^2/NDF:1470.9/4

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

Left In: 8.010+/-0.344 χ^2/NDF:100.3/2

-10.711+/-0.285 χ^2/NDF: 1470.9/4

-3.096+/-0.219 χ^2/NDF: 3329.2/7

8.010+/-0.344 χ^2/NDF: 100.3/2

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: 4.752+/-0.222 χ^2/NDF:316.8/4

Right Out: -3.890+/-0.316 χ^2/NDF: 134.5/19

Left In: -4.990+/-0.266 χ^2/NDF:25.9/2

4.401+/-0.180 χ^2/NDF: 460.8/21

0.473+/-0.135 χ^2/NDF: 1708.4/44

-4.533+/-0.203 χ^2/NDF: 167.4/22

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: -57.661+/-0.304 χ^2/NDF:758.0/4

Right Out: 57.320+/-0.535 χ^2/NDF: 479.3/19

Left In: 59.392+/-0.368 χ^2/NDF:904.7/2

-57.354+/-0.265 χ^2/NDF: 1349.6/21

-7.074+/-0.200 χ^2/NDF: 85758.6/44

58.725+/-0.303 χ^2/NDF: 1394.1/22

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: 2.589+/-0.263 χ^2/NDF:358.1/4

Right Out: -1.936+/-0.354 χ^2/NDF: 266.8/19

Left In: -2.027+/-0.315 χ^2/NDF:14.8/2

2.546+/-0.209 χ^2/NDF: 601.8/21

0.547+/-0.156 χ^2/NDF: 1090.6/44

-1.987+/-0.235 χ^2/NDF: 281.6/22

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: 0.365+/-0.012 χ^2/NDF:16.3/4

Right Out: 0.392+/-0.019 χ^2/NDF: 854.1/19

Left In: -0.345+/-0.015 χ^2/NDF:0.1/2

0.186+/-0.010 χ^2/NDF: 1683.1/21

0.079+/-0.008 χ^2/NDF: 3719.2/44

-0.061+/-0.012 χ^2/NDF: 1784.8/22

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: -24.510+/-0.143 χ^2/NDF:2186.2/4

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

Left In: 24.546+/-0.174 χ^2/NDF:280.8/2

-24.510+/-0.143 χ^2/NDF: 2186.2/4

-4.744+/-0.111 χ^2/NDF: 49790.3/7

24.546+/-0.174 χ^2/NDF: 280.8/2

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: -7.084+/-0.113 χ^2/NDF:95.6/4

Right Out: 7.985+/-0.186 χ^2/NDF: 226.1/19

Left In: 7.708+/-0.133 χ^2/NDF:54.5/2

-7.236+/-0.096 χ^2/NDF: 495.9/21

-0.573+/-0.072 χ^2/NDF: 11557.4/44

7.802+/-0.108 χ^2/NDF: 282.1/22

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: -6.020+/-0.152 χ^2/NDF:1707.1/4

Right Out: -12.620+/-0.332 χ^2/NDF: 220.0/19

Left In: 5.614+/-0.187 χ^2/NDF:1423.8/2

-3.290+/-0.139 χ^2/NDF: 3857.1/21

-1.387+/-0.106 χ^2/NDF: 8240.9/44

1.231+/-0.163 χ^2/NDF: 3936.8/22

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: 20.903+/-0.133 χ^2/NDF:57.9/4

Right Out: -20.718+/-0.212 χ^2/NDF: 729.9/19

Left In: -22.017+/-0.157 χ^2/NDF:60.1/2

20.921+/-0.112 χ^2/NDF: 1283.4/21

2.213+/-0.084 χ^2/NDF: 65266.7/44

-21.557+/-0.126 χ^2/NDF: 814.2/22

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: -0.098+/-0.006 χ^2/NDF:85.6/4

Right Out: 0.221+/-0.011 χ^2/NDF: 538.9/19

Left In: 0.074+/-0.008 χ^2/NDF:40.8/2

-0.115+/-0.005 χ^2/NDF: 583.0/21

-0.015+/-0.004 χ^2/NDF: 2114.4/44

0.122+/-0.006 χ^2/NDF: 702.2/22

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected

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

Left Out: -9.696+/-0.252 χ^2/NDF:673.1/4

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

Left In: 7.766+/-0.313 χ^2/NDF:112.9/2

-9.696+/-0.252 χ^2/NDF: 673.1/4

-2.829+/-0.196 χ^2/NDF: 2674.4/7

7.766+/-0.313 χ^2/NDF: 112.9/2

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: 4.650+/-0.197 χ^2/NDF:80.9/4

Right Out: -6.048+/-0.433 χ^2/NDF: 1512.2/19

Left In: -4.253+/-0.243 χ^2/NDF:605.9/2

5.247+/-0.177 χ^2/NDF: 1486.7/21

1.168+/-0.136 χ^2/NDF: 4909.8/44

-4.683+/-0.212 χ^2/NDF: 2131.1/22

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: -44.351+/-0.270 χ^2/NDF:1500.9/4

Right Out: 49.538+/-0.795 χ^2/NDF: 510.8/19

Left In: 46.332+/-0.335 χ^2/NDF:1258.6/2

-45.130+/-0.253 χ^2/NDF: 1904.5/21

-8.203+/-0.196 χ^2/NDF: 56652.1/44

46.817+/-0.309 χ^2/NDF: 1783.2/22

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: -30.808+/-0.233 χ^2/NDF:2565.6/4

Right Out: 64.401+/-0.481 χ^2/NDF: 1611.2/19

Left In: 29.380+/-0.287 χ^2/NDF:775.9/2

-37.848+/-0.206 χ^2/NDF: 8854.3/21

-6.430+/-0.158 χ^2/NDF: 71628.9/44

38.586+/-0.247 χ^2/NDF: 6288.6/22

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: 0.527+/-0.011 χ^2/NDF:115.2/4

Right Out: 0.055+/-0.026 χ^2/NDF: 1168.0/19

Left In: -0.598+/-0.014 χ^2/NDF:47.1/2

0.462+/-0.010 χ^2/NDF: 1311.2/21

0.093+/-0.008 χ^2/NDF: 6492.8/44

-0.458+/-0.012 χ^2/NDF: 1704.3/22

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: -39.710+/-0.729 χ^2/NDF:35.4/4

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

Left In: 33.679+/-0.897 χ^2/NDF:32.3/2

-39.710+/-0.729 χ^2/NDF: 35.4/4

-10.483+/-0.566 χ^2/NDF: 4098.3/7

33.679+/-0.897 χ^2/NDF: 32.3/2

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: -42.788+/-0.582 χ^2/NDF:45.4/4

Right Out: 49.031+/-0.763 χ^2/NDF: 1272.0/19

Left In: 45.107+/-0.757 χ^2/NDF:726.2/2

-44.168+/-0.453 χ^2/NDF: 1143.7/21

-6.264+/-0.346 χ^2/NDF: 19995.3/44

47.054+/-0.537 χ^2/NDF: 2011.6/22

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: -92.678+/-0.780 χ^2/NDF:21.8/4

Right Out: 61.216+/-1.377 χ^2/NDF: 166.5/19

Left In: 98.177+/-0.961 χ^2/NDF:44.9/2

-84.707+/-0.671 χ^2/NDF: 487.6/21

-13.014+/-0.511 χ^2/NDF: 28416.9/44

86.069+/-0.788 χ^2/NDF: 695.7/22

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: -103.194+/-0.689 χ^2/NDF:73.2/4

Right Out: 104.240+/-0.860 χ^2/NDF: 1019.1/19

Left In: 98.908+/-0.887 χ^2/NDF:559.1/2

-104.817+/-0.525 χ^2/NDF: 914.8/21

-18.126+/-0.400 χ^2/NDF: 67380.0/44

101.657+/-0.617 χ^2/NDF: 1596.9/22

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: 0.712+/-0.032 χ^2/NDF:71.9/4

Right Out: 0.375+/-0.044 χ^2/NDF: 583.4/19

Left In: -0.902+/-0.038 χ^2/NDF:21.4/2

0.425+/-0.025 χ^2/NDF: 627.0/21

0.081+/-0.019 χ^2/NDF: 2136.8/44

-0.358+/-0.029 χ^2/NDF: 1090.8/22

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: -32.068+/-0.528 χ^2/NDF:1474.2/4

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

Left In: 25.588+/-0.642 χ^2/NDF:75.1/2

-32.068+/-0.528 χ^2/NDF: 1474.2/4

-8.800+/-0.408 χ^2/NDF: 6357.7/7

25.588+/-0.642 χ^2/NDF: 75.1/2

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: -2.320+/-0.414 χ^2/NDF:788.0/4

Right Out: 5.880+/-0.429 χ^2/NDF: 1295.1/19

Left In: 3.091+/-0.514 χ^2/NDF:661.5/2

-4.981+/-0.297 χ^2/NDF: 1855.9/21

-0.614+/-0.221 χ^2/NDF: 4309.6/44

4.736+/-0.329 χ^2/NDF: 1974.0/22

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: -71.904+/-0.563 χ^2/NDF:471.3/4

Right Out: 60.598+/-0.703 χ^2/NDF: 1389.8/19

Left In: 78.589+/-0.688 χ^2/NDF:341.4/2

-67.279+/-0.449 χ^2/NDF: 2376.8/21

-4.945+/-0.332 χ^2/NDF: 46822.0/44

69.796+/-0.492 χ^2/NDF: 2065.7/22

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: 116.220+/-0.491 χ^2/NDF:698.5/4

Right Out: -107.289+/-0.487 χ^2/NDF: 7042.4/19

Left In: -115.115+/-0.606 χ^2/NDF:408.5/2

113.890+/-0.345 χ^2/NDF: 6702.8/21

12.312+/-0.256 χ^2/NDF: 205109.1/44

-110.362+/-0.380 χ^2/NDF: 7552.2/22

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: 0.148+/-0.023 χ^2/NDF:120.9/4

Right Out: 0.815+/-0.024 χ^2/NDF: 1318.8/19

Left In: -0.001+/-0.028 χ^2/NDF:22.9/2

-0.222+/-0.017 χ^2/NDF: 1710.5/21

0.096+/-0.012 χ^2/NDF: 4285.7/44

0.458+/-0.018 χ^2/NDF: 1834.5/22

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: -37.325+/-0.455 χ^2/NDF:899.4/4

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

Left In: 32.419+/-0.543 χ^2/NDF:48.8/2

-37.325+/-0.455 χ^2/NDF: 899.4/4

-8.597+/-0.349 χ^2/NDF: 10643.0/7

32.419+/-0.543 χ^2/NDF: 48.8/2

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: 34.518+/-0.362 χ^2/NDF:372.0/4

Right Out: -33.199+/-0.379 χ^2/NDF: 771.6/19

Left In: -33.465+/-0.447 χ^2/NDF:152.7/2

33.438+/-0.260 χ^2/NDF: 842.5/21

3.614+/-0.193 χ^2/NDF: 31281.9/44

-33.310+/-0.289 χ^2/NDF: 924.5/22

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: -38.525+/-0.484 χ^2/NDF:247.9/4

Right Out: 18.348+/-0.643 χ^2/NDF: 474.3/19

Left In: 42.963+/-0.582 χ^2/NDF:271.3/2

-31.668+/-0.392 χ^2/NDF: 1346.7/21

-2.966+/-0.290 χ^2/NDF: 14793.6/44

31.873+/-0.431 χ^2/NDF: 1551.5/22

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: 77.443+/-0.427 χ^2/NDF:602.1/4

Right Out: -70.844+/-0.433 χ^2/NDF: 5491.4/19

Left In: -76.267+/-0.524 χ^2/NDF:160.7/2

75.151+/-0.302 χ^2/NDF: 5397.4/21

8.541+/-0.224 χ^2/NDF: 119621.4/44

-73.041+/-0.334 χ^2/NDF: 5715.7/22

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: -0.172+/-0.020 χ^2/NDF:67.4/4

Right Out: 0.563+/-0.021 χ^2/NDF: 565.2/19

Left In: 0.243+/-0.023 χ^2/NDF:24.1/2

-0.315+/-0.015 χ^2/NDF: 492.3/21

0.027+/-0.011 χ^2/NDF: 2334.3/44

0.415+/-0.016 χ^2/NDF: 692.3/22

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: -14.409+/-0.170 χ^2/NDF:155.0/4

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

Left In: 13.785+/-0.204 χ^2/NDF:33.3/2

-14.409+/-0.170 χ^2/NDF: 155.0/4

-2.797+/-0.131 χ^2/NDF: 11461.1/7

13.785+/-0.204 χ^2/NDF: 33.3/2

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: -32.226+/-0.138 χ^2/NDF:35.8/4

Right Out: 34.279+/-0.151 χ^2/NDF: 1349.6/19

Left In: 32.768+/-0.177 χ^2/NDF:301.4/2

-33.057+/-0.102 χ^2/NDF: 1455.3/21

-3.609+/-0.076 χ^2/NDF: 192096.7/44

33.643+/-0.115 χ^2/NDF: 1693.3/22

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: -8.067+/-0.182 χ^2/NDF:261.8/4

Right Out: -7.171+/-0.274 χ^2/NDF: 182.9/19

Left In: 8.564+/-0.218 χ^2/NDF:123.9/2

-3.839+/-0.151 χ^2/NDF: 2117.0/21

-1.085+/-0.113 χ^2/NDF: 5201.5/44

2.446+/-0.171 χ^2/NDF: 2323.6/22

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -5.553+/-0.170 χ^2/NDF: 2125.3/16

Left Out: -8.767+/-0.163 χ^2/NDF:50.2/4

Right Out: 4.783+/-0.173 χ^2/NDF: 2040.4/19

Left In: 7.526+/-0.206 χ^2/NDF:212.2/2

-7.226+/-0.118 χ^2/NDF: 2361.7/21

-1.422+/-0.088 χ^2/NDF: 10229.6/44

5.916+/-0.132 χ^2/NDF: 2356.8/22

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: 0.064+/-0.007 χ^2/NDF:127.8/4

Right Out: 0.102+/-0.008 χ^2/NDF: 438.8/19

Left In: -0.100+/-0.009 χ^2/NDF:56.7/2

0.010+/-0.006 χ^2/NDF: 466.8/21

0.007+/-0.004 χ^2/NDF: 1247.2/44

0.003+/-0.006 χ^2/NDF: 779.5/22

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: 3.217+/-0.156 χ^2/NDF:465.9/4

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

Left In: -1.590+/-0.190 χ^2/NDF:56.2/2

3.217+/-0.156 χ^2/NDF: 465.9/4

1.292+/-0.120 χ^2/NDF: 904.3/7

-1.590+/-0.190 χ^2/NDF: 56.2/2

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: -1.927+/-0.123 χ^2/NDF:34.2/4

Right Out: 3.531+/-0.154 χ^2/NDF: 295.0/19

Left In: 2.416+/-0.152 χ^2/NDF:53.6/2

-2.316+/-0.096 χ^2/NDF: 206.7/21

0.004+/-0.072 χ^2/NDF: 1914.8/44

2.964+/-0.108 χ^2/NDF: 375.2/22

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 29.969+/-0.267 χ^2/NDF: 554.3/16

Left Out: 28.981+/-0.166 χ^2/NDF:1427.9/4

Right Out: -31.013+/-0.260 χ^2/NDF: 480.6/19

Left In: -30.071+/-0.204 χ^2/NDF:797.8/2

29.257+/-0.141 χ^2/NDF: 1992.1/21

3.230+/-0.106 χ^2/NDF: 81326.3/44

-30.431+/-0.160 χ^2/NDF: 1286.5/22

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: 24.553+/-0.145 χ^2/NDF:219.3/4

Right Out: -12.455+/-0.173 χ^2/NDF: 6969.0/19

Left In: -24.927+/-0.179 χ^2/NDF:50.0/2

20.156+/-0.111 χ^2/NDF: 9837.5/21

3.093+/-0.083 χ^2/NDF: 73151.8/44

-18.498+/-0.125 χ^2/NDF: 9523.2/22

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: -0.068+/-0.007 χ^2/NDF:40.8/4

Right Out: -0.139+/-0.009 χ^2/NDF: 3016.8/19

Left In: 0.080+/-0.008 χ^2/NDF:8.5/2

0.025+/-0.005 χ^2/NDF: 1450.8/21

0.006+/-0.004 χ^2/NDF: 4816.6/44

-0.017+/-0.006 χ^2/NDF: 3339.8/22

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: -39.602+/-0.438 χ^2/NDF:419.2/4

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

Left In: 34.340+/-0.536 χ^2/NDF:66.1/2

-39.602+/-0.438 χ^2/NDF: 419.2/4

-9.992+/-0.339 χ^2/NDF: 11909.6/7

34.340+/-0.536 χ^2/NDF: 66.1/2

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: -3.653+/-0.340 χ^2/NDF:43.6/4

Right Out: 10.437+/-0.490 χ^2/NDF: 428.5/19

Left In: 4.593+/-0.427 χ^2/NDF:195.3/2

-5.273+/-0.274 χ^2/NDF: 520.0/21

-0.069+/-0.209 χ^2/NDF: 2082.5/44

7.113+/-0.322 χ^2/NDF: 704.6/22

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: -65.344+/-0.468 χ^2/NDF:164.7/4

Right Out: 43.337+/-0.864 χ^2/NDF: 155.8/19

Left In: 69.406+/-0.573 χ^2/NDF:179.3/2

-60.019+/-0.408 χ^2/NDF: 805.6/21

-8.806+/-0.310 χ^2/NDF: 39134.6/44

61.440+/-0.478 χ^2/NDF: 966.7/22

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: -12.599+/-0.405 χ^2/NDF:58.5/4

Right Out: 10.741+/-0.553 χ^2/NDF: 367.2/19

Left In: 12.310+/-0.504 χ^2/NDF:304.1/2

-12.504+/-0.319 χ^2/NDF: 534.6/21

-2.295+/-0.242 χ^2/NDF: 3622.4/44

11.596+/-0.373 χ^2/NDF: 675.7/22

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: 0.249+/-0.019 χ^2/NDF:21.7/4

Right Out: 0.478+/-0.028 χ^2/NDF: 631.3/19

Left In: -0.323+/-0.023 χ^2/NDF:3.3/2

0.068+/-0.016 χ^2/NDF: 670.6/21

0.036+/-0.012 χ^2/NDF: 1794.2/44

-0.007+/-0.018 χ^2/NDF: 1113.6/22

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: 10.490+/-0.230 χ^2/NDF:961.2/4

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

Left In: -7.919+/-0.275 χ^2/NDF:26.2/2

10.490+/-0.230 χ^2/NDF: 961.2/4

2.928+/-0.176 χ^2/NDF: 3627.8/7

-7.919+/-0.275 χ^2/NDF: 26.2/2

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: 3.267+/-0.183 χ^2/NDF:1188.9/4

Right Out: -8.437+/-0.213 χ^2/NDF: 6708.4/19

Left In: -2.659+/-0.233 χ^2/NDF:2765.5/2

5.275+/-0.140 χ^2/NDF: 6842.8/21

0.391+/-0.104 χ^2/NDF: 19427.4/44

-5.799+/-0.157 χ^2/NDF: 9809.2/22

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: 11.821+/-0.245 χ^2/NDF:1202.1/4

Right Out: -10.362+/-0.416 χ^2/NDF: 2283.0/19

Left In: -14.591+/-0.295 χ^2/NDF:35.2/2

10.735+/-0.211 χ^2/NDF: 3603.5/21

0.333+/-0.159 χ^2/NDF: 11576.9/44

-13.177+/-0.240 χ^2/NDF: 2387.0/22

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: -74.833+/-0.217 χ^2/NDF:2131.8/4

Right Out: 102.328+/-0.246 χ^2/NDF: 6085.1/19

Left In: 72.755+/-0.272 χ^2/NDF:1753.8/2

-86.049+/-0.163 χ^2/NDF: 12850.8/21

-8.265+/-0.122 χ^2/NDF: 538842.3/44

89.022+/-0.182 χ^2/NDF: 14340.9/22

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: 0.205+/-0.010 χ^2/NDF:307.4/4

Right Out: -0.177+/-0.013 χ^2/NDF: 975.8/19

Left In: -0.301+/-0.012 χ^2/NDF:81.9/2

0.231+/-0.008 χ^2/NDF: 983.6/21

0.015+/-0.006 χ^2/NDF: 3713.4/44

-0.248+/-0.009 χ^2/NDF: 1106.7/22

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: -19.015+/-0.324 χ^2/NDF:1389.0/4

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

Left In: 14.964+/-0.394 χ^2/NDF:75.2/2

-19.015+/-0.324 χ^2/NDF: 1389.0/4

-5.287+/-0.250 χ^2/NDF: 5895.3/7

14.964+/-0.394 χ^2/NDF: 75.2/2

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: -0.285+/-0.256 χ^2/NDF:873.3/4

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

Left In: 1.025+/-0.321 χ^2/NDF:805.1/2

-0.285+/-0.256 χ^2/NDF: 873.3/4

0.224+/-0.200 χ^2/NDF: 1688.6/7

1.025+/-0.321 χ^2/NDF: 805.1/2

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: -35.366+/-0.346 χ^2/NDF:562.1/4

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

Left In: 39.953+/-0.422 χ^2/NDF:269.6/2

-35.366+/-0.346 χ^2/NDF: 562.1/4

-5.101+/-0.268 χ^2/NDF: 19878.1/7

39.953+/-0.422 χ^2/NDF: 269.6/2

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: 83.940+/-0.303 χ^2/NDF:735.4/4

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

Left In: -83.624+/-0.378 χ^2/NDF:474.4/2

83.940+/-0.303 χ^2/NDF: 735.4/4

18.359+/-0.236 χ^2/NDF: 120933.9/7

-83.624+/-0.378 χ^2/NDF: 474.4/2

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: 0.175+/-0.014 χ^2/NDF:136.7/4

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

Left In: -0.087+/-0.017 χ^2/NDF:25.2/2

0.175+/-0.014 χ^2/NDF: 136.7/4

0.067+/-0.011 χ^2/NDF: 305.5/7

-0.087+/-0.017 χ^2/NDF: 25.2/2

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: -21.509+/-0.390 χ^2/NDF:1597.7/4

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

Left In: 17.154+/-0.473 χ^2/NDF:81.0/2

-21.509+/-0.390 χ^2/NDF: 1597.7/4

-5.844+/-0.301 χ^2/NDF: 5660.9/7

17.154+/-0.473 χ^2/NDF: 81.0/2

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

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

Left Out: 1.194+/-0.305 χ^2/NDF:619.5/4

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

Left In: -0.817+/-0.372 χ^2/NDF:334.3/2

1.194+/-0.305 χ^2/NDF: 619.5/4

0.386+/-0.236 χ^2/NDF: 971.3/7

-0.817+/-0.372 χ^2/NDF: 334.3/2

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: -65.497+/-0.416 χ^2/NDF:403.7/4

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

Left In: 69.337+/-0.506 χ^2/NDF:520.7/2

-65.497+/-0.416 χ^2/NDF: 403.7/4

-11.125+/-0.321 χ^2/NDF: 43303.7/7

69.337+/-0.506 χ^2/NDF: 520.7/2

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: 59.053+/-0.361 χ^2/NDF:463.4/4

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

Left In: -58.299+/-0.439 χ^2/NDF:190.9/2

59.053+/-0.361 χ^2/NDF: 463.4/4

11.768+/-0.279 χ^2/NDF: 43300.7/7

-58.299+/-0.439 χ^2/NDF: 190.9/2

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: 0.263+/-0.017 χ^2/NDF:70.1/4

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

Left In: -0.176+/-0.020 χ^2/NDF:10.7/2

0.263+/-0.017 χ^2/NDF: 70.1/4

0.085+/-0.013 χ^2/NDF: 355.1/7

-0.176+/-0.020 χ^2/NDF: 10.7/2

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: -7.783+/-0.134 χ^2/NDF:1599.6/4

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

Left In: 6.716+/-0.165 χ^2/NDF:159.6/2

-7.783+/-0.134 χ^2/NDF: 1599.6/4

-2.020+/-0.104 χ^2/NDF: 6418.9/7

6.716+/-0.165 χ^2/NDF: 159.6/2

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

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

Left Out: 3.003+/-0.104 χ^2/NDF:299.4/4

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

Left In: -2.327+/-0.128 χ^2/NDF:140.6/2

3.003+/-0.104 χ^2/NDF: 299.4/4

0.882+/-0.081 χ^2/NDF: 1479.6/7

-2.327+/-0.128 χ^2/NDF: 140.6/2

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: -23.206+/-0.143 χ^2/NDF:386.4/4

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

Left In: 24.411+/-0.177 χ^2/NDF:981.0/2

-23.206+/-0.143 χ^2/NDF: 386.4/4

-4.364+/-0.111 χ^2/NDF: 45327.5/7

24.411+/-0.177 χ^2/NDF: 981.0/2

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: 9.116+/-0.123 χ^2/NDF:1983.9/4

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

Left In: -10.141+/-0.152 χ^2/NDF:351.6/2

9.116+/-0.123 χ^2/NDF: 1983.9/4

1.441+/-0.096 χ^2/NDF: 12032.4/7

-10.141+/-0.152 χ^2/NDF: 351.6/2

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: 0.386+/-0.006 χ^2/NDF:30.4/4

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

Left In: -0.399+/-0.007 χ^2/NDF:9.7/2

0.386+/-0.006 χ^2/NDF: 30.4/4

0.075+/-0.004 χ^2/NDF: 7321.5/7

-0.399+/-0.007 χ^2/NDF: 9.7/2

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: -10.160+/-0.262 χ^2/NDF:1112.1/4

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

Left In: 7.858+/-0.321 χ^2/NDF:113.7/2

-10.160+/-0.262 χ^2/NDF: 1112.1/4

-2.934+/-0.203 χ^2/NDF: 3117.9/7

7.858+/-0.321 χ^2/NDF: 113.7/2

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

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

Left Out: 4.688+/-0.205 χ^2/NDF:148.7/4

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

Left In: -4.648+/-0.248 χ^2/NDF:91.2/2

4.688+/-0.205 χ^2/NDF: 148.7/4

0.905+/-0.158 χ^2/NDF: 1082.6/7

-4.648+/-0.248 χ^2/NDF: 91.2/2

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: -51.150+/-0.280 χ^2/NDF:1041.3/4

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

Left In: 52.867+/-0.343 χ^2/NDF:1101.7/2

-51.150+/-0.280 χ^2/NDF: 1041.3/4

-9.558+/-0.217 χ^2/NDF: 57198.2/7

52.867+/-0.343 χ^2/NDF: 1101.7/2

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: -14.457+/-0.242 χ^2/NDF:1044.0/4

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

Left In: 14.009+/-0.293 χ^2/NDF:191.8/2

-14.457+/-0.242 χ^2/NDF: 1044.0/4

-2.940+/-0.187 χ^2/NDF: 6837.6/7

14.009+/-0.293 χ^2/NDF: 191.8/2

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: 0.450+/-0.011 χ^2/NDF:33.6/4

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

Left In: -0.475+/-0.014 χ^2/NDF:11.1/2

0.450+/-0.011 χ^2/NDF: 33.6/4

0.084+/-0.009 χ^2/NDF: 2691.8/7

-0.475+/-0.014 χ^2/NDF: 11.1/2

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: 13.169+/-0.217 χ^2/NDF:1423.6/4

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

Left In: -10.490+/-0.262 χ^2/NDF:69.3/2

13.169+/-0.217 χ^2/NDF: 1423.6/4

3.568+/-0.167 χ^2/NDF: 6323.9/7

-10.490+/-0.262 χ^2/NDF: 69.3/2

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: 1.922+/-0.169 χ^2/NDF:603.4/4

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

Left In: -1.897+/-0.206 χ^2/NDF:452.1/2

1.922+/-0.169 χ^2/NDF: 603.4/4

0.388+/-0.131 χ^2/NDF: 1260.6/7

-1.897+/-0.206 χ^2/NDF: 452.1/2

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: 36.304+/-0.231 χ^2/NDF:410.6/4

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

Left In: -38.628+/-0.281 χ^2/NDF:455.2/2

36.304+/-0.231 χ^2/NDF: 410.6/4

6.030+/-0.179 χ^2/NDF: 43265.3/7

-38.628+/-0.281 χ^2/NDF: 455.2/2

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: -32.188+/-0.200 χ^2/NDF:579.4/4

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

Left In: 31.317+/-0.244 χ^2/NDF:311.1/2

-32.188+/-0.200 χ^2/NDF: 579.4/4

-6.596+/-0.155 χ^2/NDF: 41401.1/7

31.317+/-0.244 χ^2/NDF: 311.1/2

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: 0.029+/-0.009 χ^2/NDF:88.1/4

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

Left In: -0.086+/-0.011 χ^2/NDF:17.0/2

0.029+/-0.009 χ^2/NDF: 88.1/4

-0.017+/-0.007 χ^2/NDF: 166.4/7

-0.086+/-0.011 χ^2/NDF: 17.0/2

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: 10.128+/-0.170 χ^2/NDF:861.6/4

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

Left In: -8.033+/-0.204 χ^2/NDF:54.0/2

10.128+/-0.170 χ^2/NDF: 861.6/4

2.684+/-0.130 χ^2/NDF: 5611.1/7

-8.033+/-0.204 χ^2/NDF: 54.0/2

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: 3.452+/-0.136 χ^2/NDF:1002.8/4

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

Left In: -3.493+/-0.173 χ^2/NDF:1776.5/2

3.452+/-0.136 χ^2/NDF: 1002.8/4

0.818+/-0.107 χ^2/NDF: 3775.7/7

-3.493+/-0.173 χ^2/NDF: 1776.5/2

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: 5.732+/-0.181 χ^2/NDF:1140.7/4

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

Left In: -8.595+/-0.218 χ^2/NDF:74.0/2

5.732+/-0.181 χ^2/NDF: 1140.7/4

-0.108+/-0.139 χ^2/NDF: 3768.3/7

-8.595+/-0.218 χ^2/NDF: 74.0/2

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: -57.054+/-0.160 χ^2/NDF:1286.9/4

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

Left In: 56.303+/-0.203 χ^2/NDF:1085.6/2

-57.054+/-0.160 χ^2/NDF: 1286.9/4

-13.457+/-0.126 χ^2/NDF: 195047.1/7

56.303+/-0.203 χ^2/NDF: 1085.6/2

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: 0.115+/-0.007 χ^2/NDF:250.7/4

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

Left In: -0.169+/-0.009 χ^2/NDF:55.1/2

0.115+/-0.007 χ^2/NDF: 250.7/4

-0.004+/-0.006 χ^2/NDF: 935.4/7

-0.169+/-0.009 χ^2/NDF: 55.1/2

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected

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

Left Out: 2.800+/-0.170 χ^2/NDF:61.0/4

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

Left In: -1.659+/-0.210 χ^2/NDF:39.4/2

2.800+/-0.170 χ^2/NDF: 61.0/4

1.038+/-0.132 χ^2/NDF: 372.0/7

-1.659+/-0.210 χ^2/NDF: 39.4/2

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: -1.792+/-0.135 χ^2/NDF:180.0/4

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

Left In: 1.688+/-0.172 χ^2/NDF:1117.0/2

-1.792+/-0.135 χ^2/NDF: 180.0/4

-0.464+/-0.106 χ^2/NDF: 1550.1/7

1.688+/-0.172 χ^2/NDF: 1117.0/2

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: 23.003+/-0.182 χ^2/NDF:1896.7/4

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

Left In: -24.229+/-0.226 χ^2/NDF:741.9/2

23.003+/-0.182 χ^2/NDF: 1896.7/4

4.409+/-0.142 χ^2/NDF: 29199.8/7

-24.229+/-0.226 χ^2/NDF: 741.9/2

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: 41.766+/-0.159 χ^2/NDF:1542.1/4

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

Left In: -40.900+/-0.202 χ^2/NDF:808.8/2

41.766+/-0.159 χ^2/NDF: 1542.1/4

10.048+/-0.125 χ^2/NDF: 105720.0/7

-40.900+/-0.202 χ^2/NDF: 808.8/2

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: -0.156+/-0.007 χ^2/NDF:193.3/4

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

Left In: 0.209+/-0.009 χ^2/NDF:59.4/2

-0.156+/-0.007 χ^2/NDF: 193.3/4

-0.010+/-0.006 χ^2/NDF: 1238.2/7

0.209+/-0.009 χ^2/NDF: 59.4/2

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected

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

Left Out: -0.267+/-0.061 χ^2/NDF:1275.1/4

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

Left In: -0.197+/-0.073 χ^2/NDF:4.9/2

-0.267+/-0.061 χ^2/NDF: 1275.1/4

-0.238+/-0.047 χ^2/NDF: 1280.6/7

-0.197+/-0.073 χ^2/NDF: 4.9/2

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: 0.151+/-0.049 χ^2/NDF:1657.3/4

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

Left In: -0.737+/-0.061 χ^2/NDF:6021.4/2

0.151+/-0.049 χ^2/NDF: 1657.3/4

-0.200+/-0.038 χ^2/NDF: 7808.3/7

-0.737+/-0.061 χ^2/NDF: 6021.4/2

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: -5.988+/-0.065 χ^2/NDF:1419.3/4

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

Left In: 6.004+/-0.078 χ^2/NDF:7.4/2

-5.988+/-0.065 χ^2/NDF: 1419.3/4

-1.080+/-0.050 χ^2/NDF: 15233.7/7

6.004+/-0.078 χ^2/NDF: 7.4/2

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: 17.228+/-0.058 χ^2/NDF:6056.8/4

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

Left In: -16.066+/-0.071 χ^2/NDF:4208.8/2

17.228+/-0.058 χ^2/NDF: 6056.8/4

3.981+/-0.045 χ^2/NDF: 142801.0/7

-16.066+/-0.071 χ^2/NDF: 4208.8/2

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: -0.087+/-0.003 χ^2/NDF:482.2/4

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

Left In: 0.130+/-0.003 χ^2/NDF:187.3/2

-0.087+/-0.003 χ^2/NDF: 482.2/4

0.003+/-0.002 χ^2/NDF: 3490.4/7

0.130+/-0.003 χ^2/NDF: 187.3/2

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: -8.412+/-0.175 χ^2/NDF:1805.4/4

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

Left In: 6.691+/-0.212 χ^2/NDF:98.6/2

-8.412+/-0.175 χ^2/NDF: 1805.4/4

-2.300+/-0.135 χ^2/NDF: 4918.9/7

6.691+/-0.212 χ^2/NDF: 98.6/2

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: 3.135+/-0.137 χ^2/NDF:645.6/4

Right Out: -0.235+/-0.174 χ^2/NDF: 280.0/19

Left In: -2.734+/-0.167 χ^2/NDF:218.3/2

2.128+/-0.106 χ^2/NDF: 1073.0/21

0.526+/-0.080 χ^2/NDF: 2196.4/44

-1.536+/-0.121 χ^2/NDF: 605.2/22

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -26.012+/-0.300 χ^2/NDF: 692.9/16

Left Out: -29.203+/-0.187 χ^2/NDF:393.7/4

Right Out: 26.866+/-0.297 χ^2/NDF: 585.2/19

Left In: 30.779+/-0.227 χ^2/NDF:598.1/2

-28.311+/-0.158 χ^2/NDF: 1168.4/21

-3.232+/-0.119 χ^2/NDF: 60108.0/44

29.333+/-0.180 χ^2/NDF: 1292.9/22

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: 26.916+/-0.162 χ^2/NDF:493.8/4

Right Out: -15.355+/-0.197 χ^2/NDF: 7290.4/19

Left In: -26.994+/-0.198 χ^2/NDF:106.3/2

22.451+/-0.124 χ^2/NDF: 9916.2/21

3.255+/-0.092 χ^2/NDF: 73827.9/44

-21.148+/-0.139 χ^2/NDF: 9140.3/22

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: 0.291+/-0.008 χ^2/NDF:52.5/4

Right Out: 0.133+/-0.010 χ^2/NDF: 1175.8/19

Left In: -0.261+/-0.009 χ^2/NDF:4.7/2

0.177+/-0.006 χ^2/NDF: 1718.5/21

0.060+/-0.005 χ^2/NDF: 4542.2/44

-0.088+/-0.007 χ^2/NDF: 1993.5/22

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: -21.002+/-0.347 χ^2/NDF:1505.9/4

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

Left In: 17.252+/-0.423 χ^2/NDF:99.6/2

-21.002+/-0.347 χ^2/NDF: 1505.9/4

-5.600+/-0.268 χ^2/NDF: 6489.5/7

17.252+/-0.423 χ^2/NDF: 99.6/2

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: 1.094+/-0.270 χ^2/NDF:446.5/4

Right Out: 4.638+/-0.426 χ^2/NDF: 301.7/19

Left In: -0.407+/-0.331 χ^2/NDF:73.3/2

-0.167+/-0.225 χ^2/NDF: 798.4/21

0.542+/-0.171 χ^2/NDF: 1284.1/44

1.494+/-0.261 χ^2/NDF: 462.6/22

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: -59.644+/-0.371 χ^2/NDF:346.9/4

Right Out: 64.574+/-0.749 χ^2/NDF: 445.5/19

Left In: 63.160+/-0.453 χ^2/NDF:644.2/2

-60.297+/-0.331 χ^2/NDF: 731.1/21

-8.045+/-0.252 χ^2/NDF: 60836.9/44

63.539+/-0.388 χ^2/NDF: 1092.2/22

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 28.425+/-0.457 χ^2/NDF: 3330.3/16

Left Out: 40.986+/-0.320 χ^2/NDF:414.4/4

Right Out: -27.512+/-0.477 χ^2/NDF: 3037.3/19

Left In: -41.240+/-0.391 χ^2/NDF:31.3/2

36.847+/-0.262 χ^2/NDF: 4251.1/21

5.707+/-0.198 χ^2/NDF: 40638.4/44

-35.723+/-0.303 χ^2/NDF: 3563.2/22

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: 0.359+/-0.015 χ^2/NDF:37.9/4

Right Out: 0.513+/-0.026 χ^2/NDF: 1174.1/19

Left In: -0.315+/-0.018 χ^2/NDF:2.1/2

0.176+/-0.013 χ^2/NDF: 1605.7/21

0.086+/-0.010 χ^2/NDF: 3588.3/44

-0.035+/-0.015 χ^2/NDF: 1867.1/22

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: 6.327+/-0.090 χ^2/NDF:1150.1/4

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

Left In: -5.267+/-0.110 χ^2/NDF:96.2/2

6.327+/-0.090 χ^2/NDF: 1150.1/4

1.688+/-0.069 χ^2/NDF: 7960.4/7

-5.267+/-0.110 χ^2/NDF: 96.2/2

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: 0.990+/-0.069 χ^2/NDF:267.2/4

Right Out: -2.355+/-0.122 χ^2/NDF: 337.5/19

Left In: -1.143+/-0.086 χ^2/NDF:7.6/2

1.213+/-0.060 χ^2/NDF: 601.2/21

0.058+/-0.045 χ^2/NDF: 1908.5/44

-1.542+/-0.070 χ^2/NDF: 411.0/22

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 17.418+/-0.212 χ^2/NDF: 366.8/16

Left Out: 15.238+/-0.096 χ^2/NDF:309.0/4

Right Out: -17.945+/-0.218 χ^2/NDF: 507.0/19

Left In: -16.273+/-0.117 χ^2/NDF:645.9/2

15.607+/-0.087 χ^2/NDF: 764.0/21

2.209+/-0.067 χ^2/NDF: 58934.6/44

-16.648+/-0.103 χ^2/NDF: 1198.5/22

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: -6.994+/-0.082 χ^2/NDF:346.5/4

Right Out: 4.478+/-0.137 χ^2/NDF: 1341.9/19

Left In: 7.117+/-0.101 χ^2/NDF:1.5/2

-6.283+/-0.069 χ^2/NDF: 2195.2/21

-1.023+/-0.053 χ^2/NDF: 17354.6/44

6.181+/-0.081 χ^2/NDF: 1584.5/22

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: -0.033+/-0.004 χ^2/NDF:24.2/4

Right Out: -0.183+/-0.007 χ^2/NDF: 1012.5/19

Left In: 0.027+/-0.005 χ^2/NDF:0.7/2

0.008+/-0.003 χ^2/NDF: 1565.6/21

-0.010+/-0.003 χ^2/NDF: 3216.2/44

-0.034+/-0.004 χ^2/NDF: 1586.7/22

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: -14.690+/-0.260 χ^2/NDF:1616.3/4

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

Left In: 11.974+/-0.316 χ^2/NDF:99.8/2

-14.690+/-0.260 χ^2/NDF: 1616.3/4

-3.936+/-0.201 χ^2/NDF: 5957.2/7

11.974+/-0.316 χ^2/NDF: 99.8/2

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: 2.102+/-0.203 χ^2/NDF:512.4/4

Right Out: 2.259+/-0.302 χ^2/NDF: 290.7/19

Left In: -1.560+/-0.248 χ^2/NDF:112.9/2

1.011+/-0.166 χ^2/NDF: 879.2/21

0.568+/-0.126 χ^2/NDF: 1394.9/44

-0.021+/-0.192 χ^2/NDF: 499.2/22

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -44.908+/-0.523 χ^2/NDF: 421.2/16

Left Out: -44.420+/-0.277 χ^2/NDF:361.5/4

Right Out: 46.126+/-0.527 χ^2/NDF: 455.9/19

Left In: 46.946+/-0.339 χ^2/NDF:633.3/2

-44.527+/-0.245 χ^2/NDF: 783.4/21

-5.739+/-0.186 χ^2/NDF: 60844.8/44

46.706+/-0.285 χ^2/NDF: 1090.9/22

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 23.073+/-0.326 χ^2/NDF: 4346.0/16

Left Out: 33.964+/-0.240 χ^2/NDF:440.1/4

Right Out: -22.175+/-0.339 χ^2/NDF: 4039.8/19

Left In: -34.121+/-0.293 χ^2/NDF:51.1/2

30.132+/-0.193 χ^2/NDF: 5509.4/21

4.575+/-0.146 χ^2/NDF: 50731.5/44

-29.015+/-0.222 χ^2/NDF: 4801.5/22

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: 0.325+/-0.011 χ^2/NDF:42.8/4

Right Out: 0.326+/-0.018 χ^2/NDF: 1189.1/19

Left In: -0.288+/-0.014 χ^2/NDF:2.9/2

0.180+/-0.009 χ^2/NDF: 1625.3/21

0.074+/-0.007 χ^2/NDF: 3833.7/44

-0.065+/-0.011 χ^2/NDF: 1921.9/22

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected

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

Left Out: -37.763+/-1.397 χ^2/NDF:708.9/4

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

Left In: 54.973+/-1.628 χ^2/NDF:65.6/2

-37.763+/-1.397 χ^2/NDF: 708.9/4

1.556+/-1.060 χ^2/NDF: 2642.9/7

54.973+/-1.628 χ^2/NDF: 65.6/2

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 16.512+/-0.847 χ^2/NDF: 519.6/16

Left Out: 6.184+/-1.165 χ^2/NDF:143.3/4

Right Out: -19.512+/-0.896 χ^2/NDF: 244.4/19

Left In: 0.424+/-1.455 χ^2/NDF:15.3/2

12.937+/-0.685 χ^2/NDF: 714.3/21

0.902+/-0.510 χ^2/NDF: 1801.2/44

-14.027+/-0.763 χ^2/NDF: 395.8/22

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 75.009+/-1.636 χ^2/NDF: 1999.3/16

Left Out: 71.907+/-1.491 χ^2/NDF:2061.6/4

Right Out: -93.051+/-1.705 χ^2/NDF: 2002.7/19

Left In: -106.483+/-1.747 χ^2/NDF:95.3/2

73.314+/-1.102 χ^2/NDF: 4062.9/21

-4.338+/-0.818 χ^2/NDF: 17251.4/44

-99.604+/-1.220 χ^2/NDF: 2128.3/22

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -33.005+/-0.972 χ^2/NDF: 493.1/16

Left Out: -5.574+/-1.369 χ^2/NDF:171.6/4

Right Out: 36.112+/-1.023 χ^2/NDF: 301.7/19

Left In: -6.766+/-1.689 χ^2/NDF:0.9/2

-23.814+/-0.792 χ^2/NDF: 931.7/21

-1.997+/-0.587 χ^2/NDF: 3388.1/44

24.603+/-0.875 χ^2/NDF: 774.2/22

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -8.751+/-0.059 χ^2/NDF: 576012.4/16

Left Out: -34.429+/-0.060 χ^2/NDF:122225.7/4

Right Out: 13.175+/-0.062 χ^2/NDF: 558691.6/19

Left In: 39.009+/-0.068 χ^2/NDF:37832.3/2

-21.277+/-0.042 χ^2/NDF: 791251.5/21

0.015+/-0.031 χ^2/NDF: 2022872.4/44

24.910+/-0.046 χ^2/NDF: 676415.5/22

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected

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

Left Out: -390.450+/-4.739 χ^2/NDF:2320.8/4

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

Left In: 570.963+/-6.197 χ^2/NDF:11.3/2

-390.450+/-4.739 χ^2/NDF: 2320.8/4

-35.635+/-3.764 χ^2/NDF: 17520.3/7

570.963+/-6.197 χ^2/NDF: 11.3/2

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -3.773+/-1.889 χ^2/NDF: 314.3/16

Left Out: -7.206+/-3.691 χ^2/NDF:14.0/4

Right Out: -1.265+/-1.918 χ^2/NDF: 303.7/19

Left In: -5.456+/-5.215 χ^2/NDF:9.7/2

-4.485+/-1.681 χ^2/NDF: 329.0/21

-3.217+/-1.229 χ^2/NDF: 644.3/44

-1.764+/-1.800 χ^2/NDF: 314.0/22

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 478.526+/-3.630 χ^2/NDF: 1629.0/16

Left Out: 350.616+/-5.061 χ^2/NDF:2746.7/4

Right Out: -474.721+/-3.526 χ^2/NDF: 2290.3/19

Left In: -563.719+/-6.642 χ^2/NDF:8.7/2

435.072+/-2.950 χ^2/NDF: 4797.5/21

-4.417+/-2.142 χ^2/NDF: 54179.7/44

-494.286+/-3.114 χ^2/NDF: 2439.0/22

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 117.585+/-2.193 χ^2/NDF: 706.9/16

Left Out: 127.303+/-4.382 χ^2/NDF:371.1/4

Right Out: -109.378+/-2.207 χ^2/NDF: 571.2/19

Left In: -171.972+/-6.115 χ^2/NDF:26.4/2

119.531+/-1.961 χ^2/NDF: 1081.9/21

8.166+/-1.425 χ^2/NDF: 8610.2/44

-116.590+/-2.076 χ^2/NDF: 690.3/22

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -216.796+/-0.136 χ^2/NDF: 146976.1/16

Left Out: -251.606+/-0.206 χ^2/NDF:517839.0/4

Right Out: 212.832+/-0.130 χ^2/NDF: 116424.5/19

Left In: 342.113+/-0.261 χ^2/NDF:9600.0/2

-227.327+/-0.113 χ^2/NDF: 684737.8/21

-0.675+/-0.081 χ^2/NDF: 9233320.6/44

238.492+/-0.116 χ^2/NDF: 322349.9/22

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected

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

Left Out: -84.598+/-1.508 χ^2/NDF:131.9/4

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

Left In: 86.474+/-1.779 χ^2/NDF:40.0/2

-84.598+/-1.508 χ^2/NDF: 131.9/4

-13.043+/-1.150 χ^2/NDF: 5553.1/7

86.474+/-1.779 χ^2/NDF: 40.0/2

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 18.279+/-0.906 χ^2/NDF: 204.6/16

Left Out: 12.913+/-1.240 χ^2/NDF:91.5/4

Right Out: -18.842+/-0.863 χ^2/NDF: 199.2/19

Left In: -3.520+/-1.562 χ^2/NDF:12.7/2

16.414+/-0.731 χ^2/NDF: 308.3/21

1.092+/-0.525 χ^2/NDF: 1501.1/44

-15.258+/-0.756 χ^2/NDF: 285.6/22

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 50.482+/-1.668 χ^2/NDF: 357.9/16

Left Out: 34.158+/-1.607 χ^2/NDF:114.1/4

Right Out: -44.466+/-1.599 χ^2/NDF: 539.4/19

Left In: -37.506+/-1.908 χ^2/NDF:41.5/2

42.018+/-1.157 χ^2/NDF: 521.6/21

2.593+/-0.841 χ^2/NDF: 3571.0/44

-41.595+/-1.225 χ^2/NDF: 588.8/22

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -33.292+/-1.033 χ^2/NDF: 289.1/16

Left Out: -14.983+/-1.460 χ^2/NDF:141.6/4

Right Out: 35.491+/-0.991 χ^2/NDF: 289.5/19

Left In: 1.075+/-1.817 χ^2/NDF:8.8/2

-27.185+/-0.843 χ^2/NDF: 535.5/21

-0.646+/-0.606 χ^2/NDF: 3154.8/44

27.598+/-0.870 χ^2/NDF: 574.9/22

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -21.476+/-0.059 χ^2/NDF: 49009.8/16

Left Out: -41.418+/-0.065 χ^2/NDF:9399.7/4

Right Out: 18.533+/-0.057 χ^2/NDF: 80812.7/19

Left In: 38.276+/-0.074 χ^2/NDF:11584.0/2

-30.417+/-0.044 χ^2/NDF: 110191.1/21

-3.348+/-0.031 χ^2/NDF: 1049800.2/44

25.914+/-0.045 χ^2/NDF: 136830.9/22

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected

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

Left Out: -422.938+/-4.355 χ^2/NDF:256.3/4

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

Left In: 463.802+/-5.332 χ^2/NDF:48.1/2

-422.938+/-4.355 χ^2/NDF: 256.3/4

-68.130+/-3.373 χ^2/NDF: 16893.4/7

463.802+/-5.332 χ^2/NDF: 48.1/2

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -17.765+/-2.781 χ^2/NDF: 363.9/16

Left Out: -13.552+/-3.428 χ^2/NDF:23.3/4

Right Out: 9.397+/-2.610 χ^2/NDF: 369.6/19

Left In: 5.397+/-4.451 χ^2/NDF:11.1/2

-16.092+/-2.160 χ^2/NDF: 388.1/21

-4.369+/-1.559 χ^2/NDF: 830.9/44

8.373+/-2.252 χ^2/NDF: 381.3/22

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 675.871+/-5.037 χ^2/NDF: 2586.4/16

Left Out: 570.536+/-4.651 χ^2/NDF:267.2/4

Right Out: -645.711+/-4.753 χ^2/NDF: 3130.1/19

Left In: -616.674+/-5.714 χ^2/NDF:38.4/2

619.018+/-3.417 χ^2/NDF: 3089.6/21

34.535+/-2.496 χ^2/NDF: 68979.4/44

-633.835+/-3.654 χ^2/NDF: 3183.8/22

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 175.341+/-3.203 χ^2/NDF: 638.5/16

Left Out: 169.027+/-4.072 χ^2/NDF:13.4/4

Right Out: -149.923+/-3.041 χ^2/NDF: 693.2/19

Left In: -157.294+/-5.224 χ^2/NDF:23.3/2

172.928+/-2.518 χ^2/NDF: 653.3/21

17.564+/-1.818 χ^2/NDF: 9331.4/44

-151.789+/-2.628 χ^2/NDF: 718.0/22

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -238.248+/-0.160 χ^2/NDF: 167125.9/16

Left Out: -294.804+/-0.190 χ^2/NDF:3764.4/4

Right Out: 226.735+/-0.151 χ^2/NDF: 102855.7/19

Left In: 289.132+/-0.226 χ^2/NDF:4479.0/2

-261.689+/-0.122 χ^2/NDF: 222727.3/21

-14.215+/-0.088 χ^2/NDF: 8773556.5/44

246.029+/-0.125 χ^2/NDF: 160146.0/22

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: -207.142+/-2.683 χ^2/NDF:2394.3/4

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

Left In: 312.869+/-3.531 χ^2/NDF:17.0/2

-207.142+/-2.683 χ^2/NDF: 2394.3/4

-16.838+/-2.136 χ^2/NDF: 16158.7/7

312.869+/-3.531 χ^2/NDF: 17.0/2

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: -1.912+/-2.096 χ^2/NDF:27.9/4

Right Out: -5.522+/-1.070 χ^2/NDF: 239.2/19

Left In: -3.549+/-3.006 χ^2/NDF:3.7/2

3.449+/-0.966 χ^2/NDF: 348.2/21

-0.741+/-0.698 χ^2/NDF: 630.7/44

-5.300+/-1.008 χ^2/NDF: 243.3/22

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: 194.346+/-2.865 χ^2/NDF:3753.3/4

Right Out: -195.472+/-1.921 χ^2/NDF: 8272.1/19

Left In: -335.189+/-3.786 χ^2/NDF:16.0/2

199.411+/-1.623 χ^2/NDF: 10512.2/21

-0.934+/-1.178 χ^2/NDF: 52074.6/44

-224.085+/-1.713 χ^2/NDF: 9371.0/22

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: 60.554+/-2.487 χ^2/NDF:261.3/4

Right Out: -33.038+/-1.251 χ^2/NDF: 554.5/19

Left In: -87.967+/-3.520 χ^2/NDF:18.6/2

44.394+/-1.129 χ^2/NDF: 1049.4/21

4.388+/-0.815 χ^2/NDF: 4460.9/44

-39.197+/-1.179 χ^2/NDF: 789.3/22

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: -137.111+/-0.116 χ^2/NDF:560045.9/4

Right Out: 54.995+/-0.060 χ^2/NDF: 1005108.5/19

Left In: 190.674+/-0.148 χ^2/NDF:17272.2/2

-75.403+/-0.054 χ^2/NDF: 2024742.8/21

-2.408+/-0.039 χ^2/NDF: 7451031.0/44

74.182+/-0.056 χ^2/NDF: 1741292.0/22

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: 193.547+/-2.285 χ^2/NDF:1593.0/4

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

Left In: -257.456+/-2.850 χ^2/NDF:11.8/2

193.547+/-2.285 χ^2/NDF: 1593.0/4

17.028+/-1.783 χ^2/NDF: 16846.9/7

-257.456+/-2.850 χ^2/NDF: 11.8/2

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: 6.863+/-1.795 χ^2/NDF:26.2/4

Right Out: -10.871+/-0.915 χ^2/NDF: 303.1/19

Left In: 1.593+/-2.379 χ^2/NDF:20.2/2

12.059+/-0.818 χ^2/NDF: 332.0/21

1.848+/-0.591 χ^2/NDF: 1004.4/44

-9.266+/-0.854 χ^2/NDF: 347.2/22

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: -164.138+/-2.441 χ^2/NDF:1185.9/4

Right Out: 186.017+/-1.696 χ^2/NDF: 1755.3/19

Left In: 227.669+/-3.054 χ^2/NDF:12.5/2

-188.461+/-1.438 χ^2/NDF: 1961.4/21

-2.214+/-1.032 χ^2/NDF: 38483.3/44

195.836+/-1.483 χ^2/NDF: 1909.9/22

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: -73.615+/-2.127 χ^2/NDF:436.3/4

Right Out: 72.548+/-1.052 χ^2/NDF: 608.0/19

Left In: 84.279+/-2.791 χ^2/NDF:34.9/2

-77.022+/-0.953 χ^2/NDF: 1097.7/21

-3.978+/-0.685 χ^2/NDF: 13908.8/44

74.008+/-0.984 χ^2/NDF: 658.4/22

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: 120.664+/-0.099 χ^2/NDF:327978.4/4

Right Out: -85.132+/-0.064 χ^2/NDF: 423532.0/19

Left In: -150.640+/-0.121 χ^2/NDF:2497.1/2

109.028+/-0.057 χ^2/NDF: 622194.8/21

2.772+/-0.040 χ^2/NDF: 8002352.5/44

-99.396+/-0.056 χ^2/NDF: 656806.3/22

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: -253.880+/-2.537 χ^2/NDF:305.6/4

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

Left In: 275.355+/-3.086 χ^2/NDF:48.9/2

-253.880+/-2.537 χ^2/NDF: 305.6/4

-40.417+/-1.960 χ^2/NDF: 17904.5/7

275.355+/-3.086 χ^2/NDF: 48.9/2

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: -0.320+/-2.011 χ^2/NDF:46.0/4

Right Out: -2.131+/-1.401 χ^2/NDF: 232.6/19

Left In: 0.104+/-2.596 χ^2/NDF:4.3/2

-1.068+/-1.209 χ^2/NDF: 272.3/21

-1.342+/-0.863 χ^2/NDF: 509.9/44

-1.627+/-1.233 χ^2/NDF: 237.5/22

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: 302.358+/-2.708 χ^2/NDF:304.3/4

Right Out: -345.577+/-2.558 χ^2/NDF: 3426.4/19

Left In: -327.271+/-3.307 χ^2/NDF:40.6/2

336.647+/-1.933 χ^2/NDF: 3064.4/21

14.472+/-1.398 χ^2/NDF: 64807.9/44

-338.723+/-2.023 χ^2/NDF: 3486.2/22

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: 76.836+/-2.388 χ^2/NDF:42.6/4

Right Out: -59.543+/-1.631 χ^2/NDF: 490.9/19

Left In: -76.951+/-3.043 χ^2/NDF:15.8/2

72.942+/-1.408 χ^2/NDF: 473.7/21

6.195+/-1.006 χ^2/NDF: 5598.7/44

-63.428+/-1.438 χ^2/NDF: 532.1/22

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: -168.246+/-0.111 χ^2/NDF:6637.7/4

Right Out: 116.401+/-0.083 χ^2/NDF: 167694.5/19

Left In: 163.816+/-0.130 χ^2/NDF:7814.2/2

-143.359+/-0.070 χ^2/NDF: 257311.0/21

-7.313+/-0.049 χ^2/NDF: 8215646.4/44

130.073+/-0.070 χ^2/NDF: 269928.5/22

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: 168.763+/-2.055 χ^2/NDF:144.9/4

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

Left In: -188.547+/-2.518 χ^2/NDF:46.8/2

168.763+/-2.055 χ^2/NDF: 144.9/4

25.977+/-1.592 χ^2/NDF: 12276.9/7

-188.547+/-2.518 χ^2/NDF: 46.8/2

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: 13.901+/-1.617 χ^2/NDF:11.4/4

Right Out: -14.027+/-1.391 χ^2/NDF: 436.7/19

Left In: -5.622+/-2.106 χ^2/NDF:23.9/2

16.903+/-1.092 χ^2/NDF: 458.8/21

3.579+/-0.795 χ^2/NDF: 1247.8/44

-11.474+/-1.160 χ^2/NDF: 471.7/22

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: -267.663+/-2.196 χ^2/NDF:160.5/4

Right Out: 310.471+/-2.519 χ^2/NDF: 2303.1/19

Left In: 289.453+/-2.699 χ^2/NDF:37.7/2

-290.307+/-1.696 χ^2/NDF: 2274.4/21

-19.138+/-1.247 χ^2/NDF: 60380.5/44

300.687+/-1.842 χ^2/NDF: 2373.3/22

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: -93.125+/-1.919 χ^2/NDF:11.1/4

Right Out: 93.622+/-1.610 χ^2/NDF: 827.1/19

Left In: 80.740+/-2.469 χ^2/NDF:34.5/2

-99.974+/-1.270 χ^2/NDF: 771.3/21

-10.806+/-0.924 χ^2/NDF: 12148.8/44

89.779+/-1.348 χ^2/NDF: 880.7/22

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: 125.927+/-0.090 χ^2/NDF:804.1/4

Right Out: -102.580+/-0.079 χ^2/NDF: 53154.7/19

Left In: -124.794+/-0.107 χ^2/NDF:1232.6/2

116.711+/-0.062 χ^2/NDF: 94185.1/21

7.007+/-0.044 χ^2/NDF: 6758855.0/44

-110.502+/-0.064 χ^2/NDF: 82301.5/22

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: -59.659+/-1.090 χ^2/NDF:483.0/4

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

Left In: 69.811+/-1.292 χ^2/NDF:81.7/2

-59.659+/-1.090 χ^2/NDF: 483.0/4

-5.839+/-0.833 χ^2/NDF: 6433.3/7

69.811+/-1.292 χ^2/NDF: 81.7/2

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: 8.436+/-0.902 χ^2/NDF:179.3/4

Right Out: -20.320+/-0.643 χ^2/NDF: 369.0/19

Left In: -1.275+/-1.149 χ^2/NDF:20.3/2

15.376+/-0.524 χ^2/NDF: 887.5/21

0.859+/-0.383 χ^2/NDF: 3133.6/44

-15.783+/-0.561 χ^2/NDF: 598.4/22

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: 49.732+/-1.161 χ^2/NDF:996.6/4

Right Out: -78.316+/-1.219 χ^2/NDF: 1543.3/19

Left In: -71.003+/-1.386 χ^2/NDF:100.1/2

60.751+/-0.844 χ^2/NDF: 2387.3/21

-1.653+/-0.620 χ^2/NDF: 15959.0/44

-75.126+/-0.915 χ^2/NDF: 1659.2/22

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: -8.941+/-1.062 χ^2/NDF:241.2/4

Right Out: 36.607+/-0.736 χ^2/NDF: 549.8/19

Left In: -3.100+/-1.335 χ^2/NDF:5.4/2

-25.857+/-0.605 χ^2/NDF: 1336.9/21

-0.916+/-0.441 χ^2/NDF: 6196.4/44

27.365+/-0.644 χ^2/NDF: 1233.5/22

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: -36.716+/-0.047 χ^2/NDF:56603.7/4

Right Out: 18.954+/-0.045 χ^2/NDF: 434204.7/19

Left In: 38.285+/-0.054 χ^2/NDF:36906.7/2

-25.985+/-0.032 χ^2/NDF: 629539.3/21

-1.273+/-0.024 χ^2/NDF: 2432272.4/44

26.984+/-0.035 χ^2/NDF: 547237.6/22

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: 21.739+/-0.966 χ^2/NDF:216.1/4

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

Left In: -14.918+/-1.114 χ^2/NDF:5.7/2

21.739+/-0.966 χ^2/NDF: 216.1/4

6.017+/-0.730 χ^2/NDF: 839.6/7

-14.918+/-1.114 χ^2/NDF: 5.7/2

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: -2.930+/-0.799 χ^2/NDF:12.7/4

Right Out: 0.361+/-0.656 χ^2/NDF: 84.0/19

Left In: 1.675+/-0.980 χ^2/NDF:2.8/2

-1.421+/-0.506 χ^2/NDF: 138.6/21

-0.409+/-0.371 χ^2/NDF: 235.3/44

0.768+/-0.545 χ^2/NDF: 88.0/22

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: 21.180+/-1.031 χ^2/NDF:1026.8/4

Right Out: -25.521+/-1.239 χ^2/NDF: 1382.7/19

Left In: -35.577+/-1.195 χ^2/NDF:13.6/2

19.604+/-0.792 χ^2/NDF: 1975.7/21

-3.498+/-0.583 χ^2/NDF: 5258.1/44

-30.730+/-0.860 χ^2/NDF: 1430.5/22

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: 4.280+/-0.939 χ^2/NDF:9.8/4

Right Out: -0.348+/-0.748 χ^2/NDF: 55.4/19

Left In: -3.717+/-1.139 χ^2/NDF:2.9/2

1.614+/-0.583 χ^2/NDF: 99.5/21

0.230+/-0.426 χ^2/NDF: 176.0/44

-1.363+/-0.625 χ^2/NDF: 64.4/22

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: 2.574+/-0.042 χ^2/NDF:64223.1/4

Right Out: -3.503+/-0.045 χ^2/NDF: 510579.7/19

Left In: 0.912+/-0.047 χ^2/NDF:3756.7/2

4.854+/-0.030 χ^2/NDF: 426705.8/21

1.966+/-0.022 χ^2/NDF: 965073.6/44

-1.346+/-0.033 χ^2/NDF: 518942.6/22

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: -397.810+/-4.109 χ^2/NDF:809.2/4

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

Left In: 517.208+/-5.620 χ^2/NDF:25.8/2

-397.810+/-4.109 χ^2/NDF: 809.2/4

-79.084+/-3.317 χ^2/NDF: 18109.9/7

517.208+/-5.620 χ^2/NDF: 25.8/2

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: -8.703+/-3.147 χ^2/NDF:18.5/4

Right Out: 5.349+/-2.261 χ^2/NDF: 344.6/19

Left In: 0.052+/-4.700 χ^2/NDF:10.2/2

-11.170+/-1.863 χ^2/NDF: 360.5/21

-4.104+/-1.375 χ^2/NDF: 748.0/44

4.353+/-2.038 χ^2/NDF: 355.8/22

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: 450.135+/-4.388 χ^2/NDF:924.9/4

Right Out: -567.992+/-4.130 χ^2/NDF: 2789.7/19

Left In: -590.025+/-6.023 χ^2/NDF:20.2/2

520.346+/-3.079 χ^2/NDF: 3559.4/21

27.818+/-2.284 χ^2/NDF: 63305.4/44

-575.038+/-3.406 χ^2/NDF: 2819.0/22

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: 141.415+/-3.746 χ^2/NDF:154.9/4

Right Out: -134.334+/-2.616 χ^2/NDF: 585.0/19

Left In: -164.819+/-5.516 χ^2/NDF:25.5/2

147.693+/-2.176 χ^2/NDF: 793.9/21

15.737+/-1.601 χ^2/NDF: 9442.7/44

-139.933+/-2.364 χ^2/NDF: 635.5/22

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: -264.725+/-0.179 χ^2/NDF:180261.1/4

Right Out: 226.707+/-0.141 χ^2/NDF: 99442.4/19

Left In: 315.910+/-0.238 χ^2/NDF:7337.1/2

-246.740+/-0.114 χ^2/NDF: 342554.8/21

-13.691+/-0.083 χ^2/NDF: 9445475.4/44

249.994+/-0.121 χ^2/NDF: 210985.7/22

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: 48.836+/-1.203 χ^2/NDF:1692.0/4

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

Left In: -52.438+/-1.326 χ^2/NDF:61.3/2

48.836+/-1.203 χ^2/NDF: 1692.0/4

3.112+/-0.891 χ^2/NDF: 4951.5/7

-52.438+/-1.326 χ^2/NDF: 61.3/2

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: -4.004+/-1.024 χ^2/NDF:17.8/4

Right Out: 7.231+/-0.761 χ^2/NDF: 257.6/19

Left In: 5.244+/-1.174 χ^2/NDF:10.7/2

-6.144+/-0.620 χ^2/NDF: 308.3/21

0.062+/-0.445 χ^2/NDF: 785.2/44

6.644+/-0.638 χ^2/NDF: 270.3/22

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: 33.378+/-1.284 χ^2/NDF:2039.0/4

Right Out: -115.570+/-1.357 χ^2/NDF: 2153.3/19

Left In: -27.465+/-1.423 χ^2/NDF:52.7/2

71.458+/-0.949 χ^2/NDF: 6139.4/21

1.424+/-0.682 χ^2/NDF: 21638.2/44

-73.605+/-0.982 χ^2/NDF: 4213.7/22

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: -4.426+/-1.201 χ^2/NDF:261.3/4

Right Out: -18.381+/-0.870 χ^2/NDF: 1077.2/19

Left In: 7.514+/-1.364 χ^2/NDF:14.4/2

12.805+/-0.715 χ^2/NDF: 1651.4/21

1.266+/-0.512 χ^2/NDF: 3534.6/44

-10.890+/-0.733 χ^2/NDF: 1347.8/22

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: 20.767+/-0.052 χ^2/NDF:345489.8/4

Right Out: 2.811+/-0.046 χ^2/NDF: 266885.9/19

Left In: -26.060+/-0.055 χ^2/NDF:8879.4/2

5.541+/-0.035 χ^2/NDF: 765030.0/21

-1.565+/-0.025 χ^2/NDF: 1290083.4/44

-8.932+/-0.035 χ^2/NDF: 438688.6/22

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: -229.873+/-2.500 χ^2/NDF:370.2/4

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

Left In: 260.320+/-3.125 χ^2/NDF:41.8/2

-229.873+/-2.500 χ^2/NDF: 370.2/4

-38.589+/-1.952 χ^2/NDF: 15412.5/7

260.320+/-3.125 χ^2/NDF: 41.8/2

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: -4.181+/-1.969 χ^2/NDF:45.8/4

Right Out: 2.544+/-1.397 χ^2/NDF: 218.1/19

Left In: 1.815+/-2.644 χ^2/NDF:3.6/2

-3.404+/-1.168 χ^2/NDF: 250.0/21

-0.672+/-0.849 χ^2/NDF: 483.3/44

2.385+/-1.235 χ^2/NDF: 221.8/22

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: 316.021+/-2.670 χ^2/NDF:437.7/4

Right Out: -262.101+/-2.455 χ^2/NDF: 8227.6/19

Left In: -362.739+/-3.350 χ^2/NDF:33.2/2

289.478+/-1.816 χ^2/NDF: 8284.4/21

21.431+/-1.338 χ^2/NDF: 64830.6/44

-297.257+/-1.980 χ^2/NDF: 8848.0/22

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: 82.087+/-2.338 χ^2/NDF:40.1/4

Right Out: -50.554+/-1.642 χ^2/NDF: 657.1/19

Left In: -80.599+/-3.099 χ^2/NDF:17.3/2

69.203+/-1.363 χ^2/NDF: 808.5/21

9.945+/-0.993 χ^2/NDF: 5584.1/44

-57.139+/-1.451 χ^2/NDF: 747.9/22

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: -163.096+/-0.109 χ^2/NDF:16531.6/4

Right Out: 55.585+/-0.072 χ^2/NDF: 970875.1/19

Left In: 164.648+/-0.132 χ^2/NDF:11792.9/2

-85.765+/-0.059 χ^2/NDF: 1960884.9/21

-8.049+/-0.043 χ^2/NDF: 7181400.6/44

80.634+/-0.063 χ^2/NDF: 1511611.6/22

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: 189.654+/-2.047 χ^2/NDF:146.6/4

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

Left In: -202.604+/-2.418 χ^2/NDF:62.2/2

189.654+/-2.047 χ^2/NDF: 146.6/4

25.856+/-1.562 χ^2/NDF: 15538.9/7

-202.604+/-2.418 χ^2/NDF: 62.2/2

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: 11.452+/-1.622 χ^2/NDF:24.7/4

Right Out: -16.427+/-1.228 χ^2/NDF: 426.3/19

Left In: -4.080+/-2.003 χ^2/NDF:25.0/2

17.723+/-1.048 χ^2/NDF: 436.0/21

2.314+/-0.741 χ^2/NDF: 1346.4/44

-13.053+/-1.047 χ^2/NDF: 479.0/22

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: -245.534+/-2.188 χ^2/NDF:405.8/4

Right Out: 276.276+/-2.320 χ^2/NDF: 3372.1/19

Left In: 252.734+/-2.590 χ^2/NDF:60.0/2

-282.015+/-1.664 χ^2/NDF: 1850.0/21

-18.534+/-1.199 χ^2/NDF: 57471.6/44

265.797+/-1.728 χ^2/NDF: 3477.9/22

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: -89.273+/-1.922 χ^2/NDF:21.7/4

Right Out: 88.548+/-1.433 χ^2/NDF: 970.2/19

Left In: 77.193+/-2.351 χ^2/NDF:30.9/2

-102.103+/-1.219 χ^2/NDF: 609.7/21

-8.619+/-0.864 χ^2/NDF: 13419.6/44

85.473+/-1.223 χ^2/NDF: 1018.1/22

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: 128.119+/-0.089 χ^2/NDF:15762.0/4

Right Out: -82.737+/-0.075 χ^2/NDF: 765998.9/19

Left In: -123.448+/-0.103 χ^2/NDF:93.2/2

127.648+/-0.063 χ^2/NDF: 203868.6/21

11.156+/-0.044 χ^2/NDF: 7661982.5/44

-96.947+/-0.061 χ^2/NDF: 868300.6/22

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: -235.541+/-2.677 χ^2/NDF:1843.7/4

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

Left In: 328.324+/-3.520 χ^2/NDF:18.5/2

-235.541+/-2.677 χ^2/NDF: 1843.7/4

-28.908+/-2.131 χ^2/NDF: 18122.4/7

328.324+/-3.520 χ^2/NDF: 18.5/2

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: 2.850+/-2.087 χ^2/NDF:27.3/4

Right Out: -9.491+/-1.073 χ^2/NDF: 231.6/19

Left In: -5.225+/-2.977 χ^2/NDF:3.0/2

6.343+/-0.962 χ^2/NDF: 291.8/21

-0.956+/-0.696 χ^2/NDF: 649.4/44

-9.001+/-1.010 χ^2/NDF: 236.4/22

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: 190.156+/-2.857 χ^2/NDF:2147.4/4

Right Out: -260.511+/-1.974 χ^2/NDF: 2548.2/19

Left In: -300.207+/-3.773 χ^2/NDF:16.1/2

242.322+/-1.677 χ^2/NDF: 4030.2/21

-2.571+/-1.211 χ^2/NDF: 51214.6/44

-269.045+/-1.749 χ^2/NDF: 2651.2/22

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: 54.848+/-2.478 χ^2/NDF:290.9/4

Right Out: -37.301+/-1.236 χ^2/NDF: 472.7/19

Left In: -84.413+/-3.488 χ^2/NDF:16.0/2

44.629+/-1.120 χ^2/NDF: 887.8/21

2.748+/-0.807 χ^2/NDF: 4450.2/44

-42.554+/-1.165 χ^2/NDF: 650.8/22

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: -145.113+/-0.116 χ^2/NDF:398156.7/4

Right Out: 105.911+/-0.073 χ^2/NDF: 324334.0/19

Left In: 190.136+/-0.148 χ^2/NDF:12595.8/2

-126.082+/-0.065 χ^2/NDF: 579026.7/21

-2.845+/-0.046 χ^2/NDF: 8471281.0/44

122.278+/-0.065 χ^2/NDF: 597639.9/22

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: 164.411+/-2.299 χ^2/NDF:2225.1/4

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

Left In: -242.623+/-2.907 χ^2/NDF:6.8/2

164.411+/-2.299 χ^2/NDF: 2225.1/4

7.849+/-1.803 χ^2/NDF: 14292.6/7

-242.623+/-2.907 χ^2/NDF: 6.8/2

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: 10.677+/-1.806 χ^2/NDF:12.2/4

Right Out: -9.499+/-1.049 χ^2/NDF: 296.4/19

Left In: -0.071+/-2.450 χ^2/NDF:21.4/2

12.082+/-0.911 χ^2/NDF: 360.8/21

2.592+/-0.662 χ^2/NDF: 921.0/44

-8.038+/-0.965 χ^2/NDF: 330.3/22

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: -171.523+/-2.456 χ^2/NDF:2661.9/4

Right Out: 212.094+/-1.921 χ^2/NDF: 1887.4/19

Left In: 263.477+/-3.117 χ^2/NDF:4.8/2

-199.959+/-1.554 χ^2/NDF: 4031.9/21

2.243+/-1.126 χ^2/NDF: 41820.9/44

226.239+/-1.635 χ^2/NDF: 2089.2/22

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: -76.982+/-2.141 χ^2/NDF:400.2/4

Right Out: 72.789+/-1.207 χ^2/NDF: 673.5/19

Left In: 87.960+/-2.871 χ^2/NDF:40.2/2

-77.254+/-1.060 χ^2/NDF: 1217.4/21

-4.810+/-0.767 χ^2/NDF: 11783.1/44

75.069+/-1.113 χ^2/NDF: 737.4/22

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: 112.775+/-0.100 χ^2/NDF:505809.8/4

Right Out: -87.312+/-0.068 χ^2/NDF: 221838.4/19

Left In: -151.584+/-0.123 χ^2/NDF:5406.3/2

102.809+/-0.059 χ^2/NDF: 615581.2/21

1.019+/-0.042 χ^2/NDF: 7038592.0/44

-102.484+/-0.060 χ^2/NDF: 437094.8/22

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: 175.103+/-1.927 χ^2/NDF:592.5/4

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

Left In: -222.561+/-2.531 χ^2/NDF:28.3/2

175.103+/-1.927 χ^2/NDF: 592.5/4

29.164+/-1.533 χ^2/NDF: 16250.2/7

-222.561+/-2.531 χ^2/NDF: 28.3/2

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: 9.264+/-1.486 χ^2/NDF:22.9/4

Right Out: -12.265+/-1.085 χ^2/NDF: 444.0/19

Left In: -2.243+/-2.103 χ^2/NDF:24.4/2

14.607+/-0.908 χ^2/NDF: 438.7/21

2.968+/-0.661 χ^2/NDF: 1274.9/44

-10.159+/-0.964 χ^2/NDF: 486.4/22

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: -210.662+/-2.059 χ^2/NDF:434.9/4

Right Out: 254.929+/-2.017 χ^2/NDF: 2042.0/19

Left In: 258.086+/-2.712 χ^2/NDF:25.2/2

-242.790+/-1.493 χ^2/NDF: 1858.6/21

-13.425+/-1.097 χ^2/NDF: 55262.7/44

256.053+/-1.618 χ^2/NDF: 2068.1/22

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: -79.012+/-1.766 χ^2/NDF:222.9/4

Right Out: 84.065+/-1.257 χ^2/NDF: 783.8/19

Left In: 82.891+/-2.469 χ^2/NDF:39.4/2

-89.342+/-1.059 χ^2/NDF: 951.2/21

-7.656+/-0.769 χ^2/NDF: 14397.9/44

83.823+/-1.120 χ^2/NDF: 823.3/22

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: 118.769+/-0.084 χ^2/NDF:133133.3/4

Right Out: -99.049+/-0.068 χ^2/NDF: 173463.3/19

Left In: -137.827+/-0.107 χ^2/NDF:2048.0/2

117.138+/-0.057 χ^2/NDF: 240229.9/21

4.689+/-0.041 χ^2/NDF: 8358932.6/44

-110.260+/-0.058 χ^2/NDF: 268327.6/22

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: 30.897+/-0.801 χ^2/NDF:1275.2/4

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

Left In: -34.165+/-0.893 χ^2/NDF:17.7/2

30.897+/-0.801 χ^2/NDF: 1275.2/4

1.867+/-0.596 χ^2/NDF: 4235.0/7

-34.165+/-0.893 χ^2/NDF: 17.7/2

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: -3.185+/-0.673 χ^2/NDF:20.6/4

Right Out: 4.780+/-0.585 χ^2/NDF: 193.6/19

Left In: 3.545+/-0.779 χ^2/NDF:1.8/2

-4.072+/-0.439 χ^2/NDF: 198.4/21

-0.133+/-0.320 χ^2/NDF: 567.2/44

4.336+/-0.468 χ^2/NDF: 197.0/22

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: 34.265+/-0.855 χ^2/NDF:1030.0/4

Right Out: -75.855+/-1.067 χ^2/NDF: 1895.1/19

Left In: -31.008+/-0.957 χ^2/NDF:9.4/2

47.714+/-0.669 χ^2/NDF: 3518.1/21

1.412+/-0.488 χ^2/NDF: 16601.3/44

-51.018+/-0.712 χ^2/NDF: 2883.6/22

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: 1.170+/-0.789 χ^2/NDF:268.7/4

Right Out: -12.058+/-0.663 χ^2/NDF: 543.4/19

Left In: 1.840+/-0.907 χ^2/NDF:3.0/2

7.301+/-0.506 χ^2/NDF: 849.2/21

0.459+/-0.368 χ^2/NDF: 1937.2/44

-7.216+/-0.535 χ^2/NDF: 699.4/22

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: 8.728+/-0.035 χ^2/NDF:221684.5/4

Right Out: 0.673+/-0.037 χ^2/NDF: 361828.1/19

Left In: -12.750+/-0.037 χ^2/NDF:1028.0/2

5.523+/-0.025 χ^2/NDF: 599513.2/21

-0.010+/-0.018 χ^2/NDF: 1127480.7/44

-5.987+/-0.026 χ^2/NDF: 428187.1/22

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: -227.137+/-2.342 χ^2/NDF:857.3/4

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

Left In: 293.987+/-3.203 χ^2/NDF:29.9/2

-227.137+/-2.342 χ^2/NDF: 857.3/4

-45.542+/-1.891 χ^2/NDF: 18136.3/7

293.987+/-3.203 χ^2/NDF: 29.9/2

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: -0.766+/-1.801 χ^2/NDF:36.7/4

Right Out: -4.492+/-1.158 χ^2/NDF: 225.4/19

Left In: -1.725+/-2.702 χ^2/NDF:3.3/2

1.937+/-1.013 χ^2/NDF: 295.6/21

-0.913+/-0.734 χ^2/NDF: 541.9/44

-4.062+/-1.065 χ^2/NDF: 229.6/22

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: 243.125+/-2.500 χ^2/NDF:1247.7/4

Right Out: -256.542+/-2.077 χ^2/NDF: 6459.5/19

Left In: -331.138+/-3.433 χ^2/NDF:24.9/2

260.634+/-1.648 χ^2/NDF: 6446.3/21

12.315+/-1.208 χ^2/NDF: 62403.2/44

-276.535+/-1.777 χ^2/NDF: 6830.0/22

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: 66.411+/-2.143 χ^2/NDF:116.4/4

Right Out: -45.656+/-1.358 χ^2/NDF: 530.9/19

Left In: -82.494+/-3.168 χ^2/NDF:17.3/2

57.834+/-1.184 χ^2/NDF: 773.8/21

6.097+/-0.859 χ^2/NDF: 5466.4/44

-51.369+/-1.248 χ^2/NDF: 662.4/22

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: -148.910+/-0.102 χ^2/NDF:185344.3/4

Right Out: 85.852+/-0.065 χ^2/NDF: 496339.6/19

Left In: 177.475+/-0.135 χ^2/NDF:13143.6/2

-108.757+/-0.056 χ^2/NDF: 944256.0/21

-7.039+/-0.041 χ^2/NDF: 8635290.5/44

103.118+/-0.059 χ^2/NDF: 883920.1/22

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: -13.797+/-0.766 χ^2/NDF:1584.0/4

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

Left In: 18.506+/-0.844 χ^2/NDF:59.8/2

-13.797+/-0.766 χ^2/NDF: 1584.0/4

0.797+/-0.567 χ^2/NDF: 2446.7/7

18.506+/-0.844 χ^2/NDF: 59.8/2

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: 0.830+/-0.655 χ^2/NDF:9.3/4

Right Out: -4.638+/-0.473 χ^2/NDF: 186.6/19

Left In: -1.753+/-0.754 χ^2/NDF:13.3/2

3.180+/-0.379 χ^2/NDF: 315.1/21

-0.123+/-0.275 χ^2/NDF: 686.8/44

-3.823+/-0.401 χ^2/NDF: 210.5/22

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: -3.510+/-0.818 χ^2/NDF:2489.2/4

Right Out: 50.600+/-0.855 χ^2/NDF: 1330.8/19

Left In: -3.736+/-0.906 χ^2/NDF:65.9/2

-27.598+/-0.593 χ^2/NDF: 5335.2/21

-2.523+/-0.429 χ^2/NDF: 12379.6/44

24.997+/-0.622 χ^2/NDF: 3299.8/22

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: 3.812+/-0.767 χ^2/NDF:167.5/4

Right Out: 12.873+/-0.537 χ^2/NDF: 731.6/19

Left In: -5.646+/-0.875 χ^2/NDF:16.1/2

-7.301+/-0.436 χ^2/NDF: 1266.4/21

-0.116+/-0.316 χ^2/NDF: 2910.3/44

7.801+/-0.458 χ^2/NDF: 1073.2/22

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: -9.736+/-0.033 χ^2/NDF:354314.0/4

Right Out: -7.741+/-0.031 χ^2/NDF: 545218.7/19

Left In: 13.340+/-0.035 χ^2/NDF:13206.6/2

1.093+/-0.022 χ^2/NDF: 935220.7/21

1.330+/-0.016 χ^2/NDF: 1695853.1/44

1.585+/-0.023 χ^2/NDF: 760400.3/22

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: -13.707+/-0.120 χ^2/NDF:3075.5/4

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

Left In: 10.703+/-0.132 χ^2/NDF:1396.7/2

-13.707+/-0.120 χ^2/NDF: 3075.5/4

-2.750+/-0.089 χ^2/NDF: 23183.9/7

10.703+/-0.132 χ^2/NDF: 1396.7/2

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: 0.298+/-0.100 χ^2/NDF:305.7/4

Right Out: -1.128+/-0.058 χ^2/NDF: 948.9/19

Left In: -0.156+/-0.120 χ^2/NDF:450.5/2

1.172+/-0.052 χ^2/NDF: 1118.3/21

0.117+/-0.037 χ^2/NDF: 3390.4/44

-0.942+/-0.052 χ^2/NDF: 1452.8/22

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: 14.680+/-0.128 χ^2/NDF:3049.8/4

Right Out: 2.527+/-0.099 χ^2/NDF: 904.5/19

Left In: -11.396+/-0.142 χ^2/NDF:1300.2/2

5.003+/-0.084 χ^2/NDF: 13452.8/21

1.386+/-0.058 χ^2/NDF: 25748.1/44

-2.007+/-0.081 χ^2/NDF: 8679.1/22

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: -0.844+/-0.118 χ^2/NDF:339.7/4

Right Out: 1.622+/-0.066 χ^2/NDF: 1489.1/19

Left In: 0.566+/-0.139 χ^2/NDF:421.5/2

-1.514+/-0.060 χ^2/NDF: 1728.6/21

-0.017+/-0.042 χ^2/NDF: 4896.0/44

1.429+/-0.059 χ^2/NDF: 1957.9/22

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: 0.206+/-0.005 χ^2/NDF:701.4/4

Right Out: -0.216+/-0.004 χ^2/NDF: 1075.7/19

Left In: -0.129+/-0.005 χ^2/NDF:154.7/2

0.204+/-0.003 χ^2/NDF: 1378.7/21

-0.002+/-0.002 χ^2/NDF: 10598.4/44

-0.188+/-0.003 χ^2/NDF: 1403.7/22

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: -13.668+/-0.119 χ^2/NDF:3082.7/4

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

Left In: 10.673+/-0.132 χ^2/NDF:1402.8/2

-13.668+/-0.119 χ^2/NDF: 3082.7/4

-2.745+/-0.088 χ^2/NDF: 23257.2/7

10.673+/-0.132 χ^2/NDF: 1402.8/2

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: 0.252+/-0.100 χ^2/NDF:307.9/4

Right Out: -1.097+/-0.058 χ^2/NDF: 954.6/19

Left In: -0.099+/-0.119 χ^2/NDF:463.8/2

1.141+/-0.052 χ^2/NDF: 1124.2/21

0.119+/-0.037 χ^2/NDF: 3374.8/44

-0.907+/-0.052 χ^2/NDF: 1475.2/22

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: 14.639+/-0.128 χ^2/NDF:3057.3/4

Right Out: 2.302+/-0.098 χ^2/NDF: 907.9/19

Left In: -11.365+/-0.141 χ^2/NDF:1305.5/2

5.110+/-0.083 χ^2/NDF: 13245.4/21

1.366+/-0.058 χ^2/NDF: 25665.3/44

-2.143+/-0.081 χ^2/NDF: 8509.8/22

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: -0.788+/-0.117 χ^2/NDF:342.3/4

Right Out: 1.589+/-0.065 χ^2/NDF: 1494.5/19

Left In: 0.496+/-0.138 χ^2/NDF:433.2/2

-1.480+/-0.060 χ^2/NDF: 1731.0/21

-0.020+/-0.042 χ^2/NDF: 4869.5/44

1.389+/-0.059 χ^2/NDF: 1978.8/22

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: 0.204+/-0.005 χ^2/NDF:700.7/4

Right Out: -0.213+/-0.004 χ^2/NDF: 1059.7/19

Left In: -0.129+/-0.005 χ^2/NDF:157.3/2

0.202+/-0.003 χ^2/NDF: 1363.6/21

-0.003+/-0.002 χ^2/NDF: 10444.6/44

-0.186+/-0.003 χ^2/NDF: 1378.7/22

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: -13.717+/-0.120 χ^2/NDF:3088.7/4

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

Left In: 10.735+/-0.132 χ^2/NDF:1405.0/2

-13.717+/-0.120 χ^2/NDF: 3088.7/4

-2.742+/-0.089 χ^2/NDF: 23270.6/7

10.735+/-0.132 χ^2/NDF: 1405.0/2

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: 0.197+/-0.100 χ^2/NDF:312.9/4

Right Out: -1.057+/-0.058 χ^2/NDF: 965.8/19

Left In: -0.054+/-0.120 χ^2/NDF:462.0/2

1.084+/-0.052 χ^2/NDF: 1133.9/21

0.109+/-0.037 χ^2/NDF: 3317.2/44

-0.866+/-0.052 χ^2/NDF: 1484.6/22

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: 14.656+/-0.128 χ^2/NDF:3061.1/4

Right Out: 2.344+/-0.099 χ^2/NDF: 902.6/19

Left In: -11.393+/-0.142 χ^2/NDF:1307.2/2

5.107+/-0.084 χ^2/NDF: 13209.3/21

1.372+/-0.058 χ^2/NDF: 25574.8/44

-2.127+/-0.081 χ^2/NDF: 8514.1/22

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: -0.745+/-0.118 χ^2/NDF:348.1/4

Right Out: 1.568+/-0.066 χ^2/NDF: 1506.3/19

Left In: 0.466+/-0.139 χ^2/NDF:431.8/2

-1.436+/-0.060 χ^2/NDF: 1742.7/21

-0.008+/-0.042 χ^2/NDF: 4830.6/44

1.367+/-0.059 χ^2/NDF: 1989.7/22

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: 0.204+/-0.005 χ^2/NDF:698.5/4

Right Out: -0.213+/-0.004 χ^2/NDF: 1091.9/19

Left In: -0.129+/-0.005 χ^2/NDF:157.6/2

0.202+/-0.003 χ^2/NDF: 1390.0/21

-0.003+/-0.002 χ^2/NDF: 10506.4/44

-0.187+/-0.003 χ^2/NDF: 1412.8/22

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: -13.876+/-0.121 χ^2/NDF:3047.9/4

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

Left In: 10.928+/-0.134 χ^2/NDF:1383.1/2

-13.876+/-0.121 χ^2/NDF: 3047.9/4

-2.759+/-0.090 χ^2/NDF: 23370.3/7

10.928+/-0.134 χ^2/NDF: 1383.1/2

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: 0.232+/-0.101 χ^2/NDF:297.0/4

Right Out: -1.110+/-0.059 χ^2/NDF: 940.1/19

Left In: -0.177+/-0.121 χ^2/NDF:421.5/2

1.102+/-0.053 χ^2/NDF: 1109.7/21

0.090+/-0.038 χ^2/NDF: 3251.2/44

-0.930+/-0.053 χ^2/NDF: 1409.5/22

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: 14.821+/-0.129 χ^2/NDF:3020.9/4

Right Out: 2.285+/-0.101 χ^2/NDF: 919.7/19

Left In: -11.598+/-0.144 χ^2/NDF:1288.1/2

5.197+/-0.085 χ^2/NDF: 13235.6/21

1.341+/-0.059 χ^2/NDF: 25709.8/44

-2.298+/-0.083 χ^2/NDF: 8468.3/22

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: -0.790+/-0.119 χ^2/NDF:331.4/4

Right Out: 1.630+/-0.067 χ^2/NDF: 1469.8/19

Left In: 0.633+/-0.140 χ^2/NDF:399.1/2

-1.455+/-0.061 χ^2/NDF: 1707.3/21

0.018+/-0.043 χ^2/NDF: 4754.6/44

1.446+/-0.060 χ^2/NDF: 1910.0/22

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: 0.209+/-0.005 χ^2/NDF:689.4/4

Right Out: -0.211+/-0.004 χ^2/NDF: 1153.9/19

Left In: -0.128+/-0.006 χ^2/NDF:146.9/2

0.208+/-0.003 χ^2/NDF: 1345.8/21

0.002+/-0.002 χ^2/NDF: 10400.5/44

-0.185+/-0.003 χ^2/NDF: 1452.4/22

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: -14.251+/-0.123 χ^2/NDF:3036.5/4

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

Left In: 11.133+/-0.137 χ^2/NDF:1358.3/2

-14.251+/-0.123 χ^2/NDF: 3036.5/4

-2.862+/-0.092 χ^2/NDF: 23423.2/7

11.133+/-0.137 χ^2/NDF: 1358.3/2

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: 0.337+/-0.103 χ^2/NDF:295.3/4

Right Out: -1.164+/-0.060 χ^2/NDF: 918.3/19

Left In: -0.209+/-0.123 χ^2/NDF:425.2/2

1.196+/-0.054 χ^2/NDF: 1059.8/21

0.114+/-0.038 χ^2/NDF: 3272.4/44

-0.982+/-0.054 χ^2/NDF: 1392.0/22

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: 15.268+/-0.132 χ^2/NDF:3009.0/4

Right Out: 2.633+/-0.103 χ^2/NDF: 841.9/19

Left In: -11.857+/-0.147 χ^2/NDF:1263.4/2

5.191+/-0.086 χ^2/NDF: 13617.2/21

1.423+/-0.060 χ^2/NDF: 25970.2/44

-2.158+/-0.084 χ^2/NDF: 8647.8/22

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: -0.898+/-0.121 χ^2/NDF:328.6/4

Right Out: 1.682+/-0.068 χ^2/NDF: 1430.2/19

Left In: 0.636+/-0.143 χ^2/NDF:398.3/2

-1.548+/-0.062 χ^2/NDF: 1639.7/21

-0.011+/-0.044 χ^2/NDF: 4723.8/44

1.490+/-0.061 χ^2/NDF: 1872.1/22

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: 0.215+/-0.005 χ^2/NDF:731.0/4

Right Out: -0.222+/-0.004 χ^2/NDF: 1047.2/19

Left In: -0.136+/-0.006 χ^2/NDF:182.4/2

0.209+/-0.003 χ^2/NDF: 1384.5/21

-0.003+/-0.002 χ^2/NDF: 10538.6/44

-0.195+/-0.003 χ^2/NDF: 1389.8/22