dit_asym_us_avg_mean vs Slug

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

Left Out: 1588.384+/-613.210 χ^2/NDF:2.0/2

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

Left In: -2357.160+/-542.094 χ^2/NDF:2.2/2

+ sign 2102.558+/-279.941 χ^2/NDF: 14.2/18

All: -90.736+/-193.601 χ^2/NDF: 147.0/39

- sign -2101.387+/-268.032 χ^2/NDF: 15.1/20

dit_asym_us_avg_rms vs Slug

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

Left Out: 858.952+/-0.434 χ^2/NDF:244.0/2

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

Left In: 856.710+/-0.383 χ^2/NDF:1128.9/2

+ sign 823.385+/-0.198 χ^2/NDF: 50785.4/18

All: 824.364+/-0.137 χ^2/NDF: 80830.1/39

- sign 825.260+/-0.190 χ^2/NDF: 29997.8/20

asym_us_avg_correction_mean vs Slug

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

Left Out: 1498.173+/-1048.087 χ^2/NDF:0.3/2

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

Left In: -91.184+/-1008.330 χ^2/NDF:1.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 672.779+/-726.645 χ^2/NDF: 3.2/5

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_avg_correction_rms vs Slug

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

Left Out: 1457.729+/-0.741 χ^2/NDF:5440.5/2

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

Left In: 1584.837+/-0.713 χ^2/NDF:26922.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1523.739+/-0.514 χ^2/NDF: 47639.0/5

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_avg_mean vs Slug

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

Left Out: -81.974+/-1193.718 χ^2/NDF:0.4/2

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

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

+ sign 2233.767+/-509.165 χ^2/NDF: 18.5/18

All: -66.858+/-359.376 χ^2/NDF: 75.6/39

- sign -2350.741+/-507.309 χ^2/NDF: 16.4/20

asym_us_avg_rms vs Slug

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

Left Out: 1666.396+/-0.844 χ^2/NDF:445.7/2

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

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

+ sign 1480.643+/-0.360 χ^2/NDF: 337505.0/18

All: 1512.689+/-0.254 χ^2/NDF: 720622.6/39

- sign 1544.502+/-0.359 χ^2/NDF: 367330.1/20

dit_asym_us_dd_mean vs Slug

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

Left Out: 273.852+/-582.948 χ^2/NDF:1.9/2

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

Left In: 77.379+/-517.238 χ^2/NDF:6.0/2

+ sign -244.703+/-275.883 χ^2/NDF: 10.4/18

All: -133.779+/-188.622 χ^2/NDF: 29.7/39

- sign -36.415+/-258.470 χ^2/NDF: 19.0/20

dit_asym_us_dd_rms vs Slug

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

Left Out: 816.835+/-0.412 χ^2/NDF:57.1/2

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

Left In: 817.833+/-0.366 χ^2/NDF:155.5/2

+ sign 803.411+/-0.195 χ^2/NDF: 392609.5/18

All: 799.888+/-0.133 χ^2/NDF: 408962.0/39

- sign 796.796+/-0.183 χ^2/NDF: 15740.0/20

asym_us_dd_correction_mean vs Slug

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

Left Out: 364.223+/-1329.483 χ^2/NDF:1.5/2

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

Left In: 2439.809+/-1238.310 χ^2/NDF:2.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1475.620+/-906.136 χ^2/NDF: 4.8/5

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_dd_correction_rms vs Slug

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

Left Out: 1858.372+/-0.940 χ^2/NDF:508.1/2

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

Left In: 1951.803+/-0.876 χ^2/NDF:10585.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1908.401+/-0.641 χ^2/NDF: 16382.2/5

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_dd_mean vs Slug

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

Left Out: 316.821+/-680.646 χ^2/NDF:0.1/2

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

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

+ sign -41.178+/-364.433 χ^2/NDF: 17.1/18

All: 199.905+/-252.480 χ^2/NDF: 31.6/39

- sign 422.418+/-350.117 χ^2/NDF: 13.6/20

asym_us_dd_rms vs Slug

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

Left Out: 952.851+/-0.481 χ^2/NDF:2868.7/2

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

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

+ sign 1061.550+/-0.258 χ^2/NDF: 329742.9/18

All: 1063.342+/-0.179 χ^2/NDF: 778536.9/39

- sign 1064.997+/-0.248 χ^2/NDF: 448700.9/20

dit_asym_usl_mean vs Slug

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

Left Out: 1855.950+/-839.208 χ^2/NDF:1.2/2

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

Left In: -2236.596+/-749.353 χ^2/NDF:7.1/2

+ sign 1820.808+/-391.172 χ^2/NDF: 7.7/18

All: -262.993+/-269.353 χ^2/NDF: 81.8/39

- sign -2141.861+/-371.439 χ^2/NDF: 20.2/20

dit_asym_usl_rms vs Slug

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

Left Out: 1175.750+/-0.593 χ^2/NDF:563.9/2

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

Left In: 1184.383+/-0.530 χ^2/NDF:747.2/2

+ sign 1141.564+/-0.277 χ^2/NDF: 320830.3/18

All: 1142.912+/-0.190 χ^2/NDF: 348993.2/39

- sign 1144.128+/-0.263 χ^2/NDF: 28117.6/20

asym_usl_correction_mean vs Slug

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

Left Out: 1421.048+/-1118.336 χ^2/NDF:1.3/2

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

Left In: -435.780+/-1088.419 χ^2/NDF:1.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 467.465+/-779.991 χ^2/NDF: 3.7/5

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_correction_rms vs Slug

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

Left Out: 1555.917+/-0.791 χ^2/NDF:10040.7/2

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

Left In: 1709.766+/-0.770 χ^2/NDF:33168.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1634.927+/-0.552 χ^2/NDF: 62647.5/5

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_mean vs Slug

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

Left Out: 210.492+/-1395.362 χ^2/NDF:0.2/2

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

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

+ sign 2119.010+/-538.961 χ^2/NDF: 13.2/18

All: 115.957+/-378.768 χ^2/NDF: 63.7/39

- sign -1838.756+/-532.418 χ^2/NDF: 23.2/20

asym_usl_rms vs Slug

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

Left Out: 1950.273+/-0.987 χ^2/NDF:678.9/2

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

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

+ sign 1565.887+/-0.381 χ^2/NDF: 437871.7/18

All: 1585.814+/-0.268 χ^2/NDF: 1221929.8/39

- sign 1605.260+/-0.376 χ^2/NDF: 778656.1/20

dit_asym_usr_mean vs Slug

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

Left Out: 1753.845+/-736.935 χ^2/NDF:3.7/3

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

Left In: -2463.496+/-749.270 χ^2/NDF:0.9/2

+ sign 2355.463+/-386.037 χ^2/NDF: 16.9/20

All: 23.042+/-267.429 χ^2/NDF: 101.8/42

- sign -2129.185+/-370.826 χ^2/NDF: 14.7/21

dit_asym_usr_rms vs Slug

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

Left Out: 1194.740+/-0.521 χ^2/NDF:2.3/3

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

Left In: 1184.610+/-0.530 χ^2/NDF:423.8/2

+ sign 1173.267+/-0.273 χ^2/NDF: 280912.7/20

All: 1161.943+/-0.189 χ^2/NDF: 302537.0/42

- sign 1151.495+/-0.262 χ^2/NDF: 18315.6/21

asym_usr_correction_mean vs Slug

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

Left Out: 1608.845+/-939.582 χ^2/NDF:0.5/3

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

Left In: 83.911+/-1025.458 χ^2/NDF:2.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 912.894+/-692.758 χ^2/NDF: 4.5/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_correction_rms vs Slug

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

Left Out: 1512.677+/-0.664 χ^2/NDF:7271.5/3

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

Left In: 1610.739+/-0.725 χ^2/NDF:34653.4/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1557.430+/-0.490 χ^2/NDF: 51867.2/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_mean vs Slug

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

Left Out: 163.892+/-1166.364 χ^2/NDF:0.9/3

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

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

+ sign 2143.455+/-658.460 χ^2/NDF: 23.7/20

All: -291.099+/-469.956 χ^2/NDF: 65.7/42

- sign -2818.910+/-670.952 χ^2/NDF: 14.2/21

asym_usr_rms vs Slug

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

Left Out: 1885.591+/-0.825 χ^2/NDF:4301.6/3

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

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

+ sign 1991.084+/-0.466 χ^2/NDF: 359656.2/20

All: 2028.303+/-0.332 χ^2/NDF: 599728.7/42

- sign 2066.948+/-0.474 χ^2/NDF: 227047.8/21

dit_asym_at1_avg_mean vs Slug

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

Left Out: 3150.527+/-1205.932 χ^2/NDF:0.8/3

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

Left In: -3719.724+/-1204.085 χ^2/NDF:1.0/2

+ sign 2573.772+/-667.480 χ^2/NDF: 16.0/20

All: 93.809+/-467.986 χ^2/NDF: 63.2/42

- sign -2303.961+/-656.326 χ^2/NDF: 20.1/21

dit_asym_at1_avg_rms vs Slug

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

Left Out: 1942.799+/-0.853 χ^2/NDF:10008.4/3

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

Left In: 1898.734+/-0.851 χ^2/NDF:465.6/2

+ sign 1985.632+/-0.472 χ^2/NDF: 929659.5/20

All: 1989.608+/-0.331 χ^2/NDF: 1558881.9/42

- sign 1993.452+/-0.464 χ^2/NDF: 629082.9/21

asym_at1_avg_correction_mean vs Slug

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

Left Out: 120.047+/-552.954 χ^2/NDF:3.9/3

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

Left In: 166.864+/-744.728 χ^2/NDF:1.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 136.685+/-443.958 χ^2/NDF: 5.5/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at1_avg_correction_rms vs Slug

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

Left Out: 869.527+/-0.391 χ^2/NDF:252343.6/3

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

Left In: 1158.817+/-0.527 χ^2/NDF:118601.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 972.334+/-0.314 χ^2/NDF: 565484.9/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at1_avg_mean vs Slug

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

Left Out: 2279.344+/-1353.190 χ^2/NDF:1.9/3

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

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

+ sign 2484.632+/-723.465 χ^2/NDF: 17.5/20

All: 143.509+/-514.541 χ^2/NDF: 61.1/42

- sign -2252.849+/-731.950 χ^2/NDF: 22.4/21

asym_at1_avg_rms vs Slug

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

Left Out: 2181.985+/-0.957 χ^2/NDF:2364.6/3

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

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

+ sign 2164.962+/-0.512 χ^2/NDF: 716670.0/20

All: 2187.489+/-0.364 χ^2/NDF: 1539281.2/42

- sign 2210.548+/-0.518 χ^2/NDF: 818687.0/21

dit_asym_at1_dd_mean vs Slug

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

Left Out: 356.374+/-1196.768 χ^2/NDF:3.6/3

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

Left In: 1842.245+/-1193.173 χ^2/NDF:2.6/2

+ sign 97.713+/-665.894 χ^2/NDF: 19.5/20

All: 723.994+/-463.964 χ^2/NDF: 43.5/42

- sign 1314.895+/-646.812 χ^2/NDF: 22.2/21

dit_asym_at1_dd_rms vs Slug

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

Left Out: 1927.645+/-0.846 χ^2/NDF:11867.6/3

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

Left In: 1881.779+/-0.844 χ^2/NDF:215.1/2

+ sign 1984.692+/-0.471 χ^2/NDF: 858196.4/20

All: 1976.467+/-0.328 χ^2/NDF: 1241550.7/42

- sign 1968.707+/-0.457 χ^2/NDF: 382761.3/21

asym_at1_dd_correction_mean vs Slug

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

Left Out: 76.257+/-291.209 χ^2/NDF:8.7/3

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

Left In: 67.283+/-285.859 χ^2/NDF:2.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 71.686+/-203.998 χ^2/NDF: 10.8/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at1_dd_correction_rms vs Slug

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

Left Out: 458.762+/-0.206 χ^2/NDF:233420.5/3

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

Left In: 447.398+/-0.202 χ^2/NDF:69747.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 452.975+/-0.144 χ^2/NDF: 304719.2/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at1_dd_mean vs Slug

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

Left Out: 453.243+/-1236.718 χ^2/NDF:4.8/3

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

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

+ sign -158.794+/-708.908 χ^2/NDF: 23.2/20

All: 576.499+/-501.116 χ^2/NDF: 43.9/42

- sign 1310.866+/-708.461 χ^2/NDF: 18.6/21

asym_at1_dd_rms vs Slug

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

Left Out: 1991.209+/-0.874 χ^2/NDF:18095.5/3

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

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

+ sign 2113.622+/-0.501 χ^2/NDF: 852640.8/20

All: 2122.854+/-0.354 χ^2/NDF: 1824485.8/42

- sign 2132.075+/-0.501 χ^2/NDF: 971167.1/21

dit_asym_at2_avg_mean vs Slug

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

Left Out: 3048.914+/-1743.471 χ^2/NDF:8.9/3

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

Left In: -4423.004+/-1580.839 χ^2/NDF:0.4/2

+ sign 2586.421+/-703.058 χ^2/NDF: 14.9/20

All: -10.013+/-484.198 χ^2/NDF: 66.8/42

- sign -2352.698+/-667.820 χ^2/NDF: 26.0/21

dit_asym_at2_avg_rms vs Slug

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

Left Out: 2779.389+/-1.233 χ^2/NDF:132477.3/3

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

Left In: 2491.397+/-1.118 χ^2/NDF:10221.0/2

+ sign 2071.809+/-0.497 χ^2/NDF: 1164789.4/20

All: 2030.708+/-0.342 χ^2/NDF: 2181449.7/42

- sign 1993.635+/-0.472 χ^2/NDF: 1003659.9/21

asym_at2_avg_correction_mean vs Slug

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

Left Out: 4357.503+/-4076.986 χ^2/NDF:1.2/3

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

Left In: -1172.680+/-6049.906 χ^2/NDF:1.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2630.404+/-3380.940 χ^2/NDF: 3.5/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at2_avg_correction_rms vs Slug

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

Left Out: 6126.084+/-2.883 χ^2/NDF:681684.4/3

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

Left In: 9505.332+/-4.278 χ^2/NDF:27242.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 7181.437+/-2.391 χ^2/NDF: 1138037.4/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at2_avg_mean vs Slug

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

Left Out: -2343.984+/-4819.520 χ^2/NDF:1.9/3

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

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

+ sign 3175.866+/-2513.699 χ^2/NDF: 18.1/20

All: -345.020+/-1785.508 χ^2/NDF: 39.2/42

- sign -3930.459+/-2536.637 χ^2/NDF: 17.1/21

asym_at2_avg_rms vs Slug

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

Left Out: 7568.469+/-3.408 χ^2/NDF:277730.9/3

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

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

+ sign 7506.821+/-1.777 χ^2/NDF: 709986.5/20

All: 7554.582+/-1.262 χ^2/NDF: 1549643.6/42

- sign 7603.210+/-1.793 χ^2/NDF: 838199.8/21

dit_asym_at2_dd_mean vs Slug

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

Left Out: 1366.614+/-1384.254 χ^2/NDF:5.5/3

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

Left In: 55.480+/-1297.847 χ^2/NDF:5.0/2

+ sign -637.954+/-609.728 χ^2/NDF: 20.3/20

All: -294.935+/-417.851 χ^2/NDF: 41.4/42

- sign 8.820+/-573.771 χ^2/NDF: 20.5/21

dit_asym_at2_dd_rms vs Slug

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

Left Out: 2175.421+/-0.979 χ^2/NDF:293005.4/3

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

Left In: 2048.183+/-0.918 χ^2/NDF:9245.3/2

+ sign 1793.273+/-0.431 χ^2/NDF: 1260842.7/20

All: 1759.302+/-0.295 χ^2/NDF: 2020782.6/42

- sign 1729.219+/-0.406 χ^2/NDF: 748233.4/21

asym_at2_dd_correction_mean vs Slug

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

Left Out: 2317.819+/-2866.211 χ^2/NDF:4.9/3

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

Left In: 539.556+/-2680.159 χ^2/NDF:4.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1369.103+/-1957.630 χ^2/NDF: 9.7/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at2_dd_correction_rms vs Slug

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

Left Out: 4485.528+/-2.027 χ^2/NDF:334754.4/3

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

Left In: 4230.126+/-1.895 χ^2/NDF:7547.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4349.269+/-1.384 χ^2/NDF: 350773.8/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at2_dd_mean vs Slug

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

Left Out: -867.562+/-1567.973 χ^2/NDF:4.4/3

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

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

+ sign 419.050+/-819.922 χ^2/NDF: 26.9/20

All: -329.248+/-565.740 χ^2/NDF: 41.3/42

- sign -1009.243+/-781.606 χ^2/NDF: 12.8/21

asym_at2_dd_rms vs Slug

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

Left Out: 2431.042+/-1.109 χ^2/NDF:424822.1/3

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

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

+ sign 2434.830+/-0.580 χ^2/NDF: 893390.5/20

All: 2388.214+/-0.400 χ^2/NDF: 1569485.6/42

- sign 2345.853+/-0.553 χ^2/NDF: 663755.4/21

dit_asym_atl_avg_mean vs Slug

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

Left Out: 3811.939+/-1491.377 χ^2/NDF:5.2/3

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

Left In: -3233.670+/-1366.857 χ^2/NDF:5.8/2

+ sign 2144.908+/-629.511 χ^2/NDF: 19.1/20

All: 243.499+/-444.869 χ^2/NDF: 69.0/42

- sign -1653.441+/-628.770 χ^2/NDF: 31.7/21

dit_asym_atl_avg_rms vs Slug

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

Left Out: 2348.913+/-1.055 χ^2/NDF:245183.1/3

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

Left In: 2153.136+/-0.967 χ^2/NDF:7697.0/2

+ sign 1854.107+/-0.445 χ^2/NDF: 1195548.1/20

All: 1878.365+/-0.314 χ^2/NDF: 1844814.3/42

- sign 1902.520+/-0.444 χ^2/NDF: 643339.3/21

asym_atl_avg_correction_mean vs Slug

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

Left Out: -1380.366+/-806.586 χ^2/NDF:3.6/3

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

Left In: -565.870+/-3681.959 χ^2/NDF:1.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1343.069+/-787.902 χ^2/NDF: 5.3/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_correction_rms vs Slug

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

Left Out: 872.787+/-0.570 χ^2/NDF:2853114.6/3

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

Left In: 5792.801+/-2.604 χ^2/NDF:16117.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1098.083+/-0.557 χ^2/NDF: 6276826.6/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_mean vs Slug

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

Left Out: 862.895+/-3184.100 χ^2/NDF:3.1/3

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

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

+ sign 1678.105+/-1204.594 χ^2/NDF: 18.1/20

All: 464.479+/-857.029 χ^2/NDF: 47.4/42

- sign -779.550+/-1219.590 χ^2/NDF: 27.2/21

asym_atl_avg_rms vs Slug

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

Left Out: 5063.446+/-2.251 χ^2/NDF:148977.1/3

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

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

+ sign 3390.916+/-0.852 χ^2/NDF: 2671967.2/20

All: 3378.956+/-0.602 χ^2/NDF: 5772922.2/42

- sign 3367.013+/-0.851 χ^2/NDF: 3100561.0/21

dit_asym_atl_dd_mean vs Slug

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

Left Out: -868.789+/-1424.476 χ^2/NDF:12.5/3

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

Left In: 1455.410+/-1306.774 χ^2/NDF:1.0/2

+ sign 24.643+/-618.638 χ^2/NDF: 24.5/20

All: 462.620+/-432.952 χ^2/NDF: 52.5/42

- sign 883.059+/-606.126 χ^2/NDF: 27.1/21

dit_asym_atl_dd_rms vs Slug

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

Left Out: 2237.676+/-1.007 χ^2/NDF:271861.1/3

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

Left In: 2060.052+/-0.924 χ^2/NDF:5131.1/2

+ sign 1843.481+/-0.437 χ^2/NDF: 761519.9/20

All: 1841.838+/-0.306 χ^2/NDF: 1267041.5/42

- sign 1840.265+/-0.428 χ^2/NDF: 505494.0/21

asym_atl_dd_correction_mean vs Slug

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

Left Out: 82.861+/-534.994 χ^2/NDF:2.6/3

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

Left In: 964.589+/-2856.901 χ^2/NDF:1.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 112.734+/-525.853 χ^2/NDF: 4.1/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_dd_correction_rms vs Slug

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

Left Out: 555.495+/-0.378 χ^2/NDF:3044358.1/3

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

Left In: 4482.359+/-2.020 χ^2/NDF:38946.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 688.536+/-0.372 χ^2/NDF: 6733890.7/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_dd_mean vs Slug

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

Left Out: 1671.409+/-2810.471 χ^2/NDF:2.3/3

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

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

+ sign -363.957+/-1140.376 χ^2/NDF: 18.5/20

All: 304.819+/-795.884 χ^2/NDF: 35.3/42

- sign 939.912+/-1111.289 χ^2/NDF: 16.2/21

asym_atl_dd_rms vs Slug

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

Left Out: 4512.873+/-1.987 χ^2/NDF:49863.5/3

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

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

+ sign 3337.501+/-0.806 χ^2/NDF: 1428433.9/20

All: 3292.750+/-0.560 χ^2/NDF: 2875326.6/42

- sign 3251.170+/-0.777 χ^2/NDF: 1440950.9/21

dit_asym_atr_avg_mean vs Slug

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

Left Out: 2084.398+/-1341.471 χ^2/NDF:2.1/3

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

Left In: -4891.220+/-1347.114 χ^2/NDF:1.6/2

+ sign 2745.888+/-684.173 χ^2/NDF: 12.3/20

All: -252.500+/-481.264 χ^2/NDF: 73.6/42

- sign -3189.223+/-677.101 χ^2/NDF: 23.3/21

dit_asym_atr_avg_rms vs Slug

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

Left Out: 2170.803+/-0.949 χ^2/NDF:121.3/3

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

Left In: 2126.820+/-0.953 χ^2/NDF:3512.9/2

+ sign 2054.007+/-0.484 χ^2/NDF: 638319.6/20

All: 2052.368+/-0.340 χ^2/NDF: 1247806.8/42

- sign 2050.763+/-0.479 χ^2/NDF: 609464.5/21

asym_atr_avg_correction_mean vs Slug

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

Left Out: 4110.889+/-2903.579 χ^2/NDF:0.4/3

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

Left In: -419.668+/-3151.181 χ^2/NDF:1.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2030.573+/-2135.317 χ^2/NDF: 3.3/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr_avg_correction_rms vs Slug

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

Left Out: 4675.861+/-2.053 χ^2/NDF:10156.4/3

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

Left In: 4950.422+/-2.228 χ^2/NDF:29801.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4801.932+/-1.510 χ^2/NDF: 48168.9/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr_avg_mean vs Slug

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

Left Out: -2587.794+/-3127.649 χ^2/NDF:0.9/3

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

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

+ sign 2428.781+/-1597.270 χ^2/NDF: 18.5/20

All: -986.997+/-1106.270 χ^2/NDF: 45.1/42

- sign -4136.184+/-1533.673 χ^2/NDF: 17.9/21

asym_atr_avg_rms vs Slug

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

Left Out: 5043.984+/-2.212 χ^2/NDF:11392.5/3

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

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

+ sign 4765.668+/-1.129 χ^2/NDF: 810675.0/20

All: 4652.334+/-0.780 χ^2/NDF: 1803217.7/42

- sign 4548.799+/-1.080 χ^2/NDF: 973275.0/21

dit_asym_atr_dd_mean vs Slug

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

Left Out: 214.079+/-1286.579 χ^2/NDF:1.4/3

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

Left In: -875.804+/-1302.413 χ^2/NDF:0.5/2

+ sign -683.108+/-677.285 χ^2/NDF: 15.1/20

All: -610.555+/-471.556 χ^2/NDF: 26.5/42

- sign -542.295+/-656.941 χ^2/NDF: 11.4/21

dit_asym_atr_dd_rms vs Slug

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

Left Out: 2082.254+/-0.910 χ^2/NDF:90.5/3

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

Left In: 2056.901+/-0.921 χ^2/NDF:2403.0/2

+ sign 2032.387+/-0.479 χ^2/NDF: 654295.5/20

All: 2014.502+/-0.333 χ^2/NDF: 959841.1/42

- sign 1997.703+/-0.464 χ^2/NDF: 302841.0/21

asym_atr_dd_correction_mean vs Slug

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

Left Out: -3441.118+/-2262.034 χ^2/NDF:0.3/3

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

Left In: 450.674+/-2448.297 χ^2/NDF:2.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1648.877+/-1661.451 χ^2/NDF: 3.9/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr_dd_correction_rms vs Slug

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

Left Out: 3636.416+/-1.599 χ^2/NDF:25084.2/3

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

Left In: 3835.413+/-1.731 χ^2/NDF:50311.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3728.058+/-1.175 χ^2/NDF: 82523.6/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr_dd_mean vs Slug

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

Left Out: 3982.165+/-2557.905 χ^2/NDF:1.3/3

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

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

+ sign -332.216+/-1470.572 χ^2/NDF: 26.3/20

All: -58.195+/-1027.773 χ^2/NDF: 41.2/42

- sign 203.454+/-1436.992 χ^2/NDF: 14.8/21

asym_atr_dd_rms vs Slug

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

Left Out: 4123.484+/-1.809 χ^2/NDF:17620.7/3

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

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

+ sign 4388.061+/-1.040 χ^2/NDF: 819809.2/20

All: 4340.528+/-0.725 χ^2/NDF: 1626830.8/42

- sign 4295.505+/-1.012 χ^2/NDF: 802952.9/21

dit_asym_atl_avg_atr_avg_avg_mean vs Slug

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

Left Out: 2956.575+/-1106.839 χ^2/NDF:5.7/3

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

Left In: -4207.059+/-1027.299 χ^2/NDF:0.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -891.865+/-752.961 χ^2/NDF: 29.0/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_atl_avg_atr_avg_avg_rms vs Slug

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

Left Out: 1773.376+/-0.783 χ^2/NDF:75080.9/3

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

Left In: 1618.519+/-0.726 χ^2/NDF:7090.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1690.184+/-0.532 χ^2/NDF: 103203.3/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_atr_avg_avg_correction_mean vs Slug

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

Left Out: 2092.571+/-2278.105 χ^2/NDF:1.5/3

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

Left In: -486.524+/-3416.500 χ^2/NDF:1.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1298.792+/-1895.386 χ^2/NDF: 3.6/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_atr_avg_avg_correction_rms vs Slug

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

Left Out: 3425.110+/-1.611 χ^2/NDF:676657.1/3

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

Left In: 5372.120+/-2.416 χ^2/NDF:21327.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4024.350+/-1.340 χ^2/NDF: 1147609.9/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_atr_avg_avg_mean vs Slug

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

Left Out: -444.655+/-2737.307 χ^2/NDF:2.3/3

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

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

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1855.951+/-2150.802 χ^2/NDF: 4.1/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_atr_avg_avg_rms vs Slug

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

Left Out: 4301.808+/-1.936 χ^2/NDF:272297.6/3

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

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

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4747.191+/-1.521 χ^2/NDF: 432218.9/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_atl_avg_atr_avg_dd_mean vs Slug

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

Left Out: 795.919+/-941.494 χ^2/NDF:0.7/3

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

Left In: 805.451+/-890.284 χ^2/NDF:7.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 800.951+/-646.872 χ^2/NDF: 7.9/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_atl_avg_atr_avg_dd_rms vs Slug

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

Left Out: 1494.266+/-0.666 χ^2/NDF:175060.3/3

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

Left In: 1404.188+/-0.630 χ^2/NDF:3609.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1446.711+/-0.457 χ^2/NDF: 188335.1/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_atr_avg_dd_correction_mean vs Slug

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

Left Out: 318.961+/-257.371 χ^2/NDF:1.9/3

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

Left In: -168.193+/-270.192 χ^2/NDF:1.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 87.216+/-186.357 χ^2/NDF: 4.5/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_atr_avg_dd_correction_rms vs Slug

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

Left Out: 368.478+/-0.182 χ^2/NDF:1107816.5/3

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

Left In: 421.431+/-0.191 χ^2/NDF:103854.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 393.668+/-0.132 χ^2/NDF: 1251947.0/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_atr_avg_dd_mean vs Slug

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

Left Out: 531.578+/-1003.298 χ^2/NDF:0.5/3

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

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

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 790.716+/-683.339 χ^2/NDF: 5.5/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_atr_avg_dd_rms vs Slug

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

Left Out: 1562.654+/-0.709 χ^2/NDF:365873.5/3

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

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

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1513.823+/-0.483 χ^2/NDF: 381002.4/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_atl_dd_atr_dd_avg_mean vs Slug

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

Left Out: -343.346+/-1040.542 χ^2/NDF:6.0/3

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

Left In: 330.874+/-967.999 χ^2/NDF:1.0/2

+ sign -212.126+/-489.463 χ^2/NDF: 17.8/20

All: 3.818+/-339.630 χ^2/NDF: 39.9/42

- sign 204.332+/-471.652 χ^2/NDF: 21.7/21

dit_asym_atl_dd_atr_dd_avg_rms vs Slug

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

Left Out: 1662.982+/-0.736 χ^2/NDF:102528.2/3

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

Left In: 1526.633+/-0.684 χ^2/NDF:3781.7/2

+ sign 1460.299+/-0.346 χ^2/NDF: 726299.4/20

All: 1443.589+/-0.240 χ^2/NDF: 1115114.2/42

- sign 1428.086+/-0.333 χ^2/NDF: 384321.2/21

asym_atl_dd_atr_dd_avg_correction_mean vs Slug

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

Left Out: -2280.599+/-1814.197 χ^2/NDF:0.9/3

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

Left In: 689.577+/-2626.067 χ^2/NDF:1.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1321.017+/-1492.642 χ^2/NDF: 3.5/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_dd_atr_dd_avg_correction_rms vs Slug

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

Left Out: 2731.330+/-1.283 χ^2/NDF:663593.4/3

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

Left In: 4117.437+/-1.857 χ^2/NDF:43362.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3179.142+/-1.055 χ^2/NDF: 1084140.6/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_dd_atr_dd_avg_mean vs Slug

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

Left Out: 2572.488+/-2316.733 χ^2/NDF:1.0/3

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

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

+ sign -288.923+/-1258.600 χ^2/NDF: 19.8/20

All: 185.715+/-880.253 χ^2/NDF: 36.4/42

- sign 640.186+/-1231.573 χ^2/NDF: 16.3/21

asym_atl_dd_atr_dd_avg_rms vs Slug

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

Left Out: 3678.095+/-1.638 χ^2/NDF:171063.1/3

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

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

+ sign 3782.239+/-0.890 χ^2/NDF: 511201.1/20

All: 3730.671+/-0.620 χ^2/NDF: 1238094.9/42

- sign 3682.007+/-0.865 χ^2/NDF: 720367.5/21

dit_asym_atl_dd_atr_dd_dd_mean vs Slug

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

Left Out: -531.820+/-930.124 χ^2/NDF:8.3/3

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

Left In: 1148.192+/-879.332 χ^2/NDF:0.3/2

+ sign 181.555+/-459.162 χ^2/NDF: 25.6/20

All: 502.807+/-318.172 χ^2/NDF: 45.1/42

- sign 799.545+/-441.296 χ^2/NDF: 18.6/21

dit_asym_atl_dd_atr_dd_dd_rms vs Slug

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

Left Out: 1476.397+/-0.658 χ^2/NDF:172899.8/3

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

Left In: 1386.962+/-0.622 χ^2/NDF:3657.9/2

+ sign 1366.349+/-0.325 χ^2/NDF: 813392.8/20

All: 1352.074+/-0.225 χ^2/NDF: 1223172.8/42

- sign 1338.889+/-0.312 χ^2/NDF: 406061.5/21

asym_atl_dd_atr_dd_dd_correction_mean vs Slug

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

Left Out: -139.664+/-449.386 χ^2/NDF:7.6/3

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

Left In: 283.138+/-424.539 χ^2/NDF:0.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 83.748+/-308.605 χ^2/NDF: 8.9/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_dd_atr_dd_dd_correction_rms vs Slug

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

Left Out: 693.961+/-0.318 χ^2/NDF:436099.6/3

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

Left In: 665.337+/-0.300 χ^2/NDF:61621.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 678.836+/-0.218 χ^2/NDF: 502008.6/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_dd_atr_dd_dd_mean vs Slug

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

Left Out: -497.489+/-1043.563 χ^2/NDF:7.9/3

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

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

+ sign -169.429+/-606.375 χ^2/NDF: 31.5/20

All: 192.055+/-421.970 χ^2/NDF: 43.7/42

- sign 531.478+/-587.579 χ^2/NDF: 11.5/21

asym_atl_dd_atr_dd_dd_rms vs Slug

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

Left Out: 1649.490+/-0.738 χ^2/NDF:221303.4/3

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

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

+ sign 1808.008+/-0.429 χ^2/NDF: 756817.5/20

All: 1790.739+/-0.298 χ^2/NDF: 1390719.6/42

- sign 1774.523+/-0.415 χ^2/NDF: 630756.6/21

dit_asym_atl1_mean vs Slug

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

Left Out: 3457.813+/-1617.082 χ^2/NDF:4.5/3

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

Left In: -1941.683+/-1583.239 χ^2/NDF:3.1/2

+ sign 2587.149+/-874.292 χ^2/NDF: 18.4/20

All: 680.114+/-617.846 χ^2/NDF: 54.2/42

- sign -1222.345+/-873.242 χ^2/NDF: 26.3/21

dit_asym_atl1_rms vs Slug

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

Left Out: 2596.483+/-1.143 χ^2/NDF:38505.5/3

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

Left In: 2498.013+/-1.120 χ^2/NDF:181.6/2

+ sign 2618.483+/-0.618 χ^2/NDF: 683425.3/20

All: 2639.422+/-0.437 χ^2/NDF: 1314311.5/42

- sign 2660.311+/-0.617 χ^2/NDF: 628594.6/21

asym_atl1_correction_mean vs Slug

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

Left Out: -276.282+/-518.293 χ^2/NDF:6.4/3

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

Left In: 499.397+/-823.620 χ^2/NDF:2.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -56.246+/-438.664 χ^2/NDF: 9.6/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1_correction_rms vs Slug

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

Left Out: 786.636+/-0.366 χ^2/NDF:577051.2/3

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

Left In: 1279.362+/-0.582 χ^2/NDF:141023.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 926.407+/-0.310 χ^2/NDF: 1230821.3/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1_mean vs Slug

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

Left Out: 2778.194+/-1752.504 χ^2/NDF:5.9/3

Right Out: -1080.125+/-1186.666 χ^2/NDF: 25.3/18

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

+ sign 2261.041+/-962.304 χ^2/NDF: 20.9/20

All: 526.596+/-690.217 χ^2/NDF: 53.6/42

- sign -1311.110+/-990.536 χ^2/NDF: 26.1/21

asym_atl1_rms vs Slug

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

Left Out: 2819.036+/-1.239 χ^2/NDF:19578.7/3

Right Out: 3039.118+/-0.839 χ^2/NDF: 1011306.5/18

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

+ sign 2882.386+/-0.680 χ^2/NDF: 665215.0/20

All: 2928.223+/-0.488 χ^2/NDF: 1714331.3/42

- sign 2976.788+/-0.700 χ^2/NDF: 1039770.9/21

dit_asym_atl2_mean vs Slug

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

Left Out: 4385.622+/-2368.417 χ^2/NDF:11.2/3

Right Out: -1969.182+/-850.490 χ^2/NDF: 22.4/18

Left In: -4347.716+/-2141.764 χ^2/NDF:3.4/2

+ sign 1814.270+/-832.306 χ^2/NDF: 20.0/20

All: -345.320+/-573.158 χ^2/NDF: 59.6/42

- sign -2293.158+/-790.449 χ^2/NDF: 26.9/21

dit_asym_atl2_rms vs Slug

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

Left Out: 3702.039+/-1.675 χ^2/NDF:340956.4/3

Right Out: 2198.760+/-0.601 χ^2/NDF: 602418.1/18

Left In: 3375.038+/-1.514 χ^2/NDF:13921.1/2

+ sign 2405.769+/-0.589 χ^2/NDF: 1874764.2/20

All: 2381.048+/-0.405 χ^2/NDF: 3015653.7/42

- sign 2358.778+/-0.559 χ^2/NDF: 1137535.6/21

asym_atl2_correction_mean vs Slug

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

Left Out: -1587.278+/-1191.304 χ^2/NDF:3.2/3

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

Left In: -1557.790+/-6541.661 χ^2/NDF:1.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1586.331+/-1172.028 χ^2/NDF: 4.7/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl2_correction_rms vs Slug

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

Left Out: 1234.750+/-0.842 χ^2/NDF:3049562.5/3

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

Left In: 10284.641+/-4.626 χ^2/NDF:21677.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1525.248+/-0.829 χ^2/NDF: 6776094.8/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl2_mean vs Slug

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

Left Out: -120.381+/-5661.374 χ^2/NDF:2.4/3

Right Out: -2482.925+/-2421.310 χ^2/NDF: 20.0/18

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

+ sign 3206.546+/-2293.663 χ^2/NDF: 17.6/20

All: 260.771+/-1616.323 χ^2/NDF: 41.4/42

- sign -2645.081+/-2278.067 χ^2/NDF: 20.6/21

asym_atl2_rms vs Slug

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

Left Out: 9020.934+/-4.003 χ^2/NDF:134547.2/3

Right Out: 6253.330+/-1.712 χ^2/NDF: 535355.5/18

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

+ sign 6771.931+/-1.622 χ^2/NDF: 1105543.0/20

All: 6760.345+/-1.143 χ^2/NDF: 2392176.6/42

- sign 6748.918+/-1.611 χ^2/NDF: 1286532.3/21

dit_asym_atr1_mean vs Slug

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

Left Out: 2442.189+/-1746.671 χ^2/NDF:0.6/3

Right Out: -2781.006+/-1086.164 χ^2/NDF: 9.9/18

Left In: -5560.379+/-1791.854 χ^2/NDF:1.0/2

+ sign 2134.944+/-951.269 χ^2/NDF: 12.7/20

All: -763.990+/-664.577 χ^2/NDF: 43.5/42

- sign -3527.840+/-928.841 χ^2/NDF: 12.7/21

dit_asym_atr1_rms vs Slug

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

Left Out: 2828.269+/-1.235 χ^2/NDF:22.3/3

Right Out: 2841.561+/-0.768 χ^2/NDF: 312523.0/18

Left In: 2829.266+/-1.267 χ^2/NDF:282.2/2

+ sign 2857.057+/-0.673 χ^2/NDF: 670695.1/20

All: 2847.433+/-0.470 χ^2/NDF: 983969.0/42

- sign 2838.257+/-0.657 χ^2/NDF: 312874.0/21

asym_atr1_correction_mean vs Slug

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

Left Out: 536.552+/-721.663 χ^2/NDF:3.2/3

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

Left In: -183.432+/-775.856 χ^2/NDF:0.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 202.581+/-528.414 χ^2/NDF: 4.4/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1_correction_rms vs Slug

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

Left Out: 1158.346+/-0.510 χ^2/NDF:53415.5/3

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

Left In: 1212.789+/-0.549 χ^2/NDF:74773.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1183.600+/-0.374 χ^2/NDF: 133469.2/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1_mean vs Slug

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

Left Out: 1655.690+/-1890.901 χ^2/NDF:1.2/3

Right Out: -2403.750+/-1110.093 χ^2/NDF: 10.1/18

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

+ sign 2146.514+/-986.634 χ^2/NDF: 15.7/20

All: -544.135+/-690.086 χ^2/NDF: 43.3/42

- sign -3121.103+/-965.566 χ^2/NDF: 13.0/21

asym_atr1_rms vs Slug

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

Left Out: 3061.396+/-1.337 χ^2/NDF:481.7/3

Right Out: 2900.827+/-0.785 χ^2/NDF: 169866.6/18

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

+ sign 2963.306+/-0.698 χ^2/NDF: 670671.4/20

All: 2954.720+/-0.488 χ^2/NDF: 858062.7/42

- sign 2946.496+/-0.683 χ^2/NDF: 187094.6/21

dit_asym_atr2_mean vs Slug

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

Left Out: 1864.614+/-1953.967 χ^2/NDF:2.8/3

Right Out: -2295.846+/-1046.865 χ^2/NDF: 18.4/18

Left In: -4065.858+/-1944.561 χ^2/NDF:0.9/2

+ sign 3221.784+/-952.896 χ^2/NDF: 13.3/20

All: 165.933+/-662.522 χ^2/NDF: 53.1/42

- sign -2693.571+/-921.775 χ^2/NDF: 20.0/21

dit_asym_atr2_rms vs Slug

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

Left Out: 3161.980+/-1.382 χ^2/NDF:103.2/3

Right Out: 2692.509+/-0.740 χ^2/NDF: 780267.3/18

Left In: 3070.810+/-1.375 χ^2/NDF:6676.6/2

+ sign 2866.742+/-0.674 χ^2/NDF: 561691.5/20

All: 2820.614+/-0.468 χ^2/NDF: 1416399.5/42

- sign 2777.471+/-0.652 χ^2/NDF: 845637.9/21

asym_atr2_correction_mean vs Slug

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

Left Out: 7571.371+/-5155.634 χ^2/NDF:0.3/3

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

Left In: -842.450+/-5592.160 χ^2/NDF:2.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3705.628+/-3790.526 χ^2/NDF: 3.5/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr2_correction_rms vs Slug

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

Left Out: 8297.776+/-3.646 χ^2/NDF:14713.8/3

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

Left In: 8777.863+/-3.954 χ^2/NDF:35612.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 8518.353+/-2.680 χ^2/NDF: 58293.8/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr2_mean vs Slug

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

Left Out: -6610.071+/-5375.835 χ^2/NDF:1.1/3

Right Out: -5041.440+/-3167.616 χ^2/NDF: 13.6/18

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

+ sign 2965.888+/-2865.742 χ^2/NDF: 20.9/20

All: -955.076+/-1994.406 χ^2/NDF: 41.4/42

- sign -4637.932+/-2777.366 χ^2/NDF: 16.9/21

asym_atr2_rms vs Slug

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

Left Out: 8660.958+/-3.801 χ^2/NDF:16395.7/3

Right Out: 8044.739+/-2.240 χ^2/NDF: 952310.5/18

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

+ sign 8555.522+/-2.026 χ^2/NDF: 780084.9/20

All: 8414.929+/-1.410 χ^2/NDF: 1822349.7/42

- sign 8282.881+/-1.964 χ^2/NDF: 1032929.8/21

dit_asym_sam1_mean vs Slug

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

Left Out: -80.730+/-48.880 χ^2/NDF:3.0/3

Right Out: -17.368+/-35.548 χ^2/NDF: 21.9/18

Left In: 119.775+/-52.653 χ^2/NDF:2.0/2

+ sign -8.213+/-27.928 χ^2/NDF: 18.9/20

All: 7.776+/-20.268 χ^2/NDF: 48.1/42

- sign 25.570+/-29.462 χ^2/NDF: 28.5/21

dit_asym_sam1_rms vs Slug

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

Left Out: 79.134+/-0.035 χ^2/NDF:6547.7/3

Right Out: 89.143+/-0.025 χ^2/NDF: 1559269.8/18

Left In: 83.082+/-0.037 χ^2/NDF:2511.2/2

+ sign 82.908+/-0.020 χ^2/NDF: 1088668.9/20

All: 84.961+/-0.014 χ^2/NDF: 2691487.6/42

- sign 87.245+/-0.021 χ^2/NDF: 1579987.5/21

asym_sam1_correction_mean vs Slug

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

Left Out: 79.187+/-193.827 χ^2/NDF:5.1/3

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

Left In: 287.525+/-195.750 χ^2/NDF:2.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 182.328+/-137.731 χ^2/NDF: 8.0/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam1_correction_rms vs Slug

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

Left Out: 312.371+/-0.137 χ^2/NDF:36149.6/3

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

Left In: 305.948+/-0.138 χ^2/NDF:101873.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 309.191+/-0.097 χ^2/NDF: 139110.5/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam1_mean vs Slug

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

Left Out: -168.567+/-197.991 χ^2/NDF:3.5/3

Right Out: -237.821+/-183.995 χ^2/NDF: 21.7/18

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

+ sign 2.935+/-132.877 χ^2/NDF: 17.6/20

All: -101.462+/-94.942 χ^2/NDF: 42.5/42

- sign -210.350+/-135.705 χ^2/NDF: 23.6/21

asym_sam1_rms vs Slug

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

Left Out: 319.089+/-0.140 χ^2/NDF:36385.3/3

Right Out: 452.517+/-0.130 χ^2/NDF: 2039238.5/18

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

+ sign 379.416+/-0.094 χ^2/NDF: 2386565.9/20

All: 384.381+/-0.067 χ^2/NDF: 5031799.6/42

- sign 389.560+/-0.096 χ^2/NDF: 2639528.7/21

dit_asym_sam2_mean vs Slug

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

Left Out: -168.941+/-197.359 χ^2/NDF:1.4/3

Right Out: -77.490+/-143.469 χ^2/NDF: 16.8/18

Left In: 144.401+/-194.991 χ^2/NDF:1.9/2

+ sign 195.413+/-114.832 χ^2/NDF: 16.0/20

All: 98.543+/-81.454 χ^2/NDF: 36.9/42

- sign 0.443+/-115.559 χ^2/NDF: 19.5/21

dit_asym_sam2_rms vs Slug

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

Left Out: 319.538+/-0.140 χ^2/NDF:5348.5/3

Right Out: 370.794+/-0.101 χ^2/NDF: 784786.3/18

Left In: 307.208+/-0.138 χ^2/NDF:2465.9/2

+ sign 344.757+/-0.081 χ^2/NDF: 684389.9/20

All: 346.597+/-0.058 χ^2/NDF: 1610655.3/42

- sign 348.461+/-0.082 χ^2/NDF: 925231.4/21

asym_sam2_correction_mean vs Slug

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

Left Out: -904.420+/-1295.832 χ^2/NDF:7.7/3

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

Left In: 1331.284+/-1325.433 χ^2/NDF:2.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 188.188+/-926.580 χ^2/NDF: 12.0/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam2_correction_rms vs Slug

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

Left Out: 2089.376+/-0.916 χ^2/NDF:13546.9/3

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

Left In: 2075.984+/-0.937 χ^2/NDF:58249.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2082.831+/-0.655 χ^2/NDF: 71900.5/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam2_mean vs Slug

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

Left Out: 793.890+/-1293.921 χ^2/NDF:6.9/3

Right Out: 358.685+/-1507.064 χ^2/NDF: 15.3/18

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

+ sign 1765.245+/-962.600 χ^2/NDF: 25.6/20

All: 649.440+/-691.539 χ^2/NDF: 46.7/42

- sign -540.660+/-994.131 χ^2/NDF: 18.4/21

asym_sam2_rms vs Slug

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

Left Out: 2084.873+/-0.915 χ^2/NDF:10282.6/3

Right Out: 3876.914+/-1.066 χ^2/NDF: 988409.8/18

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

+ sign 2749.609+/-0.681 χ^2/NDF: 2281078.5/20

All: 2801.392+/-0.489 χ^2/NDF: 4963976.3/42

- sign 2856.624+/-0.703 χ^2/NDF: 2670936.6/21

dit_asym_sam3_mean vs Slug

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

Left Out: 158.736+/-86.714 χ^2/NDF:2.6/3

Right Out: -59.008+/-53.165 χ^2/NDF: 16.4/18

Left In: 149.835+/-92.353 χ^2/NDF:0.0/2

+ sign 102.133+/-44.537 χ^2/NDF: 14.7/20

All: 49.407+/-32.023 χ^2/NDF: 37.9/42

- sign -7.025+/-46.076 χ^2/NDF: 20.3/21

dit_asym_sam3_rms vs Slug

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

Left Out: 137.254+/-0.061 χ^2/NDF:59169.5/3

Right Out: 131.007+/-0.038 χ^2/NDF: 1429260.8/18

Left In: 137.630+/-0.065 χ^2/NDF:182732.6/2

+ sign 129.218+/-0.031 χ^2/NDF: 1393080.7/20

All: 130.879+/-0.023 χ^2/NDF: 3018553.0/42

- sign 132.656+/-0.033 χ^2/NDF: 1619718.5/21

asym_sam3_correction_mean vs Slug

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

Left Out: -976.286+/-624.539 χ^2/NDF:11.2/3

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

Left In: -276.019+/-528.594 χ^2/NDF:1.9/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -568.288+/-403.478 χ^2/NDF: 13.8/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam3_correction_rms vs Slug

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

Left Out: 995.851+/-0.442 χ^2/NDF:104919.6/3

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

Left In: 788.481+/-0.374 χ^2/NDF:443803.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 875.031+/-0.285 χ^2/NDF: 677191.5/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam3_mean vs Slug

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

Left Out: 1176.851+/-637.853 χ^2/NDF:11.4/3

Right Out: 1094.278+/-602.639 χ^2/NDF: 11.0/18

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

+ sign 913.931+/-444.155 χ^2/NDF: 37.4/20

All: 784.886+/-297.570 χ^2/NDF: 50.8/42

- sign 679.791+/-400.827 χ^2/NDF: 13.3/21

asym_sam3_rms vs Slug

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

Left Out: 1017.406+/-0.451 χ^2/NDF:65874.4/3

Right Out: 1573.366+/-0.426 χ^2/NDF: 462040.3/18

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

+ sign 1299.807+/-0.314 χ^2/NDF: 1317704.6/20

All: 1212.003+/-0.210 χ^2/NDF: 4211706.3/42

- sign 1140.494+/-0.283 χ^2/NDF: 2752184.4/21

dit_asym_sam4_mean vs Slug

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

Left Out: 259.265+/-209.396 χ^2/NDF:4.6/3

Right Out: -265.661+/-99.379 χ^2/NDF: 14.7/18

Left In: -52.912+/-191.046 χ^2/NDF:0.2/2

+ sign 103.504+/-94.101 χ^2/NDF: 22.0/20

All: -68.961+/-64.338 χ^2/NDF: 44.2/42

- sign -220.353+/-88.164 χ^2/NDF: 15.9/21

dit_asym_sam4_rms vs Slug

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

Left Out: 333.989+/-0.148 χ^2/NDF:53361.3/3

Right Out: 256.268+/-0.070 χ^2/NDF: 696896.2/18

Left In: 297.643+/-0.135 χ^2/NDF:1057.7/2

+ sign 280.229+/-0.067 χ^2/NDF: 769302.9/20

All: 272.161+/-0.045 χ^2/NDF: 1568688.0/42

- sign 265.080+/-0.062 χ^2/NDF: 771781.7/21

asym_sam4_correction_mean vs Slug

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

Left Out: -2138.219+/-1336.478 χ^2/NDF:6.5/3

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

Left In: -2321.441+/-1279.456 χ^2/NDF:2.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -2233.822+/-924.213 χ^2/NDF: 8.6/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam4_correction_rms vs Slug

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

Left Out: 2142.032+/-0.945 χ^2/NDF:97802.9/3

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

Left In: 1990.239+/-0.905 χ^2/NDF:118796.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2062.828+/-0.654 χ^2/NDF: 230060.7/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam4_mean vs Slug

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

Left Out: 2487.155+/-1321.769 χ^2/NDF:7.6/3

Right Out: 1557.388+/-924.003 χ^2/NDF: 10.5/18

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

+ sign 1131.043+/-793.652 χ^2/NDF: 33.4/20

All: 1464.895+/-543.952 χ^2/NDF: 46.3/42

- sign 1760.647+/-746.994 χ^2/NDF: 12.6/21

asym_sam4_rms vs Slug

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

Left Out: 2117.667+/-0.935 χ^2/NDF:87654.8/3

Right Out: 2364.507+/-0.653 χ^2/NDF: 1023402.8/18

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

+ sign 2345.778+/-0.561 χ^2/NDF: 1087069.3/20

All: 2283.224+/-0.385 χ^2/NDF: 2376625.9/42

- sign 2227.810+/-0.528 χ^2/NDF: 1266126.0/21

dit_asym_sam5_mean vs Slug

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

Left Out: 201.976+/-93.633 χ^2/NDF:4.0/3

Right Out: -91.634+/-43.318 χ^2/NDF: 15.7/18

Left In: -103.391+/-91.441 χ^2/NDF:1.4/2

+ sign 52.162+/-41.606 χ^2/NDF: 19.7/20

All: -25.253+/-28.511 χ^2/NDF: 43.3/42

- sign -93.789+/-39.148 χ^2/NDF: 17.1/21

dit_asym_sam5_rms vs Slug

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

Left Out: 151.588+/-0.066 χ^2/NDF:4839.4/3

Right Out: 109.709+/-0.031 χ^2/NDF: 1242014.6/18

Left In: 144.341+/-0.065 χ^2/NDF:5574.0/2

+ sign 121.367+/-0.029 χ^2/NDF: 1672293.6/20

All: 118.550+/-0.020 χ^2/NDF: 3171459.1/42

- sign 116.057+/-0.028 χ^2/NDF: 1481886.4/21

asym_sam5_correction_mean vs Slug

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

Left Out: -405.542+/-613.948 χ^2/NDF:3.4/3

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

Left In: -1301.386+/-602.127 χ^2/NDF:2.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -862.171+/-429.887 χ^2/NDF: 6.6/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam5_correction_rms vs Slug

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

Left Out: 990.746+/-0.434 χ^2/NDF:32703.1/3

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

Left In: 945.593+/-0.426 χ^2/NDF:21463.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 967.731+/-0.304 χ^2/NDF: 59680.3/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam5_mean vs Slug

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

Left Out: 635.716+/-597.738 χ^2/NDF:3.4/3

Right Out: 488.583+/-282.758 χ^2/NDF: 22.6/18

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

+ sign 13.019+/-276.936 χ^2/NDF: 21.1/20

All: 342.767+/-187.482 χ^2/NDF: 49.7/42

- sign 621.759+/-254.733 χ^2/NDF: 26.1/21

asym_sam5_rms vs Slug

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

Left Out: 964.392+/-0.423 χ^2/NDF:33218.1/3

Right Out: 702.656+/-0.200 χ^2/NDF: 1689579.7/18

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

+ sign 801.506+/-0.196 χ^2/NDF: 1933614.9/20

All: 770.213+/-0.133 χ^2/NDF: 3915863.5/42

- sign 743.737+/-0.180 χ^2/NDF: 1935106.7/21

dit_asym_sam6_mean vs Slug

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

Left Out: 294.948+/-92.674 χ^2/NDF:5.2/3

Right Out: 9.277+/-45.600 χ^2/NDF: 14.7/18

Left In: -244.919+/-101.792 χ^2/NDF:0.3/2

+ sign 37.591+/-42.923 χ^2/NDF: 34.7/20

All: 1.096+/-29.878 χ^2/NDF: 56.3/42

- sign -33.208+/-41.615 χ^2/NDF: 20.2/21

dit_asym_sam6_rms vs Slug

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

Left Out: 149.917+/-0.066 χ^2/NDF:3389.4/3

Right Out: 116.618+/-0.032 χ^2/NDF: 997956.6/18

Left In: 159.852+/-0.072 χ^2/NDF:39146.4/2

+ sign 126.580+/-0.030 χ^2/NDF: 1227176.7/20

All: 125.170+/-0.021 χ^2/NDF: 2568955.0/42

- sign 123.844+/-0.029 χ^2/NDF: 1337588.8/21

asym_sam6_correction_mean vs Slug

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

Left Out: 31.552+/-578.779 χ^2/NDF:6.8/3

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

Left In: -760.052+/-633.599 χ^2/NDF:3.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -328.529+/-427.327 χ^2/NDF: 10.6/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam6_correction_rms vs Slug

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

Left Out: 935.324+/-0.409 χ^2/NDF:15087.9/3

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

Left In: 997.933+/-0.448 χ^2/NDF:28472.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 963.803+/-0.302 χ^2/NDF: 54205.6/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam6_mean vs Slug

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

Left Out: 282.883+/-566.810 χ^2/NDF:5.9/3

Right Out: 100.857+/-245.981 χ^2/NDF: 22.5/18

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

+ sign -205.884+/-228.771 χ^2/NDF: 23.6/20

All: -30.973+/-161.703 χ^2/NDF: 49.9/42

- sign 143.665+/-228.593 χ^2/NDF: 25.1/21

asym_sam6_rms vs Slug

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

Left Out: 916.055+/-0.401 χ^2/NDF:16272.8/3

Right Out: 585.070+/-0.174 χ^2/NDF: 2820837.8/18

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

+ sign 621.353+/-0.162 χ^2/NDF: 3923631.4/20

All: 629.728+/-0.114 χ^2/NDF: 7454273.4/42

- sign 638.089+/-0.162 χ^2/NDF: 3525286.0/21

dit_asym_sam7_mean vs Slug

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

Left Out: 61.550+/-60.508 χ^2/NDF:0.8/3

Right Out: 15.294+/-33.422 χ^2/NDF: 35.0/18

Left In: -122.358+/-58.356 χ^2/NDF:1.3/2

+ sign -33.624+/-30.055 χ^2/NDF: 10.2/20

All: -25.899+/-20.870 χ^2/NDF: 50.8/42

- sign -18.705+/-29.002 χ^2/NDF: 40.5/21

dit_asym_sam7_rms vs Slug

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

Left Out: 96.907+/-0.043 χ^2/NDF:45639.1/3

Right Out: 86.943+/-0.024 χ^2/NDF: 531359.9/18

Left In: 91.825+/-0.041 χ^2/NDF:852.3/2

+ sign 90.338+/-0.021 χ^2/NDF: 471383.6/20

All: 89.204+/-0.015 χ^2/NDF: 1019630.9/42

- sign 88.149+/-0.021 χ^2/NDF: 542753.2/21

asym_sam7_correction_mean vs Slug

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

Left Out: -303.274+/-196.283 χ^2/NDF:9.6/3

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

Left In: 25.393+/-192.084 χ^2/NDF:3.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -135.387+/-137.285 χ^2/NDF: 14.4/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam7_correction_rms vs Slug

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

Left Out: 315.233+/-0.139 χ^2/NDF:36470.1/3

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

Left In: 298.184+/-0.136 χ^2/NDF:135683.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 306.524+/-0.097 χ^2/NDF: 179861.2/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam7_mean vs Slug

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

Left Out: 400.340+/-194.387 χ^2/NDF:9.9/3

Right Out: 284.456+/-129.599 χ^2/NDF: 10.6/18

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

+ sign 195.855+/-114.980 χ^2/NDF: 32.2/20

All: 175.167+/-78.669 χ^2/NDF: 48.8/42

- sign 156.960+/-107.869 χ^2/NDF: 16.6/21

asym_sam7_rms vs Slug

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

Left Out: 312.057+/-0.137 χ^2/NDF:24080.0/3

Right Out: 309.105+/-0.092 χ^2/NDF: 2730308.7/18

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

+ sign 329.933+/-0.081 χ^2/NDF: 2092339.1/20

All: 317.772+/-0.056 χ^2/NDF: 4989020.8/42

- sign 307.069+/-0.076 χ^2/NDF: 2854618.8/21

dit_asym_sam8_mean vs Slug

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

Left Out: -233.672+/-52.583 χ^2/NDF:2.3/3

Right Out: 112.097+/-29.622 χ^2/NDF: 39.3/18

Left In: 165.081+/-49.561 χ^2/NDF:1.1/2

+ sign -205.886+/-26.318 χ^2/NDF: 21.7/20

All: -34.207+/-18.286 χ^2/NDF: 145.2/42

- sign 126.043+/-25.426 χ^2/NDF: 41.3/21

dit_asym_sam8_rms vs Slug

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

Left Out: 83.360+/-0.037 χ^2/NDF:81838.2/3

Right Out: 76.479+/-0.021 χ^2/NDF: 699361.8/18

Left In: 77.612+/-0.035 χ^2/NDF:1243.9/2

+ sign 78.363+/-0.019 χ^2/NDF: 706293.5/20

All: 77.543+/-0.013 χ^2/NDF: 1411423.3/42

- sign 76.777+/-0.018 χ^2/NDF: 701375.9/21

asym_sam8_correction_mean vs Slug

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

Left Out: -244.411+/-149.446 χ^2/NDF:8.0/3

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

Left In: -91.619+/-159.125 χ^2/NDF:2.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -172.803+/-108.935 χ^2/NDF: 11.1/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam8_correction_rms vs Slug

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

Left Out: 239.012+/-0.106 χ^2/NDF:96292.6/3

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

Left In: 247.602+/-0.113 χ^2/NDF:134112.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 243.038+/-0.077 χ^2/NDF: 233501.2/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam8_mean vs Slug

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

Left Out: 19.537+/-146.512 χ^2/NDF:9.1/3

Right Out: 164.141+/-76.903 χ^2/NDF: 11.9/18

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

+ sign -34.414+/-76.906 χ^2/NDF: 25.8/20

All: 89.046+/-51.471 χ^2/NDF: 45.2/42

- sign 189.213+/-69.273 χ^2/NDF: 14.7/21

asym_sam8_rms vs Slug

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

Left Out: 234.881+/-0.104 χ^2/NDF:60394.6/3

Right Out: 171.794+/-0.054 χ^2/NDF: 4092634.7/18

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

+ sign 210.314+/-0.054 χ^2/NDF: 3574169.6/20

All: 197.033+/-0.036 χ^2/NDF: 8268472.2/42

- sign 186.257+/-0.049 χ^2/NDF: 4586259.4/21

dit_asym_sam_15_avg_mean vs Slug

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

Left Out: 58.534+/-41.713 χ^2/NDF:2.4/3

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

Left In: 4.702+/-40.727 χ^2/NDF:0.4/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 30.974+/-29.141 χ^2/NDF: 3.7/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_15_avg_rms vs Slug

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

Left Out: 67.246+/-0.029 χ^2/NDF:30538.6/3

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

Left In: 64.183+/-0.029 χ^2/NDF:1690.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 65.678+/-0.021 χ^2/NDF: 37748.9/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_avg_correction_mean vs Slug

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

Left Out: -174.338+/-215.180 χ^2/NDF:2.7/3

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

Left In: -491.517+/-212.101 χ^2/NDF:1.9/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -335.213+/-151.055 χ^2/NDF: 5.7/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_avg_correction_rms vs Slug

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

Left Out: 346.624+/-0.152 χ^2/NDF:48452.0/3

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

Left In: 333.334+/-0.150 χ^2/NDF:1763.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 339.883+/-0.107 χ^2/NDF: 54085.3/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_avg_mean vs Slug

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

Left Out: 240.101+/-207.413 χ^2/NDF:3.1/3

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

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

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 361.932+/-146.094 χ^2/NDF: 6.0/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_avg_rms vs Slug

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

Left Out: 333.840+/-0.147 χ^2/NDF:48960.4/3

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

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

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 328.431+/-0.103 χ^2/NDF: 52085.2/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_26_avg_mean vs Slug

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

Left Out: 84.628+/-84.099 χ^2/NDF:0.8/3

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

Left In: -75.140+/-85.253 χ^2/NDF:1.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 5.832+/-59.871 χ^2/NDF: 3.6/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_26_avg_rms vs Slug

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

Left Out: 135.426+/-0.059 χ^2/NDF:13807.3/3

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

Left In: 132.698+/-0.060 χ^2/NDF:7452.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 134.081+/-0.042 χ^2/NDF: 22297.5/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_avg_correction_mean vs Slug

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

Left Out: -433.098+/-377.696 χ^2/NDF:8.4/3

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

Left In: 263.134+/-327.704 χ^2/NDF:2.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -35.887+/-247.523 χ^2/NDF: 12.7/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_avg_correction_rms vs Slug

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

Left Out: 606.662+/-0.267 χ^2/NDF:35896.4/3

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

Left In: 489.800+/-0.232 χ^2/NDF:394665.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 539.991+/-0.175 χ^2/NDF: 539795.5/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_avg_mean vs Slug

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

Left Out: 554.397+/-385.228 χ^2/NDF:7.9/3

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

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

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 29.584+/-250.630 χ^2/NDF: 12.7/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_avg_rms vs Slug

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

Left Out: 617.715+/-0.272 χ^2/NDF:21830.1/3

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

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

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 544.421+/-0.177 χ^2/NDF: 565940.4/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_37_avg_mean vs Slug

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

Left Out: 117.846+/-64.672 χ^2/NDF:1.4/3

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

Left In: 24.453+/-66.626 χ^2/NDF:0.4/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 72.540+/-46.406 χ^2/NDF: 2.9/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_37_avg_rms vs Slug

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

Left Out: 102.929+/-0.046 χ^2/NDF:51233.6/3

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

Left In: 102.389+/-0.047 χ^2/NDF:78505.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 102.667+/-0.033 χ^2/NDF: 129806.8/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_avg_correction_mean vs Slug

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

Left Out: -639.236+/-406.244 χ^2/NDF:10.9/3

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

Left In: -120.290+/-356.490 χ^2/NDF:2.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -346.055+/-267.950 χ^2/NDF: 14.0/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_avg_correction_rms vs Slug

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

Left Out: 648.873+/-0.287 χ^2/NDF:87345.2/3

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

Left In: 538.011+/-0.252 χ^2/NDF:358942.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 586.241+/-0.189 χ^2/NDF: 530434.5/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_avg_mean vs Slug

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

Left Out: 788.594+/-411.692 χ^2/NDF:11.2/3

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

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

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 396.459+/-272.048 χ^2/NDF: 14.6/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_avg_rms vs Slug

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

Left Out: 657.527+/-0.291 χ^2/NDF:55668.0/3

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

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

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 594.482+/-0.192 χ^2/NDF: 488406.3/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_48_avg_mean vs Slug

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

Left Out: 10.481+/-122.086 χ^2/NDF:4.7/3

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

Left In: 44.330+/-110.321 χ^2/NDF:0.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 29.115+/-81.853 χ^2/NDF: 4.8/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_48_avg_rms vs Slug

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

Left Out: 193.804+/-0.086 χ^2/NDF:73625.4/3

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

Left In: 172.077+/-0.078 χ^2/NDF:865.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 181.843+/-0.058 χ^2/NDF: 109360.4/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_48_avg_correction_mean vs Slug

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

Left Out: -1234.947+/-713.896 χ^2/NDF:7.0/3

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

Left In: -1200.634+/-690.863 χ^2/NDF:2.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1217.228+/-496.457 χ^2/NDF: 9.2/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_48_avg_correction_rms vs Slug

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

Left Out: 1142.473+/-0.505 χ^2/NDF:106301.0/3

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

Left In: 1071.972+/-0.489 χ^2/NDF:144909.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1106.067+/-0.351 χ^2/NDF: 261283.3/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_48_avg_mean vs Slug

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

Left Out: 1295.728+/-705.139 χ^2/NDF:8.3/3

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

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

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1250.507+/-491.990 χ^2/NDF: 10.2/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_48_avg_rms vs Slug

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

Left Out: 1128.098+/-0.499 χ^2/NDF:93099.4/3

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

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

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1095.131+/-0.348 χ^2/NDF: 244145.9/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_15_dd_mean vs Slug

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

Left Out: -151.570+/-61.628 χ^2/NDF:4.3/3

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

Left In: 105.926+/-62.452 χ^2/NDF:2.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -24.532+/-43.866 χ^2/NDF: 15.0/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_15_dd_rms vs Slug

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

Left Out: 99.859+/-0.044 χ^2/NDF:1538.3/3

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

Left In: 98.626+/-0.044 χ^2/NDF:4944.4/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 99.251+/-0.031 χ^2/NDF: 6878.1/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_dd_correction_mean vs Slug

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

Left Out: 238.759+/-401.011 χ^2/NDF:3.9/3

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

Left In: 804.280+/-393.869 χ^2/NDF:2.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 526.600+/-280.998 χ^2/NDF: 7.0/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_dd_correction_rms vs Slug

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

Left Out: 647.346+/-0.284 χ^2/NDF:28361.4/3

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

Left In: 617.861+/-0.279 χ^2/NDF:41213.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 632.339+/-0.199 χ^2/NDF: 75078.5/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_dd_mean vs Slug

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

Left Out: -401.275+/-393.841 χ^2/NDF:3.5/3

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

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

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -557.099+/-276.201 χ^2/NDF: 6.1/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_dd_rms vs Slug

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

Left Out: 635.780+/-0.278 χ^2/NDF:28294.3/3

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

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

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 621.468+/-0.195 χ^2/NDF: 73679.1/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_26_dd_mean vs Slug

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

Left Out: -242.062+/-128.190 χ^2/NDF:2.6/3

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

Left In: 203.908+/-128.496 χ^2/NDF:1.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -19.608+/-90.752 χ^2/NDF: 10.5/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_26_dd_rms vs Slug

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

Left Out: 207.647+/-0.091 χ^2/NDF:5752.4/3

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

Left In: 202.918+/-0.091 χ^2/NDF:4820.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 205.288+/-0.064 χ^2/NDF: 11930.6/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_dd_correction_mean vs Slug

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

Left Out: -466.674+/-929.772 χ^2/NDF:7.4/3

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

Left In: 1033.440+/-982.895 χ^2/NDF:2.9/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 241.750+/-675.448 χ^2/NDF: 11.6/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_dd_correction_rms vs Slug

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

Left Out: 1500.796+/-0.657 χ^2/NDF:10469.4/3

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

Left In: 1547.638+/-0.695 χ^2/NDF:19984.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1522.917+/-0.478 χ^2/NDF: 32850.7/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_dd_mean vs Slug

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

Left Out: 243.772+/-921.837 χ^2/NDF:6.6/3

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

Left In: -803.556+/-974.680 χ^2/NDF:2.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -250.733+/-669.740 χ^2/NDF: 9.7/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_dd_rms vs Slug

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

Left Out: 1487.595+/-0.652 χ^2/NDF:9428.7/3

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

Left In: 1534.499+/-0.689 χ^2/NDF:20343.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1509.741+/-0.474 χ^2/NDF: 32216.7/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_37_dd_mean vs Slug

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

Left Out: 24.246+/-38.492 χ^2/NDF:4.0/3

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

Left In: 132.001+/-44.685 χ^2/NDF:0.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 70.145+/-29.164 χ^2/NDF: 7.6/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_37_dd_rms vs Slug

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

Left Out: 61.277+/-0.027 χ^2/NDF:63398.3/3

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

Left In: 67.449+/-0.032 χ^2/NDF:166322.4/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 63.906+/-0.021 χ^2/NDF: 251623.0/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_dd_correction_mean vs Slug

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

Left Out: -337.918+/-222.062 χ^2/NDF:11.4/3

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

Left In: -160.157+/-179.264 χ^2/NDF:1.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -230.294+/-139.486 χ^2/NDF: 13.1/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_dd_correction_rms vs Slug

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

Left Out: 353.122+/-0.157 χ^2/NDF:135557.9/3

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

Left In: 262.736+/-0.127 χ^2/NDF:565224.9/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 298.399+/-0.099 χ^2/NDF: 901391.4/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_dd_mean vs Slug

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

Left Out: 389.314+/-229.984 χ^2/NDF:11.4/3

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

Left In: 273.684+/-182.607 χ^2/NDF:0.9/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 318.394+/-143.010 χ^2/NDF: 12.5/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_dd_rms vs Slug

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

Left Out: 366.172+/-0.163 χ^2/NDF:82847.2/3

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

Left In: 266.184+/-0.129 χ^2/NDF:554935.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 304.846+/-0.101 χ^2/NDF: 869646.4/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_48_dd_mean vs Slug

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

Left Out: 248.078+/-91.072 χ^2/NDF:4.0/3

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

Left In: -91.846+/-85.472 χ^2/NDF:0.4/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 67.343+/-62.323 χ^2/NDF: 11.9/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_48_dd_rms vs Slug

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

Left Out: 146.243+/-0.064 χ^2/NDF:26960.0/3

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

Left In: 133.078+/-0.060 χ^2/NDF:3136.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 139.243+/-0.044 χ^2/NDF: 52315.9/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_48_dd_correction_mean vs Slug

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

Left Out: -902.298+/-627.048 χ^2/NDF:5.9/3

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

Left In: -1121.448+/-593.501 χ^2/NDF:2.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1017.891+/-431.040 χ^2/NDF: 7.9/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_48_dd_correction_rms vs Slug

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

Left Out: 1006.538+/-0.443 χ^2/NDF:88725.9/3

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

Left In: 926.082+/-0.420 χ^2/NDF:85404.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 964.100+/-0.305 χ^2/NDF: 191498.1/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_48_dd_mean vs Slug

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

Left Out: 1189.599+/-621.082 χ^2/NDF:6.8/3

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

Left In: 941.951+/-587.260 χ^2/NDF:1.9/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1058.848+/-426.712 χ^2/NDF: 8.8/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_48_dd_rms vs Slug

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

Left Out: 996.616+/-0.439 χ^2/NDF:81342.4/3

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

Left In: 913.832+/-0.415 χ^2/NDF:81928.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 952.909+/-0.302 χ^2/NDF: 182030.7/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_13_57_dd_mean vs Slug

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

Left Out: -63.426+/-37.726 χ^2/NDF:4.6/3

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

Left In: 135.194+/-39.898 χ^2/NDF:1.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 30.330+/-27.412 χ^2/NDF: 18.8/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_13_57_dd_rms vs Slug

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

Left Out: 61.051+/-0.027 χ^2/NDF:579.1/3

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

Left In: 62.706+/-0.028 χ^2/NDF:5191.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 61.833+/-0.019 χ^2/NDF: 7587.4/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_13_57_dd_correction_mean vs Slug

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

Left Out: -62.240+/-230.291 χ^2/NDF:6.6/3

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

Left In: 288.975+/-228.667 χ^2/NDF:2.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 114.611+/-162.263 χ^2/NDF: 10.3/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_13_57_dd_correction_rms vs Slug

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

Left Out: 372.440+/-0.163 χ^2/NDF:15602.3/3

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

Left In: 360.443+/-0.162 χ^2/NDF:6310.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 366.399+/-0.115 χ^2/NDF: 24645.9/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_13_57_dd_mean vs Slug

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

Left Out: -53.293+/-224.835 χ^2/NDF:5.6/3

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

Left In: -171.287+/-223.357 χ^2/NDF:2.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -112.679+/-158.457 χ^2/NDF: 7.7/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_13_57_dd_rms vs Slug

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

Left Out: 363.515+/-0.159 χ^2/NDF:11097.0/3

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

Left In: 351.799+/-0.158 χ^2/NDF:6871.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 357.619+/-0.112 χ^2/NDF: 20701.6/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_15_37_dd_mean vs Slug

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

Left Out: -23.283+/-32.764 χ^2/NDF:0.6/3

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

Left In: -16.436+/-36.232 χ^2/NDF:1.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -20.203+/-24.301 χ^2/NDF: 1.7/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_15_37_dd_rms vs Slug

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

Left Out: 52.766+/-0.023 χ^2/NDF:17144.3/3

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

Left In: 55.794+/-0.026 χ^2/NDF:64301.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 54.128+/-0.017 χ^2/NDF: 89129.3/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_37_dd_correction_mean vs Slug

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

Left Out: 203.753+/-221.149 χ^2/NDF:8.3/3

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

Left In: -188.529+/-201.625 χ^2/NDF:2.4/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -10.465+/-148.995 χ^2/NDF: 12.5/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_37_dd_correction_rms vs Slug

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

Left Out: 355.325+/-0.156 χ^2/NDF:31110.2/3

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

Left In: 308.770+/-0.143 χ^2/NDF:222939.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 329.902+/-0.105 χ^2/NDF: 302452.3/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_37_dd_mean vs Slug

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

Left Out: -260.739+/-223.085 χ^2/NDF:8.7/3

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

Left In: 224.120+/-202.830 χ^2/NDF:2.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4.697+/-150.074 χ^2/NDF: 14.0/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_37_dd_rms vs Slug

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

Left Out: 358.096+/-0.158 χ^2/NDF:19113.7/3

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

Left In: 309.705+/-0.143 χ^2/NDF:225882.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 331.604+/-0.106 χ^2/NDF: 296513.0/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_24_68_dd_mean vs Slug

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

Left Out: 24.059+/-66.502 χ^2/NDF:2.2/3

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

Left In: 55.312+/-63.923 χ^2/NDF:0.4/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 40.303+/-46.085 χ^2/NDF: 2.7/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_24_68_dd_rms vs Slug

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

Left Out: 107.305+/-0.047 χ^2/NDF:4643.3/3

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

Left In: 100.307+/-0.045 χ^2/NDF:154.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 103.667+/-0.033 χ^2/NDF: 16308.9/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_24_68_dd_correction_mean vs Slug

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

Left Out: -768.977+/-554.875 χ^2/NDF:10.8/3

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

Left In: 21.607+/-566.960 χ^2/NDF:2.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -382.201+/-396.559 χ^2/NDF: 14.2/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_24_68_dd_correction_rms vs Slug

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

Left Out: 889.262+/-0.392 χ^2/NDF:49067.4/3

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

Left In: 880.929+/-0.401 χ^2/NDF:136761.4/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 885.185+/-0.280 χ^2/NDF: 186049.4/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_24_68_dd_mean vs Slug

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

Left Out: 830.940+/-558.430 χ^2/NDF:10.3/3

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

Left In: 13.947+/-571.594 χ^2/NDF:2.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 431.960+/-399.443 χ^2/NDF: 13.5/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_24_68_dd_rms vs Slug

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

Left Out: 894.834+/-0.395 χ^2/NDF:38228.1/3

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

Left In: 888.290+/-0.404 χ^2/NDF:131475.4/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 891.638+/-0.282 χ^2/NDF: 169837.6/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_26_48_dd_mean vs Slug

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

Left Out: 23.561+/-63.649 χ^2/NDF:2.9/3

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

Left In: -77.294+/-60.741 χ^2/NDF:0.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -29.223+/-43.942 χ^2/NDF: 5.0/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_26_48_dd_rms vs Slug

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

Left Out: 102.423+/-0.045 χ^2/NDF:41670.1/3

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

Left In: 94.579+/-0.043 χ^2/NDF:10084.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 98.318+/-0.031 χ^2/NDF: 67652.6/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_48_dd_correction_mean vs Slug

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

Left Out: 374.889+/-324.934 χ^2/NDF:3.2/3

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

Left In: 702.257+/-310.414 χ^2/NDF:1.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 546.051+/-224.454 χ^2/NDF: 5.2/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_48_dd_correction_rms vs Slug

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

Left Out: 521.859+/-0.230 χ^2/NDF:77581.8/3

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

Left In: 485.466+/-0.219 χ^2/NDF:33168.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 502.831+/-0.159 χ^2/NDF: 123868.4/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_48_dd_mean vs Slug

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

Left Out: -371.449+/-311.708 χ^2/NDF:3.7/3

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

Left In: -722.828+/-300.054 χ^2/NDF:1.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -553.830+/-216.173 χ^2/NDF: 6.0/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_48_dd_rms vs Slug

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

Left Out: 500.096+/-0.220 χ^2/NDF:79101.4/3

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

Left In: 467.793+/-0.212 χ^2/NDF:41021.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 483.329+/-0.153 χ^2/NDF: 131272.3/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_1548_avg_mean vs Slug

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

Left Out: 31.634+/-78.597 χ^2/NDF:4.3/3

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

Left In: 25.432+/-71.199 χ^2/NDF:0.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 28.228+/-52.768 χ^2/NDF: 4.5/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_1548_avg_rms vs Slug

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

Left Out: 125.190+/-0.056 χ^2/NDF:67907.1/3

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

Left In: 111.442+/-0.050 χ^2/NDF:1647.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 117.639+/-0.037 χ^2/NDF: 103163.6/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1548_avg_correction_mean vs Slug

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

Left Out: -700.821+/-438.357 χ^2/NDF:5.3/3

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

Left In: -855.023+/-430.015 χ^2/NDF:2.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -779.403+/-306.973 χ^2/NDF: 7.5/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1548_avg_correction_rms vs Slug

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

Left Out: 702.682+/-0.310 χ^2/NDF:97363.4/3

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

Left In: 671.043+/-0.304 χ^2/NDF:88377.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 686.558+/-0.217 χ^2/NDF: 191050.2/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1548_avg_mean vs Slug

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

Left Out: 757.250+/-429.491 χ^2/NDF:6.4/3

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

Left In: 854.828+/-424.369 χ^2/NDF:2.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 806.624+/-301.869 χ^2/NDF: 8.5/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1548_avg_rms vs Slug

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

Left Out: 688.086+/-0.304 χ^2/NDF:89609.4/3

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

Left In: 661.162+/-0.300 χ^2/NDF:90166.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 674.463+/-0.213 χ^2/NDF: 183752.7/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_3748_avg_mean vs Slug

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

Left Out: 66.131+/-86.597 χ^2/NDF:3.8/3

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

Left In: 30.205+/-81.112 χ^2/NDF:0.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 46.994+/-59.199 χ^2/NDF: 4.0/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_3748_avg_rms vs Slug

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

Left Out: 137.336+/-0.061 χ^2/NDF:70073.8/3

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

Left In: 126.133+/-0.057 χ^2/NDF:5899.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 131.368+/-0.042 χ^2/NDF: 93803.0/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_3748_avg_correction_mean vs Slug

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

Left Out: -941.782+/-531.303 χ^2/NDF:9.2/3

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

Left In: -674.392+/-498.921 χ^2/NDF:2.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -799.691+/-363.700 χ^2/NDF: 11.5/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_3748_avg_correction_rms vs Slug

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

Left Out: 848.857+/-0.376 χ^2/NDF:108921.1/3

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

Left In: 767.093+/-0.353 χ^2/NDF:225148.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 805.407+/-0.257 χ^2/NDF: 359239.9/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_3748_avg_mean vs Slug

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

Left Out: 1047.660+/-531.534 χ^2/NDF:10.3/3

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

Left In: 677.613+/-501.866 χ^2/NDF:1.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 852.022+/-364.911 χ^2/NDF: 12.3/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_3748_avg_rms vs Slug

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

Left Out: 849.291+/-0.376 χ^2/NDF:85669.4/3

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

Left In: 770.440+/-0.355 χ^2/NDF:215261.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 807.604+/-0.258 χ^2/NDF: 324200.0/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_1526_avg_mean vs Slug

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

Left Out: 76.216+/-47.736 χ^2/NDF:1.5/3

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

Left In: -30.720+/-46.387 χ^2/NDF:0.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 21.216+/-33.267 χ^2/NDF: 4.8/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_1526_avg_rms vs Slug

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

Left Out: 76.559+/-0.034 χ^2/NDF:21182.5/3

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

Left In: 72.684+/-0.033 χ^2/NDF:10033.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 74.566+/-0.024 χ^2/NDF: 37992.6/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1526_avg_correction_mean vs Slug

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

Left Out: -320.590+/-177.635 χ^2/NDF:10.3/3

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

Left In: -146.960+/-165.866 χ^2/NDF:2.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -227.833+/-121.232 χ^2/NDF: 13.0/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1526_avg_correction_rms vs Slug

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

Left Out: 283.535+/-0.126 χ^2/NDF:102288.3/3

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

Left In: 252.395+/-0.117 χ^2/NDF:311834.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 266.900+/-0.086 χ^2/NDF: 446957.8/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1526_avg_mean vs Slug

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

Left Out: 412.498+/-185.605 χ^2/NDF:10.2/3

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

Left In: 130.942+/-174.269 χ^2/NDF:1.4/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 262.860+/-127.045 χ^2/NDF: 12.9/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1526_avg_rms vs Slug

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

Left Out: 296.377+/-0.131 χ^2/NDF:67918.1/3

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

Left In: 265.430+/-0.123 χ^2/NDF:280541.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 279.929+/-0.090 χ^2/NDF: 378011.1/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_3726_avg_mean vs Slug

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

Left Out: 105.476+/-68.975 χ^2/NDF:1.1/3

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

Left In: -25.980+/-70.316 χ^2/NDF:0.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 41.014+/-49.240 χ^2/NDF: 3.6/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_3726_avg_rms vs Slug

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

Left Out: 110.452+/-0.049 χ^2/NDF:20835.9/3

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

Left In: 108.705+/-0.050 χ^2/NDF:34313.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 109.595+/-0.035 χ^2/NDF: 55778.9/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_3726_avg_correction_mean vs Slug

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

Left Out: -545.672+/-381.180 χ^2/NDF:10.0/3

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

Left In: 75.478+/-332.870 χ^2/NDF:2.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -193.264+/-250.726 χ^2/NDF: 13.8/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_3726_avg_correction_rms vs Slug

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

Left Out: 610.389+/-0.270 χ^2/NDF:59381.5/3

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

Left In: 499.815+/-0.235 χ^2/NDF:383093.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 547.655+/-0.177 χ^2/NDF: 537957.0/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_3726_avg_mean vs Slug

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

Left Out: 681.955+/-388.458 χ^2/NDF:9.9/3

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

Left In: -133.546+/-337.622 χ^2/NDF:1.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 217.386+/-254.826 χ^2/NDF: 14.1/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_3726_avg_rms vs Slug

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

Left Out: 621.481+/-0.275 χ^2/NDF:35896.8/3

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

Left In: 504.882+/-0.239 χ^2/NDF:389300.9/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 555.057+/-0.180 χ^2/NDF: 527847.0/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_15_48_dd_mean vs Slug

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

Left Out: 19.425+/-46.612 χ^2/NDF:4.7/3

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

Left In: -20.764+/-42.817 χ^2/NDF:0.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -2.372+/-31.533 χ^2/NDF: 5.2/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_15_48_dd_rms vs Slug

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

Left Out: 73.795+/-0.033 χ^2/NDF:72774.6/3

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

Left In: 66.383+/-0.030 χ^2/NDF:2870.4/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 69.775+/-0.022 χ^2/NDF: 103075.2/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_48_dd_correction_mean vs Slug

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

Left Out: 522.386+/-293.454 χ^2/NDF:9.5/3

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

Left In: 343.909+/-277.532 χ^2/NDF:2.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 428.175+/-201.639 χ^2/NDF: 11.9/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_48_dd_correction_rms vs Slug

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

Left Out: 468.744+/-0.208 χ^2/NDF:107939.2/3

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

Left In: 426.967+/-0.196 χ^2/NDF:220441.9/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 446.692+/-0.143 χ^2/NDF: 349778.4/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_48_dd_mean vs Slug

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

Left Out: -529.529+/-293.046 χ^2/NDF:10.8/3

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

Left In: -345.477+/-278.641 χ^2/NDF:1.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -432.868+/-201.929 χ^2/NDF: 12.8/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_48_dd_rms vs Slug

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

Left Out: 468.111+/-0.207 χ^2/NDF:87856.1/3

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

Left In: 427.878+/-0.197 χ^2/NDF:213540.4/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 446.982+/-0.143 χ^2/NDF: 321195.4/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_37_48_dd_mean vs Slug

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

Left Out: 47.699+/-45.626 χ^2/NDF:5.0/3

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

Left In: -19.149+/-43.392 χ^2/NDF:0.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 12.598+/-31.443 χ^2/NDF: 6.7/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_37_48_dd_rms vs Slug

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

Left Out: 72.999+/-0.032 χ^2/NDF:69124.9/3

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

Left In: 67.891+/-0.031 χ^2/NDF:4846.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 70.317+/-0.022 χ^2/NDF: 87135.5/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_48_dd_correction_mean vs Slug

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

Left Out: 262.844+/-232.776 χ^2/NDF:2.7/3

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

Left In: 516.985+/-228.609 χ^2/NDF:1.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 392.210+/-163.104 χ^2/NDF: 5.1/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_48_dd_correction_rms vs Slug

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

Left Out: 373.979+/-0.165 χ^2/NDF:74993.2/3

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

Left In: 358.596+/-0.162 χ^2/NDF:17898.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 366.149+/-0.115 χ^2/NDF: 97337.7/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_48_dd_mean vs Slug

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

Left Out: -235.598+/-224.532 χ^2/NDF:3.5/3

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

Left In: -516.244+/-222.577 χ^2/NDF:1.9/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -377.148+/-158.072 χ^2/NDF: 6.2/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_48_dd_rms vs Slug

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

Left Out: 360.324+/-0.159 χ^2/NDF:78121.8/3

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

Left In: 348.501+/-0.157 χ^2/NDF:22891.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 354.361+/-0.112 χ^2/NDF: 103810.3/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_15_26_dd_mean vs Slug

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

Left Out: 1.925+/-45.982 χ^2/NDF:0.5/3

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

Left In: 39.970+/-48.001 χ^2/NDF:1.4/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 20.130+/-33.205 χ^2/NDF: 2.2/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_15_26_dd_rms vs Slug

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

Left Out: 74.393+/-0.033 χ^2/NDF:4219.0/3

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

Left In: 74.505+/-0.034 χ^2/NDF:2275.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 74.447+/-0.023 χ^2/NDF: 6500.1/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_26_dd_correction_mean vs Slug

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

Left Out: 104.794+/-250.156 χ^2/NDF:6.2/3

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

Left In: -359.686+/-231.275 χ^2/NDF:2.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -145.634+/-169.819 χ^2/NDF: 10.2/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_26_dd_correction_rms vs Slug

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

Left Out: 403.522+/-0.177 χ^2/NDF:17708.4/3

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

Left In: 356.366+/-0.164 χ^2/NDF:150303.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 378.098+/-0.120 χ^2/NDF: 206329.6/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_26_dd_mean vs Slug

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

Left Out: -118.320+/-247.894 χ^2/NDF:6.0/3

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

Left In: 423.164+/-226.091 χ^2/NDF:1.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 177.277+/-167.048 χ^2/NDF: 10.5/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_26_dd_rms vs Slug

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

Left Out: 399.354+/-0.175 χ^2/NDF:12325.1/3

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

Left In: 346.369+/-0.160 χ^2/NDF:177766.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 370.429+/-0.118 χ^2/NDF: 239968.9/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_37_26_dd_mean vs Slug

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

Left Out: 16.173+/-29.804 χ^2/NDF:0.1/3

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

Left In: 50.600+/-30.267 χ^2/NDF:0.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 33.121+/-21.236 χ^2/NDF: 1.5/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_37_26_dd_rms vs Slug

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

Left Out: 48.233+/-0.021 χ^2/NDF:10335.2/3

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

Left In: 47.508+/-0.021 χ^2/NDF:7714.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 47.876+/-0.015 χ^2/NDF: 18631.8/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_26_dd_correction_mean vs Slug

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

Left Out: -109.955+/-93.242 χ^2/NDF:4.3/3

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

Left In: -179.842+/-80.932 χ^2/NDF:0.9/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -149.813+/-61.120 χ^2/NDF: 5.5/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_26_dd_correction_rms vs Slug

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

Left Out: 149.624+/-0.066 χ^2/NDF:83577.7/3

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

Left In: 124.661+/-0.057 χ^2/NDF:125446.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 135.387+/-0.043 χ^2/NDF: 290778.7/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_26_dd_mean vs Slug

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

Left Out: 133.786+/-90.043 χ^2/NDF:4.2/3

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

Left In: 198.523+/-79.254 χ^2/NDF:1.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 170.263+/-59.492 χ^2/NDF: 5.7/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_26_dd_rms vs Slug

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

Left Out: 144.470+/-0.064 χ^2/NDF:74572.8/3

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

Left In: 121.460+/-0.056 χ^2/NDF:139335.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 131.505+/-0.042 χ^2/NDF: 287495.6/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_1357_avg_mean vs Slug

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

Left Out: 84.451+/-43.559 χ^2/NDF:2.3/3

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

Left In: 12.238+/-42.241 χ^2/NDF:0.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 47.235+/-30.324 χ^2/NDF: 3.8/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_1357_avg_rms vs Slug

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

Left Out: 69.356+/-0.031 χ^2/NDF:58208.6/3

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

Left In: 65.925+/-0.030 χ^2/NDF:19346.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 67.588+/-0.021 χ^2/NDF: 83952.5/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1357_avg_correction_mean vs Slug

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

Left Out: -393.876+/-241.966 χ^2/NDF:8.1/3

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

Left In: -346.651+/-227.632 χ^2/NDF:1.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -368.823+/-165.796 χ^2/NDF: 9.8/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1357_avg_correction_rms vs Slug

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

Left Out: 386.976+/-0.171 χ^2/NDF:105256.9/3

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

Left In: 350.759+/-0.161 χ^2/NDF:207672.9/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 367.763+/-0.117 χ^2/NDF: 336700.3/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1357_avg_mean vs Slug

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

Left Out: 517.502+/-239.537 χ^2/NDF:9.7/3

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

Left In: 334.054+/-225.609 χ^2/NDF:1.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 420.290+/-164.233 χ^2/NDF: 11.7/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1357_avg_rms vs Slug

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

Left Out: 382.901+/-0.169 χ^2/NDF:82384.9/3

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

Left In: 346.746+/-0.160 χ^2/NDF:206588.4/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 363.742+/-0.116 χ^2/NDF: 313118.8/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_2468_avg_mean vs Slug

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

Left Out: 58.625+/-84.092 χ^2/NDF:3.4/3

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

Left In: -15.206+/-77.765 χ^2/NDF:0.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 18.828+/-57.094 χ^2/NDF: 4.2/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_2468_avg_rms vs Slug

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

Left Out: 133.603+/-0.059 χ^2/NDF:48337.7/3

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

Left In: 121.063+/-0.055 χ^2/NDF:10394.9/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 126.843+/-0.040 χ^2/NDF: 82707.3/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_2468_avg_correction_mean vs Slug

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

Left Out: -842.161+/-466.722 χ^2/NDF:10.0/3

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

Left In: -489.476+/-440.850 χ^2/NDF:2.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -655.773+/-320.484 χ^2/NDF: 12.5/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_2468_avg_correction_rms vs Slug

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

Left Out: 745.241+/-0.330 χ^2/NDF:106561.3/3

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

Left In: 675.757+/-0.312 χ^2/NDF:251391.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 708.520+/-0.227 χ^2/NDF: 381379.3/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_2468_avg_mean vs Slug

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

Left Out: 937.921+/-473.163 χ^2/NDF:10.9/3

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

Left In: 476.331+/-448.321 χ^2/NDF:1.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 694.691+/-325.439 χ^2/NDF: 13.1/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_2468_avg_rms vs Slug

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

Left Out: 755.714+/-0.335 χ^2/NDF:80686.5/3

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

Left In: 686.457+/-0.317 χ^2/NDF:239061.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 719.220+/-0.230 χ^2/NDF: 342325.7/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_1357_2468_dd_mean vs Slug

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

Left Out: 15.731+/-23.890 χ^2/NDF:3.6/3

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

Left In: 11.302+/-21.847 χ^2/NDF:0.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 13.319+/-16.122 χ^2/NDF: 4.2/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_1357_2468_dd_rms vs Slug

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

Left Out: 38.065+/-0.017 χ^2/NDF:40225.5/3

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

Left In: 34.081+/-0.015 χ^2/NDF:7693.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 35.895+/-0.011 χ^2/NDF: 78203.1/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1357_2468_dd_correction_mean vs Slug

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

Left Out: 221.669+/-119.035 χ^2/NDF:10.9/3

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

Left In: 73.474+/-114.229 χ^2/NDF:2.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 144.520+/-82.419 χ^2/NDF: 14.5/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1357_2468_dd_correction_rms vs Slug

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

Left Out: 190.092+/-0.084 χ^2/NDF:97149.7/3

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

Left In: 175.018+/-0.081 χ^2/NDF:252417.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 182.245+/-0.058 χ^2/NDF: 366263.9/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1357_2468_dd_mean vs Slug

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

Left Out: -209.703+/-120.741 χ^2/NDF:11.3/3

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

Left In: -70.749+/-116.034 χ^2/NDF:1.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -137.465+/-83.663 χ^2/NDF: 13.7/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1357_2468_dd_rms vs Slug

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

Left Out: 192.818+/-0.085 χ^2/NDF:76801.0/3

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

Left In: 177.516+/-0.082 χ^2/NDF:245901.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 184.863+/-0.059 χ^2/NDF: 339401.3/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_12345678_avg_mean vs Slug

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

Left Out: 72.701+/-62.595 χ^2/NDF:3.1/3

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

Left In: -1.925+/-58.719 χ^2/NDF:0.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 33.006+/-42.825 χ^2/NDF: 4.1/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_12345678_avg_rms vs Slug

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

Left Out: 99.469+/-0.044 χ^2/NDF:52169.1/3

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

Left In: 91.470+/-0.042 χ^2/NDF:11096.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 95.214+/-0.030 χ^2/NDF: 80635.3/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_12345678_avg_correction_mean vs Slug

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

Left Out: -618.697+/-352.186 χ^2/NDF:9.4/3

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

Left In: -417.640+/-331.781 χ^2/NDF:2.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -512.176+/-241.496 χ^2/NDF: 11.6/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_12345678_avg_correction_rms vs Slug

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

Left Out: 562.566+/-0.249 χ^2/NDF:107400.9/3

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

Left In: 509.239+/-0.235 χ^2/NDF:240956.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 534.313+/-0.171 χ^2/NDF: 372651.0/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_12345678_avg_mean vs Slug

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

Left Out: 727.469+/-355.044 χ^2/NDF:10.5/3

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

Left In: 405.272+/-335.422 χ^2/NDF:1.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 557.221+/-243.821 χ^2/NDF: 12.7/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_12345678_avg_rms vs Slug

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

Left Out: 567.178+/-0.251 χ^2/NDF:81576.5/3

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

Left In: 514.093+/-0.237 χ^2/NDF:230801.4/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 539.128+/-0.172 χ^2/NDF: 336002.7/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_usl_4aX_slope vs Slug

Right In: -158.222+/-0.000 χ^2/NDF: 117166.2/15

Left Out: -297.411+/-0.455 χ^2/NDF:12346.8/2

Right Out: -194.268+/-0.165 χ^2/NDF: 176560.4/17

Left In: -324.327+/-0.378 χ^2/NDF:11926.2/2

+ sign -158.222+/-0.000 χ^2/NDF: 223030.9/18

All: -158.222+/-0.000 χ^2/NDF: 652619.5/39

- sign -215.146+/-0.151 χ^2/NDF: 288052.1/20

dit_usl_4eX_slope vs Slug

Right In: 174.085+/-0.000 χ^2/NDF: 53377.4/15

Left Out: 269.061+/-0.486 χ^2/NDF:14015.6/2

Right Out: 149.948+/-0.196 χ^2/NDF: 167846.4/17

Left In: 300.903+/-0.402 χ^2/NDF:11923.0/2

+ sign 174.085+/-0.000 χ^2/NDF: 105645.2/18

All: 174.085+/-0.000 χ^2/NDF: 400242.0/39

- sign 178.848+/-0.176 χ^2/NDF: 293863.1/20

dit_usl_11X12X_slope vs Slug

Right In: -46.126+/-0.000 χ^2/NDF: 201273.7/15

Left Out: -43.878+/-0.018 χ^2/NDF:41586.3/2

Right Out: -28.139+/-0.000 χ^2/NDF: 746939.9/17

Left In: -55.961+/-0.043 χ^2/NDF:18447.5/2

+ sign -46.126+/-0.000 χ^2/NDF: 258303.6/18

All: -39.778+/-0.000 χ^2/NDF: 24879599323 1

- sign -28.139+/-0.000 χ^2/NDF: 1180210.0/20

dit_usl_4aY_slope vs Slug

Right In: -2.061+/-0.018 χ^2/NDF: 25665.1/15

Left Out: 0.018+/-0.026 χ^2/NDF:980.8/2

Right Out: 13.204+/-0.000 χ^2/NDF: 509721.0/17

Left In: -0.372+/-0.021 χ^2/NDF:833.0/2

+ sign -1.394+/-0.015 χ^2/NDF: 31009.1/18

All: 13.204+/-0.000 χ^2/NDF: 1931300.2/39

- sign 13.204+/-0.000 χ^2/NDF: 913032.5/20

dit_usl_4eY_slope vs Slug

Right In: 22.711+/-0.019 χ^2/NDF: 22767.9/15

Left Out: 22.951+/-0.046 χ^2/NDF:4290.1/2

Right Out: 21.790+/-0.022 χ^2/NDF: 26670.9/17

Left In: 25.214+/-0.039 χ^2/NDF:7647.6/2

+ sign 22.745+/-0.017 χ^2/NDF: 27081.3/18

All: 22.669+/-0.013 χ^2/NDF: 67281.3/39

- sign 22.580+/-0.019 χ^2/NDF: 40158.9/20

dit_usr_4aX_slope vs Slug

Right In: -276.201+/-0.167 χ^2/NDF: 58107.7/16

Left Out: -363.986+/-0.298 χ^2/NDF:8196.5/3

Right Out: -281.150+/-0.148 χ^2/NDF: 77611.5/18

Left In: -361.859+/-0.246 χ^2/NDF:11043.3/2

+ sign -297.067+/-0.145 χ^2/NDF: 132325.0/20

All: -300.151+/-0.095 χ^2/NDF: 300864.1/42

- sign -302.486+/-0.127 χ^2/NDF: 167748.9/21

dit_usr_4eX_slope vs Slug

Right In: 374.094+/-0.000 χ^2/NDF: 35072.0/16

Left Out: 464.177+/-0.319 χ^2/NDF:9468.7/3

Right Out: 373.134+/-0.158 χ^2/NDF: 108219.4/18

Left In: 458.684+/-0.260 χ^2/NDF:11111.1/2

+ sign 374.094+/-0.000 χ^2/NDF: 124085.7/20

All: 374.094+/-0.000 χ^2/NDF: 349430.6/42

- sign 396.215+/-0.135 χ^2/NDF: 198480.7/21

dit_usr_11X12X_slope vs Slug

Right In: -42.744+/-0.000 χ^2/NDF: 13262.6/16

Left Out: -46.582+/-0.020 χ^2/NDF:40324.4/3

Right Out: -29.754+/-0.000 χ^2/NDF: 483930.3/18

Left In: -45.333+/-0.022 χ^2/NDF:17358.6/2

+ sign -42.744+/-0.000 χ^2/NDF: 89255.0/20

All: -38.159+/-0.000 χ^2/NDF: 12976521268 0

- sign -29.754+/-0.000 χ^2/NDF: 1019907.9/21

dit_usr_4aY_slope vs Slug

Right In: -9.259+/-0.000 χ^2/NDF: 405850.5/16

Left Out: 0.961+/-0.018 χ^2/NDF:2651.8/3

Right Out: 18.504+/-0.000 χ^2/NDF: 7366781.0/18

Left In: 0.827+/-0.019 χ^2/NDF:214.8/2

+ sign -9.259+/-0.000 χ^2/NDF: 720965.4/20

All: 6.039+/-0.000 χ^2/NDF: 1645057450595

- sign 18.504+/-0.000 χ^2/NDF: 8244679.7/21

dit_usr_4eY_slope vs Slug

Right In: 16.947+/-0.000 χ^2/NDF: 11231.8/16

Left Out: 14.212+/-0.020 χ^2/NDF:7188.0/3

Right Out: -11.075+/-0.000 χ^2/NDF: 2712010.0/18

Left In: 14.807+/-0.029 χ^2/NDF:3084.9/2

+ sign 16.947+/-0.000 χ^2/NDF: 36806.8/20

All: -2.268+/-0.000 χ^2/NDF: 469252745463

- sign -11.075+/-0.000 χ^2/NDF: 3535519.6/21

dit_atl1_4aX_slope vs Slug

Right In: -205.160+/-0.000 χ^2/NDF: 582775.6/16

Left Out: -136.767+/-0.555 χ^2/NDF:37626.6/3

Right Out: -57.684+/-0.283 χ^2/NDF: 114854.9/18

Left In: -263.331+/-0.756 χ^2/NDF:13390.0/2

+ sign -205.160+/-0.000 χ^2/NDF: 635577.7/20

All: -205.160+/-0.000 χ^2/NDF: 1040628.5/42

- sign -82.989+/-0.265 χ^2/NDF: 193061.3/21

dit_atl1_4eX_slope vs Slug

Right In: 339.325+/-0.000 χ^2/NDF: 1030606.3/16

Left Out: 176.347+/-0.570 χ^2/NDF:73227.7/3

Right Out: 68.024+/-0.286 χ^2/NDF: 272330.9/18

Left In: 332.488+/-0.817 χ^2/NDF:13658.4/2

+ sign 339.325+/-0.000 χ^2/NDF: 1185625.1/20

All: 339.325+/-0.000 χ^2/NDF: 2371034.1/42

- sign 96.935+/-0.270 χ^2/NDF: 379414.1/21

dit_atl1_11X12X_slope vs Slug

Right In: -48.945+/-0.000 χ^2/NDF: 5408370.4/16

Left Out: -16.798+/-0.021 χ^2/NDF:523378.7/3

Right Out: -27.303+/-0.052 χ^2/NDF: 167879.9/18

Left In: -40.831+/-0.064 χ^2/NDF:17504.3/2

+ sign -48.945+/-0.000 χ^2/NDF: 8260706.1/20

All: -48.945+/-0.000 χ^2/NDF: 8637652.5/42

- sign -32.688+/-0.040 χ^2/NDF: 212642.1/21

dit_atl1_4aY_slope vs Slug

Right In: 6.728+/-0.000 χ^2/NDF: 13749.2/16

Left Out: 9.282+/-0.037 χ^2/NDF:19978.9/3

Right Out: 9.502+/-0.036 χ^2/NDF: 26822.1/18

Left In: 12.282+/-0.047 χ^2/NDF:555.4/2

+ sign 6.728+/-0.000 χ^2/NDF: 38550.9/20

All: 6.728+/-0.000 χ^2/NDF: 85755.8/42

- sign 10.507+/-0.028 χ^2/NDF: 29580.2/21

dit_atl1_4eY_slope vs Slug

Right In: -19.693+/-0.000 χ^2/NDF: 7579.0/16

Left Out: -11.294+/-0.051 χ^2/NDF:16785.0/3

Right Out: 19.086+/-0.000 χ^2/NDF: 610746.9/18

Left In: -15.359+/-0.071 χ^2/NDF:2251.6/2

+ sign -19.693+/-0.000 χ^2/NDF: 51285.9/20

All: -6.006+/-0.000 χ^2/NDF: 462563773129

- sign 19.086+/-0.000 χ^2/NDF: 845641.8/21

dit_atl2_4aX_slope vs Slug

Right In: -889.928+/-0.000 χ^2/NDF: 775896.0/16

Left Out: -1985.678+/-1.233 χ^2/NDF:239758.7/3

Right Out: -1134.421+/-0.000 χ^2/NDF: 733812.0/18

Left In: -2230.623+/-1.134 χ^2/NDF:18825.5/2

+ sign -889.928+/-0.000 χ^2/NDF: 1806001.9/20

All: -976.220+/-0.000 χ^2/NDF: 4488978738

- sign -1134.421+/-0.000 χ^2/NDF: 1686416.7/21

dit_atl2_4eX_slope vs Slug

Right In: 1171.188+/-0.245 χ^2/NDF: 508989.2/16

Left Out: 2119.929+/-1.264 χ^2/NDF:289384.7/3

Right Out: 1089.705+/-0.253 χ^2/NDF: 1100321.6/18

Left In: 2391.271+/-1.232 χ^2/NDF:18326.3/2

+ sign 1205.651+/-0.241 χ^2/NDF: 1341434.8/20

All: 1175.040+/-0.173 χ^2/NDF: 3563682.3/42

- sign 1142.525+/-0.248 χ^2/NDF: 2188942.8/21

dit_atl2_11X12X_slope vs Slug

Right In: -212.190+/-0.000 χ^2/NDF: 1149195.1/16

Left Out: -231.429+/-0.060 χ^2/NDF:4887561.6/3

Right Out: -188.033+/-0.000 χ^2/NDF: 602264.3/18

Left In: -341.516+/-0.098 χ^2/NDF:37541.1/2

+ sign -212.190+/-0.000 χ^2/NDF: 6140587.0/20

All: -195.625+/-0.000 χ^2/NDF: 1362230362

- sign -188.033+/-0.000 χ^2/NDF: 3080470.8/21

dit_atl2_4aY_slope vs Slug

Right In: -56.037+/-0.000 χ^2/NDF: 1585420.7/16

Left Out: -3.550+/-0.093 χ^2/NDF:7135.8/3

Right Out: -7.476+/-0.042 χ^2/NDF: 173893.8/18

Left In: -9.386+/-0.076 χ^2/NDF:1108.7/2

+ sign -56.037+/-0.000 χ^2/NDF: 1907892.4/20

All: -56.037+/-0.000 χ^2/NDF: 3785275.0/42

- sign -7.926+/-0.037 χ^2/NDF: 175485.3/21

dit_atl2_4eY_slope vs Slug

Right In: 138.565+/-0.000 χ^2/NDF: 901159.7/16

Left Out: 116.349+/-0.130 χ^2/NDF:255259.2/3

Right Out: 6.866+/-0.000 χ^2/NDF: 8047391.7/18

Left In: 154.873+/-0.093 χ^2/NDF:7489.2/2

+ sign 138.565+/-0.000 χ^2/NDF: 1185775.4/20

All: 7.101+/-0.000 χ^2/NDF: 2357682268192

- sign 6.866+/-0.000 χ^2/NDF: 10570981.6/21

dit_atr1_4aX_slope vs Slug

Right In: -73.485+/-0.000 χ^2/NDF: 98703.2/16

Left Out: -278.819+/-0.494 χ^2/NDF:7681.7/3

Right Out: -580.262+/-0.261 χ^2/NDF: 3031609.5/18

Left In: -285.395+/-0.559 χ^2/NDF:7309.6/2

+ sign -73.485+/-0.000 χ^2/NDF: 279412.9/20

All: -73.485+/-0.000 χ^2/NDF: 7233978.5/42

- sign -527.459+/-0.236 χ^2/NDF: 3267584.2/21

dit_atr1_4eX_slope vs Slug

Right In: 42.743+/-0.000 χ^2/NDF: 84599.8/16

Left Out: 249.702+/-0.515 χ^2/NDF:8736.8/3

Right Out: 1036.068+/-0.000 χ^2/NDF: 4933722.5/18

Left In: 255.237+/-0.590 χ^2/NDF:7514.8/2

+ sign 42.743+/-0.000 χ^2/NDF: 254899.8/20

All: 43.272+/-0.000 χ^2/NDF: 114451749726

- sign 1036.068+/-0.000 χ^2/NDF: 6692100.2/21

dit_atr1_11X12X_slope vs Slug

Right In: -28.822+/-0.035 χ^2/NDF: 49503.4/16

Left Out: -36.529+/-0.032 χ^2/NDF:34015.6/3

Right Out: -22.707+/-0.038 χ^2/NDF: 410174.9/18

Left In: -36.237+/-0.043 χ^2/NDF:17912.7/2

+ sign -32.955+/-0.024 χ^2/NDF: 109907.0/20

All: -31.188+/-0.018 χ^2/NDF: 606746.0/42

- sign -28.604+/-0.029 χ^2/NDF: 483102.5/21

dit_atr1_4aY_slope vs Slug

Right In: 13.238+/-0.000 χ^2/NDF: 5756.1/16

Left Out: 14.393+/-0.038 χ^2/NDF:102.8/3

Right Out: -66.739+/-0.000 χ^2/NDF: 3023648.4/18

Left In: 15.303+/-0.037 χ^2/NDF:50.2/2

+ sign 13.238+/-0.000 χ^2/NDF: 6768.0/20

All: 12.562+/-0.000 χ^2/NDF: 188431002765

- sign -66.739+/-0.000 χ^2/NDF: 8036302.1/21

dit_atr1_4eY_slope vs Slug

Right In: -32.504+/-0.000 χ^2/NDF: 74187.4/16

Left Out: -19.735+/-0.045 χ^2/NDF:1613.5/3

Right Out: -23.151+/-0.048 χ^2/NDF: 90749.4/18

Left In: -20.890+/-0.065 χ^2/NDF:1518.4/2

+ sign -32.504+/-0.000 χ^2/NDF: 156018.5/20

All: -32.504+/-0.000 χ^2/NDF: 318829.2/42

- sign -22.361+/-0.038 χ^2/NDF: 93055.8/21

dit_atr2_4aX_slope vs Slug

Right In: -1342.107+/-0.000 χ^2/NDF: 370901.4/16

Left Out: -1977.330+/-1.129 χ^2/NDF:5317.8/3

Right Out: -1496.932+/-0.000 χ^2/NDF: 504712.5/18

Left In: -1953.329+/-0.775 χ^2/NDF:12501.2/2

+ sign -1342.107+/-0.000 χ^2/NDF: 692977.8/20

All: -1396.751+/-0.000 χ^2/NDF: 1800086126

- sign -1496.932+/-0.000 χ^2/NDF: 863633.6/21

dit_atr2_4eX_slope vs Slug

Right In: 1873.852+/-0.000 χ^2/NDF: 201563.9/16

Left Out: 2293.712+/-1.182 χ^2/NDF:6000.3/3

Right Out: 1706.739+/-0.302 χ^2/NDF: 837936.9/18

Left In: 2260.488+/-0.805 χ^2/NDF:14079.7/2

+ sign 1873.852+/-0.000 χ^2/NDF: 333763.0/20

All: 1873.852+/-0.000 χ^2/NDF: 1721983.6/42

- sign 1775.245+/-0.283 χ^2/NDF: 1266874.4/21

dit_atr2_11X12X_slope vs Slug

Right In: -292.986+/-0.000 χ^2/NDF: 1015592.4/16

Left Out: -284.980+/-0.074 χ^2/NDF:35704.2/3

Right Out: -254.119+/-0.059 χ^2/NDF: 502658.5/18

Left In: -282.246+/-0.059 χ^2/NDF:45034.7/2

+ sign -292.986+/-0.000 χ^2/NDF: 1063040.7/20

All: -292.986+/-0.000 χ^2/NDF: 2077705.8/42

- sign -268.152+/-0.042 χ^2/NDF: 661086.8/21

dit_atr2_4aY_slope vs Slug

Right In: -78.728+/-0.000 χ^2/NDF: 1399088.3/16

Left Out: -10.000+/-0.074 χ^2/NDF:2502.5/3

Right Out: -5.769+/-0.000 χ^2/NDF: 111570.1/18

Left In: -8.664+/-0.062 χ^2/NDF:1068.8/2

+ sign -78.728+/-0.000 χ^2/NDF: 2273736.3/20

All: -6.288+/-0.000 χ^2/NDF: 2878797679293

- sign -5.769+/-0.000 χ^2/NDF: 114850.5/21

dit_atr2_4eY_slope vs Slug

Right In: 189.551+/-0.000 χ^2/NDF: 927391.8/16

Left Out: 127.586+/-0.095 χ^2/NDF:2863.9/3

Right Out: 138.002+/-0.059 χ^2/NDF: 117357.8/18

Left In: 126.120+/-0.065 χ^2/NDF:5150.6/2

+ sign 189.551+/-0.000 χ^2/NDF: 1360162.1/20

All: 189.551+/-0.000 χ^2/NDF: 3195297.8/42

- sign 132.632+/-0.044 χ^2/NDF: 140794.9/21

dit_sam1_4aX_slope vs Slug

Right In: -1.007+/-0.000 χ^2/NDF: 7057.7/16

Left Out: 4.286+/-0.070 χ^2/NDF:389.5/3

Right Out: -11.872+/-0.000 χ^2/NDF: 503632.2/18

Left In: 2.279+/-0.043 χ^2/NDF:1961.1/2

+ sign -1.007+/-0.000 χ^2/NDF: 13202.7/20

All: -1.365+/-0.000 χ^2/NDF: 2170760676638

- sign -11.872+/-0.000 χ^2/NDF: 612329.3/21

dit_sam1_4eX_slope vs Slug

Right In: -7.899+/-0.000 χ^2/NDF: 39443.5/16

Left Out: -13.979+/-0.069 χ^2/NDF:834.7/3

Right Out: -2.410+/-0.000 χ^2/NDF: 203043.8/18

Left In: -14.872+/-0.062 χ^2/NDF:1115.6/2

+ sign -7.899+/-0.000 χ^2/NDF: 47998.6/20

All: -4.135+/-0.000 χ^2/NDF: 2879850560728

- sign -2.410+/-0.000 χ^2/NDF: 244461.3/21

dit_sam1_11X12X_slope vs Slug

Right In: 0.314+/-0.001 χ^2/NDF: 2748.0/16

Left Out: 0.331+/-0.001 χ^2/NDF:230.3/3

Right Out: -0.107+/-0.000 χ^2/NDF: 219932.8/18

Left In: 0.333+/-0.001 χ^2/NDF:259.2/2

+ sign 0.324+/-0.001 χ^2/NDF: 3161.6/20

All: -0.107+/-0.000 χ^2/NDF: 1097619.4/42

- sign -0.107+/-0.000 χ^2/NDF: 591798.8/21

dit_sam1_4aY_slope vs Slug

Right In: -38.539+/-0.000 χ^2/NDF: 14950854.6/16

Left Out: -52.761+/-0.005 χ^2/NDF:505.2/3

Right Out: -52.737+/-0.002 χ^2/NDF: 87430.2/18

Left In: -52.558+/-0.006 χ^2/NDF:847.9/2

+ sign -38.539+/-0.000 χ^2/NDF: 22126799.1/20

All: -38.539+/-0.000 χ^2/NDF: 83979345.8/42

- sign -52.723+/-0.002 χ^2/NDF: 88986.9/21

dit_sam1_4eY_slope vs Slug

Right In: -60.594+/-0.000 χ^2/NDF: 26122838.1/16

Left Out: 10.291+/-0.014 χ^2/NDF:5288.3/3

Right Out: 6.748+/-0.011 χ^2/NDF: 1266598.3/18

Left In: 10.244+/-0.018 χ^2/NDF:2931.2/2

+ sign -60.594+/-0.000 χ^2/NDF: 50942618.0/20

All: -60.594+/-0.000 χ^2/NDF: 104885129.9/4

- sign 7.691+/-0.009 χ^2/NDF: 1296706.9/21

dit_sam2_4aX_slope vs Slug

Right In: 58.880+/-0.000 χ^2/NDF: 3814.7/16

Left Out: 84.225+/-0.945 χ^2/NDF:225.7/3

Right Out: 95.846+/-0.000 χ^2/NDF: 39385.0/18

Left In: 51.052+/-0.592 χ^2/NDF:905.7/2

+ sign 58.880+/-0.000 χ^2/NDF: 4759.9/20

All: 60.098+/-0.000 χ^2/NDF: 981523394566

- sign 95.846+/-0.000 χ^2/NDF: 46006.9/21

dit_sam2_4eX_slope vs Slug

Right In: -350.833+/-0.245 χ^2/NDF: 41301.1/16

Left Out: -298.141+/-0.949 χ^2/NDF:164.6/3

Right Out: -498.692+/-0.000 χ^2/NDF: 511870.8/18

Left In: -254.075+/-0.631 χ^2/NDF:1068.9/2

+ sign -347.555+/-0.237 χ^2/NDF: 44354.2/20

All: -498.692+/-0.000 χ^2/NDF: 1115093.3/42

- sign -498.692+/-0.000 χ^2/NDF: 663398.3/21

dit_sam2_11X12X_slope vs Slug

Right In: 1.930+/-0.000 χ^2/NDF: 59970.9/16

Left Out: 0.657+/-0.006 χ^2/NDF:314.2/3

Right Out: 3.123+/-0.000 χ^2/NDF: 512565.5/18

Left In: 0.563+/-0.004 χ^2/NDF:1433.6/2

+ sign 1.930+/-0.000 χ^2/NDF: 109491.3/20

All: 2.073+/-0.000 χ^2/NDF: 3809953457808

- sign 3.123+/-0.000 χ^2/NDF: 938135.5/21

dit_sam2_4aY_slope vs Slug

Right In: 54.556+/-0.000 χ^2/NDF: 7238433.0/16

Left Out: 15.428+/-0.017 χ^2/NDF:630.5/3

Right Out: 17.458+/-0.018 χ^2/NDF: 99308.5/18

Left In: 14.638+/-0.023 χ^2/NDF:1891.9/2

+ sign 54.556+/-0.000 χ^2/NDF: 12296993.5/20

All: 54.556+/-0.000 χ^2/NDF: 19633740.8/42

- sign 16.343+/-0.014 χ^2/NDF: 110609.7/21

dit_sam2_4eY_slope vs Slug

Right In: -382.108+/-0.000 χ^2/NDF: 18398024.3/16

Left Out: -211.808+/-0.040 χ^2/NDF:3353.3/3

Right Out: -483.800+/-0.000 χ^2/NDF: 24338683.6/18

Left In: -209.615+/-0.043 χ^2/NDF:3225.8/2

+ sign -382.108+/-0.000 χ^2/NDF: 36331445.3/20

All: -417.999+/-0.000 χ^2/NDF: 12425488813

- sign -483.800+/-0.000 χ^2/NDF: 64749162.2/21

dit_sam3_4aX_slope vs Slug

Right In: -26.504+/-0.000 χ^2/NDF: 1180.7/16

Left Out: 1.565+/-0.997 χ^2/NDF:448.1/3

Right Out: -26.577+/-0.000 χ^2/NDF: 2640.9/18

Left In: -30.845+/-0.646 χ^2/NDF:2314.6/2

+ sign -26.504+/-0.000 χ^2/NDF: 2421.7/20

All: -26.530+/-0.000 χ^2/NDF: 412159279654

- sign -26.577+/-0.000 χ^2/NDF: 4999.1/21

dit_sam3_4eX_slope vs Slug

Right In: -79.376+/-0.000 χ^2/NDF: 1304.6/16

Left Out: -130.062+/-0.982 χ^2/NDF:354.6/3

Right Out: -83.099+/-0.178 χ^2/NDF: 11915.8/18

Left In: -78.638+/-0.642 χ^2/NDF:1676.8/2

+ sign -79.376+/-0.000 χ^2/NDF: 4325.1/20

All: -79.376+/-0.000 χ^2/NDF: 18355.5/42

- sign -82.780+/-0.172 χ^2/NDF: 13637.4/21

dit_sam3_11X12X_slope vs Slug

Right In: 0.521+/-0.000 χ^2/NDF: 3370.8/16

Left Out: 0.558+/-0.007 χ^2/NDF:979.2/3

Right Out: 0.403+/-0.011 χ^2/NDF: 2727.5/18

Left In: 0.504+/-0.003 χ^2/NDF:2615.1/2

+ sign 0.521+/-0.000 χ^2/NDF: 4376.4/20

All: 0.521+/-0.000 χ^2/NDF: 9858.5/42

- sign 0.495+/-0.003 χ^2/NDF: 5421.0/21

dit_sam3_4aY_slope vs Slug

Right In: -2.320+/-0.000 χ^2/NDF: 270771.9/16

Left Out: -7.030+/-0.016 χ^2/NDF:1092.0/3

Right Out: -4.864+/-0.010 χ^2/NDF: 49380.5/18

Left In: -6.822+/-0.008 χ^2/NDF:2069.8/2

+ sign -2.320+/-0.000 χ^2/NDF: 355870.3/20

All: -2.320+/-0.000 χ^2/NDF: 765826.5/42

- sign -6.056+/-0.006 χ^2/NDF: 73430.2/21

dit_sam3_4eY_slope vs Slug

Right In: 11.268+/-0.000 χ^2/NDF: 958029.3/16

Left Out: 30.896+/-0.035 χ^2/NDF:1391.9/3

Right Out: 37.191+/-0.000 χ^2/NDF: 1121929.1/18

Left In: 29.528+/-0.029 χ^2/NDF:1418.8/2

+ sign 11.268+/-0.000 χ^2/NDF: 1274172.3/20

All: 12.122+/-0.000 χ^2/NDF: 772305569497

- sign 37.191+/-0.000 χ^2/NDF: 1191879.1/21

dit_sam4_4aX_slope vs Slug

Right In: -4.139+/-0.000 χ^2/NDF: 4654.2/16

Left Out: 96.416+/-1.106 χ^2/NDF:616.1/3

Right Out: 54.427+/-0.170 χ^2/NDF: 53998.7/18

Left In: 47.594+/-0.588 χ^2/NDF:2708.7/2

+ sign -4.139+/-0.000 χ^2/NDF: 13538.1/20

All: -4.139+/-0.000 χ^2/NDF: 196365.1/42

- sign 53.898+/-0.164 χ^2/NDF: 56832.0/21

dit_sam4_4eX_slope vs Slug

Right In: -124.095+/-0.000 χ^2/NDF: 38152.5/16

Left Out: -304.840+/-1.102 χ^2/NDF:471.6/3

Right Out: -273.143+/-0.113 χ^2/NDF: 280141.9/18

Left In: -245.590+/-0.569 χ^2/NDF:2127.2/2

+ sign -124.095+/-0.000 χ^2/NDF: 65529.6/20

All: -124.095+/-0.000 χ^2/NDF: 2141877.3/42

- sign -272.103+/-0.111 χ^2/NDF: 284525.7/21

dit_sam4_11X12X_slope vs Slug

Right In: 0.888+/-0.000 χ^2/NDF: 8672.0/16

Left Out: 0.642+/-0.008 χ^2/NDF:969.2/3

Right Out: -0.226+/-0.000 χ^2/NDF: 5031.1/18

Left In: 0.665+/-0.005 χ^2/NDF:748.8/2

+ sign 0.888+/-0.000 χ^2/NDF: 10657.9/20

All: 0.888+/-0.000 χ^2/NDF: 422225031.0/42

- sign -0.226+/-0.000 χ^2/NDF: 34061.2/21

dit_sam4_4aY_slope vs Slug

Right In: 4.057+/-0.000 χ^2/NDF: 1247888.2/16

Left Out: -25.585+/-0.047 χ^2/NDF:107.0/3

Right Out: -22.885+/-0.026 χ^2/NDF: 116508.9/18

Left In: -22.964+/-0.059 χ^2/NDF:1212.5/2

+ sign 4.057+/-0.000 χ^2/NDF: 1645757.9/20

All: 4.057+/-0.000 χ^2/NDF: 3018888.6/42

- sign -22.898+/-0.024 χ^2/NDF: 117722.9/21

dit_sam4_4eY_slope vs Slug

Right In: 158.293+/-0.000 χ^2/NDF: 2410913.3/16

Left Out: 293.588+/-0.092 χ^2/NDF:1853.4/3

Right Out: 175.536+/-0.000 χ^2/NDF: 2100196.2/18

Left In: 285.349+/-0.189 χ^2/NDF:1794.4/2

+ sign 158.293+/-0.000 χ^2/NDF: 4568414.7/20

All: 172.618+/-0.000 χ^2/NDF: 37372749122

- sign 175.536+/-0.000 χ^2/NDF: 2440105.4/21

dit_sam5_4aX_slope vs Slug

Right In: 3.778+/-0.000 χ^2/NDF: 6871.4/16

Left Out: 12.424+/-0.124 χ^2/NDF:412.8/3

Right Out: 5.756+/-0.026 χ^2/NDF: 22291.6/18

Left In: 8.665+/-0.062 χ^2/NDF:1202.5/2

+ sign 3.778+/-0.000 χ^2/NDF: 12155.3/20

All: 3.778+/-0.000 χ^2/NDF: 47692.4/42

- sign 6.180+/-0.024 χ^2/NDF: 25355.4/21

dit_sam5_4eX_slope vs Slug

Right In: -0.287+/-0.000 χ^2/NDF: 44276.5/16

Left Out: -10.563+/-0.124 χ^2/NDF:203.7/3

Right Out: -5.882+/-0.027 χ^2/NDF: 63493.9/18

Left In: -7.415+/-0.066 χ^2/NDF:828.5/2

+ sign -0.287+/-0.000 χ^2/NDF: 51308.7/20

All: -0.287+/-0.000 χ^2/NDF: 169489.4/42

- sign -6.103+/-0.025 χ^2/NDF: 64780.2/21

dit_sam5_11X12X_slope vs Slug

Right In: 0.193+/-0.000 χ^2/NDF: 10027.5/16

Left Out: 0.335+/-0.001 χ^2/NDF:79.5/3

Right Out: 0.280+/-0.001 χ^2/NDF: 6059.0/18

Left In: 0.375+/-0.001 χ^2/NDF:67.0/2

+ sign 0.193+/-0.000 χ^2/NDF: 23600.2/20

All: 0.193+/-0.000 χ^2/NDF: 52812.5/42

- sign 0.334+/-0.001 χ^2/NDF: 8430.8/21

dit_sam5_4aY_slope vs Slug

Right In: 35.664+/-0.011 χ^2/NDF: 218662.5/16

Left Out: 32.532+/-0.015 χ^2/NDF:449.6/3

Right Out: 89.735+/-0.000 χ^2/NDF: 25801560.6/18

Left In: 33.112+/-0.016 χ^2/NDF:33.9/2

+ sign 34.497+/-0.009 χ^2/NDF: 247399.3/20

All: 89.735+/-0.000 χ^2/NDF: 76585538.9/42

- sign 89.735+/-0.000 χ^2/NDF: 38703782.4/21

dit_sam5_4eY_slope vs Slug

Right In: 81.005+/-0.035 χ^2/NDF: 2228881.4/16

Left Out: 129.820+/-0.037 χ^2/NDF:2885.8/3

Right Out: 27.798+/-0.000 χ^2/NDF: 9183707.8/18

Left In: 126.941+/-0.060 χ^2/NDF:1380.4/2

+ sign 103.689+/-0.025 χ^2/NDF: 3160370.5/20

All: 27.798+/-0.000 χ^2/NDF: 24074106.9/42

- sign 27.798+/-0.000 χ^2/NDF: 11890674.9/21

dit_sam6_4aX_slope vs Slug

Right In: 48.450+/-0.000 χ^2/NDF: 2751.4/16

Left Out: 74.919+/-0.485 χ^2/NDF:314.2/3

Right Out: 27.342+/-0.000 χ^2/NDF: 25810.4/18

Left In: 61.823+/-0.331 χ^2/NDF:917.6/2

+ sign 48.450+/-0.000 χ^2/NDF: 6048.1/20

All: 28.365+/-0.000 χ^2/NDF: 102629010488

- sign 27.342+/-0.000 χ^2/NDF: 37550.8/21

dit_sam6_4eX_slope vs Slug

Right In: -18.800+/-0.148 χ^2/NDF: 11764.7/16

Left Out: -11.457+/-0.486 χ^2/NDF:345.9/3

Right Out: -5.568+/-0.000 χ^2/NDF: 23097.3/18

Left In: 4.592+/-0.326 χ^2/NDF:769.0/2

+ sign -18.174+/-0.142 χ^2/NDF: 12319.3/20

All: -5.568+/-0.000 χ^2/NDF: 45041.3/42

- sign -5.568+/-0.000 χ^2/NDF: 24837.4/21

dit_sam6_11X12X_slope vs Slug

Right In: 0.830+/-0.000 χ^2/NDF: 14882.7/16

Left Out: 0.485+/-0.003 χ^2/NDF:202.8/3

Right Out: 0.227+/-0.000 χ^2/NDF: 11819.9/18

Left In: 0.501+/-0.003 χ^2/NDF:414.4/2

+ sign 0.830+/-0.000 χ^2/NDF: 30127.3/20

All: 0.289+/-0.000 χ^2/NDF: 2906608256145

- sign 0.227+/-0.000 χ^2/NDF: 22951.0/21

dit_sam6_4aY_slope vs Slug

Right In: 22.543+/-0.009 χ^2/NDF: 105452.8/16

Left Out: 19.359+/-0.013 χ^2/NDF:134.7/3

Right Out: 23.023+/-0.009 χ^2/NDF: 165838.0/18

Left In: 18.940+/-0.016 χ^2/NDF:1054.8/2

+ sign 21.414+/-0.007 χ^2/NDF: 147064.0/20

All: 21.710+/-0.005 χ^2/NDF: 366316.0/42

- sign 22.040+/-0.008 χ^2/NDF: 215936.3/21

dit_sam6_4eY_slope vs Slug

Right In: -2.596+/-0.000 χ^2/NDF: 7395182.7/16

Left Out: 99.706+/-0.030 χ^2/NDF:11203.6/3

Right Out: 1.758+/-0.000 χ^2/NDF: 4230949.4/18

Left In: 99.299+/-0.031 χ^2/NDF:1219.2/2

+ sign -2.596+/-0.000 χ^2/NDF: 19012754.6/20

All: -1.059+/-0.000 χ^2/NDF: 3731791751577

- sign 1.758+/-0.000 χ^2/NDF: 14229203.1/21

dit_sam7_4aX_slope vs Slug

Right In: 83.573+/-0.000 χ^2/NDF: 49468.0/16

Left Out: 93.278+/-0.177 χ^2/NDF:499.0/3

Right Out: 93.762+/-0.000 χ^2/NDF: 82848.8/18

Left In: 88.983+/-0.145 χ^2/NDF:2008.8/2

+ sign 83.573+/-0.000 χ^2/NDF: 52988.6/20

All: 87.169+/-0.000 χ^2/NDF: 199568440414

- sign 93.762+/-0.000 χ^2/NDF: 85941.4/21

dit_sam7_4eX_slope vs Slug

Right In: -123.524+/-0.000 χ^2/NDF: 160356.5/16

Left Out: -141.132+/-0.176 χ^2/NDF:506.3/3

Right Out: -133.456+/-0.000 χ^2/NDF: 394896.3/18

Left In: -133.281+/-0.139 χ^2/NDF:1621.1/2

+ sign -123.524+/-0.000 χ^2/NDF: 170884.7/20

All: -124.716+/-0.000 χ^2/NDF: 6446786990

- sign -133.456+/-0.000 χ^2/NDF: 396519.0/21

dit_sam7_11X12X_slope vs Slug

Right In: 0.376+/-0.000 χ^2/NDF: 3961.7/16

Left Out: 0.425+/-0.001 χ^2/NDF:635.1/3

Right Out: 0.354+/-0.002 χ^2/NDF: 4592.7/18

Left In: 0.420+/-0.001 χ^2/NDF:2603.4/2

+ sign 0.376+/-0.000 χ^2/NDF: 5835.2/20

All: 0.376+/-0.000 χ^2/NDF: 14900.0/42

- sign 0.397+/-0.001 χ^2/NDF: 8455.7/21

dit_sam7_4aY_slope vs Slug

Right In: 7.032+/-0.000 χ^2/NDF: 19770.1/16

Left Out: 6.910+/-0.003 χ^2/NDF:6561.3/3

Right Out: 7.233+/-0.002 χ^2/NDF: 10061.8/18

Left In: 7.129+/-0.002 χ^2/NDF:5509.3/2

+ sign 7.032+/-0.000 χ^2/NDF: 27991.2/20

All: 7.032+/-0.000 χ^2/NDF: 52290.2/42

- sign 7.183+/-0.002 χ^2/NDF: 16496.5/21

dit_sam7_4eY_slope vs Slug

Right In: -10.092+/-0.000 χ^2/NDF: 543504.2/16

Left Out: -9.006+/-0.005 χ^2/NDF:83218.5/3

Right Out: -12.509+/-0.004 χ^2/NDF: 103509.4/18

Left In: -11.480+/-0.007 χ^2/NDF:3066.4/2

+ sign -10.092+/-0.000 χ^2/NDF: 672035.0/20

All: -10.092+/-0.000 χ^2/NDF: 1230867.2/42

- sign -12.290+/-0.003 χ^2/NDF: 122590.2/21

dit_sam8_4aX_slope vs Slug

Right In: 57.510+/-0.000 χ^2/NDF: 8108.6/16

Left Out: 65.857+/-0.121 χ^2/NDF:716.0/3

Right Out: 66.645+/-0.013 χ^2/NDF: 8163.8/18

Left In: 63.249+/-0.098 χ^2/NDF:2184.9/2

+ sign 57.510+/-0.000 χ^2/NDF: 13602.0/20

All: 57.510+/-0.000 χ^2/NDF: 515521.5/42

- sign 66.586+/-0.013 χ^2/NDF: 11520.1/21

dit_sam8_4eX_slope vs Slug

Right In: -74.974+/-0.000 χ^2/NDF: 130544.0/16

Left Out: -98.450+/-0.121 χ^2/NDF:768.8/3

Right Out: -102.430+/-0.018 χ^2/NDF: 50377.5/18

Left In: -99.815+/-0.116 χ^2/NDF:1253.5/2

+ sign -74.974+/-0.000 χ^2/NDF: 168808.7/20

All: -74.974+/-0.000 χ^2/NDF: 2642160.1/42

- sign -102.370+/-0.018 χ^2/NDF: 52130.3/21

dit_sam8_11X12X_slope vs Slug

Right In: 0.541+/-0.000 χ^2/NDF: 29180.5/16

Left Out: 0.402+/-0.001 χ^2/NDF:491.7/3

Right Out: 0.030+/-0.000 χ^2/NDF: 121659.5/18

Left In: 0.416+/-0.001 χ^2/NDF:1037.2/2

+ sign 0.541+/-0.000 χ^2/NDF: 44493.7/20

All: 0.030+/-0.000 χ^2/NDF: 2331429770096

- sign 0.030+/-0.000 χ^2/NDF: 276737.8/21

dit_sam8_4aY_slope vs Slug

Right In: -51.888+/-0.002 χ^2/NDF: 77585.2/16

Left Out: -51.424+/-0.004 χ^2/NDF:356.0/3

Right Out: -52.684+/-0.003 χ^2/NDF: 56125.8/18

Left In: -51.556+/-0.004 χ^2/NDF:2664.3/2

+ sign -51.792+/-0.002 χ^2/NDF: 86867.7/20

All: -52.046+/-0.001 χ^2/NDF: 240152.8/42

- sign -52.340+/-0.002 χ^2/NDF: 117970.1/21

dit_sam8_4eY_slope vs Slug

Right In: 47.545+/-0.000 χ^2/NDF: 3491700.1/16

Left Out: 57.012+/-0.008 χ^2/NDF:154645.5/3

Right Out: 63.095+/-0.007 χ^2/NDF: 333637.2/18

Left In: 59.876+/-0.022 χ^2/NDF:3655.0/2

+ sign 47.545+/-0.000 χ^2/NDF: 5011028.7/20

All: 47.545+/-0.000 χ^2/NDF: 10003913.8/42

- sign 62.751+/-0.007 χ^2/NDF: 357133.2/21

dit_4aX_coil1_mean vs Slug

Right In: -289.322+/-0.000 χ^2/NDF: 536968164048489147864958539218393497 6.0/14
+ sign -322.886+/-0.000 χ^2/NDF: 93116979631867
Left Out: -402.677+/-0.000 χ^2/NDF:1472818314619278679848426421927018496.0/3
All: -320.189+/-0.000 χ^2/NDF: 2203024108 0
Right Out: -259.558+/-0.000 χ^2/NDF: 4299886792692123970784563983770714112.0/15
- sign -317.491+/-0.000 χ^2/NDF: 12705125402527 6
Left In: -469.027+/-0.000 χ^2/NDF:3110149490938360370415679166008524 80.0/2

dit_4aX_coil1_err_mean vs Slug

Right In: 5.270+/-0.000 χ^2/NDF: 8709683292123798330550906790084608.0/14

+ sign 6.716+/-0.000 χ^2/NDF: 15062795260609802

Left Out: 10.155+/-0.000 χ^2/NDF:1766600923496985699656532815249408.0/3

All: 6.660+/-0.000 χ^2/NDF: 3038050549707

Right Out: 4.732+/-0.000 χ^2/NDF: 6856893072575211562802281426452480.0/15

- sign 6.603+/-0.000 χ^2/NDF: 15311812568122080

Left In: 11.498+/-0.000 χ^2/NDF:8062575738321969167275286069248.0/2

dit_4aX_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
+ sign 1028.189+/-0.000 χ^2/NDF: 28342042117909
Left Out: 984.681+/-0.000 χ^2/NDF:27412836487958733895964510826360995 84.0/3
All: 1039.289+/-0.000 χ^2/NDF: 9358770337 8
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15
- sign 1050.388+/-0.000 χ^2/NDF: 65018470900256
Left In: 1157.482+/-0.000 χ^2/NDF:16372944648248449566393953973532884992.0/2

dit_4eX_coil1_mean vs Slug

Right In: -285.187+/-0.000 χ^2/NDF: 447958526285354983809252192129174732 8.0/14
+ sign -314.946+/-0.000 χ^2/NDF: 77590858401938
Left Out: -385.694+/-0.000 χ^2/NDF:1338300286478112678860628555282251776.0/3
All: -312.317+/-0.000 χ^2/NDF: 1849769886 5
Right Out: -256.599+/-0.000 χ^2/NDF: 364827153597103916595260256319176704 0.0/15
- sign -309.687+/-0.000 χ^2/NDF: 10725861514813 8
Left In: -448.548+/-0.000 χ^2/NDF:280730374821686557425100776712175616.0/2

dit_4eX_coil1_err_mean vs Slug

Right In: 4.959+/-0.000 χ^2/NDF: 1046546705714337181737168164146380 8.0/14

+ sign 6.252+/-0.000 χ^2/NDF: 1566646709933276 4

Left Out: 9.325+/-0.000 χ^2/NDF:1538159689800764472080582286770176.0/3

All: 6.181+/-0.000 χ^2/NDF: 3087786084506 7

Right Out: 4.429+/-0.000 χ^2/NDF: 8371440400334524571131796772618240.0/15

- sign 6.111+/-0.000 χ^2/NDF: 1520232095630874 4

Left In: 10.512+/-0.000 χ^2/NDF:4588911592216588979422911004672.0/2

dit_4eX_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1028.189+/-0.000 χ^2/NDF: 2834204211790 9
Left Out: 984.681+/-0.000 χ^2/NDF:2741283648795873389596451082636099584.0/3
All: 1039.289+/-0.000 χ^2/NDF: 9358770337 8
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
- sign 1050.388+/-0.000 χ^2/NDF: 6501847090025 6
Left In: 1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288499 2.0/2

dit_11X12X_coil1_mean vs Slug

Right In: -210.261+/-0.000 χ^2/NDF: 567711076568068409192467700494893056.0/14

+ sign -206.329+/-0.000 χ^2/NDF: 93489072707148

Left Out: -196.979+/-0.000 χ^2/NDF:333276241345123469350146800749641728.0/3

All: -205.852+/-0.000 χ^2/NDF: 20787370412

Right Out: -196.736+/-0.000 χ^2/NDF: 909588895093044840633640514790359040.0/15

- sign -205.376+/-0.000 χ^2/NDF: 114342766869703

Left In: -227.973+/-0.000 χ^2/NDF:538452946764225544128120011882496 00.0/2

dit_11X12X_coil1_err_mean vs Slug

Right In: 6.842+/-0.000 χ^2/NDF: 9355934166823324467316647620771840.0/14

+ sign 7.983+/-0.000 χ^2/NDF: 14195708640796089

Left Out: 10.697+/-0.000 χ^2/NDF:19833795835543646239481069421199 36.0/3

All: 7.699+/-0.000 χ^2/NDF: 2526087057595 2

Right Out: 5.701+/-0.000 χ^2/NDF: 3174693398300953393137731791486976.0/15

- sign 7.415+/-0.000 χ^2/NDF: 10916424692337299

Left Out: 11.898+/-0.000 χ^2/NDF:6571145986840967827242492394209 28.0/2

dit_11X12X_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1028.189+/-0.000 χ^2/NDF: 28342042117909
Left Out: 984.681+/-0.000 χ^2/NDF:2741283648795873389596451082636099584.0/3
All: 1039.289+/-0.000 χ^2/NDF: 9358770337 8
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
- sign 1050.388+/-0.000 χ^2/NDF: 65018470900256
Left In: 1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288499 2.0/2

dit_4aY_coil1_mean vs Slug

Right In: 2.171+/-0.000 χ^2/NDF: 35998192469099756784104996916428 80.0/14

Left Out: 5.955+/-0.000 χ^2/NDF:20993996199173099085772583369441 28.0/3

Right Out: 2.148+/-0.000 χ^2/NDF: 30938873362393789596063219318784 00.0/15

Left In: 6.068+/-0.000 χ^2/NDF:14608194999122624710145358042234 88.0/2

+ sign 3.292+/-0.000 χ^2/NDF: 8450945800979530 8

All: 3.262+/-0.000 χ^2/NDF: 1584270782277 8

- sign 3.232+/-0.000 χ^2/NDF: 7390106257877433 6

dit_4aY_coil1_err_mean vs Slug

Right In: 1.691+/-0.000 χ^2/NDF: 612163393317609859674079412355072.0/14

+ sign 1.744+/-0.000 χ^2/NDF: 6584229384618802

Left Out: 1.870+/-0.000 χ^2/NDF:40107644373138562112135911964672.0/3

All: 1.701+/-0.000 χ^2/NDF: 1207797281453

Right Out: 1.462+/-0.000 χ^2/NDF: 444384511662519040022371754835968.0/15

- sign 1.659+/-0.000 χ^2/NDF: 54603046279827708

Left In: 2.172+/-0.000 χ^2/NDF:855295387658557056200167181516 8.0/2

dit_4aY_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
+ sign 1028.189+/-0.000 χ^2/NDF: 28342042117909
Left Out: 984.681+/-0.000 χ^2/NDF:27412836487958733895964510826360995 84.0/3
All: 1039.289+/-0.000 χ^2/NDF: 9358770337 8
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15
- sign 1050.388+/-0.000 χ^2/NDF: 65018470900256
Left In: 1157.482+/-0.000 χ^2/NDF:16372944648248449566393953973532884992.0/2

dit_4eY_coil1_mean vs Slug

Right In: 3.181+/-0.000 χ^2/NDF: 583330322786825261770456639419187 2.0/14

Left Out: 4.060+/-0.000 χ^2/NDF:658920209088469887173800985886720.0/3

Right Out: 3.032+/-0.000 χ^2/NDF: 493720983137179394549654683333427 2.0/15

Left In: 6.636+/-0.000 χ^2/NDF:1291385332726535360555501022609408.0/2

+ sign 3.441+/-0.000 χ^2/NDF: 6640653763036118 6

All: 3.735+/-0.000 χ^2/NDF: 1542421438934 5

- sign 4.029+/-0.000 χ^2/NDF: 8624645775322944 0

dit_4eY_coil1_err_mean vs Slug

Right In: 1.607+/-0.000 χ^2/NDF: 46094962864014818418120573583360 0.0/14

+ sign 1.724+/-0.000 χ^2/NDF: 5419783302778844

Left Out: 2.004+/-0.000 χ^2/NDF:5071957549930293613610069183692 8.0/3

All: 1.684+/-0.000 χ^2/NDF: 1074579738697 8

Right Out: 1.383+/-0.000 χ^2/NDF: 3583488970162862009576503377920 00.0/15

- sign 1.644+/-0.000 χ^2/NDF: 5296623300403234 0

Left In: 2.328+/-0.000 χ^2/NDF:6461914311520642499750393806848.0/2

dit_4eY_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
+ sign 1028.189+/-0.000 χ^2/NDF: 28342042117909
Left Out: 984.681+/-0.000 χ^2/NDF:27412836487958733895964510826360995 84.0/3
All: 1039.289+/-0.000 χ^2/NDF: 9358770337 8
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15
- sign 1050.388+/-0.000 χ^2/NDF: 65018470900256
Left In: 1157.482+/-0.000 χ^2/NDF:16372944648248449566393953973532884992.0/2

dit_usl_coil1_mean vs Slug

Right In: 17988.185+/-0.000 χ^2/NDF: 2481511180998421710354400123755295250841 6.0/14

Left Out: 24554.423+/-0.000 χ^2/NDF:5474141393484236201179337731011824844800.0/2

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

+ sign 19570.226+/-0.000 χ^2/NDF: 3703110299618

All: 19618.560+/-0.000 χ^2/NDF: 9211481730

- sign 19663.383+/-0.000 χ^2/NDF: 5507986450181

dit_usl_coil1_err_mean vs Slug

Right In: 369.169+/-0.000 χ^2/NDF: 4805303678956548599419583334137095782 4.0/14
+ sign 468.789+/-0.000 χ^2/NDF: 89030456040497
Left Out: 782.643+/-0.000 χ^2/NDF:1424464809572156011937168818633179136 0.0/2
All: 514.456+/-0.000 χ^2/NDF: 22499321156
Right Out: 370.091+/-0.000 χ^2/NDF: 4821446290705210754303703712531690291 2.0/15
- sign 556.805+/-0.000 χ^2/NDF: 132526190460098
Left In: 1045.188+/-0.000 χ^2/NDF:2366225595491399349020120021498593 28.0/2

dit_usl_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
+ sign 1029.696+/-0.000 χ^2/NDF: 28315314756563
Left Out: 976.786+/-0.000 χ^2/NDF:26889658416839889165688196271523758 08.0/2
All: 1040.432+/-0.000 χ^2/NDF: 9352373180 6
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15
- sign 1050.388+/-0.000 χ^2/NDF: 65018470900256
Left In: 1157.482+/-0.000 χ^2/NDF:16372944648248449566393953973532884992.0/2

dit_usr_coil1_mean vs Slug

Right In: -18100.637+/-0.000 χ^2/NDF: 1463496754617358696763204076542869949644 8.0/14

Left Out: -22517.481+/-0.000 χ^2/NDF:4534630714000650706542121281932276793344.0/3

Right Out: -16773.604+/-0.000 χ^2/NDF: 1423454793113581227747434288656836617 8304.0/15

Left In: -26141.042+/-0.000 χ^2/NDF:1051321681750423467129889898603198021632.0/2

+ sign -19408.445+/-0.000 χ^2/NDF: 229184702590

All: -19386.413+/-0.000 χ^2/NDF: 543926219

- sign -19364.381+/-0.000 χ^2/NDF: 3147325659759

dit_usr_coil1_err_mean vs Slug

Right In: 540.663+/-0.000 χ^2/NDF: 64546819695986774721678785082975846400.0/14

Left Out: 830.909+/-0.000 χ^2/NDF:13237462807262854581391800165948456960.0/3

Right Out: 477.546+/-0.000 χ^2/NDF: 3879830650429695446153711680976060416 0.0/15

Left In: 979.840+/-0.000 χ^2/NDF:13834779129447353098587541150158028 80.0/2

+ sign 626.603+/-0.000 χ^2/NDF: 939728740397498

All: 621.535+/-0.000 χ^2/NDF: 18074472786 3

- sign 616.467+/-0.000 χ^2/NDF: 867244905939606

dit_usr_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1028.189+/-0.000 χ^2/NDF: 28342042117909
Left Out: 984.681+/-0.000 χ^2/NDF:2741283648795873389596451082636099584.0/3
All: 1039.289+/-0.000 χ^2/NDF: 9358770337 8
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
- sign 1050.388+/-0.000 χ^2/NDF: 65018470900256
Left In: 1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288499 2.0/2

dit_atl1_coil1_mean vs Slug

Right In: -10710.292+/-0.000 χ^2/NDF: 169452261520535118404826184022501705646 08.0/14

+ sign -8773.212+/-0.000 χ^2/NDF: 1276380175582

Left Out: -4168.212+/-0.000 χ^2/NDF:102468316429632460023050678513723661877248.0/3

All: -10924.158+/-0.000 χ^2/NDF: 163235755

Right Out: -10866.264+/-0.000 χ^2/NDF: 1423476283885838248452590164413162664 7552.0/15

- sign -13075.105+/-0.000 χ^2/NDF: 270663437413 8

Left In: -18852.739+/-0.000 χ^2/NDF:1065132879651684570838491681269619884032.0/2

dit_atl1_coil1_err_mean vs Slug

Right In: 687.939+/-0.000 χ^2/NDF: 40929714110430150981775339075902478745 6.0/14
+ sign 721.947+/-0.000 χ^2/NDF: 427050278094971
Left Out: 802.796+/-0.000 χ^2/NDF:15218052061567848553574518594264367104.0/3
All: 896.945+/-0.000 χ^2/NDF: 23680502202 8
Right Out: 1092.265+/-0.000 χ^2/NDF: 18831981429296058134562338129469484 56448.0/15
- sign 1071.943+/-0.000 χ^2/NDF: 18845289593706
Left In: 1018.786+/-0.000 χ^2/NDF:33482253775969813618122761211530 4448.0/2

dit_atl1_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
+ sign 1028.189+/-0.000 χ^2/NDF: 28342042117909
Left Out: 984.681+/-0.000 χ^2/NDF:27412836487958733895964510826360995 84.0/3
All: 1039.289+/-0.000 χ^2/NDF: 9358770337 8
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15
- sign 1050.388+/-0.000 χ^2/NDF: 65018470900256
Left In: 1157.482+/-0.000 χ^2/NDF:16372944648248449566393953973532884992.0/2

dit_atl2_coil1_mean vs Slug

Right In: 29415.830+/-0.000 χ^2/NDF: 7176498963892808290677497975389480917401 6.0/14

Left Out: 41066.759+/-0.000 χ^2/NDF:2104607011994214967938315690578513231872 0.0/3

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

+ sign 32865.617+/-0.000 χ^2/NDF: 1188964637820

All: 32099.229+/-0.000 χ^2/NDF: 2701195300

- sign 31332.840+/-0.000 χ^2/NDF: 1501399913285

dit_atl2_coil1_err_mean vs Slug

Right In: 1629.542+/-0.000 χ^2/NDF: 5517385553550289021946978964371522191 36.0/14

Left Out: 2951.104+/-0.000 χ^2/NDF:3156661909985937543426533988155942502 40.0/3

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

+ sign 2020.850+/-0.000 χ^2/NDF: 12030274338478

All: 2152.505+/-0.000 χ^2/NDF: 3385776958 6

- sign 2284.159+/-0.000 χ^2/NDF: 21507877092803

dit_atl2_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
+ sign 1028.189+/-0.000 χ^2/NDF: 28342042117909
Left Out: 984.681+/-0.000 χ^2/NDF:27412836487958733895964510826360995 84.0/3
All: 1039.289+/-0.000 χ^2/NDF: 9358770337 8
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15
- sign 1050.388+/-0.000 χ^2/NDF: 65018470900256
Left In: 1157.482+/-0.000 χ^2/NDF:16372944648248449566393953973532884992.0/2

dit_atr1_coil1_mean vs Slug

Right In: 15540.787+/-0.000 χ^2/NDF: 2738363588652360183237779538350971446886 4.0/14

+ sign 17931.269+/-0.000 χ^2/NDF: 4514799987337

Left Out: 23614.136+/-0.000 χ^2/NDF:5239184590036378811971075138202160332800.0/3

All: 17775.591+/-0.000 χ^2/NDF: 9601141105

Right Out: 13951.799+/-0.000 χ^2/NDF: 1695407103573958466461281343074810095206 4.0/15

- sign 17619.913+/-0.000 χ^2/NDF: 5081872071873

Left Out: 27214.548+/-0.000 χ^2/NDF:1415581609744082944937911521834040295424.0/2

dit_atr1_coil1_err_mean vs Slug

Right In: 605.034+/-0.000 χ^2/NDF: 1894015227916076144486001577233628528 64.0/14

+ sign 673.690+/-0.000 χ^2/NDF: 212969239751333

Left Out: 836.904+/-0.000 χ^2/NDF:1323614224582802035790159972336979 1488.0/3

All: 753.493+/-0.000 χ^2/NDF: 1263436744 23

Right Out: 749.582+/-0.000 χ^2/NDF: 1021358768377495935693748779804344188928.0/15

- sign 833.297+/-0.000 χ^2/NDF: 1038723779652 46

Left In: 1052.268+/-0.000 χ^2/NDF:4637324711527908551930910931293306 88.0/2

dit_atr1_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1028.189+/-0.000 χ^2/NDF: 28342042117909
Left Out: 984.681+/-0.000 χ^2/NDF:2741283648795873389596451082636099584.0/3
All: 1039.289+/-0.000 χ^2/NDF: 9358770337 8
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
- sign 1050.388+/-0.000 χ^2/NDF: 65018470900256
Left In: 1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288499 2.0/2

dit_atr2_coil1_mean vs Slug

Right In: -21743.360+/-0.000 χ^2/NDF: 411068588235795273251986756753987930685 44.0/14

+ sign -24271.692+/-0.000 χ^2/NDF: 625069987312

Left Out: -30282.271+/-0.000 χ^2/NDF:7388744856184900054168561337066175070208.0/3

All: -24294.404+/-0.000 χ^2/NDF: 129633475

Right Out: -20275.415+/-0.000 χ^2/NDF: 2593586913209292023168153241762732074598 4.0/15

- sign -24317.116+/-0.000 χ^2/NDF: 671255255047 8

Left In: -34888.940+/-0.000 χ^2/NDF:1794297976607311441640009436121891078144.0/2

dit_atr2_coil1_err_mean vs Slug

Right In: 2046.354+/-0.000 χ^2/NDF: 26655551592734889203683305835522634547 2.0/14

+ sign 2379.039+/-0.000 χ^2/NDF: 69378027838511

Left Out: 3169.927+/-0.000 χ^2/NDF:18463124726640572012784496037213503488 0.0/3

All: 2575.198+/-0.000 χ^2/NDF: 5551629179 2

Right Out: 2391.939+/-0.000 χ^2/NDF: 44152949647897788152593575445794999819008.0/15

- sign 2771.358+/-0.000 χ^2/NDF: 47868945150321

Left In: 3763.798+/-0.000 χ^2/NDF:24420132551139369094874038093473644544.0/2

dit_atr2_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
+ sign 1028.189+/-0.000 χ^2/NDF: 28342042117909
Left Out: 984.681+/-0.000 χ^2/NDF:27412836487958733895964510826360995 84.0/3
All: 1039.289+/-0.000 χ^2/NDF: 9358770337 8
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15
- sign 1050.388+/-0.000 χ^2/NDF: 65018470900256
Left In: 1157.482+/-0.000 χ^2/NDF:16372944648248449566393953973532884992.0/2

dit_sam1_coil1_mean vs Slug

Right In: 2881.935+/-0.000 χ^2/NDF: 1320319391496525533692082365878834823168.0/14

+ sign 3026.422+/-0.000 χ^2/NDF: 1543219133912

Left Out: 3369.909+/-0.000 χ^2/NDF:1771414156230356856992711340522156851 20.0/3

All: 3194.387+/-0.000 χ^2/NDF: 4157582299

Right Out: 2656.918+/-0.000 χ^2/NDF: 1077696846216053561130716877125509447680.0/15

- sign 3362.353+/-0.000 χ^2/NDF: 2562339605657

Left In: 5207.548+/-0.000 χ^2/NDF:2845087313084150210279504022784096337 92.0/2

dit_sam1_coil1_err_mean vs Slug

Right In: 138.577+/-0.000 χ^2/NDF: 4242369889979811373883774021335515136.0/14

+ sign 129.166+/-0.000 χ^2/NDF: 453208258188399

Left Out: 106.793+/-0.000 χ^2/NDF:9557785064157101662826700554947788 8.0/3

All: 135.871+/-0.000 χ^2/NDF: 87423225265 6

Right Out: 135.809+/-0.000 χ^2/NDF: 39564017418625242632431608681736437 76.0/15

- sign 142.575+/-0.000 χ^2/NDF: 412734691599244

Left In: 160.275+/-0.000 χ^2/NDF:605198589040757060543555354377584 64.0/2

dit_sam1_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
+ sign 1028.189+/-0.000 χ^2/NDF: 28342042117909
Left Out: 984.681+/-0.000 χ^2/NDF:27412836487958733895964510826360995 84.0/3
All: 1039.289+/-0.000 χ^2/NDF: 9358770337 8
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15
- sign 1050.388+/-0.000 χ^2/NDF: 65018470900256
Left In: 1157.482+/-0.000 χ^2/NDF:16372944648248449566393953973532884992.0/2

dit_sam2_coil1_mean vs Slug

Right In: 69827.797+/-0.000 χ^2/NDF: 1878032821164931311976840605412889261506 56.0/14

Left Out: 80081.094+/-0.000 χ^2/NDF:4951003758388788134723161041211888762880 0.0/3

Right Out: 65555.147+/-0.000 χ^2/NDF: 2120014678113867509106257831959999741673472.0/15

Left In: 87069.413+/-0.000 χ^2/NDF:5587486066089386984440336610668761317376.0/2

+ sign 72863.752+/-0.000 χ^2/NDF: 2575157427078

All: 72184.578+/-0.000 χ^2/NDF: 5613415785

- sign 71505.405+/-0.000 χ^2/NDF: 3029752423641

dit_sam2_coil1_err_mean vs Slug

Right In: 1330.956+/-0.000 χ^2/NDF: 6494812638426816594494091470595728343 04.0/14

+ sign 1451.691+/-0.000 χ^2/NDF: 7276693523815 0

Left Out: 1738.713+/-0.000 χ^2/NDF:4623740493367312221885460775890111 6928.0/3

All: 1436.589+/-0.000 χ^2/NDF: 1431235112 5

Right Out: 1254.871+/-0.000 χ^2/NDF: 6321400689833040628098177168008617 65632.0/15

- sign 1421.487+/-0.000 χ^2/NDF: 7031451964673 0

Left In: 1857.302+/-0.000 χ^2/NDF:4055310637003292541326244065063206912.0/2

dit_sam2_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
+ sign 1028.189+/-0.000 χ^2/NDF: 28342042117909
Left Out: 984.681+/-0.000 χ^2/NDF:27412836487958733895964510826360995 84.0/3
All: 1039.289+/-0.000 χ^2/NDF: 9358770337 8
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15
- sign 1050.388+/-0.000 χ^2/NDF: 6501847090025 6
Left In: 1157.482+/-0.000 χ^2/NDF:16372944648248449566393953973532884992.0/2

dit_sam3_coil1_mean vs Slug

Right In: 34919.716+/-0.000 χ^2/NDF: 1063873854407186221551225418487299970170 88.0/14
+ sign 39211.303+/-0.000 χ^2/NDF: 1644926265309
Left Out: 49413.647+/-0.000 χ^2/NDF:1773616520384271506134343354890323178291 2.0/3
All: 37378.466+/-0.000 χ^2/NDF: 335975421 0
Right Out: 30282.373+/-0.000 χ^2/NDF: 8834616526659312662759895169350607306752 0.0/15
- sign 35545.629+/-0.000 χ^2/NDF: 1652882615233
Left Out: 49413.647+/-0.000 χ^2/NDF:1773616520384271506134343354890323178291 2.0/3
Left In: 49312.654+/-0.000 χ^2/NDF:1013455844371247510335177881401839478374 4.0/2

dit_sam3_coil1_err_mean vs Slug

Right In: 663.574+/-0.000 χ^2/NDF: 1576918128727208228869149665973124464 64.0/14

+ sign 860.185+/-0.000 χ^2/NDF: 268713053449734

Left Out: 1327.589+/-0.000 χ^2/NDF:262921427482216169146186780272901488 64.0/3

All: 826.429+/-0.000 χ^2/NDF: 516085134578

Right Out: 601.216+/-0.000 χ^2/NDF: 1497178843318893323399953343508318781 44.0/15

- sign 792.673+/-0.000 χ^2/NDF: 245270869322291

Left In: 1293.464+/-0.000 χ^2/NDF:715175337569938078409437293074133811 2.0/2

dit_sam3_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
+ sign 1028.189+/-0.000 χ^2/NDF: 28342042117909
Left Out: 984.681+/-0.000 χ^2/NDF:27412836487958733895964510826360995 84.0/3
All: 1039.289+/-0.000 χ^2/NDF: 9358770337 8
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15
- sign 1050.388+/-0.000 χ^2/NDF: 65018470900256
Left In: 1157.482+/-0.000 χ^2/NDF:16372944648248449566393953973532884992.0/2

dit_sam4_coil1_mean vs Slug

Right In: 53422.452+/-0.000 χ^2/NDF: 3606357573151338001337511231677773465518 08.0/14

+ sign 61201.618+/-0.000 χ^2/NDF: 5412104587193

Left Out: 79694.948+/-0.000 χ^2/NDF:4793330408828556572981094619091944079360 0.0/3

All: 58833.268+/-0.000 χ^2/NDF: 1150902223

Right Out: 45247.617+/-0.000 χ^2/NDF: 2860601964880344302157846133740555479285 76.0/15

- sign 56464.918+/-0.000 χ^2/NDF: 5993486181321

Left In: 85805.859+/-0.000 χ^2/NDF:9834096949728575395371565426767816556544.0/2

dit_sam4_coil1_err_mean vs Slug

Right In: 949.197+/-0.000 χ^2/NDF: 2256910321831537327333080940676581949 44.0/14

+ sign 1357.538+/-0.000 χ^2/NDF: 6788846479251 8

Left Out: 2328.282+/-0.000 χ^2/NDF:8771812642211803209635646627071708 3648.0/3

All: 1309.349+/-0.000 χ^2/NDF: 1306707176 9

Right Out: 849.827+/-0.000 χ^2/NDF: 2046222242615772477022273127451973386 24.0/15

- sign 1261.160+/-0.000 χ^2/NDF: 6235404926894 2

Left In: 2337.080+/-0.000 χ^2/NDF:1087587052042406614791689665384756019 2.0/2

dit_sam4_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1028.189+/-0.000 χ^2/NDF: 28342042117909
Left Out: 984.681+/-0.000 χ^2/NDF:2741283648795873389596451082636099584.0/3
All: 1039.289+/-0.000 χ^2/NDF: 9358770337 8
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
- sign 1050.388+/-0.000 χ^2/NDF: 65018470900256
Left In: 1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288499 2.0/2

dit_sam5_coil1_mean vs Slug

Right In: 254.578+/-0.000 χ^2/NDF: 9784021135310066407415692239672495308 80.0/14
+ sign 88.072+/-0.000 χ^2/NDF: 1117680605013114
Left Out: -307.762+/-0.000 χ^2/NDF:7851052120120864653698283927293971 6608.0/3
All: 176.311+/-0.000 χ^2/NDF: 23126341722 4
Right Out: 352.308+/-0.000 χ^2/NDF: 1100813647101508513447529068154010468352.0/15
- sign 264.549+/-0.000 χ^2/NDF: 118059605501046
Left In: 35.001+/-0.000 χ^2/NDF:6120891285877404802532475100093585 8176.0/2

dit_sam5_coil1_err_mean vs Slug

Right In: 196.955+/-0.000 χ^2/NDF: 448524516032965791462137242583878860 8.0/14

Left Out: 336.620+/-0.000 χ^2/NDF:2549102640247666581339087247494873088.0/3

Right Out: 169.778+/-0.000 χ^2/NDF: 389260944549484578449355864638541004 8.0/15

Left In: 387.628+/-0.000 χ^2/NDF:1679530390616061363420357555682017 28.0/2

+ sign 238.309+/-0.000 χ^2/NDF: 1078278673441 96

All: 234.169+/-0.000 χ^2/NDF: 2362984041 26

- sign 230.030+/-0.000 χ^2/NDF: 1281544860529 86

dit_sam5_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1028.189+/-0.000 χ^2/NDF: 28342042117909
Left Out: 984.681+/-0.000 χ^2/NDF:2741283648795873389596451082636099584.0/3
All: 1039.289+/-0.000 χ^2/NDF: 9358770337 8
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
- sign 1050.388+/-0.000 χ^2/NDF: 65018470900256
Left In: 1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288499 2.0/2

dit_sam6_coil1_mean vs Slug

Right In: -12479.653+/-0.000 χ^2/NDF: 411786332312538053173533339734752719011 84.0/14

+ sign -16233.035+/-0.000 χ^2/NDF: 792468650215

Left Out: -25155.910+/-0.000 χ^2/NDF:71895673033016087071001216550941690429 44.0/3

All: -16139.110+/-0.000 χ^2/NDF: 19817754 7

Right Out: -10238.098+/-0.000 χ^2/NDF: 3122786112615953403196150192322371806 8224.0/15

- sign -16045.185+/-0.000 χ^2/NDF: 11891441496 15

Left In: -31234.705+/-0.000 χ^2/NDF:6359816735007144169417168476559172960256.0/2

dit_sam6_coil1_err_mean vs Slug

Right In: 245.832+/-0.000 χ^2/NDF: 7828269009300013139414476154059358208.0/14

Left Out: 563.942+/-0.000 χ^2/NDF:6756923352279194283167281060692099072.0/3

Right Out: 209.844+/-0.000 χ^2/NDF: 3128489258838765241921217786024034304.0/15

Left In: 677.338+/-0.000 χ^2/NDF:1005939075521032214361936305043013632.0/2

+ sign 340.023+/-0.000 χ^2/NDF: 340311598501067

All: 339.582+/-0.000 χ^2/NDF: 78482942435

- sign 339.140+/-0.000 χ^2/NDF: 444514228872095

dit_sam6_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
+ sign 1028.189+/-0.000 χ^2/NDF: 28342042117909
Left Out: 984.681+/-0.000 χ^2/NDF:27412836487958733895964510826360995 84.0/3
All: 1039.289+/-0.000 χ^2/NDF: 9358770337 8
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15
- sign 1050.388+/-0.000 χ^2/NDF: 65018470900256
Left In: 1157.482+/-0.000 χ^2/NDF:16372944648248449566393953973532884992.0/2

dit_sam7_coil1_mean vs Slug

Right In: 11542.759+/-0.000 χ^2/NDF: 1423354312323856635722676621901468742451 2.0/14

Left Out: 16313.605+/-0.000 χ^2/NDF:2560104338497151514780322811752533196800.0/3

Right Out: 10339.969+/-0.000 χ^2/NDF: 1126083386340675164592342006298241820262 4.0/15

Left In: 17402.380+/-0.000 χ^2/NDF:2810730581447160661754381309877409546 24.0/2

+ sign 12955.385+/-0.000 χ^2/NDF: 211675301249 4

All: 12624.312+/-0.000 χ^2/NDF: 4211268611

- sign 12293.239+/-0.000 χ^2/NDF: 2074303625773

dit_sam7_coil1_err_mean vs Slug

Right In: 198.850+/-0.000 χ^2/NDF: 18333995109503438037075916944440295424.0/14

Left Out: 389.940+/-0.000 χ^2/NDF:2734904938312082855577054309699813376.0/3

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

+ sign 255.431+/-0.000 χ^2/NDF: 280858579759304

All: 250.614+/-0.000 χ^2/NDF: 52208816264 2

- sign 245.798+/-0.000 χ^2/NDF: 240801758879836

dit_sam7_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1028.189+/-0.000 χ^2/NDF: 2834204211790 9
Left Out: 984.681+/-0.000 χ^2/NDF:2741283648795873389596451082636099584.0/3
All: 1039.289+/-0.000 χ^2/NDF: 9358770337 8
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
- sign 1050.388+/-0.000 χ^2/NDF: 6501847090025 6
Left In: 1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288499 2.0/2

dit_sam8_coil1_mean vs Slug

Right In: 8567.784+/-0.000 χ^2/NDF: 1110604887897250136642905567964570845184 0.0/14

+ sign 9485.975+/-0.000 χ^2/NDF: 1428957730810

Left Out: 11668.779+/-0.000 χ^2/NDF:1335628743787083547277349312305918115840.0/3

All: 9257.693+/-0.000 χ^2/NDF: 3379440509

Right Out: 7069.884+/-0.000 χ^2/NDF: 1007686236350265211137821053966438786662 4.0/15

- sign 9029.411+/-0.000 χ^2/NDF: 19408732314520

Left In: 14154.920+/-0.000 χ^2/NDF:7169664130683735470517814917557806694 4.0/2

dit_sam8_coil1_err_mean vs Slug

Right In: 130.021+/-0.000 χ^2/NDF: 3115259987552341725946418665378283520.0/14

Left Out: 327.162+/-0.000 χ^2/NDF:2536447229870285505452810978260418560.0/3

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

+ sign 188.393+/-0.000 χ^2/NDF: 131201675289492

All: 189.408+/-0.000 χ^2/NDF: 28427668227

- sign 190.422+/-0.000 χ^2/NDF: 153056025685008

dit_sam8_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1028.189+/-0.000 χ^2/NDF: 2834204211790 9
Left Out: 984.681+/-0.000 χ^2/NDF:2741283648795873389596451082636099584.0/3
All: 1039.289+/-0.000 χ^2/NDF: 9358770337 8
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
- sign 1050.388+/-0.000 χ^2/NDF: 6501847090025 6
Left In: 1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288499 2.0/2

dit_4aX_coil3_mean vs Slug

Right In: -36.540+/-0.000 χ^2/NDF: 2543518678614446092026376338643353 60.0/14
+ sign -47.547+/-0.000 χ^2/NDF: 570734261381776
Left Out: -73.715+/-0.000 χ^2/NDF:508171823300876330055694374928384 00.0/3
All: -46.803+/-0.000 χ^2/NDF: 130511943761
Right Out: -31.085+/-0.000 χ^2/NDF: 181291079119381636178408498876383232.0/15
- sign -46.059+/-0.000 χ^2/NDF: 7333636000958931
Left In: -85.224+/-0.000 χ^2/NDF:113754111212947768028947421876715 52.0/2

dit_4aX_coil3_err_mean vs Slug

Right In: 2.867+/-0.000 χ^2/NDF: 3455499087584693564208174061322240.0/14

+ sign 2.727+/-0.000 χ^2/NDF: 3548249316953341

Left Out: 2.394+/-0.000 χ^2/NDF:4965166188177753808833282572288 0.0/3

All: 2.771+/-0.000 χ^2/NDF: 6614295850921

Right Out: 2.821+/-0.000 χ^2/NDF: 3052948718107902490497172912472064.0/15

- sign 2.816+/-0.000 χ^2/NDF: 3062430248769260 1

Left In: 2.802+/-0.000 χ^2/NDF:9415737876637926204190557732864.0/2

dit_4aX_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1066.595+/-0.000 χ^2/NDF: 40514838974703
Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3
All: 1054.566+/-0.000 χ^2/NDF: 12011751207
Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
- sign 1042.537+/-0.000 χ^2/NDF: 79335839516083
Left In: 1133.122+/-0.000 χ^2/NDF:73655845408533315928082821929133670 40.0/2

dit_4eX_coil3_mean vs Slug

Right In: -43.289+/-0.000 χ^2/NDF: 199342736778845281087197523996573696.0/14

+ sign -52.730+/-0.000 χ^2/NDF: 446729495345245

Left Out: -75.173+/-0.000 χ^2/NDF:520439876324252588206662448861675 52.0/3

All: -52.052+/-0.000 χ^2/NDF: 10499779212 1

Right Out: -37.832+/-0.000 χ^2/NDF: 148683933977204936634636843897323520.0/15

- sign -51.374+/-0.000 χ^2/NDF: 602401162921742 6

Left In: -86.796+/-0.000 χ^2/NDF:114591249768667213238949836687933 44.0/2

dit_4eX_coil3_err_mean vs Slug

Right In: 2.832+/-0.000 χ^2/NDF: 39576725319290173285125643231559 68.0/14

+ sign 2.672+/-0.000 χ^2/NDF: 4060199645137279 4

Left Out: 2.292+/-0.000 χ^2/NDF:46595415532977796743838786650112.0/3

All: 2.714+/-0.000 χ^2/NDF: 7662443576015 9

Right Out: 2.784+/-0.000 χ^2/NDF: 35895449561081168980912368978493 44.0/15

- sign 2.755+/-0.000 χ^2/NDF: 35990580629155771

Left In: 2.679+/-0.000 χ^2/NDF:74874112096041690552030367580 16.0/2

dit_4eX_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1066.595+/-0.000 χ^2/NDF: 40514838974703
Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3
All: 1054.566+/-0.000 χ^2/NDF: 12011751207
Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
- sign 1042.537+/-0.000 χ^2/NDF: 79335839516083
Left In: 1133.122+/-0.000 χ^2/NDF:73655845408533315928082821929133670 40.0/2

dit_11X12X_coil3_mean vs Slug

Right In: -72.949+/-0.000 χ^2/NDF: 6575542846485798030687912629108736 0.0/14

Left Out: -70.152+/-0.000 χ^2/NDF:4027328339835660958079977815592140 8.0/3

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

+ sign -72.121+/-0.000 χ^2/NDF: 107531784034988

All: -72.043+/-0.000 χ^2/NDF: 252309719840

- sign -71.966+/-0.000 χ^2/NDF: 1447668353214408

dit_11X12X_coil3_err_mean vs Slug

Right In: 3.793+/-0.000 χ^2/NDF: 32053892427261296197962908104130 56.0/14

+ sign 3.491+/-0.000 χ^2/NDF: 3532088612398923 5

Left Out: 2.775+/-0.000 χ^2/NDF:1275233141937599432051349981757 44.0/3

All: 3.483+/-0.000 χ^2/NDF: 6650653738542 0

Right Out: 3.783+/-0.000 χ^2/NDF: 2878586622192676654452338755371008.0/15

- sign 3.475+/-0.000 χ^2/NDF: 3118441485631011 7

Left In: 2.669+/-0.000 χ^2/NDF:1083164426383158105440585252864 0.0/2

dit_11X12X_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1066.595+/-0.000 χ^2/NDF: 40514838974703
Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3
All: 1054.566+/-0.000 χ^2/NDF: 12011751207
Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
- sign 1042.537+/-0.000 χ^2/NDF: 79335839516083
Left In: 1133.122+/-0.000 χ^2/NDF:73655845408533315928082821929133670 40.0/2

dit_4aY_coil3_mean vs Slug

Right In: 4.025+/-0.000 χ^2/NDF: 769001650442321928129473832550400.0/14

+ sign 4.198+/-0.000 χ^2/NDF: 1185173793256454

Left Out: 4.611+/-0.000 χ^2/NDF:350237745088913975679215193817088.0/3

All: 4.127+/-0.000 χ^2/NDF: 2286194428691

Right Out: 3.819+/-0.000 χ^2/NDF: 888232240226434329114859171479552.0/15

- sign 4.055+/-0.000 χ^2/NDF: 10916039933260185

Left In: 4.675+/-0.000 χ^2/NDF:6810910097154245295607084220416 0.0/2

dit_4aY_coil3_err_mean vs Slug

Right In: 0.839+/-0.000 χ^2/NDF: 2584160253346156615211630838415 36.0/14

+ sign 0.697+/-0.000 χ^2/NDF: 3040744478958264 0

Left Out: 0.361+/-0.000 χ^2/NDF:1859364699990356731935514951680.0/3

All: 0.712+/-0.000 χ^2/NDF: 5904569700387 1

Right Out: 0.844+/-0.000 χ^2/NDF: 2529175093934327602406489189253 12.0/15

- sign 0.727+/-0.000 χ^2/NDF: 2859873379890949 0

Left In: 0.421+/-0.000 χ^2/NDF:1050632958370158331237477908 48.0/2

dit_4aY_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1066.595+/-0.000 χ^2/NDF: 40514838974703
Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3
All: 1054.566+/-0.000 χ^2/NDF: 12011751207
Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
- sign 1042.537+/-0.000 χ^2/NDF: 79335839516083
Left In: 1133.122+/-0.000 χ^2/NDF:73655845408533315928082821929133670 40.0/2

dit_4eY_coil3_mean vs Slug

Right In: 4.275+/-0.000 χ^2/NDF: 5971887078981988517924154355220 48.0/14

+ sign 4.043+/-0.000 χ^2/NDF: 1086905858934391 3

Left Out: 3.491+/-0.000 χ^2/NDF:3717695380210531120960311121674 24.0/3

All: 4.166+/-0.000 χ^2/NDF: 2100199268206 6

Right Out: 4.039+/-0.000 χ^2/NDF: 7723688481944643249731087651307 52.0/15

- sign 4.289+/-0.000 χ^2/NDF: 9854292043146062 5

Left In: 4.940+/-0.000 χ^2/NDF:6329638977115348307653178477772 8.0/2

dit_4eY_coil3_err_mean vs Slug

Right In: 0.793+/-0.000 χ^2/NDF: 195508777173589483440314700005376.0/14

Left Out: 0.397+/-0.000 χ^2/NDF:250964955103699640217332665548 8.0/3

Right Out: 0.778+/-0.000 χ^2/NDF: 185814635772183306063903690063872.0/15

Left In: 0.454+/-0.000 χ^2/NDF:795448929453578004525440040 96.0/2

+ sign 0.676+/-0.000 χ^2/NDF: 2281808495327352 9

All: 0.682+/-0.000 χ^2/NDF: 4335682216160 9

- sign 0.689+/-0.000 χ^2/NDF: 20531210914131706

dit_4eY_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1066.595+/-0.000 χ^2/NDF: 40514838974703
Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3
All: 1054.566+/-0.000 χ^2/NDF: 12011751207
Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
- sign 1042.537+/-0.000 χ^2/NDF: 79335839516083
Left In: 1133.122+/-0.000 χ^2/NDF:73655845408533315928082821929133670 40.0/2

dit_usl_coil3_mean vs Slug

Right In: 3155.434+/-0.000 χ^2/NDF: 9035505347736229021109182140336129966 08.0/14

+ sign 3620.645+/-0.000 χ^2/NDF: 17266121865409

Left Out: 5086.285+/-0.000 χ^2/NDF:2400956938327949687764342558892081807 36.0/2

All: 3665.472+/-0.000 χ^2/NDF: 4484254547 1

Right Out: 2792.245+/-0.000 χ^2/NDF: 6746357493241730019732644275309867 17184.0/15

- sign 3707.042+/-0.000 χ^2/NDF: 27543309839804

Left In: 6099.863+/-0.000 χ^2/NDF:6148764978226346821413091249187559 8336.0/2

dit_usl_coil3_err_mean vs Slug

Right In: 213.739+/-0.000 χ^2/NDF: 19718138109054002114361149860507287552.0/14

+ sign 208.134+/-0.000 χ^2/NDF: 203540688394140

Left Out: 190.473+/-0.000 χ^2/NDF:5512914591699470162494307367974338 56.0/2

All: 219.888+/-0.000 χ^2/NDF: 44656299527 8

Right Out: 234.712+/-0.000 χ^2/NDF: 240131341071672148951890504810674257 92.0/15

- sign 230.789+/-0.000 χ^2/NDF: 240745324248141

Left In: 220.527+/-0.000 χ^2/NDF:242767026488511620698932582274826 24.0/2

dit_usl_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1064.992+/-0.000 χ^2/NDF: 40484581577719
Left Out: 941.748+/-0.000 χ^2/NDF:362460792955495445978731767563236 1472.0/2
All: 1053.341+/-0.000 χ^2/NDF: 1200441042 4
Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15
- sign 1042.537+/-0.000 χ^2/NDF: 79335839516083
Left In: 1133.122+/-0.000 χ^2/NDF:736558454085333159280828219291336704 0.0/2

dit_usr_coil3_mean vs Slug

Right In: -3034.527+/-0.000 χ^2/NDF: 6306945533534638685473351750909197025 28.0/14

Left Out: -4543.334+/-0.000 χ^2/NDF:1829009256031201730848570072362909696 00.0/3

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

+ sign -3481.278+/-0.000 χ^2/NDF: 1251060605792

All: -3451.431+/-0.000 χ^2/NDF: 2976953176

- sign -3421.583+/-0.000 χ^2/NDF: 1724249829667 8

dit_usr_coil3_err_mean vs Slug

Right In: 273.039+/-0.000 χ^2/NDF: 2648593505334117509291379521218412544 0.0/14

Left Out: 184.542+/-0.000 χ^2/NDF:4896329902559855526598143376233594 88.0/3

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

+ sign 246.835+/-0.000 χ^2/NDF: 284805597120667

All: 250.317+/-0.000 χ^2/NDF: 51871200172 4

- sign 253.799+/-0.000 χ^2/NDF: 233682862673391

dit_usr_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1066.595+/-0.000 χ^2/NDF: 40514838974703
Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3
All: 1054.566+/-0.000 χ^2/NDF: 12011751207
Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
- sign 1042.537+/-0.000 χ^2/NDF: 79335839516083
Left In: 1133.122+/-0.000 χ^2/NDF:73655845408533315928082821929133670 40.0/2

dit_atl1_coil3_mean vs Slug

Right In: -1564.595+/-0.000 χ^2/NDF: 4838748009785710425789757570290391449 60.0/14
+ sign -1286.477+/-0.000 χ^2/NDF: 4681881491865
Left Out: -625.309+/-0.000 χ^2/NDF:4028466661997418102708846865084422553600.0/3
All: -1691.343+/-0.000 χ^2/NDF: 6043217260
Right Out: -1578.178+/-0.000 χ^2/NDF: 3684505725562175640719632035810985902 08.0/15
- sign -2096.210+/-0.000 χ^2/NDF: 1059072962817 2
Left In: -3451.219+/-0.000 χ^2/NDF:4343566186606372993871628920665250 2016.0/2

dit_atl1_coil3_err_mean vs Slug

Right In: 358.080+/-0.000 χ^2/NDF: 157922789145697858165644452090202816512.0/14

Left Out: 170.502+/-0.000 χ^2/NDF:60925586677121880478719364162807398 4.0/3

Right Out: 893.897+/-0.000 χ^2/NDF: 207592015577420104357269565679780390 5024.0/15

Left In: 184.463+/-0.000 χ^2/NDF:561566463448834699443589179967385 6.0/2

+ sign 302.539+/-0.000 χ^2/NDF: 16529350661626 4

All: 500.113+/-0.000 χ^2/NDF: 24060962241 2

- sign 697.687+/-0.000 χ^2/NDF: 21688212671557 7

dit_atl1_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1066.595+/-0.000 χ^2/NDF: 40514838974703
Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3
All: 1054.566+/-0.000 χ^2/NDF: 12011751207
Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
- sign 1042.537+/-0.000 χ^2/NDF: 79335839516083
Left In: 1133.122+/-0.000 χ^2/NDF:73655845408533315928082821929133670 40.0/2

dit_atl2_coil3_mean vs Slug

Right In: 5295.485+/-0.000 χ^2/NDF: 250564523296826327544404801609318321356 8.0/14

+ sign 6271.429+/-0.000 χ^2/NDF: 5518316924156 3

Left Out: 8591.529+/-0.000 χ^2/NDF:9249986696575106761087391314107705589 76.0/3

All: 6217.194+/-0.000 χ^2/NDF: 1373203270 6

Right Out: 4575.270+/-0.000 χ^2/NDF: 186332209477040373909610080007271691059 2.0/15

- sign 6162.960+/-0.000 χ^2/NDF: 8208291881527 8

Left Out: 10315.858+/-0.000 χ^2/NDF:2657508402324186797201459142236171141 12.0/2

dit_atl2_coil3_err_mean vs Slug

Right In: 862.683+/-0.000 χ^2/NDF: 3376840008638193150264591065257596682 24.0/14
+ sign 800.447+/-0.000 χ^2/NDF: 365939125026642
Left Out: 652.495+/-0.000 χ^2/NDF:1976543105266553720191429975085364019 2.0/3
All: 817.362+/-0.000 χ^2/NDF: 69690985604 0
Right Out: 856.059+/-0.000 χ^2/NDF: 327195216546444767148716224688288694272.0/15
- sign 834.277+/-0.000 χ^2/NDF: 330443134683782
Left In: 777.302+/-0.000 χ^2/NDF:2103706258136864462788887698915459072.0/2

dit_atl2_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1066.595+/-0.000 χ^2/NDF: 40514838974703
Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3
All: 1054.566+/-0.000 χ^2/NDF: 12011751207
Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
- sign 1042.537+/-0.000 χ^2/NDF: 79335839516083
Left In: 1133.122+/-0.000 χ^2/NDF:73655845408533315928082821929133670 40.0/2

dit_atr1_coil3_mean vs Slug

Right In: 2201.844+/-0.000 χ^2/NDF: 1086544775216266395419904724422998622208.0/14

+ sign 2884.888+/-0.000 χ^2/NDF: 2295002065211

Left Out: 4508.681+/-0.000 χ^2/NDF:185846094151652680923061350454200893440.0/3

All: 2899.455+/-0.000 χ^2/NDF: 4959006551

Right Out: 2026.969+/-0.000 χ^2/NDF: 7086264566034107051245182999566451998 72.0/15

- sign 2914.023+/-0.000 χ^2/NDF: 26636131661614

Left In: 5234.277+/-0.000 χ^2/NDF:573353191157539340772222664726229811 20.0/2

dit_atr1_coil3_err_mean vs Slug

Right In: 329.229+/-0.000 χ^2/NDF: 1032850290919227420338379034371324641 28.0/14

Left Out: 188.130+/-0.000 χ^2/NDF:4652131526888362584934794183500103 68.0/3

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

+ sign 287.450+/-0.000 χ^2/NDF: 10757605386978 7

All: 318.616+/-0.000 χ^2/NDF: 3937620060 33

- sign 349.781+/-0.000 χ^2/NDF: 2843949475770 51

dit_atr1_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1066.595+/-0.000 χ^2/NDF: 40514838974703
Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3
All: 1054.566+/-0.000 χ^2/NDF: 12011751207
Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
- sign 1042.537+/-0.000 χ^2/NDF: 79335839516083
Left In: 1133.122+/-0.000 χ^2/NDF:73655845408533315928082821929133670 40.0/2

dit_atr2_coil3_mean vs Slug

Right In: -3183.928+/-0.000 χ^2/NDF: 2134923281384422537296044119642733543424.0/14

Left Out: -5736.865+/-0.000 χ^2/NDF:2229909550883846369577578098372011622 40.0/3

Right Out: -2843.597+/-0.000 χ^2/NDF: 9470776115637232447055310919440153968 64.0/15

Left In: -6469.026+/-0.000 χ^2/NDF:9679320106525518676146288243435477401 6.0/2

+ sign -3939.841+/-0.000 χ^2/NDF: 3610353258427

All: -3893.066+/-0.000 χ^2/NDF: 7082935426

- sign -3846.291+/-0.000 χ^2/NDF: 3468547702486 9

dit_atr2_coil3_err_mean vs Slug

Right In: 1003.407+/-0.000 χ^2/NDF: 219815257294811198811064619822196195328.0/14

+ sign 904.879+/-0.000 χ^2/NDF: 250818993516913

Left Out: 670.649+/-0.000 χ^2/NDF:972557164607417429391925894296109056 0.0/3

All: 1100.829+/-0.000 χ^2/NDF: 4079631810 4

Right Out: 1539.568+/-0.000 χ^2/NDF: 36147747852974822931453545741254372884 48.0/15

- sign 1296.779+/-0.000 χ^2/NDF: 37580098571692

Left In: 661.718+/-0.000 χ^2/NDF:107573227974812226107340893669084364 8.0/2

dit_atr2_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1066.595+/-0.000 χ^2/NDF: 40514838974703
Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3
All: 1054.566+/-0.000 χ^2/NDF: 12011751207
Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
- sign 1042.537+/-0.000 χ^2/NDF: 79335839516083
Left In: 1133.122+/-0.000 χ^2/NDF:73655845408533315928082821929133670 40.0/2

dit_sam1_coil3_mean vs Slug

Right In: 169.489+/-0.000 χ^2/NDF: 954358945852108910324266135674903592 96.0/14

Left Out: 511.851+/-0.000 χ^2/NDF:110122298529882406268274558202858700 80.0/3

Right Out: 110.289+/-0.000 χ^2/NDF: 717707841020529385235927165084798812 16.0/15

Left In: 861.524+/-0.000 χ^2/NDF:110227469329063060843341840783213854 72.0/2

+ sign 270.861+/-0.000 χ^2/NDF: 1289722380026 45

All: 294.461+/-0.000 χ^2/NDF: 3169015927 72

- sign 318.060+/-0.000 χ^2/NDF: 186902364788 721

dit_sam1_coil3_err_mean vs Slug

Right In: 74.129+/-0.000 χ^2/NDF: 2168375717401207322620658258081218560.0/14

+ sign 59.298+/-0.000 χ^2/NDF: 2657835934205257

Left Out: 24.041+/-0.000 χ^2/NDF:7353920175068448071387376731029504.0/3

All: 63.072+/-0.000 χ^2/NDF: 536806214432

Right Out: 78.633+/-0.000 χ^2/NDF: 2343230336879830638767678903539466240.0/15

- sign 66.847+/-0.000 χ^2/NDF: 2683954301850588

Left In: 36.019+/-0.000 χ^2/NDF:5726182763375034198367545782697984.0/2

dit_sam1_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1066.595+/-0.000 χ^2/NDF: 40514838974703
Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3
All: 1054.566+/-0.000 χ^2/NDF: 12011751207
Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
- sign 1042.537+/-0.000 χ^2/NDF: 79335839516083
Left In: 1133.122+/-0.000 χ^2/NDF:73655845408533315928082821929133670 40.0/2

dit_sam2_coil3_mean vs Slug

Right In: 9876.530+/-0.000 χ^2/NDF: 8483360287053054122301651905797133697024.0/14

+ sign 11527.213+/-0.000 χ^2/NDF: 1630997347792

Left Out: 15451.363+/-0.000 χ^2/NDF:1854333656391266662775867983465373761536.0/3

All: 11274.417+/-0.000 χ^2/NDF: 3452170188

Right Out: 8961.593+/-0.000 χ^2/NDF: 7583728644146461427304320888408335450112.0/15

- sign 11021.620+/-0.000 χ^2/NDF: 1809388556091

Left In: 16410.005+/-0.000 χ^2/NDF:2757524822921523148900299743889562009 60.0/2

dit_sam2_coil3_err_mean vs Slug

Right In: 764.284+/-0.000 χ^2/NDF: 290964758058269480005067205020030599168.0/14

+ sign 673.979+/-0.000 χ^2/NDF: 310661809157430

Left Out: 459.297+/-0.000 χ^2/NDF:18223088480161958706693344421834915 84.0/3

All: 685.395+/-0.000 χ^2/NDF: 611455093914

Right Out: 772.547+/-0.000 χ^2/NDF: 285902138904642401278625587631891677184.0/15

- sign 696.811+/-0.000 χ^2/NDF: 300552955674232

Left In: 498.709+/-0.000 χ^2/NDF:817575414065191958807356191295930368.0/2

dit_sam2_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1066.595+/-0.000 χ^2/NDF: 40514838974703
Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3
All: 1054.566+/-0.000 χ^2/NDF: 12011751207
Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
- sign 1042.537+/-0.000 χ^2/NDF: 79335839516083
Left In: 1133.122+/-0.000 χ^2/NDF:73655845408533315928082821929133670 40.0/2

dit_sam3_coil3_mean vs Slug

Right In: 5145.657+/-0.000 χ^2/NDF: 4272867262459372237810540195851662262272.0/14

+ sign 6482.858+/-0.000 χ^2/NDF: 90022256237991

Left Out: 9661.770+/-0.000 χ^2/NDF:810080683105191467379428275253955002368.0/3

All: 6113.036+/-0.000 χ^2/NDF: 1787892098

Right Out: 4318.126+/-0.000 χ^2/NDF: 334517655456475542731253388890852661657 6.0/15

- sign 5743.213+/-0.000 χ^2/NDF: 86244943859212

Left In: 9470.795+/-0.000 χ^2/NDF:381535480306379050437919418379600396288.0/2

dit_sam3_coil3_err_mean vs Slug

Right In: 378.052+/-0.000 χ^2/NDF: 615165900225930530408607608613319475 20.0/14

Left Out: 334.583+/-0.000 χ^2/NDF:942121031098478837976368851128942592.0/3

Right Out: 363.772+/-0.000 χ^2/NDF: 590313374847098018041814393427066880 00.0/15

Left In: 338.760+/-0.000 χ^2/NDF:975043469437948693057834620200943616.0/2

+ sign 365.181+/-0.000 χ^2/NDF: 628218179300820

All: 361.018+/-0.000 χ^2/NDF: 12297557281

- sign 356.855+/-0.000 χ^2/NDF: 601217940433793

dit_sam3_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1066.595+/-0.000 χ^2/NDF: 40514838974703
Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3
All: 1054.566+/-0.000 χ^2/NDF: 12011751207
Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
- sign 1042.537+/-0.000 χ^2/NDF: 79335839516083
Left In: 1133.122+/-0.000 χ^2/NDF:73655845408533315928082821929133670 40.0/2

dit_sam4_coil3_mean vs Slug

Right In: 9062.710+/-0.000 χ^2/NDF: 1362106694311435459415925240917543144652 8.0/14

+ sign 11310.384+/-0.000 χ^2/NDF: 2724715063897

Left Out: 16653.755+/-0.000 χ^2/NDF:2552721131376114831037596192501860925440.0/3

All: 10835.062+/-0.000 χ^2/NDF: 5809833668

Right Out: 7490.147+/-0.000 χ^2/NDF: 1010820212420413993228500645738823915929 6.0/15

- sign 10359.740+/-0.000 χ^2/NDF: 3043456929424

Left In: 17865.694+/-0.000 χ^2/NDF:4673809683577646399066688751379184353 28.0/2

dit_sam4_coil3_err_mean vs Slug

Right In: 530.057+/-0.000 χ^2/NDF: 78754676063063255524046471751880671232.0/14

+ sign 537.349+/-0.000 χ^2/NDF: 816277732054916

Left Out: 554.685+/-0.000 χ^2/NDF:275654753777149594924406057908305920 0.0/3

All: 533.680+/-0.000 χ^2/NDF: 16129751025 5

Right Out: 507.987+/-0.000 χ^2/NDF: 76689734698308464337881841969555046400.0/15

- sign 530.011+/-0.000 χ^2/NDF: 796449137777912

Left In: 587.621+/-0.000 χ^2/NDF:178533128914963227259206387533611008 0.0/2

dit_sam4_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1066.595+/-0.000 χ^2/NDF: 40514838974703
Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3
All: 1054.566+/-0.000 χ^2/NDF: 12011751207
Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
- sign 1042.537+/-0.000 χ^2/NDF: 79335839516083
Left In: 1133.122+/-0.000 χ^2/NDF:73655845408533315928082821929133670 40.0/2

dit_sam5_coil3_mean vs Slug

Right In: 515.635+/-0.000 χ^2/NDF: 484654034205739572926730623711623249 92.0/14

Left Out: 452.049+/-0.000 χ^2/NDF:3397975293787039349538044746548641792.0/3

Right Out: 461.497+/-0.000 χ^2/NDF: 404737466600913559280633068843685642 24.0/15

Left In: 625.869+/-0.000 χ^2/NDF:3103656294311520626133385781853552640.0/2

+ sign 496.808+/-0.000 χ^2/NDF: 526403447483888

All: 501.883+/-0.000 χ^2/NDF: 10124935762

- sign 506.958+/-0.000 χ^2/NDF: 485615196862587

dit_sam5_coil3_err_mean vs Slug

Right In: 88.493+/-0.000 χ^2/NDF: 6432311551930355126258179632089006 08.0/14

+ sign 82.885+/-0.000 χ^2/NDF: 8273402301787929

Left Out: 69.555+/-0.000 χ^2/NDF:115186773408527898403018461973315584.0/3

All: 82.872+/-0.000 χ^2/NDF: 192846294751 9

Right Out: 86.773+/-0.000 χ^2/NDF: 105920676631408602124052500322870 8864.0/15

- sign 82.858+/-0.000 χ^2/NDF: 1101122377580995

Left In: 72.618+/-0.000 χ^2/NDF:494894732262061487661212641316 0448.0/2

dit_sam5_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1066.595+/-0.000 χ^2/NDF: 40514838974703
Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3
All: 1054.566+/-0.000 χ^2/NDF: 12011751207
Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
- sign 1042.537+/-0.000 χ^2/NDF: 79335839516083
Left In: 1133.122+/-0.000 χ^2/NDF:73655845408533315928082821929133670 40.0/2

dit_sam6_coil3_mean vs Slug

Right In: -1299.904+/-0.000 χ^2/NDF: 11996492521632163670864086915775243223 04.0/14
+ sign -2165.650+/-0.000 χ^2/NDF: 3031301741309
Left Out: -4223.778+/-0.000 χ^2/NDF:188817617015380895178940398849692270592.0/3
All: -2156.184+/-0.000 χ^2/NDF: 7533207182
Right Out: -951.903+/-0.000 χ^2/NDF: 8413146968636570441744682842170893271 04.0/15
- sign -2146.719+/-0.000 χ^2/NDF: 4501740232574 4
Left In: -5271.982+/-0.000 χ^2/NDF:217572147147716974471493158039428530176.0/2

dit_sam6_coil3_err_mean vs Slug

Right In: 114.118+/-0.000 χ^2/NDF: 607226770891525118881736460452495360.0/14

Left Out: 136.622+/-0.000 χ^2/NDF:221354183544623190814808564457013248.0/3

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

+ sign 120.781+/-0.000 χ^2/NDF: 925898251891089

All: 121.798+/-0.000 χ^2/NDF: 24866149255

- sign 122.816+/-0.000 χ^2/NDF: 155880857365881

dit_sam6_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1066.595+/-0.000 χ^2/NDF: 40514838974703
Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3
All: 1054.566+/-0.000 χ^2/NDF: 12011751207
Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
- sign 1042.537+/-0.000 χ^2/NDF: 79335839516083
Left In: 1133.122+/-0.000 χ^2/NDF:73655845408533315928082821929133670 40.0/2

dit_sam7_coil3_mean vs Slug

Right In: 2323.372+/-0.000 χ^2/NDF: 476371189888349375964725620757728591872.0/14

+ sign 2704.486+/-0.000 χ^2/NDF: 92158011992284

Left Out: 3610.506+/-0.000 χ^2/NDF:1268451385179887486309397674024144732 16.0/3

All: 2640.980+/-0.000 χ^2/NDF: 1879940077 5

Right Out: 2092.458+/-0.000 χ^2/NDF: 367126080872166122663684022473339174912.0/15

- sign 2577.475+/-0.000 χ^2/NDF: 95092309971121

Left In: 3846.125+/-0.000 χ^2/NDF:164751277675168607373268175814991544 32.0/2

dit_sam7_coil3_err_mean vs Slug

Right In: 122.622+/-0.000 χ^2/NDF: 5937504661187691145903235842749497344.0/14

Left Out: 103.836+/-0.000 χ^2/NDF:1064625969968340527379874488002805 76.0/3

Right Out: 124.216+/-0.000 χ^2/NDF: 6549627589629012958791202941129719808.0/15

Left In: 113.453+/-0.000 χ^2/NDF:1072722375042606472898496307606323 2.0/2

+ sign 117.060+/-0.000 χ^2/NDF: 611178320114881

All: 119.150+/-0.000 χ^2/NDF: 12701564884

- sign 121.239+/-0.000 χ^2/NDF: 658172782798881

dit_sam7_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1066.595+/-0.000 χ^2/NDF: 40514838974703
Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3
All: 1054.566+/-0.000 χ^2/NDF: 12011751207
Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
- sign 1042.537+/-0.000 χ^2/NDF: 79335839516083
Left In: 1133.122+/-0.000 χ^2/NDF:73655845408533315928082821929133670 40.0/2

dit_sam8_coil3_mean vs Slug

Right In: 1761.245+/-0.000 χ^2/NDF: 332206925976055306953064744993096204288.0/14

Left Out: 2557.111+/-0.000 χ^2/NDF:905900607025021104015376578884812144 64.0/3

Right Out: 1479.801+/-0.000 χ^2/NDF: 2634677681347809688325512386092361318 40.0/15

Left In: 3132.307+/-0.000 χ^2/NDF:610021010890625663102704600013288 2432.0/2

+ sign 1996.897+/-0.000 χ^2/NDF: 5445153386162 7

All: 1966.868+/-0.000 χ^2/NDF: 1319503408 7

- sign 1936.839+/-0.000 χ^2/NDF: 7733252372471 9

dit_sam8_coil3_err_mean vs Slug

Right In: 82.422+/-0.000 χ^2/NDF: 1263633347129443757477527241185296384.0/14

+ sign 82.237+/-0.000 χ^2/NDF: 1350025192668688

Left Out: 81.798+/-0.000 χ^2/NDF:863170856768147962844195642838876 16.0/3

All: 82.327+/-0.000 χ^2/NDF: 2931698867387

Right Out: 77.430+/-0.000 χ^2/NDF: 1515456409368458038568290276111024128.0/15

- sign 82.416+/-0.000 χ^2/NDF: 1581658898954401

Left In: 95.459+/-0.000 χ^2/NDF:6237963989028409568753279991545856.0/2

dit_sam8_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1066.595+/-0.000 χ^2/NDF: 40514838974703
Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3
All: 1054.566+/-0.000 χ^2/NDF: 12011751207
Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
- sign 1042.537+/-0.000 χ^2/NDF: 79335839516083
Left In: 1133.122+/-0.000 χ^2/NDF:73655845408533315928082821929133670 40.0/2

dit_4aX_coil7_mean vs Slug

Right In: 164.752+/-0.000 χ^2/NDF: 636982894318183391742569991655496089 6.0/14

+ sign 121.730+/-0.000 χ^2/NDF: 104276107202091

Left Out: 19.455+/-0.000 χ^2/NDF:96163029943377096531862478861107 2.0/3

All: 125.369+/-0.000 χ^2/NDF: 203706684514

Right Out: 169.108+/-0.000 χ^2/NDF: 604072180204293682276691068781907 1488.0/15

- sign 129.008+/-0.000 χ^2/NDF: 991863671602680

Left In: 24.122+/-0.000 χ^2/NDF:122786044110205898100488542355456.0/2

dit_4aX_coil7_err_mean vs Slug

Right In: 7.738+/-0.000 χ^2/NDF: 1512721547923450600746949276807987 2.0/14

+ sign 7.620+/-0.000 χ^2/NDF: 1562317442043665 6

Left Out: 7.338+/-0.000 χ^2/NDF:4651646016015947683455807164252 16.0/3

All: 7.529+/-0.000 χ^2/NDF: 2738406441080 6

Right Out: 7.057+/-0.000 χ^2/NDF: 1129244120413939479234124275358 1056.0/15

- sign 7.437+/-0.000 χ^2/NDF: 1174551436455805 9

Left In: 8.432+/-0.000 χ^2/NDF:1043273123837569219051567940894 72.0/2

dit_4aX_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1030.248+/-0.000 χ^2/NDF: 4962119382036 2

Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3

All: 1026.362+/-0.000 χ^2/NDF: 1354446527 7

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

- sign 1022.475+/-0.000 χ^2/NDF: 8579560326488 4

Left In: 1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

dit_4eX_coil7_mean vs Slug

Right In: 141.032+/-0.000 χ^2/NDF: 450799258551292333258741561224593408 0.0/14

+ sign 104.542+/-0.000 χ^2/NDF: 74273054034892 6

Left Out: 17.795+/-0.000 χ^2/NDF:817887565570467001099105876312064.0/3

All: 107.504+/-0.000 χ^2/NDF: 14469893023

Right Out: 144.283+/-0.000 χ^2/NDF: 426833357151774088606536166392882 7904.0/15

- sign 110.466+/-0.000 χ^2/NDF: 702640995024294

Left In: 22.010+/-0.000 χ^2/NDF:631716307214353373789051210956 80.0/2

dit_4eX_coil7_err_mean vs Slug

Right In: 7.198+/-0.000 χ^2/NDF: 18212640728502785337831966963138560.0/14

+ sign 7.063+/-0.000 χ^2/NDF: 18667013305684054

Left Out: 6.744+/-0.000 χ^2/NDF:41482426797824914838638067240140 8.0/3

All: 6.969+/-0.000 χ^2/NDF: 3310898358845 3

Right Out: 6.547+/-0.000 χ^2/NDF: 14078912505116068936230809834094592.0/15

- sign 6.875+/-0.000 χ^2/NDF: 14425618116085775

Left In: 7.735+/-0.000 χ^2/NDF:863871563169276376129937290035 20.0/2

dit_4eX_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1030.248+/-0.000 χ^2/NDF: 4962119382036 2

Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3

All: 1026.362+/-0.000 χ^2/NDF: 1354446527 7

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

- sign 1022.475+/-0.000 χ^2/NDF: 85795603264884

Left Out: 1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

dit_11X12X_coil7_mean vs Slug

Right In: -397.613+/-0.000 χ^2/NDF: 266128078538463320709610622947426304 0.0/14

+ sign -381.422+/-0.000 χ^2/NDF: 40435185332674

Left Out: -342.932+/-0.000 χ^2/NDF:807653524791121182675662875435991040.0/3

All: -389.078+/-0.000 χ^2/NDF: 7982642798 8

Right Out: -394.973+/-0.000 χ^2/NDF: 368559551342718350159616528087410278 4.0/15

- sign -396.734+/-0.000 χ^2/NDF: 38310481736057 2

Left In: -401.339+/-0.000 χ^2/NDF:137975712227954492539046278182469632.0/2

dit_11X12X_coil7_err_mean vs Slug

Right In: 11.089+/-0.000 χ^2/NDF: 1423599112201498447816335126691840 0.0/14
+ sign 10.684+/-0.000 χ^2/NDF: 1705931777600799
Left Out: 9.722+/-0.000 χ^2/NDF:2464407336119684972014055192526848.0/3
All: 10.444+/-0.000 χ^2/NDF: 3298310412852
Right Out: 10.728+/-0.000 χ^2/NDF: 1476723829072526090808112443713126 4.0/15
- sign 10.204+/-0.000 χ^2/NDF: 1581728481577658
Left In: 8.833+/-0.000 χ^2/NDF:3876200934010733715523269421957 12.0/2

dit_11X12X_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1030.248+/-0.000 χ^2/NDF: 4962119382036 2

Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3

All: 1026.362+/-0.000 χ^2/NDF: 1354446527 7

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

- sign 1022.475+/-0.000 χ^2/NDF: 8579560326488 4

Left In: 1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

dit_4aY_coil7_mean vs Slug

Right In: -9.582+/-0.000 χ^2/NDF: 1470267998394000282080647196337766 4.0/14

+ sign -8.826+/-0.000 χ^2/NDF: 1925567652600514

Left Out: -7.030+/-0.000 χ^2/NDF:3300890255682655116184434618925056.0/3

All: -8.269+/-0.000 χ^2/NDF: 4102164020408

Right Out: -8.211+/-0.000 χ^2/NDF: 1830423729383596146560575420445491 2.0/15

- sign -7.711+/-0.000 χ^2/NDF: 2119294863204264 4

Left In: -6.404+/-0.000 χ^2/NDF:2286356538528806853674457198755840.0/2

dit_4aY_coil7_err_mean vs Slug

Right In: 2.367+/-0.000 χ^2/NDF: 9206332945461528769220667674460 16.0/14

Left Out: 1.434+/-0.000 χ^2/NDF:1013432147930991196454750729011 2.0/3

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

+ sign 2.091+/-0.000 χ^2/NDF: 1098176606483905 3

All: 2.047+/-0.000 χ^2/NDF: 1917100722237 3

- sign 2.004+/-0.000 χ^2/NDF: 8154837147961610 8

dit_4aY_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1030.248+/-0.000 χ^2/NDF: 4962119382036 2

Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3

All: 1026.362+/-0.000 χ^2/NDF: 1354446527 7

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

- sign 1022.475+/-0.000 χ^2/NDF: 8579560326488 4

Left Out: 1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

dit_4eY_coil7_mean vs Slug

Right In: -8.139+/-0.000 χ^2/NDF: 1467644264922212037253377989332172 8.0/14

+ sign -7.937+/-0.000 χ^2/NDF: 1494435716703259

Left Out: -7.456+/-0.000 χ^2/NDF:1782366233794648895259300121804 80.0/3

All: -7.132+/-0.000 χ^2/NDF: 3530805171705

Right Out: -6.859+/-0.000 χ^2/NDF: 1648363156159179073135263215307 9808.0/15

- sign -6.327+/-0.000 χ^2/NDF: 1917006903334961 5

Left In: -4.938+/-0.000 χ^2/NDF:2005779000422122230498559740870656.0/2

dit_4eY_coil7_err_mean vs Slug

Right In: 2.250+/-0.000 χ^2/NDF: 6567745881362748162954427010908 16.0/14

Left Out: 1.557+/-0.000 χ^2/NDF:160474489368705344377735862026 24.0/3

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

+ sign 2.045+/-0.000 χ^2/NDF: 7652813614289964 7

All: 1.996+/-0.000 χ^2/NDF: 1364349820226 2

- sign 1.948+/-0.000 χ^2/NDF: 5947223127804718 4

dit_4eY_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1030.248+/-0.000 χ^2/NDF: 4962119382036 2

Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3

All: 1026.362+/-0.000 χ^2/NDF: 1354446527 7

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

- sign 1022.475+/-0.000 χ^2/NDF: 8579560326488 4

Left Out: 1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

dit_usl_coil7_mean vs Slug

Right In: 8703.332+/-0.000 χ^2/NDF: 195011330673084268595363045008191919226 88.0/14
+ sign 10686.918+/-0.000 χ^2/NDF: 3674637412135
Left Out: 16936.177+/-0.000 χ^2/NDF:6646710921788244129422426256816969089024.0/2
All: 12280.183+/-0.000 χ^2/NDF: 1198045325
Right Out: 10539.327+/-0.000 χ^2/NDF: 462266842278361092733940625697537586 62656.0/15
- sign 13757.667+/-0.000 χ^2/NDF: 7887505867116
Left Out: 22175.836+/-0.000 χ^2/NDF:7669060996601189715266967274711920148480.0/2

dit_usl_coil7_err_mean vs Slug

Right In: 599.849+/-0.000 χ^2/NDF: 8925896110037324430933720871563847270 4.0/14

+ sign 615.301+/-0.000 χ^2/NDF: 996369660038342

Left Out: 663.981+/-0.000 χ^2/NDF:9734894599574410654576162279931248640.0/2

All: 632.950+/-0.000 χ^2/NDF: 20534468229 0

Right Out: 623.569+/-0.000 χ^2/NDF: 10144884547929760304415261812687949 0048.0/15

- sign 649.316+/-0.000 χ^2/NDF: 105194425898673

Left In: 716.663+/-0.000 χ^2/NDF:2146821746702083421903081915839152128.0/2

dit_usl_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14
+ sign 1011.800+/-0.000 χ^2/NDF: 4561678527392 2
Left Out: 980.660+/-0.000 χ^2/NDF:486052346317757429011129802393701 5808.0/2
All: 1017.339+/-0.000 χ^2/NDF: 1314629418 7
Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15
- sign 1022.475+/-0.000 χ^2/NDF: 8579560326488 4
Left In: 1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

dit_usr_coil7_mean vs Slug

Right In: 25232.229+/-0.000 χ^2/NDF: 2453458197477203101630463386353863229440 0.0/14

+ sign 23097.928+/-0.000 χ^2/NDF: 3848747953553

Left Out: 18024.077+/-0.000 χ^2/NDF:3968443192307123475591230272815784525824.0/3

All: 23753.232+/-0.000 χ^2/NDF: 6957539018

Right Out: 25601.388+/-0.000 χ^2/NDF: 2435975758796451082765081984727048309964 8.0/15

- sign 24408.535+/-0.000 χ^2/NDF: 3029605477079

Left In: 21288.406+/-0.000 χ^2/NDF:2504746071667990936714745163461328633856.0/2

dit_usr_coil7_err_mean vs Slug

Right In: 818.668+/-0.000 χ^2/NDF: 1056065270969119744894968023183733555 20.0/14
+ sign 770.304+/-0.000 χ^2/NDF: 11877009308993 6
Left Out: 655.329+/-0.000 χ^2/NDF:8036674160010598780318375042869100544.0/3
All: 750.329+/-0.000 χ^2/NDF: 20038341969 8
Right Out: 749.661+/-0.000 χ^2/NDF: 7797269183460570870614546125066915 0208.0/15
- sign 730.354+/-0.000 χ^2/NDF: 808775516772256
Left In: 679.850+/-0.000 χ^2/NDF:2005809881553195199400467556150018048.0/2

dit_usr_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1030.248+/-0.000 χ^2/NDF: 4962119382036 2

Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3

All: 1026.362+/-0.000 χ^2/NDF: 1354446527 7

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

- sign 1022.475+/-0.000 χ^2/NDF: 85795603264884

Left Out: 1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

dit_atl1_coil7_mean vs Slug

Right In: 4145.268+/-0.000 χ^2/NDF: 7636939983950646896379723819335076481597 44.0/14

Left Out: 9726.604+/-0.000 χ^2/NDF:2414228369055436829378537957993210917683 2.0/3

Right Out: 10948.073+/-0.000 χ^2/NDF: 8739496685103272015146014631153961910927 36.0/15

Left In: 19335.093+/-0.000 χ^2/NDF:1146105560175588238882587660918586343424 0.0/2

+ sign 5797.876+/-0.000 χ^2/NDF: 7938225031180 5

All: 9532.785+/-0.000 χ^2/NDF: 1717932472 6

- sign 13267.694+/-0.000 χ^2/NDF: 8983870085644

dit_atl1_coil7_err_mean vs Slug

Right In: 1062.141+/-0.000 χ^2/NDF: 952806231926530012715872184655778152448.0/14

+ sign 931.073+/-0.000 χ^2/NDF: 999316627617046

Left Out: 619.489+/-0.000 χ^2/NDF:885726652223606966752010633127919616 0.0/3

All: 1245.550+/-0.000 χ^2/NDF: 69703238087

Right Out: 1887.077+/-0.000 χ^2/NDF: 552587271836384562036602938756905828 3520.0/15

- sign 1560.027+/-0.000 χ^2/NDF: 57886434242273

Left In: 704.567+/-0.000 χ^2/NDF:481533161690587643351070497874903040 0.0/2

dit_atl1_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1030.248+/-0.000 χ^2/NDF: 4962119382036 2

Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3

All: 1026.362+/-0.000 χ^2/NDF: 1354446527 7

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

- sign 1022.475+/-0.000 χ^2/NDF: 8579560326488 4

Left Out: 1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

dit_atl2_coil7_mean vs Slug

Right In: 80102.504+/-0.000 χ^2/NDF: 2545217840972586547236075226317424657694 72.0/14

Left Out: 86093.406+/-0.000 χ^2/NDF:69613032228982255988438841960864887603 2000.0/3

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

+ sign 81876.383+/-0.000 χ^2/NDF: 9575491156185

All: 88515.406+/-0.000 χ^2/NDF: 2054220435

- sign 95154.428+/-0.000 χ^2/NDF: 1015394028949

dit_atl2_coil7_err_mean vs Slug

Right In: 2662.183+/-0.000 χ^2/NDF: 10313892301656401578644397055833674874 88.0/14

+ sign 2650.284+/-0.000 χ^2/NDF: 14646324264213

Left Out: 2621.997+/-0.000 χ^2/NDF:43293286652814647745699972361691437 4656.0/3

All: 2701.371+/-0.000 χ^2/NDF: 3135395282 8

Right Out: 2624.696+/-0.000 χ^2/NDF: 15667052168665347135909348356604066 52928.0/15

- sign 2752.458+/-0.000 χ^2/NDF: 16659502591149

Left In: 3086.643+/-0.000 χ^2/NDF:59879180002089642709418111730448334848.0/2

dit_atl2_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1030.248+/-0.000 χ^2/NDF: 4962119382036 2

Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3

All: 1026.362+/-0.000 χ^2/NDF: 1354446527 7

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

- sign 1022.475+/-0.000 χ^2/NDF: 85795603264884

Left Out: 1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

dit_atr1_coil7_mean vs Slug

Right In: 3390.550+/-0.000 χ^2/NDF: 658719274415532567241791945562801737564 16.0/14
+ sign 6316.209+/-0.000 χ^2/NDF: 8925396137528 0
Left Out: 13271.348+/-0.000 χ^2/NDF:46208424863499045887053421507114245816 32.0/3
All: 6479.803+/-0.000 χ^2/NDF: 2616597096 3
Right Out: 3167.396+/-0.000 χ^2/NDF: 137753886677241144460462531881687568089088.0/15
- sign 6643.397+/-0.000 χ^2/NDF: 17235639747377
Left In: 15735.525+/-0.000 χ^2/NDF:5463394880244639283777058351880272347136.0/2

dit_atr1_coil7_err_mean vs Slug

Right In: 893.683+/-0.000 χ^2/NDF: 3345836190786310089324042282273593098 24.0/14
+ sign 831.312+/-0.000 χ^2/NDF: 351095263756215
Left Out: 683.039+/-0.000 χ^2/NDF:7985056793554891495760411111039434752.0/3
All: 963.199+/-0.000 χ^2/NDF: 34060912090
Right Out: 1239.298+/-0.000 χ^2/NDF: 297099085948648399040810891893756500 3776.0/15
- sign 1095.086+/-0.000 χ^2/NDF: 30229211125908
Left In: 717.871+/-0.000 χ^2/NDF:1774370087086829203611994102993780736.0/2

dit_atr1_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1030.248+/-0.000 χ^2/NDF: 4962119382036 2

Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3

All: 1026.362+/-0.000 χ^2/NDF: 1354446527 7

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

- sign 1022.475+/-0.000 χ^2/NDF: 8579560326488 4

Left Out: 1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

dit_atr2_coil7_mean vs Slug

Right In: 121016.482+/-0.000 χ^2/NDF: 3587138564043035549877849759836096681738 24.0/14
+ sign 115038.562+/-0.000 χ^2/NDF: 53993342840 9
Left Out: 100827.316+/-0.000 χ^2/NDF:102892269965422467105383671872969190146048.0/3
All: 117371.514+/-0.000 χ^2/NDF: 14196823 7
Right Out: 120060.693+/-0.000 χ^2/NDF: 828419782346707601448620310014135952736256.0/15
- sign 119704.465+/-0.000 χ^2/NDF: 869712670421
Left In: 118772.684+/-0.000 χ^2/NDF:409868517743939731785055781223781692866 56.0/2

dit_atr2_coil7_err_mean vs Slug

Right In: 3329.488+/-0.000 χ^2/NDF: 567034774398456376227526824513721335808.0/14

+ sign 3176.482+/-0.000 χ^2/NDF: 8258939103961

Left Out: 2812.743+/-0.000 χ^2/NDF:2075460646805960965523439311735121510 40.0/3

All: 3471.154+/-0.000 χ^2/NDF: 1492375067

Right Out: 4173.434+/-0.000 χ^2/NDF: 1349824655153799240009500315468246810 6240.0/15

- sign 3765.825+/-0.000 χ^2/NDF: 13937739726864

Left In: 2699.649+/-0.000 χ^2/NDF:388081834378838888224739497535697059 84.0/2

dit_atr2_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1030.248+/-0.000 χ^2/NDF: 4962119382036 2

Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3

All: 1026.362+/-0.000 χ^2/NDF: 1354446527 7

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

- sign 1022.475+/-0.000 χ^2/NDF: 8579560326488 4

Left Out: 1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

dit_sam1_coil7_mean vs Slug

Right In: -1268.061+/-0.000 χ^2/NDF: 109228076028883385607047049080064704512 0.0/14

+ sign -890.085+/-0.000 χ^2/NDF: 14147503828381

Left Out: 8.471+/-0.000 χ^2/NDF:93290946443747318234305166633462661 12.0/3

All: -934.890+/-0.000 χ^2/NDF: 2790251763 1

Right Out: -1314.767+/-0.000 χ^2/NDF: 109847131386407901371460937965326093516 8.0/15

- sign -979.695+/-0.000 χ^2/NDF: 13717996332383 3

Left In: -103.250+/-0.000 χ^2/NDF:25619191471509508970893496779475517 44.0/2

dit_sam1_coil7_err_mean vs Slug

Right In: 202.191+/-0.000 χ^2/NDF: 702794105275284906636904065061512806 4.0/14

Left Out: 81.320+/-0.000 χ^2/NDF:5619813448167565239502153064015462 4.0/3

Right Out: 187.126+/-0.000 χ^2/NDF: 6230029491605524746936515809941389312.0/15

Left In: 116.303+/-0.000 χ^2/NDF:9835418252432415186239111987357286 4.0/2

+ sign 166.402+/-0.000 χ^2/NDF: 98916150200436 1

All: 166.970+/-0.000 χ^2/NDF: 17145884061 4

- sign 167.538+/-0.000 χ^2/NDF: 725367346195442

dit_sam1_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1030.248+/-0.000 χ^2/NDF: 4962119382036 2

Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3

All: 1026.362+/-0.000 χ^2/NDF: 1354446527 7

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

- sign 1022.475+/-0.000 χ^2/NDF: 8579560326488 4

Left Out: 1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

dit_sam2_coil7_mean vs Slug

Right In: -32594.962+/-0.000 χ^2/NDF: 2091503692070005644897245290209225201418 24.0/14
+ sign -23660.238+/-0.000 χ^2/NDF: 384202091409
Left Out: -2419.815+/-0.000 χ^2/NDF:7704792083239981880871448235409512857 6.0/3
All: -24934.224+/-0.000 χ^2/NDF: 788515118
Right Out: -34848.046+/-0.000 χ^2/NDF: 2211277020248117192325594340973249675919 36.0/15
- sign -26208.210+/-0.000 χ^2/NDF: 401320141972 0
Left In: -3609.110+/-0.000 χ^2/NDF:1696254215126283131401398654341637734 40.0/2

dit_sam2_coil7_err_mean vs Slug

Right In: 1958.835+/-0.000 χ^2/NDF: 1189322999631358431600643692981190131712.0/14

+ sign 1765.014+/-0.000 χ^2/NDF: 12879157916742

Left Out: 1304.247+/-0.000 χ^2/NDF:1625258323993665924230922753787140505 6.0/3

All: 1726.206+/-0.000 χ^2/NDF: 2275143265 2

Right Out: 1797.392+/-0.000 χ^2/NDF: 9550966238799581956571950746142402150 40.0/15

- sign 1687.399+/-0.000 χ^2/NDF: 98445032589159

Left In: 1399.691+/-0.000 χ^2/NDF:1761244655663875123009123808004014 08.0/2

dit_sam2_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1030.248+/-0.000 χ^2/NDF: 4962119382036 2

Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3

All: 1026.362+/-0.000 χ^2/NDF: 1354446527 7

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

- sign 1022.475+/-0.000 χ^2/NDF: 8579560326488 4

Left In: 1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

dit_sam3_coil7_mean vs Slug

Right In: -18068.550+/-0.000 χ^2/NDF: 8431215644353355341776093349775376016998 4.0/14

+ sign -13507.089+/-0.000 χ^2/NDF: 129925401176

Left Out: -2663.175+/-0.000 χ^2/NDF:735270131748316463290527666605444300 8.0/3

All: -13604.237+/-0.000 χ^2/NDF: 250656733

Right Out: -17888.149+/-0.000 χ^2/NDF: 784059156129142528698752310687953930158 08.0/15

- sign -13701.386+/-0.000 χ^2/NDF: 120713929276 5

Left In: -2750.126+/-0.000 χ^2/NDF:340106249151836765000632895982083768 32.0/2

dit_sam3_coil7_err_mean vs Slug

Right In: 958.411+/-0.000 χ^2/NDF: 2647331050585228222781371970707395706 88.0/14
+ sign 970.863+/-0.000 χ^2/NDF: 27465166383202 7
Left Out: 1000.467+/-0.000 χ^2/NDF:9578666900922242118254882877465427968.0/3
All: 933.802+/-0.000 χ^2/NDF: 4959253297 83
Right Out: 867.538+/-0.000 χ^2/NDF: 2161298515451667141222523176044881 51040.0/15
- sign 896.742+/-0.000 χ^2/NDF: 218740921184458
Left In: 973.130+/-0.000 χ^2/NDF:5542182305326852192181521160360427 52.0/2

dit_sam3_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1030.248+/-0.000 χ^2/NDF: 4962119382036 2

Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3

All: 1026.362+/-0.000 χ^2/NDF: 1354446527 7

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

- sign 1022.475+/-0.000 χ^2/NDF: 85795603264884

Left Out: 1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

dit_sam4_coil7_mean vs Slug

Right In: -28868.624+/-0.000 χ^2/NDF: 261450701095727362961367657926584124309504.0/14
+ sign -22045.308+/-0.000 χ^2/NDF: 363501849809
Left Out: -5824.311+/-0.000 χ^2/NDF:3274231708799227813583623667377504256.0/3
All: -21772.923+/-0.000 χ^2/NDF: 701819511
Right Out: -27610.848+/-0.000 χ^2/NDF: 248097983477523504935751571384400118546432.0/15
- sign -21500.537+/-0.000 χ^2/NDF: 3381808489466
Left In: -5517.882+/-0.000 χ^2/NDF:4127813885405818965540629103178573414 4.0/2

dit_sam4_coil7_err_mean vs Slug

Right In: 1353.413+/-0.000 χ^2/NDF: 3528879667027707133738618398805537587 20.0/14

+ sign 1460.970+/-0.000 χ^2/NDF: 4049997581278 9

Left Out: 1716.663+/-0.000 χ^2/NDF:267553302217600402888714144794961510 40.0/3

All: 1418.852+/-0.000 χ^2/NDF: 7367841317 4

Right Out: 1230.633+/-0.000 χ^2/NDF: 2769894541291500056568727445399037542 40.0/15

- sign 1376.734+/-0.000 χ^2/NDF: 3285132420465 6

Left In: 1758.888+/-0.000 χ^2/NDF:4568864166789374582295148050461491 2.0/2

dit_sam4_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1030.248+/-0.000 χ^2/NDF: 4962119382036 2

Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3

All: 1026.362+/-0.000 χ^2/NDF: 1354446527 7

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

- sign 1022.475+/-0.000 χ^2/NDF: 8579560326488 4

Left In: 1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

dit_sam5_coil7_mean vs Slug

Right In: -1314.782+/-0.000 χ^2/NDF: 966082368518203481544021644405645508608.0/14
+ sign -1300.081+/-0.000 χ^2/NDF: 9739969930032
Left Out: -1265.134+/-0.000 χ^2/NDF:7440958981570696337970301223374422016.0/3
All: -1158.730+/-0.000 χ^2/NDF: 2191352949
Right Out: -1056.765+/-0.000 χ^2/NDF: 1127141594187417021949832477353286041600.0/15
- sign -1017.379+/-0.000 χ^2/NDF: 1180512533119
Left In: -914.357+/-0.000 χ^2/NDF:4962977662456197583597510684698266828 8.0/2

dit_sam5_coil7_err_mean vs Slug

Right In: 270.538+/-0.000 χ^2/NDF: 2473839905347950323907848405170257920.0/14

Left Out: 260.500+/-0.000 χ^2/NDF:905340145741554246727262482680774656.0/3

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

+ sign 267.566+/-0.000 χ^2/NDF: 339854146187381

All: 258.403+/-0.000 χ^2/NDF: 730597068163

- sign 249.241+/-0.000 χ^2/NDF: 375262151109193

dit_sam5_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1030.248+/-0.000 χ^2/NDF: 4962119382036 2

Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3

All: 1026.362+/-0.000 χ^2/NDF: 1354446527 7

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

- sign 1022.475+/-0.000 χ^2/NDF: 85795603264884

Left Out: 1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

dit_sam6_coil7_mean vs Slug

Right In: 6163.445+/-0.000 χ^2/NDF: 1820062254902677050474630013900985414451 2.0/14

+ sign 4392.309+/-0.000 χ^2/NDF: 2508763652310 3

Left Out: 181.808+/-0.000 χ^2/NDF:1131941411420920696807540270636728320 0.0/3

All: 4469.144+/-0.000 χ^2/NDF: 4760731148 3

Right Out: 5983.876+/-0.000 χ^2/NDF: 1750520191327627355916108876415584174080 0.0/15

- sign 4545.979+/-0.000 χ^2/NDF: 2250878877236 1

Left In: 784.890+/-0.000 χ^2/NDF:1735609419958332666857197776946384076 8.0/2

dit_sam6_coil7_err_mean vs Slug

Right In: 363.133+/-0.000 χ^2/NDF: 115027916970764564264359982779953315 84.0/14

Left Out: 383.440+/-0.000 χ^2/NDF:154386815929920587092986479925998387 2.0/3

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

+ sign 369.146+/-0.000 χ^2/NDF: 13125904887353 9

All: 360.663+/-0.000 χ^2/NDF: 2952482698 47

- sign 352.179+/-0.000 χ^2/NDF: 16266213086091 8

dit_sam6_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1030.248+/-0.000 χ^2/NDF: 4962119382036 2

Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3

All: 1026.362+/-0.000 χ^2/NDF: 1354446527 7

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

- sign 1022.475+/-0.000 χ^2/NDF: 85795603264884

Left Out: 1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

dit_sam7_coil7_mean vs Slug

Right In: -4242.174+/-0.000 χ^2/NDF: 6783472272174151371145601081742110752768.0/14
+ sign -3219.524+/-0.000 χ^2/NDF: 9079122038133
Left Out: -788.389+/-0.000 χ^2/NDF:337200907739646100008978592634922598 4.0/3
All: -3267.649+/-0.000 χ^2/NDF: 1778729288
Right Out: -4230.978+/-0.000 χ^2/NDF: 668240952810301675220434357374093046 5792.0/15
- sign -3315.775+/-0.000 χ^2/NDF: 8703900086172 0
Left In: -921.889+/-0.000 χ^2/NDF:1487421923738875059904307995462336512.0/2

dit_sam7_coil7_err_mean vs Slug

Right In: 287.460+/-0.000 χ^2/NDF: 29517044144826155936619151581366976512.0/14

+ sign 284.423+/-0.000 χ^2/NDF: 303713788692772

Left Out: 277.204+/-0.000 χ^2/NDF:834123516076476753668580269667385344.0/3

All: 279.694+/-0.000 χ^2/NDF: 56514843117

Right Out: 265.593+/-0.000 χ^2/NDF: 25843263106329059274985499259066908672.0/15

- sign 274.965+/-0.000 χ^2/NDF: 261022260228146

Left In: 299.480+/-0.000 χ^2/NDF:47124722844183066355060593810997248.0/2

dit_sam7_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1030.248+/-0.000 χ^2/NDF: 4962119382036 2

Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3

All: 1026.362+/-0.000 χ^2/NDF: 1354446527 7

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

- sign 1022.475+/-0.000 χ^2/NDF: 8579560326488 4

Left Out: 1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

dit_sam8_coil7_mean vs Slug

Right In: -3335.273+/-0.000 χ^2/NDF: 633808725158963752903007551715242357555 2.0/14
+ sign -2555.943+/-0.000 χ^2/NDF: 7677613802567
Left Out: -703.250+/-0.000 χ^2/NDF:828907722649880920244515890393199411 2.0/3
All: -2476.503+/-0.000 χ^2/NDF: 1573450161
Right Out: -3027.603+/-0.000 χ^2/NDF: 7086157086694396583090903767581326311424.0/15
- sign -2397.064+/-0.000 χ^2/NDF: 8045251017081 6
Left In: -747.771+/-0.000 χ^2/NDF:2659094285971739534309694001601576 96.0/2

dit_sam8_coil7_err_mean vs Slug

Right In: 189.442+/-0.000 χ^2/NDF: 4707234253929700721726064108794544128.0/14

Left Out: 238.744+/-0.000 χ^2/NDF:9012408085627230705587776795631943 68.0/3

Right Out: 172.485+/-0.000 χ^2/NDF: 5594813408996728261938711470404534272.0/15

Left In: 266.874+/-0.000 χ^2/NDF:6012671461594586572333260614087 4752.0/2

+ sign 204.040+/-0.000 χ^2/NDF: 607558636148272

All: 201.315+/-0.000 χ^2/NDF: 13387768264

- sign 198.590+/-0.000 χ^2/NDF: 729849104547102

dit_sam8_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1030.248+/-0.000 χ^2/NDF: 4962119382036 2

Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3

All: 1026.362+/-0.000 χ^2/NDF: 1354446527 7

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

- sign 1022.475+/-0.000 χ^2/NDF: 85795603264884

Left Out: 1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

dit_4aX_coil4_mean vs Slug

Right In: 0.411+/-0.000 χ^2/NDF: 338557350625556317005308982040985 6.0/14

+ sign 0.338+/-0.000 χ^2/NDF: 3466821771937579 7

Left Out: 0.165+/-0.000 χ^2/NDF:69568702239209849773727816876032.0/3

All: 0.645+/-0.000 χ^2/NDF: 4847237911758 5

Right Out: 1.008+/-0.000 χ^2/NDF: 112840222814409639449804741070028 8.0/15

- sign 0.952+/-0.000 χ^2/NDF: 12069412268596540

Left In: 0.805+/-0.000 χ^2/NDF:709222353553439283620392783052 80.0/2

dit_4aX_coil4_err_mean vs Slug

Right In: 4.495+/-0.000 χ^2/NDF: 27422400724410975315007287915970 56.0/14

+ sign 5.053+/-0.000 χ^2/NDF: 3756005757390574 8

Left Out: 6.378+/-0.000 χ^2/NDF:3326514368458747965710380690309 12.0/3

All: 4.934+/-0.000 χ^2/NDF: 6475657948996 0

Right Out: 4.296+/-0.000 χ^2/NDF: 2011925707062051890381007475441664.0/15

- sign 4.815+/-0.000 χ^2/NDF: 2693548215547590 3

Left In: 6.172+/-0.000 χ^2/NDF:3179999171484423943458753662 1568.0/2

dit_4aX_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1057.337+/-0.000 χ^2/NDF: 51658283754716
Left Out: 939.150+/-0.000 χ^2/NDF:560707293166644608960696033032011776 0.0/3
All: 1058.790+/-0.000 χ^2/NDF: 1351342197
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1060.242+/-0.000 χ^2/NDF: 83472046824869
Left In: 1175.686+/-0.000 χ^2/NDF:620661977160900387929263860674776268 8.0/2

dit_4eX_coil4_mean vs Slug

Right In: 3.802+/-0.000 χ^2/NDF: 37954760743983389305647006576803 84.0/14

+ sign 3.605+/-0.000 χ^2/NDF: 4005669346641997 6

Left Out: 3.136+/-0.000 χ^2/NDF:1248540639436826391443458941255 68.0/3

All: 3.912+/-0.000 χ^2/NDF: 6335403636178 5

Right Out: 4.206+/-0.000 χ^2/NDF: 2096427813341454573332265183477760.0/15

- sign 4.219+/-0.000 χ^2/NDF: 2155687733720358 1

Left In: 4.254+/-0.000 χ^2/NDF:5882730164861603304210866110464 0.0/2

dit_4eX_coil4_err_mean vs Slug

Right In: 4.136+/-0.000 χ^2/NDF: 3507600624388663919898505496231936.0/14

+ sign 4.643+/-0.000 χ^2/NDF: 43547501801372193

Left Out: 5.847+/-0.000 χ^2/NDF:2847707277006764697186869402664 96.0/3

All: 4.530+/-0.000 χ^2/NDF: 7602217294193

Right Out: 3.948+/-0.000 χ^2/NDF: 267017678394230202834555110005 1456.0/15

- sign 4.417+/-0.000 χ^2/NDF: 32238894020316534

Left In: 5.642+/-0.000 χ^2/NDF:246516890991984330592896753336 32.0/2

dit_4eX_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1057.337+/-0.000 χ^2/NDF: 51658283754716
Left Out: 939.150+/-0.000 χ^2/NDF:560707293166644608960696033032011776 0.0/3
All: 1058.790+/-0.000 χ^2/NDF: 1351342197
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1060.242+/-0.000 χ^2/NDF: 83472046824869
Left In: 1175.686+/-0.000 χ^2/NDF:620661977160900387929263860674776268 8.0/2

dit_11X12X_coil4_mean vs Slug

Right In: -0.360+/-0.000 χ^2/NDF: 2180256348790896849346212178952192.0/14

+ sign -0.330+/-0.000 χ^2/NDF: 2384736982563039

Left Out: -0.257+/-0.000 χ^2/NDF:2024205702156386342546365113958 40.0/3

All: -0.497+/-0.000 χ^2/NDF: 3067180211578

Right Out: -0.790+/-0.000 χ^2/NDF: 4630783690733439598034229038940 16.0/15

- sign -0.665+/-0.000 χ^2/NDF: 6306531528156186 5

Left In: -0.338+/-0.000 χ^2/NDF:1299910664900296236219244572835 84.0/2

dit_11X12X_coil4_err_mean vs Slug

Right In: 6.079+/-0.000 χ^2/NDF: 1590295171022705157509900448825344.0/14

+ sign 6.413+/-0.000 χ^2/NDF: 2690317996149946

Left Out: 7.205+/-0.000 χ^2/NDF:8565398316132800738364094792335 36.0/3

All: 6.363+/-0.000 χ^2/NDF: 4689341178089

Right Out: 6.245+/-0.000 χ^2/NDF: 1816529163105006938510976985595904.0/15

- sign 6.314+/-0.000 χ^2/NDF: 19945113673754268

Left In: 6.493+/-0.000 χ^2/NDF:1666939400842536238983131231682 56.0/2

dit_11X12X_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1057.337+/-0.000 χ^2/NDF: 51658283754716
Left Out: 939.150+/-0.000 χ^2/NDF:560707293166644608960696033032011776 0.0/3
All: 1058.790+/-0.000 χ^2/NDF: 1351342197
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1060.242+/-0.000 χ^2/NDF: 83472046824869
Left In: 1175.686+/-0.000 χ^2/NDF:620661977160900387929263860674776268 8.0/2

dit_4aY_coil4_mean vs Slug

Right In: 192.771+/-0.000 χ^2/NDF: 1640576279746948433391816936236515328.0/14

+ sign 180.399+/-0.000 χ^2/NDF: 21496448157382

Left Out: 150.989+/-0.000 χ^2/NDF:1735957426512170621421863618362736 64.0/3

All: 182.596+/-0.000 χ^2/NDF: 41463808947

Right Out: 188.612+/-0.000 χ^2/NDF: 192234225728767456334420473001961062 4.0/15

- sign 184.792+/-0.000 χ^2/NDF: 198783972832802

Left In: 174.802+/-0.000 χ^2/NDF:3031730920042006423505035671791206 4.0/2

dit_4aY_coil4_err_mean vs Slug

Right In: 1.677+/-0.000 χ^2/NDF: 2418799240447885932927915592253 44.0/14

+ sign 1.505+/-0.000 χ^2/NDF: 3150473019448921 4

Left Out: 1.093+/-0.000 χ^2/NDF:7614645253899258187712663912448.0/3

All: 1.498+/-0.000 χ^2/NDF: 5897944814909 0

Right Out: 1.555+/-0.000 χ^2/NDF: 2556459514338902968276771951083 52.0/15

- sign 1.491+/-0.000 χ^2/NDF: 2746571958320941 9

Left In: 1.322+/-0.000 χ^2/NDF:8996455865119985815829828599808.0/2

dit_4aY_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1057.337+/-0.000 χ^2/NDF: 51658283754716
Left Out: 939.150+/-0.000 χ^2/NDF:560707293166644608960696033032011776 0.0/3
All: 1058.790+/-0.000 χ^2/NDF: 1351342197
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1060.242+/-0.000 χ^2/NDF: 83472046824869
Left In: 1175.686+/-0.000 χ^2/NDF:620661977160900387929263860674776268 8.0/2

dit_4eY_coil4_mean vs Slug

Right In: 195.940+/-0.000 χ^2/NDF: 1057891079869089572370479093183938560.0/14

Left Out: 157.226+/-0.000 χ^2/NDF:2369671164886400672427399158463201 28.0/3

Right Out: 190.268+/-0.000 χ^2/NDF: 1468473073667973330267084234323656704.0/15

Left In: 184.460+/-0.000 χ^2/NDF:3640686994859993068859305735330201 6.0/2

+ sign 184.477+/-0.000 χ^2/NDF: 158287578003146

All: 186.569+/-0.000 χ^2/NDF: 31020491037 6

- sign 188.661+/-0.000 χ^2/NDF: 151110240669675

dit_4eY_coil4_err_mean vs Slug

Right In: 1.569+/-0.000 χ^2/NDF: 16284919566812338078961054095769 6.0/14

Left Out: 1.173+/-0.000 χ^2/NDF:1203296738337717020681920996966 4.0/3

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

+ sign 1.452+/-0.000 χ^2/NDF: 2049622556932754 6

All: 1.445+/-0.000 χ^2/NDF: 4078980722441 6

- sign 1.438+/-0.000 χ^2/NDF: 2028503413136230 7

dit_4eY_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1057.337+/-0.000 χ^2/NDF: 51658283754716
Left Out: 939.150+/-0.000 χ^2/NDF:560707293166644608960696033032011776 0.0/3
All: 1058.790+/-0.000 χ^2/NDF: 1351342197
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1060.242+/-0.000 χ^2/NDF: 83472046824869
Left In: 1175.686+/-0.000 χ^2/NDF:620661977160900387929263860674776268 8.0/2

dit_usl_coil4_mean vs Slug

Right In: 4256.386+/-0.000 χ^2/NDF: 4986054125516248596724549541595761868 80.0/14
+ sign 4315.127+/-0.000 χ^2/NDF: 9353757490855 3
Left Out: 4500.190+/-0.000 χ^2/NDF:4274758721010994874337084523239020953 60.0/2
All: 4680.678+/-0.000 χ^2/NDF: 5085909887 2
Right Out: 4667.832+/-0.000 χ^2/NDF: 3201925535782807450320951772159309512704.0/15
- sign 5019.664+/-0.000 χ^2/NDF: 39303341138550
Left In: 5939.948+/-0.000 χ^2/NDF:4298778069164697745142077276275888619 52.0/2

dit_usl_coil4_err_mean vs Slug

Right In: 325.732+/-0.000 χ^2/NDF: 1463335956794024412389724276985430016 0.0/14

+ sign 367.285+/-0.000 χ^2/NDF: 2316984481958 99

Left Out: 498.198+/-0.000 χ^2/NDF:388542075087142765608419685208739 0208.0/2

All: 390.666+/-0.000 χ^2/NDF: 6235051690 84

Right Out: 366.682+/-0.000 χ^2/NDF: 3209725069994795640911744011539893 4528.0/15

- sign 412.348+/-0.000 χ^2/NDF: 382798417215471

Left In: 531.794+/-0.000 χ^2/NDF:1153478679390820503376279511647649792.0/2

dit_usl_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1063.468+/-0.000 χ^2/NDF: 51216084792341
Left Out: 926.155+/-0.000 χ^2/NDF:546533138695852568197173283359241 0112.0/2
All: 1061.794+/-0.000 χ^2/NDF: 1346927483
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501 71136.0/15
- sign 1060.242+/-0.000 χ^2/NDF: 83472046824869
Left In: 1175.686+/-0.000 χ^2/NDF:620661977160900387929263860674776 2688.0/2

dit_usr_coil4_mean vs Slug

Right In: 4070.444+/-0.000 χ^2/NDF: 3432818752826957399563831562952475934 72.0/14
+ sign 4055.401+/-0.000 χ^2/NDF: 6030346647593 6
Left Out: 4019.640+/-0.000 χ^2/NDF:2592568011677664995919790476661704622 08.0/3
All: 4125.009+/-0.000 χ^2/NDF: 1204182480 9
Right Out: 3968.723+/-0.000 χ^2/NDF: 3599558803261947844673533694925948846 08.0/15
- sign 4194.618+/-0.000 χ^2/NDF: 5922129812537 6
Left In: 4785.489+/-0.000 χ^2/NDF:1091931740569315006980194400442819543 04.0/2

dit_usr_coil4_err_mean vs Slug

Right In: 477.186+/-0.000 χ^2/NDF: 204557199317583799788926051849747824 64.0/14

Left Out: 523.755+/-0.000 χ^2/NDF:411128880399089406747399821464489 1648.0/3

Right Out: 463.513+/-0.000 χ^2/NDF: 125567779310699033700318323881845719 04.0/15

Left In: 503.048+/-0.000 χ^2/NDF:790774209413394400607287288111562752.0/2

+ sign 490.975+/-0.000 χ^2/NDF: 249837419387493

All: 482.711+/-0.000 χ^2/NDF: 38745572969

- sign 474.447+/-0.000 χ^2/NDF: 136358961889255

dit_usr_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1057.337+/-0.000 χ^2/NDF: 51658283754716
Left Out: 939.150+/-0.000 χ^2/NDF:560707293166644608960696033032011776 0.0/3
All: 1058.790+/-0.000 χ^2/NDF: 1351342197
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1060.242+/-0.000 χ^2/NDF: 83472046824869
Left In: 1175.686+/-0.000 χ^2/NDF:620661977160900387929263860674776268 8.0/2

dit_atl1_coil4_mean vs Slug

Right In: -3896.522+/-0.000 χ^2/NDF: 396185985164810204482484406700129847869 44.0/14
+ sign -2673.641+/-0.000 χ^2/NDF: 4300666073491
Left Out: 233.503+/-0.000 χ^2/NDF:110267501983986472792132507117580976128.0/3
All: -2184.903+/-0.000 χ^2/NDF: 8694223669
Right Out: -2695.992+/-0.000 χ^2/NDF: 408224630714623521242120583865917295820 80.0/15
- sign -1696.165+/-0.000 χ^2/NDF: 43495109427482
Left In: 919.070+/-0.000 χ^2/NDF:261816880347700428415294404360457420800.0/2

dit_atl1_coil4_err_mean vs Slug

Right In: 574.055+/-0.000 χ^2/NDF: 15210522988916042301849370958239052595 2.0/14
+ sign 549.657+/-0.000 χ^2/NDF: 15855122106003 0
Left Out: 491.653+/-0.000 χ^2/NDF:5141159459776657785868254059876581376.0/3
All: 768.014+/-0.000 χ^2/NDF: 23272926559 2
Right Out: 1163.697+/-0.000 χ^2/NDF: 2003194396475465337190154787515183136768.0/15
- sign 986.371+/-0.000 χ^2/NDF: 208081956161978
Left In: 522.544+/-0.000 χ^2/NDF:17922681625195354987412582733877084 16.0/2

dit_atl1_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1057.337+/-0.000 χ^2/NDF: 51658283754716
Left Out: 939.150+/-0.000 χ^2/NDF:560707293166644608960696033032011776 0.0/3
All: 1058.790+/-0.000 χ^2/NDF: 1351342197
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1060.242+/-0.000 χ^2/NDF: 83472046824869
Left In: 1175.686+/-0.000 χ^2/NDF:620661977160900387929263860674776268 8.0/2

dit_atl2_coil4_mean vs Slug

Right In: 24608.761+/-0.000 χ^2/NDF: 1755560042714070178763675908416726892544 0.0/14

+ sign 23902.789+/-0.000 χ^2/NDF: 6835802887657

Left Out: 22224.489+/-0.000 χ^2/NDF:4971001283441157248056665482577117918003 2.0/3

All: 25529.683+/-0.000 χ^2/NDF: 1319134761

Right Out: 23673.937+/-0.000 χ^2/NDF: 2482422934482756731362487167729534186291 2.0/15

- sign 27156.577+/-0.000 χ^2/NDF: 5867477580683

Left In: 36266.072+/-0.000 χ^2/NDF:4600009610487101673904058810430033756160.0/2

dit_atl2_coil4_err_mean vs Slug

Right In: 1471.095+/-0.000 χ^2/NDF: 139174979420467841073894167956452016128.0/14

+ sign 1598.767+/-0.000 χ^2/NDF: 3421885199909

Left Out: 1902.282+/-0.000 χ^2/NDF:167285626624842993773234689208519491584.0/3

All: 1666.461+/-0.000 χ^2/NDF: 7564971365

Right Out: 1508.451+/-0.000 χ^2/NDF: 250085163770425050605763446985715613696.0/15

- sign 1734.154+/-0.000 χ^2/NDF: 40585861331596

Left In: 2324.525+/-0.000 χ^2/NDF:329179301735790156878413516548121559 04.0/2

dit_atl2_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1057.337+/-0.000 χ^2/NDF: 51658283754716
Left Out: 939.150+/-0.000 χ^2/NDF:560707293166644608960696033032011776 0.0/3
All: 1058.790+/-0.000 χ^2/NDF: 1351342197
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1060.242+/-0.000 χ^2/NDF: 83472046824869
Left In: 1175.686+/-0.000 χ^2/NDF:620661977160900387929263860674776268 8.0/2

dit_atr1_coil4_mean vs Slug

Right In: -1374.510+/-0.000 χ^2/NDF: 3072775774026573120755024580495322120192.0/14
+ sign -1024.504+/-0.000 χ^2/NDF: 3413775430727
Left Out: -192.438+/-0.000 χ^2/NDF:724873686614777377381233279909274583 04.0/3
All: -972.883+/-0.000 χ^2/NDF: 1488696882 4
Right Out: -1227.879+/-0.000 χ^2/NDF: 111153129999266233964664502184486224527 36.0/15
- sign -921.263+/-0.000 χ^2/NDF: 114682797079876
Left In: -119.249+/-0.000 χ^2/NDF:1262371329551366769756782963149934428 16.0/2

dit_atr1_coil4_err_mean vs Slug

Right In: 507.809+/-0.000 χ^2/NDF: 641399279684440545968596134682207191 04.0/14

Left Out: 522.757+/-0.000 χ^2/NDF:413797680194135069011602654757493145 6.0/3

Right Out: 577.250+/-0.000 χ^2/NDF: 241288780642623391683958641535574081536.0/15

Left In: 531.794+/-0.000 χ^2/NDF:532755892311196746098491442927239168.0/2

+ sign 512.235+/-0.000 χ^2/NDF: 683208421586906

All: 538.457+/-0.000 χ^2/NDF: 31179143563

- sign 564.678+/-0.000 χ^2/NDF: 242202707256120

dit_atr1_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1057.337+/-0.000 χ^2/NDF: 51658283754716
Left Out: 939.150+/-0.000 χ^2/NDF:560707293166644608960696033032011776 0.0/3
All: 1058.790+/-0.000 χ^2/NDF: 1351342197
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1060.242+/-0.000 χ^2/NDF: 83472046824869
Left In: 1175.686+/-0.000 χ^2/NDF:620661977160900387929263860674776 2688.0/2

dit_atr2_coil4_mean vs Slug

Right In: 30277.649+/-0.000 χ^2/NDF: 309759746415241424530900225407605192785 92.0/14

+ sign 28981.002+/-0.000 χ^2/NDF: 4287621520741

Left Out: 25898.497+/-0.000 χ^2/NDF:821507922897715817729339788721649614848 0.0/3

All: 29158.203+/-0.000 χ^2/NDF: 9255752760

Right Out: 28896.318+/-0.000 χ^2/NDF: 469695040580103591462505602284097141473 28.0/15

- sign 29335.405+/-0.000 χ^2/NDF: 4962341022070

Left In: 30483.917+/-0.000 χ^2/NDF:218894512064516753870494224317647369 0112.0/2

dit_atr2_coil4_err_mean vs Slug

Right In: 1909.434+/-0.000 χ^2/NDF: 876369740942116715241776501658694451 20.0/14
+ sign 1956.108+/-0.000 χ^2/NDF: 1855560366150 0
Left Out: 2067.066+/-0.000 χ^2/NDF:93144148052591039965764245047383949312.0/3
All: 2153.206+/-0.000 χ^2/NDF: 3347650947 5
Right Out: 2473.977+/-0.000 χ^2/NDF: 303390802574641812173875328660038641 2544.0/15
- sign 2350.304+/-0.000 χ^2/NDF: 30904597800360
Left Out: 2067.066+/-0.000 χ^2/NDF:93144148052591039965764245047383949312.0/3
Left In: 2026.815+/-0.000 χ^2/NDF:196654571354495701600159977984910950 40.0/2

dit_atr2_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1057.337+/-0.000 χ^2/NDF: 51658283754716
Left Out: 939.150+/-0.000 χ^2/NDF:560707293166644608960696033032011776 0.0/3
All: 1058.790+/-0.000 χ^2/NDF: 1351342197
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1060.242+/-0.000 χ^2/NDF: 83472046824869
Left In: 1175.686+/-0.000 χ^2/NDF:620661977160900387929263860674776268 8.0/2

dit_sam1_coil4_mean vs Slug

Right In: -13233.367+/-0.000 χ^2/NDF: 4125704383621304336759686655949964050432 0.0/14
+ sign -11203.385+/-0.000 χ^2/NDF: 506075322762
Left Out: -6377.530+/-0.000 χ^2/NDF:3182106606685520688451240305458119966720.0/3
All: -11726.687+/-0.000 χ^2/NDF: 103604456
Right Out: -14060.103+/-0.000 χ^2/NDF: 4449059475428016176640555691571138684518 4.0/15
- sign -12249.990+/-0.000 χ^2/NDF: 5249195327461
Left In: -7515.300+/-0.000 χ^2/NDF:9951656691136601949855938434706282905 6.0/2

dit_sam1_coil4_err_mean vs Slug

Right In: 136.711+/-0.000 χ^2/NDF: 2687065030885227126291764267456659456.0/14

+ sign 115.471+/-0.000 χ^2/NDF: 370078835094689

Left Out: 64.979+/-0.000 χ^2/NDF:2494074717361694850003503337701376 0.0/3

All: 120.560+/-0.000 χ^2/NDF: 741755271552

Right Out: 138.179+/-0.000 χ^2/NDF: 323088335287863633464161356189846 7328.0/15

- sign 125.648+/-0.000 χ^2/NDF: 366901664732344

Left In: 92.871+/-0.000 χ^2/NDF:5944677705526050740305887861565030 4.0/2

dit_sam1_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1057.337+/-0.000 χ^2/NDF: 51658283754716
Left Out: 939.150+/-0.000 χ^2/NDF:560707293166644608960696033032011776 0.0/3
All: 1058.790+/-0.000 χ^2/NDF: 1351342197
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1060.242+/-0.000 χ^2/NDF: 83472046824869
Left In: 1175.686+/-0.000 χ^2/NDF:620661977160900387929263860674776268 8.0/2

dit_sam2_coil4_mean vs Slug

Right In: -50695.424+/-0.000 χ^2/NDF: 226613585253908576683077761132188355526656.0/14

+ sign -45161.642+/-0.000 χ^2/NDF: 303230677837

Left Out: -32006.240+/-0.000 χ^2/NDF:9496290077292994844335429284665499844608.0/3

All: -46336.212+/-0.000 χ^2/NDF: 632515498

Right Out: -51783.912+/-0.000 χ^2/NDF: 281789617729131996271154198472617478848512.0/15

- sign -47510.782+/-0.000 χ^2/NDF: 326740811098

Left In: -36333.615+/-0.000 χ^2/NDF:915103839794556259754935447715756113920.0/2

dit_sam2_coil4_err_mean vs Slug

Right In: 1154.331+/-0.000 χ^2/NDF: 2492704725634707032327379103946637312 00.0/14

+ sign 1139.561+/-0.000 χ^2/NDF: 2592087807148

Left Out: 1104.449+/-0.000 χ^2/NDF:9460166083818012993114935678946246656.0/3

All: 1117.609+/-0.000 χ^2/NDF: 4896655523

Right Out: 1121.934+/-0.000 χ^2/NDF: 2261593356395673381798116440027976171 52.0/15

- sign 1095.656+/-0.000 χ^2/NDF: 22956813691552

Left In: 1026.921+/-0.000 χ^2/NDF:1743471741926551701030867976442609664.0/2

dit_sam2_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1057.337+/-0.000 χ^2/NDF: 51658283754716
Left Out: 939.150+/-0.000 χ^2/NDF:560707293166644608960696033032011776 0.0/3
All: 1058.790+/-0.000 χ^2/NDF: 1351342197
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1060.242+/-0.000 χ^2/NDF: 83472046824869
Left In: 1175.686+/-0.000 χ^2/NDF:620661977160900387929263860674776268 8.0/2

dit_sam3_coil4_mean vs Slug

Right In: 3117.914+/-0.000 χ^2/NDF: 1552738593335565674554918493159210090496.0/14

Left Out: 3369.318+/-0.000 χ^2/NDF:1188435892605907464836020394150372311 04.0/3

Right Out: 2668.794+/-0.000 χ^2/NDF: 1136406286131098596000054422131257114624.0/15

Left In: 3915.131+/-0.000 χ^2/NDF:1960399147012175232666071995368918 2208.0/2

+ sign 3192.353+/-0.000 χ^2/NDF: 1683727835249 8

All: 3102.925+/-0.000 χ^2/NDF: 3141039062 9

- sign 3013.497+/-0.000 χ^2/NDF: 14425640705862

dit_sam3_coil4_err_mean vs Slug

Right In: 552.108+/-0.000 χ^2/NDF: 507390417411591198485239882360018698 24.0/14

+ sign 641.420+/-0.000 χ^2/NDF: 739943904289326

Left Out: 853.740+/-0.000 χ^2/NDF:577170264737507201094857124774674 4320.0/3

All: 603.872+/-0.000 χ^2/NDF: 12402056350 6

Right Out: 506.345+/-0.000 χ^2/NDF: 371816532973148835016591318060105728 00.0/15

- sign 566.325+/-0.000 χ^2/NDF: 474264454783940

Left In: 723.212+/-0.000 χ^2/NDF:156876174524060733645570954675984 7936.0/2

dit_sam3_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1057.337+/-0.000 χ^2/NDF: 51658283754716
Left Out: 939.150+/-0.000 χ^2/NDF:560707293166644608960696033032011776 0.0/3
All: 1058.790+/-0.000 χ^2/NDF: 1351342197
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1060.242+/-0.000 χ^2/NDF: 83472046824869
Left In: 1175.686+/-0.000 χ^2/NDF:620661977160900387929263860674776 2688.0/2

dit_sam4_coil4_mean vs Slug

Right In: 43039.927+/-0.000 χ^2/NDF: 4839705292256172265266678640755217950310 4.0/14

+ sign 42523.976+/-0.000 χ^2/NDF: 641117179067 9

Left Out: 41297.410+/-0.000 χ^2/NDF:1513117900953568197787186175683460071 4240.0/3

All: 41733.848+/-0.000 χ^2/NDF: 1259405081

Right Out: 39269.627+/-0.000 χ^2/NDF: 5187303651775766623754571660505158516 7360.0/15

- sign 40943.719+/-0.000 χ^2/NDF: 6067757621292

Left In: 45322.621+/-0.000 χ^2/NDF:2045646089524790626379327531005532700672.0/2

dit_sam4_coil4_err_mean vs Slug

Right In: 813.500+/-0.000 χ^2/NDF: 671209168165482376389487875183513436 16.0/14

+ sign 1014.451+/-0.000 χ^2/NDF: 1723926174494 2

Left Out: 1492.171+/-0.000 χ^2/NDF:1676134739406025215031987902475979980 8.0/3

All: 959.033+/-0.000 χ^2/NDF: 28956719537 2

Right Out: 741.911+/-0.000 χ^2/NDF: 4407413439721540923560474643267164569 6.0/15

- sign 903.614+/-0.000 χ^2/NDF: 111511202417028

Left In: 1326.578+/-0.000 χ^2/NDF:4377413943425353146203567931107835904.0/2

dit_sam4_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1057.337+/-0.000 χ^2/NDF: 51658283754716
Left Out: 939.150+/-0.000 χ^2/NDF:560707293166644608960696033032011776 0.0/3
All: 1058.790+/-0.000 χ^2/NDF: 1351342197
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1060.242+/-0.000 χ^2/NDF: 83472046824869
Left In: 1175.686+/-0.000 χ^2/NDF:620661977160900387929263860674776 2688.0/2

dit_sam5_coil4_mean vs Slug

Right In: 23411.506+/-0.000 χ^2/NDF: 284274574717803193528857465713157084282 88.0/14

Left Out: 25280.157+/-0.000 χ^2/NDF:555716908123817788917853408447146701619 2.0/3

Right Out: 20894.122+/-0.000 χ^2/NDF: 274089658045786491070029094099872183746 56.0/15

Left In: 28959.979+/-0.000 χ^2/NDF:775518303615976997452929979010179399680.0/2

+ sign 23964.805+/-0.000 χ^2/NDF: 3465564177026

All: 23544.861+/-0.000 χ^2/NDF: 7516683784

- sign 23124.918+/-0.000 χ^2/NDF: 4018600155881

dit_sam5_coil4_err_mean vs Slug

Right In: 198.056+/-0.000 χ^2/NDF: 2482928792293864415922382990034862080.0/14

Left Out: 212.308+/-0.000 χ^2/NDF:5632304717482752917765811019238604 80.0/3

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

+ sign 202.276+/-0.000 χ^2/NDF: 30851936211935 9

All: 194.143+/-0.000 χ^2/NDF: 53918772253 0

- sign 186.009+/-0.000 χ^2/NDF: 218470524971087

dit_sam5_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1057.337+/-0.000 χ^2/NDF: 51658283754716
Left Out: 939.150+/-0.000 χ^2/NDF:560707293166644608960696033032011776 0.0/3
All: 1058.790+/-0.000 χ^2/NDF: 1351342197
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1060.242+/-0.000 χ^2/NDF: 83472046824869
Left In: 1175.686+/-0.000 χ^2/NDF:620661977160900387929263860674776268 8.0/2

dit_sam6_coil4_mean vs Slug

Right In: 15125.834+/-0.000 χ^2/NDF: 16615438767664069151744668380763246297088.0/14
+ sign 16164.219+/-0.000 χ^2/NDF: 2251250077966
Left Out: 18632.762+/-0.000 χ^2/NDF:353370115930741249551654181088055735091 2.0/3
All: 16065.450+/-0.000 χ^2/NDF: 5450627338
Right Out: 13482.244+/-0.000 χ^2/NDF: 15910426475407825250252248749810022088704.0/15
- sign 15966.682+/-0.000 χ^2/NDF: 3197578391956
Left In: 22465.191+/-0.000 χ^2/NDF:1179537749672801785730679963863553671168.0/2

dit_sam6_coil4_err_mean vs Slug

Right In: 232.312+/-0.000 χ^2/NDF: 5478184144885833956204804001180418048.0/14

Left Out: 330.500+/-0.000 χ^2/NDF:116110267633329653789170254676492288 0.0/3

Right Out: 204.637+/-0.000 χ^2/NDF: 455506704683523001793088286788209868 8.0/15

Left In: 360.811+/-0.000 χ^2/NDF:655508761362888166052838839053975552.0/2

+ sign 261.385+/-0.000 χ^2/NDF: 849192392545454

All: 254.608+/-0.000 χ^2/NDF: 18286555993

- sign 247.830+/-0.000 χ^2/NDF: 970993389241155

dit_sam6_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1057.337+/-0.000 χ^2/NDF: 51658283754716
Left Out: 939.150+/-0.000 χ^2/NDF:560707293166644608960696033032011776 0.0/3
All: 1058.790+/-0.000 χ^2/NDF: 1351342197
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1060.242+/-0.000 χ^2/NDF: 83472046824869
Left In: 1175.686+/-0.000 χ^2/NDF:620661977160900387929263860674776268 8.0/2

dit_sam7_coil4_mean vs Slug

Right In: -1264.303+/-0.000 χ^2/NDF: 1402152515385026575491739945439319818 24.0/14
+ sign -1191.128+/-0.000 χ^2/NDF: 1723615540515
Left Out: -1017.169+/-0.000 χ^2/NDF:204098008075141671370337202718124277 76.0/3
All: -1224.064+/-0.000 χ^2/NDF: 3146002983
Right Out: -1198.483+/-0.000 χ^2/NDF: 1311647638980167935154922176961671 33184.0/15
- sign -1257.001+/-0.000 χ^2/NDF: 1402382947209 5
Left In: -1410.066+/-0.000 χ^2/NDF:8151269391163693931246612913953177 60.0/2

dit_sam7_coil4_err_mean vs Slug

Right In: 171.323+/-0.000 χ^2/NDF: 612097507518730550979514306499339878 4.0/14

Left Out: 237.992+/-0.000 χ^2/NDF:380454780352925982885157784684331008.0/3

Right Out: 155.993+/-0.000 χ^2/NDF: 568065928150459585202152472724478361 6.0/15

Left In: 226.264+/-0.000 χ^2/NDF:102902683392272074273050647787995136.0/2

+ sign 191.063+/-0.000 χ^2/NDF: 735556365881584

All: 183.246+/-0.000 χ^2/NDF: 14162729475 2

- sign 175.428+/-0.000 χ^2/NDF: 669447683303360

dit_sam7_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1057.337+/-0.000 χ^2/NDF: 51658283754716
Left Out: 939.150+/-0.000 χ^2/NDF:560707293166644608960696033032011776 0.0/3
All: 1058.790+/-0.000 χ^2/NDF: 1351342197
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1060.242+/-0.000 χ^2/NDF: 83472046824869
Left In: 1175.686+/-0.000 χ^2/NDF:620661977160900387929263860674776268 8.0/2

dit_sam8_coil4_mean vs Slug

Right In: 907.442+/-0.000 χ^2/NDF: 2107238007691848638499662178406566461440.0/14

Left Out: 1079.301+/-0.000 χ^2/NDF:6750763298518079727324780316557364428 8.0/3

Right Out: 500.689+/-0.000 χ^2/NDF: 2074232918749953174436803426379074895872.0/15

Left In: 1545.114+/-0.000 χ^2/NDF:9663760756193726149149174465069842432.0/2

+ sign 958.328+/-0.000 χ^2/NDF: 218042138087642

All: 873.938+/-0.000 χ^2/NDF: 44786790212 2

- sign 789.548+/-0.000 χ^2/NDF: 228512522981301

dit_sam8_coil4_err_mean vs Slug

Right In: 116.159+/-0.000 χ^2/NDF: 1198526427485199785396504127288115200.0/14

Left Out: 202.747+/-0.000 χ^2/NDF:4105231028995860130777834181906923 52.0/3

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

+ sign 141.797+/-0.000 χ^2/NDF: 304978980528453

All: 136.651+/-0.000 χ^2/NDF: 61673425506 8

- sign 131.505+/-0.000 χ^2/NDF: 306871392760994

dit_sam8_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1057.337+/-0.000 χ^2/NDF: 5165828375471 6
Left Out: 939.150+/-0.000 χ^2/NDF:560707293166644608960696033032011776 0.0/3
All: 1058.790+/-0.000 χ^2/NDF: 1351342197 7
Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15
- sign 1060.242+/-0.000 χ^2/NDF: 8347204682486 9
Left In: 1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

dit_4aX_coil6_mean vs Slug

Right In: 2.123+/-0.000 χ^2/NDF: 526370592282107597102201384940339 2.0/14

+ sign 2.227+/-0.000 χ^2/NDF: 5499194735800453 4

Left Out: 2.474+/-0.000 χ^2/NDF:211831530417270803502716480913408.0/3

All: 2.249+/-0.000 χ^2/NDF: 8121772824708 8

Right Out: 2.142+/-0.000 χ^2/NDF: 247294994099367246616169225702604 8.0/15

- sign 2.272+/-0.000 χ^2/NDF: 2621634117699848 4

Left In: 2.613+/-0.000 χ^2/NDF:107784298839648456637860640980992.0/2

dit_4aX_coil6_err_mean vs Slug

Right In: 4.495+/-0.000 χ^2/NDF: 2527024221981606153232919863440179 2.0/14

+ sign 3.700+/-0.000 χ^2/NDF: 2668692162376323 0

Left Out: 1.808+/-0.000 χ^2/NDF:2942589329729759806115001086771 2.0/3

All: 3.574+/-0.000 χ^2/NDF: 3942655448530 9

Right Out: 3.852+/-0.000 χ^2/NDF: 1231497147655680655051884763860172 8.0/15

- sign 3.448+/-0.000 χ^2/NDF: 1271035896036730 9

Left In: 2.389+/-0.000 χ^2/NDF:1886326733465507460686649753 60.0/2

dit_4aX_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1007.842+/-0.000 χ^2/NDF: 4558759698573 8
Left Out: 995.231+/-0.000 χ^2/NDF:138046467510512098775412342192519249 92.0/3
All: 1011.883+/-0.000 χ^2/NDF: 1333791328 9
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1015.924+/-0.000 χ^2/NDF: 8776142077930 8
Left In: 1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

dit_4eX_coil6_mean vs Slug

Right In: 1.480+/-0.000 χ^2/NDF: 579967069590278445905576798768332 8.0/14

Left Out: 1.682+/-0.000 χ^2/NDF:1833039082531286460425120052674 56.0/3

Right Out: 1.480+/-0.000 χ^2/NDF: 409264580061376557266298782036787 2.0/15

Left In: 1.776+/-0.000 χ^2/NDF:1290472263413626543824661056061 44.0/2

+ sign 1.540+/-0.000 χ^2/NDF: 5990792490242326 0

All: 1.551+/-0.000 χ^2/NDF: 1022883077615 8

- sign 1.562+/-0.000 χ^2/NDF: 4237809411330857 6

dit_4eX_coil6_err_mean vs Slug

Right In: 4.424+/-0.000 χ^2/NDF: 28257459272876210608839830473277440.0/14

+ sign 3.608+/-0.000 χ^2/NDF: 2974564415785513

Left Out: 1.666+/-0.000 χ^2/NDF:2580962884559646523892387178086 4.0/3

All: 3.455+/-0.000 χ^2/NDF: 4421758999226

Right Out: 3.727+/-0.000 χ^2/NDF: 13991816814749842519794284853460992.0/15

- sign 3.301+/-0.000 χ^2/NDF: 1442872745266657 5

Left In: 2.188+/-0.000 χ^2/NDF:74556015808005089273799770112.0/2

dit_4eX_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1007.842+/-0.000 χ^2/NDF: 4558759698573 8
Left Out: 995.231+/-0.000 χ^2/NDF:138046467510512098775412342192519249 92.0/3
All: 1011.883+/-0.000 χ^2/NDF: 1333791328 9
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1015.924+/-0.000 χ^2/NDF: 8776142077930 8
Left In: 1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

dit_11X12X_coil6_mean vs Slug

Right In: 4.785+/-0.000 χ^2/NDF: 39965560731547797118081594703216 64.0/14

+ sign 5.072+/-0.000 χ^2/NDF: 4769608935196004 1

Left Out: 5.755+/-0.000 χ^2/NDF:592301610219872196117956151738368.0/3

All: 5.056+/-0.000 χ^2/NDF: 6450580931354 1

Right Out: 4.598+/-0.000 χ^2/NDF: 989607156792948633247632779640832.0/15

- sign 5.040+/-0.000 χ^2/NDF: 1680480923765180 6

Left In: 6.194+/-0.000 χ^2/NDF:221204757307179606101012133183488.0/2

dit_11X12X_coil6_err_mean vs Slug

Right In: 5.366+/-0.000 χ^2/NDF: 1878072472206349709615300930122547 2.0/14

+ sign 4.470+/-0.000 χ^2/NDF: 2067126224611073 7

Left Out: 2.341+/-0.000 χ^2/NDF:1322112079096240204238368958054 40.0/3

All: 4.399+/-0.000 χ^2/NDF: 3824484344162 5

Right Out: 5.192+/-0.000 χ^2/NDF: 1574957375494534575443243695289 1392.0/15

- sign 4.327+/-0.000 χ^2/NDF: 1756411184132408 8

Left In: 2.064+/-0.000 χ^2/NDF:969695130292156616345683545292 8.0/2

dit_11X12X_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1007.842+/-0.000 χ^2/NDF: 4558759698573 8
Left Out: 995.231+/-0.000 χ^2/NDF:138046467510512098775412342192519249 92.0/3
All: 1011.883+/-0.000 χ^2/NDF: 1333791328 9
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1015.924+/-0.000 χ^2/NDF: 8776142077930 8
Left In: 1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

dit_4aY_coil6_mean vs Slug

Right In: 22.385+/-0.000 χ^2/NDF: 192226086002359263779409418332300902 4.0/14

Left Out: 35.493+/-0.000 χ^2/NDF:105090637470819191953479610904084 48.0/3

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

+ sign 26.266+/-0.000 χ^2/NDF: 196578960127289 0

All: 25.994+/-0.000 χ^2/NDF: 426338099517 1

- sign 25.722+/-0.000 χ^2/NDF: 2297454955217486

dit_4aY_coil6_err_mean vs Slug

Right In: 1.384+/-0.000 χ^2/NDF: 157115932410206412048794093669580 8.0/14

Left Out: 0.398+/-0.000 χ^2/NDF:302566622019200652814791475200 0.0/3

Right Out: 1.142+/-0.000 χ^2/NDF: 810680738285448955223066212827136.0/15

Left In: 0.443+/-0.000 χ^2/NDF:110172673139444850799564292096.0/2

+ sign 1.092+/-0.000 χ^2/NDF: 1760845754793173 2

All: 1.020+/-0.000 χ^2/NDF: 2671288170465 5

- sign 0.948+/-0.000 χ^2/NDF: 90092811688400713

dit_4aY_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1007.842+/-0.000 χ^2/NDF: 4558759698573 8
Left Out: 995.231+/-0.000 χ^2/NDF:138046467510512098775412342192519249 92.0/3
All: 1011.883+/-0.000 χ^2/NDF: 1333791328 9
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1015.924+/-0.000 χ^2/NDF: 8776142077930 8
Left In: 1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

dit_4eY_coil6_mean vs Slug

Right In: -19.175+/-0.000 χ^2/NDF: 1246364705689764961102868160463241216.0/14

+ sign -17.964+/-0.000 χ^2/NDF: 125208547606508

Left Out: -15.086+/-0.000 χ^2/NDF:250706572933525264562890610625740 8.0/3

All: -17.813+/-0.000 χ^2/NDF: 274342915484

Right Out: -18.479+/-0.000 χ^2/NDF: 1489398115046175180640331393369374720.0/15

- sign -17.662+/-0.000 χ^2/NDF: 1491301686387394

Left In: -15.527+/-0.000 χ^2/NDF:2955360794106467089672573949050 88.0/2

dit_4eY_coil6_err_mean vs Slug

Right In: 1.274+/-0.000 χ^2/NDF: 1212041476631073599154045304438784.0/14

Left Out: 0.413+/-0.000 χ^2/NDF:309965702617012123594698994483 2.0/3

Right Out: 1.052+/-0.000 χ^2/NDF: 607316121057753919194559126962176.0/15

Left In: 0.460+/-0.000 χ^2/NDF:287200503170740058172067676 16.0/2

+ sign 1.019+/-0.000 χ^2/NDF: 1357482965740439 4

All: 0.954+/-0.000 χ^2/NDF: 2037429507778 1

- sign 0.888+/-0.000 χ^2/NDF: 67202623192580103

dit_4eY_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1007.842+/-0.000 χ^2/NDF: 4558759698573 8
Left Out: 995.231+/-0.000 χ^2/NDF:138046467510512098775412342192519249 92.0/3
All: 1011.883+/-0.000 χ^2/NDF: 1333791328 9
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1015.924+/-0.000 χ^2/NDF: 8776142077930 8
Left In: 1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

dit_usl_coil6_mean vs Slug

Right In: -697.283+/-0.000 χ^2/NDF: 490435790698133828475769692944364208128.0/14

+ sign -748.743+/-0.000 χ^2/NDF: 52038921939629

Left Out: -910.870+/-0.000 χ^2/NDF:228200196465866696284804951191385538 56.0/2

All: -839.192+/-0.000 χ^2/NDF: 16402796545

Right Out: -853.734+/-0.000 χ^2/NDF: 107837902012641231715593227515620176 6912.0/15

- sign -923.068+/-0.000 χ^2/NDF: 110640921736224

Left In: -1104.427+/-0.000 χ^2/NDF:164365566750276480856001101960189050 88.0/2

dit_usl_coil6_err_mean vs Slug

Right In: 329.108+/-0.000 χ^2/NDF: 116863820700538623524207945698672377856.0/14

+ sign 287.314+/-0.000 χ^2/NDF: 122012108048114

Left Out: 155.641+/-0.000 χ^2/NDF:4430737893495245559038796240246538 24.0/2

All: 288.240+/-0.000 χ^2/NDF: 213058647263

Right Out: 326.695+/-0.000 χ^2/NDF: 875691233543180206886110284151510 79424.0/15

- sign 289.100+/-0.000 χ^2/NDF: 910451235008719

Left In: 190.764+/-0.000 χ^2/NDF:674638194276032648759723002083409 92.0/2

dit_usl_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 992.628+/-0.000 χ^2/NDF: 428643628164345
Left Out: 927.985+/-0.000 χ^2/NDF:1000905623089806518084439518139436236 8.0/2
All: 1004.715+/-0.000 χ^2/NDF: 1308665371
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1015.924+/-0.000 χ^2/NDF: 87761420779308
Left In: 1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

dit_usr_coil6_mean vs Slug

Right In: -444.512+/-0.000 χ^2/NDF: 3964819035015937030665358512299536547 84.0/14

+ sign -491.192+/-0.000 χ^2/NDF: 40454316413098

Left Out: -602.165+/-0.000 χ^2/NDF:3285095122083930811468617045990440960.0/3

All: -481.984+/-0.000 χ^2/NDF: 9454891131 0

Right Out: -406.729+/-0.000 χ^2/NDF: 5291224218667748100129417822391291 08480.0/15

- sign -472.776+/-0.000 χ^2/NDF: 5407896053736 11

Left In: -645.535+/-0.000 χ^2/NDF:1146981281597485807343383383472340992.0/2

dit_usr_coil6_err_mean vs Slug

Right In: 442.162+/-0.000 χ^2/NDF: 204015999343694089140945697316947361792.0/14

Left Out: 159.850+/-0.000 χ^2/NDF:36349867465941407623099831136393625 6.0/3

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

+ sign 358.571+/-0.000 χ^2/NDF: 21969512032453 5

All: 346.811+/-0.000 χ^2/NDF: 33424724648 4

- sign 335.052+/-0.000 χ^2/NDF: 114297130102564

dit_usr_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1007.842+/-0.000 χ^2/NDF: 4558759698573 8
Left Out: 995.231+/-0.000 χ^2/NDF:138046467510512098775412342192519249 92.0/3
All: 1011.883+/-0.000 χ^2/NDF: 1333791328 9
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1015.924+/-0.000 χ^2/NDF: 8776142077930 8
Left In: 1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

dit_atl1_coil6_mean vs Slug

Right In: 1729.013+/-0.000 χ^2/NDF: 6413121297273347408075624116507964866560.0/14

+ sign 1291.574+/-0.000 χ^2/NDF: 6840692772680

Left Out: 251.655+/-0.000 χ^2/NDF:8152637205134913830492558527574310912.0/3

All: 1193.180+/-0.000 χ^2/NDF: 1346342476

Right Out: 1360.914+/-0.000 χ^2/NDF: 6431605933148863413038417850186506174464.0/15

- sign 1094.786+/-0.000 χ^2/NDF: 66048794629575

Left In: 398.680+/-0.000 χ^2/NDF:2470234444158006634507417512285569024.0/2

dit_atl1_coil6_err_mean vs Slug

Right In: 617.343+/-0.000 χ^2/NDF: 7923660129859541983453177502687559680 00.0/14

+ sign 478.764+/-0.000 χ^2/NDF: 83491723222785 1

Left Out: 149.322+/-0.000 χ^2/NDF:4584670558033521921049335575368171 52.0/3

All: 692.924+/-0.000 χ^2/NDF: 42724040096 5

Right Out: 1184.322+/-0.000 χ^2/NDF: 3167423043121242666563535820496559931392.0/15

- sign 907.083+/-0.000 χ^2/NDF: 335291292855630

Left In: 181.915+/-0.000 χ^2/NDF:1270492716896243731720450953938206 72.0/2

dit_atl1_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1007.842+/-0.000 χ^2/NDF: 4558759698573 8
Left Out: 995.231+/-0.000 χ^2/NDF:138046467510512098775412342192519249 92.0/3
All: 1011.883+/-0.000 χ^2/NDF: 1333791328 9
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1015.924+/-0.000 χ^2/NDF: 8776142077930 8
Left In: 1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

dit_atl2_coil6_mean vs Slug

Right In: -4107.443+/-0.000 χ^2/NDF: 1452743632498203145427778083121181963059 2.0/14

+ sign -4179.663+/-0.000 χ^2/NDF: 1649702958332

Left Out: -4351.351+/-0.000 χ^2/NDF:195816111471021272160596198632029631283 2.0/3

All: -4475.117+/-0.000 χ^2/NDF: 3835516007

Right Out: -4072.120+/-0.000 χ^2/NDF: 2036717142369016809577885467876492994150 4.0/15

- sign -4770.572+/-0.000 χ^2/NDF: 2169716144759 2

Left In: -6597.505+/-0.000 χ^2/NDF:153494296879791765949353558577432756224.0/2

dit_atl2_coil6_err_mean vs Slug

Right In: 1343.321+/-0.000 χ^2/NDF: 1317478352429773686550511077330771771392.0/14

+ sign 1128.661+/-0.000 χ^2/NDF: 1438222448469

Left Out: 618.353+/-0.000 χ^2/NDF:1974584222567974516677217395154301747 2.0/3

All: 1138.010+/-0.000 χ^2/NDF: 2814973488

Right Out: 1291.796+/-0.000 χ^2/NDF: 1323568917008872977905960011586991030272.0/15

- sign 1147.360+/-0.000 χ^2/NDF: 13765898600816

Left In: 769.558+/-0.000 χ^2/NDF:2708862486246207789197284037506367488.0/2

dit_atl2_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1007.842+/-0.000 χ^2/NDF: 4558759698573 8
Left Out: 995.231+/-0.000 χ^2/NDF:138046467510512098775412342192519249 92.0/3
All: 1011.883+/-0.000 χ^2/NDF: 1333791328 9
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1015.924+/-0.000 χ^2/NDF: 8776142077930 8
Left In: 1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

dit_atr1_coil6_mean vs Slug

Right In: 582.390+/-0.000 χ^2/NDF: 338796567623032040072791996460490031104.0/14
+ sign 497.287+/-0.000 χ^2/NDF: 35828397148057
Left Out: 294.972+/-0.000 χ^2/NDF:36127819177718837108359913095959674 88.0/3
All: 379.224+/-0.000 χ^2/NDF: 25674071152
Right Out: 191.587+/-0.000 χ^2/NDF: 216876212055234622341674300502071626 9568.0/15
- sign 261.162+/-0.000 χ^2/NDF: 218342008030996
Left Out: 443.146+/-0.000 χ^2/NDF:298413442078879088155228311966554 5216.0/2

dit_atr1_coil6_err_mean vs Slug

Right In: 542.328+/-0.000 χ^2/NDF: 414378812003795549649034048462817067008.0/14

+ sign 429.528+/-0.000 χ^2/NDF: 442654958158181

Left Out: 161.371+/-0.000 χ^2/NDF:387547486329658650599445603383508992.0/3

All: 549.413+/-0.000 χ^2/NDF: 312483376157

Right Out: 853.203+/-0.000 χ^2/NDF: 257407638144104678777244913713391704 4736.0/15

- sign 669.298+/-0.000 χ^2/NDF: 265567610321210

Left In: 188.260+/-0.000 χ^2/NDF:345545651444229493825283347709952 00.0/2

dit_atr1_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1007.842+/-0.000 χ^2/NDF: 4558759698573 8
Left Out: 995.231+/-0.000 χ^2/NDF:138046467510512098775412342192519249 92.0/3
All: 1011.883+/-0.000 χ^2/NDF: 1333791328 9
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1015.924+/-0.000 χ^2/NDF: 8776142077930 8
Left In: 1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

dit_atr2_coil6_mean vs Slug

Right In: -4568.297+/-0.000 χ^2/NDF: 2419505214816571954071311092197775690956 8.0/14
+ sign -4653.793+/-0.000 χ^2/NDF: 2445190790851
Left Out: -4857.043+/-0.000 χ^2/NDF:2408340876930262806417768561448876769 28.0/3
All: -4567.112+/-0.000 χ^2/NDF: 5571958537
Right Out: -4170.773+/-0.000 χ^2/NDF: 3096724883218791204111390955948110302 4128.0/15
- sign -4480.430+/-0.000 χ^2/NDF: 3125382226159 0
Left In: -5290.398+/-0.000 χ^2/NDF:5532418744988733050169560819570835 4560.0/2

dit_atr2_coil6_err_mean vs Slug

Right In: 1556.763+/-0.000 χ^2/NDF: 113936423921860056719185513175693079347 2.0/14
+ sign 1295.100+/-0.000 χ^2/NDF: 1298007306653 2
Left Out: 673.052+/-0.000 χ^2/NDF:857184214961115277008669350059363532 8.0/3
All: 1549.078+/-0.000 χ^2/NDF: 1085327235 9
Right Out: 2232.520+/-0.000 χ^2/NDF: 899039572553393013487859556970694233292 8.0/15
- sign 1803.055+/-0.000 χ^2/NDF: 9436318644812 2
Left In: 679.710+/-0.000 χ^2/NDF:111564147938092556689503330792112128 0.0/2

dit_atr2_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1007.842+/-0.000 χ^2/NDF: 4558759698573 8
Left Out: 995.231+/-0.000 χ^2/NDF:138046467510512098775412342192519249 92.0/3
All: 1011.883+/-0.000 χ^2/NDF: 1333791328 9
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1015.924+/-0.000 χ^2/NDF: 8776142077930 8
Left In: 1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

dit_sam1_coil6_mean vs Slug

Right In: -337.865+/-0.000 χ^2/NDF: 1515251593300707989166109794076208188620 8.0/14

+ sign -840.889+/-0.000 χ^2/NDF: 15742108082553

Left Out: -2036.723+/-0.000 χ^2/NDF:3497814014037066152318681788594729779 2.0/3

All: -807.359+/-0.000 χ^2/NDF: 3322175022 8

Right Out: -131.545+/-0.000 χ^2/NDF: 1647321765107887797637742441995690206 8224.0/15

- sign -773.829+/-0.000 χ^2/NDF: 17477568981922 3

Left In: -2453.840+/-0.000 χ^2/NDF:9473368181706755096591200691882557440.0/2

dit_sam1_coil6_err_mean vs Slug

Right In: 113.134+/-0.000 χ^2/NDF: 9989638354332004017458192433874468864.0/14

+ sign 85.958+/-0.000 χ^2/NDF: 1161595139036734

Left Out: 21.353+/-0.000 χ^2/NDF:756701220056889516583195762071961 6.0/3

All: 82.837+/-0.000 χ^2/NDF: 180281580526 2

Right Out: 98.833+/-0.000 χ^2/NDF: 551036530859042633395361070126098022 4.0/15

- sign 79.717+/-0.000 χ^2/NDF: 6394250916749680

Left In: 29.715+/-0.000 χ^2/NDF:2588237990004248238663738979254272.0/2

dit_sam1_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1007.842+/-0.000 χ^2/NDF: 4558759698573 8
Left Out: 995.231+/-0.000 χ^2/NDF:138046467510512098775412342192519249 92.0/3
All: 1011.883+/-0.000 χ^2/NDF: 1333791328 9
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1015.924+/-0.000 χ^2/NDF: 8776142077930 8
Left In: 1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

dit_sam2_coil6_mean vs Slug

Right In: 6175.493+/-0.000 χ^2/NDF: 1172608771629212239674783490507084524421 12.0/14
+ sign 5371.508+/-0.000 χ^2/NDF: 11877599540651
Left Out: 3460.203+/-0.000 χ^2/NDF:983176765151930713809373861071856599 04.0/3
All: 5334.957+/-0.000 χ^2/NDF: 2570473015 1
Right Out: 5996.727+/-0.000 χ^2/NDF: 1370577107850251365434077101079163568 12800.0/15
- sign 5298.406+/-0.000 χ^2/NDF: 13826884255909
Left Out: 3471.817+/-0.000 χ^2/NDF:3507933869066941061581899080713371 6480.0/2

dit_sam2_coil6_err_mean vs Slug

Right In: 1186.846+/-0.000 χ^2/NDF: 1796463312802023303623210264680353234944.0/14

+ sign 929.211+/-0.000 χ^2/NDF: 194287159152255

Left Out: 316.740+/-0.000 χ^2/NDF:922405460143356122282068092716580864.0/3

All: 886.484+/-0.000 χ^2/NDF: 29461146939

Right Out: 1016.732+/-0.000 χ^2/NDF: 9276460034660942495583916910248250572 80.0/15

- sign 843.756+/-0.000 χ^2/NDF: 999876570783615

Left In: 391.305+/-0.000 χ^2/NDF:7192895048236108459604818287971532 8.0/2

dit_sam2_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1007.842+/-0.000 χ^2/NDF: 4558759698573 8
Left Out: 995.231+/-0.000 χ^2/NDF:138046467510512098775412342192519249 92.0/3
All: 1011.883+/-0.000 χ^2/NDF: 1333791328 9
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1015.924+/-0.000 χ^2/NDF: 8776142077930 8
Left In: 1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

dit_sam3_coil6_mean vs Slug

Right In: -643.217+/-0.000 χ^2/NDF: 2727269646082066940272851597849253642 24.0/14
+ sign -728.666+/-0.000 χ^2/NDF: 30370732356039
Left Out: -931.802+/-0.000 χ^2/NDF:1497656287157877104829957556567382 4256.0/3
All: -712.836+/-0.000 χ^2/NDF: 5405968417 7
Right Out: -597.043+/-0.000 χ^2/NDF: 2107333707980314493635040043190 05376512.0/15
- sign -697.006+/-0.000 χ^2/NDF: 236427451699732
Left In: -958.480+/-0.000 χ^2/NDF:1594960956922009065432488987982823424.0/2

dit_sam3_coil6_err_mean vs Slug

Right In: 575.526+/-0.000 χ^2/NDF: 432680039285849719493276471277131923456.0/14

+ sign 477.723+/-0.000 χ^2/NDF: 454139914923281

Left Out: 245.217+/-0.000 χ^2/NDF:493769991005335931006684349658562560.0/3

All: 448.271+/-0.000 χ^2/NDF: 671701030249

Right Out: 470.716+/-0.000 χ^2/NDF: 209310604291868219806073768764512403456.0/15

- sign 418.819+/-0.000 χ^2/NDF: 215961615504442

Left In: 283.074+/-0.000 χ^2/NDF:155794757972046171301576795284832256.0/2

dit_sam3_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1007.842+/-0.000 χ^2/NDF: 4558759698573 8
Left Out: 995.231+/-0.000 χ^2/NDF:138046467510512098775412342192519249 92.0/3
All: 1011.883+/-0.000 χ^2/NDF: 1333791328 9
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1015.924+/-0.000 χ^2/NDF: 8776142077930 8
Left In: 1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

dit_sam4_coil6_mean vs Slug

Right In: -4565.412+/-0.000 χ^2/NDF: 3566776824743228998489904272515548787507 2.0/14

+ sign -4871.159+/-0.000 χ^2/NDF: 3622884220704

Left Out: -5598.007+/-0.000 χ^2/NDF:3561766515532312543467019777642961305 60.0/3

All: -4690.110+/-0.000 χ^2/NDF: 8218768263

Right Out: -4156.859+/-0.000 χ^2/NDF: 4553945544165992715770844309993068219 5968.0/15

- sign -4509.060+/-0.000 χ^2/NDF: 4589839630740 3

Left In: -5430.310+/-0.000 χ^2/NDF:5978371662684287603163250638649819 1360.0/2

dit_sam4_coil6_err_mean vs Slug

Right In: 775.824+/-0.000 χ^2/NDF: 641856726975740612716432458612629045248.0/14

Left Out: 430.656+/-0.000 χ^2/NDF:157122961622425919146682336910770176 0.0/3

Right Out: 627.315+/-0.000 χ^2/NDF: 297517676171111924966086193860621369344.0/15

Left In: 512.440+/-0.000 χ^2/NDF:252140103856882239843349088176177152.0/2

+ sign 673.622+/-0.000 χ^2/NDF: 666322784233150

All: 634.583+/-0.000 χ^2/NDF: 96933729986

- sign 595.543+/-0.000 χ^2/NDF: 300204158655031

dit_sam4_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1007.842+/-0.000 χ^2/NDF: 4558759698573 8
Left Out: 995.231+/-0.000 χ^2/NDF:138046467510512098775412342192519249 92.0/3
All: 1011.883+/-0.000 χ^2/NDF: 1333791328 9
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1015.924+/-0.000 χ^2/NDF: 8776142077930 8
Left In: 1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

dit_sam5_coil6_mean vs Slug

Right In: -64.751+/-0.000 χ^2/NDF: 96142234488518141916838173499895589109 76.0/14

+ sign -275.434+/-0.000 χ^2/NDF: 97210882000791

Left Out: -776.289+/-0.000 χ^2/NDF:95737862497459274279232575986854789 12.0/3

All: -228.294+/-0.000 χ^2/NDF: 2354856761 4

Right Out: -57.229+/-0.000 χ^2/NDF: 137809589770087023019425054543871779 79904.0/15

- sign -181.155+/-0.000 χ^2/NDF: 138233817849092

Left In: -505.306+/-0.000 χ^2/NDF:53853116150971072324678182280689090 56.0/2

dit_sam5_coil6_err_mean vs Slug

Right In: 121.228+/-0.000 χ^2/NDF: 272317085768436257480063759486130585 6.0/14

+ sign 105.912+/-0.000 χ^2/NDF: 33685754824145 8

Left Out: 69.501+/-0.000 χ^2/NDF:131243707666185378193919605800435712.0/3

All: 100.677+/-0.000 χ^2/NDF: 552964791161

Right Out: 102.749+/-0.000 χ^2/NDF: 196766802484601033365442767055591833 6.0/15

- sign 95.442+/-0.000 χ^2/NDF: 2110540155463643

Left In: 76.330+/-0.000 χ^2/NDF:141143799728428310508114479929098 24.0/2

dit_sam5_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1007.842+/-0.000 χ^2/NDF: 4558759698573 8
Left Out: 995.231+/-0.000 χ^2/NDF:138046467510512098775412342192519249 92.0/3
All: 1011.883+/-0.000 χ^2/NDF: 1333791328 9
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1015.924+/-0.000 χ^2/NDF: 8776142077930 8
Left In: 1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

dit_sam6_coil6_mean vs Slug

Right In: 199.503+/-0.000 χ^2/NDF: 326815974592353382504518166487684979097 6.0/14
+ sign -53.502+/-0.000 χ^2/NDF: 341535647229805
Left Out: -654.969+/-0.000 χ^2/NDF:68918411725801717285594995888058531 84.0/3
All: -57.022+/-0.000 χ^2/NDF: 921484653103
Right Out: 160.512+/-0.000 χ^2/NDF: 568057670946119790152672970370625149337 6.0/15
- sign -60.542+/-0.000 χ^2/NDF: 5799467210495711
Left In: -638.751+/-0.000 χ^2/NDF:1044585378722040382456543403761991680.0/2

dit_sam6_coil6_err_mean vs Slug

Right In: 143.764+/-0.000 χ^2/NDF: 451478586956577784990050859182194688 0.0/14

+ sign 129.142+/-0.000 χ^2/NDF: 506440288706626

Left Out: 94.382+/-0.000 χ^2/NDF:810124592962744238090407347318947 84.0/3

All: 130.508+/-0.000 χ^2/NDF: 826693938252

Right Out: 132.341+/-0.000 χ^2/NDF: 317408790879624528768235991428235 2640.0/15

- sign 131.875+/-0.000 χ^2/NDF: 319909334493056

Left In: 130.656+/-0.000 χ^2/NDF:244820709966450712639261884609986 56.0/2

dit_sam6_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1007.842+/-0.000 χ^2/NDF: 4558759698573 8
Left Out: 995.231+/-0.000 χ^2/NDF:138046467510512098775412342192519249 92.0/3
All: 1011.883+/-0.000 χ^2/NDF: 1333791328 9
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1015.924+/-0.000 χ^2/NDF: 8776142077930 8
Left In: 1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

dit_sam7_coil6_mean vs Slug

Right In: 285.856+/-0.000 χ^2/NDF: 2410824480235553006466331130108628172 8.0/14
+ sign 321.150+/-0.000 χ^2/NDF: 280899058933097
Left Out: 405.052+/-0.000 χ^2/NDF:125142575939248618751503864602977894 4.0/3
All: 327.745+/-0.000 χ^2/NDF: 817512392155
Right Out: 272.539+/-0.000 χ^2/NDF: 4414995266507559365033871333357571276 8.0/15
- sign 334.340+/-0.000 χ^2/NDF: 535811206720228
Left In: 495.995+/-0.000 χ^2/NDF:2198908976693571078583377484065013 76.0/2

dit_sam7_coil6_err_mean vs Slug

Right In: 173.871+/-0.000 χ^2/NDF: 4170547340446623261307370455499066572 8.0/14

Left Out: 67.840+/-0.000 χ^2/NDF:2848061480242766035536320303779020 8.0/3

Right Out: 145.228+/-0.000 χ^2/NDF: 2252961571940859472078526574443783782 4.0/15

Left In: 82.974+/-0.000 χ^2/NDF:5273504684481318390981093285167104.0/2

+ sign 142.476+/-0.000 χ^2/NDF: 438943761225058

All: 135.243+/-0.000 χ^2/NDF: 67240680210 4

- sign 128.010+/-0.000 χ^2/NDF: 232498374920190

dit_sam7_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1007.842+/-0.000 χ^2/NDF: 4558759698573 8
Left Out: 995.231+/-0.000 χ^2/NDF:138046467510512098775412342192519249 92.0/3
All: 1011.883+/-0.000 χ^2/NDF: 1333791328 9
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1015.924+/-0.000 χ^2/NDF: 8776142077930 8
Left In: 1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

dit_sam8_coil6_mean vs Slug

Right In: -2131.905+/-0.000 χ^2/NDF: 7224333845704950711314506619836705013 76.0/14
+ sign -2301.359+/-0.000 χ^2/NDF: 8539587840236
Left Out: -2704.200+/-0.000 χ^2/NDF:685868851007018642726437408267986534 40.0/3
All: -2268.873+/-0.000 χ^2/NDF: 1950702837
Right Out: -1888.448+/-0.000 χ^2/NDF: 7919866655519806910327198626117698191 36.0/15
- sign -2236.388+/-0.000 χ^2/NDF: 1094798050861 0
Left In: -3146.489+/-0.000 χ^2/NDF:1085062833719795970905274653258180198 4.0/2

dit_sam8_coil6_err_mean vs Slug

Right In: 100.135+/-0.000 χ^2/NDF: 7813910768784473081480373577053110272.0/14

+ sign 87.740+/-0.000 χ^2/NDF: 8186389360187585

Left Out: 58.271+/-0.000 χ^2/NDF:3569051795288419260042962455966515 2.0/3

All: 82.868+/-0.000 χ^2/NDF: 1175770610203

Right Out: 78.881+/-0.000 χ^2/NDF: 3525129078433901202304301512966275072.0/15

- sign 77.996+/-0.000 χ^2/NDF: 3527548019993155

Left In: 75.680+/-0.000 χ^2/NDF:5287553017755475811600042326753 28.0/2

dit_sam8_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1007.842+/-0.000 χ^2/NDF: 4558759698573 8
Left Out: 995.231+/-0.000 χ^2/NDF:138046467510512098775412342192519249 92.0/3
All: 1011.883+/-0.000 χ^2/NDF: 1333791328 9
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1015.924+/-0.000 χ^2/NDF: 8776142077930 8
Left In: 1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

dit_run_mean vs Slug

Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 5683.754+/-130.895 χ^2/NDF:32.3/3

Right Out: 5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: 6476.899+/-60.055 χ^2/NDF:15.1/2

+ sign 5774.117+/-0.181 χ^2/NDF: 1828559.2/18

All: 5828.995+/-0.111 χ^2/NDF: 2154283.3/37

- sign 5861.464+/-0.140 χ^2/NDF: 180140.5/18

dit_run_rms vs Slug

Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 5683.754+/-130.895 χ^2/NDF:32.3/3

Right Out: 5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: 6476.899+/-60.055 χ^2/NDF:15.1/2

+ sign 5774.117+/-0.181 χ^2/NDF: 1828559.2/18

All: 5828.995+/-0.111 χ^2/NDF: 2154283.3/37

- sign 5861.464+/-0.140 χ^2/NDF: 180140.5/18

dit_slug_slope vs Slug

Right In: 114.980+/-0.000 χ^2/NDF: 112344936246012934714934440230912.0/16

Left Out: 138.000+/-0.000 χ^2/NDF:2816.0/3

Right Out: 120.186+/-0.000 χ^2/NDF: 52233253644261695528198041763840.0/18

Left In: 144.000+/-0.000 χ^2/NDF:2790.0/2

+ sign 116.377+/-0.000 χ^2/NDF: 159793237837416

All: 118.926+/-0.000 χ^2/NDF: 29233096299

- sign 122.504+/-0.000 χ^2/NDF: 107997867116813

dit_cyclenum_mean vs Slug

Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 5644.461+/-130.105 χ^2/NDF:35.5/3

Right Out: 5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: 6515.207+/-60.441 χ^2/NDF:22.3/2

+ sign 4925.343+/-0.939 χ^2/NDF: 331060.6/18

All: 5005.056+/-0.544 χ^2/NDF: 372715.7/37

- sign 5045.401+/-0.668 χ^2/NDF: 30793.6/18

dit_cyclenum_rms vs Slug

Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 5644.461+/-130.105 χ^2/NDF:35.5/3

Right Out: 5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: 6515.207+/-60.441 χ^2/NDF:22.3/2

+ sign 4925.343+/-0.939 χ^2/NDF: 331060.6/18

All: 5005.056+/-0.544 χ^2/NDF: 372715.7/37

- sign 5045.401+/-0.668 χ^2/NDF: 30793.6/18

dit_scandata1_mean vs Slug

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

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_scandata1_rms vs Slug

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

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_scandata2_mean vs Slug

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

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_scandata2_rms vs Slug

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

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_flag_mean vs Slug

Right In: 1.000+/-0.000 χ^2/NDF: 95.9/14

Left Out: 0.863+/-0.020 χ^2/NDF:30.9/3

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: 0.978+/-0.009 χ^2/NDF:12.3/2

+ sign 1.000+/-0.000 χ^2/NDF: 174.5/18

All: 1.000+/-0.000 χ^2/NDF: 444.6/37

- sign 1.000+/-0.000 χ^2/NDF: 187.2/18

dit_flag_rms vs Slug

Right In: 1.000+/-0.000 χ^2/NDF: 95.9/14

Left Out: 0.863+/-0.020 χ^2/NDF:30.9/3

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: 0.978+/-0.009 χ^2/NDF:12.3/2

+ sign 1.000+/-0.000 χ^2/NDF: 174.5/18

All: 1.000+/-0.000 χ^2/NDF: 444.6/37

- sign 1.000+/-0.000 χ^2/NDF: 187.2/18

dit_segment_slope vs Slug

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: 1.250+/-0.013 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1.250+/-0.013 χ^2/NDF: 0.0/0

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam1_diff_bpm1X_slope vs Slug

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

Left Out: -7.370+/-0.172 χ^2/NDF:72.6/3

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

Left In: -5.589+/-0.178 χ^2/NDF:26.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -6.511+/-0.124 χ^2/NDF: 150.7/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam1_diff_bpm4aY_slope vs Slug

Right In: -57.563+/-0.141 χ^2/NDF: 3455.9/16

Left Out: -55.311+/-0.148 χ^2/NDF:194.3/3

Right Out: -57.736+/-0.143 χ^2/NDF: 4698.4/18

Left In: -56.152+/-0.172 χ^2/NDF:24.2/2

+ sign -56.485+/-0.102 χ^2/NDF: 3771.6/20

All: -56.764+/-0.075 χ^2/NDF: 8560.6/42

- sign -57.088+/-0.110 χ^2/NDF: 4772.8/21

reg_asym_sam1_diff_bpm4eX_slope vs Slug

Right In: 3.168+/-0.258 χ^2/NDF: 186.2/16

Left Out: -2.142+/-0.185 χ^2/NDF:30.5/3

Right Out: 3.726+/-0.267 χ^2/NDF: 323.3/18

Left In: -6.122+/-0.191 χ^2/NDF:88.3/2

+ sign -0.340+/-0.150 χ^2/NDF: 497.1/20

All: -1.516+/-0.108 χ^2/NDF: 1934.1/42

- sign -2.779+/-0.156 χ^2/NDF: 1309.7/21

reg_asym_sam1_diff_bpm4eY_slope vs Slug

Right In: 10.306+/-0.157 χ^2/NDF: 3712.3/16

Left Out: 13.870+/-0.173 χ^2/NDF:198.2/3

Right Out: 10.433+/-0.160 χ^2/NDF: 3828.5/18

Left In: 14.472+/-0.197 χ^2/NDF:101.0/2

+ sign 11.909+/-0.116 χ^2/NDF: 4143.0/20

All: 11.970+/-0.085 χ^2/NDF: 8326.8/42

- sign 12.040+/-0.124 χ^2/NDF: 4183.3/21

reg_asym_sam1_diff_bpm12X_slope vs Slug

Right In: 0.303+/-0.008 χ^2/NDF: 646.6/16

Left Out: 0.416+/-0.007 χ^2/NDF:55.9/3

Right Out: 0.241+/-0.008 χ^2/NDF: 986.7/18

Left In: 0.405+/-0.007 χ^2/NDF:128.7/2

+ sign 0.365+/-0.006 χ^2/NDF: 806.9/20

All: 0.350+/-0.004 χ^2/NDF: 2151.1/42

- sign 0.336+/-0.006 χ^2/NDF: 1330.8/21

reg_asym_sam2_diff_bpm1X_slope vs Slug

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

Left Out: -57.454+/-1.165 χ^2/NDF:19.1/3

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

Left In: -42.441+/-1.226 χ^2/NDF:47.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -50.334+/-0.845 χ^2/NDF: 145.3/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam2_diff_bpm4aY_slope vs Slug

Right In: -38.309+/-1.137 χ^2/NDF: 1132.7/16

Left Out: -36.552+/-0.915 χ^2/NDF:33.7/3

Right Out: -42.756+/-1.211 χ^2/NDF: 1341.6/18

Left In: -40.343+/-1.011 χ^2/NDF:701.6/2

+ sign -37.243+/-0.713 χ^2/NDF: 1167.8/20

All: -39.116+/-0.525 χ^2/NDF: 3228.5/42

- sign -41.335+/-0.776 χ^2/NDF: 2045.5/21

reg_asym_sam2_diff_bpm4eX_slope vs Slug

Right In: -114.996+/-2.072 χ^2/NDF: 141.8/16

Left Out: -147.563+/-1.248 χ^2/NDF:26.3/3

Right Out: -112.510+/-2.207 χ^2/NDF: 273.1/18

Left In: -149.730+/-1.314 χ^2/NDF:157.6/2

+ sign -138.894+/-1.069 χ^2/NDF: 349.3/20

All: -139.408+/-0.776 χ^2/NDF: 990.6/42

- sign -139.982+/-1.129 χ^2/NDF: 640.7/21

reg_asym_sam2_diff_bpm4eY_slope vs Slug

Right In: -175.696+/-1.268 χ^2/NDF: 692.9/16

Left Out: -145.922+/-1.095 χ^2/NDF:39.7/3

Right Out: -173.666+/-1.356 χ^2/NDF: 737.7/18

Left In: -132.999+/-1.188 χ^2/NDF:458.1/2

+ sign -158.651+/-0.829 χ^2/NDF: 1048.4/20

All: -154.960+/-0.608 χ^2/NDF: 2795.9/42

- sign -150.668+/-0.894 χ^2/NDF: 1704.6/21

reg_asym_sam2_diff_bpm12X_slope vs Slug

Right In: 0.067+/-0.067 χ^2/NDF: 526.1/16

Left Out: 1.508+/-0.051 χ^2/NDF:1.8/3

Right Out: -0.440+/-0.071 χ^2/NDF: 754.9/18

Left In: 1.528+/-0.052 χ^2/NDF:22.5/2

+ sign 0.973+/-0.041 χ^2/NDF: 819.2/20

All: 0.909+/-0.029 χ^2/NDF: 2100.1/42

- sign 0.840+/-0.042 χ^2/NDF: 1275.8/21

reg_asym_sam3_diff_bpm1X_slope vs Slug

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

Left Out: -50.876+/-0.584 χ^2/NDF:196.1/3

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

Left In: -32.573+/-0.511 χ^2/NDF:138.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -40.510+/-0.385 χ^2/NDF: 890.8/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam3_diff_bpm4aY_slope vs Slug

Right In: -3.754+/-0.495 χ^2/NDF: 165.3/16

Left Out: -0.180+/-0.444 χ^2/NDF:136.9/3

Right Out: -3.954+/-0.507 χ^2/NDF: 123.3/18

Left In: -2.869+/-0.392 χ^2/NDF:1.7/2

+ sign -1.773+/-0.330 χ^2/NDF: 331.1/20

All: -2.572+/-0.226 χ^2/NDF: 470.0/42

- sign -3.276+/-0.310 χ^2/NDF: 127.9/21

reg_asym_sam3_diff_bpm4eX_slope vs Slug

Right In: -45.101+/-0.881 χ^2/NDF: 229.9/16

Left Out: -75.894+/-0.625 χ^2/NDF:249.1/3

Right Out: -42.979+/-0.877 χ^2/NDF: 248.9/18

Left In: -64.910+/-0.547 χ^2/NDF:1090.5/2

+ sign -65.586+/-0.510 χ^2/NDF: 1292.0/20

All: -61.860+/-0.343 χ^2/NDF: 3179.0/42

- sign -58.767+/-0.464 χ^2/NDF: 1789.2/21

reg_asym_sam3_diff_bpm4eY_slope vs Slug

Right In: 23.079+/-0.556 χ^2/NDF: 461.1/16

Left Out: 20.416+/-0.534 χ^2/NDF:129.4/3

Right Out: 22.397+/-0.572 χ^2/NDF: 370.3/18

Left In: 24.227+/-0.464 χ^2/NDF:1.9/2

+ sign 21.694+/-0.385 χ^2/NDF: 602.5/20

All: 22.656+/-0.263 χ^2/NDF: 992.5/42

- sign 23.501+/-0.361 χ^2/NDF: 378.3/21

reg_asym_sam3_diff_bpm12X_slope vs Slug

Right In: -0.377+/-0.030 χ^2/NDF: 437.1/16

Left Out: 0.338+/-0.026 χ^2/NDF:11.3/3

Right Out: -0.601+/-0.030 χ^2/NDF: 555.6/18

Left In: 0.276+/-0.022 χ^2/NDF:5.2/2

+ sign 0.034+/-0.020 χ^2/NDF: 773.2/20

All: -0.003+/-0.013 χ^2/NDF: 1886.5/42

- sign -0.034+/-0.018 χ^2/NDF: 1106.6/21

reg_asym_sam4_diff_bpm1X_slope vs Slug

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

Left Out: -89.476+/-1.199 χ^2/NDF:348.9/3

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

Left In: -57.888+/-1.181 χ^2/NDF:62.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -73.452+/-0.841 χ^2/NDF: 763.4/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam4_diff_bpm4aY_slope vs Slug

Right In: 24.848+/-0.801 χ^2/NDF: 690.8/16

Left Out: 37.519+/-0.928 χ^2/NDF:476.0/3

Right Out: 27.648+/-0.810 χ^2/NDF: 1009.2/18

Left In: 30.458+/-0.956 χ^2/NDF:394.8/2

+ sign 30.257+/-0.606 χ^2/NDF: 1273.7/20

All: 29.553+/-0.433 χ^2/NDF: 2685.4/42

- sign 28.822+/-0.618 χ^2/NDF: 1409.0/21

reg_asym_sam4_diff_bpm4eX_slope vs Slug

Right In: -76.728+/-1.412 χ^2/NDF: 1042.0/16

Left Out: -107.152+/-1.283 χ^2/NDF:323.7/3

Right Out: -77.773+/-1.352 χ^2/NDF: 871.8/18

Left In: -121.642+/-1.265 χ^2/NDF:309.9/2

+ sign -93.394+/-0.950 χ^2/NDF: 1620.0/20

All: -97.384+/-0.662 χ^2/NDF: 3397.1/42

- sign -101.160+/-0.924 χ^2/NDF: 1742.8/21

reg_asym_sam4_diff_bpm4eY_slope vs Slug

Right In: 184.271+/-0.914 χ^2/NDF: 5401.0/16

Left Out: 201.416+/-1.112 χ^2/NDF:485.9/3

Right Out: 177.930+/-0.924 χ^2/NDF: 6330.9/18

Left In: 191.226+/-1.125 χ^2/NDF:265.4/2

+ sign 191.184+/-0.706 χ^2/NDF: 6028.9/20

All: 187.280+/-0.502 χ^2/NDF: 12770.5/42

- sign 183.286+/-0.714 χ^2/NDF: 6679.7/21

reg_asym_sam4_diff_bpm12X_slope vs Slug

Right In: -1.196+/-0.048 χ^2/NDF: 623.1/16

Left Out: -0.262+/-0.053 χ^2/NDF:38.5/3

Right Out: -1.385+/-0.046 χ^2/NDF: 924.4/18

Left In: -0.243+/-0.051 χ^2/NDF:22.1/2

+ sign -0.774+/-0.036 χ^2/NDF: 832.2/20

All: -0.825+/-0.025 χ^2/NDF: 2062.5/42

- sign -0.871+/-0.034 χ^2/NDF: 1226.4/21

reg_asym_sam5_diff_bpm1X_slope vs Slug

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

Left Out: -8.391+/-0.528 χ^2/NDF:64.7/3

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

Left In: -2.800+/-0.522 χ^2/NDF:11.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -5.564+/-0.371 χ^2/NDF: 132.6/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam5_diff_bpm4aY_slope vs Slug

Right In: 60.554+/-0.262 χ^2/NDF: 930.8/16

Left Out: 61.659+/-0.432 χ^2/NDF:245.7/3

Right Out: 59.477+/-0.248 χ^2/NDF: 1317.0/18

Left In: 59.922+/-0.486 χ^2/NDF:508.4/2

+ sign 60.850+/-0.224 χ^2/NDF: 1181.2/20

All: 60.201+/-0.157 χ^2/NDF: 3023.9/42

- sign 59.569+/-0.221 χ^2/NDF: 1826.1/21

reg_asym_sam5_diff_bpm4eX_slope vs Slug

Right In: 1.914+/-0.458 χ^2/NDF: 121.6/16

Left Out: 11.540+/-0.566 χ^2/NDF:42.9/3

Right Out: 0.960+/-0.424 χ^2/NDF: 149.5/18

Left In: 5.045+/-0.560 χ^2/NDF:24.3/2

+ sign 5.718+/-0.356 χ^2/NDF: 339.3/20

All: 3.999+/-0.245 χ^2/NDF: 591.1/42

- sign 2.448+/-0.338 χ^2/NDF: 207.5/21

reg_asym_sam5_diff_bpm4eY_slope vs Slug

Right In: 45.344+/-0.303 χ^2/NDF: 25071.0/16

Left Out: 88.460+/-0.513 χ^2/NDF:248.8/3

Right Out: 46.007+/-0.289 χ^2/NDF: 28219.9/18

Left In: 88.075+/-0.560 χ^2/NDF:286.8/2

+ sign 56.504+/-0.261 χ^2/NDF: 30553.0/20

All: 55.675+/-0.183 χ^2/NDF: 63529.7/42

- sign 54.871+/-0.257 χ^2/NDF: 32956.8/21

reg_asym_sam5_diff_bpm12X_slope vs Slug

Right In: 0.201+/-0.014 χ^2/NDF: 217.8/16

Left Out: -0.115+/-0.023 χ^2/NDF:14.1/3

Right Out: 0.117+/-0.013 χ^2/NDF: 500.1/18

Left In: -0.055+/-0.022 χ^2/NDF:38.8/2

+ sign 0.116+/-0.012 χ^2/NDF: 368.2/20

All: 0.092+/-0.008 χ^2/NDF: 960.9/42

- sign 0.072+/-0.011 χ^2/NDF: 585.4/21

reg_asym_sam6_diff_bpm1X_slope vs Slug

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

Left Out: 25.891+/-0.502 χ^2/NDF:0.6/3

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

Left In: 24.582+/-0.561 χ^2/NDF:7.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 25.309+/-0.374 χ^2/NDF: 10.8/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam6_diff_bpm4aY_slope vs Slug

Right In: 52.981+/-0.210 χ^2/NDF: 1197.8/16

Left Out: 49.260+/-0.408 χ^2/NDF:81.0/3

Right Out: 53.328+/-0.227 χ^2/NDF: 872.7/18

Left In: 50.121+/-0.499 χ^2/NDF:729.0/2

+ sign 52.202+/-0.187 χ^2/NDF: 1344.4/20

All: 52.462+/-0.139 χ^2/NDF: 2984.6/42

- sign 52.779+/-0.206 χ^2/NDF: 1635.9/21

reg_asym_sam6_diff_bpm4eX_slope vs Slug

Right In: -2.361+/-0.364 χ^2/NDF: 840.8/16

Left Out: 38.275+/-0.538 χ^2/NDF:14.1/3

Right Out: -1.035+/-0.377 χ^2/NDF: 507.7/18

Left In: 42.858+/-0.602 χ^2/NDF:52.0/2

+ sign 10.378+/-0.301 χ^2/NDF: 4765.7/20

All: 10.830+/-0.219 χ^2/NDF: 9153.3/42

- sign 11.339+/-0.319 χ^2/NDF: 4382.9/21

reg_asym_sam6_diff_bpm4eY_slope vs Slug

Right In: 0.541+/-0.247 χ^2/NDF: 18423.8/16

Left Out: 60.445+/-0.485 χ^2/NDF:189.3/3

Right Out: 1.990+/-0.267 χ^2/NDF: 15476.7/18

Left In: 61.724+/-0.580 χ^2/NDF:832.5/2

+ sign 12.839+/-0.220 χ^2/NDF: 30716.9/20

All: 12.638+/-0.163 χ^2/NDF: 55777.0/42

- sign 12.393+/-0.242 χ^2/NDF: 25058.3/21

reg_asym_sam6_diff_bpm12X_slope vs Slug

Right In: 0.105+/-0.011 χ^2/NDF: 400.7/16

Left Out: -0.214+/-0.022 χ^2/NDF:0.9/3

Right Out: 0.088+/-0.011 χ^2/NDF: 391.0/18

Left In: -0.250+/-0.023 χ^2/NDF:31.5/2

+ sign 0.041+/-0.010 χ^2/NDF: 569.2/20

All: 0.033+/-0.007 χ^2/NDF: 1165.6/42

- sign 0.026+/-0.010 χ^2/NDF: 595.2/21

reg_asym_sam7_diff_bpm1X_slope vs Slug

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

Left Out: 12.020+/-0.176 χ^2/NDF:272.8/3

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

Left In: 17.198+/-0.182 χ^2/NDF:180.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 14.521+/-0.127 χ^2/NDF: 871.1/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam7_diff_bpm4aY_slope vs Slug

Right In: 10.224+/-0.119 χ^2/NDF: 877.6/16

Left Out: 14.242+/-0.136 χ^2/NDF:256.7/3

Right Out: 11.104+/-0.116 χ^2/NDF: 817.2/18

Left In: 13.228+/-0.146 χ^2/NDF:349.3/2

+ sign 11.959+/-0.090 χ^2/NDF: 1627.3/20

All: 11.944+/-0.064 χ^2/NDF: 2923.2/42

- sign 11.929+/-0.091 χ^2/NDF: 1295.8/21

reg_asym_sam7_diff_bpm4eX_slope vs Slug

Right In: -72.201+/-0.198 χ^2/NDF: 5566.9/16

Left Out: -50.551+/-0.189 χ^2/NDF:542.0/3

Right Out: -76.003+/-0.181 χ^2/NDF: 3465.4/18

Left In: -52.989+/-0.195 χ^2/NDF:514.1/2

+ sign -60.871+/-0.136 χ^2/NDF: 12385.2/20

All: -63.182+/-0.095 χ^2/NDF: 24399.7/42

- sign -65.367+/-0.133 χ^2/NDF: 11456.7/21

reg_asym_sam7_diff_bpm4eY_slope vs Slug

Right In: -16.072+/-0.132 χ^2/NDF: 1640.9/16

Left Out: -21.199+/-0.164 χ^2/NDF:445.2/3

Right Out: -16.799+/-0.128 χ^2/NDF: 1215.8/18

Left In: -20.632+/-0.172 χ^2/NDF:252.3/2

+ sign -18.096+/-0.103 χ^2/NDF: 2680.5/20

All: -18.130+/-0.073 χ^2/NDF: 4467.3/42

- sign -18.164+/-0.103 χ^2/NDF: 1786.6/21

reg_asym_sam7_diff_bpm12X_slope vs Slug

Right In: -0.198+/-0.008 χ^2/NDF: 6338.8/16

Left Out: 0.407+/-0.008 χ^2/NDF:44.5/3

Right Out: -0.237+/-0.007 χ^2/NDF: 6221.9/18

Left In: 0.397+/-0.008 χ^2/NDF:31.6/2

+ sign 0.095+/-0.005 χ^2/NDF: 9498.5/20

All: 0.073+/-0.004 χ^2/NDF: 19355.3/42

- sign 0.053+/-0.005 χ^2/NDF: 9826.8/21

reg_asym_sam8_diff_bpm1X_slope vs Slug

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

Left Out: 1.988+/-0.134 χ^2/NDF:1708.3/3

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

Left In: 6.739+/-0.149 χ^2/NDF:264.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4.106+/-0.100 χ^2/NDF: 2533.1/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam8_diff_bpm4aY_slope vs Slug

Right In: -42.179+/-0.078 χ^2/NDF: 6573.8/16

Left Out: -35.678+/-0.103 χ^2/NDF:2882.1/3

Right Out: -40.052+/-0.073 χ^2/NDF: 11313.5/18

Left In: -36.149+/-0.119 χ^2/NDF:4794.2/2

+ sign -39.806+/-0.062 χ^2/NDF: 12006.8/20

All: -39.401+/-0.044 χ^2/NDF: 28980.3/42

- sign -38.993+/-0.062 χ^2/NDF: 16887.8/21

reg_asym_sam8_diff_bpm4eX_slope vs Slug

Right In: -48.743+/-0.124 χ^2/NDF: 14658.5/16

Left Out: -29.549+/-0.143 χ^2/NDF:898.6/3

Right Out: -48.091+/-0.107 χ^2/NDF: 11731.5/18

Left In: -35.636+/-0.160 χ^2/NDF:546.1/2

+ sign -40.505+/-0.094 χ^2/NDF: 25770.4/20

All: -42.468+/-0.065 χ^2/NDF: 43058.1/42

- sign -44.231+/-0.089 χ^2/NDF: 16459.9/21

reg_asym_sam8_diff_bpm4eY_slope vs Slug

Right In: 43.782+/-0.087 χ^2/NDF: 10638.7/16

Left Out: 36.705+/-0.123 χ^2/NDF:2132.9/3

Right Out: 40.530+/-0.080 χ^2/NDF: 17580.7/18

Left In: 38.529+/-0.141 χ^2/NDF:3343.6/2

+ sign 41.433+/-0.071 χ^2/NDF: 14986.6/20

All: 40.726+/-0.050 χ^2/NDF: 36260.2/42

- sign 40.040+/-0.070 χ^2/NDF: 21076.9/21

reg_asym_sam8_diff_bpm12X_slope vs Slug

Right In: -0.178+/-0.005 χ^2/NDF: 7375.8/16

Left Out: 0.281+/-0.006 χ^2/NDF:335.1/3

Right Out: -0.219+/-0.004 χ^2/NDF: 7470.0/18

Left In: 0.242+/-0.006 χ^2/NDF:97.5/2

+ sign 0.007+/-0.004 χ^2/NDF: 11324.1/20

All: -0.036+/-0.003 χ^2/NDF: 22722.7/42

- sign -0.075+/-0.004 χ^2/NDF: 11148.7/21

reg_asym_usl_diff_bpm1X_slope vs Slug

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

Left Out: -85.651+/-1.203 χ^2/NDF:69.4/2

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

Left In: -95.053+/-1.191 χ^2/NDF:99.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -90.400+/-0.847 χ^2/NDF: 199.5/5

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usl_diff_bpm4aY_slope vs Slug

Right In: 7.063+/-0.434 χ^2/NDF: 446.9/15

Left Out: 2.474+/-1.014 χ^2/NDF:5.2/2

Right Out: 8.816+/-0.449 χ^2/NDF: 350.4/17

Left In: -0.156+/-1.043 χ^2/NDF:6.2/2

+ sign 6.354+/-0.399 χ^2/NDF: 469.4/18

All: 6.865+/-0.287 χ^2/NDF: 891.9/39

- sign 7.412+/-0.412 χ^2/NDF: 419.1/20

reg_asym_usl_diff_bpm4eX_slope vs Slug

Right In: 58.913+/-0.831 χ^2/NDF: 1496.7/15

Left Out: 36.447+/-1.292 χ^2/NDF:87.6/2

Right Out: 64.803+/-0.840 χ^2/NDF: 1718.2/17

Left In: 47.699+/-1.278 χ^2/NDF:113.2/2

+ sign 52.336+/-0.699 χ^2/NDF: 1798.1/18

All: 55.973+/-0.495 χ^2/NDF: 3808.8/39

- sign 59.640+/-0.702 χ^2/NDF: 1956.5/20

reg_asym_usl_diff_bpm4eY_slope vs Slug

Right In: 9.583+/-0.501 χ^2/NDF: 554.4/15

Left Out: 24.183+/-1.203 χ^2/NDF:5.8/2

Right Out: 7.516+/-0.516 χ^2/NDF: 569.8/17

Left In: 30.223+/-1.216 χ^2/NDF:26.1/2

+ sign 11.743+/-0.463 χ^2/NDF: 685.8/18

All: 11.371+/-0.331 χ^2/NDF: 1578.8/39

- sign 10.979+/-0.475 χ^2/NDF: 891.6/20

reg_asym_usl_diff_bpm12X_slope vs Slug

Right In: -39.777+/-0.031 χ^2/NDF: 26158.0/15

Left Out: -51.394+/-0.053 χ^2/NDF:18446.1/2

Right Out: -41.651+/-0.031 χ^2/NDF: 94457.5/17

Left In: -53.575+/-0.049 χ^2/NDF:38804.2/2

+ sign -42.733+/-0.027 χ^2/NDF: 80187.4/18

All: -43.906+/-0.019 χ^2/NDF: 258764.8/39

- sign -45.041+/-0.026 χ^2/NDF: 174815.2/20

reg_asym_usr_diff_bpm1X_slope vs Slug

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

Left Out: -60.582+/-1.046 χ^2/NDF:190.1/3

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

Left In: -78.296+/-1.146 χ^2/NDF:100.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -68.629+/-0.773 χ^2/NDF: 420.5/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usr_diff_bpm4aY_slope vs Slug

Right In: 4.894+/-0.621 χ^2/NDF: 295.4/16

Left Out: -3.642+/-0.829 χ^2/NDF:52.0/3

Right Out: 7.565+/-0.652 χ^2/NDF: 270.2/18

Left In: -2.504+/-0.977 χ^2/NDF:15.3/2

+ sign 1.824+/-0.497 χ^2/NDF: 415.3/20

All: 3.031+/-0.366 χ^2/NDF: 787.1/42

- sign 4.467+/-0.542 χ^2/NDF: 358.9/21

reg_asym_usr_diff_bpm4eX_slope vs Slug

Right In: 153.298+/-1.145 χ^2/NDF: 2266.8/16

Left Out: 127.366+/-1.121 χ^2/NDF:223.3/3

Right Out: 162.747+/-1.177 χ^2/NDF: 1708.7/18

Left In: 146.893+/-1.229 χ^2/NDF:89.1/2

+ sign 140.060+/-0.801 χ^2/NDF: 2752.0/20

All: 147.165+/-0.583 χ^2/NDF: 4803.9/42

- sign 155.164+/-0.850 χ^2/NDF: 1884.6/21

reg_asym_usr_diff_bpm4eY_slope vs Slug

Right In: 10.878+/-0.713 χ^2/NDF: 388.1/16

Left Out: 27.590+/-0.989 χ^2/NDF:41.5/3

Right Out: 7.014+/-0.748 χ^2/NDF: 424.5/18

Left In: 26.358+/-1.143 χ^2/NDF:39.2/2

+ sign 16.599+/-0.579 χ^2/NDF: 617.5/20

All: 14.855+/-0.425 χ^2/NDF: 1301.4/42

- sign 12.813+/-0.626 χ^2/NDF: 664.2/21

reg_asym_usr_diff_bpm12X_slope vs Slug

Right In: -41.265+/-0.038 χ^2/NDF: 12570.1/16

Left Out: -48.849+/-0.046 χ^2/NDF:6073.4/3

Right Out: -41.144+/-0.039 χ^2/NDF: 12218.7/18

Left In: -48.368+/-0.048 χ^2/NDF:9843.3/2

+ sign -44.382+/-0.030 χ^2/NDF: 34594.5/20

All: -44.181+/-0.021 χ^2/NDF: 70454.7/42

- sign -43.973+/-0.030 χ^2/NDF: 35766.1/21

reg_asym_dsl_diff_bpm1X_slope vs Slug

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

Left Out: -0.166+/-0.061 χ^2/NDF:3.4/2

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

Left In: -0.008+/-0.058 χ^2/NDF:0.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.083+/-0.042 χ^2/NDF: 7.0/5

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_dsl_diff_bpm4aY_slope vs Slug

Right In: 0.002+/-0.028 χ^2/NDF: 12.5/15

Left Out: -0.062+/-0.052 χ^2/NDF:2.3/2

Right Out: -0.051+/-0.029 χ^2/NDF: 25.8/17

Left In: -0.021+/-0.052 χ^2/NDF:10.1/2

+ sign -0.013+/-0.025 χ^2/NDF: 16.0/18

All: -0.028+/-0.018 χ^2/NDF: 52.9/39

- sign -0.044+/-0.026 χ^2/NDF: 36.1/20

reg_asym_dsl_diff_bpm4eX_slope vs Slug

Right In: 0.171+/-0.052 χ^2/NDF: 13.7/15

Left Out: 0.159+/-0.066 χ^2/NDF:3.2/2

Right Out: 0.239+/-0.054 χ^2/NDF: 21.8/17

Left In: 0.007+/-0.062 χ^2/NDF:0.0/2

+ sign 0.166+/-0.041 χ^2/NDF: 16.9/18

All: 0.153+/-0.029 χ^2/NDF: 46.9/39

- sign 0.140+/-0.041 χ^2/NDF: 29.8/20

reg_asym_dsl_diff_bpm4eY_slope vs Slug

Right In: -0.011+/-0.033 χ^2/NDF: 13.8/15

Left Out: 0.080+/-0.062 χ^2/NDF:1.8/2

Right Out: 0.059+/-0.034 χ^2/NDF: 20.6/17

Left In: 0.047+/-0.060 χ^2/NDF:9.7/2

+ sign 0.009+/-0.029 χ^2/NDF: 17.3/18

All: 0.032+/-0.021 χ^2/NDF: 48.8/39

- sign 0.056+/-0.030 χ^2/NDF: 30.3/20

reg_asym_dsl_diff_bpm12X_slope vs Slug

Right In: -0.012+/-0.002 χ^2/NDF: 12.9/15

Left Out: -0.006+/-0.003 χ^2/NDF:2.5/2

Right Out: -0.012+/-0.002 χ^2/NDF: 11891.5/17

Left In: -0.017+/-0.002 χ^2/NDF:0.6/2

+ sign -0.010+/-0.001 χ^2/NDF: 18.4/18

All: -0.012+/-0.001 χ^2/NDF: 11916.8/39

- sign -0.014+/-0.001 χ^2/NDF: 11894.9/20

reg_asym_dsr_diff_bpm1X_slope vs Slug

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

Left Out: 0.104+/-0.076 χ^2/NDF:2.6/3

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

Left In: -0.012+/-0.079 χ^2/NDF:0.4/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.048+/-0.055 χ^2/NDF: 4.1/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_dsr_diff_bpm4aY_slope vs Slug

Right In: -0.024+/-0.037 χ^2/NDF: 23.4/16

Left Out: -0.090+/-0.062 χ^2/NDF:4.0/3

Right Out: -0.128+/-0.039 χ^2/NDF: 17.6/18

Left In: -0.106+/-0.070 χ^2/NDF:0.2/2

+ sign -0.041+/-0.031 χ^2/NDF: 28.2/20

All: -0.079+/-0.023 χ^2/NDF: 49.2/42

- sign -0.123+/-0.034 χ^2/NDF: 17.9/21

reg_asym_dsr_diff_bpm4eX_slope vs Slug

Right In: -0.129+/-0.067 χ^2/NDF: 23.7/16

Left Out: -0.128+/-0.081 χ^2/NDF:2.7/3

Right Out: -0.172+/-0.071 χ^2/NDF: 15.0/18

Left In: -0.002+/-0.085 χ^2/NDF:0.2/2

+ sign -0.129+/-0.052 χ^2/NDF: 26.4/20

All: -0.116+/-0.038 χ^2/NDF: 44.1/42

- sign -0.102+/-0.055 χ^2/NDF: 17.6/21

reg_asym_dsr_diff_bpm4eY_slope vs Slug

Right In: 0.021+/-0.042 χ^2/NDF: 22.5/16

Left Out: 0.092+/-0.073 χ^2/NDF:2.1/3

Right Out: 0.152+/-0.045 χ^2/NDF: 16.2/18

Left In: 0.132+/-0.081 χ^2/NDF:0.1/2

+ sign 0.039+/-0.037 χ^2/NDF: 25.4/20

All: 0.089+/-0.027 χ^2/NDF: 45.8/42

- sign 0.147+/-0.040 χ^2/NDF: 16.4/21

reg_asym_dsr_diff_bpm12X_slope vs Slug

Right In: 0.001+/-0.002 χ^2/NDF: 32.4/16

Left Out: 0.009+/-0.003 χ^2/NDF:3.2/3

Right Out: 0.001+/-0.002 χ^2/NDF: 10449.1/18

Left In: 0.011+/-0.003 χ^2/NDF:2.0/2

+ sign 0.004+/-0.002 χ^2/NDF: 39.2/20

All: 0.004+/-0.001 χ^2/NDF: 10496.8/42

- sign 0.004+/-0.002 χ^2/NDF: 10457.5/21

reg_asym_us_avg_diff_bpm1X_slope vs Slug

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

Left Out: -70.180+/-1.032 χ^2/NDF:88.6/2

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

Left In: -86.593+/-1.026 χ^2/NDF:80.9/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -78.441+/-0.728 χ^2/NDF: 296.6/5

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_avg_diff_bpm4aY_slope vs Slug

Right In: 5.589+/-0.424 χ^2/NDF: 462.8/15

Left Out: -1.816+/-0.861 χ^2/NDF:17.7/2

Right Out: 8.142+/-0.454 χ^2/NDF: 407.7/17

Left In: -1.265+/-0.888 χ^2/NDF:13.3/2

+ sign 4.146+/-0.380 χ^2/NDF: 540.0/18

All: 5.108+/-0.277 χ^2/NDF: 1063.7/39

- sign 6.195+/-0.404 χ^2/NDF: 510.0/20

reg_asym_us_avg_diff_bpm4eX_slope vs Slug

Right In: 101.631+/-0.807 χ^2/NDF: 2978.9/15

Left Out: 78.500+/-1.108 χ^2/NDF:109.7/2

Right Out: 110.756+/-0.836 χ^2/NDF: 2513.0/17

Left In: 97.177+/-1.100 χ^2/NDF:81.8/2

+ sign 93.616+/-0.652 χ^2/NDF: 3373.3/18

All: 99.576+/-0.466 χ^2/NDF: 6235.0/39

- sign 105.782+/-0.666 χ^2/NDF: 2691.4/20

reg_asym_us_avg_diff_bpm4eY_slope vs Slug

Right In: 10.508+/-0.492 χ^2/NDF: 581.5/15

Left Out: 27.202+/-1.024 χ^2/NDF:8.5/2

Right Out: 7.477+/-0.524 χ^2/NDF: 689.3/17

Left In: 28.147+/-1.037 χ^2/NDF:43.1/2

+ sign 13.641+/-0.443 χ^2/NDF: 806.0/18

All: 12.713+/-0.322 χ^2/NDF: 1864.1/39

- sign 11.680+/-0.468 χ^2/NDF: 1048.8/20

reg_asym_us_avg_diff_bpm12X_slope vs Slug

Right In: -40.080+/-0.028 χ^2/NDF: 25123.9/15

Left Out: -49.483+/-0.046 χ^2/NDF:11383.6/2

Right Out: -41.609+/-0.029 χ^2/NDF: 61784.6/17

Left In: -50.949+/-0.043 χ^2/NDF:28360.8/2

+ sign -42.664+/-0.024 χ^2/NDF: 67073.7/18

All: -43.587+/-0.017 χ^2/NDF: 193106.3/39

- sign -44.491+/-0.024 χ^2/NDF: 123107.0/20

reg_asym_us_dd_diff_bpm1X_slope vs Slug

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

Left Out: -15.566+/-0.589 χ^2/NDF:21.5/2

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

Left In: -9.579+/-0.560 χ^2/NDF:151.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -12.422+/-0.406 χ^2/NDF: 226.9/5

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_dd_diff_bpm4aY_slope vs Slug

Right In: 0.965+/-0.338 χ^2/NDF: 42.9/15

Left Out: 4.357+/-0.493 χ^2/NDF:20.2/2

Right Out: 0.906+/-0.354 χ^2/NDF: 42.0/17

Left In: 1.355+/-0.480 χ^2/NDF:4.2/2

+ sign 2.050+/-0.279 χ^2/NDF: 95.3/18

All: 1.567+/-0.199 χ^2/NDF: 148.2/39

- sign 1.064+/-0.285 χ^2/NDF: 46.7/20

reg_asym_us_dd_diff_bpm4eX_slope vs Slug

Right In: -52.148+/-0.612 χ^2/NDF: 230.2/15

Left Out: -41.893+/-0.632 χ^2/NDF:23.4/2

Right Out: -52.346+/-0.616 χ^2/NDF: 235.7/17

Left In: -48.223+/-0.600 χ^2/NDF:154.3/2

+ sign -47.184+/-0.440 χ^2/NDF: 389.5/18

All: -48.742+/-0.307 χ^2/NDF: 827.1/39

- sign -50.231+/-0.430 χ^2/NDF: 413.0/20

reg_asym_us_dd_diff_bpm4eY_slope vs Slug

Right In: -0.596+/-0.384 χ^2/NDF: 82.6/15

Left Out: -3.019+/-0.584 χ^2/NDF:36.1/2

Right Out: 0.416+/-0.400 χ^2/NDF: 95.8/17

Left In: 1.921+/-0.560 χ^2/NDF:1.5/2

+ sign -1.326+/-0.321 χ^2/NDF: 130.7/18

All: -0.216+/-0.228 χ^2/NDF: 257.0/39

- sign 0.924+/-0.325 χ^2/NDF: 102.0/20

reg_asym_us_dd_diff_bpm12X_slope vs Slug

Right In: 0.128+/-0.021 χ^2/NDF: 5252.9/15

Left Out: -2.301+/-0.026 χ^2/NDF:8191.7/2

Right Out: -1.631+/-0.022 χ^2/NDF: 77878.6/17

Left In: -3.368+/-0.023 χ^2/NDF:12395.6/2

+ sign -0.861+/-0.017 χ^2/NDF: 18643.0/18

All: -1.675+/-0.011 χ^2/NDF: 116533.0/39

- sign -2.435+/-0.016 χ^2/NDF: 93210.5/20

reg_asym_ds_avg_diff_bpm1X_slope vs Slug

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

Left Out: -0.042+/-0.052 χ^2/NDF:5.1/2

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

Left In: -0.010+/-0.049 χ^2/NDF:0.4/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.025+/-0.036 χ^2/NDF: 5.7/5

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug

Right In: -0.013+/-0.023 χ^2/NDF: 12.2/15

Left Out: -0.103+/-0.045 χ^2/NDF:2.5/2

Right Out: -0.092+/-0.025 χ^2/NDF: 12.7/17

Left In: -0.063+/-0.043 χ^2/NDF:4.0/2

+ sign -0.032+/-0.021 χ^2/NDF: 17.9/18

All: -0.057+/-0.015 χ^2/NDF: 38.0/39

- sign -0.085+/-0.022 χ^2/NDF: 17.0/20

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug

Right In: 0.017+/-0.043 χ^2/NDF: 9.6/15

Left Out: 0.032+/-0.056 χ^2/NDF:4.8/2

Right Out: 0.030+/-0.045 χ^2/NDF: 9.2/17

Left In: 0.002+/-0.053 χ^2/NDF:0.2/2

+ sign 0.023+/-0.034 χ^2/NDF: 14.5/18

All: 0.020+/-0.024 χ^2/NDF: 24.1/39

- sign 0.018+/-0.034 χ^2/NDF: 9.6/20

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug

Right In: 0.007+/-0.027 χ^2/NDF: 12.1/15

Left Out: 0.110+/-0.053 χ^2/NDF:1.3/2

Right Out: 0.110+/-0.029 χ^2/NDF: 8.0/17

Left In: 0.088+/-0.050 χ^2/NDF:3.5/2

+ sign 0.028+/-0.024 χ^2/NDF: 16.5/18

All: 0.065+/-0.017 χ^2/NDF: 32.9/39

- sign 0.105+/-0.025 χ^2/NDF: 11.6/20

reg_asym_ds_avg_diff_bpm12X_slope vs Slug

Right In: -0.005+/-0.001 χ^2/NDF: 22.6/15

Left Out: 0.001+/-0.002 χ^2/NDF:4.0/2

Right Out: -0.006+/-0.001 χ^2/NDF: 26508.9/17

Left In: -0.003+/-0.002 χ^2/NDF:1.7/2

+ sign -0.004+/-0.001 χ^2/NDF: 32.8/18

All: -0.004+/-0.001 χ^2/NDF: 26545.4/39

- sign -0.005+/-0.001 χ^2/NDF: 26511.9/20

reg_asym_ds_dd_diff_bpm1X_slope vs Slug

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

Left Out: -0.126+/-0.052 χ^2/NDF:0.3/2

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

Left In: 0.004+/-0.049 χ^2/NDF:0.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.057+/-0.036 χ^2/NDF: 3.7/5

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug

Right In: 0.010+/-0.023 χ^2/NDF: 25.4/15

Left Out: 0.042+/-0.045 χ^2/NDF:1.8/2

Right Out: 0.040+/-0.025 χ^2/NDF: 27.9/17

Left In: 0.043+/-0.043 χ^2/NDF:3.4/2

+ sign 0.017+/-0.021 χ^2/NDF: 27.6/18

All: 0.029+/-0.015 χ^2/NDF: 59.6/39

- sign 0.041+/-0.022 χ^2/NDF: 31.3/20

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug

Right In: 0.152+/-0.043 χ^2/NDF: 28.7/15

Left Out: 0.129+/-0.056 χ^2/NDF:0.3/2

Right Out: 0.200+/-0.045 χ^2/NDF: 22.9/17

Left In: 0.003+/-0.053 χ^2/NDF:0.1/2

+ sign 0.143+/-0.034 χ^2/NDF: 29.1/18

All: 0.130+/-0.024 χ^2/NDF: 60.4/39

- sign 0.117+/-0.034 χ^2/NDF: 31.0/20

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug

Right In: -0.014+/-0.027 χ^2/NDF: 25.2/15

Left Out: -0.032+/-0.053 χ^2/NDF:1.2/2

Right Out: -0.050+/-0.029 χ^2/NDF: 25.7/17

Left In: -0.043+/-0.050 χ^2/NDF:3.5/2

+ sign -0.017+/-0.024 χ^2/NDF: 26.4/18

All: -0.032+/-0.017 χ^2/NDF: 56.4/39

- sign -0.048+/-0.025 χ^2/NDF: 29.2/20

reg_asym_ds_dd_diff_bpm12X_slope vs Slug

Right In: -0.006+/-0.001 χ^2/NDF: 29.0/15

Left Out: -0.008+/-0.002 χ^2/NDF:2.0/2

Right Out: -0.006+/-0.001 χ^2/NDF: 165.9/17

Left In: -0.014+/-0.002 χ^2/NDF:1.4/2

+ sign -0.006+/-0.001 χ^2/NDF: 31.3/18

All: -0.008+/-0.001 χ^2/NDF: 210.9/39

- sign -0.009+/-0.001 χ^2/NDF: 177.8/20

reg_asym_left_avg_diff_bpm1X_slope vs Slug

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

Left Out: -42.910+/-0.603 χ^2/NDF:70.4/2

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

Left In: -47.542+/-0.596 χ^2/NDF:98.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -45.250+/-0.424 χ^2/NDF: 198.9/5

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_left_avg_diff_bpm4aY_slope vs Slug

Right In: 3.530+/-0.217 χ^2/NDF: 446.6/15

Left Out: 1.203+/-0.508 χ^2/NDF:5.3/2

Right Out: 4.370+/-0.225 χ^2/NDF: 353.8/17

Left In: -0.096+/-0.522 χ^2/NDF:6.6/2

+ sign 3.169+/-0.200 χ^2/NDF: 469.6/18

All: 3.410+/-0.144 χ^2/NDF: 894.7/39

- sign 3.668+/-0.207 χ^2/NDF: 422.1/20

reg_asym_left_avg_diff_bpm4eX_slope vs Slug

Right In: 29.535+/-0.417 χ^2/NDF: 1494.9/15

Left Out: 18.305+/-0.647 χ^2/NDF:88.7/2

Right Out: 32.816+/-0.423 χ^2/NDF: 1659.3/17

Left In: 23.864+/-0.640 χ^2/NDF:112.8/2

+ sign 26.243+/-0.350 χ^2/NDF: 1796.4/18

All: 28.156+/-0.249 χ^2/NDF: 3764.8/39

- sign 30.095+/-0.353 χ^2/NDF: 1908.3/20

reg_asym_left_avg_diff_bpm4eY_slope vs Slug

Right In: 4.789+/-0.251 χ^2/NDF: 553.9/15

Left Out: 12.135+/-0.602 χ^2/NDF:5.6/2

Right Out: 3.809+/-0.259 χ^2/NDF: 567.6/17

Left In: 15.145+/-0.609 χ^2/NDF:25.2/2

+ sign 5.877+/-0.232 χ^2/NDF: 686.2/18

All: 5.716+/-0.166 χ^2/NDF: 1573.7/39

- sign 5.545+/-0.238 χ^2/NDF: 886.5/20

reg_asym_left_avg_diff_bpm12X_slope vs Slug

Right In: -19.895+/-0.016 χ^2/NDF: 26073.6/15

Left Out: -25.700+/-0.027 χ^2/NDF:18412.0/2

Right Out: -20.938+/-0.016 χ^2/NDF: 94065.2/17

Left In: -26.797+/-0.025 χ^2/NDF:38710.5/2

+ sign -21.374+/-0.013 χ^2/NDF: 79900.5/18

All: -22.004+/-0.009 χ^2/NDF: 256881.6/39

- sign -22.618+/-0.013 χ^2/NDF: 172642.8/20

reg_asym_left_dd_diff_bpm1X_slope vs Slug

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

Left Out: -42.742+/-0.602 χ^2/NDF:68.1/2

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

Left In: -47.519+/-0.596 χ^2/NDF:99.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -45.155+/-0.424 χ^2/NDF: 199.1/5

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_left_dd_diff_bpm4aY_slope vs Slug

Right In: 3.532+/-0.217 χ^2/NDF: 443.2/15

Left Out: 1.270+/-0.507 χ^2/NDF:5.2/2

Right Out: 4.303+/-0.222 χ^2/NDF: 352.8/17

Left In: -0.059+/-0.522 χ^2/NDF:5.9/2

+ sign 3.182+/-0.200 χ^2/NDF: 465.2/18

All: 3.405+/-0.143 χ^2/NDF: 885.6/39

- sign 3.637+/-0.204 χ^2/NDF: 417.9/20

reg_asym_left_dd_diff_bpm4eX_slope vs Slug

Right In: 29.367+/-0.416 χ^2/NDF: 1488.7/15

Left Out: 18.145+/-0.647 χ^2/NDF:86.1/2

Right Out: 29.719+/-0.402 χ^2/NDF: 2129.5/17

Left In: 23.843+/-0.640 χ^2/NDF:113.1/2

+ sign 26.078+/-0.350 χ^2/NDF: 1787.6/18

All: 27.092+/-0.244 χ^2/NDF: 4107.1/39

- sign 28.052+/-0.341 χ^2/NDF: 2303.1/20

reg_asym_left_dd_diff_bpm4eY_slope vs Slug

Right In: 4.794+/-0.251 χ^2/NDF: 550.0/15

Left Out: 12.049+/-0.602 χ^2/NDF:6.0/2

Right Out: 3.591+/-0.254 χ^2/NDF: 573.3/17

Left In: 15.078+/-0.608 χ^2/NDF:26.9/2

+ sign 5.869+/-0.232 χ^2/NDF: 679.7/18

All: 5.589+/-0.165 χ^2/NDF: 1586.4/39

- sign 5.302+/-0.235 χ^2/NDF: 903.7/20

reg_asym_left_dd_diff_bpm12X_slope vs Slug

Right In: -19.883+/-0.016 χ^2/NDF: 26063.5/15

Left Out: -25.694+/-0.027 χ^2/NDF:18388.1/2

Right Out: -18.390+/-0.015 χ^2/NDF: 301247.7/17

Left In: -26.780+/-0.025 χ^2/NDF:38717.6/2

+ sign -21.363+/-0.013 χ^2/NDF: 79981.0/18

All: -20.951+/-0.009 χ^2/NDF: 506479.8/39

- sign -20.584+/-0.013 χ^2/NDF: 424717.3/20

reg_asym_right_avg_diff_bpm1X_slope vs Slug

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

Left Out: -30.240+/-0.524 χ^2/NDF:190.3/3

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

Left In: -39.161+/-0.574 χ^2/NDF:98.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -34.294+/-0.387 χ^2/NDF: 420.8/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_right_avg_diff_bpm4aY_slope vs Slug

Right In: 2.444+/-0.311 χ^2/NDF: 295.3/16

Left Out: -1.861+/-0.415 χ^2/NDF:52.2/3

Right Out: 3.726+/-0.327 χ^2/NDF: 269.1/18

Left In: -1.304+/-0.490 χ^2/NDF:15.5/2

+ sign 0.897+/-0.249 χ^2/NDF: 416.3/20

All: 1.481+/-0.184 χ^2/NDF: 785.9/42

- sign 2.176+/-0.272 χ^2/NDF: 357.5/21

reg_asym_right_avg_diff_bpm4eX_slope vs Slug

Right In: 76.572+/-0.573 χ^2/NDF: 2253.6/16

Left Out: 63.622+/-0.562 χ^2/NDF:223.0/3

Right Out: 81.923+/-0.592 χ^2/NDF: 1570.6/18

Left In: 73.454+/-0.616 χ^2/NDF:88.0/2

+ sign 69.966+/-0.401 χ^2/NDF: 2736.9/20

All: 73.668+/-0.292 χ^2/NDF: 4675.2/42

- sign 77.855+/-0.427 χ^2/NDF: 1756.9/21

reg_asym_right_avg_diff_bpm4eY_slope vs Slug

Right In: 5.442+/-0.357 χ^2/NDF: 387.5/16

Left Out: 13.835+/-0.496 χ^2/NDF:41.6/3

Right Out: 3.585+/-0.375 χ^2/NDF: 423.2/18

Left In: 13.243+/-0.573 χ^2/NDF:39.3/2

+ sign 8.312+/-0.290 χ^2/NDF: 617.8/20

All: 7.471+/-0.213 χ^2/NDF: 1297.5/42

- sign 6.485+/-0.314 χ^2/NDF: 661.4/21

reg_asym_right_avg_diff_bpm12X_slope vs Slug

Right In: -20.630+/-0.019 χ^2/NDF: 12490.5/16

Left Out: -24.420+/-0.023 χ^2/NDF:6059.4/3

Right Out: -20.650+/-0.019 χ^2/NDF: 13885.7/18

Left In: -24.179+/-0.024 χ^2/NDF:9801.3/2

+ sign -22.186+/-0.015 χ^2/NDF: 34416.8/20

All: -22.114+/-0.011 χ^2/NDF: 71136.4/42

- sign -22.038+/-0.015 χ^2/NDF: 36670.7/21

reg_asym_right_dd_diff_bpm1X_slope vs Slug

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

Left Out: -30.345+/-0.524 χ^2/NDF:187.7/3

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

Left In: -39.147+/-0.575 χ^2/NDF:100.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -34.345+/-0.387 χ^2/NDF: 416.0/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_right_dd_diff_bpm4aY_slope vs Slug

Right In: 2.448+/-0.311 χ^2/NDF: 293.4/16

Left Out: -1.783+/-0.416 χ^2/NDF:51.3/3

Right Out: 3.611+/-0.318 χ^2/NDF: 279.4/18

Left In: -1.200+/-0.490 χ^2/NDF:14.9/2

+ sign 0.928+/-0.249 χ^2/NDF: 411.0/20

All: 1.513+/-0.182 χ^2/NDF: 785.0/42

- sign 2.184+/-0.267 χ^2/NDF: 362.1/21

reg_asym_right_dd_diff_bpm4eX_slope vs Slug

Right In: 76.687+/-0.574 χ^2/NDF: 2265.1/16

Left Out: 63.748+/-0.562 χ^2/NDF:221.0/3

Right Out: 70.386+/-0.550 χ^2/NDF: 4391.1/18

Left In: 73.452+/-0.616 χ^2/NDF:89.2/2

+ sign 70.087+/-0.402 χ^2/NDF: 2745.6/20

All: 70.898+/-0.287 χ^2/NDF: 7248.1/42

- sign 71.745+/-0.410 χ^2/NDF: 4494.1/21

reg_asym_right_dd_diff_bpm4eY_slope vs Slug

Right In: 5.439+/-0.357 χ^2/NDF: 385.9/16

Left Out: 13.759+/-0.496 χ^2/NDF:41.1/3

Right Out: 3.275+/-0.365 χ^2/NDF: 425.8/18

Left In: 13.114+/-0.573 χ^2/NDF:38.8/2

+ sign 8.284+/-0.290 χ^2/NDF: 612.2/20

All: 7.266+/-0.211 χ^2/NDF: 1312.4/42

- sign 6.117+/-0.308 χ^2/NDF: 674.0/21

reg_asym_right_dd_diff_bpm12X_slope vs Slug

Right In: -20.632+/-0.019 χ^2/NDF: 12530.8/16

Left Out: -24.428+/-0.023 χ^2/NDF:6028.0/3

Right Out: -17.591+/-0.018 χ^2/NDF: 178680.7/18

Left In: -24.189+/-0.024 χ^2/NDF:9793.5/2

+ sign -22.190+/-0.015 χ^2/NDF: 34464.2/20

All: -21.042+/-0.010 χ^2/NDF: 282656.0/42

- sign -19.951+/-0.014 χ^2/NDF: 236473.9/21

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug

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

Left Out: -7.777+/-0.185 χ^2/NDF:217.2/3

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

Left In: -4.311+/-0.185 χ^2/NDF:40.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -6.049+/-0.131 χ^2/NDF: 432.8/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug

Right In: -5.411+/-0.055 χ^2/NDF: 9261.2/16

Left Out: 2.686+/-0.148 χ^2/NDF:633.1/3

Right Out: -7.060+/-0.059 χ^2/NDF: 12329.4/18

Left In: 1.338+/-0.166 χ^2/NDF:992.4/2

+ sign -4.440+/-0.051 χ^2/NDF: 12518.3/20

All: -5.210+/-0.038 χ^2/NDF: 28612.1/42

- sign -6.112+/-0.056 χ^2/NDF: 15605.6/21

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug

Right In: 5.824+/-0.090 χ^2/NDF: 1452.6/16

Left Out: 4.677+/-0.198 χ^2/NDF:117.8/3

Right Out: 6.056+/-0.093 χ^2/NDF: 2668.9/18

Left In: -0.742+/-0.199 χ^2/NDF:98.6/2

+ sign 5.629+/-0.082 χ^2/NDF: 1598.2/20

All: 5.243+/-0.059 χ^2/NDF: 5369.4/42

- sign 4.830+/-0.084 χ^2/NDF: 3724.9/21

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug

Right In: 6.432+/-0.065 χ^2/NDF: 123486.3/16

Left Out: 51.665+/-0.177 χ^2/NDF:530.3/3

Right Out: 10.060+/-0.070 χ^2/NDF: 121816.0/18

Left In: 51.499+/-0.192 χ^2/NDF:566.2/2

+ sign 11.778+/-0.061 χ^2/NDF: 181783.3/20

All: 13.212+/-0.045 χ^2/NDF: 346439.8/42

- sign 14.881+/-0.066 χ^2/NDF: 163451.5/21

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug

Right In: 0.215+/-0.003 χ^2/NDF: 3930.1/16

Left Out: 0.162+/-0.008 χ^2/NDF:63.3/3

Right Out: 0.186+/-0.003 χ^2/NDF: 2720.3/18

Left In: 0.179+/-0.008 χ^2/NDF:21.8/2

+ sign 0.210+/-0.003 χ^2/NDF: 4030.9/20

All: 0.197+/-0.002 χ^2/NDF: 6818.5/42

- sign 0.185+/-0.003 χ^2/NDF: 2742.9/21

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug

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

Left Out: 0.551+/-0.346 χ^2/NDF:24.6/3

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

Left In: -1.418+/-0.344 χ^2/NDF:3.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.441+/-0.244 χ^2/NDF: 44.1/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug

Right In: -59.914+/-0.223 χ^2/NDF: 1979.5/16

Left Out: -58.762+/-0.287 χ^2/NDF:101.1/3

Right Out: -59.468+/-0.212 χ^2/NDF: 2912.7/18

Left In: -58.316+/-0.325 χ^2/NDF:276.0/2

+ sign -59.481+/-0.176 χ^2/NDF: 2090.6/20

All: -59.303+/-0.125 χ^2/NDF: 5290.2/42

- sign -59.123+/-0.178 χ^2/NDF: 3197.5/21

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug

Right In: 2.188+/-0.404 χ^2/NDF: 39.1/16

Left Out: -6.844+/-0.371 χ^2/NDF:20.9/3

Right Out: 2.733+/-0.388 χ^2/NDF: 58.9/18

Left In: -5.810+/-0.369 χ^2/NDF:16.0/2

+ sign -2.707+/-0.273 χ^2/NDF: 330.8/20

All: -2.218+/-0.191 χ^2/NDF: 666.9/42

- sign -1.752+/-0.267 χ^2/NDF: 329.9/21

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug

Right In: -32.817+/-0.254 χ^2/NDF: 4666.6/16

Left Out: -37.002+/-0.340 χ^2/NDF:138.3/3

Right Out: -32.501+/-0.244 χ^2/NDF: 6037.9/18

Left In: -36.707+/-0.373 χ^2/NDF:164.9/2

+ sign -34.317+/-0.203 χ^2/NDF: 4902.2/20

All: -34.039+/-0.144 χ^2/NDF: 11197.6/42

- sign -33.759+/-0.204 χ^2/NDF: 6291.7/21

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug

Right In: 0.090+/-0.013 χ^2/NDF: 79.2/16

Left Out: 0.272+/-0.015 χ^2/NDF:2.8/3

Right Out: 0.058+/-0.012 χ^2/NDF: 87.3/18

Left In: 0.232+/-0.014 χ^2/NDF:54.9/2

+ sign 0.166+/-0.010 χ^2/NDF: 166.2/20

All: 0.148+/-0.007 χ^2/NDF: 401.5/42

- sign 0.132+/-0.009 χ^2/NDF: 229.0/21

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug

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

Left Out: -19.416+/-0.376 χ^2/NDF:215.9/3

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

Left In: -8.010+/-0.344 χ^2/NDF:100.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -13.203+/-0.254 χ^2/NDF: 817.1/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug

Right In: 3.725+/-0.308 χ^2/NDF: 136.8/16

Left Out: 7.003+/-0.287 χ^2/NDF:163.0/3

Right Out: 3.885+/-0.316 χ^2/NDF: 134.4/18

Left In: 4.990+/-0.266 χ^2/NDF:25.9/2

+ sign 5.483+/-0.210 χ^2/NDF: 360.4/20

All: 4.992+/-0.146 χ^2/NDF: 538.3/42

- sign 4.532+/-0.204 χ^2/NDF: 167.4/21

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug

Right In: -56.379+/-0.542 χ^2/NDF: 587.4/16

Left Out: -63.277+/-0.403 χ^2/NDF:305.2/3

Right Out: -57.258+/-0.536 χ^2/NDF: 476.1/18

Left In: -59.392+/-0.368 χ^2/NDF:904.7/2

+ sign -60.824+/-0.323 χ^2/NDF: 997.0/20

All: -59.699+/-0.221 χ^2/NDF: 2411.3/42

- sign -58.707+/-0.304 χ^2/NDF: 1391.5/21

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug

Right In: 2.473+/-0.345 χ^2/NDF: 243.6/16

Left Out: -0.335+/-0.345 χ^2/NDF:187.0/3

Right Out: 1.928+/-0.355 χ^2/NDF: 266.6/18

Left In: 2.027+/-0.315 χ^2/NDF:14.8/2

+ sign 1.066+/-0.244 χ^2/NDF: 463.7/20

All: 1.541+/-0.170 χ^2/NDF: 752.4/42

- sign 1.983+/-0.236 χ^2/NDF: 281.5/21

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug

Right In: -0.235+/-0.019 χ^2/NDF: 958.4/16

Left Out: 0.374+/-0.017 χ^2/NDF:15.7/3

Right Out: -0.391+/-0.019 χ^2/NDF: 853.3/18

Left In: 0.345+/-0.015 χ^2/NDF:0.1/2

+ sign 0.107+/-0.012 χ^2/NDF: 1558.0/20

All: 0.083+/-0.009 χ^2/NDF: 3345.3/42

- sign 0.062+/-0.012 χ^2/NDF: 1780.4/21

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug

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

Left Out: -31.492+/-0.211 χ^2/NDF:160.4/3

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

Left In: -24.546+/-0.174 χ^2/NDF:280.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -27.361+/-0.134 χ^2/NDF: 1085.2/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug

Right In: -7.646+/-0.186 χ^2/NDF: 393.6/16

Left Out: -7.166+/-0.160 χ^2/NDF:95.1/3

Right Out: -7.992+/-0.186 χ^2/NDF: 225.5/18

Left In: -7.708+/-0.133 χ^2/NDF:54.5/2

+ sign -7.370+/-0.121 χ^2/NDF: 492.6/20

All: -7.612+/-0.081 χ^2/NDF: 781.2/42

- sign -7.805+/-0.108 χ^2/NDF: 281.5/21

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug

Right In: 10.077+/-0.337 χ^2/NDF: 252.8/16

Left Out: -12.562+/-0.226 χ^2/NDF:169.9/3

Right Out: 12.620+/-0.332 χ^2/NDF: 220.0/18

Left In: -5.614+/-0.187 χ^2/NDF:1423.8/2

+ sign -5.539+/-0.188 χ^2/NDF: 3539.8/20

All: -3.088+/-0.123 χ^2/NDF: 7770.0/42

- sign -1.242+/-0.163 χ^2/NDF: 3930.9/21

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug

Right In: 20.965+/-0.209 χ^2/NDF: 1225.5/16

Left Out: 20.699+/-0.192 χ^2/NDF:55.8/3

Right Out: 20.716+/-0.213 χ^2/NDF: 729.9/18

Left In: 22.017+/-0.157 χ^2/NDF:60.1/2

+ sign 20.821+/-0.142 χ^2/NDF: 1282.1/20

All: 21.230+/-0.094 χ^2/NDF: 2111.3/42

- sign 21.557+/-0.126 χ^2/NDF: 814.2/21

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug

Right In: -0.172+/-0.011 χ^2/NDF: 464.2/16

Left Out: -0.036+/-0.009 χ^2/NDF:8.8/3

Right Out: -0.222+/-0.011 χ^2/NDF: 536.1/18

Left In: -0.074+/-0.008 χ^2/NDF:40.8/2

+ sign -0.092+/-0.007 χ^2/NDF: 559.2/20

All: -0.109+/-0.005 χ^2/NDF: 1269.9/42

- sign -0.122+/-0.006 χ^2/NDF: 700.5/21

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug

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

Left Out: -15.761+/-0.350 χ^2/NDF:52.4/3

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

Left In: -7.766+/-0.313 χ^2/NDF:112.9/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -11.314+/-0.233 χ^2/NDF: 455.0/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug

Right In: 7.736+/-0.403 χ^2/NDF: 1358.4/16

Left Out: 6.108+/-0.270 χ^2/NDF:18.5/3

Right Out: 6.040+/-0.434 χ^2/NDF: 1512.1/18

Left In: 4.253+/-0.243 χ^2/NDF:605.9/2

+ sign 6.613+/-0.224 χ^2/NDF: 1388.2/20

All: 5.593+/-0.154 χ^2/NDF: 3558.3/42

- sign 4.680+/-0.212 χ^2/NDF: 2130.9/21

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug

Right In: -50.966+/-0.738 χ^2/NDF: 332.7/16

Left Out: -54.319+/-0.375 χ^2/NDF:42.5/3

Right Out: -49.497+/-0.797 χ^2/NDF: 510.4/18

Left In: -46.332+/-0.335 χ^2/NDF:1258.6/2

+ sign -53.630+/-0.334 χ^2/NDF: 391.5/20

All: -49.952+/-0.227 χ^2/NDF: 2398.2/42

- sign -46.808+/-0.309 χ^2/NDF: 1782.4/21

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug

Right In: -63.656+/-0.445 χ^2/NDF: 2014.7/16

Left Out: -42.221+/-0.324 χ^2/NDF:12.1/3

Right Out: -64.470+/-0.483 χ^2/NDF: 1606.8/18

Left In: -29.380+/-0.287 χ^2/NDF:775.9/2

+ sign -49.646+/-0.262 χ^2/NDF: 3540.9/20

All: -43.780+/-0.180 χ^2/NDF: 10772.5/42

- sign -38.572+/-0.247 χ^2/NDF: 6286.2/21

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug

Right In: 0.149+/-0.024 χ^2/NDF: 989.9/16

Left Out: 0.644+/-0.016 χ^2/NDF:2.3/3

Right Out: -0.054+/-0.026 χ^2/NDF: 1167.9/18

Left In: 0.598+/-0.014 χ^2/NDF:47.1/2

+ sign 0.498+/-0.013 χ^2/NDF: 1293.3/20

All: 0.477+/-0.009 χ^2/NDF: 3000.0/42

- sign 0.459+/-0.012 χ^2/NDF: 1701.8/21

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug

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

Left Out: -41.661+/-0.826 χ^2/NDF:10.0/3

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

Left In: -33.679+/-0.897 χ^2/NDF:32.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -37.998+/-0.607 χ^2/NDF: 85.2/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug

Right In: -46.300+/-0.723 χ^2/NDF: 1084.0/16

Left Out: -42.803+/-0.655 χ^2/NDF:45.3/3

Right Out: -49.008+/-0.764 χ^2/NDF: 1271.7/18

Left In: -45.107+/-0.757 χ^2/NDF:726.2/2

+ sign -44.381+/-0.486 χ^2/NDF: 1142.2/20

All: -45.576+/-0.360 χ^2/NDF: 3166.7/42

- sign -47.041+/-0.538 χ^2/NDF: 2011.0/21

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug

Right In: -62.242+/-1.310 χ^2/NDF: 67.4/16

Left Out: -93.083+/-0.885 χ^2/NDF:20.9/3

Right Out: -61.142+/-1.379 χ^2/NDF: 165.6/18

Left In: -98.177+/-0.961 χ^2/NDF:44.9/2

+ sign -83.419+/-0.733 χ^2/NDF: 468.8/20

All: -84.649+/-0.537 χ^2/NDF: 1170.5/42

- sign -86.072+/-0.789 χ^2/NDF: 695.7/21

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug

Right In: -107.066+/-0.811 χ^2/NDF: 828.4/16

Left Out: -103.403+/-0.783 χ^2/NDF:72.9/3

Right Out: -104.269+/-0.861 χ^2/NDF: 1018.6/18

Left In: -98.908+/-0.887 χ^2/NDF:559.1/2

+ sign -105.169+/-0.563 χ^2/NDF: 911.8/20

All: -103.580+/-0.416 χ^2/NDF: 2525.9/42

- sign -101.669+/-0.618 χ^2/NDF: 1596.6/21

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug

Right In: -0.081+/-0.042 χ^2/NDF: 329.0/16

Left Out: 0.862+/-0.036 χ^2/NDF:1.6/3

Right Out: -0.376+/-0.044 χ^2/NDF: 583.0/18

Left In: 0.902+/-0.038 χ^2/NDF:21.4/2

+ sign 0.459+/-0.028 χ^2/NDF: 617.2/20

All: 0.410+/-0.020 χ^2/NDF: 1714.4/42

- sign 0.358+/-0.029 χ^2/NDF: 1090.8/21

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug

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

Left Out: -43.623+/-0.642 χ^2/NDF:471.4/3

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

Left In: -25.588+/-0.642 χ^2/NDF:75.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -34.608+/-0.454 χ^2/NDF: 941.0/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug

Right In: -7.812+/-0.427 χ^2/NDF: 982.8/16

Left Out: 0.730+/-0.494 χ^2/NDF:659.0/3

Right Out: -5.908+/-0.429 χ^2/NDF: 1293.1/18

Left In: -3.091+/-0.514 χ^2/NDF:661.5/2

+ sign -4.153+/-0.323 χ^2/NDF: 1812.9/20

All: -4.447+/-0.231 χ^2/NDF: 3786.9/42

- sign -4.751+/-0.329 χ^2/NDF: 1972.3/21

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug

Right In: -59.214+/-0.744 χ^2/NDF: 1720.4/16

Left Out: -68.510+/-0.687 χ^2/NDF:396.9/3

Right Out: -60.513+/-0.704 χ^2/NDF: 1383.9/18

Left In: -78.589+/-0.688 χ^2/NDF:341.4/2

+ sign -64.230+/-0.505 χ^2/NDF: 2201.6/20

All: -67.068+/-0.352 χ^2/NDF: 4325.9/42

- sign -69.766+/-0.492 χ^2/NDF: 2062.6/21

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug

Right In: 111.599+/-0.487 χ^2/NDF: 5959.5/16

Left Out: 119.388+/-0.592 χ^2/NDF:607.1/3

Right Out: 107.238+/-0.488 χ^2/NDF: 7037.4/18

Left In: 115.115+/-0.606 χ^2/NDF:408.5/2

+ sign 114.739+/-0.376 χ^2/NDF: 6669.9/20

All: 112.560+/-0.267 χ^2/NDF: 14286.3/42

- sign 110.335+/-0.380 χ^2/NDF: 7548.5/21

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug

Right In: -0.693+/-0.026 χ^2/NDF: 993.1/16

Left Out: 0.014+/-0.028 χ^2/NDF:57.2/3

Right Out: -0.813+/-0.024 χ^2/NDF: 1310.7/18

Left In: 0.001+/-0.028 χ^2/NDF:22.9/2

+ sign -0.373+/-0.019 χ^2/NDF: 1390.9/20

All: -0.417+/-0.013 χ^2/NDF: 3223.8/42

- sign -0.457+/-0.018 χ^2/NDF: 1822.9/21

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug

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

Left Out: -45.810+/-0.561 χ^2/NDF:230.6/3

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

Left In: -32.419+/-0.543 χ^2/NDF:48.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -38.903+/-0.390 χ^2/NDF: 573.6/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug

Right In: 32.295+/-0.373 χ^2/NDF: 452.2/16

Left Out: 36.669+/-0.438 χ^2/NDF:295.4/3

Right Out: 33.180+/-0.379 χ^2/NDF: 770.3/18

Left In: 33.465+/-0.447 χ^2/NDF:152.7/2

+ sign 34.133+/-0.284 χ^2/NDF: 805.5/20

All: 33.724+/-0.203 χ^2/NDF: 1733.0/42

- sign 33.299+/-0.289 χ^2/NDF: 923.2/21

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug

Right In: -18.721+/-0.665 χ^2/NDF: 519.6/16

Left Out: -38.648+/-0.600 χ^2/NDF:247.8/3

Right Out: -18.306+/-0.644 χ^2/NDF: 472.6/18

Left In: -42.963+/-0.582 χ^2/NDF:271.3/2

+ sign -29.709+/-0.446 χ^2/NDF: 1262.0/20

All: -30.824+/-0.310 χ^2/NDF: 2825.6/42

- sign -31.870+/-0.432 χ^2/NDF: 1551.5/21

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug

Right In: 72.875+/-0.426 χ^2/NDF: 4737.9/16

Left Out: 82.109+/-0.524 χ^2/NDF:364.2/3

Right Out: 70.815+/-0.433 χ^2/NDF: 5489.3/18

Left In: 76.267+/-0.524 χ^2/NDF:160.7/2

+ sign 76.551+/-0.330 χ^2/NDF: 5289.3/20

All: 74.808+/-0.235 χ^2/NDF: 11059.8/42

- sign 73.026+/-0.334 χ^2/NDF: 5714.2/21

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug

Right In: -0.499+/-0.022 χ^2/NDF: 303.5/16

Left Out: -0.275+/-0.025 χ^2/NDF:21.0/3

Right Out: -0.561+/-0.021 χ^2/NDF: 562.3/18

Left In: -0.243+/-0.023 χ^2/NDF:24.1/2

+ sign -0.399+/-0.017 χ^2/NDF: 369.9/20

All: -0.407+/-0.011 χ^2/NDF: 1058.9/42

- sign -0.415+/-0.016 χ^2/NDF: 688.5/21

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug

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

Left Out: -15.652+/-0.200 χ^2/NDF:15.2/3

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

Left In: -13.785+/-0.204 χ^2/NDF:33.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -14.735+/-0.143 χ^2/NDF: 91.3/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug

Right In: -34.042+/-0.151 χ^2/NDF: 1340.8/16

Left Out: -32.643+/-0.161 χ^2/NDF:10.6/3

Right Out: -34.277+/-0.151 χ^2/NDF: 1349.5/18

Left In: -32.768+/-0.177 χ^2/NDF:301.4/2

+ sign -33.391+/-0.110 χ^2/NDF: 1391.5/20

All: -33.511+/-0.079 χ^2/NDF: 3087.0/42

- sign -33.641+/-0.115 χ^2/NDF: 1693.0/21

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug

Right In: 5.435+/-0.270 χ^2/NDF: 132.0/16

Left Out: -9.805+/-0.215 χ^2/NDF:29.0/3

Right Out: 7.177+/-0.274 χ^2/NDF: 182.6/18

Left In: -8.564+/-0.218 χ^2/NDF:123.9/2

+ sign -3.889+/-0.168 χ^2/NDF: 2116.5/20

All: -3.182+/-0.120 χ^2/NDF: 4475.2/42

- sign -2.451+/-0.171 χ^2/NDF: 2322.6/21

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug

Right In: -5.553+/-0.170 χ^2/NDF: 2125.3/16

Left Out: -8.489+/-0.192 χ^2/NDF:42.6/3

Right Out: -4.782+/-0.173 χ^2/NDF: 2040.4/18

Left In: -7.526+/-0.206 χ^2/NDF:212.2/2

+ sign -6.841+/-0.127 χ^2/NDF: 2298.9/20

All: -6.397+/-0.092 χ^2/NDF: 4681.1/42

- sign -5.917+/-0.132 χ^2/NDF: 2356.8/21

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug

Right In: -0.059+/-0.008 χ^2/NDF: 217.6/16

Left Out: 0.117+/-0.009 χ^2/NDF:4.1/3

Right Out: -0.103+/-0.008 χ^2/NDF: 435.5/18

Left In: 0.100+/-0.009 χ^2/NDF:56.7/2

+ sign 0.025+/-0.006 χ^2/NDF: 432.6/20

All: 0.011+/-0.004 χ^2/NDF: 1220.5/42

- sign -0.003+/-0.006 χ^2/NDF: 777.4/21

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug

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

Left Out: 5.884+/-0.202 χ^2/NDF:37.6/3

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

Left In: 1.590+/-0.190 χ^2/NDF:56.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3.610+/-0.139 χ^2/NDF: 333.0/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug

Right In: -2.930+/-0.154 χ^2/NDF: 146.5/16

Left Out: -2.431+/-0.157 χ^2/NDF:7.7/3

Right Out: -3.544+/-0.155 χ^2/NDF: 291.7/18

Left In: -2.416+/-0.152 χ^2/NDF:53.6/2

+ sign -2.685+/-0.110 χ^2/NDF: 159.4/20

All: -2.829+/-0.077 χ^2/NDF: 535.2/42

- sign -2.970+/-0.108 χ^2/NDF: 372.4/21

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug

Right In: 29.969+/-0.267 χ^2/NDF: 554.3/16

Left Out: 33.972+/-0.216 χ^2/NDF:130.2/3

Right Out: 31.000+/-0.260 χ^2/NDF: 479.5/18

Left In: 30.071+/-0.204 χ^2/NDF:797.8/2

+ sign 32.382+/-0.168 χ^2/NDF: 820.4/20

All: 31.359+/-0.116 χ^2/NDF: 2176.5/42

- sign 30.425+/-0.161 χ^2/NDF: 1285.2/21

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug

Right In: 13.948+/-0.172 χ^2/NDF: 7391.9/16

Left Out: 26.272+/-0.188 χ^2/NDF:14.5/3

Right Out: 12.435+/-0.174 χ^2/NDF: 6962.9/18

Left In: 24.927+/-0.179 χ^2/NDF:50.0/2

+ sign 19.559+/-0.127 χ^2/NDF: 9745.0/20

All: 19.017+/-0.089 χ^2/NDF: 19303.2/42

- sign 18.494+/-0.125 χ^2/NDF: 9522.4/21

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug

Right In: 0.205+/-0.009 χ^2/NDF: 846.2/16

Left Out: -0.106+/-0.009 χ^2/NDF:0.5/3

Right Out: 0.139+/-0.009 χ^2/NDF: 3016.8/18

Left In: -0.080+/-0.008 χ^2/NDF:8.5/2

+ sign 0.042+/-0.006 χ^2/NDF: 1424.2/20

All: 0.029+/-0.004 χ^2/NDF: 4771.9/42

- sign 0.017+/-0.006 χ^2/NDF: 3339.6/21

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug

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

Left Out: -44.016+/-0.508 χ^2/NDF:127.9/3

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

Left In: -34.340+/-0.536 χ^2/NDF:66.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -39.430+/-0.369 χ^2/NDF: 365.7/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug

Right In: -8.257+/-0.462 χ^2/NDF: 412.1/16

Left Out: -2.770+/-0.390 χ^2/NDF:22.2/3

Right Out: -10.446+/-0.491 χ^2/NDF: 428.4/18

Left In: -4.593+/-0.427 χ^2/NDF:195.3/2

+ sign -5.055+/-0.298 χ^2/NDF: 516.6/20

All: -6.004+/-0.219 χ^2/NDF: 1243.2/42

- sign -7.112+/-0.322 χ^2/NDF: 704.6/21

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug

Right In: -43.082+/-0.834 χ^2/NDF: 99.2/16

Left Out: -65.576+/-0.544 χ^2/NDF:164.0/3

Right Out: -43.262+/-0.866 χ^2/NDF: 154.2/18

Left In: -69.406+/-0.573 χ^2/NDF:179.3/2

+ sign -58.859+/-0.456 χ^2/NDF: 773.1/20

All: -60.089+/-0.330 χ^2/NDF: 1755.0/42

- sign -61.443+/-0.478 χ^2/NDF: 966.6/21

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug

Right In: -12.348+/-0.520 χ^2/NDF: 475.9/16

Left Out: -11.052+/-0.469 χ^2/NDF:15.7/3

Right Out: -10.765+/-0.554 χ^2/NDF: 366.6/18

Left In: -12.310+/-0.504 χ^2/NDF:304.1/2

+ sign -11.634+/-0.348 χ^2/NDF: 495.1/20

All: -11.622+/-0.254 χ^2/NDF: 1170.1/42

- sign -11.609+/-0.373 χ^2/NDF: 675.0/21

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug

Right In: -0.308+/-0.028 χ^2/NDF: 372.4/16

Left Out: 0.294+/-0.023 χ^2/NDF:7.5/3

Right Out: -0.478+/-0.029 χ^2/NDF: 631.2/18

Left In: 0.323+/-0.023 χ^2/NDF:3.3/2

+ sign 0.053+/-0.017 χ^2/NDF: 666.4/20

All: 0.031+/-0.012 χ^2/NDF: 1782.0/42

- sign 0.008+/-0.018 χ^2/NDF: 1112.4/21

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug

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

Left Out: 14.310+/-0.280 χ^2/NDF:392.4/3

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

Left In: 7.919+/-0.275 χ^2/NDF:26.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 11.057+/-0.196 χ^2/NDF: 683.8/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug

Right In: 8.036+/-0.215 χ^2/NDF: 5369.4/16

Left Out: 1.970+/-0.221 χ^2/NDF:1077.2/3

Right Out: 8.454+/-0.213 χ^2/NDF: 6704.4/18

Left In: 2.659+/-0.233 χ^2/NDF:2765.5/2

+ sign 5.081+/-0.154 χ^2/NDF: 6833.9/20

All: 5.436+/-0.110 χ^2/NDF: 16651.8/42

- sign 5.806+/-0.157 χ^2/NDF: 9807.0/21

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug

Right In: 7.604+/-0.416 χ^2/NDF: 2325.0/16

Left Out: 6.734+/-0.300 χ^2/NDF:335.8/3

Right Out: 10.337+/-0.416 χ^2/NDF: 2281.8/18

Left In: 14.591+/-0.295 χ^2/NDF:35.2/2

+ sign 7.031+/-0.243 χ^2/NDF: 2663.7/20

All: 10.134+/-0.171 χ^2/NDF: 5372.4/42

- sign 13.171+/-0.241 χ^2/NDF: 2386.5/21

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug

Right In: -100.753+/-0.248 χ^2/NDF: 4522.6/16

Left Out: -80.110+/-0.264 χ^2/NDF:906.4/3

Right Out: -102.354+/-0.246 χ^2/NDF: 6078.9/18

Left In: -72.755+/-0.272 χ^2/NDF:1753.8/2

+ sign -91.071+/-0.181 χ^2/NDF: 8678.3/20

All: -90.058+/-0.128 χ^2/NDF: 23082.6/42

- sign -89.023+/-0.183 χ^2/NDF: 14340.8/21

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug

Right In: 0.280+/-0.013 χ^2/NDF: 656.0/16

Left Out: 0.314+/-0.012 χ^2/NDF:87.4/3

Right Out: 0.175+/-0.013 χ^2/NDF: 966.7/18

Left In: 0.301+/-0.012 χ^2/NDF:81.9/2

+ sign 0.299+/-0.009 χ^2/NDF: 746.8/20

All: 0.272+/-0.006 χ^2/NDF: 1862.2/42

- sign 0.247+/-0.009 χ^2/NDF: 1098.8/21

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug

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

Left Out: -25.602+/-0.389 χ^2/NDF:453.9/3

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

Left In: -14.964+/-0.394 χ^2/NDF:75.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -20.346+/-0.277 χ^2/NDF: 897.8/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug

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

Left Out: 1.620+/-0.302 χ^2/NDF:731.4/3

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

Left In: -1.025+/-0.321 χ^2/NDF:805.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.381+/-0.220 χ^2/NDF: 1572.5/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug

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

Left Out: -32.012+/-0.417 χ^2/NDF:354.0/3

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

Left In: -39.953+/-0.422 χ^2/NDF:269.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -35.933+/-0.297 χ^2/NDF: 802.8/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug

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

Left Out: 85.642+/-0.361 χ^2/NDF:660.9/3

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

Left In: 83.624+/-0.378 χ^2/NDF:474.4/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 84.678+/-0.261 χ^2/NDF: 1150.2/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug

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

Left Out: 0.091+/-0.017 χ^2/NDF:64.6/3

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

Left In: 0.087+/-0.017 χ^2/NDF:25.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.089+/-0.012 χ^2/NDF: 89.8/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug

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

Left Out: -31.486+/-0.485 χ^2/NDF:406.8/3

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

Left In: -17.154+/-0.473 χ^2/NDF:81.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -24.127+/-0.339 χ^2/NDF: 935.3/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug

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

Left Out: 3.762+/-0.371 χ^2/NDF:472.2/3

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

Left In: 0.817+/-0.372 χ^2/NDF:334.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2.293+/-0.263 χ^2/NDF: 837.9/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug

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

Left Out: -65.972+/-0.520 χ^2/NDF:401.3/3

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

Left In: -69.337+/-0.506 χ^2/NDF:520.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -67.699+/-0.362 χ^2/NDF: 943.5/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug

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

Left Out: 59.616+/-0.445 χ^2/NDF:458.8/3

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

Left In: 58.299+/-0.439 χ^2/NDF:190.9/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 58.948+/-0.313 χ^2/NDF: 654.1/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug

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

Left Out: 0.193+/-0.021 χ^2/NDF:42.4/3

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

Left In: 0.176+/-0.020 χ^2/NDF:10.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.184+/-0.015 χ^2/NDF: 53.5/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug

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

Left Out: -11.612+/-0.170 χ^2/NDF:269.5/3

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

Left In: -6.716+/-0.165 χ^2/NDF:159.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -9.087+/-0.118 χ^2/NDF: 856.2/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug

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

Left Out: 4.091+/-0.129 χ^2/NDF:96.9/3

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

Left In: 2.327+/-0.128 χ^2/NDF:140.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3.201+/-0.091 χ^2/NDF: 331.3/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug

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

Left Out: -24.864+/-0.182 χ^2/NDF:170.6/3

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

Left In: -24.411+/-0.177 χ^2/NDF:981.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -24.631+/-0.127 χ^2/NDF: 1154.8/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug

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

Left Out: 5.053+/-0.155 χ^2/NDF:132.2/3

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

Left In: 10.141+/-0.152 χ^2/NDF:351.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 7.659+/-0.109 χ^2/NDF: 1032.8/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug

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

Left Out: 0.404+/-0.008 χ^2/NDF:15.7/3

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

Left In: 0.399+/-0.007 χ^2/NDF:9.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.402+/-0.005 χ^2/NDF: 25.6/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug

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

Left Out: -17.637+/-0.354 χ^2/NDF:128.0/3

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

Left In: -7.858+/-0.321 χ^2/NDF:113.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -12.258+/-0.238 χ^2/NDF: 660.5/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug

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

Left Out: 6.601+/-0.271 χ^2/NDF:33.1/3

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

Left In: 4.648+/-0.248 χ^2/NDF:91.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 5.537+/-0.183 χ^2/NDF: 152.5/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug

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

Left Out: -58.770+/-0.379 χ^2/NDF:153.8/3

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

Left In: -52.867+/-0.343 χ^2/NDF:1101.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -55.525+/-0.255 χ^2/NDF: 1388.4/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug

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

Left Out: -21.341+/-0.326 χ^2/NDF:51.8/3

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

Left In: -14.009+/-0.293 χ^2/NDF:191.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -17.291+/-0.218 χ^2/NDF: 523.0/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug

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

Left Out: 0.509+/-0.016 χ^2/NDF:4.2/3

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

Left In: 0.475+/-0.014 χ^2/NDF:11.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.490+/-0.010 χ^2/NDF: 18.1/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug

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

Left Out: 18.101+/-0.268 χ^2/NDF:438.7/3

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

Left In: 10.490+/-0.262 χ^2/NDF:69.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 14.218+/-0.187 χ^2/NDF: 920.1/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug

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

Left Out: 0.765+/-0.204 χ^2/NDF:501.9/3

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

Left In: 1.897+/-0.206 χ^2/NDF:452.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1.326+/-0.145 χ^2/NDF: 969.3/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug

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

Left Out: 36.430+/-0.287 χ^2/NDF:410.1/3

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

Left In: 38.628+/-0.281 χ^2/NDF:455.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 37.551+/-0.201 χ^2/NDF: 895.3/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug

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

Left Out: -33.612+/-0.245 χ^2/NDF:478.8/3

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

Left In: -31.317+/-0.244 χ^2/NDF:311.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -32.457+/-0.173 χ^2/NDF: 833.9/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug

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

Left Out: 0.078+/-0.012 χ^2/NDF:43.0/3

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

Left In: 0.086+/-0.011 χ^2/NDF:17.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.082+/-0.008 χ^2/NDF: 60.2/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug

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

Left Out: 12.428+/-0.202 χ^2/NDF:417.7/3

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

Left In: 8.033+/-0.204 χ^2/NDF:54.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 10.250+/-0.143 χ^2/NDF: 706.8/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug

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

Left Out: 2.682+/-0.159 χ^2/NDF:917.4/3

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

Left In: 3.493+/-0.173 χ^2/NDF:1776.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3.053+/-0.117 χ^2/NDF: 2705.8/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug

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

Left Out: 2.180+/-0.216 χ^2/NDF:233.3/3

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

Left In: 8.595+/-0.218 χ^2/NDF:74.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 5.355+/-0.154 χ^2/NDF: 743.8/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug

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

Left Out: -59.397+/-0.190 χ^2/NDF:764.0/3

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

Left In: -56.303+/-0.203 χ^2/NDF:1085.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -57.948+/-0.139 χ^2/NDF: 1973.6/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug

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

Left Out: 0.182+/-0.009 χ^2/NDF:76.8/3

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

Left In: 0.169+/-0.009 χ^2/NDF:55.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.175+/-0.006 χ^2/NDF: 133.1/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug

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

Left Out: 3.874+/-0.223 χ^2/NDF:5.5/3

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

Left In: 1.659+/-0.210 χ^2/NDF:39.4/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2.702+/-0.153 χ^2/NDF: 97.1/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug

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

Left Out: -1.690+/-0.176 χ^2/NDF:179.2/3

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

Left In: -1.688+/-0.172 χ^2/NDF:1117.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1.689+/-0.123 χ^2/NDF: 1296.3/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug

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

Left Out: 29.729+/-0.239 χ^2/NDF:12.8/3

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

Left In: 24.229+/-0.226 χ^2/NDF:741.9/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 26.822+/-0.164 χ^2/NDF: 1034.8/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug

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

Left Out: 46.952+/-0.210 χ^2/NDF:114.9/3

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

Left In: 40.900+/-0.202 χ^2/NDF:808.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 43.802+/-0.146 χ^2/NDF: 1354.9/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug

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

Left Out: -0.243+/-0.010 χ^2/NDF:15.1/3

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

Left In: -0.209+/-0.009 χ^2/NDF:59.4/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.224+/-0.007 χ^2/NDF: 81.3/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug

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

Left Out: -1.887+/-0.081 χ^2/NDF:327.4/3

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

Left In: 0.197+/-0.073 χ^2/NDF:4.9/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.743+/-0.054 χ^2/NDF: 698.2/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug

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

Left Out: 0.730+/-0.064 χ^2/NDF:1454.3/3

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

Left In: 0.737+/-0.061 χ^2/NDF:6021.4/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.734+/-0.044 χ^2/NDF: 7475.7/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug

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

Left Out: -4.513+/-0.086 χ^2/NDF:741.4/3

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

Left In: -6.004+/-0.078 χ^2/NDF:7.4/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -5.331+/-0.058 χ^2/NDF: 911.8/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug

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

Left Out: 20.675+/-0.076 χ^2/NDF:1265.4/3

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

Left In: 16.066+/-0.071 χ^2/NDF:4208.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 18.207+/-0.052 χ^2/NDF: 7433.0/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug

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

Left Out: -0.133+/-0.004 χ^2/NDF:116.0/3

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

Left In: -0.130+/-0.003 χ^2/NDF:187.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.131+/-0.002 χ^2/NDF: 303.7/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug

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

Left Out: -13.381+/-0.219 χ^2/NDF:367.3/3

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

Left In: -6.691+/-0.212 χ^2/NDF:98.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -9.937+/-0.152 χ^2/NDF: 948.0/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug

Right In: 0.596+/-0.169 χ^2/NDF: 291.2/16

Left Out: 4.527+/-0.167 χ^2/NDF:434.9/3

Right Out: 0.209+/-0.175 χ^2/NDF: 273.5/18

Left In: 2.734+/-0.167 χ^2/NDF:218.3/2

+ sign 2.582+/-0.119 χ^2/NDF: 999.5/20

All: 2.062+/-0.085 χ^2/NDF: 1639.1/42

- sign 1.526+/-0.121 χ^2/NDF: 600.8/21

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug

Right In: -26.012+/-0.300 χ^2/NDF: 692.9/16

Left Out: -29.542+/-0.234 χ^2/NDF:388.0/3

Right Out: -26.829+/-0.297 χ^2/NDF: 581.6/18

Left In: -30.779+/-0.227 χ^2/NDF:598.1/2

+ sign -28.205+/-0.184 χ^2/NDF: 1167.1/20

All: -28.776+/-0.129 χ^2/NDF: 2476.9/42

- sign -29.324+/-0.181 χ^2/NDF: 1291.0/21

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug

Right In: 16.253+/-0.191 χ^2/NDF: 7611.3/16

Left Out: 26.001+/-0.201 χ^2/NDF:434.1/3

Right Out: 15.318+/-0.197 χ^2/NDF: 7280.1/18

Left In: 26.994+/-0.198 χ^2/NDF:106.3/2

+ sign 20.884+/-0.138 χ^2/NDF: 9282.6/20

All: 21.011+/-0.098 χ^2/NDF: 18422.4/42

- sign 21.139+/-0.139 χ^2/NDF: 9138.1/21

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug

Right In: -0.036+/-0.010 χ^2/NDF: 1014.5/16

Left Out: 0.271+/-0.010 χ^2/NDF:41.4/3

Right Out: -0.132+/-0.010 χ^2/NDF: 1171.3/18

Left In: 0.261+/-0.009 χ^2/NDF:4.7/2

+ sign 0.127+/-0.007 χ^2/NDF: 1525.6/20

All: 0.107+/-0.005 χ^2/NDF: 3524.5/42

- sign 0.089+/-0.007 χ^2/NDF: 1983.4/21

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug

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

Left Out: -29.701+/-0.433 χ^2/NDF:375.2/3

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

Left In: -17.252+/-0.423 χ^2/NDF:99.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -23.331+/-0.303 χ^2/NDF: 897.7/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug

Right In: -3.030+/-0.408 χ^2/NDF: 280.8/16

Left Out: 3.308+/-0.330 χ^2/NDF:308.9/3

Right Out: -4.694+/-0.427 χ^2/NDF: 298.3/18

Left In: 0.407+/-0.331 χ^2/NDF:73.3/2

+ sign 0.800+/-0.256 χ^2/NDF: 735.9/20

All: -0.332+/-0.183 χ^2/NDF: 1236.4/42

- sign -1.509+/-0.262 χ^2/NDF: 460.8/21

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug

Right In: -62.887+/-0.738 χ^2/NDF: 368.7/16

Left Out: -61.338+/-0.463 χ^2/NDF:309.9/3

Right Out: -64.502+/-0.751 χ^2/NDF: 444.1/18

Left In: -63.160+/-0.453 χ^2/NDF:644.2/2

+ sign -61.776+/-0.392 χ^2/NDF: 681.8/20

All: -62.657+/-0.276 χ^2/NDF: 1782.3/42

- sign -63.518+/-0.388 χ^2/NDF: 1090.6/21

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug

Right In: 28.425+/-0.457 χ^2/NDF: 3330.3/16

Left Out: 38.644+/-0.396 χ^2/NDF:313.5/3

Right Out: 27.441+/-0.479 χ^2/NDF: 3033.0/18

Left In: 41.240+/-0.391 χ^2/NDF:31.3/2

+ sign 34.259+/-0.299 χ^2/NDF: 3929.1/20

All: 34.977+/-0.213 χ^2/NDF: 7503.2/42

- sign 35.712+/-0.303 χ^2/NDF: 3562.5/21

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug

Right In: -0.326+/-0.025 χ^2/NDF: 1013.0/16

Left Out: 0.326+/-0.019 χ^2/NDF:30.2/3

Right Out: -0.510+/-0.026 χ^2/NDF: 1169.4/18

Left In: 0.315+/-0.018 χ^2/NDF:2.1/2

+ sign 0.084+/-0.015 χ^2/NDF: 1473.9/20

All: 0.060+/-0.011 χ^2/NDF: 3333.7/42

- sign 0.037+/-0.015 χ^2/NDF: 1855.0/21

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug

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

Left Out: 8.159+/-0.111 χ^2/NDF:358.8/3

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

Left In: 5.267+/-0.110 χ^2/NDF:96.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 6.699+/-0.078 χ^2/NDF: 799.7/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug

Right In: 1.836+/-0.116 χ^2/NDF: 294.9/16

Left Out: 0.580+/-0.084 χ^2/NDF:192.6/3

Right Out: 2.365+/-0.123 χ^2/NDF: 336.4/18

Left In: 1.143+/-0.086 χ^2/NDF:7.6/2

+ sign 1.013+/-0.068 χ^2/NDF: 564.2/20

All: 1.270+/-0.049 χ^2/NDF: 1004.4/42

- sign 1.543+/-0.070 χ^2/NDF: 410.7/21

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug

Right In: 17.418+/-0.212 χ^2/NDF: 366.8/16

Left Out: 15.884+/-0.118 χ^2/NDF:223.7/3

Right Out: 17.929+/-0.219 χ^2/NDF: 506.3/18

Left In: 16.273+/-0.117 χ^2/NDF:645.9/2

+ sign 16.250+/-0.103 χ^2/NDF: 630.5/20

All: 16.446+/-0.073 χ^2/NDF: 1834.4/42

- sign 16.642+/-0.103 χ^2/NDF: 1196.7/21

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug

Right In: -4.526+/-0.130 χ^2/NDF: 1590.2/16

Left Out: -6.288+/-0.101 χ^2/NDF:201.5/3

Right Out: -4.459+/-0.137 χ^2/NDF: 1338.9/18

Left In: -7.117+/-0.101 χ^2/NDF:1.5/2

+ sign -5.621+/-0.080 χ^2/NDF: 1906.6/20

All: -5.893+/-0.057 χ^2/NDF: 3514.5/42

- sign -6.178+/-0.081 χ^2/NDF: 1583.9/21

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug

Right In: 0.143+/-0.007 χ^2/NDF: 1060.4/16

Left Out: -0.027+/-0.005 χ^2/NDF:20.2/3

Right Out: 0.182+/-0.007 χ^2/NDF: 1007.8/18

Left In: -0.027+/-0.005 χ^2/NDF:0.7/2

+ sign 0.028+/-0.004 χ^2/NDF: 1474.8/20

All: 0.031+/-0.003 χ^2/NDF: 3050.4/42

- sign 0.034+/-0.004 χ^2/NDF: 1574.5/21

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug

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

Left Out: -21.541+/-0.325 χ^2/NDF:375.3/3

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

Left In: -11.974+/-0.316 χ^2/NDF:99.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -16.632+/-0.227 χ^2/NDF: 920.6/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug

Right In: -1.220+/-0.290 χ^2/NDF: 278.6/16

Left Out: 3.907+/-0.248 χ^2/NDF:350.9/3

Right Out: -2.302+/-0.302 χ^2/NDF: 286.2/18

Left In: 1.560+/-0.248 χ^2/NDF:112.9/2

+ sign 1.745+/-0.188 χ^2/NDF: 810.3/20

All: 0.892+/-0.134 χ^2/NDF: 1348.7/42

- sign 0.008+/-0.192 χ^2/NDF: 496.6/21

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug

Right In: -44.908+/-0.523 χ^2/NDF: 421.2/16

Left Out: -45.444+/-0.347 χ^2/NDF:337.6/3

Right Out: -46.071+/-0.528 χ^2/NDF: 454.0/18

Left In: -46.946+/-0.339 χ^2/NDF:633.3/2

+ sign -45.280+/-0.289 χ^2/NDF: 759.5/20

All: -45.996+/-0.203 χ^2/NDF: 1860.8/42

- sign -46.691+/-0.285 χ^2/NDF: 1089.2/21

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug

Right In: 23.073+/-0.326 χ^2/NDF: 4346.0/16

Left Out: 32.334+/-0.297 χ^2/NDF:353.7/3

Right Out: 22.122+/-0.340 χ^2/NDF: 4034.4/18

Left In: 34.121+/-0.293 χ^2/NDF:51.1/2

+ sign 28.128+/-0.220 χ^2/NDF: 5140.2/20

All: 28.562+/-0.156 χ^2/NDF: 9948.6/42

- sign 29.006+/-0.222 χ^2/NDF: 4800.6/21

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug

Right In: -0.182+/-0.018 χ^2/NDF: 998.1/16

Left Out: 0.299+/-0.014 χ^2/NDF:33.9/3

Right Out: -0.323+/-0.018 χ^2/NDF: 1184.5/18

Left In: 0.288+/-0.014 χ^2/NDF:2.9/2

+ sign 0.108+/-0.011 χ^2/NDF: 1476.1/20

All: 0.087+/-0.008 χ^2/NDF: 3393.4/42

- sign 0.067+/-0.011 χ^2/NDF: 1910.3/21

reg_asym_atl1_diff_bpm1X_slope vs Slug

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

Left Out: -22.654+/-1.542 χ^2/NDF:174.5/3

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

Left In: -54.973+/-1.628 χ^2/NDF:65.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -37.938+/-1.120 χ^2/NDF: 447.8/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl1_diff_bpm4aY_slope vs Slug

Right In: 16.512+/-0.847 χ^2/NDF: 519.6/16

Left Out: 0.011+/-1.276 χ^2/NDF:2.2/3

Right Out: 19.604+/-0.898 χ^2/NDF: 242.0/18

Left In: -0.424+/-1.455 χ^2/NDF:15.3/2

+ sign 11.459+/-0.706 χ^2/NDF: 637.9/20

All: 12.664+/-0.519 χ^2/NDF: 1038.7/42

- sign 14.077+/-0.764 χ^2/NDF: 394.4/21

reg_asym_atl1_diff_bpm4eX_slope vs Slug

Right In: 75.009+/-1.636 χ^2/NDF: 1999.3/16

Left Out: 51.503+/-1.656 χ^2/NDF:1261.0/3

Right Out: 93.140+/-1.711 χ^2/NDF: 2002.3/18

Left In: 106.483+/-1.747 χ^2/NDF:95.3/2

+ sign 63.398+/-1.164 χ^2/NDF: 3362.3/20

All: 80.643+/-0.843 χ^2/NDF: 5951.6/42

- sign 99.672+/-1.223 χ^2/NDF: 2127.4/21

reg_asym_atl1_diff_bpm4eY_slope vs Slug

Right In: -33.005+/-0.972 χ^2/NDF: 493.1/16

Left Out: 2.655+/-1.508 χ^2/NDF:2.8/3

Right Out: -36.260+/-1.025 χ^2/NDF: 297.1/18

Left In: 6.766+/-1.689 χ^2/NDF:0.9/2

+ sign -22.545+/-0.817 χ^2/NDF: 890.9/20

All: -23.534+/-0.598 χ^2/NDF: 1666.2/42

- sign -24.673+/-0.876 χ^2/NDF: 772.2/21

reg_asym_atl1_diff_bpm12X_slope vs Slug

Right In: -8.751+/-0.059 χ^2/NDF: 576012.4/16

Left Out: -28.224+/-0.067 χ^2/NDF:79361.1/3

Right Out: -13.143+/-0.062 χ^2/NDF: 558628.0/18

Left In: -39.009+/-0.068 χ^2/NDF:37832.3/2

+ sign -17.182+/-0.044 χ^2/NDF: 702847.5/20

All: -20.940+/-0.032 χ^2/NDF: 1394074.9/42

- sign -24.919+/-0.046 χ^2/NDF: 676396.1/21

reg_asym_atl2_diff_bpm1X_slope vs Slug

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

Left Out: -339.126+/-5.184 χ^2/NDF:1723.5/3

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

Left In: -570.963+/-6.197 χ^2/NDF:11.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -434.572+/-3.976 χ^2/NDF: 2558.3/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl2_diff_bpm4aY_slope vs Slug

Right In: -3.773+/-1.889 χ^2/NDF: 314.3/16

Left Out: -8.812+/-3.990 χ^2/NDF:12.8/3

Right Out: 1.265+/-1.920 χ^2/NDF: 303.7/18

Left In: 5.456+/-5.215 χ^2/NDF:9.7/2

+ sign -4.695+/-1.707 χ^2/NDF: 328.5/20

All: -1.639+/-1.239 χ^2/NDF: 649.3/42

- sign 1.766+/-1.802 χ^2/NDF: 314.0/21

reg_asym_atl2_diff_bpm4eX_slope vs Slug

Right In: 478.526+/-3.630 χ^2/NDF: 1629.0/16

Left Out: 293.273+/-5.552 χ^2/NDF:2116.3/3

Right Out: 474.328+/-3.533 χ^2/NDF: 2287.1/18

Left In: 563.719+/-6.642 χ^2/NDF:8.7/2

+ sign 423.051+/-3.038 χ^2/NDF: 4525.2/20

All: 457.616+/-2.176 χ^2/NDF: 7228.0/42

- sign 494.040+/-3.119 χ^2/NDF: 2437.0/21

reg_asym_atl2_diff_bpm4eY_slope vs Slug

Right In: 117.585+/-2.193 χ^2/NDF: 706.9/16

Left Out: 115.485+/-4.765 χ^2/NDF:331.2/3

Right Out: 109.400+/-2.210 χ^2/NDF: 571.2/18

Left In: 171.972+/-6.115 χ^2/NDF:26.4/2

+ sign 117.218+/-1.992 χ^2/NDF: 1038.2/20

All: 116.935+/-1.438 χ^2/NDF: 1728.5/42

- sign 116.628+/-2.078 χ^2/NDF: 690.2/21

reg_asym_atl2_diff_bpm12X_slope vs Slug

Right In: -216.796+/-0.136 χ^2/NDF: 146976.1/16

Left Out: -224.971+/-0.227 χ^2/NDF:441666.8/3

Right Out: -212.869+/-0.130 χ^2/NDF: 116393.6/18

Left In: -342.113+/-0.261 χ^2/NDF:9600.0/2

+ sign -218.940+/-0.117 χ^2/NDF: 589595.7/20

All: -228.758+/-0.082 χ^2/NDF: 925905.2/42

- sign -238.573+/-0.116 χ^2/NDF: 322109.8/21

reg_asym_atr1_diff_bpm1X_slope vs Slug

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -77.795+/-1.679 χ^2/NDF:47.1/3

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -86.474+/-1.779 χ^2/NDF:40.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -81.886+/-1.221 χ^2/NDF: 99.7/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr1_diff_bpm4aY_slope vs Slug

Right In: 18.279+/-0.906 χ^2/NDF: 204.6/16

Left Out: 7.848+/-1.364 χ^2/NDF:11.8/3

Right Out: 18.882+/-0.864 χ^2/NDF: 198.4/18

Left In: 3.520+/-1.562 χ^2/NDF:12.7/2

+ sign 15.089+/-0.754 χ^2/NDF: 257.0/20

All: 15.185+/-0.534 χ^2/NDF: 542.2/42

- sign 15.281+/-0.756 χ^2/NDF: 285.2/21

reg_asym_atr1_diff_bpm4eX_slope vs Slug

Right In: 50.482+/-1.668 χ^2/NDF: 357.9/16

Left Out: 27.752+/-1.802 χ^2/NDF:52.1/3

Right Out: 44.222+/-1.602 χ^2/NDF: 534.4/18

Left In: 37.506+/-1.908 χ^2/NDF:41.5/2

+ sign 39.991+/-1.224 χ^2/NDF: 495.7/20

All: 40.715+/-0.867 χ^2/NDF: 1079.6/42

- sign 41.444+/-1.227 χ^2/NDF: 583.2/21

reg_asym_atr1_diff_bpm4eY_slope vs Slug

Right In: -33.292+/-1.033 χ^2/NDF: 289.1/16

Left Out: -7.026+/-1.617 χ^2/NDF:10.6/3

Right Out: -35.566+/-0.992 χ^2/NDF: 287.6/18

Left In: -1.075+/-1.817 χ^2/NDF:8.8/2

+ sign -25.681+/-0.871 χ^2/NDF: 487.0/20

All: -26.659+/-0.616 χ^2/NDF: 1063.6/42

- sign -27.637+/-0.871 χ^2/NDF: 574.0/21

reg_asym_atr1_diff_bpm12X_slope vs Slug

Right In: -21.476+/-0.059 χ^2/NDF: 49009.8/16

Left Out: -39.438+/-0.073 χ^2/NDF:6008.2/3

Right Out: -18.506+/-0.057 χ^2/NDF: 80734.5/18

Left In: -38.276+/-0.074 χ^2/NDF:11584.0/2

+ sign -28.475+/-0.046 χ^2/NDF: 91527.9/20

All: -27.179+/-0.032 χ^2/NDF: 229937.2/42

- sign -25.910+/-0.045 χ^2/NDF: 136826.9/21

reg_asym_atr2_diff_bpm1X_slope vs Slug

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -397.287+/-4.861 χ^2/NDF:115.2/3

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -463.802+/-5.332 χ^2/NDF:48.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -427.474+/-3.592 χ^2/NDF: 248.3/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr2_diff_bpm4aY_slope vs Slug

Right In: -17.765+/-2.781 χ^2/NDF: 363.9/16

Left Out: -17.991+/-3.786 χ^2/NDF:15.7/3

Right Out: -9.417+/-2.613 χ^2/NDF: 369.6/18

Left In: -5.397+/-4.451 χ^2/NDF:11.1/2

+ sign -17.844+/-2.242 χ^2/NDF: 379.6/20

All: -13.140+/-1.589 χ^2/NDF: 769.7/42

- sign -8.386+/-2.254 χ^2/NDF: 381.3/21

reg_asym_atr2_diff_bpm4eX_slope vs Slug

Right In: 675.871+/-5.037 χ^2/NDF: 2586.4/16

Left Out: 543.446+/-5.208 χ^2/NDF:133.3/3

Right Out: 645.014+/-4.761 χ^2/NDF: 3123.3/18

Left In: 616.674+/-5.714 χ^2/NDF:38.4/2

+ sign 611.861+/-3.620 χ^2/NDF: 3053.8/20

All: 622.521+/-2.573 χ^2/NDF: 6247.5/42

- sign 633.402+/-3.658 χ^2/NDF: 3176.2/21

reg_asym_atr2_diff_bpm4eY_slope vs Slug

Right In: 175.341+/-3.203 χ^2/NDF: 638.5/16

Left Out: 173.647+/-4.532 χ^2/NDF:8.0/3

Right Out: 149.966+/-3.045 χ^2/NDF: 693.2/18

Left In: 157.294+/-5.224 χ^2/NDF:23.3/2

+ sign 174.777+/-2.616 χ^2/NDF: 646.5/20

All: 163.367+/-1.855 χ^2/NDF: 1402.7/42

- sign 151.825+/-2.631 χ^2/NDF: 717.9/21

reg_asym_atr2_diff_bpm12X_slope vs Slug

Right In: -238.248+/-0.160 χ^2/NDF: 167125.9/16

Left Out: -291.155+/-0.215 χ^2/NDF:2436.0/3

Right Out: -226.706+/-0.151 χ^2/NDF: 102831.3/18

Left In: -289.132+/-0.226 χ^2/NDF:4479.0/2

+ sign -257.112+/-0.128 χ^2/NDF: 208584.8/20

All: -251.451+/-0.090 χ^2/NDF: 372542.5/42

- sign -246.030+/-0.126 χ^2/NDF: 160146.0/21

reg_asym_atl_avg_diff_bpm1X_slope vs Slug

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -175.921+/-2.913 χ^2/NDF:1637.1/3

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -312.869+/-3.531 χ^2/NDF:17.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -231.373+/-2.247 χ^2/NDF: 2549.0/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug

Right In: 4.896+/-1.089 χ^2/NDF: 312.0/16

Left Out: -5.366+/-2.249 χ^2/NDF:10.0/3

Right Out: 5.534+/-1.071 χ^2/NDF: 239.1/18

Left In: 3.549+/-3.006 χ^2/NDF:3.7/2

+ sign 2.947+/-0.980 χ^2/NDF: 338.8/20

All: 4.094+/-0.703 χ^2/NDF: 584.9/42

- sign 5.310+/-1.009 χ^2/NDF: 243.2/21

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug

Right In: 201.807+/-1.970 χ^2/NDF: 6754.2/16

Left Out: 156.307+/-3.121 χ^2/NDF:2810.1/3

Right Out: 195.053+/-1.924 χ^2/NDF: 8257.1/18

Left In: 335.189+/-3.786 χ^2/NDF:16.0/2

+ sign 188.839+/-1.666 χ^2/NDF: 9716.3/20

All: 205.821+/-1.195 χ^2/NDF: 19292.1/42

- sign 223.825+/-1.716 χ^2/NDF: 9361.8/21

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug

Right In: 40.196+/-1.268 χ^2/NDF: 735.0/16

Left Out: 58.613+/-2.683 χ^2/NDF:257.6/3

Right Out: 32.999+/-1.253 χ^2/NDF: 554.1/18

Left In: 87.967+/-3.520 χ^2/NDF:18.6/2

+ sign 43.557+/-1.146 χ^2/NDF: 1031.1/20

All: 41.431+/-0.822 χ^2/NDF: 1827.3/42

- sign 39.176+/-1.180 χ^2/NDF: 789.1/21

reg_asym_atl_avg_diff_bpm12X_slope vs Slug

Right In: -58.155+/-0.062 χ^2/NDF: 1105509.3/16

Left Out: -121.188+/-0.128 χ^2/NDF:466648.1/3

Right Out: -54.914+/-0.060 χ^2/NDF: 1003885.5/18

Left In: -190.674+/-0.148 χ^2/NDF:17272.2/2

+ sign -70.062+/-0.055 χ^2/NDF: 1770110.5/20

All: -72.087+/-0.039 χ^2/NDF: 3513571.8/42

- sign -74.137+/-0.056 χ^2/NDF: 1740777.3/21

reg_asym_atl_dd_diff_bpm1X_slope vs Slug

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 174.944+/-2.552 χ^2/NDF:1324.8/3

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 257.456+/-2.850 χ^2/NDF:11.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 211.666+/-1.901 χ^2/NDF: 1801.8/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug

Right In: 13.423+/-0.920 χ^2/NDF: 295.2/16

Left Out: 4.161+/-1.982 χ^2/NDF:15.9/3

Right Out: 10.908+/-0.916 χ^2/NDF: 302.6/18

Left In: -1.593+/-2.379 χ^2/NDF:20.2/2

+ sign 11.783+/-0.834 χ^2/NDF: 329.1/20

All: 10.569+/-0.597 χ^2/NDF: 680.3/42

- sign 9.293+/-0.855 χ^2/NDF: 346.8/21

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug

Right In: -201.384+/-1.779 χ^2/NDF: 623.5/16

Left Out: -146.832+/-2.734 χ^2/NDF:988.5/3

Right Out: -185.739+/-1.700 χ^2/NDF: 1749.3/18

Left In: -227.669+/-3.054 χ^2/NDF:12.5/2

+ sign -185.154+/-1.491 χ^2/NDF: 1891.5/20

All: -190.427+/-1.052 χ^2/NDF: 3822.1/42

- sign -195.658+/-1.485 χ^2/NDF: 1905.7/21

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug

Right In: -77.877+/-1.066 χ^2/NDF: 658.2/16

Left Out: -62.490+/-2.366 χ^2/NDF:320.8/3

Right Out: -72.612+/-1.054 χ^2/NDF: 606.9/18

Left In: -84.279+/-2.791 χ^2/NDF:34.9/2

+ sign -75.282+/-0.972 χ^2/NDF: 1014.1/20

All: -74.683+/-0.692 χ^2/NDF: 1672.0/42

- sign -74.068+/-0.986 χ^2/NDF: 657.1/21

reg_asym_atl_dd_diff_bpm12X_slope vs Slug

Right In: 103.188+/-0.070 χ^2/NDF: 273587.8/16

Left Out: 111.140+/-0.112 χ^2/NDF:294656.4/3

Right Out: 85.121+/-0.064 χ^2/NDF: 423521.4/18

Left In: 150.640+/-0.121 χ^2/NDF:2497.1/2

+ sign 105.433+/-0.060 χ^2/NDF: 571852.0/20

All: 102.258+/-0.041 χ^2/NDF: 1233951.2/42

- sign 99.420+/-0.056 χ^2/NDF: 656724.4/21

reg_asym_atr_avg_diff_bpm1X_slope vs Slug

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -237.415+/-2.819 χ^2/NDF:125.9/3

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -275.355+/-3.086 χ^2/NDF:48.9/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -254.673+/-2.081 χ^2/NDF: 257.2/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug

Right In: -1.492+/-1.513 χ^2/NDF: 226.1/16

Left Out: -5.123+/-2.209 χ^2/NDF:18.3/3

Right Out: 2.127+/-1.402 χ^2/NDF: 232.6/18

Left In: -0.104+/-2.596 χ^2/NDF:4.3/2

+ sign -2.652+/-1.248 χ^2/NDF: 246.3/20

All: -0.489+/-0.878 χ^2/NDF: 489.7/42

- sign 1.623+/-1.234 χ^2/NDF: 237.5/21

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug

Right In: 372.263+/-2.759 χ^2/NDF: 2433.1/16

Left Out: 285.432+/-3.020 χ^2/NDF:144.4/3

Right Out: 345.135+/-2.562 χ^2/NDF: 3416.5/18

Left In: 327.271+/-3.307 χ^2/NDF:40.6/2

+ sign 332.758+/-2.037 χ^2/NDF: 3028.0/20

All: 335.613+/-1.436 χ^2/NDF: 6507.2/42

- sign 338.434+/-2.025 χ^2/NDF: 3475.3/21

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug

Right In: 70.867+/-1.743 χ^2/NDF: 427.0/16

Left Out: 83.268+/-2.641 χ^2/NDF:10.2/3

Right Out: 59.546+/-1.633 χ^2/NDF: 490.9/18

Left In: 76.951+/-3.043 χ^2/NDF:15.8/2

+ sign 74.629+/-1.455 χ^2/NDF: 452.5/20

All: 68.972+/-1.023 χ^2/NDF: 1014.4/42

- sign 63.437+/-1.439 χ^2/NDF: 532.0/21

reg_asym_atr_avg_diff_bpm12X_slope vs Slug

Right In: -127.105+/-0.089 χ^2/NDF: 167064.7/16

Left Out: -165.437+/-0.125 χ^2/NDF:4218.8/3

Right Out: -116.369+/-0.083 χ^2/NDF: 167595.6/18

Left In: -163.816+/-0.130 χ^2/NDF:7814.2/2

+ sign -140.147+/-0.073 χ^2/NDF: 233791.3/20

All: -134.915+/-0.050 χ^2/NDF: 513703.7/42

- sign -130.065+/-0.070 χ^2/NDF: 269915.7/21

reg_asym_atr_dd_diff_bpm1X_slope vs Slug

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 159.981+/-2.312 χ^2/NDF:76.4/3

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 188.547+/-2.518 χ^2/NDF:46.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 173.048+/-1.703 χ^2/NDF: 193.0/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug

Right In: 19.416+/-1.480 χ^2/NDF: 441.1/16

Left Out: 13.202+/-1.804 χ^2/NDF:10.6/3

Right Out: 14.055+/-1.392 χ^2/NDF: 436.5/18

Left In: 5.622+/-2.106 χ^2/NDF:23.9/2

+ sign 16.916+/-1.144 χ^2/NDF: 458.8/20

All: 14.244+/-0.815 χ^2/NDF: 941.5/42

- sign 11.490+/-1.161 χ^2/NDF: 471.6/21

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug

Right In: -323.721+/-2.668 χ^2/NDF: 1850.8/16

Left Out: -258.032+/-2.478 χ^2/NDF:90.0/3

Right Out: -310.223+/-2.523 χ^2/NDF: 2300.0/18

Left In: -289.453+/-2.699 χ^2/NDF:37.7/2

+ sign -288.449+/-1.816 χ^2/NDF: 2266.2/20

All: -294.403+/-1.293 χ^2/NDF: 4657.4/42

- sign -300.539+/-1.843 χ^2/NDF: 2369.3/21

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug

Right In: -105.309+/-1.693 χ^2/NDF: 737.5/16

Left Out: -90.736+/-2.157 χ^2/NDF:5.2/3

Right Out: -93.680+/-1.612 χ^2/NDF: 826.5/18

Left In: -80.740+/-2.469 χ^2/NDF:34.5/2

+ sign -99.751+/-1.332 χ^2/NDF: 771.0/20

All: -94.848+/-0.948 χ^2/NDF: 1678.7/42

- sign -89.814+/-1.349 χ^2/NDF: 880.3/21

reg_asym_atr_dd_diff_bpm12X_slope vs Slug

Right In: 108.461+/-0.085 χ^2/NDF: 73302.1/16

Left Out: 125.428+/-0.102 χ^2/NDF:700.4/3

Right Out: 102.570+/-0.079 χ^2/NDF: 53143.8/18

Left In: 124.794+/-0.107 χ^2/NDF:1232.6/2

+ sign 115.384+/-0.065 χ^2/NDF: 90368.6/20

All: 112.888+/-0.046 χ^2/NDF: 175536.1/42

- sign 110.503+/-0.064 χ^2/NDF: 82301.2/21

reg_asym_at1_avg_diff_bpm1X_slope vs Slug

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -49.772+/-1.198 χ^2/NDF:89.7/3

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -69.811+/-1.292 χ^2/NDF:81.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -59.040+/-0.879 χ^2/NDF: 300.7/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug

Right In: 18.906+/-0.644 χ^2/NDF: 618.9/16

Left Out: 3.417+/-0.980 χ^2/NDF:7.4/3

Right Out: 20.390+/-0.644 χ^2/NDF: 365.3/18

Left In: 1.275+/-1.149 χ^2/NDF:20.3/2

+ sign 14.240+/-0.538 χ^2/NDF: 800.8/20

All: 14.999+/-0.389 χ^2/NDF: 1401.0/42

- sign 15.826+/-0.562 χ^2/NDF: 596.0/21

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug

Right In: 73.071+/-1.228 χ^2/NDF: 1200.0/16

Left Out: 37.214+/-1.286 χ^2/NDF:483.0/3

Right Out: 78.241+/-1.223 χ^2/NDF: 1542.7/18

Left In: 71.003+/-1.386 χ^2/NDF:100.1/2

+ sign 55.971+/-0.888 χ^2/NDF: 2089.7/20

All: 65.217+/-0.638 χ^2/NDF: 3971.9/42

- sign 75.074+/-0.917 χ^2/NDF: 1658.1/21

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug

Right In: -33.991+/-0.736 χ^2/NDF: 719.8/16

Left Out: -1.754+/-1.160 χ^2/NDF:5.7/3

Right Out: -36.719+/-0.737 χ^2/NDF: 542.9/18

Left In: 3.100+/-1.335 χ^2/NDF:5.4/2

+ sign -24.739+/-0.622 χ^2/NDF: 1275.7/20

All: -26.033+/-0.448 χ^2/NDF: 2514.7/42

- sign -27.427+/-0.645 χ^2/NDF: 1229.9/21

reg_asym_at1_avg_diff_bpm12X_slope vs Slug

Right In: -16.408+/-0.044 χ^2/NDF: 474368.4/16

Left Out: -32.967+/-0.052 χ^2/NDF:29972.8/3

Right Out: -18.934+/-0.045 χ^2/NDF: 434152.2/18

Left In: -38.285+/-0.054 χ^2/NDF:36906.7/2

+ sign -23.342+/-0.034 χ^2/NDF: 562534.2/20

All: -25.128+/-0.024 χ^2/NDF: 1115441.0/42

- sign -26.989+/-0.035 χ^2/NDF: 547226.2/21

reg_asym_at1_dd_diff_bpm1X_slope vs Slug

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 26.845+/-1.091 χ^2/NDF:114.6/3

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 14.918+/-1.114 χ^2/NDF:5.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 21.010+/-0.780 χ^2/NDF: 178.7/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug

Right In: -0.414+/-0.653 χ^2/NDF: 119.9/16

Left Out: -3.731+/-0.896 χ^2/NDF:8.8/3

Right Out: -0.342+/-0.658 χ^2/NDF: 83.7/18

Left In: -1.675+/-0.980 χ^2/NDF:2.8/2

+ sign -1.565+/-0.528 χ^2/NDF: 137.7/20

All: -1.174+/-0.380 χ^2/NDF: 226.6/42

- sign -0.756+/-0.546 χ^2/NDF: 87.8/21

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug

Right In: 17.328+/-1.239 χ^2/NDF: 943.2/16

Left Out: 12.814+/-1.171 χ^2/NDF:799.2/3

Right Out: 25.701+/-1.243 χ^2/NDF: 1379.1/18

Left In: 35.577+/-1.195 χ^2/NDF:13.6/2

+ sign 14.944+/-0.851 χ^2/NDF: 1749.3/20

All: 22.788+/-0.605 χ^2/NDF: 3347.0/42

- sign 30.831+/-0.862 χ^2/NDF: 1425.5/21

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug

Right In: -0.059+/-0.744 χ^2/NDF: 76.5/16

Left Out: 4.681+/-1.060 χ^2/NDF:9.2/3

Right Out: 0.326+/-0.749 χ^2/NDF: 55.1/18

Left In: 3.717+/-1.139 χ^2/NDF:2.9/2

+ sign 1.504+/-0.609 χ^2/NDF: 99.1/20

All: 1.429+/-0.436 χ^2/NDF: 163.4/42

- sign 1.350+/-0.626 χ^2/NDF: 64.2/21

reg_asym_at1_dd_diff_bpm12X_slope vs Slug

Right In: 7.454+/-0.044 χ^2/NDF: 356053.3/16

Left Out: 5.090+/-0.048 χ^2/NDF:52405.1/3

Right Out: 3.502+/-0.046 χ^2/NDF: 510579.7/18

Left In: -0.912+/-0.047 χ^2/NDF:3756.7/2

+ sign 6.354+/-0.032 χ^2/NDF: 409777.2/20

All: 3.853+/-0.023 χ^2/NDF: 940592.3/42

- sign 1.342+/-0.033 χ^2/NDF: 518933.1/21

reg_asym_at2_avg_diff_bpm1X_slope vs Slug

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -362.893+/-4.468 χ^2/NDF:413.5/3

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -517.208+/-5.620 χ^2/NDF:25.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -422.656+/-3.497 χ^2/NDF: 901.3/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug

Right In: -12.500+/-2.311 χ^2/NDF: 341.1/16

Left Out: -10.721+/-3.379 χ^2/NDF:15.8/3

Right Out: -5.363+/-2.264 χ^2/NDF: 344.6/18

Left In: -0.052+/-4.700 χ^2/NDF:10.2/2

+ sign -11.933+/-1.908 χ^2/NDF: 357.1/20

All: -8.401+/-1.393 χ^2/NDF: 720.2/42

- sign -4.362+/-2.040 χ^2/NDF: 355.8/21

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug

Right In: 588.421+/-4.320 χ^2/NDF: 2130.2/16

Left Out: 411.596+/-4.783 χ^2/NDF:515.2/3

Right Out: 567.451+/-4.137 χ^2/NDF: 2784.8/18

Left In: 590.025+/-6.023 χ^2/NDF:20.2/2

+ sign 508.970+/-3.206 χ^2/NDF: 3398.0/20

All: 539.805+/-2.336 χ^2/NDF: 6409.8/42

- sign 574.687+/-3.410 χ^2/NDF: 2814.6/21

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug

Right In: 150.891+/-2.674 χ^2/NDF: 634.8/16

Left Out: 136.512+/-4.045 χ^2/NDF:144.5/3

Right Out: 134.381+/-2.620 χ^2/NDF: 584.9/18

Left In: 164.819+/-5.516 χ^2/NDF:25.5/2

+ sign 146.518+/-2.231 χ^2/NDF: 788.1/20

All: 143.444+/-1.623 χ^2/NDF: 1427.5/42

- sign 139.983+/-2.366 χ^2/NDF: 635.3/21

reg_asym_at2_avg_diff_bpm12X_slope vs Slug

Right In: -234.341+/-0.148 χ^2/NDF: 145165.1/16

Left Out: -249.292+/-0.196 χ^2/NDF:143490.6/3

Right Out: -226.716+/-0.141 χ^2/NDF: 99440.4/18

Left In: -315.910+/-0.238 χ^2/NDF:7337.1/2

+ sign -239.788+/-0.118 χ^2/NDF: 292358.2/20

All: -244.774+/-0.085 χ^2/NDF: 506921.8/42

- sign -250.034+/-0.121 χ^2/NDF: 210909.8/21

reg_asym_at2_dd_diff_bpm1X_slope vs Slug

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 45.683+/-1.355 χ^2/NDF:1666.4/3

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 52.438+/-1.326 χ^2/NDF:61.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 49.132+/-0.948 χ^2/NDF: 1740.5/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug

Right In: -7.381+/-0.779 χ^2/NDF: 283.6/16

Left Out: -5.797+/-1.149 χ^2/NDF:6.0/3

Right Out: -7.256+/-0.762 χ^2/NDF: 257.3/18

Left In: -5.244+/-1.174 χ^2/NDF:10.7/2

+ sign -6.883+/-0.645 χ^2/NDF: 290.9/20

All: -6.770+/-0.454 χ^2/NDF: 561.0/42

- sign -6.660+/-0.639 χ^2/NDF: 270.1/21

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug

Right In: 117.302+/-1.409 χ^2/NDF: 2161.3/16

Left Out: 35.986+/-1.455 χ^2/NDF:2024.6/3

Right Out: 115.405+/-1.361 χ^2/NDF: 2150.5/18

Left In: 27.465+/-1.423 χ^2/NDF:52.7/2

+ sign 77.975+/-1.012 χ^2/NDF: 5797.6/20

All: 75.624+/-0.705 χ^2/NDF: 10006.5/42

- sign 73.404+/-0.983 χ^2/NDF: 4198.4/21

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug

Right In: 22.250+/-0.889 χ^2/NDF: 1071.4/16

Left Out: 0.480+/-1.358 χ^2/NDF:201.3/3

Right Out: 18.395+/-0.872 χ^2/NDF: 1077.1/18

Left In: -7.514+/-1.364 χ^2/NDF:14.4/2

+ sign 15.716+/-0.744 χ^2/NDF: 1452.7/20

All: 13.267+/-0.523 χ^2/NDF: 2821.8/42

- sign 10.879+/-0.735 χ^2/NDF: 1347.7/21

reg_asym_at2_dd_diff_bpm12X_slope vs Slug

Right In: -6.482+/-0.046 χ^2/NDF: 265804.1/16

Left Out: 17.290+/-0.059 χ^2/NDF:330795.1/3

Right Out: -2.751+/-0.046 χ^2/NDF: 266291.4/18

Left In: 26.060+/-0.055 χ^2/NDF:8879.4/2

+ sign 2.480+/-0.036 χ^2/NDF: 696572.0/20

All: 5.849+/-0.025 χ^2/NDF: 1150323.8/42

- sign 8.986+/-0.035 χ^2/NDF: 437242.5/21

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -210.767+/-2.751 χ^2/NDF:93.3/3

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -260.320+/-3.125 χ^2/NDF:41.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -232.401+/-2.065 χ^2/NDF: 276.8/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug

Right In: -2.981+/-1.450 χ^2/NDF: 203.9/16

Left Out: -9.240+/-2.143 χ^2/NDF:10.1/3

Right Out: -2.548+/-1.399 χ^2/NDF: 218.1/18

Left In: -1.815+/-2.644 χ^2/NDF:3.6/2

+ sign -4.948+/-1.201 χ^2/NDF: 219.8/20

All: -3.705+/-0.862 χ^2/NDF: 443.8/42

- sign -2.388+/-1.236 χ^2/NDF: 221.8/21

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug

Right In: 266.624+/-2.477 χ^2/NDF: 7662.7/16

Left Out: 292.805+/-2.948 χ^2/NDF:93.1/3

Right Out: 261.551+/-2.458 χ^2/NDF: 8208.2/18

Left In: 362.739+/-3.350 χ^2/NDF:33.2/2

+ sign 277.459+/-1.897 χ^2/NDF: 7802.0/20

All: 286.781+/-1.370 χ^2/NDF: 16687.1/42

- sign 296.958+/-1.982 χ^2/NDF: 8834.5/21

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug

Right In: 62.566+/-1.678 χ^2/NDF: 722.4/16

Left Out: 88.317+/-2.561 χ^2/NDF:4.5/3

Right Out: 50.526+/-1.643 χ^2/NDF: 657.0/18

Left In: 80.599+/-3.099 χ^2/NDF:17.3/2

+ sign 70.301+/-1.404 χ^2/NDF: 797.7/20

All: 63.937+/-1.009 χ^2/NDF: 1588.0/42

- sign 57.128+/-1.452 χ^2/NDF: 747.8/21

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug

Right In: -53.567+/-0.070 χ^2/NDF: 1230233.3/16

Left Out: -157.962+/-0.121 χ^2/NDF:7183.2/3

Right Out: -55.502+/-0.072 χ^2/NDF: 969632.0/18

Left In: -164.648+/-0.132 χ^2/NDF:11792.9/2

+ sign -79.844+/-0.061 χ^2/NDF: 1792890.6/20

All: -80.204+/-0.044 χ^2/NDF: 3304003.9/42

- sign -80.591+/-0.063 χ^2/NDF: 1511040.4/21

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 184.687+/-2.344 χ^2/NDF:127.7/3

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 202.604+/-2.418 χ^2/NDF:62.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 193.369+/-1.683 χ^2/NDF: 218.2/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug

Right In: 22.221+/-1.374 χ^2/NDF: 385.6/16

Left Out: 9.797+/-1.841 χ^2/NDF:21.1/3

Right Out: 16.466+/-1.230 χ^2/NDF: 425.9/18

Left In: 4.080+/-2.003 χ^2/NDF:25.0/2

+ sign 17.778+/-1.101 χ^2/NDF: 436.0/20

All: 15.310+/-0.759 χ^2/NDF: 924.2/42

- sign 13.075+/-1.048 χ^2/NDF: 478.7/21

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug

Right In: -332.037+/-2.562 χ^2/NDF: 784.9/16

Left Out: -243.101+/-2.512 χ^2/NDF:401.9/3

Right Out: -275.853+/-2.324 χ^2/NDF: 3362.8/18

Left In: -252.734+/-2.590 χ^2/NDF:60.0/2

+ sign -286.693+/-1.794 χ^2/NDF: 1801.3/20

All: -275.736+/-1.245 χ^2/NDF: 5340.3/42

- sign -265.542+/-1.730 χ^2/NDF: 3467.0/21

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug

Right In: -110.745+/-1.578 χ^2/NDF: 513.4/16

Left Out: -86.074+/-2.201 χ^2/NDF:12.8/3

Right Out: -88.600+/-1.435 χ^2/NDF: 969.7/18

Left In: -77.193+/-2.351 χ^2/NDF:30.9/2

+ sign -102.371+/-1.282 χ^2/NDF: 609.2/20

All: -93.550+/-0.886 χ^2/NDF: 1717.5/42

- sign -85.505+/-1.225 χ^2/NDF: 1017.8/21

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug

Right In: 127.179+/-0.089 χ^2/NDF: 188050.9/16

Left Out: 130.298+/-0.104 χ^2/NDF:14060.0/3

Right Out: 82.684+/-0.075 χ^2/NDF: 765716.0/18

Left In: 123.448+/-0.103 χ^2/NDF:93.2/2

+ sign 128.503+/-0.068 χ^2/NDF: 202631.9/20

All: 111.047+/-0.045 χ^2/NDF: 1191696.0/42

- sign 96.929+/-0.061 χ^2/NDF: 868222.8/21

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -207.741+/-2.915 χ^2/NDF:1263.1/3

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -328.324+/-3.520 χ^2/NDF:18.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -256.799+/-2.245 χ^2/NDF: 1977.9/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug

Right In: 7.284+/-1.084 χ^2/NDF: 261.0/16

Left Out: 0.083+/-2.244 χ^2/NDF:16.0/3

Right Out: 9.505+/-1.074 χ^2/NDF: 231.5/18

Left In: 5.225+/-2.977 χ^2/NDF:3.0/2

+ sign 5.923+/-0.976 χ^2/NDF: 285.4/20

All: 7.413+/-0.702 χ^2/NDF: 526.6/42

- sign 9.011+/-1.011 χ^2/NDF: 236.4/21

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug

Right In: 269.748+/-2.071 χ^2/NDF: 1374.1/16

Left Out: 159.559+/-3.122 χ^2/NDF:1557.2/3

Right Out: 260.206+/-1.978 χ^2/NDF: 2541.6/18

Left In: 300.207+/-3.773 χ^2/NDF:16.1/2

+ sign 236.069+/-1.726 χ^2/NDF: 3796.2/20

All: 252.207+/-1.229 χ^2/NDF: 6619.5/42

- sign 268.829+/-1.752 χ^2/NDF: 2645.8/21

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug

Right In: 42.006+/-1.255 χ^2/NDF: 575.6/16

Left Out: 52.367+/-2.679 χ^2/NDF:284.9/3

Right Out: 37.284+/-1.237 χ^2/NDF: 472.6/18

Left In: 84.413+/-3.488 χ^2/NDF:16.0/2

+ sign 43.872+/-1.137 χ^2/NDF: 872.7/20

All: 43.228+/-0.814 χ^2/NDF: 1524.2/42

- sign 42.550+/-1.166 χ^2/NDF: 650.8/21

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug

Right In: -117.516+/-0.078 χ^2/NDF: 142016.6/16

Left Out: -131.402+/-0.128 χ^2/NDF:331510.9/3

Right Out: -105.892+/-0.073 χ^2/NDF: 324304.4/18

Left In: -190.136+/-0.148 χ^2/NDF:12595.8/2

+ sign -121.284+/-0.067 χ^2/NDF: 482126.9/20

All: -121.798+/-0.047 χ^2/NDF: 1079855.6/42

- sign -122.293+/-0.065 χ^2/NDF: 597611.5/21

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 141.489+/-2.547 χ^2/NDF:1788.6/3

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 242.623+/-2.907 χ^2/NDF:6.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 185.403+/-1.916 χ^2/NDF: 2480.0/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug

Right In: 12.561+/-1.056 χ^2/NDF: 347.7/16

Left Out: 9.020+/-1.982 χ^2/NDF:8.1/3

Right Out: 9.519+/-1.051 χ^2/NDF: 296.2/18

Left In: 0.071+/-2.450 χ^2/NDF:21.4/2

+ sign 11.779+/-0.932 χ^2/NDF: 358.3/20

All: 9.982+/-0.670 χ^2/NDF: 696.2/42

- sign 8.052+/-0.966 χ^2/NDF: 330.2/21

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug

Right In: -218.925+/-2.006 χ^2/NDF: 1146.6/16

Left Out: -145.610+/-2.729 χ^2/NDF:2187.3/3

Right Out: -211.968+/-1.924 χ^2/NDF: 1886.2/18

Left In: -263.477+/-3.117 χ^2/NDF:4.8/2

+ sign -193.209+/-1.616 χ^2/NDF: 3802.4/20

All: -209.483+/-1.150 χ^2/NDF: 6096.6/42

- sign -226.185+/-1.637 χ^2/NDF: 2088.8/21

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug

Right In: -77.342+/-1.219 χ^2/NDF: 817.2/16

Left Out: -66.813+/-2.364 χ^2/NDF:297.3/3

Right Out: -72.836+/-1.209 χ^2/NDF: 672.9/18

Left In: -87.960+/-2.871 χ^2/NDF:40.2/2

+ sign -75.130+/-1.084 χ^2/NDF: 1130.2/20

All: -75.122+/-0.777 χ^2/NDF: 1866.9/42

- sign -75.113+/-1.114 χ^2/NDF: 736.7/21

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug

Right In: 97.452+/-0.073 χ^2/NDF: 94476.4/16

Left Out: 100.548+/-0.112 χ^2/NDF:446949.8/3

Right Out: 87.315+/-0.068 χ^2/NDF: 221837.7/18

Left In: 151.584+/-0.123 χ^2/NDF:5406.3/2

+ sign 98.381+/-0.061 χ^2/NDF: 541961.9/20

All: 100.503+/-0.043 χ^2/NDF: 981263.3/42

- sign 102.511+/-0.060 χ^2/NDF: 436968.2/21

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 161.727+/-2.133 χ^2/NDF:378.5/3

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 222.561+/-2.531 χ^2/NDF:28.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 186.992+/-1.631 χ^2/NDF: 744.6/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug

Right In: 17.786+/-1.146 χ^2/NDF: 395.1/16

Left Out: 7.523+/-1.626 χ^2/NDF:15.9/3

Right Out: 12.294+/-1.086 χ^2/NDF: 443.7/18

Left In: 2.243+/-2.103 χ^2/NDF:24.4/2

+ sign 14.377+/-0.937 χ^2/NDF: 437.7/20

All: 12.340+/-0.672 χ^2/NDF: 933.6/42

- sign 10.178+/-0.965 χ^2/NDF: 486.2/21

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug

Right In: -278.393+/-2.168 χ^2/NDF: 910.5/16

Left Out: -197.665+/-2.284 χ^2/NDF:261.8/3

Right Out: -254.703+/-2.020 χ^2/NDF: 2038.5/18

Left In: -258.086+/-2.712 χ^2/NDF:25.2/2

+ sign -240.136+/-1.572 χ^2/NDF: 1829.6/20

All: -247.787+/-1.128 χ^2/NDF: 3943.1/42

- sign -255.910+/-1.620 χ^2/NDF: 2064.7/21

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug

Right In: -95.135+/-1.322 χ^2/NDF: 674.9/16

Left Out: -72.088+/-1.944 χ^2/NDF:150.4/3

Right Out: -84.124+/-1.259 χ^2/NDF: 782.9/18

Left In: -82.891+/-2.469 χ^2/NDF:39.4/2

+ sign -87.844+/-1.093 χ^2/NDF: 921.4/20

All: -85.907+/-0.783 χ^2/NDF: 1750.2/42

- sign -83.870+/-1.121 χ^2/NDF: 822.4/21

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug

Right In: 115.724+/-0.078 χ^2/NDF: 106388.1/16

Left Out: 113.084+/-0.094 χ^2/NDF:114694.8/3

Right Out: 99.049+/-0.069 χ^2/NDF: 173463.3/18

Left In: 137.827+/-0.107 χ^2/NDF:2048.0/2

+ sign 114.643+/-0.060 χ^2/NDF: 221552.0/20

All: 112.378+/-0.042 χ^2/NDF: 492583.3/42

- sign 110.275+/-0.058 χ^2/NDF: 268276.6/21

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 30.595+/-0.909 χ^2/NDF:1274.7/3

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 34.165+/-0.893 χ^2/NDF:17.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 32.412+/-0.637 χ^2/NDF: 1300.3/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug

Right In: -4.730+/-0.580 χ^2/NDF: 174.8/16

Left Out: -4.471+/-0.759 χ^2/NDF:7.2/3

Right Out: -4.793+/-0.586 χ^2/NDF: 193.5/18

Left In: -3.545+/-0.779 χ^2/NDF:1.8/2

+ sign -4.635+/-0.461 χ^2/NDF: 182.1/20

All: -4.491+/-0.328 χ^2/NDF: 379.2/42

- sign -4.342+/-0.468 χ^2/NDF: 196.9/21

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug

Right In: 69.048+/-1.077 χ^2/NDF: 1847.9/16

Left Out: 33.445+/-0.976 χ^2/NDF:1027.0/3

Right Out: 75.878+/-1.069 χ^2/NDF: 1895.0/18

Left In: 31.008+/-0.957 χ^2/NDF:9.4/2

+ sign 49.500+/-0.723 χ^2/NDF: 3475.3/20

All: 50.244+/-0.508 χ^2/NDF: 6358.9/42

- sign 50.967+/-0.713 χ^2/NDF: 2881.6/21

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug

Right In: 11.565+/-0.658 χ^2/NDF: 478.2/16

Left Out: 4.336+/-0.898 χ^2/NDF:213.8/3

Right Out: 12.071+/-0.665 χ^2/NDF: 543.3/18

Left In: -1.840+/-0.907 χ^2/NDF:3.0/2

+ sign 9.037+/-0.531 χ^2/NDF: 734.2/20

All: 8.134+/-0.377 χ^2/NDF: 1439.4/42

- sign 7.213+/-0.536 χ^2/NDF: 699.4/21

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug

Right In: 1.855+/-0.037 χ^2/NDF: 359414.1/16

Left Out: 7.194+/-0.040 χ^2/NDF:215628.4/3

Right Out: -0.644+/-0.037 χ^2/NDF: 361625.7/18

Left In: 12.750+/-0.037 χ^2/NDF:1028.0/2

+ sign 4.330+/-0.027 χ^2/NDF: 584693.0/20

All: 5.197+/-0.019 χ^2/NDF: 1014277.9/42

- sign 6.012+/-0.026 χ^2/NDF: 427598.1/21

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -205.887+/-2.533 χ^2/NDF:371.1/3

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -293.987+/-3.203 χ^2/NDF:29.9/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -239.784+/-1.987 χ^2/NDF: 866.5/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug

Right In: 3.188+/-1.225 χ^2/NDF: 255.6/16

Left Out: -3.940+/-1.923 χ^2/NDF:14.5/3

Right Out: 4.497+/-1.160 χ^2/NDF: 225.4/18

Left In: 1.725+/-2.702 χ^2/NDF:3.3/2

+ sign 1.129+/-1.033 χ^2/NDF: 279.9/20

All: 2.553+/-0.742 χ^2/NDF: 513.4/42

- sign 4.066+/-1.066 χ^2/NDF: 229.6/21

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug

Right In: 274.079+/-2.191 χ^2/NDF: 5112.0/16

Left Out: 218.164+/-2.712 χ^2/NDF:682.5/3

Right Out: 256.109+/-2.080 χ^2/NDF: 6444.1/18

Left In: 331.138+/-3.433 χ^2/NDF:24.9/2

+ sign 251.995+/-1.704 χ^2/NDF: 6051.7/20

All: 263.606+/-1.231 χ^2/NDF: 12967.2/42

- sign 276.260+/-1.779 χ^2/NDF: 6818.4/21

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug

Right In: 54.065+/-1.421 χ^2/NDF: 634.4/16

Left Out: 67.350+/-2.300 χ^2/NDF:115.1/3

Right Out: 45.637+/-1.359 χ^2/NDF: 530.8/18

Left In: 82.494+/-3.168 χ^2/NDF:17.3/2

+ sign 57.734+/-1.209 χ^2/NDF: 773.7/20

All: 54.654+/-0.869 χ^2/NDF: 1449.5/42

- sign 51.364+/-1.249 χ^2/NDF: 662.4/21

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug

Right In: -91.074+/-0.068 χ^2/NDF: 534647.5/16

Left Out: -139.648+/-0.111 χ^2/NDF:141553.5/3

Right Out: -85.803+/-0.065 χ^2/NDF: 495895.1/18

Left In: -177.475+/-0.135 χ^2/NDF:13143.6/2

+ sign -104.201+/-0.058 χ^2/NDF: 816024.0/20

All: -103.657+/-0.041 χ^2/NDF: 1699993.5/42

- sign -103.096+/-0.059 χ^2/NDF: 883789.0/21

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -9.644+/-0.866 χ^2/NDF:1477.7/3

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -18.506+/-0.844 χ^2/NDF:59.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -14.187+/-0.604 χ^2/NDF: 1591.1/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug

Right In: 4.361+/-0.464 χ^2/NDF: 286.5/16

Left Out: 1.441+/-0.739 χ^2/NDF:6.1/3

Right Out: 4.670+/-0.474 χ^2/NDF: 185.4/18

Left In: 1.753+/-0.754 χ^2/NDF:13.3/2

+ sign 3.534+/-0.393 χ^2/NDF: 303.8/20

All: 3.686+/-0.281 χ^2/NDF: 513.5/42

- sign 3.844+/-0.401 χ^2/NDF: 209.4/21

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug

Right In: -54.392+/-0.863 χ^2/NDF: 1013.4/16

Left Out: -8.365+/-0.930 χ^2/NDF:2369.1/3

Right Out: -50.441+/-0.857 χ^2/NDF: 1324.7/18

Left In: 3.736+/-0.906 χ^2/NDF:65.9/2

+ sign -33.111+/-0.632 χ^2/NDF: 4699.1/20

All: -28.910+/-0.444 χ^2/NDF: 8063.6/42

- sign -24.837+/-0.623 χ^2/NDF: 3277.6/21

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug

Right In: -12.616+/-0.530 χ^2/NDF: 788.2/16

Left Out: 1.281+/-0.871 χ^2/NDF:130.0/3

Right Out: -12.912+/-0.538 χ^2/NDF: 730.2/18

Left In: 5.646+/-0.875 χ^2/NDF:16.1/2

+ sign -8.859+/-0.453 χ^2/NDF: 1104.0/20

All: -8.343+/-0.322 χ^2/NDF: 2179.5/42

- sign -7.815+/-0.458 χ^2/NDF: 1072.9/21

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug

Right In: 10.366+/-0.031 χ^2/NDF: 381003.5/16

Left Out: -6.880+/-0.038 χ^2/NDF:330300.9/3

Right Out: 7.719+/-0.031 χ^2/NDF: 545085.7/18

Left In: -13.340+/-0.035 χ^2/NDF:13206.6/2

+ sign 3.555+/-0.024 χ^2/NDF: 837260.3/20

All: 0.922+/-0.017 χ^2/NDF: 1620929.2/42

- sign -1.616+/-0.023 χ^2/NDF: 759536.7/21

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -11.597+/-0.127 χ^2/NDF:729.2/3

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -10.703+/-0.132 χ^2/NDF:1396.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -11.168+/-0.092 χ^2/NDF: 2149.5/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug

Right In: 1.495+/-0.061 χ^2/NDF: 708.8/16

Left Out: 0.357+/-0.107 χ^2/NDF:303.1/3

Right Out: 1.123+/-0.058 χ^2/NDF: 946.5/18

Left In: 0.156+/-0.120 χ^2/NDF:450.5/2

+ sign 1.215+/-0.053 χ^2/NDF: 1097.2/20

All: 1.075+/-0.037 χ^2/NDF: 2560.9/42

- sign 0.938+/-0.052 χ^2/NDF: 1449.8/21

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug

Right In: -2.200+/-0.111 χ^2/NDF: 461.0/16

Left Out: 12.378+/-0.137 χ^2/NDF:698.4/3

Right Out: -2.520+/-0.099 χ^2/NDF: 903.3/18

Left In: 11.396+/-0.142 χ^2/NDF:1300.2/2

+ sign 3.567+/-0.086 χ^2/NDF: 8033.7/20

All: 2.752+/-0.059 χ^2/NDF: 16866.5/42

- sign 2.024+/-0.081 χ^2/NDF: 8662.6/21

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug

Right In: -1.753+/-0.070 χ^2/NDF: 1345.0/16

Left Out: -0.918+/-0.126 χ^2/NDF:336.9/3

Right Out: -1.617+/-0.066 χ^2/NDF: 1487.5/18

Left In: -0.566+/-0.139 χ^2/NDF:421.5/2

+ sign -1.555+/-0.061 χ^2/NDF: 1715.5/20

All: -1.488+/-0.043 χ^2/NDF: 3673.8/42

- sign -1.425+/-0.059 χ^2/NDF: 1956.0/21

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug

Right In: 0.203+/-0.004 χ^2/NDF: 677.2/16

Left Out: 0.159+/-0.006 χ^2/NDF:138.3/3

Right Out: 0.216+/-0.004 χ^2/NDF: 1067.3/18

Left In: 0.129+/-0.005 χ^2/NDF:154.7/2

+ sign 0.187+/-0.003 χ^2/NDF: 856.2/20

All: 0.188+/-0.002 χ^2/NDF: 2253.8/42

- sign 0.189+/-0.003 χ^2/NDF: 1397.5/21

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -11.566+/-0.127 χ^2/NDF:732.8/3

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -10.673+/-0.132 χ^2/NDF:1402.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -11.137+/-0.091 χ^2/NDF: 2159.4/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug

Right In: 1.470+/-0.061 χ^2/NDF: 707.9/16

Left Out: 0.311+/-0.107 χ^2/NDF:305.3/3

Right Out: 1.092+/-0.058 χ^2/NDF: 952.1/18

Left In: 0.099+/-0.119 χ^2/NDF:463.8/2

+ sign 1.185+/-0.053 χ^2/NDF: 1102.4/20

All: 1.042+/-0.037 χ^2/NDF: 2588.9/42

- sign 0.902+/-0.052 χ^2/NDF: 1472.0/21

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug

Right In: -1.977+/-0.110 χ^2/NDF: 463.8/16

Left Out: 12.345+/-0.136 χ^2/NDF:701.9/3

Right Out: -2.294+/-0.098 χ^2/NDF: 906.6/18

Left In: 11.365+/-0.141 χ^2/NDF:1305.5/2

+ sign 3.686+/-0.086 χ^2/NDF: 7863.2/20

All: 2.880+/-0.059 χ^2/NDF: 16524.4/42

- sign 2.161+/-0.081 χ^2/NDF: 8493.2/21

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug

Right In: -1.726+/-0.070 χ^2/NDF: 1341.5/16

Left Out: -0.862+/-0.125 χ^2/NDF:339.6/3

Right Out: -1.584+/-0.065 χ^2/NDF: 1492.8/18

Left In: -0.496+/-0.138 χ^2/NDF:433.2/2

+ sign -1.521+/-0.061 χ^2/NDF: 1717.2/20

All: -1.451+/-0.042 χ^2/NDF: 3696.5/42

- sign -1.385+/-0.059 χ^2/NDF: 1976.7/21

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug

Right In: 0.200+/-0.004 χ^2/NDF: 662.5/16

Left Out: 0.158+/-0.005 χ^2/NDF:136.5/3

Right Out: 0.213+/-0.004 χ^2/NDF: 1050.9/18

Left In: 0.129+/-0.005 χ^2/NDF:157.3/2

+ sign 0.185+/-0.003 χ^2/NDF: 836.3/20

All: 0.186+/-0.002 χ^2/NDF: 2208.5/42

- sign 0.187+/-0.003 χ^2/NDF: 1372.0/21

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -11.603+/-0.127 χ^2/NDF:732.5/3

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -10.735+/-0.132 χ^2/NDF:1405.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -11.186+/-0.092 χ^2/NDF: 2159.8/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug

Right In: 1.413+/-0.061 χ^2/NDF: 713.9/16

Left Out: 0.260+/-0.107 χ^2/NDF:310.0/3

Right Out: 1.052+/-0.058 χ^2/NDF: 963.3/18

Left In: 0.054+/-0.120 χ^2/NDF:462.0/2

+ sign 1.129+/-0.053 χ^2/NDF: 1111.3/20

All: 0.994+/-0.037 χ^2/NDF: 2605.8/42

- sign 0.862+/-0.052 χ^2/NDF: 1481.5/21

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug

Right In: -2.006+/-0.111 χ^2/NDF: 463.3/16

Left Out: 12.349+/-0.137 χ^2/NDF:700.7/3

Right Out: -2.336+/-0.099 χ^2/NDF: 901.2/18

Left In: 11.393+/-0.142 χ^2/NDF:1307.2/2

+ sign 3.675+/-0.086 χ^2/NDF: 7828.9/20

All: 2.866+/-0.059 χ^2/NDF: 16493.2/42

- sign 2.145+/-0.081 χ^2/NDF: 8496.9/21

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug

Right In: -1.682+/-0.070 χ^2/NDF: 1347.8/16

Left Out: -0.824+/-0.126 χ^2/NDF:345.0/3

Right Out: -1.563+/-0.066 χ^2/NDF: 1504.7/18

Left In: -0.466+/-0.139 χ^2/NDF:431.8/2

+ sign -1.478+/-0.061 χ^2/NDF: 1728.2/20

All: -1.419+/-0.043 χ^2/NDF: 3717.7/42

- sign -1.363+/-0.059 χ^2/NDF: 1987.6/21

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug

Right In: 0.201+/-0.004 χ^2/NDF: 691.3/16

Left Out: 0.157+/-0.006 χ^2/NDF:136.2/3

Right Out: 0.214+/-0.004 χ^2/NDF: 1083.1/18

Left In: 0.129+/-0.005 χ^2/NDF:157.6/2

+ sign 0.185+/-0.003 χ^2/NDF: 867.7/20

All: 0.186+/-0.002 χ^2/NDF: 2274.0/42

- sign 0.187+/-0.003 χ^2/NDF: 1406.1/21

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -11.749+/-0.128 χ^2/NDF:720.7/3

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -10.928+/-0.134 χ^2/NDF:1383.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -11.355+/-0.093 χ^2/NDF: 2123.3/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug

Right In: 1.429+/-0.062 χ^2/NDF: 711.4/16

Left Out: 0.304+/-0.108 χ^2/NDF:293.3/3

Right Out: 1.104+/-0.059 χ^2/NDF: 936.5/18

Left In: 0.177+/-0.121 χ^2/NDF:421.5/2

+ sign 1.149+/-0.054 χ^2/NDF: 1086.2/20

All: 1.035+/-0.038 χ^2/NDF: 2500.3/42

- sign 0.924+/-0.053 χ^2/NDF: 1405.3/21

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug

Right In: -2.094+/-0.113 χ^2/NDF: 486.5/16

Left Out: 12.501+/-0.138 χ^2/NDF:690.7/3

Right Out: -2.278+/-0.101 χ^2/NDF: 918.6/18

Left In: 11.598+/-0.144 χ^2/NDF:1288.1/2

+ sign 3.739+/-0.087 χ^2/NDF: 7893.1/20

All: 2.988+/-0.060 χ^2/NDF: 16486.2/42

- sign 2.315+/-0.083 χ^2/NDF: 8452.5/21

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug

Right In: -1.696+/-0.072 χ^2/NDF: 1333.3/16

Left Out: -0.878+/-0.127 χ^2/NDF:327.7/3

Right Out: -1.624+/-0.067 χ^2/NDF: 1467.3/18

Left In: -0.633+/-0.140 χ^2/NDF:399.1/2

+ sign -1.500+/-0.062 χ^2/NDF: 1692.4/20

All: -1.469+/-0.043 χ^2/NDF: 3599.9/42

- sign -1.440+/-0.060 χ^2/NDF: 1907.1/21

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug

Right In: 0.207+/-0.004 χ^2/NDF: 656.3/16

Left Out: 0.163+/-0.006 χ^2/NDF:135.5/3

Right Out: 0.211+/-0.004 χ^2/NDF: 1145.7/18

Left In: 0.128+/-0.006 χ^2/NDF:146.9/2

+ sign 0.191+/-0.003 χ^2/NDF: 832.4/20

All: 0.188+/-0.002 χ^2/NDF: 2280.1/42

- sign 0.185+/-0.003 χ^2/NDF: 1446.0/21

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug

Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -12.059+/-0.131 χ^2/NDF:691.2/3

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -11.133+/-0.137 χ^2/NDF:1358.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -11.615+/-0.095 χ^2/NDF: 2073.3/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug

Right In: 1.513+/-0.063 χ^2/NDF: 669.7/16

Left Out: 0.397+/-0.110 χ^2/NDF:292.8/3

Right Out: 1.160+/-0.060 χ^2/NDF: 917.0/18

Left In: 0.209+/-0.123 χ^2/NDF:425.2/2

+ sign 1.240+/-0.054 χ^2/NDF: 1040.1/20

All: 1.108+/-0.038 χ^2/NDF: 2442.1/42

- sign 0.978+/-0.054 χ^2/NDF: 1390.3/21

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug

Right In: -2.350+/-0.114 χ^2/NDF: 439.7/16

Left Out: 12.878+/-0.141 χ^2/NDF:662.3/3

Right Out: -2.624+/-0.103 χ^2/NDF: 840.4/18

Left In: 11.857+/-0.147 χ^2/NDF:1263.4/2

+ sign 3.686+/-0.089 χ^2/NDF: 8137.9/20

All: 2.894+/-0.061 χ^2/NDF: 16918.6/42

- sign 2.178+/-0.084 χ^2/NDF: 8629.1/21

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug

Right In: -1.779+/-0.072 χ^2/NDF: 1272.1/16

Left Out: -0.972+/-0.130 χ^2/NDF:326.0/3

Right Out: -1.679+/-0.068 χ^2/NDF: 1429.6/18

Left In: -0.636+/-0.143 χ^2/NDF:398.3/2

+ sign -1.588+/-0.063 χ^2/NDF: 1627.6/20

All: -1.536+/-0.044 χ^2/NDF: 3500.1/42

- sign -1.487+/-0.061 χ^2/NDF: 1871.2/21

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug

Right In: 0.206+/-0.004 χ^2/NDF: 651.8/16

Left Out: 0.165+/-0.006 χ^2/NDF:146.9/3

Right Out: 0.223+/-0.004 χ^2/NDF: 1042.2/18

Left In: 0.136+/-0.006 χ^2/NDF:182.4/2

+ sign 0.191+/-0.003 χ^2/NDF: 831.2/20

All: 0.193+/-0.002 χ^2/NDF: 2218.3/42

- sign 0.195+/-0.003 χ^2/NDF: 1386.3/21