dit_asym_us_avg_mean vs Slug

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

Left Out: 1869.943+/-200.024 χ^2/NDF:15.0/21

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

Left In: -2035.512+/-200.707 χ^2/NDF:26.1/20

+ sign 1975.857+/-168.802 χ^2/NDF: 27.3/37

All: -34.310+/-119.152 χ^2/NDF: 348.6/76

- sign -2030.487+/-168.214 χ^2/NDF: 38.6/38

dit_asym_us_avg_rms vs Slug

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

Left Out: 819.200+/-0.141 χ^2/NDF:40499.8/21

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

Left In: 817.379+/-0.142 χ^2/NDF:28337.3/20

+ sign 817.709+/-0.119 χ^2/NDF: 82927.3/37

All: 817.201+/-0.084 χ^2/NDF: 131337.8/76

- sign 816.696+/-0.119 χ^2/NDF: 48374.3/38

asym_us_avg_correction_mean vs Slug

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

Left Out: -155.498+/-359.578 χ^2/NDF:28.2/21

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

Left In: -38.497+/-358.911 χ^2/NDF:14.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -96.889+/-254.024 χ^2/NDF: 42.6/42

- 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: 1438.336+/-0.254 χ^2/NDF:1086281.5/21

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

Left In: 1431.177+/-0.254 χ^2/NDF:1198217.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1434.750+/-0.180 χ^2/NDF: 2284895.8/42

- 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: 1895.954+/-408.056 χ^2/NDF:25.4/21

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

Left In: -1976.405+/-408.140 χ^2/NDF:16.0/20

+ sign 2189.704+/-330.388 χ^2/NDF: 40.4/37

All: 46.308+/-234.060 χ^2/NDF: 157.5/76

- sign -2113.338+/-331.638 χ^2/NDF: 32.6/38

asym_us_avg_rms vs Slug

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

Left Out: 1649.516+/-0.289 χ^2/NDF:649879.1/21

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

Left In: 1640.238+/-0.289 χ^2/NDF:734605.9/20

+ sign 1577.119+/-0.234 χ^2/NDF: 1110511.3/37

All: 1582.861+/-0.166 χ^2/NDF: 2196718.5/76

- sign 1588.646+/-0.235 χ^2/NDF: 1084994.4/38

dit_asym_us_dd_mean vs Slug

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

Left Out: -259.682+/-192.493 χ^2/NDF:19.3/21

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

Left In: 203.062+/-193.752 χ^2/NDF:24.9/20

+ sign -296.612+/-163.992 χ^2/NDF: 26.8/37

All: -85.996+/-115.429 χ^2/NDF: 68.6/76

- sign 120.809+/-162.501 χ^2/NDF: 38.5/38

dit_asym_us_dd_rms vs Slug

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

Left Out: 789.282+/-0.136 χ^2/NDF:9083.0/21

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

Left In: 789.523+/-0.137 χ^2/NDF:9179.0/20

+ sign 792.094+/-0.116 χ^2/NDF: 401825.4/37

All: 790.837+/-0.082 χ^2/NDF: 422413.4/76

- sign 789.603+/-0.115 χ^2/NDF: 20355.1/38

asym_us_dd_correction_mean vs Slug

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

Left Out: -2118.143+/-454.042 χ^2/NDF:21.8/21

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

Left In: 2179.993+/-454.451 χ^2/NDF:20.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 28.986+/-321.201 χ^2/NDF: 87.4/42

- 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: 1843.909+/-0.321 χ^2/NDF:447009.3/21

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

Left In: 1834.627+/-0.321 χ^2/NDF:503773.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1839.272+/-0.227 χ^2/NDF: 951200.4/42

- 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: 362.920+/-230.918 χ^2/NDF:36.5/21

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

Left In: 260.470+/-232.386 χ^2/NDF:23.0/20

+ sign 240.922+/-203.597 χ^2/NDF: 54.4/37

All: 273.561+/-144.145 χ^2/NDF: 86.0/76

- sign 306.364+/-204.107 χ^2/NDF: 31.5/38

asym_us_dd_rms vs Slug

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

Left Out: 946.018+/-0.163 χ^2/NDF:55568.7/21

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

Left In: 946.287+/-0.164 χ^2/NDF:44290.7/20

+ sign 981.466+/-0.144 χ^2/NDF: 522617.1/37

All: 982.923+/-0.102 χ^2/NDF: 1165306.0/76

- sign 984.387+/-0.144 χ^2/NDF: 642483.6/38

dit_asym_usl_mean vs Slug

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

Left Out: 1616.301+/-276.843 χ^2/NDF:21.0/21

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

Left In: -1823.151+/-278.277 χ^2/NDF:19.9/20

+ sign 1671.150+/-234.642 χ^2/NDF: 27.6/37

All: -129.474+/-165.422 χ^2/NDF: 177.8/76

- sign -1908.771+/-233.248 χ^2/NDF: 33.2/38

dit_asym_usl_rms vs Slug

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

Left Out: 1134.782+/-0.196 χ^2/NDF:14970.6/21

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

Left In: 1133.812+/-0.197 χ^2/NDF:13863.2/20

+ sign 1134.019+/-0.166 χ^2/NDF: 331050.7/37

All: 1133.497+/-0.117 χ^2/NDF: 364712.8/76

- sign 1132.980+/-0.165 χ^2/NDF: 33642.4/38

asym_usl_correction_mean vs Slug

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

Left Out: -864.095+/-381.626 χ^2/NDF:39.3/21

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

Left In: -143.308+/-381.664 χ^2/NDF:11.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -503.737+/-269.863 χ^2/NDF: 52.4/42

- 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: 1533.361+/-0.270 χ^2/NDF:886386.8/21

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

Left In: 1529.015+/-0.270 χ^2/NDF:929380.1/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1531.188+/-0.191 χ^2/NDF: 1815896.6/42

- 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: 2344.301+/-473.167 χ^2/NDF:37.9/21

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

Left In: -1653.707+/-474.087 χ^2/NDF:10.4/20

+ sign 2387.617+/-367.719 χ^2/NDF: 48.7/37

All: 322.233+/-260.070 χ^2/NDF: 145.0/76

- sign -1744.844+/-367.869 χ^2/NDF: 33.2/38

asym_usl_rms vs Slug

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

Left Out: 1923.217+/-0.335 χ^2/NDF:411818.7/21

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

Left In: 1915.633+/-0.335 χ^2/NDF:434832.8/20

+ sign 1755.002+/-0.260 χ^2/NDF: 1308861.1/37

All: 1755.801+/-0.184 χ^2/NDF: 2789866.3/76

- sign 1756.600+/-0.260 χ^2/NDF: 1480986.3/38

dit_asym_usr_mean vs Slug

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

Left Out: 2171.249+/-273.559 χ^2/NDF:13.7/22

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

Left In: -2258.987+/-279.663 χ^2/NDF:30.6/20

+ sign 2281.207+/-234.199 χ^2/NDF: 26.6/39

All: 44.151+/-165.502 χ^2/NDF: 253.2/79

- sign -2187.409+/-233.911 χ^2/NDF: 44.3/39

dit_asym_usr_rms vs Slug

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

Left Out: 1142.625+/-0.193 χ^2/NDF:38121.7/22

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

Left In: 1139.065+/-0.198 χ^2/NDF:24810.2/20

+ sign 1148.640+/-0.166 χ^2/NDF: 320311.8/39

All: 1144.100+/-0.117 χ^2/NDF: 359362.5/79

- sign 1139.572+/-0.165 χ^2/NDF: 37549.7/39

asym_usr_correction_mean vs Slug

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

Left Out: 650.668+/-382.355 χ^2/NDF:28.0/22

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

Left In: 45.769+/-388.760 χ^2/NDF:20.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 353.243+/-272.602 χ^2/NDF: 49.3/43

- 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: 1569.307+/-0.270 χ^2/NDF:764859.6/22

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

Left In: 1557.245+/-0.275 χ^2/NDF:920300.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1563.376+/-0.193 χ^2/NDF: 1686138.4/43

- 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: 1405.220+/-464.373 χ^2/NDF:19.7/22

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

Left In: -2245.706+/-474.411 χ^2/NDF:24.6/20

+ sign 1826.432+/-401.329 χ^2/NDF: 41.5/39

All: -259.907+/-285.917 χ^2/NDF: 133.0/79

- sign -2410.220+/-407.436 χ^2/NDF: 36.6/39

asym_usr_rms vs Slug

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

Left Out: 1925.992+/-0.328 χ^2/NDF:359974.0/22

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

Left In: 1917.218+/-0.335 χ^2/NDF:435246.8/20

+ sign 1954.956+/-0.284 χ^2/NDF: 722056.4/39

All: 1960.849+/-0.202 χ^2/NDF: 1437251.4/79

- sign 1966.922+/-0.288 χ^2/NDF: 714319.5/39

dit_asym_at1_avg_mean vs Slug

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

Left Out: 1818.961+/-444.609 χ^2/NDF:24.5/22

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

Left In: -2191.949+/-454.773 χ^2/NDF:26.5/20

+ sign 1936.647+/-388.789 χ^2/NDF: 39.6/39

All: -43.507+/-276.474 χ^2/NDF: 136.0/79

- sign -2069.210+/-393.235 χ^2/NDF: 44.0/39

dit_asym_at1_avg_rms vs Slug

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

Left Out: 1852.675+/-0.314 χ^2/NDF:25725.2/22

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

Left In: 1846.477+/-0.322 χ^2/NDF:7797.9/20

+ sign 1888.417+/-0.275 χ^2/NDF: 996658.8/39

All: 1891.011+/-0.195 χ^2/NDF: 1700983.5/79

- sign 1893.664+/-0.278 χ^2/NDF: 704144.6/39

asym_at1_avg_correction_mean vs Slug

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

Left Out: -200.661+/-154.086 χ^2/NDF:32.4/22

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

Left In: -9.543+/-157.947 χ^2/NDF:11.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -107.467+/-110.295 χ^2/NDF: 44.9/43

- 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: 618.437+/-0.109 χ^2/NDF:2094023.3/22

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

Left In: 620.282+/-0.112 χ^2/NDF:2149151.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 619.337+/-0.078 χ^2/NDF: 4243314.9/43

- 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: 1764.527+/-477.618 χ^2/NDF:27.6/22

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

Left In: -2147.996+/-489.014 χ^2/NDF:25.3/20

+ sign 1954.966+/-417.096 χ^2/NDF: 43.8/39

All: -11.688+/-297.434 χ^2/NDF: 135.1/79

- sign -2046.533+/-424.266 χ^2/NDF: 46.0/39

asym_at1_avg_rms vs Slug

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

Left Out: 1986.882+/-0.338 χ^2/NDF:125706.2/22

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

Left In: 1982.351+/-0.346 χ^2/NDF:109699.7/20

+ sign 2027.537+/-0.295 χ^2/NDF: 900612.8/39

All: 2031.701+/-0.210 χ^2/NDF: 1911119.7/79

- sign 2036.010+/-0.300 χ^2/NDF: 1010101.3/39

dit_asym_at1_dd_mean vs Slug

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

Left Out: -757.590+/-442.691 χ^2/NDF:23.0/22

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

Left In: 397.436+/-453.172 χ^2/NDF:31.2/20

+ sign -584.740+/-387.501 χ^2/NDF: 39.5/39

All: -8.323+/-275.065 χ^2/NDF: 95.1/79

- sign 577.102+/-390.517 χ^2/NDF: 51.2/39

dit_asym_at1_dd_rms vs Slug

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

Left Out: 1844.753+/-0.313 χ^2/NDF:24658.6/22

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

Left In: 1840.042+/-0.320 χ^2/NDF:6045.8/20

+ sign 1883.451+/-0.274 χ^2/NDF: 929773.2/39

All: 1882.966+/-0.195 χ^2/NDF: 1371454.0/79

- sign 1882.472+/-0.276 χ^2/NDF: 441674.4/39

asym_at1_dd_correction_mean vs Slug

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

Left Out: 414.105+/-103.029 χ^2/NDF:61.7/22

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

Left In: 21.226+/-105.180 χ^2/NDF:26.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 221.724+/-73.601 χ^2/NDF: 95.1/43

- 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: 424.946+/-0.073 χ^2/NDF:652067.6/22

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

Left In: 425.516+/-0.074 χ^2/NDF:368796.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 425.225+/-0.052 χ^2/NDF: 1020894.0/43

- 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: -1208.404+/-455.512 χ^2/NDF:26.9/22

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

Left In: 407.293+/-465.830 χ^2/NDF:28.9/20

+ sign -1045.599+/-403.059 χ^2/NDF: 45.6/39

All: -255.561+/-287.555 χ^2/NDF: 99.7/79

- sign 563.389+/-410.367 χ^2/NDF: 46.3/39

asym_at1_dd_rms vs Slug

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

Left Out: 1898.087+/-0.322 χ^2/NDF:35039.0/22

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

Left In: 1891.571+/-0.329 χ^2/NDF:7225.5/20

+ sign 1957.871+/-0.285 χ^2/NDF: 999122.9/39

All: 1962.409+/-0.203 χ^2/NDF: 2137590.4/79

- sign 1967.113+/-0.290 χ^2/NDF: 1137951.1/39

dit_asym_at2_avg_mean vs Slug

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

Left Out: 970.114+/-555.622 χ^2/NDF:29.0/22

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

Left In: -3049.963+/-559.189 χ^2/NDF:13.1/20

+ sign 1494.316+/-450.225 χ^2/NDF: 37.5/39

All: -590.300+/-316.648 χ^2/NDF: 118.0/79

- sign -2630.755+/-445.430 χ^2/NDF: 38.1/39

dit_asym_at2_avg_rms vs Slug

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

Left Out: 2287.352+/-0.393 χ^2/NDF:592064.4/22

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

Left In: 2258.374+/-0.395 χ^2/NDF:210677.6/20

+ sign 2166.149+/-0.318 χ^2/NDF: 1508123.1/39

All: 2143.877+/-0.224 χ^2/NDF: 2805587.8/79

- sign 2122.080+/-0.315 χ^2/NDF: 1287780.7/39

asym_at2_avg_correction_mean vs Slug

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

Left Out: -124.942+/-2203.265 χ^2/NDF:28.6/22

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

Left In: -226.455+/-2433.424 χ^2/NDF:14.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -170.672+/-1633.267 χ^2/NDF: 43.2/43

- 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: 8763.356+/-1.558 χ^2/NDF:2778438.6/22

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

Left In: 9727.982+/-1.721 χ^2/NDF:1033191.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 9197.904+/-1.155 χ^2/NDF: 3984330.5/43

- 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: 982.717+/-2303.306 χ^2/NDF:26.8/22

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

Left In: -2917.164+/-2444.965 χ^2/NDF:13.1/20

+ sign 2597.160+/-1814.578 χ^2/NDF: 42.5/39

All: -350.124+/-1291.624 χ^2/NDF: 76.7/79

- sign -3377.045+/-1838.931 χ^2/NDF: 28.8/39

asym_at2_avg_rms vs Slug

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

Left Out: 9362.458+/-1.629 χ^2/NDF:1489746.9/22

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

Left In: 9780.342+/-1.729 χ^2/NDF:987972.3/20

+ sign 8649.765+/-1.283 χ^2/NDF: 2426307.8/39

All: 8652.752+/-0.913 χ^2/NDF: 4947060.2/79

- sign 8655.820+/-1.300 χ^2/NDF: 2520741.4/39

dit_asym_at2_dd_mean vs Slug

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

Left Out: -343.034+/-433.120 χ^2/NDF:25.3/22

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

Left In: -63.703+/-438.393 χ^2/NDF:19.0/20

+ sign -567.810+/-365.181 χ^2/NDF: 38.5/39

All: -303.413+/-256.954 χ^2/NDF: 74.0/79

- sign -44.148+/-361.620 χ^2/NDF: 34.5/39

dit_asym_at2_dd_rms vs Slug

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

Left Out: 1792.632+/-0.306 χ^2/NDF:581184.6/22

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

Left In: 1779.060+/-0.310 χ^2/NDF:176208.1/20

+ sign 1766.221+/-0.258 χ^2/NDF: 1385624.6/39

All: 1752.159+/-0.182 χ^2/NDF: 2210465.1/79

- sign 1738.369+/-0.256 χ^2/NDF: 818966.4/39

asym_at2_dd_correction_mean vs Slug

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

Left Out: 347.918+/-898.769 χ^2/NDF:28.1/22

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

Left In: 221.359+/-908.140 χ^2/NDF:19.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 285.295+/-638.813 χ^2/NDF: 47.8/43

- 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: 3718.760+/-0.636 χ^2/NDF:609586.7/22

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

Left In: 3685.648+/-0.642 χ^2/NDF:174258.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3702.375+/-0.452 χ^2/NDF: 785188.2/43

- 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: -635.881+/-496.894 χ^2/NDF:32.6/22

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

Left In: -286.364+/-500.880 χ^2/NDF:19.5/20

+ sign -311.682+/-441.472 χ^2/NDF: 56.2/39

All: -406.327+/-311.808 χ^2/NDF: 85.5/79

- sign -500.536+/-440.455 χ^2/NDF: 29.2/39

asym_at2_dd_rms vs Slug

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

Left Out: 2053.681+/-0.351 χ^2/NDF:687807.6/22

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

Left In: 2033.170+/-0.354 χ^2/NDF:161967.0/20

+ sign 2134.265+/-0.312 χ^2/NDF: 1406088.7/39

All: 2120.913+/-0.220 χ^2/NDF: 2422460.9/79

- sign 2107.623+/-0.311 χ^2/NDF: 1012722.2/39

dit_asym_atl_avg_mean vs Slug

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

Left Out: 820.659+/-469.814 χ^2/NDF:31.9/22

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

Left In: -2325.193+/-474.006 χ^2/NDF:26.0/20

+ sign 1123.004+/-389.121 χ^2/NDF: 45.7/39

All: -412.552+/-276.826 χ^2/NDF: 129.1/79

- sign -1986.105+/-393.906 χ^2/NDF: 51.9/39

dit_asym_atl_avg_rms vs Slug

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

Left Out: 1940.042+/-0.332 χ^2/NDF:543546.7/22

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

Left In: 1918.837+/-0.335 χ^2/NDF:151849.8/20

+ sign 1879.373+/-0.275 χ^2/NDF: 1332240.8/39

All: 1886.097+/-0.196 χ^2/NDF: 2054902.1/79

- sign 1892.982+/-0.278 χ^2/NDF: 721452.8/39

asym_atl_avg_correction_mean vs Slug

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

Left Out: -1384.347+/-701.339 χ^2/NDF:29.7/22

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

Left In: -26.758+/-1339.822 χ^2/NDF:14.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1092.363+/-621.358 χ^2/NDF: 44.6/43

- 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: 1962.829+/-0.496 χ^2/NDF:18761112.7/22

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

Left In: 5355.508+/-0.947 χ^2/NDF:1044510.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2692.510+/-0.439 χ^2/NDF: 29871447.9/4

- 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: 1190.082+/-1342.830 χ^2/NDF:30.8/22

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

Left In: -2816.682+/-1402.708 χ^2/NDF:11.7/20

+ sign 1511.973+/-934.500 χ^2/NDF: 45.9/39

All: 2.017+/-665.495 χ^2/NDF: 90.9/79

- sign -1551.711+/-947.948 χ^2/NDF: 39.7/39

asym_atl_avg_rms vs Slug

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

Left Out: 5502.597+/-0.950 χ^2/NDF:989472.8/22

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

Left In: 5617.519+/-0.992 χ^2/NDF:901380.5/20

+ sign 4269.538+/-0.661 χ^2/NDF: 6138543.8/39

All: 4244.054+/-0.469 χ^2/NDF: 12667617.1/7

- sign 4218.246+/-0.665 χ^2/NDF: 6526079.6/39

dit_asym_atl_dd_mean vs Slug

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

Left Out: 104.540+/-454.549 χ^2/NDF:29.8/22

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

Left In: 607.974+/-459.182 χ^2/NDF:5.2/20

+ sign 143.464+/-379.048 χ^2/NDF: 41.3/39

All: 392.606+/-268.810 χ^2/NDF: 73.2/79

- sign 644.680+/-381.272 χ^2/NDF: 31.0/39

dit_asym_atl_dd_rms vs Slug

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

Left Out: 1878.462+/-0.321 χ^2/NDF:521343.4/22

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

Left In: 1860.068+/-0.325 χ^2/NDF:131532.9/20

+ sign 1839.894+/-0.268 χ^2/NDF: 869509.0/39

All: 1837.566+/-0.190 χ^2/NDF: 1448348.7/79

- sign 1835.213+/-0.269 χ^2/NDF: 578688.1/39

asym_atl_dd_correction_mean vs Slug

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

Left Out: 324.688+/-491.462 χ^2/NDF:31.5/22

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

Left In: 186.181+/-1162.306 χ^2/NDF:13.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 303.681+/-452.660 χ^2/NDF: 44.8/43

- 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: 1198.960+/-0.348 χ^2/NDF:22518849.5/22

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

Left In: 4645.351+/-0.822 χ^2/NDF:1051122.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1721.678+/-0.320 χ^2/NDF: 38486989.5/4

- 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: -820.972+/-1192.722 χ^2/NDF:27.8/22

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

Left In: 257.318+/-1238.981 χ^2/NDF:13.8/20

+ sign -794.297+/-862.164 χ^2/NDF: 43.4/39

All: -71.338+/-608.403 χ^2/NDF: 73.7/79

- sign 645.772+/-858.669 χ^2/NDF: 29.0/39

asym_atl_dd_rms vs Slug

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

Left Out: 4898.077+/-0.843 χ^2/NDF:855900.7/22

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

Left In: 4967.153+/-0.876 χ^2/NDF:851571.7/20

+ sign 4042.316+/-0.610 χ^2/NDF: 3971964.5/39

All: 3991.839+/-0.429 χ^2/NDF: 8232628.6/79

- sign 3942.422+/-0.603 χ^2/NDF: 4247097.0/39

dit_asym_atr_avg_mean vs Slug

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

Left Out: 1890.124+/-492.702 χ^2/NDF:19.2/22

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

Left In: -2845.505+/-501.499 χ^2/NDF:28.4/20

+ sign 2191.919+/-418.854 χ^2/NDF: 30.4/39

All: -272.514+/-297.400 χ^2/NDF: 148.3/79

- sign -2778.156+/-422.341 χ^2/NDF: 48.0/39

dit_asym_atr_avg_rms vs Slug

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

Left Out: 2049.631+/-0.348 χ^2/NDF:126376.2/22

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

Left In: 2036.052+/-0.355 χ^2/NDF:81125.7/20

+ sign 2039.458+/-0.296 χ^2/NDF: 747158.4/39

All: 2036.185+/-0.210 χ^2/NDF: 1426232.0/79

- sign 2032.857+/-0.299 χ^2/NDF: 678827.3/39

asym_atr_avg_correction_mean vs Slug

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

Left Out: 28.138+/-1226.154 χ^2/NDF:28.1/22

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

Left In: -164.336+/-1253.078 χ^2/NDF:14.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -66.009+/-876.386 χ^2/NDF: 42.9/43

- 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: 5001.530+/-0.867 χ^2/NDF:1144750.4/22

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

Left In: 4996.822+/-0.886 χ^2/NDF:1195367.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4999.227+/-0.620 χ^2/NDF: 2340131.8/43

- 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: 1365.757+/-1300.810 χ^2/NDF:24.6/22

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

Left In: -2551.645+/-1330.470 χ^2/NDF:17.0/20

+ sign 2297.754+/-1065.571 χ^2/NDF: 40.3/39

All: -432.044+/-749.189 χ^2/NDF: 85.6/79

- sign -3100.632+/-1053.557 χ^2/NDF: 32.3/39

asym_atr_avg_rms vs Slug

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

Left Out: 5340.102+/-0.920 χ^2/NDF:864626.5/22

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

Left In: 5326.205+/-0.941 χ^2/NDF:951061.2/20

+ sign 5118.822+/-0.753 χ^2/NDF: 1818407.7/39

All: 5040.093+/-0.529 χ^2/NDF: 4019512.8/79

- sign 4963.462+/-0.743 χ^2/NDF: 2179560.7/39

dit_asym_atr_dd_mean vs Slug

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

Left Out: 603.783+/-480.488 χ^2/NDF:23.6/22

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

Left In: 147.157+/-490.048 χ^2/NDF:23.9/20

+ sign 168.731+/-411.438 χ^2/NDF: 39.8/39

All: 73.674+/-291.123 χ^2/NDF: 74.9/79

- sign -21.635+/-411.983 χ^2/NDF: 35.1/39

dit_asym_atr_dd_rms vs Slug

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

Left Out: 2000.442+/-0.340 χ^2/NDF:91474.9/22

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

Left In: 1990.515+/-0.347 χ^2/NDF:63330.1/20

+ sign 2003.864+/-0.291 χ^2/NDF: 741903.8/39

All: 1995.294+/-0.206 χ^2/NDF: 1102281.8/79

- sign 1986.706+/-0.291 χ^2/NDF: 358640.7/39

asym_atr_dd_correction_mean vs Slug

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

Left Out: -896.399+/-1068.893 χ^2/NDF:27.2/22

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

Left In: 133.202+/-1106.167 χ^2/NDF:17.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -399.238+/-768.661 χ^2/NDF: 44.6/43

- 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: 4345.493+/-0.756 χ^2/NDF:1346441.7/22

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

Left In: 4404.612+/-0.782 χ^2/NDF:1277772.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4374.040+/-0.544 χ^2/NDF: 2627168.2/43

- 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: 1323.700+/-1161.104 χ^2/NDF:26.0/22

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

Left In: 69.380+/-1198.120 χ^2/NDF:14.7/20

+ sign 208.888+/-975.286 χ^2/NDF: 50.0/39

All: 238.894+/-690.369 χ^2/NDF: 76.7/79

- sign 269.029+/-977.376 χ^2/NDF: 26.7/39

asym_atr_dd_rms vs Slug

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

Left Out: 4761.832+/-0.821 χ^2/NDF:941783.5/22

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

Left In: 4798.008+/-0.847 χ^2/NDF:945334.0/20

+ sign 4690.234+/-0.690 χ^2/NDF: 1737836.3/39

All: 4659.600+/-0.488 χ^2/NDF: 3576974.3/79

- sign 4628.950+/-0.690 χ^2/NDF: 1835190.5/39

dit_asym_atl_avg_atr_avg_avg_mean vs Slug

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

Left Out: 1365.377+/-367.832 χ^2/NDF:23.9/22

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

Left In: -2742.147+/-371.140 χ^2/NDF:22.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -670.000+/-261.258 χ^2/NDF: 107.6/43

- 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: 1521.352+/-0.260 χ^2/NDF:346738.5/22

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

Left In: 1501.886+/-0.262 χ^2/NDF:118804.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1511.706+/-0.185 χ^2/NDF: 468318.2/43

- 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: -273.613+/-1188.350 χ^2/NDF:28.6/22

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

Left In: -95.306+/-1301.842 χ^2/NDF:14.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -192.569+/-877.676 χ^2/NDF: 43.0/43

- 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: 4745.960+/-0.840 χ^2/NDF:2525915.5/22

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

Left In: 5205.212+/-0.921 χ^2/NDF:1025063.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4954.698+/-0.621 χ^2/NDF: 3686746.6/43

- 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: 1178.022+/-1258.389 χ^2/NDF:27.4/22

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

Left In: -2876.280+/-1328.776 χ^2/NDF:13.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -738.908+/-913.686 χ^2/NDF: 45.5/43

- 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: 5129.726+/-0.890 χ^2/NDF:1319277.5/22

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

Left In: 5319.808+/-0.940 χ^2/NDF:931775.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 5219.599+/-0.646 χ^2/NDF: 2272629.0/43

- 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: -568.273+/-314.021 χ^2/NDF:26.3/22

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

Left In: 143.365+/-318.899 χ^2/NDF:33.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -217.938+/-223.751 χ^2/NDF: 62.3/43

- 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: 1303.412+/-0.222 χ^2/NDF:302254.0/22

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

Left In: 1294.093+/-0.225 χ^2/NDF:55610.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1298.825+/-0.158 χ^2/NDF: 358731.5/43

- 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: -213.522+/-88.407 χ^2/NDF:40.4/22

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

Left In: -122.113+/-89.229 χ^2/NDF:14.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -168.241+/-62.802 χ^2/NDF: 55.0/43

- 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: 352.919+/-0.063 χ^2/NDF:2678940.7/22

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

Left In: 353.887+/-0.063 χ^2/NDF:1563952.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 353.399+/-0.044 χ^2/NDF: 4243012.6/43

- 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: -326.143+/-329.043 χ^2/NDF:28.4/22

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

Left In: 265.948+/-332.857 χ^2/NDF:29.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -33.509+/-234.005 χ^2/NDF: 59.5/43

- 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: 1361.946+/-0.233 χ^2/NDF:507697.6/22

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

Left In: 1350.649+/-0.235 χ^2/NDF:68623.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1356.362+/-0.165 χ^2/NDF: 577486.0/43

- 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: 373.605+/-353.436 χ^2/NDF:29.7/22

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

Left In: 382.764+/-357.162 χ^2/NDF:15.3/20

+ sign 215.223+/-298.066 χ^2/NDF: 42.1/39

All: 265.882+/-210.711 χ^2/NDF: 78.3/79

- sign 316.490+/-297.914 χ^2/NDF: 36.1/39

dit_asym_atl_dd_atr_dd_avg_rms vs Slug

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

Left Out: 1463.854+/-0.250 χ^2/NDF:295131.9/22

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

Left In: 1446.881+/-0.253 χ^2/NDF:82570.4/20

+ sign 1446.196+/-0.211 χ^2/NDF: 838745.0/39

All: 1439.007+/-0.149 χ^2/NDF: 1288674.7/79

- sign 1431.827+/-0.211 χ^2/NDF: 447604.1/39

asym_atl_dd_atr_dd_avg_correction_mean vs Slug

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

Left Out: -167.764+/-1014.036 χ^2/NDF:28.6/22

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

Left In: 139.965+/-1128.703 χ^2/NDF:14.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -30.320+/-754.324 χ^2/NDF: 43.6/43

- 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: 4013.985+/-0.717 χ^2/NDF:3064667.5/22

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

Left In: 4506.691+/-0.798 χ^2/NDF:1105142.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4234.046+/-0.533 χ^2/NDF: 4380700.1/43

- 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: 265.701+/-1104.343 χ^2/NDF:25.9/22

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

Left In: 113.600+/-1165.804 χ^2/NDF:14.1/20

+ sign -350.867+/-889.134 χ^2/NDF: 43.5/39

All: 43.548+/-629.112 χ^2/NDF: 72.3/79

- sign 438.967+/-890.266 χ^2/NDF: 28.5/39

asym_atl_dd_atr_dd_avg_rms vs Slug

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

Left Out: 4502.533+/-0.781 χ^2/NDF:1306579.7/22

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

Left In: 4666.443+/-0.824 χ^2/NDF:961017.6/20

+ sign 4264.483+/-0.629 χ^2/NDF: 1905151.3/39

All: 4225.621+/-0.444 χ^2/NDF: 4232281.3/79

- sign 4186.957+/-0.627 χ^2/NDF: 2319507.8/39

dit_asym_atl_dd_atr_dd_dd_mean vs Slug

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

Left Out: -254.349+/-310.974 χ^2/NDF:22.1/22

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

Left In: 278.383+/-315.698 χ^2/NDF:15.4/20

+ sign -82.875+/-267.951 χ^2/NDF: 39.8/39

All: 153.205+/-189.649 χ^2/NDF: 75.3/79

- sign 390.183+/-268.459 χ^2/NDF: 33.9/39

dit_asym_atl_dd_atr_dd_dd_rms vs Slug

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

Left Out: 1290.782+/-0.220 χ^2/NDF:296075.1/22

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

Left In: 1281.100+/-0.223 χ^2/NDF:53378.2/20

+ sign 1301.112+/-0.189 χ^2/NDF: 908118.0/39

All: 1296.874+/-0.134 χ^2/NDF: 1366530.4/79

- sign 1292.620+/-0.190 χ^2/NDF: 457409.8/39

asym_atl_dd_atr_dd_dd_correction_mean vs Slug

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

Left Out: 632.483+/-160.102 χ^2/NDF:58.9/22

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

Left In: 193.927+/-161.231 χ^2/NDF:17.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 414.745+/-113.606 χ^2/NDF: 80.5/43

- 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: 659.693+/-0.113 χ^2/NDF:740036.3/22

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

Left In: 653.642+/-0.114 χ^2/NDF:223693.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 656.689+/-0.080 χ^2/NDF: 965147.8/43

- 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: -988.519+/-350.575 χ^2/NDF:28.4/22

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

Left In: 120.689+/-354.868 χ^2/NDF:18.0/20

+ sign -809.732+/-317.214 χ^2/NDF: 53.4/39

All: -326.686+/-225.096 χ^2/NDF: 86.8/79

- sign 163.241+/-319.465 χ^2/NDF: 28.8/39

asym_atl_dd_atr_dd_dd_rms vs Slug

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

Left Out: 1454.624+/-0.248 χ^2/NDF:352101.2/22

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

Left In: 1440.569+/-0.251 χ^2/NDF:59459.4/20

+ sign 1533.329+/-0.224 χ^2/NDF: 1374032.7/39

All: 1530.636+/-0.159 χ^2/NDF: 2534184.9/79

- sign 1527.905+/-0.226 χ^2/NDF: 1159861.8/39

dit_asym_atl1_mean vs Slug

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

Left Out: 1100.727+/-581.493 χ^2/NDF:22.3/22

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

Left In: -1712.493+/-593.441 χ^2/NDF:21.5/20

+ sign 1369.372+/-507.462 χ^2/NDF: 36.8/39

All: -48.908+/-361.901 χ^2/NDF: 97.5/79

- sign -1516.808+/-516.263 χ^2/NDF: 44.8/39

dit_asym_atl1_rms vs Slug

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

Left Out: 2422.960+/-0.411 χ^2/NDF:72962.1/22

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

Left In: 2410.838+/-0.420 χ^2/NDF:13478.2/20

+ sign 2471.742+/-0.359 χ^2/NDF: 776396.6/39

All: 2480.107+/-0.256 χ^2/NDF: 1530994.9/79

- sign 2488.765+/-0.365 χ^2/NDF: 753492.4/39

asym_atl1_correction_mean vs Slug

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

Left Out: 263.443+/-181.361 χ^2/NDF:35.7/22

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

Left In: 72.973+/-188.713 χ^2/NDF:21.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 171.991+/-130.764 χ^2/NDF: 57.8/43

- 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: 733.974+/-0.128 χ^2/NDF:1659269.6/22

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

Left In: 744.672+/-0.133 χ^2/NDF:1865544.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 739.110+/-0.092 χ^2/NDF: 3528155.2/43

- 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: 589.862+/-615.964 χ^2/NDF:24.8/22

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

Left In: -1711.281+/-629.577 χ^2/NDF:16.3/20

+ sign 912.037+/-543.130 χ^2/NDF: 40.9/39

All: -300.875+/-388.573 χ^2/NDF: 92.9/79

- sign -1572.647+/-556.153 χ^2/NDF: 41.9/39

asym_atl1_rms vs Slug

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

Left Out: 2563.909+/-0.436 χ^2/NDF:137524.0/22

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

Left In: 2554.656+/-0.445 χ^2/NDF:85267.0/20

+ sign 2640.857+/-0.384 χ^2/NDF: 919689.8/39

All: 2650.723+/-0.275 χ^2/NDF: 2277739.6/79

- sign 2661.068+/-0.393 χ^2/NDF: 1356697.8/39

dit_asym_atl2_mean vs Slug

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

Left Out: 627.129+/-703.173 χ^2/NDF:36.9/22

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

Left In: -2801.041+/-708.391 χ^2/NDF:10.5/20

+ sign 944.574+/-551.509 χ^2/NDF: 44.8/39

All: -780.233+/-387.406 χ^2/NDF: 97.5/79

- sign -2460.314+/-544.311 χ^2/NDF: 33.4/39

dit_asym_atl2_rms vs Slug

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

Left Out: 2885.311+/-0.497 χ^2/NDF:945203.0/22

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

Left In: 2859.514+/-0.501 χ^2/NDF:366237.4/20

+ sign 2630.470+/-0.390 χ^2/NDF: 2478067.5/39

All: 2609.274+/-0.274 χ^2/NDF: 4165885.6/79

- sign 2588.640+/-0.385 χ^2/NDF: 1681988.0/39

asym_atl2_correction_mean vs Slug

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

Left Out: -1831.837+/-1087.525 χ^2/NDF:30.1/22

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

Left In: -205.894+/-2502.756 χ^2/NDF:13.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1573.592+/-997.428 χ^2/NDF: 44.1/43

- 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: 2699.025+/-0.769 χ^2/NDF:22107913.5/22

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

Left In: 10006.686+/-1.770 χ^2/NDF:1026867.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3859.684+/-0.705 χ^2/NDF: 37477605.6/4

- 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: 2137.674+/-2446.085 χ^2/NDF:29.3/22

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

Left In: -2982.347+/-2558.761 χ^2/NDF:12.5/20

+ sign 2976.982+/-1751.390 χ^2/NDF: 44.3/39

All: 140.939+/-1240.999 χ^2/NDF: 82.2/79

- sign -2718.862+/-1758.710 χ^2/NDF: 32.6/39

asym_atl2_rms vs Slug

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

Left Out: 10011.363+/-1.730 χ^2/NDF:1063343.0/22

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

Left In: 10242.268+/-1.809 χ^2/NDF:947675.3/20

+ sign 8217.390+/-1.238 χ^2/NDF: 3864118.1/39

All: 8177.708+/-0.878 χ^2/NDF: 7913645.1/79

- sign 8137.695+/-1.244 χ^2/NDF: 4047465.1/39

dit_asym_atr1_mean vs Slug

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

Left Out: 2537.624+/-665.460 χ^2/NDF:26.2/22

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

Left In: -2604.472+/-682.567 χ^2/NDF:34.8/20

+ sign 2401.331+/-573.967 χ^2/NDF: 38.4/39

All: -109.186+/-407.248 χ^2/NDF: 121.7/79

- sign -2654.450+/-577.925 χ^2/NDF: 44.7/39

dit_asym_atr1_rms vs Slug

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

Left Out: 2777.830+/-0.471 χ^2/NDF:5237.6/22

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

Left In: 2776.444+/-0.483 χ^2/NDF:5291.3/20

+ sign 2801.227+/-0.406 χ^2/NDF: 684792.5/39

All: 2798.075+/-0.288 χ^2/NDF: 1007881.5/79

- sign 2794.879+/-0.409 χ^2/NDF: 322967.6/39

asym_atr1_correction_mean vs Slug

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

Left Out: -689.701+/-197.287 χ^2/NDF:48.1/22

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

Left In: -104.033+/-197.669 χ^2/NDF:12.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -397.434+/-139.638 χ^2/NDF: 65.3/43

- 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: 805.912+/-0.140 χ^2/NDF:1113956.5/22

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

Left In: 790.297+/-0.140 χ^2/NDF:1109409.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 798.120+/-0.099 χ^2/NDF: 2229618.9/43

- 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: 2962.574+/-698.315 χ^2/NDF:31.2/22

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

Left In: -2514.085+/-714.761 χ^2/NDF:34.9/20

+ sign 2793.609+/-597.798 χ^2/NDF: 45.8/39

All: 169.857+/-423.822 χ^2/NDF: 129.5/79

- sign -2481.748+/-600.963 χ^2/NDF: 44.9/39

asym_atr1_rms vs Slug

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

Left Out: 2913.474+/-0.494 χ^2/NDF:35303.5/22

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

Left In: 2906.286+/-0.505 χ^2/NDF:29971.2/20

+ sign 2916.983+/-0.423 χ^2/NDF: 698287.0/39

All: 2910.867+/-0.300 χ^2/NDF: 898579.9/79

- sign 2904.686+/-0.425 χ^2/NDF: 199872.0/39

dit_asym_atr2_mean vs Slug

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

Left Out: 1293.926+/-699.863 χ^2/NDF:16.9/22

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

Left In: -3076.715+/-711.111 χ^2/NDF:18.3/20

+ sign 1978.997+/-589.153 χ^2/NDF: 30.1/39

All: -429.338+/-416.269 χ^2/NDF: 100.6/79

- sign -2830.169+/-588.235 χ^2/NDF: 37.1/39

dit_asym_atr2_rms vs Slug

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

Left Out: 2903.830+/-0.495 χ^2/NDF:261995.4/22

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

Left In: 2882.475+/-0.503 χ^2/NDF:168744.3/20

+ sign 2866.184+/-0.417 χ^2/NDF: 783538.2/39

All: 2844.290+/-0.294 χ^2/NDF: 1783147.6/79

- sign 2822.470+/-0.416 χ^2/NDF: 994094.9/39

asym_atr2_correction_mean vs Slug

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

Left Out: 945.411+/-2295.945 χ^2/NDF:27.6/22

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

Left In: -284.434+/-2357.849 χ^2/NDF:15.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 346.844+/-1644.928 χ^2/NDF: 43.5/43

- 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: 9359.120+/-1.623 χ^2/NDF:1181570.0/22

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

Left In: 9400.396+/-1.667 χ^2/NDF:1203909.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 9379.209+/-1.163 χ^2/NDF: 2385794.0/43

- 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: -190.788+/-2351.641 χ^2/NDF:25.2/22

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

Left In: -2532.318+/-2414.880 χ^2/NDF:14.2/20

+ sign 2072.369+/-1931.711 χ^2/NDF: 43.4/39

All: -707.276+/-1361.926 χ^2/NDF: 75.7/79

- sign -3454.594+/-1920.446 χ^2/NDF: 28.2/39

asym_atr2_rms vs Slug

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

Left Out: 9628.779+/-1.663 χ^2/NDF:1004617.3/22

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

Left In: 9648.208+/-1.708 χ^2/NDF:1077093.8/20

+ sign 9266.087+/-1.366 χ^2/NDF: 1913498.2/39

All: 9161.834+/-0.963 χ^2/NDF: 4278615.2/79

- sign 9058.796+/-1.358 χ^2/NDF: 2353534.1/39

dit_asym_sam1_mean vs Slug

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

Left Out: -159.272+/-19.830 χ^2/NDF:25.8/22

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

Left In: 136.550+/-20.618 χ^2/NDF:16.7/20

+ sign -112.068+/-17.133 χ^2/NDF: 60.7/39

All: -11.341+/-12.356 χ^2/NDF: 185.3/79

- sign 97.805+/-17.835 χ^2/NDF: 52.6/39

dit_asym_sam1_rms vs Slug

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

Left Out: 82.661+/-0.014 χ^2/NDF:109400.0/22

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

Left In: 83.802+/-0.015 χ^2/NDF:88402.4/20

+ sign 83.187+/-0.012 χ^2/NDF: 1179379.6/39

All: 84.128+/-0.009 χ^2/NDF: 2873391.6/79

- sign 85.147+/-0.013 χ^2/NDF: 1681452.3/39

asym_sam1_correction_mean vs Slug

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

Left Out: 14.408+/-83.585 χ^2/NDF:23.1/22

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

Left In: 25.080+/-85.617 χ^2/NDF:35.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 19.616+/-59.809 χ^2/NDF: 58.8/43

- 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: 345.056+/-0.059 χ^2/NDF:560857.3/22

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

Left In: 344.034+/-0.061 χ^2/NDF:738322.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 344.557+/-0.042 χ^2/NDF: 1299325.8/43

- 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: -172.621+/-83.479 χ^2/NDF:20.3/22

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

Left In: 98.881+/-85.747 χ^2/NDF:36.3/20

+ sign -116.274+/-75.674 χ^2/NDF: 35.7/39

All: -40.806+/-54.219 χ^2/NDF: 98.5/79

- sign 38.803+/-77.722 χ^2/NDF: 60.8/39

asym_sam1_rms vs Slug

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

Left Out: 345.341+/-0.059 χ^2/NDF:526857.3/22

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

Left In: 344.864+/-0.061 χ^2/NDF:673107.5/20

+ sign 360.228+/-0.054 χ^2/NDF: 2895998.5/39

All: 362.099+/-0.038 χ^2/NDF: 6173350.6/79

- sign 364.073+/-0.055 χ^2/NDF: 3274839.5/39

dit_asym_sam2_mean vs Slug

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

Left Out: -265.435+/-72.428 χ^2/NDF:27.2/22

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

Left In: 160.045+/-74.553 χ^2/NDF:18.0/20

+ sign -130.580+/-64.444 χ^2/NDF: 53.2/39

All: -13.663+/-46.161 χ^2/NDF: 96.9/79

- sign 109.541+/-66.154 χ^2/NDF: 36.9/39

dit_asym_sam2_rms vs Slug

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

Left Out: 300.861+/-0.051 χ^2/NDF:321707.9/22

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

Left In: 302.177+/-0.053 χ^2/NDF:245915.2/20

+ sign 312.695+/-0.046 χ^2/NDF: 1207649.4/39

All: 314.677+/-0.033 χ^2/NDF: 2602452.3/79

- sign 316.766+/-0.047 χ^2/NDF: 1390915.9/39

asym_sam2_correction_mean vs Slug

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

Left Out: -1117.069+/-499.217 χ^2/NDF:41.1/22

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

Left In: 74.762+/-516.228 χ^2/NDF:32.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -541.113+/-358.863 χ^2/NDF: 76.8/43

- 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: 2061.141+/-0.353 χ^2/NDF:598344.2/22

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

Left In: 2086.170+/-0.365 χ^2/NDF:428273.1/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2073.236+/-0.254 χ^2/NDF: 1029046.7/43

- 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: 889.265+/-493.400 χ^2/NDF:38.0/22

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

Left In: 56.895+/-510.736 χ^2/NDF:30.6/20

+ sign 1107.656+/-466.777 χ^2/NDF: 57.3/39

All: 615.984+/-335.889 χ^2/NDF: 105.5/79

- sign 87.985+/-483.714 χ^2/NDF: 46.0/39

asym_sam2_rms vs Slug

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

Left Out: 2039.235+/-0.349 χ^2/NDF:606845.0/22

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

Left In: 2063.178+/-0.361 χ^2/NDF:430603.5/20

+ sign 2200.333+/-0.330 χ^2/NDF: 3726135.4/39

All: 2224.294+/-0.238 χ^2/NDF: 7754430.9/79

- sign 2250.026+/-0.342 χ^2/NDF: 4017365.8/39

dit_asym_sam3_mean vs Slug

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

Left Out: 45.272+/-23.687 χ^2/NDF:37.1/22

Right Out: -59.008+/-53.165 χ^2/NDF: 16.4/18

Left In: -84.208+/-24.653 χ^2/NDF:27.5/20

+ sign 51.576+/-21.549 χ^2/NDF: 49.1/39

All: -11.645+/-15.518 χ^2/NDF: 111.1/79

- sign -79.748+/-22.366 χ^2/NDF: 44.1/39

dit_asym_sam3_rms vs Slug

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

Left Out: 95.236+/-0.017 χ^2/NDF:1610390.0/22

Right Out: 131.007+/-0.038 χ^2/NDF: 1429260.8/18

Left In: 96.606+/-0.017 χ^2/NDF:1400521.7/20

+ sign 100.597+/-0.015 χ^2/NDF: 3515315.5/39

All: 101.606+/-0.011 χ^2/NDF: 7043395.9/79

- sign 102.694+/-0.016 χ^2/NDF: 3518957.7/39

asym_sam3_correction_mean vs Slug

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

Left Out: -881.262+/-190.667 χ^2/NDF:67.5/22

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

Left In: -90.973+/-191.026 χ^2/NDF:23.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -486.861+/-134.949 χ^2/NDF: 99.5/43

- 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: 765.903+/-0.135 χ^2/NDF:2396565.7/22

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

Left In: 750.186+/-0.135 χ^2/NDF:2183826.1/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 758.059+/-0.095 χ^2/NDF: 4587174.5/43

- 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: 977.428+/-192.946 χ^2/NDF:62.9/22

Right Out: 1094.278+/-602.639 χ^2/NDF: 11.0/18

Left In: 40.030+/-193.778 χ^2/NDF:23.4/20

+ sign 949.876+/-184.200 χ^2/NDF: 88.8/39

All: 544.953+/-130.347 χ^2/NDF: 135.6/79

- sign 138.819+/-184.476 χ^2/NDF: 37.1/39

asym_sam3_rms vs Slug

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

Left Out: 777.072+/-0.136 χ^2/NDF:2217333.4/22

Right Out: 1573.366+/-0.426 χ^2/NDF: 462040.3/18

Left In: 761.349+/-0.137 χ^2/NDF:2010593.7/20

+ sign 846.936+/-0.130 χ^2/NDF: 5667797.6/39

All: 842.195+/-0.092 χ^2/NDF: 11433987.0/79

- sign 837.439+/-0.130 χ^2/NDF: 5763535.2/39

dit_asym_sam4_mean vs Slug

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

Left Out: 314.193+/-74.065 χ^2/NDF:18.4/22

Right Out: -265.661+/-99.379 χ^2/NDF: 14.7/18

Left In: -355.002+/-76.642 χ^2/NDF:27.0/20

+ sign 231.451+/-60.587 χ^2/NDF: 38.9/39

All: -44.644+/-42.878 χ^2/NDF: 122.7/79

- sign -321.683+/-60.690 χ^2/NDF: 42.2/39

dit_asym_sam4_rms vs Slug

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

Left Out: 299.895+/-0.052 χ^2/NDF:1353995.2/22

Right Out: 256.268+/-0.070 χ^2/NDF: 696896.2/18

Left In: 304.936+/-0.054 χ^2/NDF:762964.9/20

+ sign 288.888+/-0.043 χ^2/NDF: 2038266.1/39

All: 287.839+/-0.030 χ^2/NDF: 3800091.1/79

- sign 286.785+/-0.043 χ^2/NDF: 1760622.4/39

asym_sam4_correction_mean vs Slug

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

Left Out: -2448.084+/-499.439 χ^2/NDF:48.5/22

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

Left In: -483.541+/-507.582 χ^2/NDF:21.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1481.697+/-356.001 χ^2/NDF: 77.7/43

- 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: 2055.691+/-0.353 χ^2/NDF:820700.3/22

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

Left In: 2043.795+/-0.359 χ^2/NDF:642840.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2049.839+/-0.252 χ^2/NDF: 1464099.3/43

- 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: 2840.887+/-494.527 χ^2/NDF:47.4/22

Right Out: 1557.388+/-924.003 χ^2/NDF: 10.5/18

Left In: 144.450+/-503.897 χ^2/NDF:23.1/20

+ sign 2348.733+/-442.624 χ^2/NDF: 76.6/39

All: 1408.036+/-312.899 χ^2/NDF: 121.0/79

- sign 468.332+/-442.390 χ^2/NDF: 35.4/39

asym_sam4_rms vs Slug

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

Left Out: 2037.235+/-0.350 χ^2/NDF:808808.9/22

Right Out: 2364.507+/-0.653 χ^2/NDF: 1023402.8/18

Left In: 2026.665+/-0.356 χ^2/NDF:649467.5/20

+ sign 2124.183+/-0.313 χ^2/NDF: 2025915.4/39

All: 2114.140+/-0.221 χ^2/NDF: 3906925.8/79

- sign 2104.107+/-0.313 χ^2/NDF: 1878952.0/39

dit_asym_sam5_mean vs Slug

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

Left Out: 197.351+/-40.765 χ^2/NDF:22.3/22

Right Out: -91.634+/-43.318 χ^2/NDF: 15.7/18

Left In: -197.581+/-42.071 χ^2/NDF:20.1/20

+ sign 118.131+/-30.637 χ^2/NDF: 43.5/39

All: -15.998+/-21.500 χ^2/NDF: 120.1/79

- sign -146.154+/-30.180 χ^2/NDF: 38.9/39

dit_asym_sam5_rms vs Slug

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

Left Out: 168.558+/-0.029 χ^2/NDF:574859.4/22

Right Out: 109.709+/-0.031 χ^2/NDF: 1242014.6/18

Left In: 170.006+/-0.030 χ^2/NDF:441586.9/20

+ sign 144.787+/-0.022 χ^2/NDF: 3545528.4/39

All: 142.732+/-0.015 χ^2/NDF: 7240956.0/79

- sign 140.738+/-0.021 χ^2/NDF: 3677701.9/39

asym_sam5_correction_mean vs Slug

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

Left Out: -462.773+/-246.505 χ^2/NDF:18.2/22

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

Left In: -170.461+/-250.954 χ^2/NDF:34.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -319.231+/-175.857 χ^2/NDF: 53.4/43

- 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: 1020.327+/-0.174 χ^2/NDF:360529.7/22

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

Left In: 1013.197+/-0.177 χ^2/NDF:402947.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1016.826+/-0.124 χ^2/NDF: 764299.3/43

- 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: 649.708+/-241.699 χ^2/NDF:16.7/22

Right Out: 488.583+/-282.758 χ^2/NDF: 22.6/18

Left In: -16.079+/-246.497 χ^2/NDF:36.0/20

+ sign 347.692+/-191.187 χ^2/NDF: 37.1/39

All: 272.684+/-133.246 χ^2/NDF: 97.8/79

- sign 201.838+/-185.806 χ^2/NDF: 60.4/39

asym_sam5_rms vs Slug

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

Left Out: 1001.520+/-0.171 χ^2/NDF:360873.5/22

Right Out: 702.656+/-0.200 χ^2/NDF: 1689579.7/18

Left In: 994.469+/-0.174 χ^2/NDF:423701.7/20

+ sign 909.991+/-0.135 χ^2/NDF: 2838429.4/39

All: 888.634+/-0.094 χ^2/NDF: 6210570.6/79

- sign 868.462+/-0.131 χ^2/NDF: 3323611.4/39

dit_asym_sam6_mean vs Slug

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

Left Out: 328.072+/-40.530 χ^2/NDF:17.7/22

Right Out: 9.277+/-45.600 χ^2/NDF: 14.7/18

Left In: -327.425+/-42.577 χ^2/NDF:22.9/20

+ sign 179.478+/-31.082 χ^2/NDF: 70.1/39

All: 4.652+/-21.992 χ^2/NDF: 200.2/79

- sign -170.602+/-31.120 χ^2/NDF: 66.7/39

dit_asym_sam6_rms vs Slug

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

Left Out: 168.252+/-0.029 χ^2/NDF:337094.3/22

Right Out: 116.618+/-0.032 χ^2/NDF: 997956.6/18

Left In: 172.500+/-0.030 χ^2/NDF:245300.2/20

+ sign 148.463+/-0.022 χ^2/NDF: 2556979.4/39

All: 147.469+/-0.016 χ^2/NDF: 5408982.4/79

- sign 146.472+/-0.022 χ^2/NDF: 2847905.8/39

asym_sam6_correction_mean vs Slug

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

Left Out: 329.330+/-257.675 χ^2/NDF:33.1/22

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

Left In: -117.114+/-266.600 χ^2/NDF:34.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 113.705+/-185.279 χ^2/NDF: 68.7/43

- 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: 1065.866+/-0.182 χ^2/NDF:492514.5/22

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

Left In: 1075.430+/-0.189 χ^2/NDF:560895.1/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1070.485+/-0.131 χ^2/NDF: 1054740.3/43

- 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: -42.620+/-254.002 χ^2/NDF:30.3/22

Right Out: 100.857+/-245.981 χ^2/NDF: 22.5/18

Left In: -235.151+/-263.672 χ^2/NDF:31.9/20

+ sign -173.840+/-178.190 χ^2/NDF: 47.7/39

All: -115.222+/-126.587 χ^2/NDF: 103.1/79

- sign -55.497+/-179.864 χ^2/NDF: 55.3/39

asym_sam6_rms vs Slug

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

Left Out: 1052.373+/-0.180 χ^2/NDF:481394.7/22

Right Out: 585.070+/-0.174 χ^2/NDF: 2820837.8/18

Left In: 1063.833+/-0.186 χ^2/NDF:518768.4/20

+ sign 804.352+/-0.126 χ^2/NDF: 7497739.0/39

All: 806.086+/-0.090 χ^2/NDF: 14363307.5/79

- sign 807.853+/-0.127 χ^2/NDF: 6865186.2/39

dit_asym_sam7_mean vs Slug

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

Left Out: 96.714+/-21.626 χ^2/NDF:21.9/22

Right Out: 15.294+/-33.422 χ^2/NDF: 35.0/18

Left In: -114.492+/-22.238 χ^2/NDF:29.5/20

+ sign 51.399+/-18.343 χ^2/NDF: 43.8/39

All: -11.047+/-13.030 χ^2/NDF: 142.1/79

- sign -74.665+/-18.514 χ^2/NDF: 75.0/39

dit_asym_sam7_rms vs Slug

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

Left Out: 88.196+/-0.015 χ^2/NDF:840548.7/22

Right Out: 86.943+/-0.024 χ^2/NDF: 531359.9/18

Left In: 88.690+/-0.016 χ^2/NDF:581123.3/20

+ sign 88.193+/-0.013 χ^2/NDF: 1234996.5/39

All: 88.174+/-0.009 χ^2/NDF: 2351274.2/79

- sign 88.154+/-0.013 χ^2/NDF: 1116273.2/39

asym_sam7_correction_mean vs Slug

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

Left Out: -320.361+/-80.152 χ^2/NDF:57.6/22

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

Left In: -57.994+/-81.701 χ^2/NDF:26.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -191.689+/-57.216 χ^2/NDF: 89.6/43

- 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: 329.002+/-0.057 χ^2/NDF:925497.5/22

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

Left In: 327.986+/-0.058 χ^2/NDF:831037.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 328.504+/-0.040 χ^2/NDF: 1756692.3/43

- 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: 427.576+/-77.658 χ^2/NDF:52.0/22

Right Out: 284.456+/-129.599 χ^2/NDF: 10.6/18

Left In: -72.953+/-79.920 χ^2/NDF:26.0/20

+ sign 349.402+/-68.201 χ^2/NDF: 77.0/39

All: 187.044+/-48.163 χ^2/NDF: 130.4/79

- sign 25.518+/-68.026 χ^2/NDF: 42.1/39

asym_sam7_rms vs Slug

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

Left Out: 318.759+/-0.055 χ^2/NDF:1023243.9/22

Right Out: 309.105+/-0.092 χ^2/NDF: 2730308.7/18

Left In: 320.603+/-0.057 χ^2/NDF:868470.4/20

+ sign 323.515+/-0.048 χ^2/NDF: 3098286.7/39

All: 320.467+/-0.034 χ^2/NDF: 6716438.4/79

- sign 317.435+/-0.048 χ^2/NDF: 3610183.3/39

dit_asym_sam8_mean vs Slug

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

Left Out: -196.561+/-18.720 χ^2/NDF:19.1/22

Right Out: 112.097+/-29.622 χ^2/NDF: 39.3/18

Left In: 179.998+/-19.259 χ^2/NDF:23.7/20

+ sign -196.572+/-15.940 χ^2/NDF: 38.1/39

All: -20.668+/-11.344 χ^2/NDF: 351.6/79

- sign 159.823+/-16.147 χ^2/NDF: 66.7/39

dit_asym_sam8_rms vs Slug

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

Left Out: 75.340+/-0.013 χ^2/NDF:1296862.0/22

Right Out: 76.479+/-0.021 χ^2/NDF: 699361.8/18

Left In: 75.904+/-0.014 χ^2/NDF:912453.7/20

+ sign 75.712+/-0.011 χ^2/NDF: 1900080.6/39

All: 75.891+/-0.008 χ^2/NDF: 3512938.5/79

- sign 76.075+/-0.011 χ^2/NDF: 1612344.5/39

asym_sam8_correction_mean vs Slug

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

Left Out: -311.081+/-67.056 χ^2/NDF:53.9/22

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

Left In: -63.848+/-69.208 χ^2/NDF:23.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -191.370+/-48.159 χ^2/NDF: 83.9/43

- 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: 276.104+/-0.047 χ^2/NDF:726946.9/22

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

Left In: 278.951+/-0.049 χ^2/NDF:560945.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 277.483+/-0.034 χ^2/NDF: 1289638.3/43

- 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: 135.352+/-64.781 χ^2/NDF:47.3/22

Right Out: 164.141+/-76.903 χ^2/NDF: 11.9/18

Left In: 230.335+/-67.332 χ^2/NDF:24.7/20

+ sign 70.748+/-52.648 χ^2/NDF: 66.7/39

All: 138.698+/-36.504 χ^2/NDF: 107.0/79

- sign 201.611+/-50.659 χ^2/NDF: 37.0/39

asym_sam8_rms vs Slug

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

Left Out: 267.661+/-0.046 χ^2/NDF:625537.3/22

Right Out: 171.794+/-0.054 χ^2/NDF: 4092634.7/18

Left In: 271.620+/-0.048 χ^2/NDF:530575.8/20

+ sign 245.019+/-0.037 χ^2/NDF: 4781331.5/39

All: 236.339+/-0.026 χ^2/NDF: 11416901.2/79

- sign 228.302+/-0.036 χ^2/NDF: 6530872.8/39

dit_asym_sam_15_avg_mean vs Slug

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

Left Out: 16.972+/-16.713 χ^2/NDF:18.9/22

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

Left In: -30.839+/-17.237 χ^2/NDF:21.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -6.196+/-11.999 χ^2/NDF: 44.4/43

- 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: 68.650+/-0.012 χ^2/NDF:839839.1/22

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

Left In: 69.312+/-0.012 χ^2/NDF:568069.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 68.971+/-0.008 χ^2/NDF: 1409431.4/43

- 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: -226.644+/-84.698 χ^2/NDF:18.6/22

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

Left In: -76.661+/-86.270 χ^2/NDF:32.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -153.031+/-60.439 χ^2/NDF: 52.4/43

- 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: 349.953+/-0.060 χ^2/NDF:480987.4/22

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

Left In: 348.400+/-0.061 χ^2/NDF:386161.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 349.191+/-0.043 χ^2/NDF: 867478.5/43

- 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: 239.544+/-83.128 χ^2/NDF:17.5/22

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

Left In: 51.005+/-84.861 χ^2/NDF:33.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 147.218+/-59.383 χ^2/NDF: 53.5/43

- 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: 343.694+/-0.059 χ^2/NDF:467072.8/22

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

Left In: 342.304+/-0.060 χ^2/NDF:405340.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 343.013+/-0.042 χ^2/NDF: 872687.3/43

- 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: 20.509+/-27.031 χ^2/NDF:27.6/22

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

Left In: -65.274+/-28.238 χ^2/NDF:21.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -20.510+/-19.527 χ^2/NDF: 53.4/43

- 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: 110.227+/-0.019 χ^2/NDF:1105248.1/22

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

Left In: 112.730+/-0.020 χ^2/NDF:739634.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 111.424+/-0.014 χ^2/NDF: 1853078.1/43

- 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: -322.992+/-115.845 χ^2/NDF:51.2/22

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

Left In: -34.149+/-118.116 χ^2/NDF:30.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -181.374+/-82.706 χ^2/NDF: 85.0/43

- 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: 461.643+/-0.082 χ^2/NDF:2879489.4/22

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

Left In: 461.398+/-0.084 χ^2/NDF:2471715.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 461.523+/-0.058 χ^2/NDF: 5351209.1/43

- 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: 343.956+/-115.281 χ^2/NDF:48.2/22

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

Left In: -58.764+/-117.497 χ^2/NDF:30.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 146.430+/-82.288 χ^2/NDF: 84.5/43

- 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: 459.282+/-0.082 χ^2/NDF:2877227.3/22

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

Left In: 458.207+/-0.083 χ^2/NDF:2417991.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 458.755+/-0.058 χ^2/NDF: 5295304.5/43

- 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: 67.375+/-19.134 χ^2/NDF:32.8/22

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

Left In: -93.130+/-19.926 χ^2/NDF:31.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -9.625+/-13.801 χ^2/NDF: 98.1/43

- 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: 77.133+/-0.014 χ^2/NDF:1338015.2/22

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

Left In: 78.501+/-0.014 χ^2/NDF:1047742.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 77.789+/-0.010 χ^2/NDF: 2390666.8/43

- 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: -600.171+/-132.937 χ^2/NDF:65.7/22

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

Left In: -78.777+/-133.644 χ^2/NDF:24.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -340.858+/-94.250 χ^2/NDF: 97.7/43

- 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: 537.450+/-0.094 χ^2/NDF:1970093.3/22

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

Left In: 528.144+/-0.095 χ^2/NDF:1810687.1/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 532.822+/-0.067 χ^2/NDF: 3785654.6/43

- 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: 703.918+/-133.023 χ^2/NDF:60.6/22

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

Left In: -13.949+/-134.340 χ^2/NDF:23.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 348.520+/-94.524 χ^2/NDF: 98.9/43

- 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: 538.656+/-0.094 χ^2/NDF:1872999.8/22

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

Left In: 530.868+/-0.095 χ^2/NDF:1700974.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 534.800+/-0.067 χ^2/NDF: 3577367.6/43

- 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: 59.413+/-42.424 χ^2/NDF:17.9/22

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

Left In: -89.972+/-43.875 χ^2/NDF:26.1/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -12.768+/-30.498 χ^2/NDF: 50.0/43

- 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: 170.930+/-0.030 χ^2/NDF:1462706.3/22

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

Left In: 173.722+/-0.031 χ^2/NDF:862806.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 172.279+/-0.022 χ^2/NDF: 2329696.1/43

- 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: -1387.218+/-273.123 χ^2/NDF:52.3/22

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

Left In: -286.490+/-277.563 χ^2/NDF:20.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -845.727+/-194.678 χ^2/NDF: 80.9/43

- 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: 1124.189+/-0.193 χ^2/NDF:824600.4/22

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

Left In: 1117.363+/-0.196 χ^2/NDF:672349.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1120.831+/-0.138 χ^2/NDF: 1497564.9/43

- 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: 1498.697+/-269.822 χ^2/NDF:50.5/22

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

Left In: 200.255+/-275.187 χ^2/NDF:22.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 862.257+/-192.662 χ^2/NDF: 83.8/43

- 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: 1111.750+/-0.191 χ^2/NDF:798684.5/22

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

Left In: 1106.801+/-0.195 χ^2/NDF:667400.1/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1109.324+/-0.136 χ^2/NDF: 1466414.6/43

- 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: -180.552+/-27.196 χ^2/NDF:24.4/22

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

Left In: 164.303+/-28.215 χ^2/NDF:19.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -14.467+/-19.581 χ^2/NDF: 121.5/43

- 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: 112.967+/-0.019 χ^2/NDF:346198.5/22

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

Left In: 114.452+/-0.020 χ^2/NDF:258317.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 113.682+/-0.014 χ^2/NDF: 607389.2/43

- 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: 237.982+/-163.370 χ^2/NDF:18.9/22

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

Left In: 96.868+/-166.377 χ^2/NDF:35.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 168.712+/-116.569 χ^2/NDF: 54.4/43

- 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: 676.334+/-0.116 χ^2/NDF:352433.1/22

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

Left In: 671.170+/-0.118 χ^2/NDF:462067.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 673.799+/-0.082 χ^2/NDF: 815481.2/43

- 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: -411.587+/-160.573 χ^2/NDF:17.2/22

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

Left In: 61.138+/-163.849 χ^2/NDF:36.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -179.998+/-114.683 χ^2/NDF: 57.9/43

- 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: 665.676+/-0.114 χ^2/NDF:350191.1/22

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

Left In: 660.780+/-0.116 χ^2/NDF:469748.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 663.277+/-0.081 χ^2/NDF: 820850.1/43

- 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: -292.101+/-51.655 χ^2/NDF:24.8/22

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

Left In: 237.313+/-53.241 χ^2/NDF:19.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -35.394+/-37.074 χ^2/NDF: 95.0/43

- 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: 215.256+/-0.037 χ^2/NDF:135881.3/22

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

Left In: 216.424+/-0.038 χ^2/NDF:129197.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 215.823+/-0.026 χ^2/NDF: 265574.7/43

- 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: -749.284+/-379.980 χ^2/NDF:38.3/22

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

Left In: 97.646+/-393.505 χ^2/NDF:33.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -340.624+/-273.343 χ^2/NDF: 74.1/43

- 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: 1575.361+/-0.269 χ^2/NDF:326001.1/22

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

Left In: 1595.146+/-0.278 χ^2/NDF:236959.1/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1584.908+/-0.193 χ^2/NDF: 565576.5/43

- 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: 496.800+/-375.031 χ^2/NDF:35.2/22

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

Left In: 141.586+/-388.991 χ^2/NDF:30.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 325.681+/-269.987 χ^2/NDF: 66.5/43

- 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: 1557.007+/-0.265 χ^2/NDF:327568.2/22

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

Left In: 1576.581+/-0.275 χ^2/NDF:242844.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1566.437+/-0.191 χ^2/NDF: 573037.7/43

- 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: -27.013+/-12.805 χ^2/NDF:26.9/22

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

Left In: 14.805+/-13.285 χ^2/NDF:23.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -6.874+/-9.219 χ^2/NDF: 55.7/43

- 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: 52.785+/-0.009 χ^2/NDF:466161.2/22

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

Left In: 53.142+/-0.009 χ^2/NDF:629521.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 52.957+/-0.007 χ^2/NDF: 1096427.9/43

- 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: -291.779+/-62.357 χ^2/NDF:65.8/22

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

Left In: -15.713+/-62.201 χ^2/NDF:20.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -153.400+/-44.038 χ^2/NDF: 96.5/43

- 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: 248.914+/-0.044 χ^2/NDF:2808384.0/22

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

Left In: 242.635+/-0.044 χ^2/NDF:2563172.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 245.767+/-0.031 χ^2/NDF: 5381721.4/43

- 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: 278.309+/-63.617 χ^2/NDF:62.9/22

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

Left In: 53.752+/-63.448 χ^2/NDF:22.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 165.731+/-44.924 χ^2/NDF: 91.9/43

- 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: 254.648+/-0.045 χ^2/NDF:2606062.7/22

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

Left In: 247.559+/-0.045 χ^2/NDF:2370452.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 251.094+/-0.032 χ^2/NDF: 4988966.5/43

- 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: 253.452+/-33.295 χ^2/NDF:20.1/22

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

Left In: -264.143+/-34.420 χ^2/NDF:27.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3.256+/-23.931 χ^2/NDF: 164.7/43

- 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: 136.072+/-0.024 χ^2/NDF:1044298.2/22

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

Left In: 138.003+/-0.024 χ^2/NDF:560050.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 137.005+/-0.017 χ^2/NDF: 1607599.7/43

- 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: -1065.074+/-228.694 χ^2/NDF:43.3/22

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

Left In: -193.533+/-232.444 χ^2/NDF:23.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -636.391+/-163.021 χ^2/NDF: 73.6/43

- 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: 941.221+/-0.162 χ^2/NDF:810762.9/22

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

Left In: 936.114+/-0.164 χ^2/NDF:606692.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 938.709+/-0.115 χ^2/NDF: 1417946.3/43

- 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: 1345.493+/-226.976 χ^2/NDF:43.1/22

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

Left In: -59.483+/-231.071 χ^2/NDF:24.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 655.564+/-161.925 χ^2/NDF: 86.7/43

- 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: 934.876+/-0.160 χ^2/NDF:811145.0/22

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

Left In: 929.399+/-0.163 χ^2/NDF:620304.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 932.187+/-0.114 χ^2/NDF: 1432021.2/43

- 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: -104.656+/-14.794 χ^2/NDF:30.5/22

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

Left In: 97.146+/-15.383 χ^2/NDF:17.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -7.694+/-10.663 χ^2/NDF: 137.8/43

- 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: 61.435+/-0.010 χ^2/NDF:265870.7/22

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

Left In: 62.373+/-0.011 χ^2/NDF:146094.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 61.886+/-0.008 χ^2/NDF: 415829.9/43

- 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: -86.871+/-85.511 χ^2/NDF:31.2/22

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

Left In: 40.131+/-87.940 χ^2/NDF:34.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -25.149+/-61.306 χ^2/NDF: 66.6/43

- 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: 354.730+/-0.060 χ^2/NDF:390888.1/22

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

Left In: 355.968+/-0.062 χ^2/NDF:294346.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 355.331+/-0.043 χ^2/NDF: 685438.2/43

- 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: -31.842+/-82.628 χ^2/NDF:26.4/22

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

Left In: 71.257+/-84.810 χ^2/NDF:31.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 18.364+/-59.183 χ^2/NDF: 59.0/43

- 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: 342.586+/-0.058 χ^2/NDF:431163.2/22

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

Left In: 342.973+/-0.060 χ^2/NDF:335889.1/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 342.775+/-0.042 χ^2/NDF: 767073.6/43

- 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: -29.551+/-10.842 χ^2/NDF:45.8/22

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

Left In: 33.161+/-11.239 χ^2/NDF:22.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.675+/-7.803 χ^2/NDF: 84.5/43

- 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: 44.833+/-0.008 χ^2/NDF:395805.9/22

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

Left In: 45.235+/-0.008 χ^2/NDF:425130.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 45.027+/-0.006 χ^2/NDF: 822262.1/43

- 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: 189.316+/-74.056 χ^2/NDF:45.8/22

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

Left In: 21.673+/-75.609 χ^2/NDF:28.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 107.235+/-52.906 χ^2/NDF: 76.3/43

- 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: 301.900+/-0.052 χ^2/NDF:1484263.2/22

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

Left In: 301.425+/-0.053 χ^2/NDF:1241548.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 301.667+/-0.037 χ^2/NDF: 2725852.3/43

- 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: -247.637+/-74.329 χ^2/NDF:43.6/22

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

Left In: 33.188+/-75.850 χ^2/NDF:28.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -110.068+/-53.088 χ^2/NDF: 79.1/43

- 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: 302.879+/-0.053 χ^2/NDF:1477195.4/22

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

Left In: 302.266+/-0.054 χ^2/NDF:1187854.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 302.579+/-0.038 χ^2/NDF: 2665116.7/43

- 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: -20.865+/-21.525 χ^2/NDF:24.9/22

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

Left In: -0.886+/-21.978 χ^2/NDF:17.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -11.083+/-15.378 χ^2/NDF: 43.2/43

- 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: 88.471+/-0.015 χ^2/NDF:735408.4/22

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

Left In: 88.389+/-0.016 χ^2/NDF:427859.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 88.431+/-0.011 χ^2/NDF: 1163281.7/43

- 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: -904.061+/-213.462 χ^2/NDF:57.0/22

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

Left In: -51.161+/-218.858 χ^2/NDF:27.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -488.254+/-152.812 χ^2/NDF: 92.4/43

- 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: 881.159+/-0.151 χ^2/NDF:583331.9/22

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

Left In: 883.037+/-0.155 χ^2/NDF:534747.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 882.074+/-0.108 χ^2/NDF: 1118154.9/43

- 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: 910.613+/-213.013 χ^2/NDF:54.4/22

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

Left In: 39.995+/-219.025 χ^2/NDF:25.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 487.417+/-152.704 χ^2/NDF: 88.3/43

- 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: 880.275+/-0.151 χ^2/NDF:593203.5/22

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

Left In: 883.497+/-0.155 χ^2/NDF:534303.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 881.841+/-0.108 χ^2/NDF: 1127729.7/43

- 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: -24.005+/-23.809 χ^2/NDF:31.6/22

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

Left In: 12.048+/-24.754 χ^2/NDF:23.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -6.680+/-17.160 χ^2/NDF: 56.6/43

- 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: 97.436+/-0.017 χ^2/NDF:1020755.5/22

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

Left In: 99.352+/-0.018 χ^2/NDF:538010.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 98.357+/-0.012 χ^2/NDF: 1564986.6/43

- 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: -0.000+/-0.000 χ^2/NDF:39.7/22

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

Left In: 123.269+/-127.667 χ^2/NDF:27.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.000+/-0.000 χ^2/NDF: 67.7/43

- 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: 0.000+/-0.000 χ^2/NDF:33178666.2/22

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

Left In: 514.210+/-0.090 χ^2/NDF:562960.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.000+/-0.000 χ^2/NDF: 66187151.2/43

- 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: -512.501+/-121.160 χ^2/NDF:25.8/22

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

Left In: -121.887+/-123.643 χ^2/NDF:28.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -321.155+/-86.538 χ^2/NDF: 59.7/43

- 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: 499.237+/-0.086 χ^2/NDF:718684.8/22

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

Left In: 497.433+/-0.087 χ^2/NDF:567585.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 498.353+/-0.061 χ^2/NDF: 1286487.5/43

- 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: 36.168+/-28.538 χ^2/NDF:17.7/22

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

Left In: -60.681+/-29.437 χ^2/NDF:25.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -10.755+/-20.490 χ^2/NDF: 48.6/43

- 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: 115.539+/-0.020 χ^2/NDF:1324155.0/22

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

Left In: 117.005+/-0.021 χ^2/NDF:823748.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 116.249+/-0.014 χ^2/NDF: 2150460.0/43

- 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: -829.729+/-170.130 χ^2/NDF:42.4/22

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

Left In: -184.205+/-173.294 χ^2/NDF:22.1/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -512.914+/-121.403 χ^2/NDF: 71.5/43

- 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: 701.654+/-0.120 χ^2/NDF:672718.1/22

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

Left In: 699.215+/-0.123 χ^2/NDF:504879.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 700.457+/-0.086 χ^2/NDF: 1177799.6/43

- 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: 889.741+/-167.635 χ^2/NDF:41.1/22

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

Left In: 130.523+/-171.265 χ^2/NDF:23.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 518.264+/-119.799 χ^2/NDF: 74.8/43

- 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: 692.085+/-0.119 χ^2/NDF:644108.1/22

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

Left In: 690.406+/-0.121 χ^2/NDF:506641.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 691.264+/-0.085 χ^2/NDF: 1150847.3/43

- 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: 62.396+/-27.918 χ^2/NDF:15.7/22

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

Left In: -89.600+/-29.007 χ^2/NDF:29.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -10.696+/-20.115 χ^2/NDF: 59.8/43

- 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: 112.045+/-0.020 χ^2/NDF:1548798.5/22

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

Left In: 114.338+/-0.021 χ^2/NDF:943693.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 113.148+/-0.014 χ^2/NDF: 2498979.1/43

- 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: -992.411+/-194.249 χ^2/NDF:62.0/22

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

Left In: -180.501+/-196.445 χ^2/NDF:20.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -591.020+/-138.125 χ^2/NDF: 91.1/43

- 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: 795.861+/-0.137 χ^2/NDF:1136334.8/22

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

Left In: 786.719+/-0.139 χ^2/NDF:1011320.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 791.341+/-0.098 χ^2/NDF: 2149845.3/43

- 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: 1105.173+/-192.950 χ^2/NDF:58.7/22

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

Left In: 91.765+/-195.923 χ^2/NDF:21.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 606.217+/-137.475 χ^2/NDF: 93.8/43

- 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: 791.473+/-0.136 χ^2/NDF:1092687.1/22

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

Left In: 784.094+/-0.139 χ^2/NDF:975246.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 787.840+/-0.097 χ^2/NDF: 2069373.2/43

- 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: 19.423+/-15.845 χ^2/NDF:22.7/22

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

Left In: -42.539+/-16.384 χ^2/NDF:20.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -10.522+/-11.390 χ^2/NDF: 50.7/43

- 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: 64.419+/-0.011 χ^2/NDF:1033848.1/22

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

Left In: 65.224+/-0.012 χ^2/NDF:650851.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 64.808+/-0.008 χ^2/NDF: 1687196.9/43

- 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: -295.028+/-61.373 χ^2/NDF:65.2/22

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

Left In: -46.211+/-61.942 χ^2/NDF:23.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -171.767+/-43.597 χ^2/NDF: 96.7/43

- 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: 249.380+/-0.043 χ^2/NDF:1659052.4/22

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

Left In: 245.993+/-0.044 χ^2/NDF:1527067.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 247.702+/-0.031 χ^2/NDF: 3189137.2/43

- 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: 325.307+/-62.987 χ^2/NDF:61.0/22

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

Left In: -3.312+/-63.690 χ^2/NDF:24.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 162.821+/-44.785 χ^2/NDF: 98.8/43

- 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: 256.578+/-0.045 χ^2/NDF:1510941.0/22

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

Left In: 253.076+/-0.045 χ^2/NDF:1365800.1/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 254.846+/-0.032 χ^2/NDF: 2879797.8/43

- 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: 46.169+/-20.972 χ^2/NDF:30.0/22

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

Left In: -73.838+/-21.935 χ^2/NDF:22.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -11.142+/-15.158 χ^2/NDF: 68.1/43

- 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: 84.813+/-0.015 χ^2/NDF:1262458.2/22

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

Left In: 86.868+/-0.016 χ^2/NDF:876640.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 85.795+/-0.011 χ^2/NDF: 2148271.9/43

- 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: -461.003+/-120.378 χ^2/NDF:60.2/22

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

Left In: -53.186+/-121.583 χ^2/NDF:27.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -259.126+/-85.543 χ^2/NDF: 93.6/43

- 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: 483.452+/-0.085 χ^2/NDF:2385003.9/22

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

Left In: 477.683+/-0.086 χ^2/NDF:2148730.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 480.596+/-0.060 χ^2/NDF: 4536007.7/43

- 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: 524.698+/-120.529 χ^2/NDF:56.1/22

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

Left In: -39.092+/-122.050 χ^2/NDF:27.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 246.338+/-85.760 χ^2/NDF: 94.0/43

- 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: 484.381+/-0.085 χ^2/NDF:2337043.4/22

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

Left In: 479.152+/-0.086 χ^2/NDF:2065382.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 481.799+/-0.061 χ^2/NDF: 4404285.0/43

- 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: -24.720+/-15.052 χ^2/NDF:19.1/22

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

Left In: 29.009+/-15.619 χ^2/NDF:26.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1.150+/-10.838 χ^2/NDF: 51.2/43

- 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: 60.250+/-0.011 χ^2/NDF:1637637.1/22

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

Left In: 61.480+/-0.011 χ^2/NDF:933694.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 60.842+/-0.008 χ^2/NDF: 2577765.6/43

- 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: 552.134+/-108.671 χ^2/NDF:63.7/22

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

Left In: 100.103+/-109.978 χ^2/NDF:20.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 328.821+/-77.300 χ^2/NDF: 92.8/43

- 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: 445.138+/-0.077 χ^2/NDF:1144301.1/22

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

Left In: 440.314+/-0.078 χ^2/NDF:1032605.1/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 442.755+/-0.055 χ^2/NDF: 2178853.0/43

- 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: -602.442+/-107.790 χ^2/NDF:60.7/22

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

Left In: -66.709+/-109.629 χ^2/NDF:21.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -339.107+/-76.861 χ^2/NDF: 94.2/43

- 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: 441.883+/-0.076 χ^2/NDF:1136062.9/22

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

Left In: 438.494+/-0.078 χ^2/NDF:1023864.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 440.217+/-0.054 χ^2/NDF: 2160899.2/43

- 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: 4.357+/-17.483 χ^2/NDF:34.9/22

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

Left In: 1.530+/-18.116 χ^2/NDF:19.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2.994+/-12.580 χ^2/NDF: 54.0/43

- 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: 71.267+/-0.012 χ^2/NDF:1121088.8/22

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

Left In: 72.465+/-0.013 χ^2/NDF:653002.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 71.845+/-0.009 χ^2/NDF: 1778616.2/43

- 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: 363.652+/-92.073 χ^2/NDF:26.4/22

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

Left In: 95.980+/-93.939 χ^2/NDF:26.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 232.501+/-65.755 χ^2/NDF: 57.4/43

- 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: 379.811+/-0.065 χ^2/NDF:595150.7/22

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

Left In: 379.178+/-0.066 χ^2/NDF:435830.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 379.501+/-0.046 χ^2/NDF: 1031027.1/43

- 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: -362.474+/-89.926 χ^2/NDF:26.2/22

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

Left In: -101.523+/-92.007 χ^2/NDF:28.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -234.983+/-64.310 χ^2/NDF: 58.7/43

- 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: 371.238+/-0.064 χ^2/NDF:587434.3/22

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

Left In: 370.968+/-0.065 χ^2/NDF:452432.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 371.106+/-0.045 χ^2/NDF: 1039875.1/43

- 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: -2.043+/-15.934 χ^2/NDF:31.0/22

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

Left In: 26.357+/-16.586 χ^2/NDF:20.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 11.587+/-11.491 χ^2/NDF: 53.4/43

- 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: 65.771+/-0.011 χ^2/NDF:654491.9/22

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

Left In: 66.759+/-0.012 χ^2/NDF:515863.1/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 66.245+/-0.008 χ^2/NDF: 1174050.0/43

- 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: 84.254+/-85.861 χ^2/NDF:33.0/22

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

Left In: -11.551+/-88.004 χ^2/NDF:32.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 37.532+/-61.457 χ^2/NDF: 66.0/43

- 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: 349.584+/-0.061 χ^2/NDF:1505875.4/22

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

Left In: 351.238+/-0.062 χ^2/NDF:1148571.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 350.391+/-0.043 χ^2/NDF: 2654808.8/43

- 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: -87.914+/-84.084 χ^2/NDF:30.2/22

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

Left In: 45.505+/-86.012 χ^2/NDF:31.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -22.716+/-60.127 χ^2/NDF: 62.7/43

- 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: 342.477+/-0.059 χ^2/NDF:1510990.9/22

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

Left In: 342.697+/-0.061 χ^2/NDF:1152534.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 342.585+/-0.043 χ^2/NDF: 2663531.6/43

- 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: 29.929+/-10.379 χ^2/NDF:34.5/22

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

Left In: -9.263+/-10.718 χ^2/NDF:29.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 10.962+/-7.456 χ^2/NDF: 70.8/43

- 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: 42.825+/-0.007 χ^2/NDF:766187.3/22

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

Left In: 43.147+/-0.008 χ^2/NDF:638302.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 42.981+/-0.005 χ^2/NDF: 1405424.4/43

- 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: -118.299+/-32.758 χ^2/NDF:31.9/22

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

Left In: -26.366+/-33.216 χ^2/NDF:27.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -72.970+/-23.324 χ^2/NDF: 63.1/43

- 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: 132.688+/-0.023 χ^2/NDF:1772885.7/22

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

Left In: 131.944+/-0.023 χ^2/NDF:1400252.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 132.321+/-0.016 χ^2/NDF: 3173645.9/43

- 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: 152.293+/-31.585 χ^2/NDF:24.9/22

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

Left In: 15.543+/-32.053 χ^2/NDF:29.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 84.925+/-22.498 χ^2/NDF: 63.8/43

- 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: 128.639+/-0.022 χ^2/NDF:1508627.1/22

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

Left In: 127.461+/-0.023 χ^2/NDF:1229672.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 128.059+/-0.016 χ^2/NDF: 2739671.0/43

- 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: 38.971+/-14.438 χ^2/NDF:14.6/22

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

Left In: -62.113+/-14.993 χ^2/NDF:30.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -9.665+/-10.400 χ^2/NDF: 68.9/43

- 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: 58.444+/-0.010 χ^2/NDF:1224296.0/22

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

Left In: 59.462+/-0.011 χ^2/NDF:823843.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 58.934+/-0.007 χ^2/NDF: 2052926.5/43

- 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: -434.240+/-87.309 χ^2/NDF:57.7/22

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

Left In: -92.890+/-88.680 χ^2/NDF:18.1/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -266.225+/-62.216 χ^2/NDF: 83.3/43

- 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: 358.888+/-0.062 χ^2/NDF:995453.4/22

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

Left In: 355.901+/-0.063 χ^2/NDF:874878.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 357.418+/-0.044 χ^2/NDF: 1871484.0/43

- 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: 503.089+/-85.877 χ^2/NDF:55.7/22

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

Left In: 24.430+/-87.069 χ^2/NDF:21.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 267.060+/-61.141 χ^2/NDF: 92.7/43

- 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: 352.727+/-0.061 χ^2/NDF:1001544.1/22

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

Left In: 348.890+/-0.062 χ^2/NDF:882487.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 350.835+/-0.043 χ^2/NDF: 1886000.5/43

- 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: 40.209+/-26.782 χ^2/NDF:16.2/22

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

Left In: -67.522+/-27.698 χ^2/NDF:23.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -11.844+/-19.253 χ^2/NDF: 47.8/43

- 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: 107.328+/-0.019 χ^2/NDF:1557596.5/22

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

Left In: 109.022+/-0.020 χ^2/NDF:937839.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 108.146+/-0.014 χ^2/NDF: 2499302.8/43

- 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: -852.128+/-169.134 χ^2/NDF:64.9/22

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

Left In: -142.973+/-171.040 χ^2/NDF:21.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -501.524+/-120.264 χ^2/NDF: 94.8/43

- 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: 691.565+/-0.120 χ^2/NDF:1260667.2/22

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

Left In: 683.469+/-0.121 χ^2/NDF:1149813.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 687.563+/-0.085 χ^2/NDF: 2412746.5/43

- 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: 933.456+/-169.531 χ^2/NDF:61.6/22

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

Left In: 62.230+/-172.032 χ^2/NDF:22.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 504.221+/-120.751 χ^2/NDF: 96.9/43

- 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: 693.867+/-0.120 χ^2/NDF:1230103.3/22

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

Left In: 686.876+/-0.122 χ^2/NDF:1115317.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 690.423+/-0.085 χ^2/NDF: 2347096.5/43

- 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: -0.888+/-7.841 χ^2/NDF:19.2/22

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

Left In: 4.950+/-8.062 χ^2/NDF:17.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1.950+/-5.621 χ^2/NDF: 37.2/43

- 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: 31.517+/-0.006 χ^2/NDF:1458671.0/22

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

Left In: 31.863+/-0.006 χ^2/NDF:764460.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 31.685+/-0.004 χ^2/NDF: 2225025.2/43

- 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: 208.869+/-43.248 χ^2/NDF:68.2/22

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

Left In: 24.146+/-43.944 χ^2/NDF:25.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 117.982+/-30.824 χ^2/NDF: 102.6/43

- 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: 176.564+/-0.031 χ^2/NDF:1372912.9/22

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

Left In: 175.051+/-0.031 χ^2/NDF:1339749.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 175.819+/-0.022 χ^2/NDF: 2713866.5/43

- 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: -214.090+/-43.243 χ^2/NDF:63.7/22

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

Left In: -17.974+/-43.990 χ^2/NDF:23.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -117.711+/-30.838 χ^2/NDF: 97.3/43

- 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: 176.303+/-0.031 χ^2/NDF:1478246.4/22

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

Left In: 174.990+/-0.031 χ^2/NDF:1354798.1/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 175.658+/-0.022 χ^2/NDF: 2833950.0/43

- 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: 39.413+/-20.042 χ^2/NDF:15.4/22

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

Left In: -64.696+/-20.761 χ^2/NDF:26.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -10.808+/-14.419 χ^2/NDF: 55.0/43

- 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: 80.494+/-0.014 χ^2/NDF:1485685.0/22

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

Left In: 81.817+/-0.015 χ^2/NDF:941330.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 81.132+/-0.010 χ^2/NDF: 2431223.6/43

- 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: -655.939+/-123.983 χ^2/NDF:62.0/22

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

Left In: -118.189+/-128.975 χ^2/NDF:20.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -397.672+/-89.382 χ^2/NDF: 91.0/43

- 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: 500.311+/-0.088 χ^2/NDF:1610119.5/22

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

Left In: 516.110+/-0.091 χ^2/NDF:1061575.1/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 507.899+/-0.063 χ^2/NDF: 2687293.0/43

- 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: 718.791+/-127.234 χ^2/NDF:60.1/22

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

Left In: 43.739+/-129.053 χ^2/NDF:22.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 386.055+/-90.604 χ^2/NDF: 95.9/43

- 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: 521.404+/-0.090 χ^2/NDF:1149926.1/22

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

Left In: 515.916+/-0.091 χ^2/NDF:1034489.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 518.699+/-0.064 χ^2/NDF: 2186249.2/43

- 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: -238.345+/-0.113 χ^2/NDF:74690.6/21

Right Out: -194.268+/-0.165 χ^2/NDF: 176560.4/17

Left In: -230.962+/-0.104 χ^2/NDF:113734.0/20

+ sign -158.222+/-0.000 χ^2/NDF: 691204.9/37

All: -158.222+/-0.000 χ^2/NDF: 1516724.1/76

- sign -220.517+/-0.088 χ^2/NDF: 325611.5/38

dit_usl_4eX_slope vs Slug

Right In: 174.085+/-0.000 χ^2/NDF: 53377.4/15

Left Out: 196.101+/-0.114 χ^2/NDF:69194.2/21

Right Out: 149.948+/-0.196 χ^2/NDF: 167846.4/17

Left In: 190.523+/-0.105 χ^2/NDF:116012.6/20

+ sign 174.085+/-0.000 χ^2/NDF: 159999.2/37

All: 174.085+/-0.000 χ^2/NDF: 483434.1/76

- sign 181.393+/-0.093 χ^2/NDF: 317227.6/38

dit_usl_11X12X_slope vs Slug

Right In: -46.126+/-0.000 χ^2/NDF: 201273.7/15

Left Out: -40.107+/-0.006 χ^2/NDF:153003.5/21

Right Out: -28.139+/-0.000 χ^2/NDF: 746939.9/17

Left In: -39.446+/-0.007 χ^2/NDF:229341.6/20

+ sign -46.126+/-0.000 χ^2/NDF: 1216550.6/37

All: -39.778+/-0.000 χ^2/NDF: 24879599323 1

- sign -28.139+/-0.000 χ^2/NDF: 3673257.2/38

dit_usl_4aY_slope vs Slug

Right In: -2.061+/-0.018 χ^2/NDF: 25665.1/15

Left Out: 0.610+/-0.006 χ^2/NDF:234158.4/21

Right Out: 13.204+/-0.000 χ^2/NDF: 509721.0/17

Left In: 0.505+/-0.005 χ^2/NDF:315590.4/20

+ sign 0.313+/-0.006 χ^2/NDF: 279787.3/37

All: 13.204+/-0.000 χ^2/NDF: 11969000.1/76

- sign 13.204+/-0.000 χ^2/NDF: 6987372.2/38

dit_usl_4eY_slope vs Slug

Right In: 22.711+/-0.019 χ^2/NDF: 22767.9/15

Left Out: 17.782+/-0.007 χ^2/NDF:159730.4/21

Right Out: 21.790+/-0.022 χ^2/NDF: 26670.9/17

Left In: 19.360+/-0.007 χ^2/NDF:198491.7/20

+ sign 18.421+/-0.007 χ^2/NDF: 242612.0/37

All: 19.004+/-0.005 χ^2/NDF: 494432.9/76

- sign 19.606+/-0.007 χ^2/NDF: 236626.6/38

dit_usr_4aX_slope vs Slug

Right In: -276.201+/-0.167 χ^2/NDF: 58107.7/16

Left Out: -314.467+/-0.099 χ^2/NDF:50585.6/22

Right Out: -281.150+/-0.148 χ^2/NDF: 77611.5/18

Left In: -318.782+/-0.097 χ^2/NDF:58459.4/20

+ sign -304.546+/-0.085 χ^2/NDF: 147787.4/39

All: -306.037+/-0.059 χ^2/NDF: 329824.5/79

- sign -307.401+/-0.081 χ^2/NDF: 181445.5/39

dit_usr_4eX_slope vs Slug

Right In: 374.094+/-0.000 χ^2/NDF: 35072.0/16

Left Out: 395.885+/-0.099 χ^2/NDF:66424.5/22

Right Out: 373.134+/-0.158 χ^2/NDF: 108219.4/18

Left In: 400.389+/-0.099 χ^2/NDF:74651.3/20

+ sign 374.094+/-0.000 χ^2/NDF: 150271.3/39

All: 374.094+/-0.000 χ^2/NDF: 404037.8/79

- sign 392.726+/-0.084 χ^2/NDF: 204274.2/39

dit_usr_11X12X_slope vs Slug

Right In: -42.744+/-0.000 χ^2/NDF: 13262.6/16

Left Out: -37.556+/-0.004 χ^2/NDF:266948.4/22

Right Out: -29.754+/-0.000 χ^2/NDF: 483930.3/18

Left In: -37.922+/-0.004 χ^2/NDF:156363.0/20

+ sign -42.744+/-0.000 χ^2/NDF: 2051597.1/39

All: -38.159+/-0.000 χ^2/NDF: 129765212680

- sign -29.754+/-0.000 χ^2/NDF: 4381730.0/39

dit_usr_4aY_slope vs Slug

Right In: -9.259+/-0.000 χ^2/NDF: 405850.5/16

Left Out: 2.034+/-0.005 χ^2/NDF:272658.4/22

Right Out: 18.504+/-0.000 χ^2/NDF: 7366781.0/18

Left In: 0.765+/-0.006 χ^2/NDF:212167.8/20

+ sign -9.259+/-0.000 χ^2/NDF: 5853285.3/39

All: 6.039+/-0.000 χ^2/NDF: 1645057450595

- sign 18.504+/-0.000 χ^2/NDF: 16773351.1/39

dit_usr_4eY_slope vs Slug

Right In: 16.947+/-0.000 χ^2/NDF: 11231.8/16

Left Out: 10.862+/-0.007 χ^2/NDF:123595.9/22

Right Out: -11.075+/-0.000 χ^2/NDF: 2712010.0/18

Left In: 11.371+/-0.008 χ^2/NDF:91885.3/20

+ sign 16.947+/-0.000 χ^2/NDF: 947396.3/39

All: -2.268+/-0.000 χ^2/NDF: 469252745463

- sign -11.075+/-0.000 χ^2/NDF: 10783320.6/39

dit_atl1_4aX_slope vs Slug

Right In: -205.160+/-0.000 χ^2/NDF: 582775.6/16

Left Out: -111.006+/-0.196 χ^2/NDF:60861.1/22

Right Out: -57.684+/-0.283 χ^2/NDF: 114854.9/18

Left In: -118.072+/-0.227 χ^2/NDF:64474.3/20

+ sign -205.160+/-0.000 χ^2/NDF: 875344.6/39

All: -205.160+/-0.000 χ^2/NDF: 1472582.9/79

- sign -94.449+/-0.177 χ^2/NDF: 206981.5/39

dit_atl1_4eX_slope vs Slug

Right In: 339.325+/-0.000 χ^2/NDF: 1030606.3/16

Left Out: 155.349+/-0.200 χ^2/NDF:95547.5/22

Right Out: 68.024+/-0.286 χ^2/NDF: 272330.9/18

Left In: 163.510+/-0.232 χ^2/NDF:70784.5/20

+ sign 339.325+/-0.000 χ^2/NDF: 1973178.4/39

All: 339.325+/-0.000 χ^2/NDF: 3791467.1/79

- sign 125.687+/-0.180 χ^2/NDF: 410392.7/39

dit_atl1_11X12X_slope vs Slug

Right In: -48.945+/-0.000 χ^2/NDF: 5408370.4/16

Left Out: -17.907+/-0.010 χ^2/NDF:601766.9/22

Right Out: -27.303+/-0.052 χ^2/NDF: 167879.9/18

Left In: -18.182+/-0.012 χ^2/NDF:216765.3/20

+ sign -48.945+/-0.000 χ^2/NDF: 15447715.7/39

All: -48.945+/-0.000 χ^2/NDF: 22237231.3/79

- sign -18.672+/-0.012 χ^2/NDF: 414104.7/39

dit_atl1_4aY_slope vs Slug

Right In: 6.728+/-0.000 χ^2/NDF: 13749.2/16

Left Out: 11.167+/-0.013 χ^2/NDF:30487.0/22

Right Out: 9.502+/-0.036 χ^2/NDF: 26822.1/18

Left In: 11.562+/-0.011 χ^2/NDF:14705.3/20

+ sign 6.728+/-0.000 χ^2/NDF: 165620.9/39

All: 6.728+/-0.000 χ^2/NDF: 420898.2/79

- sign 11.394+/-0.010 χ^2/NDF: 44600.0/39

dit_atl1_4eY_slope vs Slug

Right In: -19.693+/-0.000 χ^2/NDF: 7579.0/16

Left Out: -19.526+/-0.015 χ^2/NDF:57788.2/22

Right Out: 19.086+/-0.000 χ^2/NDF: 610746.9/18

Left In: -19.776+/-0.015 χ^2/NDF:18980.3/20

+ sign -19.693+/-0.000 χ^2/NDF: 65497.6/39

All: -6.006+/-0.000 χ^2/NDF: 462563773129

- sign 19.086+/-0.000 χ^2/NDF: 6988971.2/39

dit_atl2_4aX_slope vs Slug

Right In: -889.928+/-0.000 χ^2/NDF: 775896.0/16

Left Out: -1918.056+/-0.365 χ^2/NDF:712772.0/22

Right Out: -1134.421+/-0.000 χ^2/NDF: 733812.0/18

Left In: -1924.515+/-0.373 χ^2/NDF:594058.1/20

+ sign -889.928+/-0.000 χ^2/NDF: 9405797.0/39

All: -976.220+/-0.000 χ^2/NDF: 4488978738

- sign -1134.421+/-0.000 χ^2/NDF: 5825002.2/39

dit_atl2_4eX_slope vs Slug

Right In: 1171.188+/-0.245 χ^2/NDF: 508989.2/16

Left Out: 1984.676+/-0.365 χ^2/NDF:693531.8/22

Right Out: 1089.705+/-0.253 χ^2/NDF: 1100321.6/18

Left In: 1999.403+/-0.375 χ^2/NDF:540476.5/20

+ sign 1424.189+/-0.204 χ^2/NDF: 4620884.4/39

All: 1400.094+/-0.146 χ^2/NDF: 10323379.7/7

- sign 1374.464+/-0.210 χ^2/NDF: 5673614.2/39

dit_atl2_11X12X_slope vs Slug

Right In: -212.190+/-0.000 χ^2/NDF: 1149195.1/16

Left Out: -273.517+/-0.023 χ^2/NDF:6455573.2/22

Right Out: -188.033+/-0.000 χ^2/NDF: 602264.3/18

Left In: -281.379+/-0.022 χ^2/NDF:2042886.9/20

+ sign -212.190+/-0.000 χ^2/NDF: 14746628.3/39

All: -195.625+/-0.000 χ^2/NDF: 1362230362

- sign -188.033+/-0.000 χ^2/NDF: 20713538.0/39

dit_atl2_4aY_slope vs Slug

Right In: -56.037+/-0.000 χ^2/NDF: 1585420.7/16

Left Out: -4.521+/-0.018 χ^2/NDF:1298769.8/22

Right Out: -7.476+/-0.042 χ^2/NDF: 173893.8/18

Left In: -11.192+/-0.019 χ^2/NDF:1561594.8/20

+ sign -56.037+/-0.000 χ^2/NDF: 11107378.3/39

All: -56.037+/-0.000 χ^2/NDF: 19863945.4/79

- sign -10.577+/-0.017 χ^2/NDF: 1741965.8/39

dit_atl2_4eY_slope vs Slug

Right In: 138.565+/-0.000 χ^2/NDF: 901159.7/16

Left Out: 124.077+/-0.025 χ^2/NDF:1439117.4/22

Right Out: 6.866+/-0.000 χ^2/NDF: 8047391.7/18

Left In: 128.730+/-0.027 χ^2/NDF:1213676.5/20

+ sign 138.565+/-0.000 χ^2/NDF: 2680069.8/39

All: 7.101+/-0.000 χ^2/NDF: 2357682268192

- sign 6.866+/-0.000 χ^2/NDF: 30331375.1/39

dit_atr1_4aX_slope vs Slug

Right In: -73.485+/-0.000 χ^2/NDF: 98703.2/16

Left Out: -168.253+/-0.237 χ^2/NDF:80386.6/22

Right Out: -580.262+/-0.261 χ^2/NDF: 3031609.5/18

Left In: -160.704+/-0.245 χ^2/NDF:73219.6/20

+ sign -73.485+/-0.000 χ^2/NDF: 339113.5/39

All: -73.485+/-0.000 χ^2/NDF: 7342133.0/79

- sign -357.544+/-0.179 χ^2/NDF: 4477167.8/39

dit_atr1_4eX_slope vs Slug

Right In: 42.743+/-0.000 χ^2/NDF: 84599.8/16

Left Out: 122.831+/-0.242 χ^2/NDF:94373.4/22

Right Out: 1036.068+/-0.000 χ^2/NDF: 4933722.5/18

Left In: 114.932+/-0.252 χ^2/NDF:81366.4/20

+ sign 42.743+/-0.000 χ^2/NDF: 288606.8/39

All: 43.272+/-0.000 χ^2/NDF: 114451749726

- sign 1036.068+/-0.000 χ^2/NDF: 18332924.4/39

dit_atr1_11X12X_slope vs Slug

Right In: -28.822+/-0.035 χ^2/NDF: 49503.4/16

Left Out: -20.089+/-0.012 χ^2/NDF:369598.7/22

Right Out: -22.707+/-0.038 χ^2/NDF: 410174.9/18

Left In: -19.099+/-0.014 χ^2/NDF:214332.4/20

+ sign -21.087+/-0.012 χ^2/NDF: 475079.5/39

All: -20.411+/-0.009 χ^2/NDF: 1115035.4/79

- sign -19.541+/-0.013 χ^2/NDF: 632381.9/39

dit_atr1_4aY_slope vs Slug

Right In: 13.238+/-0.000 χ^2/NDF: 5756.1/16

Left Out: 14.217+/-0.012 χ^2/NDF:11877.1/22

Right Out: -66.739+/-0.000 χ^2/NDF: 3023648.4/18

Left In: 14.385+/-0.012 χ^2/NDF:12133.1/20

+ sign 13.238+/-0.000 χ^2/NDF: 24042.3/39

All: 12.562+/-0.000 χ^2/NDF: 188431002765

- sign -66.739+/-0.000 χ^2/NDF: 50258444.4/39

dit_atr1_4eY_slope vs Slug

Right In: -32.504+/-0.000 χ^2/NDF: 74187.4/16

Left Out: -24.702+/-0.016 χ^2/NDF:22407.1/22

Right Out: -23.151+/-0.048 χ^2/NDF: 90749.4/18

Left In: -24.796+/-0.016 χ^2/NDF:11821.6/20

+ sign -32.504+/-0.000 χ^2/NDF: 349532.5/39

All: -32.504+/-0.000 χ^2/NDF: 737554.1/79

- sign -24.638+/-0.015 χ^2/NDF: 103650.3/39

dit_atr2_4aX_slope vs Slug

Right In: -1342.107+/-0.000 χ^2/NDF: 370901.4/16

Left Out: -1899.686+/-0.323 χ^2/NDF:59165.8/22

Right Out: -1496.932+/-0.000 χ^2/NDF: 504712.5/18

Left In: -1907.772+/-0.293 χ^2/NDF:58657.3/20

+ sign -1342.107+/-0.000 χ^2/NDF: 3413890.1/39

All: -1396.751+/-0.000 χ^2/NDF: 1800086126

- sign -1496.932+/-0.000 χ^2/NDF: 2532230.5/39

dit_atr2_4eX_slope vs Slug

Right In: 1873.852+/-0.000 χ^2/NDF: 201563.9/16

Left Out: 2128.739+/-0.322 χ^2/NDF:45690.9/22

Right Out: 1706.739+/-0.302 χ^2/NDF: 837936.9/18

Left In: 2138.853+/-0.294 χ^2/NDF:53952.6/20

+ sign 1873.852+/-0.000 χ^2/NDF: 874156.6/39

All: 1873.852+/-0.000 χ^2/NDF: 2886568.1/79

- sign 1929.228+/-0.211 χ^2/NDF: 1943282.4/39

dit_atr2_11X12X_slope vs Slug

Right In: -292.986+/-0.000 χ^2/NDF: 1015592.4/16

Left Out: -257.726+/-0.020 χ^2/NDF:225353.7/22

Right Out: -254.119+/-0.059 χ^2/NDF: 502658.5/18

Left In: -258.333+/-0.018 χ^2/NDF:266744.6/20

+ sign -292.986+/-0.000 χ^2/NDF: 4332738.0/39

All: -292.986+/-0.000 χ^2/NDF: 9374589.9/79

- sign -257.985+/-0.017 χ^2/NDF: 774084.1/39

dit_atr2_4aY_slope vs Slug

Right In: -78.728+/-0.000 χ^2/NDF: 1399088.3/16

Left Out: -7.468+/-0.018 χ^2/NDF:1016506.0/22

Right Out: -5.769+/-0.000 χ^2/NDF: 111570.1/18

Left In: -14.025+/-0.017 χ^2/NDF:1238765.1/20

+ sign -78.728+/-0.000 χ^2/NDF: 18047442.2/39

All: -6.288+/-0.000 χ^2/NDF: 2878797679293

- sign -5.769+/-0.000 χ^2/NDF: 1583882.1/39

dit_atr2_4eY_slope vs Slug

Right In: 189.551+/-0.000 χ^2/NDF: 927391.8/16

Left Out: 115.420+/-0.023 χ^2/NDF:374992.3/22

Right Out: 138.002+/-0.059 χ^2/NDF: 117357.8/18

Left In: 117.448+/-0.024 χ^2/NDF:405731.2/20

+ sign 189.551+/-0.000 χ^2/NDF: 11729718.6/39

All: 189.551+/-0.000 χ^2/NDF: 22081689.5/79

- sign 120.350+/-0.022 χ^2/NDF: 627086.2/39

dit_sam1_4aX_slope vs Slug

Right In: -1.007+/-0.000 χ^2/NDF: 7057.7/16

Left Out: 2.151+/-0.015 χ^2/NDF:6570.1/22

Right Out: -11.872+/-0.000 χ^2/NDF: 503632.2/18

Left In: 2.328+/-0.014 χ^2/NDF:7198.2/20

+ sign -1.007+/-0.000 χ^2/NDF: 57488.8/39

All: -1.365+/-0.000 χ^2/NDF: 2170760676638

- sign -11.872+/-0.000 χ^2/NDF: 1478165.2/39

dit_sam1_4eX_slope vs Slug

Right In: -7.899+/-0.000 χ^2/NDF: 39443.5/16

Left Out: -16.569+/-0.015 χ^2/NDF:8371.5/22

Right Out: -2.410+/-0.000 χ^2/NDF: 203043.8/18

Left In: -16.586+/-0.015 χ^2/NDF:5982.0/20

+ sign -7.899+/-0.000 χ^2/NDF: 392172.2/39

All: -4.135+/-0.000 χ^2/NDF: 2879850560728

- sign -2.410+/-0.000 χ^2/NDF: 1097983.0/39

dit_sam1_11X12X_slope vs Slug

Right In: 0.314+/-0.001 χ^2/NDF: 2748.0/16

Left Out: 0.311+/-0.000 χ^2/NDF:4879.3/22

Right Out: -0.107+/-0.000 χ^2/NDF: 219932.8/18

Left In: 0.310+/-0.000 χ^2/NDF:3073.6/20

+ sign 0.311+/-0.000 χ^2/NDF: 7637.6/39

All: -0.107+/-0.000 χ^2/NDF: 6743076.0/79

- sign -0.107+/-0.000 χ^2/NDF: 3314722.3/39

dit_sam1_4aY_slope vs Slug

Right In: -38.539+/-0.000 χ^2/NDF: 14950854.6/16

Left Out: -50.433+/-0.001 χ^2/NDF:297751.7/22

Right Out: -52.737+/-0.002 χ^2/NDF: 87430.2/18

Left In: -50.260+/-0.001 χ^2/NDF:176627.6/20

+ sign -38.539+/-0.000 χ^2/NDF: 88350065.3/39

All: -38.539+/-0.000 χ^2/NDF: 232436913.2/7

- sign -51.027+/-0.001 χ^2/NDF: 1462834.0/39

dit_sam1_4eY_slope vs Slug

Right In: -60.594+/-0.000 χ^2/NDF: 26122838.1/16

Left Out: 6.696+/-0.004 χ^2/NDF:327986.0/22

Right Out: 6.748+/-0.011 χ^2/NDF: 1266598.3/18

Left In: 7.166+/-0.003 χ^2/NDF:208827.6/20

+ sign -60.594+/-0.000 χ^2/NDF: 353653562.2/39

All: -60.594+/-0.000 χ^2/NDF: 775012795.1/7

- sign 7.128+/-0.003 χ^2/NDF: 1476730.9/39

dit_sam2_4aX_slope vs Slug

Right In: 58.880+/-0.000 χ^2/NDF: 3814.7/16

Left Out: 47.684+/-0.226 χ^2/NDF:9080.2/22

Right Out: 95.846+/-0.000 χ^2/NDF: 39385.0/18

Left In: 50.422+/-0.218 χ^2/NDF:6345.1/20

+ sign 58.880+/-0.000 χ^2/NDF: 15354.4/39

All: 60.098+/-0.000 χ^2/NDF: 981523394566

- sign 95.846+/-0.000 χ^2/NDF: 89304.0/39

dit_sam2_4eX_slope vs Slug

Right In: -350.833+/-0.245 χ^2/NDF: 41301.1/16

Left Out: -224.871+/-0.226 χ^2/NDF:21793.9/22

Right Out: -498.692+/-0.000 χ^2/NDF: 511870.8/18

Left In: -232.818+/-0.223 χ^2/NDF:16998.5/20

+ sign -282.909+/-0.166 χ^2/NDF: 206176.4/39

All: -498.692+/-0.000 χ^2/NDF: 3852046.5/79

- sign -498.692+/-0.000 χ^2/NDF: 1955895.1/39

dit_sam2_11X12X_slope vs Slug

Right In: 1.930+/-0.000 χ^2/NDF: 59970.9/16

Left Out: 0.532+/-0.002 χ^2/NDF:10646.4/22

Right Out: 3.123+/-0.000 χ^2/NDF: 512565.5/18

Left In: 0.575+/-0.001 χ^2/NDF:15176.8/20

+ sign 1.930+/-0.000 χ^2/NDF: 696876.1/39

All: 2.073+/-0.000 χ^2/NDF: 3809953457808

- sign 3.123+/-0.000 χ^2/NDF: 3487320.1/39

dit_sam2_4aY_slope vs Slug

Right In: 54.556+/-0.000 χ^2/NDF: 7238433.0/16

Left Out: 11.402+/-0.006 χ^2/NDF:353230.0/22

Right Out: 17.458+/-0.018 χ^2/NDF: 99308.5/18

Left In: 11.667+/-0.005 χ^2/NDF:360014.7/20

+ sign 54.556+/-0.000 χ^2/NDF: 65619962.3/39

All: 54.556+/-0.000 χ^2/NDF: 133578589.4/79

- sign 12.130+/-0.005 χ^2/NDF: 551614.6/39

dit_sam2_4eY_slope vs Slug

Right In: -382.108+/-0.000 χ^2/NDF: 18398024.3/16

Left Out: -191.155+/-0.011 χ^2/NDF:1562642.0/22

Right Out: -483.800+/-0.000 χ^2/NDF: 24338683.6/18

Left In: -193.124+/-0.012 χ^2/NDF:1441750.4/20

+ sign -382.108+/-0.000 χ^2/NDF: 301149516.7/39

All: -417.999+/-0.000 χ^2/NDF: 12425488813

- sign -483.800+/-0.000 χ^2/NDF: 644320562.5/39

dit_sam3_4aX_slope vs Slug

Right In: -26.504+/-0.000 χ^2/NDF: 1180.7/16

Left Out: -28.804+/-0.241 χ^2/NDF:7060.8/22

Right Out: -26.577+/-0.000 χ^2/NDF: 2640.9/18

Left In: -28.177+/-0.219 χ^2/NDF:7365.7/20

+ sign -26.504+/-0.000 χ^2/NDF: 8332.6/39

All: -26.530+/-0.000 χ^2/NDF: 412159279654

- sign -26.577+/-0.000 χ^2/NDF: 10060.1/39

dit_sam3_4eX_slope vs Slug

Right In: -79.376+/-0.000 χ^2/NDF: 1304.6/16

Left Out: -57.913+/-0.235 χ^2/NDF:12919.2/22

Right Out: -83.099+/-0.178 χ^2/NDF: 11915.8/18

Left In: -61.289+/-0.221 χ^2/NDF:8652.0/20

+ sign -79.376+/-0.000 χ^2/NDF: 22589.6/39

All: -79.376+/-0.000 χ^2/NDF: 50301.4/79

- sign -74.500+/-0.139 χ^2/NDF: 26475.3/39

dit_sam3_11X12X_slope vs Slug

Right In: 0.521+/-0.000 χ^2/NDF: 3370.8/16

Left Out: 0.324+/-0.002 χ^2/NDF:10362.9/22

Right Out: 0.403+/-0.011 χ^2/NDF: 2727.5/18

Left In: 0.396+/-0.001 χ^2/NDF:10733.6/20

+ sign 0.521+/-0.000 χ^2/NDF: 28135.0/39

All: 0.521+/-0.000 χ^2/NDF: 48861.0/79

- sign 0.397+/-0.001 χ^2/NDF: 13461.5/39

dit_sam3_4aY_slope vs Slug

Right In: -2.320+/-0.000 χ^2/NDF: 270771.9/16

Left Out: -6.800+/-0.003 χ^2/NDF:14817.1/22

Right Out: -4.864+/-0.010 χ^2/NDF: 49380.5/18

Left In: -6.833+/-0.002 χ^2/NDF:8667.5/20

+ sign -2.320+/-0.000 χ^2/NDF: 3497330.5/39

All: -2.320+/-0.000 χ^2/NDF: 7107228.5/79

- sign -6.730+/-0.002 χ^2/NDF: 92638.5/39

dit_sam3_4eY_slope vs Slug

Right In: 11.268+/-0.000 χ^2/NDF: 958029.3/16

Left Out: 29.391+/-0.008 χ^2/NDF:43376.6/22

Right Out: 37.191+/-0.000 χ^2/NDF: 1121929.1/18

Left In: 29.315+/-0.008 χ^2/NDF:11820.2/20

+ sign 11.268+/-0.000 χ^2/NDF: 5811430.6/39

All: 12.122+/-0.000 χ^2/NDF: 772305569497

- sign 37.191+/-0.000 χ^2/NDF: 2123947.3/39

dit_sam4_4aX_slope vs Slug

Right In: -4.139+/-0.000 χ^2/NDF: 4654.2/16

Left Out: 52.487+/-0.280 χ^2/NDF:6112.0/22

Right Out: 54.427+/-0.170 χ^2/NDF: 53998.7/18

Left In: 55.035+/-0.250 χ^2/NDF:5933.5/20

+ sign -4.139+/-0.000 χ^2/NDF: 51528.5/39

All: -4.139+/-0.000 χ^2/NDF: 285959.3/79

- sign 54.620+/-0.141 χ^2/NDF: 59936.3/39

dit_sam4_4eX_slope vs Slug

Right In: -124.095+/-0.000 χ^2/NDF: 38152.5/16

Left Out: -222.895+/-0.277 χ^2/NDF:15467.5/22

Right Out: -273.143+/-0.113 χ^2/NDF: 280141.9/18

Left In: -231.113+/-0.251 χ^2/NDF:11815.9/20

+ sign -124.095+/-0.000 χ^2/NDF: 181192.4/39

All: -124.095+/-0.000 χ^2/NDF: 2402719.6/79

- sign -266.112+/-0.103 χ^2/NDF: 315216.1/39

dit_sam4_11X12X_slope vs Slug

Right In: 0.888+/-0.000 χ^2/NDF: 8672.0/16

Left Out: 0.528+/-0.002 χ^2/NDF:9076.7/22

Right Out: -0.226+/-0.000 χ^2/NDF: 5031.1/18

Left In: 0.574+/-0.002 χ^2/NDF:5089.3/20

+ sign 0.888+/-0.000 χ^2/NDF: 48154.4/39

All: 0.888+/-0.000 χ^2/NDF: 422289758.4/79

- sign -0.225+/-0.000 χ^2/NDF: 169982.4/39

dit_sam4_4aY_slope vs Slug

Right In: 4.057+/-0.000 χ^2/NDF: 1247888.2/16

Left Out: -16.302+/-0.010 χ^2/NDF:185917.5/22

Right Out: -22.885+/-0.026 χ^2/NDF: 116508.9/18

Left In: -17.349+/-0.009 χ^2/NDF:168062.7/20

+ sign 4.057+/-0.000 χ^2/NDF: 5501669.1/39

All: 4.057+/-0.000 χ^2/NDF: 12026512.0/79

- sign -17.975+/-0.009 χ^2/NDF: 323809.1/39

dit_sam4_4eY_slope vs Slug

Right In: 158.293+/-0.000 χ^2/NDF: 2410913.3/16

Left Out: 245.717+/-0.028 χ^2/NDF:712055.8/22

Right Out: 175.536+/-0.000 χ^2/NDF: 2100196.2/18

Left In: 252.089+/-0.028 χ^2/NDF:357653.7/20

+ sign 158.293+/-0.000 χ^2/NDF: 13180221.0/39

All: 172.618+/-0.000 χ^2/NDF: 37372749122

- sign 175.536+/-0.000 χ^2/NDF: 9730745.6/39

dit_sam5_4aX_slope vs Slug

Right In: 3.778+/-0.000 χ^2/NDF: 6871.4/16

Left Out: 11.379+/-0.030 χ^2/NDF:4288.2/22

Right Out: 5.756+/-0.026 χ^2/NDF: 22291.6/18

Left In: 10.762+/-0.028 χ^2/NDF:9589.8/20

+ sign 3.778+/-0.000 χ^2/NDF: 73818.7/39

All: 3.778+/-0.000 χ^2/NDF: 173704.3/79

- sign 8.049+/-0.019 χ^2/NDF: 49182.8/39

dit_sam5_4eX_slope vs Slug

Right In: -0.287+/-0.000 χ^2/NDF: 44276.5/16

Left Out: -5.387+/-0.030 χ^2/NDF:41984.3/22

Right Out: -5.882+/-0.027 χ^2/NDF: 63493.9/18

Left In: -6.090+/-0.029 χ^2/NDF:55752.8/20

+ sign -0.287+/-0.000 χ^2/NDF: 114462.6/39

All: -0.287+/-0.000 χ^2/NDF: 317438.9/79

- sign -5.981+/-0.020 χ^2/NDF: 119274.7/39

dit_sam5_11X12X_slope vs Slug

Right In: 0.193+/-0.000 χ^2/NDF: 10027.5/16

Left Out: 0.326+/-0.001 χ^2/NDF:2783.6/22

Right Out: 0.280+/-0.001 χ^2/NDF: 6059.0/18

Left In: 0.342+/-0.001 χ^2/NDF:3596.1/20

+ sign 0.193+/-0.000 χ^2/NDF: 69550.2/39

All: 0.193+/-0.000 χ^2/NDF: 159598.5/79

- sign 0.334+/-0.001 χ^2/NDF: 11166.9/39

dit_sam5_4aY_slope vs Slug

Right In: 35.664+/-0.011 χ^2/NDF: 218662.5/16

Left Out: 31.891+/-0.003 χ^2/NDF:58641.4/22

Right Out: 89.735+/-0.000 χ^2/NDF: 25801560.6/18

Left In: 32.084+/-0.003 χ^2/NDF:21633.9/20

+ sign 32.164+/-0.003 χ^2/NDF: 379521.6/39

All: 89.735+/-0.000 χ^2/NDF: 663986885.4/79

- sign 89.735+/-0.000 χ^2/NDF: 308728560.3/39

dit_sam5_4eY_slope vs Slug

Right In: 81.005+/-0.035 χ^2/NDF: 2228881.4/16

Left Out: 117.319+/-0.008 χ^2/NDF:170608.1/22

Right Out: 27.798+/-0.000 χ^2/NDF: 9183707.8/18

Left In: 117.017+/-0.009 χ^2/NDF:51316.7/20

+ sign 115.520+/-0.008 χ^2/NDF: 3450578.9/39

All: 27.798+/-0.000 χ^2/NDF: 245258430.4/79

- sign 27.798+/-0.000 χ^2/NDF: 111550722.5/39

dit_sam6_4aX_slope vs Slug

Right In: 48.450+/-0.000 χ^2/NDF: 2751.4/16

Left Out: 68.508+/-0.138 χ^2/NDF:6505.8/22

Right Out: 27.342+/-0.000 χ^2/NDF: 25810.4/18

Left In: 68.050+/-0.129 χ^2/NDF:5286.5/20

+ sign 48.450+/-0.000 χ^2/NDF: 30461.0/39

All: 28.365+/-0.000 χ^2/NDF: 102629010488

- sign 27.342+/-0.000 χ^2/NDF: 129932.7/39

dit_sam6_4eX_slope vs Slug

Right In: -18.800+/-0.148 χ^2/NDF: 11764.7/16

Left Out: 4.210+/-0.138 χ^2/NDF:10042.5/22

Right Out: -5.568+/-0.000 χ^2/NDF: 23097.3/18

Left In: 3.826+/-0.130 χ^2/NDF:5892.7/20

+ sign -6.445+/-0.101 χ^2/NDF: 34709.6/39

All: -5.568+/-0.000 χ^2/NDF: 68988.3/79

- sign -5.568+/-0.000 χ^2/NDF: 34203.2/39

dit_sam6_11X12X_slope vs Slug

Right In: 0.830+/-0.000 χ^2/NDF: 14882.7/16

Left Out: 0.515+/-0.001 χ^2/NDF:15180.3/22

Right Out: 0.227+/-0.000 χ^2/NDF: 11819.9/18

Left In: 0.541+/-0.001 χ^2/NDF:11156.1/20

+ sign 0.830+/-0.000 χ^2/NDF: 131466.8/39

All: 0.289+/-0.000 χ^2/NDF: 2906608256145

- sign 0.227+/-0.000 χ^2/NDF: 141026.3/39

dit_sam6_4aY_slope vs Slug

Right In: 22.543+/-0.009 χ^2/NDF: 105452.8/16

Left Out: 15.333+/-0.004 χ^2/NDF:397746.5/22

Right Out: 23.023+/-0.009 χ^2/NDF: 165838.0/18

Left In: 15.265+/-0.005 χ^2/NDF:255703.0/20

+ sign 16.641+/-0.004 χ^2/NDF: 994150.2/39

All: 16.793+/-0.003 χ^2/NDF: 1993044.7/79

- sign 16.966+/-0.004 χ^2/NDF: 995766.4/39

dit_sam6_4eY_slope vs Slug

Right In: -2.596+/-0.000 χ^2/NDF: 7395182.7/16

Left Out: 107.697+/-0.010 χ^2/NDF:1027489.5/22

Right Out: 1.758+/-0.000 χ^2/NDF: 4230949.4/18

Left In: 107.115+/-0.009 χ^2/NDF:932726.2/20

+ sign -2.596+/-0.000 χ^2/NDF: 142165500.0/39

All: -1.059+/-0.000 χ^2/NDF: 3731791751577

- sign 1.758+/-0.000 χ^2/NDF: 128254011.9/39

dit_sam7_4aX_slope vs Slug

Right In: 83.573+/-0.000 χ^2/NDF: 49468.0/16

Left Out: 86.519+/-0.061 χ^2/NDF:8477.9/22

Right Out: 93.762+/-0.000 χ^2/NDF: 82848.8/18

Left In: 86.531+/-0.053 χ^2/NDF:7636.9/20

+ sign 83.573+/-0.000 χ^2/NDF: 60244.9/39

All: 87.169+/-0.000 χ^2/NDF: 199568440414

- sign 93.762+/-0.000 χ^2/NDF: 108764.8/39

dit_sam7_4eX_slope vs Slug

Right In: -123.524+/-0.000 χ^2/NDF: 160356.5/16

Left Out: -129.586+/-0.061 χ^2/NDF:10711.5/22

Right Out: -133.456+/-0.000 χ^2/NDF: 394896.3/18

Left In: -129.417+/-0.053 χ^2/NDF:5861.6/20

+ sign -123.524+/-0.000 χ^2/NDF: 181034.5/39

All: -124.716+/-0.000 χ^2/NDF: 6446786990

- sign -133.456+/-0.000 χ^2/NDF: 406526.0/39

dit_sam7_11X12X_slope vs Slug

Right In: 0.376+/-0.000 χ^2/NDF: 3961.7/16

Left Out: 0.399+/-0.001 χ^2/NDF:8803.4/22

Right Out: 0.354+/-0.002 χ^2/NDF: 4592.7/18

Left In: 0.411+/-0.000 χ^2/NDF:8213.5/20

+ sign 0.376+/-0.000 χ^2/NDF: 14911.0/39

All: 0.376+/-0.000 χ^2/NDF: 33972.6/79

- sign 0.406+/-0.000 χ^2/NDF: 14122.2/39

dit_sam7_4aY_slope vs Slug

Right In: 7.032+/-0.000 χ^2/NDF: 19770.1/16

Left Out: 7.202+/-0.001 χ^2/NDF:36489.6/22

Right Out: 7.233+/-0.002 χ^2/NDF: 10061.8/18

Left In: 7.237+/-0.001 χ^2/NDF:19992.8/20

+ sign 7.032+/-0.000 χ^2/NDF: 91496.0/39

All: 7.032+/-0.000 χ^2/NDF: 189425.5/79

- sign 7.237+/-0.001 χ^2/NDF: 30057.3/39

dit_sam7_4eY_slope vs Slug

Right In: -10.092+/-0.000 χ^2/NDF: 543504.2/16

Left Out: -11.890+/-0.002 χ^2/NDF:497416.7/22

Right Out: -12.509+/-0.004 χ^2/NDF: 103509.4/18

Left In: -12.175+/-0.002 χ^2/NDF:48418.2/20

+ sign -10.092+/-0.000 χ^2/NDF: 2147012.6/39

All: -10.092+/-0.000 χ^2/NDF: 4188226.3/79

- sign -12.233+/-0.002 χ^2/NDF: 158464.5/39

dit_sam8_4aX_slope vs Slug

Right In: 57.510+/-0.000 χ^2/NDF: 8108.6/16

Left Out: 61.606+/-0.039 χ^2/NDF:7730.0/22

Right Out: 66.645+/-0.013 χ^2/NDF: 8163.8/18

Left In: 61.461+/-0.033 χ^2/NDF:8283.7/20

+ sign 57.510+/-0.000 χ^2/NDF: 26644.9/39

All: 57.510+/-0.000 χ^2/NDF: 545349.4/79

- sign 65.952+/-0.012 χ^2/NDF: 37464.7/39

dit_sam8_4eX_slope vs Slug

Right In: -74.974+/-0.000 χ^2/NDF: 130544.0/16

Left Out: -95.273+/-0.039 χ^2/NDF:9263.6/22

Right Out: -102.430+/-0.018 χ^2/NDF: 50377.5/18

Left In: -95.196+/-0.034 χ^2/NDF:10710.9/20

+ sign -74.974+/-0.000 χ^2/NDF: 407950.7/39

All: -74.974+/-0.000 χ^2/NDF: 3202155.1/79

- sign -100.859+/-0.016 χ^2/NDF: 96904.3/39

dit_sam8_11X12X_slope vs Slug

Right In: 0.541+/-0.000 χ^2/NDF: 29180.5/16

Left Out: 0.371+/-0.000 χ^2/NDF:6732.5/22

Right Out: 0.030+/-0.000 χ^2/NDF: 121659.5/18

Left In: 0.372+/-0.000 χ^2/NDF:5977.5/20

+ sign 0.541+/-0.000 χ^2/NDF: 241489.7/39

All: 0.030+/-0.000 χ^2/NDF: 2331429770096

- sign 0.030+/-0.000 χ^2/NDF: 1353475.7/39

dit_sam8_4aY_slope vs Slug

Right In: -51.888+/-0.002 χ^2/NDF: 77585.2/16

Left Out: -48.510+/-0.001 χ^2/NDF:690142.6/22

Right Out: -52.684+/-0.003 χ^2/NDF: 56125.8/18

Left In: -48.676+/-0.001 χ^2/NDF:804064.3/20

+ sign -49.146+/-0.001 χ^2/NDF: 2633682.2/39

All: -49.150+/-0.001 χ^2/NDF: 5653731.8/79

- sign -49.153+/-0.001 χ^2/NDF: 3020018.1/39

dit_sam8_4eY_slope vs Slug

Right In: 47.545+/-0.000 χ^2/NDF: 3491700.1/16

Left Out: 54.795+/-0.003 χ^2/NDF:298217.6/22

Right Out: 63.095+/-0.007 χ^2/NDF: 333637.2/18

Left In: 54.743+/-0.003 χ^2/NDF:94510.1/20

+ sign 47.545+/-0.000 χ^2/NDF: 9803278.7/39

All: 47.545+/-0.000 χ^2/NDF: 22163996.9/79

- sign 55.652+/-0.002 χ^2/NDF: 1541304.4/39

dit_4aX_coil1_mean vs Slug

Right In: -289.322+/-0.000 χ^2/NDF: 536968164048489147864958539218393497 6.0/14

+ sign -396.025+/-0.000 χ^2/NDF: 22413307403279

Left Out: -471.791+/-0.000 χ^2/NDF:4407577357733372304653153526381281280.0/11

All: -397.428+/-0.000 χ^2/NDF: 50007078016

Right Out: -259.558+/-0.000 χ^2/NDF: 42998867926921239707845639837707 14112.0/15

- sign -398.805+/-0.000 χ^2/NDF: 27587676580489 4

Left In: -499.323+/-0.000 χ^2/NDF:10187894616066444101072217184655 11424.0/10

dit_4aX_coil1_err_mean vs Slug

Right In: 5.270+/-0.000 χ^2/NDF: 8709683292123798330550906790084608.0/14

Left Out: 7.291+/-0.000 χ^2/NDF:671805351517286388583643235116646 4.0/11

Right Out: 4.732+/-0.000 χ^2/NDF: 685689307257521156280228142645248 0.0/15

Left In: 7.475+/-0.000 χ^2/NDF:705781213939957953887024455037747 2.0/10

+ sign 6.452+/-0.000 χ^2/NDF: 1697855997373560 0

All: 6.388+/-0.000 χ^2/NDF: 3382091542103 2

- sign 6.325+/-0.000 χ^2/NDF: 1682963630535428 1

dit_4aX_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_4eX_coil1_mean vs Slug

Right In: -285.187+/-0.000 χ^2/NDF: 447958526285354983809252192129174732 8.0/14

Left Out: -466.012+/-0.000 χ^2/NDF:5190970068830574132794472761412026368.0/11

Right Out: -256.599+/-0.000 χ^2/NDF: 364827153597103916595260256319176704 0.0/15

Left In: -493.780+/-0.000 χ^2/NDF:1451794731277142230901460532226686976.0/10

+ sign -390.928+/-0.000 χ^2/NDF: 22079891664929

All: -392.652+/-0.000 χ^2/NDF: 4898061305 9

- sign -394.346+/-0.000 χ^2/NDF: 26891512652234 9

dit_4eX_coil1_err_mean vs Slug

Right In: 4.959+/-0.000 χ^2/NDF: 1046546705714337181737168164146380 8.0/14

Left Out: 6.828+/-0.000 χ^2/NDF:5374095498583312473439971131260928.0/11

Right Out: 4.429+/-0.000 χ^2/NDF: 8371440400334524571131796772618240.0/15

Left In: 6.978+/-0.000 χ^2/NDF:5622697014277754941158413236699136.0/10

+ sign 6.052+/-0.000 χ^2/NDF: 17165819902724187

All: 5.980+/-0.000 χ^2/NDF: 3369237121731 7

- sign 5.909+/-0.000 χ^2/NDF: 16510437517508147

dit_4eX_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_11X12X_coil1_mean vs Slug

Right In: -210.261+/-0.000 χ^2/NDF: 5677110765680684091924677004948930 56.0/14

+ sign -215.798+/-0.000 χ^2/NDF: 12928194150556

Left Out: -219.729+/-0.000 χ^2/NDF:691090878567021644145539364306288640.0/11

All: -216.509+/-0.000 χ^2/NDF: 2868258790 5

Right Out: -196.736+/-0.000 χ^2/NDF: 9095888950930448406336405147903590 40.0/15

- sign -217.208+/-0.000 χ^2/NDF: 15738723291882 8

Left In: -231.985+/-0.000 χ^2/NDF:18299202728040146313906510529088716 8.0/10

dit_11X12X_coil1_err_mean vs Slug

Right In: 6.842+/-0.000 χ^2/NDF: 9355934166823324467316647620771840.0/14

Left Out: 11.263+/-0.000 χ^2/NDF:16950484304495826735526537389408256.0/11

Right Out: 5.701+/-0.000 χ^2/NDF: 3174693398300953393137731791486976.0/15

Left In: 11.061+/-0.000 χ^2/NDF:4417559387784954400311933713514496.0/10

+ sign 9.427+/-0.000 χ^2/NDF: 3372642652062640

All: 9.118+/-0.000 χ^2/NDF: 5274298923072

- sign 8.814+/-0.000 χ^2/NDF: 1871995538454847

dit_11X12X_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_4aY_coil1_mean vs Slug

Right In: 2.171+/-0.000 χ^2/NDF: 35998192469099756784104996916428 80.0/14

Left Out: 3.848+/-0.000 χ^2/NDF:503959945758893675940636016613785 6.0/11

Right Out: 2.148+/-0.000 χ^2/NDF: 309388733623937895960632193187840 0.0/15

Left In: 3.559+/-0.000 χ^2/NDF:649266734510996254065216575871385 6.0/10

+ sign 3.152+/-0.000 χ^2/NDF: 9706740430384465 2

All: 3.059+/-0.000 χ^2/NDF: 2009161690014 0

- sign 2.967+/-0.000 χ^2/NDF: 1035792346167818 0

dit_4aY_coil1_err_mean vs Slug

Right In: 1.691+/-0.000 χ^2/NDF: 61216339331760985967407941235507 2.0/14

Left Out: 1.847+/-0.000 χ^2/NDF:84162850183102511254837045231616.0/11

Right Out: 1.462+/-0.000 χ^2/NDF: 44438451166251904002237175483596 8.0/15

Left In: 1.879+/-0.000 χ^2/NDF:90968052268112309617342982127616.0/10

+ sign 1.782+/-0.000 χ^2/NDF: 7056481563225870 1

All: 1.743+/-0.000 χ^2/NDF: 1313220914474 7

- sign 1.704+/-0.000 χ^2/NDF: 6027735190939702 5

dit_4aY_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_4eY_coil1_mean vs Slug

Right In: 3.181+/-0.000 χ^2/NDF: 583330322786825261770456639419187 2.0/14

+ sign 3.589+/-0.000 χ^2/NDF: 8481178719406326 3

Left Out: 3.878+/-0.000 χ^2/NDF:246358464028915850445921989741772 8.0/11

All: 3.682+/-0.000 χ^2/NDF: 2115006474861 8

Right Out: 3.032+/-0.000 χ^2/NDF: 493720983137179394549654683333427 2.0/15

- sign 3.773+/-0.000 χ^2/NDF: 1264203955766305 5

Left In: 4.308+/-0.000 χ^2/NDF:707349566769428035180316810700390 4.0/10

dit_4eY_coil1_err_mean vs Slug

Right In: 1.607+/-0.000 χ^2/NDF: 46094962864014818418120573583360 0.0/14

Left Out: 1.889+/-0.000 χ^2/NDF:9409732606406618817758724148428 8.0/11

Right Out: 1.383+/-0.000 χ^2/NDF: 3583488970162862009576503377920 00.0/15

Left In: 1.916+/-0.000 χ^2/NDF:952765158090162098756996919459 84.0/10

+ sign 1.772+/-0.000 χ^2/NDF: 5852917526076302 2

All: 1.732+/-0.000 χ^2/NDF: 1153974995120 4

- sign 1.693+/-0.000 χ^2/NDF: 5637459610946310 5

dit_4eY_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_usl_coil1_mean vs Slug

Right In: 17988.185+/-0.000 χ^2/NDF: 2481511180998421710354400123755295250841 6.0/14

Left Out: 30938.190+/-0.000 χ^2/NDF:2223120169525786977327536910002239517491 2.0/10

Right Out: 15915.227+/-0.000 χ^2/NDF: 1995418967470595270704228741608722399232 0.0/15

Left In: 32448.675+/-0.000 χ^2/NDF:6566176061380629796456552080625585094656.0/10

+ sign 25320.173+/-0.000 χ^2/NDF: 1086683983858

All: 25421.772+/-0.000 χ^2/NDF: 2411086165

- sign 25517.305+/-0.000 χ^2/NDF: 1324102555101

dit_usl_coil1_err_mean vs Slug

Right In: 369.169+/-0.000 χ^2/NDF: 4805303678956548599419583334137095782 4.0/14

Left Out: 686.240+/-0.000 χ^2/NDF:3441723616784298376615921256251365785 6.0/10

Right Out: 370.091+/-0.000 χ^2/NDF: 4821446290705210754303703712531690291 2.0/15

Left In: 732.414+/-0.000 χ^2/NDF:3994210584052911573656959695026388992 0.0/10

+ sign 548.687+/-0.000 χ^2/NDF: 119411567412423

All: 565.091+/-0.000 χ^2/NDF: 25920240108 2

- sign 580.516+/-0.000 χ^2/NDF: 139009735968020

dit_usl_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1208.342+/-0.000 χ^2/NDF:319202709490654562159551156367015280 64.0/10

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: 1239.553+/-0.000 χ^2/NDF:291161803304255052425940307043900456 96.0/10

+ sign 1138.127+/-0.000 χ^2/NDF: 6641265069081 5

All: 1140.682+/-0.000 χ^2/NDF: 1606617172 9

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_usr_coil1_mean vs Slug

Right In: -18100.637+/-0.000 χ^2/NDF: 1463496754617358696763204076542869949644 8.0/14

Left Out: -27085.326+/-0.000 χ^2/NDF:1691367179083000245172471305621049285017 6.0/11

Right Out: -16773.604+/-0.000 χ^2/NDF: 1423454793113581227747434288656836617830 4.0/15

Left In: -28650.410+/-0.000 χ^2/NDF:4838827535981080826725947474344765554688.0/10

+ sign -23354.640+/-0.000 χ^2/NDF: 621850607090

All: -23514.355+/-0.000 χ^2/NDF: 135979518

- sign -23671.259+/-0.000 χ^2/NDF: 7371541854107

dit_usr_coil1_err_mean vs Slug

Right In: 540.663+/-0.000 χ^2/NDF: 64546819695986774721678785082975846400.0/14

Left Out: 714.147+/-0.000 χ^2/NDF:4316097547863146024857574592815615180 8.0/11

Right Out: 477.546+/-0.000 χ^2/NDF: 3879830650429695446153711680976060416 0.0/15

Left In: 712.092+/-0.000 χ^2/NDF:3409204592050328493642785510146021785 6.0/10

+ sign 642.112+/-0.000 χ^2/NDF: 1191300778027 78

All: 627.811+/-0.000 χ^2/NDF: 2139641066 83

- sign 613.763+/-0.000 χ^2/NDF: 942003984332138

dit_usr_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_atl1_coil1_mean vs Slug

Right In: -10710.292+/-0.000 χ^2/NDF: 169452261520535118404826184022501705646 08.0/14

+ sign -12461.801+/-0.000 χ^2/NDF: 158576463536

Left Out: -13705.488+/-0.000 χ^2/NDF:138226511026527050662319693841079709204480.0/11

All: -13800.033+/-0.000 χ^2/NDF: 200733129

Right Out: -10866.264+/-0.000 χ^2/NDF: 142347628388583824845259016441316266475 52.0/15

- sign -15114.713+/-0.000 χ^2/NDF: 366076884081

Left In: -18181.504+/-0.000 χ^2/NDF:164361718357264786881891428916283834368 0.0/10

dit_atl1_coil1_err_mean vs Slug

Right In: 687.939+/-0.000 χ^2/NDF: 40929714110430150981775339075902478745 6.0/14

+ sign 696.059+/-0.000 χ^2/NDF: 43838207845777 4

Left Out: 701.825+/-0.000 χ^2/NDF:290117524522646242642824485730988851 20.0/11

All: 787.665+/-0.000 χ^2/NDF: 2434168948 39

Right Out: 1092.265+/-0.000 χ^2/NDF: 188319814292960581345623381294694845 6448.0/15

- sign 877.659+/-0.000 χ^2/NDF: 19697853901896 5

Left In: 722.743+/-0.000 χ^2/NDF:33693137116513948077860330410535288832.0/10

dit_atl1_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

dit_atl2_coil1_mean vs Slug

Right In: 29415.830+/-0.000 χ^2/NDF: 7176498963892808290677497975389480917401 6.0/14

+ sign 39992.082+/-0.000 χ^2/NDF: 2394993878358

Left Out: 47501.916+/-0.000 χ^2/NDF:4359171533493380164556519983676176675635 2.0/11

All: 39740.450+/-0.000 χ^2/NDF: 5413093002

Right Out: 24963.010+/-0.000 χ^2/NDF: 4563157292012217197283596168549431561420 8.0/15

- sign 39493.245+/-0.000 χ^2/NDF: 3016137188389

Left In: 49982.063+/-0.000 χ^2/NDF:1350582101930560384612112134471797021081 6.0/10

dit_atl2_coil1_err_mean vs Slug

Right In: 1629.542+/-0.000 χ^2/NDF: 5517385553550289021946978964371522191 36.0/14

Left Out: 3418.927+/-0.000 χ^2/NDF:1575515144069936231955966928879934767104.0/11

Right Out: 1510.293+/-0.000 χ^2/NDF: 6882319040468162113217745246197456568 32.0/15

Left In: 3623.095+/-0.000 χ^2/NDF:5377144503712695097191414112928409845 76.0/10

+ sign 2675.926+/-0.000 χ^2/NDF: 3342430084804 2

All: 2706.904+/-0.000 χ^2/NDF: 6300549156 5

- sign 2737.338+/-0.000 χ^2/NDF: 2955145483288 7

dit_atl2_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

dit_atr1_coil1_mean vs Slug

Right In: 15540.787+/-0.000 χ^2/NDF: 2738363588652360183237779538350971446886 4.0/14

+ sign 22498.900+/-0.000 χ^2/NDF: 953635786596 4

Left Out: 27439.616+/-0.000 χ^2/NDF:1424702590887172581335108866881892646912 0.0/11

All: 22561.315+/-0.000 χ^2/NDF: 2024381611

Right Out: 13951.799+/-0.000 χ^2/NDF: 1695407103573958466461281343074810095206 4.0/15

- sign 22622.631+/-0.000 χ^2/NDF: 1070625118466

Left In: 28881.771+/-0.000 χ^2/NDF:3761764043421234560623243625754374701056.0/10

dit_atr1_coil1_err_mean vs Slug

Right In: 605.034+/-0.000 χ^2/NDF: 1894015227916076144486001577233628528 64.0/14
+ sign 686.873+/-0.000 χ^2/NDF: 216406275122554
Left Out: 744.985+/-0.000 χ^2/NDF:195714539842789617199362478705444126 72.0/11
All: 730.430+/-0.000 χ^2/NDF: 127166116576
Right Out: 749.582+/-0.000 χ^2/NDF: 102135876837749593569374877980434418 8928.0/15
- sign 773.220+/-0.000 χ^2/NDF: 104937647672496
Left In: 790.283+/-0.000 χ^2/NDF:273759951630115601013491669494378004 48.0/10

dit_atr1_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_atr2_coil1_mean vs Slug

Right In: -21743.360+/-0.000 χ^2/NDF: 411068588235795273251986756753987930685 44.0/14
+ sign -30788.276+/-0.000 χ^2/NDF: 168137649264
Left Out: -37210.761+/-0.000 χ^2/NDF:362348135681012665019208459049455205744 64.0/11
All: -31059.001+/-0.000 χ^2/NDF: 345412130
Right Out: -20275.415+/-0.000 χ^2/NDF: 259358691320929202316815324176273207459 84.0/15
- sign -31324.961+/-0.000 χ^2/NDF: 177047387117 6
Left In: -39301.203+/-0.000 χ^2/NDF:108905571958284806558508731561164522127 36.0/10

dit_atr2_coil1_err_mean vs Slug

Right In: 2046.354+/-0.000 χ^2/NDF: 266555515927348892036833058355226345472.0/14

+ sign 2749.812+/-0.000 χ^2/NDF: 20064864272112

Left Out: 3249.314+/-0.000 χ^2/NDF:1190726211956001849078073092083852247040.0/11

All: 2818.755+/-0.000 χ^2/NDF: 7140152506

Right Out: 2391.939+/-0.000 χ^2/NDF: 4415294964789778815259357544579499819008.0/15

- sign 2886.485+/-0.000 χ^2/NDF: 51189384320628

Left In: 3243.479+/-0.000 χ^2/NDF:4227523458095644148759411154532308090 88.0/10

dit_atr2_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

dit_sam1_coil1_mean vs Slug

Right In: 2881.935+/-0.000 χ^2/NDF: 1320319391496525533692082365878834823168.0/14

Left Out: 5919.511+/-0.000 χ^2/NDF:2779072700024845827027981240176985767936.0/11

Right Out: 2656.918+/-0.000 χ^2/NDF: 1077696846216053561130716877125509447680.0/15

Left In: 6528.681+/-0.000 χ^2/NDF:9406198322905476612046415286949243781 12.0/10

+ sign 4658.227+/-0.000 χ^2/NDF: 7601149842913 6

All: 4782.966+/-0.000 χ^2/NDF: 1547458955 5

- sign 4905.510+/-0.000 χ^2/NDF: 7825227654718 7

dit_sam1_coil1_err_mean vs Slug

Right In: 138.577+/-0.000 χ^2/NDF: 4242369889979811373883774021335515136.0/14

+ sign 127.294+/-0.000 χ^2/NDF: 487151185585046

Left Out: 119.282+/-0.000 χ^2/NDF:4878457793952178791538152939852922 88.0/11

All: 131.289+/-0.000 χ^2/NDF: 95675897587 3

Right Out: 135.809+/-0.000 χ^2/NDF: 39564017418625242632431608681736 43776.0/15

- sign 135.214+/-0.000 χ^2/NDF: 464661599123883

Left In: 134.785+/-0.000 χ^2/NDF:6898086026323155390298606853926420 48.0/10

dit_sam1_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_sam2_coil1_mean vs Slug

Right In: 69827.797+/-0.000 χ^2/NDF: 1878032821164931311976840605412889261506 56.0/14

Left Out: 92210.698+/-0.000 χ^2/NDF:2265774766578075852020837676853602895790 08.0/11

Right Out: 65555.147+/-0.000 χ^2/NDF: 2120014678113867509106257831959997416734 72.0/15

Left In: 95749.411+/-0.000 χ^2/NDF:1023767618815302714273402847386938260848 64.0/10

+ sign 82916.711+/-0.000 χ^2/NDF: 6045168976255

All: 83004.616+/-0.000 χ^2/NDF: 1272083143

- sign 83090.974+/-0.000 χ^2/NDF: 6675423024903

dit_sam2_coil1_err_mean vs Slug

Right In: 1330.956+/-0.000 χ^2/NDF: 6494812638426816594494091470595728343 04.0/14
+ sign 1331.958+/-0.000 χ^2/NDF: 7669711709446 3
Left Out: 1332.669+/-0.000 χ^2/NDF:1174887932511659998504172068952730501 12.0/11
All: 1318.066+/-0.000 χ^2/NDF: 1516733584 6
Right Out: 1254.871+/-0.000 χ^2/NDF: 6321400689833040628098177168008617 65632.0/15
- sign 1304.419+/-0.000 χ^2/NDF: 7491644636116 1
Left Out: 1340.185+/-0.000 χ^2/NDF:1142049111682012770238307673664777 09312.0/10

dit_sam2_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_sam3_coil1_mean vs Slug

Right In: 34919.716+/-0.000 χ^2/NDF: 1063873854407186221551225418487299970170 88.0/14

Left Out: 51246.568+/-0.000 χ^2/NDF:8616854061410244506204695466860253439590 4.0/11

Right Out: 30282.373+/-0.000 χ^2/NDF: 8834616526659312662759895169350607306752 0.0/15

Left In: 51985.374+/-0.000 χ^2/NDF:6717258757951886337950413211629467677491 2.0/10

+ sign 44467.216+/-0.000 χ^2/NDF: 2937224586407

All: 43669.971+/-0.000 χ^2/NDF: 6336704207

- sign 42886.756+/-0.000 χ^2/NDF: 3379785593938

dit_sam3_coil1_err_mean vs Slug

Right In: 663.574+/-0.000 χ^2/NDF: 1576918128727208228869149665973124464 64.0/14
+ sign 775.881+/-0.000 χ^2/NDF: 286585359117303
Left Out: 855.627+/-0.000 χ^2/NDF:1148952267466286891447216964464636067 84.0/11
All: 751.182+/-0.000 χ^2/NDF: 54677004059 5
Right Out: 601.216+/-0.000 χ^2/NDF: 1497178843318893323399953343508318781 44.0/15
- sign 726.918+/-0.000 χ^2/NDF: 258294460548114
Left Out: 817.657+/-0.000 χ^2/NDF:904295487237156633268052990768111943 68.0/10

dit_sam3_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_sam4_coil1_mean vs Slug

Right In: 53422.452+/-0.000 χ^2/NDF: 3606357573151338001337511231677773465518 08.0/14

+ sign 73304.445+/-0.000 χ^2/NDF: 9753549747664

Left Out: 87421.965+/-0.000 χ^2/NDF:1760094479339731722987658082695880743321 60.0/11

All: 72430.299+/-0.000 χ^2/NDF: 2150195804

Right Out: 45247.617+/-0.000 χ^2/NDF: 2860601964880344302157846133740555479285 76.0/15

- sign 71571.537+/-0.000 χ^2/NDF: 1172473175377

Left In: 90573.760+/-0.000 χ^2/NDF:9057408139435422159394926231240668558131 2.0/10

dit_sam4_coil1_err_mean vs Slug

Right In: 949.197+/-0.000 χ^2/NDF: 2256910321831537327333080940676581949 44.0/14

+ sign 1256.670+/-0.000 χ^2/NDF: 7383903586921 0

Left Out: 1474.996+/-0.000 χ^2/NDF:4077762791412540626360785088537386024 96.0/11

All: 1216.192+/-0.000 χ^2/NDF: 1403124317 1

Right Out: 849.827+/-0.000 χ^2/NDF: 2046222242615772477022273127451973386 24.0/15

- sign 1176.426+/-0.000 χ^2/NDF: 6596572092346 2

Left In: 1412.186+/-0.000 χ^2/NDF:3325293909348971181578759726617560350 72.0/10

dit_sam4_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_sam5_coil1_mean vs Slug

Right In: 254.578+/-0.000 χ^2/NDF: 9784021135310066407415692239672495308 80.0/14
+ sign -1622.879+/-0.000 χ^2/NDF: 8598208756687
Left Out: -2955.997+/-0.000 χ^2/NDF:3707818280907677847342876591435129290752.0/11
All: -1582.115+/-0.000 χ^2/NDF: 1820300419
Right Out: 352.308+/-0.000 χ^2/NDF: 1100813647101508513447529068154010468352.0/15
- sign -1542.068+/-0.000 χ^2/NDF: 9599646635049 9
Left In: -2909.545+/-0.000 χ^2/NDF:4377323512278558404902073126276443406336.0/10

dit_sam5_coil1_err_mean vs Slug

Right In: 196.955+/-0.000 χ^2/NDF: 448524516032965791462137242583878860 8.0/14

Left Out: 300.154+/-0.000 χ^2/NDF:387302142868535294113705344869020467 2.0/11

Right Out: 169.778+/-0.000 χ^2/NDF: 389260944549484578449355864638541004 8.0/15

Left In: 313.228+/-0.000 χ^2/NDF:307906170184356071477452976814240563 2.0/10

+ sign 257.303+/-0.000 χ^2/NDF: 1240007740198 19

All: 255.177+/-0.000 χ^2/NDF: 2735697932 25

- sign 253.089+/-0.000 χ^2/NDF: 1494290075336 01

dit_sam5_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_sam6_coil1_mean vs Slug

Right In: -12479.653+/-0.000 χ^2/NDF: 411786332312538053173533339734752719011 84.0/14

+ sign -23366.201+/-0.000 χ^2/NDF: 194472008437

Left Out: -31096.364+/-0.000 χ^2/NDF:217594309706731792738919903137593682821 12.0/11

All: -23588.925+/-0.000 χ^2/NDF: 448707023

Right Out: -10238.098+/-0.000 χ^2/NDF: 312278611261595340319615019232237180682 24.0/15

- sign -23807.730+/-0.000 χ^2/NDF: 254081310517 5

Left In: -33603.125+/-0.000 χ^2/NDF:113778777412803779880766320697469430661 12.0/10

dit_sam6_coil1_err_mean vs Slug

Right In: 245.832+/-0.000 χ^2/NDF: 7828269009300013139414476154059358208.0/14

Left Out: 502.365+/-0.000 χ^2/NDF:1519156609286494211376362666392236851 2.0/11

Right Out: 209.844+/-0.000 χ^2/NDF: 3128489258838765241921217786024034304.0/15

Left In: 536.975+/-0.000 χ^2/NDF:2080302248640081095695836771955559628 8.0/10

+ sign 395.846+/-0.000 χ^2/NDF: 479955291741577

All: 397.856+/-0.000 χ^2/NDF: 11339404452

- sign 399.831+/-0.000 χ^2/NDF: 653859962401754

dit_sam6_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_sam7_coil1_mean vs Slug

Right In: 11542.759+/-0.000 χ^2/NDF: 1423354312323856635722676621901468742451 2.0/14

+ sign 16453.470+/-0.000 χ^2/NDF: 5606673689556

Left Out: 19940.398+/-0.000 χ^2/NDF:1506948674334586650686865800840029300326 4.0/11

All: 16388.663+/-0.000 χ^2/NDF: 1169361701

Right Out: 10339.969+/-0.000 χ^2/NDF: 1126083386340675164592342006298241820262 4.0/15

- sign 16324.997+/-0.000 χ^2/NDF: 6085641974902

Left In: 20645.358+/-0.000 χ^2/NDF:8456327376882782804888899010558833983488.0/10

dit_sam7_coil1_err_mean vs Slug

Right In: 198.850+/-0.000 χ^2/NDF: 1833399510950343803707591694444029542 4.0/14

Left Out: 277.638+/-0.000 χ^2/NDF:8038613705890486227984688847014330368.0/11

Right Out: 184.328+/-0.000 χ^2/NDF: 1492743493139558860102496153837240320 0.0/15

Left In: 271.291+/-0.000 χ^2/NDF:7112445981030520145066814103974051840.0/10

+ sign 244.923+/-0.000 χ^2/NDF: 28728439795092 7

All: 239.833+/-0.000 χ^2/NDF: 5377808377 00

- sign 234.833+/-0.000 χ^2/NDF: 24969382199818 6

dit_sam7_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_sam8_coil1_mean vs Slug

Right In: 8567.784+/-0.000 χ^2/NDF: 1110604887897250136642905567964570845184 0.0/14

+ sign 12296.165+/-0.000 χ^2/NDF: 3443417214700

Left Out: 14943.560+/-0.000 χ^2/NDF:7900539606524387386359998406585036570624.0/11

All: 12272.324+/-0.000 χ^2/NDF: 7778802513

Right Out: 7069.884+/-0.000 χ^2/NDF: 1007686236350265211137821053966438786 6624.0/15

- sign 12248.903+/-0.000 χ^2/NDF: 4335209183534

Left In: 15987.436+/-0.000 χ^2/NDF:2470393428254815728629083332629999124480.0/10

dit_sam8_coil1_err_mean vs Slug

Right In: 130.021+/-0.000 χ^2/NDF: 3115259987552341725946418665378283520.0/14

Left Out: 224.458+/-0.000 χ^2/NDF:7870394140048491055430374232164401152.0/11

Right Out: 126.709+/-0.000 χ^2/NDF: 5397122581297664561308621600668516352.0/15

Left In: 219.787+/-0.000 χ^2/NDF:7418609629454172879787970620999860224.0/10

+ sign 185.245+/-0.000 χ^2/NDF: 143703436446713

All: 182.985+/-0.000 χ^2/NDF: 30557896618

- sign 180.765+/-0.000 χ^2/NDF: 161717315752514

dit_sam8_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

dit_4aX_coil3_mean vs Slug

Right In: -36.540+/-0.000 χ^2/NDF: 2543518678614446092026376338643353 60.0/14

Left Out: -85.570+/-0.000 χ^2/NDF:1435577762575479908655916407324672 00.0/11

Right Out: -31.085+/-0.000 χ^2/NDF: 1812910791193816361784084988763832 32.0/15

Left In: -90.618+/-0.000 χ^2/NDF:3308983308362640811729795549862297 6.0/10

+ sign -65.212+/-0.000 χ^2/NDF: 131026728865009

All: -65.438+/-0.000 χ^2/NDF: 289770508585

- sign -65.660+/-0.000 χ^2/NDF: 1587279434769043

dit_4aX_coil3_err_mean vs Slug

Right In: 2.867+/-0.000 χ^2/NDF: 3455499087584693564208174061322240.0/14

Left Out: 2.192+/-0.000 χ^2/NDF:7604390678914156108458001589862 4.0/11

Right Out: 2.821+/-0.000 χ^2/NDF: 3052948718107902490497172912472064.0/15

Left In: 2.317+/-0.000 χ^2/NDF:1143725647250798890990132852162 56.0/10

+ sign 2.472+/-0.000 χ^2/NDF: 3704648684810753 4

All: 2.501+/-0.000 χ^2/NDF: 6972966397361 3

- sign 2.528+/-0.000 χ^2/NDF: 3265884582788506 2

dit_4aX_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_4eX_coil3_mean vs Slug

Right In: -43.289+/-0.000 χ^2/NDF: 199342736778845281087197523996573696.0/14

Left Out: -89.439+/-0.000 χ^2/NDF:1811199629856908411387884279724769 28.0/11

Right Out: -37.832+/-0.000 χ^2/NDF: 1486839339772049366346368438973235 20.0/15

Left In: -94.799+/-0.000 χ^2/NDF:4907705003261100698215696807493632 0.0/10

+ sign -70.276+/-0.000 χ^2/NDF: 118874483717720

All: -70.599+/-0.000 χ^2/NDF: 264393332090

- sign -70.917+/-0.000 χ^2/NDF: 1454865139874700

dit_4eX_coil3_err_mean vs Slug

Right In: 2.832+/-0.000 χ^2/NDF: 39576725319290173285125643231559 68.0/14

+ sign 2.458+/-0.000 χ^2/NDF: 41727539916182850

Left Out: 2.192+/-0.000 χ^2/NDF:5960155924741500894781652546355 2.0/11

All: 2.487+/-0.000 χ^2/NDF: 7922695447655 6

Right Out: 2.784+/-0.000 χ^2/NDF: 35895449561081168980912368978493 44.0/15

- sign 2.515+/-0.000 χ^2/NDF: 37473289103826657

Left In: 2.321+/-0.000 χ^2/NDF:7461912322461632454440450523136 0.0/10

dit_4eX_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_11X12X_coil3_mean vs Slug

Right In: -72.949+/-0.000 χ^2/NDF: 657554284648579803068791262910873 60.0/14

Left Out: -78.317+/-0.000 χ^2/NDF:868589325876711885940874151607664 64.0/11

Right Out: -68.324+/-0.000 χ^2/NDF: 1066943448982023644833671313725849 60.0/15

Left In: -82.954+/-0.000 χ^2/NDF:204191577748772978492053031705640 96.0/10

+ sign -76.088+/-0.000 χ^2/NDF: 163548804335171

All: -76.457+/-0.000 χ^2/NDF: 374001309343

- sign -76.820+/-0.000 χ^2/NDF: 210029328717765 7

dit_11X12X_coil3_err_mean vs Slug

Right In: 3.793+/-0.000 χ^2/NDF: 32053892427261296197962908104130 56.0/14

Left Out: 2.830+/-0.000 χ^2/NDF:4927490260288389079478296211619 84.0/11

Right Out: 3.783+/-0.000 χ^2/NDF: 2878586622192676654452338755371008.0/15

Left In: 2.757+/-0.000 χ^2/NDF:1917207465477323062260540427468 80.0/10

+ sign 3.230+/-0.000 χ^2/NDF: 4049963498640373 1

All: 3.208+/-0.000 χ^2/NDF: 7529870581400 8

- sign 3.187+/-0.000 χ^2/NDF: 3478464708331367 3

dit_11X12X_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

dit_4aY_coil3_mean vs Slug

Right In: 4.025+/-0.000 χ^2/NDF: 769001650442321928129473832550400.0/14

+ sign 4.075+/-0.000 χ^2/NDF: 13044380384615704

Left Out: 4.111+/-0.000 χ^2/NDF:532620096510613693690902891986944.0/11

All: 4.029+/-0.000 χ^2/NDF: 2560414246886

Right Out: 3.819+/-0.000 χ^2/NDF: 888232240226434329114859171479552.0/15

- sign 3.983+/-0.000 χ^2/NDF: 12492685976346881

Left In: 4.102+/-0.000 χ^2/NDF:329978343606173709019066465779712.0/10

dit_4aY_coil3_err_mean vs Slug

Right In: 0.839+/-0.000 χ^2/NDF: 2584160253346156615211630838415 36.0/14

Left Out: 0.387+/-0.000 χ^2/NDF:7656532010606705303389852401664.0/11

Right Out: 0.844+/-0.000 χ^2/NDF: 2529175093934327602406489189253 12.0/15

Left In: 0.374+/-0.000 χ^2/NDF:2408191855928929204652403064832.0/10

+ sign 0.574+/-0.000 χ^2/NDF: 3436129971052193 9

All: 0.573+/-0.000 χ^2/NDF: 6843499060382 9

- sign 0.571+/-0.000 χ^2/NDF: 3407270582825896 1

dit_4aY_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_4eY_coil3_mean vs Slug

Right In: 4.275+/-0.000 χ^2/NDF: 5971887078981988517924154355220 48.0/14

+ sign 4.132+/-0.000 χ^2/NDF: 1220685145713443 6

Left Out: 4.030+/-0.000 χ^2/NDF:600797720921367466879695481470976.0/11

All: 4.200+/-0.000 χ^2/NDF: 2412675813766 7

Right Out: 4.039+/-0.000 χ^2/NDF: 7723688481944643249731087651307 52.0/15

- sign 4.267+/-0.000 χ^2/NDF: 1177531921685944 1

Left In: 4.432+/-0.000 χ^2/NDF:3456027031912457705542103638999 04.0/10

dit_4eY_coil3_err_mean vs Slug

Right In: 0.793+/-0.000 χ^2/NDF: 1955087771735894834403147000053 76.0/14

Left Out: 0.385+/-0.000 χ^2/NDF:5547784180240414411423653822464.0/11

Right Out: 0.778+/-0.000 χ^2/NDF: 1858146357721833060639036900638 72.0/15

Left In: 0.383+/-0.000 χ^2/NDF:2618375268437967875049691021312.0/10

+ sign 0.555+/-0.000 χ^2/NDF: 2643049426834441 4

All: 0.552+/-0.000 χ^2/NDF: 5132404474618 2

- sign 0.549+/-0.000 χ^2/NDF: 2489112067555135 9

dit_4eY_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_usl_coil3_mean vs Slug

Right In: 3155.434+/-0.000 χ^2/NDF: 9035505347736229021109182140336129966 08.0/14
+ sign 4904.094+/-0.000 χ^2/NDF: 5219905519313 5
Left Out: 6243.976+/-0.000 χ^2/NDF:8112307861683783027801391656887113482 24.0/10
All: 4954.171+/-0.000 χ^2/NDF: 1173127883 1
Right Out: 2792.245+/-0.000 χ^2/NDF: 6746357493241730019732644275309867 17184.0/15
- sign 5001.259+/-0.000 χ^2/NDF: 65040940380317
Left Out: 6595.861+/-0.000 χ^2/NDF:2251648057154003686710438267458640 93696.0/10

dit_usl_coil3_err_mean vs Slug

Right In: 213.739+/-0.000 χ^2/NDF: 197181381090540021143611498605072875 52.0/14

Left Out: 185.948+/-0.000 χ^2/NDF:105770660759576758358797484664081612 8.0/10

Right Out: 234.712+/-0.000 χ^2/NDF: 240131341071672148951890504810674257 92.0/15

Left In: 193.543+/-0.000 χ^2/NDF:598931150644293332680217057881489408.0/10

+ sign 198.004+/-0.000 χ^2/NDF: 21059649970199 0

All: 204.600+/-0.000 χ^2/NDF: 46454573785 3

- sign 210.803+/-0.000 χ^2/NDF: 252686308073901

dit_usl_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1186.635+/-0.000 χ^2/NDF:381272901824193730906366146032361799 68.0/10

Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Left In: 1277.097+/-0.000 χ^2/NDF:295787299016026479980738189360973742 08.0/10

+ sign 1150.834+/-0.000 χ^2/NDF: 7336754837783

All: 1157.745+/-0.000 χ^2/NDF: 2002333714

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930

dit_usr_coil3_mean vs Slug

Right In: -3034.527+/-0.000 χ^2/NDF: 6306945533534638685473351750909197025 28.0/14
+ sign -4386.382+/-0.000 χ^2/NDF: 3254755460990
Left Out: -5346.287+/-0.000 χ^2/NDF:5958304557748005533830020957823377080 32.0/11
All: -4405.811+/-0.000 χ^2/NDF: 7243621292
Right Out: -2731.035+/-0.000 χ^2/NDF: 5282908477035679915556946292392119500 80.0/15
- sign -4424.898+/-0.000 χ^2/NDF: 39876961959136
Left In: -5647.632+/-0.000 χ^2/NDF:1642143129080356452151263569354917150 72.0/10

dit_usr_coil3_err_mean vs Slug

Right In: 273.039+/-0.000 χ^2/NDF: 2648593505334117509291379521218412544 0.0/14

Left Out: 171.517+/-0.000 χ^2/NDF:116220444612441845226576344420607590 4.0/11

Right Out: 275.044+/-0.000 χ^2/NDF: 222647600887529017925618929916570501 12.0/15

Left In: 175.100+/-0.000 χ^2/NDF:532319905760316522814470909096624128.0/10

+ sign 213.672+/-0.000 χ^2/NDF: 31559661573159 6

All: 215.351+/-0.000 χ^2/NDF: 5823479178 10

- sign 217.000+/-0.000 χ^2/NDF: 266663969074785

dit_usr_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_atl1_coil3_mean vs Slug

Right In: -1564.595+/-0.000 χ^2/NDF: 4838748009785710425789757570290391449 60.0/14
+ sign -2119.303+/-0.000 χ^2/NDF: 6256498974115
Left Out: -2513.182+/-0.000 χ^2/NDF:5431127813565364988673729418683400323072.0/11
All: -2367.087+/-0.000 χ^2/NDF: 8100740550
Right Out: -1578.178+/-0.000 χ^2/NDF: 3684505725562175640719632035810985902 08.0/15
- sign -2610.511+/-0.000 χ^2/NDF: 1654003244515 9
Left In: -3355.712+/-0.000 χ^2/NDF:6160312843004433398099012587709320396 8.0/10

dit_atl1_coil3_err_mean vs Slug

Right In: 358.080+/-0.000 χ^2/NDF: 1579227891456978581656444520902028165 12.0/14

+ sign 235.441+/-0.000 χ^2/NDF: 17570532501070 5

Left Out: 148.359+/-0.000 χ^2/NDF:1090286331733366082581256970807803904.0/11

All: 349.608+/-0.000 χ^2/NDF: 2507121059 72

Right Out: 893.897+/-0.000 χ^2/NDF: 2075920155774201043572695656797803905024.0/15

- sign 461.767+/-0.000 χ^2/NDF: 229102929368244

Left In: 149.829+/-0.000 χ^2/NDF:6457567181728928043846046350049280 00.0/10

dit_atl1_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_atl2_coil3_mean vs Slug

Right In: 5295.485+/-0.000 χ^2/NDF: 250564523296826327544404801609318321356 8.0/14

Left Out: 9916.420+/-0.000 χ^2/NDF:184071439275717483725448177147911654604 8.0/11

Right Out: 4575.270+/-0.000 χ^2/NDF: 186332209477040373909610080007271691059 2.0/15

Left In: 10594.095+/-0.000 χ^2/NDF:469955671378487676963254464485150162944.0/10

+ sign 7997.682+/-0.000 χ^2/NDF: 1245021204237 8

All: 8034.568+/-0.000 χ^2/NDF: 2882072003 4

- sign 8070.804+/-0.000 χ^2/NDF: 16366292406753

dit_atl2_coil3_err_mean vs Slug

Right In: 862.683+/-0.000 χ^2/NDF: 3376840008638193150264591065257596682 24.0/14

Left Out: 714.221+/-0.000 χ^2/NDF:6393682365708312414092225163706551500 8.0/11

Right Out: 856.059+/-0.000 χ^2/NDF: 3271952165464447671487162246882886942 72.0/15

Left In: 747.275+/-0.000 χ^2/NDF:1967884739572773009831064224203066572 8.0/10

+ sign 775.866+/-0.000 χ^2/NDF: 409985766107580

All: 784.449+/-0.000 χ^2/NDF: 7616721952 37

- sign 792.881+/-0.000 χ^2/NDF: 351458177247538

dit_atl2_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_atr1_coil3_mean vs Slug

Right In: 2201.844+/-0.000 χ^2/NDF: 1086544775216266395419904724422998622208.0/14

+ sign 3950.684+/-0.000 χ^2/NDF: 4951222150241

Left Out: 5192.476+/-0.000 χ^2/NDF:4703171184355329372001483465086247895 04.0/11

All: 3991.515+/-0.000 χ^2/NDF: 1040455023

Right Out: 2026.969+/-0.000 χ^2/NDF: 7086264566034107051245182999566451998 72.0/15

- sign 4031.627+/-0.000 χ^2/NDF: 5448162434536 3

Left In: 5478.713+/-0.000 χ^2/NDF:1241860547714240118738493468025836011 52.0/10

dit_atr1_coil3_err_mean vs Slug

Right In: 329.229+/-0.000 χ^2/NDF: 1032850290919227420338379034371324641 28.0/14

Left Out: 177.101+/-0.000 χ^2/NDF:604256347376555065664943941601984512.0/11

Right Out: 402.690+/-0.000 χ^2/NDF: 277636056793293374242116053515003494400.0/15

Left In: 183.411+/-0.000 χ^2/NDF:452789814018275751637875535657304064.0/10

+ sign 240.268+/-0.000 χ^2/NDF: 112672514913123

All: 257.960+/-0.000 χ^2/NDF: 41035727361

- sign 275.340+/-0.000 χ^2/NDF: 296714971855196

dit_atr1_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_atr2_coil3_mean vs Slug

Right In: -3183.928+/-0.000 χ^2/NDF: 2134923281384422537296044119642733543424.0/14
+ sign -5366.500+/-0.000 χ^2/NDF: 8538549854874
Left Out: -6916.269+/-0.000 χ^2/NDF:1116807093678978049721043579861444067328.0/11
All: -5383.560+/-0.000 χ^2/NDF: 1739572201
Right Out: -2843.597+/-0.000 χ^2/NDF: 9470776115637232447055310919440153968 64.0/15
- sign -5400.320+/-0.000 χ^2/NDF: 8856270344208
Left In: -7245.920+/-0.000 χ^2/NDF:4017604627839690987720109250073151406 08.0/10

dit_atr2_coil3_err_mean vs Slug

Right In: 1003.407+/-0.000 χ^2/NDF: 219815257294811198811064619822196195328.0/14
+ sign 797.669+/-0.000 χ^2/NDF: 312371598473089
Left Out: 651.582+/-0.000 χ^2/NDF:455794167001883893408997837934973419 52.0/11
All: 911.528+/-0.000 χ^2/NDF: 428810018271
Right Out: 1539.568+/-0.000 χ^2/NDF: 36147747852974822931453545741254372884 48.0/15
- sign 1023.383+/-0.000 χ^2/NDF: 39355602156889
Left In: 650.769+/-0.000 χ^2/NDF:147764657748587998469225358583943659 52.0/10

dit_atr2_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_sam1_coil3_mean vs Slug

Right In: 169.489+/-0.000 χ^2/NDF: 954358945852108910324266135674903592 96.0/14

Left Out: 993.680+/-0.000 χ^2/NDF:1038717440932718621362705275420378398 72.0/11

Right Out: 110.289+/-0.000 χ^2/NDF: 717707841020529385235927165084798812 16.0/15

Left In: 1110.204+/-0.000 χ^2/NDF:3407867167520710175869557534326416998 4.0/10

+ sign 651.454+/-0.000 χ^2/NDF: 457110601754155

All: 671.406+/-0.000 χ^2/NDF: 95149930692 5

- sign 691.006+/-0.000 χ^2/NDF: 493155274089920

dit_sam1_coil3_err_mean vs Slug

Right In: 74.129+/-0.000 χ^2/NDF: 2168375717401207322620658258081218560.0/14

Left Out: 31.916+/-0.000 χ^2/NDF:5239113497147644680116473780240384 0.0/11

Right Out: 78.633+/-0.000 χ^2/NDF: 2343230336879830638767678903539466240.0/15

Left In: 34.158+/-0.000 χ^2/NDF:1253578175709682803806424429022412 8.0/10

+ sign 49.444+/-0.000 χ^2/NDF: 2897043511629601

All: 51.139+/-0.000 χ^2/NDF: 602792654960 6

- sign 52.804+/-0.000 χ^2/NDF: 3121982731392082

dit_sam1_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_sam2_coil3_mean vs Slug

Right In: 9876.530+/-0.000 χ^2/NDF: 8483360287053054122301651905797133697024.0/14

+ sign 14279.004+/-0.000 χ^2/NDF: 3768368481481

Left Out: 17405.049+/-0.000 χ^2/NDF:7689801671099378791544545422175664865280.0/11

All: 14233.622+/-0.000 χ^2/NDF: 8022211512

Right Out: 8961.593+/-0.000 χ^2/NDF: 7583728644146461427304320888408335450112.0/15

- sign 14189.038+/-0.000 χ^2/NDF: 4253204880235

Left In: 17962.529+/-0.000 χ^2/NDF:3564698291142811133043344688261317525504.0/10

dit_sam2_coil3_err_mean vs Slug

Right In: 764.284+/-0.000 χ^2/NDF: 2909647580582694800050672050200305991 68.0/14

+ sign 570.604+/-0.000 χ^2/NDF: 335667061264854

Left Out: 433.079+/-0.000 χ^2/NDF:307037052443823915927319011947603558 4.0/11

All: 576.292+/-0.000 χ^2/NDF: 666328037619

Right Out: 772.547+/-0.000 χ^2/NDF: 285902138904642401278625587631891677184.0/15

- sign 581.880+/-0.000 χ^2/NDF: 330560730510906

Left In: 444.245+/-0.000 χ^2/NDF:290662583945299127010505389415124 1728.0/10

dit_sam2_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_sam3_coil3_mean vs Slug

Right In: 5145.657+/-0.000 χ^2/NDF: 4272867262459372237810540195851662262272.0/14

+ sign 7876.592+/-0.000 χ^2/NDF: 15792133720732

Left Out: 9815.736+/-0.000 χ^2/NDF:324212621250728671461831670420826226688 0.0/11

All: 7713.049+/-0.000 χ^2/NDF: 3351230123 5

Right Out: 4318.126+/-0.000 χ^2/NDF: 334517655456475542731253388890852661 6576.0/15

- sign 7552.383+/-0.000 χ^2/NDF: 17637293606384

Left In: 9887.069+/-0.000 χ^2/NDF:227851678022582408263242028880212734 7712.0/10

dit_sam3_coil3_err_mean vs Slug

Right In: 378.052+/-0.000 χ^2/NDF: 615165900225930530408607608613319475 20.0/14

Left Out: 275.181+/-0.000 χ^2/NDF:3063973924838483752648023856495198208.0/11

Right Out: 363.772+/-0.000 χ^2/NDF: 5903133748470980180418143934270668 8000.0/15

Left In: 276.429+/-0.000 χ^2/NDF:3176476969276554988209041450490396672.0/10

+ sign 317.896+/-0.000 χ^2/NDF: 685967694208858

All: 315.450+/-0.000 χ^2/NDF: 13377830011 5

- sign 313.047+/-0.000 χ^2/NDF: 651629892548713

dit_sam3_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_sam4_coil3_mean vs Slug

Right In: 9062.710+/-0.000 χ^2/NDF: 1362106694311435459415925240917543144652 8.0/14

+ sign 14255.973+/-0.000 χ^2/NDF: 5102685220080

Left Out: 17943.531+/-0.000 χ^2/NDF:747361773327481660328046992127437884620 8.0/11

All: 14090.424+/-0.000 χ^2/NDF: 1121885161

Right Out: 7490.147+/-0.000 χ^2/NDF: 1010820212420413993228500645738823915929 6.0/15

- sign 13927.789+/-0.000 χ^2/NDF: 6107674529188

Left In: 18574.874+/-0.000 χ^2/NDF:337175293631953841464838483614276308172 8.0/10

dit_sam4_coil3_err_mean vs Slug

Right In: 530.057+/-0.000 χ^2/NDF: 787546760630632555240464717518806712 32.0/14

Left Out: 460.312+/-0.000 χ^2/NDF:675460642837128305351752970163086950 4.0/11

Right Out: 507.987+/-0.000 χ^2/NDF: 766897346983084643378818419695550464 00.0/15

Left In: 471.219+/-0.000 χ^2/NDF:744597321916033625746777201105174528 0.0/10

+ sign 489.272+/-0.000 χ^2/NDF: 873553872862030

All: 487.941+/-0.000 χ^2/NDF: 17202025163 6

- sign 486.633+/-0.000 χ^2/NDF: 846593738129805

dit_sam4_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_sam5_coil3_mean vs Slug

Right In: 515.635+/-0.000 χ^2/NDF: 484654034205739572926730623711623249 92.0/14
+ sign 203.495+/-0.000 χ^2/NDF: 27061307526086 4
Left Out: -18.146+/-0.000 χ^2/NDF:1140146273273638901461797970727634206 72.0/11
All: 205.734+/-0.000 χ^2/NDF: 5621128652 05
Right Out: 461.497+/-0.000 χ^2/NDF: 4047374666009135592806330688436856 4224.0/15
- sign 207.935+/-0.000 χ^2/NDF: 2914842472029 32
Left In: 24.898+/-0.000 χ^2/NDF:1771700831460663404196866972503077027 84.0/10

dit_sam5_coil3_err_mean vs Slug

Right In: 88.493+/-0.000 χ^2/NDF: 6432311551930355126258179632089006 08.0/14

+ sign 72.455+/-0.000 χ^2/NDF: 1140205339739572

Left Out: 61.067+/-0.000 χ^2/NDF:2115070802130485076473310779612856 32.0/11

All: 71.718+/-0.000 χ^2/NDF: 2577899671839

Right Out: 86.773+/-0.000 χ^2/NDF: 1059206766314086021240525003228708864.0/15

- sign 70.994+/-0.000 χ^2/NDF: 1436012461961461

Left In: 59.604+/-0.000 χ^2/NDF:9086262518198566437532346316803276 8.0/10

dit_sam5_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_sam6_coil3_mean vs Slug

Right In: -1299.904+/-0.000 χ^2/NDF: 1199649252163216367086408691577524322304.0/14
+ sign -3598.213+/-0.000 χ^2/NDF: 7683373457426
Left Out: -5230.164+/-0.000 χ^2/NDF:6213375467540482757450116505270810050 56.0/11
All: -3651.666+/-0.000 χ^2/NDF: 1758908860
Right Out: -951.903+/-0.000 χ^2/NDF: 8413146968636570441744682842170893271 04.0/15
- sign -3704.179+/-0.000 χ^2/NDF: 98968619860202
Left Out: -5690.941+/-0.000 χ^2/NDF:3557746207229488669680404607498914365 44.0/10

dit_sam6_coil3_err_mean vs Slug

Right In: 114.118+/-0.000 χ^2/NDF: 607226770891525118881736460452495360.0/14

Left Out: 141.844+/-0.000 χ^2/NDF:455273254245846333149237795723673600.0/11

Right Out: 105.890+/-0.000 χ^2/NDF: 851861355270591521058611007535972352.0/15

Left In: 151.203+/-0.000 χ^2/NDF:382227652604999337577431549784096768.0/10

+ sign 130.331+/-0.000 χ^2/NDF: 135424557525506

All: 131.277+/-0.000 χ^2/NDF: 33864992632

- sign 132.206+/-0.000 χ^2/NDF: 202948230636755

dit_sam6_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_sam7_coil3_mean vs Slug

Right In: 2323.372+/-0.000 χ^2/NDF: 476371189888349375964725620757728591872.0/14

Left Out: 4245.269+/-0.000 χ^2/NDF:560100037882540295630660663570463719424.0/11

Right Out: 2092.458+/-0.000 χ^2/NDF: 367126080872166122663684022473339174912.0/15

Left In: 4396.069+/-0.000 χ^2/NDF:270326441631367265143713722564756897792.0/10

+ sign 3447.245+/-0.000 χ^2/NDF: 2438290741396

All: 3438.707+/-0.000 χ^2/NDF: 5131604048

- sign 3430.319+/-0.000 χ^2/NDF: 26930874223674

dit_sam7_coil3_err_mean vs Slug

Right In: 122.622+/-0.000 χ^2/NDF: 5937504661187691145903235842749497344.0/14

Left Out: 101.470+/-0.000 χ^2/NDF:1636065866092155151746011396204134 40.0/11

Right Out: 124.216+/-0.000 χ^2/NDF: 6549627589629012958791202941129719808.0/15

Left In: 104.786+/-0.000 χ^2/NDF:10201378538133383749343545184695 0912.0/10

+ sign 110.253+/-0.000 χ^2/NDF: 627090967671002

All: 111.604+/-0.000 χ^2/NDF: 13074452472 3

- sign 112.932+/-0.000 χ^2/NDF: 679788337218710

dit_sam7_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_sam8_coil3_mean vs Slug

Right In: 1761.245+/-0.000 χ^2/NDF: 332206925976055306953064744993096204288.0/14

Left Out: 3185.925+/-0.000 χ^2/NDF:334945906452981161805339150604505710592.0/11

Right Out: 1479.801+/-0.000 χ^2/NDF: 263467768134780968832551238609236131840.0/15

Left In: 3423.018+/-0.000 χ^2/NDF:745370388420888824638695817275684945 92.0/10

+ sign 2594.359+/-0.000 χ^2/NDF: 1437464688432

All: 2601.420+/-0.000 χ^2/NDF: 3238374299

- sign 2608.357+/-0.000 χ^2/NDF: 18007551336700

dit_sam8_coil3_err_mean vs Slug

Right In: 82.422+/-0.000 χ^2/NDF: 1263633347129443757477527241185296384.0/14

+ sign 79.794+/-0.000 χ^2/NDF: 1380118069986945

Left Out: 77.927+/-0.000 χ^2/NDF:1088165852895677701597195152109076 48.0/11

All: 80.046+/-0.000 χ^2/NDF: 299335194248 3

Right Out: 77.430+/-0.000 χ^2/NDF: 1515456409368458038568290276111024128.0/15

- sign 80.294+/-0.000 χ^2/NDF: 1613036492452020

Left In: 82.361+/-0.000 χ^2/NDF:8816053676918609649684696689069 2608.0/10

dit_sam8_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_4aX_coil7_mean vs Slug

Right In: 164.752+/-0.000 χ^2/NDF: 636982894318183391742569991655496089 6.0/14

+ sign 84.895+/-0.000 χ^2/NDF: 1350932583122595

Left Out: 28.192+/-0.000 χ^2/NDF:6207392894986276808397505937853644 8.0/11

All: 86.771+/-0.000 χ^2/NDF: 2705497277682

Right Out: 169.108+/-0.000 χ^2/NDF: 6040721802042936822766910687819071488.0/15

- sign 88.613+/-0.000 χ^2/NDF: 1353475070284198

Left In: 30.507+/-0.000 χ^2/NDF:5260070014827404980158669967169945 6.0/10

dit_4aX_coil7_err_mean vs Slug

Right In: 7.738+/-0.000 χ^2/NDF: 15127215479234506007469492768079872.0/14

+ sign 6.595+/-0.000 χ^2/NDF: 18660029983466047

Left Out: 5.783+/-0.000 χ^2/NDF:20821036504112099958625190061015 04.0/11

All: 6.585+/-0.000 χ^2/NDF: 3255111946980 5

Right Out: 7.057+/-0.000 χ^2/NDF: 11292441204139394792341242753581056.0/15

- sign 6.575+/-0.000 χ^2/NDF: 13890781213861884

Left In: 6.228+/-0.000 χ^2/NDF:23319117516557338093554890241474 56.0/10

dit_4aX_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_4eX_coil7_mean vs Slug

Right In: 141.032+/-0.000 χ^2/NDF: 4507992585512923332587415612245934080.0/14

+ sign 74.155+/-0.000 χ^2/NDF: 9534162342398363

Left Out: 26.669+/-0.000 χ^2/NDF:6252234311411585623862909696632422 4.0/11

All: 75.703+/-0.000 χ^2/NDF: 1902686413208

Right Out: 144.283+/-0.000 χ^2/NDF: 4268333571517740886065361663928827904.0/15

- sign 77.224+/-0.000 χ^2/NDF: 9485278065945565

Left In: 28.817+/-0.000 χ^2/NDF:5230979753213239399055327730702745 6.0/10

dit_4eX_coil7_err_mean vs Slug

Right In: 7.198+/-0.000 χ^2/NDF: 18212640728502785337831966963138560.0/14

Left Out: 5.404+/-0.000 χ^2/NDF:16574766732227345495360624153067 52.0/11

Right Out: 6.547+/-0.000 χ^2/NDF: 14078912505116068936230809834094592.0/15

Left In: 5.843+/-0.000 χ^2/NDF:18327868371027078624005378067660 80.0/10

+ sign 6.149+/-0.000 χ^2/NDF: 2109105727582817 7

All: 6.144+/-0.000 χ^2/NDF: 3719444625202 6

- sign 6.138+/-0.000 χ^2/NDF: 1610329718374636 8

dit_4eX_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

Left Out: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_11X12X_coil7_mean vs Slug

Right In: -397.613+/-0.000 χ^2/NDF: 266128078538463320709610622947426304 0.0/14

+ sign -404.151+/-0.000 χ^2/NDF: 60752984444318

Left Out: -408.794+/-0.000 χ^2/NDF:336657321396169290943910504040497152 0.0/11

All: -410.856+/-0.000 χ^2/NDF: 11678350413

Right Out: -394.973+/-0.000 χ^2/NDF: 368559551342718350159616528087410278 4.0/15

- sign -417.444+/-0.000 χ^2/NDF: 546374662460811

Left In: -433.664+/-0.000 χ^2/NDF:119823742138546110468749548459969740 8.0/10

dit_11X12X_coil7_err_mean vs Slug

Right In: 11.089+/-0.000 χ^2/NDF: 1423599112201498447816335126691840 0.0/14

+ sign 10.552+/-0.000 χ^2/NDF: 2364557431902666

Left Out: 10.171+/-0.000 χ^2/NDF:9089684940831859823552687731900416.0/11

All: 10.418+/-0.000 χ^2/NDF: 415971934979 4

Right Out: 10.728+/-0.000 χ^2/NDF: 1476723829072526090808112443713126 4.0/15

- sign 10.287+/-0.000 χ^2/NDF: 1789615499240610

Left In: 9.968+/-0.000 χ^2/NDF:2905664542402179840795878184976384.0/10

dit_11X12X_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

Left Out: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_4aY_coil7_mean vs Slug

Right In: -9.582+/-0.000 χ^2/NDF: 1470267998394000282080647196337766 4.0/14

+ sign -10.022+/-0.000 χ^2/NDF: 242946352397110

Left Out: -10.333+/-0.000 χ^2/NDF:937769242502636537504704147488768 0.0/11

All: -9.703+/-0.000 χ^2/NDF: 5350258312452

Right Out: -8.211+/-0.000 χ^2/NDF: 183042372938359614656057542044549 12.0/15

- sign -9.390+/-0.000 χ^2/NDF: 2889381959602526 7

Left In: -10.241+/-0.000 χ^2/NDF:899282908840843048348597777281843 2.0/10

dit_4aY_coil7_err_mean vs Slug

Right In: 2.367+/-0.000 χ^2/NDF: 920633294546152876922066767446016.0/14

Left Out: 1.642+/-0.000 χ^2/NDF:195842148226043527039909915262976.0/11

Right Out: 2.147+/-0.000 χ^2/NDF: 764171992480224478656127555338240.0/15

Left In: 1.580+/-0.000 χ^2/NDF:104159820106689813353171792166912.0/10

+ sign 1.943+/-0.000 χ^2/NDF: 1315983441767776

All: 1.880+/-0.000 χ^2/NDF: 2321029523106

- sign 1.818+/-0.000 χ^2/NDF: 99272780450860702

dit_4aY_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

Left Out: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_4eY_coil7_mean vs Slug

Right In: -8.139+/-0.000 χ^2/NDF: 1467644264922212037253377989332172 8.0/14

Left Out: -9.049+/-0.000 χ^2/NDF:2449058506184839792133889501167616.0/11

Right Out: -6.859+/-0.000 χ^2/NDF: 1648363156159179073135263215307980 8.0/15

Left In: -8.343+/-0.000 χ^2/NDF:7268690948063694771204756789526528.0/10

+ sign -8.671+/-0.000 χ^2/NDF: 1743954297052969

All: -8.191+/-0.000 χ^2/NDF: 4275682258895

- sign -7.721+/-0.000 χ^2/NDF: 2460541769521765

dit_4eY_coil7_err_mean vs Slug

Right In: 2.250+/-0.000 χ^2/NDF: 6567745881362748162954427010908 16.0/14

Left Out: 1.595+/-0.000 χ^2/NDF:7654921329220878114854523004518 4.0/11

Right Out: 2.025+/-0.000 χ^2/NDF: 5787174417629564546165055999180 80.0/15

Left In: 1.582+/-0.000 χ^2/NDF:5493098814576343490489799933952 0.0/10

+ sign 1.867+/-0.000 χ^2/NDF: 8961684903925900 9

All: 1.817+/-0.000 χ^2/NDF: 1613932314765 0

- sign 1.768+/-0.000 χ^2/NDF: 7099264779947717 7

dit_4eY_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Left In: 1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_usl_coil7_mean vs Slug

Right In: 8703.332+/-0.000 χ^2/NDF: 195011330673084268595363045008191919226 88.0/14

Left Out: 16957.575+/-0.000 χ^2/NDF:109380086255505617702852542976972438896 64.0/10

Right Out: 10539.327+/-0.000 χ^2/NDF: 462266842278361092733940625697537586626 56.0/15

Left In: 17773.103+/-0.000 χ^2/NDF:149260669911428894526765875526186324459 52.0/10

+ sign 13376.690+/-0.000 χ^2/NDF: 5547433572288

All: 14079.562+/-0.000 χ^2/NDF: 1383312786

- sign 14740.464+/-0.000 χ^2/NDF: 8142294021651

dit_usl_coil7_err_mean vs Slug

Right In: 599.849+/-0.000 χ^2/NDF: 8925896110037324430933720871563847 2704.0/14

+ sign 603.023+/-0.000 χ^2/NDF: 109870540550335

Left Out: 605.454+/-0.000 χ^2/NDF:206000366965768896864889138627068559 36.0/10

All: 614.575+/-0.000 χ^2/NDF: 21988174064 5

Right Out: 623.569+/-0.000 χ^2/NDF: 101448845479297603044152618126879490048.0/15

- sign 625.437+/-0.000 χ^2/NDF: 109623841978162

Left In: 626.785+/-0.000 χ^2/NDF:817098942966537005025427577470399 2832.0/10

dit_usl_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14
+ sign 1107.545+/-0.000 χ^2/NDF: 99202805471874
Left Out: 1173.334+/-0.000 χ^2/NDF:50259225692125439679244442751924699136.0/10
All: 1098.373+/-0.000 χ^2/NDF: 2098418779 5
Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15
- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_usr_coil7_mean vs Slug

Right In: 25232.229+/-0.000 χ^2/NDF: 2453458197477203101630463386353863229440 0.0/14

+ sign 21371.781+/-0.000 χ^2/NDF: 4557364101800

Left Out: 18630.609+/-0.000 χ^2/NDF:4499157177792733453337123782201790431232.0/11

All: 21666.026+/-0.000 χ^2/NDF: 9098110501

Right Out: 25601.388+/-0.000 χ^2/NDF: 2435975758796451082765081984727048309964 8.0/15

- sign 21955.094+/-0.000 χ^2/NDF: 4513919478175

Left In: 19322.974+/-0.000 χ^2/NDF:5509841990831420617123513924011035721728.0/10

dit_usr_coil7_err_mean vs Slug

Right In: 818.668+/-0.000 χ^2/NDF: 1056065270969119744894968023183733555 20.0/14
+ sign 684.008+/-0.000 χ^2/NDF: 1457915690693 88
Left Out: 588.391+/-0.000 χ^2/NDF:2006019737798911499129666566607811 3792.0/11
All: 669.969+/-0.000 χ^2/NDF: 2443165090 40
Right Out: 749.661+/-0.000 χ^2/NDF: 7797269183460570870614546125066915 0208.0/15
- sign 656.176+/-0.000 χ^2/NDF: 979142023590546
Left In: 588.693+/-0.000 χ^2/NDF:9904386894828699094725074481582178304.0/10

dit_usr_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_atl1_coil7_mean vs Slug

Right In: 4145.268+/-0.000 χ^2/NDF: 7636939983950646896379723819335076481597 44.0/14

+ sign 8333.706+/-0.000 χ^2/NDF: 8194448772748 5

Left Out: 11307.773+/-0.000 χ^2/NDF:3628106586224425978730098238817854868684 8.0/11

All: 10251.942+/-0.000 χ^2/NDF: 1732817087

Right Out: 10948.073+/-0.000 χ^2/NDF: 8739496685103272015146014631153961910927 36.0/15

- sign 12136.418+/-0.000 χ^2/NDF: 9019709098500

Left In: 12994.239+/-0.000 χ^2/NDF:2639939747320906331564871104022427625062 4.0/10

dit_atl1_coil7_err_mean vs Slug

Right In: 1062.141+/-0.000 χ^2/NDF: 952806231926530012715872184655778152448.0/14
+ sign 773.025+/-0.000 χ^2/NDF: 106309785539188
Left Out: 567.733+/-0.000 χ^2/NDF:175228847476874951680101921792553123 84.0/11
All: 952.780+/-0.000 χ^2/NDF: 736031273486
Right Out: 1887.077+/-0.000 χ^2/NDF: 552587271836384562036602938756905828 3520.0/15
- sign 1129.371+/-0.000 χ^2/NDF: 61970965674299
Left In: 582.413+/-0.000 χ^2/NDF:118601444625381818138146789657296240 64.0/10

dit_atl1_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_atl2_coil7_mean vs Slug

Right In: 80102.504+/-0.000 χ^2/NDF: 2545217840972586547236075226317424657694 72.0/14
+ sign 100772.113+/-0.000 χ^2/NDF: 17674802689 5
Left Out: 115448.893+/-0.000 χ^2/NDF:1038801657464811255416211206986838896017408.0/11
All: 104792.930+/-0.000 χ^2/NDF: 32804450 0
Right Out: 78815.832+/-0.000 χ^2/NDF: 2860769192178110994344704422319981854 72000.0/15
- sign 108742.985+/-0.000 χ^2/NDF: 146287150012
Left In: 130346.244+/-0.000 χ^2/NDF:1481748710154398198201004592799992785 14176.0/10

dit_atl2_coil7_err_mean vs Slug

Right In: 2662.183+/-0.000 χ^2/NDF: 1031389230165640157864439705583367487488.0/14

Left Out: 3077.945+/-0.000 χ^2/NDF:1073709891492389198093936322660595138560.0/11

Right Out: 2624.696+/-0.000 χ^2/NDF: 1566705216866534713590934835660406652928.0/15

Left In: 3232.879+/-0.000 χ^2/NDF:2757210076138912767410072402833314938888.0/10

+ sign 2905.309+/-0.000 χ^2/NDF: 21707015926614

All: 2941.931+/-0.000 χ^2/NDF: 41605670277

- sign 2977.909+/-0.000 χ^2/NDF: 19857098184284

dit_atl2_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

Left In: 1192.687+/-0.000 χ^2/NDF:19255287383728205662654022867381911552.0/10

dit_atr1_coil7_mean vs Slug

Right In: 3390.550+/-0.000 χ^2/NDF: 658719274415532567241791945562801737564 16.0/14
+ sign 6636.719+/-0.000 χ^2/NDF: 10032445769830
Left Out: 8941.712+/-0.000 χ^2/NDF:227575427235299768629241896288372643594 24.0/11
All: 6458.520+/-0.000 χ^2/NDF: 2736278227 8
Right Out: 3167.396+/-0.000 χ^2/NDF: 137753886677241144460462531881687568089088.0/15
- sign 6283.457+/-0.000 χ^2/NDF: 17320497250641
Left In: 8532.821+/-0.000 χ^2/NDF:242995159493802245863247375580952264704 00.0/10

dit_atr1_coil7_err_mean vs Slug

Right In: 893.683+/-0.000 χ^2/NDF: 3345836190786310089324042282273593098 24.0/14
+ sign 734.457+/-0.000 χ^2/NDF: 375941972925027
Left Out: 621.395+/-0.000 χ^2/NDF:13220761349033595391183034930255888384.0/11
All: 813.984+/-0.000 χ^2/NDF: 351101342045
Right Out: 1239.298+/-0.000 χ^2/NDF: 297099085948648399040810891893756500377 6.0/15
- sign 892.111+/-0.000 χ^2/NDF: 311547484911191
Left In: 641.490+/-0.000 χ^2/NDF:604724187104646632094315292671554355 2.0/10

dit_atr1_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_atr2_coil7_mean vs Slug

Right In: 121016.482+/-0.000 χ^2/NDF: 3587138564043035549877849759836096681738 24.0/14
+ sign 115470.027+/-0.000 χ^2/NDF: 555580110243
Left Out: 111531.681+/-0.000 χ^2/NDF:1627242998299219503708342464173729130741 76.0/11
All: 116958.641+/-0.000 χ^2/NDF: 14862531 7
Right Out: 120060.693+/-0.000 χ^2/NDF: 828419782346707601448620310014135952736256.0/15
- sign 118421.056+/-0.000 χ^2/NDF: 923806900564
Left In: 117237.465+/-0.000 χ^2/NDF:922995277061580630965444342066787920117 76.0/10

dit_atr2_coil7_err_mean vs Slug

Right In: 3329.488+/-0.000 χ^2/NDF: 567034774398456376227526824513721335808.0/14

+ sign 3062.293+/-0.000 χ^2/NDF: 13091528183331

Left Out: 2872.567+/-0.000 χ^2/NDF:662883582778902790585902196636778496000.0/11

All: 3234.072+/-0.000 χ^2/NDF: 1581039287

Right Out: 4173.434+/-0.000 χ^2/NDF: 1349824655153799240009500315468246810624 0.0/15

- sign 3402.829+/-0.000 χ^2/NDF: 14409809055061

Left In: 2846.559+/-0.000 χ^2/NDF:2295571097366821236038857641346161704 96.0/10

dit_atr2_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_sam1_coil7_mean vs Slug

Right In: -1268.061+/-0.000 χ^2/NDF: 109228076028883385607047049080064704512 0.0/14

+ sign -542.758+/-0.000 χ^2/NDF: 16885256839991

Left Out: -27.745+/-0.000 χ^2/NDF:124018662937763897824067331938771271 68.0/11

All: -567.488+/-0.000 χ^2/NDF: 33961086853

Right Out: -1314.767+/-0.000 χ^2/NDF: 109847131386407901371460937965326093516 8.0/15

- sign -591.782+/-0.000 χ^2/NDF: 17056880683273 5

Left In: -69.887+/-0.000 χ^2/NDF:689672905510609549267529077554465996 8.0/10

dit_sam1_coil7_err_mean vs Slug

Right In: 202.191+/-0.000 χ^2/NDF: 702794105275284906636904065061512806 4.0/14

Left Out: 102.547+/-0.000 χ^2/NDF:631914374783938330949359707000668160.0/11

Right Out: 187.126+/-0.000 χ^2/NDF: 623002949160552474693651580994138931 2.0/15

Left In: 112.981+/-0.000 χ^2/NDF:399082569166702797505998561799569408.0/10

+ sign 143.922+/-0.000 χ^2/NDF: 114280634979740

All: 143.994+/-0.000 χ^2/NDF: 20186723766

- sign 144.065+/-0.000 χ^2/NDF: 875864401174807

dit_sam1_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 40493101470870278397836276403592495104.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_sam2_coil7_mean vs Slug

Right In: -32594.962+/-0.000 χ^2/NDF: 2091503692070005644897245290209225201418 24.0/14
+ sign -15735.844+/-0.000 χ^2/NDF: 526567009410
Left Out: -3764.764+/-0.000 χ^2/NDF:196909765148126713372068659345037354598 4.0/11
All: -16409.443+/-0.000 χ^2/NDF: 111371622
Right Out: -34848.046+/-0.000 χ^2/NDF: 221127702024811719232559434097324967591936.0/15
- sign -17071.187+/-0.000 χ^2/NDF: 5857433226583
Left In: -4238.758+/-0.000 χ^2/NDF:167625887746606747174628306712503359897 6.0/10

dit_sam2_coil7_err_mean vs Slug

Right In: 1958.835+/-0.000 χ^2/NDF: 1189322999631358431600643692981190131712.0/14

+ sign 1446.535+/-0.000 χ^2/NDF: 15230348570712

Left Out: 1082.769+/-0.000 χ^2/NDF:4243546759293801850495557007505883136 0.0/11

All: 1429.975+/-0.000 χ^2/NDF: 2684715334 1

Right Out: 1797.392+/-0.000 χ^2/NDF: 9550966238799581956571950746142402150 40.0/15

- sign 1413.706+/-0.000 χ^2/NDF: 11608307427850

Left In: 1136.738+/-0.000 χ^2/NDF:3666064038816023377049229979717468160 0.0/10

dit_sam2_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_sam3_coil7_mean vs Slug

Right In: -18068.550+/-0.000 χ^2/NDF: 8431215644353355341776093349775376016998 4.0/14
+ sign -9439.320+/-0.000 χ^2/NDF: 1677312300640
Left Out: -3312.000+/-0.000 χ^2/NDF:7769336751539700934144979327469863567 36.0/11
All: -9455.112+/-0.000 χ^2/NDF: 3283182119
Right Out: -17888.149+/-0.000 χ^2/NDF: 7840591561291425286987523106879539301 5808.0/15
- sign -9470.625+/-0.000 χ^2/NDF: 1605862092635 7
Left In: -3394.339+/-0.000 χ^2/NDF:8049690958240573917042936693908937113 60.0/10

dit_sam3_coil7_err_mean vs Slug

Right In: 958.411+/-0.000 χ^2/NDF: 2647331050585228222781371970707395706 88.0/14

+ sign 804.584+/-0.000 χ^2/NDF: 338998928620433

Left Out: 695.356+/-0.000 χ^2/NDF:4800413975037954100361026980618331 7504.0/11

All: 788.186+/-0.000 χ^2/NDF: 5984680249 63

Right Out: 867.538+/-0.000 χ^2/NDF: 2161298515451667141222523176044881 51040.0/15

- sign 772.078+/-0.000 χ^2/NDF: 258636009193620

Left In: 703.169+/-0.000 χ^2/NDF:3204053186145142696993994476773336 6784.0/10

dit_sam3_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_sam4_coil7_mean vs Slug

Right In: -28868.624+/-0.000 χ^2/NDF: 261450701095727362961367657926584124309504.0/14

+ sign -16242.946+/-0.000 χ^2/NDF: 441105467605

Left Out: -7277.886+/-0.000 χ^2/NDF:2738867305918098068317388239234104557568.0/11

All: -16034.416+/-0.000 χ^2/NDF: 851792093

Right Out: -27610.848+/-0.000 χ^2/NDF: 248097983477523504935751571384400118546432.0/15

- sign -15829.556+/-0.000 χ^2/NDF: 410551888967

Left In: -7325.095+/-0.000 χ^2/NDF:304599116795237711242251693759971668 7872.0/10

dit_sam4_coil7_err_mean vs Slug

Right In: 1353.413+/-0.000 χ^2/NDF: 3528879667027707133738618398805537587 20.0/14

+ sign 1259.184+/-0.000 χ^2/NDF: 5136360923482 1

Left Out: 1192.275+/-0.000 χ^2/NDF:1508937428719364207026273994262393651 20.0/11

All: 1241.889+/-0.000 χ^2/NDF: 9078869434 7

Right Out: 1230.633+/-0.000 χ^2/NDF: 2769894541291500056568727445399037542 40.0/15

- sign 1224.899+/-0.000 χ^2/NDF: 39332410450392

Left In: 1220.761+/-0.000 χ^2/NDF:1162968972504867199653419908309408808 96.0/10

dit_sam4_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_sam5_coil7_mean vs Slug

Right In: -1314.782+/-0.000 χ^2/NDF: 966082368518203481544021644405645508608.0/14
+ sign -1319.671+/-0.000 χ^2/NDF: 9932894812646
Left Out: -1323.142+/-0.000 χ^2/NDF:2718058478929391169480361330340999987 2.0/11
All: -1237.928+/-0.000 χ^2/NDF: 2253249413
Right Out: -1056.765+/-0.000 χ^2/NDF: 112714159418741702194983247735328604 1600.0/15
- sign -1157.624+/-0.000 χ^2/NDF: 1239256161678
Left In: -1230.430+/-0.000 χ^2/NDF:1004316910688500560864091324605205 05344.0/10

dit_sam5_coil7_err_mean vs Slug

Right In: 270.538+/-0.000 χ^2/NDF: 2473839905347950323907848405170257920.0/14

Left Out: 250.055+/-0.000 χ^2/NDF:2329396041694824766683600755668025344.0/11

Right Out: 233.421+/-0.000 χ^2/NDF: 3048529087317888615064010247743995904.0/15

Left In: 253.145+/-0.000 χ^2/NDF:1980196841930298045035907903943344128.0/10

+ sign 258.560+/-0.000 χ^2/NDF: 496246110495273

All: 251.658+/-0.000 χ^2/NDF: 10289533435

- sign 244.876+/-0.000 χ^2/NDF: 517943608917736

dit_sam5_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_sam6_coil7_mean vs Slug

Right In: 6163.445+/-0.000 χ^2/NDF: 1820062254902677050474630013900985414451 2.0/14

+ sign 2896.810+/-0.000 χ^2/NDF: 30187505563734

Left Out: 577.285+/-0.000 χ^2/NDF:1439649328177123537208848134971169177 60.0/11

All: 2944.332+/-0.000 χ^2/NDF: 5815922787 8

Right Out: 5983.876+/-0.000 χ^2/NDF: 17505201913276273559161088764155841740800.0/15

- sign 2991.017+/-0.000 χ^2/NDF: 27964724924864

Left In: 830.587+/-0.000 χ^2/NDF:1723370924037262731973560206151280230 40.0/10

dit_sam6_coil7_err_mean vs Slug

Right In: 363.133+/-0.000 χ^2/NDF: 115027916970764564264359982779953315 84.0/14

Left Out: 384.397+/-0.000 χ^2/NDF:4703352228141784942428920611126378496.0/11

Right Out: 299.514+/-0.000 χ^2/NDF: 76854973187442252183546528289846722 56.0/15

Left In: 424.034+/-0.000 χ^2/NDF:781289423171808610624109486888137523 2.0/10

+ sign 375.568+/-0.000 χ^2/NDF: 16377739422265 1

All: 373.683+/-0.000 χ^2/NDF: 3789335787 34

- sign 371.831+/-0.000 χ^2/NDF: 215046104489711

dit_sam6_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_sam7_coil7_mean vs Slug

Right In: -4242.174+/-0.000 χ^2/NDF: 678347227217415137114560108174211075276 8.0/14
+ sign -2446.693+/-0.000 χ^2/NDF: 1049869951463
Left Out: -1171.784+/-0.000 χ^2/NDF:137401425112319786783295403719378599936.0/11
All: -2470.156+/-0.000 χ^2/NDF: 2076239631
Right Out: -4230.978+/-0.000 χ^2/NDF: 668240952810301675220434357374093046579 2.0/15
- sign -2493.207+/-0.000 χ^2/NDF: 10261991032463
Left In: -1238.776+/-0.000 χ^2/NDF:111339045659652616720712870833504124928.0/10

dit_sam7_coil7_err_mean vs Slug

Right In: 287.460+/-0.000 χ^2/NDF: 29517044144826155936619151581366976512.0/14

Left Out: 219.672+/-0.000 χ^2/NDF:245550752267692676232869241918010163 2.0/11

Right Out: 265.593+/-0.000 χ^2/NDF: 25843263106329059274985499259066908672.0/15

Left In: 233.397+/-0.000 χ^2/NDF:217134173798935923775359976649995 0592.0/10

+ sign 247.819+/-0.000 χ^2/NDF: 33716502024544 6

All: 247.353+/-0.000 χ^2/NDF: 6213331610 36

- sign 246.895+/-0.000 χ^2/NDF: 284161399961778

dit_sam7_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_sam8_coil7_mean vs Slug

Right In: -3335.273+/-0.000 χ^2/NDF: 633808725158963752903007551715242357555 2.0/14
+ sign -1928.069+/-0.000 χ^2/NDF: 8598052081097
Left Out: -928.862+/-0.000 χ^2/NDF:622505100215341047345917104599680942 08.0/11
All: -1879.206+/-0.000 χ^2/NDF: 1738697442
Right Out: -3027.603+/-0.000 χ^2/NDF: 7086157086694396583090903767581326311424.0/15
- sign -1831.203+/-0.000 χ^2/NDF: 8781524392248 3
Left In: -967.568+/-0.000 χ^2/NDF:5146188161940171856749778772086593945 6.0/10

dit_sam8_coil7_err_mean vs Slug

Right In: 189.442+/-0.000 χ^2/NDF: 4707234253929700721726064108794544128.0/14

+ sign 182.640+/-0.000 χ^2/NDF: 755196649084906

Left Out: 177.811+/-0.000 χ^2/NDF:279339252992794486008158123450590822 4.0/11

All: 182.836+/-0.000 χ^2/NDF: 15810669328

Right Out: 172.485+/-0.000 χ^2/NDF: 559481340899672826193871147040453427 2.0/15

- sign 183.029+/-0.000 χ^2/NDF: 825858339211044

Left In: 190.641+/-0.000 χ^2/NDF:253607038668406713200154889809192550 4.0/10

dit_sam8_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_4aX_coil4_mean vs Slug

Right In: 0.411+/-0.000 χ^2/NDF: 338557350625556317005308982040985 6.0/14

+ sign 0.176+/-0.000 χ^2/NDF: 38013535411119763

Left Out: 0.010+/-0.000 χ^2/NDF:354573516648160349272665694928896.0/11

All: 0.357+/-0.000 χ^2/NDF: 5674167911062 2

Right Out: 1.008+/-0.000 χ^2/NDF: 112840222814409639449804741070028 8.0/15

- sign 0.535+/-0.000 χ^2/NDF: 17715106696706138

Left In: 0.193+/-0.000 χ^2/NDF:386133523330033860307880234713088.0/10

dit_4aX_coil4_err_mean vs Slug

Right In: 4.495+/-0.000 χ^2/NDF: 27422400724410975315007287915970 56.0/14

Left Out: 4.324+/-0.000 χ^2/NDF:202553496938895005840710911918080 0.0/11

Right Out: 4.296+/-0.000 χ^2/NDF: 201192570706205189038100747544166 4.0/15

Left In: 4.145+/-0.000 χ^2/NDF:164594260430334960857184982794240 0.0/10

+ sign 4.395+/-0.000 χ^2/NDF: 4778921312885319 5

All: 4.301+/-0.000 χ^2/NDF: 847301115148 39

- sign 4.208+/-0.000 χ^2/NDF: 36666176911582785

dit_4aX_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_4eX_coil4_mean vs Slug

Right In: 3.802+/-0.000 χ^2/NDF: 37954760743983389305647006576803 84.0/14

+ sign 3.512+/-0.000 χ^2/NDF: 42645411605619782

Left Out: 3.305+/-0.000 χ^2/NDF:37551460533980562489867955811123 2.0/11

All: 3.709+/-0.000 χ^2/NDF: 6952977853900 1

Right Out: 4.206+/-0.000 χ^2/NDF: 20964278133414545733322651834777 60.0/15

- sign 3.903+/-0.000 χ^2/NDF: 25677839447530972

Left In: 3.684+/-0.000 χ^2/NDF:36600141965642231060185007259648 0.0/10

dit_4eX_coil4_err_mean vs Slug

Right In: 4.136+/-0.000 χ^2/NDF: 3507600624388663919898505496231936.0/14

Left Out: 4.035+/-0.000 χ^2/NDF:1609299061352578548486150138363904.0/11

Right Out: 3.948+/-0.000 χ^2/NDF: 2670176783942302028345551100051456.0/15

Left In: 3.873+/-0.000 χ^2/NDF:1278598291391127694323835331411968.0/10

+ sign 4.077+/-0.000 χ^2/NDF: 5120791109485676

All: 3.990+/-0.000 χ^2/NDF: 9095304905164

- sign 3.904+/-0.000 χ^2/NDF: 3950992574828696

dit_4eX_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 12465444911625

dit_11X12X_coil4_mean vs Slug

Right In: -0.360+/-0.000 χ^2/NDF: 2180256348790896849346212178952192.0/14

+ sign -0.605+/-0.000 χ^2/NDF: 3188346311700114

Left Out: -0.778+/-0.000 χ^2/NDF:9417925683764342254868439886725 12.0/11

All: -0.709+/-0.000 χ^2/NDF: 4336052335682

Right Out: -0.790+/-0.000 χ^2/NDF: 4630783690733439598034229038940 16.0/15

- sign -0.812+/-0.000 χ^2/NDF: 1113826026082910

Left In: -0.828+/-0.000 χ^2/NDF:6501739774591225245371804543877 12.0/10

dit_11X12X_coil4_err_mean vs Slug

Right In: 6.079+/-0.000 χ^2/NDF: 15902951710227051575099004488253 44.0/14

+ sign 6.828+/-0.000 χ^2/NDF: 6792638877370086 9

Left Out: 7.360+/-0.000 χ^2/NDF:458038075523936550358514007015424 0.0/11

All: 6.689+/-0.000 χ^2/NDF: 1032305053905 5

Right Out: 6.245+/-0.000 χ^2/NDF: 1816529163105006938510976985595904.0/15

- sign 6.552+/-0.000 χ^2/NDF: 34702547921187787

Left In: 6.773+/-0.000 χ^2/NDF:1545880653062872635060205832372224.0/10

dit_11X12X_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_4aY_coil4_mean vs Slug

Right In: 192.771+/-0.000 χ^2/NDF: 1640576279746948433391816936236515328.0/14

+ sign 176.433+/-0.000 χ^2/NDF: 226806307744820

Left Out: 164.832+/-0.000 χ^2/NDF:331248867631864480349687016910225408.0/11

All: 178.219+/-0.000 χ^2/NDF: 43935498747

Right Out: 188.612+/-0.000 χ^2/NDF: 192234225728767456334420473001961062 4.0/15

- sign 179.974+/-0.000 χ^2/NDF: 211560304537061

Left In: 173.738+/-0.000 χ^2/NDF:1075681569239006494587955410024529 92.0/10

dit_4aY_coil4_err_mean vs Slug

Right In: 1.677+/-0.000 χ^2/NDF: 2418799240447885932927915592253 44.0/14

+ sign 1.404+/-0.000 χ^2/NDF: 4203163615319246 3

Left Out: 1.210+/-0.000 χ^2/NDF:9550050245842002667238470556057 6.0/11

All: 1.353+/-0.000 χ^2/NDF: 8054448524380 2

Right Out: 1.555+/-0.000 χ^2/NDF: 2556459514338902968276771951083 52.0/15

- sign 1.303+/-0.000 χ^2/NDF: 3770443813103152 4

Left In: 1.121+/-0.000 χ^2/NDF:4837489656334895737228535162470 4.0/10

dit_4aY_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 12465444911625

dit_4eY_coil4_mean vs Slug

Right In: 195.940+/-0.000 χ^2/NDF: 1057891079869089572370479093183938560.0/14

Left Out: 173.245+/-0.000 χ^2/NDF:4211897430223129567796212229545656 32.0/11

Right Out: 190.268+/-0.000 χ^2/NDF: 1468473073667973330267084234323656704.0/15

Left In: 183.290+/-0.000 χ^2/NDF:1017388415111114178210426118324879 36.0/10

+ sign 182.669+/-0.000 χ^2/NDF: 16745674206207 5

All: 184.458+/-0.000 χ^2/NDF: 32735567790 4

- sign 186.216+/-0.000 χ^2/NDF: 158906987548328

dit_4eY_coil4_err_mean vs Slug

Right In: 1.569+/-0.000 χ^2/NDF: 16284919566812338078961054095769 6.0/14

Left Out: 1.190+/-0.000 χ^2/NDF:5074582293603221733614481414553 6.0/11

Right Out: 1.446+/-0.000 χ^2/NDF: 19629665391752335244327105278771 2.0/15

Left In: 1.118+/-0.000 χ^2/NDF:4897349699572348091180136582348 8.0/10

+ sign 1.347+/-0.000 χ^2/NDF: 2680564508595917 5

All: 1.301+/-0.000 χ^2/NDF: 5615758872199 8

- sign 1.256+/-0.000 χ^2/NDF: 2869099255914574 3

dit_4eY_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_usl_coil4_mean vs Slug

Right In: 4256.386+/-0.000 χ^2/NDF: 4986054125516248596724549541595761868 80.0/14

+ sign 4335.661+/-0.000 χ^2/NDF: 1273495465485 7

Left Out: 4396.403+/-0.000 χ^2/NDF:7676863081574864401791002405526380216 32.0/10

All: 4498.481+/-0.000 χ^2/NDF: 5611121427 8

Right Out: 4667.832+/-0.000 χ^2/NDF: 3201925535782807450320951772159309512704.0/15

- sign 4651.578+/-0.000 χ^2/NDF: 4260675233621 6

Left Out: 4639.846+/-0.000 χ^2/NDF:1058446303743243170530981239939506634752.0/10

dit_usl_coil4_err_mean vs Slug

Right In: 325.732+/-0.000 χ^2/NDF: 1463335956794024412389724276985430016 0.0/14

+ sign 382.754+/-0.000 χ^2/NDF: 279252260301187

Left Out: 426.446+/-0.000 χ^2/NDF:9564737566607591468000084323542761472.0/10

All: 390.448+/-0.000 χ^2/NDF: 69004632674

Right Out: 366.682+/-0.000 χ^2/NDF: 3209725069994795640911744011539893 4528.0/15

- sign 397.684+/-0.000 χ^2/NDF: 409075450012092

Left In: 420.062+/-0.000 χ^2/NDF:7706514276709269263404419491802644480.0/10

dit_usl_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1149.328+/-0.000 χ^2/NDF: 8478540903172 0
Left Out: 1181.721+/-0.000 χ^2/NDF:421028838563212752568210290625090682 88.0/10
All: 1161.261+/-0.000 χ^2/NDF: 2098532030 9
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5
Left In: 1285.364+/-0.000 χ^2/NDF:240025728037323459597360480955148533 76.0/10

dit_usr_coil4_mean vs Slug

Right In: 4070.444+/-0.000 χ^2/NDF: 3432818752826957399563831562952475934 72.0/14

Left Out: 3775.469+/-0.000 χ^2/NDF:3446117374561161554415733115293720903 68.0/11

Right Out: 3968.723+/-0.000 χ^2/NDF: 3599558803261947844673533694925948846 08.0/15

Left In: 3896.757+/-0.000 χ^2/NDF:4125307145846937302251302040143533178 88.0/10

+ sign 3897.950+/-0.000 χ^2/NDF: 7209154986710 8

All: 3912.568+/-0.000 χ^2/NDF: 1496070330 2

- sign 3926.928+/-0.000 χ^2/NDF: 7744927899095 2

dit_usr_coil4_err_mean vs Slug

Right In: 477.186+/-0.000 χ^2/NDF: 204557199317583799788926051849747824 64.0/14

Left Out: 430.385+/-0.000 χ^2/NDF:1512486318706351591677550060216778752 0.0/11

Right Out: 463.513+/-0.000 χ^2/NDF: 1255677793106990337003183238818457190 4.0/15

Left In: 406.990+/-0.000 χ^2/NDF:7014219134688394471330081136711827456.0/10

+ sign 449.818+/-0.000 χ^2/NDF: 36411863935895 3

All: 440.167+/-0.000 χ^2/NDF: 5750904412 02

- sign 430.686+/-0.000 χ^2/NDF: 20808578063508 0

dit_usr_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_atl1_coil4_mean vs Slug

Right In: -3896.522+/-0.000 χ^2/NDF: 396185985164810204482484406700129847869 44.0/14
+ sign -1837.483+/-0.000 χ^2/NDF: 4528252222957
Left Out: -375.430+/-0.000 χ^2/NDF:958630071854954411455962799285737619456.0/11
All: -1609.422+/-0.000 χ^2/NDF: 8915994509
Right Out: -2695.992+/-0.000 χ^2/NDF: 408224630714623521242120583865917295820 80.0/15
- sign -1385.374+/-0.000 χ^2/NDF: 4371626422274
Left In: -439.289+/-0.000 χ^2/NDF:921031566733723872829454078558930468864.0/10

dit_atl1_coil4_err_mean vs Slug

Right In: 574.055+/-0.000 χ^2/NDF: 1521052298891604230184937095823905259 52.0/14

+ sign 479.885+/-0.000 χ^2/NDF: 171327208770113

Left Out: 413.017+/-0.000 χ^2/NDF:937979680238570400350831723874877440 0.0/11

All: 602.666+/-0.000 χ^2/NDF: 24520895778 5

Right Out: 1163.697+/-0.000 χ^2/NDF: 200319439647546533719015478751518313 6768.0/15

- sign 723.286+/-0.000 χ^2/NDF: 223405186584258

Left In: 405.371+/-0.000 χ^2/NDF:809637404511790653534348357749492940 8.0/10

dit_atl1_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_atl2_coil4_mean vs Slug

Right In: 24608.761+/-0.000 χ^2/NDF: 1755560042714070178763675908416726892544 0.0/14

Left Out: 28302.359+/-0.000 χ^2/NDF:6474396057652607314785278932682393465651 2.0/11

Right Out: 23673.937+/-0.000 χ^2/NDF: 2482422934482756731362487167729534186291 2.0/15

Left In: 32239.303+/-0.000 χ^2/NDF:1193139787566317714281282999880354103296 0.0/10

+ sign 26768.677+/-0.000 χ^2/NDF: 8747719496851

All: 27716.891+/-0.000 χ^2/NDF: 1554384105

- sign 28648.418+/-0.000 χ^2/NDF: 6517533016953

dit_atl2_coil4_err_mean vs Slug

Right In: 1471.095+/-0.000 χ^2/NDF: 139174979420467841073894167956452016128.0/14

Left Out: 2188.131+/-0.000 χ^2/NDF:5938585160905351867022075216408241766 40.0/11

Right Out: 1508.451+/-0.000 χ^2/NDF: 250085163770425050605763446985715613696.0/15

Left In: 2201.571+/-0.000 χ^2/NDF:156929124179690930619030229097962799104.0/10

+ sign 1890.398+/-0.000 χ^2/NDF: 9281589423830 4

All: 1900.786+/-0.000 χ^2/NDF: 1521607045 3

- sign 1910.992+/-0.000 χ^2/NDF: 59311371544144

dit_atl2_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_atr1_coil4_mean vs Slug

Right In: -1374.510+/-0.000 χ^2/NDF: 3072775774026573120755024580495322120192.0/14
+ sign -1269.525+/-0.000 χ^2/NDF: 4097990392534
Left Out: -1194.978+/-0.000 χ^2/NDF:10129821643437356447212965830585934151 68.0/11
All: -1305.037+/-0.000 χ^2/NDF: 1597961645
Right Out: -1227.879+/-0.000 χ^2/NDF: 111153129999266233964664502184486224527 36.0/15
- sign -1339.925+/-0.000 χ^2/NDF: 1187771840458 3
Left In: -1420.806+/-0.000 χ^2/NDF:74798708578592016263791693221736113766 4.0/10

dit_atr1_coil4_err_mean vs Slug

Right In: 507.809+/-0.000 χ^2/NDF: 641399279684440545968596134682207191 04.0/14

Left Out: 448.905+/-0.000 χ^2/NDF:69724449690417259297441114941481287 68.0/11

Right Out: 577.250+/-0.000 χ^2/NDF: 241288780642623391683958641535574081536.0/15

Left In: 437.315+/-0.000 χ^2/NDF:48746775249687422755607612939860705 28.0/10

+ sign 473.363+/-0.000 χ^2/NDF: 724292062329366

All: 484.772+/-0.000 χ^2/NDF: 32658142352 7

- sign 495.981+/-0.000 χ^2/NDF: 253748895345900

dit_atr1_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_atr2_coil4_mean vs Slug

Right In: 30277.649+/-0.000 χ^2/NDF: 309759746415241424530900225407605192785 92.0/14
+ sign 28060.820+/-0.000 χ^2/NDF: 4495105358177
Left Out: 26486.725+/-0.000 χ^2/NDF:852099348334098742913175071703588405248 0.0/11
All: 28163.219+/-0.000 χ^2/NDF: 986055664 7
Right Out: 28896.318+/-0.000 χ^2/NDF: 469695040580103591462505602284097141473 28.0/15
- sign 28263.816+/-0.000 χ^2/NDF: 5362202344062
Left In: 27807.237+/-0.000 χ^2/NDF:619305862021989967883513981580364218368 0.0/10

dit_atr2_coil4_err_mean vs Slug

Right In: 1909.434+/-0.000 χ^2/NDF: 876369740942116715241776501658694451 20.0/14
+ sign 1995.018+/-0.000 χ^2/NDF: 5337762569447 3
Left Out: 2055.788+/-0.000 χ^2/NDF:438010168588723075505721290768963862528.0/11
All: 2084.675+/-0.000 χ^2/NDF: 3823708197 3
Right Out: 2473.977+/-0.000 χ^2/NDF: 303390802574641812173875328660038641 2544.0/15
- sign 2172.754+/-0.000 χ^2/NDF: 32650251724153
Left In: 1955.312+/-0.000 χ^2/NDF:1269090523838381660352940821773476167 68.0/10

dit_atr2_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_sam1_coil4_mean vs Slug

Right In: -13233.367+/-0.000 χ^2/NDF: 4125704383621304336759686655949964050432 0.0/14
+ sign -9621.893+/-0.000 χ^2/NDF: 5629932940229
Left Out: -7057.509+/-0.000 χ^2/NDF:5670227682900268361867951185690215055 36.0/11
All: -9925.988+/-0.000 χ^2/NDF: 1182552632
Right Out: -14060.103+/-0.000 χ^2/NDF: 4449059475428016176640555691571138684 5184.0/15
- sign -10224.731+/-0.000 χ^2/NDF: 6166940420799
Left In: -7456.124+/-0.000 χ^2/NDF:2845543245897785588421294473169233510 40.0/10

dit_sam1_coil4_err_mean vs Slug

Right In: 136.711+/-0.000 χ^2/NDF: 2687065030885227126291764267456659456.0/14

+ sign 100.788+/-0.000 χ^2/NDF: 439084065337808

Left Out: 75.280+/-0.000 χ^2/NDF:2715652302917152582231842338373632 00.0/11

All: 102.340+/-0.000 χ^2/NDF: 92254045368 5

Right Out: 138.179+/-0.000 χ^2/NDF: 323088335287863633464161356189846 7328.0/15

- sign 103.866+/-0.000 χ^2/NDF: 482709269231347

Left In: 79.096+/-0.000 χ^2/NDF:2439753422181147683262707808096747 52.0/10

dit_sam1_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_sam2_coil4_mean vs Slug

Right In: -50695.424+/-0.000 χ^2/NDF: 226613585253908576683077761132188355526656.0/14

Left Out: -34404.656+/-0.000 χ^2/NDF:188200072264428982560548394498558200381 44.0/11

Right Out: -51783.912+/-0.000 χ^2/NDF: 281789617729131996271154198472617478848512.0/15

Left In: -35949.660+/-0.000 χ^2/NDF:653577780615223244181583213059669963571 2.0/10

+ sign -41169.025+/-0.000 χ^2/NDF: 346153436808

All: -41884.763+/-0.000 χ^2/NDF: 733189271

- sign -42587.904+/-0.000 χ^2/NDF: 3854485377902

dit_sam2_coil4_err_mean vs Slug

Right In: 1154.331+/-0.000 χ^2/NDF: 2492704725634707032327379103946637312 00.0/14
+ sign 954.594+/-0.000 χ^2/NDF: 342415954696427
Left Out: 812.768+/-0.000 χ^2/NDF:4886915095318783431292348301574982860 8.0/11
All: 932.198+/-0.000 χ^2/NDF: 65265633909 9
Right Out: 1121.934+/-0.000 χ^2/NDF: 2261593356395673381798116440027976171 52.0/15
- sign 910.195+/-0.000 χ^2/NDF: 308686161162215
Left In: 757.349+/-0.000 χ^2/NDF:3103655749085336217336361224182851174 4.0/10

dit_sam2_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_sam3_coil4_mean vs Slug

Right In: 3117.914+/-0.000 χ^2/NDF: 1552738593335565674554918493159210090496.0/14

+ sign 3474.146+/-0.000 χ^2/NDF: 19310560227592

Left Out: 3727.095+/-0.000 χ^2/NDF:2374776785615428602928258343291857 14176.0/11

All: 3442.374+/-0.000 χ^2/NDF: 3760490456 8

Right Out: 2668.794+/-0.000 χ^2/NDF: 113640628613109859600005442213125711 4624.0/15

- sign 3411.160+/-0.000 χ^2/NDF: 18263065086829

Left In: 3947.046+/-0.000 χ^2/NDF:5696366101885905707081209513447207 7312.0/10

dit_sam3_coil4_err_mean vs Slug

Right In: 552.108+/-0.000 χ^2/NDF: 507390417411591198485239882360018698 24.0/14

+ sign 536.247+/-0.000 χ^2/NDF: 1001388645734 36

Left Out: 524.984+/-0.000 χ^2/NDF:4912061241363837008806236103609679872 0.0/11

All: 510.967+/-0.000 χ^2/NDF: 16545089304 3

Right Out: 506.345+/-0.000 χ^2/NDF: 37181653297314883501659131806010572800.0/15

- sign 486.131+/-0.000 χ^2/NDF: 633318102977421

Left In: 471.540+/-0.000 χ^2/NDF:2568088447782771591494420536636316057 6.0/10

dit_sam3_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_sam4_coil4_mean vs Slug

Right In: 43039.927+/-0.000 χ^2/NDF: 4839705292256172265266678640755217950310 4.0/14

Left Out: 41759.238+/-0.000 χ^2/NDF:2633853262952254318597401789871975458406 4.0/11

Right Out: 39269.627+/-0.000 χ^2/NDF: 5187303651775766623754571660505158516736 0.0/15

Left In: 43364.892+/-0.000 χ^2/NDF:1220969572368159224100018841495480251187 2.0/10

+ sign 42291.015+/-0.000 χ^2/NDF: 753580564952 9

All: 41966.664+/-0.000 χ^2/NDF: 146263445 5

- sign 41648.021+/-0.000 χ^2/NDF: 705794160217 9

dit_sam4_coil4_err_mean vs Slug

Right In: 813.500+/-0.000 χ^2/NDF: 671209168165482376389487875183513436 16.0/14

Left Out: 905.383+/-0.000 χ^2/NDF:1516001192972690615538787732880422338 56.0/11

Right Out: 741.911+/-0.000 χ^2/NDF: 4407413439721540923560474643267164 5696.0/15

Left In: 829.715+/-0.000 χ^2/NDF:9607783607162304834174951226091765 7600.0/10

+ sign 867.231+/-0.000 χ^2/NDF: 2219250858241 92

All: 829.738+/-0.000 χ^2/NDF: 3694191334 03

- sign 792.905+/-0.000 χ^2/NDF: 1431384508352 51

dit_sam4_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_sam5_coil4_mean vs Slug

Right In: 23411.506+/-0.000 χ^2/NDF: 284274574717803193528857465713157084282 88.0/14

Left Out: 26089.435+/-0.000 χ^2/NDF:7297474697325231234633060364075485102080.0/11

Right Out: 20894.122+/-0.000 χ^2/NDF: 274089658045786491070029094099872183746 56.0/15

Left In: 27407.255+/-0.000 χ^2/NDF:3322659858866093858426557456838465421312.0/10

+ sign 24977.486+/-0.000 χ^2/NDF: 384465667924

All: 24825.775+/-0.000 χ^2/NDF: 856821548 9

- sign 24676.734+/-0.000 χ^2/NDF: 4716427212055

dit_sam5_coil4_err_mean vs Slug

Right In: 198.056+/-0.000 χ^2/NDF: 2482928792293864415922382990034862080.0/14

Left Out: 193.084+/-0.000 χ^2/NDF:1682749705439949881122511912389574656.0/11

Right Out: 170.851+/-0.000 χ^2/NDF: 1418314816915016425155520631536615424.0/15

Left In: 181.711+/-0.000 χ^2/NDF:1228549704796737698218369408017891328.0/10

+ sign 195.148+/-0.000 χ^2/NDF: 417506015542371

All: 186.074+/-0.000 χ^2/NDF: 71227710861

- sign 177.159+/-0.000 χ^2/NDF: 269255092186089

dit_sam5_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_sam6_coil4_mean vs Slug

Right In: 15125.834+/-0.000 χ^2/NDF: 16615438767664069151744668380763246297088.0/14

+ sign 18170.879+/-0.000 χ^2/NDF: 3176208714015

Left Out: 20333.061+/-0.000 χ^2/NDF:485594922577694276322685394036905423667 2.0/11

All: 18207.738+/-0.000 χ^2/NDF: 7582607940

Right Out: 13482.244+/-0.000 χ^2/NDF: 15910426475407825250252248749810022088704.0/15

- sign 18243.949+/-0.000 χ^2/NDF: 4405978256455

Left In: 21681.241+/-0.000 χ^2/NDF:2108874573649202621711530332866310307840.0/10

dit_sam6_coil4_err_mean vs Slug

Right In: 232.312+/-0.000 χ^2/NDF: 5478184144885833956204804001180418048.0/14

+ sign 265.986+/-0.000 χ^2/NDF: 993907240808893

Left Out: 289.897+/-0.000 χ^2/NDF:3202390993231935504147250998086205440.0/11

All: 258.948+/-0.000 χ^2/NDF: 212946744199

Right Out: 204.637+/-0.000 χ^2/NDF: 4555067046835230017930882867882098688.0/15

- sign 252.033+/-0.000 χ^2/NDF: 112020972383493

Left In: 286.246+/-0.000 χ^2/NDF:4067110443230234744644750983181631488.0/10

dit_sam6_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_sam7_coil4_mean vs Slug

Right In: -1264.303+/-0.000 χ^2/NDF: 1402152515385026575491739945439319818 24.0/14
+ sign -1269.922+/-0.000 χ^2/NDF: 1907675135798
Left Out: -1273.912+/-0.000 χ^2/NDF:5051721948733248265912197237271900979 2.0/11
All: -1296.664+/-0.000 χ^2/NDF: 3455789240
Right Out: -1198.483+/-0.000 χ^2/NDF: 1311647638980167935154922176961671331 84.0/15
- sign -1322.935+/-0.000 χ^2/NDF: 1525955901709
Left In: -1412.771+/-0.000 χ^2/NDF:3642959557366432228461510163957809152.0/10

dit_sam7_coil4_err_mean vs Slug

Right In: 171.323+/-0.000 χ^2/NDF: 612097507518730550979514306499339878 4.0/14

Left Out: 165.917+/-0.000 χ^2/NDF:2574923375517186479088669940447707136.0/11

Right Out: 155.993+/-0.000 χ^2/NDF: 5680659281504595852021524727244783616.0/15

Left In: 158.834+/-0.000 χ^2/NDF:1853310895668256586520412981739651072.0/10

+ sign 168.162+/-0.000 χ^2/NDF: 870698624432880

All: 162.856+/-0.000 χ^2/NDF: 16331319503

- sign 157.643+/-0.000 χ^2/NDF: 753709484799884

dit_sam7_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_sam8_coil4_mean vs Slug

Right In: 907.442+/-0.000 χ^2/NDF: 2107238007691848638499662178406566461440.0/14
+ sign 1040.809+/-0.000 χ^2/NDF: 2217433289487
Left Out: 1135.509+/-0.000 χ^2/NDF:904547617734895917934786780746093690 88.0/11
All: 996.658+/-0.000 χ^2/NDF: 46005561681
Right Out: 500.689+/-0.000 χ^2/NDF: 2074232918749953174436803426379074895872.0/15
- sign 953.284+/-0.000 χ^2/NDF: 237708288217536
Left In: 1279.995+/-0.000 χ^2/NDF:675923047038840320285592394487824384 00.0/10

dit_sam8_coil4_err_mean vs Slug

Right In: 116.159+/-0.000 χ^2/NDF: 1198526427485199785396504127288115200.0/14

Left Out: 133.695+/-0.000 χ^2/NDF:2332238004384262852879386446827356160.0/11

Right Out: 104.501+/-0.000 χ^2/NDF: 1285986383644058507445602420764180480.0/15

Left In: 130.237+/-0.000 χ^2/NDF:1968814259217478663576054483231178752.0/10

+ sign 126.414+/-0.000 χ^2/NDF: 364747445092715

All: 122.900+/-0.000 χ^2/NDF: 719711638238

- sign 119.447+/-0.000 χ^2/NDF: 351137486927292

dit_sam8_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_4aX_coil6_mean vs Slug

Right In: 2.123+/-0.000 χ^2/NDF: 526370592282107597102201384940339 2.0/14

Left Out: 2.975+/-0.000 χ^2/NDF:1653073452461549310648226194391040.0/11

Right Out: 2.142+/-0.000 χ^2/NDF: 2472949940993672466161692257026048.0/15

Left In: 3.450+/-0.000 χ^2/NDF:1551935058842125730993767819771904.0/10

+ sign 2.621+/-0.000 χ^2/NDF: 7192610969837378 0

All: 2.763+/-0.000 χ^2/NDF: 1194273758480 9

- sign 2.902+/-0.000 χ^2/NDF: 4688165314334650 8

dit_4aX_coil6_err_mean vs Slug

Right In: 4.495+/-0.000 χ^2/NDF: 2527024221981606153232919863440179 2.0/14

+ sign 2.673+/-0.000 χ^2/NDF: 2910543680814668 3

Left Out: 1.379+/-0.000 χ^2/NDF:1503843295012242268496560851517 44.0/11

All: 2.573+/-0.000 χ^2/NDF: 4393857611244 7

Right Out: 3.852+/-0.000 χ^2/NDF: 1231497147655680655051884763860172 8.0/15

- sign 2.476+/-0.000 χ^2/NDF: 1480240591264191 0

Left In: 1.482+/-0.000 χ^2/NDF:3103377104757794957745094058311 68.0/10

dit_4aX_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

dit_4eX_coil6_mean vs Slug

Right In: 1.480+/-0.000 χ^2/NDF: 579967069590278445905576798768332 8.0/14

Left Out: 2.298+/-0.000 χ^2/NDF:2079870991739780462593334803693568.0/11

Right Out: 1.480+/-0.000 χ^2/NDF: 4092645800613765572662987820367872.0/15

Left In: 2.816+/-0.000 χ^2/NDF:2230790234579581781884760219451392.0/10

+ sign 1.958+/-0.000 χ^2/NDF: 8133477300118297 9

All: 2.109+/-0.000 χ^2/NDF: 1521837937026 1

- sign 2.256+/-0.000 χ^2/NDF: 7014944063307818 4

dit_4eX_coil6_err_mean vs Slug

Right In: 4.424+/-0.000 χ^2/NDF: 28257459272876210608839830473277440.0/14

+ sign 2.592+/-0.000 χ^2/NDF: 3210351611997735

Left Out: 1.291+/-0.000 χ^2/NDF:11920172561845219091749032427520 0.0/11

All: 2.479+/-0.000 χ^2/NDF: 4850101738154

Right Out: 3.727+/-0.000 χ^2/NDF: 13991816814749842519794284853460992.0/15

- sign 2.368+/-0.000 χ^2/NDF: 16358007863357496

Left In: 1.387+/-0.000 χ^2/NDF:24538120591373436894782956136038 4.0/10

dit_4eX_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

dit_11X12X_coil6_mean vs Slug

Right In: 4.785+/-0.000 χ^2/NDF: 39965560731547797118081594703216 64.0/14

Left Out: 5.542+/-0.000 χ^2/NDF:1063589592141187742244511087067136.0/11

Right Out: 4.598+/-0.000 χ^2/NDF: 989607156792948633247632779640832.0/15

Left In: 5.441+/-0.000 χ^2/NDF:969147874620390855399339032838144.0/10

+ sign 5.228+/-0.000 χ^2/NDF: 5277527853709316 6

All: 5.157+/-0.000 χ^2/NDF: 7526752383180 7

- sign 5.088+/-0.000 χ^2/NDF: 2233771395337481 5

dit_11X12X_coil6_err_mean vs Slug

Right In: 5.366+/-0.000 χ^2/NDF: 1878072472206349709615300930122547 2.0/14

+ sign 3.549+/-0.000 χ^2/NDF: 2284032483018928 6

Left Out: 2.259+/-0.000 χ^2/NDF:39539961495195911612782151624294 4.0/11

All: 3.490+/-0.000 χ^2/NDF: 4229693907768 0

Right Out: 5.192+/-0.000 χ^2/NDF: 1574957375494534575443243695289139 2.0/15

- sign 3.432+/-0.000 χ^2/NDF: 1944582992061895 7

Left In: 2.162+/-0.000 χ^2/NDF:1383679388391032485467510496296 96.0/10

dit_11X12X_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

dit_4aY_coil6_mean vs Slug

Right In: 22.385+/-0.000 χ^2/NDF: 192226086002359263779409418332300902 4.0/14

Left Out: 38.806+/-0.000 χ^2/NDF:516499052921885882041725317661327 36.0/11

Right Out: 18.907+/-0.000 χ^2/NDF: 218222180840815629359399399257783 7824.0/15

Left In: 42.386+/-0.000 χ^2/NDF:265556601285629865530169274862141 44.0/10

+ sign 31.987+/-0.000 χ^2/NDF: 2076251683338392

All: 32.268+/-0.000 χ^2/NDF: 4498818256205

- sign 32.543+/-0.000 χ^2/NDF: 2422323075583124

dit_4aY_coil6_err_mean vs Slug

Right In: 1.384+/-0.000 χ^2/NDF: 157115932410206412048794093669580 8.0/14

Left Out: 0.412+/-0.000 χ^2/NDF:938241427547201867498346722099 2.0/11

Right Out: 1.142+/-0.000 χ^2/NDF: 810680738285448955223066212827136.0/15

Left In: 0.389+/-0.000 χ^2/NDF:446811213011264064139415466803 2.0/10

+ sign 0.816+/-0.000 χ^2/NDF: 1938989534103537 8

All: 0.760+/-0.000 χ^2/NDF: 2983619505756 6

- sign 0.704+/-0.000 χ^2/NDF: 1034872597888586 5

dit_4aY_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682 34752.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 13634656733460
Left In: 1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

dit_4eY_coil6_mean vs Slug

Right In: -19.175+/-0.000 χ^2/NDF: 1246364705689764961102868160463241216.0/14

+ sign -19.930+/-0.000 χ^2/NDF: 130562508565939

Left Out: -20.466+/-0.000 χ^2/NDF:5862838192367345729443358951289651 2.0/11

All: -19.782+/-0.000 χ^2/NDF: 284511592850

Right Out: -18.479+/-0.000 χ^2/NDF: 1489398115046175180640331393369374720.0/15

- sign -19.637+/-0.000 χ^2/NDF: 1539423306551337

Left In: -20.473+/-0.000 χ^2/NDF:4848495336334982011034847893730099 2.0/10

dit_4eY_coil6_err_mean vs Slug

Right In: 1.274+/-0.000 χ^2/NDF: 1212041476631073599154045304438784.0/14

Left Out: 0.384+/-0.000 χ^2/NDF:58223220290785982682601294397 44.0/11

Right Out: 1.052+/-0.000 χ^2/NDF: 607316121057753919194559126962176.0/15

Left In: 0.369+/-0.000 χ^2/NDF:41663506388481386767078161 12128.0/10

+ sign 0.754+/-0.000 χ^2/NDF: 1518228086882446 8

All: 0.704+/-0.000 χ^2/NDF: 2317786361226 1

- sign 0.655+/-0.000 χ^2/NDF: 7919391626882888 1

dit_4eY_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

dit_usl_coil6_mean vs Slug

Right In: -697.283+/-0.000 χ^2/NDF: 490435790698133828475769692944364208128.0/14
+ sign -899.630+/-0.000 χ^2/NDF: 57326318903301
Left Out: -1054.675+/-0.000 χ^2/NDF:358934145617512898310280045358051491 84.0/10
All: -948.643+/-0.000 χ^2/NDF: 17048438468
Right Out: -853.734+/-0.000 χ^2/NDF: 107837902012641231715593227515620176 6912.0/15
- sign -994.729+/-0.000 χ^2/NDF: 112460764695899
Left In: -1096.508+/-0.000 χ^2/NDF:233970924640850923750080146745579 27424.0/10

dit_usl_coil6_err_mean vs Slug

Right In: 329.108+/-0.000 χ^2/NDF: 116863820700538623524207945698672377856.0/14

+ sign 220.348+/-0.000 χ^2/NDF: 131437286987264

Left Out: 137.012+/-0.000 χ^2/NDF:101436281743819413270965517262258176 0.0/10

All: 219.782+/-0.000 χ^2/NDF: 233310972456

Right Out: 326.695+/-0.000 χ^2/NDF: 875691233543180206886110284151510794 24.0/15

- sign 219.249+/-0.000 χ^2/NDF: 101872754009430

Left In: 141.688+/-0.000 χ^2/NDF:104488240805784919408142413060059955 2.0/10

dit_usl_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1101.625+/-0.000 χ^2/NDF: 9305398859829 5
Left Out: 1169.420+/-0.000 χ^2/NDF:5235905852848421215297581793055395 0208.0/10
All: 1114.283+/-0.000 χ^2/NDF: 2298656455 5
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

dit_usr_coil6_mean vs Slug

Right In: -444.512+/-0.000 χ^2/NDF: 3964819035015937030665358512299536547 84.0/14
+ sign -523.316+/-0.000 χ^2/NDF: 43595864947593
Left Out: -579.272+/-0.000 χ^2/NDF:3258458152452886094159559740704266649 6.0/11
All: -503.795+/-0.000 χ^2/NDF: 10158993354
Right Out: -406.729+/-0.000 χ^2/NDF: 5291224218667748100129417822391291084 80.0/15
- sign -484.617+/-0.000 χ^2/NDF: 57875992713105
Left In: -540.842+/-0.000 χ^2/NDF:4267019331749781791103036746636669747 2.0/10

dit_usr_coil6_err_mean vs Slug

Right In: 442.162+/-0.000 χ^2/NDF: 204015999343694089140945697316947361792.0/14

+ sign 262.286+/-0.000 χ^2/NDF: 241048188566854

Left Out: 134.562+/-0.000 χ^2/NDF:112312226540328749702431763383451648 0.0/11

All: 253.162+/-0.000 χ^2/NDF: 37398353308

Right Out: 394.033+/-0.000 χ^2/NDF: 105882611624182009489804426207740035072.0/15

- sign 244.199+/-0.000 χ^2/NDF: 132677424429000

Left In: 136.040+/-0.000 χ^2/NDF:101109306147965052726112745049554 9440.0/10

dit_usr_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

dit_atl1_coil6_mean vs Slug

Right In: 1729.013+/-0.000 χ^2/NDF: 641312129727334740807562411650796486656 0.0/14
+ sign 1058.360+/-0.000 χ^2/NDF: 69823808255157
Left Out: 582.152+/-0.000 χ^2/NDF:700837726478314861257329897688017141 76.0/11
All: 1019.669+/-0.000 χ^2/NDF: 1362193289 5
Right Out: 1360.914+/-0.000 χ^2/NDF: 643160593314886341303841785018650617 4464.0/15
- sign 981.659+/-0.000 χ^2/NDF: 663491357929352
Left In: 707.889+/-0.000 χ^2/NDF:381164861888179806990324260024321310 72.0/10

dit_atl1_coil6_err_mean vs Slug

Right In: 617.343+/-0.000 χ^2/NDF: 7923660129859541983453177502687559680 00.0/14
+ sign 331.972+/-0.000 χ^2/NDF: 883734584018434
Left Out: 129.339+/-0.000 χ^2/NDF:98727129875870321248937043989993881 6.0/11
All: 453.895+/-0.000 χ^2/NDF: 45265690321 2
Right Out: 1184.322+/-0.000 χ^2/NDF: 3167423043121242666563535820496559931392.0/15
- sign 573.673+/-0.000 χ^2/NDF: 359677429953367
Left In: 132.869+/-0.000 χ^2/NDF:109183908566401411220146315571127910 4.0/10

dit_atl1_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682 34752.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

dit_atl2_coil6_mean vs Slug

Right In: -4107.443+/-0.000 χ^2/NDF: 1452743632498203145427778083121181963059 2.0/14

Left Out: -6398.906+/-0.000 χ^2/NDF:4560292812943761149136938286094472970240.0/11

Right Out: -4072.120+/-0.000 χ^2/NDF: 2036717142369016809577885467876492994150 4.0/15

Left In: -6994.812+/-0.000 χ^2/NDF:1231738289385705389055875270097690951680.0/10

+ sign -5447.429+/-0.000 χ^2/NDF: 2108050211497

All: -5609.905+/-0.000 χ^2/NDF: 4607018672

- sign -5769.523+/-0.000 χ^2/NDF: 2490788852952 8

dit_atl2_coil6_err_mean vs Slug

Right In: 1343.321+/-0.000 χ^2/NDF: 1317478352429773686550511077330771771392.0/14

+ sign 958.532+/-0.000 χ^2/NDF: 152813586967555

Left Out: 685.307+/-0.000 χ^2/NDF:46333249080985813233742212153458294784.0/11

All: 956.706+/-0.000 χ^2/NDF: 299793196976

Right Out: 1291.796+/-0.000 χ^2/NDF: 13235689170088729779059600115869910302 72.0/15

- sign 954.911+/-0.000 χ^2/NDF: 146978575897924

Left In: 711.726+/-0.000 χ^2/NDF:158734199795832073070684292470171238 40.0/10

dit_atl2_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

dit_atr1_coil6_mean vs Slug

Right In: 582.390+/-0.000 χ^2/NDF: 338796567623032040072791996460490031104.0/14

+ sign 595.655+/-0.000 χ^2/NDF: 406904373797989

Left Out: 605.074+/-0.000 χ^2/NDF:679125152454461967299371308827059159 04.0/11

All: 531.737+/-0.000 χ^2/NDF: 27161550392 5

Right Out: 191.587+/-0.000 χ^2/NDF: 216876212055234622341674300502071626 9568.0/15

- sign 468.943+/-0.000 χ^2/NDF: 229659160910176

Left In: 669.155+/-0.000 χ^2/NDF:394811952405636172538422305226164797 44.0/10

dit_atr1_coil6_err_mean vs Slug

Right In: 542.328+/-0.000 χ^2/NDF: 414378812003795549649034048462817067008.0/14

+ sign 308.422+/-0.000 χ^2/NDF: 475799684039922

Left Out: 142.333+/-0.000 χ^2/NDF:699754234994212847043453967042347008.0/11

All: 375.901+/-0.000 χ^2/NDF: 325877888055

Right Out: 853.203+/-0.000 χ^2/NDF: 257407638144104678777244913713391704 4736.0/15

- sign 442.194+/-0.000 χ^2/NDF: 276887014570090

Left In: 145.502+/-0.000 χ^2/NDF:782066035610550272928661281894825984.0/10

dit_atr1_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

dit_atr2_coil6_mean vs Slug

Right In: -4568.297+/-0.000 χ^2/NDF: 2419505214816571954071311092197775690956 8.0/14
+ sign -5167.140+/-0.000 χ^2/NDF: 2609556026190
Left Out: -5592.357+/-0.000 χ^2/NDF:1502507998590915650067934753088681803776.0/11
All: -5087.057+/-0.000 χ^2/NDF: 5916065819
Right Out: -4170.773+/-0.000 χ^2/NDF: 3096724883218791204111390955948110302 4128.0/15
- sign -5008.384+/-0.000 χ^2/NDF: 3304522674427 4
Left In: -5613.024+/-0.000 χ^2/NDF:1272210659936261957248133173503170969600.0/10

dit_atr2_coil6_err_mean vs Slug

Right In: 1556.763+/-0.000 χ^2/NDF: 1139364239218600567191855131756930793472.0/14
+ sign 1022.208+/-0.000 χ^2/NDF: 14864291079277
Left Out: 642.639+/-0.000 χ^2/NDF:2993134603013431608081893749007633612 8.0/11
All: 1164.597+/-0.000 χ^2/NDF: 1154109459 3
Right Out: 2232.520+/-0.000 χ^2/NDF: 899039572553393013487859556970694233292 8.0/15
- sign 1304.479+/-0.000 χ^2/NDF: 99918451960380
Left In: 634.562+/-0.000 χ^2/NDF:1230844280940303119066955631464284160 0.0/10

dit_atr2_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682 34752.0/15

Left In: 1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1

All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3

- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0

dit_sam1_coil6_mean vs Slug

Right In: -337.865+/-0.000 χ^2/NDF: 1515251593300707989166109794076208188620 8.0/14
+ sign -1405.071+/-0.000 χ^2/NDF: 1654286779746
Left Out: -2162.857+/-0.000 χ^2/NDF:1263322752329302576384826203917590200 32.0/11
All: -1409.541+/-0.000 χ^2/NDF: 3496770485
Right Out: -131.545+/-0.000 χ^2/NDF: 1647321765107887797637742441995690206 8224.0/15
- sign -1413.933+/-0.000 χ^2/NDF: 1842477513816 0
Left In: -2339.639+/-0.000 χ^2/NDF:6286014424745695754381090628418142208 0.0/10

dit_sam1_coil6_err_mean vs Slug

Right In: 113.134+/-0.000 χ^2/NDF: 9989638354332004017458192433874468864.0/14

+ sign 61.715+/-0.000 χ^2/NDF: 1295926094815427

Left Out: 25.204+/-0.000 χ^2/NDF:3534099872996691286313832039212646 4.0/11

All: 59.198+/-0.000 χ^2/NDF: 205436551836 9

Right Out: 98.833+/-0.000 χ^2/NDF: 5510365308590426333953610701260980224.0/15

- sign 56.726+/-0.000 χ^2/NDF: 7564771732797838

Left In: 26.331+/-0.000 χ^2/NDF:1814287340881457348195075804364 8000.0/10

dit_sam1_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

dit_sam2_coil6_mean vs Slug

Right In: 6175.493+/-0.000 χ^2/NDF: 1172608771629212239674783490507084524421 12.0/14
+ sign 5153.665+/-0.000 χ^2/NDF: 12131982747999
Left Out: 4428.101+/-0.000 χ^2/NDF:2900138976874387724183278190835470958592.0/11
All: 5084.951+/-0.000 χ^2/NDF: 2621808005 2
Right Out: 5996.727+/-0.000 χ^2/NDF: 1370577107850251365434077101079163568 12800.0/15
- sign 5017.446+/-0.000 χ^2/NDF: 14084634301440
Left In: 4310.541+/-0.000 χ^2/NDF:2687248811790643780000086030830396243968.0/10

dit_sam2_coil6_err_mean vs Slug

Right In: 1186.846+/-0.000 χ^2/NDF: 1796463312802023303623210264680353234944.0/14

+ sign 643.246+/-0.000 χ^2/NDF: 212720083388662

Left Out: 257.255+/-0.000 χ^2/NDF:278125360146566915786368724948431667 2.0/11

All: 612.442+/-0.000 χ^2/NDF: 328051716192

Right Out: 1016.732+/-0.000 χ^2/NDF: 927646003466094249558391691024825057280.0/15

- sign 582.179+/-0.000 χ^2/NDF: 115037612749111

Left In: 268.493+/-0.000 χ^2/NDF:585573497570654782355660796638684774 4.0/10

dit_sam2_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

dit_sam3_coil6_mean vs Slug

Right In: -643.217+/-0.000 χ^2/NDF: 272726964608206694027285159784925364224.0/14
+ sign -932.996+/-0.000 χ^2/NDF: 43692805722802
Left Out: -1138.759+/-0.000 χ^2/NDF:710061859534242542705907917181702635 52.0/11
All: -939.440+/-0.000 χ^2/NDF: 8260825249 9
Right Out: -597.043+/-0.000 χ^2/NDF: 2107333707980314493635040043190053 76512.0/15
- sign -945.770+/-0.000 χ^2/NDF: 38902582155876 0
Left In: -1197.503+/-0.000 χ^2/NDF:3862472221415609611027105702390666 36288.0/10

dit_sam3_coil6_err_mean vs Slug

Right In: 575.526+/-0.000 χ^2/NDF: 432680039285849719493276471277131923456.0/14

Left Out: 166.360+/-0.000 χ^2/NDF:305271620929540504980712909554319360 0.0/11

Right Out: 470.716+/-0.000 χ^2/NDF: 209310604291868219806073768764512403456.0/15

Left In: 170.082+/-0.000 χ^2/NDF:485116535847865018698307963773465395 2.0/10

+ sign 336.257+/-0.000 χ^2/NDF: 499270475269907

All: 316.009+/-0.000 χ^2/NDF: 749713374727

- sign 296.118+/-0.000 χ^2/NDF: 249172631287531

dit_sam3_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11

Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1

All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3

- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0

dit_sam4_coil6_mean vs Slug

Right In: -4565.412+/-0.000 χ^2/NDF: 3566776824743228998489904272515548787507 2.0/14

Left Out: -6634.457+/-0.000 χ^2/NDF:3640150880403299784339543756995645407232.0/11

Right Out: -4156.859+/-0.000 χ^2/NDF: 4553945544165992715770844309993068219 5968.0/15

Left In: -6631.377+/-0.000 χ^2/NDF:2831140540306304869921468245145345327104.0/10

+ sign -5775.333+/-0.000 χ^2/NDF: 4093261338391

All: -5683.850+/-0.000 χ^2/NDF: 9170111031

- sign -5593.977+/-0.000 χ^2/NDF: 5074256509623 8

dit_sam4_coil6_err_mean vs Slug

Right In: 775.824+/-0.000 χ^2/NDF: 641856726975740612716432458612629045248.0/14

Left Out: 288.226+/-0.000 χ^2/NDF:1060734921843509529640037672872522547 2.0/11

Right Out: 627.315+/-0.000 χ^2/NDF: 297517676171111924966086193860621369344.0/15

Left In: 296.514+/-0.000 χ^2/NDF:170618790220164840642952102284445614 08.0/10

+ sign 490.690+/-0.000 χ^2/NDF: 74269533494512 1

All: 462.697+/-0.000 χ^2/NDF: 11020925146 8

- sign 435.197+/-0.000 χ^2/NDF: 356969187717050

dit_sam4_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

dit_sam5_coil6_mean vs Slug

Right In: -64.751+/-0.000 χ^2/NDF: 96142234488518141916838173499895589109 76.0/14
+ sign -698.812+/-0.000 χ^2/NDF: 11037797160174
Left Out: -1149.036+/-0.000 χ^2/NDF:97738428125152786279715726571691258675 2.0/11
All: -654.674+/-0.000 χ^2/NDF: 2608129590 6
Right Out: -57.229+/-0.000 χ^2/NDF: 137809589770087023019425054543871779799 04.0/15
- sign -611.312+/-0.000 χ^2/NDF: 150374623927280
Left In: -1011.284+/-0.000 χ^2/NDF:90390940842187417173900154315979567923 2.0/10

dit_sam5_coil6_err_mean vs Slug

Right In: 121.228+/-0.000 χ^2/NDF: 2723170857684362574800637594861305856.0/14

+ sign 85.563+/-0.000 χ^2/NDF: 435992167216224

Left Out: 60.239+/-0.000 χ^2/NDF:2251025544910328695487978455003299 84.0/11

All: 81.126+/-0.000 χ^2/NDF: 734136660562

Right Out: 102.749+/-0.000 χ^2/NDF: 196766802484601033365442767055591 8336.0/15

- sign 76.766+/-0.000 χ^2/NDF: 292042974501347 5

Left In: 58.011+/-0.000 χ^2/NDF:1774277017865404387576550272144506 88.0/10

dit_sam5_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11

Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1

All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3

- sign 1126.185+/-0.000 χ^2/NDF: 13634656733460

dit_sam6_coil6_mean vs Slug

Right In: 199.503+/-0.000 χ^2/NDF: 326815974592353382504518166487684979097 6.0/14
+ sign -581.144+/-0.000 χ^2/NDF: 45992004244900
Left Out: -1135.455+/-0.000 χ^2/NDF:654697592596579349133010058178925166592.0/11
All: -570.315+/-0.000 χ^2/NDF: 1149056147 6
Right Out: 160.512+/-0.000 χ^2/NDF: 568057670946119790152672970370625149 3376.0/15
- sign -559.678+/-0.000 χ^2/NDF: 68909977403524 0
Left In: -1079.555+/-0.000 χ^2/NDF:614734398575877452858032752710912049152.0/10

dit_sam6_coil6_err_mean vs Slug

Right In: 143.764+/-0.000 χ^2/NDF: 451478586956577784990050859182194688 0.0/14

+ sign 112.840+/-0.000 χ^2/NDF: 590235067464096

Left Out: 90.882+/-0.000 χ^2/NDF:326242734851411629220497356388040704.0/11

All: 112.691+/-0.000 χ^2/NDF: 10147510778 3

Right Out: 132.341+/-0.000 χ^2/NDF: 317408790879624528768235991428235 2640.0/15

- sign 112.546+/-0.000 χ^2/NDF: 424509210993955

Left In: 98.257+/-0.000 χ^2/NDF:620993776773093393033369428470792192.0/10

dit_sam6_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 13634656733460
Left Out: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

dit_sam7_coil6_mean vs Slug

Right In: 285.856+/-0.000 χ^2/NDF: 2410824480235553006466331130108628172 8.0/14

Left Out: 476.795+/-0.000 χ^2/NDF:1269599482428800046590619093459743539 2.0/11

Right Out: 272.539+/-0.000 χ^2/NDF: 4414995266507559365033871333357571276 8.0/15

Left In: 488.203+/-0.000 χ^2/NDF:1382883198035888365328943239197307699 2.0/10

+ sign 397.512+/-0.000 χ^2/NDF: 506405806110630

All: 397.652+/-0.000 χ^2/NDF: 12663659867 3

- sign 397.790+/-0.000 χ^2/NDF: 759959573910775

dit_sam7_coil6_err_mean vs Slug

Right In: 173.871+/-0.000 χ^2/NDF: 41705473404466232613073704554990665728.0/14

+ sign 102.988+/-0.000 χ^2/NDF: 474219136417657

Left Out: 52.656+/-0.000 χ^2/NDF:1401594233858879766920661675414650 88.0/11

All: 97.830+/-0.000 χ^2/NDF: 7349556913199

Right Out: 145.228+/-0.000 χ^2/NDF: 22529615719408594720785265744437837824.0/15

- sign 92.763+/-0.000 χ^2/NDF: 2599123168114386

Left In: 54.891+/-0.000 χ^2/NDF:300358274506113612486338175884591104.0/10

dit_sam7_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

dit_sam8_coil6_mean vs Slug

Right In: -2131.905+/-0.000 χ^2/NDF: 7224333845704950711314506619836705013 76.0/14

Left Out: -3083.729+/-0.000 χ^2/NDF:1783226778566638241493092060688600268 80.0/11

Right Out: -1888.448+/-0.000 χ^2/NDF: 7919866655519806910327198626117698191 36.0/15

Left In: -3269.755+/-0.000 χ^2/NDF:3809809618039106243109217623978121625 6.0/10

+ sign -2688.506+/-0.000 χ^2/NDF: 1244586997830

All: -2689.595+/-0.000 χ^2/NDF: 2813784024

- sign -2690.665+/-0.000 χ^2/NDF: 1569193348626 8

dit_sam8_coil6_err_mean vs Slug

Right In: 100.135+/-0.000 χ^2/NDF: 7813910768784473081480373577053110272.0/14

+ sign 67.306+/-0.000 χ^2/NDF: 9154119203552440

Left Out: 43.994+/-0.000 χ^2/NDF:1440388770879811948064706780022702 08.0/11

All: 63.832+/-0.000 χ^2/NDF: 1341063315555

Right Out: 78.881+/-0.000 χ^2/NDF: 3525129078433901202304301512966275072.0/15

- sign 60.419+/-0.000 χ^2/NDF: 4219125097072467

Left In: 47.092+/-0.000 χ^2/NDF:3025501560868665348054471174028 00128.0/10

dit_sam8_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

dit_run_mean vs Slug

Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 7173.692+/-0.113 χ^2/NDF:2531182.8/22

Right Out: 5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: 7071.344+/-0.109 χ^2/NDF:2599738.9/20

+ sign 6784.909+/-0.096 χ^2/NDF: 47324914.4/37

All: 6689.198+/-0.064 χ^2/NDF: 98513740.4/7

- sign 6611.762+/-0.086 χ^2/NDF: 49376979.2/36

dit_run_rms vs Slug

Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 7173.692+/-0.113 χ^2/NDF:2531182.8/22

Right Out: 5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: 7071.344+/-0.109 χ^2/NDF:2599738.9/20

+ sign 6784.909+/-0.096 χ^2/NDF: 47324914.4/37

All: 6689.198+/-0.064 χ^2/NDF: 98513740.4/7

- sign 6611.762+/-0.086 χ^2/NDF: 49376979.2/36

dit_slug_slope vs Slug

Right In: 114.980+/-0.000 χ^2/NDF: 112344936246012934714934440230912.0/16

Left Out: 158.516+/-0.000 χ^2/NDF:811321888907852639489487672442 88.0/22

Right Out: 120.186+/-0.000 χ^2/NDF: 52233253644261695528198041763840.0/18

Left In: 161.889+/-0.000 χ^2/NDF:156629079538962710708190319738880.0/20

+ sign 131.044+/-0.000 χ^2/NDF: 12254929893031 2

All: 136.768+/-0.000 χ^2/NDF: 2545696792 83

- sign 142.825+/-0.000 χ^2/NDF: 116252487495802

dit_cyclenum_mean vs Slug

Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 8220.011+/-0.451 χ^2/NDF:1307561.6/22

Right Out: 5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: 8005.430+/-0.428 χ^2/NDF:1779702.2/20

+ sign 7602.770+/-0.406 χ^2/NDF: 11649793.3/37

All: 7346.290+/-0.269 χ^2/NDF: 28106506.8/7

- sign 7144.832+/-0.360 χ^2/NDF: 15745224.1/36

dit_cyclenum_rms vs Slug

Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 8220.011+/-0.451 χ^2/NDF:1307561.6/22

Right Out: 5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: 8005.430+/-0.428 χ^2/NDF:1779702.2/20

+ sign 7602.770+/-0.406 χ^2/NDF: 11649793.3/37

All: 7346.290+/-0.269 χ^2/NDF: 28106506.8/7

- sign 7144.832+/-0.360 χ^2/NDF: 15745224.1/36

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: 1.000+/-0.000 χ^2/NDF:1596.8/22

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: 1.000+/-0.000 χ^2/NDF:513.8/20

+ sign 1.000+/-0.000 χ^2/NDF: 567.7/37

All: 1.000+/-0.000 χ^2/NDF: 1287.4/74

- sign 1.000+/-0.000 χ^2/NDF: 782.7/36

dit_flag_rms vs Slug

Right In: 1.000+/-0.000 χ^2/NDF: 95.9/14

Left Out: 1.000+/-0.000 χ^2/NDF:1596.8/22

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: 1.000+/-0.000 χ^2/NDF:513.8/20

+ sign 1.000+/-0.000 χ^2/NDF: 567.7/37

All: 1.000+/-0.000 χ^2/NDF: 1287.4/74

- sign 1.000+/-0.000 χ^2/NDF: 782.7/36

dit_segment_slope vs Slug

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

Left Out: 1.000+/-0.000 χ^2/NDF:6984.7/18

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

Left In: 1.000+/-0.000 χ^2/NDF:9899.0/18

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1.000+/-0.000 χ^2/NDF: 9934.3/37

- 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: -7.744+/-0.071 χ^2/NDF:3153.5/22

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

Left In: -6.810+/-0.074 χ^2/NDF:2685.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -7.296+/-0.051 χ^2/NDF: 5922.9/43

- 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: -52.331+/-0.057 χ^2/NDF:2476.1/22

Right Out: -57.736+/-0.143 χ^2/NDF: 4698.4/18

Left In: -52.366+/-0.060 χ^2/NDF:2859.2/20

+ sign -53.061+/-0.053 χ^2/NDF: 7109.1/39

All: -53.110+/-0.038 χ^2/NDF: 15868.9/79

- sign -53.164+/-0.055 χ^2/NDF: 8758.0/39

reg_asym_sam1_diff_bpm4eX_slope vs Slug

Right In: 3.168+/-0.258 χ^2/NDF: 186.2/16

Left Out: -6.071+/-0.071 χ^2/NDF:3626.8/22

Right Out: 3.726+/-0.267 χ^2/NDF: 323.3/18

Left In: -7.136+/-0.073 χ^2/NDF:2554.1/20

+ sign -5.425+/-0.068 χ^2/NDF: 5008.2/39

All: -5.885+/-0.049 χ^2/NDF: 9518.8/79

- sign -6.379+/-0.071 χ^2/NDF: 4416.0/39

reg_asym_sam1_diff_bpm4eY_slope vs Slug

Right In: 10.306+/-0.157 χ^2/NDF: 3712.3/16

Left Out: 10.953+/-0.064 χ^2/NDF:2607.7/22

Right Out: 10.433+/-0.160 χ^2/NDF: 3828.5/18

Left In: 10.822+/-0.066 χ^2/NDF:3460.9/20

+ sign 10.862+/-0.059 χ^2/NDF: 6334.6/39

All: 10.815+/-0.042 χ^2/NDF: 13630.4/79

- sign 10.765+/-0.061 χ^2/NDF: 7294.5/39

reg_asym_sam1_diff_bpm12X_slope vs Slug

Right In: 0.303+/-0.008 χ^2/NDF: 646.6/16

Left Out: 0.476+/-0.003 χ^2/NDF:498.4/22

Right Out: 0.241+/-0.008 χ^2/NDF: 986.7/18

Left In: 0.465+/-0.003 χ^2/NDF:743.1/20

+ sign 0.457+/-0.003 χ^2/NDF: 1541.6/39

All: 0.449+/-0.002 χ^2/NDF: 3908.9/79

- sign 0.442+/-0.003 χ^2/NDF: 2352.2/39

reg_asym_sam2_diff_bpm1X_slope vs Slug

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

Left Out: -43.397+/-0.412 χ^2/NDF:597.9/22

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

Left In: -40.311+/-0.433 χ^2/NDF:530.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -41.929+/-0.298 χ^2/NDF: 1155.1/43

- 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: -26.775+/-0.329 χ^2/NDF:601.5/22

Right Out: -42.756+/-1.211 χ^2/NDF: 1341.6/18

Left In: -27.036+/-0.343 χ^2/NDF:1459.0/20

+ sign -27.669+/-0.316 χ^2/NDF: 1829.1/39

All: -27.924+/-0.228 χ^2/NDF: 4787.2/79

- sign -28.202+/-0.330 χ^2/NDF: 2956.7/39

reg_asym_sam2_diff_bpm4eX_slope vs Slug

Right In: -114.996+/-2.072 χ^2/NDF: 141.8/16

Left Out: -134.069+/-0.414 χ^2/NDF:2119.6/22

Right Out: -112.510+/-2.207 χ^2/NDF: 273.1/18

Left In: -136.291+/-0.430 χ^2/NDF:2056.6/20

+ sign -133.338+/-0.406 χ^2/NDF: 2342.8/39

All: -134.337+/-0.293 χ^2/NDF: 4797.1/79

- sign -135.420+/-0.422 χ^2/NDF: 2441.6/39

reg_asym_sam2_diff_bpm4eY_slope vs Slug

Right In: -175.696+/-1.268 χ^2/NDF: 692.9/16

Left Out: -143.514+/-0.370 χ^2/NDF:1015.6/22

Right Out: -173.666+/-1.356 χ^2/NDF: 737.7/18

Left In: -142.575+/-0.384 χ^2/NDF:1540.3/20

+ sign -146.045+/-0.355 χ^2/NDF: 2302.4/39

All: -145.485+/-0.256 χ^2/NDF: 5072.3/79

- sign -144.880+/-0.369 χ^2/NDF: 2764.8/39

reg_asym_sam2_diff_bpm12X_slope vs Slug

Right In: 0.067+/-0.067 χ^2/NDF: 526.1/16

Left Out: 1.612+/-0.017 χ^2/NDF:460.8/22

Right Out: -0.440+/-0.071 χ^2/NDF: 754.9/18

Left In: 1.575+/-0.017 χ^2/NDF:653.0/20

+ sign 1.518+/-0.017 χ^2/NDF: 1487.0/39

All: 1.490+/-0.012 χ^2/NDF: 3658.6/79

- sign 1.461+/-0.017 χ^2/NDF: 2165.7/39

reg_asym_sam3_diff_bpm1X_slope vs Slug

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

Left Out: -39.589+/-0.161 χ^2/NDF:8773.5/22

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

Left In: -37.051+/-0.163 χ^2/NDF:7172.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -38.335+/-0.115 χ^2/NDF: 16068.1/43

- 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: 0.422+/-0.129 χ^2/NDF:3576.5/22

Right Out: -3.954+/-0.507 χ^2/NDF: 123.3/18

Left In: -0.309+/-0.128 χ^2/NDF:2484.6/20

+ sign 0.157+/-0.125 χ^2/NDF: 3808.5/39

All: -0.187+/-0.088 χ^2/NDF: 6480.1/79

- sign -0.529+/-0.124 χ^2/NDF: 2656.5/39

reg_asym_sam3_diff_bpm4eX_slope vs Slug

Right In: -45.101+/-0.881 χ^2/NDF: 229.9/16

Left Out: -48.896+/-0.162 χ^2/NDF:15860.9/22

Right Out: -42.979+/-0.877 χ^2/NDF: 248.9/18

Left In: -48.795+/-0.164 χ^2/NDF:14388.5/20

+ sign -48.771+/-0.160 χ^2/NDF: 16108.7/39

All: -48.686+/-0.113 χ^2/NDF: 30789.1/79

- sign -48.600+/-0.161 χ^2/NDF: 14679.8/39

reg_asym_sam3_diff_bpm4eY_slope vs Slug

Right In: 23.079+/-0.556 χ^2/NDF: 461.1/16

Left Out: 21.148+/-0.144 χ^2/NDF:2617.8/22

Right Out: 22.397+/-0.572 χ^2/NDF: 370.3/18

Left In: 21.719+/-0.145 χ^2/NDF:1887.4/20

+ sign 21.270+/-0.140 χ^2/NDF: 3090.2/39

All: 21.514+/-0.099 χ^2/NDF: 5355.3/79

- sign 21.759+/-0.140 χ^2/NDF: 2259.0/39

reg_asym_sam3_diff_bpm12X_slope vs Slug

Right In: -0.377+/-0.030 χ^2/NDF: 437.1/16

Left Out: 0.132+/-0.007 χ^2/NDF:555.1/22

Right Out: -0.601+/-0.030 χ^2/NDF: 555.6/18

Left In: 0.120+/-0.007 χ^2/NDF:577.7/20

+ sign 0.108+/-0.006 χ^2/NDF: 1264.6/39

All: 0.097+/-0.005 χ^2/NDF: 2947.8/79

- sign 0.086+/-0.006 χ^2/NDF: 1677.7/39

reg_asym_sam4_diff_bpm1X_slope vs Slug

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

Left Out: -82.096+/-0.424 χ^2/NDF:12325.1/22

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

Left In: -76.638+/-0.435 χ^2/NDF:9106.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -79.434+/-0.304 χ^2/NDF: 21511.7/43

- 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: 33.158+/-0.330 χ^2/NDF:5584.6/22

Right Out: 27.648+/-0.810 χ^2/NDF: 1009.2/18

Left In: 31.927+/-0.338 χ^2/NDF:3416.6/20

+ sign 31.953+/-0.305 χ^2/NDF: 6367.5/39

All: 31.630+/-0.218 χ^2/NDF: 10819.3/79

- sign 31.293+/-0.312 χ^2/NDF: 4449.5/39

reg_asym_sam4_diff_bpm4eX_slope vs Slug

Right In: -76.728+/-1.412 χ^2/NDF: 1042.0/16

Left Out: -88.177+/-0.425 χ^2/NDF:13234.0/22

Right Out: -77.773+/-1.352 χ^2/NDF: 871.8/18

Left In: -90.476+/-0.433 χ^2/NDF:11290.7/20

+ sign -87.225+/-0.407 χ^2/NDF: 14336.3/39

All: -88.245+/-0.290 χ^2/NDF: 26591.6/79

- sign -89.293+/-0.413 χ^2/NDF: 12242.5/39

reg_asym_sam4_diff_bpm4eY_slope vs Slug

Right In: 184.271+/-0.914 χ^2/NDF: 5401.0/16

Left Out: 180.199+/-0.374 χ^2/NDF:5652.3/22

Right Out: 177.930+/-0.924 χ^2/NDF: 6330.9/18

Left In: 178.162+/-0.382 χ^2/NDF:4076.9/20

+ sign 180.783+/-0.346 χ^2/NDF: 11070.3/39

All: 179.483+/-0.247 χ^2/NDF: 21507.1/79

- sign 178.128+/-0.353 χ^2/NDF: 10407.9/39

reg_asym_sam4_diff_bpm12X_slope vs Slug

Right In: -1.196+/-0.048 χ^2/NDF: 623.1/16

Left Out: -0.853+/-0.017 χ^2/NDF:1532.7/22

Right Out: -1.385+/-0.046 χ^2/NDF: 924.4/18

Left In: -0.817+/-0.017 χ^2/NDF:1757.3/20

+ sign -0.892+/-0.016 χ^2/NDF: 2200.9/39

All: -0.891+/-0.011 χ^2/NDF: 5017.1/79

- sign -0.889+/-0.016 χ^2/NDF: 2816.2/39

reg_asym_sam5_diff_bpm1X_slope vs Slug

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

Left Out: -9.934+/-0.210 χ^2/NDF:3676.2/22

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

Left In: -8.687+/-0.215 χ^2/NDF:2997.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -9.326+/-0.150 χ^2/NDF: 6690.9/43

- 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: 56.245+/-0.163 χ^2/NDF:1827.2/22

Right Out: 59.477+/-0.248 χ^2/NDF: 1317.0/18

Left In: 55.879+/-0.170 χ^2/NDF:1331.7/20

+ sign 57.455+/-0.139 χ^2/NDF: 2953.1/39

All: 57.245+/-0.099 χ^2/NDF: 5749.7/79

- sign 57.031+/-0.140 χ^2/NDF: 2791.9/39

reg_asym_sam5_diff_bpm4eX_slope vs Slug

Right In: 1.914+/-0.458 χ^2/NDF: 121.6/16

Left Out: 13.593+/-0.209 χ^2/NDF:2325.6/22

Right Out: 0.960+/-0.424 χ^2/NDF: 149.5/18

Left In: 12.609+/-0.214 χ^2/NDF:2151.3/20

+ sign 11.572+/-0.190 χ^2/NDF: 2985.5/39

All: 10.915+/-0.135 χ^2/NDF: 5911.9/79

- sign 10.255+/-0.191 χ^2/NDF: 2902.5/39

reg_asym_sam5_diff_bpm4eY_slope vs Slug

Right In: 45.344+/-0.303 χ^2/NDF: 25071.0/16

Left Out: 87.004+/-0.185 χ^2/NDF:1055.7/22

Right Out: 46.007+/-0.289 χ^2/NDF: 28219.9/18

Left In: 86.388+/-0.191 χ^2/NDF:1023.2/20

+ sign 75.729+/-0.158 χ^2/NDF: 39892.9/39

All: 74.955+/-0.112 χ^2/NDF: 82755.6/79

- sign 74.167+/-0.159 χ^2/NDF: 42814.1/39

reg_asym_sam5_diff_bpm12X_slope vs Slug

Right In: 0.201+/-0.014 χ^2/NDF: 217.8/16

Left Out: -0.402+/-0.008 χ^2/NDF:1473.4/22

Right Out: 0.117+/-0.013 χ^2/NDF: 500.1/18

Left In: -0.364+/-0.008 χ^2/NDF:1915.1/20

+ sign -0.243+/-0.007 χ^2/NDF: 3050.3/39

All: -0.232+/-0.005 χ^2/NDF: 6433.5/79

- sign -0.222+/-0.007 χ^2/NDF: 3379.0/39

reg_asym_sam6_diff_bpm1X_slope vs Slug

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

Left Out: 21.314+/-0.219 χ^2/NDF:440.7/22

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

Left In: 20.181+/-0.230 χ^2/NDF:501.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 20.775+/-0.159 χ^2/NDF: 954.9/43

- 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: 41.653+/-0.170 χ^2/NDF:1007.3/22

Right Out: 53.328+/-0.227 χ^2/NDF: 872.7/18

Left In: 41.589+/-0.180 χ^2/NDF:1698.6/20

+ sign 46.144+/-0.132 χ^2/NDF: 3958.6/39

All: 46.140+/-0.097 χ^2/NDF: 8172.8/79

- sign 46.136+/-0.141 χ^2/NDF: 4214.2/39

reg_asym_sam6_diff_bpm4eX_slope vs Slug

Right In: -2.361+/-0.364 χ^2/NDF: 840.8/16

Left Out: 52.182+/-0.219 χ^2/NDF:1439.8/22

Right Out: -1.035+/-0.377 χ^2/NDF: 507.7/18

Left In: 53.641+/-0.228 χ^2/NDF:1150.9/20

+ sign 37.695+/-0.188 χ^2/NDF: 18786.6/39

All: 38.336+/-0.135 χ^2/NDF: 35888.8/79

- sign 39.028+/-0.195 χ^2/NDF: 17077.9/39

reg_asym_sam6_diff_bpm4eY_slope vs Slug

Right In: 0.541+/-0.247 χ^2/NDF: 18423.8/16

Left Out: 72.905+/-0.193 χ^2/NDF:3067.0/22

Right Out: 1.990+/-0.267 χ^2/NDF: 15476.7/18

Left In: 73.067+/-0.202 χ^2/NDF:3765.8/20

+ sign 45.413+/-0.152 χ^2/NDF: 74841.5/39

All: 46.201+/-0.111 χ^2/NDF: 139264.5/79

- sign 47.085+/-0.161 χ^2/NDF: 64366.0/39

reg_asym_sam6_diff_bpm12X_slope vs Slug

Right In: 0.105+/-0.011 χ^2/NDF: 400.7/16

Left Out: -0.417+/-0.009 χ^2/NDF:859.7/22

Right Out: 0.088+/-0.011 χ^2/NDF: 391.0/18

Left In: -0.403+/-0.009 χ^2/NDF:1149.1/20

+ sign -0.212+/-0.007 χ^2/NDF: 2617.7/39

All: -0.209+/-0.005 χ^2/NDF: 5344.8/79

- sign -0.205+/-0.007 χ^2/NDF: 2726.6/39

reg_asym_sam7_diff_bpm1X_slope vs Slug

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

Left Out: 9.512+/-0.065 χ^2/NDF:10881.5/22

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

Left In: 10.223+/-0.068 χ^2/NDF:9451.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 9.853+/-0.047 χ^2/NDF: 20390.7/43

- 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: 12.137+/-0.052 χ^2/NDF:6729.1/22

Right Out: 11.104+/-0.116 χ^2/NDF: 817.2/18

Left In: 11.751+/-0.053 χ^2/NDF:4392.3/20

+ sign 11.832+/-0.047 χ^2/NDF: 7824.2/39

All: 11.738+/-0.034 χ^2/NDF: 13067.5/79

- sign 11.639+/-0.049 χ^2/NDF: 5235.0/39

reg_asym_sam7_diff_bpm4eX_slope vs Slug

Right In: -72.201+/-0.198 χ^2/NDF: 5566.9/16

Left Out: -44.235+/-0.065 χ^2/NDF:16182.6/22

Right Out: -76.003+/-0.181 χ^2/NDF: 3465.4/18

Left In: -44.582+/-0.068 χ^2/NDF:13521.3/20

+ sign -46.990+/-0.062 χ^2/NDF: 39790.2/39

All: -47.694+/-0.044 χ^2/NDF: 83508.0/79

- sign -48.426+/-0.063 χ^2/NDF: 43455.0/39

reg_asym_sam7_diff_bpm4eY_slope vs Slug

Right In: -16.072+/-0.132 χ^2/NDF: 1640.9/16

Left Out: -19.357+/-0.058 χ^2/NDF:6009.4/22

Right Out: -16.799+/-0.128 χ^2/NDF: 1215.8/18

Left In: -19.157+/-0.060 χ^2/NDF:3885.1/20

+ sign -18.821+/-0.053 χ^2/NDF: 8167.6/39

All: -18.778+/-0.038 χ^2/NDF: 13547.6/79

- sign -18.733+/-0.054 χ^2/NDF: 5378.7/39

reg_asym_sam7_diff_bpm12X_slope vs Slug

Right In: -0.198+/-0.008 χ^2/NDF: 6338.8/16

Left Out: 0.379+/-0.003 χ^2/NDF:891.8/22

Right Out: -0.237+/-0.007 χ^2/NDF: 6221.9/18

Left In: 0.369+/-0.003 χ^2/NDF:706.0/20

+ sign 0.313+/-0.003 χ^2/NDF: 12422.6/39

All: 0.303+/-0.002 χ^2/NDF: 25617.1/79

- sign 0.292+/-0.003 χ^2/NDF: 13158.8/39

reg_asym_sam8_diff_bpm1X_slope vs Slug

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

Left Out: -2.064+/-0.055 χ^2/NDF:50134.8/22

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

Left In: -1.323+/-0.058 χ^2/NDF:39007.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1.709+/-0.040 χ^2/NDF: 89228.5/43

- 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: -35.005+/-0.043 χ^2/NDF:31095.1/22

Right Out: -40.052+/-0.073 χ^2/NDF: 11313.5/18

Left In: -35.038+/-0.045 χ^2/NDF:22635.6/20

+ sign -36.695+/-0.038 χ^2/NDF: 44174.1/39

All: -36.569+/-0.027 χ^2/NDF: 81565.9/79

- sign -36.439+/-0.038 χ^2/NDF: 37369.2/39

reg_asym_sam8_diff_bpm4eX_slope vs Slug

Right In: -48.743+/-0.124 χ^2/NDF: 14658.5/16

Left Out: -27.372+/-0.056 χ^2/NDF:44228.6/22

Right Out: -48.091+/-0.107 χ^2/NDF: 11731.5/18

Left In: -28.096+/-0.058 χ^2/NDF:36240.4/20

+ sign -30.927+/-0.051 χ^2/NDF: 83480.2/39

All: -31.753+/-0.036 χ^2/NDF: 158959.8/79

- sign -32.580+/-0.051 χ^2/NDF: 74949.4/39

reg_asym_sam8_diff_bpm4eY_slope vs Slug

Right In: 43.782+/-0.087 χ^2/NDF: 10638.7/16

Left Out: 37.659+/-0.049 χ^2/NDF:20224.6/22

Right Out: 40.530+/-0.080 χ^2/NDF: 17580.7/18

Left In: 37.776+/-0.051 χ^2/NDF:15303.4/20

+ sign 39.138+/-0.043 χ^2/NDF: 34653.1/39

All: 38.856+/-0.030 χ^2/NDF: 68466.3/79

- sign 38.568+/-0.043 χ^2/NDF: 33724.6/39

reg_asym_sam8_diff_bpm12X_slope vs Slug

Right In: -0.178+/-0.005 χ^2/NDF: 7375.8/16

Left Out: 0.190+/-0.002 χ^2/NDF:3256.3/22

Right Out: -0.219+/-0.004 χ^2/NDF: 7470.0/18

Left In: 0.180+/-0.002 χ^2/NDF:3030.9/20

+ sign 0.124+/-0.002 χ^2/NDF: 15377.1/39

All: 0.107+/-0.001 χ^2/NDF: 32674.7/79

- sign 0.090+/-0.002 χ^2/NDF: 17158.6/39

reg_asym_usl_diff_bpm1X_slope vs Slug

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

Left Out: -73.657+/-0.405 χ^2/NDF:987.8/21

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

Left In: -73.569+/-0.411 χ^2/NDF:743.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -73.614+/-0.288 χ^2/NDF: 1731.5/42

- 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: 3.011+/-0.305 χ^2/NDF:146.9/21

Right Out: 8.816+/-0.449 χ^2/NDF: 350.4/17

Left In: 3.020+/-0.311 χ^2/NDF:150.0/20

+ sign 4.351+/-0.249 χ^2/NDF: 652.3/37

All: 4.617+/-0.178 χ^2/NDF: 1267.7/76

- sign 4.896+/-0.255 χ^2/NDF: 613.1/38

reg_asym_usl_diff_bpm4eX_slope vs Slug

Right In: 58.913+/-0.831 χ^2/NDF: 1496.7/15

Left Out: 14.648+/-0.402 χ^2/NDF:1234.6/21

Right Out: 64.803+/-0.840 χ^2/NDF: 1718.2/17

Left In: 14.437+/-0.406 χ^2/NDF:1014.0/20

+ sign 23.027+/-0.362 χ^2/NDF: 5029.3/37

All: 23.502+/-0.257 χ^2/NDF: 10676.5/76

- sign 23.989+/-0.366 χ^2/NDF: 5643.7/38

reg_asym_usl_diff_bpm4eY_slope vs Slug

Right In: 9.583+/-0.501 χ^2/NDF: 554.4/15

Left Out: 18.011+/-0.350 χ^2/NDF:185.7/21

Right Out: 7.516+/-0.516 χ^2/NDF: 569.8/17

Left In: 18.015+/-0.356 χ^2/NDF:389.8/20

+ sign 15.244+/-0.287 χ^2/NDF: 930.2/37

All: 14.943+/-0.205 χ^2/NDF: 2172.9/76

- sign 14.630+/-0.293 χ^2/NDF: 1240.4/38

reg_asym_usl_diff_bpm12X_slope vs Slug

Right In: -39.777+/-0.031 χ^2/NDF: 26158.0/15

Left Out: -40.722+/-0.016 χ^2/NDF:150769.3/21

Right Out: -41.651+/-0.031 χ^2/NDF: 94457.5/17

Left In: -40.563+/-0.016 χ^2/NDF:124728.3/20

+ sign -40.514+/-0.015 χ^2/NDF: 177648.7/37

All: -40.657+/-0.010 χ^2/NDF: 397979.0/76

- sign -40.799+/-0.015 χ^2/NDF: 220137.8/38

reg_asym_usr_diff_bpm1X_slope vs Slug

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

Left Out: -53.130+/-0.401 χ^2/NDF:3670.5/22

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

Left In: -56.065+/-0.414 χ^2/NDF:2704.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -54.553+/-0.288 χ^2/NDF: 6401.1/43

- 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: -0.982+/-0.300 χ^2/NDF:1192.1/22

Right Out: 7.565+/-0.652 χ^2/NDF: 270.2/18

Left In: -0.552+/-0.311 χ^2/NDF:920.0/20

+ sign 0.132+/-0.270 χ^2/NDF: 1559.9/39

All: 0.526+/-0.195 χ^2/NDF: 2881.0/79

- sign 0.950+/-0.280 χ^2/NDF: 1316.7/39

reg_asym_usr_diff_bpm4eX_slope vs Slug

Right In: 153.298+/-1.145 χ^2/NDF: 2266.8/16

Left Out: 111.539+/-0.399 χ^2/NDF:4051.8/22

Right Out: 162.747+/-1.177 χ^2/NDF: 1708.7/18

Left In: 114.040+/-0.409 χ^2/NDF:3116.5/20

+ sign 116.062+/-0.377 χ^2/NDF: 7505.2/39

All: 117.633+/-0.270 χ^2/NDF: 13895.2/79

- sign 119.281+/-0.386 χ^2/NDF: 6354.4/39

reg_asym_usr_diff_bpm4eY_slope vs Slug

Right In: 10.878+/-0.713 χ^2/NDF: 388.1/16

Left Out: 19.389+/-0.346 χ^2/NDF:1350.9/22

Right Out: 7.014+/-0.748 χ^2/NDF: 424.5/18

Left In: 18.727+/-0.356 χ^2/NDF:1122.3/20

+ sign 17.767+/-0.311 χ^2/NDF: 1854.2/39

All: 17.184+/-0.224 χ^2/NDF: 3608.1/79

- sign 16.563+/-0.322 χ^2/NDF: 1746.7/39

reg_asym_usr_diff_bpm12X_slope vs Slug

Right In: -41.265+/-0.038 χ^2/NDF: 12570.1/16

Left Out: -39.632+/-0.016 χ^2/NDF:87747.5/22

Right Out: -41.144+/-0.039 χ^2/NDF: 12218.7/18

Left In: -38.991+/-0.017 χ^2/NDF:53931.0/20

+ sign -39.882+/-0.015 χ^2/NDF: 101841.6/39

All: -39.605+/-0.011 χ^2/NDF: 171301.6/79

- sign -39.324+/-0.015 χ^2/NDF: 68777.3/39

reg_asym_dsl_diff_bpm1X_slope vs Slug

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

Left Out: -0.086+/-0.023 χ^2/NDF:39.5/21

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

Left In: -0.026+/-0.024 χ^2/NDF:32.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.056+/-0.017 χ^2/NDF: 74.9/42

- 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: -0.075+/-0.018 χ^2/NDF:23.4/21

Right Out: -0.051+/-0.029 χ^2/NDF: 25.8/17

Left In: -0.056+/-0.018 χ^2/NDF:31.7/20

+ sign -0.053+/-0.015 χ^2/NDF: 41.2/37

All: -0.054+/-0.011 χ^2/NDF: 98.8/76

- sign -0.055+/-0.015 χ^2/NDF: 57.6/38

reg_asym_dsl_diff_bpm4eX_slope vs Slug

Right In: 0.171+/-0.052 χ^2/NDF: 13.7/15

Left Out: 0.077+/-0.023 χ^2/NDF:38.0/21

Right Out: 0.239+/-0.054 χ^2/NDF: 21.8/17

Left In: 0.016+/-0.024 χ^2/NDF:34.1/20

+ sign 0.093+/-0.021 χ^2/NDF: 54.4/37

All: 0.073+/-0.015 χ^2/NDF: 126.5/76

- sign 0.052+/-0.022 χ^2/NDF: 70.3/38

reg_asym_dsl_diff_bpm4eY_slope vs Slug

Right In: -0.011+/-0.033 χ^2/NDF: 13.8/15

Left Out: 0.097+/-0.021 χ^2/NDF:26.6/21

Right Out: 0.059+/-0.034 χ^2/NDF: 20.6/17

Left In: 0.074+/-0.021 χ^2/NDF:31.4/20

+ sign 0.067+/-0.017 χ^2/NDF: 48.3/37

All: 0.068+/-0.012 χ^2/NDF: 100.4/76

- sign 0.070+/-0.018 χ^2/NDF: 52.1/38

reg_asym_dsl_diff_bpm12X_slope vs Slug

Right In: -0.012+/-0.002 χ^2/NDF: 12.9/15

Left Out: -0.007+/-0.001 χ^2/NDF:25.2/21

Right Out: -0.012+/-0.002 χ^2/NDF: 11891.5/17

Left In: -0.009+/-0.001 χ^2/NDF:37.6/20

+ sign -0.008+/-0.001 χ^2/NDF: 42.9/37

All: -0.009+/-0.001 χ^2/NDF: 11975.6/76

- sign -0.010+/-0.001 χ^2/NDF: 11931.0/38

reg_asym_dsr_diff_bpm1X_slope vs Slug

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

Left Out: -0.001+/-0.028 χ^2/NDF:25.8/22

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

Left In: -0.013+/-0.029 χ^2/NDF:22.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.007+/-0.020 χ^2/NDF: 48.1/43

- 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: -0.062+/-0.022 χ^2/NDF:24.2/22

Right Out: -0.128+/-0.039 χ^2/NDF: 17.6/18

Left In: -0.098+/-0.023 χ^2/NDF:24.6/20

+ sign -0.052+/-0.019 χ^2/NDF: 48.3/39

All: -0.077+/-0.014 χ^2/NDF: 94.8/79

- sign -0.105+/-0.020 χ^2/NDF: 42.7/39

reg_asym_dsr_diff_bpm4eX_slope vs Slug

Right In: -0.129+/-0.067 χ^2/NDF: 23.7/16

Left Out: -0.004+/-0.028 χ^2/NDF:25.0/22

Right Out: -0.172+/-0.071 χ^2/NDF: 15.0/18

Left In: -0.016+/-0.029 χ^2/NDF:21.0/20

+ sign -0.023+/-0.026 χ^2/NDF: 51.7/39

All: -0.030+/-0.019 χ^2/NDF: 92.0/79

- sign -0.038+/-0.027 χ^2/NDF: 40.1/39

reg_asym_dsr_diff_bpm4eY_slope vs Slug

Right In: 0.021+/-0.042 χ^2/NDF: 22.5/16

Left Out: 0.067+/-0.025 χ^2/NDF:23.4/22

Right Out: 0.152+/-0.045 χ^2/NDF: 16.2/18

Left In: 0.101+/-0.026 χ^2/NDF:26.0/20

+ sign 0.055+/-0.021 χ^2/NDF: 46.8/39

All: 0.083+/-0.015 χ^2/NDF: 93.5/79

- sign 0.114+/-0.022 χ^2/NDF: 43.2/39

reg_asym_dsr_diff_bpm12X_slope vs Slug

Right In: 0.001+/-0.002 χ^2/NDF: 32.4/16

Left Out: 0.008+/-0.001 χ^2/NDF:24.5/22

Right Out: 0.001+/-0.002 χ^2/NDF: 10449.1/18

Left In: 0.009+/-0.001 χ^2/NDF:15.2/20

+ sign 0.007+/-0.001 χ^2/NDF: 65.4/39

All: 0.007+/-0.001 χ^2/NDF: 10540.3/79

- sign 0.008+/-0.001 χ^2/NDF: 10474.8/39

reg_asym_us_avg_diff_bpm1X_slope vs Slug

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

Left Out: -63.327+/-0.352 χ^2/NDF:2200.2/21

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

Left In: -65.292+/-0.357 χ^2/NDF:1737.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -64.295+/-0.250 χ^2/NDF: 3953.1/42

- 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: 1.232+/-0.260 χ^2/NDF:494.7/21

Right Out: 8.142+/-0.454 χ^2/NDF: 407.7/17

Left In: 1.623+/-0.265 χ^2/NDF:423.8/20

+ sign 2.426+/-0.222 χ^2/NDF: 1034.3/37

All: 2.841+/-0.159 χ^2/NDF: 2027.0/76

- sign 3.284+/-0.229 χ^2/NDF: 985.4/38

reg_asym_us_avg_diff_bpm4eX_slope vs Slug

Right In: 101.631+/-0.807 χ^2/NDF: 2978.9/15

Left Out: 62.818+/-0.348 χ^2/NDF:2338.9/21

Right Out: 110.756+/-0.836 χ^2/NDF: 2513.0/17

Left In: 64.590+/-0.352 χ^2/NDF:2073.4/20

+ sign 68.917+/-0.320 χ^2/NDF: 7267.7/37

All: 70.210+/-0.228 χ^2/NDF: 14476.4/76

- sign 71.542+/-0.324 χ^2/NDF: 7175.5/38

reg_asym_us_avg_diff_bpm4eY_slope vs Slug

Right In: 10.508+/-0.492 χ^2/NDF: 581.5/15

Left Out: 18.259+/-0.301 χ^2/NDF:629.5/21

Right Out: 7.477+/-0.524 χ^2/NDF: 689.3/17

Left In: 17.790+/-0.306 χ^2/NDF:725.5/20

+ sign 16.145+/-0.257 χ^2/NDF: 1391.4/37

All: 15.673+/-0.184 χ^2/NDF: 3102.4/76

- sign 15.174+/-0.264 χ^2/NDF: 1704.0/38

reg_asym_us_avg_diff_bpm12X_slope vs Slug

Right In: -40.080+/-0.028 χ^2/NDF: 25123.9/15

Left Out: -39.970+/-0.014 χ^2/NDF:131642.3/21

Right Out: -41.609+/-0.029 χ^2/NDF: 61784.6/17

Left In: -39.775+/-0.014 χ^2/NDF:109333.2/20

+ sign -39.992+/-0.013 χ^2/NDF: 156778.3/37

All: -40.066+/-0.009 χ^2/NDF: 331265.2/76

- sign -40.140+/-0.013 χ^2/NDF: 174420.4/38

reg_asym_us_dd_diff_bpm1X_slope vs Slug

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

Left Out: -11.867+/-0.195 χ^2/NDF:2411.6/21

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

Left In: -10.250+/-0.199 χ^2/NDF:1942.1/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -11.072+/-0.139 χ^2/NDF: 4387.4/42

- 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: 2.778+/-0.152 χ^2/NDF:1265.9/21

Right Out: 0.906+/-0.354 χ^2/NDF: 42.0/17

Left In: 2.577+/-0.155 χ^2/NDF:1065.6/20

+ sign 2.473+/-0.139 χ^2/NDF: 1332.8/37

All: 2.393+/-0.099 χ^2/NDF: 2459.8/76

- sign 2.308+/-0.142 χ^2/NDF: 1126.3/38

reg_asym_us_dd_diff_bpm4eX_slope vs Slug

Right In: -52.148+/-0.612 χ^2/NDF: 230.2/15

Left Out: -46.568+/-0.194 χ^2/NDF:2958.3/21

Right Out: -52.346+/-0.616 χ^2/NDF: 235.7/17

Left In: -48.161+/-0.197 χ^2/NDF:2241.2/20

+ sign -47.079+/-0.185 χ^2/NDF: 3264.1/37

All: -47.804+/-0.132 χ^2/NDF: 5814.0/76

- sign -48.549+/-0.188 χ^2/NDF: 2518.8/38

reg_asym_us_dd_diff_bpm4eY_slope vs Slug

Right In: -0.596+/-0.384 χ^2/NDF: 82.6/15

Left Out: -1.395+/-0.172 χ^2/NDF:1314.4/21

Right Out: 0.416+/-0.400 χ^2/NDF: 95.8/17

Left In: -1.138+/-0.175 χ^2/NDF:1081.9/20

+ sign -1.261+/-0.157 χ^2/NDF: 1400.6/37

All: -1.078+/-0.112 χ^2/NDF: 2593.7/76

- sign -0.888+/-0.160 χ^2/NDF: 1190.3/38

reg_asym_us_dd_diff_bpm12X_slope vs Slug

Right In: 0.128+/-0.021 χ^2/NDF: 5252.9/15

Left Out: -0.943+/-0.008 χ^2/NDF:40724.0/21

Right Out: -1.631+/-0.022 χ^2/NDF: 77878.6/17

Left In: -0.906+/-0.008 χ^2/NDF:30581.8/20

+ sign -0.814+/-0.007 χ^2/NDF: 48160.2/37

All: -0.903+/-0.005 χ^2/NDF: 157878.6/76

- sign -0.991+/-0.007 χ^2/NDF: 109435.8/38

reg_asym_ds_avg_diff_bpm1X_slope vs Slug

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

Left Out: -0.045+/-0.019 χ^2/NDF:33.6/21

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

Left In: -0.020+/-0.019 χ^2/NDF:30.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.033+/-0.013 χ^2/NDF: 65.1/42

- 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: -0.073+/-0.015 χ^2/NDF:27.8/21

Right Out: -0.092+/-0.025 χ^2/NDF: 12.7/17

Left In: -0.081+/-0.015 χ^2/NDF:22.9/20

+ sign -0.056+/-0.012 χ^2/NDF: 44.8/37

All: -0.070+/-0.009 χ^2/NDF: 83.0/76

- sign -0.084+/-0.013 χ^2/NDF: 35.7/38

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug

Right In: 0.017+/-0.043 χ^2/NDF: 9.6/15

Left Out: 0.041+/-0.019 χ^2/NDF:31.4/21

Right Out: 0.030+/-0.045 χ^2/NDF: 9.2/17

Left In: -0.001+/-0.019 χ^2/NDF:32.6/20

+ sign 0.037+/-0.017 χ^2/NDF: 41.3/37

All: 0.021+/-0.012 χ^2/NDF: 85.3/76

- sign 0.004+/-0.018 χ^2/NDF: 42.2/38

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug

Right In: 0.007+/-0.027 χ^2/NDF: 12.1/15

Left Out: 0.086+/-0.017 χ^2/NDF:27.7/21

Right Out: 0.110+/-0.029 χ^2/NDF: 8.0/17

Left In: 0.091+/-0.017 χ^2/NDF:25.8/20

+ sign 0.064+/-0.014 χ^2/NDF: 46.2/37

All: 0.080+/-0.010 χ^2/NDF: 82.6/76

- sign 0.096+/-0.015 χ^2/NDF: 34.1/38

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+/-0.001 χ^2/NDF:20.4/21

Right Out: -0.006+/-0.001 χ^2/NDF: 26508.9/17

Left In: 0.000+/-0.001 χ^2/NDF:20.5/20

+ sign -0.001+/-0.001 χ^2/NDF: 57.5/37

All: -0.001+/-0.000 χ^2/NDF: 26600.4/76

- sign -0.001+/-0.001 χ^2/NDF: 26542.5/38

reg_asym_ds_dd_diff_bpm1X_slope vs Slug

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

Left Out: -0.042+/-0.019 χ^2/NDF:34.4/21

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

Left In: 0.001+/-0.019 χ^2/NDF:29.1/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.021+/-0.013 χ^2/NDF: 66.1/42

- 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: -0.005+/-0.015 χ^2/NDF:26.2/21

Right Out: 0.040+/-0.025 χ^2/NDF: 27.9/17

Left In: 0.018+/-0.015 χ^2/NDF:34.3/20

+ sign -0.001+/-0.012 χ^2/NDF: 51.9/37

All: 0.011+/-0.009 χ^2/NDF: 116.7/76

- sign 0.024+/-0.013 χ^2/NDF: 62.8/38

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug

Right In: 0.152+/-0.043 χ^2/NDF: 28.7/15

Left Out: 0.040+/-0.019 χ^2/NDF:33.1/21

Right Out: 0.200+/-0.045 χ^2/NDF: 22.9/17

Left In: 0.008+/-0.019 χ^2/NDF:28.2/20

+ sign 0.058+/-0.017 χ^2/NDF: 67.6/37

All: 0.048+/-0.012 χ^2/NDF: 135.0/76

- sign 0.037+/-0.018 χ^2/NDF: 66.7/38

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug

Right In: -0.014+/-0.027 χ^2/NDF: 25.2/15

Left Out: 0.014+/-0.017 χ^2/NDF:29.0/21

Right Out: -0.050+/-0.029 χ^2/NDF: 25.7/17

Left In: -0.011+/-0.017 χ^2/NDF:34.0/20

+ sign 0.007+/-0.014 χ^2/NDF: 54.9/37

All: -0.007+/-0.010 χ^2/NDF: 117.8/76

- sign -0.021+/-0.015 χ^2/NDF: 61.1/38

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+/-0.001 χ^2/NDF:29.7/21

Right Out: -0.006+/-0.001 χ^2/NDF: 165.9/17

Left In: -0.009+/-0.001 χ^2/NDF:37.1/20

+ sign -0.008+/-0.001 χ^2/NDF: 60.3/37

All: -0.008+/-0.000 χ^2/NDF: 267.4/76

- sign -0.008+/-0.001 χ^2/NDF: 206.4/38

reg_asym_left_avg_diff_bpm1X_slope vs Slug

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

Left Out: -36.881+/-0.203 χ^2/NDF:981.9/21

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

Left In: -36.799+/-0.206 χ^2/NDF:746.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -36.841+/-0.145 χ^2/NDF: 1728.4/42

- 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: 1.465+/-0.153 χ^2/NDF:146.5/21

Right Out: 4.370+/-0.225 χ^2/NDF: 353.8/17

Left In: 1.473+/-0.156 χ^2/NDF:149.3/20

+ sign 2.147+/-0.125 χ^2/NDF: 653.5/37

All: 2.275+/-0.089 χ^2/NDF: 1270.5/76

- sign 2.409+/-0.128 χ^2/NDF: 614.9/38

reg_asym_left_avg_diff_bpm4eX_slope vs Slug

Right In: 29.535+/-0.417 χ^2/NDF: 1494.9/15

Left Out: 7.374+/-0.201 χ^2/NDF:1230.6/21

Right Out: 32.816+/-0.423 χ^2/NDF: 1659.3/17

Left In: 7.226+/-0.204 χ^2/NDF:1014.8/20

+ sign 11.569+/-0.181 χ^2/NDF: 5017.8/37

All: 11.806+/-0.129 χ^2/NDF: 10667.5/76

- sign 12.049+/-0.184 χ^2/NDF: 5646.3/38

reg_asym_left_avg_diff_bpm4eY_slope vs Slug

Right In: 4.789+/-0.251 χ^2/NDF: 553.9/15

Left Out: 9.056+/-0.176 χ^2/NDF:184.3/21

Right Out: 3.809+/-0.259 χ^2/NDF: 567.6/17

Left In: 9.057+/-0.178 χ^2/NDF:385.2/20

+ sign 7.655+/-0.144 χ^2/NDF: 932.0/37

All: 7.515+/-0.103 χ^2/NDF: 2165.5/76

- sign 7.368+/-0.147 χ^2/NDF: 1231.5/38

reg_asym_left_avg_diff_bpm12X_slope vs Slug

Right In: -19.895+/-0.016 χ^2/NDF: 26073.6/15

Left Out: -20.367+/-0.008 χ^2/NDF:150368.3/21

Right Out: -20.938+/-0.016 χ^2/NDF: 94065.2/17

Left In: -20.288+/-0.008 χ^2/NDF:124462.0/20

+ sign -20.263+/-0.007 χ^2/NDF: 177158.4/37

All: -20.346+/-0.005 χ^2/NDF: 397285.9/76

- sign -20.428+/-0.007 χ^2/NDF: 219871.4/38

reg_asym_left_dd_diff_bpm1X_slope vs Slug

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

Left Out: -36.793+/-0.203 χ^2/NDF:987.5/21

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

Left In: -36.786+/-0.206 χ^2/NDF:735.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -36.790+/-0.145 χ^2/NDF: 1722.5/42

- 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: 1.547+/-0.153 χ^2/NDF:146.8/21

Right Out: 4.303+/-0.222 χ^2/NDF: 352.8/17

Left In: 1.543+/-0.156 χ^2/NDF:149.9/20

+ sign 2.203+/-0.125 χ^2/NDF: 646.0/37

All: 2.327+/-0.089 χ^2/NDF: 1254.6/76

- sign 2.455+/-0.127 χ^2/NDF: 606.6/38

reg_asym_left_dd_diff_bpm4eX_slope vs Slug

Right In: 29.367+/-0.416 χ^2/NDF: 1488.7/15

Left Out: 7.290+/-0.201 χ^2/NDF:1231.9/21

Right Out: 29.719+/-0.402 χ^2/NDF: 2129.5/17

Left In: 7.226+/-0.204 χ^2/NDF:1006.8/20

+ sign 11.470+/-0.181 χ^2/NDF: 4998.4/37

All: 11.641+/-0.128 χ^2/NDF: 10623.2/76

- sign 11.812+/-0.182 χ^2/NDF: 5623.0/38

reg_asym_left_dd_diff_bpm4eY_slope vs Slug

Right In: 4.794+/-0.251 χ^2/NDF: 550.0/15

Left Out: 8.956+/-0.176 χ^2/NDF:186.3/21

Right Out: 3.591+/-0.254 χ^2/NDF: 573.3/17

Left In: 8.967+/-0.178 χ^2/NDF:391.5/20

+ sign 7.590+/-0.144 χ^2/NDF: 920.9/37

All: 7.397+/-0.102 χ^2/NDF: 2188.8/76

- sign 7.198+/-0.146 χ^2/NDF: 1264.2/38

reg_asym_left_dd_diff_bpm12X_slope vs Slug

Right In: -19.883+/-0.016 χ^2/NDF: 26063.5/15

Left Out: -20.360+/-0.008 χ^2/NDF:150442.2/21

Right Out: -18.390+/-0.015 χ^2/NDF: 301247.7/17

Left In: -20.280+/-0.008 χ^2/NDF:124351.1/20

+ sign -20.255+/-0.007 χ^2/NDF: 177238.6/37

All: -20.040+/-0.005 χ^2/NDF: 617095.4/76

- sign -19.831+/-0.007 χ^2/NDF: 438141.1/38

reg_asym_right_avg_diff_bpm1X_slope vs Slug

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

Left Out: -26.566+/-0.201 χ^2/NDF:3663.4/22

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

Left In: -28.041+/-0.207 χ^2/NDF:2698.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -27.281+/-0.144 χ^2/NDF: 6387.7/43

- 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: -0.524+/-0.151 χ^2/NDF:1190.7/22

Right Out: 3.726+/-0.327 χ^2/NDF: 269.1/18

Left In: -0.330+/-0.156 χ^2/NDF:905.5/20

+ sign 0.039+/-0.136 χ^2/NDF: 1559.8/39

All: 0.222+/-0.098 χ^2/NDF: 2863.8/79

- sign 0.419+/-0.141 χ^2/NDF: 1300.2/39

reg_asym_right_avg_diff_bpm4eX_slope vs Slug

Right In: 76.572+/-0.573 χ^2/NDF: 2253.6/16

Left Out: 55.769+/-0.200 χ^2/NDF:4038.6/22

Right Out: 81.923+/-0.592 χ^2/NDF: 1570.6/18

Left In: 57.014+/-0.205 χ^2/NDF:3110.3/20

+ sign 58.025+/-0.189 χ^2/NDF: 7466.2/39

All: 58.830+/-0.135 χ^2/NDF: 13766.0/79

- sign 59.676+/-0.194 χ^2/NDF: 6262.5/39

reg_asym_right_avg_diff_bpm4eY_slope vs Slug

Right In: 5.442+/-0.357 χ^2/NDF: 387.5/16

Left Out: 9.731+/-0.173 χ^2/NDF:1347.0/22

Right Out: 3.585+/-0.375 χ^2/NDF: 423.2/18

Left In: 9.422+/-0.178 χ^2/NDF:1106.4/20

+ sign 8.913+/-0.156 χ^2/NDF: 1851.1/39

All: 8.638+/-0.112 χ^2/NDF: 3584.4/79

- sign 8.345+/-0.161 χ^2/NDF: 1726.9/39

reg_asym_right_avg_diff_bpm12X_slope vs Slug

Right In: -20.630+/-0.019 χ^2/NDF: 12490.5/16

Left Out: -19.812+/-0.008 χ^2/NDF:87374.7/22

Right Out: -20.650+/-0.019 χ^2/NDF: 13885.7/18

Left In: -19.491+/-0.008 χ^2/NDF:53689.8/20

+ sign -19.938+/-0.008 χ^2/NDF: 101390.9/39

All: -19.804+/-0.005 χ^2/NDF: 172606.1/79

- sign -19.669+/-0.008 χ^2/NDF: 70586.4/39

reg_asym_right_dd_diff_bpm1X_slope vs Slug

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

Left Out: -26.560+/-0.201 χ^2/NDF:3639.3/22

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

Left In: -28.014+/-0.207 χ^2/NDF:2685.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -27.265+/-0.144 χ^2/NDF: 6349.6/43

- 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: -0.464+/-0.151 χ^2/NDF:1181.2/22

Right Out: 3.611+/-0.318 χ^2/NDF: 279.4/18

Left In: -0.231+/-0.156 χ^2/NDF:925.0/20

+ sign 0.089+/-0.136 χ^2/NDF: 1545.4/39

All: 0.294+/-0.097 χ^2/NDF: 2872.1/79

- sign 0.512+/-0.140 χ^2/NDF: 1322.0/39

reg_asym_right_dd_diff_bpm4eX_slope vs Slug

Right In: 76.687+/-0.574 χ^2/NDF: 2265.1/16

Left Out: 55.765+/-0.200 χ^2/NDF:4023.5/22

Right Out: 70.386+/-0.550 χ^2/NDF: 4391.1/18

Left In: 57.016+/-0.205 χ^2/NDF:3093.2/20

+ sign 58.034+/-0.189 χ^2/NDF: 7474.6/39

All: 58.336+/-0.135 χ^2/NDF: 15483.5/79

- sign 58.647+/-0.192 χ^2/NDF: 8003.6/39

reg_asym_right_dd_diff_bpm4eY_slope vs Slug

Right In: 5.439+/-0.357 χ^2/NDF: 385.9/16

Left Out: 9.665+/-0.174 χ^2/NDF:1340.8/22

Right Out: 3.275+/-0.365 χ^2/NDF: 425.8/18

Left In: 9.317+/-0.179 χ^2/NDF:1126.1/20

+ sign 8.859+/-0.156 χ^2/NDF: 1839.8/39

All: 8.515+/-0.112 χ^2/NDF: 3622.4/79

- sign 8.152+/-0.160 χ^2/NDF: 1772.7/39

reg_asym_right_dd_diff_bpm12X_slope vs Slug

Right In: -20.632+/-0.019 χ^2/NDF: 12530.8/16

Left Out: -19.820+/-0.008 χ^2/NDF:87248.1/22

Right Out: -17.591+/-0.018 χ^2/NDF: 178680.7/18

Left In: -19.500+/-0.008 χ^2/NDF:53645.2/20

+ sign -19.945+/-0.008 χ^2/NDF: 101276.9/39

All: -19.554+/-0.005 χ^2/NDF: 348197.6/79

- sign -19.167+/-0.008 χ^2/NDF: 241602.8/39

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug

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

Left Out: -7.797+/-0.073 χ^2/NDF:11245.3/22

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

Left In: -7.044+/-0.075 χ^2/NDF:8615.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -7.429+/-0.052 χ^2/NDF: 19912.6/43

- 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: 1.403+/-0.056 χ^2/NDF:4384.9/22

Right Out: -7.060+/-0.059 χ^2/NDF: 12329.4/18

Left In: 1.241+/-0.058 χ^2/NDF:2997.6/20

+ sign -2.066+/-0.039 χ^2/NDF: 21253.2/39

All: -2.425+/-0.028 χ^2/NDF: 46838.1/79

- sign -2.828+/-0.041 χ^2/NDF: 25405.4/39

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug

Right In: 5.824+/-0.090 χ^2/NDF: 1452.6/16

Left Out: 2.802+/-0.073 χ^2/NDF:7869.7/22

Right Out: 6.056+/-0.093 χ^2/NDF: 2668.9/18

Left In: 1.999+/-0.074 χ^2/NDF:6186.3/20

+ sign 4.003+/-0.056 χ^2/NDF: 10008.0/39

All: 3.790+/-0.040 χ^2/NDF: 20052.3/79

- sign 3.566+/-0.058 χ^2/NDF: 10015.2/39

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug

Right In: 6.432+/-0.065 χ^2/NDF: 123486.3/16

Left Out: 49.126+/-0.063 χ^2/NDF:2150.2/22

Right Out: 10.060+/-0.070 χ^2/NDF: 121816.0/18

Left In: 48.735+/-0.065 χ^2/NDF:2033.8/20

+ sign 28.182+/-0.045 χ^2/NDF: 347462.1/39

All: 29.344+/-0.033 χ^2/NDF: 636279.5/79

- sign 30.632+/-0.048 χ^2/NDF: 287430.5/39

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug

Right In: 0.215+/-0.003 χ^2/NDF: 3930.1/16

Left Out: 0.043+/-0.003 χ^2/NDF:2095.6/22

Right Out: 0.186+/-0.003 χ^2/NDF: 2720.3/18

Left In: 0.054+/-0.003 χ^2/NDF:2625.4/20

+ sign 0.133+/-0.002 χ^2/NDF: 7867.5/39

All: 0.129+/-0.001 χ^2/NDF: 14317.9/79

- sign 0.126+/-0.002 χ^2/NDF: 6443.4/39

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug

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

Left Out: 1.663+/-0.139 χ^2/NDF:1266.4/22

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

Left In: 1.335+/-0.143 χ^2/NDF:1222.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1.503+/-0.099 χ^2/NDF: 2492.0/43

- 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: -54.584+/-0.109 χ^2/NDF:1083.9/22

Right Out: -59.468+/-0.212 χ^2/NDF: 2912.7/18

Left In: -54.373+/-0.114 χ^2/NDF:1035.8/20

+ sign -55.610+/-0.098 χ^2/NDF: 3524.8/39

All: -55.560+/-0.070 χ^2/NDF: 7922.4/79

- sign -55.508+/-0.100 χ^2/NDF: 4397.1/39

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug

Right In: 2.188+/-0.404 χ^2/NDF: 39.1/16

Left Out: -10.359+/-0.138 χ^2/NDF:843.8/22

Right Out: 2.733+/-0.388 χ^2/NDF: 58.9/18

Left In: -10.291+/-0.141 χ^2/NDF:991.3/20

+ sign -9.044+/-0.131 χ^2/NDF: 1746.0/39

All: -8.905+/-0.093 χ^2/NDF: 3794.9/79

- sign -8.763+/-0.133 χ^2/NDF: 2046.6/39

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug

Right In: -32.817+/-0.254 χ^2/NDF: 4666.6/16

Left Out: -37.965+/-0.123 χ^2/NDF:936.5/22

Right Out: -32.501+/-0.244 χ^2/NDF: 6037.9/18

Left In: -37.733+/-0.127 χ^2/NDF:1077.5/20

+ sign -36.991+/-0.110 χ^2/NDF: 5936.2/39

All: -36.809+/-0.079 χ^2/NDF: 13419.2/79

- sign -36.620+/-0.113 χ^2/NDF: 7477.4/39

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug

Right In: 0.090+/-0.013 χ^2/NDF: 79.2/16

Left Out: 0.443+/-0.006 χ^2/NDF:1158.6/22

Right Out: 0.058+/-0.012 χ^2/NDF: 87.3/18

Left In: 0.417+/-0.006 χ^2/NDF:1557.1/20

+ sign 0.386+/-0.005 χ^2/NDF: 1881.4/39

All: 0.370+/-0.004 χ^2/NDF: 4265.7/79

- sign 0.355+/-0.005 χ^2/NDF: 2365.2/39

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug

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

Left Out: -15.253+/-0.111 χ^2/NDF:9254.3/22

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

Left In: -13.729+/-0.113 χ^2/NDF:7315.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -14.505+/-0.079 χ^2/NDF: 16662.0/43

- 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: 6.226+/-0.089 χ^2/NDF:4469.4/22

Right Out: 3.885+/-0.316 χ^2/NDF: 134.4/18

Left In: 5.694+/-0.089 χ^2/NDF:2949.4/20

+ sign 6.035+/-0.085 χ^2/NDF: 4666.9/39

All: 5.799+/-0.060 χ^2/NDF: 7796.4/79

- sign 5.561+/-0.086 χ^2/NDF: 3114.1/39

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug

Right In: -56.379+/-0.542 χ^2/NDF: 587.4/16

Left Out: -46.552+/-0.112 χ^2/NDF:16141.1/22

Right Out: -57.258+/-0.536 χ^2/NDF: 476.1/18

Left In: -46.576+/-0.113 χ^2/NDF:14273.0/20

+ sign -46.953+/-0.109 χ^2/NDF: 17043.9/39

All: -46.993+/-0.078 χ^2/NDF: 32173.6/79

- sign -47.033+/-0.111 χ^2/NDF: 15129.5/39

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug

Right In: 2.473+/-0.345 χ^2/NDF: 243.6/16

Left Out: 0.941+/-0.100 χ^2/NDF:3494.8/22

Right Out: 1.928+/-0.355 χ^2/NDF: 266.6/18

Left In: 1.307+/-0.100 χ^2/NDF:2346.9/20

+ sign 1.059+/-0.096 χ^2/NDF: 3756.6/39

All: 1.205+/-0.068 χ^2/NDF: 6377.6/79

- sign 1.353+/-0.096 χ^2/NDF: 2616.4/39

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug

Right In: -0.235+/-0.019 χ^2/NDF: 958.4/16

Left Out: 0.255+/-0.005 χ^2/NDF:629.8/22

Right Out: -0.391+/-0.019 χ^2/NDF: 853.3/18

Left In: 0.245+/-0.005 χ^2/NDF:604.4/20

+ sign 0.228+/-0.004 χ^2/NDF: 2224.3/39

All: 0.219+/-0.003 χ^2/NDF: 4753.3/79

- sign 0.210+/-0.004 χ^2/NDF: 2520.6/39

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug

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

Left Out: -24.389+/-0.054 χ^2/NDF:7978.6/22

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

Left In: -23.285+/-0.054 χ^2/NDF:7887.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -23.839+/-0.038 χ^2/NDF: 16078.1/43

- 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: -5.733+/-0.043 χ^2/NDF:2068.5/22

Right Out: -7.992+/-0.186 χ^2/NDF: 225.5/18

Left In: -5.925+/-0.042 χ^2/NDF:1813.5/20

+ sign -5.828+/-0.041 χ^2/NDF: 2563.1/39

All: -5.928+/-0.029 χ^2/NDF: 4731.2/79

- sign -6.025+/-0.041 χ^2/NDF: 2156.7/39

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug

Right In: 10.077+/-0.337 χ^2/NDF: 252.8/16

Left Out: -2.424+/-0.054 χ^2/NDF:15391.8/22

Right Out: 12.620+/-0.332 χ^2/NDF: 220.0/18

Left In: -2.386+/-0.054 χ^2/NDF:14685.6/20

+ sign -2.112+/-0.053 χ^2/NDF: 16988.2/39

All: -2.058+/-0.038 χ^2/NDF: 33881.6/79

- sign -2.004+/-0.053 χ^2/NDF: 16891.3/39

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug

Right In: 20.965+/-0.209 χ^2/NDF: 1225.5/16

Left Out: 20.130+/-0.048 χ^2/NDF:1360.1/22

Right Out: 20.716+/-0.213 χ^2/NDF: 729.9/18

Left In: 20.329+/-0.047 χ^2/NDF:1313.0/20

+ sign 20.171+/-0.047 χ^2/NDF: 2600.7/39

All: 20.259+/-0.033 χ^2/NDF: 4654.0/79

- sign 20.347+/-0.046 χ^2/NDF: 2046.1/39

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug

Right In: -0.172+/-0.011 χ^2/NDF: 464.2/16

Left Out: -0.123+/-0.002 χ^2/NDF:504.5/22

Right Out: -0.222+/-0.011 χ^2/NDF: 536.1/18

Left In: -0.126+/-0.002 χ^2/NDF:567.8/20

+ sign -0.125+/-0.002 χ^2/NDF: 986.7/39

All: -0.127+/-0.002 χ^2/NDF: 2167.3/79

- sign -0.130+/-0.002 χ^2/NDF: 1178.6/39

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug

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

Left Out: -10.353+/-0.094 χ^2/NDF:1921.2/22

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

Left In: -9.343+/-0.097 χ^2/NDF:1506.1/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -9.865+/-0.068 χ^2/NDF: 3483.0/43

- 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: 7.170+/-0.077 χ^2/NDF:817.1/22

Right Out: 6.040+/-0.434 χ^2/NDF: 1512.1/18

Left In: 6.821+/-0.078 χ^2/NDF:1504.2/20

+ sign 7.190+/-0.076 χ^2/NDF: 2177.4/39

All: 6.996+/-0.054 χ^2/NDF: 5210.2/79

- sign 6.797+/-0.077 χ^2/NDF: 3019.5/39

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug

Right In: -50.966+/-0.738 χ^2/NDF: 332.7/16

Left Out: -36.068+/-0.095 χ^2/NDF:12143.2/22

Right Out: -49.497+/-0.797 χ^2/NDF: 510.4/18

Left In: -36.241+/-0.097 χ^2/NDF:11010.0/20

+ sign -36.310+/-0.094 χ^2/NDF: 12877.1/39

All: -36.371+/-0.067 χ^2/NDF: 24670.8/79

- sign -36.436+/-0.097 χ^2/NDF: 11792.8/39

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug

Right In: -63.656+/-0.445 χ^2/NDF: 2014.7/16

Left Out: -30.933+/-0.086 χ^2/NDF:7665.0/22

Right Out: -64.470+/-0.483 χ^2/NDF: 1606.8/18

Left In: -30.220+/-0.087 χ^2/NDF:6969.7/20

+ sign -32.109+/-0.084 χ^2/NDF: 14884.2/39

All: -31.714+/-0.060 χ^2/NDF: 28384.6/79

- sign -31.305+/-0.086 χ^2/NDF: 13455.8/39

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug

Right In: 0.149+/-0.024 χ^2/NDF: 989.9/16

Left Out: 0.559+/-0.004 χ^2/NDF:519.3/22

Right Out: -0.054+/-0.026 χ^2/NDF: 1167.9/18

Left In: 0.543+/-0.004 χ^2/NDF:658.9/20

+ sign 0.548+/-0.004 χ^2/NDF: 1794.0/39

All: 0.539+/-0.003 χ^2/NDF: 4139.7/79

- sign 0.529+/-0.004 χ^2/NDF: 2334.3/39

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug

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

Left Out: -32.539+/-0.317 χ^2/NDF:462.7/22

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

Left In: -30.386+/-0.333 χ^2/NDF:448.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -31.516+/-0.230 χ^2/NDF: 933.5/43

- 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: -34.163+/-0.251 χ^2/NDF:676.8/22

Right Out: -49.008+/-0.764 χ^2/NDF: 1271.7/18

Left In: -34.221+/-0.262 χ^2/NDF:1529.0/20

+ sign -35.466+/-0.237 χ^2/NDF: 2012.6/39

All: -35.617+/-0.171 χ^2/NDF: 5149.4/79

- sign -35.782+/-0.248 χ^2/NDF: 3135.9/39

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug

Right In: -62.242+/-1.310 χ^2/NDF: 67.4/16

Left Out: -94.965+/-0.317 χ^2/NDF:711.3/22

Right Out: -61.142+/-1.379 χ^2/NDF: 165.6/18

Left In: -96.851+/-0.330 χ^2/NDF:717.5/20

+ sign -93.152+/-0.308 χ^2/NDF: 1368.0/39

All: -93.996+/-0.223 χ^2/NDF: 2900.4/79

- sign -94.913+/-0.321 χ^2/NDF: 1516.8/39

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug

Right In: -107.066+/-0.811 χ^2/NDF: 828.4/16

Left Out: -109.644+/-0.283 χ^2/NDF:782.2/22

Right Out: -104.269+/-0.861 χ^2/NDF: 1018.6/18

Left In: -109.259+/-0.294 χ^2/NDF:1556.2/20

+ sign -109.365+/-0.267 χ^2/NDF: 1619.6/39

All: -109.065+/-0.193 χ^2/NDF: 4227.2/79

- sign -108.737+/-0.278 χ^2/NDF: 2604.9/39

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug

Right In: -0.081+/-0.042 χ^2/NDF: 329.0/16

Left Out: 1.028+/-0.013 χ^2/NDF:547.5/22

Right Out: -0.376+/-0.044 χ^2/NDF: 583.0/18

Left In: 1.004+/-0.013 χ^2/NDF:771.8/20

+ sign 0.932+/-0.012 χ^2/NDF: 1508.7/39

All: 0.910+/-0.009 χ^2/NDF: 3774.4/79

- sign 0.888+/-0.013 χ^2/NDF: 2259.6/39

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug

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

Left Out: -41.559+/-0.232 χ^2/NDF:16352.1/22

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

Left In: -38.386+/-0.238 χ^2/NDF:12250.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -40.013+/-0.166 χ^2/NDF: 28693.3/43

- 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: -1.286+/-0.179 χ^2/NDF:7887.3/22

Right Out: -5.908+/-0.429 χ^2/NDF: 1293.1/18

Left In: -2.005+/-0.184 χ^2/NDF:5055.2/20

+ sign -2.264+/-0.165 χ^2/NDF: 9068.4/39

All: -2.433+/-0.118 χ^2/NDF: 15488.7/79

- sign -2.610+/-0.169 χ^2/NDF: 6418.2/39

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug

Right In: -59.214+/-0.744 χ^2/NDF: 1720.4/16

Left Out: -58.392+/-0.232 χ^2/NDF:16917.9/22

Right Out: -60.513+/-0.704 χ^2/NDF: 1383.9/18

Left In: -59.853+/-0.237 χ^2/NDF:14293.0/20

+ sign -58.465+/-0.222 χ^2/NDF: 18639.4/39

All: -59.184+/-0.158 χ^2/NDF: 34338.3/79

- sign -59.920+/-0.225 χ^2/NDF: 15677.7/39

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug

Right In: 111.599+/-0.487 χ^2/NDF: 5959.5/16

Left Out: 109.365+/-0.204 χ^2/NDF:6978.7/22

Right Out: 107.238+/-0.488 χ^2/NDF: 7037.4/18

Left In: 108.315+/-0.208 χ^2/NDF:5062.8/20

+ sign 109.698+/-0.188 χ^2/NDF: 12956.2/39

All: 108.938+/-0.134 χ^2/NDF: 25093.8/79

- sign 108.149+/-0.192 χ^2/NDF: 12104.3/39

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug

Right In: -0.693+/-0.026 χ^2/NDF: 993.1/16

Left Out: -0.328+/-0.009 χ^2/NDF:1771.8/22

Right Out: -0.813+/-0.024 χ^2/NDF: 1310.7/18

Left In: -0.314+/-0.010 χ^2/NDF:1992.9/20

+ sign -0.371+/-0.009 χ^2/NDF: 2941.8/39

All: -0.376+/-0.006 χ^2/NDF: 6609.6/79

- sign -0.381+/-0.009 χ^2/NDF: 3667.2/39

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug

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

Left Out: -40.564+/-0.195 χ^2/NDF:8122.9/22

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

Left In: -38.295+/-0.199 χ^2/NDF:5844.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -39.457+/-0.139 χ^2/NDF: 14034.2/43

- 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: 34.377+/-0.152 χ^2/NDF:3337.3/22

Right Out: 33.180+/-0.379 χ^2/NDF: 770.3/18

Left In: 33.848+/-0.156 χ^2/NDF:1887.6/20

+ sign 34.080+/-0.141 χ^2/NDF: 3816.3/39

All: 33.920+/-0.101 χ^2/NDF: 6479.5/79

- sign 33.752+/-0.144 χ^2/NDF: 2660.5/39

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug

Right In: -18.721+/-0.665 χ^2/NDF: 519.6/16

Left Out: -29.766+/-0.195 χ^2/NDF:9274.0/22

Right Out: -18.306+/-0.644 χ^2/NDF: 472.6/18

Left In: -30.618+/-0.198 χ^2/NDF:8030.5/20

+ sign -28.894+/-0.187 χ^2/NDF: 10047.4/39

All: -29.217+/-0.133 χ^2/NDF: 18890.8/79

- sign -29.549+/-0.190 χ^2/NDF: 8837.3/39

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug

Right In: 72.875+/-0.426 χ^2/NDF: 4737.9/16

Left Out: 70.887+/-0.172 χ^2/NDF:4347.1/22

Right Out: 70.815+/-0.433 χ^2/NDF: 5489.3/18

Left In: 69.925+/-0.176 χ^2/NDF:3123.4/20

+ sign 71.165+/-0.159 χ^2/NDF: 9103.8/39

All: 70.620+/-0.114 χ^2/NDF: 17744.0/79

- sign 70.051+/-0.163 χ^2/NDF: 8616.3/39

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug

Right In: -0.499+/-0.022 χ^2/NDF: 303.5/16

Left Out: -0.525+/-0.008 χ^2/NDF:1260.0/22

Right Out: -0.561+/-0.021 χ^2/NDF: 562.3/18

Left In: -0.503+/-0.008 χ^2/NDF:1478.2/20

+ sign -0.522+/-0.007 χ^2/NDF: 1564.7/39

All: -0.516+/-0.005 χ^2/NDF: 3613.1/79

- sign -0.510+/-0.007 χ^2/NDF: 2047.1/39

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: -11.630+/-0.070 χ^2/NDF:950.1/22

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

Left In: -11.222+/-0.073 χ^2/NDF:1236.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -11.433+/-0.050 χ^2/NDF: 2203.4/43

- 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: -30.166+/-0.056 χ^2/NDF:719.5/22

Right Out: -34.277+/-0.151 χ^2/NDF: 1349.5/18

Left In: -30.106+/-0.058 χ^2/NDF:1280.5/20

+ sign -30.633+/-0.052 χ^2/NDF: 2642.1/39

All: -30.636+/-0.038 χ^2/NDF: 5938.9/79

- sign -30.640+/-0.054 χ^2/NDF: 3296.8/39

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: -7.588+/-0.070 χ^2/NDF:2516.3/22

Right Out: 7.177+/-0.274 χ^2/NDF: 182.6/18

Left In: -7.749+/-0.072 χ^2/NDF:2942.5/20

+ sign -6.764+/-0.068 χ^2/NDF: 4834.6/39

All: -6.774+/-0.049 χ^2/NDF: 10732.0/79

- sign -6.784+/-0.070 χ^2/NDF: 5897.3/39

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: -8.954+/-0.062 χ^2/NDF:867.9/22

Right Out: -4.782+/-0.173 χ^2/NDF: 2040.4/18

Left In: -8.786+/-0.064 χ^2/NDF:1547.8/20

+ sign -8.549+/-0.059 χ^2/NDF: 3346.3/39

All: -8.427+/-0.042 χ^2/NDF: 7414.8/79

- sign -8.298+/-0.060 χ^2/NDF: 4059.6/39

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: 0.172+/-0.003 χ^2/NDF:881.9/22

Right Out: -0.103+/-0.008 χ^2/NDF: 435.5/18

Left In: 0.162+/-0.003 χ^2/NDF:1102.4/20

+ sign 0.148+/-0.003 χ^2/NDF: 1778.9/39

All: 0.141+/-0.002 χ^2/NDF: 4215.2/79

- sign 0.135+/-0.003 χ^2/NDF: 2424.3/39

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: 2.602+/-0.062 χ^2/NDF:791.7/22

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

Left In: 2.220+/-0.064 χ^2/NDF:802.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2.417+/-0.045 χ^2/NDF: 1612.7/43

- 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: -2.075+/-0.050 χ^2/NDF:528.9/22

Right Out: -3.544+/-0.155 χ^2/NDF: 291.7/18

Left In: -2.030+/-0.051 χ^2/NDF:639.5/20

+ sign -2.156+/-0.047 χ^2/NDF: 703.4/39

All: -2.166+/-0.034 χ^2/NDF: 1721.3/79

- sign -2.176+/-0.048 χ^2/NDF: 1017.8/39

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: 25.619+/-0.062 χ^2/NDF:7822.6/22

Right Out: 31.000+/-0.260 χ^2/NDF: 479.5/18

Left In: 25.404+/-0.064 χ^2/NDF:7364.3/20

+ sign 25.844+/-0.061 χ^2/NDF: 8629.2/39

All: 25.785+/-0.043 χ^2/NDF: 16911.9/79

- sign 25.723+/-0.062 χ^2/NDF: 8280.7/39

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: 23.855+/-0.056 χ^2/NDF:1751.8/22

Right Out: 12.435+/-0.174 χ^2/NDF: 6962.9/18

Left In: 23.467+/-0.057 χ^2/NDF:1390.4/20

+ sign 22.914+/-0.053 χ^2/NDF: 12147.6/39

All: 22.663+/-0.038 χ^2/NDF: 24192.3/79

- sign 22.403+/-0.054 χ^2/NDF: 11999.2/39

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: -0.118+/-0.003 χ^2/NDF:254.2/22

Right Out: 0.139+/-0.009 χ^2/NDF: 3016.8/18

Left In: -0.108+/-0.003 χ^2/NDF:318.2/20

+ sign -0.095+/-0.002 χ^2/NDF: 2206.3/39

All: -0.093+/-0.002 χ^2/NDF: 6212.3/79

- sign -0.090+/-0.002 χ^2/NDF: 4003.8/39

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: -38.176+/-0.178 χ^2/NDF:3665.8/22

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

Left In: -36.223+/-0.185 χ^2/NDF:2464.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -37.236+/-0.129 χ^2/NDF: 6187.7/43

- 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: 0.980+/-0.141 χ^2/NDF:1615.3/22

Right Out: -10.446+/-0.491 χ^2/NDF: 428.4/18

Left In: 0.645+/-0.145 χ^2/NDF:1798.7/20

+ sign 0.192+/-0.135 χ^2/NDF: 2392.9/39

All: -0.021+/-0.097 χ^2/NDF: 5093.9/79

- sign -0.249+/-0.139 χ^2/NDF: 2695.9/39

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: -60.715+/-0.179 χ^2/NDF:5258.2/22

Right Out: -43.262+/-0.866 χ^2/NDF: 154.2/18

Left In: -61.754+/-0.184 χ^2/NDF:4354.9/20

+ sign -59.940+/-0.175 χ^2/NDF: 5784.5/39

All: -60.431+/-0.126 χ^2/NDF: 10745.6/79

- sign -60.953+/-0.180 χ^2/NDF: 4944.8/39

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: -19.809+/-0.159 χ^2/NDF:1838.8/22

Right Out: -10.765+/-0.554 χ^2/NDF: 366.6/18

Left In: -20.140+/-0.164 χ^2/NDF:2252.8/20

+ sign -19.169+/-0.152 χ^2/NDF: 2503.2/39

All: -19.275+/-0.109 χ^2/NDF: 5387.4/79

- sign -19.387+/-0.157 χ^2/NDF: 2883.2/39

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: 0.238+/-0.007 χ^2/NDF:92.1/22

Right Out: -0.478+/-0.029 χ^2/NDF: 631.2/18

Left In: 0.232+/-0.007 χ^2/NDF:113.4/20

+ sign 0.201+/-0.007 χ^2/NDF: 831.6/39

All: 0.194+/-0.005 χ^2/NDF: 2157.3/79

- sign 0.186+/-0.007 χ^2/NDF: 1323.4/39

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: 14.907+/-0.105 χ^2/NDF:17200.6/22

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

Left In: 13.566+/-0.108 χ^2/NDF:13711.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 14.253+/-0.075 χ^2/NDF: 30991.6/43

- 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: 4.074+/-0.081 χ^2/NDF:8394.5/22

Right Out: 8.454+/-0.213 χ^2/NDF: 6704.4/18

Left In: 4.219+/-0.083 χ^2/NDF:6842.4/20

+ sign 4.566+/-0.076 χ^2/NDF: 14060.8/39

All: 4.671+/-0.054 χ^2/NDF: 27953.4/79

- sign 4.780+/-0.078 χ^2/NDF: 13888.7/39

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: 9.411+/-0.105 χ^2/NDF:12166.6/22

Right Out: 10.337+/-0.416 χ^2/NDF: 2281.8/18

Left In: 10.603+/-0.107 χ^2/NDF:10484.2/20

+ sign 9.302+/-0.102 χ^2/NDF: 14509.4/39

All: 9.933+/-0.073 χ^2/NDF: 27354.0/79

- sign 10.586+/-0.104 χ^2/NDF: 12766.4/39

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: -71.952+/-0.092 χ^2/NDF:15463.2/22

Right Out: -102.354+/-0.246 χ^2/NDF: 6078.9/18

Left In: -70.775+/-0.094 χ^2/NDF:12093.5/20

+ sign -75.447+/-0.086 χ^2/NDF: 31835.5/39

All: -75.144+/-0.062 χ^2/NDF: 64370.1/79

- sign -74.829+/-0.088 χ^2/NDF: 32509.6/39

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: 0.446+/-0.004 χ^2/NDF:2462.1/22

Right Out: 0.175+/-0.013 χ^2/NDF: 966.7/18

Left In: 0.430+/-0.004 χ^2/NDF:3050.1/20

+ sign 0.431+/-0.004 χ^2/NDF: 3256.2/39

All: 0.419+/-0.003 χ^2/NDF: 7617.6/79

- sign 0.406+/-0.004 χ^2/NDF: 4342.4/39

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug

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

Left Out: -24.317+/-0.145 χ^2/NDF:16396.0/22

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

Left In: -22.405+/-0.149 χ^2/NDF:12368.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -23.386+/-0.104 χ^2/NDF: 28849.0/43

- 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: -0.217+/-0.112 χ^2/NDF:7476.1/22

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

Left In: -0.617+/-0.115 χ^2/NDF:4809.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.411+/-0.080 χ^2/NDF: 12291.7/43

- 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: -28.600+/-0.145 χ^2/NDF:15522.1/22

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

Left In: -29.699+/-0.148 χ^2/NDF:12993.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -29.139+/-0.104 χ^2/NDF: 28544.1/43

- 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: 79.694+/-0.127 χ^2/NDF:5737.9/22

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

Left In: 78.927+/-0.130 χ^2/NDF:4355.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 79.320+/-0.091 χ^2/NDF: 10111.4/43

- 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: -0.139+/-0.006 χ^2/NDF:2006.2/22

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

Left In: -0.127+/-0.006 χ^2/NDF:2334.1/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.133+/-0.004 χ^2/NDF: 4342.4/43

- 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: -28.781+/-0.164 χ^2/NDF:15056.7/22

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

Left In: -26.404+/-0.168 χ^2/NDF:11312.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -27.618+/-0.117 χ^2/NDF: 26472.0/43

- 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: 2.591+/-0.128 χ^2/NDF:7279.1/22

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

Left In: 1.915+/-0.130 χ^2/NDF:4581.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2.259+/-0.092 χ^2/NDF: 11874.0/43

- 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: -52.496+/-0.165 χ^2/NDF:17873.4/22

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

Left In: -53.169+/-0.168 χ^2/NDF:15312.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -52.827+/-0.117 χ^2/NDF: 33193.6/43

- 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: 54.806+/-0.145 χ^2/NDF:5904.8/22

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

Left In: 54.502+/-0.148 χ^2/NDF:4118.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 54.657+/-0.103 χ^2/NDF: 10024.9/43

- 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: -0.041+/-0.007 χ^2/NDF:1432.3/22

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

Left In: -0.038+/-0.007 χ^2/NDF:1511.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.039+/-0.005 χ^2/NDF: 2944.2/43

- 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: -9.906+/-0.053 χ^2/NDF:11197.0/22

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

Left In: -9.119+/-0.054 χ^2/NDF:7756.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -9.519+/-0.038 χ^2/NDF: 19061.8/43

- 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: 4.404+/-0.042 χ^2/NDF:4291.0/22

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

Left In: 4.054+/-0.042 χ^2/NDF:3260.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4.230+/-0.030 χ^2/NDF: 7585.9/43

- 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: -17.352+/-0.053 χ^2/NDF:20465.5/22

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

Left In: -17.533+/-0.054 χ^2/NDF:16739.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -17.442+/-0.038 χ^2/NDF: 37210.7/43

- 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: 8.190+/-0.047 χ^2/NDF:6003.9/22

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

Left In: 8.465+/-0.048 χ^2/NDF:5255.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 8.326+/-0.034 χ^2/NDF: 11275.7/43

- 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: 0.297+/-0.002 χ^2/NDF:1505.1/22

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

Left In: 0.296+/-0.002 χ^2/NDF:1327.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.296+/-0.002 χ^2/NDF: 2832.8/43

- 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: -13.042+/-0.099 χ^2/NDF:5250.7/22

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

Left In: -11.768+/-0.102 χ^2/NDF:3994.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -12.420+/-0.071 χ^2/NDF: 9325.4/43

- 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: 6.865+/-0.081 χ^2/NDF:2370.8/22

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

Left In: 6.383+/-0.081 χ^2/NDF:1933.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 6.625+/-0.057 χ^2/NDF: 4322.0/43

- 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: -41.155+/-0.100 χ^2/NDF:14720.1/22

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

Left In: -41.232+/-0.102 χ^2/NDF:12910.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -41.193+/-0.071 χ^2/NDF: 27631.1/43

- 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: -15.432+/-0.090 χ^2/NDF:2373.2/22

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

Left In: -14.796+/-0.091 χ^2/NDF:2166.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -15.117+/-0.064 χ^2/NDF: 4564.8/43

- 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: 0.408+/-0.004 χ^2/NDF:421.2/22

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

Left In: 0.394+/-0.004 χ^2/NDF:427.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.401+/-0.003 χ^2/NDF: 854.0/43

- 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: 17.168+/-0.091 χ^2/NDF:14503.6/22

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

Left In: 15.921+/-0.094 χ^2/NDF:10808.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 16.559+/-0.065 χ^2/NDF: 25402.7/43

- 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: 0.963+/-0.072 χ^2/NDF:7715.1/22

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

Left In: 1.282+/-0.073 χ^2/NDF:5028.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1.120+/-0.051 χ^2/NDF: 12753.8/43

- 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: 29.598+/-0.092 χ^2/NDF:17366.9/22

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

Left In: 29.967+/-0.094 χ^2/NDF:14958.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 29.779+/-0.066 χ^2/NDF: 32333.8/43

- 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: -29.464+/-0.081 χ^2/NDF:8549.0/22

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

Left In: -29.238+/-0.082 χ^2/NDF:5917.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -29.353+/-0.058 χ^2/NDF: 14470.4/43

- 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: 0.189+/-0.004 χ^2/NDF:1250.0/22

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

Left In: 0.187+/-0.004 χ^2/NDF:1336.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.188+/-0.003 χ^2/NDF: 2586.8/43

- 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: 12.894+/-0.078 χ^2/NDF:15291.3/22

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

Left In: 12.035+/-0.081 χ^2/NDF:11657.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 12.476+/-0.056 χ^2/NDF: 27007.3/43

- 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: 3.606+/-0.060 χ^2/NDF:7322.6/22

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

Left In: 3.685+/-0.062 χ^2/NDF:5457.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3.644+/-0.043 χ^2/NDF: 12780.5/43

- 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: 4.747+/-0.078 χ^2/NDF:12187.0/22

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

Left In: 5.668+/-0.080 χ^2/NDF:9675.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 5.198+/-0.056 χ^2/NDF: 21930.6/43

- 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: -54.397+/-0.068 χ^2/NDF:7974.6/22

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

Left In: -53.692+/-0.070 χ^2/NDF:6434.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -54.054+/-0.049 χ^2/NDF: 14460.8/43

- 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: 0.291+/-0.003 χ^2/NDF:2258.5/22

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

Left In: 0.279+/-0.003 χ^2/NDF:2775.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.285+/-0.002 χ^2/NDF: 5041.6/43

- 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: 0.042+/-0.070 χ^2/NDF:2431.3/22

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

Left In: 0.072+/-0.073 χ^2/NDF:2048.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.056+/-0.051 χ^2/NDF: 4479.7/43

- 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: -2.367+/-0.057 χ^2/NDF:1075.7/22

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

Left In: -2.466+/-0.058 χ^2/NDF:1542.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -2.415+/-0.040 χ^2/NDF: 2619.5/43

- 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: 21.275+/-0.071 χ^2/NDF:5979.0/22

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

Left In: 20.890+/-0.073 χ^2/NDF:5969.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 21.088+/-0.051 χ^2/NDF: 11963.1/43

- 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: 40.427+/-0.063 χ^2/NDF:5636.7/22

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

Left In: 39.836+/-0.065 χ^2/NDF:5239.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 40.138+/-0.045 χ^2/NDF: 10918.4/43

- 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: -0.268+/-0.003 χ^2/NDF:1186.5/22

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

Left In: -0.257+/-0.003 χ^2/NDF:1401.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.262+/-0.002 χ^2/NDF: 2595.7/43

- 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: -2.057+/-0.027 χ^2/NDF:22105.2/22

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

Left In: -1.564+/-0.027 χ^2/NDF:20142.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1.816+/-0.019 χ^2/NDF: 42412.5/43

- 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: -0.454+/-0.021 χ^2/NDF:11547.5/22

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

Left In: -0.527+/-0.022 χ^2/NDF:11751.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.490+/-0.015 χ^2/NDF: 23304.6/43

- 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: -4.729+/-0.027 χ^2/NDF:11617.2/22

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

Left In: -5.002+/-0.027 χ^2/NDF:12948.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -4.863+/-0.019 χ^2/NDF: 24615.5/43

- 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: 16.832+/-0.024 χ^2/NDF:51019.8/22

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

Left In: 16.472+/-0.024 χ^2/NDF:38980.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 16.655+/-0.017 χ^2/NDF: 90110.9/43

- 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: -0.152+/-0.001 χ^2/NDF:3212.9/22

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

Left In: -0.148+/-0.001 χ^2/NDF:3986.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.150+/-0.001 χ^2/NDF: 7205.1/43

- 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: -11.602+/-0.073 χ^2/NDF:15464.2/22

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

Left In: -10.483+/-0.075 χ^2/NDF:11856.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -11.053+/-0.052 χ^2/NDF: 27434.9/43

- 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: 3.559+/-0.057 χ^2/NDF:6698.2/22

Right Out: 0.209+/-0.175 χ^2/NDF: 273.5/18

Left In: 3.208+/-0.058 χ^2/NDF:4062.9/20

+ sign 3.255+/-0.054 χ^2/NDF: 7265.2/39

All: 3.085+/-0.039 χ^2/NDF: 11887.0/79

- sign 2.910+/-0.055 χ^2/NDF: 4601.8/39

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug

Right In: -26.012+/-0.300 χ^2/NDF: 692.9/16

Left Out: -22.939+/-0.074 χ^2/NDF:18225.7/22

Right Out: -26.829+/-0.297 χ^2/NDF: 581.6/18

Left In: -23.234+/-0.075 χ^2/NDF:15614.2/20

+ sign -23.115+/-0.072 χ^2/NDF: 19017.7/39

All: -23.279+/-0.051 χ^2/NDF: 35361.6/79

- sign -23.447+/-0.072 χ^2/NDF: 16333.2/39

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug

Right In: 16.253+/-0.191 χ^2/NDF: 7611.3/16

Left Out: 25.292+/-0.065 χ^2/NDF:3566.9/22

Right Out: 15.318+/-0.197 χ^2/NDF: 7280.1/18

Left In: 25.223+/-0.066 χ^2/NDF:2500.9/20

+ sign 24.362+/-0.061 χ^2/NDF: 13186.9/39

All: 24.298+/-0.044 χ^2/NDF: 25245.2/79

- sign 24.231+/-0.062 χ^2/NDF: 12056.0/39

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug

Right In: -0.036+/-0.010 χ^2/NDF: 1014.5/16

Left Out: 0.148+/-0.003 χ^2/NDF:1653.9/22

Right Out: -0.132+/-0.010 χ^2/NDF: 1171.3/18

Left In: 0.149+/-0.003 χ^2/NDF:1740.4/20

+ sign 0.134+/-0.003 χ^2/NDF: 2961.4/39

All: 0.131+/-0.002 χ^2/NDF: 6554.9/79

- sign 0.127+/-0.003 χ^2/NDF: 3590.9/39

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug

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

Left Out: -27.105+/-0.144 χ^2/NDF:13183.5/22

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

Left In: -25.077+/-0.147 χ^2/NDF:9489.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -26.113+/-0.103 χ^2/NDF: 22771.0/43

- 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: 3.456+/-0.113 χ^2/NDF:6225.5/22

Right Out: -4.694+/-0.427 χ^2/NDF: 298.3/18

Left In: 2.771+/-0.114 χ^2/NDF:3975.7/20

+ sign 2.994+/-0.109 χ^2/NDF: 6741.6/39

All: 2.637+/-0.078 χ^2/NDF: 11322.9/79

- sign 2.269+/-0.111 χ^2/NDF: 4559.5/39

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug

Right In: -62.887+/-0.738 χ^2/NDF: 368.7/16

Left Out: -47.094+/-0.144 χ^2/NDF:18508.0/22

Right Out: -64.502+/-0.751 χ^2/NDF: 444.1/18

Left In: -47.628+/-0.147 χ^2/NDF:15544.6/20

+ sign -47.675+/-0.142 χ^2/NDF: 19317.9/39

All: -47.956+/-0.101 χ^2/NDF: 35800.7/79

- sign -48.246+/-0.144 χ^2/NDF: 16474.8/39

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug

Right In: 28.425+/-0.457 χ^2/NDF: 3330.3/16

Left Out: 37.380+/-0.127 χ^2/NDF:2941.1/22

Right Out: 27.441+/-0.479 χ^2/NDF: 3033.0/18

Left In: 37.491+/-0.129 χ^2/NDF:2199.3/20

+ sign 36.735+/-0.123 χ^2/NDF: 6627.6/39

All: 36.771+/-0.087 χ^2/NDF: 12271.0/79

- sign 36.808+/-0.125 χ^2/NDF: 5643.2/39

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug

Right In: -0.326+/-0.025 χ^2/NDF: 1013.0/16

Left Out: 0.110+/-0.006 χ^2/NDF:1258.5/22

Right Out: -0.510+/-0.026 χ^2/NDF: 1169.4/18

Left In: 0.110+/-0.006 χ^2/NDF:1221.2/20

+ sign 0.087+/-0.006 χ^2/NDF: 2562.1/39

All: 0.083+/-0.004 χ^2/NDF: 5506.8/79

- sign 0.079+/-0.006 χ^2/NDF: 2943.6/39

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: 7.705+/-0.036 χ^2/NDF:10340.8/22

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

Left In: 7.251+/-0.037 χ^2/NDF:7044.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 7.483+/-0.026 χ^2/NDF: 17461.8/43

- 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: 0.033+/-0.029 χ^2/NDF:5444.4/22

Right Out: 2.365+/-0.123 χ^2/NDF: 336.4/18

Left In: 0.193+/-0.029 χ^2/NDF:3763.3/20

+ sign 0.137+/-0.028 χ^2/NDF: 5966.7/39

All: 0.222+/-0.020 χ^2/NDF: 10381.9/79

- sign 0.309+/-0.028 χ^2/NDF: 4396.7/39

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: 12.073+/-0.036 χ^2/NDF:17704.4/22

Right Out: 17.929+/-0.219 χ^2/NDF: 506.3/18

Left In: 12.207+/-0.037 χ^2/NDF:14886.1/20

+ sign 12.227+/-0.036 χ^2/NDF: 18690.4/39

All: 12.295+/-0.026 χ^2/NDF: 34754.5/79

- sign 12.367+/-0.037 χ^2/NDF: 16056.6/39

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: -6.061+/-0.032 χ^2/NDF:2475.4/22

Right Out: -4.459+/-0.137 χ^2/NDF: 1338.9/18

Left In: -6.147+/-0.033 χ^2/NDF:2133.4/20

+ sign -5.971+/-0.031 χ^2/NDF: 4197.8/39

All: -6.012+/-0.022 χ^2/NDF: 7817.2/79

- sign -6.055+/-0.032 χ^2/NDF: 3615.9/39

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: 0.019+/-0.001 χ^2/NDF:839.0/22

Right Out: 0.182+/-0.007 χ^2/NDF: 1007.8/18

Left In: 0.019+/-0.002 χ^2/NDF:765.7/20

+ sign 0.024+/-0.001 χ^2/NDF: 2196.9/39

All: 0.025+/-0.001 χ^2/NDF: 4434.7/79

- sign 0.026+/-0.001 χ^2/NDF: 2237.1/39

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug
0
−5
−10
−15
−20
−25
−30
−35
−40
140
145
150
155
160
165
170
175
180
Right In: 0.000+/-0.000 χ²/NDF: 0.0/0
Left Out: -19.361+/-0.108 χ²/NDF:14023.5/22
Right Out: 0.000+/-0.000 χ²/NDF: 0.0/0
Left In: -17.789+/-0.110 χ²/NDF:10306.6/20
+ sign 0.000+/-0.000 χ²/NDF: 0.0/0
All: -18.591+/-0.077 χ²/NDF: 24433.8/43
- sign 0.000+/-0.000 χ²/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: 3.496+/-0.085 χ^2/NDF:6418.2/22

Right Out: -2.302+/-0.302 χ^2/NDF: 286.2/18

Left In: 2.977+/-0.086 χ^2/NDF:4015.7/20

+ sign 3.125+/-0.081 χ^2/NDF: 6940.5/39

All: 2.859+/-0.058 χ^2/NDF: 11546.3/79

- sign 2.583+/-0.083 χ^2/NDF: 4583.9/39

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug

Right In: -44.908+/-0.523 χ^2/NDF: 421.2/16

Left Out: -35.028+/-0.109 χ^2/NDF:18531.0/22

Right Out: -46.071+/-0.528 χ^2/NDF: 454.0/18

Left In: -35.437+/-0.110 χ^2/NDF:15632.5/20

+ sign -35.437+/-0.106 χ^2/NDF: 19294.9/39

All: -35.656+/-0.076 χ^2/NDF: 35778.2/79

- sign -35.881+/-0.108 χ^2/NDF: 16474.8/39

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug

Right In: 23.073+/-0.326 χ^2/NDF: 4346.0/16

Left Out: 31.332+/-0.096 χ^2/NDF:3133.8/22

Right Out: 22.122+/-0.340 χ^2/NDF: 4034.4/18

Left In: 31.354+/-0.097 χ^2/NDF:2272.5/20

+ sign 30.677+/-0.092 χ^2/NDF: 8070.8/39

All: 30.668+/-0.065 χ^2/NDF: 15059.8/79

- sign 30.657+/-0.093 χ^2/NDF: 6989.0/39

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug

Right In: -0.182+/-0.018 χ^2/NDF: 998.1/16

Left Out: 0.129+/-0.004 χ^2/NDF:1396.5/22

Right Out: -0.323+/-0.018 χ^2/NDF: 1184.5/18

Left In: 0.130+/-0.004 χ^2/NDF:1391.2/20

+ sign 0.111+/-0.004 χ^2/NDF: 2685.4/39

All: 0.108+/-0.003 χ^2/NDF: 5849.5/79

- sign 0.104+/-0.004 χ^2/NDF: 3162.8/39

reg_asym_atl1_diff_bpm1X_slope vs Slug

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

Left Out: -11.305+/-0.523 χ^2/NDF:1835.1/22

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

Left In: -13.765+/-0.537 χ^2/NDF:1628.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -12.502+/-0.375 χ^2/NDF: 3474.5/43

- 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: 4.246+/-0.404 χ^2/NDF:346.2/22

Right Out: 19.604+/-0.898 χ^2/NDF: 242.0/18

Left In: 5.698+/-0.418 χ^2/NDF:329.1/20

+ sign 6.516+/-0.365 χ^2/NDF: 1036.5/39

All: 7.312+/-0.263 χ^2/NDF: 1814.4/79

- sign 8.172+/-0.379 χ^2/NDF: 768.0/39

reg_asym_atl1_diff_bpm4eX_slope vs Slug

Right In: 75.009+/-1.636 χ^2/NDF: 1999.3/16

Left Out: 47.101+/-0.520 χ^2/NDF:3156.8/22

Right Out: 93.140+/-1.711 χ^2/NDF: 2002.3/18

Left In: 51.060+/-0.532 χ^2/NDF:2144.5/20

+ sign 49.661+/-0.495 χ^2/NDF: 5420.5/39

All: 52.150+/-0.355 χ^2/NDF: 10170.6/79

- sign 54.765+/-0.508 χ^2/NDF: 4698.3/39

reg_asym_atl1_diff_bpm4eY_slope vs Slug

Right In: -33.005+/-0.972 χ^2/NDF: 493.1/16

Left Out: -8.973+/-0.459 χ^2/NDF:392.6/22

Right Out: -36.260+/-1.025 χ^2/NDF: 297.1/18

Left In: -10.491+/-0.473 χ^2/NDF:557.7/20

+ sign -13.361+/-0.415 χ^2/NDF: 1385.6/39

All: -14.161+/-0.299 χ^2/NDF: 2768.8/79

- sign -15.019+/-0.430 χ^2/NDF: 1375.5/39

reg_asym_atl1_diff_bpm12X_slope vs Slug

Right In: -8.751+/-0.059 χ^2/NDF: 576012.4/16

Left Out: -19.251+/-0.021 χ^2/NDF:214016.2/22

Right Out: -13.143+/-0.062 χ^2/NDF: 558628.0/18

Left In: -19.551+/-0.021 χ^2/NDF:152204.3/20

+ sign -18.044+/-0.020 χ^2/NDF: 818243.9/39

All: -18.445+/-0.014 χ^2/NDF: 1539516.7/79

- sign -18.861+/-0.020 χ^2/NDF: 720447.2/39

reg_asym_atl2_diff_bpm1X_slope vs Slug

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

Left Out: -412.497+/-2.091 χ^2/NDF:5218.3/22

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

Left In: -450.039+/-2.212 χ^2/NDF:2744.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -430.216+/-1.520 χ^2/NDF: 8115.3/43

- 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: 1.043+/-1.569 χ^2/NDF:326.7/22

Right Out: 1.265+/-1.920 χ^2/NDF: 303.7/18

Left In: 2.768+/-1.664 χ^2/NDF:233.9/20

+ sign -0.924+/-1.207 χ^2/NDF: 644.9/39

All: 0.537+/-0.871 χ^2/NDF: 1185.9/79

- sign 2.124+/-1.257 χ^2/NDF: 538.0/39

reg_asym_atl2_diff_bpm4eX_slope vs Slug

Right In: 478.526+/-3.630 χ^2/NDF: 1629.0/16

Left Out: 353.653+/-2.090 χ^2/NDF:4848.4/22

Right Out: 474.328+/-3.533 χ^2/NDF: 2287.1/18

Left In: 387.670+/-2.192 χ^2/NDF:2529.9/20

+ sign 384.747+/-1.811 χ^2/NDF: 7366.1/39

All: 397.877+/-1.299 χ^2/NDF: 12725.7/79

- sign 411.760+/-1.863 χ^2/NDF: 5251.5/39

reg_asym_atl2_diff_bpm4eY_slope vs Slug

Right In: 117.585+/-2.193 χ^2/NDF: 706.9/16

Left Out: 135.229+/-1.815 χ^2/NDF:706.7/22

Right Out: 109.400+/-2.210 χ^2/NDF: 571.2/18

Left In: 141.784+/-1.911 χ^2/NDF:310.4/20

+ sign 128.053+/-1.398 χ^2/NDF: 1452.0/39

All: 127.992+/-1.005 χ^2/NDF: 2456.5/79

- sign 127.927+/-1.445 χ^2/NDF: 1004.5/39

reg_asym_atl2_diff_bpm12X_slope vs Slug

Right In: -216.796+/-0.136 χ^2/NDF: 146976.1/16

Left Out: -262.266+/-0.087 χ^2/NDF:631722.5/22

Right Out: -212.869+/-0.130 χ^2/NDF: 116393.6/18

Left In: -276.708+/-0.089 χ^2/NDF:197291.4/20

+ sign -249.020+/-0.073 χ^2/NDF: 858325.7/39

All: -252.621+/-0.052 χ^2/NDF: 1340418.5/79

- sign -256.264+/-0.074 χ^2/NDF: 477227.0/39

reg_asym_atr1_diff_bpm1X_slope vs Slug

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

Left Out: -51.366+/-0.598 χ^2/NDF:739.1/22

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

Left In: -50.137+/-0.614 χ^2/NDF:583.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -50.768+/-0.429 χ^2/NDF: 1325.0/43

- 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: 9.286+/-0.458 χ^2/NDF:127.7/22

Right Out: 18.882+/-0.864 χ^2/NDF: 198.4/18

Left In: 8.972+/-0.475 χ^2/NDF:118.3/20

+ sign 11.119+/-0.409 χ^2/NDF: 410.8/39

All: 11.195+/-0.292 χ^2/NDF: 828.5/79

- sign 11.273+/-0.416 χ^2/NDF: 417.7/39

reg_asym_atr1_diff_bpm4eX_slope vs Slug

Right In: 50.482+/-1.668 χ^2/NDF: 357.9/16

Left Out: -6.576+/-0.594 χ^2/NDF:889.7/22

Right Out: 44.222+/-1.602 χ^2/NDF: 534.4/18

Left In: -7.857+/-0.607 χ^2/NDF:739.8/20

+ sign -0.159+/-0.559 χ^2/NDF: 2286.2/39

All: -0.728+/-0.399 χ^2/NDF: 4486.0/79

- sign -1.315+/-0.568 χ^2/NDF: 2197.7/39

reg_asym_atr1_diff_bpm4eY_slope vs Slug

Right In: -33.292+/-1.033 χ^2/NDF: 289.1/16

Left Out: -16.163+/-0.523 χ^2/NDF:199.2/22

Right Out: -35.566+/-0.992 χ^2/NDF: 287.6/18

Left In: -16.242+/-0.539 χ^2/NDF:290.9/20

+ sign -19.653+/-0.466 χ^2/NDF: 707.3/39

All: -20.141+/-0.332 χ^2/NDF: 1580.7/79

- sign -20.645+/-0.474 χ^2/NDF: 871.2/39

reg_asym_atr1_diff_bpm12X_slope vs Slug

Right In: -21.476+/-0.059 χ^2/NDF: 49009.8/16

Left Out: -20.209+/-0.024 χ^2/NDF:138748.6/22

Right Out: -18.506+/-0.057 χ^2/NDF: 80734.5/18

Left In: -19.239+/-0.024 χ^2/NDF:91951.2/20

+ sign -20.392+/-0.022 χ^2/NDF: 188157.3/39

All: -19.764+/-0.016 χ^2/NDF: 362577.0/79

- sign -19.127+/-0.022 χ^2/NDF: 172823.9/39

reg_asym_atr2_diff_bpm1X_slope vs Slug

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

Left Out: -398.354+/-2.058 χ^2/NDF:2415.7/22

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

Left In: -411.468+/-2.135 χ^2/NDF:1709.1/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -404.672+/-1.482 χ^2/NDF: 4144.4/43

- 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: -3.293+/-1.503 χ^2/NDF:701.5/22

Right Out: -9.417+/-2.613 χ^2/NDF: 369.6/18

Left In: -1.343+/-1.567 χ^2/NDF:522.2/20

+ sign -6.563+/-1.322 χ^2/NDF: 1086.4/39

All: -5.045+/-0.942 χ^2/NDF: 1987.8/79

- sign -3.477+/-1.344 χ^2/NDF: 898.8/39

reg_asym_atr2_diff_bpm4eX_slope vs Slug

Right In: 675.871+/-5.037 χ^2/NDF: 2586.4/16

Left Out: 502.437+/-2.050 χ^2/NDF:2323.6/22

Right Out: 645.014+/-4.761 χ^2/NDF: 3123.3/18

Left In: 511.644+/-2.109 χ^2/NDF:1810.5/20

+ sign 527.075+/-1.898 χ^2/NDF: 5927.1/39

All: 530.247+/-1.353 χ^2/NDF: 11522.6/79

- sign 533.520+/-1.928 χ^2/NDF: 5589.8/39

reg_asym_atr2_diff_bpm4eY_slope vs Slug

Right In: 175.341+/-3.203 χ^2/NDF: 638.5/16

Left Out: 140.777+/-1.754 χ^2/NDF:904.5/22

Right Out: 149.966+/-3.045 χ^2/NDF: 693.2/18

Left In: 137.230+/-1.816 χ^2/NDF:674.0/20

+ sign 148.749+/-1.538 χ^2/NDF: 1632.5/39

All: 144.718+/-1.095 χ^2/NDF: 3026.5/79

- sign 140.572+/-1.560 χ^2/NDF: 1380.0/39

reg_asym_atr2_diff_bpm12X_slope vs Slug

Right In: -238.248+/-0.160 χ^2/NDF: 167125.9/16

Left Out: -264.359+/-0.084 χ^2/NDF:37106.0/22

Right Out: -226.706+/-0.151 χ^2/NDF: 102831.3/18

Left In: -261.708+/-0.085 χ^2/NDF:23152.2/20

+ sign -258.666+/-0.075 χ^2/NDF: 225078.3/39

All: -255.942+/-0.053 χ^2/NDF: 394396.9/79

- sign -253.244+/-0.074 χ^2/NDF: 166668.9/39

reg_asym_atl_avg_diff_bpm1X_slope vs Slug

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

Left Out: -211.477+/-1.147 χ^2/NDF:5432.8/22

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

Left In: -231.466+/-1.209 χ^2/NDF:3162.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -220.938+/-0.832 χ^2/NDF: 8739.0/43

- 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: 2.865+/-0.861 χ^2/NDF:385.0/22

Right Out: 5.534+/-1.071 χ^2/NDF: 239.1/18

Left In: 4.857+/-0.911 χ^2/NDF:293.1/20

+ sign 3.646+/-0.675 χ^2/NDF: 699.1/39

All: 4.373+/-0.484 χ^2/NDF: 1233.9/79

- sign 5.141+/-0.694 χ^2/NDF: 532.4/39

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug

Right In: 201.807+/-1.970 χ^2/NDF: 6754.2/16

Left Out: 198.247+/-1.145 χ^2/NDF:6087.2/22

Right Out: 195.053+/-1.924 χ^2/NDF: 8257.1/18

Left In: 218.818+/-1.198 χ^2/NDF:3095.1/20

+ sign 199.145+/-0.990 χ^2/NDF: 12843.8/39

All: 205.489+/-0.709 χ^2/NDF: 24390.3/79

- sign 212.183+/-1.017 χ^2/NDF: 11462.1/39

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug

Right In: 40.196+/-1.268 χ^2/NDF: 735.0/16

Left Out: 62.677+/-0.995 χ^2/NDF:617.3/22

Right Out: 32.999+/-1.253 χ^2/NDF: 554.1/18

Left In: 64.484+/-1.046 χ^2/NDF:377.2/20

+ sign 54.106+/-0.783 χ^2/NDF: 1546.9/39

All: 52.861+/-0.560 χ^2/NDF: 2855.6/79

- sign 51.551+/-0.803 χ^2/NDF: 1303.5/39

reg_asym_atl_avg_diff_bpm12X_slope vs Slug

Right In: -58.155+/-0.062 χ^2/NDF: 1105509.3/16

Left Out: -140.192+/-0.048 χ^2/NDF:669507.9/22

Right Out: -54.914+/-0.060 χ^2/NDF: 1003885.5/18

Left In: -147.778+/-0.049 χ^2/NDF:227814.7/20

+ sign -109.514+/-0.038 χ^2/NDF: 2886329.7/39

All: -110.230+/-0.027 χ^2/NDF: 5553812.2/79

- sign -110.956+/-0.038 χ^2/NDF: 2666754.1/39

reg_asym_atl_dd_diff_bpm1X_slope vs Slug

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

Left Out: 202.972+/-1.019 χ^2/NDF:3922.8/22

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

Left In: 217.793+/-1.073 χ^2/NDF:1994.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 209.997+/-0.739 χ^2/NDF: 6017.6/43

- 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: 2.356+/-0.768 χ^2/NDF:262.4/22

Right Out: 10.908+/-0.916 χ^2/NDF: 302.6/18

Left In: 2.369+/-0.809 χ^2/NDF:171.1/20

+ sign 6.903+/-0.589 χ^2/NDF: 643.0/39

All: 6.518+/-0.423 χ^2/NDF: 1166.4/79

- sign 6.110+/-0.606 χ^2/NDF: 522.5/39

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug

Right In: -201.384+/-1.779 χ^2/NDF: 623.5/16

Left Out: -156.738+/-1.019 χ^2/NDF:2788.8/22

Right Out: -185.739+/-1.700 χ^2/NDF: 1749.3/18

Left In: -168.004+/-1.064 χ^2/NDF:1677.0/20

+ sign -167.756+/-0.884 χ^2/NDF: 3886.4/39

All: -170.324+/-0.631 χ^2/NDF: 7408.1/79

- sign -172.998+/-0.902 χ^2/NDF: 3504.5/39

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug

Right In: -77.877+/-1.066 χ^2/NDF: 658.2/16

Left Out: -74.160+/-0.887 χ^2/NDF:717.6/22

Right Out: -72.612+/-1.054 χ^2/NDF: 606.9/18

Left In: -77.560+/-0.929 χ^2/NDF:250.5/20

+ sign -75.681+/-0.682 χ^2/NDF: 1383.0/39

All: -75.542+/-0.487 χ^2/NDF: 2252.8/79

- sign -75.396+/-0.697 χ^2/NDF: 869.8/39

reg_asym_atl_dd_diff_bpm12X_slope vs Slug

Right In: 103.188+/-0.070 χ^2/NDF: 273587.8/16

Left Out: 123.222+/-0.042 χ^2/NDF:429117.6/22

Right Out: 85.121+/-0.064 χ^2/NDF: 423521.4/18

Left In: 128.720+/-0.043 χ^2/NDF:142848.0/20

+ sign 117.898+/-0.036 χ^2/NDF: 762275.5/39

All: 116.401+/-0.025 χ^2/NDF: 1652156.8/79

- sign 114.941+/-0.036 χ^2/NDF: 886515.6/39

reg_asym_atr_avg_diff_bpm1X_slope vs Slug

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

Left Out: -225.487+/-1.136 χ^2/NDF:2285.1/22

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

Left In: -231.084+/-1.173 χ^2/NDF:1673.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -228.195+/-0.816 χ^2/NDF: 3970.4/43

- 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: 3.409+/-0.830 χ^2/NDF:624.9/22

Right Out: 2.127+/-1.402 χ^2/NDF: 232.6/18

Left In: 4.218+/-0.862 χ^2/NDF:491.8/20

+ sign 2.276+/-0.727 χ^2/NDF: 859.1/39

All: 2.954+/-0.517 χ^2/NDF: 1586.9/79

- sign 3.644+/-0.735 χ^2/NDF: 726.0/39

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug

Right In: 372.263+/-2.759 χ^2/NDF: 2433.1/16

Left Out: 247.966+/-1.129 χ^2/NDF:2317.4/22

Right Out: 345.135+/-2.562 χ^2/NDF: 3416.5/18

Left In: 251.751+/-1.157 χ^2/NDF:1862.3/20

+ sign 265.783+/-1.045 χ^2/NDF: 6488.6/39

All: 266.672+/-0.742 χ^2/NDF: 12872.2/79

- sign 267.578+/-1.055 χ^2/NDF: 6382.1/39

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug

Right In: 70.867+/-1.743 χ^2/NDF: 427.0/16

Left Out: 61.486+/-0.967 χ^2/NDF:820.4/22

Right Out: 59.546+/-1.633 χ^2/NDF: 490.9/18

Left In: 59.670+/-0.998 χ^2/NDF:663.6/20

+ sign 63.694+/-0.846 χ^2/NDF: 1269.6/39

All: 61.680+/-0.600 χ^2/NDF: 2435.5/79

- sign 59.636+/-0.852 χ^2/NDF: 1154.5/39

reg_asym_atr_avg_diff_bpm12X_slope vs Slug

Right In: -127.105+/-0.089 χ^2/NDF: 167064.7/16

Left Out: -142.292+/-0.046 χ^2/NDF:76169.2/22

Right Out: -116.369+/-0.083 χ^2/NDF: 167595.6/18

Left In: -140.401+/-0.047 χ^2/NDF:47861.7/20

+ sign -139.062+/-0.041 χ^2/NDF: 265938.8/39

All: -136.800+/-0.029 χ^2/NDF: 551022.3/79

- sign -134.589+/-0.041 χ^2/NDF: 279135.3/39

reg_asym_atr_dd_diff_bpm1X_slope vs Slug

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

Left Out: 170.741+/-1.015 χ^2/NDF:2219.3/22

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

Left In: 178.573+/-1.057 χ^2/NDF:1538.1/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 174.496+/-0.732 χ^2/NDF: 3786.0/43

- 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: 7.708+/-0.749 χ^2/NDF:683.6/22

Right Out: 14.055+/-1.392 χ^2/NDF: 436.5/18

Left In: 6.351+/-0.783 χ^2/NDF:483.1/20

+ sign 10.094+/-0.668 χ^2/NDF: 1174.5/39

All: 9.169+/-0.477 χ^2/NDF: 2121.4/79

- sign 8.203+/-0.683 χ^2/NDF: 942.9/39

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug

Right In: -323.721+/-2.668 χ^2/NDF: 1850.8/16

Left Out: -252.287+/-1.013 χ^2/NDF:2003.2/22

Right Out: -310.223+/-2.523 χ^2/NDF: 2300.0/18

Left In: -258.116+/-1.047 χ^2/NDF:1528.1/20

+ sign -261.294+/-0.947 χ^2/NDF: 4480.4/39

All: -263.486+/-0.677 χ^2/NDF: 8683.3/79

- sign -265.770+/-0.967 χ^2/NDF: 4192.0/39

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug

Right In: -105.309+/-1.693 χ^2/NDF: 737.5/16

Left Out: -80.478+/-0.871 χ^2/NDF:861.5/22

Right Out: -93.680+/-1.612 χ^2/NDF: 826.5/18

Left In: -78.437+/-0.905 χ^2/NDF:600.0/20

+ sign -85.669+/-0.774 χ^2/NDF: 1769.0/39

All: -83.915+/-0.553 χ^2/NDF: 3274.0/79

- sign -82.093+/-0.789 χ^2/NDF: 1494.5/39

reg_asym_atr_dd_diff_bpm12X_slope vs Slug

Right In: 108.461+/-0.085 χ^2/NDF: 73302.1/16

Left Out: 121.353+/-0.042 χ^2/NDF:4720.7/22

Right Out: 102.570+/-0.079 χ^2/NDF: 53143.8/18

Left In: 120.893+/-0.042 χ^2/NDF:3322.3/20

+ sign 118.842+/-0.037 χ^2/NDF: 96669.7/39

All: 117.843+/-0.026 χ^2/NDF: 195993.7/79

- sign 116.847+/-0.037 χ^2/NDF: 97898.5/39

reg_asym_at1_avg_diff_bpm1X_slope vs Slug

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

Left Out: -30.951+/-0.407 χ^2/NDF:1645.5/22

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

Left In: -31.671+/-0.419 χ^2/NDF:1525.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -31.301+/-0.292 χ^2/NDF: 3172.7/43

- 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: 6.700+/-0.312 χ^2/NDF:297.2/22

Right Out: 20.390+/-0.644 χ^2/NDF: 365.3/18

Left In: 7.483+/-0.324 χ^2/NDF:336.0/20

+ sign 9.025+/-0.281 χ^2/NDF: 1207.4/39

All: 9.542+/-0.202 χ^2/NDF: 2236.4/79

- sign 10.090+/-0.289 χ^2/NDF: 1022.0/39

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug

Right In: 73.071+/-1.228 χ^2/NDF: 1200.0/16

Left Out: 19.691+/-0.404 χ^2/NDF:2118.6/22

Right Out: 78.241+/-1.223 χ^2/NDF: 1542.7/18

Left In: 21.313+/-0.414 χ^2/NDF:1990.3/20

+ sign 24.913+/-0.384 χ^2/NDF: 5023.8/39

All: 26.016+/-0.274 χ^2/NDF: 10518.9/79

- sign 27.166+/-0.392 χ^2/NDF: 5478.3/39

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug

Right In: -33.991+/-0.736 χ^2/NDF: 719.8/16

Left Out: -12.558+/-0.356 χ^2/NDF:427.9/22

Right Out: -36.719+/-0.737 χ^2/NDF: 542.9/18

Left In: -13.656+/-0.367 χ^2/NDF:707.3/20

+ sign -16.618+/-0.320 χ^2/NDF: 1834.6/39

All: -17.412+/-0.229 χ^2/NDF: 3882.1/79

- sign -18.249+/-0.329 χ^2/NDF: 2034.9/39

reg_asym_at1_avg_diff_bpm12X_slope vs Slug

Right In: -16.408+/-0.044 χ^2/NDF: 474368.4/16

Left Out: -19.411+/-0.016 χ^2/NDF:224706.3/22

Right Out: -18.934+/-0.045 χ^2/NDF: 434152.2/18

Left In: -19.210+/-0.017 χ^2/NDF:192601.6/20

+ sign -19.048+/-0.015 χ^2/NDF: 703093.1/39

All: -19.112+/-0.011 χ^2/NDF: 1329913.5/79

- sign -19.177+/-0.016 χ^2/NDF: 626786.4/39

reg_asym_at1_dd_diff_bpm1X_slope vs Slug

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

Left Out: 19.415+/-0.389 χ^2/NDF:511.6/22

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

Left In: 17.667+/-0.400 χ^2/NDF:339.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 18.565+/-0.279 χ^2/NDF: 860.7/43

- 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: -2.434+/-0.300 χ^2/NDF:100.3/22

Right Out: -0.342+/-0.658 χ^2/NDF: 83.7/18

Left In: -1.631+/-0.311 χ^2/NDF:65.6/20

+ sign -2.082+/-0.273 χ^2/NDF: 228.1/39

All: -1.749+/-0.196 χ^2/NDF: 383.7/79

- sign -1.396+/-0.281 χ^2/NDF: 152.5/39

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug

Right In: 17.328+/-1.239 χ^2/NDF: 943.2/16

Left Out: 27.439+/-0.387 χ^2/NDF:1416.9/22

Right Out: 25.701+/-1.243 χ^2/NDF: 1379.1/18

Left In: 30.041+/-0.396 χ^2/NDF:438.4/20

+ sign 26.542+/-0.369 χ^2/NDF: 2420.7/39

All: 28.058+/-0.264 χ^2/NDF: 4283.8/79

- sign 29.642+/-0.377 χ^2/NDF: 1828.5/39

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug

Right In: -0.059+/-0.744 χ^2/NDF: 76.5/16

Left Out: 3.562+/-0.341 χ^2/NDF:83.6/22

Right Out: 0.326+/-0.749 χ^2/NDF: 55.1/18

Left In: 2.956+/-0.352 χ^2/NDF:62.6/20

+ sign 2.932+/-0.310 χ^2/NDF: 179.8/39

All: 2.712+/-0.222 χ^2/NDF: 308.6/79

- sign 2.480+/-0.319 χ^2/NDF: 127.8/39

reg_asym_at1_dd_diff_bpm12X_slope vs Slug

Right In: 7.454+/-0.044 χ^2/NDF: 356053.3/16

Left Out: 0.215+/-0.016 χ^2/NDF:77773.1/22

Right Out: 3.502+/-0.046 χ^2/NDF: 510579.7/18

Left In: -0.342+/-0.016 χ^2/NDF:14496.6/20

+ sign 1.019+/-0.015 χ^2/NDF: 457434.0/39

All: 0.554+/-0.011 χ^2/NDF: 990859.2/79

- sign 0.076+/-0.015 χ^2/NDF: 531425.1/39

reg_asym_at2_avg_diff_bpm1X_slope vs Slug

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

Left Out: -405.210+/-2.008 χ^2/NDF:3348.4/22

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

Left In: -434.240+/-2.141 χ^2/NDF:2190.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -418.790+/-1.465 χ^2/NDF: 5636.5/43

- 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: -1.201+/-1.477 χ^2/NDF:516.7/22

Right Out: -5.363+/-2.264 χ^2/NDF: 344.6/18

Left In: 0.697+/-1.586 χ^2/NDF:373.7/20

+ sign -4.478+/-1.244 χ^2/NDF: 874.8/39

All: -2.955+/-0.899 χ^2/NDF: 1601.0/79

- sign -1.297+/-1.299 χ^2/NDF: 723.1/39

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug

Right In: 588.421+/-4.320 χ^2/NDF: 2130.2/16

Left Out: 428.177+/-2.007 χ^2/NDF:2944.2/22

Right Out: 567.451+/-4.137 χ^2/NDF: 2784.8/18

Left In: 452.444+/-2.118 χ^2/NDF:2178.6/20

+ sign 456.618+/-1.820 χ^2/NDF: 6205.9/39

All: 466.127+/-1.309 χ^2/NDF: 11838.2/79

- sign 476.329+/-1.885 χ^2/NDF: 5575.8/39

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug

Right In: 150.891+/-2.674 χ^2/NDF: 634.8/16

Left Out: 137.645+/-1.721 χ^2/NDF:700.1/22

Right Out: 134.381+/-2.620 χ^2/NDF: 584.9/18

Left In: 140.486+/-1.832 χ^2/NDF:450.4/20

+ sign 141.524+/-1.447 χ^2/NDF: 1352.3/39

All: 140.059+/-1.042 χ^2/NDF: 2393.4/79

- sign 138.480+/-1.502 χ^2/NDF: 1038.9/39

reg_asym_at2_avg_diff_bpm12X_slope vs Slug

Right In: -234.341+/-0.148 χ^2/NDF: 145165.1/16

Left Out: -263.129+/-0.083 χ^2/NDF:209994.5/22

Right Out: -226.716+/-0.141 χ^2/NDF: 99440.4/18

Left In: -271.246+/-0.086 χ^2/NDF:80048.3/20

+ sign -256.257+/-0.072 χ^2/NDF: 383845.0/39

All: -257.713+/-0.052 χ^2/NDF: 636598.5/79

- sign -259.210+/-0.073 χ^2/NDF: 251934.8/39

reg_asym_at2_dd_diff_bpm1X_slope vs Slug

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

Left Out: 25.497+/-0.418 χ^2/NDF:4133.1/22

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

Left In: 25.946+/-0.426 χ^2/NDF:2393.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 25.717+/-0.298 χ^2/NDF: 6527.0/43

- 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: -5.104+/-0.325 χ^2/NDF:766.9/22

Right Out: -7.256+/-0.762 χ^2/NDF: 257.3/18

Left In: -5.033+/-0.332 χ^2/NDF:559.3/20

+ sign -5.442+/-0.300 χ^2/NDF: 1057.8/39

All: -5.416+/-0.214 χ^2/NDF: 1881.6/79

- sign -5.388+/-0.305 χ^2/NDF: 823.8/39

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug

Right In: 117.302+/-1.409 χ^2/NDF: 2161.3/16

Left Out: 55.346+/-0.415 χ^2/NDF:3700.4/22

Right Out: 115.405+/-1.361 χ^2/NDF: 2150.5/18

Left In: 55.138+/-0.422 χ^2/NDF:1608.1/20

+ sign 60.304+/-0.398 χ^2/NDF: 7641.5/39

All: 60.361+/-0.283 χ^2/NDF: 13190.2/79

- sign 60.419+/-0.403 χ^2/NDF: 5548.6/39

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug

Right In: 22.250+/-0.889 χ^2/NDF: 1071.4/16

Left Out: 2.253+/-0.369 χ^2/NDF:2216.6/22

Right Out: 18.395+/-0.872 χ^2/NDF: 1077.1/18

Left In: 1.444+/-0.376 χ^2/NDF:1689.2/20

+ sign 5.191+/-0.341 χ^2/NDF: 3719.5/39

All: 4.653+/-0.243 χ^2/NDF: 6809.7/79

- sign 4.100+/-0.345 χ^2/NDF: 3085.1/39

reg_asym_at2_dd_diff_bpm12X_slope vs Slug

Right In: -6.482+/-0.046 χ^2/NDF: 265804.1/16

Left Out: 6.183+/-0.017 χ^2/NDF:1144770.2/22

Right Out: -2.751+/-0.046 χ^2/NDF: 266291.4/18

Left In: 7.696+/-0.017 χ^2/NDF:846329.4/20

+ sign 4.667+/-0.016 χ^2/NDF: 1476834.0/39

All: 5.542+/-0.011 χ^2/NDF: 2641370.7/79

- sign 6.418+/-0.016 χ^2/NDF: 1158531.0/39

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug

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

Left Out: -205.731+/-1.137 χ^2/NDF:2767.2/22

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

Left In: -213.576+/-1.182 χ^2/NDF:2101.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -209.503+/-0.819 χ^2/NDF: 4891.6/43

- 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: 0.814+/-0.834 χ^2/NDF:748.6/22

Right Out: -2.548+/-1.399 χ^2/NDF: 218.1/18

Left In: 2.895+/-0.871 χ^2/NDF:585.8/20

+ sign -0.129+/-0.723 χ^2/NDF: 957.7/39

All: 0.605+/-0.517 χ^2/NDF: 1774.6/79

- sign 1.373+/-0.740 χ^2/NDF: 814.8/39

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug

Right In: 266.624+/-2.477 χ^2/NDF: 7662.7/16

Left Out: 274.463+/-1.132 χ^2/NDF:2717.5/22

Right Out: 261.551+/-2.458 χ^2/NDF: 8208.2/18

Left In: 282.196+/-1.167 χ^2/NDF:2346.4/20

+ sign 273.109+/-1.030 χ^2/NDF: 10388.4/39

All: 275.693+/-0.736 χ^2/NDF: 21013.5/79

- sign 278.400+/-1.054 χ^2/NDF: 10612.2/39

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug

Right In: 62.566+/-1.678 χ^2/NDF: 722.4/16

Left Out: 65.484+/-0.971 χ^2/NDF:932.9/22

Right Out: 50.526+/-1.643 χ^2/NDF: 657.0/18

Left In: 62.328+/-1.008 χ^2/NDF:768.5/20

+ sign 64.753+/-0.840 χ^2/NDF: 1657.6/39

All: 61.990+/-0.601 χ^2/NDF: 3142.6/79

- sign 59.103+/-0.859 χ^2/NDF: 1463.0/39

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug

Right In: -53.567+/-0.070 χ^2/NDF: 1230233.3/16

Left Out: -141.916+/-0.047 χ^2/NDF:65755.7/22

Right Out: -55.502+/-0.072 χ^2/NDF: 969632.0/18

Left In: -140.915+/-0.047 χ^2/NDF:52385.2/20

+ sign -114.915+/-0.039 χ^2/NDF: 2393524.8/39

All: -115.046+/-0.028 χ^2/NDF: 4401408.3/79

- sign -115.181+/-0.039 χ^2/NDF: 2007860.5/39

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug

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

Left Out: 190.241+/-0.993 χ^2/NDF:1820.2/22

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

Left In: 195.775+/-1.027 χ^2/NDF:1177.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 192.915+/-0.714 χ^2/NDF: 3012.8/43

- 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: 5.245+/-0.729 χ^2/NDF:598.2/22

Right Out: 16.466+/-1.230 χ^2/NDF: 425.9/18

Left In: 4.914+/-0.757 χ^2/NDF:409.9/20

+ sign 8.975+/-0.644 χ^2/NDF: 1103.0/39

All: 8.531+/-0.455 χ^2/NDF: 2003.7/79

- sign 8.087+/-0.644 χ^2/NDF: 899.8/39

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug

Right In: -332.037+/-2.562 χ^2/NDF: 784.9/16

Left Out: -224.734+/-0.990 χ^2/NDF:1891.7/22

Right Out: -275.853+/-2.324 χ^2/NDF: 3362.8/18

Left In: -227.301+/-1.016 χ^2/NDF:1129.9/20

+ sign -238.675+/-0.923 χ^2/NDF: 4203.0/39

All: -236.898+/-0.656 χ^2/NDF: 9069.5/79

- sign -235.091+/-0.931 χ^2/NDF: 4859.1/39

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug

Right In: -110.745+/-1.578 χ^2/NDF: 513.4/16

Left Out: -76.599+/-0.849 χ^2/NDF:800.3/22

Right Out: -88.600+/-1.435 χ^2/NDF: 969.7/18

Left In: -75.558+/-0.876 χ^2/NDF:521.4/20

+ sign -84.267+/-0.748 χ^2/NDF: 1677.0/39

All: -81.685+/-0.529 χ^2/NDF: 3252.1/79

- sign -79.102+/-0.748 χ^2/NDF: 1551.3/39

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug

Right In: 127.179+/-0.089 χ^2/NDF: 188050.9/16

Left Out: 121.413+/-0.041 χ^2/NDF:24171.8/22

Right Out: 82.684+/-0.075 χ^2/NDF: 765716.0/18

Left In: 120.247+/-0.041 χ^2/NDF:2593.6/20

+ sign 122.410+/-0.037 χ^2/NDF: 215692.6/39

All: 116.882+/-0.026 χ^2/NDF: 1219285.0/79

- sign 111.638+/-0.036 χ^2/NDF: 960125.1/39

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug

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

Left Out: -233.196+/-1.153 χ^2/NDF:4260.3/22

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

Left In: -250.285+/-1.215 χ^2/NDF:2580.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -241.291+/-0.836 χ^2/NDF: 6945.1/43

- 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: 5.609+/-0.863 χ^2/NDF:291.8/22

Right Out: 9.505+/-1.074 χ^2/NDF: 231.5/18

Left In: 6.313+/-0.914 χ^2/NDF:225.6/20

+ sign 6.259+/-0.675 χ^2/NDF: 554.3/39

All: 6.935+/-0.485 χ^2/NDF: 1018.6/79

- sign 7.653+/-0.696 χ^2/NDF: 462.3/39

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug

Right In: 269.748+/-2.071 χ^2/NDF: 1374.1/16

Left Out: 174.562+/-1.150 χ^2/NDF:3932.0/22

Right Out: 260.206+/-1.978 χ^2/NDF: 2541.6/18

Left In: 189.845+/-1.202 χ^2/NDF:2472.8/20

+ sign 196.997+/-1.006 χ^2/NDF: 6920.0/39

All: 202.788+/-0.719 χ^2/NDF: 12926.2/79

- sign 208.834+/-1.027 χ^2/NDF: 5938.4/39

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug

Right In: 42.006+/-1.255 χ^2/NDF: 575.6/16

Left Out: 58.899+/-0.998 χ^2/NDF:589.9/22

Right Out: 37.284+/-1.237 χ^2/NDF: 472.6/18

Left In: 61.890+/-1.049 χ^2/NDF:321.5/20

+ sign 52.354+/-0.781 χ^2/NDF: 1276.3/39

All: 51.985+/-0.559 χ^2/NDF: 2301.1/79

- sign 51.599+/-0.800 χ^2/NDF: 1024.3/39

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug

Right In: -117.516+/-0.078 χ^2/NDF: 142016.6/16

Left Out: -141.583+/-0.048 χ^2/NDF:492387.6/22

Right Out: -105.892+/-0.073 χ^2/NDF: 324304.4/18

Left In: -147.759+/-0.049 χ^2/NDF:205330.6/20

+ sign -135.017+/-0.041 χ^2/NDF: 703634.3/39

All: -134.862+/-0.029 χ^2/NDF: 1460933.2/79

- sign -134.708+/-0.041 χ^2/NDF: 757270.0/39

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug

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

Left Out: 181.054+/-1.031 χ^2/NDF:5156.2/22

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

Left In: 199.531+/-1.088 χ^2/NDF:2510.1/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 189.801+/-0.748 χ^2/NDF: 7818.2/43

- 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: 5.057+/-0.779 χ^2/NDF:325.3/22

Right Out: 9.519+/-1.051 χ^2/NDF: 296.2/18

Left In: 3.923+/-0.823 χ^2/NDF:220.9/20

+ sign 7.704+/-0.627 χ^2/NDF: 705.7/39

All: 6.904+/-0.450 χ^2/NDF: 1243.9/79

- sign 6.050+/-0.648 χ^2/NDF: 534.8/39

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug

Right In: -218.925+/-2.006 χ^2/NDF: 1146.6/16

Left Out: -180.723+/-1.032 χ^2/NDF:4802.8/22

Right Out: -211.968+/-1.924 χ^2/NDF: 1886.2/18

Left In: -197.540+/-1.079 χ^2/NDF:2223.8/20

+ sign -188.717+/-0.918 χ^2/NDF: 6236.2/39

All: -194.698+/-0.657 χ^2/NDF: 10476.1/79

- sign -200.993+/-0.941 χ^2/NDF: 4152.7/39

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug

Right In: -77.342+/-1.219 χ^2/NDF: 817.2/16

Left Out: -77.691+/-0.900 χ^2/NDF:718.1/22

Right Out: -72.836+/-1.209 χ^2/NDF: 672.9/18

Left In: -80.389+/-0.944 χ^2/NDF:283.4/20

+ sign -77.568+/-0.724 χ^2/NDF: 1535.4/39

All: -77.549+/-0.519 χ^2/NDF: 2515.9/79

- sign -77.529+/-0.744 χ^2/NDF: 980.5/39

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug

Right In: 97.452+/-0.073 χ^2/NDF: 94476.4/16

Left Out: 121.833+/-0.043 χ^2/NDF:629820.0/22

Right Out: 87.315+/-0.068 χ^2/NDF: 221837.7/18

Left In: 128.978+/-0.044 χ^2/NDF:160447.8/20

+ sign 115.613+/-0.037 χ^2/NDF: 806786.7/39

All: 116.192+/-0.026 χ^2/NDF: 1453075.4/79

- sign 116.769+/-0.037 χ^2/NDF: 645799.9/39

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: 186.035+/-0.961 χ^2/NDF:2992.3/22

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

Left In: 199.837+/-1.022 χ^2/NDF:1808.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 192.511+/-0.700 χ^2/NDF: 4897.9/43

- 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: 4.935+/-0.711 χ^2/NDF:486.8/22

Right Out: 12.294+/-1.086 χ^2/NDF: 443.7/18

Left In: 4.294+/-0.760 χ^2/NDF:327.5/20

+ sign 8.506+/-0.604 χ^2/NDF: 972.7/39

All: 7.738+/-0.434 χ^2/NDF: 1783.7/79

- sign 6.924+/-0.623 χ^2/NDF: 807.7/39

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: -204.308+/-0.962 χ^2/NDF:2267.8/22

Right Out: -254.703+/-2.020 χ^2/NDF: 2038.5/18

Left In: -214.348+/-1.013 χ^2/NDF:1676.1/20

+ sign -216.504+/-0.879 χ^2/NDF: 4154.2/39

All: -219.393+/-0.631 χ^2/NDF: 8209.9/79

- sign -222.455+/-0.905 χ^2/NDF: 4033.6/39

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: -76.738+/-0.827 χ^2/NDF:733.4/22

Right Out: -84.124+/-1.259 χ^2/NDF: 782.9/18

Left In: -78.394+/-0.877 χ^2/NDF:384.9/20

+ sign -81.911+/-0.701 χ^2/NDF: 1547.4/39

All: -81.111+/-0.502 χ^2/NDF: 2731.8/79

- sign -80.268+/-0.720 χ^2/NDF: 1181.7/39

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: 121.920+/-0.040 χ^2/NDF:162454.1/22

Right Out: 99.049+/-0.069 χ^2/NDF: 173463.3/18

Left In: 125.766+/-0.041 χ^2/NDF:44867.5/20

+ sign 120.641+/-0.035 χ^2/NDF: 273852.4/39

All: 119.663+/-0.025 χ^2/NDF: 605550.4/79

- sign 118.696+/-0.035 χ^2/NDF: 330183.5/39

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: 22.330+/-0.296 χ^2/NDF:2169.7/22

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

Left In: 22.489+/-0.303 χ^2/NDF:915.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 22.408+/-0.212 χ^2/NDF: 3085.3/43

- 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: -3.737+/-0.230 χ^2/NDF:646.7/22

Right Out: -4.793+/-0.586 χ^2/NDF: 193.5/18

Left In: -3.303+/-0.236 χ^2/NDF:427.4/20

+ sign -3.872+/-0.214 χ^2/NDF: 824.0/39

All: -3.696+/-0.153 χ^2/NDF: 1451.9/79

- sign -3.511+/-0.219 χ^2/NDF: 626.5/39

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: 41.875+/-0.295 χ^2/NDF:1693.5/22

Right Out: 75.878+/-1.069 χ^2/NDF: 1895.0/18

Left In: 41.987+/-0.300 χ^2/NDF:644.3/20

+ sign 43.769+/-0.284 χ^2/NDF: 4134.0/39

All: 44.109+/-0.203 χ^2/NDF: 7607.1/79

- sign 44.460+/-0.289 χ^2/NDF: 3470.2/39

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: 2.916+/-0.261 χ^2/NDF:1523.6/22

Right Out: 12.071+/-0.665 χ^2/NDF: 543.3/18

Left In: 1.986+/-0.267 χ^2/NDF:1044.7/20

+ sign 4.093+/-0.243 χ^2/NDF: 2151.0/39

All: 3.748+/-0.173 χ^2/NDF: 3941.4/79

- sign 3.388+/-0.248 χ^2/NDF: 1786.3/39

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: 3.115+/-0.012 χ^2/NDF:553301.6/22

Right Out: -0.644+/-0.037 χ^2/NDF: 361625.7/18

Left In: 4.047+/-0.012 χ^2/NDF:360404.2/20

+ sign 2.994+/-0.011 χ^2/NDF: 913764.0/39

All: 3.293+/-0.008 χ^2/NDF: 1651640.3/79

- sign 3.594+/-0.012 χ^2/NDF: 736511.3/39

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: -219.447+/-1.094 χ^2/NDF:3365.9/22

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

Left In: -233.340+/-1.161 χ^2/NDF:2421.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -225.983+/-0.796 χ^2/NDF: 5863.6/43

- 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: 3.190+/-0.805 χ^2/NDF:531.5/22

Right Out: 4.497+/-1.160 χ^2/NDF: 225.4/18

Left In: 4.699+/-0.861 χ^2/NDF:407.4/20

+ sign 3.189+/-0.673 χ^2/NDF: 787.2/39

All: 3.889+/-0.482 χ^2/NDF: 1422.2/79

- sign 4.628+/-0.691 χ^2/NDF: 632.9/39

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: 223.860+/-1.092 χ^2/NDF:3306.9/22

Right Out: 256.109+/-2.080 χ^2/NDF: 6444.1/18

Left In: 237.057+/-1.147 χ^2/NDF:2522.9/20

+ sign 233.851+/-0.977 χ^2/NDF: 8839.7/39

All: 237.570+/-0.700 χ^2/NDF: 17900.8/79

- sign 241.499+/-1.004 χ^2/NDF: 9031.3/39

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: 62.062+/-0.937 χ^2/NDF:660.1/22

Right Out: 45.637+/-1.359 χ^2/NDF: 530.8/18

Left In: 62.332+/-0.993 χ^2/NDF:515.1/20

+ sign 59.637+/-0.782 χ^2/NDF: 1316.6/39

All: 58.116+/-0.560 χ^2/NDF: 2468.5/79

- sign 56.518+/-0.802 χ^2/NDF: 1144.2/39

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: -141.587+/-0.045 χ^2/NDF:221967.9/22

Right Out: -85.803+/-0.065 χ^2/NDF: 495895.1/18

Left In: -145.125+/-0.047 χ^2/NDF:112295.6/20

+ sign -125.972+/-0.038 χ^2/NDF: 1143173.8/39

All: -125.493+/-0.027 χ^2/NDF: 2301441.5/79

- sign -125.006+/-0.038 χ^2/NDF: 1157940.1/39

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: -3.397+/-0.278 χ^2/NDF:3469.1/22

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

Left In: -4.486+/-0.284 χ^2/NDF:1924.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -3.930+/-0.199 χ^2/NDF: 5401.5/43

- 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: 1.259+/-0.216 χ^2/NDF:210.5/22

Right Out: 4.670+/-0.474 χ^2/NDF: 185.4/18

Left In: 1.563+/-0.221 χ^2/NDF:190.0/20

+ sign 1.809+/-0.196 χ^2/NDF: 533.7/39

All: 1.960+/-0.140 χ^2/NDF: 945.6/79

- sign 2.119+/-0.201 χ^2/NDF: 410.7/39

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: -13.421+/-0.277 χ^2/NDF:3826.1/22

Right Out: -50.441+/-0.857 χ^2/NDF: 1324.7/18

Left In: -12.372+/-0.281 χ^2/NDF:1477.5/20

+ sign -17.242+/-0.263 χ^2/NDF: 6885.5/39

All: -16.667+/-0.188 χ^2/NDF: 11477.2/79

- sign -16.074+/-0.267 χ^2/NDF: 4582.0/39

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: 0.864+/-0.245 χ^2/NDF:963.6/22

Right Out: -12.912+/-0.538 χ^2/NDF: 730.2/18

Left In: 1.093+/-0.251 χ^2/NDF:719.0/20

+ sign -1.510+/-0.222 χ^2/NDF: 2284.4/39

All: -1.459+/-0.159 χ^2/NDF: 4290.1/79

- sign -1.406+/-0.227 χ^2/NDF: 2005.6/39

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: -3.407+/-0.011 χ^2/NDF:857503.6/22

Right Out: 7.719+/-0.031 χ^2/NDF: 545085.7/18

Left In: -4.363+/-0.011 χ^2/NDF:541177.9/20

+ sign -1.752+/-0.011 χ^2/NDF: 1417490.4/39

All: -2.350+/-0.008 χ^2/NDF: 2642244.6/79

- sign -2.957+/-0.011 χ^2/NDF: 1218318.4/39

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug

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

Left Out: -19.111+/-0.042 χ^2/NDF:83607.4/22

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

Left In: -17.992+/-0.041 χ^2/NDF:40284.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -18.544+/-0.029 χ^2/NDF: 124257.7/43

- 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: 0.730+/-0.034 χ^2/NDF:6449.9/22

Right Out: 1.123+/-0.058 χ^2/NDF: 946.5/18

Left In: 0.738+/-0.032 χ^2/NDF:4962.5/20

+ sign 0.911+/-0.030 χ^2/NDF: 7278.6/39

All: 0.867+/-0.020 χ^2/NDF: 13225.3/79

- sign 0.827+/-0.028 χ^2/NDF: 5942.5/39

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug

Right In: -2.200+/-0.111 χ^2/NDF: 461.0/16

Left Out: 19.000+/-0.042 χ^2/NDF:73699.1/22

Right Out: -2.520+/-0.099 χ^2/NDF: 903.3/18

Left In: 17.304+/-0.040 χ^2/NDF:38021.4/20

+ sign 16.366+/-0.039 χ^2/NDF: 106345.5/39

All: 15.381+/-0.027 χ^2/NDF: 180905.4/79

- sign 14.476+/-0.037 χ^2/NDF: 73336.1/39

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug

Right In: -1.753+/-0.070 χ^2/NDF: 1345.0/16

Left Out: -1.569+/-0.038 χ^2/NDF:7290.0/22

Right Out: -1.617+/-0.066 χ^2/NDF: 1487.5/18

Left In: -1.535+/-0.036 χ^2/NDF:5365.1/20

+ sign -1.610+/-0.033 χ^2/NDF: 8640.4/39

All: -1.580+/-0.023 χ^2/NDF: 15495.7/79

- sign -1.554+/-0.031 χ^2/NDF: 6853.8/39

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug

Right In: 0.203+/-0.004 χ^2/NDF: 677.2/16

Left Out: 0.104+/-0.002 χ^2/NDF:4251.3/22

Right Out: 0.216+/-0.004 χ^2/NDF: 1067.3/18

Left In: 0.079+/-0.002 χ^2/NDF:3397.2/20

+ sign 0.119+/-0.002 χ^2/NDF: 5417.3/39

All: 0.108+/-0.001 χ^2/NDF: 11130.1/79

- sign 0.100+/-0.001 χ^2/NDF: 5635.8/39

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug

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

Left Out: -18.980+/-0.041 χ^2/NDF:83458.9/22

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

Left In: -17.882+/-0.041 χ^2/NDF:40205.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -18.423+/-0.029 χ^2/NDF: 124021.5/43

- 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: 0.695+/-0.034 χ^2/NDF:6438.8/22

Right Out: 1.092+/-0.058 χ^2/NDF: 952.1/18

Left In: 0.697+/-0.032 χ^2/NDF:4955.7/20

+ sign 0.878+/-0.030 χ^2/NDF: 7270.6/39

All: 0.831+/-0.020 χ^2/NDF: 13218.9/79

- sign 0.789+/-0.028 χ^2/NDF: 5943.4/39

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug

Right In: -1.977+/-0.110 χ^2/NDF: 463.8/16

Left Out: 18.869+/-0.041 χ^2/NDF:73582.3/22

Right Out: -2.294+/-0.098 χ^2/NDF: 906.6/18

Left In: 17.198+/-0.040 χ^2/NDF:37950.2/20

+ sign 16.288+/-0.039 χ^2/NDF: 105489.3/39

All: 15.317+/-0.027 χ^2/NDF: 179191.1/79

- sign 14.425+/-0.037 χ^2/NDF: 72495.4/39

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug

Right In: -1.726+/-0.070 χ^2/NDF: 1341.5/16

Left Out: -1.525+/-0.038 χ^2/NDF:7275.3/22

Right Out: -1.584+/-0.065 χ^2/NDF: 1492.8/18

Left In: -1.483+/-0.036 χ^2/NDF:5357.3/20

+ sign -1.570+/-0.033 χ^2/NDF: 8623.2/39

All: -1.536+/-0.023 χ^2/NDF: 15477.1/79

- sign -1.506+/-0.031 χ^2/NDF: 6852.0/39

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug

Right In: 0.200+/-0.004 χ^2/NDF: 662.5/16

Left Out: 0.104+/-0.002 χ^2/NDF:4243.0/22

Right Out: 0.213+/-0.004 χ^2/NDF: 1050.9/18

Left In: 0.079+/-0.002 χ^2/NDF:3369.8/20

+ sign 0.118+/-0.002 χ^2/NDF: 5372.0/39

All: 0.108+/-0.001 χ^2/NDF: 10994.3/79

- sign 0.099+/-0.001 χ^2/NDF: 5549.4/39

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug

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

Left Out: -19.099+/-0.042 χ^2/NDF:83554.9/22

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

Left In: -17.982+/-0.041 χ^2/NDF:40239.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -18.533+/-0.029 χ^2/NDF: 124160.0/43

- 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: 0.655+/-0.034 χ^2/NDF:6459.4/22

Right Out: 1.052+/-0.058 χ^2/NDF: 963.3/18

Left In: 0.648+/-0.032 χ^2/NDF:4933.6/20

+ sign 0.834+/-0.030 χ^2/NDF: 7290.9/39

All: 0.785+/-0.020 χ^2/NDF: 13229.9/79

- sign 0.742+/-0.028 χ^2/NDF: 5934.0/39

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug

Right In: -2.006+/-0.111 χ^2/NDF: 463.3/16

Left Out: 18.954+/-0.042 χ^2/NDF:73666.1/22

Right Out: -2.336+/-0.099 χ^2/NDF: 901.2/18

Left In: 17.260+/-0.040 χ^2/NDF:38001.7/20

+ sign 16.363+/-0.039 χ^2/NDF: 105591.6/39

All: 15.379+/-0.027 χ^2/NDF: 179395.9/79

- sign 14.476+/-0.037 χ^2/NDF: 72578.7/39

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug

Right In: -1.682+/-0.070 χ^2/NDF: 1347.8/16

Left Out: -1.503+/-0.038 χ^2/NDF:7300.3/22

Right Out: -1.563+/-0.066 χ^2/NDF: 1504.7/18

Left In: -1.452+/-0.036 χ^2/NDF:5325.8/20

+ sign -1.543+/-0.033 χ^2/NDF: 8653.1/39

All: -1.508+/-0.023 χ^2/NDF: 15488.0/79

- sign -1.477+/-0.031 χ^2/NDF: 6832.8/39

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug

Right In: 0.201+/-0.004 χ^2/NDF: 691.3/16

Left Out: 0.104+/-0.002 χ^2/NDF:4225.7/22

Right Out: 0.214+/-0.004 χ^2/NDF: 1083.1/18

Left In: 0.079+/-0.002 χ^2/NDF:3346.2/20

+ sign 0.118+/-0.002 χ^2/NDF: 5394.9/39

All: 0.108+/-0.001 χ^2/NDF: 11024.7/79

- sign 0.100+/-0.001 χ^2/NDF: 5560.5/39

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug

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

Left Out: -19.485+/-0.042 χ^2/NDF:82921.6/22

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

Left In: -18.364+/-0.042 χ^2/NDF:39297.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -18.916+/-0.030 χ^2/NDF: 122572.4/43

- 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: 0.706+/-0.035 χ^2/NDF:6452.0/22

Right Out: 1.104+/-0.059 χ^2/NDF: 936.5/18

Left In: 0.712+/-0.033 χ^2/NDF:4988.4/20

+ sign 0.877+/-0.030 χ^2/NDF: 7266.6/39

All: 0.838+/-0.021 χ^2/NDF: 13228.2/79

- sign 0.803+/-0.029 χ^2/NDF: 5958.4/39

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug

Right In: -2.094+/-0.113 χ^2/NDF: 486.5/16

Left Out: 19.338+/-0.042 χ^2/NDF:73055.8/22

Right Out: -2.278+/-0.101 χ^2/NDF: 918.6/18

Left In: 17.645+/-0.041 χ^2/NDF:36902.8/20

+ sign 16.668+/-0.040 χ^2/NDF: 105261.7/39

All: 15.697+/-0.028 χ^2/NDF: 177582.6/79

- sign 14.804+/-0.038 χ^2/NDF: 71175.8/39

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug

Right In: -1.696+/-0.072 χ^2/NDF: 1333.3/16

Left Out: -1.568+/-0.039 χ^2/NDF:7293.7/22

Right Out: -1.624+/-0.067 χ^2/NDF: 1467.3/18

Left In: -1.537+/-0.037 χ^2/NDF:5383.3/20

+ sign -1.597+/-0.034 χ^2/NDF: 8629.5/39

All: -1.576+/-0.023 χ^2/NDF: 15482.2/79

- sign -1.557+/-0.032 χ^2/NDF: 6852.0/39

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug

Right In: 0.207+/-0.004 χ^2/NDF: 656.3/16

Left Out: 0.108+/-0.002 χ^2/NDF:4249.2/22

Right Out: 0.211+/-0.004 χ^2/NDF: 1145.7/18

Left In: 0.082+/-0.002 χ^2/NDF:3420.8/20

+ sign 0.123+/-0.002 χ^2/NDF: 5379.0/39

All: 0.112+/-0.001 χ^2/NDF: 11025.4/79

- sign 0.102+/-0.001 χ^2/NDF: 5559.7/39

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug

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

Left Out: -19.544+/-0.043 χ^2/NDF:81616.9/22

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

Left In: -18.359+/-0.042 χ^2/NDF:39793.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -18.943+/-0.030 χ^2/NDF: 121798.3/43

- 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: 0.779+/-0.035 χ^2/NDF:6205.7/22

Right Out: 1.160+/-0.060 χ^2/NDF: 917.0/18

Left In: 0.734+/-0.033 χ^2/NDF:4833.0/20

+ sign 0.952+/-0.030 χ^2/NDF: 6980.2/39

All: 0.890+/-0.021 χ^2/NDF: 12776.9/79

- sign 0.833+/-0.029 χ^2/NDF: 5788.6/39

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug

Right In: -2.350+/-0.114 χ^2/NDF: 439.7/16

Left Out: 19.416+/-0.043 χ^2/NDF:72037.3/22

Right Out: -2.624+/-0.103 χ^2/NDF: 840.4/18

Left In: 17.676+/-0.041 χ^2/NDF:37400.4/20

+ sign 16.739+/-0.040 χ^2/NDF: 104278.9/39

All: 15.758+/-0.028 χ^2/NDF: 176962.6/79

- sign 14.853+/-0.039 χ^2/NDF: 71532.3/39

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug

Right In: -1.779+/-0.072 χ^2/NDF: 1272.1/16

Left Out: -1.630+/-0.039 χ^2/NDF:7036.9/22

Right Out: -1.679+/-0.068 χ^2/NDF: 1429.6/18

Left In: -1.538+/-0.037 χ^2/NDF:5273.1/20

+ sign -1.663+/-0.034 χ^2/NDF: 8312.3/39

All: -1.614+/-0.024 χ^2/NDF: 15022.1/79

- sign -1.570+/-0.032 χ^2/NDF: 6705.9/39

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug

Right In: 0.206+/-0.004 χ^2/NDF: 651.8/16

Left Out: 0.108+/-0.002 χ^2/NDF:4225.5/22

Right Out: 0.223+/-0.004 χ^2/NDF: 1042.2/18

Left In: 0.085+/-0.002 χ^2/NDF:3386.0/20

+ sign 0.122+/-0.002 χ^2/NDF: 5326.2/39

All: 0.113+/-0.001 χ^2/NDF: 10916.0/79

- sign 0.106+/-0.001 χ^2/NDF: 5531.4/39