dit_asym_us_avg_mean vs Slug

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

Left Out: 1867.512+/-194.801 χ^2/NDF:15.1/23

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

Left In: -2107.246+/-194.959 χ^2/NDF:30.0/22

+ sign 1970.153+/-165.627 χ^2/NDF: 27.4/39

All: -66.202+/-116.818 χ^2/NDF: 370.9/80

- sign -2081.938+/-164.787 χ^2/NDF: 42.6/40

dit_asym_us_avg_rms vs Slug

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

Left Out: 818.900+/-0.138 χ^2/NDF:41670.9/23

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

Left In: 818.403+/-0.138 χ^2/NDF:29907.0/22

+ sign 817.548+/-0.117 χ^2/NDF: 84060.2/39

All: 817.501+/-0.083 χ^2/NDF: 134092.3/80

- sign 817.455+/-0.117 χ^2/NDF: 50031.7/40

asym_us_avg_correction_mean vs Slug

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

Left Out: -147.864+/-347.750 χ^2/NDF:29.3/23

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

Left In: 27.722+/-344.229 χ^2/NDF:14.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -59.177+/-244.642 χ^2/NDF: 44.3/46

- 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: 1429.065+/-0.246 χ^2/NDF:1106949.6/23

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

Left In: 1415.555+/-0.243 χ^2/NDF:1245603.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1422.241+/-0.173 χ^2/NDF: 2354077.8/46

- 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: 1892.511+/-394.798 χ^2/NDF:25.9/23

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

Left In: -2148.867+/-391.716 χ^2/NDF:18.4/22

+ sign 2174.809+/-323.232 χ^2/NDF: 41.0/39

All: -28.105+/-228.351 χ^2/NDF: 168.5/80

- sign -2223.015+/-322.644 χ^2/NDF: 34.7/40

asym_us_avg_rms vs Slug

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

Left Out: 1638.679+/-0.279 χ^2/NDF:671983.1/23

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

Left In: 1622.876+/-0.277 χ^2/NDF:780522.2/22

+ sign 1572.957+/-0.229 χ^2/NDF: 1117956.1/39

All: 1576.299+/-0.161 χ^2/NDF: 2231044.8/80

- sign 1579.628+/-0.228 χ^2/NDF: 1112662.2/40

dit_asym_us_dd_mean vs Slug

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

Left Out: -308.819+/-187.448 χ^2/NDF:20.6/23

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

Left In: 181.983+/-187.935 χ^2/NDF:25.6/22

+ sign -331.382+/-160.838 χ^2/NDF: 28.0/39

All: -108.592+/-113.083 χ^2/NDF: 70.8/80

- sign 109.200+/-159.024 χ^2/NDF: 39.0/40

dit_asym_us_dd_rms vs Slug

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

Left Out: 788.886+/-0.133 χ^2/NDF:9342.2/23

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

Left In: 789.406+/-0.133 χ^2/NDF:9219.1/22

+ sign 791.695+/-0.114 χ^2/NDF: 402231.5/39

All: 790.593+/-0.080 χ^2/NDF: 422813.5/80

- sign 789.516+/-0.112 χ^2/NDF: 20396.5/40

asym_us_dd_correction_mean vs Slug

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

Left Out: -2178.467+/-439.661 χ^2/NDF:22.7/23

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

Left In: 2315.169+/-437.003 χ^2/NDF:22.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 81.976+/-309.943 χ^2/NDF: 97.3/46

- 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: 1833.028+/-0.311 χ^2/NDF:465466.9/23

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

Left In: 1818.594+/-0.309 χ^2/NDF:536826.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1825.767+/-0.219 χ^2/NDF: 1003377.8/46

- 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: 294.652+/-224.344 χ^2/NDF:38.3/23

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

Left In: 212.080+/-224.701 χ^2/NDF:23.7/22

+ sign 192.571+/-199.048 χ^2/NDF: 55.9/39

All: 229.391+/-140.675 χ^2/NDF: 88.3/80

- sign 266.133+/-198.841 χ^2/NDF: 32.3/40

asym_us_dd_rms vs Slug

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

Left Out: 943.327+/-0.159 χ^2/NDF:60410.5/23

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

Left In: 943.137+/-0.159 χ^2/NDF:49948.2/22

+ sign 977.781+/-0.141 χ^2/NDF: 537445.2/39

All: 978.881+/-0.099 χ^2/NDF: 1198369.1/80

- sign 979.979+/-0.141 χ^2/NDF: 660801.8/40

dit_asym_usl_mean vs Slug

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

Left Out: 1562.090+/-269.272 χ^2/NDF:21.8/23

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

Left In: -1926.929+/-269.667 χ^2/NDF:24.1/22

+ sign 1629.449+/-229.979 χ^2/NDF: 28.4/39

All: -189.666+/-161.954 χ^2/NDF: 189.9/80

- sign -1979.294+/-228.108 χ^2/NDF: 37.3/40

dit_asym_usl_rms vs Slug

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

Left Out: 1132.882+/-0.190 χ^2/NDF:16786.8/23

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

Left In: 1132.570+/-0.191 χ^2/NDF:14524.8/22

+ sign 1132.664+/-0.163 χ^2/NDF: 332817.9/39

All: 1132.394+/-0.115 χ^2/NDF: 367086.2/80

- sign 1132.128+/-0.161 χ^2/NDF: 34262.8/40

asym_usl_correction_mean vs Slug

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

Left Out: -830.927+/-366.086 χ^2/NDF:40.1/23

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

Left In: -21.419+/-362.476 χ^2/NDF:12.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -422.162+/-257.576 χ^2/NDF: 55.3/46

- 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: 1508.993+/-0.259 χ^2/NDF:988673.2/23

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

Left In: 1494.507+/-0.256 χ^2/NDF:1096280.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1501.678+/-0.182 χ^2/NDF: 2086534.9/46

- 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: 2253.979+/-456.390 χ^2/NDF:38.7/23

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

Left In: -1901.797+/-453.879 χ^2/NDF:13.9/22

+ sign 2329.645+/-359.676 χ^2/NDF: 49.5/39

All: 208.738+/-253.800 χ^2/NDF: 155.4/80

- sign -1894.614+/-358.184 χ^2/NDF: 36.6/40

asym_usl_rms vs Slug

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

Left Out: 1903.456+/-0.323 χ^2/NDF:461899.8/23

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

Left In: 1889.326+/-0.321 χ^2/NDF:508648.5/22

+ sign 1750.007+/-0.254 χ^2/NDF: 1317397.0/39

All: 1749.240+/-0.179 χ^2/NDF: 2817161.0/80

- sign 1748.480+/-0.253 χ^2/NDF: 1499745.9/40

dit_asym_usr_mean vs Slug

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

Left Out: 2213.308+/-266.921 χ^2/NDF:14.2/24

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

Left In: -2314.778+/-271.873 χ^2/NDF:31.6/22

+ sign 2308.520+/-229.994 χ^2/NDF: 27.0/41

All: 32.414+/-162.383 χ^2/NDF: 267.6/83

- sign -2229.890+/-229.296 χ^2/NDF: 45.4/41

dit_asym_usr_rms vs Slug

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

Left Out: 1143.249+/-0.189 χ^2/NDF:39493.3/24

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

Left In: 1141.363+/-0.192 χ^2/NDF:28014.9/22

+ sign 1148.889+/-0.163 χ^2/NDF: 321529.9/41

All: 1145.026+/-0.115 χ^2/NDF: 363390.4/83

- sign 1141.187+/-0.162 χ^2/NDF: 40735.5/41

asym_usr_correction_mean vs Slug

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

Left Out: 633.748+/-371.934 χ^2/NDF:29.3/24

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

Left In: 72.962+/-375.277 χ^2/NDF:20.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 355.864+/-264.171 χ^2/NDF: 50.5/47

- 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: 1566.626+/-0.263 χ^2/NDF:766955.2/24

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

Left In: 1550.750+/-0.265 χ^2/NDF:928652.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1558.759+/-0.187 χ^2/NDF: 1697413.8/47

- 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: 1475.648+/-451.347 χ^2/NDF:20.9/24

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

Left In: -2339.905+/-457.448 χ^2/NDF:25.2/22

+ sign 1862.133+/-392.831 χ^2/NDF: 42.5/41

All: -284.737+/-279.075 χ^2/NDF: 139.9/83

- sign -2472.322+/-396.539 χ^2/NDF: 37.1/41

asym_usr_rms vs Slug

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

Left Out: 1920.082+/-0.319 χ^2/NDF:365919.7/24

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

Left In: 1906.043+/-0.323 χ^2/NDF:451054.7/22

+ sign 1949.266+/-0.278 χ^2/NDF: 731742.0/41

All: 1952.553+/-0.197 χ^2/NDF: 1474076.5/83

- sign 1955.902+/-0.280 χ^2/NDF: 742051.8/41

dit_asym_at1_avg_mean vs Slug

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

Left Out: 1875.290+/-433.245 χ^2/NDF:30.0/24

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

Left In: -2286.268+/-441.005 χ^2/NDF:27.3/22

+ sign 1975.641+/-381.122 χ^2/NDF: 45.1/41

All: -68.609+/-270.587 χ^2/NDF: 148.0/83

- sign -2146.364+/-384.232 χ^2/NDF: 44.9/41

dit_asym_at1_avg_rms vs Slug

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

Left Out: 1851.066+/-0.306 χ^2/NDF:26251.6/24

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

Left In: 1845.411+/-0.312 χ^2/NDF:8318.8/22

+ sign 1885.776+/-0.269 χ^2/NDF: 999029.5/41

All: 1888.227+/-0.191 χ^2/NDF: 1706156.2/83

- sign 1890.719+/-0.272 χ^2/NDF: 706959.8/41

asym_at1_avg_correction_mean vs Slug

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

Left Out: -154.845+/-119.654 χ^2/NDF:33.0/24

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

Left In: 107.387+/-127.580 χ^2/NDF:13.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -32.127+/-87.276 χ^2/NDF: 48.7/47

- 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: 443.961+/-0.085 χ^2/NDF:8573133.3/24

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

Left In: 479.723+/-0.090 χ^2/NDF:6734597.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 460.697+/-0.062 χ^2/NDF: 15391334.0/47

- 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: 1834.720+/-463.777 χ^2/NDF:32.8/24

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

Left In: -2260.178+/-472.324 χ^2/NDF:26.3/22

+ sign 2000.823+/-407.783 χ^2/NDF: 48.9/41

All: -40.951+/-290.252 χ^2/NDF: 146.9/83

- sign -2137.610+/-413.227 χ^2/NDF: 47.1/41

asym_at1_avg_rms vs Slug

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

Left Out: 1978.045+/-0.328 χ^2/NDF:137699.3/24

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

Left In: 1973.216+/-0.334 χ^2/NDF:120479.3/22

+ sign 2018.909+/-0.288 χ^2/NDF: 919996.3/41

All: 2022.537+/-0.205 χ^2/NDF: 1951353.8/83

- sign 2026.262+/-0.292 χ^2/NDF: 1031036.6/41

dit_asym_at1_dd_mean vs Slug

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

Left Out: -858.637+/-431.465 χ^2/NDF:26.9/24

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

Left In: 427.682+/-439.561 χ^2/NDF:33.7/22

+ sign -669.790+/-379.905 χ^2/NDF: 43.6/41

All: -41.932+/-269.268 χ^2/NDF: 102.7/83

- sign 591.893+/-381.706 χ^2/NDF: 53.7/41

dit_asym_at1_dd_rms vs Slug

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

Left Out: 1843.534+/-0.305 χ^2/NDF:24974.2/24

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

Left In: 1839.431+/-0.311 χ^2/NDF:6418.5/22

+ sign 1881.004+/-0.269 χ^2/NDF: 931841.3/41

All: 1880.563+/-0.190 χ^2/NDF: 1375460.4/83

- sign 1880.119+/-0.270 χ^2/NDF: 443613.7/41

asym_at1_dd_correction_mean vs Slug

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

Left Out: 407.320+/-101.221 χ^2/NDF:62.1/24

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

Left In: -13.395+/-102.912 χ^2/NDF:29.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 200.448+/-72.165 χ^2/NDF: 99.9/47

- 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: 428.052+/-0.072 χ^2/NDF:704731.3/24

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

Left In: 428.926+/-0.073 χ^2/NDF:418755.3/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 428.482+/-0.051 χ^2/NDF: 1123560.0/47

- 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: -1294.152+/-444.151 χ^2/NDF:29.6/24

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

Left In: 485.827+/-452.020 χ^2/NDF:32.4/22

+ sign -1119.808+/-395.124 χ^2/NDF: 48.4/41

All: -263.380+/-281.391 χ^2/NDF: 107.7/83

- sign 617.973+/-400.832 χ^2/NDF: 49.7/41

asym_at1_dd_rms vs Slug

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

Left Out: 1897.670+/-0.314 χ^2/NDF:35089.1/24

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

Left In: 1891.722+/-0.320 χ^2/NDF:7584.2/22

+ sign 1955.210+/-0.279 χ^2/NDF: 1001374.9/41

All: 1959.425+/-0.199 χ^2/NDF: 2143045.9/83

- sign 1963.763+/-0.283 χ^2/NDF: 1141209.2/41

dit_asym_at2_avg_mean vs Slug

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

Left Out: 1087.902+/-540.984 χ^2/NDF:29.9/24

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

Left In: -2981.160+/-546.107 χ^2/NDF:14.0/22

+ sign 1554.838+/-442.330 χ^2/NDF: 38.0/41

All: -538.968+/-311.495 χ^2/NDF: 121.3/83

- sign -2598.859+/-438.733 χ^2/NDF: 38.9/41

dit_asym_at2_avg_rms vs Slug

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

Left Out: 2283.204+/-0.383 χ^2/NDF:634430.6/24

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

Left In: 2271.946+/-0.386 χ^2/NDF:243546.3/22

+ sign 2167.589+/-0.313 χ^2/NDF: 1548934.6/41

All: 2151.113+/-0.220 χ^2/NDF: 2905184.1/83

- sign 2134.905+/-0.310 χ^2/NDF: 1350744.8/41

asym_at2_avg_correction_mean vs Slug

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

Left Out: -124.370+/-2141.976 χ^2/NDF:29.7/24

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

Left In: 185.013+/-2330.398 χ^2/NDF:15.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 17.310+/-1577.017 χ^2/NDF: 44.8/47

- 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: 8757.819+/-1.515 χ^2/NDF:2779104.9/24

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

Left In: 9604.027+/-1.648 χ^2/NDF:1095805.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 9145.335+/-1.115 χ^2/NDF: 4017855.5/47

- 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: 1145.185+/-2232.341 χ^2/NDF:27.9/24

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

Left In: -3316.960+/-2336.196 χ^2/NDF:13.4/22

+ sign 2638.147+/-1779.266 χ^2/NDF: 43.6/41

All: -454.247+/-1262.360 χ^2/NDF: 78.7/83

- sign -3588.568+/-1791.287 χ^2/NDF: 29.1/41

asym_at2_avg_rms vs Slug

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

Left Out: 9315.396+/-1.579 χ^2/NDF:1503512.6/24

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

Left In: 9630.345+/-1.652 χ^2/NDF:1074643.5/22

+ sign 8647.337+/-1.258 χ^2/NDF: 2426404.3/41

All: 8636.319+/-0.893 χ^2/NDF: 4958321.6/83

- sign 8625.153+/-1.267 χ^2/NDF: 2531762.9/41

dit_asym_at2_dd_mean vs Slug

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

Left Out: -403.389+/-419.243 χ^2/NDF:28.9/24

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

Left In: 53.539+/-422.570 χ^2/NDF:20.9/22

+ sign -601.250+/-356.747 χ^2/NDF: 42.0/41

All: -278.627+/-250.773 χ^2/NDF: 80.0/83

- sign 36.510+/-352.584 χ^2/NDF: 36.3/41

dit_asym_at2_dd_rms vs Slug

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

Left Out: 1779.434+/-0.296 χ^2/NDF:610925.0/24

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

Left In: 1767.314+/-0.299 χ^2/NDF:196583.8/22

+ sign 1757.871+/-0.252 χ^2/NDF: 1408819.3/41

All: 1744.884+/-0.177 χ^2/NDF: 2244941.2/83

- sign 1732.199+/-0.249 χ^2/NDF: 830882.8/41

asym_at2_dd_correction_mean vs Slug

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

Left Out: 191.104+/-869.912 χ^2/NDF:30.6/24

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

Left In: 426.004+/-874.870 χ^2/NDF:21.3/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 307.887+/-616.866 χ^2/NDF: 51.9/47

- 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: 3691.174+/-0.615 χ^2/NDF:639471.7/24

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

Left In: 3659.086+/-0.619 χ^2/NDF:198077.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3675.221+/-0.436 χ^2/NDF: 838901.7/47

- 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: -551.411+/-481.630 χ^2/NDF:34.0/24

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

Left In: -366.243+/-483.092 χ^2/NDF:20.5/22

+ sign -259.825+/-430.663 χ^2/NDF: 57.5/41

All: -406.523+/-303.655 χ^2/NDF: 87.8/83

- sign -551.558+/-428.213 χ^2/NDF: 30.1/41

asym_at2_dd_rms vs Slug

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

Left Out: 2041.781+/-0.341 χ^2/NDF:706854.2/24

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

Left In: 2021.065+/-0.342 χ^2/NDF:178726.2/22

+ sign 2120.853+/-0.305 χ^2/NDF: 1444338.5/41

All: 2107.365+/-0.215 χ^2/NDF: 2495722.9/83

- sign 2094.031+/-0.303 χ^2/NDF: 1047483.5/41

dit_asym_atl_avg_mean vs Slug

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

Left Out: 837.426+/-454.502 χ^2/NDF:32.3/24

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

Left In: -2235.652+/-457.720 χ^2/NDF:31.0/22

+ sign 1121.169+/-380.287 χ^2/NDF: 46.1/41

All: -392.469+/-270.349 χ^2/NDF: 134.7/83

- sign -1939.102+/-384.409 χ^2/NDF: 56.6/41

dit_asym_atl_avg_rms vs Slug

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

Left Out: 1924.077+/-0.321 χ^2/NDF:583939.2/24

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

Left In: 1909.656+/-0.324 χ^2/NDF:164475.5/22

+ sign 1870.920+/-0.269 χ^2/NDF: 1357642.5/41

All: 1879.243+/-0.191 χ^2/NDF: 2089989.1/83

- sign 1887.742+/-0.272 χ^2/NDF: 730410.2/41

asym_atl_avg_correction_mean vs Slug

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

Left Out: -1349.584+/-690.658 χ^2/NDF:30.9/24

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

Left In: 294.047+/-1252.274 χ^2/NDF:14.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -966.234+/-604.776 χ^2/NDF: 46.8/47

- 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: 2017.245+/-0.488 χ^2/NDF:19159743.3/24

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

Left In: 5130.756+/-0.885 χ^2/NDF:1489813.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2743.420+/-0.428 χ^2/NDF: 30129278.1/4

- 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: 1132.501+/-1280.211 χ^2/NDF:32.5/24

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

Left In: -3061.439+/-1313.197 χ^2/NDF:12.3/22

+ sign 1467.812+/-912.615 χ^2/NDF: 47.6/41

All: -129.205+/-647.503 χ^2/NDF: 94.5/83

- sign -1748.051+/-918.831 χ^2/NDF: 40.8/41

asym_atl_avg_rms vs Slug

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

Left Out: 5366.944+/-0.905 χ^2/NDF:1213541.3/24

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

Left In: 5391.987+/-0.929 χ^2/NDF:1320415.5/22

+ sign 4257.680+/-0.645 χ^2/NDF: 6145501.0/41

All: 4225.245+/-0.456 χ^2/NDF: 12701670.1/8

- sign 4192.855+/-0.645 χ^2/NDF: 6551120.0/41

dit_asym_atl_dd_mean vs Slug

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

Left Out: 23.375+/-440.724 χ^2/NDF:31.7/24

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

Left In: 514.693+/-444.402 χ^2/NDF:5.9/22

+ sign 84.322+/-370.919 χ^2/NDF: 43.3/41

All: 329.712+/-262.901 χ^2/NDF: 76.0/83

- sign 577.442+/-372.684 χ^2/NDF: 31.8/41

dit_asym_atl_dd_rms vs Slug

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

Left Out: 1867.539+/-0.312 χ^2/NDF:545343.0/24

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

Left In: 1855.480+/-0.314 χ^2/NDF:136219.4/22

+ sign 1833.794+/-0.262 χ^2/NDF: 886438.6/41

All: 1833.446+/-0.186 χ^2/NDF: 1468051.6/83

- sign 1833.095+/-0.263 χ^2/NDF: 581609.5/41

asym_atl_dd_correction_mean vs Slug

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

Left Out: 325.135+/-488.239 χ^2/NDF:32.5/24

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

Left In: -40.142+/-1109.747 χ^2/NDF:13.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 265.898+/-446.900 χ^2/NDF: 46.5/47

- 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: 1236.170+/-0.345 χ^2/NDF:23395886.7/24

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

Left In: 4570.398+/-0.785 χ^2/NDF:1145211.6/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1776.884+/-0.316 χ^2/NDF: 39667244.3/4

- 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: -845.427+/-1152.677 χ^2/NDF:30.0/24

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

Left In: 385.098+/-1181.458 χ^2/NDF:13.9/22

+ sign -808.442+/-846.669 χ^2/NDF: 45.6/41

All: -51.012+/-595.888 χ^2/NDF: 76.2/83

- sign 692.422+/-838.811 χ^2/NDF: 29.1/41

asym_atl_dd_rms vs Slug

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

Left Out: 4854.932+/-0.815 χ^2/NDF:895557.4/24

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

Left In: 4878.261+/-0.835 χ^2/NDF:965222.2/22

+ sign 4049.522+/-0.599 χ^2/NDF: 3975905.0/41

All: 3996.162+/-0.420 χ^2/NDF: 8239039.0/83

- sign 3944.439+/-0.589 χ^2/NDF: 4247490.0/41

dit_asym_atr_avg_mean vs Slug

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

Left Out: 2019.326+/-481.340 χ^2/NDF:27.1/24

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

Left In: -2916.079+/-489.445 χ^2/NDF:28.8/22

+ sign 2276.418+/-411.806 χ^2/NDF: 38.1/41

All: -257.257+/-292.336 χ^2/NDF: 162.9/83

- sign -2831.210+/-415.066 χ^2/NDF: 48.5/41

dit_asym_atr_avg_rms vs Slug

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

Left Out: 2053.296+/-0.340 χ^2/NDF:136888.1/24

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

Left In: 2047.277+/-0.346 χ^2/NDF:103001.2/22

+ sign 2042.480+/-0.291 χ^2/NDF: 758362.9/41

All: 2041.764+/-0.207 χ^2/NDF: 1459955.7/83

- sign 2041.038+/-0.293 χ^2/NDF: 701580.6/41

asym_atr_avg_correction_mean vs Slug

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

Left Out: 25.977+/-1194.625 χ^2/NDF:29.2/24

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

Left In: 23.765+/-1211.652 χ^2/NDF:15.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 24.887+/-850.684 χ^2/NDF: 44.4/47

- 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: 5002.559+/-0.845 χ^2/NDF:1145597.1/24

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

Left In: 4986.169+/-0.857 χ^2/NDF:1197602.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4994.480+/-0.602 χ^2/NDF: 2343385.4/47

- 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: 1580.515+/-1266.098 χ^2/NDF:25.2/24

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

Left In: -2856.480+/-1284.131 χ^2/NDF:18.1/22

+ sign 2410.889+/-1046.238 χ^2/NDF: 40.6/41

All: -475.046+/-734.028 χ^2/NDF: 88.8/83

- sign -3272.609+/-1030.095 χ^2/NDF: 33.2/41

asym_atr_avg_rms vs Slug

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

Left Out: 5334.221+/-0.895 χ^2/NDF:865414.3/24

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

Left In: 5303.321+/-0.908 χ^2/NDF:960356.0/22

+ sign 5122.762+/-0.740 χ^2/NDF: 1819179.7/41

All: 5042.343+/-0.518 χ^2/NDF: 4022678.6/83

- sign 4964.708+/-0.727 χ^2/NDF: 2180274.9/41

dit_asym_atr_dd_mean vs Slug

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

Left Out: 605.796+/-469.397 χ^2/NDF:25.2/24

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

Left In: 108.365+/-477.899 χ^2/NDF:25.0/22

+ sign 184.962+/-404.410 χ^2/NDF: 41.4/41

All: 70.796+/-286.058 χ^2/NDF: 77.7/83

- sign -43.526+/-404.685 χ^2/NDF: 36.1/41

dit_asym_atr_dd_rms vs Slug

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

Left Out: 2003.987+/-0.332 χ^2/NDF:99981.7/24

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

Left In: 2000.119+/-0.338 χ^2/NDF:79688.8/22

+ sign 2006.380+/-0.286 χ^2/NDF: 750231.9/41

All: 2000.054+/-0.202 χ^2/NDF: 1127063.6/83

- sign 1993.722+/-0.286 χ^2/NDF: 375852.4/41

asym_atr_dd_correction_mean vs Slug

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

Left Out: -871.296+/-1043.390 χ^2/NDF:28.3/24

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

Left In: 10.945+/-1070.258 χ^2/NDF:17.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -441.388+/-747.106 χ^2/NDF: 45.9/47

- 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: 4355.202+/-0.738 χ^2/NDF:1350492.3/24

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

Left In: 4398.421+/-0.757 χ^2/NDF:1278784.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4376.262+/-0.528 χ^2/NDF: 2630948.5/47

- 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: 1306.805+/-1131.617 χ^2/NDF:28.1/24

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

Left In: 131.428+/-1157.282 χ^2/NDF:14.9/22

+ sign 236.822+/-957.615 χ^2/NDF: 52.1/41

All: 269.586+/-676.147 χ^2/NDF: 79.0/83

- sign 302.160+/-954.825 χ^2/NDF: 26.8/41

asym_atr_dd_rms vs Slug

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

Left Out: 4763.190+/-0.800 χ^2/NDF:941856.9/24

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

Left In: 4781.172+/-0.818 χ^2/NDF:951542.2/22

+ sign 4693.778+/-0.677 χ^2/NDF: 1738590.3/41

All: 4659.335+/-0.478 χ^2/NDF: 3579891.3/83

- sign 4625.214+/-0.674 χ^2/NDF: 1836150.5/41

dit_asym_atl_avg_atr_avg_avg_mean vs Slug

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

Left Out: 1435.504+/-358.178 χ^2/NDF:26.7/24

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

Left In: -2754.889+/-361.672 χ^2/NDF:22.4/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -639.355+/-254.496 χ^2/NDF: 116.9/47

- 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: 1519.092+/-0.253 χ^2/NDF:365839.2/24

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

Left In: 1508.111+/-0.256 χ^2/NDF:131488.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1513.655+/-0.180 χ^2/NDF: 498258.6/47

- 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: -264.324+/-1151.119 χ^2/NDF:29.7/24

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

Left In: 151.239+/-1241.800 χ^2/NDF:14.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -72.268+/-844.204 χ^2/NDF: 44.6/47

- 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: 4724.027+/-0.814 χ^2/NDF:2537532.1/24

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

Left In: 5115.139+/-0.878 χ^2/NDF:1131347.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4904.783+/-0.597 χ^2/NDF: 3775584.1/47

- 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: 1292.246+/-1215.761 χ^2/NDF:27.8/24

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

Left In: -3205.363+/-1265.586 χ^2/NDF:13.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -866.284+/-876.758 χ^2/NDF: 48.2/47

- 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: 5085.307+/-0.860 χ^2/NDF:1356698.4/24

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

Left In: 5217.971+/-0.895 χ^2/NDF:1058996.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 5148.976+/-0.620 χ^2/NDF: 2427123.8/47

- 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: -664.362+/-305.119 χ^2/NDF:34.6/24

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

Left In: 212.071+/-308.597 χ^2/NDF:36.6/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -231.113+/-216.971 χ^2/NDF: 75.3/47

- 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: 1298.743+/-0.216 χ^2/NDF:310344.8/24

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

Left In: 1290.644+/-0.218 χ^2/NDF:59427.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1294.740+/-0.153 χ^2/NDF: 370469.1/47

- 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: -211.646+/-87.670 χ^2/NDF:41.7/24

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

Left In: -117.113+/-88.214 χ^2/NDF:14.3/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -164.672+/-62.183 χ^2/NDF: 56.6/47

- 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: 357.749+/-0.062 χ^2/NDF:3042055.7/24

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

Left In: 359.000+/-0.062 χ^2/NDF:1858849.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 358.371+/-0.044 χ^2/NDF: 4901108.0/47

- 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: -413.407+/-320.677 χ^2/NDF:32.8/24

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

Left In: 337.193+/-323.023 χ^2/NDF:32.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -40.843+/-227.578 χ^2/NDF: 68.3/47

- 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: 1361.511+/-0.227 χ^2/NDF:507869.8/24

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

Left In: 1351.012+/-0.228 χ^2/NDF:68978.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1356.300+/-0.161 χ^2/NDF: 577911.7/47

- 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: 320.058+/-344.642 χ^2/NDF:32.4/24

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

Left In: 310.833+/-348.292 χ^2/NDF:16.8/22

+ sign 182.207+/-292.734 χ^2/NDF: 44.8/41

All: 225.098+/-206.985 χ^2/NDF: 82.4/83

- sign 267.982+/-292.708 χ^2/NDF: 37.6/41

dit_asym_atl_dd_atr_dd_avg_rms vs Slug

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

Left Out: 1463.714+/-0.244 χ^2/NDF:310491.4/24

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

Left In: 1453.763+/-0.246 χ^2/NDF:99224.2/22

+ sign 1446.721+/-0.207 χ^2/NDF: 854272.8/41

All: 1441.963+/-0.146 χ^2/NDF: 1323291.6/83

- sign 1437.207+/-0.207 χ^2/NDF: 467962.3/41

asym_atl_dd_atr_dd_avg_correction_mean vs Slug

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

Left Out: -160.118+/-989.347 χ^2/NDF:29.7/24

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

Left In: -26.926+/-1085.415 χ^2/NDF:15.3/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -99.676+/-731.183 χ^2/NDF: 45.0/47

- 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: 4026.447+/-0.700 χ^2/NDF:3071265.0/24

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

Left In: 4470.490+/-0.768 χ^2/NDF:1132495.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4227.952+/-0.517 χ^2/NDF: 4386588.9/47

- 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: 229.897+/-1073.528 χ^2/NDF:28.1/24

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

Left In: 185.280+/-1119.296 χ^2/NDF:14.3/22

+ sign -352.107+/-872.813 χ^2/NDF: 45.6/41

All: 59.145+/-615.830 χ^2/NDF: 74.6/83

- sign 466.840+/-869.030 χ^2/NDF: 28.6/41

asym_atl_dd_atr_dd_avg_rms vs Slug

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

Left Out: 4493.314+/-0.759 χ^2/NDF:1309134.5/24

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

Left In: 4619.952+/-0.791 χ^2/NDF:1001966.3/22

+ sign 4267.048+/-0.617 χ^2/NDF: 1905630.8/41

All: 4223.969+/-0.435 χ^2/NDF: 4236654.1/83

- sign 4181.572+/-0.612 χ^2/NDF: 2321356.0/41

dit_asym_atl_dd_atr_dd_dd_mean vs Slug

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

Left Out: -270.523+/-302.030 χ^2/NDF:22.2/24

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

Left In: 258.285+/-305.289 χ^2/NDF:16.0/22

+ sign -102.386+/-262.166 χ^2/NDF: 40.0/41

All: 134.005+/-185.310 χ^2/NDF: 76.1/83

- sign 370.045+/-261.971 χ^2/NDF: 34.5/41

dit_asym_atl_dd_atr_dd_dd_rms vs Slug

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

Left Out: 1285.574+/-0.214 χ^2/NDF:306057.6/24

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

Left In: 1276.755+/-0.216 χ^2/NDF:59434.2/22

+ sign 1296.747+/-0.185 χ^2/NDF: 920632.2/41

All: 1292.806+/-0.131 χ^2/NDF: 1387329.6/83

- sign 1288.870+/-0.185 χ^2/NDF: 465794.0/41

asym_atl_dd_atr_dd_dd_correction_mean vs Slug

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

Left Out: 605.167+/-153.922 χ^2/NDF:60.0/24

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

Left In: 147.044+/-154.051 χ^2/NDF:19.4/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 376.298+/-108.885 χ^2/NDF: 83.8/47

- 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: 649.866+/-0.109 χ^2/NDF:840823.5/24

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

Left In: 643.008+/-0.109 χ^2/NDF:323844.6/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 646.440+/-0.077 χ^2/NDF: 1166651.7/47

- 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: -987.247+/-339.757 χ^2/NDF:28.5/24

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

Left In: 137.780+/-342.262 χ^2/NDF:18.8/22

+ sign -817.673+/-309.132 χ^2/NDF: 53.5/41

All: -323.088+/-218.957 χ^2/NDF: 88.2/83

- sign 174.839+/-310.175 χ^2/NDF: 29.6/41

asym_atl_dd_atr_dd_dd_rms vs Slug

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

Left Out: 1445.418+/-0.240 χ^2/NDF:374859.2/24

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

Left In: 1431.663+/-0.242 χ^2/NDF:77792.5/22

+ sign 1521.748+/-0.219 χ^2/NDF: 1427083.1/41

All: 1518.677+/-0.155 χ^2/NDF: 2639520.5/83

- sign 1515.584+/-0.219 χ^2/NDF: 1212041.2/41

dit_asym_atl1_mean vs Slug

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

Left Out: 1057.276+/-566.243 χ^2/NDF:22.7/24

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

Left In: -1762.122+/-574.660 χ^2/NDF:23.2/22

+ sign 1325.144+/-497.231 χ^2/NDF: 37.2/41

All: -100.755+/-353.879 χ^2/NDF: 100.5/83

- sign -1564.312+/-503.754 χ^2/NDF: 46.7/41

dit_asym_atl1_rms vs Slug

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

Left Out: 2418.972+/-0.400 χ^2/NDF:74779.7/24

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

Left In: 2406.443+/-0.406 χ^2/NDF:15245.2/22

+ sign 2466.720+/-0.352 χ^2/NDF: 781304.5/41

All: 2474.091+/-0.250 χ^2/NDF: 1543612.9/83

- sign 2481.657+/-0.356 χ^2/NDF: 761417.7/41

asym_atl1_correction_mean vs Slug

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

Left Out: 243.135+/-163.940 χ^2/NDF:36.0/24

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

Left In: -62.569+/-164.169 χ^2/NDF:24.3/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 90.496+/-116.004 χ^2/NDF: 62.0/47

- 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: 666.133+/-0.116 χ^2/NDF:3190574.7/24

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

Left In: 645.011+/-0.116 χ^2/NDF:4176295.6/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 655.587+/-0.082 χ^2/NDF: 7383446.0/47

- 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: 566.778+/-598.308 χ^2/NDF:25.2/24

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

Left In: -1713.317+/-607.775 χ^2/NDF:18.1/22

+ sign 879.526+/-530.910 χ^2/NDF: 41.3/41

All: -328.048+/-378.910 χ^2/NDF: 95.5/83

- sign -1581.735+/-540.952 χ^2/NDF: 43.6/41

asym_atl1_rms vs Slug

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

Left Out: 2553.097+/-0.423 χ^2/NDF:148430.5/24

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

Left In: 2541.950+/-0.430 χ^2/NDF:97238.4/22

+ sign 2628.919+/-0.375 χ^2/NDF: 941404.6/41

All: 2636.939+/-0.268 χ^2/NDF: 2328985.8/83

- sign 2645.265+/-0.383 χ^2/NDF: 1386651.0/41

dit_asym_atl2_mean vs Slug

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

Left Out: 807.297+/-677.513 χ^2/NDF:39.1/24

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

Left In: -2595.551+/-683.824 χ^2/NDF:14.0/22

+ sign 1044.158+/-538.865 χ^2/NDF: 46.9/41

All: -671.530+/-378.918 χ^2/NDF: 103.6/83

- sign -2349.613+/-532.926 χ^2/NDF: 36.7/41

dit_asym_atl2_rms vs Slug

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

Left Out: 2849.256+/-0.479 χ^2/NDF:1034478.3/24

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

Left In: 2844.779+/-0.484 χ^2/NDF:383776.8/22

+ sign 2619.213+/-0.381 χ^2/NDF: 2512339.6/41

All: 2604.896+/-0.268 χ^2/NDF: 4202796.7/83

- sign 2590.902+/-0.377 χ^2/NDF: 1687665.4/41

asym_atl2_correction_mean vs Slug

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

Left Out: -1810.593+/-1078.173 χ^2/NDF:31.2/24

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

Left In: 339.260+/-2365.986 χ^2/NDF:14.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1440.921+/-981.106 χ^2/NDF: 46.1/47

- 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: 2786.461+/-0.762 χ^2/NDF:22863045.3/24

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

Left In: 9727.255+/-1.673 χ^2/NDF:1261406.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3979.946+/-0.694 χ^2/NDF: 38376569.5/4

- 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: 2192.629+/-2346.604 χ^2/NDF:31.2/24

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

Left In: -3362.489+/-2413.842 χ^2/NDF:12.8/22

+ sign 2970.621+/-1713.768 χ^2/NDF: 46.2/41

All: 15.892+/-1210.297 χ^2/NDF: 85.0/83

- sign -2924.065+/-1709.478 χ^2/NDF: 32.9/41

asym_atl2_rms vs Slug

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

Left Out: 9841.227+/-1.659 χ^2/NDF:1184767.7/24

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

Left In: 9928.662+/-1.707 χ^2/NDF:1220804.9/22

+ sign 8202.891+/-1.212 χ^2/NDF: 3867343.8/41

All: 8149.605+/-0.856 χ^2/NDF: 7938637.9/83

- sign 8096.588+/-1.209 χ^2/NDF: 4067436.8/41

dit_asym_atr1_mean vs Slug

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

Left Out: 2712.564+/-648.832 χ^2/NDF:34.7/24

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

Left In: -2697.794+/-662.544 χ^2/NDF:36.1/22

+ sign 2538.207+/-563.195 χ^2/NDF: 47.1/41

All: -79.780+/-399.094 χ^2/NDF: 136.4/83

- sign -2720.359+/-565.620 χ^2/NDF: 46.0/41

dit_asym_atr1_rms vs Slug

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

Left Out: 2777.450+/-0.459 χ^2/NDF:5253.1/24

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

Left In: 2777.355+/-0.468 χ^2/NDF:5488.7/22

+ sign 2800.071+/-0.398 χ^2/NDF: 685013.0/41

All: 2797.430+/-0.282 χ^2/NDF: 1008206.5/83

- sign 2794.766+/-0.400 χ^2/NDF: 323105.1/41

asym_atr1_correction_mean vs Slug

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

Left Out: -661.759+/-190.222 χ^2/NDF:48.7/24

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

Left In: -35.366+/-190.553 χ^2/NDF:15.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -349.107+/-134.624 χ^2/NDF: 69.2/47

- 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: 796.994+/-0.135 χ^2/NDF:1174879.0/24

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

Left In: 785.928+/-0.135 χ^2/NDF:1126027.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 791.470+/-0.095 χ^2/NDF: 2304284.9/47

- 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: 3139.358+/-680.222 χ^2/NDF:38.3/24

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

Left In: -2659.828+/-693.121 χ^2/NDF:36.9/22

+ sign 2931.378+/-586.330 χ^2/NDF: 53.0/41

All: 179.208+/-415.162 χ^2/NDF: 144.2/83

- sign -2587.998+/-587.929 χ^2/NDF: 47.0/41

asym_atr1_rms vs Slug

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

Left Out: 2910.362+/-0.481 χ^2/NDF:36080.5/24

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

Left In: 2904.499+/-0.490 χ^2/NDF:30423.1/22

+ sign 2914.538+/-0.415 χ^2/NDF: 699168.2/41

All: 2909.018+/-0.294 χ^2/NDF: 899829.0/83

- sign 2903.469+/-0.416 χ^2/NDF: 200305.4/41

dit_asym_atr2_mean vs Slug

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

Left Out: 1386.275+/-684.647 χ^2/NDF:18.0/24

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

Left In: -3106.878+/-695.685 χ^2/NDF:18.4/22

+ sign 2024.125+/-579.989 χ^2/NDF: 30.9/41

All: -419.582+/-409.910 χ^2/NDF: 103.6/83

- sign -2858.431+/-579.413 χ^2/NDF: 37.2/41

dit_asym_atr2_rms vs Slug

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

Left Out: 2912.211+/-0.484 χ^2/NDF:290908.5/24

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

Left In: 2904.472+/-0.492 χ^2/NDF:217578.9/22

+ sign 2873.360+/-0.410 χ^2/NDF: 815397.1/41

All: 2856.417+/-0.290 χ^2/NDF: 1873553.0/83

- sign 2839.511+/-0.410 χ^2/NDF: 1054746.3/41

asym_atr2_correction_mean vs Slug

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

Left Out: 916.096+/-2238.762 χ^2/NDF:28.7/24

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

Left In: 25.729+/-2280.428 χ^2/NDF:16.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 479.121+/-1597.571 χ^2/NDF: 44.9/47

- 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: 9369.034+/-1.583 χ^2/NDF:1183012.4/24

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

Left In: 9382.727+/-1.613 χ^2/NDF:1205648.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 9375.755+/-1.130 χ^2/NDF: 2388697.9/47

- 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: 43.265+/-2290.867 χ^2/NDF:25.9/24

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

Left In: -2925.533+/-2330.587 χ^2/NDF:14.6/22

+ sign 2153.737+/-1897.600 χ^2/NDF: 43.9/41

All: -788.885+/-1334.545 χ^2/NDF: 77.2/83

- sign -3668.664+/-1877.227 χ^2/NDF: 28.5/41

asym_atr2_rms vs Slug

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

Left Out: 9627.824+/-1.620 χ^2/NDF:1004641.7/24

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

Left In: 9607.553+/-1.648 χ^2/NDF:1085465.7/22

+ sign 9278.129+/-1.342 χ^2/NDF: 1915736.0/41

All: 9167.203+/-0.944 χ^2/NDF: 4282900.6/83

- sign 9058.650+/-1.327 χ^2/NDF: 2353642.4/41

dit_asym_sam1_mean vs Slug

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

Left Out: -158.948+/-19.453 χ^2/NDF:25.8/24

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

Left In: 131.879+/-20.076 χ^2/NDF:17.8/22

+ sign -113.163+/-16.888 χ^2/NDF: 60.9/41

All: -12.289+/-12.146 χ^2/NDF: 187.8/83

- sign 95.787+/-17.481 χ^2/NDF: 53.0/41

dit_asym_sam1_rms vs Slug

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

Left Out: 83.126+/-0.014 χ^2/NDF:138741.0/24

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

Left In: 84.108+/-0.014 χ^2/NDF:96934.3/22

+ sign 83.523+/-0.012 χ^2/NDF: 1206538.6/41

All: 84.393+/-0.009 χ^2/NDF: 2904163.5/83

- sign 85.326+/-0.012 χ^2/NDF: 1686621.1/41

asym_sam1_correction_mean vs Slug

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

Left Out: -6.627+/-81.138 χ^2/NDF:24.4/24

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

Left In: 59.971+/-82.046 χ^2/NDF:38.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 26.301+/-57.692 χ^2/NDF: 62.7/47

- 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: 343.620+/-0.057 χ^2/NDF:571090.7/24

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

Left In: 339.804+/-0.058 χ^2/NDF:799750.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 341.733+/-0.041 χ^2/NDF: 1373028.9/47

- 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: -148.809+/-81.017 χ^2/NDF:22.0/24

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

Left In: 56.402+/-82.155 χ^2/NDF:39.7/22

+ sign -99.221+/-73.825 χ^2/NDF: 37.0/41

All: -46.717+/-52.619 χ^2/NDF: 101.5/83

- sign 7.494+/-75.017 χ^2/NDF: 63.5/41

asym_sam1_rms vs Slug

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

Left Out: 343.762+/-0.057 χ^2/NDF:539246.3/24

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

Left In: 340.519+/-0.058 χ^2/NDF:737049.6/22

+ sign 358.198+/-0.052 χ^2/NDF: 2925886.1/41

All: 358.660+/-0.037 χ^2/NDF: 6320186.5/83

- sign 359.137+/-0.053 χ^2/NDF: 3394141.5/41

dit_asym_sam2_mean vs Slug

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

Left Out: -244.459+/-70.636 χ^2/NDF:28.9/24

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

Left In: 152.030+/-72.312 χ^2/NDF:18.2/22

+ sign -119.075+/-63.172 χ^2/NDF: 54.1/41

All: -9.234+/-45.157 χ^2/NDF: 97.2/83

- sign 105.534+/-64.573 χ^2/NDF: 37.0/41

dit_asym_sam2_rms vs Slug

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

Left Out: 300.961+/-0.050 χ^2/NDF:322200.5/24

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

Left In: 302.180+/-0.051 χ^2/NDF:247468.9/22

+ sign 312.312+/-0.045 χ^2/NDF: 1209873.7/41

All: 314.154+/-0.032 χ^2/NDF: 2610389.1/83

- sign 316.079+/-0.046 χ^2/NDF: 1397036.1/41

asym_sam2_correction_mean vs Slug

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

Left Out: -1146.466+/-479.950 χ^2/NDF:41.3/24

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

Left In: 298.915+/-491.476 χ^2/NDF:35.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -440.922+/-343.379 χ^2/NDF: 80.7/47

- 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: 2030.179+/-0.339 χ^2/NDF:702523.9/24

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

Left In: 2044.056+/-0.348 χ^2/NDF:570535.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2036.953+/-0.243 χ^2/NDF: 1273875.5/47

- 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: 942.775+/-474.439 χ^2/NDF:38.3/24

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

Left In: -180.087+/-486.112 χ^2/NDF:32.9/22

+ sign 1141.077+/-450.627 χ^2/NDF: 57.4/41

All: 522.589+/-322.805 χ^2/NDF: 109.7/83

- sign -129.315+/-462.640 χ^2/NDF: 48.4/41

asym_sam2_rms vs Slug

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

Left Out: 2008.897+/-0.335 χ^2/NDF:709254.4/24

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

Left In: 2020.887+/-0.344 χ^2/NDF:576363.5/22

+ sign 2162.009+/-0.319 χ^2/NDF: 3926489.8/41

All: 2178.457+/-0.228 χ^2/NDF: 8244309.0/83

- sign 2195.794+/-0.327 χ^2/NDF: 4312346.1/41

dit_asym_sam3_mean vs Slug

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

Left Out: 41.847+/-23.035 χ^2/NDF:39.1/24

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

Left In: -82.630+/-24.154 χ^2/NDF:28.6/22

+ sign 48.429+/-21.055 χ^2/NDF: 51.1/41

All: -12.321+/-15.208 χ^2/NDF: 113.7/83

- sign -78.588+/-21.991 χ^2/NDF: 45.2/41

dit_asym_sam3_rms vs Slug

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

Left Out: 94.886+/-0.016 χ^2/NDF:1796861.0/24

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

Left In: 97.499+/-0.017 χ^2/NDF:1561333.1/22

+ sign 100.062+/-0.015 χ^2/NDF: 3720961.7/41

All: 101.578+/-0.011 χ^2/NDF: 7391793.9/83

- sign 103.231+/-0.016 χ^2/NDF: 3649150.3/41

asym_sam3_correction_mean vs Slug

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

Left Out: -832.580+/-183.960 χ^2/NDF:68.8/24

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

Left In: -53.006+/-184.870 χ^2/NDF:25.3/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -444.716+/-130.400 χ^2/NDF: 103.1/47

- 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: 758.608+/-0.130 χ^2/NDF:2453711.9/24

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

Left In: 749.995+/-0.131 χ^2/NDF:2186634.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 754.323+/-0.092 χ^2/NDF: 4642527.3/47

- 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: 911.919+/-186.104 χ^2/NDF:64.9/24

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

Left In: -2.470+/-187.271 χ^2/NDF:25.6/22

+ sign 891.561+/-178.220 χ^2/NDF: 90.7/41

All: 494.212+/-126.237 χ^2/NDF: 140.3/83

- sign 94.113+/-178.835 χ^2/NDF: 39.6/41

asym_sam3_rms vs Slug

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

Left Out: 769.207+/-0.132 χ^2/NDF:2275390.6/24

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

Left In: 759.935+/-0.132 χ^2/NDF:2014703.5/22

+ sign 835.261+/-0.126 χ^2/NDF: 5803931.9/41

All: 833.421+/-0.089 χ^2/NDF: 11604033.0/83

- sign 831.568+/-0.126 χ^2/NDF: 5799673.3/41

dit_asym_sam4_mean vs Slug

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

Left Out: 290.293+/-72.910 χ^2/NDF:22.3/24

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

Left In: -350.522+/-75.911 χ^2/NDF:27.4/22

+ sign 217.023+/-59.950 χ^2/NDF: 42.2/41

All: -49.442+/-42.523 χ^2/NDF: 124.5/83

- sign -319.253+/-60.325 χ^2/NDF: 42.5/41

dit_asym_sam4_rms vs Slug

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

Left Out: 302.040+/-0.052 χ^2/NDF:1597233.8/24

Right Out: 256.268+/-0.070 χ^2/NDF: 696896.2/18

Left In: 309.609+/-0.054 χ^2/NDF:1180280.8/22

+ sign 290.569+/-0.042 χ^2/NDF: 2300840.9/41

All: 290.264+/-0.030 χ^2/NDF: 4541996.9/83

- sign 289.955+/-0.043 χ^2/NDF: 2241051.7/41

asym_sam4_correction_mean vs Slug

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

Left Out: -2325.488+/-486.043 χ^2/NDF:49.8/24

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

Left In: -477.779+/-494.228 χ^2/NDF:23.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1417.061+/-346.542 χ^2/NDF: 80.0/47

- 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: 2052.401+/-0.344 χ^2/NDF:838023.2/24

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

Left In: 2052.384+/-0.349 χ^2/NDF:653872.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2052.392+/-0.245 χ^2/NDF: 1491895.3/47

- 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: 2667.050+/-480.963 χ^2/NDF:50.0/24

Right Out: 1557.388+/-924.003 χ^2/NDF: 10.5/18

Left In: 132.307+/-489.752 χ^2/NDF:24.7/22

+ sign 2229.520+/-432.818 χ^2/NDF: 78.5/41

All: 1336.997+/-306.016 χ^2/NDF: 124.1/83

- sign 444.856+/-432.726 χ^2/NDF: 37.1/41

asym_sam4_rms vs Slug

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

Left Out: 2032.502+/-0.340 χ^2/NDF:824418.6/24

Right Out: 2364.507+/-0.653 χ^2/NDF: 1023402.8/18

Left In: 2031.692+/-0.346 χ^2/NDF:653382.0/22

+ sign 2116.541+/-0.306 χ^2/NDF: 2051748.0/41

All: 2110.612+/-0.216 χ^2/NDF: 3931847.3/83

- sign 2104.685+/-0.306 χ^2/NDF: 1879348.9/41

dit_asym_sam5_mean vs Slug

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

Left Out: 182.238+/-40.102 χ^2/NDF:26.9/24

Right Out: -91.634+/-43.318 χ^2/NDF: 15.7/18

Left In: -193.004+/-41.384 χ^2/NDF:21.1/22

+ sign 110.937+/-30.353 χ^2/NDF: 46.9/41

All: -18.667+/-21.309 χ^2/NDF: 122.4/83

- sign -144.632+/-29.923 χ^2/NDF: 39.6/41

dit_asym_sam5_rms vs Slug

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

Left Out: 169.906+/-0.028 χ^2/NDF:663159.2/24

Right Out: 109.709+/-0.031 χ^2/NDF: 1242014.6/18

Left In: 172.065+/-0.029 χ^2/NDF:589733.9/22

+ sign 145.998+/-0.021 χ^2/NDF: 3735274.6/41

All: 144.128+/-0.015 χ^2/NDF: 7748673.2/83

- sign 142.310+/-0.021 χ^2/NDF: 3998423.3/41

asym_sam5_correction_mean vs Slug

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

Left Out: -412.804+/-240.278 χ^2/NDF:19.0/24

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

Left In: -223.332+/-243.771 χ^2/NDF:36.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -319.436+/-171.124 χ^2/NDF: 55.4/47

- 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: 1020.149+/-0.170 χ^2/NDF:369866.7/24

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

Left In: 1015.000+/-0.172 χ^2/NDF:404865.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1017.611+/-0.121 χ^2/NDF: 775184.8/47

- 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: 580.226+/-235.583 χ^2/NDF:18.4/24

Right Out: 488.583+/-282.758 χ^2/NDF: 22.6/18

Left In: 42.397+/-239.278 χ^2/NDF:37.9/22

+ sign 313.010+/-188.117 χ^2/NDF: 38.2/41

All: 269.554+/-131.045 χ^2/NDF: 100.3/83

- sign 228.583+/-182.655 χ^2/NDF: 62.0/41

asym_sam5_rms vs Slug

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

Left Out: 1001.233+/-0.167 χ^2/NDF:370278.3/24

Right Out: 702.656+/-0.200 χ^2/NDF: 1689579.7/18

Left In: 995.590+/-0.169 χ^2/NDF:424434.6/22

+ sign 912.724+/-0.133 χ^2/NDF: 2860603.5/41

All: 892.459+/-0.093 χ^2/NDF: 6270530.5/83

- sign 873.353+/-0.129 χ^2/NDF: 3364835.1/41

dit_asym_sam6_mean vs Slug

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

Left Out: 314.517+/-39.818 χ^2/NDF:21.4/24

Right Out: 9.277+/-45.600 χ^2/NDF: 14.7/18

Left In: -312.097+/-41.646 χ^2/NDF:26.9/22

+ sign 174.481+/-30.757 χ^2/NDF: 71.8/41

All: 4.232+/-21.746 χ^2/NDF: 201.7/83

- sign -165.946+/-30.751 χ^2/NDF: 68.7/41

dit_asym_sam6_rms vs Slug

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

Left Out: 169.432+/-0.028 χ^2/NDF:386461.5/24

Right Out: 116.618+/-0.032 χ^2/NDF: 997956.6/18

Left In: 173.847+/-0.029 χ^2/NDF:291729.8/22

+ sign 149.578+/-0.022 χ^2/NDF: 2681590.6/41

All: 148.699+/-0.015 χ^2/NDF: 5692111.3/83

- sign 147.821+/-0.022 χ^2/NDF: 3007254.5/41

asym_sam6_correction_mean vs Slug

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

Left Out: 356.612+/-250.934 χ^2/NDF:33.4/24

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

Left In: -212.007+/-257.383 χ^2/NDF:36.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 79.515+/-179.674 χ^2/NDF: 71.9/47

- 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: 1064.868+/-0.177 χ^2/NDF:493614.2/24

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

Left In: 1070.694+/-0.182 χ^2/NDF:570407.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1067.707+/-0.127 χ^2/NDF: 1064547.2/47

- 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: -89.632+/-247.271 χ^2/NDF:31.0/24

Right Out: 100.857+/-245.981 χ^2/NDF: 22.5/18

Left In: -110.879+/-254.337 χ^2/NDF:35.2/22

+ sign -194.138+/-175.819 χ^2/NDF: 48.2/41

All: -98.351+/-124.673 χ^2/NDF: 106.8/83

- sign -1.476+/-176.815 χ^2/NDF: 58.1/41

asym_sam6_rms vs Slug

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

Left Out: 1050.918+/-0.175 χ^2/NDF:483477.5/24

Right Out: 585.070+/-0.174 χ^2/NDF: 2820837.8/18

Left In: 1058.154+/-0.180 χ^2/NDF:532260.0/22

+ sign 810.174+/-0.124 χ^2/NDF: 7579324.7/41

All: 811.933+/-0.088 χ^2/NDF: 14508211.8/83

- sign 813.712+/-0.125 χ^2/NDF: 6928484.5/41

dit_asym_sam7_mean vs Slug

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

Left Out: 93.496+/-21.284 χ^2/NDF:22.8/24

Right Out: 15.294+/-33.422 χ^2/NDF: 35.0/18

Left In: -111.732+/-21.971 χ^2/NDF:30.7/22

+ sign 50.093+/-18.133 χ^2/NDF: 44.1/41

All: -10.889+/-12.901 χ^2/NDF: 142.8/83

- sign -73.402+/-18.359 χ^2/NDF: 75.8/41

dit_asym_sam7_rms vs Slug

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

Left Out: 88.830+/-0.015 χ^2/NDF:1000651.2/24

Right Out: 86.943+/-0.024 χ^2/NDF: 531359.9/18

Left In: 89.934+/-0.016 χ^2/NDF:874129.5/22

+ sign 88.653+/-0.013 χ^2/NDF: 1395600.4/41

All: 88.840+/-0.009 χ^2/NDF: 2812704.7/83

- sign 89.031+/-0.013 χ^2/NDF: 1416674.8/41

asym_sam7_correction_mean vs Slug

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

Left Out: -313.446+/-77.334 χ^2/NDF:58.1/24

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

Left In: -41.244+/-78.858 χ^2/NDF:28.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -179.999+/-55.214 χ^2/NDF: 92.2/47

- 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: 325.432+/-0.055 χ^2/NDF:1000974.7/24

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

Left In: 326.516+/-0.056 χ^2/NDF:841153.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 325.964+/-0.039 χ^2/NDF: 1842320.6/47

- 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: 407.375+/-74.730 χ^2/NDF:53.0/24

Right Out: 284.456+/-129.599 χ^2/NDF: 10.6/18

Left In: -87.657+/-76.572 χ^2/NDF:27.4/22

+ sign 338.090+/-66.192 χ^2/NDF: 77.6/41

All: 172.694+/-46.710 χ^2/NDF: 134.1/83

- sign 8.630+/-65.925 χ^2/NDF: 44.1/41

asym_sam7_rms vs Slug

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

Left Out: 314.405+/-0.053 χ^2/NDF:1112244.9/24

Right Out: 309.105+/-0.092 χ^2/NDF: 2730308.7/18

Left In: 316.616+/-0.054 χ^2/NDF:929652.0/22

+ sign 319.823+/-0.047 χ^2/NDF: 3203287.0/41

All: 317.237+/-0.033 χ^2/NDF: 6874306.4/83

- sign 314.673+/-0.047 χ^2/NDF: 3664940.6/41

dit_asym_sam8_mean vs Slug

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

Left Out: -199.640+/-18.452 χ^2/NDF:20.2/24

Right Out: 112.097+/-29.622 χ^2/NDF: 39.3/18

Left In: 179.154+/-19.112 χ^2/NDF:23.9/22

+ sign -198.821+/-15.774 χ^2/NDF: 39.2/41

All: -22.906+/-11.253 χ^2/NDF: 359.3/83

- sign 159.444+/-16.059 χ^2/NDF: 66.8/41

dit_asym_sam8_rms vs Slug

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

Left Out: 75.883+/-0.013 χ^2/NDF:1552500.3/24

Right Out: 76.479+/-0.021 χ^2/NDF: 699361.8/18

Left In: 77.080+/-0.014 χ^2/NDF:1422981.1/22

+ sign 76.101+/-0.011 χ^2/NDF: 2153883.5/41

All: 76.495+/-0.008 χ^2/NDF: 4279346.2/83

- sign 76.903+/-0.011 χ^2/NDF: 2122923.5/41

asym_sam8_correction_mean vs Slug

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

Left Out: -305.659+/-65.327 χ^2/NDF:54.9/24

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

Left In: -52.759+/-67.539 χ^2/NDF:24.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -183.419+/-46.956 χ^2/NDF: 87.0/47

- 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: 275.901+/-0.046 χ^2/NDF:753109.6/24

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

Left In: 280.628+/-0.048 χ^2/NDF:587415.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 278.186+/-0.033 χ^2/NDF: 1345588.4/47

- 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: 121.185+/-62.911 χ^2/NDF:49.0/24

Right Out: 164.141+/-76.903 χ^2/NDF: 11.9/18

Left In: 207.047+/-65.246 χ^2/NDF:27.8/22

+ sign 63.683+/-51.629 χ^2/NDF: 68.1/41

All: 128.706+/-35.825 χ^2/NDF: 111.0/83

- sign 189.089+/-49.752 χ^2/NDF: 39.8/41

asym_sam8_rms vs Slug

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

Left Out: 266.618+/-0.044 χ^2/NDF:639230.8/24

Right Out: 171.794+/-0.054 χ^2/NDF: 4092634.7/18

Left In: 271.451+/-0.046 χ^2/NDF:530897.8/22

+ sign 245.184+/-0.037 χ^2/NDF: 4786419.1/41

All: 237.176+/-0.025 χ^2/NDF: 11455619.4/83

- sign 229.740+/-0.035 χ^2/NDF: 6576407.6/41

dit_asym_sam_15_avg_mean vs Slug

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

Left Out: 9.762+/-16.463 χ^2/NDF:25.9/24

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

Left In: -30.236+/-17.031 χ^2/NDF:21.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -9.560+/-11.837 χ^2/NDF: 50.7/47

- 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: 69.234+/-0.012 χ^2/NDF:1005922.1/24

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

Left In: 70.322+/-0.012 χ^2/NDF:862105.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 69.760+/-0.008 χ^2/NDF: 1872251.2/47

- 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: -211.526+/-82.780 χ^2/NDF:19.4/24

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

Left In: -88.062+/-84.309 χ^2/NDF:33.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -150.924+/-59.067 χ^2/NDF: 53.9/47

- 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: 350.780+/-0.059 χ^2/NDF:506274.4/24

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

Left In: 350.944+/-0.060 χ^2/NDF:424876.4/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 350.861+/-0.042 χ^2/NDF: 931154.7/47

- 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: 215.214+/-81.235 χ^2/NDF:19.6/24

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

Left In: 61.730+/-82.841 χ^2/NDF:34.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 139.975+/-58.001 χ^2/NDF: 56.3/47

- 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: 344.439+/-0.057 χ^2/NDF:488381.9/24

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

Left In: 344.475+/-0.059 χ^2/NDF:433401.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 344.457+/-0.041 χ^2/NDF: 921783.8/47

- 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: 22.164+/-26.284 χ^2/NDF:28.1/24

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

Left In: -62.310+/-27.398 χ^2/NDF:22.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -18.320+/-18.967 χ^2/NDF: 55.0/47

- 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: 109.953+/-0.019 χ^2/NDF:1140626.9/24

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

Left In: 112.657+/-0.019 χ^2/NDF:835831.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 111.249+/-0.013 χ^2/NDF: 1986605.7/47

- 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: -319.391+/-110.306 χ^2/NDF:51.5/24

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

Left In: 9.462+/-112.340 χ^2/NDF:32.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -157.970+/-78.707 χ^2/NDF: 88.4/47

- 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: 450.363+/-0.078 χ^2/NDF:3096435.8/24

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

Left In: 452.694+/-0.079 χ^2/NDF:2586032.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 451.507+/-0.056 χ^2/NDF: 5682906.4/47

- 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: 337.948+/-109.831 χ^2/NDF:48.6/24

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

Left In: -99.475+/-111.475 χ^2/NDF:32.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 122.486+/-78.237 χ^2/NDF: 88.4/47

- 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: 448.397+/-0.078 χ^2/NDF:3077183.0/24

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

Left In: 448.238+/-0.079 χ^2/NDF:2563455.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 448.319+/-0.055 χ^2/NDF: 5640640.6/47

- 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: 64.142+/-18.728 χ^2/NDF:33.8/24

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

Left In: -91.028+/-19.637 χ^2/NDF:32.6/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -9.766+/-13.553 χ^2/NDF: 99.1/47

- 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: 77.280+/-0.013 χ^2/NDF:1553410.1/24

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

Left In: 79.491+/-0.014 χ^2/NDF:1333774.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 78.333+/-0.010 χ^2/NDF: 2900472.8/47

- 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: -571.669+/-128.158 χ^2/NDF:66.8/24

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

Left In: -50.077+/-129.187 χ^2/NDF:26.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -312.958+/-90.983 χ^2/NDF: 101.1/47

- 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: 531.643+/-0.091 χ^2/NDF:2038304.3/24

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

Left In: 527.182+/-0.091 χ^2/NDF:1813383.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 529.430+/-0.064 χ^2/NDF: 3852889.7/47

- 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: 659.523+/-128.164 χ^2/NDF:62.4/24

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

Left In: -43.183+/-129.538 χ^2/NDF:26.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 311.915+/-91.108 χ^2/NDF: 103.3/47

- 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: 532.393+/-0.091 χ^2/NDF:1943066.8/24

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

Left In: 528.464+/-0.092 χ^2/NDF:1712049.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 530.449+/-0.064 χ^2/NDF: 3656045.7/47

- 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: 45.675+/-41.779 χ^2/NDF:21.9/24

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

Left In: -88.356+/-43.518 χ^2/NDF:26.4/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -18.608+/-30.138 χ^2/NDF: 53.2/47

- 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: 172.097+/-0.030 χ^2/NDF:1752497.1/24

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

Left In: 176.425+/-0.031 χ^2/NDF:1360607.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 174.173+/-0.021 χ^2/NDF: 3123399.2/47

- 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: -1324.367+/-265.950 χ^2/NDF:53.6/24

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

Left In: -276.678+/-270.547 χ^2/NDF:22.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -809.498+/-189.659 χ^2/NDF: 83.3/47

- 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: 1123.022+/-0.188 χ^2/NDF:842393.5/24

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

Left In: 1123.148+/-0.191 χ^2/NDF:689778.4/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1123.084+/-0.134 χ^2/NDF: 1532172.1/47

- 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: 1404.763+/-262.517 χ^2/NDF:53.1/24

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

Left In: 183.249+/-267.620 χ^2/NDF:23.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 805.763+/-187.406 χ^2/NDF: 87.4/47

- 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: 1109.574+/-0.186 χ^2/NDF:812957.8/24

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

Left In: 1110.162+/-0.189 χ^2/NDF:673229.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1109.863+/-0.133 χ^2/NDF: 1486192.0/47

- 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: -172.357+/-26.709 χ^2/NDF:27.2/24

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

Left In: 159.044+/-27.608 χ^2/NDF:21.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -12.138+/-19.196 χ^2/NDF: 122.7/47

- 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: 113.727+/-0.019 χ^2/NDF:392153.8/24

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

Left In: 115.377+/-0.020 χ^2/NDF:309034.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 114.525+/-0.014 χ^2/NDF: 704876.2/47

- 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: 202.466+/-159.030 χ^2/NDF:19.8/24

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

Left In: 140.039+/-161.024 χ^2/NDF:36.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 171.641+/-113.149 χ^2/NDF: 56.7/47

- 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: 675.335+/-0.112 χ^2/NDF:358713.6/24

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

Left In: 669.938+/-0.114 χ^2/NDF:464085.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 672.670+/-0.080 χ^2/NDF: 823936.7/47

- 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: -365.394+/-156.301 χ^2/NDF:18.7/24

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

Left In: 11.243+/-158.497 χ^2/NDF:38.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -179.703+/-111.290 χ^2/NDF: 60.4/47

- 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: 664.618+/-0.111 χ^2/NDF:356964.3/24

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

Left In: 659.230+/-0.112 χ^2/NDF:472744.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 661.962+/-0.079 χ^2/NDF: 830881.0/47

- 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: -275.447+/-50.539 χ^2/NDF:27.3/24

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

Left In: 223.195+/-51.742 χ^2/NDF:20.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -31.986+/-36.154 χ^2/NDF: 95.6/47

- 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: 215.963+/-0.036 χ^2/NDF:144735.1/24

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

Left In: 216.821+/-0.037 χ^2/NDF:132518.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 216.382+/-0.026 χ^2/NDF: 277535.4/47

- 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: -779.146+/-366.965 χ^2/NDF:38.5/24

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

Left In: 261.815+/-376.203 χ^2/NDF:35.4/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -271.603+/-262.688 χ^2/NDF: 77.8/47

- 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: 1559.504+/-0.259 χ^2/NDF:379160.1/24

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

Left In: 1570.331+/-0.266 χ^2/NDF:329434.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1564.783+/-0.186 χ^2/NDF: 709443.3/47

- 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: 550.093+/-362.172 χ^2/NDF:35.6/24

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

Left In: -43.949+/-371.765 χ^2/NDF:33.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 260.836+/-259.420 χ^2/NDF: 70.4/47

- 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: 1541.149+/-0.256 χ^2/NDF:382077.8/24

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

Left In: 1551.481+/-0.263 χ^2/NDF:339002.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1546.180+/-0.183 χ^2/NDF: 721873.3/47

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_37_dd_mean vs Slug

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

Left Out: -24.126+/-12.525 χ^2/NDF:30.7/24

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

Left In: 15.058+/-12.921 χ^2/NDF:23.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -5.144+/-8.993 χ^2/NDF: 59.3/47

- 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: 52.942+/-0.009 χ^2/NDF:513146.0/24

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

Left In: 53.312+/-0.009 χ^2/NDF:644220.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 53.121+/-0.006 χ^2/NDF: 1158211.4/47

- 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: -271.240+/-60.285 χ^2/NDF:67.7/24

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

Left In: -7.535+/-60.328 χ^2/NDF:22.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -139.482+/-42.643 χ^2/NDF: 100.1/47

- 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: 247.166+/-0.043 χ^2/NDF:2853302.0/24

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

Left In: 243.189+/-0.043 χ^2/NDF:2571190.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 245.179+/-0.030 χ^2/NDF: 5428841.5/47

- 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: 258.044+/-61.488 χ^2/NDF:65.0/24

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

Left In: 40.015+/-61.495 χ^2/NDF:25.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 149.043+/-43.481 χ^2/NDF: 96.3/47

- 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: 252.721+/-0.043 χ^2/NDF:2648800.3/24

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

Left In: 247.919+/-0.043 χ^2/NDF:2374698.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 250.320+/-0.031 χ^2/NDF: 5029597.8/47

- 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: 243.442+/-32.738 χ^2/NDF:23.4/24

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

Left In: -260.749+/-33.988 χ^2/NDF:28.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.786+/-23.579 χ^2/NDF: 166.0/47

- 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: 137.036+/-0.023 χ^2/NDF:1200381.2/24

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

Left In: 139.966+/-0.024 χ^2/NDF:838127.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 138.446+/-0.017 χ^2/NDF: 2046220.3/47

- 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: -1004.364+/-222.387 χ^2/NDF:44.7/24

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

Left In: -198.654+/-225.997 χ^2/NDF:24.6/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -607.996+/-158.512 χ^2/NDF: 75.8/47

- 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: 938.988+/-0.157 χ^2/NDF:828400.0/24

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

Left In: 938.755+/-0.160 χ^2/NDF:611419.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 938.874+/-0.112 χ^2/NDF: 1439820.2/47

- 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: 1264.940+/-220.626 χ^2/NDF:45.5/24

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

Left In: -53.940+/-224.371 χ^2/NDF:26.4/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 616.599+/-157.313 χ^2/NDF: 89.5/47

- 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: 932.170+/-0.156 χ^2/NDF:828733.8/24

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

Left In: 930.854+/-0.159 χ^2/NDF:621985.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 931.523+/-0.111 χ^2/NDF: 1450754.2/47

- 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: -98.557+/-14.525 χ^2/NDF:35.2/24

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

Left In: 93.899+/-15.039 χ^2/NDF:19.3/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -5.674+/-10.448 χ^2/NDF: 139.2/47

- 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: 61.827+/-0.010 χ^2/NDF:313572.8/24

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

Left In: 62.827+/-0.011 χ^2/NDF:187007.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 62.310+/-0.007 χ^2/NDF: 505157.6/47

- 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: -94.907+/-82.850 χ^2/NDF:31.6/24

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

Left In: 73.914+/-84.652 χ^2/NDF:36.4/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -12.313+/-59.211 χ^2/NDF: 70.0/47

- 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: 352.403+/-0.059 χ^2/NDF:418506.2/24

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

Left In: 353.197+/-0.060 χ^2/NDF:321761.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 352.791+/-0.042 χ^2/NDF: 740357.2/47

- 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: -12.545+/-79.984 χ^2/NDF:27.3/24

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

Left In: 31.531+/-81.476 χ^2/NDF:34.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 9.086+/-57.077 χ^2/NDF: 62.3/47

- 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: 340.018+/-0.057 χ^2/NDF:465345.1/24

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

Left In: 339.571+/-0.058 χ^2/NDF:377816.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 339.799+/-0.040 χ^2/NDF: 843191.8/47

- 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: -32.964+/-10.578 χ^2/NDF:48.0/24

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

Left In: 31.144+/-10.958 χ^2/NDF:23.4/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -2.041+/-7.610 χ^2/NDF: 89.2/47

- 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: 44.862+/-0.007 χ^2/NDF:415524.3/24

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

Left In: 45.465+/-0.008 χ^2/NDF:457021.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 45.153+/-0.005 χ^2/NDF: 875681.9/47

- 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: 192.946+/-70.968 χ^2/NDF:45.8/24

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

Left In: -10.801+/-72.300 χ^2/NDF:30.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 92.967+/-50.646 χ^2/NDF: 80.1/47

- 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: 296.383+/-0.050 χ^2/NDF:1635498.4/24

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

Left In: 297.137+/-0.051 χ^2/NDF:1320750.3/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 296.753+/-0.036 χ^2/NDF: 2956359.4/47

- 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: -247.108+/-71.218 χ^2/NDF:43.6/24

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

Left In: 61.707+/-72.478 χ^2/NDF:30.3/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -95.407+/-50.798 χ^2/NDF: 83.1/47

- 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: 297.273+/-0.050 χ^2/NDF:1627904.5/24

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

Left In: 297.696+/-0.051 χ^2/NDF:1274607.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 297.481+/-0.036 χ^2/NDF: 2902547.0/47

- 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: -17.764+/-21.121 χ^2/NDF:25.5/24

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

Left In: -2.505+/-21.582 χ^2/NDF:18.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -10.299+/-15.095 χ^2/NDF: 43.8/47

- 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: 88.991+/-0.015 χ^2/NDF:807471.2/24

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

Left In: 89.321+/-0.015 χ^2/NDF:560433.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 89.152+/-0.011 χ^2/NDF: 1368144.9/47

- 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: -871.061+/-205.986 χ^2/NDF:57.6/24

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

Left In: 20.573+/-210.177 χ^2/NDF:29.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -434.222+/-147.113 χ^2/NDF: 96.5/47

- 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: 871.690+/-0.146 χ^2/NDF:642403.4/24

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

Left In: 874.055+/-0.149 χ^2/NDF:578510.6/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 872.849+/-0.104 χ^2/NDF: 1221043.2/47

- 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: 875.084+/-205.572 χ^2/NDF:55.1/24

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

Left In: -41.523+/-210.209 χ^2/NDF:28.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 427.001+/-146.973 χ^2/NDF: 92.9/47

- 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: 870.853+/-0.145 χ^2/NDF:651805.6/24

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

Left In: 873.902+/-0.149 χ^2/NDF:583344.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 872.344+/-0.104 χ^2/NDF: 1235365.2/47

- 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: -15.956+/-23.377 χ^2/NDF:34.9/24

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

Left In: 11.570+/-24.412 χ^2/NDF:24.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -2.789+/-16.884 χ^2/NDF: 59.5/47

- 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: 98.001+/-0.017 χ^2/NDF:1155021.9/24

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

Left In: 100.704+/-0.017 χ^2/NDF:759922.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 99.294+/-0.012 χ^2/NDF: 1927728.9/47

- 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:39.9/24

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

Left In: 129.094+/-124.247 χ^2/NDF:28.3/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.000+/-0.000 χ^2/NDF: 69.3/47

- 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:34974091.9/24

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

Left In: 516.120+/-0.088 χ^2/NDF:571744.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.000+/-0.000 χ^2/NDF: 70057167.0/47

- 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: -473.870+/-117.977 χ^2/NDF:27.9/24

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

Left In: -124.022+/-120.216 χ^2/NDF:30.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -302.234+/-84.203 χ^2/NDF: 62.4/47

- 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: 498.662+/-0.083 χ^2/NDF:734652.4/24

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

Left In: 498.835+/-0.085 χ^2/NDF:572334.3/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 498.747+/-0.060 χ^2/NDF: 1306988.8/47

- 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: 25.940+/-28.120 χ^2/NDF:22.7/24

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

Left In: -59.603+/-29.184 χ^2/NDF:25.6/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -15.245+/-20.250 χ^2/NDF: 52.8/47

- 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: 116.427+/-0.020 χ^2/NDF:1589669.4/24

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

Left In: 118.822+/-0.021 χ^2/NDF:1289178.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 117.580+/-0.014 χ^2/NDF: 2885830.3/47

- 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: -791.963+/-165.971 χ^2/NDF:43.6/24

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

Left In: -185.191+/-169.174 χ^2/NDF:23.4/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -494.376+/-118.475 χ^2/NDF: 73.6/47

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1548_avg_correction_rms vs Slug

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

Left Out: 702.152+/-0.117 χ^2/NDF:691552.2/24

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

Left In: 703.710+/-0.120 χ^2/NDF:533573.3/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 702.916+/-0.084 χ^2/NDF: 1225211.9/47

- 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: 832.553+/-163.428 χ^2/NDF:43.8/24

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

Left In: 128.120+/-166.866 χ^2/NDF:25.3/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 487.667+/-116.758 χ^2/NDF: 78.2/47

- 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: 692.071+/-0.116 χ^2/NDF:657636.6/24

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

Left In: 693.615+/-0.118 χ^2/NDF:520692.6/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 692.827+/-0.083 χ^2/NDF: 1178416.7/47

- 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: 53.701+/-27.462 χ^2/NDF:19.2/24

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

Left In: -88.085+/-28.764 χ^2/NDF:30.4/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -13.911+/-19.863 χ^2/NDF: 62.3/47

- 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: 112.668+/-0.019 χ^2/NDF:1851455.7/24

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

Left In: 116.108+/-0.020 χ^2/NDF:1438879.3/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 114.308+/-0.014 χ^2/NDF: 3305297.3/47

- 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: -946.412+/-188.668 χ^2/NDF:63.3/24

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

Left In: -164.202+/-191.131 χ^2/NDF:22.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -560.378+/-134.271 χ^2/NDF: 93.8/47

- 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: 793.154+/-0.133 χ^2/NDF:1158856.1/24

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

Left In: 789.699+/-0.135 χ^2/NDF:1019959.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 791.449+/-0.095 χ^2/NDF: 2179146.2/47

- 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: 1035.605+/-187.244 χ^2/NDF:61.4/24

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

Left In: 70.852+/-190.155 χ^2/NDF:23.4/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 560.671+/-133.419 χ^2/NDF: 97.8/47

- 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: 787.981+/-0.132 χ^2/NDF:1113986.0/24

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

Left In: 785.179+/-0.134 χ^2/NDF:976942.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 786.602+/-0.094 χ^2/NDF: 2091148.6/47

- 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: 14.879+/-15.529 χ^2/NDF:25.8/24

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

Left In: -41.428+/-16.130 χ^2/NDF:21.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -12.206+/-11.187 χ^2/NDF: 53.8/47

- 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: 64.680+/-0.011 χ^2/NDF:1150386.4/24

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

Left In: 66.016+/-0.011 χ^2/NDF:868433.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 65.322+/-0.008 χ^2/NDF: 2025941.7/47

- 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: -281.407+/-59.534 χ^2/NDF:66.5/24

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

Left In: -42.368+/-60.284 χ^2/NDF:24.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -163.384+/-42.360 χ^2/NDF: 99.1/47

- 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: 248.297+/-0.042 χ^2/NDF:1687698.9/24

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

Left In: 247.105+/-0.043 χ^2/NDF:1539330.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 247.709+/-0.030 χ^2/NDF: 3227424.3/47

- 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: 302.420+/-60.991 χ^2/NDF:63.8/24

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

Left In: -7.915+/-61.726 χ^2/NDF:26.3/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 149.111+/-43.384 χ^2/NDF: 102.9/47

- 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: 254.937+/-0.043 χ^2/NDF:1541708.7/24

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

Left In: 253.170+/-0.044 χ^2/NDF:1366527.6/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 254.064+/-0.031 χ^2/NDF: 2909065.8/47

- 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: 44.746+/-20.460 χ^2/NDF:30.5/24

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

Left In: -71.620+/-21.469 χ^2/NDF:23.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -10.638+/-14.811 χ^2/NDF: 69.6/47

- 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: 84.793+/-0.014 χ^2/NDF:1382881.3/24

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

Left In: 87.477+/-0.015 χ^2/NDF:1056450.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 86.070+/-0.010 χ^2/NDF: 2455720.1/47

- 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: -442.284+/-115.425 χ^2/NDF:60.9/24

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

Left In: -19.322+/-116.820 χ^2/NDF:29.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -233.345+/-82.107 χ^2/NDF: 97.1/47

- 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: 475.415+/-0.082 χ^2/NDF:2509706.1/24

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

Left In: 473.947+/-0.083 χ^2/NDF:2174476.6/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 474.690+/-0.058 χ^2/NDF: 4684342.6/47

- 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: 495.259+/-115.521 χ^2/NDF:57.2/24

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

Left In: -72.627+/-116.927 χ^2/NDF:29.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 214.750+/-82.178 χ^2/NDF: 98.2/47

- 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: 476.057+/-0.082 χ^2/NDF:2461838.6/24

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

Left In: 473.824+/-0.083 χ^2/NDF:2113753.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 474.954+/-0.058 χ^2/NDF: 4575960.9/47

- 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: -21.397+/-14.800 χ^2/NDF:20.9/24

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

Left In: 28.435+/-15.494 χ^2/NDF:26.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2.378+/-10.702 χ^2/NDF: 52.5/47

- 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: 60.551+/-0.010 χ^2/NDF:1951663.1/24

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

Left In: 62.435+/-0.011 χ^2/NDF:1445748.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 61.450+/-0.008 χ^2/NDF: 3412871.1/47

- 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: 526.705+/-105.414 χ^2/NDF:65.0/24

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

Left In: 87.989+/-106.843 χ^2/NDF:22.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 310.299+/-75.039 χ^2/NDF: 95.7/47

- 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: 443.031+/-0.075 χ^2/NDF:1171662.6/24

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

Left In: 441.359+/-0.076 χ^2/NDF:1035839.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 442.206+/-0.053 χ^2/NDF: 2207750.3/47

- 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: -565.545+/-104.460 χ^2/NDF:62.9/24

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

Left In: -50.387+/-106.218 χ^2/NDF:23.3/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -312.264+/-74.478 χ^2/NDF: 98.2/47

- 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: 439.314+/-0.074 χ^2/NDF:1164031.3/24

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

Left In: 438.365+/-0.075 χ^2/NDF:1024661.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 438.847+/-0.053 χ^2/NDF: 2188773.6/47

- 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: 10.078+/-17.207 χ^2/NDF:38.7/24

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

Left In: 1.434+/-17.926 χ^2/NDF:19.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 5.933+/-12.414 χ^2/NDF: 57.9/47

- 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: 71.785+/-0.012 χ^2/NDF:1325726.8/24

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

Left In: 73.558+/-0.013 χ^2/NDF:1009353.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 72.635+/-0.009 χ^2/NDF: 2345268.8/47

- 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: 345.360+/-89.857 χ^2/NDF:27.4/24

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

Left In: 101.648+/-91.670 χ^2/NDF:28.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 225.938+/-64.170 χ^2/NDF: 59.0/47

- 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: 380.206+/-0.064 χ^2/NDF:616620.6/24

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

Left In: 381.474+/-0.065 χ^2/NDF:461021.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 380.828+/-0.045 χ^2/NDF: 1077837.5/47

- 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: -335.242+/-87.706 χ^2/NDF:28.3/24

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

Left In: -104.117+/-89.613 χ^2/NDF:29.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -222.165+/-62.681 χ^2/NDF: 61.4/47

- 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: 371.375+/-0.062 χ^2/NDF:604123.3/24

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

Left In: 372.574+/-0.063 χ^2/NDF:464397.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 371.962+/-0.044 χ^2/NDF: 1068703.4/47

- 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: -9.398+/-15.471 χ^2/NDF:34.7/24

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

Left In: 24.293+/-16.034 χ^2/NDF:21.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 6.846+/-11.133 χ^2/NDF: 58.1/47

- 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: 65.512+/-0.011 χ^2/NDF:666993.4/24

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

Left In: 66.564+/-0.011 χ^2/NDF:521302.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 66.019+/-0.008 χ^2/NDF: 1192752.0/47

- 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: 97.420+/-82.238 χ^2/NDF:33.3/24

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

Left In: -46.660+/-83.857 χ^2/NDF:34.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 26.785+/-58.715 χ^2/NDF: 69.0/47

- 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: 342.995+/-0.058 χ^2/NDF:1665121.0/24

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

Left In: 344.818+/-0.059 χ^2/NDF:1264545.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 343.889+/-0.042 χ^2/NDF: 2930147.7/47

- 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: -108.037+/-80.579 χ^2/NDF:30.9/24

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

Left In: 74.986+/-81.949 χ^2/NDF:32.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -18.068+/-57.456 χ^2/NDF: 66.1/47

- 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: 336.231+/-0.057 χ^2/NDF:1659693.0/24

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

Left In: 336.396+/-0.058 χ^2/NDF:1269587.6/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 336.312+/-0.041 χ^2/NDF: 2929284.8/47

- 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: 26.633+/-10.090 χ^2/NDF:36.5/24

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

Left In: -8.325+/-10.361 χ^2/NDF:29.6/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 9.616+/-7.229 χ^2/NDF: 71.9/47

- 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: 42.716+/-0.007 χ^2/NDF:771558.7/24

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

Left In: 43.021+/-0.007 χ^2/NDF:642598.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 42.865+/-0.005 χ^2/NDF: 1415050.2/47

- 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: -110.340+/-31.717 χ^2/NDF:33.0/24

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

Left In: -25.828+/-32.100 χ^2/NDF:29.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -68.591+/-22.561 χ^2/NDF: 65.5/47

- 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: 131.875+/-0.022 χ^2/NDF:1806379.2/24

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

Left In: 131.630+/-0.023 χ^2/NDF:1403692.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 131.754+/-0.016 χ^2/NDF: 3210130.7/47

- 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: 141.008+/-30.636 χ^2/NDF:27.1/24

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

Left In: 15.199+/-31.033 χ^2/NDF:31.4/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 78.914+/-21.802 χ^2/NDF: 66.8/47

- 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: 128.060+/-0.022 χ^2/NDF:1530283.7/24

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

Left In: 127.380+/-0.022 χ^2/NDF:1229899.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 127.724+/-0.015 χ^2/NDF: 2760669.0/47

- 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: 33.535+/-14.197 χ^2/NDF:19.7/24

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

Left In: -60.992+/-14.839 χ^2/NDF:31.6/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -11.638+/-10.258 χ^2/NDF: 72.4/47

- 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: 58.793+/-0.010 χ^2/NDF:1460561.7/24

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

Left In: 60.355+/-0.010 χ^2/NDF:1217671.4/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 59.539+/-0.007 χ^2/NDF: 2689802.0/47

- 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: -417.817+/-84.969 χ^2/NDF:58.5/24

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

Left In: -89.505+/-86.438 χ^2/NDF:19.4/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -256.475+/-60.595 χ^2/NDF: 85.2/47

- 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: 358.349+/-0.060 χ^2/NDF:1011872.8/24

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

Left In: 357.802+/-0.061 χ^2/NDF:893330.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 358.080+/-0.043 χ^2/NDF: 1905244.1/47

- 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: 470.804+/-83.480 χ^2/NDF:58.7/24

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

Left In: 19.328+/-84.679 χ^2/NDF:23.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 248.287+/-59.449 χ^2/NDF: 96.8/47

- 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: 351.777+/-0.059 χ^2/NDF:1016791.1/24

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

Left In: 350.037+/-0.060 χ^2/NDF:889435.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 350.919+/-0.042 χ^2/NDF: 1906655.0/47

- 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: 32.332+/-26.320 χ^2/NDF:19.6/24

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

Left In: -66.254+/-27.450 χ^2/NDF:24.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -14.890+/-18.998 χ^2/NDF: 50.5/47

- 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: 107.852+/-0.019 χ^2/NDF:1833747.9/24

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

Left In: 110.691+/-0.019 χ^2/NDF:1406587.3/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 109.212+/-0.013 χ^2/NDF: 3251479.0/47

- 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: -813.029+/-164.102 χ^2/NDF:66.2/24

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

Left In: -127.427+/-166.308 χ^2/NDF:22.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -474.806+/-116.810 χ^2/NDF: 97.6/47

- 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: 688.513+/-0.116 χ^2/NDF:1287701.8/24

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

Left In: 685.733+/-0.118 χ^2/NDF:1156263.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 687.142+/-0.083 χ^2/NDF: 2444248.5/47

- 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: 873.446+/-164.269 χ^2/NDF:64.1/24

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

Left In: 41.522+/-166.728 χ^2/NDF:24.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 463.664+/-117.015 χ^2/NDF: 100.9/47

- 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: 689.767+/-0.116 χ^2/NDF:1258608.7/24

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

Left In: 686.944+/-0.118 χ^2/NDF:1116042.4/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 688.376+/-0.083 χ^2/NDF: 2374942.1/47

- 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: 0.254+/-7.690 χ^2/NDF:20.4/24

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

Left In: 4.745+/-7.976 χ^2/NDF:17.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2.418+/-5.536 χ^2/NDF: 38.4/47

- 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: 31.624+/-0.005 χ^2/NDF:1673431.1/24

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

Left In: 32.331+/-0.006 χ^2/NDF:1141501.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 31.965+/-0.004 χ^2/NDF: 2823070.9/47

- 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: 197.682+/-41.831 χ^2/NDF:69.9/24

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

Left In: 17.742+/-42.576 χ^2/NDF:27.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 109.299+/-29.839 χ^2/NDF: 106.1/47

- 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: 175.207+/-0.030 χ^2/NDF:1418225.0/24

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

Left In: 175.051+/-0.030 χ^2/NDF:1339755.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 175.130+/-0.021 χ^2/NDF: 2757993.8/47

- 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: -200.930+/-41.741 χ^2/NDF:65.5/24

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

Left In: -9.384+/-42.437 χ^2/NDF:25.4/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -106.739+/-29.758 χ^2/NDF: 101.3/47

- 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: 174.567+/-0.030 χ^2/NDF:1532900.3/24

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

Left In: 174.217+/-0.030 χ^2/NDF:1364600.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 174.395+/-0.021 χ^2/NDF: 2897570.3/47

- 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: 32.793+/-19.705 χ^2/NDF:19.5/24

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

Left In: -63.566+/-20.573 χ^2/NDF:27.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -13.311+/-14.231 χ^2/NDF: 58.1/47

- 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: 80.926+/-0.014 χ^2/NDF:1760910.0/24

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

Left In: 83.071+/-0.015 χ^2/NDF:1405124.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 81.952+/-0.010 χ^2/NDF: 3177364.3/47

- 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: -629.005+/-120.608 χ^2/NDF:63.2/24

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

Left In: -108.821+/-125.527 χ^2/NDF:21.4/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -379.306+/-86.970 χ^2/NDF: 93.5/47

- 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: 499.813+/-0.085 χ^2/NDF:1626530.8/24

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

Left In: 518.244+/-0.089 χ^2/NDF:1071993.3/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 508.660+/-0.061 χ^2/NDF: 2720944.9/47

- 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: 672.498+/-123.428 χ^2/NDF:62.8/24

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

Left In: 31.056+/-125.236 χ^2/NDF:23.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 356.442+/-87.909 χ^2/NDF: 99.9/47

- 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: 518.935+/-0.087 χ^2/NDF:1172613.9/24

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

Left In: 516.594+/-0.089 χ^2/NDF:1036092.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 517.782+/-0.062 χ^2/NDF: 2209061.2/47

- 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: -231.902+/-0.108 χ^2/NDF:110473.4/23

Right Out: -194.268+/-0.165 χ^2/NDF: 176560.4/17

Left In: -224.103+/-0.098 χ^2/NDF:153347.0/22

+ sign -158.222+/-0.000 χ^2/NDF: 691803.3/39

All: -158.222+/-0.000 χ^2/NDF: 1518677.4/80

- sign -216.299+/-0.084 χ^2/NDF: 354008.8/40

dit_usl_4eX_slope vs Slug

Right In: 174.085+/-0.000 χ^2/NDF: 53377.4/15

Left Out: 190.208+/-0.109 χ^2/NDF:99613.5/23

Right Out: 149.948+/-0.196 χ^2/NDF: 167846.4/17

Left In: 183.362+/-0.099 χ^2/NDF:155441.6/22

+ sign 174.085+/-0.000 χ^2/NDF: 175004.6/39

All: 174.085+/-0.000 χ^2/NDF: 522315.2/80

- sign 176.547+/-0.088 χ^2/NDF: 346533.0/40

dit_usl_11X12X_slope vs Slug

Right In: -46.126+/-0.000 χ^2/NDF: 201273.7/15

Left Out: -38.745+/-0.006 χ^2/NDF:400638.0/23

Right Out: -28.139+/-0.000 χ^2/NDF: 746939.9/17

Left In: -38.794+/-0.007 χ^2/NDF:321993.9/22

+ sign -46.126+/-0.000 χ^2/NDF: 2179096.9/39

All: -39.778+/-0.000 χ^2/NDF: 24879599323 1

- sign -28.139+/-0.000 χ^2/NDF: 3720702.8/40

dit_usl_4aY_slope vs Slug

Right In: -2.061+/-0.018 χ^2/NDF: 25665.1/15

Left Out: 0.828+/-0.006 χ^2/NDF:255303.5/23

Right Out: 13.204+/-0.000 χ^2/NDF: 509721.0/17

Left In: 0.606+/-0.005 χ^2/NDF:331282.7/22

+ sign 0.523+/-0.006 χ^2/NDF: 304460.0/39

All: 13.204+/-0.000 χ^2/NDF: 12157137.3/80

- sign 13.204+/-0.000 χ^2/NDF: 7061249.1/40

dit_usl_4eY_slope vs Slug

Right In: 22.711+/-0.019 χ^2/NDF: 22767.9/15

Left Out: 17.613+/-0.007 χ^2/NDF:178438.8/23

Right Out: 21.790+/-0.022 χ^2/NDF: 26670.9/17

Left In: 19.117+/-0.007 χ^2/NDF:229353.0/22

+ sign 18.256+/-0.007 χ^2/NDF: 265773.7/39

All: 18.811+/-0.005 χ^2/NDF: 549770.5/80

- sign 19.379+/-0.007 χ^2/NDF: 269938.6/40

dit_usr_4aX_slope vs Slug

Right In: -276.201+/-0.167 χ^2/NDF: 58107.7/16

Left Out: -313.052+/-0.096 χ^2/NDF:54405.8/24

Right Out: -281.150+/-0.148 χ^2/NDF: 77611.5/18

Left In: -317.471+/-0.095 χ^2/NDF:63067.6/22

+ sign -303.888+/-0.083 χ^2/NDF: 149286.9/41

All: -305.395+/-0.058 χ^2/NDF: 333380.6/83

- sign -306.793+/-0.080 χ^2/NDF: 183458.9/41

dit_usr_4eX_slope vs Slug

Right In: 374.094+/-0.000 χ^2/NDF: 35072.0/16

Left Out: 394.968+/-0.096 χ^2/NDF:68076.2/24

Right Out: 373.134+/-0.158 χ^2/NDF: 108219.4/18

Left In: 399.410+/-0.097 χ^2/NDF:77209.0/22

+ sign 374.094+/-0.000 χ^2/NDF: 150418.9/41

All: 374.094+/-0.000 χ^2/NDF: 404189.3/83

- sign 392.228+/-0.083 χ^2/NDF: 205538.9/41

dit_usr_11X12X_slope vs Slug

Right In: -42.744+/-0.000 χ^2/NDF: 13262.6/16

Left Out: -37.547+/-0.004 χ^2/NDF:267131.7/24

Right Out: -29.754+/-0.000 χ^2/NDF: 483930.3/18

Left In: -37.903+/-0.004 χ^2/NDF:156960.8/22

+ sign -42.744+/-0.000 χ^2/NDF: 2115942.3/41

All: -38.159+/-0.000 χ^2/NDF: 12976521268 0

- sign -29.754+/-0.000 χ^2/NDF: 4501243.0/41

dit_usr_4aY_slope vs Slug

Right In: -9.259+/-0.000 χ^2/NDF: 405850.5/16

Left Out: 2.149+/-0.005 χ^2/NDF:290739.3/24

Right Out: 18.504+/-0.000 χ^2/NDF: 7366781.0/18

Left In: 1.019+/-0.006 χ^2/NDF:250029.0/22

+ sign -9.259+/-0.000 χ^2/NDF: 6139448.0/41

All: 6.039+/-0.000 χ^2/NDF: 1645057450595

- sign 18.504+/-0.000 χ^2/NDF: 17017720.3/41

dit_usr_4eY_slope vs Slug

Right In: 16.947+/-0.000 χ^2/NDF: 11231.8/16

Left Out: 10.782+/-0.007 χ^2/NDF:129427.5/24

Right Out: -11.075+/-0.000 χ^2/NDF: 2712010.0/18

Left In: 11.267+/-0.008 χ^2/NDF:98438.0/22

+ sign 16.947+/-0.000 χ^2/NDF: 995588.1/41

All: -2.268+/-0.000 χ^2/NDF: 469252745463

- sign -11.075+/-0.000 χ^2/NDF: 10929497.8/41

dit_atl1_4aX_slope vs Slug

Right In: -205.160+/-0.000 χ^2/NDF: 582775.6/16

Left Out: -103.842+/-0.192 χ^2/NDF:94751.7/24

Right Out: -57.684+/-0.283 χ^2/NDF: 114854.9/18

Left In: -114.444+/-0.225 χ^2/NDF:76837.7/22

+ sign -205.160+/-0.000 χ^2/NDF: 956897.5/41

All: -205.160+/-0.000 χ^2/NDF: 1582363.5/83

- sign -92.521+/-0.176 χ^2/NDF: 216321.2/41

dit_atl1_4eX_slope vs Slug

Right In: 339.325+/-0.000 χ^2/NDF: 1030606.3/16

Left Out: 147.771+/-0.196 χ^2/NDF:134281.2/24

Right Out: 68.024+/-0.286 χ^2/NDF: 272330.9/18

Left In: 160.049+/-0.230 χ^2/NDF:83579.0/22

+ sign 339.325+/-0.000 χ^2/NDF: 2118512.7/41

All: 339.325+/-0.000 χ^2/NDF: 3983111.2/83

- sign 123.984+/-0.179 χ^2/NDF: 418833.8/41

dit_atl1_11X12X_slope vs Slug

Right In: -48.945+/-0.000 χ^2/NDF: 5408370.4/16

Left Out: -17.446+/-0.010 χ^2/NDF:714044.4/24

Right Out: -27.303+/-0.052 χ^2/NDF: 167879.9/18

Left In: -17.951+/-0.012 χ^2/NDF:252123.1/22

+ sign -48.945+/-0.000 χ^2/NDF: 16025853.7/41

All: -48.945+/-0.000 χ^2/NDF: 23007740.4/83

- sign -18.449+/-0.012 χ^2/NDF: 450987.6/41

dit_atl1_4aY_slope vs Slug

Right In: 6.728+/-0.000 χ^2/NDF: 13749.2/16

Left Out: 11.049+/-0.012 χ^2/NDF:31618.4/24

Right Out: 9.502+/-0.036 χ^2/NDF: 26822.1/18

Left In: 11.498+/-0.010 χ^2/NDF:15848.8/22

+ sign 6.728+/-0.000 χ^2/NDF: 169822.4/41

All: 6.728+/-0.000 χ^2/NDF: 427763.9/83

- sign 11.340+/-0.010 χ^2/NDF: 45563.9/41

dit_atl1_4eY_slope vs Slug

Right In: -19.693+/-0.000 χ^2/NDF: 7579.0/16

Left Out: -20.065+/-0.014 χ^2/NDF:71466.1/24

Right Out: 19.086+/-0.000 χ^2/NDF: 610746.9/18

Left In: -19.955+/-0.015 χ^2/NDF:22657.6/22

+ sign -19.693+/-0.000 χ^2/NDF: 79766.9/41

All: -6.006+/-0.000 χ^2/NDF: 462563773129

- sign 19.086+/-0.000 χ^2/NDF: 7298111.7/41

dit_atl2_4aX_slope vs Slug

Right In: -889.928+/-0.000 χ^2/NDF: 775896.0/16

Left Out: -1880.162+/-0.353 χ^2/NDF:873293.0/24

Right Out: -1134.421+/-0.000 χ^2/NDF: 733812.0/18

Left In: -1898.497+/-0.364 χ^2/NDF:698003.8/22

+ sign -889.928+/-0.000 χ^2/NDF: 9520910.5/41

All: -976.220+/-0.000 χ^2/NDF: 4488978738

- sign -1134.421+/-0.000 χ^2/NDF: 5844676.4/41

dit_atl2_4eX_slope vs Slug

Right In: 1171.188+/-0.245 χ^2/NDF: 508989.2/16

Left Out: 1952.706+/-0.354 χ^2/NDF:820225.3/24

Right Out: 1089.705+/-0.253 χ^2/NDF: 1100321.6/18

Left In: 1976.603+/-0.367 χ^2/NDF:625684.0/22

+ sign 1424.815+/-0.202 χ^2/NDF: 4621372.7/41

All: 1401.152+/-0.145 χ^2/NDF: 10326533.1/8

- sign 1375.834+/-0.209 χ^2/NDF: 5676660.0/41

dit_atl2_11X12X_slope vs Slug

Right In: -212.190+/-0.000 χ^2/NDF: 1149195.1/16

Left Out: -268.611+/-0.022 χ^2/NDF:7041710.3/24

Right Out: -188.033+/-0.000 χ^2/NDF: 602264.3/18

Left In: -279.563+/-0.022 χ^2/NDF:2298119.7/22

+ sign -212.190+/-0.000 χ^2/NDF: 14747222.2/41

All: -195.625+/-0.000 χ^2/NDF: 1362230362

- sign -188.033+/-0.000 χ^2/NDF: 20751107.5/41

dit_atl2_4aY_slope vs Slug

Right In: -56.037+/-0.000 χ^2/NDF: 1585420.7/16

Left Out: -3.341+/-0.018 χ^2/NDF:1399746.6/24

Right Out: -7.476+/-0.042 χ^2/NDF: 173893.8/18

Left In: -9.956+/-0.018 χ^2/NDF:1689839.0/22

+ sign -56.037+/-0.000 χ^2/NDF: 11972986.7/41

All: -56.037+/-0.000 χ^2/NDF: 21386645.5/83

- sign -9.557+/-0.017 χ^2/NDF: 1866632.2/41

dit_atl2_4eY_slope vs Slug

Right In: 138.565+/-0.000 χ^2/NDF: 901159.7/16

Left Out: 121.875+/-0.024 χ^2/NDF:1617383.6/24

Right Out: 6.866+/-0.000 χ^2/NDF: 8047391.7/18

Left In: 127.150+/-0.026 χ^2/NDF:1340248.6/22

+ sign 138.565+/-0.000 χ^2/NDF: 2990281.0/41

All: 7.101+/-0.000 χ^2/NDF: 2357682268192

- sign 6.866+/-0.000 χ^2/NDF: 30506448.1/41

dit_atr1_4aX_slope vs Slug

Right In: -73.485+/-0.000 χ^2/NDF: 98703.2/16

Left Out: -165.282+/-0.232 χ^2/NDF:84301.0/24

Right Out: -580.262+/-0.261 χ^2/NDF: 3031609.5/18

Left In: -159.346+/-0.239 χ^2/NDF:73885.5/22

+ sign -73.485+/-0.000 χ^2/NDF: 339919.4/41

All: -73.485+/-0.000 χ^2/NDF: 7346104.4/83

- sign -351.491+/-0.176 χ^2/NDF: 4519692.8/41

dit_atr1_4eX_slope vs Slug

Right In: 42.743+/-0.000 χ^2/NDF: 84599.8/16

Left Out: 120.053+/-0.237 χ^2/NDF:97926.9/24

Right Out: 1036.068+/-0.000 χ^2/NDF: 4933722.5/18

Left In: 113.733+/-0.246 χ^2/NDF:81886.4/22

+ sign 42.743+/-0.000 χ^2/NDF: 288957.8/41

All: 43.272+/-0.000 χ^2/NDF: 114451749726

- sign 1036.068+/-0.000 χ^2/NDF: 19036955.8/41

dit_atr1_11X12X_slope vs Slug

Right In: -28.822+/-0.035 χ^2/NDF: 49503.4/16

Left Out: -19.926+/-0.012 χ^2/NDF:374900.2/24

Right Out: -22.707+/-0.038 χ^2/NDF: 410174.9/18

Left In: -19.047+/-0.014 χ^2/NDF:214747.8/22

+ sign -20.911+/-0.012 χ^2/NDF: 482719.6/41

All: -20.285+/-0.009 χ^2/NDF: 1122497.2/83

- sign -19.480+/-0.013 χ^2/NDF: 633064.5/41

dit_atr1_4aY_slope vs Slug

Right In: 13.238+/-0.000 χ^2/NDF: 5756.1/16

Left Out: 14.245+/-0.012 χ^2/NDF:12367.6/24

Right Out: -66.739+/-0.000 χ^2/NDF: 3023648.4/18

Left In: 14.441+/-0.012 χ^2/NDF:12955.9/22

+ sign 13.238+/-0.000 χ^2/NDF: 25193.4/41

All: 12.562+/-0.000 χ^2/NDF: 1884310027651

- sign -66.739+/-0.000 χ^2/NDF: 51615628.4/41

dit_atr1_4eY_slope vs Slug

Right In: -32.504+/-0.000 χ^2/NDF: 74187.4/16

Left Out: -24.652+/-0.015 χ^2/NDF:23058.0/24

Right Out: -23.151+/-0.048 χ^2/NDF: 90749.4/18

Left In: -24.948+/-0.015 χ^2/NDF:14049.6/22

+ sign -32.504+/-0.000 χ^2/NDF: 372575.4/41

All: -32.504+/-0.000 χ^2/NDF: 763858.2/83

- sign -24.782+/-0.014 χ^2/NDF: 106091.6/41

dit_atr2_4aX_slope vs Slug

Right In: -1342.107+/-0.000 χ^2/NDF: 370901.4/16

Left Out: -1894.646+/-0.318 χ^2/NDF:67387.8/24

Right Out: -1496.932+/-0.000 χ^2/NDF: 504712.5/18

Left In: -1902.803+/-0.289 χ^2/NDF:69208.9/22

+ sign -1342.107+/-0.000 χ^2/NDF: 3461585.6/41

All: -1396.751+/-0.000 χ^2/NDF: 1800086126

- sign -1496.932+/-0.000 χ^2/NDF: 2549406.2/41

dit_atr2_4eX_slope vs Slug

Right In: 1873.852+/-0.000 χ^2/NDF: 201563.9/16

Left Out: 2126.160+/-0.317 χ^2/NDF:48244.0/24

Right Out: 1706.739+/-0.302 χ^2/NDF: 837936.9/18

Left In: 2135.770+/-0.290 χ^2/NDF:58031.3/22

+ sign 1873.852+/-0.000 χ^2/NDF: 882175.6/41

All: 1873.852+/-0.000 χ^2/NDF: 2901996.3/83

- sign 1930.584+/-0.209 χ^2/NDF: 1946222.8/41

dit_atr2_11X12X_slope vs Slug

Right In: -292.986+/-0.000 χ^2/NDF: 1015592.4/16

Left Out: -257.631+/-0.020 χ^2/NDF:226942.0/24

Right Out: -254.119+/-0.059 χ^2/NDF: 502658.5/18

Left In: -258.240+/-0.017 χ^2/NDF:268186.3/22

+ sign -292.986+/-0.000 χ^2/NDF: 4412520.1/41

All: -292.986+/-0.000 χ^2/NDF: 9563988.4/83

- sign -257.907+/-0.017 χ^2/NDF: 775331.1/41

dit_atr2_4aY_slope vs Slug

Right In: -78.728+/-0.000 χ^2/NDF: 1399088.3/16

Left Out: -4.036+/-0.017 χ^2/NDF:1369619.3/24

Right Out: -5.769+/-0.000 χ^2/NDF: 111570.1/18

Left In: -13.213+/-0.017 χ^2/NDF:1356033.4/22

+ sign -78.728+/-0.000 χ^2/NDF: 21909401.2/41

All: -6.288+/-0.000 χ^2/NDF: 2878797679293

- sign -5.769+/-0.000 χ^2/NDF: 1661158.5/41

dit_atr2_4eY_slope vs Slug

Right In: 189.551+/-0.000 χ^2/NDF: 927391.8/16

Left Out: 114.395+/-0.023 χ^2/NDF:434871.2/24

Right Out: 138.002+/-0.059 χ^2/NDF: 117357.8/18

Left In: 116.538+/-0.024 χ^2/NDF:458128.6/22

+ sign 189.551+/-0.000 χ^2/NDF: 12448519.0/41

All: 189.551+/-0.000 χ^2/NDF: 23347518.9/83

- sign 119.495+/-0.022 χ^2/NDF: 689349.2/41

dit_sam1_4aX_slope vs Slug

Right In: -1.007+/-0.000 χ^2/NDF: 7057.7/16

Left Out: 2.143+/-0.015 χ^2/NDF:6585.0/24

Right Out: -11.872+/-0.000 χ^2/NDF: 503632.2/18

Left In: 2.313+/-0.014 χ^2/NDF:7446.3/22

+ sign -1.007+/-0.000 χ^2/NDF: 59864.1/41

All: -1.365+/-0.000 χ^2/NDF: 2170760676638

- sign -11.872+/-0.000 χ^2/NDF: 1528487.3/41

dit_sam1_4eX_slope vs Slug

Right In: -7.899+/-0.000 χ^2/NDF: 39443.5/16

Left Out: -16.595+/-0.014 χ^2/NDF:8432.7/24

Right Out: -2.410+/-0.000 χ^2/NDF: 203043.8/18

Left In: -16.625+/-0.015 χ^2/NDF:6289.5/22

+ sign -7.899+/-0.000 χ^2/NDF: 413721.7/41

All: -4.135+/-0.000 χ^2/NDF: 2879850560728

- sign -2.410+/-0.000 χ^2/NDF: 1145436.2/41

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:4975.7/24

Right Out: -0.107+/-0.000 χ^2/NDF: 219932.8/18

Left In: 0.310+/-0.000 χ^2/NDF:3074.6/22

+ sign 0.311+/-0.000 χ^2/NDF: 7732.6/41

All: -0.107+/-0.000 χ^2/NDF: 7156802.6/83

- sign -0.107+/-0.000 χ^2/NDF: 3525458.5/41

dit_sam1_4aY_slope vs Slug

Right In: -38.539+/-0.000 χ^2/NDF: 14950854.6/16

Left Out: -50.438+/-0.001 χ^2/NDF:299897.3/24

Right Out: -52.737+/-0.002 χ^2/NDF: 87430.2/18

Left In: -50.276+/-0.001 χ^2/NDF:190236.3/22

+ sign -38.539+/-0.000 χ^2/NDF: 90830081.0/41

All: -38.539+/-0.000 χ^2/NDF: 236139121.8/8

- sign -51.032+/-0.001 χ^2/NDF: 1465637.2/41

dit_sam1_4eY_slope vs Slug

Right In: -60.594+/-0.000 χ^2/NDF: 26122838.1/16

Left Out: 6.641+/-0.004 χ^2/NDF:340462.4/24

Right Out: 6.748+/-0.011 χ^2/NDF: 1266598.3/18

Left In: 7.179+/-0.003 χ^2/NDF:214127.6/22

+ sign -60.594+/-0.000 χ^2/NDF: 360528428.6/41

All: -60.594+/-0.000 χ^2/NDF: 783254935.3/8

- sign 7.140+/-0.003 χ^2/NDF: 1482118.1/41

dit_sam2_4aX_slope vs Slug

Right In: 58.880+/-0.000 χ^2/NDF: 3814.7/16

Left Out: 46.995+/-0.215 χ^2/NDF:9203.7/24

Right Out: 95.846+/-0.000 χ^2/NDF: 39385.0/18

Left In: 50.144+/-0.212 χ^2/NDF:6667.7/22

+ sign 58.880+/-0.000 χ^2/NDF: 16075.0/41

All: 60.098+/-0.000 χ^2/NDF: 981523394566

- sign 95.846+/-0.000 χ^2/NDF: 92740.5/41

dit_sam2_4eX_slope vs Slug

Right In: -350.833+/-0.245 χ^2/NDF: 41301.1/16

Left Out: -223.342+/-0.215 χ^2/NDF:22293.9/24

Right Out: -498.692+/-0.000 χ^2/NDF: 511870.8/18

Left In: -232.094+/-0.217 χ^2/NDF:17468.1/22

+ sign -279.052+/-0.162 χ^2/NDF: 216636.0/41

All: -498.692+/-0.000 χ^2/NDF: 4095865.8/83

- sign -498.692+/-0.000 χ^2/NDF: 2032998.5/41

dit_sam2_11X12X_slope vs Slug

Right In: 1.930+/-0.000 χ^2/NDF: 59970.9/16

Left Out: 0.539+/-0.002 χ^2/NDF:10792.6/24

Right Out: 3.123+/-0.000 χ^2/NDF: 512565.5/18

Left In: 0.577+/-0.001 χ^2/NDF:15533.6/22

+ sign 1.930+/-0.000 χ^2/NDF: 762047.5/41

All: 2.073+/-0.000 χ^2/NDF: 3809953457808

- sign 3.123+/-0.000 χ^2/NDF: 3606365.7/41

dit_sam2_4aY_slope vs Slug

Right In: 54.556+/-0.000 χ^2/NDF: 7238433.0/16

Left Out: 11.095+/-0.005 χ^2/NDF:381518.3/24

Right Out: 17.458+/-0.018 χ^2/NDF: 99308.5/18

Left In: 11.477+/-0.005 χ^2/NDF:381285.2/22

+ sign 54.556+/-0.000 χ^2/NDF: 73445231.7/41

All: 54.556+/-0.000 χ^2/NDF: 145987479.0/83

- sign 11.929+/-0.005 χ^2/NDF: 579509.3/41

dit_sam2_4eY_slope vs Slug

Right In: -382.108+/-0.000 χ^2/NDF: 18398024.3/16

Left Out: -190.703+/-0.011 χ^2/NDF:1602184.8/24

Right Out: -483.800+/-0.000 χ^2/NDF: 24338683.6/18

Left In: -192.488+/-0.011 χ^2/NDF:1500910.9/22

+ sign -382.108+/-0.000 χ^2/NDF: 314336854.7/41

All: -417.999+/-0.000 χ^2/NDF: 12425488813

- sign -483.800+/-0.000 χ^2/NDF: 679884638.2/41

dit_sam3_4aX_slope vs Slug

Right In: -26.504+/-0.000 χ^2/NDF: 1180.7/16

Left Out: -29.022+/-0.235 χ^2/NDF:7110.5/24

Right Out: -26.577+/-0.000 χ^2/NDF: 2640.9/18

Left In: -28.215+/-0.215 χ^2/NDF:7786.5/22

+ sign -26.504+/-0.000 χ^2/NDF: 8406.2/41

All: -26.530+/-0.000 χ^2/NDF: 412159279654

- sign -26.577+/-0.000 χ^2/NDF: 10485.7/41

dit_sam3_4eX_slope vs Slug

Right In: -79.376+/-0.000 χ^2/NDF: 1304.6/16

Left Out: -57.300+/-0.229 χ^2/NDF:13067.7/24

Right Out: -83.099+/-0.178 χ^2/NDF: 11915.8/18

Left In: -61.164+/-0.218 χ^2/NDF:8941.7/22

+ sign -79.376+/-0.000 χ^2/NDF: 23650.0/41

All: -79.376+/-0.000 χ^2/NDF: 51949.9/83

- sign -74.294+/-0.138 χ^2/NDF: 26941.0/41

dit_sam3_11X12X_slope vs Slug

Right In: 0.521+/-0.000 χ^2/NDF: 3370.8/16

Left Out: 0.326+/-0.002 χ^2/NDF:10419.3/24

Right Out: 0.403+/-0.011 χ^2/NDF: 2727.5/18

Left In: 0.396+/-0.001 χ^2/NDF:11392.0/22

+ sign 0.521+/-0.000 χ^2/NDF: 28543.2/41

All: 0.521+/-0.000 χ^2/NDF: 50296.3/83

- sign 0.396+/-0.001 χ^2/NDF: 14119.9/41

dit_sam3_4aY_slope vs Slug

Right In: -2.320+/-0.000 χ^2/NDF: 270771.9/16

Left Out: -6.802+/-0.002 χ^2/NDF:14918.8/24

Right Out: -4.864+/-0.010 χ^2/NDF: 49380.5/18

Left In: -6.836+/-0.002 χ^2/NDF:9245.1/22

+ sign -2.320+/-0.000 χ^2/NDF: 3533597.7/41

All: -2.320+/-0.000 χ^2/NDF: 7165312.7/83

- sign -6.734+/-0.002 χ^2/NDF: 93343.3/41

dit_sam3_4eY_slope vs Slug

Right In: 11.268+/-0.000 χ^2/NDF: 958029.3/16

Left Out: 29.411+/-0.008 χ^2/NDF:44374.5/24

Right Out: 37.191+/-0.000 χ^2/NDF: 1121929.1/18

Left In: 29.354+/-0.008 χ^2/NDF:14741.7/22

+ sign 11.268+/-0.000 χ^2/NDF: 5917654.2/41

All: 12.122+/-0.000 χ^2/NDF: 772305569497

- sign 37.191+/-0.000 χ^2/NDF: 2125166.5/41

dit_sam4_4aX_slope vs Slug

Right In: -4.139+/-0.000 χ^2/NDF: 4654.2/16

Left Out: 51.931+/-0.276 χ^2/NDF:6225.4/24

Right Out: 54.427+/-0.170 χ^2/NDF: 53998.7/18

Left In: 54.849+/-0.247 χ^2/NDF:6325.8/22

+ sign -4.139+/-0.000 χ^2/NDF: 52285.7/41

All: -4.139+/-0.000 χ^2/NDF: 287941.2/83

- sign 54.562+/-0.140 χ^2/NDF: 60326.5/41

dit_sam4_4eX_slope vs Slug

Right In: -124.095+/-0.000 χ^2/NDF: 38152.5/16

Left Out: -222.063+/-0.272 χ^2/NDF:15812.2/24

Right Out: -273.143+/-0.113 χ^2/NDF: 280141.9/18

Left In: -231.069+/-0.249 χ^2/NDF:12005.6/22

+ sign -124.095+/-0.000 χ^2/NDF: 183519.0/41

All: -124.095+/-0.000 χ^2/NDF: 2408021.8/83

- sign -266.010+/-0.103 χ^2/NDF: 315769.5/41

dit_sam4_11X12X_slope vs Slug

Right In: 0.888+/-0.000 χ^2/NDF: 8672.0/16

Left Out: 0.525+/-0.002 χ^2/NDF:9207.9/24

Right Out: -0.226+/-0.000 χ^2/NDF: 5031.1/18

Left In: 0.572+/-0.002 χ^2/NDF:5600.2/22

+ sign 0.888+/-0.000 χ^2/NDF: 50219.3/41

All: 0.888+/-0.000 χ^2/NDF: 422293106.7/83

- sign -0.225+/-0.000 χ^2/NDF: 172526.2/41

dit_sam4_4aY_slope vs Slug

Right In: 4.057+/-0.000 χ^2/NDF: 1247888.2/16

Left Out: -16.260+/-0.010 χ^2/NDF:188515.0/24

Right Out: -22.885+/-0.026 χ^2/NDF: 116508.9/18

Left In: -17.374+/-0.009 χ^2/NDF:169487.5/22

+ sign 4.057+/-0.000 χ^2/NDF: 5552298.3/41

All: 4.057+/-0.000 χ^2/NDF: 12116336.7/83

- sign -17.994+/-0.009 χ^2/NDF: 324908.8/41

dit_sam4_4eY_slope vs Slug

Right In: 158.293+/-0.000 χ^2/NDF: 2410913.3/16

Left Out: 245.391+/-0.027 χ^2/NDF:723564.6/24

Right Out: 175.536+/-0.000 χ^2/NDF: 2100196.2/18

Left In: 252.148+/-0.028 χ^2/NDF:359416.7/22

+ sign 158.293+/-0.000 χ^2/NDF: 13265078.0/41

All: 172.618+/-0.000 χ^2/NDF: 37372749122

- sign 175.536+/-0.000 χ^2/NDF: 9764842.4/41

dit_sam5_4aX_slope vs Slug

Right In: 3.778+/-0.000 χ^2/NDF: 6871.4/16

Left Out: 11.389+/-0.030 χ^2/NDF:4296.1/24

Right Out: 5.756+/-0.026 χ^2/NDF: 22291.6/18

Left In: 10.753+/-0.028 χ^2/NDF:9950.6/22

+ sign 3.778+/-0.000 χ^2/NDF: 75163.6/41

All: 3.778+/-0.000 χ^2/NDF: 176633.3/83

- sign 8.072+/-0.019 χ^2/NDF: 49687.8/41

dit_sam5_4eX_slope vs Slug

Right In: -0.287+/-0.000 χ^2/NDF: 44276.5/16

Left Out: -5.539+/-0.030 χ^2/NDF:43439.8/24

Right Out: -5.882+/-0.027 χ^2/NDF: 63493.9/18

Left In: -6.234+/-0.028 χ^2/NDF:57358.9/22

+ sign -0.287+/-0.000 χ^2/NDF: 118158.7/41

All: -0.287+/-0.000 χ^2/NDF: 325660.7/83

- sign -6.052+/-0.020 χ^2/NDF: 120933.6/41

dit_sam5_11X12X_slope vs Slug

Right In: 0.193+/-0.000 χ^2/NDF: 10027.5/16

Left Out: 0.320+/-0.001 χ^2/NDF:3374.4/24

Right Out: 0.280+/-0.001 χ^2/NDF: 6059.0/18

Left In: 0.340+/-0.001 χ^2/NDF:4171.9/22

+ sign 0.193+/-0.000 χ^2/NDF: 76618.6/41

All: 0.193+/-0.000 χ^2/NDF: 166938.9/83

- sign 0.333+/-0.000 χ^2/NDF: 11671.6/41

dit_sam5_4aY_slope vs Slug

Right In: 35.664+/-0.011 χ^2/NDF: 218662.5/16

Left Out: 31.869+/-0.003 χ^2/NDF:61955.3/24

Right Out: 89.735+/-0.000 χ^2/NDF: 25801560.6/18

Left In: 32.053+/-0.003 χ^2/NDF:32470.5/22

+ sign 32.134+/-0.003 χ^2/NDF: 384313.4/41

All: 89.735+/-0.000 χ^2/NDF: 678925483.7/83

- sign 89.735+/-0.000 χ^2/NDF: 311114712.8/41

dit_sam5_4eY_slope vs Slug

Right In: 81.005+/-0.035 χ^2/NDF: 2228881.4/16

Left Out: 117.323+/-0.008 χ^2/NDF:172684.3/24

Right Out: 27.798+/-0.000 χ^2/NDF: 9183707.8/18

Left In: 117.061+/-0.009 χ^2/NDF:62905.3/22

+ sign 115.541+/-0.008 χ^2/NDF: 3453409.8/41

All: 27.798+/-0.000 χ^2/NDF: 246919402.0/83

- sign 27.798+/-0.000 χ^2/NDF: 111891508.1/41

dit_sam6_4aX_slope vs Slug

Right In: 48.450+/-0.000 χ^2/NDF: 2751.4/16

Left Out: 68.044+/-0.132 χ^2/NDF:6670.6/24

Right Out: 27.342+/-0.000 χ^2/NDF: 25810.4/18

Left In: 67.852+/-0.126 χ^2/NDF:5519.9/22

+ sign 48.450+/-0.000 χ^2/NDF: 31373.2/41

All: 28.365+/-0.000 χ^2/NDF: 102629010488

- sign 27.342+/-0.000 χ^2/NDF: 135325.8/41

dit_sam6_4eX_slope vs Slug

Right In: -18.800+/-0.148 χ^2/NDF: 11764.7/16

Left Out: 4.920+/-0.132 χ^2/NDF:10378.5/24

Right Out: -5.568+/-0.000 χ^2/NDF: 23097.3/18

Left In: 4.129+/-0.127 χ^2/NDF:6161.4/22

+ sign -5.573+/-0.099 χ^2/NDF: 36382.6/41

All: -5.568+/-0.000 χ^2/NDF: 71478.5/83

- sign -5.568+/-0.000 χ^2/NDF: 35095.9/41

dit_sam6_11X12X_slope vs Slug

Right In: 0.830+/-0.000 χ^2/NDF: 14882.7/16

Left Out: 0.513+/-0.001 χ^2/NDF:15206.1/24

Right Out: 0.227+/-0.000 χ^2/NDF: 11819.9/18

Left In: 0.536+/-0.001 χ^2/NDF:11764.8/22

+ sign 0.830+/-0.000 χ^2/NDF: 138294.6/41

All: 0.289+/-0.000 χ^2/NDF: 2906608256145

- sign 0.227+/-0.000 χ^2/NDF: 150950.4/41

dit_sam6_4aY_slope vs Slug

Right In: 22.543+/-0.009 χ^2/NDF: 105452.8/16

Left Out: 15.194+/-0.004 χ^2/NDF:417095.1/24

Right Out: 23.023+/-0.009 χ^2/NDF: 165838.0/18

Left In: 15.044+/-0.005 χ^2/NDF:285851.6/22

+ sign 16.470+/-0.004 χ^2/NDF: 1037442.2/41

All: 16.576+/-0.003 χ^2/NDF: 2107738.9/83

- sign 16.694+/-0.004 χ^2/NDF: 1068723.5/41

dit_sam6_4eY_slope vs Slug

Right In: -2.596+/-0.000 χ^2/NDF: 7395182.7/16

Left Out: 108.162+/-0.009 χ^2/NDF:1076822.4/24

Right Out: 1.758+/-0.000 χ^2/NDF: 4230949.4/18

Left In: 107.543+/-0.009 χ^2/NDF:988940.0/22

+ sign -2.596+/-0.000 χ^2/NDF: 150183165.0/41

All: -1.059+/-0.000 χ^2/NDF: 3731791751577

- sign 1.758+/-0.000 χ^2/NDF: 133970502.4/41

dit_sam7_4aX_slope vs Slug

Right In: 83.573+/-0.000 χ^2/NDF: 49468.0/16

Left Out: 86.505+/-0.060 χ^2/NDF:8553.0/24

Right Out: 93.762+/-0.000 χ^2/NDF: 82848.8/18

Left In: 86.310+/-0.051 χ^2/NDF:8666.5/22

+ sign 83.573+/-0.000 χ^2/NDF: 60415.2/41

All: 87.169+/-0.000 χ^2/NDF: 199568440414

- sign 93.762+/-0.000 χ^2/NDF: 112513.2/41

dit_sam7_4eX_slope vs Slug

Right In: -123.524+/-0.000 χ^2/NDF: 160356.5/16

Left Out: -129.492+/-0.059 χ^2/NDF:10775.3/24

Right Out: -133.456+/-0.000 χ^2/NDF: 394896.3/18

Left In: -129.256+/-0.052 χ^2/NDF:6558.2/22

+ sign -123.524+/-0.000 χ^2/NDF: 181291.5/41

All: -124.716+/-0.000 χ^2/NDF: 6446786990

- sign -133.456+/-0.000 χ^2/NDF: 408091.9/41

dit_sam7_11X12X_slope vs Slug

Right In: 0.376+/-0.000 χ^2/NDF: 3961.7/16

Left Out: 0.401+/-0.000 χ^2/NDF:9030.9/24

Right Out: 0.354+/-0.002 χ^2/NDF: 4592.7/18

Left In: 0.410+/-0.000 χ^2/NDF:8478.2/22

+ sign 0.376+/-0.000 χ^2/NDF: 15502.1/41

All: 0.376+/-0.000 χ^2/NDF: 34673.6/83

- sign 0.406+/-0.000 χ^2/NDF: 14354.4/41

dit_sam7_4aY_slope vs Slug

Right In: 7.032+/-0.000 χ^2/NDF: 19770.1/16

Left Out: 7.199+/-0.001 χ^2/NDF:37453.7/24

Right Out: 7.233+/-0.002 χ^2/NDF: 10061.8/18

Left In: 7.233+/-0.001 χ^2/NDF:23085.0/22

+ sign 7.032+/-0.000 χ^2/NDF: 91574.8/41

All: 7.032+/-0.000 χ^2/NDF: 190641.7/83

- sign 7.233+/-0.001 χ^2/NDF: 33146.8/41

dit_sam7_4eY_slope vs Slug

Right In: -10.092+/-0.000 χ^2/NDF: 543504.2/16

Left Out: -11.899+/-0.002 χ^2/NDF:498866.6/24

Right Out: -12.509+/-0.004 χ^2/NDF: 103509.4/18

Left In: -12.169+/-0.002 χ^2/NDF:49568.3/22

+ sign -10.092+/-0.000 χ^2/NDF: 2185467.8/41

All: -10.092+/-0.000 χ^2/NDF: 4236627.8/83

- sign -12.227+/-0.002 χ^2/NDF: 159881.2/41

dit_sam8_4aX_slope vs Slug

Right In: 57.510+/-0.000 χ^2/NDF: 8108.6/16

Left Out: 61.615+/-0.039 χ^2/NDF:7756.9/24

Right Out: 66.645+/-0.013 χ^2/NDF: 8163.8/18

Left In: 61.383+/-0.033 χ^2/NDF:8900.0/22

+ sign 57.510+/-0.000 χ^2/NDF: 27006.4/41

All: 57.510+/-0.000 χ^2/NDF: 546388.8/83

- sign 65.914+/-0.012 χ^2/NDF: 39554.5/41

dit_sam8_4eX_slope vs Slug

Right In: -74.974+/-0.000 χ^2/NDF: 130544.0/16

Left Out: -95.342+/-0.039 χ^2/NDF:9387.4/24

Right Out: -102.430+/-0.018 χ^2/NDF: 50377.5/18

Left In: -95.301+/-0.033 χ^2/NDF:11271.5/22

+ sign -74.974+/-0.000 χ^2/NDF: 416892.7/41

All: -74.974+/-0.000 χ^2/NDF: 3229096.5/83

- sign -100.836+/-0.016 χ^2/NDF: 97454.4/41

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:6797.7/24

Right Out: 0.030+/-0.000 χ^2/NDF: 121659.5/18

Left In: 0.372+/-0.000 χ^2/NDF:6020.6/22

+ sign 0.541+/-0.000 χ^2/NDF: 247291.7/41

All: 0.030+/-0.000 χ^2/NDF: 2331429770096

- sign 0.030+/-0.000 χ^2/NDF: 1362208.5/41

dit_sam8_4aY_slope vs Slug

Right In: -51.888+/-0.002 χ^2/NDF: 77585.2/16

Left Out: -48.497+/-0.001 χ^2/NDF:699790.4/24

Right Out: -52.684+/-0.003 χ^2/NDF: 56125.8/18

Left In: -48.669+/-0.001 χ^2/NDF:809321.2/22

+ sign -49.128+/-0.001 χ^2/NDF: 2662579.0/41

All: -49.136+/-0.001 χ^2/NDF: 5698539.1/83

- sign -49.142+/-0.001 χ^2/NDF: 3035838.4/41

dit_sam8_4eY_slope vs Slug

Right In: 47.545+/-0.000 χ^2/NDF: 3491700.1/16

Left Out: 54.787+/-0.003 χ^2/NDF:301226.3/24

Right Out: 63.095+/-0.007 χ^2/NDF: 333637.2/18

Left In: 54.755+/-0.003 χ^2/NDF:100763.3/22

+ sign 47.545+/-0.000 χ^2/NDF: 9840550.9/41

All: 47.545+/-0.000 χ^2/NDF: 22259438.8/83

- sign 55.660+/-0.002 χ^2/NDF: 1544777.8/41

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: 7258.636+/-0.092 χ^2/NDF:4237941.4/24

Right Out: 5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: 7137.987+/-0.098 χ^2/NDF:4549121.8/22

+ sign 6955.870+/-0.082 χ^2/NDF: 59347357.6/39

All: 6833.085+/-0.057 χ^2/NDF: 124412873.1

- sign 6715.075+/-0.080 χ^2/NDF: 60662698.5/38

dit_run_rms vs Slug

Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 7258.636+/-0.092 χ^2/NDF:4237941.4/24

Right Out: 5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: 7137.987+/-0.098 χ^2/NDF:4549121.8/22

+ sign 6955.870+/-0.082 χ^2/NDF: 59347357.6/39

All: 6833.085+/-0.057 χ^2/NDF: 124412873.1

- sign 6715.075+/-0.080 χ^2/NDF: 60662698.5/38

dit_slug_slope vs Slug

Right In: 114.980+/-0.000 χ^2/NDF: 112344936246012934714934440230912.0/16

Left Out: 161.437+/-0.000 χ^2/NDF:1443514150867720869199862059499 52.0/24

Right Out: 120.186+/-0.000 χ^2/NDF: 52233253644261695528198041763840.0/18

Left In: 163.890+/-0.000 χ^2/NDF:206308926090069183709360387260416.0/22

+ sign 133.483+/-0.000 χ^2/NDF: 152516030568371

All: 139.110+/-0.000 χ^2/NDF: 30387430742 4

- sign 145.011+/-0.000 χ^2/NDF: 135450294643886

dit_cyclenum_mean vs Slug

Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 8412.753+/-0.396 χ^2/NDF:2106465.3/24

Right Out: 5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: 8217.639+/-0.381 χ^2/NDF:2974101.4/22

+ sign 7886.489+/-0.365 χ^2/NDF: 14157267.1/39

All: 7641.112+/-0.245 χ^2/NDF: 35014772.5/7

- sign 7439.138+/-0.331 χ^2/NDF: 20031979.1/38

dit_cyclenum_rms vs Slug

Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 8412.753+/-0.396 χ^2/NDF:2106465.3/24

Right Out: 5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: 8217.639+/-0.381 χ^2/NDF:2974101.4/22

+ sign 7886.489+/-0.365 χ^2/NDF: 14157267.1/39

All: 7641.112+/-0.245 χ^2/NDF: 35014772.5/7

- sign 7439.138+/-0.331 χ^2/NDF: 20031979.1/38

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:1596.8/24

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: 1.000+/-0.000 χ^2/NDF:385.6/22

+ sign 1.000+/-0.000 χ^2/NDF: 567.7/39

All: 1.000+/-0.000 χ^2/NDF: 1354.4/78

- sign 1.000+/-0.000 χ^2/NDF: 610.7/38

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:1596.8/24

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: 1.000+/-0.000 χ^2/NDF:385.6/22

+ sign 1.000+/-0.000 χ^2/NDF: 567.7/39

All: 1.000+/-0.000 χ^2/NDF: 1354.4/78

- sign 1.000+/-0.000 χ^2/NDF: 610.7/38

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:18616.2/20

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

Left In: 1.000+/-0.000 χ^2/NDF:12089.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1.000+/-0.000 χ^2/NDF: 19113.7/41

- 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: -8.149+/-0.068 χ^2/NDF:3613.1/24

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

Left In: -7.701+/-0.068 χ^2/NDF:3737.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -7.928+/-0.048 χ^2/NDF: 7372.0/47

- 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: -52.271+/-0.055 χ^2/NDF:2609.6/24

Right Out: -57.736+/-0.143 χ^2/NDF: 4698.4/18

Left In: -52.050+/-0.057 χ^2/NDF:3197.5/22

+ sign -52.971+/-0.051 χ^2/NDF: 7280.1/41

All: -52.902+/-0.037 χ^2/NDF: 16543.8/83

- sign -52.829+/-0.053 χ^2/NDF: 9260.1/41

reg_asym_sam1_diff_bpm4eX_slope vs Slug

Right In: 3.168+/-0.258 χ^2/NDF: 186.2/16

Left Out: -5.725+/-0.068 χ^2/NDF:3989.1/24

Right Out: 3.726+/-0.267 χ^2/NDF: 323.3/18

Left In: -6.379+/-0.068 χ^2/NDF:3395.7/22

+ sign -5.151+/-0.065 χ^2/NDF: 5288.9/41

All: -5.452+/-0.047 χ^2/NDF: 10394.2/83

- sign -5.759+/-0.066 χ^2/NDF: 5062.6/41

reg_asym_sam1_diff_bpm4eY_slope vs Slug

Right In: 10.306+/-0.157 χ^2/NDF: 3712.3/16

Left Out: 10.950+/-0.062 χ^2/NDF:2620.4/24

Right Out: 10.433+/-0.160 χ^2/NDF: 3828.5/18

Left In: 10.818+/-0.063 χ^2/NDF:3577.7/22

+ sign 10.864+/-0.057 χ^2/NDF: 6347.3/41

All: 10.816+/-0.041 χ^2/NDF: 13759.9/83

- sign 10.766+/-0.059 χ^2/NDF: 7411.2/41

reg_asym_sam1_diff_bpm12X_slope vs Slug

Right In: 0.303+/-0.008 χ^2/NDF: 646.6/16

Left Out: 0.473+/-0.003 χ^2/NDF:515.0/24

Right Out: 0.241+/-0.008 χ^2/NDF: 986.7/18

Left In: 0.463+/-0.003 χ^2/NDF:749.9/22

+ sign 0.455+/-0.003 χ^2/NDF: 1548.3/41

All: 0.449+/-0.002 χ^2/NDF: 3916.0/83

- sign 0.442+/-0.003 χ^2/NDF: 2354.9/41

reg_asym_sam2_diff_bpm1X_slope vs Slug

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

Left Out: -44.074+/-0.389 χ^2/NDF:632.8/24

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

Left In: -42.185+/-0.398 χ^2/NDF:651.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -43.149+/-0.278 χ^2/NDF: 1295.4/47

- 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: -26.867+/-0.317 χ^2/NDF:629.1/24

Right Out: -42.756+/-1.211 χ^2/NDF: 1341.6/18

Left In: -26.825+/-0.325 χ^2/NDF:1481.6/22

+ sign -27.692+/-0.305 χ^2/NDF: 1855.8/41

All: -27.793+/-0.219 χ^2/NDF: 4840.6/83

- sign -27.899+/-0.314 χ^2/NDF: 2984.7/41

reg_asym_sam2_diff_bpm4eX_slope vs Slug

Right In: -114.996+/-2.072 χ^2/NDF: 141.8/16

Left Out: -131.805+/-0.392 χ^2/NDF:2417.0/24

Right Out: -112.510+/-2.207 χ^2/NDF: 273.1/18

Left In: -132.799+/-0.398 χ^2/NDF:2515.9/22

+ sign -131.224+/-0.385 χ^2/NDF: 2622.3/41

All: -131.684+/-0.275 χ^2/NDF: 5496.1/83

- sign -132.160+/-0.392 χ^2/NDF: 2870.9/41

reg_asym_sam2_diff_bpm4eY_slope vs Slug

Right In: -175.696+/-1.268 χ^2/NDF: 692.9/16

Left Out: -142.517+/-0.355 χ^2/NDF:1144.2/24

Right Out: -173.666+/-1.356 χ^2/NDF: 737.7/18

Left In: -141.769+/-0.363 χ^2/NDF:1604.4/22

+ sign -144.927+/-0.342 χ^2/NDF: 2472.5/41

All: -144.426+/-0.245 χ^2/NDF: 5335.5/83

- sign -143.899+/-0.350 χ^2/NDF: 2858.6/41

reg_asym_sam2_diff_bpm12X_slope vs Slug

Right In: 0.067+/-0.067 χ^2/NDF: 526.1/16

Left Out: 1.568+/-0.016 χ^2/NDF:541.0/24

Right Out: -0.440+/-0.071 χ^2/NDF: 754.9/18

Left In: 1.522+/-0.016 χ^2/NDF:739.1/22

+ sign 1.485+/-0.016 χ^2/NDF: 1541.7/41

All: 1.454+/-0.011 χ^2/NDF: 3766.3/83

- sign 1.422+/-0.016 χ^2/NDF: 2216.9/41

reg_asym_sam3_diff_bpm1X_slope vs Slug

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

Left Out: -39.942+/-0.153 χ^2/NDF:9806.2/24

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

Left In: -39.060+/-0.154 χ^2/NDF:8577.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -39.503+/-0.109 χ^2/NDF: 18399.6/47

- 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: 0.770+/-0.124 χ^2/NDF:3952.9/24

Right Out: -3.954+/-0.507 χ^2/NDF: 123.3/18

Left In: 0.662+/-0.124 χ^2/NDF:3340.9/22

+ sign 0.502+/-0.121 χ^2/NDF: 4196.8/41

All: 0.451+/-0.085 χ^2/NDF: 7739.6/83

- sign 0.401+/-0.120 χ^2/NDF: 3542.5/41

reg_asym_sam3_diff_bpm4eX_slope vs Slug

Right In: -45.101+/-0.881 χ^2/NDF: 229.9/16

Left Out: -47.888+/-0.155 χ^2/NDF:16707.2/24

Right Out: -42.979+/-0.877 χ^2/NDF: 248.9/18

Left In: -47.112+/-0.155 χ^2/NDF:15654.8/22

+ sign -47.805+/-0.152 χ^2/NDF: 16946.8/41

All: -47.396+/-0.108 χ^2/NDF: 32886.4/83

- sign -46.988+/-0.152 χ^2/NDF: 15925.2/41

reg_asym_sam3_diff_bpm4eY_slope vs Slug

Right In: 23.079+/-0.556 χ^2/NDF: 461.1/16

Left Out: 21.005+/-0.139 χ^2/NDF:2789.5/24

Right Out: 22.397+/-0.572 χ^2/NDF: 370.3/18

Left In: 21.069+/-0.139 χ^2/NDF:2176.7/22

+ sign 21.127+/-0.135 χ^2/NDF: 3263.8/41

All: 21.135+/-0.095 χ^2/NDF: 5815.9/83

- sign 21.143+/-0.135 χ^2/NDF: 2552.1/41

reg_asym_sam3_diff_bpm12X_slope vs Slug

Right In: -0.377+/-0.030 χ^2/NDF: 437.1/16

Left Out: 0.146+/-0.006 χ^2/NDF:609.8/24

Right Out: -0.601+/-0.030 χ^2/NDF: 555.6/18

Left In: 0.151+/-0.006 χ^2/NDF:873.9/22

+ sign 0.124+/-0.006 χ^2/NDF: 1336.1/41

All: 0.121+/-0.004 χ^2/NDF: 3361.4/83

- sign 0.119+/-0.006 χ^2/NDF: 2025.0/41

reg_asym_sam4_diff_bpm1X_slope vs Slug

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

Left Out: -83.163+/-0.407 χ^2/NDF:13794.3/24

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

Left In: -82.342+/-0.413 χ^2/NDF:10954.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -82.758+/-0.290 χ^2/NDF: 24751.3/47

- 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: 34.306+/-0.321 χ^2/NDF:6163.7/24

Right Out: 27.648+/-0.810 χ^2/NDF: 1009.2/18

Left In: 34.893+/-0.328 χ^2/NDF:4754.6/22

+ sign 32.997+/-0.298 χ^2/NDF: 6974.7/41

All: 33.425+/-0.213 χ^2/NDF: 12811.4/83

- sign 33.872+/-0.304 χ^2/NDF: 5832.4/41

reg_asym_sam4_diff_bpm4eX_slope vs Slug

Right In: -76.728+/-1.412 χ^2/NDF: 1042.0/16

Left Out: -86.377+/-0.409 χ^2/NDF:14435.1/24

Right Out: -77.773+/-1.352 χ^2/NDF: 871.8/18

Left In: -85.441+/-0.413 χ^2/NDF:12998.9/22

+ sign -85.630+/-0.393 χ^2/NDF: 15520.2/41

All: -85.211+/-0.279 χ^2/NDF: 29422.5/83

- sign -84.786+/-0.395 χ^2/NDF: 13900.1/41

reg_asym_sam4_diff_bpm4eY_slope vs Slug

Right In: 184.271+/-0.914 χ^2/NDF: 5401.0/16

Left Out: 179.109+/-0.363 χ^2/NDF:5877.5/24

Right Out: 177.930+/-0.924 χ^2/NDF: 6330.9/18

Left In: 176.449+/-0.370 χ^2/NDF:4442.1/22

+ sign 179.811+/-0.337 χ^2/NDF: 11306.0/41

All: 178.261+/-0.240 χ^2/NDF: 22124.4/83

- sign 176.653+/-0.343 χ^2/NDF: 10775.2/41

reg_asym_sam4_diff_bpm12X_slope vs Slug

Right In: -1.196+/-0.048 χ^2/NDF: 623.1/16

Left Out: -0.787+/-0.017 χ^2/NDF:1760.7/24

Right Out: -1.385+/-0.046 χ^2/NDF: 924.4/18

Left In: -0.702+/-0.017 χ^2/NDF:2421.3/22

+ sign -0.830+/-0.016 χ^2/NDF: 2448.6/41

All: -0.807+/-0.011 χ^2/NDF: 5994.7/83

- sign -0.783+/-0.016 χ^2/NDF: 3541.6/41

reg_asym_sam5_diff_bpm1X_slope vs Slug

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

Left Out: -10.147+/-0.202 χ^2/NDF:4128.5/24

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

Left In: -10.149+/-0.204 χ^2/NDF:3491.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -10.148+/-0.143 χ^2/NDF: 7620.2/47

- 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: 56.508+/-0.159 χ^2/NDF:1962.3/24

Right Out: 59.477+/-0.248 χ^2/NDF: 1317.0/18

Left In: 56.674+/-0.165 χ^2/NDF:1679.8/22

+ sign 57.602+/-0.136 χ^2/NDF: 3067.7/41

All: 57.568+/-0.097 χ^2/NDF: 6153.3/83

- sign 57.532+/-0.137 χ^2/NDF: 3085.5/41

reg_asym_sam5_diff_bpm4eX_slope vs Slug

Right In: 1.914+/-0.458 χ^2/NDF: 121.6/16

Left Out: 13.485+/-0.202 χ^2/NDF:2731.0/24

Right Out: 0.960+/-0.424 χ^2/NDF: 149.5/18

Left In: 13.456+/-0.203 χ^2/NDF:2371.9/22

+ sign 11.601+/-0.185 χ^2/NDF: 3387.6/41

All: 11.362+/-0.130 χ^2/NDF: 6618.2/83

- sign 11.127+/-0.183 χ^2/NDF: 3227.3/41

reg_asym_sam5_diff_bpm4eY_slope vs Slug

Right In: 45.344+/-0.303 χ^2/NDF: 25071.0/16

Left Out: 87.023+/-0.179 χ^2/NDF:1057.2/24

Right Out: 46.007+/-0.289 χ^2/NDF: 28219.9/18

Left In: 86.443+/-0.184 χ^2/NDF:1038.6/22

+ sign 76.210+/-0.154 χ^2/NDF: 40118.7/41

All: 75.512+/-0.110 χ^2/NDF: 83316.8/83

- sign 74.807+/-0.155 χ^2/NDF: 43157.1/41

reg_asym_sam5_diff_bpm12X_slope vs Slug

Right In: 0.201+/-0.014 χ^2/NDF: 217.8/16

Left Out: -0.375+/-0.008 χ^2/NDF:1657.5/24

Right Out: 0.117+/-0.013 χ^2/NDF: 500.1/18

Left In: -0.320+/-0.008 χ^2/NDF:2325.0/22

+ sign -0.230+/-0.007 χ^2/NDF: 3135.5/41

All: -0.213+/-0.005 χ^2/NDF: 6782.6/83

- sign -0.197+/-0.007 χ^2/NDF: 3635.9/41

reg_asym_sam6_diff_bpm1X_slope vs Slug

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

Left Out: 21.818+/-0.210 χ^2/NDF:522.7/24

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

Left In: 20.860+/-0.216 χ^2/NDF:575.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 21.351+/-0.151 χ^2/NDF: 1108.3/47

- 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: 41.732+/-0.166 χ^2/NDF:1014.0/24

Right Out: 53.328+/-0.227 χ^2/NDF: 872.7/18

Left In: 41.682+/-0.173 χ^2/NDF:1715.9/22

+ sign 46.050+/-0.130 χ^2/NDF: 3977.1/41

All: 46.017+/-0.095 χ^2/NDF: 8230.6/83

- sign 45.981+/-0.138 χ^2/NDF: 4253.4/41

reg_asym_sam6_diff_bpm4eX_slope vs Slug

Right In: -2.361+/-0.364 χ^2/NDF: 840.8/16

Left Out: 52.116+/-0.210 χ^2/NDF:1445.4/24

Right Out: -1.035+/-0.377 χ^2/NDF: 507.7/18

Left In: 53.447+/-0.214 χ^2/NDF:1167.6/22

+ sign 38.459+/-0.182 χ^2/NDF: 19086.5/41

All: 39.273+/-0.130 χ^2/NDF: 36588.3/83

- sign 40.126+/-0.186 χ^2/NDF: 17460.9/41

reg_asym_sam6_diff_bpm4eY_slope vs Slug

Right In: 0.541+/-0.247 χ^2/NDF: 18423.8/16

Left Out: 73.294+/-0.187 χ^2/NDF:3148.2/24

Right Out: 1.990+/-0.267 χ^2/NDF: 15476.7/18

Left In: 73.699+/-0.194 χ^2/NDF:3901.1/22

+ sign 46.685+/-0.149 χ^2/NDF: 76729.2/41

All: 47.731+/-0.108 χ^2/NDF: 143554.6/83

- sign 48.887+/-0.157 χ^2/NDF: 66721.9/41

reg_asym_sam6_diff_bpm12X_slope vs Slug

Right In: 0.105+/-0.011 χ^2/NDF: 400.7/16

Left Out: -0.397+/-0.009 χ^2/NDF:943.5/24

Right Out: 0.088+/-0.011 χ^2/NDF: 391.0/18

Left In: -0.369+/-0.009 χ^2/NDF:1322.7/22

+ sign -0.208+/-0.007 χ^2/NDF: 2636.0/41

All: -0.201+/-0.005 χ^2/NDF: 5415.7/83

- sign -0.194+/-0.007 χ^2/NDF: 2777.6/41

reg_asym_sam7_diff_bpm1X_slope vs Slug

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

Left Out: 9.470+/-0.061 χ^2/NDF:12578.0/24

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

Left In: 9.315+/-0.063 χ^2/NDF:11007.3/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 9.394+/-0.044 χ^2/NDF: 23588.5/47

- 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: 12.393+/-0.050 χ^2/NDF:7525.9/24

Right Out: 11.104+/-0.116 χ^2/NDF: 817.2/18

Left In: 12.302+/-0.051 χ^2/NDF:5661.3/22

+ sign 12.069+/-0.046 χ^2/NDF: 8686.5/41

All: 12.089+/-0.033 χ^2/NDF: 15254.2/83

- sign 12.109+/-0.047 χ^2/NDF: 6567.3/41

reg_asym_sam7_diff_bpm4eX_slope vs Slug

Right In: -72.201+/-0.198 χ^2/NDF: 5566.9/16

Left Out: -43.930+/-0.062 χ^2/NDF:17576.0/24

Right Out: -76.003+/-0.181 χ^2/NDF: 3465.4/18

Left In: -43.591+/-0.063 χ^2/NDF:15574.9/22

+ sign -46.463+/-0.059 χ^2/NDF: 41761.0/41

All: -46.781+/-0.042 χ^2/NDF: 89472.3/83

- sign -47.103+/-0.060 χ^2/NDF: 47653.2/41

reg_asym_sam7_diff_bpm4eY_slope vs Slug

Right In: -16.072+/-0.132 χ^2/NDF: 1640.9/16

Left Out: -19.526+/-0.056 χ^2/NDF:6493.0/24

Right Out: -16.799+/-0.128 χ^2/NDF: 1215.8/18

Left In: -19.552+/-0.057 χ^2/NDF:4359.1/22

+ sign -19.002+/-0.051 χ^2/NDF: 8713.6/41

All: -19.048+/-0.037 χ^2/NDF: 14675.1/83

- sign -19.096+/-0.052 χ^2/NDF: 5959.8/41

reg_asym_sam7_diff_bpm12X_slope vs Slug

Right In: -0.198+/-0.008 χ^2/NDF: 6338.8/16

Left Out: 0.387+/-0.003 χ^2/NDF:989.2/24

Right Out: -0.237+/-0.007 χ^2/NDF: 6221.9/18

Left In: 0.389+/-0.003 χ^2/NDF:1257.1/22

+ sign 0.326+/-0.002 χ^2/NDF: 12722.8/41

All: 0.321+/-0.002 χ^2/NDF: 26937.3/83

- sign 0.316+/-0.002 χ^2/NDF: 14205.8/41

reg_asym_sam8_diff_bpm1X_slope vs Slug

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

Left Out: -2.499+/-0.053 χ^2/NDF:55930.9/24

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

Left In: -2.876+/-0.055 χ^2/NDF:46380.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -2.681+/-0.038 χ^2/NDF: 102336.4/47

- 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: -34.594+/-0.042 χ^2/NDF:34404.6/24

Right Out: -40.052+/-0.073 χ^2/NDF: 11313.5/18

Left In: -34.099+/-0.044 χ^2/NDF:29370.6/22

+ sign -36.304+/-0.037 χ^2/NDF: 48346.3/41

All: -35.999+/-0.026 χ^2/NDF: 94076.7/83

- sign -35.684+/-0.038 χ^2/NDF: 45591.9/41

reg_asym_sam8_diff_bpm4eX_slope vs Slug

Right In: -48.743+/-0.124 χ^2/NDF: 14658.5/16

Left Out: -26.920+/-0.053 χ^2/NDF:49198.9/24

Right Out: -48.091+/-0.107 χ^2/NDF: 11731.5/18

Left In: -26.733+/-0.055 χ^2/NDF:42643.0/22

+ sign -30.307+/-0.049 χ^2/NDF: 89844.3/41

All: -30.729+/-0.035 χ^2/NDF: 175845.6/83

- sign -31.147+/-0.049 χ^2/NDF: 85853.6/41

reg_asym_sam8_diff_bpm4eY_slope vs Slug

Right In: 43.782+/-0.087 χ^2/NDF: 10638.7/16

Left Out: 37.435+/-0.047 χ^2/NDF:21517.4/24

Right Out: 40.530+/-0.080 χ^2/NDF: 17580.7/18

Left In: 37.164+/-0.049 χ^2/NDF:17427.3/22

+ sign 38.894+/-0.042 χ^2/NDF: 36290.4/41

All: 38.492+/-0.029 χ^2/NDF: 72769.4/83

- sign 38.083+/-0.042 χ^2/NDF: 36289.7/41

reg_asym_sam8_diff_bpm12X_slope vs Slug

Right In: -0.178+/-0.005 χ^2/NDF: 7375.8/16

Left Out: 0.204+/-0.002 χ^2/NDF:3801.8/24

Right Out: -0.219+/-0.004 χ^2/NDF: 7470.0/18

Left In: 0.208+/-0.002 χ^2/NDF:5095.2/22

+ sign 0.140+/-0.002 χ^2/NDF: 16359.1/41

All: 0.129+/-0.001 χ^2/NDF: 36750.9/83

- sign 0.117+/-0.002 χ^2/NDF: 20328.2/41

reg_asym_usl_diff_bpm1X_slope vs Slug

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

Left Out: -72.115+/-0.383 χ^2/NDF:1125.2/23

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

Left In: -71.713+/-0.380 χ^2/NDF:884.6/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -71.913+/-0.270 χ^2/NDF: 2010.3/46

- 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: 3.353+/-0.295 χ^2/NDF:167.8/23

Right Out: 8.816+/-0.449 χ^2/NDF: 350.4/17

Left In: 3.360+/-0.298 χ^2/NDF:164.5/22

+ sign 4.525+/-0.244 χ^2/NDF: 664.8/39

All: 4.771+/-0.174 χ^2/NDF: 1284.3/80

- sign 5.025+/-0.248 χ^2/NDF: 617.5/40

reg_asym_usl_diff_bpm4eX_slope vs Slug

Right In: 58.913+/-0.831 χ^2/NDF: 1496.7/15

Left Out: 13.610+/-0.382 χ^2/NDF:1303.3/23

Right Out: 64.803+/-0.840 χ^2/NDF: 1718.2/17

Left In: 13.262+/-0.379 χ^2/NDF:1077.0/22

+ sign 21.497+/-0.347 χ^2/NDF: 5252.2/39

All: 21.729+/-0.245 χ^2/NDF: 11176.1/80

- sign 21.958+/-0.345 χ^2/NDF: 5923.0/40

reg_asym_usl_diff_bpm4eY_slope vs Slug

Right In: 9.583+/-0.501 χ^2/NDF: 554.4/15

Left Out: 17.285+/-0.337 χ^2/NDF:244.0/23

Right Out: 7.516+/-0.516 χ^2/NDF: 569.8/17

Left In: 17.224+/-0.339 χ^2/NDF:442.2/22

+ sign 14.887+/-0.280 χ^2/NDF: 961.1/39

All: 14.597+/-0.199 χ^2/NDF: 2223.0/80

- sign 14.301+/-0.283 χ^2/NDF: 1259.7/40

reg_asym_usl_diff_bpm12X_slope vs Slug

Right In: -39.777+/-0.031 χ^2/NDF: 26158.0/15

Left Out: -40.002+/-0.016 χ^2/NDF:172150.1/23

Right Out: -41.651+/-0.031 χ^2/NDF: 94457.5/17

Left In: -39.813+/-0.016 χ^2/NDF:145790.5/22

+ sign -39.956+/-0.014 χ^2/NDF: 198349.8/39

All: -40.069+/-0.010 χ^2/NDF: 441504.8/80

- sign -40.180+/-0.014 χ^2/NDF: 243026.3/40

reg_asym_usr_diff_bpm1X_slope vs Slug

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

Left Out: -51.622+/-0.383 χ^2/NDF:4133.0/24

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

Left In: -52.409+/-0.387 χ^2/NDF:3378.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -52.012+/-0.272 χ^2/NDF: 7513.8/47

- 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: -1.300+/-0.293 χ^2/NDF:1315.7/24

Right Out: 7.565+/-0.652 χ^2/NDF: 270.2/18

Left In: -1.608+/-0.299 χ^2/NDF:1097.4/22

+ sign -0.176+/-0.265 χ^2/NDF: 1692.5/41

All: -0.094+/-0.190 χ^2/NDF: 3223.8/83

- sign -0.008+/-0.272 χ^2/NDF: 1531.2/41

reg_asym_usr_diff_bpm4eX_slope vs Slug

Right In: 153.298+/-1.145 χ^2/NDF: 2266.8/16

Left Out: 110.012+/-0.383 χ^2/NDF:4537.0/24

Right Out: 162.747+/-1.177 χ^2/NDF: 1708.7/18

Left In: 110.482+/-0.385 χ^2/NDF:3824.9/22

+ sign 114.365+/-0.363 χ^2/NDF: 8089.9/41

All: 114.943+/-0.258 χ^2/NDF: 15411.1/83

- sign 115.529+/-0.366 χ^2/NDF: 7316.1/41

reg_asym_usr_diff_bpm4eY_slope vs Slug

Right In: 10.878+/-0.713 χ^2/NDF: 388.1/16

Left Out: 19.434+/-0.336 χ^2/NDF:1452.3/24

Right Out: 7.014+/-0.748 χ^2/NDF: 424.5/18

Left In: 19.472+/-0.342 χ^2/NDF:1188.2/22

+ sign 17.884+/-0.304 χ^2/NDF: 1958.2/41

All: 17.610+/-0.217 χ^2/NDF: 3802.0/83

- sign 17.323+/-0.311 χ^2/NDF: 1842.2/41

reg_asym_usr_diff_bpm12X_slope vs Slug

Right In: -41.265+/-0.038 χ^2/NDF: 12570.1/16

Left Out: -39.484+/-0.016 χ^2/NDF:88877.3/24

Right Out: -41.144+/-0.039 χ^2/NDF: 12218.7/18

Left In: -38.905+/-0.016 χ^2/NDF:54282.7/22

+ sign -39.740+/-0.015 χ^2/NDF: 103280.3/41

All: -39.484+/-0.010 χ^2/NDF: 173281.4/83

- sign -39.226+/-0.015 χ^2/NDF: 69380.8/41

reg_asym_dsl_diff_bpm1X_slope vs Slug

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

Left Out: -0.089+/-0.022 χ^2/NDF:40.0/23

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

Left In: -0.026+/-0.022 χ^2/NDF:32.3/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.057+/-0.016 χ^2/NDF: 76.4/46

- 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: -0.081+/-0.017 χ^2/NDF:25.8/23

Right Out: -0.051+/-0.029 χ^2/NDF: 25.8/17

Left In: -0.055+/-0.018 χ^2/NDF:32.2/22

+ sign -0.058+/-0.015 χ^2/NDF: 44.5/39

All: -0.056+/-0.011 χ^2/NDF: 102.6/80

- sign -0.054+/-0.015 χ^2/NDF: 58.0/40

reg_asym_dsl_diff_bpm4eX_slope vs Slug

Right In: 0.171+/-0.052 χ^2/NDF: 13.7/15

Left Out: 0.082+/-0.022 χ^2/NDF:38.7/23

Right Out: 0.239+/-0.054 χ^2/NDF: 21.8/17

Left In: 0.020+/-0.022 χ^2/NDF:34.5/22

+ sign 0.095+/-0.020 χ^2/NDF: 54.8/39

All: 0.073+/-0.014 χ^2/NDF: 127.5/80

- sign 0.052+/-0.020 χ^2/NDF: 70.4/40

reg_asym_dsl_diff_bpm4eY_slope vs Slug

Right In: -0.011+/-0.033 χ^2/NDF: 13.8/15

Left Out: 0.105+/-0.020 χ^2/NDF:29.5/23

Right Out: 0.059+/-0.034 χ^2/NDF: 20.6/17

Left In: 0.072+/-0.020 χ^2/NDF:31.7/22

+ sign 0.074+/-0.017 χ^2/NDF: 52.5/39

All: 0.071+/-0.012 χ^2/NDF: 105.0/80

- sign 0.069+/-0.017 χ^2/NDF: 52.4/40

reg_asym_dsl_diff_bpm12X_slope vs Slug

Right In: -0.012+/-0.002 χ^2/NDF: 12.9/15

Left Out: -0.008+/-0.001 χ^2/NDF:30.7/23

Right Out: -0.012+/-0.002 χ^2/NDF: 11891.5/17

Left In: -0.009+/-0.001 χ^2/NDF:42.1/22

+ sign -0.009+/-0.001 χ^2/NDF: 47.2/39

All: -0.009+/-0.001 χ^2/NDF: 11983.9/80

- sign -0.009+/-0.001 χ^2/NDF: 11936.3/40

reg_asym_dsr_diff_bpm1X_slope vs Slug

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

Left Out: 0.013+/-0.027 χ^2/NDF:29.2/24

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

Left In: 0.004+/-0.028 χ^2/NDF:28.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.009+/-0.019 χ^2/NDF: 57.4/47

- 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: -0.058+/-0.021 χ^2/NDF:25.4/24

Right Out: -0.128+/-0.039 χ^2/NDF: 17.6/18

Left In: -0.072+/-0.022 χ^2/NDF:48.7/22

+ sign -0.049+/-0.018 χ^2/NDF: 49.4/41

All: -0.066+/-0.013 χ^2/NDF: 119.1/83

- sign -0.085+/-0.019 χ^2/NDF: 67.9/41

reg_asym_dsr_diff_bpm4eX_slope vs Slug

Right In: -0.129+/-0.067 χ^2/NDF: 23.7/16

Left Out: -0.015+/-0.027 χ^2/NDF:27.0/24

Right Out: -0.172+/-0.071 χ^2/NDF: 15.0/18

Left In: -0.035+/-0.027 χ^2/NDF:27.7/22

+ sign -0.031+/-0.025 χ^2/NDF: 53.3/41

All: -0.041+/-0.018 χ^2/NDF: 99.6/83

- sign -0.053+/-0.026 χ^2/NDF: 46.0/41

reg_asym_dsr_diff_bpm4eY_slope vs Slug

Right In: 0.021+/-0.042 χ^2/NDF: 22.5/16

Left Out: 0.062+/-0.024 χ^2/NDF:25.0/24

Right Out: 0.152+/-0.045 χ^2/NDF: 16.2/18

Left In: 0.069+/-0.025 χ^2/NDF:51.4/22

+ sign 0.052+/-0.021 χ^2/NDF: 48.2/41

All: 0.069+/-0.015 χ^2/NDF: 120.0/83

- sign 0.088+/-0.022 χ^2/NDF: 70.3/41

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:25.9/24

Right Out: 0.001+/-0.002 χ^2/NDF: 10449.1/18

Left In: 0.009+/-0.001 χ^2/NDF:15.8/22

+ sign 0.007+/-0.001 χ^2/NDF: 66.5/41

All: 0.007+/-0.001 χ^2/NDF: 10541.9/83

- sign 0.008+/-0.001 χ^2/NDF: 10475.2/41

reg_asym_us_avg_diff_bpm1X_slope vs Slug

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

Left Out: -61.756+/-0.334 χ^2/NDF:2509.2/23

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

Left In: -62.290+/-0.331 χ^2/NDF:2265.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -62.025+/-0.235 χ^2/NDF: 4775.5/46

- 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: 1.197+/-0.252 χ^2/NDF:526.1/23

Right Out: 8.142+/-0.454 χ^2/NDF: 407.7/17

Left In: 1.171+/-0.255 χ^2/NDF:466.2/22

+ sign 2.349+/-0.217 χ^2/NDF: 1068.2/39

All: 2.589+/-0.155 χ^2/NDF: 2124.2/80

- sign 2.842+/-0.222 χ^2/NDF: 1053.5/40

reg_asym_us_avg_diff_bpm4eX_slope vs Slug

Right In: 101.631+/-0.807 χ^2/NDF: 2978.9/15

Left Out: 61.496+/-0.332 χ^2/NDF:2610.2/23

Right Out: 110.756+/-0.836 χ^2/NDF: 2513.0/17

Left In: 61.995+/-0.329 χ^2/NDF:2517.6/22

+ sign 67.315+/-0.307 χ^2/NDF: 7704.2/39

All: 67.924+/-0.217 χ^2/NDF: 15687.4/80

- sign 68.529+/-0.306 χ^2/NDF: 7975.3/40

reg_asym_us_avg_diff_bpm4eY_slope vs Slug

Right In: 10.508+/-0.492 χ^2/NDF: 581.5/15

Left Out: 17.979+/-0.291 χ^2/NDF:674.8/23

Right Out: 7.477+/-0.524 χ^2/NDF: 689.3/17

Left In: 17.881+/-0.292 χ^2/NDF:730.9/22

+ sign 16.045+/-0.250 χ^2/NDF: 1427.2/39

All: 15.738+/-0.179 χ^2/NDF: 3151.5/80

- sign 15.421+/-0.255 χ^2/NDF: 1721.2/40

reg_asym_us_avg_diff_bpm12X_slope vs Slug

Right In: -40.080+/-0.028 χ^2/NDF: 25123.9/15

Left Out: -39.567+/-0.014 χ^2/NDF:141152.0/23

Right Out: -41.609+/-0.029 χ^2/NDF: 61784.6/17

Left In: -39.368+/-0.014 χ^2/NDF:117958.1/22

+ sign -39.665+/-0.012 χ^2/NDF: 166543.1/39

All: -39.723+/-0.009 χ^2/NDF: 351353.1/80

- sign -39.779+/-0.012 χ^2/NDF: 184767.1/40

reg_asym_us_dd_diff_bpm1X_slope vs Slug

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

Left Out: -11.837+/-0.187 χ^2/NDF:2742.4/23

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

Left In: -11.014+/-0.187 χ^2/NDF:2116.6/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -11.426+/-0.132 χ^2/NDF: 4868.7/46

- 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: 3.042+/-0.148 χ^2/NDF:1452.6/23

Right Out: 0.906+/-0.354 χ^2/NDF: 42.0/17

Left In: 3.172+/-0.150 χ^2/NDF:1297.9/22

+ sign 2.709+/-0.135 χ^2/NDF: 1527.2/39

All: 2.768+/-0.097 χ^2/NDF: 2902.3/80

- sign 2.828+/-0.138 χ^2/NDF: 1374.7/40

reg_asym_us_dd_diff_bpm4eX_slope vs Slug

Right In: -52.148+/-0.612 χ^2/NDF: 230.2/15

Left Out: -46.398+/-0.187 χ^2/NDF:3289.4/23

Right Out: -52.346+/-0.616 χ^2/NDF: 235.7/17

Left In: -47.170+/-0.186 χ^2/NDF:2526.3/22

+ sign -46.887+/-0.178 χ^2/NDF: 3600.5/39

All: -47.246+/-0.126 χ^2/NDF: 6435.3/80

- sign -47.605+/-0.178 χ^2/NDF: 2826.7/40

reg_asym_us_dd_diff_bpm4eY_slope vs Slug

Right In: -0.596+/-0.384 χ^2/NDF: 82.6/15

Left Out: -1.668+/-0.167 χ^2/NDF:1479.3/23

Right Out: 0.416+/-0.400 χ^2/NDF: 95.8/17

Left In: -1.746+/-0.168 χ^2/NDF:1254.1/22

+ sign -1.498+/-0.153 χ^2/NDF: 1568.5/39

All: -1.459+/-0.109 χ^2/NDF: 2943.3/80

- sign -1.420+/-0.155 χ^2/NDF: 1374.7/40

reg_asym_us_dd_diff_bpm12X_slope vs Slug

Right In: 0.128+/-0.021 χ^2/NDF: 5252.9/15

Left Out: -0.703+/-0.008 χ^2/NDF:53770.3/23

Right Out: -1.631+/-0.022 χ^2/NDF: 77878.6/17

Left In: -0.651+/-0.008 χ^2/NDF:44167.1/22

+ sign -0.609+/-0.007 χ^2/NDF: 60348.8/39

All: -0.684+/-0.005 χ^2/NDF: 184407.7/80

- sign -0.759+/-0.007 χ^2/NDF: 123844.6/40

reg_asym_ds_avg_diff_bpm1X_slope vs Slug

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

Left Out: -0.038+/-0.018 χ^2/NDF:35.6/23

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

Left In: -0.009+/-0.018 χ^2/NDF:35.3/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.024+/-0.013 χ^2/NDF: 72.1/46

- 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+/-0.014 χ^2/NDF:27.8/23

Right Out: -0.092+/-0.025 χ^2/NDF: 12.7/17

Left In: -0.065+/-0.014 χ^2/NDF:40.4/22

+ sign -0.057+/-0.012 χ^2/NDF: 44.9/39

All: -0.064+/-0.009 χ^2/NDF: 99.6/80

- sign -0.072+/-0.012 χ^2/NDF: 53.9/40

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug

Right In: 0.017+/-0.043 χ^2/NDF: 9.6/15

Left Out: 0.036+/-0.018 χ^2/NDF:32.4/23

Right Out: 0.030+/-0.045 χ^2/NDF: 9.2/17

Left In: -0.010+/-0.018 χ^2/NDF:37.1/22

+ sign 0.033+/-0.017 χ^2/NDF: 42.2/39

All: 0.014+/-0.012 χ^2/NDF: 91.7/80

- sign -0.005+/-0.017 χ^2/NDF: 47.0/40

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+/-0.016 χ^2/NDF:27.8/23

Right Out: 0.110+/-0.029 χ^2/NDF: 8.0/17

Left In: 0.071+/-0.016 χ^2/NDF:44.0/22

+ sign 0.065+/-0.014 χ^2/NDF: 46.3/39

All: 0.073+/-0.010 χ^2/NDF: 100.2/80

- sign 0.081+/-0.014 χ^2/NDF: 53.3/40

reg_asym_ds_avg_diff_bpm12X_slope vs Slug

Right In: -0.005+/-0.001 χ^2/NDF: 22.6/15

Left Out: 0.000+/-0.001 χ^2/NDF:23.9/23

Right Out: -0.006+/-0.001 χ^2/NDF: 26508.9/17

Left In: 0.000+/-0.001 χ^2/NDF:22.4/22

+ sign -0.001+/-0.001 χ^2/NDF: 59.5/39

All: -0.001+/-0.000 χ^2/NDF: 26604.8/80

- sign -0.001+/-0.001 χ^2/NDF: 26545.2/40

reg_asym_ds_dd_diff_bpm1X_slope vs Slug

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

Left Out: -0.052+/-0.018 χ^2/NDF:37.3/23

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

Left In: -0.010+/-0.018 χ^2/NDF:33.3/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.031+/-0.013 χ^2/NDF: 73.3/46

- 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: -0.010+/-0.014 χ^2/NDF:29.5/23

Right Out: 0.040+/-0.025 χ^2/NDF: 27.9/17

Left In: 0.004+/-0.014 χ^2/NDF:50.3/22

+ sign -0.005+/-0.012 χ^2/NDF: 55.5/39

All: 0.004+/-0.009 χ^2/NDF: 136.3/80

- sign 0.013+/-0.012 χ^2/NDF: 79.8/40

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug

Right In: 0.152+/-0.043 χ^2/NDF: 28.7/15

Left Out: 0.048+/-0.018 χ^2/NDF:35.4/23

Right Out: 0.200+/-0.045 χ^2/NDF: 22.9/17

Left In: 0.021+/-0.018 χ^2/NDF:34.0/22

+ sign 0.063+/-0.017 χ^2/NDF: 69.2/39

All: 0.055+/-0.012 χ^2/NDF: 140.3/80

- sign 0.046+/-0.017 χ^2/NDF: 70.6/40

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug

Right In: -0.014+/-0.027 χ^2/NDF: 25.2/15

Left Out: 0.021+/-0.016 χ^2/NDF:33.2/23

Right Out: -0.050+/-0.029 χ^2/NDF: 25.7/17

Left In: 0.007+/-0.016 χ^2/NDF:50.7/22

+ sign 0.012+/-0.014 χ^2/NDF: 59.5/39

All: 0.003+/-0.010 χ^2/NDF: 139.8/80

- sign -0.007+/-0.014 χ^2/NDF: 79.4/40

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:31.9/23

Right Out: -0.006+/-0.001 χ^2/NDF: 165.9/17

Left In: -0.009+/-0.001 χ^2/NDF:39.2/22

+ sign -0.008+/-0.001 χ^2/NDF: 62.7/39

All: -0.008+/-0.000 χ^2/NDF: 270.9/80

- sign -0.008+/-0.001 χ^2/NDF: 207.9/40

reg_asym_left_avg_diff_bpm1X_slope vs Slug

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

Left Out: -36.110+/-0.192 χ^2/NDF:1118.4/23

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

Left In: -35.869+/-0.191 χ^2/NDF:887.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -35.989+/-0.135 χ^2/NDF: 2006.3/46

- 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: 1.632+/-0.148 χ^2/NDF:166.7/23

Right Out: 4.370+/-0.225 χ^2/NDF: 353.8/17

Left In: 1.646+/-0.149 χ^2/NDF:164.1/22

+ sign 2.232+/-0.122 χ^2/NDF: 665.4/39

All: 2.351+/-0.087 χ^2/NDF: 1286.8/80

- sign 2.475+/-0.124 χ^2/NDF: 619.5/40

reg_asym_left_avg_diff_bpm4eX_slope vs Slug

Right In: 29.535+/-0.417 χ^2/NDF: 1494.9/15

Left Out: 6.855+/-0.191 χ^2/NDF:1298.7/23

Right Out: 32.816+/-0.423 χ^2/NDF: 1659.3/17

Left In: 6.639+/-0.190 χ^2/NDF:1077.2/22

+ sign 10.804+/-0.174 χ^2/NDF: 5239.4/39

All: 10.916+/-0.123 χ^2/NDF: 11166.7/80

- sign 11.027+/-0.173 χ^2/NDF: 5926.5/40

reg_asym_left_avg_diff_bpm4eY_slope vs Slug

Right In: 4.789+/-0.251 χ^2/NDF: 553.9/15

Left Out: 8.697+/-0.169 χ^2/NDF:241.1/23

Right Out: 3.809+/-0.259 χ^2/NDF: 567.6/17

Left In: 8.659+/-0.170 χ^2/NDF:438.0/22

+ sign 7.480+/-0.140 χ^2/NDF: 961.7/39

All: 7.342+/-0.100 χ^2/NDF: 2214.8/80

- sign 7.201+/-0.142 χ^2/NDF: 1251.1/40

reg_asym_left_avg_diff_bpm12X_slope vs Slug

Right In: -19.895+/-0.016 χ^2/NDF: 26073.6/15

Left Out: -20.007+/-0.008 χ^2/NDF:171647.2/23

Right Out: -20.938+/-0.016 χ^2/NDF: 94065.2/17

Left In: -19.912+/-0.008 χ^2/NDF:145487.3/22

+ sign -19.984+/-0.007 χ^2/NDF: 197761.8/39

All: -20.050+/-0.005 χ^2/NDF: 440912.0/80

- sign -20.116+/-0.007 χ^2/NDF: 242974.2/40

reg_asym_left_dd_diff_bpm1X_slope vs Slug

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

Left Out: -36.019+/-0.192 χ^2/NDF:1125.4/23

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

Left In: -35.856+/-0.191 χ^2/NDF:875.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -35.937+/-0.135 χ^2/NDF: 2001.6/46

- 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: 1.721+/-0.148 χ^2/NDF:168.3/23

Right Out: 4.303+/-0.222 χ^2/NDF: 352.8/17

Left In: 1.712+/-0.149 χ^2/NDF:164.1/22

+ sign 2.293+/-0.122 χ^2/NDF: 659.1/39

All: 2.405+/-0.087 χ^2/NDF: 1271.8/80

- sign 2.520+/-0.124 χ^2/NDF: 611.0/40

reg_asym_left_dd_diff_bpm4eX_slope vs Slug

Right In: 29.367+/-0.416 χ^2/NDF: 1488.7/15

Left Out: 6.767+/-0.191 χ^2/NDF:1301.2/23

Right Out: 29.719+/-0.402 χ^2/NDF: 2129.5/17

Left In: 6.635+/-0.190 χ^2/NDF:1070.4/22

+ sign 10.703+/-0.174 χ^2/NDF: 5221.7/39

All: 10.767+/-0.122 χ^2/NDF: 11114.0/80

- sign 10.829+/-0.172 χ^2/NDF: 5892.1/40

reg_asym_left_dd_diff_bpm4eY_slope vs Slug

Right In: 4.794+/-0.251 χ^2/NDF: 550.0/15

Left Out: 8.588+/-0.169 χ^2/NDF:245.6/23

Right Out: 3.591+/-0.254 χ^2/NDF: 573.3/17

Left In: 8.573+/-0.170 χ^2/NDF:443.4/22

+ sign 7.407+/-0.140 χ^2/NDF: 952.9/39

All: 7.225+/-0.099 χ^2/NDF: 2238.4/80

- sign 7.040+/-0.141 χ^2/NDF: 1282.1/40

reg_asym_left_dd_diff_bpm12X_slope vs Slug

Right In: -19.883+/-0.016 χ^2/NDF: 26063.5/15

Left Out: -19.999+/-0.008 χ^2/NDF:171834.0/23

Right Out: -18.390+/-0.015 χ^2/NDF: 301247.7/17

Left In: -19.905+/-0.008 χ^2/NDF:145346.7/22

+ sign -19.975+/-0.007 χ^2/NDF: 197941.6/39

All: -19.770+/-0.005 χ^2/NDF: 654456.1/80

- sign -19.573+/-0.007 χ^2/NDF: 454843.4/40

reg_asym_right_avg_diff_bpm1X_slope vs Slug

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

Left Out: -25.804+/-0.192 χ^2/NDF:4127.8/24

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

Left In: -26.204+/-0.194 χ^2/NDF:3377.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -26.002+/-0.137 χ^2/NDF: 7507.7/47

- 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: -0.681+/-0.147 χ^2/NDF:1314.3/24

Right Out: 3.726+/-0.327 χ^2/NDF: 269.1/18

Left In: -0.842+/-0.150 χ^2/NDF:1071.6/22

+ sign -0.113+/-0.133 χ^2/NDF: 1692.1/41

All: -0.081+/-0.095 χ^2/NDF: 3194.3/83

- sign -0.047+/-0.136 χ^2/NDF: 1502.1/41

reg_asym_right_avg_diff_bpm4eX_slope vs Slug

Right In: 76.572+/-0.573 χ^2/NDF: 2253.6/16

Left Out: 55.000+/-0.192 χ^2/NDF:4524.8/24

Right Out: 81.923+/-0.592 χ^2/NDF: 1570.6/18

Left In: 55.225+/-0.193 χ^2/NDF:3825.0/22

+ sign 57.172+/-0.182 χ^2/NDF: 8051.7/41

All: 57.477+/-0.129 χ^2/NDF: 15292.2/83

- sign 57.786+/-0.183 χ^2/NDF: 7234.9/41

reg_asym_right_avg_diff_bpm4eY_slope vs Slug

Right In: 5.442+/-0.357 χ^2/NDF: 387.5/16

Left Out: 9.750+/-0.168 χ^2/NDF:1449.2/24

Right Out: 3.585+/-0.375 χ^2/NDF: 423.2/18

Left In: 9.775+/-0.171 χ^2/NDF:1165.6/22

+ sign 8.969+/-0.152 χ^2/NDF: 1955.7/41

All: 8.842+/-0.109 χ^2/NDF: 3771.1/83

- sign 8.708+/-0.156 χ^2/NDF: 1814.0/41

reg_asym_right_avg_diff_bpm12X_slope vs Slug

Right In: -20.630+/-0.019 χ^2/NDF: 12490.5/16

Left Out: -19.738+/-0.008 χ^2/NDF:88495.2/24

Right Out: -20.650+/-0.019 χ^2/NDF: 13885.7/18

Left In: -19.448+/-0.008 χ^2/NDF:54039.2/22

+ sign -19.867+/-0.007 χ^2/NDF: 102819.2/41

All: -19.743+/-0.005 χ^2/NDF: 174596.3/83

- sign -19.619+/-0.007 χ^2/NDF: 71205.5/41

reg_asym_right_dd_diff_bpm1X_slope vs Slug

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

Left Out: -25.814+/-0.192 χ^2/NDF:4094.6/24

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

Left In: -26.200+/-0.194 χ^2/NDF:3344.6/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -26.005+/-0.137 χ^2/NDF: 7441.2/47

- 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: -0.625+/-0.147 χ^2/NDF:1303.5/24

Right Out: 3.611+/-0.318 χ^2/NDF: 279.4/18

Left In: -0.773+/-0.150 χ^2/NDF:1111.4/22

+ sign -0.066+/-0.133 χ^2/NDF: 1676.6/41

All: -0.021+/-0.095 χ^2/NDF: 3222.9/83

- sign 0.026+/-0.136 χ^2/NDF: 1546.1/41

reg_asym_right_dd_diff_bpm4eX_slope vs Slug

Right In: 76.687+/-0.574 χ^2/NDF: 2265.1/16

Left Out: 55.008+/-0.192 χ^2/NDF:4502.1/24

Right Out: 70.386+/-0.550 χ^2/NDF: 4391.1/18

Left In: 55.252+/-0.193 χ^2/NDF:3786.2/22

+ sign 57.191+/-0.182 χ^2/NDF: 8051.6/41

All: 57.051+/-0.129 χ^2/NDF: 16904.9/83

- sign 56.911+/-0.182 χ^2/NDF: 8852.0/41

reg_asym_right_dd_diff_bpm4eY_slope vs Slug

Right In: 5.439+/-0.357 χ^2/NDF: 385.9/16

Left Out: 9.691+/-0.168 χ^2/NDF:1440.3/24

Right Out: 3.275+/-0.365 χ^2/NDF: 425.8/18

Left In: 9.708+/-0.171 χ^2/NDF:1198.0/22

+ sign 8.920+/-0.152 χ^2/NDF: 1942.0/41

All: 8.737+/-0.109 χ^2/NDF: 3822.8/83

- sign 8.548+/-0.155 χ^2/NDF: 1877.9/41

reg_asym_right_dd_diff_bpm12X_slope vs Slug

Right In: -20.632+/-0.019 χ^2/NDF: 12530.8/16

Left Out: -19.746+/-0.008 χ^2/NDF:88374.4/24

Right Out: -17.591+/-0.018 χ^2/NDF: 178680.7/18

Left In: -19.457+/-0.008 χ^2/NDF:53995.4/22

+ sign -19.873+/-0.007 χ^2/NDF: 102709.1/41

All: -19.511+/-0.005 χ^2/NDF: 349250.8/83

- sign -19.155+/-0.007 χ^2/NDF: 241671.4/41

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug

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

Left Out: -8.058+/-0.070 χ^2/NDF:12532.2/24

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

Left In: -8.010+/-0.071 χ^2/NDF:10631.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -8.034+/-0.050 χ^2/NDF: 23163.6/47

- 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: 1.535+/-0.055 χ^2/NDF:4816.7/24

Right Out: -7.060+/-0.059 χ^2/NDF: 12329.4/18

Left In: 1.673+/-0.056 χ^2/NDF:4106.3/22

+ sign -1.923+/-0.039 χ^2/NDF: 22165.0/41

All: -2.193+/-0.028 χ^2/NDF: 50142.8/83

- sign -2.495+/-0.041 χ^2/NDF: 27874.3/41

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug

Right In: 5.824+/-0.090 χ^2/NDF: 1452.6/16

Left Out: 2.891+/-0.070 χ^2/NDF:8889.4/24

Right Out: 6.056+/-0.093 χ^2/NDF: 2668.9/18

Left In: 2.663+/-0.071 χ^2/NDF:7308.8/22

+ sign 4.011+/-0.055 χ^2/NDF: 11004.5/41

All: 3.960+/-0.040 χ^2/NDF: 21820.8/83

- sign 3.908+/-0.057 χ^2/NDF: 10814.6/41

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug

Right In: 6.432+/-0.065 χ^2/NDF: 123486.3/16

Left Out: 49.121+/-0.062 χ^2/NDF:2165.4/24

Right Out: 10.060+/-0.070 χ^2/NDF: 121816.0/18

Left In: 48.731+/-0.064 χ^2/NDF:2117.7/22

+ sign 28.727+/-0.045 χ^2/NDF: 353008.3/41

All: 29.896+/-0.032 χ^2/NDF: 646342.1/83

- sign 31.186+/-0.047 χ^2/NDF: 291896.2/41

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug

Right In: 0.215+/-0.003 χ^2/NDF: 3930.1/16

Left Out: 0.053+/-0.003 χ^2/NDF:2369.3/24

Right Out: 0.186+/-0.003 χ^2/NDF: 2720.3/18

Left In: 0.072+/-0.003 χ^2/NDF:3272.0/22

+ sign 0.136+/-0.002 χ^2/NDF: 7965.7/41

All: 0.134+/-0.001 χ^2/NDF: 14809.5/83

- sign 0.132+/-0.002 χ^2/NDF: 6841.9/41

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug

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

Left Out: 1.590+/-0.133 χ^2/NDF:1457.4/24

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

Left In: 1.715+/-0.134 χ^2/NDF:1313.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1.652+/-0.094 χ^2/NDF: 2771.4/47

- 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: -54.701+/-0.106 χ^2/NDF:1124.5/24

Right Out: -59.468+/-0.212 χ^2/NDF: 2912.7/18

Left In: -54.677+/-0.109 χ^2/NDF:1140.6/22

+ sign -55.662+/-0.096 χ^2/NDF: 3549.8/41

All: -55.673+/-0.068 χ^2/NDF: 8006.2/83

- sign -55.685+/-0.097 χ^2/NDF: 4456.3/41

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug

Right In: 2.188+/-0.404 χ^2/NDF: 39.1/16

Left Out: -10.146+/-0.133 χ^2/NDF:1051.2/24

Right Out: 2.733+/-0.388 χ^2/NDF: 58.9/18

Left In: -10.391+/-0.134 χ^2/NDF:1024.8/22

+ sign -8.940+/-0.126 χ^2/NDF: 1930.8/41

All: -8.967+/-0.089 χ^2/NDF: 4038.8/83

- sign -8.995+/-0.126 χ^2/NDF: 2108.0/41

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug

Right In: -32.817+/-0.254 χ^2/NDF: 4666.6/16

Left Out: -37.983+/-0.119 χ^2/NDF:936.9/24

Right Out: -32.501+/-0.244 χ^2/NDF: 6037.9/18

Left In: -37.784+/-0.122 χ^2/NDF:1079.7/22

+ sign -37.053+/-0.108 χ^2/NDF: 5942.8/41

All: -36.893+/-0.077 χ^2/NDF: 13440.1/83

- sign -36.728+/-0.109 χ^2/NDF: 7492.8/41

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug

Right In: 0.090+/-0.013 χ^2/NDF: 79.2/16

Left Out: 0.427+/-0.005 χ^2/NDF:1293.3/24

Right Out: 0.058+/-0.012 χ^2/NDF: 87.3/18

Left In: 0.392+/-0.005 χ^2/NDF:1835.6/22

+ sign 0.376+/-0.005 χ^2/NDF: 1966.0/41

All: 0.356+/-0.003 χ^2/NDF: 4550.1/83

- sign 0.337+/-0.005 χ^2/NDF: 2553.5/41

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug

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

Left Out: -15.427+/-0.105 χ^2/NDF:10499.6/24

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

Left In: -15.151+/-0.106 χ^2/NDF:8744.3/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -15.290+/-0.075 χ^2/NDF: 19247.4/47

- 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: 6.531+/-0.086 χ^2/NDF:4969.5/24

Right Out: 3.885+/-0.316 χ^2/NDF: 134.4/18

Left In: 6.448+/-0.086 χ^2/NDF:3955.6/22

+ sign 6.330+/-0.082 χ^2/NDF: 5183.1/41

All: 6.301+/-0.058 χ^2/NDF: 9334.6/83

- sign 6.272+/-0.083 χ^2/NDF: 4151.2/41

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug

Right In: -56.379+/-0.542 χ^2/NDF: 587.4/16

Left Out: -45.897+/-0.106 χ^2/NDF:17133.8/24

Right Out: -57.258+/-0.536 χ^2/NDF: 476.1/18

Left In: -45.268+/-0.107 χ^2/NDF:15775.7/22

+ sign -46.286+/-0.104 χ^2/NDF: 18081.4/41

All: -46.007+/-0.074 χ^2/NDF: 34829.1/83

- sign -45.726+/-0.105 χ^2/NDF: 16733.4/41

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug

Right In: 2.473+/-0.345 χ^2/NDF: 243.6/16

Left Out: 0.787+/-0.096 χ^2/NDF:3746.7/24

Right Out: 1.928+/-0.355 χ^2/NDF: 266.6/18

Left In: 0.791+/-0.096 χ^2/NDF:2697.7/22

+ sign 0.907+/-0.092 χ^2/NDF: 4012.4/41

All: 0.888+/-0.065 χ^2/NDF: 6986.4/83

- sign 0.869+/-0.093 χ^2/NDF: 2973.9/41

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug

Right In: -0.235+/-0.019 χ^2/NDF: 958.4/16

Left Out: 0.266+/-0.004 χ^2/NDF:698.1/24

Right Out: -0.391+/-0.019 χ^2/NDF: 853.3/18

Left In: 0.270+/-0.004 χ^2/NDF:973.5/22

+ sign 0.241+/-0.004 χ^2/NDF: 2325.4/41

All: 0.239+/-0.003 χ^2/NDF: 5307.1/83

- sign 0.236+/-0.004 χ^2/NDF: 2981.1/41

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug

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

Left Out: -24.571+/-0.051 χ^2/NDF:8610.0/24

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

Left In: -23.902+/-0.051 χ^2/NDF:9158.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -24.236+/-0.036 χ^2/NDF: 17855.2/47

- 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: -5.683+/-0.041 χ^2/NDF:2231.0/24

Right Out: -7.992+/-0.186 χ^2/NDF: 225.5/18

Left In: -5.690+/-0.041 χ^2/NDF:2328.2/22

+ sign -5.775+/-0.040 χ^2/NDF: 2731.2/41

All: -5.785+/-0.028 χ^2/NDF: 5431.6/83

- sign -5.795+/-0.040 χ^2/NDF: 2700.2/41

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug

Right In: 10.077+/-0.337 χ^2/NDF: 252.8/16

Left Out: -2.055+/-0.051 χ^2/NDF:16042.5/24

Right Out: 12.620+/-0.332 χ^2/NDF: 220.0/18

Left In: -1.963+/-0.051 χ^2/NDF:15492.9/22

+ sign -1.778+/-0.051 χ^2/NDF: 17563.5/41

All: -1.702+/-0.036 χ^2/NDF: 35160.8/83

- sign -1.627+/-0.050 χ^2/NDF: 17592.8/41

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug

Right In: 20.965+/-0.209 χ^2/NDF: 1225.5/16

Left Out: 20.136+/-0.046 χ^2/NDF:1414.2/24

Right Out: 20.716+/-0.213 χ^2/NDF: 729.9/18

Left In: 20.184+/-0.046 χ^2/NDF:1470.7/22

+ sign 20.174+/-0.045 χ^2/NDF: 2654.7/41

All: 20.191+/-0.032 χ^2/NDF: 4861.5/83

- sign 20.208+/-0.045 χ^2/NDF: 2206.5/41

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug

Right In: -0.172+/-0.011 χ^2/NDF: 464.2/16

Left Out: -0.120+/-0.002 χ^2/NDF:532.4/24

Right Out: -0.222+/-0.011 χ^2/NDF: 536.1/18

Left In: -0.118+/-0.002 χ^2/NDF:727.5/22

+ sign -0.122+/-0.002 χ^2/NDF: 1017.2/41

All: -0.122+/-0.001 χ^2/NDF: 2367.5/83

- sign -0.122+/-0.002 χ^2/NDF: 1350.3/41

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug

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

Left Out: -10.392+/-0.088 χ^2/NDF:2112.5/24

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

Left In: -9.990+/-0.089 χ^2/NDF:1794.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -10.194+/-0.063 χ^2/NDF: 3917.0/47

- 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: 7.187+/-0.074 χ^2/NDF:916.3/24

Right Out: 6.040+/-0.434 χ^2/NDF: 1512.1/18

Left In: 7.043+/-0.074 χ^2/NDF:1604.6/22

+ sign 7.205+/-0.072 χ^2/NDF: 2276.5/41

All: 7.110+/-0.051 χ^2/NDF: 5401.8/83

- sign 7.015+/-0.073 χ^2/NDF: 3121.9/41

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug

Right In: -50.966+/-0.738 χ^2/NDF: 332.7/16

Left Out: -35.377+/-0.089 χ^2/NDF:12628.3/24

Right Out: -49.497+/-0.797 χ^2/NDF: 510.4/18

Left In: -35.260+/-0.090 χ^2/NDF:11769.2/22

+ sign -35.601+/-0.088 χ^2/NDF: 13401.2/41

All: -35.520+/-0.063 χ^2/NDF: 25997.4/83

- sign -35.438+/-0.089 χ^2/NDF: 12594.5/41

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug

Right In: -63.656+/-0.445 χ^2/NDF: 2014.7/16

Left Out: -30.415+/-0.082 χ^2/NDF:8132.2/24

Right Out: -64.470+/-0.483 χ^2/NDF: 1606.8/18

Left In: -29.863+/-0.082 χ^2/NDF:7145.9/22

+ sign -31.495+/-0.080 χ^2/NDF: 15536.8/41

All: -31.171+/-0.057 χ^2/NDF: 29321.4/83

- sign -30.840+/-0.081 χ^2/NDF: 13751.7/41

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug

Right In: 0.149+/-0.024 χ^2/NDF: 989.9/16

Left Out: 0.553+/-0.004 χ^2/NDF:542.9/24

Right Out: -0.054+/-0.026 χ^2/NDF: 1167.9/18

Left In: 0.544+/-0.004 χ^2/NDF:659.2/22

+ sign 0.543+/-0.004 χ^2/NDF: 1810.1/41

All: 0.538+/-0.003 χ^2/NDF: 4152.2/83

- sign 0.531+/-0.004 χ^2/NDF: 2336.7/41

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug

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

Left Out: -33.148+/-0.301 χ^2/NDF:500.0/24

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

Left In: -31.647+/-0.308 χ^2/NDF:546.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -32.414+/-0.215 χ^2/NDF: 1059.0/47

- 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: -34.256+/-0.242 χ^2/NDF:693.3/24

Right Out: -49.008+/-0.764 χ^2/NDF: 1271.7/18

Left In: -34.189+/-0.250 χ^2/NDF:1546.1/22

+ sign -35.471+/-0.230 χ^2/NDF: 2027.0/41

All: -35.545+/-0.165 χ^2/NDF: 5185.0/83

- sign -35.625+/-0.238 χ^2/NDF: 3157.8/41

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug

Right In: -62.242+/-1.310 χ^2/NDF: 67.4/16

Left Out: -93.719+/-0.302 χ^2/NDF:878.2/24

Right Out: -61.142+/-1.379 χ^2/NDF: 165.6/18

Left In: -94.861+/-0.307 χ^2/NDF:985.5/22

+ sign -92.128+/-0.295 χ^2/NDF: 1493.6/41

All: -92.687+/-0.210 χ^2/NDF: 3221.3/83

- sign -93.267+/-0.300 χ^2/NDF: 1720.3/41

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug

Right In: -107.066+/-0.811 χ^2/NDF: 828.4/16

Left Out: -109.338+/-0.272 χ^2/NDF:826.2/24

Right Out: -104.269+/-0.861 χ^2/NDF: 1018.6/18

Left In: -109.126+/-0.279 χ^2/NDF:1578.7/22

+ sign -109.109+/-0.258 χ^2/NDF: 1661.6/41

All: -108.893+/-0.185 χ^2/NDF: 4289.2/83

- sign -108.664+/-0.266 χ^2/NDF: 2626.2/41

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug

Right In: -0.081+/-0.042 χ^2/NDF: 329.0/16

Left Out: 0.995+/-0.012 χ^2/NDF:635.3/24

Right Out: -0.376+/-0.044 χ^2/NDF: 583.0/18

Left In: 0.957+/-0.013 χ^2/NDF:896.5/22

+ sign 0.909+/-0.012 χ^2/NDF: 1563.2/41

All: 0.882+/-0.008 χ^2/NDF: 3904.1/83

- sign 0.855+/-0.012 χ^2/NDF: 2331.1/41

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug

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

Left Out: -42.295+/-0.222 χ^2/NDF:18267.5/24

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

Left In: -41.955+/-0.226 χ^2/NDF:14723.4/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -42.128+/-0.159 χ^2/NDF: 32992.1/47

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug

Right In: -7.812+/-0.427 χ^2/NDF: 982.8/16

Left Out: -0.527+/-0.175 χ^2/NDF:8707.9/24

Right Out: -5.908+/-0.429 χ^2/NDF: 1293.1/18

Left In: -0.125+/-0.179 χ^2/NDF:6925.0/22

+ sign -1.571+/-0.162 χ^2/NDF: 9939.7/41

All: -1.280+/-0.115 χ^2/NDF: 18319.2/83

- sign -0.979+/-0.165 χ^2/NDF: 8372.9/41

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug

Right In: -59.214+/-0.744 χ^2/NDF: 1720.4/16

Left Out: -57.276+/-0.224 χ^2/NDF:18511.1/24

Right Out: -60.513+/-0.704 χ^2/NDF: 1383.9/18

Left In: -56.705+/-0.226 χ^2/NDF:16547.5/22

+ sign -57.436+/-0.214 χ^2/NDF: 20237.8/41

All: -57.249+/-0.152 χ^2/NDF: 38197.2/83

- sign -57.061+/-0.215 χ^2/NDF: 17957.9/41

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug

Right In: 111.599+/-0.487 χ^2/NDF: 5959.5/16

Left Out: 108.709+/-0.198 χ^2/NDF:7297.0/24

Right Out: 107.238+/-0.488 χ^2/NDF: 7037.4/18

Left In: 107.180+/-0.202 χ^2/NDF:5592.3/22

+ sign 109.118+/-0.183 χ^2/NDF: 13286.7/41

All: 108.170+/-0.131 χ^2/NDF: 25971.0/83

- sign 107.188+/-0.186 χ^2/NDF: 12629.8/41

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug

Right In: -0.693+/-0.026 χ^2/NDF: 993.1/16

Left Out: -0.289+/-0.009 χ^2/NDF:2039.6/24

Right Out: -0.813+/-0.024 χ^2/NDF: 1310.7/18

Left In: -0.246+/-0.009 χ^2/NDF:2804.3/22

+ sign -0.334+/-0.009 χ^2/NDF: 3251.6/41

All: -0.325+/-0.006 χ^2/NDF: 7843.7/83

- sign -0.317+/-0.009 χ^2/NDF: 4590.2/41

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug

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

Left Out: -40.897+/-0.186 χ^2/NDF:9114.7/24

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

Left In: -40.422+/-0.189 χ^2/NDF:7030.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -40.662+/-0.133 χ^2/NDF: 16148.1/47

- 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: 34.768+/-0.148 χ^2/NDF:3677.3/24

Right Out: 33.180+/-0.379 χ^2/NDF: 770.3/18

Left In: 34.928+/-0.151 χ^2/NDF:2688.4/22

+ sign 34.432+/-0.137 χ^2/NDF: 4167.6/41

All: 34.557+/-0.098 χ^2/NDF: 7646.4/83

- sign 34.688+/-0.140 χ^2/NDF: 3477.0/41

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug

Right In: -18.721+/-0.665 χ^2/NDF: 519.6/16

Left Out: -29.080+/-0.187 χ^2/NDF:10059.5/24

Right Out: -18.306+/-0.644 χ^2/NDF: 472.6/18

Left In: -28.735+/-0.189 χ^2/NDF:9155.5/22

+ sign -28.320+/-0.180 χ^2/NDF: 10803.7/41

All: -28.115+/-0.128 χ^2/NDF: 20676.2/83

- sign -27.908+/-0.181 χ^2/NDF: 9869.9/41

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug

Right In: 72.875+/-0.426 χ^2/NDF: 4737.9/16

Left Out: 70.450+/-0.167 χ^2/NDF:4484.7/24

Right Out: 70.815+/-0.433 χ^2/NDF: 5489.3/18

Left In: 69.350+/-0.170 χ^2/NDF:3330.7/22

+ sign 70.771+/-0.155 χ^2/NDF: 9250.7/41

All: 70.170+/-0.111 χ^2/NDF: 18111.4/83

- sign 69.545+/-0.158 χ^2/NDF: 8829.9/41

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug

Right In: -0.499+/-0.022 χ^2/NDF: 303.5/16

Left Out: -0.498+/-0.008 χ^2/NDF:1440.7/24

Right Out: -0.561+/-0.021 χ^2/NDF: 562.3/18

Left In: -0.457+/-0.008 χ^2/NDF:1975.2/22

+ sign -0.498+/-0.007 χ^2/NDF: 1744.2/41

All: -0.484+/-0.005 χ^2/NDF: 4310.9/83

- sign -0.469+/-0.007 χ^2/NDF: 2558.6/41

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: -11.764+/-0.067 χ^2/NDF:1025.9/24

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

Left In: -11.352+/-0.068 χ^2/NDF:1280.6/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -11.561+/-0.048 χ^2/NDF: 2325.4/47

- 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: -30.201+/-0.054 χ^2/NDF:725.7/24

Right Out: -34.277+/-0.151 χ^2/NDF: 1349.5/18

Left In: -30.128+/-0.055 χ^2/NDF:1290.4/22

+ sign -30.637+/-0.051 χ^2/NDF: 2642.2/41

All: -30.629+/-0.036 χ^2/NDF: 5949.0/83

- sign -30.621+/-0.052 χ^2/NDF: 3306.8/41

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: -7.180+/-0.067 χ^2/NDF:3015.8/24

Right Out: 7.177+/-0.274 χ^2/NDF: 182.6/18

Left In: -7.400+/-0.068 χ^2/NDF:3134.9/22

+ sign -6.447+/-0.065 χ^2/NDF: 5210.5/41

All: -6.506+/-0.046 χ^2/NDF: 11194.7/83

- sign -6.565+/-0.066 χ^2/NDF: 5982.6/41

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: -8.965+/-0.060 χ^2/NDF:876.6/24

Right Out: -4.782+/-0.173 χ^2/NDF: 2040.4/18

Left In: -8.898+/-0.061 χ^2/NDF:1584.0/22

+ sign -8.584+/-0.057 χ^2/NDF: 3360.2/41

All: -8.511+/-0.041 χ^2/NDF: 7491.3/83

- sign -8.435+/-0.058 χ^2/NDF: 4127.8/41

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: 0.163+/-0.003 χ^2/NDF:1011.4/24

Right Out: -0.103+/-0.008 χ^2/NDF: 435.5/18

Left In: 0.150+/-0.003 χ^2/NDF:1296.5/22

+ sign 0.142+/-0.003 χ^2/NDF: 1864.8/41

All: 0.134+/-0.002 χ^2/NDF: 4431.6/83

- sign 0.126+/-0.003 χ^2/NDF: 2548.3/41

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: 2.575+/-0.058 χ^2/NDF:868.1/24

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

Left In: 2.433+/-0.059 χ^2/NDF:882.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2.505+/-0.042 χ^2/NDF: 1754.0/47

- 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: -2.145+/-0.048 χ^2/NDF:572.6/24

Right Out: -3.544+/-0.155 χ^2/NDF: 291.7/18

Left In: -2.137+/-0.048 χ^2/NDF:693.6/22

+ sign -2.213+/-0.046 χ^2/NDF: 742.9/41

All: -2.237+/-0.032 χ^2/NDF: 1804.2/83

- sign -2.262+/-0.046 χ^2/NDF: 1060.7/41

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: 25.258+/-0.059 χ^2/NDF:8135.5/24

Right Out: 31.000+/-0.260 χ^2/NDF: 479.5/18

Left In: 25.034+/-0.059 χ^2/NDF:7690.0/22

+ sign 25.477+/-0.058 χ^2/NDF: 8987.3/41

All: 25.404+/-0.041 χ^2/NDF: 17660.6/83

- sign 25.330+/-0.058 χ^2/NDF: 8670.0/41

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: 23.953+/-0.053 χ^2/NDF:1915.9/24

Right Out: 12.435+/-0.174 χ^2/NDF: 6962.9/18

Left In: 23.804+/-0.054 χ^2/NDF:1760.4/22

+ sign 23.079+/-0.051 χ^2/NDF: 12397.3/41

All: 22.944+/-0.036 χ^2/NDF: 25043.9/83

- sign 22.806+/-0.051 χ^2/NDF: 12632.3/41

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: -0.114+/-0.002 χ^2/NDF:290.8/24

Right Out: 0.139+/-0.009 χ^2/NDF: 3016.8/18

Left In: -0.107+/-0.002 χ^2/NDF:322.0/22

+ sign -0.094+/-0.002 χ^2/NDF: 2223.1/41

All: -0.092+/-0.002 χ^2/NDF: 6228.2/83

- sign -0.090+/-0.002 χ^2/NDF: 4004.2/41

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: -38.660+/-0.169 χ^2/NDF:4073.8/24

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

Left In: -37.939+/-0.173 χ^2/NDF:3133.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -38.306+/-0.121 χ^2/NDF: 7216.0/47

- 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: 1.163+/-0.136 χ^2/NDF:1786.1/24

Right Out: -10.446+/-0.491 χ^2/NDF: 428.4/18

Left In: 1.319+/-0.139 χ^2/NDF:2080.7/22

+ sign 0.409+/-0.131 χ^2/NDF: 2580.5/41

All: 0.425+/-0.094 χ^2/NDF: 5620.4/83

- sign 0.441+/-0.134 χ^2/NDF: 3039.9/41

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: -59.724+/-0.170 χ^2/NDF:5789.8/24

Right Out: -43.262+/-0.866 χ^2/NDF: 154.2/18

Left In: -59.864+/-0.173 χ^2/NDF:5275.1/22

+ sign -59.058+/-0.167 χ^2/NDF: 6271.0/41

All: -59.143+/-0.119 χ^2/NDF: 12053.9/83

- sign -59.230+/-0.169 χ^2/NDF: 5782.4/41

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: -19.902+/-0.153 χ^2/NDF:1904.7/24

Right Out: -10.765+/-0.554 χ^2/NDF: 366.6/18

Left In: -20.412+/-0.156 χ^2/NDF:2345.4/22

+ sign -19.299+/-0.147 χ^2/NDF: 2575.0/41

All: -19.495+/-0.105 χ^2/NDF: 5572.0/83

- sign -19.701+/-0.150 χ^2/NDF: 2993.3/41

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: 0.239+/-0.007 χ^2/NDF:93.5/24

Right Out: -0.478+/-0.029 χ^2/NDF: 631.2/18

Left In: 0.243+/-0.007 χ^2/NDF:139.2/22

+ sign 0.205+/-0.007 χ^2/NDF: 836.5/41

All: 0.203+/-0.005 χ^2/NDF: 2208.5/83

- sign 0.201+/-0.007 χ^2/NDF: 1371.7/41

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: 15.298+/-0.101 χ^2/NDF:19135.0/24

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

Left In: 15.268+/-0.102 χ^2/NDF:16406.3/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 15.283+/-0.072 χ^2/NDF: 35541.3/47

- 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: 3.717+/-0.079 χ^2/NDF:9201.0/24

Right Out: 8.454+/-0.213 χ^2/NDF: 6704.4/18

Left In: 3.327+/-0.081 χ^2/NDF:8830.5/22

+ sign 4.230+/-0.074 χ^2/NDF: 14925.5/41

All: 4.104+/-0.053 χ^2/NDF: 30971.1/83

- sign 3.973+/-0.076 χ^2/NDF: 16039.7/41

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: 9.220+/-0.101 χ^2/NDF:13617.0/24

Right Out: 10.337+/-0.416 χ^2/NDF: 2281.8/18

Left In: 9.420+/-0.102 χ^2/NDF:12078.1/22

+ sign 9.130+/-0.098 χ^2/NDF: 15956.2/41

All: 9.300+/-0.070 χ^2/NDF: 30326.8/83

- sign 9.472+/-0.099 χ^2/NDF: 14364.6/41

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: -71.379+/-0.089 χ^2/NDF:16226.2/24

Right Out: -102.354+/-0.246 χ^2/NDF: 6078.9/18

Left In: -69.999+/-0.091 χ^2/NDF:13188.0/22

+ sign -74.762+/-0.084 χ^2/NDF: 33160.8/41

All: -74.348+/-0.060 χ^2/NDF: 67652.9/83

- sign -73.918+/-0.086 χ^2/NDF: 34442.6/41

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: 0.425+/-0.004 χ^2/NDF:2866.9/24

Right Out: 0.175+/-0.013 χ^2/NDF: 966.7/18

Left In: 0.395+/-0.004 χ^2/NDF:4063.1/22

+ sign 0.412+/-0.004 χ^2/NDF: 3628.2/41

All: 0.394+/-0.003 χ^2/NDF: 8945.3/83

- sign 0.376+/-0.004 χ^2/NDF: 5274.1/41

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug

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

Left Out: -24.824+/-0.140 χ^2/NDF:18274.6/24

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

Left In: -24.635+/-0.142 χ^2/NDF:14947.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -24.731+/-0.100 χ^2/NDF: 33223.4/47

- 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: 0.218+/-0.109 χ^2/NDF:8252.6/24

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

Left In: 0.507+/-0.112 χ^2/NDF:6626.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.358+/-0.078 χ^2/NDF: 14883.0/47

- 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: -27.977+/-0.140 χ^2/NDF:17079.0/24

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

Left In: -27.796+/-0.142 χ^2/NDF:15193.3/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -27.888+/-0.100 χ^2/NDF: 32273.2/47

- 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: 79.364+/-0.123 χ^2/NDF:5966.3/24

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

Left In: 78.367+/-0.126 χ^2/NDF:4735.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 78.877+/-0.088 χ^2/NDF: 10733.6/47

- 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: -0.115+/-0.006 χ^2/NDF:2288.7/24

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

Left In: -0.085+/-0.006 χ^2/NDF:3148.4/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.100+/-0.004 χ^2/NDF: 5450.5/47

- 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: -29.227+/-0.157 χ^2/NDF:16880.0/24

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

Left In: -28.857+/-0.159 χ^2/NDF:13553.6/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -29.044+/-0.112 χ^2/NDF: 30436.3/47

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug

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

Left Out: 3.126+/-0.125 χ^2/NDF:8049.0/24

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

Left In: 3.224+/-0.127 χ^2/NDF:6274.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3.174+/-0.089 χ^2/NDF: 14323.3/47

- 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: -51.610+/-0.158 χ^2/NDF:19384.9/24

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

Left In: -50.954+/-0.159 χ^2/NDF:17472.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -51.285+/-0.112 χ^2/NDF: 36865.6/47

- 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: 54.407+/-0.141 χ^2/NDF:6200.4/24

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

Left In: 53.704+/-0.143 χ^2/NDF:4603.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 54.060+/-0.100 χ^2/NDF: 10816.3/47

- 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: -0.015+/-0.006 χ^2/NDF:1645.9/24

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

Left In: 0.009+/-0.007 χ^2/NDF:2228.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.003+/-0.005 χ^2/NDF: 3881.7/47

- 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: -10.030+/-0.051 χ^2/NDF:12530.2/24

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

Left In: -9.820+/-0.051 χ^2/NDF:9468.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -9.926+/-0.036 χ^2/NDF: 22007.5/47

- 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: 4.499+/-0.041 χ^2/NDF:4809.3/24

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

Left In: 4.388+/-0.041 χ^2/NDF:4266.4/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4.444+/-0.029 χ^2/NDF: 9079.4/47

- 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: -16.965+/-0.051 χ^2/NDF:21902.1/24

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

Left In: -16.764+/-0.051 χ^2/NDF:19037.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -16.865+/-0.036 χ^2/NDF: 40947.4/47

- 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: 8.424+/-0.046 χ^2/NDF:6478.6/24

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

Left In: 8.626+/-0.046 χ^2/NDF:5531.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 8.524+/-0.032 χ^2/NDF: 12020.2/47

- 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: 0.302+/-0.002 χ^2/NDF:1589.8/24

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

Left In: 0.307+/-0.002 χ^2/NDF:1716.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.305+/-0.001 χ^2/NDF: 3309.3/47

- 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: -13.133+/-0.094 χ^2/NDF:5974.5/24

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

Left In: -12.823+/-0.095 χ^2/NDF:4841.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -12.979+/-0.067 χ^2/NDF: 10821.3/47

- 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: 7.034+/-0.077 χ^2/NDF:2657.5/24

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

Left In: 6.906+/-0.077 χ^2/NDF:2442.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 6.970+/-0.055 χ^2/NDF: 5101.7/47

- 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: -40.492+/-0.095 χ^2/NDF:15435.0/24

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

Left In: -40.091+/-0.095 χ^2/NDF:14103.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -40.292+/-0.067 χ^2/NDF: 29547.4/47

- 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: -15.254+/-0.086 χ^2/NDF:2594.4/24

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

Left In: -14.919+/-0.087 χ^2/NDF:2207.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -15.088+/-0.061 χ^2/NDF: 4809.7/47

- 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: 0.411+/-0.004 χ^2/NDF:428.8/24

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

Left In: 0.409+/-0.004 χ^2/NDF:561.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.410+/-0.003 χ^2/NDF: 990.8/47

- 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: 17.393+/-0.087 χ^2/NDF:16305.7/24

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

Left In: 17.271+/-0.088 χ^2/NDF:12892.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 17.333+/-0.062 χ^2/NDF: 29198.9/47

- 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: 0.639+/-0.070 χ^2/NDF:8514.9/24

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

Left In: 0.519+/-0.071 χ^2/NDF:6776.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.580+/-0.050 χ^2/NDF: 15293.1/47

- 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: 29.110+/-0.088 χ^2/NDF:18845.8/24

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

Left In: 28.728+/-0.089 χ^2/NDF:17037.4/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 28.921+/-0.062 χ^2/NDF: 35892.6/47

- 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: -29.134+/-0.078 χ^2/NDF:8998.0/24

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

Left In: -28.645+/-0.080 χ^2/NDF:6693.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -28.893+/-0.056 χ^2/NDF: 15710.7/47

- 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: 0.173+/-0.004 χ^2/NDF:1468.8/24

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

Left In: 0.160+/-0.004 χ^2/NDF:2063.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.167+/-0.003 χ^2/NDF: 3539.9/47

- 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: 13.181+/-0.075 χ^2/NDF:17039.3/24

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

Left In: 13.228+/-0.077 χ^2/NDF:14126.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 13.204+/-0.054 χ^2/NDF: 31165.6/47

- 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: 3.372+/-0.059 χ^2/NDF:8053.7/24

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

Left In: 3.071+/-0.060 χ^2/NDF:7269.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3.226+/-0.042 χ^2/NDF: 15335.5/47

- 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: 4.557+/-0.076 χ^2/NDF:13588.4/24

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

Left In: 4.741+/-0.076 χ^2/NDF:11418.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4.648+/-0.054 χ^2/NDF: 25009.5/47

- 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: -54.139+/-0.067 χ^2/NDF:8301.1/24

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

Left In: -53.330+/-0.068 χ^2/NDF:6940.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -53.745+/-0.048 χ^2/NDF: 15313.2/47

- 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: 0.277+/-0.003 χ^2/NDF:2606.0/24

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

Left In: 0.256+/-0.003 χ^2/NDF:3644.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.266+/-0.002 χ^2/NDF: 6273.6/47

- 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: -0.046+/-0.066 χ^2/NDF:2628.9/24

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

Left In: -0.312+/-0.067 χ^2/NDF:2252.6/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.177+/-0.047 χ^2/NDF: 4889.5/47

- 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: -2.283+/-0.054 χ^2/NDF:1132.1/24

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

Left In: -2.190+/-0.055 χ^2/NDF:1785.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -2.237+/-0.039 χ^2/NDF: 2918.6/47

- 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: 20.865+/-0.067 χ^2/NDF:6608.4/24

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

Left In: 20.780+/-0.067 χ^2/NDF:5988.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 20.823+/-0.047 χ^2/NDF: 12597.2/47

- 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: 40.154+/-0.060 χ^2/NDF:5861.6/24

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

Left In: 39.632+/-0.061 χ^2/NDF:5343.3/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 39.896+/-0.043 χ^2/NDF: 11241.6/47

- 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: -0.255+/-0.003 χ^2/NDF:1417.7/24

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

Left In: -0.239+/-0.003 χ^2/NDF:1750.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.247+/-0.002 χ^2/NDF: 3184.5/47

- 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: -2.156+/-0.026 χ^2/NDF:24501.3/24

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

Left In: -2.058+/-0.026 χ^2/NDF:23343.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -2.107+/-0.018 χ^2/NDF: 47852.3/47

- 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: -0.331+/-0.021 χ^2/NDF:12552.3/24

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

Left In: -0.255+/-0.021 χ^2/NDF:14162.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.293+/-0.015 χ^2/NDF: 26721.1/47

- 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: -4.734+/-0.026 χ^2/NDF:13188.7/24

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

Left In: -4.764+/-0.026 χ^2/NDF:14163.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -4.749+/-0.018 χ^2/NDF: 27352.6/47

- 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: 16.536+/-0.023 χ^2/NDF:53546.9/24

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

Left In: 16.069+/-0.023 χ^2/NDF:42736.3/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 16.306+/-0.016 χ^2/NDF: 96483.6/47

- 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: -0.145+/-0.001 χ^2/NDF:3755.1/24

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

Left In: -0.137+/-0.001 χ^2/NDF:5383.4/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.141+/-0.001 χ^2/NDF: 9167.1/47

- 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: -11.823+/-0.070 χ^2/NDF:17277.3/24

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

Left In: -11.580+/-0.071 χ^2/NDF:14243.6/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -11.703+/-0.050 χ^2/NDF: 31526.7/47

- 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: 3.770+/-0.056 χ^2/NDF:7420.4/24

Right Out: 0.209+/-0.175 χ^2/NDF: 273.5/18

Left In: 3.755+/-0.056 χ^2/NDF:5655.2/22

+ sign 3.460+/-0.053 χ^2/NDF: 8029.9/41

All: 3.440+/-0.038 χ^2/NDF: 14332.1/83

- sign 3.420+/-0.054 χ^2/NDF: 6301.9/41

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug

Right In: -26.012+/-0.300 χ^2/NDF: 692.9/16

Left Out: -22.540+/-0.071 χ^2/NDF:19751.6/24

Right Out: -26.829+/-0.297 χ^2/NDF: 581.6/18

Left In: -22.258+/-0.071 χ^2/NDF:17838.4/22

+ sign -22.723+/-0.069 χ^2/NDF: 20571.8/41

All: -22.616+/-0.049 χ^2/NDF: 39219.9/83

- sign -22.507+/-0.069 χ^2/NDF: 18643.2/41

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug

Right In: 16.253+/-0.191 χ^2/NDF: 7611.3/16

Left Out: 25.216+/-0.063 χ^2/NDF:3738.3/24

Right Out: 15.318+/-0.197 χ^2/NDF: 7280.1/18

Left In: 25.005+/-0.064 χ^2/NDF:2733.7/22

+ sign 24.343+/-0.060 χ^2/NDF: 13336.6/41

All: 24.219+/-0.042 χ^2/NDF: 25549.1/83

- sign 24.090+/-0.061 χ^2/NDF: 12203.6/41

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug

Right In: -0.036+/-0.010 χ^2/NDF: 1014.5/16

Left Out: 0.159+/-0.003 χ^2/NDF:1856.8/24

Right Out: -0.132+/-0.010 χ^2/NDF: 1171.3/18

Left In: 0.169+/-0.003 χ^2/NDF:2430.7/22

+ sign 0.145+/-0.003 χ^2/NDF: 3202.0/41

All: 0.146+/-0.002 χ^2/NDF: 7587.6/83

- sign 0.147+/-0.003 χ^2/NDF: 4385.3/41

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug

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

Left Out: -27.447+/-0.137 χ^2/NDF:14820.6/24

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

Left In: -27.114+/-0.139 χ^2/NDF:11443.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -27.283+/-0.097 χ^2/NDF: 26267.3/47

- 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: 3.873+/-0.109 χ^2/NDF:6906.0/24

Right Out: -4.694+/-0.427 χ^2/NDF: 298.3/18

Left In: 3.861+/-0.111 χ^2/NDF:5438.4/22

+ sign 3.408+/-0.106 χ^2/NDF: 7454.4/41

All: 3.365+/-0.075 χ^2/NDF: 13568.1/83

- sign 3.320+/-0.107 χ^2/NDF: 6113.3/41

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug

Right In: -62.887+/-0.738 χ^2/NDF: 368.7/16

Left Out: -46.213+/-0.138 χ^2/NDF:19981.0/24

Right Out: -64.502+/-0.751 χ^2/NDF: 444.1/18

Left In: -45.616+/-0.139 χ^2/NDF:17743.8/22

+ sign -46.778+/-0.136 χ^2/NDF: 20843.0/41

All: -46.512+/-0.096 χ^2/NDF: 39649.6/83

- sign -46.243+/-0.137 χ^2/NDF: 18798.9/41

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug

Right In: 28.425+/-0.457 χ^2/NDF: 3330.3/16

Left Out: 37.298+/-0.123 χ^2/NDF:3113.0/24

Right Out: 27.441+/-0.479 χ^2/NDF: 3033.0/18

Left In: 37.079+/-0.125 χ^2/NDF:2405.4/22

+ sign 36.698+/-0.119 χ^2/NDF: 6794.7/41

All: 36.584+/-0.085 χ^2/NDF: 12614.6/83

- sign 36.467+/-0.121 χ^2/NDF: 5818.1/41

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug

Right In: -0.326+/-0.025 χ^2/NDF: 1013.0/16

Left Out: 0.130+/-0.006 χ^2/NDF:1419.7/24

Right Out: -0.510+/-0.026 χ^2/NDF: 1169.4/18

Left In: 0.149+/-0.006 χ^2/NDF:1813.7/22

+ sign 0.108+/-0.006 χ^2/NDF: 2752.2/41

All: 0.113+/-0.004 χ^2/NDF: 6362.8/83

- sign 0.118+/-0.006 χ^2/NDF: 3609.1/41

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: 7.766+/-0.034 χ^2/NDF:11703.8/24

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

Left In: 7.719+/-0.035 χ^2/NDF:8490.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 7.743+/-0.025 χ^2/NDF: 20195.2/47

- 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: -0.069+/-0.028 χ^2/NDF:6033.5/24

Right Out: 2.365+/-0.123 χ^2/NDF: 336.4/18

Left In: -0.079+/-0.028 χ^2/NDF:4989.1/22

+ sign 0.035+/-0.027 χ^2/NDF: 6583.1/41

All: 0.039+/-0.019 χ^2/NDF: 12285.9/83

- sign 0.043+/-0.027 χ^2/NDF: 5702.7/41

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: 11.830+/-0.035 χ^2/NDF:19032.5/24

Right Out: 17.929+/-0.219 χ^2/NDF: 506.3/18

Left In: 11.683+/-0.035 χ^2/NDF:16927.3/22

+ sign 11.976+/-0.034 χ^2/NDF: 20077.9/41

All: 11.908+/-0.024 χ^2/NDF: 38313.1/83

- sign 11.839+/-0.035 χ^2/NDF: 18227.3/41

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+/-0.031 χ^2/NDF:2649.3/24

Right Out: -4.459+/-0.137 χ^2/NDF: 1338.9/18

Left In: -6.050+/-0.032 χ^2/NDF:2303.3/22

+ sign -5.977+/-0.030 χ^2/NDF: 4372.2/41

All: -5.973+/-0.022 χ^2/NDF: 8142.5/83

- sign -5.969+/-0.031 χ^2/NDF: 3770.3/41

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: 0.014+/-0.001 χ^2/NDF:950.9/24

Right Out: 0.182+/-0.007 χ^2/NDF: 1007.8/18

Left In: 0.010+/-0.001 χ^2/NDF:1224.5/22

+ sign 0.019+/-0.001 χ^2/NDF: 2332.1/41

All: 0.018+/-0.001 χ^2/NDF: 5085.6/83

- sign 0.016+/-0.001 χ^2/NDF: 2751.4/41

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug

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

Left Out: -19.642+/-0.103 χ^2/NDF:15730.6/24

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

Left In: -19.355+/-0.105 χ^2/NDF:12417.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -19.501+/-0.074 χ^2/NDF: 28151.5/47

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug

Right In: -1.220+/-0.290 χ^2/NDF: 278.6/16

Left Out: 3.811+/-0.082 χ^2/NDF:7118.3/24

Right Out: -2.302+/-0.302 χ^2/NDF: 286.2/18

Left In: 3.795+/-0.083 χ^2/NDF:5534.4/22

+ sign 3.436+/-0.079 χ^2/NDF: 7675.4/41

All: 3.401+/-0.056 χ^2/NDF: 13874.2/83

- sign 3.365+/-0.080 χ^2/NDF: 6198.4/41

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug

Right In: -44.908+/-0.523 χ^2/NDF: 421.2/16

Left Out: -34.389+/-0.104 χ^2/NDF:20032.2/24

Right Out: -46.071+/-0.528 χ^2/NDF: 454.0/18

Left In: -33.946+/-0.105 χ^2/NDF:17855.4/22

+ sign -34.791+/-0.102 χ^2/NDF: 20843.2/41

All: -34.600+/-0.072 χ^2/NDF: 39666.6/83

- sign -34.406+/-0.103 χ^2/NDF: 18816.3/41

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug

Right In: 23.073+/-0.326 χ^2/NDF: 4346.0/16

Left Out: 31.252+/-0.093 χ^2/NDF:3305.3/24

Right Out: 22.122+/-0.340 χ^2/NDF: 4034.4/18

Left In: 31.040+/-0.094 χ^2/NDF:2488.6/22

+ sign 30.642+/-0.089 χ^2/NDF: 8233.8/41

All: 30.527+/-0.063 χ^2/NDF: 15399.8/83

- sign 30.408+/-0.090 χ^2/NDF: 7162.7/41

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug

Right In: -0.182+/-0.018 χ^2/NDF: 998.1/16

Left Out: 0.145+/-0.004 χ^2/NDF:1572.6/24

Right Out: -0.323+/-0.018 χ^2/NDF: 1184.5/18

Left In: 0.159+/-0.004 χ^2/NDF:2020.5/22

+ sign 0.127+/-0.004 χ^2/NDF: 2892.7/41

All: 0.130+/-0.003 χ^2/NDF: 6766.9/83

- sign 0.133+/-0.004 χ^2/NDF: 3872.9/41

reg_asym_atl1_diff_bpm1X_slope vs Slug

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

Left Out: -8.375+/-0.500 χ^2/NDF:2224.0/24

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

Left In: -8.995+/-0.505 χ^2/NDF:2308.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -8.682+/-0.355 χ^2/NDF: 4533.0/47

- 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: 4.494+/-0.393 χ^2/NDF:372.1/24

Right Out: 19.604+/-0.898 χ^2/NDF: 242.0/18

Left In: 5.699+/-0.403 χ^2/NDF:329.1/22

+ sign 6.619+/-0.356 χ^2/NDF: 1057.3/41

All: 7.302+/-0.256 χ^2/NDF: 1835.4/83

- sign 8.030+/-0.368 χ^2/NDF: 770.5/41

reg_asym_atl1_diff_bpm4eX_slope vs Slug

Right In: 75.009+/-1.636 χ^2/NDF: 1999.3/16

Left Out: 43.840+/-0.499 χ^2/NDF:3680.9/24

Right Out: 93.140+/-1.711 χ^2/NDF: 2002.3/18

Left In: 45.559+/-0.502 χ^2/NDF:3152.4/22

+ sign 46.493+/-0.477 χ^2/NDF: 6012.3/41

All: 47.900+/-0.339 χ^2/NDF: 11896.4/83

- sign 49.336+/-0.482 χ^2/NDF: 5866.5/41

reg_asym_atl1_diff_bpm4eY_slope vs Slug

Right In: -33.005+/-0.972 χ^2/NDF: 493.1/16

Left Out: -10.267+/-0.445 χ^2/NDF:553.7/24

Right Out: -36.260+/-1.025 χ^2/NDF: 297.1/18

Left In: -11.875+/-0.455 χ^2/NDF:668.4/22

+ sign -14.208+/-0.405 χ^2/NDF: 1499.4/41

All: -15.023+/-0.290 χ^2/NDF: 2945.9/83

- sign -15.883+/-0.416 χ^2/NDF: 1438.1/41

reg_asym_atl1_diff_bpm12X_slope vs Slug

Right In: -8.751+/-0.059 χ^2/NDF: 576012.4/16

Left Out: -17.411+/-0.020 χ^2/NDF:320231.3/24

Right Out: -13.143+/-0.062 χ^2/NDF: 558628.0/18

Left In: -17.552+/-0.021 χ^2/NDF:261900.3/22

+ sign -16.478+/-0.019 χ^2/NDF: 915595.4/41

All: -16.791+/-0.014 χ^2/NDF: 1741244.2/83

- sign -17.111+/-0.020 χ^2/NDF: 825118.6/41

reg_asym_atl2_diff_bpm1X_slope vs Slug

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

Left Out: -398.556+/-1.962 χ^2/NDF:5659.5/24

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

Left In: -417.080+/-1.997 χ^2/NDF:3958.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -407.653+/-1.399 χ^2/NDF: 9661.9/47

- 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: 0.697+/-1.510 χ^2/NDF:349.9/24

Right Out: 1.265+/-1.920 χ^2/NDF: 303.7/18

Left In: -0.052+/-1.571 χ^2/NDF:264.1/22

+ sign -1.047+/-1.179 χ^2/NDF: 667.7/41

All: -0.308+/-0.847 χ^2/NDF: 1236.6/83

- sign 0.476+/-1.216 χ^2/NDF: 568.1/41

reg_asym_atl2_diff_bpm4eX_slope vs Slug

Right In: 478.526+/-3.630 χ^2/NDF: 1629.0/16

Left Out: 342.368+/-1.970 χ^2/NDF:5181.7/24

Right Out: 474.328+/-3.533 χ^2/NDF: 2287.1/18

Left In: 360.355+/-1.996 χ^2/NDF:3449.9/22

+ sign 373.340+/-1.731 χ^2/NDF: 7897.6/41

All: 380.607+/-1.226 χ^2/NDF: 14459.0/83

- sign 387.926+/-1.737 χ^2/NDF: 6526.1/41

reg_asym_atl2_diff_bpm4eY_slope vs Slug

Right In: 117.585+/-2.193 χ^2/NDF: 706.9/16

Left Out: 132.762+/-1.736 χ^2/NDF:749.6/24

Right Out: 109.400+/-2.210 χ^2/NDF: 571.2/18

Left In: 139.828+/-1.790 χ^2/NDF:321.7/22

+ sign 126.916+/-1.361 χ^2/NDF: 1485.9/41

All: 127.336+/-0.973 χ^2/NDF: 2493.5/83

- sign 127.775+/-1.391 χ^2/NDF: 1007.4/41

reg_asym_atl2_diff_bpm12X_slope vs Slug

Right In: -216.796+/-0.136 χ^2/NDF: 146976.1/16

Left Out: -257.067+/-0.082 χ^2/NDF:665762.3/24

Right Out: -212.869+/-0.130 χ^2/NDF: 116393.6/18

Left In: -268.305+/-0.083 χ^2/NDF:264853.3/22

+ sign -246.236+/-0.070 χ^2/NDF: 877169.3/41

All: -249.229+/-0.050 χ^2/NDF: 1390756.5/83

- sign -252.205+/-0.070 χ^2/NDF: 509977.7/41

reg_asym_atr1_diff_bpm1X_slope vs Slug

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

Left Out: -50.802+/-0.574 χ^2/NDF:752.7/24

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

Left In: -49.728+/-0.581 χ^2/NDF:601.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -50.272+/-0.408 χ^2/NDF: 1355.3/47

- 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: 9.483+/-0.447 χ^2/NDF:133.0/24

Right Out: 18.882+/-0.864 χ^2/NDF: 198.4/18

Left In: 9.289+/-0.461 χ^2/NDF:125.6/22

+ sign 11.206+/-0.401 χ^2/NDF: 413.5/41

All: 11.306+/-0.285 χ^2/NDF: 833.6/83

- sign 11.410+/-0.406 χ^2/NDF: 420.0/41

reg_asym_atr1_diff_bpm4eX_slope vs Slug

Right In: 50.482+/-1.668 χ^2/NDF: 357.9/16

Left Out: -7.007+/-0.572 χ^2/NDF:899.2/24

Right Out: 44.222+/-1.602 χ^2/NDF: 534.4/18

Left In: -8.158+/-0.578 χ^2/NDF:753.9/22

+ sign -0.959+/-0.541 χ^2/NDF: 2320.1/41

All: -1.544+/-0.383 χ^2/NDF: 4556.4/83

- sign -2.134+/-0.543 χ^2/NDF: 2233.9/41

reg_asym_atr1_diff_bpm4eY_slope vs Slug

Right In: -33.292+/-1.033 χ^2/NDF: 289.1/16

Left Out: -16.727+/-0.508 χ^2/NDF:223.3/24

Right Out: -35.566+/-0.992 χ^2/NDF: 287.6/18

Left In: -17.100+/-0.520 χ^2/NDF:328.1/22

+ sign -19.950+/-0.456 χ^2/NDF: 719.5/41

All: -20.510+/-0.324 χ^2/NDF: 1609.8/83

- sign -21.083+/-0.461 χ^2/NDF: 887.2/41

reg_asym_atr1_diff_bpm12X_slope vs Slug

Right In: -21.476+/-0.059 χ^2/NDF: 49009.8/16

Left Out: -19.915+/-0.023 χ^2/NDF:141090.6/24

Right Out: -18.506+/-0.057 χ^2/NDF: 80734.5/18

Left In: -19.068+/-0.024 χ^2/NDF:92702.3/22

+ sign -20.128+/-0.022 χ^2/NDF: 190711.6/41

All: -19.561+/-0.015 χ^2/NDF: 365607.5/83

- sign -18.987+/-0.022 χ^2/NDF: 173518.9/41

reg_asym_atr2_diff_bpm1X_slope vs Slug

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

Left Out: -391.476+/-1.973 χ^2/NDF:2708.6/24

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

Left In: -393.904+/-1.998 χ^2/NDF:2280.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -392.674+/-1.404 χ^2/NDF: 4990.1/47

- 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: -4.635+/-1.467 χ^2/NDF:771.4/24

Right Out: -9.417+/-2.613 χ^2/NDF: 369.6/18

Left In: -5.906+/-1.513 χ^2/NDF:657.5/22

+ sign -7.494+/-1.298 χ^2/NDF: 1152.7/41

All: -7.144+/-0.922 χ^2/NDF: 2181.3/83

- sign -6.787+/-1.310 χ^2/NDF: 1028.5/41

reg_asym_atr2_diff_bpm4eX_slope vs Slug

Right In: 675.871+/-5.037 χ^2/NDF: 2586.4/16

Left Out: 496.535+/-1.971 χ^2/NDF:2589.1/24

Right Out: 645.014+/-4.761 χ^2/NDF: 3123.3/18

Left In: 496.393+/-1.985 χ^2/NDF:2295.8/22

+ sign 520.350+/-1.836 χ^2/NDF: 6274.7/41

All: 519.379+/-1.297 χ^2/NDF: 12524.5/83

- sign 518.412+/-1.832 χ^2/NDF: 6249.2/41

reg_asym_atr2_diff_bpm4eY_slope vs Slug

Right In: 175.341+/-3.203 χ^2/NDF: 638.5/16

Left Out: 141.430+/-1.704 χ^2/NDF:957.7/24

Right Out: 149.966+/-3.045 χ^2/NDF: 693.2/18

Left In: 141.248+/-1.744 χ^2/NDF:744.2/22

+ sign 148.912+/-1.504 χ^2/NDF: 1683.5/41

All: 146.173+/-1.067 χ^2/NDF: 3133.7/83

- sign 143.401+/-1.513 χ^2/NDF: 1443.5/41

reg_asym_atr2_diff_bpm12X_slope vs Slug

Right In: -238.248+/-0.160 χ^2/NDF: 167125.9/16

Left Out: -263.734+/-0.081 χ^2/NDF:37922.0/24

Right Out: -226.706+/-0.151 χ^2/NDF: 102831.3/18

Left In: -261.325+/-0.082 χ^2/NDF:23449.2/22

+ sign -258.483+/-0.073 χ^2/NDF: 225212.7/41

All: -255.966+/-0.051 χ^2/NDF: 394503.4/83

- sign -253.501+/-0.072 χ^2/NDF: 166911.2/41

reg_asym_atl_avg_diff_bpm1X_slope vs Slug

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

Left Out: -201.261+/-1.065 χ^2/NDF:6110.1/24

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

Left In: -208.981+/-1.078 χ^2/NDF:4865.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -205.075+/-0.758 χ^2/NDF: 11001.2/47

- 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: 2.841+/-0.824 χ^2/NDF:420.6/24

Right Out: 5.534+/-1.071 χ^2/NDF: 239.1/18

Left In: 3.208+/-0.854 χ^2/NDF:323.8/22

+ sign 3.589+/-0.657 χ^2/NDF: 734.8/41

All: 3.846+/-0.468 χ^2/NDF: 1301.0/83

- sign 4.112+/-0.668 χ^2/NDF: 565.8/41

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug

Right In: 201.807+/-1.970 χ^2/NDF: 6754.2/16

Left Out: 189.453+/-1.070 χ^2/NDF:6649.7/24

Right Out: 195.053+/-1.924 χ^2/NDF: 8257.1/18

Left In: 198.762+/-1.078 χ^2/NDF:4590.0/22

+ sign 192.265+/-0.940 χ^2/NDF: 13434.3/41

All: 195.070+/-0.665 χ^2/NDF: 26302.0/83

- sign 197.876+/-0.940 χ^2/NDF: 12849.9/41

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug

Right In: 40.196+/-1.268 χ^2/NDF: 735.0/16

Left Out: 60.287+/-0.945 χ^2/NDF:714.8/24

Right Out: 32.999+/-1.253 χ^2/NDF: 554.1/18

Left In: 62.290+/-0.971 χ^2/NDF:411.6/22

+ sign 53.109+/-0.758 χ^2/NDF: 1611.3/41

All: 52.212+/-0.539 χ^2/NDF: 2921.3/83

- sign 51.291+/-0.768 χ^2/NDF: 1307.2/41

reg_asym_atl_avg_diff_bpm12X_slope vs Slug

Right In: -58.155+/-0.062 χ^2/NDF: 1105509.3/16

Left Out: -135.775+/-0.045 χ^2/NDF:742021.1/24

Right Out: -54.914+/-0.060 χ^2/NDF: 1003885.5/18

Left In: -141.259+/-0.045 χ^2/NDF:350045.9/22

+ sign -109.008+/-0.036 χ^2/NDF: 2888650.3/41

All: -109.618+/-0.026 χ^2/NDF: 5560110.8/83

- sign -110.227+/-0.036 χ^2/NDF: 2670891.6/41

reg_asym_atl_dd_diff_bpm1X_slope vs Slug

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

Left Out: 198.637+/-0.966 χ^2/NDF:4146.6/24

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

Left In: 207.171+/-0.986 χ^2/NDF:2631.6/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 202.817+/-0.690 χ^2/NDF: 6816.4/47

- 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: 2.595+/-0.744 χ^2/NDF:274.3/24

Right Out: 10.908+/-0.916 χ^2/NDF: 302.6/18

Left In: 3.478+/-0.772 χ^2/NDF:194.7/22

+ sign 6.879+/-0.578 χ^2/NDF: 653.3/41

All: 6.724+/-0.413 χ^2/NDF: 1189.2/83

- sign 6.563+/-0.590 χ^2/NDF: 535.7/41

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug

Right In: -201.384+/-1.779 χ^2/NDF: 623.5/16

Left Out: -153.649+/-0.970 χ^2/NDF:2930.9/24

Right Out: -185.739+/-1.700 χ^2/NDF: 1749.3/18

Left In: -160.279+/-0.985 χ^2/NDF:2049.4/22

+ sign -164.581+/-0.852 χ^2/NDF: 4109.2/41

All: -165.628+/-0.602 χ^2/NDF: 8078.8/83

- sign -166.677+/-0.852 χ^2/NDF: 3966.7/41

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug

Right In: -77.877+/-1.066 χ^2/NDF: 658.2/16

Left Out: -73.741+/-0.855 χ^2/NDF:728.3/24

Right Out: -72.612+/-1.054 χ^2/NDF: 606.9/18

Left In: -77.545+/-0.880 χ^2/NDF:252.7/22

+ sign -75.360+/-0.667 χ^2/NDF: 1395.6/41

All: -75.438+/-0.474 χ^2/NDF: 2268.2/83

- sign -75.518+/-0.675 χ^2/NDF: 872.5/41

reg_asym_atl_dd_diff_bpm12X_slope vs Slug

Right In: 103.188+/-0.070 χ^2/NDF: 273587.8/16

Left Out: 122.046+/-0.040 χ^2/NDF:437985.3/24

Right Out: 85.121+/-0.064 χ^2/NDF: 423521.4/18

Left In: 126.605+/-0.041 χ^2/NDF:164757.9/22

+ sign 117.362+/-0.035 χ^2/NDF: 765606.6/41

All: 115.908+/-0.025 χ^2/NDF: 1657444.2/83

- sign 114.506+/-0.034 χ^2/NDF: 888457.3/41

reg_asym_atr_avg_diff_bpm1X_slope vs Slug

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

Left Out: -221.606+/-1.087 χ^2/NDF:2565.8/24

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

Left In: -221.980+/-1.098 χ^2/NDF:2190.6/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -221.791+/-0.773 χ^2/NDF: 4756.5/47

- 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: 2.800+/-0.810 χ^2/NDF:685.5/24

Right Out: 2.127+/-1.402 χ^2/NDF: 232.6/18

Left In: 2.050+/-0.833 χ^2/NDF:592.6/22

+ sign 1.845+/-0.714 χ^2/NDF: 917.9/41

All: 1.957+/-0.506 χ^2/NDF: 1743.1/83

- sign 2.070+/-0.716 χ^2/NDF: 825.2/41

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug

Right In: 372.263+/-2.759 χ^2/NDF: 2433.1/16

Left Out: 244.716+/-1.085 χ^2/NDF:2565.7/24

Right Out: 345.135+/-2.562 χ^2/NDF: 3416.5/18

Left In: 243.933+/-1.090 χ^2/NDF:2294.8/22

+ sign 261.781+/-1.009 χ^2/NDF: 6849.4/41

All: 260.605+/-0.711 χ^2/NDF: 13884.4/83

- sign 259.444+/-1.003 χ^2/NDF: 7032.3/41

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug

Right In: 70.867+/-1.743 χ^2/NDF: 427.0/16

Left Out: 61.575+/-0.939 χ^2/NDF:870.3/24

Right Out: 59.546+/-1.633 χ^2/NDF: 490.9/18

Left In: 61.286+/-0.959 χ^2/NDF:702.8/22

+ sign 63.665+/-0.827 χ^2/NDF: 1319.3/41

All: 62.253+/-0.585 χ^2/NDF: 2519.6/83

- sign 60.840+/-0.827 χ^2/NDF: 1194.5/41

reg_asym_atr_avg_diff_bpm12X_slope vs Slug

Right In: -127.105+/-0.089 χ^2/NDF: 167064.7/16

Left Out: -141.811+/-0.045 χ^2/NDF:77727.6/24

Right Out: -116.369+/-0.083 χ^2/NDF: 167595.6/18

Left In: -140.112+/-0.045 χ^2/NDF:48400.6/22

+ sign -138.860+/-0.040 χ^2/NDF: 266406.3/41

All: -136.769+/-0.028 χ^2/NDF: 551208.9/83

- sign -134.742+/-0.039 χ^2/NDF: 279436.0/41

reg_asym_atr_dd_diff_bpm1X_slope vs Slug

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

Left Out: 167.868+/-0.973 χ^2/NDF:2465.4/24

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

Left In: 170.487+/-0.991 χ^2/NDF:2036.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 169.154+/-0.695 χ^2/NDF: 4505.5/47

- 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: 8.415+/-0.731 χ^2/NDF:750.6/24

Right Out: 14.055+/-1.392 χ^2/NDF: 436.5/18

Left In: 8.730+/-0.757 χ^2/NDF:630.1/22

+ sign 10.573+/-0.655 χ^2/NDF: 1236.1/41

All: 10.263+/-0.467 χ^2/NDF: 2314.5/83

- sign 9.944+/-0.665 χ^2/NDF: 1077.9/41

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug

Right In: -323.721+/-2.668 χ^2/NDF: 1850.8/16

Left Out: -249.759+/-0.975 χ^2/NDF:2232.5/24

Right Out: -310.223+/-2.523 χ^2/NDF: 2300.0/18

Left In: -251.002+/-0.987 χ^2/NDF:1958.3/22

+ sign -258.475+/-0.916 χ^2/NDF: 4761.2/41

All: -258.667+/-0.649 χ^2/NDF: 9497.5/83

- sign -258.860+/-0.919 χ^2/NDF: 4736.2/41

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug

Right In: -105.309+/-1.693 χ^2/NDF: 737.5/16

Left Out: -80.981+/-0.846 χ^2/NDF:911.2/24

Right Out: -93.680+/-1.612 χ^2/NDF: 826.5/18

Left In: -80.803+/-0.870 χ^2/NDF:695.4/22

+ sign -85.841+/-0.757 χ^2/NDF: 1813.9/41

All: -84.786+/-0.538 χ^2/NDF: 3389.2/83

- sign -83.708+/-0.765 χ^2/NDF: 1571.4/41

reg_asym_atr_dd_diff_bpm12X_slope vs Slug

Right In: 108.461+/-0.085 χ^2/NDF: 73302.1/16

Left Out: 121.248+/-0.040 χ^2/NDF:4820.1/24

Right Out: 102.570+/-0.079 χ^2/NDF: 53143.8/18

Left In: 120.834+/-0.041 χ^2/NDF:3372.4/22

+ sign 118.896+/-0.036 χ^2/NDF: 96715.1/41

All: 117.975+/-0.026 χ^2/NDF: 196441.1/83

- sign 117.066+/-0.036 χ^2/NDF: 98448.5/41

reg_asym_at1_avg_diff_bpm1X_slope vs Slug

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

Left Out: -29.182+/-0.389 χ^2/NDF:1880.4/24

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

Left In: -29.073+/-0.394 χ^2/NDF:1872.4/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -29.128+/-0.277 χ^2/NDF: 3752.8/47

- 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: 6.943+/-0.304 χ^2/NDF:322.6/24

Right Out: 20.390+/-0.644 χ^2/NDF: 365.3/18

Left In: 7.666+/-0.313 χ^2/NDF:341.1/22

+ sign 9.121+/-0.275 χ^2/NDF: 1224.2/41

All: 9.597+/-0.196 χ^2/NDF: 2252.8/83

- sign 10.095+/-0.281 χ^2/NDF: 1022.4/41

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug

Right In: 73.071+/-1.228 χ^2/NDF: 1200.0/16

Left Out: 17.841+/-0.388 χ^2/NDF:2399.7/24

Right Out: 78.241+/-1.223 χ^2/NDF: 1542.7/18

Left In: 18.416+/-0.391 χ^2/NDF:2468.4/22

+ sign 22.851+/-0.370 χ^2/NDF: 5439.4/41

All: 23.408+/-0.262 χ^2/NDF: 11627.2/83

- sign 23.974+/-0.373 χ^2/NDF: 6183.2/41

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug

Right In: -33.991+/-0.736 χ^2/NDF: 719.8/16

Left Out: -13.535+/-0.345 χ^2/NDF:574.6/24

Right Out: -36.719+/-0.737 χ^2/NDF: 542.9/18

Left In: -14.815+/-0.353 χ^2/NDF:838.2/22

+ sign -17.212+/-0.312 χ^2/NDF: 1927.5/41

All: -18.043+/-0.223 χ^2/NDF: 4041.9/83

- sign -18.907+/-0.318 χ^2/NDF: 2099.9/41

reg_asym_at1_avg_diff_bpm12X_slope vs Slug

Right In: -16.408+/-0.044 χ^2/NDF: 474368.4/16

Left Out: -18.337+/-0.016 χ^2/NDF:283793.3/24

Right Out: -18.934+/-0.045 χ^2/NDF: 434152.2/18

Left In: -18.135+/-0.016 χ^2/NDF:245650.3/22

+ sign -18.119+/-0.015 χ^2/NDF: 759834.5/41

All: -18.171+/-0.011 χ^2/NDF: 1439938.9/83

- sign -18.224+/-0.015 χ^2/NDF: 680080.2/41

reg_asym_at1_dd_diff_bpm1X_slope vs Slug

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

Left Out: 20.485+/-0.374 χ^2/NDF:615.7/24

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

Left In: 19.612+/-0.379 χ^2/NDF:572.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 20.054+/-0.266 χ^2/NDF: 1191.1/47

- 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: -2.429+/-0.293 χ^2/NDF:103.7/24

Right Out: -0.342+/-0.658 χ^2/NDF: 83.7/18

Left In: -1.791+/-0.301 χ^2/NDF:70.1/22

+ sign -2.092+/-0.267 χ^2/NDF: 231.6/41

All: -1.823+/-0.191 χ^2/NDF: 391.5/83

- sign -1.540+/-0.274 χ^2/NDF: 157.8/41

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug

Right In: 17.328+/-1.239 χ^2/NDF: 943.2/16

Left Out: 26.164+/-0.373 χ^2/NDF:1577.6/24

Right Out: 25.701+/-1.243 χ^2/NDF: 1379.1/18

Left In: 27.725+/-0.377 χ^2/NDF:805.1/22

+ sign 25.430+/-0.357 χ^2/NDF: 2567.4/41

All: 26.482+/-0.254 χ^2/NDF: 4771.5/83

- sign 27.554+/-0.360 χ^2/NDF: 2186.6/41

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug

Right In: -0.059+/-0.744 χ^2/NDF: 76.5/16

Left Out: 3.275+/-0.332 χ^2/NDF:101.8/24

Right Out: 0.326+/-0.749 χ^2/NDF: 55.1/18

Left In: 2.777+/-0.340 χ^2/NDF:66.5/22

+ sign 2.721+/-0.303 χ^2/NDF: 195.1/41

All: 2.543+/-0.217 χ^2/NDF: 326.3/83

- sign 2.358+/-0.310 χ^2/NDF: 130.5/41

reg_asym_at1_dd_diff_bpm12X_slope vs Slug

Right In: 7.454+/-0.044 χ^2/NDF: 356053.3/16

Left Out: 0.898+/-0.015 χ^2/NDF:108195.0/24

Right Out: 3.502+/-0.046 χ^2/NDF: 510579.7/18

Left In: 0.448+/-0.015 χ^2/NDF:50533.6/22

+ sign 1.586+/-0.014 χ^2/NDF: 483744.8/41

All: 1.178+/-0.010 χ^2/NDF: 1050525.3/83

- sign 0.760+/-0.015 χ^2/NDF: 565150.3/41

reg_asym_at2_avg_diff_bpm1X_slope vs Slug

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

Left Out: -395.638+/-1.909 χ^2/NDF:3704.0/24

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

Left In: -409.377+/-1.971 χ^2/NDF:3096.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -402.287+/-1.371 χ^2/NDF: 6825.2/47

- 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: -2.133+/-1.435 χ^2/NDF:562.8/24

Right Out: -5.363+/-2.264 χ^2/NDF: 344.6/18

Left In: -3.290+/-1.517 χ^2/NDF:454.5/22

+ sign -5.018+/-1.219 χ^2/NDF: 918.4/41

All: -4.493+/-0.876 χ^2/NDF: 1718.4/83

- sign -3.932+/-1.260 χ^2/NDF: 799.6/41

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug

Right In: 588.421+/-4.320 χ^2/NDF: 2130.2/16

Left Out: 420.181+/-1.916 χ^2/NDF:3241.0/24

Right Out: 567.451+/-4.137 χ^2/NDF: 2784.8/18

Left In: 431.487+/-1.964 χ^2/NDF:2897.1/22

+ sign 447.822+/-1.751 χ^2/NDF: 6638.4/41

All: 452.102+/-1.246 χ^2/NDF: 13214.0/83

- sign 456.495+/-1.774 χ^2/NDF: 6563.5/41

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug

Right In: 150.891+/-2.674 χ^2/NDF: 634.8/16

Left Out: 137.107+/-1.663 χ^2/NDF:738.9/24

Right Out: 134.381+/-2.620 χ^2/NDF: 584.9/18

Left In: 142.123+/-1.740 χ^2/NDF:463.8/22

+ sign 140.951+/-1.412 χ^2/NDF: 1392.9/41

All: 140.367+/-1.011 χ^2/NDF: 2448.0/83

- sign 139.752+/-1.449 χ^2/NDF: 1054.8/41

reg_asym_at2_avg_diff_bpm12X_slope vs Slug

Right In: -234.341+/-0.148 χ^2/NDF: 145165.1/16

Left Out: -260.729+/-0.080 χ^2/NDF:220125.6/24

Right Out: -226.716+/-0.141 χ^2/NDF: 99440.4/18

Left In: -267.416+/-0.081 χ^2/NDF:98892.0/22

+ sign -254.834+/-0.070 χ^2/NDF: 389876.9/41

All: -256.054+/-0.050 χ^2/NDF: 651117.2/83

- sign -257.288+/-0.070 χ^2/NDF: 260630.8/41

reg_asym_at2_dd_diff_bpm1X_slope vs Slug

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

Left Out: 22.446+/-0.399 χ^2/NDF:4935.8/24

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

Left In: 23.019+/-0.400 χ^2/NDF:2819.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 22.732+/-0.282 χ^2/NDF: 7756.7/47

- 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: -5.639+/-0.316 χ^2/NDF:891.5/24

Right Out: -7.256+/-0.762 χ^2/NDF: 257.3/18

Left In: -6.323+/-0.320 χ^2/NDF:784.4/22

+ sign -5.884+/-0.292 χ^2/NDF: 1179.4/41

All: -6.171+/-0.208 χ^2/NDF: 2224.3/83

- sign -6.463+/-0.295 χ^2/NDF: 1042.9/41

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug

Right In: 117.302+/-1.409 χ^2/NDF: 2161.3/16

Left Out: 57.816+/-0.398 χ^2/NDF:4331.5/24

Right Out: 115.405+/-1.361 χ^2/NDF: 2150.5/18

Left In: 57.226+/-0.398 χ^2/NDF:1860.6/22

+ sign 62.214+/-0.383 χ^2/NDF: 8144.4/41

All: 62.013+/-0.270 χ^2/NDF: 13840.2/83

- sign 61.813+/-0.382 χ^2/NDF: 5695.3/41

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug

Right In: 22.250+/-0.889 χ^2/NDF: 1071.4/16

Left Out: 3.615+/-0.357 χ^2/NDF:2501.2/24

Right Out: 18.395+/-0.872 χ^2/NDF: 1077.1/18

Left In: 3.812+/-0.361 χ^2/NDF:2203.5/22

+ sign 6.199+/-0.331 χ^2/NDF: 3951.0/41

All: 6.072+/-0.235 χ^2/NDF: 7470.8/83

- sign 5.943+/-0.333 χ^2/NDF: 3519.5/41

reg_asym_at2_dd_diff_bpm12X_slope vs Slug

Right In: -6.482+/-0.046 χ^2/NDF: 265804.1/16

Left Out: 4.121+/-0.016 χ^2/NDF:1340176.5/24

Right Out: -2.751+/-0.046 χ^2/NDF: 266291.4/18

Left In: 5.305+/-0.016 χ^2/NDF:1089610.2/22

+ sign 2.937+/-0.015 χ^2/NDF: 1652843.2/41

All: 3.665+/-0.011 χ^2/NDF: 3040764.6/83

- sign 4.390+/-0.015 χ^2/NDF: 1383475.6/41

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug

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

Left Out: -199.957+/-1.082 χ^2/NDF:3220.5/24

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

Left In: -200.276+/-1.093 χ^2/NDF:3013.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -200.115+/-0.769 χ^2/NDF: 6234.3/47

- 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: 0.116+/-0.810 χ^2/NDF:830.1/24

Right Out: -2.548+/-1.399 χ^2/NDF: 218.1/18

Left In: 0.153+/-0.836 χ^2/NDF:719.6/22

+ sign -0.621+/-0.708 χ^2/NDF: 1037.5/41

All: -0.590+/-0.504 χ^2/NDF: 1978.0/83

- sign -0.558+/-0.718 χ^2/NDF: 940.5/41

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug

Right In: 266.624+/-2.477 χ^2/NDF: 7662.7/16

Left Out: 269.181+/-1.081 χ^2/NDF:3148.5/24

Right Out: 261.551+/-2.458 χ^2/NDF: 8208.2/18

Left In: 269.798+/-1.087 χ^2/NDF:3234.9/22

+ sign 268.772+/-0.991 χ^2/NDF: 10812.1/41

All: 268.611+/-0.702 χ^2/NDF: 22264.7/83

- sign 268.448+/-0.994 χ^2/NDF: 11452.5/41

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug

Right In: 62.566+/-1.678 χ^2/NDF: 722.4/16

Left Out: 65.214+/-0.938 χ^2/NDF:1005.7/24

Right Out: 50.526+/-1.643 χ^2/NDF: 657.0/18

Left In: 63.944+/-0.961 χ^2/NDF:803.4/22

+ sign 64.584+/-0.819 χ^2/NDF: 1730.0/41

All: 62.581+/-0.583 χ^2/NDF: 3252.1/83

- sign 60.527+/-0.829 χ^2/NDF: 1510.0/41

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug

Right In: -53.567+/-0.070 χ^2/NDF: 1230233.3/16

Left Out: -140.489+/-0.045 χ^2/NDF:77350.7/24

Right Out: -55.502+/-0.072 χ^2/NDF: 969632.0/18

Left In: -139.406+/-0.045 χ^2/NDF:62878.4/22

+ sign -115.457+/-0.038 χ^2/NDF: 2396927.2/41

All: -115.685+/-0.027 χ^2/NDF: 4409866.9/83

- sign -115.916+/-0.038 χ^2/NDF: 2012866.3/41

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug

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

Left Out: 188.749+/-0.958 χ^2/NDF:1968.6/24

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

Left In: 190.753+/-0.971 χ^2/NDF:1421.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 189.737+/-0.682 χ^2/NDF: 3392.5/47

- 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: 5.851+/-0.714 χ^2/NDF:650.6/24

Right Out: 16.466+/-1.230 χ^2/NDF: 425.9/18

Left In: 6.797+/-0.735 χ^2/NDF:525.8/22

+ sign 9.336+/-0.634 χ^2/NDF: 1148.0/41

All: 9.339+/-0.447 χ^2/NDF: 2145.3/83

- sign 9.341+/-0.631 χ^2/NDF: 997.3/41

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug

Right In: -332.037+/-2.562 χ^2/NDF: 784.9/16

Left Out: -223.752+/-0.958 χ^2/NDF:2021.5/24

Right Out: -275.853+/-2.324 χ^2/NDF: 3362.8/18

Left In: -223.554+/-0.966 χ^2/NDF:1286.5/22

+ sign -237.034+/-0.897 χ^2/NDF: 4373.8/41

All: -234.125+/-0.632 χ^2/NDF: 9475.7/83

- sign -231.251+/-0.892 χ^2/NDF: 5081.1/41

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug

Right In: -110.745+/-1.578 χ^2/NDF: 513.4/16

Left Out: -77.296+/-0.829 χ^2/NDF:844.6/24

Right Out: -88.600+/-1.435 χ^2/NDF: 969.7/18

Left In: -77.777+/-0.847 χ^2/NDF:624.5/22

+ sign -84.530+/-0.734 χ^2/NDF: 1710.3/41

All: -82.539+/-0.517 χ^2/NDF: 3361.4/83

- sign -80.573+/-0.729 χ^2/NDF: 1636.4/41

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug

Right In: 127.179+/-0.089 χ^2/NDF: 188050.9/16

Left Out: 121.972+/-0.039 χ^2/NDF:27431.1/24

Right Out: 82.684+/-0.075 χ^2/NDF: 765716.0/18

Left In: 121.045+/-0.040 χ^2/NDF:7903.5/22

+ sign 122.829+/-0.036 χ^2/NDF: 218340.3/41

All: 117.635+/-0.025 χ^2/NDF: 1235530.4/83

- sign 112.747+/-0.035 χ^2/NDF: 977011.3/41

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug

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

Left Out: -225.905+/-1.083 χ^2/NDF:4669.2/24

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

Left In: -234.328+/-1.104 χ^2/NDF:3591.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -230.037+/-0.773 χ^2/NDF: 8290.7/47

- 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: 5.558+/-0.832 χ^2/NDF:313.4/24

Right Out: 9.505+/-1.074 χ^2/NDF: 231.5/18

Left In: 5.186+/-0.867 χ^2/NDF:243.2/22

+ sign 6.199+/-0.660 χ^2/NDF: 576.1/41

All: 6.536+/-0.472 χ^2/NDF: 1061.1/83

- sign 6.888+/-0.675 χ^2/NDF: 484.5/41

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug

Right In: 269.748+/-2.071 χ^2/NDF: 1374.1/16

Left Out: 168.699+/-1.086 χ^2/NDF:4238.2/24

Right Out: 260.206+/-1.978 χ^2/NDF: 2541.6/18

Left In: 176.711+/-1.102 χ^2/NDF:3234.3/22

+ sign 190.500+/-0.962 χ^2/NDF: 7478.7/41

All: 193.493+/-0.680 χ^2/NDF: 14633.9/83

- sign 196.487+/-0.963 χ^2/NDF: 7135.9/41

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug

Right In: 42.006+/-1.255 χ^2/NDF: 575.6/16

Left Out: 57.343+/-0.956 χ^2/NDF:641.5/24

Right Out: 37.284+/-1.237 χ^2/NDF: 472.6/18

Left In: 60.392+/-0.987 χ^2/NDF:341.2/22

+ sign 51.712+/-0.761 χ^2/NDF: 1311.5/41

All: 51.560+/-0.542 χ^2/NDF: 2338.6/83

- sign 51.403+/-0.772 χ^2/NDF: 1027.0/41

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug

Right In: -117.516+/-0.078 χ^2/NDF: 142016.6/16

Left Out: -138.821+/-0.045 χ^2/NDF:525537.6/24

Right Out: -105.892+/-0.073 χ^2/NDF: 324304.4/18

Left In: -143.726+/-0.046 χ^2/NDF:260994.5/22

+ sign -133.447+/-0.039 χ^2/NDF: 723339.1/41

All: -133.202+/-0.028 χ^2/NDF: 1501957.3/83

- sign -132.962+/-0.039 χ^2/NDF: 778540.8/41

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug

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

Left Out: 174.613+/-0.969 χ^2/NDF:5551.3/24

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

Left In: 184.205+/-0.987 χ^2/NDF:3637.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 179.321+/-0.691 χ^2/NDF: 9236.5/47

- 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: 5.314+/-0.750 χ^2/NDF:345.1/24

Right Out: 9.519+/-1.051 χ^2/NDF: 296.2/18

Left In: 5.483+/-0.779 χ^2/NDF:259.1/22

+ sign 7.747+/-0.612 χ^2/NDF: 724.2/41

All: 7.341+/-0.437 χ^2/NDF: 1289.9/83

- sign 6.915+/-0.626 χ^2/NDF: 564.9/41

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug

Right In: -218.925+/-2.006 χ^2/NDF: 1146.6/16

Left Out: -175.470+/-0.974 χ^2/NDF:5103.8/24

Right Out: -211.968+/-1.924 χ^2/NDF: 1886.2/18

Left In: -184.774+/-0.987 χ^2/NDF:3082.4/22

+ sign -183.758+/-0.876 χ^2/NDF: 6630.2/41

All: -187.089+/-0.620 χ^2/NDF: 11785.8/83

- sign -190.436+/-0.878 χ^2/NDF: 5126.7/41

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug

Right In: -77.342+/-1.219 χ^2/NDF: 817.2/16

Left Out: -76.747+/-0.861 χ^2/NDF:746.8/24

Right Out: -72.836+/-1.209 χ^2/NDF: 672.9/18

Left In: -80.068+/-0.886 χ^2/NDF:286.8/22

+ sign -76.945+/-0.703 χ^2/NDF: 1564.2/41

All: -77.237+/-0.501 χ^2/NDF: 2547.5/83

- sign -77.539+/-0.715 χ^2/NDF: 983.0/41

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug

Right In: 97.452+/-0.073 χ^2/NDF: 94476.4/16

Left Out: 119.448+/-0.041 χ^2/NDF:660075.8/24

Right Out: 87.315+/-0.068 χ^2/NDF: 221837.7/18

Left In: 125.101+/-0.041 χ^2/NDF:222793.3/22

+ sign 114.275+/-0.036 χ^2/NDF: 823489.5/41

All: 114.663+/-0.025 χ^2/NDF: 1493356.1/83

- sign 115.044+/-0.035 χ^2/NDF: 669630.4/41

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: 182.672+/-0.919 χ^2/NDF:3230.7/24

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

Left In: 190.279+/-0.949 χ^2/NDF:2452.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 186.352+/-0.660 χ^2/NDF: 5716.7/47

- 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: 5.425+/-0.693 χ^2/NDF:525.2/24

Right Out: 12.294+/-1.086 χ^2/NDF: 443.7/18

Left In: 6.151+/-0.730 χ^2/NDF:410.6/22

+ sign 8.731+/-0.593 χ^2/NDF: 1005.5/41

All: 8.404+/-0.424 χ^2/NDF: 1882.4/83

- sign 8.063+/-0.606 χ^2/NDF: 876.3/41

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: -201.610+/-0.922 χ^2/NDF:2462.4/24

Right Out: -254.703+/-2.020 χ^2/NDF: 2038.5/18

Left In: -206.700+/-0.946 χ^2/NDF:2134.9/22

+ sign -213.383+/-0.849 χ^2/NDF: 4435.3/41

All: -214.350+/-0.603 χ^2/NDF: 9074.5/83

- sign -215.335+/-0.857 χ^2/NDF: 4636.5/41

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: -76.870+/-0.802 χ^2/NDF:758.7/24

Right Out: -84.124+/-1.259 χ^2/NDF: 782.9/18

Left In: -79.719+/-0.837 χ^2/NDF:415.2/22

+ sign -81.779+/-0.686 χ^2/NDF: 1573.2/41

All: -81.431+/-0.489 χ^2/NDF: 2780.2/83

- sign -81.070+/-0.697 χ^2/NDF: 1206.5/41

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: 121.385+/-0.038 χ^2/NDF:164871.1/24

Right Out: 99.049+/-0.069 χ^2/NDF: 173463.3/18

Left In: 124.714+/-0.039 χ^2/NDF:51750.7/22

+ sign 120.287+/-0.034 χ^2/NDF: 275507.6/41

All: 119.339+/-0.024 χ^2/NDF: 608128.0/83

- sign 118.413+/-0.034 χ^2/NDF: 331114.0/41

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: 21.435+/-0.283 χ^2/NDF:2406.2/24

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

Left In: 22.055+/-0.284 χ^2/NDF:941.3/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 21.743+/-0.200 χ^2/NDF: 3349.9/47

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug

Right In: -4.730+/-0.580 χ^2/NDF: 174.8/16

Left Out: -4.015+/-0.223 χ^2/NDF:731.7/24

Right Out: -4.793+/-0.586 χ^2/NDF: 193.5/18

Left In: -4.069+/-0.227 χ^2/NDF:580.1/22

+ sign -4.107+/-0.208 χ^2/NDF: 907.8/41

All: -4.135+/-0.149 χ^2/NDF: 1682.7/83

- sign -4.164+/-0.212 χ^2/NDF: 774.9/41

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: 42.322+/-0.282 χ^2/NDF:1855.5/24

Right Out: 75.878+/-1.069 χ^2/NDF: 1895.0/18

Left In: 41.755+/-0.283 χ^2/NDF:659.6/22

+ sign 44.039+/-0.273 χ^2/NDF: 4280.0/41

All: 44.014+/-0.193 χ^2/NDF: 7785.9/83

- sign 43.988+/-0.274 χ^2/NDF: 3506.0/41

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: 3.439+/-0.252 χ^2/NDF:1647.7/24

Right Out: 12.071+/-0.665 χ^2/NDF: 543.3/18

Left In: 3.114+/-0.256 χ^2/NDF:1273.1/22

+ sign 4.481+/-0.236 χ^2/NDF: 2258.7/41

All: 4.379+/-0.168 χ^2/NDF: 4233.7/83

- sign 4.274+/-0.239 χ^2/NDF: 1974.5/41

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: 2.497+/-0.012 χ^2/NDF:588138.5/24

Right Out: -0.644+/-0.037 χ^2/NDF: 361625.7/18

Left In: 3.281+/-0.012 χ^2/NDF:409605.3/22

+ sign 2.439+/-0.011 χ^2/NDF: 947826.2/41

All: 2.684+/-0.008 χ^2/NDF: 1730262.7/83

- sign 2.930+/-0.011 χ^2/NDF: 781451.0/41

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: -213.020+/-1.035 χ^2/NDF:3826.2/24

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

Left In: -218.216+/-1.063 χ^2/NDF:3499.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -215.550+/-0.742 χ^2/NDF: 7337.5/47

- 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: 2.786+/-0.780 χ^2/NDF:582.0/24

Right Out: 4.497+/-1.160 χ^2/NDF: 225.4/18

Left In: 2.619+/-0.821 χ^2/NDF:477.6/22

+ sign 2.902+/-0.658 χ^2/NDF: 837.8/41

All: 3.071+/-0.469 χ^2/NDF: 1542.7/83

- sign 3.246+/-0.670 χ^2/NDF: 704.8/41

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug

Right In: 274.079+/-2.191 χ^2/NDF: 5112.0/16

Left Out: 218.389+/-1.038 χ^2/NDF:3696.7/24

Right Out: 256.109+/-2.080 χ^2/NDF: 6444.1/18

Left In: 223.827+/-1.058 χ^2/NDF:3444.7/22

+ sign 228.593+/-0.938 χ^2/NDF: 9336.4/41

All: 229.524+/-0.665 χ^2/NDF: 19418.4/83

- sign 230.466+/-0.943 χ^2/NDF: 10080.0/41

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: 61.240+/-0.903 χ^2/NDF:718.8/24

Right Out: 45.637+/-1.359 χ^2/NDF: 530.8/18

Left In: 62.538+/-0.940 χ^2/NDF:520.0/22

+ sign 59.176+/-0.762 χ^2/NDF: 1371.4/41

All: 58.137+/-0.543 χ^2/NDF: 2530.5/83

- sign 57.067+/-0.773 χ^2/NDF: 1155.3/41

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug

Right In: -91.074+/-0.068 χ^2/NDF: 534647.5/16

Left Out: -139.585+/-0.043 χ^2/NDF:243895.1/24

Right Out: -85.803+/-0.065 χ^2/NDF: 495895.1/18

Left In: -142.326+/-0.044 χ^2/NDF:144642.3/22

+ sign -125.544+/-0.036 χ^2/NDF: 1145231.6/41

All: -125.089+/-0.026 χ^2/NDF: 2304882.8/83

- sign -124.632+/-0.036 χ^2/NDF: 1159336.5/41

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: -1.540+/-0.268 χ^2/NDF:4129.1/24

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

Left In: -2.244+/-0.270 χ^2/NDF:2561.6/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1.890+/-0.190 χ^2/NDF: 6694.2/47

- 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: 1.492+/-0.210 χ^2/NDF:258.3/24

Right Out: 4.670+/-0.474 χ^2/NDF: 185.4/18

Left In: 2.051+/-0.215 χ^2/NDF:275.4/22

+ sign 1.981+/-0.192 χ^2/NDF: 576.5/41

All: 2.234+/-0.137 χ^2/NDF: 1066.1/83

- sign 2.497+/-0.196 χ^2/NDF: 486.1/41

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: -15.140+/-0.267 χ^2/NDF:4451.9/24

Right Out: -50.441+/-0.857 χ^2/NDF: 1324.7/18

Left In: -14.415+/-0.268 χ^2/NDF:2065.7/22

+ sign -18.569+/-0.255 χ^2/NDF: 7355.5/41

All: -18.098+/-0.181 χ^2/NDF: 12361.1/83

- sign -17.623+/-0.256 χ^2/NDF: 4998.7/41

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: 0.133+/-0.238 χ^2/NDF:1146.9/24

Right Out: -12.912+/-0.538 χ^2/NDF: 730.2/18

Left In: -0.036+/-0.242 χ^2/NDF:1027.6/22

+ sign -2.011+/-0.217 χ^2/NDF: 2416.1/41

All: -2.107+/-0.155 χ^2/NDF: 4650.3/83

- sign -2.207+/-0.221 χ^2/NDF: 2233.7/41

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: -2.176+/-0.011 χ^2/NDF:1047394.9/24

Right Out: 7.719+/-0.031 χ^2/NDF: 545085.7/18

Left In: -2.949+/-0.011 χ^2/NDF:770702.4/22

+ sign -0.753+/-0.010 χ^2/NDF: 1577948.6/41

All: -1.265+/-0.007 χ^2/NDF: 3002488.5/83

- sign -1.783+/-0.010 χ^2/NDF: 1419555.1/41

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug

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

Left Out: -18.127+/-0.039 χ^2/NDF:88514.4/24

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

Left In: -16.958+/-0.038 χ^2/NDF:44759.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -17.528+/-0.027 χ^2/NDF: 133736.2/47

- 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: 0.543+/-0.032 χ^2/NDF:7067.6/24

Right Out: 1.123+/-0.058 χ^2/NDF: 946.5/18

Left In: 0.398+/-0.031 χ^2/NDF:6286.3/22

+ sign 0.752+/-0.029 χ^2/NDF: 7966.0/41

All: 0.649+/-0.020 χ^2/NDF: 15345.0/83

- sign 0.555+/-0.027 χ^2/NDF: 7354.1/41

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug

Right In: -2.200+/-0.111 χ^2/NDF: 461.0/16

Left Out: 18.147+/-0.039 χ^2/NDF:77805.7/24

Right Out: -2.520+/-0.099 χ^2/NDF: 903.3/18

Left In: 16.477+/-0.038 χ^2/NDF:41326.5/22

+ sign 15.882+/-0.037 χ^2/NDF: 108352.6/41

All: 14.937+/-0.025 χ^2/NDF: 184038.4/83

- sign 14.077+/-0.035 χ^2/NDF: 74431.5/41

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug

Right In: -1.753+/-0.070 χ^2/NDF: 1345.0/16

Left Out: -1.338+/-0.036 χ^2/NDF:7920.8/24

Right Out: -1.617+/-0.066 χ^2/NDF: 1487.5/18

Left In: -1.129+/-0.034 χ^2/NDF:6778.7/22

+ sign -1.424+/-0.032 χ^2/NDF: 9293.5/41

All: -1.323+/-0.022 χ^2/NDF: 17622.3/83

- sign -1.232+/-0.030 χ^2/NDF: 8309.8/41

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug

Right In: 0.203+/-0.004 χ^2/NDF: 677.2/16

Left Out: 0.112+/-0.002 χ^2/NDF:4459.9/24

Right Out: 0.216+/-0.004 χ^2/NDF: 1067.3/18

Left In: 0.087+/-0.001 χ^2/NDF:3661.4/22

+ sign 0.124+/-0.001 χ^2/NDF: 5563.8/41

All: 0.114+/-0.001 χ^2/NDF: 11435.4/83

- sign 0.105+/-0.001 χ^2/NDF: 5787.4/41

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug

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

Left Out: -18.004+/-0.039 χ^2/NDF:88352.2/24

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

Left In: -16.854+/-0.038 χ^2/NDF:44680.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -17.415+/-0.027 χ^2/NDF: 133485.7/47

- 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: 0.511+/-0.032 χ^2/NDF:7053.0/24

Right Out: 1.092+/-0.058 χ^2/NDF: 952.1/18

Left In: 0.361+/-0.030 χ^2/NDF:6273.5/22

+ sign 0.721+/-0.028 χ^2/NDF: 7954.9/41

All: 0.615+/-0.020 χ^2/NDF: 15331.9/83

- sign 0.519+/-0.027 χ^2/NDF: 7350.3/41

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug

Right In: -1.977+/-0.110 χ^2/NDF: 463.8/16

Left Out: 18.023+/-0.039 χ^2/NDF:77674.0/24

Right Out: -2.294+/-0.098 χ^2/NDF: 906.6/18

Left In: 16.377+/-0.037 χ^2/NDF:41253.5/22

+ sign 15.806+/-0.037 χ^2/NDF: 107508.9/41

All: 14.873+/-0.025 χ^2/NDF: 182357.0/83

- sign 14.024+/-0.035 χ^2/NDF: 73610.1/41

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug

Right In: -1.726+/-0.070 χ^2/NDF: 1341.5/16

Left Out: -1.297+/-0.036 χ^2/NDF:7903.2/24

Right Out: -1.584+/-0.065 χ^2/NDF: 1492.8/18

Left In: -1.081+/-0.034 χ^2/NDF:6764.0/22

+ sign -1.386+/-0.032 χ^2/NDF: 9274.4/41

All: -1.281+/-0.022 χ^2/NDF: 17598.6/83

- sign -1.187+/-0.030 χ^2/NDF: 8303.6/41

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug

Right In: 0.200+/-0.004 χ^2/NDF: 662.5/16

Left Out: 0.111+/-0.002 χ^2/NDF:4452.0/24

Right Out: 0.213+/-0.004 χ^2/NDF: 1050.9/18

Left In: 0.087+/-0.001 χ^2/NDF:3631.4/22

+ sign 0.122+/-0.001 χ^2/NDF: 5520.4/41

All: 0.113+/-0.001 χ^2/NDF: 11301.4/83

- sign 0.104+/-0.001 χ^2/NDF: 5701.0/41

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug

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

Left Out: -18.112+/-0.039 χ^2/NDF:88488.2/24

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

Left In: -16.945+/-0.038 χ^2/NDF:44756.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -17.514+/-0.027 χ^2/NDF: 133707.4/47

- 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: 0.469+/-0.032 χ^2/NDF:7076.8/24

Right Out: 1.052+/-0.058 χ^2/NDF: 963.3/18

Left In: 0.313+/-0.031 χ^2/NDF:6235.0/22

+ sign 0.675+/-0.029 χ^2/NDF: 7977.2/41

All: 0.569+/-0.020 χ^2/NDF: 15329.0/83

- sign 0.473+/-0.027 χ^2/NDF: 7325.3/41

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug

Right In: -2.006+/-0.111 χ^2/NDF: 463.3/16

Left Out: 18.098+/-0.039 χ^2/NDF:77793.7/24

Right Out: -2.336+/-0.099 χ^2/NDF: 901.2/18

Left In: 16.431+/-0.038 χ^2/NDF:41337.1/22

+ sign 15.873+/-0.037 χ^2/NDF: 107629.4/41

All: 14.928+/-0.025 χ^2/NDF: 182596.5/83

- sign 14.071+/-0.035 χ^2/NDF: 73710.7/41

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug

Right In: -1.682+/-0.070 χ^2/NDF: 1347.8/16

Left Out: -1.273+/-0.036 χ^2/NDF:7931.0/24

Right Out: -1.563+/-0.066 χ^2/NDF: 1504.7/18

Left In: -1.050+/-0.034 χ^2/NDF:6713.0/22

+ sign -1.357+/-0.032 χ^2/NDF: 9305.7/41

All: -1.252+/-0.022 χ^2/NDF: 17592.1/83

- sign -1.159+/-0.030 χ^2/NDF: 8265.9/41

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug

Right In: 0.201+/-0.004 χ^2/NDF: 691.3/16

Left Out: 0.111+/-0.002 χ^2/NDF:4430.3/24

Right Out: 0.214+/-0.004 χ^2/NDF: 1083.1/18

Left In: 0.087+/-0.001 χ^2/NDF:3604.3/22

+ sign 0.123+/-0.001 χ^2/NDF: 5538.6/41

All: 0.113+/-0.001 χ^2/NDF: 11323.4/83

- sign 0.105+/-0.001 χ^2/NDF: 5708.9/41

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug

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

Left Out: -18.478+/-0.040 χ^2/NDF:87856.5/24

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

Left In: -17.309+/-0.039 χ^2/NDF:43807.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -17.879+/-0.028 χ^2/NDF: 132106.2/47

- 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: 0.522+/-0.033 χ^2/NDF:7038.3/24

Right Out: 1.104+/-0.059 χ^2/NDF: 936.5/18

Left In: 0.373+/-0.031 χ^2/NDF:6263.9/22

+ sign 0.721+/-0.029 χ^2/NDF: 7915.7/41

All: 0.622+/-0.020 χ^2/NDF: 15256.9/83

- sign 0.532+/-0.028 χ^2/NDF: 7319.0/41

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug

Right In: -2.094+/-0.113 χ^2/NDF: 486.5/16

Left Out: 18.463+/-0.040 χ^2/NDF:77193.5/24

Right Out: -2.278+/-0.101 χ^2/NDF: 918.6/18

Left In: 16.798+/-0.038 χ^2/NDF:40258.9/22

+ sign 16.167+/-0.038 χ^2/NDF: 107291.7/41

All: 15.235+/-0.026 χ^2/NDF: 180797.5/83

- sign 14.386+/-0.036 χ^2/NDF: 72334.7/41

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug

Right In: -1.696+/-0.072 χ^2/NDF: 1333.3/16

Left Out: -1.341+/-0.037 χ^2/NDF:7886.0/24

Right Out: -1.624+/-0.067 χ^2/NDF: 1467.3/18

Left In: -1.132+/-0.035 χ^2/NDF:6743.4/22

+ sign -1.415+/-0.033 χ^2/NDF: 9238.8/41

All: -1.321+/-0.022 χ^2/NDF: 17507.9/83

- sign -1.236+/-0.031 χ^2/NDF: 8253.3/41

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug

Right In: 0.207+/-0.004 χ^2/NDF: 656.3/16

Left Out: 0.114+/-0.002 χ^2/NDF:4382.5/24

Right Out: 0.211+/-0.004 χ^2/NDF: 1145.7/18

Left In: 0.090+/-0.002 χ^2/NDF:3679.2/22

+ sign 0.126+/-0.002 χ^2/NDF: 5464.5/41

All: 0.116+/-0.001 χ^2/NDF: 11261.6/83

- sign 0.107+/-0.001 χ^2/NDF: 5714.4/41

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug

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

Left Out: -18.565+/-0.040 χ^2/NDF:86349.5/24

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

Left In: -17.335+/-0.039 χ^2/NDF:44078.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -17.934+/-0.028 χ^2/NDF: 130909.9/47

- 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: 0.590+/-0.033 χ^2/NDF:6780.3/24

Right Out: 1.160+/-0.060 χ^2/NDF: 917.0/18

Left In: 0.394+/-0.032 χ^2/NDF:6112.7/22

+ sign 0.794+/-0.029 χ^2/NDF: 7618.8/41

All: 0.671+/-0.020 χ^2/NDF: 14808.8/83

- sign 0.561+/-0.028 χ^2/NDF: 7157.0/41

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug

Right In: -2.350+/-0.114 χ^2/NDF: 439.7/16

Left Out: 18.569+/-0.040 χ^2/NDF:75983.2/24

Right Out: -2.624+/-0.103 χ^2/NDF: 840.4/18

Left In: 16.854+/-0.039 χ^2/NDF:40590.0/22

+ sign 16.256+/-0.038 χ^2/NDF: 106215.9/41

All: 15.310+/-0.026 χ^2/NDF: 180032.8/83

- sign 14.446+/-0.036 χ^2/NDF: 72630.7/41

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug

Right In: -1.779+/-0.072 χ^2/NDF: 1272.1/16

Left Out: -1.397+/-0.037 χ^2/NDF:7631.3/24

Right Out: -1.679+/-0.068 χ^2/NDF: 1429.6/18

Left In: -1.132+/-0.035 χ^2/NDF:6638.3/22

+ sign -1.476+/-0.033 χ^2/NDF: 8925.6/41

All: -1.356+/-0.023 χ^2/NDF: 17069.9/83

- sign -1.247+/-0.031 χ^2/NDF: 8118.9/41

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug

Right In: 0.206+/-0.004 χ^2/NDF: 651.8/16

Left Out: 0.115+/-0.002 χ^2/NDF:4423.4/24

Right Out: 0.223+/-0.004 χ^2/NDF: 1042.2/18

Left In: 0.092+/-0.002 χ^2/NDF:3632.6/22

+ sign 0.127+/-0.002 χ^2/NDF: 5466.4/41

All: 0.118+/-0.001 χ^2/NDF: 11205.2/83

- sign 0.110+/-0.001 χ^2/NDF: 5674.3/41