dit_asym_us_avg_mean vs Slug

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

Left Out: 1877.783+/-220.499 χ^2/NDF:13.4/17

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

Left In: -2009.251+/-222.309 χ^2/NDF:23.1/16

+ sign 1996.400+/-180.572 χ^2/NDF: 25.6/33

All: -10.704+/-127.599 χ^2/NDF: 308.1/68

- sign -2012.457+/-180.331 χ^2/NDF: 35.7/34

dit_asym_us_avg_rms vs Slug

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

Left Out: 812.859+/-0.156 χ^2/NDF:22983.7/17

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

Left In: 813.044+/-0.157 χ^2/NDF:19815.3/16

+ sign 813.242+/-0.128 χ^2/NDF: 65043.6/33

All: 813.492+/-0.090 χ^2/NDF: 104883.5/68

- sign 813.742+/-0.128 χ^2/NDF: 39832.1/34

asym_us_avg_correction_mean vs Slug

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

Left Out: -28.731+/-387.193 χ^2/NDF:23.7/17

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

Left In: -178.293+/-390.065 χ^2/NDF:12.6/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -102.959+/-274.797 χ^2/NDF: 36.4/34

- 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: 1395.940+/-0.274 χ^2/NDF:750754.3/17

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

Left In: 1395.551+/-0.276 χ^2/NDF:1032071.2/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1395.747+/-0.194 χ^2/NDF: 1782826.5/34

- 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: 1696.762+/-443.425 χ^2/NDF:19.5/17

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

Left In: -1776.711+/-446.933 χ^2/NDF:14.6/16

+ sign 2099.568+/-348.339 χ^2/NDF: 35.2/33

All: 64.776+/-247.411 χ^2/NDF: 135.6/68

- sign -2006.707+/-351.465 χ^2/NDF: 31.5/34

asym_us_avg_rms vs Slug

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

Left Out: 1615.347+/-0.314 χ^2/NDF:434092.4/17

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

Left In: 1611.525+/-0.316 χ^2/NDF:649933.4/16

+ sign 1547.952+/-0.246 χ^2/NDF: 832612.4/33

All: 1556.170+/-0.175 χ^2/NDF: 1799052.5/68

- sign 1564.536+/-0.249 χ^2/NDF: 964193.8/34

dit_asym_us_dd_mean vs Slug

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

Left Out: -176.025+/-213.784 χ^2/NDF:18.2/17

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

Left In: 270.251+/-215.788 χ^2/NDF:18.5/16

+ sign -245.428+/-176.567 χ^2/NDF: 26.0/33

All: -44.809+/-124.243 χ^2/NDF: 60.9/68

- sign 151.943+/-174.857 χ^2/NDF: 32.3/34

dit_asym_us_dd_rms vs Slug

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

Left Out: 788.757+/-0.151 χ^2/NDF:8712.2/17

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

Left In: 789.471+/-0.153 χ^2/NDF:8890.4/16

+ sign 792.184+/-0.125 χ^2/NDF: 401514.6/33

All: 790.870+/-0.088 χ^2/NDF: 421800.8/68

- sign 789.582+/-0.124 χ^2/NDF: 20066.9/34

asym_us_dd_correction_mean vs Slug

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

Left Out: -1863.500+/-495.224 χ^2/NDF:16.0/17

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

Left In: 2009.405+/-499.553 χ^2/NDF:19.3/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 56.101+/-351.697 χ^2/NDF: 65.6/34

- 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: 1811.750+/-0.350 χ^2/NDF:294475.4/17

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

Left In: 1809.802+/-0.353 χ^2/NDF:449295.2/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1810.785+/-0.249 χ^2/NDF: 743785.9/34

- 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: 566.046+/-259.304 χ^2/NDF:32.6/17

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

Left In: 277.833+/-261.485 χ^2/NDF:13.6/16

+ sign 366.765+/-222.259 χ^2/NDF: 51.5/33

All: 347.381+/-157.416 χ^2/NDF: 73.6/68

- sign 327.870+/-222.984 χ^2/NDF: 22.1/34

asym_us_dd_rms vs Slug

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

Left Out: 955.943+/-0.183 χ^2/NDF:40662.4/17

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

Left In: 956.083+/-0.185 χ^2/NDF:29816.7/16

+ sign 995.553+/-0.157 χ^2/NDF: 471924.4/33

All: 997.213+/-0.111 χ^2/NDF: 1061378.6/68

- sign 998.884+/-0.158 χ^2/NDF: 589230.4/34

dit_asym_usl_mean vs Slug

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

Left Out: 1692.584+/-307.487 χ^2/NDF:19.9/17

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

Left In: -1723.492+/-310.198 χ^2/NDF:17.3/16

+ sign 1731.203+/-252.442 χ^2/NDF: 26.4/33

All: -72.479+/-178.028 χ^2/NDF: 158.8/68

- sign -1857.077+/-251.103 χ^2/NDF: 30.9/34

dit_asym_usl_rms vs Slug

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

Left Out: 1134.039+/-0.217 χ^2/NDF:14339.1/17

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

Left In: 1134.705+/-0.219 χ^2/NDF:13368.3/16

+ sign 1133.398+/-0.179 χ^2/NDF: 330392.0/33

All: 1133.416+/-0.126 χ^2/NDF: 363576.9/68

- sign 1133.433+/-0.178 χ^2/NDF: 33184.9/34

asym_usl_correction_mean vs Slug

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

Left Out: -831.471+/-415.382 χ^2/NDF:36.0/17

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

Left In: -250.032+/-419.836 χ^2/NDF:9.1/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -543.852+/-295.282 χ^2/NDF: 46.1/34

- 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: 1502.769+/-0.294 χ^2/NDF:652836.7/17

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

Left In: 1508.560+/-0.297 χ^2/NDF:830901.2/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1505.633+/-0.209 χ^2/NDF: 1483930.2/34

- 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: 2323.566+/-518.856 χ^2/NDF:34.7/17

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

Left In: -1444.753+/-524.531 χ^2/NDF:7.4/16

+ sign 2380.926+/-387.972 χ^2/NDF: 45.4/33

All: 380.600+/-275.049 χ^2/NDF: 129.3/68

- sign -1640.625+/-389.993 χ^2/NDF: 30.4/34

asym_usl_rms vs Slug

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

Left Out: 1898.995+/-0.367 χ^2/NDF:290461.5/17

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

Left In: 1901.827+/-0.371 χ^2/NDF:395506.0/16

+ sign 1722.419+/-0.274 χ^2/NDF: 1074660.6/33

All: 1725.824+/-0.194 χ^2/NDF: 2435062.8/68

- sign 1729.264+/-0.276 χ^2/NDF: 1360092.6/34

dit_asym_usr_mean vs Slug

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

Left Out: 2106.075+/-300.359 χ^2/NDF:12.3/18

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

Left In: -2297.335+/-309.468 χ^2/NDF:24.3/16

+ sign 2251.626+/-250.364 χ^2/NDF: 25.3/35

All: 26.274+/-177.092 χ^2/NDF: 221.6/71

- sign -2202.010+/-250.529 χ^2/NDF: 38.1/35

dit_asym_usr_rms vs Slug

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

Left Out: 1134.338+/-0.212 χ^2/NDF:21405.6/18

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

Left In: 1131.995+/-0.219 χ^2/NDF:14963.7/16

+ sign 1143.741+/-0.177 χ^2/NDF: 306397.4/35

All: 1139.380+/-0.125 χ^2/NDF: 335845.2/71

- sign 1135.013+/-0.177 χ^2/NDF: 28233.3/35

asym_usr_correction_mean vs Slug

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

Left Out: 881.709+/-410.460 χ^2/NDF:21.7/18

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

Left In: -143.343+/-422.458 χ^2/NDF:18.2/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 383.946+/-294.389 χ^2/NDF: 42.9/35

- 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: 1525.836+/-0.290 χ^2/NDF:470522.4/18

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

Left In: 1519.264+/-0.299 χ^2/NDF:774001.0/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1522.645+/-0.208 χ^2/NDF: 1244772.4/35

- 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: 1053.877+/-504.829 χ^2/NDF:12.3/18

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

Left In: -2025.471+/-521.308 χ^2/NDF:21.8/16

+ sign 1630.243+/-426.588 χ^2/NDF: 35.4/35

All: -282.237+/-304.916 χ^2/NDF: 110.7/71

- sign -2280.043+/-436.000 χ^2/NDF: 34.2/35

asym_usr_rms vs Slug

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

Left Out: 1894.900+/-0.357 χ^2/NDF:215396.5/18

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

Left In: 1890.836+/-0.369 χ^2/NDF:387334.8/16

+ sign 1936.516+/-0.302 χ^2/NDF: 594265.3/35

All: 1945.890+/-0.216 χ^2/NDF: 1281967.9/71

- sign 1955.682+/-0.308 χ^2/NDF: 685728.0/35

dit_asym_at1_avg_mean vs Slug

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

Left Out: 2098.430+/-493.082 χ^2/NDF:17.8/18

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

Left In: -2233.500+/-506.646 χ^2/NDF:25.2/16

+ sign 2159.006+/-419.963 χ^2/NDF: 32.6/35

All: 67.634+/-298.842 χ^2/NDF: 125.6/71

- sign -2077.636+/-425.340 χ^2/NDF: 42.7/35

dit_asym_at1_avg_rms vs Slug

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

Left Out: 1856.460+/-0.349 χ^2/NDF:25018.7/18

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

Left In: 1847.622+/-0.358 χ^2/NDF:7649.3/16

+ sign 1897.124+/-0.297 χ^2/NDF: 990568.8/35

All: 1899.773+/-0.211 χ^2/NDF: 1688849.6/71

- sign 1902.491+/-0.301 χ^2/NDF: 698119.6/35

asym_at1_avg_correction_mean vs Slug

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

Left Out: -202.554+/-171.052 χ^2/NDF:28.2/18

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

Left In: -86.091+/-180.412 χ^2/NDF:9.3/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -147.422+/-124.129 χ^2/NDF: 37.8/35

- 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: 616.373+/-0.121 χ^2/NDF:2032788.9/18

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

Left In: 631.707+/-0.128 χ^2/NDF:2102904.6/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 623.632+/-0.088 χ^2/NDF: 4143302.2/35

- 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: 1998.084+/-531.782 χ^2/NDF:21.5/18

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

Left In: -2100.571+/-548.349 χ^2/NDF:24.0/16

+ sign 2156.429+/-451.725 χ^2/NDF: 37.4/35

All: 124.452+/-322.746 χ^2/NDF: 123.4/71

- sign -1994.490+/-461.290 χ^2/NDF: 44.6/35

asym_at1_avg_rms vs Slug

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

Left Out: 1998.236+/-0.376 χ^2/NDF:119686.4/18

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

Left In: 1995.960+/-0.388 χ^2/NDF:103619.6/16

+ sign 2042.760+/-0.319 χ^2/NDF: 883902.9/35

All: 2048.954+/-0.228 χ^2/NDF: 1871742.1/71

- sign 2055.414+/-0.326 χ^2/NDF: 987070.9/35

dit_asym_at1_dd_mean vs Slug

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

Left Out: -595.340+/-491.073 χ^2/NDF:18.0/18

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

Left In: 504.642+/-504.854 χ^2/NDF:28.8/16

+ sign -437.812+/-418.715 χ^2/NDF: 34.2/35

All: 117.690+/-297.284 χ^2/NDF: 86.4/71

- sign 682.348+/-422.151 χ^2/NDF: 48.6/35

dit_asym_at1_dd_rms vs Slug

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

Left Out: 1848.991+/-0.347 χ^2/NDF:23782.2/18

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

Left In: 1841.174+/-0.357 χ^2/NDF:5806.0/16

+ sign 1893.018+/-0.296 χ^2/NDF: 922418.3/35

All: 1891.728+/-0.210 χ^2/NDF: 1359032.8/71

- sign 1890.417+/-0.299 χ^2/NDF: 436576.2/35

asym_at1_dd_correction_mean vs Slug

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

Left Out: 518.172+/-118.229 χ^2/NDF:57.6/18

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

Left In: -24.619+/-121.343 χ^2/NDF:20.1/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 253.830+/-84.680 χ^2/NDF: 87.9/35

- 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: 440.690+/-0.084 χ^2/NDF:499850.6/18

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

Left In: 441.230+/-0.086 χ^2/NDF:230825.5/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 440.953+/-0.060 χ^2/NDF: 730696.5/35

- 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: -1125.192+/-506.233 χ^2/NDF:22.5/18

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

Left In: 532.918+/-519.801 χ^2/NDF:26.8/16

+ sign -955.099+/-436.930 χ^2/NDF: 41.0/35

All: -152.109+/-312.058 χ^2/NDF: 91.8/71

- sign 683.957+/-445.838 χ^2/NDF: 44.0/35

asym_at1_dd_rms vs Slug

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

Left Out: 1906.003+/-0.358 χ^2/NDF:32385.3/18

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

Left In: 1895.831+/-0.368 χ^2/NDF:6378.6/16

+ sign 1974.238+/-0.309 χ^2/NDF: 980207.8/35

All: 1978.957+/-0.221 χ^2/NDF: 2099977.8/71

- sign 1983.871+/-0.315 χ^2/NDF: 1119293.7/35

dit_asym_at2_avg_mean vs Slug

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

Left Out: 749.786+/-605.911 χ^2/NDF:27.7/18

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

Left In: -3440.057+/-616.306 χ^2/NDF:8.2/16

+ sign 1419.626+/-475.761 χ^2/NDF: 36.8/35

All: -707.350+/-335.337 χ^2/NDF: 110.7/71

- sign -2807.306+/-472.729 χ^2/NDF: 34.2/35

dit_asym_at2_avg_rms vs Slug

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

Left Out: 2263.194+/-0.428 χ^2/NDF:418893.9/18

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

Left In: 2242.794+/-0.436 χ^2/NDF:128776.9/16

+ sign 2137.115+/-0.336 χ^2/NDF: 1283639.0/35

All: 2116.274+/-0.237 χ^2/NDF: 2448830.7/71

- sign 2095.700+/-0.334 χ^2/NDF: 1157564.8/35

asym_at2_avg_correction_mean vs Slug

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

Left Out: 724.316+/-2356.405 χ^2/NDF:23.9/18

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

Left In: -1252.855+/-2670.432 χ^2/NDF:12.9/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -141.235+/-1766.875 χ^2/NDF: 37.1/35

- 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: 8453.172+/-1.666 χ^2/NDF:2340186.4/18

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

Left In: 9570.476+/-1.888 χ^2/NDF:940327.9/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 8942.297+/-1.249 χ^2/NDF: 3477358.0/35

- 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: -272.034+/-2489.677 χ^2/NDF:20.7/18

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

Left In: -2201.009+/-2688.423 χ^2/NDF:11.4/16

+ sign 2023.737+/-1901.613 χ^2/NDF: 37.2/35

All: -470.298+/-1356.658 χ^2/NDF: 68.0/71

- sign -3055.501+/-1936.057 χ^2/NDF: 27.3/35

asym_at2_avg_rms vs Slug

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

Left Out: 9147.994+/-1.760 χ^2/NDF:1194475.3/18

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

Left In: 9639.336+/-1.901 χ^2/NDF:911177.2/16

+ sign 8454.646+/-1.345 χ^2/NDF: 1998589.8/35

All: 8457.664+/-0.959 χ^2/NDF: 4266839.7/71

- sign 8460.792+/-1.369 χ^2/NDF: 2268239.6/35

dit_asym_at2_dd_mean vs Slug

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

Left Out: -304.771+/-491.628 χ^2/NDF:24.3/18

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

Left In: 241.691+/-500.713 χ^2/NDF:11.0/16

+ sign -585.241+/-398.240 χ^2/NDF: 37.5/35

All: -214.502+/-280.190 χ^2/NDF: 65.8/71

- sign 148.911+/-394.285 χ^2/NDF: 26.6/35

dit_asym_at2_dd_rms vs Slug

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

Left Out: 1838.344+/-0.348 χ^2/NDF:499383.1/18

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

Left In: 1825.962+/-0.354 χ^2/NDF:98889.7/16

+ sign 1791.218+/-0.282 χ^2/NDF: 1331549.9/35

All: 1775.336+/-0.198 χ^2/NDF: 2117580.9/71

- sign 1759.768+/-0.279 χ^2/NDF: 779732.1/35

asym_at2_dd_correction_mean vs Slug

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

Left Out: 643.469+/-1019.522 χ^2/NDF:26.8/18

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

Left In: 749.860+/-1037.447 χ^2/NDF:11.3/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 695.737+/-727.166 χ^2/NDF: 38.1/35

- 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: 3810.199+/-0.721 χ^2/NDF:537072.3/18

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

Left In: 3783.521+/-0.734 χ^2/NDF:96907.6/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3797.092+/-0.514 χ^2/NDF: 634652.6/35

- 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: -899.272+/-560.856 χ^2/NDF:30.4/18

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

Left In: -496.977+/-570.034 χ^2/NDF:11.6/16

+ sign -441.950+/-484.513 χ^2/NDF: 54.6/35

All: -570.271+/-342.877 χ^2/NDF: 75.8/71

- sign -699.005+/-485.290 χ^2/NDF: 21.0/35

asym_at2_dd_rms vs Slug

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

Left Out: 2092.781+/-0.397 χ^2/NDF:630084.0/18

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

Left In: 2078.851+/-0.403 χ^2/NDF:99613.8/16

+ sign 2179.924+/-0.343 χ^2/NDF: 1288943.9/35

All: 2168.311+/-0.242 χ^2/NDF: 2182099.0/71

- sign 2156.660+/-0.343 χ^2/NDF: 890853.4/35

dit_asym_atl_avg_mean vs Slug

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

Left Out: 895.104+/-525.482 χ^2/NDF:30.5/18

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

Left In: -2477.246+/-535.914 χ^2/NDF:24.6/16

+ sign 1218.599+/-419.026 χ^2/NDF: 44.0/35

All: -370.277+/-299.191 χ^2/NDF: 124.2/71

- sign -2022.790+/-427.335 χ^2/NDF: 50.8/35

dit_asym_atl_avg_rms vs Slug

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

Left Out: 1960.738+/-0.372 χ^2/NDF:484686.9/18

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

Left In: 1949.203+/-0.379 χ^2/NDF:104697.0/16

+ sign 1882.850+/-0.296 χ^2/NDF: 1287842.2/35

All: 1895.037+/-0.212 χ^2/NDF: 1979278.0/71

- sign 1907.702+/-0.302 χ^2/NDF: 687985.5/35

asym_atl_avg_correction_mean vs Slug

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

Left Out: -1300.708+/-720.602 χ^2/NDF:25.7/18

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

Left In: -636.741+/-1510.827 χ^2/NDF:12.3/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1177.655+/-650.409 χ^2/NDF: 38.2/35

- 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: 1772.922+/-0.510 χ^2/NDF:15979066.8/18

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

Left In: 5410.263+/-1.068 χ^2/NDF:985278.5/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2447.028+/-0.460 χ^2/NDF: 26408234.7/3

- 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: 717.338+/-1488.900 χ^2/NDF:26.8/18

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

Left In: -2389.898+/-1586.893 χ^2/NDF:9.7/16

+ sign 1339.218+/-979.818 χ^2/NDF: 42.1/35

All: 73.730+/-699.570 χ^2/NDF: 82.5/71

- sign -1242.184+/-999.149 χ^2/NDF: 37.0/35

asym_atl_avg_rms vs Slug

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

Left Out: 5510.377+/-1.053 χ^2/NDF:834835.8/18

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

Left In: 5695.364+/-1.122 χ^2/NDF:844124.3/16

+ sign 4150.414+/-0.693 χ^2/NDF: 5657051.8/35

All: 4123.522+/-0.493 χ^2/NDF: 11841123.4/7

- sign 4096.050+/-0.700 χ^2/NDF: 6181026.0/35

dit_asym_atl_dd_mean vs Slug

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

Left Out: 407.665+/-509.897 χ^2/NDF:26.3/18

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

Left In: 738.826+/-520.221 χ^2/NDF:4.8/16

+ sign 345.358+/-409.399 χ^2/NDF: 37.9/35

All: 537.550+/-291.139 χ^2/NDF: 68.9/71

- sign 734.189+/-414.108 χ^2/NDF: 30.6/35

dit_asym_atl_dd_rms vs Slug

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

Left Out: 1903.549+/-0.361 χ^2/NDF:468731.7/18

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

Left In: 1893.199+/-0.368 χ^2/NDF:82802.2/16

+ sign 1849.644+/-0.289 χ^2/NDF: 832534.1/35

All: 1850.671+/-0.206 χ^2/NDF: 1378322.8/71

- sign 1851.722+/-0.293 χ^2/NDF: 545763.2/35

asym_atl_dd_correction_mean vs Slug

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

Left Out: 242.111+/-499.785 χ^2/NDF:27.2/18

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

Left In: 673.380+/-1301.098 χ^2/NDF:11.5/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 297.564+/-466.548 χ^2/NDF: 38.7/35

- 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: 1077.735+/-0.353 χ^2/NDF:18782004.7/18

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

Left In: 4658.353+/-0.920 χ^2/NDF:992313.0/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1538.131+/-0.330 χ^2/NDF: 32973701.6/3

- 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: -17.786+/-1320.030 χ^2/NDF:20.8/18

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

Left In: -62.062+/-1393.244 χ^2/NDF:12.2/16

+ sign -412.480+/-906.751 χ^2/NDF: 36.5/35

All: 71.654+/-640.676 χ^2/NDF: 64.6/71

- sign 554.298+/-905.355 χ^2/NDF: 27.5/35

asym_atl_dd_rms vs Slug

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

Left Out: 4899.675+/-0.933 χ^2/NDF:685276.7/18

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

Left In: 5006.149+/-0.985 χ^2/NDF:799495.1/16

+ sign 3952.271+/-0.641 χ^2/NDF: 3595748.2/35

All: 3898.590+/-0.451 χ^2/NDF: 7579300.7/71

- sign 3845.847+/-0.636 χ^2/NDF: 3969655.5/35

dit_asym_atr_avg_mean vs Slug

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

Left Out: 1806.465+/-535.750 χ^2/NDF:14.2/18

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

Left In: -3193.843+/-549.411 χ^2/NDF:23.4/16

+ sign 2172.232+/-444.351 χ^2/NDF: 25.6/35

All: -383.733+/-316.107 χ^2/NDF: 136.0/71

- sign -3002.580+/-449.784 χ^2/NDF: 43.4/35

dit_asym_atr_avg_rms vs Slug

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

Left Out: 2017.679+/-0.379 χ^2/NDF:47860.1/18

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

Left In: 2006.522+/-0.388 χ^2/NDF:33512.6/16

+ sign 2016.202+/-0.314 χ^2/NDF: 665616.2/35

All: 2014.443+/-0.224 χ^2/NDF: 1297366.8/71

- sign 2012.642+/-0.318 χ^2/NDF: 631687.2/35

asym_atr_avg_correction_mean vs Slug

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

Left Out: 496.747+/-1308.059 χ^2/NDF:23.3/18

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

Left In: -654.931+/-1352.538 χ^2/NDF:13.1/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -59.844+/-940.269 χ^2/NDF: 36.8/35

- 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: 4837.138+/-0.925 χ^2/NDF:730305.7/18

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

Left In: 4845.091+/-0.956 χ^2/NDF:966252.0/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4840.981+/-0.665 χ^2/NDF: 1696593.4/35

- 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: 751.485+/-1397.281 χ^2/NDF:17.9/18

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

Left In: -2204.317+/-1442.111 χ^2/NDF:15.7/16

+ sign 1996.984+/-1116.690 χ^2/NDF: 34.2/35

All: -500.639+/-785.975 χ^2/NDF: 75.3/71

- sign -2952.683+/-1106.454 χ^2/NDF: 31.2/35

asym_atr_avg_rms vs Slug

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

Left Out: 5198.124+/-0.988 χ^2/NDF:545682.1/18

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

Left In: 5184.604+/-1.020 χ^2/NDF:786919.0/16

+ sign 5006.399+/-0.790 χ^2/NDF: 1427759.9/35

All: 4923.925+/-0.555 χ^2/NDF: 3339424.1/71

- sign 4843.343+/-0.781 χ^2/NDF: 1890095.8/35

dit_asym_atr_dd_mean vs Slug

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

Left Out: 795.345+/-523.296 χ^2/NDF:21.7/18

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

Left In: 392.870+/-537.514 χ^2/NDF:17.9/16

+ sign 245.984+/-437.367 χ^2/NDF: 38.4/35

All: 182.928+/-309.843 χ^2/NDF: 67.9/71

- sign 119.400+/-439.005 χ^2/NDF: 29.5/35

dit_asym_atr_dd_rms vs Slug

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

Left Out: 1971.731+/-0.370 χ^2/NDF:29262.1/18

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

Left In: 1963.683+/-0.380 χ^2/NDF:22994.5/16

+ sign 1984.253+/-0.309 χ^2/NDF: 683109.6/35

All: 1976.306+/-0.219 χ^2/NDF: 1002771.8/71

- sign 1968.305+/-0.310 χ^2/NDF: 318337.1/35

asym_atr_dd_correction_mean vs Slug

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

Left Out: -1400.656+/-1135.161 χ^2/NDF:21.7/18

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

Left In: 585.761+/-1188.213 χ^2/NDF:15.2/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -452.782+/-820.794 χ^2/NDF: 38.4/35

- 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: 4188.375+/-0.803 χ^2/NDF:833254.9/18

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

Left In: 4254.155+/-0.840 χ^2/NDF:983254.8/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4219.764+/-0.580 χ^2/NDF: 1819714.4/35

- 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: 2047.511+/-1243.265 χ^2/NDF:20.8/18

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

Left In: -277.084+/-1294.194 χ^2/NDF:12.3/16

+ sign 587.958+/-1022.473 χ^2/NDF: 45.9/35

All: 331.061+/-724.758 χ^2/NDF: 70.4/71

- sign 71.647+/-1027.470 χ^2/NDF: 24.4/35

asym_atr_dd_rms vs Slug

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

Left Out: 4623.666+/-0.879 χ^2/NDF:571522.8/18

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

Left In: 4657.838+/-0.915 χ^2/NDF:743875.0/16

+ sign 4589.689+/-0.723 χ^2/NDF: 1346365.0/35

All: 4556.571+/-0.512 χ^2/NDF: 2924234.0/71

- sign 4523.265+/-0.725 χ^2/NDF: 1573660.6/35

dit_asym_atl_avg_atr_avg_avg_mean vs Slug

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

Left Out: 1348.960+/-401.889 χ^2/NDF:20.2/18

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

Left In: -2965.471+/-409.085 χ^2/NDF:19.3/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -769.975+/-286.688 χ^2/NDF: 96.1/35

- 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: 1505.139+/-0.284 χ^2/NDF:252102.4/18

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

Left In: 1489.312+/-0.289 χ^2/NDF:75120.5/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1497.366+/-0.203 χ^2/NDF: 328746.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Left Out: 155.570+/-1274.563 χ^2/NDF:24.0/18

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

Left In: -648.174+/-1433.073 χ^2/NDF:12.7/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -199.410+/-952.383 χ^2/NDF: 36.8/35

- 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: 4590.057+/-0.901 χ^2/NDF:2146040.9/18

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

Left In: 5135.354+/-1.013 χ^2/NDF:949260.6/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4830.892+/-0.673 χ^2/NDF: 3256982.9/35

- 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: 629.497+/-1364.487 χ^2/NDF:21.7/18

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

Left In: -2474.101+/-1466.012 χ^2/NDF:11.6/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -811.124+/-998.803 χ^2/NDF: 35.6/35

- 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: 5026.643+/-0.965 χ^2/NDF:1070240.4/18

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

Left In: 5259.784+/-1.037 χ^2/NDF:875190.9/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 5134.862+/-0.706 χ^2/NDF: 1972534.2/35

- 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: -472.039+/-352.459 χ^2/NDF:23.2/18

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

Left In: 316.607+/-359.248 χ^2/NDF:28.9/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -85.237+/-251.592 χ^2/NDF: 54.5/35

- 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: 1321.430+/-0.249 χ^2/NDF:276203.7/18

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

Left In: 1309.503+/-0.254 χ^2/NDF:38063.7/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1315.580+/-0.178 χ^2/NDF: 315390.8/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_atr_avg_dd_correction_mean vs Slug
2000
1000
0
−1000
−2000
−3000
−4000
140
145
150
155
160
165
170
Right In: 0.000+/-0.000 χ²/NDF: 0.0/0
Left Out: -282.704+/-95.280 χ²/NDF:33.2/18
Right Out: 0.000+/-0.000 χ²/NDF: 0.0/0
Left In: -94.237+/-97.740 χ²/NDF:13.2/16
+ sign 0.000+/-0.000 χ²/NDF: 0.0/0
All: -190.872+/-68.226 χ²/NDF: 48.3/35
- sign 0.000+/-0.000 χ²/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: 343.143+/-0.067 χ^2/NDF:2261394.9/18

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

Left In: 347.853+/-0.069 χ^2/NDF:1321743.3/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 345.438+/-0.048 χ^2/NDF: 3585519.2/35

- 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: -150.269+/-368.572 χ^2/NDF:23.0/18

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

Left In: 428.573+/-374.571 χ^2/NDF:25.2/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 134.479+/-262.715 χ^2/NDF: 49.4/35

- 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: 1376.967+/-0.261 χ^2/NDF:487360.2/18

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

Left In: 1365.156+/-0.265 χ^2/NDF:52570.2/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1371.156+/-0.186 χ^2/NDF: 540940.7/35

- 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: 572.493+/-386.993 χ^2/NDF:27.4/18

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

Left In: 556.460+/-394.236 χ^2/NDF:11.6/16

+ sign 327.804+/-317.377 χ^2/NDF: 40.4/35

All: 373.932+/-224.791 χ^2/NDF: 73.0/71

- sign 420.368+/-318.430 χ^2/NDF: 32.6/35

dit_asym_atl_dd_atr_dd_avg_rms vs Slug

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

Left Out: 1450.483+/-0.274 χ^2/NDF:225971.9/18

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

Left In: 1436.332+/-0.279 χ^2/NDF:49131.7/16

+ sign 1434.841+/-0.224 χ^2/NDF: 762278.0/35

All: 1428.841+/-0.159 χ^2/NDF: 1172979.2/71

- sign 1422.804+/-0.225 χ^2/NDF: 409267.3/35

asym_atl_dd_atr_dd_avg_correction_mean vs Slug

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

Left Out: -586.292+/-1081.038 χ^2/NDF:23.7/18

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

Left In: 612.226+/-1233.807 χ^2/NDF:13.2/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -65.787+/-813.088 χ^2/NDF: 37.4/35

- 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: 3860.806+/-0.764 χ^2/NDF:2553728.4/18

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

Left In: 4417.436+/-0.872 χ^2/NDF:985390.2/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4102.545+/-0.575 χ^2/NDF: 3769401.9/35

- 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: 1006.056+/-1193.346 χ^2/NDF:19.5/18

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

Left In: -216.058+/-1278.299 χ^2/NDF:12.3/16

+ sign 39.033+/-933.650 χ^2/NDF: 37.9/35

All: 167.530+/-661.529 χ^2/NDF: 64.7/71

- sign 297.074+/-937.446 χ^2/NDF: 26.8/35

asym_atl_dd_atr_dd_avg_rms vs Slug

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

Left Out: 4400.843+/-0.844 χ^2/NDF:1010921.3/18

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

Left In: 4587.891+/-0.904 χ^2/NDF:870922.8/16

+ sign 4177.805+/-0.660 χ^2/NDF: 1525437.8/35

All: 4135.565+/-0.467 χ^2/NDF: 3601346.7/71

- sign 4093.340+/-0.660 χ^2/NDF: 2067722.9/35

dit_asym_atl_dd_atr_dd_dd_mean vs Slug

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

Left Out: -186.612+/-348.890 χ^2/NDF:18.8/18

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

Left In: 210.743+/-355.492 χ^2/NDF:11.6/16

+ sign -4.846+/-291.080 χ^2/NDF: 36.2/35

All: 179.611+/-206.033 χ^2/NDF: 67.2/71

- sign 364.819+/-291.672 χ^2/NDF: 30.2/35

dit_asym_atl_dd_atr_dd_dd_rms vs Slug

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

Left Out: 1308.044+/-0.247 χ^2/NDF:271376.1/18

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

Left In: 1295.806+/-0.251 χ^2/NDF:36914.5/16

+ sign 1314.987+/-0.206 χ^2/NDF: 877457.0/35

All: 1309.803+/-0.146 χ^2/NDF: 1313799.5/71

- sign 1304.597+/-0.206 χ^2/NDF: 435071.0/35

asym_atl_dd_atr_dd_dd_correction_mean vs Slug

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

Left Out: 793.897+/-178.208 χ^2/NDF:51.3/18

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

Left In: 137.092+/-181.399 χ^2/NDF:14.9/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 471.321+/-127.125 χ^2/NDF: 72.9/35

- 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: 662.599+/-0.126 χ^2/NDF:671812.3/18

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

Left In: 660.604+/-0.128 χ^2/NDF:164841.0/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 661.620+/-0.090 χ^2/NDF: 836776.4/35

- 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: -1080.242+/-393.575 χ^2/NDF:27.0/18

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

Left In: 97.993+/-400.241 χ^2/NDF:13.0/16

+ sign -845.052+/-348.004 χ^2/NDF: 52.1/35

All: -349.993+/-247.256 χ^2/NDF: 80.0/71

- sign 154.672+/-351.364 χ^2/NDF: 23.8/35

asym_atl_dd_atr_dd_dd_rms vs Slug

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

Left Out: 1474.980+/-0.278 χ^2/NDF:322503.6/18

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

Left In: 1459.521+/-0.283 χ^2/NDF:37297.8/16

+ sign 1565.264+/-0.246 χ^2/NDF: 1270750.0/35

All: 1563.065+/-0.175 χ^2/NDF: 2328302.3/71

- sign 1560.823+/-0.248 χ^2/NDF: 1057391.0/35

dit_asym_atl1_mean vs Slug

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

Left Out: 1562.760+/-647.212 χ^2/NDF:16.5/18

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

Left In: -1685.911+/-663.775 χ^2/NDF:21.1/16

+ sign 1748.521+/-549.391 χ^2/NDF: 30.3/35

All: 175.250+/-392.377 χ^2/NDF: 91.4/71

- sign -1462.803+/-560.587 χ^2/NDF: 44.4/35

dit_asym_atl1_rms vs Slug

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

Left Out: 2436.217+/-0.458 χ^2/NDF:68535.3/18

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

Left In: 2420.816+/-0.469 χ^2/NDF:11122.9/16

+ sign 2489.689+/-0.388 χ^2/NDF: 761785.6/35

All: 2499.560+/-0.277 χ^2/NDF: 1497886.6/71

- sign 2509.837+/-0.396 χ^2/NDF: 734783.3/35

asym_atl1_correction_mean vs Slug

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

Left Out: 375.366+/-205.394 χ^2/NDF:30.1/18

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

Left In: -71.593+/-221.179 χ^2/NDF:19.3/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 168.403+/-150.507 χ^2/NDF: 51.7/35

- 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: 747.864+/-0.145 χ^2/NDF:1574113.0/18

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

Left In: 781.520+/-0.156 χ^2/NDF:1658551.6/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 763.448+/-0.106 χ^2/NDF: 3257531.3/35

- 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: 930.512+/-688.664 χ^2/NDF:21.7/18

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

Left In: -1564.840+/-708.770 χ^2/NDF:15.8/16

+ sign 1222.254+/-591.019 χ^2/NDF: 37.2/35

All: -68.829+/-423.957 χ^2/NDF: 88.3/71

- sign -1437.389+/-608.495 χ^2/NDF: 41.2/35

asym_atl1_rms vs Slug

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

Left Out: 2589.387+/-0.487 χ^2/NDF:123415.8/18

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

Left In: 2581.752+/-0.501 χ^2/NDF:71344.5/16

+ sign 2673.790+/-0.418 χ^2/NDF: 879332.2/35

All: 2687.490+/-0.300 χ^2/NDF: 2183176.6/71

- sign 2702.012+/-0.430 χ^2/NDF: 1301630.6/35

dit_asym_atl2_mean vs Slug

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

Left Out: 388.411+/-793.731 χ^2/NDF:36.2/18

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

Left In: -3060.488+/-811.229 χ^2/NDF:9.4/16

+ sign 860.168+/-592.083 χ^2/NDF: 44.4/35

All: -854.835+/-416.862 χ^2/NDF: 93.7/71

- sign -2540.605+/-587.015 χ^2/NDF: 32.6/35

dit_asym_atl2_rms vs Slug

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

Left Out: 2948.253+/-0.561 χ^2/NDF:773816.4/18

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

Left In: 2947.854+/-0.574 χ^2/NDF:226587.0/16

+ sign 2626.617+/-0.419 χ^2/NDF: 2364490.4/35

All: 2608.511+/-0.295 χ^2/NDF: 4010229.3/71

- sign 2590.725+/-0.415 χ^2/NDF: 1642031.1/35

asym_atl2_correction_mean vs Slug

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

Left Out: -1691.048+/-1107.476 χ^2/NDF:26.0/18

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

Left In: -1302.748+/-2812.958 χ^2/NDF:11.9/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1638.937+/-1030.488 χ^2/NDF: 38.0/35

- 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: 2424.361+/-0.783 χ^2/NDF:18502025.7/18

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

Left In: 10076.265+/-1.989 χ^2/NDF:969000.6/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3451.262+/-0.729 χ^2/NDF: 32284269.9/3

- 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: 887.011+/-2706.633 χ^2/NDF:23.9/18

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

Left In: -2249.525+/-2886.405 χ^2/NDF:10.6/16

+ sign 2486.054+/-1839.951 χ^2/NDF: 39.3/35

All: 69.669+/-1306.345 χ^2/NDF: 73.5/71

- sign -2386.521+/-1855.043 χ^2/NDF: 30.7/35

asym_atl2_rms vs Slug

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

Left Out: 10007.464+/-1.914 χ^2/NDF:883896.0/18

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

Left In: 10352.937+/-2.041 χ^2/NDF:890230.3/16

+ sign 8029.573+/-1.301 χ^2/NDF: 3462872.7/35

All: 7988.398+/-0.924 χ^2/NDF: 7258707.4/71

- sign 7946.546+/-1.312 χ^2/NDF: 3793815.0/35

dit_asym_atr1_mean vs Slug

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

Left Out: 2653.432+/-735.588 χ^2/NDF:20.3/18

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

Left In: -2758.038+/-758.607 χ^2/NDF:31.9/16

+ sign 2461.566+/-617.163 χ^2/NDF: 32.6/35

All: -131.876+/-438.077 χ^2/NDF: 109.9/71

- sign -2765.568+/-621.934 χ^2/NDF: 41.8/35

dit_asym_atr1_rms vs Slug

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

Left Out: 2775.224+/-0.520 χ^2/NDF:5023.7/18

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

Left In: 2772.091+/-0.536 χ^2/NDF:4820.1/16

+ sign 2803.046+/-0.436 χ^2/NDF: 684588.1/35

All: 2798.989+/-0.310 χ^2/NDF: 1007604.4/71

- sign 2794.868+/-0.440 χ^2/NDF: 322842.0/35

asym_atr1_correction_mean vs Slug

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

Left Out: -774.702+/-220.210 χ^2/NDF:45.5/18

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

Left In: -143.276+/-224.553 χ^2/NDF:8.3/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -465.155+/-157.225 χ^2/NDF: 57.9/35

- 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: 809.594+/-0.156 χ^2/NDF:1089784.2/18

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

Left In: 803.520+/-0.159 χ^2/NDF:1064012.5/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 806.616+/-0.111 χ^2/NDF: 2154542.5/35

- 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: 3107.304+/-773.749 χ^2/NDF:24.1/18

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

Left In: -2610.643+/-796.674 χ^2/NDF:32.4/16

+ sign 2867.010+/-643.101 χ^2/NDF: 38.8/35

All: 180.713+/-456.199 χ^2/NDF: 116.4/71

- sign -2540.309+/-647.244 χ^2/NDF: 42.5/35

asym_atr1_rms vs Slug

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

Left Out: 2917.374+/-0.547 χ^2/NDF:34509.6/18

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

Left In: 2909.762+/-0.563 χ^2/NDF:29654.1/16

+ sign 2920.230+/-0.455 χ^2/NDF: 697392.1/35

All: 2913.521+/-0.323 χ^2/NDF: 897436.5/71

- sign 2906.725+/-0.458 χ^2/NDF: 199606.2/35

dit_asym_atr2_mean vs Slug

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

Left Out: 1021.434+/-755.742 χ^2/NDF:14.9/18

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

Left In: -3619.702+/-774.479 χ^2/NDF:9.0/16

+ sign 1871.704+/-621.339 χ^2/NDF: 28.6/35

All: -634.707+/-439.804 χ^2/NDF: 89.7/71

- sign -3151.428+/-622.616 χ^2/NDF: 28.4/35

dit_asym_atr2_rms vs Slug

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

Left Out: 2844.454+/-0.534 χ^2/NDF:96804.6/18

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

Left In: 2827.705+/-0.548 χ^2/NDF:65666.7/16

+ sign 2821.823+/-0.439 χ^2/NDF: 604019.3/35

All: 2800.884+/-0.311 χ^2/NDF: 1476071.1/71

- sign 2779.863+/-0.440 χ^2/NDF: 867500.2/35

asym_atr2_correction_mean vs Slug

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

Left Out: 1928.870+/-2444.444 χ^2/NDF:22.5/18

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

Left In: -1227.811+/-2539.273 χ^2/NDF:14.0/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 410.572+/-1761.053 χ^2/NDF: 37.3/35

- 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: 9039.072+/-1.728 χ^2/NDF:726339.5/18

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

Left In: 9098.970+/-1.796 χ^2/NDF:946576.7/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 9067.882+/-1.245 χ^2/NDF: 1673493.8/35

- 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: -1537.284+/-2517.287 χ^2/NDF:18.8/18

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

Left In: -1843.008+/-2608.347 χ^2/NDF:12.5/16

+ sign 1417.585+/-2020.415 χ^2/NDF: 38.0/35

All: -866.660+/-1426.215 χ^2/NDF: 67.3/71

- sign -3135.406+/-2013.549 χ^2/NDF: 26.7/35

asym_atr2_rms vs Slug

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

Left Out: 9346.880+/-1.780 χ^2/NDF:620023.6/18

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

Left In: 9362.648+/-1.844 χ^2/NDF:866134.6/16

+ sign 9050.416+/-1.429 χ^2/NDF: 1460602.0/35

All: 8939.879+/-1.008 χ^2/NDF: 3497302.2/71

- sign 8830.094+/-1.424 χ^2/NDF: 2024768.1/35

dit_asym_sam1_mean vs Slug

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

Left Out: -150.113+/-21.644 χ^2/NDF:22.5/18

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

Left In: 152.257+/-22.755 χ^2/NDF:13.1/16

+ sign -99.118+/-18.263 χ^2/NDF: 54.4/35

All: -2.951+/-13.221 χ^2/NDF: 163.7/71

- sign 102.953+/-19.165 χ^2/NDF: 51.1/35

dit_asym_sam1_rms vs Slug

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

Left Out: 81.591+/-0.015 χ^2/NDF:56779.7/18

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

Left In: 83.076+/-0.016 χ^2/NDF:64304.6/16

+ sign 82.497+/-0.013 χ^2/NDF: 1133369.2/35

All: 83.612+/-0.009 χ^2/NDF: 2813921.8/71

- sign 84.840+/-0.014 χ^2/NDF: 1664892.9/35

asym_sam1_correction_mean vs Slug

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

Left Out: -17.306+/-92.649 χ^2/NDF:20.7/18

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

Left In: 20.508+/-94.307 χ^2/NDF:34.2/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1.265+/-66.091 χ^2/NDF: 55.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam1_correction_rms vs Slug

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

Left Out: 345.118+/-0.066 χ^2/NDF:507820.8/18

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

Left In: 339.442+/-0.067 χ^2/NDF:693210.5/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 342.331+/-0.047 χ^2/NDF: 1204717.9/35

- 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: -128.368+/-92.705 χ^2/NDF:16.7/18

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

Left In: 120.238+/-94.740 χ^2/NDF:34.0/16

+ sign -70.992+/-82.343 χ^2/NDF: 31.3/35

All: -14.212+/-58.881 χ^2/NDF: 91.0/71

- sign 45.201+/-84.230 χ^2/NDF: 58.7/35

asym_sam1_rms vs Slug

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

Left Out: 346.231+/-0.066 χ^2/NDF:475895.4/18

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

Left In: 341.315+/-0.067 χ^2/NDF:640973.2/16

+ sign 363.669+/-0.058 χ^2/NDF: 2823530.7/35

All: 364.134+/-0.042 χ^2/NDF: 6081317.0/71

- sign 364.619+/-0.060 χ^2/NDF: 3257656.3/35

dit_asym_sam2_mean vs Slug

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

Left Out: -229.190+/-80.423 χ^2/NDF:23.5/18

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

Left In: 260.592+/-84.076 χ^2/NDF:11.0/16

+ sign -79.495+/-69.882 χ^2/NDF: 47.1/35

All: 42.607+/-50.327 χ^2/NDF: 85.3/71

- sign 174.167+/-72.538 χ^2/NDF: 31.9/35

dit_asym_sam2_rms vs Slug

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

Left Out: 301.680+/-0.057 χ^2/NDF:304859.5/18

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

Left In: 305.902+/-0.059 χ^2/NDF:209432.5/16

+ sign 315.394+/-0.049 χ^2/NDF: 1171949.1/35

All: 318.810+/-0.036 χ^2/NDF: 2480666.7/71

- sign 322.490+/-0.051 χ^2/NDF: 1298790.6/35

asym_sam2_correction_mean vs Slug

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

Left Out: -1589.156+/-568.561 χ^2/NDF:36.0/18

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

Left In: 224.255+/-591.744 χ^2/NDF:30.1/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -718.669+/-409.984 χ^2/NDF: 70.9/35

- 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: 2122.286+/-0.402 χ^2/NDF:439585.6/18

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

Left In: 2147.384+/-0.418 χ^2/NDF:327721.5/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2134.333+/-0.290 χ^2/NDF: 769177.9/35

- 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: 1434.233+/-562.249 χ^2/NDF:32.0/18

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

Left In: 0.396+/-586.048 χ^2/NDF:28.1/16

+ sign 1637.156+/-523.765 χ^2/NDF: 50.3/35

All: 875.629+/-378.042 χ^2/NDF: 98.3/71

- sign 47.459+/-546.203 χ^2/NDF: 43.5/35

asym_sam2_rms vs Slug

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

Left Out: 2101.685+/-0.398 χ^2/NDF:443189.8/18

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

Left In: 2126.041+/-0.414 χ^2/NDF:324206.1/16

+ sign 2296.265+/-0.370 χ^2/NDF: 3343740.3/35

All: 2324.893+/-0.267 χ^2/NDF: 7013695.2/71

- sign 2356.026+/-0.386 χ^2/NDF: 3657482.1/35

dit_asym_sam3_mean vs Slug

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

Left Out: 41.849+/-25.770 χ^2/NDF:34.4/18

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

Left In: -68.624+/-27.594 χ^2/NDF:23.4/16

+ sign 49.759+/-23.082 χ^2/NDF: 46.4/35

All: -4.968+/-16.798 χ^2/NDF: 98.2/71

- sign -66.583+/-24.491 χ^2/NDF: 39.8/35

dit_asym_sam3_rms vs Slug

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

Left Out: 93.877+/-0.018 χ^2/NDF:1248885.2/18

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

Left In: 97.299+/-0.020 χ^2/NDF:1087761.6/16

+ sign 100.296+/-0.016 χ^2/NDF: 3187015.8/35

All: 102.251+/-0.012 χ^2/NDF: 6367902.9/71

- sign 104.452+/-0.017 χ^2/NDF: 3150383.5/35

asym_sam3_correction_mean vs Slug

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

Left Out: -1094.801+/-219.091 χ^2/NDF:62.1/18

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

Left In: 20.258+/-223.952 χ^2/NDF:17.6/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -549.504+/-156.611 χ^2/NDF: 92.4/35

- 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: 790.921+/-0.155 χ^2/NDF:2216952.7/18

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

Left In: 786.919+/-0.158 χ^2/NDF:1906926.2/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 788.964+/-0.111 χ^2/NDF: 4124205.2/35

- 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: 1175.030+/-221.954 χ^2/NDF:58.4/18

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

Left In: -78.925+/-227.158 χ^2/NDF:17.3/16

+ sign 1117.064+/-208.923 χ^2/NDF: 84.7/35

All: 601.104+/-148.999 χ^2/NDF: 128.7/71

- sign 67.029+/-212.559 χ^2/NDF: 31.6/35

asym_sam3_rms vs Slug

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

Left Out: 804.495+/-0.157 χ^2/NDF:2033705.3/18

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

Left In: 799.152+/-0.161 χ^2/NDF:1740832.9/16

+ sign 891.245+/-0.148 χ^2/NDF: 5205115.3/35

All: 893.321+/-0.105 χ^2/NDF: 10298665.3/71

- sign 895.469+/-0.150 χ^2/NDF: 5093148.4/35

dit_asym_sam4_mean vs Slug

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

Left Out: 288.376+/-77.732 χ^2/NDF:16.4/18

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

Left In: -366.984+/-81.604 χ^2/NDF:22.1/16

+ sign 209.299+/-62.546 χ^2/NDF: 36.1/35

All: -56.221+/-44.410 χ^2/NDF: 109.9/71

- sign -326.179+/-63.066 χ^2/NDF: 37.4/35

dit_asym_sam4_rms vs Slug

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

Left Out: 289.083+/-0.055 χ^2/NDF:433991.3/18

Right Out: 256.268+/-0.070 χ^2/NDF: 696896.2/18

Left In: 295.127+/-0.058 χ^2/NDF:175737.1/16

+ sign 281.165+/-0.044 χ^2/NDF: 1043603.5/35

All: 280.328+/-0.031 χ^2/NDF: 2099595.1/71

- sign 279.478+/-0.045 χ^2/NDF: 1055270.3/35

asym_sam4_correction_mean vs Slug

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

Left Out: -2677.844+/-548.816 χ^2/NDF:45.2/18

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

Left In: -336.039+/-566.717 χ^2/NDF:18.8/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1544.510+/-394.248 χ^2/NDF: 72.7/35

- 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: 2037.601+/-0.388 χ^2/NDF:751752.5/18

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

Left In: 2047.657+/-0.401 χ^2/NDF:533501.5/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2042.468+/-0.279 χ^2/NDF: 1285578.9/35

- 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: 2991.686+/-545.674 χ^2/NDF:45.1/18

Right Out: 1557.388+/-924.003 χ^2/NDF: 10.5/18

Left In: -79.444+/-564.051 χ^2/NDF:19.1/16

+ sign 2382.313+/-478.167 χ^2/NDF: 74.6/35

All: 1380.491+/-339.265 χ^2/NDF: 115.3/71

- sign 364.918+/-481.437 χ^2/NDF: 31.9/35

asym_sam4_rms vs Slug

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

Left Out: 2029.021+/-0.386 χ^2/NDF:747504.4/18

Right Out: 2364.507+/-0.653 χ^2/NDF: 1023402.8/18

Left In: 2035.957+/-0.399 χ^2/NDF:546058.4/16

+ sign 2132.401+/-0.338 χ^2/NDF: 1963020.7/35

All: 2128.801+/-0.240 χ^2/NDF: 3716927.1/71

- sign 2125.151+/-0.340 χ^2/NDF: 1753678.2/35

dit_asym_sam5_mean vs Slug

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

Left Out: 180.721+/-43.296 χ^2/NDF:18.7/18

Right Out: -91.634+/-43.318 χ^2/NDF: 15.7/18

Left In: -222.748+/-45.259 χ^2/NDF:15.3/16

+ sign 103.806+/-31.669 χ^2/NDF: 38.1/35

All: -26.795+/-22.260 χ^2/NDF: 107.0/71

- sign -154.320+/-31.294 χ^2/NDF: 35.3/35

dit_asym_sam5_rms vs Slug

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

Left Out: 162.756+/-0.031 χ^2/NDF:174904.9/18

Right Out: 109.709+/-0.031 χ^2/NDF: 1242014.6/18

Left In: 164.823+/-0.032 χ^2/NDF:185097.1/16

+ sign 140.054+/-0.022 χ^2/NDF: 2765338.8/35

All: 138.033+/-0.016 χ^2/NDF: 5756376.5/71

- sign 136.059+/-0.022 χ^2/NDF: 2974935.4/35

asym_sam5_correction_mean vs Slug

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

Left Out: -421.664+/-267.029 χ^2/NDF:15.9/18

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

Left In: -164.244+/-273.708 χ^2/NDF:33.8/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -296.133+/-191.136 χ^2/NDF: 50.2/35

- 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: 999.569+/-0.189 χ^2/NDF:227292.2/18

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

Left In: 992.882+/-0.194 χ^2/NDF:265325.0/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 996.308+/-0.135 χ^2/NDF: 493228.8/35

- 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: 578.633+/-261.900 χ^2/NDF:14.5/18

Right Out: 488.583+/-282.758 χ^2/NDF: 22.6/18

Left In: -60.748+/-268.783 χ^2/NDF:35.0/16

+ sign 275.046+/-200.728 χ^2/NDF: 34.0/35

All: 236.404+/-139.797 χ^2/NDF: 93.7/71

- sign 200.007+/-194.812 χ^2/NDF: 59.6/35

asym_sam5_rms vs Slug

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

Left Out: 981.891+/-0.185 χ^2/NDF:230749.4/18

Right Out: 702.656+/-0.200 χ^2/NDF: 1689579.7/18

Left In: 974.373+/-0.190 χ^2/NDF:284038.0/16

+ sign 889.097+/-0.142 χ^2/NDF: 2550556.2/35

All: 866.593+/-0.099 χ^2/NDF: 5543188.2/71

- sign 845.395+/-0.138 χ^2/NDF: 2943812.9/35

dit_asym_sam6_mean vs Slug

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

Left Out: 318.491+/-43.475 χ^2/NDF:14.9/18

Right Out: 9.277+/-45.600 χ^2/NDF: 14.7/18

Left In: -359.877+/-46.334 χ^2/NDF:16.6/16

+ sign 161.780+/-32.352 χ^2/NDF: 63.7/35

All: -4.522+/-22.929 χ^2/NDF: 180.4/71

- sign -172.350+/-32.500 χ^2/NDF: 63.5/35

dit_asym_sam6_rms vs Slug

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

Left Out: 163.546+/-0.031 χ^2/NDF:128218.6/18

Right Out: 116.618+/-0.032 χ^2/NDF: 997956.6/18

Left In: 168.751+/-0.033 χ^2/NDF:141861.5/16

+ sign 144.207+/-0.023 χ^2/NDF: 2077441.7/35

All: 143.242+/-0.016 χ^2/NDF: 4507024.0/71

- sign 142.268+/-0.023 χ^2/NDF: 2426007.6/35

asym_sam6_correction_mean vs Slug

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

Left Out: 472.634+/-280.431 χ^2/NDF:29.2/18

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

Left In: -157.957+/-291.234 χ^2/NDF:31.9/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 169.251+/-202.006 χ^2/NDF: 63.6/35

- 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: 1047.858+/-0.198 χ^2/NDF:402744.0/18

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

Left In: 1054.072+/-0.206 χ^2/NDF:479317.7/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1050.848+/-0.143 χ^2/NDF: 882534.1/35

- 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: -202.103+/-276.401 χ^2/NDF:26.1/18

Right Out: 100.857+/-245.981 χ^2/NDF: 22.5/18

Left In: -236.230+/-288.045 χ^2/NDF:30.1/16

+ sign -256.491+/-185.427 χ^2/NDF: 43.0/35

All: -149.836+/-131.689 χ^2/NDF: 97.2/71

- sign -41.299+/-187.056 χ^2/NDF: 53.4/35

asym_sam6_rms vs Slug

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

Left Out: 1034.974+/-0.195 χ^2/NDF:385313.9/18

Right Out: 585.070+/-0.174 χ^2/NDF: 2820837.8/18

Left In: 1042.824+/-0.204 χ^2/NDF:435957.4/16

+ sign 775.967+/-0.131 χ^2/NDF: 6840232.2/35

All: 777.030+/-0.093 χ^2/NDF: 13018045.4/71

- sign 778.113+/-0.132 χ^2/NDF: 6177680.4/35

dit_asym_sam7_mean vs Slug

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

Left Out: 95.490+/-22.770 χ^2/NDF:21.5/18

Right Out: 15.294+/-33.422 χ^2/NDF: 35.0/18

Left In: -104.313+/-23.686 χ^2/NDF:26.4/16

+ sign 47.108+/-19.025 χ^2/NDF: 42.6/35

All: -7.739+/-13.558 χ^2/NDF: 129.4/71

- sign -64.325+/-19.325 χ^2/NDF: 69.9/35

dit_asym_sam7_rms vs Slug

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

Left Out: 85.236+/-0.016 χ^2/NDF:166096.2/18

Right Out: 86.943+/-0.024 χ^2/NDF: 531359.9/18

Left In: 85.923+/-0.017 χ^2/NDF:135303.0/16

+ sign 86.127+/-0.013 χ^2/NDF: 570676.8/35

All: 86.194+/-0.010 χ^2/NDF: 1238631.4/71

- sign 86.264+/-0.014 χ^2/NDF: 667903.4/35

asym_sam7_correction_mean vs Slug

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

Left Out: -397.969+/-89.726 χ^2/NDF:52.0/18

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

Left In: -2.286+/-93.482 χ^2/NDF:23.1/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -208.236+/-64.733 χ^2/NDF: 84.4/35

- 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: 332.006+/-0.063 χ^2/NDF:894346.6/18

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

Left In: 336.946+/-0.066 χ^2/NDF:683561.7/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 334.375+/-0.046 χ^2/NDF: 1580815.0/35

- 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: 520.169+/-88.794 χ^2/NDF:45.8/18

Right Out: 284.456+/-129.599 χ^2/NDF: 10.6/18

Left In: -122.028+/-93.059 χ^2/NDF:22.0/16

+ sign 398.811+/-75.376 χ^2/NDF: 73.1/35

All: 208.079+/-53.374 χ^2/NDF: 125.0/71

- sign 16.257+/-75.591 χ^2/NDF: 39.1/35

asym_sam7_rms vs Slug

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

Left Out: 329.232+/-0.063 χ^2/NDF:855675.5/18

Right Out: 309.105+/-0.092 χ^2/NDF: 2730308.7/18

Left In: 335.625+/-0.066 χ^2/NDF:628917.4/16

+ sign 332.115+/-0.053 χ^2/NDF: 2905469.1/35

All: 329.367+/-0.038 χ^2/NDF: 6325286.3/71

- sign 326.603+/-0.053 χ^2/NDF: 3414484.8/35

dit_asym_sam8_mean vs Slug

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

Left Out: -205.193+/-19.500 χ^2/NDF:16.4/18

Right Out: 112.097+/-29.622 χ^2/NDF: 39.3/18

Left In: 181.538+/-20.247 χ^2/NDF:19.4/16

+ sign -202.687+/-16.414 χ^2/NDF: 35.5/35

All: -24.927+/-11.711 χ^2/NDF: 337.0/71

- sign 159.427+/-16.715 χ^2/NDF: 62.5/35

dit_asym_sam8_rms vs Slug

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

Left Out: 72.595+/-0.014 χ^2/NDF:255374.2/18

Right Out: 76.479+/-0.021 χ^2/NDF: 699361.8/18

Left In: 73.101+/-0.014 χ^2/NDF:186080.8/16

+ sign 73.789+/-0.012 χ^2/NDF: 881463.0/35

All: 73.980+/-0.008 χ^2/NDF: 1785174.4/71

- sign 74.177+/-0.012 χ^2/NDF: 903164.1/35

asym_sam8_correction_mean vs Slug

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

Left Out: -355.695+/-73.092 χ^2/NDF:49.0/18

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

Left In: -33.349+/-77.180 χ^2/NDF:20.7/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -203.284+/-53.070 χ^2/NDF: 78.9/35

- 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: 271.935+/-0.052 χ^2/NDF:627683.5/18

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

Left In: 279.590+/-0.055 χ^2/NDF:424962.5/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 275.555+/-0.038 χ^2/NDF: 1063017.0/35

- 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: 170.104+/-72.112 χ^2/NDF:43.5/18

Right Out: 164.141+/-76.903 χ^2/NDF: 11.9/18

Left In: 203.937+/-76.493 χ^2/NDF:20.3/16

+ sign 82.540+/-56.362 χ^2/NDF: 63.8/35

All: 135.298+/-39.080 χ^2/NDF: 97.8/71

- sign 184.145+/-54.233 χ^2/NDF: 32.3/35

asym_sam8_rms vs Slug

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

Left Out: 268.878+/-0.051 χ^2/NDF:595833.3/18

Right Out: 171.794+/-0.054 χ^2/NDF: 4092634.7/18

Left In: 277.134+/-0.054 χ^2/NDF:413527.8/16

+ sign 242.455+/-0.040 χ^2/NDF: 4722098.8/35

All: 233.259+/-0.028 χ^2/NDF: 11217114.4/71

- sign 224.745+/-0.038 χ^2/NDF: 6392493.0/35

dit_asym_sam_15_avg_mean vs Slug

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

Left Out: 12.702+/-17.570 χ^2/NDF:17.3/18

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

Left In: -39.022+/-18.355 χ^2/NDF:15.9/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -12.031+/-12.692 χ^2/NDF: 37.3/35

- 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: 66.019+/-0.012 χ^2/NDF:115534.9/18

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

Left In: 66.862+/-0.013 χ^2/NDF:73381.6/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 66.422+/-0.009 χ^2/NDF: 191118.4/35

- 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: -221.730+/-90.773 χ^2/NDF:16.2/18

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

Left In: -73.992+/-93.552 χ^2/NDF:31.4/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -150.088+/-65.146 χ^2/NDF: 48.9/35

- 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: 339.854+/-0.064 χ^2/NDF:217561.3/18

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

Left In: 340.003+/-0.066 χ^2/NDF:169652.5/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 339.927+/-0.046 χ^2/NDF: 387216.4/35

- 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: 224.460+/-89.229 χ^2/NDF:15.5/18

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

Left In: 33.244+/-92.056 χ^2/NDF:32.4/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 131.833+/-64.070 χ^2/NDF: 50.1/35

- 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: 334.436+/-0.063 χ^2/NDF:229056.4/18

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

Left In: 334.212+/-0.065 χ^2/NDF:200621.8/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 334.328+/-0.045 χ^2/NDF: 429684.3/35

- 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: 30.698+/-29.692 χ^2/NDF:25.9/18

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

Left In: -36.100+/-31.855 χ^2/NDF:14.1/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.356+/-21.720 χ^2/NDF: 42.4/35

- 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: 109.539+/-0.021 χ^2/NDF:965801.5/18

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

Left In: 114.479+/-0.023 χ^2/NDF:564340.8/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 111.835+/-0.015 χ^2/NDF: 1555880.7/35

- 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: -459.635+/-136.513 χ^2/NDF:45.6/18

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

Left In: 32.512+/-141.523 χ^2/NDF:27.1/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -222.427+/-98.253 χ^2/NDF: 78.9/35

- 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: 489.705+/-0.097 χ^2/NDF:2524179.3/18

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

Left In: 495.429+/-0.100 χ^2/NDF:2062636.3/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 492.464+/-0.069 χ^2/NDF: 4588510.2/35

- 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: 514.804+/-137.373 χ^2/NDF:41.4/18

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

Left In: -96.086+/-141.748 χ^2/NDF:26.6/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 218.931+/-98.648 χ^2/NDF: 77.6/35

- 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: 494.267+/-0.097 χ^2/NDF:2373659.6/18

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

Left In: 496.058+/-0.100 χ^2/NDF:1942080.4/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 495.135+/-0.070 χ^2/NDF: 4315904.8/35

- 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: 65.816+/-20.368 χ^2/NDF:31.2/18

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

Left In: -79.870+/-21.592 χ^2/NDF:26.0/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -2.780+/-14.816 χ^2/NDF: 81.3/35

- 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: 75.081+/-0.014 χ^2/NDF:735095.0/18

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

Left In: 77.089+/-0.015 χ^2/NDF:637862.8/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 76.026+/-0.010 χ^2/NDF: 1382104.8/35

- 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: -751.262+/-152.413 χ^2/NDF:60.1/18

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

Left In: 4.473+/-156.550 χ^2/NDF:19.1/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -383.510+/-109.206 χ^2/NDF: 91.1/35

- 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: 554.461+/-0.108 χ^2/NDF:1809142.4/18

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

Left In: 554.559+/-0.111 χ^2/NDF:1524236.4/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 554.509+/-0.077 χ^2/NDF: 3333379.3/35

- 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: 854.878+/-153.428 χ^2/NDF:55.4/18

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

Left In: -99.869+/-158.057 χ^2/NDF:18.4/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 391.690+/-110.090 χ^2/NDF: 92.6/35

- 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: 560.044+/-0.108 χ^2/NDF:1666674.2/18

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

Left In: 560.474+/-0.112 χ^2/NDF:1388696.6/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 560.253+/-0.078 χ^2/NDF: 3055378.5/35

- 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: 43.547+/-44.361 χ^2/NDF:16.1/18

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

Left In: -96.493+/-46.454 χ^2/NDF:20.6/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -23.248+/-32.082 χ^2/NDF: 41.4/35

- 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: 164.805+/-0.031 χ^2/NDF:390818.4/18

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

Left In: 167.827+/-0.033 χ^2/NDF:159391.6/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 166.247+/-0.023 χ^2/NDF: 554638.3/35

- 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: -1526.135+/-299.471 χ^2/NDF:48.7/18

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

Left In: -201.088+/-309.514 χ^2/NDF:17.6/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -885.458+/-215.221 χ^2/NDF: 75.8/35

- 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: 1112.006+/-0.212 χ^2/NDF:749442.0/18

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

Left In: 1118.187+/-0.219 χ^2/NDF:555610.8/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1114.995+/-0.152 χ^2/NDF: 1305464.6/35

- 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: 1591.002+/-297.608 χ^2/NDF:48.0/18

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

Left In: 74.250+/-308.165 χ^2/NDF:17.7/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 859.050+/-214.076 χ^2/NDF: 78.2/35

- 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: 1106.827+/-0.210 χ^2/NDF:738885.0/18

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

Left In: 1112.423+/-0.218 χ^2/NDF:560202.4/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1109.527+/-0.151 χ^2/NDF: 1299428.6/35

- 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: -166.793+/-29.289 χ^2/NDF:19.8/18

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

Left In: 185.391+/-30.760 χ^2/NDF:15.1/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.681+/-21.211 χ^2/NDF: 103.7/35

- 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: 110.149+/-0.021 χ^2/NDF:183394.6/18

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

Left In: 112.116+/-0.022 χ^2/NDF:169217.5/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 111.084+/-0.015 χ^2/NDF: 356901.2/35

- 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: 200.787+/-178.065 χ^2/NDF:16.6/18

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

Left In: 92.346+/-181.979 χ^2/NDF:34.4/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 147.745+/-127.272 χ^2/NDF: 51.2/35

- 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: 666.123+/-0.126 χ^2/NDF:264443.1/18

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

Left In: 659.025+/-0.129 χ^2/NDF:356830.4/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 662.651+/-0.090 χ^2/NDF: 622827.8/35

- 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: -353.925+/-175.018 χ^2/NDF:14.7/18

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

Left In: 90.316+/-179.219 χ^2/NDF:35.5/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -137.072+/-125.215 χ^2/NDF: 53.4/35

- 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: 655.900+/-0.124 χ^2/NDF:262640.3/18

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

Left In: 648.864+/-0.127 χ^2/NDF:363013.4/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 652.465+/-0.089 χ^2/NDF: 627231.8/35

- 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: -269.092+/-56.957 χ^2/NDF:21.2/18

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

Left In: 304.776+/-59.383 χ^2/NDF:11.9/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 5.881+/-41.106 χ^2/NDF: 81.7/35

- 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: 214.445+/-0.040 χ^2/NDF:119549.9/18

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

Left In: 216.654+/-0.042 χ^2/NDF:123920.1/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 215.504+/-0.029 χ^2/NDF: 244911.4/35

- 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: -1057.926+/-425.792 χ^2/NDF:33.6/18

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

Left In: 188.785+/-443.276 χ^2/NDF:30.8/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -459.641+/-307.076 χ^2/NDF: 68.5/35

- 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: 1594.987+/-0.301 χ^2/NDF:253509.5/18

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

Left In: 1612.497+/-0.313 χ^2/NDF:210431.3/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1603.390+/-0.217 χ^2/NDF: 465563.8/35

- 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: 847.481+/-420.170 χ^2/NDF:29.8/18

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

Left In: 118.696+/-438.304 χ^2/NDF:28.7/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 498.476+/-303.313 χ^2/NDF: 59.9/35

- 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: 1576.677+/-0.297 χ^2/NDF:253507.8/18

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

Left In: 1594.135+/-0.310 χ^2/NDF:215418.3/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1585.037+/-0.214 χ^2/NDF: 470579.7/35

- 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: -29.961+/-14.055 χ^2/NDF:23.9/18

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

Left In: 17.907+/-14.829 χ^2/NDF:22.4/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -7.308+/-10.201 χ^2/NDF: 51.8/35

- 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: 52.367+/-0.010 χ^2/NDF:369996.4/18

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

Left In: 53.195+/-0.010 χ^2/NDF:558458.9/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 52.759+/-0.007 χ^2/NDF: 931740.7/35

- 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: -348.370+/-70.854 χ^2/NDF:61.3/18

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

Left In: 14.548+/-71.957 χ^2/NDF:14.9/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -169.715+/-50.487 χ^2/NDF: 89.0/35

- 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: 253.507+/-0.050 χ^2/NDF:2685988.8/18

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

Left In: 250.223+/-0.051 χ^2/NDF:2382480.6/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 251.890+/-0.036 χ^2/NDF: 5070583.6/35

- 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: 324.604+/-72.314 χ^2/NDF:59.7/18

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

Left In: 24.619+/-73.283 χ^2/NDF:16.3/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 176.609+/-51.473 χ^2/NDF: 84.5/35

- 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: 259.824+/-0.051 χ^2/NDF:2489265.5/18

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

Left In: 255.047+/-0.052 χ^2/NDF:2209098.5/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 257.467+/-0.036 χ^2/NDF: 4702669.5/35

- 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: 243.246+/-35.235 χ^2/NDF:17.5/18

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

Left In: -268.838+/-37.059 χ^2/NDF:24.1/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.118+/-25.535 χ^2/NDF: 142.0/35

- 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: 131.402+/-0.025 χ^2/NDF:427303.9/18

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

Left In: 134.278+/-0.026 χ^2/NDF:185871.0/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 132.767+/-0.018 χ^2/NDF: 619501.5/35

- 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: -1156.828+/-251.983 χ^2/NDF:40.3/18

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

Left In: -130.132+/-259.905 χ^2/NDF:20.5/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -659.365+/-180.915 χ^2/NDF: 68.8/35

- 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: 935.391+/-0.178 χ^2/NDF:746366.0/18

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

Left In: 939.199+/-0.184 χ^2/NDF:504291.2/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 937.236+/-0.128 χ^2/NDF: 1250878.5/35

- 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: 1406.035+/-250.653 χ^2/NDF:40.9/18

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

Left In: -157.672+/-258.602 χ^2/NDF:21.1/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 648.583+/-179.983 χ^2/NDF: 80.9/35

- 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: 931.836+/-0.177 χ^2/NDF:748880.8/18

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

Left In: 933.371+/-0.183 χ^2/NDF:521843.8/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 932.580+/-0.127 χ^2/NDF: 1270760.9/35

- 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: -99.115+/-15.969 χ^2/NDF:26.6/18

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

Left In: 112.168+/-16.862 χ^2/NDF:11.9/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.784+/-11.594 χ^2/NDF: 121.3/35

- 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: 60.091+/-0.011 χ^2/NDF:94574.8/18

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

Left In: 61.467+/-0.012 χ^2/NDF:69277.2/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 60.741+/-0.008 χ^2/NDF: 170873.8/35

- 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: -128.672+/-95.131 χ^2/NDF:27.9/18

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

Left In: 46.429+/-98.621 χ^2/NDF:32.4/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -44.274+/-68.468 χ^2/NDF: 62.0/35

- 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: 356.427+/-0.067 χ^2/NDF:347640.1/18

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

Left In: 358.125+/-0.070 χ^2/NDF:262930.1/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 357.246+/-0.048 χ^2/NDF: 610877.1/35

- 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: 30.537+/-92.195 χ^2/NDF:22.1/18

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

Left In: 96.129+/-95.276 χ^2/NDF:30.1/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 62.255+/-66.254 χ^2/NDF: 52.4/35

- 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: 345.270+/-0.065 χ^2/NDF:380114.6/18

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

Left In: 345.643+/-0.067 χ^2/NDF:297654.7/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 345.450+/-0.047 χ^2/NDF: 677785.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_15_37_dd_mean vs Slug

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

Left Out: -29.645+/-11.863 χ^2/NDF:42.9/18

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

Left In: 19.401+/-12.535 χ^2/NDF:16.4/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -6.473+/-8.616 χ^2/NDF: 67.4/35

- 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: 44.321+/-0.008 χ^2/NDF:318425.3/18

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

Left In: 45.267+/-0.009 χ^2/NDF:344374.4/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 44.768+/-0.006 χ^2/NDF: 668799.8/35

- 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: 284.542+/-84.752 χ^2/NDF:38.2/18

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

Left In: 7.549+/-88.036 χ^2/NDF:26.0/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 151.307+/-61.057 χ^2/NDF: 69.4/35

- 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: 311.777+/-0.060 χ^2/NDF:1277455.3/18

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

Left In: 314.852+/-0.062 χ^2/NDF:1029567.8/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 313.256+/-0.043 χ^2/NDF: 2308289.2/35

- 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: -338.064+/-85.180 χ^2/NDF:37.1/18

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

Left In: 51.197+/-88.397 χ^2/NDF:26.3/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -150.646+/-61.337 χ^2/NDF: 73.5/35

- 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: 313.333+/-0.060 χ^2/NDF:1265645.6/18

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

Left In: 316.159+/-0.063 χ^2/NDF:972067.9/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 314.694+/-0.043 χ^2/NDF: 2238773.9/35

- 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: -13.797+/-23.226 χ^2/NDF:23.0/18

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

Left In: 25.129+/-24.107 χ^2/NDF:9.9/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4.942+/-16.726 χ^2/NDF: 34.2/35

- 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: 86.736+/-0.016 χ^2/NDF:412633.8/18

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

Left In: 87.342+/-0.017 χ^2/NDF:279439.4/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 87.028+/-0.012 χ^2/NDF: 692728.3/35

- 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: -1147.347+/-243.673 χ^2/NDF:51.0/18

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

Left In: 46.436+/-252.792 χ^2/NDF:22.3/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -572.374+/-175.438 χ^2/NDF: 84.8/35

- 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: 908.895+/-0.172 χ^2/NDF:451196.8/18

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

Left In: 916.327+/-0.179 χ^2/NDF:390218.8/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 912.475+/-0.124 χ^2/NDF: 842311.6/35

- 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: 1167.939+/-243.309 χ^2/NDF:48.1/18

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

Left In: -28.830+/-253.222 χ^2/NDF:20.6/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 593.437+/-175.445 χ^2/NDF: 80.3/35

- 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: 908.954+/-0.172 χ^2/NDF:453134.0/18

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

Left In: 917.809+/-0.179 χ^2/NDF:382561.4/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 913.205+/-0.124 χ^2/NDF: 836967.0/35

- 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: -6.280+/-25.287 χ^2/NDF:26.1/18

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

Left In: 21.667+/-26.778 χ^2/NDF:20.7/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 6.894+/-18.385 χ^2/NDF: 47.4/35

- 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: 94.326+/-0.018 χ^2/NDF:492101.8/18

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

Left In: 97.024+/-0.019 χ^2/NDF:227902.8/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 95.598+/-0.013 χ^2/NDF: 730733.9/35

- 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:35.8/18

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

Left In: 111.921+/-140.608 χ^2/NDF:25.5/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.000+/-0.000 χ^2/NDF: 62.0/35

- 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:26805910.6/18

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

Left In: 508.484+/-0.099 χ^2/NDF:435064.6/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.000+/-0.000 χ^2/NDF: 53396632.3/35

- 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: -505.151+/-132.176 χ^2/NDF:23.8/18

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

Left In: -88.695+/-136.380 χ^2/NDF:26.6/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -303.441+/-94.914 χ^2/NDF: 55.2/35

- 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: 492.104+/-0.093 χ^2/NDF:612486.7/18

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

Left In: 492.669+/-0.096 χ^2/NDF:444914.3/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 492.378+/-0.067 χ^2/NDF: 1057418.7/35

- 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: 26.105+/-29.830 χ^2/NDF:15.9/18

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

Left In: -67.994+/-31.142 χ^2/NDF:19.6/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -18.920+/-21.542 χ^2/NDF: 40.2/35

- 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: 111.214+/-0.021 χ^2/NDF:295943.3/18

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

Left In: 112.813+/-0.022 χ^2/NDF:130279.1/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 111.979+/-0.015 χ^2/NDF: 428972.3/35

- 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: -890.692+/-184.810 χ^2/NDF:39.2/18

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

Left In: -145.633+/-191.148 χ^2/NDF:19.9/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -530.720+/-132.865 χ^2/NDF: 66.9/35

- 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: 688.587+/-0.131 χ^2/NDF:546821.3/18

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

Left In: 692.750+/-0.135 χ^2/NDF:373585.3/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 690.598+/-0.094 χ^2/NDF: 920897.1/35

- 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: 922.223+/-182.965 χ^2/NDF:38.9/18

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

Left In: 64.306+/-189.517 χ^2/NDF:20.3/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 508.352+/-131.631 χ^2/NDF: 69.8/35

- 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: 682.662+/-0.129 χ^2/NDF:547411.4/18

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

Left In: 686.222+/-0.134 χ^2/NDF:392388.5/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 684.380+/-0.093 χ^2/NDF: 940165.1/35

- 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: 54.854+/-29.252 χ^2/NDF:14.6/18

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

Left In: -88.571+/-30.813 χ^2/NDF:24.5/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -13.133+/-21.215 χ^2/NDF: 50.5/35

- 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: 108.259+/-0.021 χ^2/NDF:498721.3/18

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

Left In: 110.853+/-0.022 χ^2/NDF:263832.4/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 109.489+/-0.015 χ^2/NDF: 770006.9/35

- 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: -1132.137+/-215.920 χ^2/NDF:57.7/18

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

Left In: -93.596+/-222.523 χ^2/NDF:16.5/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -628.503+/-154.960 χ^2/NDF: 85.5/35

- 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: 796.931+/-0.153 χ^2/NDF:1079513.0/18

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

Left In: 799.105+/-0.157 χ^2/NDF:869041.4/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 797.985+/-0.110 χ^2/NDF: 1948652.8/35

- 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: 1217.314+/-215.894 χ^2/NDF:55.7/18

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

Left In: -19.419+/-222.986 χ^2/NDF:16.3/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 618.928+/-155.107 χ^2/NDF: 87.8/35

- 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: 798.497+/-0.153 χ^2/NDF:1030690.1/18

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

Left In: 800.524+/-0.158 χ^2/NDF:831247.1/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 799.478+/-0.110 χ^2/NDF: 1862022.4/35

- 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: 22.682+/-16.873 χ^2/NDF:22.0/18

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

Left In: -39.382+/-17.804 χ^2/NDF:14.7/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -6.684+/-12.247 χ^2/NDF: 43.0/35

- 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: 62.629+/-0.012 χ^2/NDF:543466.8/18

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

Left In: 64.186+/-0.013 χ^2/NDF:355031.4/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 63.366+/-0.009 χ^2/NDF: 906560.1/35

- 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: -342.357+/-68.953 χ^2/NDF:61.0/18

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

Left In: -3.180+/-71.109 χ^2/NDF:18.8/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -177.988+/-49.502 χ^2/NDF: 91.5/35

- 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: 252.188+/-0.049 χ^2/NDF:1553106.0/18

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

Left In: 253.046+/-0.050 χ^2/NDF:1324092.3/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 252.604+/-0.035 χ^2/NDF: 2877348.3/35

- 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: 373.496+/-71.427 χ^2/NDF:57.5/18

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

Left In: -47.362+/-73.591 χ^2/NDF:18.5/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 169.344+/-51.255 χ^2/NDF: 92.8/35

- 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: 262.153+/-0.051 χ^2/NDF:1401749.6/18

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

Left In: 262.219+/-0.052 χ^2/NDF:1157219.7/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 262.185+/-0.036 χ^2/NDF: 2558970.1/35

- 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: 49.669+/-22.603 χ^2/NDF:28.3/18

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

Left In: -53.954+/-24.211 χ^2/NDF:15.5/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1.413+/-16.522 χ^2/NDF: 53.6/35

- 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: 83.153+/-0.016 χ^2/NDF:926080.9/18

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

Left In: 86.619+/-0.017 χ^2/NDF:616093.8/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 84.767+/-0.012 χ^2/NDF: 1564079.4/35

- 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: -605.192+/-140.053 χ^2/NDF:54.4/18

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

Left In: 26.005+/-144.482 χ^2/NDF:22.8/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -299.417+/-100.562 χ^2/NDF: 87.1/35

- 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: 506.212+/-0.099 χ^2/NDF:2135218.8/18

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

Left In: 508.997+/-0.102 χ^2/NDF:1779114.0/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 507.561+/-0.071 χ^2/NDF: 3914716.0/35

- 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: 686.860+/-141.381 χ^2/NDF:49.9/18

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

Left In: -104.547+/-145.820 χ^2/NDF:22.1/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 303.388+/-101.504 χ^2/NDF: 87.2/35

- 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: 512.562+/-0.100 χ^2/NDF:1996534.9/18

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

Left In: 513.952+/-0.103 χ^2/NDF:1649561.1/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 513.235+/-0.072 χ^2/NDF: 3646189.7/35

- 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: -18.677+/-15.789 χ^2/NDF:17.1/18

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

Left In: 27.357+/-16.608 χ^2/NDF:21.4/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3.177+/-11.443 χ^2/NDF: 42.5/35

- 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: 58.308+/-0.011 χ^2/NDF:569716.8/18

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

Left In: 59.681+/-0.012 χ^2/NDF:266593.3/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 58.960+/-0.008 χ^2/NDF: 843481.2/35

- 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: 638.704+/-121.347 χ^2/NDF:59.2/18

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

Left In: 50.996+/-125.205 χ^2/NDF:16.4/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 354.042+/-87.137 χ^2/NDF: 86.9/35

- 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: 447.716+/-0.086 χ^2/NDF:1091706.5/18

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

Left In: 449.540+/-0.089 χ^2/NDF:881667.2/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 448.600+/-0.062 χ^2/NDF: 1973592.6/35

- 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: -672.139+/-121.241 χ^2/NDF:57.5/18

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

Left In: -6.146+/-125.478 χ^2/NDF:15.9/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -350.576+/-87.190 χ^2/NDF: 88.0/35

- 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: 448.139+/-0.086 χ^2/NDF:1064459.8/18

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

Left In: 450.267+/-0.089 χ^2/NDF:863183.6/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 449.166+/-0.062 χ^2/NDF: 1927940.9/35

- 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: 13.832+/-18.369 χ^2/NDF:30.8/18

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

Left In: 8.542+/-19.312 χ^2/NDF:13.8/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 11.319+/-13.310 χ^2/NDF: 44.6/35

- 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: 68.652+/-0.013 χ^2/NDF:304935.6/18

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

Left In: 70.081+/-0.014 χ^2/NDF:138105.8/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 69.331+/-0.009 χ^2/NDF: 448795.0/35

- 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: 376.462+/-99.310 χ^2/NDF:23.8/18

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

Left In: 87.198+/-102.608 χ^2/NDF:25.5/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 236.552+/-71.360 χ^2/NDF: 53.4/35

- 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: 370.557+/-0.070 χ^2/NDF:409984.4/18

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

Left In: 372.320+/-0.073 χ^2/NDF:270170.0/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 371.410+/-0.050 χ^2/NDF: 680459.2/35

- 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: -358.176+/-97.371 χ^2/NDF:24.3/18

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

Left In: -78.279+/-100.751 χ^2/NDF:26.3/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -223.002+/-70.016 χ^2/NDF: 54.5/35

- 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: 363.705+/-0.069 χ^2/NDF:433379.6/18

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

Left In: 365.147+/-0.071 χ^2/NDF:304200.9/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 364.402+/-0.050 χ^2/NDF: 737792.3/35

- 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: -11.581+/-17.883 χ^2/NDF:26.7/18

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

Left In: 4.951+/-19.059 χ^2/NDF:15.6/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -3.841+/-13.041 χ^2/NDF: 42.7/35

- 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: 66.559+/-0.013 χ^2/NDF:631299.1/18

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

Left In: 68.864+/-0.013 χ^2/NDF:376648.1/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 67.638+/-0.009 χ^2/NDF: 1023507.2/35

- 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: 149.730+/-97.596 χ^2/NDF:28.9/18

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

Left In: -27.934+/-101.066 χ^2/NDF:31.3/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 64.000+/-70.205 χ^2/NDF: 61.7/35

- 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: 358.282+/-0.069 χ^2/NDF:1330961.0/18

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

Left In: 361.388+/-0.071 χ^2/NDF:1013982.1/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 359.780+/-0.050 χ^2/NDF: 2345920.4/35

- 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: -172.255+/-95.768 χ^2/NDF:25.1/18

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

Left In: 45.127+/-98.939 χ^2/NDF:30.6/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -67.103+/-68.812 χ^2/NDF: 58.2/35

- 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: 351.899+/-0.068 χ^2/NDF:1330236.2/18

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

Left In: 353.214+/-0.070 χ^2/NDF:1010933.9/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 352.535+/-0.049 χ^2/NDF: 2341352.8/35

- 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: 18.869+/-11.718 χ^2/NDF:29.3/18

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

Left In: -14.423+/-12.358 χ^2/NDF:28.4/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3.108+/-8.503 χ^2/NDF: 61.5/35

- 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: 43.625+/-0.008 χ^2/NDF:706901.7/18

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

Left In: 44.673+/-0.009 χ^2/NDF:489334.2/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 44.121+/-0.006 χ^2/NDF: 1203808.4/35

- 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: -125.260+/-36.438 χ^2/NDF:29.3/18

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

Left In: -23.473+/-37.382 χ^2/NDF:25.2/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -75.667+/-26.093 χ^2/NDF: 58.3/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_26_dd_correction_rms vs Slug

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

Left Out: 132.624+/-0.026 χ^2/NDF:1719130.3/18

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

Left In: 132.842+/-0.026 χ^2/NDF:1284897.1/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 132.730+/-0.018 χ^2/NDF: 3004062.2/35

- 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: 149.922+/-35.216 χ^2/NDF:22.8/18

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

Left In: 4.396+/-36.115 χ^2/NDF:27.3/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 78.994+/-25.213 χ^2/NDF: 58.5/35

- 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: 129.105+/-0.025 χ^2/NDF:1448979.2/18

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

Left In: 128.550+/-0.026 χ^2/NDF:1113745.1/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 128.834+/-0.018 χ^2/NDF: 2562966.3/35

- 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: 36.778+/-15.169 χ^2/NDF:14.1/18

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

Left In: -62.356+/-15.977 χ^2/NDF:25.3/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -10.219+/-11.000 χ^2/NDF: 59.6/35

- 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: 56.425+/-0.011 χ^2/NDF:355233.5/18

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

Left In: 57.646+/-0.011 χ^2/NDF:254273.4/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 57.004+/-0.008 χ^2/NDF: 615650.4/35

- 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: -498.652+/-96.389 χ^2/NDF:52.5/18

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

Left In: -71.724+/-99.787 χ^2/NDF:15.4/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -292.580+/-69.328 χ^2/NDF: 77.4/35

- 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: 357.267+/-0.068 χ^2/NDF:925513.0/18

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

Left In: 359.166+/-0.071 χ^2/NDF:749047.5/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 358.183+/-0.049 χ^2/NDF: 1674935.5/35

- 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: 546.289+/-95.447 χ^2/NDF:52.7/18

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

Left In: -25.485+/-98.382 χ^2/NDF:16.8/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 269.057+/-68.505 χ^2/NDF: 87.0/35

- 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: 353.599+/-0.067 χ^2/NDF:942418.9/18

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

Left In: 353.663+/-0.070 χ^2/NDF:754814.6/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 353.630+/-0.048 χ^2/NDF: 1697233.9/35

- 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: 37.612+/-28.107 χ^2/NDF:15.6/18

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

Left In: -64.405+/-29.538 χ^2/NDF:17.3/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -10.866+/-20.362 χ^2/NDF: 39.2/35

- 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: 103.776+/-0.020 χ^2/NDF:593273.4/18

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

Left In: 106.069+/-0.021 χ^2/NDF:330168.5/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 104.866+/-0.014 χ^2/NDF: 929769.7/35

- 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: -986.885+/-189.093 χ^2/NDF:60.4/18

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

Left In: -51.249+/-195.100 χ^2/NDF:16.9/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -533.693+/-135.783 χ^2/NDF: 89.2/35

- 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: 696.346+/-0.134 χ^2/NDF:1193741.4/18

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

Left In: 699.031+/-0.138 χ^2/NDF:985339.9/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 697.646+/-0.096 χ^2/NDF: 2179276.6/35

- 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: 1051.834+/-191.100 χ^2/NDF:58.3/18

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

Left In: -42.802+/-197.410 χ^2/NDF:16.5/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 522.289+/-137.305 χ^2/NDF: 90.6/35

- 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: 705.100+/-0.135 χ^2/NDF:1148604.6/18

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

Left In: 707.068+/-0.140 χ^2/NDF:941251.5/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 706.052+/-0.097 χ^2/NDF: 2089958.7/35

- 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: -0.042+/-8.287 χ^2/NDF:18.5/18

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

Left In: 2.666+/-8.686 χ^2/NDF:11.8/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1.249+/-5.996 χ^2/NDF: 30.3/35

- 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: 30.590+/-0.006 χ^2/NDF:698431.4/18

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

Left In: 31.246+/-0.006 χ^2/NDF:327932.2/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 30.903+/-0.004 χ^2/NDF: 1032347.6/35

- 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: 243.763+/-48.970 χ^2/NDF:64.8/18

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

Left In: -11.553+/-50.859 χ^2/NDF:19.4/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 120.935+/-35.276 χ^2/NDF: 97.2/35

- 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: 180.113+/-0.035 χ^2/NDF:1277540.2/18

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

Left In: 181.736+/-0.036 χ^2/NDF:1120865.0/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 180.894+/-0.025 χ^2/NDF: 2399461.3/35

- 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: -253.430+/-49.558 χ^2/NDF:59.8/18

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

Left In: 8.438+/-51.360 χ^2/NDF:17.3/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -127.170+/-35.663 χ^2/NDF: 90.6/35

- 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: 182.227+/-0.035 χ^2/NDF:1318938.8/18

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

Left In: 183.412+/-0.036 χ^2/NDF:1092280.1/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 182.799+/-0.025 χ^2/NDF: 2411770.4/35

- 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: 37.220+/-21.018 χ^2/NDF:14.9/18

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

Left In: -63.367+/-22.101 χ^2/NDF:20.3/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -10.547+/-15.230 χ^2/NDF: 46.1/35

- 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: 77.759+/-0.015 χ^2/NDF:513796.1/18

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

Left In: 79.438+/-0.016 χ^2/NDF:314680.1/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 78.557+/-0.011 χ^2/NDF: 834538.5/35

- 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: -751.539+/-137.117 χ^2/NDF:57.1/18

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

Left In: -62.239+/-146.400 χ^2/NDF:16.3/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -429.433+/-100.077 χ^2/NDF: 85.2/35

- 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: 496.792+/-0.097 χ^2/NDF:1539558.9/18

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

Left In: 525.291+/-0.104 χ^2/NDF:912460.6/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 510.110+/-0.071 χ^2/NDF: 2492394.3/35

- 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: 798.902+/-142.694 χ^2/NDF:56.8/18

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

Left In: -33.988+/-147.280 χ^2/NDF:16.5/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 395.625+/-102.483 χ^2/NDF: 89.8/35

- 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: 527.204+/-0.101 χ^2/NDF:1081476.9/18

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

Left In: 528.148+/-0.104 χ^2/NDF:880590.2/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 527.661+/-0.072 χ^2/NDF: 1962109.4/35

- 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: -246.546+/-0.129 χ^2/NDF:56770.1/17

Right Out: -194.268+/-0.165 χ^2/NDF: 176560.4/17

Left In: -244.876+/-0.128 χ^2/NDF:77528.3/16

+ sign -158.222+/-0.000 χ^2/NDF: 639521.1/33

All: -158.222+/-0.000 χ^2/NDF: 1400758.2/68

- sign -225.914+/-0.101 χ^2/NDF: 312812.7/34

dit_usl_4eX_slope vs Slug

Right In: 174.085+/-0.000 χ^2/NDF: 53377.4/15

Left Out: 202.805+/-0.129 χ^2/NDF:56860.3/17

Right Out: 149.948+/-0.196 χ^2/NDF: 167846.4/17

Left In: 202.465+/-0.129 χ^2/NDF:89538.3/16

+ sign 174.085+/-0.000 χ^2/NDF: 159513.9/33

All: 174.085+/-0.000 χ^2/NDF: 480893.3/68

- sign 186.621+/-0.107 χ^2/NDF: 307754.8/34

dit_usl_11X12X_slope vs Slug

Right In: -46.126+/-0.000 χ^2/NDF: 201273.7/15

Left Out: -40.501+/-0.007 χ^2/NDF:129436.5/17

Right Out: -28.139+/-0.000 χ^2/NDF: 746939.9/17

Left In: -40.352+/-0.008 χ^2/NDF:184083.9/16

+ sign -46.126+/-0.000 χ^2/NDF: 947148.7/33

All: -39.778+/-0.000 χ^2/NDF: 24879599323 1

- sign -28.139+/-0.000 χ^2/NDF: 3196347.1/34

dit_usl_4aY_slope vs Slug

Right In: -2.061+/-0.018 χ^2/NDF: 25665.1/15

Left Out: -0.754+/-0.007 χ^2/NDF:109745.0/17

Right Out: 13.204+/-0.000 χ^2/NDF: 509721.0/17

Left In: -1.020+/-0.006 χ^2/NDF:149469.2/16

+ sign -0.947+/-0.007 χ^2/NDF: 139992.6/33

All: 13.204+/-0.000 χ^2/NDF: 10085408.1/68

- sign 13.204+/-0.000 χ^2/NDF: 5692105.2/34

dit_usl_4eY_slope vs Slug

Right In: 22.711+/-0.019 χ^2/NDF: 22767.9/15

Left Out: 19.045+/-0.009 χ^2/NDF:85619.9/17

Right Out: 21.790+/-0.022 χ^2/NDF: 26670.9/17

Left In: 20.274+/-0.008 χ^2/NDF:119568.1/16

+ sign 19.685+/-0.008 χ^2/NDF: 139921.9/33

All: 20.090+/-0.005 χ^2/NDF: 295611.5/68

- sign 20.455+/-0.007 χ^2/NDF: 150610.1/34

dit_usr_4aX_slope vs Slug

Right In: -276.201+/-0.167 χ^2/NDF: 58107.7/16

Left Out: -318.255+/-0.111 χ^2/NDF:44469.8/18

Right Out: -281.150+/-0.148 χ^2/NDF: 77611.5/18

Left In: -322.953+/-0.106 χ^2/NDF:47518.3/16

+ sign -305.319+/-0.092 χ^2/NDF: 146712.9/35

All: -307.102+/-0.063 χ^2/NDF: 325358.2/71

- sign -308.658+/-0.086 χ^2/NDF: 177947.2/35

dit_usr_4eX_slope vs Slug

Right In: 374.094+/-0.000 χ^2/NDF: 35072.0/16

Left Out: 399.527+/-0.113 χ^2/NDF:61330.3/18

Right Out: 373.134+/-0.158 χ^2/NDF: 108219.4/18

Left In: 403.631+/-0.108 χ^2/NDF:68461.6/16

+ sign 374.094+/-0.000 χ^2/NDF: 147452.4/35

All: 374.094+/-0.000 χ^2/NDF: 399004.9/71

- sign 393.918+/-0.089 χ^2/NDF: 202088.4/35

dit_usr_11X12X_slope vs Slug

Right In: -42.744+/-0.000 χ^2/NDF: 13262.6/16

Left Out: -37.648+/-0.004 χ^2/NDF:261926.9/18

Right Out: -29.754+/-0.000 χ^2/NDF: 483930.3/18

Left In: -38.062+/-0.005 χ^2/NDF:149455.6/16

+ sign -42.744+/-0.000 χ^2/NDF: 1701563.8/35

All: -38.159+/-0.000 χ^2/NDF: 12976521268 0

- sign -29.754+/-0.000 χ^2/NDF: 3912341.3/35

dit_usr_4aY_slope vs Slug

Right In: -9.259+/-0.000 χ^2/NDF: 405850.5/16

Left Out: 1.107+/-0.006 χ^2/NDF:153520.4/18

Right Out: 18.504+/-0.000 χ^2/NDF: 7366781.0/18

Left In: 0.023+/-0.006 χ^2/NDF:133818.0/16

+ sign -9.259+/-0.000 χ^2/NDF: 3854085.1/35

All: 6.039+/-0.000 χ^2/NDF: 1645057450595

- sign 18.504+/-0.000 χ^2/NDF: 15776452.0/35

dit_usr_4eY_slope vs Slug

Right In: 16.947+/-0.000 χ^2/NDF: 11231.8/16

Left Out: 11.727+/-0.008 χ^2/NDF:69414.8/18

Right Out: -11.075+/-0.000 χ^2/NDF: 2712010.0/18

Left In: 12.098+/-0.009 χ^2/NDF:56183.3/16

+ sign 16.947+/-0.000 χ^2/NDF: 536072.6/35

All: -2.268+/-0.000 χ^2/NDF: 469252745463

- sign -11.075+/-0.000 χ^2/NDF: 9623534.7/35

dit_atl1_4aX_slope vs Slug

Right In: -205.160+/-0.000 χ^2/NDF: 582775.6/16

Left Out: -116.743+/-0.210 χ^2/NDF:54464.7/18

Right Out: -57.684+/-0.283 χ^2/NDF: 114854.9/18

Left In: -129.946+/-0.255 χ^2/NDF:53878.0/16

+ sign -205.160+/-0.000 χ^2/NDF: 814961.8/35

All: -205.160+/-0.000 χ^2/NDF: 1341704.1/71

- sign -97.635+/-0.189 χ^2/NDF: 204690.5/35

dit_atl1_4eX_slope vs Slug

Right In: 339.325+/-0.000 χ^2/NDF: 1030606.3/16

Left Out: 161.251+/-0.214 χ^2/NDF:88814.3/18

Right Out: 68.024+/-0.286 χ^2/NDF: 272330.9/18

Left In: 175.351+/-0.259 χ^2/NDF:60319.2/16

+ sign 339.325+/-0.000 χ^2/NDF: 1809776.9/35

All: 339.325+/-0.000 χ^2/NDF: 3442387.6/71

- sign 126.993+/-0.192 χ^2/NDF: 409982.1/35

dit_atl1_11X12X_slope vs Slug

Right In: -48.945+/-0.000 χ^2/NDF: 5408370.4/16

Left Out: -18.437+/-0.011 χ^2/NDF:585334.1/18

Right Out: -27.303+/-0.052 χ^2/NDF: 167879.9/18

Left In: -19.938+/-0.014 χ^2/NDF:160671.7/16

+ sign -48.945+/-0.000 χ^2/NDF: 13122104.2/35

All: -48.945+/-0.000 χ^2/NDF: 17669074.7/71

- sign -20.470+/-0.014 χ^2/NDF: 347384.5/35

dit_atl1_4aY_slope vs Slug

Right In: 6.728+/-0.000 χ^2/NDF: 13749.2/16

Left Out: 10.720+/-0.014 χ^2/NDF:25840.4/18

Right Out: 9.502+/-0.036 χ^2/NDF: 26822.1/18

Left In: 11.223+/-0.012 χ^2/NDF:11924.4/16

+ sign 6.728+/-0.000 χ^2/NDF: 115492.2/35

All: 6.728+/-0.000 χ^2/NDF: 290768.4/71

- sign 11.036+/-0.012 χ^2/NDF: 40827.7/35

dit_atl1_4eY_slope vs Slug

Right In: -19.693+/-0.000 χ^2/NDF: 7579.0/16

Left Out: -18.738+/-0.017 χ^2/NDF:49651.9/18

Right Out: 19.086+/-0.000 χ^2/NDF: 610746.9/18

Left In: -19.201+/-0.017 χ^2/NDF:13547.4/16

+ sign -19.693+/-0.000 χ^2/NDF: 60379.0/35

All: -6.006+/-0.000 χ^2/NDF: 462563773129

- sign 19.086+/-0.000 χ^2/NDF: 5513318.5/35

dit_atl2_4aX_slope vs Slug

Right In: -889.928+/-0.000 χ^2/NDF: 775896.0/16

Left Out: -1979.428+/-0.391 χ^2/NDF:514707.4/18

Right Out: -1134.421+/-0.000 χ^2/NDF: 733812.0/18

Left In: -2045.251+/-0.420 χ^2/NDF:205964.9/16

+ sign -889.928+/-0.000 χ^2/NDF: 9065402.4/35

All: -976.220+/-0.000 χ^2/NDF: 4488978738

- sign -1134.421+/-0.000 χ^2/NDF: 5635514.0/35

dit_atl2_4eX_slope vs Slug

Right In: 1171.188+/-0.245 χ^2/NDF: 508989.2/16

Left Out: 2043.938+/-0.391 χ^2/NDF:510888.2/18

Right Out: 1089.705+/-0.253 χ^2/NDF: 1100321.6/18

Left In: 2113.308+/-0.423 χ^2/NDF:198259.9/16

+ sign 1417.825+/-0.208 χ^2/NDF: 4595031.0/35

All: 1390.170+/-0.150 χ^2/NDF: 10236378.1/7

- sign 1359.899+/-0.217 χ^2/NDF: 5604259.2/35

dit_atl2_11X12X_slope vs Slug

Right In: -212.190+/-0.000 χ^2/NDF: 1149195.1/16

Left Out: -277.549+/-0.024 χ^2/NDF:6058608.6/18

Right Out: -188.033+/-0.000 χ^2/NDF: 602264.3/18

Left In: -291.566+/-0.024 χ^2/NDF:722440.5/16

+ sign -212.190+/-0.000 χ^2/NDF: 14712003.1/35

All: -195.625+/-0.000 χ^2/NDF: 1362230362 5

- sign -188.033+/-0.000 χ^2/NDF: 20399005.7/35

dit_atl2_4aY_slope vs Slug

Right In: -56.037+/-0.000 χ^2/NDF: 1585420.7/16

Left Out: -9.461+/-0.020 χ^2/NDF:935688.0/18

Right Out: -7.476+/-0.042 χ^2/NDF: 173893.8/18

Left In: -22.736+/-0.023 χ^2/NDF:729145.0/16

+ sign -56.037+/-0.000 χ^2/NDF: 8049550.7/35

All: -56.037+/-0.000 χ^2/NDF: 12437180.8/71

- sign -19.317+/-0.020 χ^2/NDF: 1004609.9/35

dit_atl2_4eY_slope vs Slug

Right In: 138.565+/-0.000 χ^2/NDF: 901159.7/16

Left Out: 133.782+/-0.028 χ^2/NDF:775419.7/18

Right Out: 6.866+/-0.000 χ^2/NDF: 8047391.7/18

Left In: 141.489+/-0.030 χ^2/NDF:379223.6/16

+ sign 138.565+/-0.000 χ^2/NDF: 1706649.0/35

All: 7.101+/-0.000 χ^2/NDF: 2357682268192

- sign 6.866+/-0.000 χ^2/NDF: 28536703.4/35

dit_atr1_4aX_slope vs Slug

Right In: -73.485+/-0.000 χ^2/NDF: 98703.2/16

Left Out: -178.209+/-0.262 χ^2/NDF:71865.7/18

Right Out: -580.262+/-0.261 χ^2/NDF: 3031609.5/18

Left In: -175.114+/-0.286 χ^2/NDF:63363.8/16

+ sign -73.485+/-0.000 χ^2/NDF: 330236.1/35

All: -73.485+/-0.000 χ^2/NDF: 7323558.2/71

- sign -395.977+/-0.193 χ^2/NDF: 4191499.5/35

dit_atr1_4eX_slope vs Slug

Right In: 42.743+/-0.000 χ^2/NDF: 84599.8/16

Left Out: 132.723+/-0.267 χ^2/NDF:85888.1/18

Right Out: 1036.068+/-0.000 χ^2/NDF: 4933722.5/18

Left In: 128.442+/-0.291 χ^2/NDF:72506.6/16

+ sign 42.743+/-0.000 χ^2/NDF: 284096.6/35

All: 43.272+/-0.000 χ^2/NDF: 114451749726

- sign 1036.068+/-0.000 χ^2/NDF: 14711418.8/35

dit_atr1_11X12X_slope vs Slug

Right In: -28.822+/-0.035 χ^2/NDF: 49503.4/16

Left Out: -20.758+/-0.014 χ^2/NDF:350837.9/18

Right Out: -22.707+/-0.038 χ^2/NDF: 410174.9/18

Left In: -19.838+/-0.016 χ^2/NDF:202292.0/16

+ sign -21.855+/-0.013 χ^2/NDF: 446897.9/35

All: -21.166+/-0.010 χ^2/NDF: 1070887.1/71

- sign -20.263+/-0.015 χ^2/NDF: 617301.4/35

dit_atr1_4aY_slope vs Slug

Right In: 13.238+/-0.000 χ^2/NDF: 5756.1/16

Left Out: 13.930+/-0.013 χ^2/NDF:8336.2/18

Right Out: -66.739+/-0.000 χ^2/NDF: 3023648.4/18

Left In: 13.871+/-0.014 χ^2/NDF:7813.8/16

+ sign 13.238+/-0.000 χ^2/NDF: 16837.2/35

All: 12.562+/-0.000 χ^2/NDF: 188431002765

- sign -66.739+/-0.000 χ^2/NDF: 34738786.7/35

dit_atr1_4eY_slope vs Slug

Right In: -32.504+/-0.000 χ^2/NDF: 74187.4/16

Left Out: -24.241+/-0.017 χ^2/NDF:19001.5/18

Right Out: -23.151+/-0.048 χ^2/NDF: 90749.4/18

Left In: -24.501+/-0.017 χ^2/NDF:9622.9/16

+ sign -32.504+/-0.000 χ^2/NDF: 317963.8/35

All: -32.504+/-0.000 χ^2/NDF: 671999.8/71

- sign -24.344+/-0.016 χ^2/NDF: 101082.7/35

dit_atr2_4aX_slope vs Slug

Right In: -1342.107+/-0.000 χ^2/NDF: 370901.4/16

Left Out: -1911.605+/-0.346 χ^2/NDF:49771.8/18

Right Out: -1496.932+/-0.000 χ^2/NDF: 504712.5/18

Left In: -1926.700+/-0.317 χ^2/NDF:32044.8/16

+ sign -1342.107+/-0.000 χ^2/NDF: 3126149.7/35

All: -1396.751+/-0.000 χ^2/NDF: 1800086126

- sign -1496.932+/-0.000 χ^2/NDF: 2371019.5/35

dit_atr2_4eX_slope vs Slug

Right In: 1873.852+/-0.000 χ^2/NDF: 201563.9/16

Left Out: 2137.591+/-0.350 χ^2/NDF:41440.6/18

Right Out: 1706.739+/-0.302 χ^2/NDF: 837936.9/18

Left In: 2150.927+/-0.317 χ^2/NDF:43316.2/16

+ sign 1873.852+/-0.000 χ^2/NDF: 812347.8/35

All: 1873.852+/-0.000 χ^2/NDF: 2762463.9/71

- sign 1918.288+/-0.219 χ^2/NDF: 1908884.7/35

dit_atr2_11X12X_slope vs Slug

Right In: -292.986+/-0.000 χ^2/NDF: 1015592.4/16

Left Out: -258.420+/-0.021 χ^2/NDF:213787.4/18

Right Out: -254.119+/-0.059 χ^2/NDF: 502658.5/18

Left In: -259.157+/-0.019 χ^2/NDF:249906.7/16

+ sign -292.986+/-0.000 χ^2/NDF: 3822355.9/35

All: -292.986+/-0.000 χ^2/NDF: 8209437.2/71

- sign -258.687+/-0.018 χ^2/NDF: 759177.1/35

dit_atr2_4aY_slope vs Slug

Right In: -78.728+/-0.000 χ^2/NDF: 1399088.3/16

Left Out: -10.160+/-0.019 χ^2/NDF:773084.0/18

Right Out: -5.769+/-0.000 χ^2/NDF: 111570.1/18

Left In: -18.507+/-0.018 χ^2/NDF:784679.4/16

+ sign -78.728+/-0.000 χ^2/NDF: 15373732.4/35

All: -6.288+/-0.000 χ^2/NDF: 2878797679293

- sign -5.769+/-0.000 χ^2/NDF: 1378722.5/35

dit_atr2_4eY_slope vs Slug

Right In: 189.551+/-0.000 χ^2/NDF: 927391.8/16

Left Out: 117.811+/-0.024 χ^2/NDF:259953.0/18

Right Out: 138.002+/-0.059 χ^2/NDF: 117357.8/18

Left In: 121.466+/-0.026 χ^2/NDF:243225.1/16

+ sign 189.551+/-0.000 χ^2/NDF: 10099700.0/35

All: 189.551+/-0.000 χ^2/NDF: 18087419.2/71

- sign 124.148+/-0.024 χ^2/NDF: 426249.7/35

dit_sam1_4aX_slope vs Slug

Right In: -1.007+/-0.000 χ^2/NDF: 7057.7/16

Left Out: 2.121+/-0.018 χ^2/NDF:5907.3/18

Right Out: -11.872+/-0.000 χ^2/NDF: 503632.2/18

Left In: 2.470+/-0.017 χ^2/NDF:6512.0/16

+ sign -1.007+/-0.000 χ^2/NDF: 42032.5/35

All: -1.365+/-0.000 χ^2/NDF: 2170760676638

- sign -11.872+/-0.000 χ^2/NDF: 1251229.2/35

dit_sam1_4eX_slope vs Slug

Right In: -7.899+/-0.000 χ^2/NDF: 39443.5/16

Left Out: -16.191+/-0.018 χ^2/NDF:6787.6/18

Right Out: -2.410+/-0.000 χ^2/NDF: 203043.8/18

Left In: -16.583+/-0.017 χ^2/NDF:5516.0/16

+ sign -7.899+/-0.000 χ^2/NDF: 255377.4/35

All: -4.135+/-0.000 χ^2/NDF: 2879850560728

- sign -2.410+/-0.000 χ^2/NDF: 881437.9/35

dit_sam1_11X12X_slope vs Slug

Right In: 0.314+/-0.001 χ^2/NDF: 2748.0/16

Left Out: 0.310+/-0.000 χ^2/NDF:4256.1/18

Right Out: -0.107+/-0.000 χ^2/NDF: 219932.8/18

Left In: 0.309+/-0.000 χ^2/NDF:2711.3/16

+ sign 0.310+/-0.000 χ^2/NDF: 7016.5/35

All: -0.107+/-0.000 χ^2/NDF: 5652813.3/71

- sign -0.107+/-0.000 χ^2/NDF: 2683290.9/35

dit_sam1_4aY_slope vs Slug

Right In: -38.539+/-0.000 χ^2/NDF: 14950854.6/16

Left Out: -50.354+/-0.001 χ^2/NDF:254144.2/18

Right Out: -52.737+/-0.002 χ^2/NDF: 87430.2/18

Left In: -50.235+/-0.001 χ^2/NDF:166374.4/16

+ sign -38.539+/-0.000 χ^2/NDF: 81213905.9/35

All: -38.539+/-0.000 χ^2/NDF: 218713568.8/7

- sign -51.049+/-0.001 χ^2/NDF: 1448912.7/35

dit_sam1_4eY_slope vs Slug

Right In: -60.594+/-0.000 χ^2/NDF: 26122838.1/16

Left Out: 6.661+/-0.004 χ^2/NDF:309467.4/18

Right Out: 6.748+/-0.011 χ^2/NDF: 1266598.3/18

Left In: 7.211+/-0.004 χ^2/NDF:194545.4/16

+ sign -60.594+/-0.000 χ^2/NDF: 348290861.6/35

All: -60.594+/-0.000 χ^2/NDF: 761190825.6/7

- sign 7.168+/-0.003 χ^2/NDF: 1462742.2/35

dit_sam2_4aX_slope vs Slug

Right In: 58.880+/-0.000 χ^2/NDF: 3814.7/16

Left Out: 50.102+/-0.281 χ^2/NDF:7698.0/18

Right Out: 95.846+/-0.000 χ^2/NDF: 39385.0/18

Left In: 53.717+/-0.256 χ^2/NDF:5365.0/16

+ sign 58.880+/-0.000 χ^2/NDF: 12491.5/35

All: 60.098+/-0.000 χ^2/NDF: 981523394566

- sign 95.846+/-0.000 χ^2/NDF: 71871.3/35

dit_sam2_4eX_slope vs Slug

Right In: -350.833+/-0.245 χ^2/NDF: 41301.1/16

Left Out: -231.581+/-0.281 χ^2/NDF:19426.0/18

Right Out: -498.692+/-0.000 χ^2/NDF: 511870.8/18

Left In: -241.933+/-0.260 χ^2/NDF:11878.3/16

+ sign -299.343+/-0.184 χ^2/NDF: 163413.0/35

All: -498.692+/-0.000 χ^2/NDF: 2835208.6/71

- sign -498.692+/-0.000 χ^2/NDF: 1502203.3/35

dit_sam2_11X12X_slope vs Slug

Right In: 1.930+/-0.000 χ^2/NDF: 59970.9/16

Left Out: 0.531+/-0.002 χ^2/NDF:9293.2/18

Right Out: 3.123+/-0.000 χ^2/NDF: 512565.5/18

Left In: 0.558+/-0.002 χ^2/NDF:13284.1/16

+ sign 1.930+/-0.000 χ^2/NDF: 562527.9/35

All: 2.073+/-0.000 χ^2/NDF: 3809953457808

- sign 3.123+/-0.000 χ^2/NDF: 2489136.2/35

dit_sam2_4aY_slope vs Slug

Right In: 54.556+/-0.000 χ^2/NDF: 7238433.0/16

Left Out: 12.736+/-0.007 χ^2/NDF:224130.2/18

Right Out: 17.458+/-0.018 χ^2/NDF: 99308.5/18

Left In: 12.951+/-0.006 χ^2/NDF:216852.2/16

+ sign 54.556+/-0.000 χ^2/NDF: 45463981.9/35

All: 54.556+/-0.000 χ^2/NDF: 92523030.2/71

- sign 13.439+/-0.006 χ^2/NDF: 370352.2/35

dit_sam2_4eY_slope vs Slug

Right In: -382.108+/-0.000 χ^2/NDF: 18398024.3/16

Left Out: -197.777+/-0.014 χ^2/NDF:984258.7/18

Right Out: -483.800+/-0.000 χ^2/NDF: 24338683.6/18

Left In: -198.354+/-0.014 χ^2/NDF:941325.9/16

+ sign -382.108+/-0.000 χ^2/NDF: 184389282.5/35

All: -417.999+/-0.000 χ^2/NDF: 12425488813

- sign -483.800+/-0.000 χ^2/NDF: 450767496.3/35

dit_sam3_4aX_slope vs Slug

Right In: -26.504+/-0.000 χ^2/NDF: 1180.7/16

Left Out: -28.048+/-0.282 χ^2/NDF:5946.3/18

Right Out: -26.577+/-0.000 χ^2/NDF: 2640.9/18

Left In: -29.030+/-0.260 χ^2/NDF:7010.8/16

+ sign -26.504+/-0.000 χ^2/NDF: 7156.9/35

All: -26.530+/-0.000 χ^2/NDF: 412159279654

- sign -26.577+/-0.000 χ^2/NDF: 9740.5/35

dit_sam3_4eX_slope vs Slug

Right In: -79.376+/-0.000 χ^2/NDF: 1304.6/16

Left Out: -60.425+/-0.279 χ^2/NDF:12284.0/18

Right Out: -83.099+/-0.178 χ^2/NDF: 11915.8/18

Left In: -66.265+/-0.259 χ^2/NDF:6947.5/16

+ sign -79.376+/-0.000 χ^2/NDF: 18211.2/35

All: -79.376+/-0.000 χ^2/NDF: 40081.4/71

- sign -77.680+/-0.147 χ^2/NDF: 21736.6/35

dit_sam3_11X12X_slope vs Slug

Right In: 0.521+/-0.000 χ^2/NDF: 3370.8/16

Left Out: 0.334+/-0.002 χ^2/NDF:8734.2/18

Right Out: 0.403+/-0.011 χ^2/NDF: 2727.5/18

Left In: 0.386+/-0.002 χ^2/NDF:9341.2/16

+ sign 0.521+/-0.000 χ^2/NDF: 22453.1/35

All: 0.521+/-0.000 χ^2/NDF: 40301.4/71

- sign 0.387+/-0.002 χ^2/NDF: 12071.0/35

dit_sam3_4aY_slope vs Slug

Right In: -2.320+/-0.000 χ^2/NDF: 270771.9/16

Left Out: -6.756+/-0.003 χ^2/NDF:9788.0/18

Right Out: -4.864+/-0.010 χ^2/NDF: 49380.5/18

Left In: -6.825+/-0.002 χ^2/NDF:8115.3/16

+ sign -2.320+/-0.000 χ^2/NDF: 3186604.0/35

All: -2.320+/-0.000 χ^2/NDF: 6563914.9/71

- sign -6.717+/-0.002 χ^2/NDF: 91716.4/35

dit_sam3_4eY_slope vs Slug

Right In: 11.268+/-0.000 χ^2/NDF: 958029.3/16

Left Out: 28.899+/-0.009 χ^2/NDF:13113.6/18

Right Out: 37.191+/-0.000 χ^2/NDF: 1121929.1/18

Left In: 29.295+/-0.008 χ^2/NDF:7989.9/16

+ sign 11.268+/-0.000 χ^2/NDF: 4916279.4/35

All: 12.122+/-0.000 χ^2/NDF: 772305569497

- sign 37.191+/-0.000 χ^2/NDF: 2013631.5/35

dit_sam4_4aX_slope vs Slug

Right In: -4.139+/-0.000 χ^2/NDF: 4654.2/16

Left Out: 53.637+/-0.309 χ^2/NDF:5937.4/18

Right Out: 54.427+/-0.170 χ^2/NDF: 53998.7/18

Left In: 57.625+/-0.279 χ^2/NDF:5243.3/16

+ sign -4.139+/-0.000 χ^2/NDF: 45541.4/35

All: -4.139+/-0.000 χ^2/NDF: 272009.6/71

- sign 55.292+/-0.145 χ^2/NDF: 59337.5/35

dit_sam4_4eX_slope vs Slug

Right In: -124.095+/-0.000 χ^2/NDF: 38152.5/16

Left Out: -223.351+/-0.305 χ^2/NDF:15205.6/18

Right Out: -273.143+/-0.113 χ^2/NDF: 280141.9/18

Left In: -237.331+/-0.277 χ^2/NDF:8465.7/16

+ sign -124.095+/-0.000 χ^2/NDF: 159087.6/35

All: -124.095+/-0.000 χ^2/NDF: 2363093.4/71

- sign -268.061+/-0.104 χ^2/NDF: 302933.1/35

dit_sam4_11X12X_slope vs Slug

Right In: 0.888+/-0.000 χ^2/NDF: 8672.0/16

Left Out: 0.526+/-0.002 χ^2/NDF:8556.8/18

Right Out: -0.226+/-0.000 χ^2/NDF: 5031.1/18

Left In: 0.578+/-0.002 χ^2/NDF:4902.5/16

+ sign 0.888+/-0.000 χ^2/NDF: 46509.2/35

All: 0.888+/-0.000 χ^2/NDF: 422282777.6/71

- sign -0.225+/-0.000 χ^2/NDF: 141394.0/35

dit_sam4_4aY_slope vs Slug

Right In: 4.057+/-0.000 χ^2/NDF: 1247888.2/16

Left Out: -16.174+/-0.011 χ^2/NDF:177889.5/18

Right Out: -22.885+/-0.026 χ^2/NDF: 116508.9/18

Left In: -17.694+/-0.010 χ^2/NDF:148228.0/16

+ sign 4.057+/-0.000 χ^2/NDF: 5131836.4/35

All: 4.057+/-0.000 χ^2/NDF: 11393352.5/71

- sign -18.323+/-0.009 χ^2/NDF: 298917.8/35

dit_sam4_4eY_slope vs Slug

Right In: 158.293+/-0.000 χ^2/NDF: 2410913.3/16

Left Out: 245.620+/-0.028 χ^2/NDF:702220.8/18

Right Out: 175.536+/-0.000 χ^2/NDF: 2100196.2/18

Left In: 253.168+/-0.029 χ^2/NDF:321990.4/16

+ sign 158.293+/-0.000 χ^2/NDF: 12969214.5/35

All: 172.618+/-0.000 χ^2/NDF: 37372749122

- sign 175.536+/-0.000 χ^2/NDF: 9570494.6/35

dit_sam5_4aX_slope vs Slug

Right In: 3.778+/-0.000 χ^2/NDF: 6871.4/16

Left Out: 11.111+/-0.032 χ^2/NDF:3504.2/18

Right Out: 5.756+/-0.026 χ^2/NDF: 22291.6/18

Left In: 10.352+/-0.030 χ^2/NDF:8157.4/16

+ sign 3.778+/-0.000 χ^2/NDF: 61871.4/35

All: 3.778+/-0.000 χ^2/NDF: 144915.5/71

- sign 7.675+/-0.020 χ^2/NDF: 43746.1/35

dit_sam5_4eX_slope vs Slug

Right In: -0.287+/-0.000 χ^2/NDF: 44276.5/16

Left Out: -4.104+/-0.032 χ^2/NDF:27912.5/18

Right Out: -5.882+/-0.027 χ^2/NDF: 63493.9/18

Left In: -4.730+/-0.031 χ^2/NDF:41650.1/16

+ sign -0.287+/-0.000 χ^2/NDF: 86182.4/35

All: -0.287+/-0.000 χ^2/NDF: 254446.8/71

- sign -5.376+/-0.020 χ^2/NDF: 105930.9/35

dit_sam5_11X12X_slope vs Slug

Right In: 0.193+/-0.000 χ^2/NDF: 10027.5/16

Left Out: 0.324+/-0.001 χ^2/NDF:2048.6/18

Right Out: 0.280+/-0.001 χ^2/NDF: 6059.0/18

Left In: 0.344+/-0.001 χ^2/NDF:3383.0/16

+ sign 0.193+/-0.000 χ^2/NDF: 64618.0/35

All: 0.193+/-0.000 χ^2/NDF: 147680.2/71

- sign 0.336+/-0.001 χ^2/NDF: 11057.8/35

dit_sam5_4aY_slope vs Slug

Right In: 35.664+/-0.011 χ^2/NDF: 218662.5/16

Left Out: 32.010+/-0.003 χ^2/NDF:21553.9/18

Right Out: 89.735+/-0.000 χ^2/NDF: 25801560.6/18

Left In: 32.160+/-0.004 χ^2/NDF:11925.1/16

+ sign 32.286+/-0.003 χ^2/NDF: 335753.2/35

All: 89.735+/-0.000 χ^2/NDF: 625364486.1/71

- sign 89.735+/-0.000 χ^2/NDF: 286083920.4/35

dit_sam5_4eY_slope vs Slug

Right In: 81.005+/-0.035 χ^2/NDF: 2228881.4/16

Left Out: 117.220+/-0.008 χ^2/NDF:141723.3/18

Right Out: 27.798+/-0.000 χ^2/NDF: 9183707.8/18

Left In: 116.929+/-0.009 χ^2/NDF:43200.4/16

+ sign 115.411+/-0.008 χ^2/NDF: 3415513.7/35

All: 27.798+/-0.000 χ^2/NDF: 241058277.5/71

- sign 27.798+/-0.000 χ^2/NDF: 108786672.6/35

dit_sam6_4aX_slope vs Slug

Right In: 48.450+/-0.000 χ^2/NDF: 2751.4/16

Left Out: 69.695+/-0.168 χ^2/NDF:5072.0/18

Right Out: 27.342+/-0.000 χ^2/NDF: 25810.4/18

Left In: 68.146+/-0.148 χ^2/NDF:4912.9/16

+ sign 48.450+/-0.000 χ^2/NDF: 23784.6/35

All: 28.365+/-0.000 χ^2/NDF: 102629010488

- sign 27.342+/-0.000 χ^2/NDF: 106460.8/35

dit_sam6_4eX_slope vs Slug

Right In: -18.800+/-0.148 χ^2/NDF: 11764.7/16

Left Out: 1.154+/-0.168 χ^2/NDF:8097.5/18

Right Out: -5.568+/-0.000 χ^2/NDF: 23097.3/18

Left In: 1.947+/-0.148 χ^2/NDF:4757.7/16

+ sign -10.047+/-0.111 χ^2/NDF: 27789.2/35

All: -5.568+/-0.000 χ^2/NDF: 59856.1/71

- sign -5.568+/-0.000 χ^2/NDF: 30444.9/35

dit_sam6_11X12X_slope vs Slug

Right In: 0.830+/-0.000 χ^2/NDF: 14882.7/16

Left Out: 0.515+/-0.001 χ^2/NDF:12512.2/18

Right Out: 0.227+/-0.000 χ^2/NDF: 11819.9/18

Left In: 0.531+/-0.001 χ^2/NDF:9893.6/16

+ sign 0.830+/-0.000 χ^2/NDF: 114875.6/35

All: 0.289+/-0.000 χ^2/NDF: 29066082561457

- sign 0.227+/-0.000 χ^2/NDF: 101906.8/35

dit_sam6_4aY_slope vs Slug

Right In: 22.543+/-0.009 χ^2/NDF: 105452.8/16

Left Out: 16.390+/-0.005 χ^2/NDF:217568.8/18

Right Out: 23.023+/-0.009 χ^2/NDF: 165838.0/18

Left In: 16.632+/-0.006 χ^2/NDF:113459.8/16

+ sign 17.786+/-0.004 χ^2/NDF: 660689.9/35

All: 18.139+/-0.003 χ^2/NDF: 1300664.2/71

- sign 18.589+/-0.005 χ^2/NDF: 625563.1/35

dit_sam6_4eY_slope vs Slug

Right In: -2.596+/-0.000 χ^2/NDF: 7395182.7/16

Left Out: 104.729+/-0.011 χ^2/NDF:662545.3/18

Right Out: 1.758+/-0.000 χ^2/NDF: 4230949.4/18

Left In: 103.059+/-0.011 χ^2/NDF:467371.3/16

+ sign -2.596+/-0.000 χ^2/NDF: 107825645.5/35

All: -1.059+/-0.000 χ^2/NDF: 3731791751577

- sign 1.758+/-0.000 χ^2/NDF: 86357631.3/35

dit_sam7_4aX_slope vs Slug

Right In: 83.573+/-0.000 χ^2/NDF: 49468.0/16

Left Out: 86.802+/-0.069 χ^2/NDF:6755.1/18

Right Out: 93.762+/-0.000 χ^2/NDF: 82848.8/18

Left In: 86.327+/-0.059 χ^2/NDF:7348.4/16

+ sign 83.573+/-0.000 χ^2/NDF: 58398.3/35

All: 87.169+/-0.000 χ^2/NDF: 199568440414

- sign 93.762+/-0.000 χ^2/NDF: 106202.2/35

dit_sam7_4eX_slope vs Slug

Right In: -123.524+/-0.000 χ^2/NDF: 160356.5/16

Left Out: -130.172+/-0.069 χ^2/NDF:9380.0/18

Right Out: -133.456+/-0.000 χ^2/NDF: 394896.3/18

Left In: -129.748+/-0.058 χ^2/NDF:5464.0/16

+ sign -123.524+/-0.000 χ^2/NDF: 179072.5/35

All: -124.716+/-0.000 χ^2/NDF: 6446786990

- sign -133.456+/-0.000 χ^2/NDF: 404455.8/35

dit_sam7_11X12X_slope vs Slug

Right In: 0.376+/-0.000 χ^2/NDF: 3961.7/16

Left Out: 0.397+/-0.001 χ^2/NDF:7756.5/18

Right Out: 0.354+/-0.002 χ^2/NDF: 4592.7/18

Left In: 0.406+/-0.000 χ^2/NDF:7252.7/16

+ sign 0.376+/-0.000 χ^2/NDF: 13414.3/35

All: 0.376+/-0.000 χ^2/NDF: 29326.4/71

- sign 0.401+/-0.000 χ^2/NDF: 12936.7/35

dit_sam7_4aY_slope vs Slug

Right In: 7.032+/-0.000 χ^2/NDF: 19770.1/16

Left Out: 7.217+/-0.001 χ^2/NDF:29007.7/18

Right Out: 7.233+/-0.002 χ^2/NDF: 10061.8/18

Left In: 7.244+/-0.001 χ^2/NDF:18001.4/16

+ sign 7.032+/-0.000 χ^2/NDF: 88076.7/35

All: 7.032+/-0.000 χ^2/NDF: 184036.1/71

- sign 7.242+/-0.001 χ^2/NDF: 28080.1/35

dit_sam7_4eY_slope vs Slug

Right In: -10.092+/-0.000 χ^2/NDF: 543504.2/16

Left Out: -11.860+/-0.002 χ^2/NDF:483950.9/18

Right Out: -12.509+/-0.004 χ^2/NDF: 103509.4/18

Left In: -12.143+/-0.002 χ^2/NDF:38624.5/16

+ sign -10.092+/-0.000 χ^2/NDF: 2024387.4/35

All: -10.092+/-0.000 χ^2/NDF: 3913559.0/71

- sign -12.210+/-0.002 χ^2/NDF: 149896.9/35

dit_sam8_4aX_slope vs Slug

Right In: 57.510+/-0.000 χ^2/NDF: 8108.6/16

Left Out: 61.535+/-0.042 χ^2/NDF:6957.6/18

Right Out: 66.645+/-0.013 χ^2/NDF: 8163.8/18

Left In: 61.234+/-0.036 χ^2/NDF:7768.8/16

+ sign 57.510+/-0.000 χ^2/NDF: 24281.4/35

All: 57.510+/-0.000 χ^2/NDF: 539297.0/71

- sign 66.003+/-0.012 χ^2/NDF: 36239.3/35

dit_sam8_4eX_slope vs Slug

Right In: -74.974+/-0.000 χ^2/NDF: 130544.0/16

Left Out: -94.711+/-0.042 χ^2/NDF:7536.5/18

Right Out: -102.430+/-0.018 χ^2/NDF: 50377.5/18

Left In: -94.735+/-0.036 χ^2/NDF:9234.9/16

+ sign -74.974+/-0.000 χ^2/NDF: 359815.9/35

All: -74.974+/-0.000 χ^2/NDF: 3095274.3/71

- sign -100.921+/-0.016 χ^2/NDF: 96209.2/35

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:6325.9/18

Right Out: 0.030+/-0.000 χ^2/NDF: 121659.5/18

Left In: 0.372+/-0.000 χ^2/NDF:5744.0/16

+ sign 0.541+/-0.000 χ^2/NDF: 236728.0/35

All: 0.030+/-0.000 χ^2/NDF: 2331429770096

- sign 0.030+/-0.000 χ^2/NDF: 1276947.7/35

dit_sam8_4aY_slope vs Slug

Right In: -51.888+/-0.002 χ^2/NDF: 77585.2/16

Left Out: -48.576+/-0.001 χ^2/NDF:647105.0/18

Right Out: -52.684+/-0.003 χ^2/NDF: 56125.8/18

Left In: -48.742+/-0.001 χ^2/NDF:731460.7/16

+ sign -49.246+/-0.001 χ^2/NDF: 2487281.8/35

All: -49.242+/-0.001 χ^2/NDF: 5347906.4/71

- sign -49.239+/-0.001 χ^2/NDF: 2860596.8/35

dit_sam8_4eY_slope vs Slug

Right In: 47.545+/-0.000 χ^2/NDF: 3491700.1/16

Left Out: 54.757+/-0.003 χ^2/NDF:282791.5/18

Right Out: 63.095+/-0.007 χ^2/NDF: 333637.2/18

Left In: 54.751+/-0.003 χ^2/NDF:90795.2/16

+ sign 47.545+/-0.000 χ^2/NDF: 9608065.1/35

All: 47.545+/-0.000 χ^2/NDF: 21805501.3/71

- sign 55.678+/-0.002 χ^2/NDF: 1532582.9/35

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: 7067.553+/-0.143 χ^2/NDF:1071782.9/18

Right Out: 5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: 7014.543+/-0.122 χ^2/NDF:1510058.6/16

+ sign 6571.554+/-0.112 χ^2/NDF: 34225970.5/33

All: 6536.798+/-0.071 χ^2/NDF: 74669243.0/6

- sign 6513.497+/-0.092 χ^2/NDF: 40283463.6/32

dit_run_rms vs Slug

Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 7067.553+/-0.143 χ^2/NDF:1071782.9/18

Right Out: 5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: 7014.543+/-0.122 χ^2/NDF:1510058.6/16

+ sign 6571.554+/-0.112 χ^2/NDF: 34225970.5/33

All: 6536.798+/-0.071 χ^2/NDF: 74669243.0/6

- sign 6513.497+/-0.092 χ^2/NDF: 40283463.6/32

dit_slug_slope vs Slug

Right In: 114.980+/-0.000 χ^2/NDF: 112344936246012934714934440230912.0/16

+ sign 131.044+/-0.000 χ^2/NDF: 122549298930312

Left Out: 158.516+/-0.000 χ^2/NDF:811321888907852639489487672442 88.0/18

All: 133.783+/-0.000 χ^2/NDF: 200044793052

Right Out: 120.186+/-0.000 χ^2/NDF: 522332536442616955281980417638 40.0/18

- sign 137.165+/-0.000 χ^2/NDF: 735750466996656

Left In: 156.569+/-0.000 χ^2/NDF:595265167023760703010542578565 12.0/16

dit_cyclenum_mean vs Slug

Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 7959.773+/-0.550 χ^2/NDF:605853.4/18

Right Out: 5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: 7794.547+/-0.490 χ^2/NDF:979137.8/16

+ sign 7183.960+/-0.475 χ^2/NDF: 8715061.1/33

All: 6976.801+/-0.304 χ^2/NDF: 21069718.3/6

- sign 6833.427+/-0.395 χ^2/NDF: 12032323.2/32

dit_cyclenum_rms vs Slug

Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 7959.773+/-0.550 χ^2/NDF:605853.4/18

Right Out: 5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: 7794.547+/-0.490 χ^2/NDF:979137.8/16

+ sign 7183.960+/-0.475 χ^2/NDF: 8715061.1/33

All: 6976.801+/-0.304 χ^2/NDF: 21069718.3/6

- sign 6833.427+/-0.395 χ^2/NDF: 12032323.2/32

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:176.8/18

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: 1.000+/-0.000 χ^2/NDF:1081.3/16

+ sign 1.000+/-0.000 χ^2/NDF: 384.7/33

All: 1.000+/-0.000 χ^2/NDF: 1022.4/66

- sign 1.000+/-0.000 χ^2/NDF: 490.5/32

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:176.8/18

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: 1.000+/-0.000 χ^2/NDF:1081.3/16

+ sign 1.000+/-0.000 χ^2/NDF: 384.7/33

All: 1.000+/-0.000 χ^2/NDF: 1022.4/66

- sign 1.000+/-0.000 χ^2/NDF: 490.5/32

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:6401.6/14

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

Left In: 1.000+/-0.000 χ^2/NDF:3204.0/14

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1.000+/-0.000 χ^2/NDF: 12009.5/29

- 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: -5.437+/-0.085 χ^2/NDF:530.4/18

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

Left In: -5.084+/-0.087 χ^2/NDF:1046.3/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -5.264+/-0.061 χ^2/NDF: 1585.1/35

- 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: -53.332+/-0.064 χ^2/NDF:1201.2/18

Right Out: -57.736+/-0.143 χ^2/NDF: 4698.4/18

Left In: -53.271+/-0.067 χ^2/NDF:1928.9/16

+ sign -54.052+/-0.058 χ^2/NDF: 5399.5/35

All: -54.063+/-0.042 χ^2/NDF: 12825.9/71

- sign -54.076+/-0.061 χ^2/NDF: 7426.4/35

reg_asym_sam1_diff_bpm4eX_slope vs Slug

Right In: 3.168+/-0.258 χ^2/NDF: 186.2/16

Left Out: -7.983+/-0.085 χ^2/NDF:1651.6/18

Right Out: 3.726+/-0.267 χ^2/NDF: 323.3/18

Left In: -8.646+/-0.086 χ^2/NDF:1266.5/16

+ sign -6.894+/-0.081 χ^2/NDF: 3527.1/35

All: -7.188+/-0.057 χ^2/NDF: 7089.1/71

- sign -7.490+/-0.082 χ^2/NDF: 3535.0/35

reg_asym_sam1_diff_bpm4eY_slope vs Slug

Right In: 10.306+/-0.157 χ^2/NDF: 3712.3/16

Left Out: 11.602+/-0.072 χ^2/NDF:1823.1/18

Right Out: 10.433+/-0.160 χ^2/NDF: 3828.5/18

Left In: 11.897+/-0.075 χ^2/NDF:2494.4/16

+ sign 11.374+/-0.066 χ^2/NDF: 5591.7/35

All: 11.498+/-0.047 χ^2/NDF: 11990.7/71

- sign 11.631+/-0.068 χ^2/NDF: 6391.6/35

reg_asym_sam1_diff_bpm12X_slope vs Slug

Right In: 0.303+/-0.008 χ^2/NDF: 646.6/16

Left Out: 0.466+/-0.003 χ^2/NDF:401.7/18

Right Out: 0.241+/-0.008 χ^2/NDF: 986.7/18

Left In: 0.460+/-0.003 χ^2/NDF:684.5/16

+ sign 0.444+/-0.003 χ^2/NDF: 1390.7/35

All: 0.438+/-0.002 χ^2/NDF: 3645.5/71

- sign 0.431+/-0.003 χ^2/NDF: 2246.8/35

reg_asym_sam2_diff_bpm1X_slope vs Slug

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

Left Out: -40.796+/-0.518 χ^2/NDF:444.3/18

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

Left In: -38.022+/-0.537 χ^2/NDF:445.3/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -39.460+/-0.373 χ^2/NDF: 903.5/35

- 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: -28.739+/-0.379 χ^2/NDF:456.4/18

Right Out: -42.756+/-1.211 χ^2/NDF: 1341.6/18

Left In: -29.811+/-0.397 χ^2/NDF:1237.0/16

+ sign -29.697+/-0.360 χ^2/NDF: 1652.8/35

All: -30.349+/-0.260 χ^2/NDF: 4341.6/71

- sign -31.067+/-0.377 χ^2/NDF: 2681.8/35

reg_asym_sam2_diff_bpm4eX_slope vs Slug

Right In: -114.996+/-2.072 χ^2/NDF: 141.8/16

Left Out: -144.257+/-0.517 χ^2/NDF:918.3/18

Right Out: -112.510+/-2.207 χ^2/NDF: 273.1/18

Left In: -145.660+/-0.530 χ^2/NDF:1138.7/16

+ sign -142.544+/-0.501 χ^2/NDF: 1247.8/35

All: -143.179+/-0.359 χ^2/NDF: 2876.3/71

- sign -143.850+/-0.516 χ^2/NDF: 1625.2/35

reg_asym_sam2_diff_bpm4eY_slope vs Slug

Right In: -175.696+/-1.268 χ^2/NDF: 692.9/16

Left Out: -144.942+/-0.433 χ^2/NDF:901.7/18

Right Out: -173.666+/-1.356 χ^2/NDF: 737.7/18

Left In: -142.453+/-0.453 χ^2/NDF:1514.6/16

+ sign -148.152+/-0.410 χ^2/NDF: 2121.8/35

All: -146.932+/-0.296 χ^2/NDF: 4869.5/71

- sign -145.589+/-0.430 χ^2/NDF: 2729.1/35

reg_asym_sam2_diff_bpm12X_slope vs Slug

Right In: 0.067+/-0.067 χ^2/NDF: 526.1/16

Left Out: 1.580+/-0.020 χ^2/NDF:328.0/18

Right Out: -0.440+/-0.071 χ^2/NDF: 754.9/18

Left In: 1.585+/-0.021 χ^2/NDF:591.8/16

+ sign 1.456+/-0.019 χ^2/NDF: 1322.7/35

All: 1.443+/-0.014 χ^2/NDF: 3418.9/71

- sign 1.428+/-0.020 χ^2/NDF: 2095.2/35

reg_asym_sam3_diff_bpm1X_slope vs Slug

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

Left Out: -31.053+/-0.203 χ^2/NDF:2339.1/18

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

Left In: -29.738+/-0.206 χ^2/NDF:2691.0/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -30.405+/-0.145 χ^2/NDF: 5050.8/35

- 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: -3.322+/-0.149 χ^2/NDF:455.5/18

Right Out: -3.954+/-0.507 χ^2/NDF: 123.3/18

Left In: -3.437+/-0.150 χ^2/NDF:568.0/16

+ sign -3.358+/-0.143 χ^2/NDF: 621.5/35

All: -3.418+/-0.102 χ^2/NDF: 1314.2/71

- sign -3.479+/-0.144 χ^2/NDF: 692.3/35

reg_asym_sam3_diff_bpm4eX_slope vs Slug

Right In: -45.101+/-0.881 χ^2/NDF: 229.9/16

Left Out: -59.907+/-0.204 χ^2/NDF:6811.2/18

Right Out: -42.979+/-0.877 χ^2/NDF: 248.9/18

Left In: -59.172+/-0.205 χ^2/NDF:7051.3/16

+ sign -59.154+/-0.199 χ^2/NDF: 7309.3/35

All: -58.746+/-0.141 χ^2/NDF: 14940.9/71

- sign -58.335+/-0.199 χ^2/NDF: 7623.2/35

reg_asym_sam3_diff_bpm4eY_slope vs Slug

Right In: 23.079+/-0.556 χ^2/NDF: 461.1/16

Left Out: 24.763+/-0.170 χ^2/NDF:561.2/18

Right Out: 22.397+/-0.572 χ^2/NDF: 370.3/18

Left In: 24.847+/-0.174 χ^2/NDF:641.6/16

+ sign 24.618+/-0.163 χ^2/NDF: 1030.7/35

All: 24.629+/-0.116 χ^2/NDF: 2059.4/71

- sign 24.641+/-0.166 χ^2/NDF: 1028.7/35

reg_asym_sam3_diff_bpm12X_slope vs Slug

Right In: -0.377+/-0.030 χ^2/NDF: 437.1/16

Left Out: 0.194+/-0.008 χ^2/NDF:129.2/18

Right Out: -0.601+/-0.030 χ^2/NDF: 555.6/18

Left In: 0.182+/-0.008 χ^2/NDF:319.2/16

+ sign 0.158+/-0.008 χ^2/NDF: 903.7/35

All: 0.144+/-0.005 χ^2/NDF: 2414.3/71

- sign 0.130+/-0.008 χ^2/NDF: 1504.0/35

reg_asym_sam4_diff_bpm1X_slope vs Slug

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

Left Out: -57.009+/-0.504 χ^2/NDF:2394.9/18

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

Left In: -55.659+/-0.517 χ^2/NDF:2171.3/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -56.352+/-0.361 χ^2/NDF: 4569.7/35

- 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: 23.704+/-0.366 χ^2/NDF:1127.2/18

Right Out: 27.648+/-0.810 χ^2/NDF: 1009.2/18

Left In: 24.404+/-0.379 χ^2/NDF:1105.8/16

+ sign 23.901+/-0.333 χ^2/NDF: 1819.7/35

All: 24.427+/-0.239 χ^2/NDF: 3952.9/71

- sign 24.987+/-0.344 χ^2/NDF: 2128.1/35

reg_asym_sam4_diff_bpm4eX_slope vs Slug

Right In: -76.728+/-1.412 χ^2/NDF: 1042.0/16

Left Out: -114.731+/-0.503 χ^2/NDF:2337.7/18

Right Out: -77.773+/-1.352 χ^2/NDF: 871.8/18

Left In: -114.356+/-0.512 χ^2/NDF:2992.2/16

+ sign -110.454+/-0.474 χ^2/NDF: 4022.4/35

All: -110.117+/-0.337 χ^2/NDF: 8527.7/71

- sign -109.773+/-0.479 χ^2/NDF: 4504.2/35

reg_asym_sam4_diff_bpm4eY_slope vs Slug

Right In: 184.271+/-0.914 χ^2/NDF: 5401.0/16

Left Out: 190.962+/-0.420 χ^2/NDF:2090.0/18

Right Out: 177.930+/-0.924 χ^2/NDF: 6330.9/18

Left In: 187.689+/-0.436 χ^2/NDF:1762.7/16

+ sign 189.793+/-0.382 χ^2/NDF: 7535.2/35

All: 187.915+/-0.274 χ^2/NDF: 15770.1/71

- sign 185.908+/-0.395 χ^2/NDF: 8184.8/35

reg_asym_sam4_diff_bpm12X_slope vs Slug

Right In: -1.196+/-0.048 χ^2/NDF: 623.1/16

Left Out: -0.676+/-0.019 χ^2/NDF:614.6/18

Right Out: -1.385+/-0.046 χ^2/NDF: 924.4/18

Left In: -0.661+/-0.020 χ^2/NDF:1309.6/16

+ sign -0.750+/-0.018 χ^2/NDF: 1338.2/35

All: -0.763+/-0.013 χ^2/NDF: 3783.2/71

- sign -0.777+/-0.018 χ^2/NDF: 2443.8/35

reg_asym_sam5_diff_bpm1X_slope vs Slug

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

Left Out: -3.552+/-0.243 χ^2/NDF:701.3/18

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

Left In: -3.343+/-0.248 χ^2/NDF:839.3/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -3.449+/-0.174 χ^2/NDF: 1540.9/35

- 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: 54.443+/-0.178 χ^2/NDF:908.1/18

Right Out: 59.477+/-0.248 χ^2/NDF: 1317.0/18

Left In: 54.779+/-0.187 χ^2/NDF:1054.1/16

+ sign 56.381+/-0.147 χ^2/NDF: 2211.6/35

All: 56.432+/-0.105 χ^2/NDF: 4811.7/71

- sign 56.485+/-0.149 χ^2/NDF: 2599.8/35

reg_asym_sam5_diff_bpm4eX_slope vs Slug

Right In: 1.914+/-0.458 χ^2/NDF: 121.6/16

Left Out: 9.001+/-0.241 χ^2/NDF:609.5/18

Right Out: 0.960+/-0.424 χ^2/NDF: 149.5/18

Left In: 8.825+/-0.244 χ^2/NDF:977.7/16

+ sign 7.461+/-0.213 χ^2/NDF: 918.8/35

All: 7.162+/-0.150 χ^2/NDF: 2308.1/71

- sign 6.868+/-0.212 χ^2/NDF: 1385.4/35

reg_asym_sam5_diff_bpm4eY_slope vs Slug

Right In: 45.344+/-0.303 χ^2/NDF: 25071.0/16

Left Out: 87.857+/-0.204 χ^2/NDF:843.6/18

Right Out: 46.007+/-0.289 χ^2/NDF: 28219.9/18

Left In: 86.765+/-0.212 χ^2/NDF:920.4/16

+ sign 74.633+/-0.169 χ^2/NDF: 39456.1/35

All: 73.576+/-0.120 χ^2/NDF: 81558.4/71

- sign 72.492+/-0.171 χ^2/NDF: 42023.3/35

reg_asym_sam5_diff_bpm12X_slope vs Slug

Right In: 0.201+/-0.014 χ^2/NDF: 217.8/16

Left Out: -0.337+/-0.009 χ^2/NDF:737.3/18

Right Out: 0.117+/-0.013 χ^2/NDF: 500.1/18

Left In: -0.309+/-0.009 χ^2/NDF:1568.6/16

+ sign -0.173+/-0.008 χ^2/NDF: 1977.6/35

All: -0.168+/-0.005 χ^2/NDF: 4753.6/71

- sign -0.163+/-0.008 χ^2/NDF: 2775.2/35

reg_asym_sam6_diff_bpm1X_slope vs Slug

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

Left Out: 21.018+/-0.256 χ^2/NDF:414.7/18

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

Left In: 19.709+/-0.266 χ^2/NDF:487.2/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 20.390+/-0.185 χ^2/NDF: 914.5/35

- 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: 41.989+/-0.187 χ^2/NDF:916.3/18

Right Out: 53.328+/-0.227 χ^2/NDF: 872.7/18

Left In: 42.515+/-0.199 χ^2/NDF:1564.4/16

+ sign 46.834+/-0.140 χ^2/NDF: 3643.8/35

All: 47.013+/-0.102 χ^2/NDF: 7370.2/71

- sign 47.217+/-0.149 χ^2/NDF: 3722.9/35

reg_asym_sam6_diff_bpm4eX_slope vs Slug

Right In: -2.361+/-0.364 χ^2/NDF: 840.8/16

Left Out: 50.291+/-0.254 χ^2/NDF:1200.3/18

Right Out: -1.035+/-0.377 χ^2/NDF: 507.7/18

Left In: 52.000+/-0.262 χ^2/NDF:989.5/16

+ sign 33.032+/-0.208 χ^2/NDF: 16119.9/35

All: 33.852+/-0.150 χ^2/NDF: 31000.5/71

- sign 34.728+/-0.215 χ^2/NDF: 14848.4/35

reg_asym_sam6_diff_bpm4eY_slope vs Slug

Right In: 0.541+/-0.247 χ^2/NDF: 18423.8/16

Left Out: 70.540+/-0.214 χ^2/NDF:2328.3/18

Right Out: 1.990+/-0.267 χ^2/NDF: 15476.7/18

Left In: 69.899+/-0.226 χ^2/NDF:2774.7/16

+ sign 40.478+/-0.162 χ^2/NDF: 66683.4/35

All: 40.948+/-0.118 χ^2/NDF: 122709.3/71

- sign 41.482+/-0.172 χ^2/NDF: 56007.8/35

reg_asym_sam6_diff_bpm12X_slope vs Slug

Right In: 0.105+/-0.011 χ^2/NDF: 400.7/16

Left Out: -0.356+/-0.010 χ^2/NDF:394.3/18

Right Out: 0.088+/-0.011 χ^2/NDF: 391.0/18

Left In: -0.361+/-0.010 χ^2/NDF:960.2/16

+ sign -0.152+/-0.007 χ^2/NDF: 1768.4/35

All: -0.154+/-0.005 χ^2/NDF: 4024.8/71

- sign -0.156+/-0.007 χ^2/NDF: 2256.2/35

reg_asym_sam7_diff_bpm1X_slope vs Slug

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

Left Out: 13.620+/-0.081 χ^2/NDF:2634.7/18

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

Left In: 13.662+/-0.085 χ^2/NDF:3306.3/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 13.640+/-0.059 χ^2/NDF: 5941.2/35

- 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: 10.370+/-0.060 χ^2/NDF:1951.4/18

Right Out: 11.104+/-0.116 χ^2/NDF: 817.2/18

Left In: 10.335+/-0.062 χ^2/NDF:1808.7/16

+ sign 10.341+/-0.053 χ^2/NDF: 2830.2/35

All: 10.421+/-0.038 χ^2/NDF: 5494.7/71

- sign 10.507+/-0.055 χ^2/NDF: 2659.8/35

reg_asym_sam7_diff_bpm4eX_slope vs Slug

Right In: -72.201+/-0.198 χ^2/NDF: 5566.9/16

Left Out: -49.266+/-0.082 χ^2/NDF:4197.3/18

Right Out: -76.003+/-0.181 χ^2/NDF: 3465.4/18

Left In: -49.026+/-0.084 χ^2/NDF:5041.3/16

+ sign -52.619+/-0.076 χ^2/NDF: 21255.8/35

All: -53.224+/-0.054 χ^2/NDF: 48153.6/71

- sign -53.842+/-0.076 χ^2/NDF: 26768.4/35

reg_asym_sam7_diff_bpm4eY_slope vs Slug

Right In: -16.072+/-0.132 χ^2/NDF: 1640.9/16

Left Out: -17.375+/-0.068 χ^2/NDF:1937.1/18

Right Out: -16.799+/-0.128 χ^2/NDF: 1215.8/18

Left In: -17.586+/-0.072 χ^2/NDF:1732.3/16

+ sign -17.100+/-0.061 χ^2/NDF: 3654.7/35

All: -17.244+/-0.044 χ^2/NDF: 6643.1/71

- sign -17.398+/-0.063 χ^2/NDF: 2976.7/35

reg_asym_sam7_diff_bpm12X_slope vs Slug

Right In: -0.198+/-0.008 χ^2/NDF: 6338.8/16

Left Out: 0.409+/-0.003 χ^2/NDF:233.7/18

Right Out: -0.237+/-0.007 χ^2/NDF: 6221.9/18

Left In: 0.402+/-0.003 χ^2/NDF:272.3/16

+ sign 0.317+/-0.003 χ^2/NDF: 12071.7/35

All: 0.304+/-0.002 χ^2/NDF: 25144.3/71

- sign 0.290+/-0.003 χ^2/NDF: 13030.2/35

reg_asym_sam8_diff_bpm1X_slope vs Slug

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

Left Out: 4.916+/-0.066 χ^2/NDF:8790.2/18

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

Left In: 4.692+/-0.070 χ^2/NDF:10214.5/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4.810+/-0.048 χ^2/NDF: 19010.1/35

- 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: -38.041+/-0.048 χ^2/NDF:6844.3/18

Right Out: -40.052+/-0.073 χ^2/NDF: 11313.5/18

Left In: -37.669+/-0.052 χ^2/NDF:9513.8/16

+ sign -39.194+/-0.041 χ^2/NDF: 15460.2/35

All: -38.841+/-0.029 χ^2/NDF: 37151.4/71

- sign -38.469+/-0.042 χ^2/NDF: 21539.4/35

reg_asym_sam8_diff_bpm4eX_slope vs Slug

Right In: -48.743+/-0.124 χ^2/NDF: 14658.5/16

Left Out: -33.775+/-0.067 χ^2/NDF:8323.1/18

Right Out: -48.091+/-0.107 χ^2/NDF: 11731.5/18

Left In: -33.884+/-0.069 χ^2/NDF:10610.5/16

+ sign -37.108+/-0.059 χ^2/NDF: 34230.4/35

All: -37.599+/-0.041 χ^2/NDF: 69079.0/71

- sign -38.083+/-0.058 χ^2/NDF: 34709.8/35

reg_asym_sam8_diff_bpm4eY_slope vs Slug

Right In: 43.782+/-0.087 χ^2/NDF: 10638.7/16

Left Out: 40.487+/-0.055 χ^2/NDF:5656.7/18

Right Out: 40.530+/-0.080 χ^2/NDF: 17580.7/18

Left In: 40.256+/-0.059 χ^2/NDF:6995.0/16

+ sign 41.446+/-0.047 χ^2/NDF: 17321.3/35

All: 40.910+/-0.033 χ^2/NDF: 42172.8/71

- sign 40.353+/-0.048 χ^2/NDF: 24583.3/35

reg_asym_sam8_diff_bpm12X_slope vs Slug

Right In: -0.178+/-0.005 χ^2/NDF: 7375.8/16

Left Out: 0.231+/-0.003 χ^2/NDF:1016.5/18

Right Out: -0.219+/-0.004 χ^2/NDF: 7470.0/18

Left In: 0.220+/-0.003 χ^2/NDF:1830.6/16

+ sign 0.140+/-0.002 χ^2/NDF: 13952.7/35

All: 0.118+/-0.002 χ^2/NDF: 30892.9/71

- sign 0.095+/-0.002 χ^2/NDF: 16744.0/35

reg_asym_usl_diff_bpm1X_slope vs Slug

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

Left Out: -76.032+/-0.478 χ^2/NDF:898.4/17

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

Left In: -75.785+/-0.483 χ^2/NDF:663.0/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -75.910+/-0.340 χ^2/NDF: 1561.4/34

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usl_diff_bpm4aY_slope vs Slug

Right In: 7.063+/-0.434 χ^2/NDF: 446.9/15

Left Out: 2.618+/-0.334 χ^2/NDF:135.1/17

Right Out: 8.816+/-0.449 χ^2/NDF: 350.4/17

Left In: 2.628+/-0.343 χ^2/NDF:140.8/16

+ sign 4.271+/-0.264 χ^2/NDF: 648.0/33

All: 4.581+/-0.190 χ^2/NDF: 1261.8/68

- sign 4.912+/-0.273 χ^2/NDF: 611.0/34

reg_asym_usl_diff_bpm4eX_slope vs Slug

Right In: 58.913+/-0.831 χ^2/NDF: 1496.7/15

Left Out: 16.270+/-0.471 χ^2/NDF:1180.6/17

Right Out: 64.803+/-0.840 χ^2/NDF: 1718.2/17

Left In: 15.959+/-0.473 χ^2/NDF:968.9/16

+ sign 26.625+/-0.410 χ^2/NDF: 4669.1/33

All: 27.170+/-0.291 χ^2/NDF: 9925.0/68

- sign 27.722+/-0.412 χ^2/NDF: 5252.4/34

reg_asym_usl_diff_bpm4eY_slope vs Slug

Right In: 9.583+/-0.501 χ^2/NDF: 554.4/15

Left Out: 18.641+/-0.390 χ^2/NDF:165.7/17

Right Out: 7.516+/-0.516 χ^2/NDF: 569.8/17

Left In: 18.675+/-0.400 χ^2/NDF:373.4/16

+ sign 15.226+/-0.308 χ^2/NDF: 923.7/33

All: 14.862+/-0.221 χ^2/NDF: 2161.9/68

- sign 14.477+/-0.316 χ^2/NDF: 1235.3/34

reg_asym_usl_diff_bpm12X_slope vs Slug

Right In: -39.777+/-0.031 χ^2/NDF: 26158.0/15

Left Out: -41.484+/-0.018 χ^2/NDF:141355.8/17

Right Out: -41.651+/-0.031 χ^2/NDF: 94457.5/17

Left In: -41.531+/-0.019 χ^2/NDF:112142.0/16

+ sign -41.038+/-0.016 χ^2/NDF: 169745.1/33

All: -41.299+/-0.011 χ^2/NDF: 376897.4/68

- sign -41.562+/-0.016 χ^2/NDF: 206610.5/34

reg_asym_usr_diff_bpm1X_slope vs Slug

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

Left Out: -65.191+/-0.468 χ^2/NDF:997.3/18

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

Left In: -65.761+/-0.481 χ^2/NDF:936.4/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -65.468+/-0.336 χ^2/NDF: 1934.4/35

- 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: 2.295+/-0.327 χ^2/NDF:439.0/18

Right Out: 7.565+/-0.652 χ^2/NDF: 270.2/18

Left In: 2.469+/-0.341 χ^2/NDF:373.2/16

+ sign 2.858+/-0.289 χ^2/NDF: 748.1/35

All: 3.195+/-0.209 χ^2/NDF: 1442.4/71

- sign 3.565+/-0.302 χ^2/NDF: 691.4/35

reg_asym_usr_diff_bpm4eX_slope vs Slug

Right In: 153.298+/-1.145 χ^2/NDF: 2266.8/16

Left Out: 123.841+/-0.463 χ^2/NDF:1114.9/18

Right Out: 162.747+/-1.177 χ^2/NDF: 1708.7/18

Left In: 123.854+/-0.472 χ^2/NDF:1154.1/16

+ sign 127.976+/-0.429 χ^2/NDF: 3950.9/35

All: 128.595+/-0.306 χ^2/NDF: 7759.2/71

- sign 129.240+/-0.438 χ^2/NDF: 3804.1/35

reg_asym_usr_diff_bpm4eY_slope vs Slug

Right In: 10.878+/-0.713 χ^2/NDF: 388.1/16

Left Out: 15.437+/-0.382 χ^2/NDF:665.6/18

Right Out: 7.014+/-0.748 χ^2/NDF: 424.5/18

Left In: 15.223+/-0.398 χ^2/NDF:645.8/16

+ sign 14.421+/-0.337 χ^2/NDF: 1085.4/35

All: 13.938+/-0.243 χ^2/NDF: 2253.9/71

- sign 13.412+/-0.351 χ^2/NDF: 1164.2/35

reg_asym_usr_diff_bpm12X_slope vs Slug

Right In: -41.265+/-0.038 χ^2/NDF: 12570.1/16

Left Out: -40.177+/-0.018 χ^2/NDF:82624.4/18

Right Out: -41.144+/-0.039 χ^2/NDF: 12218.7/18

Left In: -39.485+/-0.019 χ^2/NDF:50329.5/16

+ sign -40.375+/-0.016 χ^2/NDF: 95848.5/35

All: -40.090+/-0.012 χ^2/NDF: 160508.1/71

- sign -39.795+/-0.017 χ^2/NDF: 64047.7/35

reg_asym_dsl_diff_bpm1X_slope vs Slug

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

Left Out: -0.089+/-0.029 χ^2/NDF:28.5/17

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

Left In: -0.043+/-0.029 χ^2/NDF:20.3/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.066+/-0.020 χ^2/NDF: 50.0/34

- 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: -0.074+/-0.020 χ^2/NDF:22.7/17

Right Out: -0.051+/-0.029 χ^2/NDF: 25.8/17

Left In: -0.053+/-0.021 χ^2/NDF:23.5/16

+ sign -0.049+/-0.016 χ^2/NDF: 40.0/33

All: -0.050+/-0.012 χ^2/NDF: 89.4/68

- sign -0.052+/-0.017 χ^2/NDF: 49.3/34

reg_asym_dsl_diff_bpm4eX_slope vs Slug

Right In: 0.171+/-0.052 χ^2/NDF: 13.7/15

Left Out: 0.077+/-0.028 χ^2/NDF:27.3/17

Right Out: 0.239+/-0.054 χ^2/NDF: 21.8/17

Left In: 0.039+/-0.028 χ^2/NDF:23.7/16

+ sign 0.098+/-0.025 χ^2/NDF: 43.5/33

All: 0.090+/-0.018 χ^2/NDF: 99.9/68

- sign 0.083+/-0.025 χ^2/NDF: 56.2/34

reg_asym_dsl_diff_bpm4eY_slope vs Slug

Right In: -0.011+/-0.033 χ^2/NDF: 13.8/15

Left Out: 0.093+/-0.024 χ^2/NDF:25.2/17

Right Out: 0.059+/-0.034 χ^2/NDF: 20.6/17

Left In: 0.073+/-0.024 χ^2/NDF:22.1/16

+ sign 0.057+/-0.019 χ^2/NDF: 45.7/33

All: 0.063+/-0.014 χ^2/NDF: 88.7/68

- sign 0.068+/-0.020 χ^2/NDF: 42.8/34

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:13.8/17

Right Out: -0.012+/-0.002 χ^2/NDF: 11891.5/17

Left In: -0.010+/-0.001 χ^2/NDF:31.0/16

+ sign -0.009+/-0.001 χ^2/NDF: 29.3/33

All: -0.010+/-0.001 χ^2/NDF: 11953.7/68

- sign -0.011+/-0.001 χ^2/NDF: 11923.6/34

reg_asym_dsr_diff_bpm1X_slope vs Slug

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

Left Out: -0.019+/-0.034 χ^2/NDF:24.8/18

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

Left In: -0.019+/-0.035 χ^2/NDF:15.5/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.019+/-0.024 χ^2/NDF: 40.3/35

- 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: -0.045+/-0.024 χ^2/NDF:19.9/18

Right Out: -0.128+/-0.039 χ^2/NDF: 17.6/18

Left In: -0.130+/-0.025 χ^2/NDF:15.7/16

+ sign -0.039+/-0.020 χ^2/NDF: 43.5/35

All: -0.082+/-0.015 χ^2/NDF: 86.4/71

- sign -0.130+/-0.021 χ^2/NDF: 33.3/35

reg_asym_dsr_diff_bpm4eX_slope vs Slug

Right In: -0.129+/-0.067 χ^2/NDF: 23.7/16

Left Out: 0.010+/-0.033 χ^2/NDF:24.3/18

Right Out: -0.172+/-0.071 χ^2/NDF: 15.0/18

Left In: -0.007+/-0.034 χ^2/NDF:14.2/16

+ sign -0.018+/-0.030 χ^2/NDF: 51.6/35

All: -0.027+/-0.021 χ^2/NDF: 85.4/71

- sign -0.037+/-0.031 χ^2/NDF: 33.6/35

reg_asym_dsr_diff_bpm4eY_slope vs Slug

Right In: 0.021+/-0.042 χ^2/NDF: 22.5/16

Left Out: 0.053+/-0.028 χ^2/NDF:19.7/18

Right Out: 0.152+/-0.045 χ^2/NDF: 16.2/18

Left In: 0.142+/-0.029 χ^2/NDF:16.0/16

+ sign 0.043+/-0.023 χ^2/NDF: 42.6/35

All: 0.091+/-0.017 χ^2/NDF: 83.9/71

- sign 0.145+/-0.025 χ^2/NDF: 32.3/35

reg_asym_dsr_diff_bpm12X_slope vs Slug

Right In: 0.001+/-0.002 χ^2/NDF: 32.4/16

Left Out: 0.009+/-0.001 χ^2/NDF:18.7/18

Right Out: 0.001+/-0.002 χ^2/NDF: 10449.1/18

Left In: 0.011+/-0.001 χ^2/NDF:9.8/16

+ sign 0.007+/-0.001 χ^2/NDF: 61.5/35

All: 0.008+/-0.001 χ^2/NDF: 10533.9/71

- sign 0.008+/-0.001 χ^2/NDF: 10472.2/35

reg_asym_us_avg_diff_bpm1X_slope vs Slug

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

Left Out: -70.427+/-0.410 χ^2/NDF:1013.4/17

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

Left In: -71.006+/-0.413 χ^2/NDF:914.9/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -70.714+/-0.291 χ^2/NDF: 1929.2/34

- 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: 2.673+/-0.282 χ^2/NDF:296.4/17

Right Out: 8.142+/-0.454 χ^2/NDF: 407.7/17

Left In: 2.914+/-0.290 χ^2/NDF:278.1/16

+ sign 3.569+/-0.235 χ^2/NDF: 792.0/33

All: 3.982+/-0.169 χ^2/NDF: 1578.6/68

- sign 4.429+/-0.244 χ^2/NDF: 780.1/34

reg_asym_us_avg_diff_bpm4eX_slope vs Slug

Right In: 101.631+/-0.807 χ^2/NDF: 2978.9/15

Left Out: 69.541+/-0.403 χ^2/NDF:1196.5/17

Right Out: 110.756+/-0.836 χ^2/NDF: 2513.0/17

Left In: 69.985+/-0.404 χ^2/NDF:1227.6/16

+ sign 75.949+/-0.361 χ^2/NDF: 5441.0/33

All: 76.815+/-0.256 χ^2/NDF: 11120.9/68

- sign 77.697+/-0.364 χ^2/NDF: 5668.2/34

reg_asym_us_avg_diff_bpm4eY_slope vs Slug

Right In: 10.508+/-0.492 χ^2/NDF: 581.5/15

Left Out: 16.532+/-0.332 χ^2/NDF:450.7/17

Right Out: 7.477+/-0.524 χ^2/NDF: 689.3/17

Left In: 16.332+/-0.340 χ^2/NDF:605.4/16

+ sign 14.650+/-0.275 χ^2/NDF: 1135.3/33

All: 14.198+/-0.198 χ^2/NDF: 2636.7/68

- sign 13.713+/-0.285 χ^2/NDF: 1495.8/34

reg_asym_us_avg_diff_bpm12X_slope vs Slug

Right In: -40.080+/-0.028 χ^2/NDF: 25123.9/15

Left Out: -40.525+/-0.016 χ^2/NDF:124309.3/17

Right Out: -41.609+/-0.029 χ^2/NDF: 61784.6/17

Left In: -40.441+/-0.016 χ^2/NDF:100364.1/16

+ sign -40.418+/-0.014 χ^2/NDF: 149622.5/33

All: -40.567+/-0.010 χ^2/NDF: 313281.3/68

- sign -40.717+/-0.014 χ^2/NDF: 163425.5/34

reg_asym_us_dd_diff_bpm1X_slope vs Slug

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

Left Out: -6.575+/-0.238 χ^2/NDF:572.9/17

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

Left In: -5.715+/-0.240 χ^2/NDF:500.6/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -6.148+/-0.169 χ^2/NDF: 1079.9/34

- 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: 0.505+/-0.171 χ^2/NDF:227.5/17

Right Out: 0.906+/-0.354 χ^2/NDF: 42.0/17

Left In: 0.380+/-0.175 χ^2/NDF:211.8/16

+ sign 0.599+/-0.153 χ^2/NDF: 271.9/33

All: 0.543+/-0.109 χ^2/NDF: 527.8/68

- sign 0.483+/-0.157 χ^2/NDF: 255.6/34

reg_asym_us_dd_diff_bpm4eX_slope vs Slug

Right In: -52.148+/-0.612 χ^2/NDF: 230.2/15

Left Out: -52.394+/-0.235 χ^2/NDF:626.3/17

Right Out: -52.346+/-0.616 χ^2/NDF: 235.7/17

Left In: -53.159+/-0.236 χ^2/NDF:561.2/16

+ sign -52.363+/-0.220 χ^2/NDF: 856.7/33

All: -52.708+/-0.155 χ^2/NDF: 1660.0/68

- sign -53.055+/-0.220 χ^2/NDF: 798.4/34

reg_asym_us_dd_diff_bpm4eY_slope vs Slug

Right In: -0.596+/-0.384 χ^2/NDF: 82.6/15

Left Out: 1.395+/-0.197 χ^2/NDF:289.0/17

Right Out: 0.416+/-0.400 χ^2/NDF: 95.8/17

Left In: 1.498+/-0.202 χ^2/NDF:261.4/16

+ sign 0.979+/-0.175 χ^2/NDF: 392.9/33

All: 1.124+/-0.126 χ^2/NDF: 757.3/68

- sign 1.278+/-0.180 χ^2/NDF: 363.0/34

reg_asym_us_dd_diff_bpm12X_slope vs Slug

Right In: 0.128+/-0.021 χ^2/NDF: 5252.9/15

Left Out: -1.175+/-0.009 χ^2/NDF:37663.3/17

Right Out: -1.631+/-0.022 χ^2/NDF: 77878.6/17

Left In: -1.203+/-0.009 χ^2/NDF:26408.8/16

+ sign -0.977+/-0.008 χ^2/NDF: 46032.2/33

All: -1.121+/-0.006 χ^2/NDF: 151242.2/68

- sign -1.267+/-0.008 χ^2/NDF: 104615.7/34

reg_asym_ds_avg_diff_bpm1X_slope vs Slug

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

Left Out: -0.056+/-0.023 χ^2/NDF:29.1/17

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

Left In: -0.027+/-0.023 χ^2/NDF:26.8/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.042+/-0.016 χ^2/NDF: 56.6/34

- 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: -0.064+/-0.016 χ^2/NDF:25.0/17

Right Out: -0.092+/-0.025 χ^2/NDF: 12.7/17

Left In: -0.097+/-0.017 χ^2/NDF:16.1/16

+ sign -0.047+/-0.013 χ^2/NDF: 40.4/33

All: -0.070+/-0.010 χ^2/NDF: 75.6/68

- sign -0.096+/-0.014 χ^2/NDF: 28.8/34

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug

Right In: 0.017+/-0.043 χ^2/NDF: 9.6/15

Left Out: 0.047+/-0.023 χ^2/NDF:27.0/17

Right Out: 0.030+/-0.045 χ^2/NDF: 9.2/17

Left In: 0.012+/-0.023 χ^2/NDF:27.9/16

+ sign 0.041+/-0.020 χ^2/NDF: 37.0/33

All: 0.028+/-0.014 χ^2/NDF: 75.0/68

- sign 0.016+/-0.020 χ^2/NDF: 37.2/34

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug

Right In: 0.007+/-0.027 χ^2/NDF: 12.1/15

Left Out: 0.077+/-0.019 χ^2/NDF:24.8/17

Right Out: 0.110+/-0.029 χ^2/NDF: 8.0/17

Left In: 0.113+/-0.020 χ^2/NDF:15.7/16

+ sign 0.053+/-0.016 χ^2/NDF: 41.4/33

All: 0.082+/-0.011 χ^2/NDF: 72.0/68

- sign 0.112+/-0.016 χ^2/NDF: 23.6/34

reg_asym_ds_avg_diff_bpm12X_slope vs Slug

Right In: -0.005+/-0.001 χ^2/NDF: 22.6/15

Left Out: 0.001+/-0.001 χ^2/NDF:18.5/17

Right Out: -0.006+/-0.001 χ^2/NDF: 26508.9/17

Left In: 0.001+/-0.001 χ^2/NDF:15.0/16

+ sign -0.001+/-0.001 χ^2/NDF: 55.1/33

All: -0.001+/-0.001 χ^2/NDF: 26593.3/68

- sign -0.001+/-0.001 χ^2/NDF: 26538.0/34

reg_asym_ds_dd_diff_bpm1X_slope vs Slug

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

Left Out: -0.031+/-0.023 χ^2/NDF:29.2/17

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

Left In: -0.000+/-0.023 χ^2/NDF:15.5/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.016+/-0.016 χ^2/NDF: 45.6/34

- 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: -0.014+/-0.016 χ^2/NDF:23.1/17

Right Out: 0.040+/-0.025 χ^2/NDF: 27.9/17

Left In: 0.038+/-0.017 χ^2/NDF:22.5/16

+ sign -0.006+/-0.013 χ^2/NDF: 49.3/33

All: 0.016+/-0.010 χ^2/NDF: 105.1/68

- sign 0.039+/-0.014 χ^2/NDF: 50.4/34

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug

Right In: 0.152+/-0.043 χ^2/NDF: 28.7/15

Left Out: 0.029+/-0.023 χ^2/NDF:28.3/17

Right Out: 0.200+/-0.045 χ^2/NDF: 22.9/17

Left In: 0.010+/-0.023 χ^2/NDF:17.2/16

+ sign 0.056+/-0.020 χ^2/NDF: 63.5/33

All: 0.053+/-0.014 χ^2/NDF: 117.8/68

- sign 0.049+/-0.020 χ^2/NDF: 54.3/34

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug

Right In: -0.014+/-0.027 χ^2/NDF: 25.2/15

Left Out: 0.020+/-0.019 χ^2/NDF:26.2/17

Right Out: -0.050+/-0.029 χ^2/NDF: 25.7/17

Left In: -0.035+/-0.020 χ^2/NDF:23.2/16

+ sign 0.009+/-0.016 χ^2/NDF: 52.4/33

All: -0.014+/-0.011 χ^2/NDF: 106.1/68

- sign -0.039+/-0.016 χ^2/NDF: 49.1/34

reg_asym_ds_dd_diff_bpm12X_slope vs Slug

Right In: -0.006+/-0.001 χ^2/NDF: 29.0/15

Left Out: -0.009+/-0.001 χ^2/NDF:14.1/17

Right Out: -0.006+/-0.001 χ^2/NDF: 165.9/17

Left In: -0.010+/-0.001 χ^2/NDF:30.1/16

+ sign -0.008+/-0.001 χ^2/NDF: 46.8/33

All: -0.009+/-0.001 χ^2/NDF: 249.1/68

- sign -0.009+/-0.001 χ^2/NDF: 201.9/34

reg_asym_left_avg_diff_bpm1X_slope vs Slug

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

Left Out: -38.073+/-0.240 χ^2/NDF:892.1/17

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

Left In: -37.920+/-0.242 χ^2/NDF:663.9/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -37.997+/-0.170 χ^2/NDF: 1556.2/34

- 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: 1.267+/-0.167 χ^2/NDF:134.8/17

Right Out: 4.370+/-0.225 χ^2/NDF: 353.8/17

Left In: 1.277+/-0.172 χ^2/NDF:139.9/16

+ sign 2.109+/-0.133 χ^2/NDF: 649.4/33

All: 2.258+/-0.095 χ^2/NDF: 1264.7/68

- sign 2.416+/-0.137 χ^2/NDF: 612.6/34

reg_asym_left_avg_diff_bpm4eX_slope vs Slug

Right In: 29.535+/-0.417 χ^2/NDF: 1494.9/15

Left Out: 8.189+/-0.236 χ^2/NDF:1175.4/17

Right Out: 32.816+/-0.423 χ^2/NDF: 1659.3/17

Left In: 8.000+/-0.237 χ^2/NDF:968.6/16

+ sign 13.376+/-0.205 χ^2/NDF: 4656.2/33

All: 13.659+/-0.146 χ^2/NDF: 9907.0/68

- sign 13.946+/-0.207 χ^2/NDF: 5247.0/34

reg_asym_left_avg_diff_bpm4eY_slope vs Slug

Right In: 4.789+/-0.251 χ^2/NDF: 553.9/15

Left Out: 9.371+/-0.195 χ^2/NDF:164.6/17

Right Out: 3.809+/-0.259 χ^2/NDF: 567.6/17

Left In: 9.391+/-0.201 χ^2/NDF:368.2/16

+ sign 7.643+/-0.154 χ^2/NDF: 925.7/33

All: 7.473+/-0.111 χ^2/NDF: 2154.4/68

- sign 7.294+/-0.159 χ^2/NDF: 1226.1/34

reg_asym_left_avg_diff_bpm12X_slope vs Slug

Right In: -19.895+/-0.016 χ^2/NDF: 26073.6/15

Left Out: -20.751+/-0.009 χ^2/NDF:140933.2/17

Right Out: -20.938+/-0.016 χ^2/NDF: 94065.2/17

Left In: -20.774+/-0.009 χ^2/NDF:111867.5/16

+ sign -20.527+/-0.008 χ^2/NDF: 169236.6/33

All: -20.671+/-0.006 χ^2/NDF: 375909.1/68

- sign -20.817+/-0.008 χ^2/NDF: 206013.8/34

reg_asym_left_dd_diff_bpm1X_slope vs Slug

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

Left Out: -37.988+/-0.240 χ^2/NDF:897.7/17

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

Left In: -37.893+/-0.242 χ^2/NDF:655.6/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -37.941+/-0.170 χ^2/NDF: 1553.4/34

- 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: 1.351+/-0.167 χ^2/NDF:135.1/17

Right Out: 4.303+/-0.222 χ^2/NDF: 352.8/17

Left In: 1.347+/-0.172 χ^2/NDF:140.7/16

+ sign 2.163+/-0.132 χ^2/NDF: 641.7/33

All: 2.307+/-0.095 χ^2/NDF: 1248.7/68

- sign 2.459+/-0.136 χ^2/NDF: 604.6/34

reg_asym_left_dd_diff_bpm4eX_slope vs Slug

Right In: 29.367+/-0.416 χ^2/NDF: 1488.7/15

Left Out: 8.107+/-0.236 χ^2/NDF:1178.6/17

Right Out: 29.719+/-0.402 χ^2/NDF: 2129.5/17

Left In: 7.983+/-0.237 χ^2/NDF:962.4/16

+ sign 13.274+/-0.205 χ^2/NDF: 4639.8/33

All: 13.431+/-0.145 χ^2/NDF: 9897.8/68

- sign 13.587+/-0.204 χ^2/NDF: 5256.8/34

reg_asym_left_dd_diff_bpm4eY_slope vs Slug

Right In: 4.794+/-0.251 χ^2/NDF: 550.0/15

Left Out: 9.273+/-0.195 χ^2/NDF:166.1/17

Right Out: 3.591+/-0.254 χ^2/NDF: 573.3/17

Left In: 9.297+/-0.201 χ^2/NDF:375.5/16

+ sign 7.584+/-0.154 χ^2/NDF: 914.3/33

All: 7.351+/-0.110 χ^2/NDF: 2177.7/68

- sign 7.109+/-0.158 χ^2/NDF: 1258.8/34

reg_asym_left_dd_diff_bpm12X_slope vs Slug

Right In: -19.883+/-0.016 χ^2/NDF: 26063.5/15

Left Out: -20.743+/-0.009 χ^2/NDF:141024.5/17

Right Out: -18.390+/-0.015 χ^2/NDF: 301247.7/17

Left In: -20.765+/-0.009 χ^2/NDF:111761.7/16

+ sign -20.518+/-0.008 χ^2/NDF: 169341.4/33

All: -20.301+/-0.006 χ^2/NDF: 602402.9/68

- sign -20.088+/-0.008 χ^2/NDF: 431586.5/34

reg_asym_right_avg_diff_bpm1X_slope vs Slug

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

Left Out: -32.606+/-0.235 χ^2/NDF:995.5/18

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

Left In: -32.895+/-0.241 χ^2/NDF:933.7/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -32.746+/-0.168 χ^2/NDF: 1930.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_right_avg_diff_bpm4aY_slope vs Slug

Right In: 2.444+/-0.311 χ^2/NDF: 295.3/16

Left Out: 1.120+/-0.164 χ^2/NDF:438.5/18

Right Out: 3.726+/-0.327 χ^2/NDF: 269.1/18

Left In: 1.169+/-0.171 χ^2/NDF:369.6/16

+ sign 1.407+/-0.145 χ^2/NDF: 748.0/35

All: 1.555+/-0.105 χ^2/NDF: 1437.0/71

- sign 1.718+/-0.151 χ^2/NDF: 686.8/35

reg_asym_right_avg_diff_bpm4eX_slope vs Slug

Right In: 76.572+/-0.573 χ^2/NDF: 2253.6/16

Left Out: 61.928+/-0.232 χ^2/NDF:1109.1/18

Right Out: 81.923+/-0.592 χ^2/NDF: 1570.6/18

Left In: 61.930+/-0.236 χ^2/NDF:1150.9/16

+ sign 63.987+/-0.215 χ^2/NDF: 3923.4/35

All: 64.326+/-0.154 χ^2/NDF: 7634.0/71

- sign 64.681+/-0.220 χ^2/NDF: 3705.4/35

reg_asym_right_avg_diff_bpm4eY_slope vs Slug

Right In: 5.442+/-0.357 χ^2/NDF: 387.5/16

Left Out: 7.751+/-0.191 χ^2/NDF:662.8/18

Right Out: 3.585+/-0.375 χ^2/NDF: 423.2/18

Left In: 7.685+/-0.199 χ^2/NDF:639.9/16

+ sign 7.236+/-0.169 χ^2/NDF: 1082.7/35

All: 7.019+/-0.122 χ^2/NDF: 2242.4/71

- sign 6.782+/-0.176 χ^2/NDF: 1156.2/35

reg_asym_right_avg_diff_bpm12X_slope vs Slug

Right In: -20.630+/-0.019 χ^2/NDF: 12490.5/16

Left Out: -20.084+/-0.009 χ^2/NDF:82282.8/18

Right Out: -20.650+/-0.019 χ^2/NDF: 13885.7/18

Left In: -19.738+/-0.009 χ^2/NDF:50111.7/16

+ sign -20.184+/-0.008 χ^2/NDF: 95430.0/35

All: -20.048+/-0.006 χ^2/NDF: 161773.7/71

- sign -19.907+/-0.008 χ^2/NDF: 65790.1/35

reg_asym_right_dd_diff_bpm1X_slope vs Slug

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

Left Out: -32.583+/-0.235 χ^2/NDF:989.5/18

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

Left In: -32.864+/-0.241 χ^2/NDF:929.5/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -32.720+/-0.168 χ^2/NDF: 1919.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_right_dd_diff_bpm4aY_slope vs Slug

Right In: 2.448+/-0.311 χ^2/NDF: 293.4/16

Left Out: 1.171+/-0.164 χ^2/NDF:435.3/18

Right Out: 3.611+/-0.318 χ^2/NDF: 279.4/18

Left In: 1.294+/-0.171 χ^2/NDF:372.6/16

+ sign 1.448+/-0.145 χ^2/NDF: 741.9/35

All: 1.624+/-0.104 χ^2/NDF: 1438.1/71

- sign 1.813+/-0.151 χ^2/NDF: 693.2/35

reg_asym_right_dd_diff_bpm4eX_slope vs Slug

Right In: 76.687+/-0.574 χ^2/NDF: 2265.1/16

Left Out: 61.911+/-0.232 χ^2/NDF:1110.3/18

Right Out: 70.386+/-0.550 χ^2/NDF: 4391.1/18

Left In: 61.924+/-0.237 χ^2/NDF:1146.0/16

+ sign 63.989+/-0.215 χ^2/NDF: 3945.6/35

All: 63.621+/-0.153 χ^2/NDF: 9688.5/71

- sign 63.246+/-0.217 χ^2/NDF: 5737.0/35

reg_asym_right_dd_diff_bpm4eY_slope vs Slug

Right In: 5.439+/-0.357 χ^2/NDF: 385.9/16

Left Out: 7.692+/-0.192 χ^2/NDF:661.5/18

Right Out: 3.275+/-0.365 χ^2/NDF: 425.8/18

Left In: 7.547+/-0.200 χ^2/NDF:644.6/16

+ sign 7.189+/-0.169 χ^2/NDF: 1078.3/35

All: 6.889+/-0.122 χ^2/NDF: 2260.5/71

- sign 6.565+/-0.175 χ^2/NDF: 1175.7/35

reg_asym_right_dd_diff_bpm12X_slope vs Slug

Right In: -20.632+/-0.019 χ^2/NDF: 12530.8/16

Left Out: -20.093+/-0.009 χ^2/NDF:82133.3/18

Right Out: -17.591+/-0.018 χ^2/NDF: 178680.7/18

Left In: -19.748+/-0.009 χ^2/NDF:50047.5/16

+ sign -20.191+/-0.008 χ^2/NDF: 95300.8/35

All: -19.744+/-0.006 χ^2/NDF: 341267.8/71

- sign -19.295+/-0.008 χ^2/NDF: 240057.8/35

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug

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

Left Out: -4.166+/-0.083 χ^2/NDF:1857.6/18

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

Left In: -3.962+/-0.085 χ^2/NDF:1981.9/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -4.066+/-0.059 χ^2/NDF: 3842.4/35

- 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: 0.306+/-0.060 χ^2/NDF:1316.6/18

Right Out: -7.060+/-0.059 χ^2/NDF: 12329.4/18

Left In: 0.397+/-0.063 χ^2/NDF:1628.9/16

+ sign -2.819+/-0.040 χ^2/NDF: 15524.5/35

All: -3.176+/-0.030 χ^2/NDF: 37090.5/71

- sign -3.582+/-0.043 χ^2/NDF: 21399.6/35

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug

Right In: 5.824+/-0.090 χ^2/NDF: 1452.6/16

Left Out: 0.077+/-0.082 χ^2/NDF:1987.2/18

Right Out: 6.056+/-0.093 χ^2/NDF: 2668.9/18

Left In: -0.314+/-0.084 χ^2/NDF:2148.2/16

+ sign 2.711+/-0.061 χ^2/NDF: 5669.1/35

All: 2.623+/-0.043 χ^2/NDF: 13069.8/71

- sign 2.530+/-0.062 χ^2/NDF: 7396.5/35

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug

Right In: 6.432+/-0.065 χ^2/NDF: 123486.3/16

Left Out: 49.787+/-0.069 χ^2/NDF:1308.4/18

Right Out: 10.060+/-0.070 χ^2/NDF: 121816.0/18

Left In: 49.365+/-0.072 χ^2/NDF:1436.9/16

+ sign 26.663+/-0.047 χ^2/NDF: 334332.5/35

All: 27.767+/-0.034 χ^2/NDF: 611900.6/71

- sign 29.013+/-0.050 χ^2/NDF: 276406.5/35

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug

Right In: 0.215+/-0.003 χ^2/NDF: 3930.1/16

Left Out: 0.069+/-0.003 χ^2/NDF:1022.1/18

Right Out: 0.186+/-0.003 χ^2/NDF: 2720.3/18

Left In: 0.078+/-0.003 χ^2/NDF:2121.0/16

+ sign 0.152+/-0.002 χ^2/NDF: 6156.9/35

All: 0.147+/-0.001 χ^2/NDF: 11672.0/71

- sign 0.142+/-0.002 χ^2/NDF: 5503.2/35

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug

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

Left Out: -0.753+/-0.162 χ^2/NDF:364.6/18

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

Left In: -0.721+/-0.165 χ^2/NDF:543.3/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.737+/-0.116 χ^2/NDF: 908.0/35

- 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: -54.015+/-0.120 χ^2/NDF:810.5/18

Right Out: -59.468+/-0.212 χ^2/NDF: 2912.7/18

Left In: -54.191+/-0.126 χ^2/NDF:995.4/16

+ sign -55.334+/-0.105 χ^2/NDF: 3333.4/35

All: -55.445+/-0.075 χ^2/NDF: 7702.0/71

- sign -55.562+/-0.108 χ^2/NDF: 4366.4/35

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug

Right In: 2.188+/-0.404 χ^2/NDF: 39.1/16

Left Out: -8.751+/-0.161 χ^2/NDF:385.1/18

Right Out: 2.733+/-0.388 χ^2/NDF: 58.9/18

Left In: -8.983+/-0.163 χ^2/NDF:687.9/16

+ sign -7.254+/-0.150 χ^2/NDF: 1056.7/35

All: -7.242+/-0.106 χ^2/NDF: 2580.2/71

- sign -7.229+/-0.150 χ^2/NDF: 1523.6/35

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug

Right In: -32.817+/-0.254 χ^2/NDF: 4666.6/16

Left Out: -38.105+/-0.136 χ^2/NDF:846.4/18

Right Out: -32.501+/-0.244 χ^2/NDF: 6037.9/18

Left In: -37.428+/-0.142 χ^2/NDF:1005.9/16

+ sign -36.922+/-0.120 χ^2/NDF: 5849.5/35

All: -36.559+/-0.086 χ^2/NDF: 13216.6/71

- sign -36.180+/-0.123 χ^2/NDF: 7348.4/35

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug

Right In: 0.090+/-0.013 χ^2/NDF: 79.2/16

Left Out: 0.404+/-0.006 χ^2/NDF:607.1/18

Right Out: 0.058+/-0.012 χ^2/NDF: 87.3/18

Left In: 0.386+/-0.006 χ^2/NDF:1294.0/16

+ sign 0.344+/-0.006 χ^2/NDF: 1177.8/35

All: 0.331+/-0.004 χ^2/NDF: 3146.6/71

- sign 0.318+/-0.006 χ^2/NDF: 1957.6/35

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug

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

Left Out: -8.890+/-0.141 χ^2/NDF:2145.2/18

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

Left In: -8.366+/-0.144 χ^2/NDF:2300.1/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -8.634+/-0.100 χ^2/NDF: 4452.1/35

- 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: 3.391+/-0.103 χ^2/NDF:674.1/18

Right Out: 3.885+/-0.316 χ^2/NDF: 134.4/18

Left In: 3.344+/-0.105 χ^2/NDF:711.9/16

+ sign 3.424+/-0.098 χ^2/NDF: 811.9/35

All: 3.411+/-0.070 χ^2/NDF: 1660.9/71

- sign 3.398+/-0.100 χ^2/NDF: 849.0/35

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug

Right In: -56.379+/-0.542 χ^2/NDF: 587.4/16

Left Out: -54.759+/-0.141 χ^2/NDF:5742.9/18

Right Out: -57.258+/-0.536 χ^2/NDF: 476.1/18

Left In: -54.170+/-0.143 χ^2/NDF:6237.7/16

+ sign -54.862+/-0.136 χ^2/NDF: 6338.7/35

All: -54.621+/-0.097 χ^2/NDF: 13089.8/71

- sign -54.375+/-0.138 χ^2/NDF: 6744.8/35

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug

Right In: 2.473+/-0.345 χ^2/NDF: 243.6/16

Left Out: 3.811+/-0.118 χ^2/NDF:775.7/18

Right Out: 1.928+/-0.355 χ^2/NDF: 266.6/18

Left In: 3.730+/-0.121 χ^2/NDF:778.8/16

+ sign 3.672+/-0.111 χ^2/NDF: 1032.7/35

All: 3.609+/-0.080 χ^2/NDF: 2102.0/71

- sign 3.542+/-0.115 χ^2/NDF: 1068.6/35

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug

Right In: -0.235+/-0.019 χ^2/NDF: 958.4/16

Left Out: 0.303+/-0.005 χ^2/NDF:118.6/18

Right Out: -0.391+/-0.019 χ^2/NDF: 853.3/18

Left In: 0.295+/-0.006 χ^2/NDF:275.8/16

+ sign 0.262+/-0.005 χ^2/NDF: 1826.8/35

All: 0.251+/-0.004 χ^2/NDF: 4167.0/71

- sign 0.239+/-0.005 χ^2/NDF: 2331.2/35

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug

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

Left Out: -22.212+/-0.066 χ^2/NDF:3529.5/18

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

Left In: -21.314+/-0.066 χ^2/NDF:4787.8/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -21.764+/-0.047 χ^2/NDF: 8408.9/35

- 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: -6.627+/-0.049 χ^2/NDF:413.1/18

Right Out: -7.992+/-0.186 χ^2/NDF: 225.5/18

Left In: -6.689+/-0.048 χ^2/NDF:678.6/16

+ sign -6.693+/-0.047 χ^2/NDF: 834.9/35

All: -6.732+/-0.033 χ^2/NDF: 1786.4/71

- sign -6.771+/-0.047 χ^2/NDF: 950.1/35

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug

Right In: 10.077+/-0.337 χ^2/NDF: 252.8/16

Left Out: -5.271+/-0.066 χ^2/NDF:9498.4/18

Right Out: 12.620+/-0.332 χ^2/NDF: 220.0/18

Left In: -5.206+/-0.066 χ^2/NDF:9169.0/16

+ sign -4.697+/-0.065 χ^2/NDF: 11750.4/35

All: -4.613+/-0.046 χ^2/NDF: 23909.0/71

- sign -4.531+/-0.065 χ^2/NDF: 12155.4/35

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug

Right In: 20.965+/-0.209 χ^2/NDF: 1225.5/16

Left Out: 20.879+/-0.055 χ^2/NDF:489.5/18

Right Out: 20.716+/-0.213 χ^2/NDF: 729.9/18

Left In: 21.029+/-0.056 χ^2/NDF:700.1/16

+ sign 20.884+/-0.054 χ^2/NDF: 1715.1/35

All: 20.946+/-0.038 χ^2/NDF: 3149.8/71

- sign 21.009+/-0.054 χ^2/NDF: 1432.1/35

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug

Right In: -0.172+/-0.011 χ^2/NDF: 464.2/16

Left Out: -0.109+/-0.003 χ^2/NDF:246.0/18

Right Out: -0.222+/-0.011 χ^2/NDF: 536.1/18

Left In: -0.113+/-0.003 χ^2/NDF:448.7/16

+ sign -0.112+/-0.002 χ^2/NDF: 739.8/35

All: -0.115+/-0.002 χ^2/NDF: 1822.5/71

- sign -0.118+/-0.003 χ^2/NDF: 1079.8/35

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug

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

Left Out: -8.587+/-0.126 χ^2/NDF:1048.3/18

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

Left In: -7.992+/-0.128 χ^2/NDF:976.1/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -8.296+/-0.090 χ^2/NDF: 2035.4/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug

Right In: 7.736+/-0.403 χ^2/NDF: 1358.4/16

Left Out: 6.122+/-0.093 χ^2/NDF:351.0/18

Right Out: 6.040+/-0.434 χ^2/NDF: 1512.1/18

Left In: 5.793+/-0.095 χ^2/NDF:1052.2/16

+ sign 6.204+/-0.091 χ^2/NDF: 1724.7/35

All: 6.008+/-0.065 χ^2/NDF: 4298.8/71

- sign 5.804+/-0.093 χ^2/NDF: 2564.6/35

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug

Right In: -50.966+/-0.738 χ^2/NDF: 332.7/16

Left Out: -41.478+/-0.126 χ^2/NDF:7469.0/18

Right Out: -49.497+/-0.797 χ^2/NDF: 510.4/18

Left In: -40.904+/-0.128 χ^2/NDF:7786.0/16

+ sign -41.748+/-0.125 χ^2/NDF: 7962.4/35

All: -41.437+/-0.089 χ^2/NDF: 16384.7/71

- sign -41.118+/-0.126 χ^2/NDF: 8409.6/35

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug

Right In: -63.656+/-0.445 χ^2/NDF: 2014.7/16

Left Out: -32.461+/-0.106 χ^2/NDF:6978.3/18

Right Out: -64.470+/-0.483 χ^2/NDF: 1606.8/18

Left In: -31.325+/-0.109 χ^2/NDF:6581.9/16

+ sign -34.125+/-0.103 χ^2/NDF: 13637.5/35

All: -33.545+/-0.074 χ^2/NDF: 26382.6/71

- sign -32.927+/-0.106 χ^2/NDF: 12679.5/35

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug

Right In: 0.149+/-0.024 χ^2/NDF: 989.9/16

Left Out: 0.583+/-0.005 χ^2/NDF:432.2/18

Right Out: -0.054+/-0.026 χ^2/NDF: 1167.9/18

Left In: 0.575+/-0.005 χ^2/NDF:525.1/16

+ sign 0.565+/-0.005 χ^2/NDF: 1736.3/35

All: 0.560+/-0.003 χ^2/NDF: 3989.4/71

- sign 0.553+/-0.005 χ^2/NDF: 2249.9/35

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug

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

Left Out: -31.285+/-0.388 χ^2/NDF:384.9/18

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

Left In: -29.115+/-0.403 χ^2/NDF:407.7/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -30.242+/-0.280 χ^2/NDF: 807.7/35

- 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: -35.229+/-0.283 χ^2/NDF:566.4/18

Right Out: -49.008+/-0.764 χ^2/NDF: 1271.7/18

Left In: -36.033+/-0.299 χ^2/NDF:1345.8/16

+ sign -36.701+/-0.264 χ^2/NDF: 1853.9/35

All: -37.199+/-0.191 χ^2/NDF: 4729.3/71

- sign -37.752+/-0.278 χ^2/NDF: 2867.8/35

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug

Right In: -62.242+/-1.310 χ^2/NDF: 67.4/16

Left Out: -98.897+/-0.386 χ^2/NDF:324.5/18

Right Out: -61.142+/-1.379 χ^2/NDF: 165.6/18

Left In: -100.582+/-0.397 χ^2/NDF:429.8/16

+ sign -95.968+/-0.370 χ^2/NDF: 1112.2/35

All: -96.740+/-0.266 χ^2/NDF: 2471.3/71

- sign -97.560+/-0.382 χ^2/NDF: 1350.1/35

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug

Right In: -107.066+/-0.811 χ^2/NDF: 828.4/16

Left Out: -109.068+/-0.324 χ^2/NDF:692.1/18

Right Out: -104.269+/-0.861 χ^2/NDF: 1018.6/18

Left In: -107.509+/-0.340 χ^2/NDF:1437.0/16

+ sign -108.793+/-0.301 χ^2/NDF: 1525.7/35

All: -107.976+/-0.218 χ^2/NDF: 4009.1/71

- sign -107.071+/-0.317 χ^2/NDF: 2467.9/35

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug

Right In: -0.081+/-0.042 χ^2/NDF: 329.0/16

Left Out: 0.977+/-0.015 χ^2/NDF:326.4/18

Right Out: -0.376+/-0.044 χ^2/NDF: 583.0/18

Left In: 0.984+/-0.015 χ^2/NDF:689.5/16

+ sign 0.859+/-0.014 χ^2/NDF: 1215.3/35

All: 0.847+/-0.010 χ^2/NDF: 3343.8/71

- sign 0.835+/-0.015 χ^2/NDF: 2127.1/35

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug

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

Left Out: -25.754+/-0.275 χ^2/NDF:3063.5/18

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

Left In: -25.126+/-0.283 χ^2/NDF:2938.6/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -25.449+/-0.197 χ^2/NDF: 6004.6/35

- 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: -7.375+/-0.199 χ^2/NDF:1581.7/18

Right Out: -5.908+/-0.429 χ^2/NDF: 1293.1/18

Left In: -6.932+/-0.206 χ^2/NDF:1706.8/16

+ sign -7.453+/-0.180 χ^2/NDF: 2565.4/35

All: -7.107+/-0.129 χ^2/NDF: 5577.4/71

- sign -6.740+/-0.186 χ^2/NDF: 3004.5/35

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug

Right In: -59.214+/-0.744 χ^2/NDF: 1720.4/16

Left Out: -74.720+/-0.275 χ^2/NDF:2915.8/18

Right Out: -60.513+/-0.704 χ^2/NDF: 1383.9/18

Left In: -74.483+/-0.280 χ^2/NDF:3762.1/16

+ sign -72.861+/-0.258 χ^2/NDF: 5018.8/35

All: -72.721+/-0.183 χ^2/NDF: 10505.3/71

- sign -72.578+/-0.260 χ^2/NDF: 5485.9/35

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug

Right In: 111.599+/-0.487 χ^2/NDF: 5959.5/16

Left Out: 116.086+/-0.229 χ^2/NDF:2213.8/18

Right Out: 107.238+/-0.488 χ^2/NDF: 7037.4/18

Left In: 114.217+/-0.238 χ^2/NDF:2035.0/16

+ sign 115.273+/-0.207 χ^2/NDF: 8242.9/35

All: 114.113+/-0.149 χ^2/NDF: 17545.6/71

- sign 112.875+/-0.214 χ^2/NDF: 9237.9/35

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug

Right In: -0.693+/-0.026 χ^2/NDF: 993.1/16

Left Out: -0.220+/-0.011 χ^2/NDF:678.5/18

Right Out: -0.813+/-0.024 χ^2/NDF: 1310.7/18

Left In: -0.218+/-0.011 χ^2/NDF:1448.7/16

+ sign -0.289+/-0.010 χ^2/NDF: 1959.3/35

All: -0.304+/-0.007 χ^2/NDF: 5219.6/71

- sign -0.318+/-0.010 χ^2/NDF: 3255.9/35

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug

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

Left Out: -31.318+/-0.231 χ^2/NDF:1741.4/18

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

Left In: -30.597+/-0.237 χ^2/NDF:1429.3/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -30.966+/-0.166 χ^2/NDF: 3175.4/35

- 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: 31.025+/-0.169 χ^2/NDF:722.6/18

Right Out: 33.180+/-0.379 χ^2/NDF: 770.3/18

Left In: 31.252+/-0.175 χ^2/NDF:587.4/16

+ sign 31.241+/-0.154 χ^2/NDF: 1184.5/35

All: 31.410+/-0.111 χ^2/NDF: 2565.9/71

- sign 31.591+/-0.159 χ^2/NDF: 1378.9/35

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug

Right In: -18.721+/-0.665 χ^2/NDF: 519.6/16

Left Out: -39.969+/-0.231 χ^2/NDF:1776.6/18

Right Out: -18.306+/-0.644 χ^2/NDF: 472.6/18

Left In: -39.869+/-0.234 χ^2/NDF:2199.5/16

+ sign -37.687+/-0.218 χ^2/NDF: 3206.5/35

All: -37.516+/-0.155 χ^2/NDF: 6871.0/71

- sign -37.342+/-0.220 χ^2/NDF: 3663.3/35

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug

Right In: 72.875+/-0.426 χ^2/NDF: 4737.9/16

Left Out: 74.920+/-0.193 χ^2/NDF:2029.9/18

Right Out: 70.815+/-0.433 χ^2/NDF: 5489.3/18

Left In: 73.561+/-0.201 χ^2/NDF:1559.8/16

+ sign 74.571+/-0.176 χ^2/NDF: 6787.0/35

All: 73.849+/-0.127 χ^2/NDF: 13904.0/71

- sign 73.076+/-0.182 χ^2/NDF: 7082.2/35

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug

Right In: -0.499+/-0.022 χ^2/NDF: 303.5/16

Left Out: -0.456+/-0.009 χ^2/NDF:541.3/18

Right Out: -0.561+/-0.021 χ^2/NDF: 562.3/18

Left In: -0.443+/-0.009 χ^2/NDF:1138.9/16

+ sign -0.462+/-0.008 χ^2/NDF: 848.1/35

All: -0.462+/-0.006 χ^2/NDF: 2574.9/71

- sign -0.462+/-0.008 χ^2/NDF: 1726.9/35

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: -12.152+/-0.085 χ^2/NDF:783.5/18

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

Left In: -11.704+/-0.088 χ^2/NDF:1135.3/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -11.934+/-0.061 χ^2/NDF: 1932.3/35

- 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: -30.239+/-0.063 χ^2/NDF:632.8/18

Right Out: -34.277+/-0.151 χ^2/NDF: 1349.5/18

Left In: -30.356+/-0.066 χ^2/NDF:1195.7/16

+ sign -30.801+/-0.058 χ^2/NDF: 2516.2/35

All: -30.888+/-0.042 χ^2/NDF: 5634.1/71

- sign -30.980+/-0.060 χ^2/NDF: 3113.2/35

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: -8.413+/-0.085 χ^2/NDF:2161.2/18

Right Out: 7.177+/-0.274 χ^2/NDF: 182.6/18

Left In: -8.732+/-0.086 χ^2/NDF:2483.5/16

+ sign -7.172+/-0.081 χ^2/NDF: 4695.7/35

All: -7.235+/-0.058 χ^2/NDF: 10427.0/71

- sign -7.300+/-0.082 χ^2/NDF: 5730.1/35

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: -8.699+/-0.071 χ^2/NDF:746.7/18

Right Out: -4.782+/-0.173 χ^2/NDF: 2040.4/18

Left In: -8.287+/-0.074 χ^2/NDF:1326.5/16

+ sign -8.228+/-0.066 χ^2/NDF: 3163.5/35

All: -7.994+/-0.047 χ^2/NDF: 6904.2/71

- sign -7.741+/-0.068 χ^2/NDF: 3714.2/35

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: 0.155+/-0.003 χ^2/NDF:512.8/18

Right Out: -0.103+/-0.008 χ^2/NDF: 435.5/18

Left In: 0.151+/-0.003 χ^2/NDF:939.1/16

+ sign 0.127+/-0.003 χ^2/NDF: 1296.9/35

All: 0.122+/-0.002 χ^2/NDF: 3463.3/71

- sign 0.117+/-0.003 χ^2/NDF: 2161.2/35

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: 2.284+/-0.078 χ^2/NDF:656.1/18

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

Left In: 1.914+/-0.081 χ^2/NDF:677.8/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2.105+/-0.056 χ^2/NDF: 1344.8/35

- 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: -1.651+/-0.058 χ^2/NDF:286.0/18

Right Out: -3.544+/-0.155 χ^2/NDF: 291.7/18

Left In: -1.580+/-0.059 χ^2/NDF:376.9/16

+ sign -1.808+/-0.054 χ^2/NDF: 493.1/35

All: -1.820+/-0.039 χ^2/NDF: 1302.5/71

- sign -1.832+/-0.055 χ^2/NDF: 809.3/35

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: 27.566+/-0.078 χ^2/NDF:5922.5/18

Right Out: 31.000+/-0.260 χ^2/NDF: 479.5/18

Left In: 27.433+/-0.080 χ^2/NDF:5542.9/16

+ sign 27.757+/-0.075 χ^2/NDF: 6551.6/35

All: 27.749+/-0.054 χ^2/NDF: 12746.0/71

- sign 27.741+/-0.076 χ^2/NDF: 6194.4/35

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: 22.945+/-0.065 χ^2/NDF:757.1/18

Right Out: 12.435+/-0.174 χ^2/NDF: 6962.9/18

Left In: 22.706+/-0.068 χ^2/NDF:807.8/16

+ sign 21.806+/-0.061 χ^2/NDF: 10539.9/35

All: 21.583+/-0.044 χ^2/NDF: 21371.6/71

- sign 21.343+/-0.063 χ^2/NDF: 10804.0/35

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: -0.116+/-0.003 χ^2/NDF:209.0/18

Right Out: 0.139+/-0.009 χ^2/NDF: 3016.8/18

Left In: -0.111+/-0.003 χ^2/NDF:285.5/16

+ sign -0.086+/-0.003 χ^2/NDF: 2121.0/35

All: -0.086+/-0.002 χ^2/NDF: 6086.0/71

- sign -0.085+/-0.003 χ^2/NDF: 3964.9/35

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: -31.914+/-0.224 χ^2/NDF:953.2/18

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

Left In: -30.806+/-0.232 χ^2/NDF:607.1/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -31.379+/-0.161 χ^2/NDF: 1572.1/35

- 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: -1.759+/-0.162 χ^2/NDF:315.8/18

Right Out: -10.446+/-0.491 χ^2/NDF: 428.4/18

Left In: -1.994+/-0.169 χ^2/NDF:724.8/16

+ sign -2.472+/-0.153 χ^2/NDF: 904.0/35

All: -2.671+/-0.111 χ^2/NDF: 2325.5/71

- sign -2.889+/-0.160 χ^2/NDF: 1417.9/35

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: -68.978+/-0.223 χ^2/NDF:929.4/18

Right Out: -43.262+/-0.866 χ^2/NDF: 154.2/18

Left In: -69.459+/-0.229 χ^2/NDF:1024.4/16

+ sign -67.246+/-0.216 χ^2/NDF: 1927.7/35

All: -67.491+/-0.155 χ^2/NDF: 3963.4/71

- sign -67.749+/-0.221 χ^2/NDF: 2033.1/35

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: -16.921+/-0.186 χ^2/NDF:793.8/18

Right Out: -10.765+/-0.554 χ^2/NDF: 366.6/18

Left In: -16.859+/-0.194 χ^2/NDF:1224.7/16

+ sign -16.402+/-0.175 χ^2/NDF: 1338.4/35

All: -16.301+/-0.127 χ^2/NDF: 3038.3/71

- sign -16.190+/-0.183 χ^2/NDF: 1699.2/35

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: 0.252+/-0.009 χ^2/NDF:66.4/18

Right Out: -0.478+/-0.029 χ^2/NDF: 631.2/18

Left In: 0.259+/-0.009 χ^2/NDF:79.3/16

+ sign 0.201+/-0.008 χ^2/NDF: 815.4/35

All: 0.197+/-0.006 χ^2/NDF: 2133.3/71

- sign 0.193+/-0.009 χ^2/NDF: 1317.4/35

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: 7.756+/-0.122 χ^2/NDF:3168.9/18

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

Left In: 7.518+/-0.125 χ^2/NDF:3497.7/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 7.640+/-0.088 χ^2/NDF: 6668.5/35

- 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: 6.619+/-0.089 χ^2/NDF:2405.0/18

Right Out: 8.454+/-0.213 χ^2/NDF: 6704.4/18

Left In: 6.185+/-0.092 χ^2/NDF:3927.7/16

+ sign 6.825+/-0.082 χ^2/NDF: 7811.5/35

All: 6.689+/-0.059 χ^2/NDF: 18544.7/71

- sign 6.543+/-0.085 χ^2/NDF: 10727.4/35

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: 15.069+/-0.122 χ^2/NDF:2850.2/18

Right Out: 10.337+/-0.416 χ^2/NDF: 2281.8/18

Left In: 15.638+/-0.124 χ^2/NDF:3181.4/16

+ sign 14.476+/-0.117 χ^2/NDF: 5471.9/35

All: 14.836+/-0.083 χ^2/NDF: 11103.2/71

- sign 15.207+/-0.119 χ^2/NDF: 5612.1/35

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: -75.789+/-0.102 χ^2/NDF:7455.7/18

Right Out: -102.354+/-0.246 χ^2/NDF: 6078.9/18

Left In: -74.105+/-0.106 χ^2/NDF:7054.4/16

+ sign -79.424+/-0.095 χ^2/NDF: 20634.8/35

All: -78.998+/-0.068 χ^2/NDF: 44903.9/71

- sign -78.545+/-0.098 χ^2/NDF: 24227.3/35

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: 0.409+/-0.005 χ^2/NDF:1390.8/18

Right Out: 0.175+/-0.013 χ^2/NDF: 966.7/18

Left In: 0.398+/-0.005 χ^2/NDF:2563.8/16

+ sign 0.394+/-0.004 χ^2/NDF: 2127.6/35

All: 0.383+/-0.003 χ^2/NDF: 5913.2/71

- sign 0.372+/-0.005 χ^2/NDF: 3773.3/35

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug

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

Left Out: -14.894+/-0.169 χ^2/NDF:3064.6/18

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

Left In: -14.446+/-0.174 χ^2/NDF:2975.7/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -14.677+/-0.122 χ^2/NDF: 6043.7/35

- 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: -3.645+/-0.122 χ^2/NDF:1624.0/18

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

Left In: -3.387+/-0.127 χ^2/NDF:1774.7/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -3.522+/-0.088 χ^2/NDF: 3400.9/35

- 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: -37.847+/-0.169 χ^2/NDF:2553.7/18

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

Left In: -37.943+/-0.172 χ^2/NDF:3323.7/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -37.894+/-0.121 χ^2/NDF: 5877.5/35

- 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: 83.196+/-0.141 χ^2/NDF:1957.0/18

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

Left In: 82.061+/-0.147 χ^2/NDF:1884.5/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 82.652+/-0.102 χ^2/NDF: 3872.7/35

- 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: -0.073+/-0.007 χ^2/NDF:829.7/18

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

Left In: -0.069+/-0.007 χ^2/NDF:1757.4/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.071+/-0.005 χ^2/NDF: 2587.4/35

- 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: -17.509+/-0.199 χ^2/NDF:2911.1/18

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

Left In: -17.012+/-0.204 χ^2/NDF:2854.9/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -17.267+/-0.142 χ^2/NDF: 5769.1/35

- 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: -1.958+/-0.144 χ^2/NDF:1268.5/18

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

Left In: -1.763+/-0.149 χ^2/NDF:1321.8/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1.863+/-0.104 χ^2/NDF: 2591.3/35

- 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: -64.981+/-0.199 χ^2/NDF:3659.5/18

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

Left In: -64.404+/-0.202 χ^2/NDF:4614.9/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -64.697+/-0.142 χ^2/NDF: 8278.5/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug

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

Left Out: 59.654+/-0.166 χ^2/NDF:1554.7/18

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

Left In: 58.677+/-0.172 χ^2/NDF:1448.7/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 59.183+/-0.119 χ^2/NDF: 3020.2/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug

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

Left Out: 0.041+/-0.008 χ^2/NDF:433.5/18

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

Left In: 0.036+/-0.008 χ^2/NDF:993.3/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.039+/-0.006 χ^2/NDF: 1427.0/35

- 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: -6.775+/-0.066 χ^2/NDF:2305.2/18

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

Left In: -6.597+/-0.067 χ^2/NDF:2038.2/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -6.688+/-0.047 χ^2/NDF: 4347.1/35

- 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: 3.153+/-0.048 χ^2/NDF:512.6/18

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

Left In: 3.023+/-0.049 χ^2/NDF:1085.9/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3.089+/-0.034 χ^2/NDF: 1602.0/35

- 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: -21.732+/-0.066 χ^2/NDF:5464.7/18

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

Left In: -21.343+/-0.066 χ^2/NDF:6366.0/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -21.539+/-0.047 χ^2/NDF: 11848.1/35

- 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: 7.923+/-0.055 χ^2/NDF:5624.4/18

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

Left In: 8.246+/-0.056 χ^2/NDF:5005.3/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 8.080+/-0.039 χ^2/NDF: 10646.6/35

- 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: 0.332+/-0.003 χ^2/NDF:357.7/18

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

Left In: 0.330+/-0.003 χ^2/NDF:619.2/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.331+/-0.002 χ^2/NDF: 977.2/35

- 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: -8.768+/-0.129 χ^2/NDF:1492.9/18

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

Left In: -8.231+/-0.132 χ^2/NDF:1433.3/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -8.505+/-0.092 χ^2/NDF: 2934.7/35

- 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: 4.809+/-0.095 χ^2/NDF:355.5/18

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

Left In: 4.612+/-0.097 χ^2/NDF:583.4/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4.712+/-0.068 χ^2/NDF: 941.0/35

- 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: -48.134+/-0.130 χ^2/NDF:6671.9/18

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

Left In: -47.568+/-0.131 χ^2/NDF:6903.0/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -47.854+/-0.092 χ^2/NDF: 13584.3/35

- 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: -14.629+/-0.108 χ^2/NDF:1931.7/18

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

Left In: -14.086+/-0.112 χ^2/NDF:1875.7/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -14.365+/-0.078 χ^2/NDF: 3819.6/35

- 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: 0.445+/-0.005 χ^2/NDF:159.7/18

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

Left In: 0.438+/-0.005 χ^2/NDF:195.1/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.442+/-0.004 χ^2/NDF: 355.7/35

- 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: 10.815+/-0.112 χ^2/NDF:2770.4/18

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

Left In: 10.604+/-0.115 χ^2/NDF:2593.3/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 10.712+/-0.080 χ^2/NDF: 5365.4/35

- 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: 3.648+/-0.081 χ^2/NDF:1428.9/18

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

Left In: 3.473+/-0.084 χ^2/NDF:1546.6/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3.563+/-0.058 χ^2/NDF: 2977.7/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug

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

Left Out: 36.665+/-0.112 χ^2/NDF:3509.2/18

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

Left In: 36.400+/-0.114 χ^2/NDF:4320.0/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 36.534+/-0.080 χ^2/NDF: 7832.0/35

- 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: -32.779+/-0.093 χ^2/NDF:2510.1/18

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

Left In: -32.092+/-0.096 χ^2/NDF:2206.8/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -32.448+/-0.067 χ^2/NDF: 4743.2/35

- 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: 0.148+/-0.004 χ^2/NDF:424.2/18

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

Left In: 0.149+/-0.004 χ^2/NDF:904.7/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.149+/-0.003 χ^2/NDF: 1329.0/35

- 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: 8.062+/-0.090 χ^2/NDF:2632.6/18

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

Left In: 7.940+/-0.093 χ^2/NDF:2626.1/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 8.003+/-0.065 χ^2/NDF: 5259.5/35

- 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: 5.310+/-0.065 χ^2/NDF:1950.6/18

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

Left In: 5.048+/-0.068 χ^2/NDF:2751.5/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 5.185+/-0.047 χ^2/NDF: 4709.8/35

- 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: 8.808+/-0.090 χ^2/NDF:2712.4/18

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

Left In: 9.263+/-0.092 χ^2/NDF:2509.0/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 9.031+/-0.064 χ^2/NDF: 5233.9/35

- 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: -56.401+/-0.075 χ^2/NDF:3472.8/18

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

Left In: -55.500+/-0.079 χ^2/NDF:3418.4/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -55.970+/-0.054 χ^2/NDF: 6959.9/35

- 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: 0.263+/-0.003 χ^2/NDF:1236.9/18

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

Left In: 0.254+/-0.004 χ^2/NDF:2293.4/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.259+/-0.002 χ^2/NDF: 3533.6/35

- 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: 2.297+/-0.088 χ^2/NDF:565.3/18

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

Left In: 1.900+/-0.090 χ^2/NDF:802.4/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2.103+/-0.063 χ^2/NDF: 1377.6/35

- 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: -2.963+/-0.065 χ^2/NDF:547.5/18

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

Left In: -2.760+/-0.067 χ^2/NDF:1429.8/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -2.864+/-0.047 χ^2/NDF: 1982.0/35

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug

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

Left Out: 21.504+/-0.088 χ^2/NDF:5802.5/18

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

Left In: 21.273+/-0.089 χ^2/NDF:5773.0/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 21.390+/-0.063 χ^2/NDF: 11578.9/35

- 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: 41.728+/-0.074 χ^2/NDF:4357.0/18

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

Left In: 40.895+/-0.076 χ^2/NDF:4447.3/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 41.325+/-0.053 χ^2/NDF: 8865.4/35

- 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: -0.258+/-0.003 χ^2/NDF:786.7/18

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

Left In: -0.251+/-0.003 χ^2/NDF:1253.7/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.254+/-0.002 χ^2/NDF: 2042.4/35

- 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: 0.237+/-0.032 χ^2/NDF:4746.0/18

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

Left In: 0.389+/-0.033 χ^2/NDF:6717.8/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.312+/-0.023 χ^2/NDF: 11474.6/35

- 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: -1.293+/-0.024 χ^2/NDF:3899.3/18

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

Left In: -1.124+/-0.024 χ^2/NDF:8340.2/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1.210+/-0.017 χ^2/NDF: 12264.0/35

- 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: -6.243+/-0.033 χ^2/NDF:3475.7/18

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

Left In: -6.407+/-0.033 χ^2/NDF:5680.2/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -6.325+/-0.023 χ^2/NDF: 9168.5/35

- 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: 18.708+/-0.027 χ^2/NDF:29277.7/18

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

Left In: 17.971+/-0.028 χ^2/NDF:26949.2/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 18.349+/-0.020 χ^2/NDF: 56579.8/35

- 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: -0.142+/-0.001 χ^2/NDF:1971.0/18

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

Left In: -0.141+/-0.001 χ^2/NDF:3448.9/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.141+/-0.001 χ^2/NDF: 5420.1/35

- 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: -6.712+/-0.088 χ^2/NDF:3096.1/18

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

Left In: -6.417+/-0.090 χ^2/NDF:3282.6/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -6.568+/-0.063 χ^2/NDF: 6384.3/35

- 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: 1.695+/-0.064 χ^2/NDF:1132.5/18

Right Out: 0.209+/-0.175 χ^2/NDF: 273.5/18

Left In: 1.715+/-0.066 χ^2/NDF:1124.0/16

+ sign 1.557+/-0.060 χ^2/NDF: 1460.6/35

All: 1.543+/-0.043 χ^2/NDF: 2923.4/71

- sign 1.529+/-0.061 χ^2/NDF: 1462.6/35

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug

Right In: -26.012+/-0.300 χ^2/NDF: 692.9/16

Left Out: -28.336+/-0.088 χ^2/NDF:3857.1/18

Right Out: -26.829+/-0.297 χ^2/NDF: 581.6/18

Left In: -28.037+/-0.089 χ^2/NDF:5030.6/16

+ sign -28.152+/-0.084 χ^2/NDF: 4605.4/35

All: -28.046+/-0.060 χ^2/NDF: 10236.0/71

- sign -27.937+/-0.085 χ^2/NDF: 5627.4/35

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug

Right In: 16.253+/-0.191 χ^2/NDF: 7611.3/16

Left Out: 26.869+/-0.073 χ^2/NDF:925.5/18

Right Out: 15.318+/-0.197 χ^2/NDF: 7280.1/18

Left In: 26.585+/-0.076 χ^2/NDF:885.6/16

+ sign 25.508+/-0.068 χ^2/NDF: 11229.2/35

All: 25.327+/-0.049 χ^2/NDF: 22259.6/71

- sign 25.135+/-0.071 χ^2/NDF: 11016.0/35

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug

Right In: -0.036+/-0.010 χ^2/NDF: 1014.5/16

Left Out: 0.188+/-0.003 χ^2/NDF:447.6/18

Right Out: -0.132+/-0.010 χ^2/NDF: 1171.3/18

Left In: 0.185+/-0.003 χ^2/NDF:1117.4/16

+ sign 0.166+/-0.003 χ^2/NDF: 1887.2/35

All: 0.160+/-0.002 χ^2/NDF: 5025.7/71

- sign 0.153+/-0.003 χ^2/NDF: 3130.0/35

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug

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

Left Out: -17.679+/-0.176 χ^2/NDF:2506.2/18

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

Left In: -17.300+/-0.180 χ^2/NDF:2225.6/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -17.494+/-0.126 χ^2/NDF: 4734.1/35

- 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: -0.459+/-0.128 χ^2/NDF:897.7/18

Right Out: -4.694+/-0.427 χ^2/NDF: 298.3/18

Left In: -0.435+/-0.131 χ^2/NDF:985.1/16

+ sign -0.690+/-0.122 χ^2/NDF: 1214.7/35

All: -0.745+/-0.088 χ^2/NDF: 2589.5/71

- sign -0.804+/-0.126 χ^2/NDF: 1374.4/35

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug

Right In: -62.887+/-0.738 χ^2/NDF: 368.7/16

Left Out: -58.525+/-0.176 χ^2/NDF:3991.1/18

Right Out: -64.502+/-0.751 χ^2/NDF: 444.1/18

Left In: -57.850+/-0.179 χ^2/NDF:4830.9/16

+ sign -58.760+/-0.171 χ^2/NDF: 4392.8/35

All: -58.487+/-0.122 χ^2/NDF: 9747.2/71

- sign -58.205+/-0.174 χ^2/NDF: 5349.2/35

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug

Right In: 28.425+/-0.457 χ^2/NDF: 3330.3/16

Left Out: 40.400+/-0.147 χ^2/NDF:681.0/18

Right Out: 27.441+/-0.479 χ^2/NDF: 3033.0/18

Left In: 40.099+/-0.152 χ^2/NDF:776.9/16

+ sign 39.283+/-0.140 χ^2/NDF: 4633.6/35

All: 39.120+/-0.100 χ^2/NDF: 9081.9/71

- sign 38.945+/-0.145 χ^2/NDF: 4445.4/35

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug

Right In: -0.326+/-0.025 χ^2/NDF: 1013.0/16

Left Out: 0.186+/-0.007 χ^2/NDF:321.0/18

Right Out: -0.510+/-0.026 χ^2/NDF: 1169.4/18

Left In: 0.182+/-0.007 χ^2/NDF:699.3/16

+ sign 0.150+/-0.007 χ^2/NDF: 1727.3/35

All: 0.143+/-0.005 χ^2/NDF: 4273.7/71

- sign 0.134+/-0.007 χ^2/NDF: 2543.4/35

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: 5.457+/-0.045 χ^2/NDF:1966.2/18

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

Left In: 5.401+/-0.047 χ^2/NDF:1430.0/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 5.430+/-0.033 χ^2/NDF: 3396.9/35

- 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: 1.060+/-0.033 χ^2/NDF:753.2/18

Right Out: 2.365+/-0.123 χ^2/NDF: 336.4/18

Left In: 1.057+/-0.034 χ^2/NDF:939.1/16

+ sign 1.119+/-0.032 χ^2/NDF: 1089.4/35

All: 1.134+/-0.023 χ^2/NDF: 2471.1/71

- sign 1.151+/-0.033 χ^2/NDF: 1381.1/35

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug

Right In: 17.418+/-0.212 χ^2/NDF: 366.8/16

Left Out: 15.109+/-0.046 χ^2/NDF:4012.5/18

Right Out: 17.929+/-0.219 χ^2/NDF: 506.3/18

Left In: 14.946+/-0.046 χ^2/NDF:4681.0/16

+ sign 15.211+/-0.045 χ^2/NDF: 4493.0/35

All: 15.144+/-0.032 χ^2/NDF: 9862.8/71

- sign 15.074+/-0.045 χ^2/NDF: 5365.1/35

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: -6.775+/-0.038 χ^2/NDF:710.1/18

Right Out: -4.459+/-0.137 χ^2/NDF: 1338.9/18

Left In: -6.769+/-0.039 χ^2/NDF:952.6/16

+ sign -6.596+/-0.036 χ^2/NDF: 2577.8/35

All: -6.594+/-0.026 χ^2/NDF: 5132.0/71

- sign -6.592+/-0.038 χ^2/NDF: 2554.1/35

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: 0.002+/-0.002 χ^2/NDF:225.0/18

Right Out: 0.182+/-0.007 χ^2/NDF: 1007.8/18

Left In: 0.002+/-0.002 χ^2/NDF:379.4/16

+ sign 0.010+/-0.002 χ^2/NDF: 1663.8/35

All: 0.011+/-0.001 χ^2/NDF: 3610.5/71

- sign 0.012+/-0.002 χ^2/NDF: 1946.0/35

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug

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

Left Out: -12.203+/-0.131 χ^2/NDF:2702.3/18

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

Left In: -11.870+/-0.134 χ^2/NDF:2557.9/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -12.041+/-0.094 χ^2/NDF: 5263.3/35

- 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: 0.610+/-0.095 χ^2/NDF:966.6/18

Right Out: -2.302+/-0.302 χ^2/NDF: 286.2/18

Left In: 0.633+/-0.098 χ^2/NDF:1019.9/16

+ sign 0.431+/-0.091 χ^2/NDF: 1281.1/35

All: 0.393+/-0.065 χ^2/NDF: 2672.7/71

- sign 0.353+/-0.093 χ^2/NDF: 1391.3/35

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug

Right In: -44.908+/-0.523 χ^2/NDF: 421.2/16

Left Out: -43.431+/-0.131 χ^2/NDF:3958.9/18

Right Out: -46.071+/-0.528 χ^2/NDF: 454.0/18

Left In: -42.935+/-0.133 χ^2/NDF:4893.0/16

+ sign -43.519+/-0.127 χ^2/NDF: 4387.6/35

All: -43.324+/-0.091 χ^2/NDF: 9772.4/71

- sign -43.123+/-0.129 χ^2/NDF: 5380.1/35

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug

Right In: 23.073+/-0.326 χ^2/NDF: 4346.0/16

Left Out: 33.631+/-0.109 χ^2/NDF:731.3/18

Right Out: 22.122+/-0.340 χ^2/NDF: 4034.4/18

Left In: 33.338+/-0.113 χ^2/NDF:779.0/16

+ sign 32.561+/-0.104 χ^2/NDF: 6019.9/35

All: 32.396+/-0.075 χ^2/NDF: 11818.8/71

- sign 32.218+/-0.107 χ^2/NDF: 5793.7/35

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug

Right In: -0.182+/-0.018 χ^2/NDF: 998.1/16

Left Out: 0.187+/-0.005 χ^2/NDF:360.7/18

Right Out: -0.323+/-0.018 χ^2/NDF: 1184.5/18

Left In: 0.184+/-0.005 χ^2/NDF:831.0/16

+ sign 0.159+/-0.005 χ^2/NDF: 1760.5/35

All: 0.152+/-0.004 χ^2/NDF: 4499.9/71

- sign 0.145+/-0.005 χ^2/NDF: 2735.1/35

reg_asym_atl1_diff_bpm1X_slope vs Slug

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

Left Out: -21.499+/-0.634 χ^2/NDF:1005.5/18

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

Left In: -24.002+/-0.649 χ^2/NDF:784.3/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -22.721+/-0.453 χ^2/NDF: 1797.4/35

- 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: 6.554+/-0.452 χ^2/NDF:192.3/18

Right Out: 19.604+/-0.898 χ^2/NDF: 242.0/18

Left In: 7.848+/-0.472 χ^2/NDF:232.1/16

+ sign 8.763+/-0.399 χ^2/NDF: 819.3/35

All: 9.541+/-0.289 χ^2/NDF: 1435.5/71

- sign 10.395+/-0.418 χ^2/NDF: 608.2/35

reg_asym_atl1_diff_bpm4eX_slope vs Slug

Right In: 75.009+/-1.636 χ^2/NDF: 1999.3/16

Left Out: 57.130+/-0.626 χ^2/NDF:2311.5/18

Right Out: 93.140+/-1.711 χ^2/NDF: 2002.3/18

Left In: 61.884+/-0.637 χ^2/NDF:1135.9/16

+ sign 59.411+/-0.584 χ^2/NDF: 4415.0/35

All: 62.482+/-0.418 χ^2/NDF: 7902.8/71

- sign 65.688+/-0.597 χ^2/NDF: 3431.3/35

reg_asym_atl1_diff_bpm4eY_slope vs Slug

Right In: -33.005+/-0.972 χ^2/NDF: 493.1/16

Left Out: -11.238+/-0.523 χ^2/NDF:287.3/18

Right Out: -36.260+/-1.025 χ^2/NDF: 297.1/18

Left In: -12.413+/-0.546 χ^2/NDF:504.9/16

+ sign -16.128+/-0.461 χ^2/NDF: 1169.4/35

All: -16.870+/-0.333 χ^2/NDF: 2398.2/71

- sign -17.683+/-0.482 χ^2/NDF: 1223.4/35

reg_asym_atl1_diff_bpm12X_slope vs Slug

Right In: -8.751+/-0.059 χ^2/NDF: 576012.4/16

Left Out: -20.862+/-0.024 χ^2/NDF:193304.5/18

Right Out: -13.143+/-0.062 χ^2/NDF: 558628.0/18

Left In: -21.558+/-0.025 χ^2/NDF:125231.7/16

+ sign -19.102+/-0.022 χ^2/NDF: 805566.9/35

All: -19.730+/-0.016 χ^2/NDF: 1507046.9/71

- sign -20.391+/-0.023 χ^2/NDF: 699866.9/35

reg_asym_atl2_diff_bpm1X_slope vs Slug

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

Left Out: -472.717+/-2.520 χ^2/NDF:3342.1/18

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

Left In: -516.391+/-2.672 χ^2/NDF:731.9/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -493.274+/-1.833 χ^2/NDF: 4215.4/35

- 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: 9.283+/-1.733 χ^2/NDF:184.8/18

Right Out: 1.265+/-1.920 χ^2/NDF: 303.7/18

Left In: 9.786+/-1.869 χ^2/NDF:147.8/16

+ sign 3.316+/-1.277 χ^2/NDF: 525.1/35

All: 4.422+/-0.924 χ^2/NDF: 988.3/71

- sign 5.640+/-1.339 χ^2/NDF: 461.6/35

reg_asym_atl2_diff_bpm4eX_slope vs Slug

Right In: 478.526+/-3.630 χ^2/NDF: 1629.0/16

Left Out: 407.658+/-2.504 χ^2/NDF:3279.9/18

Right Out: 474.328+/-3.533 χ^2/NDF: 2287.1/18

Left In: 445.910+/-2.624 χ^2/NDF:800.3/16

+ sign 430.501+/-2.061 χ^2/NDF: 5167.2/35

All: 442.979+/-1.473 χ^2/NDF: 8371.2/71

- sign 456.012+/-2.106 χ^2/NDF: 3129.1/35

reg_asym_atl2_diff_bpm4eY_slope vs Slug

Right In: 117.585+/-2.193 χ^2/NDF: 706.9/16

Left Out: 129.146+/-2.044 χ^2/NDF:643.3/18

Right Out: 109.400+/-2.210 χ^2/NDF: 571.2/18

Left In: 141.444+/-2.198 χ^2/NDF:291.5/16

+ sign 123.770+/-1.495 χ^2/NDF: 1365.0/35

All: 124.604+/-1.079 χ^2/NDF: 2334.1/71

- sign 125.510+/-1.558 χ^2/NDF: 968.4/35

reg_asym_atl2_diff_bpm12X_slope vs Slug

Right In: -216.796+/-0.136 χ^2/NDF: 146976.1/16

Left Out: -273.290+/-0.099 χ^2/NDF:574570.6/18

Right Out: -212.869+/-0.130 χ^2/NDF: 116393.6/18

Left In: -294.824+/-0.104 χ^2/NDF:76308.9/16

+ sign -253.678+/-0.080 χ^2/NDF: 834778.0/35

All: -258.302+/-0.057 χ^2/NDF: 1277078.8/71

- sign -263.056+/-0.081 χ^2/NDF: 435511.8/35

reg_asym_atr1_diff_bpm1X_slope vs Slug

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

Left Out: -54.648+/-0.715 χ^2/NDF:666.6/18

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

Left In: -52.760+/-0.732 χ^2/NDF:540.2/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -53.727+/-0.512 χ^2/NDF: 1210.3/35

- 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: 9.299+/-0.509 χ^2/NDF:123.5/18

Right Out: 18.882+/-0.864 χ^2/NDF: 198.4/18

Left In: 9.093+/-0.532 χ^2/NDF:114.0/16

+ sign 11.454+/-0.444 χ^2/NDF: 402.9/35

All: 11.615+/-0.317 χ^2/NDF: 808.6/71

- sign 11.783+/-0.453 χ^2/NDF: 405.4/35

reg_asym_atr1_diff_bpm4eX_slope vs Slug

Right In: 50.482+/-1.668 χ^2/NDF: 357.9/16

Left Out: -3.565+/-0.705 χ^2/NDF:823.0/18

Right Out: 44.222+/-1.602 χ^2/NDF: 534.4/18

Left In: -5.615+/-0.718 χ^2/NDF:703.0/16

+ sign 4.636+/-0.650 χ^2/NDF: 2071.6/35

All: 3.687+/-0.461 χ^2/NDF: 4118.6/71

- sign 2.722+/-0.655 χ^2/NDF: 2042.8/35

reg_asym_atr1_diff_bpm4eY_slope vs Slug

Right In: -33.292+/-1.033 χ^2/NDF: 289.1/16

Left Out: -15.990+/-0.589 χ^2/NDF:191.0/18

Right Out: -35.566+/-0.992 χ^2/NDF: 287.6/18

Left In: -15.948+/-0.615 χ^2/NDF:286.3/16

+ sign -20.239+/-0.512 χ^2/NDF: 691.8/35

All: -20.802+/-0.366 χ^2/NDF: 1550.5/71

- sign -21.390+/-0.523 χ^2/NDF: 856.3/35

reg_asym_atr1_diff_bpm12X_slope vs Slug

Right In: -21.476+/-0.059 χ^2/NDF: 49009.8/16

Left Out: -21.340+/-0.027 χ^2/NDF:129667.9/18

Right Out: -18.506+/-0.057 χ^2/NDF: 80734.5/18

Left In: -20.269+/-0.028 χ^2/NDF:85408.3/16

+ sign -21.365+/-0.025 χ^2/NDF: 178682.1/35

All: -20.657+/-0.018 χ^2/NDF: 347239.7/71

- sign -19.931+/-0.025 χ^2/NDF: 166906.1/35

reg_asym_atr2_diff_bpm1X_slope vs Slug

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

Left Out: -442.169+/-2.343 χ^2/NDF:771.4/18

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

Left In: -445.191+/-2.418 χ^2/NDF:713.2/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -443.632+/-1.683 χ^2/NDF: 1485.4/35

- 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: 7.418+/-1.606 χ^2/NDF:301.6/18

Right Out: -9.417+/-2.613 χ^2/NDF: 369.6/18

Left In: 7.517+/-1.688 χ^2/NDF:285.7/16

+ sign 1.121+/-1.391 χ^2/NDF: 726.9/35

All: 1.813+/-0.993 χ^2/NDF: 1412.3/71

- sign 2.532+/-1.418 χ^2/NDF: 684.9/35

reg_asym_atr2_diff_bpm4eX_slope vs Slug

Right In: 675.871+/-5.037 χ^2/NDF: 2586.4/16

Left Out: 545.263+/-2.322 χ^2/NDF:686.5/18

Right Out: 645.014+/-4.761 χ^2/NDF: 3123.3/18

Left In: 544.207+/-2.374 χ^2/NDF:756.4/16

+ sign 568.153+/-2.109 χ^2/NDF: 3827.4/35

All: 566.230+/-1.497 χ^2/NDF: 8067.8/71

- sign 564.277+/-2.124 χ^2/NDF: 4238.7/35

reg_asym_atr2_diff_bpm4eY_slope vs Slug

Right In: 175.341+/-3.203 χ^2/NDF: 638.5/16

Left Out: 127.461+/-1.900 χ^2/NDF:531.1/18

Right Out: 149.966+/-3.045 χ^2/NDF: 693.2/18

Left In: 126.576+/-1.988 χ^2/NDF:467.3/16

+ sign 139.927+/-1.634 χ^2/NDF: 1334.8/35

All: 136.805+/-1.166 χ^2/NDF: 2544.0/71

- sign 133.565+/-1.665 χ^2/NDF: 1201.8/35

reg_asym_atr2_diff_bpm12X_slope vs Slug

Right In: -238.248+/-0.160 χ^2/NDF: 167125.9/16

Left Out: -266.068+/-0.092 χ^2/NDF:34540.1/18

Right Out: -226.706+/-0.151 χ^2/NDF: 102831.3/18

Left In: -263.352+/-0.094 χ^2/NDF:21225.1/16

+ sign -259.130+/-0.080 χ^2/NDF: 224381.1/35

All: -256.129+/-0.056 χ^2/NDF: 393678.2/71

- sign -253.134+/-0.080 χ^2/NDF: 166476.0/35

reg_asym_atl_avg_diff_bpm1X_slope vs Slug

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

Left Out: -246.929+/-1.385 χ^2/NDF:3303.2/18

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

Left In: -270.449+/-1.467 χ^2/NDF:887.8/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -258.011+/-1.007 χ^2/NDF: 4327.0/35

- 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: 8.132+/-0.953 χ^2/NDF:195.9/18

Right Out: 5.534+/-1.071 χ^2/NDF: 239.1/18

Left In: 9.627+/-1.027 χ^2/NDF:174.4/16

+ sign 6.730+/-0.717 χ^2/NDF: 512.9/35

All: 7.183+/-0.515 χ^2/NDF: 934.8/71

- sign 7.667+/-0.741 χ^2/NDF: 421.1/35

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug

Right In: 201.807+/-1.970 χ^2/NDF: 6754.2/16

Left Out: 229.693+/-1.374 χ^2/NDF:4338.1/18

Right Out: 195.053+/-1.924 χ^2/NDF: 8257.1/18

Left In: 253.857+/-1.439 χ^2/NDF:1048.2/16

+ sign 220.569+/-1.127 χ^2/NDF: 11227.0/35

All: 226.534+/-0.806 χ^2/NDF: 21188.5/71

- sign 232.769+/-1.152 χ^2/NDF: 9904.1/35

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug

Right In: 40.196+/-1.268 χ^2/NDF: 735.0/16

Left Out: 58.486+/-1.123 χ^2/NDF:526.0/18

Right Out: 32.999+/-1.253 χ^2/NDF: 554.1/18

Left In: 63.056+/-1.206 χ^2/NDF:353.1/16

+ sign 50.446+/-0.840 χ^2/NDF: 1377.7/35

All: 49.550+/-0.604 χ^2/NDF: 2586.0/71

- sign 48.591+/-0.869 χ^2/NDF: 1205.9/35

reg_asym_atl_avg_diff_bpm12X_slope vs Slug

Right In: -58.155+/-0.062 χ^2/NDF: 1105509.3/16

Left Out: -146.360+/-0.054 χ^2/NDF:610222.5/18

Right Out: -54.914+/-0.060 χ^2/NDF: 1003885.5/18

Left In: -157.950+/-0.057 χ^2/NDF:102573.2/16

+ sign -107.833+/-0.041 χ^2/NDF: 2871493.2/35

All: -108.654+/-0.029 χ^2/NDF: 5529648.5/71

- sign -109.499+/-0.041 χ^2/NDF: 2657329.1/35

reg_asym_atl_dd_diff_bpm1X_slope vs Slug

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

Left Out: 228.888+/-1.227 χ^2/NDF:2454.2/18

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

Left In: 245.037+/-1.290 χ^2/NDF:514.7/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 236.557+/-0.889 χ^2/NDF: 3051.1/35

- 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: -0.593+/-0.849 χ^2/NDF:186.2/18

Right Out: 10.908+/-0.916 χ^2/NDF: 302.6/18

Left In: 0.078+/-0.907 χ^2/NDF:122.8/16

+ sign 5.854+/-0.624 χ^2/NDF: 606.8/35

All: 5.654+/-0.448 χ^2/NDF: 1103.0/71

- sign 5.441+/-0.645 χ^2/NDF: 496.0/35

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug

Right In: -201.384+/-1.779 χ^2/NDF: 623.5/16

Left Out: -180.116+/-1.220 χ^2/NDF:1550.1/18

Right Out: -185.739+/-1.700 χ^2/NDF: 1749.3/18

Left In: -191.173+/-1.269 χ^2/NDF:485.0/16

+ sign -186.914+/-1.006 χ^2/NDF: 2270.8/35

All: -188.059+/-0.715 χ^2/NDF: 4514.2/71

- sign -189.228+/-1.017 χ^2/NDF: 2240.8/35

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug

Right In: -77.877+/-1.066 χ^2/NDF: 658.2/16

Left Out: -72.670+/-0.999 χ^2/NDF:691.1/18

Right Out: -72.612+/-1.054 χ^2/NDF: 606.9/18

Left In: -78.631+/-1.065 χ^2/NDF:229.4/16

+ sign -75.106+/-0.729 χ^2/NDF: 1362.0/35

All: -75.341+/-0.522 χ^2/NDF: 2214.6/71

- sign -75.589+/-0.749 χ^2/NDF: 852.4/35

reg_asym_atl_dd_diff_bpm12X_slope vs Slug

Right In: 103.188+/-0.070 χ^2/NDF: 273587.8/16

Left Out: 128.536+/-0.048 χ^2/NDF:373587.8/18

Right Out: 85.121+/-0.064 χ^2/NDF: 423521.4/18

Left In: 136.619+/-0.050 χ^2/NDF:42680.6/16

+ sign 120.455+/-0.040 χ^2/NDF: 735652.9/35

All: 118.696+/-0.028 χ^2/NDF: 1609597.5/71

- sign 116.967+/-0.039 χ^2/NDF: 870053.9/35

reg_asym_atr_avg_diff_bpm1X_slope vs Slug

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

Left Out: -249.608+/-1.300 χ^2/NDF:737.8/18

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

Left In: -249.892+/-1.337 χ^2/NDF:712.9/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -249.746+/-0.932 χ^2/NDF: 1450.8/35

- 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: 8.993+/-0.889 χ^2/NDF:285.6/18

Right Out: 2.127+/-1.402 χ^2/NDF: 232.6/18

Left In: 9.013+/-0.932 χ^2/NDF:272.4/16

+ sign 6.302+/-0.767 χ^2/NDF: 547.4/35

All: 6.598+/-0.546 χ^2/NDF: 1069.4/71

- sign 6.902+/-0.776 χ^2/NDF: 521.7/35

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug

Right In: 372.263+/-2.759 χ^2/NDF: 2433.1/16

Left Out: 271.198+/-1.285 χ^2/NDF:804.9/18

Right Out: 345.135+/-2.562 χ^2/NDF: 3416.5/18

Left In: 269.633+/-1.310 χ^2/NDF:867.5/16

+ sign 289.207+/-1.165 χ^2/NDF: 4340.4/35

All: 287.242+/-0.824 χ^2/NDF: 9318.5/71

- sign 285.273+/-1.166 χ^2/NDF: 4972.5/35

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug

Right In: 70.867+/-1.743 χ^2/NDF: 427.0/16

Left Out: 54.590+/-1.051 χ^2/NDF:506.0/18

Right Out: 59.546+/-1.633 χ^2/NDF: 490.9/18

Left In: 53.993+/-1.097 χ^2/NDF:475.9/16

+ sign 58.933+/-0.900 χ^2/NDF: 996.9/35

All: 57.344+/-0.640 χ^2/NDF: 1977.9/71

- sign 55.719+/-0.911 χ^2/NDF: 974.7/35

reg_asym_atr_avg_diff_bpm12X_slope vs Slug

Right In: -127.105+/-0.089 χ^2/NDF: 167064.7/16

Left Out: -143.553+/-0.051 χ^2/NDF:71728.4/18

Right Out: -116.369+/-0.083 χ^2/NDF: 167595.6/18

Left In: -141.608+/-0.052 χ^2/NDF:44515.5/16

+ sign -139.525+/-0.044 χ^2/NDF: 264335.9/35

All: -137.008+/-0.031 χ^2/NDF: 549526.4/71

- sign -134.530+/-0.044 χ^2/NDF: 278770.8/35

reg_asym_atr_dd_diff_bpm1X_slope vs Slug

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

Left Out: 190.763+/-1.156 χ^2/NDF:782.8/18

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

Left In: 194.108+/-1.198 χ^2/NDF:668.0/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 192.375+/-0.832 χ^2/NDF: 1454.8/35

- 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: 2.371+/-0.801 χ^2/NDF:286.8/18

Right Out: 14.055+/-1.392 χ^2/NDF: 436.5/18

Left In: 2.021+/-0.845 χ^2/NDF:265.3/16

+ sign 6.236+/-0.705 χ^2/NDF: 830.4/35

All: 5.760+/-0.504 χ^2/NDF: 1587.8/71

- sign 5.261+/-0.722 χ^2/NDF: 756.4/35

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug

Right In: -323.721+/-2.668 χ^2/NDF: 1850.8/16

Left Out: -272.248+/-1.149 χ^2/NDF:540.4/18

Right Out: -310.223+/-2.523 χ^2/NDF: 2300.0/18

Left In: -273.461+/-1.179 χ^2/NDF:581.1/16

+ sign -280.303+/-1.055 χ^2/NDF: 2705.1/35

All: -280.179+/-0.751 χ^2/NDF: 5760.4/71

- sign -280.052+/-1.068 χ^2/NDF: 3055.3/35

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug

Right In: -105.309+/-1.693 χ^2/NDF: 737.5/16

Left Out: -73.880+/-0.944 χ^2/NDF:489.1/18

Right Out: -93.680+/-1.612 χ^2/NDF: 826.5/18

Left In: -73.204+/-0.992 χ^2/NDF:406.0/16

+ sign -81.337+/-0.825 χ^2/NDF: 1489.4/35

All: -80.113+/-0.590 χ^2/NDF: 2843.5/71

- sign -78.830+/-0.845 χ^2/NDF: 1349.6/35

reg_asym_atr_dd_diff_bpm12X_slope vs Slug

Right In: 108.461+/-0.085 χ^2/NDF: 73302.1/16

Left Out: 121.741+/-0.045 χ^2/NDF:4139.3/18

Right Out: 102.570+/-0.079 χ^2/NDF: 53143.8/18

Left In: 121.306+/-0.047 χ^2/NDF:2830.5/16

+ sign 118.768+/-0.040 χ^2/NDF: 96513.6/35

All: 117.644+/-0.028 χ^2/NDF: 195446.0/71

- sign 116.515+/-0.040 χ^2/NDF: 97356.1/35

reg_asym_at1_avg_diff_bpm1X_slope vs Slug

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

Left Out: -37.433+/-0.491 χ^2/NDF:1080.6/18

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

Left In: -37.915+/-0.503 χ^2/NDF:1003.8/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -37.668+/-0.351 χ^2/NDF: 2084.8/35

- 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: 7.793+/-0.348 χ^2/NDF:233.9/18

Right Out: 20.390+/-0.644 χ^2/NDF: 365.3/18

Left In: 8.617+/-0.364 χ^2/NDF:286.0/16

+ sign 10.308+/-0.306 χ^2/NDF: 1083.6/35

All: 10.871+/-0.220 χ^2/NDF: 1995.1/71

- sign 11.474+/-0.317 χ^2/NDF: 904.5/35

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug

Right In: 73.071+/-1.228 χ^2/NDF: 1200.0/16

Left Out: 25.863+/-0.484 χ^2/NDF:1572.9/18

Right Out: 78.241+/-1.223 χ^2/NDF: 1542.7/18

Left In: 27.631+/-0.493 χ^2/NDF:1405.2/16

+ sign 32.204+/-0.450 χ^2/NDF: 4052.5/35

All: 33.439+/-0.321 χ^2/NDF: 8489.6/71

- sign 34.714+/-0.457 χ^2/NDF: 4421.7/35

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug

Right In: -33.991+/-0.736 χ^2/NDF: 719.8/16

Left Out: -13.552+/-0.403 χ^2/NDF:382.9/18

Right Out: -36.719+/-0.737 χ^2/NDF: 542.9/18

Left In: -14.517+/-0.422 χ^2/NDF:685.3/16

+ sign -18.268+/-0.354 χ^2/NDF: 1695.6/35

All: -19.102+/-0.254 χ^2/NDF: 3619.3/71

- sign -19.994+/-0.366 χ^2/NDF: 1912.3/35

reg_asym_at1_avg_diff_bpm12X_slope vs Slug

Right In: -16.408+/-0.044 χ^2/NDF: 474368.4/16

Left Out: -20.686+/-0.019 χ^2/NDF:201462.8/18

Right Out: -18.934+/-0.045 χ^2/NDF: 434152.2/18

Left In: -20.666+/-0.019 χ^2/NDF:167550.1/16

+ sign -20.039+/-0.017 χ^2/NDF: 683702.5/35

All: -20.216+/-0.012 χ^2/NDF: 1286862.3/71

- sign -20.402+/-0.018 χ^2/NDF: 602943.8/35

reg_asym_at1_dd_diff_bpm1X_slope vs Slug

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

Left Out: 16.008+/-0.466 χ^2/NDF:323.5/18

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

Left In: 14.023+/-0.477 χ^2/NDF:122.5/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 15.037+/-0.333 χ^2/NDF: 454.8/35

- 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: -1.318+/-0.334 χ^2/NDF:29.2/18

Right Out: -0.342+/-0.658 χ^2/NDF: 83.7/18

Left In: -0.697+/-0.349 χ^2/NDF:28.9/16

+ sign -1.130+/-0.298 χ^2/NDF: 150.7/35

All: -0.883+/-0.214 χ^2/NDF: 265.0/71

- sign -0.619+/-0.308 χ^2/NDF: 112.9/35

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug

Right In: 17.328+/-1.239 χ^2/NDF: 943.2/16

Left Out: 30.893+/-0.461 χ^2/NDF:1215.8/18

Right Out: 25.701+/-1.243 χ^2/NDF: 1379.1/18

Left In: 34.170+/-0.469 χ^2/NDF:150.6/16

+ sign 29.242+/-0.432 χ^2/NDF: 2264.2/35

All: 31.151+/-0.308 χ^2/NDF: 3874.2/71

- sign 33.116+/-0.438 χ^2/NDF: 1570.4/35

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug

Right In: -0.059+/-0.744 χ^2/NDF: 76.5/16

Left Out: 2.383+/-0.386 χ^2/NDF:30.3/18

Right Out: 0.326+/-0.749 χ^2/NDF: 55.1/18

Left In: 1.951+/-0.403 χ^2/NDF:34.8/16

+ sign 1.863+/-0.343 χ^2/NDF: 115.3/35

All: 1.730+/-0.247 χ^2/NDF: 209.2/71

- sign 1.587+/-0.355 χ^2/NDF: 93.6/35

reg_asym_at1_dd_diff_bpm12X_slope vs Slug

Right In: 7.454+/-0.044 χ^2/NDF: 356053.3/16

Left Out: -0.039+/-0.018 χ^2/NDF:76865.4/18

Right Out: 3.502+/-0.046 χ^2/NDF: 510579.7/18

Left In: -0.810+/-0.018 χ^2/NDF:11679.7/16

+ sign 1.003+/-0.017 χ^2/NDF: 457415.9/35

All: 0.406+/-0.012 χ^2/NDF: 990055.1/71

- sign -0.216+/-0.017 χ^2/NDF: 529987.1/35

reg_asym_at2_avg_diff_bpm1X_slope vs Slug

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

Left Out: -453.502+/-2.327 χ^2/NDF:1590.5/18

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

Left In: -482.020+/-2.492 χ^2/NDF:700.9/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -466.790+/-1.701 χ^2/NDF: 2361.3/35

- 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: 8.118+/-1.594 χ^2/NDF:246.1/18

Right Out: -5.363+/-2.264 χ^2/NDF: 344.6/18

Left In: 8.877+/-1.738 χ^2/NDF:212.7/16

+ sign 1.470+/-1.312 χ^2/NDF: 641.1/35

All: 2.482+/-0.950 χ^2/NDF: 1224.5/71

- sign 3.599+/-1.379 χ^2/NDF: 582.1/35

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug

Right In: 588.421+/-4.320 χ^2/NDF: 2130.2/16

Left Out: 473.918+/-2.316 χ^2/NDF:1317.1/18

Right Out: 567.451+/-4.137 χ^2/NDF: 2784.8/18

Left In: 496.060+/-2.446 χ^2/NDF:775.2/16

+ sign 499.480+/-2.041 χ^2/NDF: 3992.9/35

All: 506.782+/-1.466 χ^2/NDF: 7800.0/71

- sign 514.550+/-2.105 χ^2/NDF: 3780.7/35

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug

Right In: 150.891+/-2.674 χ^2/NDF: 634.8/16

Left Out: 127.486+/-1.887 χ^2/NDF:496.0/18

Right Out: 134.381+/-2.620 χ^2/NDF: 584.9/18

Left In: 133.979+/-2.047 χ^2/NDF:373.6/16

+ sign 135.269+/-1.542 χ^2/NDF: 1181.9/35

All: 134.726+/-1.114 χ^2/NDF: 2140.7/71

- sign 134.131+/-1.613 χ^2/NDF: 958.5/35

reg_asym_at2_avg_diff_bpm12X_slope vs Slug

Right In: -234.341+/-0.148 χ^2/NDF: 145165.1/16

Left Out: -268.264+/-0.092 χ^2/NDF:191882.2/18

Right Out: -226.716+/-0.141 χ^2/NDF: 99440.4/18

Left In: -279.771+/-0.097 χ^2/NDF:42554.4/16

+ sign -258.852+/-0.078 χ^2/NDF: 374851.3/35

All: -260.802+/-0.056 χ^2/NDF: 614075.6/71

- sign -262.839+/-0.080 χ^2/NDF: 237950.1/35

reg_asym_at2_dd_diff_bpm1X_slope vs Slug

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

Left Out: 32.481+/-0.516 χ^2/NDF:3206.5/18

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

Left In: 35.361+/-0.522 χ^2/NDF:1201.3/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 33.902+/-0.367 χ^2/NDF: 4423.2/35

- 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: -1.090+/-0.368 χ^2/NDF:103.8/18

Right Out: -7.256+/-0.762 χ^2/NDF: 257.3/18

Left In: -1.384+/-0.380 χ^2/NDF:120.7/16

+ sign -2.238+/-0.333 χ^2/NDF: 440.8/35

All: -2.391+/-0.238 χ^2/NDF: 866.8/71

- sign -2.552+/-0.340 χ^2/NDF: 425.6/35

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug

Right In: 117.302+/-1.409 χ^2/NDF: 2161.3/16

Left Out: 51.452+/-0.508 χ^2/NDF:3157.3/18

Right Out: 115.405+/-1.361 χ^2/NDF: 2150.5/18

Left In: 49.089+/-0.513 χ^2/NDF:1001.5/16

+ sign 59.040+/-0.478 χ^2/NDF: 7252.2/35

All: 58.191+/-0.339 χ^2/NDF: 12490.7/71

- sign 57.336+/-0.480 χ^2/NDF: 5232.1/35

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug

Right In: 22.250+/-0.889 χ^2/NDF: 1071.4/16

Left Out: -6.113+/-0.425 χ^2/NDF:539.4/18

Right Out: 18.395+/-0.872 χ^2/NDF: 1077.1/18

Left In: -7.069+/-0.439 χ^2/NDF:231.0/16

+ sign -0.843+/-0.383 χ^2/NDF: 2439.3/35

All: -1.370+/-0.274 χ^2/NDF: 4431.9/71

- sign -1.922+/-0.392 χ^2/NDF: 1988.8/35

reg_asym_at2_dd_diff_bpm12X_slope vs Slug

Right In: -6.482+/-0.046 χ^2/NDF: 265804.1/16

Left Out: 13.281+/-0.020 χ^2/NDF:617240.8/18

Right Out: -2.751+/-0.046 χ^2/NDF: 266291.4/18

Left In: 15.871+/-0.020 χ^2/NDF:210044.8/16

+ sign 10.245+/-0.018 χ^2/NDF: 1038177.9/35

All: 11.557+/-0.013 χ^2/NDF: 1664741.1/71

- sign 12.893+/-0.018 χ^2/NDF: 615955.6/35

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug

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

Left Out: -232.774+/-1.305 χ^2/NDF:861.7/18

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

Left In: -235.572+/-1.352 χ^2/NDF:842.6/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -234.124+/-0.939 χ^2/NDF: 1706.5/35

- 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: 7.298+/-0.895 χ^2/NDF:303.5/18

Right Out: -2.548+/-1.399 χ^2/NDF: 218.1/18

Left In: 8.494+/-0.945 χ^2/NDF:315.1/16

+ sign 4.462+/-0.762 χ^2/NDF: 543.8/35

All: 4.741+/-0.546 χ^2/NDF: 1120.1/71

- sign 5.034+/-0.783 χ^2/NDF: 576.0/35

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug

Right In: 266.624+/-2.477 χ^2/NDF: 7662.7/16

Left Out: 300.514+/-1.291 χ^2/NDF:864.6/18

Right Out: 261.551+/-2.458 χ^2/NDF: 8208.2/18

Left In: 303.657+/-1.325 χ^2/NDF:998.0/16

+ sign 293.272+/-1.145 χ^2/NDF: 8674.4/35

All: 293.716+/-0.817 χ^2/NDF: 18108.3/71

- sign 294.176+/-1.166 χ^2/NDF: 9433.6/35

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug

Right In: 62.566+/-1.678 χ^2/NDF: 722.4/16

Left Out: 57.627+/-1.057 χ^2/NDF:534.2/18

Right Out: 50.526+/-1.643 χ^2/NDF: 657.0/18

Left In: 55.748+/-1.111 χ^2/NDF:538.4/16

+ sign 59.030+/-0.894 χ^2/NDF: 1262.8/35

All: 56.640+/-0.641 χ^2/NDF: 2479.8/71

- sign 54.110+/-0.920 χ^2/NDF: 1202.4/35

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug

Right In: -53.567+/-0.070 χ^2/NDF: 1230233.3/16

Left Out: -143.341+/-0.051 χ^2/NDF:60371.6/18

Right Out: -55.502+/-0.072 χ^2/NDF: 969632.0/18

Left In: -142.552+/-0.052 χ^2/NDF:46831.2/16

+ sign -112.245+/-0.041 χ^2/NDF: 2357309.1/35

All: -112.318+/-0.030 χ^2/NDF: 4331604.8/71

- sign -112.395+/-0.042 χ^2/NDF: 1974289.3/35

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug

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

Left Out: 207.432+/-1.128 χ^2/NDF:683.2/18

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

Left In: 208.166+/-1.158 χ^2/NDF:556.9/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 207.789+/-0.808 χ^2/NDF: 1240.3/35

- 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: 0.794+/-0.779 χ^2/NDF:301.0/18

Right Out: 16.466+/-1.230 χ^2/NDF: 425.9/18

Left In: 1.379+/-0.814 χ^2/NDF:233.5/16

+ sign 6.006+/-0.678 χ^2/NDF: 870.6/35

All: 5.990+/-0.479 χ^2/NDF: 1634.7/71

- sign 5.974+/-0.679 χ^2/NDF: 764.1/35

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug

Right In: -332.037+/-2.562 χ^2/NDF: 784.9/16

Left Out: -241.722+/-1.120 χ^2/NDF:747.4/18

Right Out: -275.853+/-2.324 χ^2/NDF: 3362.8/18

Left In: -239.112+/-1.140 χ^2/NDF:479.7/16

+ sign -256.206+/-1.026 χ^2/NDF: 2575.8/35

All: -251.207+/-0.725 χ^2/NDF: 6667.1/71

- sign -246.233+/-1.023 χ^2/NDF: 4044.0/35

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug

Right In: -110.745+/-1.578 χ^2/NDF: 513.4/16

Left Out: -70.949+/-0.919 χ^2/NDF:507.8/18

Right Out: -88.600+/-1.435 χ^2/NDF: 969.7/18

Left In: -71.196+/-0.957 χ^2/NDF:361.3/16

+ sign -81.038+/-0.794 χ^2/NDF: 1496.3/35

All: -78.801+/-0.562 χ^2/NDF: 2945.1/71

- sign -76.554+/-0.796 χ^2/NDF: 1432.9/35

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug

Right In: 127.179+/-0.089 χ^2/NDF: 188050.9/16

Left Out: 121.600+/-0.044 χ^2/NDF:23935.5/18

Right Out: 82.684+/-0.075 χ^2/NDF: 765716.0/18

Left In: 120.268+/-0.045 χ^2/NDF:2528.7/16

+ sign 122.710+/-0.040 χ^2/NDF: 215132.9/35

All: 116.369+/-0.028 χ^2/NDF: 1216478.7/71

- sign 110.352+/-0.039 χ^2/NDF: 951642.2/35

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug

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

Left Out: -265.107+/-1.387 χ^2/NDF:2518.9/18

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

Left In: -285.022+/-1.467 χ^2/NDF:755.1/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -274.503+/-1.008 χ^2/NDF: 3371.3/35

- 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: 9.704+/-0.953 χ^2/NDF:176.7/18

Right Out: 9.505+/-1.074 χ^2/NDF: 231.5/18

Left In: 10.037+/-1.026 χ^2/NDF:143.0/16

+ sign 8.649+/-0.715 χ^2/NDF: 440.5/35

All: 9.195+/-0.515 χ^2/NDF: 816.4/71

- sign 9.783+/-0.742 χ^2/NDF: 374.7/35

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug

Right In: 269.748+/-2.071 χ^2/NDF: 1374.1/16

Left Out: 203.086+/-1.376 χ^2/NDF:2476.9/18

Right Out: 260.206+/-1.978 χ^2/NDF: 2541.6/18

Left In: 220.161+/-1.439 χ^2/NDF:914.2/16

+ sign 223.488+/-1.146 χ^2/NDF: 4569.7/35

All: 228.674+/-0.816 χ^2/NDF: 8335.1/71

- sign 234.021+/-1.164 χ^2/NDF: 3723.8/35

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug

Right In: 42.006+/-1.255 χ^2/NDF: 575.6/16

Left Out: 56.002+/-1.123 χ^2/NDF:542.0/18

Right Out: 37.284+/-1.237 χ^2/NDF: 472.6/18

Left In: 61.562+/-1.206 χ^2/NDF:301.7/16

+ sign 49.779+/-0.837 χ^2/NDF: 1186.6/35

All: 49.758+/-0.601 χ^2/NDF: 2158.4/71

- sign 49.736+/-0.863 χ^2/NDF: 971.9/35

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug

Right In: -117.516+/-0.078 χ^2/NDF: 142016.6/16

Left Out: -147.711+/-0.054 χ^2/NDF:433170.3/18

Right Out: -105.892+/-0.073 χ^2/NDF: 324304.4/18

Left In: -157.246+/-0.057 χ^2/NDF:93991.8/16

+ sign -137.854+/-0.045 χ^2/NDF: 676120.7/35

All: -137.846+/-0.032 χ^2/NDF: 1403973.3/71

- sign -137.839+/-0.045 χ^2/NDF: 727852.5/35

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug

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

Left Out: 209.889+/-1.244 χ^2/NDF:3388.7/18

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

Left In: 230.697+/-1.310 χ^2/NDF:641.6/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 219.750+/-0.902 χ^2/NDF: 4162.9/35

- 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: 0.983+/-0.862 χ^2/NDF:183.3/18

Right Out: 9.519+/-1.051 χ^2/NDF: 296.2/18

Left In: 0.646+/-0.924 χ^2/NDF:146.7/16

+ sign 5.616+/-0.668 χ^2/NDF: 603.2/35

All: 5.087+/-0.481 χ^2/NDF: 1087.7/71

- sign 4.517+/-0.694 χ^2/NDF: 483.1/35

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug

Right In: -218.925+/-2.006 χ^2/NDF: 1146.6/16

Left Out: -206.699+/-1.237 χ^2/NDF:3319.8/18

Right Out: -211.968+/-1.924 χ^2/NDF: 1886.2/18

Left In: -225.182+/-1.289 χ^2/NDF:601.7/16

+ sign -210.069+/-1.053 χ^2/NDF: 4493.3/35

All: -215.486+/-0.751 χ^2/NDF: 7067.6/71

- sign -221.088+/-1.071 χ^2/NDF: 2520.5/35

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug

Right In: -77.342+/-1.219 χ^2/NDF: 817.2/16

Left Out: -74.879+/-1.015 χ^2/NDF:655.3/18

Right Out: -72.836+/-1.209 χ^2/NDF: 672.9/18

Left In: -80.416+/-1.084 χ^2/NDF:268.9/16

+ sign -75.887+/-0.780 χ^2/NDF: 1474.9/35

All: -76.442+/-0.561 χ^2/NDF: 2439.5/71

- sign -77.037+/-0.807 χ^2/NDF: 963.5/35

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug

Right In: 97.452+/-0.073 χ^2/NDF: 94476.4/16

Left Out: 127.103+/-0.049 χ^2/NDF:577010.5/18

Right Out: 87.315+/-0.068 χ^2/NDF: 221837.7/18

Left In: 137.436+/-0.051 χ^2/NDF:49738.7/16

+ sign 117.990+/-0.041 χ^2/NDF: 784934.9/35

All: 118.770+/-0.029 χ^2/NDF: 1404273.4/71

- sign 119.557+/-0.041 χ^2/NDF: 618596.9/35

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: 207.174+/-1.114 χ^2/NDF:1500.0/18

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

Left In: 220.162+/-1.185 χ^2/NDF:585.4/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 213.266+/-0.811 χ^2/NDF: 2149.3/35

- 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: 0.762+/-0.768 χ^2/NDF:251.2/18

Right Out: 12.294+/-1.086 χ^2/NDF: 443.7/18

Left In: 0.851+/-0.831 χ^2/NDF:196.5/16

+ sign 6.034+/-0.638 χ^2/NDF: 798.6/35

All: 5.572+/-0.459 χ^2/NDF: 1509.9/71

- sign 5.078+/-0.660 χ^2/NDF: 710.2/35

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: -224.745+/-1.110 χ^2/NDF:840.7/18

Right Out: -254.703+/-2.020 χ^2/NDF: 2038.5/18

Left In: -232.838+/-1.166 χ^2/NDF:535.4/16

+ sign -235.890+/-0.988 χ^2/NDF: 2236.5/35

All: -237.069+/-0.706 χ^2/NDF: 4901.2/71

- sign -238.300+/-1.010 χ^2/NDF: 2661.8/35

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug

Right In: -95.135+/-1.322 χ^2/NDF: 674.9/16

Left Out: -72.251+/-0.907 χ^2/NDF:556.0/18

Right Out: -84.124+/-1.259 χ^2/NDF: 782.9/18

Left In: -75.798+/-0.978 χ^2/NDF:325.3/16

+ sign -79.574+/-0.748 χ^2/NDF: 1434.5/35

All: -79.263+/-0.537 χ^2/NDF: 2570.3/71

- sign -78.931+/-0.772 χ^2/NDF: 1135.4/35

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: 124.062+/-0.044 χ^2/NDF:148847.0/18

Right Out: 99.049+/-0.069 χ^2/NDF: 173463.3/18

Left In: 129.286+/-0.046 χ^2/NDF:16154.8/16

+ sign 122.050+/-0.038 χ^2/NDF: 263909.8/35

All: 120.954+/-0.027 χ^2/NDF: 589270.3/71

- sign 119.863+/-0.038 χ^2/NDF: 323729.0/35

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: 23.829+/-0.362 χ^2/NDF:1860.2/18

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

Left In: 25.155+/-0.367 χ^2/NDF:582.5/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 24.483+/-0.258 χ^2/NDF: 2449.4/35

- 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: -1.198+/-0.259 χ^2/NDF:87.9/18

Right Out: -4.793+/-0.586 χ^2/NDF: 193.5/18

Left In: -1.092+/-0.267 χ^2/NDF:101.7/16

+ sign -1.786+/-0.237 χ^2/NDF: 293.7/35

All: -1.759+/-0.170 χ^2/NDF: 621.9/71

- sign -1.731+/-0.243 χ^2/NDF: 328.2/35

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: 42.024+/-0.357 χ^2/NDF:1452.2/18

Right Out: 75.878+/-1.069 χ^2/NDF: 1895.0/18

Left In: 41.191+/-0.361 χ^2/NDF:493.0/16

+ sign 44.705+/-0.339 χ^2/NDF: 3867.6/35

All: 44.718+/-0.241 χ^2/NDF: 7200.1/71

- sign 44.731+/-0.342 χ^2/NDF: 3332.5/35

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: -1.738+/-0.299 χ^2/NDF:418.3/18

Right Out: 12.071+/-0.665 χ^2/NDF: 543.3/18

Left In: -2.596+/-0.309 χ^2/NDF:149.7/16

+ sign 0.538+/-0.272 χ^2/NDF: 1235.1/35

All: 0.281+/-0.195 χ^2/NDF: 2330.5/71

- sign 0.009+/-0.280 χ^2/NDF: 1093.6/35

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: 6.367+/-0.014 χ^2/NDF:320881.7/18

Right Out: -0.644+/-0.037 χ^2/NDF: 361625.7/18

Left In: 7.740+/-0.014 χ^2/NDF:83250.6/16

+ sign 5.814+/-0.013 χ^2/NDF: 693344.1/35

All: 6.247+/-0.009 χ^2/NDF: 1185276.9/71

- sign 6.691+/-0.013 χ^2/NDF: 489670.4/35

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: -247.464+/-1.274 χ^2/NDF:1457.7/18

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

Left In: -260.860+/-1.358 χ^2/NDF:806.8/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -253.739+/-0.929 χ^2/NDF: 2316.3/35

- 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: 8.443+/-0.871 χ^2/NDF:253.3/18

Right Out: 4.497+/-1.160 χ^2/NDF: 225.4/18

Left In: 9.509+/-0.946 χ^2/NDF:229.4/16

+ sign 6.678+/-0.710 χ^2/NDF: 521.1/35

All: 7.079+/-0.510 χ^2/NDF: 987.8/71

- sign 7.507+/-0.733 χ^2/NDF: 466.1/35

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: 249.845+/-1.265 χ^2/NDF:1597.4/18

Right Out: 256.109+/-2.080 χ^2/NDF: 6444.1/18

Left In: 262.302+/-1.331 χ^2/NDF:984.8/16

+ sign 255.906+/-1.096 χ^2/NDF: 6801.1/35

All: 258.153+/-0.784 χ^2/NDF: 14244.8/71

- sign 260.503+/-1.121 χ^2/NDF: 7435.1/35

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: 56.439+/-1.031 χ^2/NDF:457.0/18

Right Out: 45.637+/-1.359 χ^2/NDF: 530.8/18

Left In: 58.364+/-1.114 χ^2/NDF:426.9/16

+ sign 55.620+/-0.834 χ^2/NDF: 1093.2/35

All: 54.474+/-0.599 χ^2/NDF: 2107.2/71

- sign 53.252+/-0.861 χ^2/NDF: 1010.1/35

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: -144.777+/-0.050 χ^2/NDF:198923.2/18

Right Out: -85.803+/-0.065 χ^2/NDF: 495895.1/18

Left In: -150.111+/-0.053 χ^2/NDF:69852.5/16

+ sign -125.686+/-0.040 χ^2/NDF: 1141185.5/35

All: -125.193+/-0.029 χ^2/NDF: 2298292.4/71

- sign -124.684+/-0.041 χ^2/NDF: 1156801.9/35

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: -8.834+/-0.339 χ^2/NDF:2512.7/18

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

Left In: -10.827+/-0.343 χ^2/NDF:774.0/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -9.818+/-0.241 χ^2/NDF: 3303.9/35

- 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: 0.007+/-0.242 χ^2/NDF:46.6/18

Right Out: 4.670+/-0.474 χ^2/NDF: 185.4/18

Left In: 0.351+/-0.250 χ^2/NDF:55.9/16

+ sign 0.937+/-0.215 χ^2/NDF: 402.3/35

All: 1.109+/-0.154 χ^2/NDF: 709.8/71

- sign 1.292+/-0.221 χ^2/NDF: 306.2/35

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: -9.329+/-0.334 χ^2/NDF:3197.4/18

Right Out: -50.441+/-0.857 χ^2/NDF: 1324.7/18

Left In: -7.369+/-0.337 χ^2/NDF:703.7/16

+ sign -15.209+/-0.312 χ^2/NDF: 6584.2/35

All: -14.178+/-0.221 χ^2/NDF: 10820.6/71

- sign -13.133+/-0.314 χ^2/NDF: 4214.3/35

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: 4.163+/-0.280 χ^2/NDF:334.7/18

Right Out: -12.912+/-0.538 χ^2/NDF: 730.2/18

Left In: 4.558+/-0.289 χ^2/NDF:119.0/16

+ sign 0.508+/-0.247 χ^2/NDF: 1906.3/35

All: 0.573+/-0.178 χ^2/NDF: 3573.1/71

- sign 0.641+/-0.255 χ^2/NDF: 1666.7/35

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: -7.005+/-0.013 χ^2/NDF:527001.8/18

Right Out: 7.719+/-0.031 χ^2/NDF: 545085.7/18

Left In: -8.460+/-0.013 χ^2/NDF:144489.1/16

+ sign -4.366+/-0.012 χ^2/NDF: 1182433.1/35

All: -5.194+/-0.008 χ^2/NDF: 2109799.4/71

- sign -6.046+/-0.012 χ^2/NDF: 917547.9/35

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug

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

Left Out: -22.792+/-0.054 χ^2/NDF:62475.0/18

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

Left In: -18.797+/-0.049 χ^2/NDF:38148.0/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -20.612+/-0.036 χ^2/NDF: 103657.0/35

- 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: 1.930+/-0.040 χ^2/NDF:2270.3/18

Right Out: 1.123+/-0.058 χ^2/NDF: 946.5/18

Left In: 1.559+/-0.036 χ^2/NDF:1937.5/16

+ sign 1.800+/-0.033 χ^2/NDF: 3014.8/35

All: 1.604+/-0.023 χ^2/NDF: 6003.4/71

- sign 1.438+/-0.031 χ^2/NDF: 2924.5/35

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug

Right In: -2.200+/-0.111 χ^2/NDF: 461.0/16

Left Out: 22.351+/-0.053 χ^2/NDF:55670.9/18

Right Out: -2.520+/-0.099 χ^2/NDF: 903.3/18

Left In: 17.935+/-0.048 χ^2/NDF:35940.8/16

+ sign 17.758+/-0.048 χ^2/NDF: 96199.2/35

All: 15.725+/-0.032 χ^2/NDF: 171000.8/71

- sign 14.088+/-0.043 χ^2/NDF: 71540.6/35

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug

Right In: -1.753+/-0.070 χ^2/NDF: 1345.0/16

Left Out: -3.004+/-0.045 χ^2/NDF:2784.6/18

Right Out: -1.617+/-0.066 χ^2/NDF: 1487.5/18

Left In: -2.508+/-0.041 χ^2/NDF:2381.0/16

+ sign -2.641+/-0.038 χ^2/NDF: 4354.5/35

All: -2.434+/-0.026 χ^2/NDF: 8410.7/71

- sign -2.260+/-0.035 χ^2/NDF: 4001.0/35

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug

Right In: 0.203+/-0.004 χ^2/NDF: 677.2/16

Left Out: 0.101+/-0.002 χ^2/NDF:4101.0/18

Right Out: 0.216+/-0.004 χ^2/NDF: 1067.3/18

Left In: 0.069+/-0.002 χ^2/NDF:3208.0/16

+ sign 0.121+/-0.002 χ^2/NDF: 5269.1/35

All: 0.107+/-0.001 χ^2/NDF: 10936.8/71

- sign 0.097+/-0.002 χ^2/NDF: 5567.0/35

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug

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

Left Out: -22.648+/-0.053 χ^2/NDF:62287.8/18

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

Left In: -18.687+/-0.049 χ^2/NDF:38060.1/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -20.487+/-0.036 χ^2/NDF: 103370.2/35

- 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: 1.887+/-0.040 χ^2/NDF:2269.9/18

Right Out: 1.092+/-0.058 χ^2/NDF: 952.1/18

Left In: 1.511+/-0.036 χ^2/NDF:1948.7/16

+ sign 1.763+/-0.033 χ^2/NDF: 3010.9/35

All: 1.563+/-0.022 χ^2/NDF: 6016.3/71

- sign 1.395+/-0.030 χ^2/NDF: 2938.6/35

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug

Right In: -1.977+/-0.110 χ^2/NDF: 463.8/16

Left Out: 22.208+/-0.053 χ^2/NDF:55523.9/18

Right Out: -2.294+/-0.098 χ^2/NDF: 906.6/18

Left In: 17.830+/-0.047 χ^2/NDF:35864.7/16

+ sign 17.695+/-0.048 χ^2/NDF: 95278.5/35

All: 15.677+/-0.032 χ^2/NDF: 169259.5/71

- sign 14.052+/-0.043 χ^2/NDF: 70725.9/35

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug

Right In: -1.726+/-0.070 χ^2/NDF: 1341.5/16

Left Out: -2.950+/-0.045 χ^2/NDF:2782.8/18

Right Out: -1.584+/-0.065 χ^2/NDF: 1492.8/18

Left In: -2.447+/-0.041 χ^2/NDF:2392.9/16

+ sign -2.596+/-0.038 χ^2/NDF: 4341.7/35

All: -2.385+/-0.025 χ^2/NDF: 8410.8/71

- sign -2.208+/-0.034 χ^2/NDF: 4011.3/35

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug

Right In: 0.200+/-0.004 χ^2/NDF: 662.5/16

Left Out: 0.101+/-0.002 χ^2/NDF:4092.1/18

Right Out: 0.213+/-0.004 χ^2/NDF: 1050.9/18

Left In: 0.069+/-0.002 χ^2/NDF:3181.6/16

+ sign 0.120+/-0.002 χ^2/NDF: 5223.2/35

All: 0.106+/-0.001 χ^2/NDF: 10798.0/71

- sign 0.096+/-0.002 χ^2/NDF: 5478.6/35

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug

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

Left Out: -22.772+/-0.053 χ^2/NDF:62401.0/18

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

Left In: -18.780+/-0.049 χ^2/NDF:38119.1/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -20.593+/-0.036 χ^2/NDF: 103565.7/35

- 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: 1.851+/-0.040 χ^2/NDF:2292.2/18

Right Out: 1.052+/-0.058 χ^2/NDF: 963.3/18

Left In: 1.460+/-0.036 χ^2/NDF:1939.6/16

+ sign 1.721+/-0.033 χ^2/NDF: 3042.4/35

All: 1.518+/-0.023 χ^2/NDF: 6049.6/71

- sign 1.347+/-0.031 χ^2/NDF: 2938.6/35

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug

Right In: -2.006+/-0.111 χ^2/NDF: 463.3/16

Left Out: 22.297+/-0.053 χ^2/NDF:55621.4/18

Right Out: -2.336+/-0.099 χ^2/NDF: 901.2/18

Left In: 17.883+/-0.047 χ^2/NDF:35935.1/16

+ sign 17.771+/-0.048 χ^2/NDF: 95361.4/35

All: 15.733+/-0.032 χ^2/NDF: 169440.8/71

- sign 14.095+/-0.043 χ^2/NDF: 70793.8/35

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug

Right In: -1.682+/-0.070 χ^2/NDF: 1347.8/16

Left Out: -2.933+/-0.045 χ^2/NDF:2811.1/18

Right Out: -1.563+/-0.066 χ^2/NDF: 1504.7/18

Left In: -2.411+/-0.041 χ^2/NDF:2382.7/16

+ sign -2.572+/-0.038 χ^2/NDF: 4384.1/35

All: -2.356+/-0.026 χ^2/NDF: 8451.8/71

- sign -2.176+/-0.035 χ^2/NDF: 4008.0/35

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug

Right In: 0.201+/-0.004 χ^2/NDF: 691.3/16

Left Out: 0.100+/-0.002 χ^2/NDF:4079.6/18

Right Out: 0.214+/-0.004 χ^2/NDF: 1083.1/18

Left In: 0.070+/-0.002 χ^2/NDF:3159.9/16

+ sign 0.120+/-0.002 χ^2/NDF: 5253.3/35

All: 0.107+/-0.001 χ^2/NDF: 10835.6/71

- sign 0.097+/-0.002 χ^2/NDF: 5491.4/35

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug

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

Left Out: -23.186+/-0.054 χ^2/NDF:62257.2/18

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

Left In: -19.252+/-0.050 χ^2/NDF:37024.2/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -21.047+/-0.037 χ^2/NDF: 102113.5/35

- 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: 1.919+/-0.040 χ^2/NDF:2338.1/18

Right Out: 1.104+/-0.059 χ^2/NDF: 936.5/18

Left In: 1.563+/-0.037 χ^2/NDF:1925.1/16

+ sign 1.773+/-0.034 χ^2/NDF: 3093.3/35

All: 1.591+/-0.023 χ^2/NDF: 6052.0/71

- sign 1.436+/-0.031 χ^2/NDF: 2905.0/35

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug

Right In: -2.094+/-0.113 χ^2/NDF: 486.5/16

Left Out: 22.717+/-0.054 χ^2/NDF:55368.0/18

Right Out: -2.278+/-0.101 χ^2/NDF: 918.6/18

Left In: 18.358+/-0.049 χ^2/NDF:34705.5/16

+ sign 18.080+/-0.049 χ^2/NDF: 95340.0/35

All: 16.087+/-0.033 χ^2/NDF: 167874.8/71

- sign 14.471+/-0.044 χ^2/NDF: 69498.8/35

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug

Right In: -1.696+/-0.072 χ^2/NDF: 1333.3/16

Left Out: -3.023+/-0.046 χ^2/NDF:2853.9/18

Right Out: -1.624+/-0.067 χ^2/NDF: 1467.3/18

Left In: -2.550+/-0.042 χ^2/NDF:2343.0/16

+ sign -2.638+/-0.039 χ^2/NDF: 4431.6/35

All: -2.450+/-0.026 χ^2/NDF: 8423.5/71

- sign -2.292+/-0.035 χ^2/NDF: 3948.1/35

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug

Right In: 0.207+/-0.004 χ^2/NDF: 656.3/16

Left Out: 0.106+/-0.002 χ^2/NDF:4109.6/18

Right Out: 0.211+/-0.004 χ^2/NDF: 1145.7/18

Left In: 0.073+/-0.002 χ^2/NDF:3249.9/16

+ sign 0.125+/-0.002 χ^2/NDF: 5236.2/35

All: 0.111+/-0.001 χ^2/NDF: 10849.4/71

- sign 0.099+/-0.002 χ^2/NDF: 5498.6/35

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug

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

Left Out: -23.360+/-0.055 χ^2/NDF:61031.4/18

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

Left In: -19.385+/-0.051 χ^2/NDF:37267.5/16

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -21.205+/-0.037 χ^2/NDF: 101125.5/35

- 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: 1.982+/-0.041 χ^2/NDF:2226.5/18

Right Out: 1.160+/-0.060 χ^2/NDF: 917.0/18

Left In: 1.588+/-0.037 χ^2/NDF:1898.4/16

+ sign 1.842+/-0.034 χ^2/NDF: 2935.6/35

All: 1.641+/-0.023 χ^2/NDF: 5851.6/71

- sign 1.469+/-0.032 χ^2/NDF: 2852.0/35

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug

Right In: -2.350+/-0.114 χ^2/NDF: 439.7/16

Left Out: 22.904+/-0.055 χ^2/NDF:54380.3/18

Right Out: -2.624+/-0.103 χ^2/NDF: 840.4/18

Left In: 18.520+/-0.049 χ^2/NDF:34974.1/16

+ sign 18.226+/-0.049 χ^2/NDF: 94593.1/35

All: 16.227+/-0.033 χ^2/NDF: 167566.2/71

- sign 14.592+/-0.044 χ^2/NDF: 69972.0/35

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug

Right In: -1.779+/-0.072 χ^2/NDF: 1272.1/16

Left Out: -3.073+/-0.046 χ^2/NDF:2734.2/18

Right Out: -1.679+/-0.068 χ^2/NDF: 1429.6/18

Left In: -2.557+/-0.042 χ^2/NDF:2344.8/16

+ sign -2.698+/-0.039 χ^2/NDF: 4233.9/35

All: -2.490+/-0.026 χ^2/NDF: 8181.6/71

- sign -2.312+/-0.036 χ^2/NDF: 3894.5/35

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug

Right In: 0.206+/-0.004 χ^2/NDF: 651.8/16

Left Out: 0.107+/-0.002 χ^2/NDF:4088.2/18

Right Out: 0.223+/-0.004 χ^2/NDF: 1042.2/18

Left In: 0.075+/-0.002 χ^2/NDF:3225.6/16

+ sign 0.126+/-0.002 χ^2/NDF: 5179.4/35

All: 0.113+/-0.001 χ^2/NDF: 10734.8/71

- sign 0.103+/-0.002 χ^2/NDF: 5472.8/35