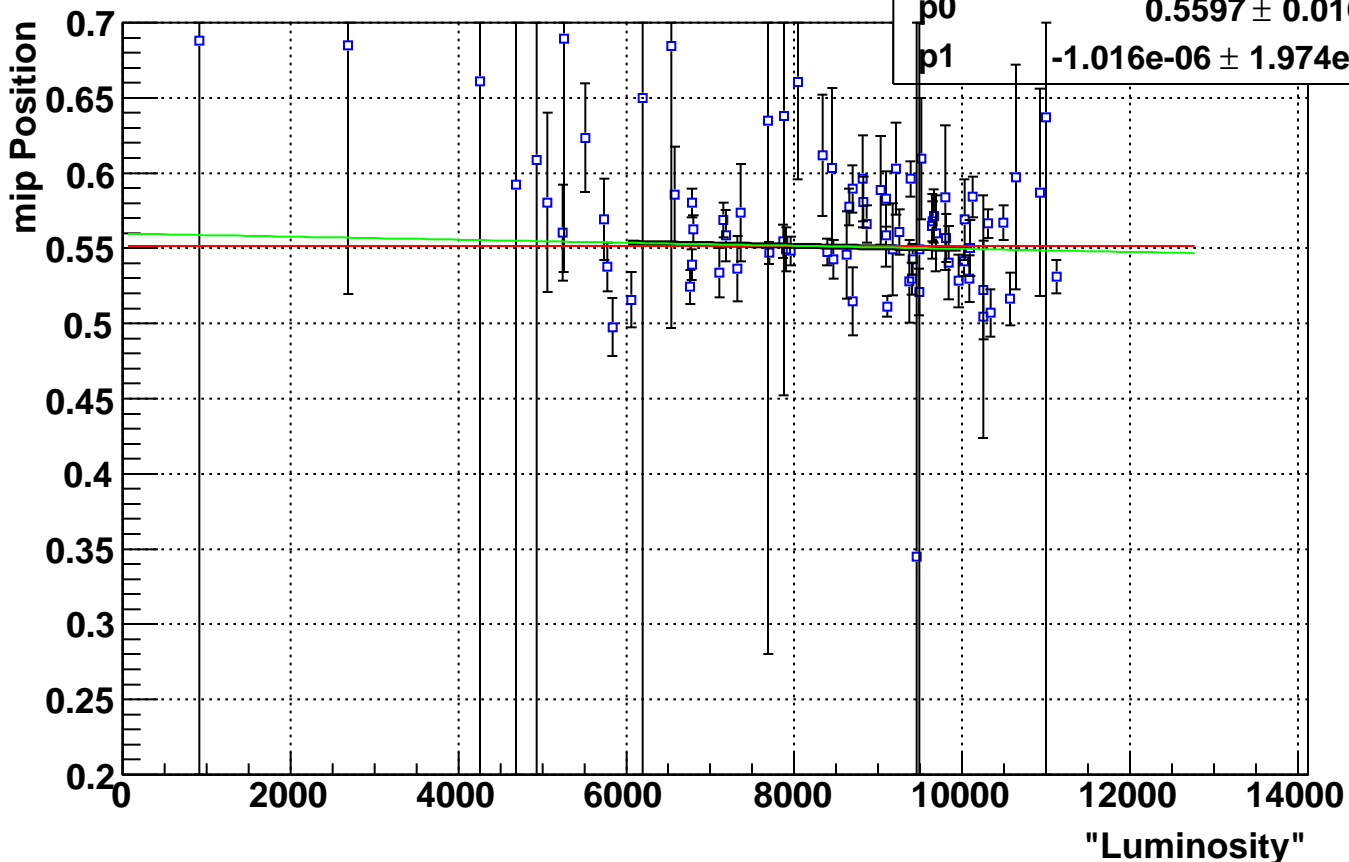
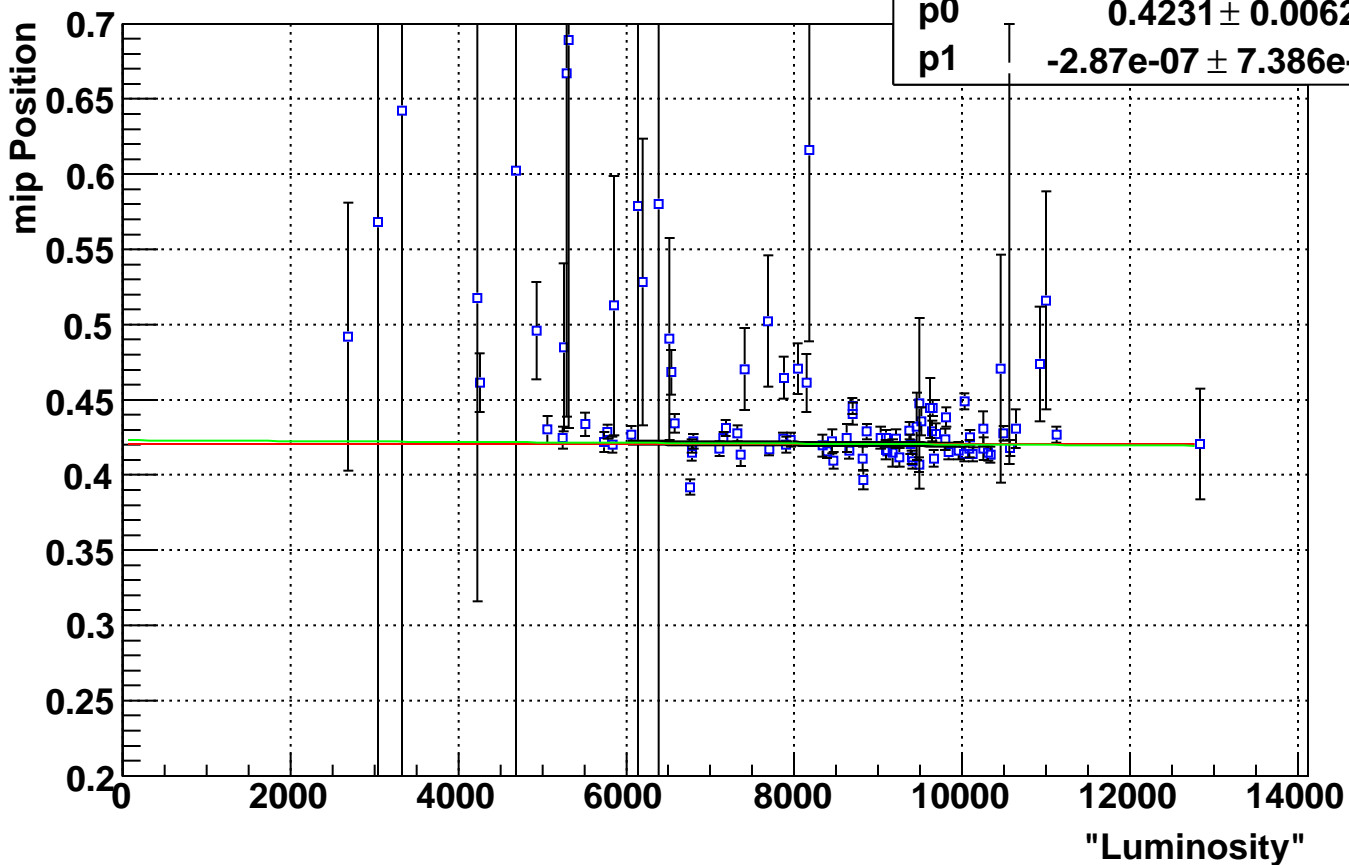


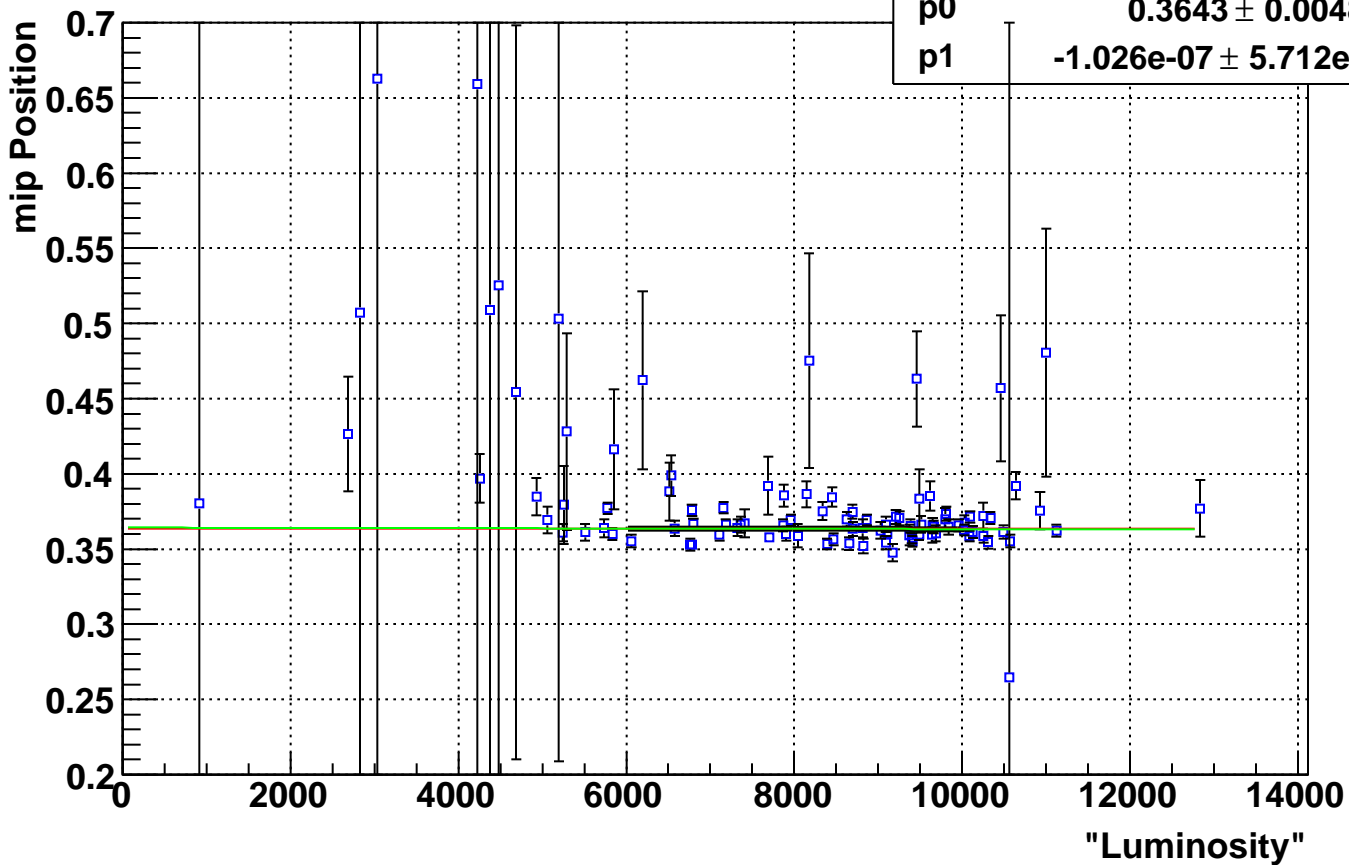
Eta Bin 1 mip Positons Vs. Luminosity



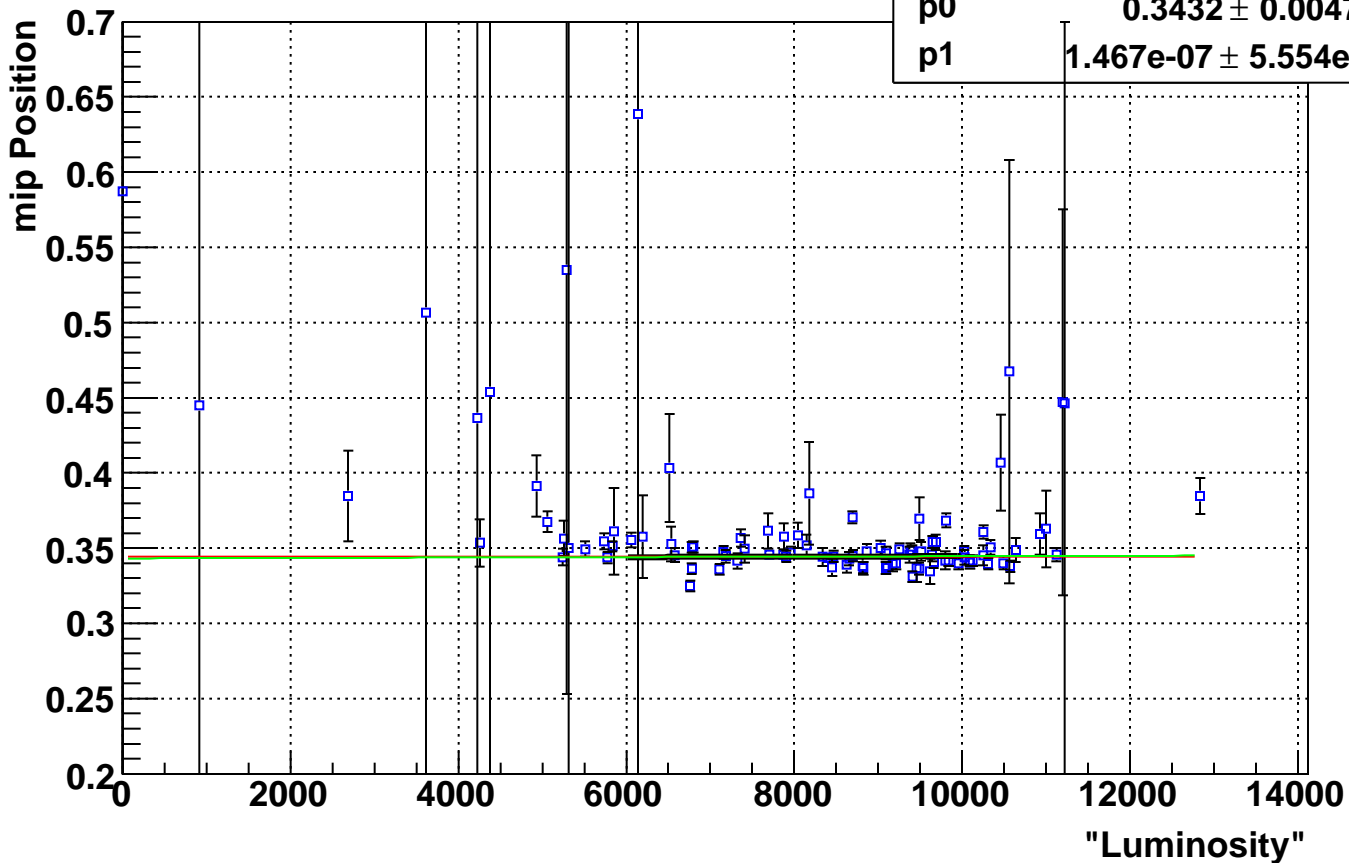
Eta Bin 2 mip Positons Vs. Luminosity



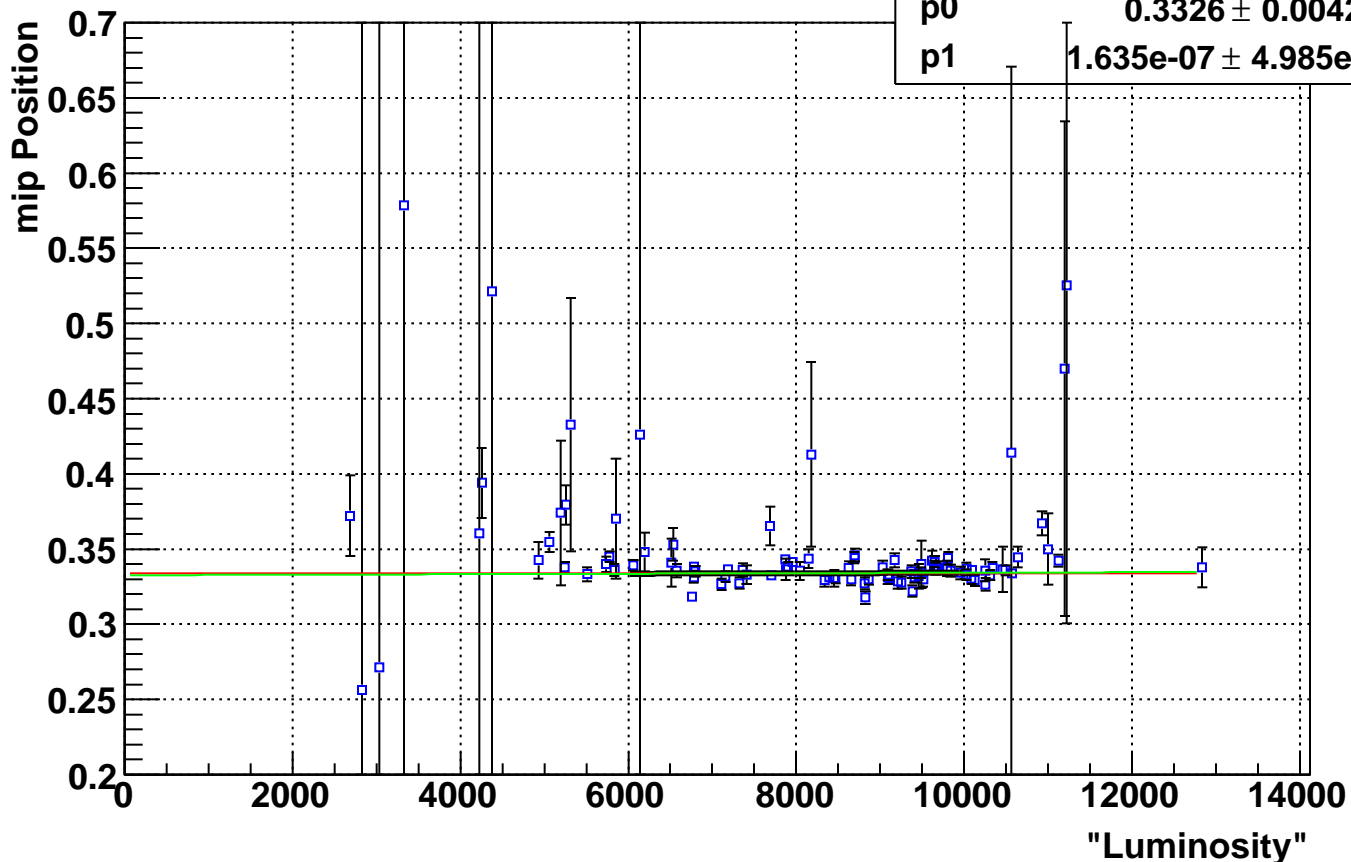
Eta Bin 3 mip Positons Vs. Luminosity



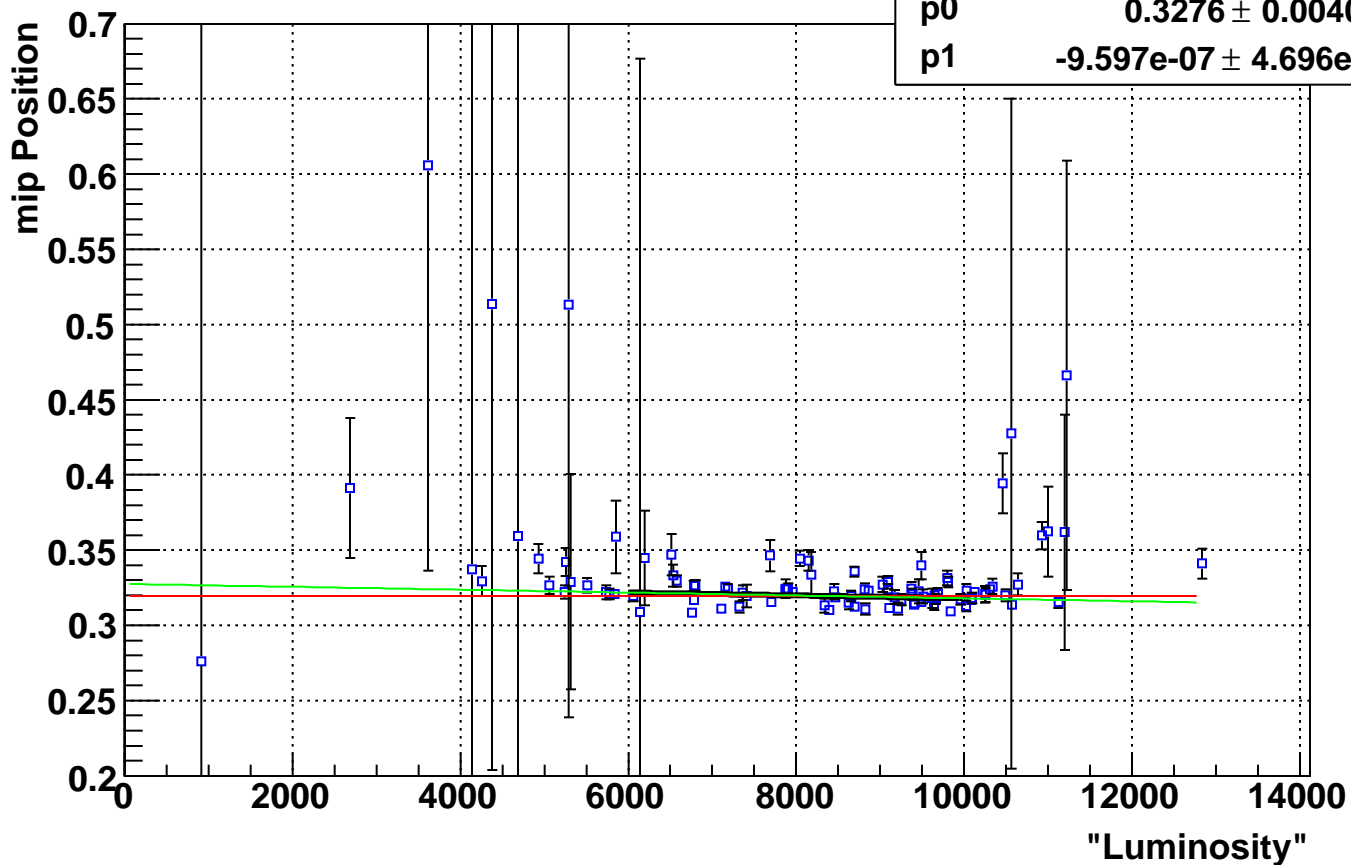
Eta Bin 4 mip Positons Vs. Luminosity



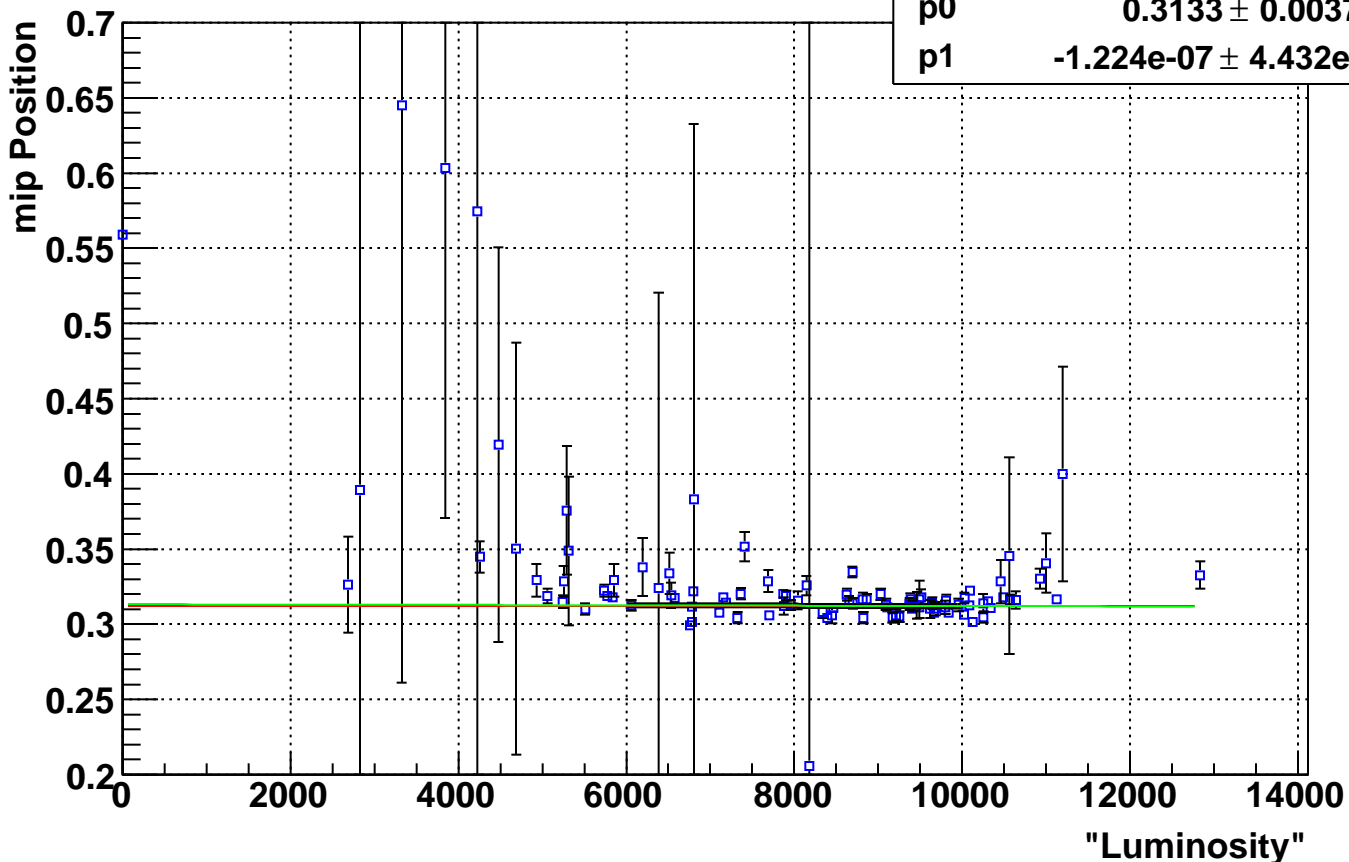
Eta Bin 5 mip Positons Vs. Luminosity



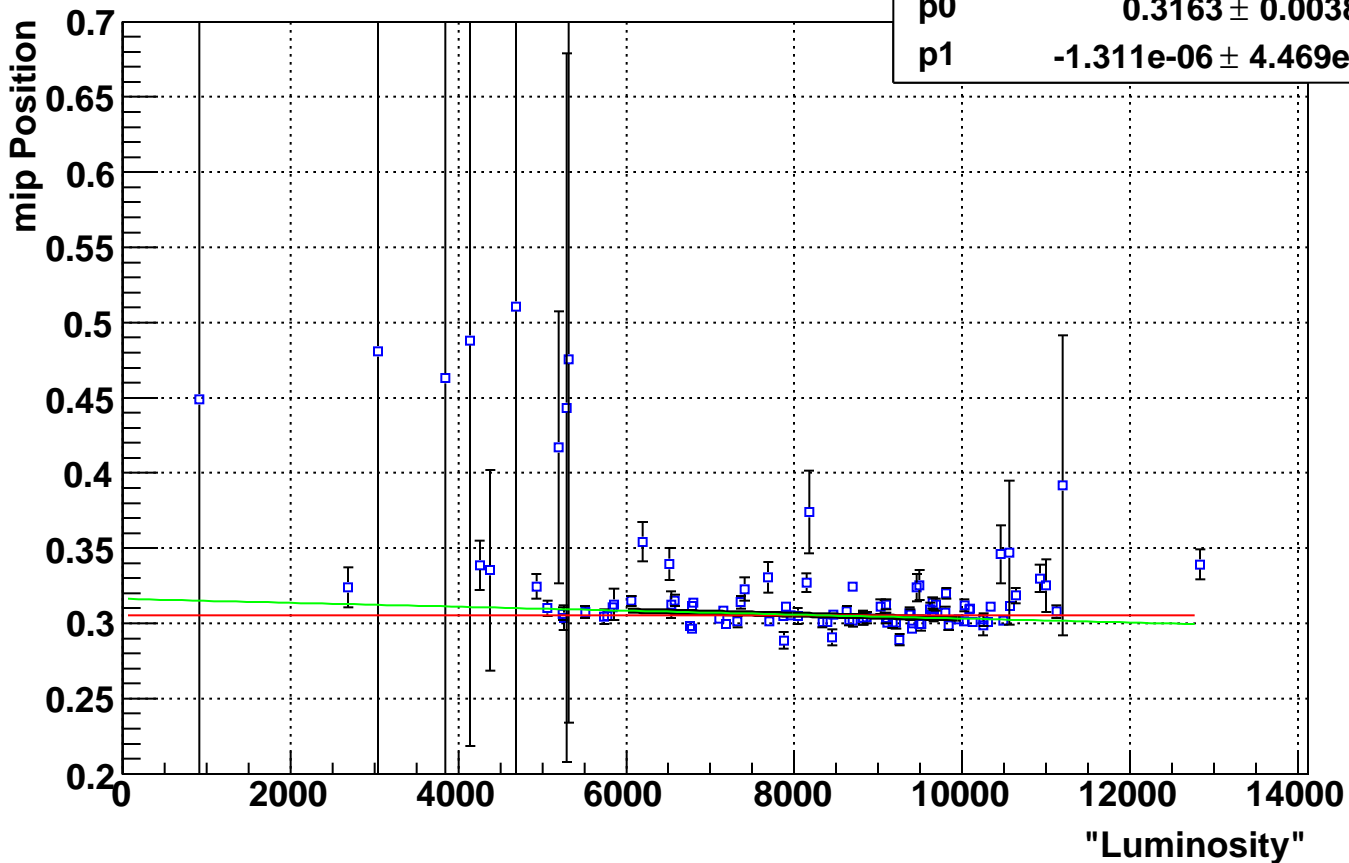
Eta Bin 6 mip Positons Vs. Luminosity



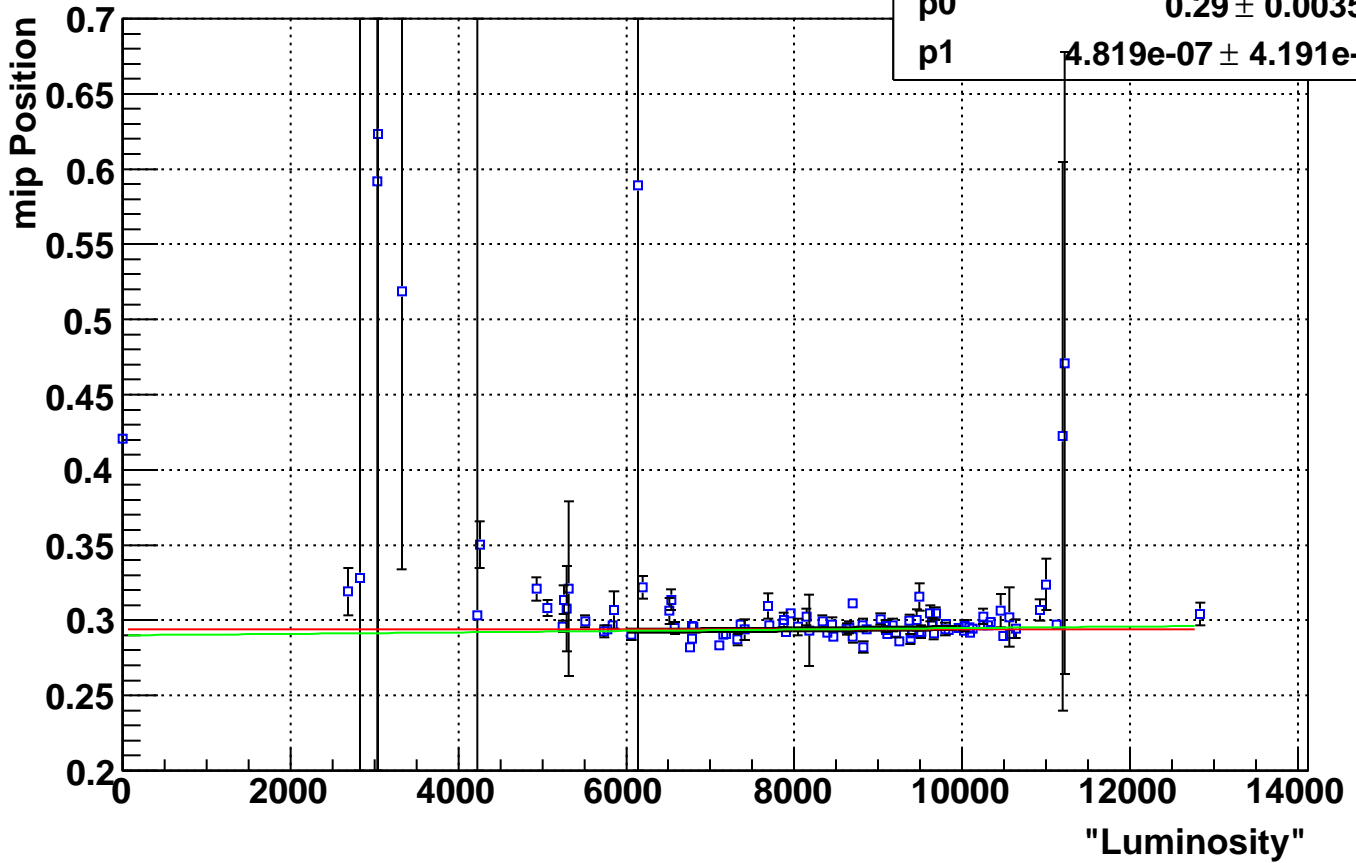
Eta Bin 7 mip Positons Vs. Luminosity



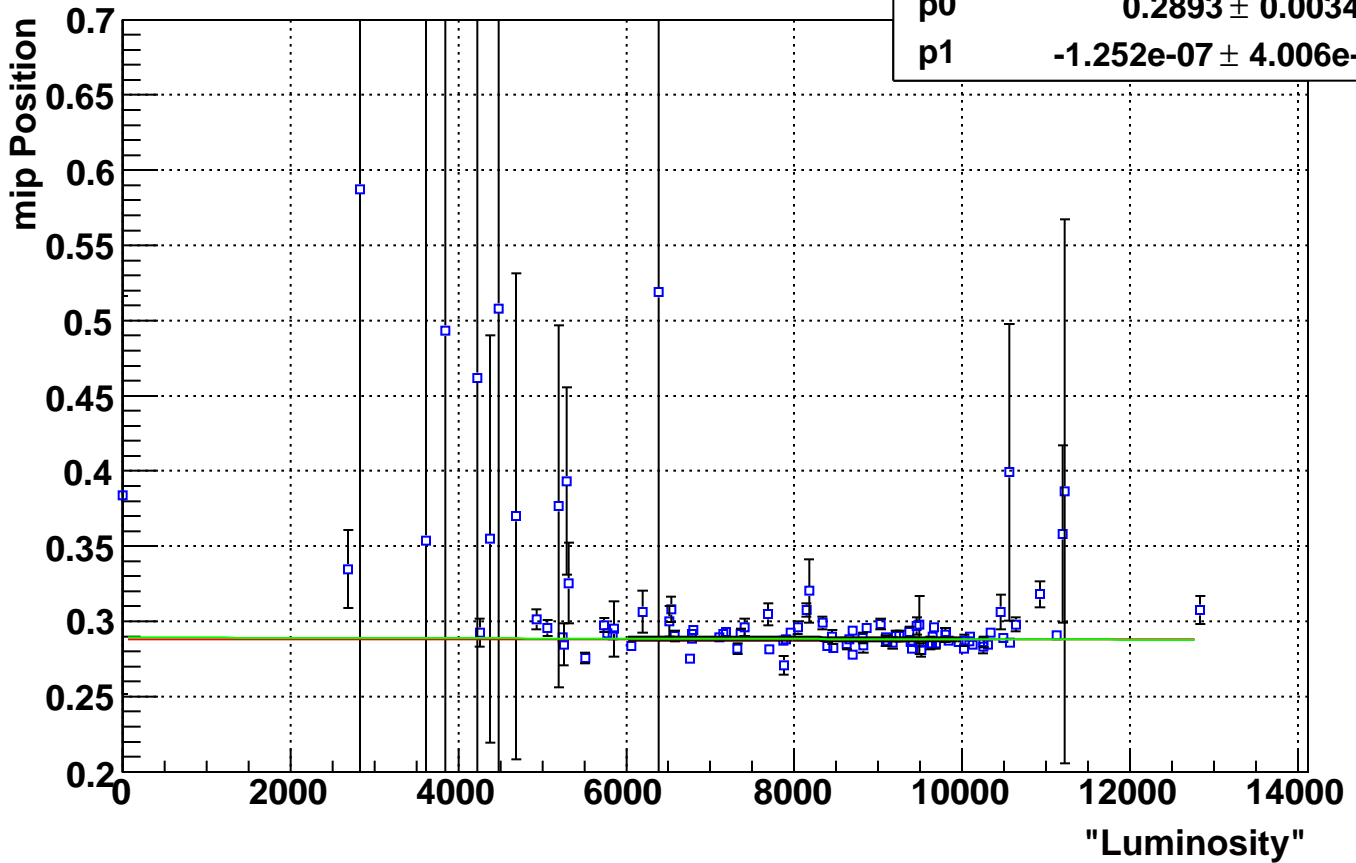
Eta Bin 8 mip Positons Vs. Luminosity



Eta Bin 9 mip Positons Vs. Luminosity

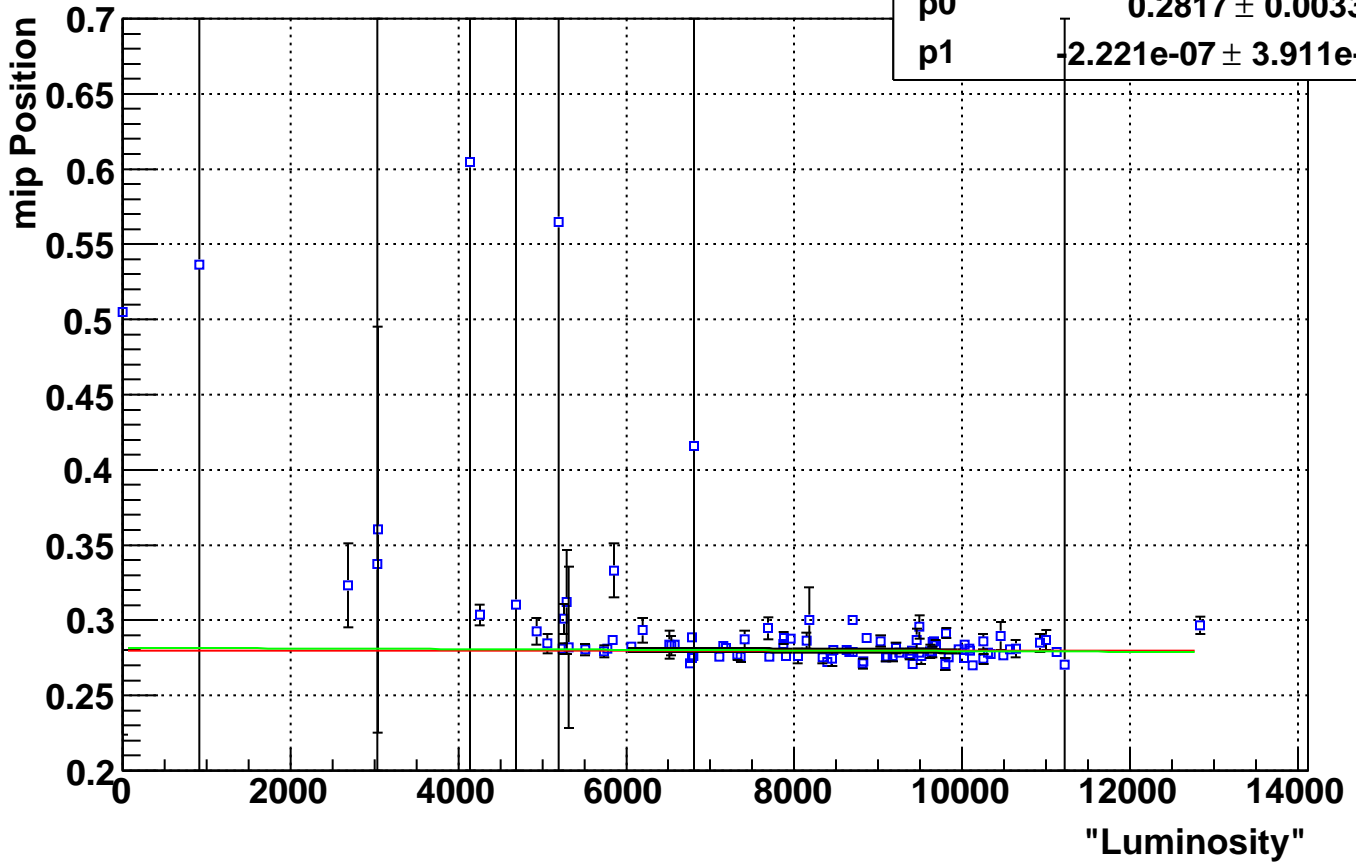


Eta Bin 10 mip Positons Vs. Luminosity



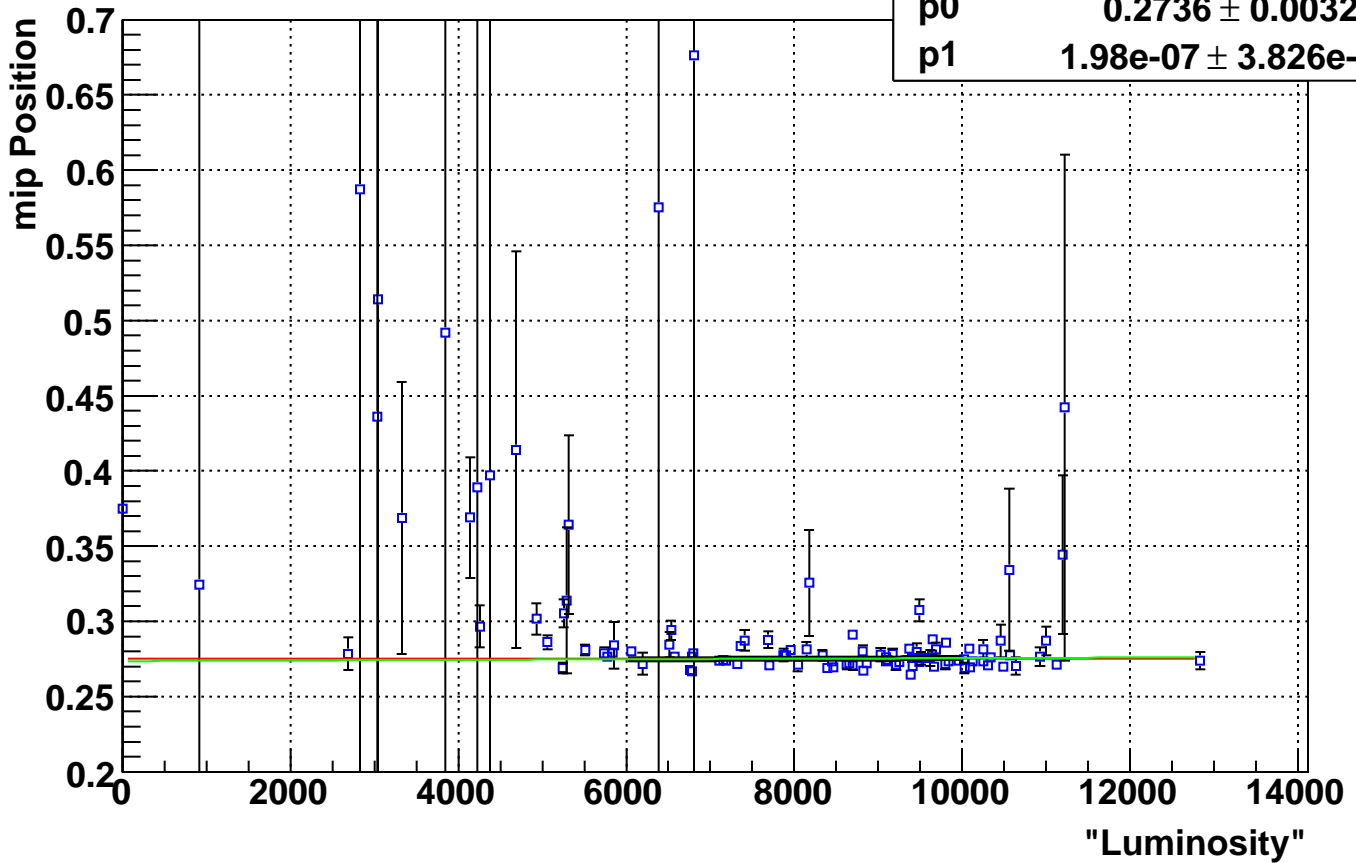
Eta Bin 11 mip Positons Vs. Luminosity

χ^2 / ndf 209.7 / 60
p0 0.2817 ± 0.003321
p1 $-2.221\text{e-}07 \pm 3.911\text{e-}07$

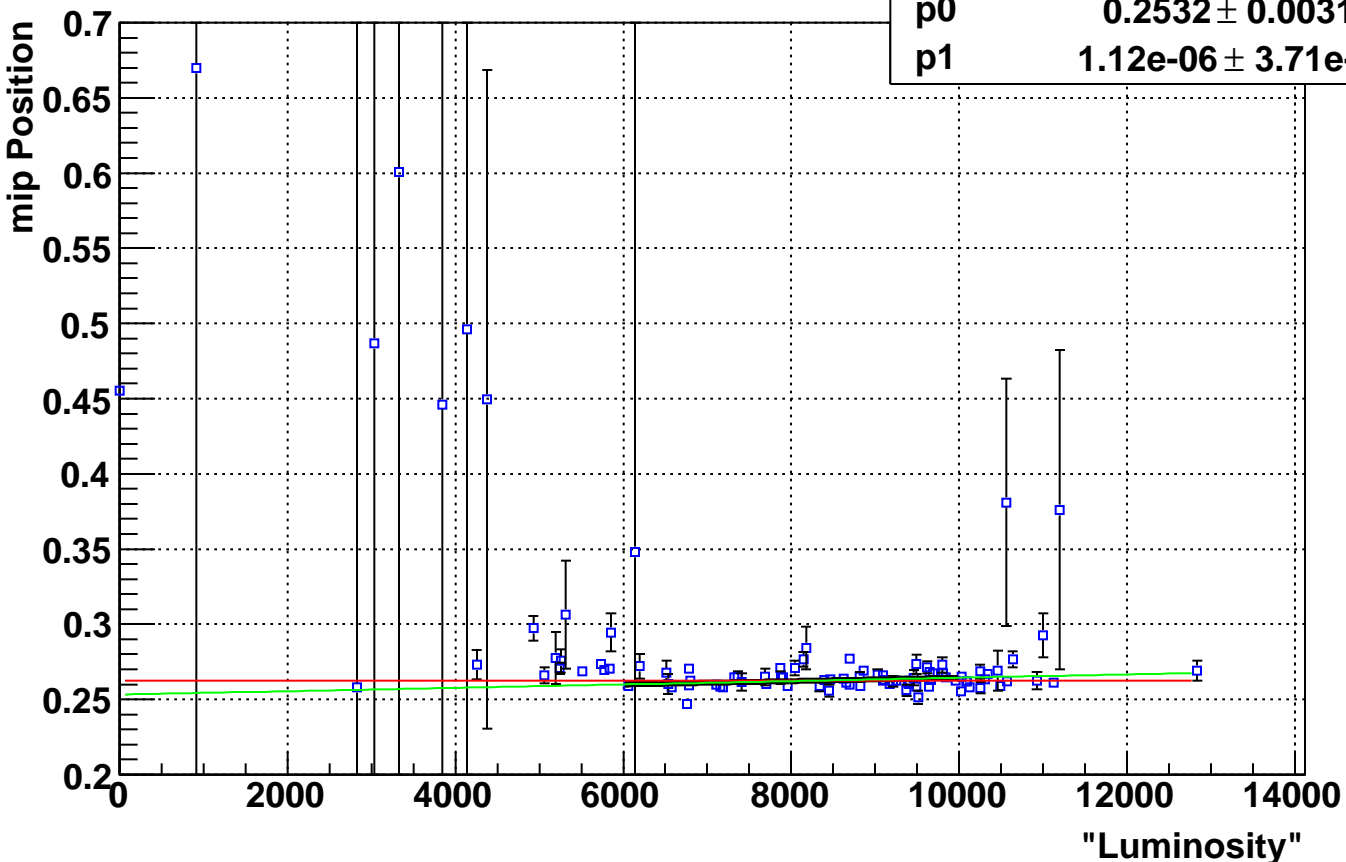


Eta Bin 12 mip Positons Vs. Luminosity

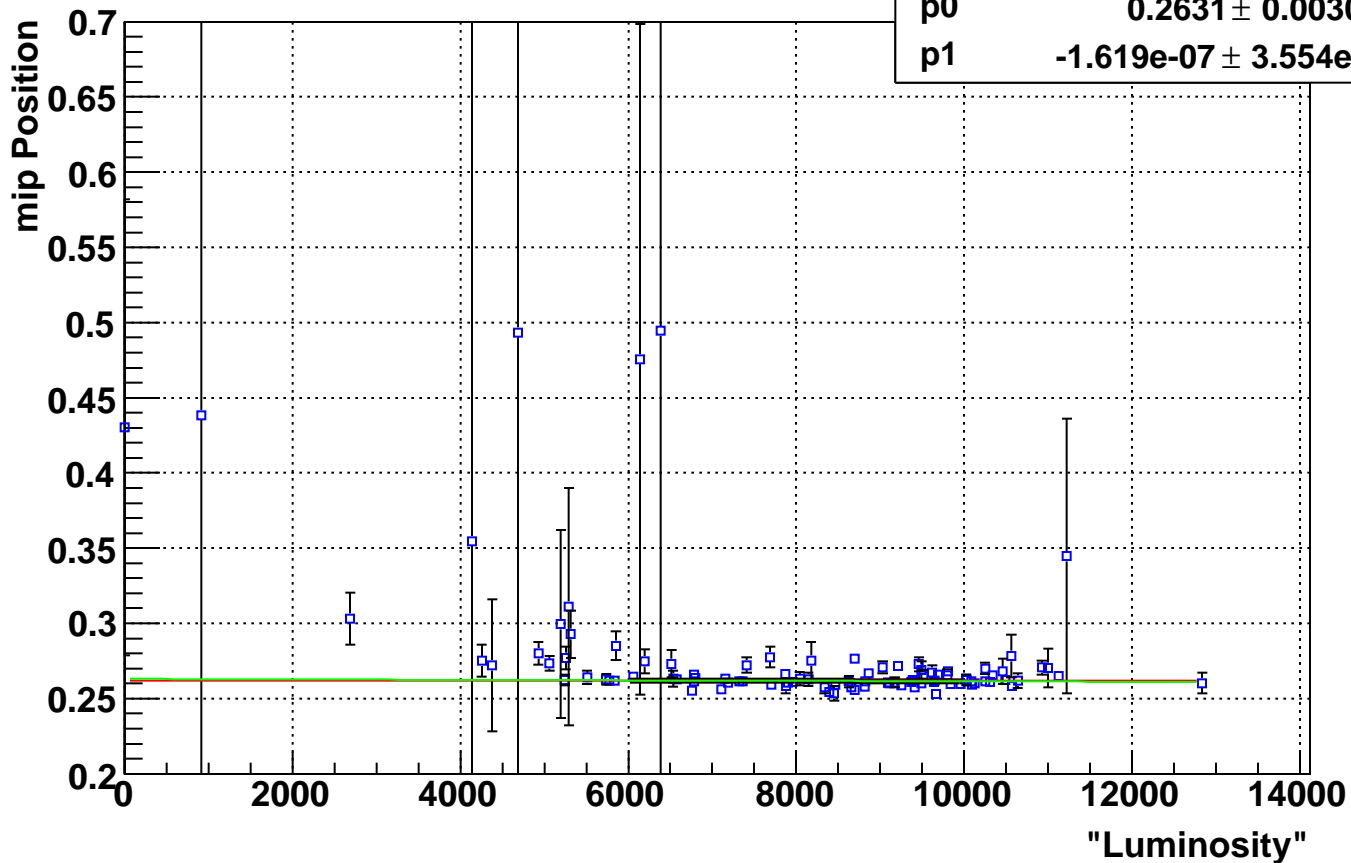
χ^2 / ndf 205.5 / 60
p0 0.2736 ± 0.003239
p1 $1.98\text{e-}07 \pm 3.826\text{e-}07$



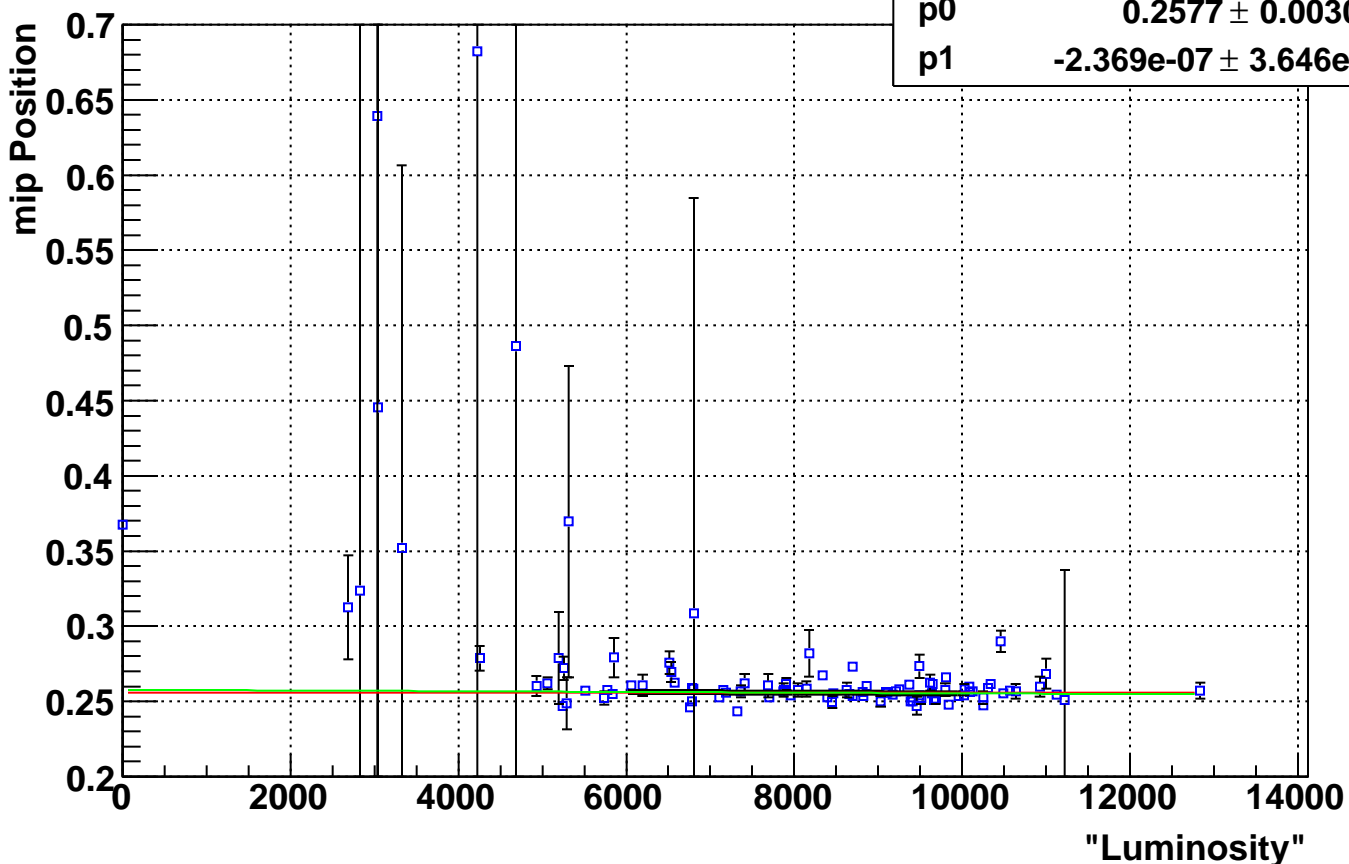
Eta Bin 13 mip Positons Vs. Luminosity



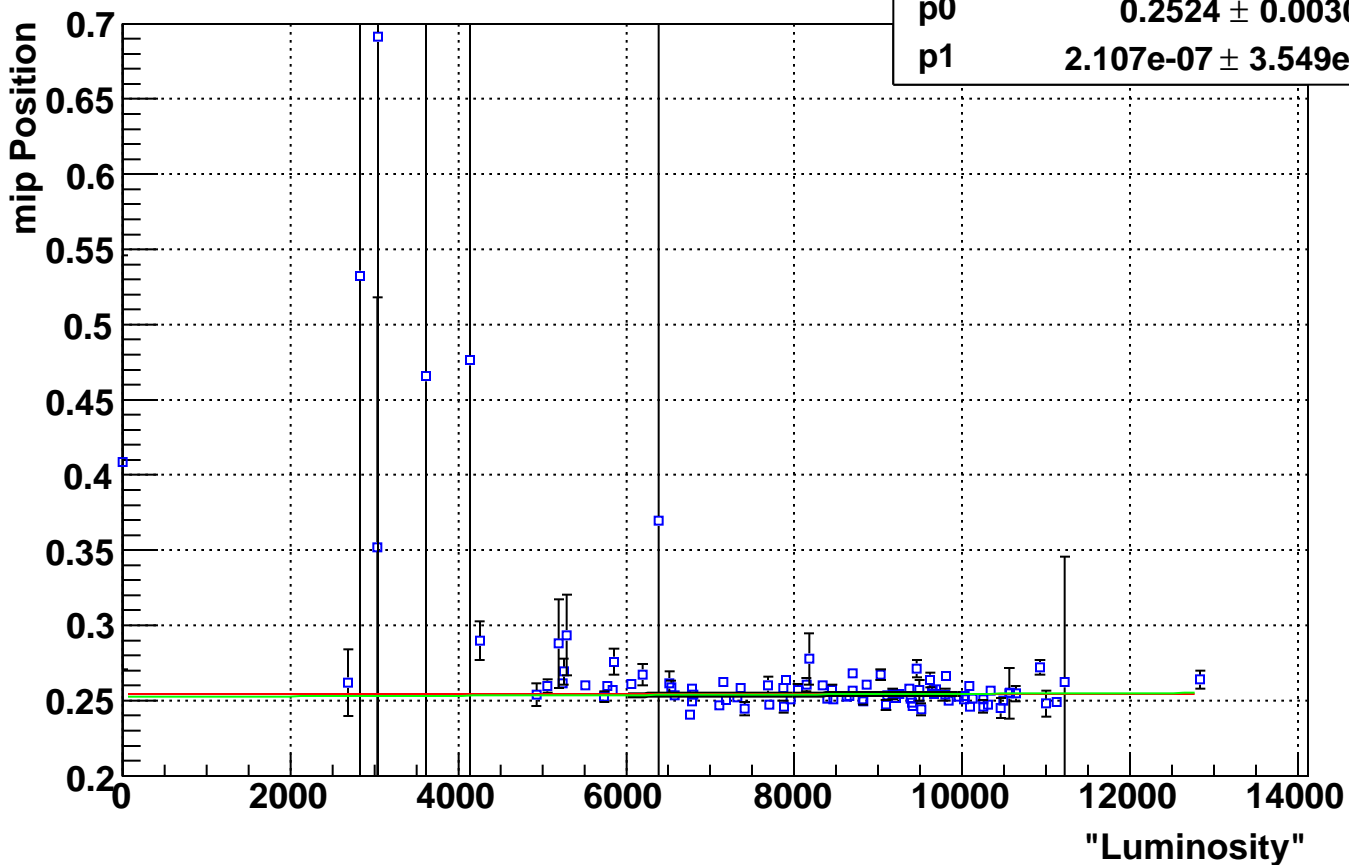
Eta Bin 14 mip Positons Vs. Luminosity



Eta Bin 15 mip Positons Vs. Luminosity

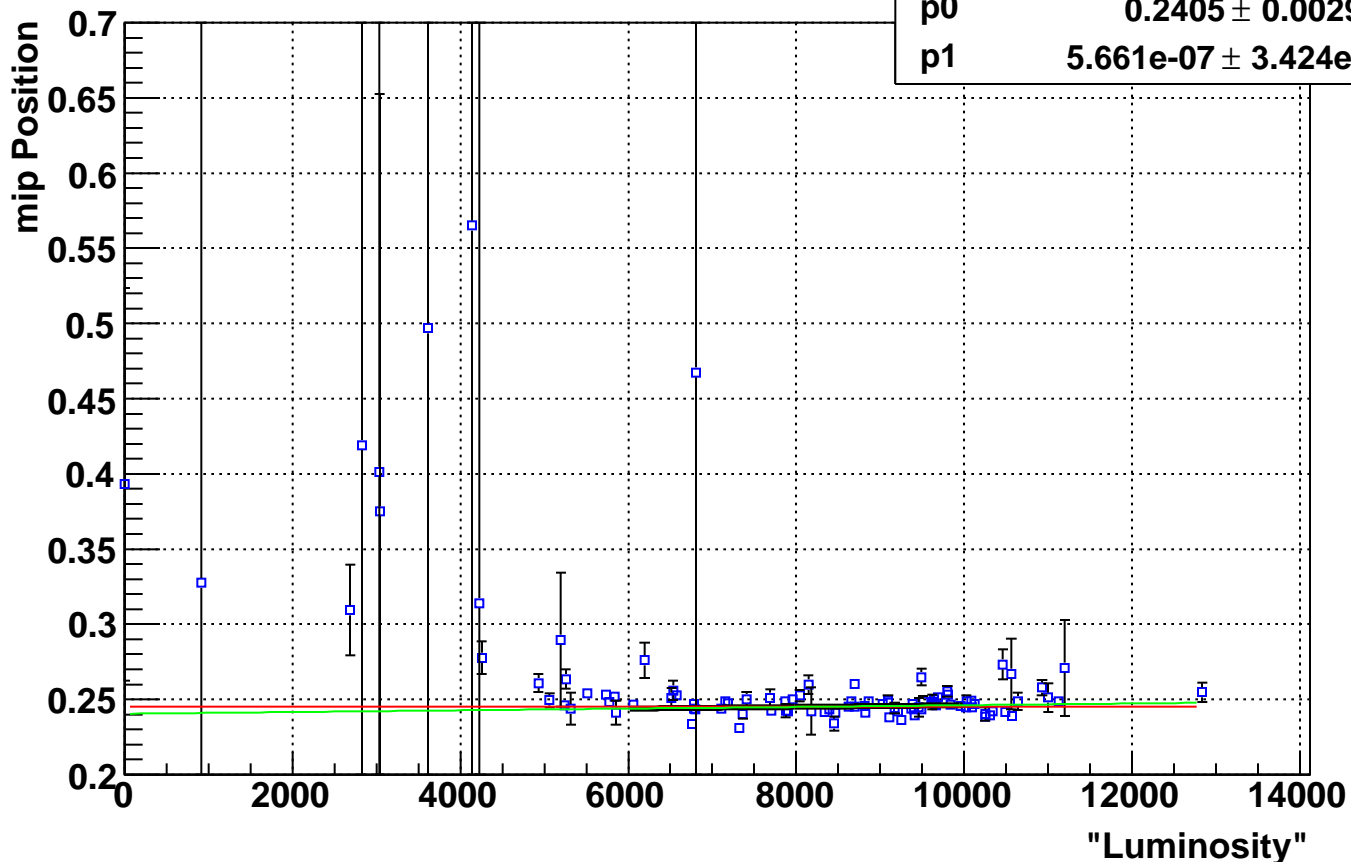


Eta Bin 16 mip Positons Vs. Luminosity



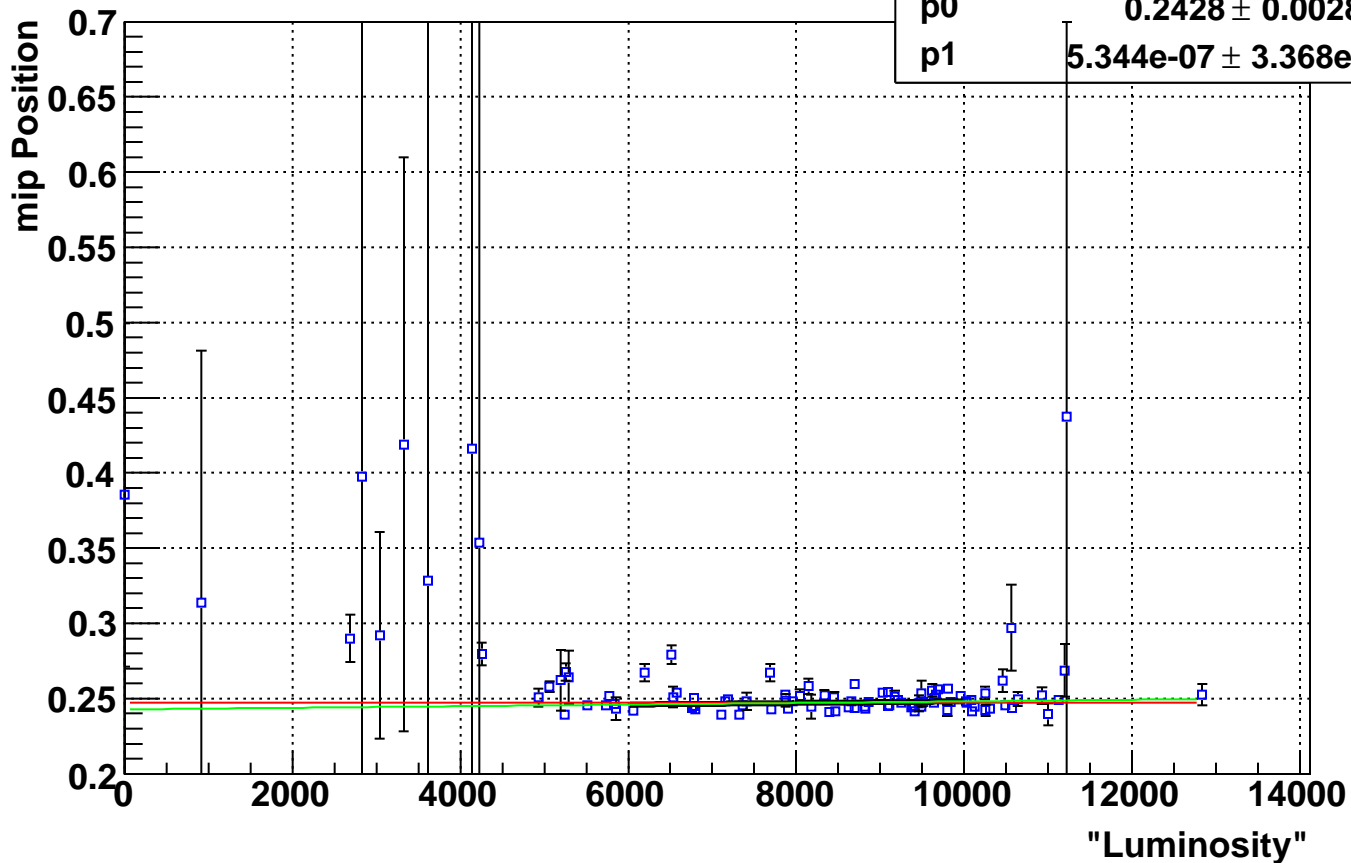
Eta Bin 17 mip Positons Vs. Luminosity

χ^2 / ndf 235.9 / 60
p0 0.2405 ± 0.002903
p1 $5.661\text{e-}07 \pm 3.424\text{e-}07$

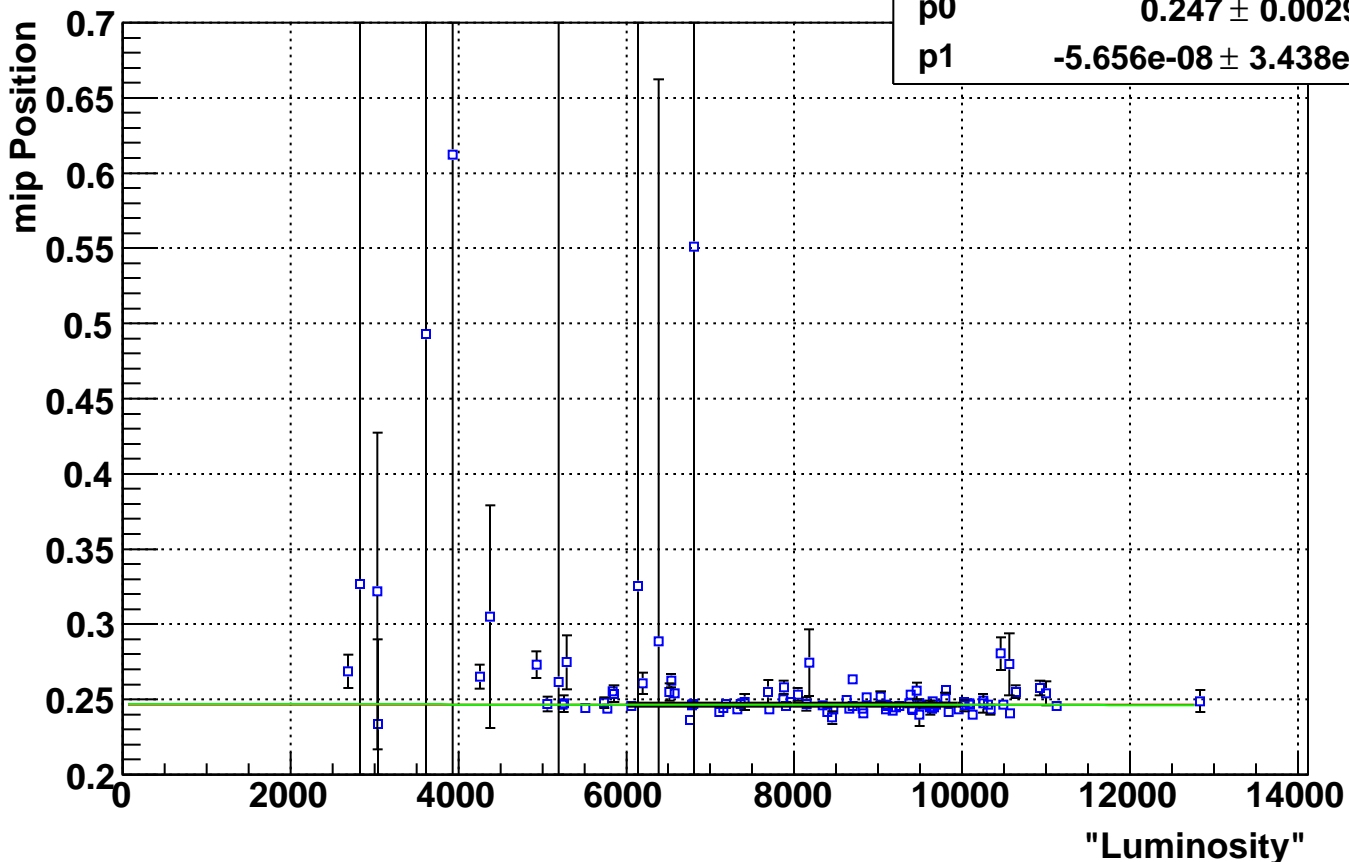


Eta Bin 18 mip Positons Vs. Luminosity

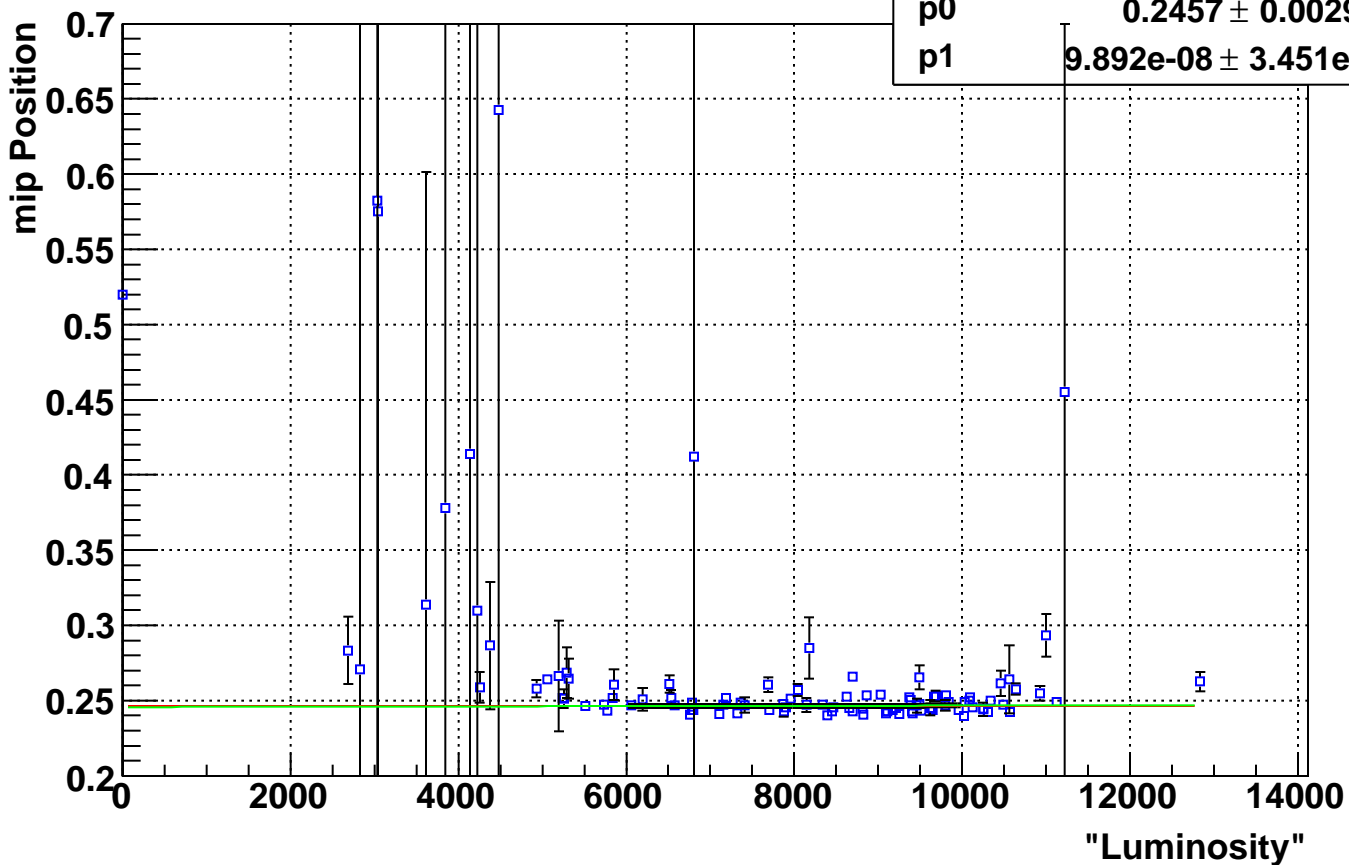
χ^2 / ndf 209 / 60
p0 0.2428 ± 0.002857
p1 $5.344\text{e-}07 \pm 3.368\text{e-}07$



Eta Bin 19 mip Positons Vs. Luminosity

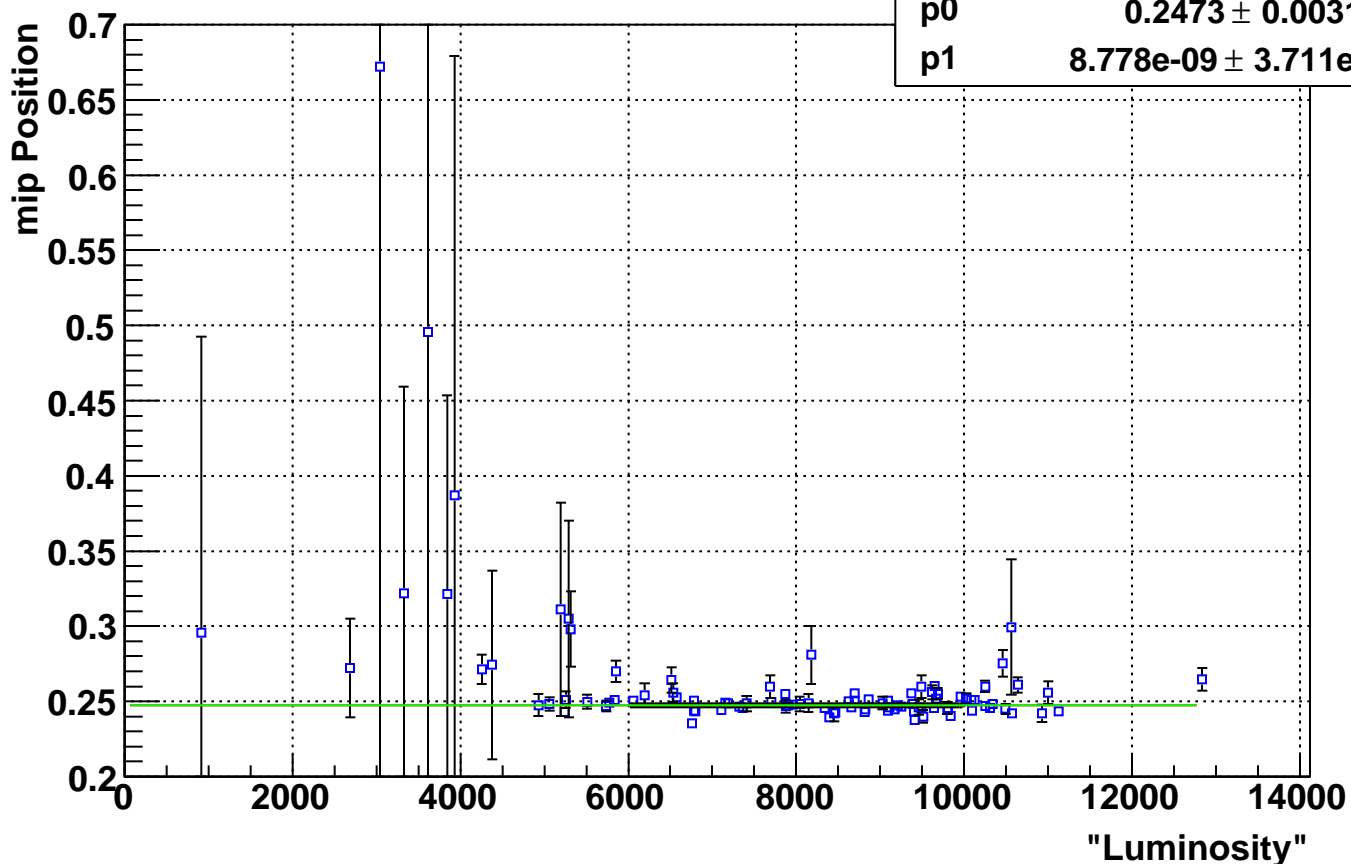


Eta Bin 20 mip Positons Vs. Luminosity



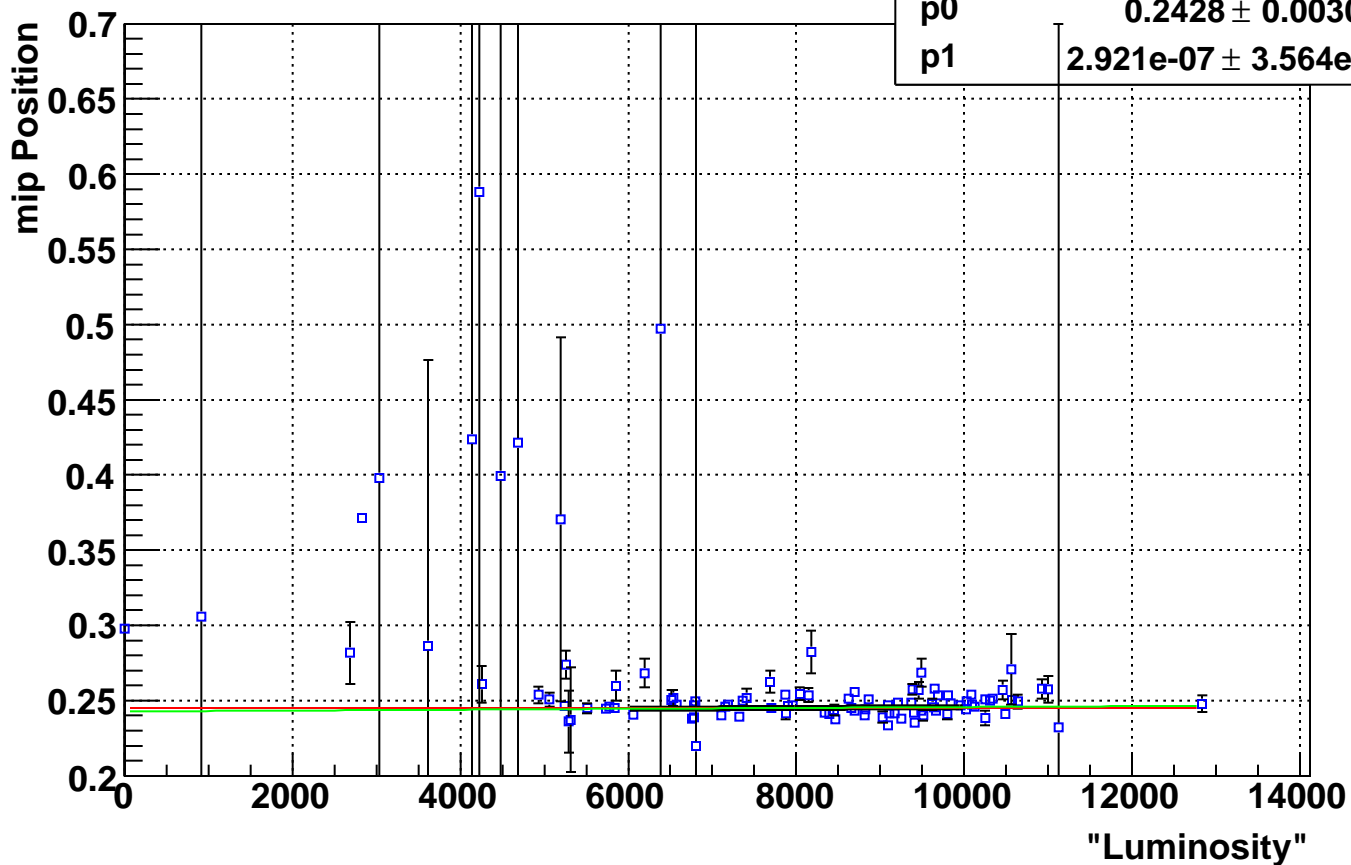
Eta Bin 21 mip Positons Vs. Luminosity

χ^2 / ndf 171.3 / 60
p0 0.2473 ± 0.003152
p1 $8.778\text{e-}09 \pm 3.711\text{e-}07$

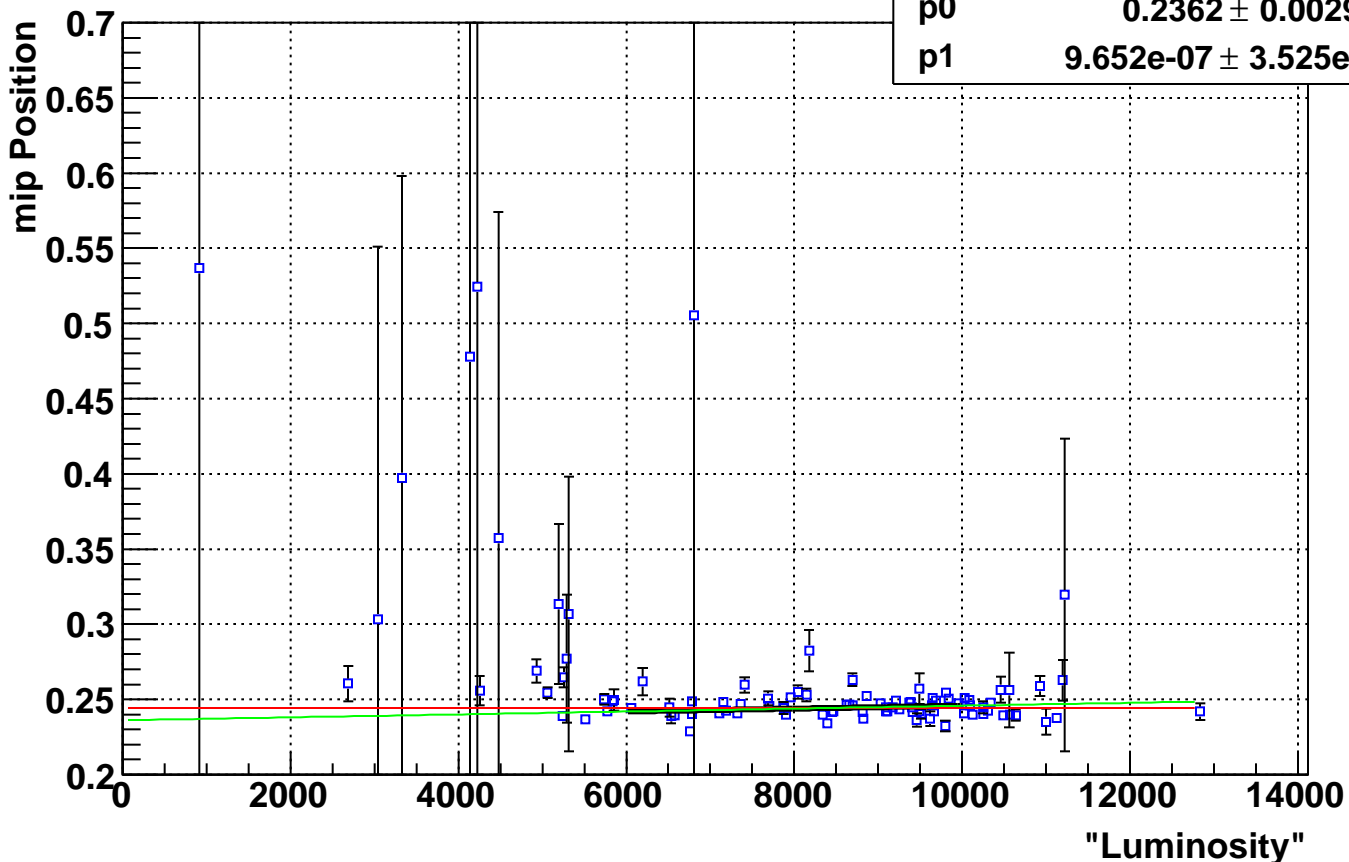


Eta Bin 22 mip Positons Vs. Luminosity

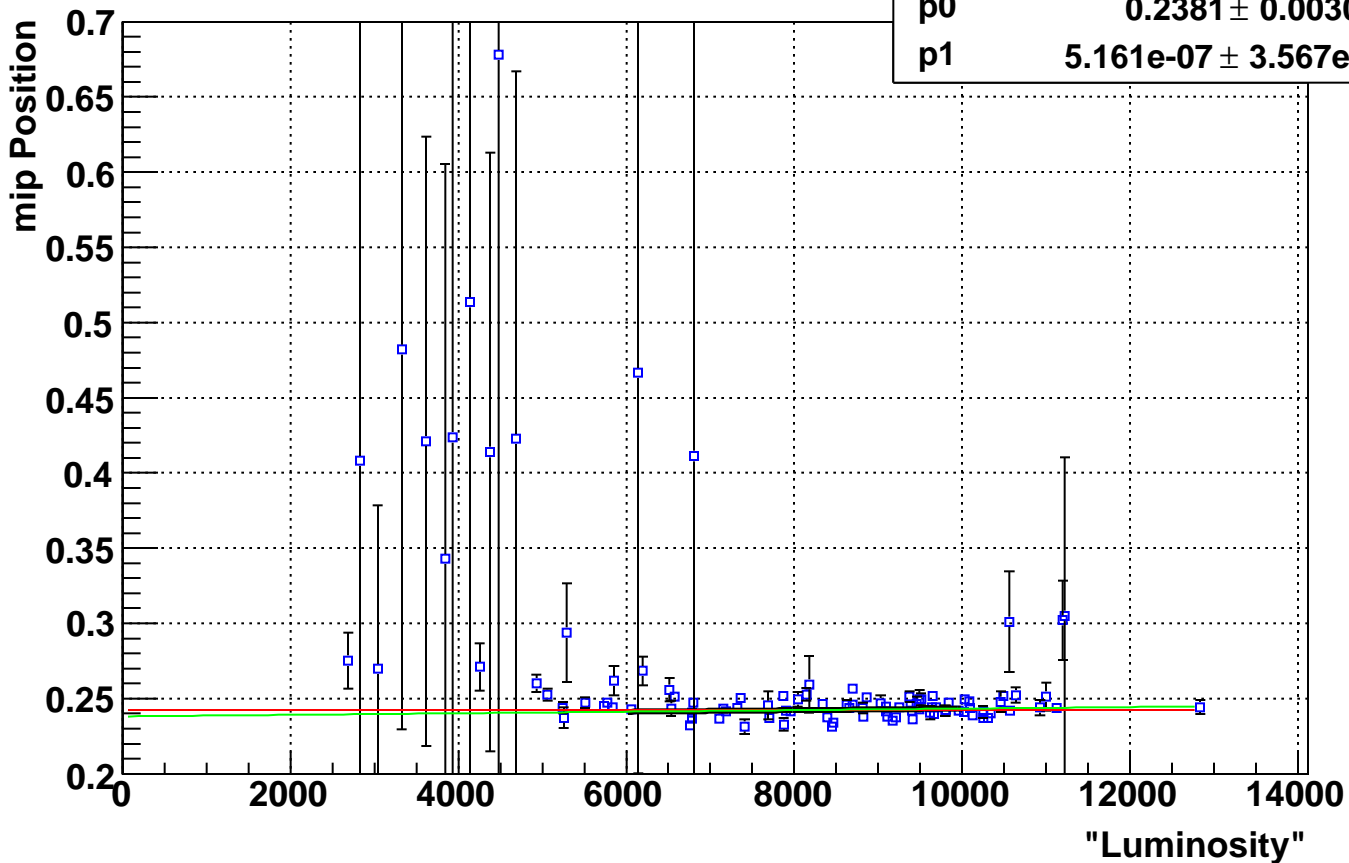
χ^2 / ndf 246.5 / 60
p0 0.2428 ± 0.003037
p1 $2.921\text{e-}07 \pm 3.564\text{e-}07$



Eta Bin 23 mip Positons Vs. Luminosity

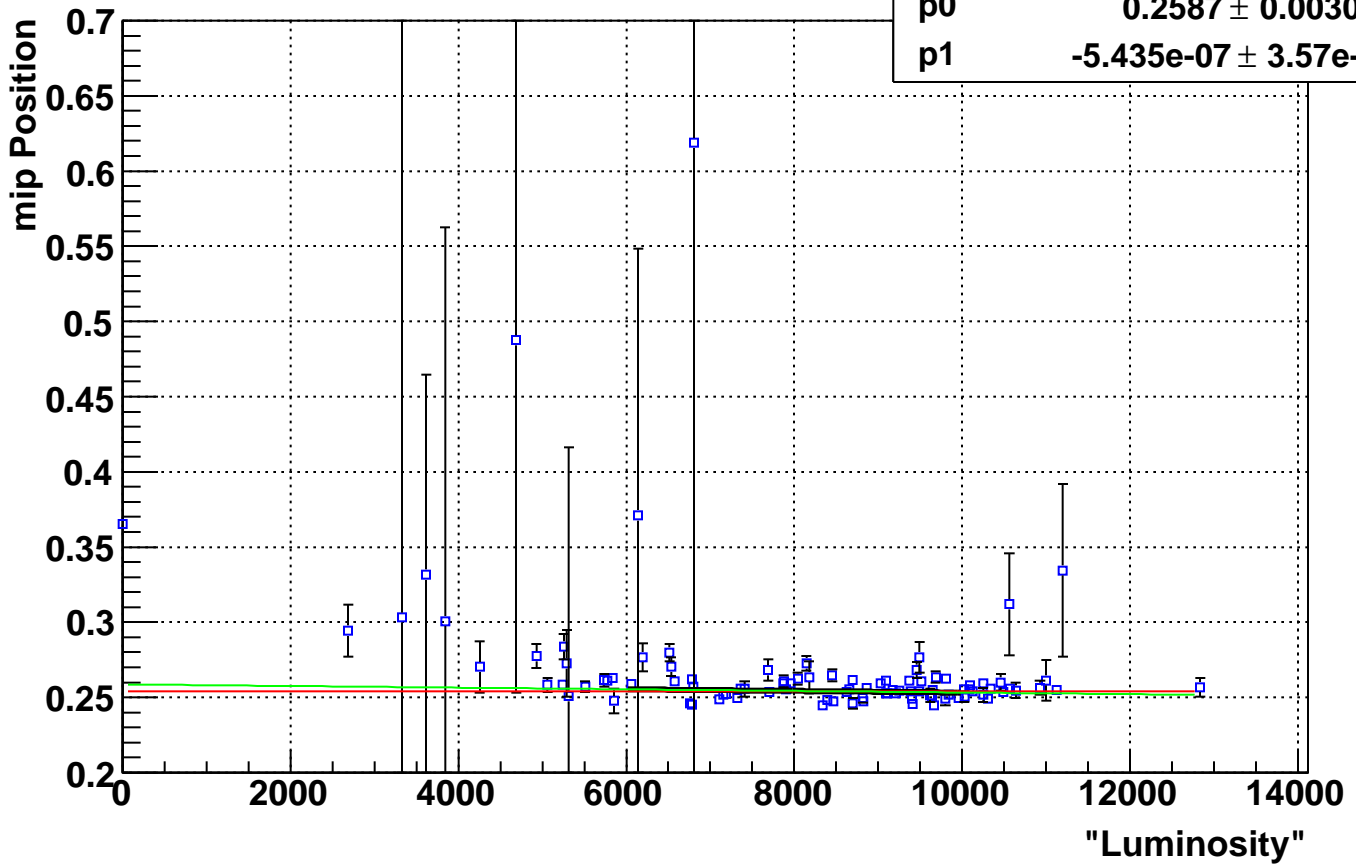


Eta Bin 24 mip Positons Vs. Luminosity



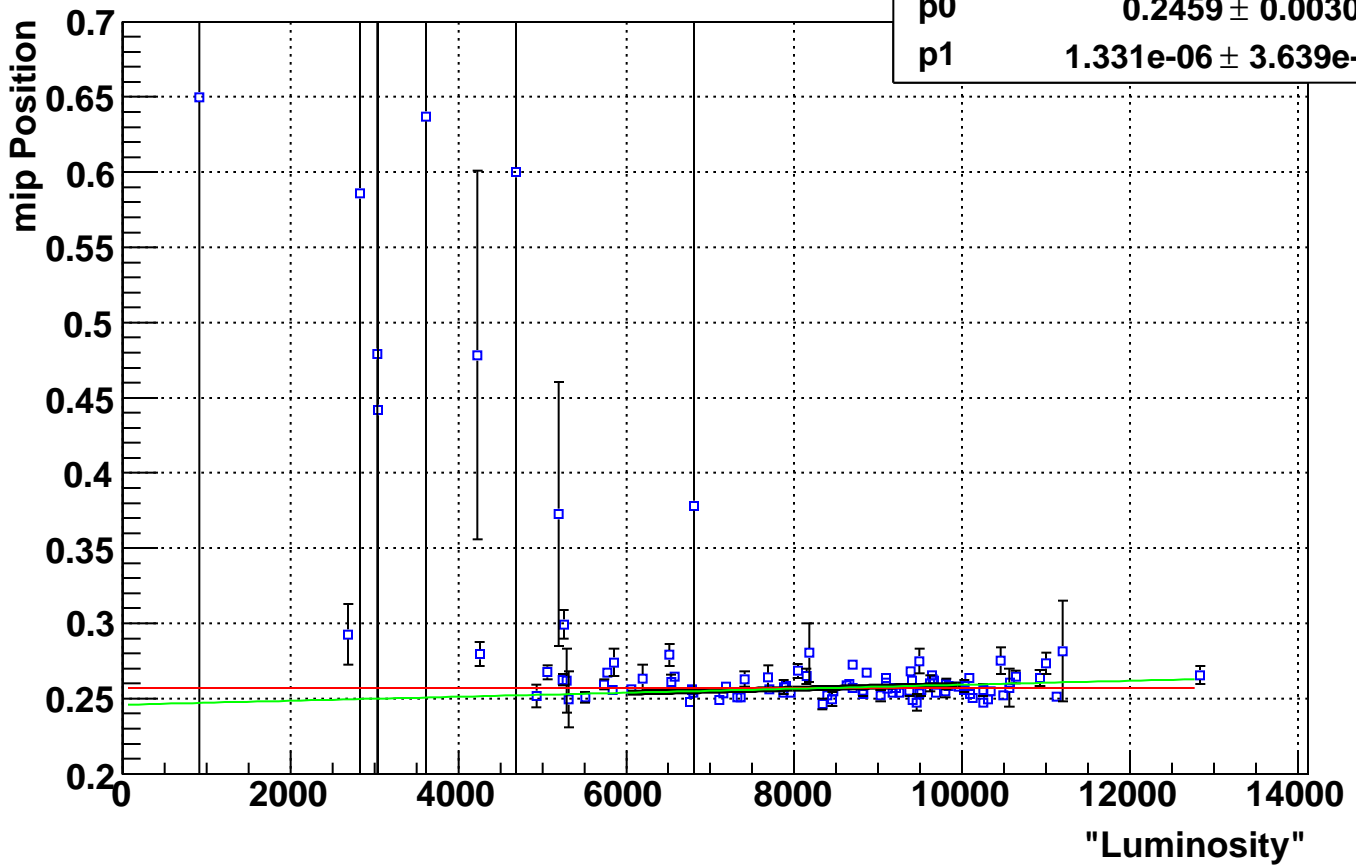
Eta Bin 25 mip Positons Vs. Luminosity

χ^2 / ndf 254.2 / 60
p0 0.2587 ± 0.003026
p1 $-5.435e-07 \pm 3.57e-07$



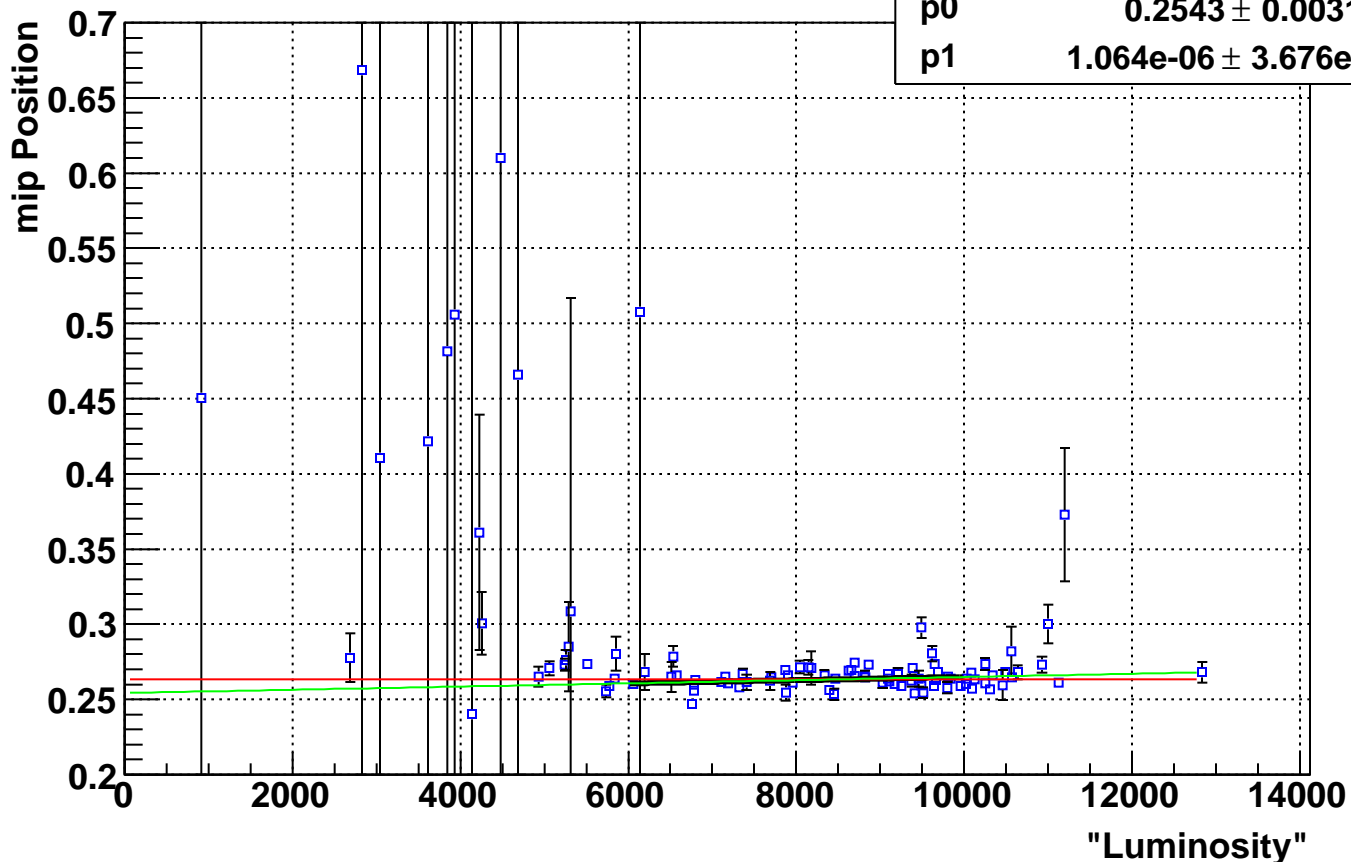
Eta Bin 26 mip Positons Vs. Luminosity

χ^2 / ndf 189.6 / 60
p0 0.2459 ± 0.003072
p1 $1.331e-06 \pm 3.639e-07$



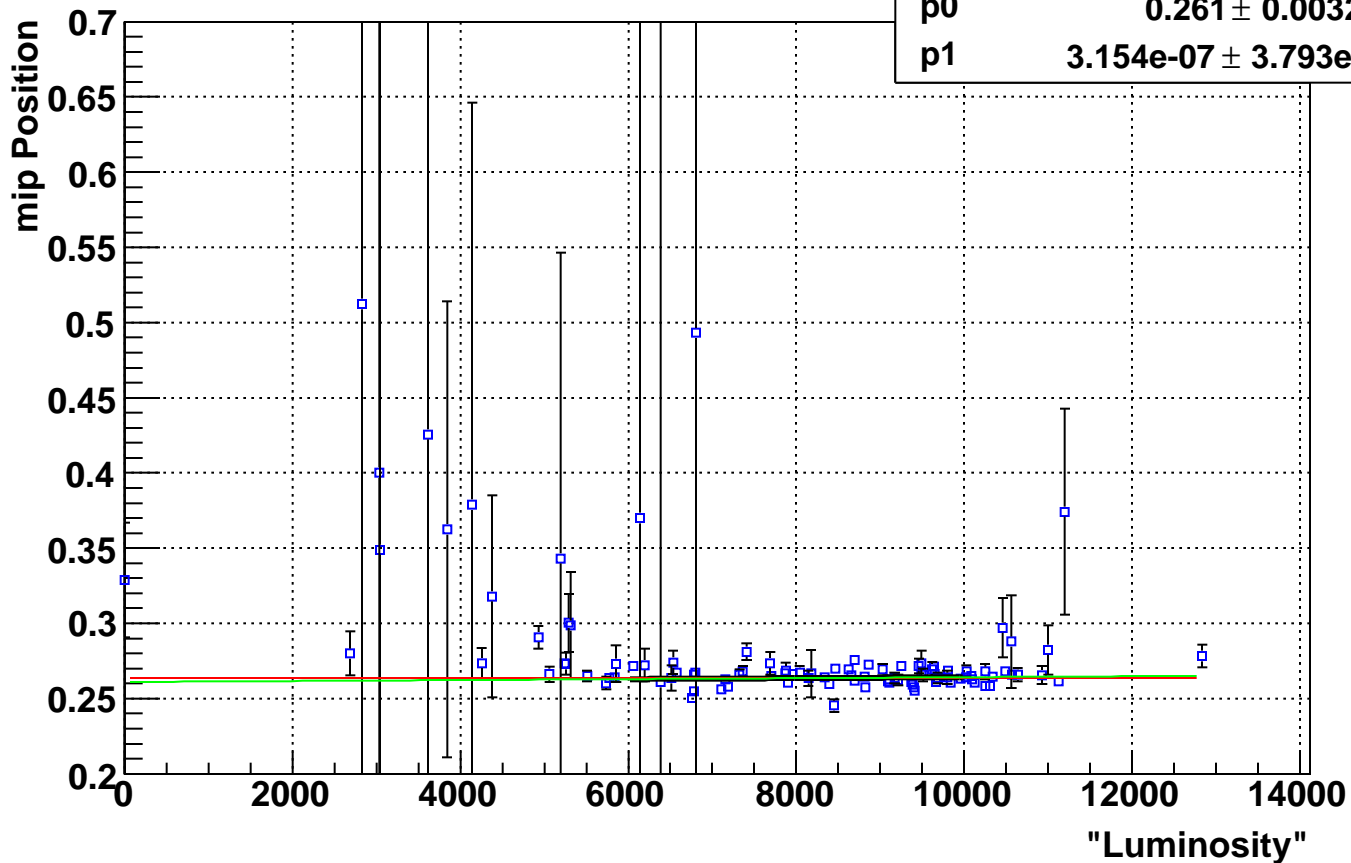
Eta Bin 27 mip Positons Vs. Luminosity

χ^2 / ndf 228.5 / 60
p0 0.2543 ± 0.003129
p1 $1.064\text{e-}06 \pm 3.676\text{e-}07$



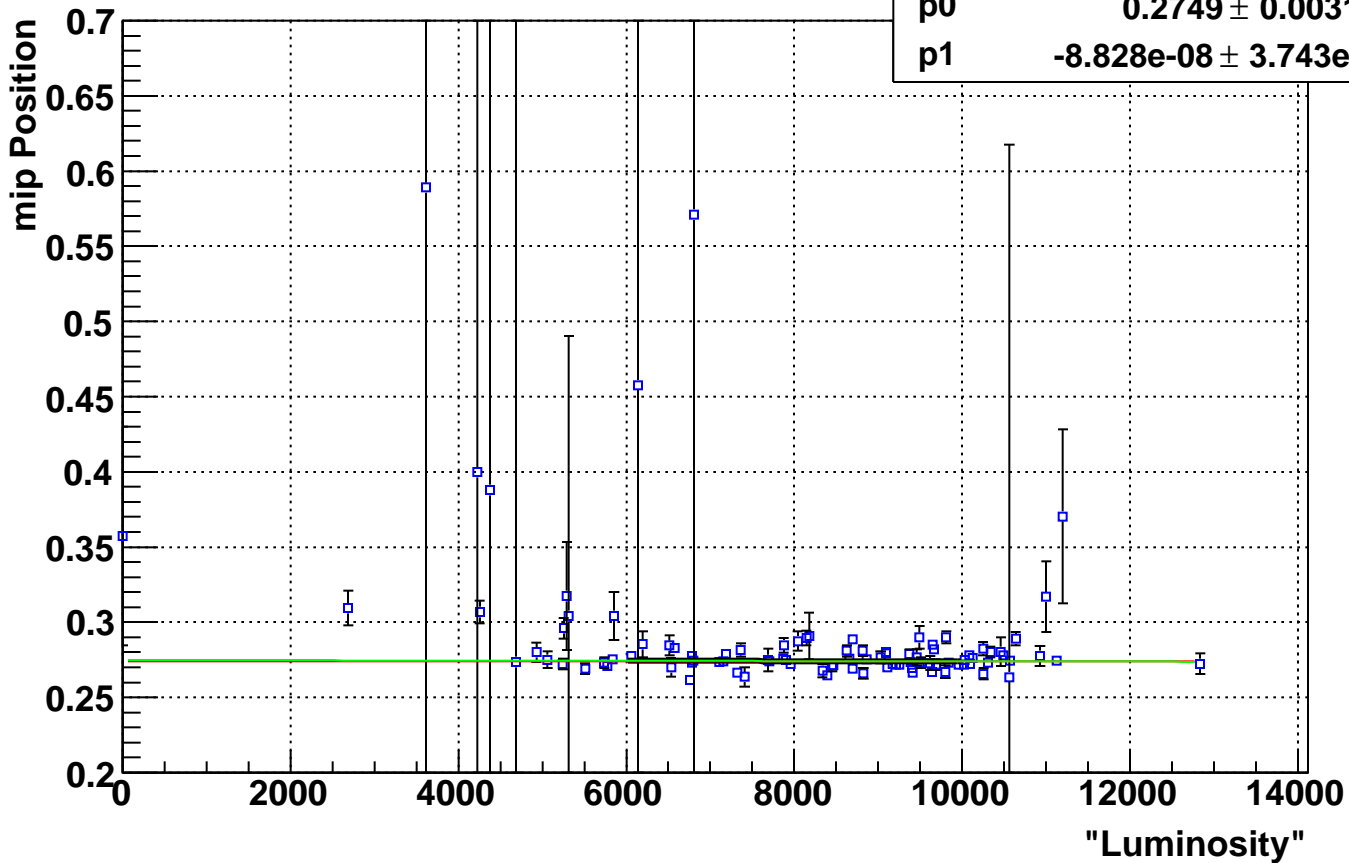
Eta Bin 28 mip Positons Vs. Luminosity

χ^2 / ndf 203.1 / 60
p0 0.261 ± 0.003223
p1 $3.154\text{e-}07 \pm 3.793\text{e-}07$



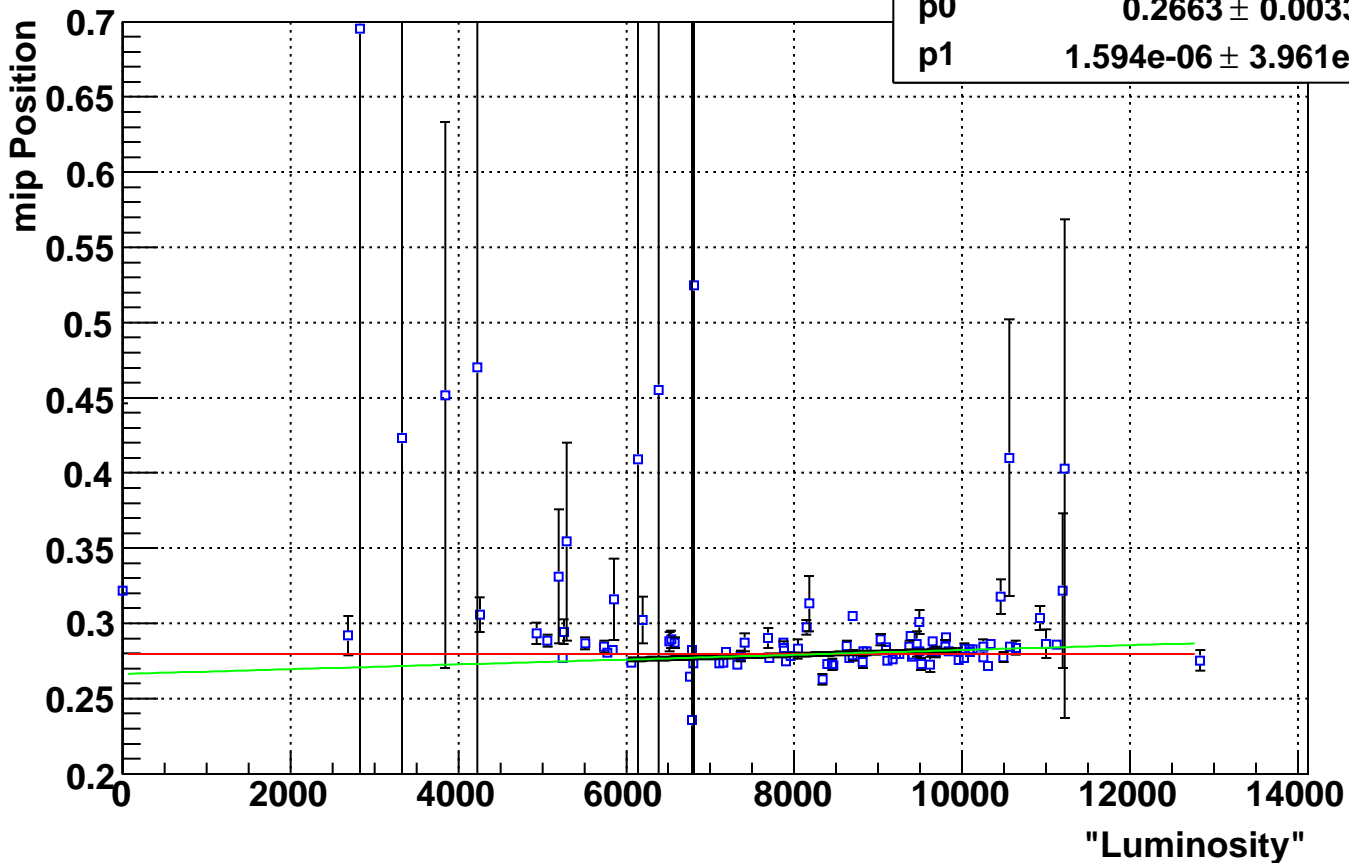
Eta Bin 29 mip Positons Vs. Luminosity

χ^2 / ndf 219.9 / 60
p0 0.2749 ± 0.003189
p1 $-8.828e-08 \pm 3.743e-07$

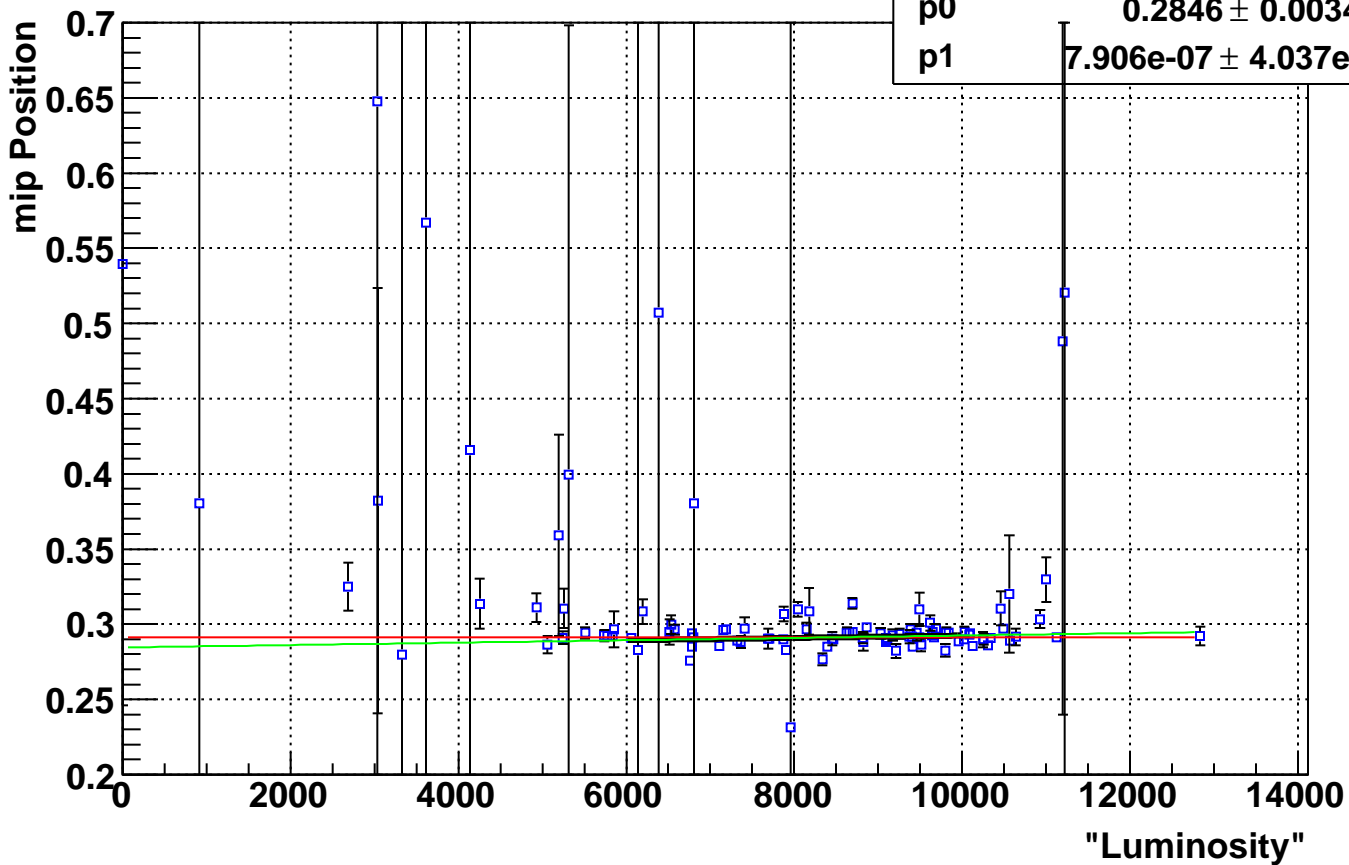


Eta Bin 30 mip Positons Vs. Luminosity

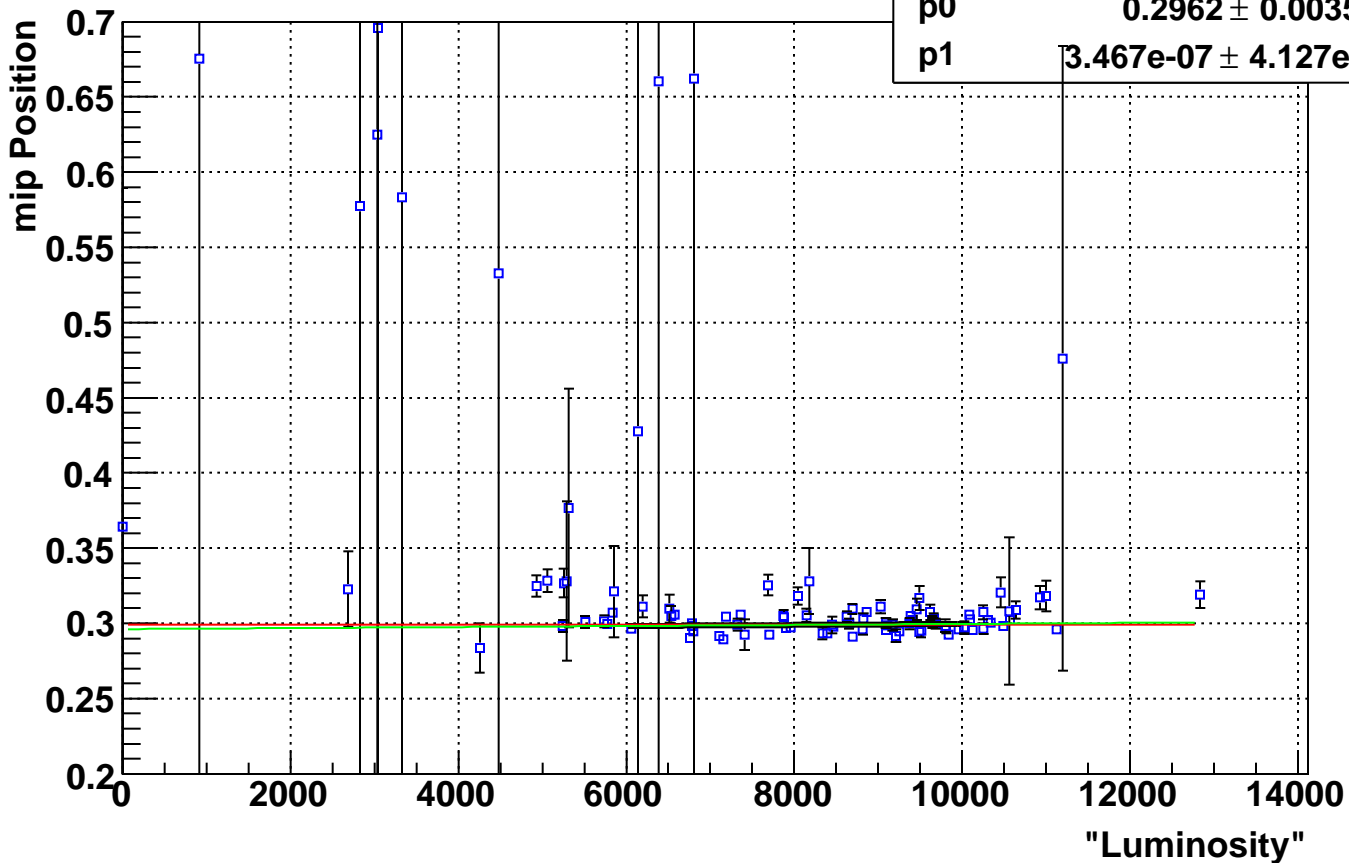
χ^2 / ndf 274.8 / 60
p0 0.2663 ± 0.003382
p1 $1.594e-06 \pm 3.961e-07$



Eta Bin 31 mip Positons Vs. Luminosity

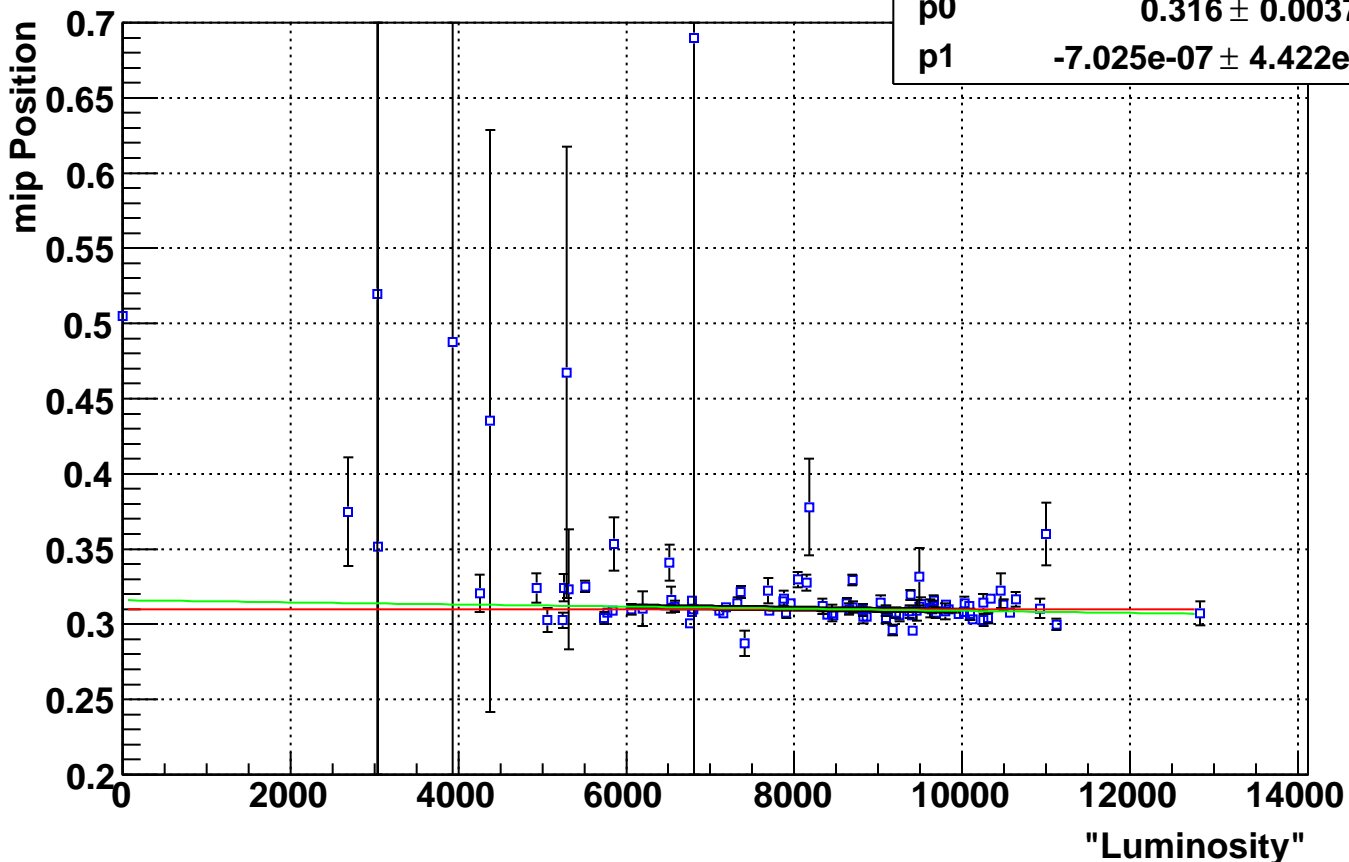


Eta Bin 32 mip Positons Vs. Luminosity



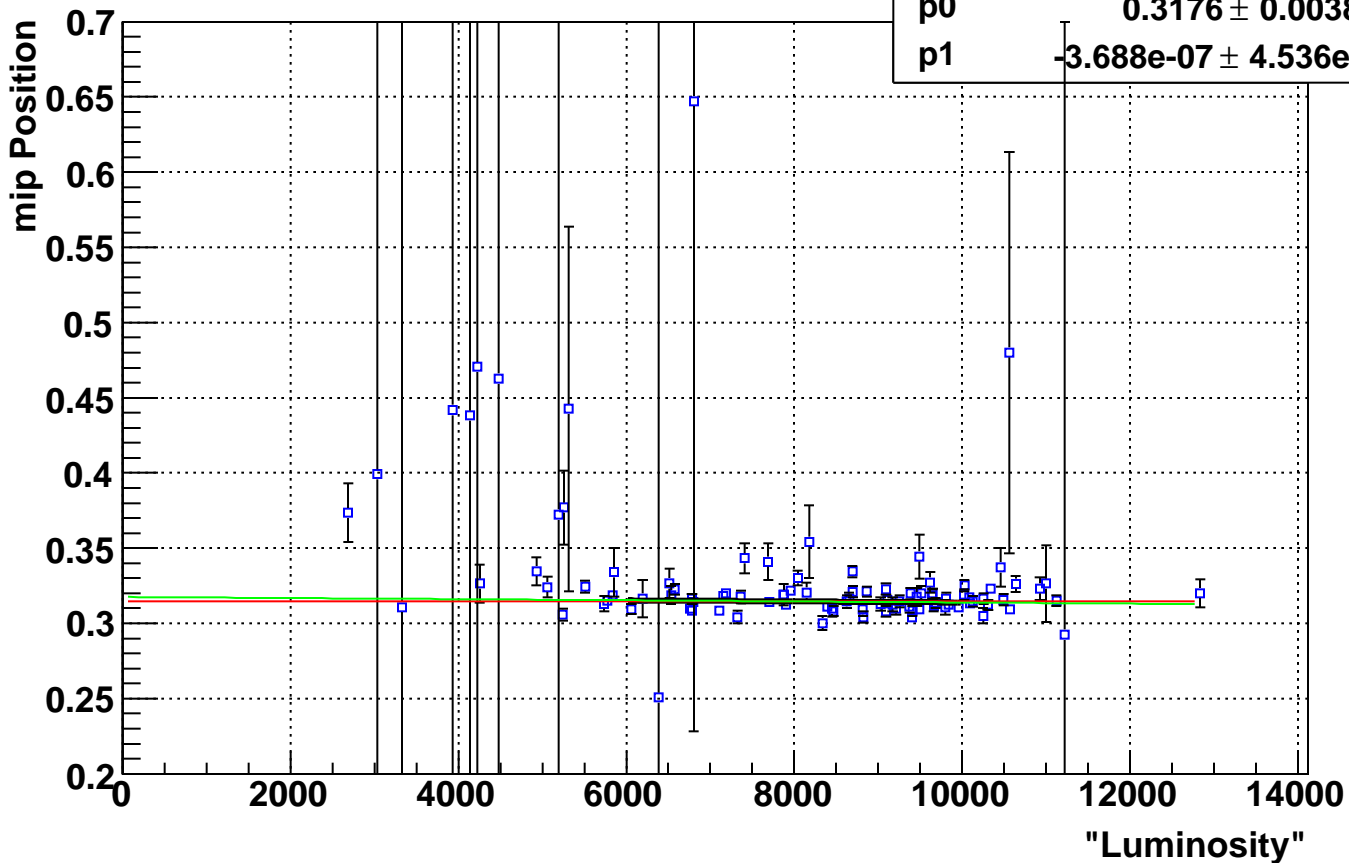
Eta Bin 33 mip Positons Vs. Luminosity

χ^2 / ndf 197.1 / 60
p0 0.316 ± 0.003762
p1 $-7.025\text{e-}07 \pm 4.422\text{e-}07$



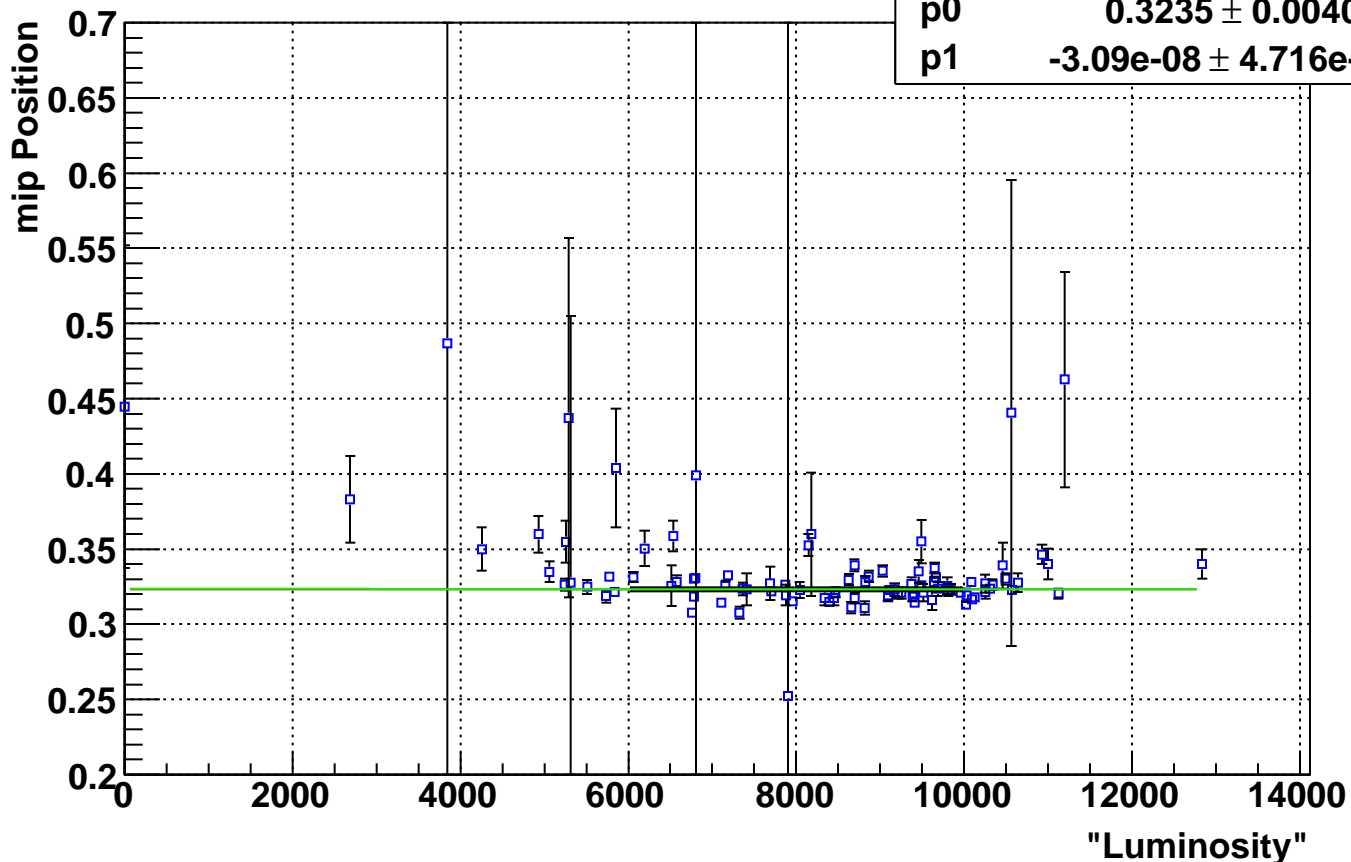
Eta Bin 34 mip Positons Vs. Luminosity

χ^2 / ndf 175.5 / 60
p0 0.3176 ± 0.003852
p1 $-3.688\text{e-}07 \pm 4.536\text{e-}07$



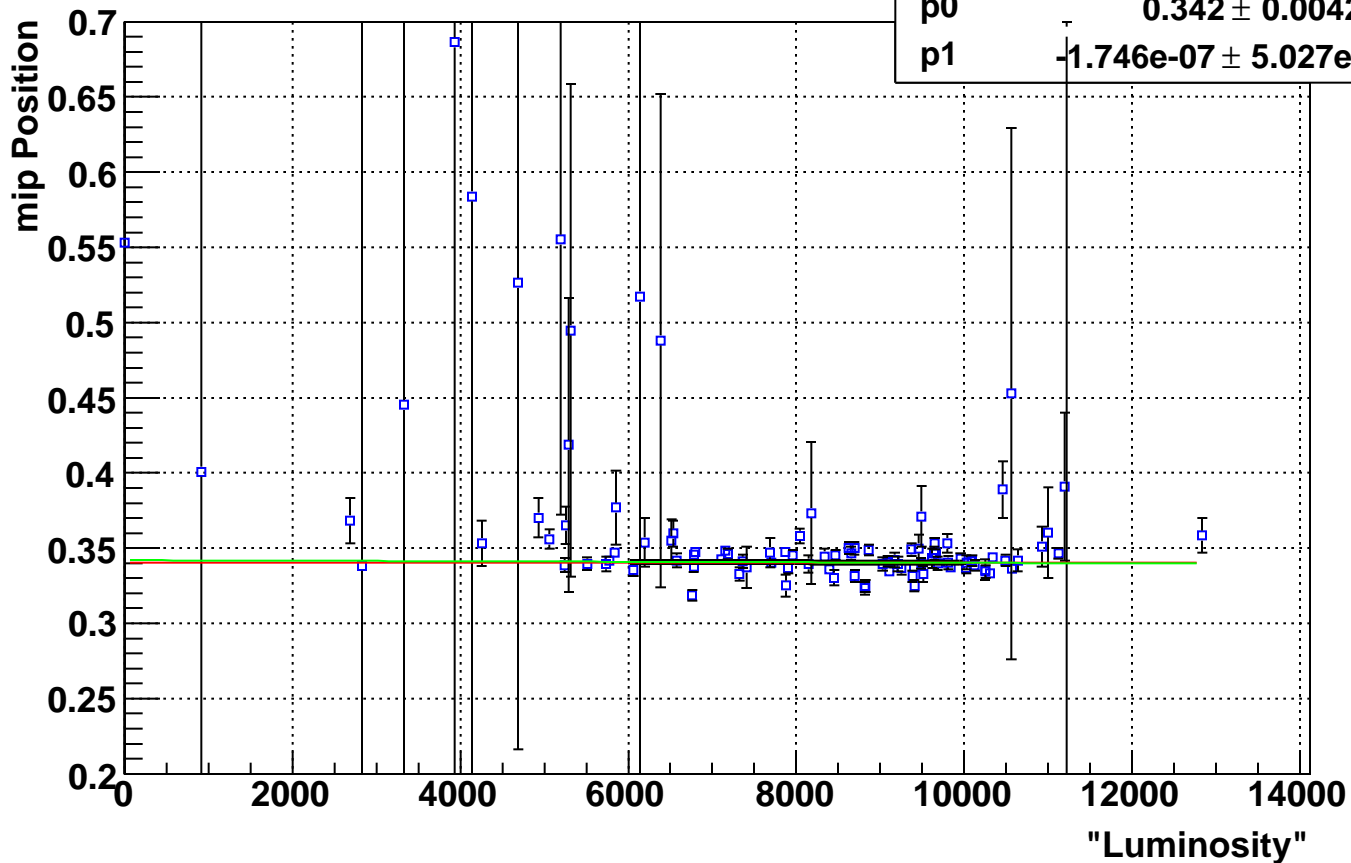
Eta Bin 35 mip Positons Vs. Luminosity

χ^2 / ndf 270.8 / 60
p0 0.3235 ± 0.004027
p1 $-3.09\text{e-}08 \pm 4.716\text{e-}07$

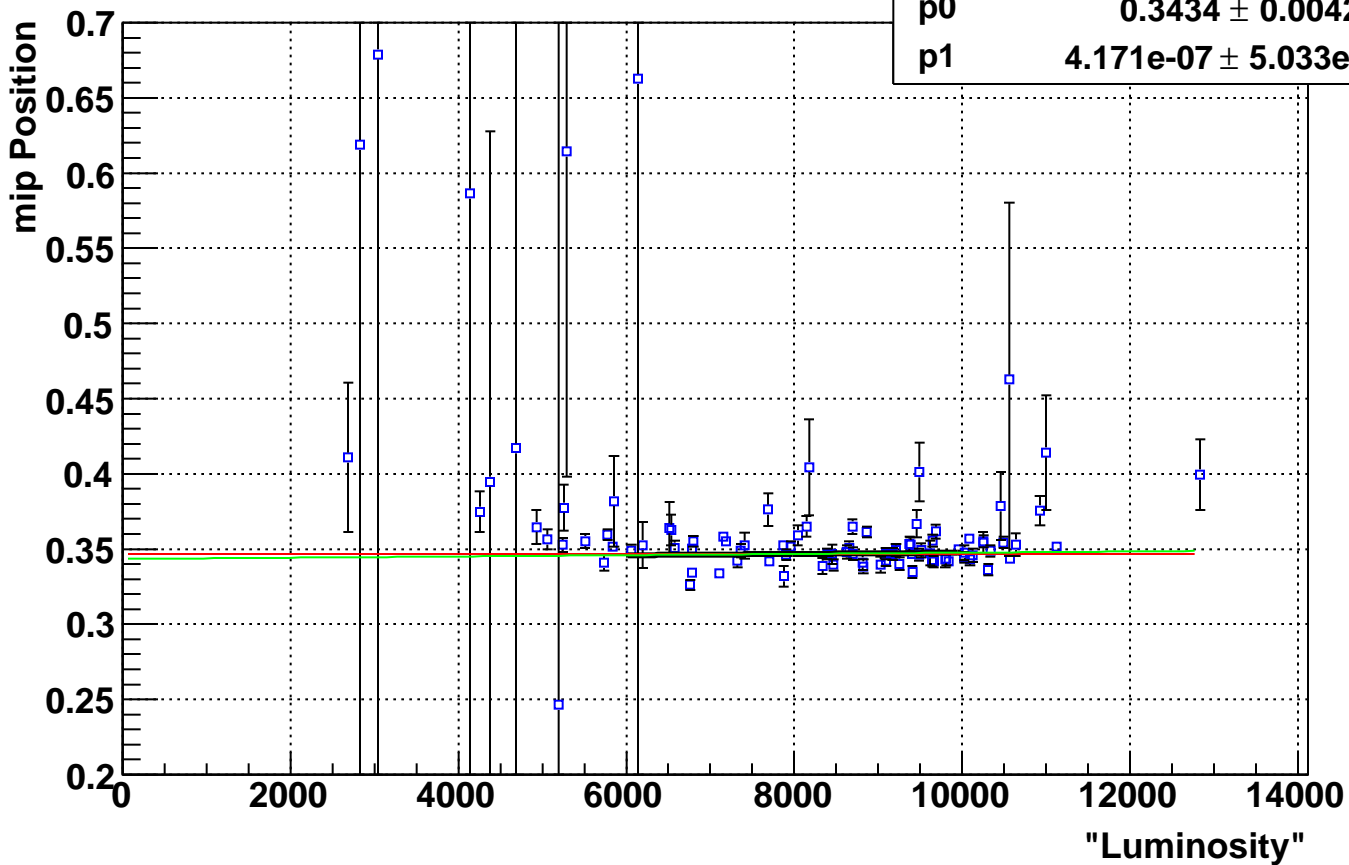


Eta Bin 36 mip Positons Vs. Luminosity

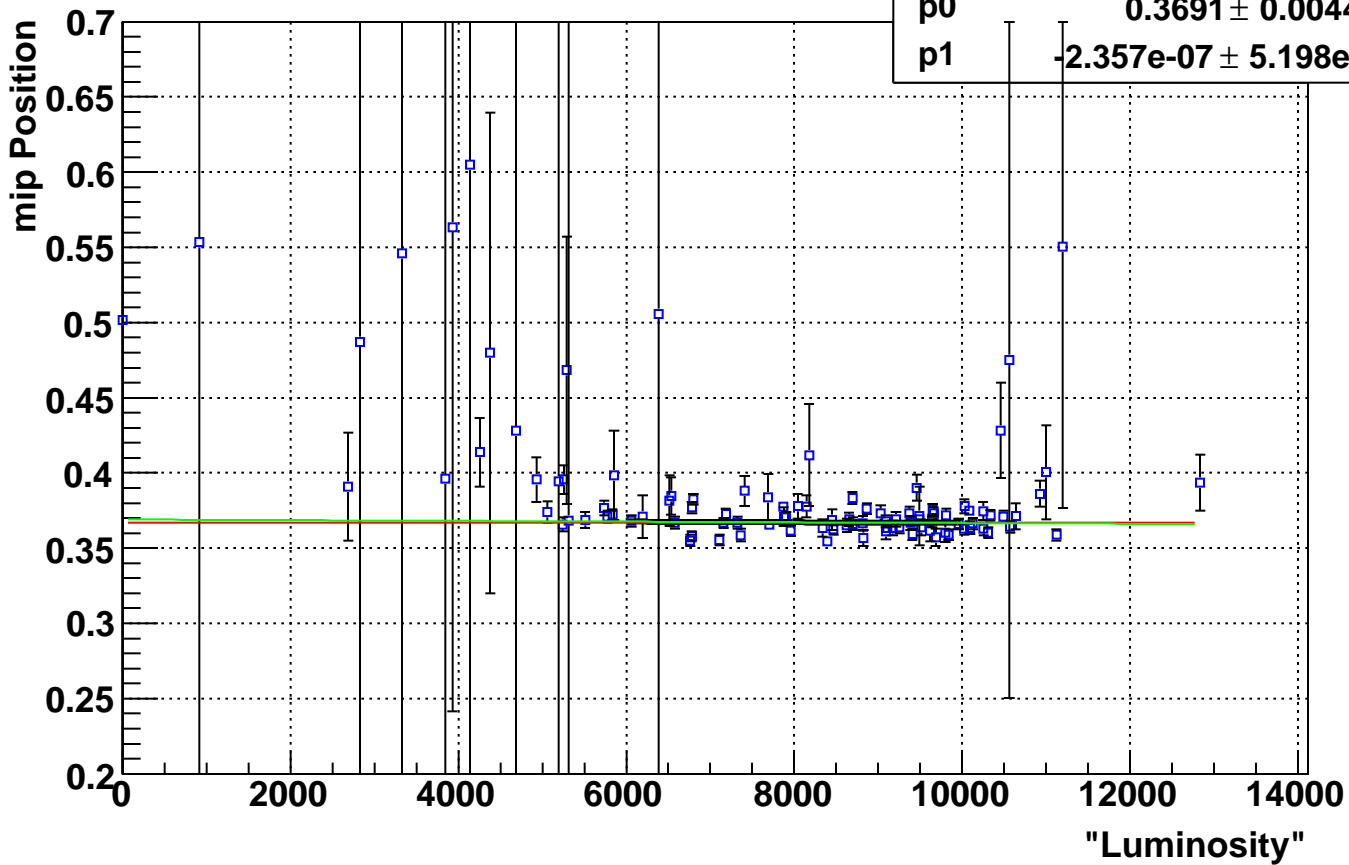
χ^2 / ndf 222.7 / 60
p0 0.342 ± 0.004282
p1 $-1.746\text{e-}07 \pm 5.027\text{e-}07$



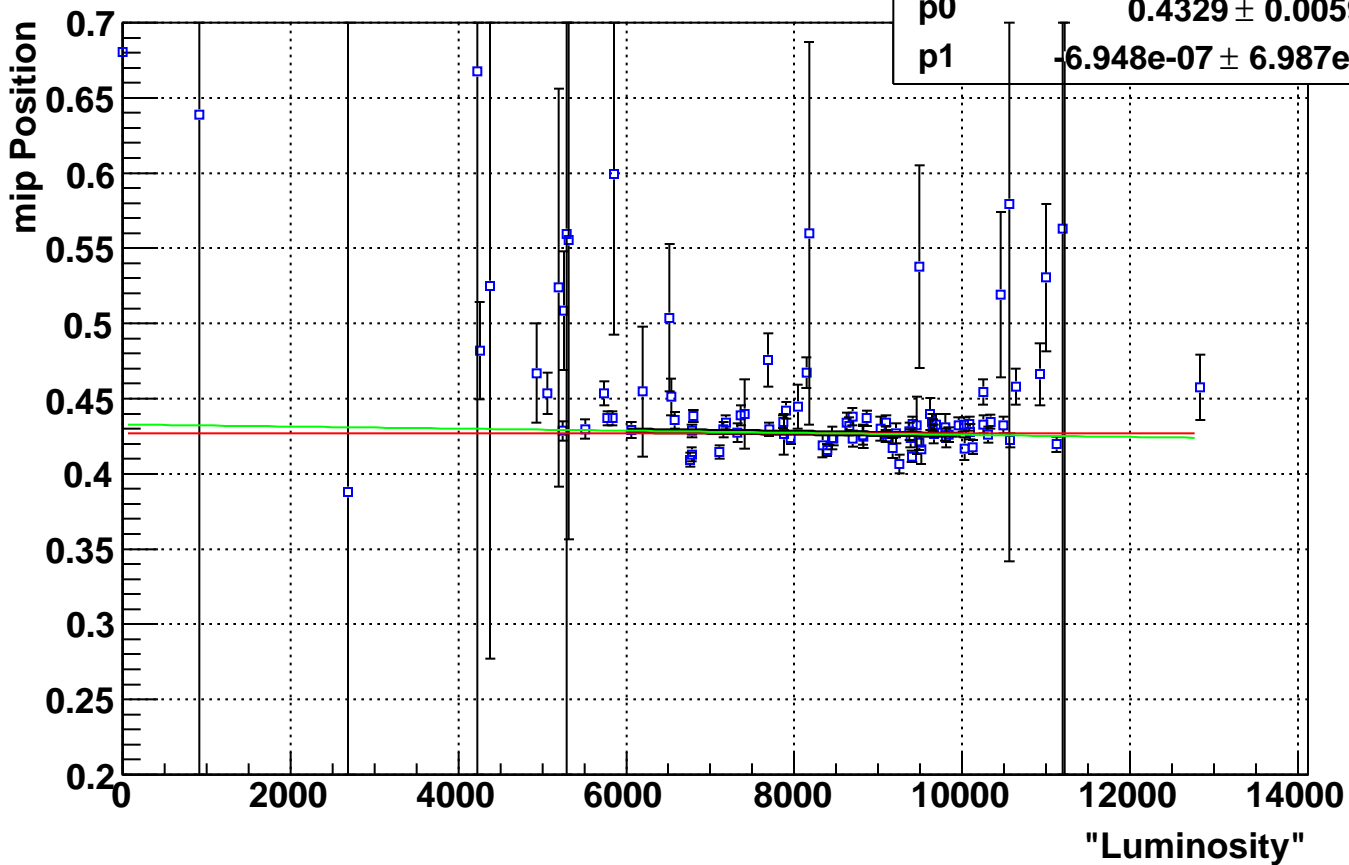
Eta Bin 37 mip Positons Vs. Luminosity



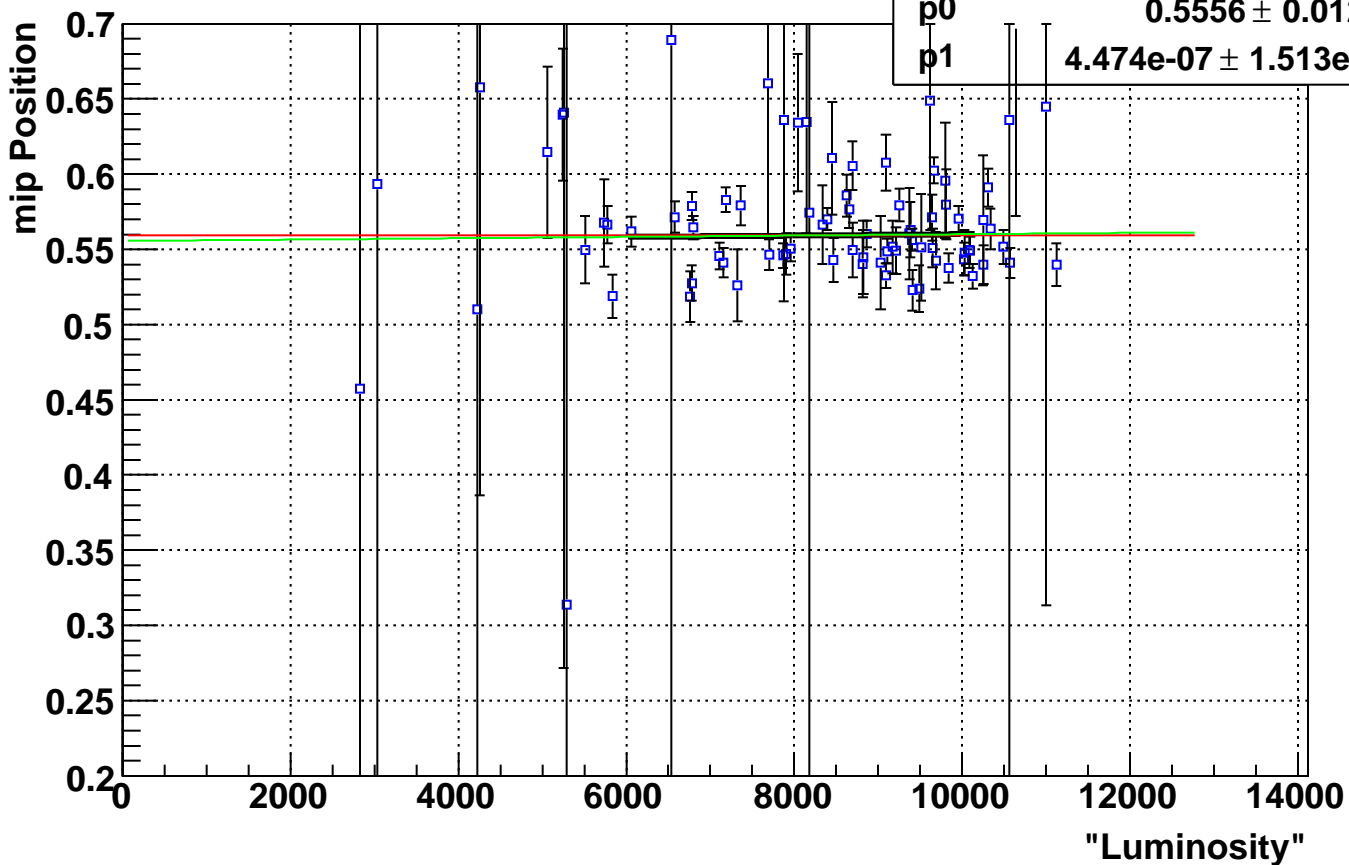
Eta Bin 38 mip Positons Vs. Luminosity



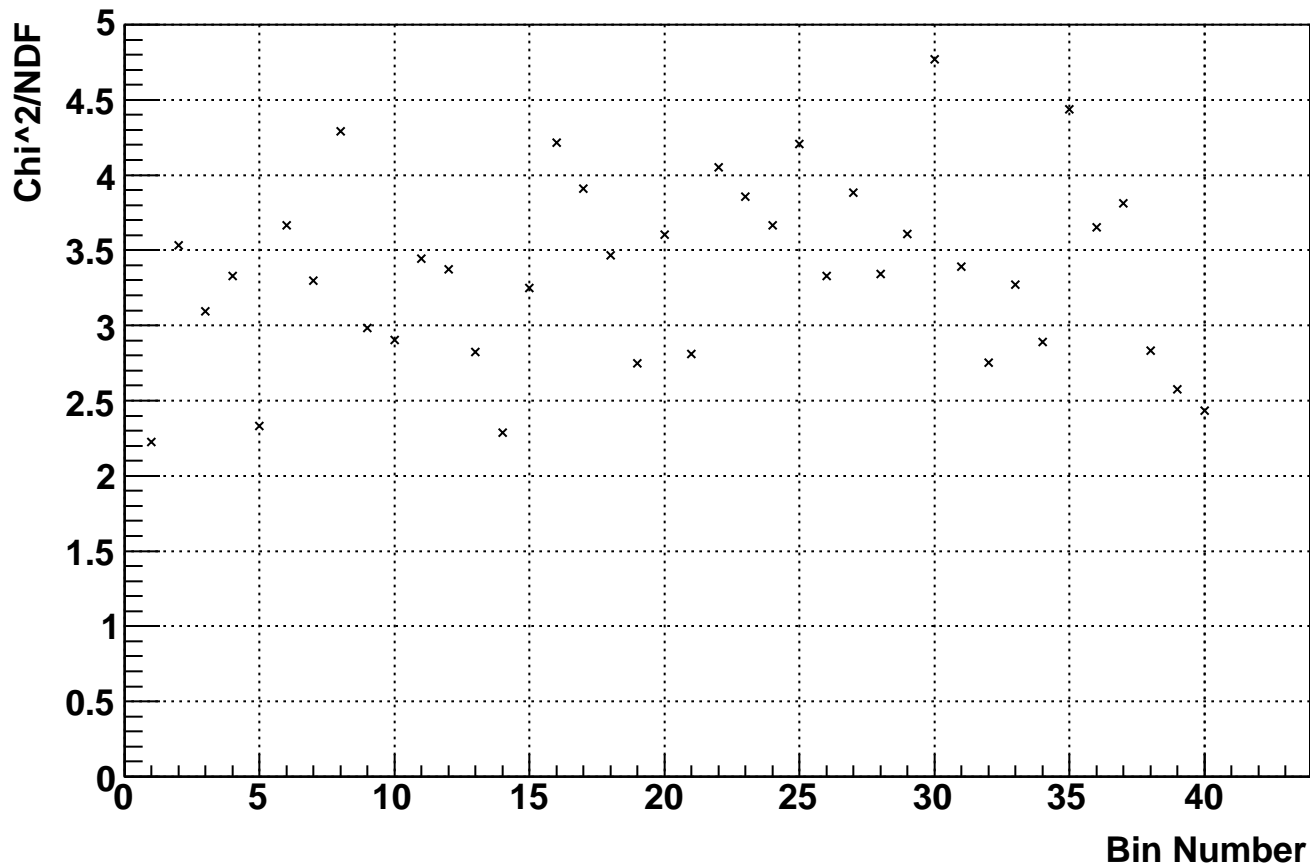
Eta Bin 39 mip Positons Vs. Luminosity



Eta Bin 40 mip Positons Vs. Luminosity



Chi Squared vs. Bin Number for P0



Chi Squared vs. Bin Number for P1

