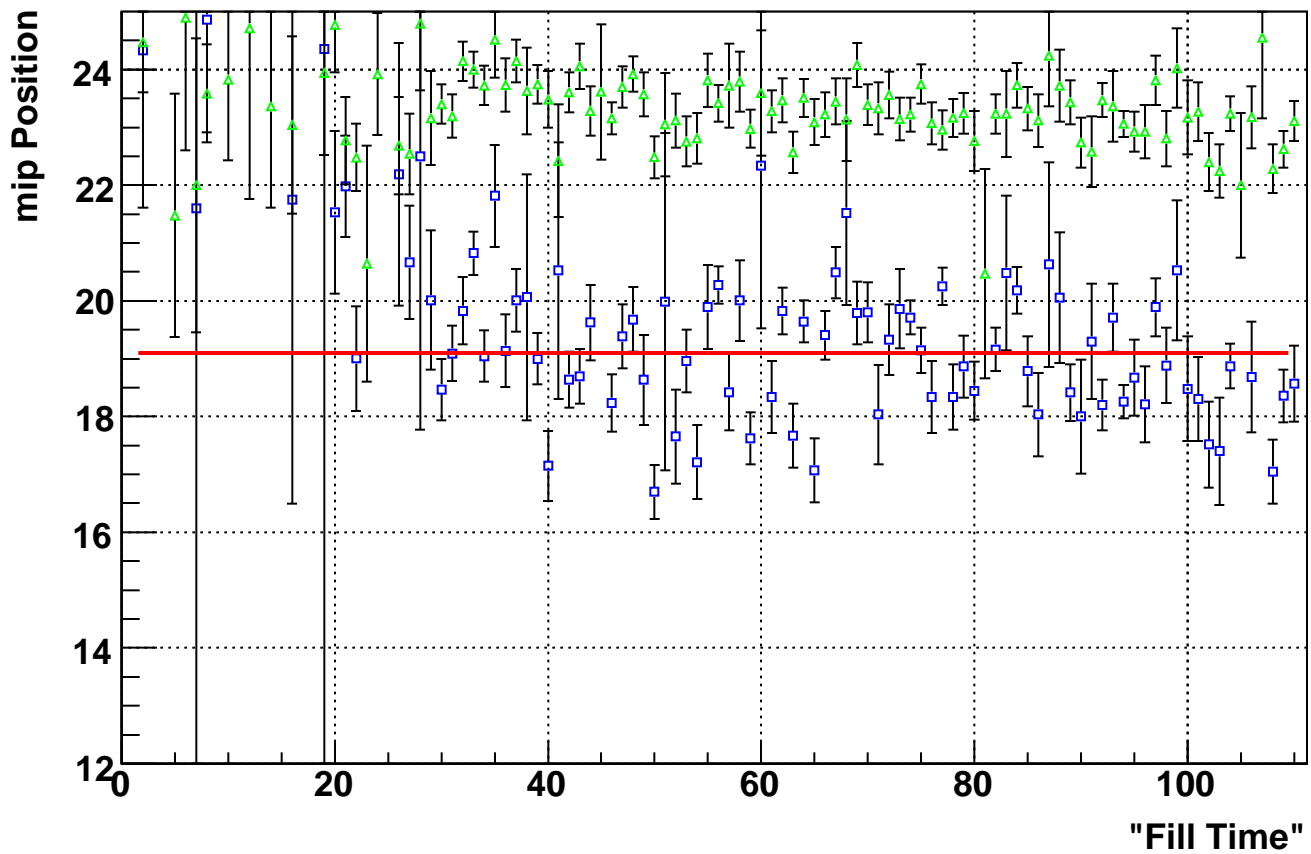
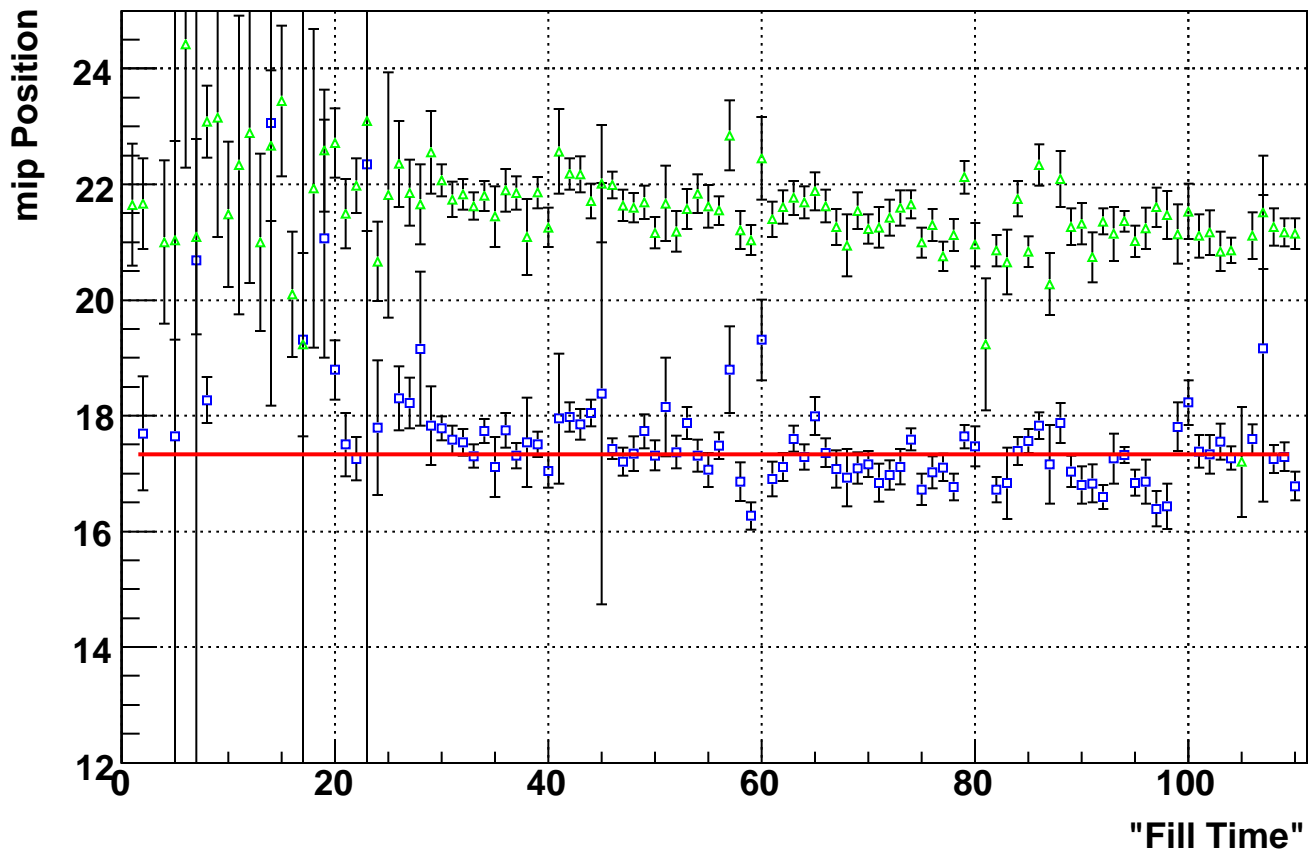


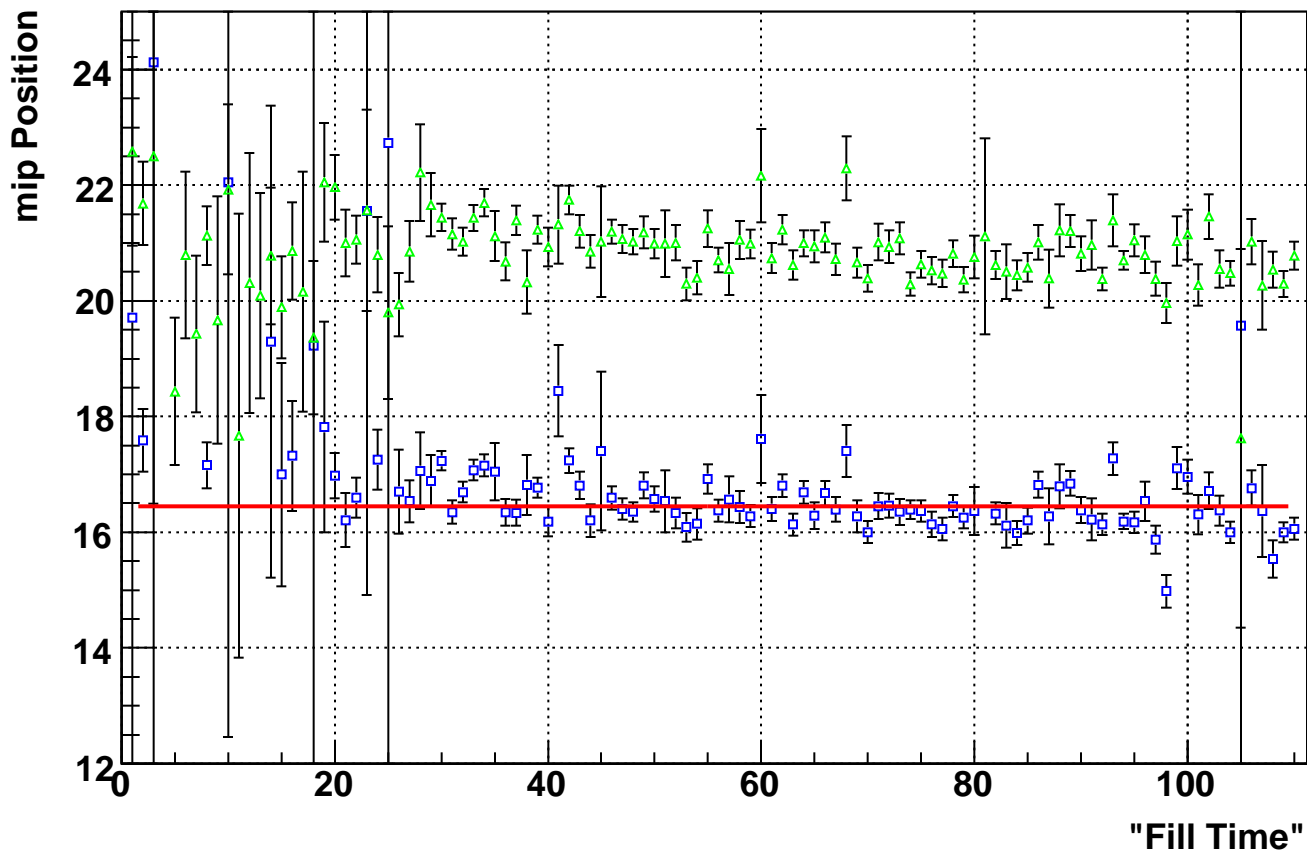
Eta Bin 1 mip Positons Vs. Time



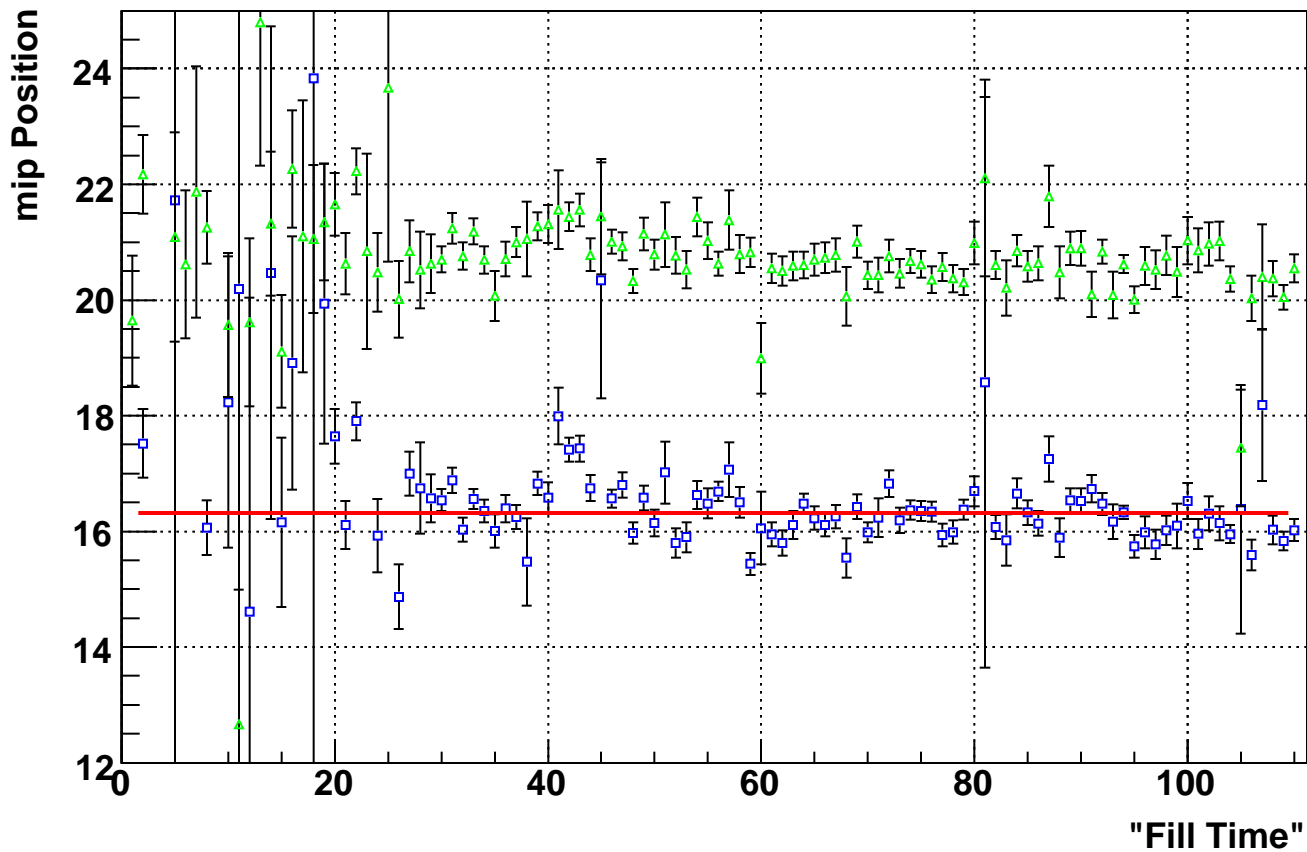
Eta Bin 2 mip Positons Vs. Time



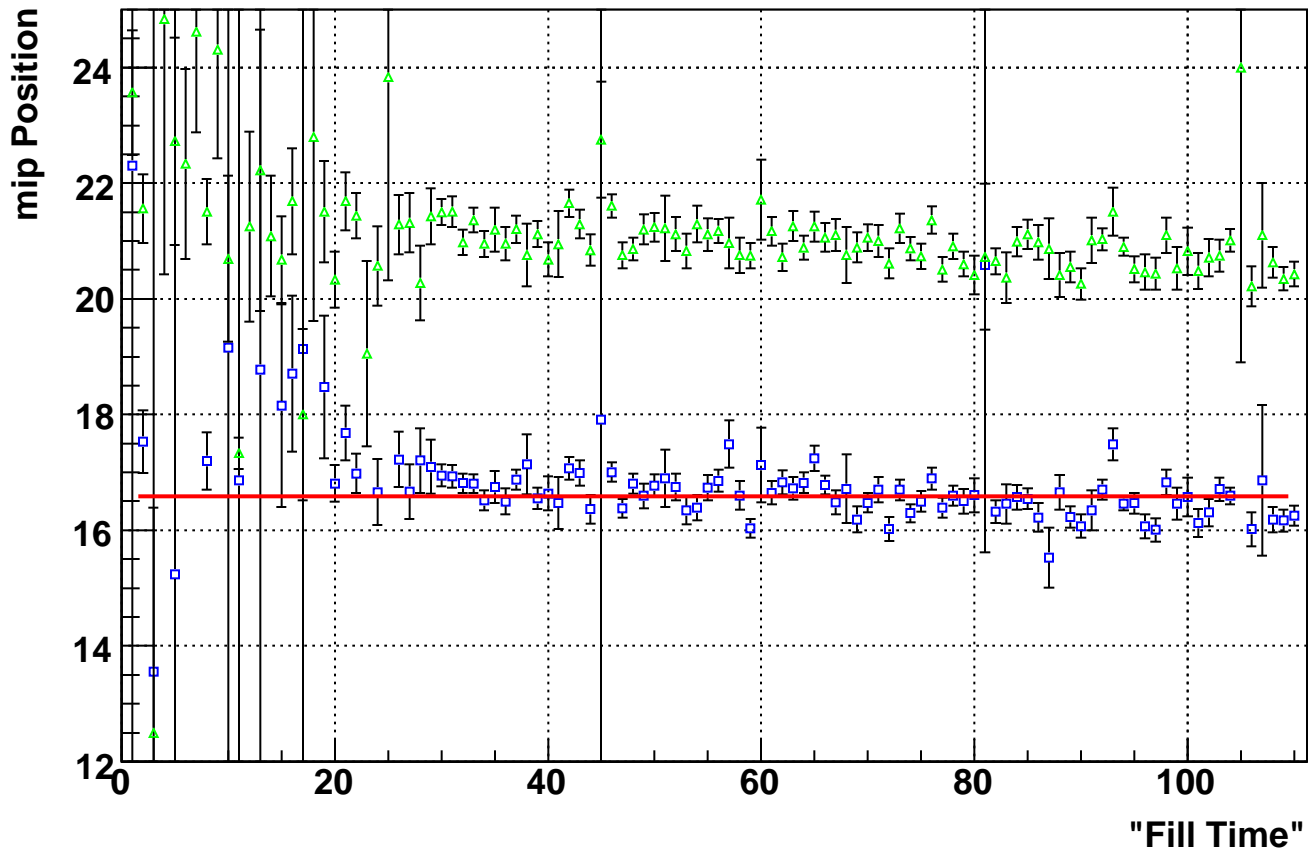
Eta Bin 3 mip Positons Vs. Time



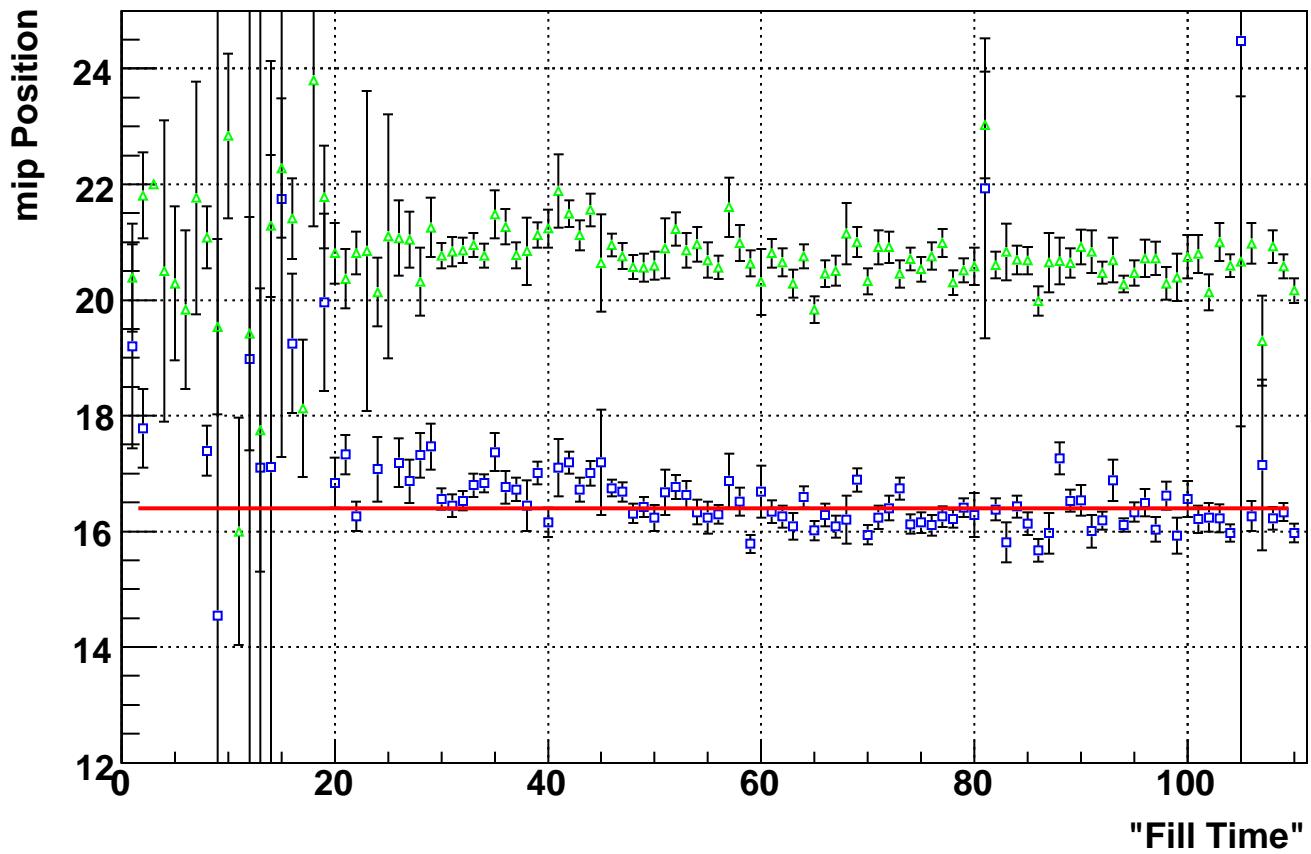
Eta Bin 4 mip Positons Vs. Time



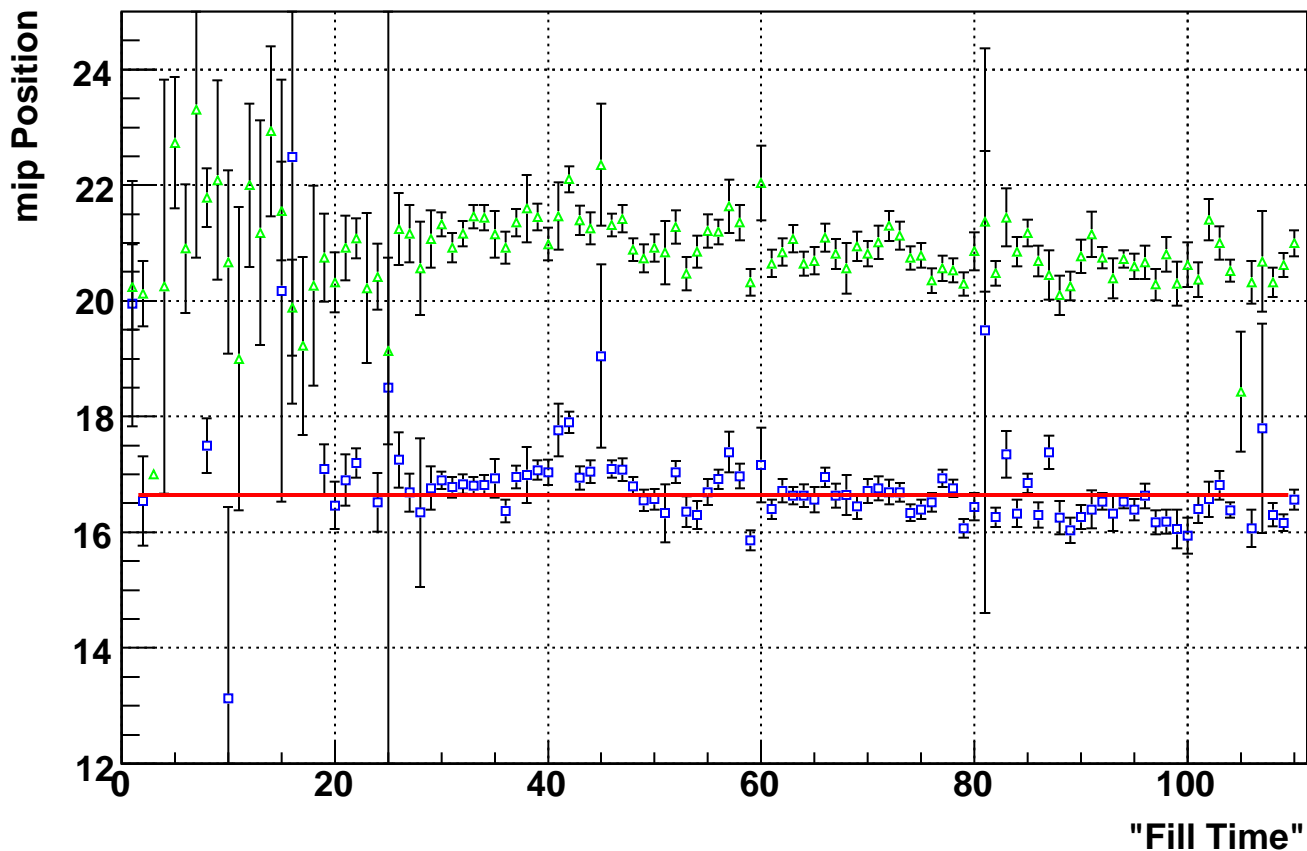
Eta Bin 5 mip Positons Vs. Time



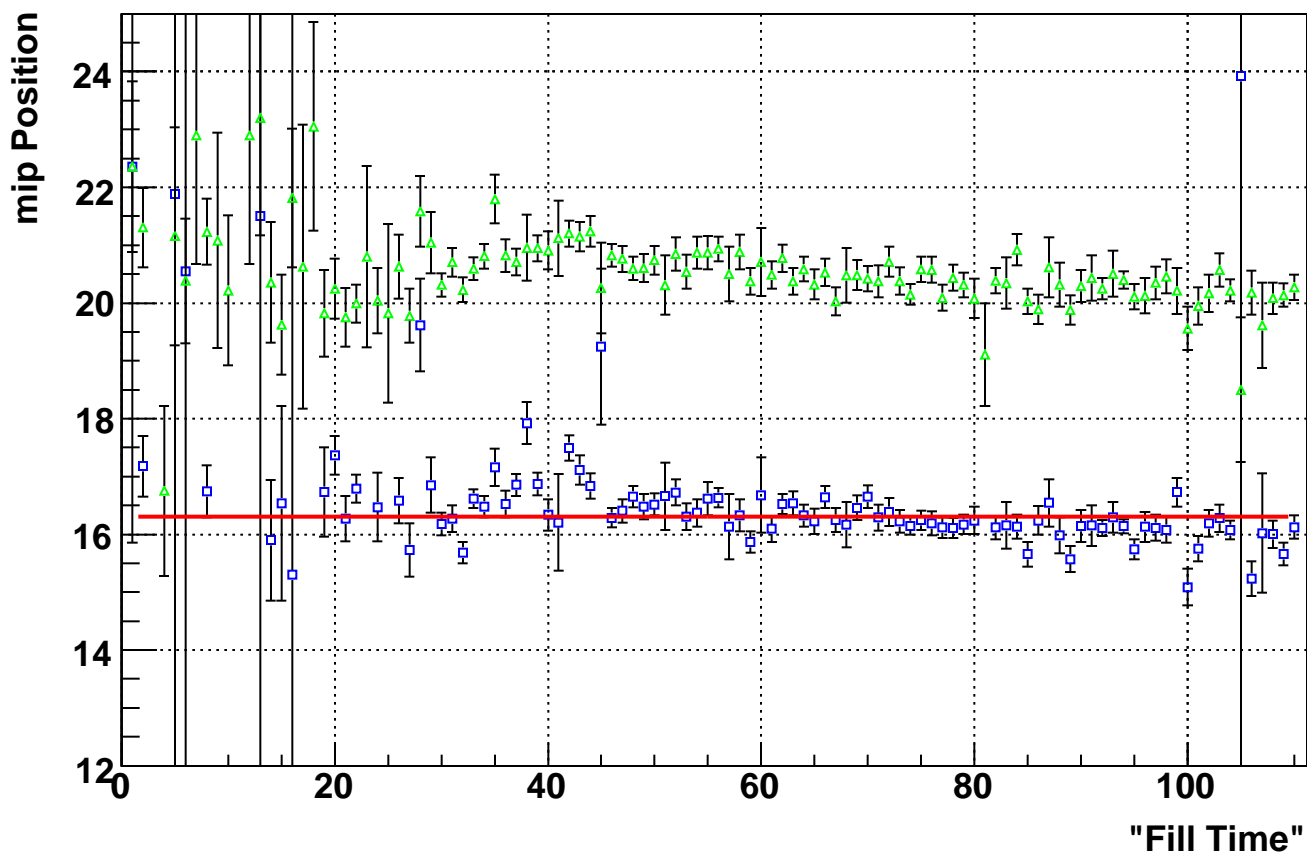
Eta Bin 6 mip Positons Vs. Time



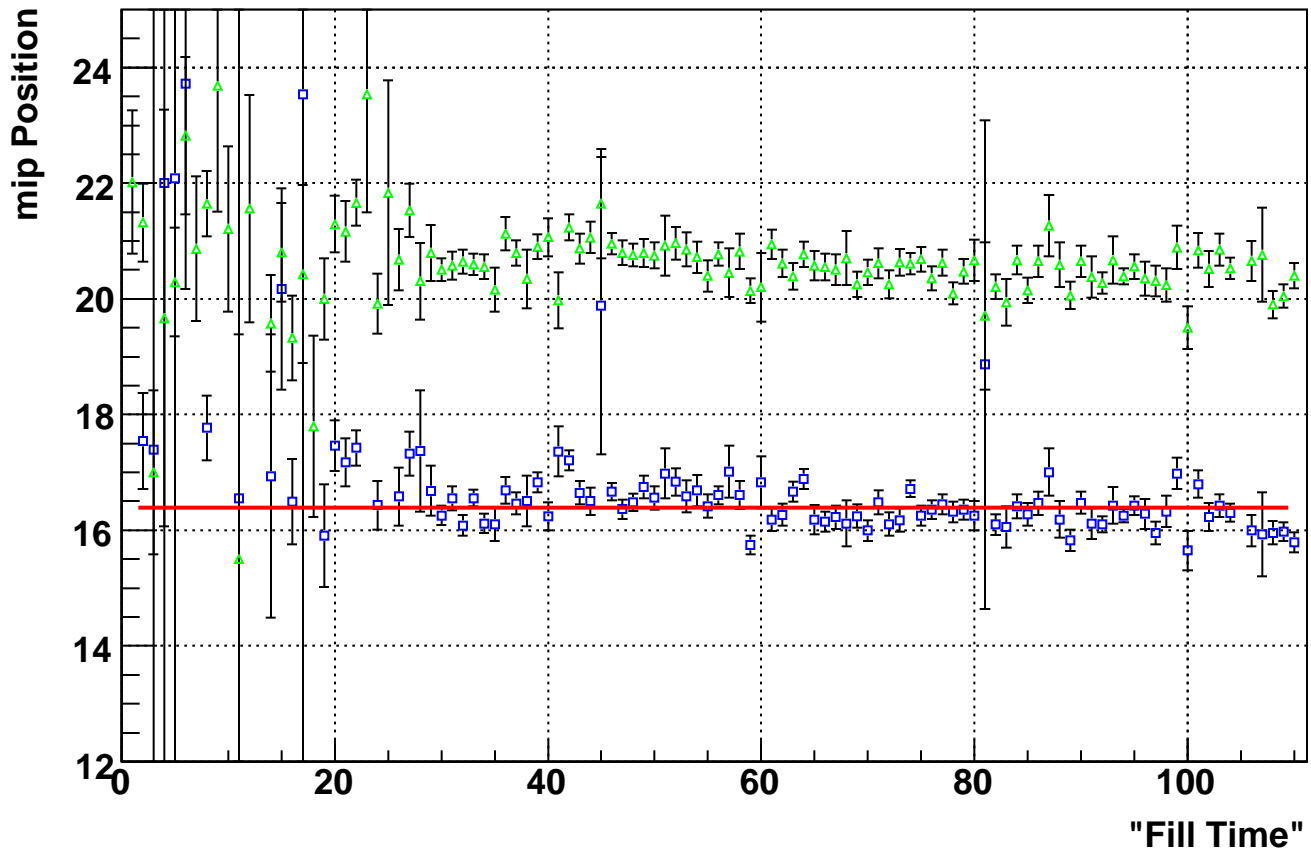
Eta Bin 7 mip Positons Vs. Time



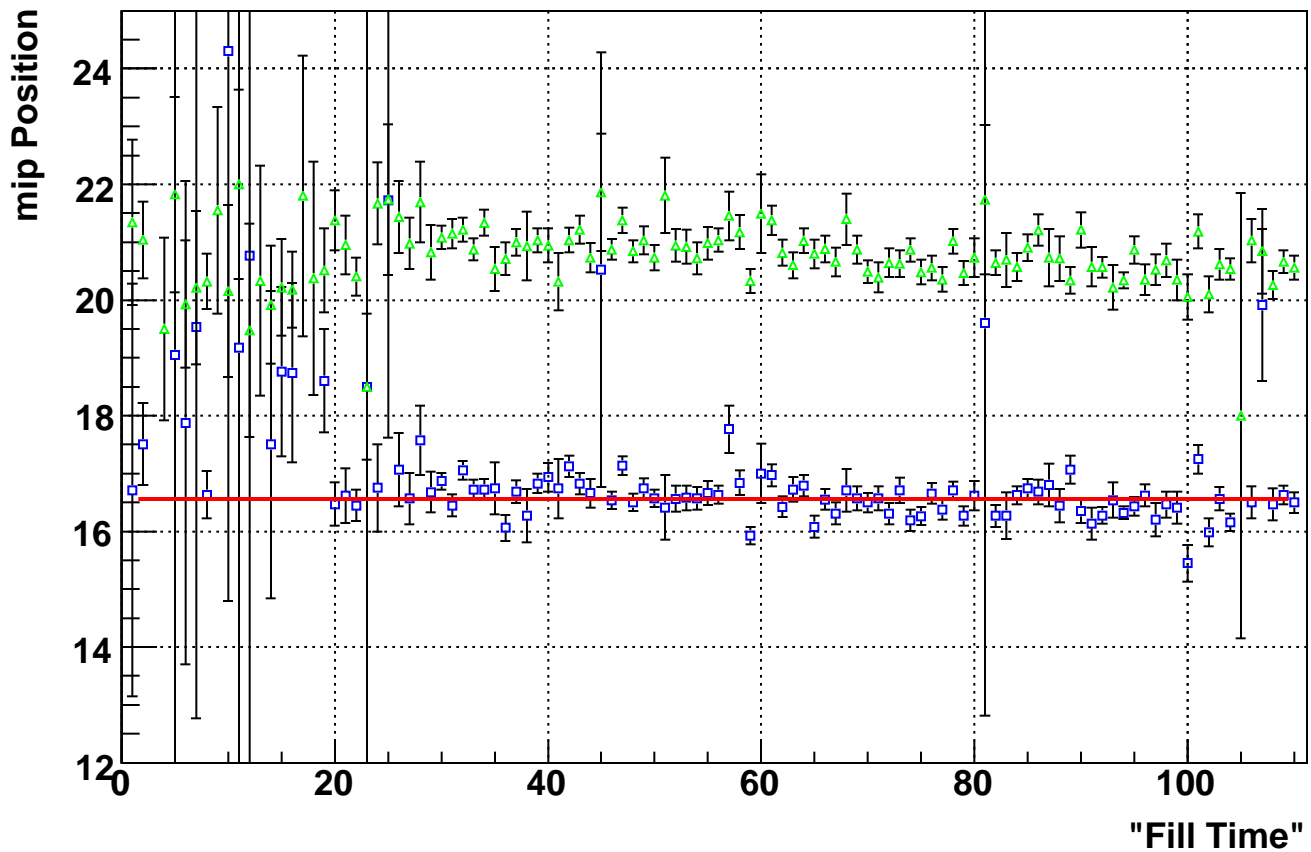
Eta Bin 8 mip Positons Vs. Time



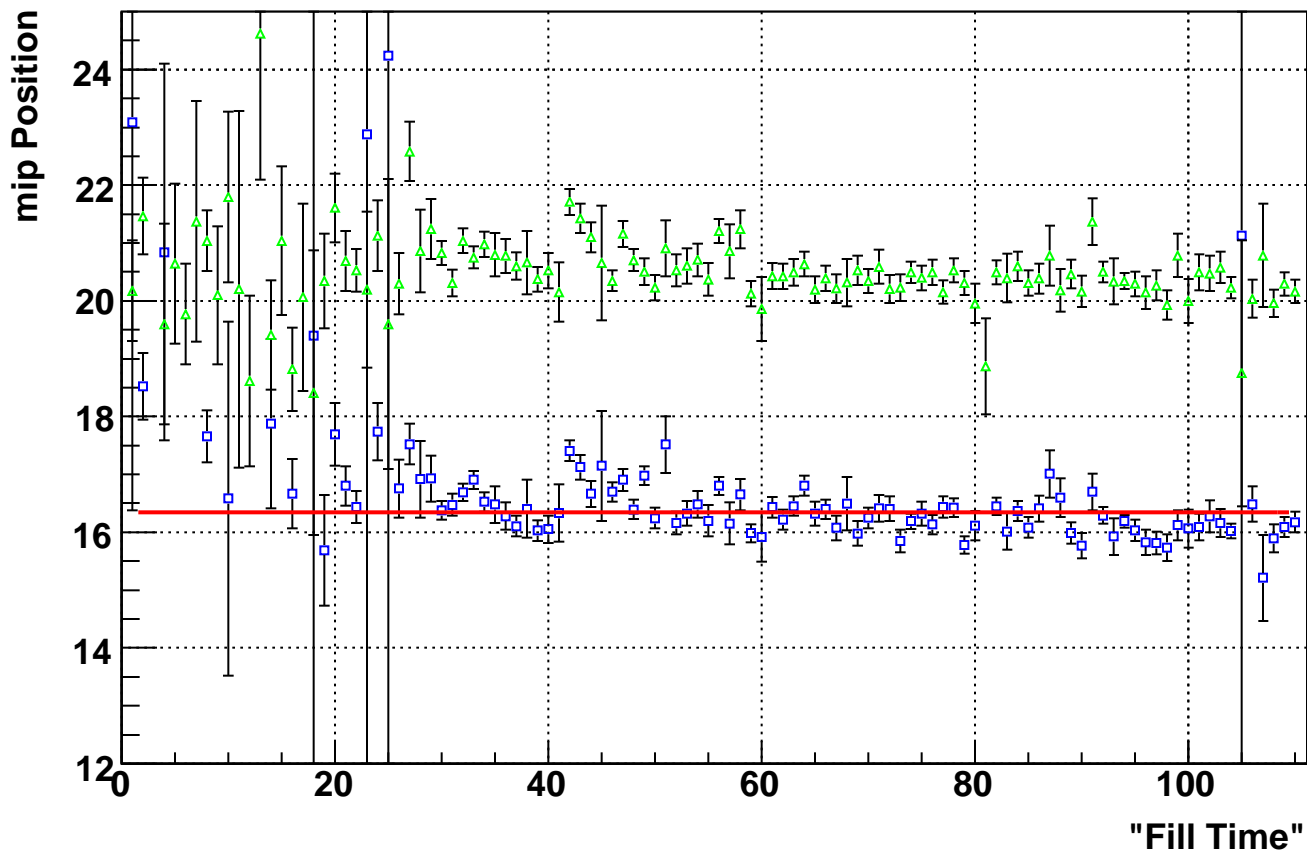
Eta Bin 9 mip Positons Vs. Time



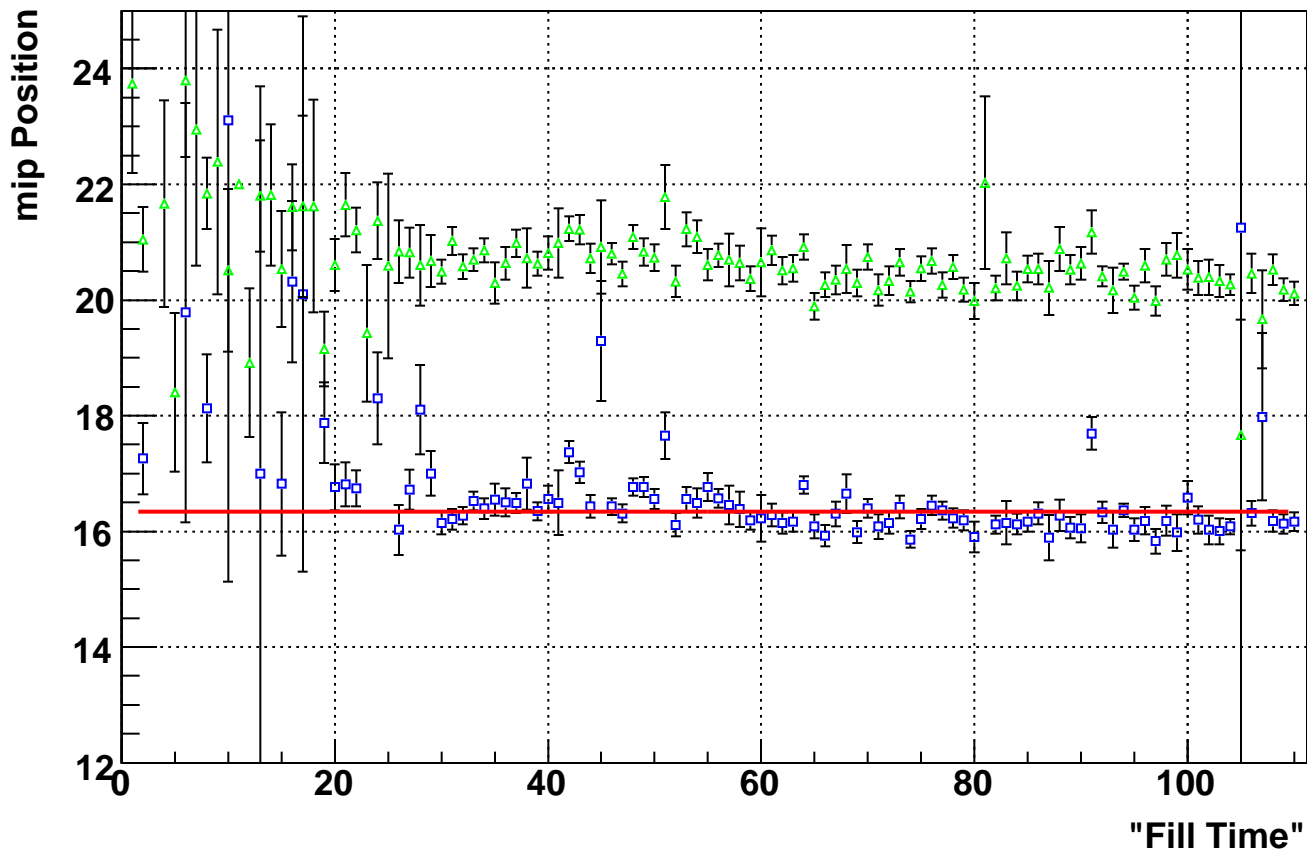
Eta Bin 10 mip Positons Vs. Time



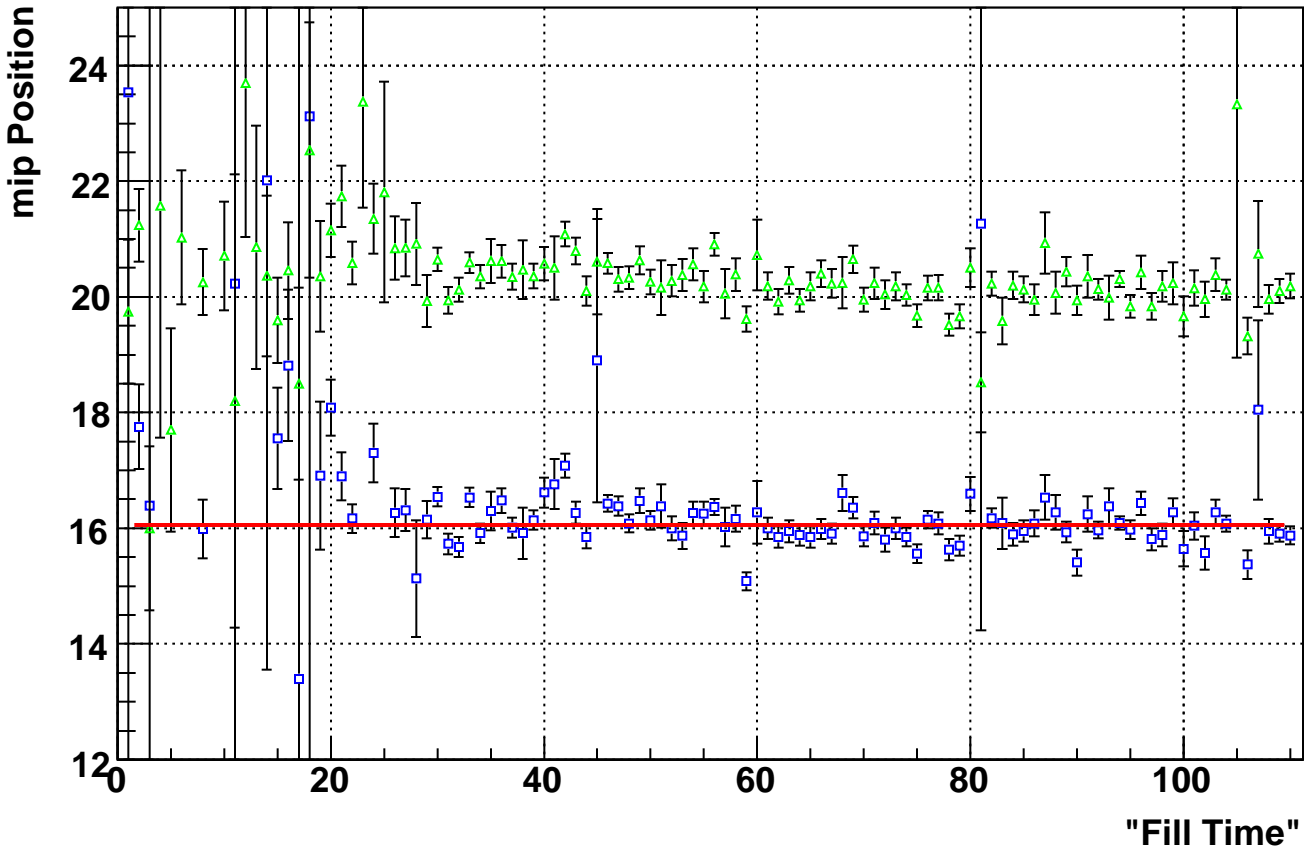
Eta Bin 11 mip Positons Vs. Time



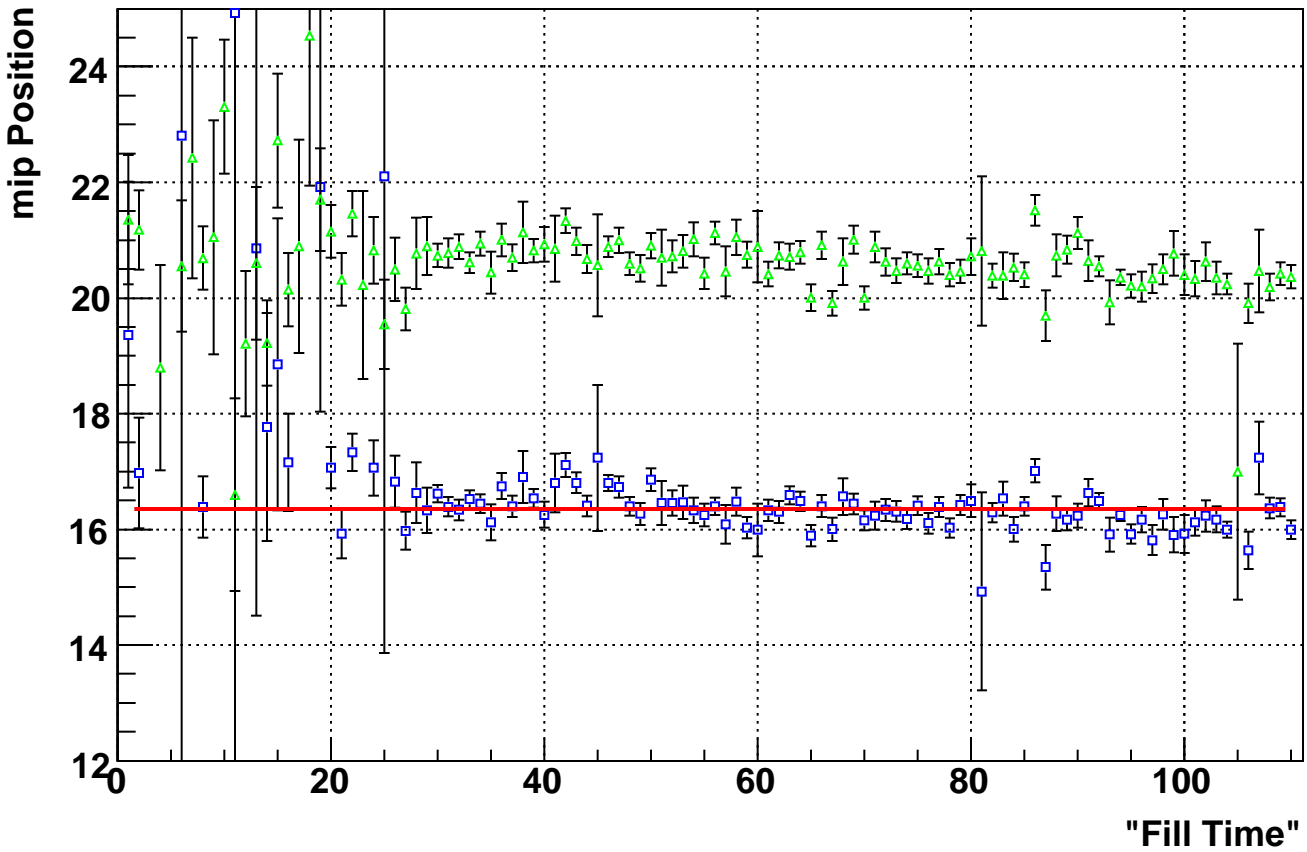
Eta Bin 12 mip Positons Vs. Time



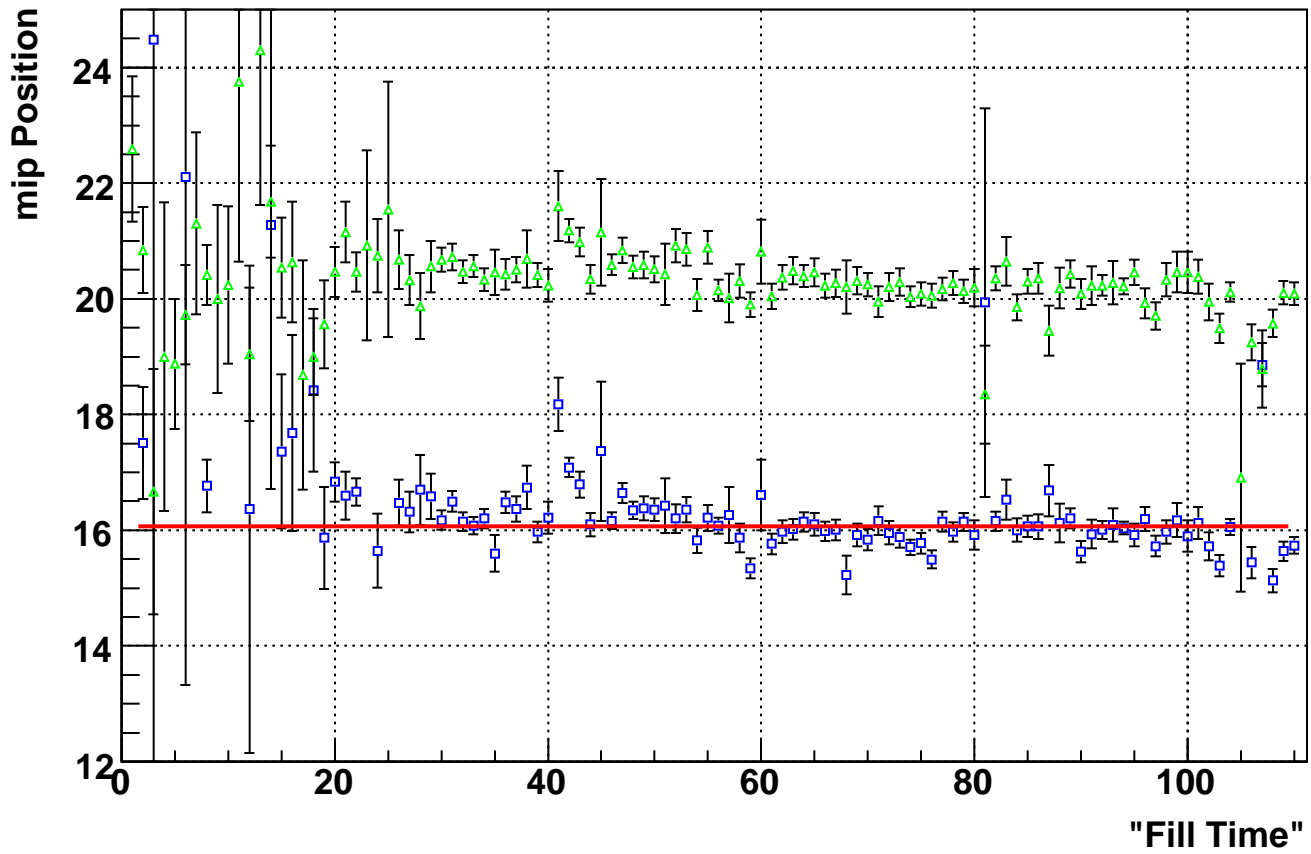
Eta Bin 13 mip Positons Vs. Time



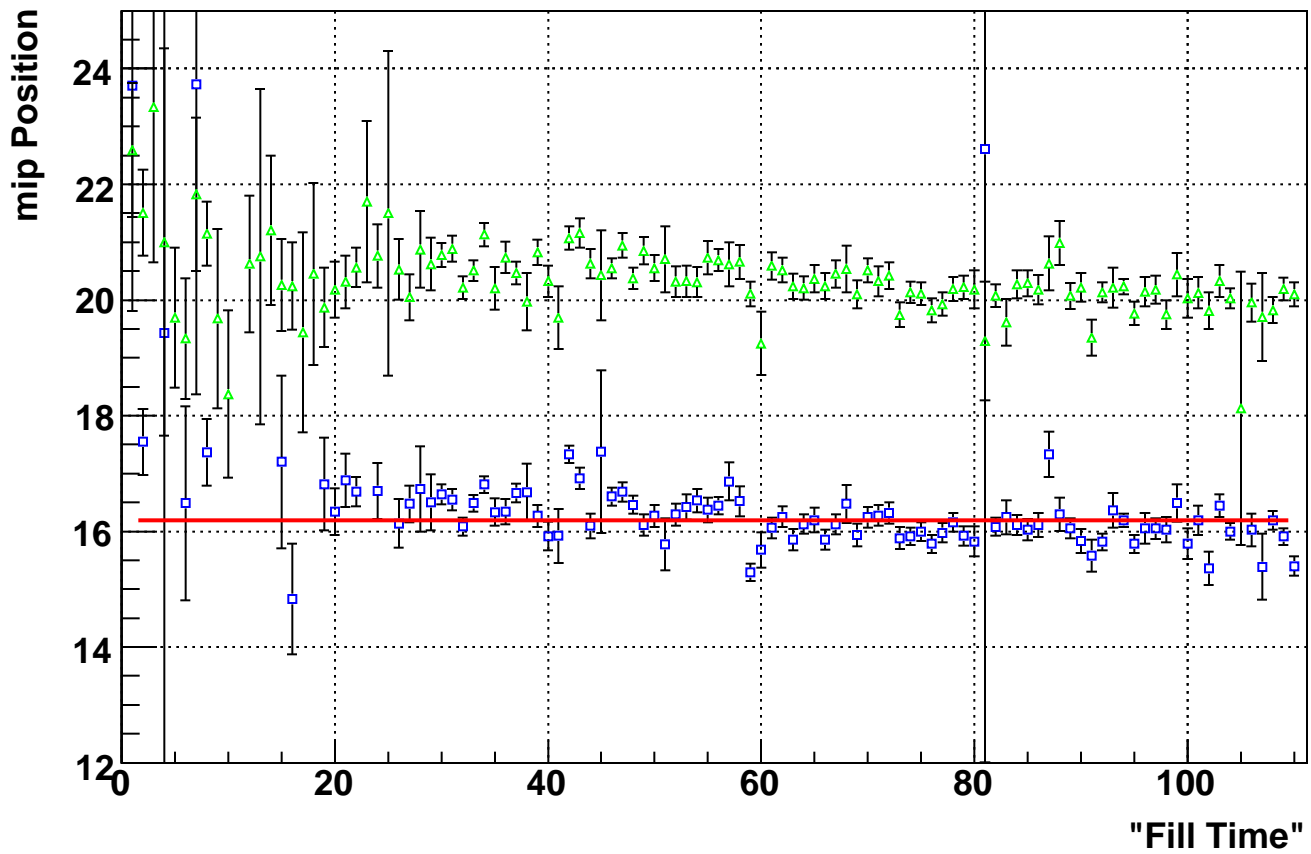
Eta Bin 14 mip Positons Vs. Time



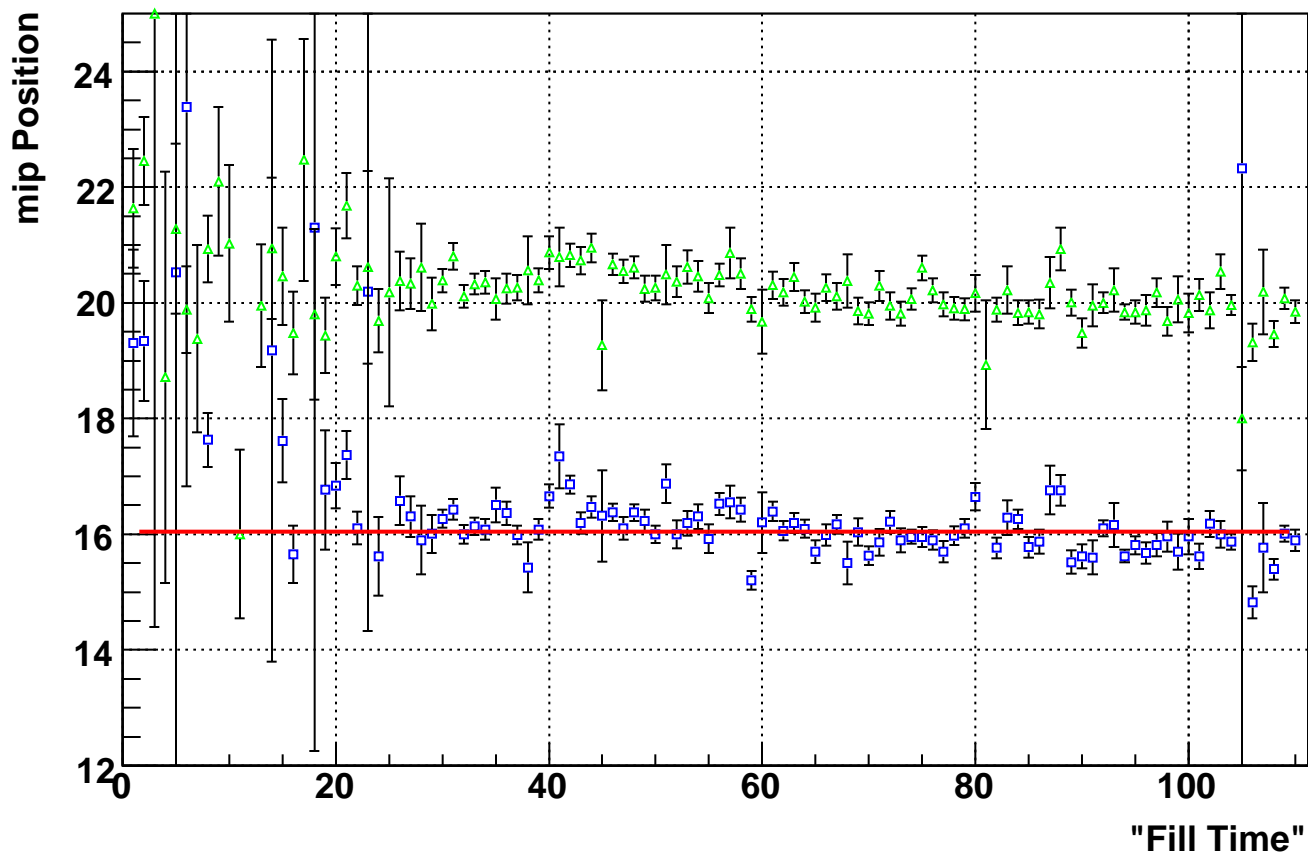
Eta Bin 15 mip Positons Vs. Time



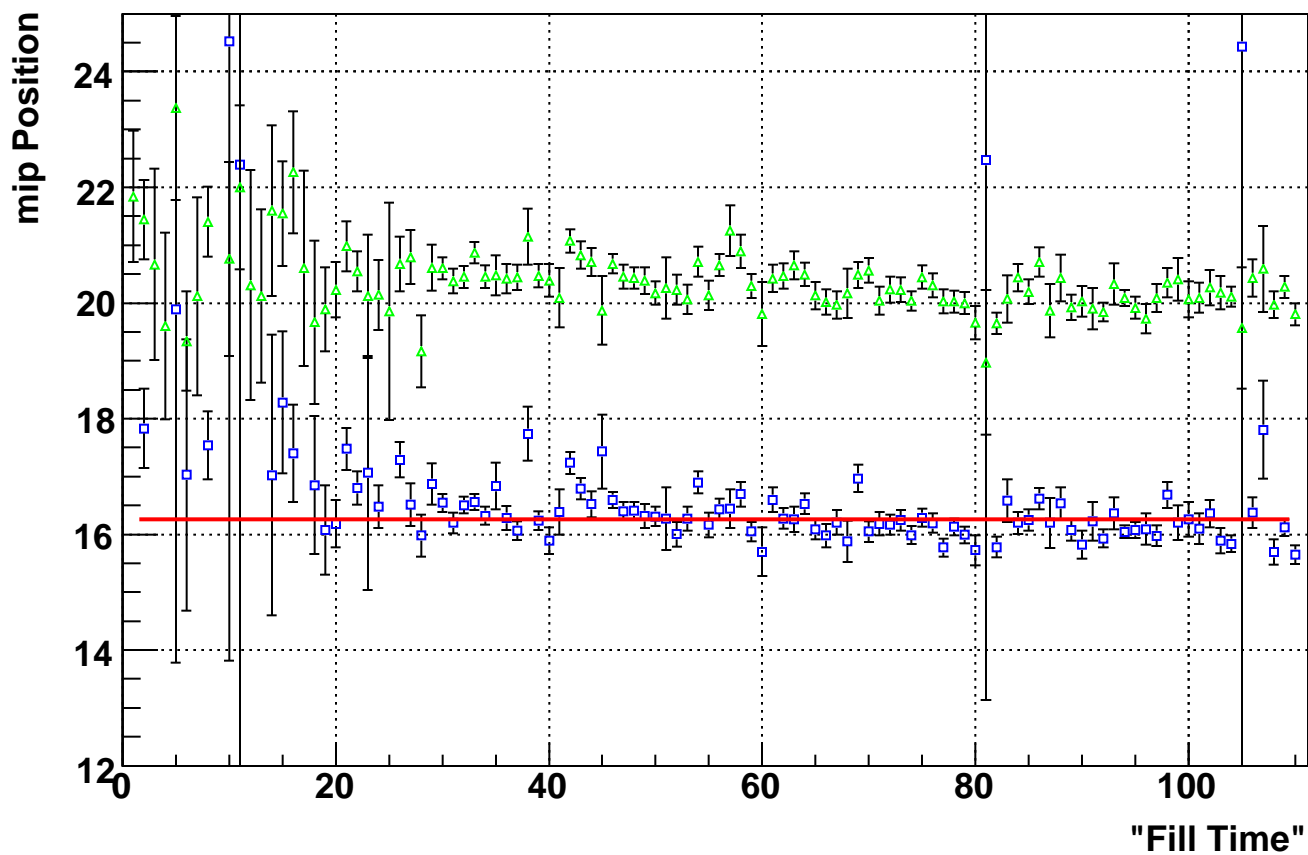
Eta Bin 16 mip Positons Vs. Time



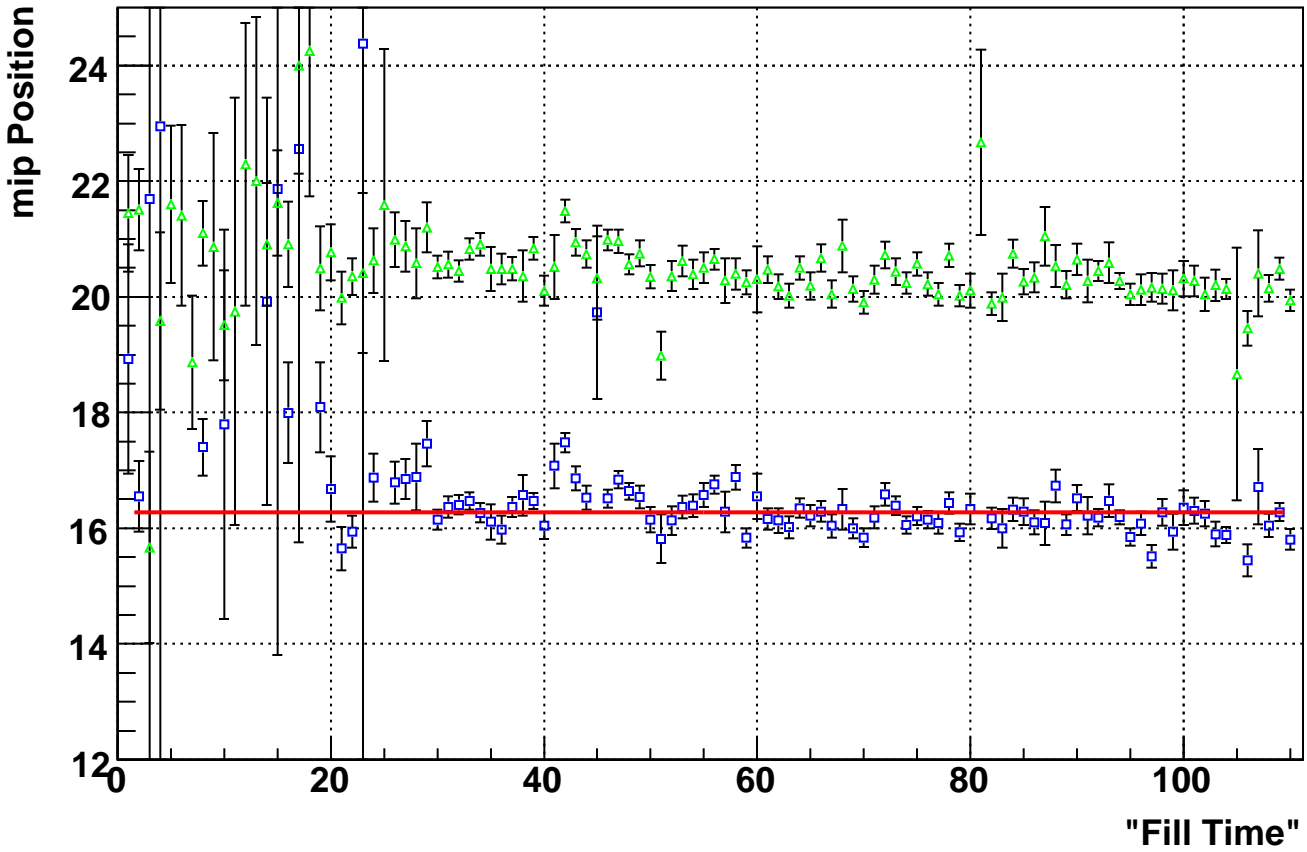
Eta Bin 17 mip Positons Vs. Time



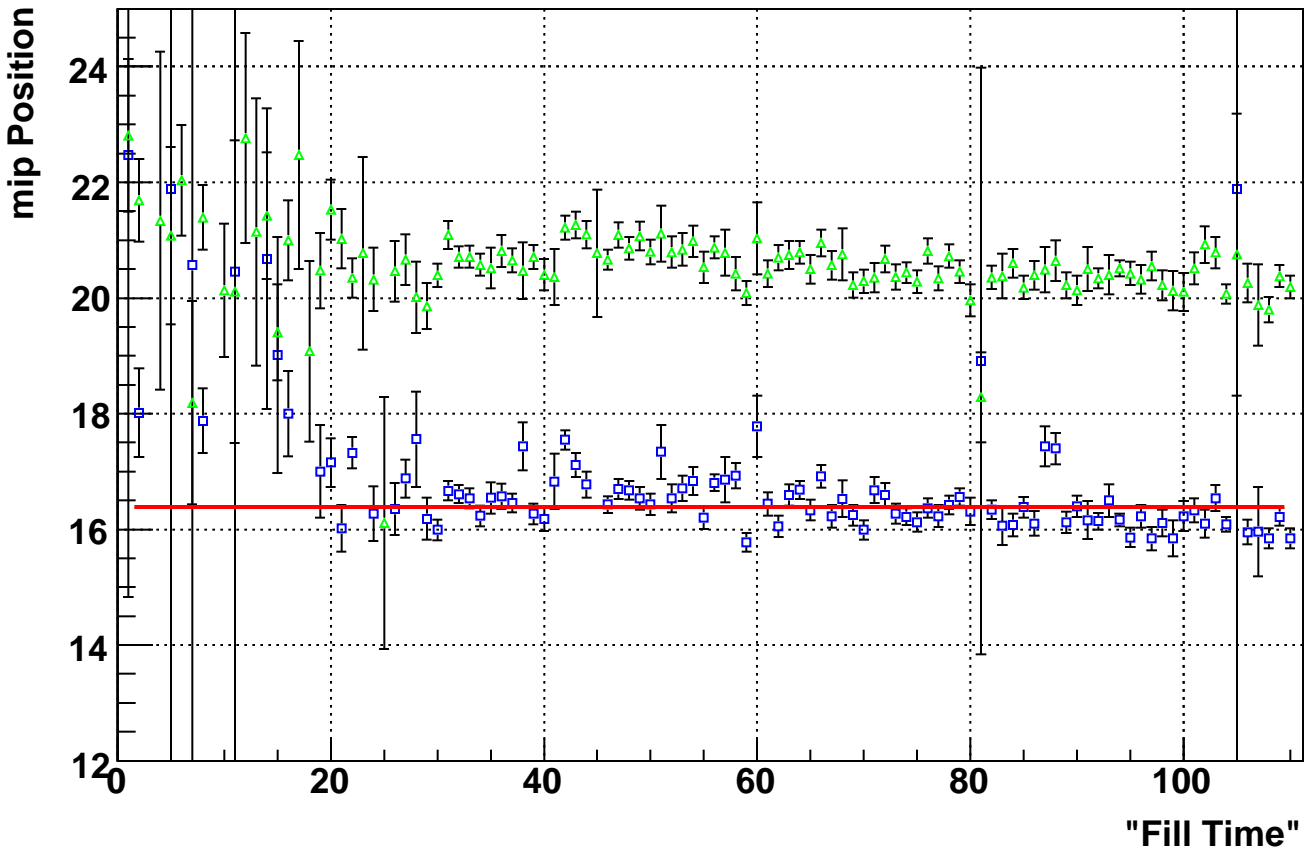
Eta Bin 18 mip Positons Vs. Time



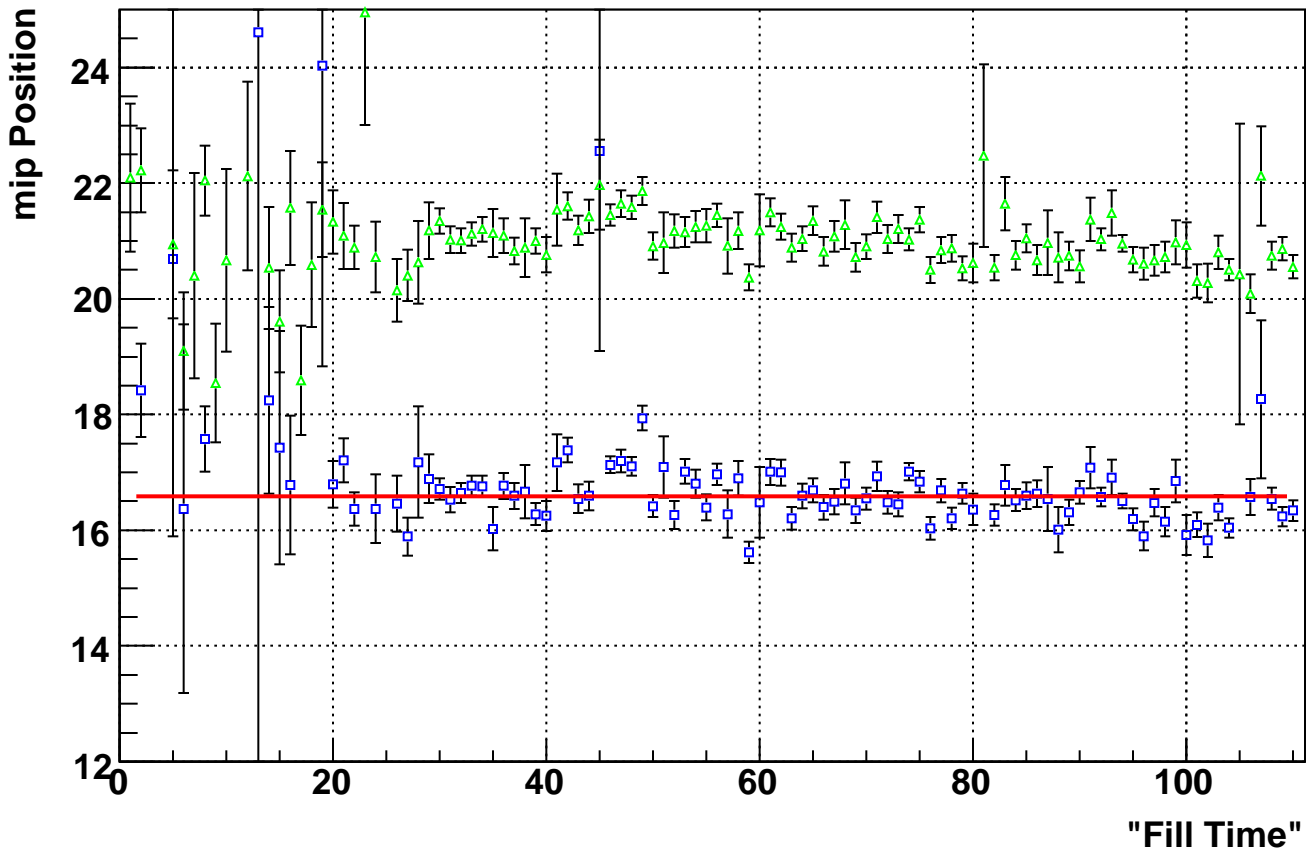
Eta Bin 19 mip Positons Vs. Time



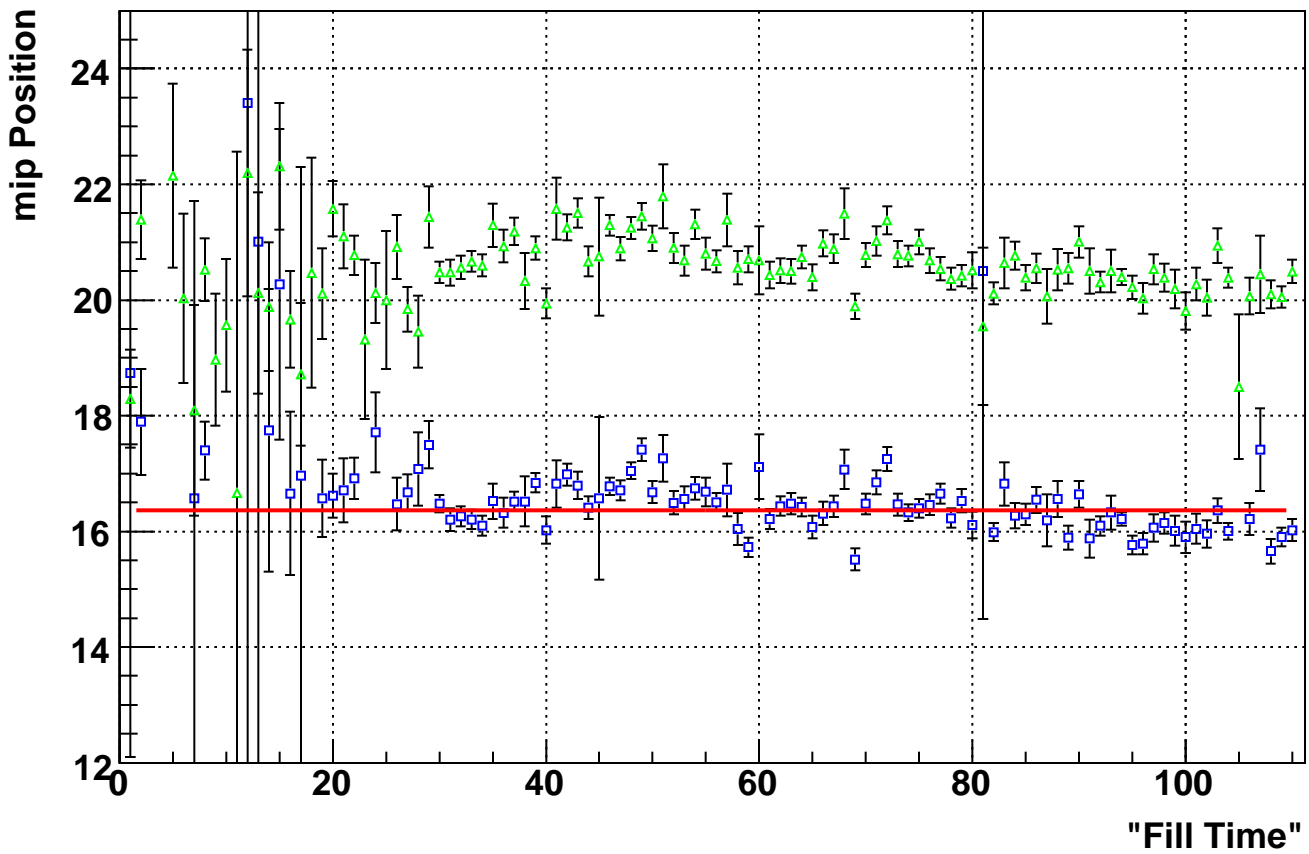
Eta Bin 20 mip Positons Vs. Time



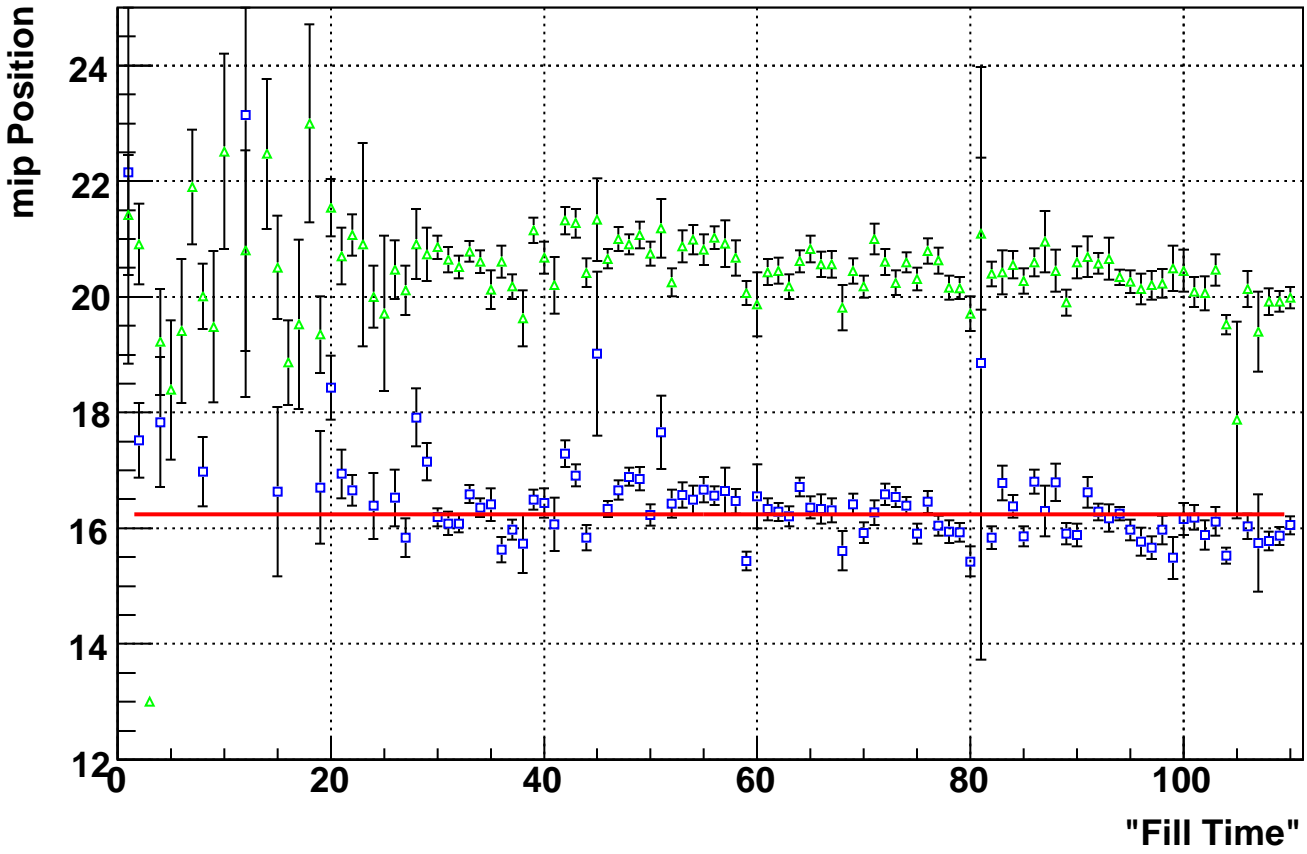
Eta Bin 21 mip Positons Vs. Time



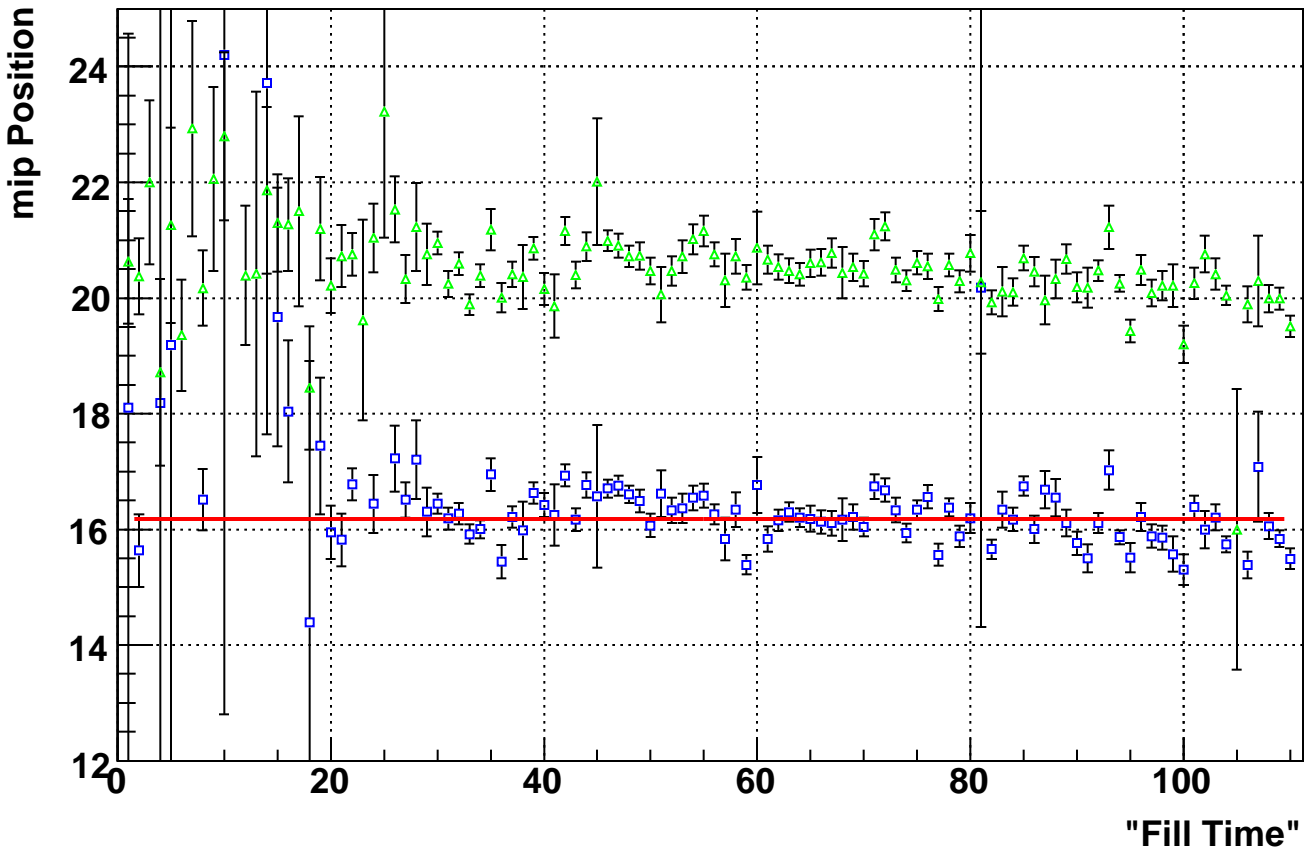
Eta Bin 22 mip Positons Vs. Time



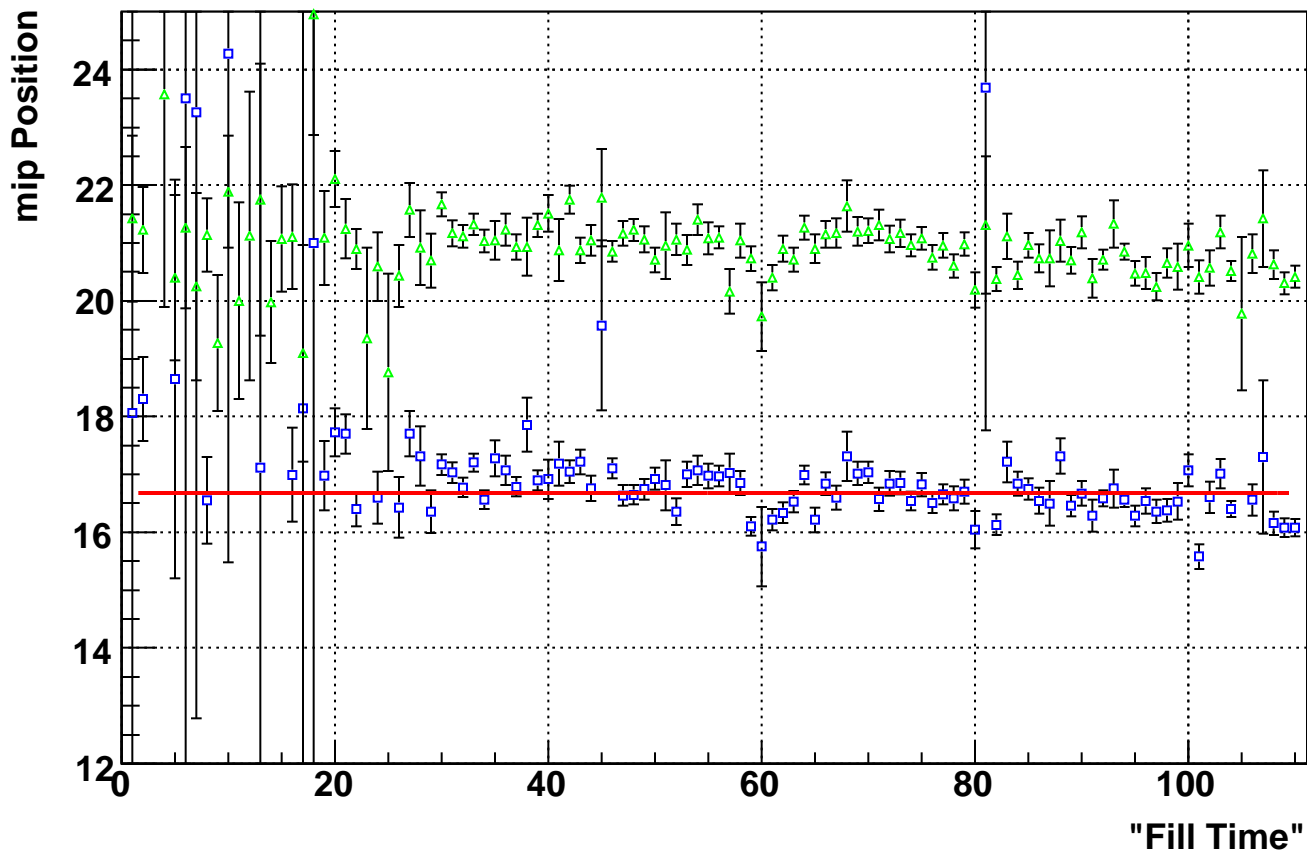
Eta Bin 23 mip Positons Vs. Time



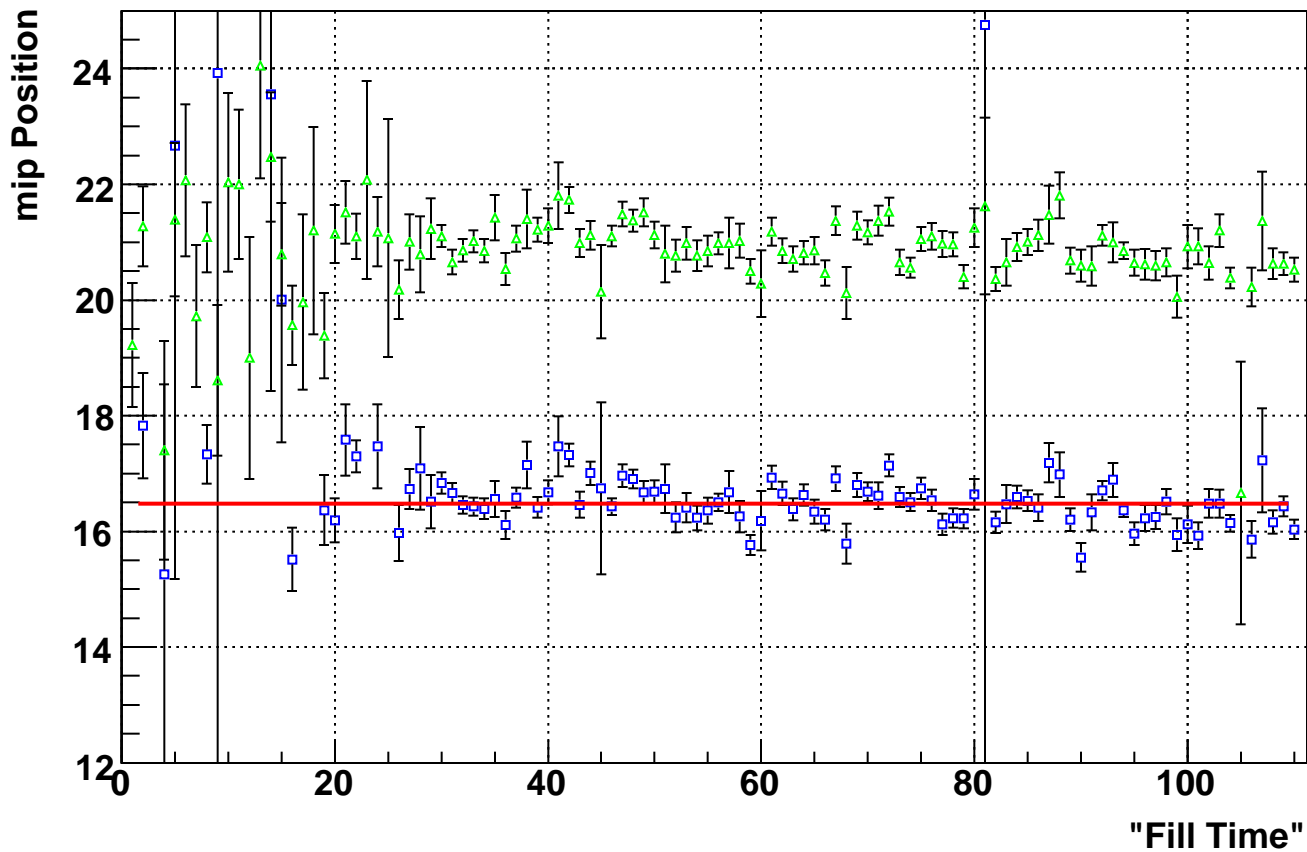
Eta Bin 24 mip Positons Vs. Time



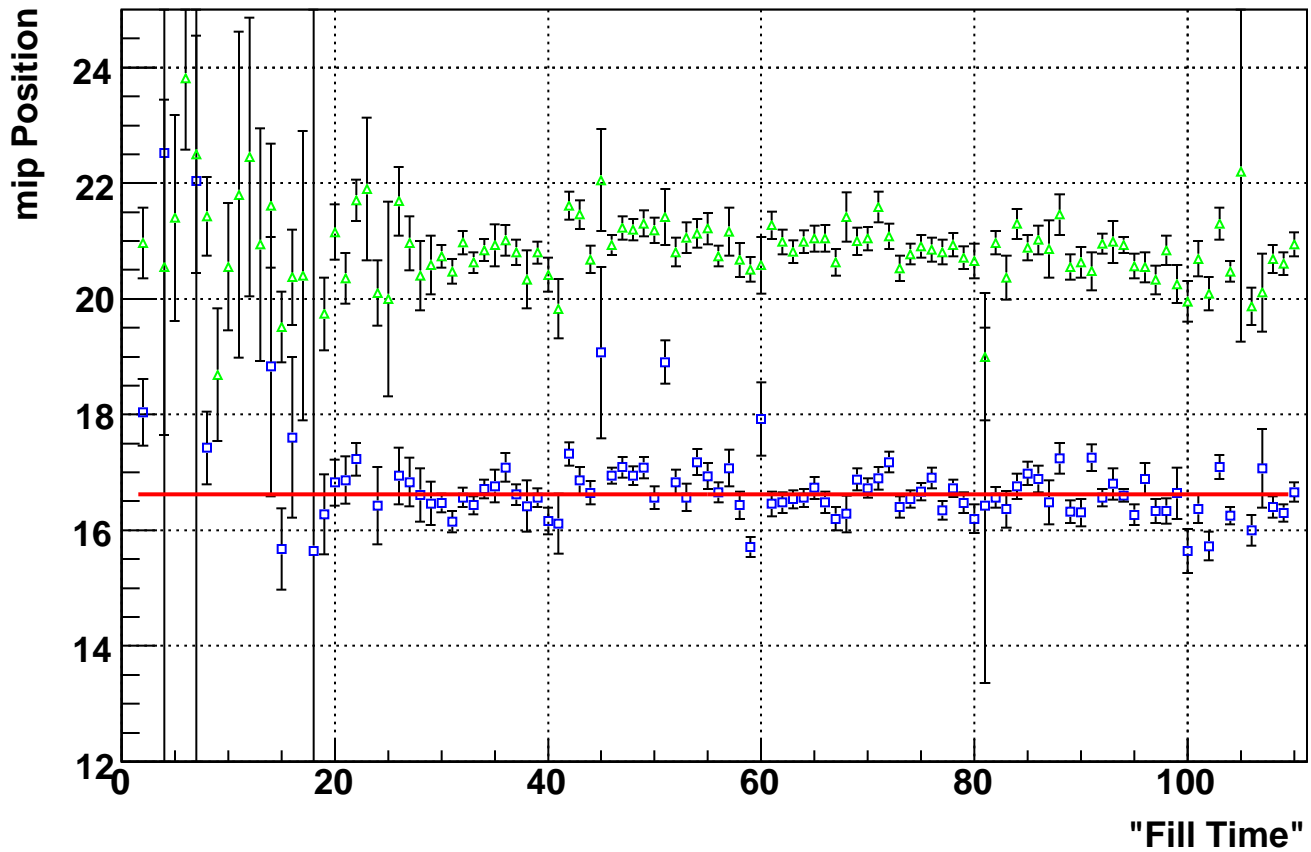
Eta Bin 25 mip Positons Vs. Time



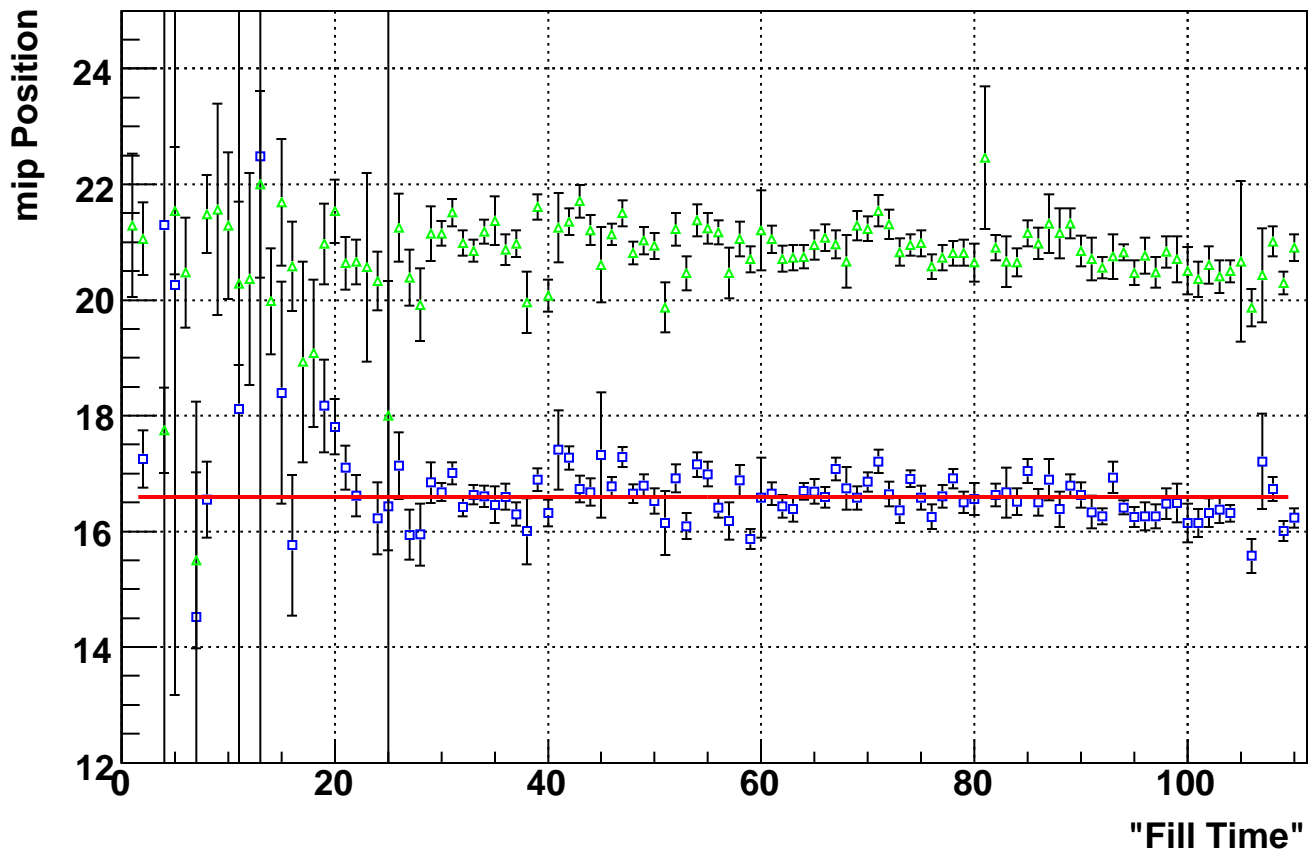
Eta Bin 26 mip Positons Vs. Time



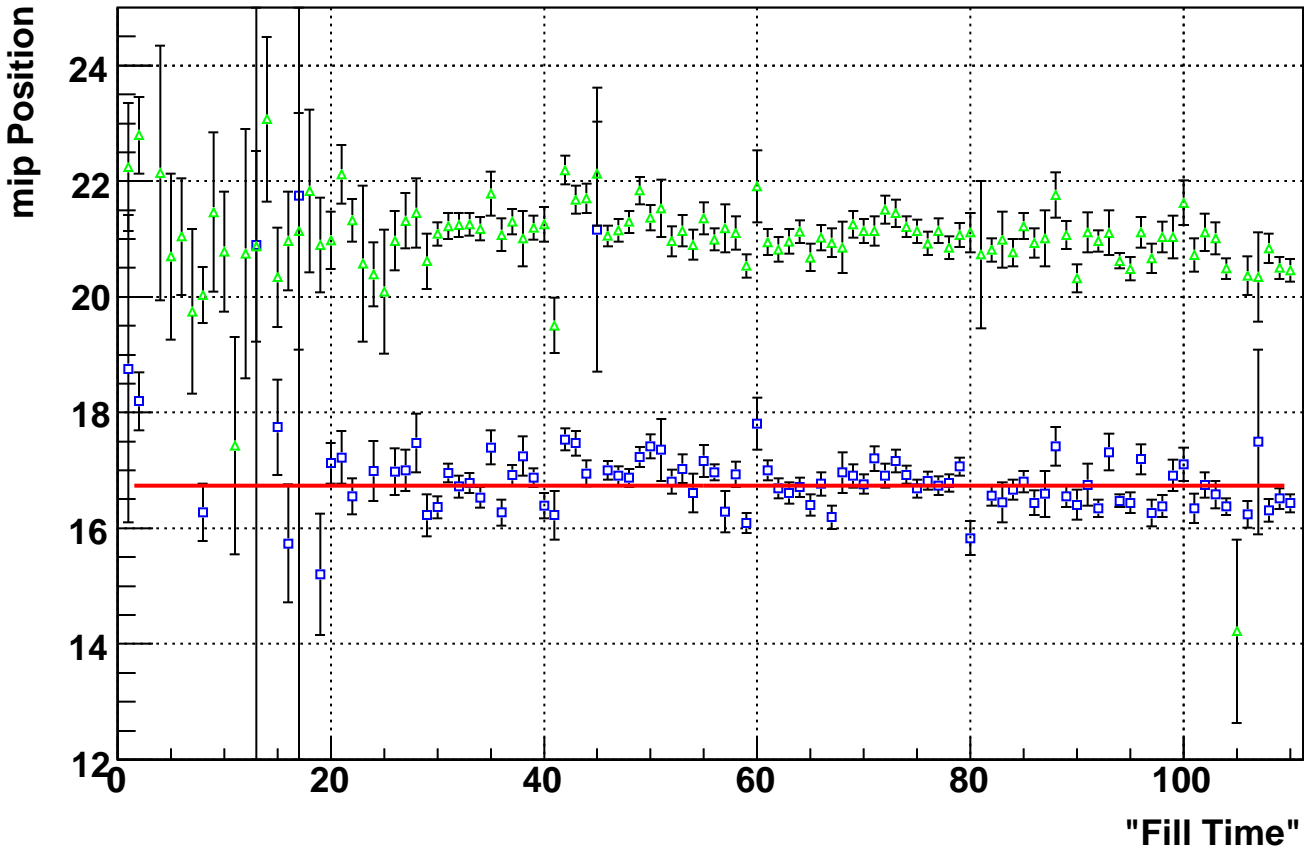
Eta Bin 27 mip Positons Vs. Time



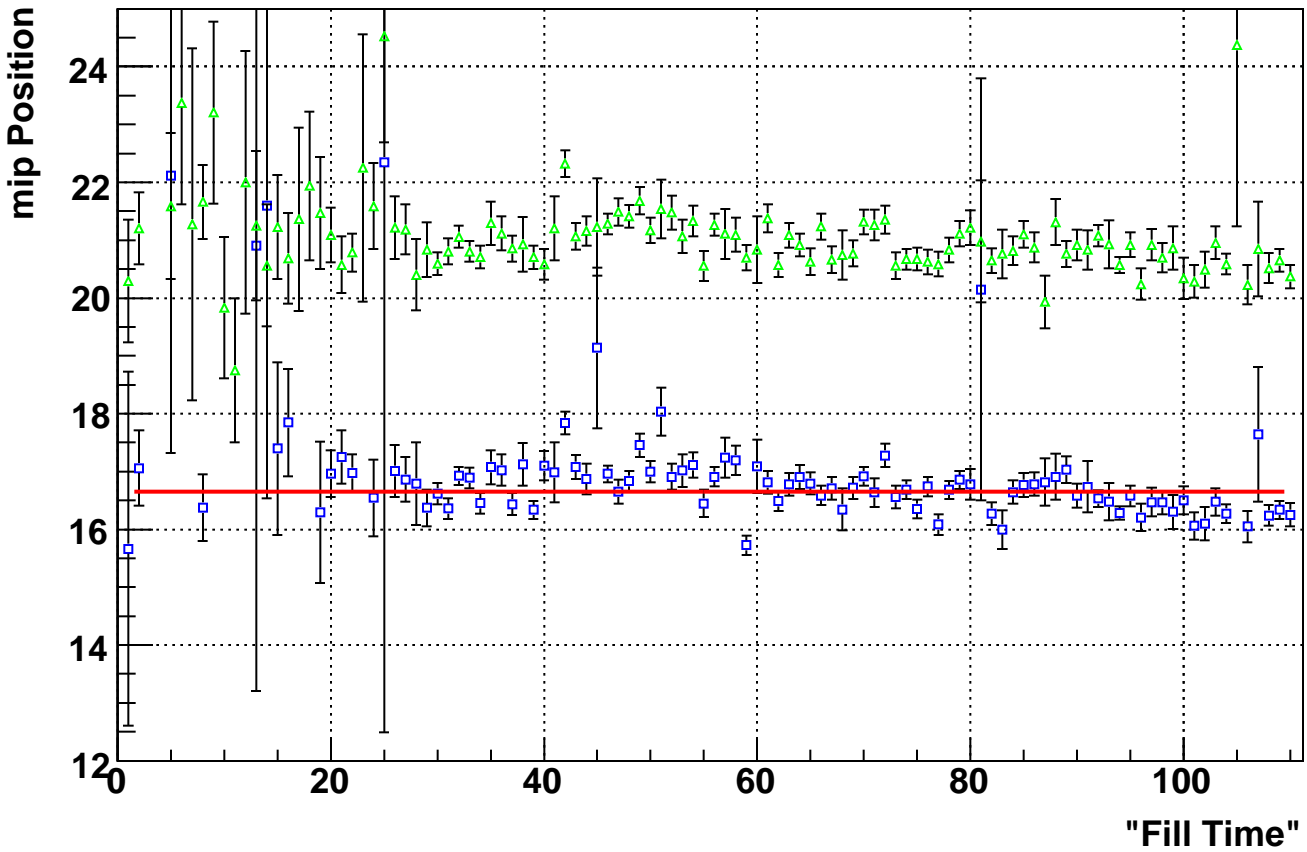
Eta Bin 28 mip Positons Vs. Time



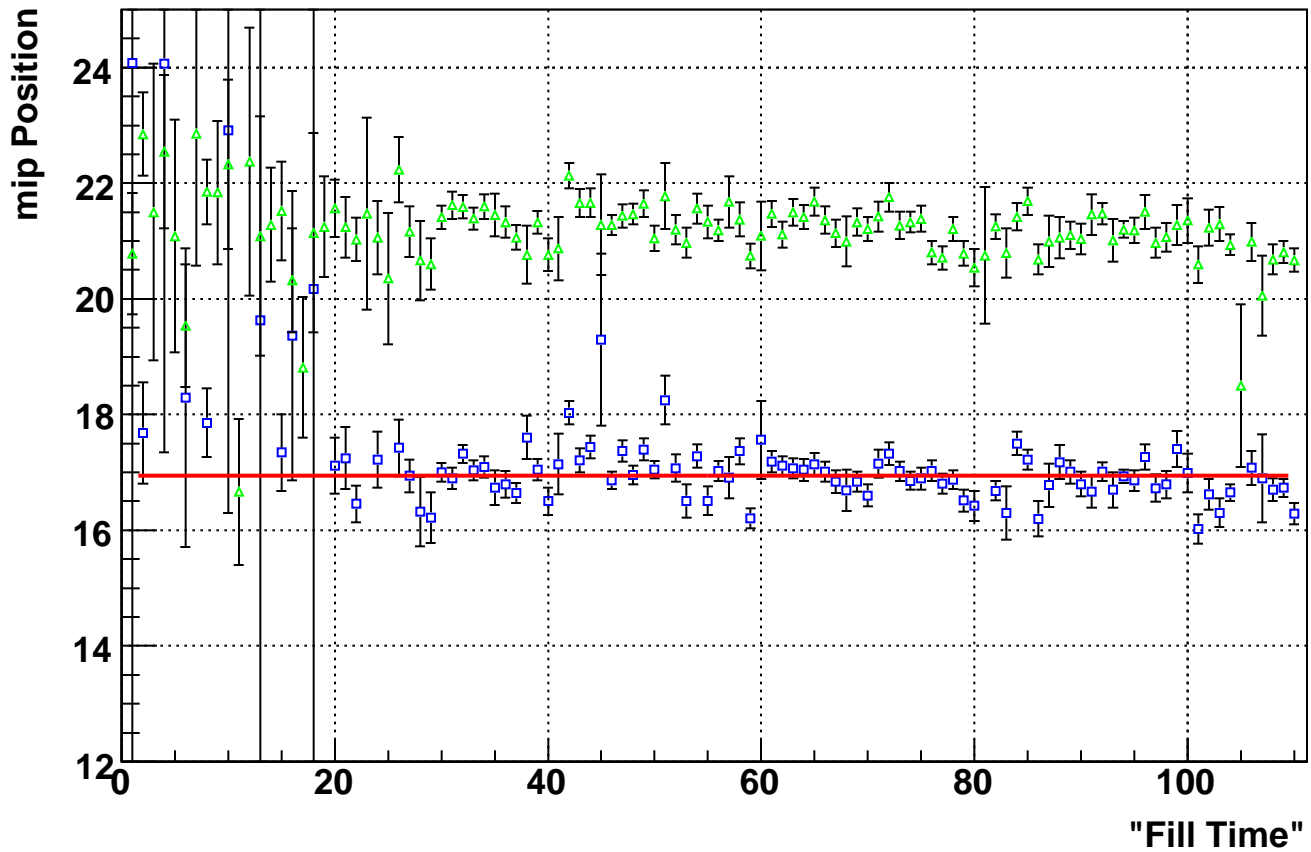
Eta Bin 29 mip Positons Vs. Time



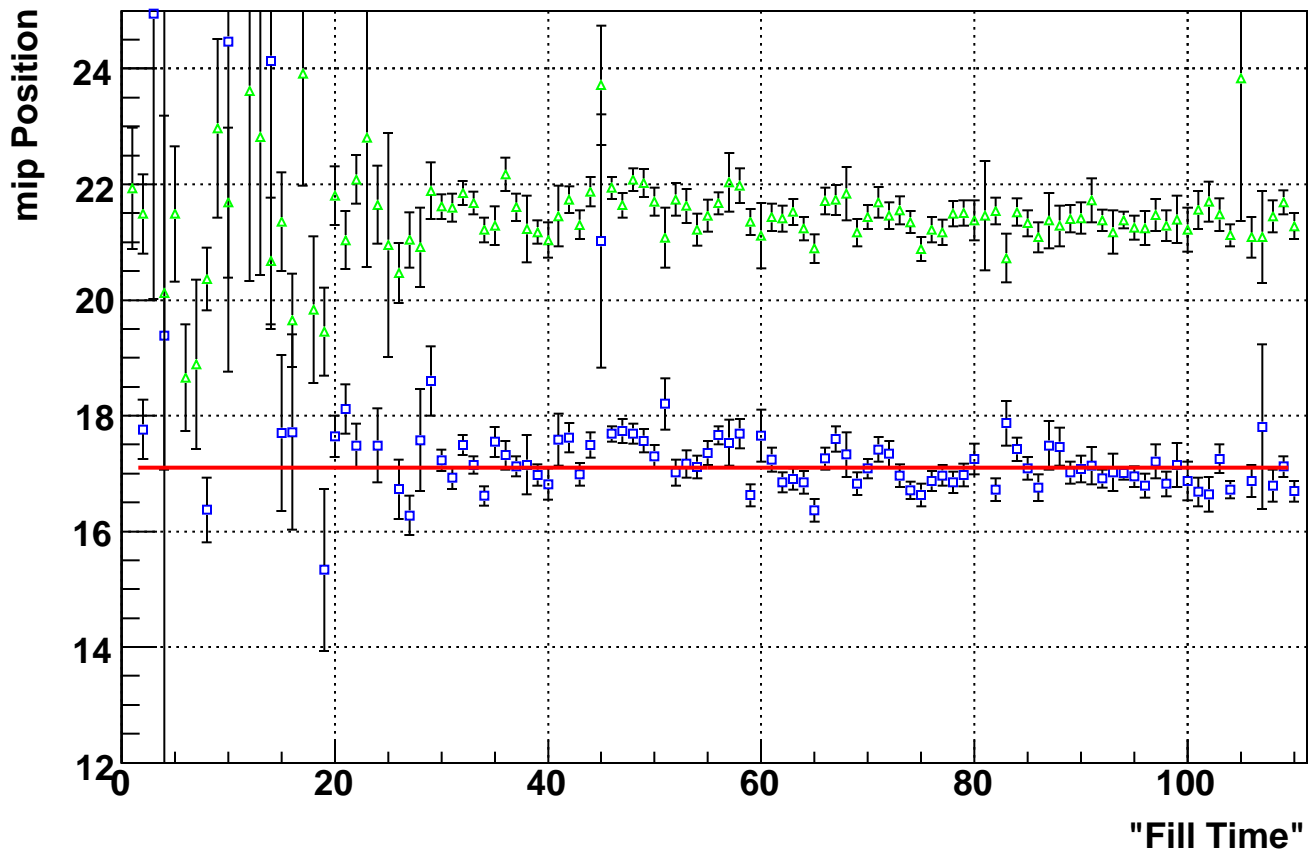
Eta Bin 30 mip Positons Vs. Time



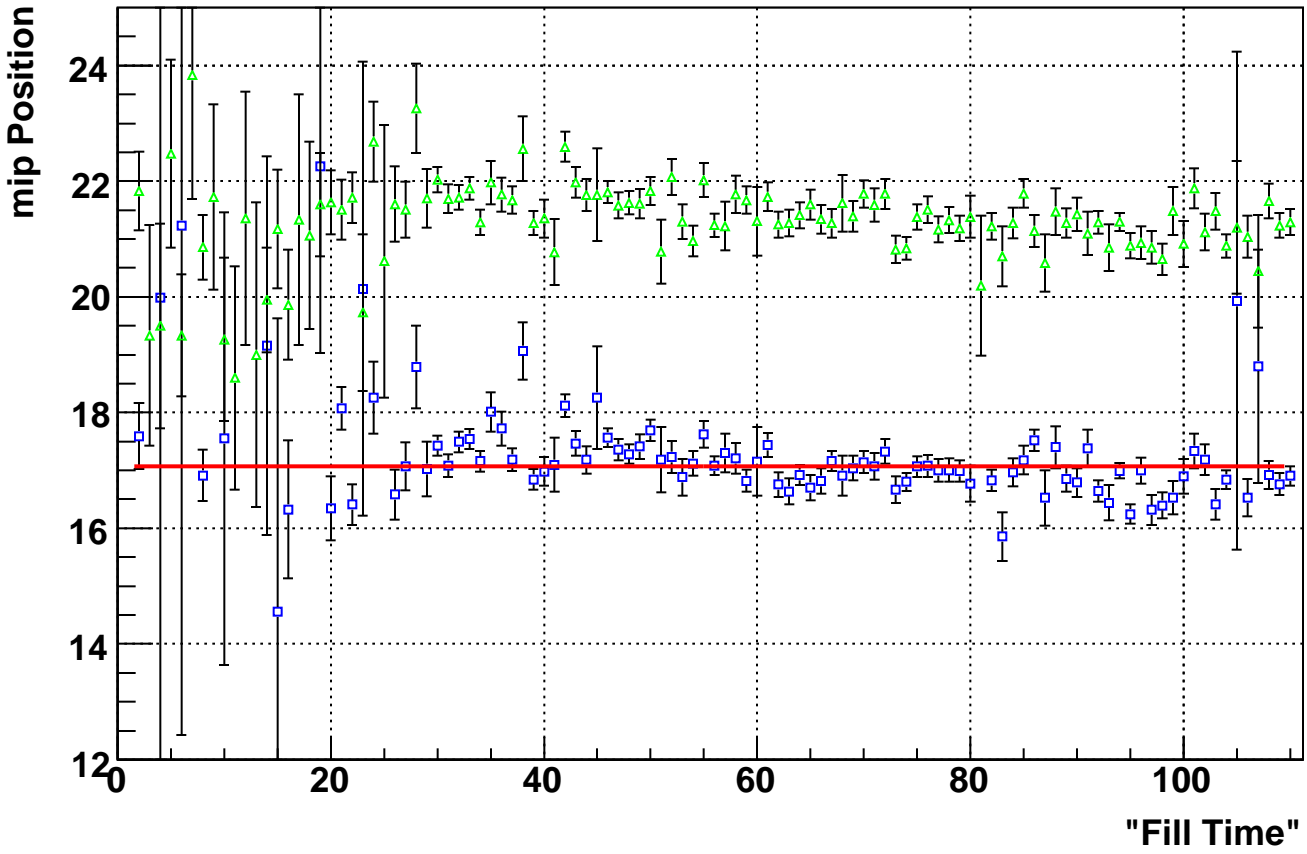
Eta Bin 31 mip Positons Vs. Time



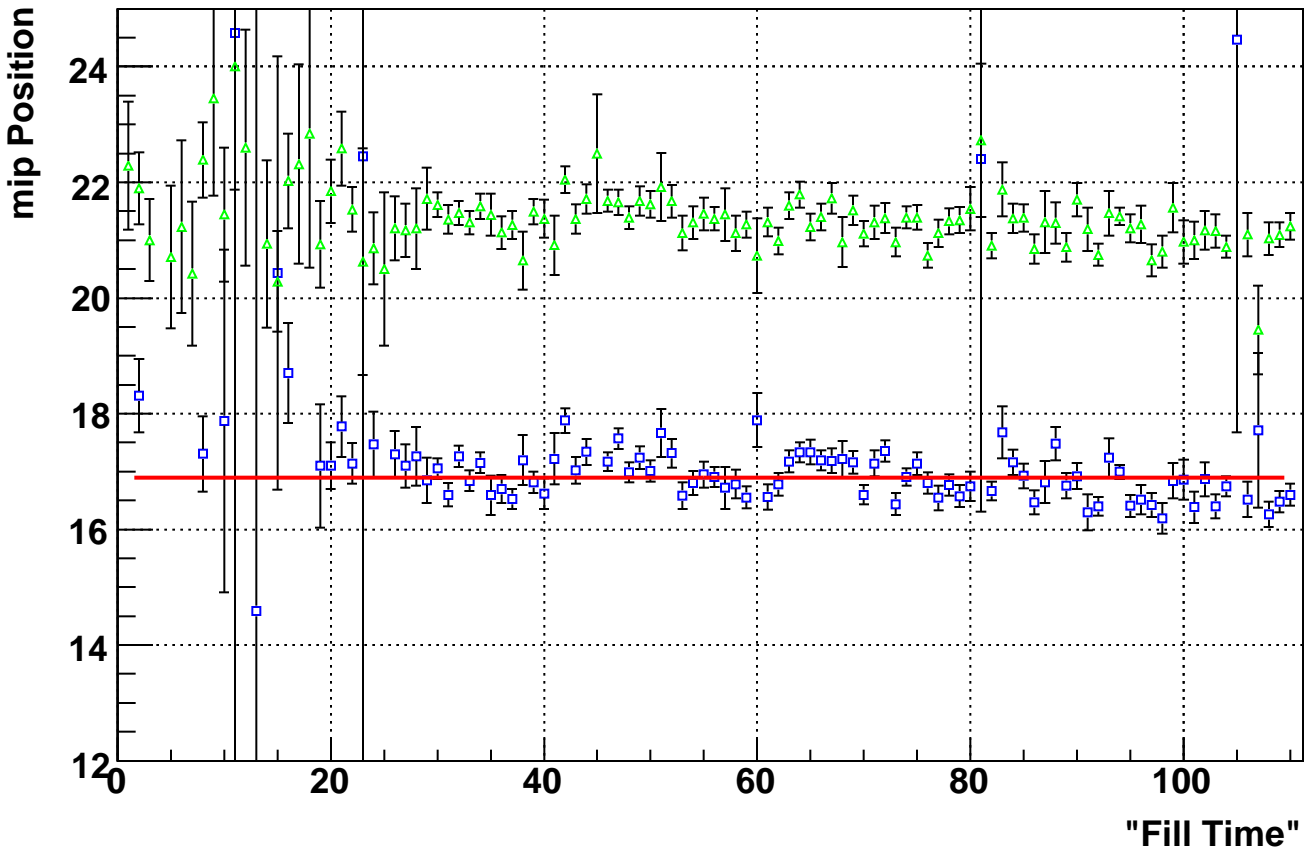
Eta Bin 32 mip Positons Vs. Time



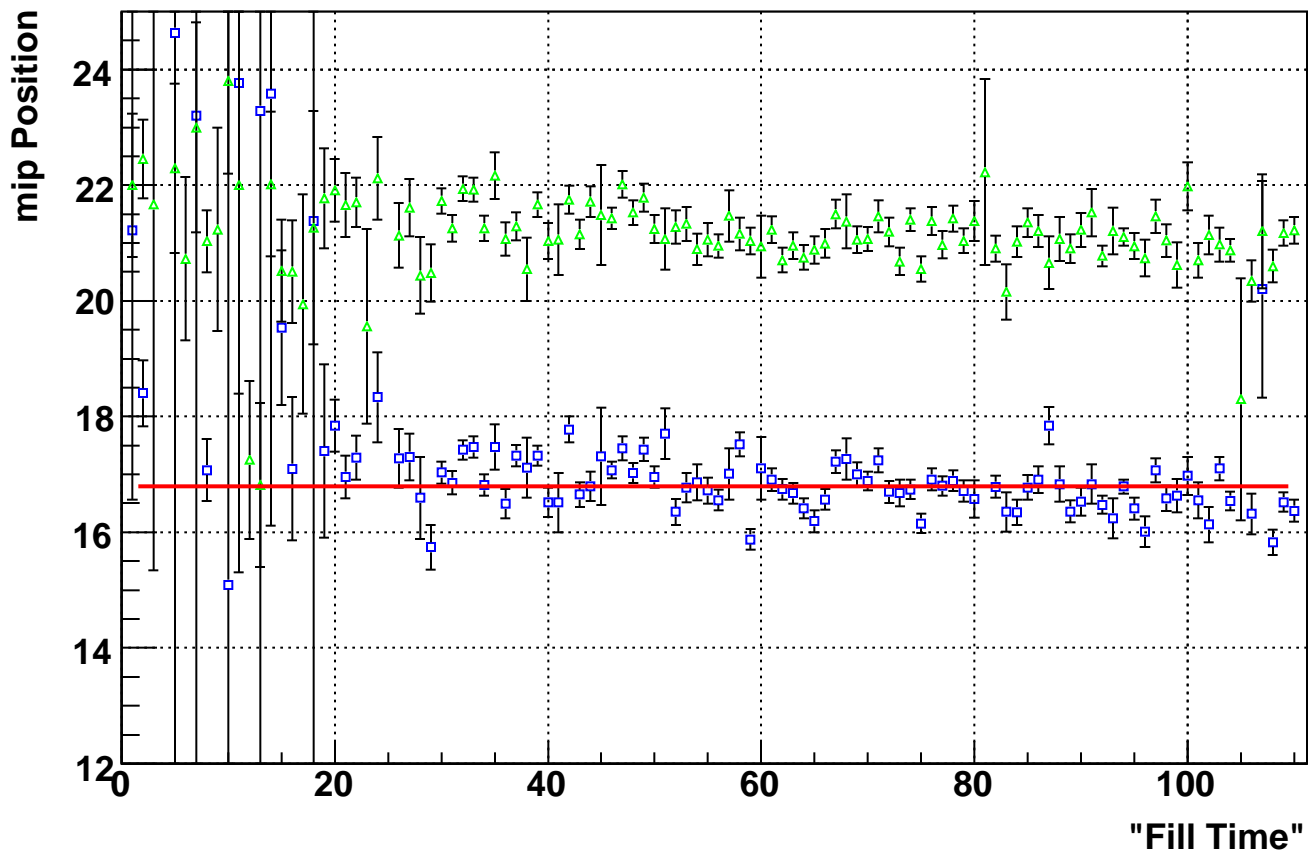
Eta Bin 33 mip Positons Vs. Time



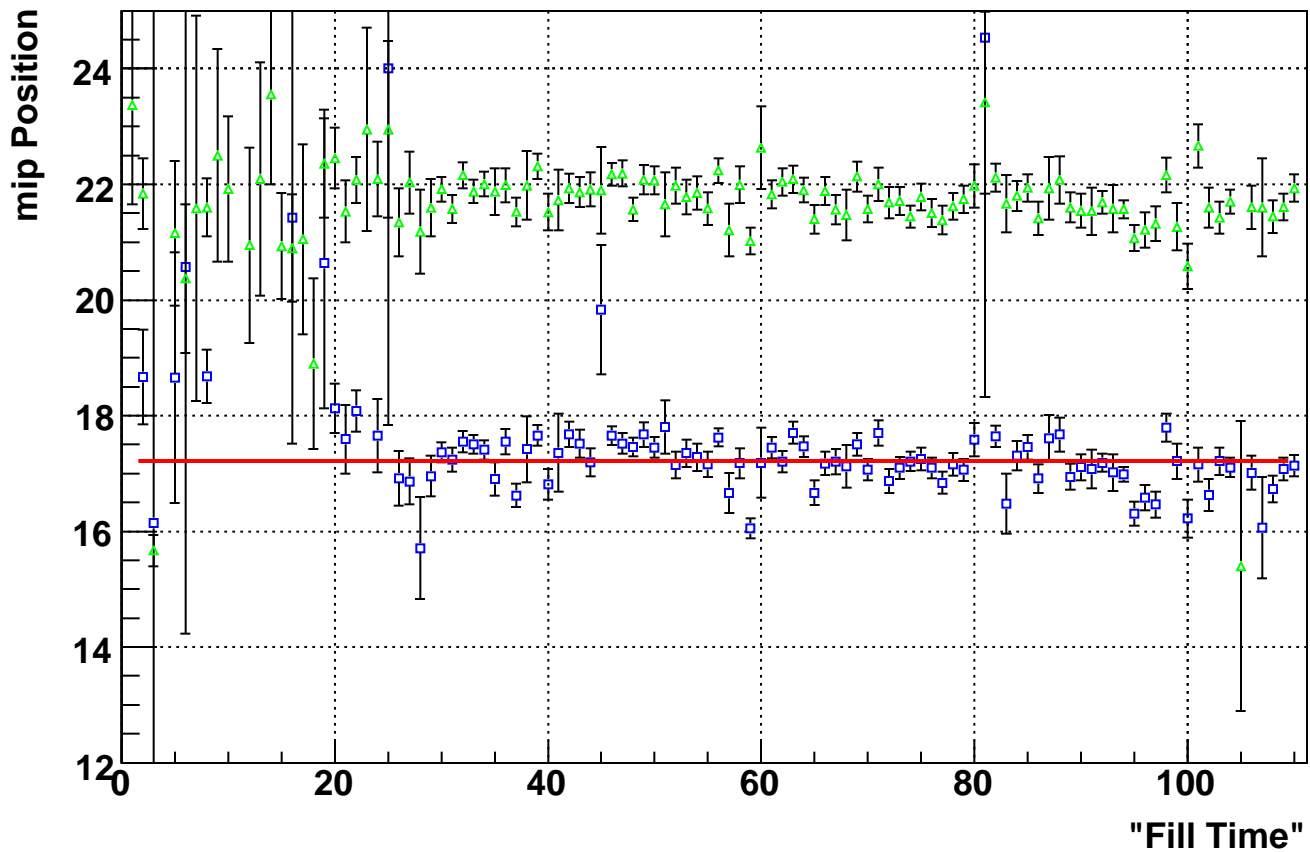
Eta Bin 34 mip Positons Vs. Time



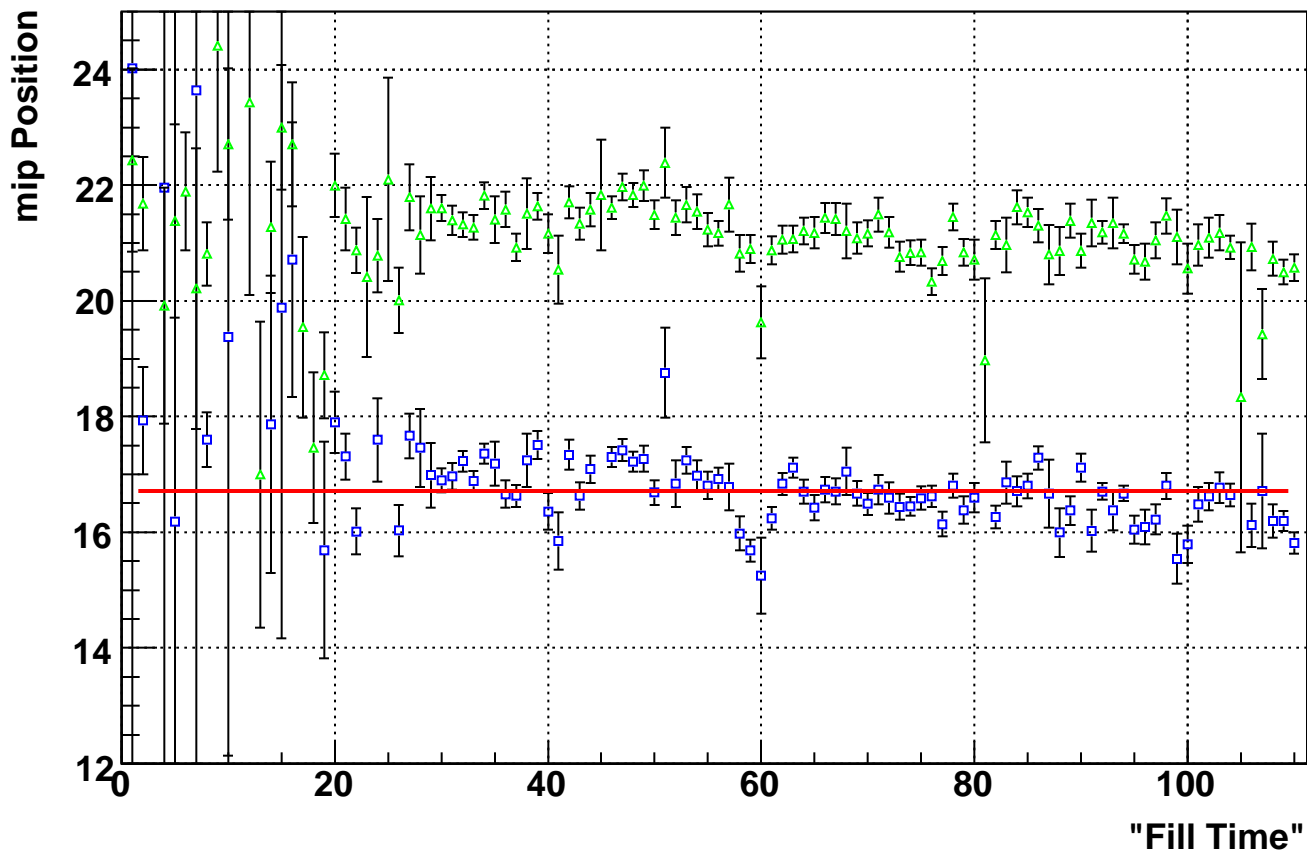
Eta Bin 35 mip Positons Vs. Time



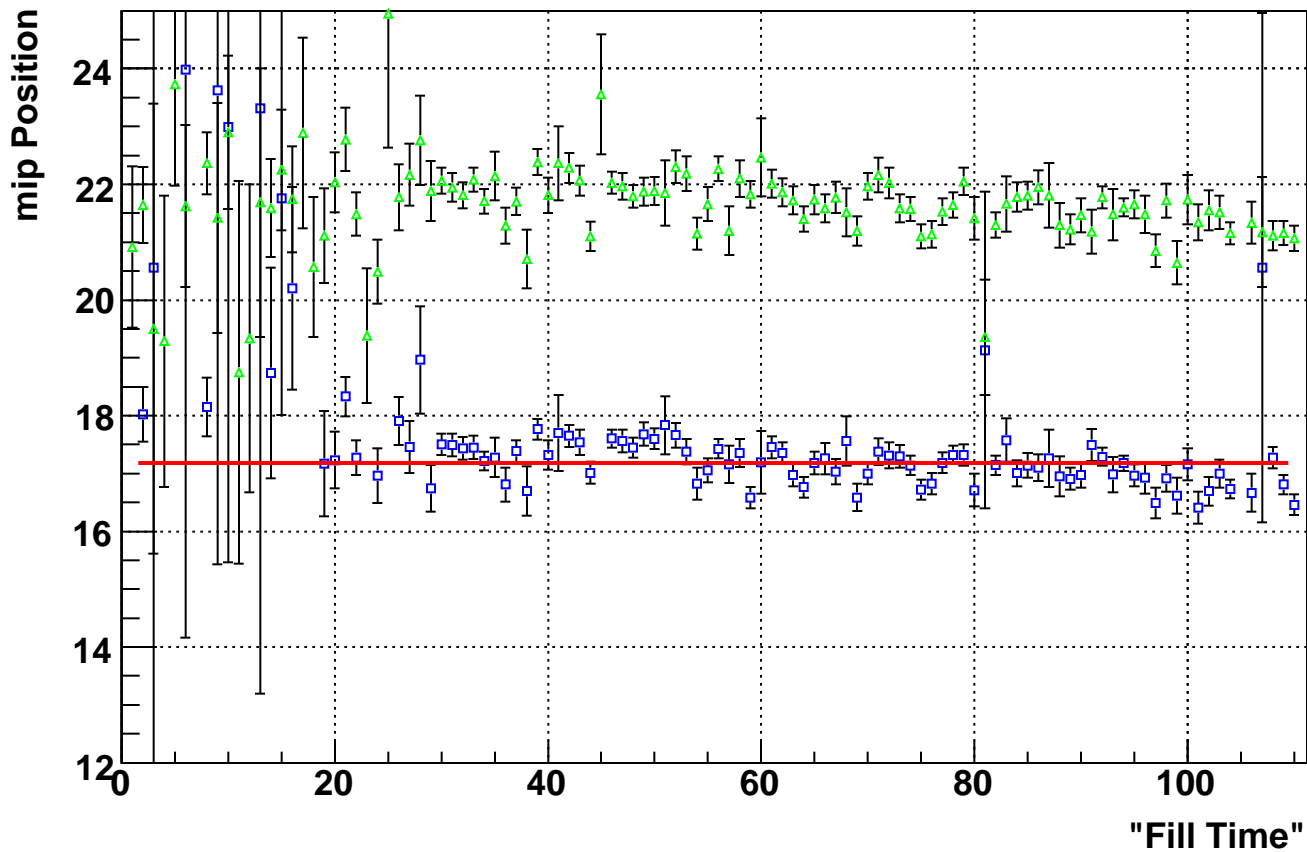
Eta Bin 36 mip Positons Vs. Time



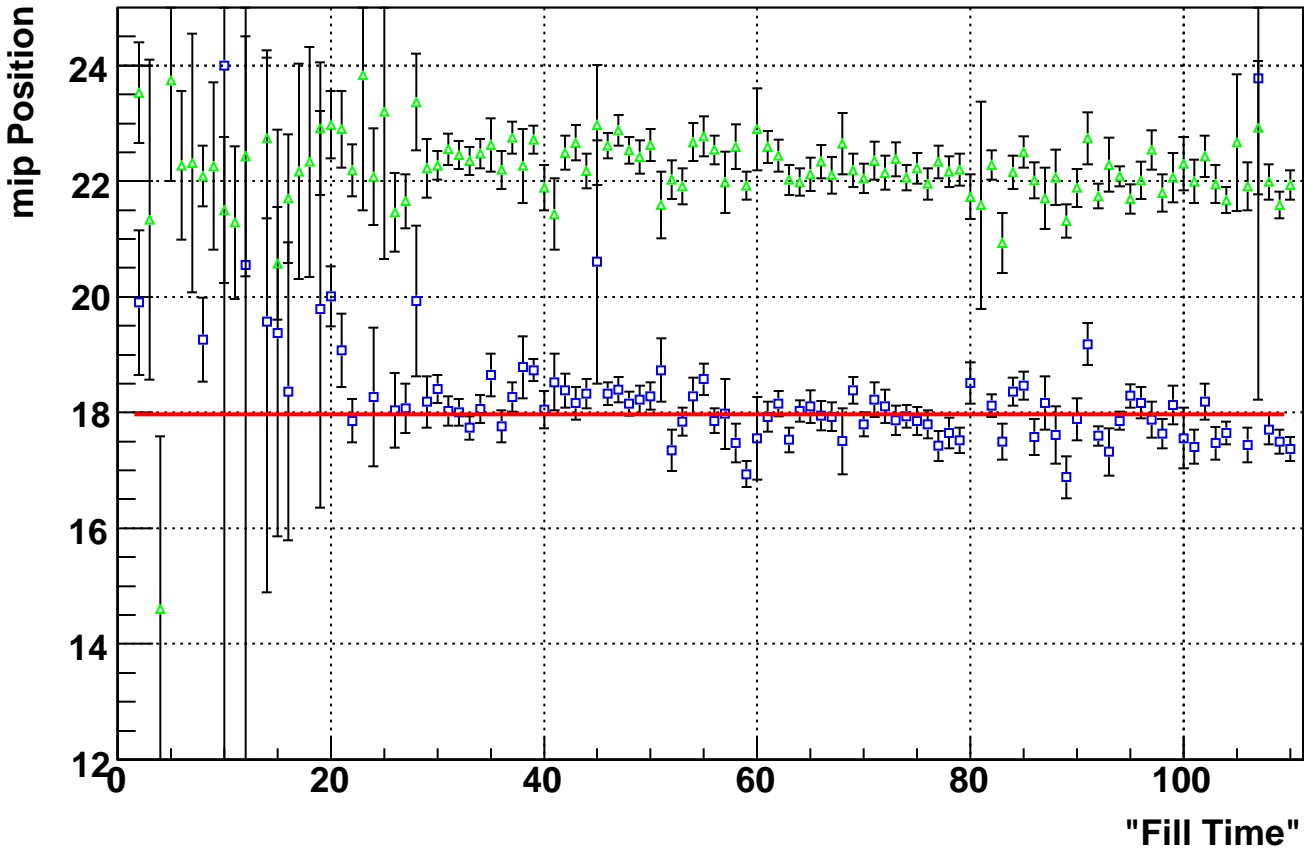
Eta Bin 37 mip Positons Vs. Time



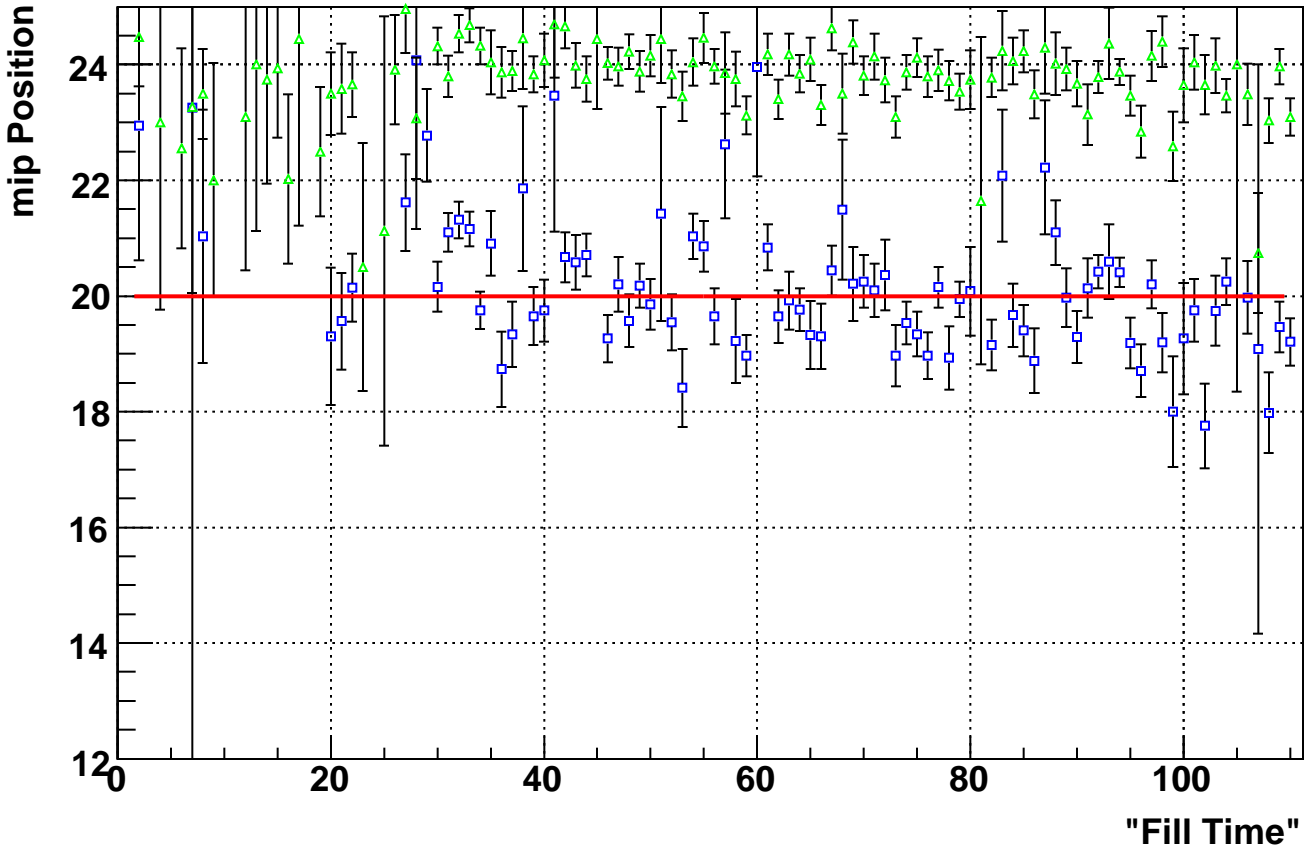
Eta Bin 38 mip Positons Vs. Time



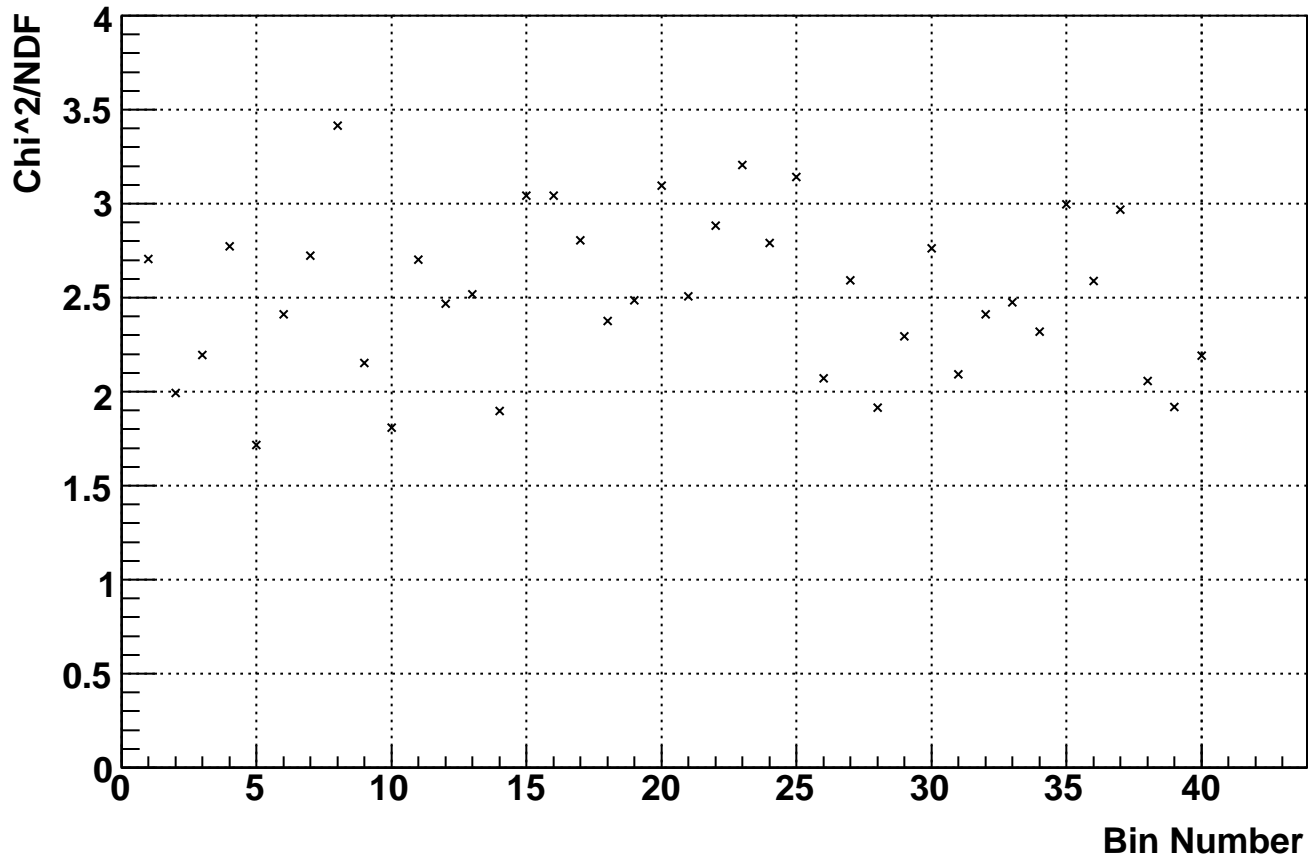
Eta Bin 39 mip Positons Vs. Time



Eta Bin 40 mip Positons Vs. Time



Chi Squared vs. Bin Number



Eta Bin 1 mip Positions Vs. Time (rebinned b

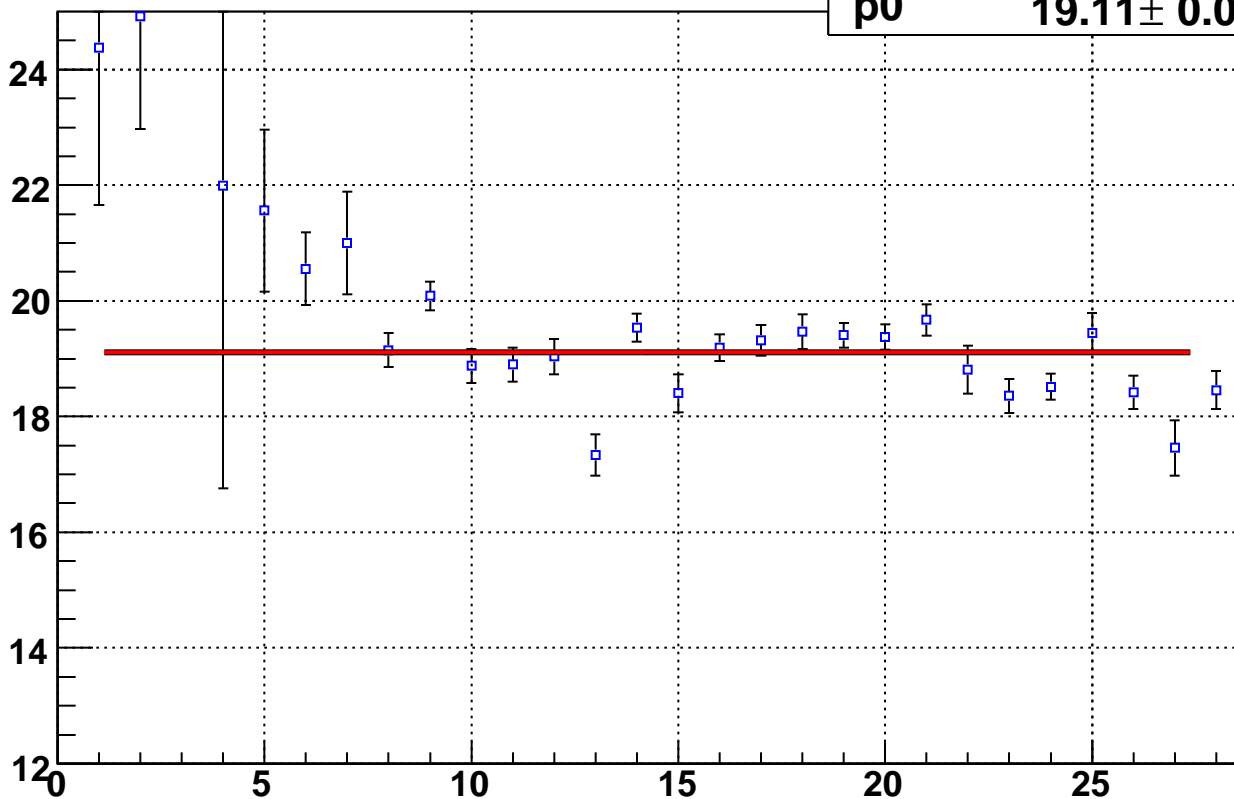
χ^2 / ndf

117.1 / 26

p0

19.11 ± 0.06164

mip Position



"Fill Time"

Eta Bin 2 mip Positions Vs. Time (rebinned b

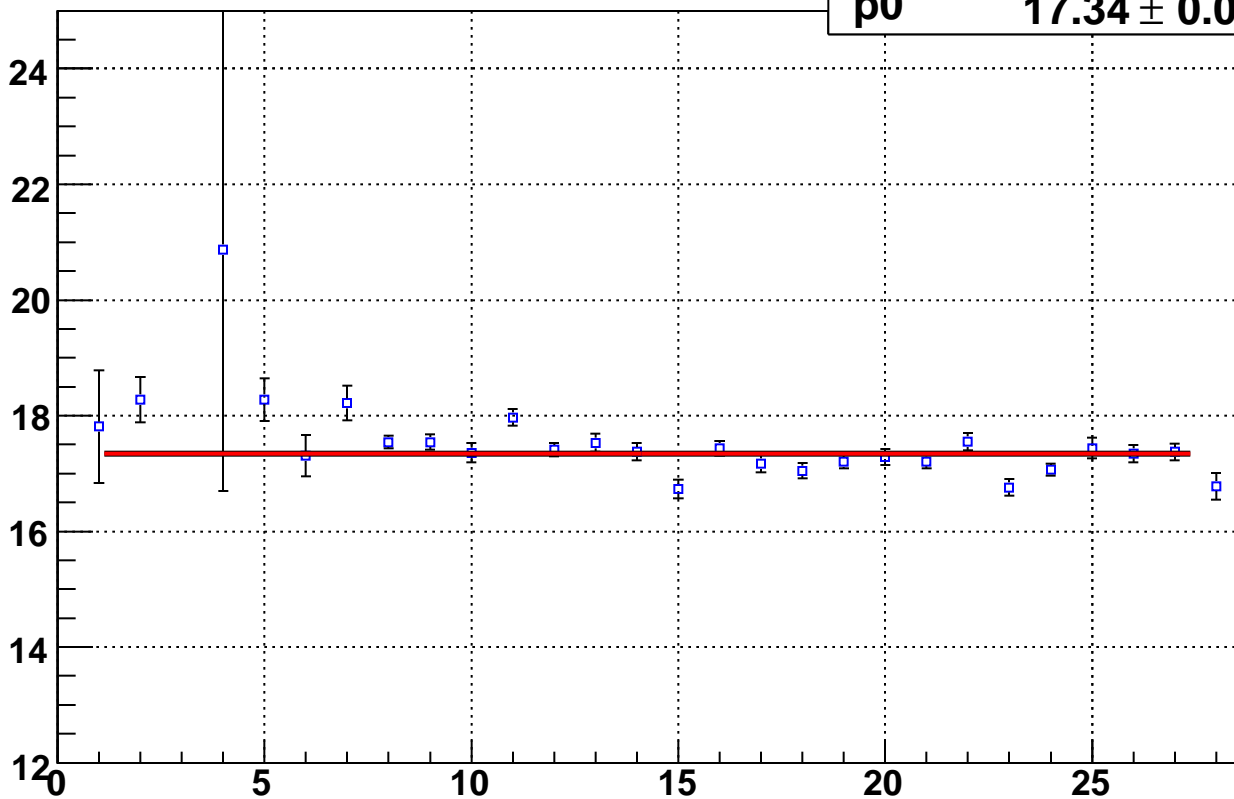
χ^2 / ndf

98.7 / 26

p0

17.34 ± 0.02994

mip Position



"Fill Time"

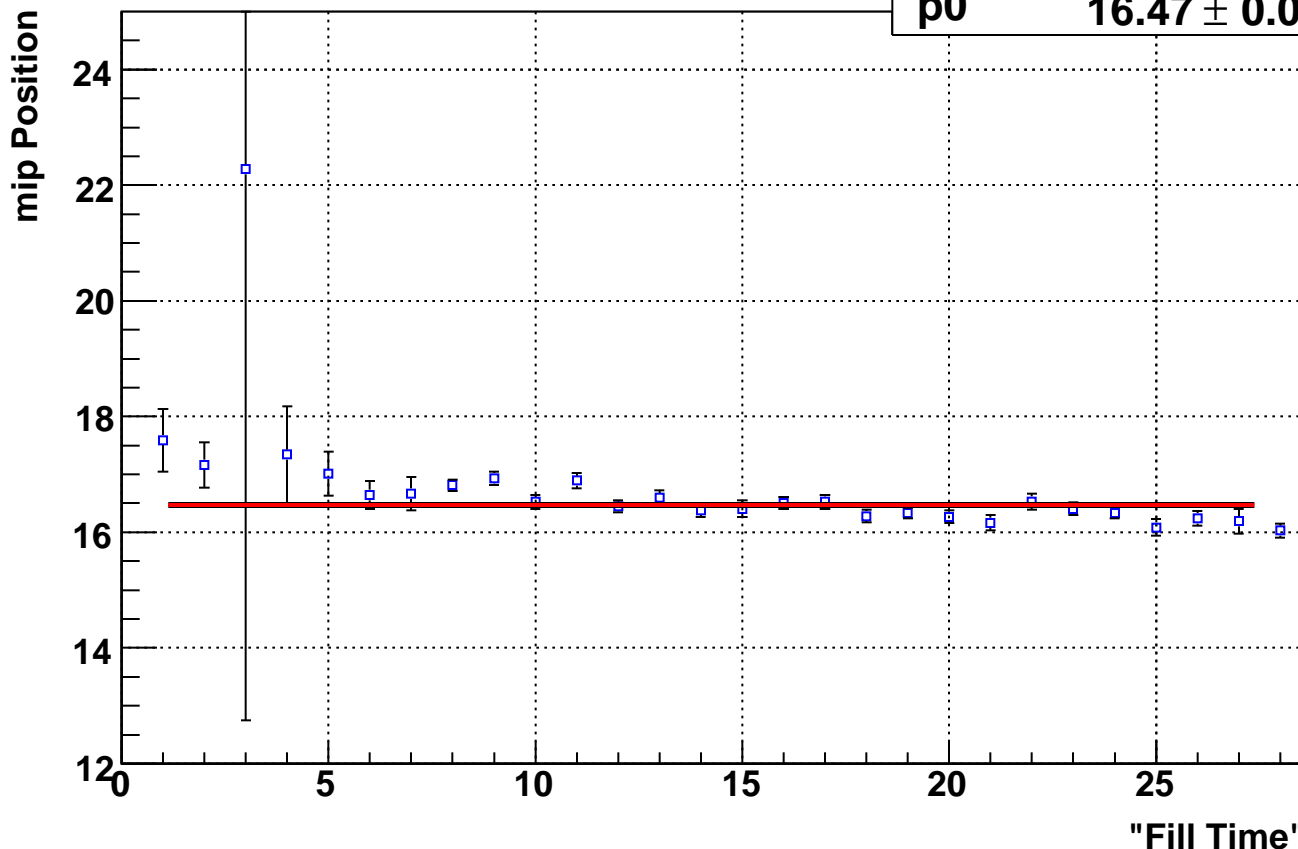
Eta Bin 3 mip Positions Vs. Time (rebinned b

χ^2 / ndf

81.05 / 26

p0

16.47 ± 0.02584



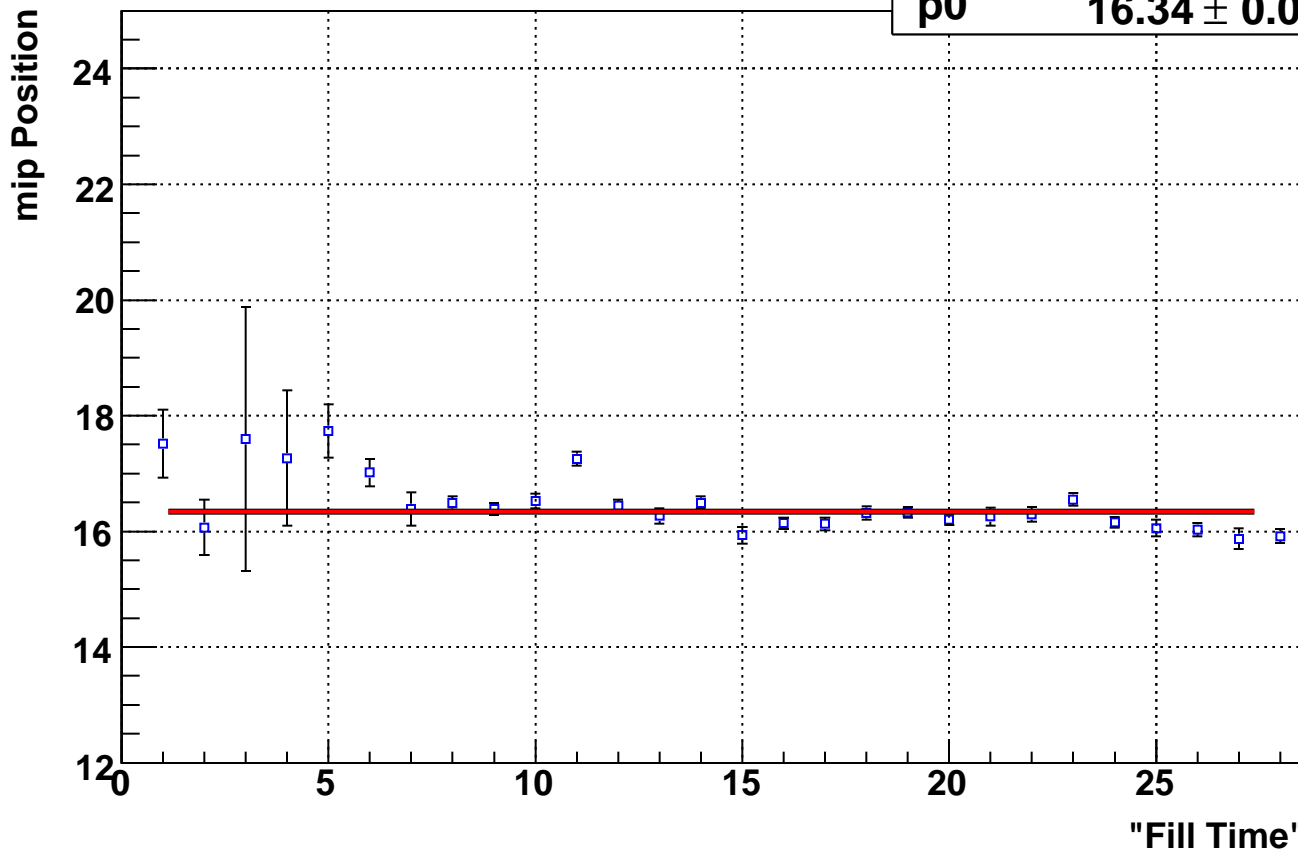
Eta Bin 4 mip Positions Vs. Time (rebinned b

χ^2 / ndf

131 / 26

p0

16.34 ± 0.02507



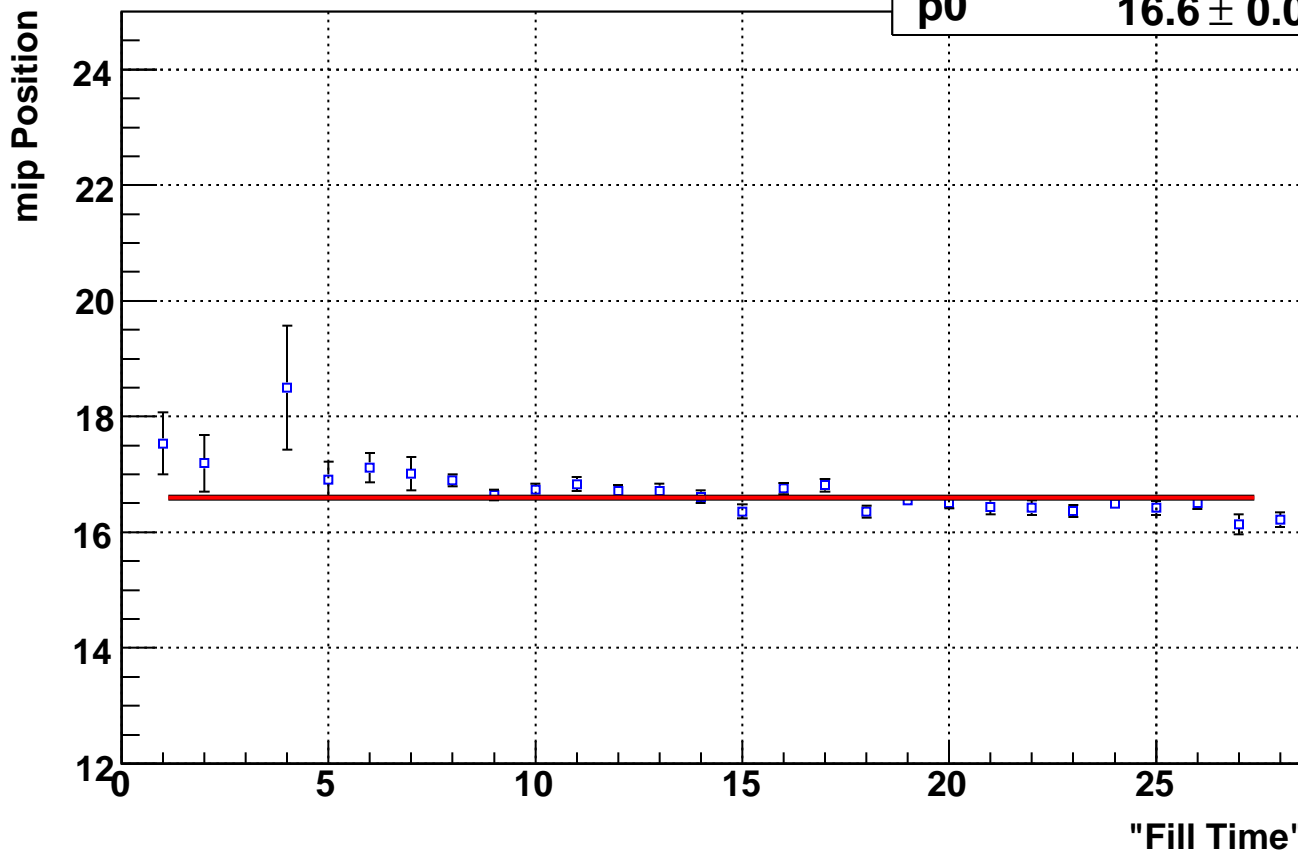
Eta Bin 5 mip Positions Vs. Time (rebinned b

χ^2 / ndf

70.46 / 26

p0

16.6 ± 0.02351



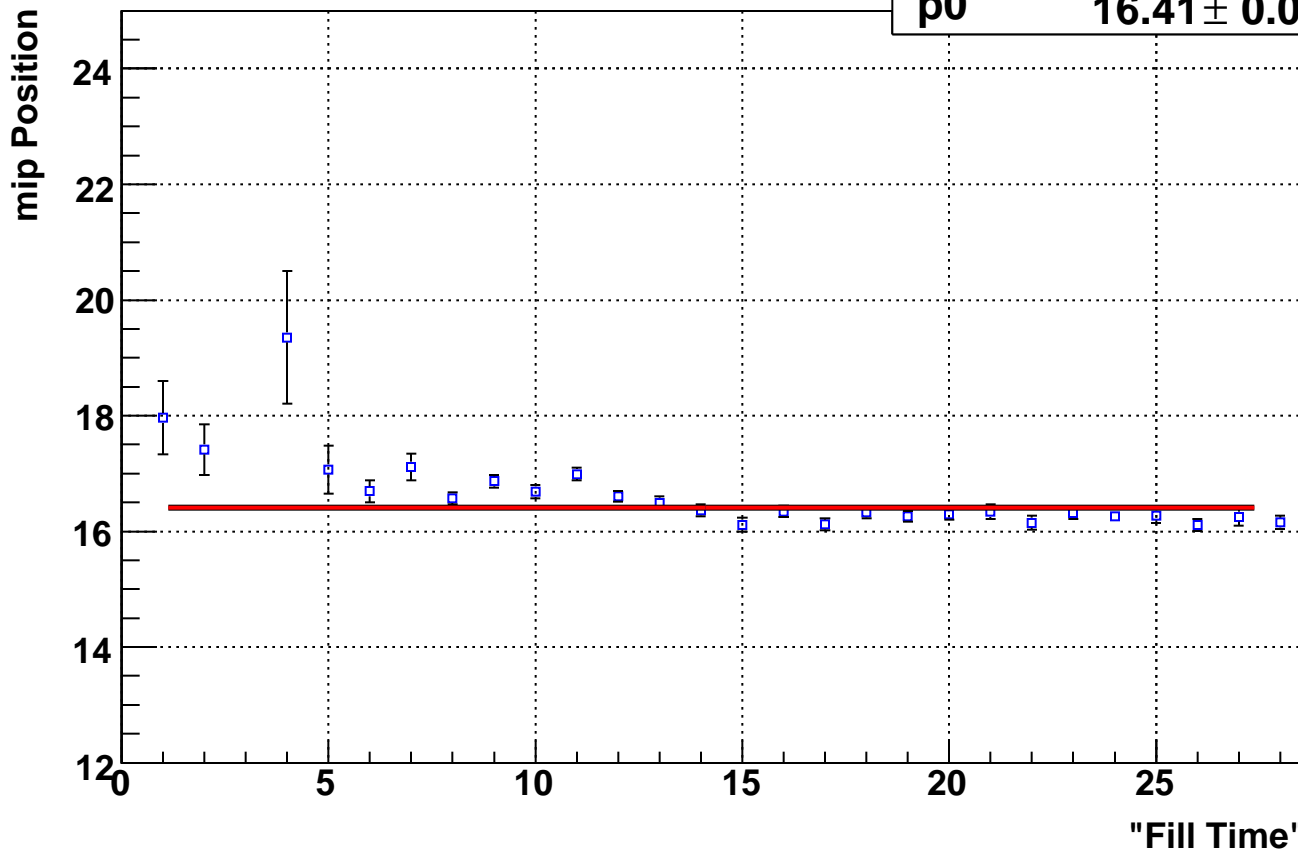
Eta Bin 6 mip Positions Vs. Time (rebinned b

χ^2 / ndf

128.4 / 26

p0

16.41 ± 0.02318



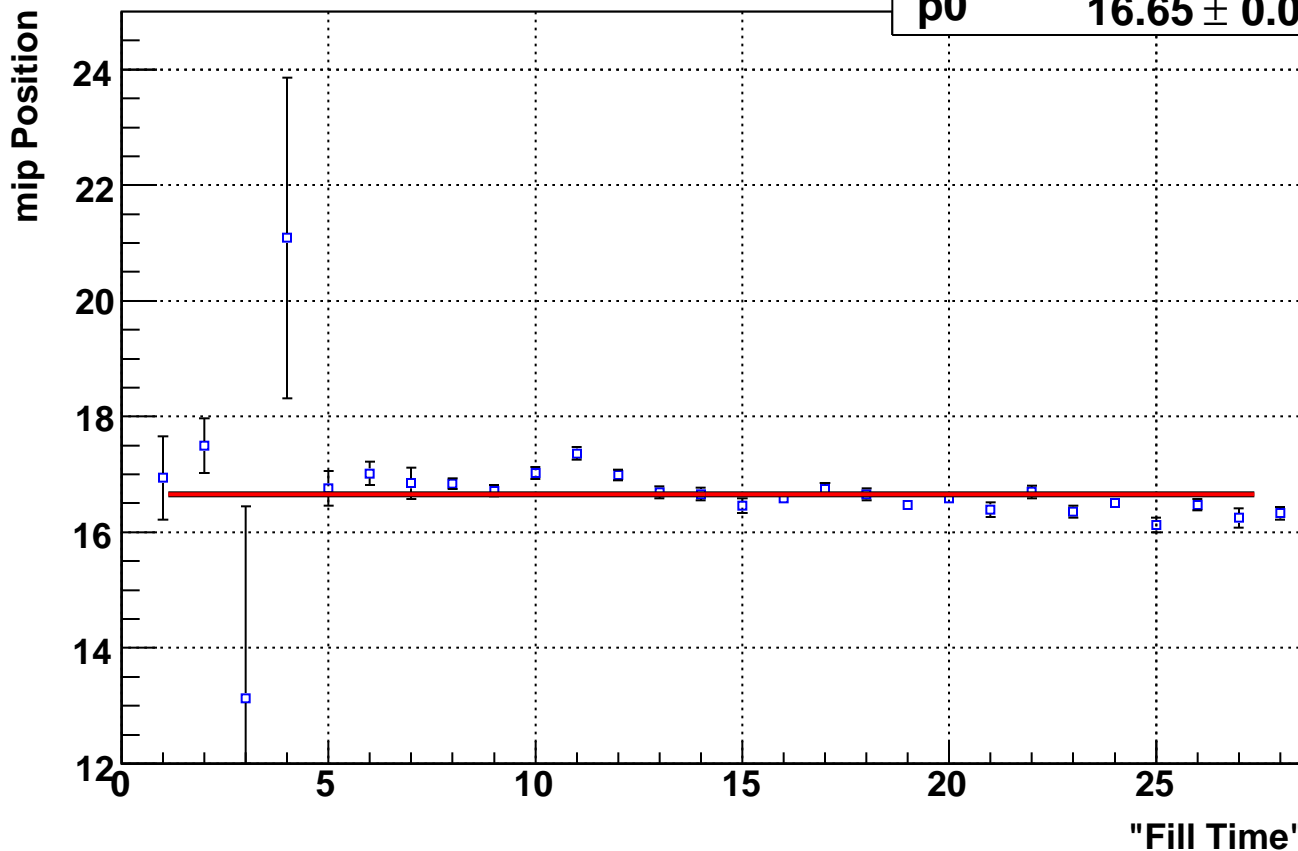
Eta Bin 7 mip Positions Vs. Time (rebinned b

χ^2 / ndf

136.3 / 26

p0

16.65 ± 0.02234



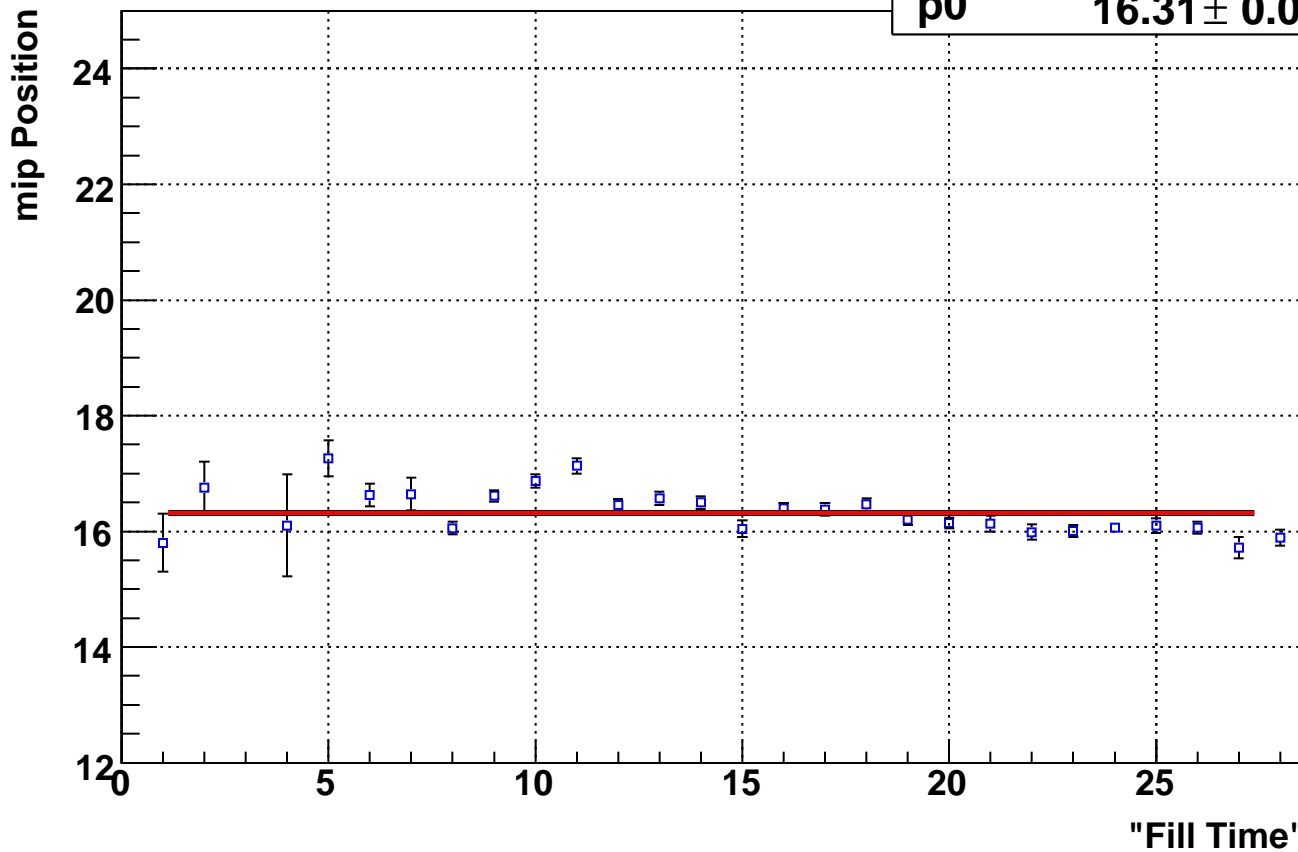
Eta Bin 8 mip Positions Vs. Time (rebinned b

χ^2 / ndf

158.2 / 26

p0

16.31 ± 0.02424



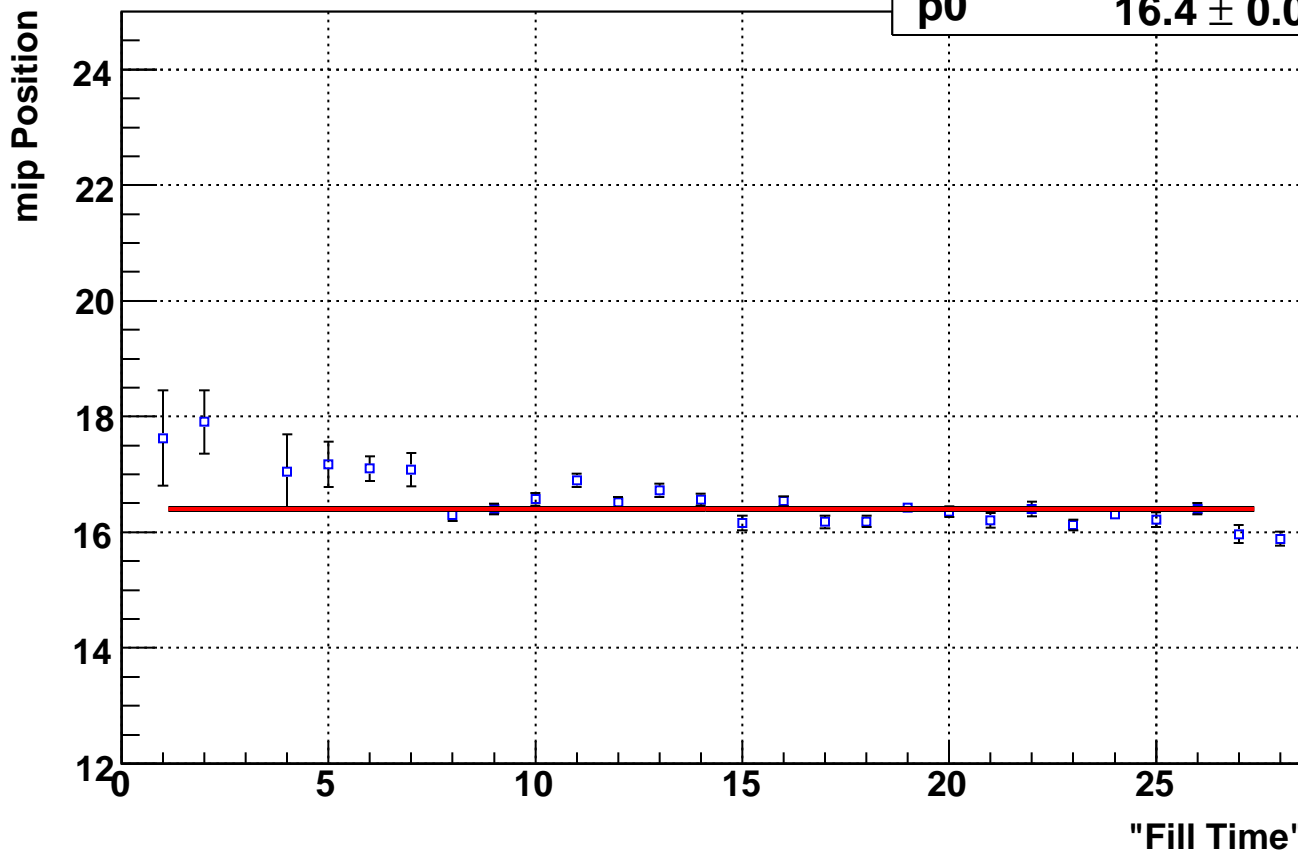
Eta Bin 9 mip Positions Vs. Time (rebinned b

χ^2 / ndf

104 / 26

p0

16.4 ± 0.02271



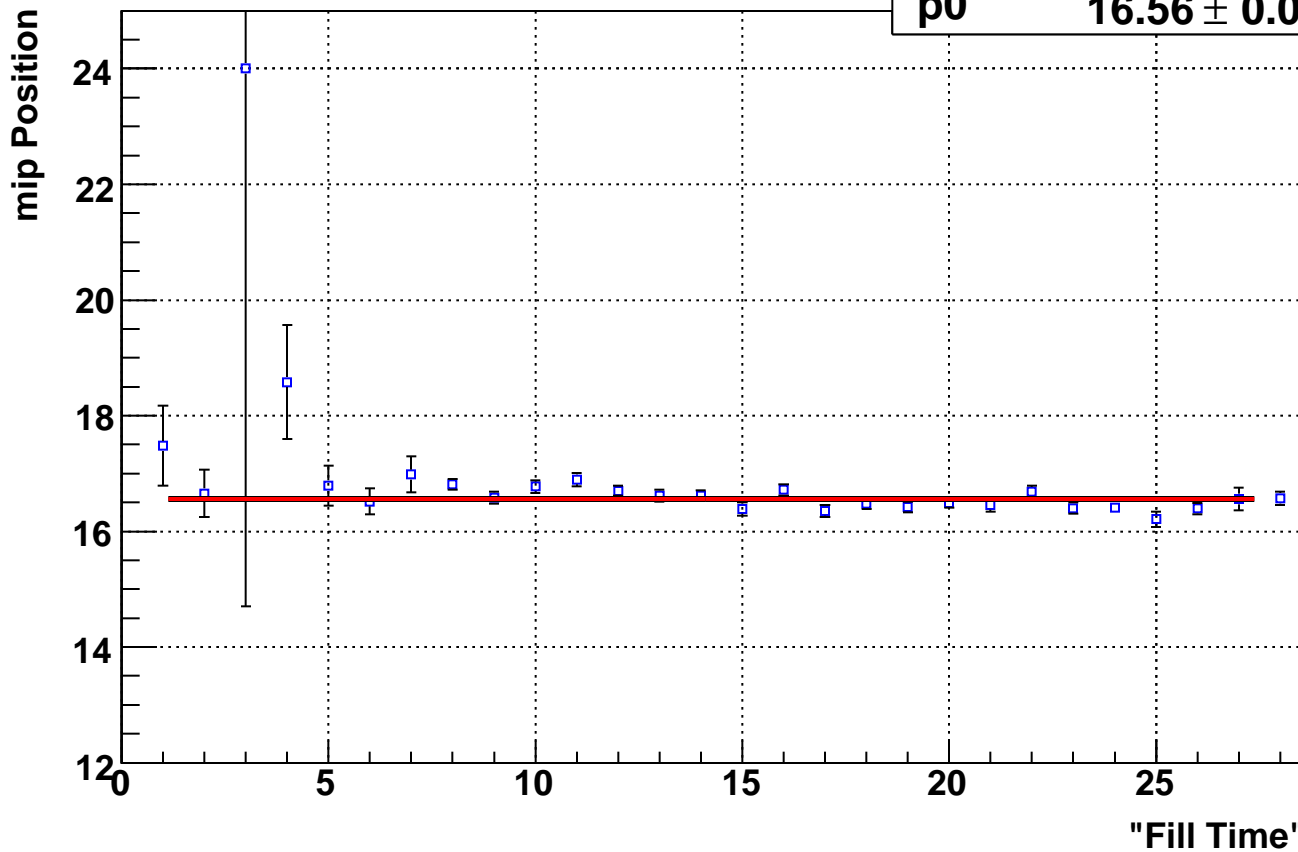
Eta Bin 10 mip Positions Vs. Time (rebinned b

χ^2 / ndf

62.73 / 26

p0

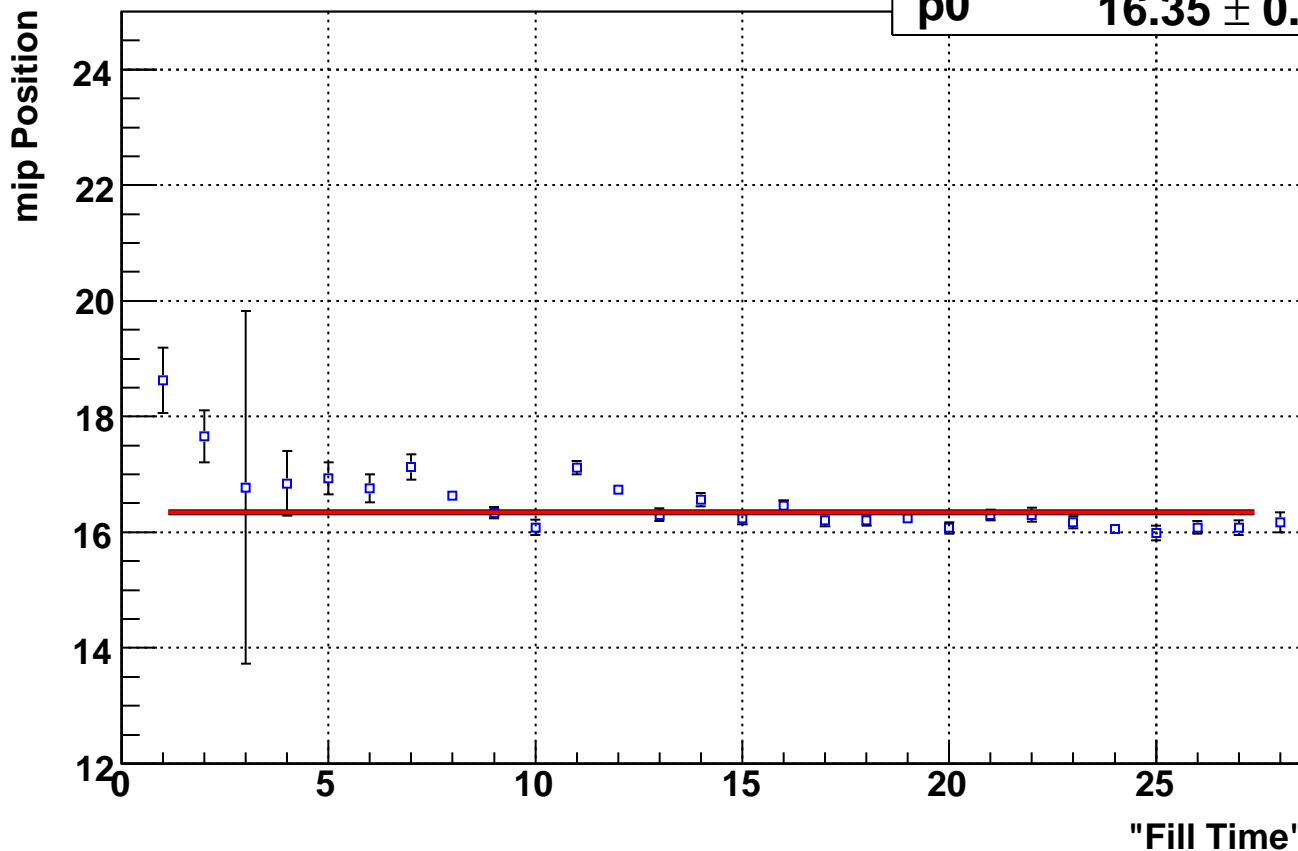
16.56 ± 0.02234



Eta Bin 11 mip Positions Vs. Time (rebinned)

χ^2 / ndf 181.5 / 26

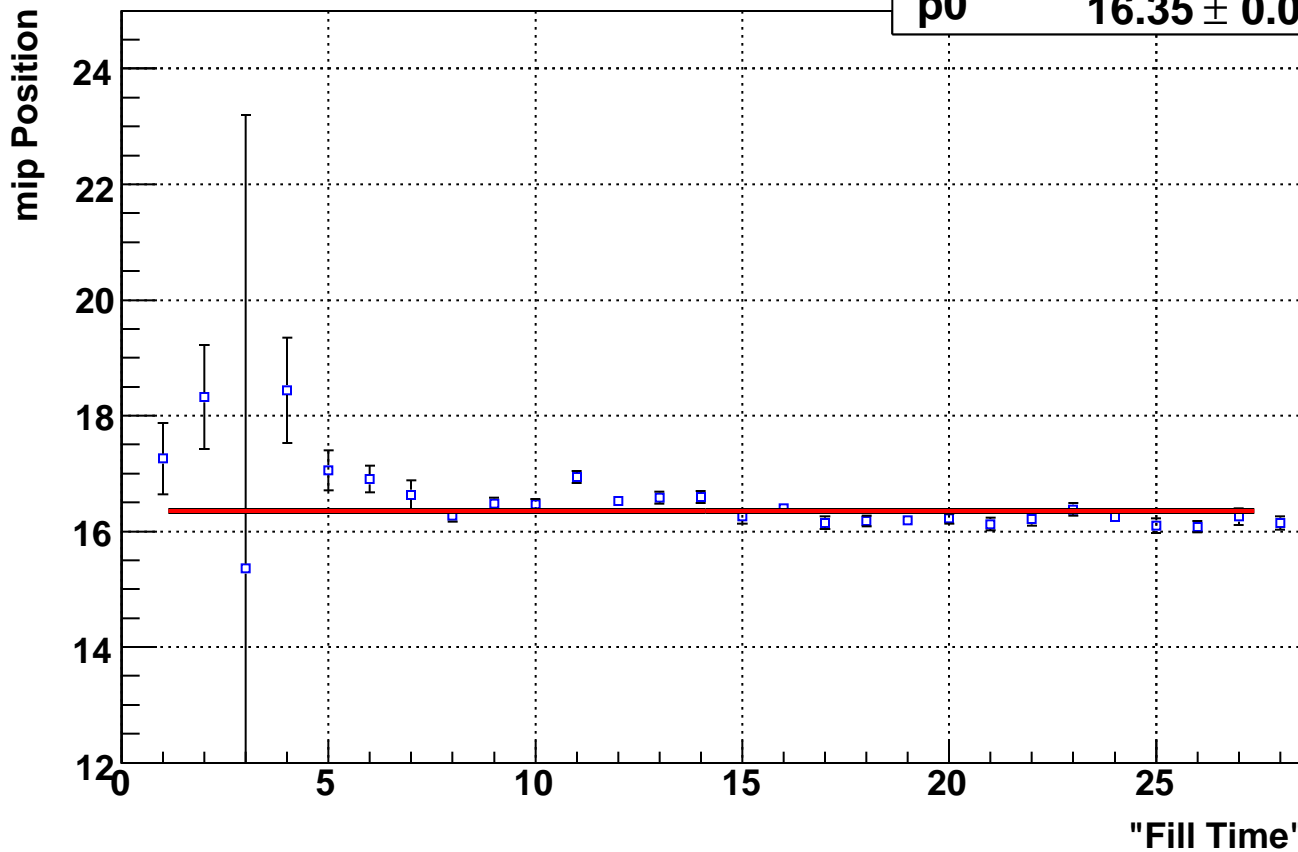
p_0 16.35 ± 0.0221



Eta Bin 12 mip Positions Vs. Time (rebinned)

χ^2 / ndf 105.1 / 26

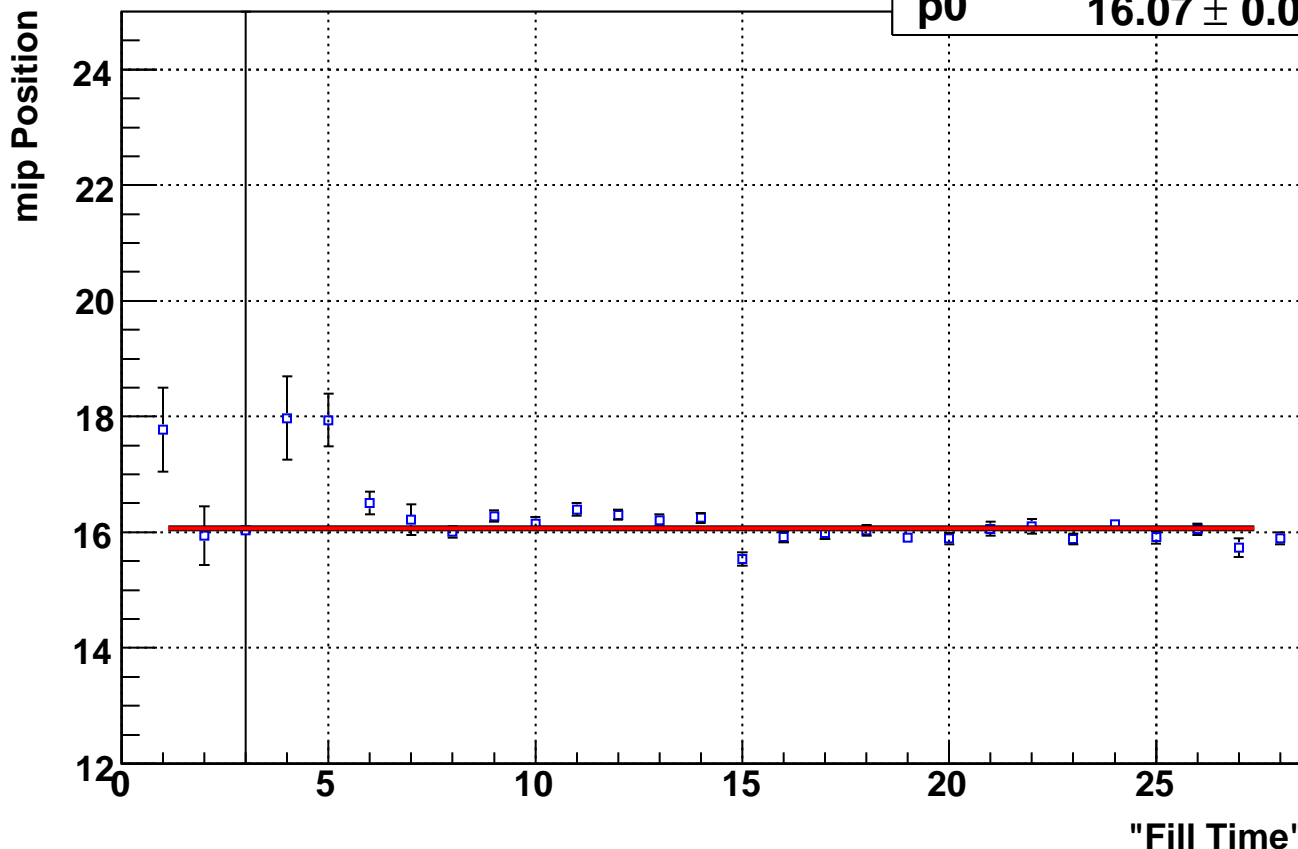
p_0 16.35 ± 0.02218



Eta Bin 13 mip Positions Vs. Time (rebinned)

χ^2 / ndf 103.9 / 26

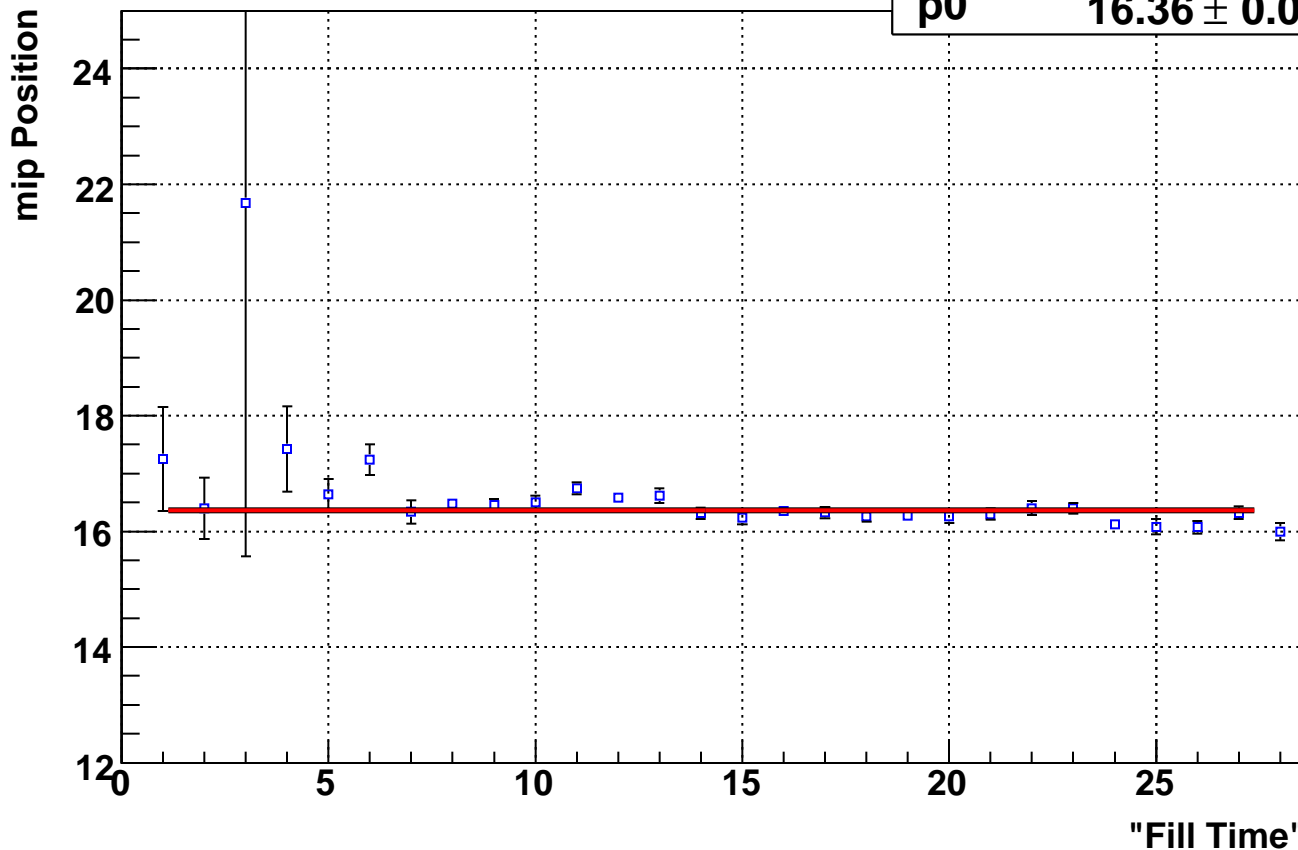
p_0 16.07 ± 0.02206



Eta Bin 14 mip Positions Vs. Time (rebinned)

χ^2 / ndf 70.74 / 26

p_0 16.36 ± 0.02192



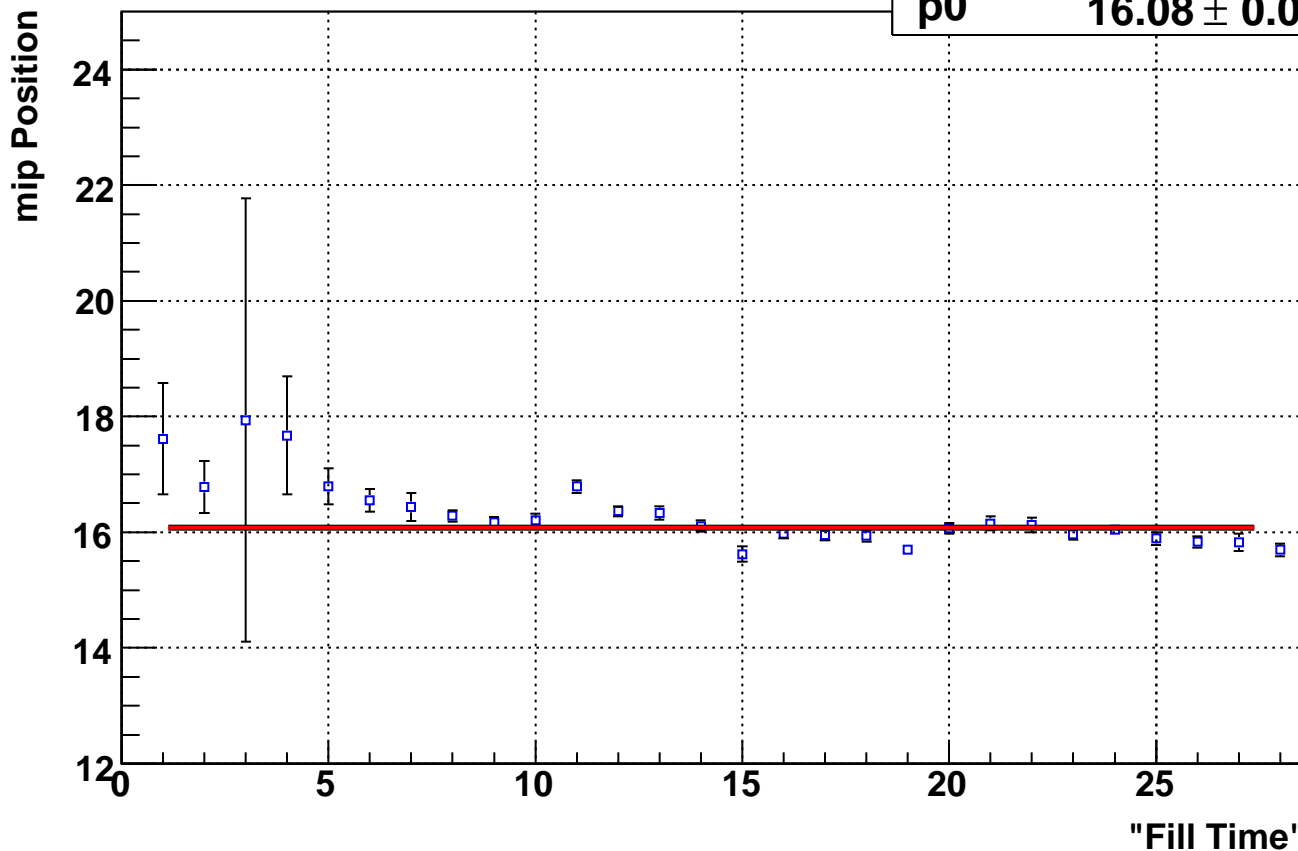
Eta Bin 15 mip Positions Vs. Time (rebinned)

χ^2 / ndf

139.3 / 26

p0

16.08 ± 0.02208



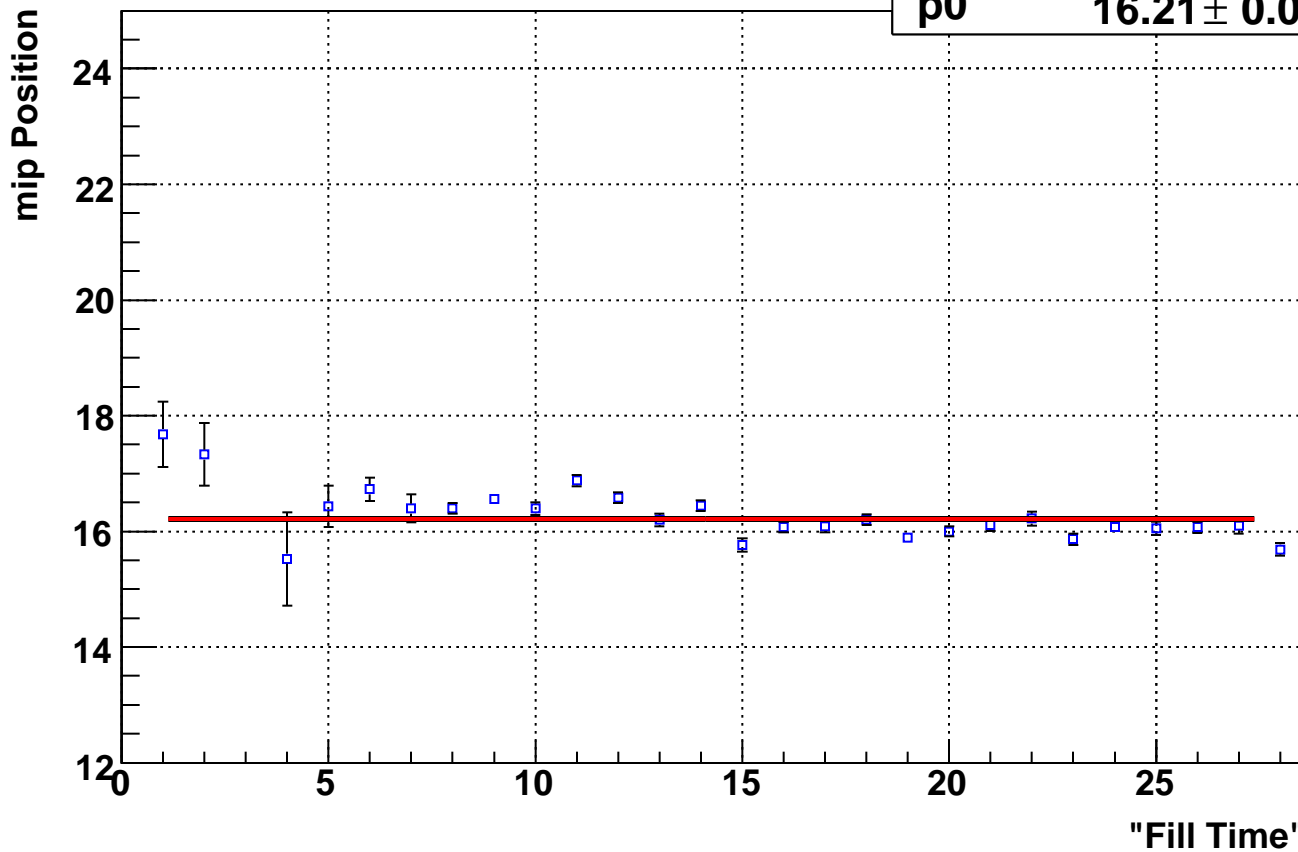
Eta Bin 16 mip Positions Vs. Time (rebinned)

χ^2 / ndf

171.9 / 26

p0

16.21 ± 0.02154



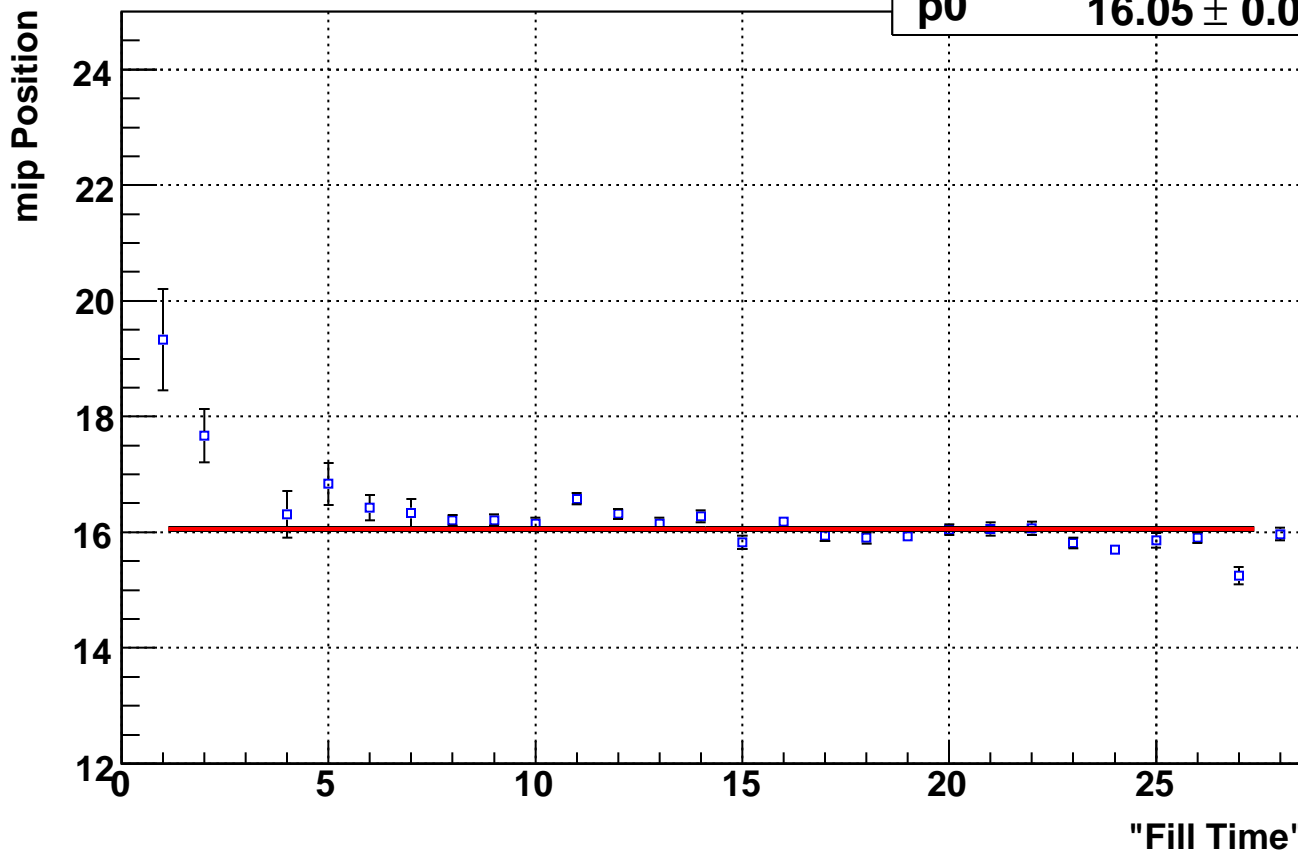
Eta Bin 17 mip Positions Vs. Time (rebinned)

χ^2 / ndf

158.3 / 26

p0

16.05 ± 0.02152



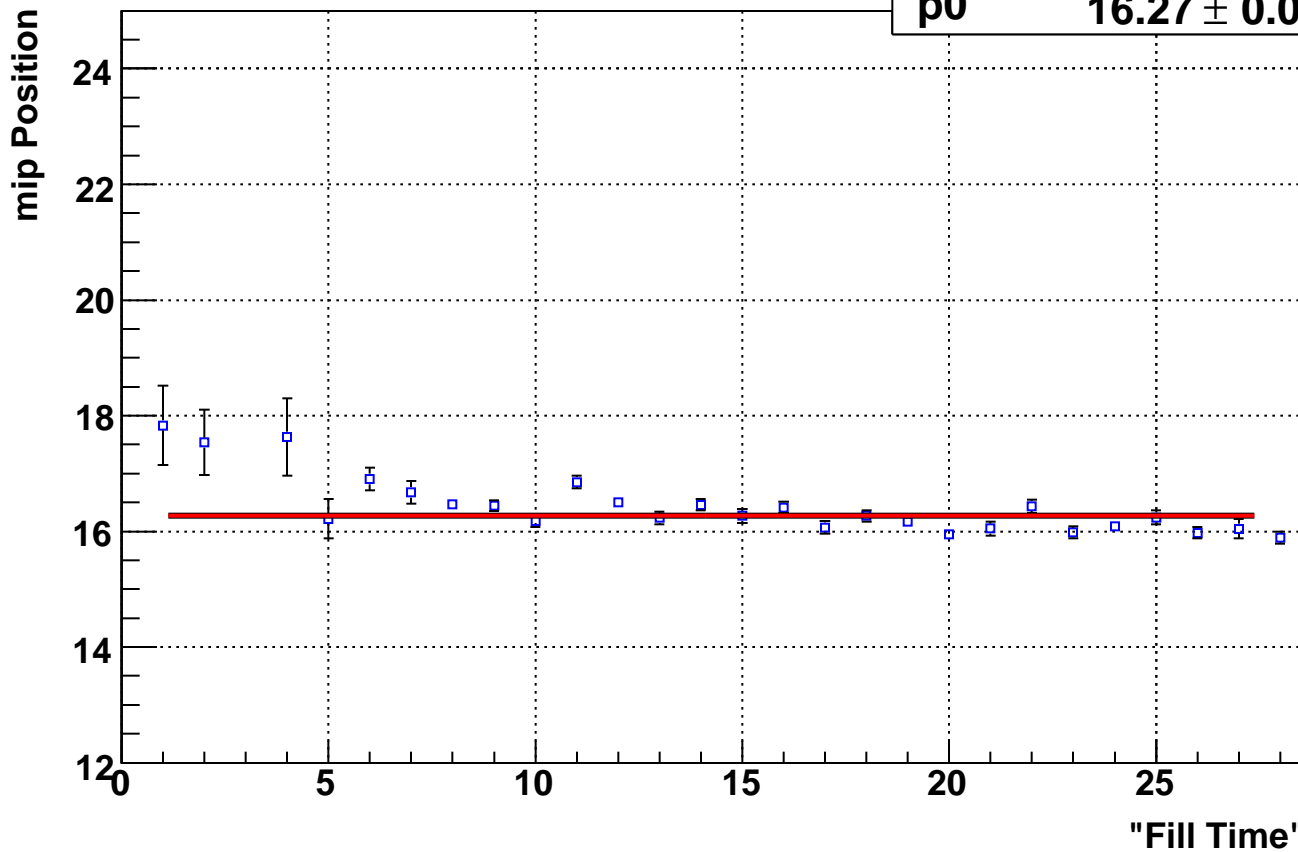
Eta Bin 18 mip Positions Vs. Time (rebinned)

χ^2 / ndf

132.3 / 26

p0

16.27 ± 0.02168



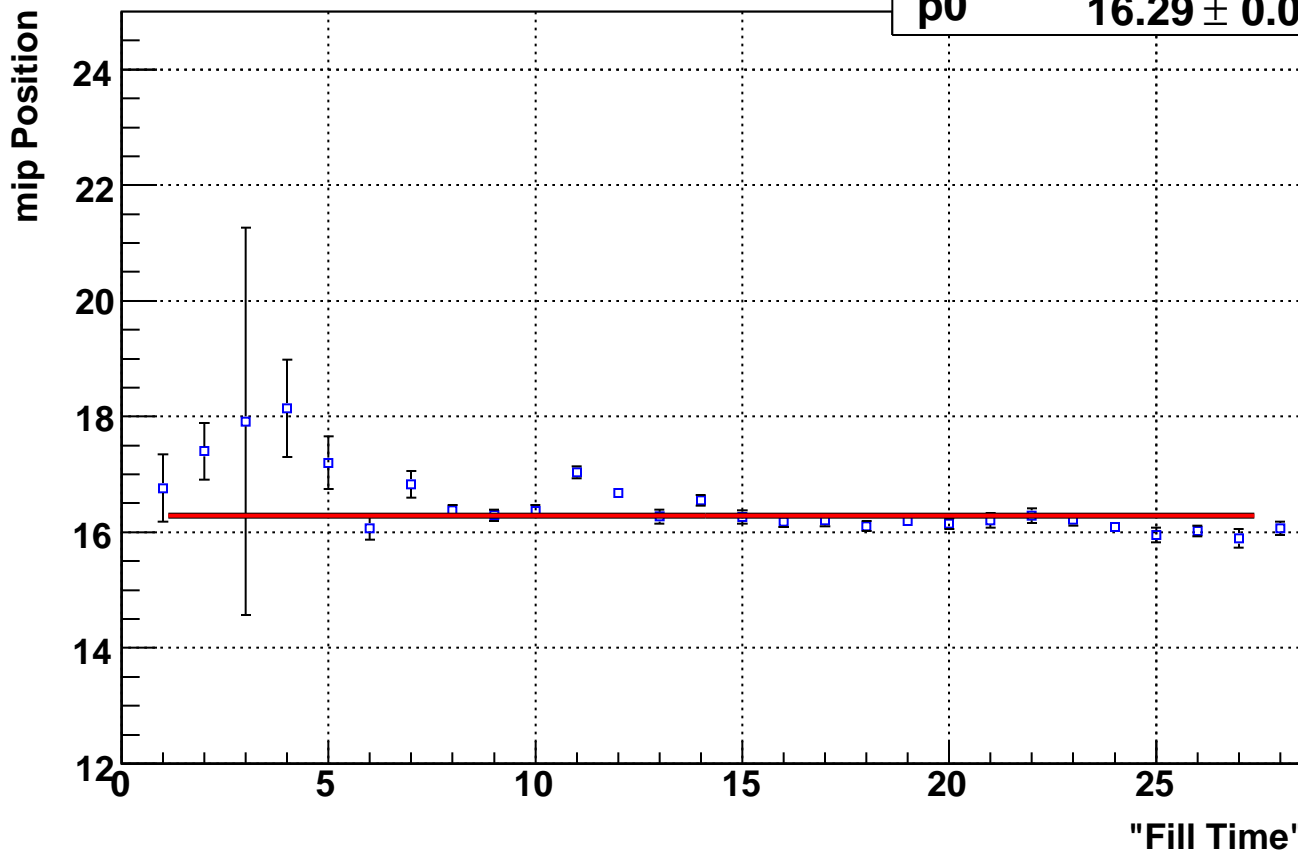
Eta Bin 19 mip Positions Vs. Time (rebinned)

χ^2 / ndf

139.4 / 26

p0

16.29 ± 0.02183



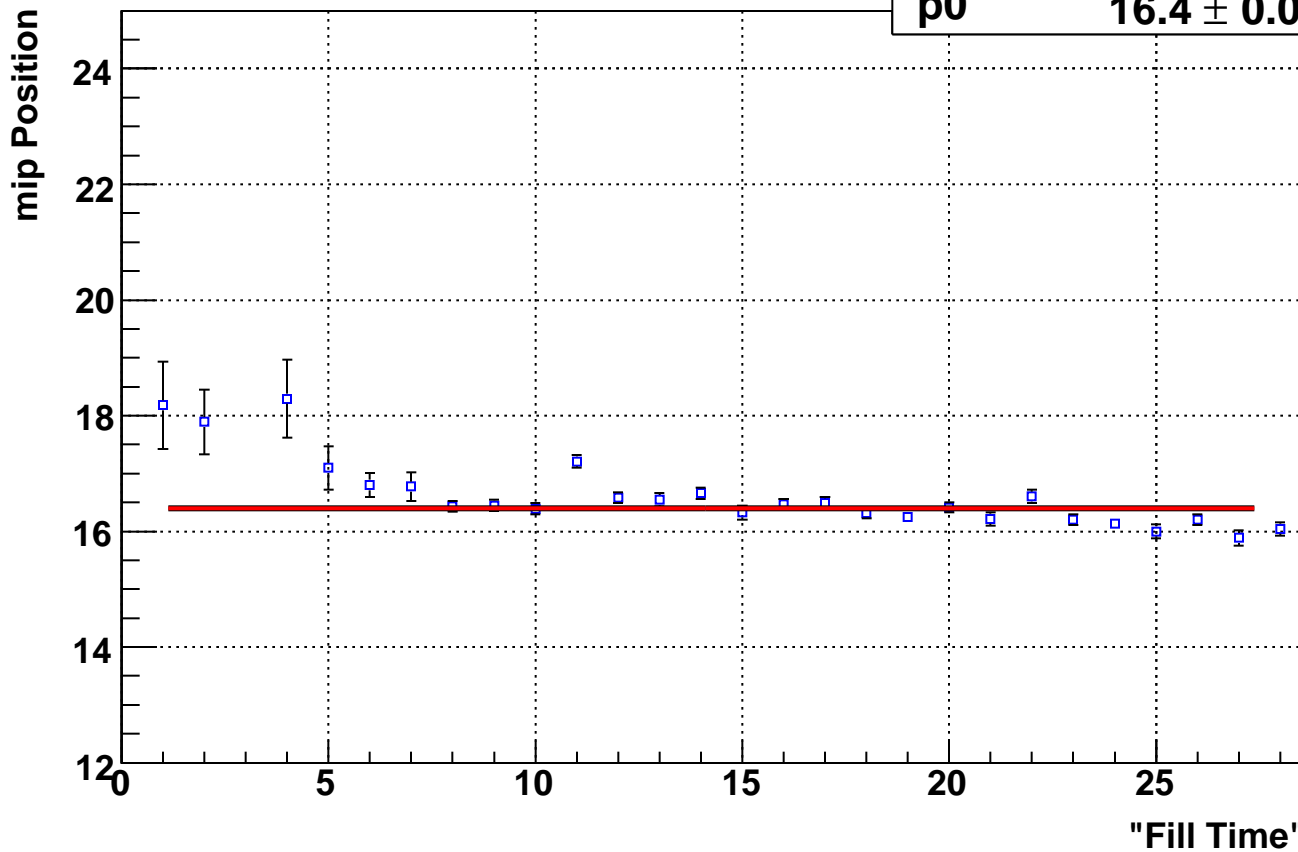
Eta Bin 20 mip Positions Vs. Time (rebinned)

χ^2 / ndf

158 / 26

p0

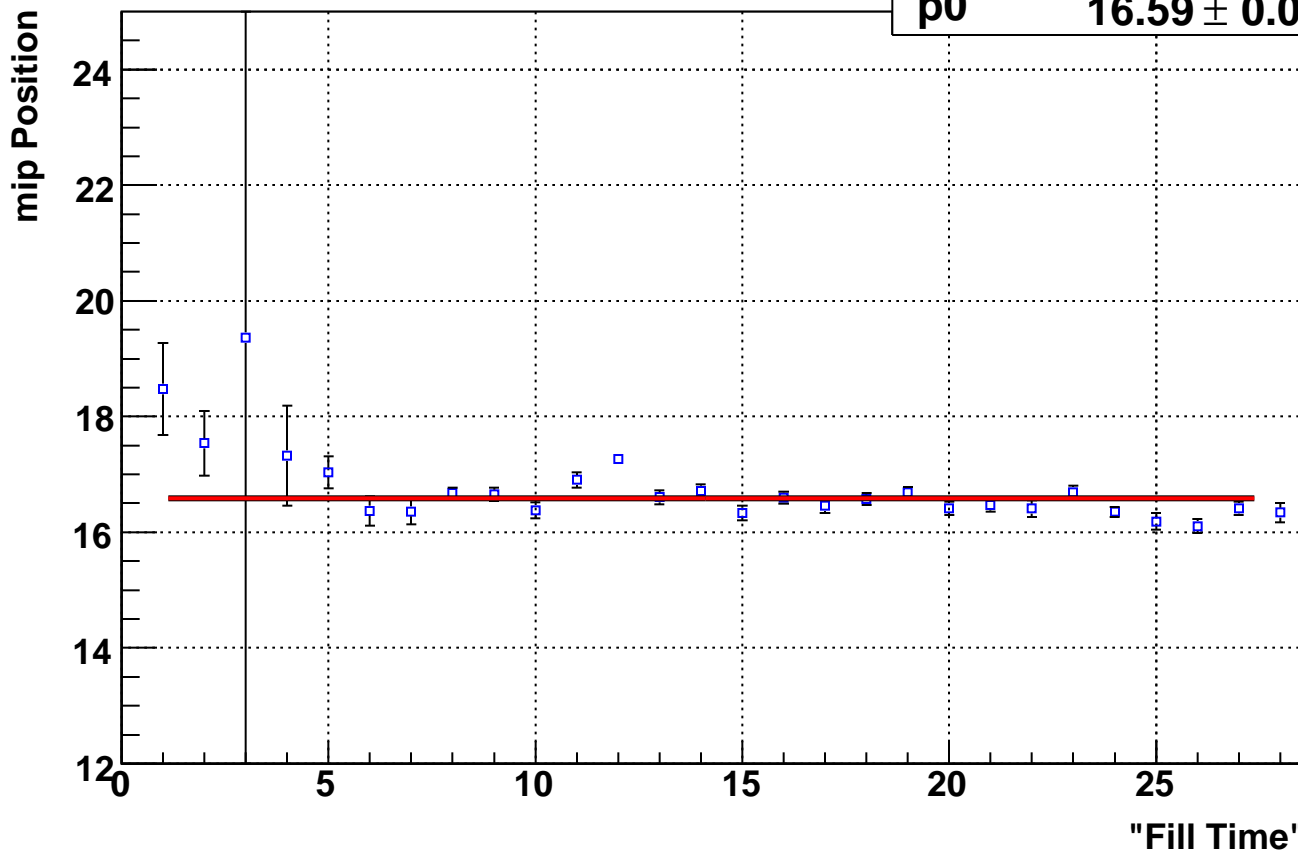
16.4 ± 0.02175



Eta Bin 21 mip Positions Vs. Time (rebinned)

χ^2 / ndf 131.9 / 26

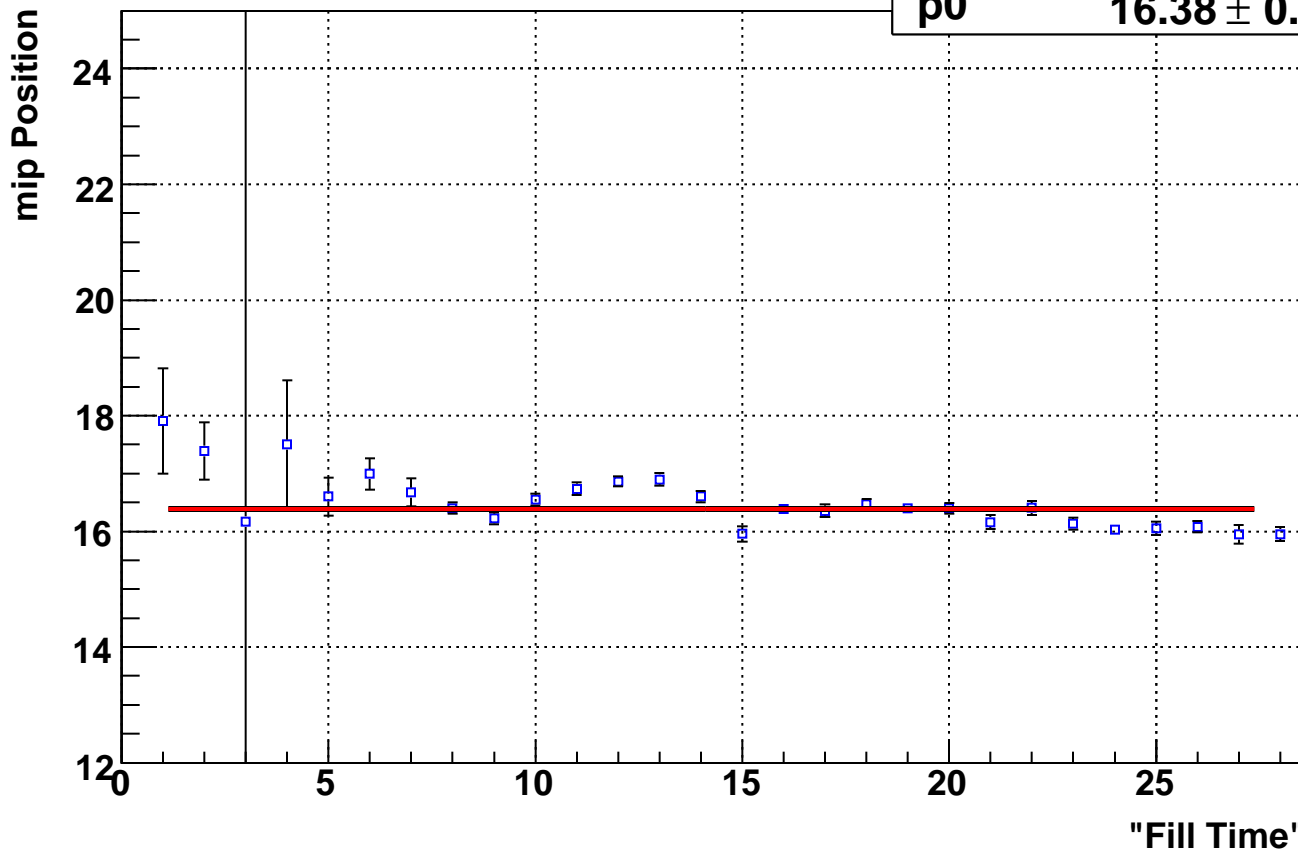
p_0 16.59 ± 0.02437



Eta Bin 22 mip Positions Vs. Time (rebinned)

χ^2 / ndf 150.2 / 26

p_0 16.38 ± 0.0225



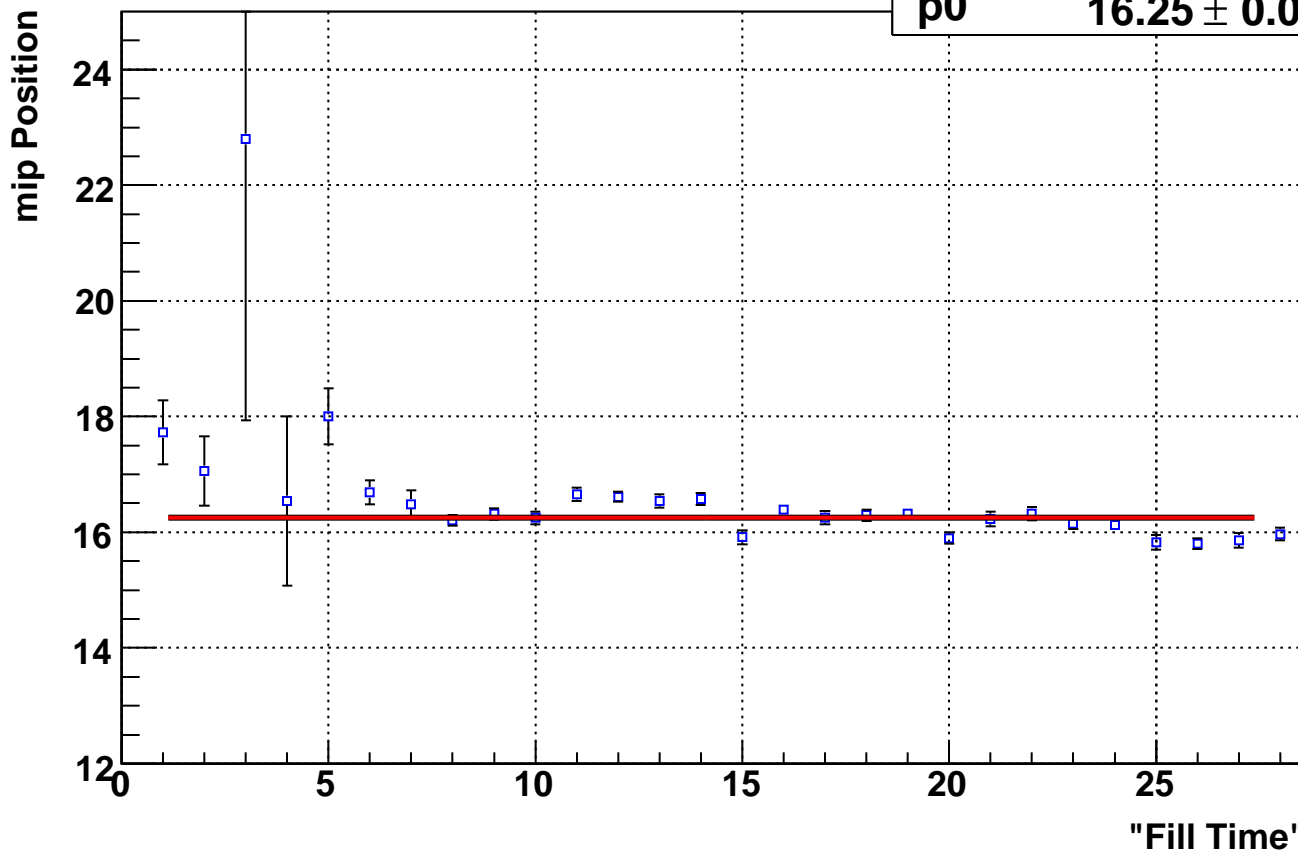
Eta Bin 23 mip Positions Vs. Time (rebinned)

χ^2 / ndf

146.3 / 26

p0

16.25 ± 0.02233



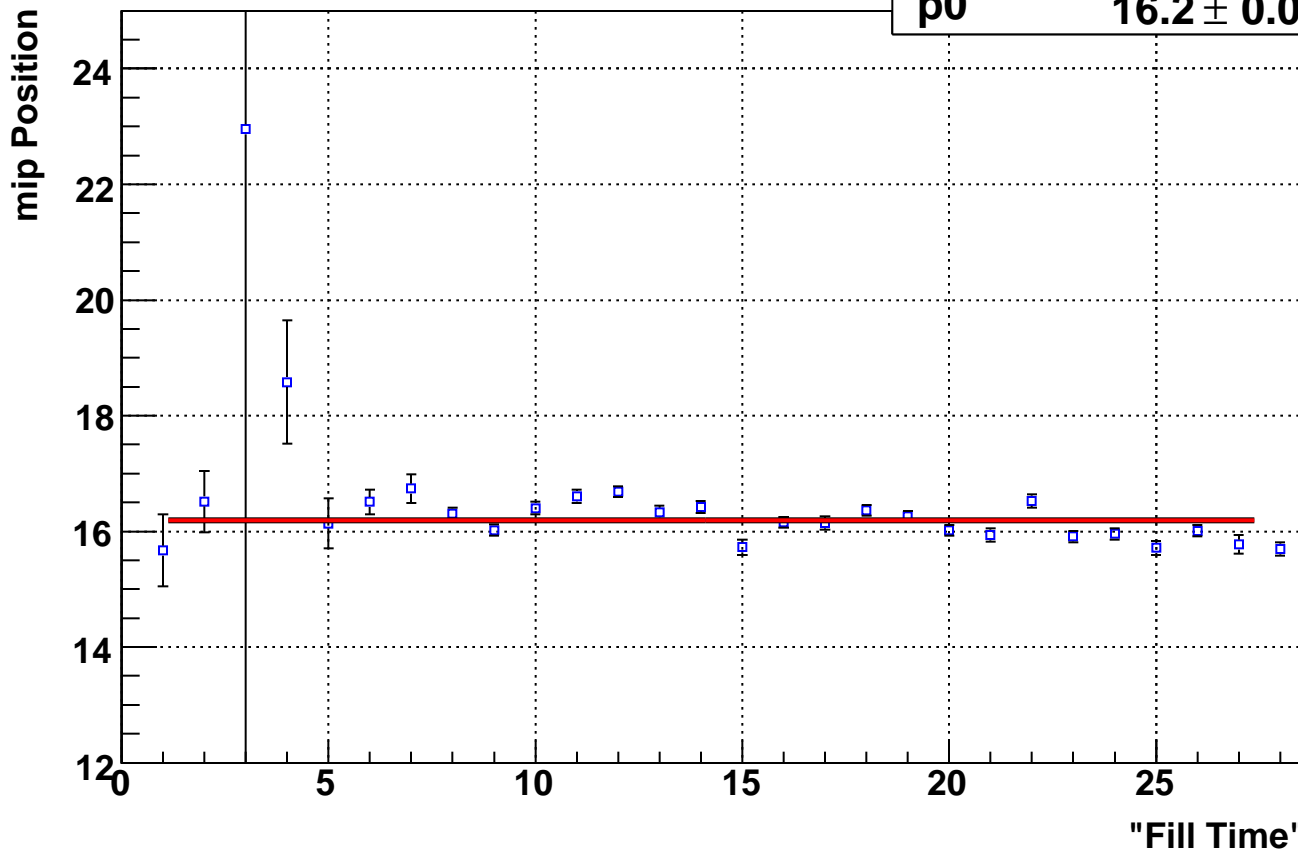
Eta Bin 24 mip Positions Vs. Time (rebinned)

χ^2 / ndf

143.7 / 26

p0

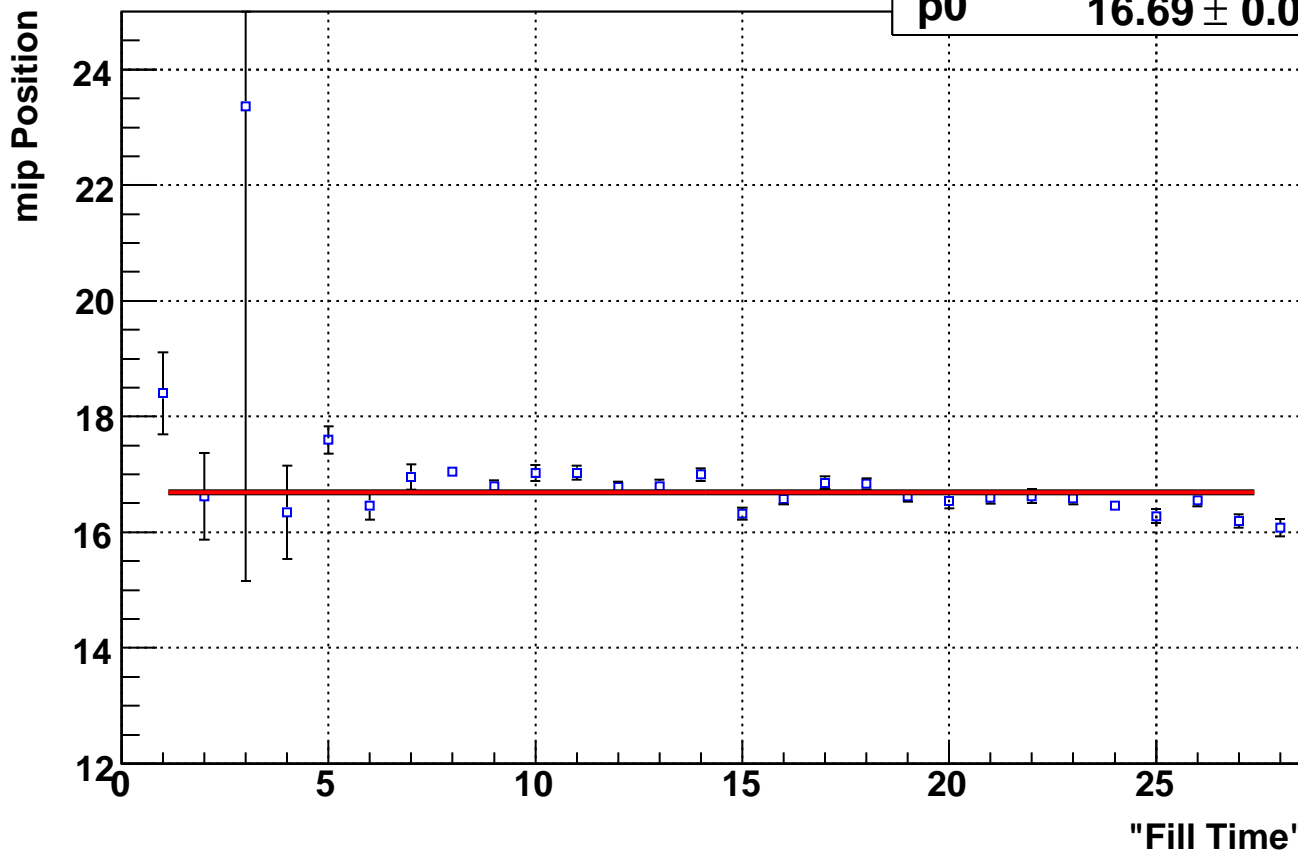
16.2 ± 0.02317



Eta Bin 25 mip Positions Vs. Time (rebinned)

χ^2 / ndf 126.7 / 26

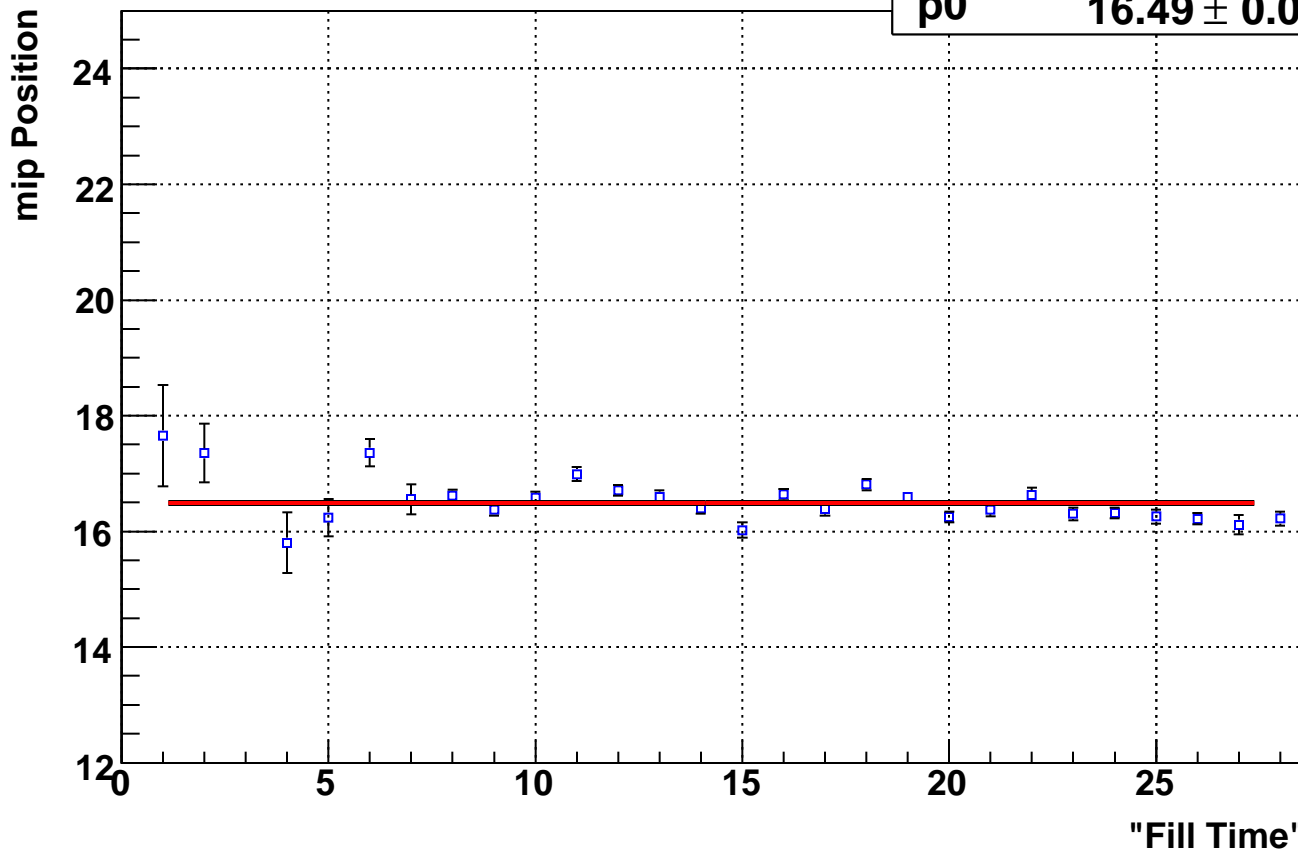
p_0 16.69 ± 0.02298



Eta Bin 26 mip Positions Vs. Time (rebinned)

χ^2 / ndf 110.8 / 26

p_0 16.49 ± 0.02315



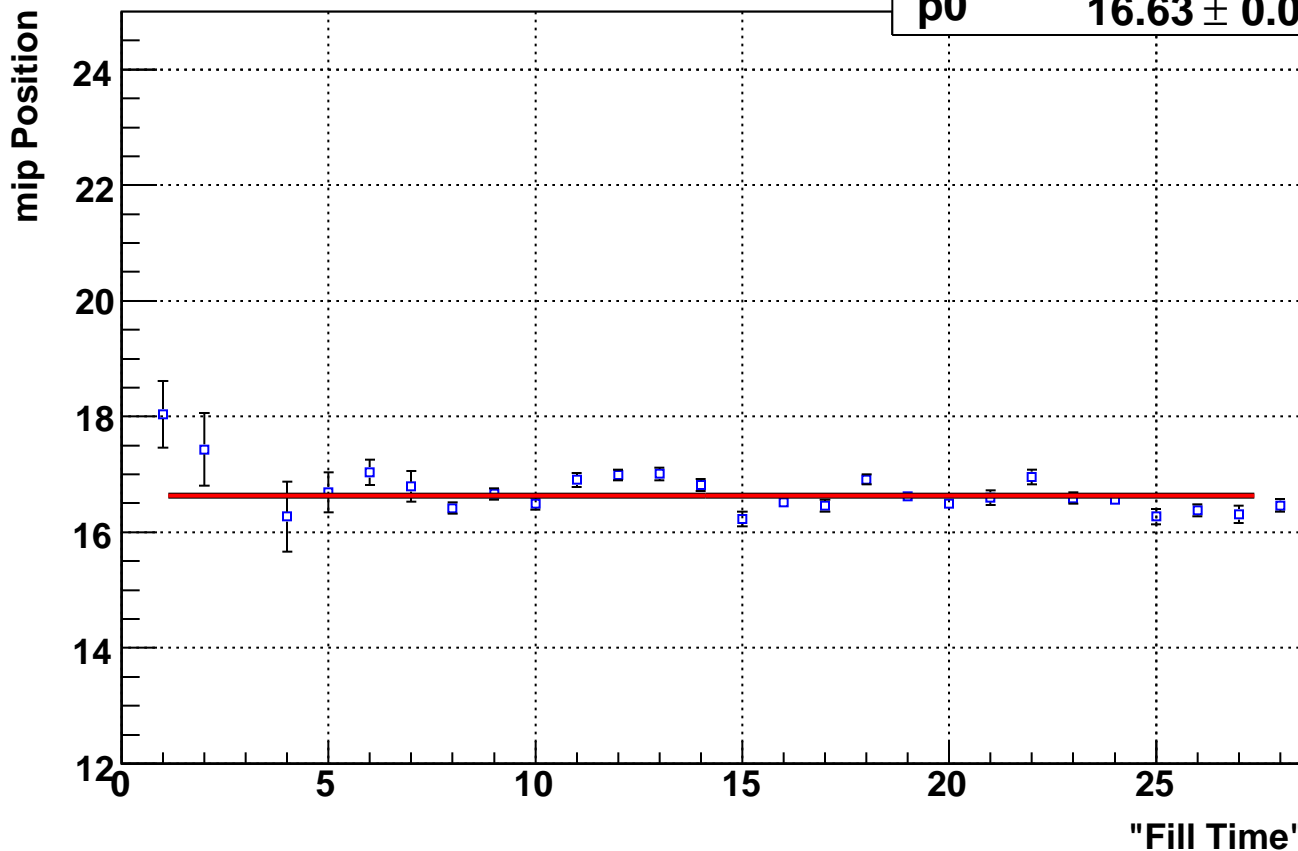
Eta Bin 27 mip Positions Vs. Time (rebinned)

χ^2 / ndf

109 / 26

p0

16.63 ± 0.02234



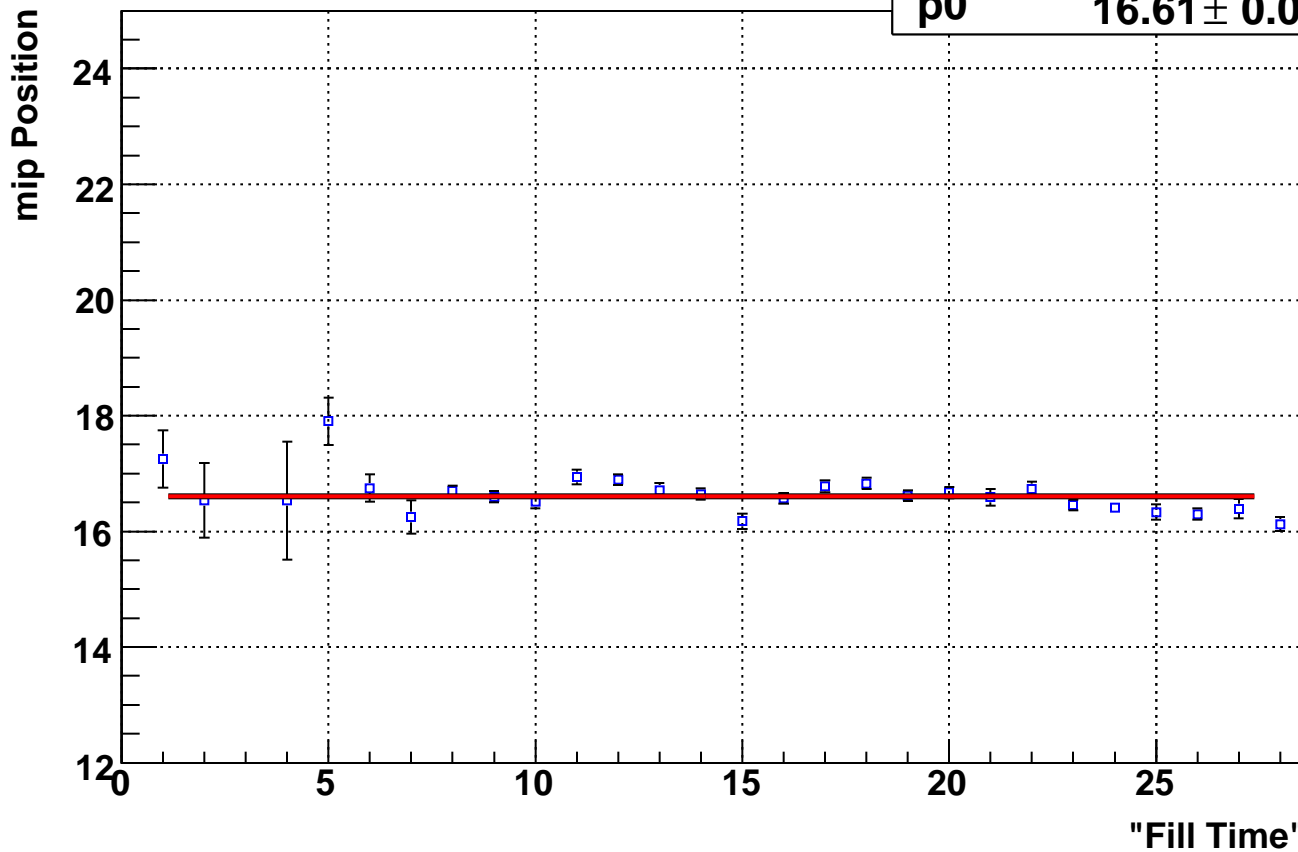
Eta Bin 28 mip Positions Vs. Time (rebinned)

χ^2 / ndf

76.22 / 26

p0

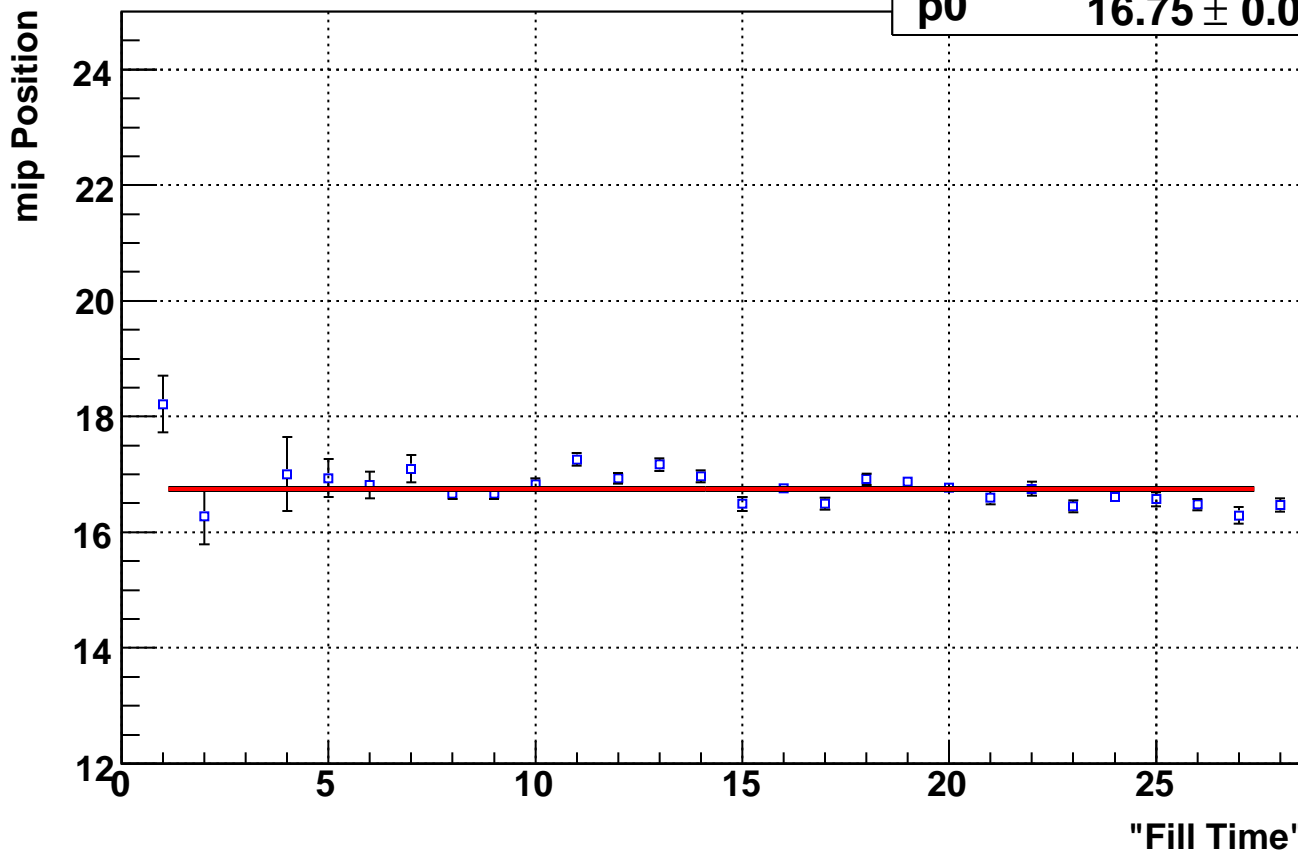
16.61 ± 0.02355



Eta Bin 29 mip Positions Vs. Time (rebinned)

χ^2 / ndf 109.1 / 26

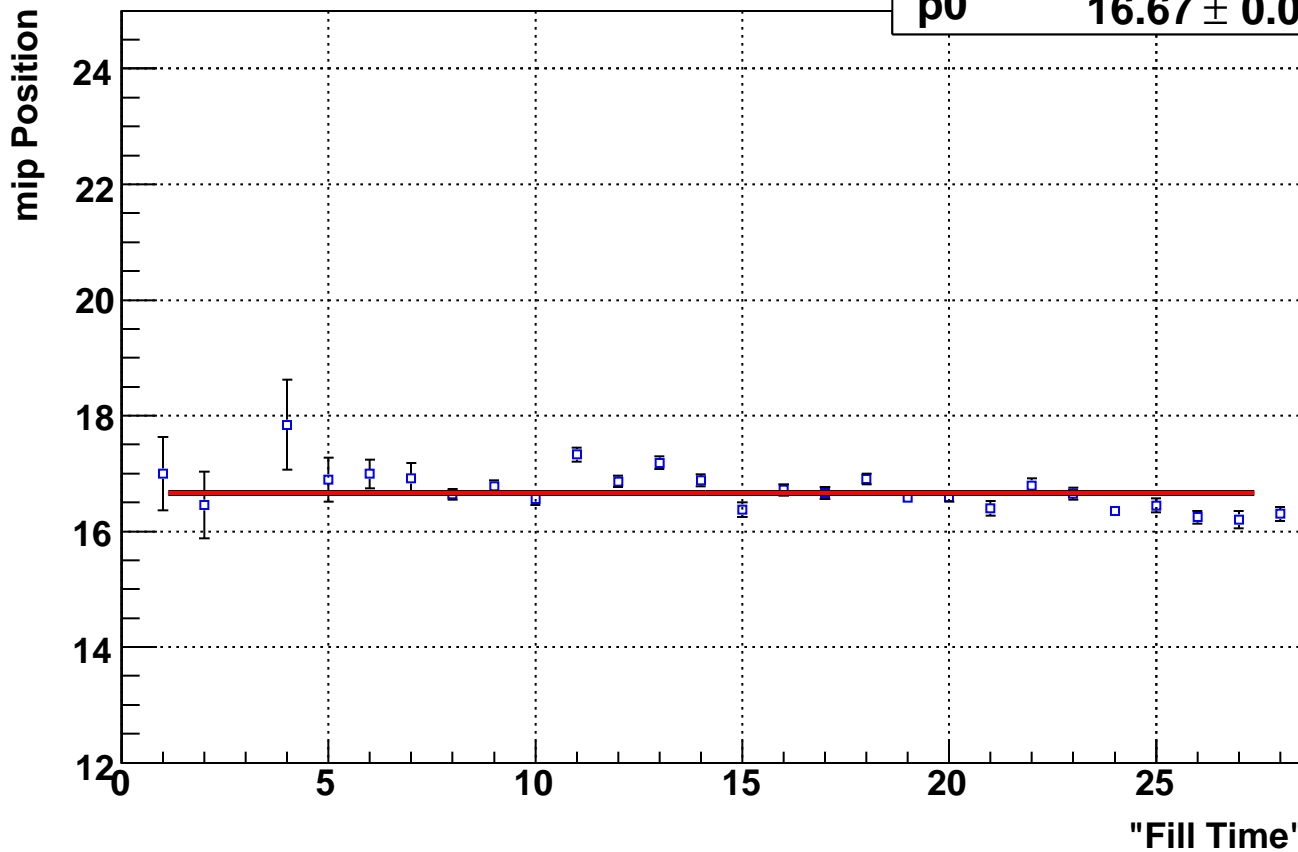
p_0 16.75 ± 0.02238



Eta Bin 30 mip Positions Vs. Time (rebinned)

χ^2 / ndf 144.1 / 26

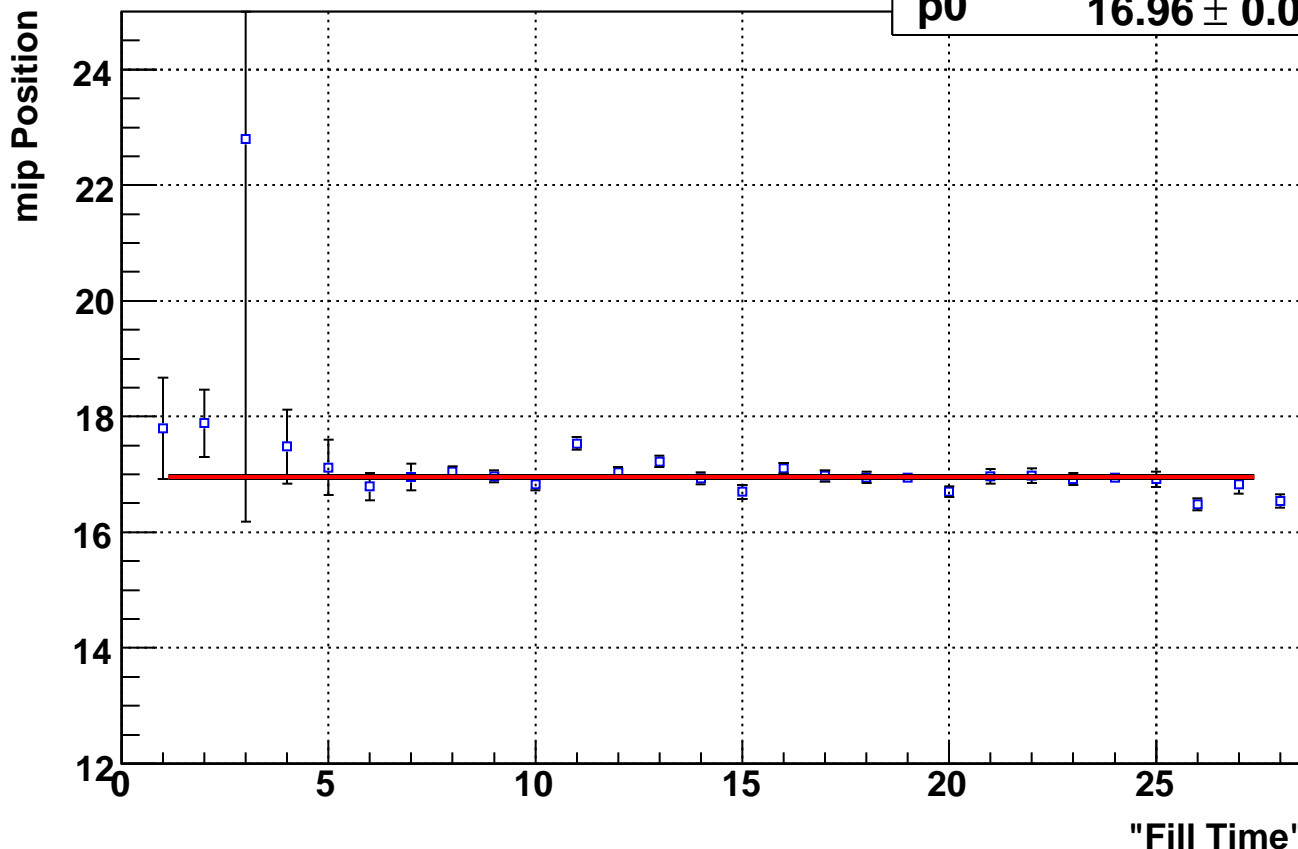
p_0 16.67 ± 0.02309



Eta Bin 31 mip Positions Vs. Time (rebinned)

χ^2 / ndf 78.31 / 26

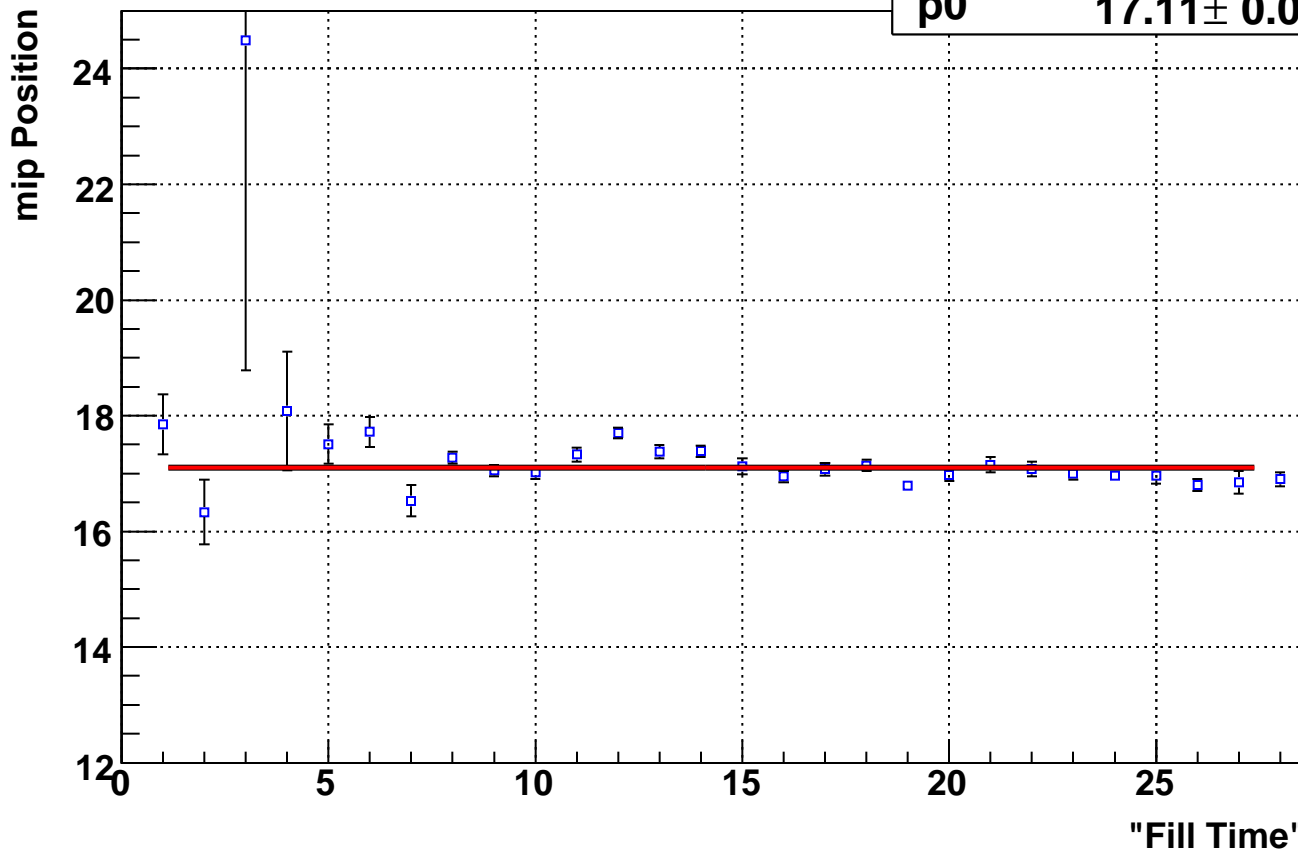
p_0 16.96 ± 0.02286



Eta Bin 32 mip Positions Vs. Time (rebinned)

χ^2 / ndf 112.6 / 26

p_0 17.11 ± 0.02363



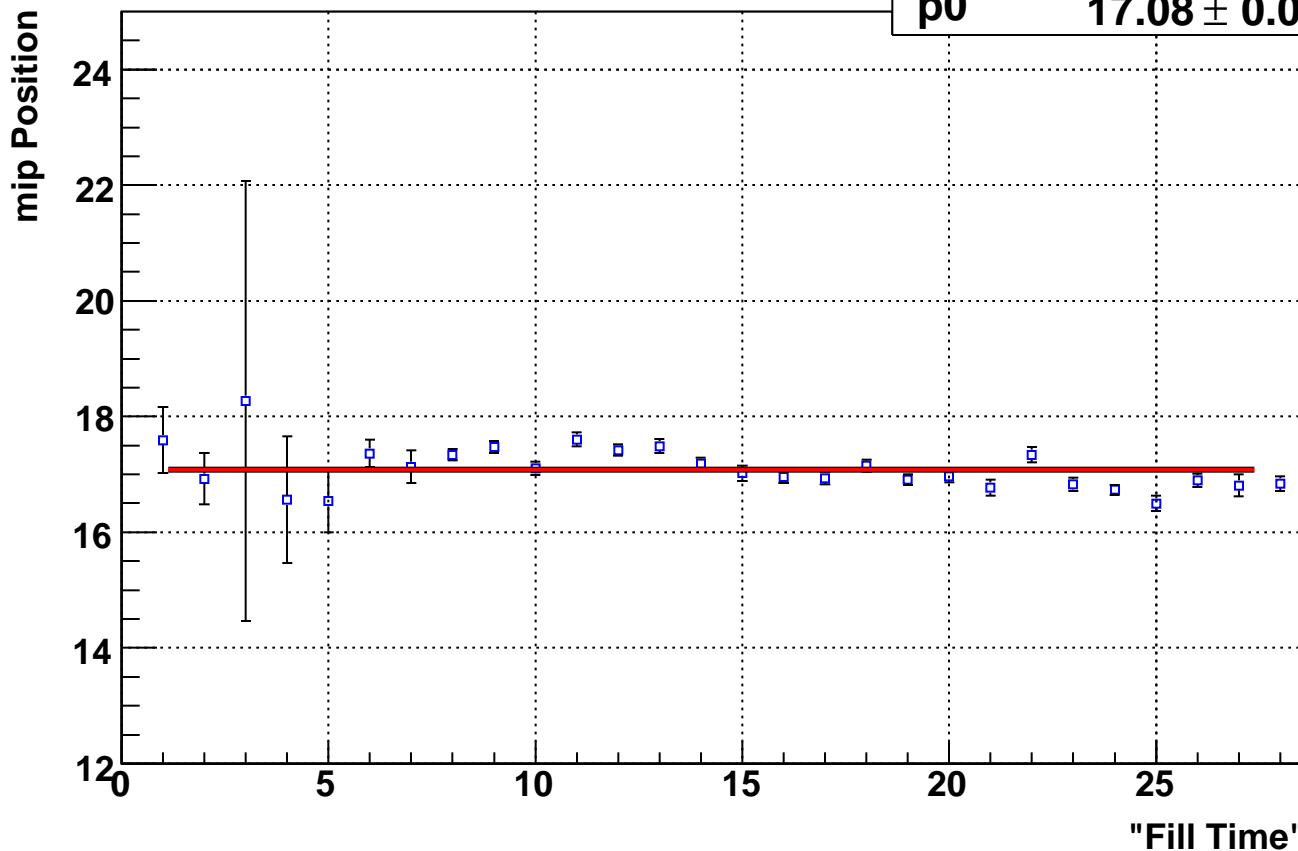
Eta Bin 33 mip Positions Vs. Time (rebinned)

χ^2 / ndf

129 / 26

p0

17.08 ± 0.02463



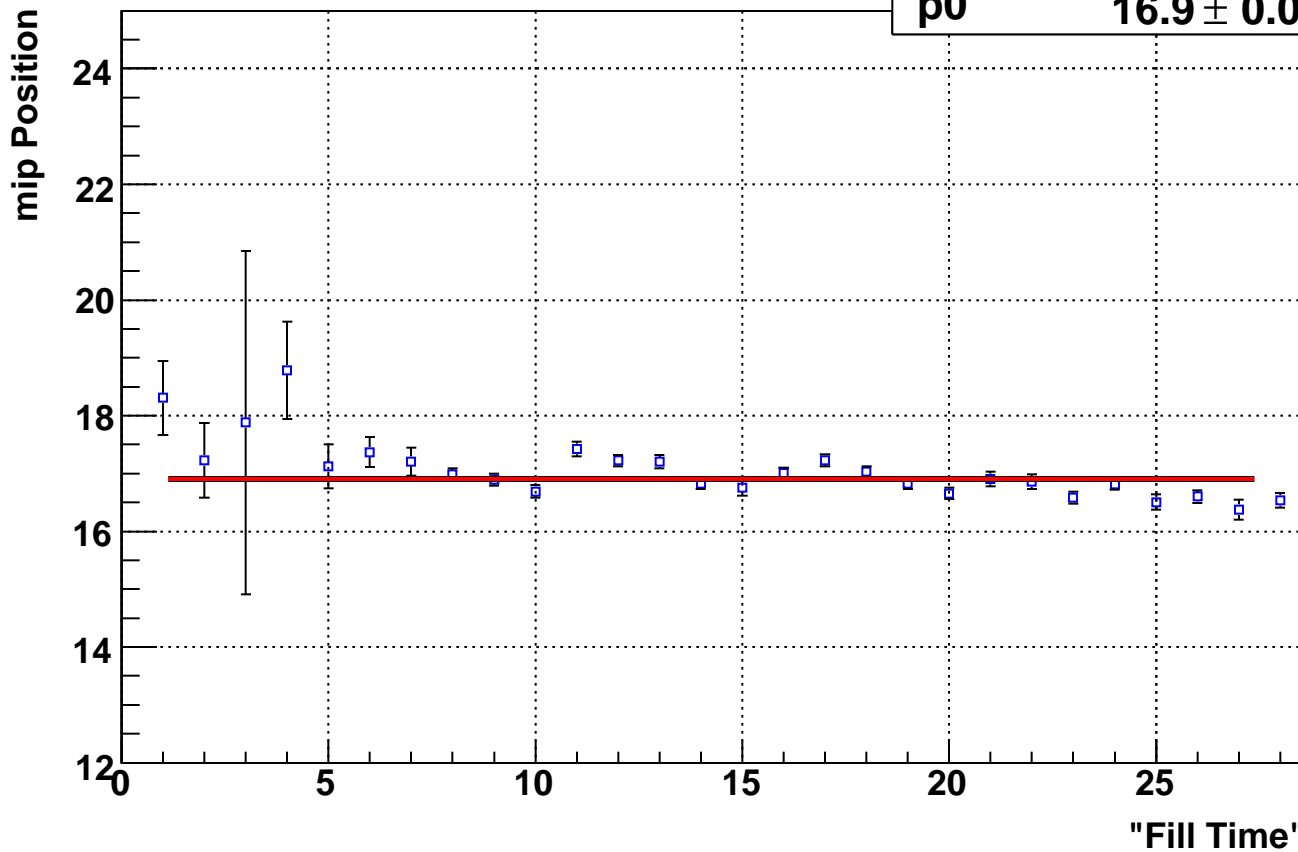
Eta Bin 34 mip Positions Vs. Time (rebinned)

χ^2 / ndf

111.5 / 26

p0

16.9 ± 0.02397



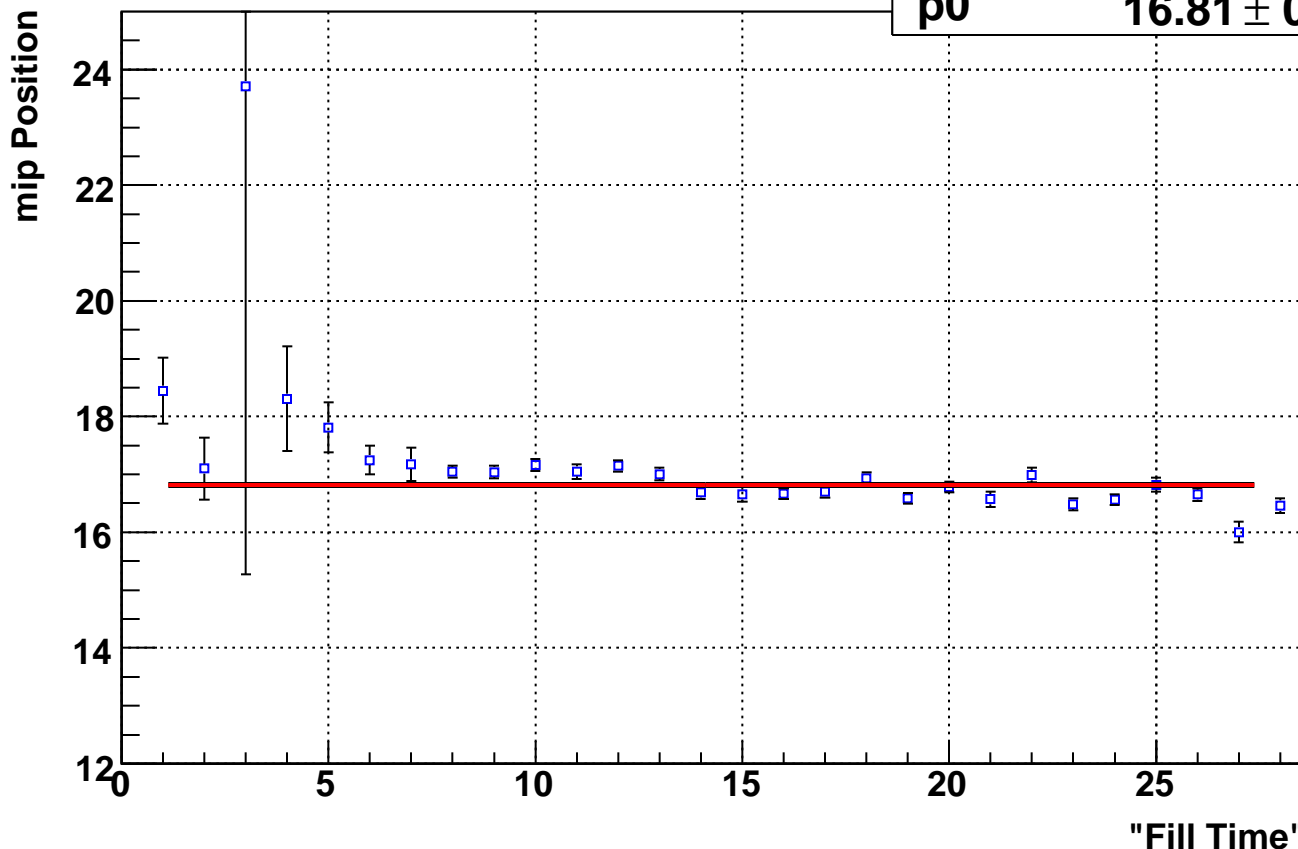
Eta Bin 35 mip Positions Vs. Time (rebinned)

χ^2 / ndf

117.6 / 26

p0

16.81 ± 0.024



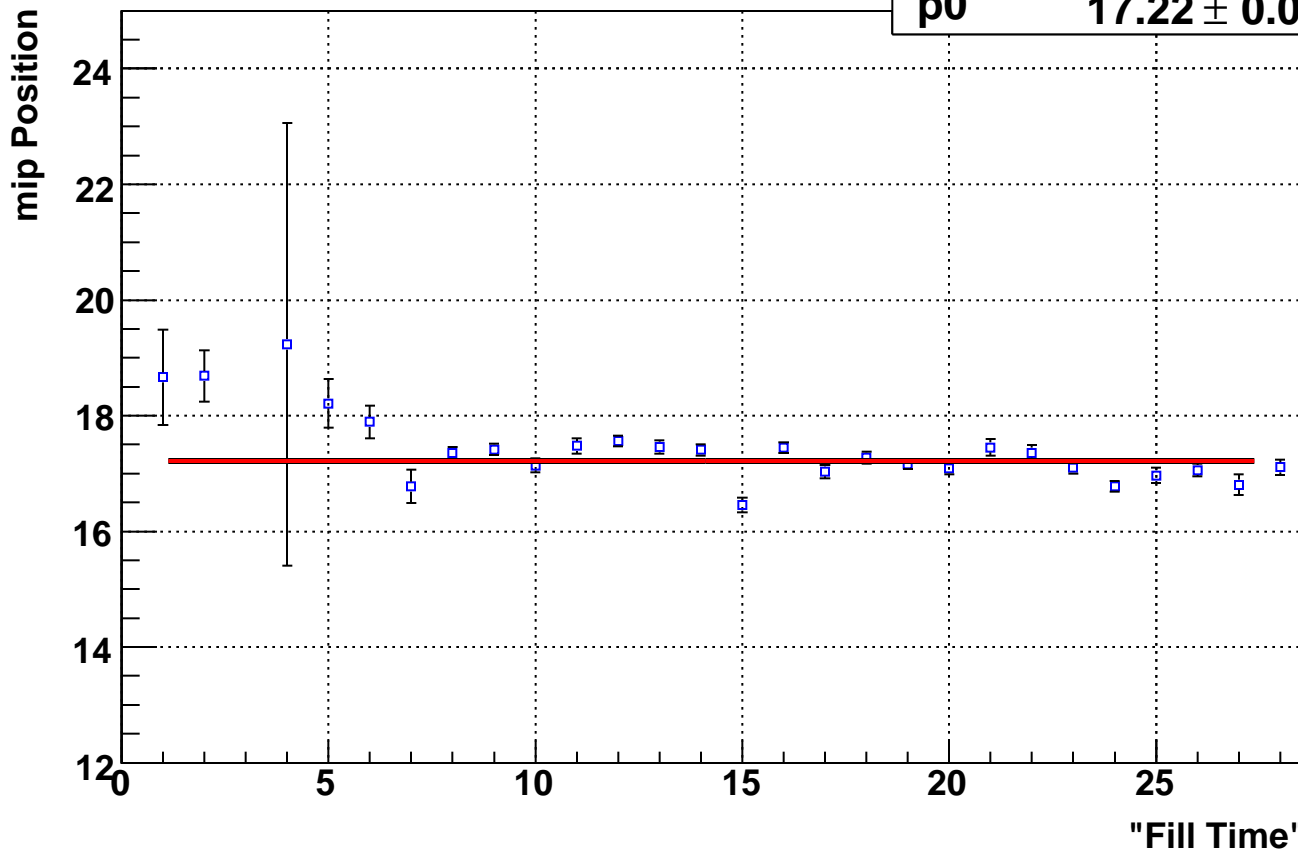
Eta Bin 36 mip Positions Vs. Time (rebinned)

χ^2 / ndf

144.4 / 26

p0

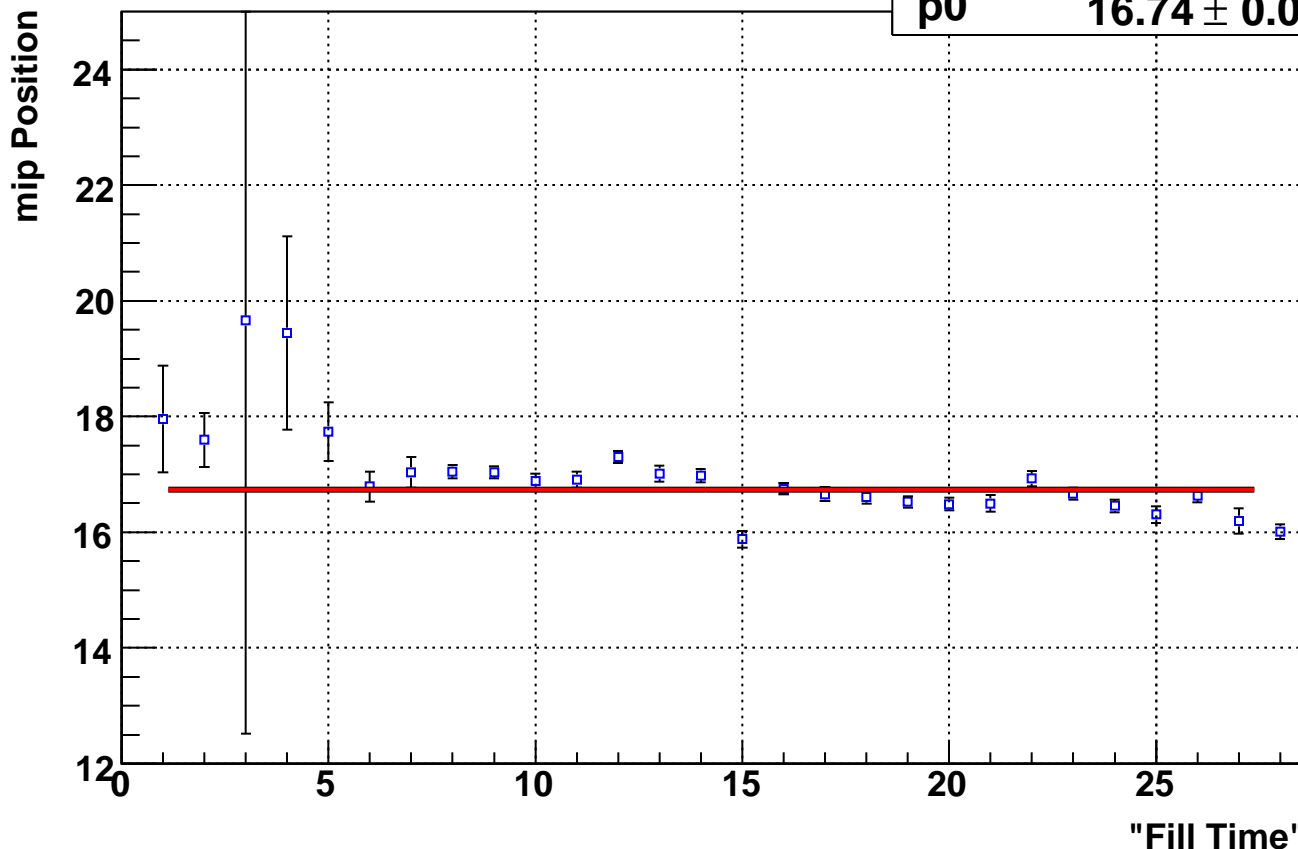
17.22 ± 0.02436



Eta Bin 37 mip Positions Vs. Time (rebinned)

χ^2 / ndf 144.7 / 26

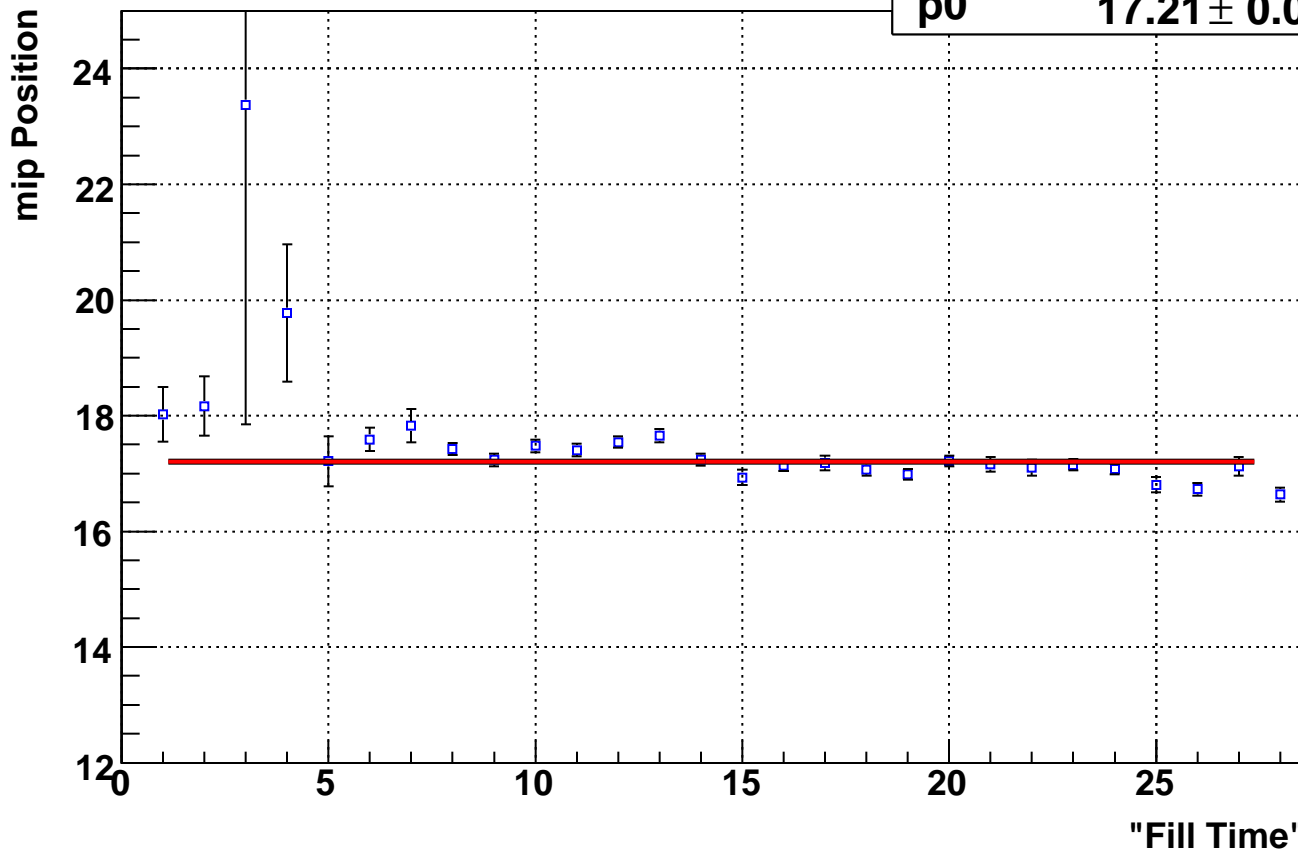
p_0 16.74 ± 0.02625



Eta Bin 38 mip Positions Vs. Time (rebinned)

χ^2 / ndf 106.1 / 26

p_0 17.21 ± 0.02401



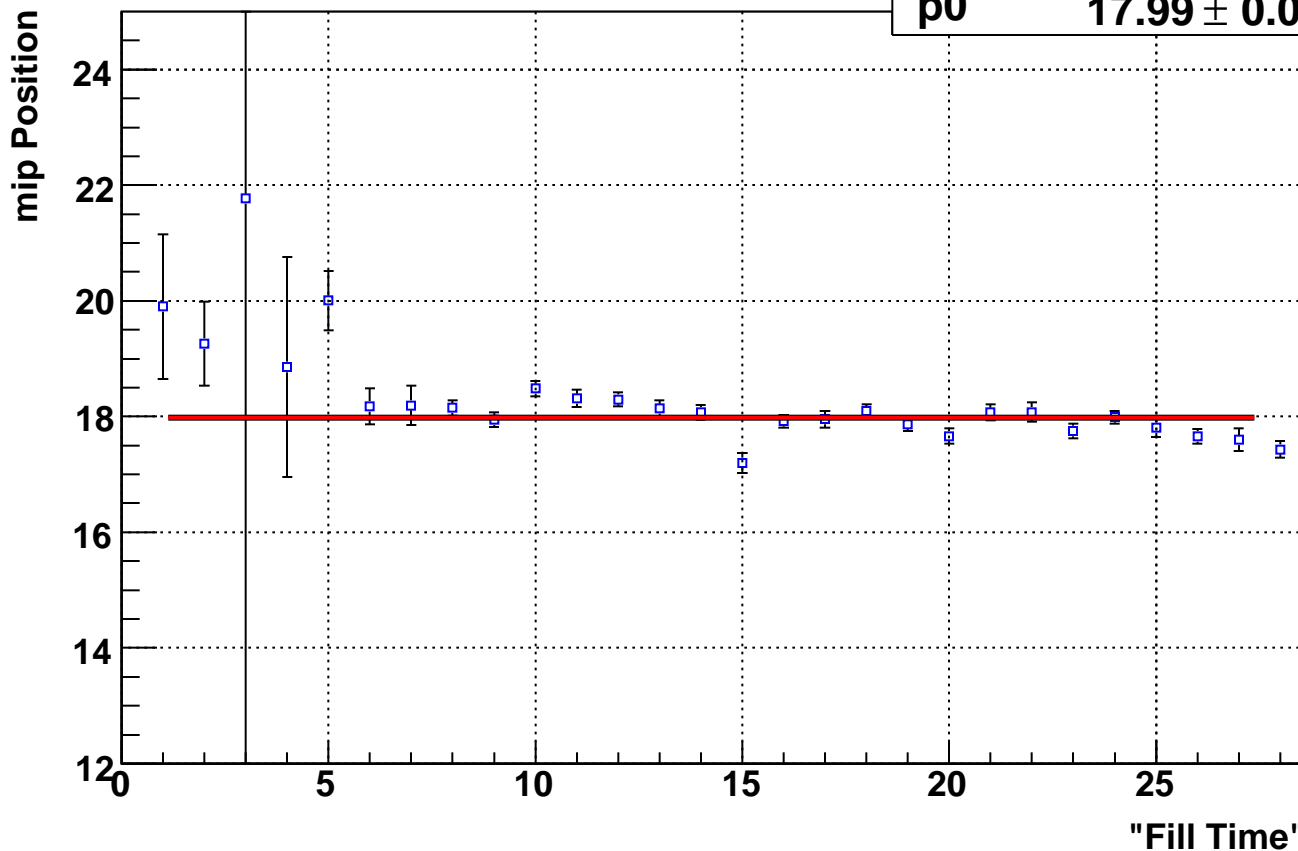
Eta Bin 39 mip Positions Vs. Time (rebinned)

χ^2 / ndf

95.75 / 26

p0

17.99 ± 0.02949



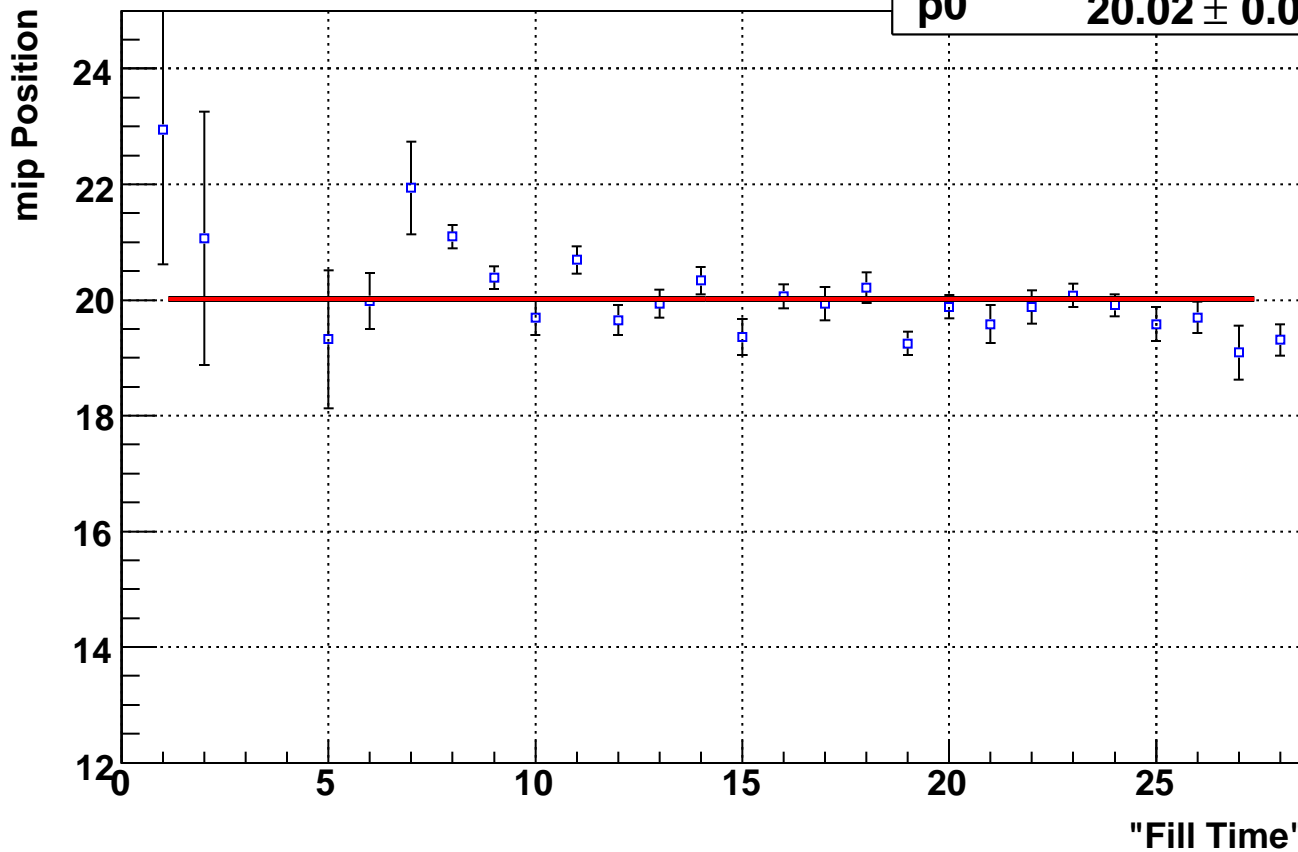
Eta Bin 40 mip Positions Vs. Time (rebinned)

χ^2 / ndf

87.1 / 26

p0

20.02 ± 0.05348



Chi Squared vs. Bin Number

