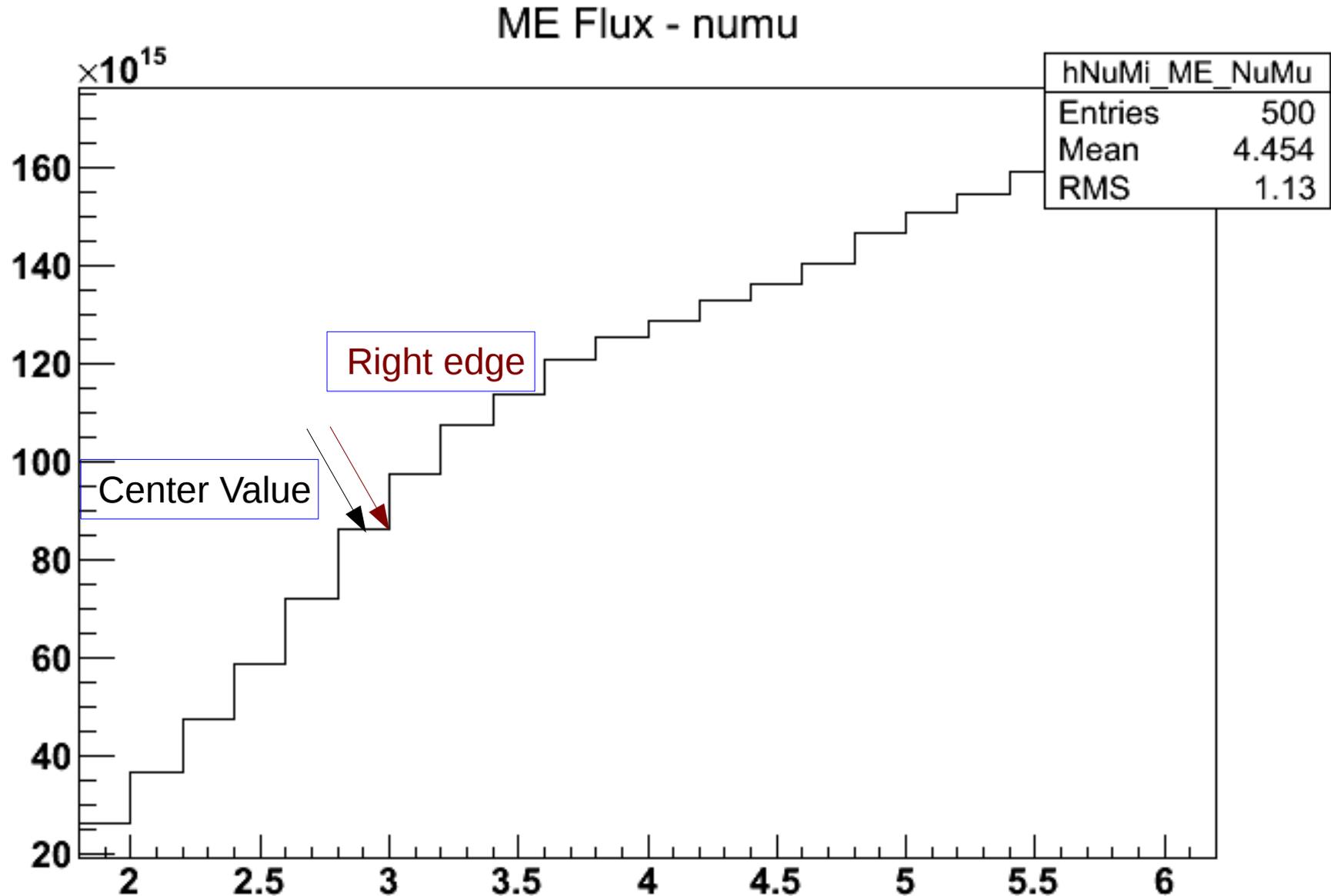


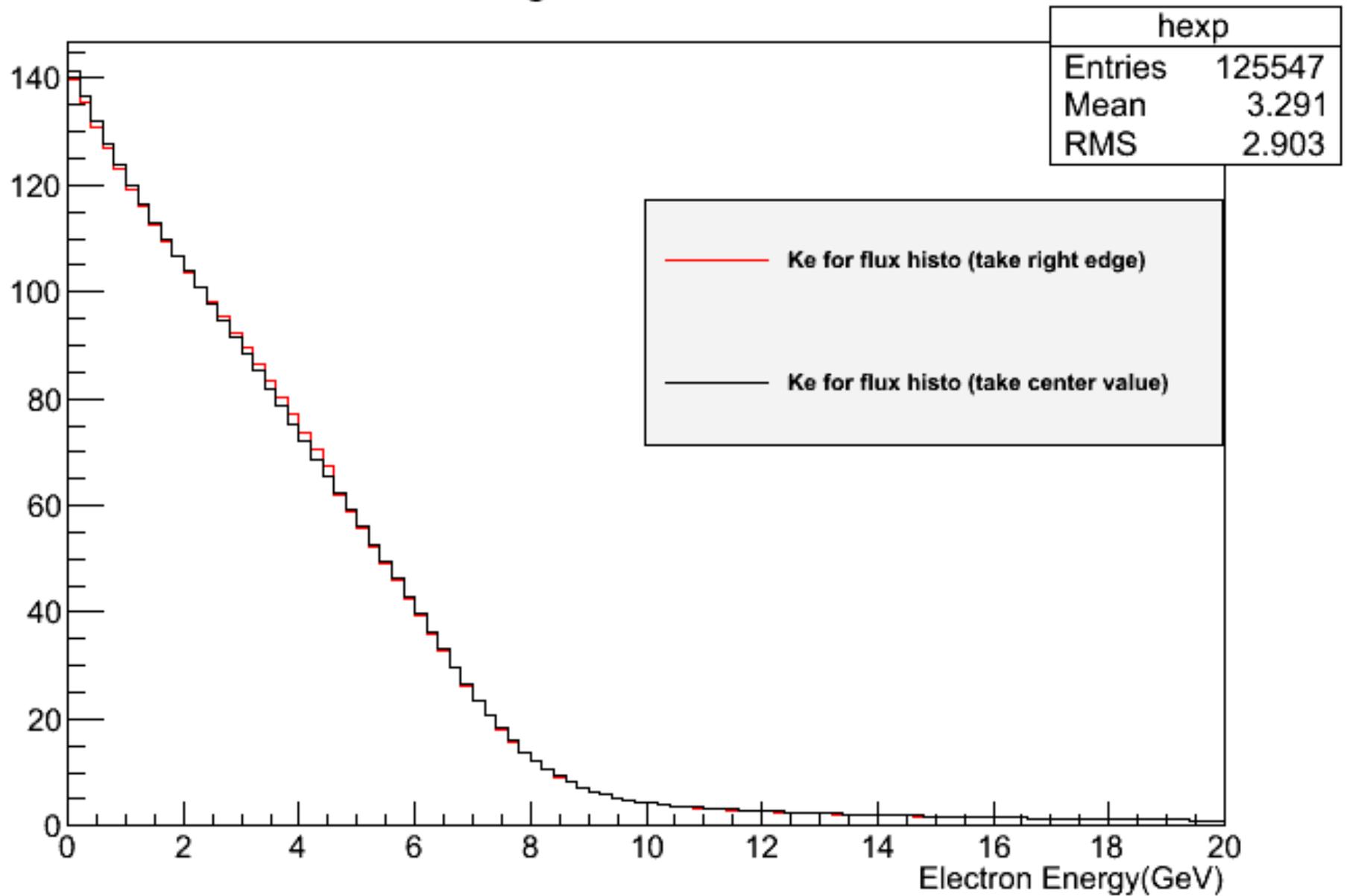
nu e Weekly Meeting

Wenting Tan
Hampton University
Nov20/2012

Flux Histogram Binning Effect Research



Binning Effect Research

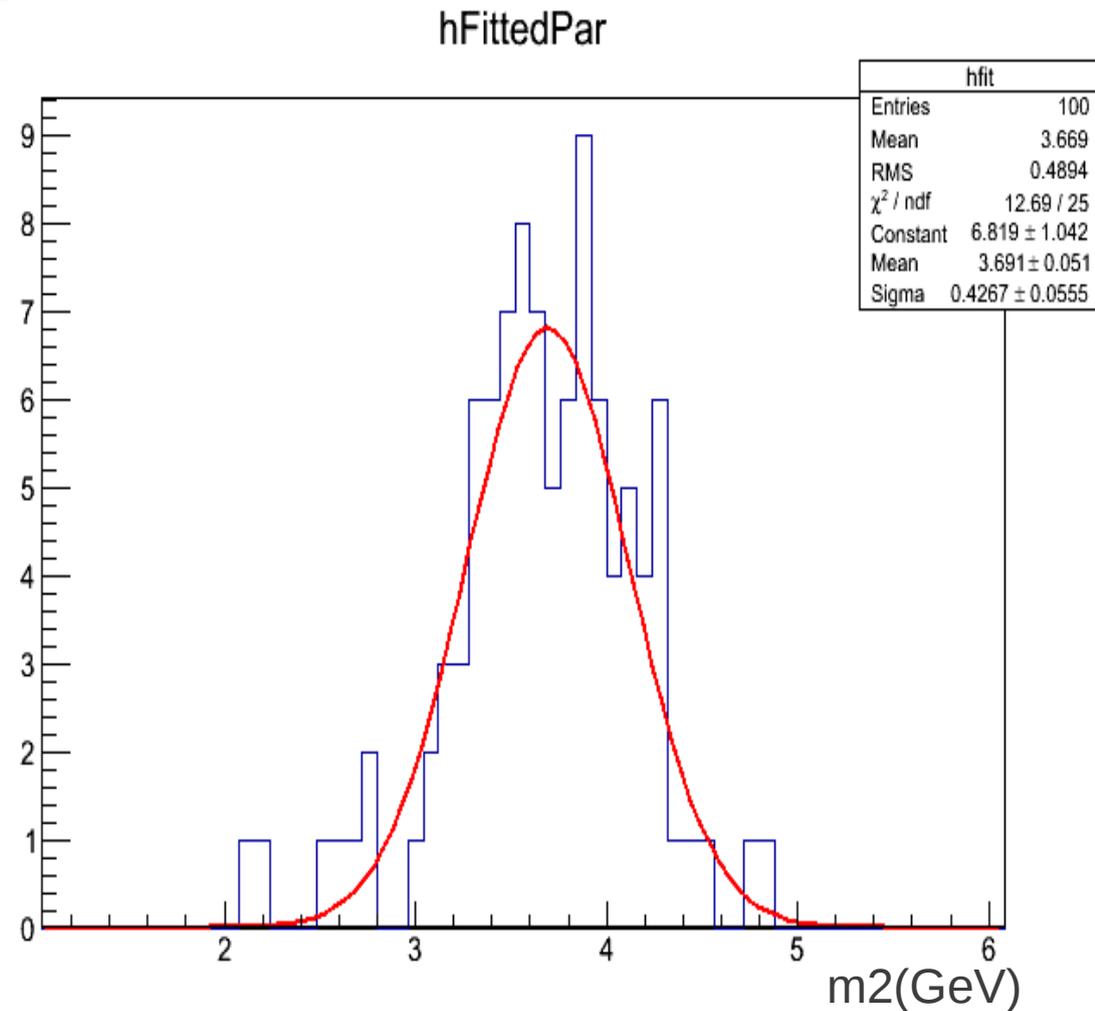


MC study

ME backgrounds sample

Discussion on Tminuit Error Study

| Name | Value | TMinuit Fitting Mean | Fitted Par Hist Gaus 1sigma |
|------|-----------|----------------------|-----------------------------|
| a1 | 1.610e+17 | Fixed-- | -- |
| m1 | 6.229 | 6.116 | 0.137 |
| s1 | 1.489 | 1.363 | 0.119 |
| a2 | 7.731e+16 | Fixed-- | -- |
| m2 | 3.502 | 3.691 | 0.428 |
| s2 | 0.922 | 2.240 | 1.034 |
| a3 | 1.021e+16 | Fixed-- | -- |
| m3 | 5.847 | 5.344 | 0.935 |
| s3 | 4.867 | 4.673 | 0.390 |



Random Size, 100 sets of sample