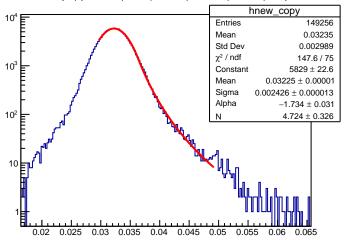
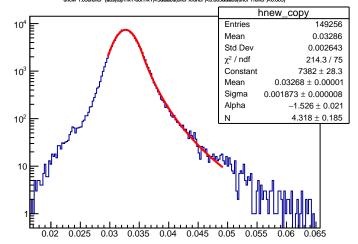


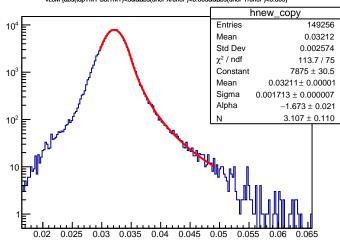
## uncM {abs(topTrkT-botTrkT)<3&&abs(uncPX/uncP)<0.005&&abs(uncPY/uncP)<0.005}



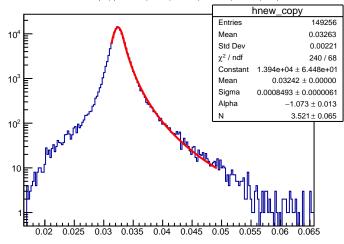
## uncM\*1.056/uncP {abs(topTrkT-botTrkT)<3&&abs(uncPX/uncP)<0.005&&abs(uncPY/uncP)<0.005}



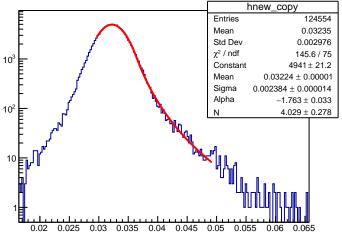
## vzcM {abs(topTrkT-botTrkT)<3&&abs(uncPX/uncP)<0.005&&abs(uncPY/uncP)<0.005}

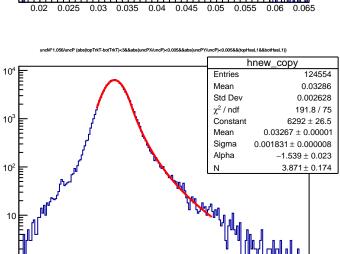


#### vzcM\*1.056/vzcP {abs(topTrkT-botTrkT)<3&&abs(uncPX/uncP)<0.005&&abs(uncPY/uncP)<0.005}







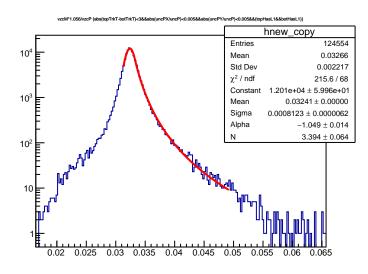


0.055

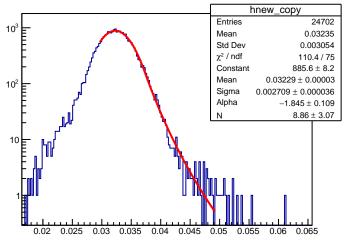
# vzcM {abs(topTrkT-botTrkT)<3&&abs(uncPX/uncP)<0.005&&abs(uncPY/uncP)<0.005&&(topHasL1&&botHasL1)} hnew\_copy 10<sup>4</sup> 124554 Entries Mean 0.03215 Std Dev 0.002585 $\chi^2$ / ndf 116.4 / 75 10<sup>3</sup> Constant $6615 \pm 28.1$ $0.03212 \pm 0.00001$ Mean Sigma $0.001696 \pm 0.000008$ Alpha $-1.668 \pm 0.022$ $2.968 \pm 0.110$ 10<sup>2</sup>

0.05

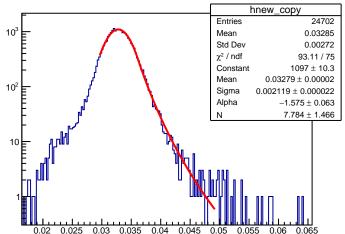
0.055



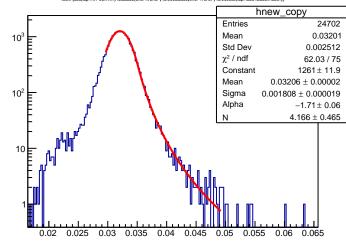
### uncM (abs(topTrkT-botTrkT)<3&&abs(uncPX/uncP)<0.005&&abs(uncPY/uncP)<0.005&&!(topHasL1&&botHasL1)}



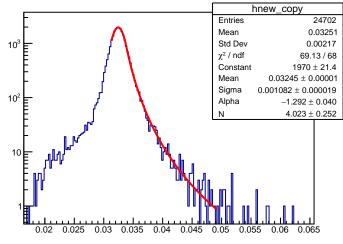


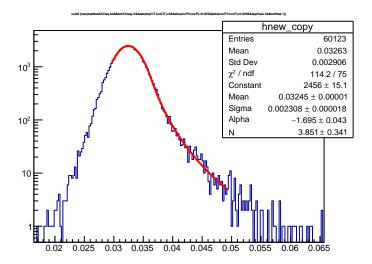


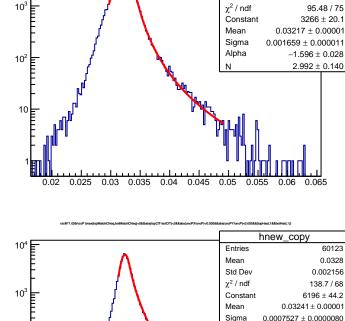
#### vzcM {abs(topTrkT-botTrkT)<3&&abs(uncPX/uncP)<0.005&&abs(uncPY/uncP)<0.005&&!(topHasL1&&botHasL1)}

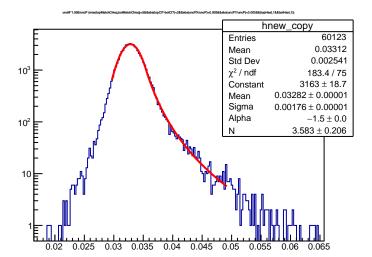


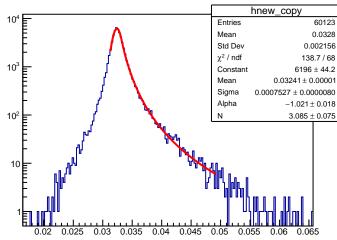
# $vzcM^*1.056/vzcP \\ \{abs(topTrkT-botTrkT) < 38\&abs(uncPX/uncP) < 0.005\&abs(uncPY/uncP) < 0.005\&8.\\ \{topHasL1\&abotHasL1\}\} \\ \{topHasL1\&abotHasL2\}\} \\ \{topHasL1\&abotHasL2\}\} \\ \{topHasL1\&abotHasL3\}$











hnew\_copy

Entries

Std Dev

Mean

60123

0.03231

0.002534

95.48 / 75

 $3266 \pm 20.1$ 

 $-1.596 \pm 0.028$ 

 $2.992 \pm 0.140$ 

# Moller mass resolution

