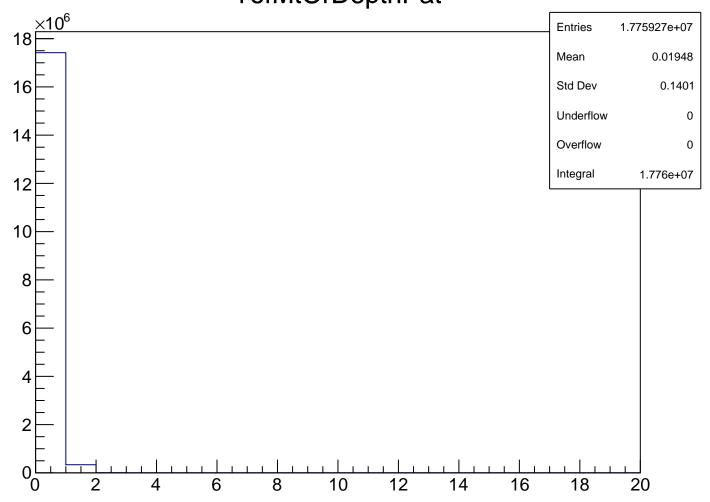
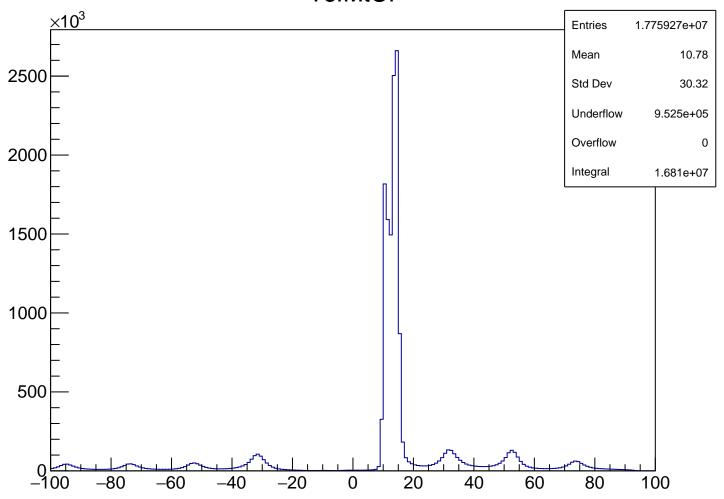


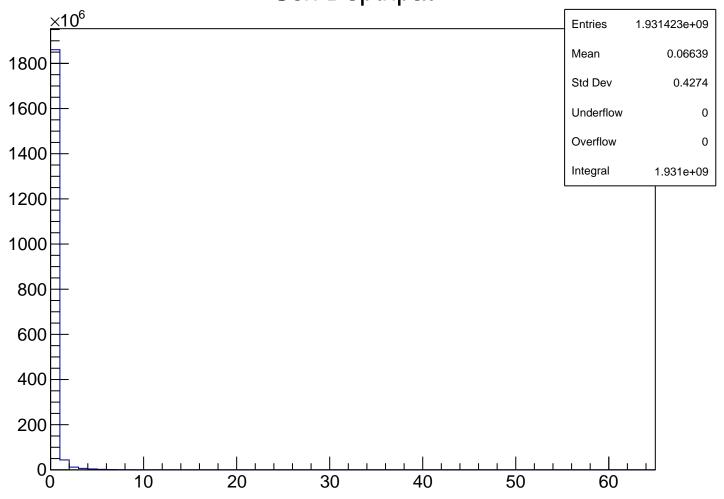
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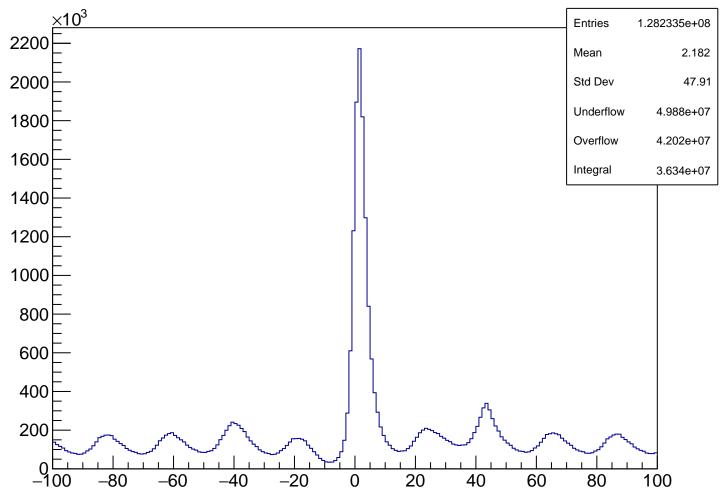
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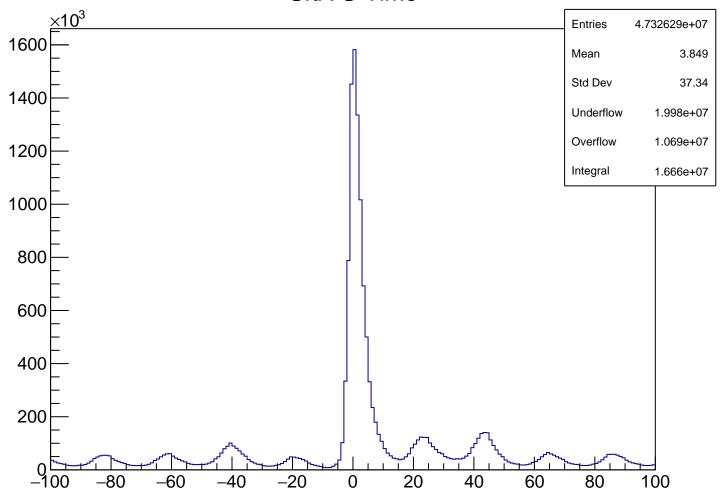
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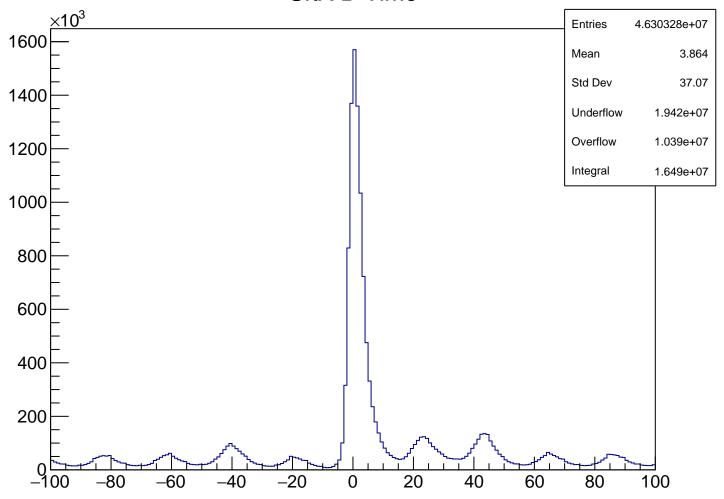
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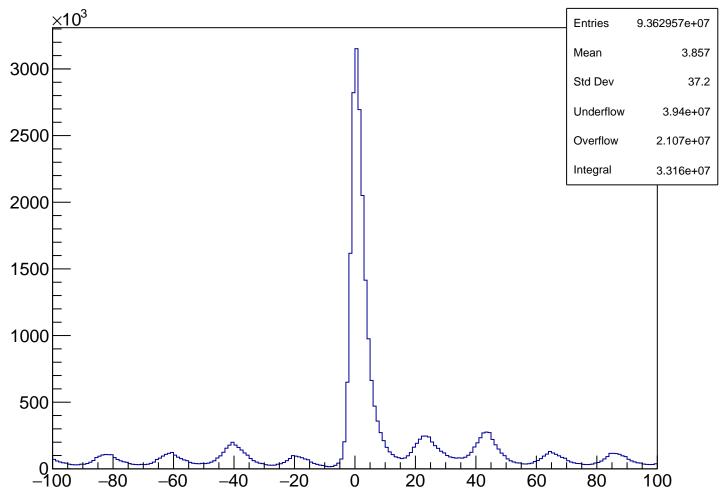
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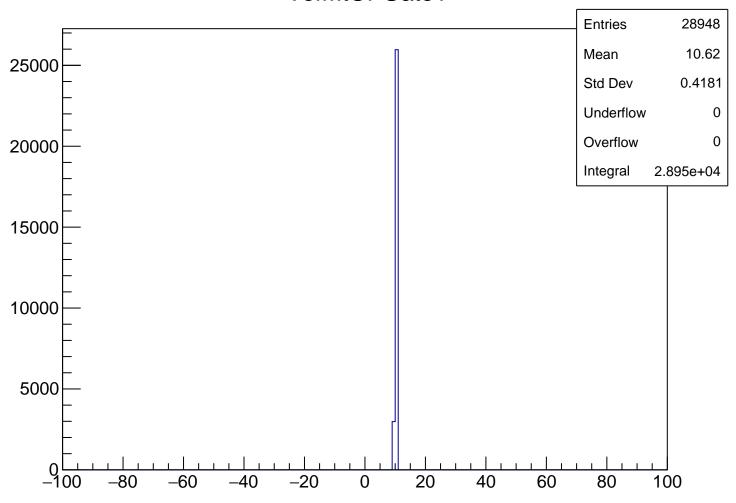


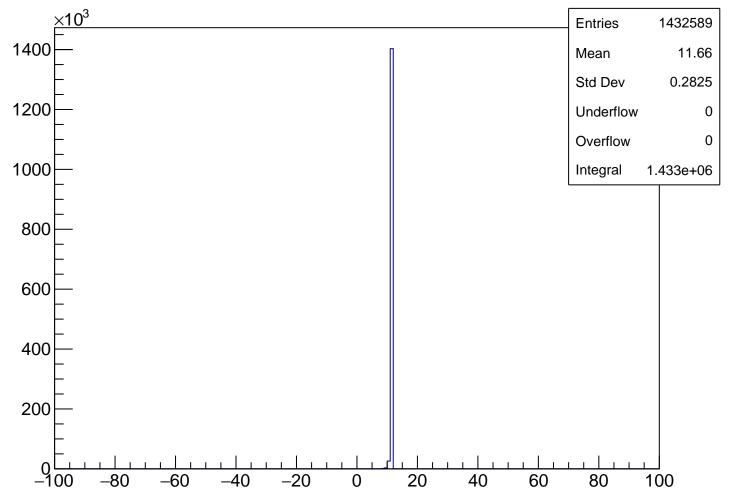
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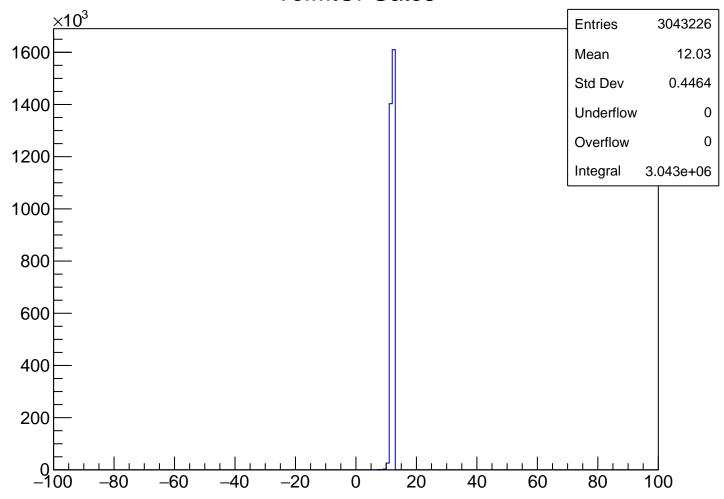


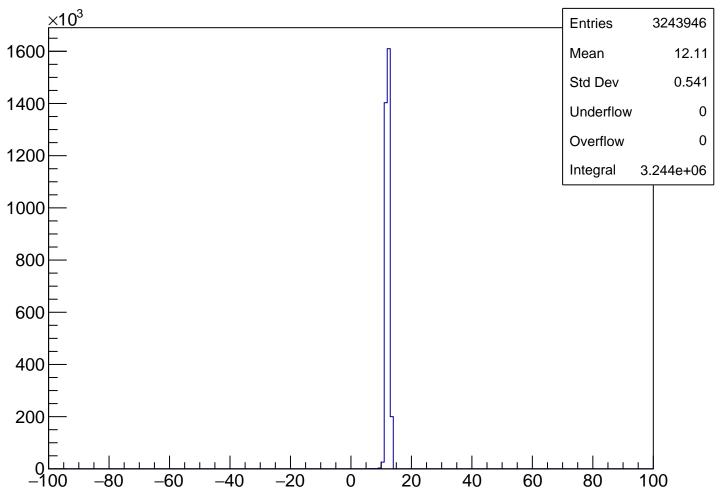
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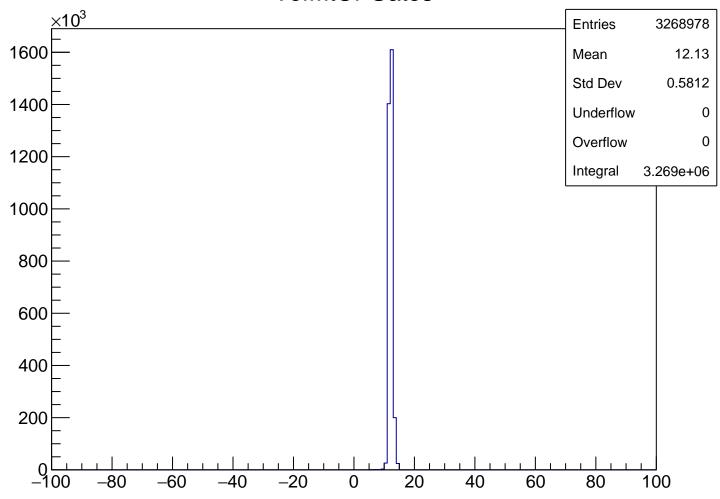


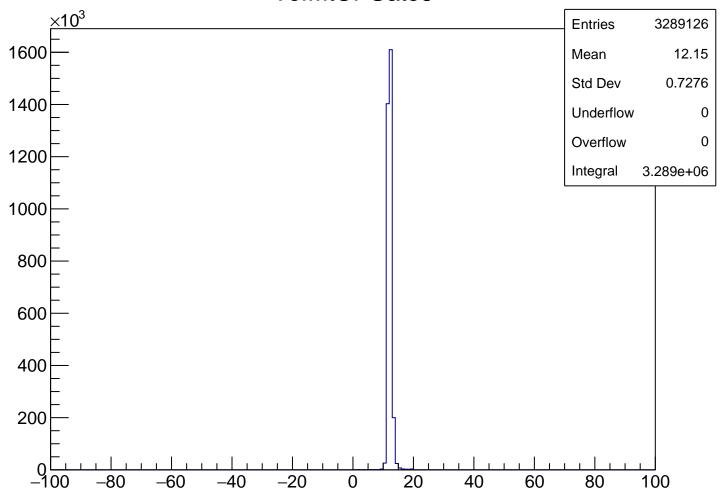


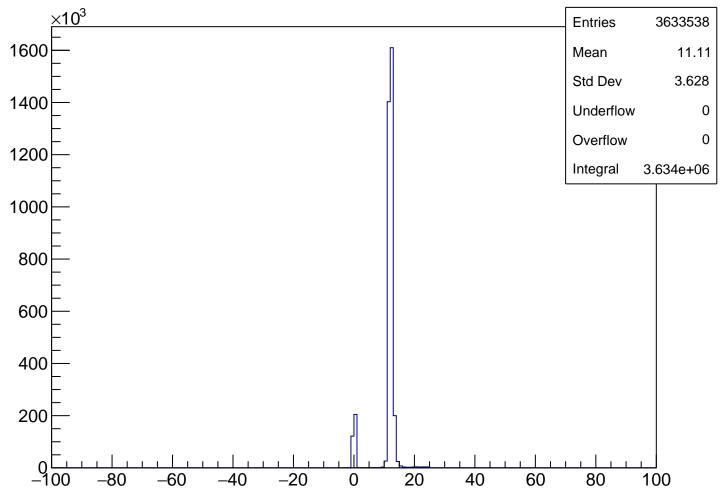


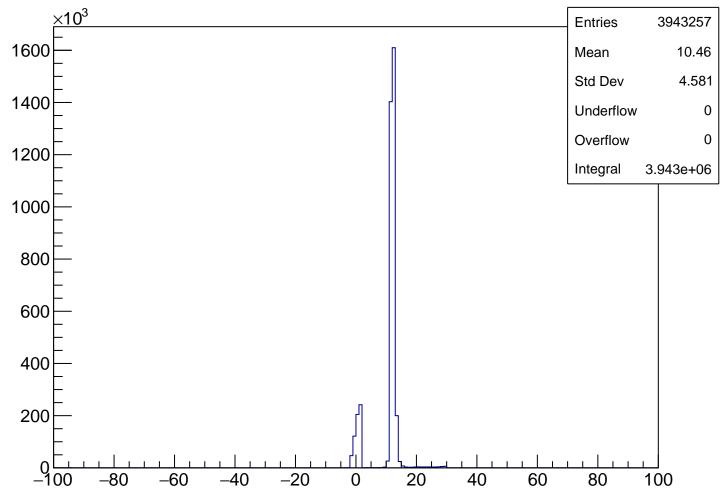


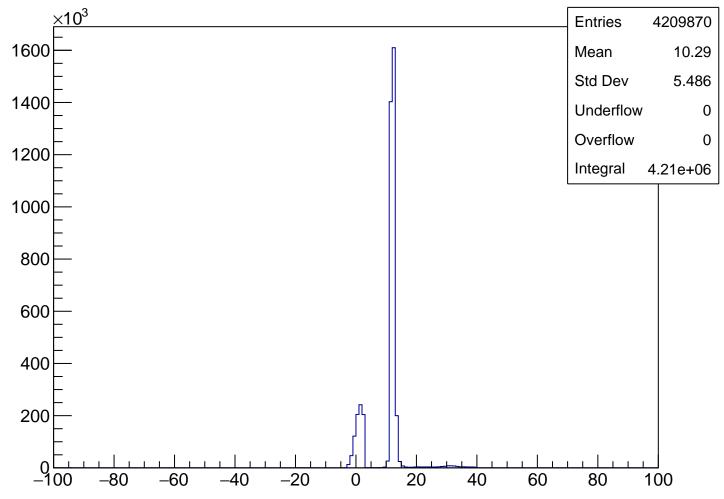


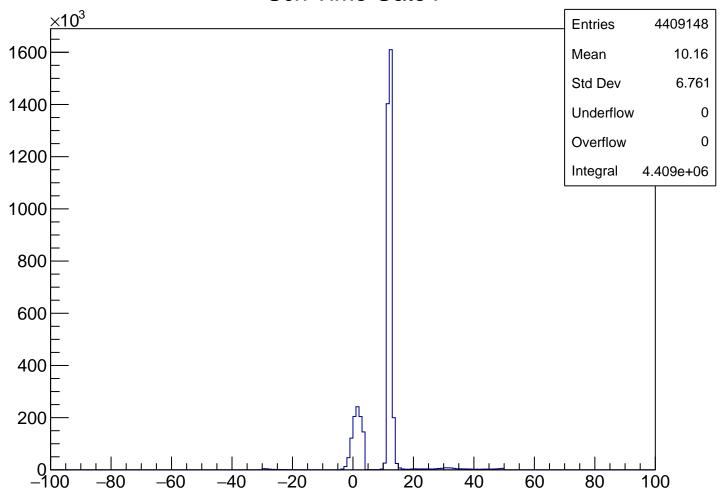


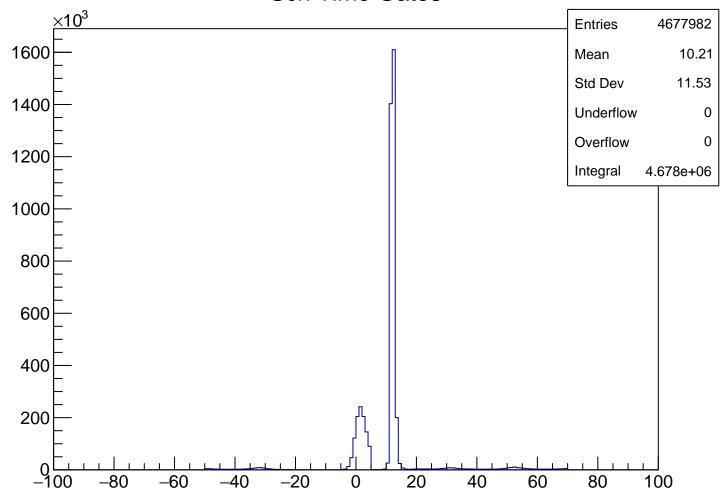


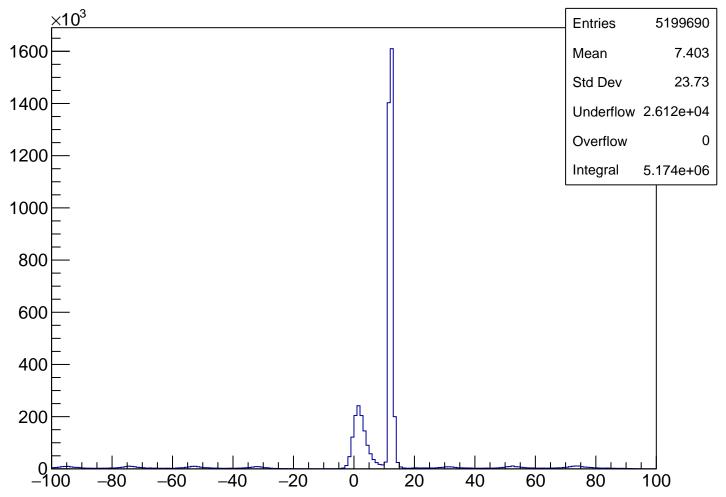


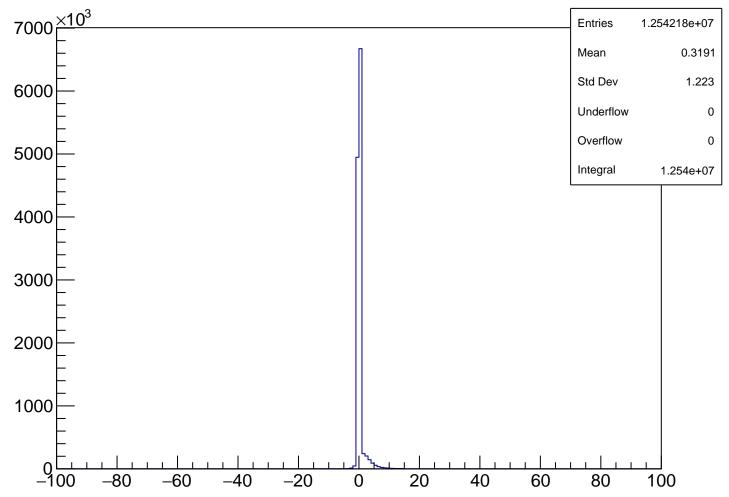


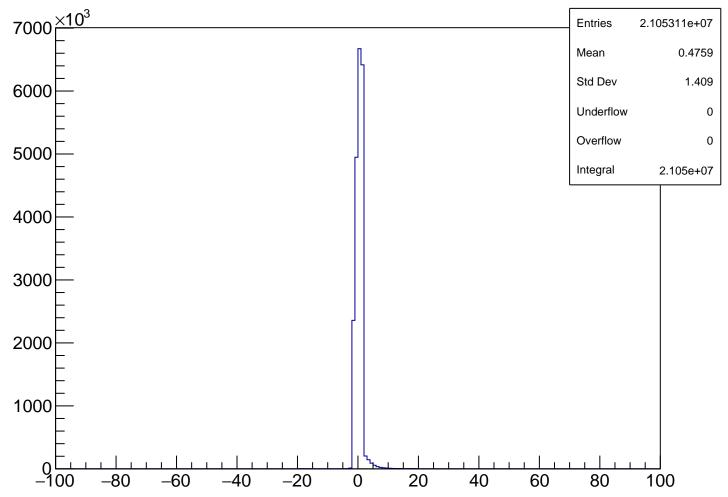


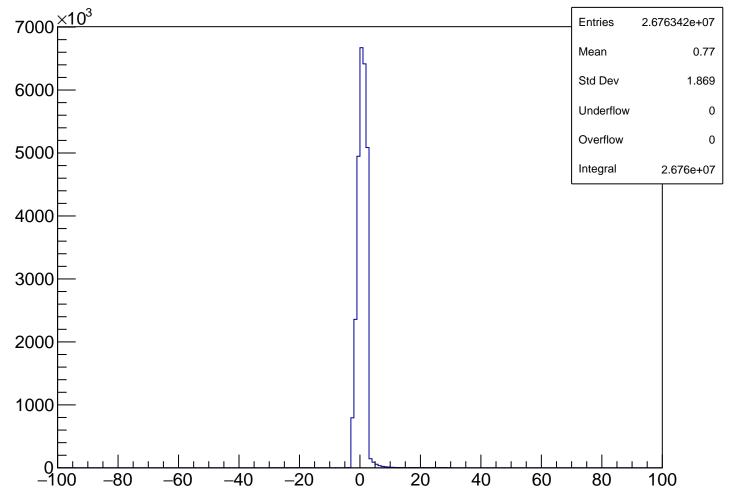


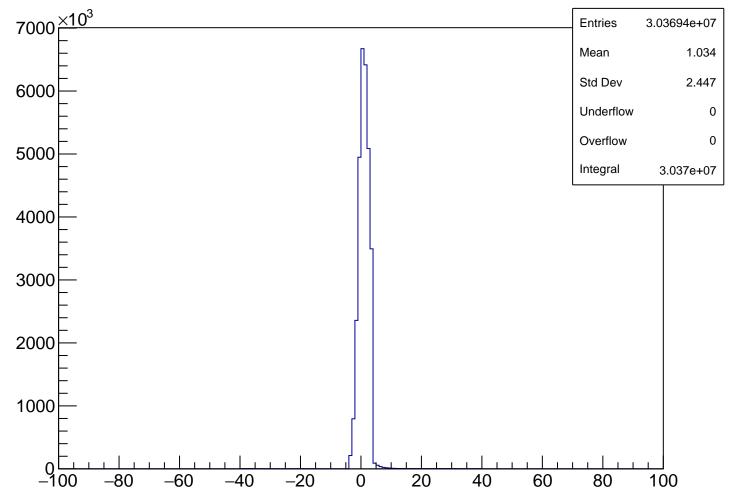


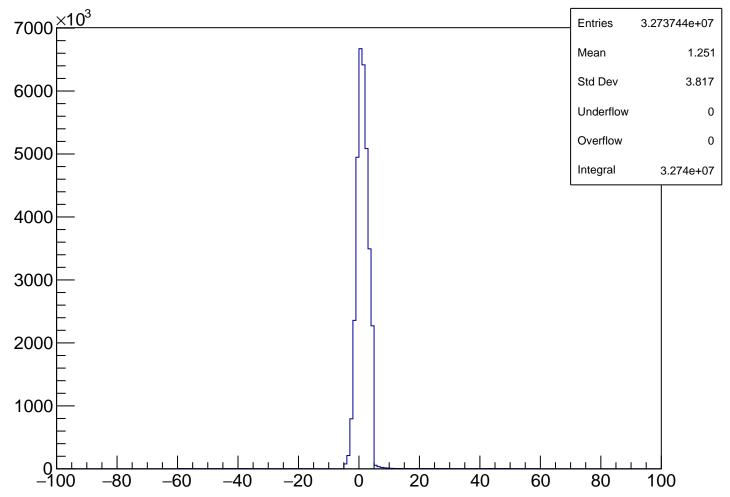


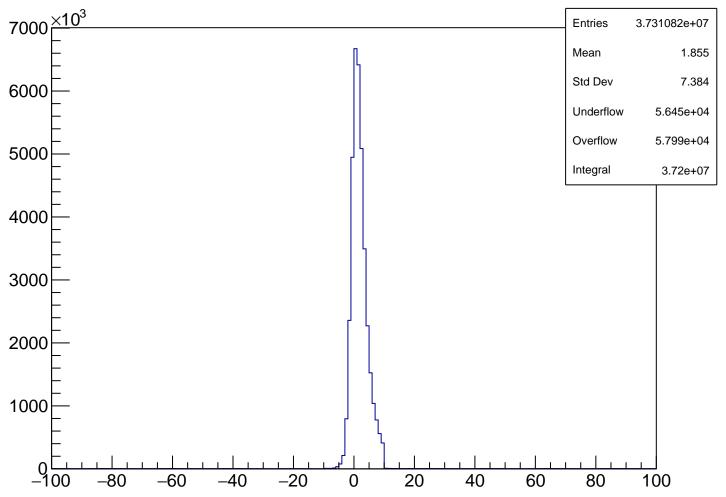












MissMass Sigma 100 × 10<sup>3</sup> Entries 3.677536e+07 Mean 1.113 Std Dev 0.1799 Underflow 1.346e+07 80 Overflow 1.904e+07 Integral 4.273e+06 60 40 20 0.8 8.0 0.9 1.2 1.3 1.4

MissMass Sigma Gate1 **Entries** 3.700398e+07 Mean 1.107 90000 Std Dev 0.1834 80000 Underflow 1.365e+07 Overflow 1.934e+07 70000 Integral 4.008e+06 60000 50000 40000 30000 🗒 20000 10000 0.9 1.2 1.3

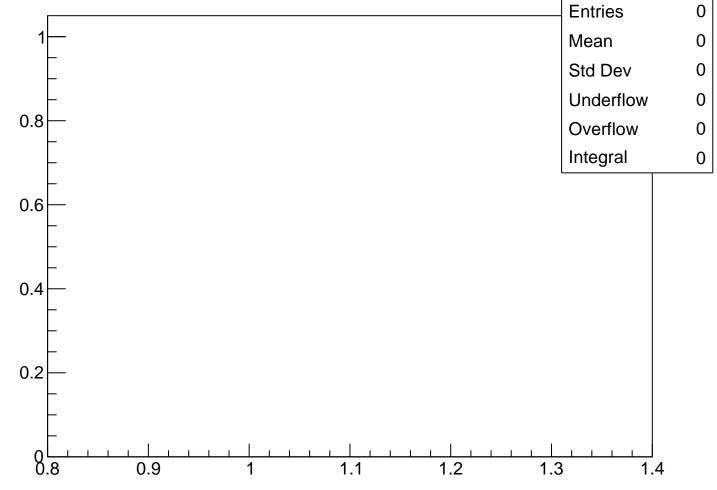
MissMass Sigma Gate2 **Entries** 3.789031e+07 Mean 1.107 90000 Std Dev 0.1834 80000 Underflow 1.394e+07 Overflow 1.994e+07 70000 Integral 4.008e+06 60000 50000 40000 30000 🗒 20000 10000 0.9 1.2 1.3

MissMass Sigma Gate3 **Entries** 3.883298e+07 Mean 1.107 90000 Std Dev 0.1834 80000 Underflow 1.449e+07 Overflow 2.034e+07 70000 Integral 4.008e+06 60000 50000 40000 30000 🗒 20000 10000 0.9 1.2 1.3

MissMass Sigma Gate4 4.13185e+07 **Entries** Mean 1.107 90000 0.1834 Std Dev 80000 Underflow 1.568e+07 Overflow 2.163e+07 70000 Integral 4.008e+06 60000 50000 40000 30000 🗒 20000 10000 0.9 1.2 1.3 1.4

MissMass Sigma Gate5 **Entries** 4.938727e+07 Mean 1.107 90000 Std Dev 0.1834 80000 Underflow 1.97e+07 Overflow 2.568e+07 70000 Integral 4.008e+06 60000 50000 40000 30000 20000 10000 0.9 1.2 1.3

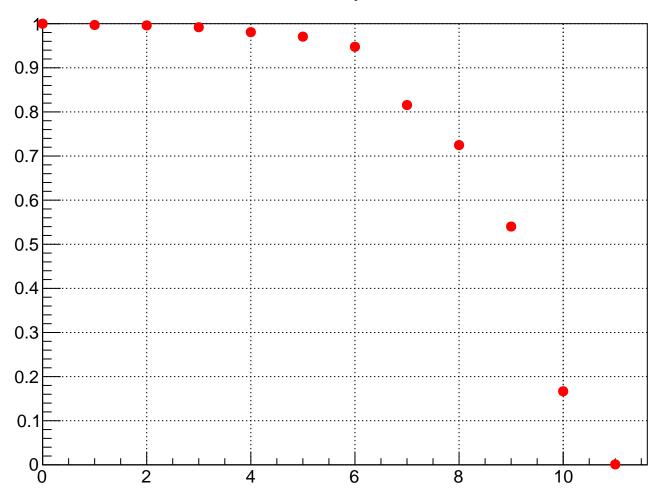
## MissMass Sigma Gate6



MissMass Sigma vtx & K **Entries** 213389 35000 Mean 1.208 Std Dev 0.04397 30000 Underflow 587 Overflow 0 25000 Integral 2.128e+05 20000 15000 10000 5000 0.9 1.4

MissMass Sigma vtx & K & MissMass **Entries** 182372 35000 Mean 1.205 0.01481 Std Dev 30000 Underflow 0 Overflow 0 25000 Integral 1.824e+05 20000 15000 10000 5000 0.9

## Graph



Graph

