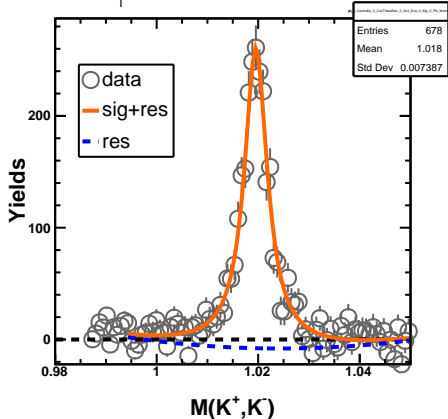
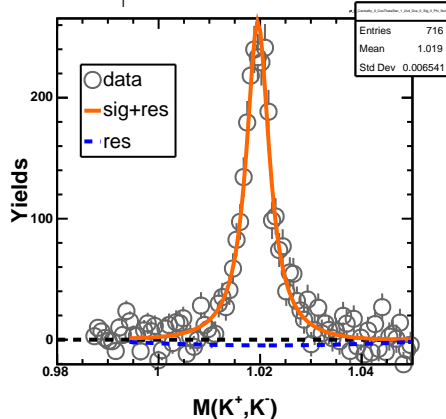


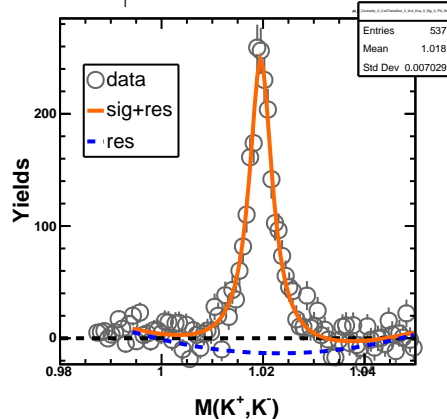
$1.00 < p_T < 1.60, 0/7 < |\cos(\theta^*)| < 1/7, \text{cent0}$



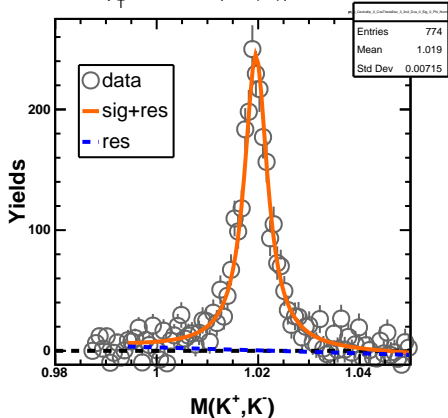
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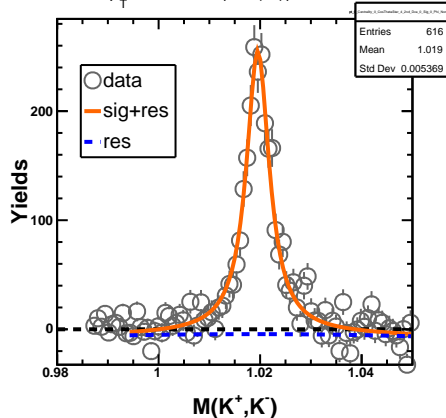
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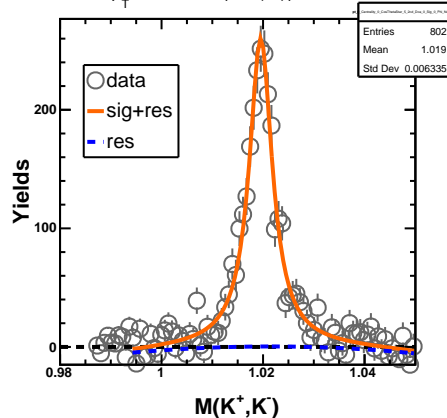
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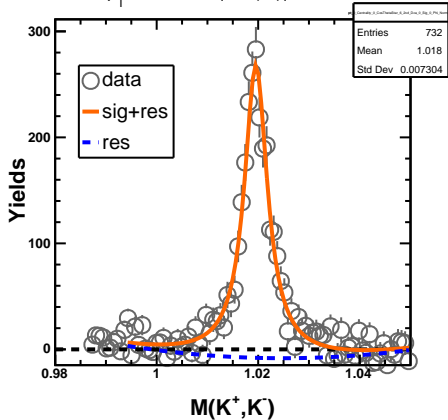
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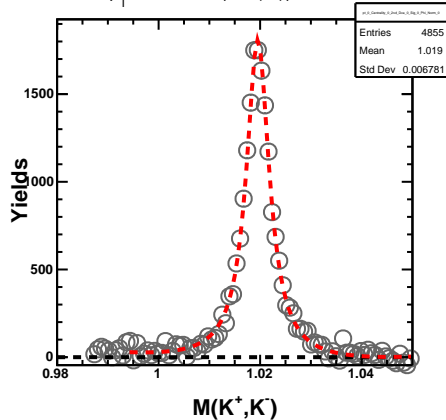
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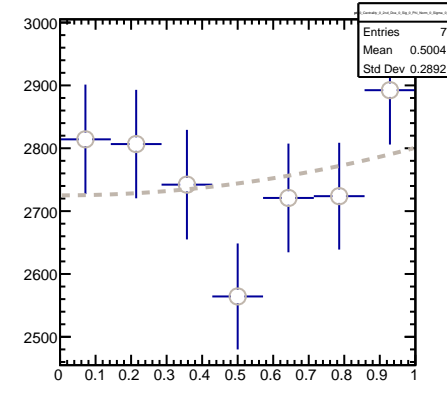
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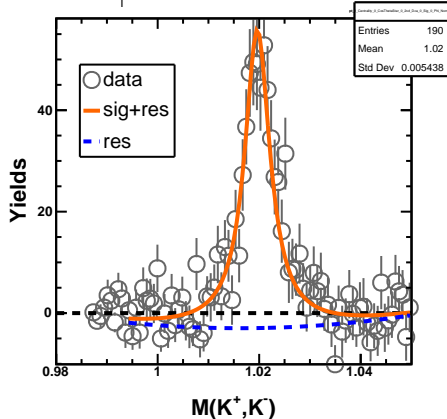
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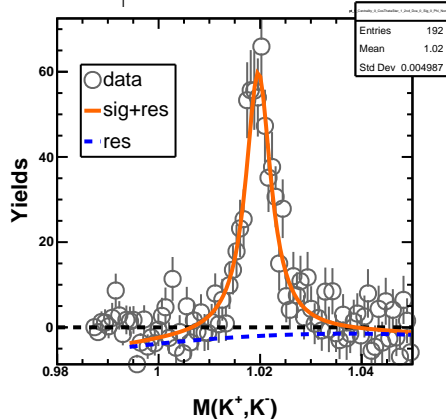
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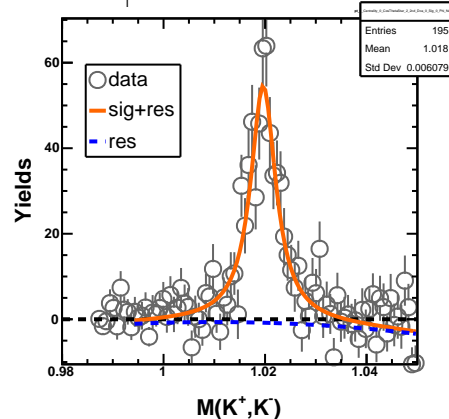
$1.60 < p_T < 2.40, 0/7 < |\cos(\theta^*)| < 1/7, \text{cent0}$



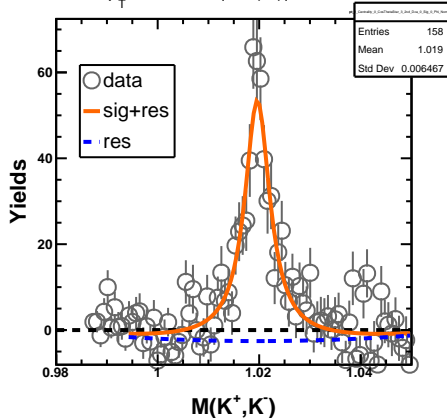
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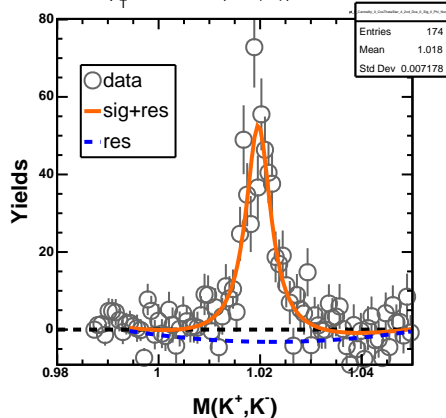
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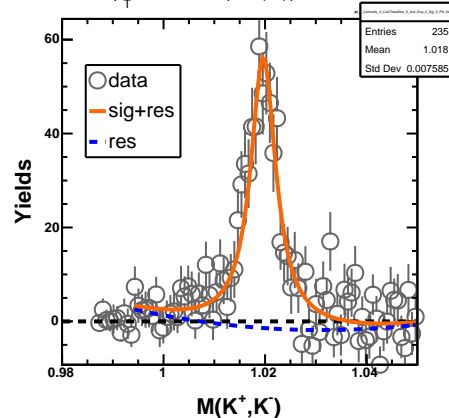
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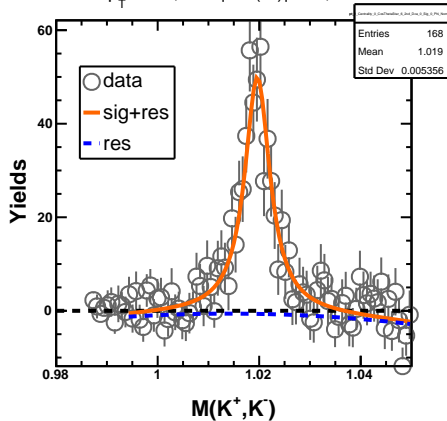
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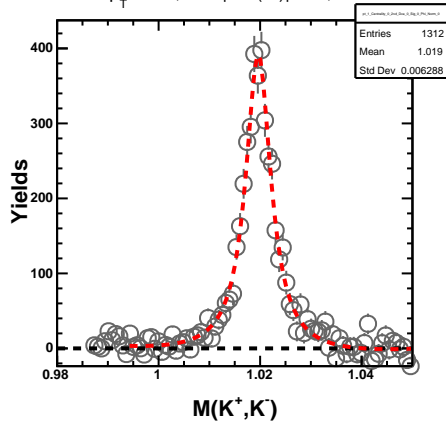
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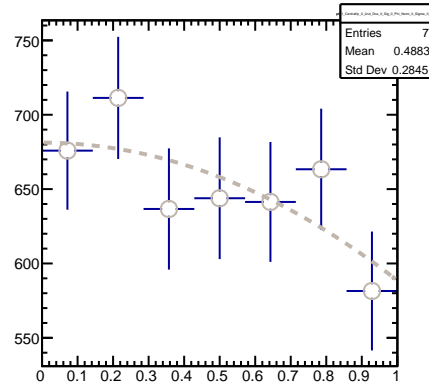
$1.60 < p_T < 2.40, 6/7 < |\cos(\theta^*)| < 7/7, \text{cent0}$



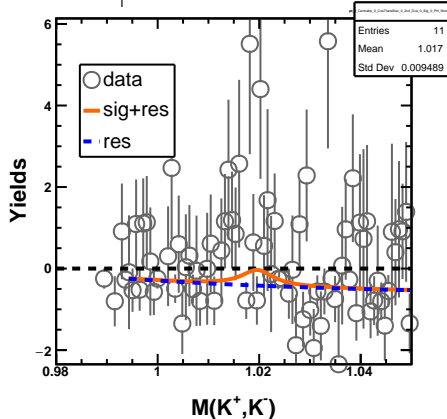
$1.60 < p_T < 2.40, 0/7 < |\cos(\theta^*)| < 7/7, \text{cent0}$



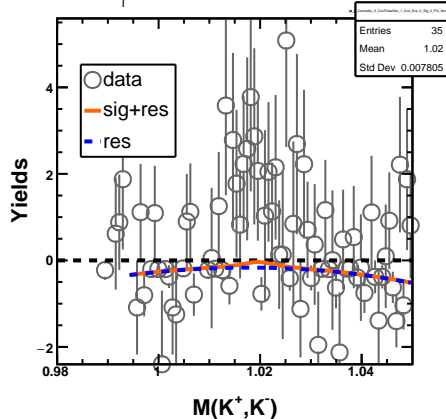
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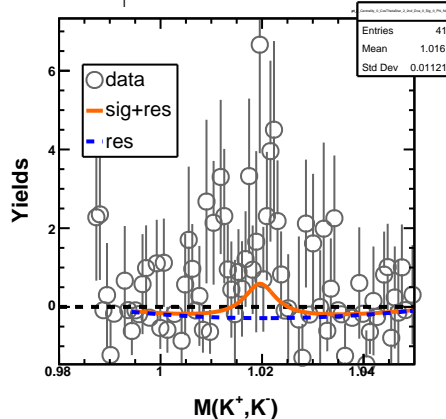
2.40 <math>p\_T < 5.00, 0/7 < |\cos(\theta^\*)| < 1/7, \text{cent0}</math>



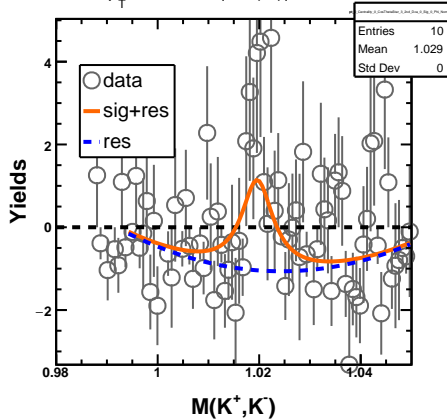
2.40 <math>p\_T < 5.00, 1/7 < |\cos(\theta^\*)| < 2/7, \text{cent0}</math>



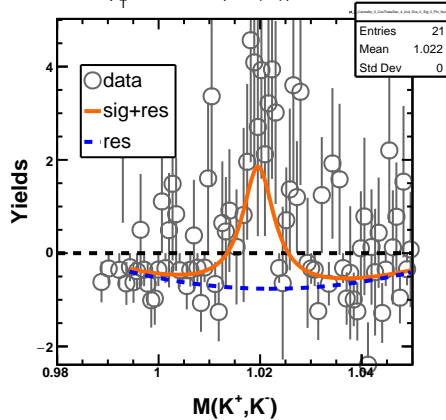
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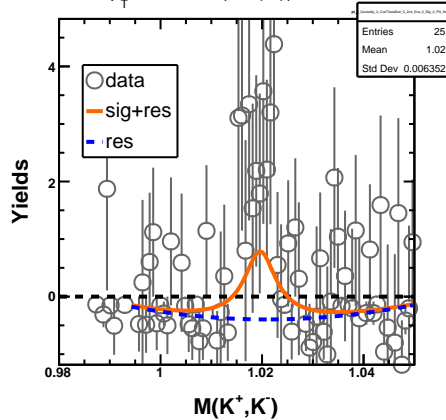
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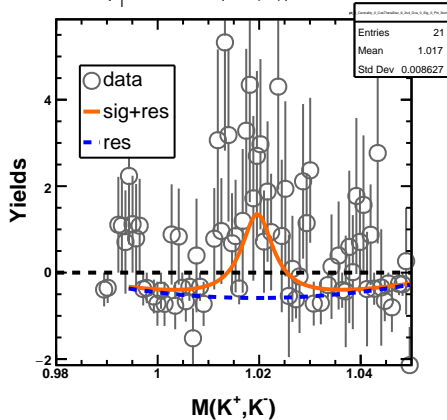
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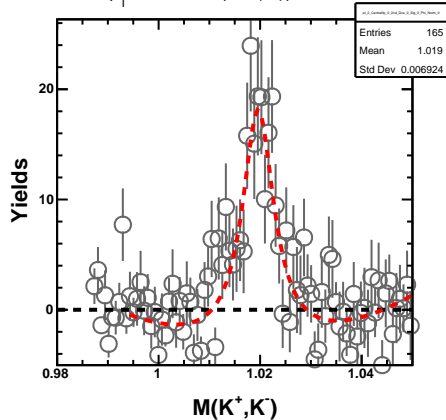
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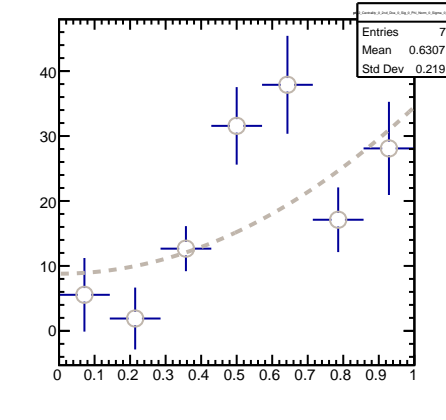
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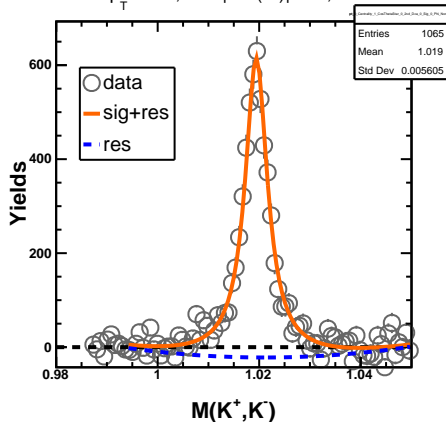
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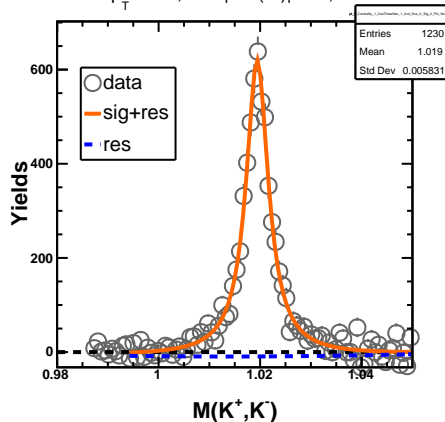
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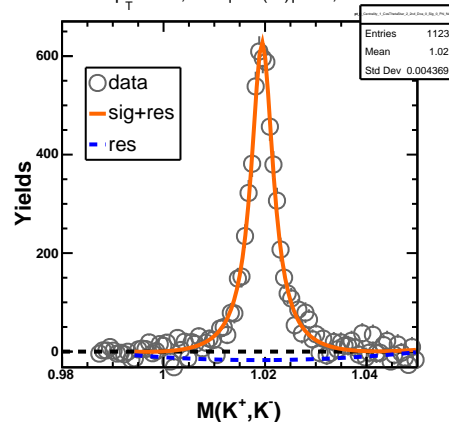
$1.00 < p_T < 1.60, 0/7 < |\cos(\theta^*)| < 1/7, \text{cent1}$



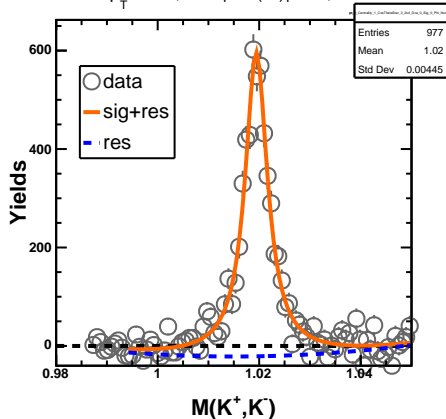
$1.00 < p_T < 1.60, 1/7 < |\cos(\theta^*)| < 2/7, \text{cent1}$



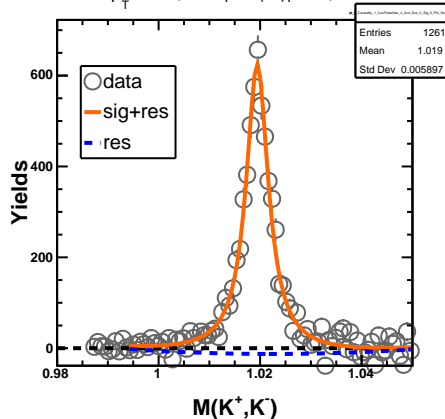
$1.00 < p_T < 1.60, 2/7 < |\cos(\theta^*)| < 3/7, \text{cent1}$



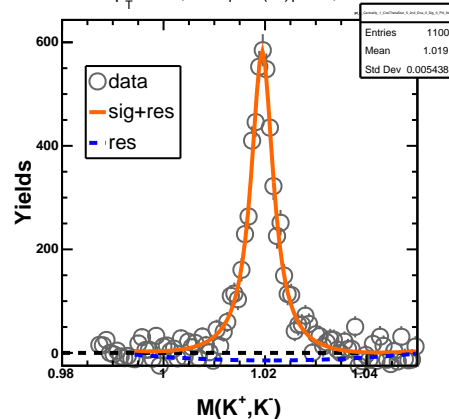
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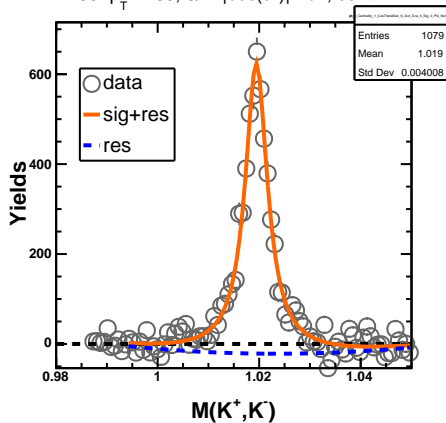
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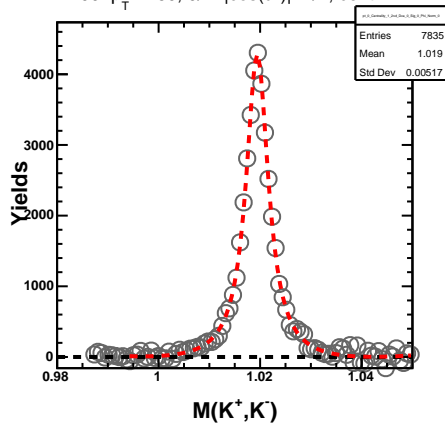
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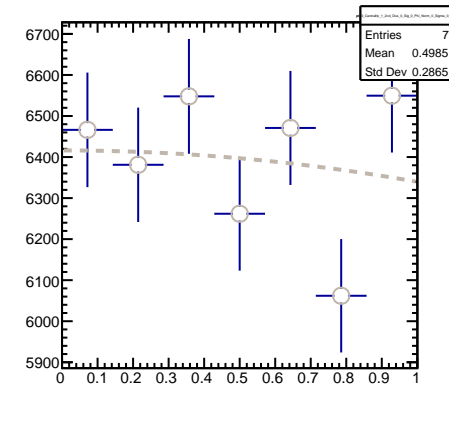
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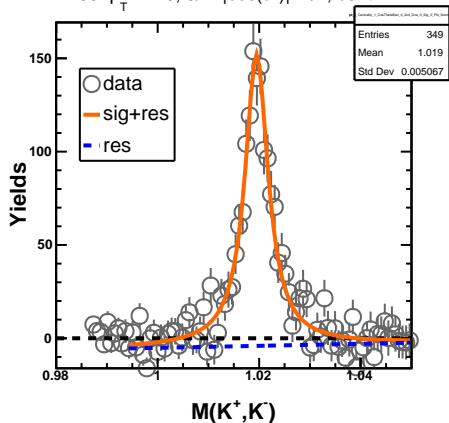
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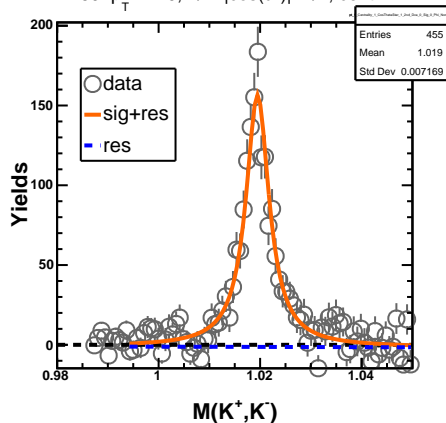
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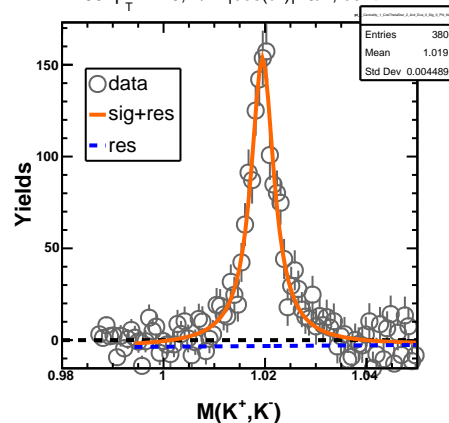
$1.60 < p_T < 2.40$ ,  $0/7 < |\cos(\theta^*)| < 1/7$ , cent1



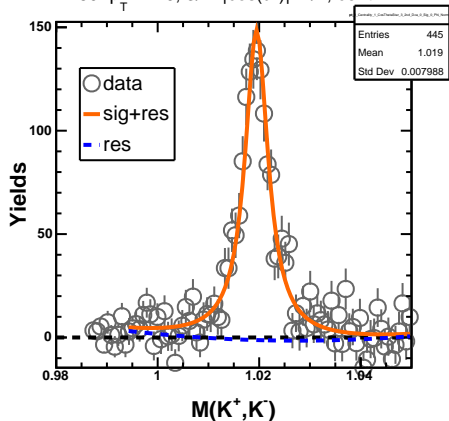
$1.60 < p_T < 2.40$ ,  $1/7 < |\cos(\theta^*)| < 2/7$ , cent1



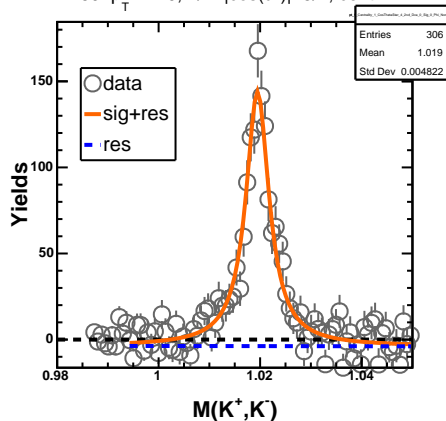
$1.60 < p_T < 2.40$ ,  $2/7 < |\cos(\theta^*)| < 3/7$ , cent1



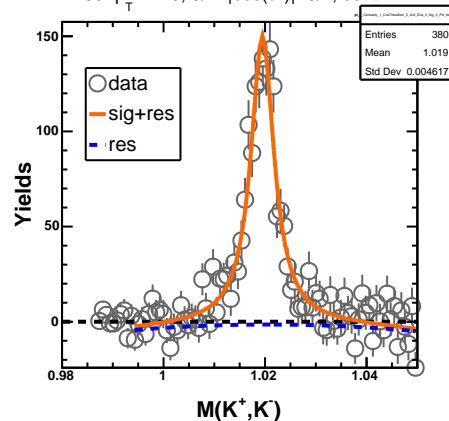
$1.60 < p_T < 2.40$ ,  $3/7 < |\cos(\theta^*)| < 4/7$ , cent1



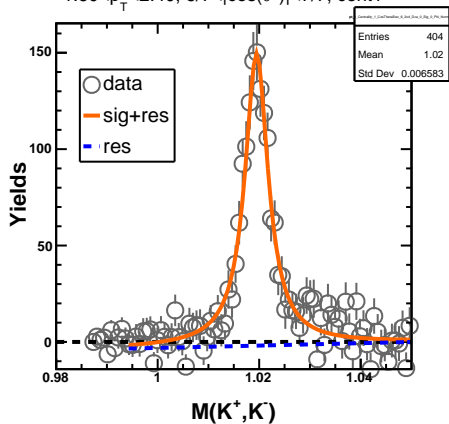
$1.60 < p_T < 2.40$ ,  $4/7 < |\cos(\theta^*)| < 5/7$ , cent1



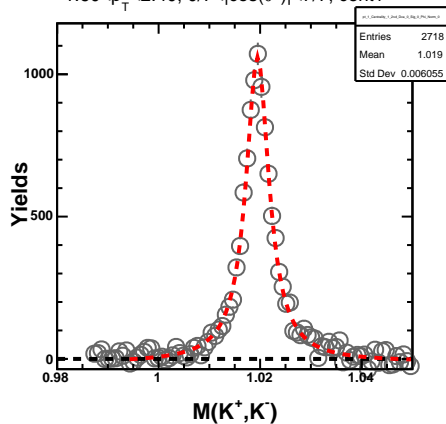
$1.60 < p_T < 2.40$ ,  $5/7 < |\cos(\theta^*)| < 6/7$ , cent1



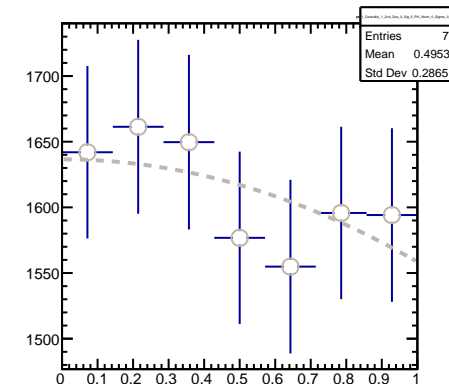
$1.60 < p_T < 2.40$ ,  $6/7 < |\cos(\theta^*)| < 7/7$ , cent1



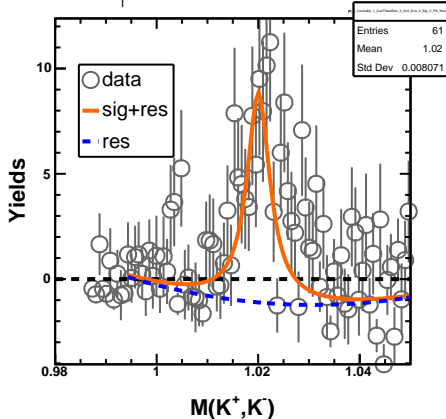
$1.60 < p_T < 2.40$ ,  $0/7 < |\cos(\theta^*)| < 7/7$ , cent1



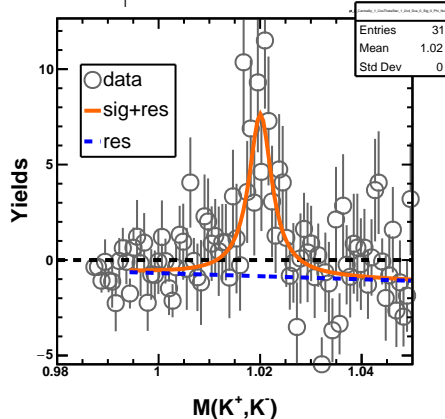
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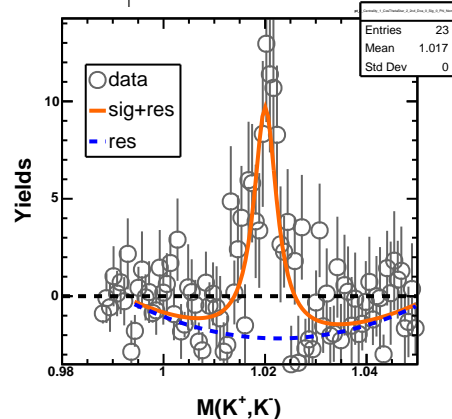
$2.40 < p_T < 5.00$ ,  $0/7 < |\cos(\theta^*)| < 1/7$ , cent1



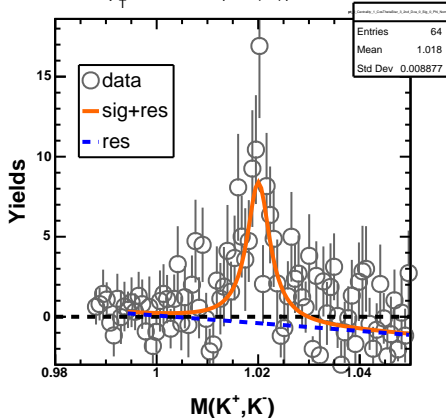
$2.40 < p_T < 5.00$ ,  $1/7 < |\cos(\theta^*)| < 2/7$ , cent1



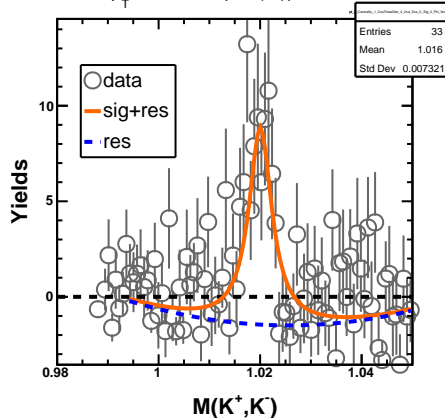
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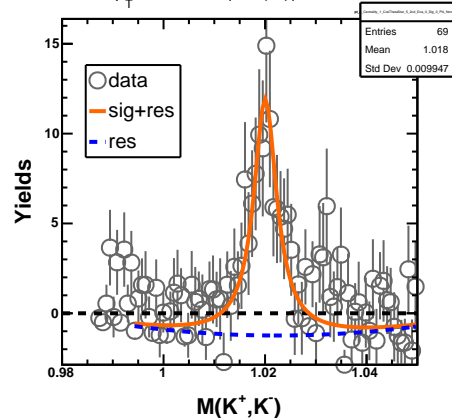
$2.40 < p_T < 5.00$ ,  $3/7 < |\cos(\theta^*)| < 4/7$ , cent1



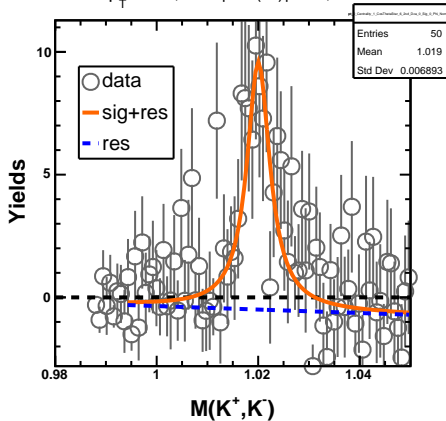
$2.40 < p_T < 5.00$ ,  $4/7 < |\cos(\theta^*)| < 5/7$ , cent1



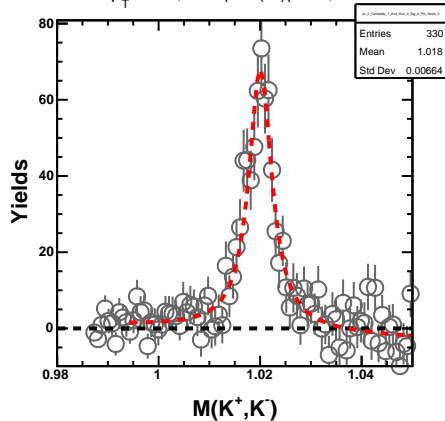
$2.40 < p_T < 5.00$ ,  $5/7 < |\cos(\theta^*)| < 6/7$ , cent1



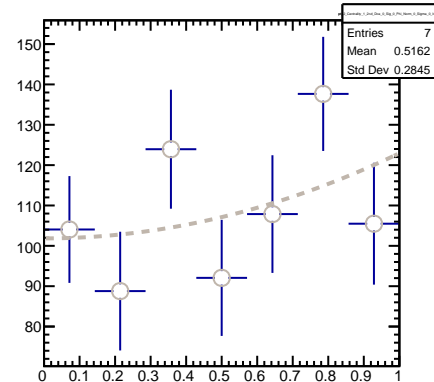
$2.40 < p_T < 5.00$ ,  $6/7 < |\cos(\theta^*)| < 7/7$ , cent1



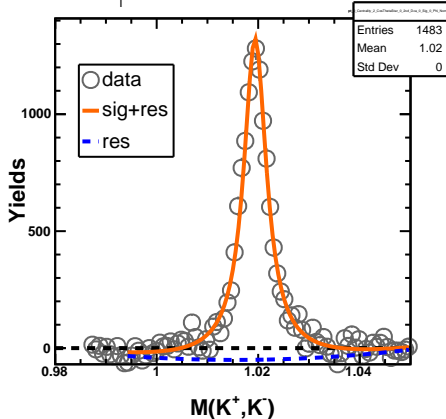
$2.40 < p_T < 5.00$ ,  $0/7 < |\cos(\theta^*)| < 7/7$ , cent1



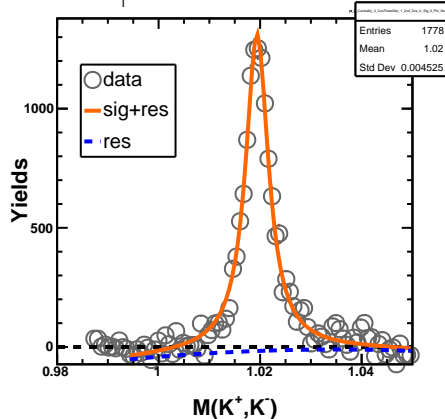
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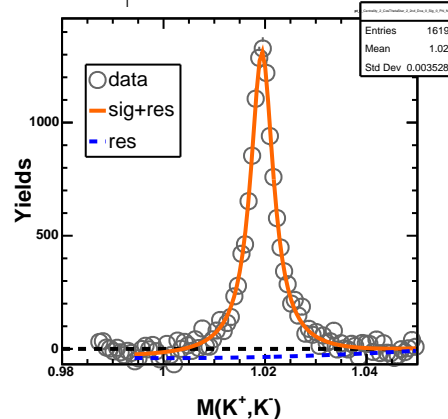
$1.00 < p_T < 1.60, 0/7 < |\cos(\theta^*)| < 1/7, \text{cent2}$



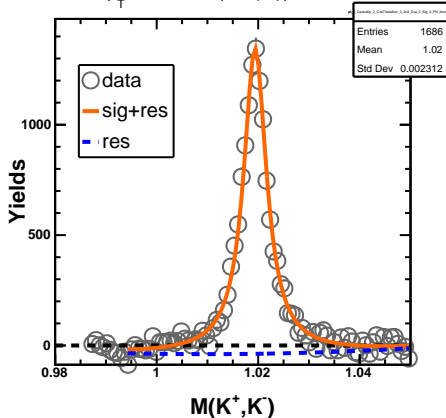
$1.00 < p_T < 1.60, 1/7 < |\cos(\theta^*)| < 2/7, \text{cent2}$



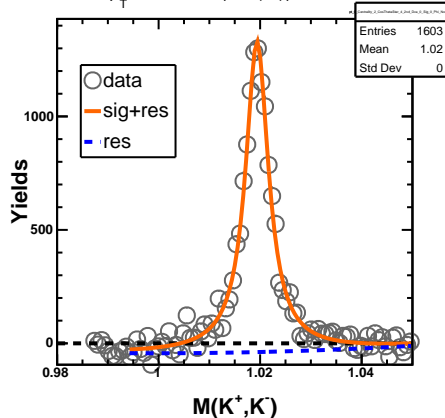
$1.00 < p_T < 1.60, 2/7 < |\cos(\theta^*)| < 3/7, \text{cent2}$



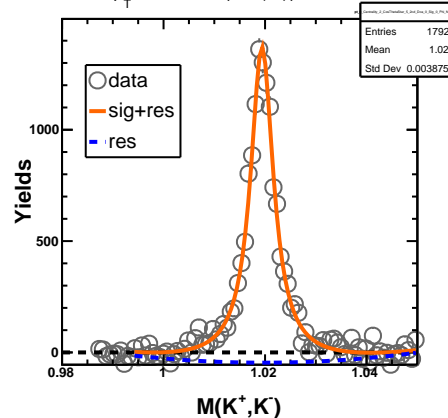
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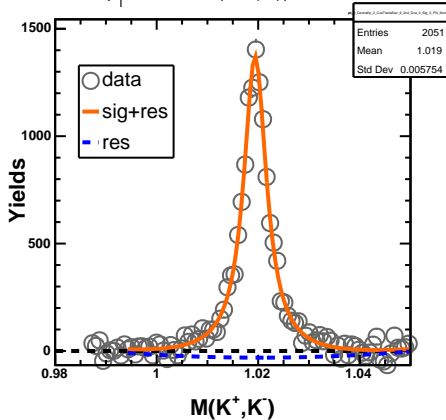
$1.00 < p_T < 1.60, 4/7 < |\cos(\theta^*)| < 5/7, \text{cent2}$



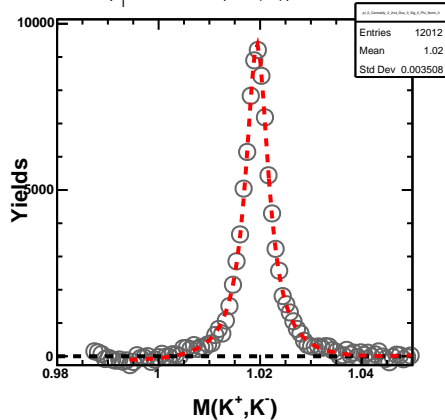
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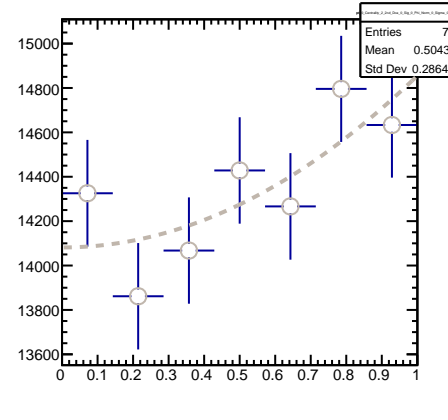
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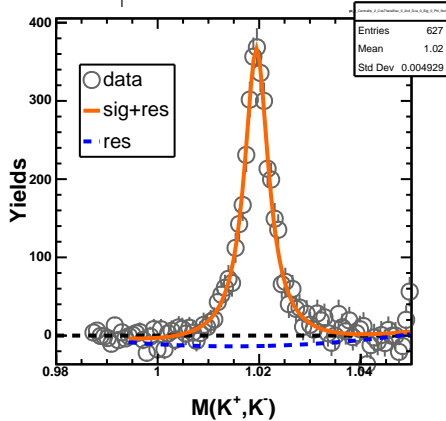
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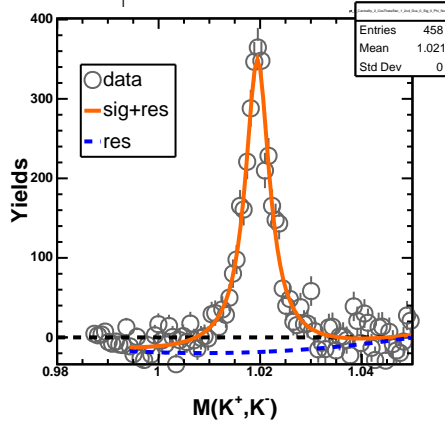
pt\_0\_Centrality\_2\_2nd\_Dca\_0\_Sig\_0\_Phi\_Norm\_0\_Sigma\_0\_Inte



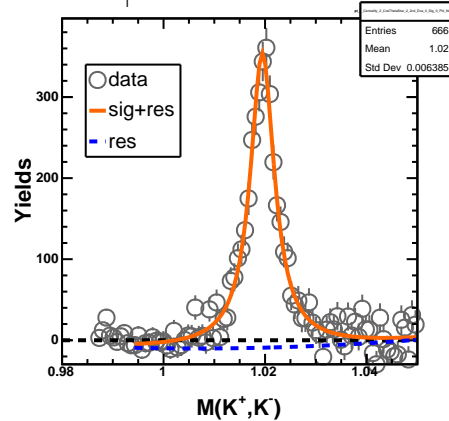
$1.60 < p_T < 2.40$ ,  $0/7 < |\cos(\theta^*)| < 1/7$ , cent2



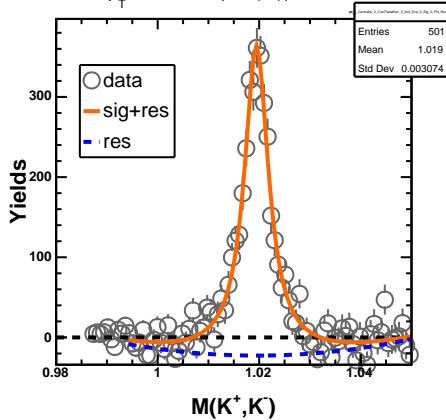
$1.60 < p_T < 2.40$ ,  $1/7 < |\cos(\theta^*)| < 2/7$ , cent2



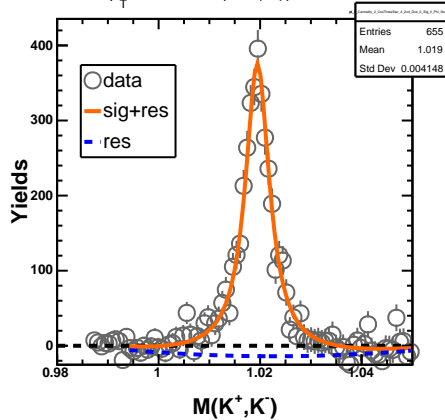
$1.60 < p_T < 2.40$ ,  $2/7 < |\cos(\theta^*)| < 3/7$ , cent2



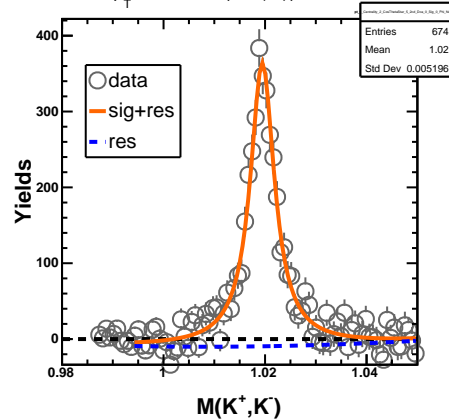
$1.60 < p_T < 2.40$ ,  $3/7 < |\cos(\theta^*)| < 4/7$ , cent2



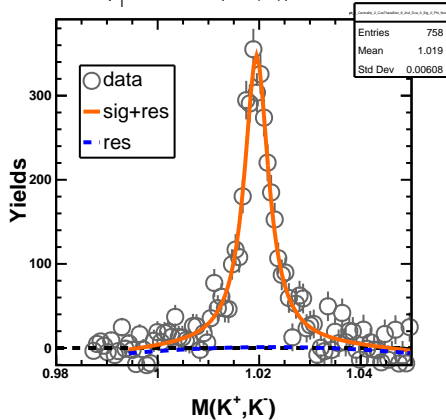
$1.60 < p_T < 2.40$ ,  $4/7 < |\cos(\theta^*)| < 5/7$ , cent2



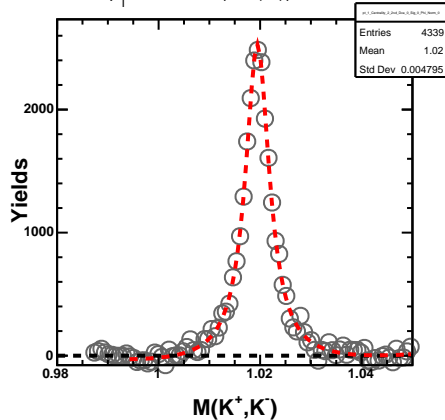
$1.60 < p_T < 2.40$ ,  $5/7 < |\cos(\theta^*)| < 6/7$ , cent2



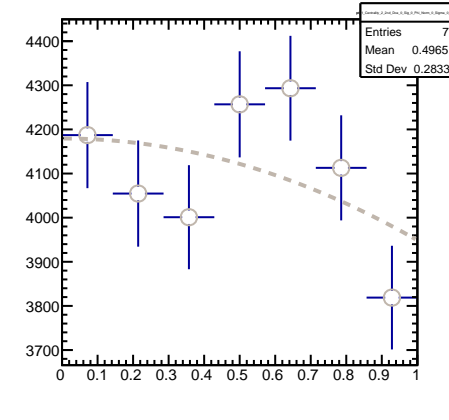
$1.60 < p_T < 2.40$ ,  $6/7 < |\cos(\theta^*)| < 7/7$ , cent2



$1.60 < p_T < 2.40$ ,  $0/7 < |\cos(\theta^*)| < 7/7$ , cent2

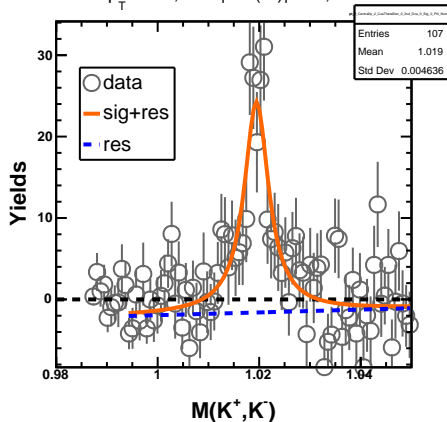


pt\_1\_Centrality\_2\_2nd\_Dca\_0\_Sig\_0\_Phi\_Norm\_0\_Sigma\_0\_Inte

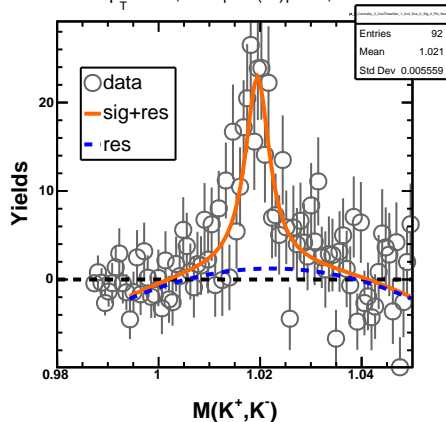




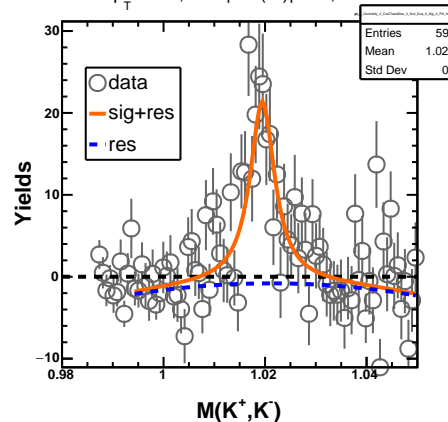
$2.40 < p_T < 5.00, 0/7 < |\cos(\theta^*)| < 1/7, \text{cent}2$



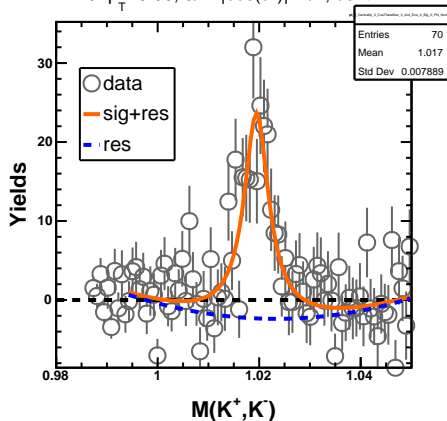
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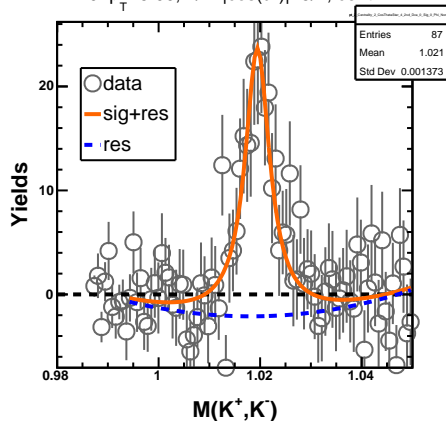
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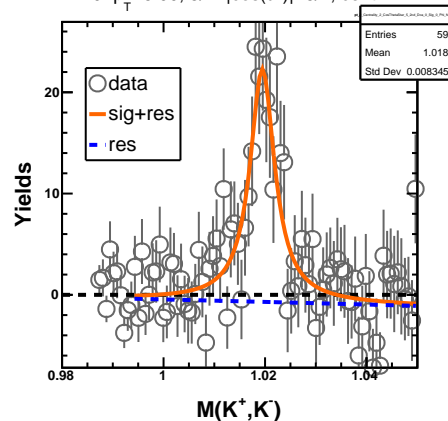
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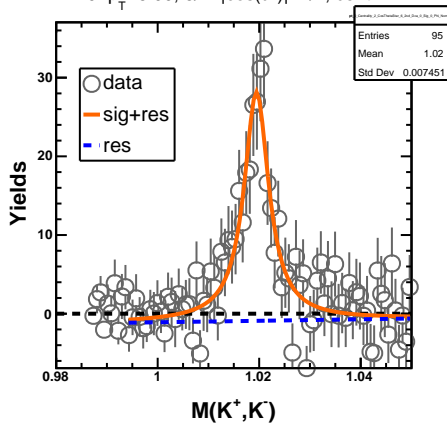
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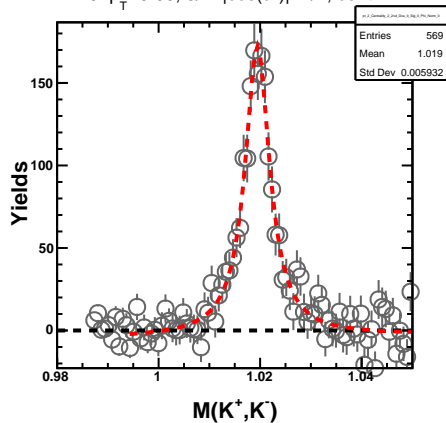
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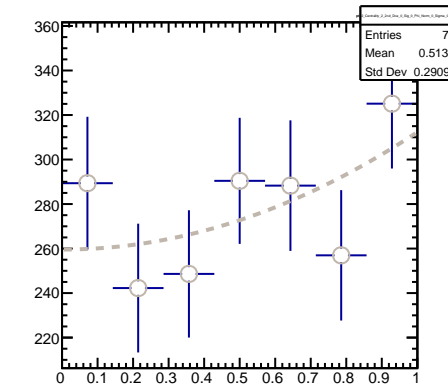
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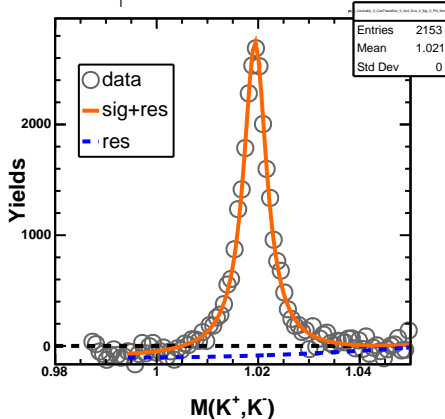
$2.40 < p_T < 5.00, 0/7 < |\cos(\theta^*)| < 7/7, \text{cent}2$



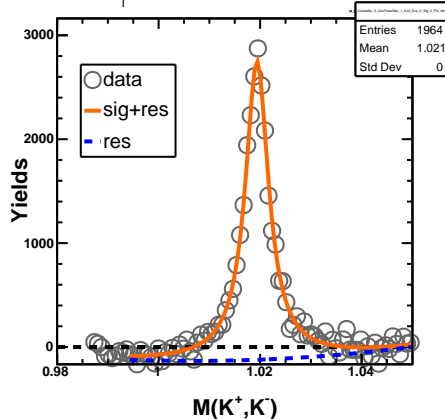
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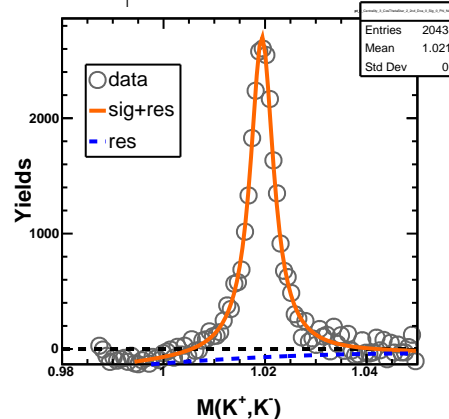
$1.00 < p_T < 1.60$ ,  $0/7 < |\cos(\theta^*)| < 1/7$ , cent3



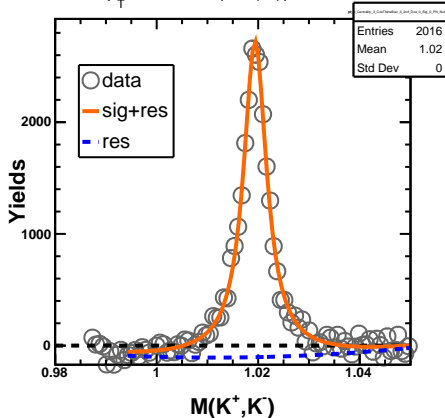
$1.00 < p_T < 1.60$ ,  $1/7 < |\cos(\theta^*)| < 2/7$ , cent3



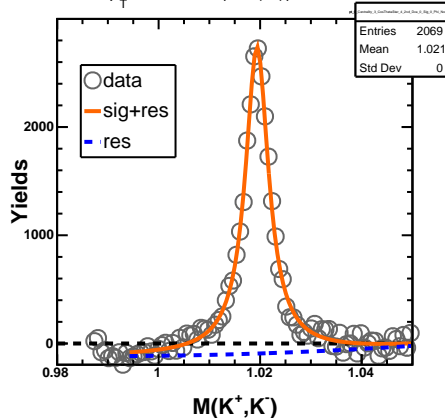
$1.00 < p_T < 1.60$ ,  $2/7 < |\cos(\theta^*)| < 3/7$ , cent3



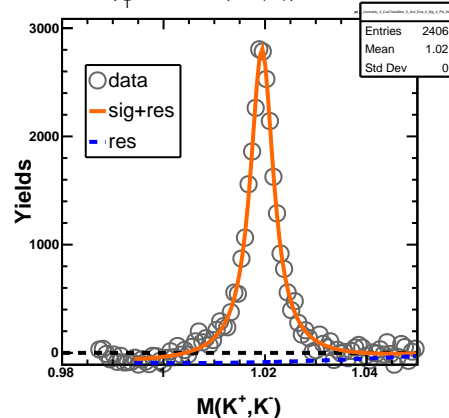
$1.00 < p_T < 1.60$ ,  $3/7 < |\cos(\theta^*)| < 4/7$ , cent3



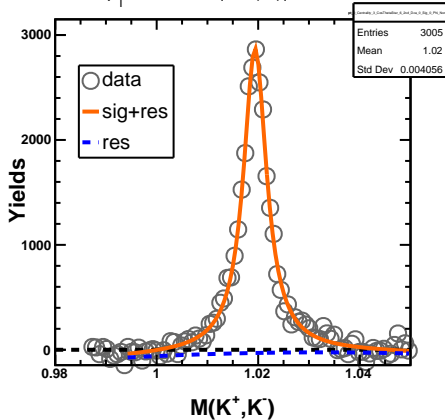
$1.00 < p_T < 1.60$ ,  $4/7 < |\cos(\theta^*)| < 5/7$ , cent3



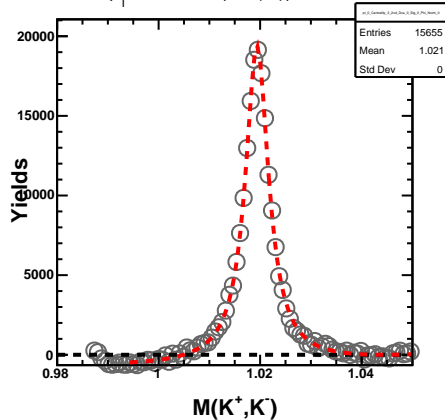
$1.00 < p_T < 1.60$ ,  $5/7 < |\cos(\theta^*)| < 6/7$ , cent3



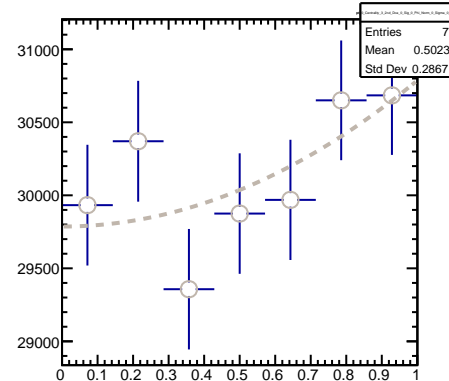
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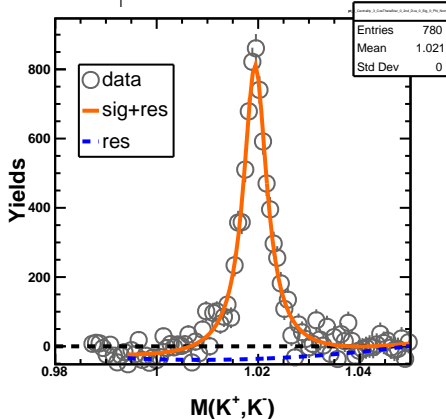
$1.00 < p_T < 1.60$ ,  $0/7 < |\cos(\theta^*)| < 7/7$ , cent3



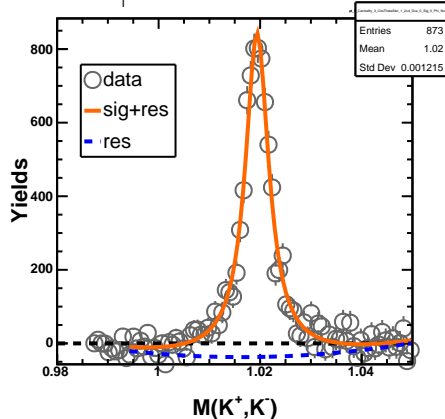
pt\_0\_Centrality\_3\_2nd\_Dca\_0\_Sig\_0\_Phi\_Norm\_0\_Sigma\_0\_Inte



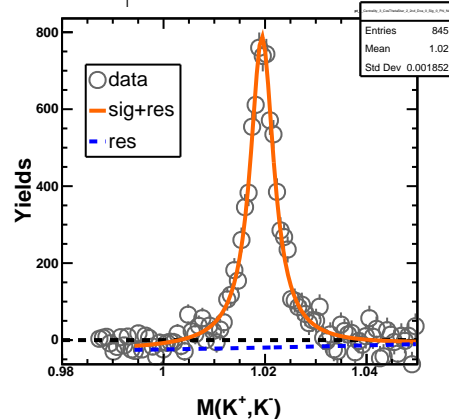
$1.60 < p_T < 2.40, 0/7 < |\cos(\theta^*)| < 1/7, \text{cent3}$



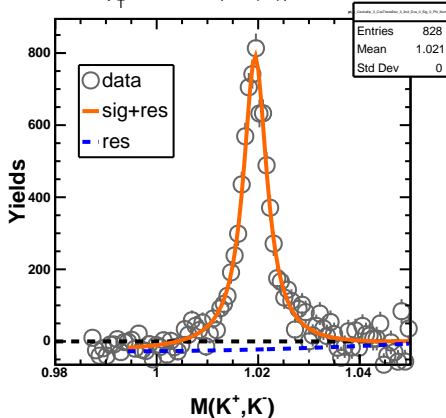
$1.60 < p_T < 2.40, 1/7 < |\cos(\theta^*)| < 2/7, \text{cent3}$



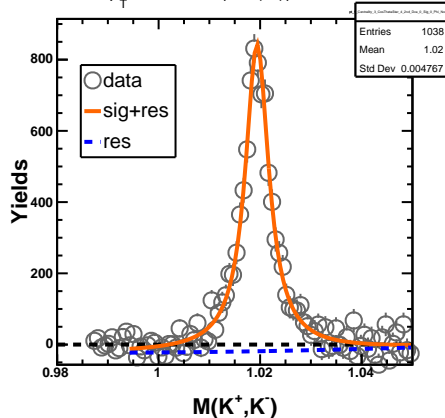
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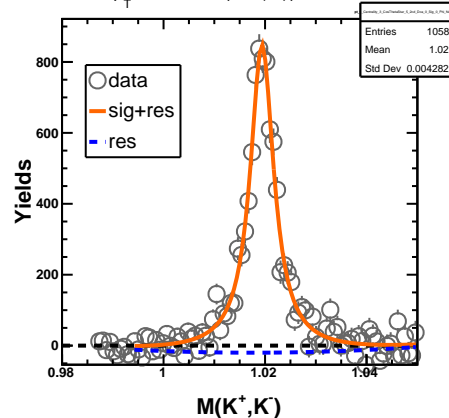
$1.60 < p_T < 2.40, 3/7 < |\cos(\theta^*)| < 4/7, \text{cent3}$



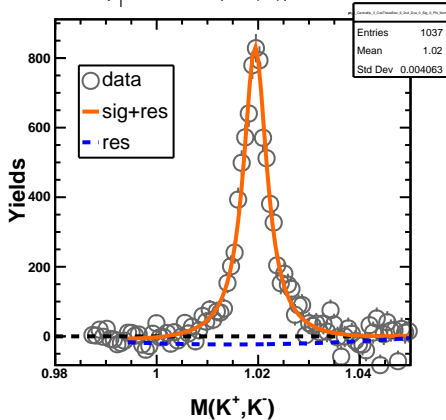
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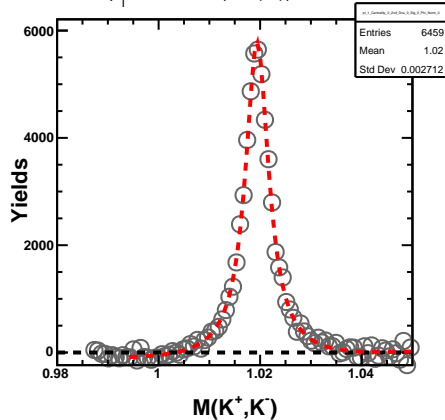
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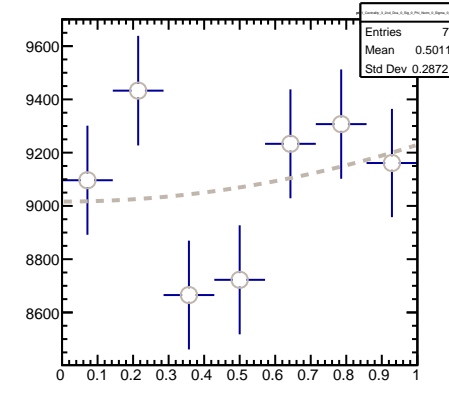
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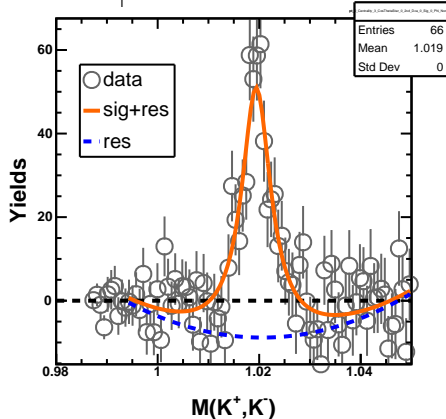
$1.60 < p_T < 2.40, 0/7 < |\cos(\theta^*)| < 7/7, \text{cent3}$



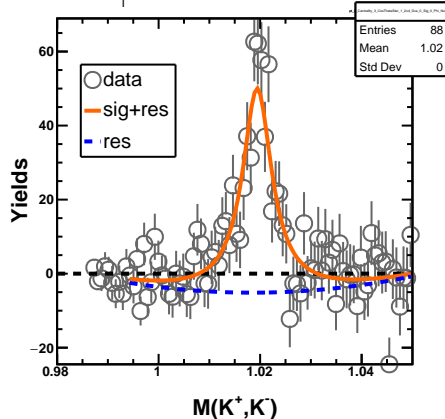
pt\_1\_Centrality\_3\_2nd\_Dca\_0\_Sig\_0\_Phi\_Norm\_0\_Sigma\_0\_Inte



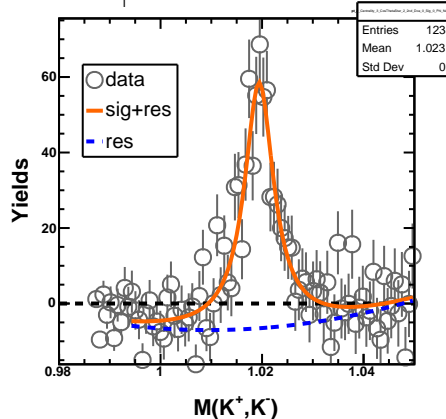
$2.40 < p_T < 5.00$ ,  $0/7 < |\cos(\theta^*)| < 1/7$ , cent3



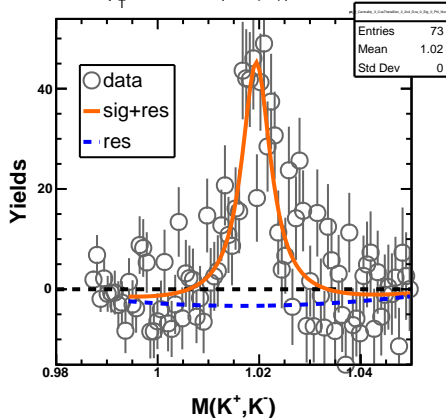
$2.40 < p_T < 5.00$ ,  $1/7 < |\cos(\theta^*)| < 2/7$ , cent3



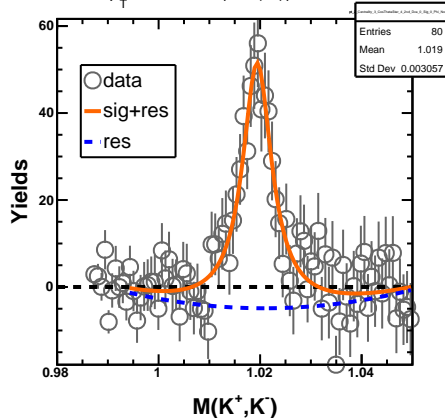
$2.40 < p_T < 5.00$ ,  $2/7 < |\cos(\theta^*)| < 3/7$ , cent3



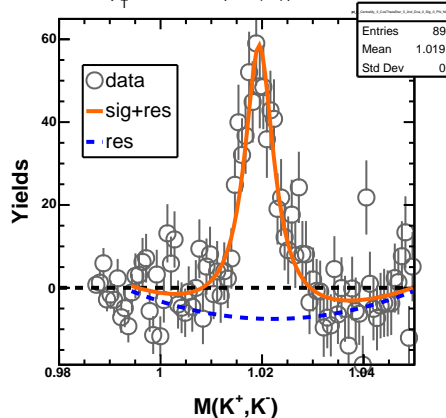
$2.40 < p_T < 5.00$ ,  $3/7 < |\cos(\theta^*)| < 4/7$ , cent3



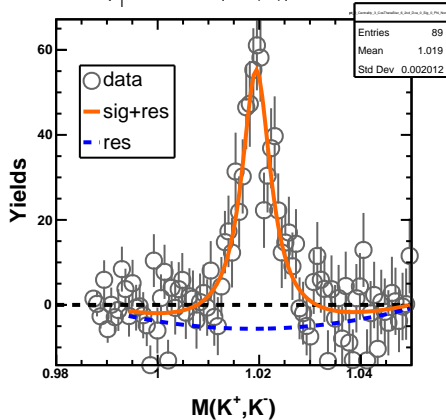
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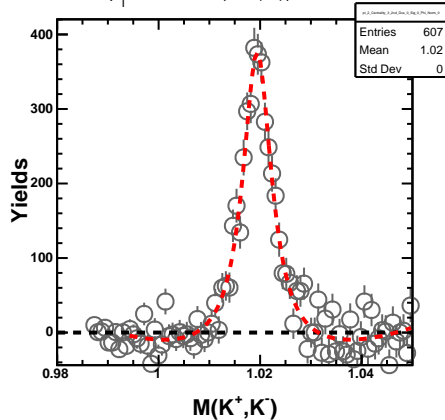
$2.40 < p_T < 5.00$ ,  $5/7 < |\cos(\theta^*)| < 6/7$ , cent3



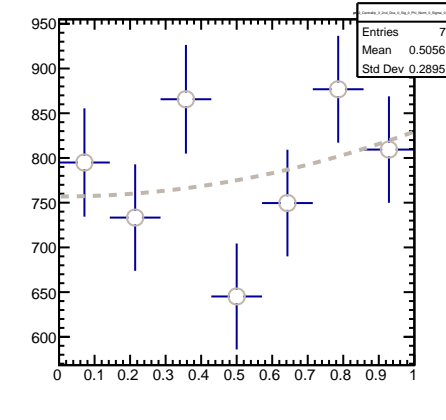
$2.40 < p_T < 5.00$ ,  $6/7 < |\cos(\theta^*)| < 7/7$ , cent3



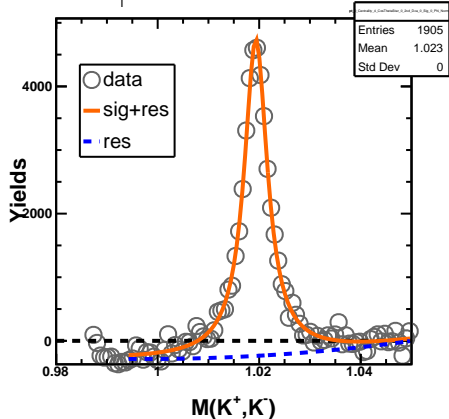
$2.40 < p_T < 5.00$ ,  $0/7 < |\cos(\theta^*)| < 7/7$ , cent3



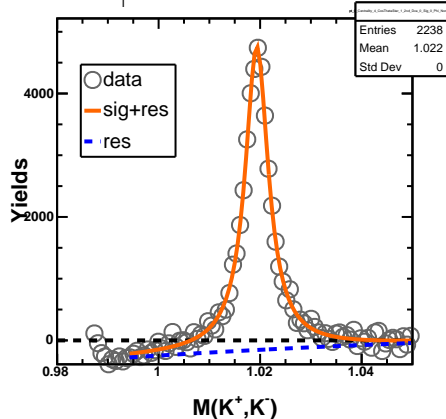
pt\_2\_Centrality\_3\_2nd\_Dca\_0\_Sig\_0\_Phi\_Norm\_0\_Sigma\_0\_Inte



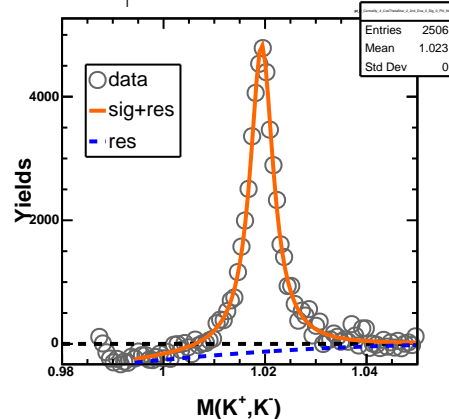
$1.00 < p_T < 1.60$ ,  $0/7 < |\cos(\theta^*)| < 1/7$ , cent4



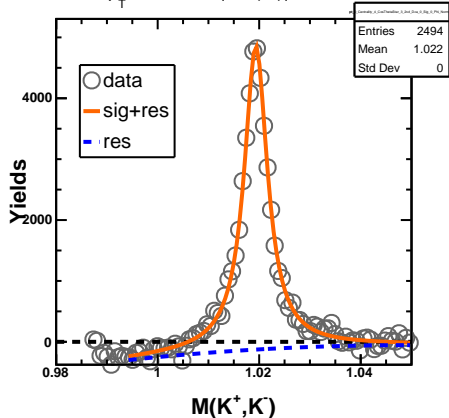
$1.00 < p_T < 1.60$ ,  $1/7 < |\cos(\theta^*)| < 2/7$ , cent4



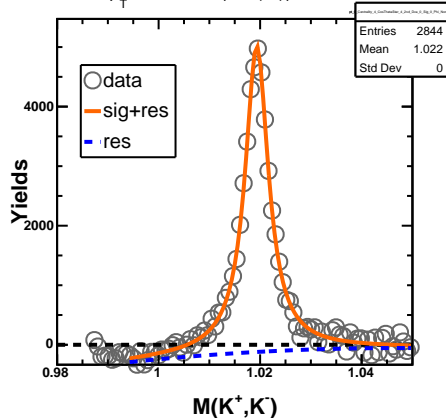
$1.00 < p_T < 1.60$ ,  $2/7 < |\cos(\theta^*)| < 3/7$ , cent4



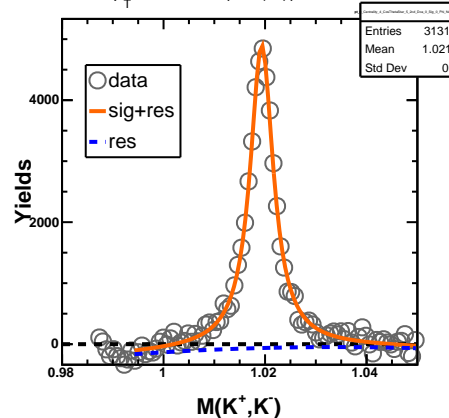
$1.00 < p_T < 1.60$ ,  $3/7 < |\cos(\theta^*)| < 4/7$ , cent4



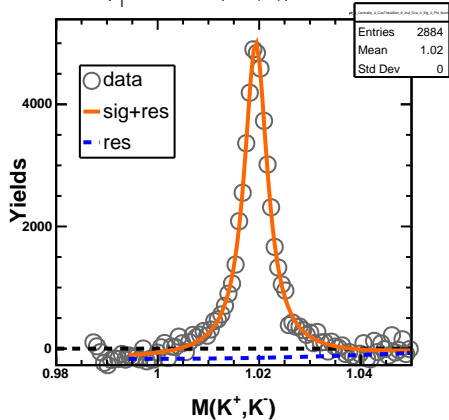
$1.00 < p_T < 1.60$ ,  $4/7 < |\cos(\theta^*)| < 5/7$ , cent4



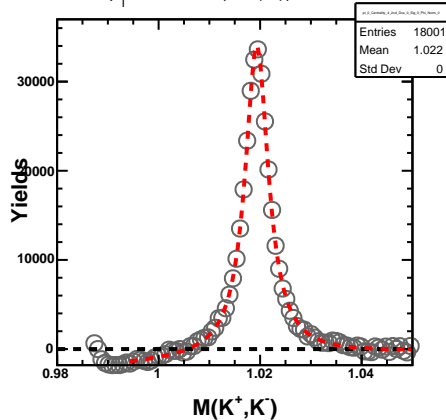
$1.00 < p_T < 1.60$ ,  $5/7 < |\cos(\theta^*)| < 6/7$ , cent4



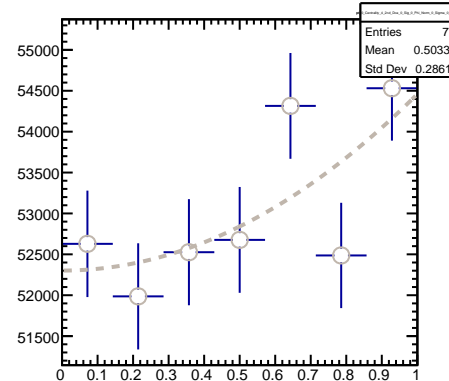
$1.00 < p_T < 1.60$ ,  $6/7 < |\cos(\theta^*)| < 7/7$ , cent4



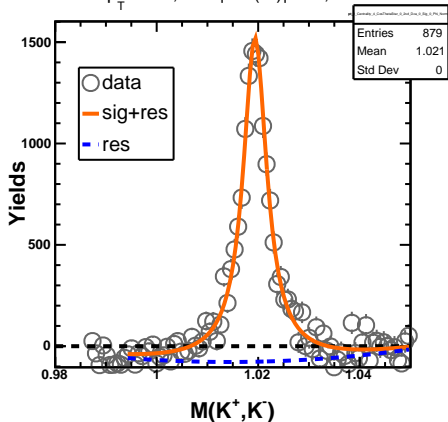
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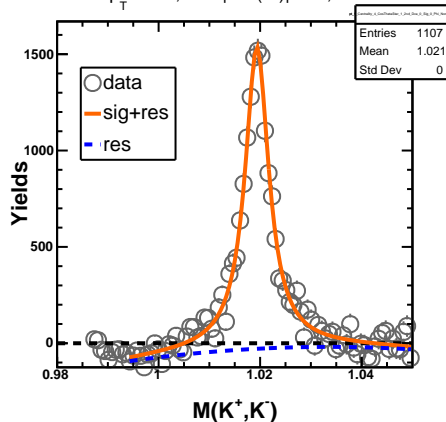
pt\_0\_Centrality\_4\_2nd\_Dca\_0\_Sig\_0\_Phi\_Norm\_0\_Sigma\_0\_Inte



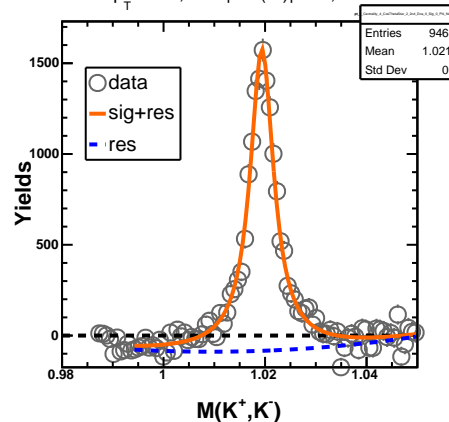
$1.60 < p_T < 2.40, 0/7 < |\cos(\theta^*)| < 1/7, \text{cent4}$



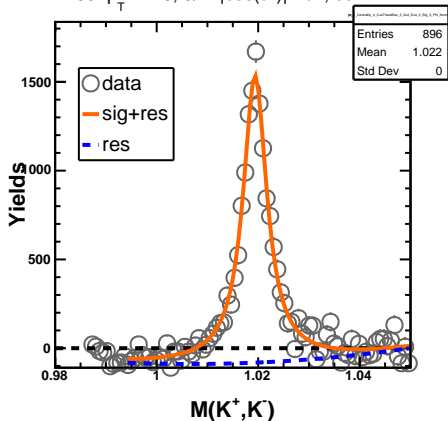
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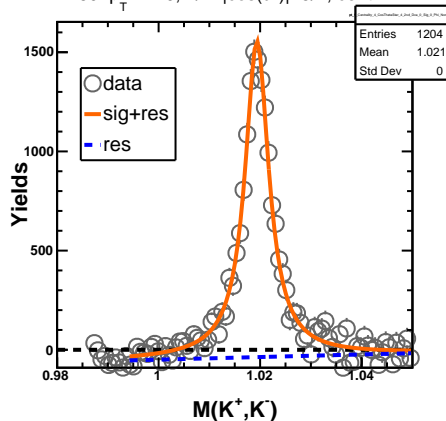
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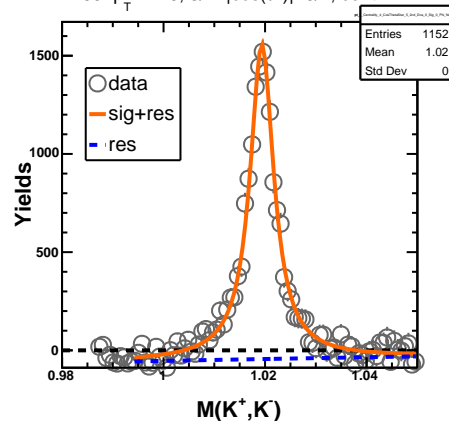
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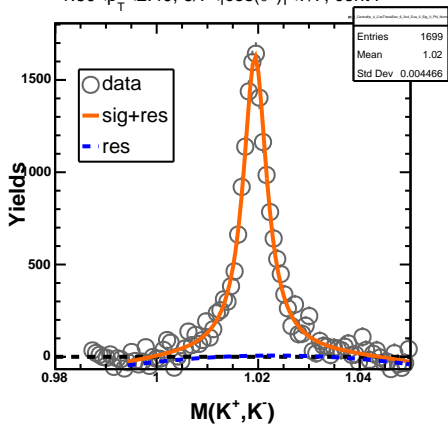
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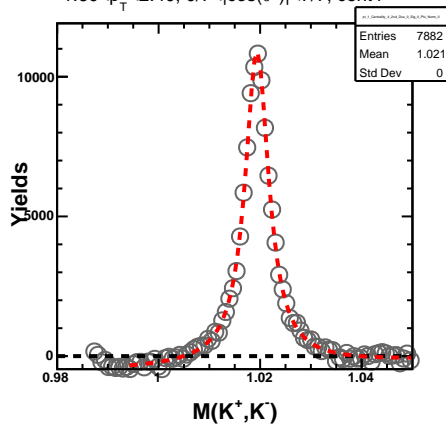
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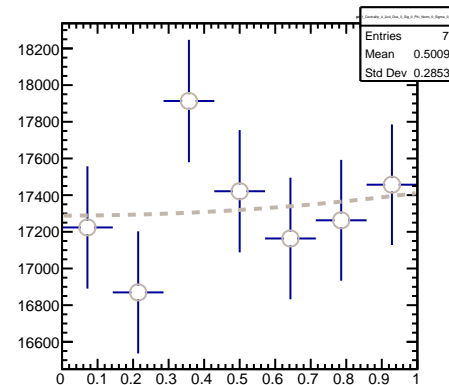
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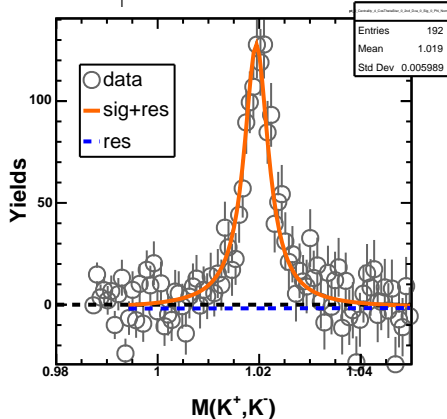
$1.60 < p_T < 2.40, 0/7 < |\cos(\theta^*)| < 7/7, \text{cent4}$



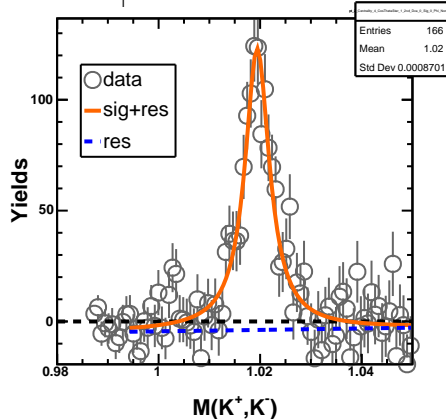
pt\_1\_Centrality\_4\_2nd\_Dca\_0\_Sig\_0\_Phi\_Norm\_0\_Sigma\_0\_Inte



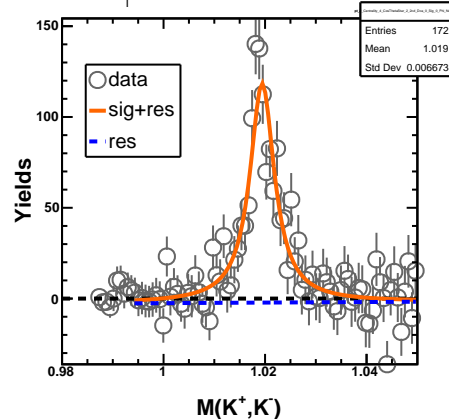
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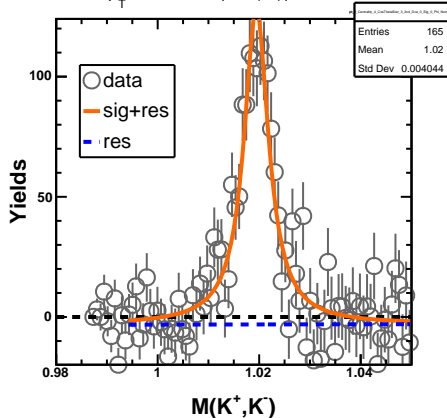
$2.40 < p_T < 5.00$ ,  $1/7 < |\cos(\theta^*)| < 2/7$ , cent4



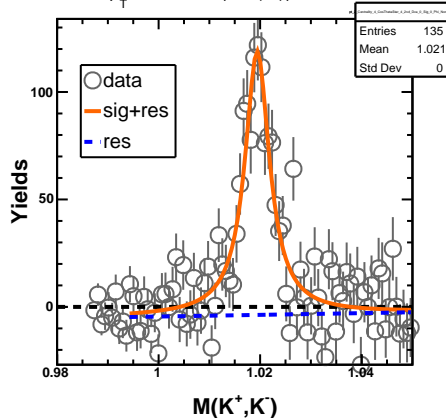
$2.40 < p_T < 5.00$ ,  $2/7 < |\cos(\theta^*)| < 3/7$ , cent4



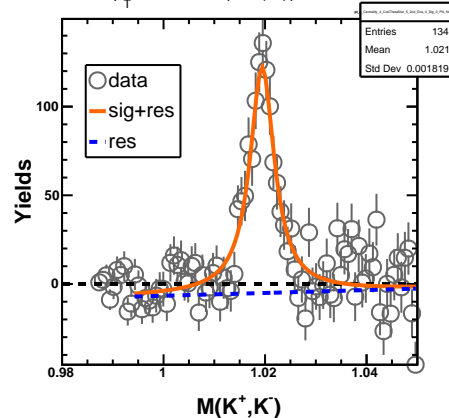
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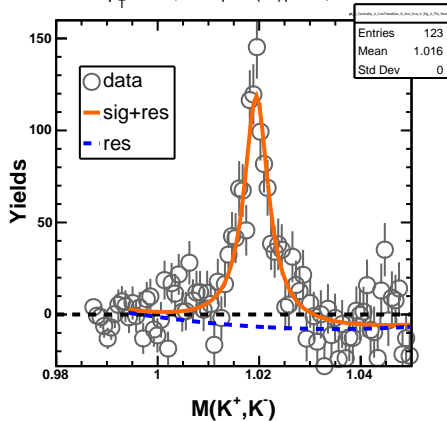
$2.40 < p_T < 5.00$ ,  $4/7 < |\cos(\theta^*)| < 5/7$ , cent4



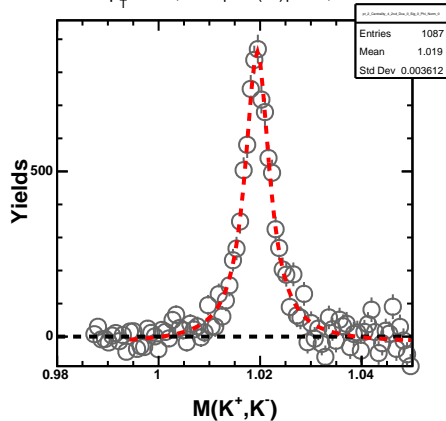
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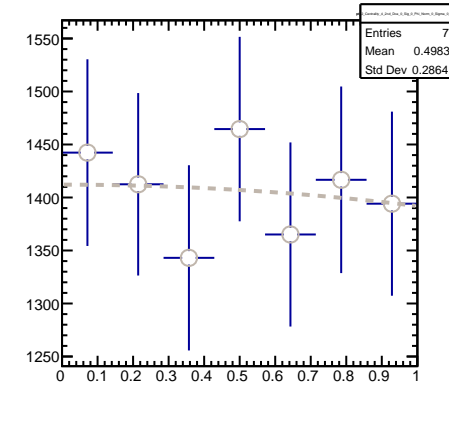
$2.40 < p_T < 5.00$ ,  $6/7 < |\cos(\theta^*)| < 7/7$ , cent4



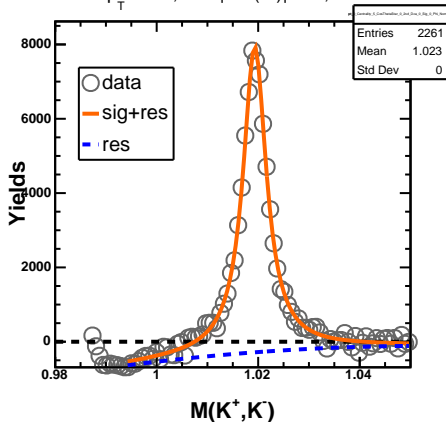
$2.40 < p_T < 5.00$ ,  $0/7 < |\cos(\theta^*)| < 7/7$ , cent4



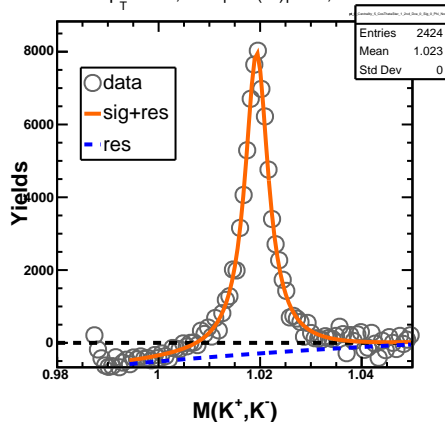
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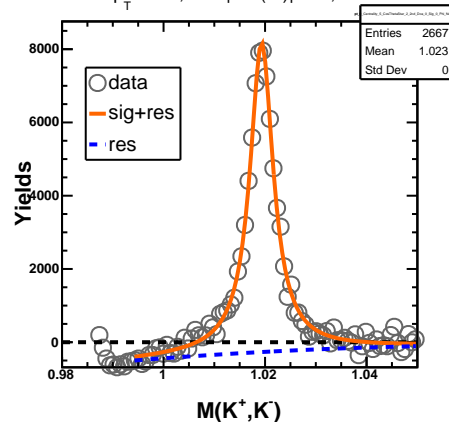
$1.00 < p_T < 1.60$ ,  $0/7 < |\cos(\theta^*)| < 1/7$ , cent5



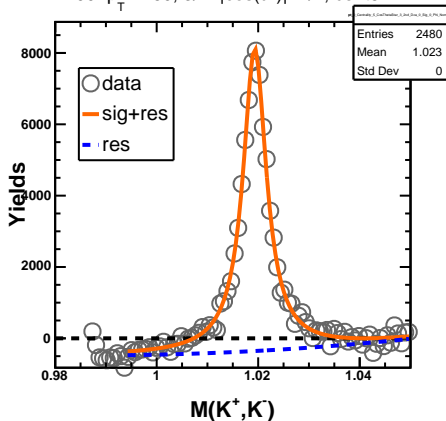
$1.00 < p_T < 1.60$ ,  $1/7 < |\cos(\theta^*)| < 2/7$ , cent5



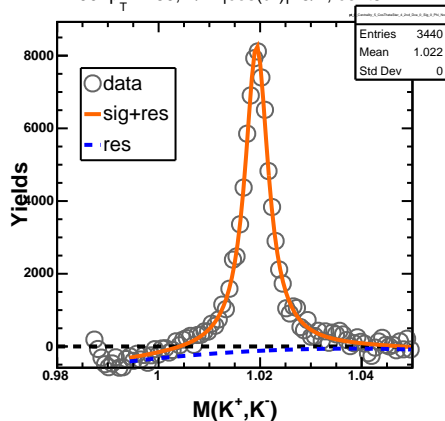
$1.00 < p_T < 1.60$ ,  $2/7 < |\cos(\theta^*)| < 3/7$ , cent5



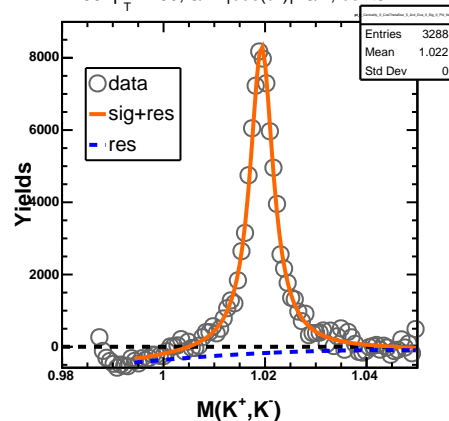
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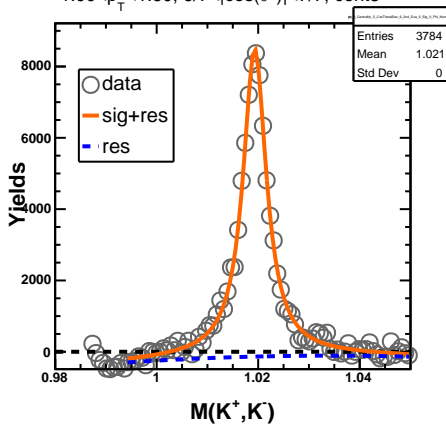
$1.00 < p_T < 1.60$ ,  $4/7 < |\cos(\theta^*)| < 5/7$ , cent5



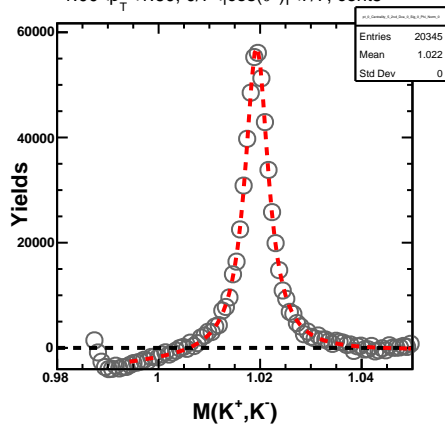
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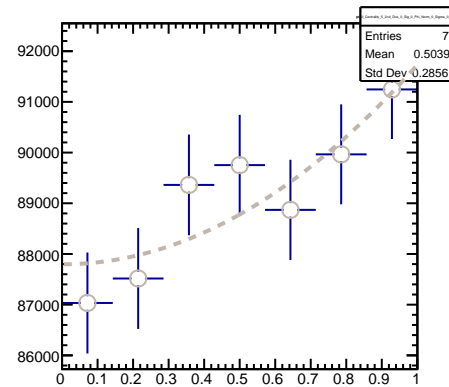
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$1.00 < p_T < 1.60$ ,  $0/7 < |\cos(\theta^*)| < 7/7$ , cent5

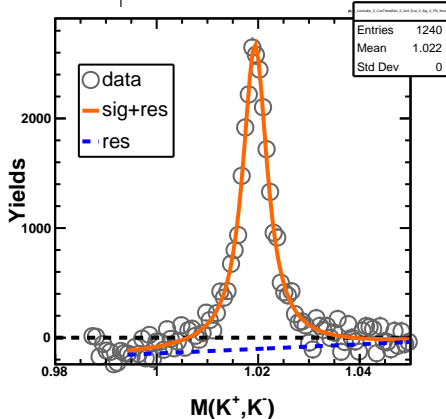


pt\_0\_Centrality\_5\_2nd\_Dca\_0\_Sig\_0\_Phi\_Norm\_0\_Sigma\_0\_Inte

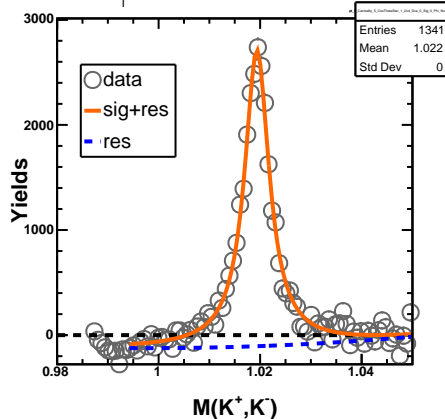




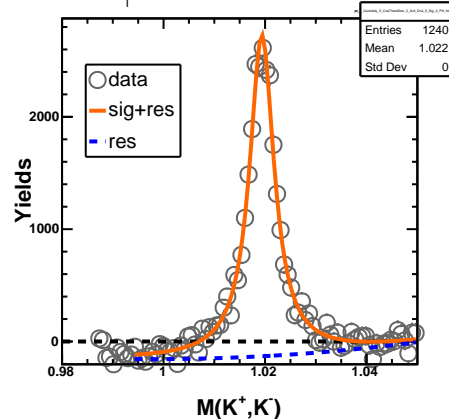
$1.60 < p_T < 2.40$ ,  $0/7 < |\cos(\theta^*)| < 1/7$ , cent5



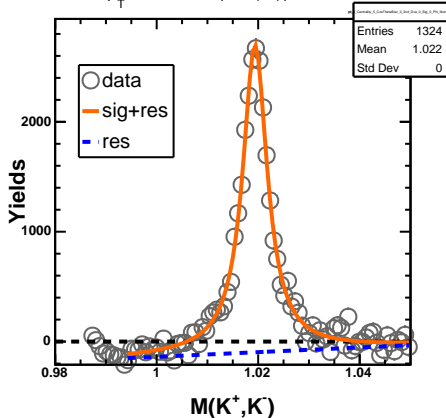
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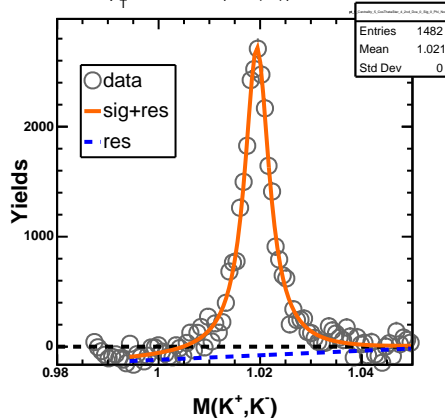
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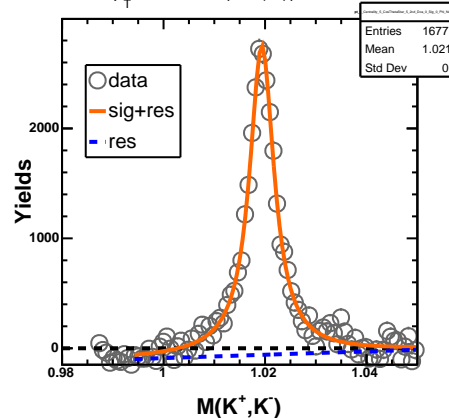
$1.60 < p_T < 2.40$ ,  $3/7 < |\cos(\theta^*)| < 4/7$ , cent5



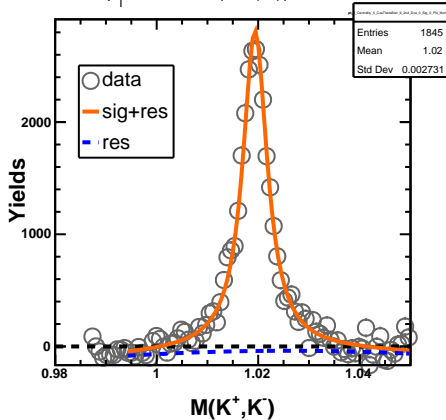
$1.60 < p_T < 2.40$ ,  $4/7 < |\cos(\theta^*)| < 5/7$ , cent5



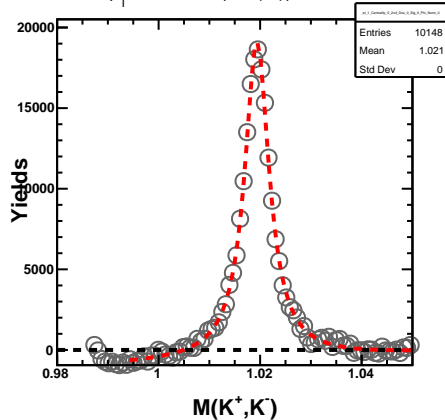
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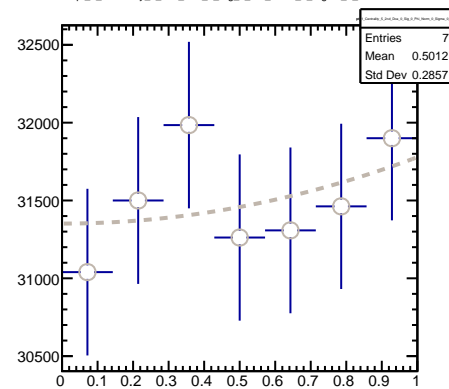
$1.60 < p_T < 2.40$ ,  $6/7 < |\cos(\theta^*)| < 7/7$ , cent5



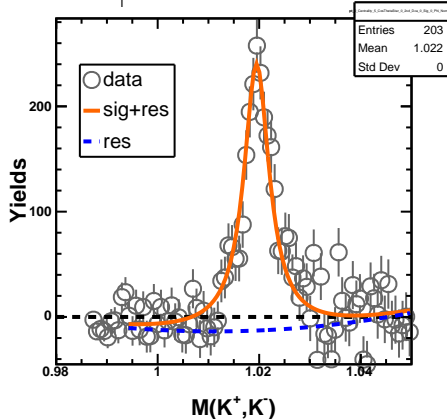
$1.60 < p_T < 2.40$ ,  $0/7 < |\cos(\theta^*)| < 7/7$ , cent5



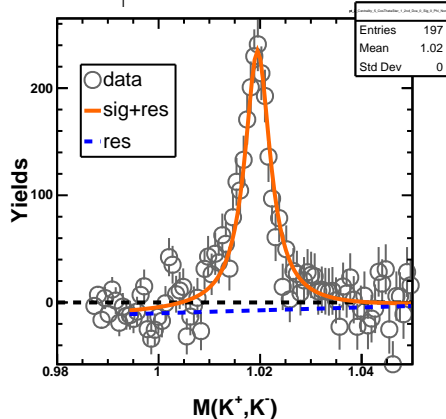
pt\_1\_Centrality\_5\_2nd\_Dca\_0\_Sig\_0\_Phi\_Norm\_0\_Sigma\_0\_Inte



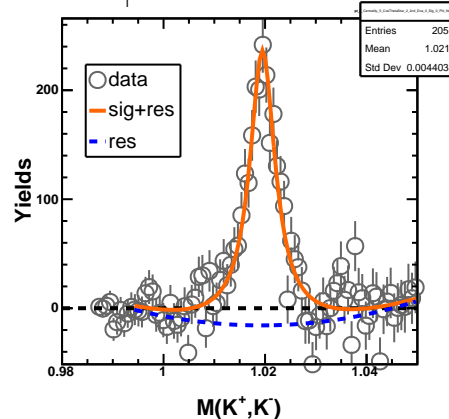
$2.40 < p_T < 5.00$ ,  $0/7 < |\cos(\theta^*)| < 1/7$ , cent5



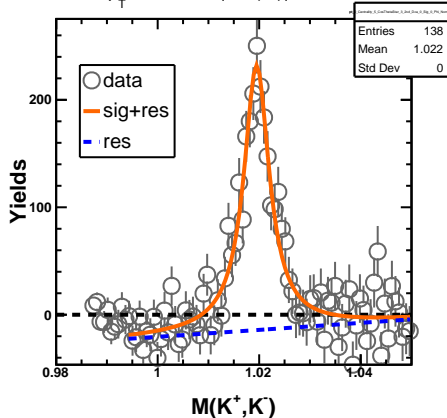
$2.40 < p_T < 5.00$ ,  $1/7 < |\cos(\theta^*)| < 2/7$ , cent5



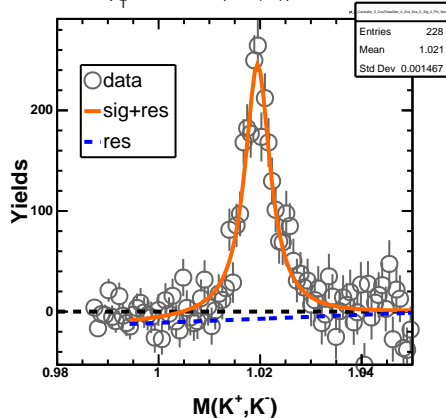
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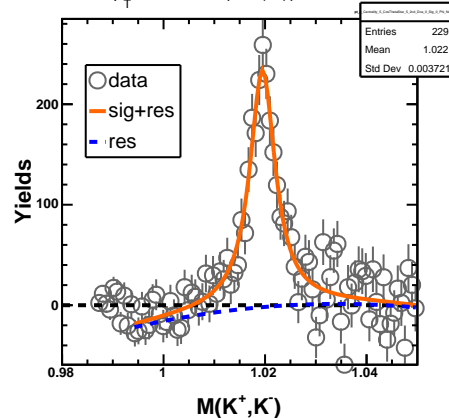
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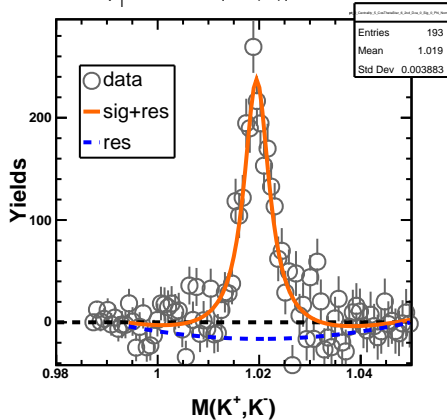
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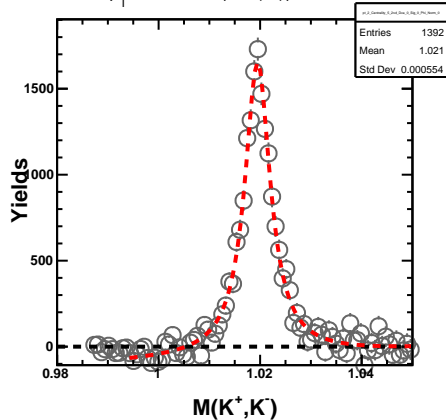
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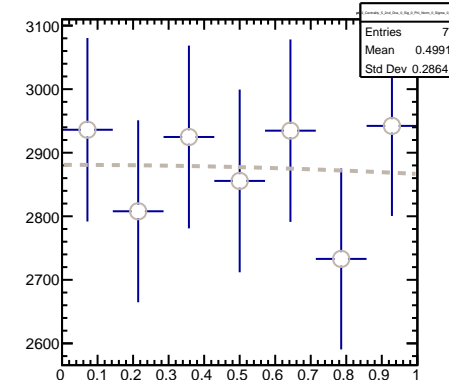
$2.40 < p_T < 5.00$ ,  $6/7 < |\cos(\theta^*)| < 7/7$ , cent5



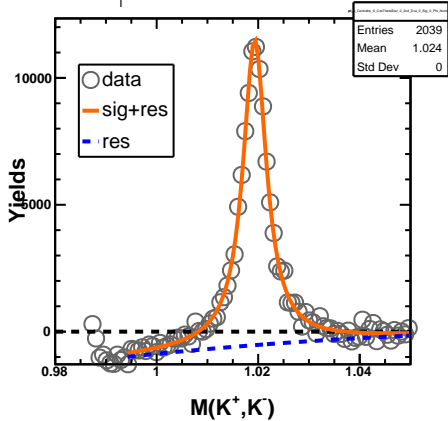
$2.40 < p_T < 5.00$ ,  $0/7 < |\cos(\theta^*)| < 7/7$ , cent5



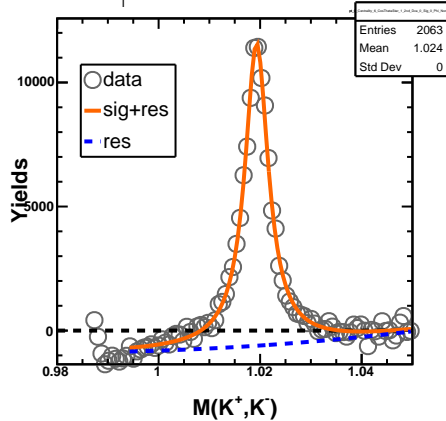
pt\_2\_Centrality\_5\_2nd\_Dca\_0\_Sig\_0\_Phi\_Norm\_0\_Sigma\_0\_Inte



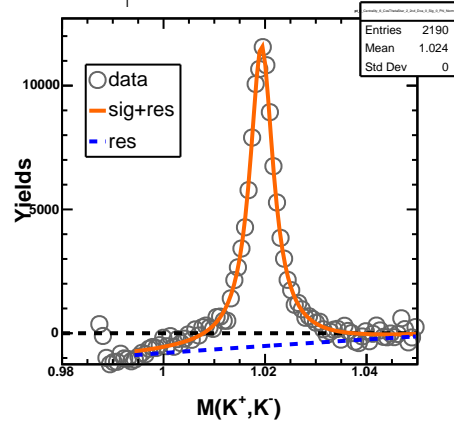
$1.00 < p_T < 1.60$ ,  $0/7 < |\cos(\theta^*)| < 1/7$ , cent6



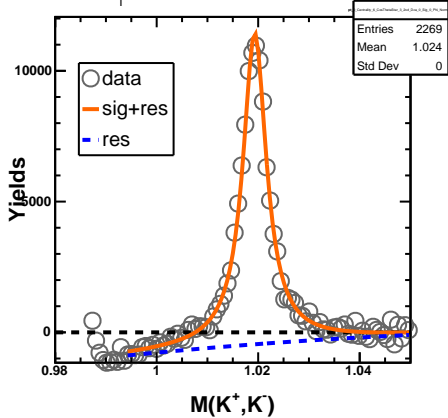
$1.00 < p_T < 1.60$ ,  $1/7 < |\cos(\theta^*)| < 2/7$ , cent6



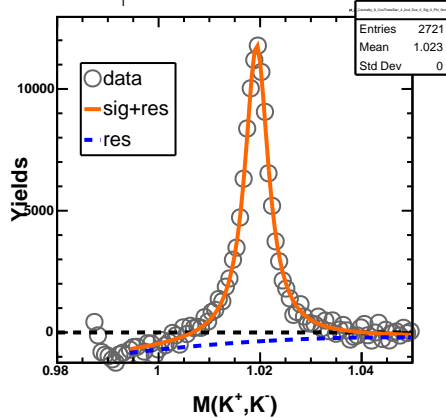
$1.00 < p_T < 1.60$ ,  $2/7 < |\cos(\theta^*)| < 3/7$ , cent6



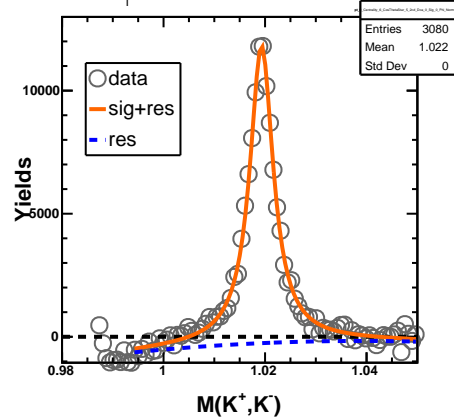
$1.00 < p_T < 1.60$ ,  $3/7 < |\cos(\theta^*)| < 4/7$ , cent6



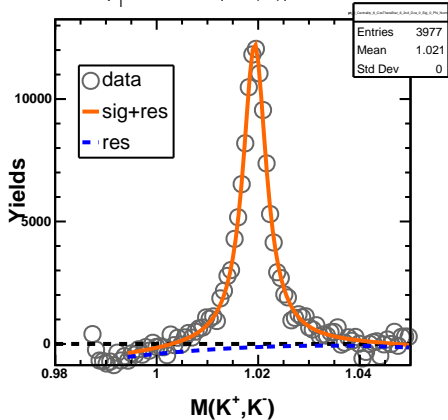
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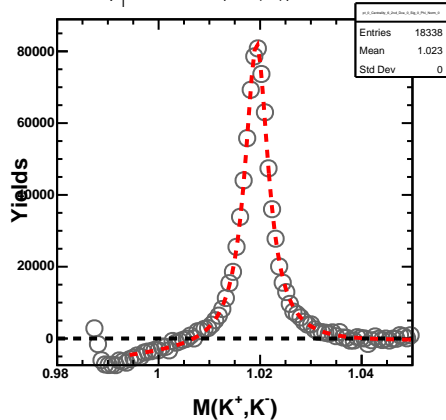
$1.00 < p_T < 1.60$ ,  $5/7 < |\cos(\theta^*)| < 6/7$ , cent6



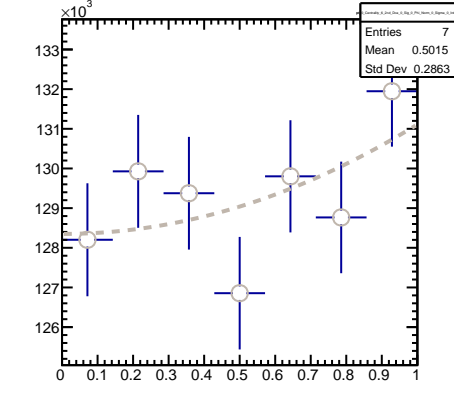
$1.00 < p_T < 1.60$ ,  $6/7 < |\cos(\theta^*)| < 7/7$ , cent6



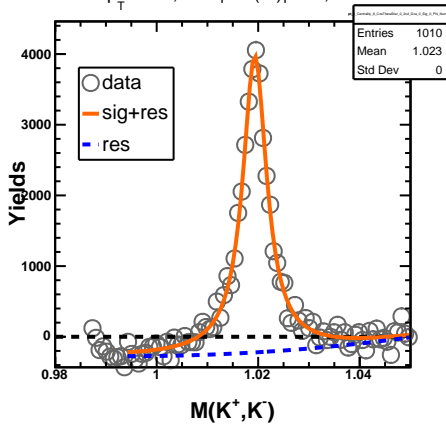
$1.00 < p_T < 1.60$ ,  $0/7 < |\cos(\theta^*)| < 7/7$ , cent6



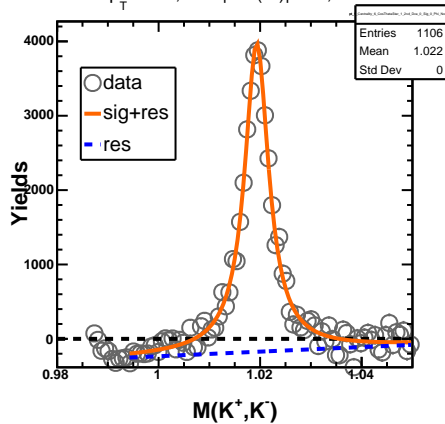
pt\_0\_Centrality\_6\_2nd\_Dca\_0\_Sig\_0\_Phi\_Norm\_0\_Sigma\_0\_Inte



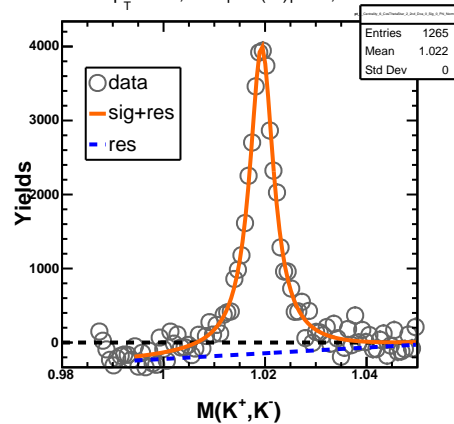
$1.60 < p_T < 2.40$ ,  $0/7 < |\cos(\theta^*)| < 1/7$ , cent6



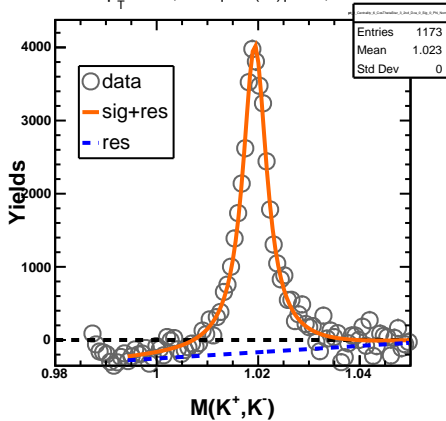
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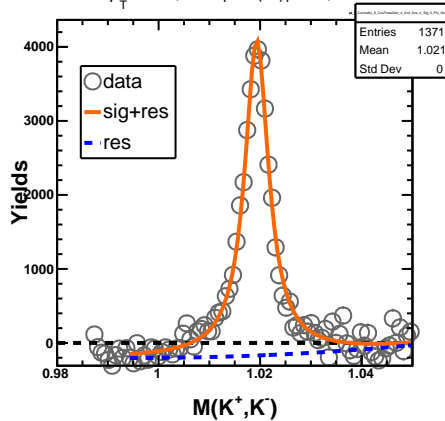
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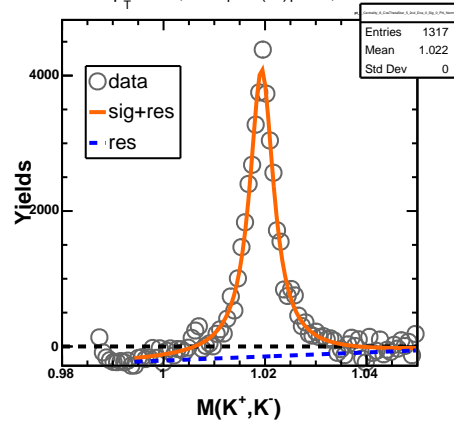
$1.60 < p_T < 2.40$ ,  $3/7 < |\cos(\theta^*)| < 4/7$ , cent6



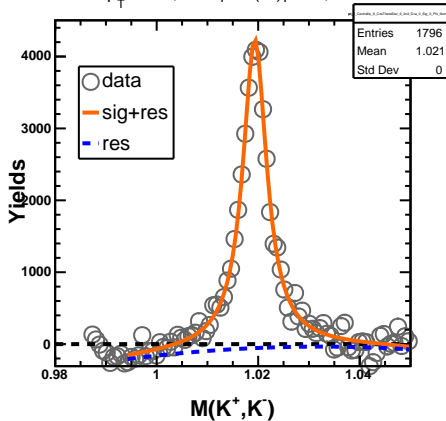
$1.60 < p_T < 2.40$ ,  $4/7 < |\cos(\theta^*)| < 5/7$ , cent6



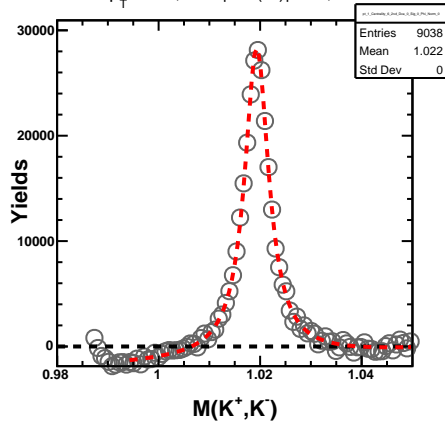
$1.60 < p_T < 2.40$ ,  $5/7 < |\cos(\theta^*)| < 6/7$ , cent6



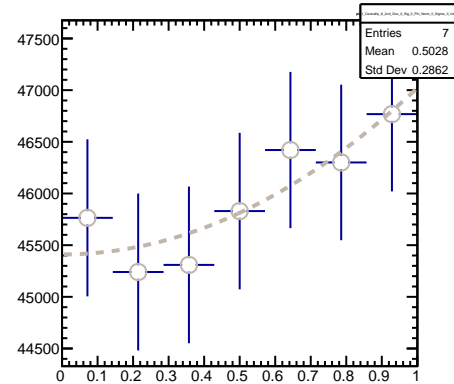
$1.60 < p_T < 2.40$ ,  $6/7 < |\cos(\theta^*)| < 7/7$ , cent6



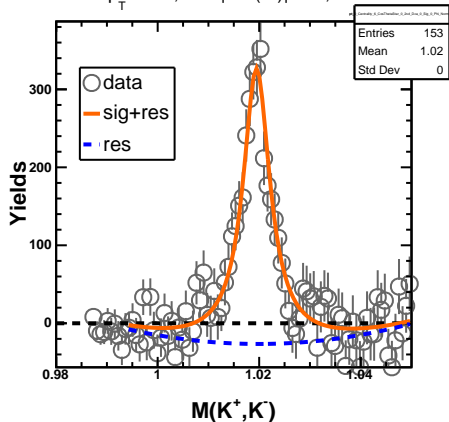
$1.60 < p_T < 2.40$ ,  $0/7 < |\cos(\theta^*)| < 7/7$ , cent6



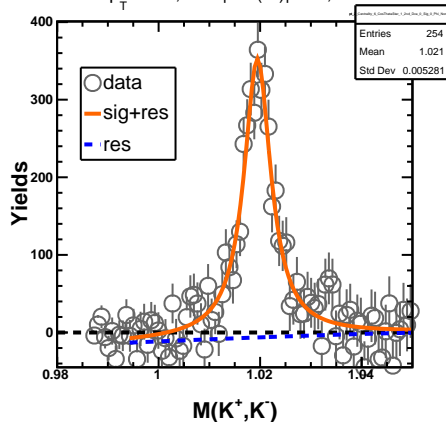
pt\_1\_Centrality\_6\_2nd\_Dca\_0\_Sig\_0\_Phi\_Norm\_0\_Sigma\_0\_Inte



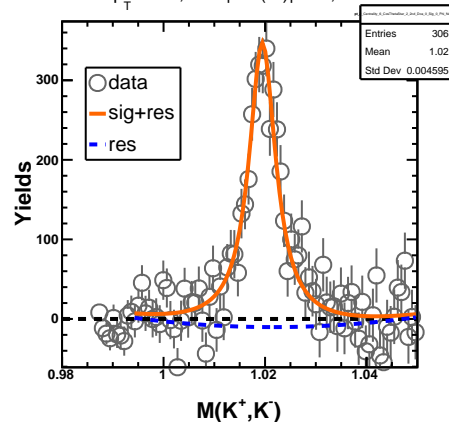
$2.40 < p_T < 5.00$ ,  $0/7 < |\cos(\theta^*)| < 1/7$ , cent6



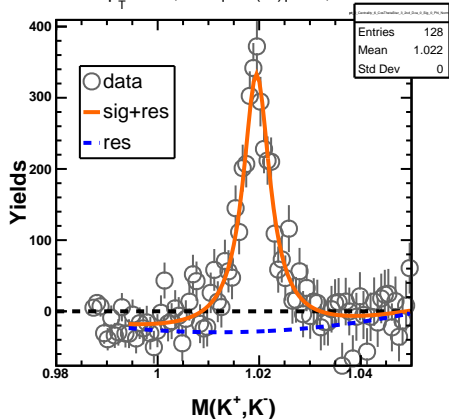
$2.40 < p_T < 5.00$ ,  $1/7 < |\cos(\theta^*)| < 2/7$ , cent6



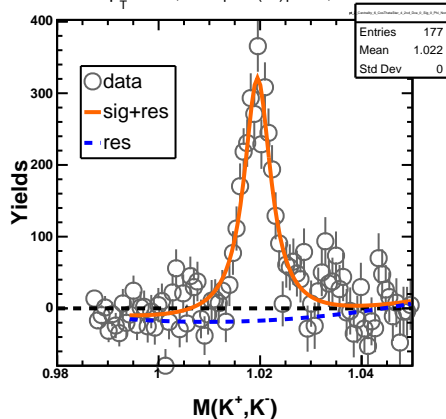
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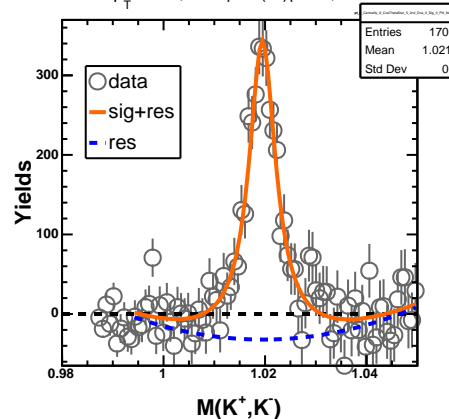
$2.40 < p_T < 5.00$ ,  $3/7 < |\cos(\theta^*)| < 4/7$ , cent6



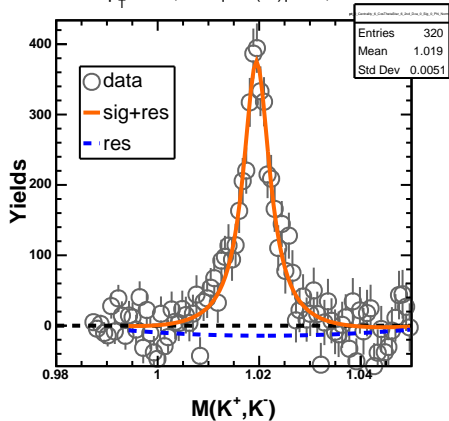
$2.40 < p_T < 5.00$ ,  $4/7 < |\cos(\theta^*)| < 5/7$ , cent6



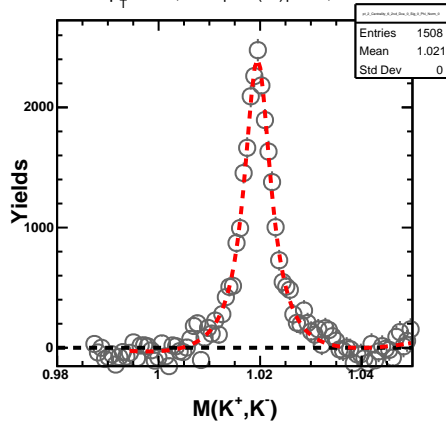
$2.40 < p_T < 5.00$ ,  $5/7 < |\cos(\theta^*)| < 6/7$ , cent6



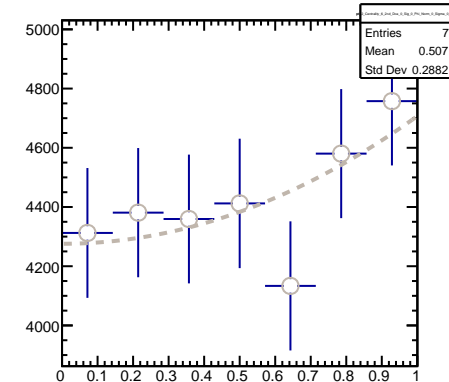
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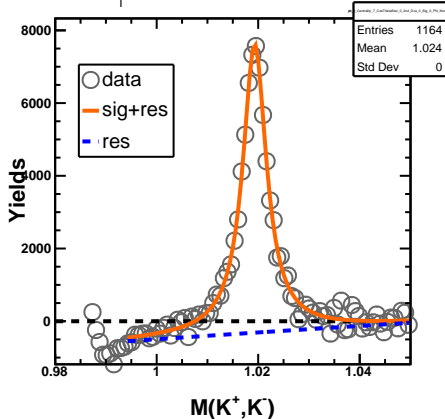
$2.40 < p_T < 5.00$ ,  $0/7 < |\cos(\theta^*)| < 7/7$ , cent6



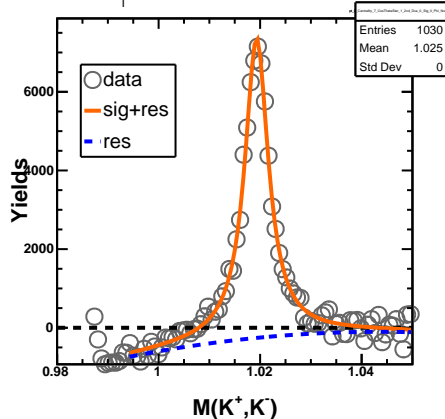
pt\_2\_Centrality\_6\_2nd\_Dca\_0\_Sig\_0\_Phi\_Norm\_0\_Sigma\_0\_Inte



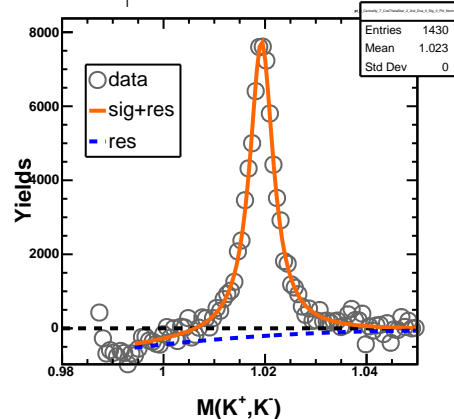
$1.00 < p_T < 1.60$ ,  $0/7 < |\cos(\theta^*)| < 1/7$ , cent7



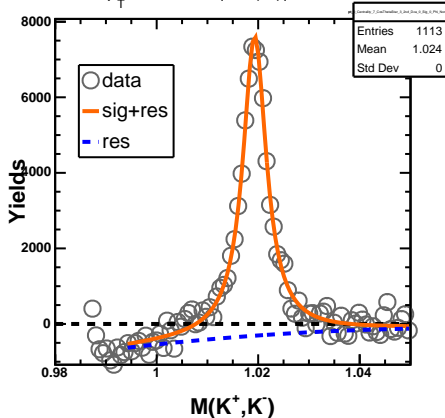
$1.00 < p_T < 1.60$ ,  $1/7 < |\cos(\theta^*)| < 2/7$ , cent7



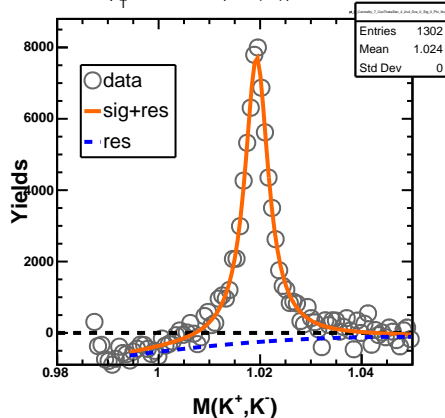
$1.00 < p_T < 1.60$ ,  $2/7 < |\cos(\theta^*)| < 3/7$ , cent7



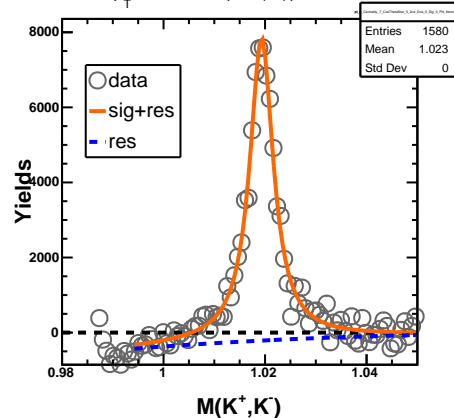
$1.00 < p_T < 1.60$ ,  $3/7 < |\cos(\theta^*)| < 4/7$ , cent7



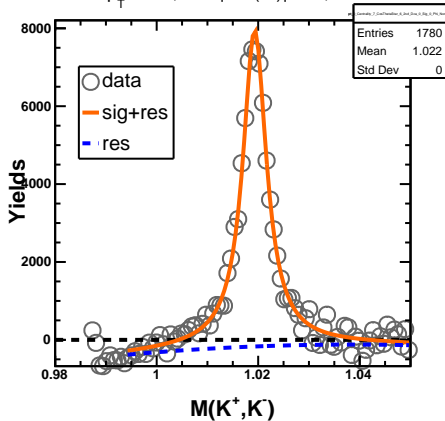
$1.00 < p_T < 1.60$ ,  $4/7 < |\cos(\theta^*)| < 5/7$ , cent7



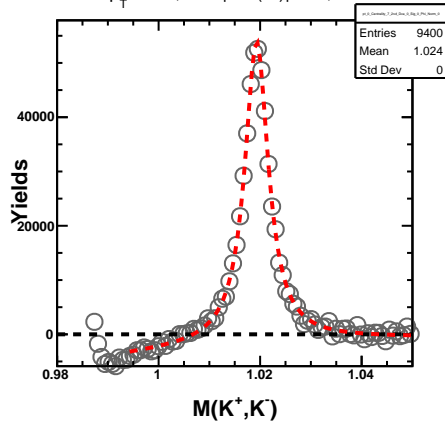
$1.00 < p_T < 1.60$ ,  $5/7 < |\cos(\theta^*)| < 6/7$ , cent7



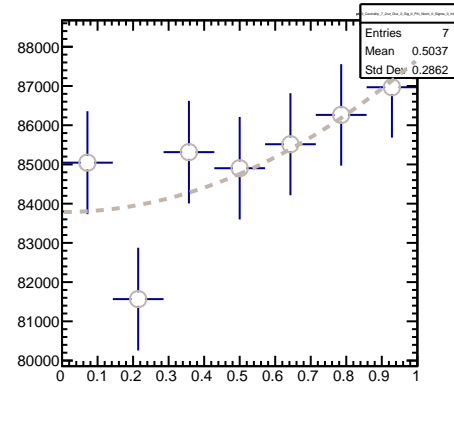
$1.00 < p_T < 1.60$ ,  $6/7 < |\cos(\theta^*)| < 7/7$ , cent7



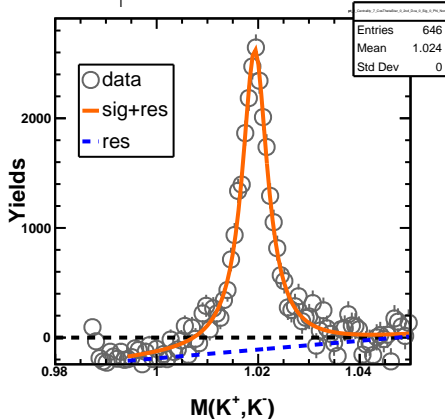
$1.00 < p_T < 1.60$ ,  $0/7 < |\cos(\theta^*)| < 7/7$ , cent7



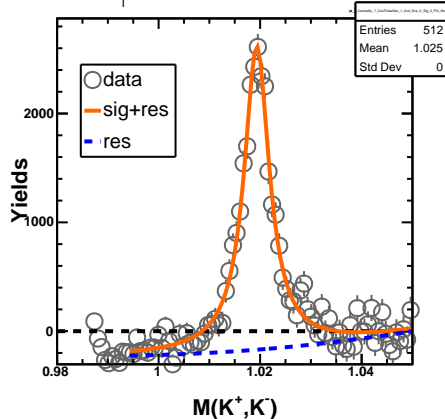
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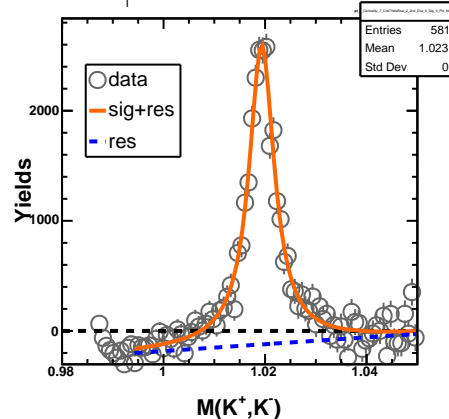
$1.60 < p_T < 2.40, 0/7 < |\cos(\theta^*)| < 1/7, \text{cent7}$



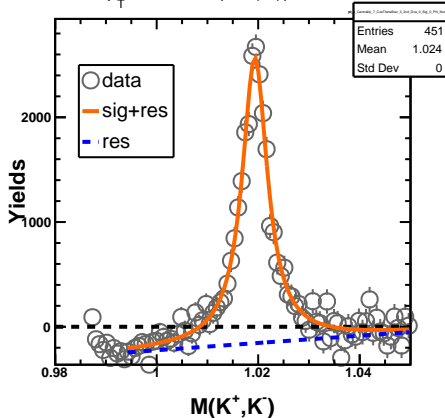
$1.60 < p_T < 2.40, 1/7 < |\cos(\theta^*)| < 2/7, \text{cent7}$



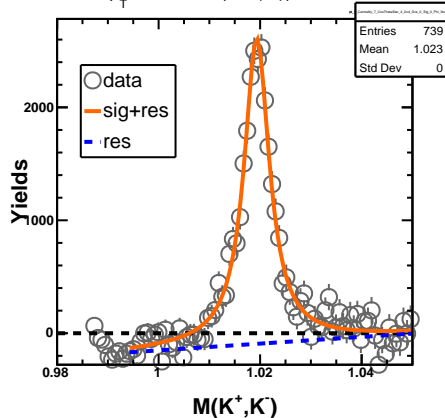
$1.60 < p_T < 2.40, 2/7 < |\cos(\theta^*)| < 3/7, \text{cent7}$



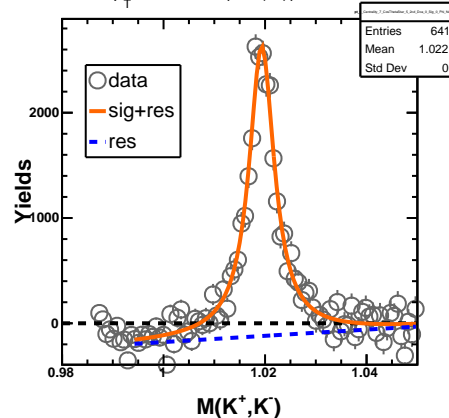
$1.60 < p_T < 2.40, 3/7 < |\cos(\theta^*)| < 4/7, \text{cent7}$



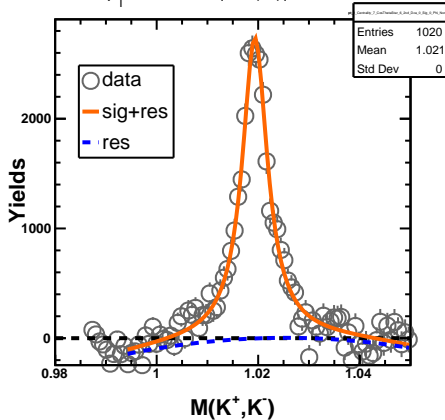
$1.60 < p_T < 2.40, 4/7 < |\cos(\theta^*)| < 5/7, \text{cent7}$



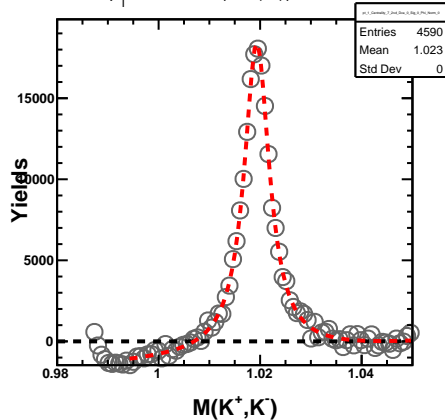
$1.60 < p_T < 2.40, 5/7 < |\cos(\theta^*)| < 6/7, \text{cent7}$



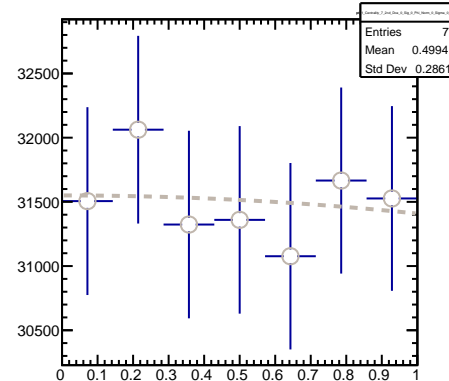
$1.60 < p_T < 2.40, 6/7 < |\cos(\theta^*)| < 7/7, \text{cent7}$



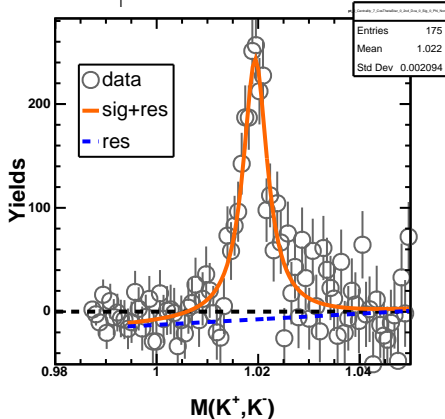
$1.60 < p_T < 2.40, 0/7 < |\cos(\theta^*)| < 7/7, \text{cent7}$



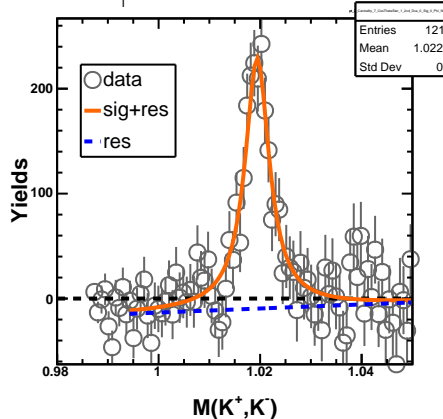
pt\_1\_Centrality\_7\_2nd\_Dca\_0\_Sig\_0\_Phi\_Norm\_0\_Sigma\_0\_Inte



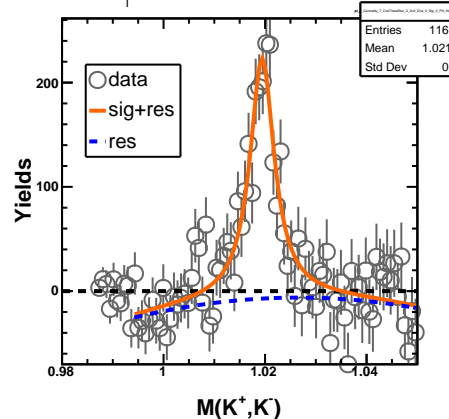
$2.40 < p_T < 5.00$ ,  $0/7 < |\cos(\theta^*)| < 1/7$ , cent7



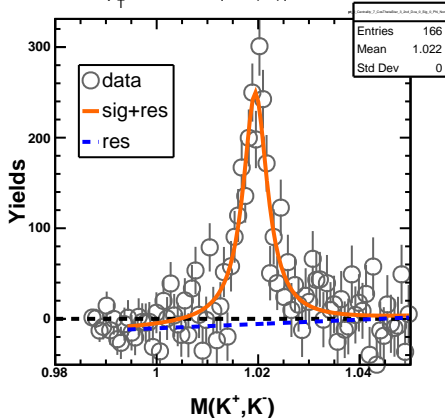
$2.40 < p_T < 5.00$ ,  $1/7 < |\cos(\theta^*)| < 2/7$ , cent7



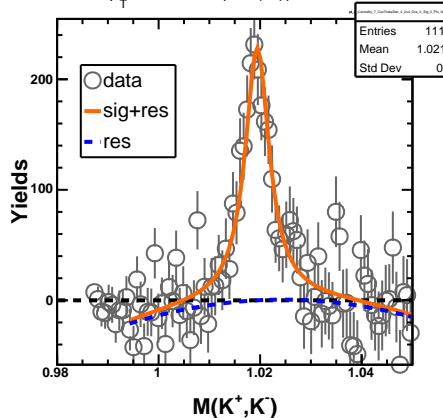
$2.40 < p_T < 5.00$ ,  $2/7 < |\cos(\theta^*)| < 3/7$ , cent7



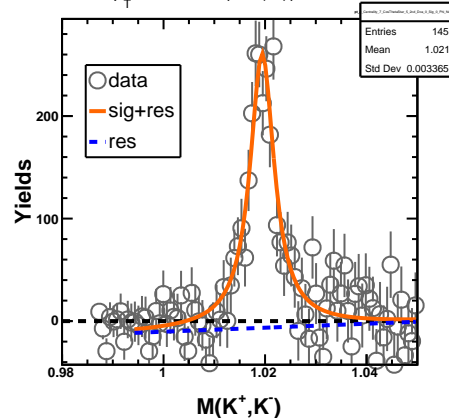
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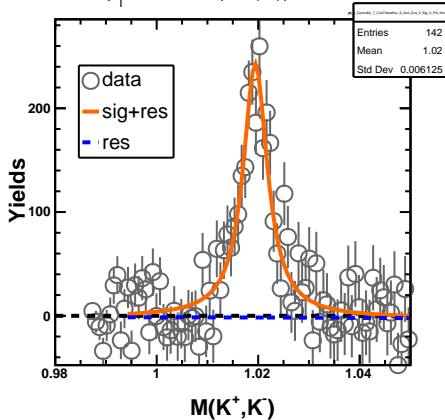
$2.40 < p_T < 5.00$ ,  $4/7 < |\cos(\theta^*)| < 5/7$ , cent7



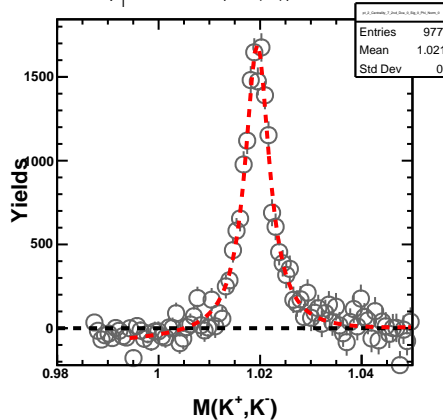
$2.40 < p_T < 5.00$ ,  $5/7 < |\cos(\theta^*)| < 6/7$ , cent7



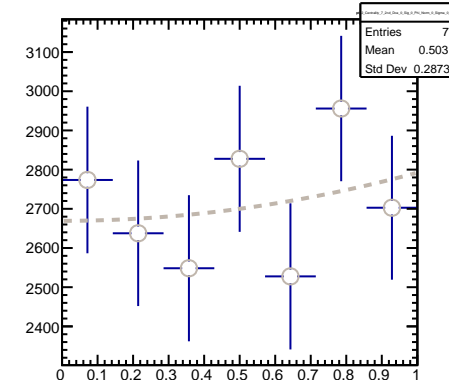
$2.40 < p_T < 5.00$ ,  $6/7 < |\cos(\theta^*)| < 7/7$ , cent7



$2.40 < p_T < 5.00$ ,  $0/7 < |\cos(\theta^*)| < 7/7$ , cent7

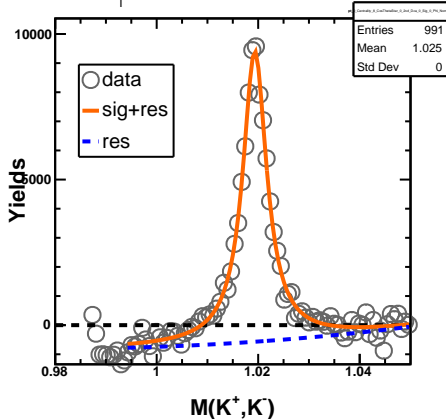


pt\_2\_Centrality\_7\_2nd\_Dca\_0\_Sig\_0\_Phi\_Norm\_0\_Sigma\_0\_Inte

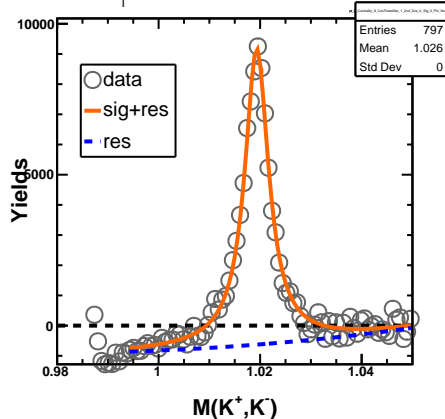




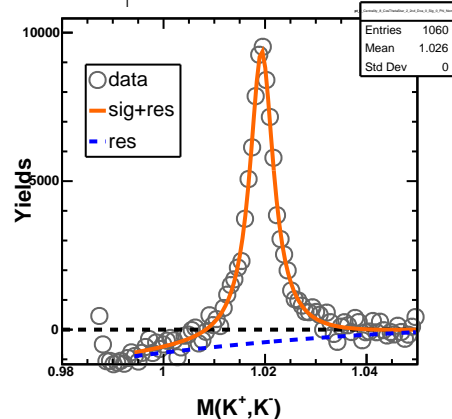
$1.00 < p_T < 1.60, 0/7 < |\cos(\theta^*)| < 1/7, \text{cent8}$



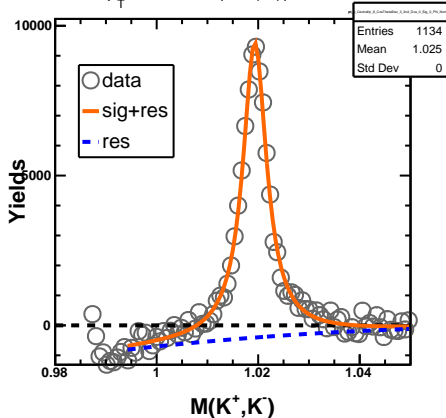
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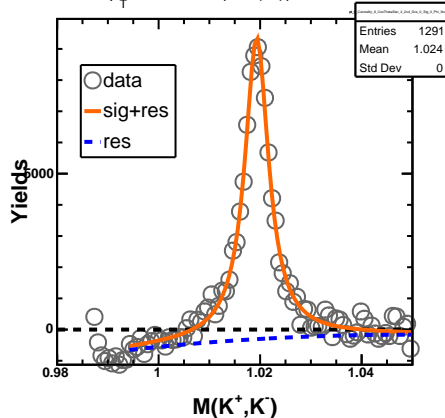
$1.00 < p_T < 1.60, 2/7 < |\cos(\theta^*)| < 3/7, \text{cent8}$



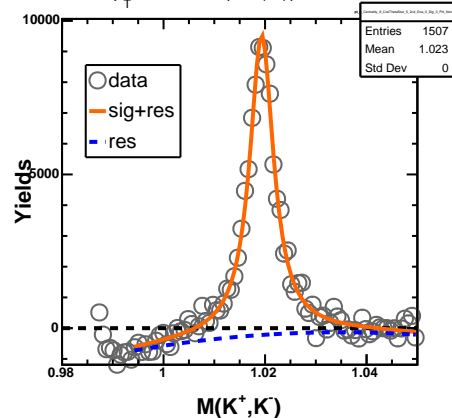
$1.00 < p_T < 1.60, 3/7 < |\cos(\theta^*)| < 4/7, \text{cent8}$



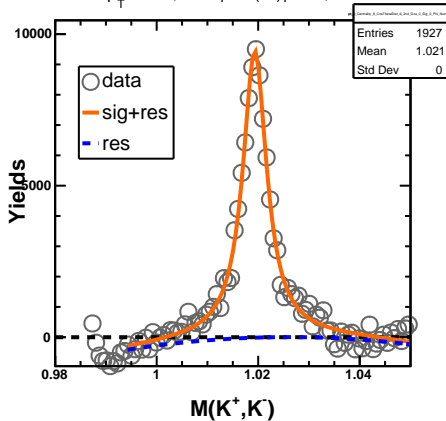
$1.00 < p_T < 1.60, 4/7 < |\cos(\theta^*)| < 5/7, \text{cent8}$



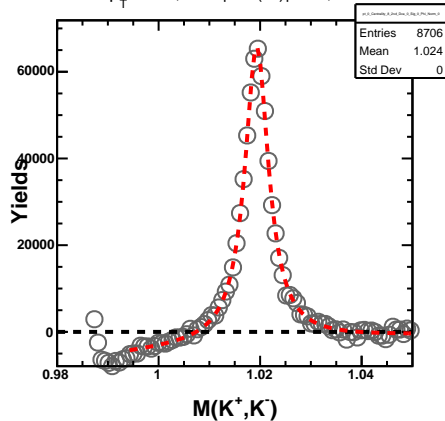
$1.00 < p_T < 1.60, 5/7 < |\cos(\theta^*)| < 6/7, \text{cent8}$



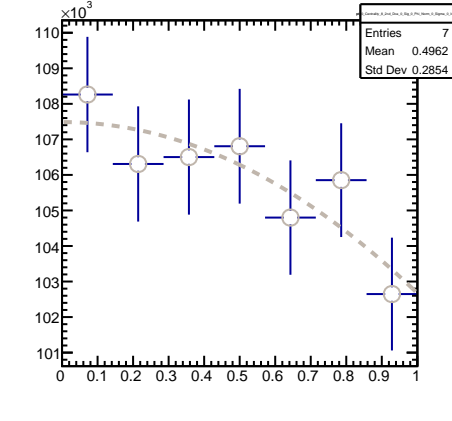
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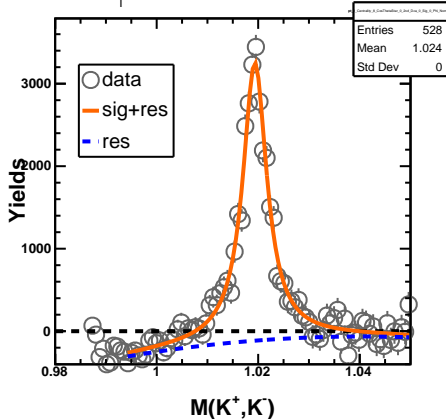
$1.00 < p_T < 1.60, 0/7 < |\cos(\theta^*)| < 7/7, \text{cent8}$



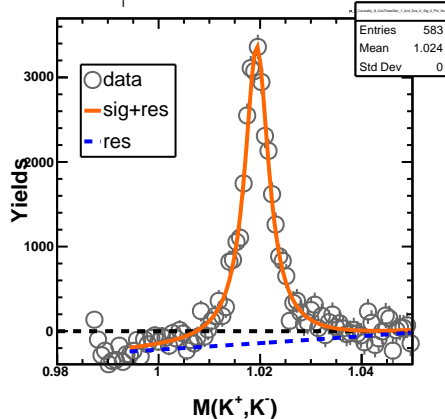
pt\_0\_Centrality\_8\_2nd\_Dca\_0\_Sig\_0\_Phi\_Norm\_0\_Sigma\_0\_Inte



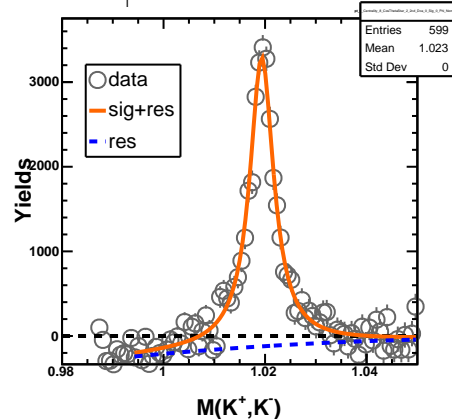
$1.60 < p_T < 2.40, 0/7 < |\cos(\theta^*)| < 1/7, \text{cent8}$



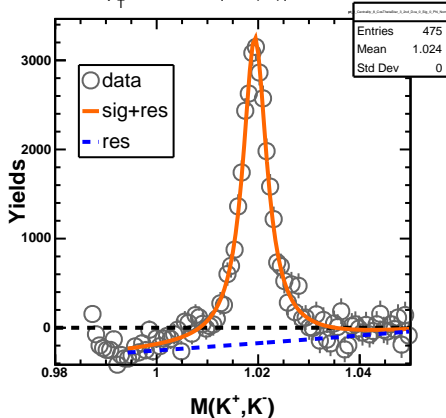
$1.60 < p_T < 2.40, 1/7 < |\cos(\theta^*)| < 2/7, \text{cent8}$



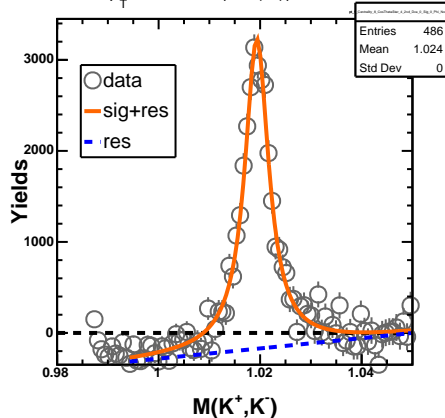
$1.60 < p_T < 2.40, 2/7 < |\cos(\theta^*)| < 3/7, \text{cent8}$



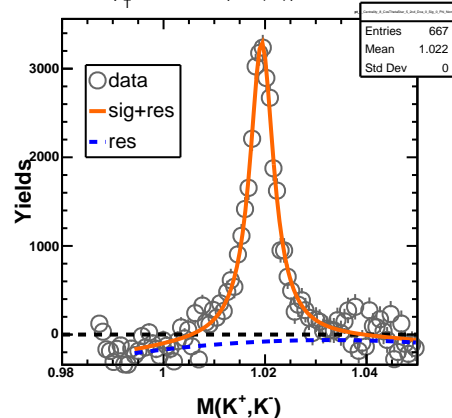
$1.60 < p_T < 2.40, 3/7 < |\cos(\theta^*)| < 4/7, \text{cent8}$



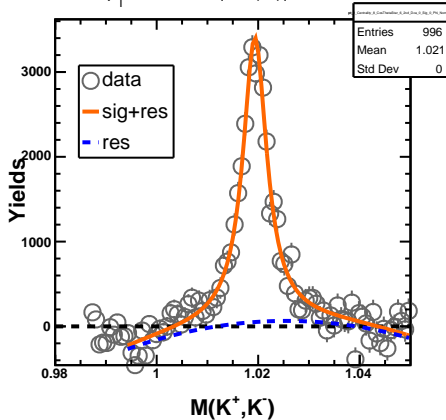
$1.60 < p_T < 2.40, 4/7 < |\cos(\theta^*)| < 5/7, \text{cent8}$



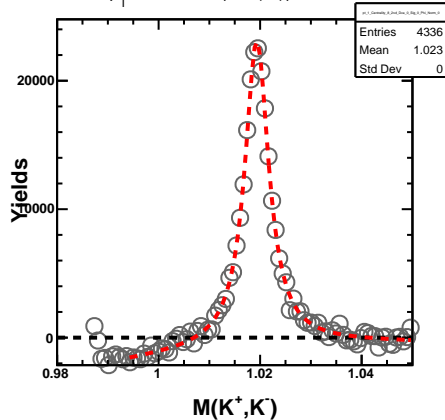
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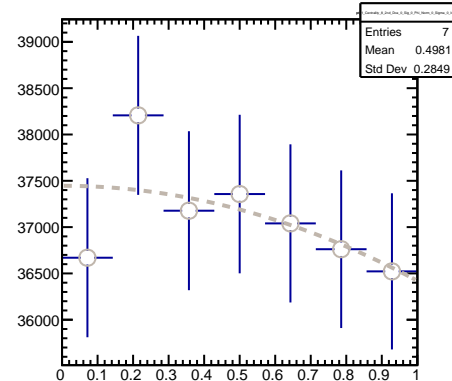
$1.60 < p_T < 2.40, 6/7 < |\cos(\theta^*)| < 7/7, \text{cent8}$



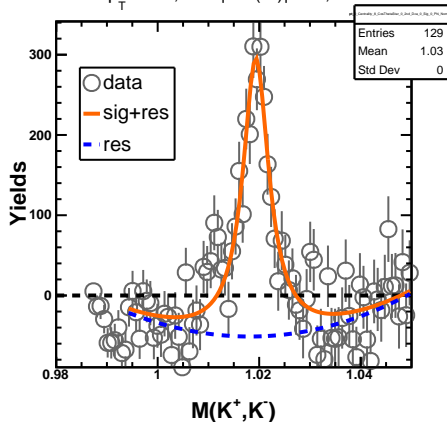
$1.60 < p_T < 2.40, 0/7 < |\cos(\theta^*)| < 7/7, \text{cent8}$



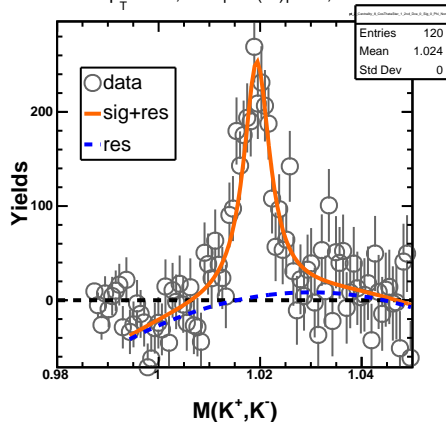
pt\_1\_Centrality\_8\_2nd\_Dca\_0\_Sig\_0\_Phi\_Norm\_0\_Sigma\_0\_Inte



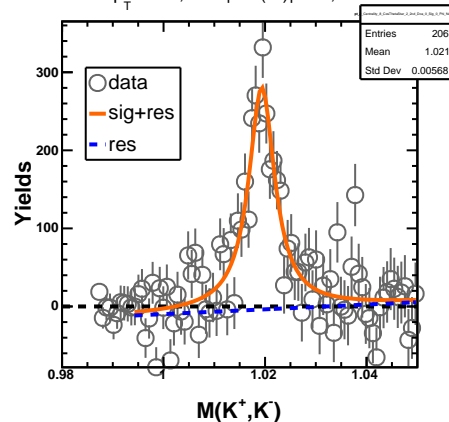
$2.40 < p_T < 5.00, 0/7 < |\cos(\theta^*)| < 1/7, \text{cent8}$



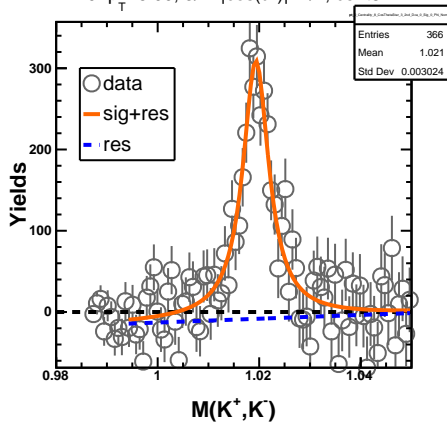
$2.40 < p_T < 5.00, 1/7 < |\cos(\theta^*)| < 2/7, \text{cent8}$



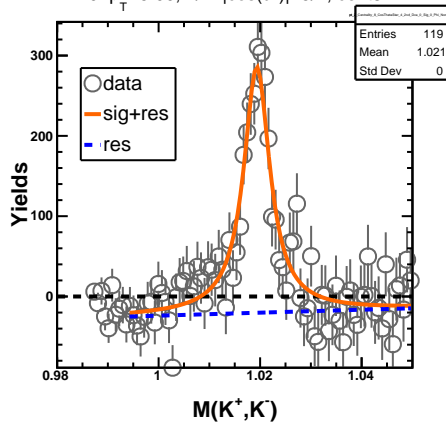
$2.40 < p_T < 5.00, 2/7 < |\cos(\theta^*)| < 3/7, \text{cent8}$



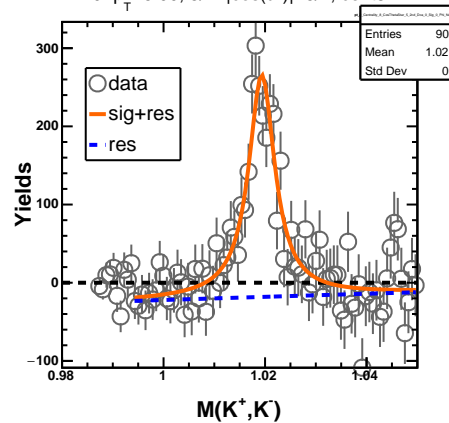
$2.40 < p_T < 5.00, 3/7 < |\cos(\theta^*)| < 4/7, \text{cent8}$



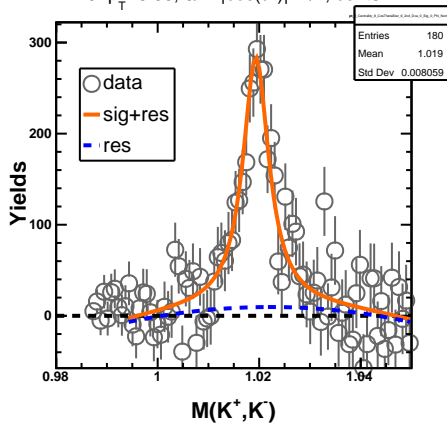
$2.40 < p_T < 5.00, 4/7 < |\cos(\theta^*)| < 5/7, \text{cent8}$



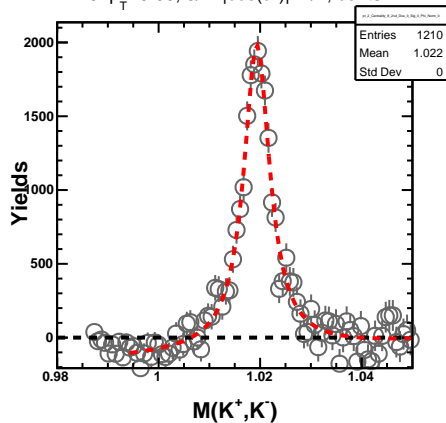
$2.40 < p_T < 5.00, 5/7 < |\cos(\theta^*)| < 6/7, \text{cent8}$



$2.40 < p_T < 5.00, 6/7 < |\cos(\theta^*)| < 7/7, \text{cent8}$



$2.40 < p_T < 5.00, 0/7 < |\cos(\theta^*)| < 7/7, \text{cent8}$



pt\_2\_Centrality\_8\_2nd\_Dca\_0\_Sig\_0\_Phi\_Norm\_0\_Sigma\_0\_Inte

