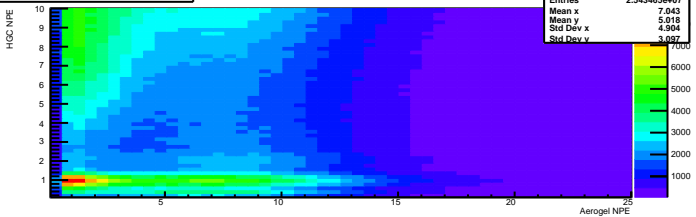


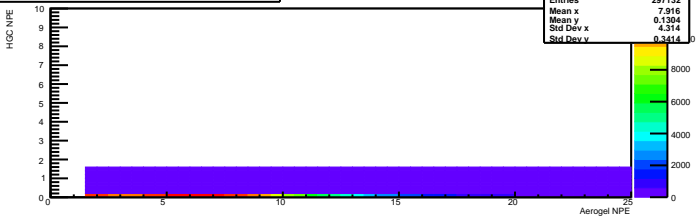
NPE in SHMS Aerogel and Heavy Gas



SHMSK\_kaon

Entries	2543465e+07
Mean x	7.043
Mean y	5.018
Std Dev x	4.304
Std Dev y	3.097

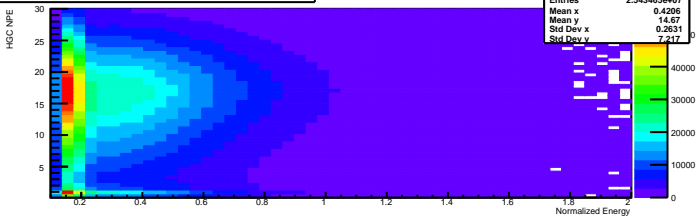
NPE in SHMS Aerogel and Heavy Gas, Kaons Selected



SHMSK\_kaon\_cut

Entries	297132
Mean x	7.316
Mean y	0.1304
Std Dev x	4.314
Std Dev y	0.3414

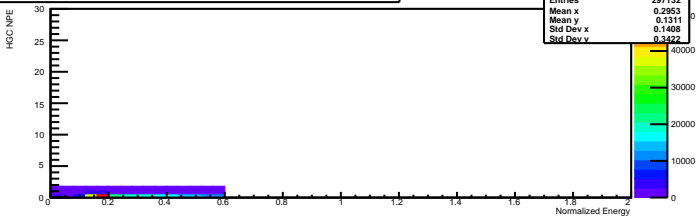
Normalized SHMS Calorimeter Energy and NPE in Heavy Gas



SHMSK\_kaon

Entries	2543465e+07
Mean x	0.4206
Mean y	14.67
Std Dev x	0.2631
Std Dev y	7.217

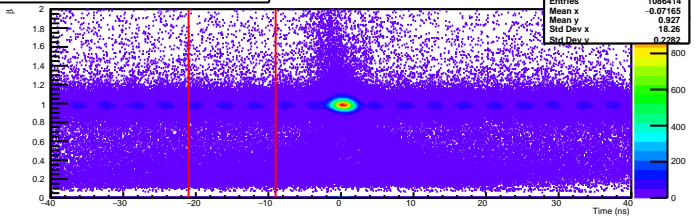
Normalized SHMS Calorimeter Energy and NPE in Heavy Gas, Pions Selected



SHMSK\_pion\_cut

Entries	297132
Mean x	0.2953
Mean y	0.1311
Std Dev x	0.1408
Std Dev y	0.3422

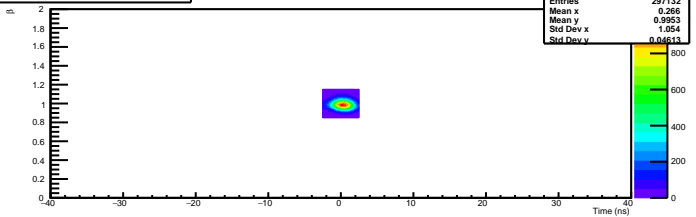
Kaon Coincident Time vs  $\beta$  for ROC1 (w particle ID)



ROC1\_Coin\_Beta\_kaon

Entries	1688414
Mean x	-0.07165
Mean y	0.927
Std Dev x	18.26
Std Dev y	0.3262

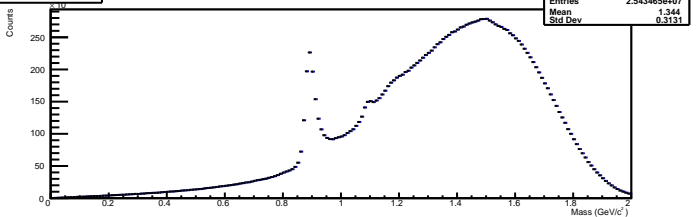
Kaon Coincident Time vs  $\beta$  for ROC1



ROC1\_Coin\_Beta\_kaon

Entries	297132
Mean x	0.266
Mean y	0.9953
Std Dev x	1.054
Std Dev y	0.04513

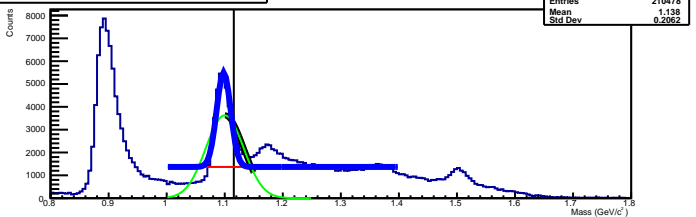
Kaon Missing mass



mmissK

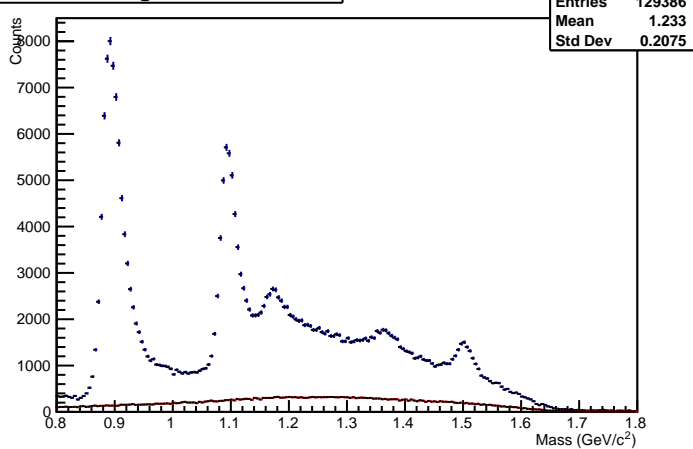
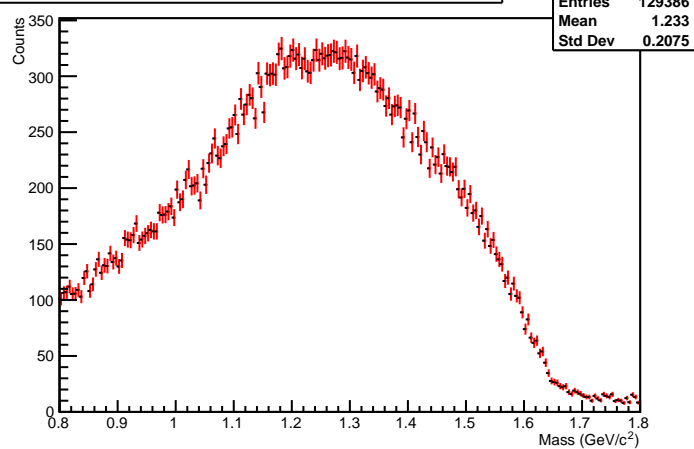
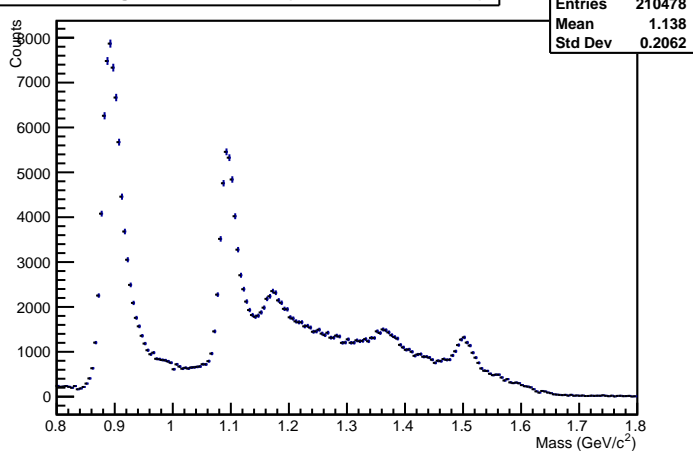
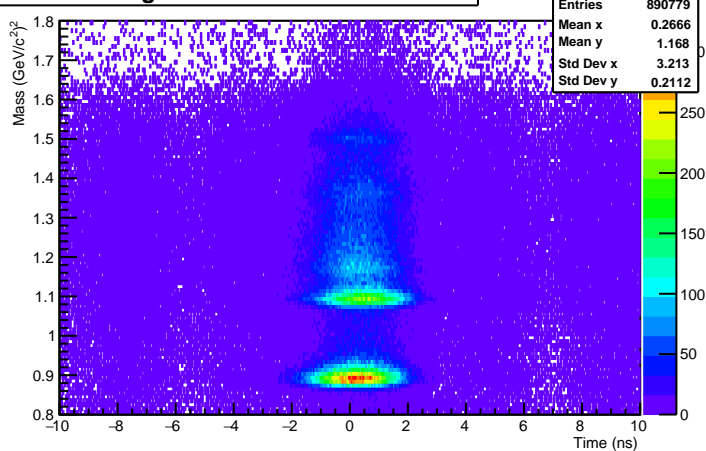
Entries	2543465e+07
Mean	1.344
Std Dev	0.3131

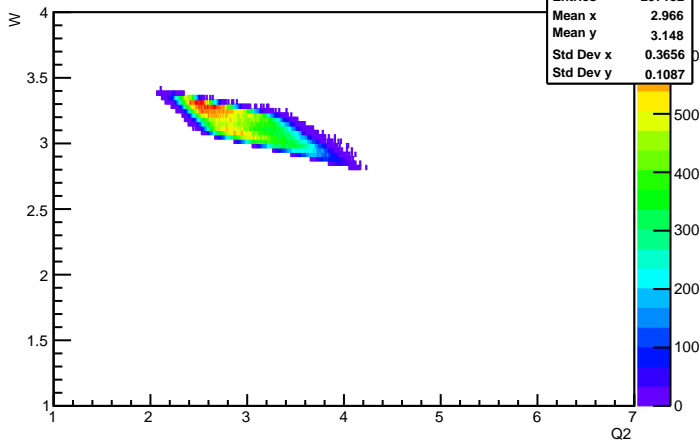
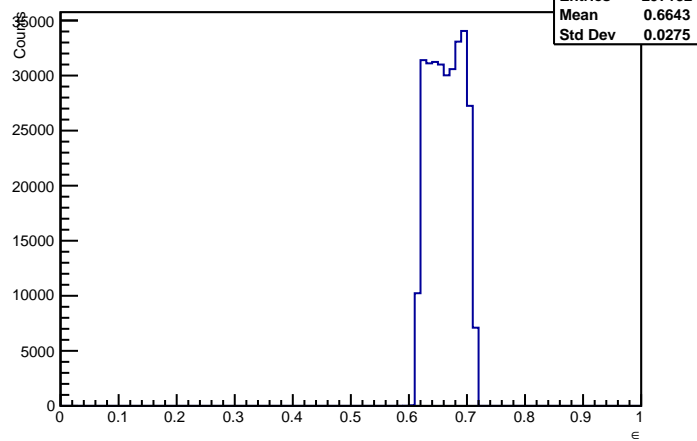
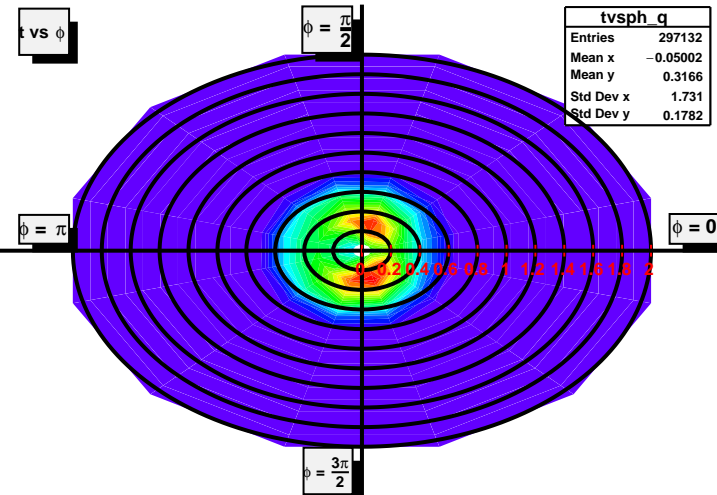
Kaon Missing mass with Cuts (Random Subtracted)



mmissK\_remove

Entries	210478
Mean	1.138
Std Dev	0.2692

**Kaon Missing mass with Cuts****Kaon Missing mass from Random Coincidence****Kaon Missing mass with Cuts (Random Subtracted)****Kaon Missing mass vs Coincidence Time**

**Q2 vs W****Plot of Epsilon****t vs phi****Kaon Missing mass with Cuts (Random Subtracted)**