



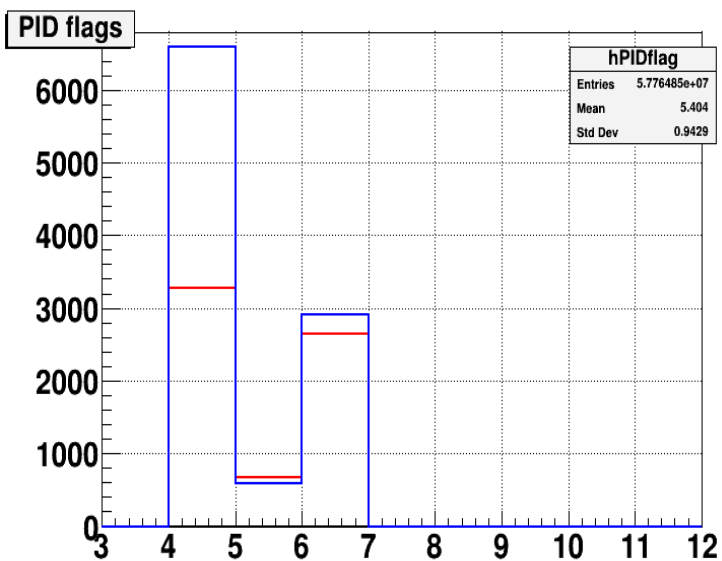
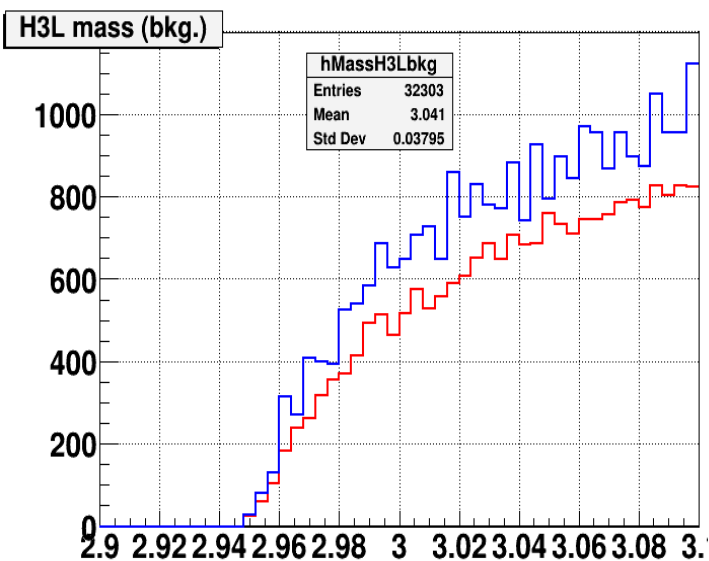
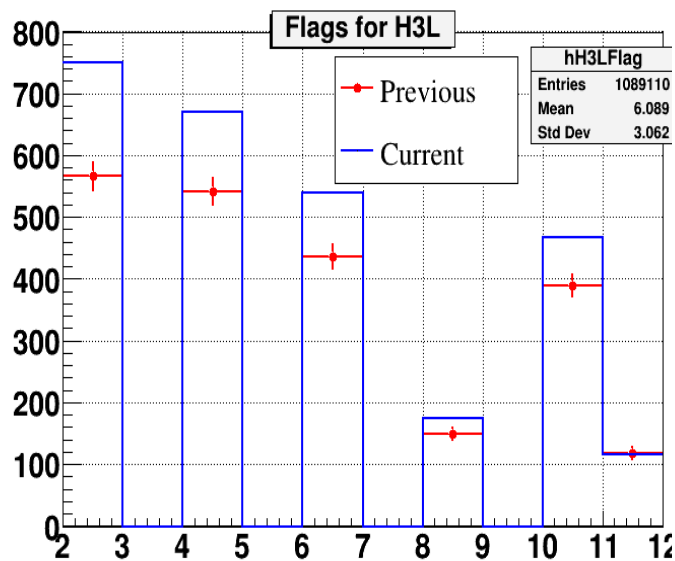
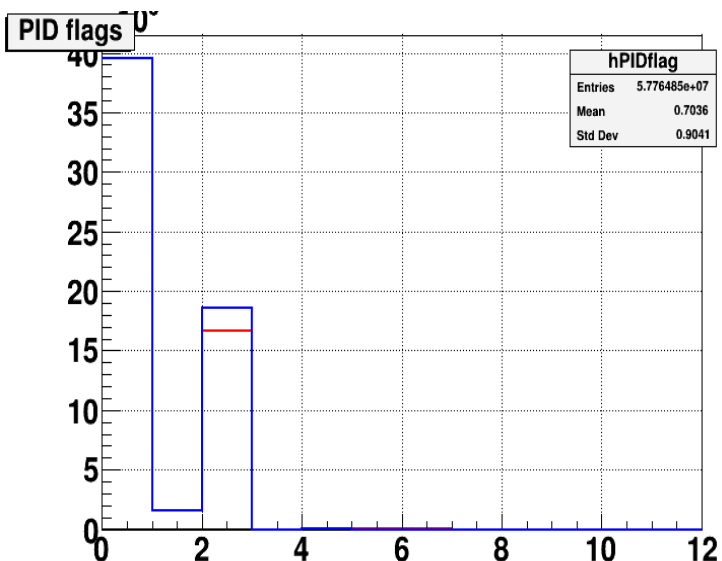
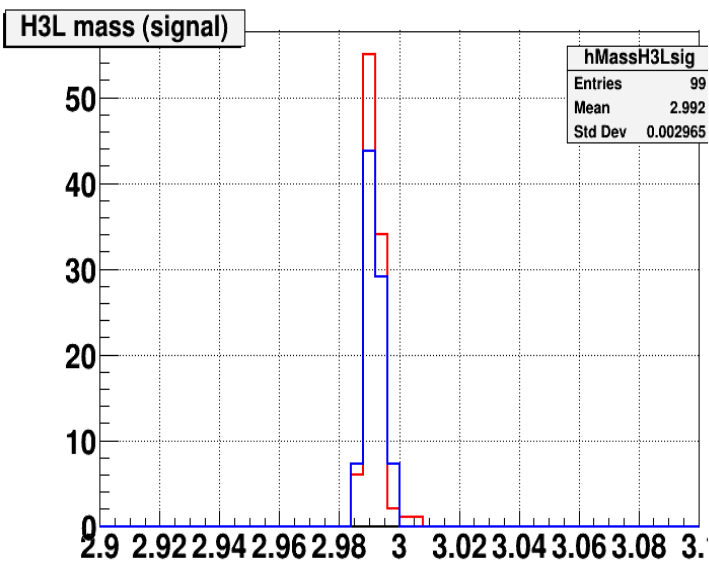
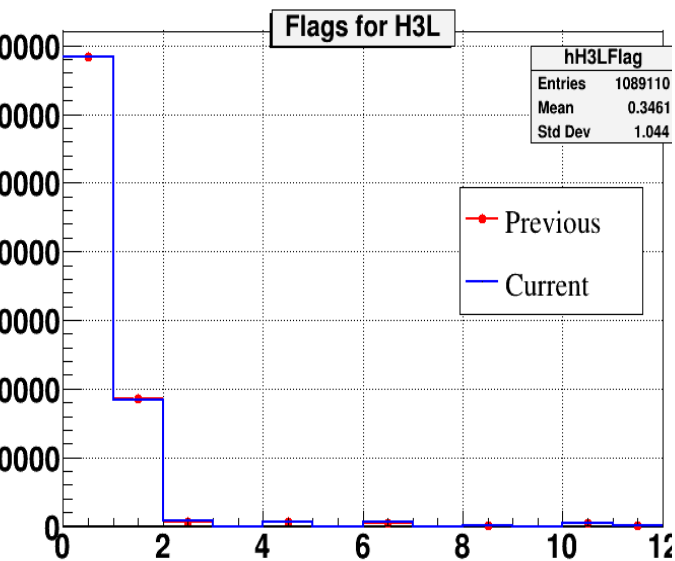
PHQMD production

A.Zinchenko

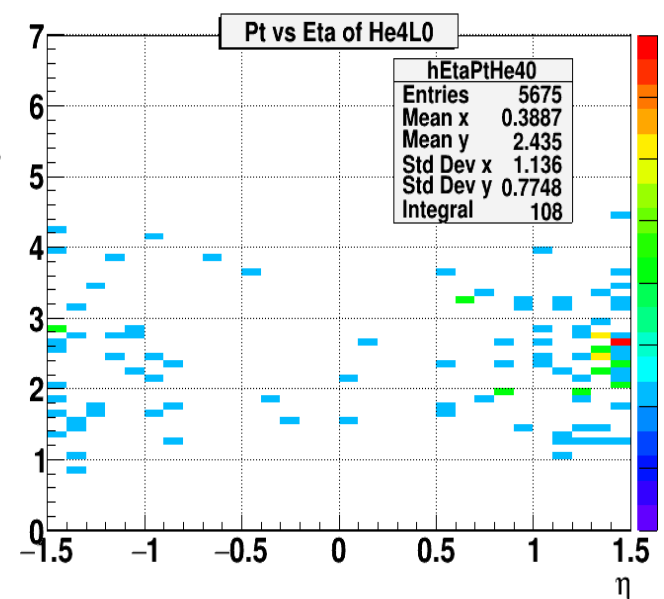
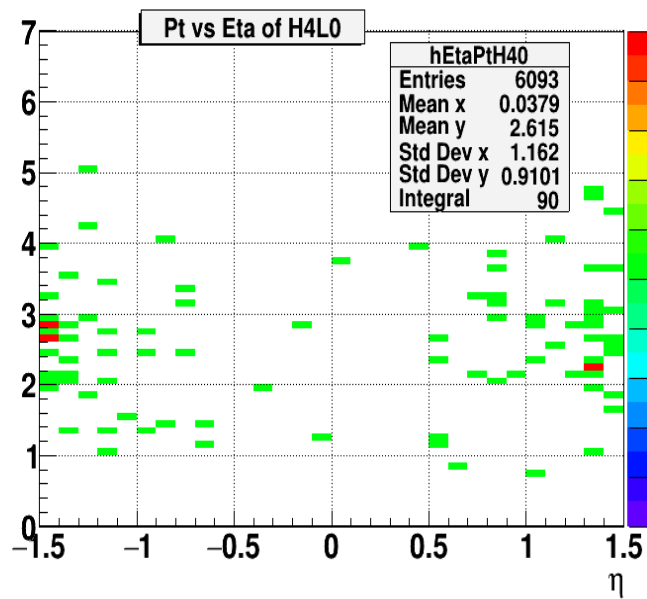
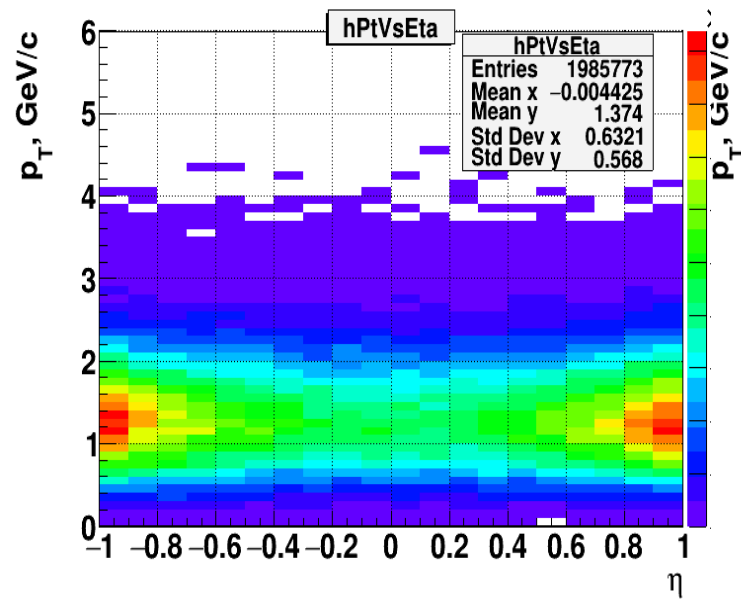
1 July 2021

PHQMD previous and current productions

Previous and current productions: 1M and 45k events



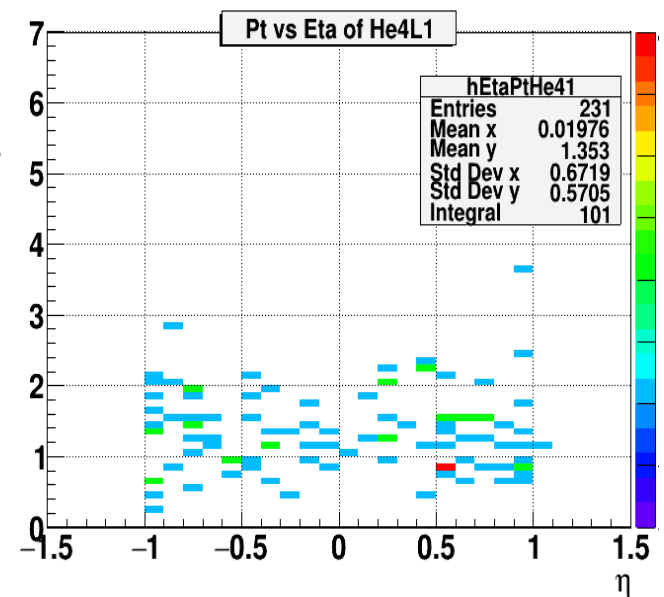
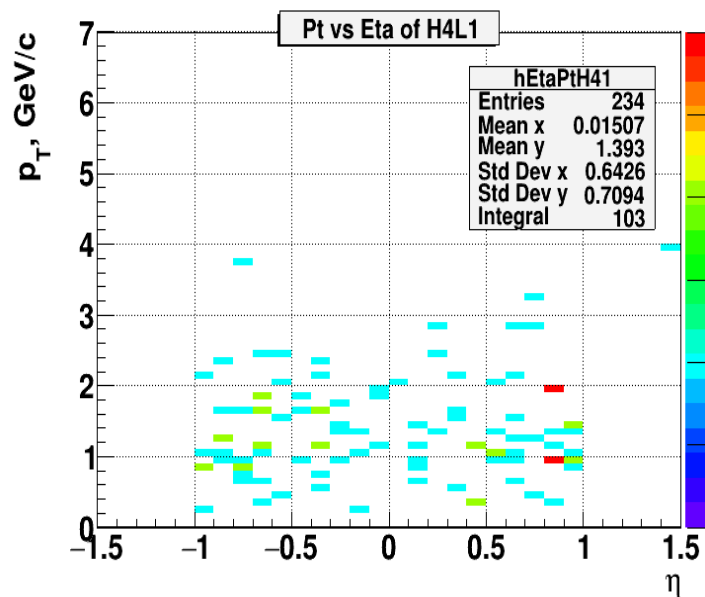
PHQMD: signal embedding (100k events)



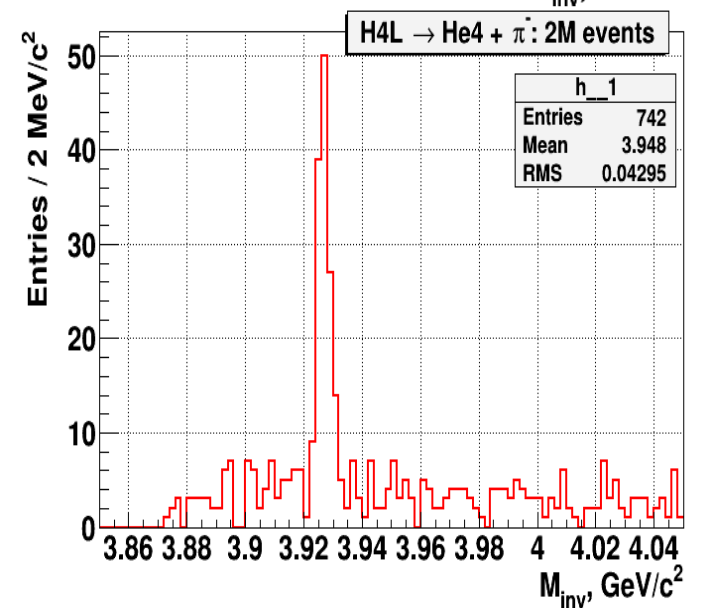
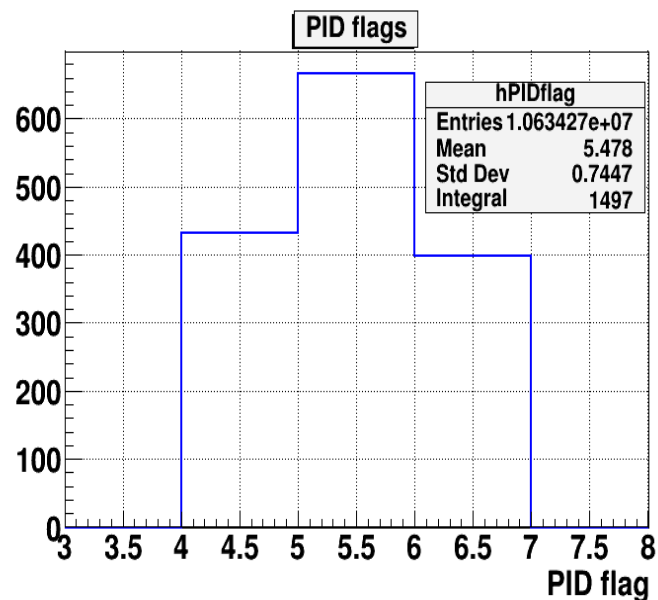
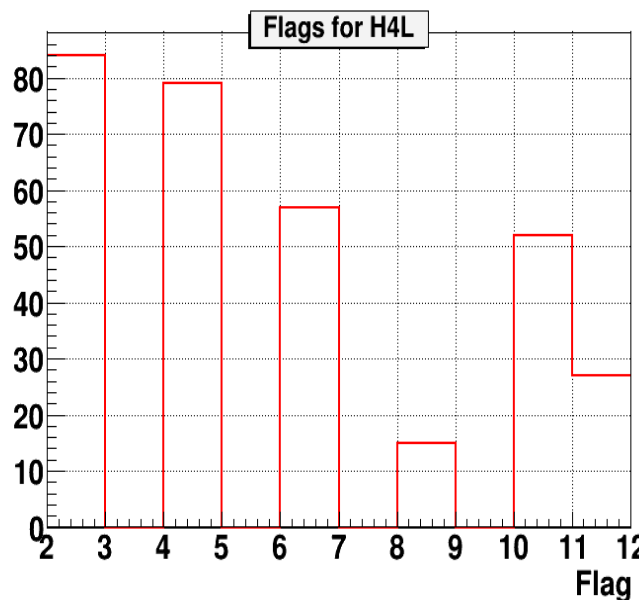
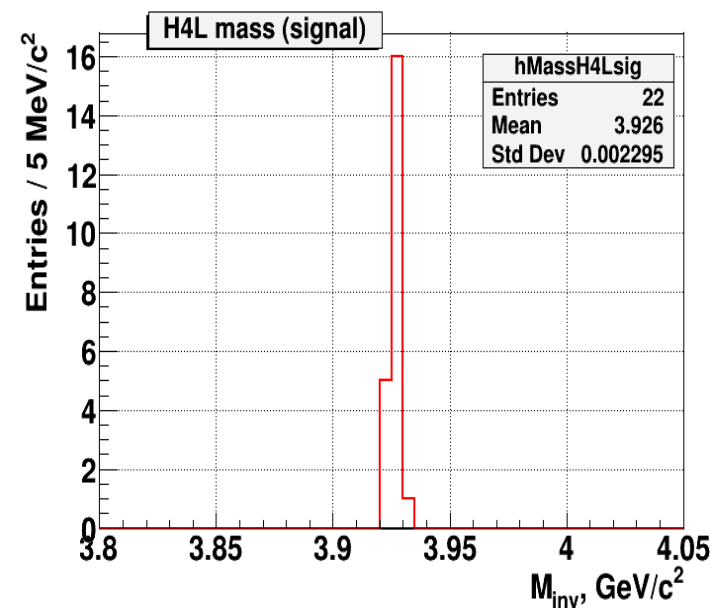
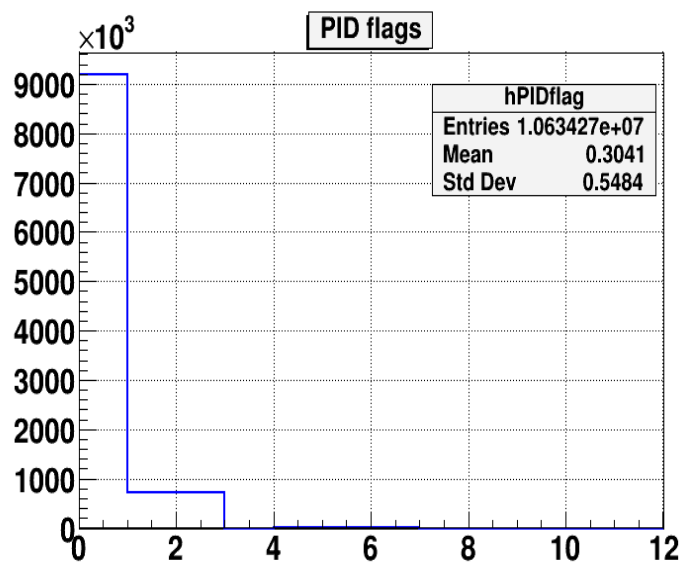
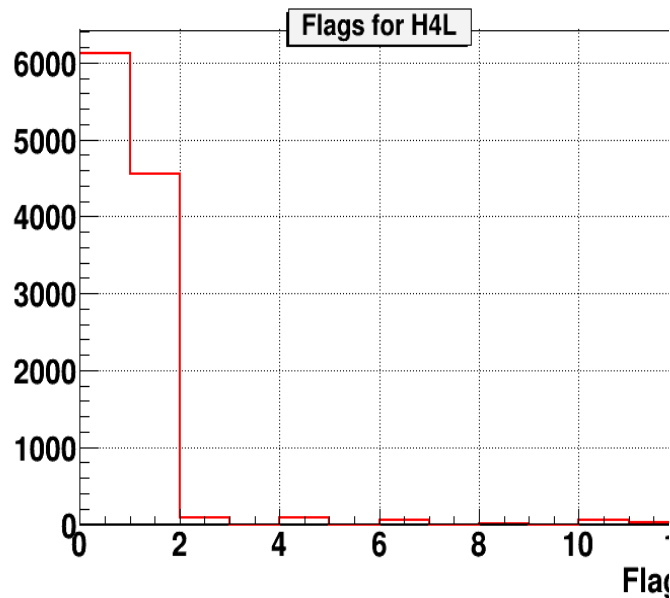
Statistics scale factor:

H4L: $102/29 = 3.5$

He4L: $100/29 = 3.4$



Reconstructed H4L signal (100k events)



Reconstructed He4L signal (100k events)

