

Status of HighLAND and ProtoDUNE analysis

A. Cervera
(IFIC-Valencia)

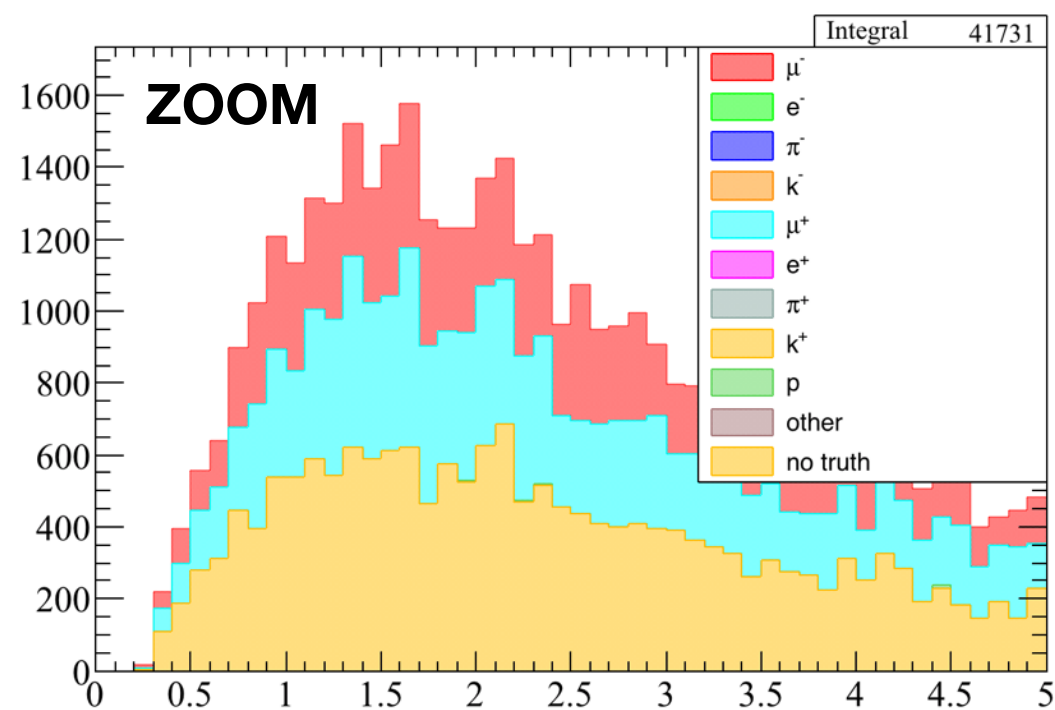
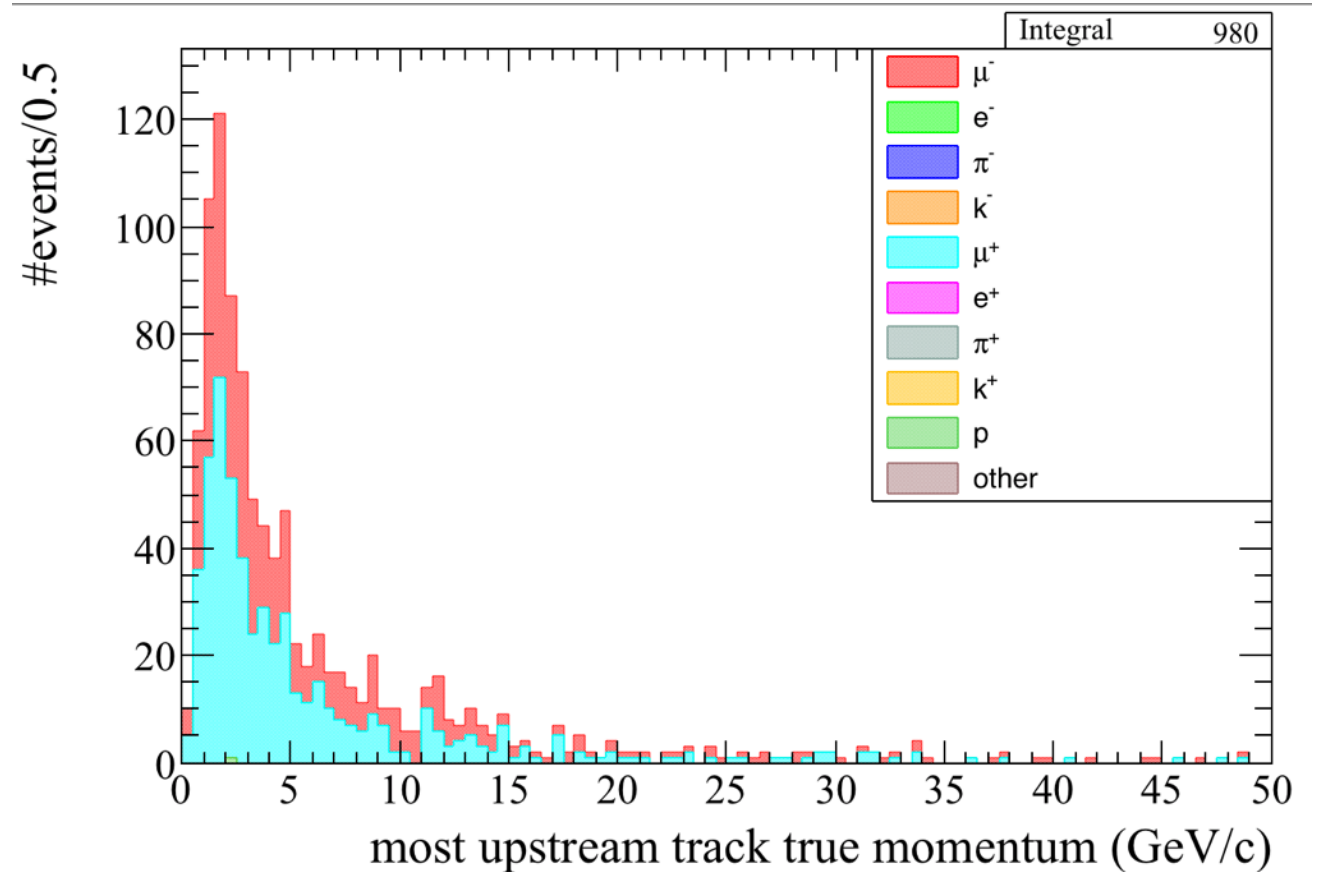
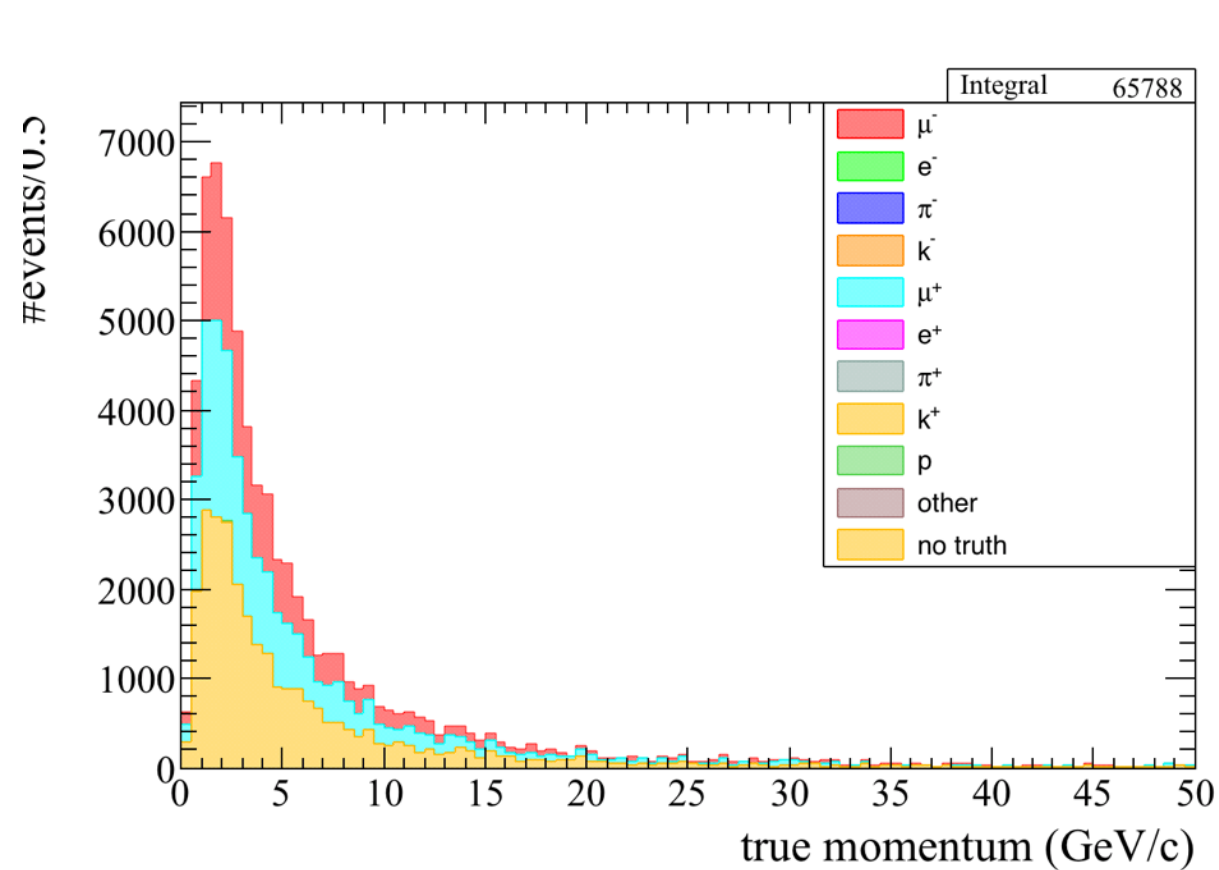
IFIC e-noval meeting
14/03/2019

Introduction

- Problems with true-reco matching solved
- Problems with range momentum solved
- Able to run on data

- Almost ready for physics !!!!!

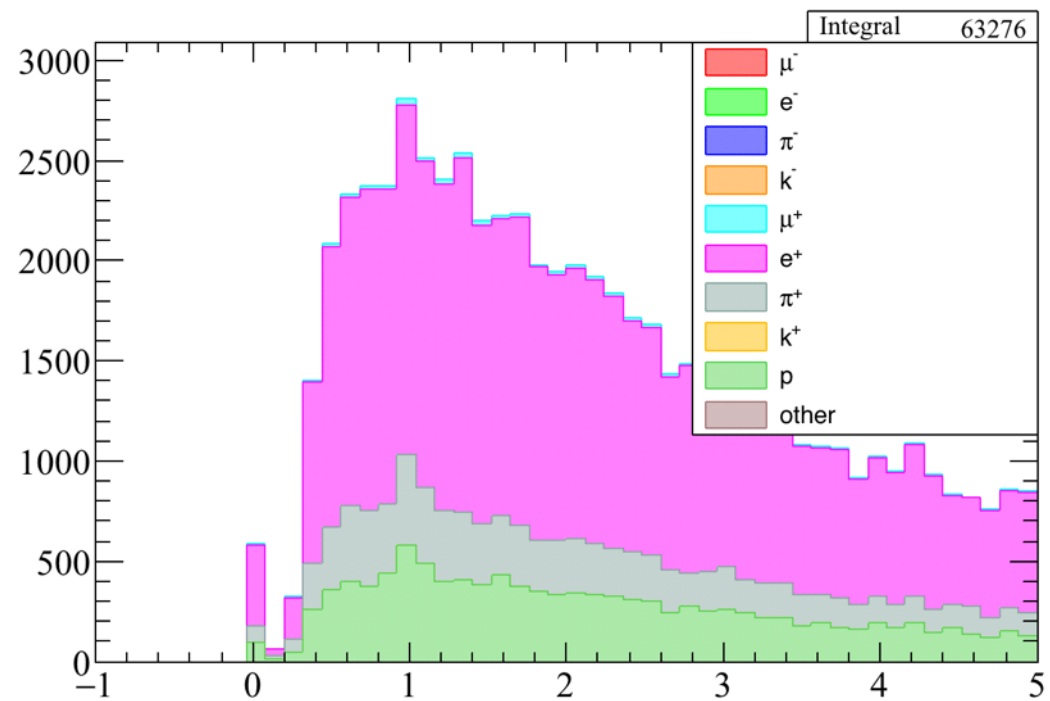
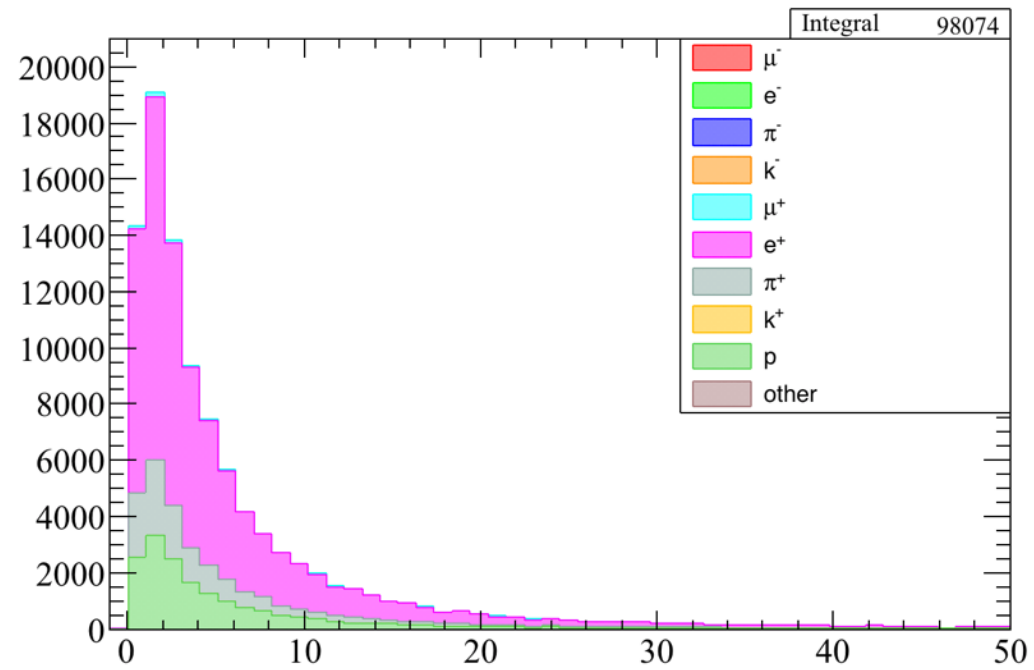
True momentum (old)



The beam particle is not there !!!!

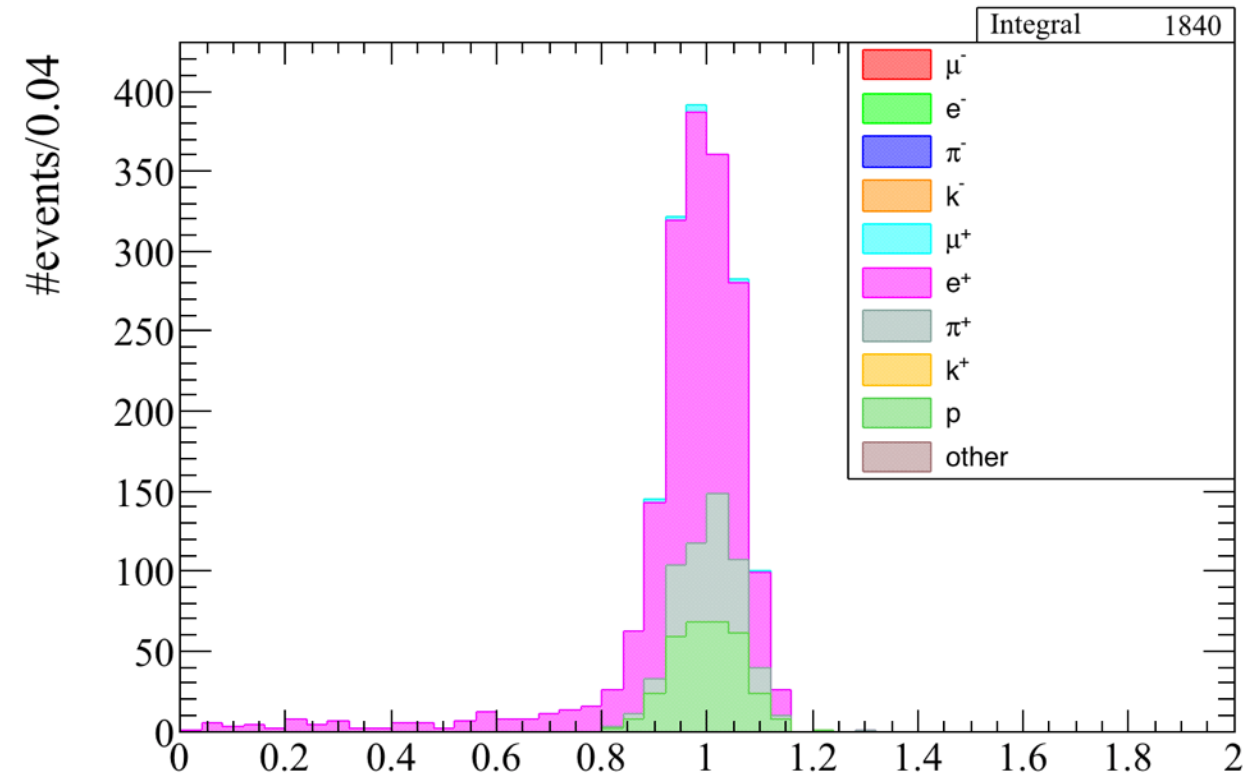
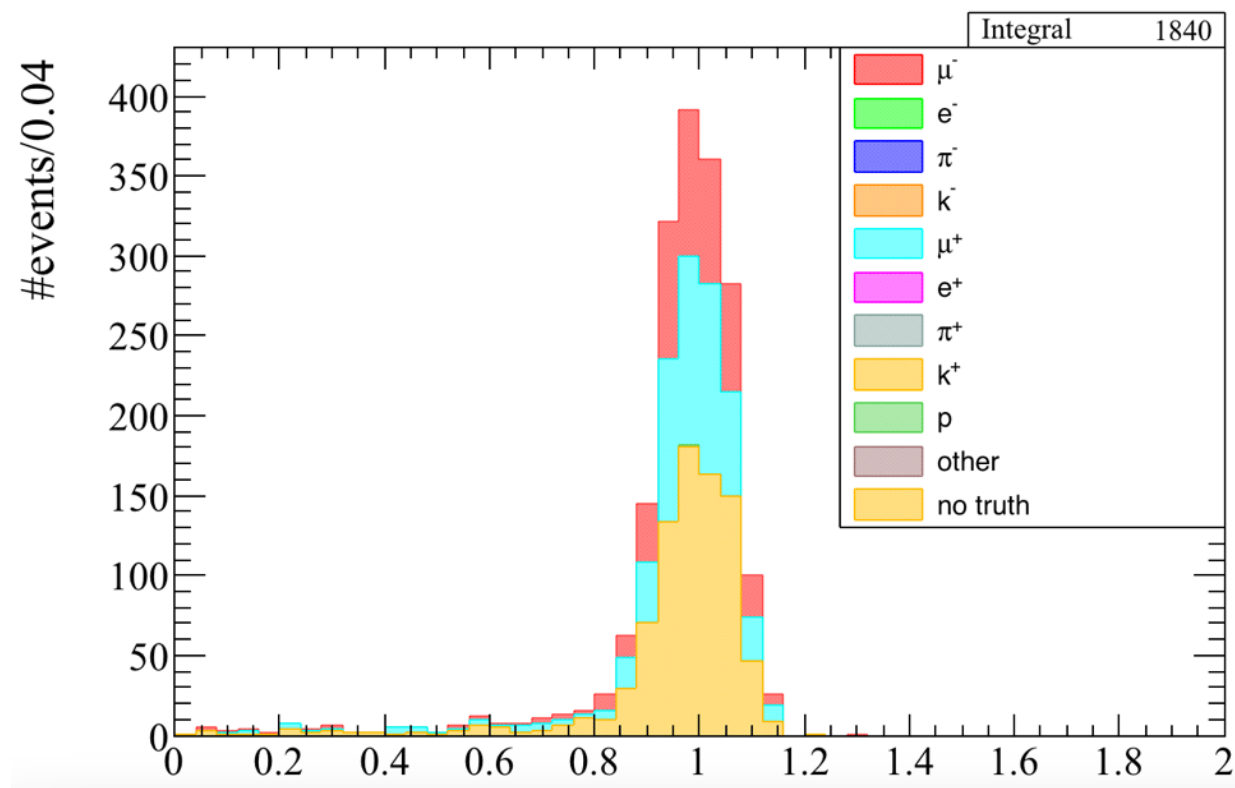
I think this is because it is not on the first 100 that I'm saving

True momentum



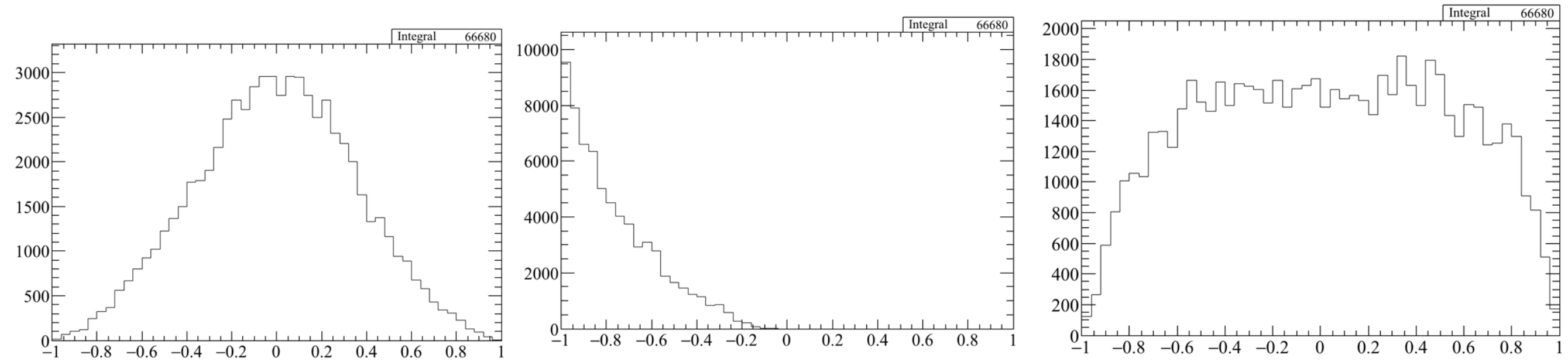
Beam particle true momentum

- Save as a property of AnaBeam inside AnaSpill

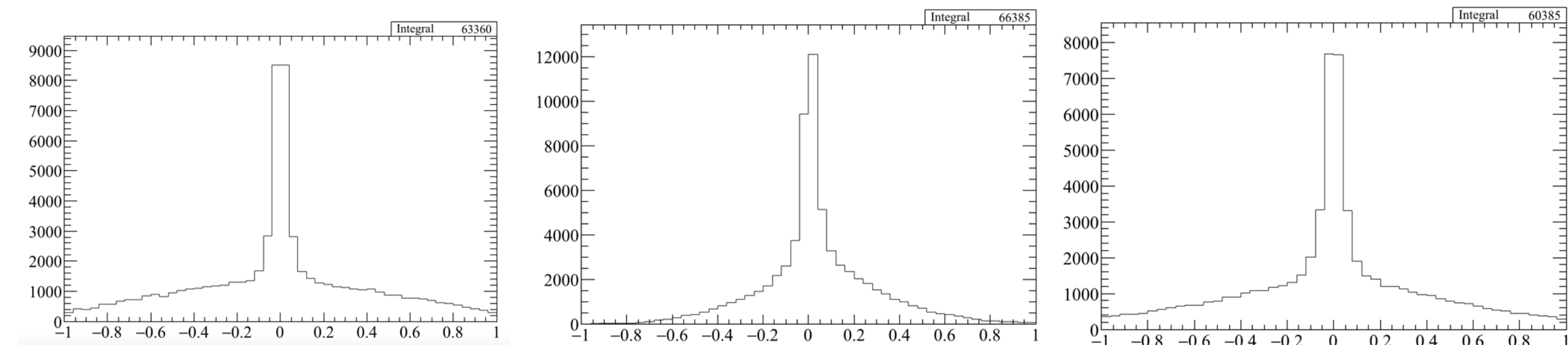


Direction (old)

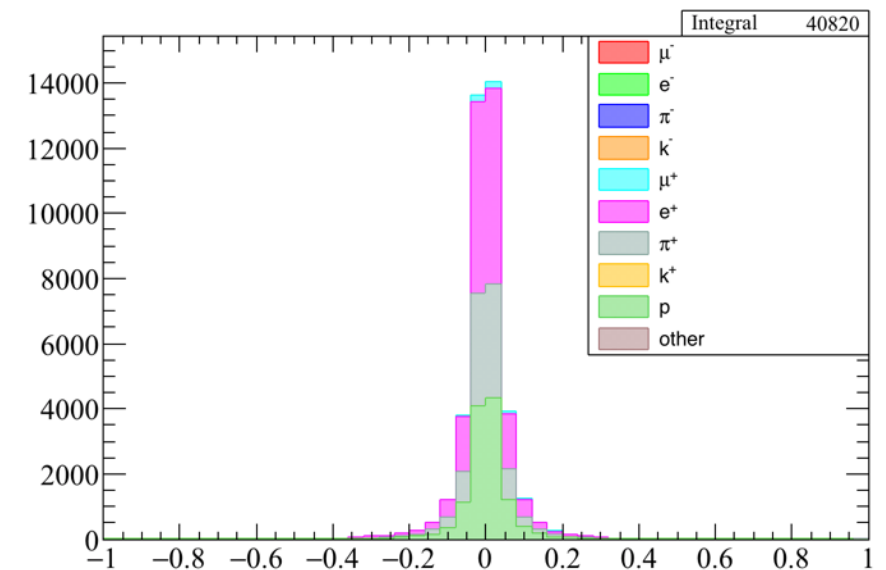
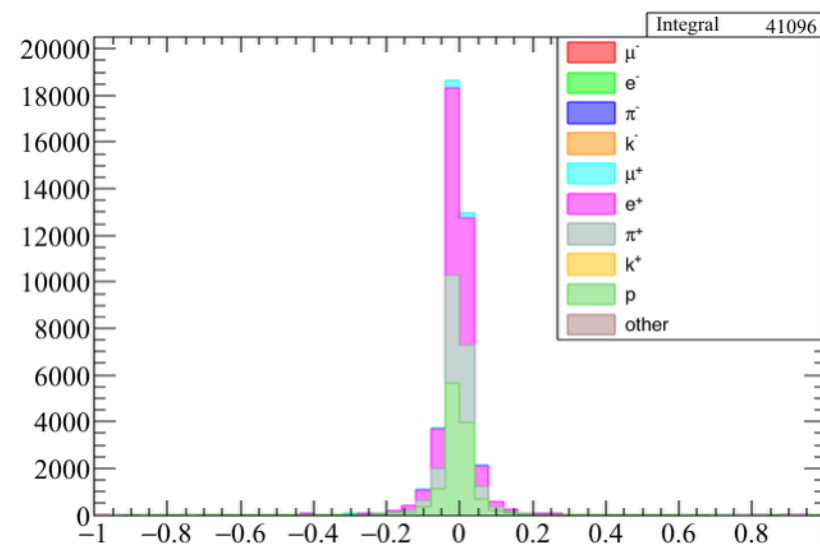
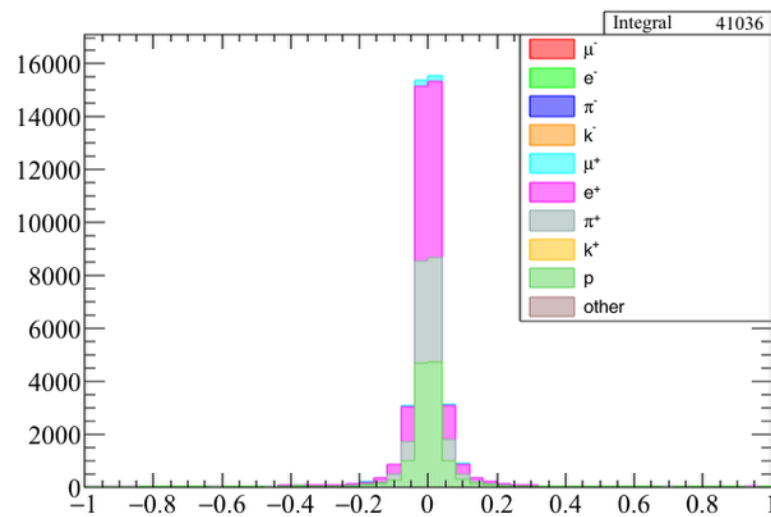
True start direction



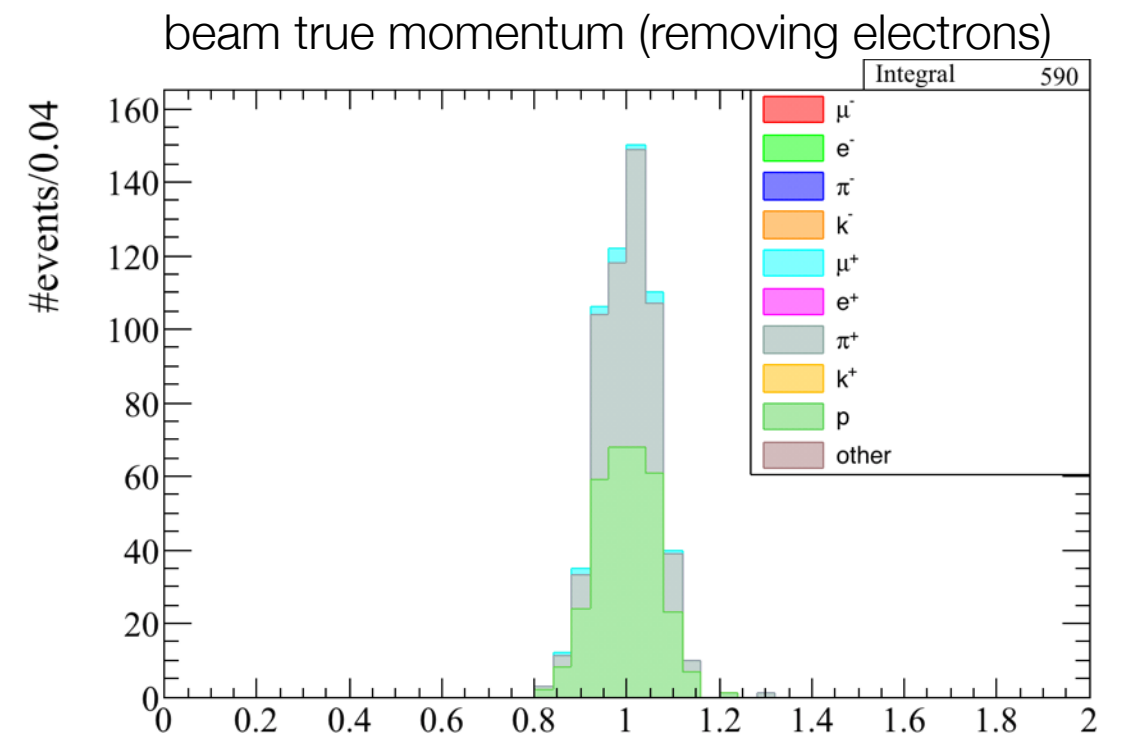
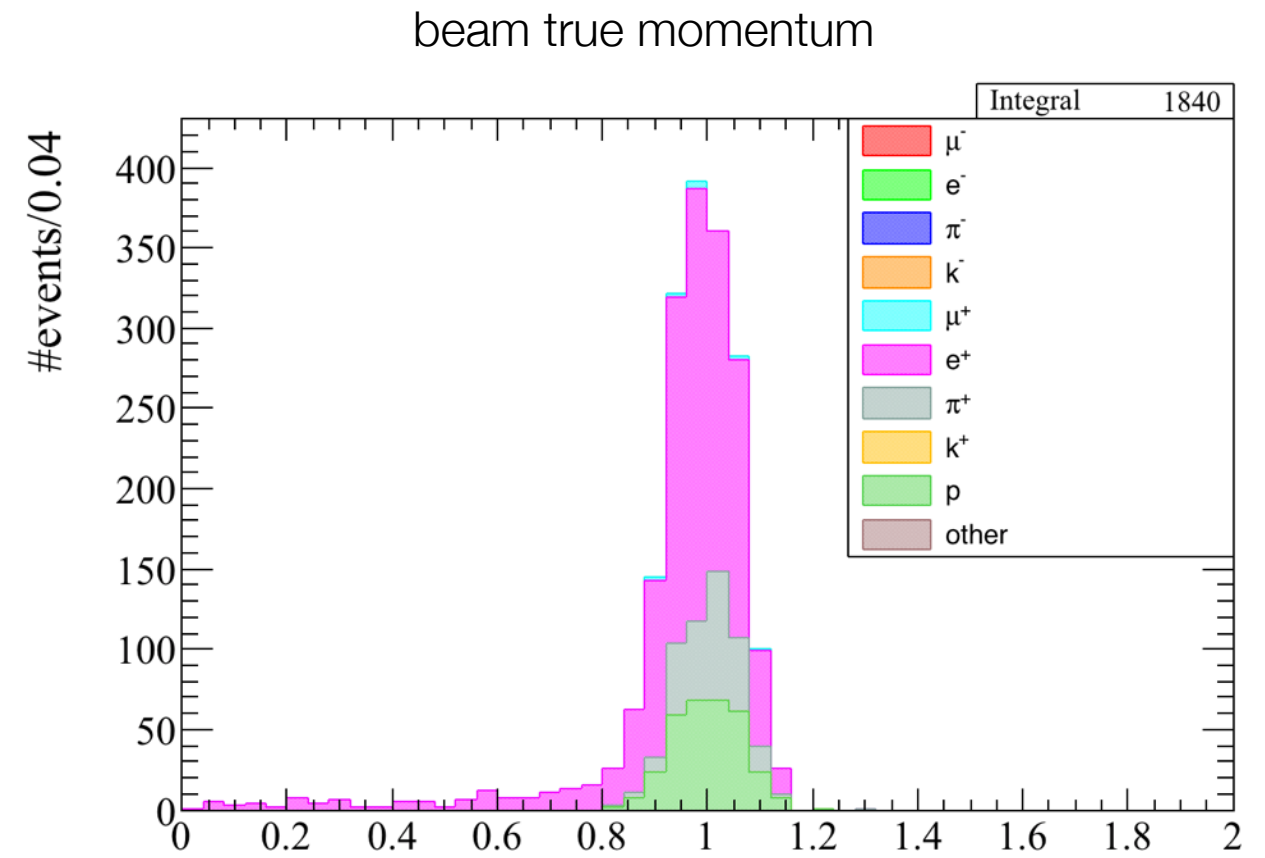
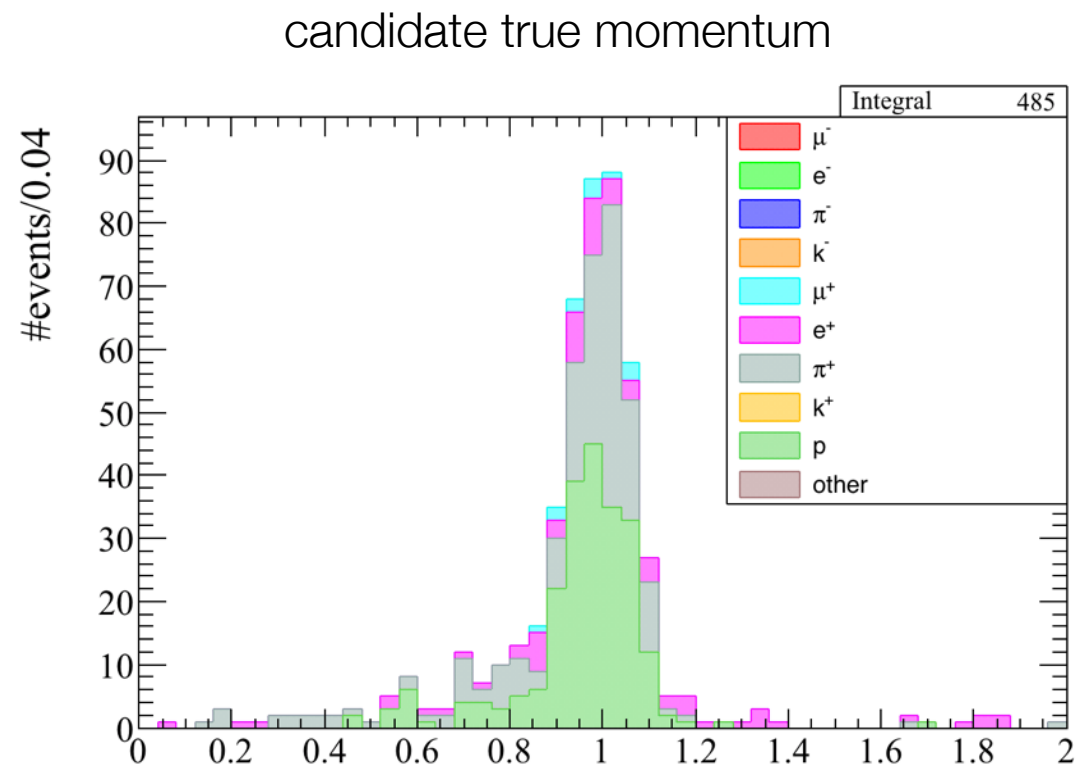
Rec-True direction



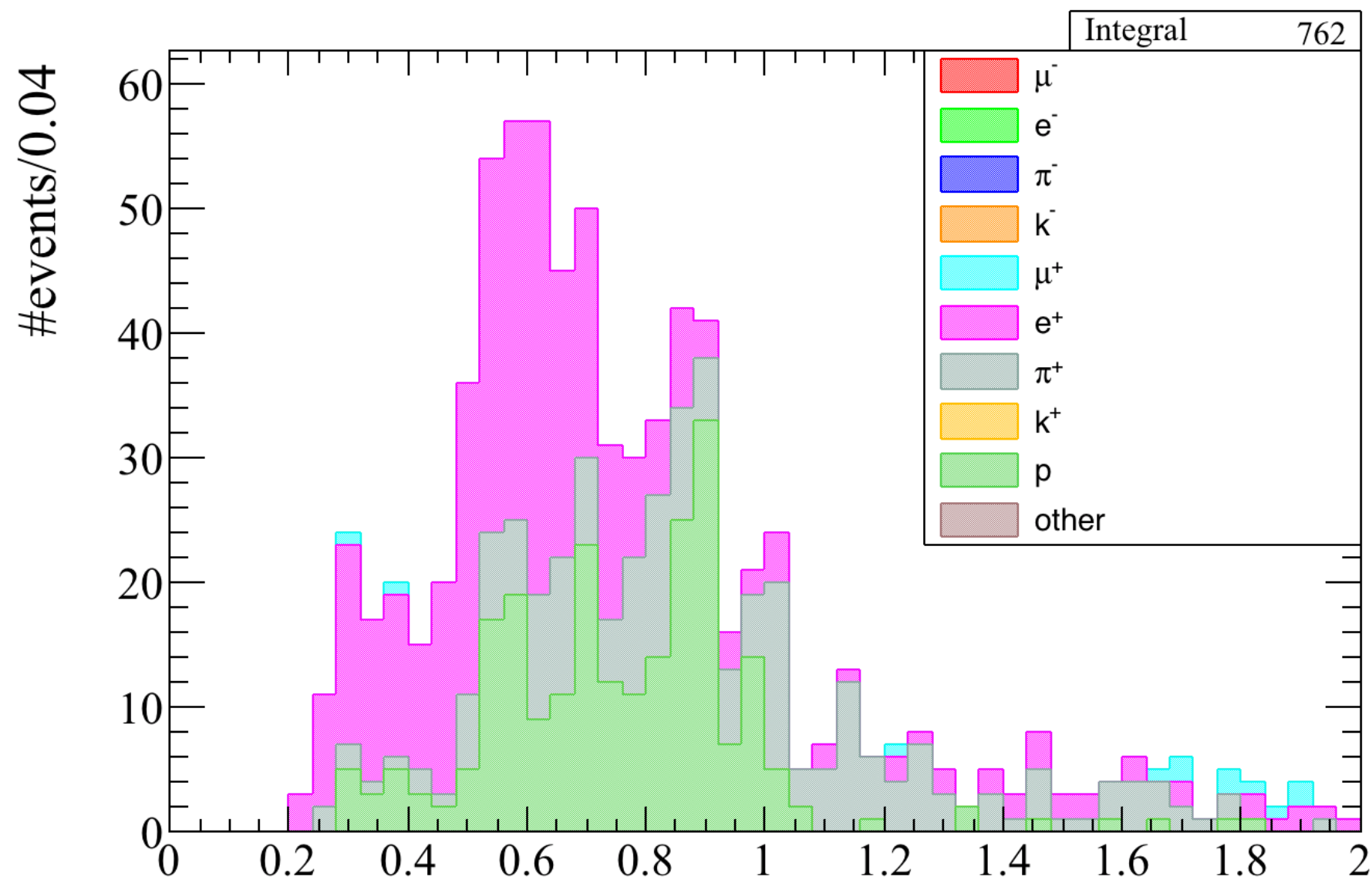
All tracks true-reco dir



Candidate true momentum



Candidate proton range momentum



candidate average dE/dx

DATA

