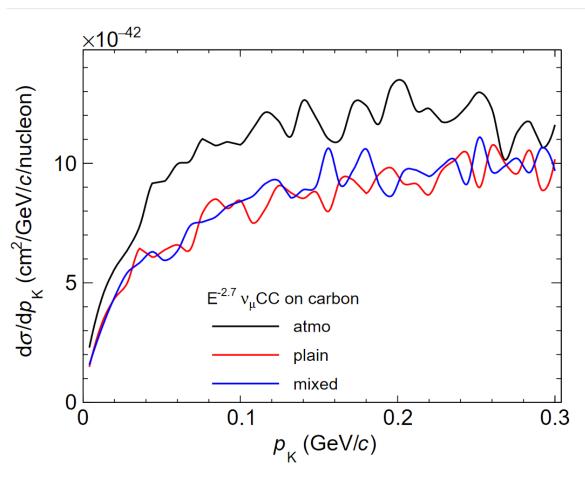
Gevgen and gevgen_atmo

- gevgen and gevgen_atmo generates different output for same flux input
 - And same tune, same target, same neutrino flavor
- Input flux is $E^{-2.7}$ flux
- Can be noticed easily when looking at K^+ momentum spectrum
 - Count K^+ particle by particle, normalize histogram as doing differential cross section plots.
 - No selection, all K^+ in output is counted.
- gevgen_atmo generates greater K^+ generation cross section

Result



Atmo: result from gevgen_atmo

Plain: result from gevgen

Mixed: result from gevgen, using

flux from

GHAKKMAtmoFlux::FillFluxHisto

 Not a simple problem from binning, using histogram from GHAKKMAtmoFlux::FillFluxHisto rule out the contribution from different binning of GHAKKMAtmoFlux

- A guide of now to reproduce the problem (and actual executed commands):
- https://files.niconi.org/genie-kaon-spectrum-simple.zip
- Please refer to README.md in the file