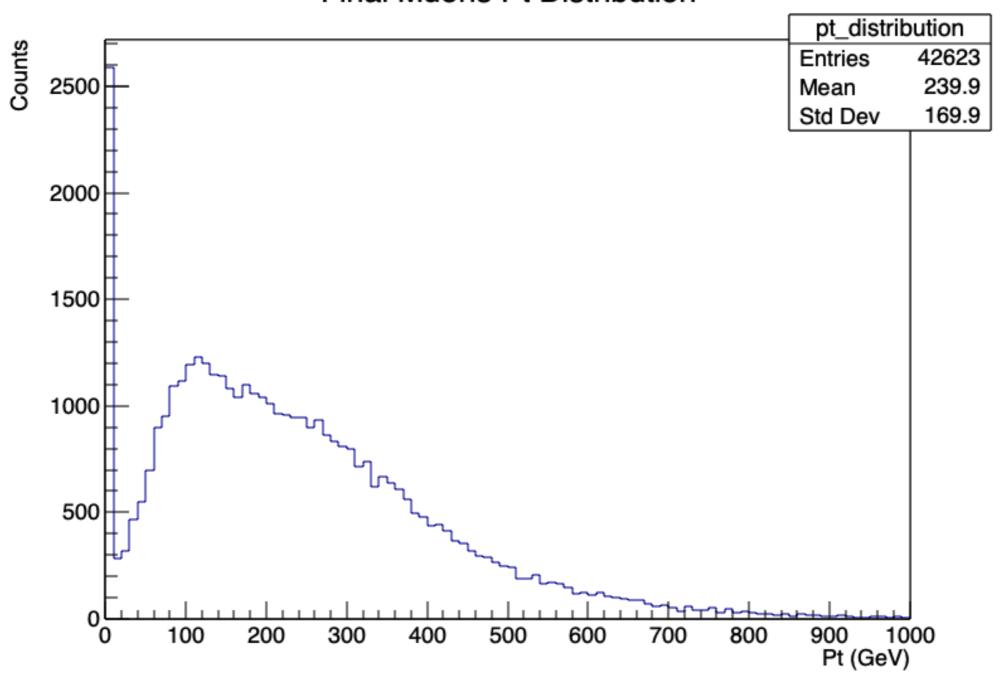
Pt plots and decay chain

All final status muons, "final" means they have status of 1

Final Muons Pt Distribution

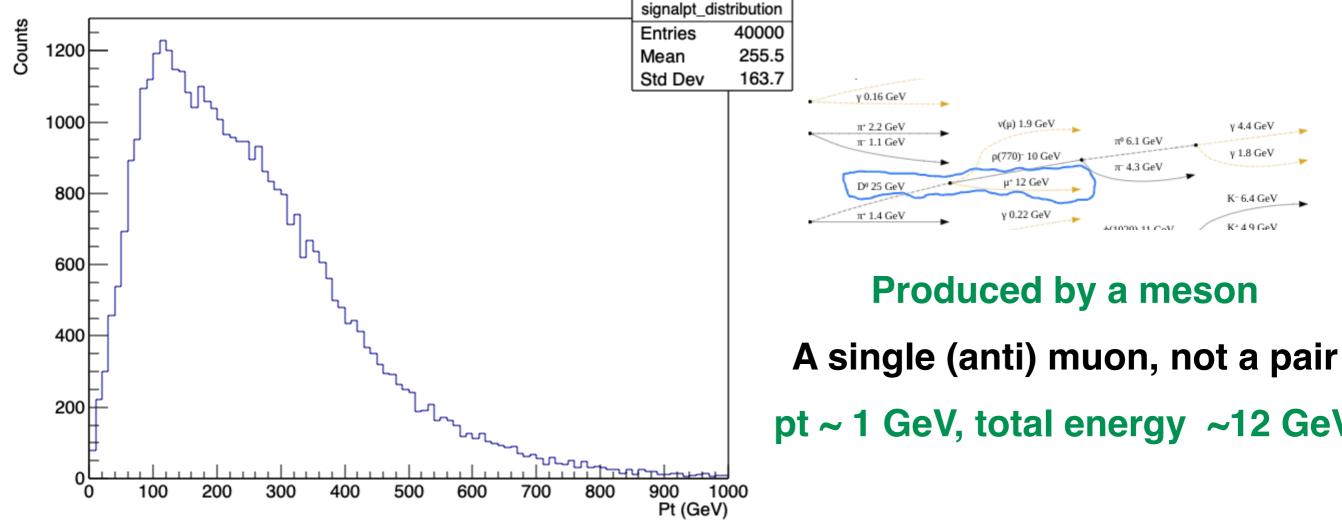


Signal muons,

"signal" means they are "final" status and produced by a smuon decay







πº 6.1 GeV

π 4.3 GeV

γ 4.4 GeV

y 1.8 GeV

K- 6.4 GeV

K+49 GeV

pt ~ 1 GeV, total energy ~12 GeV

Only 40000 entries

No peak at zero GeV

All unexpected particles come from photon interactions

Details here:

https://tiny.utk.edu/decayprodcuts

An event with photon, emitted by a muon coming from a smuon decay, the photon itself pair-produce e- e+

