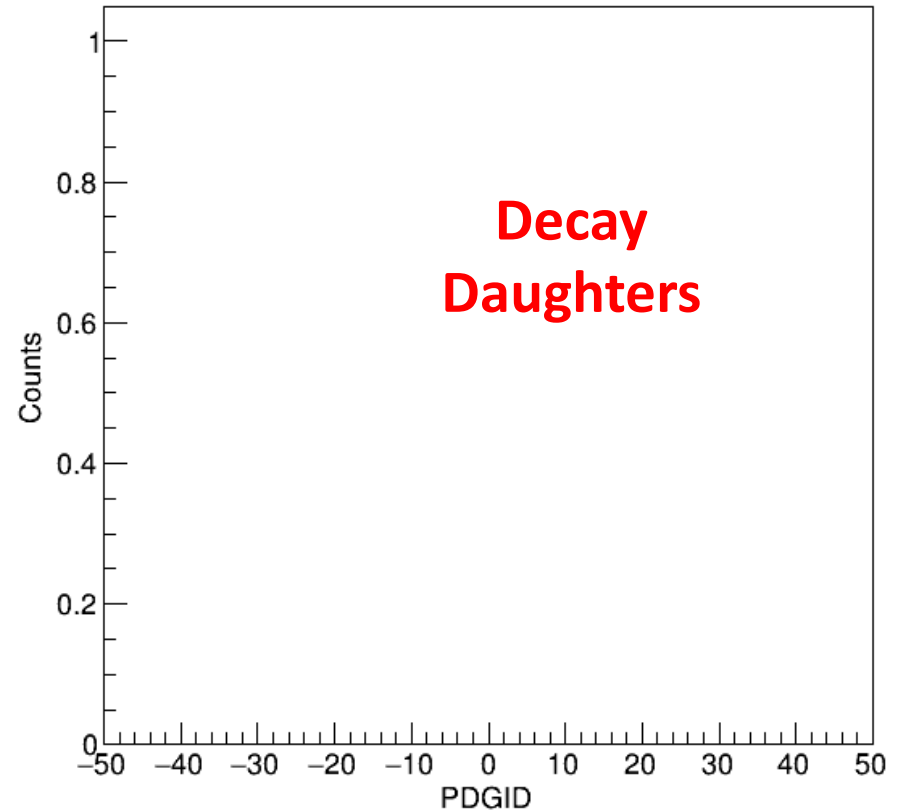
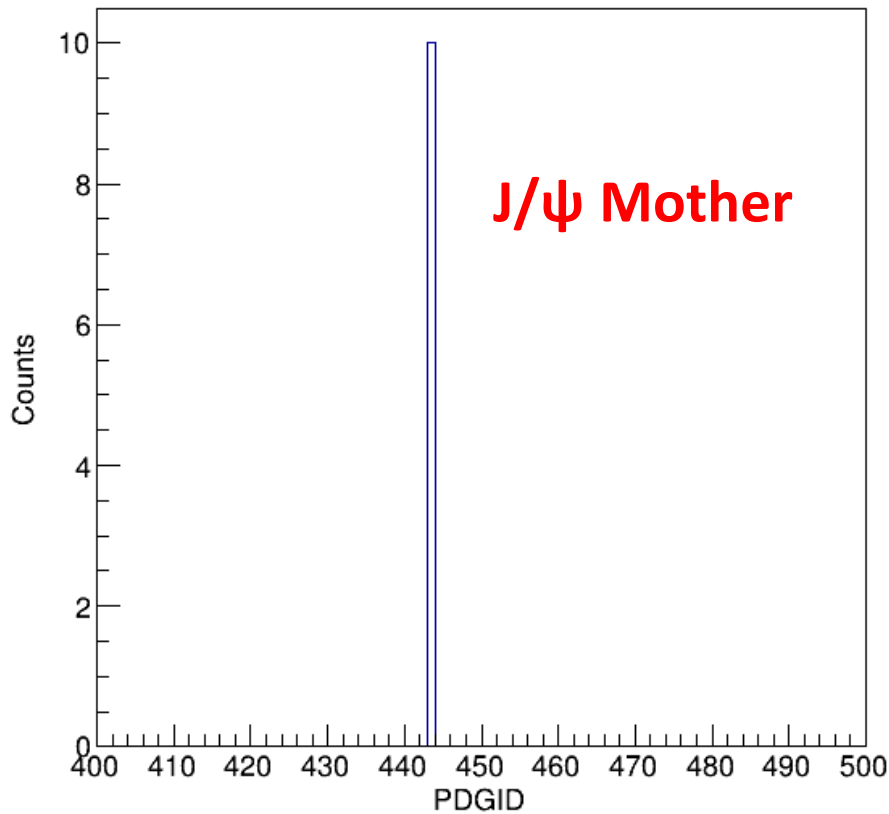
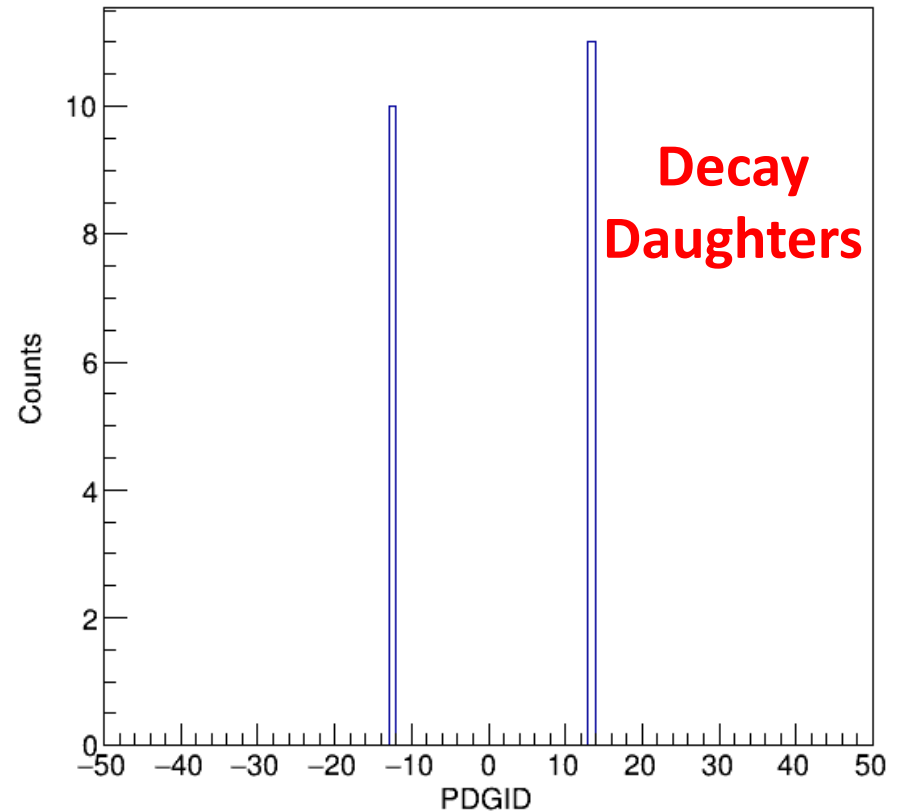
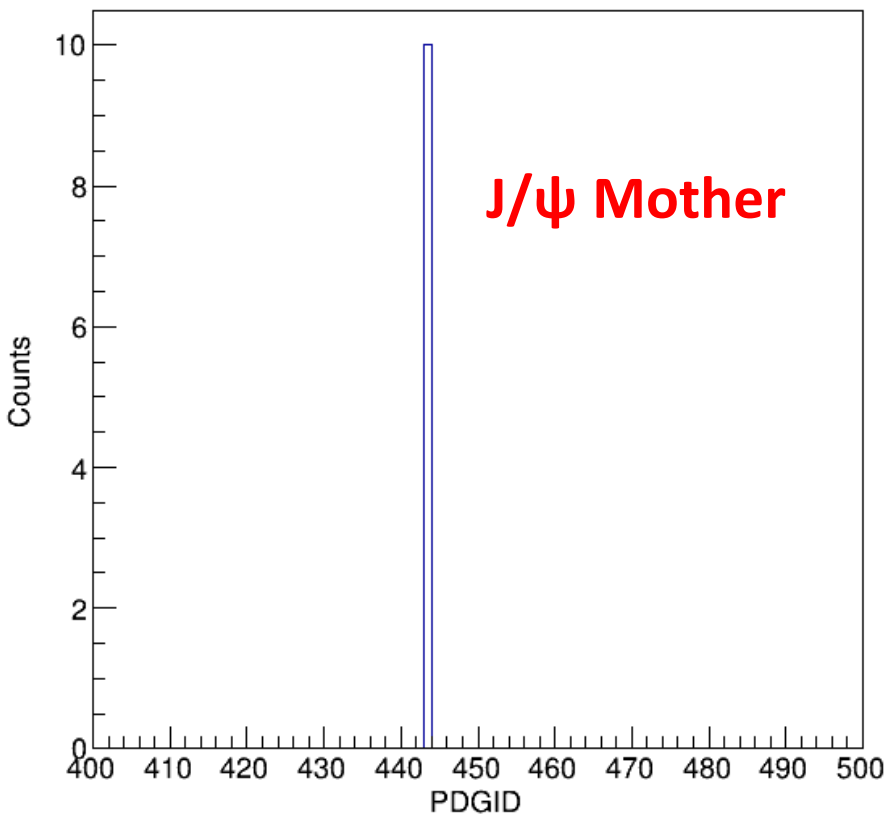


Origin PYTHIA 6 Decayer on GEANT 4 Particles



- Inject particle J/ψ in Fun4All macro
- Set decay type: `EDecayType decayType = EDecayType::kDiMuon` in `GlobalVariable.C`
- Without the line: `particle->SetDecayTable(NULL)`, we are NOT able to force $J/\psi \rightarrow \mu^+ \mu^-$
- PYTHIA 6 decayer is NOT working

With the Function Nullify the Particle Decay Table



- Inject particle J/ψ in Fun4All macro
- Set decay type: `EDecayType decayType = EDecayType::kDiMuon` in `GlobalVariable.C`
- With the line: `particle->SetDecayTable(NULL)`, we are able to force $J/\psi \rightarrow \mu^+ \mu^-$
- PYTHIA 6 decayer is now working