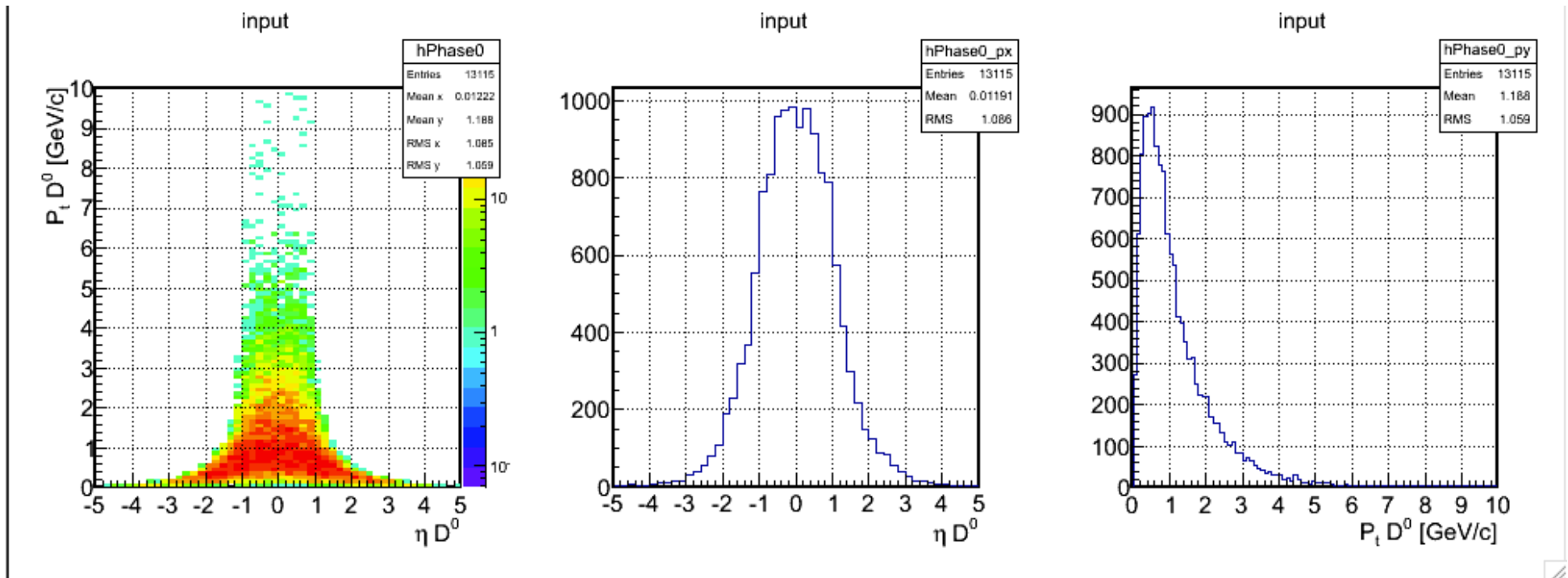
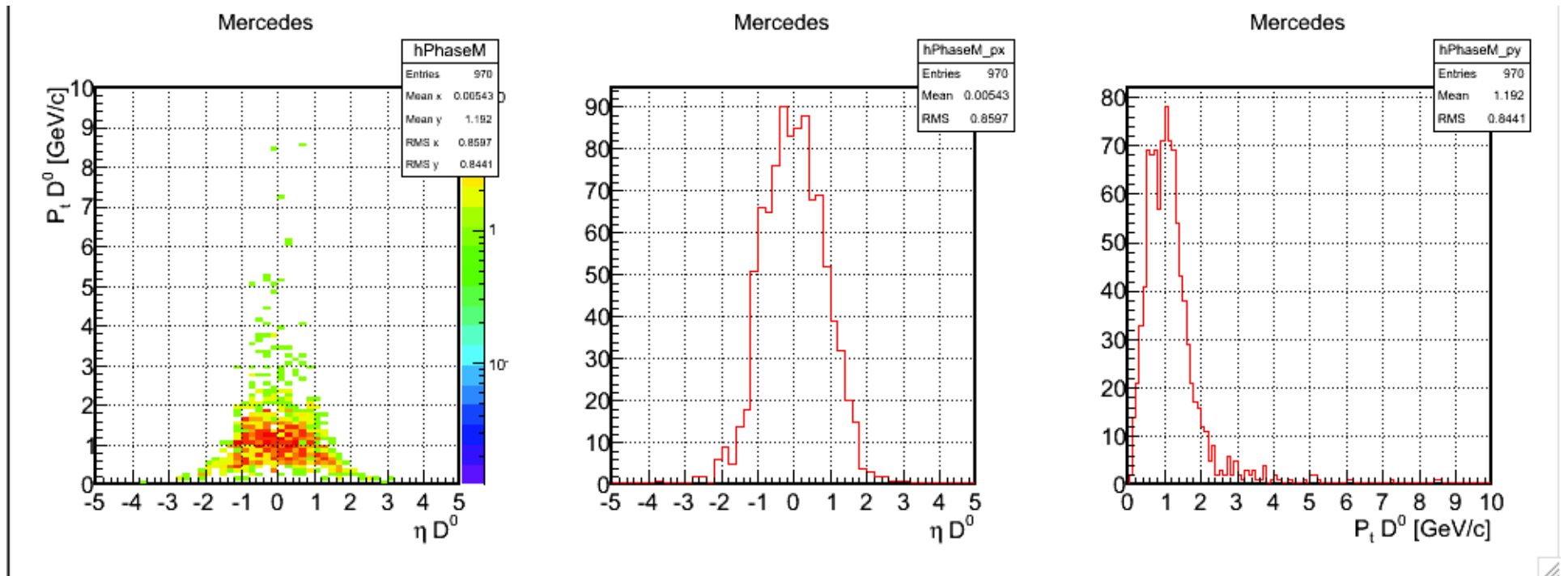


# Pt D<sup>0</sup> input

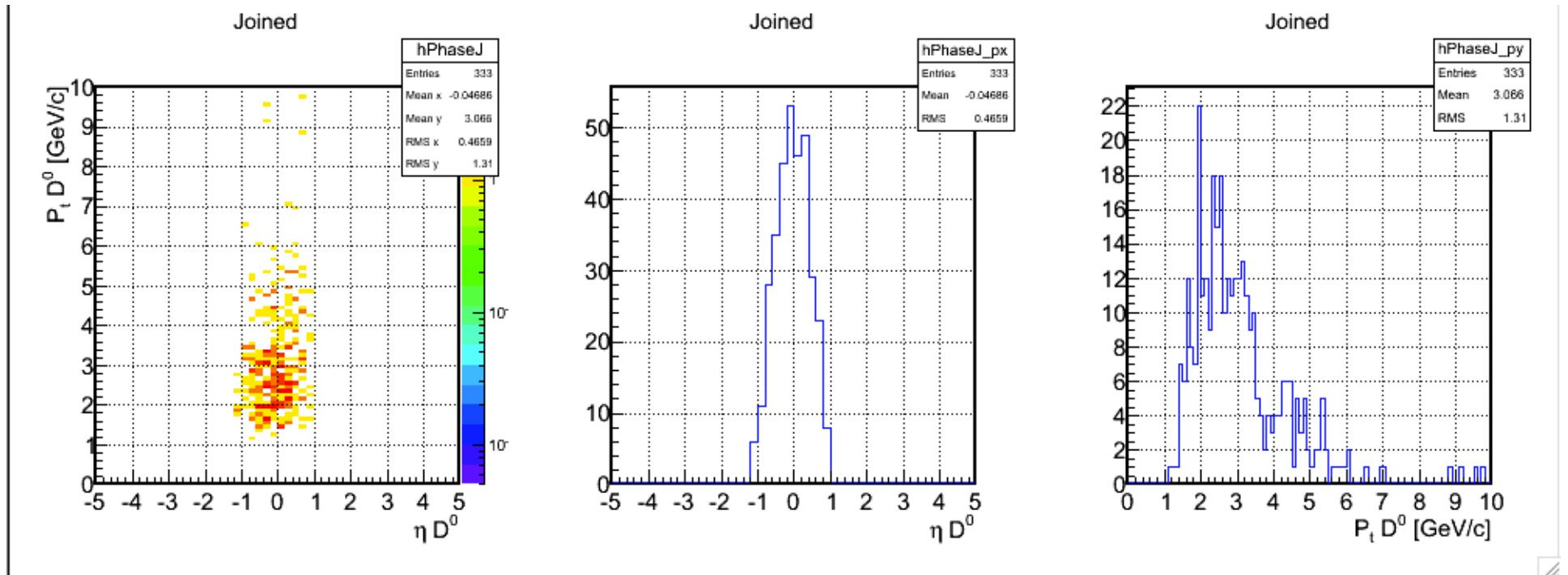
- 50k D<sup>0</sup> with real-pt spectra
- UPGR15 geometry (aka simplified pixel)
- 0 < Pt < 10
- -3 < y < 3
- After basic cuts on 2 daughters (Pt>.1 and |eta|<1 for both daughters), I end up with 13k D<sup>0</sup> (see plots below)



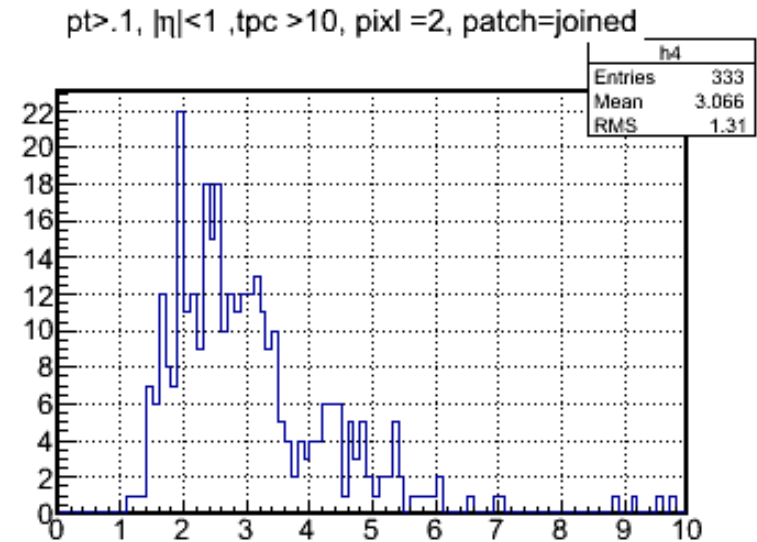
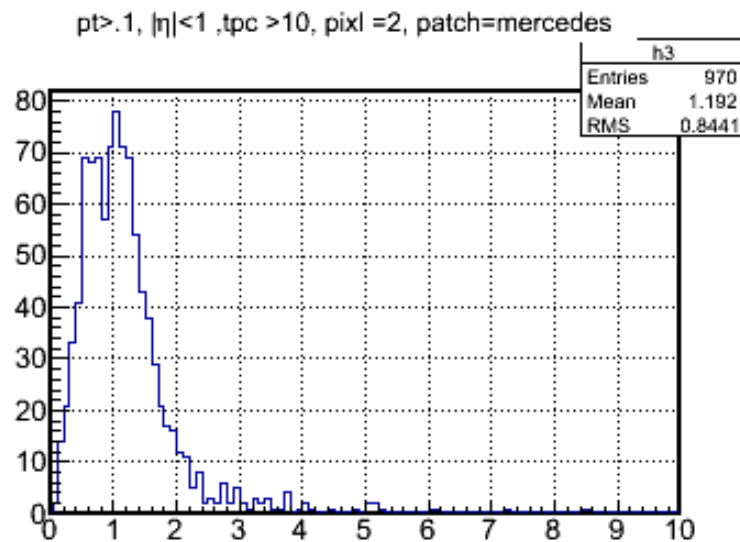
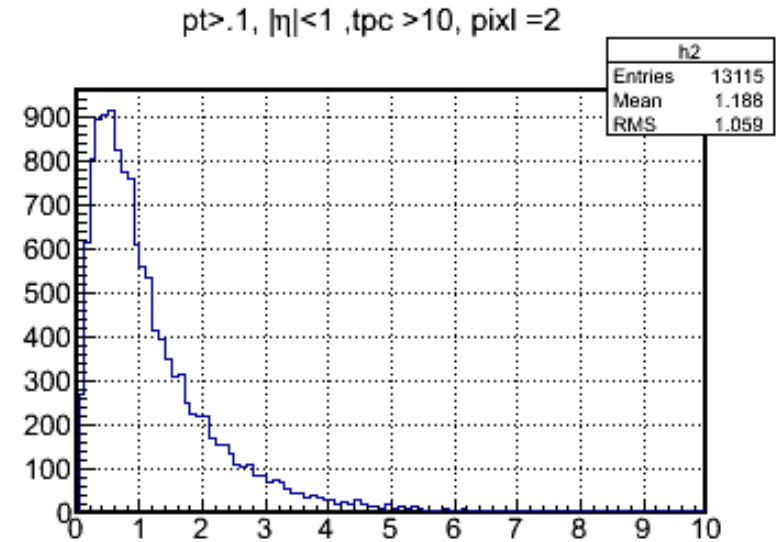
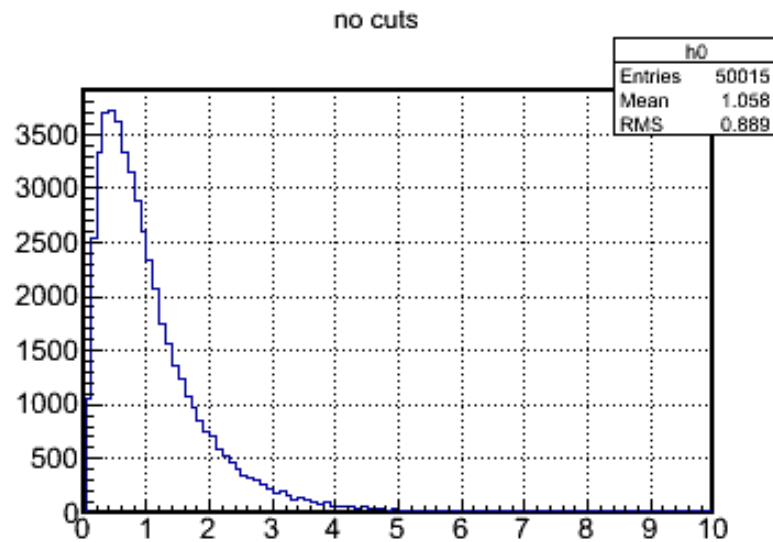
# Mercedes patch



# joined patch



# Count breakdown



# counts breakdown

