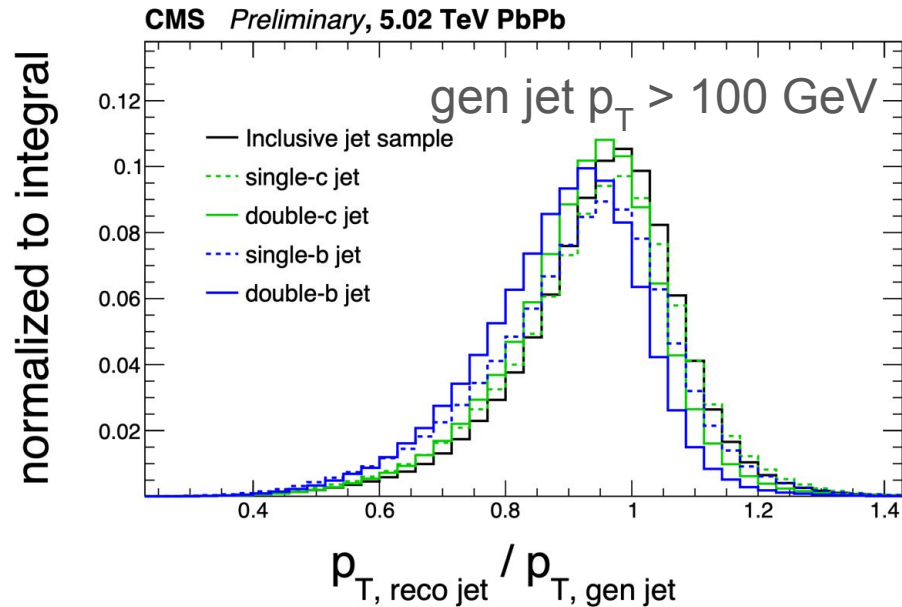


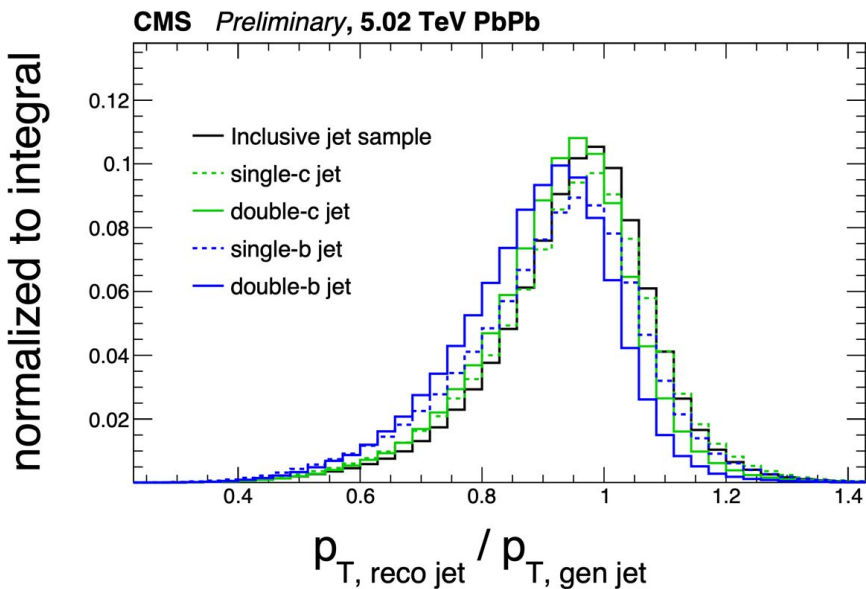
# Heavy-flavor jet response

- Reported analysis progress at high- $p_T$ , in particular that we observe a strong dependence on heavy-flavor component of jet
- It was suggested that it could be due to a bug in HiForest where neutrinos are included in the gen jet collection (which should never be the case)
- Confirmed that neutrinos were included in gen jet collection
- More neutrino-in-jet bugs found by Hannah for UPC jets. Reported jointly with High- $p_T$ .
- Continuing analysis with corrected forest.

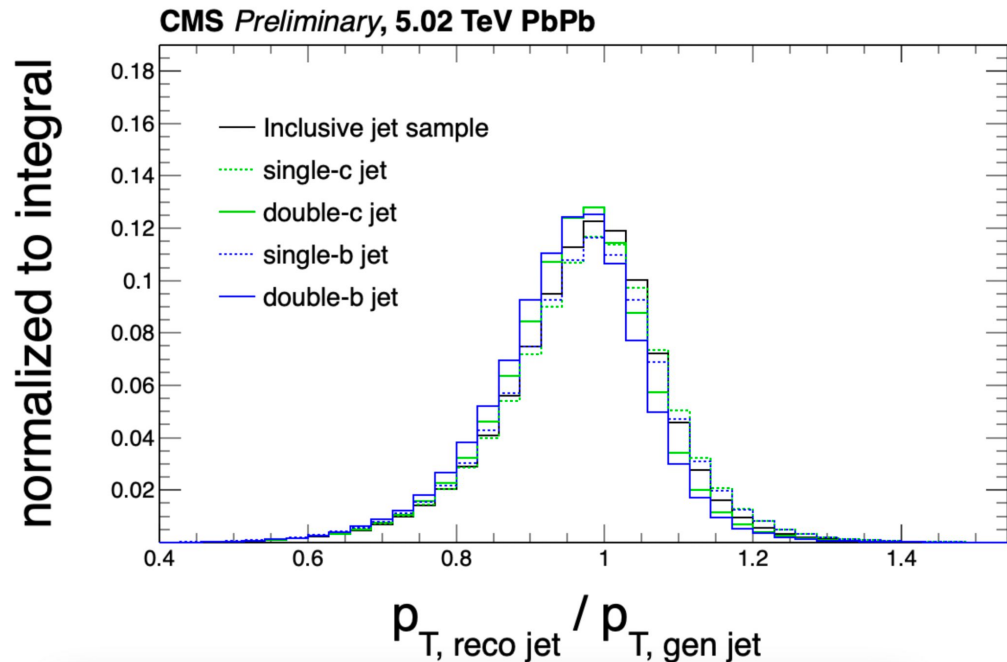
Previously observed trends



With neutrinos in gen jet  
("old" sample)



Without neutrinos in gen jet  
(new sample)



Spread among response is reduced.

Hierarchy remains, but less pronounced (response looks inclusive-like)