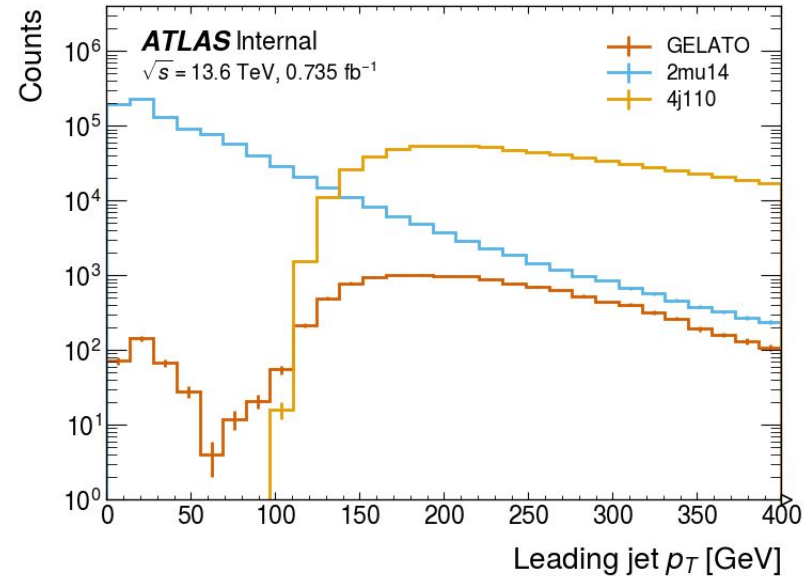
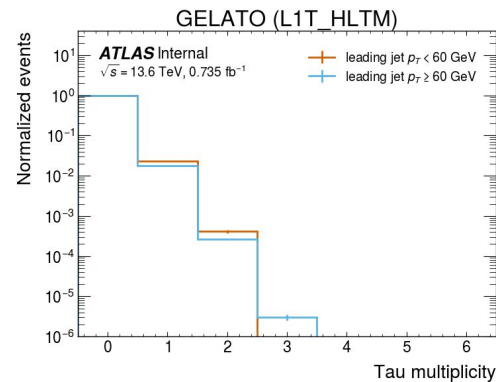
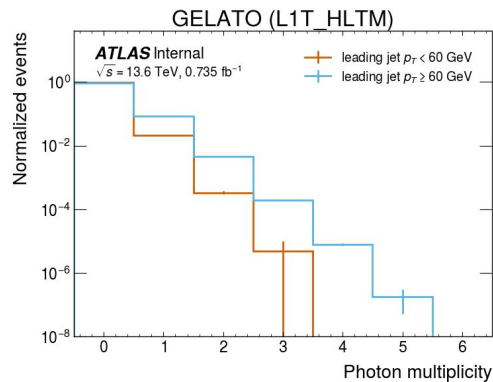
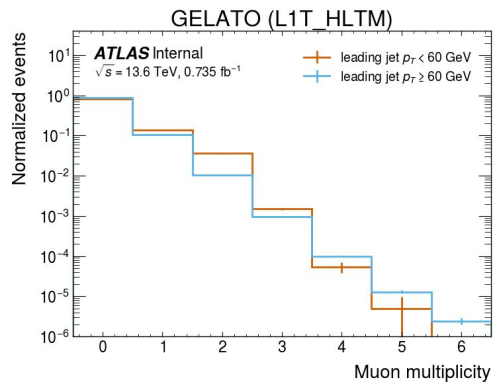
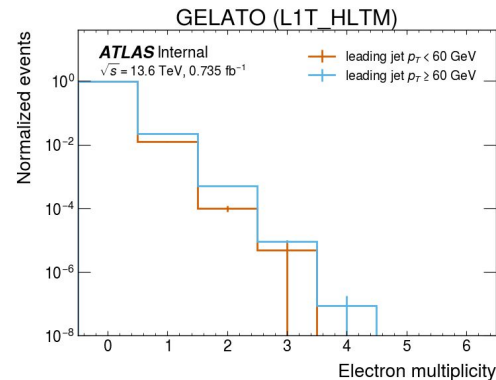
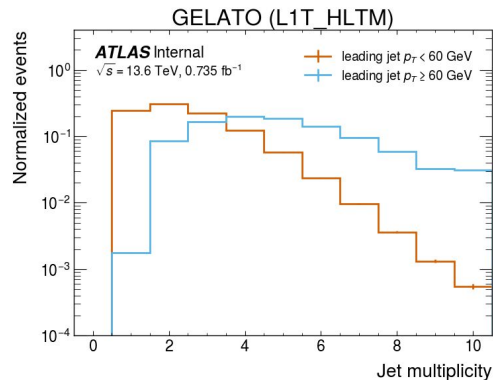
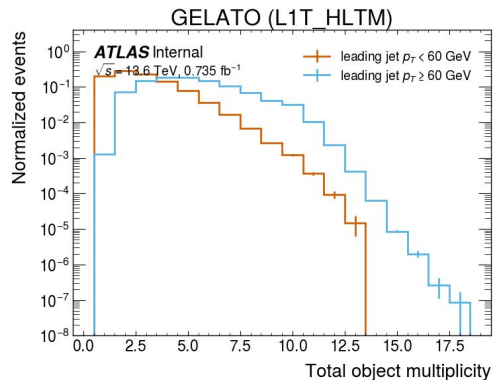


Two peaks in p_T

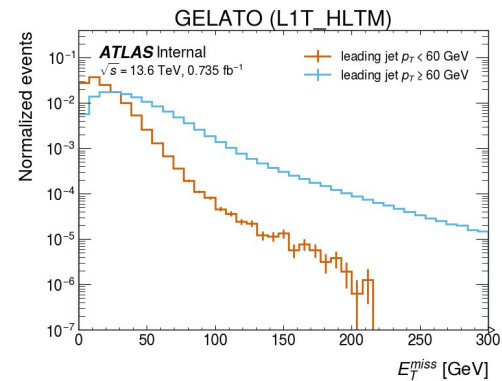
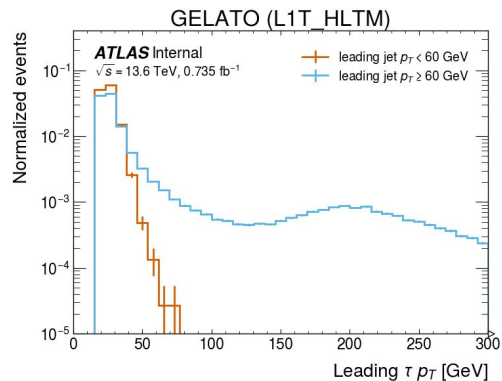
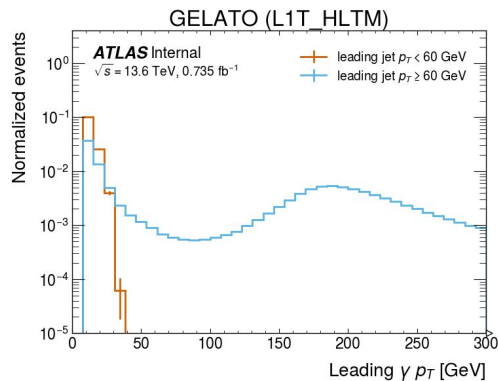
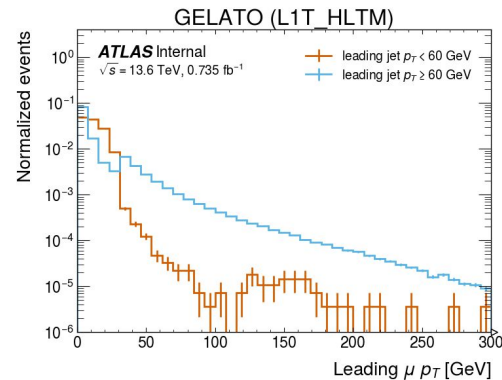
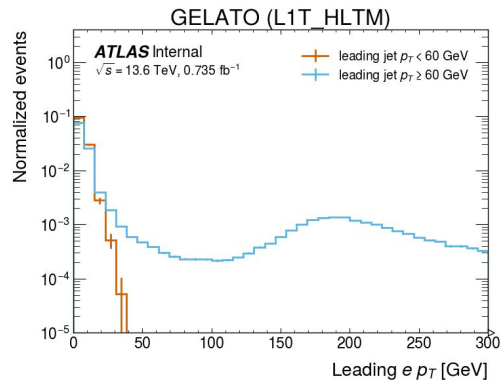
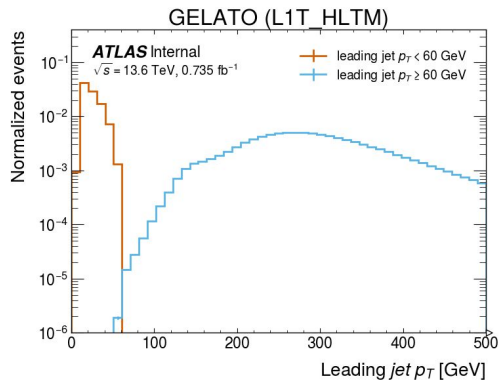
From last week:



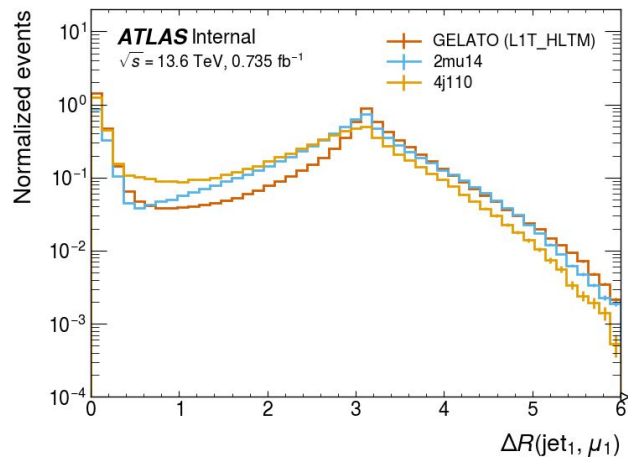
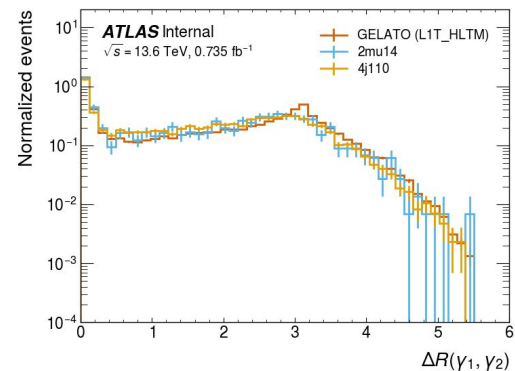
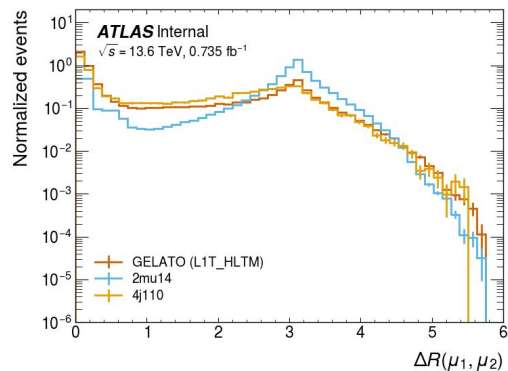
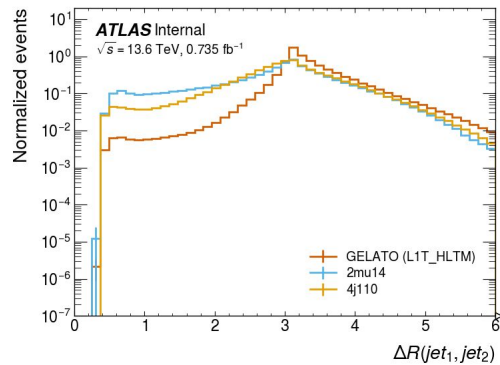
Two peaks in pt



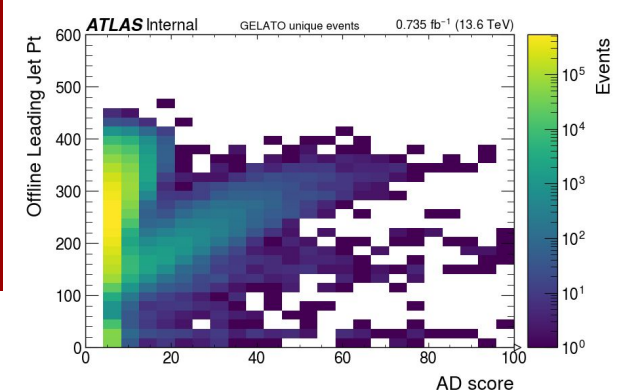
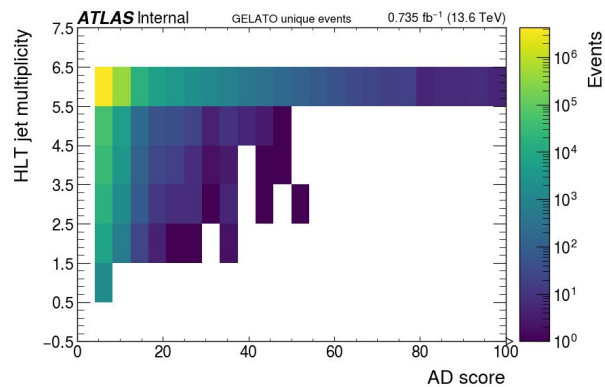
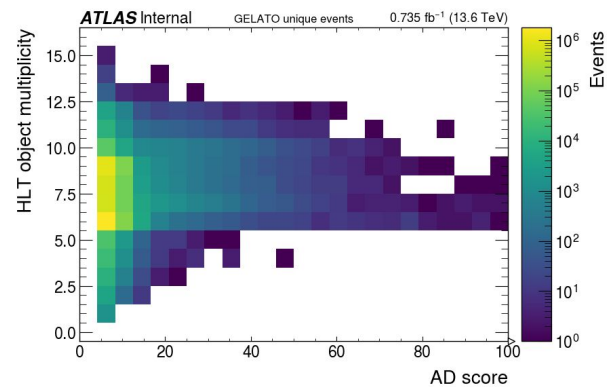
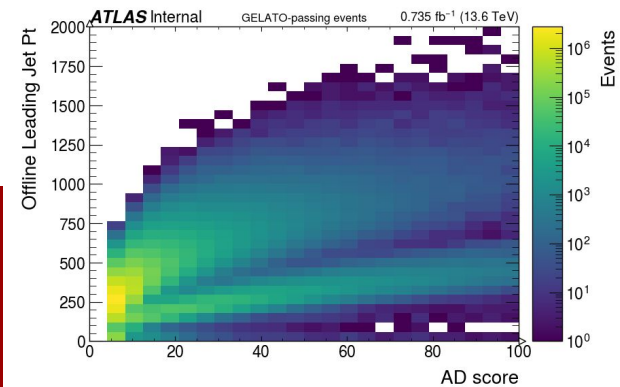
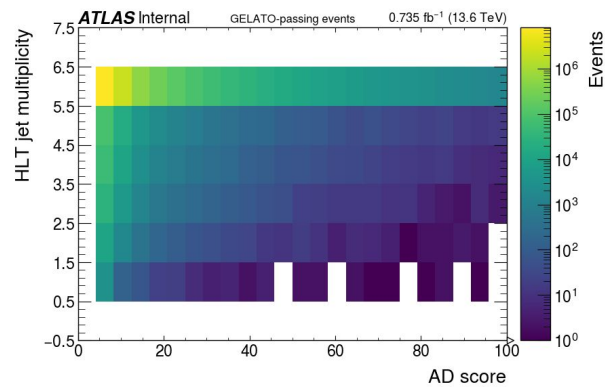
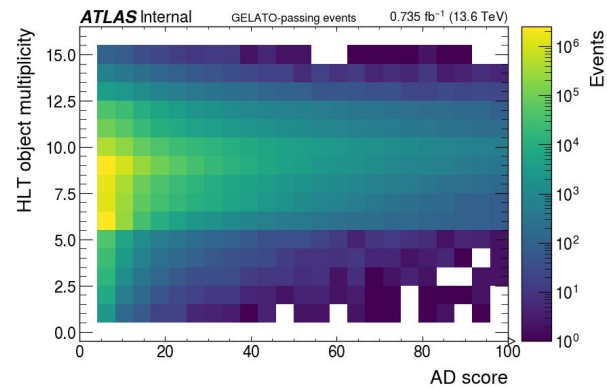
Two peaks in p_T



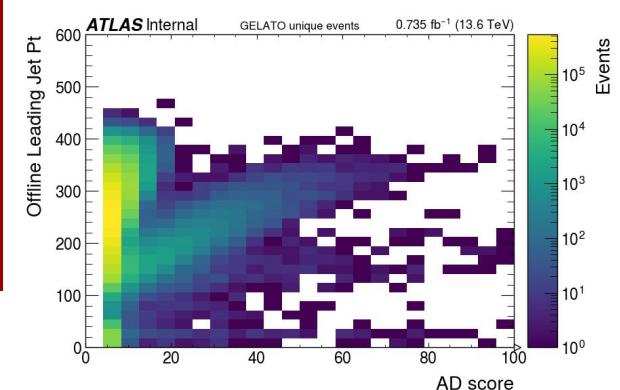
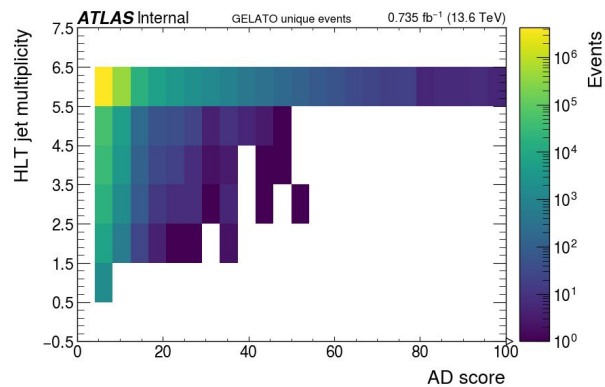
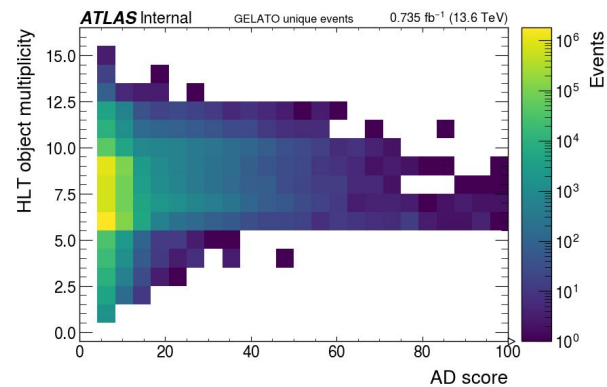
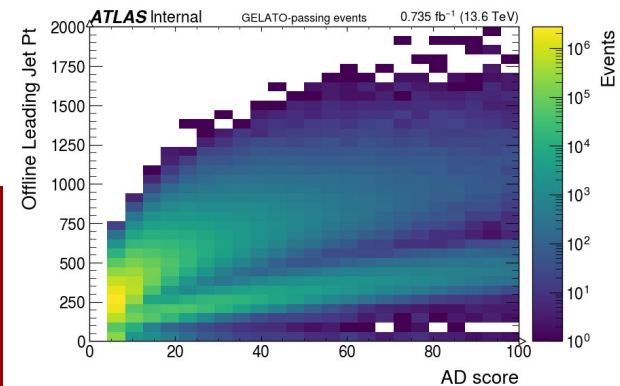
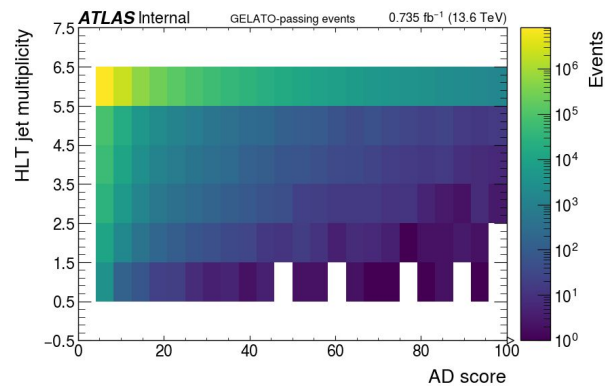
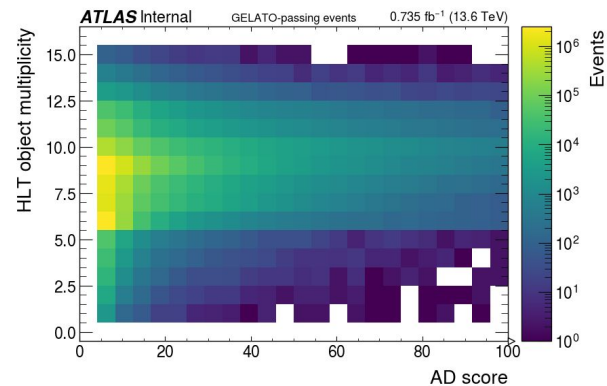
Angular Distributions



2D histograms: What variables are correlated with AD score?

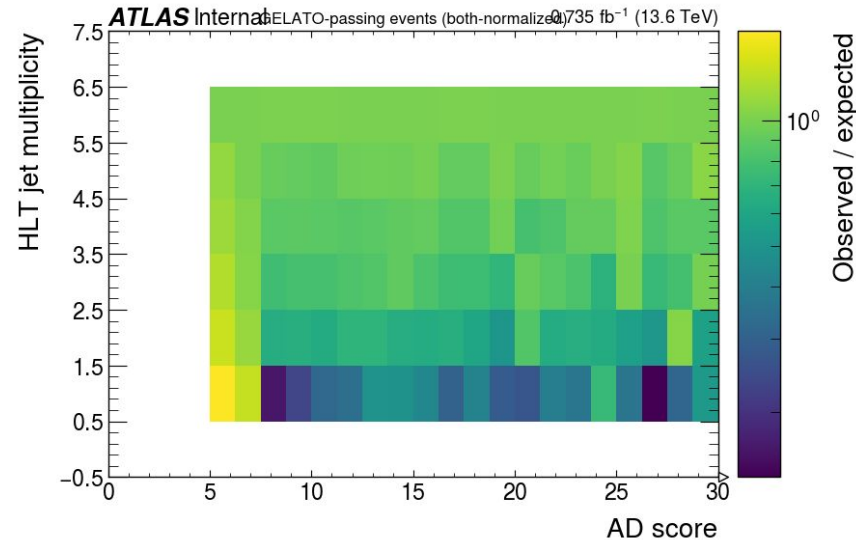
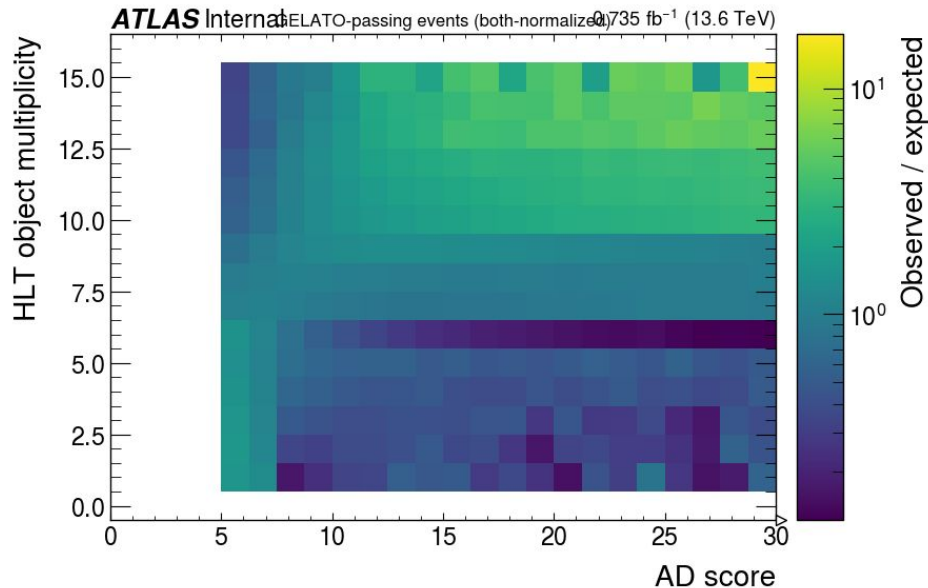


2D histograms: What variables are correlated with AD score?



Why no correlation here?

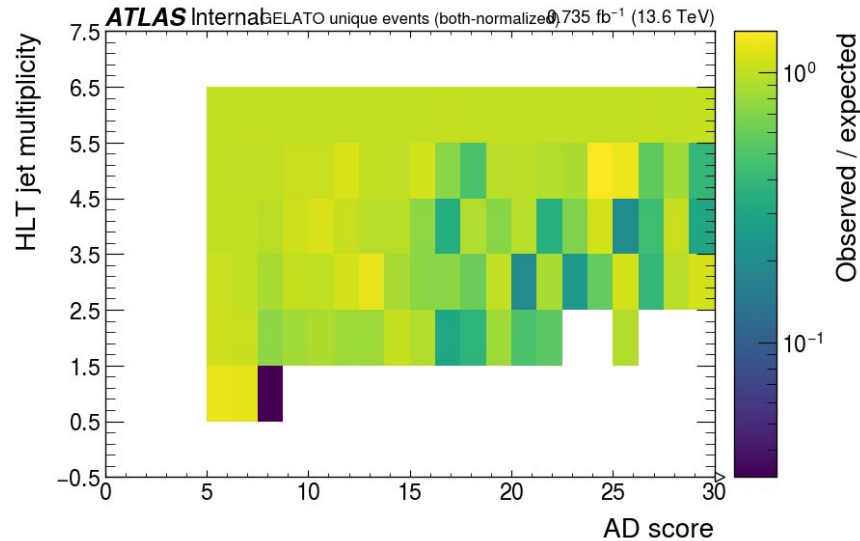
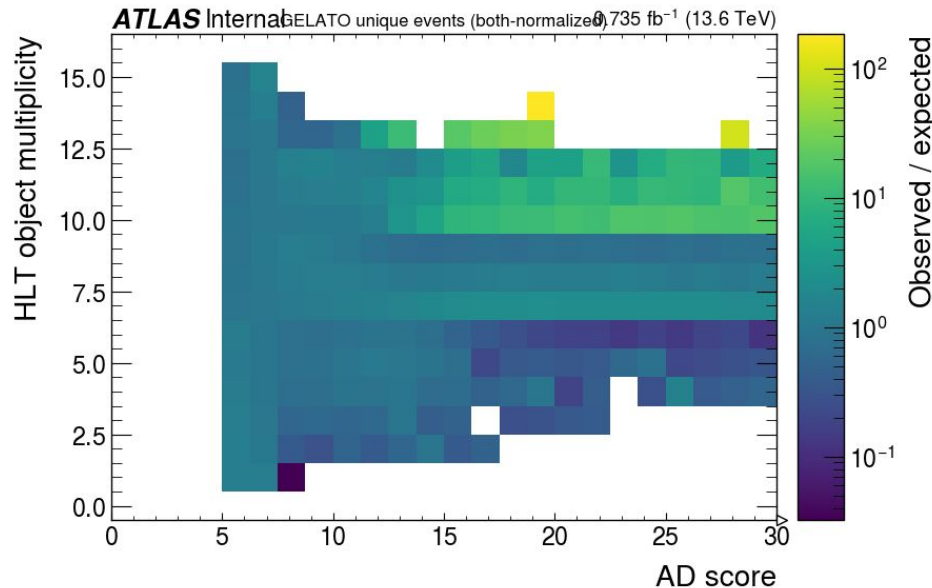
2D histograms: What variables are correlated with AD score?



Things look better when normalize the rows and columns

$$(\text{Expected counts})_{i,j} = (\text{N events in column } i) * (\text{N events in row } j) / \text{N}_{\text{total}}$$

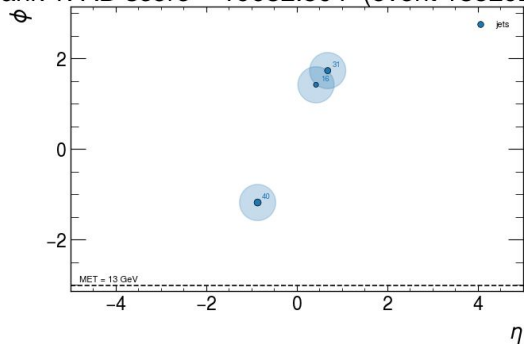
2D histograms: What variables are correlated with AD score?



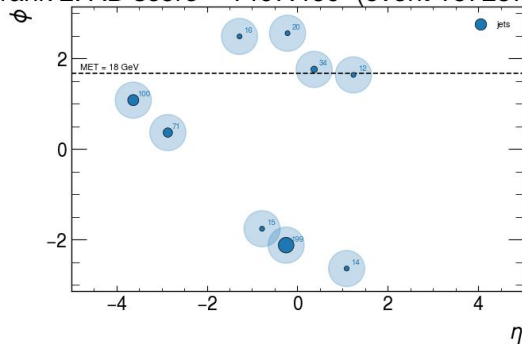
$$(\text{Expected counts})_{i,j} = (\text{N events in column } i) * (\text{N events in row } j) / N_{\text{total}}$$

Event Display

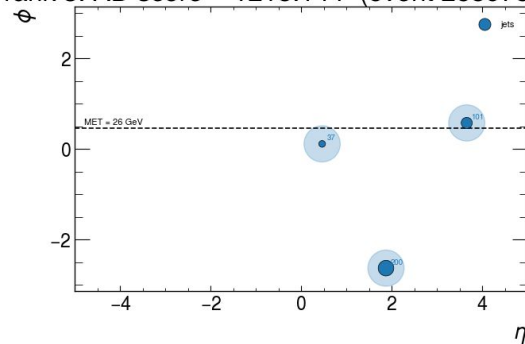
rank 1: AD score = 19082.504 (event 1852925487)



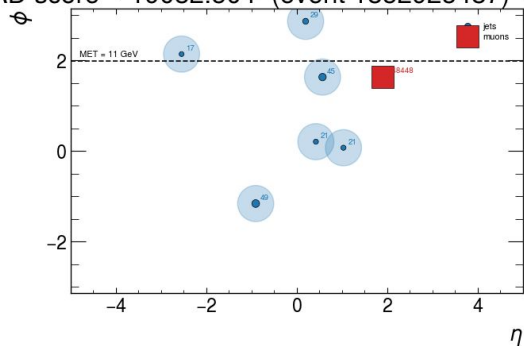
rank 2: AD score = 1407.460 (event 1672574499)



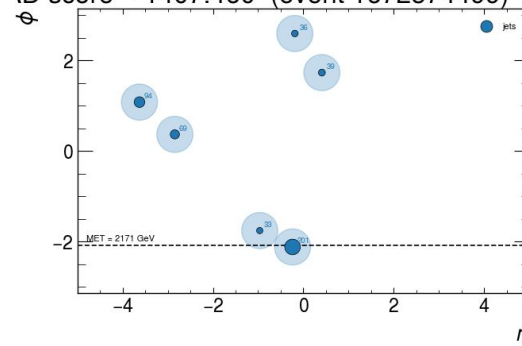
rank 3: AD score = 1215.144 (event 2659758971)



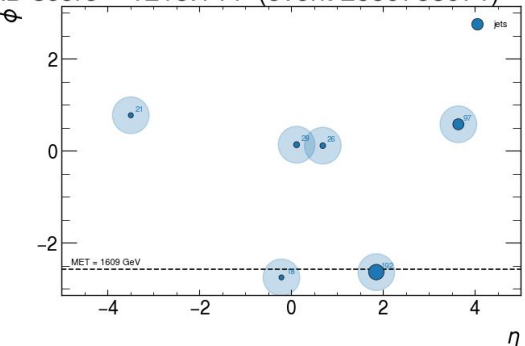
AD score = 19082.504 (event 1852925487) -- HLT



AD score = 1407.460 (event 1672574499) -- HLT

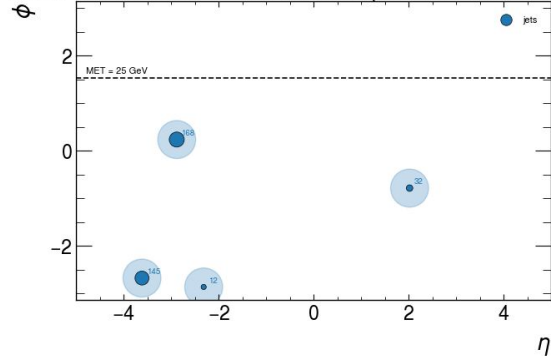


AD score = 1215.144 (event 2659758971) -- HLT

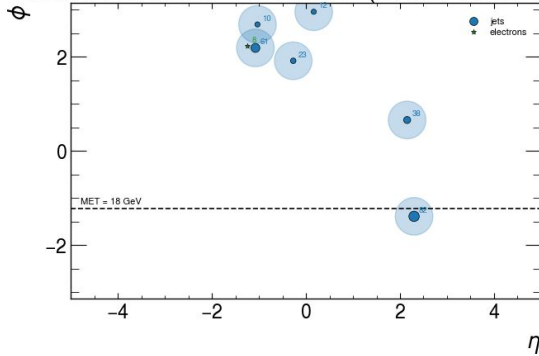


Event Display

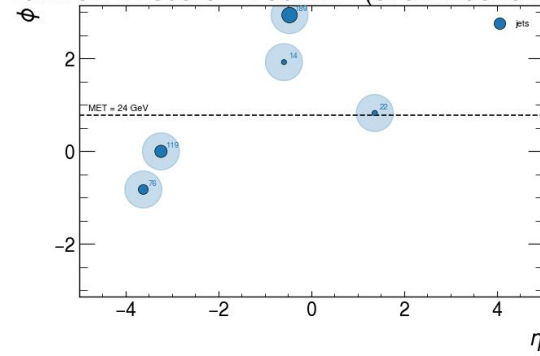
rank 4: AD score = 976.396 (event 1689631585)



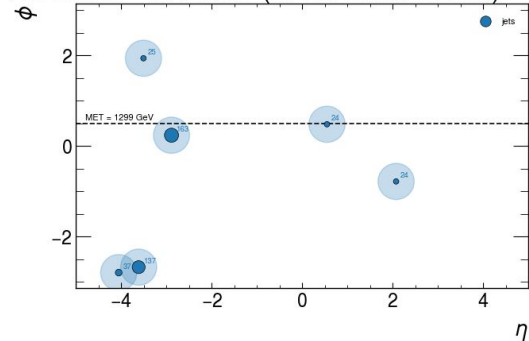
rank 5: AD score = 951.904 (event 490574286)



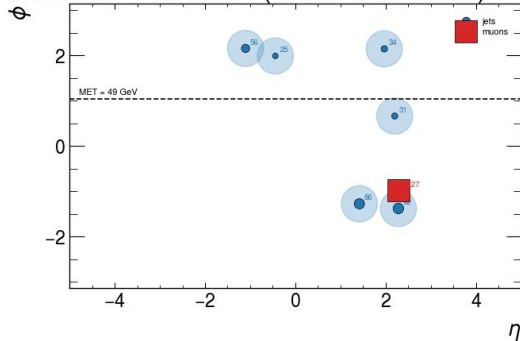
rank 6: AD score = 750.217 (event 2952523377)



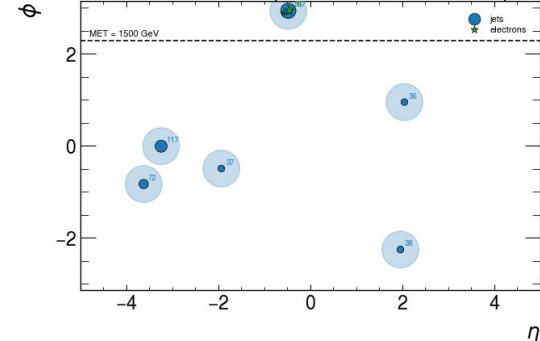
AD score = 976.396 (event 1689631585) -- HLT



AD score = 951.904 (event 490574286) -- HLT

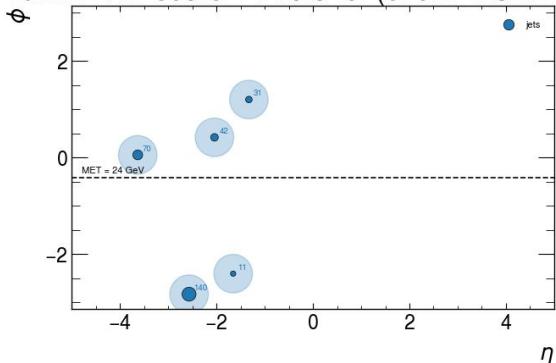


AD score = 750.217 (event 2952523377) -- HLT

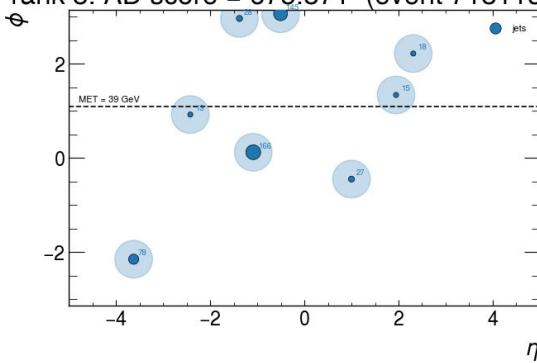


Event Display

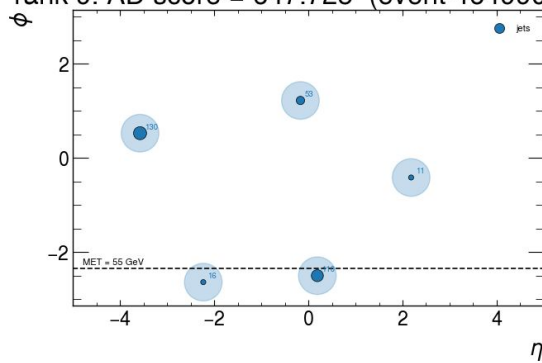
rank 1: AD score = 716.846 (event 423272647)



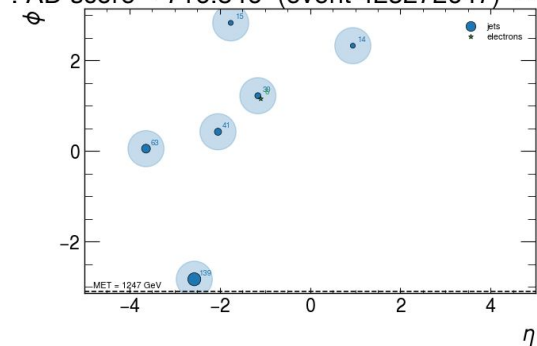
rank 8: AD score = 675.871 (event 718113250)



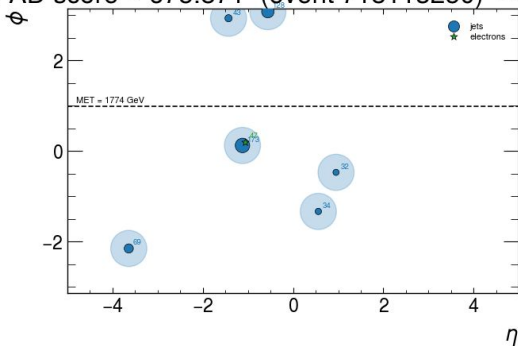
rank 9: AD score = 647.725 (event 464990706)



AD score = 716.846 (event 423272647) -- HLT c



AD score = 675.871 (event 718113250) -- HLT c



AD score = 647.725 (event 464990706) -- HLT c

