DNN output H ($\mu^+\mu^-$ channel)
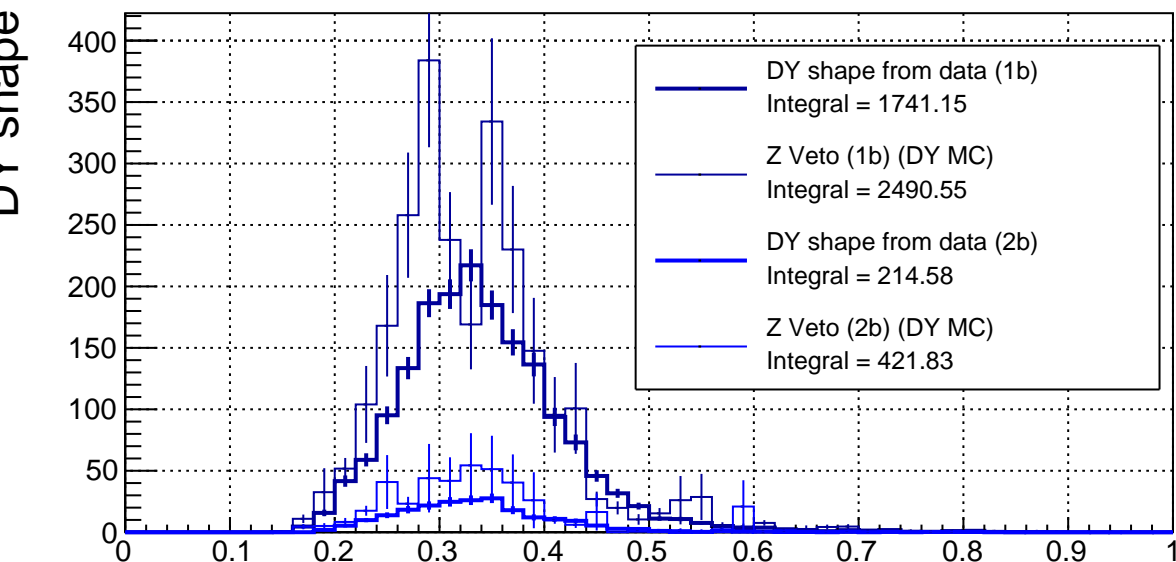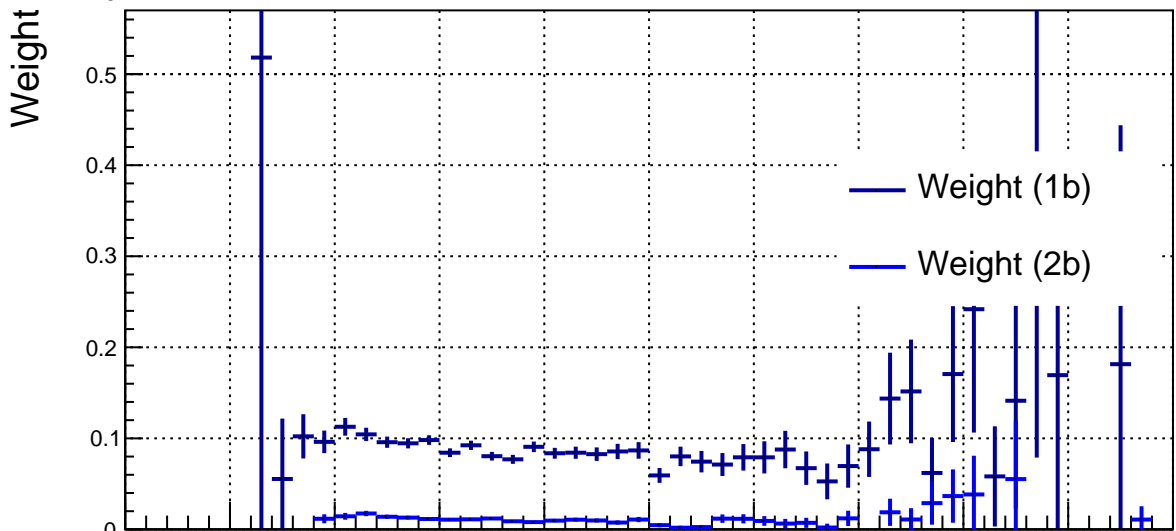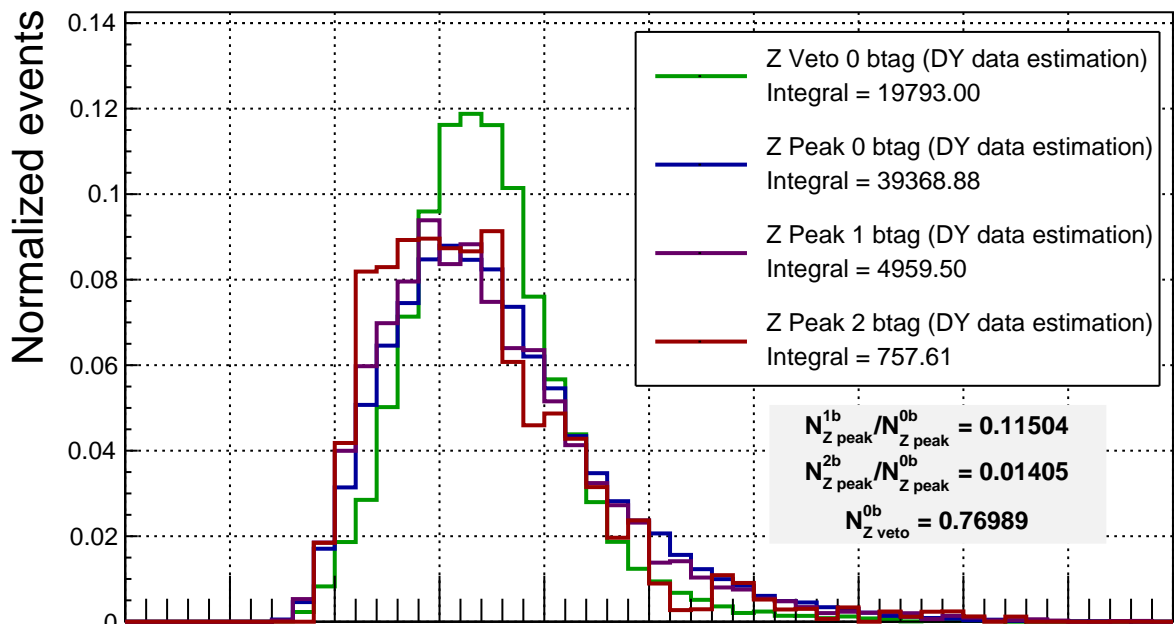

Top panel — Normalized events vs DNN output H

- Z Veto 0 btag (DY data estimation), Integral = 19793.00
- Z Peak 0 btag (DY data estimation), Integral = 39368.88
- Z Peak 1 btag (DY data estimation), Integral = 4959.50
- Z Peak 2 btag (DY data estimation), Integral = 757.61

$N^{1b}_{Z\,peak}/N^{0b}_{Z\,peak} = 0.11504$

$N^{2b}_{Z\,peak}/N^{0b}_{Z\,peak} = 0.01405$

$N^{0b}_{Z\,veto} = 0.76989$

Middle panel — Weight vs DNN output H

- Weight (1b)
- Weight (2b)

Bottom panel — DY shape vs DNN output H

- DY shape from data (1b), Integral = 1741.15
- Z Veto (1b) (DY MC), Integral = 2490.55
- DY shape from data (2b), Integral = 214.58
- Z Veto (2b) (DY MC), Integral = 421.83