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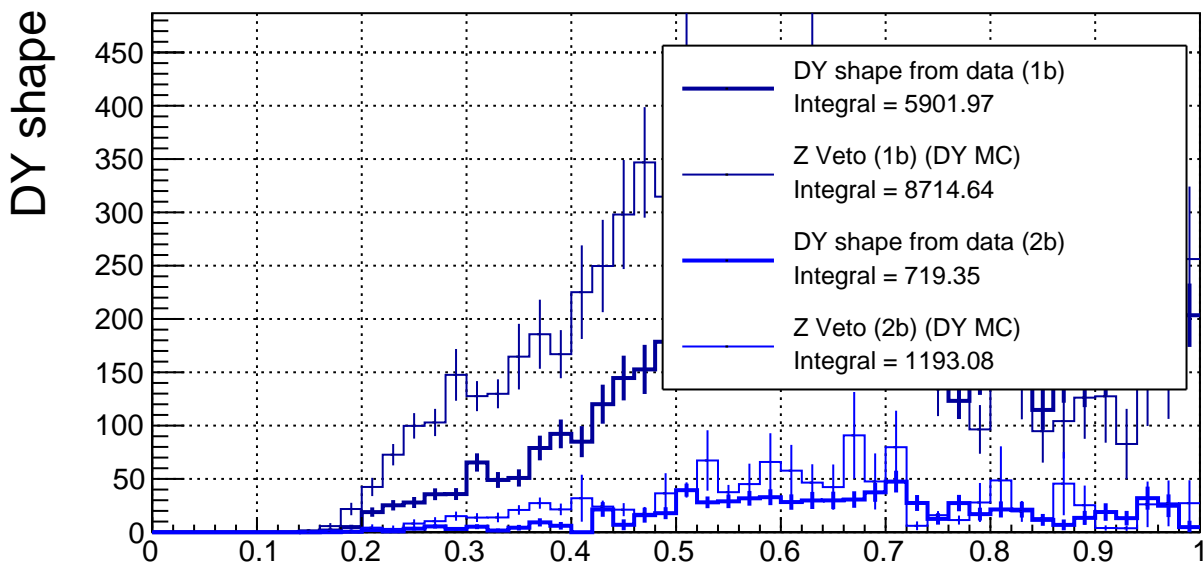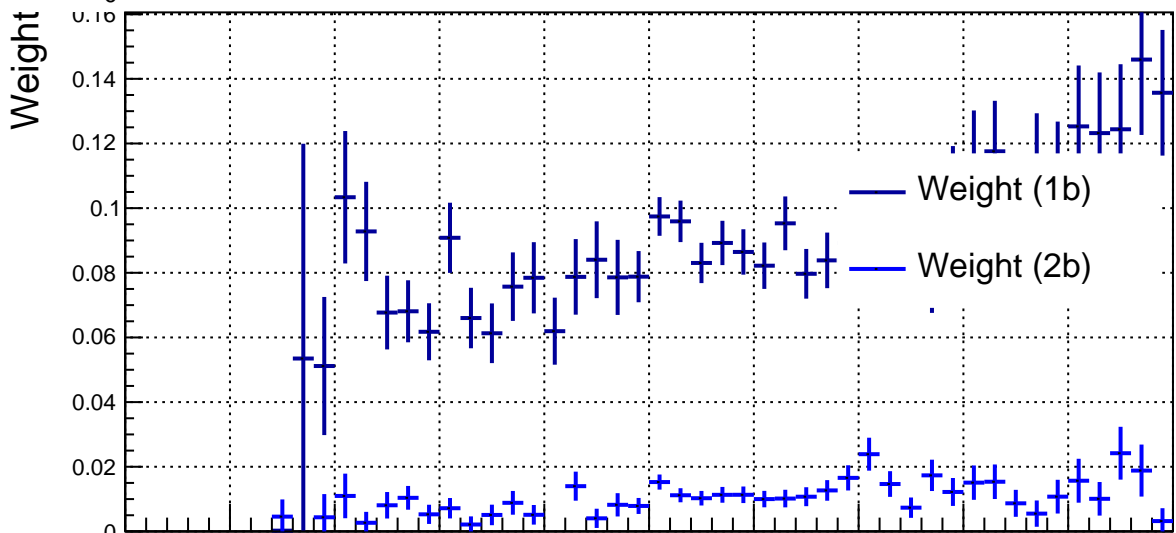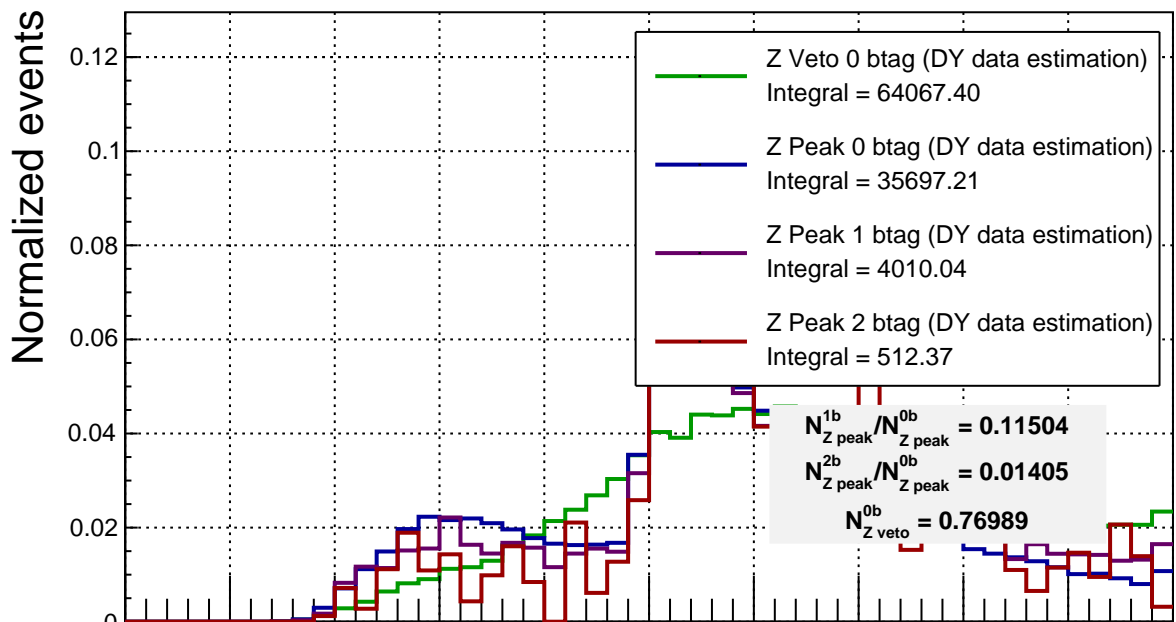

Normalized events (top panel)

- Z Veto 0 btag (DY data estimation), Integral = 64067.40
- Z Peak 0 btag (DY data estimation), Integral = 35697.21
- Z Peak 1 btag (DY data estimation), Integral = 4010.04
- Z Peak 2 btag (DY data estimation), Integral = 512.37

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

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

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

Weight (middle panel)

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

DY shape (bottom panel)

- DY shape from data (1b), Integral = 5901.97
- Z Veto (1b) (DY MC), Integral = 8714.64
- DY shape from data (2b), Integral = 719.35
- Z Veto (2b) (DY MC), Integral = 1193.08

DNN output HH