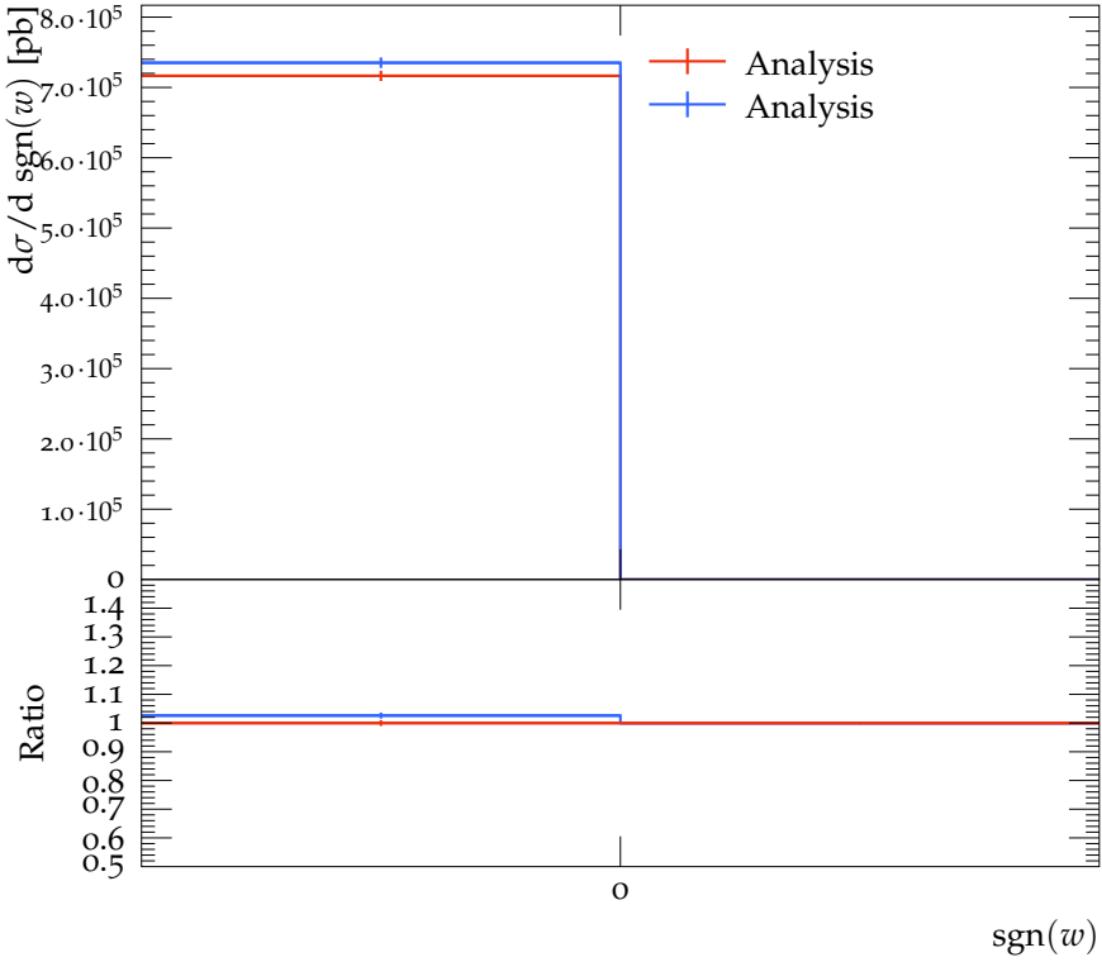


Fraction of events with positive and negative incoming lepton



$\text{sgn}(w)$