XGBoost output, SUSY I200 n180 MET75 uu dataset, uscaled validation data Background Signal  $10^{6}$  $10^{5}$  $10^{4}$ Events 10<sup>3</sup>  $10^{2}$  $10^1$ 10<sup>0</sup> 0.4 0.2 0.0 0.6 8.0 1.0

XGBoost output