XGBoost output, SUSY I125 n105 uu dataset, uscaled validation data 10<sup>5</sup> Background Signal  $10^{4}$ 10<sup>3</sup> Events 10<sup>2</sup>  $10^1$ 10°

XGBoost output

0.6

8.0

1.0

0.4

0.2

0.0