

ϵ_B $H \rightarrow WW \rightarrow 4q$ vs. QCD multijet

w/ selections for analysis

 10^{-1} 10^{-2} 10^{-3} 10^{-4}

0.0

0.1

0.2

0.3

0.4

0.5

0.6

0.7

0.8

0.9

1.0

 ϵ_S — DeepAK8-MD: $\max \frac{\epsilon_S}{\sqrt{\epsilon_B}} = 2.30$ — PNet-MD: $\max \frac{\epsilon_S}{\sqrt{\epsilon_B}} = 3.53$ 