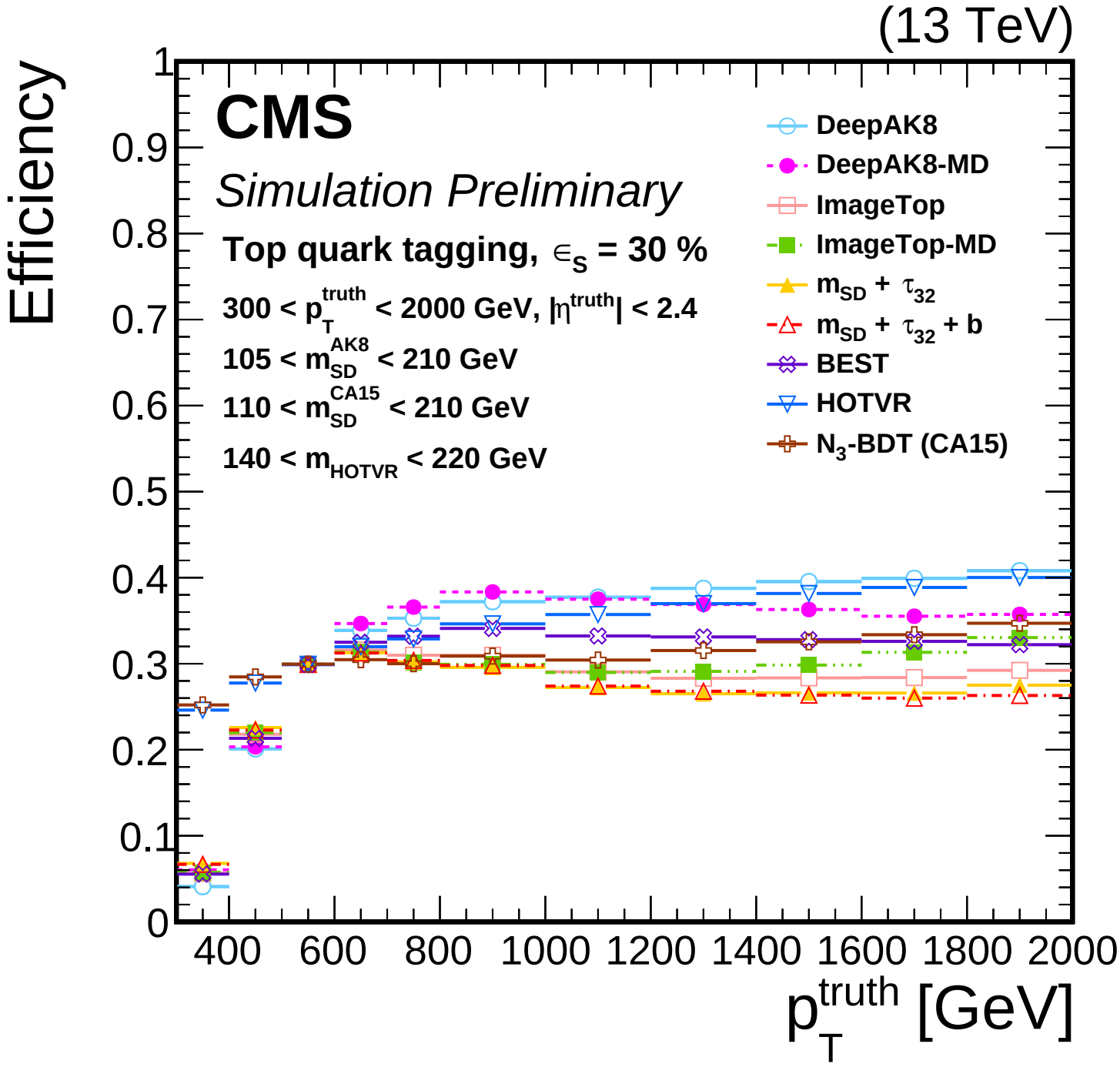
(13 TeV)
CMS
Simulation Preliminary
Top quark tagging, ϵ_S = 30 %
$300 < p_T^{truth} < 2000$ GeV, $|\eta^{truth}| < 2.4$
$105 < m_{SD}^{AK8} < 210$ GeV
$110 < m_{SD}^{CA15} < 210$ GeV
$140 < m_{HOTVR} < 220$ GeV
DeepAK8
DeepAK8-MD
ImageTop
ImageTop-MD
$m_{SD} + \tau_{32}$
$m_{SD} + \tau_{32} + b$
BEST
HOTVR
N_3-BDT (CA15)
Efficiency
p_T^{truth} [GeV]
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
400
600
800
1000
1200
1400
1600
1800
2000