

**CMS** *Preliminary*

59.8 fb<sup>-1</sup> (13 TeV)

Events / 0.1

2500

2000

1500

1000

500

0

**ParticleNet-MD bbVsQCD (HP)**

sfBDT method

450 < p<sub>T</sub> < 500 GeV, fail region

Post-fit

MC (b)

MC (c)

MC (l)

MC total unc.

Data

Data / MC

1.5

1.0

0.5

-0.5

0.0

0.5

1.0

1.5

2.0

2.5

3.0

log(M<sub>SV<sub>1</sub></sub><sup>corr</sup> / GeV)

