

+51.7 fb<sup>-1</sup> (13 TeV)

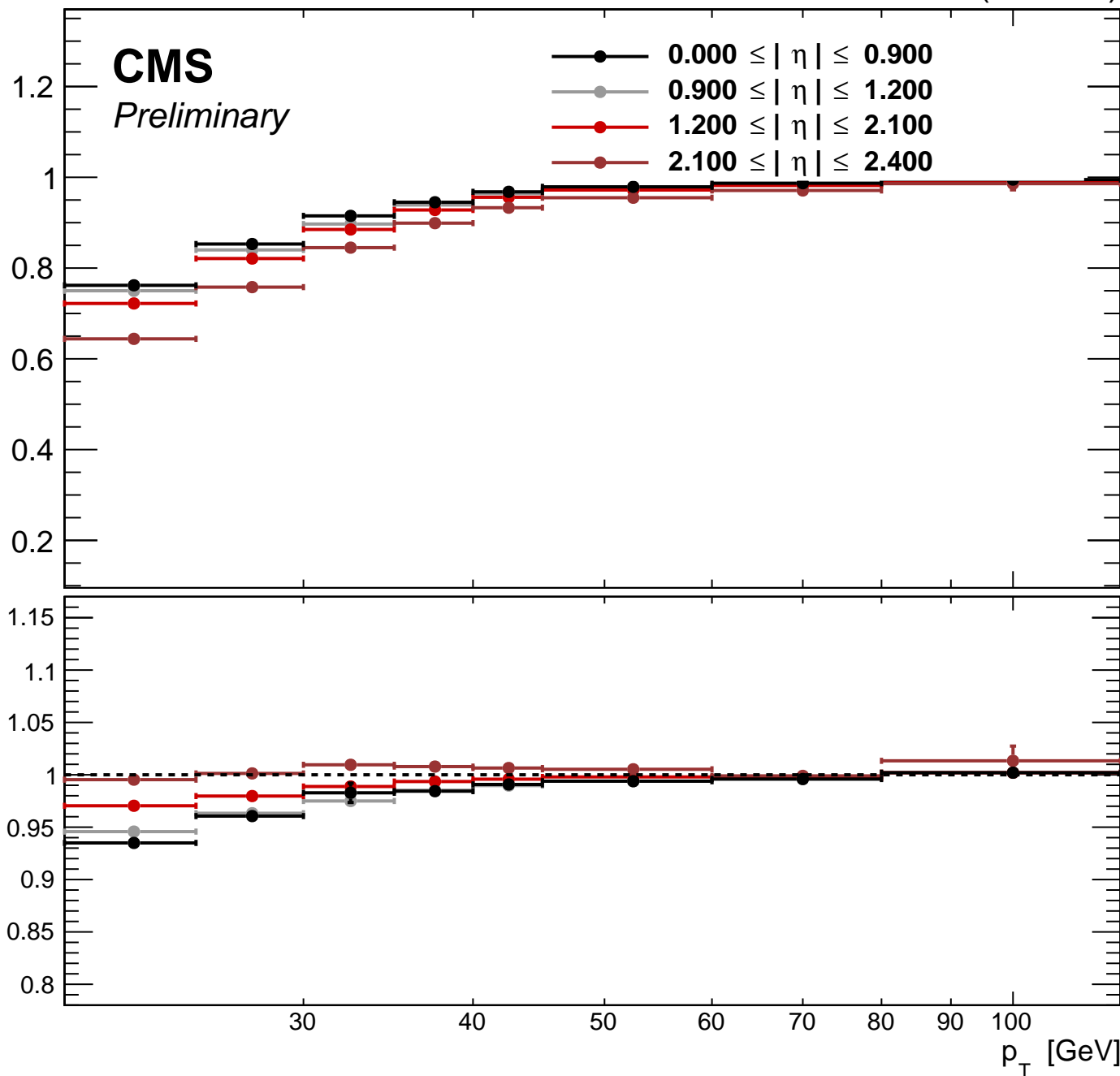
**CMS**

*Preliminary*

- $0.000 \leq |\eta| \leq 0.900$
- $0.900 \leq |\eta| \leq 1.200$
- $1.200 \leq |\eta| \leq 2.100$
- $2.100 \leq |\eta| \leq 2.400$

Data efficiency

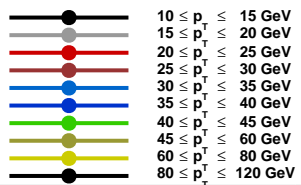
Data / MC



+51.7 fb<sup>-1</sup> (13 TeV)

Data efficiency

**CMS**  
*Preliminary*



1.2

1.0

0.8

0.6

0.4

0.2

Data / MC

1.15

1.1

1.05

1.0

0.95

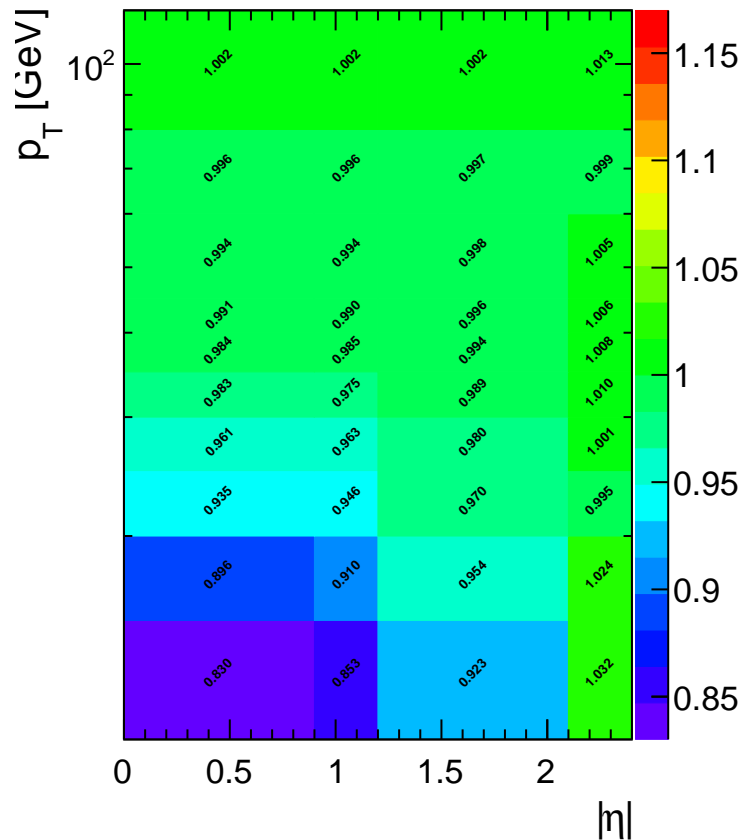
0.9

0.85

0.8

$|\eta|$

Scale Factors



uncertainties

