

$34.1 \text{ fb}^{-1} (2022) + 27.7 \text{ fb}^{-1} (2023)$  (13.6 TeV)

**CMS**

2022 data

2023 data

$W \rightarrow l\nu$

L1T+HLT efficiency

1.2

1

0.8

0.6

0.4

0.2

0

40

100

200

1000

PF  $p_T^{\text{miss}, \mu}$  [GeV]

