

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

Events

**CMS** *work in progress*

$\mu\mu\mu$

$M = 10$  GeV  
 $|V|^2 = 1.0 \cdot 10^{-6}$

$M = 5$  GeV  
 $|V|^2 = 2.1 \cdot 10^{-6}$

$M = 2$  GeV  
 $|V|^2 = 1.2 \cdot 10^{-4}$

nonprompt

prompt

Residuals

10<sup>-3</sup>

10<sup>-2</sup>

10<sup>-1</sup>

1

10

10<sup>2</sup>

2D displacement (cm)

10<sup>5</sup>

10<sup>4</sup>

10<sup>3</sup>

10<sup>2</sup>

10

1

10<sup>-1</sup>

10<sup>-2</sup>

1.5

1.0

0.5

