

Pointing Resolution [mm]

ATLAS Preliminary

$\sqrt{s} = 13 \text{ TeV}, 139 \text{ fb}^{-1}$

$\tilde{\chi}_1^0(135 \text{ GeV}, 2 \text{ ns}) \rightarrow H\tilde{G}$

$\tilde{\chi}_1^0(135 \text{ GeV}, 2 \text{ ns}) \rightarrow Z\tilde{G}$

$\tilde{\chi}_1^0(135 \text{ GeV}, 10 \text{ ns}) \rightarrow H\tilde{G}$

$\tilde{\chi}_1^0(135 \text{ GeV}, 10 \text{ ns}) \rightarrow Z\tilde{G}$

$\tilde{\chi}_1^0(325 \text{ GeV}, 2 \text{ ns}) \rightarrow H\tilde{G}$

$\tilde{\chi}_1^0(625 \text{ GeV}, 2 \text{ ns}) \rightarrow Z\tilde{G}$

$Z \rightarrow ee$ MC

$Z \rightarrow ee$ data

$|z_{\text{origin}}| \text{ [mm]}$

0

50

100

150

200

250

0

100

200

300

400

500

600

700