

Significance/Max

**ATLAS** Internal

$G \rightarrow gg$ ,  $\sqrt{s} = 13$  TeV

Significance vs  $|y^*|$  cut

campaign = mc16a+d+e  $pp \rightarrow gg$

- $G \rightarrow gg$  1.5TeV
- $G \rightarrow gg$  2.0TeV
- $G \rightarrow gg$  2.5TeV
- $G \rightarrow gg$  3.0TeV
- $G \rightarrow gg$  3.5TeV
- $G \rightarrow gg$  4.0TeV
- $G \rightarrow gg$  4.5TeV
- $G \rightarrow gg$  5.0TeV
- $G \rightarrow gg$  6.0TeV
- $G \rightarrow gg$  7.0TeV

