

+5.9 fb<sup>-1</sup> (13 TeV)

Data efficiency

**CMS**

*Preliminary*



1.15

1.1

1.05

1.0

0.95

0.9

Data / MC

1.1

1.05

1.0

0.95

0.9

p<sub>T</sub> [GeV]

20

30

40

50

60

70

80

90

100

200

300

400

500

+5.9 fb<sup>-1</sup> (13 TeV)

Data efficiency

**CMS**

*Preliminary*

—●— **75 ≤ p<sub>T</sub> ≤ 100 GeV**

—●— **100 ≤ p<sub>T</sub> ≤ 500 GeV**

1.15

1.1

1.05

1

0.95

0.9

0.85

0.8

Data / MC

1.1

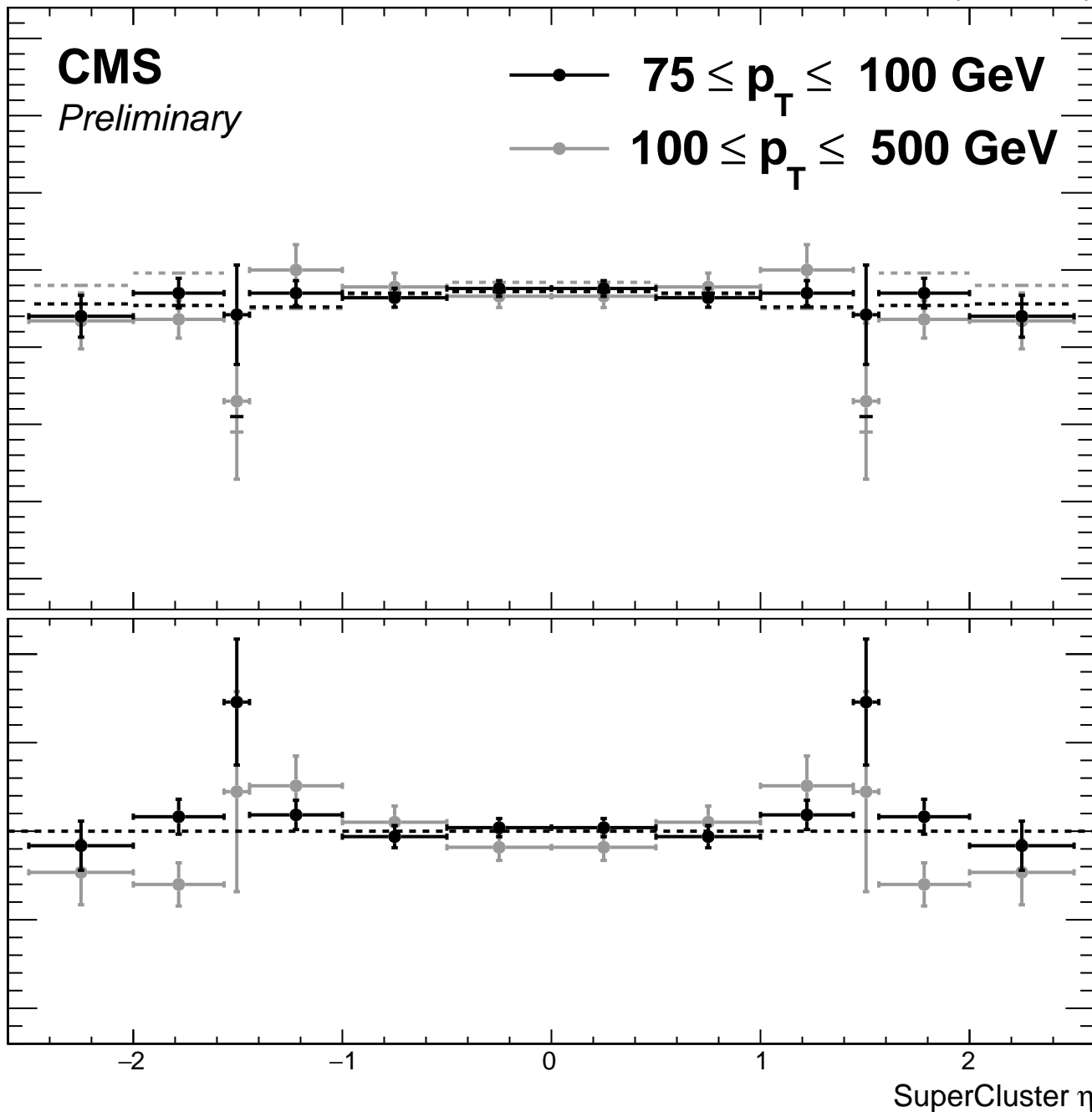
1.05

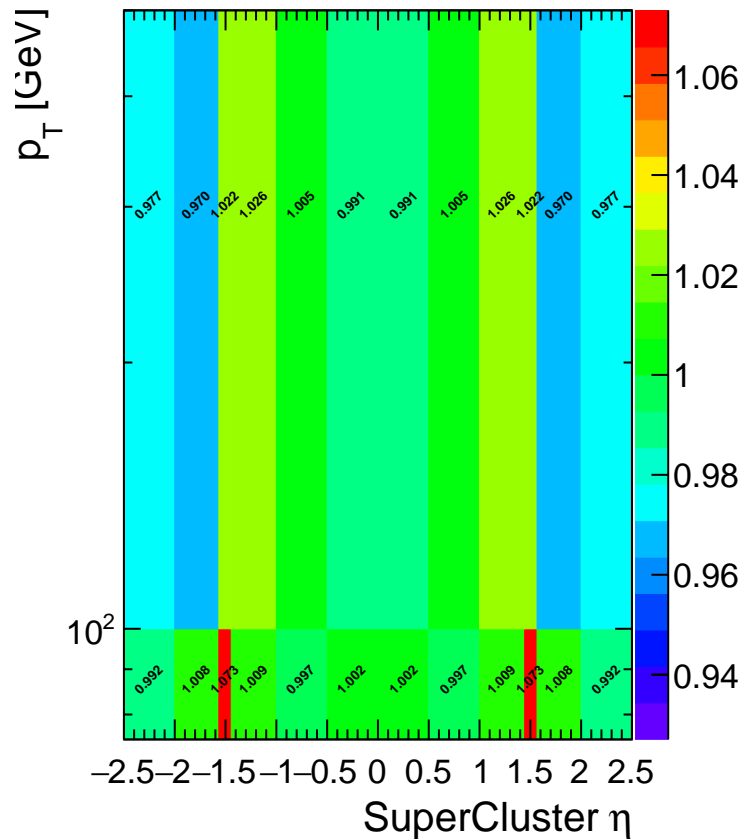
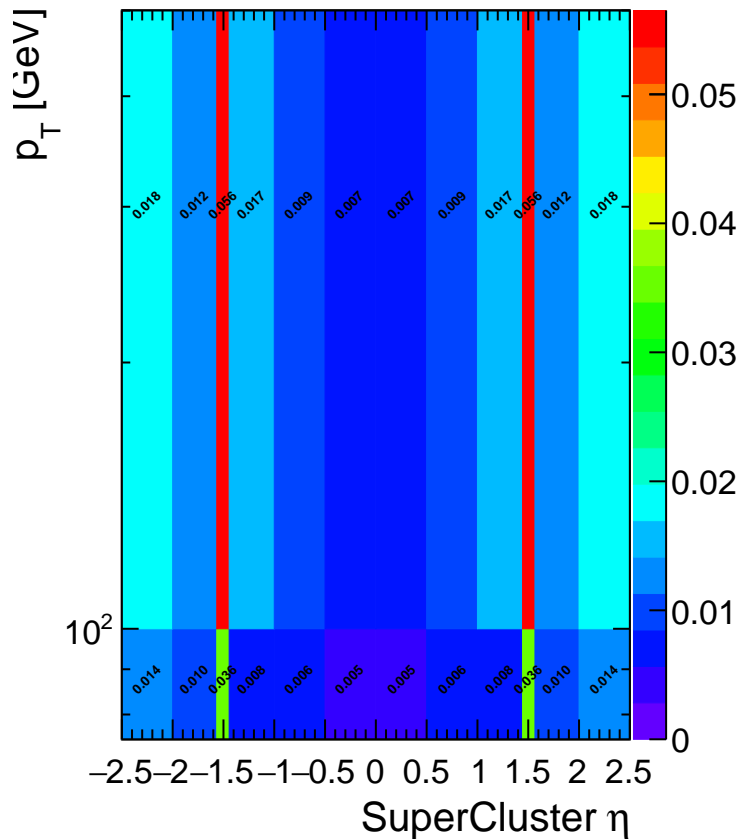
1

0.95

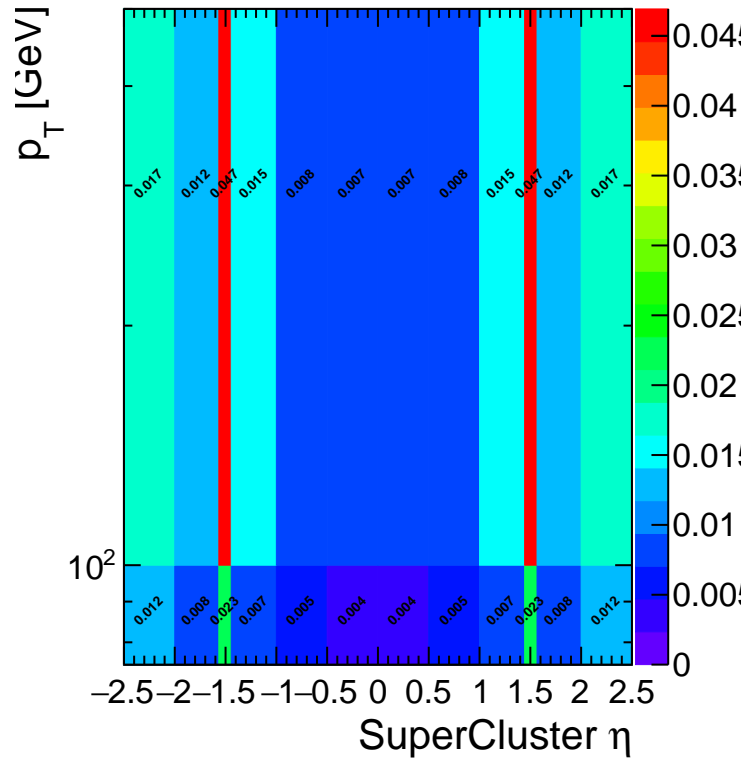
0.9

SuperCluster  $\eta$

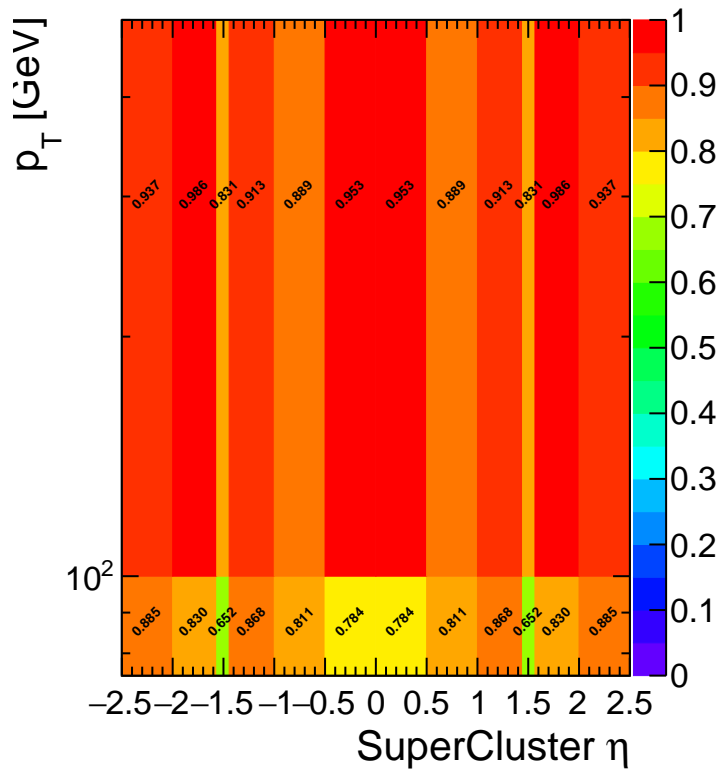


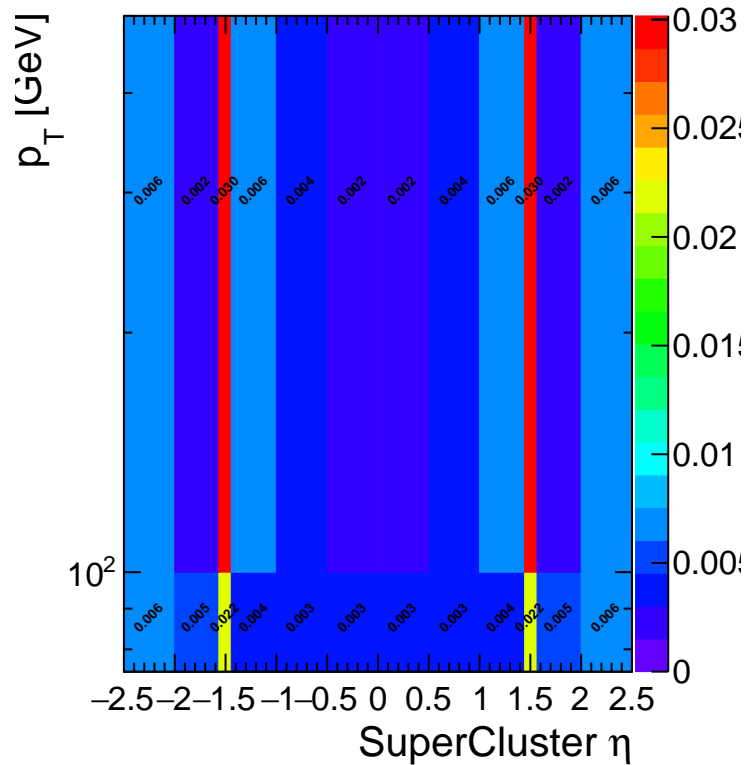
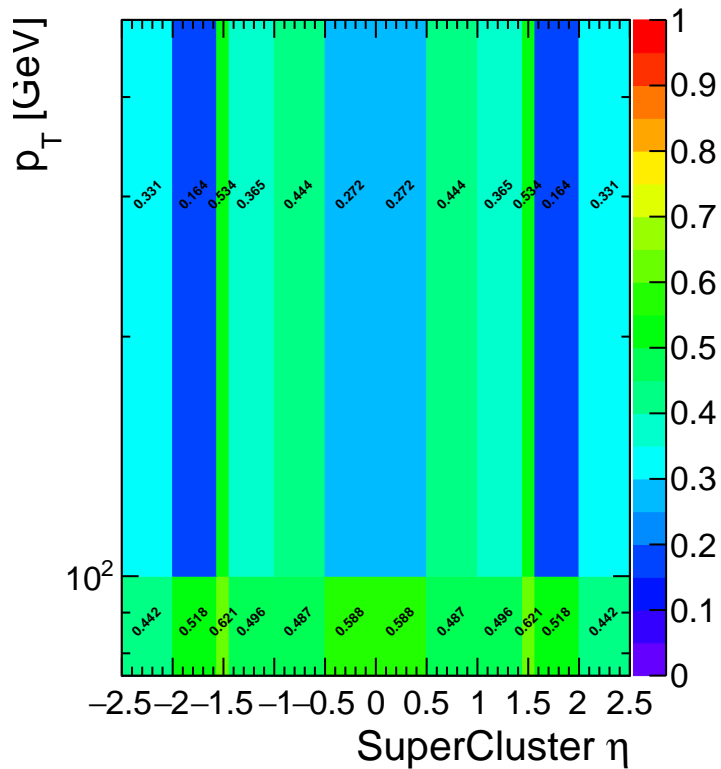
**$e/\gamma$  scale factors** **$e/\gamma$  uncertainties**

$e/\gamma$  absolute SF syst: statData

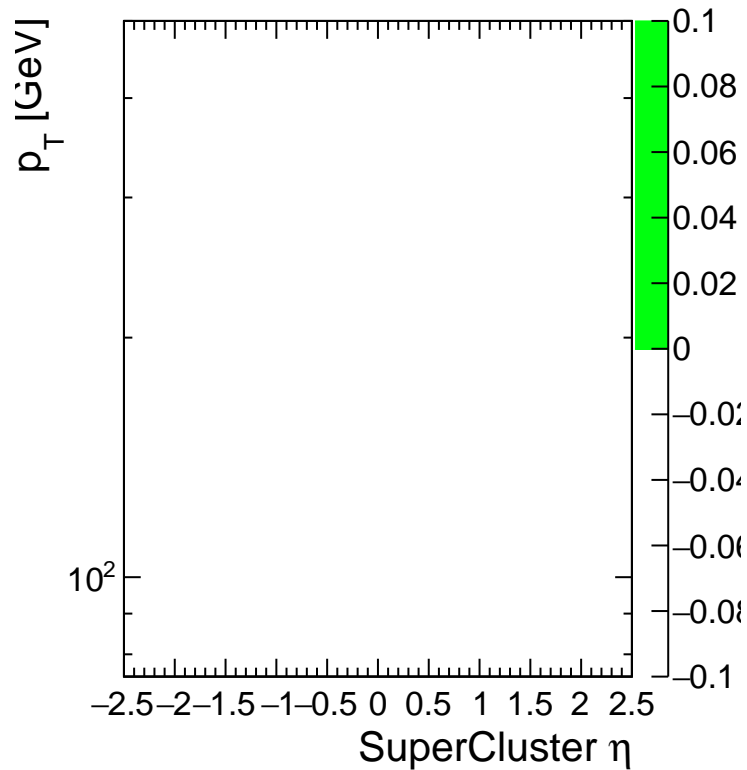


$e/\gamma$  relative SF syst: statData

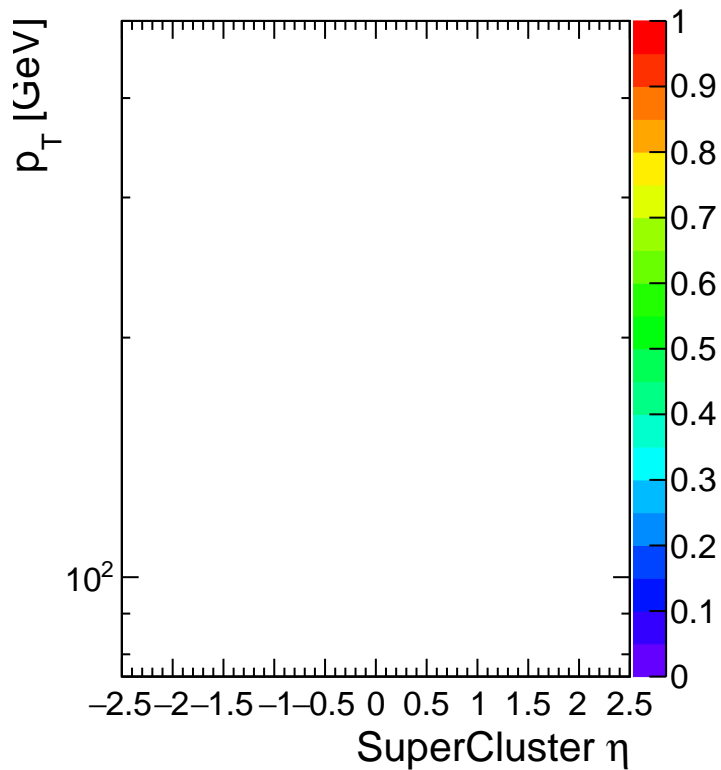


**$e/\gamma$  absolute SF syst: statMC** **$e/\gamma$  relative SF syst: statMC**

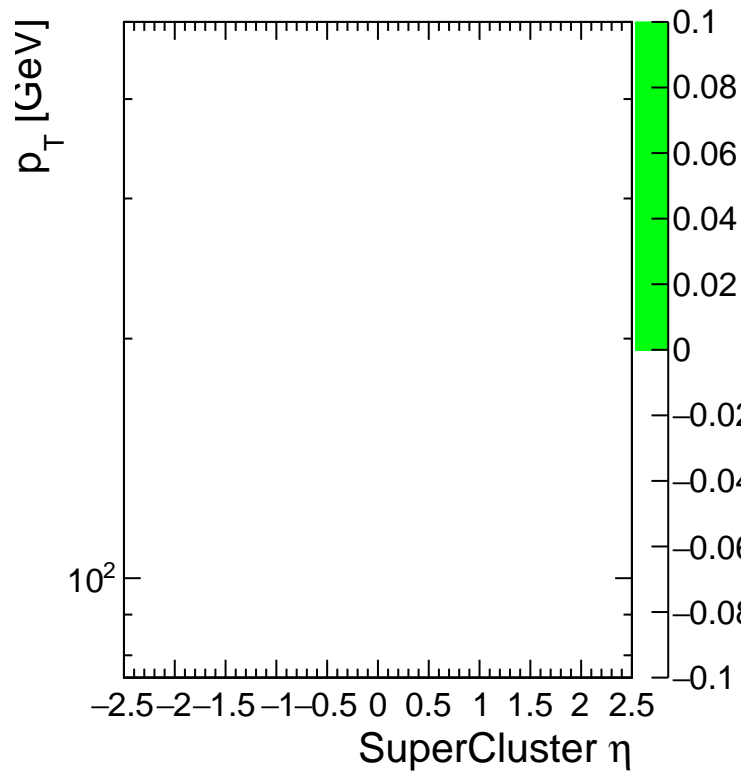
**$e/\gamma$  absolute SF syst: altBkgModel**



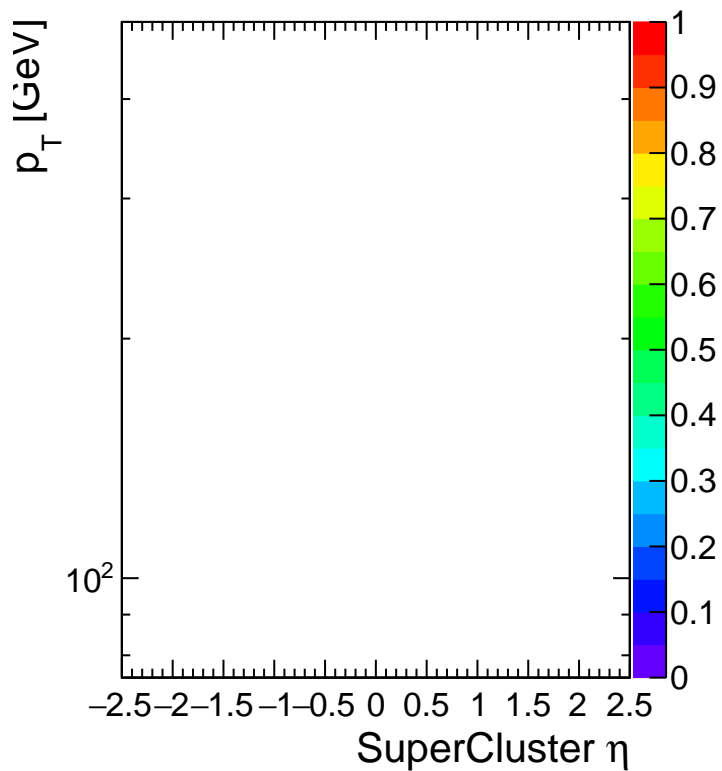
**$e/\gamma$  relative SF syst: altBkgModel**



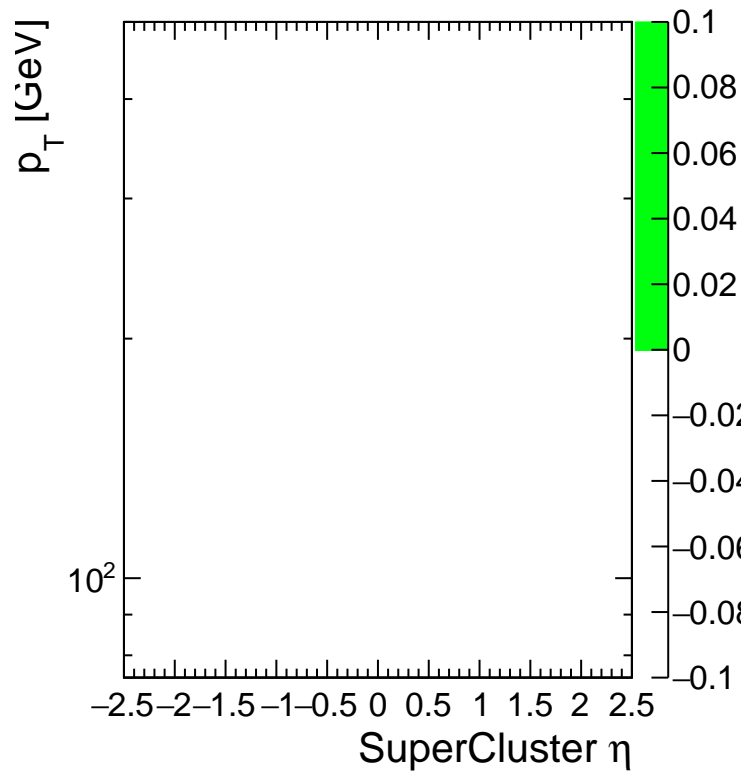
$e/\gamma$  absolute SF syst: altSignalModel



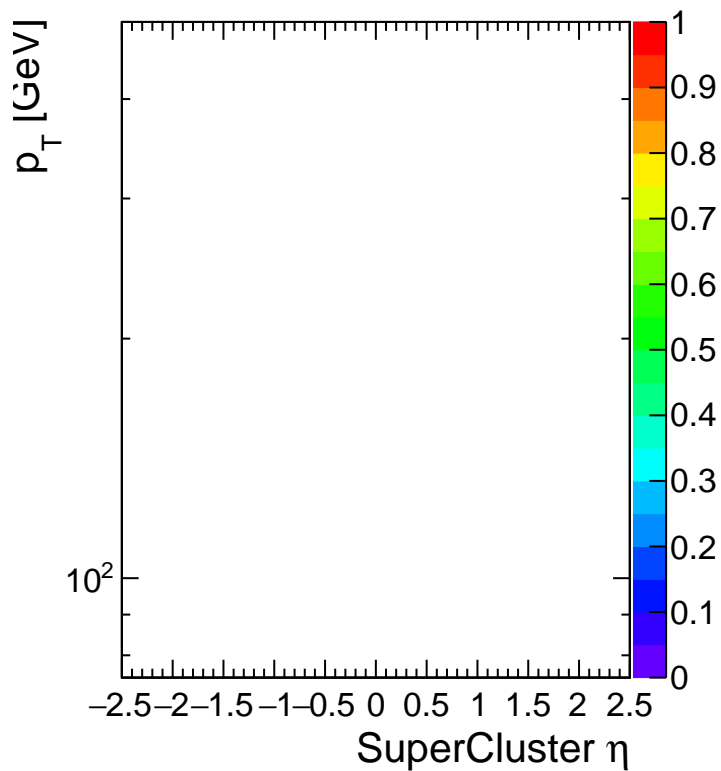
$e/\gamma$  relative SF syst: altSignalModel



**$e/\gamma$  absolute SF syst: altMCEff**

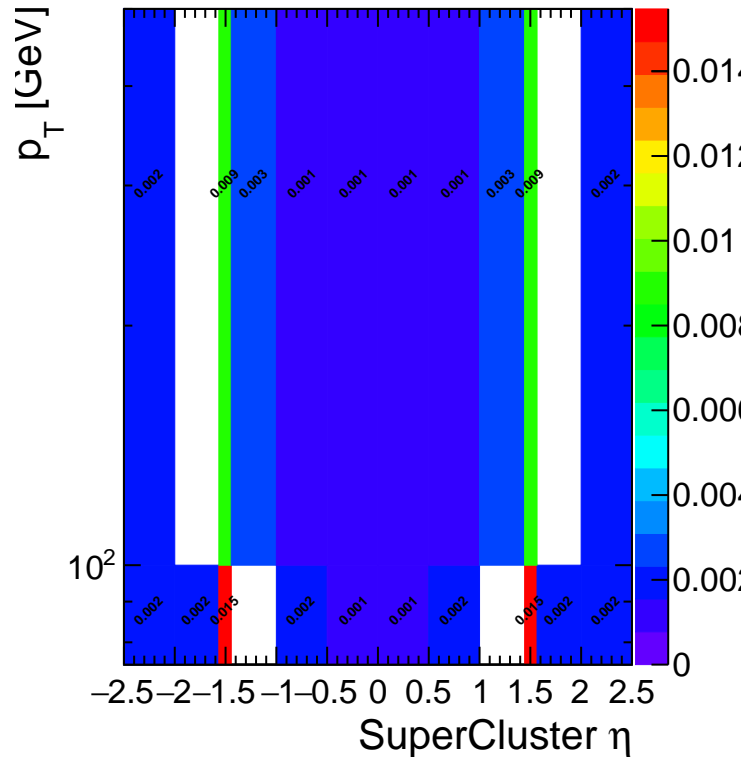


**$e/\gamma$  relative SF syst: altMCEff**





$e/\gamma$  absolute SF syst: altTagSelection



$e/\gamma$  relative SF syst: altTagSelection

