

+42.6 fb<sup>-1</sup> (13 TeV)

**CMS**

*Preliminary*

- $0.000 \leq |\eta| \leq 0.800$
- $0.800 \leq |\eta| \leq 1.444$
- $1.444 \leq |\eta| \leq 1.566$
- $1.566 \leq |\eta| \leq 2.000$
- $2.000 \leq |\eta| \leq 2.500$

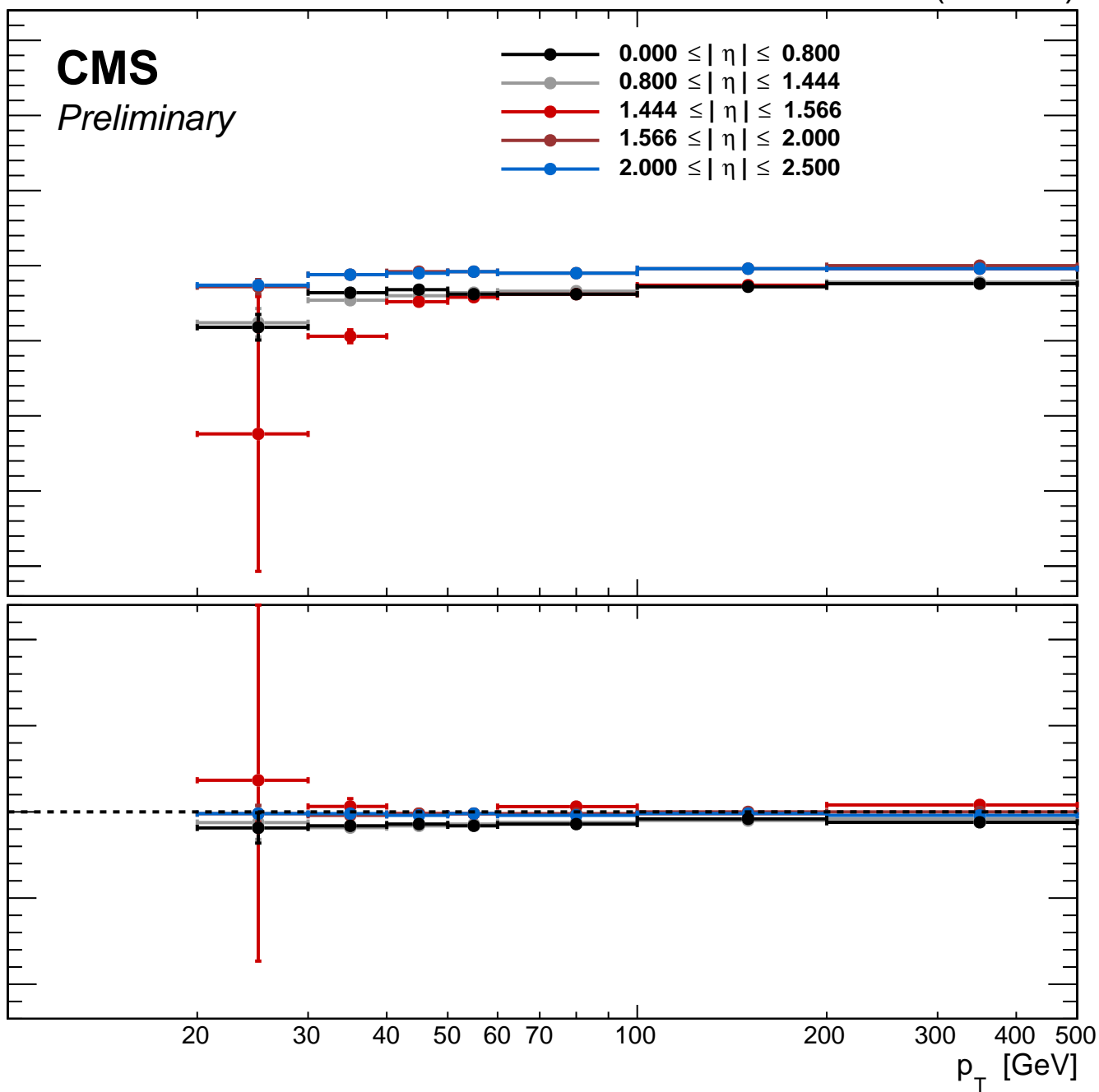
Data efficiency

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

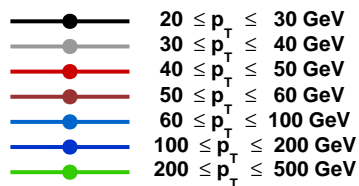
20 30 40 50 60 70 100 200 300 400 500  
 $p_T$  [GeV]



+42.6 fb<sup>-1</sup> (13 TeV)

Data efficiency

**CMS**  
*Preliminary*

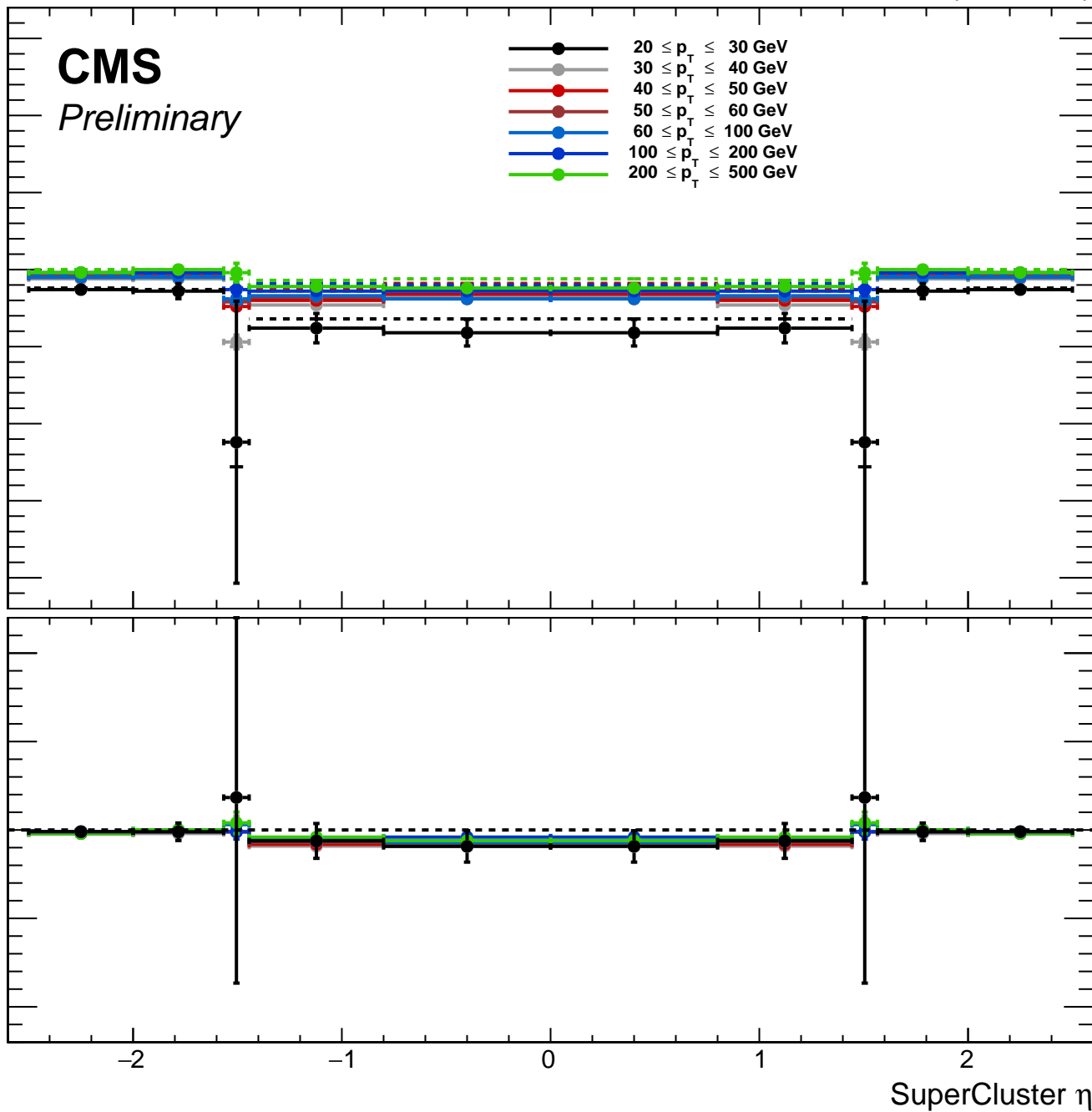


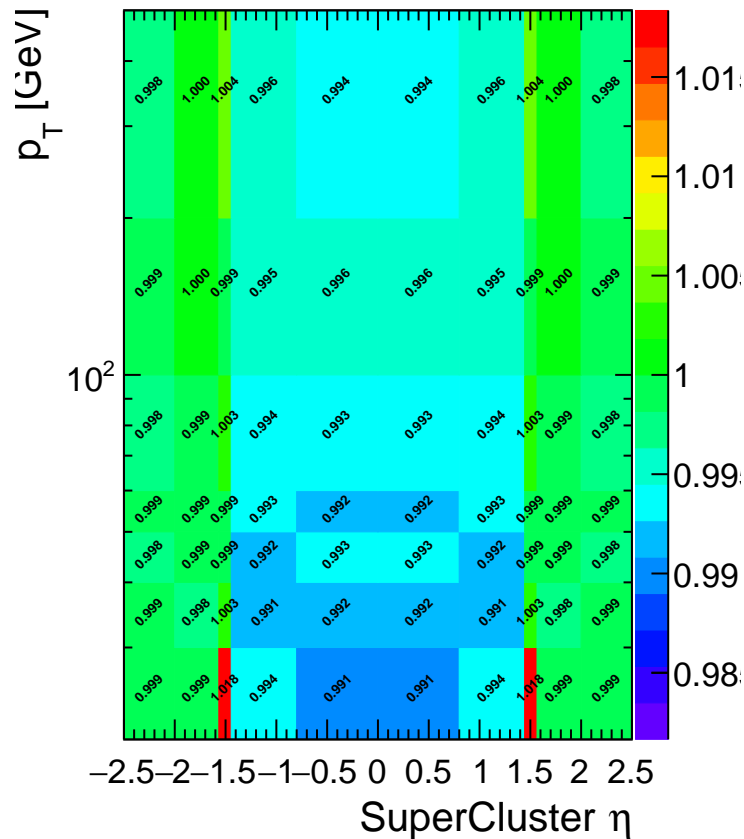
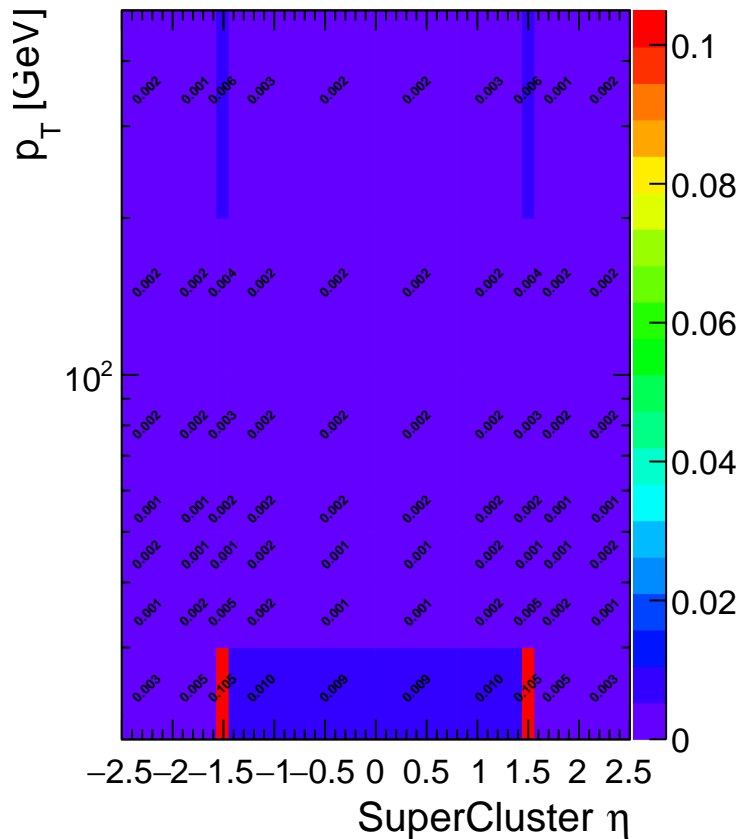
1.15  
1.1  
1.05  
1  
0.95  
0.9  
0.85  
0.8

Data / MC

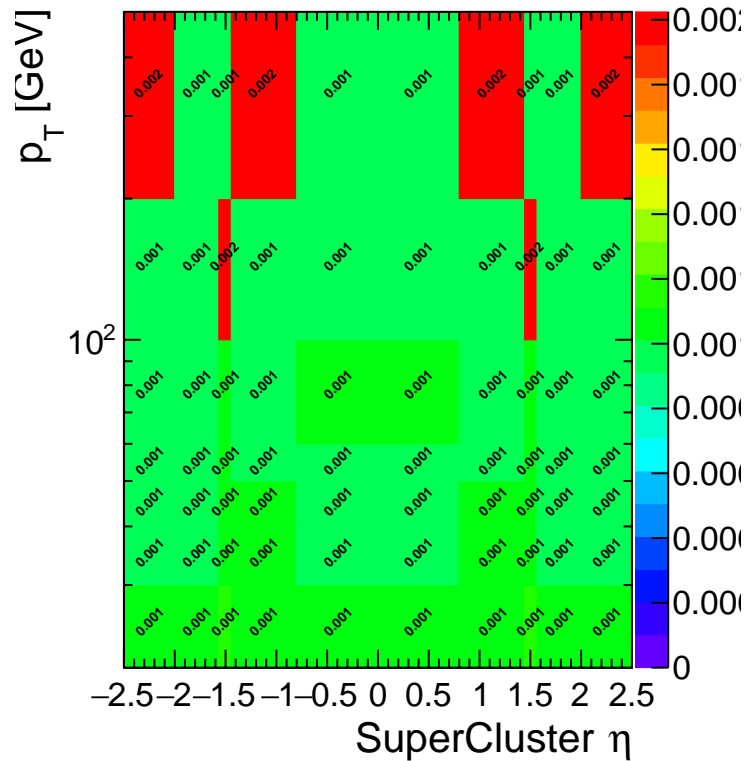
1.1  
1.05  
1  
0.95  
0.9

SuperCluster  $\eta$

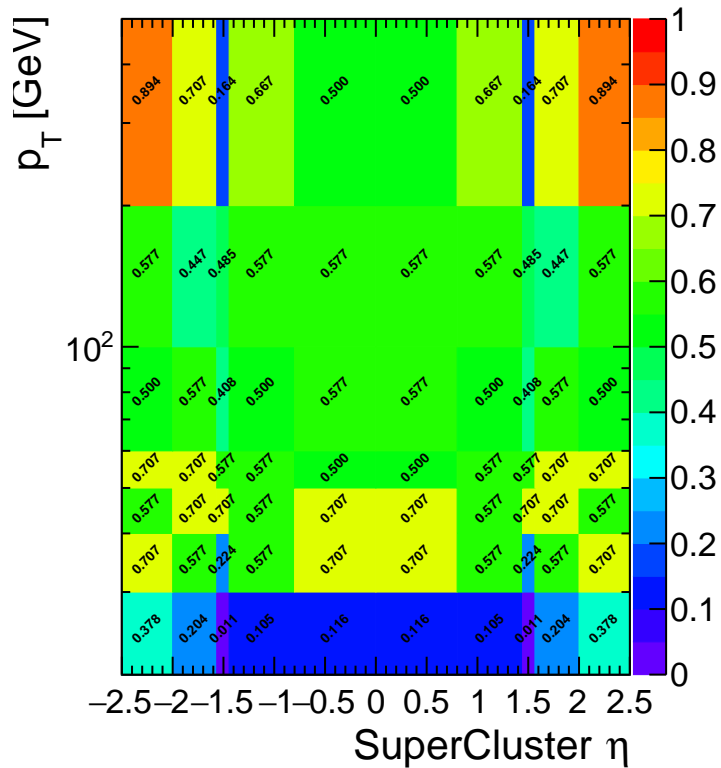


**$e/\gamma$  scale factors** **$e/\gamma$  uncertainties**

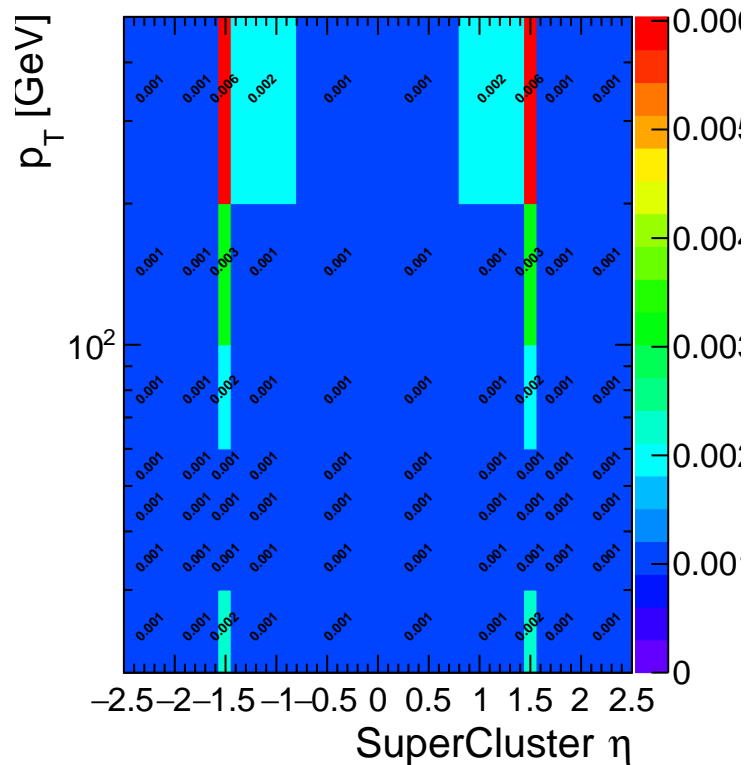
$e/\gamma$  absolute SF syst: statData



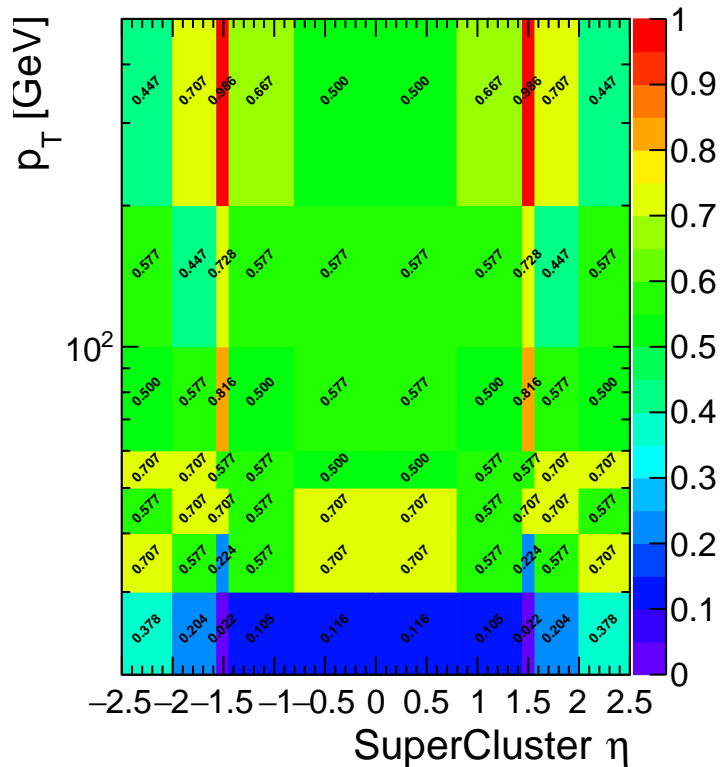
$e/\gamma$  relative SF syst: statData



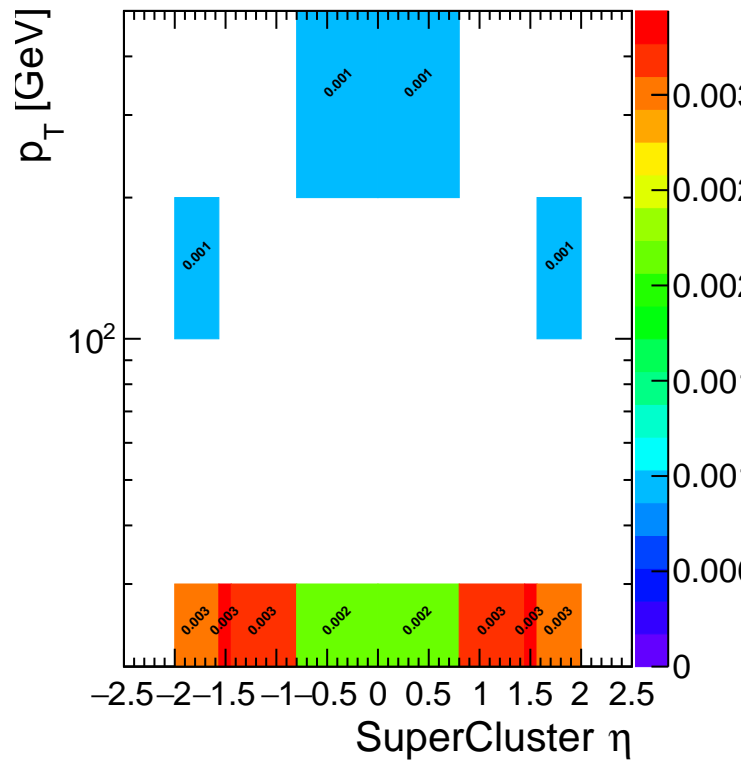
**$e/\gamma$  absolute SF syst: statMC**



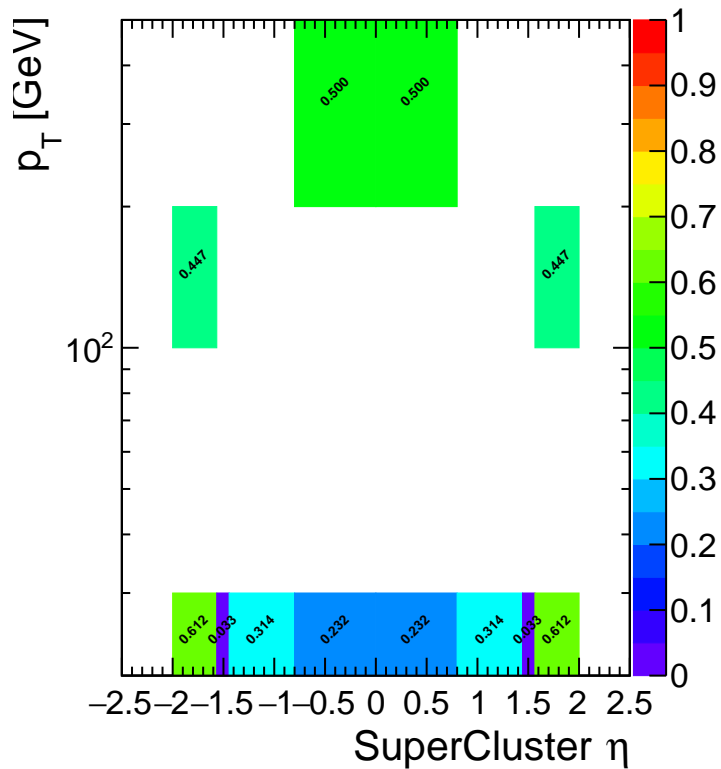
**$e/\gamma$  relative SF syst: statMC**



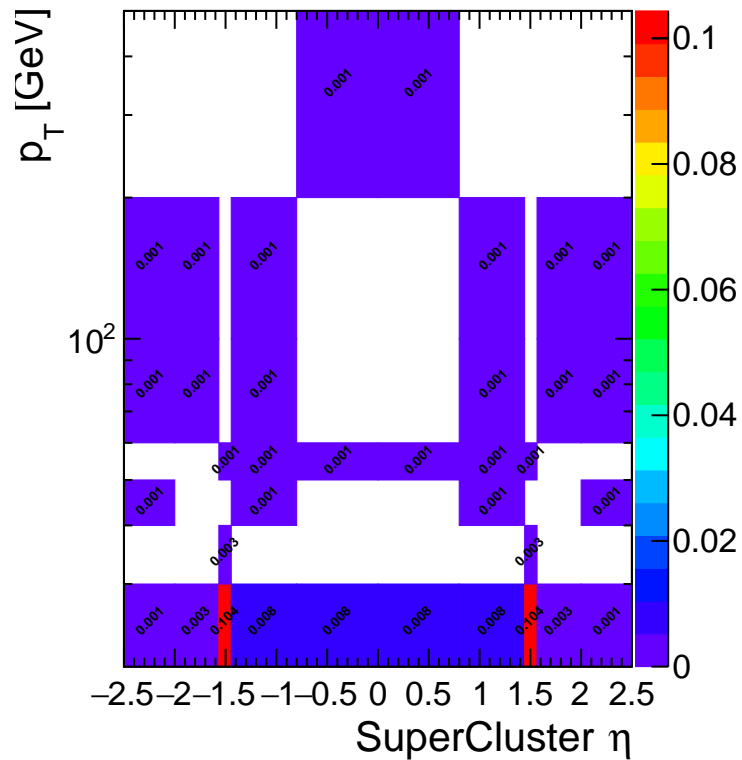
$e/\gamma$  absolute SF syst: altBkgModel



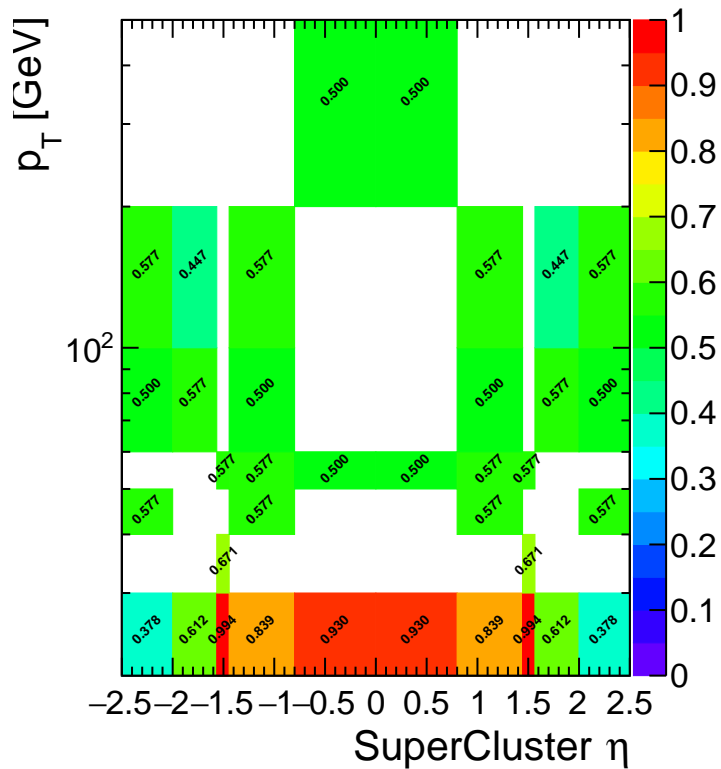
$e/\gamma$  relative SF syst: altBkgModel



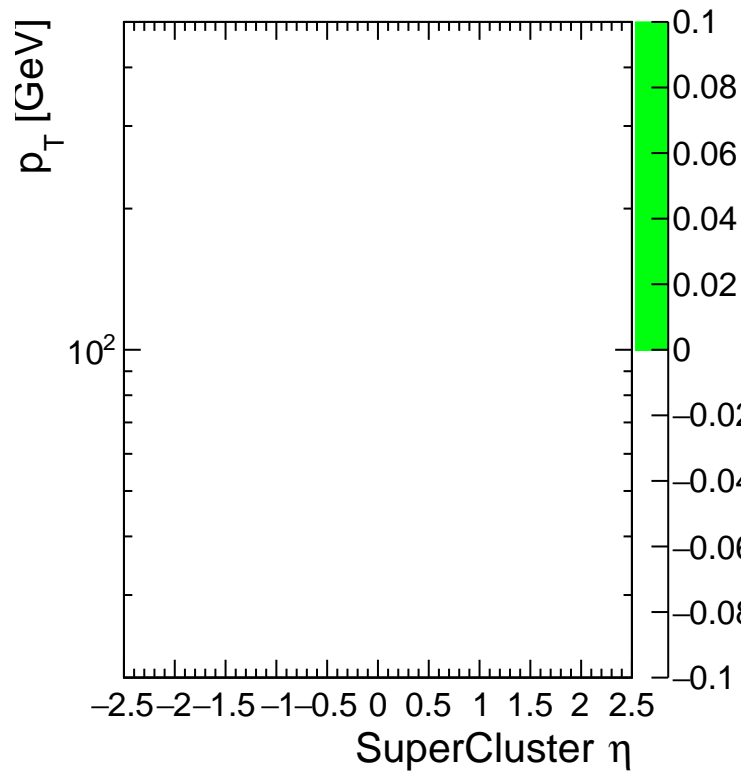
$e/\gamma$  absolute SF syst: altSignalModel



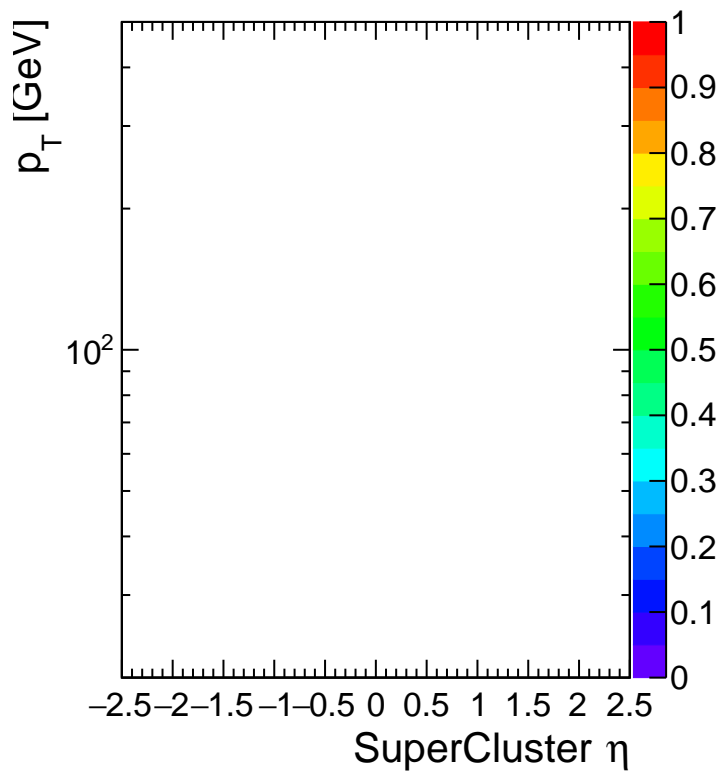
$e/\gamma$  relative SF syst: altSignalModel



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

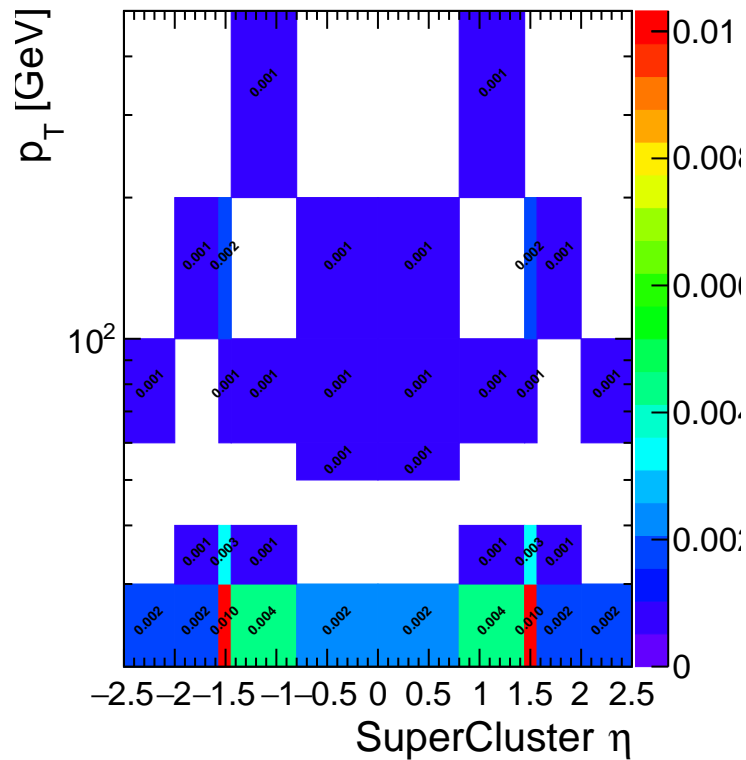


**$e/\gamma$  relative SF syst: altMCEff**





$e/\gamma$  absolute SF syst: altTagSelection



$e/\gamma$  relative SF syst: altTagSelection

