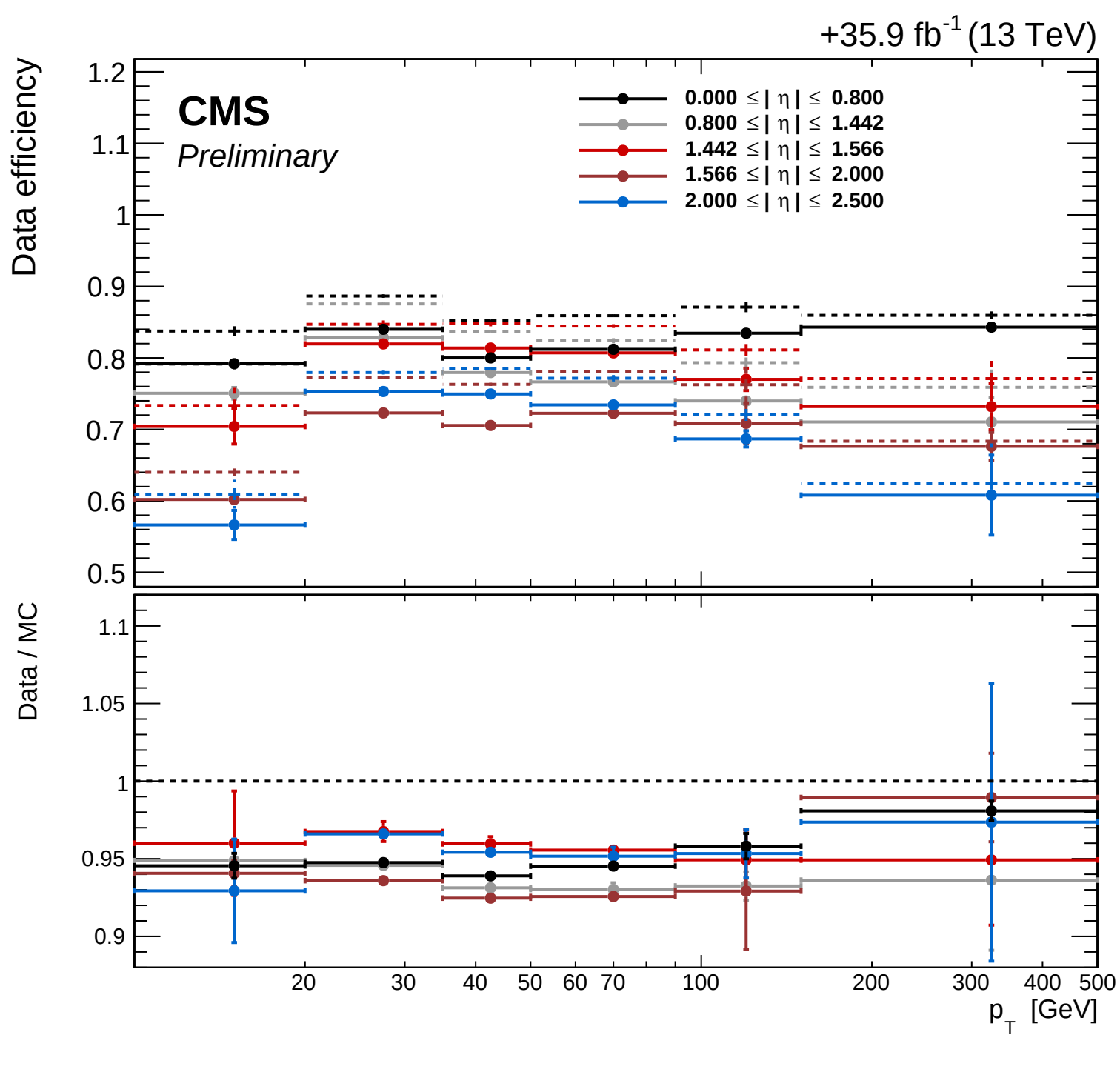
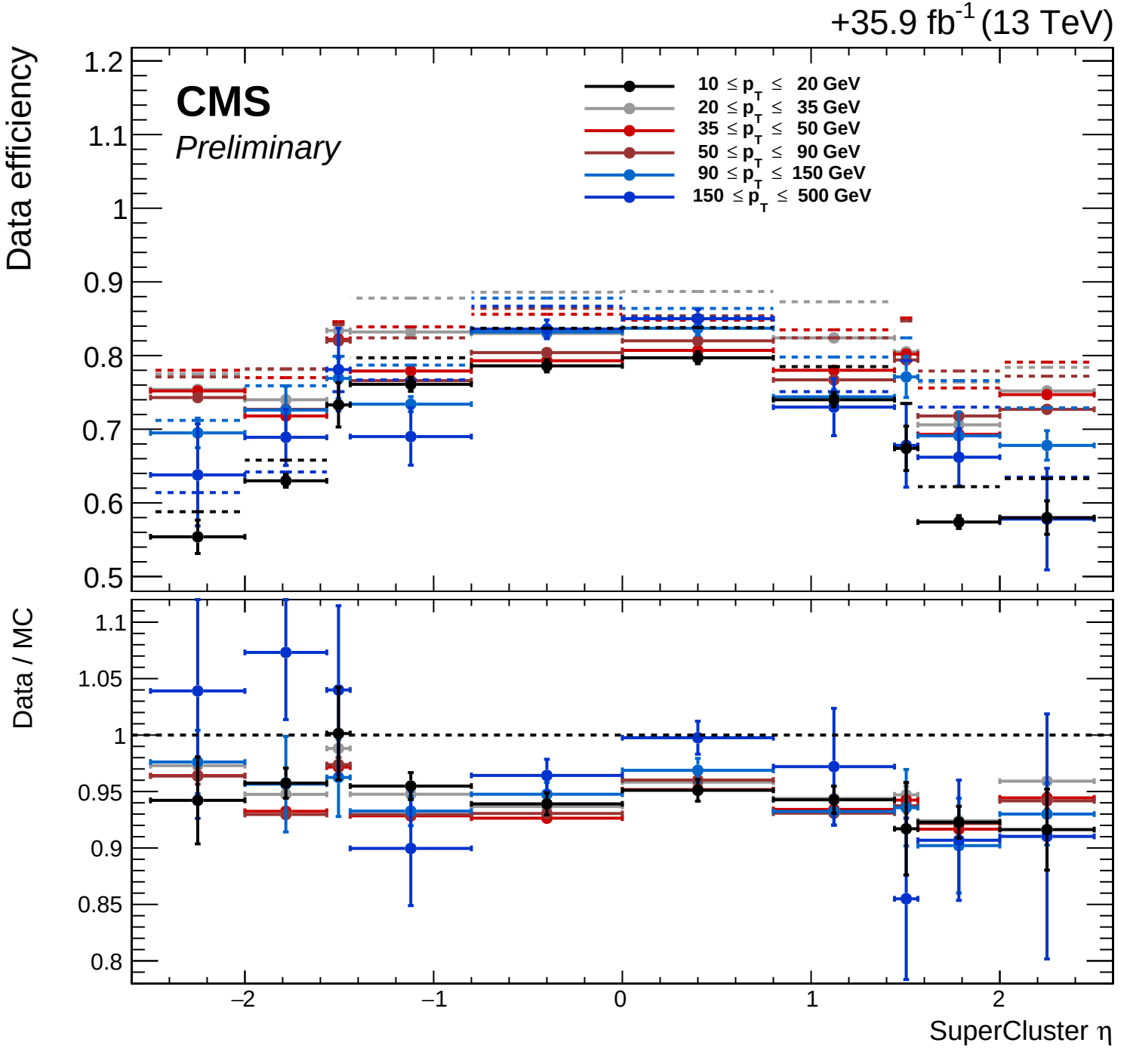
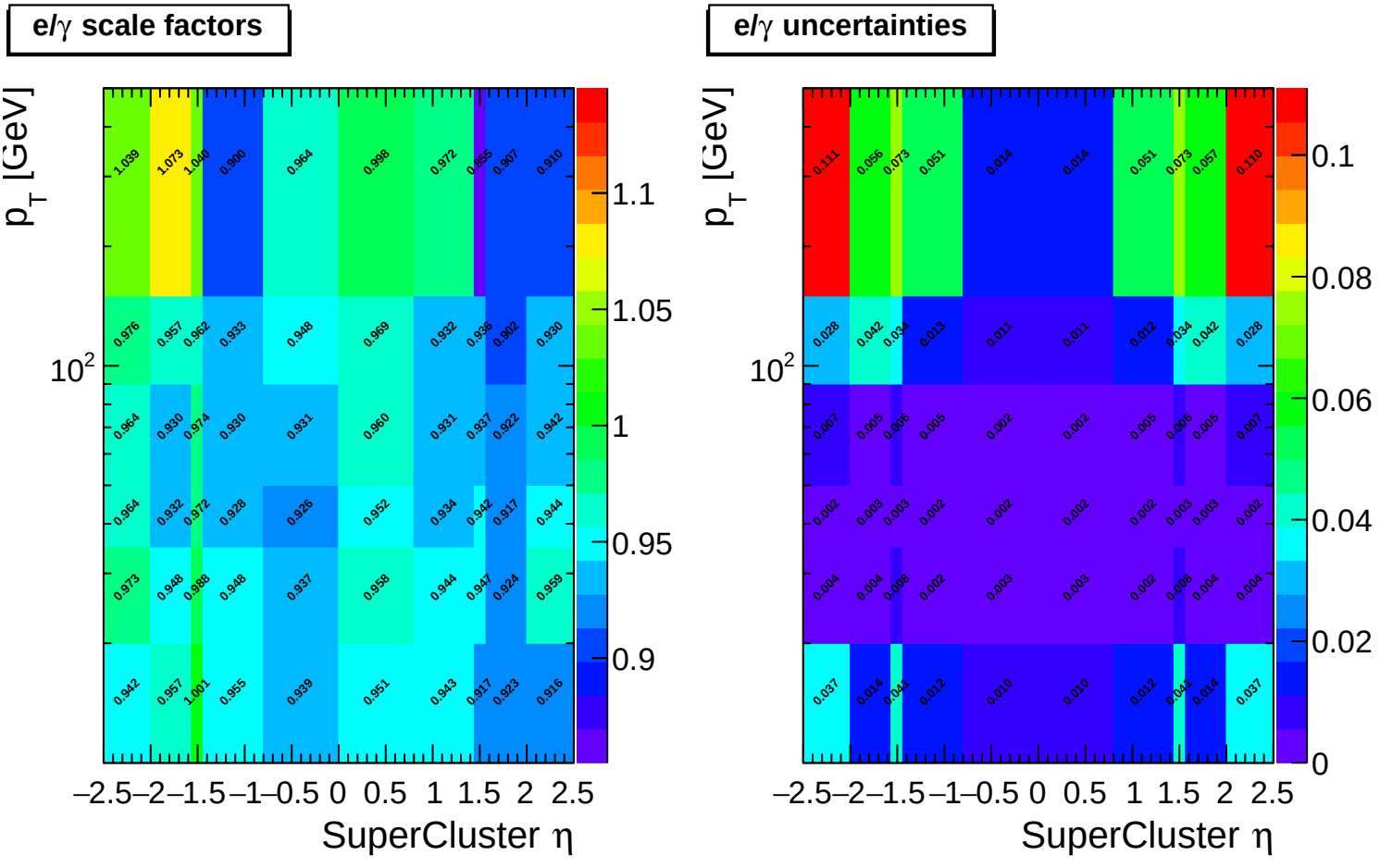
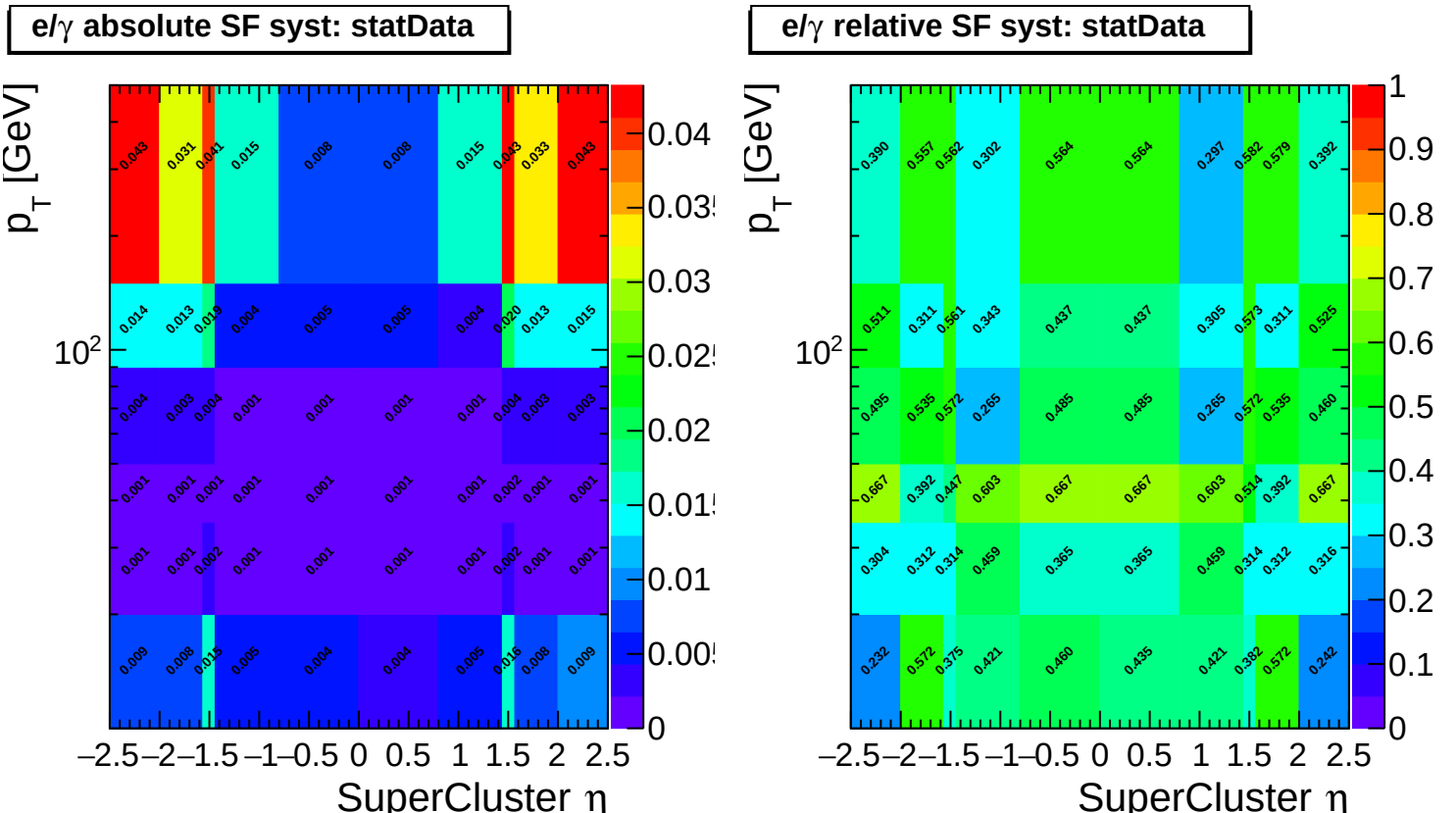
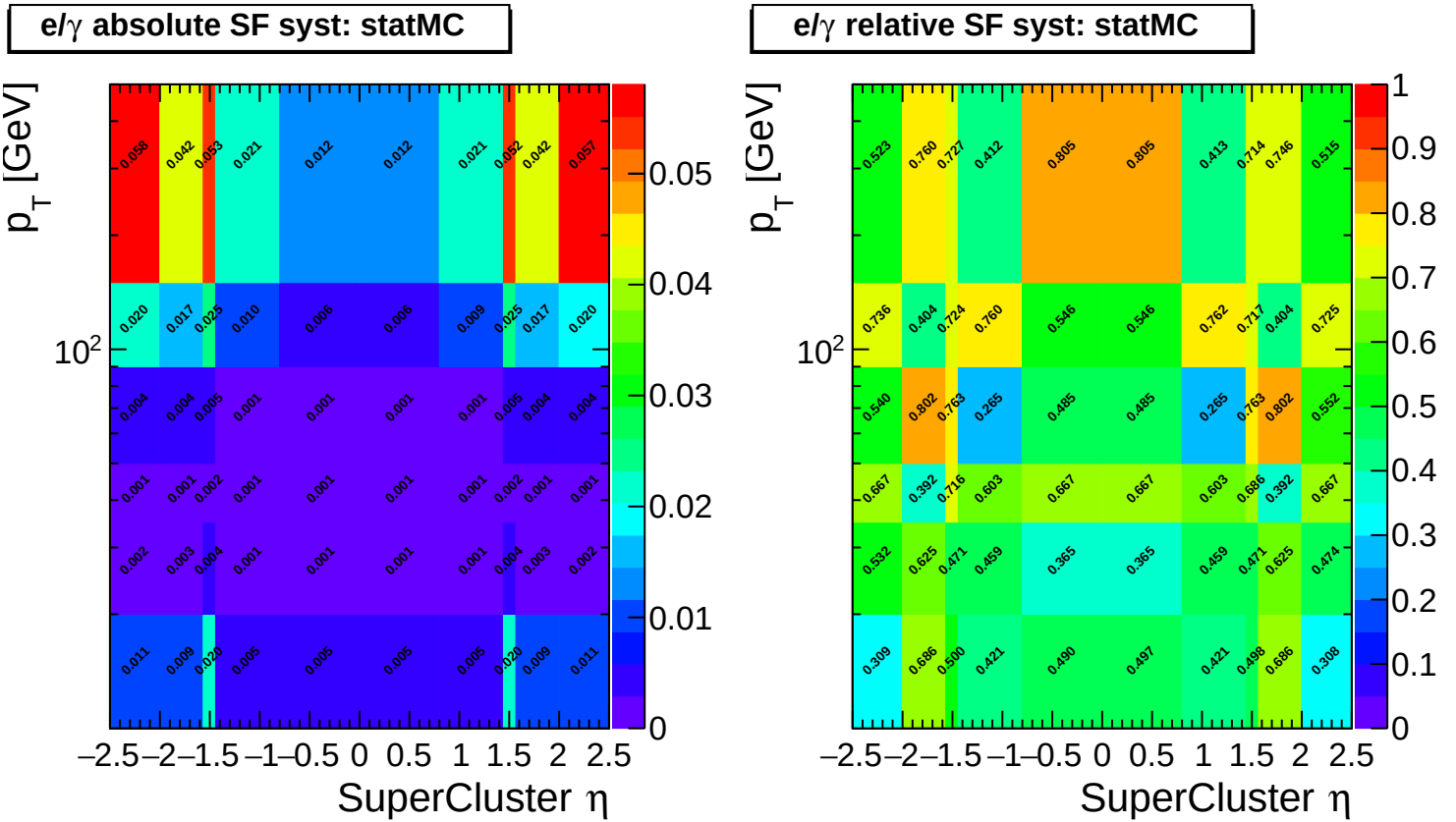
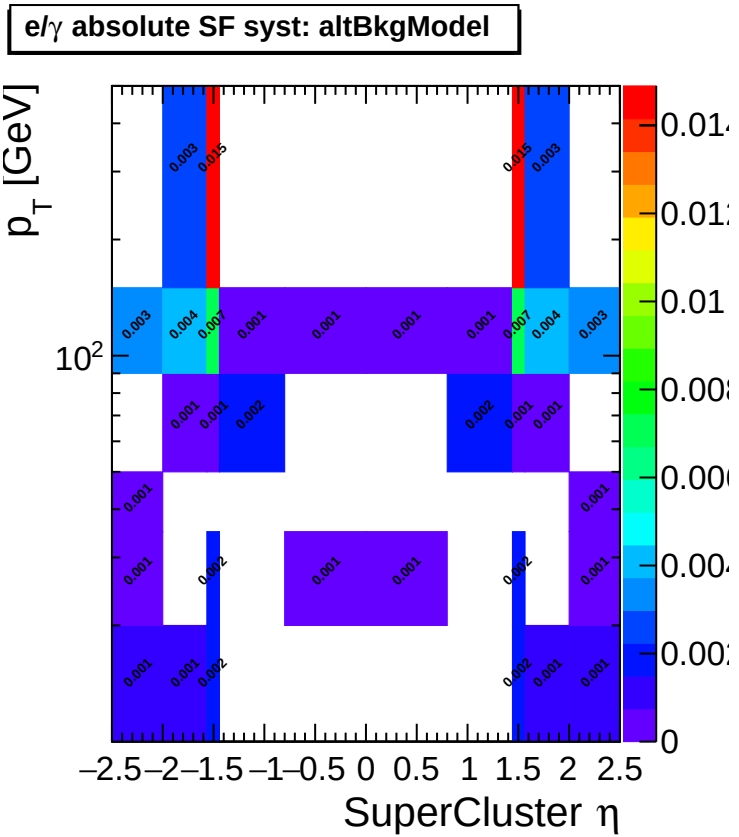

+35.9 fb-1 (13 TeV)
CMS
Preliminary
0.000 ≤ | η | ≤ 0.800
0.800 ≤ | η | ≤ 1.442
1.442 ≤ | η | ≤ 1.566
1.566 ≤ | η | ≤ 2.000
2.000 ≤ | η | ≤ 2.500
Data efficiency
Data / MC
pT [GeV]

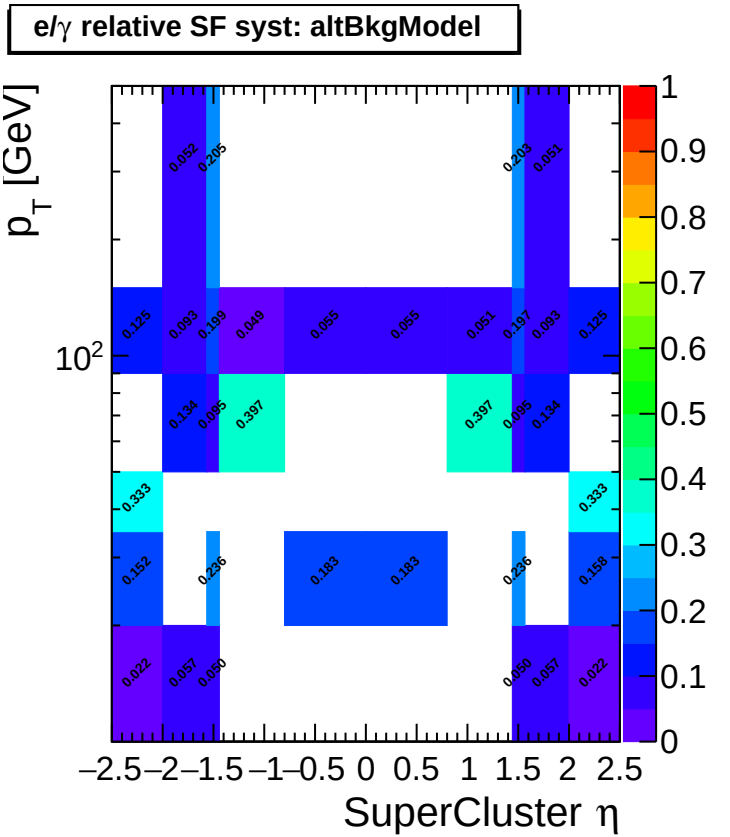

+35.9 fb-1 (13 TeV)
CMS
Preliminary
10 ≤ pT ≤ 20 GeV
20 ≤ pT ≤ 35 GeV
35 ≤ pT ≤ 50 GeV
50 ≤ pT ≤ 90 GeV
90 ≤ pT ≤ 150 GeV
150 ≤ pT ≤ 500 GeV
Data efficiency
Data / MC
SuperCluster η

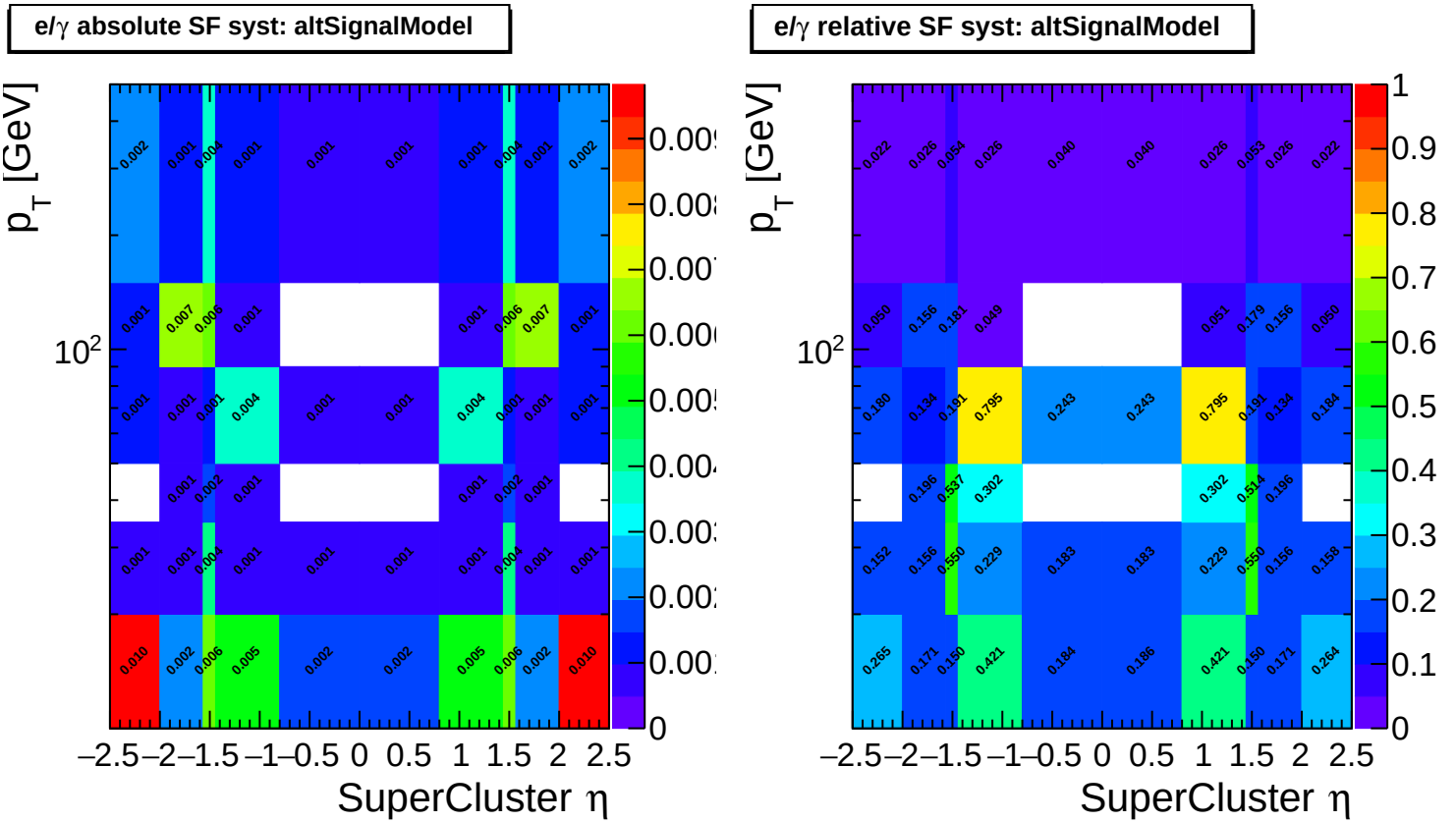

e/γ scale factors
e/γ uncertainties
p_T [GeV]
10^2
SuperCluster η
–2.5 –2 –1.5 –1 –0.5 0 0.5 1 1.5 2 2.5
1.1
1.05
1
0.95
0.9
0.1
0.08
0.06
0.04
0.02
0
1.039 1.073 1.040 0.900 0.964 0.998 0.972 0.855 0.907 0.910
0.976 0.957 0.962 0.933 0.948 0.969 0.932 0.936 0.902 0.930
0.964 0.930 0.974 0.930 0.931 0.960 0.931 0.937 0.922 0.942
0.964 0.932 0.972 0.928 0.926 0.952 0.934 0.942 0.917 0.944
0.973 0.948 0.988 0.948 0.937 0.958 0.944 0.947 0.924 0.959
0.942 0.957 1.001 0.955 0.939 0.951 0.943 0.917 0.923 0.916
0.111 0.056 0.073 0.051 0.014 0.014 0.051 0.073 0.057 0.110
0.028 0.042 0.034 0.013 0.011 0.011 0.012 0.034 0.042 0.028
0.007 0.005 0.006 0.005 0.002 0.002 0.005 0.006 0.005 0.007
0.002 0.003 0.003 0.002 0.002 0.002 0.002 0.003 0.003 0.002
0.004 0.004 0.008 0.002 0.003 0.003 0.002 0.008 0.004 0.004
0.037 0.014 0.041 0.012 0.010 0.010 0.012 0.041 0.014 0.037

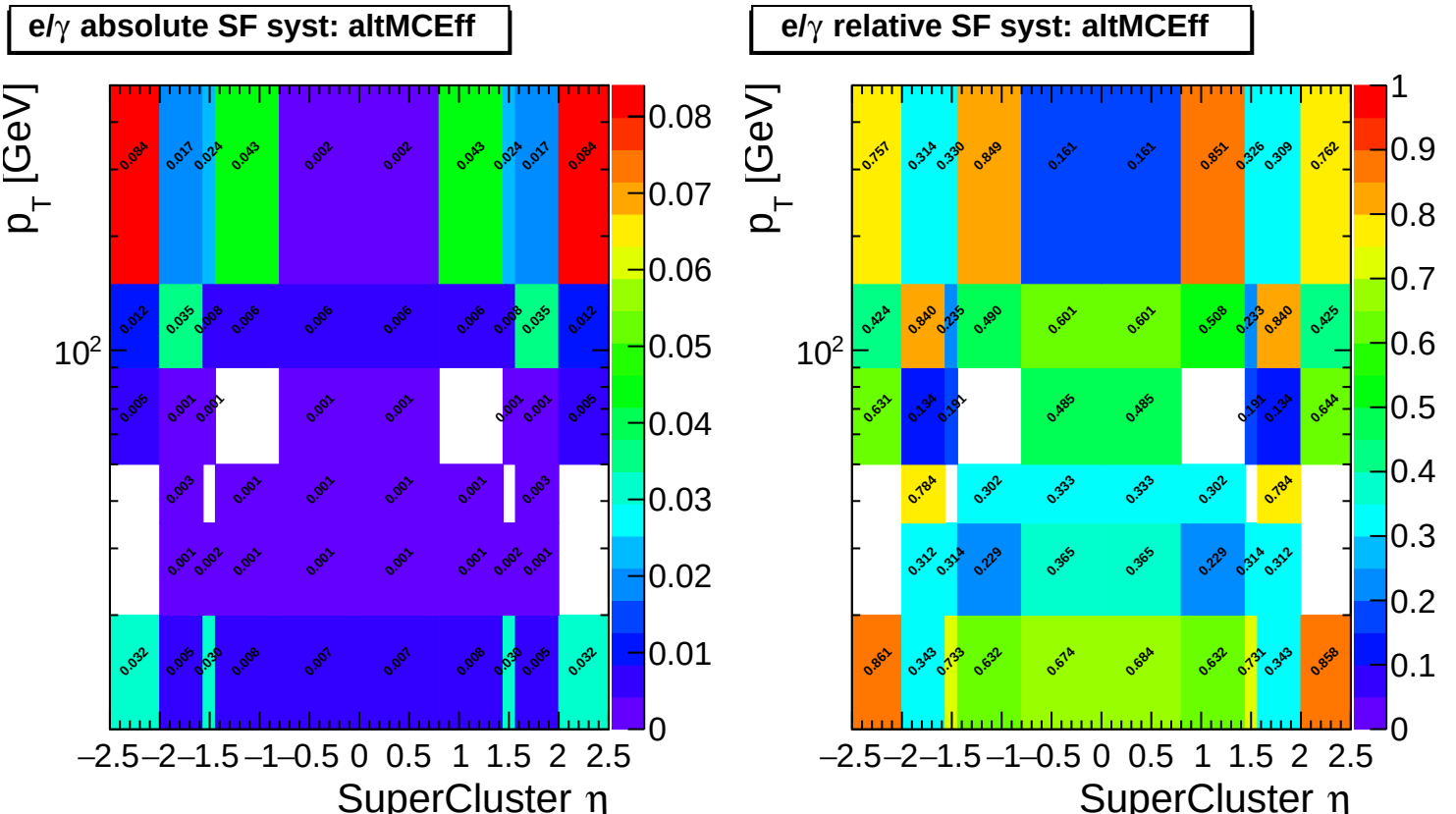

e/γ absolute SF syst: statData
e/γ relative SF syst: statData
p_T [GeV]
10^2
SuperCluster η
–2.5 –2 –1.5 –1 –0.5 0 0.5 1 1.5 2 2.5
0 0.005 0.01 0.015 0.02 0.025 0.03 0.035 0.04
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1

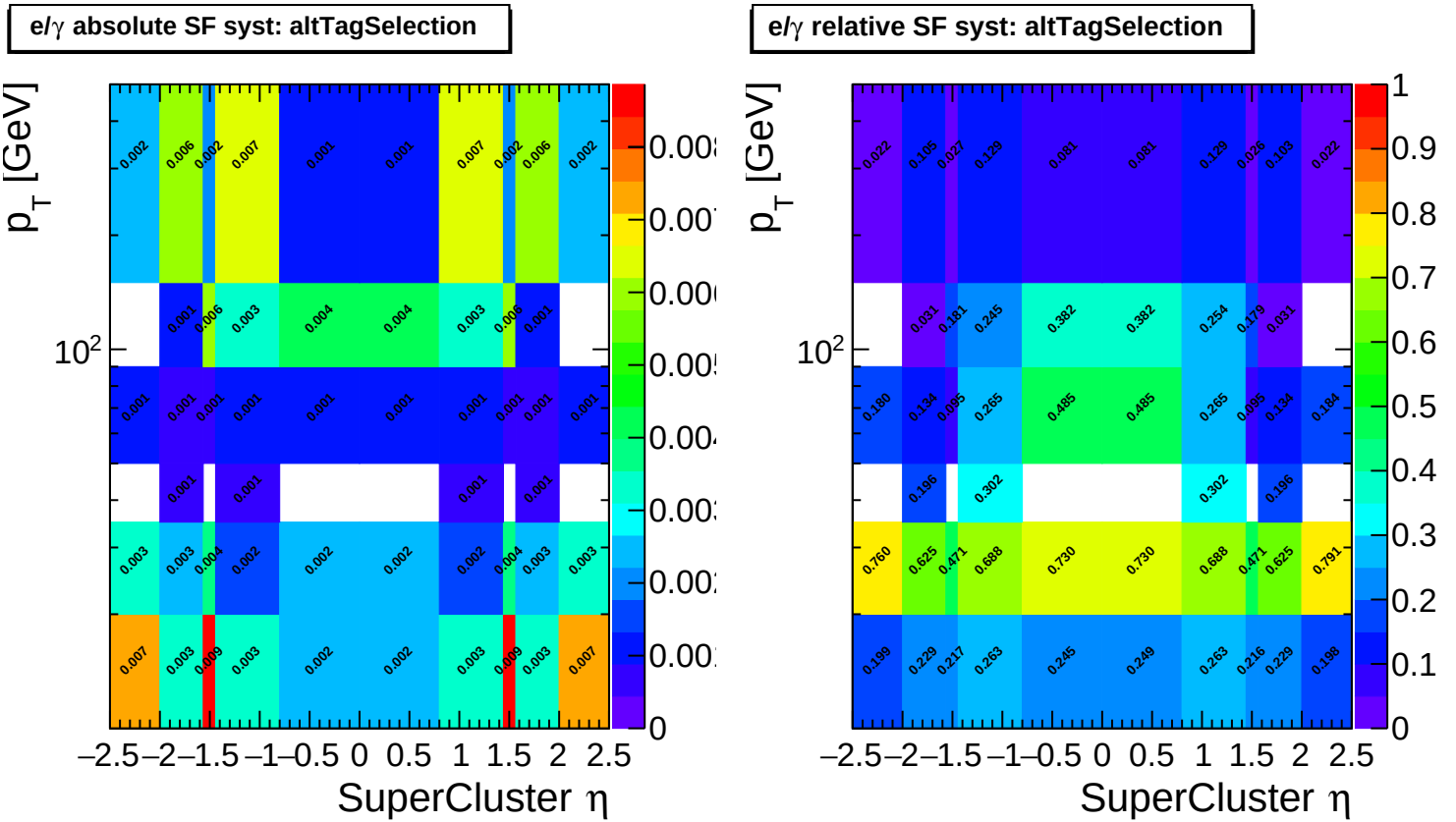

e/γ absolute SF syst: statMC
e/γ relative SF syst: statMC
p_T [GeV]
10^2
SuperCluster η
–2.5 –2 –1.5 –1 –0.5 0 0.5 1 1.5 2 2.5
0 0.01 0.02 0.03 0.04 0.05
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1


e/γ absolute SF syst: altBkgModel
p_T [GeV]
10^2
SuperCluster η
–2.5 –2 –1.5 –1 –0.5 0 0.5 1 1.5 2 2.5
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0


e/γ relative SF syst: altBkgModel
p_T [GeV]
10^2
SuperCluster η
–2.5 –2 –1.5 –1 –0.5 0 0.5 1 1.5 2 2.5
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0


e/γ absolute SF syst: altSignalModel
e/γ relative SF syst: altSignalModel
p_T [GeV]
10^2
SuperCluster η
–2.5 –2 –1.5 –1 –0.5 0 0.5 1 1.5 2 2.5
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1


e/γ absolute SF syst: altMCEff
e/γ relative SF syst: altMCEff
p_T [GeV]
10^2
SuperCluster η
–2.5 –2 –1.5 –1 –0.5 0 0.5 1 1.5 2 2.5
0 0.01 0.02 0.03 0.04 0.05 0.06 0.07 0.08
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1


e/γ absolute SF syst: altTagSelection
e/γ relative SF syst: altTagSelection
p_T [GeV]
10^2
SuperCluster η
–2.5 –2 –1.5 –1 –0.5 0 0.5 1 1.5 2 2.5
0 0.001 0.002 0.003 0.004 0.005 0.006 0.007 0.008
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1