

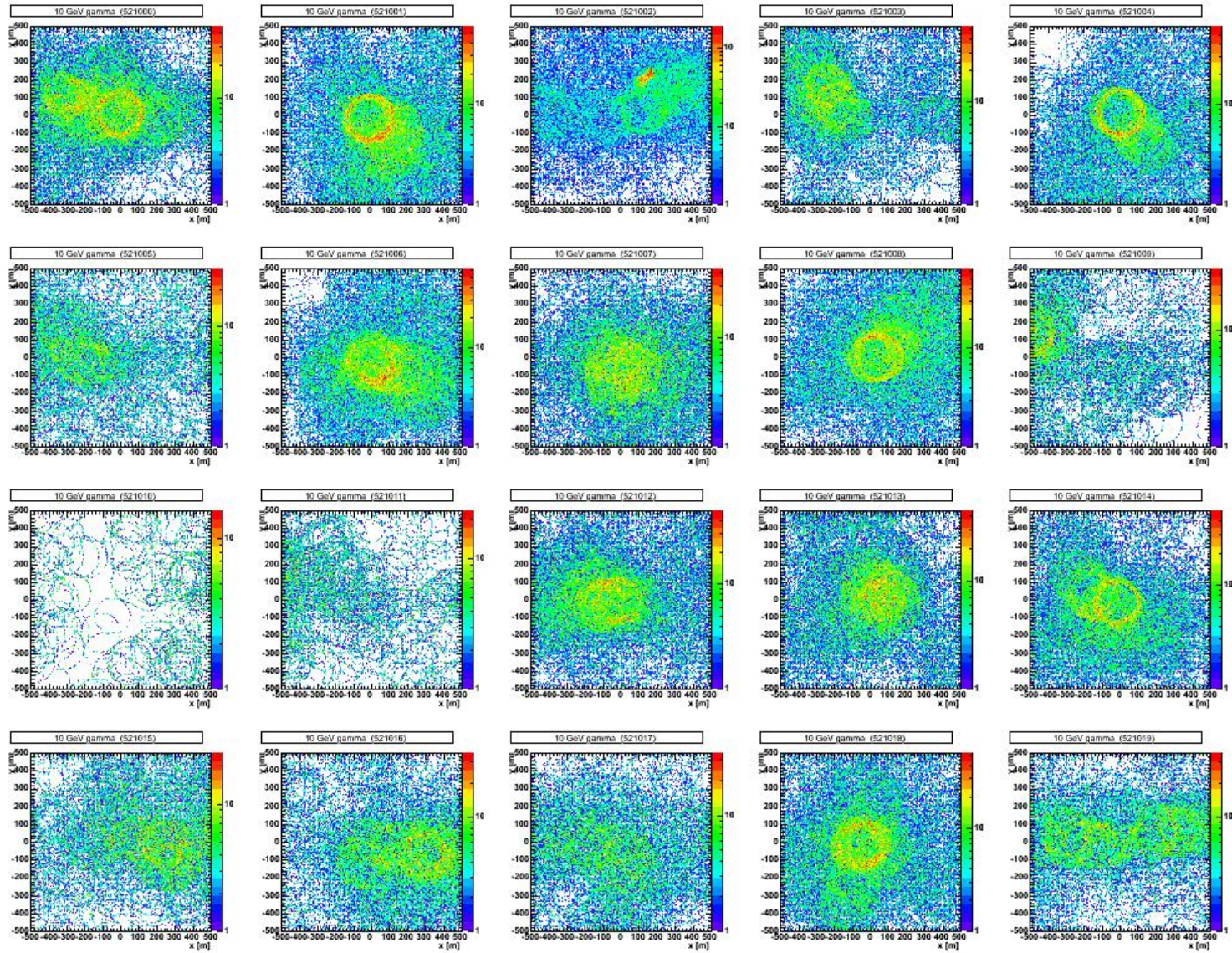
Cherenkov distribution at ground: examples

Gernot Maier

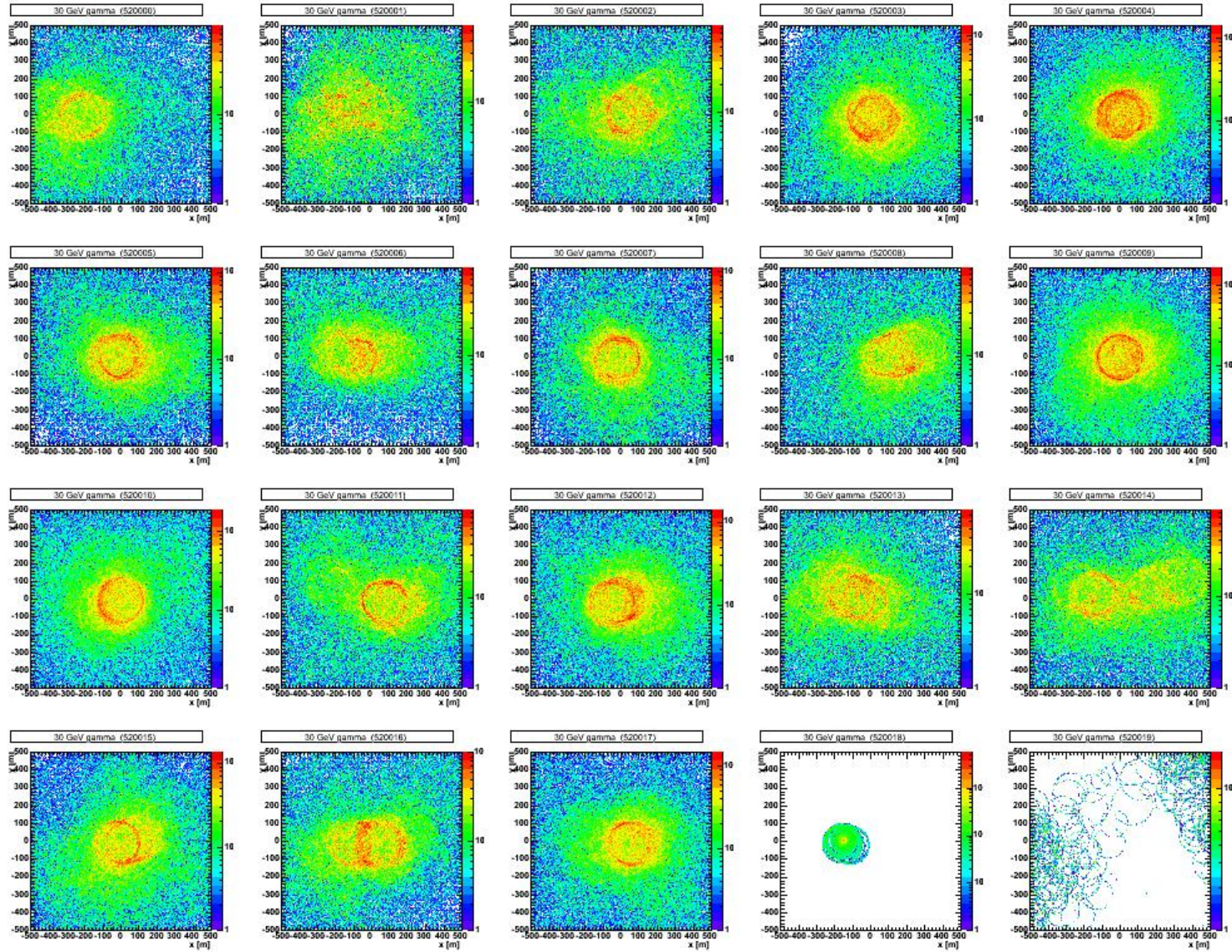
University of Leeds

- CORSIKA 6.200 with QGSJET01, FLUKA, EGS4
- observation level 1800m
- US standard atmosphere
- atmospheric attenuation
- vertical showers
- randomly selected individual showers

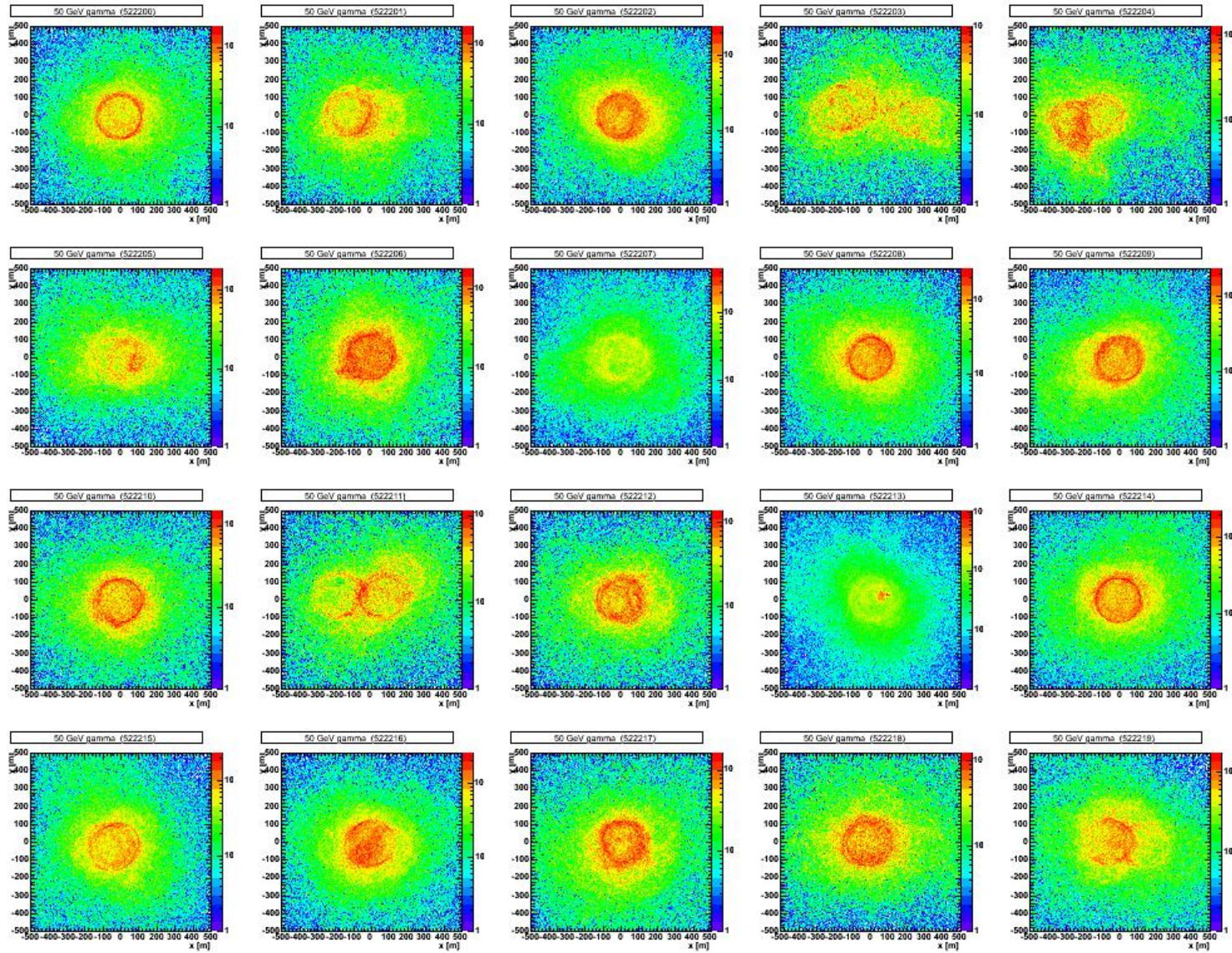
Gamma 10 GeV



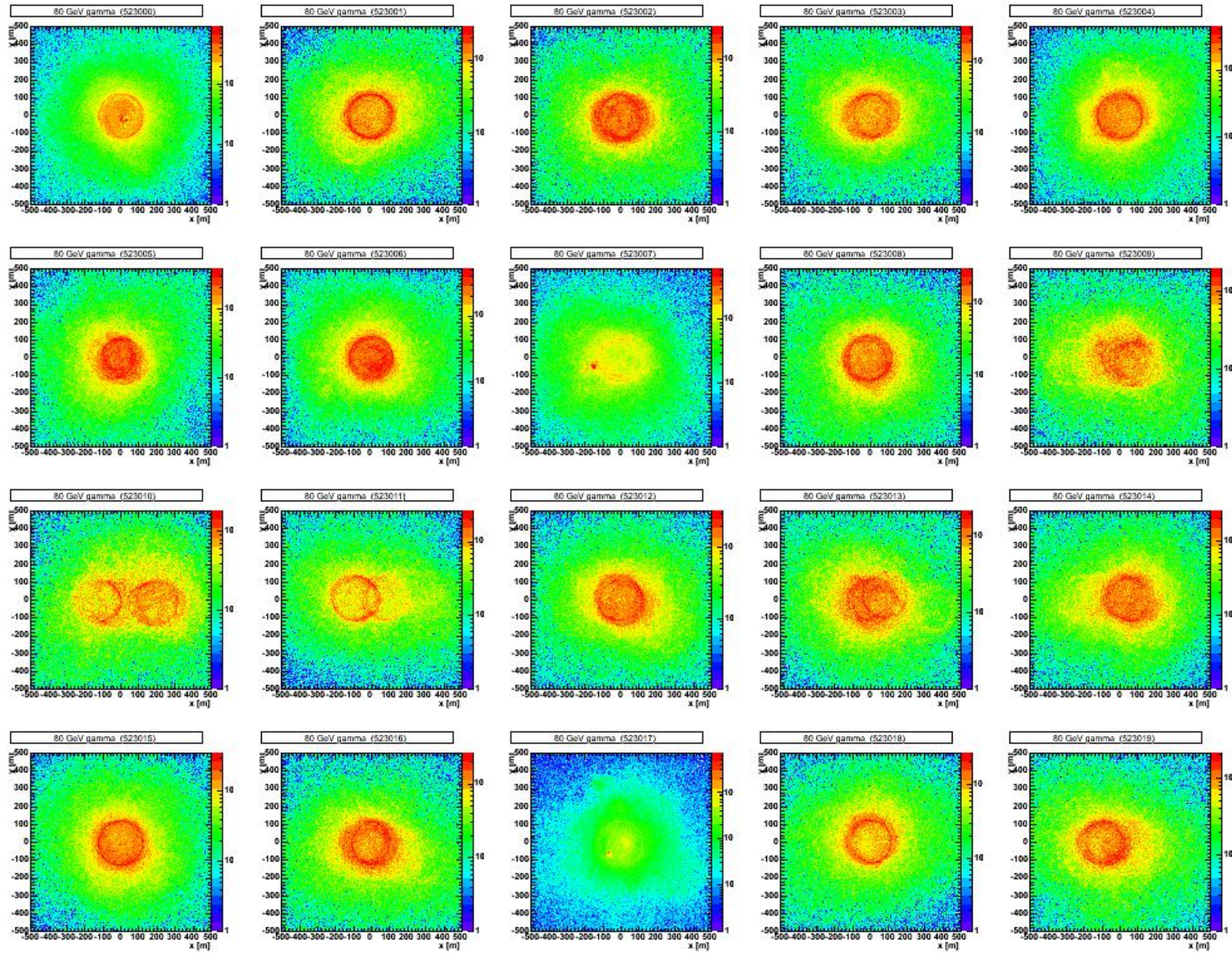
Gamma 30 GeV



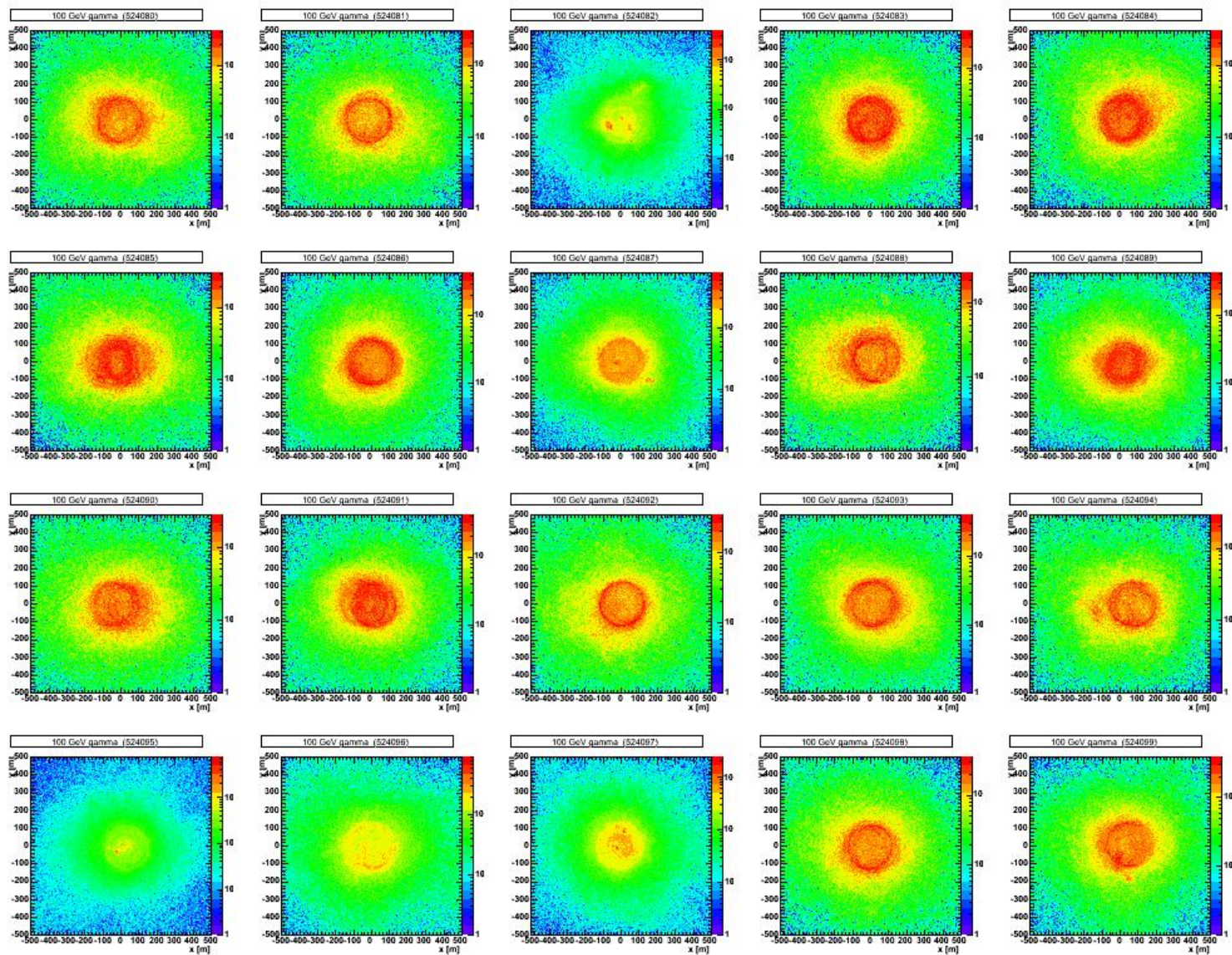
Gamma 50 GeV



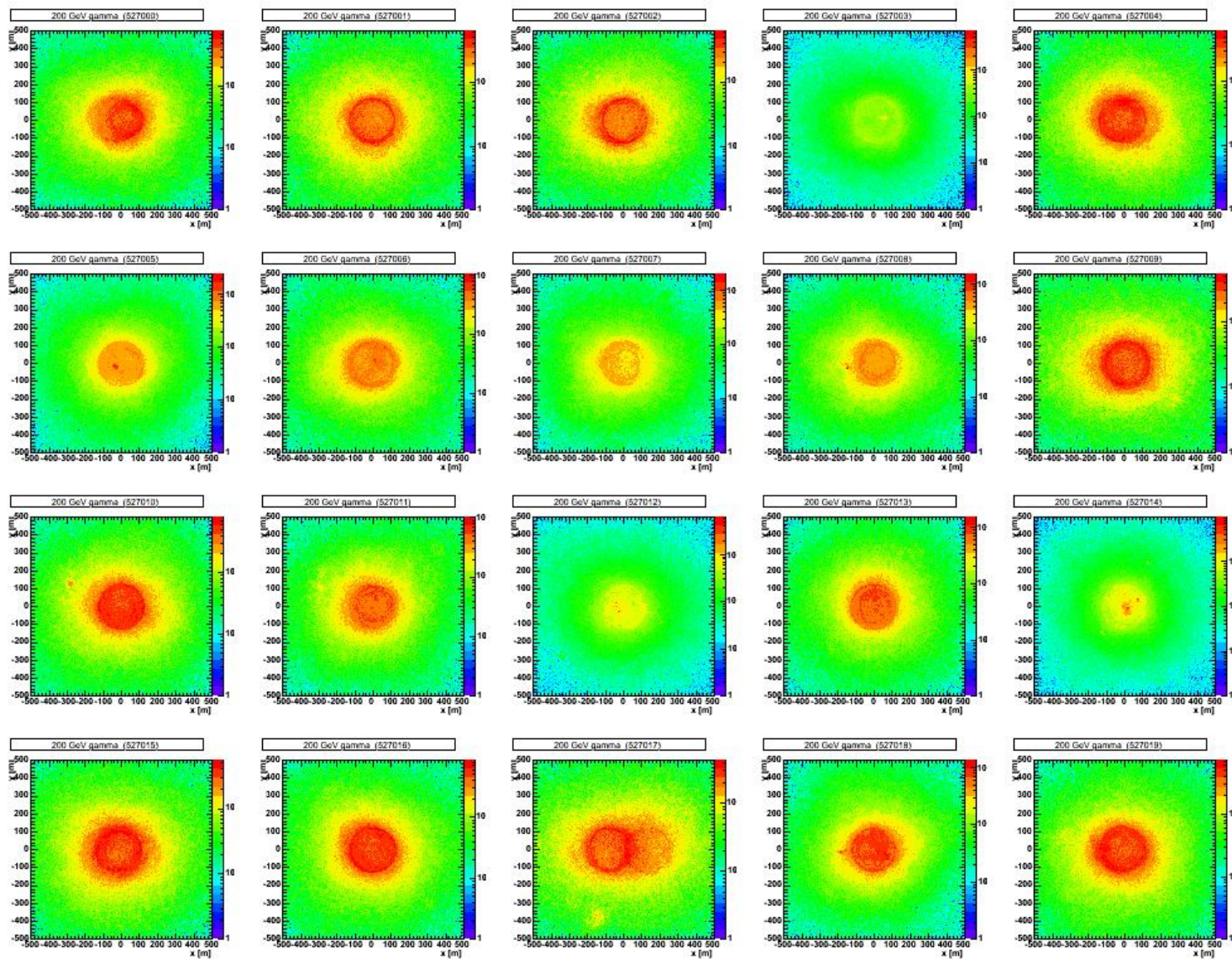
Gamma 80 GeV



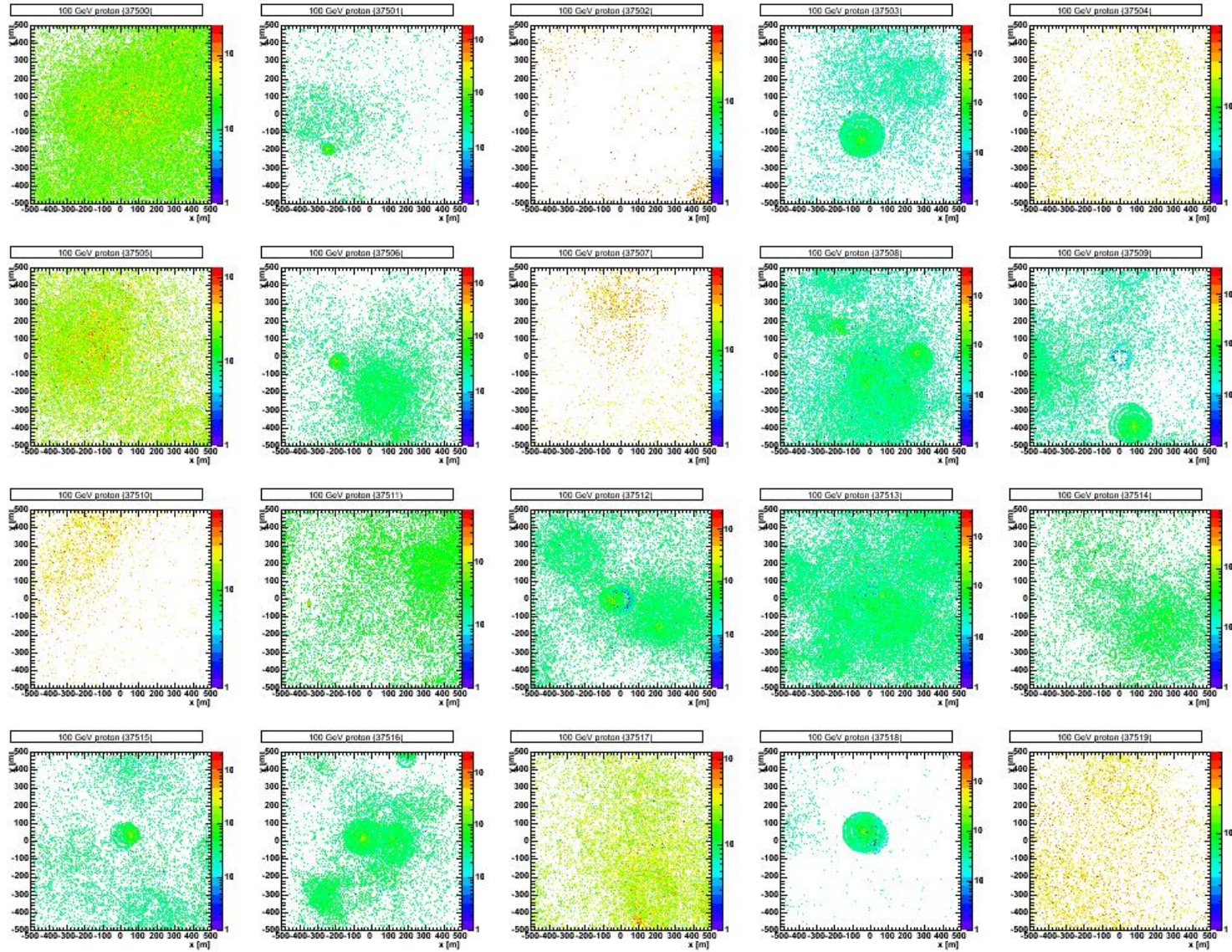
Gamma 100 GeV



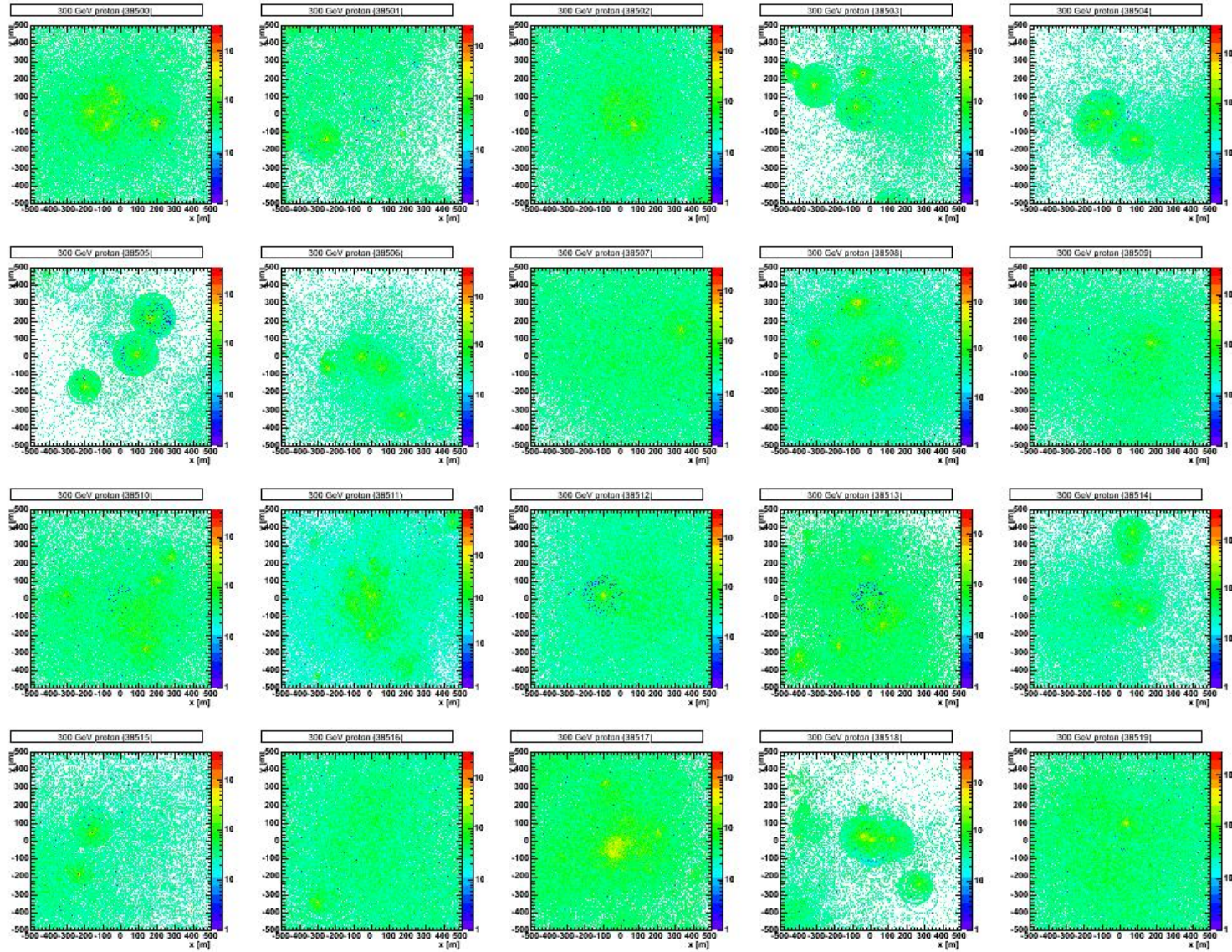
Gamma 200 GeV



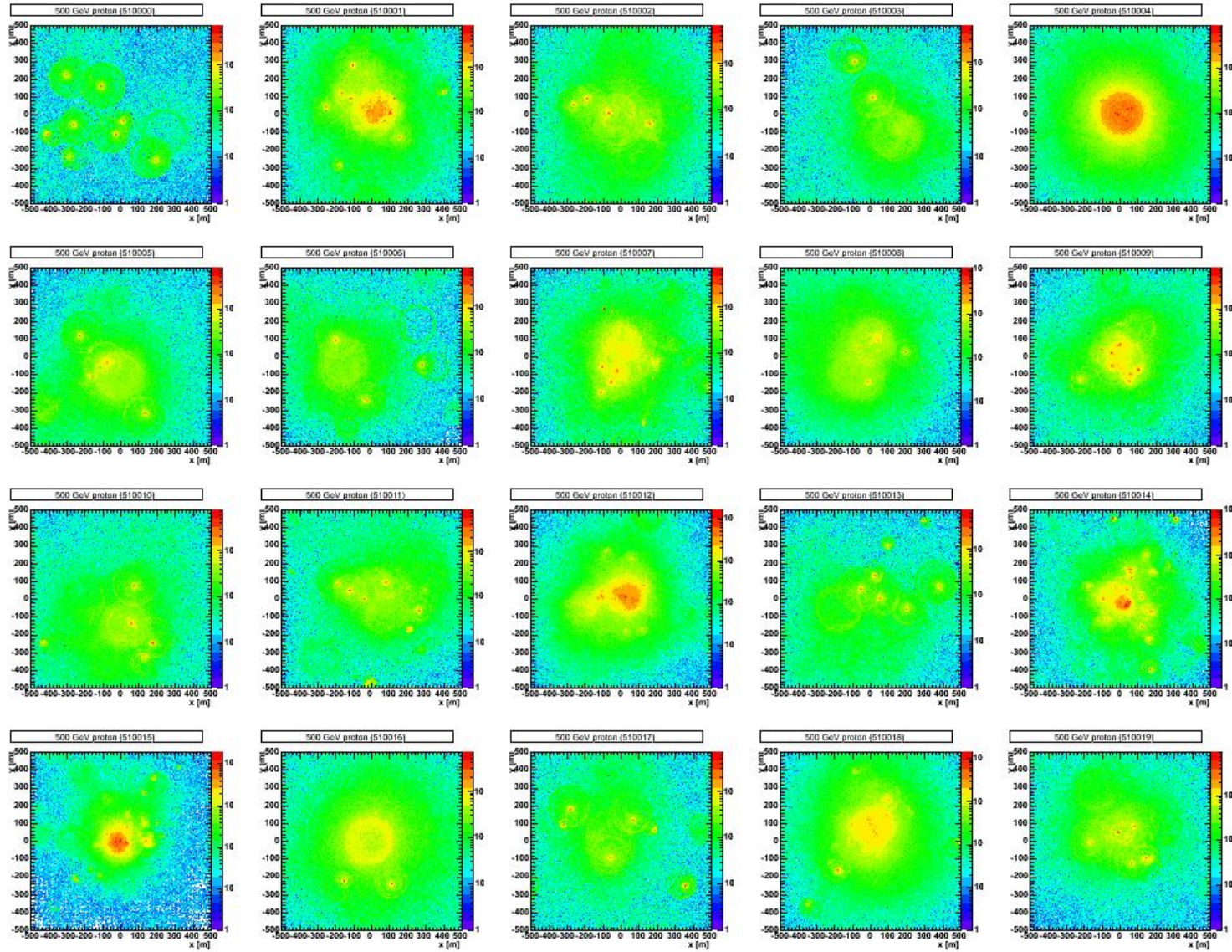
Proton 100 GeV



Proton 300 GeV



Proton 500 GeV



Proton 5000 GeV

