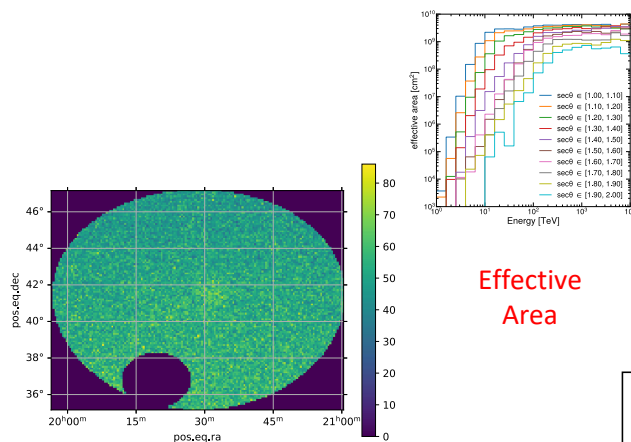
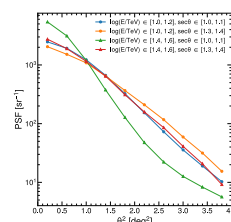


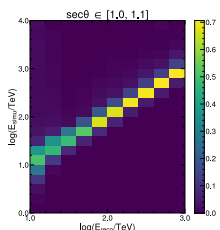
# A 3D Likelihood Analysis Tool for LHAASO-KM2A data



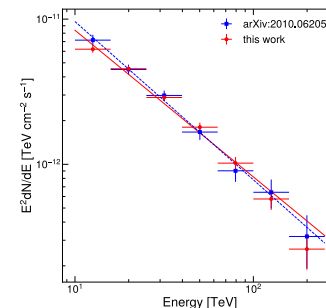
Effective Area



Point Spread Function

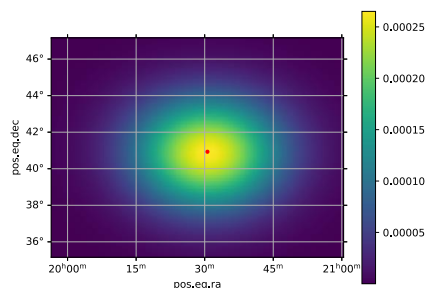


Energy Dispersion

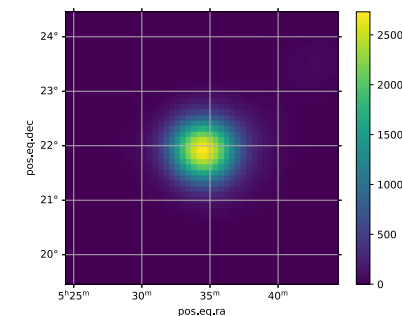
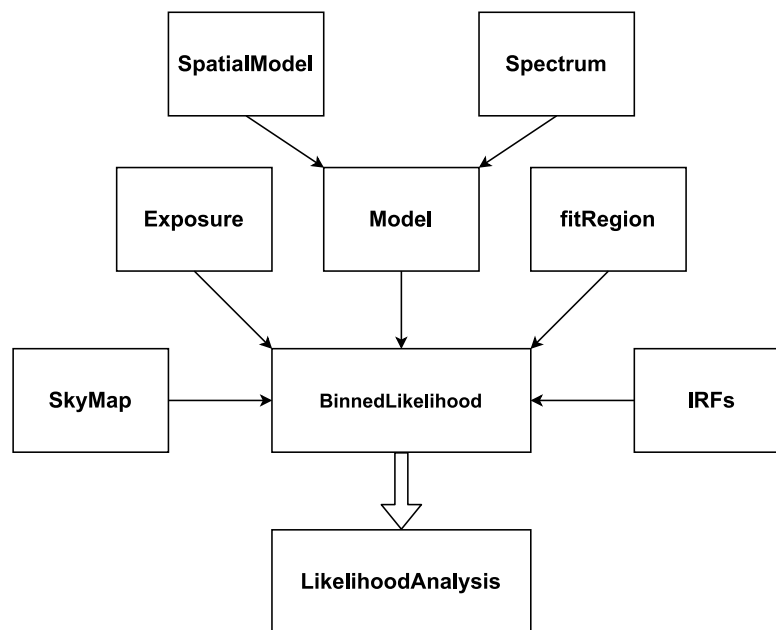


Spectral Energy Distribution (SED)

Fit region around Cygnus Cocoon



Spatial model of Cygnus Cocoon with a Gaussian width  $2.13^\circ$



Test Statistic (TS) map