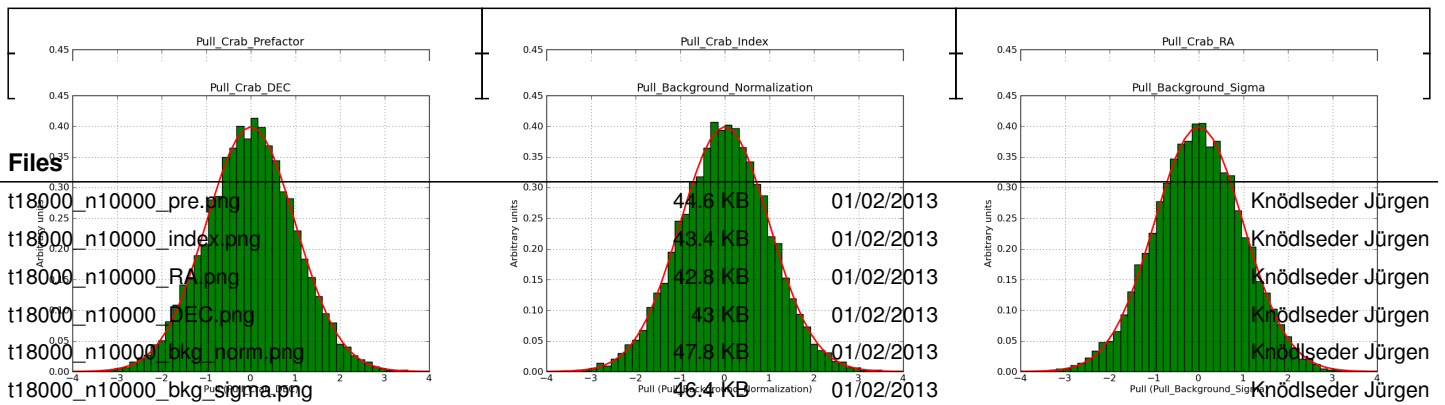{{lastupdated_at}} by {{lastupdated_by}}

GModelSpectralPlaw

Validation

The model has been validation by generating pull distributions using cspull. The validation has been done using ctools-00-06-00 and GammaLib-00-07-00.

A power law following the HESS Crab spectrum was used to generate mock data. Below the pull distributions for all fitted parameters (integral flux, spectral index, source position and 2 background parameters) are shown for 10000 Monte Carlo samples for an exposure time of 18000 seconds. The deadtime correction factor was assumed to 0.95. The file kb_E_50h_v3 was used for the instrumental response function, data have been simulated for 0.1-100 TeV for an ROI of 5 deg.

Files

t18000_n10000_pre.png	44.6 KB	01/02/2013	Knödlseder Jürgen
t18000_n10000_index.png	43.4 KB	01/02/2013	Knödlseder Jürgen
t18000_n10000_RA.png	42.8 KB	01/02/2013	Knödlseder Jürgen
t18000_n10000_DEC.png	43 KB	01/02/2013	Knödlseder Jürgen
t18000_n10000_bkg_norm.png	47.8 KB	01/02/2013	Knödlseder Jürgen
t18000_n10000_bkg_sigma.png	46.4 KB	01/02/2013	Knödlseder Jürgen