1 Implemented Likelihood Models

This section describes the implemented likelihood models.

1.1 Time Dependent Point-Source Flare

The `TimeDepPSFlareLHModel` class provides the likelihood model for searching for a point source with unknown time-dependence. The search is based on the formulism described in [1]

References

[1] Jim Braun, Mike Baker, Jon Dumm, Chad Finley, Albrecht Karle, Teresa Montaruli. Time-Dependent Point Source Search Methods in High Energy Neutrino Astronomy. *Astropart.Phys.*, 33:175–181, 2010.