MW observations of the TeV blazar 1es1959+650

Sep 20th, 2008 – Nov05th, 2008

June 1st, 2009 – Aug02nd 2009

+

1 Year coverage with Fermi

The source had never been detected at GeV frequencies (No EGRET detection)

Instruments that participated and this MW effort

2008

http://www.slac.stanford.edu/~dpaneque/MW_1es1959_2008/Obs.html

2009

OVRO, WIRO, GRT, Tuorla, Swift, Fermi, MAGIC

Roadmap for publication of the collected data

The MW data set is not as large/dense as for the Markarians (421 and 501)

We are planning to report on all the MW data in a single publication

- Light curves and variability
- Correlations between energy ranges
- SED

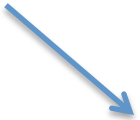
Estimated time for final draft: ~2 months

Collection of MW data

Instruments whose data is ready (or almost ready)

OVRO
VLBA (from 2008)
Effelsberg
WIRO
GRT
New Mexico Skies
ROVOR
Swift/XRT
RXTE/PCA
Fermi
MAGIC (*preliminary*)

Instruments whose data reduction is still pending	**Estimated time of arrival**
VLBA (from 2009)	
Meniscus	1 week
Tuorla	????
Swift/UVOT	???
Swift/BAT	~2 weeks
VERITAS	???



Only ~2 hours during the MW 2008… probably upper limits….

Data provided to me are uploaded and available to the MW participants at the data base:
https://www.slac.stanford.edu/exp/glast/MW/1es1959_2008/Protected/Html/DataAccess.html