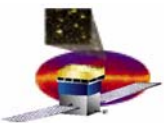


Merit FITS files & HippoDraw

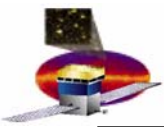
Warren Focke

June 8, 2004



Merit FITS files

- **Examples are in same FTP directories as ROOT files**
 - **Conversion**
 - Done with `tree2tf` from the AstroROOT package
<http://isdc.unige.ch/Soft/AstroRoot/>.
 - Version 4.0, requires ROOT version 4.00.02 or better.
 - Installed at SLAC at
`/afs/slac/g/glast/applications/astroTools`
 - **Validity**
 - checked with script `cmpTuple.py`, available from the FTP site. Requires HippoDraw, `pyfits`, and `numarray`.
 - **Checksums**
 - Are not correct in the current version, this is not a problem, but will be fixed



FITS & HippoDraw

- Files must be decompressed before they can be read with HippoDraw
- To view FITS files with HippoDraw, use a script (available from our FTP site as hippofits.py):

```
#!/usr/local/bin/python2.3
import sys, FitsNTuple, hippo
infits = sys.argv[1]
fitsTuple = FitsNTuple.FitsNTuple(infits).makeNTuple()
app = hippo.HDApp()
sys.stderr.write("Enter 'q' to quit...")
while sys.stdin.readline()[0] not in 'Qq':
    pass
sys.exit()
```

- After loading, must click on canvas window to see data.