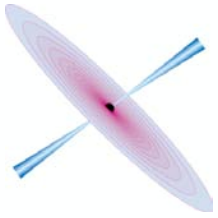


GLAST Science Plan

Neil Gehrels (GSFC)

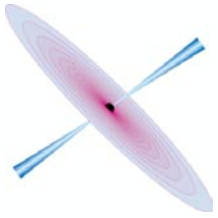
GLAST SWG Meeting
UC Santa Cruz
December 11-12, 2001

GLAST



Introduction

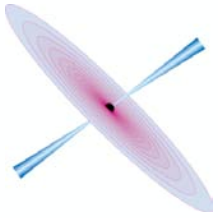
- GLAST Science Plan to summarize mission elements and describe scientific plans and opportunities
- Modeled on the GRO Science Plan
- Project Document



Outline

p. 1

1. Introduction
2. Science Rationale
 - Preceding missions
 - Key questions
 - Capabilities onboard to address key questions

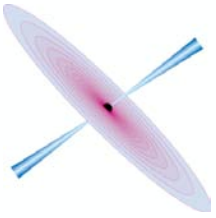


3. Mission Description

- Mission
- Instruments
- Spacecraft
- Observing Modes
- Ground System

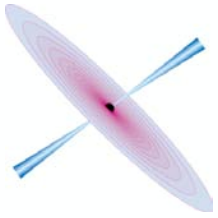
4. Data Flow and Management

- Summary of PDMP



5. Scientific Investigations

- Overview
- AGN
- Isotropic Background Radiation
- GRB
- Solar Flares
- Interstellar Clouds, SNR, Normal Galaxies
- Endpoints of Stellar Evolution (Neutron Stars and Black Holes)
- Unidentified Gamma-Ray Sources
- Dark Matter



Outline

p. 4

6. Science Plans

- LAT Team Science
- GBM Team Science
- Guest Investigator Opportunities
- Archival Research