

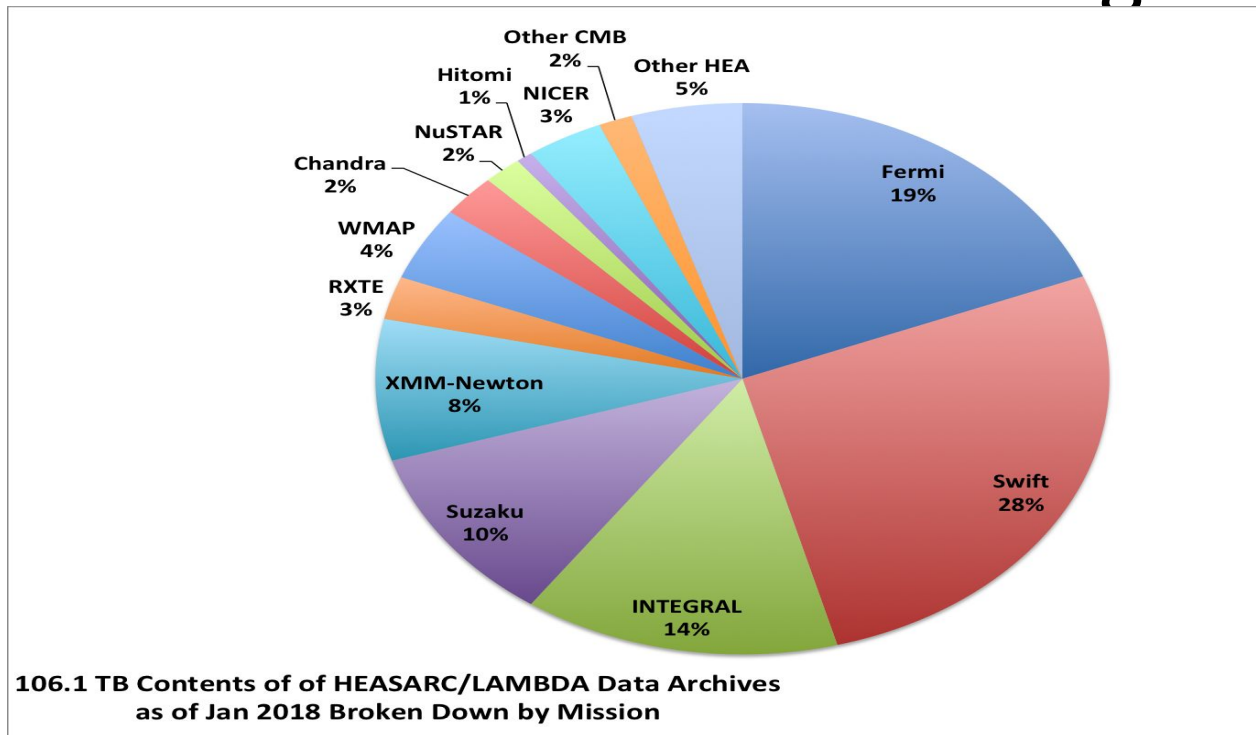
INTEGRAL Status@ GSFC

Brad Cenko, Julie McEnery, and Steve
Sturner

Current INTEGRAL Activities at the HEASARC

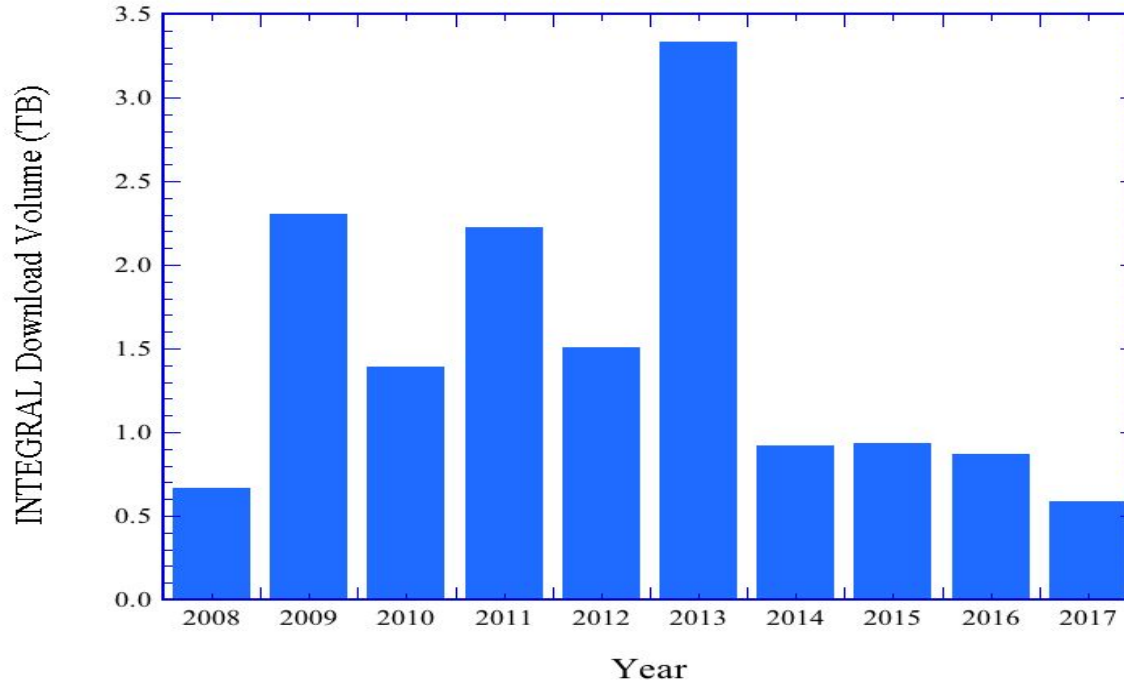
- The HEASARC maintains 19 searchable INTEGRAL catalogs including published catalogs in the literature.
- This includes an up-to-date mirror to the INTEGRAL data archive containing all public data (downloaded from the ISDC).
 - The archive includes all publically released data including ToOs and Galactic monitoring programs as they become available as well as up-to-date housekeeping data.
 - The HEASARC does not support the download of proprietary GO data or data for analysis of other sources in the FOV, i.e. “data rights” data.
- The HEASARC maintains the INTEGRAL GOF webpage including links to INTEGRAL news (including RSS feeds) and an INTEGRAL help desk.
- HEASARC personnel remain a point of contact between ESA and NASA.

HEASARC Archive Holdings



- The INTEGRAL archive at the HEASARC is the third largest mission archive behind Swift and Fermi.

HEASARC Data Download Volumes

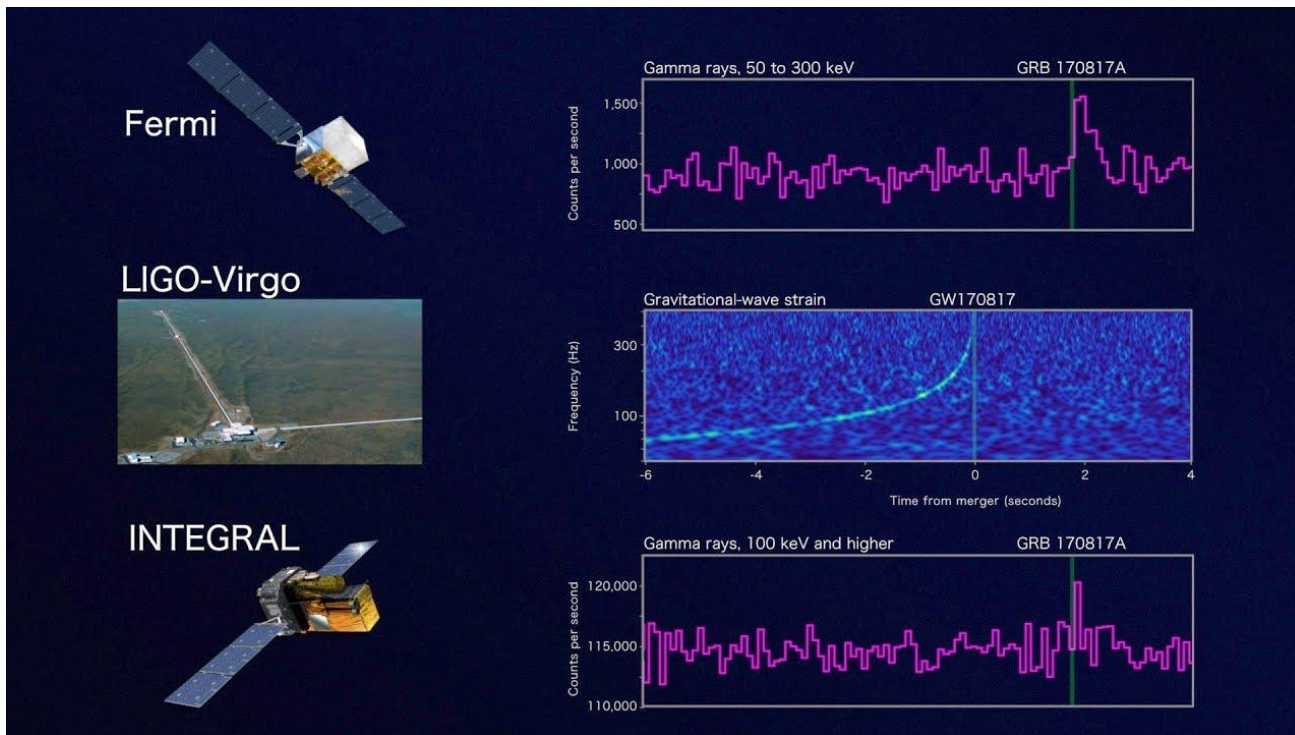


- Keep in mind that the HEASARC does not support the download of either proprietary or “data rights” data.

INTEGRAL Research in the US (or US Missions)

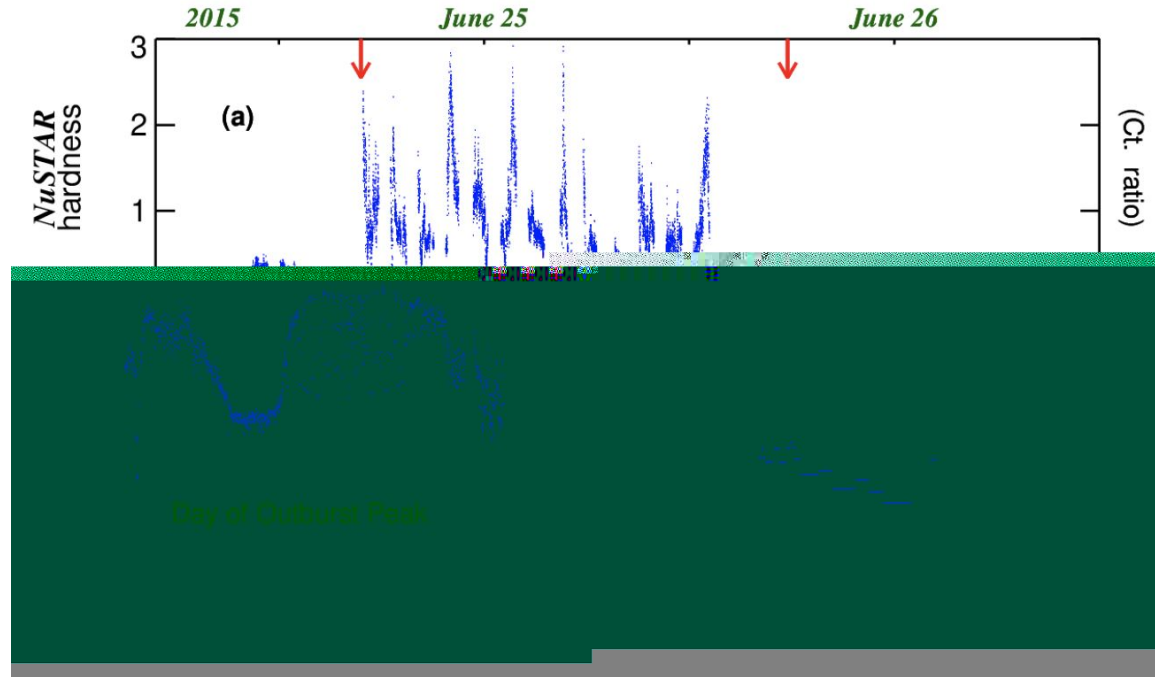
- The ESA-INTEGRAL webpage lists 85 INTEGRAL-related refereed publications in 2017-2018 (as of 2-Feb-2018)
- 38% of these papers had US authors (12 with US first authors).
- Many of these papers represent collaborative science utilizing data from other observatories such as Fermi, Swift, NuStar, and LIGO.
- Joint GI programs with Fermi, Swift, and NuSTAR

A Short GRB Associated with GW170817



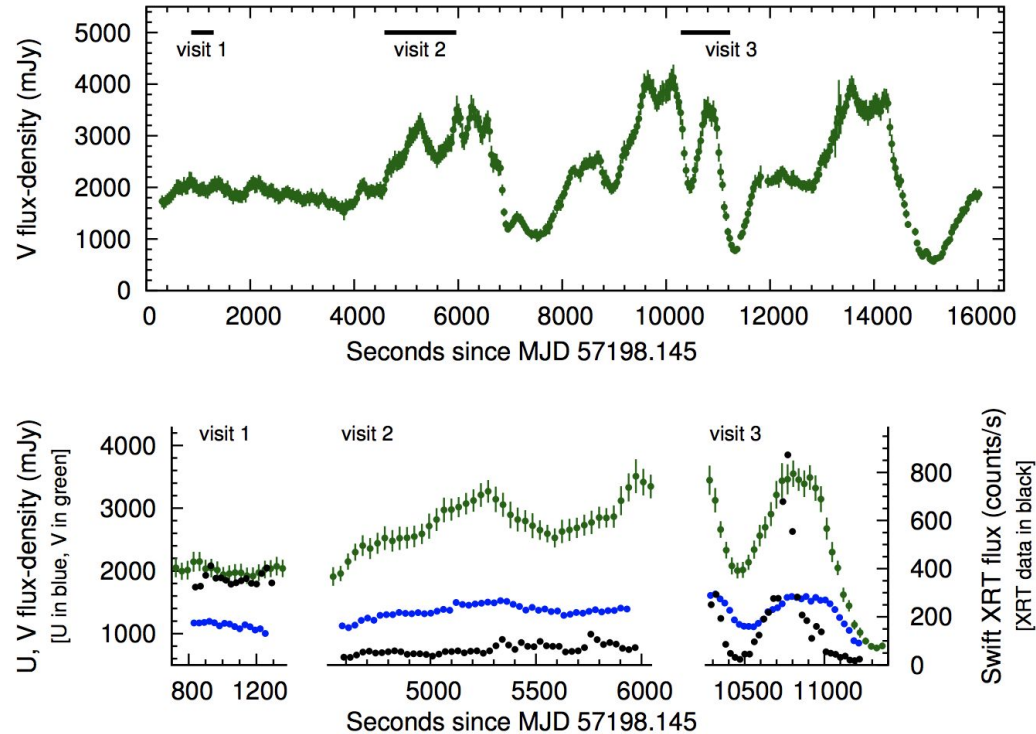
The Origin of Optical Emission in V404

$Cv\sigma$

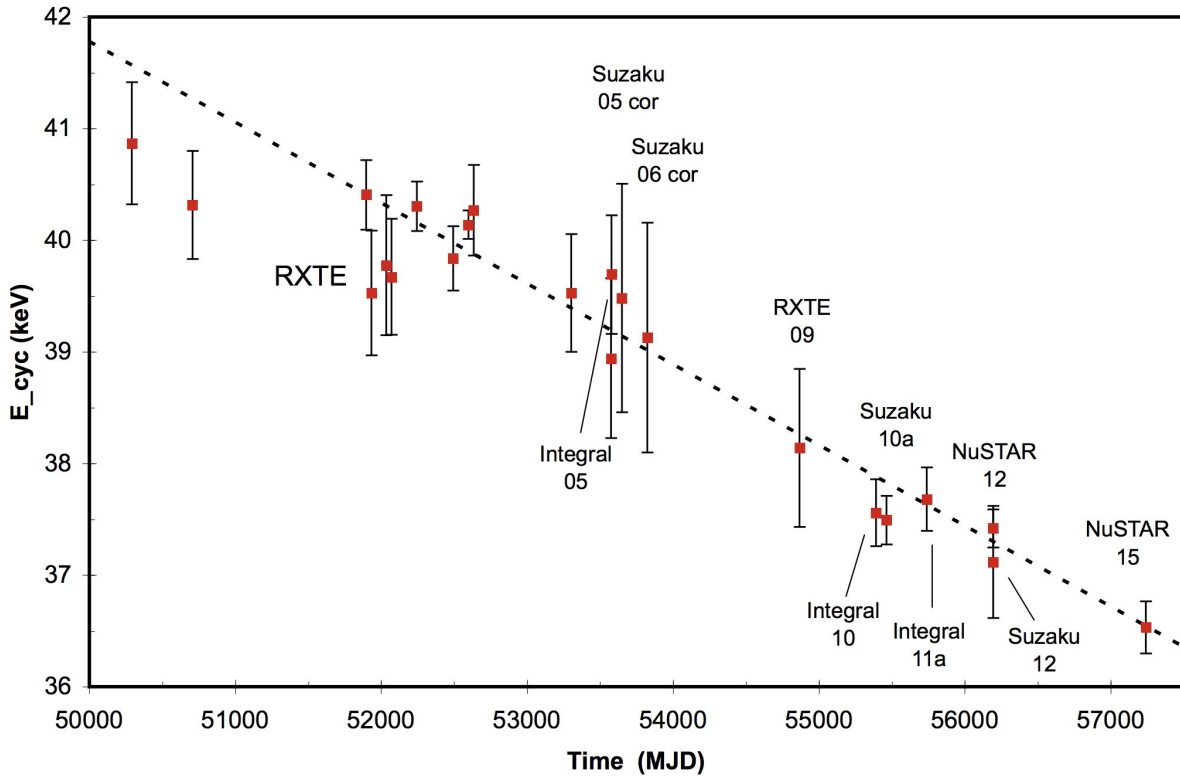


The Origin of Optical Emission in V404

$Cv\sigma$



Cyclotron Emission Line in Her X-1



Staubert+2016