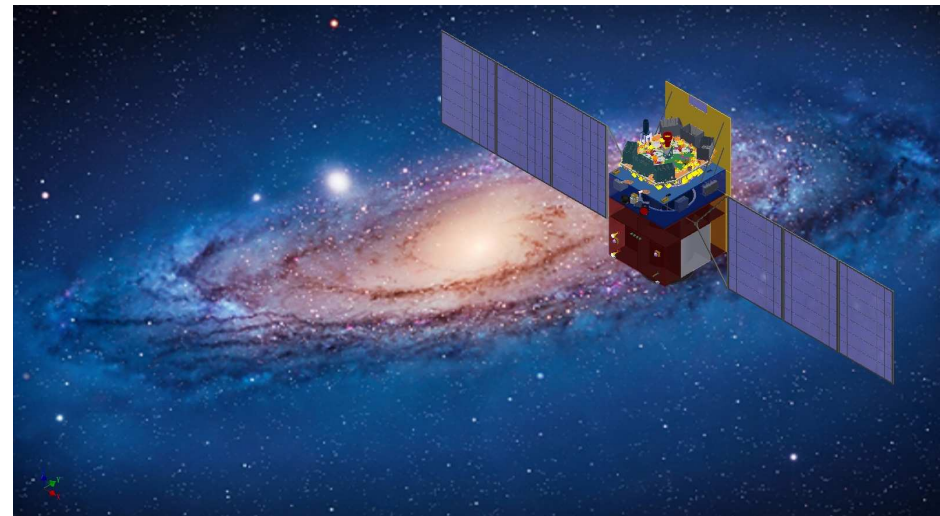
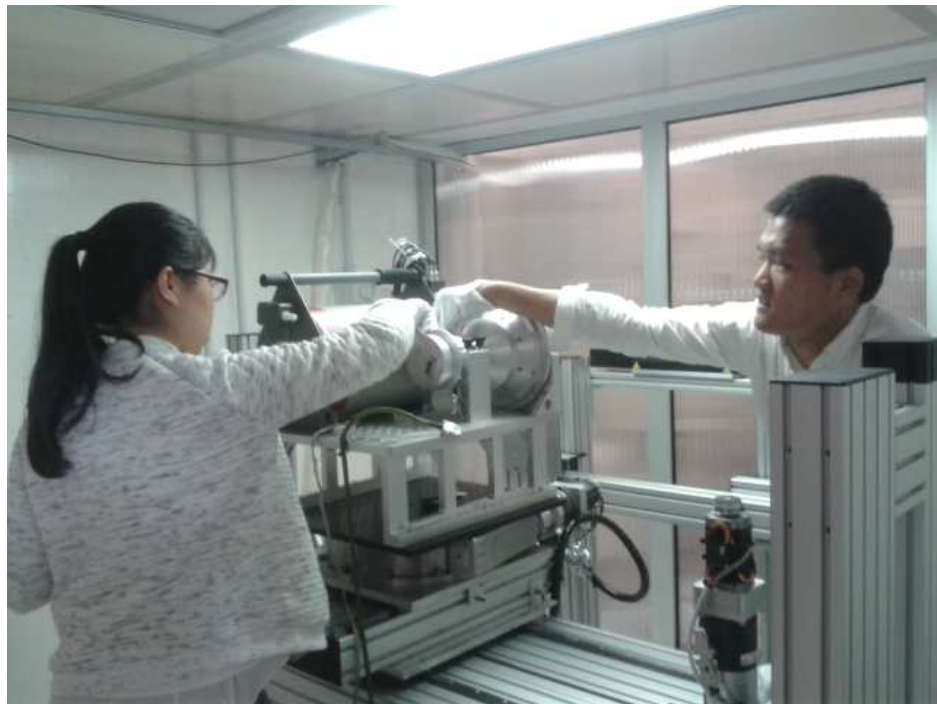


HXMT in Bologna–Ferrara



Mauro Orlandini

on behalf of the Bologna/Ferrara HXMT Collaboration Group

HXMT in Bologna-Ferrara



Mauro Orlandini

on behalf of the Bologna/Ferrara HXMT Collaboration Group



The People

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Research Interests

Concrete Projects

Area of Collaboration

Ferrara

Filippo Frontera
Piero Rosati
Cristiano Guidorzi
Enrico Virgilli
Renato Martone
Marco Marongiu

Bologna

Mauro Orlandini
John Stephen
Lorenzo Amati
Nicola Masetti
Eliana Palazzi
Luciano Nicastro
Loredana Bassani
Angela Malizia
Vito Sguera



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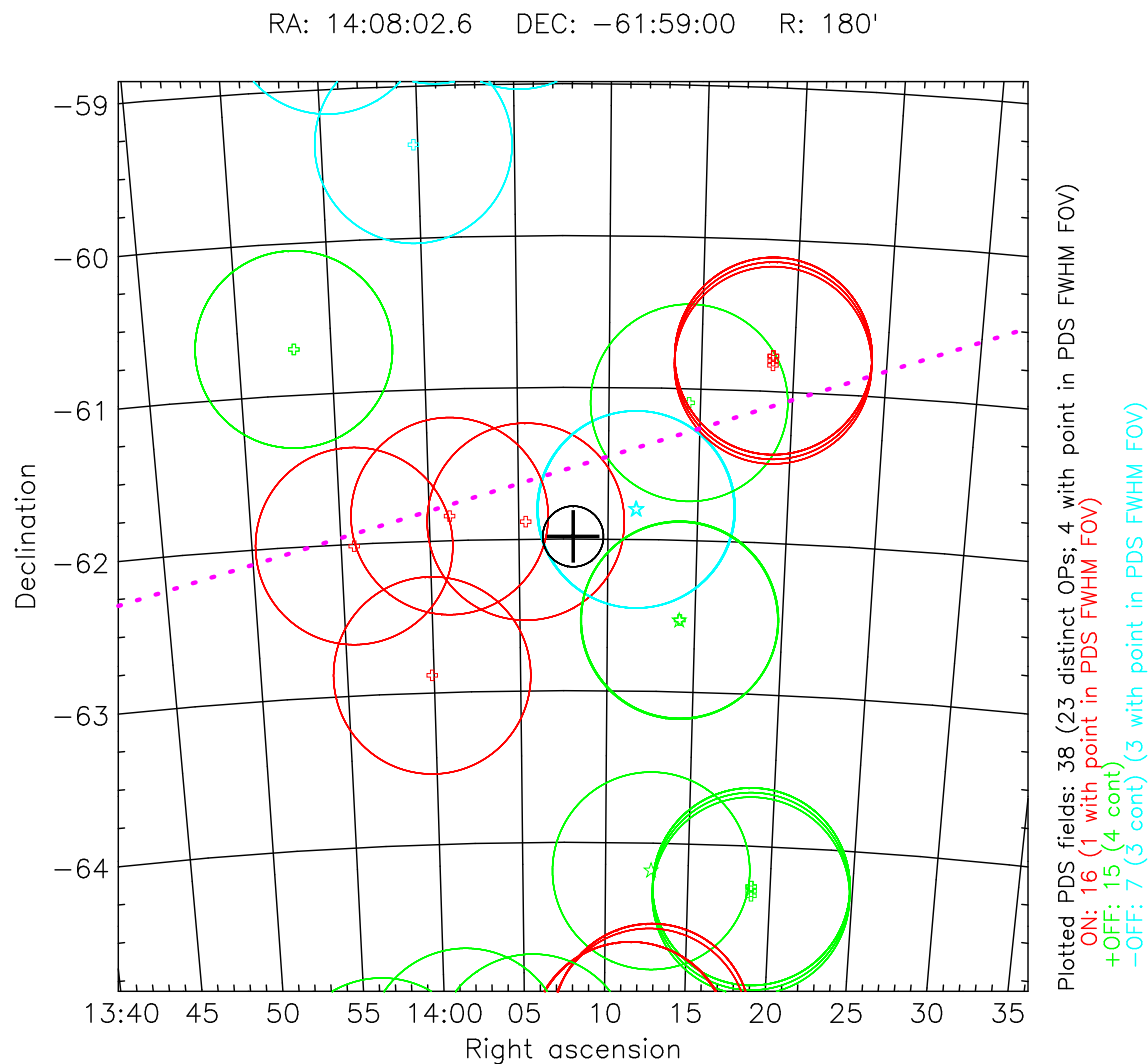
Concrete Projects

Area of Collaboration

Spectral and Temporal Studies of Compact Objects

CRSFs in MAXI J1409—619

The People
Research Interests
Concrete Projects
Area of Collaboration



Orlandini+ 2012

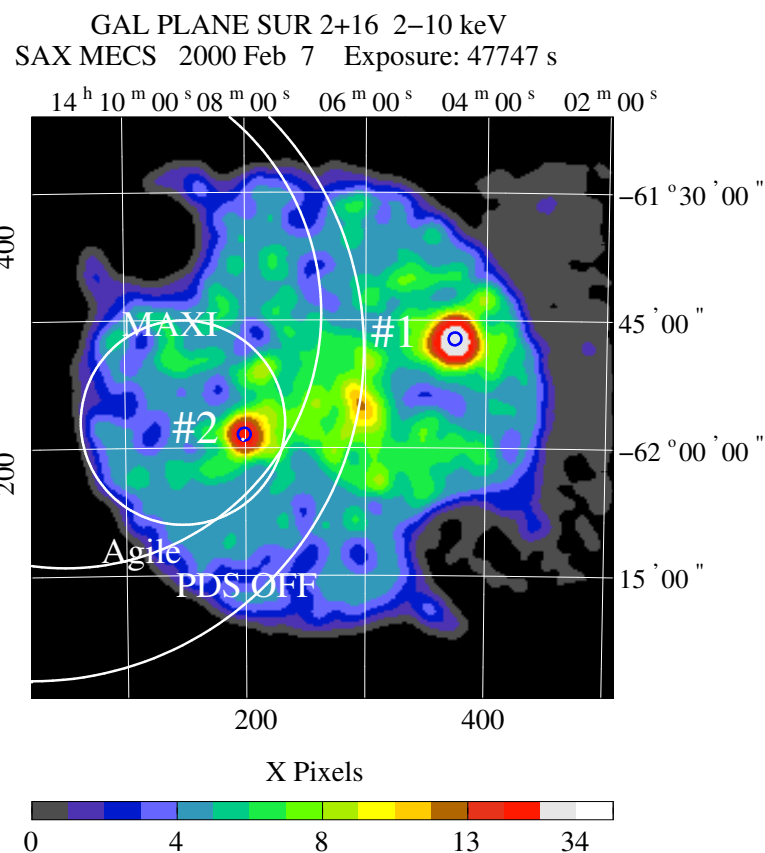
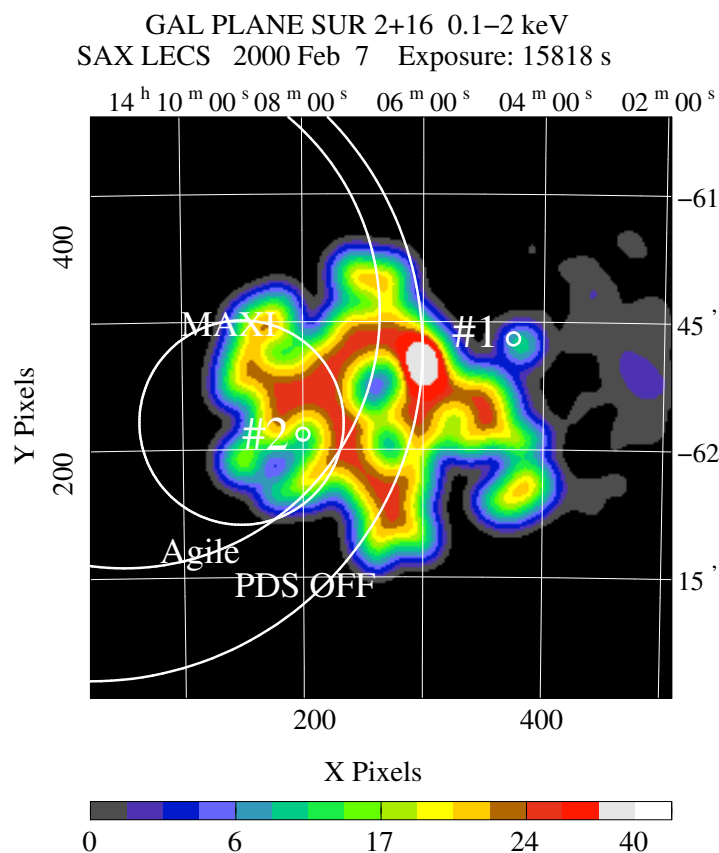
CRSFs in MAXI J1409—619

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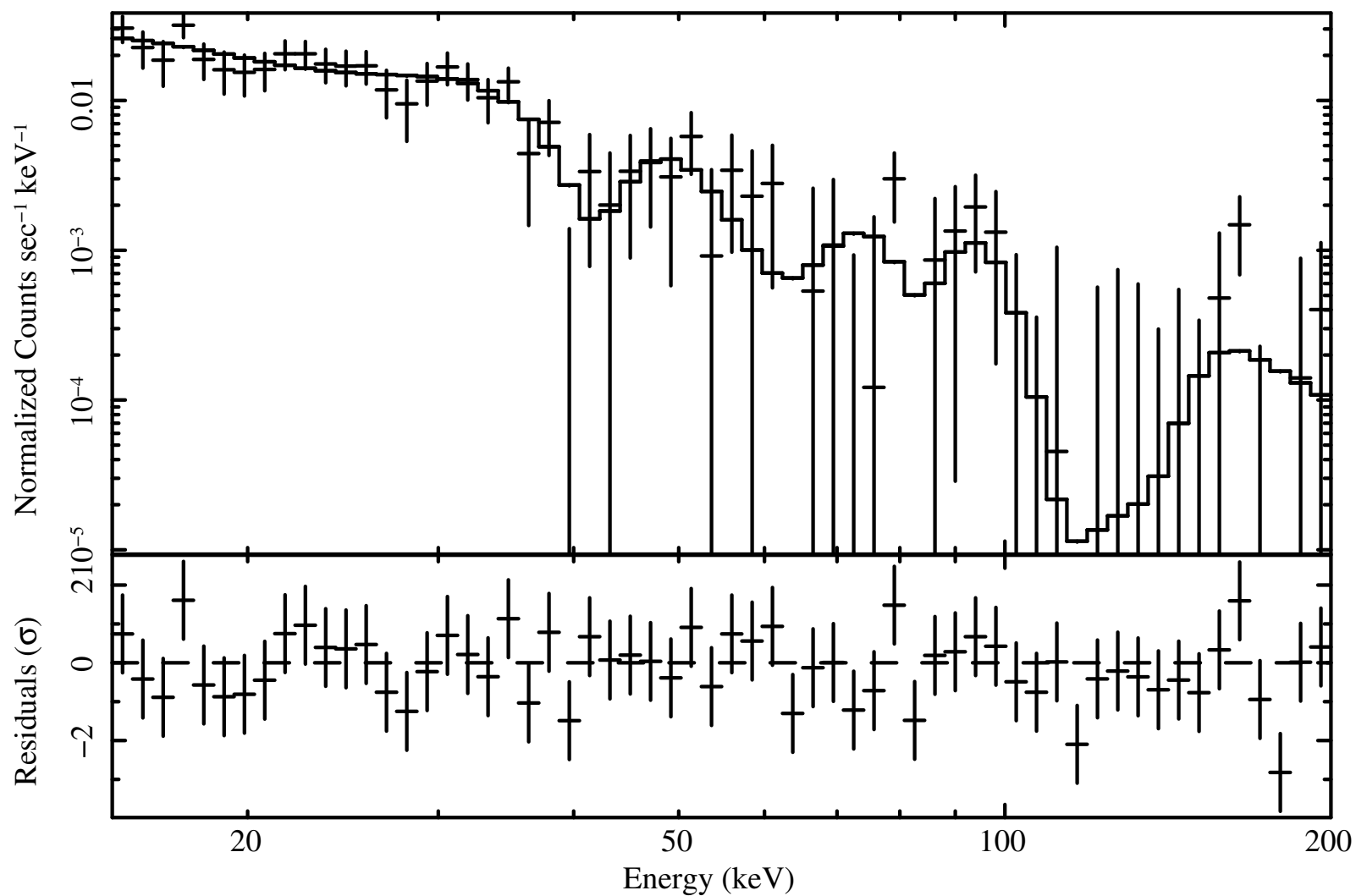
Concrete Projects

Area of Collaboration



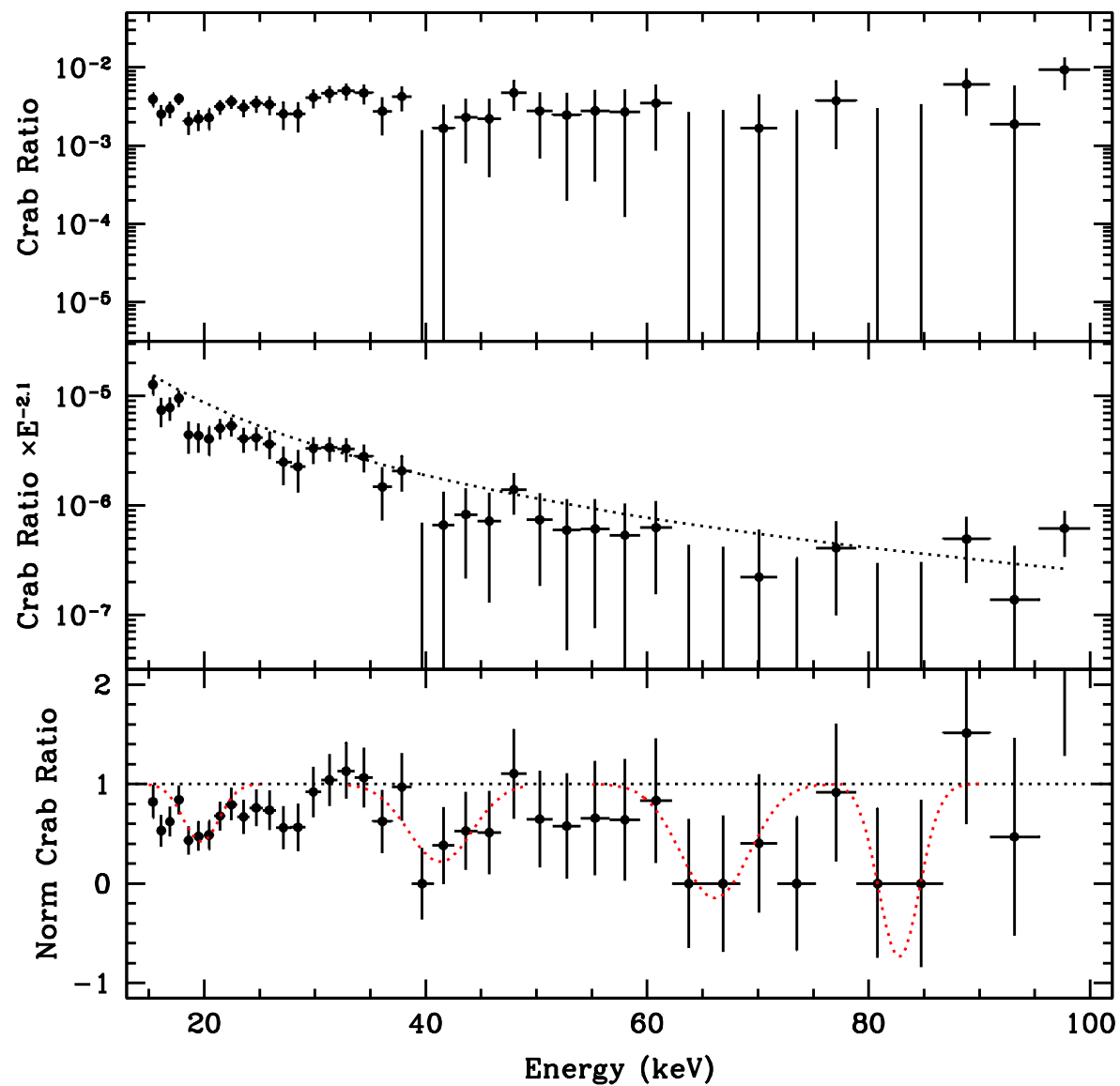
CRSFs in MAXI J1409—619

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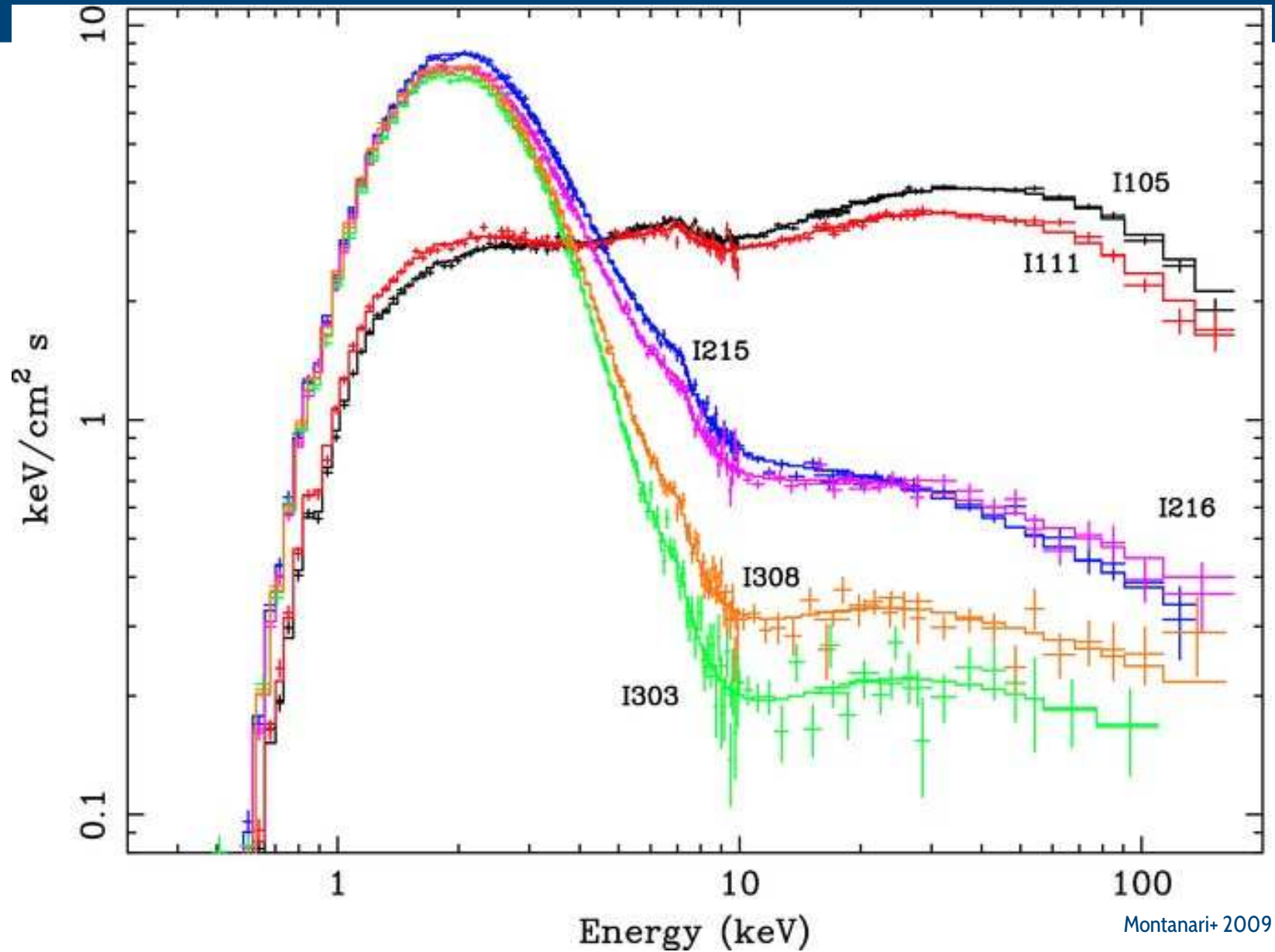
CRSFs in MAXI J1409—619

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XTE J1650—500 Spectral Evolution

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Montanari+ 2009

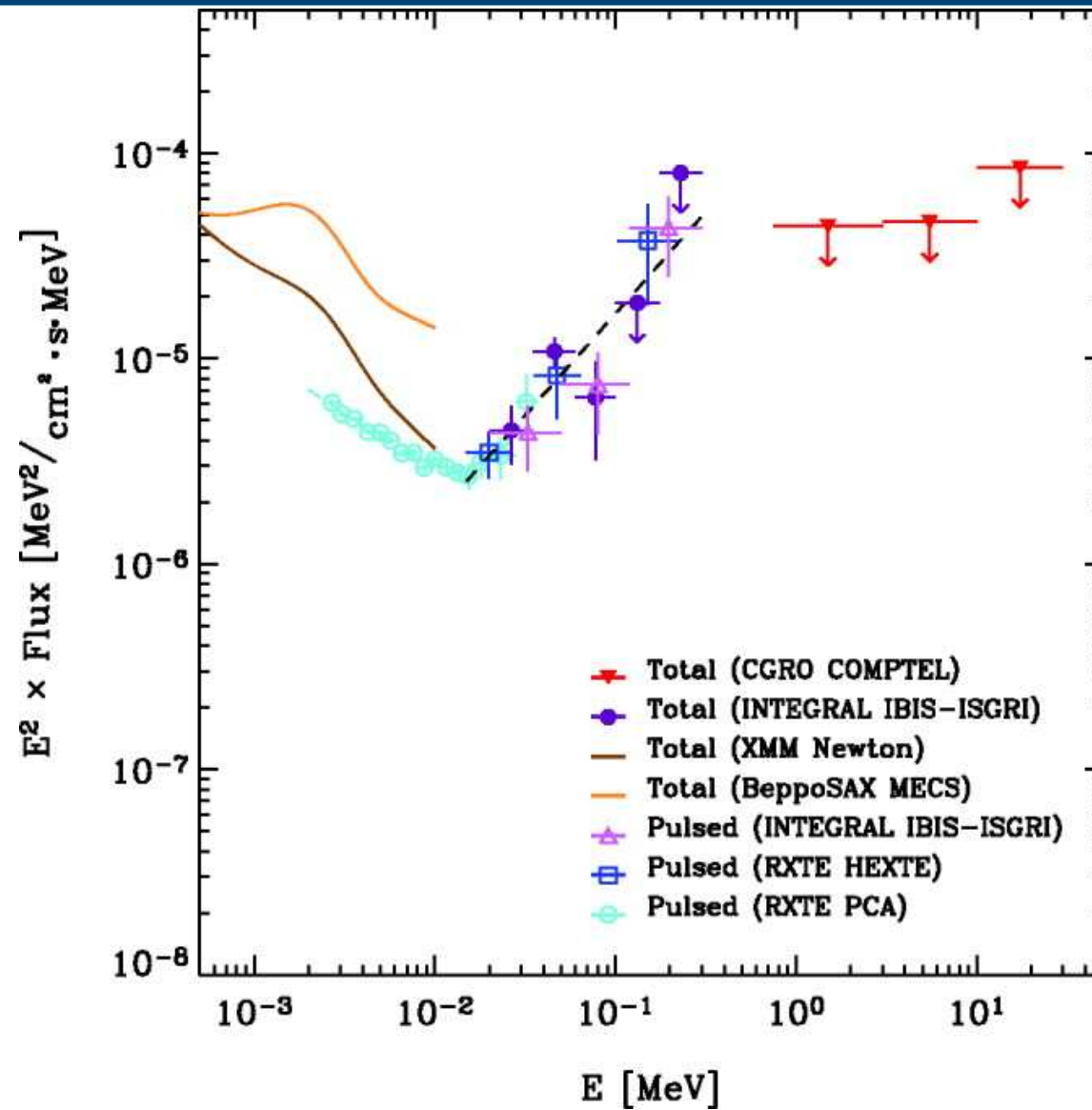
High Energy Tails in AXPs (1RXS J1708—4009)

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Kuiper+ 2006



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- ❑ Spectral and Temporal Studies of Compact Objects
- ❑ Gamma-ray Bursts



Research Interests

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- ❑ Spectral and Temporal Studies of Compact Objects
- ❑ Gamma-ray Bursts
- ❑ The High Energy Tail of AGNs



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- ❑ Spectral and Temporal Studies of Compact Objects
- ❑ Gamma-ray Bursts
- ❑ The High Energy Tail of AGNs
- ❑ X-ray Background

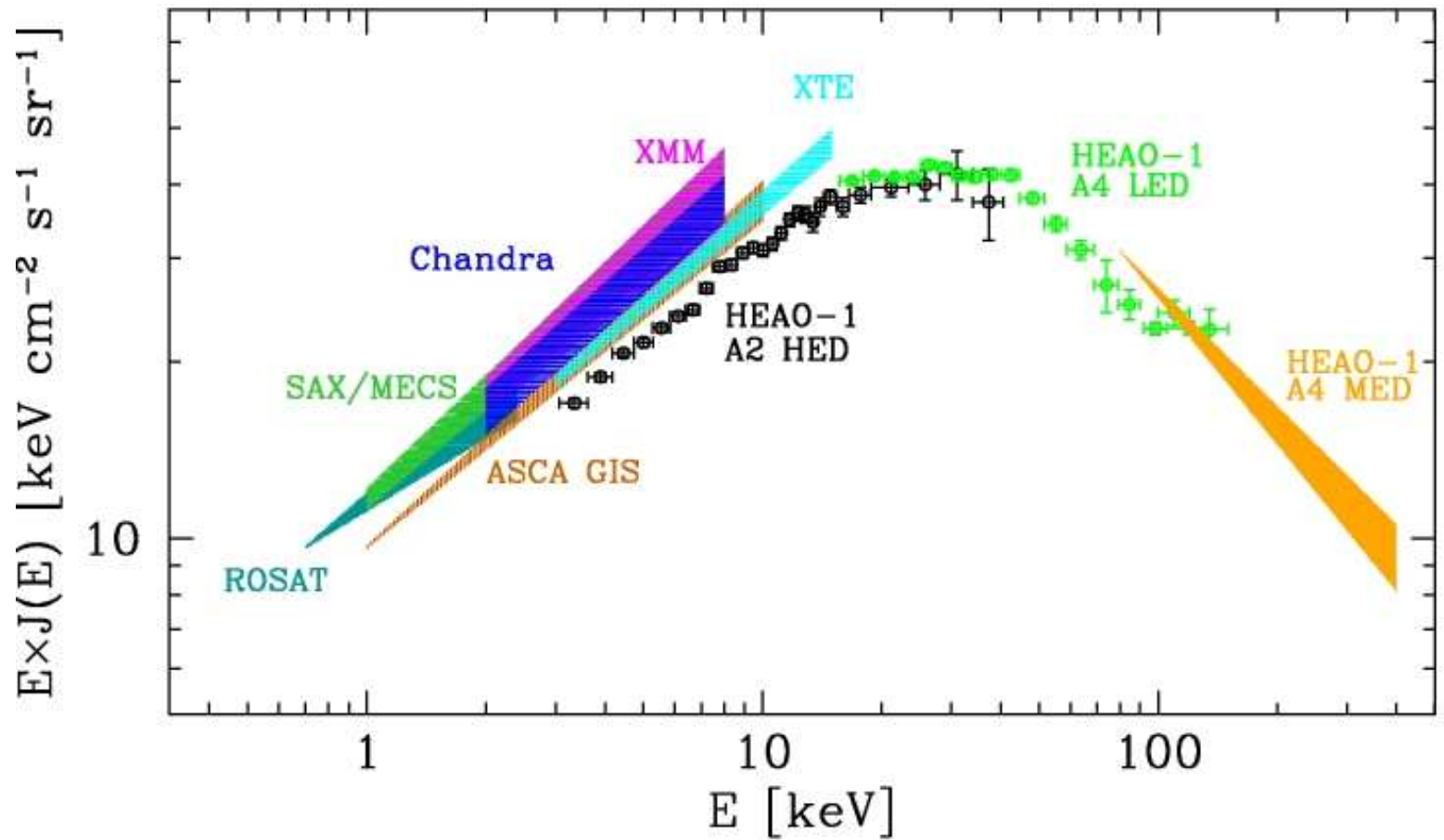
The CXB Measurement

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Frontera+ 2008

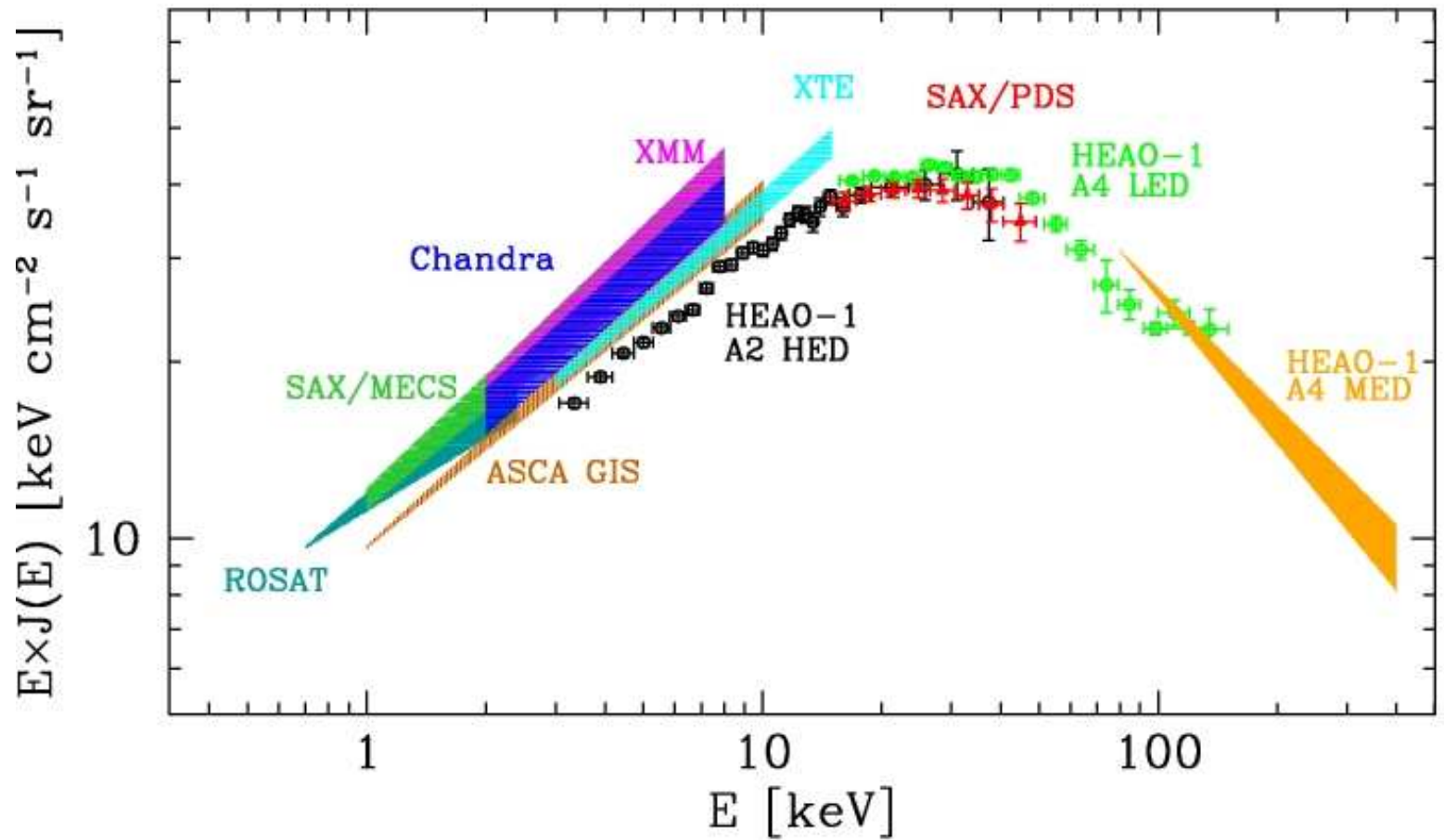
The CXB Measurement

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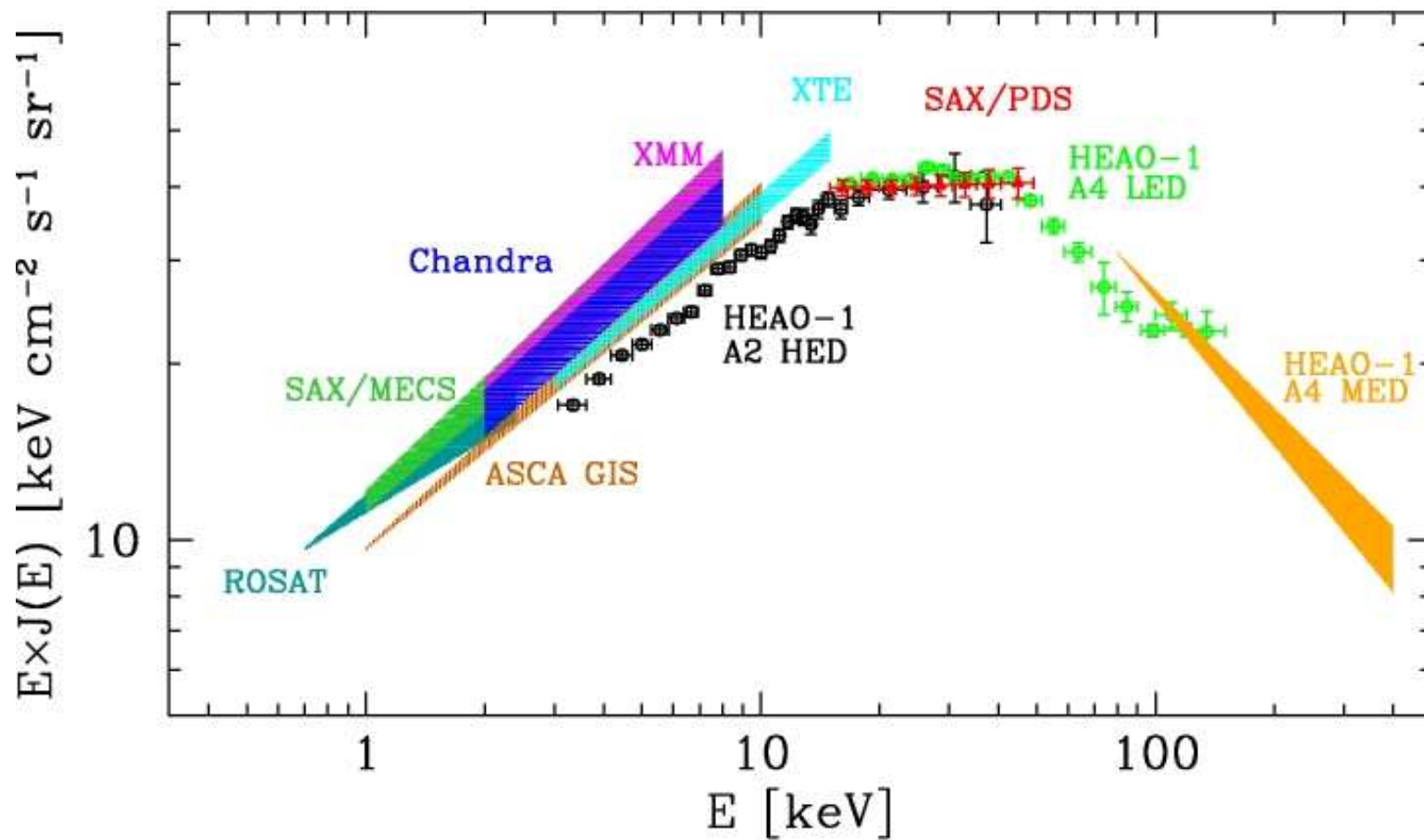
Area of Collaboration



Frontera+ 2008

The CXB Measurement

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Frontera+ 2008



Research Interests

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Area of Collaboration

- ❑ Spectral and Temporal Studies of Compact Objects
- ❑ Gamma-ray Bursts
- ❑ The High Energy Tail of AGN
- ❑ X-ray Background
- ❑ Transients and Multi-wavelength Follow-ups



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Calibration Activity



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☐ Calibration Activity

☐ Data Analysis



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- ❑ Calibration Activity
- ❑ Data Analysis
- ❑ Follow-up of (new) Transients



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Calibration Activity



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☐ Calibration Activity

☐ Data Analysis



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☐ Calibration Activity

☐ Data Analysis

☐ Software

Thank you!

