

X-ray study of new particle acceleration candidate, the bow-shock region in G70.7+1.2

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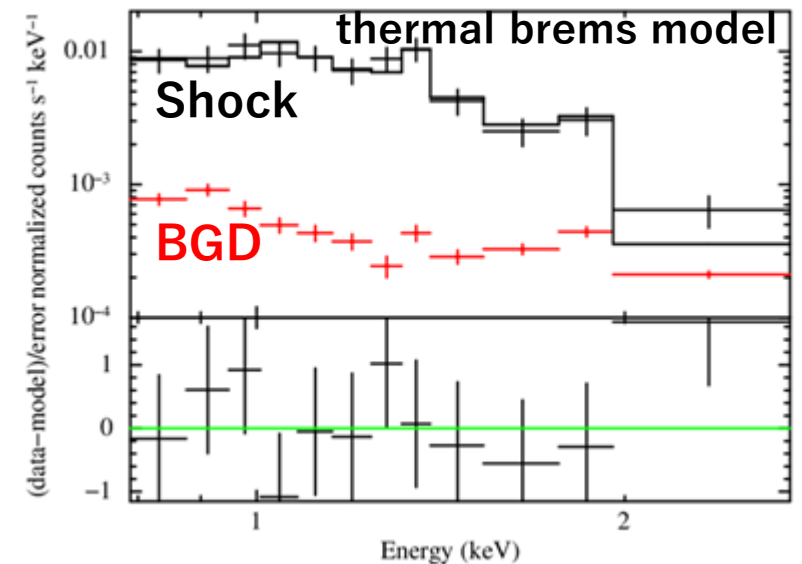
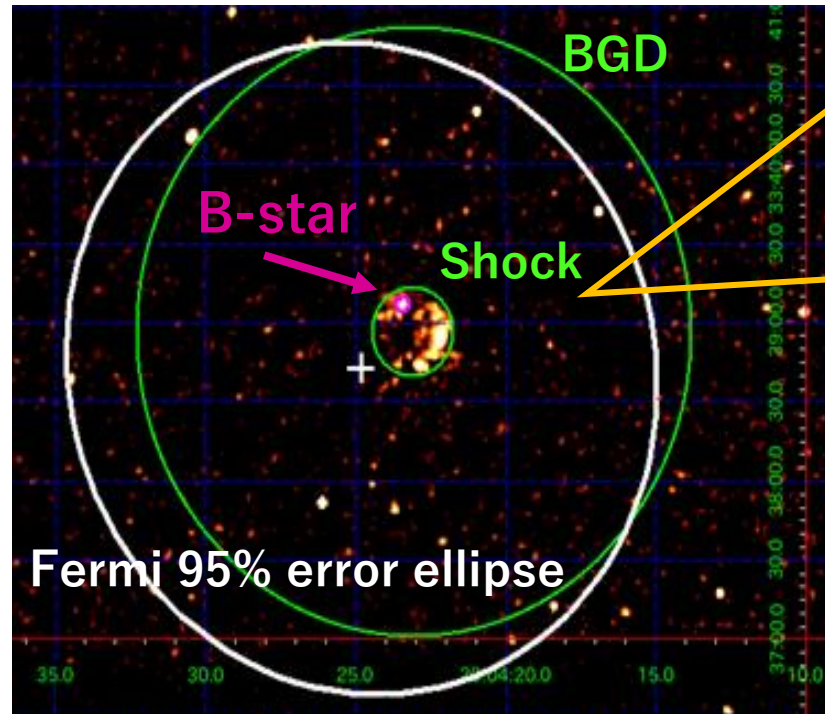
Question: New candidates of galactic cosmic-rays origins?

→ Shock regions of Runaway stars

- Fast moving OB-stars
- Similar to SNR's system

G70.7+1.2

- Unidentified source with Fermi-LAT
- A shell-like morphology with VLA
- it is not a SNR
- B-star ~ Runaway star?



Further discussion about this object at P-11

X-ray image and spectrum of G70.7+1.2 with Chandra