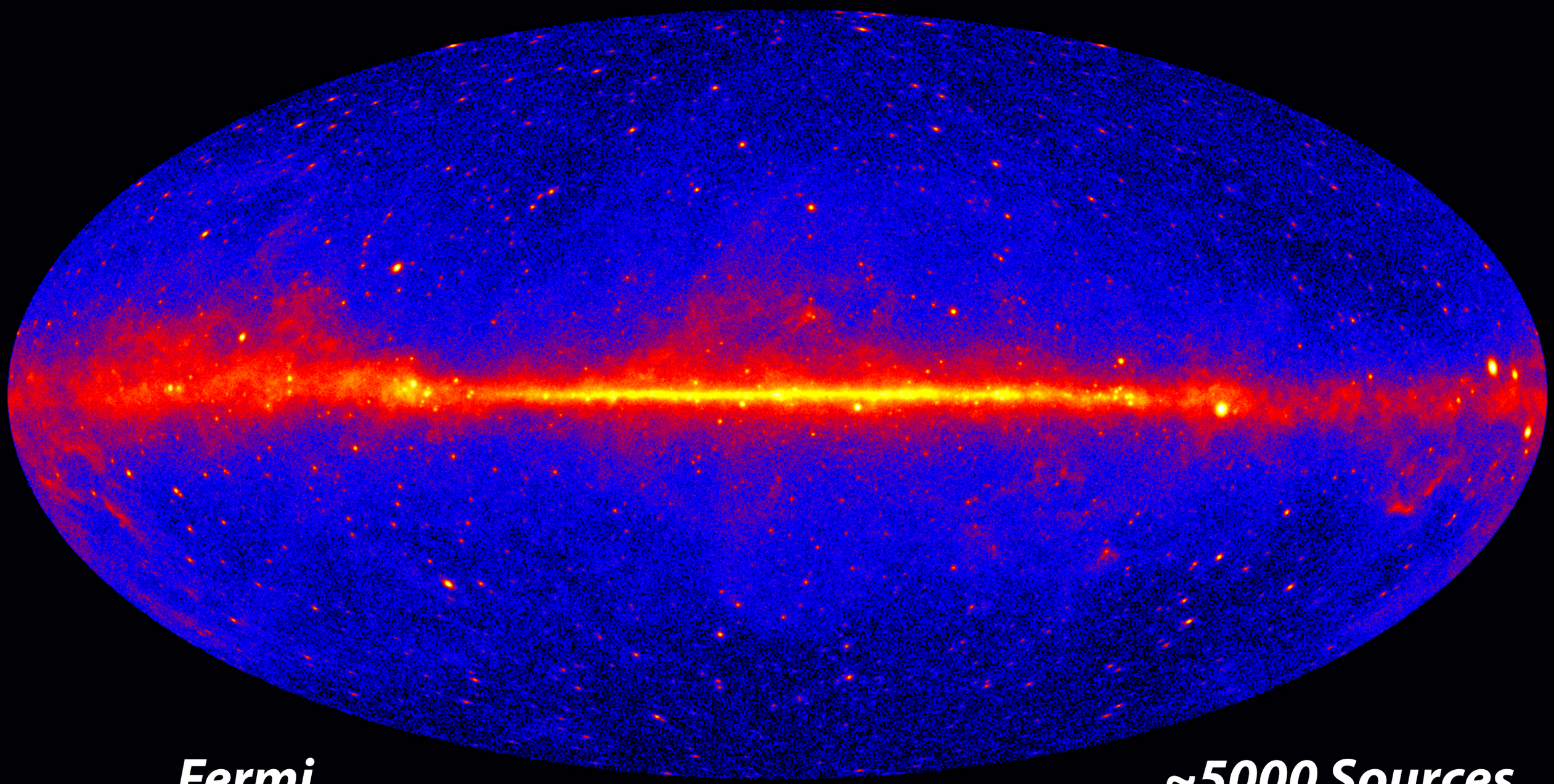
第二回MeVガンマ線天文学研究会

GeV Gamma-ray Sky

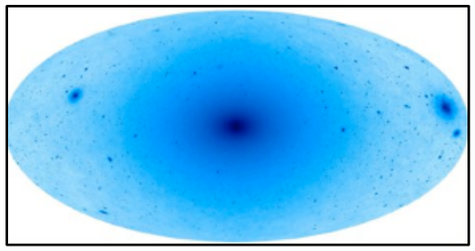


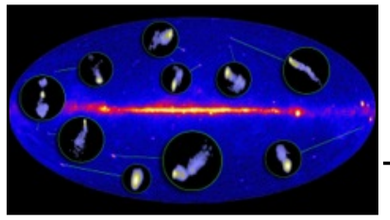
Fermi

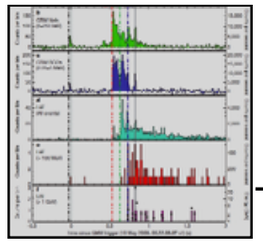
~5000 Sources

GeV Gamma-ray Objects

Dark Matter searches

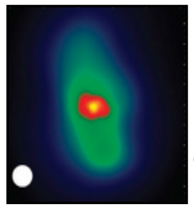




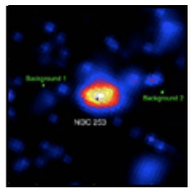


GRBs

Blazars

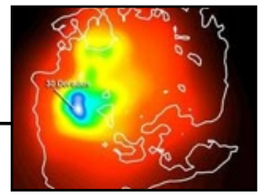


Radio Galaxies

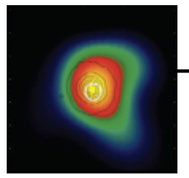


Starburst Galaxies

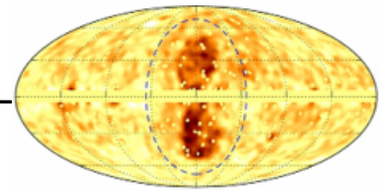
Extragalactic



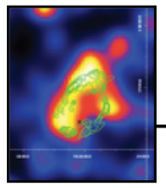
LMC & SMC



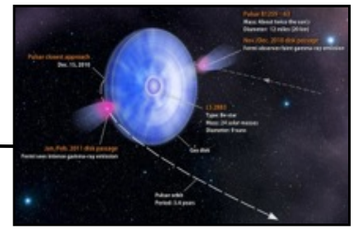
Globular Clusters



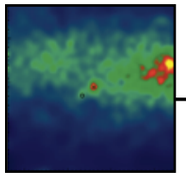
Fermi Bubbles



SNRs & PWN

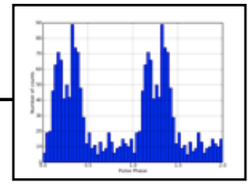


γ-ray Binaries

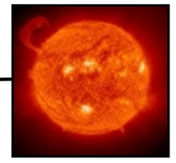


Novae

Galactic

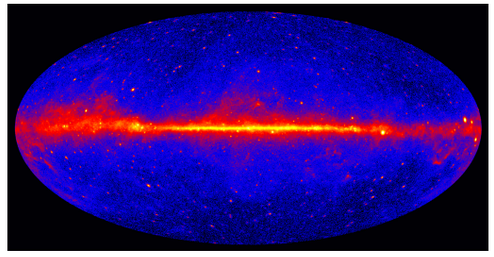


Pulsars: isolated, binaries, & MSPs



Sun: flares & CR interactions

Background

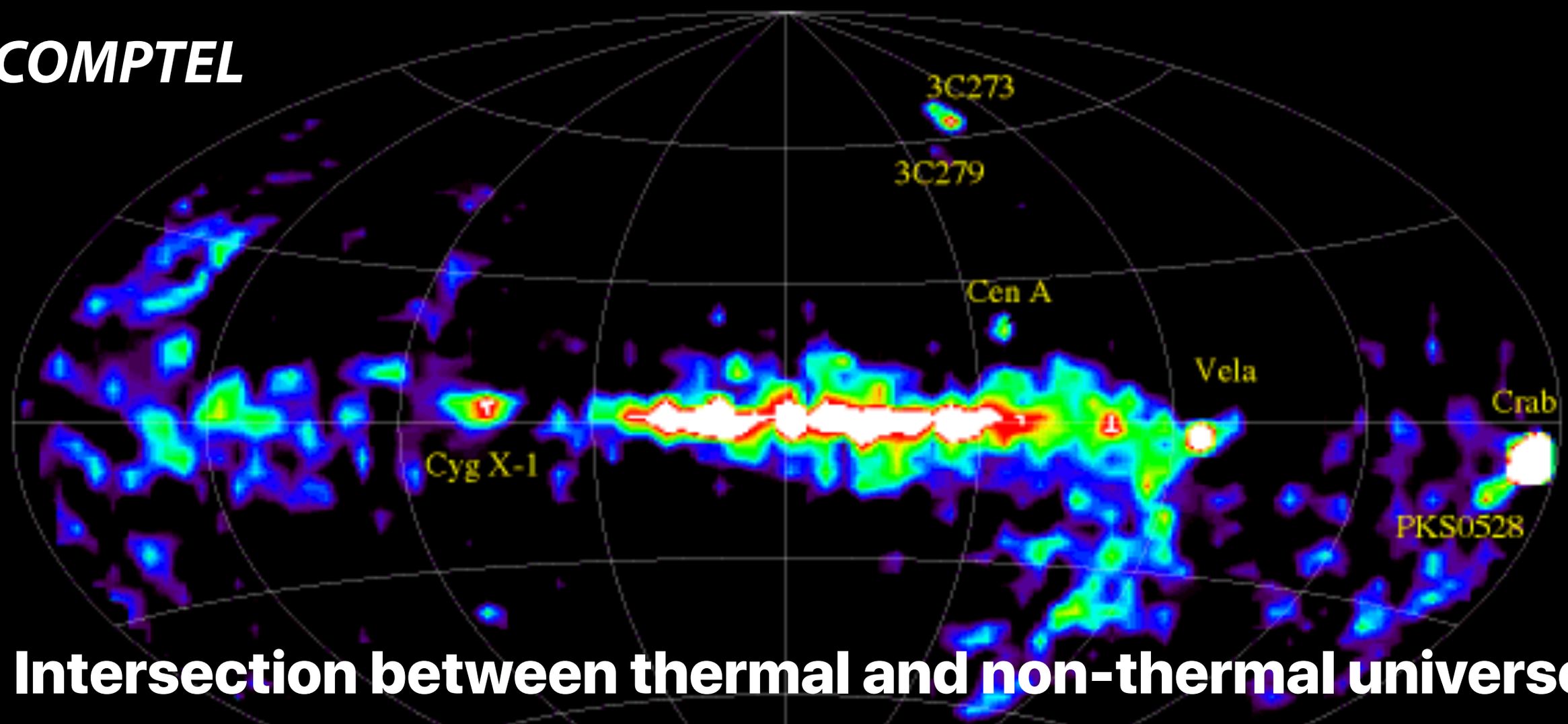


Terrestrial γ-ray Flashes

Unidentified Sources

© Racusin @ 6th Fermi Symp.

MeV Gamma-ray Sky



- **Intersection between thermal and non-thermal universe**
- **High Energy Astrophysics + Nuclear Astrophysics**
- **We should open the MeV window in the sky.**

MeV Gamma-ray Science

Gamma-ray bursts

Dark Matter

Seyferts

Blazars

Radio Galaxies

Starburst Galaxies

Type-Ia SNe

NS merger

Galactic Center

X/γ-ray Binaries

Pulsars & Magnetars

SNRs & PWN

Novae

See Talks by 信川、須藤、米田、當真、井上

also 第一回MeV 研究会スライド

MeV + Polarimetry Missions

- **SMILE**: 高田、吉川、谷森
- **SGD**: 内田、渡辺
- **GRAINE** : 高橋覚
- GRAMS: 荒牧
- LArGO : 田島
- ASTROGAM : 中澤
- AMEGO : 深沢
- **PoGO+** & XL-Calibur : 高橋弘充
- (敬称略)