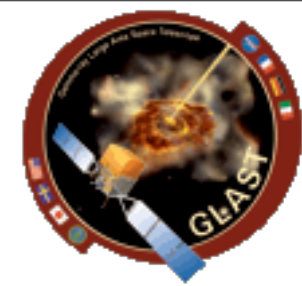




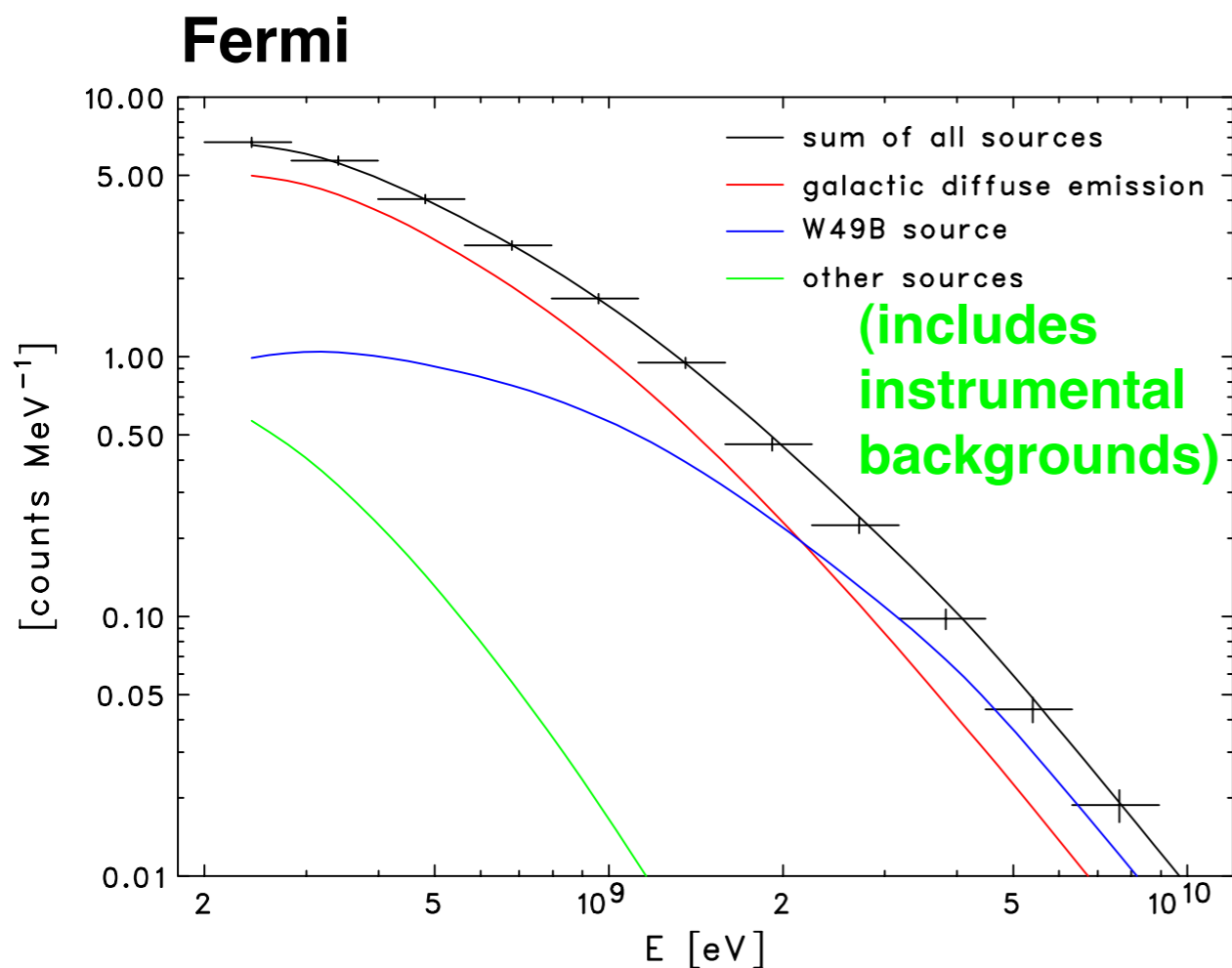
- ❖ **Fermi data access**
  - ❖ **First year: closed to public, Fermi members only**
  - ❖ **Second year and thereafter**
    - Photon data open to public as soon as the data is processed
    - Electron data is still Fermi members only
  - ❖ **Fermi authorship**
    - Full members can sign up for any Category I papers
    - Affiliated members (1/4 of all members) can sign up for papers that they are involved
    - More Category II papers (limited authorship) after one year
- ❖ **Advantages of open data access**
  - ❖ **More people to analyze data will increase chances of discoveries**
    - Fermi bubble is a good example
  - ❖ **Building community support for funding**
- ❖ **Disadvantages**
  - ❖ **Supporting is expensive (~\$10M/year)**
  - ❖ **Some paper with improper analysis**
  - ❖ **Takes time to deploy improved photon selection criteria**
    - Discouraging improvement of selection criteria



- ❖ **CTA plan to make the part of data public**
  - ❖ **Details are not ironed out yet**
- ❖ **CTA data access issues**
  - ❖ **CTA is not all sky survey instrument**
    - **X-ray satellite may be a good example: proposer has data right for one year. After one year, the data become public**
    - **Incentive for the instrument team?**
      - **Japanese X-ray satellite allocate the part of observation time (20~30%) to the instrument team**
      - **Good idea for obvious targets (GRB, famous gamma-ray source, blazar monitoring, key projects like Galactic plane survey)**
  - ❖ **Is funding agency willing to pay for support cost like NASA?**
  - ❖ **Event selection, data analysis may not be straight forward due to large background**



- ❖ **IACT (CTA, HESS) suffers large cosmic-ray backgrounds**
  - ❖ **Zenith angle dependence**
  - ❖ **Some X-ray instruments have similar issues with large backgrounds**



Data access issues for Fermi and CTA  
CCAPP Symposium 2011, APR 4–6, 2011, Columbus, Ohio USA

