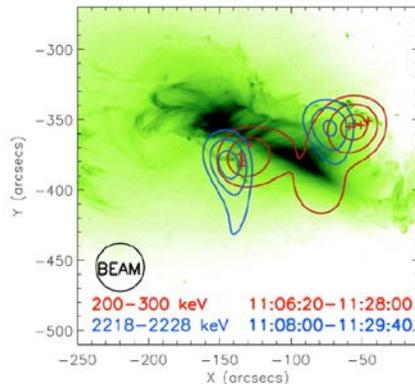




# Gamma-Ray Imager/Polarimeter for Solar flares (GRIPS)

- Antarctic long-duration balloon flight this December!
- New science
  - Image signatures of flare ions 3× better angular resolution to address unexplained spatial separations between ions and electrons
- New technologies
  - 3D position-sensitive germanium detectors
  - Multi-pitch tungsten grid for indirect imaging of gamma rays
- Next step towards a new mission



RHESSI was only able to image the 2 flare loop footpoints in 2.2 MeV for 1 large flare.  
(this image is ~20 Earth diameters across)



Successful integration and test in August