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Monitoring the Sky at soft Gamma-ray Energies with CGRO/COMPTEL for nine Years

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The COMPTEL experiment aboard Compton Gamma-Ray Observatory (CGRO) explored the MeV sky (0.75 - 30 MeV) for more than 9 years between April 1991 and June 2000, providing a wealth of discoveries. Now, more than 16 years after the deorbit of CGRO, the COMPTEL data are still the forefront of our knowledge on the non-thermal soft gamma-ray sky (1 - 30 MeV), because no successor is operating.

The COMPTEL source catalog (Schönfelder et al. 2000) lists 32 steady sources, which raised to more than 40 sources up to now, the majority in source type are blazars. We will summarise the observational status (source counts, spectra, light curves) of COMPTEL sources at soft MeV energies with emphasis on blazars, including multifrequency spectra for selected sources. We'll also present new developments in the still ongoing COMPTEL data analyses, focusing on polarization and state-of-the-art imaging techniques, and their scientific perspectives.

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