

**ESP-spectrum-StereoA (unical\_esp\_stra\_spectrum.json):**

Proton energy spectra events observed from Stereo-A spacecraft. The data used to calculate the energy spectra were taken from the SEPT, LET and HET telescopes in the energy range (84.1 keV – 100 MeV), with a resolution of 1 minute (URL:<https://izw1.caltech.edu/STEREO/>).

Columns:

- 1) the geometric mean energy (MeV);
- 2) the time averaged differential fluxes of energetic particles ( $\text{cm}^{-2} \text{s}^{-1} \text{sr}^{-1} \text{MeV}^{-1}$ ), calibrated where necessary, calculated over 3 hour intervals around the shock arrival;
- 3) the name of the spacecraft.