

This contribution is about galactic cosmic-ray (GCR) hydrogen spectra in the 40-300 MeV range measured by the High-Energy Particle Detector (HEPD) on board the CSES-01 satellite during the current solar minimum

- ❑ It is interesting because it is the first measurements of GCR protons in the energy range  $< 100$  MeV and during this 2018-2020 period
- ❑ We used a rigidity cutoff map (Tsyganenko 89) to isolate galactic particles and employed the good capabilities of HEPD in particle identification to obtain 3 clean proton spectra (one every 6 months)
- ❑ We have also compared our results with the HelMod model in the same period