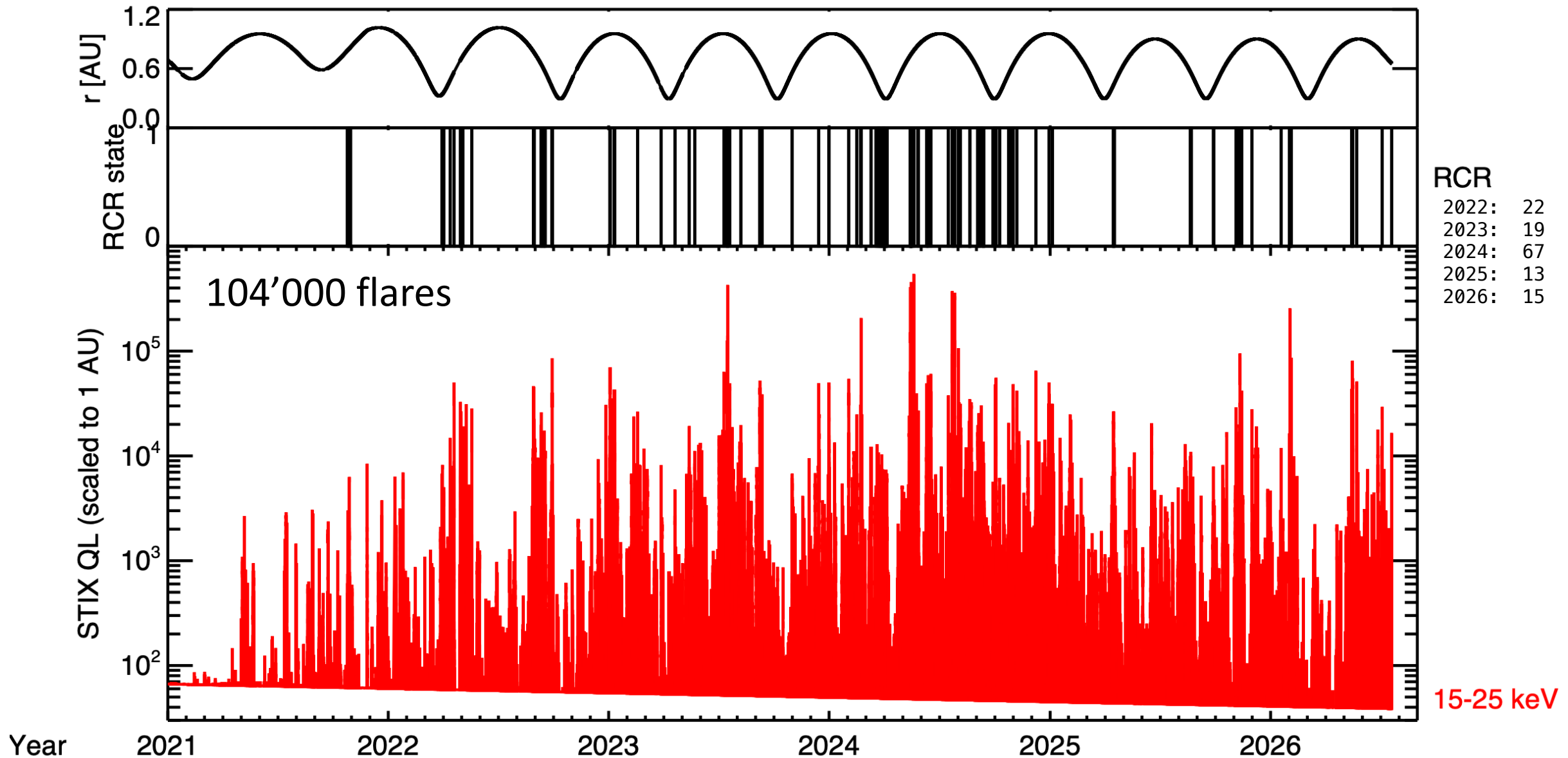


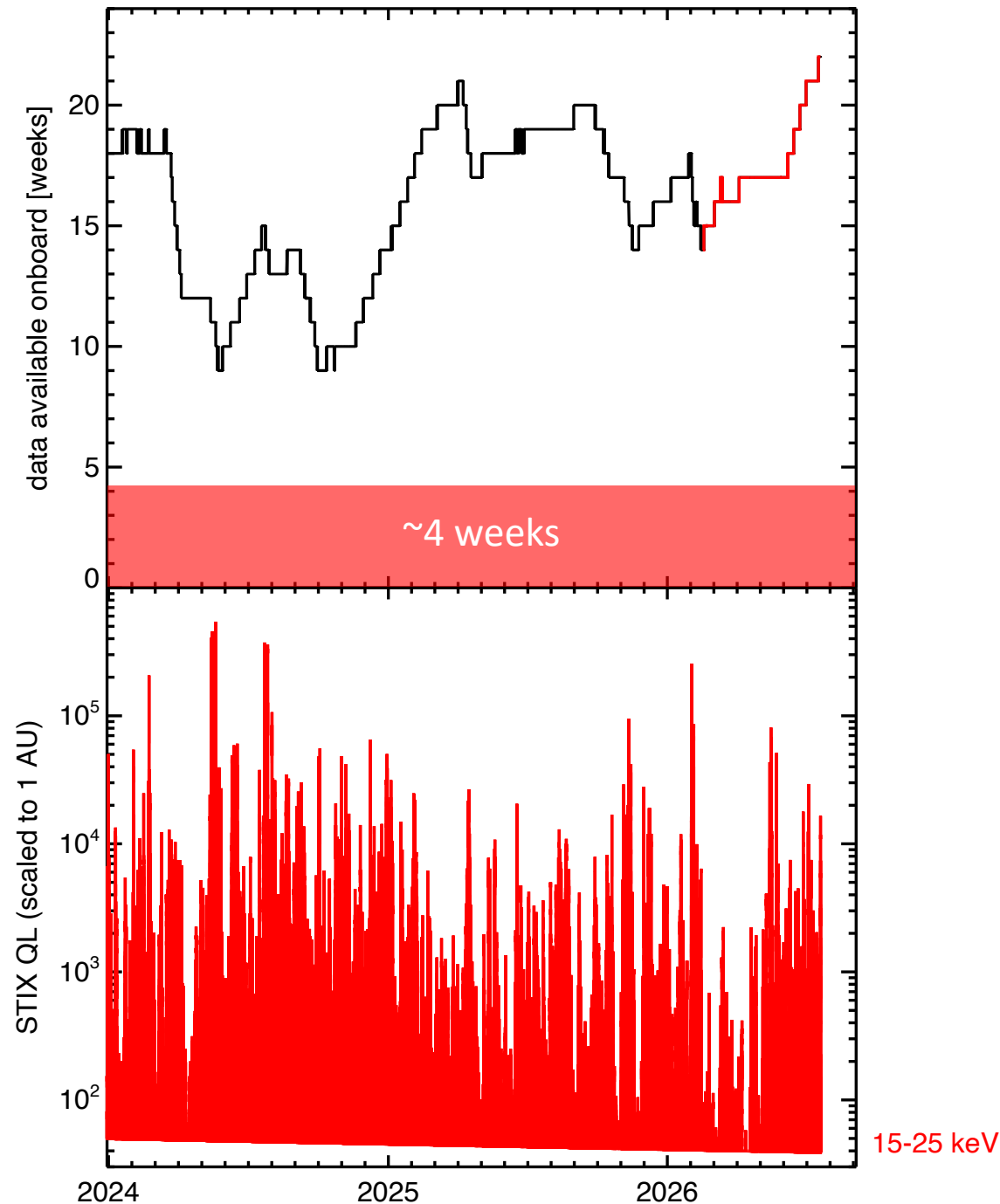
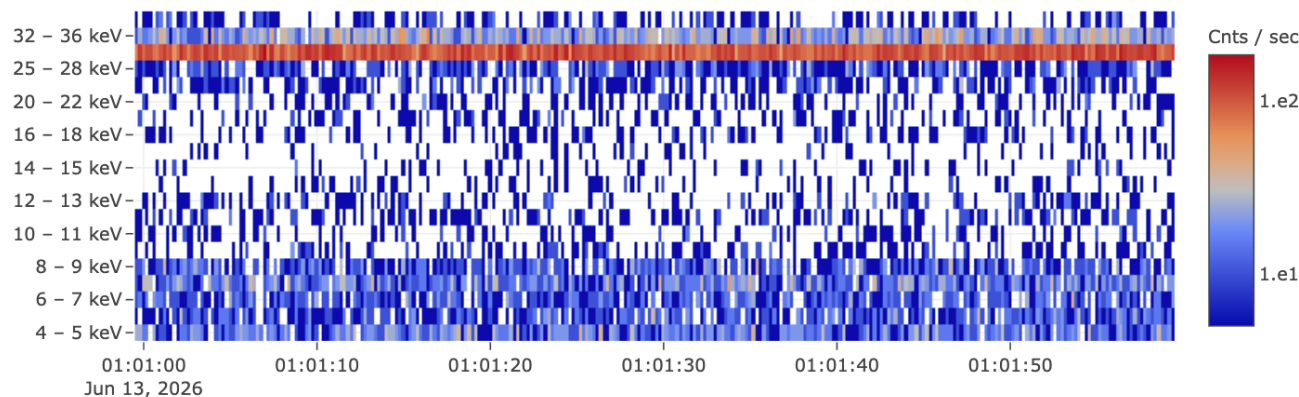
STIX update (Dublin, 22 July 2026)



STIX operation

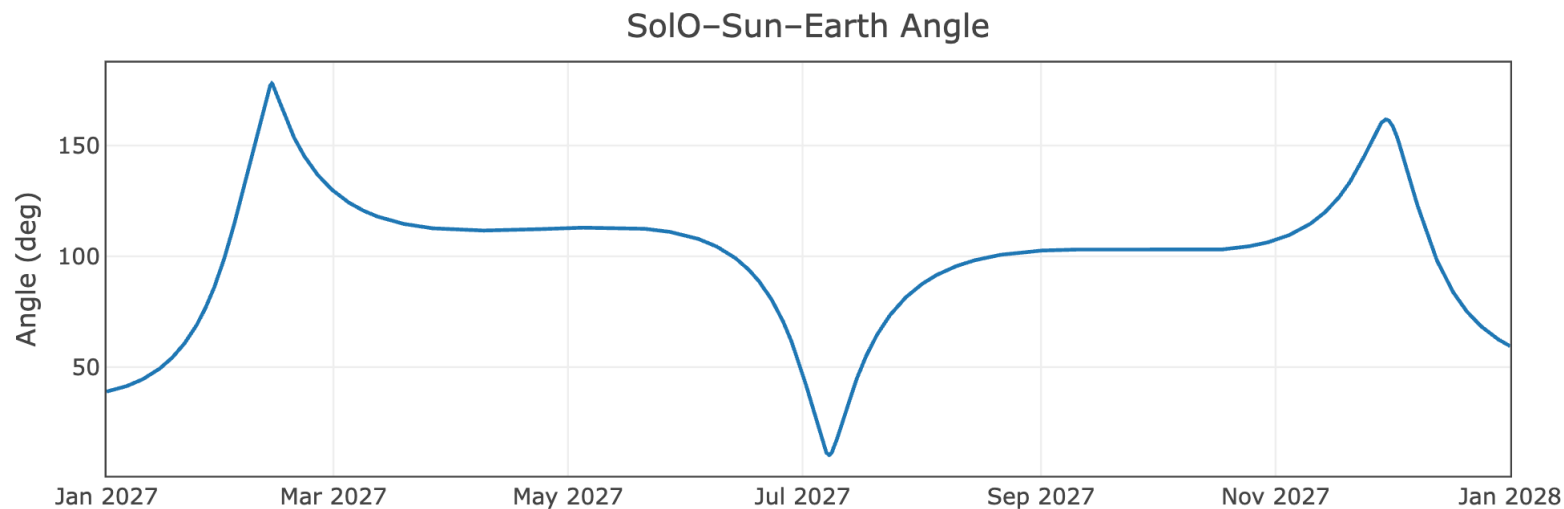
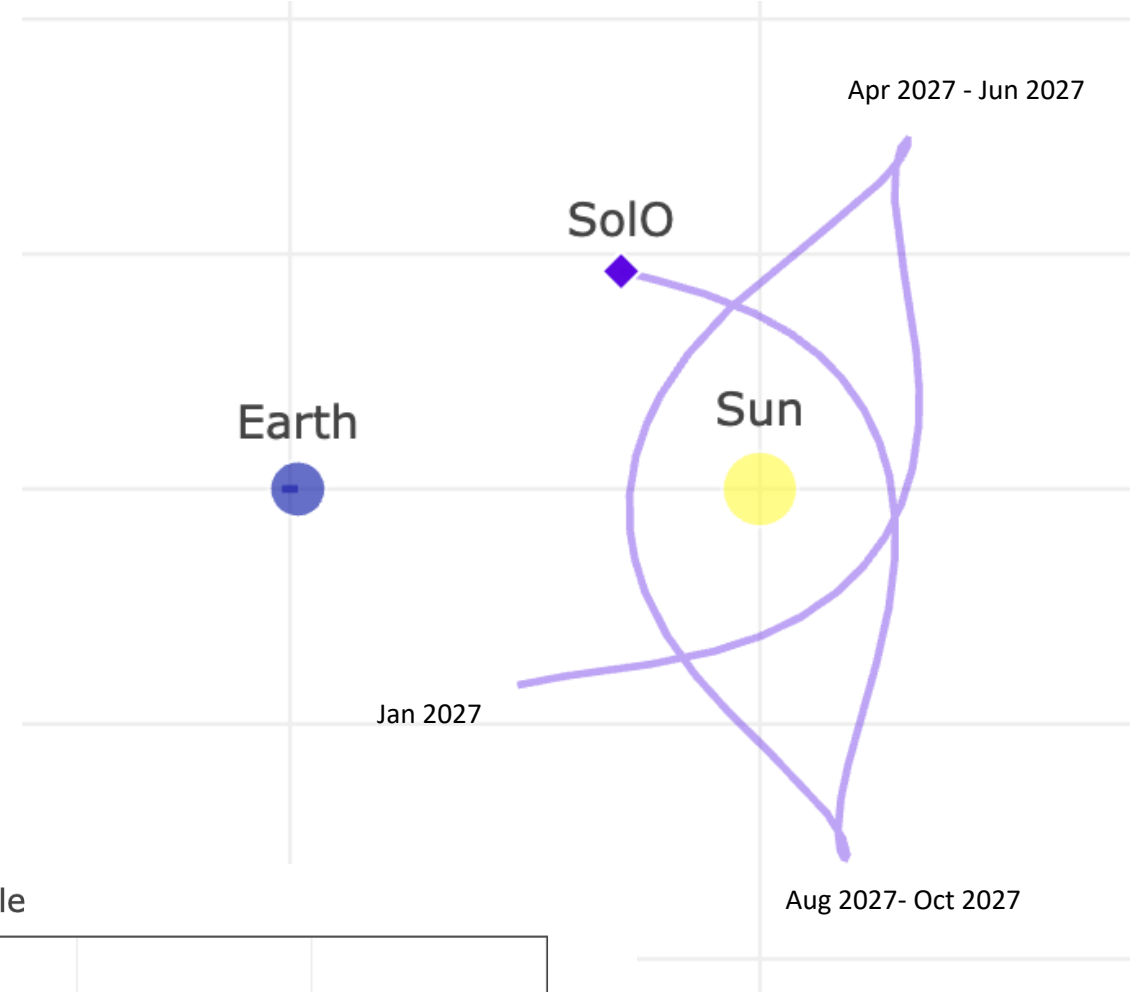
- nominal operation without anomalies
 - currently 22 weeks in memory
 - no FSW update planned
- in 0.3 s minimum time cadence as of July 5th
- 0.2 s fixed cadence test: no large flares
- Flare campaigns on Aug 18, 19, and 20
 - 4 hours + ~4 hours waiting for STIX trigger
 - triggered flare will overwrite previous data
- Solar Orbiter mission extension was approved

0.2 s fixed (pixel data summed)



Orbit in 2027

- after Venus gravity assist in Dec 2026
 - Unique constellation with separation angle around ~ 100 degrees for about half of 2027
- Science
 - Directivity
 - 3D flare loops
 - STIX limb/occulted flares with magnetic field extrapolation derived from Earth (Muriel's talk)



STIX Science

- ~81 papers (STIX in abstract on ADS)
- STIX instrument paper has 286 citations
- Statistical studies should be given high priority

Next talks

- Detector update → Olivier's talk
- Calibration update → Paolo's talk
- Sunpy & pipeline update → Shane's talk
- Aspect update → Frederic's talk

