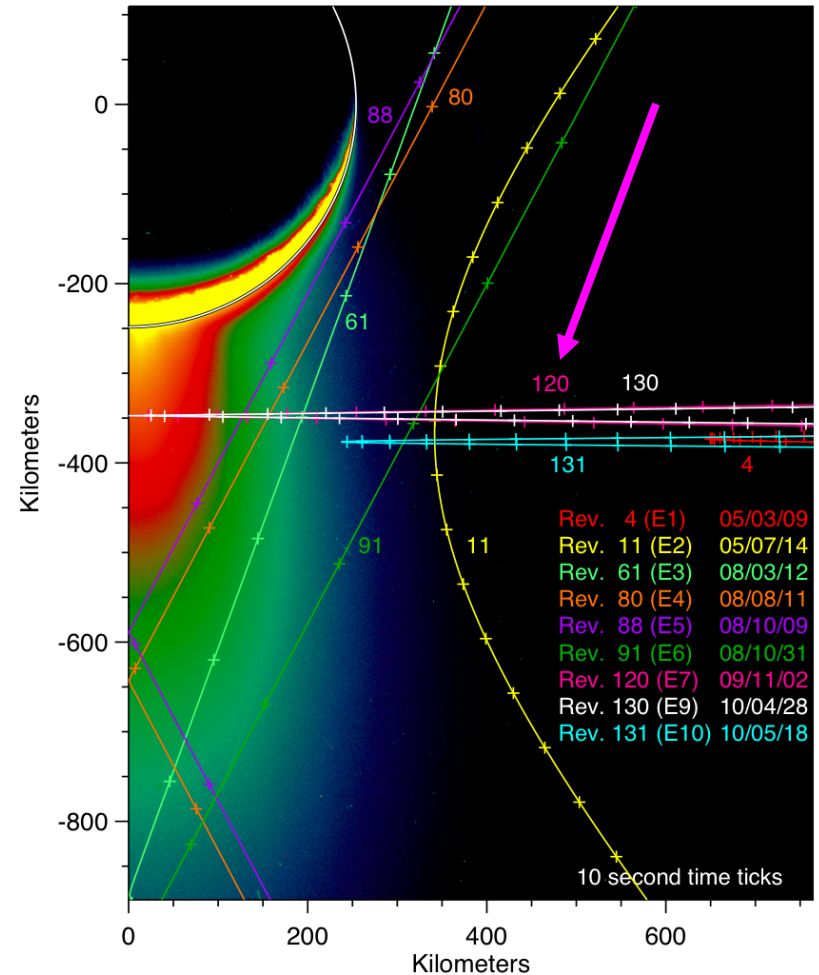


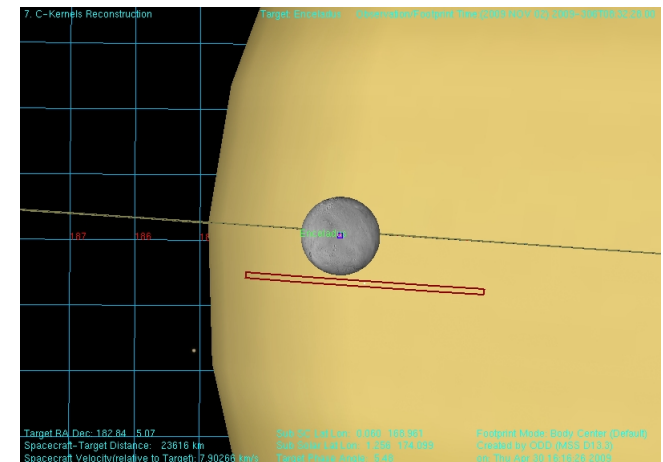
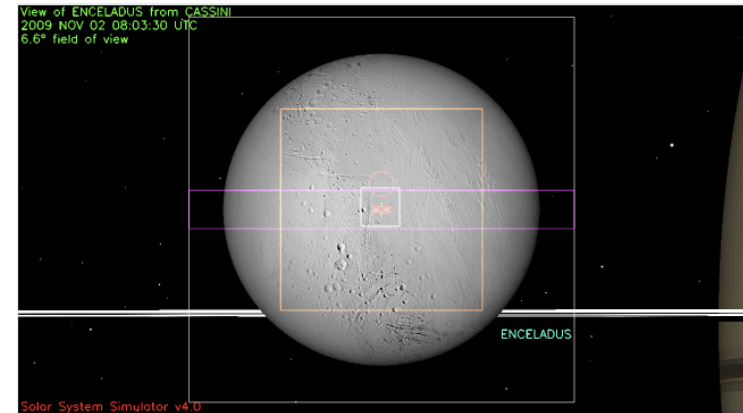
# S54: Icy Satellite Science Overview

- E7 (120EN) is the deepest plume passage yet!
  - 100 km flyby
  - MAPS prime at C/A
- Rev 119 includes good non-targeted opportunities



# 120EN science activities

- High phase inbound:
  - plume obs
  - Radar
- MAPS prime at C/A
  - Highest sensitivity measurements yet
- Low phase outbound:
  - CIRS map
  - UVIS
    - Unique opportunity to measure gas plume against Saturn disk



# Rev 119: nice non-targeted opportunities near periapsis (unique geometries)

- CIRS\_119RH\_FP1SECLN003\_PRIME
- ISS\_119EN\_PLMHRHP001\_PRIME
- VIMS\_119RH\_RHEA001\_PRIME
- ISS\_119TE\_GEOLOG001\_PRIME
- ISS\_119MI\_LOWPHASE001\_PRIME
- ISS\_119EN\_LOWPHASE001\_PRIME
- ISS\_119TE\_LOWPHASE001\_PRIME