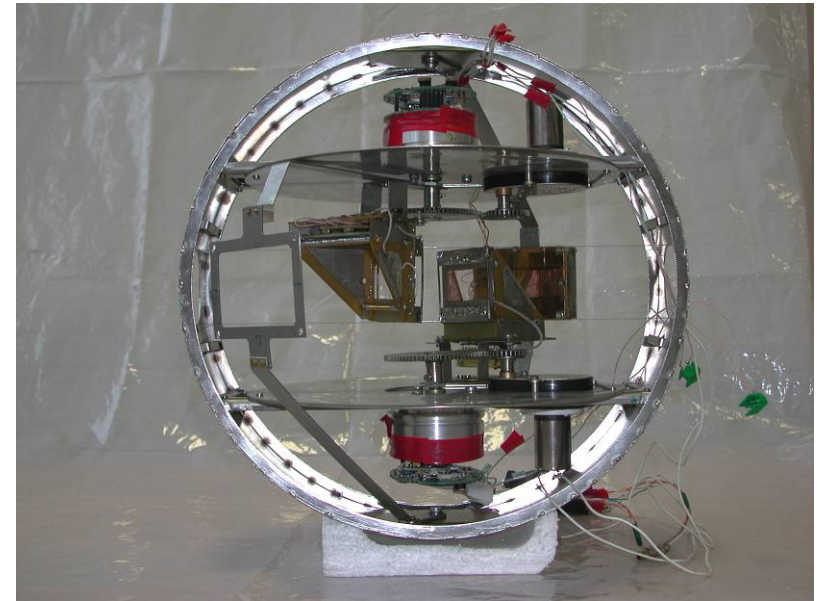


Ancillary Detectors - CORSET

■ Characteristics

- Time resolution $\Delta t \sim 120\text{--}180$ ps
- Mass resolution $\Delta A \sim 1.5$ amu
- TKE resolution $\Delta E \sim 1$ MeV
- Start-Stop distance ~ 10 cm
- Angular resolution
 - $\Delta\theta \sim 0.3^\circ$
 - $\Delta\varphi \sim 0.3^\circ$
- Solid angle of each arm
 - $\Omega \sim 150$ msr
- Angle in the reaction plane
 - $\theta = 65^\circ \pm 13^\circ$
- Angle out of the reaction plane
 - $\varphi = \pm 10^\circ$



■ Configuration I