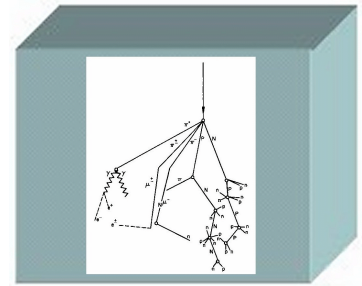




CosmicSat

Objective:

Determination of cosmic ray flux in upper atmosphere



Requirements:

- Mass = 1.5 kg per school
- Detectors and counting circuitry
- Payload must survive low temperatures/pressures and high stresses

NASA Benefit:

Demonstrates ability to measure cosmic radiation in Mars-like environment, which would be critical for long-term stays on the Martian surface.

NASA Contacts:

Possibly Anthony Colaprete