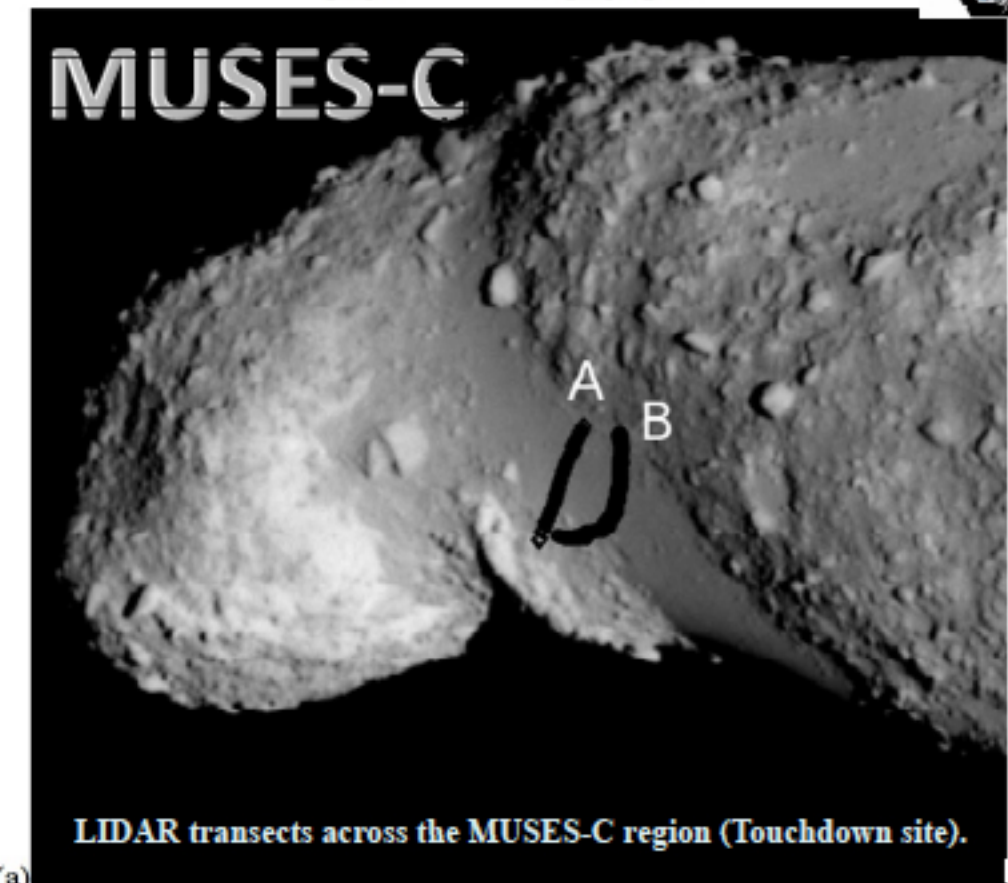
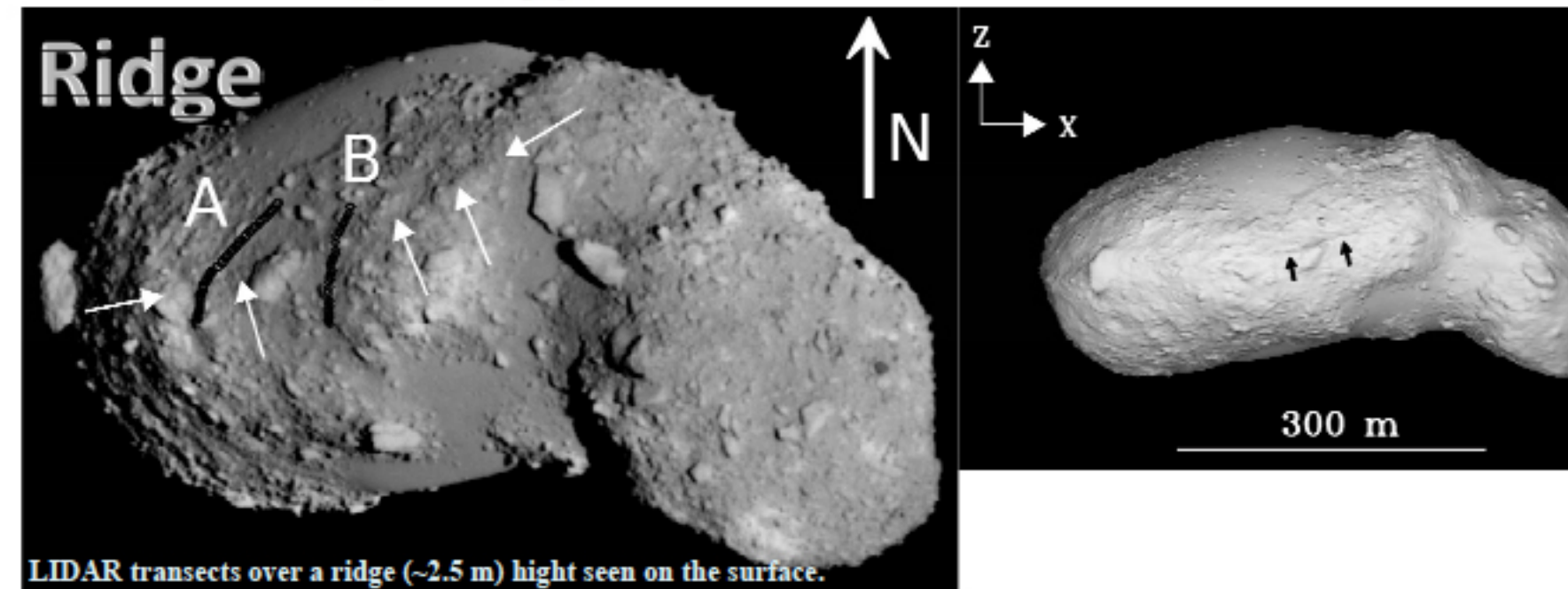


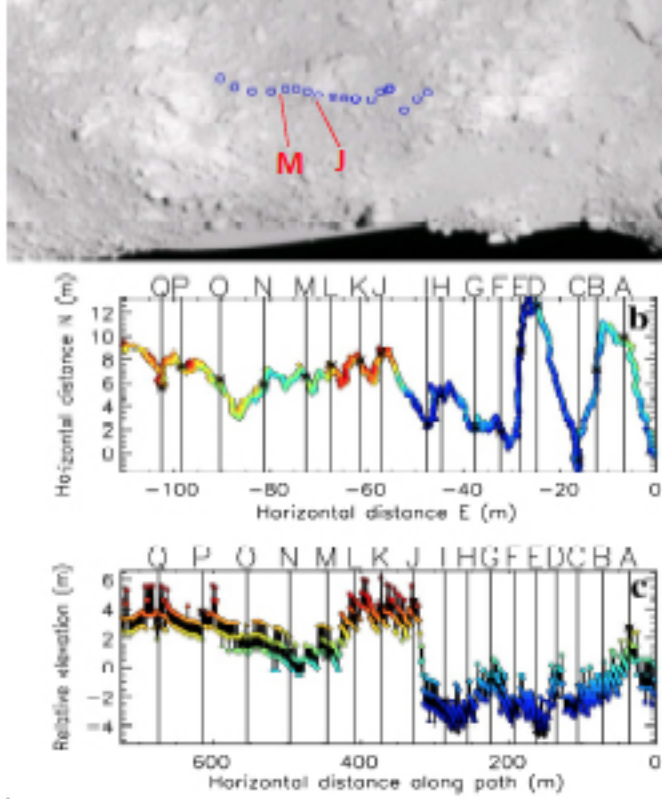


LIDAR (Light Detection And Ranging)



Parameter	Specification
Measured range	50 m ~ 50 km
Accuracy	± 1 m @ 50 m ± 10 m @ 50 km
Pulse rate	1 Hz
Wavelength	1064 nm
Pulse energy	8 mJ
Pulse width	14 nsec
Spread angle	φ 0.5 mrad (1/e ²)
Beam angle	1.7 mrad (0.097°)
Beam diameter	85 m @ 50 km, 1.7 m @ 1 km
FOV of receiver	φ 1 mrad
Receiver	Cassegrain, φ 126 mm, SiC
Mass	3.7 kg
Electric power	17.0W (+LD heater max 5W)
Size	240 mm × 228 mm × 250 mm
Radiator	240 mm × 300 mm

Tsukuba region



Tanegeshima

