

Spectroscopy of near-earth asteroids 1998 SF36

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We performed the visible spectroscopy of Near-earth asteroid 1998 SF36, which is the target body of MUSES-C mission, using Subaru telescope equipped with FOCAS on Dec.31 in 2000. Wavelength range is from 400nm to 900nm with about 2nm resolution. We report the result of the observation. Slope of the obtained spectrum of the reflectance is steep, 1micron absorption band around 1-micron meter does not exist or it is week. Comparing this spectrum with those of standard asteroids, it is considered that taxonomic type of 1998 SF36 is D-type, S-type, or T-type, and that most probably D-type.

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