

Data Release of Asteroid 162173 Ryugu by Observation of Thermal Infrared Imager onboard Hayabusa2

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The thermal infrared imager (TIR) onboard the Hayabusa2 spacecraft performed thermography of the asteroid 162173 Ryugu through in-situ observations from 2018 to 2019. The primary purpose of TIR is to determine the global thermophysical properties of the asteroid and to reveal the evolutionary history such as physical properties of the coalesced bodies, orbital changes due to radiation force, and the thermal evolution. This study introduces observed data of TIR and public data for scientists. The data are released by JAXA data archives (DARTS) and NASA PDS.

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