

The BepiColombo Radiation Monitor (BERM)

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Abstract

This paper will present results of the preliminary calibration activities of the BepiColombo Radiation Monitor (BERM) instrument onboard BepiColombo.

Although the Radiation Monitor is not part of the scientific payload, the data from the unit can be used to complement the scientific investigations of the hermean environment. Therefore, the data of the BERM instrument will be archived along with data from scientific measurements. It is foreseen to provide auxiliary data products such as radiation flux rates at detectors and critical electronics of scientific payload onboard BepiColombo.