## Initial calibration of the LEPe instrument onboard the ERG spacecraft

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It is known that a quantum efficiency of a micro-channel plate (MCP) highly depends on its surface properties, and thus the efficiency can differ by each individual MCP and even by the position of the MCP. However, absolute efficiency measurement is difficult because a beam intensity for the test cannot be absolutely calibrated or evaluated. Therefore, in-flight calibration is needed to obtain physical quantities such as electron fluxes from MCP's electron signals. For the initial calibration of the low-energy electron instrument LEPe onboard the ERG spacecraft, we made 1) relative count correction between MCP anode channels, and 2) estimation of efficiency's energy profile. The calibration results have been applied to LEPe measurement data, and calibrated LEPe Level2 data are available on the ERG Science Center's web pages.