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Electromagnetic Calorimeter of the MPD at NICA

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ECal type “shashlik” having sampling 300 micron Pb and transverse cell size ˜4x4 cm2 has the ability to measure energy with the resolution up to 5% in the range of energy at NICA.
Due to not fully projective geometry of the detector (the reason is the large scatter of the interaction point), in certain cases, a correction of the hit position depending on the interaction point is needed. As an example, it is shown that using this correction when restoring $\pi 0$ can reduce the sigma in two times.
It found an easy method to calibrate calorimeter using cosmic muons.

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