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Particle Identification with Incoming Beam using S8 and POS Detectors

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This work presents the analyzing of the run file 480 with a secondary beam 24O at the energy 490 AMeV using the time of flight between S8 and POS detectors. In order to explain the strange structure in the plot charge vs. mass (which appears as column in the middle and at the end of the plot) a script for the charge identification has been written. By switching off one of the photomultiplier of S8 the fragments are reconstructed and compared with the results of Land02.

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