

Abstract Submitted
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Geant Simulation of a Fission Fragment Spectrometer WILLIAM MOORE, UWE GREIFE, LUCAS SNYDER, Colorado School of Mines — A dual arm, time of flight, fission fragment mass spectrometer has been simulated using Geant to determine if any improvements in mass resolution will be achieved by using a segmented silicon energy detector. The simulation was also used to determine the optimum fission fragment source size, as well as the spectrometer arm length.

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