

Abstract

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Range and Restricted Energy-Loss for Heavy Ions in PM-555 and Metaphosphate Glasses Nuclear Track Detectors

Range-energy and restricted energy loss (REL) data are calculated for heavy ions over the energy interval 0.0025-20 MeV/nucl. in PM-555 produced from diethyleneglycol (allylcarbonate) and metaphosphate glass nuclear track detectors, which are extensively used in many applications.