

Thermal Effect on LR 115 Type I

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## ABSTRACT

Thermal effect on track diameter was studied. In the present work LR 115 type I films were used as Solid State Nuclear Track Detectors (SSNTD). There exists a relation between the thermal effect and the track diameter. It is shown that almost a linear dependency.

[illegible]

KEYWORDS: alpha dosimetry; alpha particles; alpha source; alpha spectroscopy; annealing; dielectric track detectors; temperature dependence.