

INCLUSIVE SPECTRA
OF ^3H AND ^3He NUCLEI AND ANGULAR
DISTRIBUTIONS OF DINUCLEONS IN THE
 $d + t$ REACTION AT 13.85 MeV

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S u m m a r y

Inclusive spectra of ^3H and ^3He nuclei in the $^3\text{H}(d, t)np$ and $^3\text{H}(d, ^3\text{He})nn$ reactions are compared to model ones calculated in the effective range approximation. Angular distributions of dineutrons and singlet deuterons at the center-of-mass angles above 145 degrees are obtained. The experimental angular distributions are in agreement with predictions of the potential scattering theory taking into account interactions dependent on the permutation symmetries.