

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

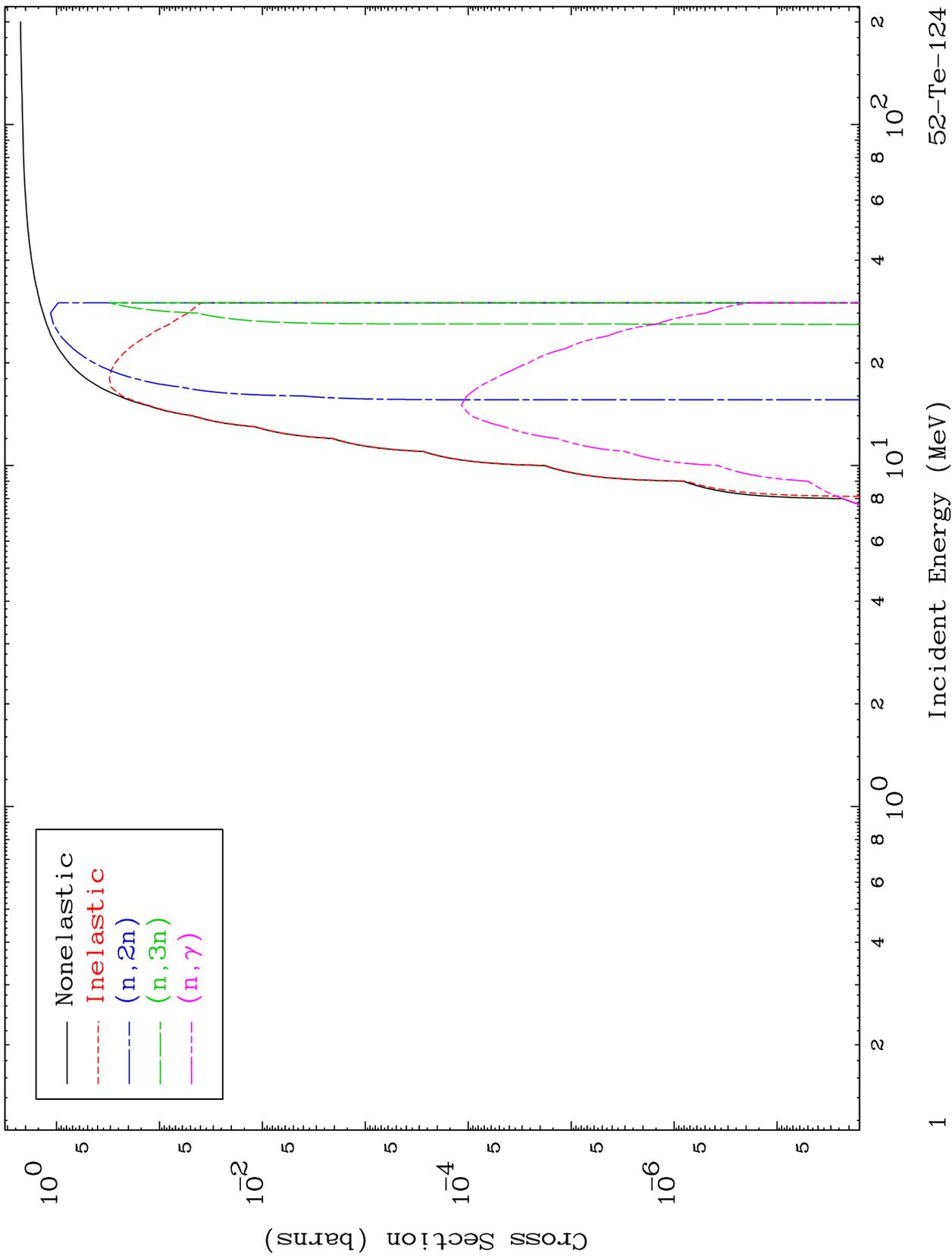
Press Mouse Button to Start

MAT 5237

0 Kelvin

$\alpha$  Major Cross Sections

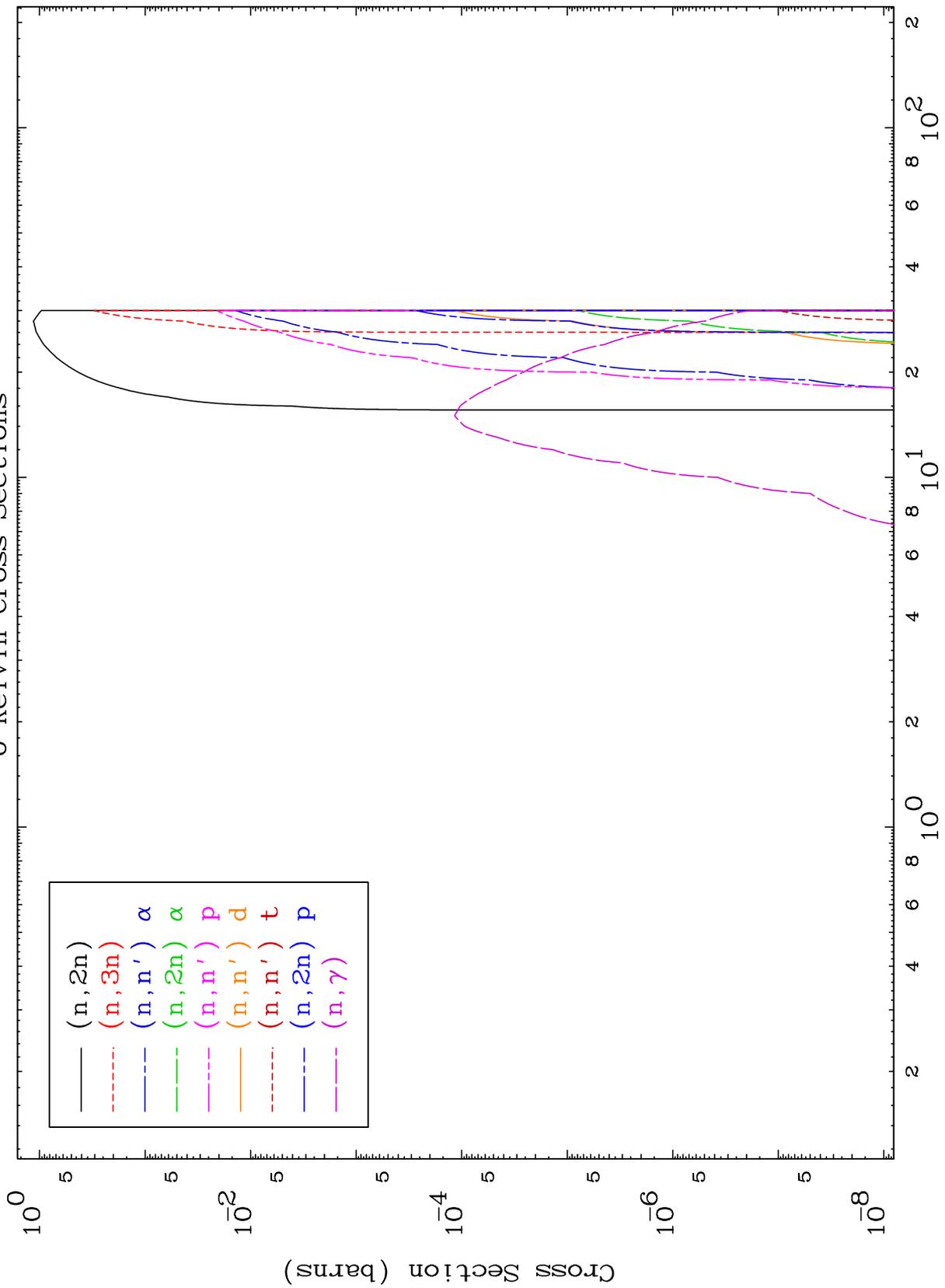
52-Te-124



MAT 5237

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

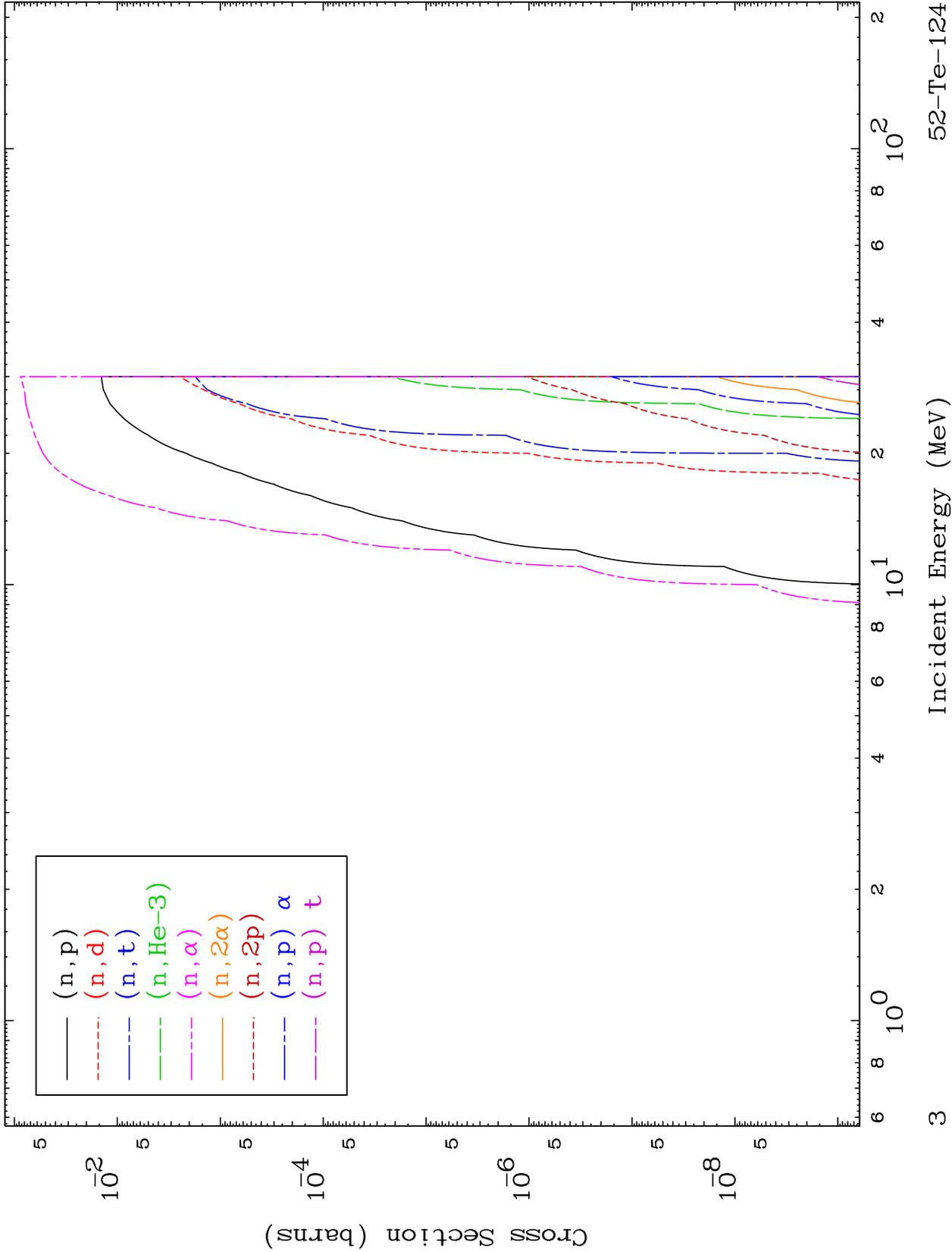
52-Te-124



MAT 5237

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

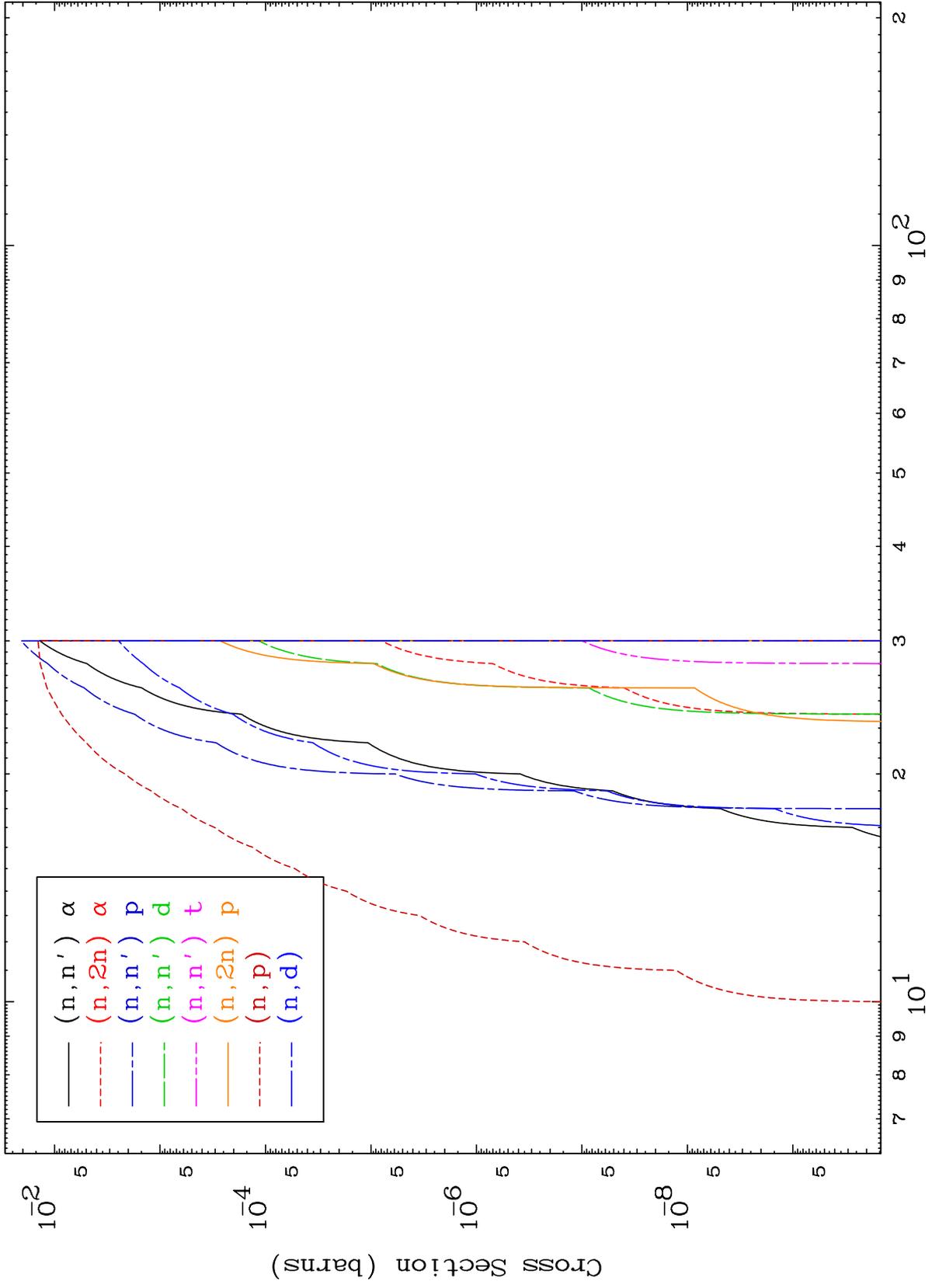
52-Te-124

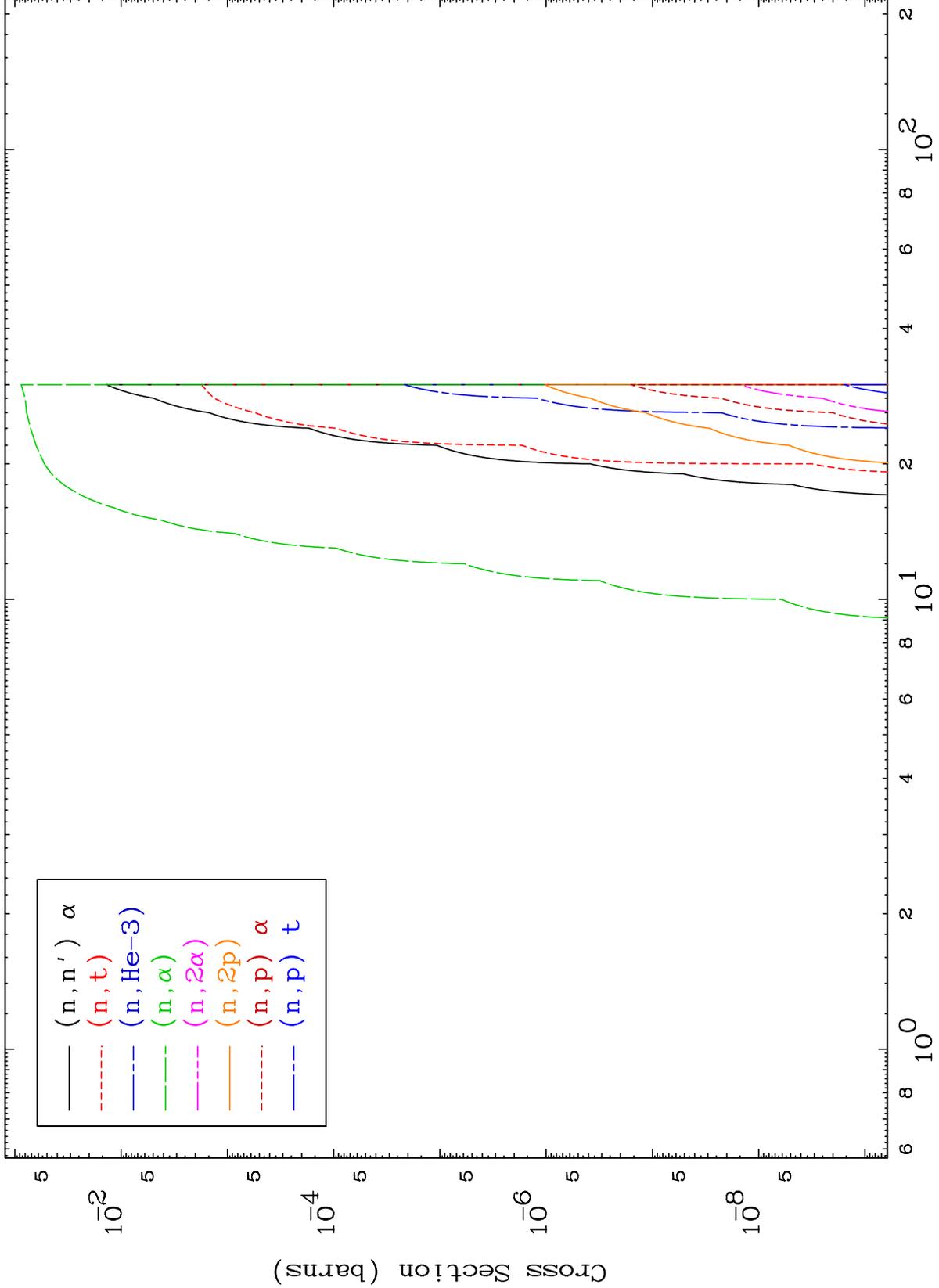


3

Incident Energy (MeV)

52-Te-124

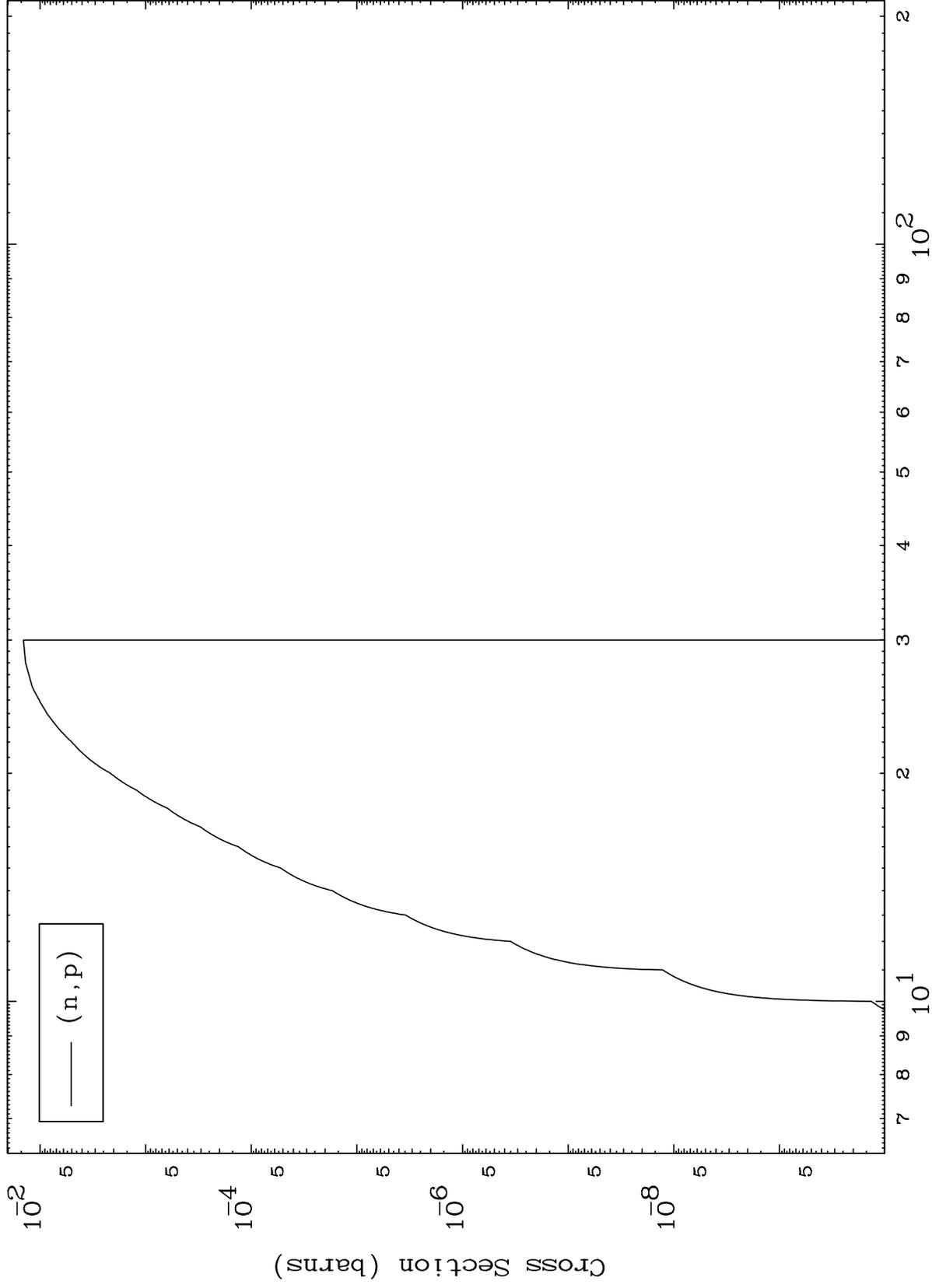




MAT 5237

( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections

52-Te-124



6

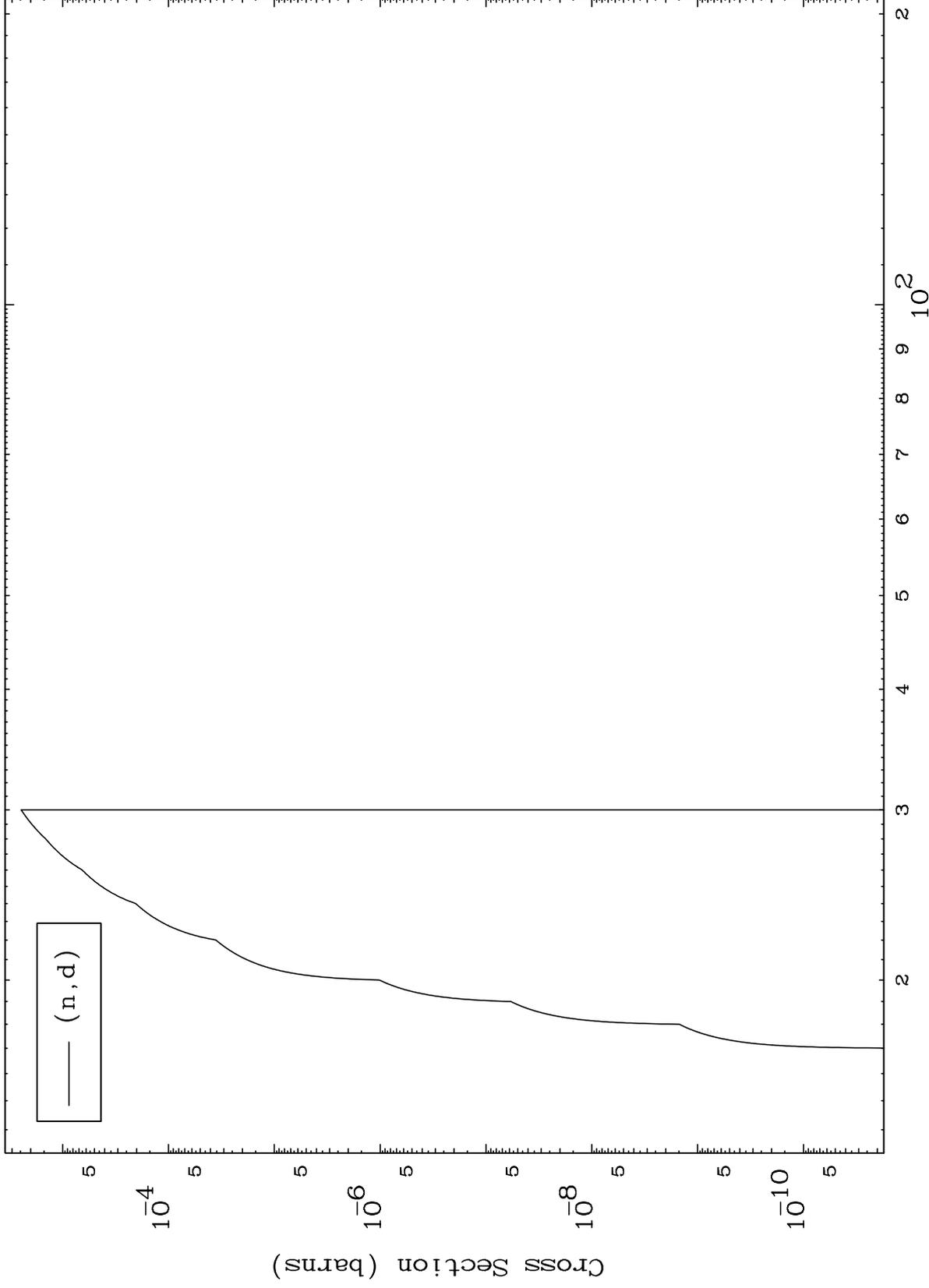
Incident Energy (MeV)

52-Te-124

MAT 5237

( $\alpha, d$ ) Levels  
0 Kelvin Cross Sections

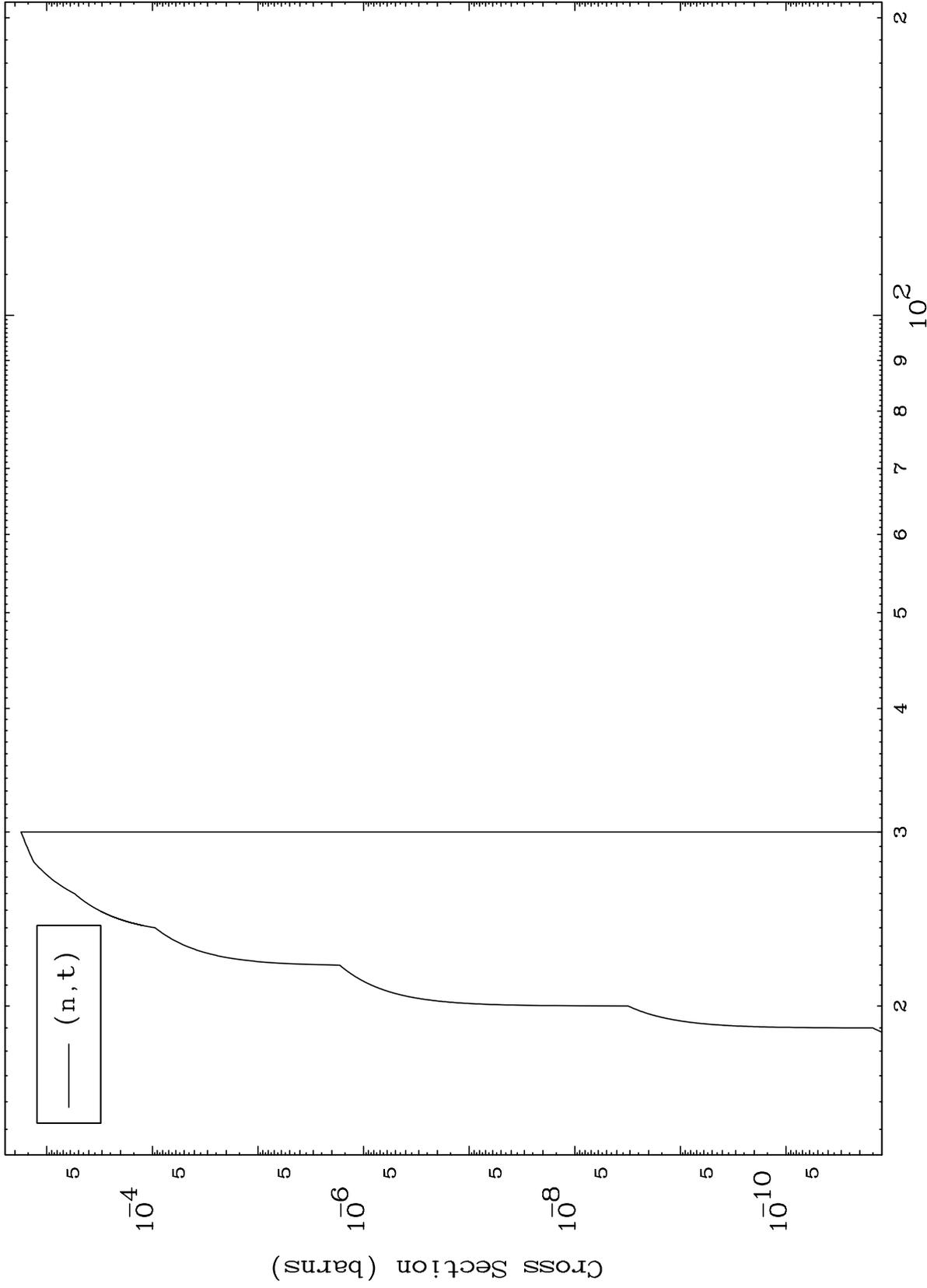
52-Te-124



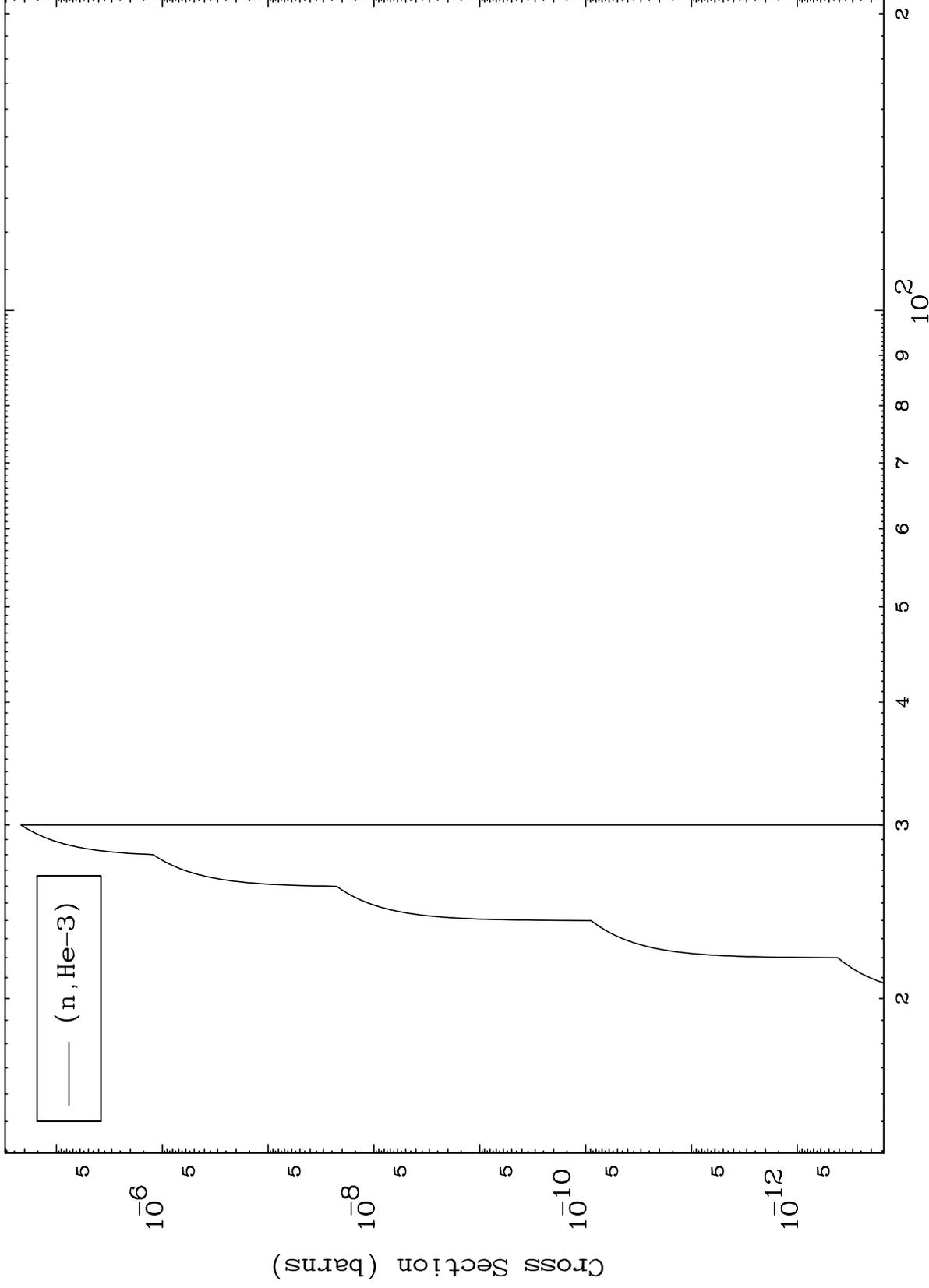
7

Incident Energy (MeV)

52-Te-124



0 Kelvin Cross Sections

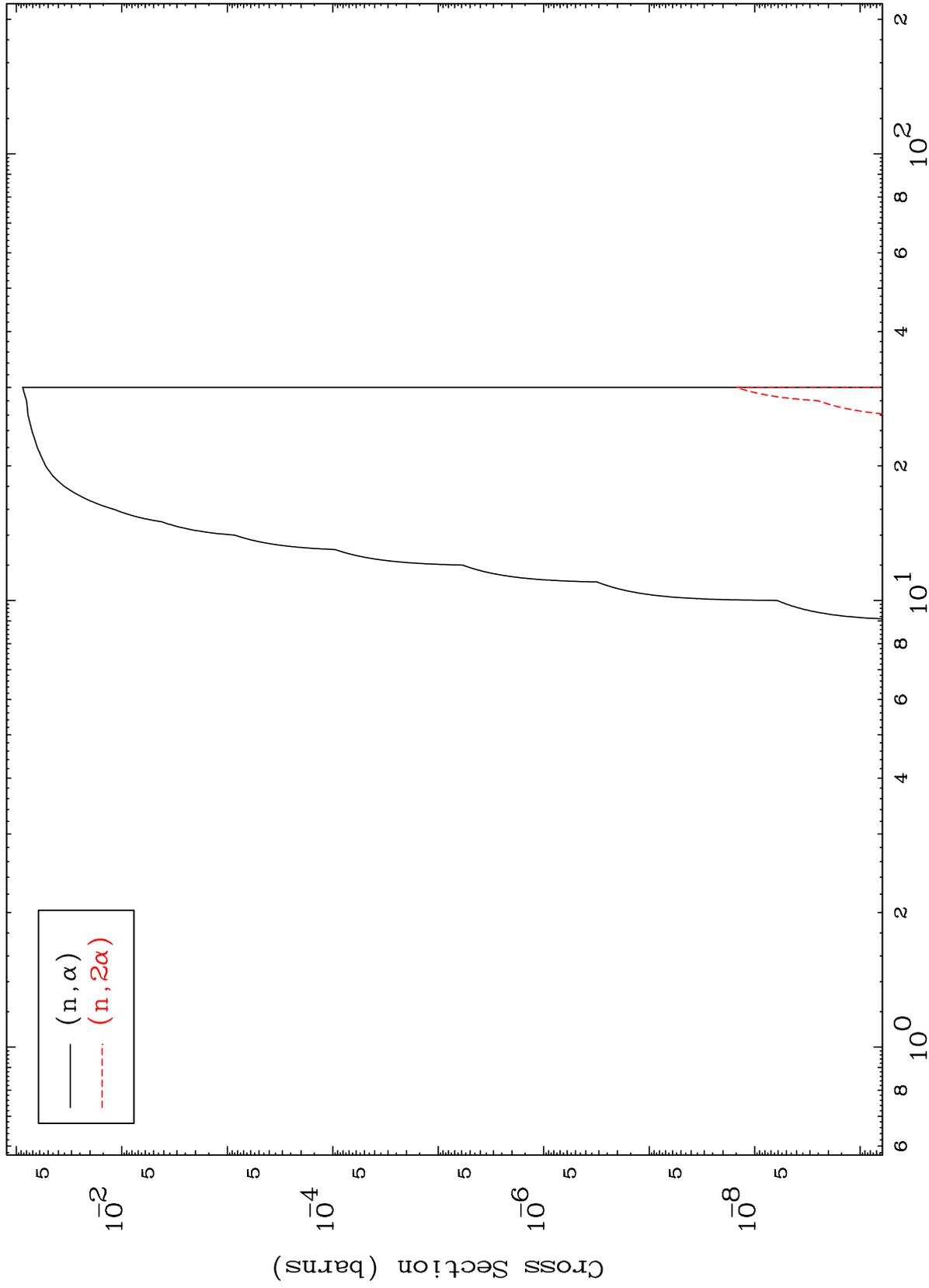


MAT 5237

( $\alpha, \alpha$ ) Levels

52-Te-124

0 Kelvin Cross Sections



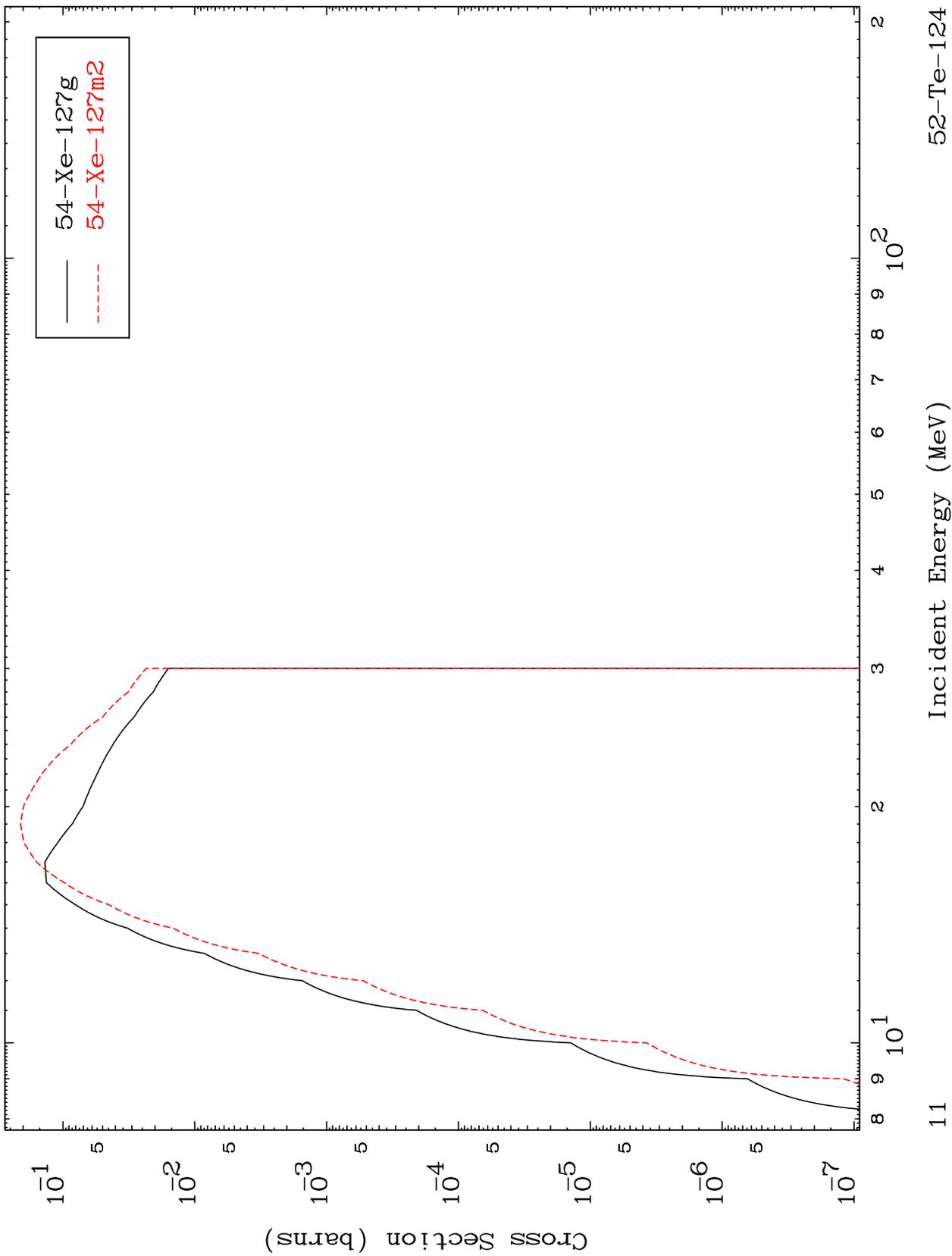
Incident Energy (MeV)

52-Te-124

MAT 5237

52-Te-124

Inelastic  
Radionuclide Production Cross Section



11

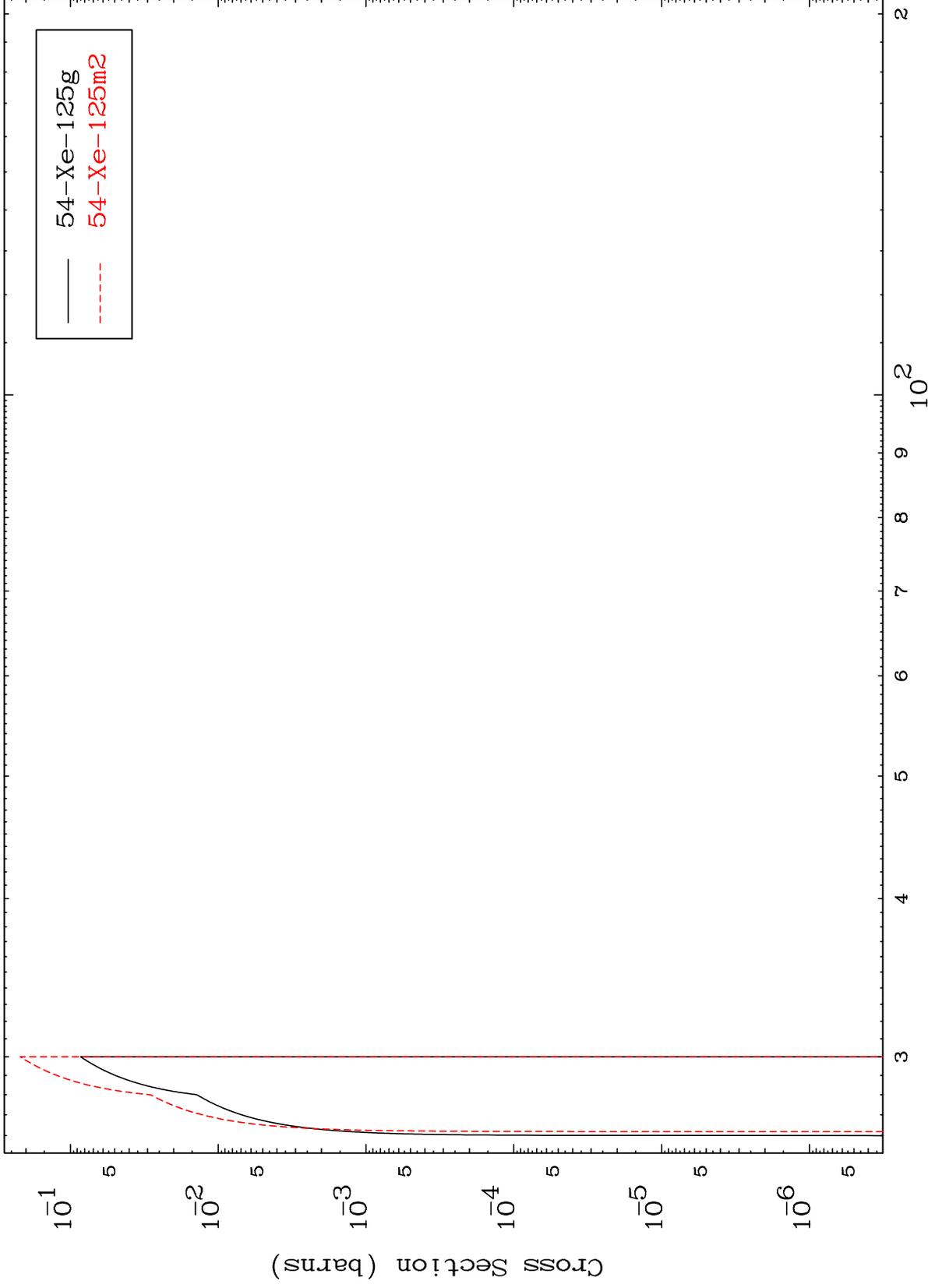
52-Te-124

MAT 5237

(n,3n)

52-Te-124

Radionuclide Production Cross Section



12

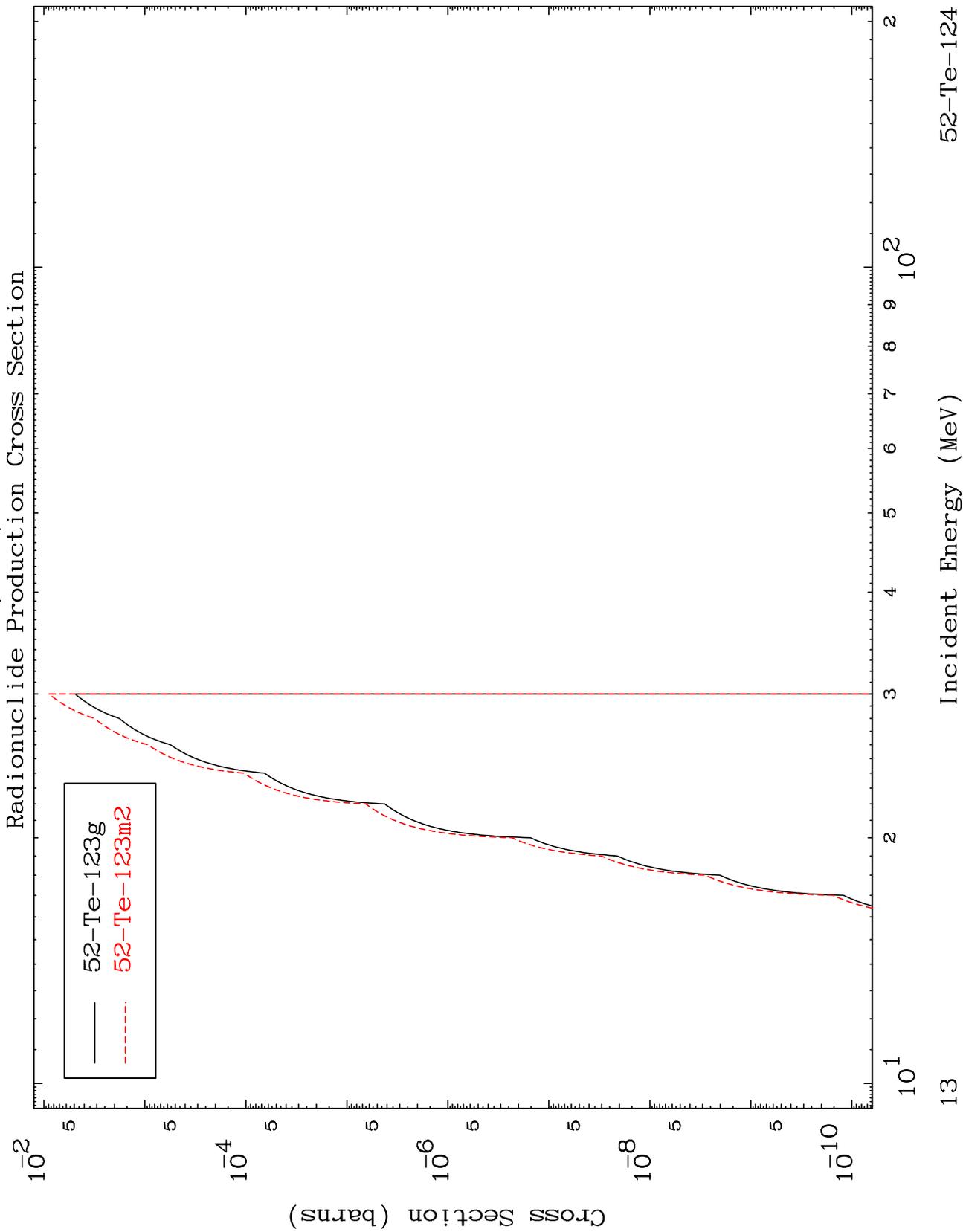
Incident Energy (MeV)

52-Te-124

MAT 5237

(n,n')  $\alpha$

52-Te-124

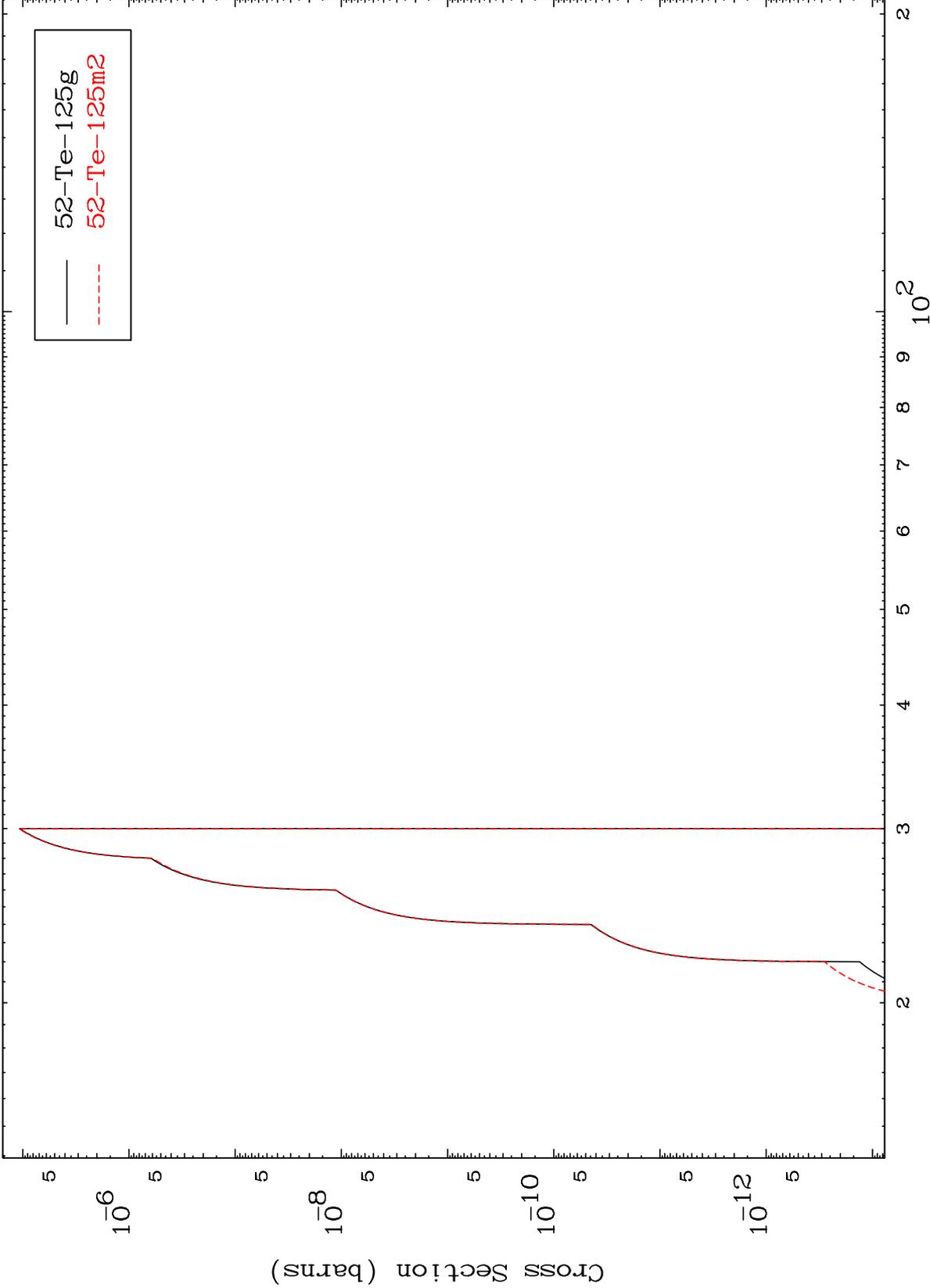


MAT 5237

(n,He-3)

52-Te-124

Radionuclide Production Cross Section



14

Incident Energy (MeV)

52-Te-124