

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

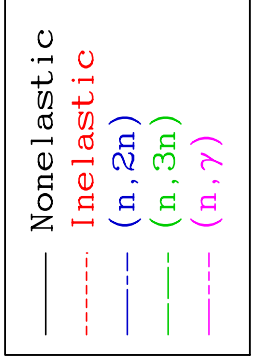
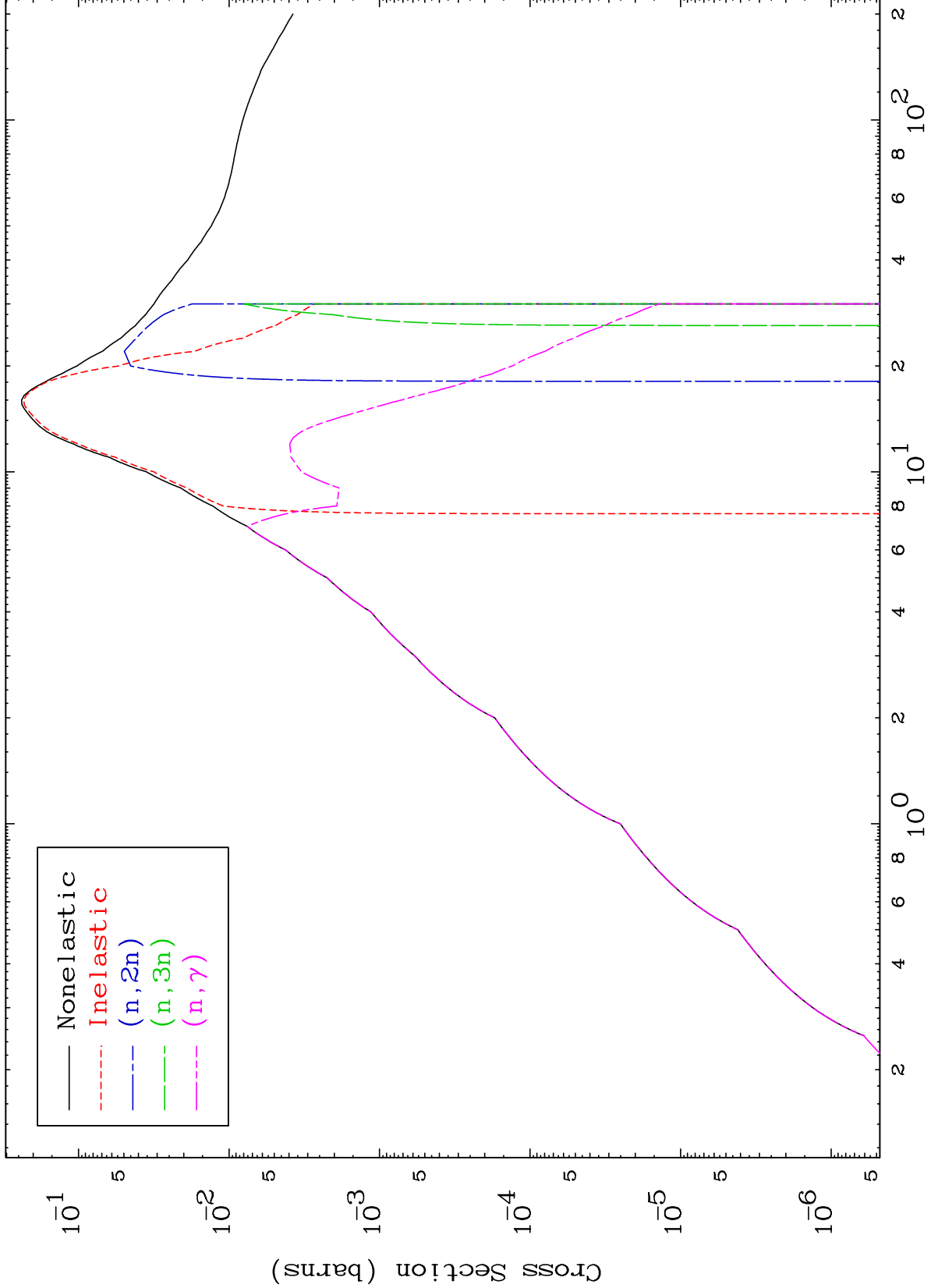
Press Mouse Button to Start

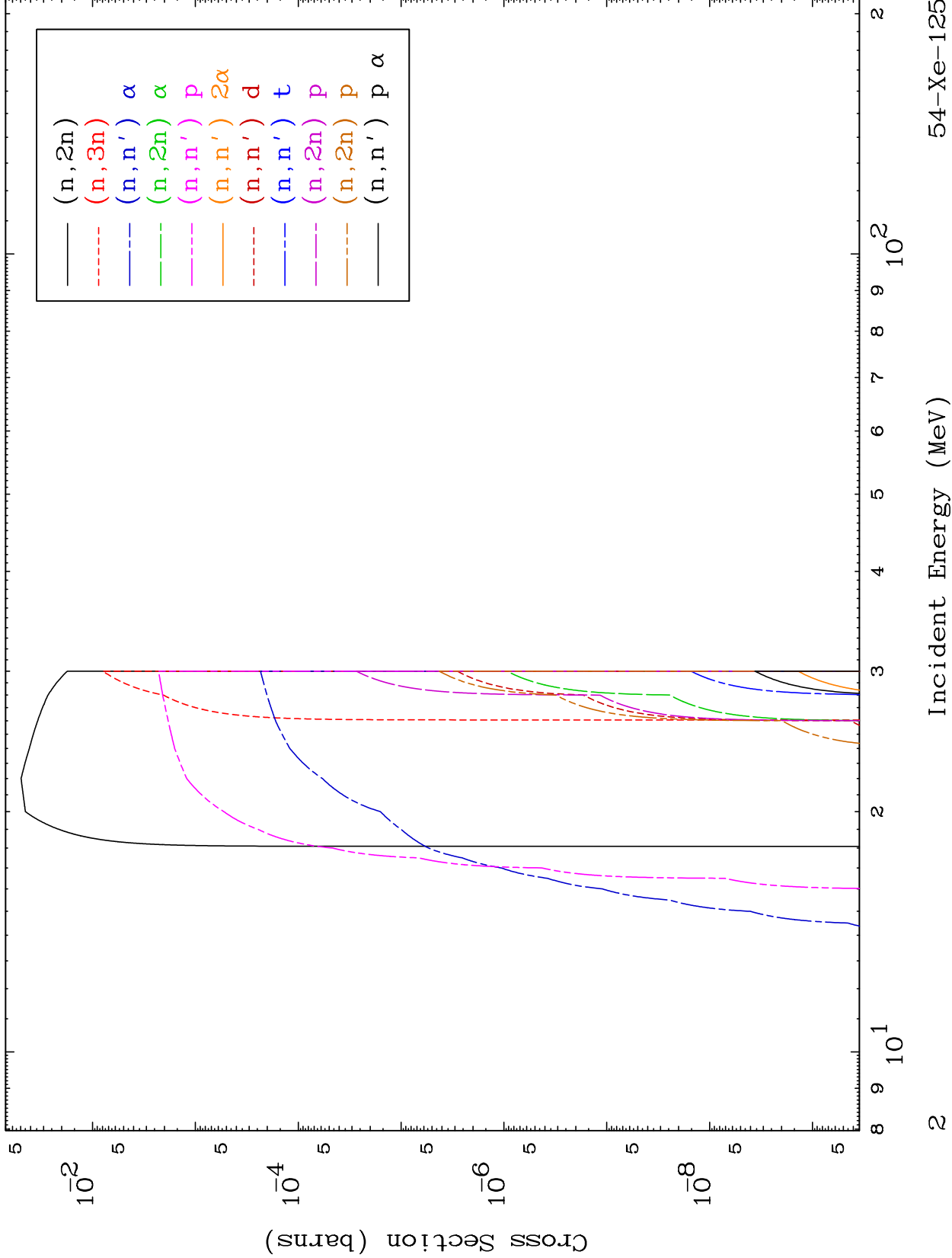
MAT 5428

Photon Major

54-Xe-125

0 Kelvin Cross Sections

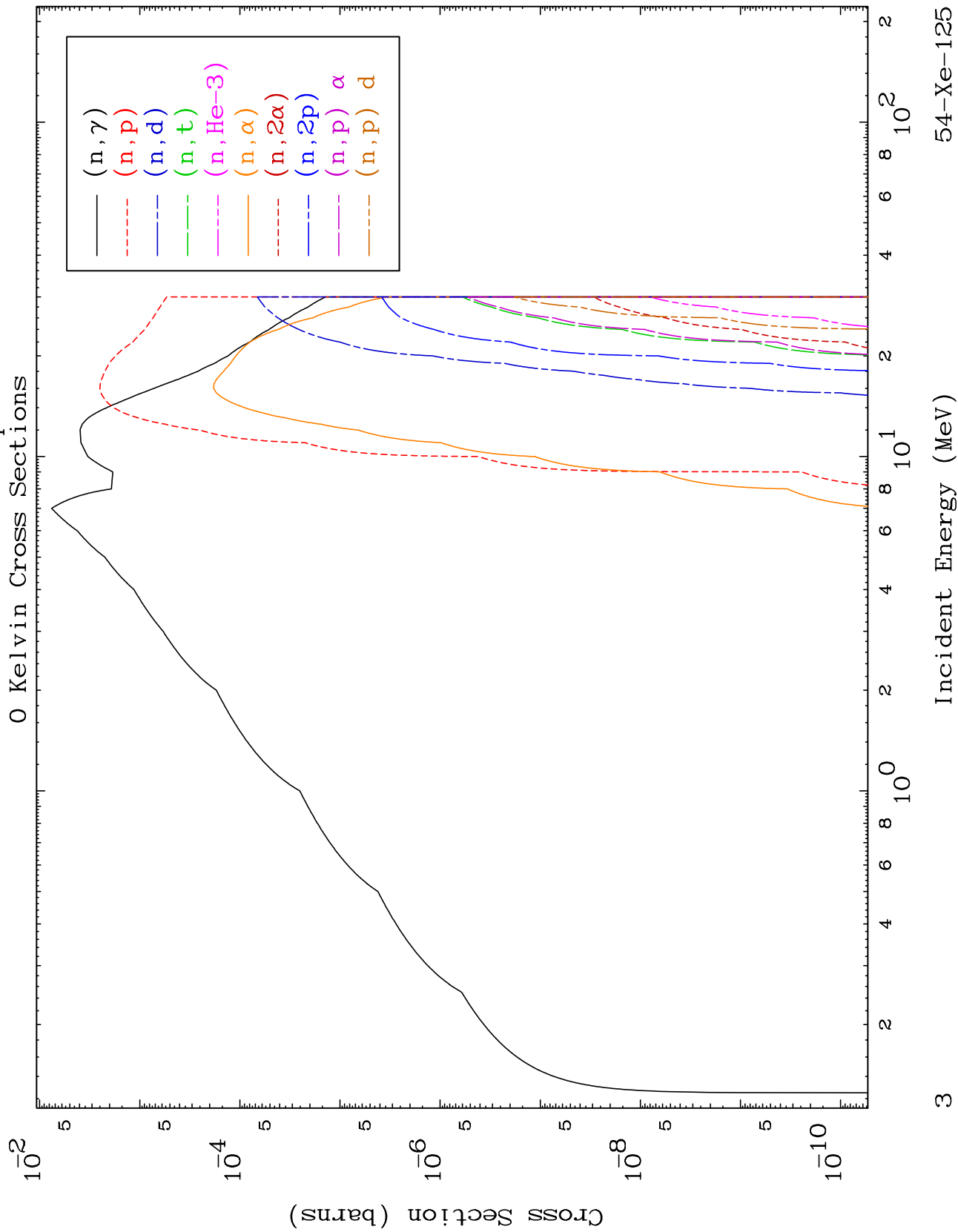


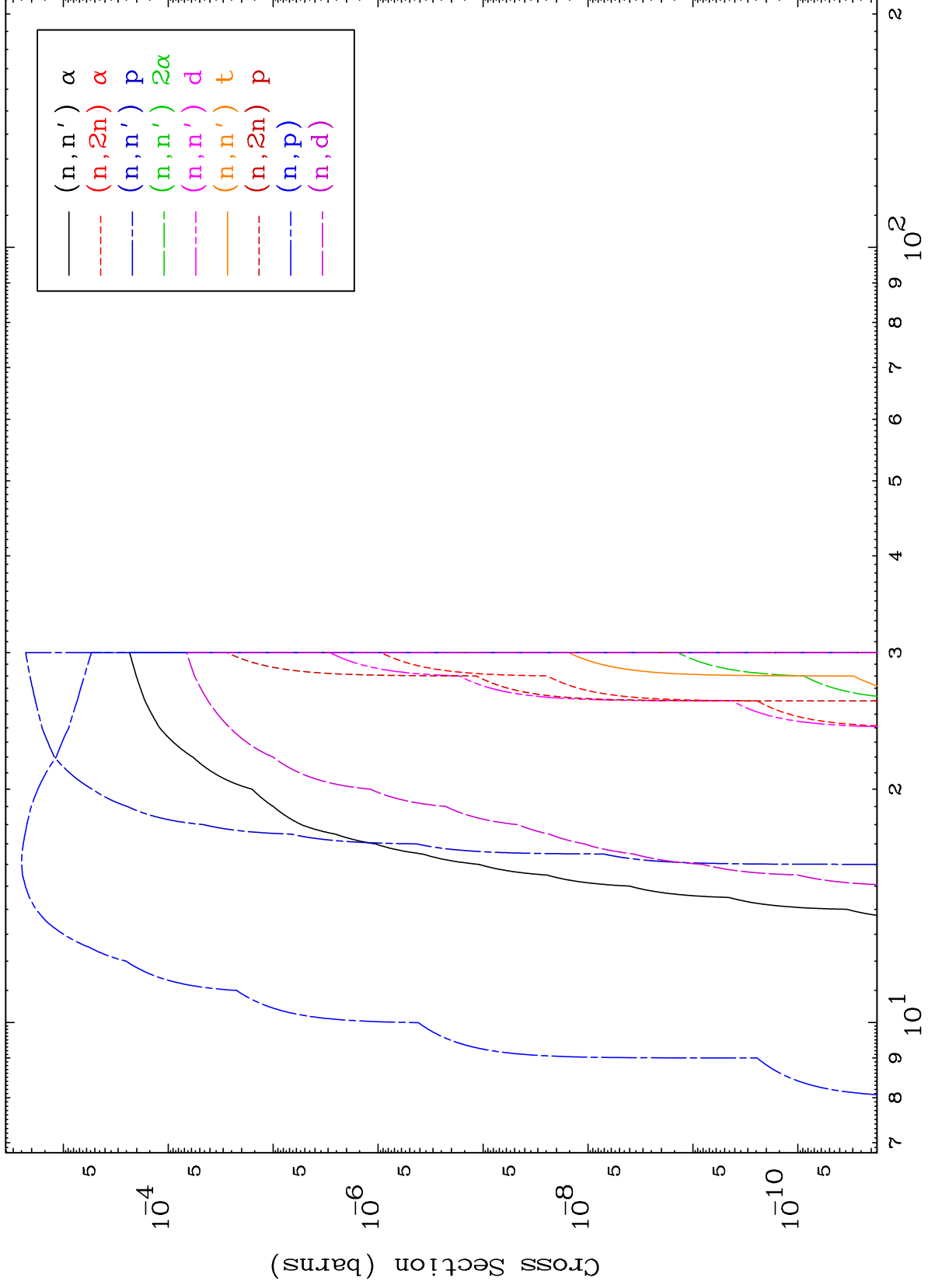


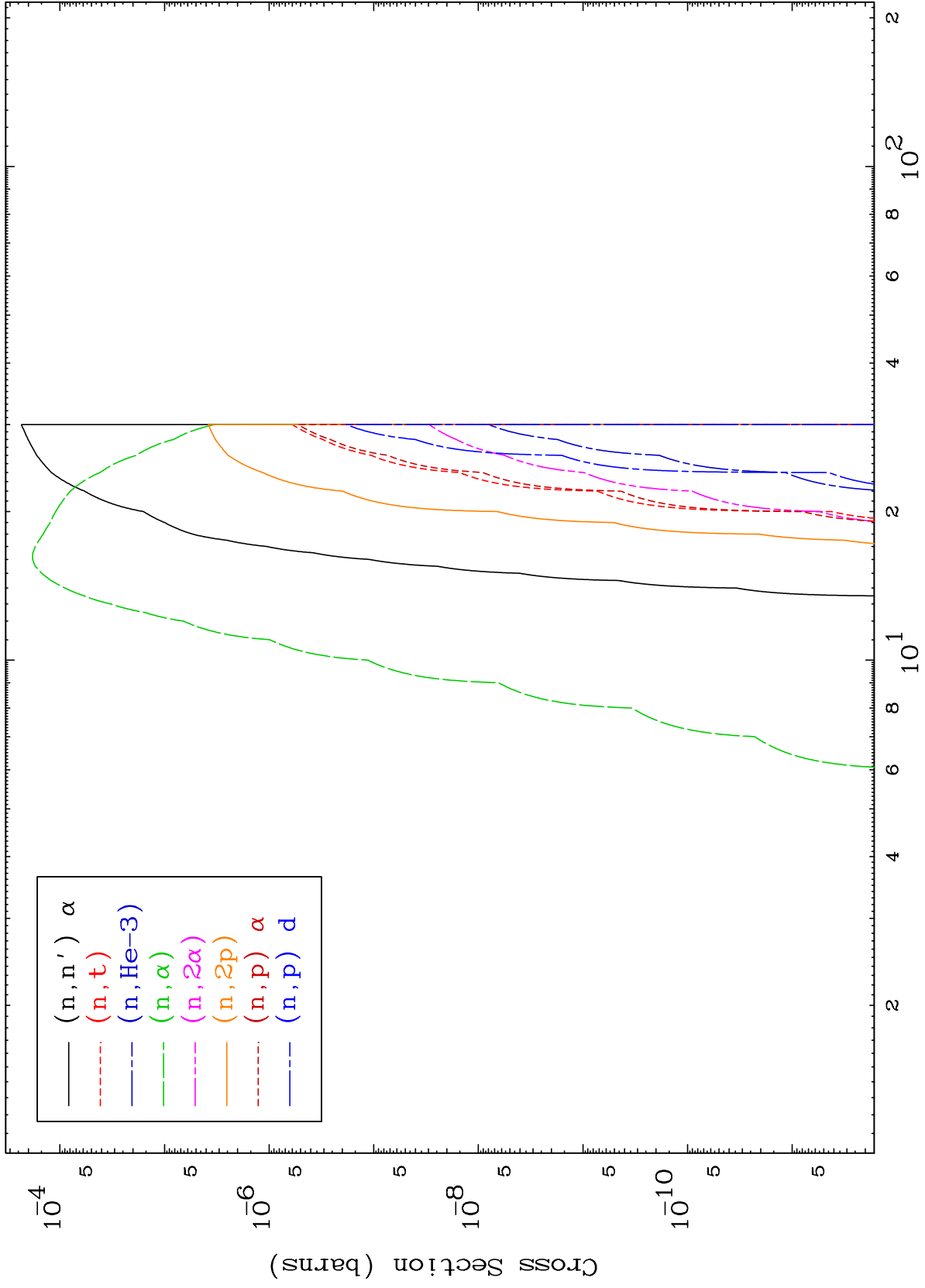
MAT 5428

Photon Neutron Absorption  
0 Kelvin Cross Sections

54-Xe-125





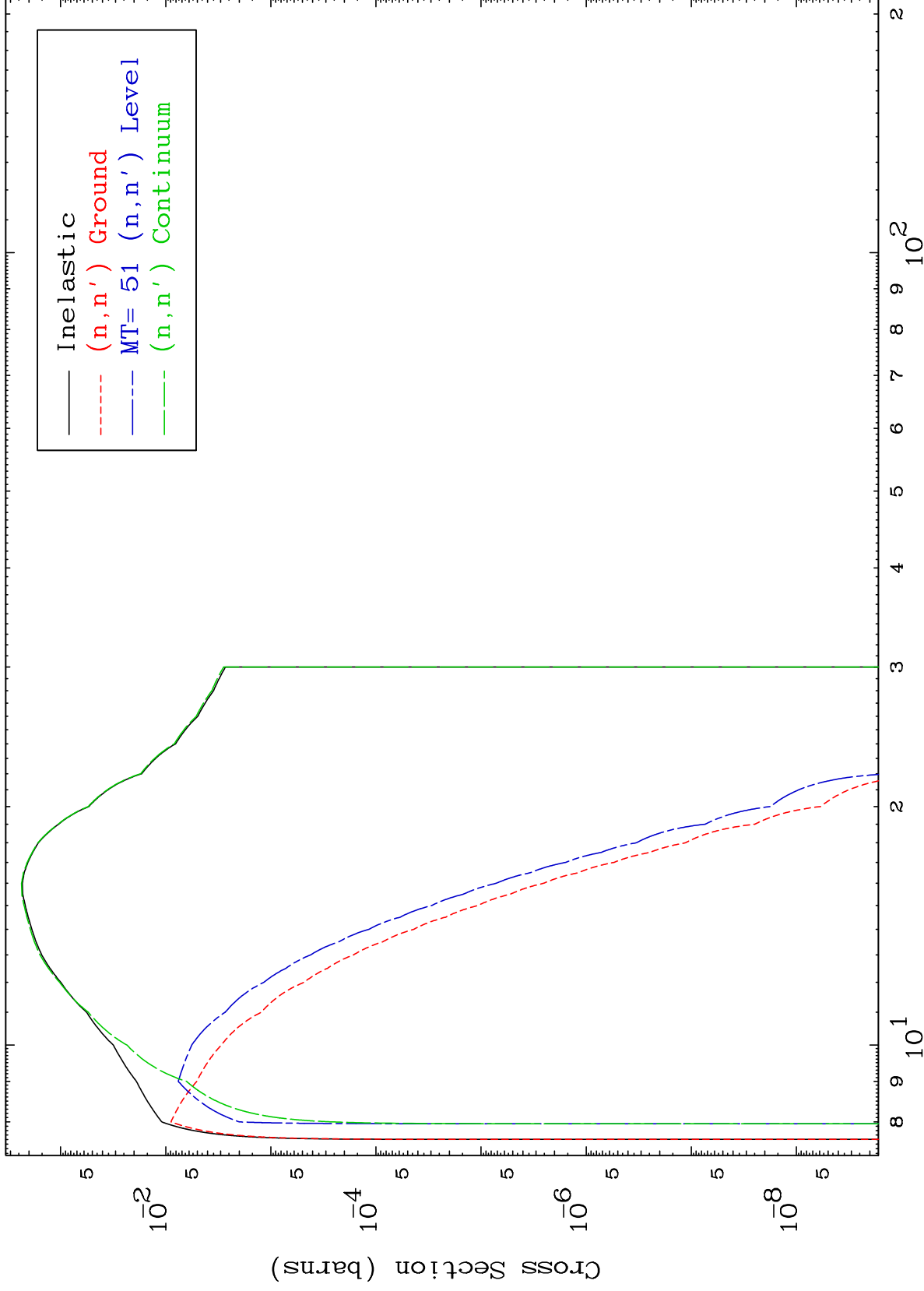


MAT 5428

( $\gamma, n'$ ) Levels

54-Xe-125

0 Kelvin Cross Sections



6

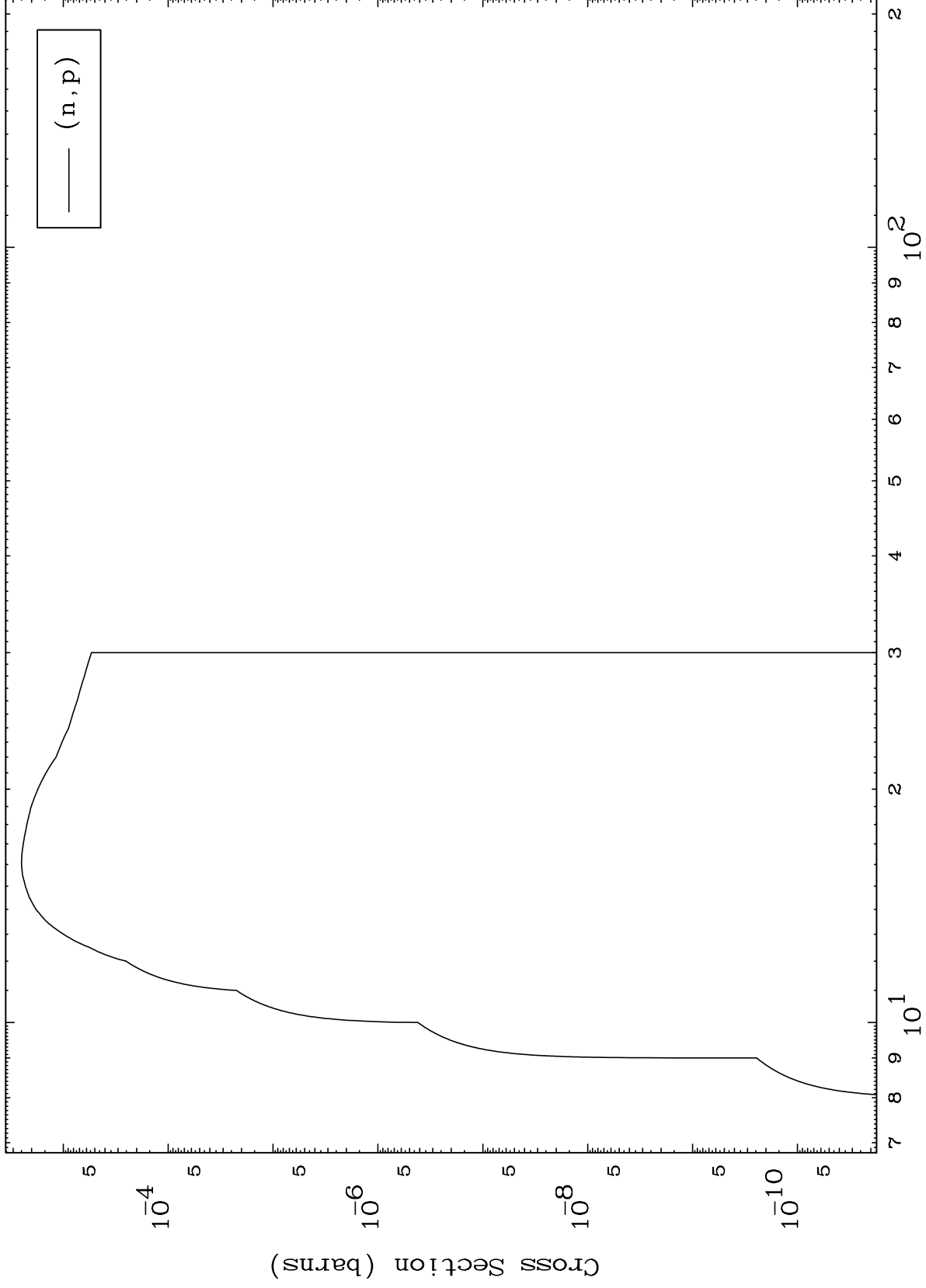
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

54-Xe-125

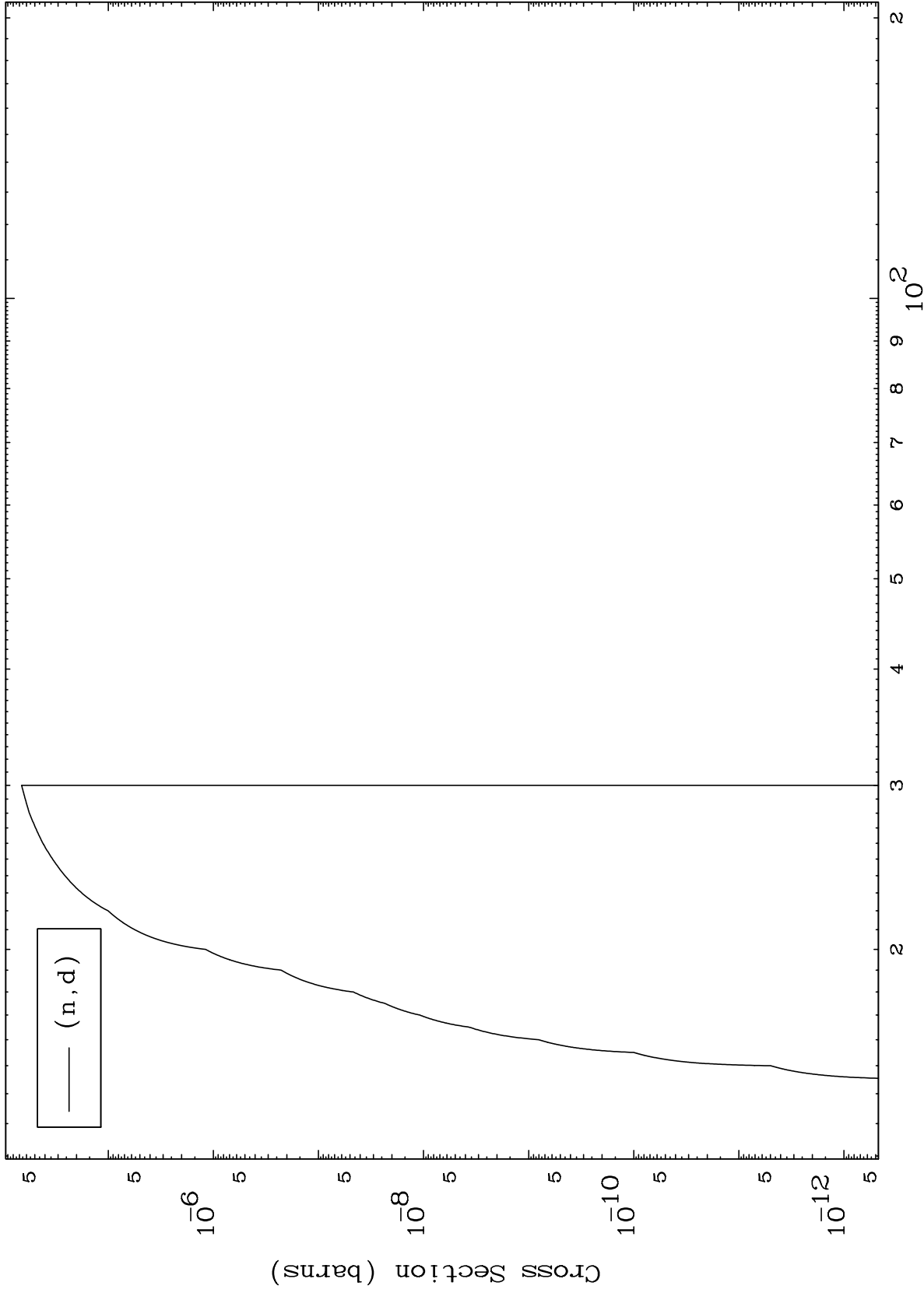


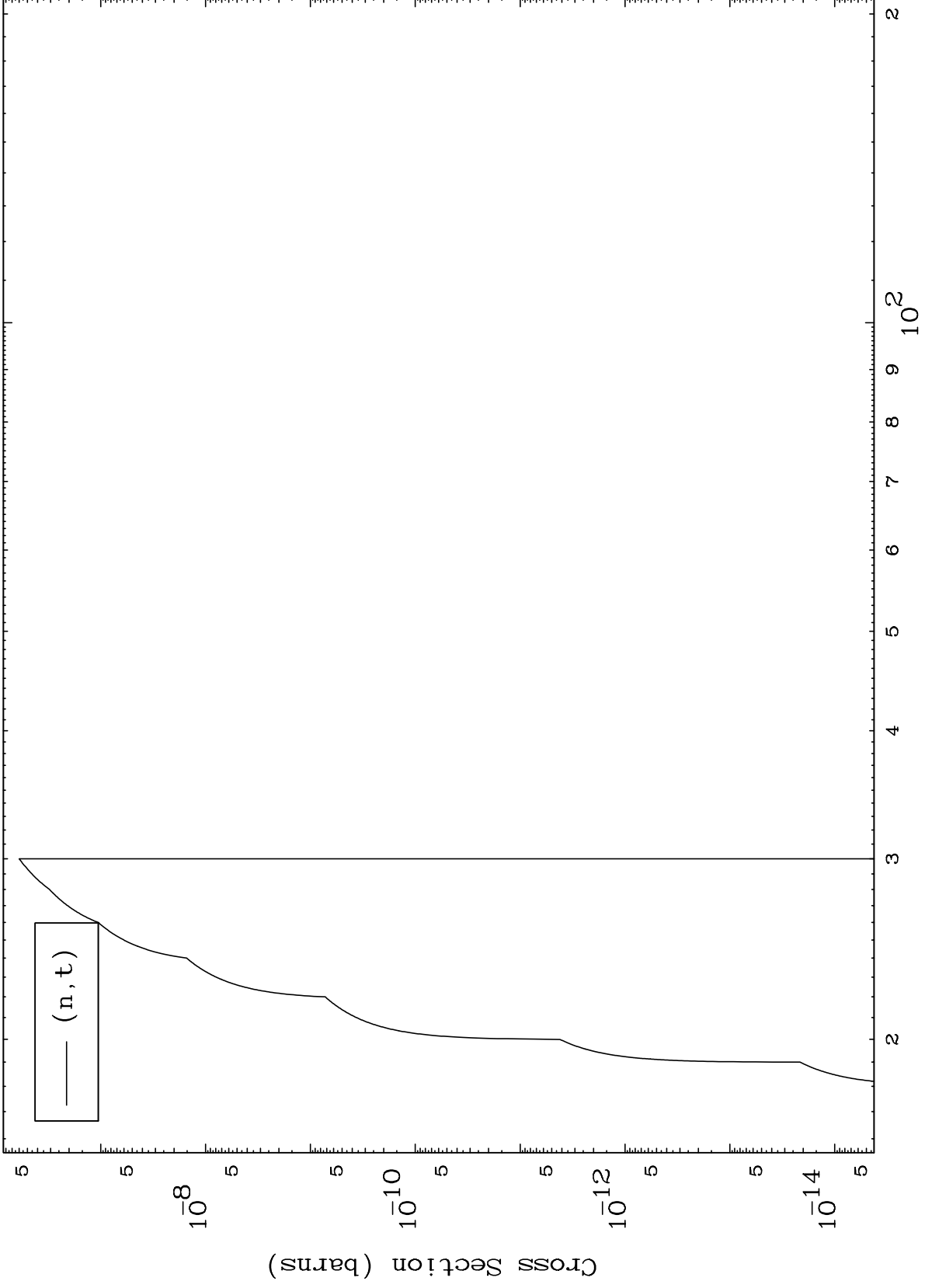
7

Incident Energy (MeV)

54-Xe-125



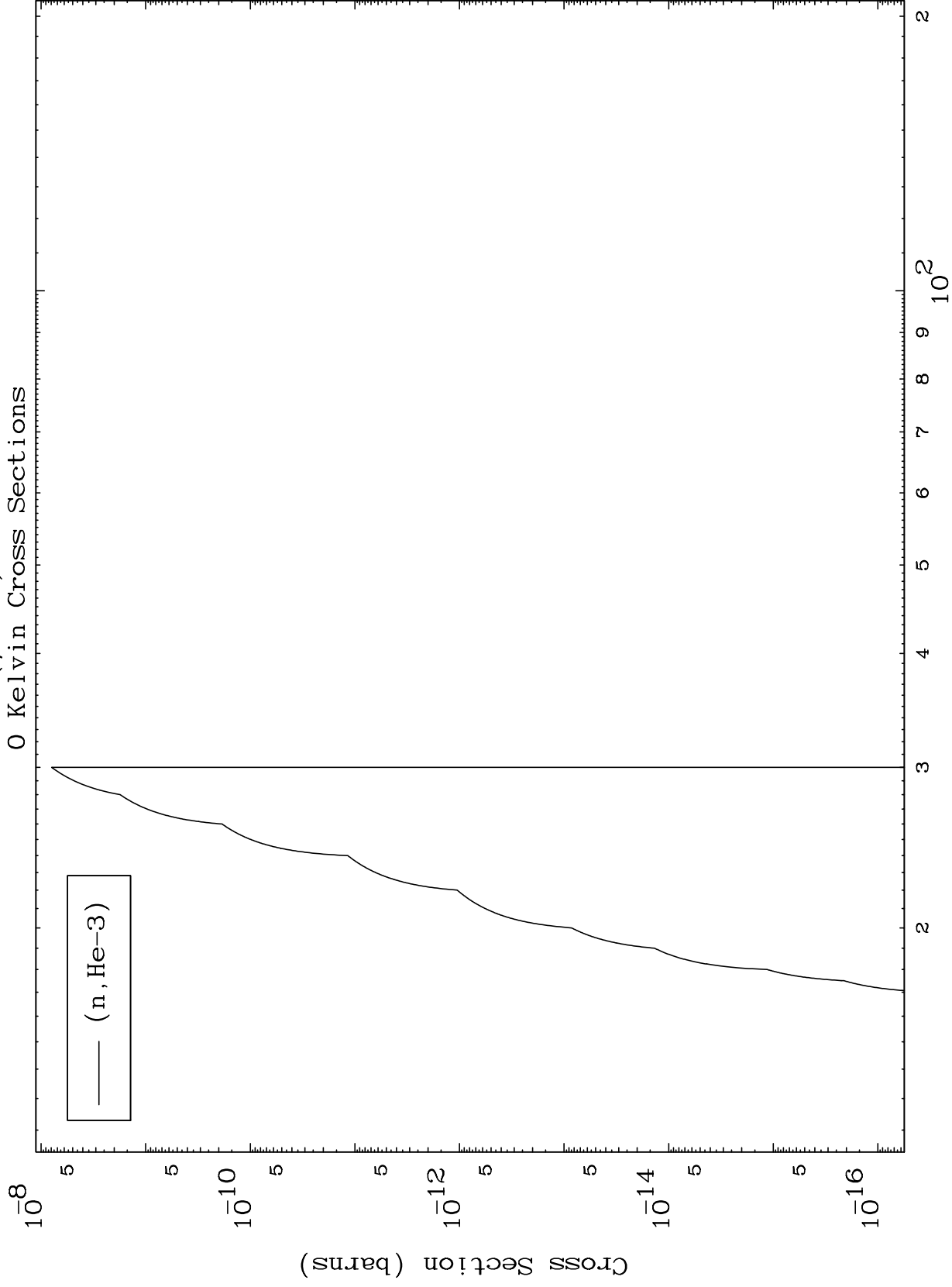




MAT 5428

( $\gamma$ , He3) Levels  
0 Kelvin Cross Sections

54-Xe-125



10

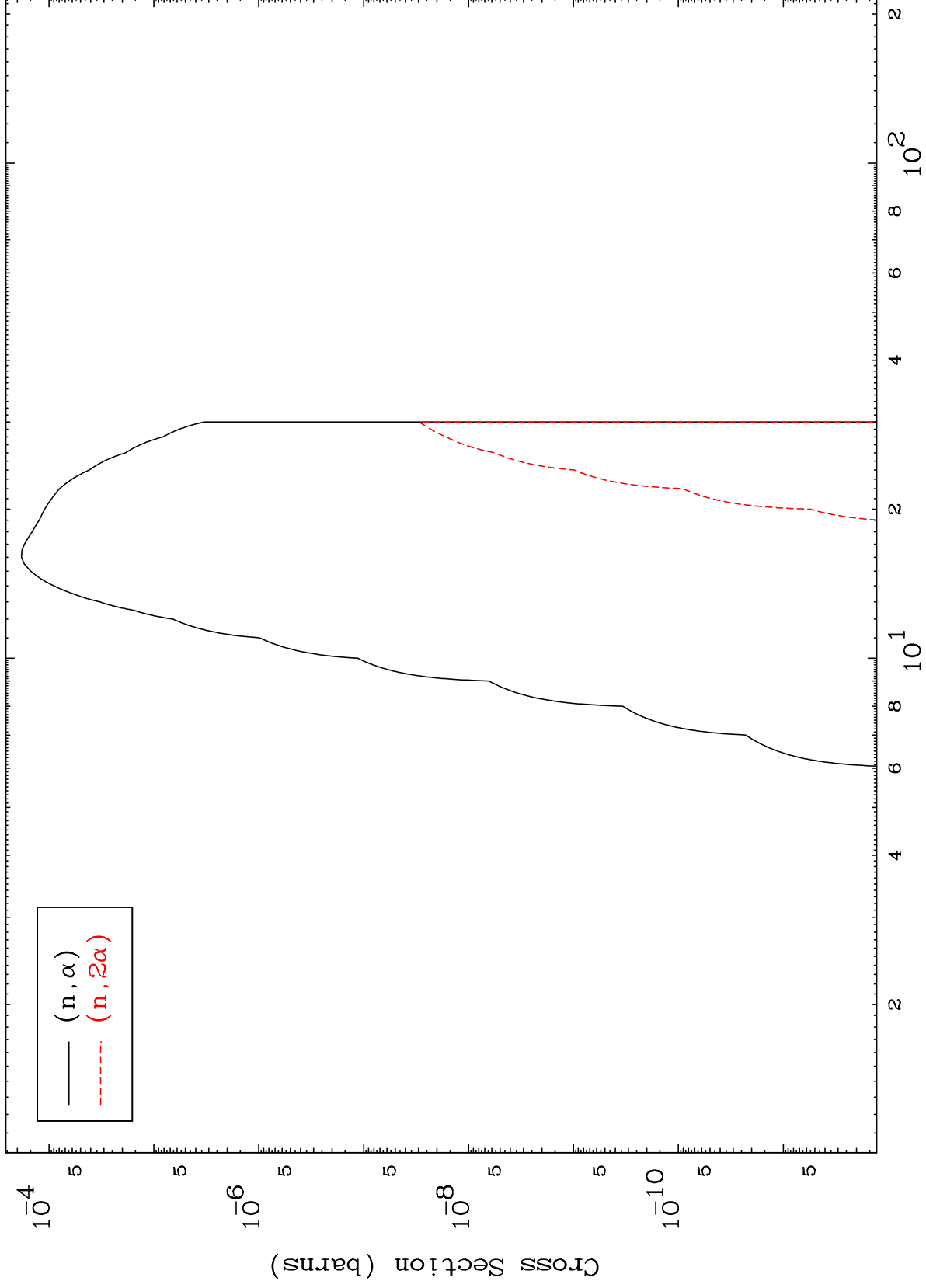
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

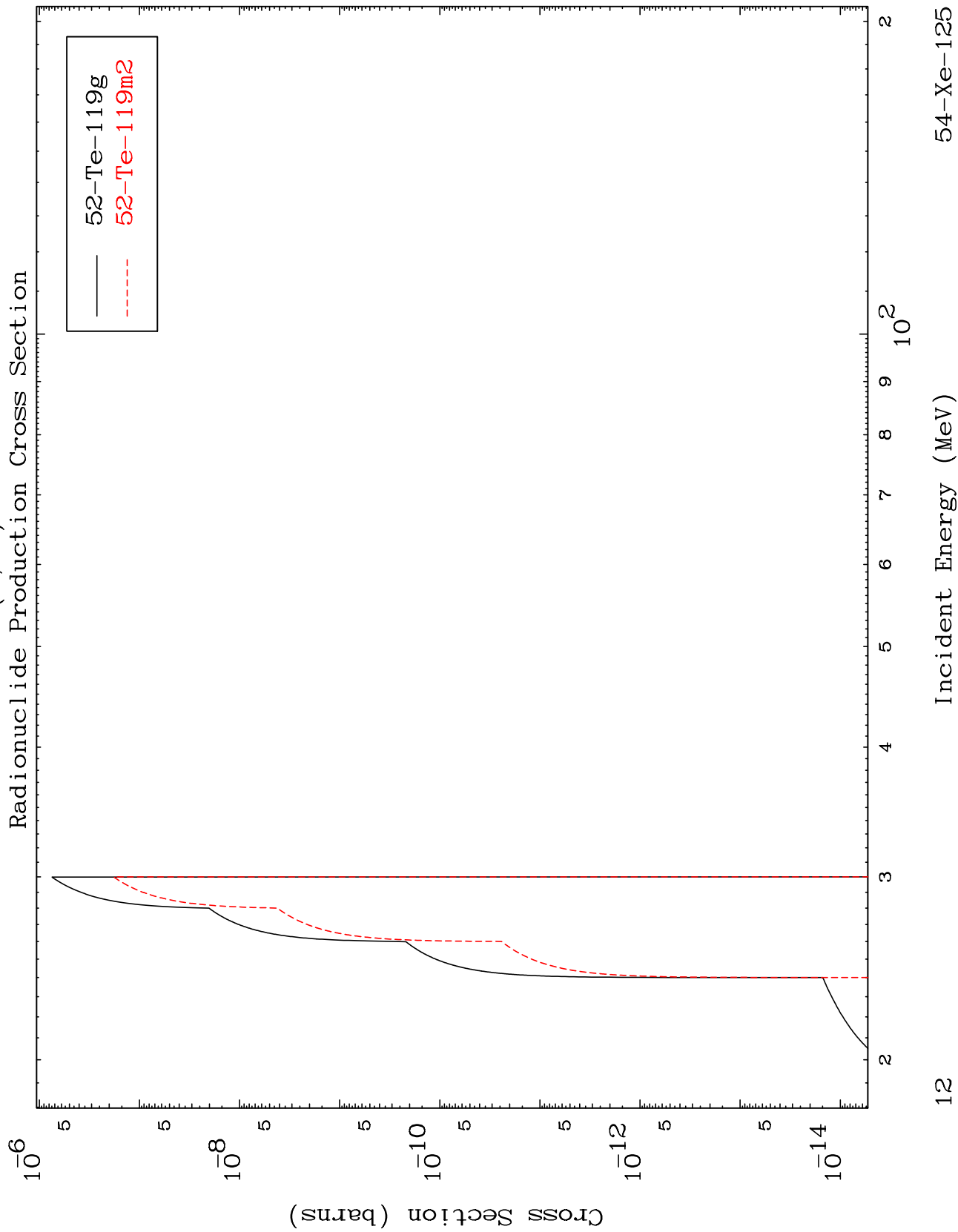
54-Xe-125



MAT 5428

(n,2n)  $\alpha$

54-Xe-125



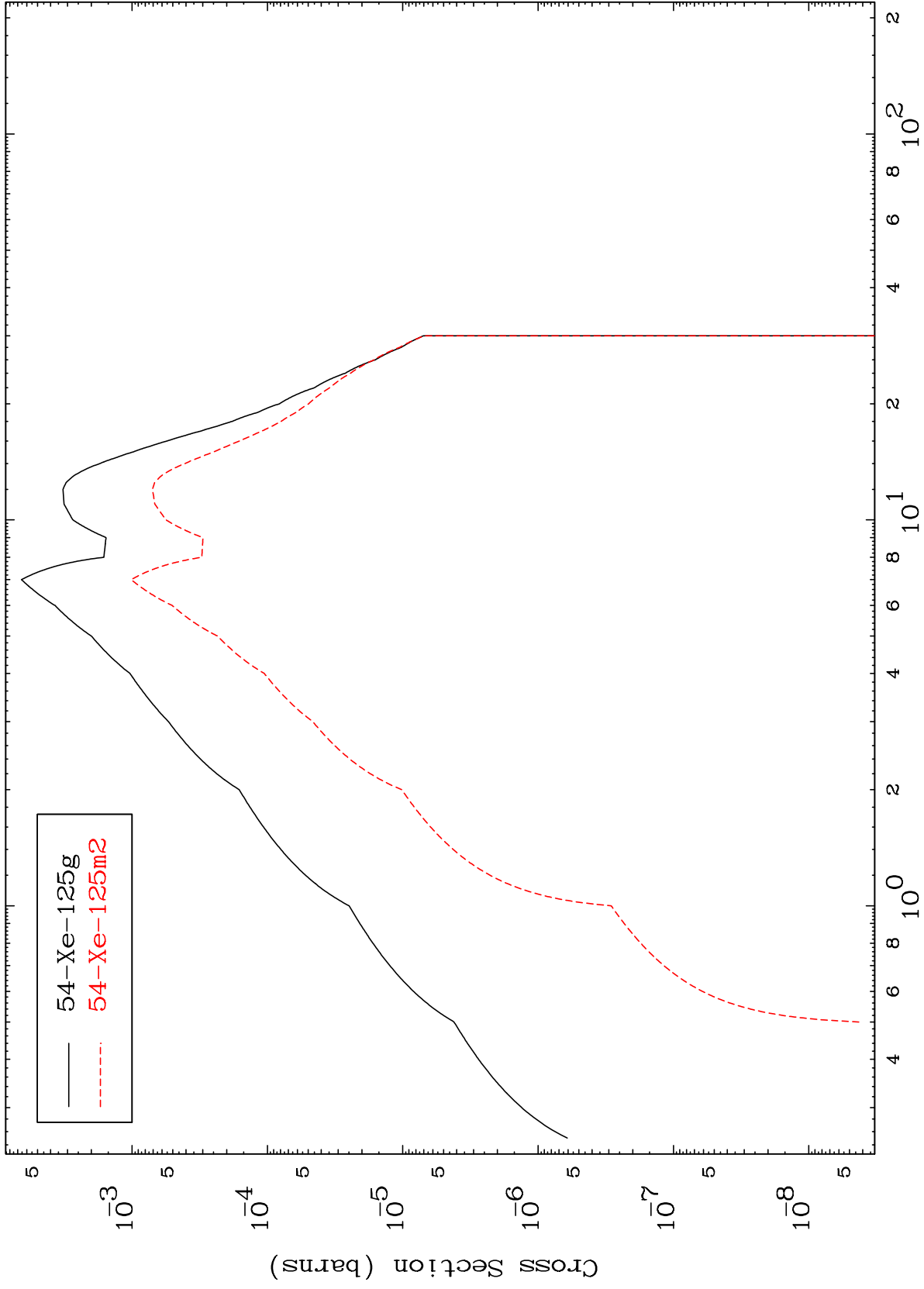
12

54-Xe-125

MAT 5428

54-Xe-125

(n,  $\gamma$ )  
Radionuclide Production Cross Section



54-Xe-125

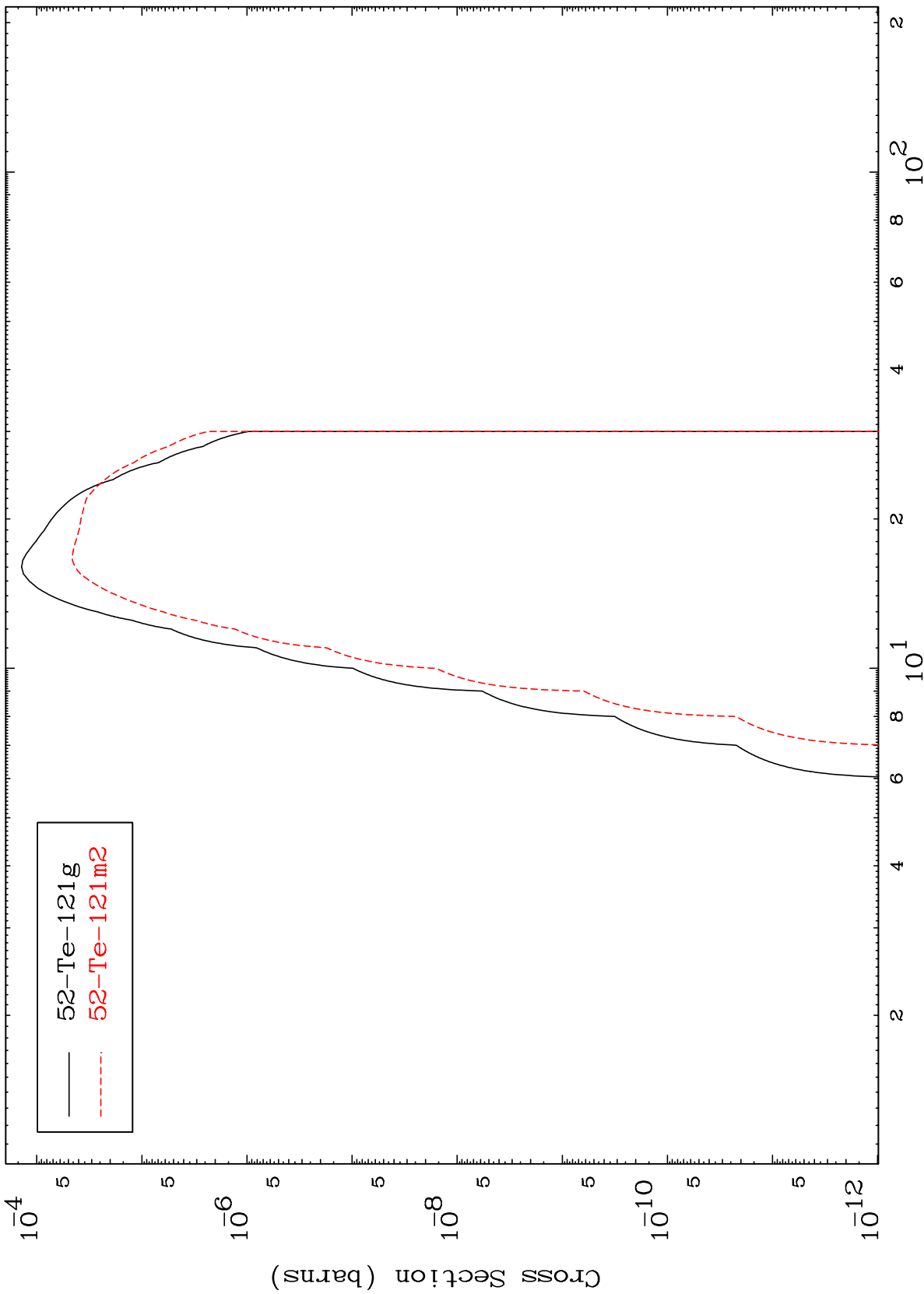
Incident Energy (MeV)

13

MAT 5428

54-Xe-125

(n,  $\alpha$ )  
Radionuclide Production Cross Section



54-Xe-125

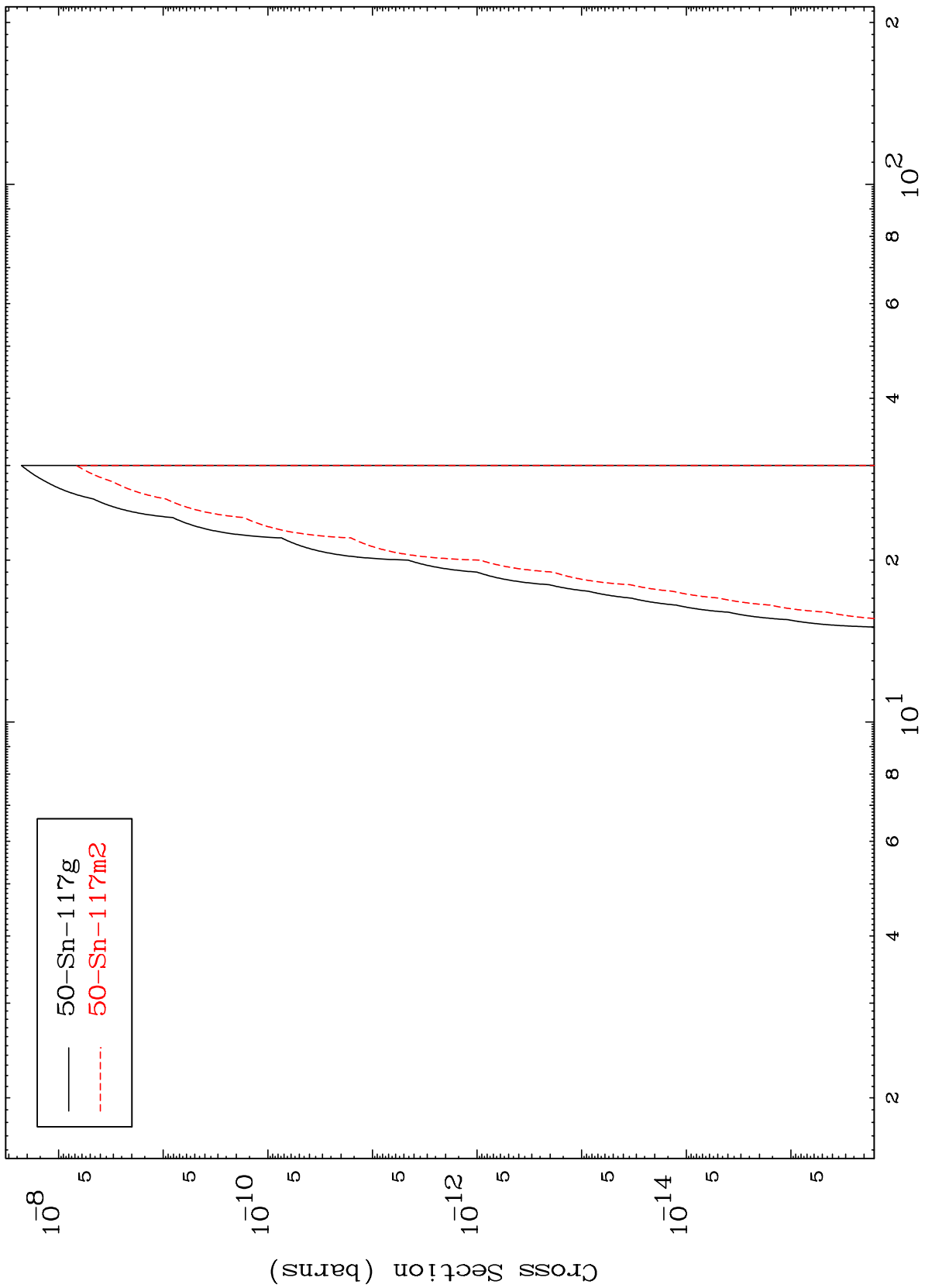
Incident Energy (MeV)

14

MAT 5428

54-Xe-125

(n,2α)  
Radionuclide Production Cross Section



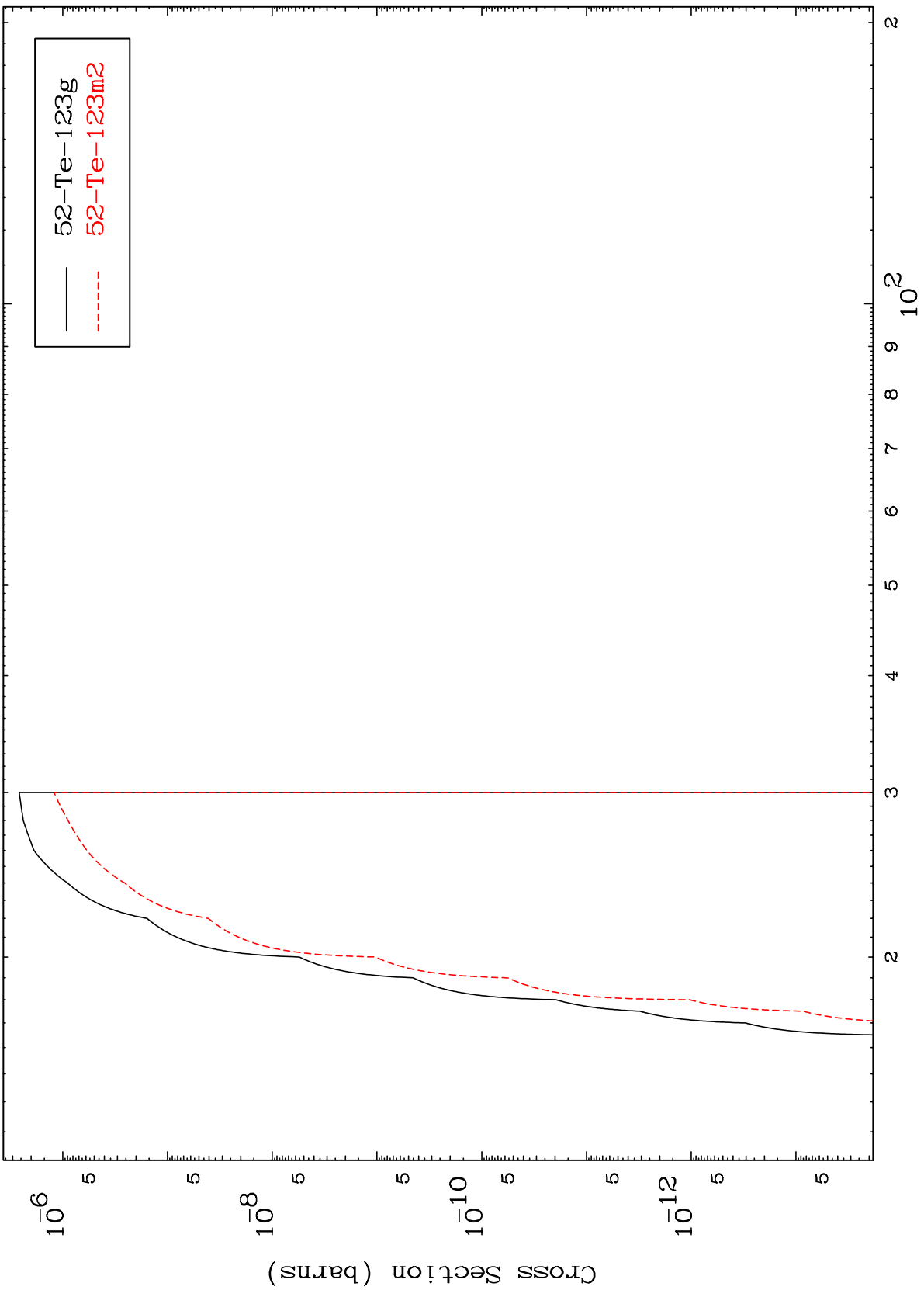
15

54-Xe-125

Incident Energy (MeV)



(n,2p)  
Radionuclide Production Cross Section

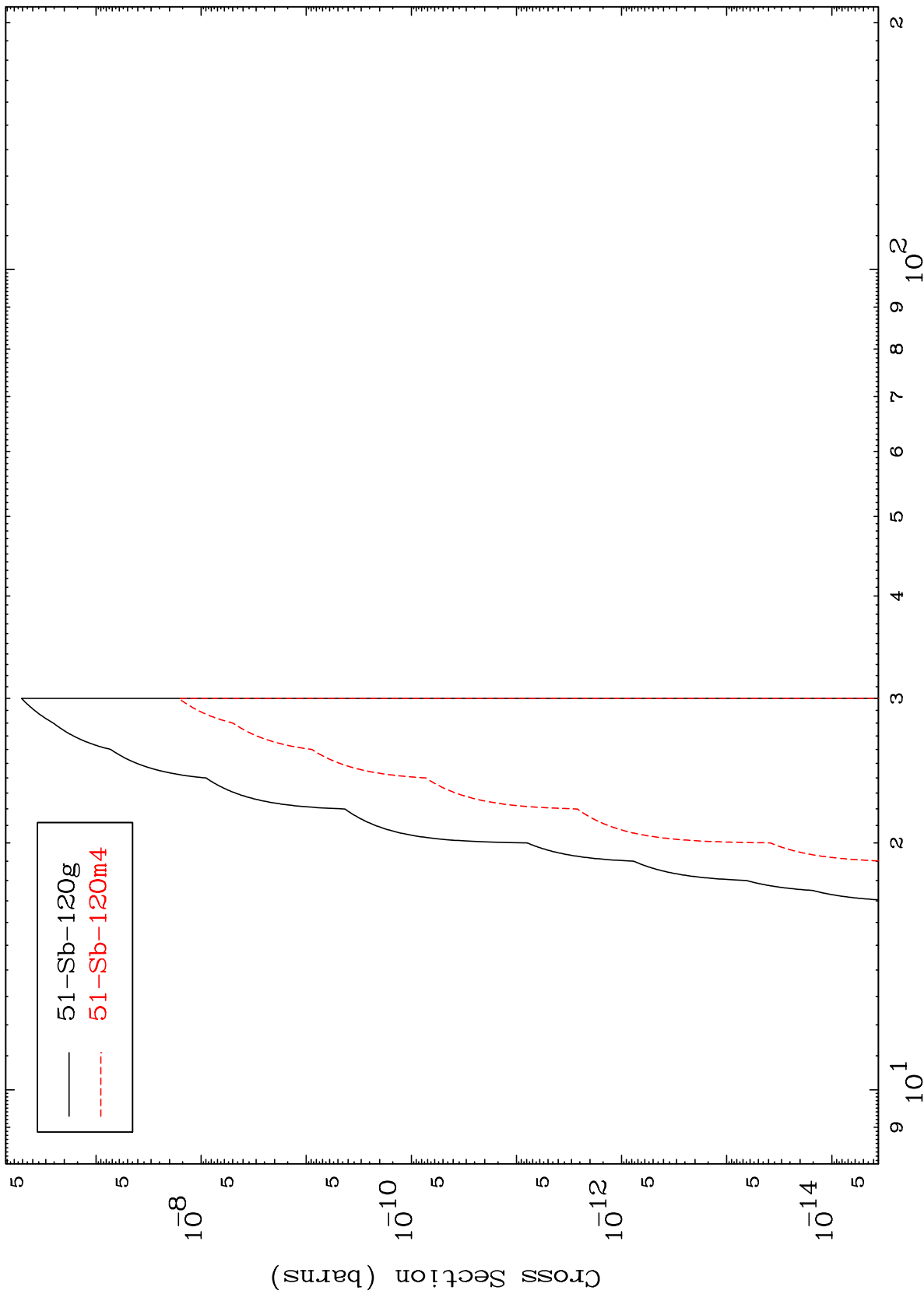


MAT 5428

(n,p)  $\alpha$

54-Xe-125

Radionuclide Production Cross Section



17

Incident Energy (MeV)

54-Xe-125