

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

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

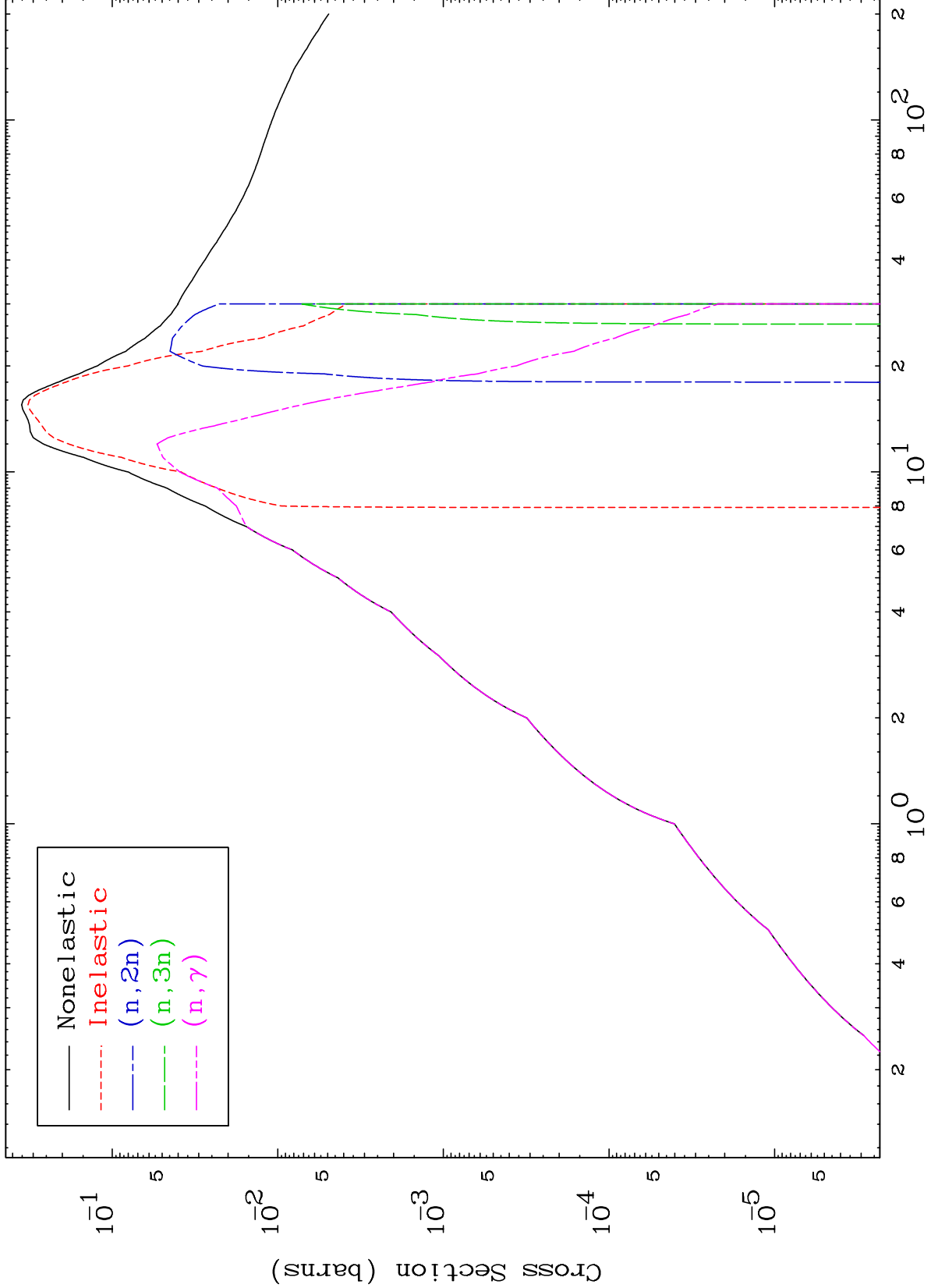
Tele: 925-443-1911

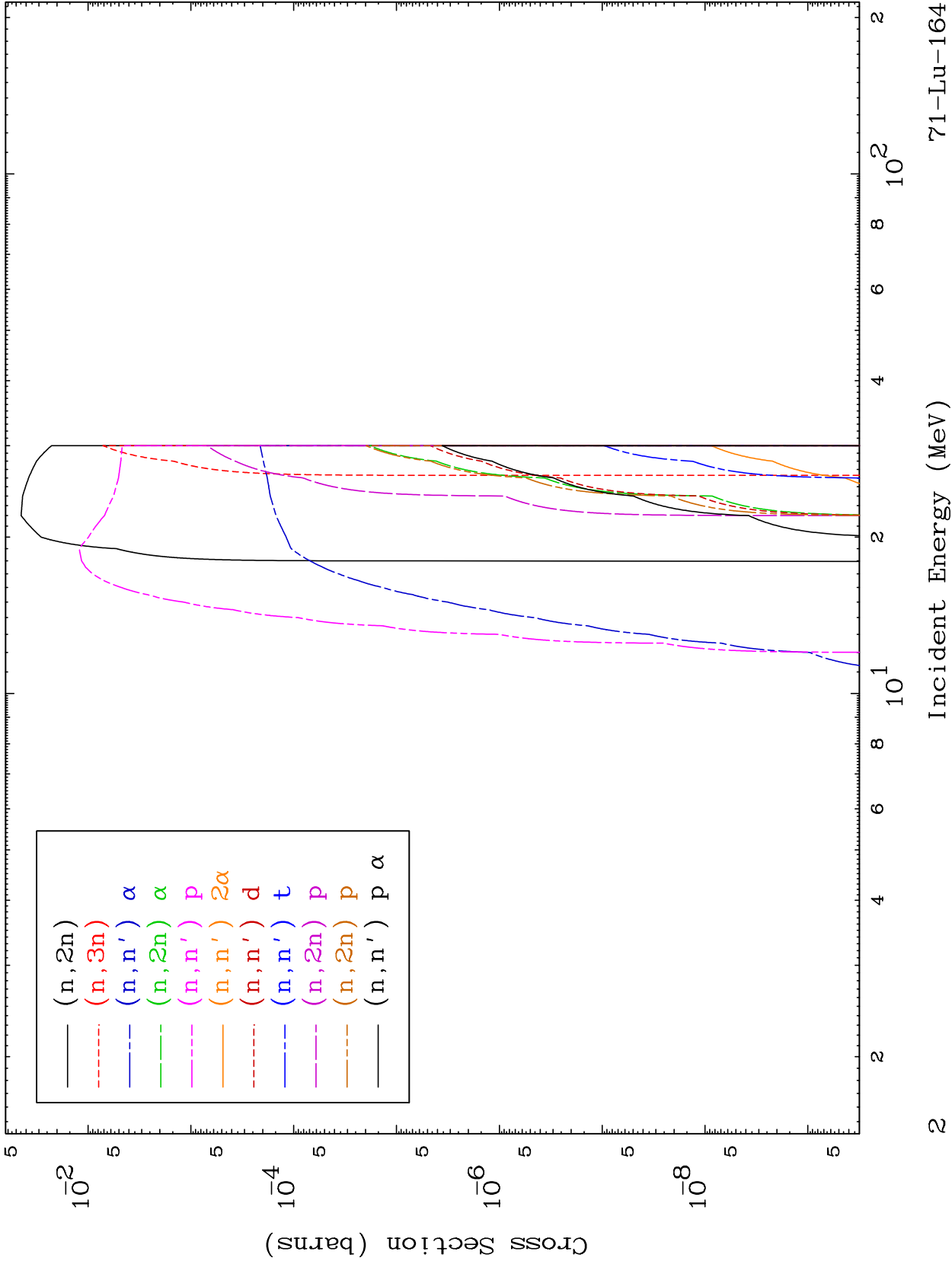
E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

0 Kelvin Cross Sections

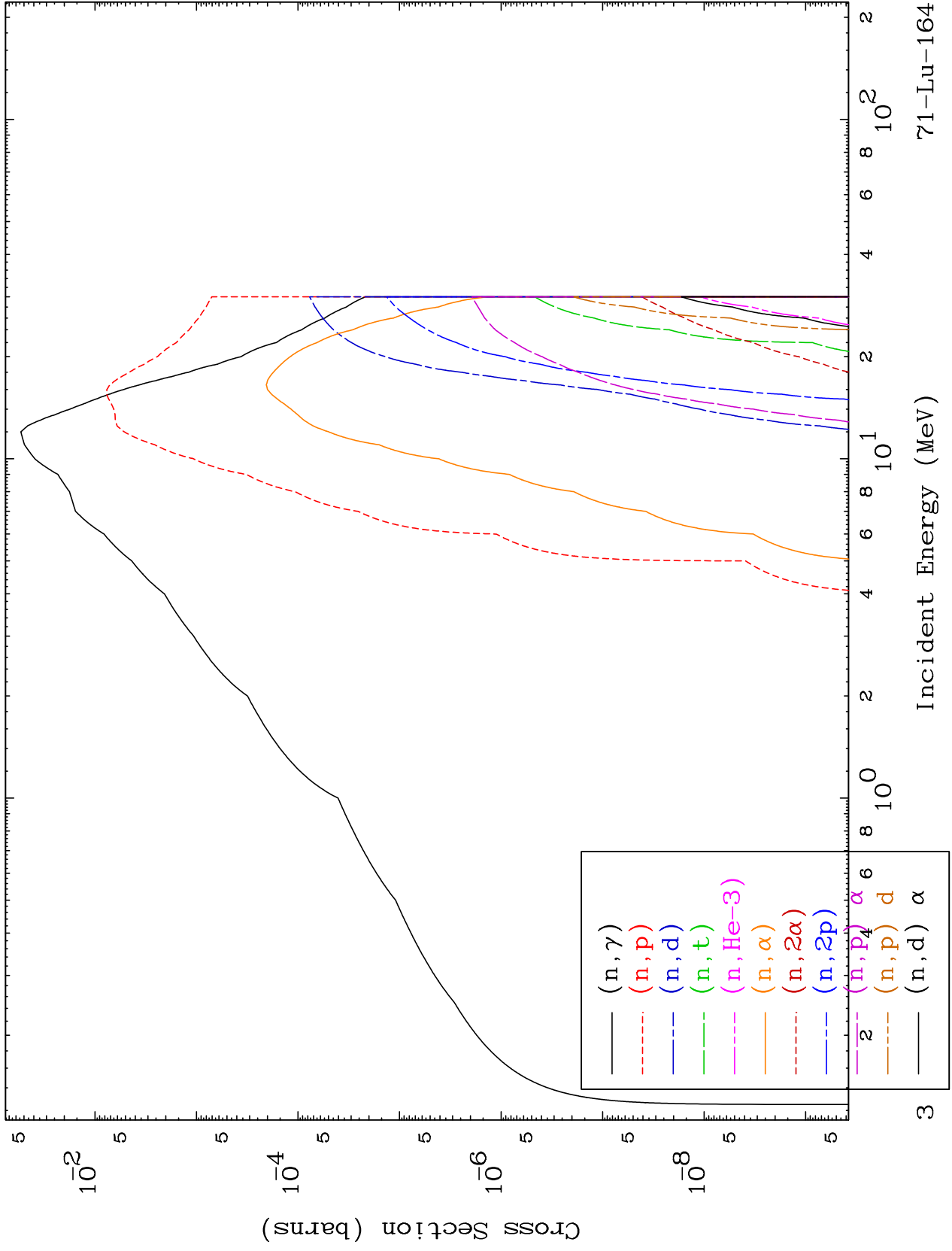


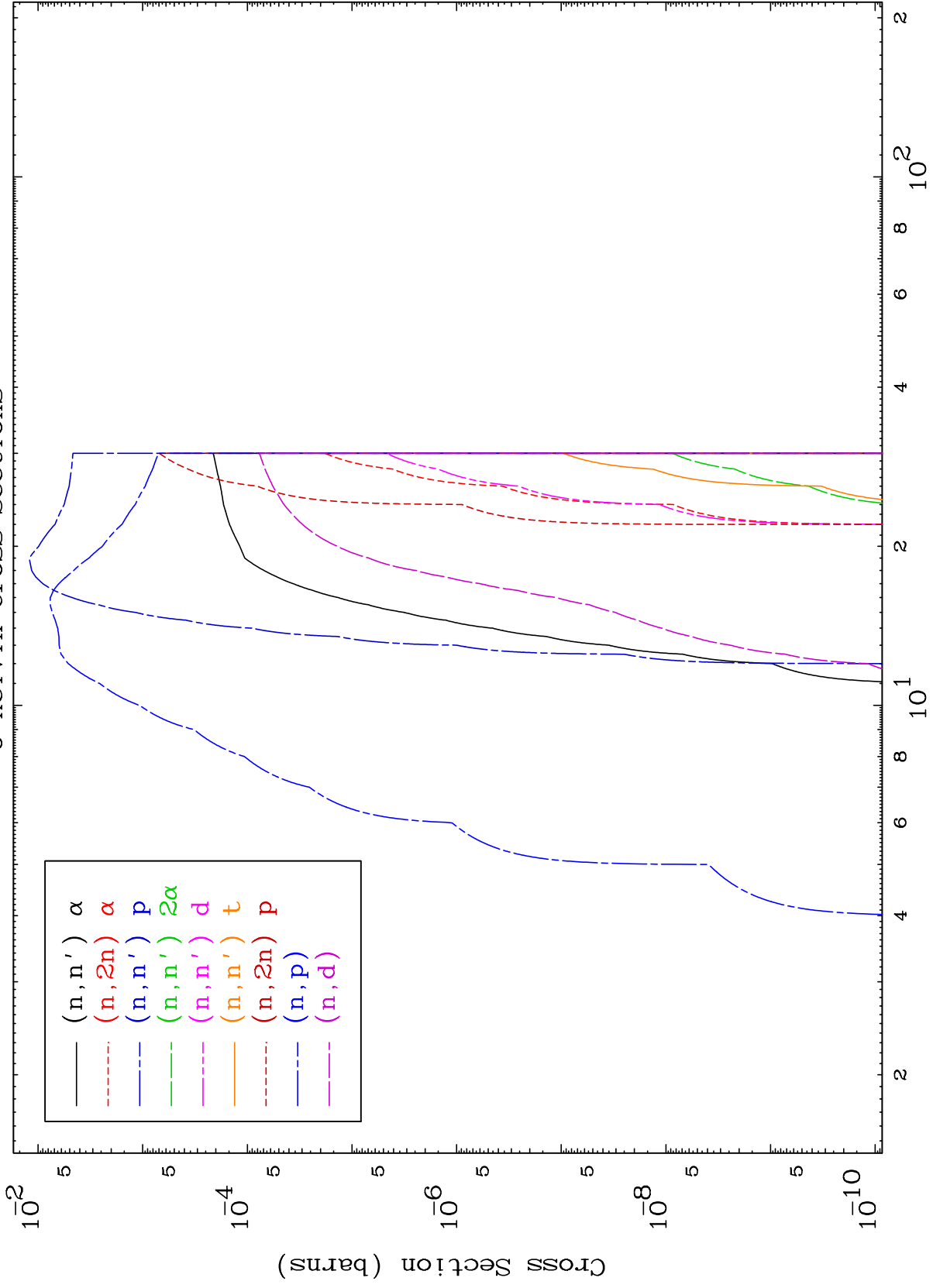


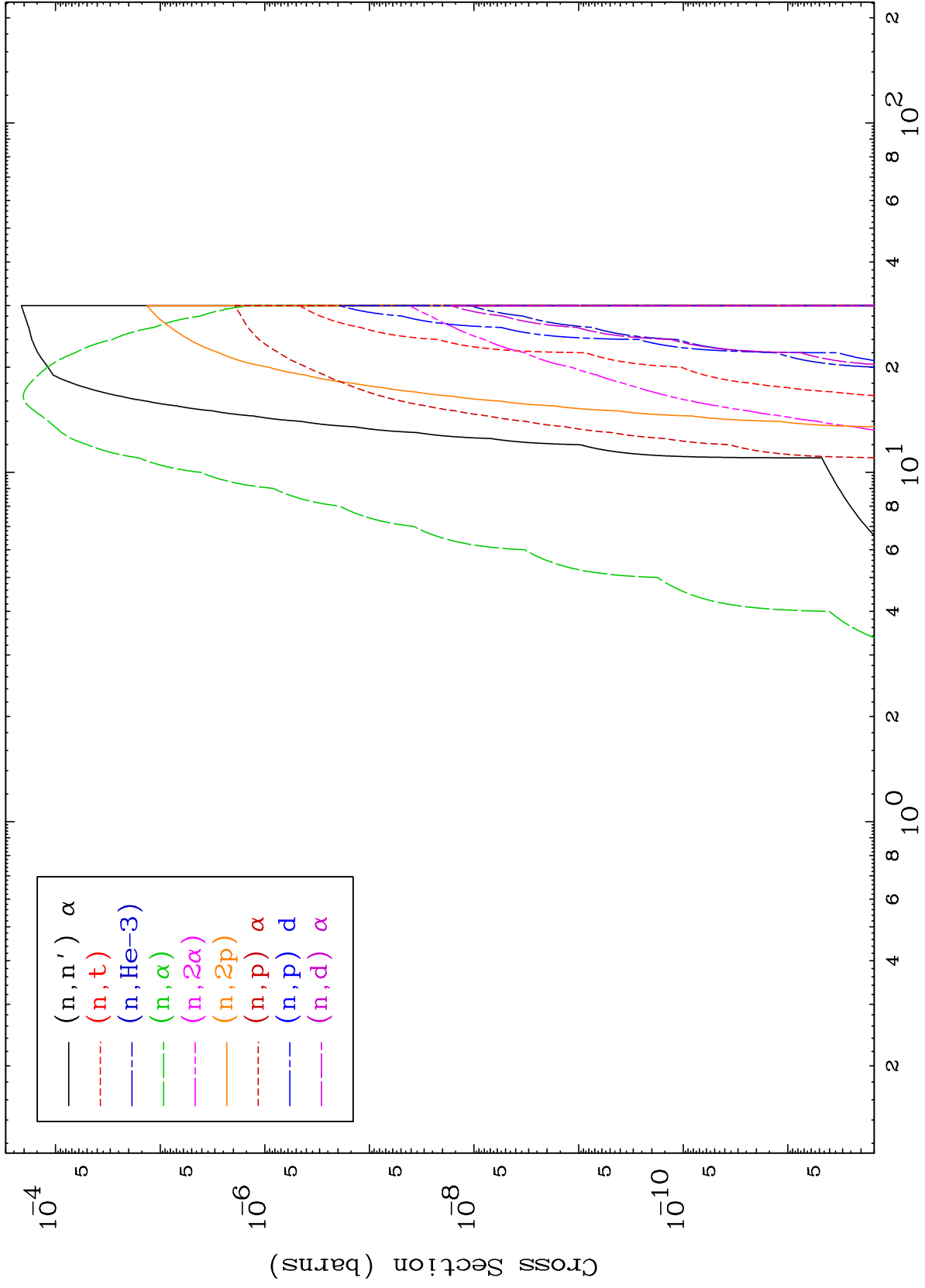
MAT 7092

Photon Neutron Absorption  
0 Kelvin Cross Sections

71-Lu-164





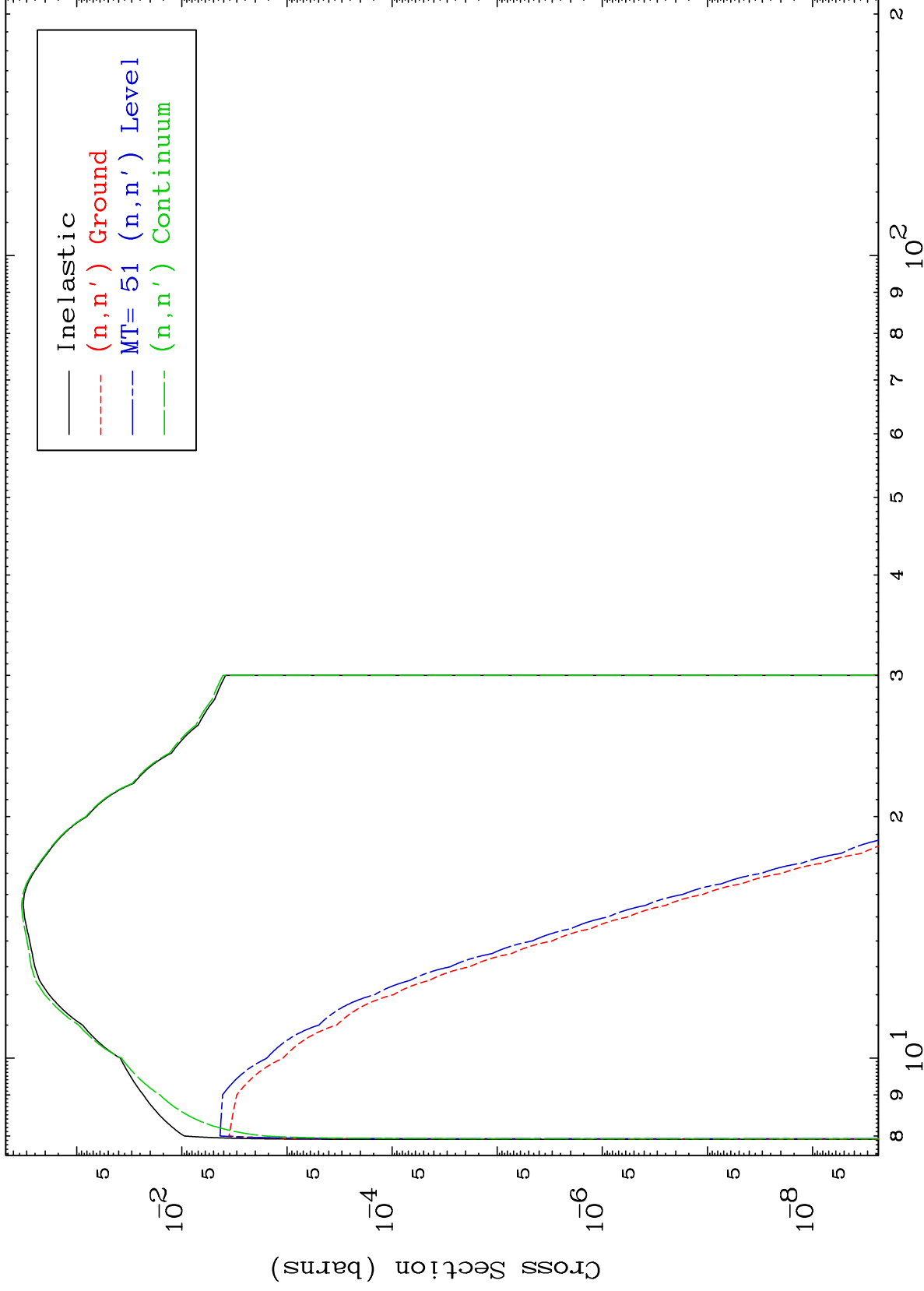


MAT 7092

( $\gamma, n'$ ) Levels

71-Lu-164

0 Kelvin Cross Sections



Incident Energy (MeV)

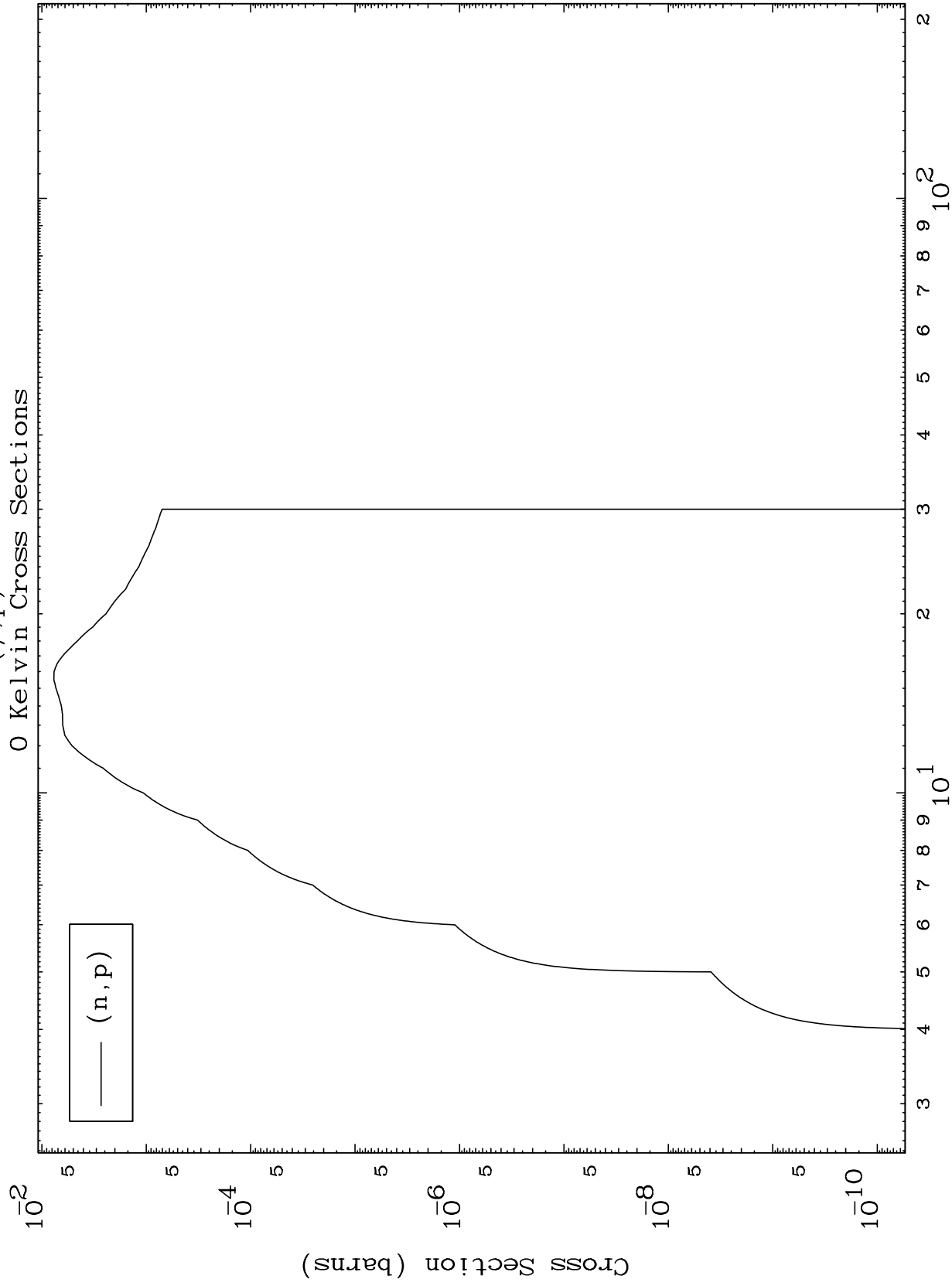
71-Lu-164

6

MAT 7092

( $\gamma, p$ ) Levels

71-Lu-164



7

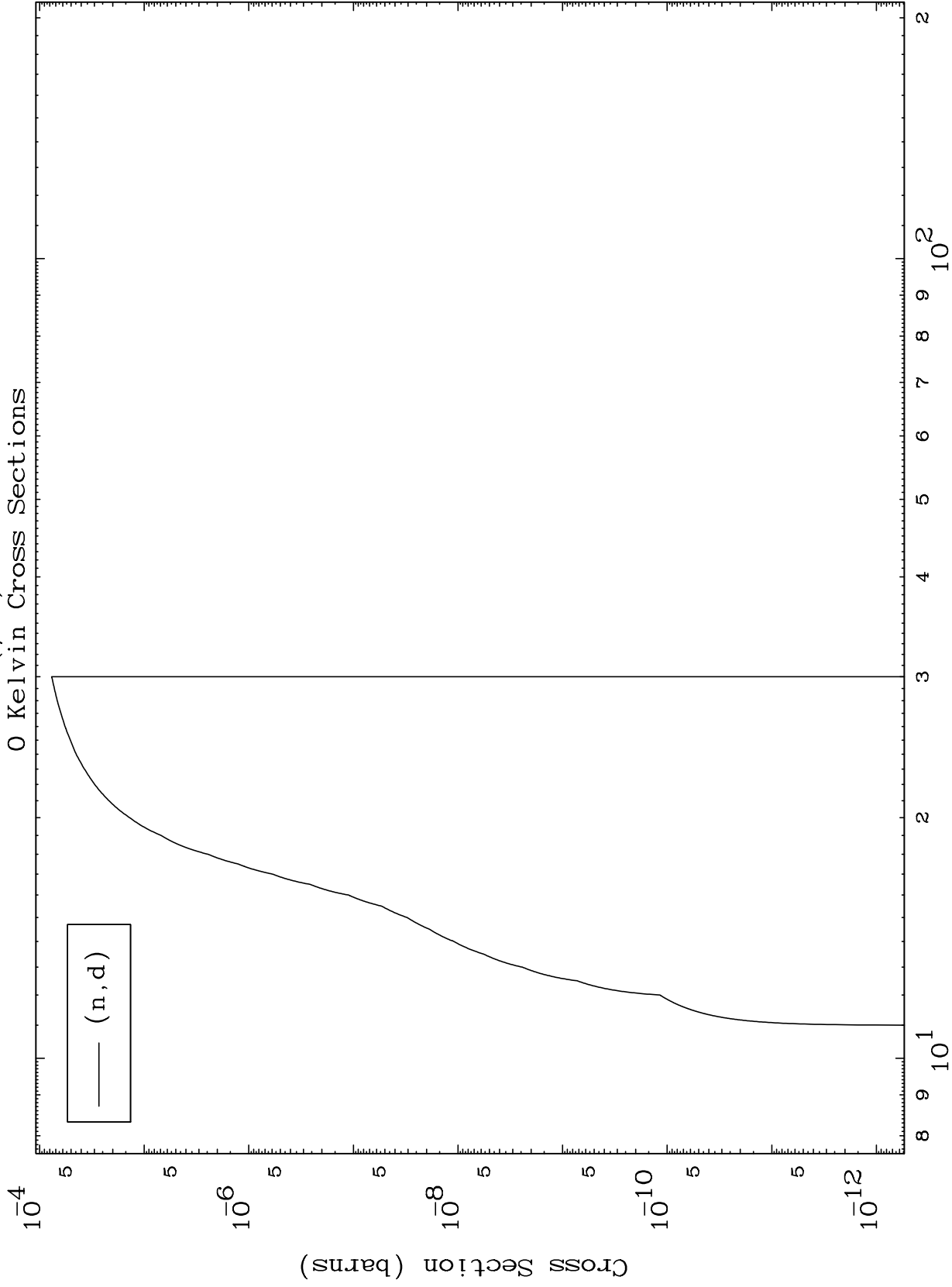
Incident Energy (MeV)

71-Lu-164

MAT 7092

( $\gamma, d$ ) Levels

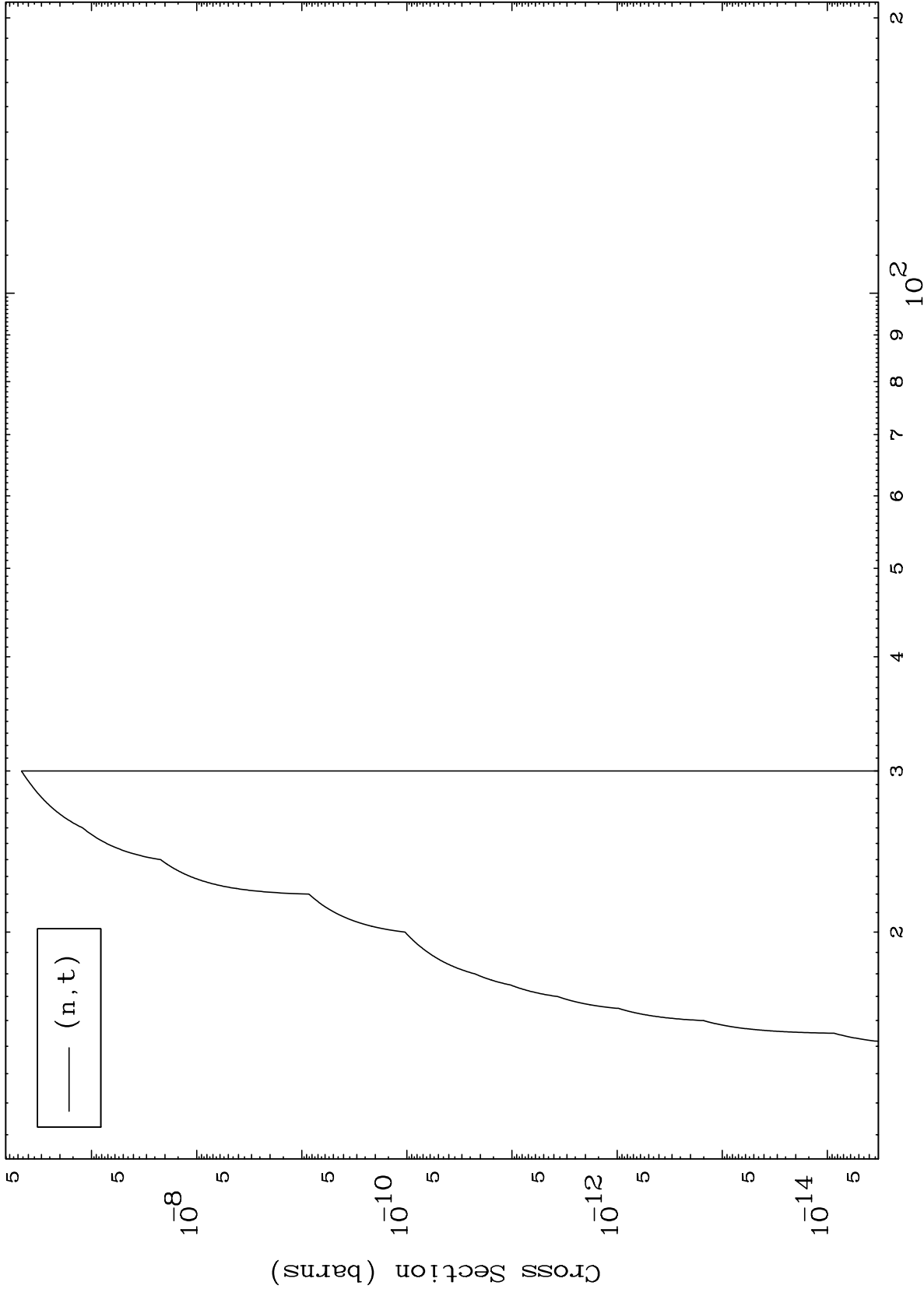
$^{71}\text{Lu-164}$



8

Incident Energy (MeV)

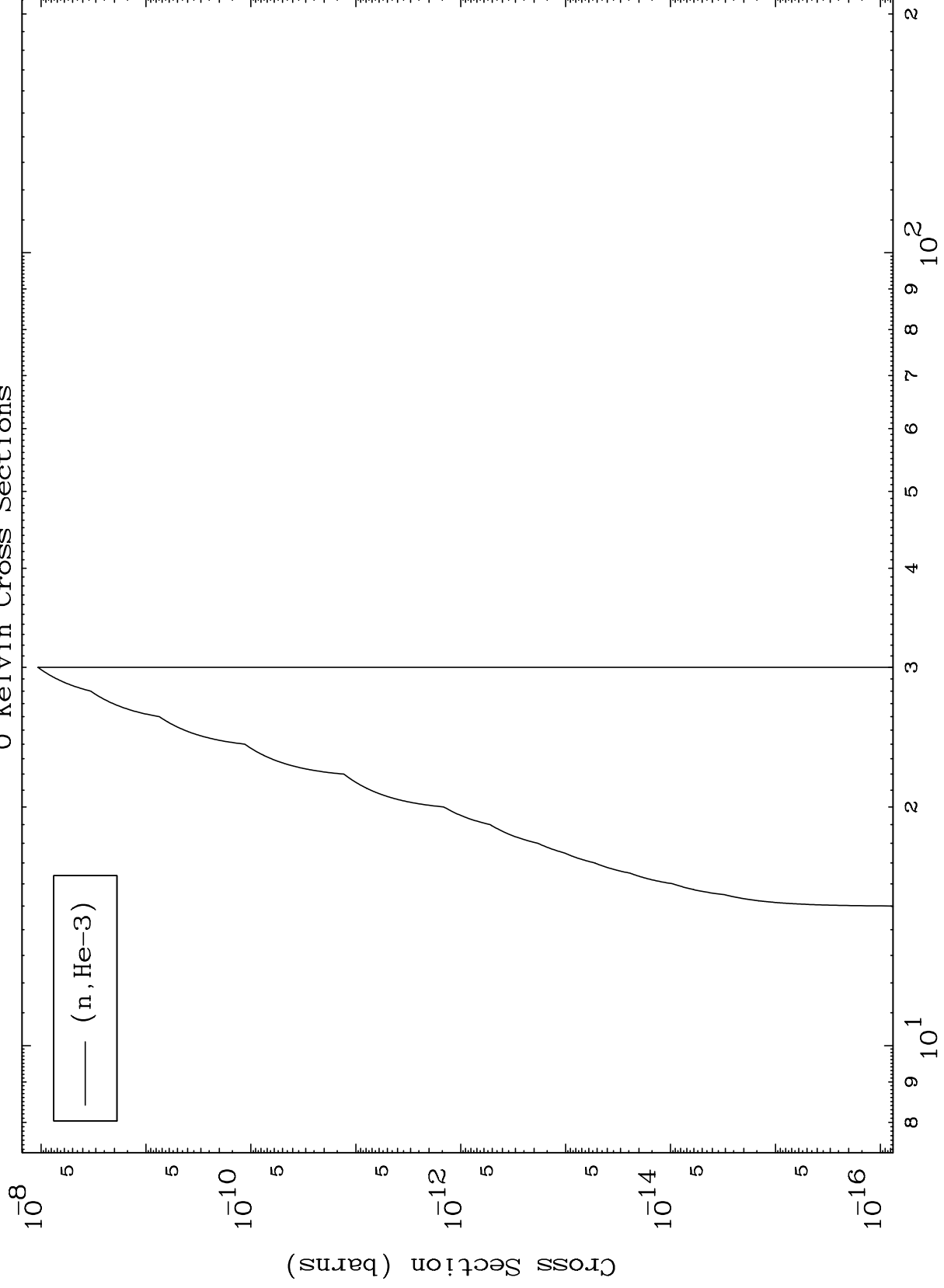
$^{71}\text{Lu-164}$



MAT 7092

71-Lu-164

( $\gamma, \text{He}3$ ) Levels  
0 Kelvin Cross Sections



71-Lu-164

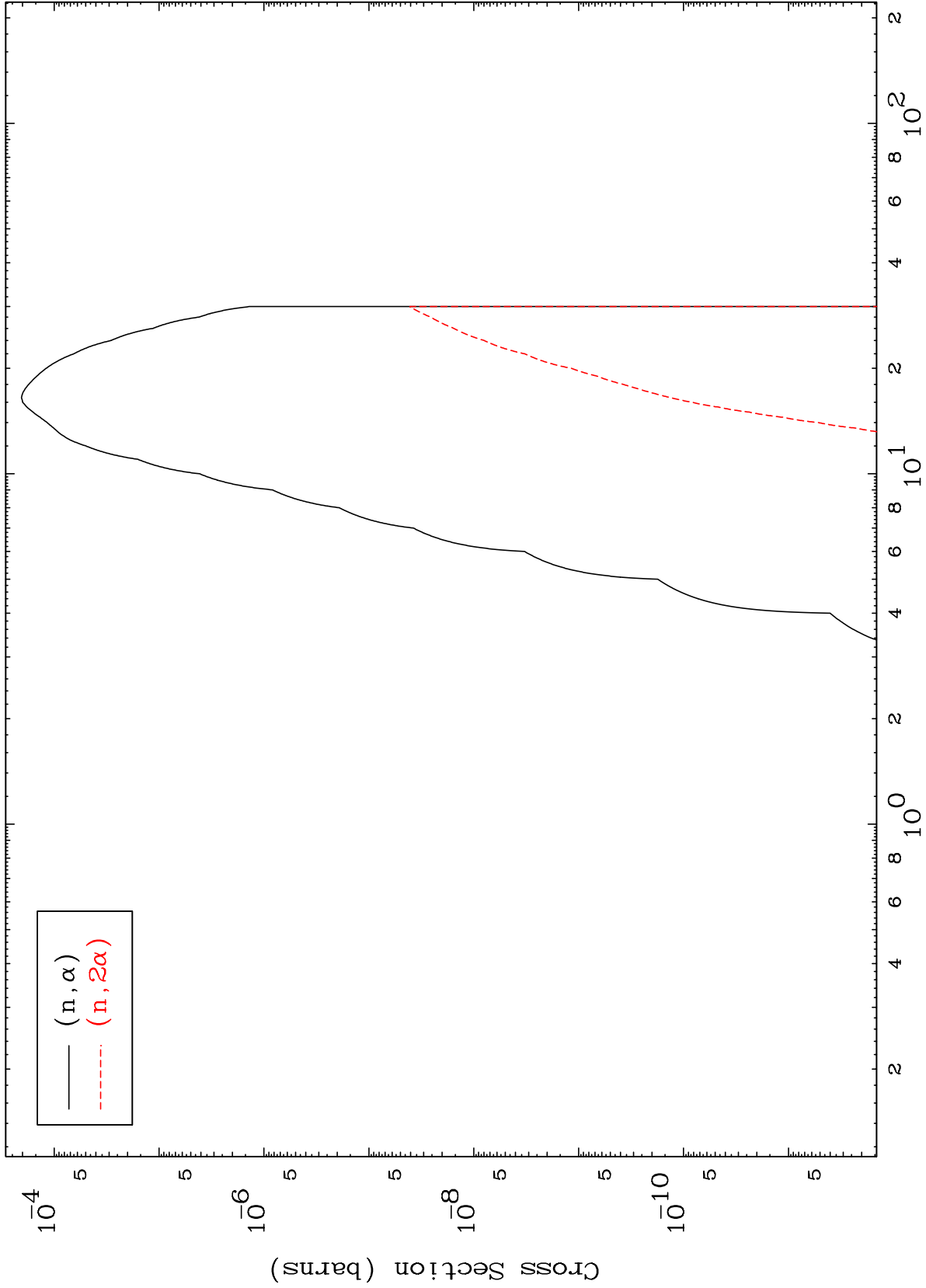
Incident Energy (MeV)

10

MAT 7092

71-Lu-164

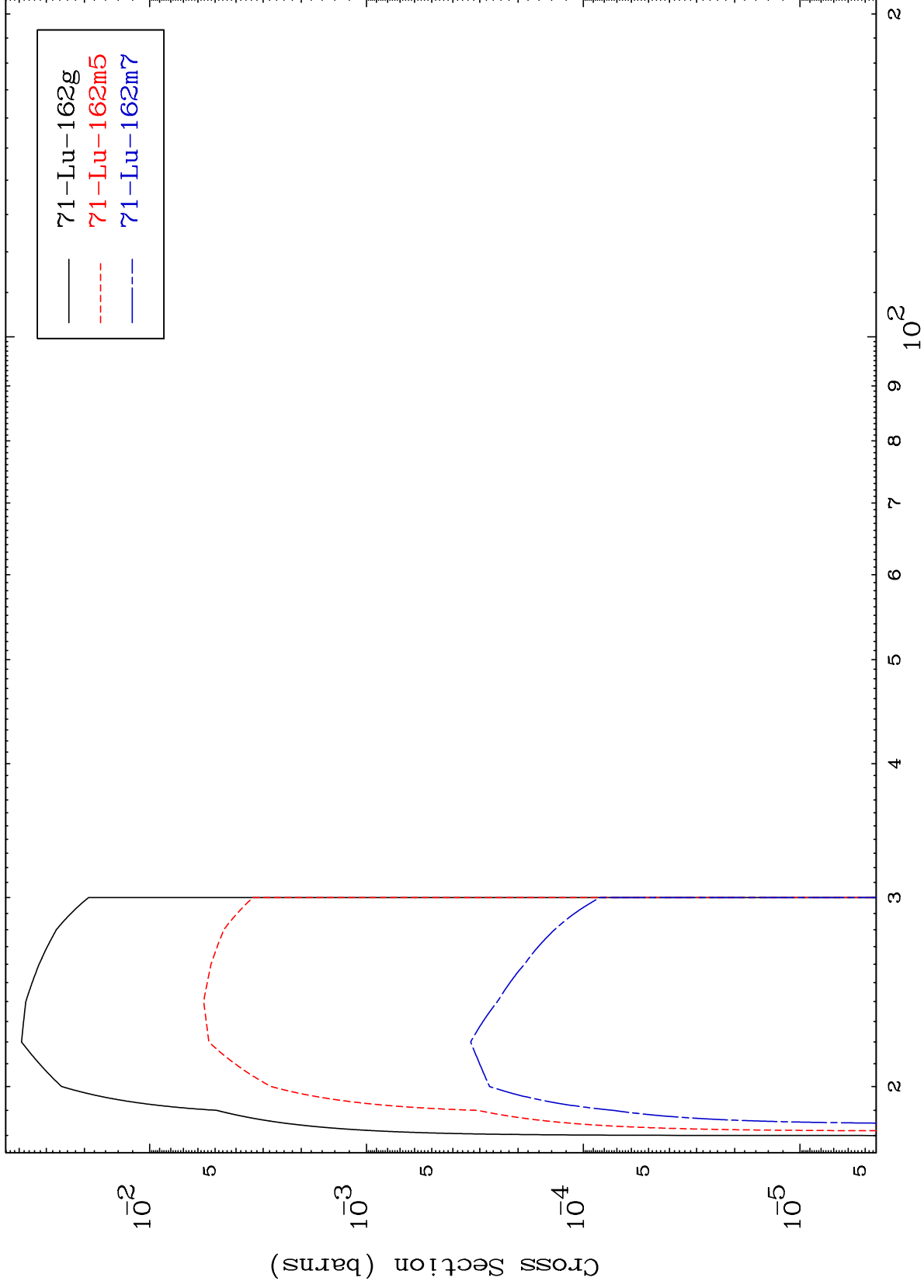
( $\gamma, \alpha$ ) Levels  
0 Kelvin Cross Sections



MAT 7092

71-Lu-164

(n,2n)  
Radionuclide Production Cross Section



12

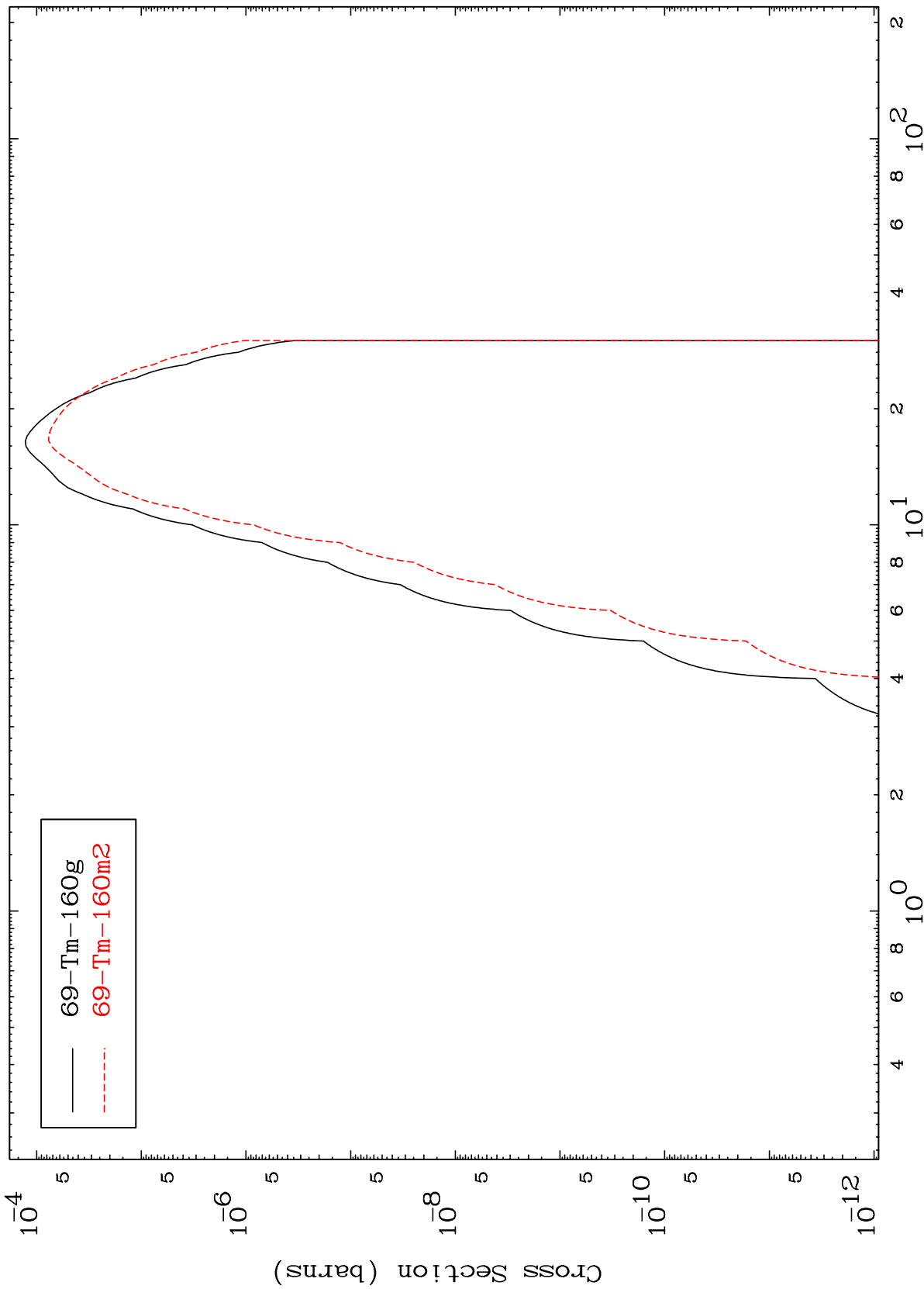
Incident Energy (MeV)

71-Lu-164

MAT 7092

71-Lu-164

Radionuclide Production Cross Section



Incident Energy (MeV)

71-Lu-164

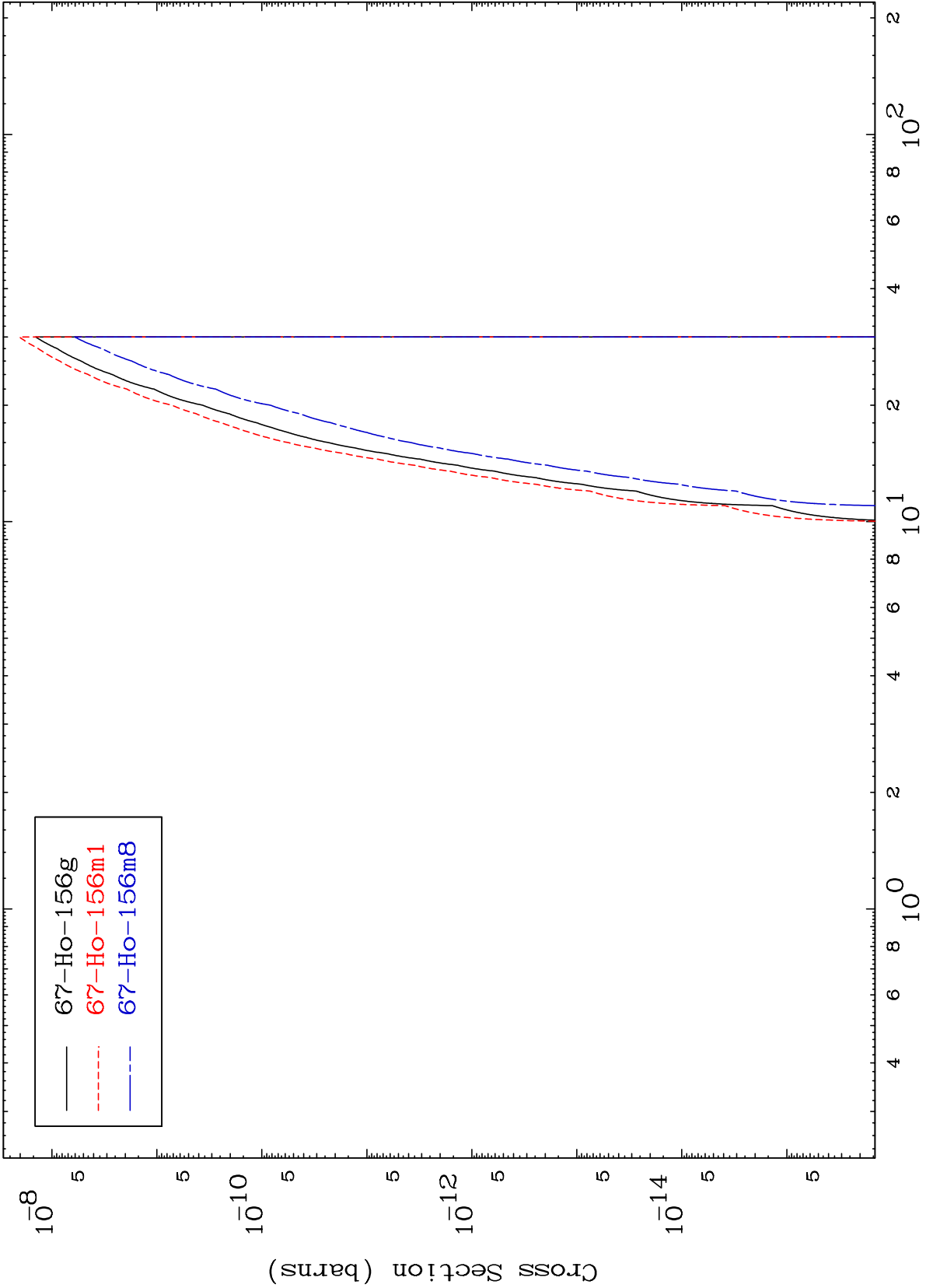
13

MAT 7092

(n,2α)

<sup>71</sup>Lu-164

Radionuclide Production Cross Section



14

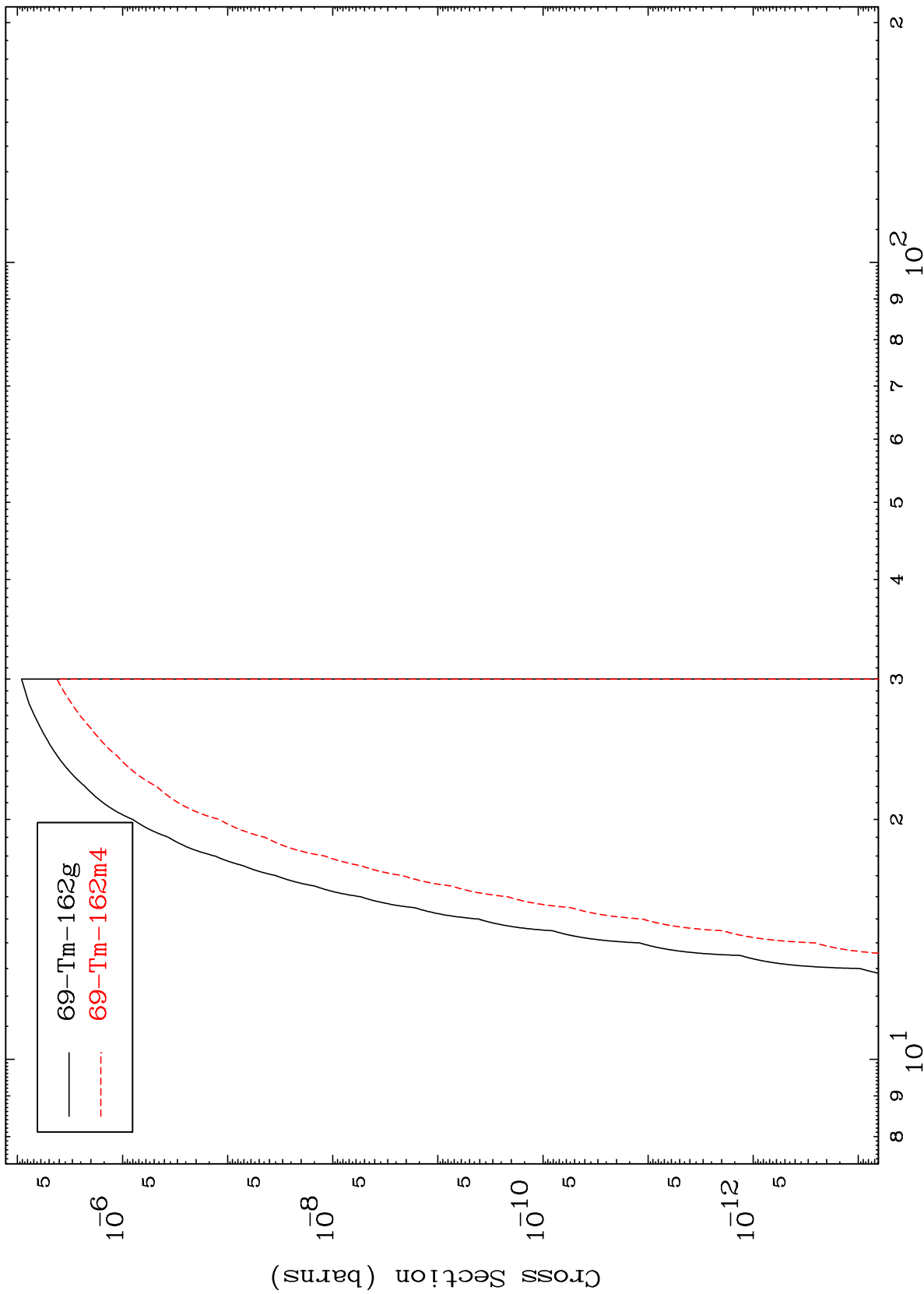
Incident Energy (MeV)

<sup>71</sup>Lu-164

MAT 7092

71-Lu-164

(n,2p)  
Radionuclide Production Cross Section



71-Lu-164

Incident Energy (MeV)

15