

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

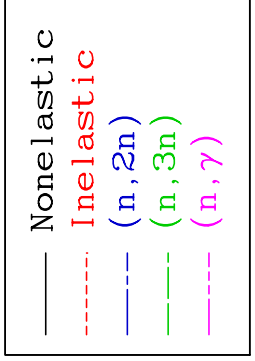
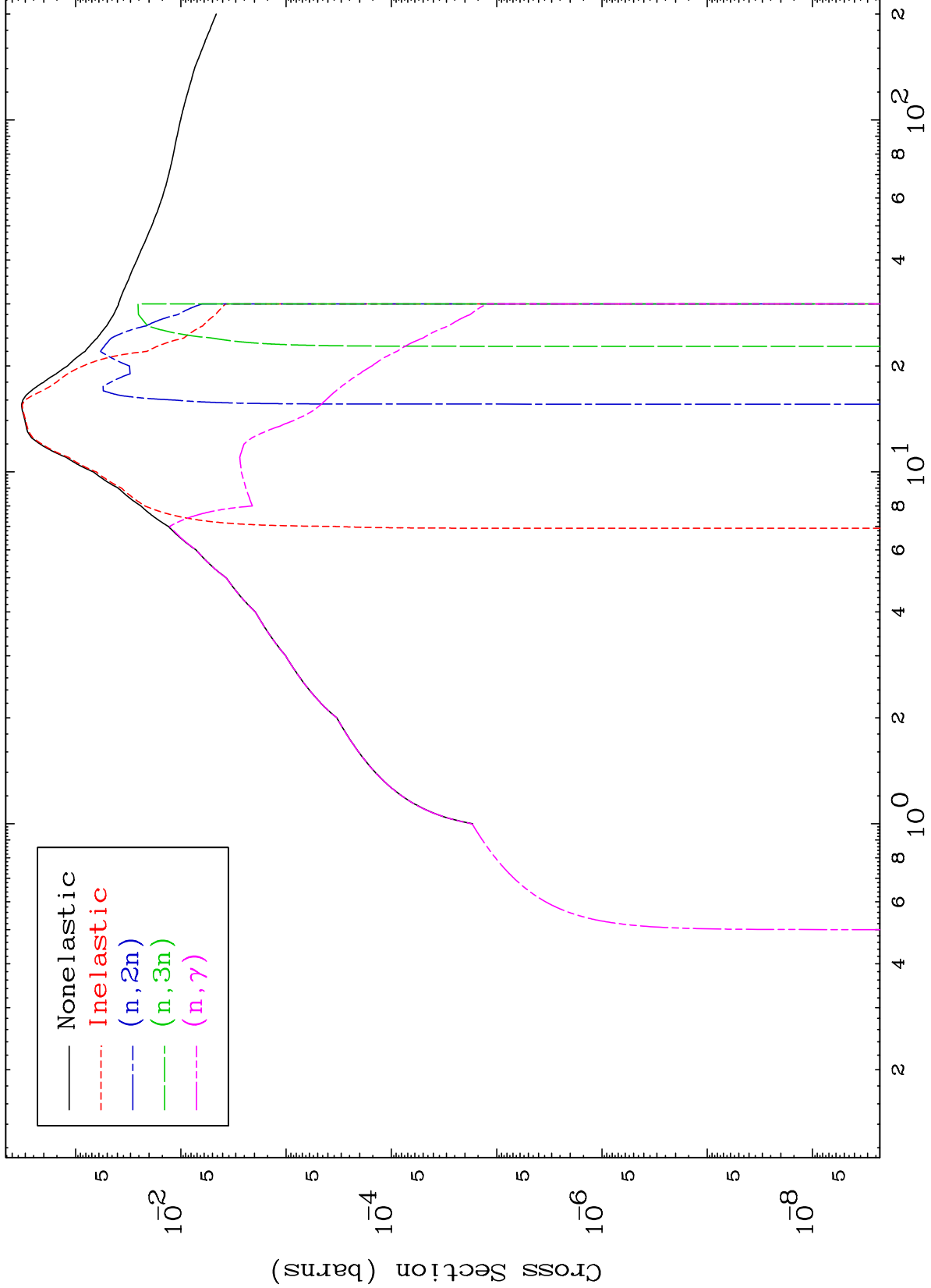
Press Mouse Button to Start

MAT 6510

Photon Major

65-Tb-154

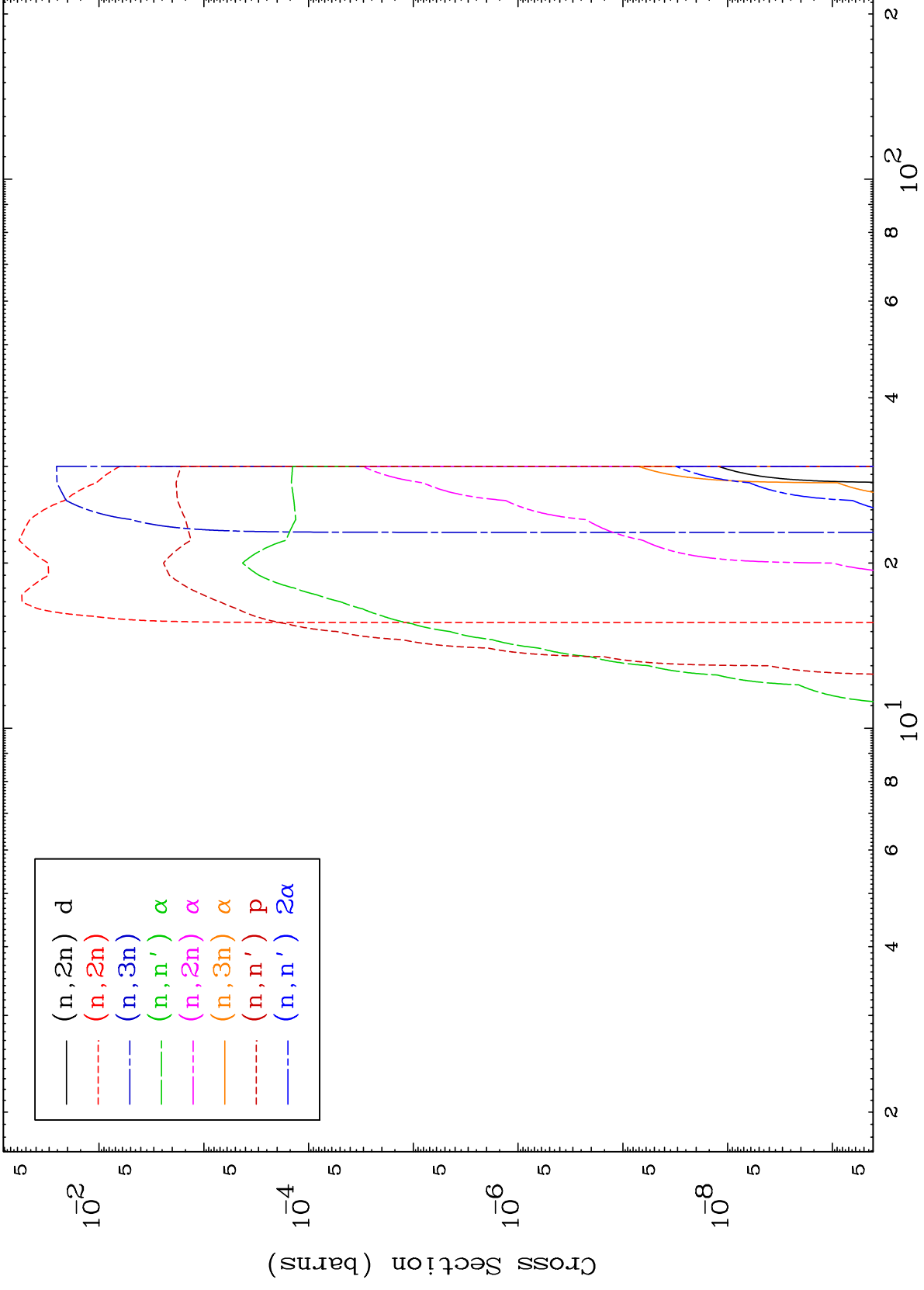
0 Kelvin Cross Sections



MAT 6510

Photon Neutron Absorption  
0 Kelvin Cross Sections

65-Tb-154



65-Tb-154

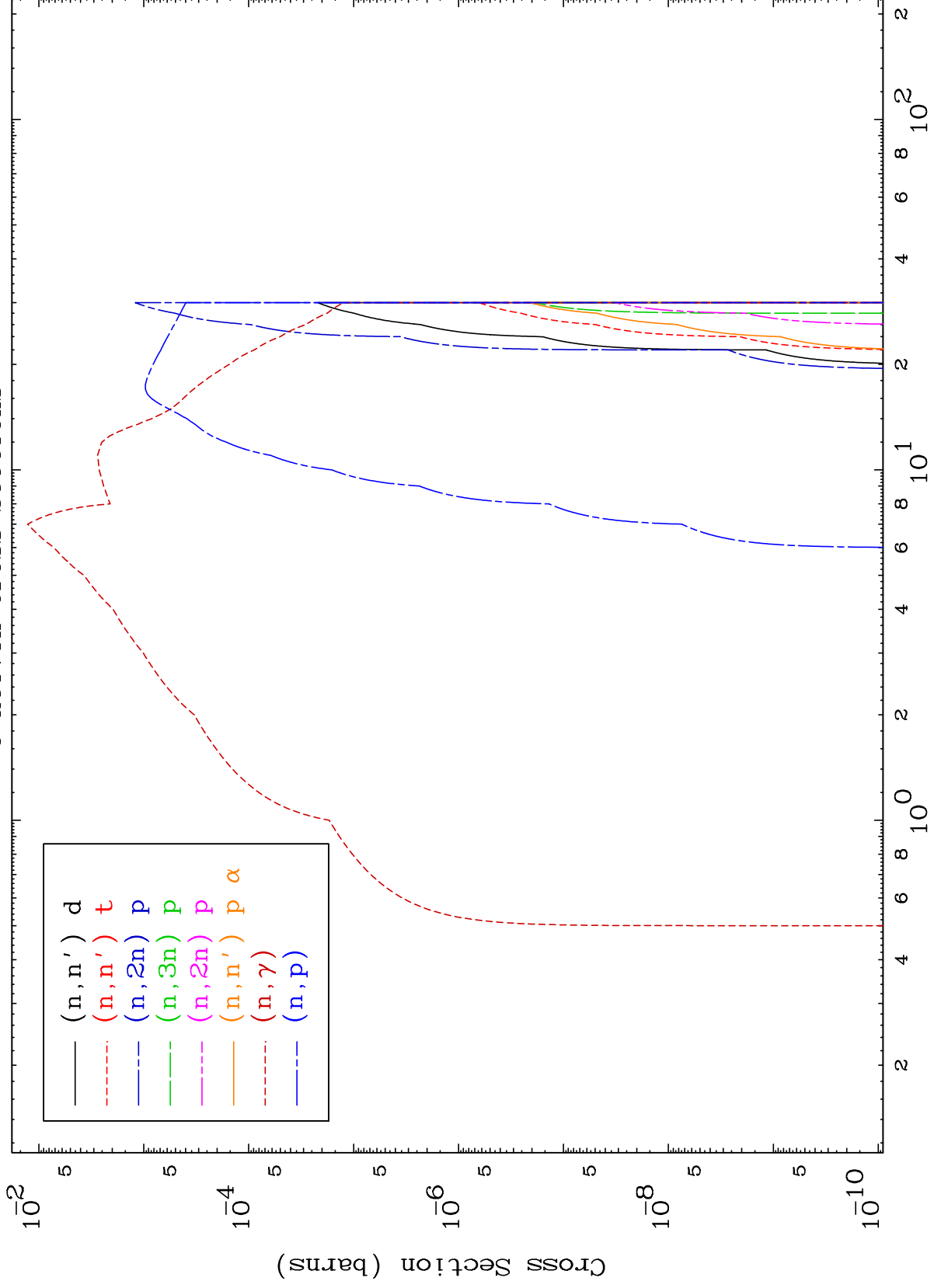
Incident Energy (MeV)

2

MAT 6510

Photon Neutron Absorption  
0 Kelvin Cross Sections

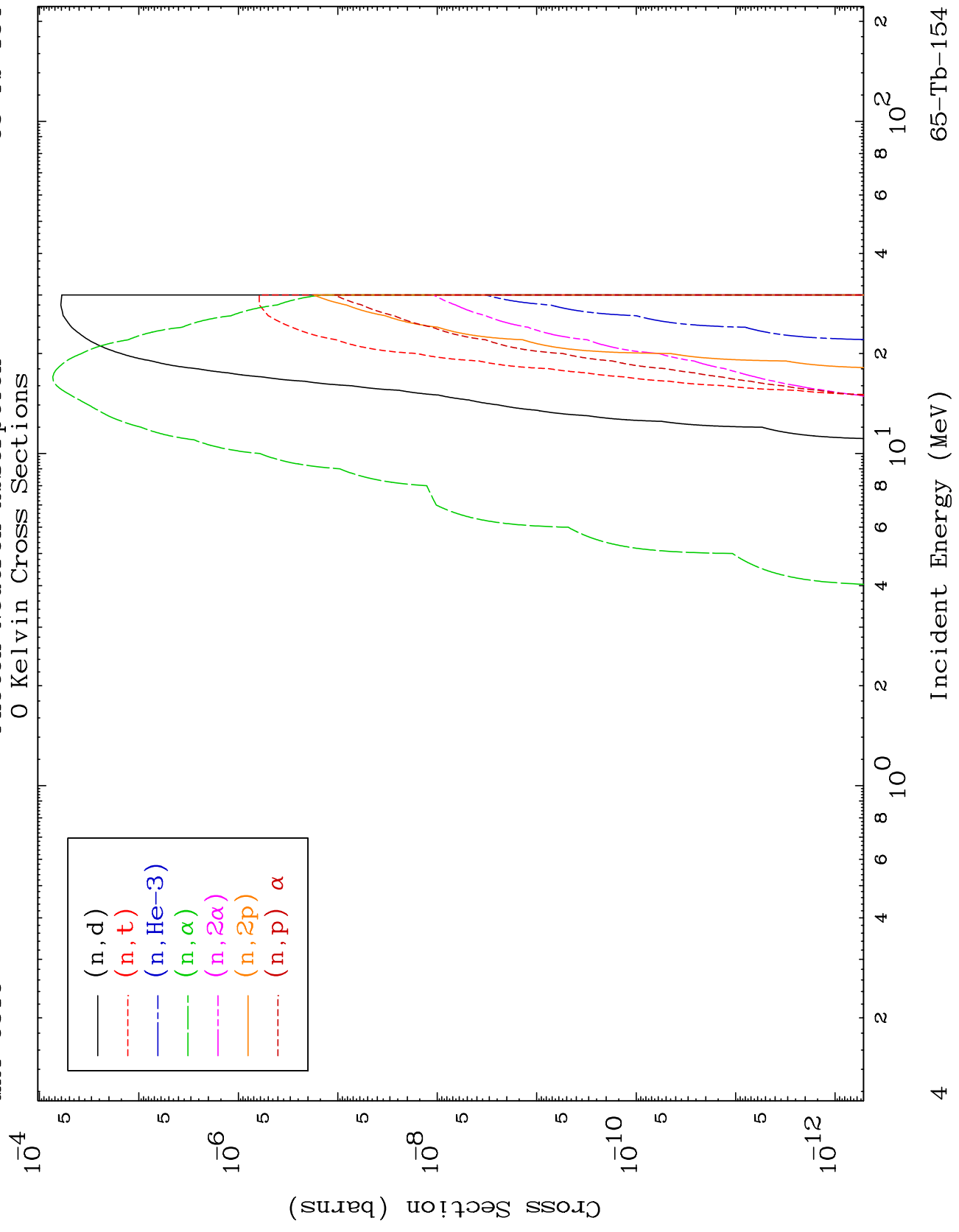
65-Tb-154



MAT 6510

Photon Neutron Absorption  
0 Kelvin Cross Sections

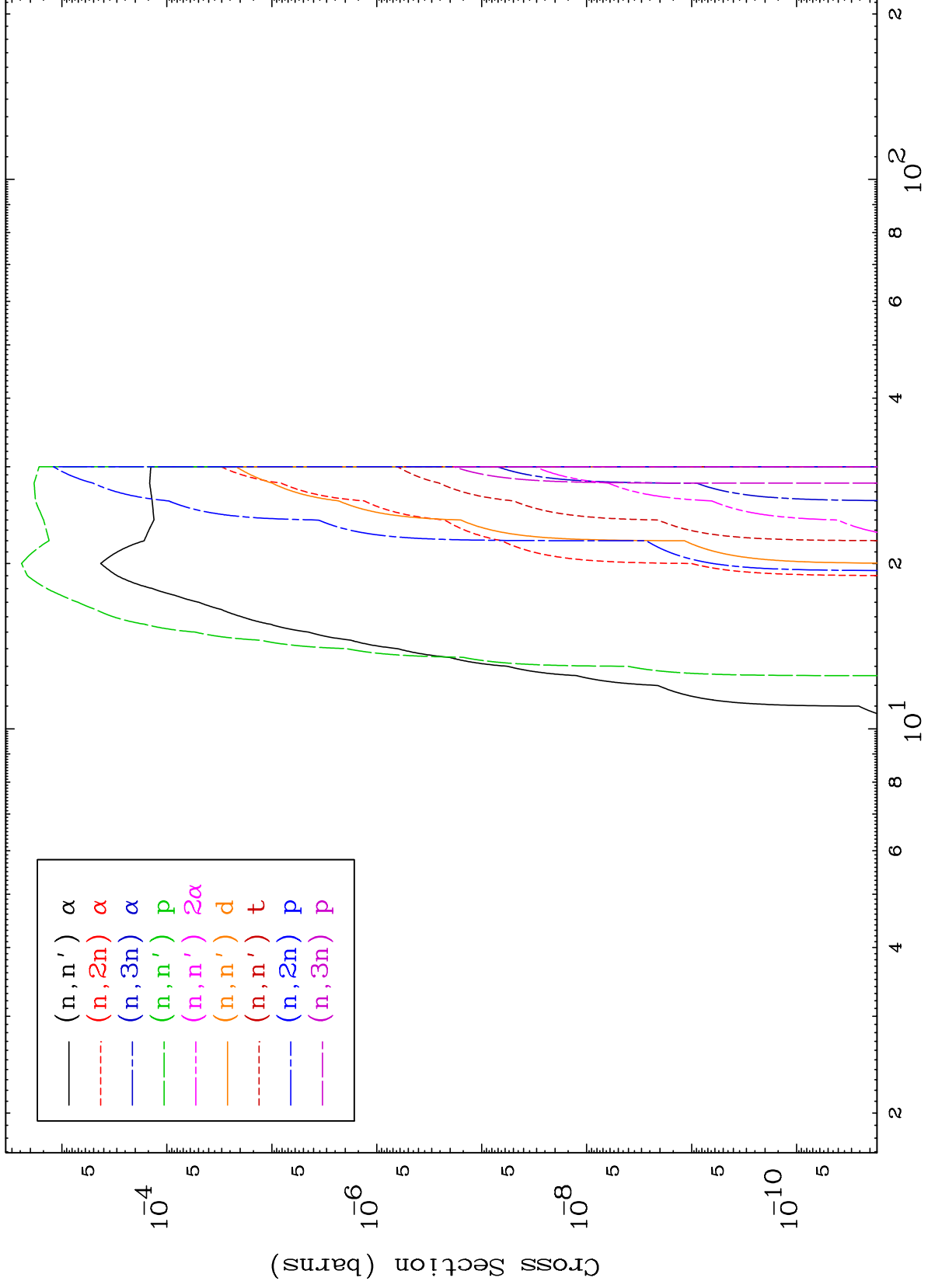
65-Tb-154



MAT 6510

Photon Charged Particle  
0 Kelvin Cross Sections

65-Tb-154



5

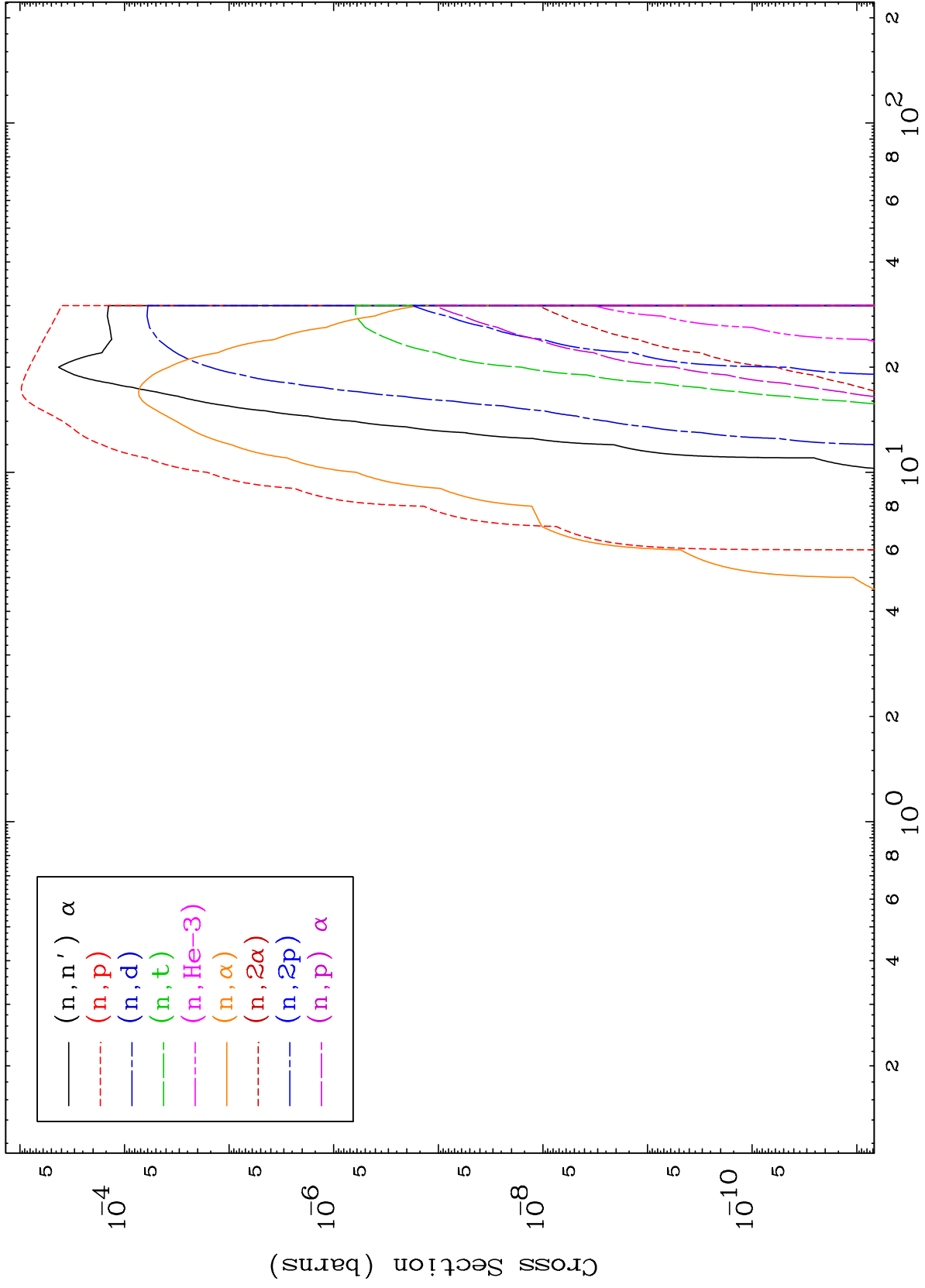
Incident Energy (MeV)

65-Tb-154

MAT 6510

Photon Charged Particle  
0 Kelvin Cross Sections

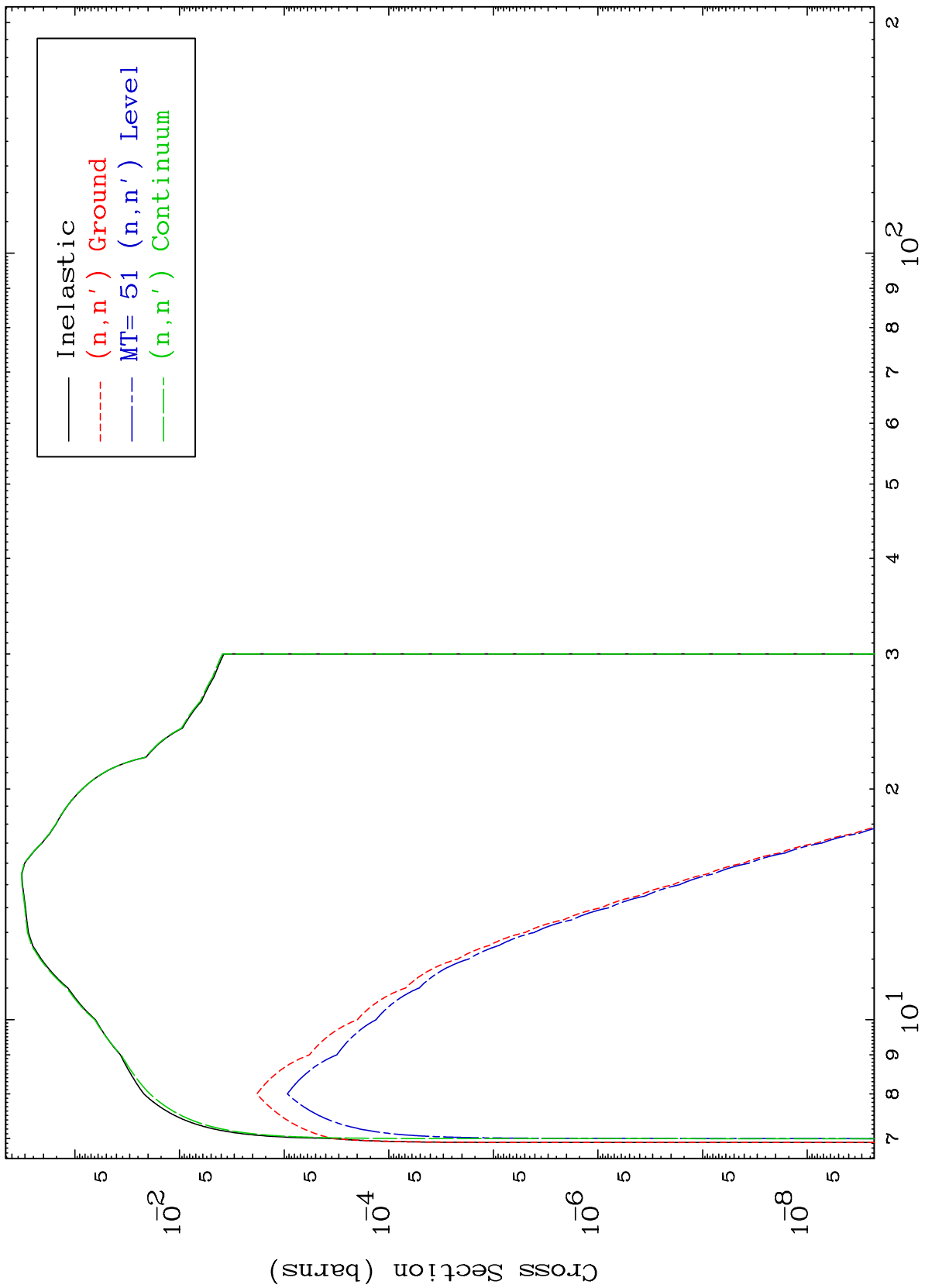
65-Tb-154



MAT 6510

65-Tb-154

( $\gamma, n'$ ) Levels  
0 Kelvin Cross Sections



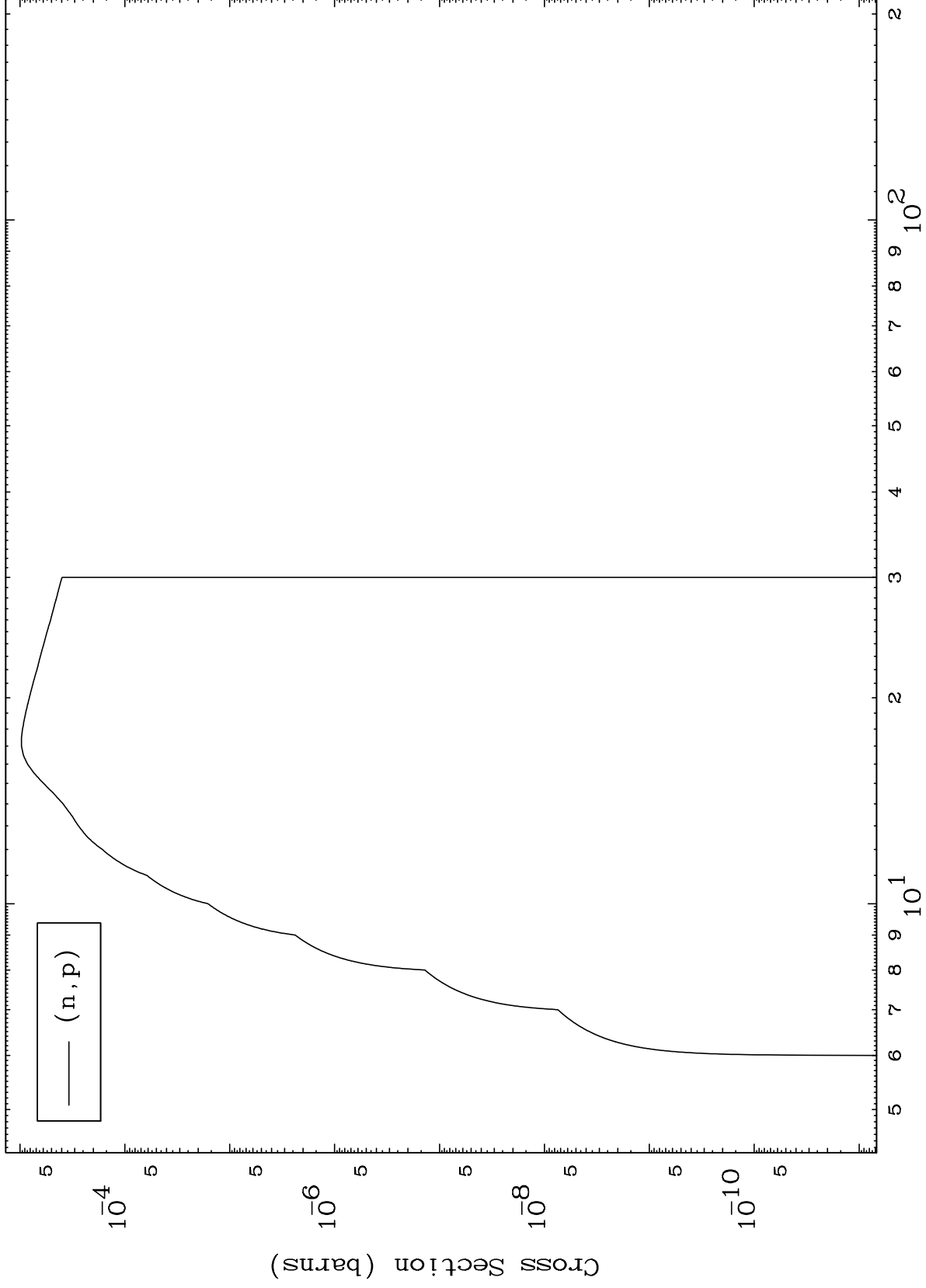
65-Tb-154

Incident Energy (MeV)

MAT 6510

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

65-Tb-154



8

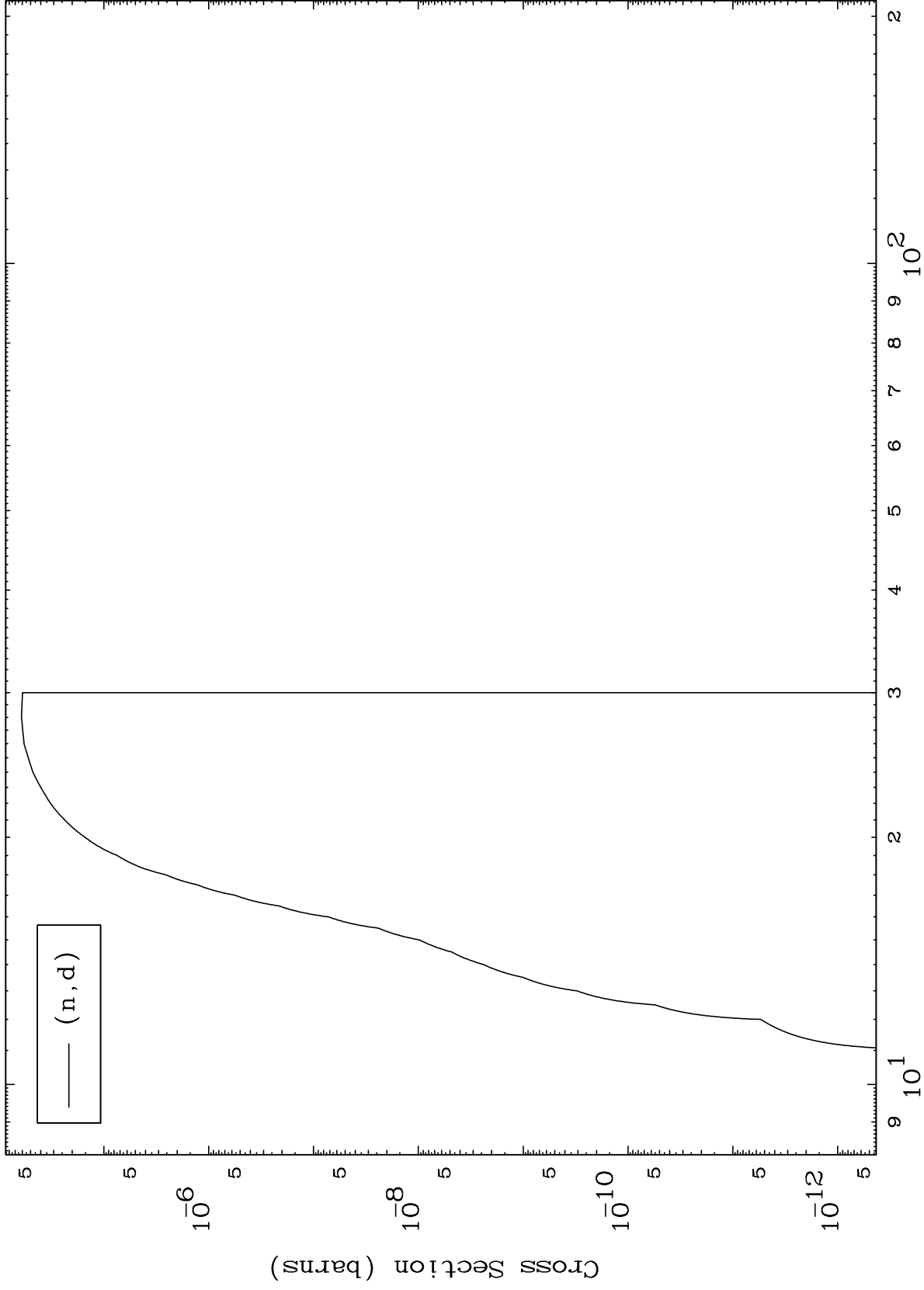
Incident Energy (MeV)

65-Tb-154

MAT 6510

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

65-Tb-154



9

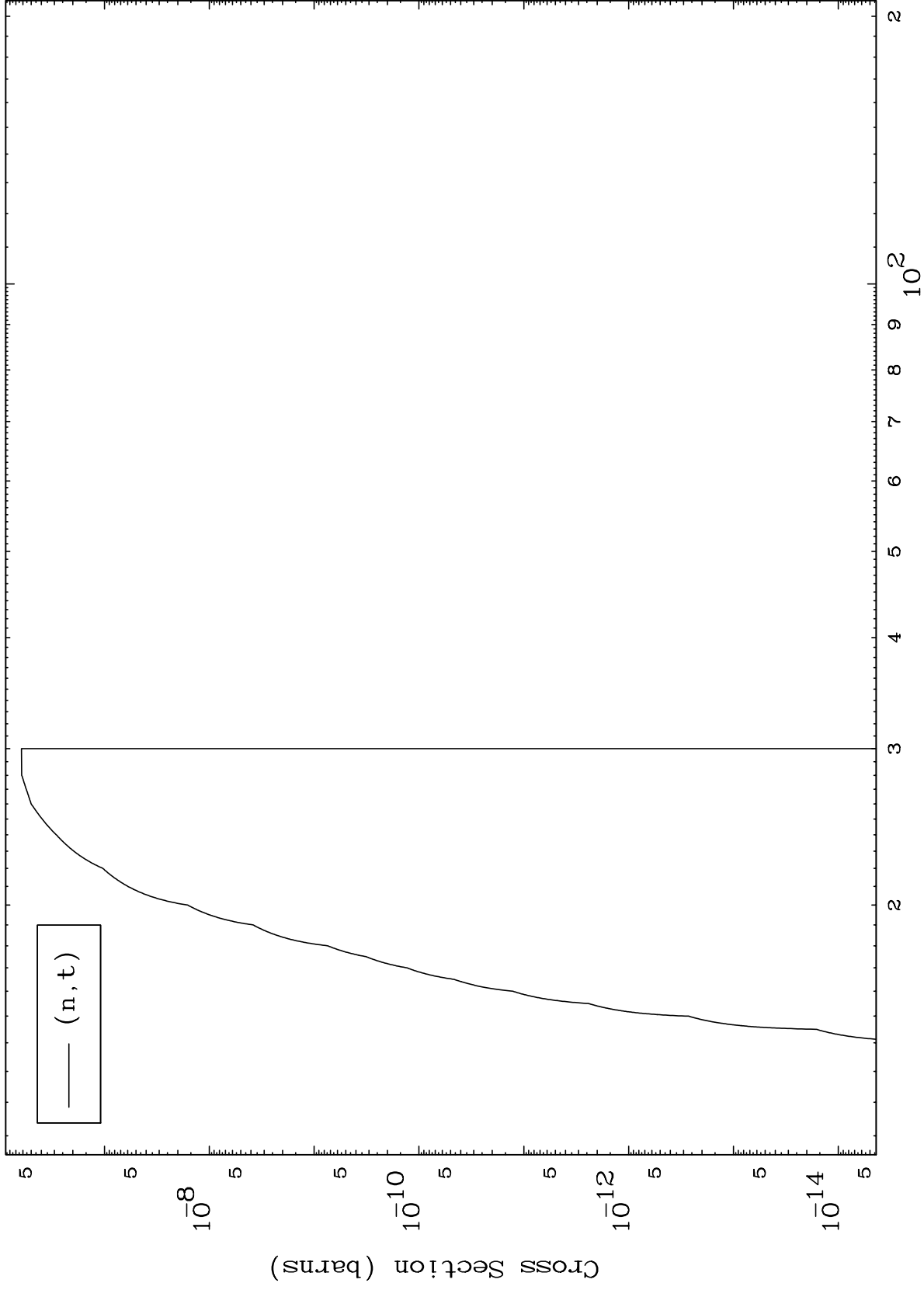
Incident Energy (MeV)

65-Tb-154

MAT 6510

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

65-Tb-154



10

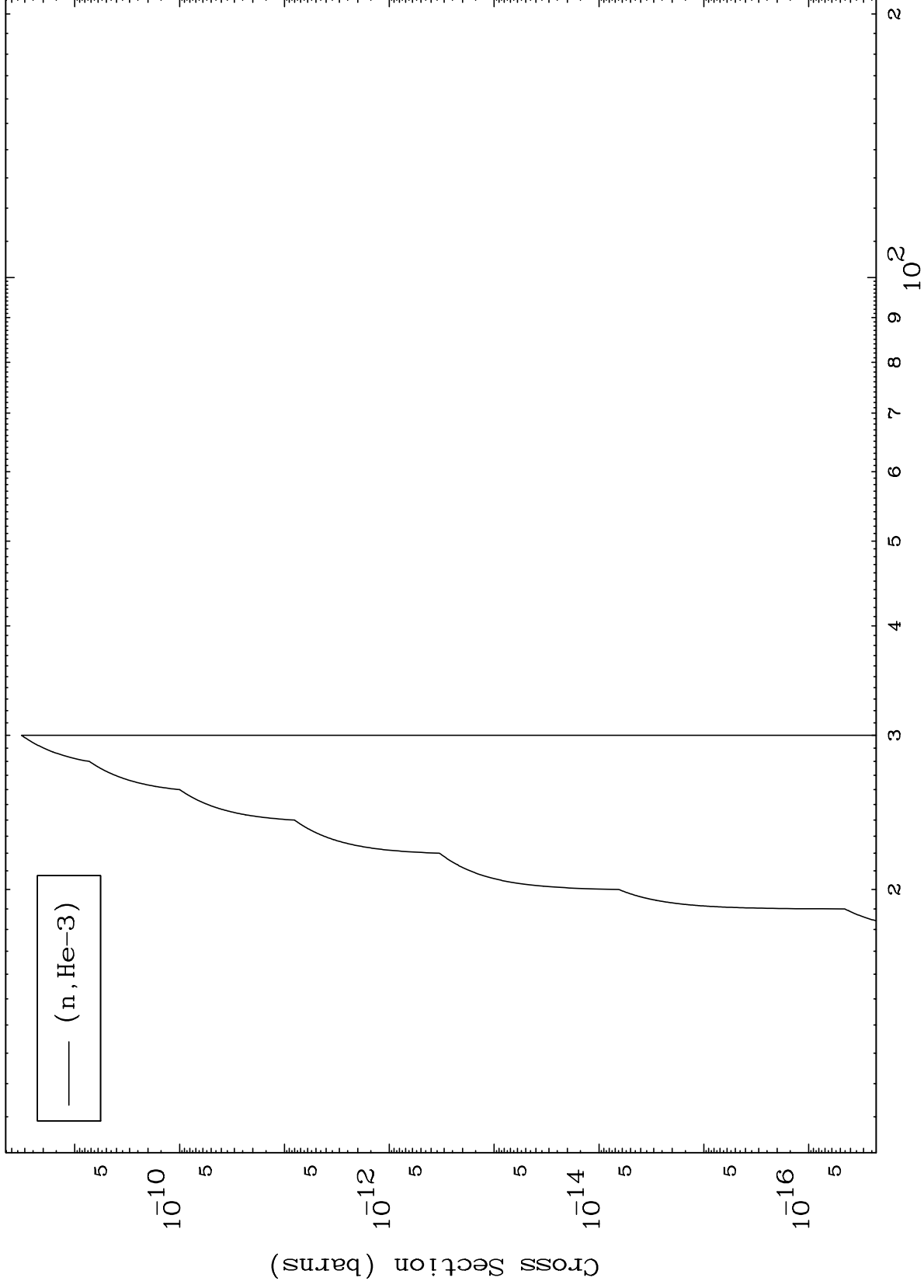
Incident Energy (MeV)

65-Tb-154

MAT 6510

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

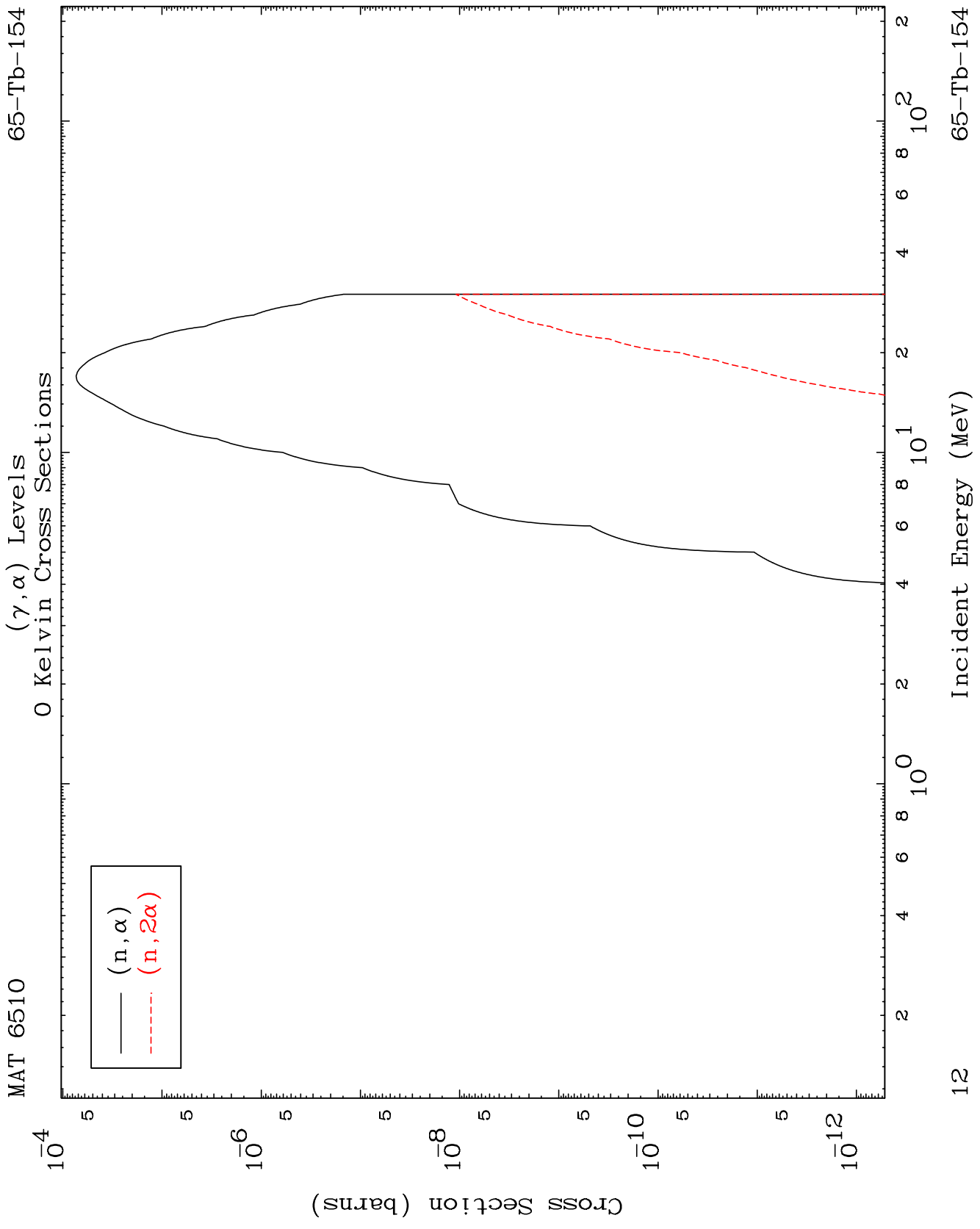
65-Tb-154



11

Incident Energy (MeV)

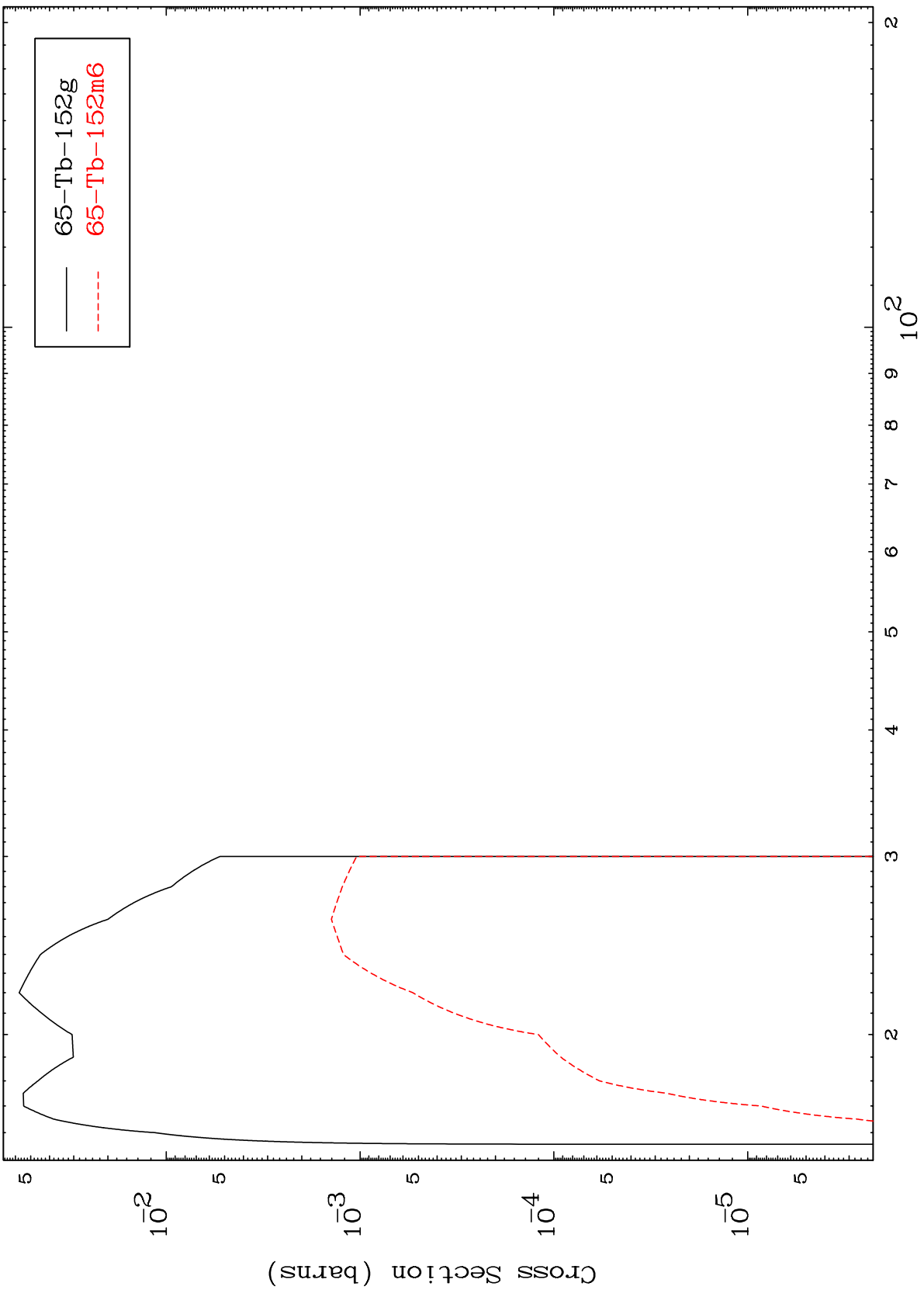
65-Tb-154



MAT 6510

65-Tb-154

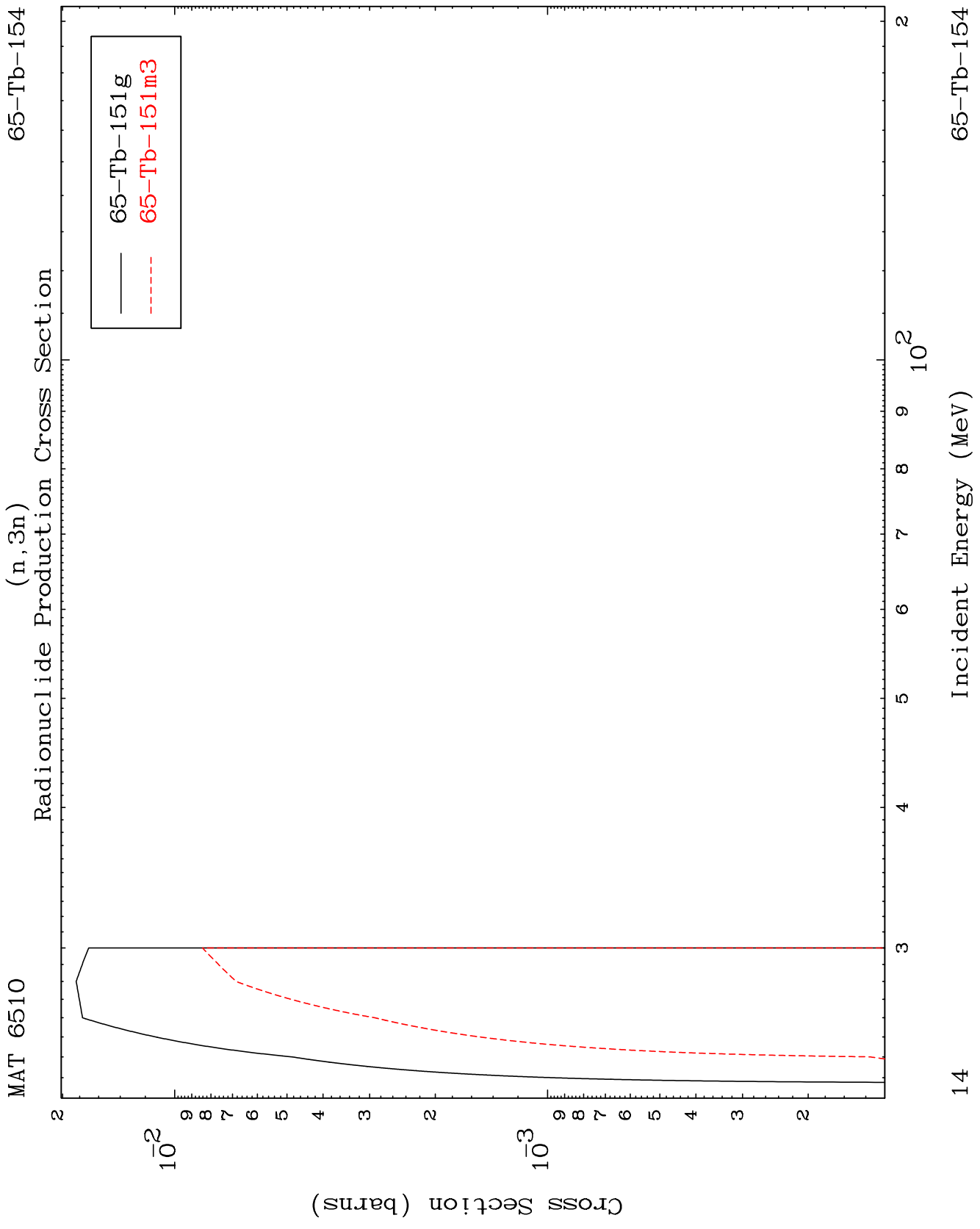
(n,2n)  
Radionuclide Production Cross Section

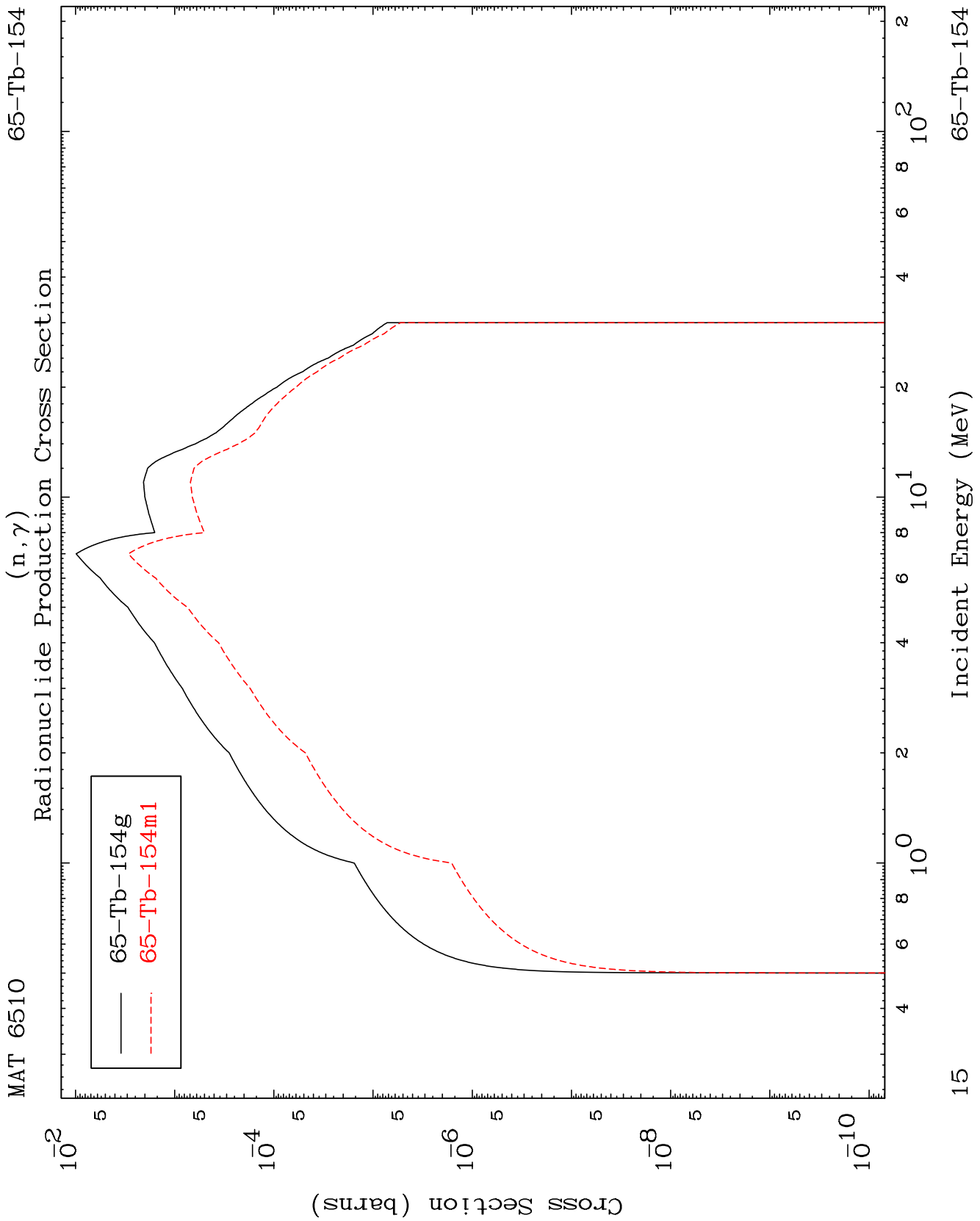


13

Incident Energy (MeV)

65-Tb-154

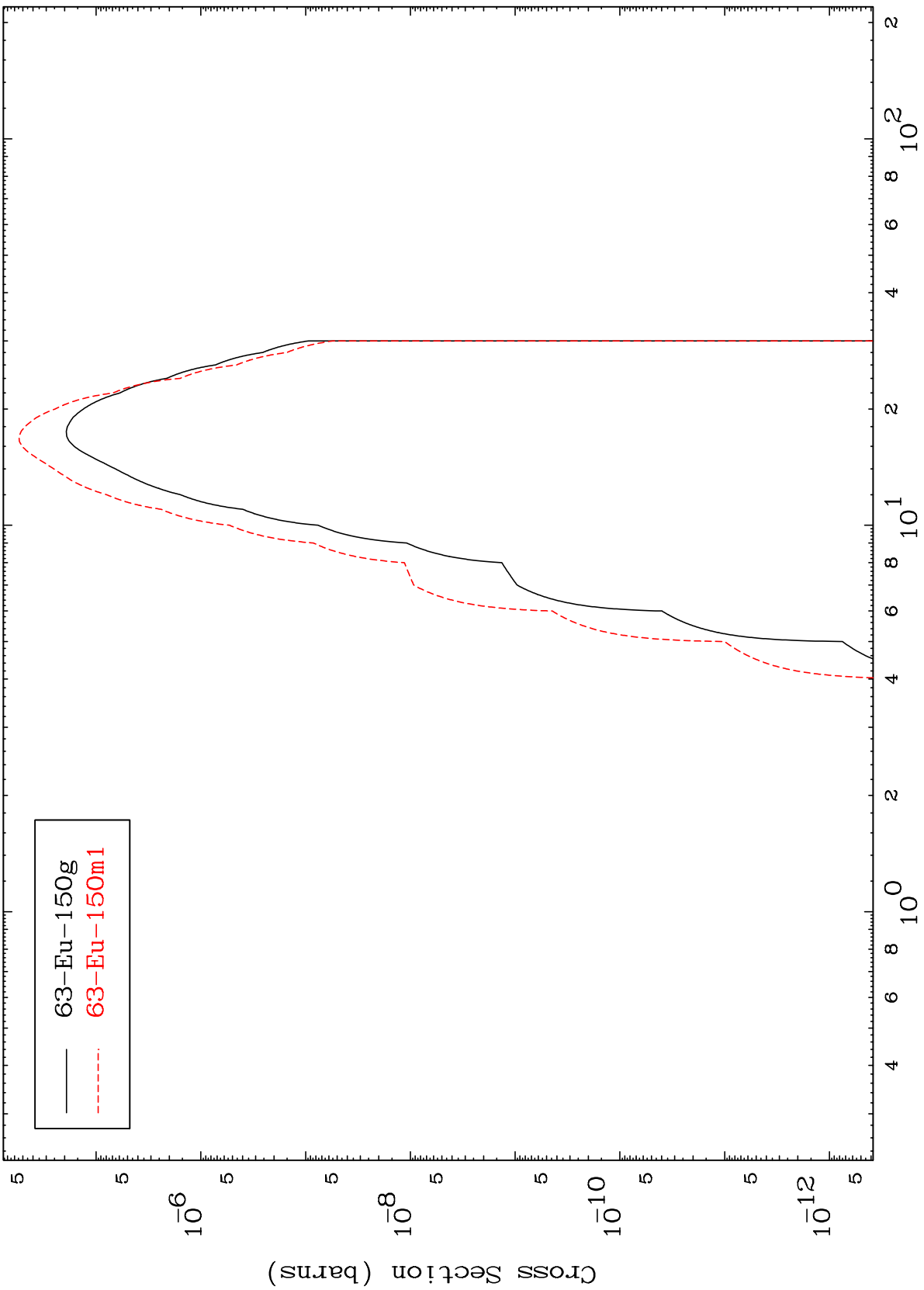




MAT 6510

65-Tb-154

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



63-Eu-150g  
63-Eu-150m1

16

65-Tb-154

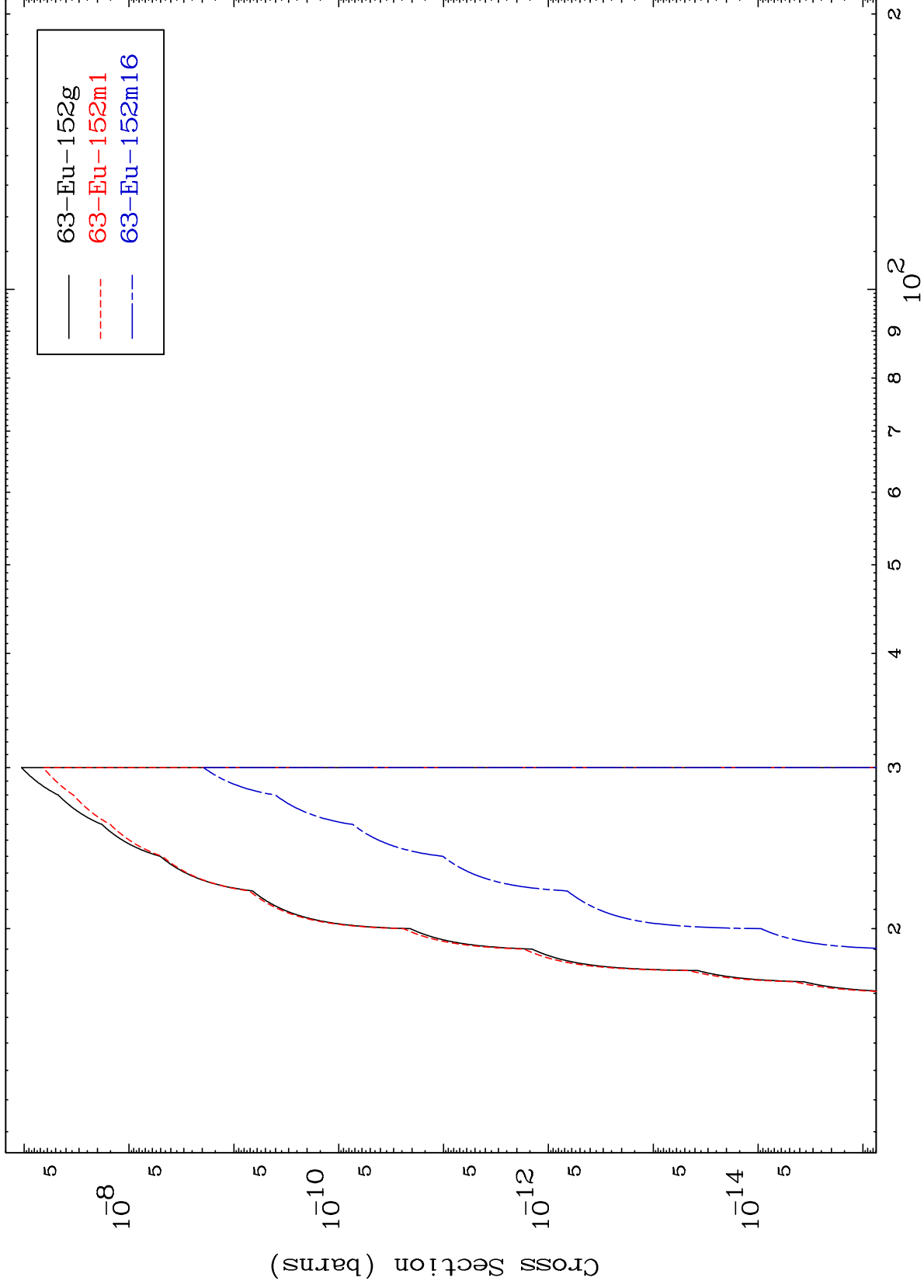
Incident Energy (MeV)

MAT 6510

(n,2p)

65-Tb-154

Radionuclide Production Cross Section



17

Incident Energy (MeV)

65-Tb-154