

Program EVALPLOT  
(Version 2018-1)

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](mailto:redcullen1@comcast.net)

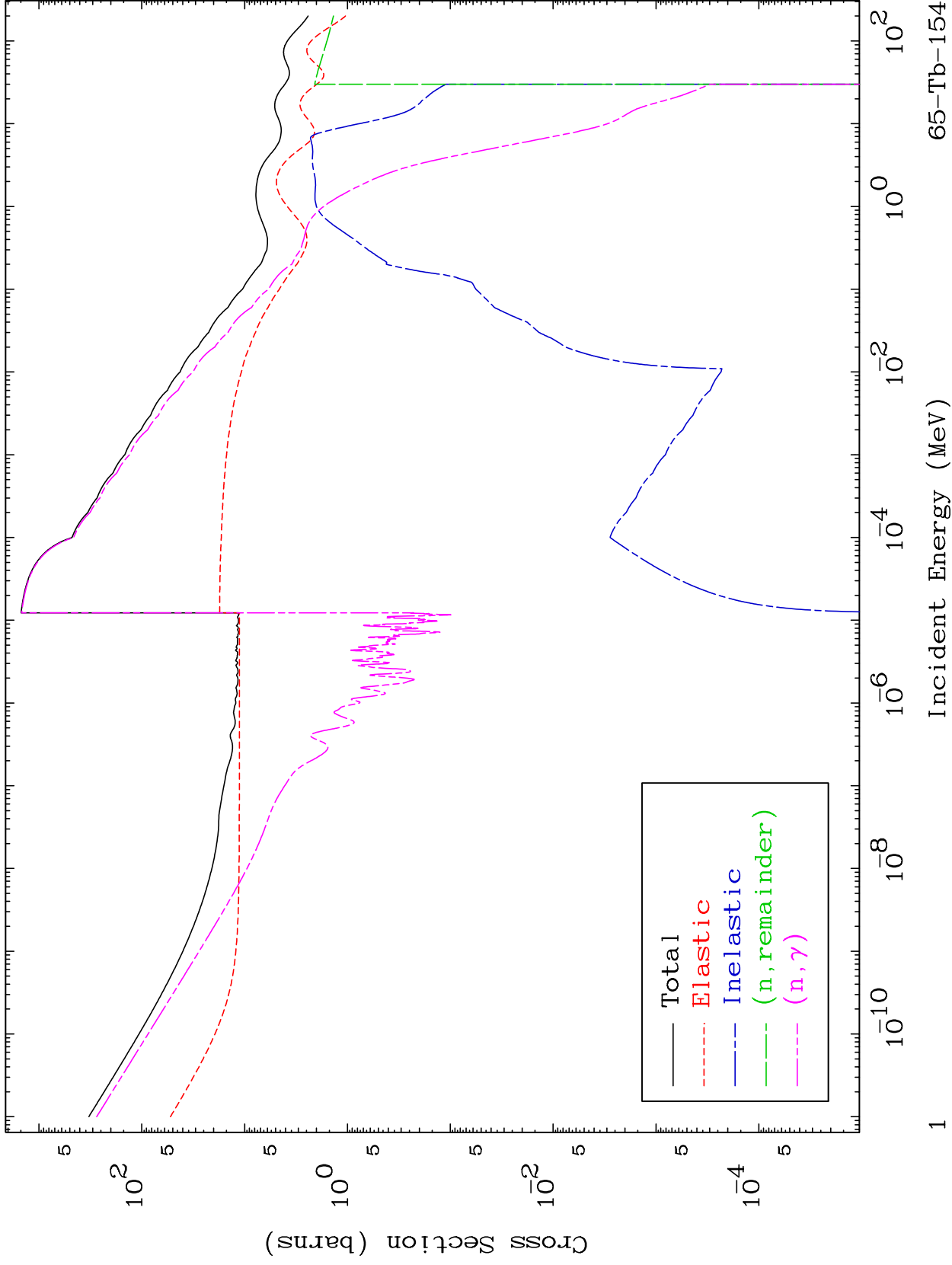
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 6512

Major  
293 Kelvin Cross Sections

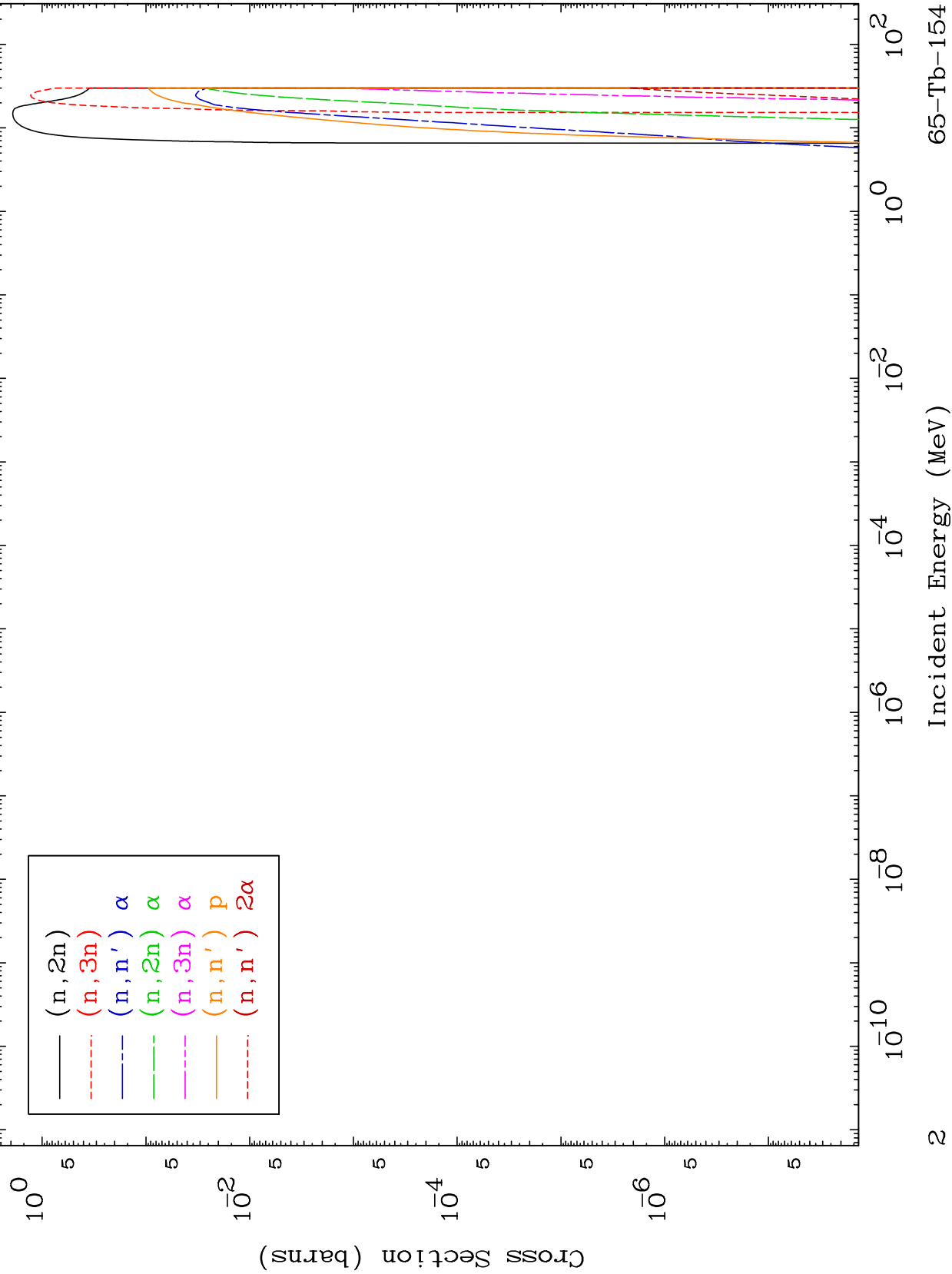
65-Tb-154



MAT 6512

Neutron Production  
293 Kelvin Cross Sections

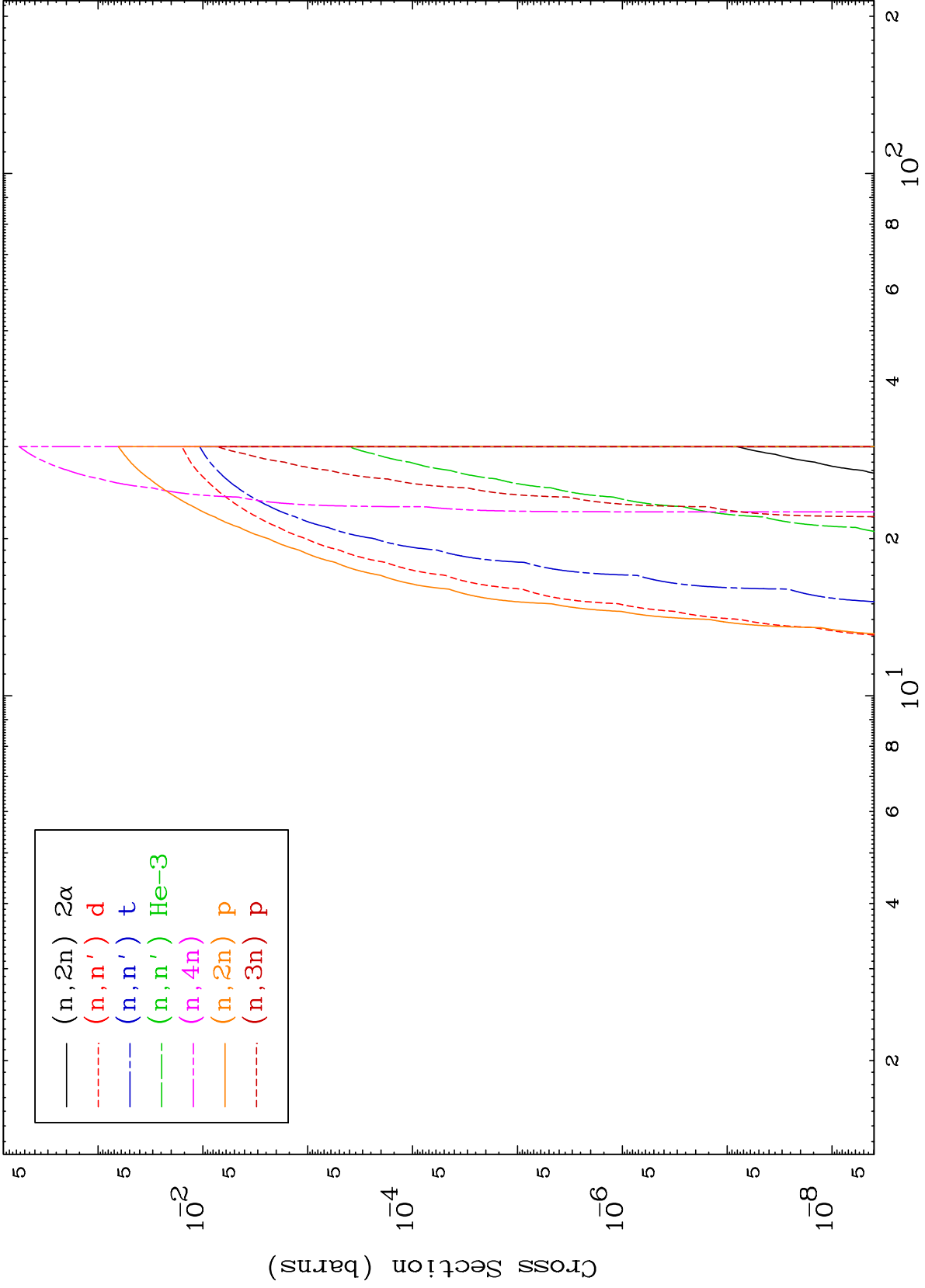
65-Tb-154



MAT 6512

Neutron Production  
293 Kelvin Cross Sections

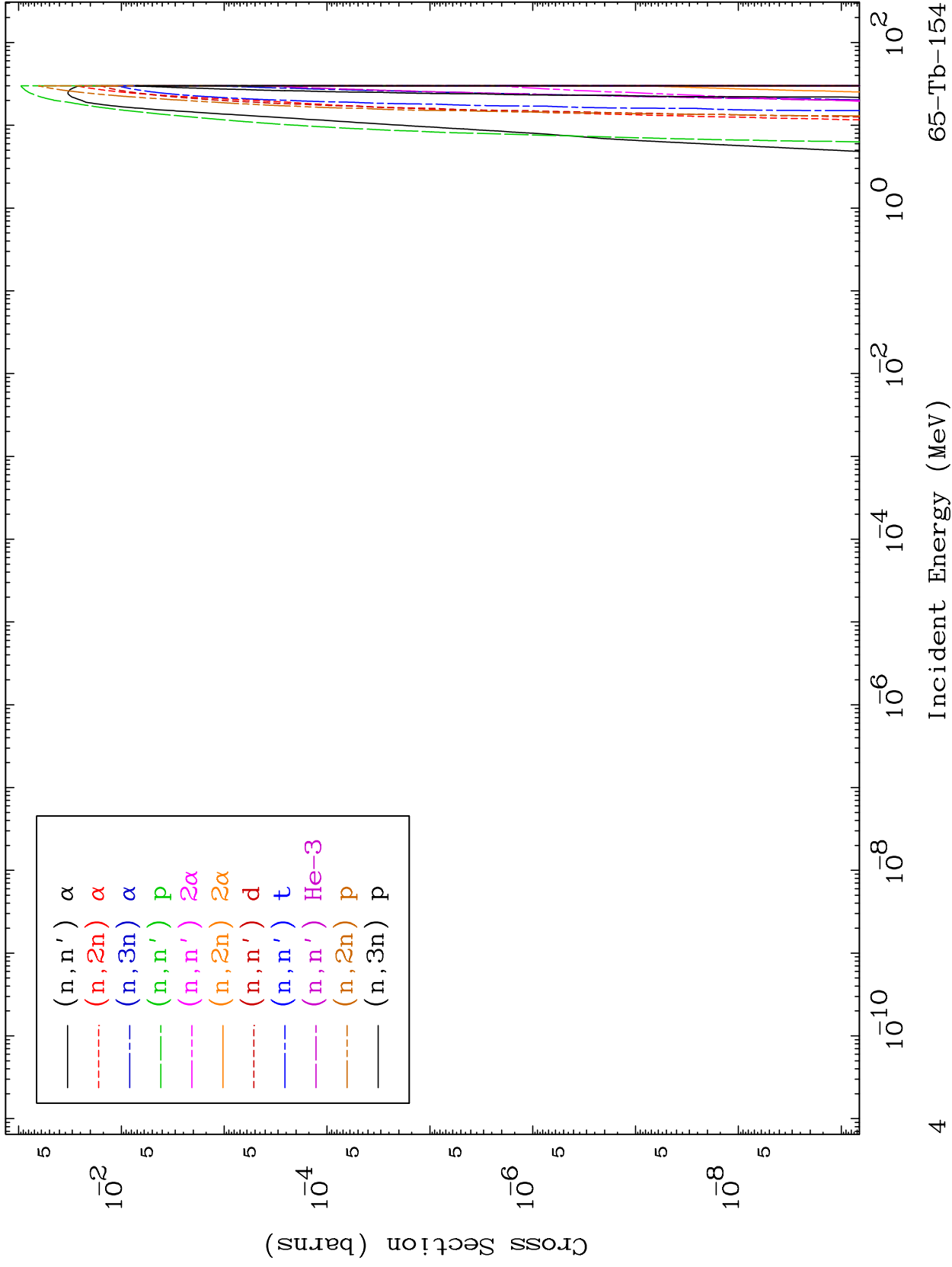
65-Tb-154



MAT 6512

Charged Particle  
293 Kelvin Cross Sections

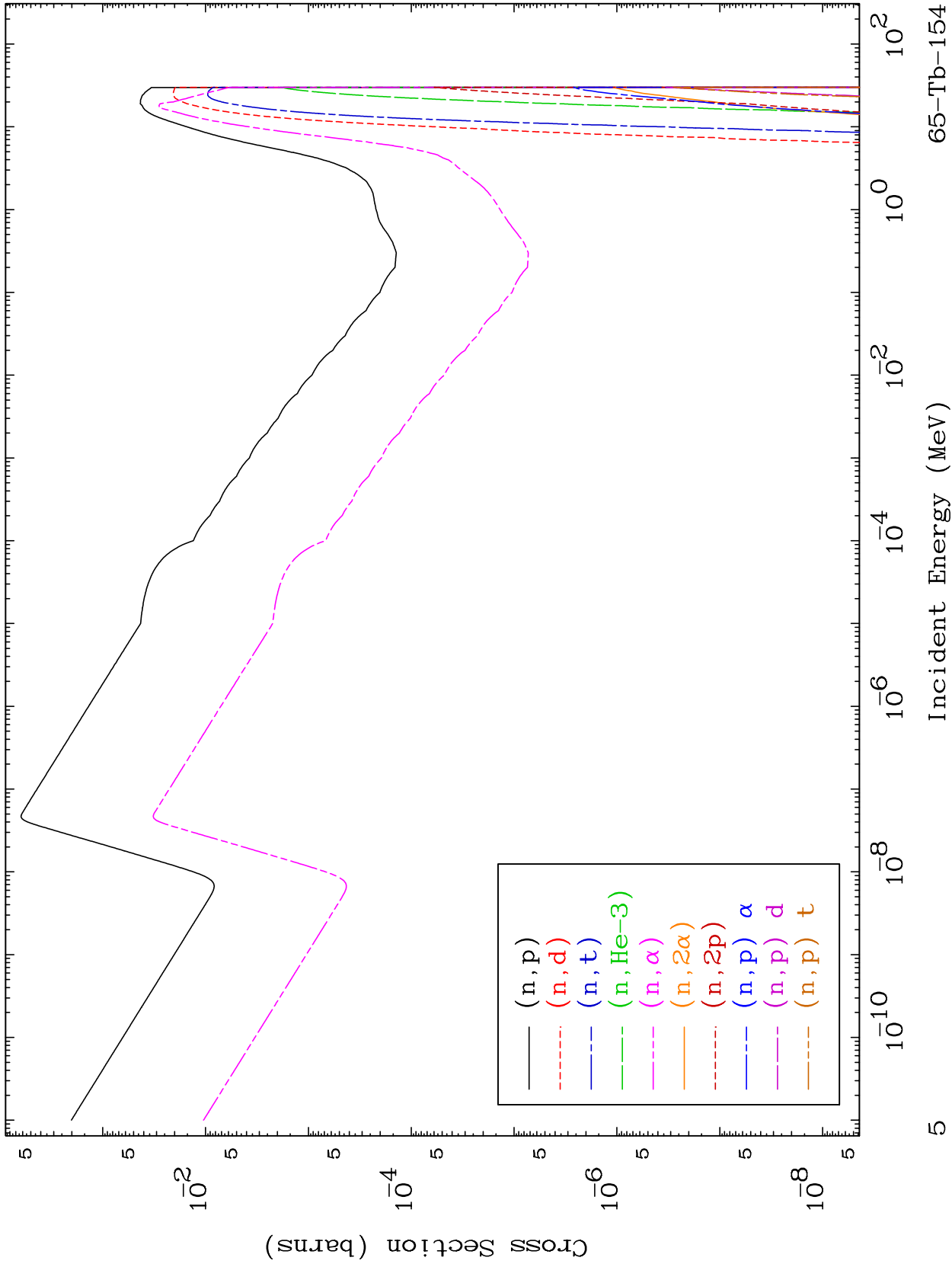
65-Tb-154



MAT 6512

Charged Particle  
293 Kelvin Cross Sections

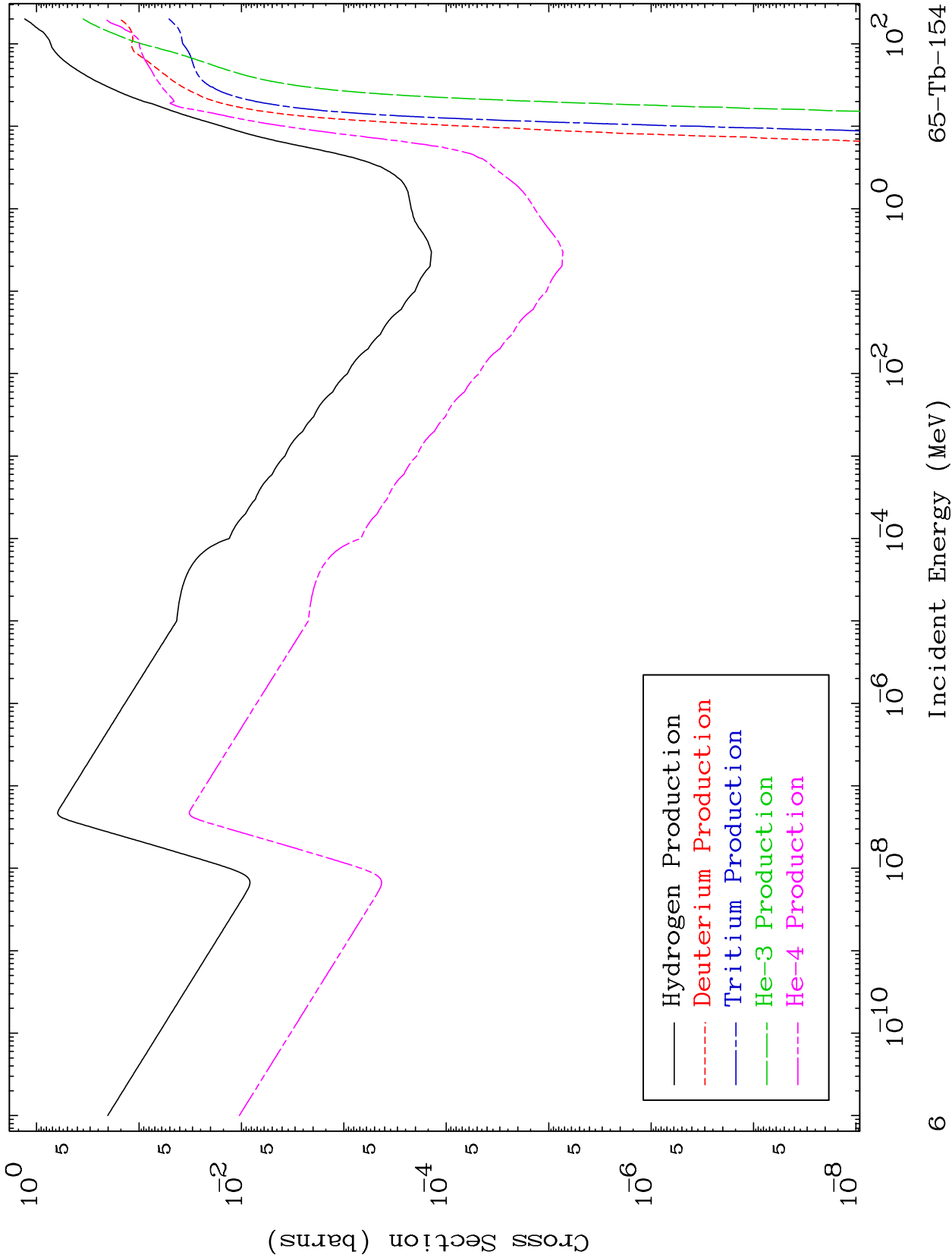
65-Tb-154



MAT 6512

Particle Production  
293 Kelvin Cross Sections

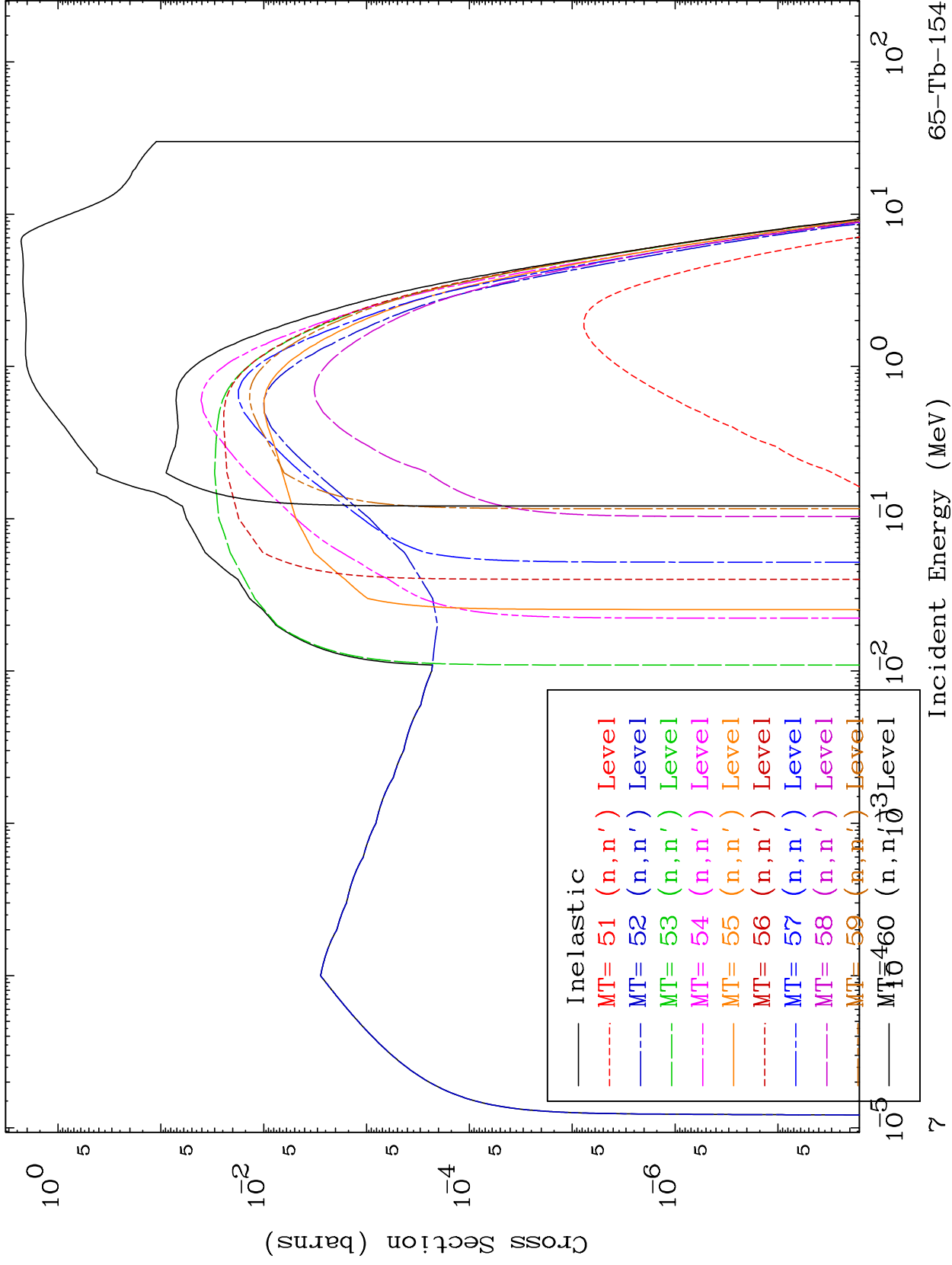
65-Tb-154



MAT 6512

(n,n') Level  
293 Kelvin Cross Sections

65-Tb-154



65-Tb-154

Incident Energy (MeV)

7

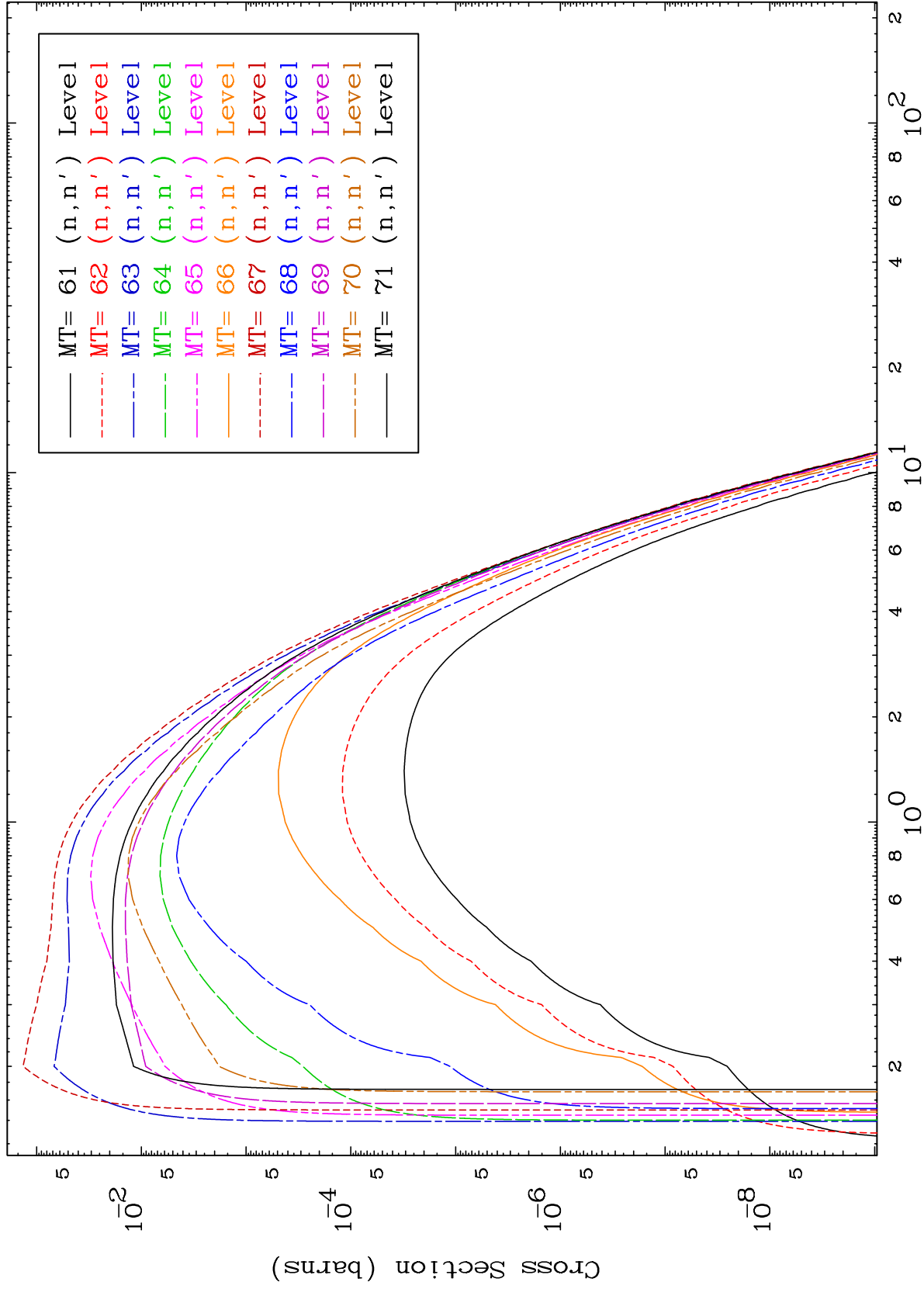


MAT 6512

(n,n') Level

293 Kelvin Cross Sections

65-Tb-154



8

Incident Energy (MeV)

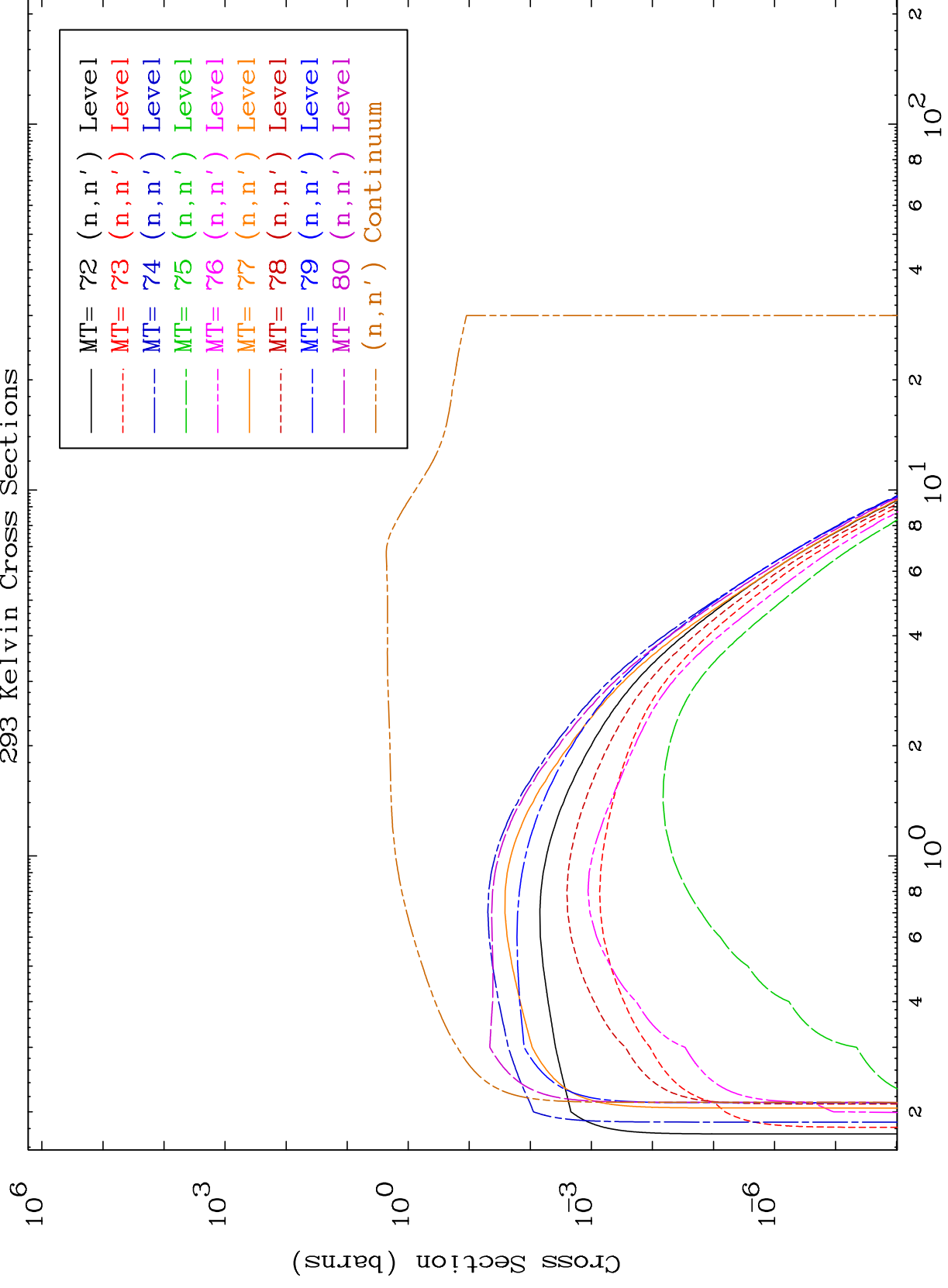
65-Tb-154

MAT 6512

(n,n') Level

293 Kelvin Cross Sections

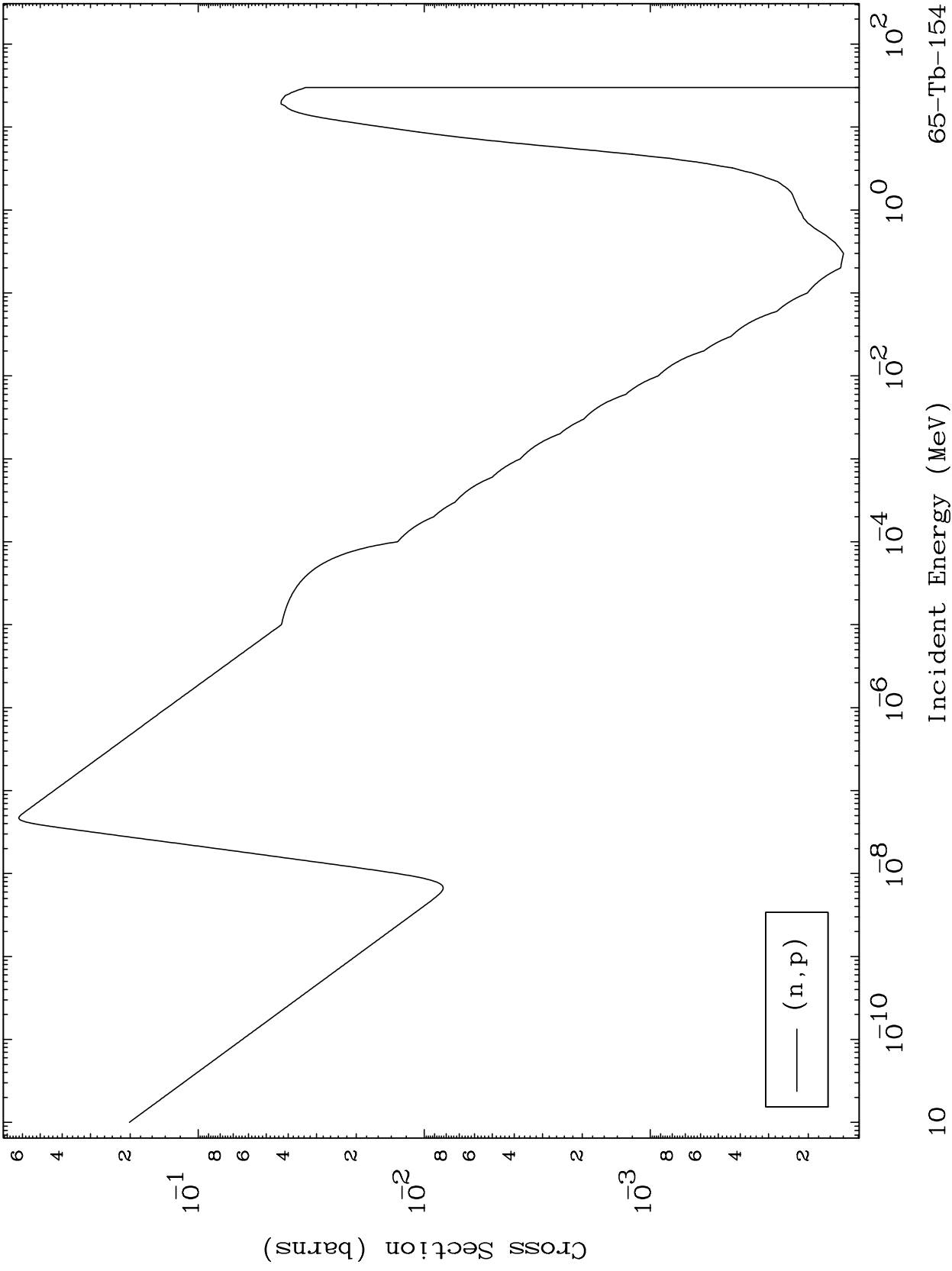
65-Tb-154



MAT 6512

(n,p) Levels  
293 Kelvin Cross Sections

65-Tb-154



10

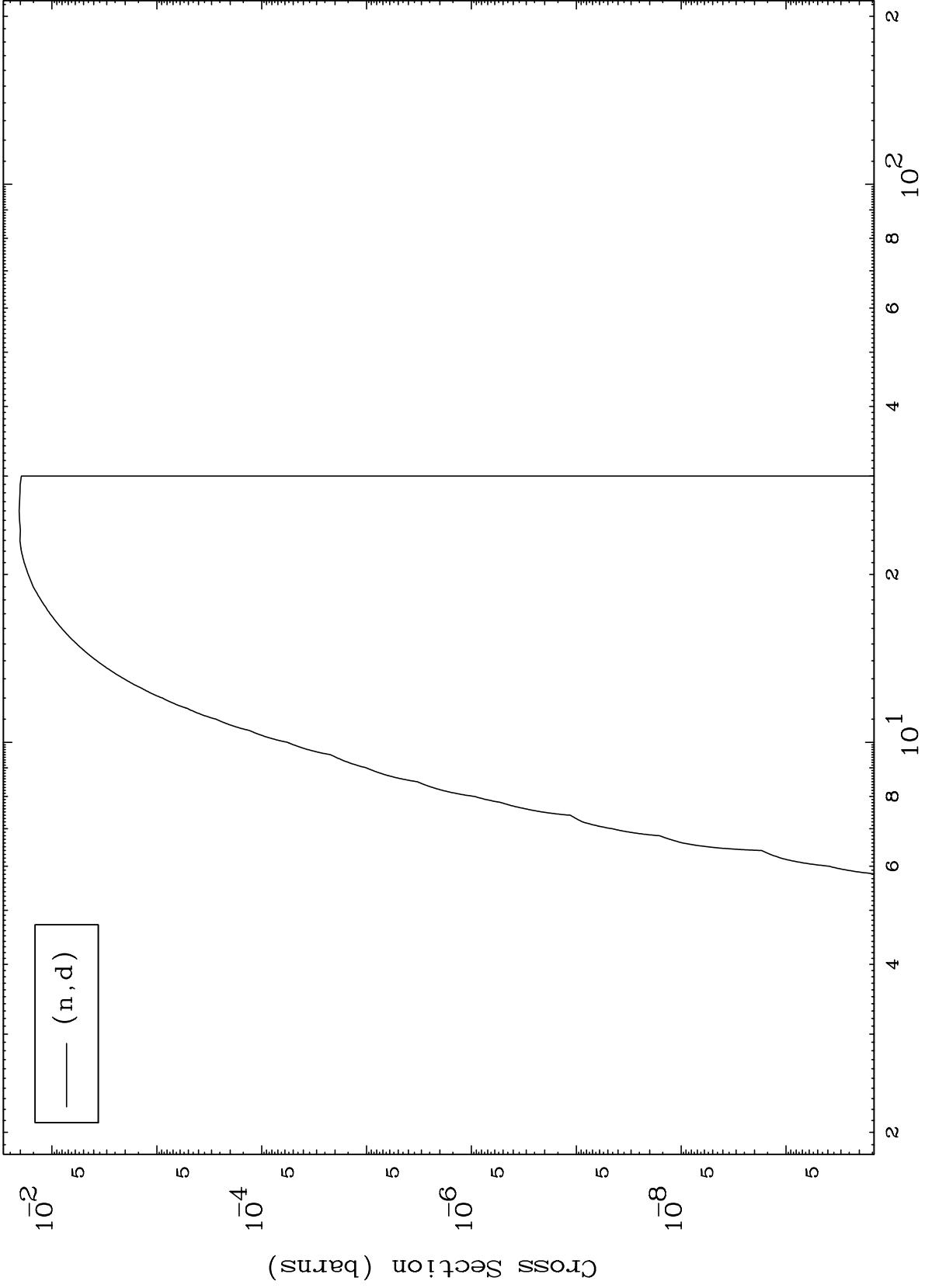
Incident Energy (MeV)

65-Tb-154

MAT 6512

(n,d) Levels  
293 Kelvin Cross Sections

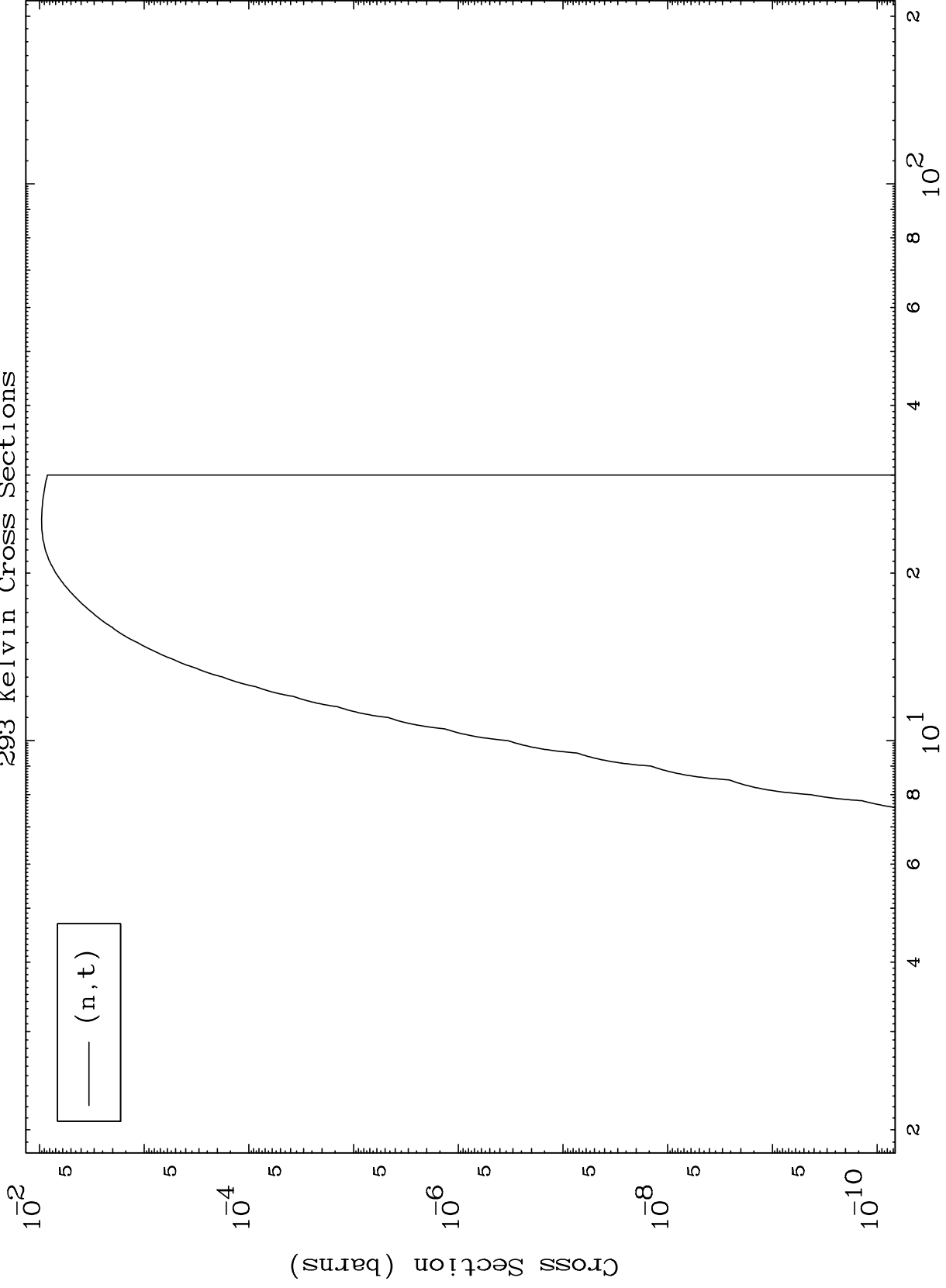
65-Tb-154



MAT 6512

(n,t) Levels  
293 Kelvin Cross Sections

65-Tb-154



12

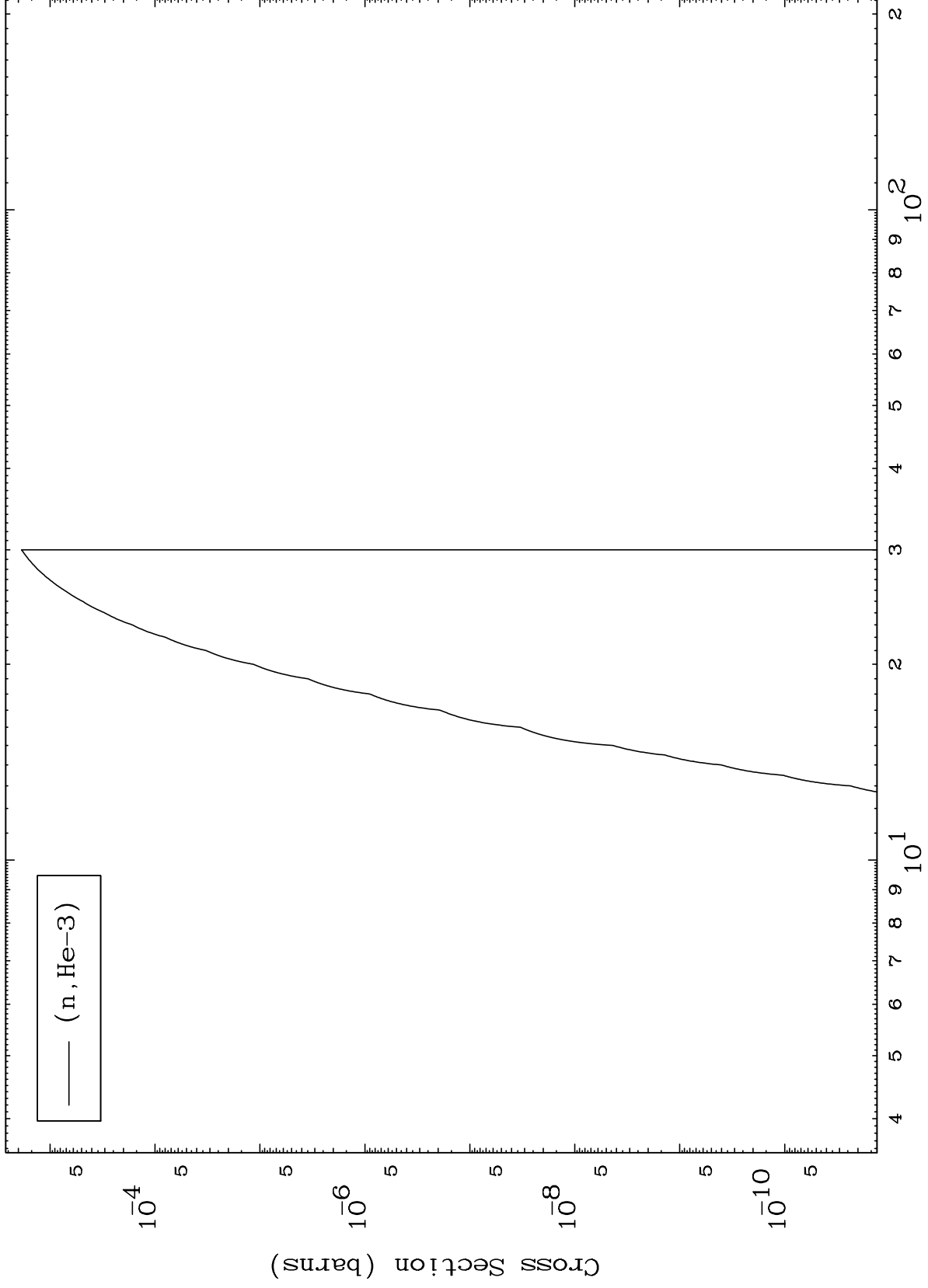
Incident Energy (MeV)

65-Tb-154

MAT 6512

(n,He3) Levels  
293 Kelvin Cross Sections

65-Tb-154



13

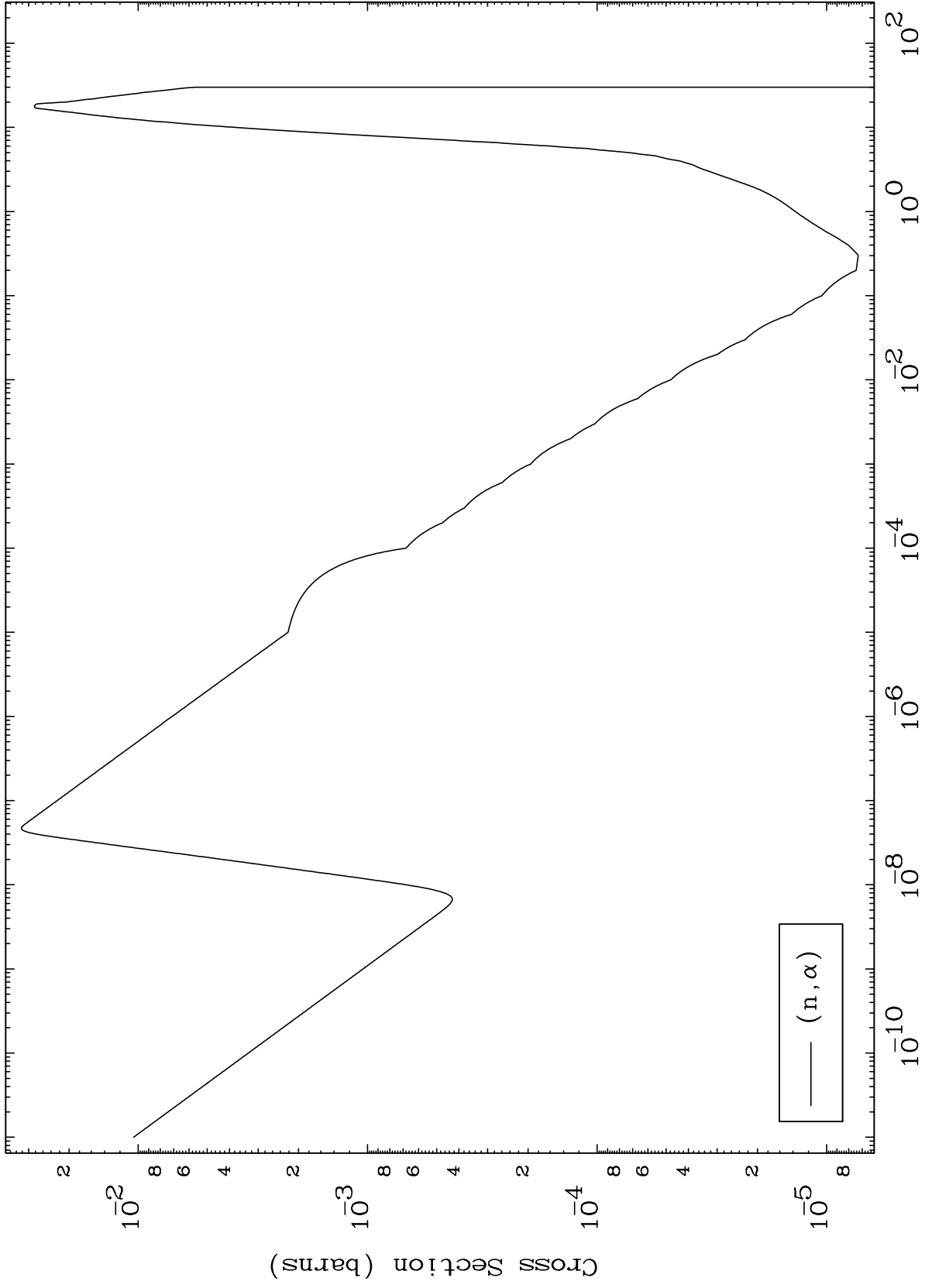
Incident Energy (MeV)

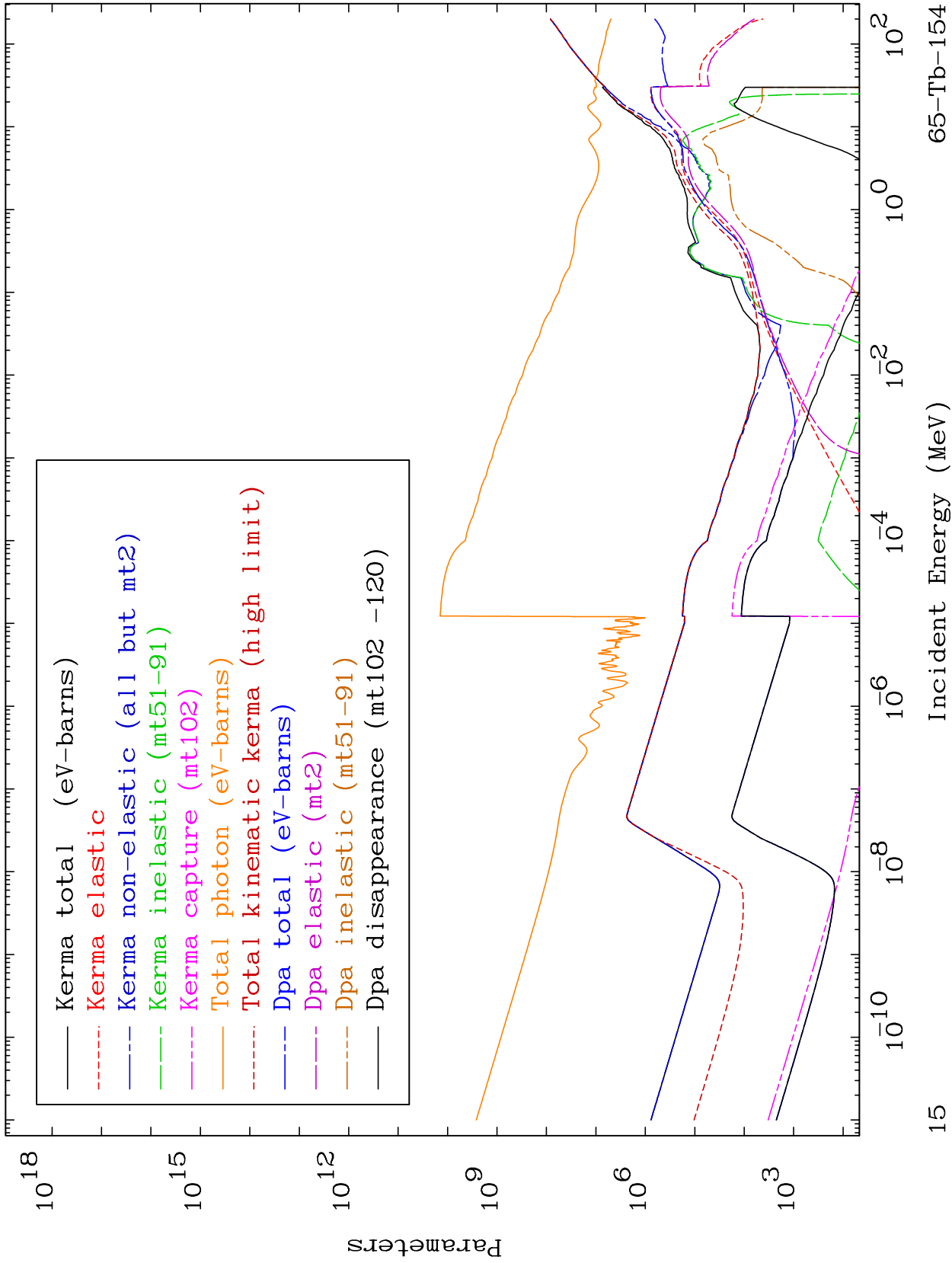
65-Tb-154

MAT 6512

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

65-Tb-154





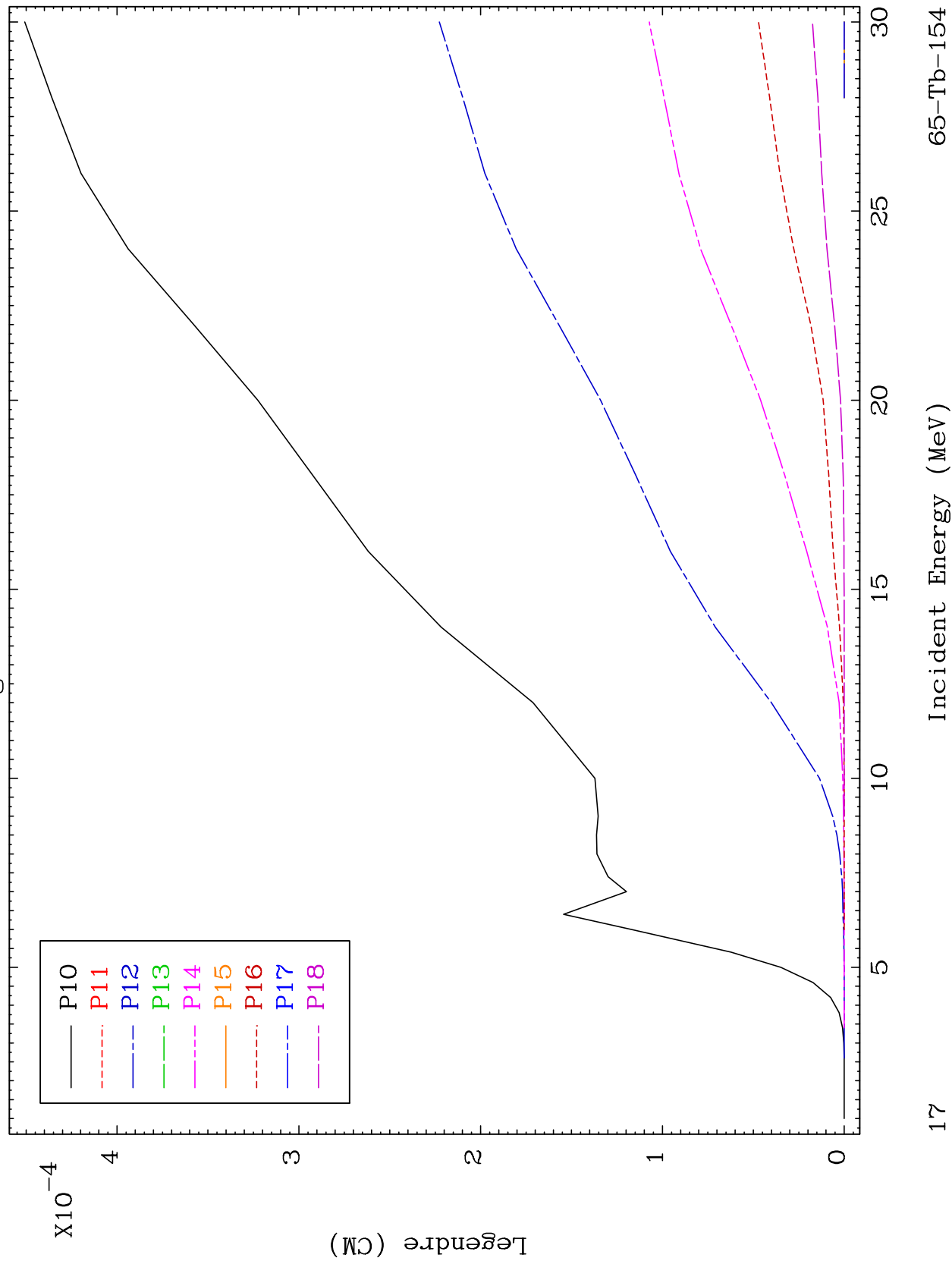




MAT 6512

Elastic Legendre Coefficients

65-Tb-154



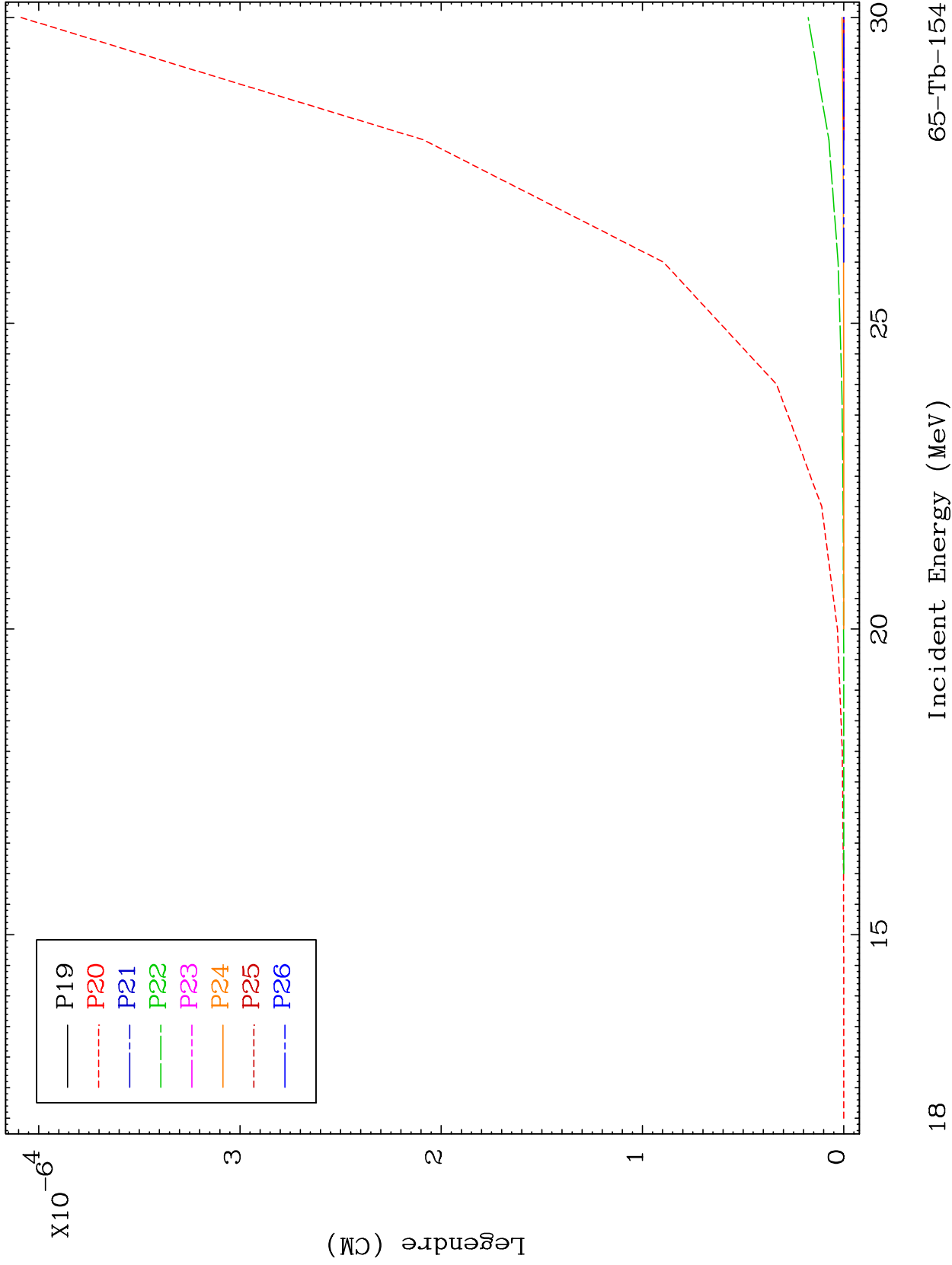
17

65-Tb-154

MAT 6512

### Elastic Legendre Coefficients

65-Tb-154



18

Incident Energy (MeV)

65-Tb-154

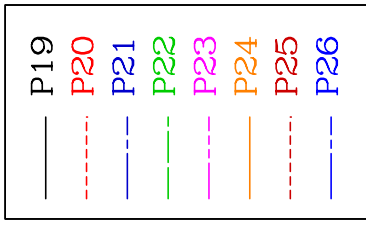
15

20

25

30

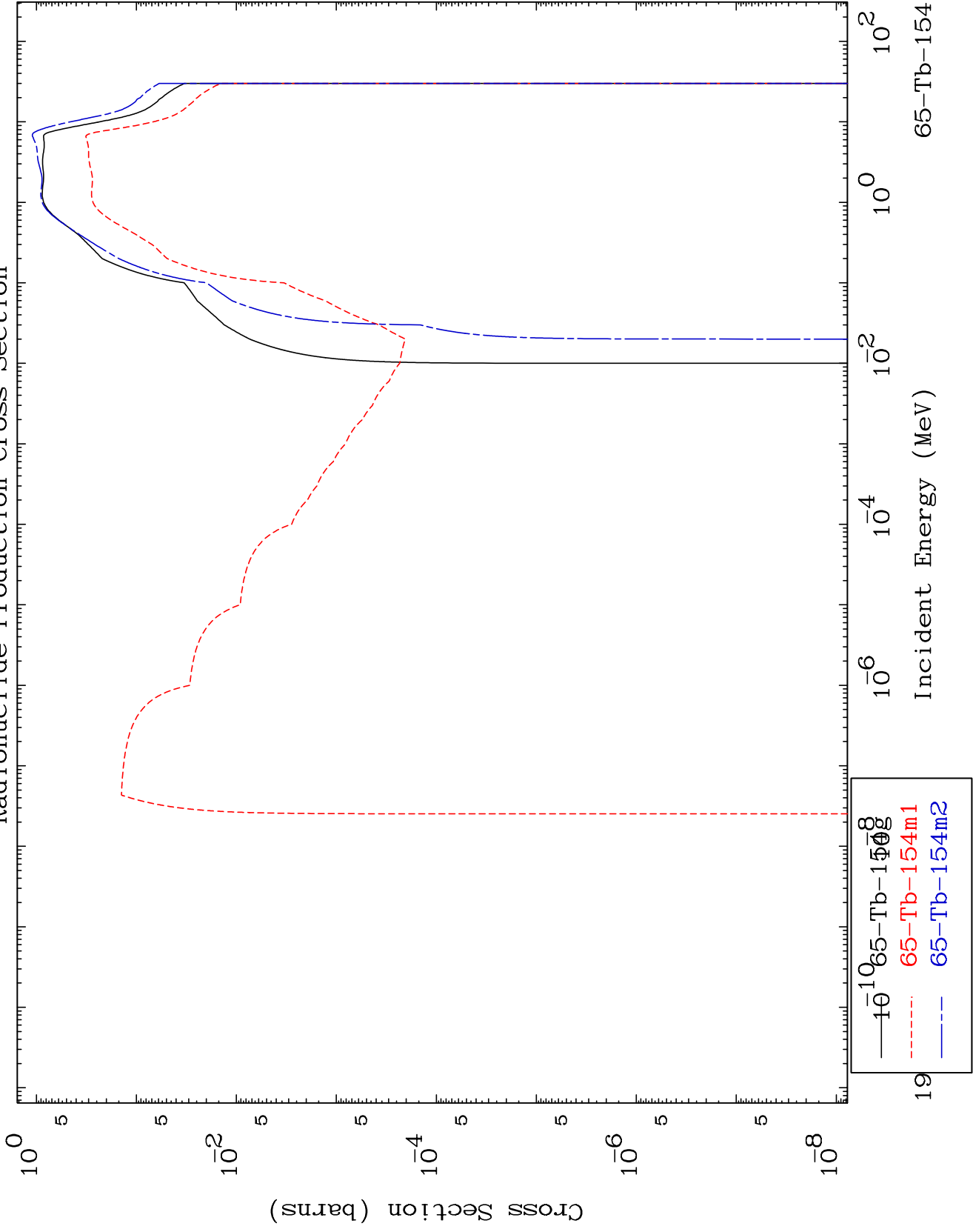
$\times 10^{-6}$

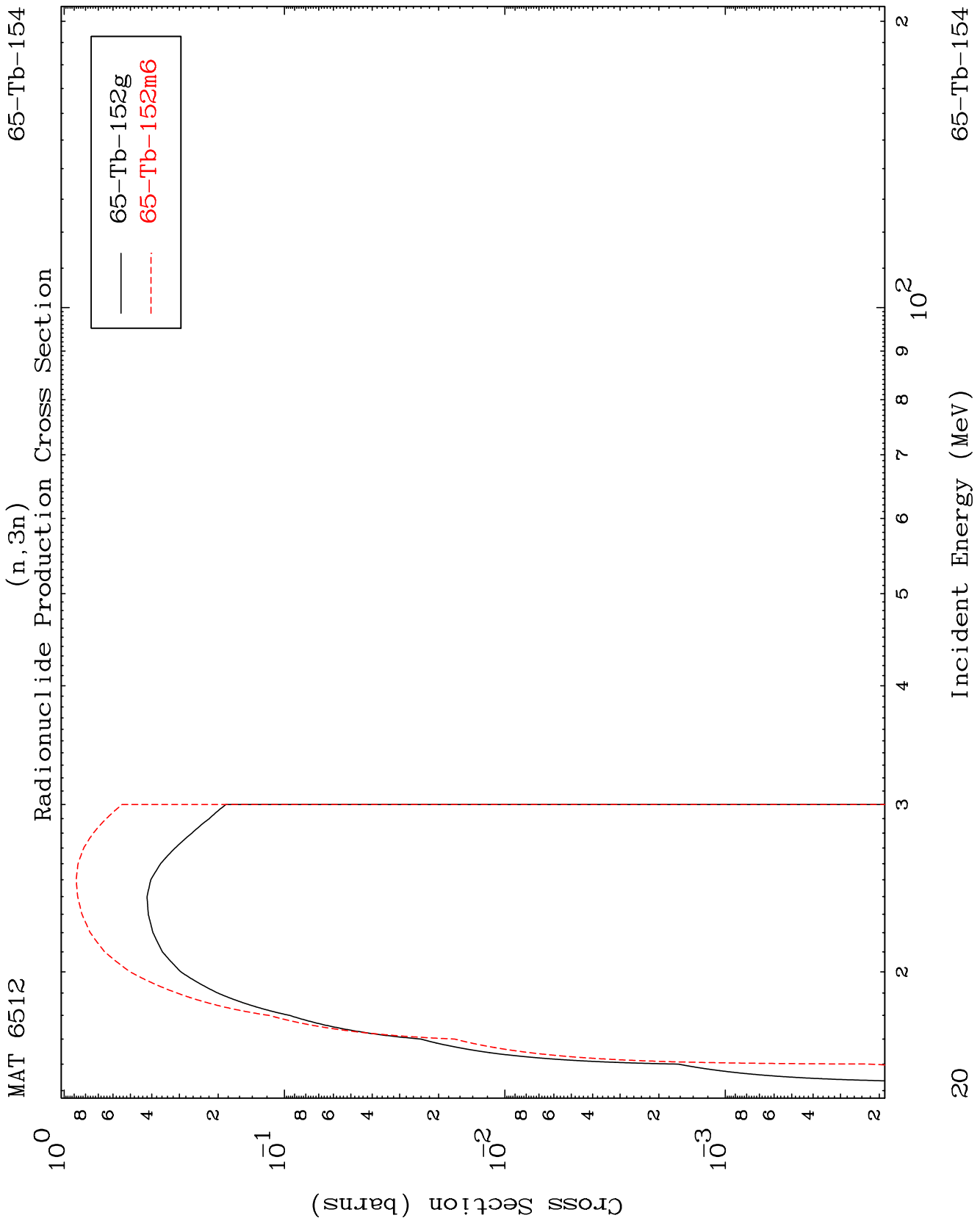


MAT 6512

Inelastic  
Radionuclide Production Cross Section

65-Tb-154



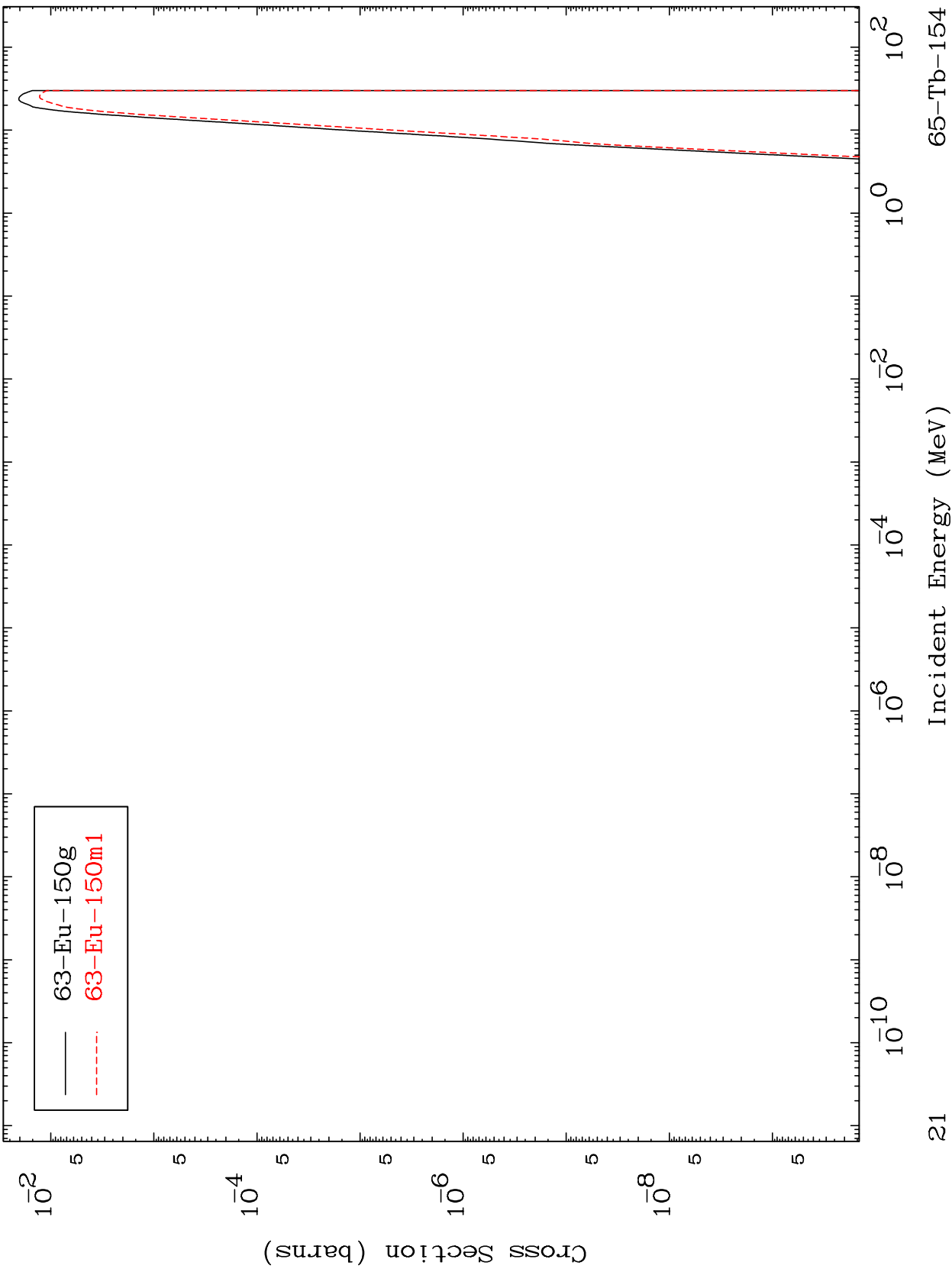


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$(n, n') \alpha$

65-Tb-154

Radionuclide Production Cross Section



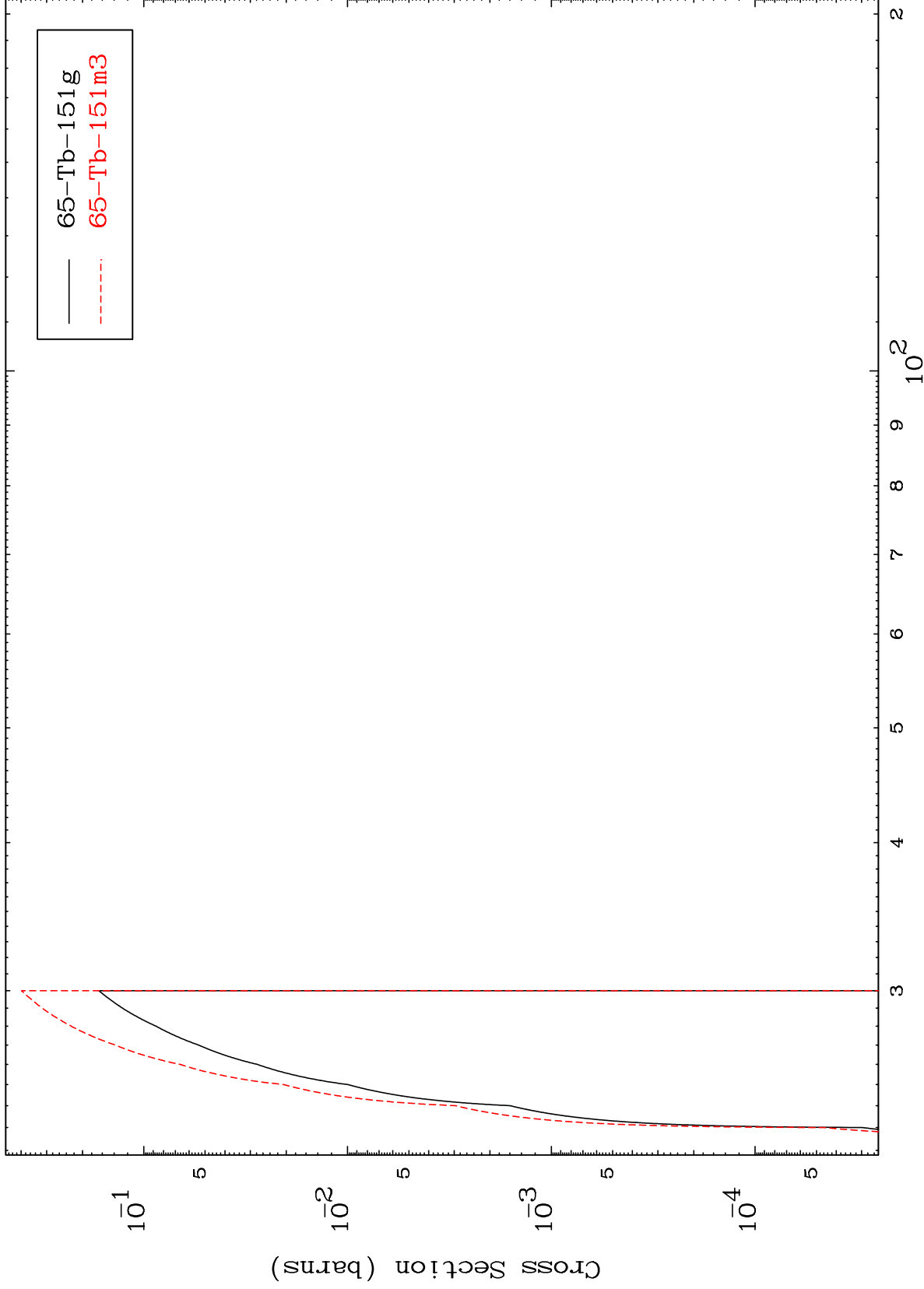
63-Eu-150g  
63-Eu-150m1

MAT 6512

(n,4n)

65-Tb-154

Radionuclide Production Cross Section



22

Incident Energy (MeV)

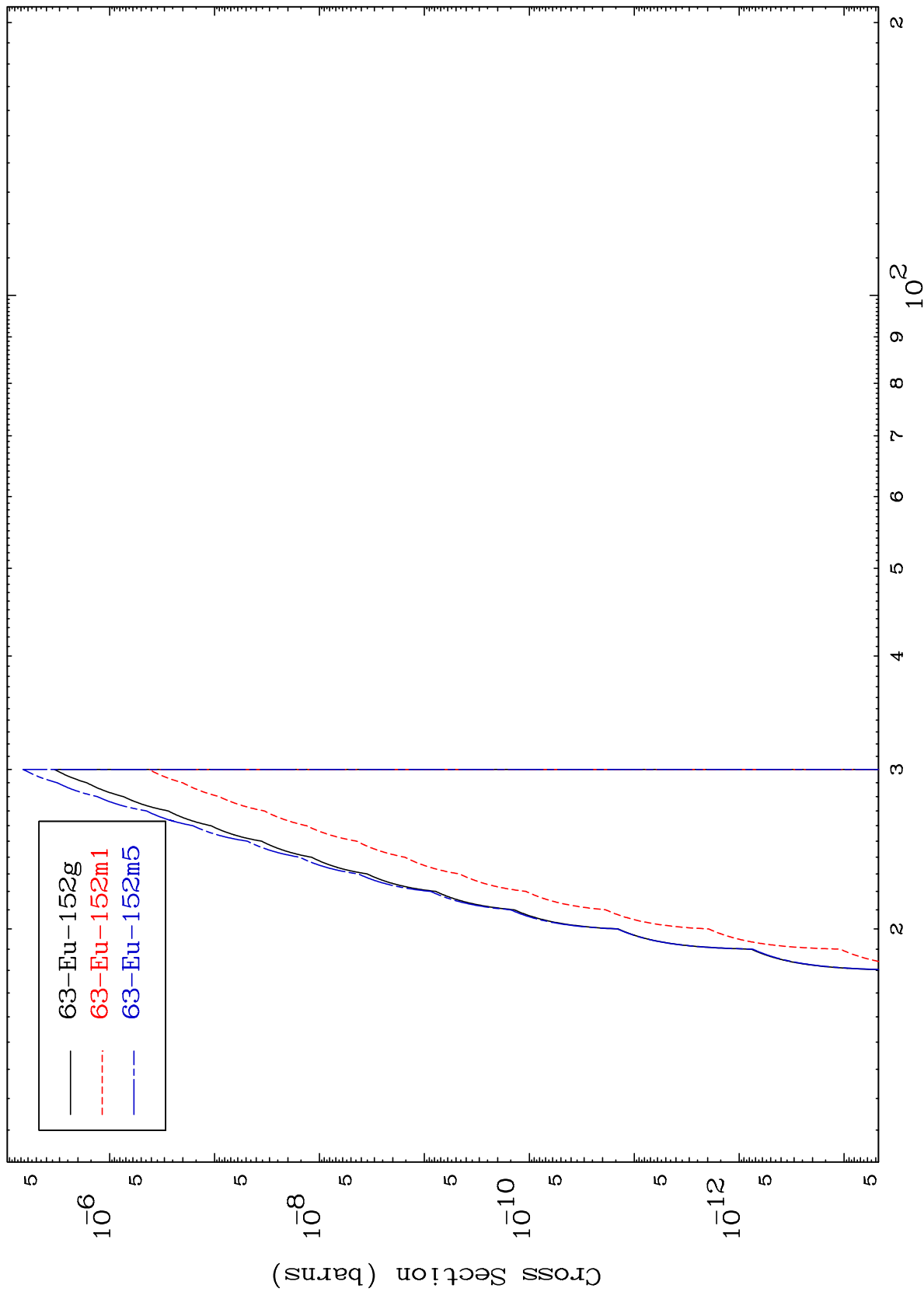
65-Tb-154

MAT 6512

(n,2n) p

65-Tb-154

Radionuclide Production Cross Section



Incident Energy (MeV)

65-Tb-154

23

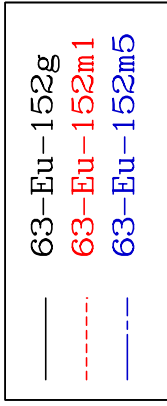
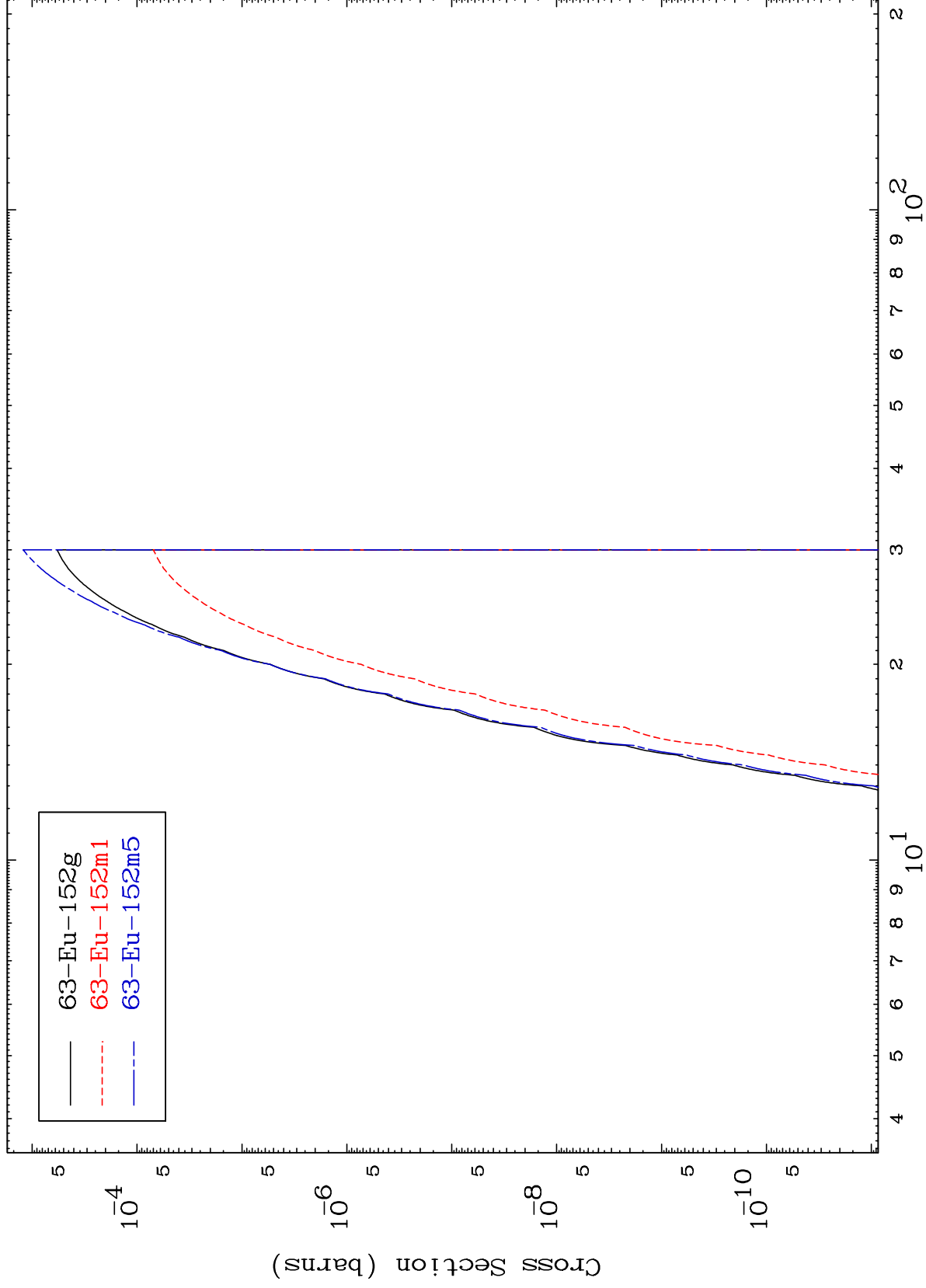


MAT 6512

(n,He-3)

65-Tb-154

Radionuclide Production Cross Section



24

Incident Energy (MeV)

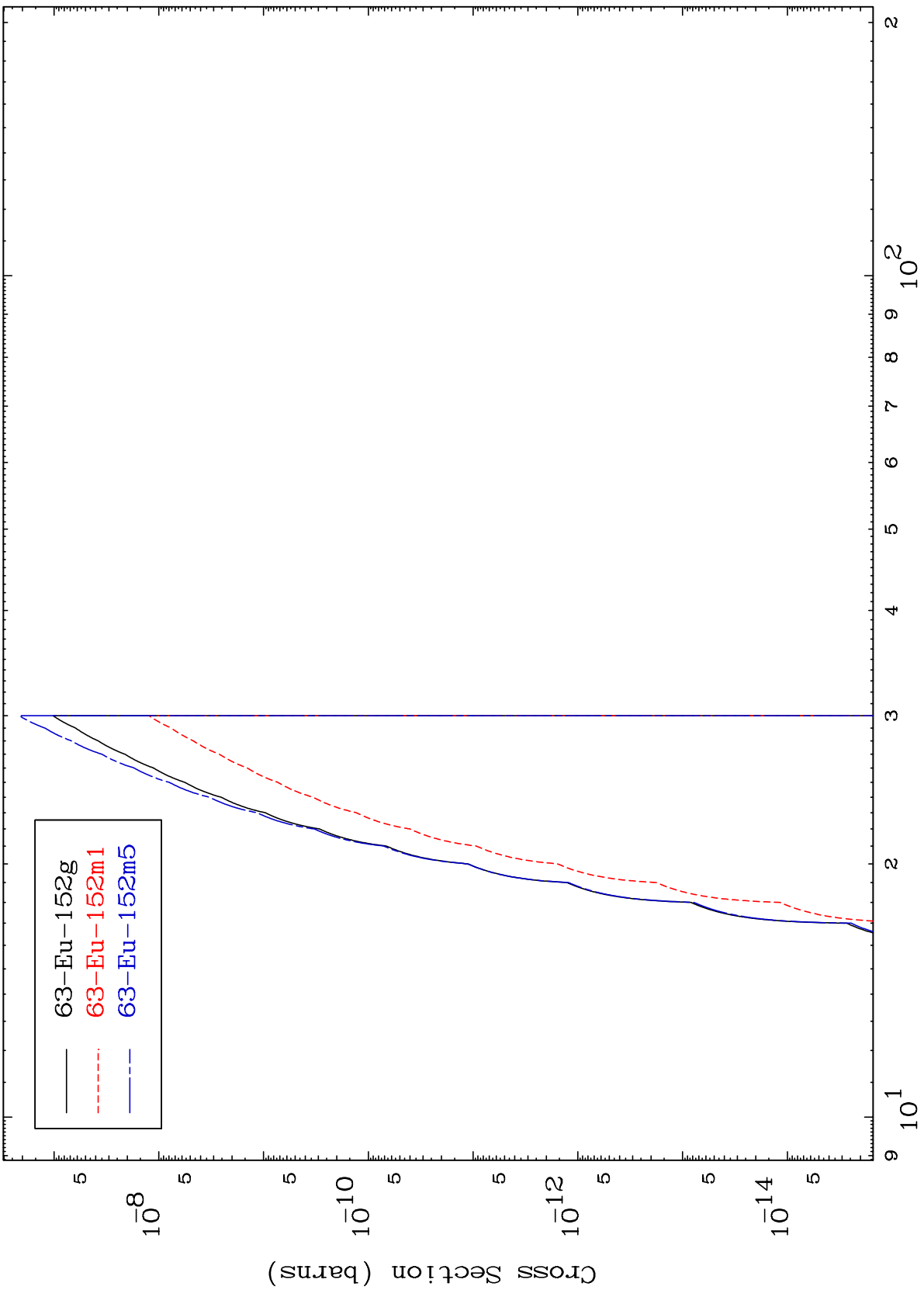
65-Tb-154

MAT 6512

(n,p) d

65-Tb-154

Radionuclide Production Cross Section



63-Eu-152g  
63-Eu-152m1  
63-Eu-152m5

25

Incident Energy (MeV)

65-Tb-154