

Program EVALPLOT  
(Version 2015-2)

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:home.comcast.net/~redcullen1

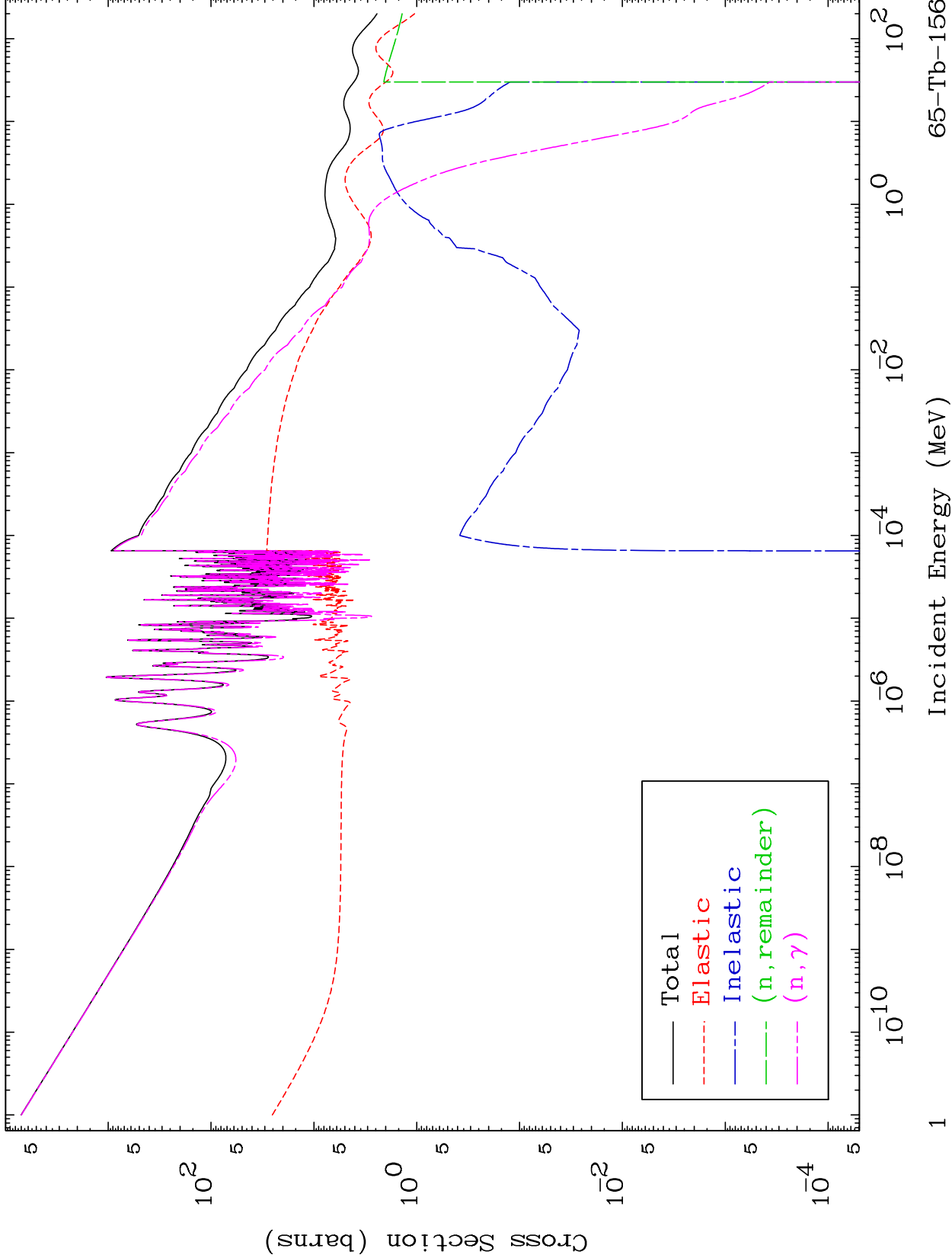
Press Mouse Button to Start

MAT 6518

Major

293 Kelvin Cross Sections

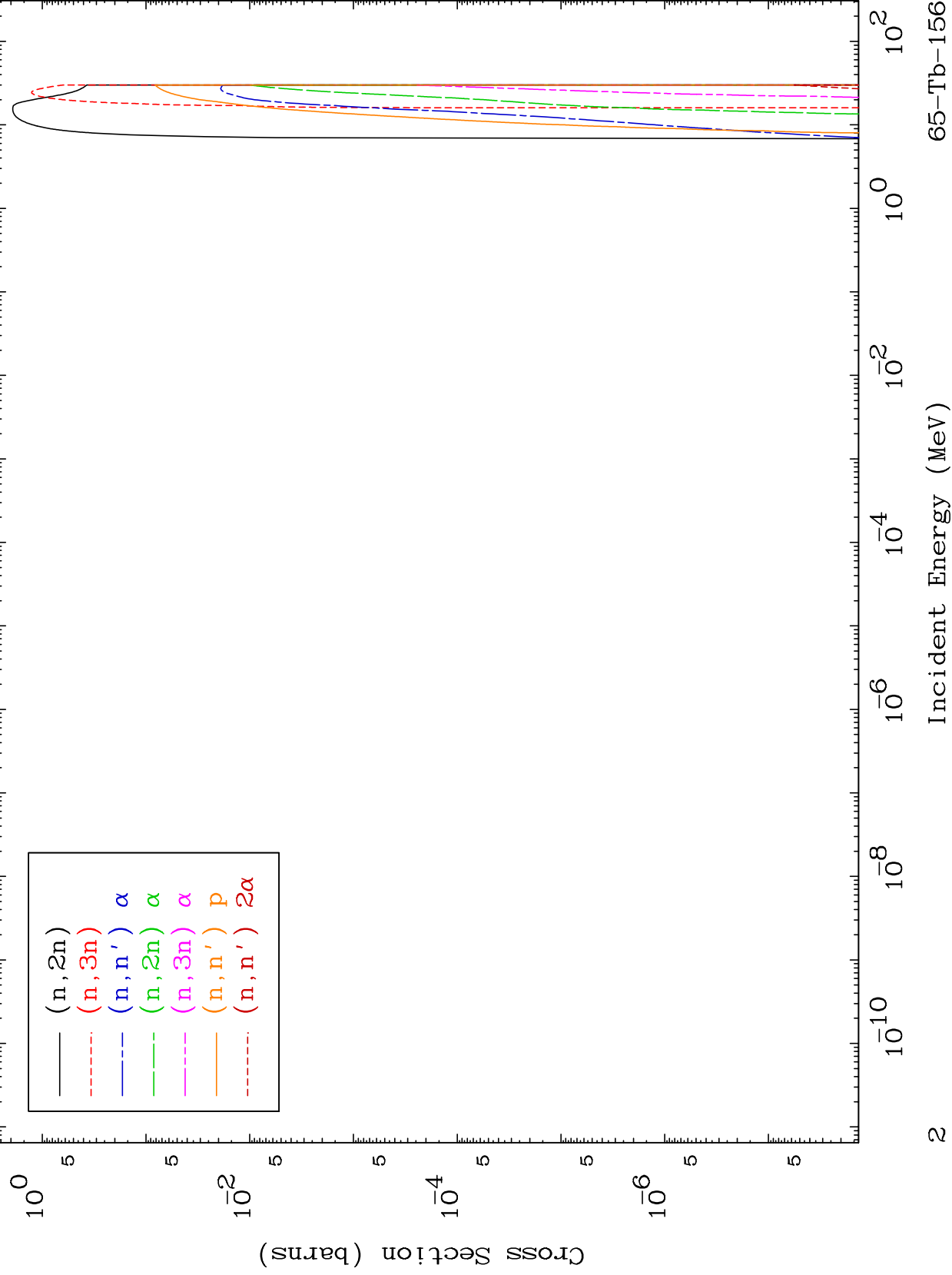
65-Tb-156



MAT 6518

Neutron Production  
293 Kelvin Cross Sections

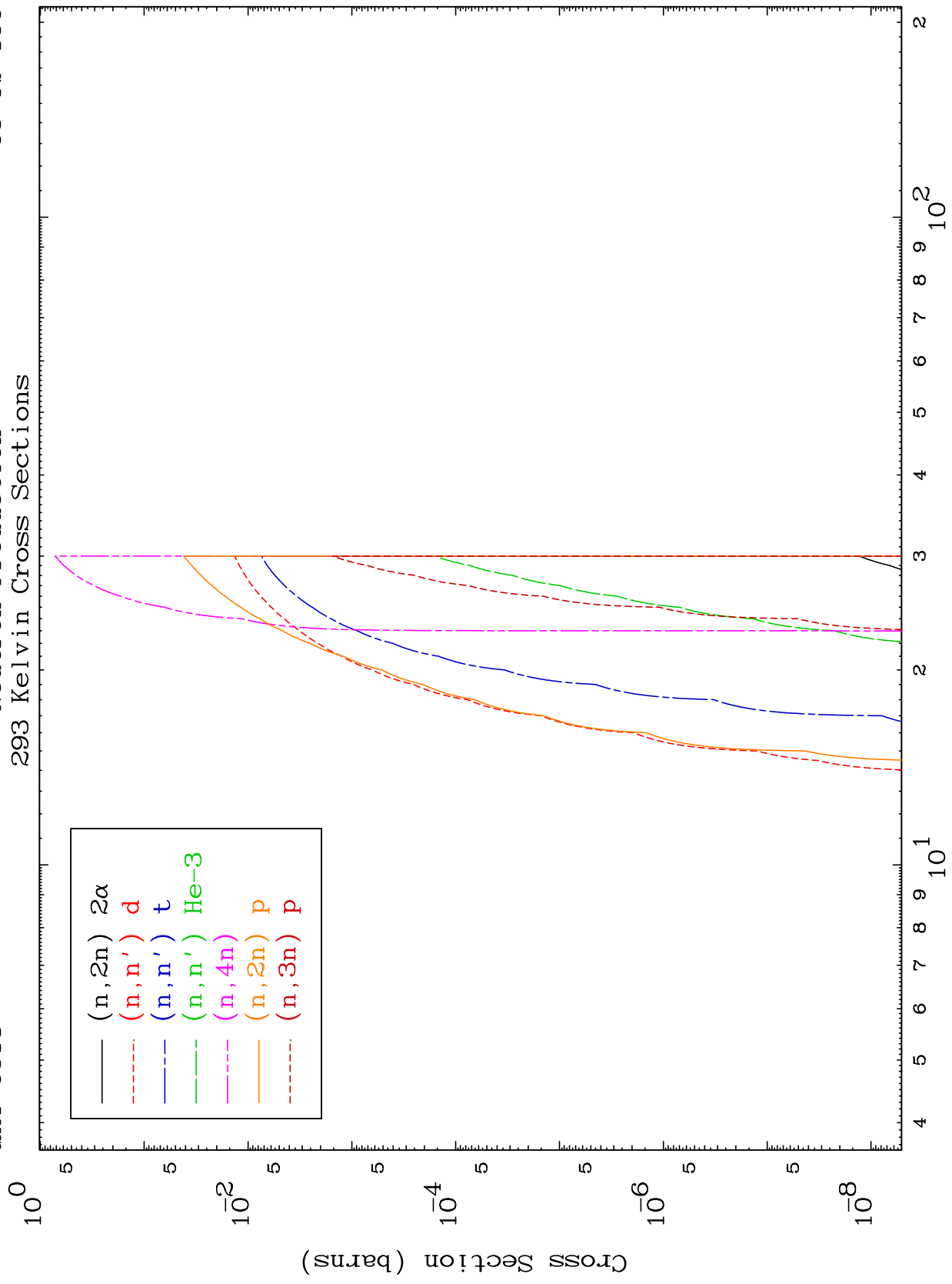
65-Tb-156



MAT 6518

Neutron Production  
293 Kelvin Cross Sections

65-Tb-156



3

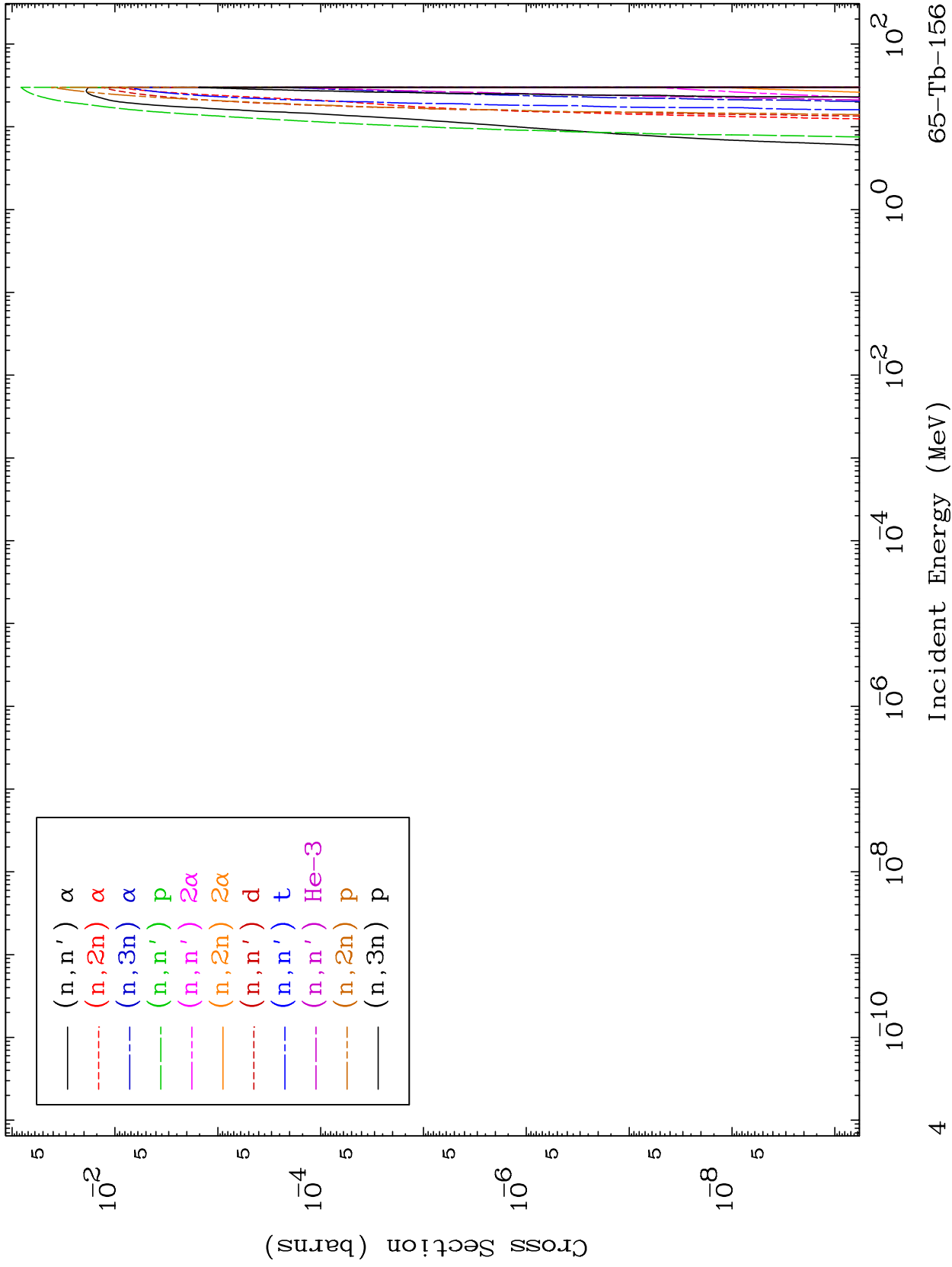
Incident Energy (MeV)

65-Tb-156

MAT 6518

Charged Particle  
293 Kelvin Cross Sections

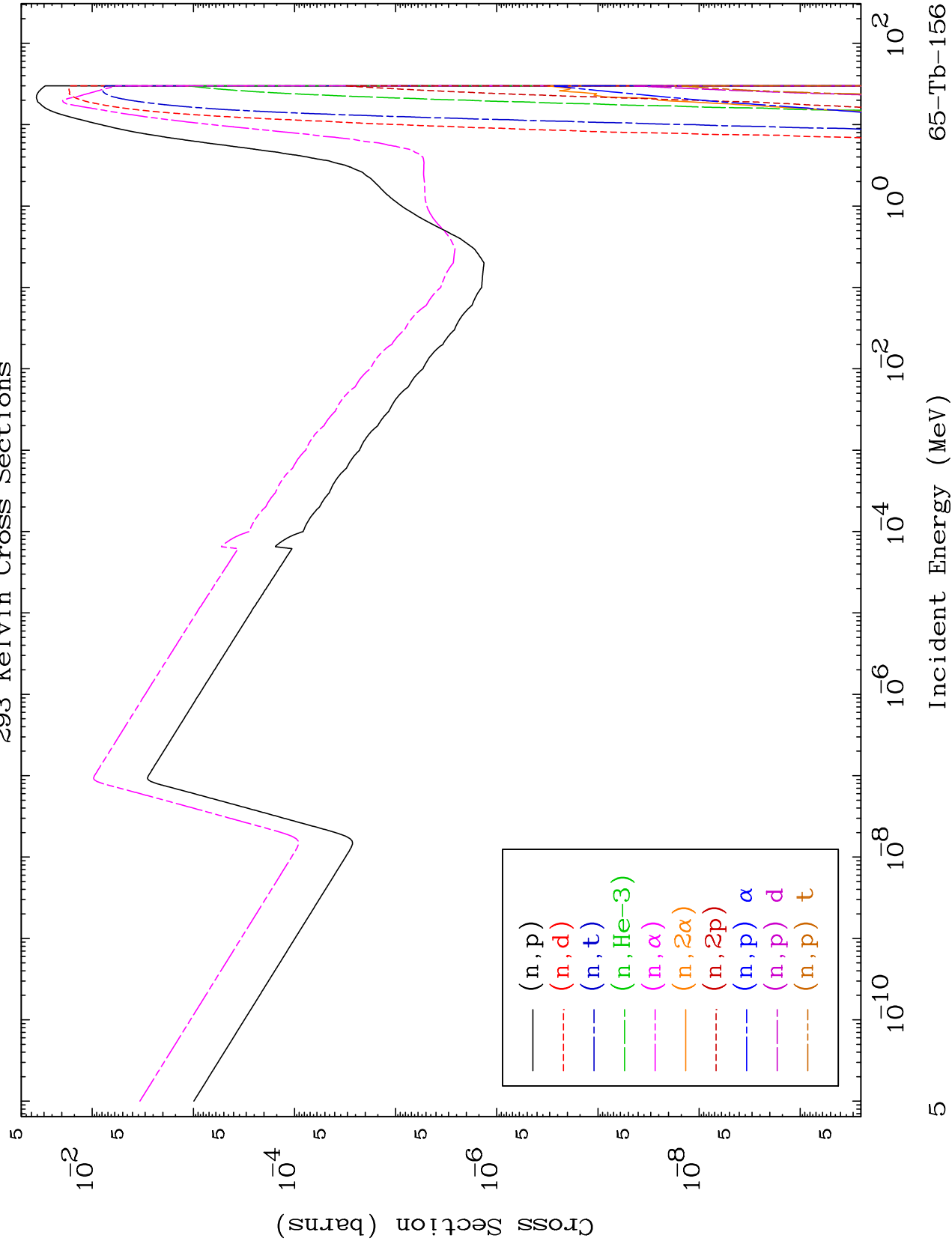
65-Tb-156



MAT 6518

Charged Particle  
293 Kelvin Cross Sections

65-Tb-156



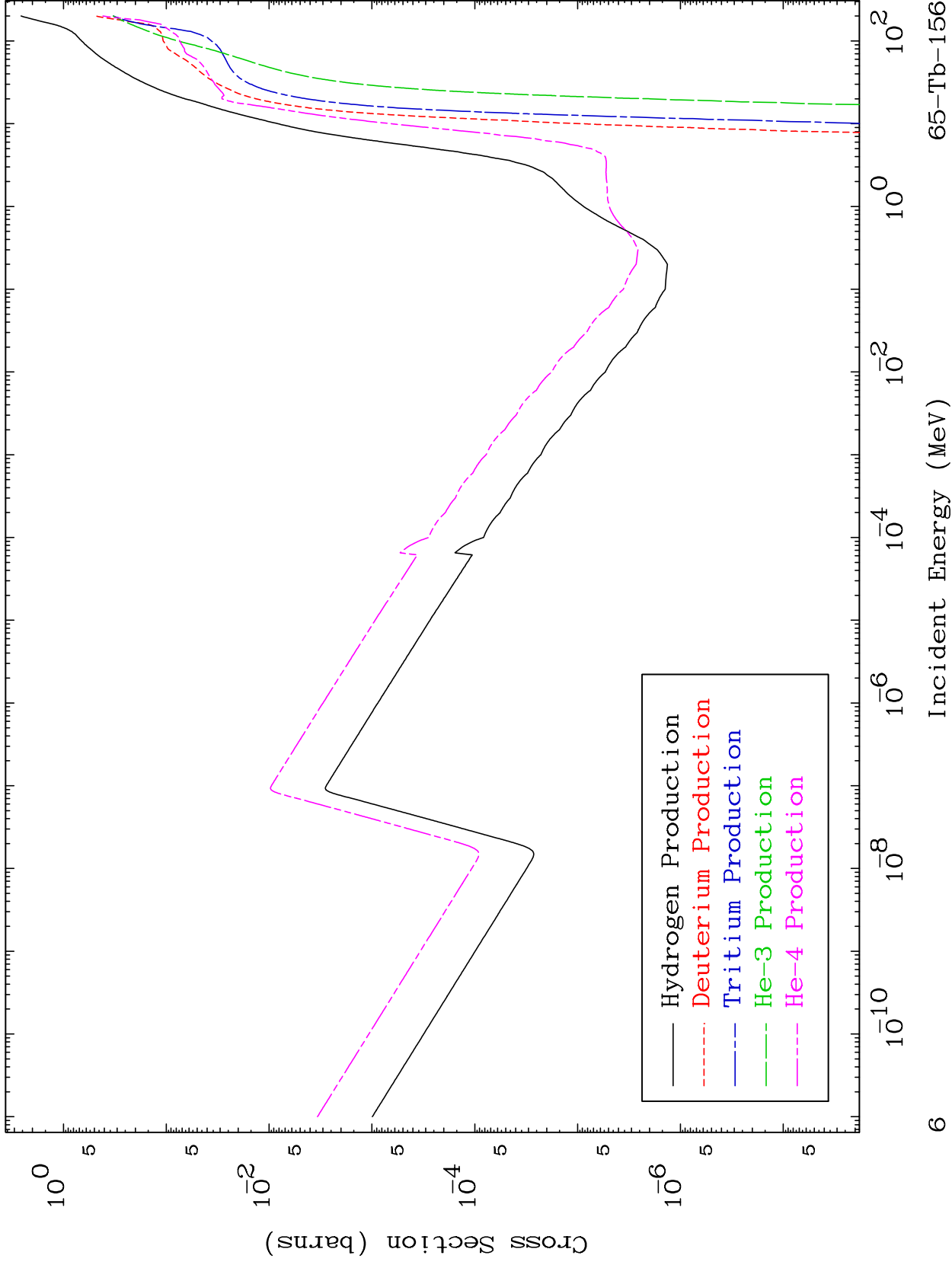
5

65-Tb-156

MAT 6518

Particle Production  
293 Kelvin Cross Sections

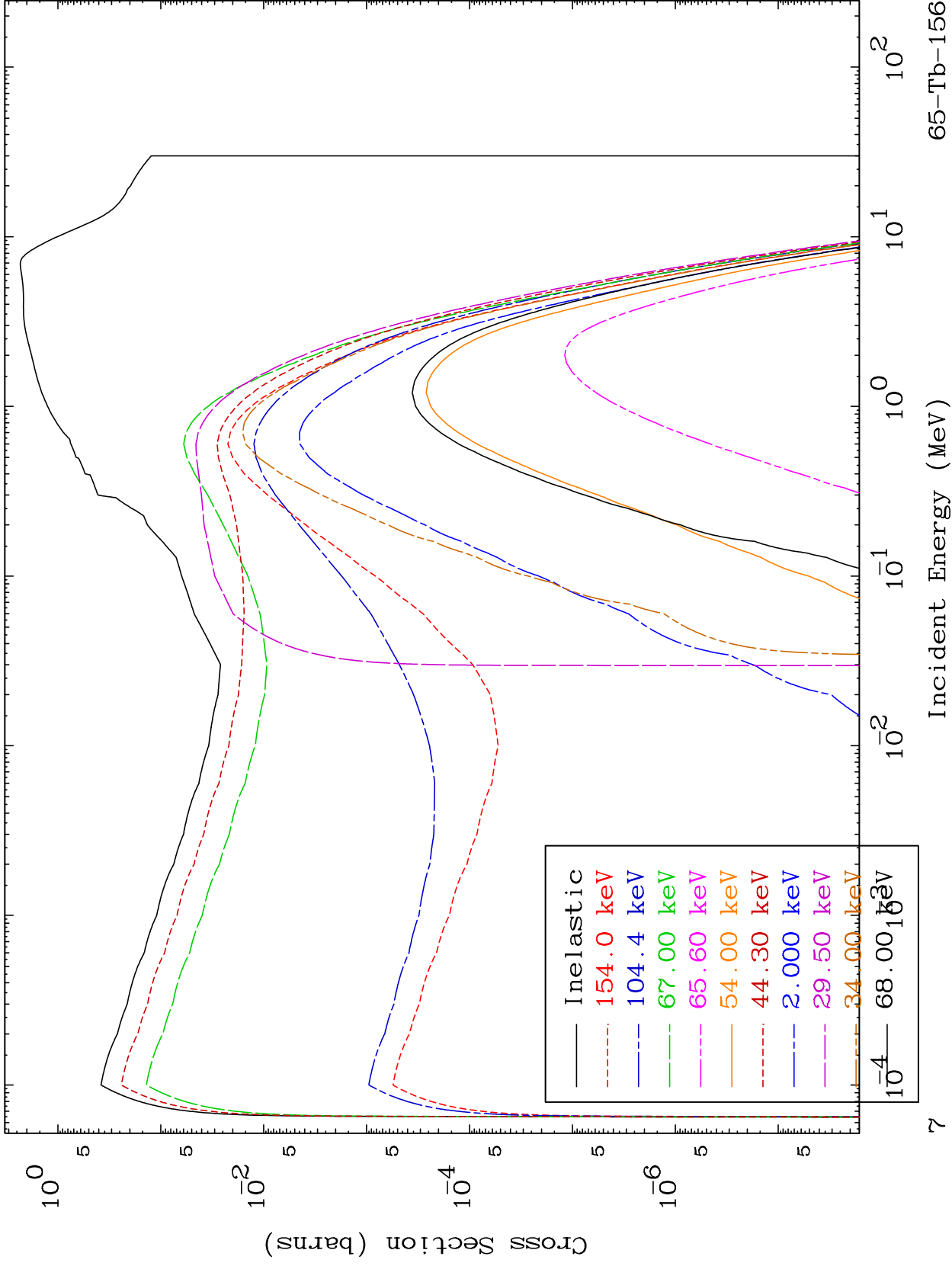
65-Tb-156



MAT 6518

(n,n') Level  
293 Kelvin Cross Sections

65-Tb-156

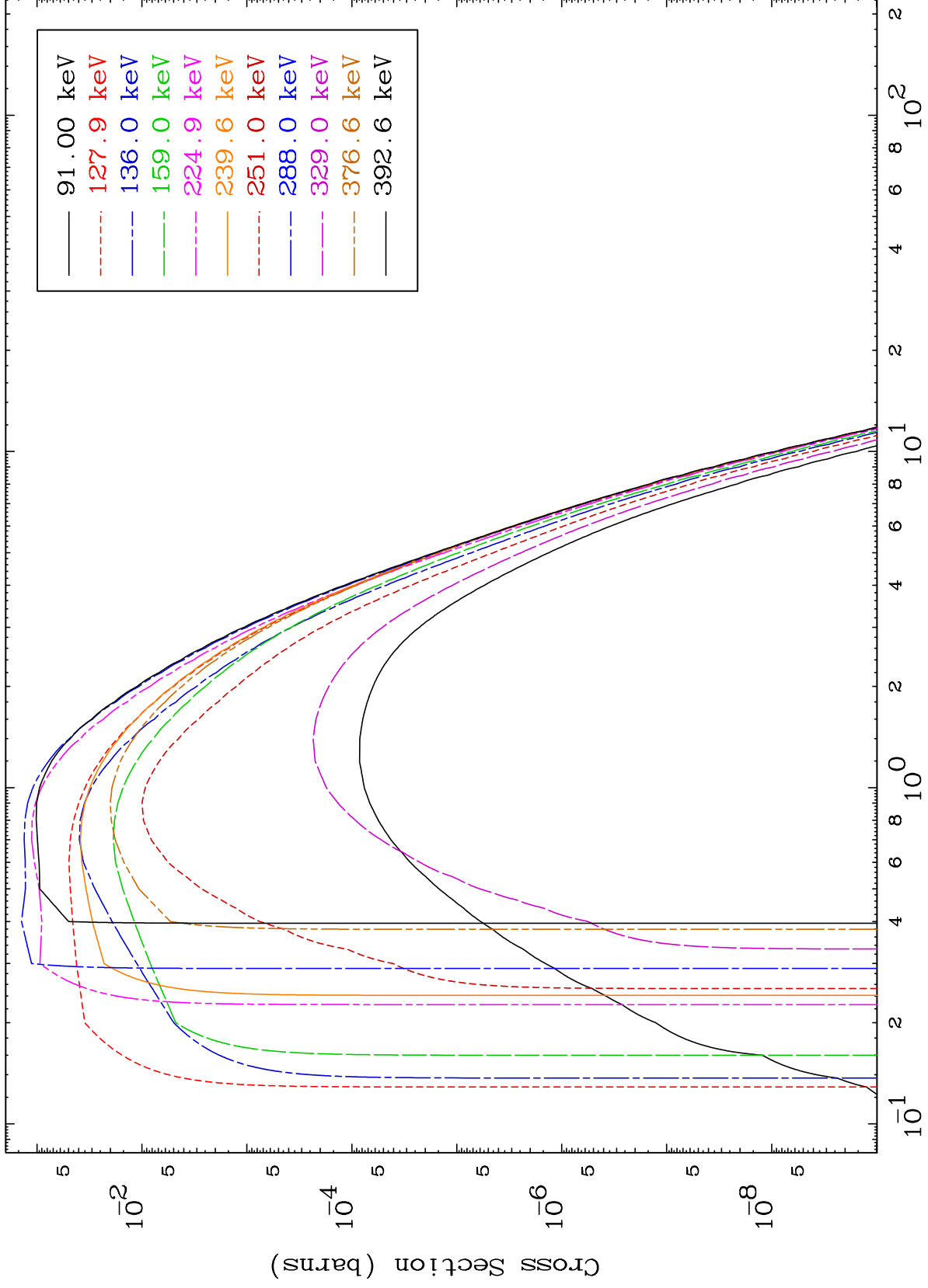




MAT 6518

(n,n') Level  
293 Kelvin Cross Sections

65-Tb-156



Incident Energy (MeV)

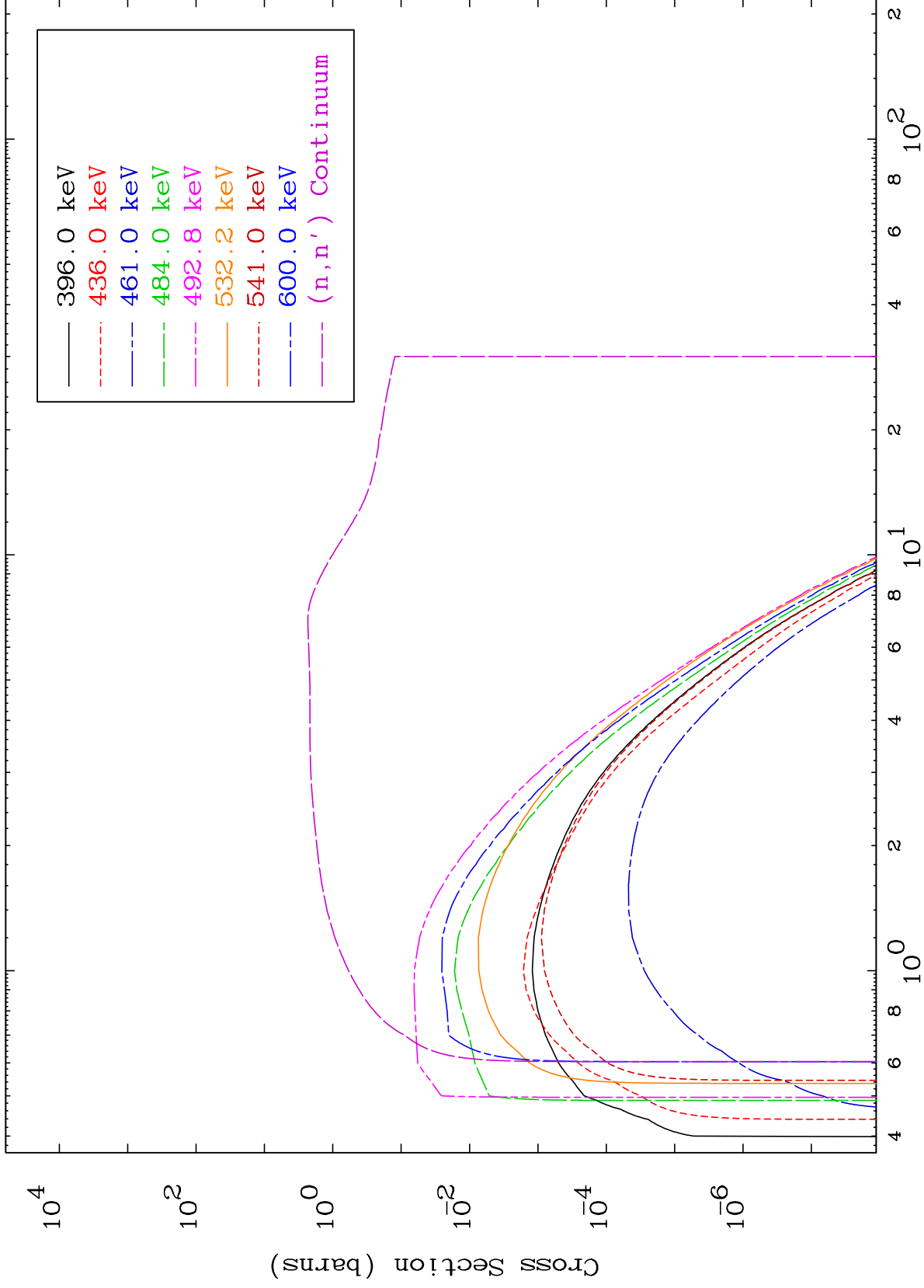
65-Tb-156

8

MAT 6518

(n,n') Level  
293 Kelvin Cross Sections

65-Tb-156



9

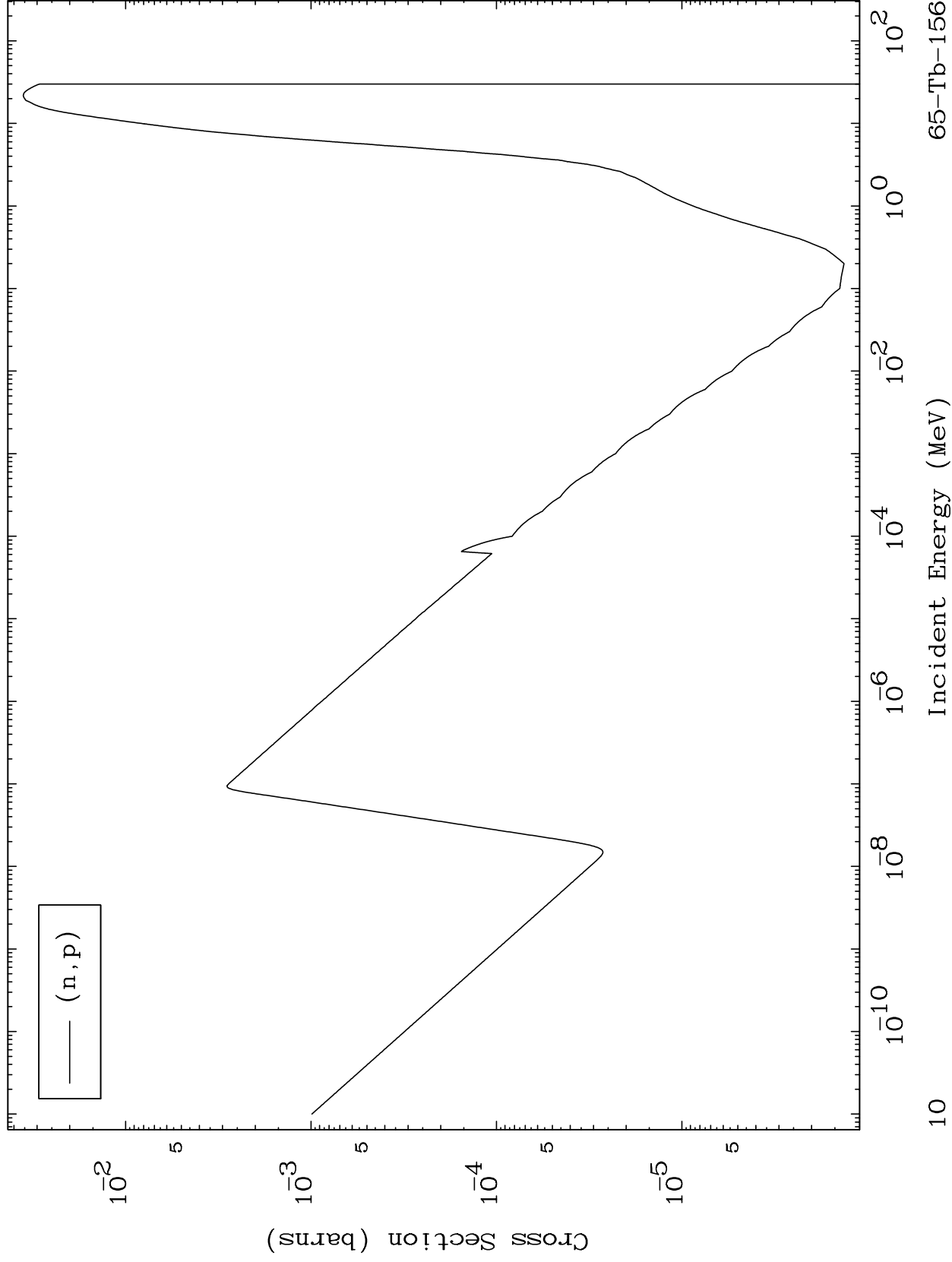
Incident Energy (MeV)

65-Tb-156

MAT 6518

(n,p) Levels  
293 Kelvin Cross Sections

65-Tb-156



10

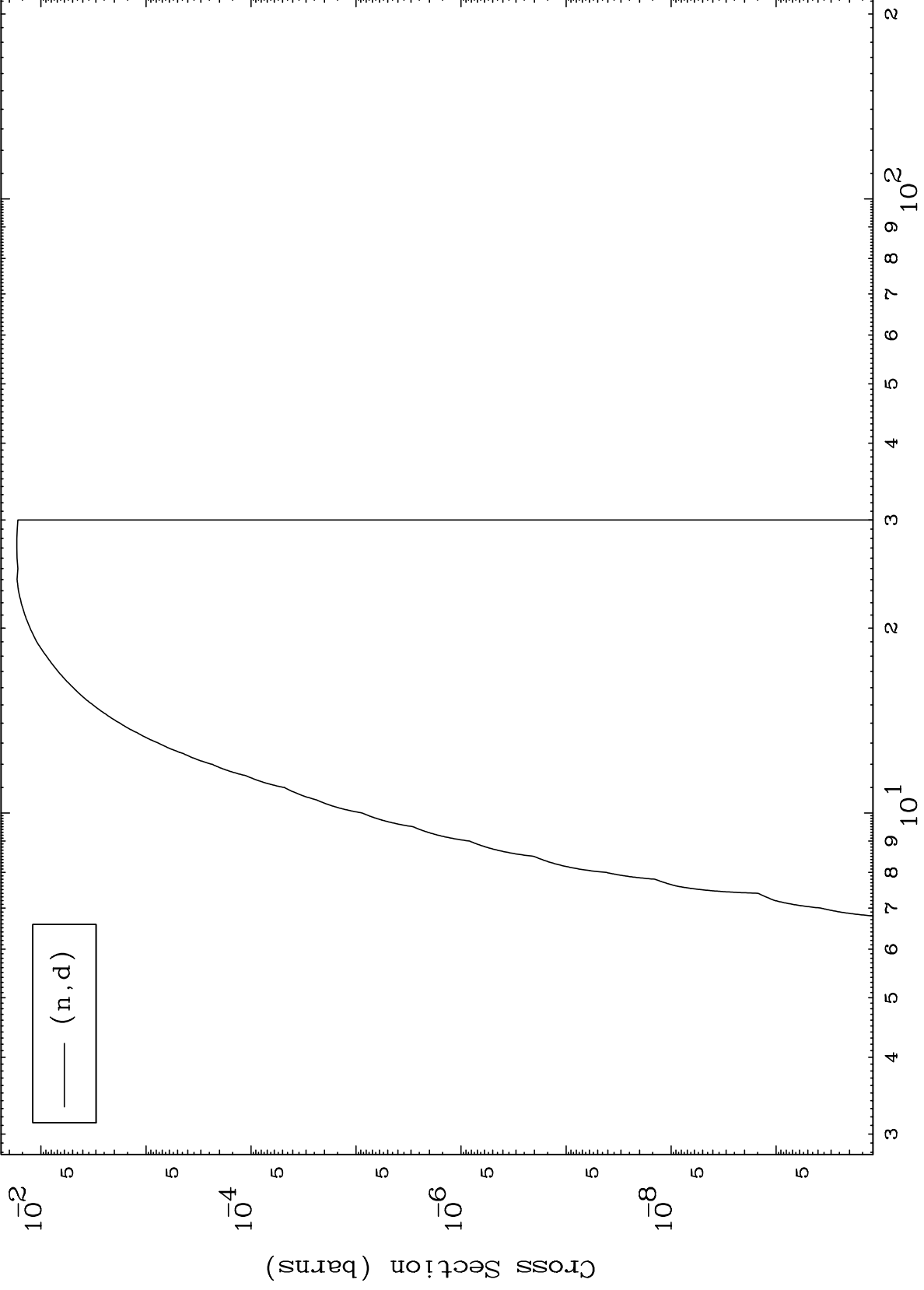
Incident Energy (MeV)

65-Tb-156

MAT 6518

(n,d) Levels  
293 Kelvin Cross Sections

65-Tb-156



11

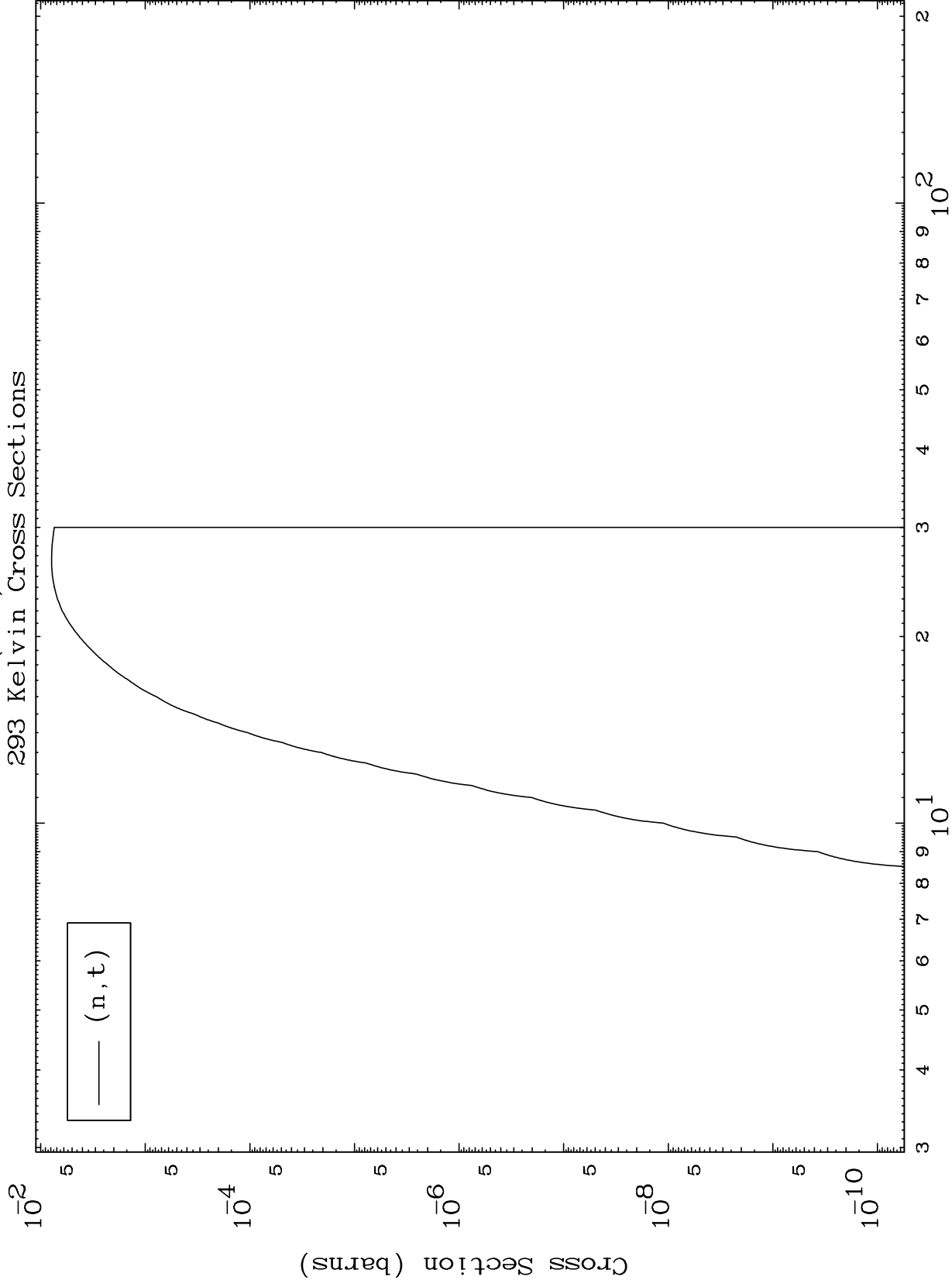
Incident Energy (MeV)

65-Tb-156

MAT 6518

(n,t) Levels  
293 Kelvin Cross Sections

65-Tb-156



12

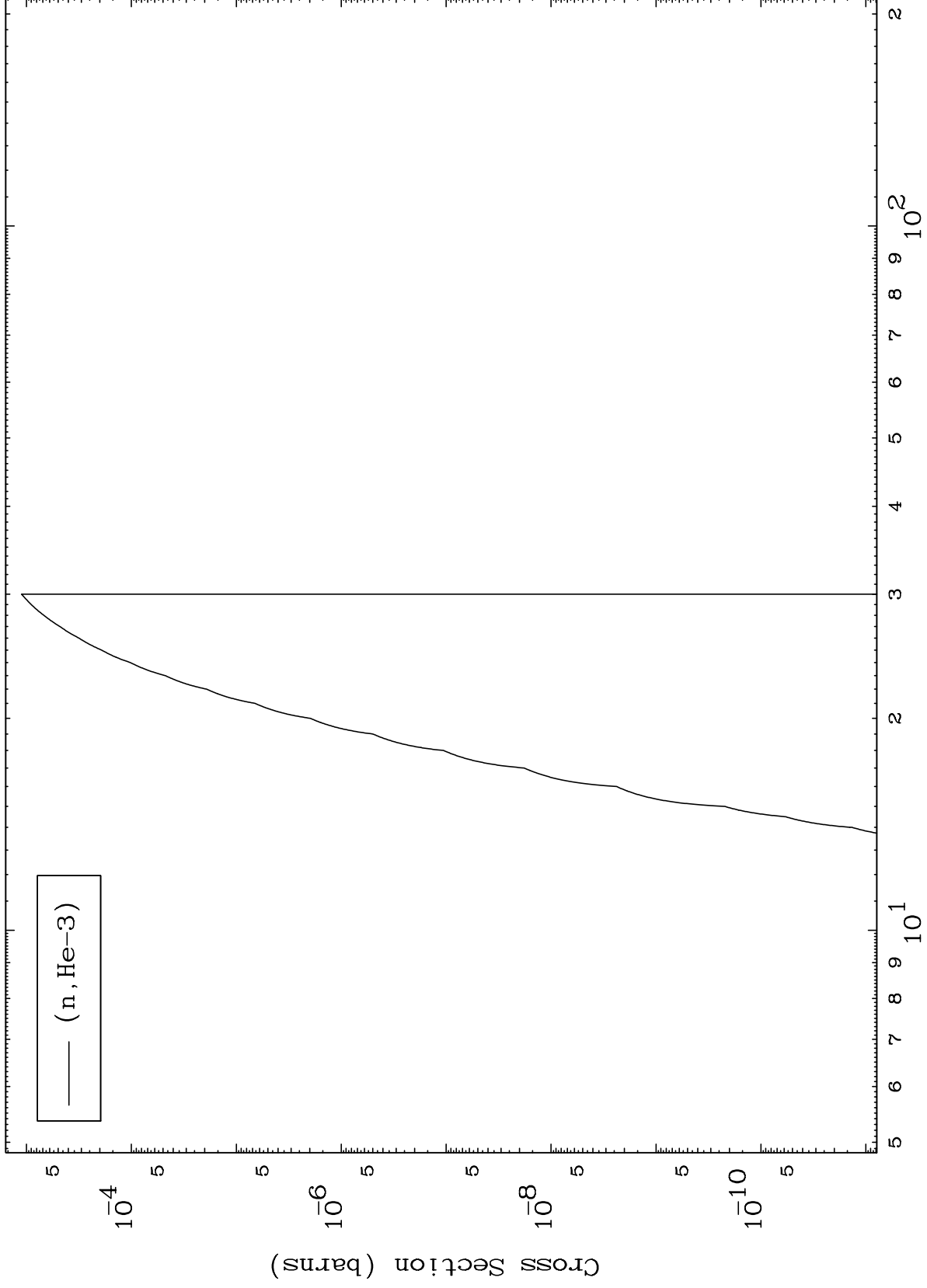
Incident Energy (MeV)

65-Tb-156

MAT 6518

(n,He3) Levels  
293 Kelvin Cross Sections

65-Tb-156



13

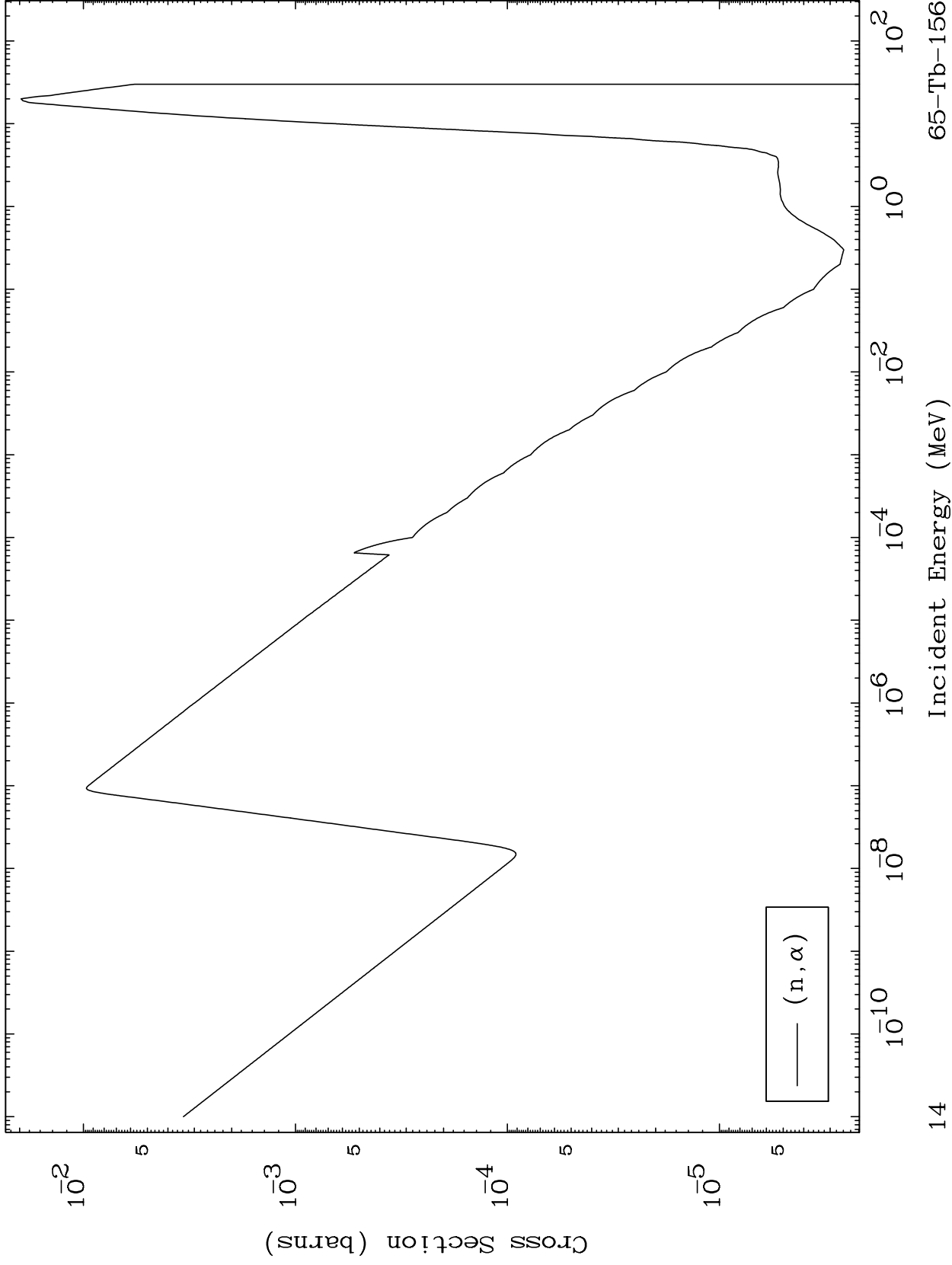
Incident Energy (MeV)

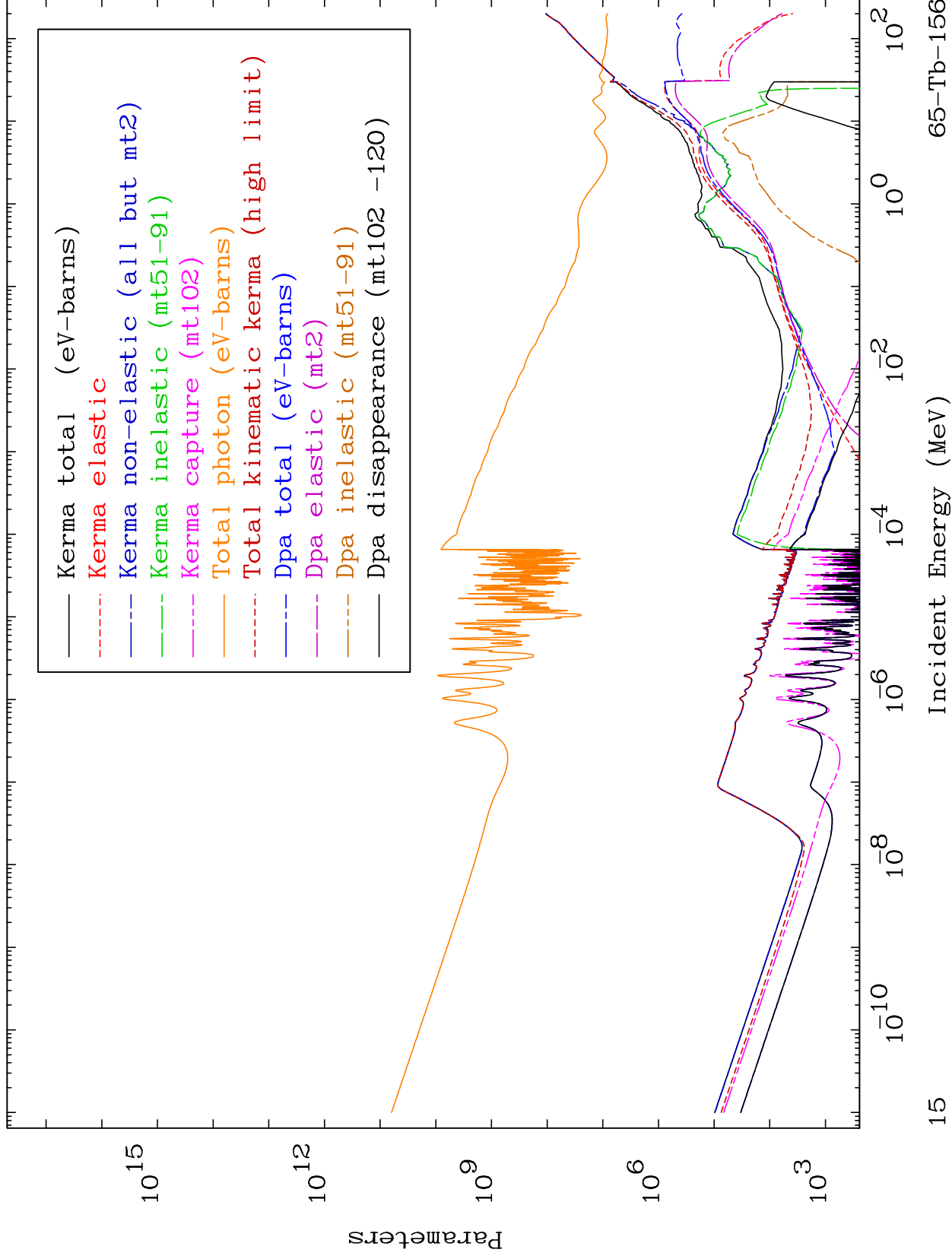
65-Tb-156

MAT 6518

(n,α) Levels  
293 Kelvin Cross Sections

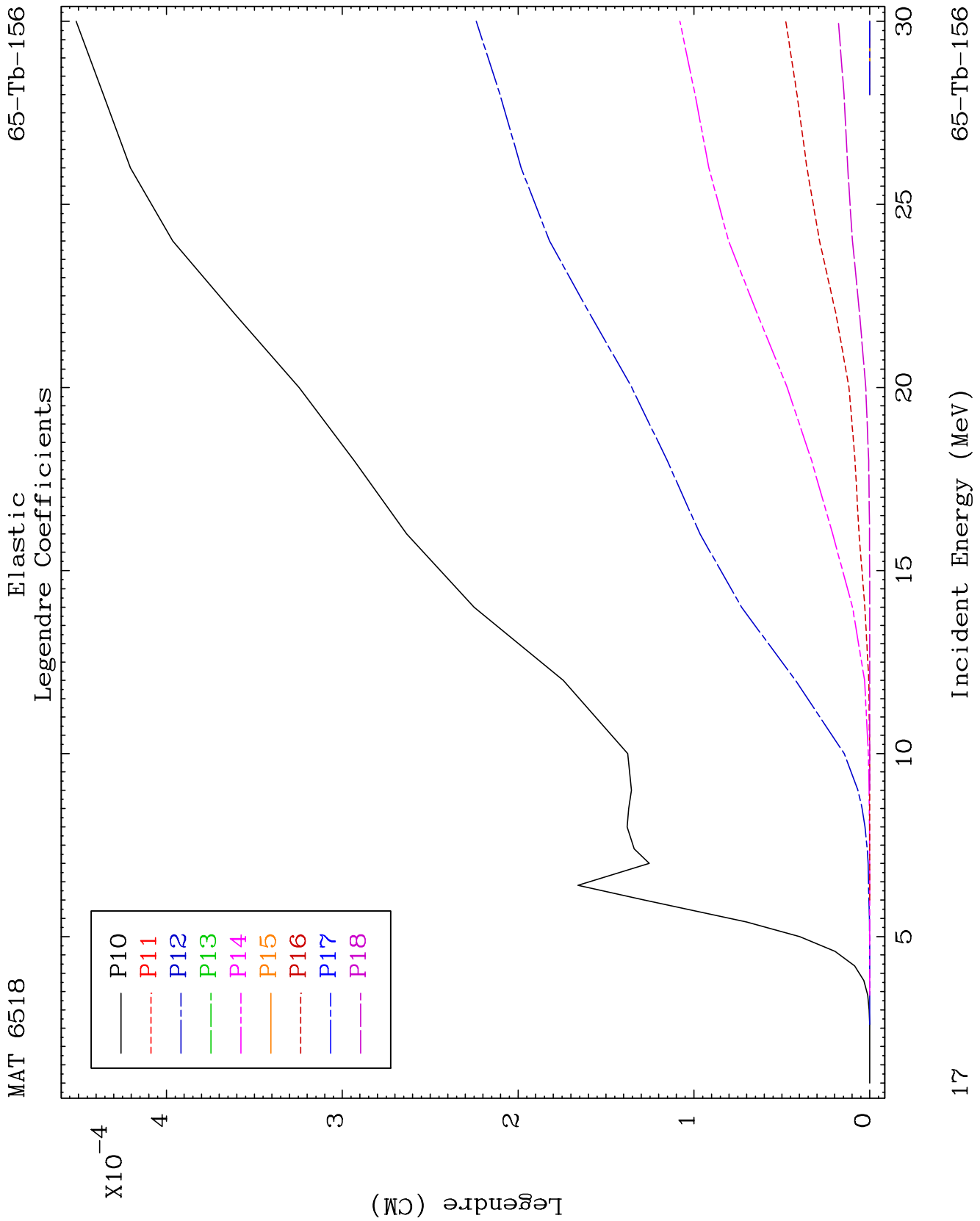
65-Tb-156







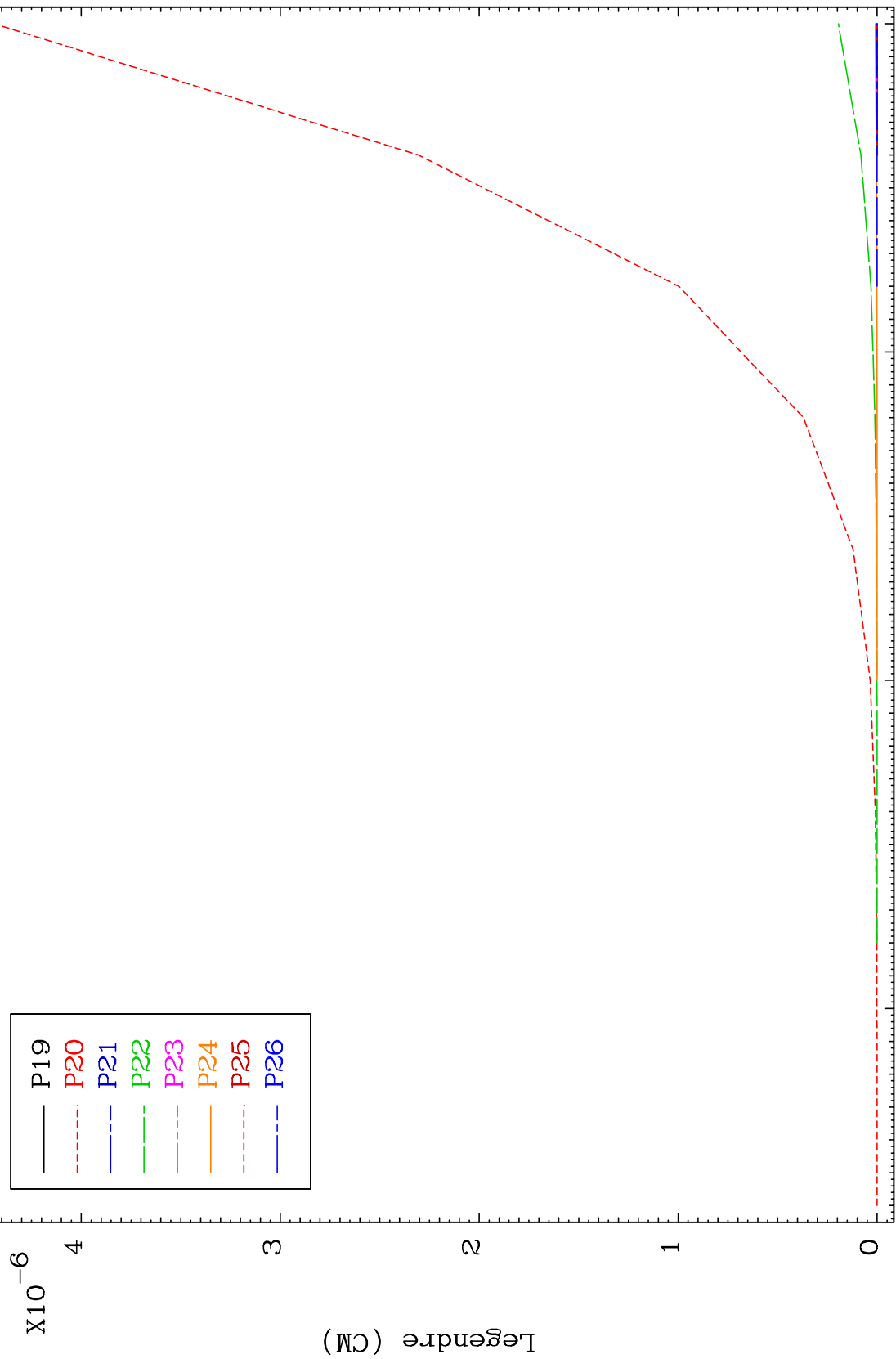
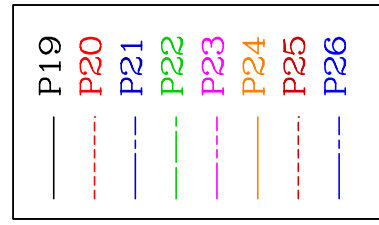




MAT 6518

### Elastic Legendre Coefficients

65-Tb-156



18

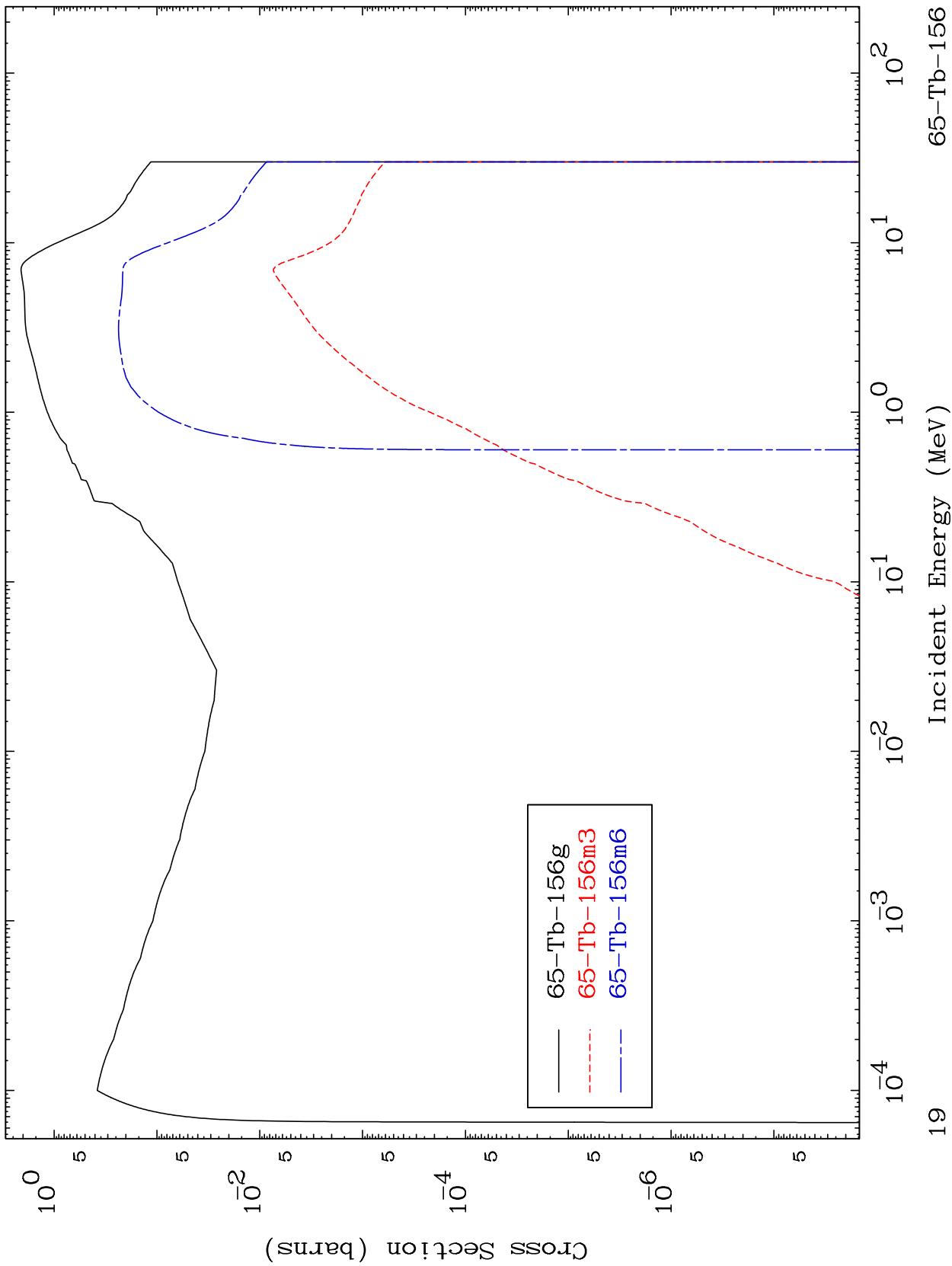
Incident Energy (MeV)

65-Tb-156

MAT 6518

65-Tb-156

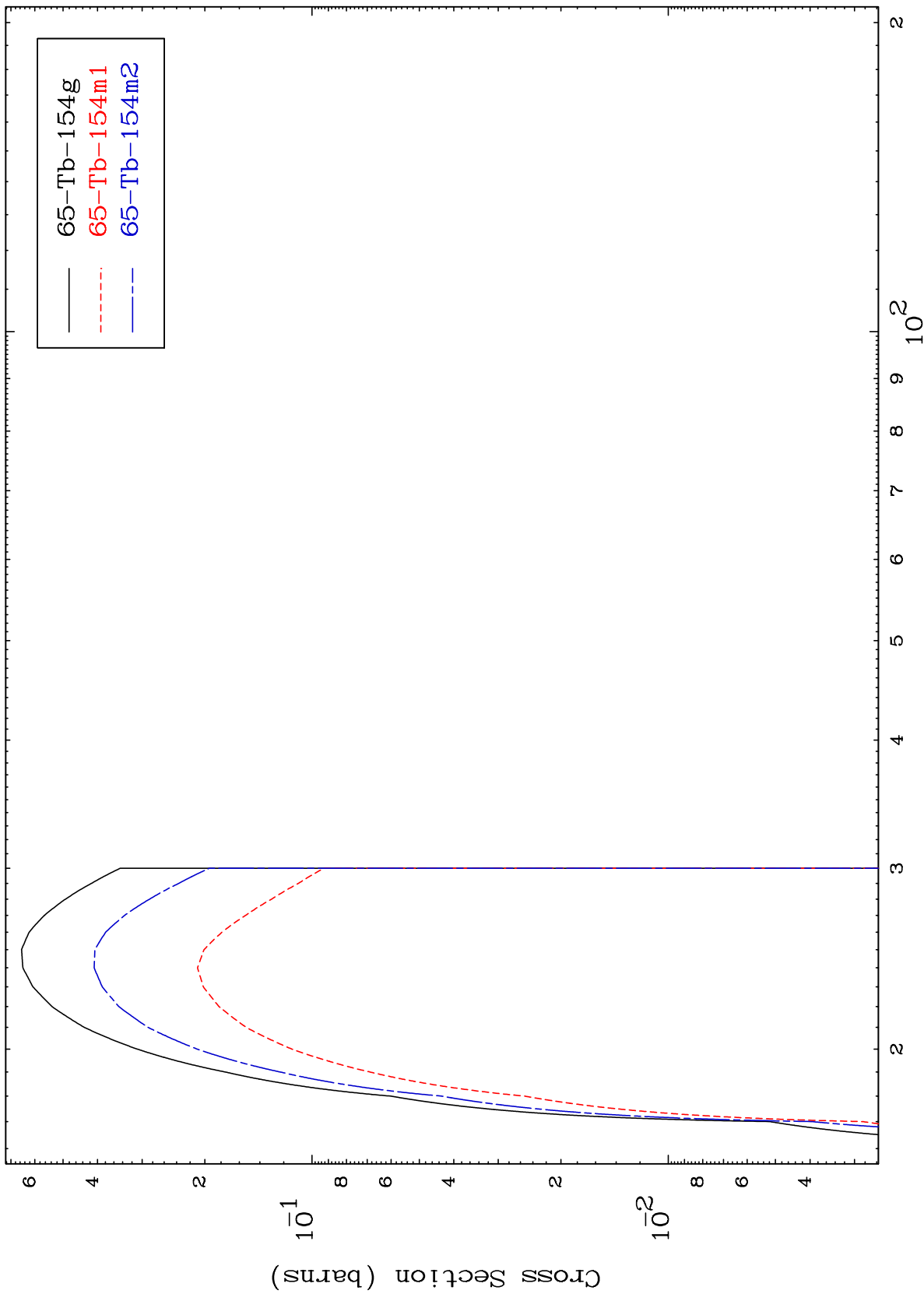
Inelastic  
Radionuclide Production Cross Section



MAT 6518

65-Tb-156

(n,3n)  
Radionuclide Production Cross Section



20

Incident Energy (MeV)

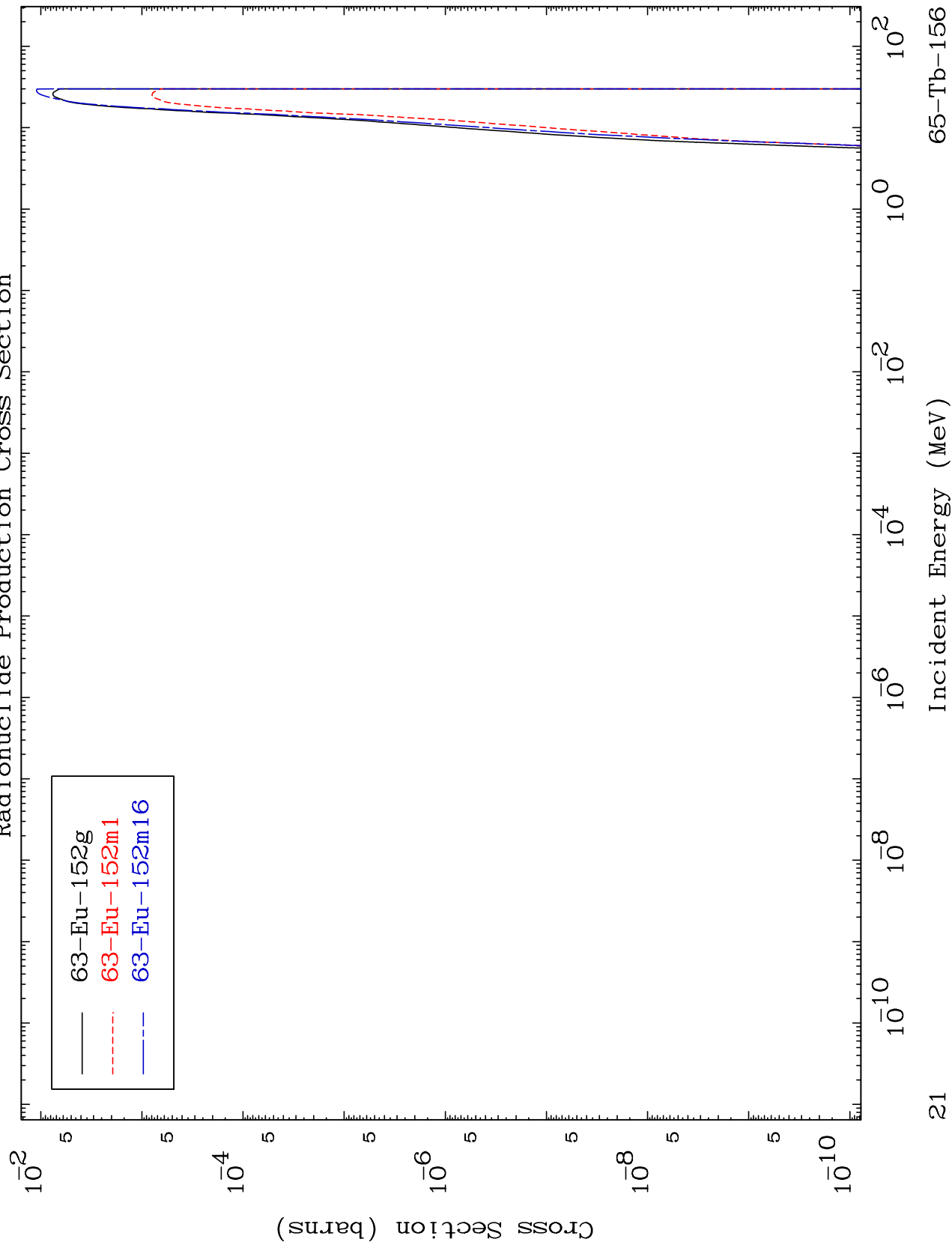
65-Tb-156

MAT 6518

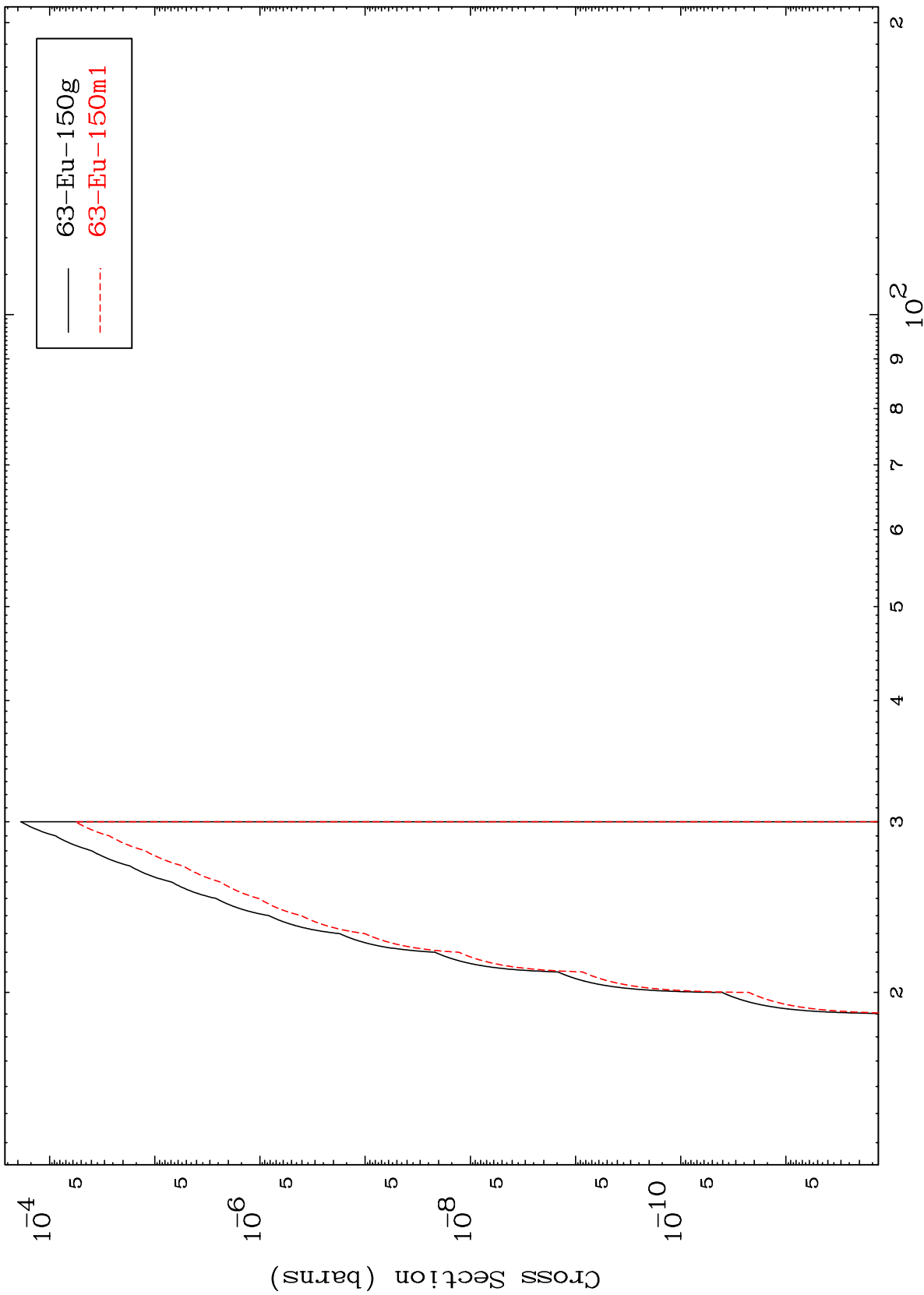
$(n, n') \alpha$

65-Tb-156

Radionuclide Production Cross Section



Radionuclide Production Cross Section

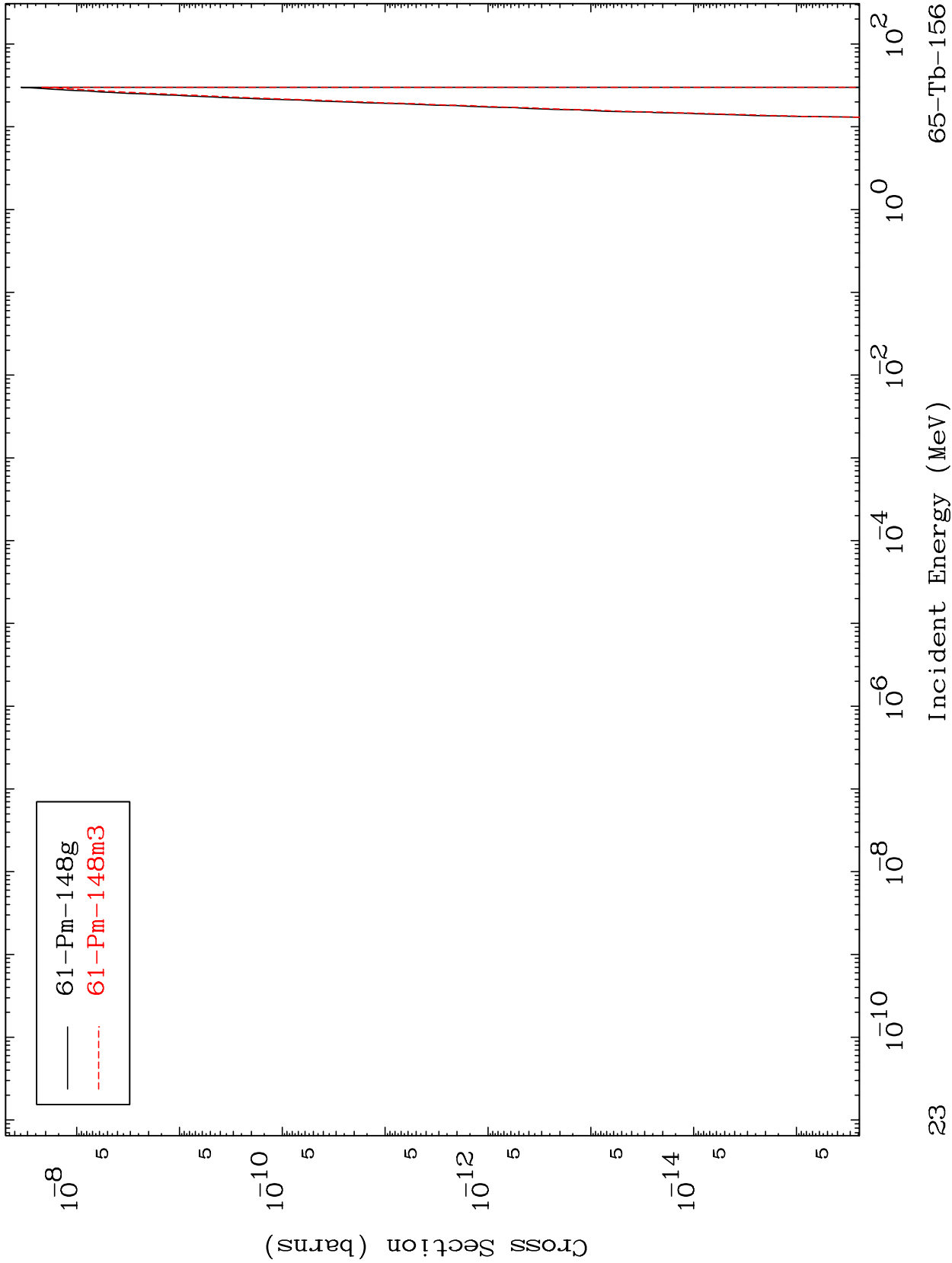


MAT 6518

(n,n') 2α

65-Tb-156

Radionuclide Production Cross Section



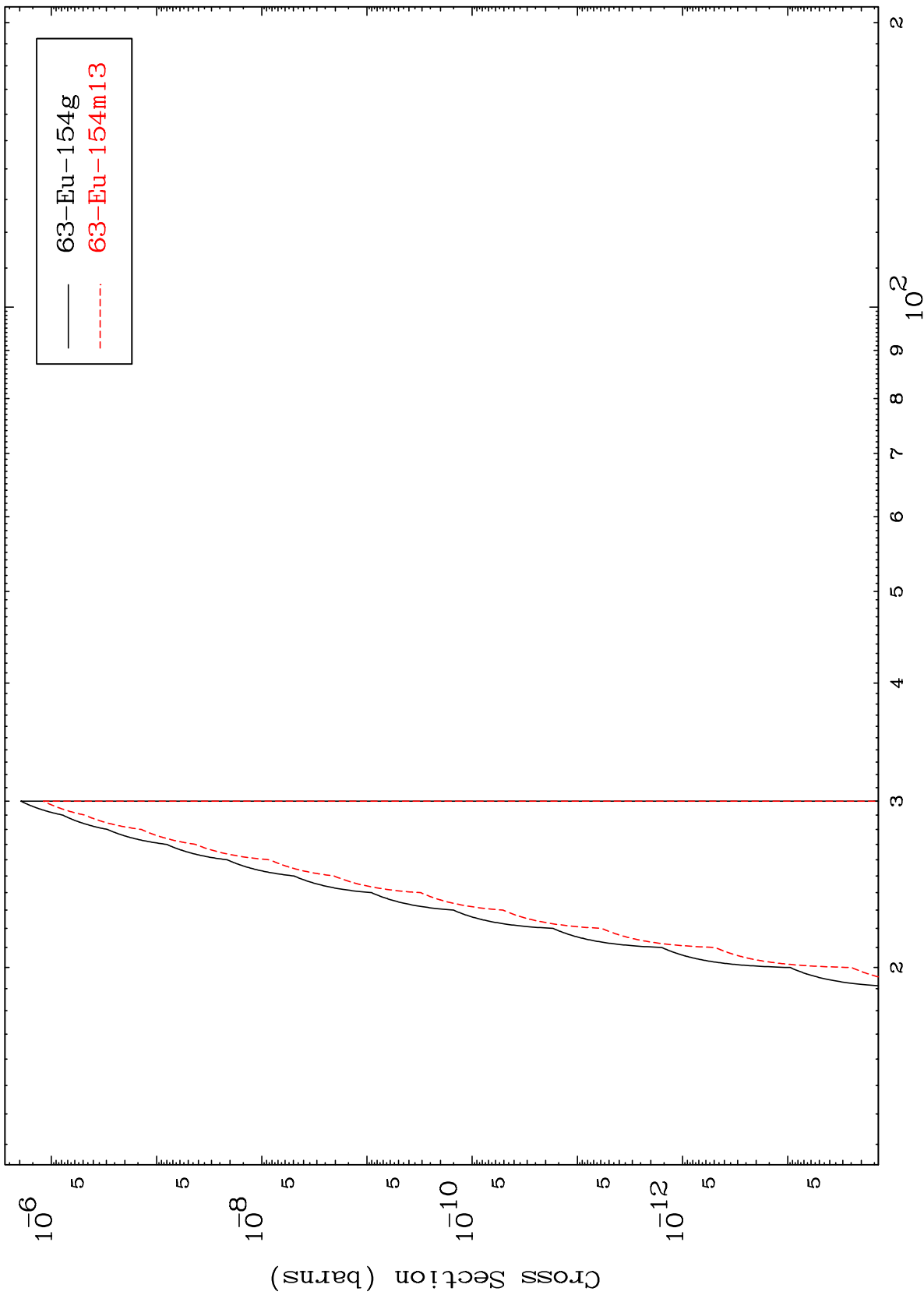


MAT 6518

(n,2n) p

65-Tb-156

Radionuclide Production Cross Section



63-Eu-154g  
63-Eu-154m13

24

Incident Energy (MeV)

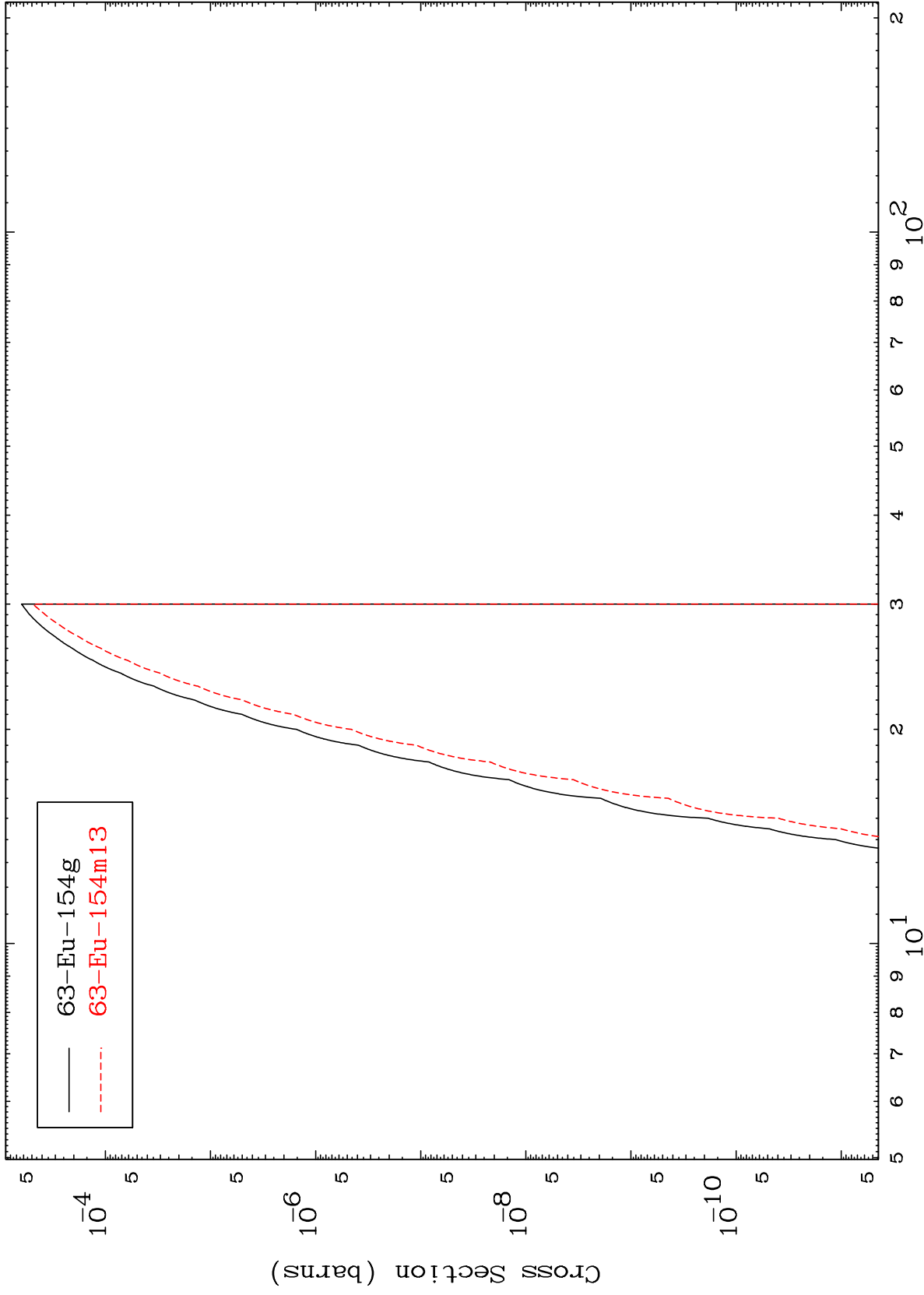
65-Tb-156

MAT 6518

(n,He-3)

65-Tb-156

Radionuclide Production Cross Section



25

Incident Energy (MeV)

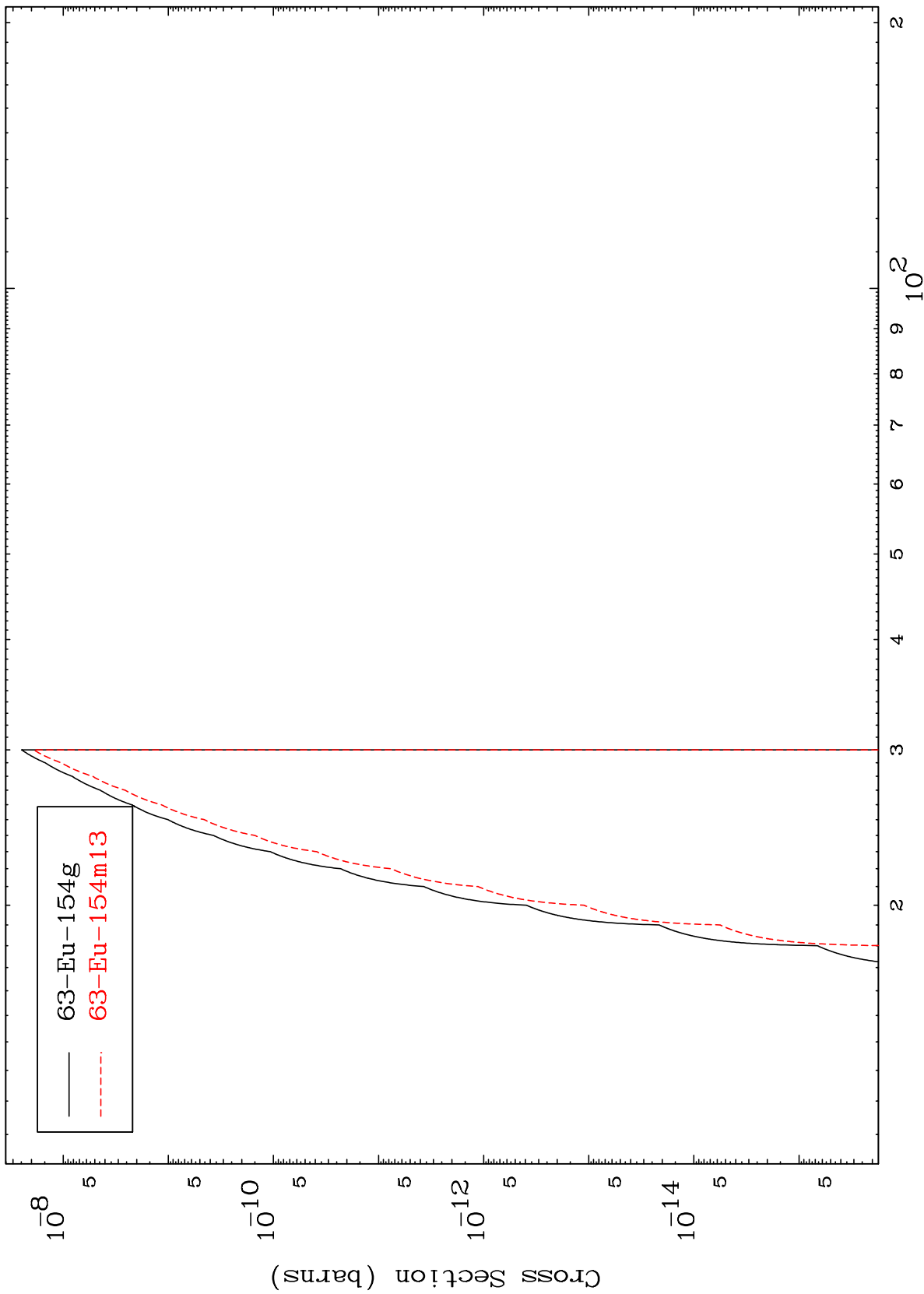
65-Tb-156

MAT 6518

(n,p) d

65-Tb-156

Radionuclide Production Cross Section



Incident Energy (MeV)

65-Tb-156

26