

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

Web:redcullen1.net/HOMEPAGE.NEW

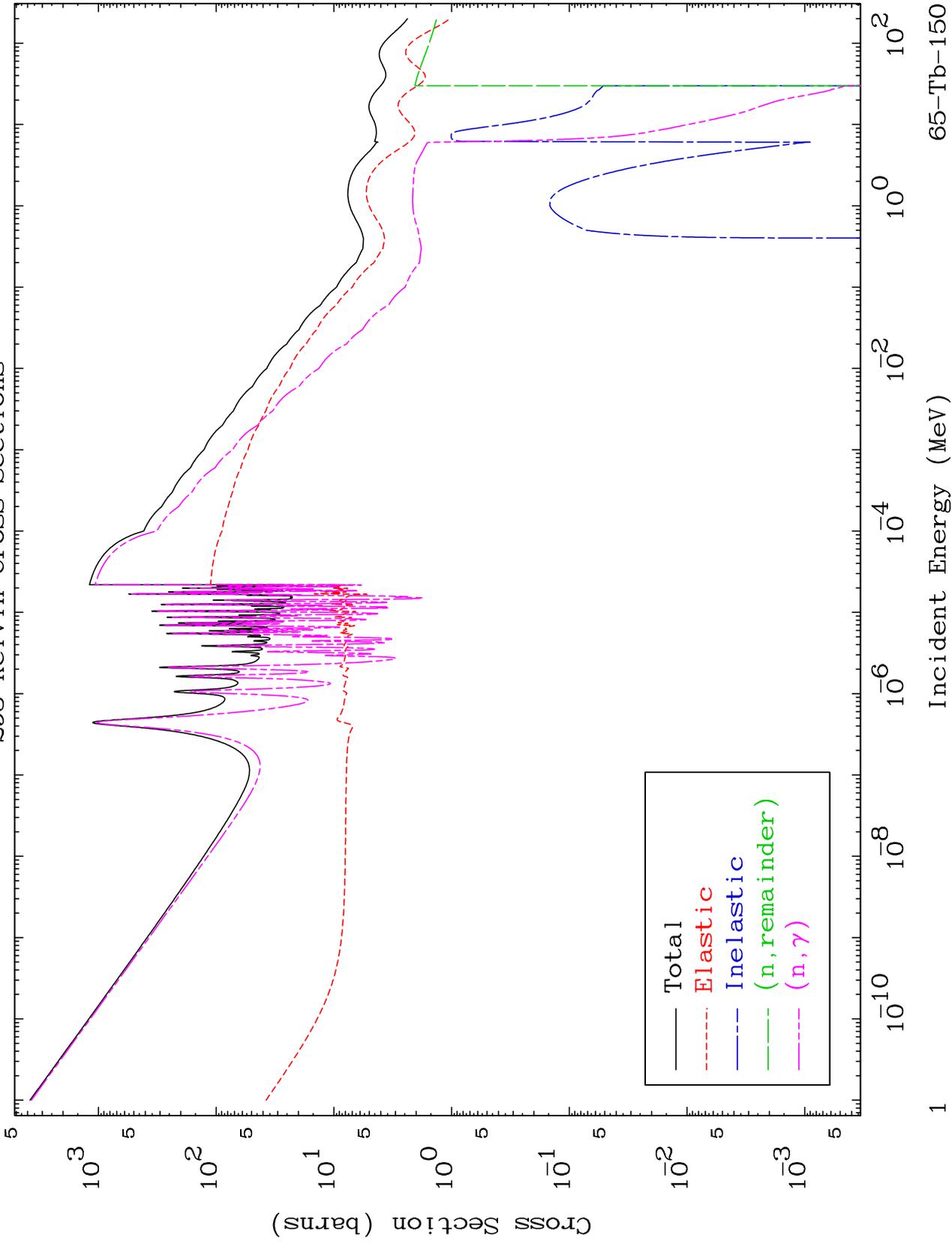
Press Mouse Button to Start

MAT 6498

Major

293 Kelvin Cross Sections

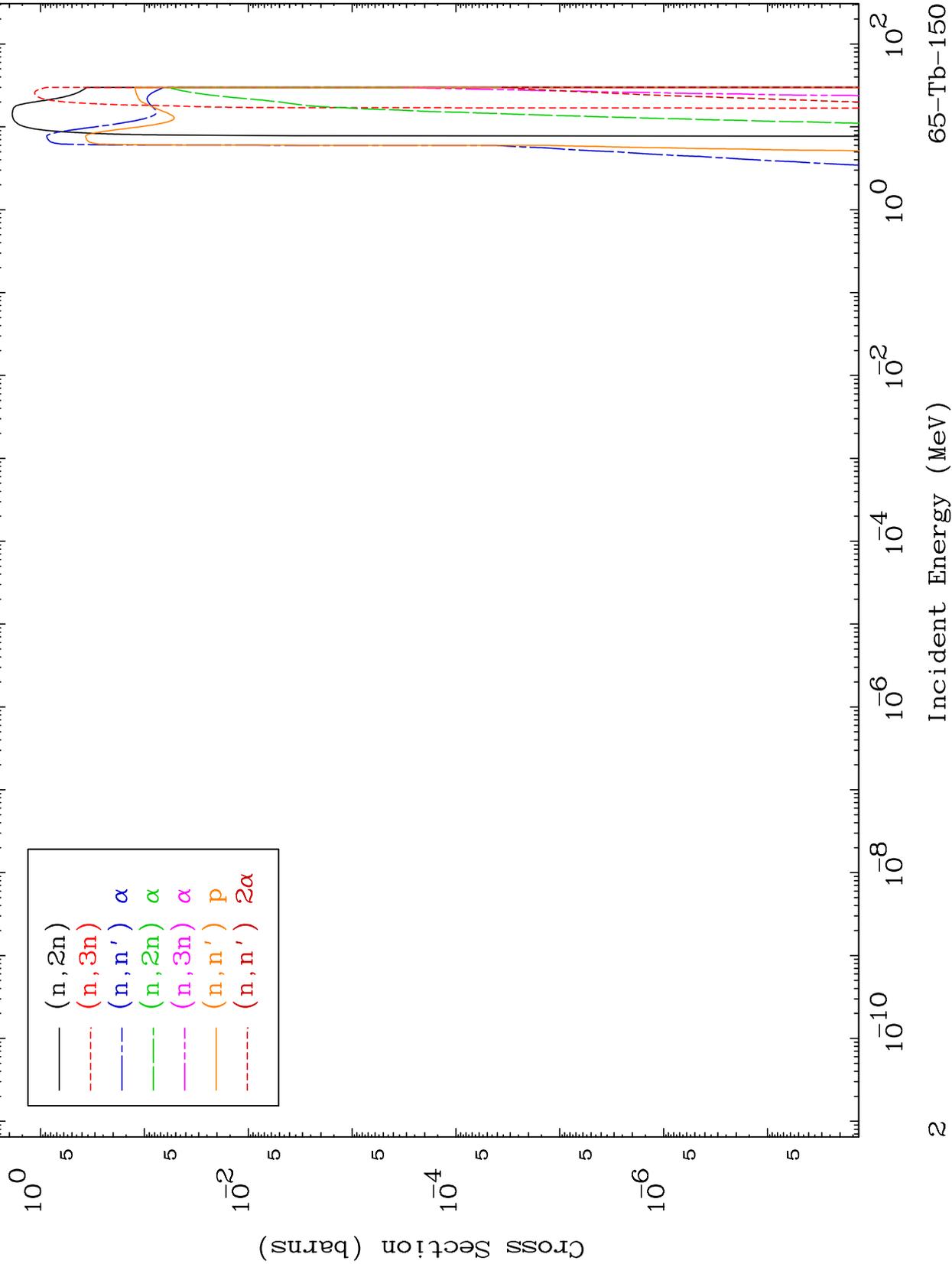
65-Tb-150

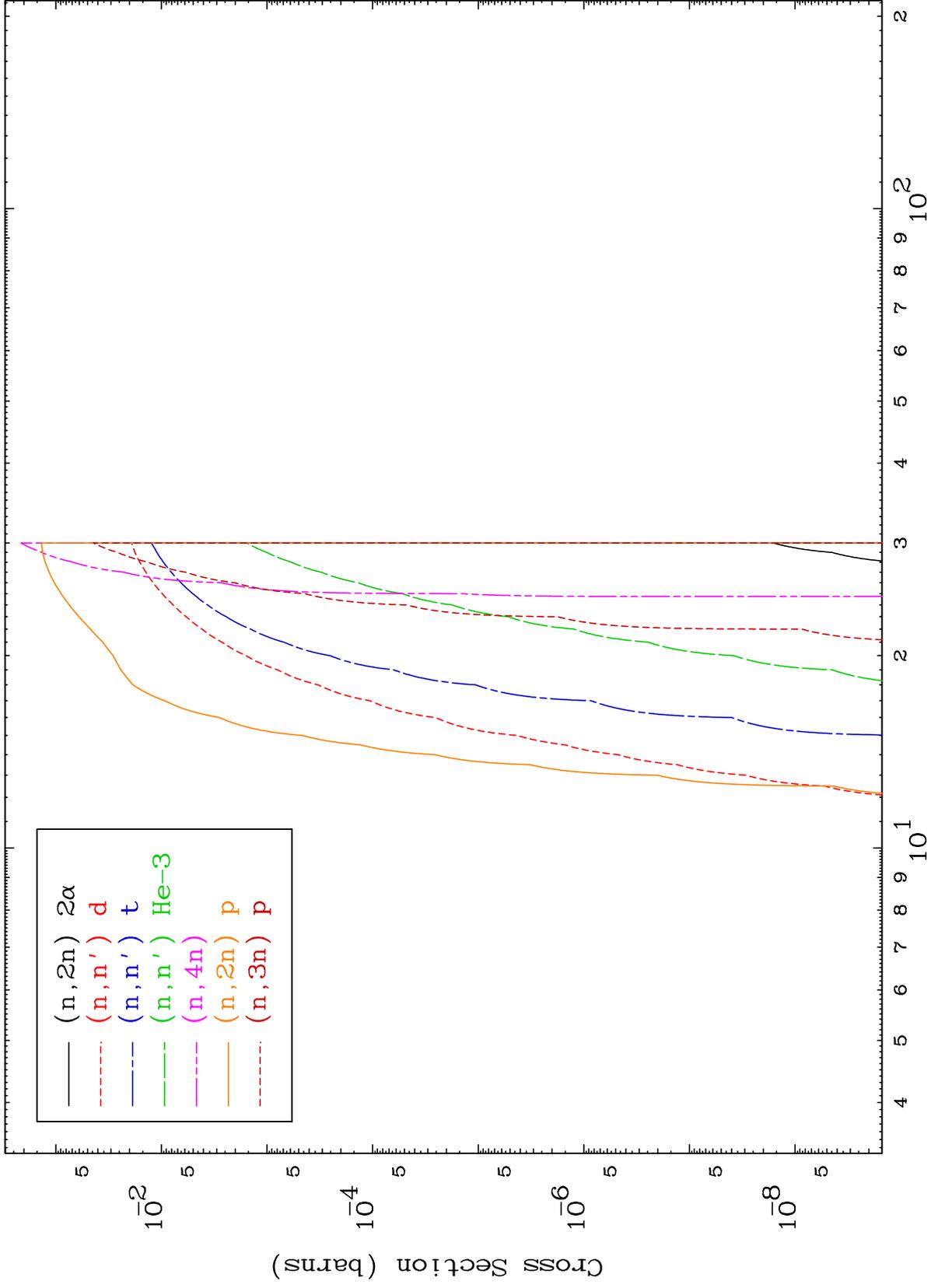


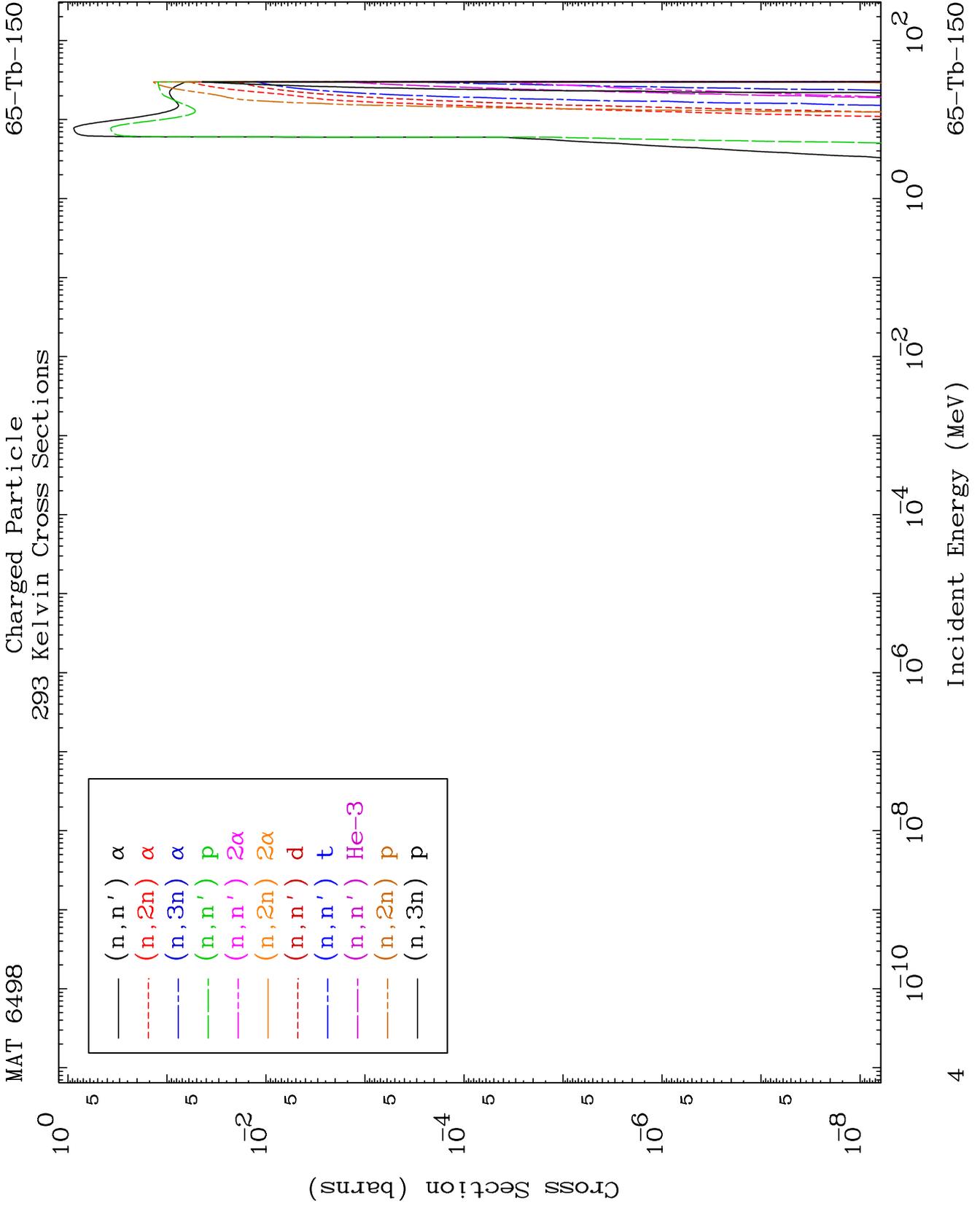
MAT 6498

Neutron Production
293 Kelvin Cross Sections

65-Tb-150



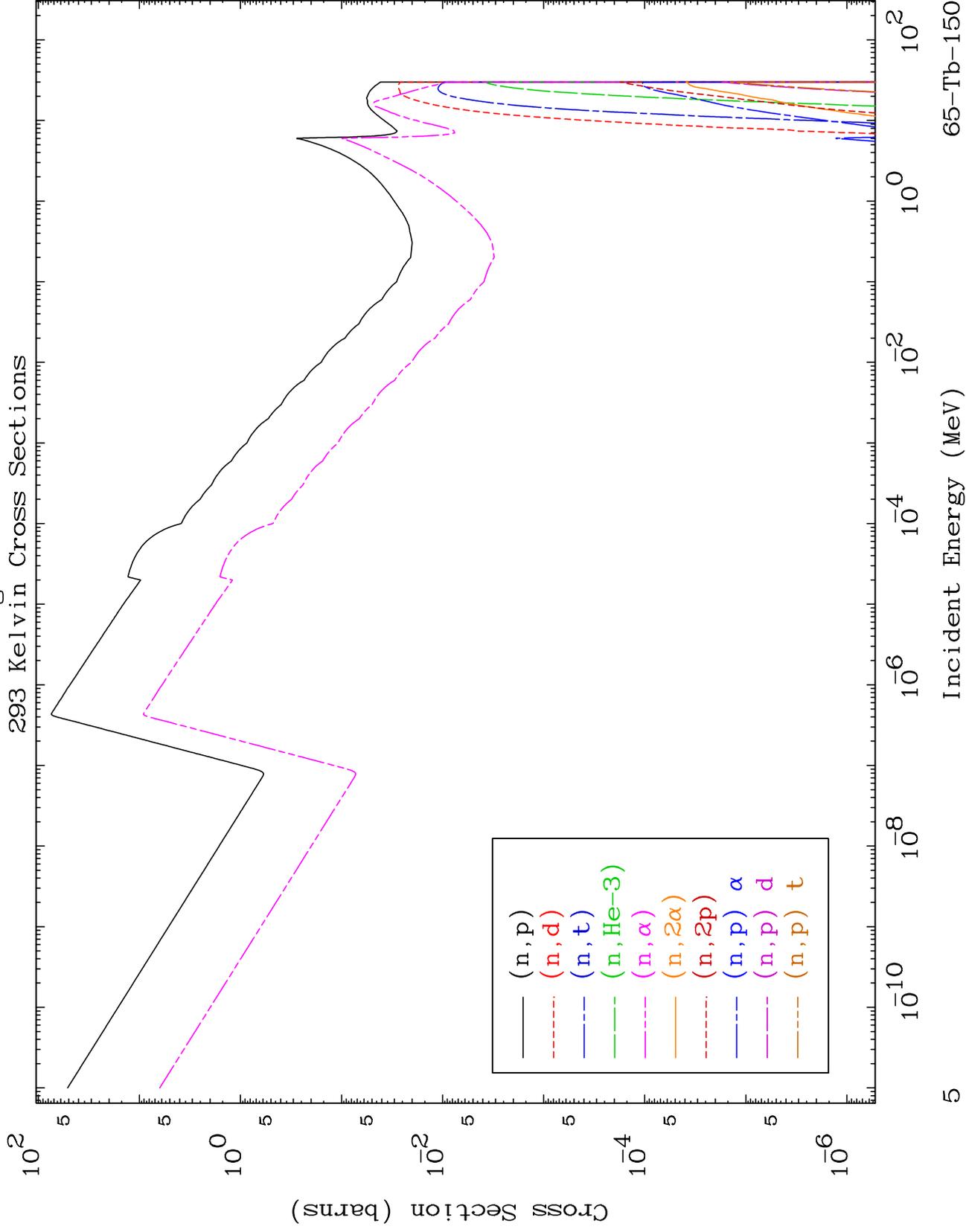




MAT 6498

Charged Particle
293 Kelvin Cross Sections

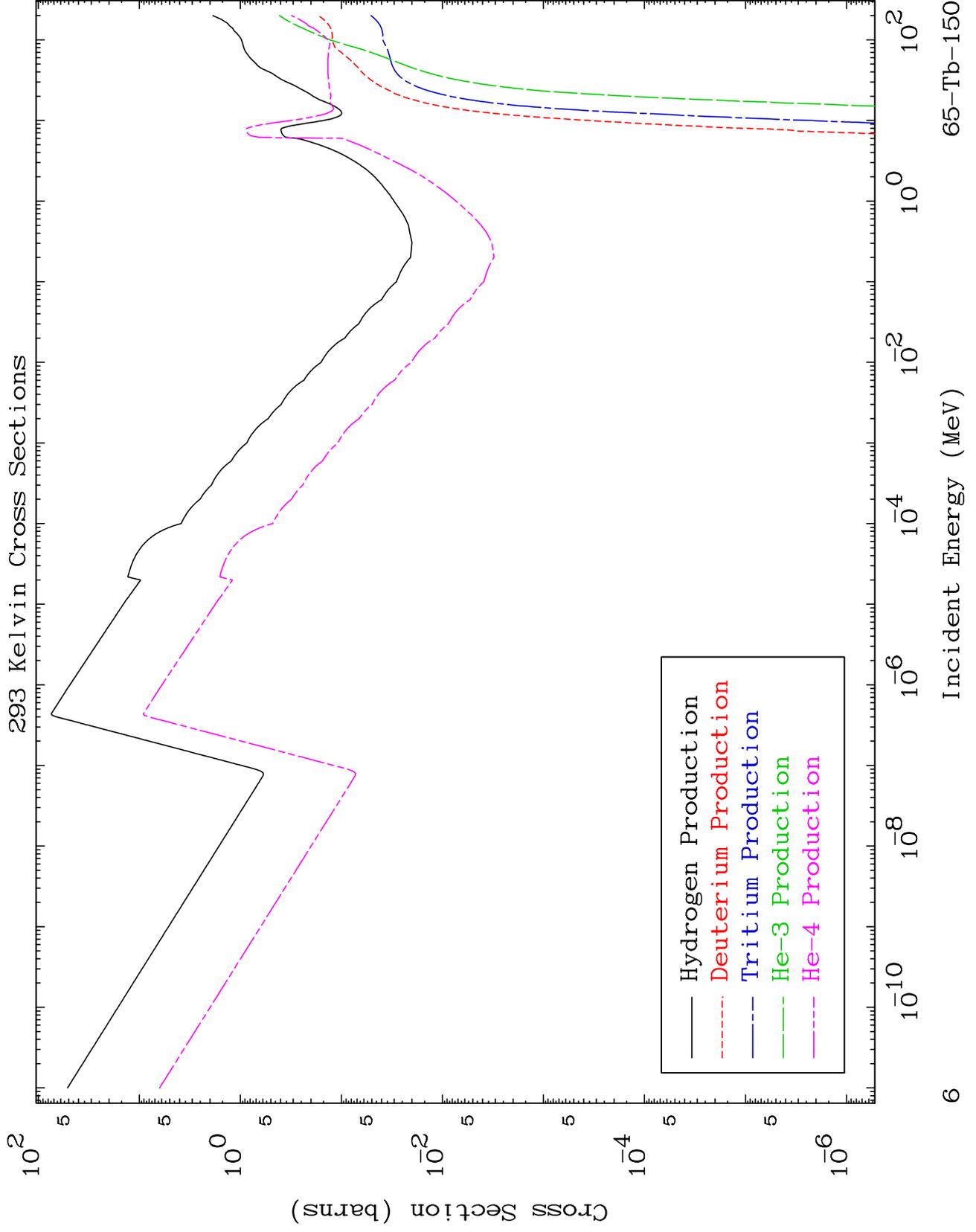
65-Tb-150



MAT 6498

Particle Production
293 Kelvin Cross Sections

65-Tb-150

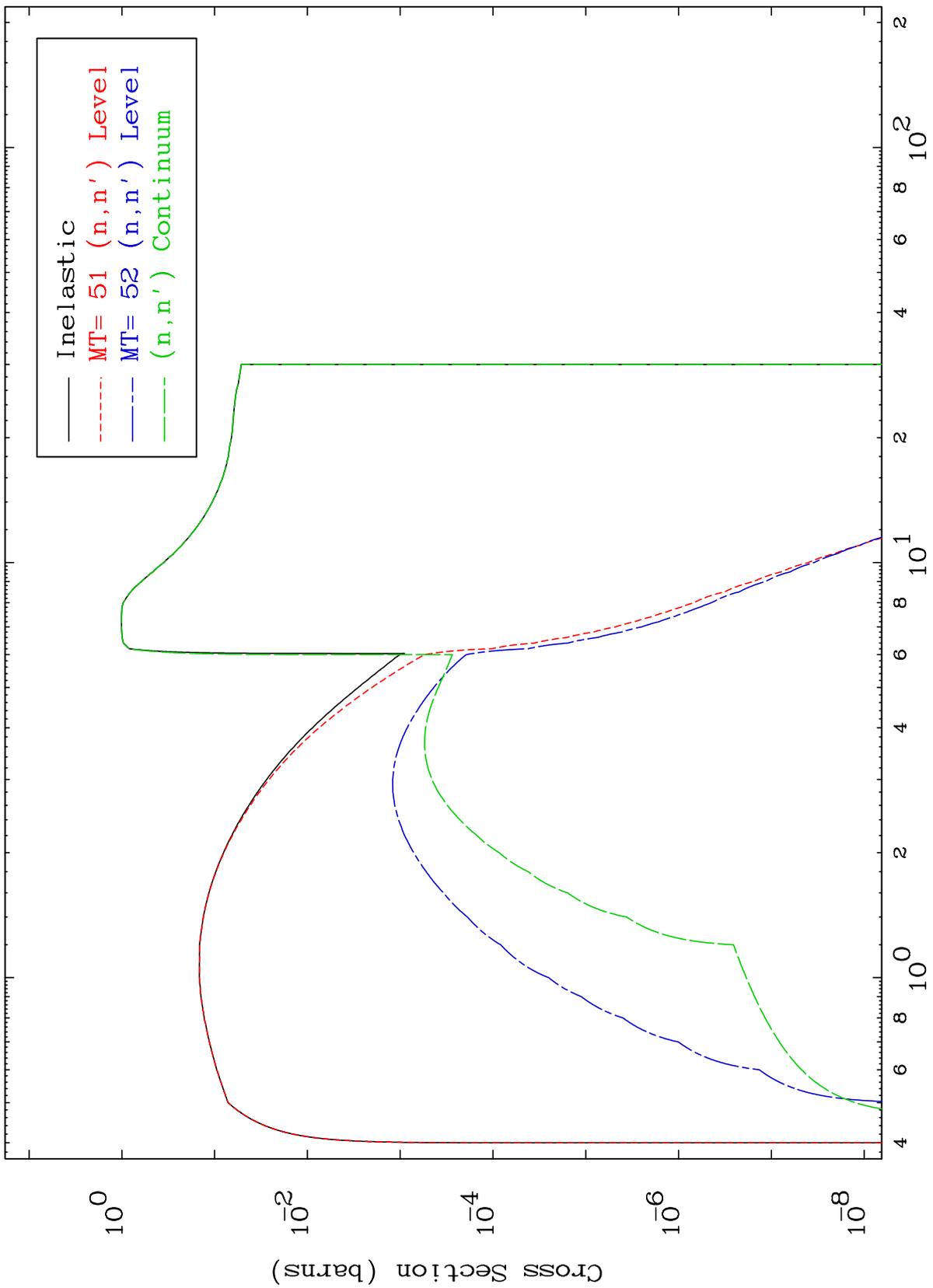


MAT 6498

(n,n') Level

65-Tb-150

293 Kelvin Cross Sections

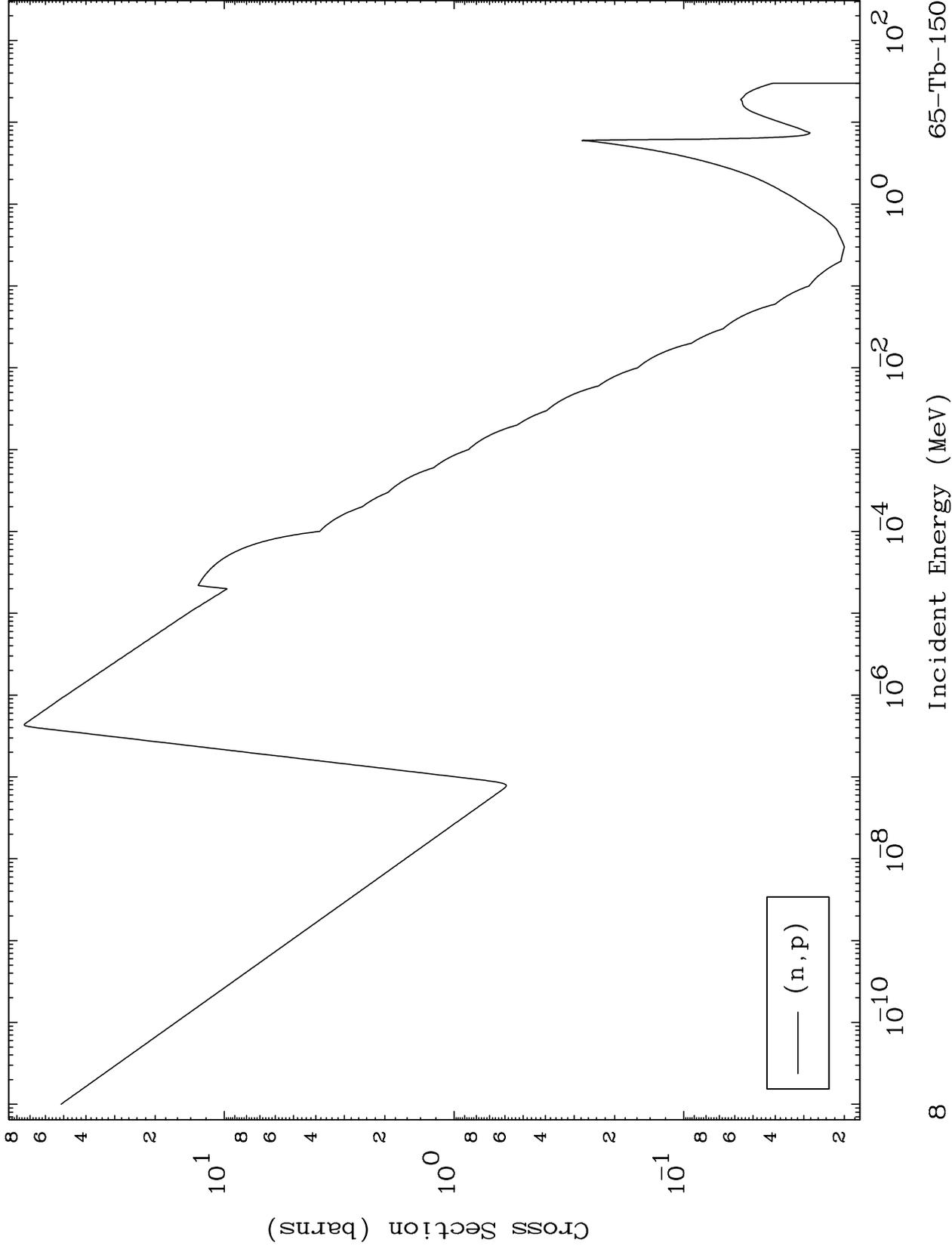


— Inelastic
- - - MT= 51 (n,n') Level
- - - MT= 52 (n,n') Level
- - - (n,n') Continuum

MAT 6498

(n,p) Levels
293 Kelvin Cross Sections

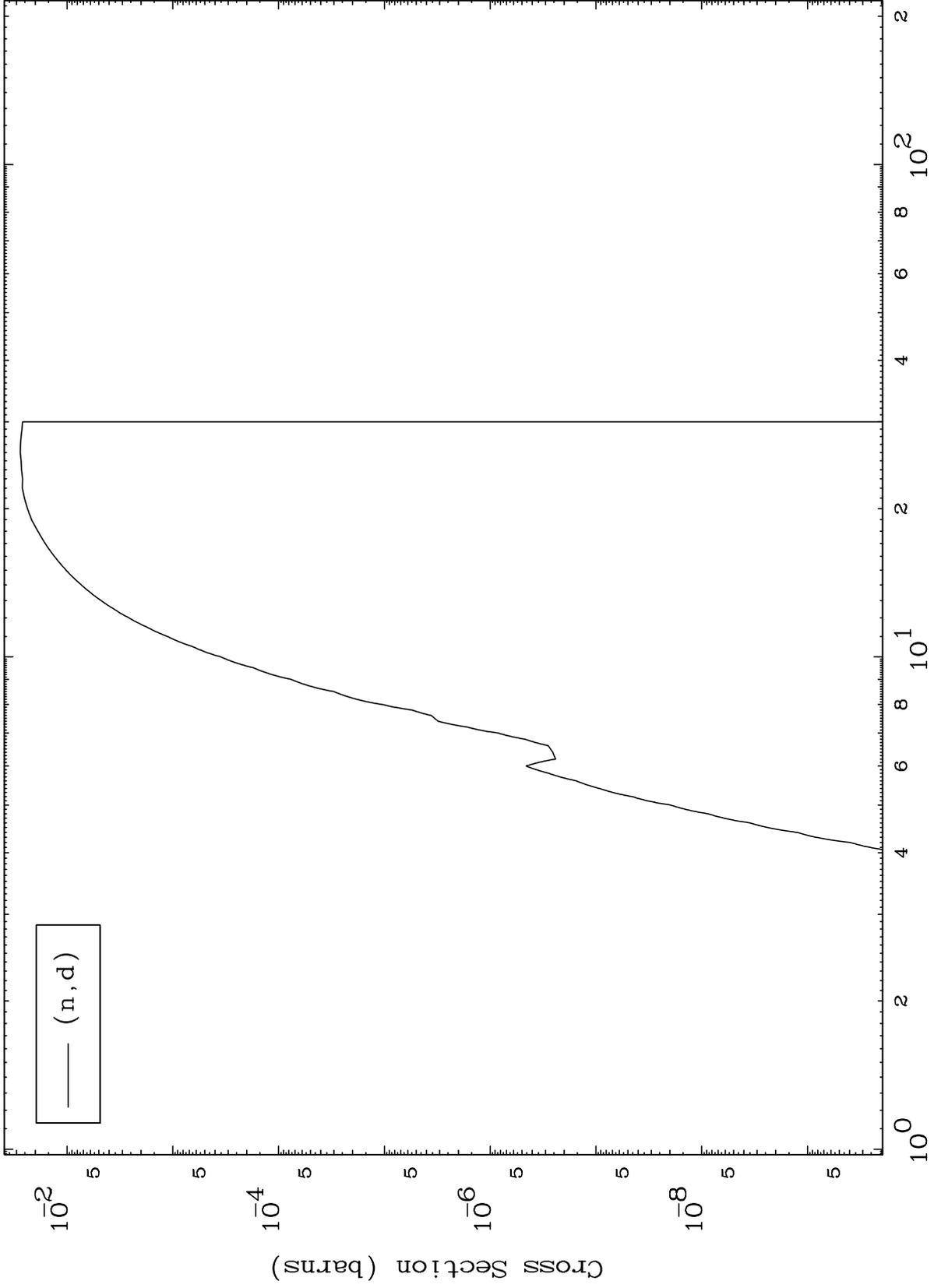
65-Tb-150



MAT 6498

(n,d) Levels
293 Kelvin Cross Sections

65-Tb-150



9

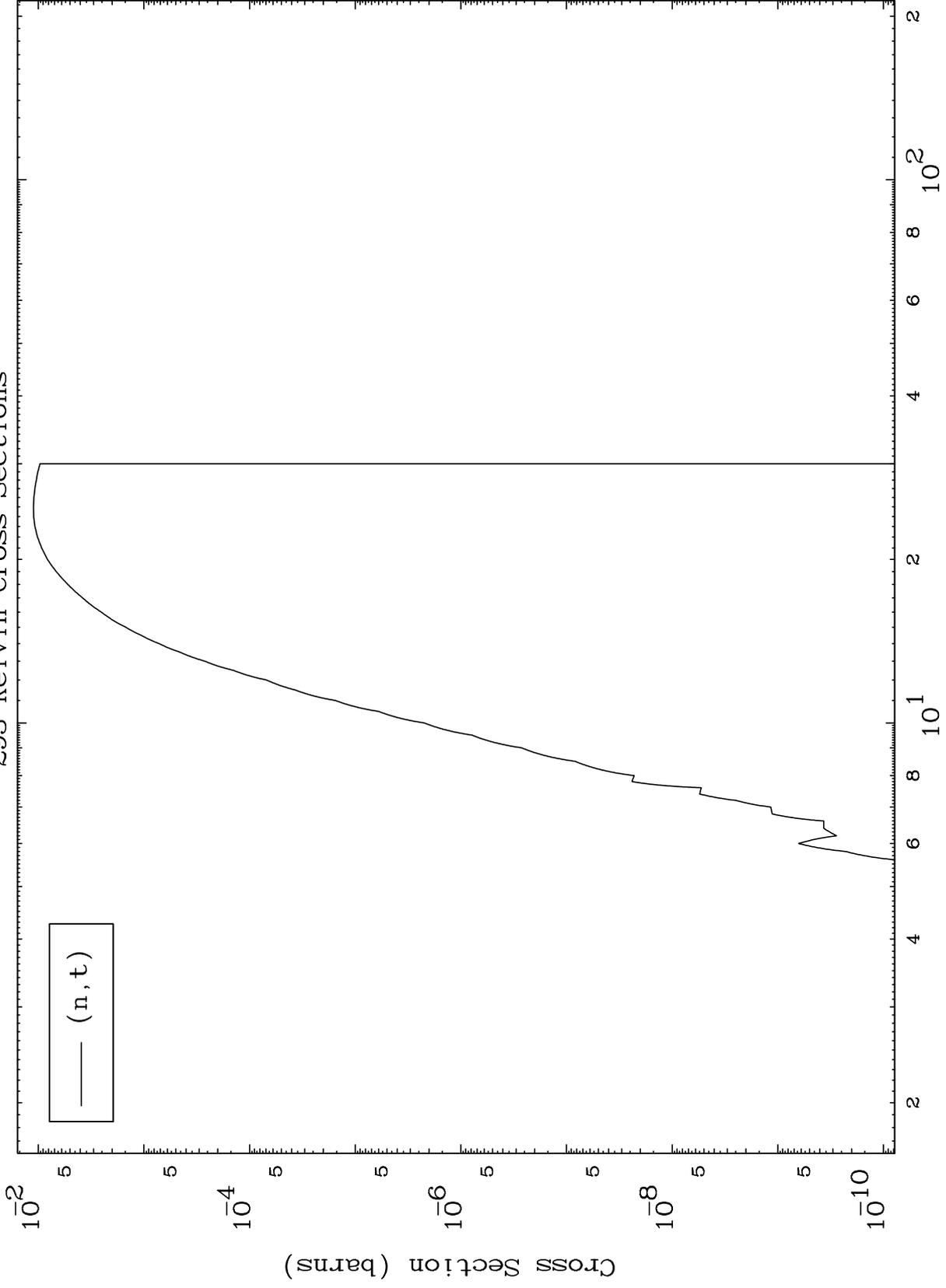
Incident Energy (MeV)

65-Tb-150

MAT 6498

(n,t) Levels
293 Kelvin Cross Sections

65-Tb-150



10

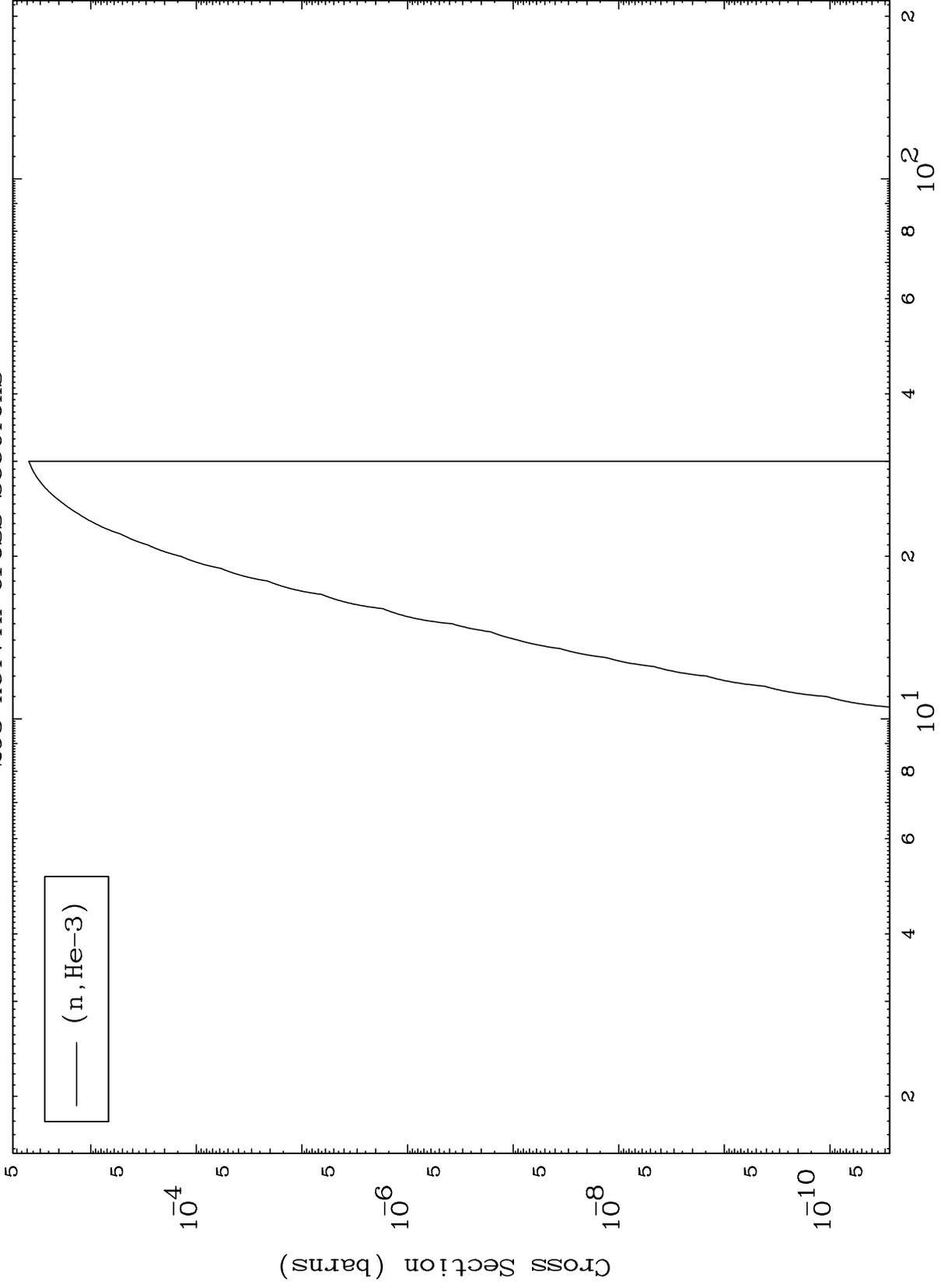
Incident Energy (MeV)

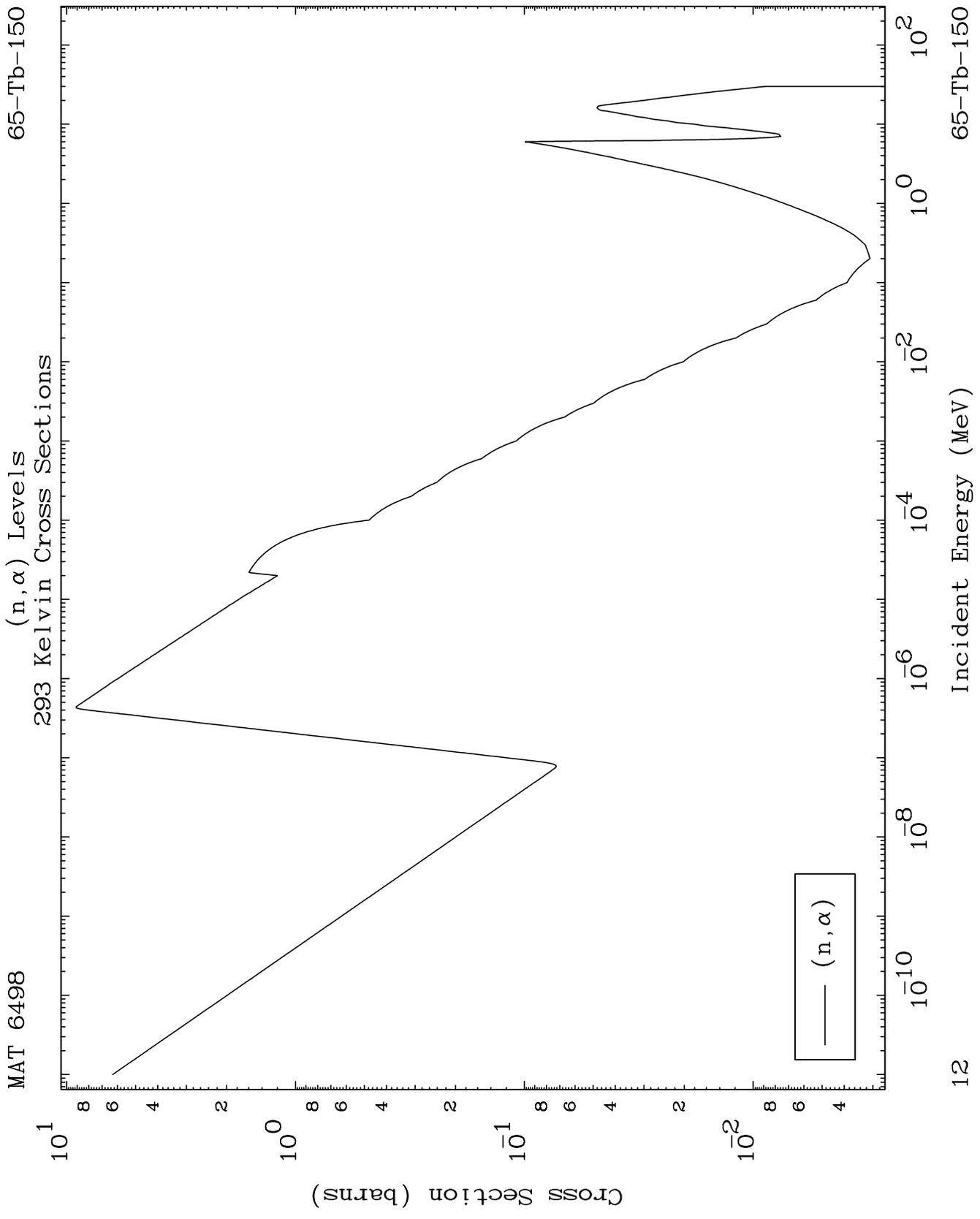
65-Tb-150

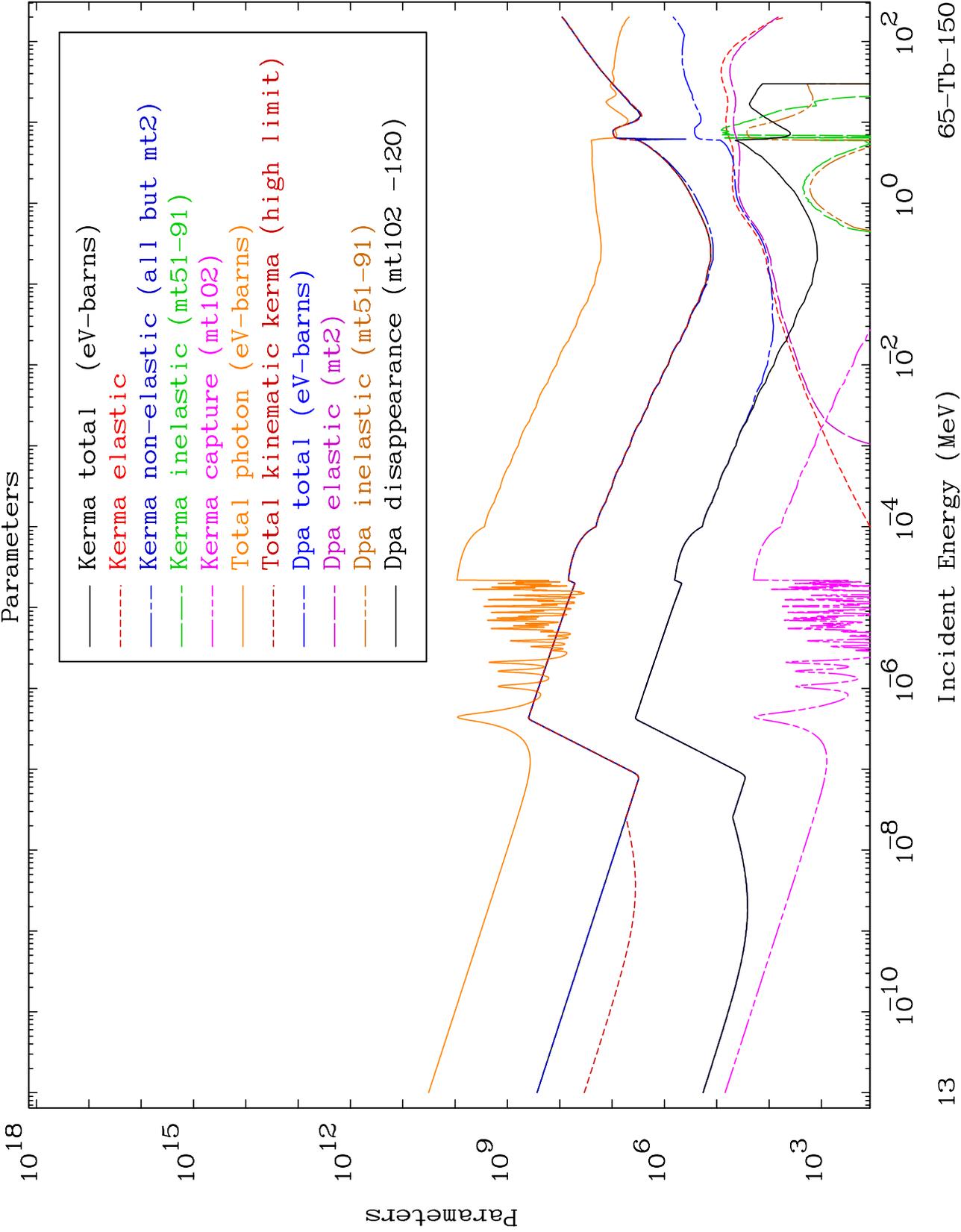
MAT 6498

(n,He3) Levels
293 Kelvin Cross Sections

65-Tb-150



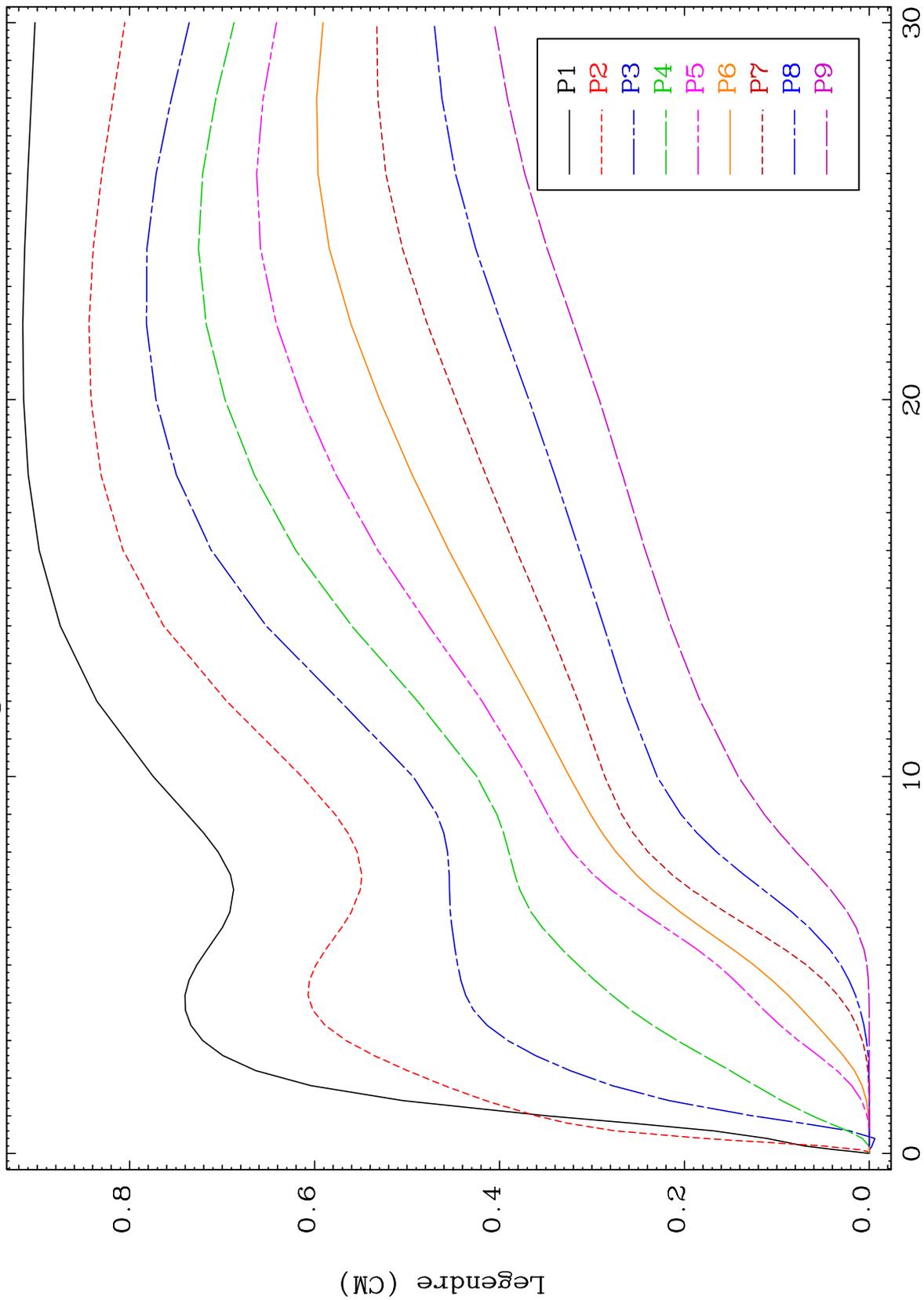




MAT 6498

Elastic Legendre Coefficients

65-Tb-150



14

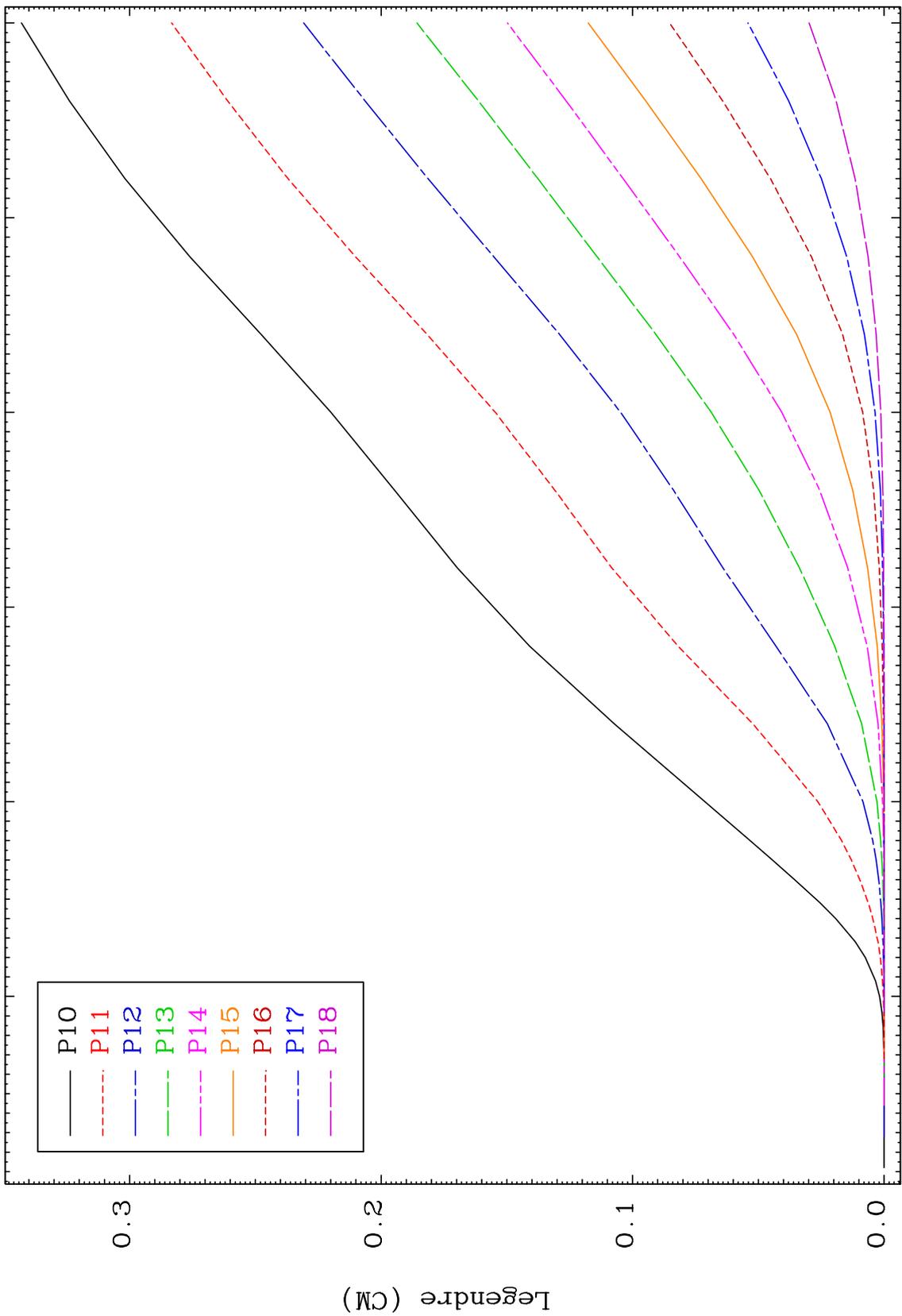
Incident Energy (MeV)

65-Tb-150

MAT 6498

Elastic Legendre Coefficients

65-Tb-150



15

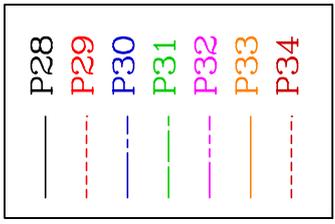
Incident Energy (MeV)

65-Tb-150

MAT 6498

Elastic Legendre Coefficients

65-Tb-150



$\times 10^{-6}$
2.0
1.5

Legendre (CM)

1.0

0.5

0.0

15

20

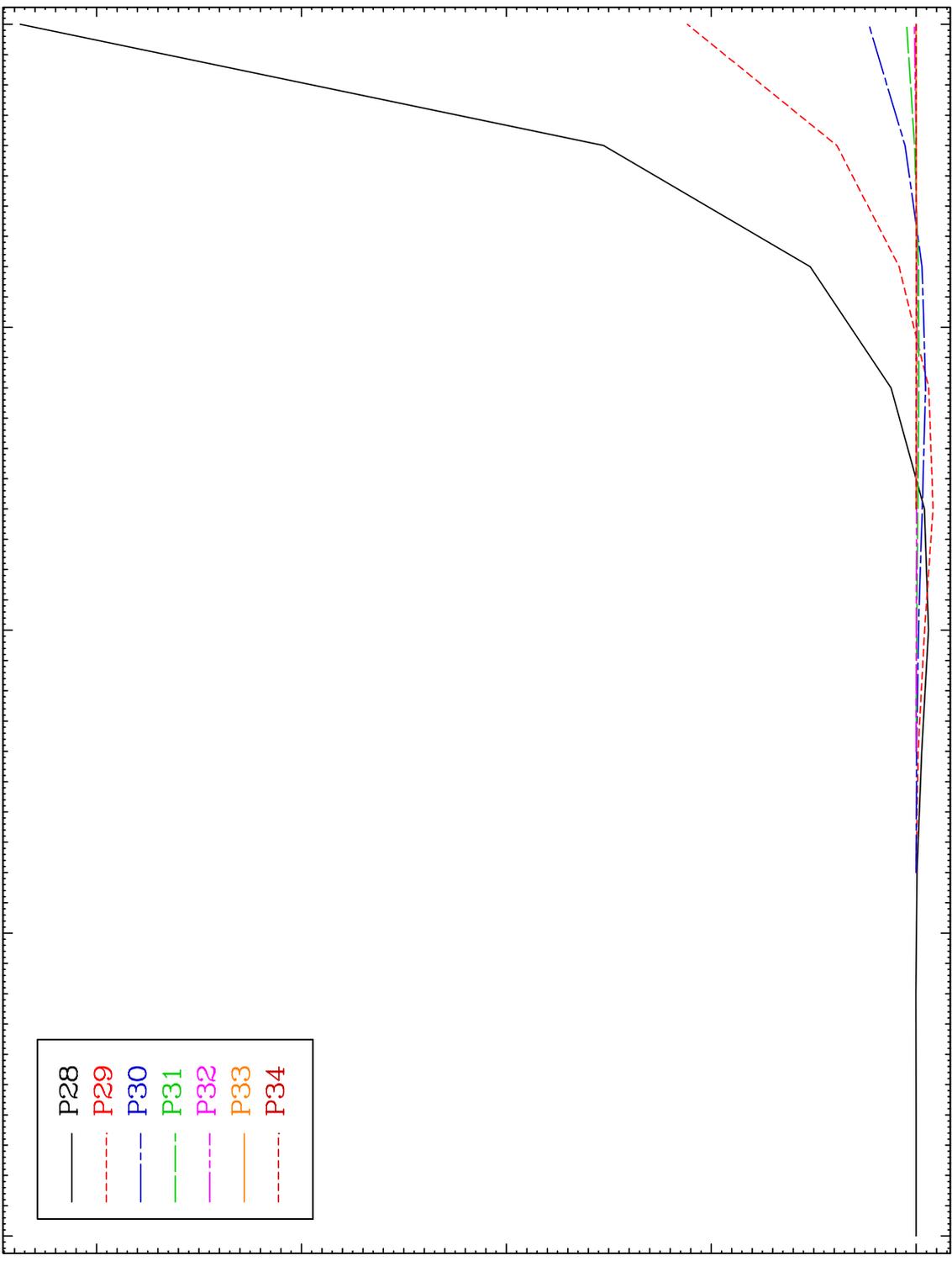
25

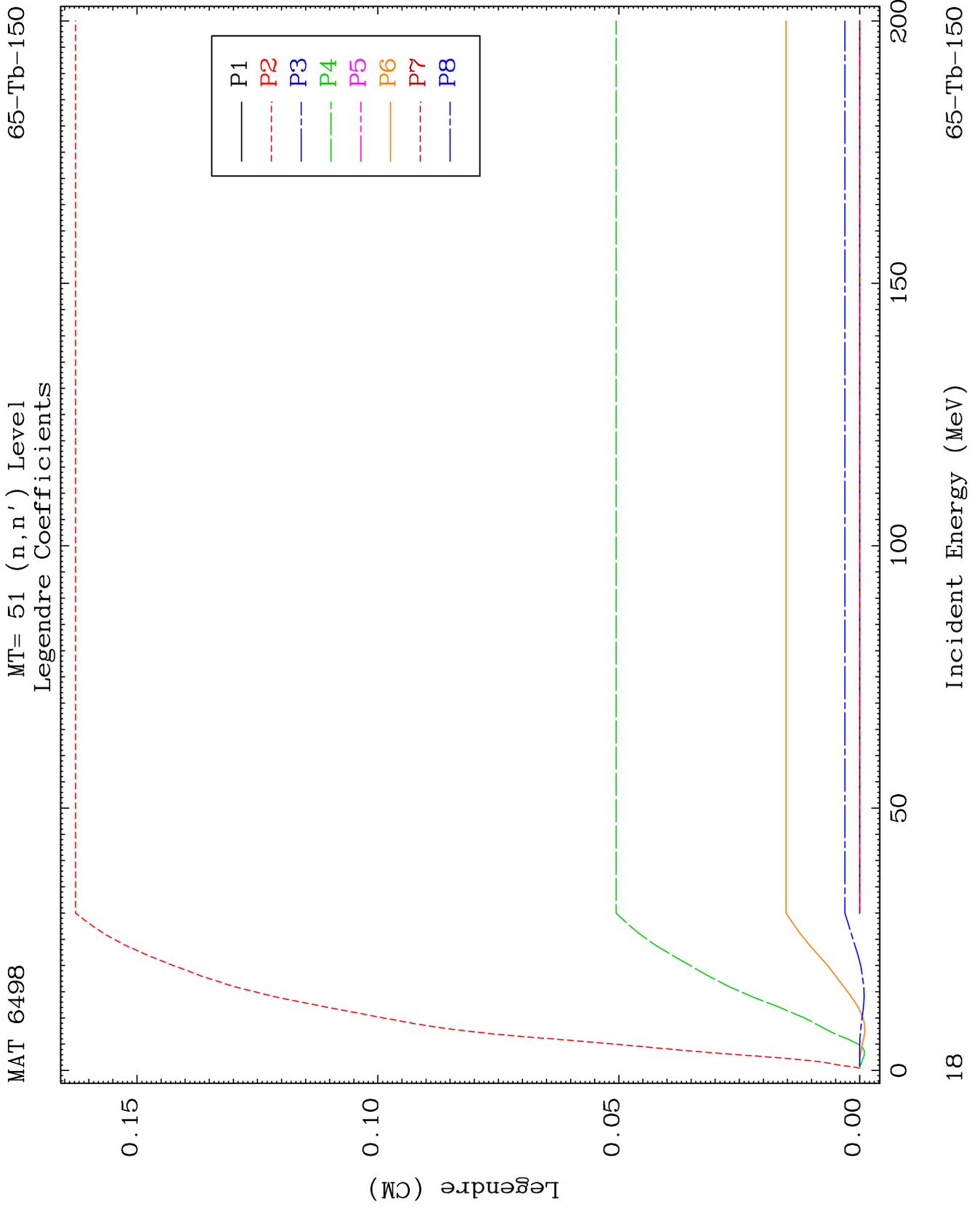
30

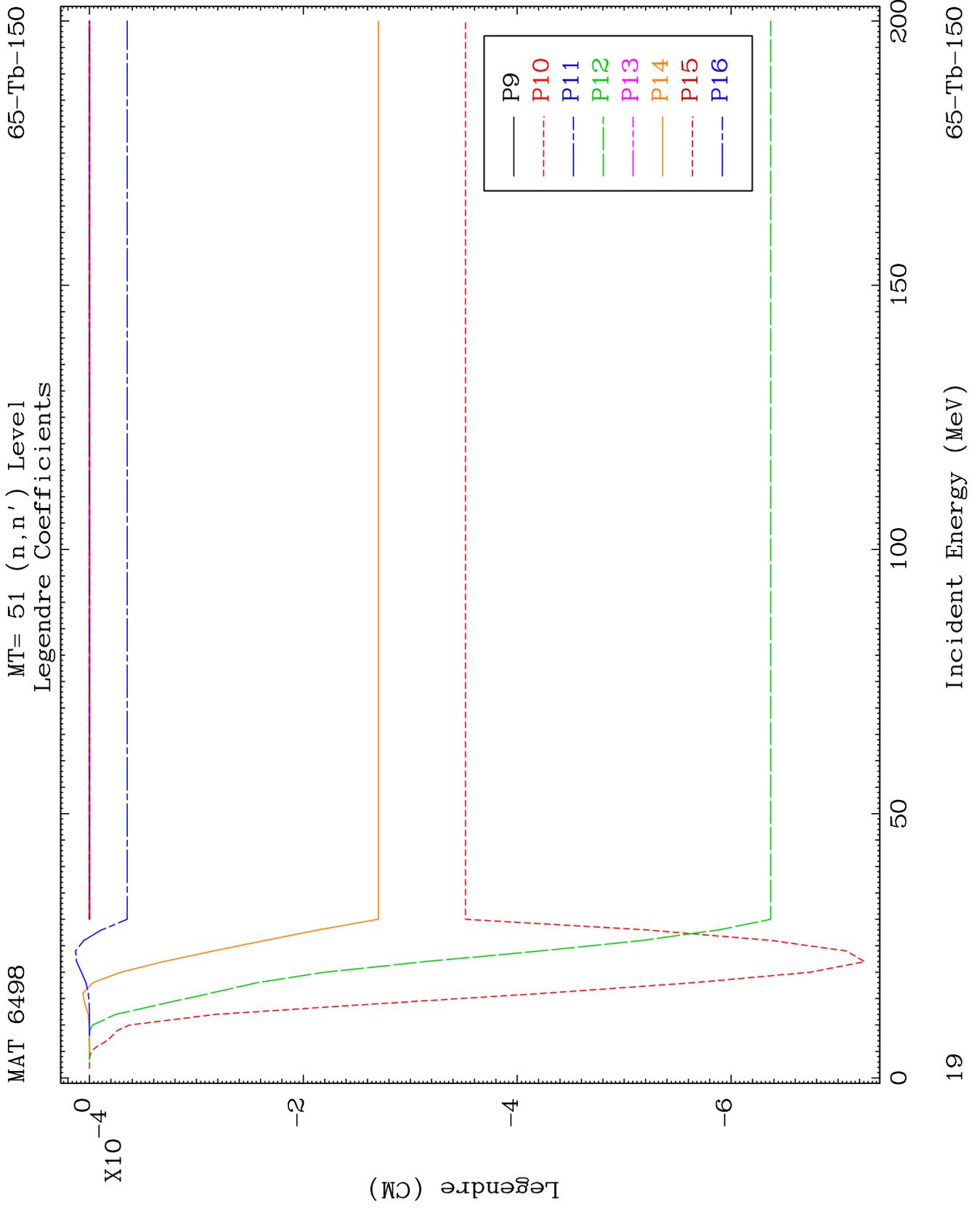
17

Incident Energy (MeV)

65-Tb-150



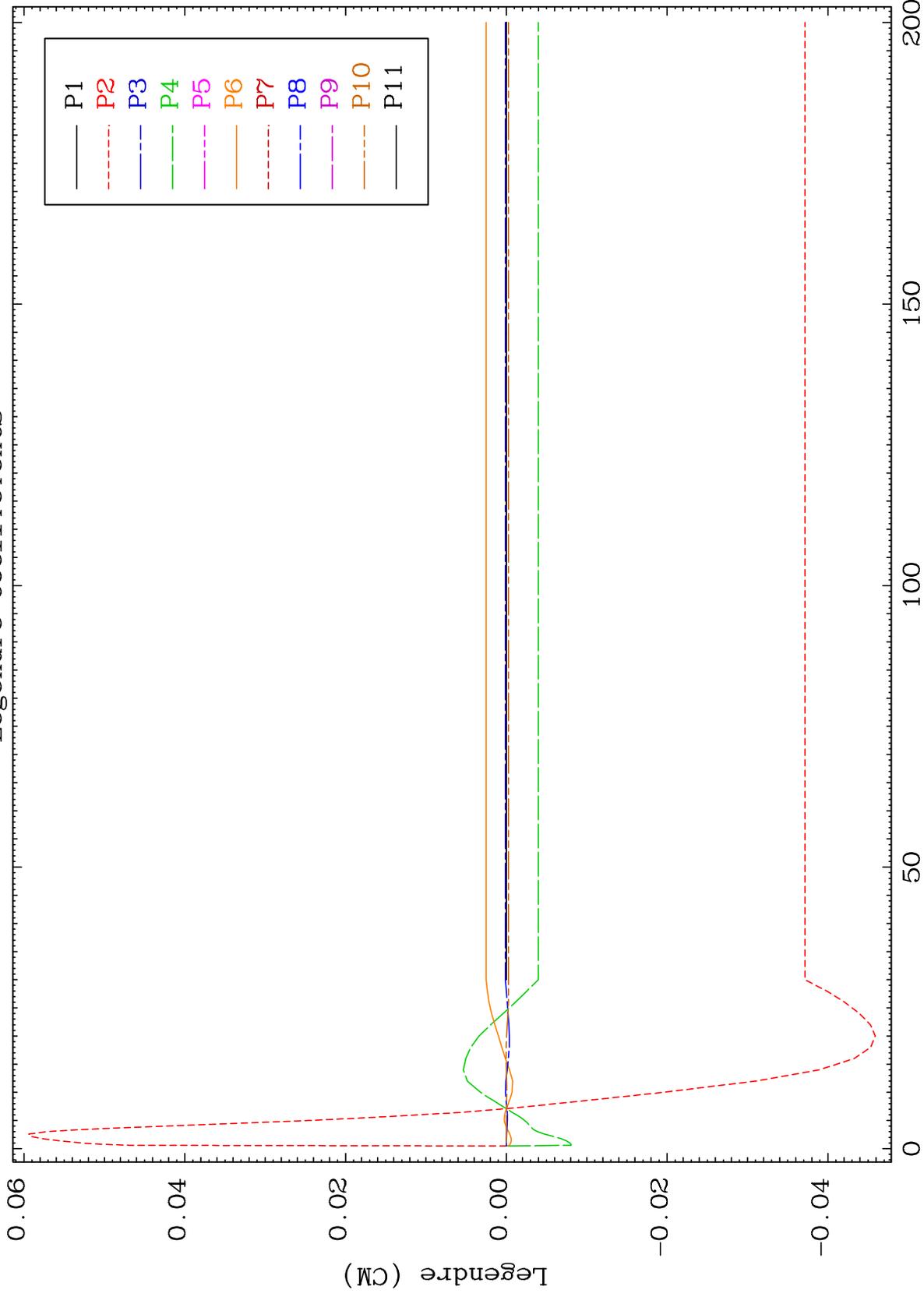




MAT 6498

MT= 52 (n,n') Level
Legendre Coefficients

65-Tb-150



21

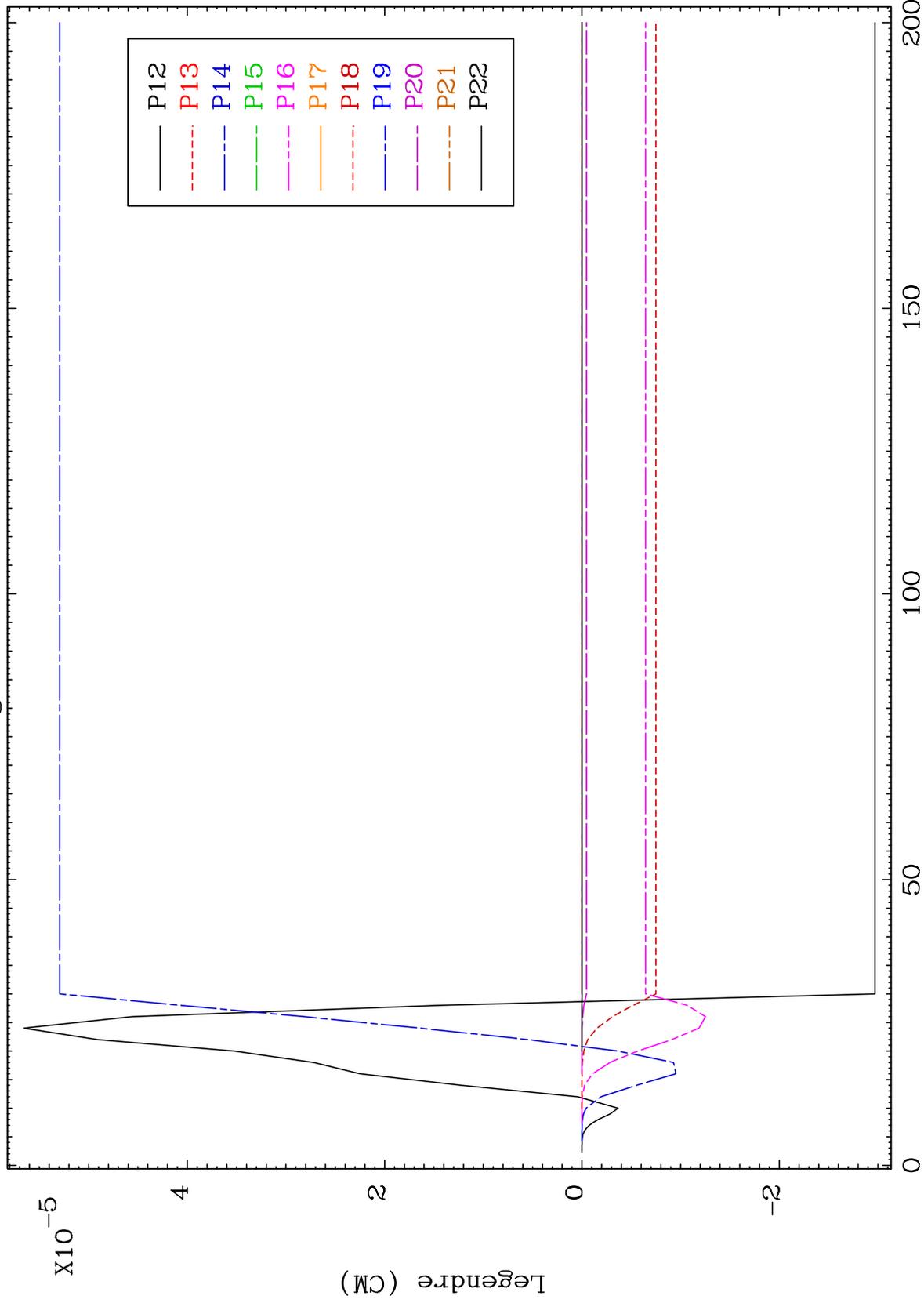
Incident Energy (MeV)

65-Tb-150

MAT 6498

MT= 52 (n,n') Level
Legendre Coefficients

65-Tb-150



22

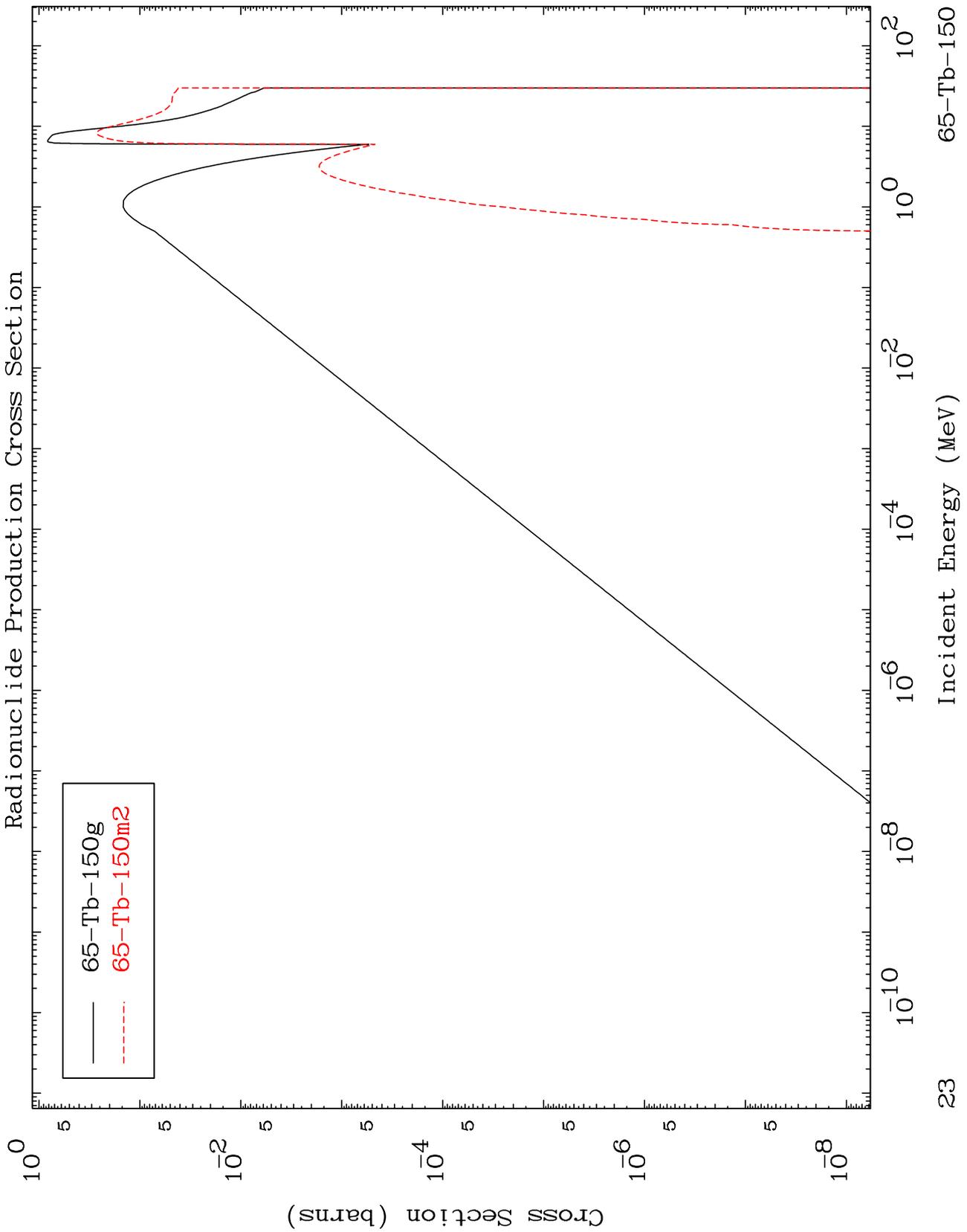
Incident Energy (MeV)

65-Tb-150

MAT 6498

Inelastic
Radionuclide Production Cross Section

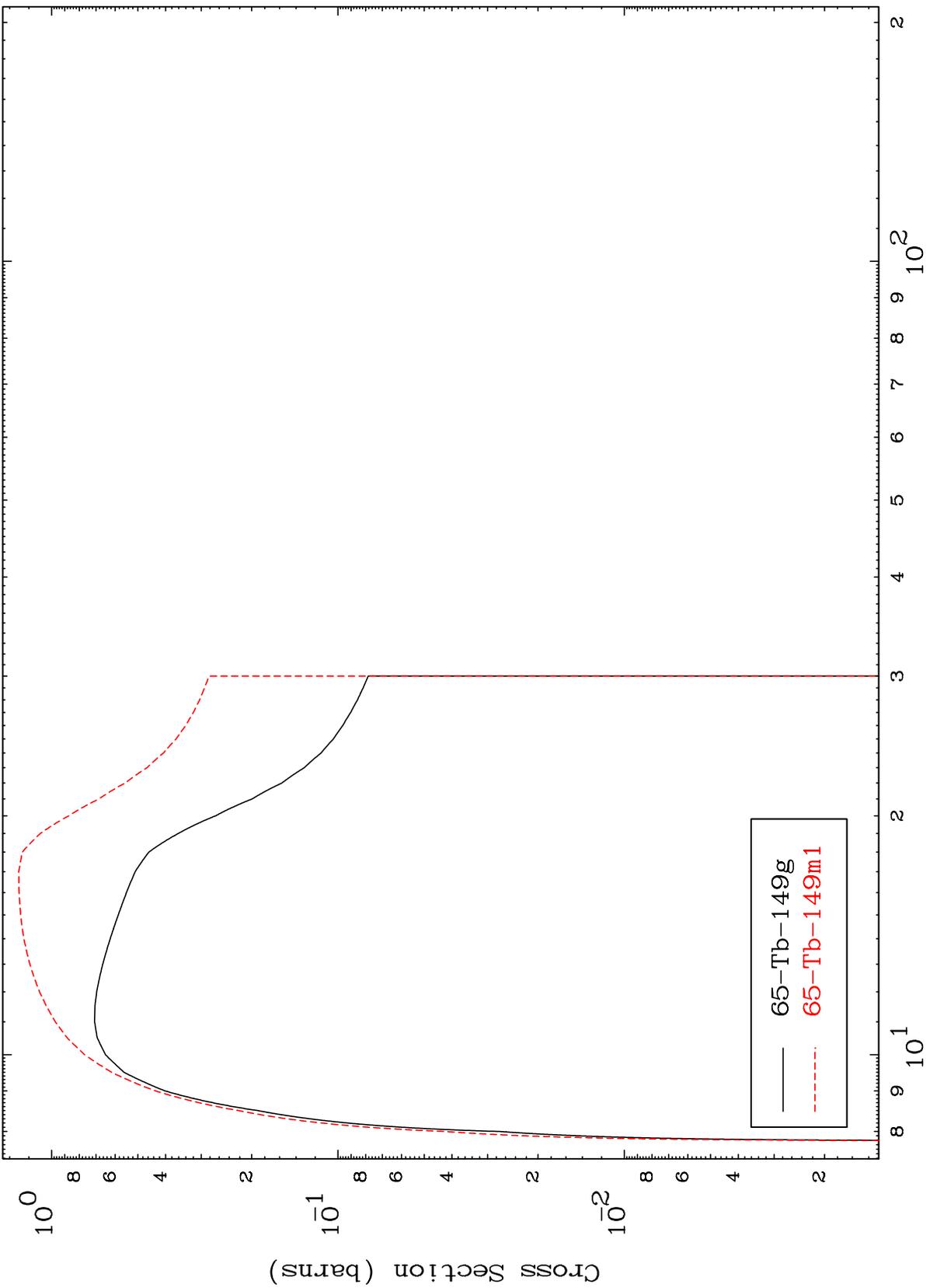
65-Tb-150



MAT 6498

65-Tb-150

(n,2n)
Radionuclide Production Cross Section



24

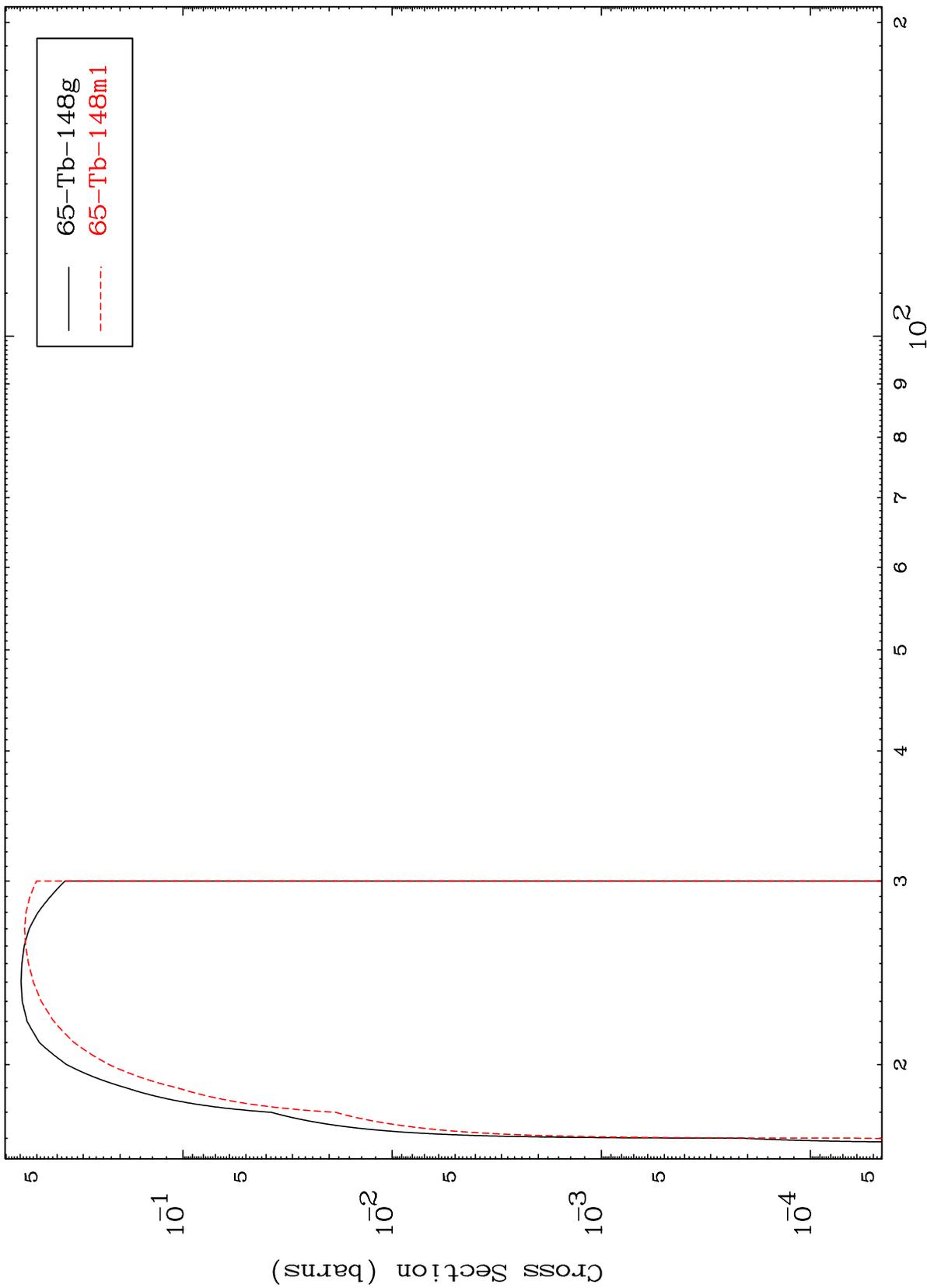
Incident Energy (MeV)

65-Tb-150

MAT 6498

65-Tb-150

(n,3n)
Radionuclide Production Cross Section



65-Tb-148g
65-Tb-148m1

25

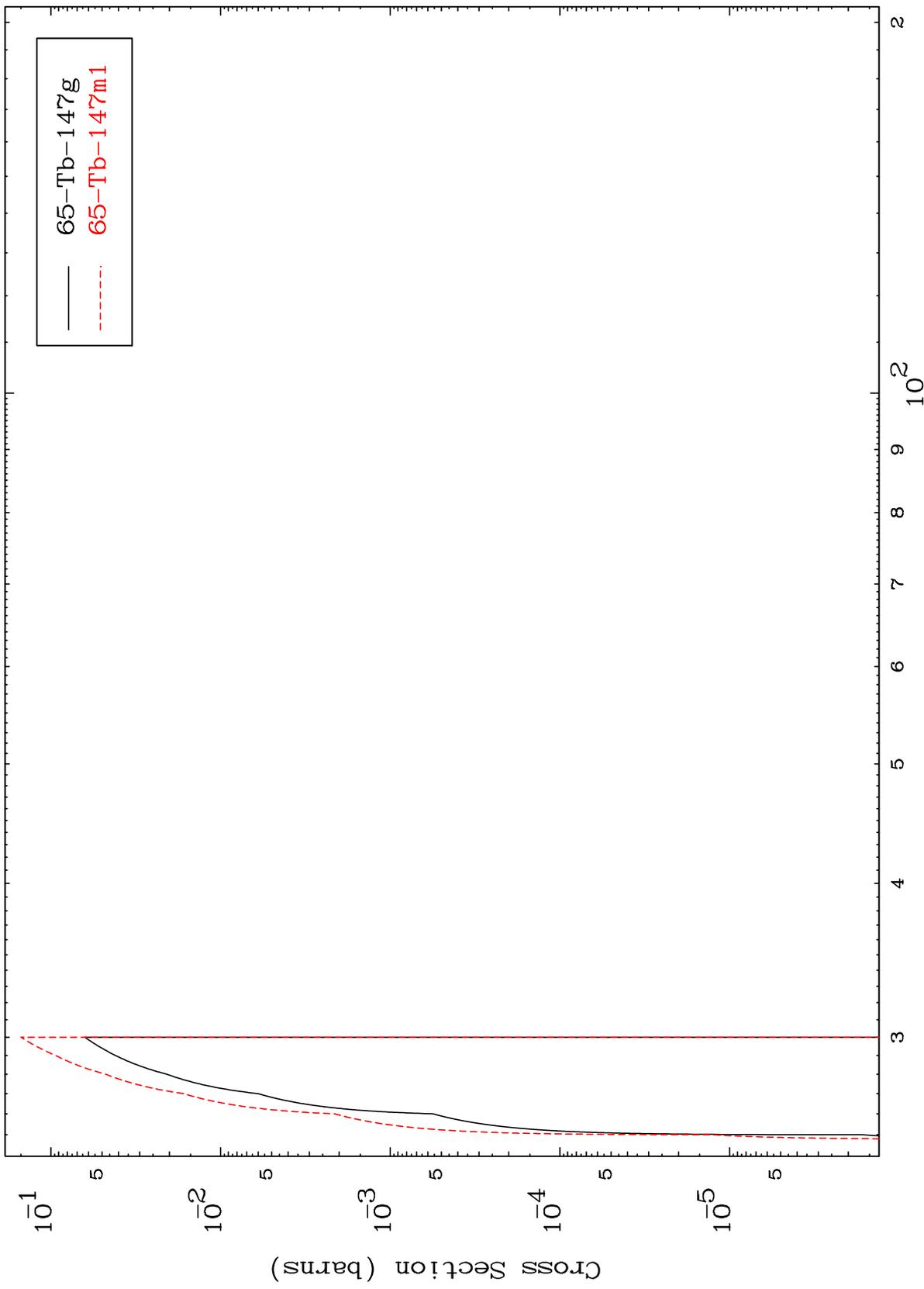
Incident Energy (MeV)

65-Tb-150

MAT 6498

65-Tb-150

(n,4n)
Radionuclide Production Cross Section



26

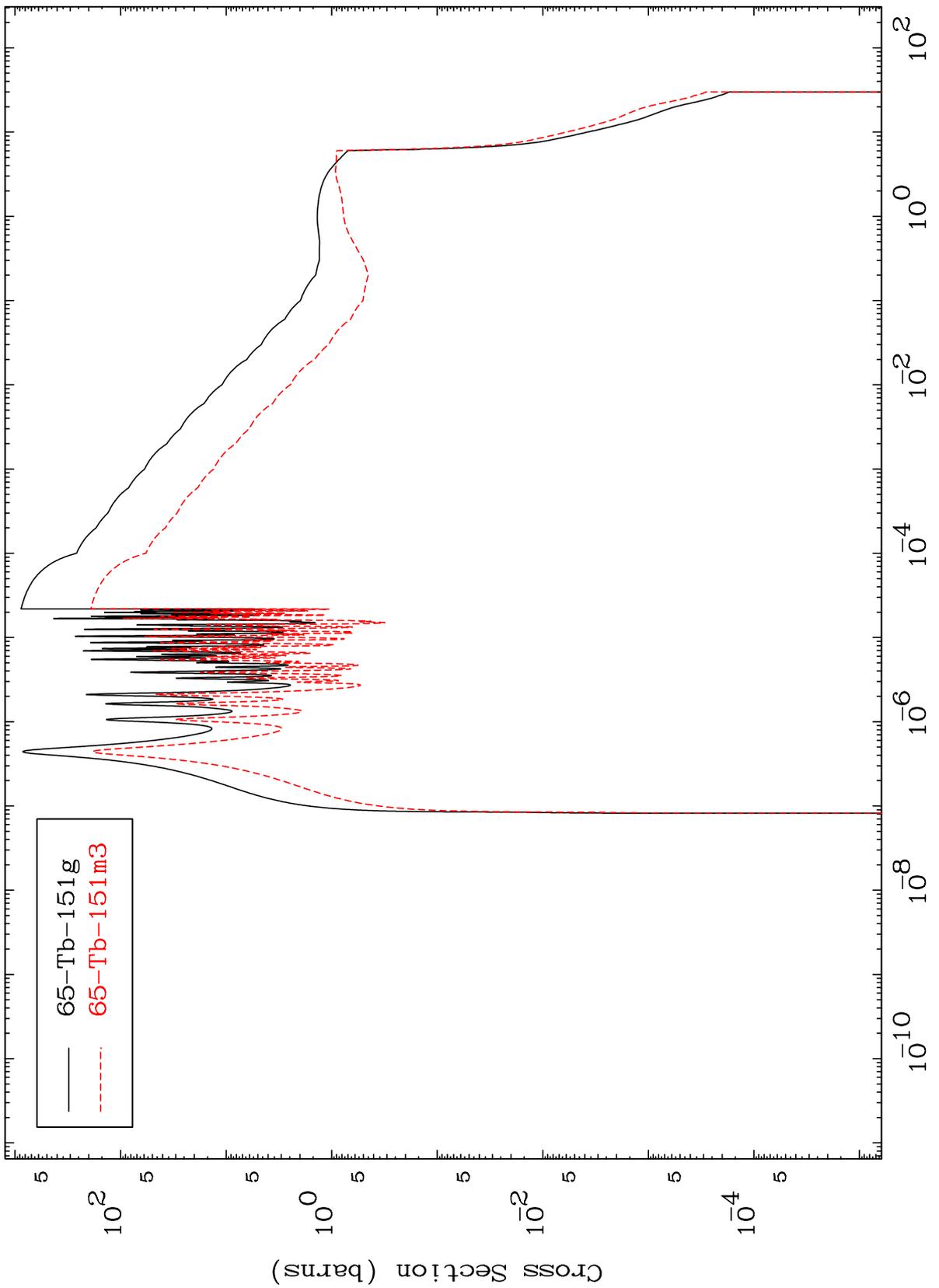
Incident Energy (MeV)

65-Tb-150

MAT 6498

65-Tb-150

Radionuclide Production Cross Section
(n, γ)



27

65-Tb-150