

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

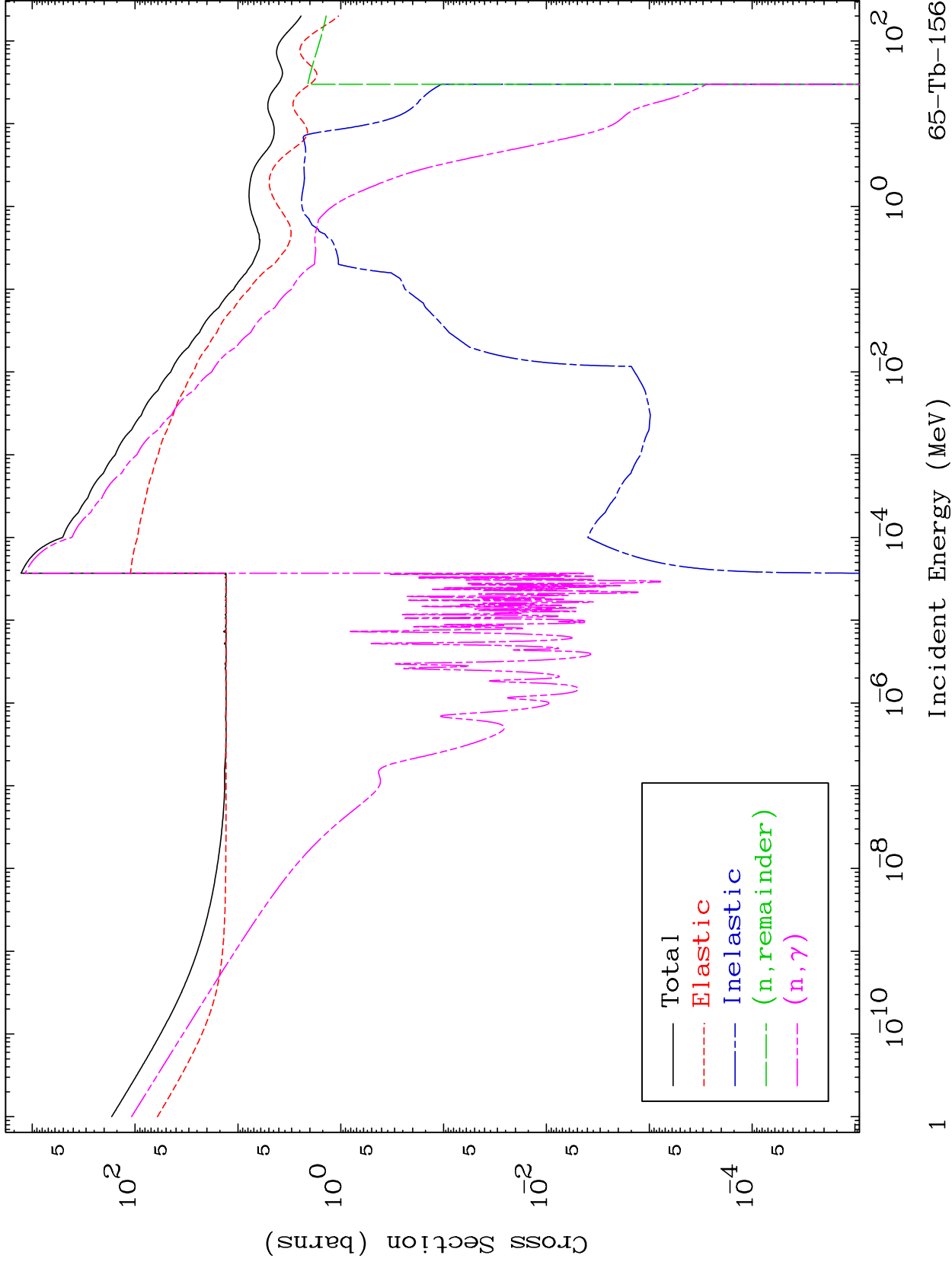
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6517

Major
293 Kelvin Cross Sections

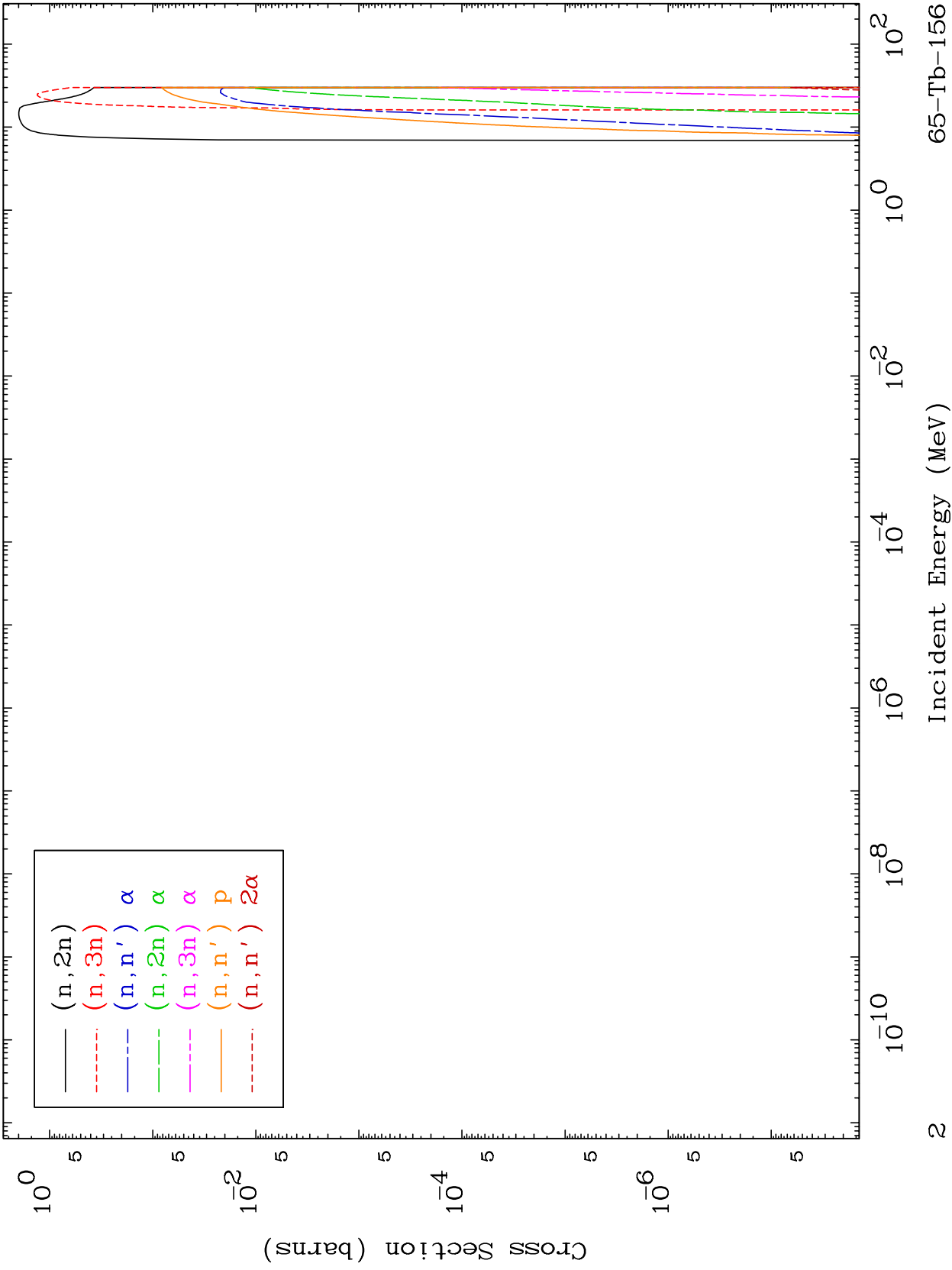
65-Tb-156



MAT 6517

Neutron Production
293 Kelvin Cross Sections

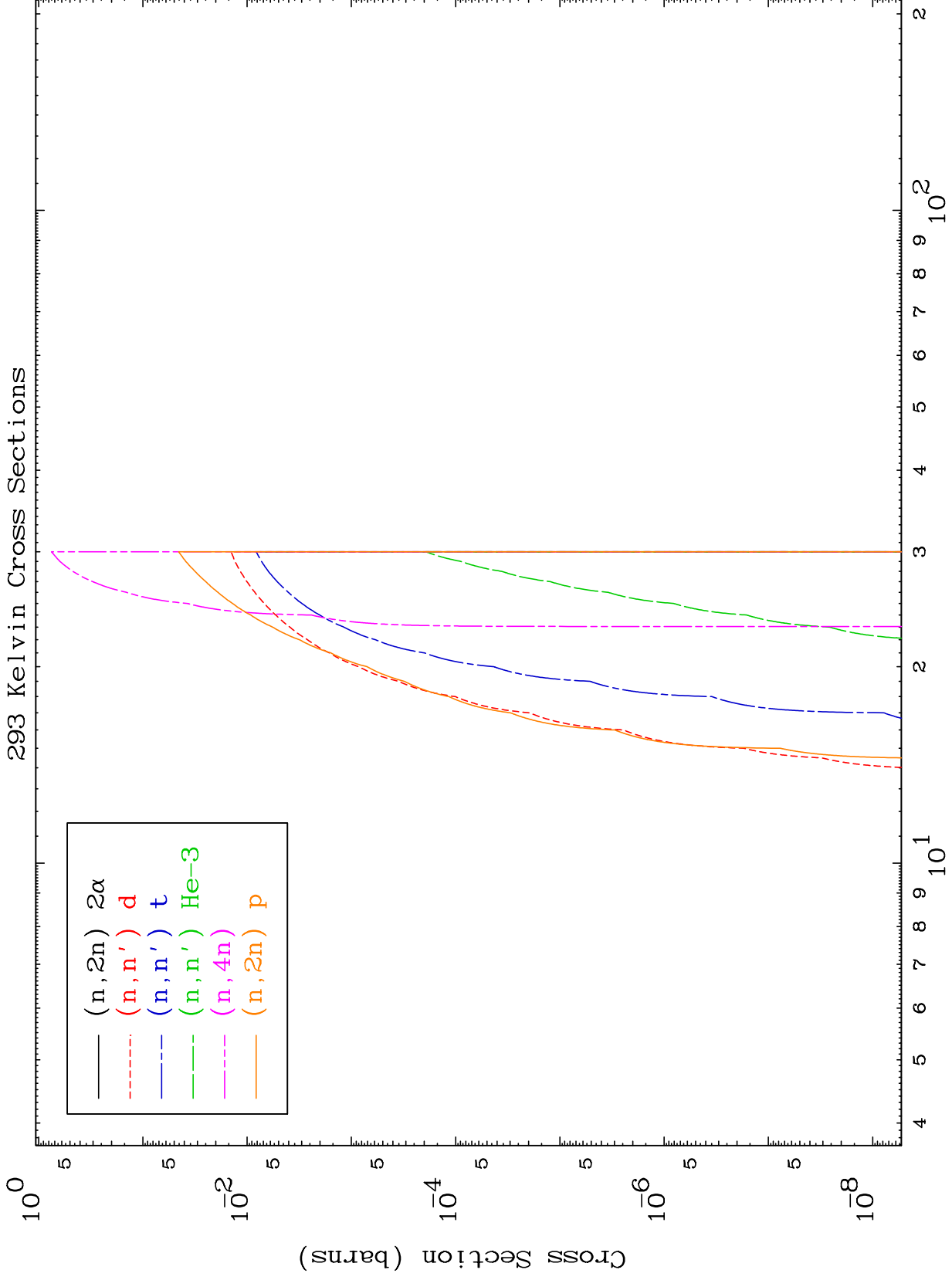
65-Tb-156



MAT 6517

Neutron Production
293 Kelvin Cross Sections

65-Tb-156



3

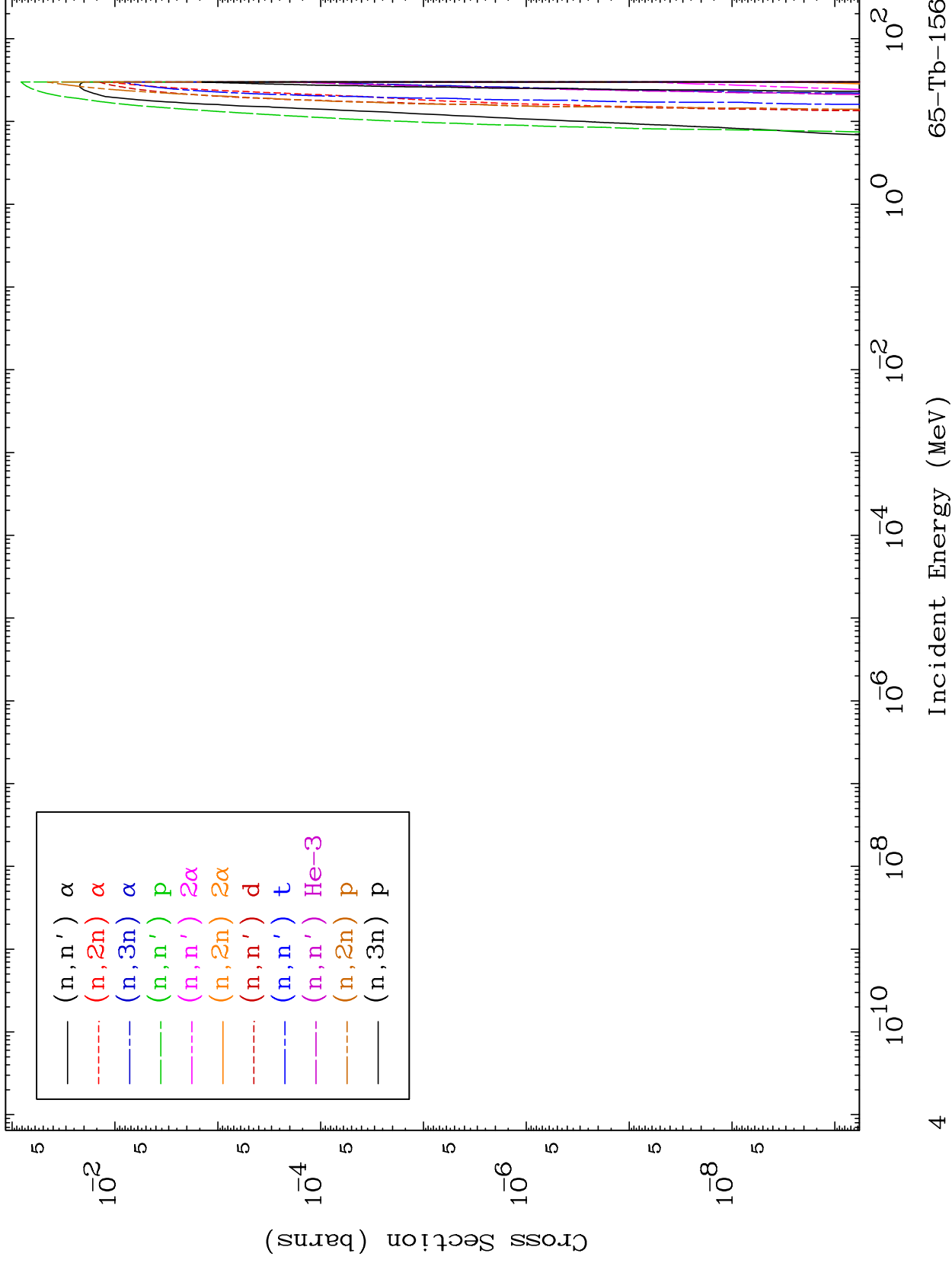
Incident Energy (MeV)

65-Tb-156

MAT 6517

Charged Particle
293 Kelvin Cross Sections

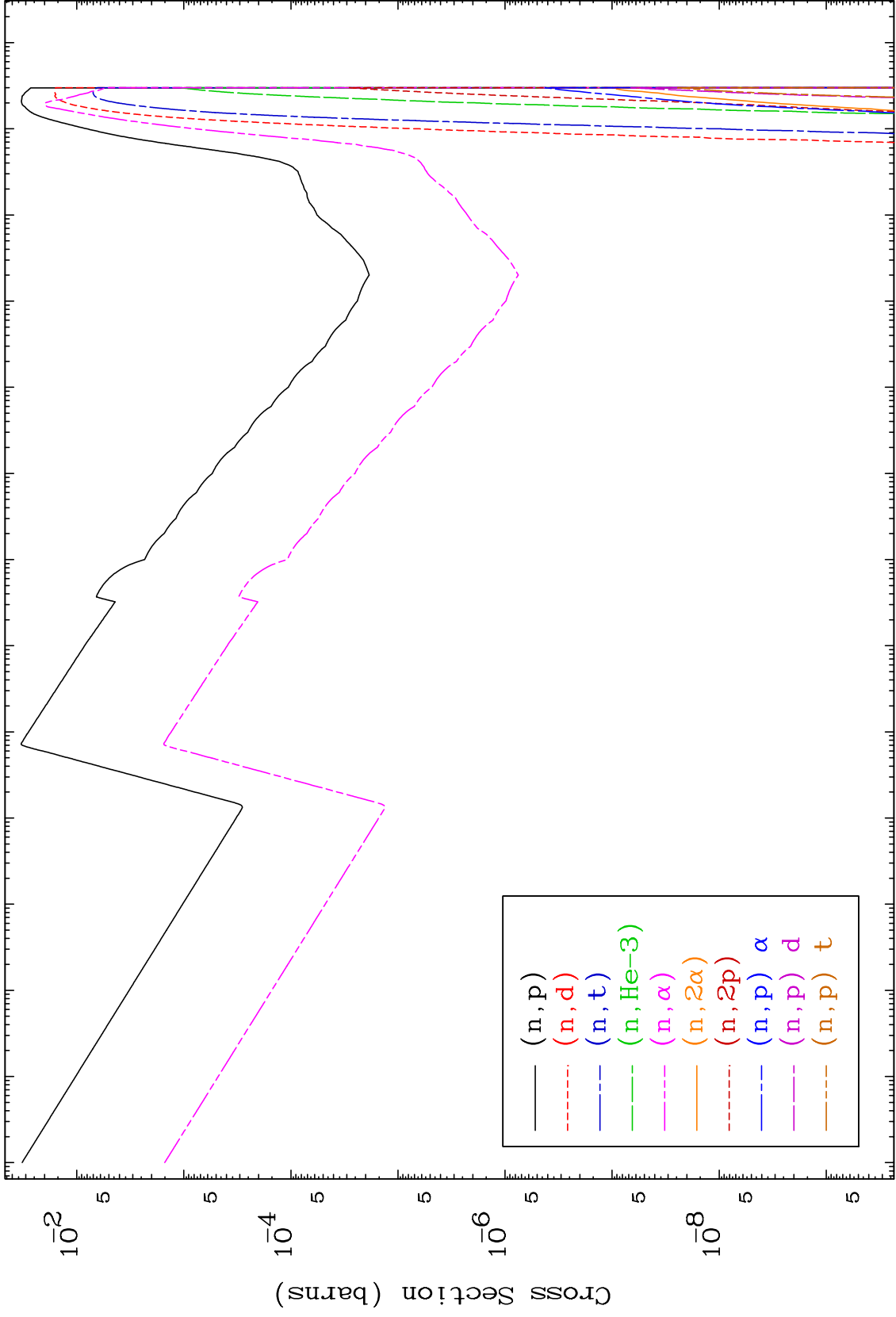
65-Tb-156



MAT 6517

Charged Particle
293 Kelvin Cross Sections

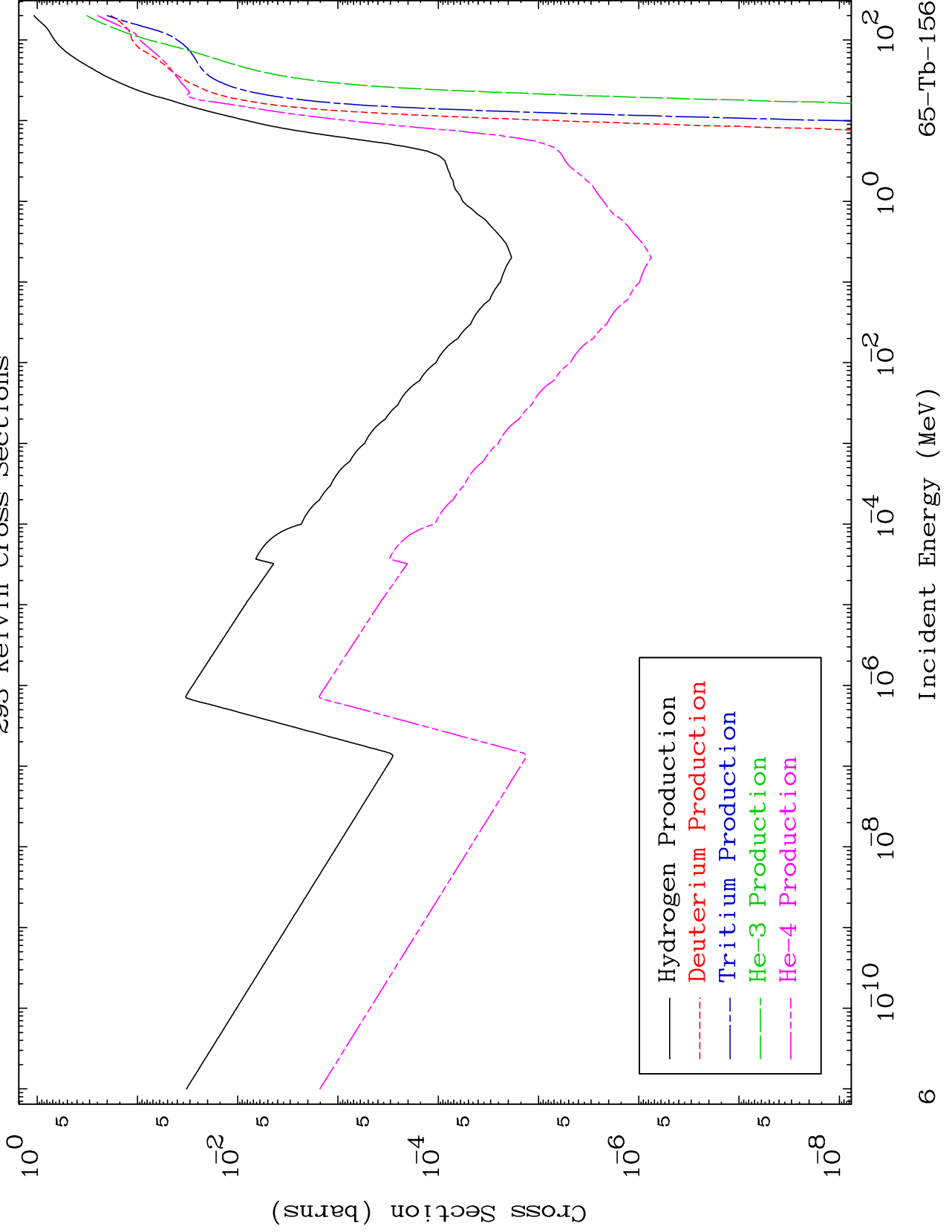
65-Tb-156



MAT 6517

Particle Production
293 Kelvin Cross Sections

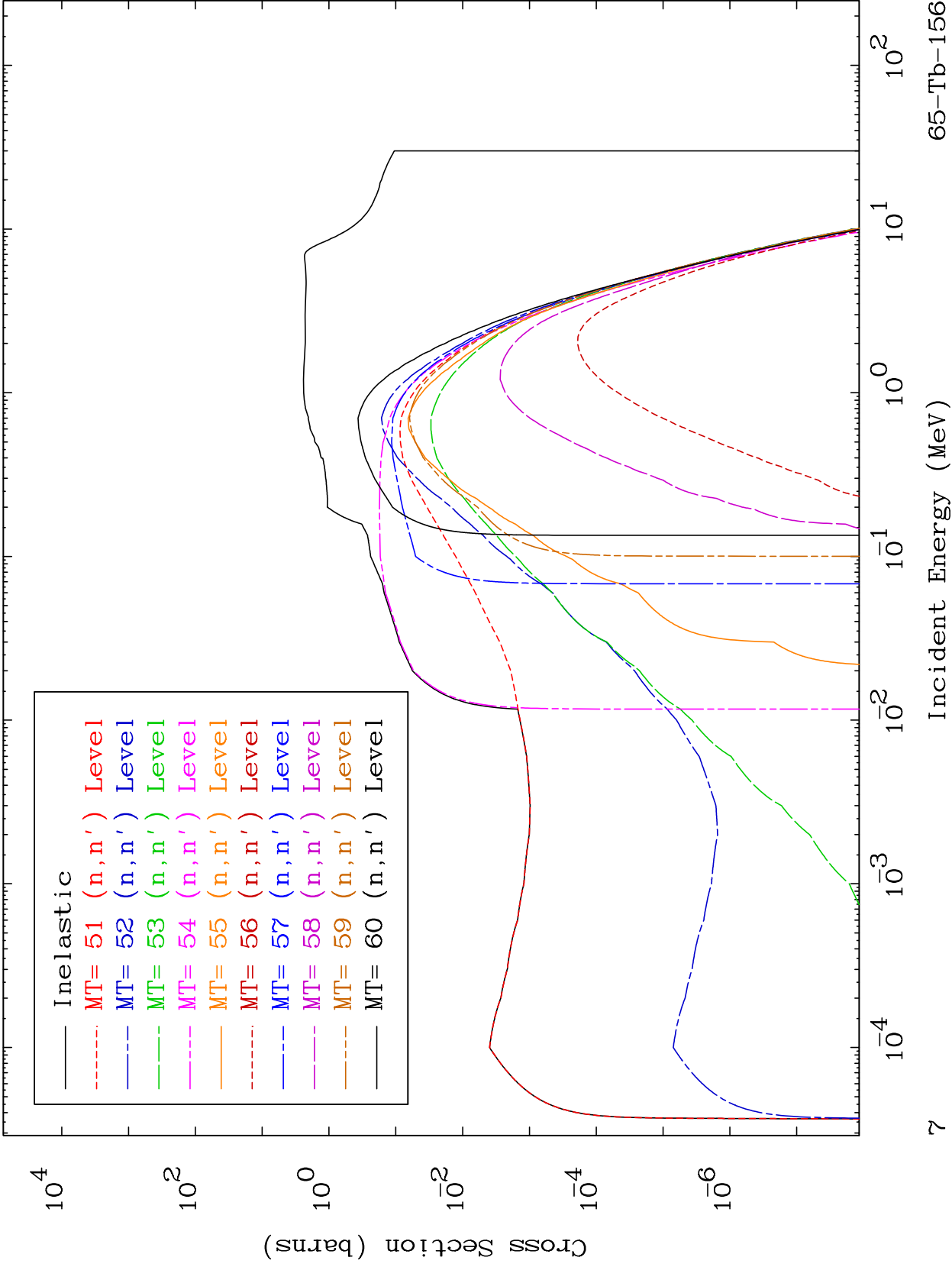
65-Tb-156



MAT 6517

293 Kelvin Cross Sections
(n,n') Level

65-Tb-156

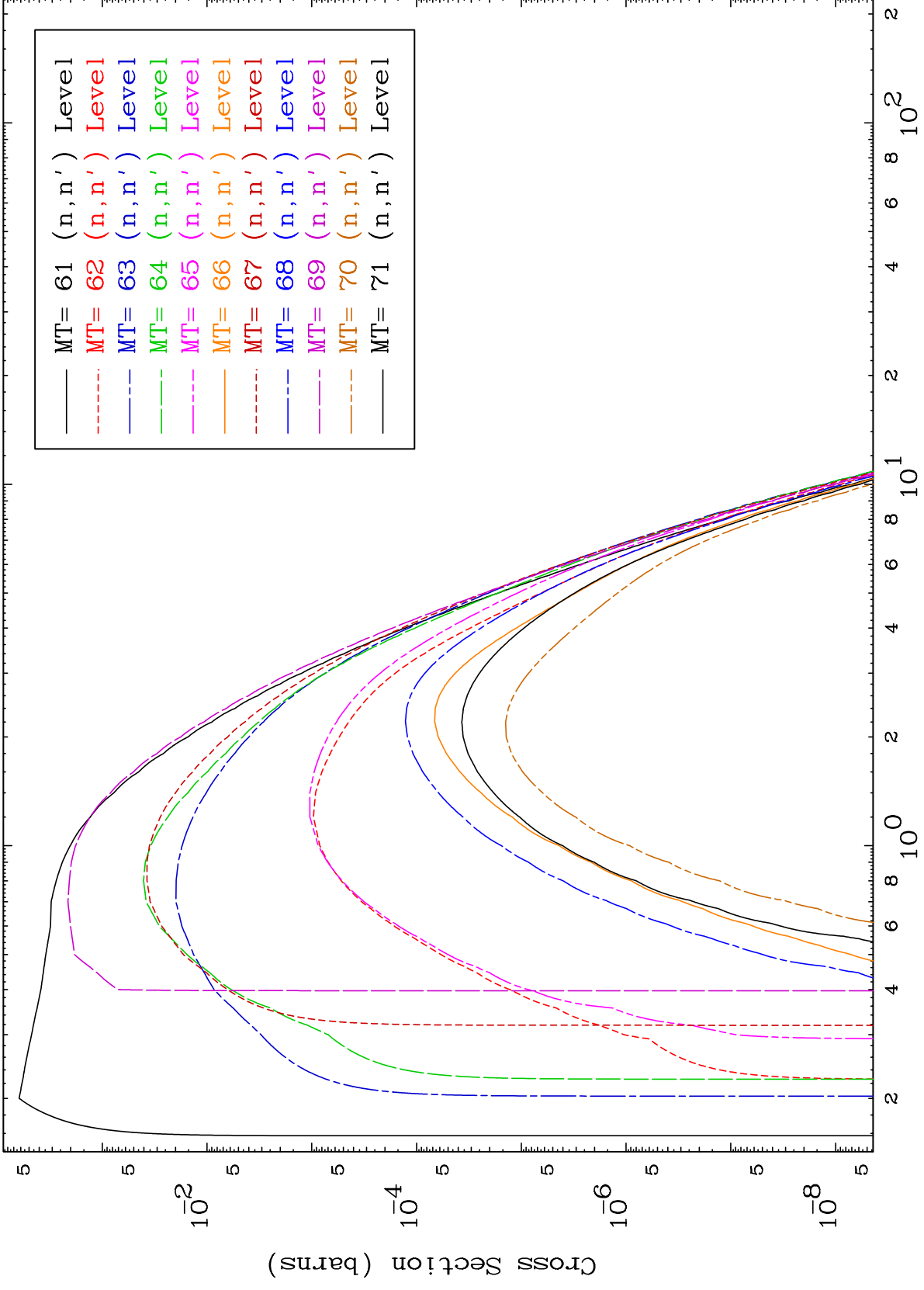


MAT 6517

(n,n') Level

65-Tb-156

293 Kelvin Cross Sections



8

Incident Energy (MeV)

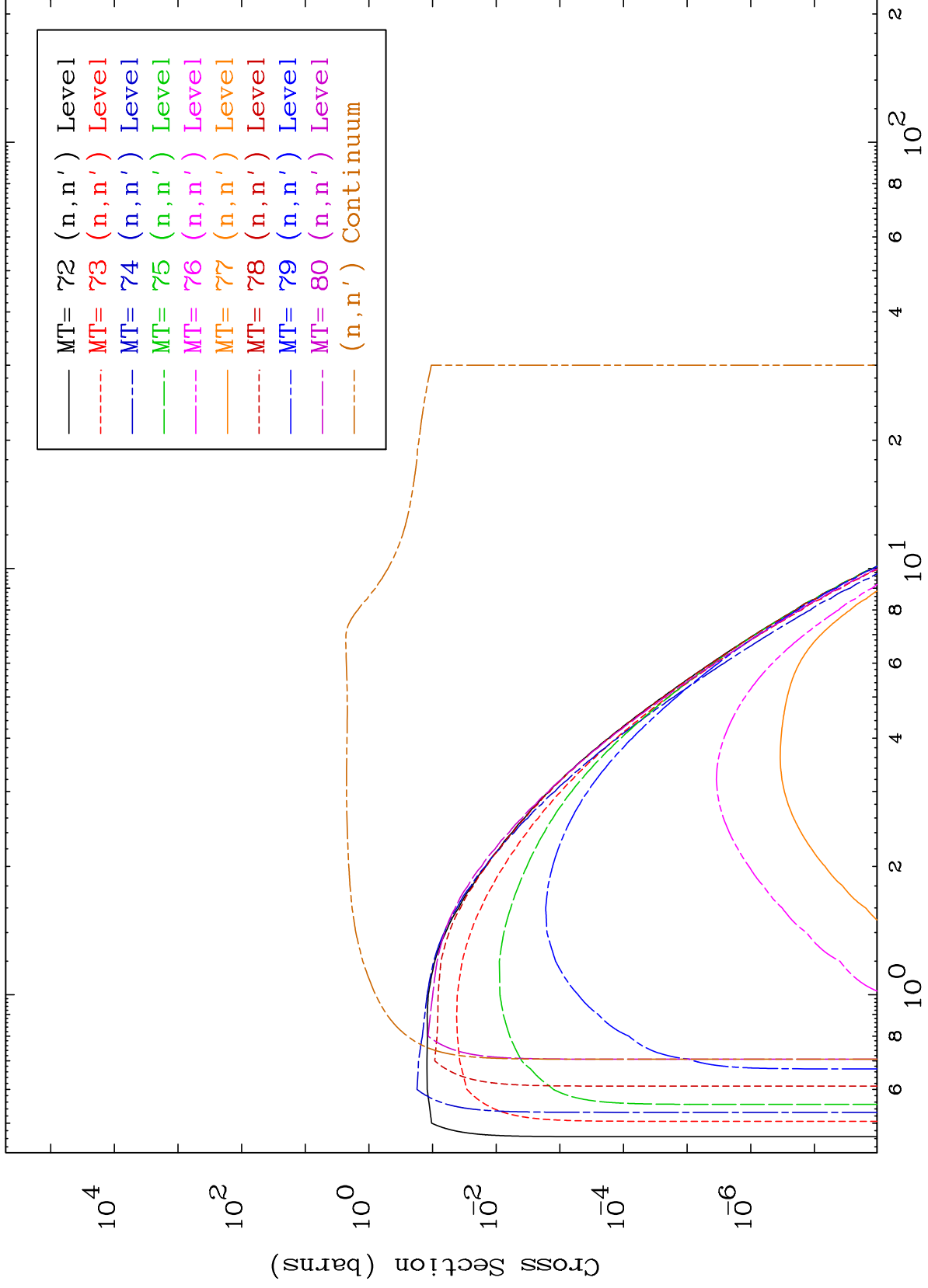
65-Tb-156

MAT 6517

(n,n') Level

293 Kelvin Cross Sections

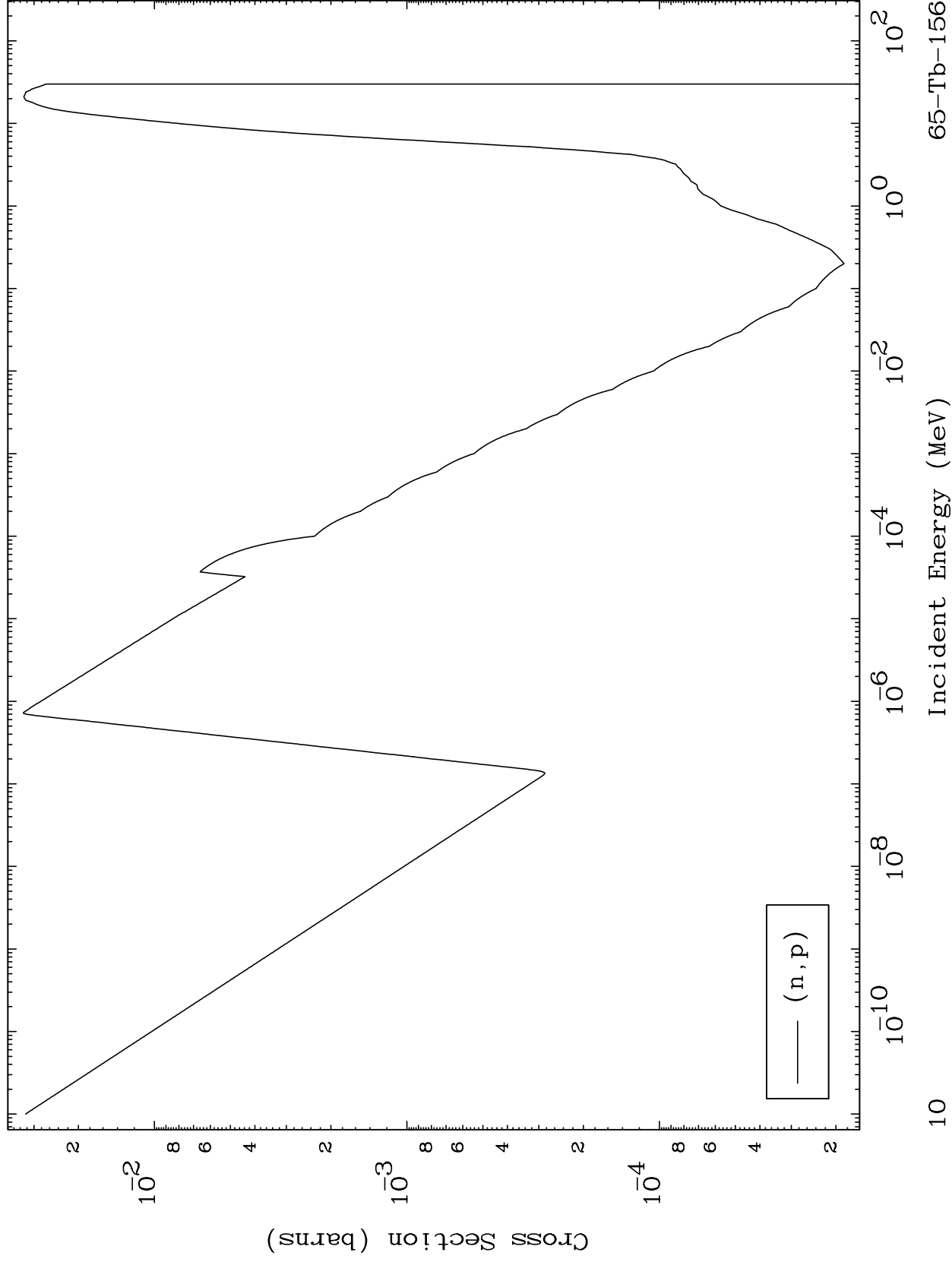
65-Tb-156



MAT 6517

(n,p) Levels
293 Kelvin Cross Sections

65-Tb-156



10

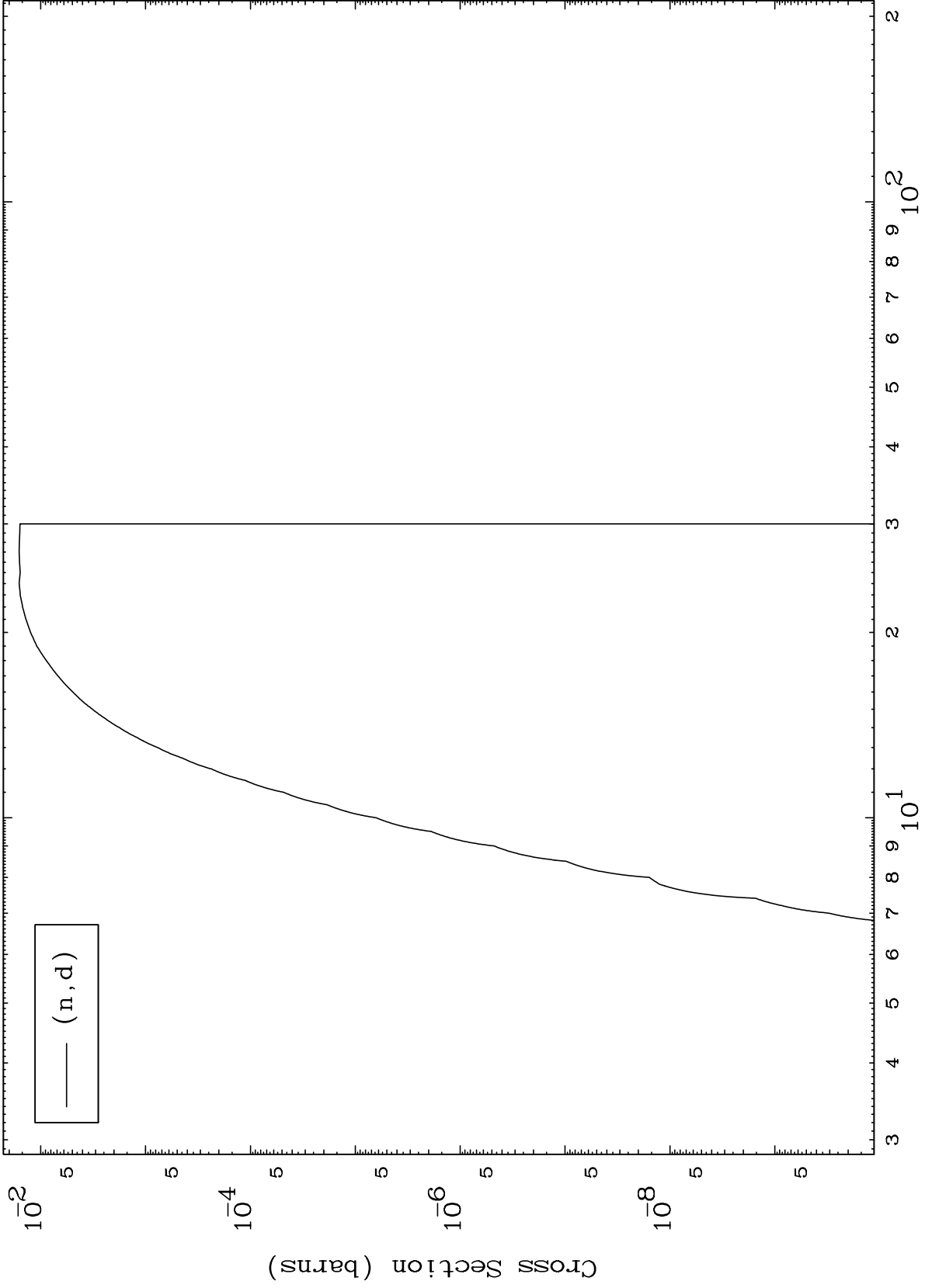
Incident Energy (MeV)

65-Tb-156

MAT 6517

(n,d) Levels
293 Kelvin Cross Sections

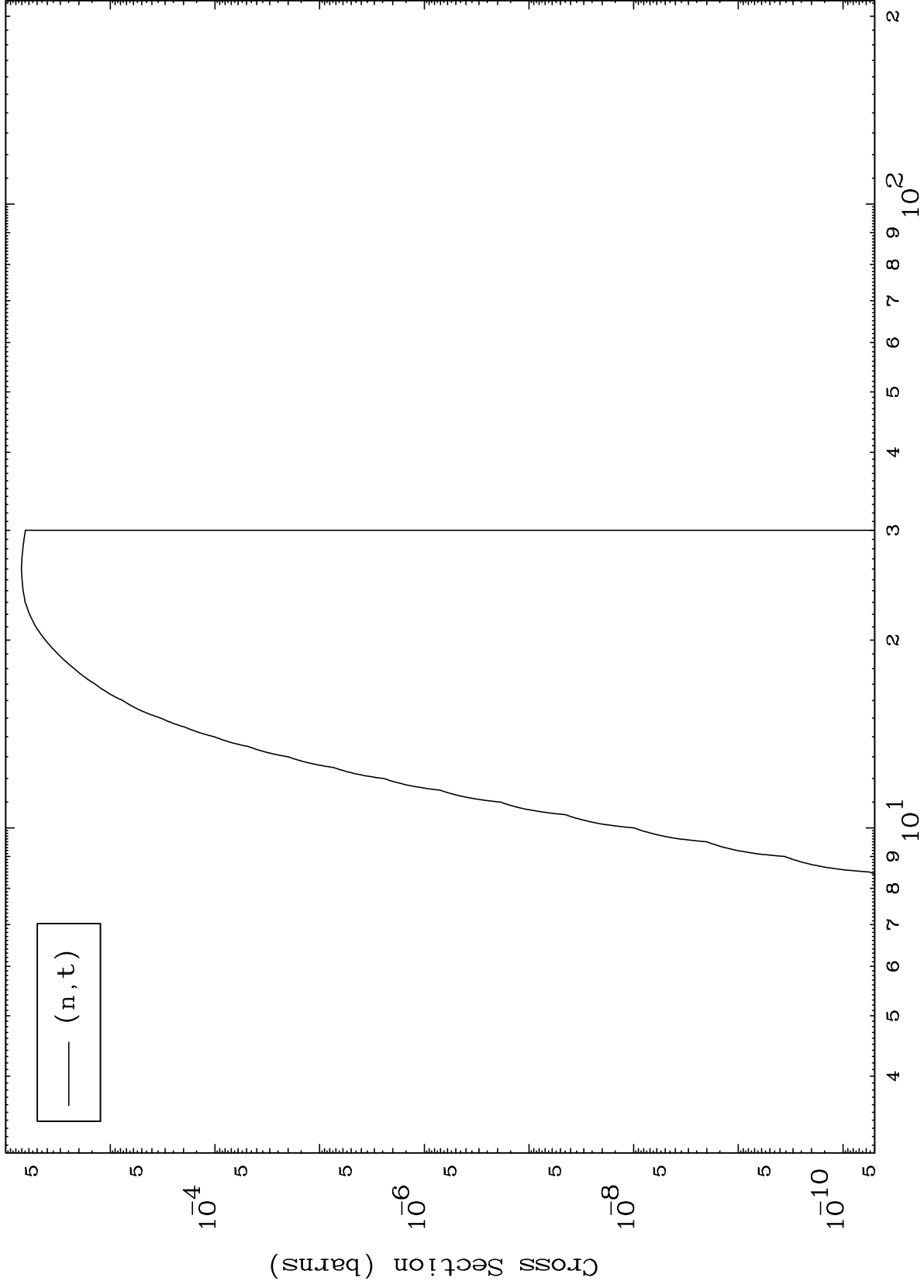
65-Tb-156



MAT 6517

(n,t) Levels
293 Kelvin Cross Sections

65-Tb-156



12

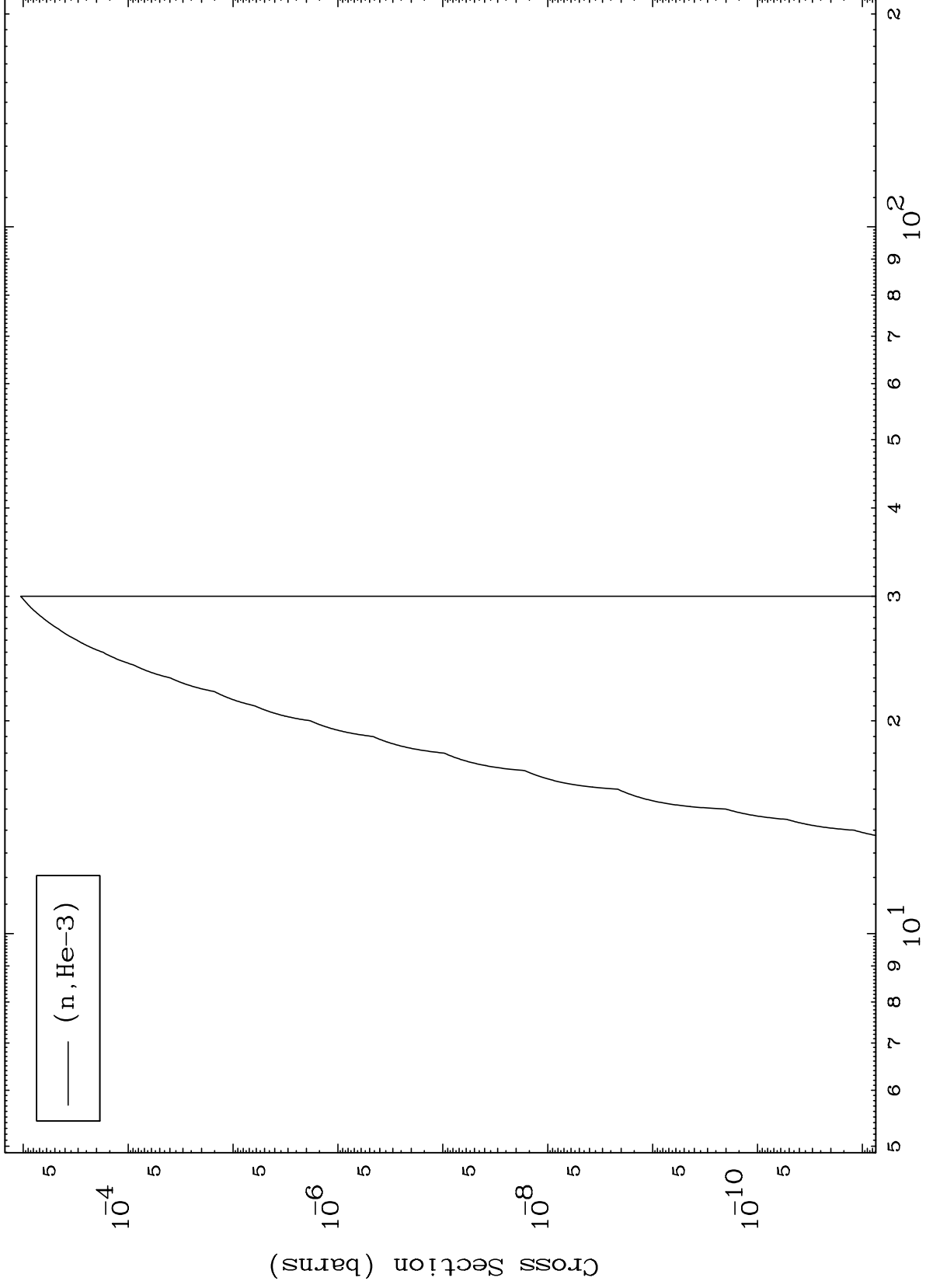
Incident Energy (MeV)

65-Tb-156

MAT 6517

(n,He3) Levels
293 Kelvin Cross Sections

65-Tb-156



13

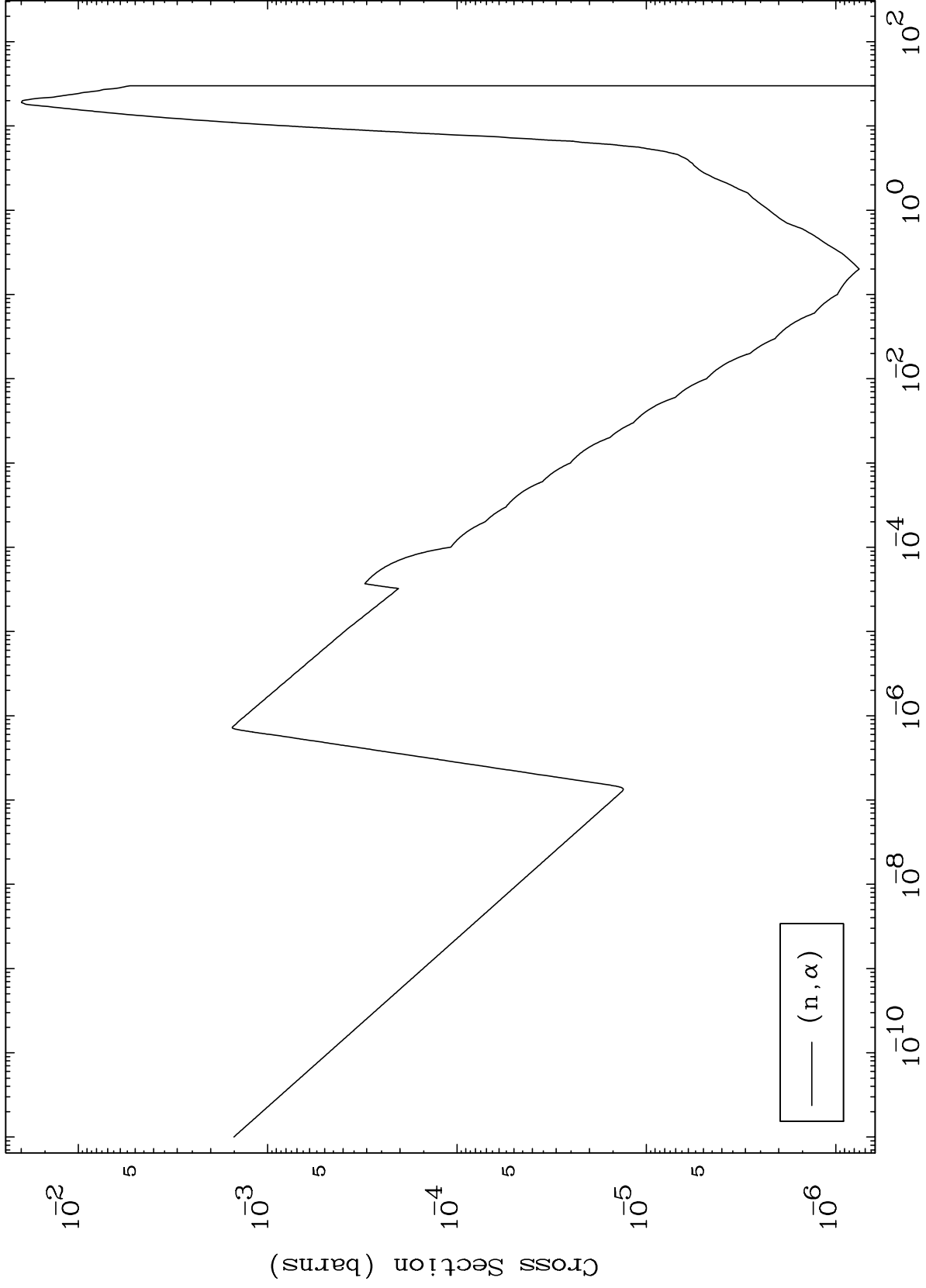
Incident Energy (MeV)

65-Tb-156

MAT 6517

(n,α) Levels
293 Kelvin Cross Sections

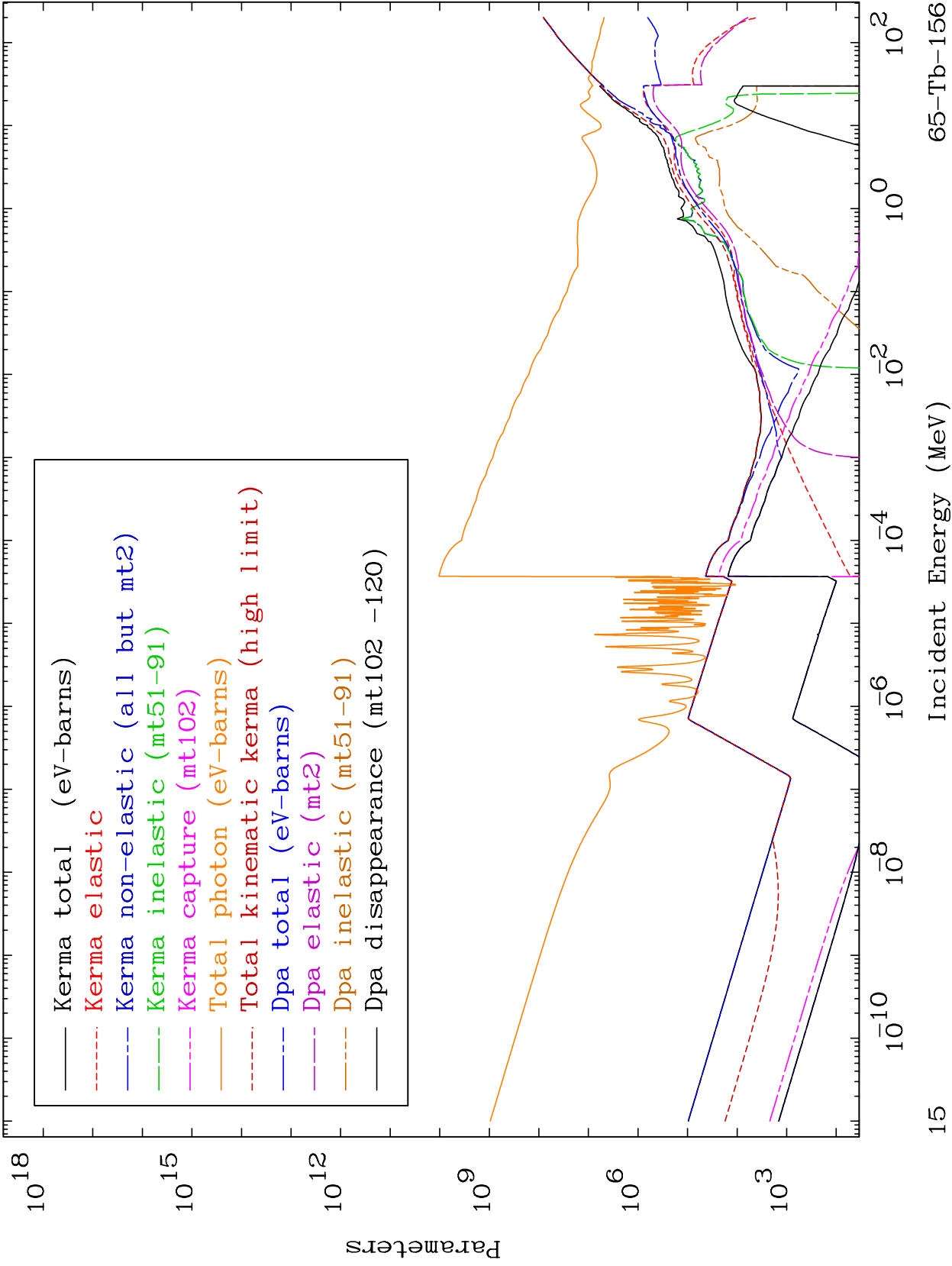
65-Tb-156

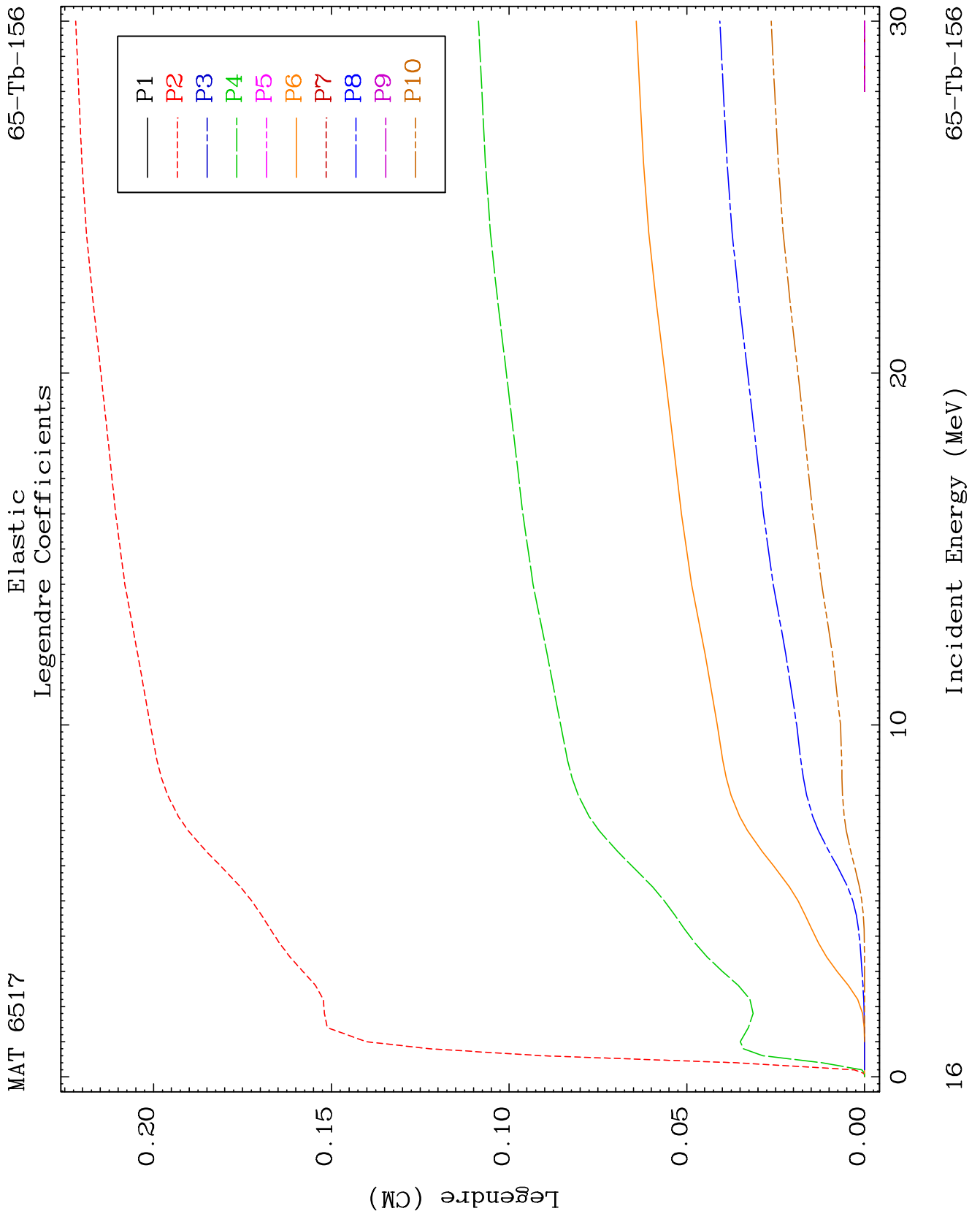


14

Incident Energy (MeV)

65-Tb-156

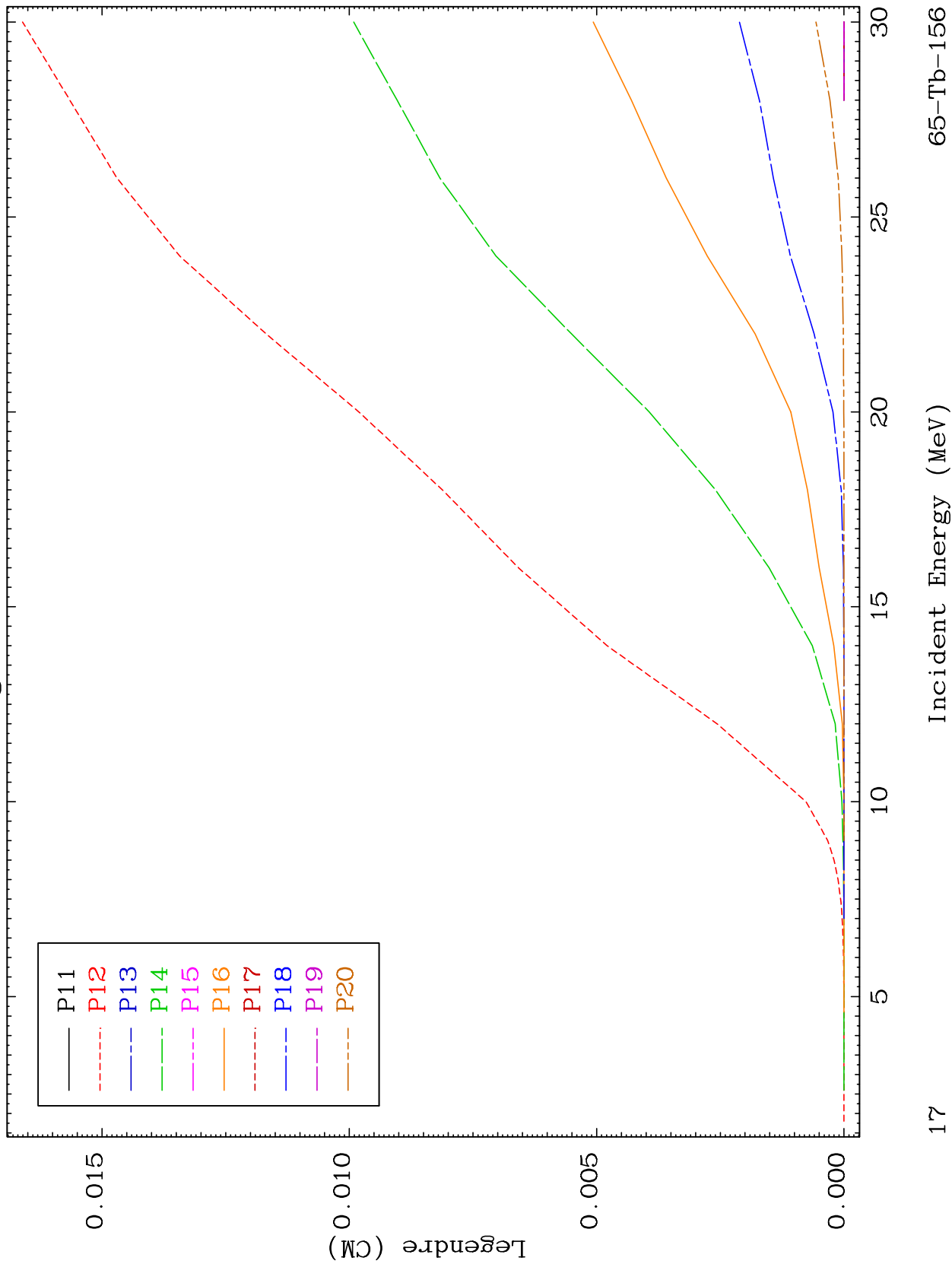




MAT 6517

Elastic Legendre Coefficients

65-Tb-156



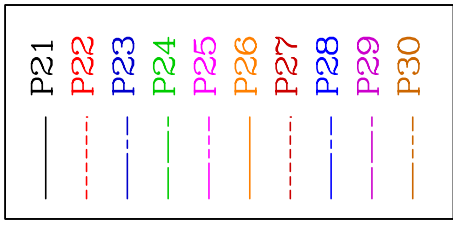
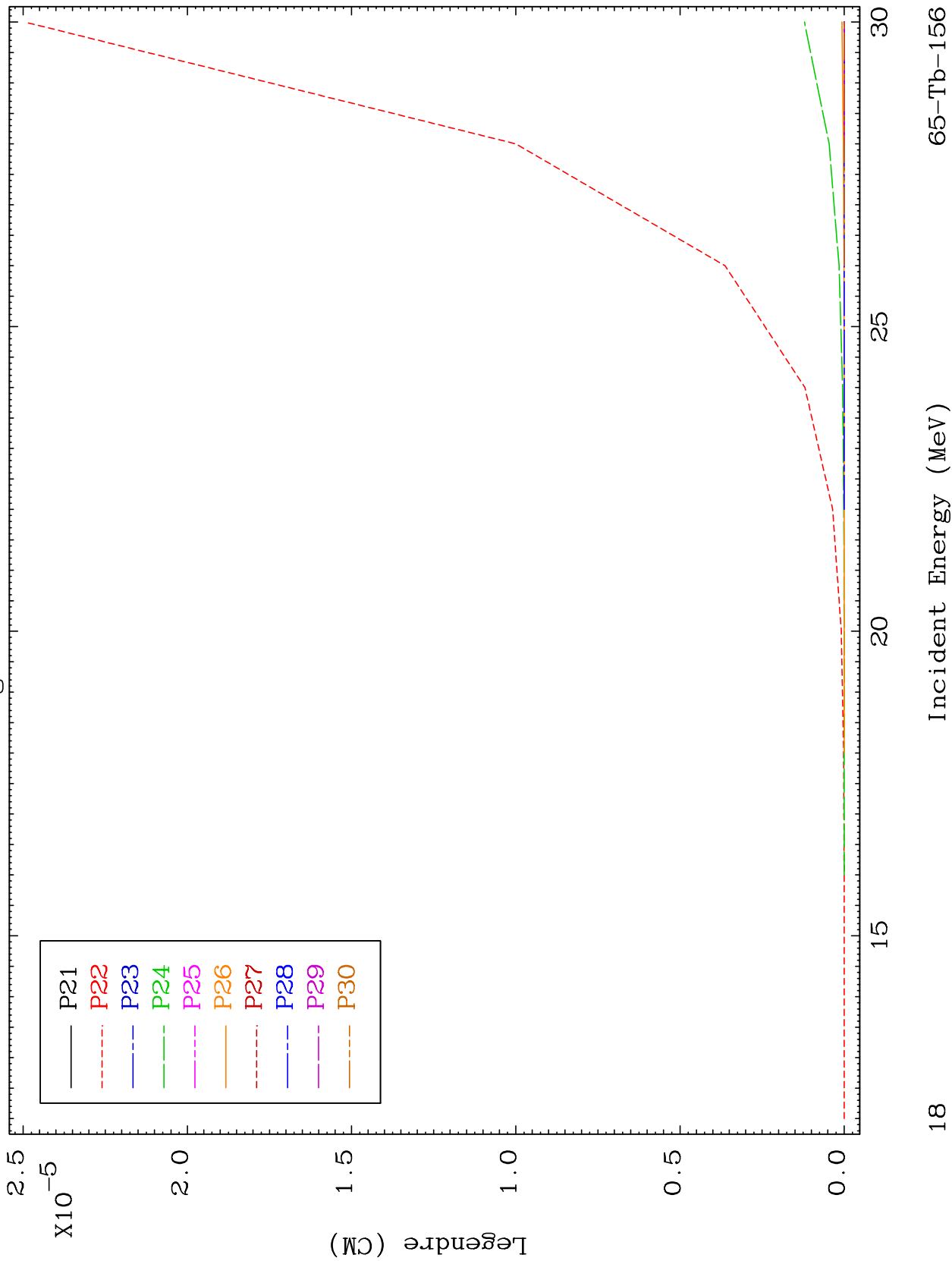
17

65-Tb-156

MAT 6517

Elastic
Legendre Coefficients

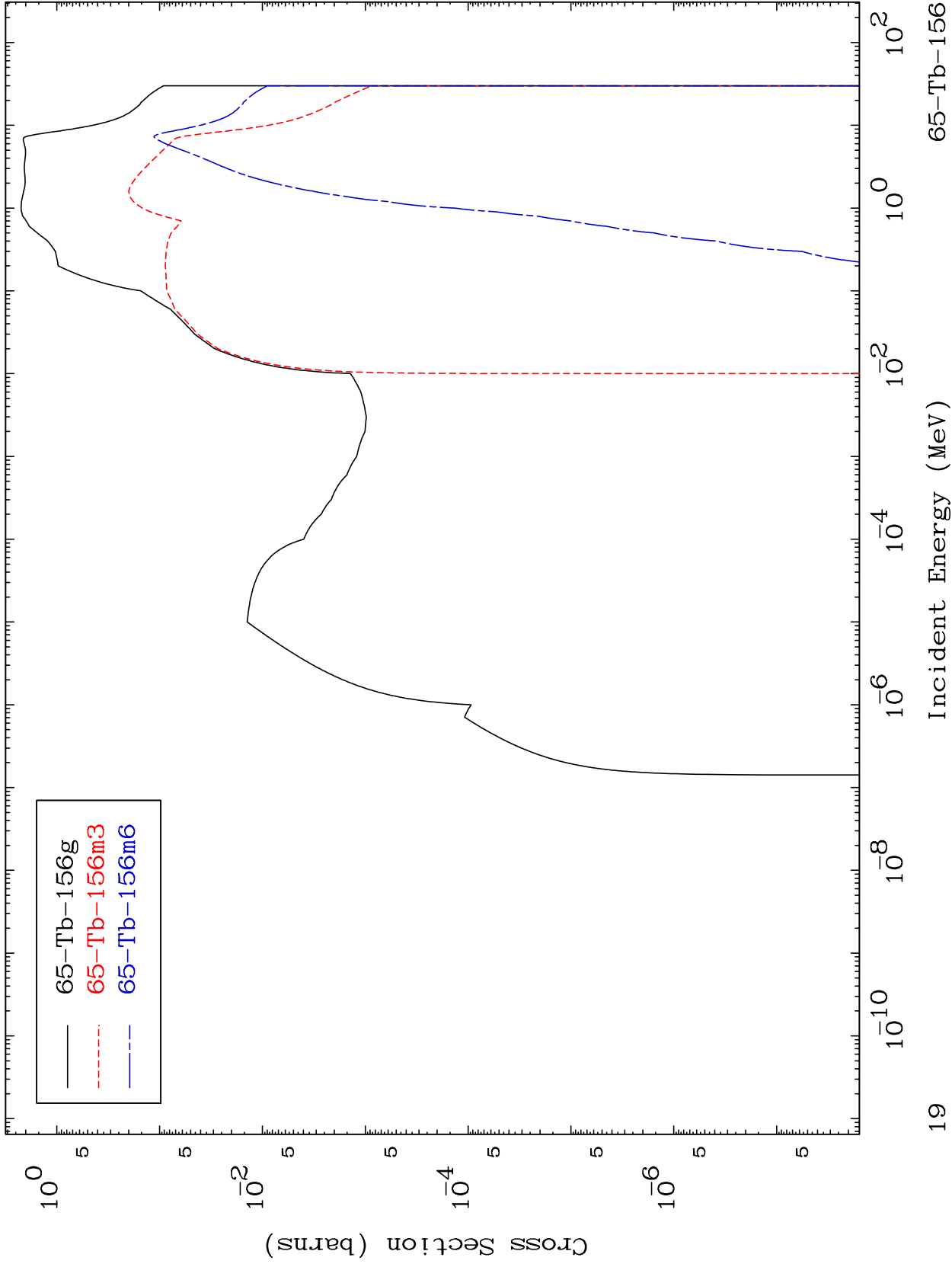
65-Tb-156



MAT 6517

Inelastic
Radionuclide Production Cross Section

65-Tb-156



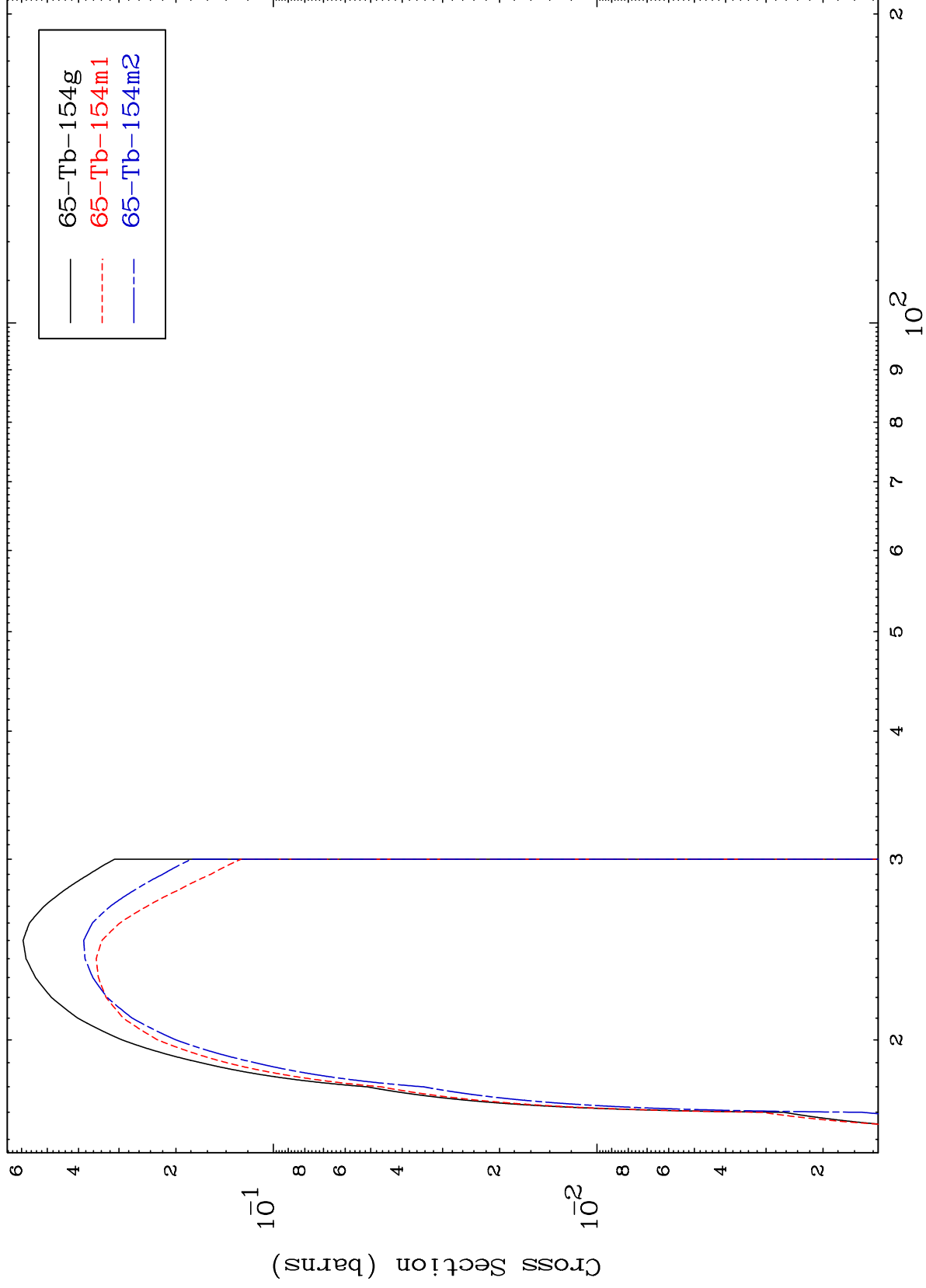
65-Tb-156g
65-Tb-156m3
65-Tb-156m6

MAT 6517

(n,3n)

65-Tb-156

Radionuclide Production Cross Section



20

Incident Energy (MeV)

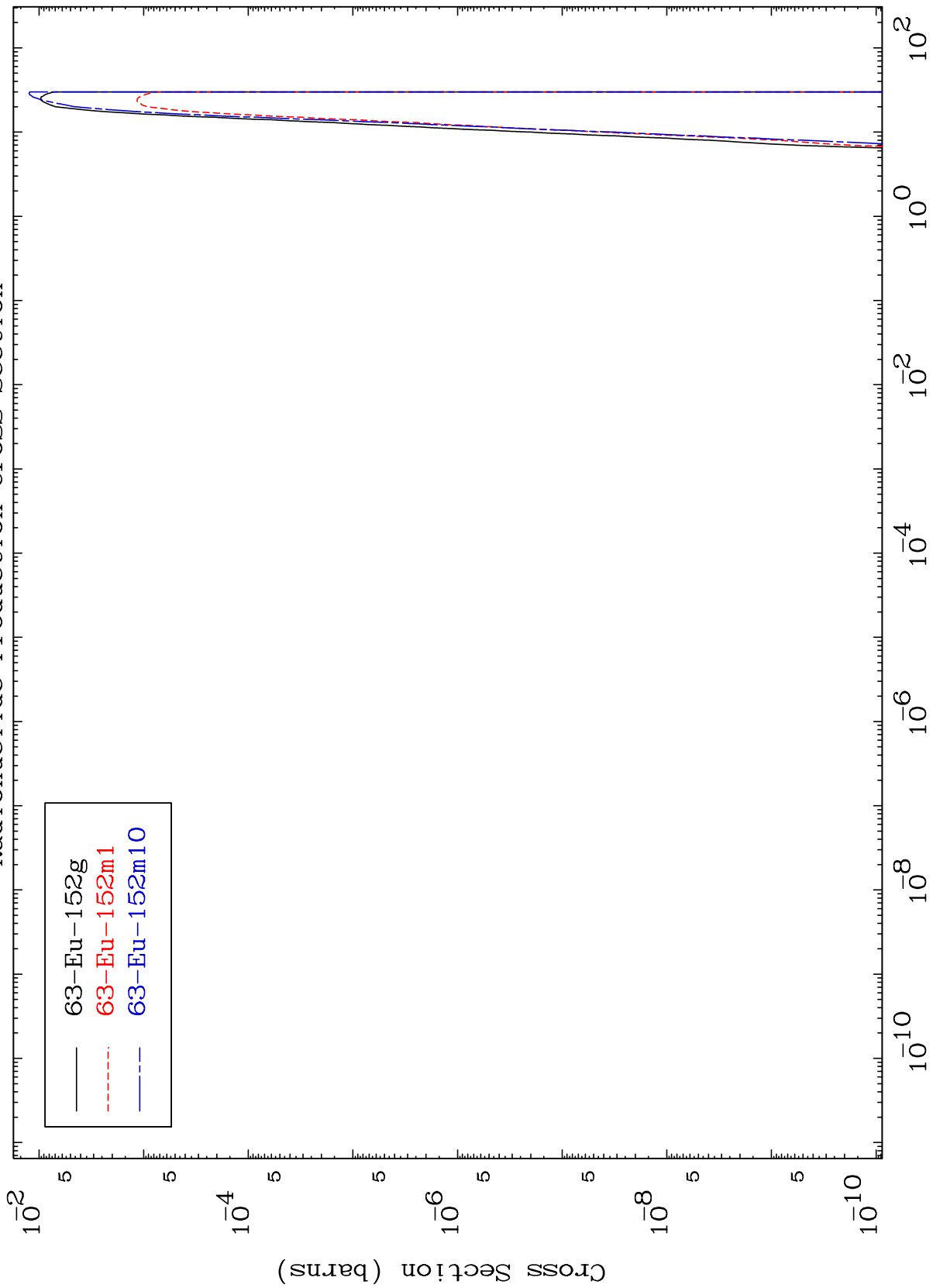
65-Tb-156

MAT 6517

$(n, n') \alpha$

65-Tb-156

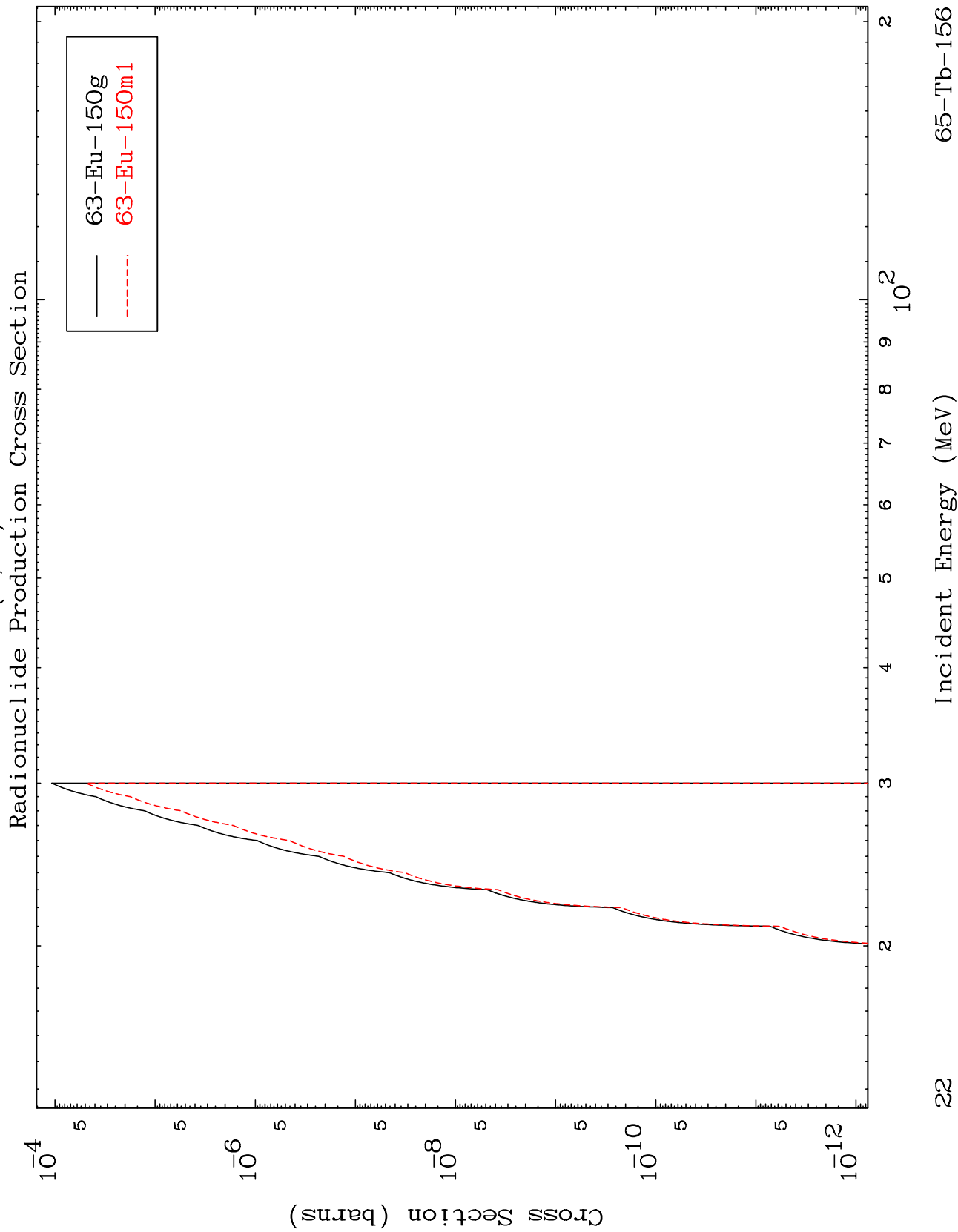
Radionuclide Production Cross Section



MAT 6517

(n,3n) α

65-Tb-156

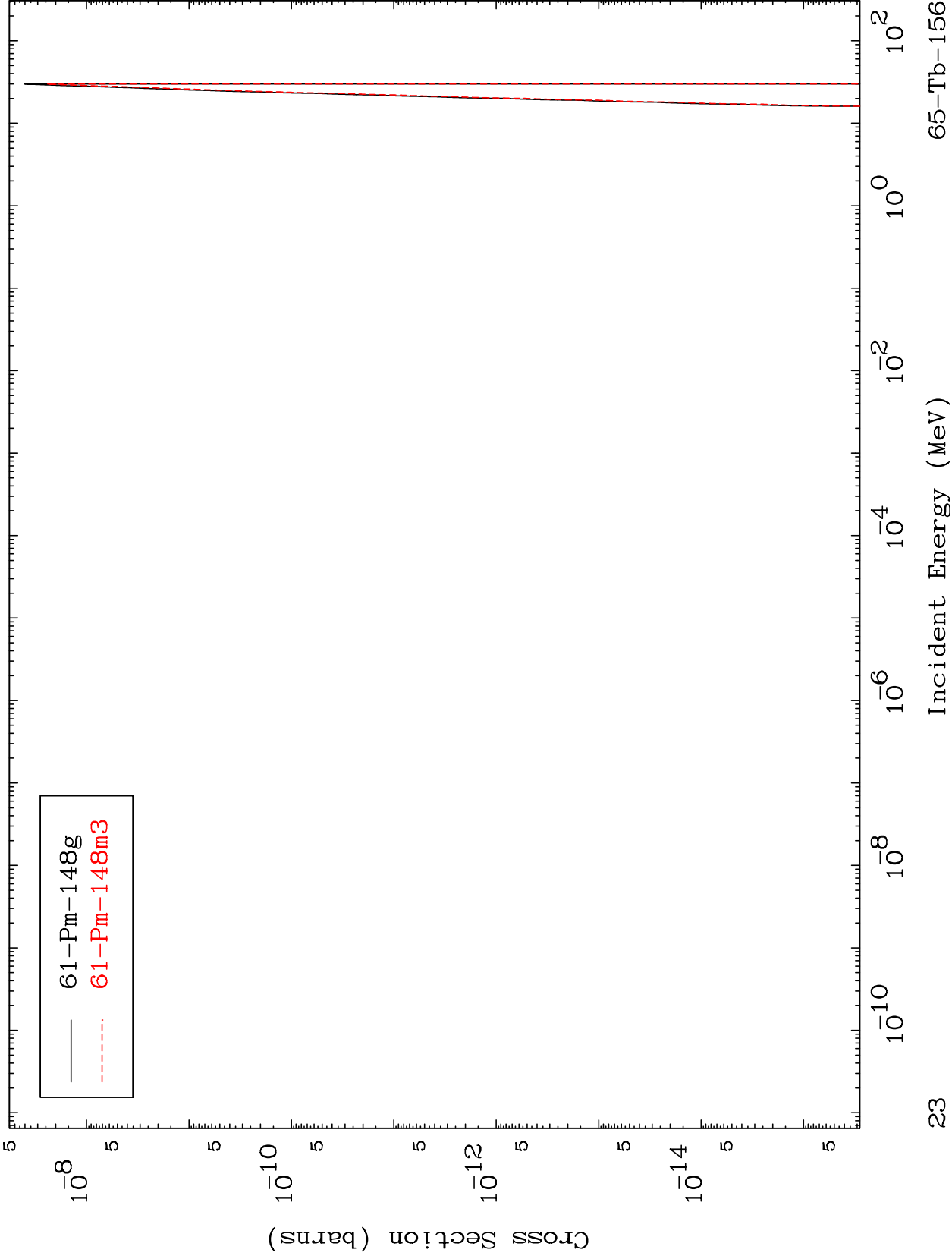


MAT 6517

(n,n') 2 α

65-Tb-156

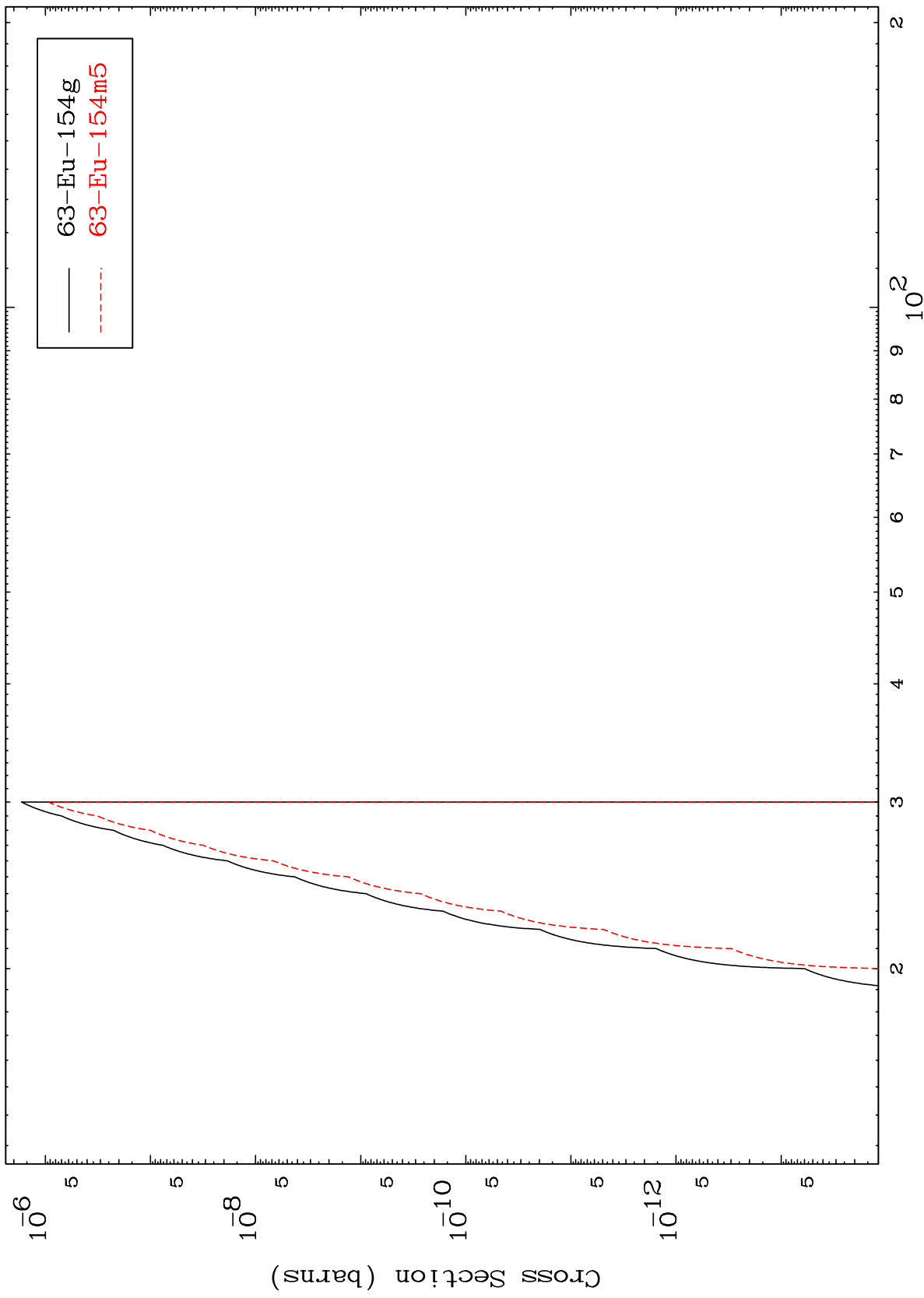
Radionuclide Production Cross Section



MAT 6517

65-Tb-156

(n,2n) p
Radionuclide Production Cross Section



24

65-Tb-156

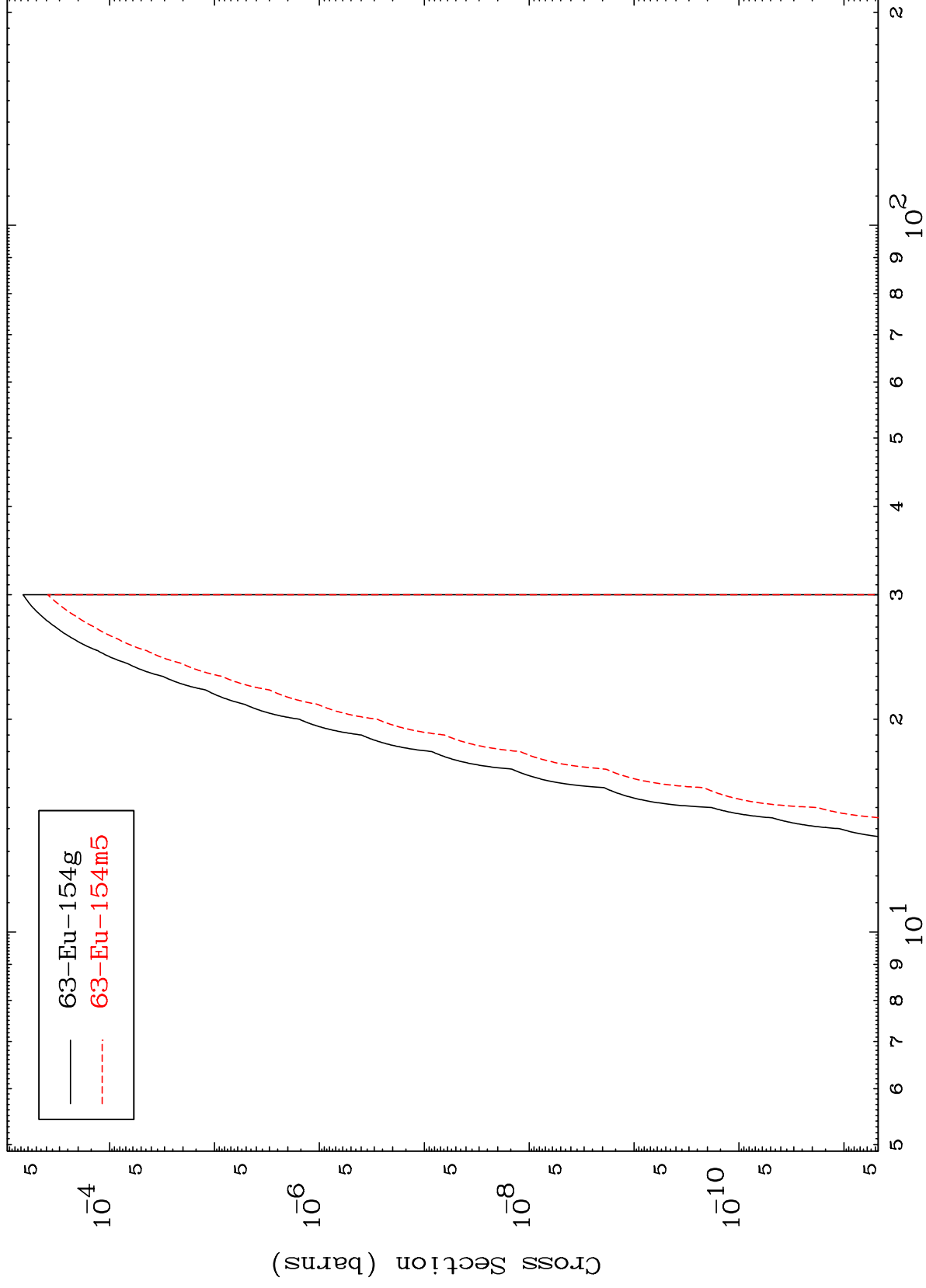
Incident Energy (MeV)

MAT 6517

(n,He-3)

65-Tb-156

Radionuclide Production Cross Section



25

Incident Energy (MeV)

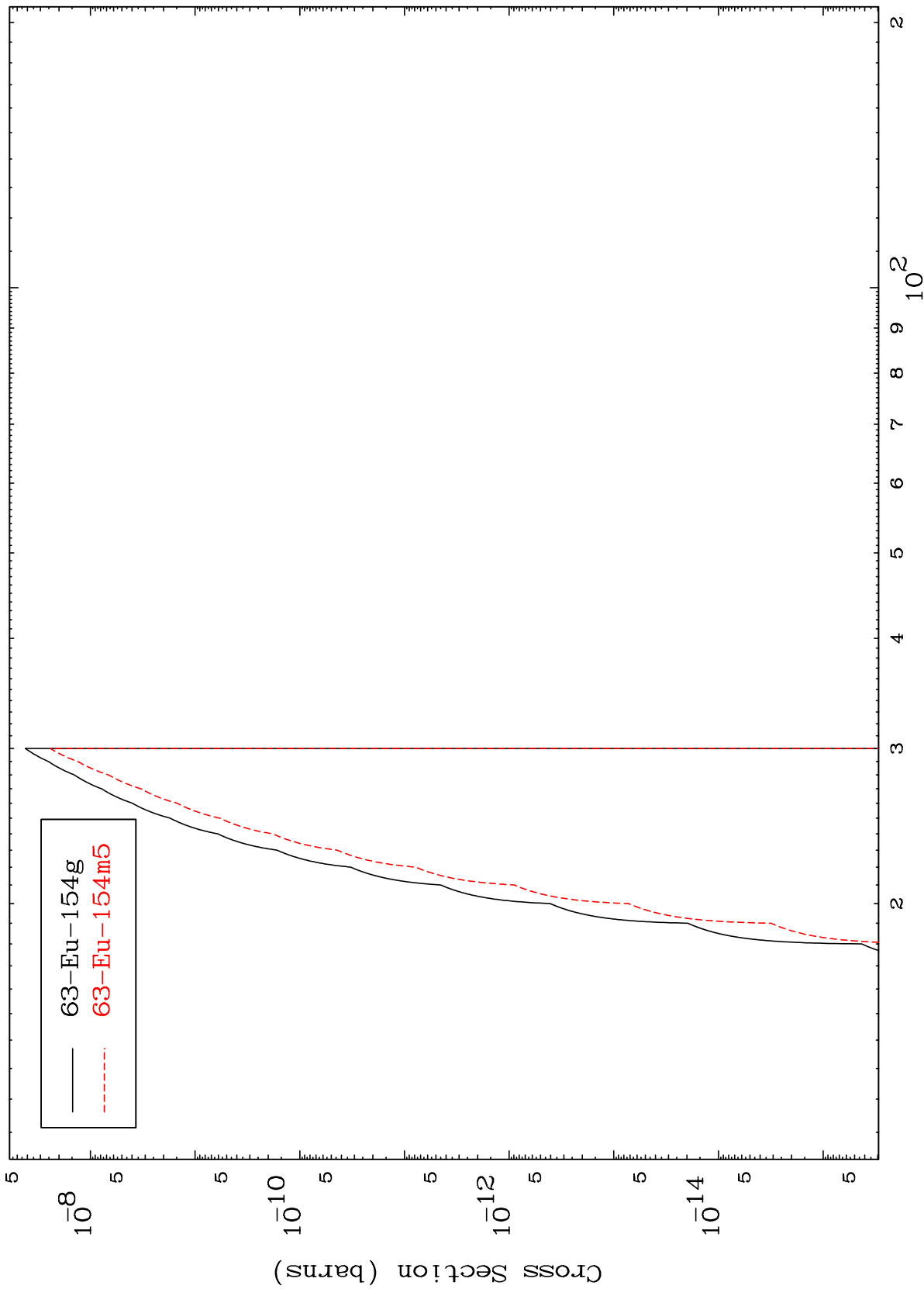
65-Tb-156

MAT 6517

(n,p) d

65-Tb-156

Radionuclide Production Cross Section



Incident Energy (MeV)

65-Tb-156

26