

Program EVALPLOT
(Version 2018-1)

by

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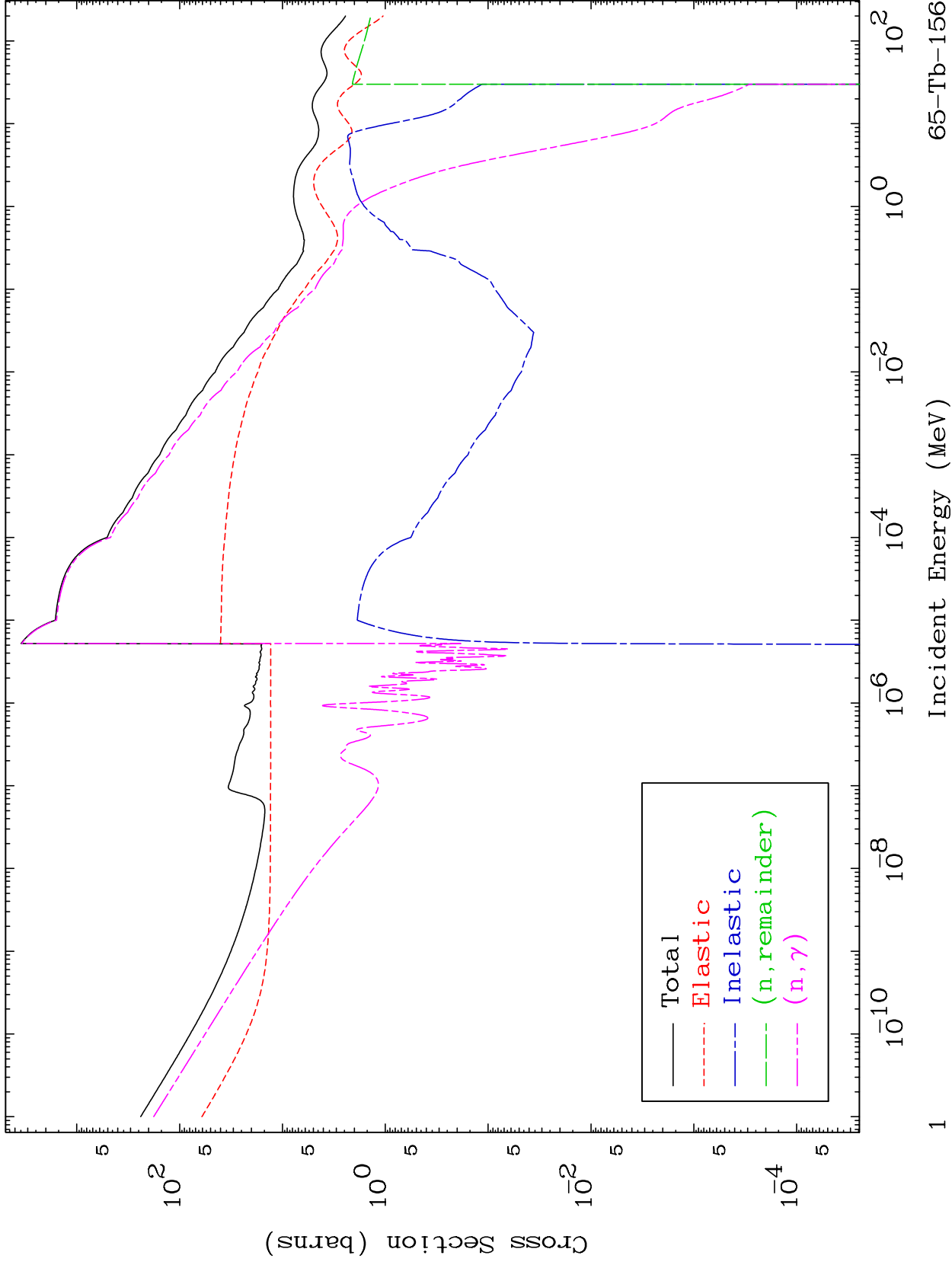
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6518

Major
293 Kelvin Cross Sections

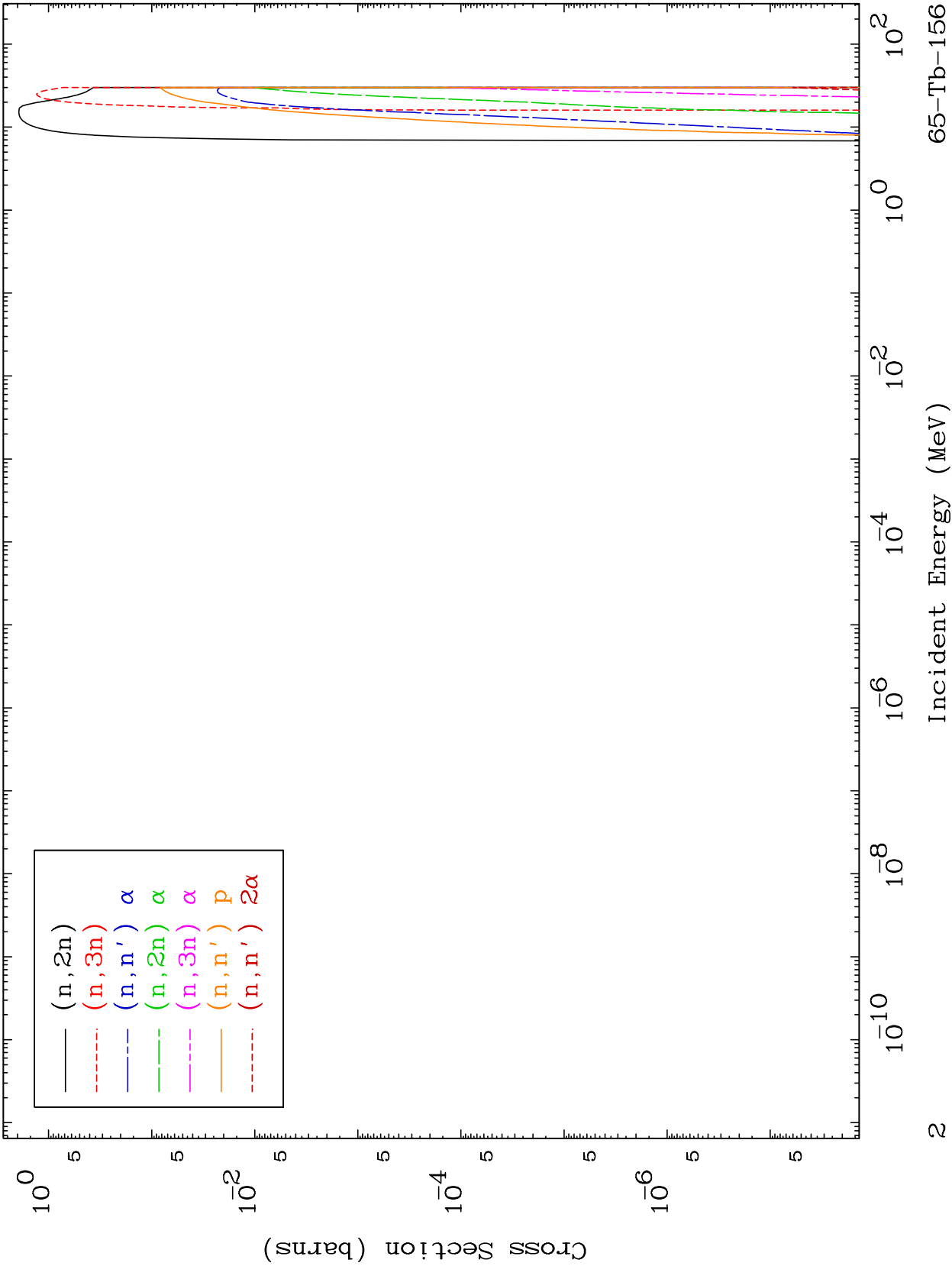
65-Tb-156

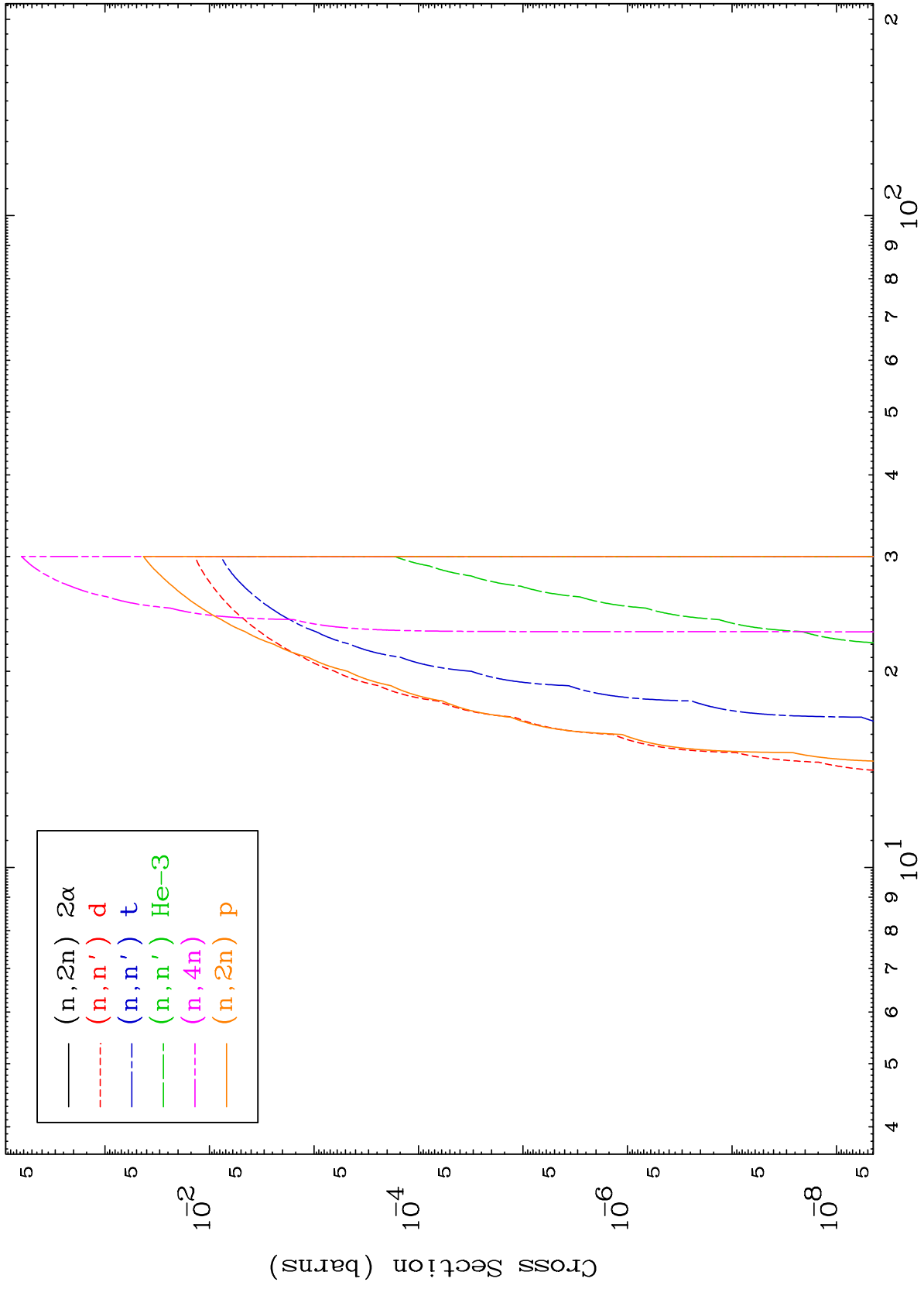


MAT 6518

Neutron Production
293 Kelvin Cross Sections

65-Tb-156

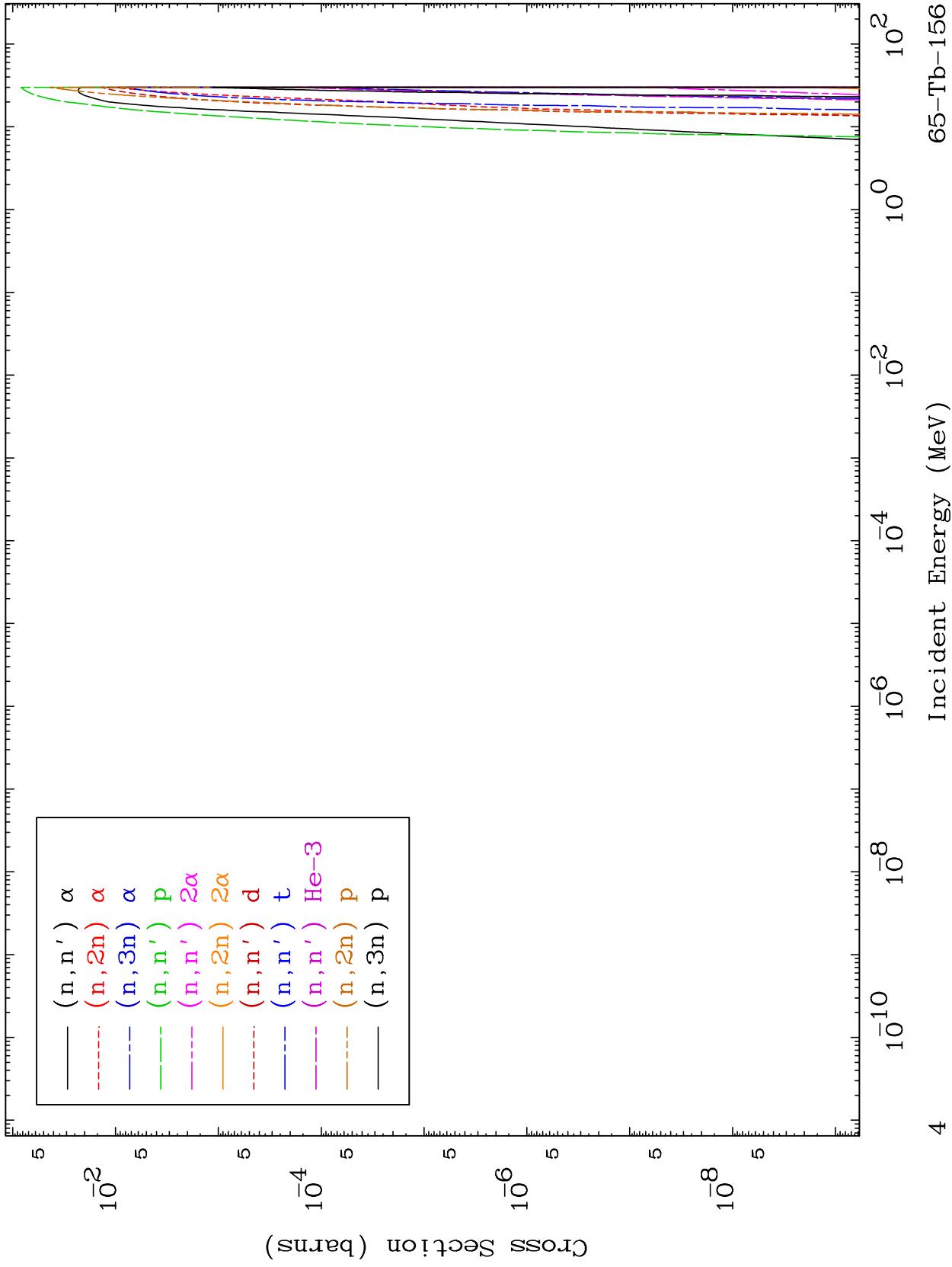




MAT 6518

Charged Particle
293 Kelvin Cross Sections

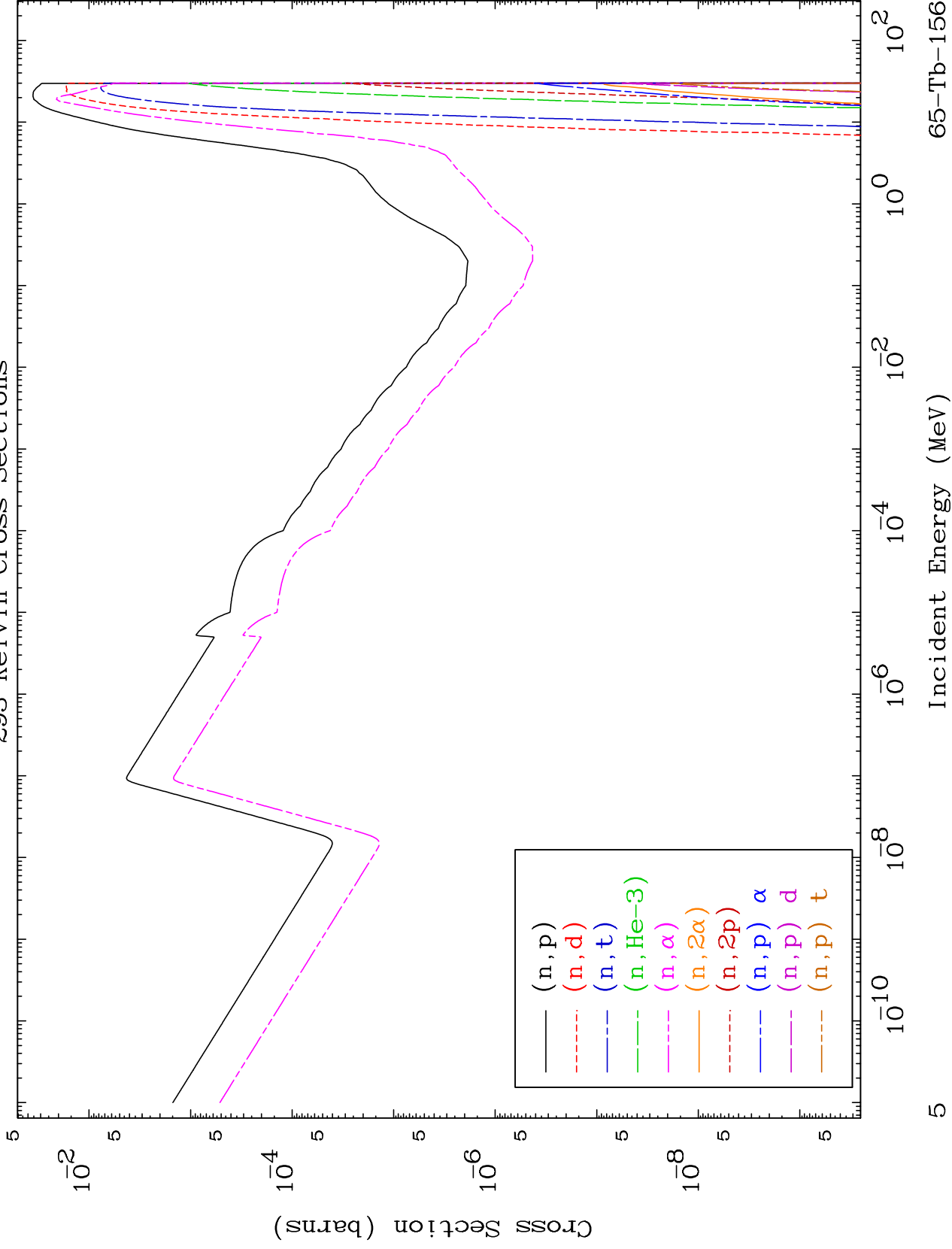
65-Tb-156



MAT 6518

Charged Particle
293 Kelvin Cross Sections

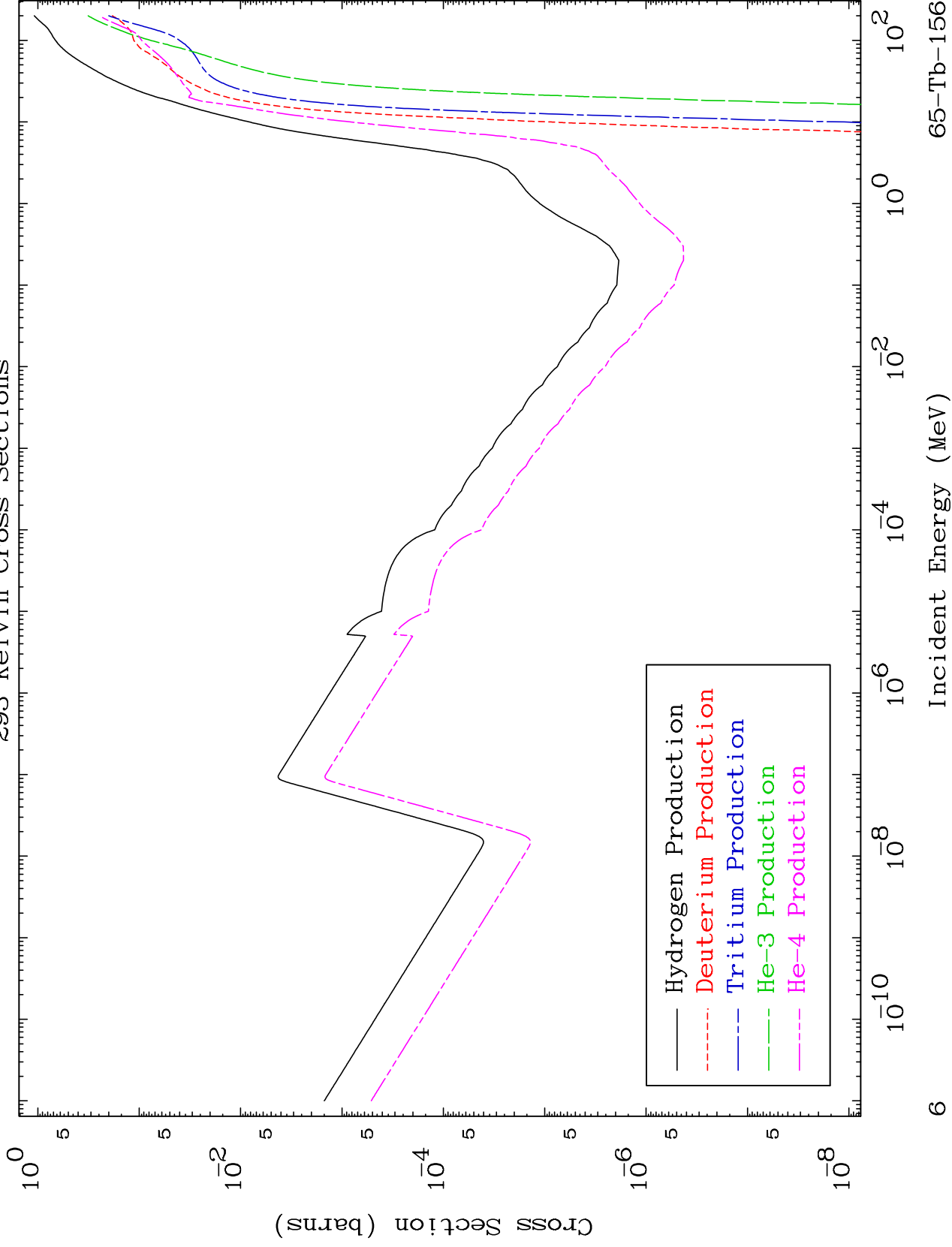
65-Tb-156



MAT 6518

Particle Production
293 Kelvin Cross Sections

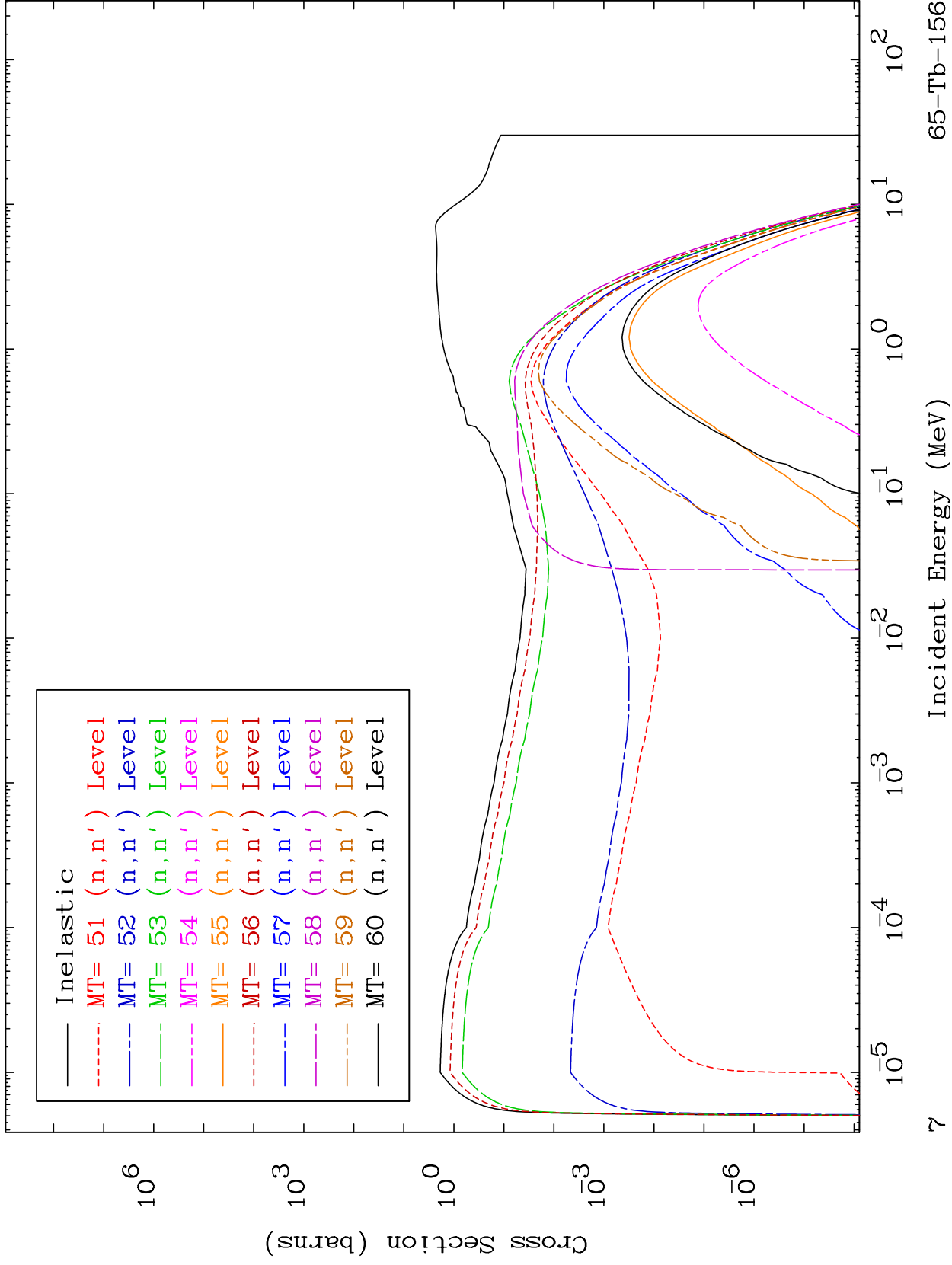
65-Tb-156



MAT 6518

(n,n') Level
293 Kelvin Cross Sections

65-Tb-156

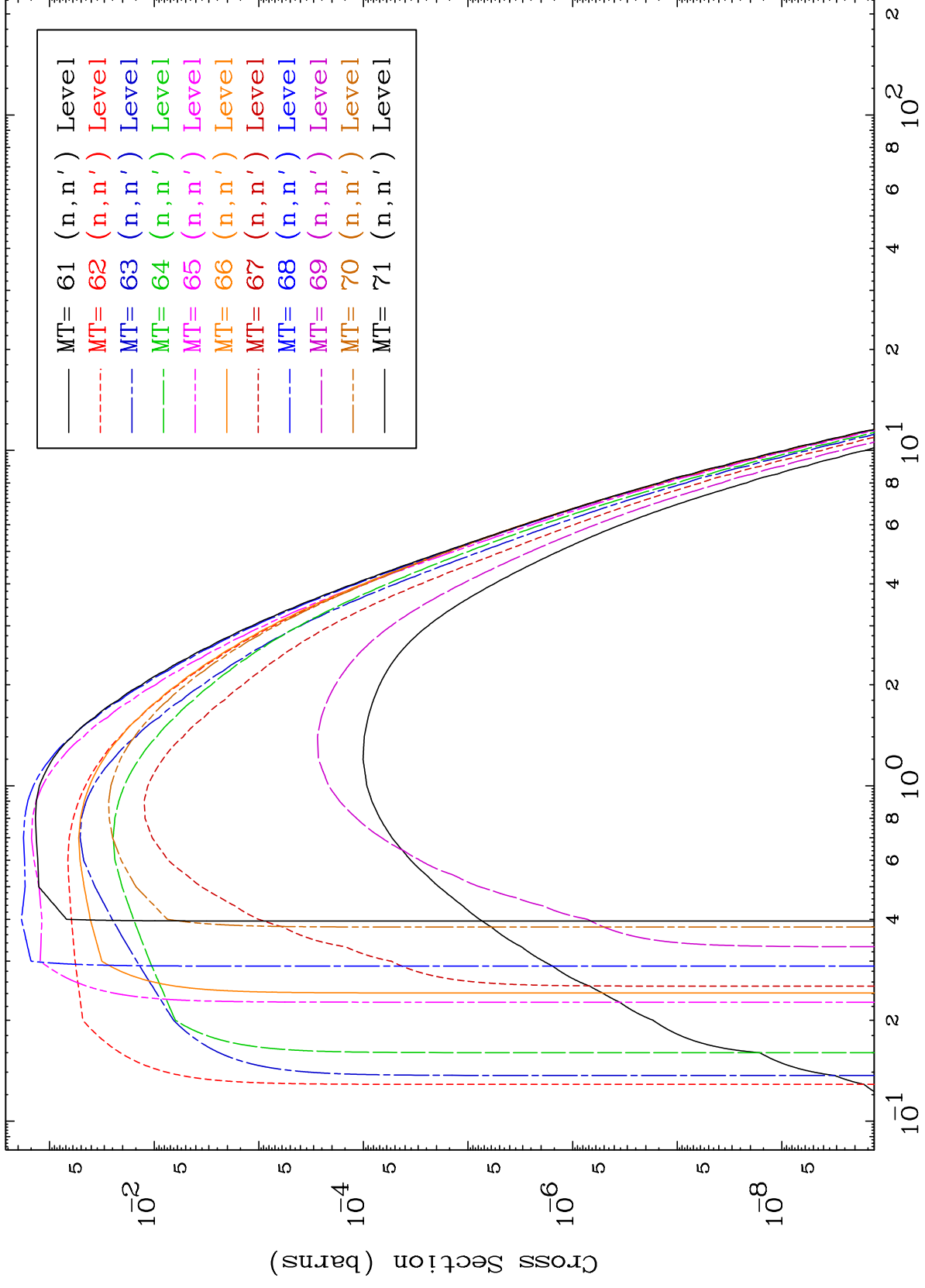


MAT 6518

(n,n') Level

293 Kelvin Cross Sections

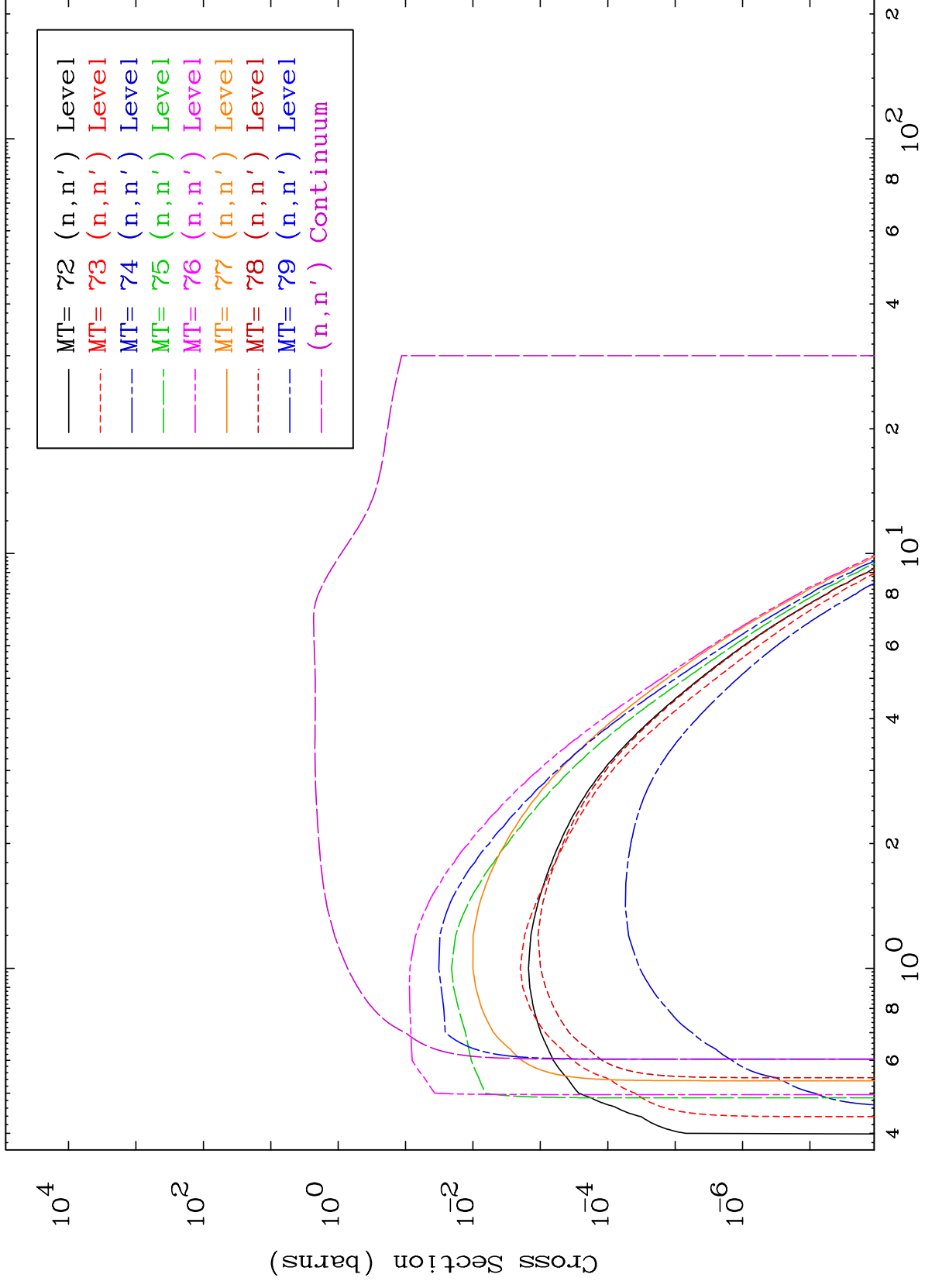
65-Tb-156



Incident Energy (MeV)

65-Tb-156

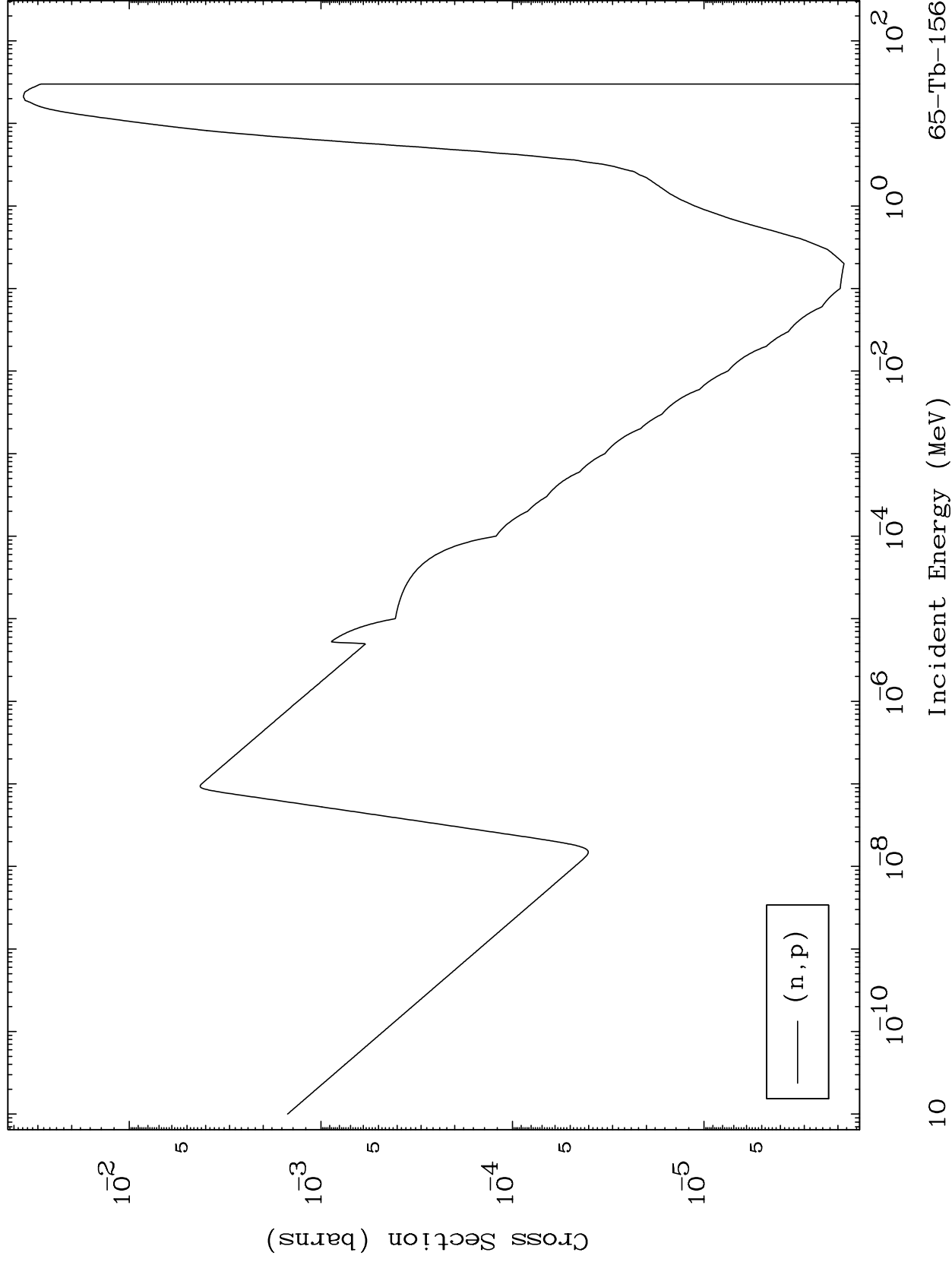
8



MAT 6518

(n,p) Levels
293 Kelvin Cross Sections

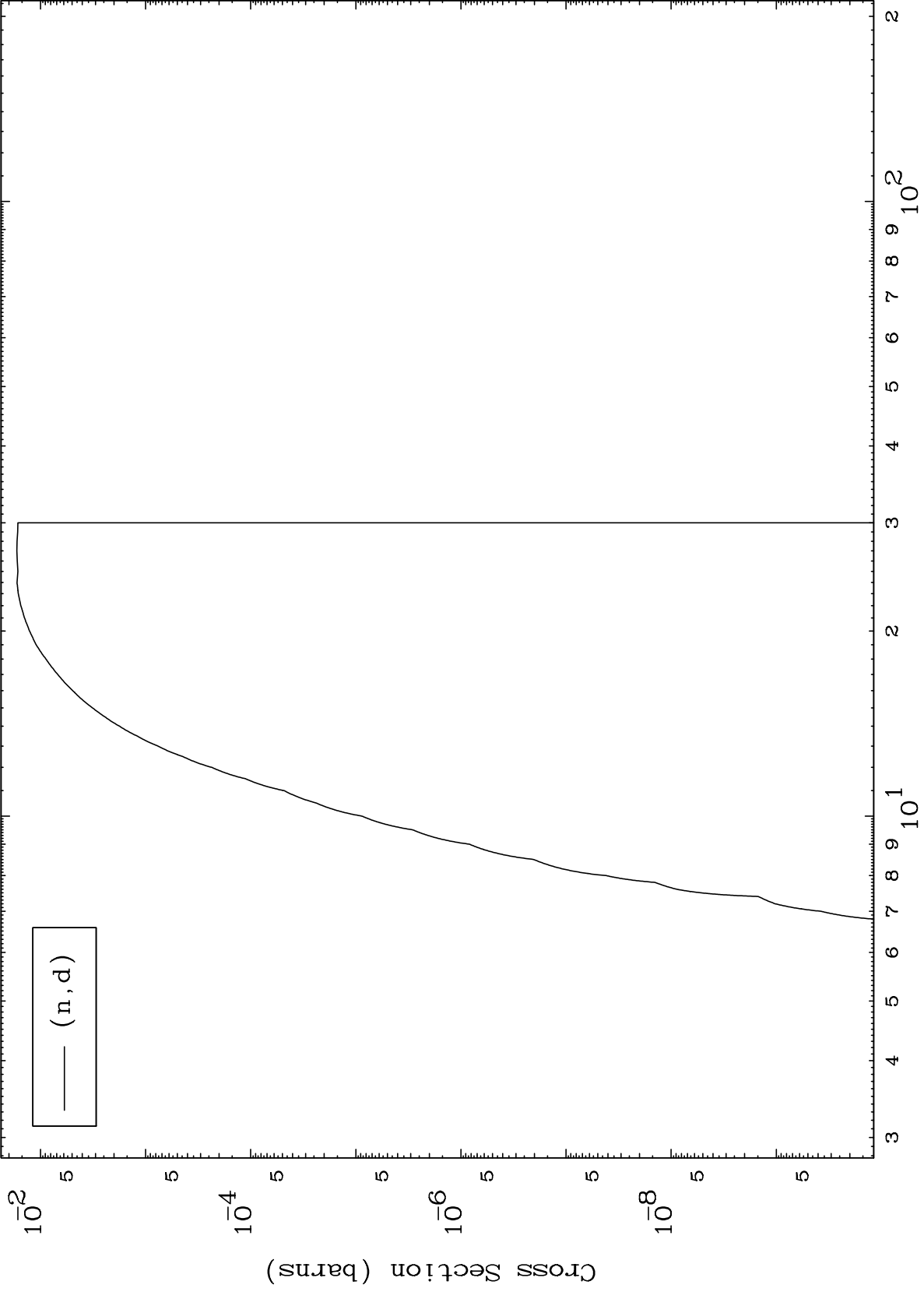
65-Tb-156



MAT 6518

(n,d) Levels
293 Kelvin Cross Sections

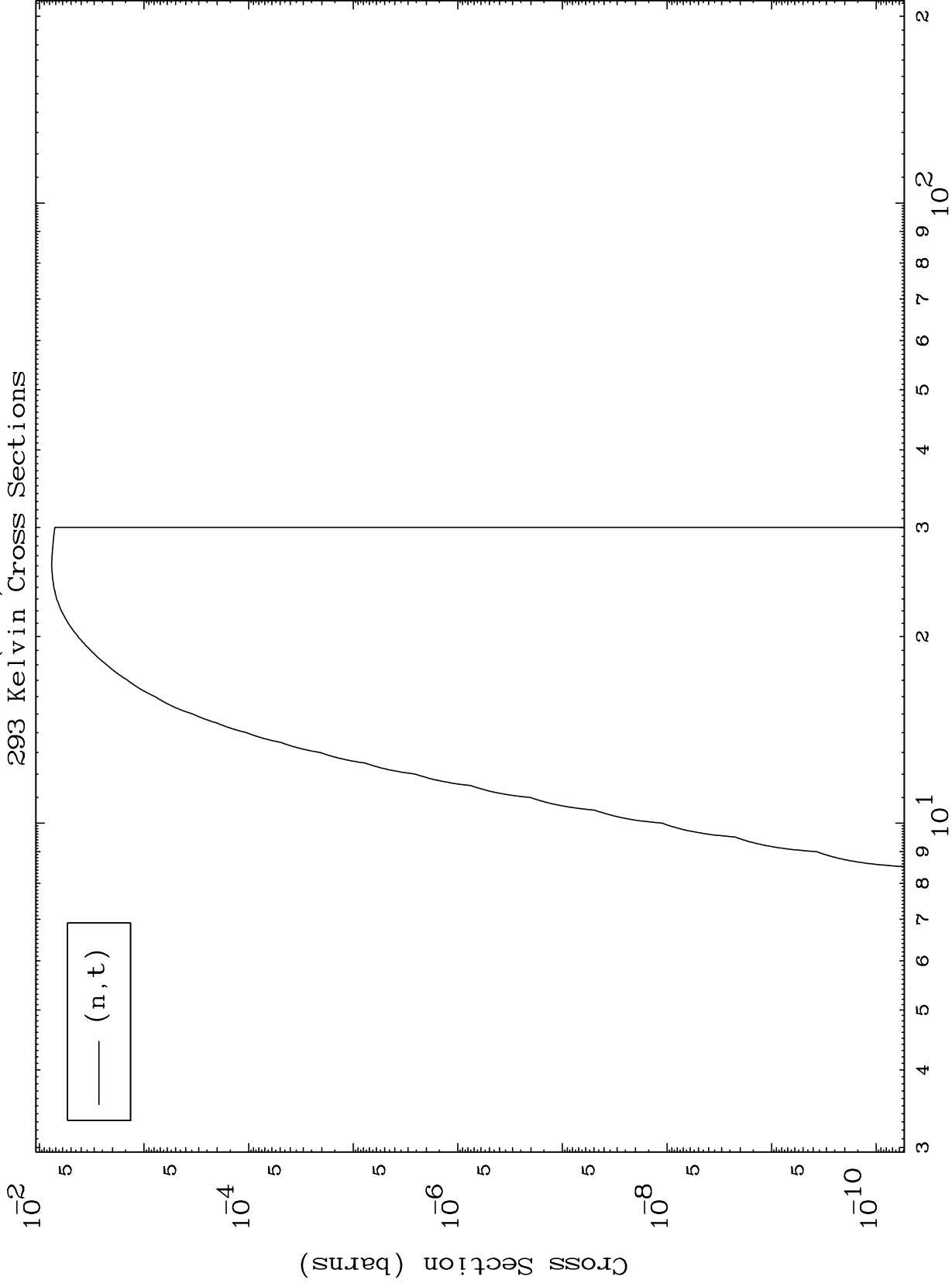
65-Tb-156



MAT 6518

(n,t) Levels
293 Kelvin Cross Sections

65-Tb-156



12

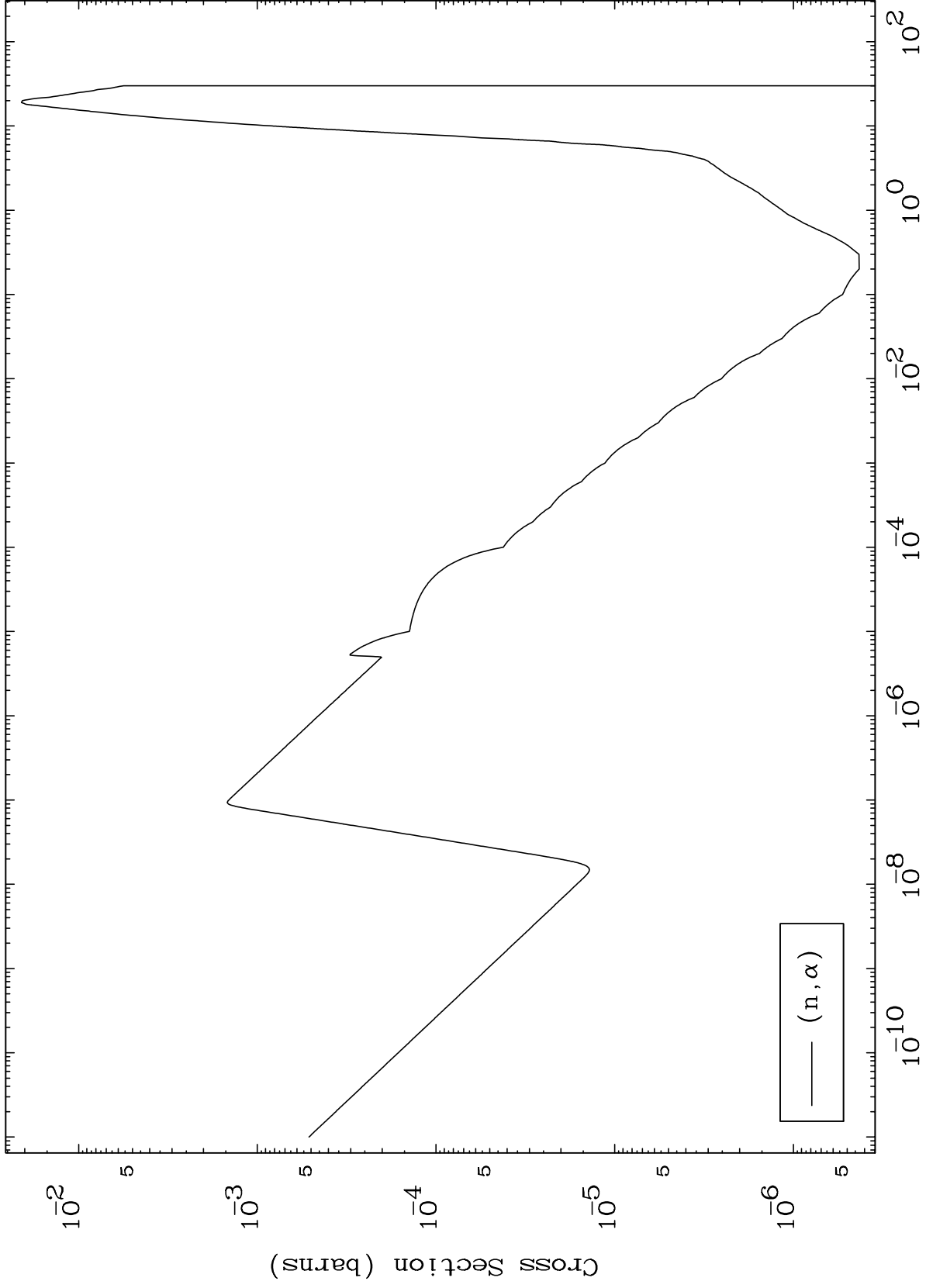
Incident Energy (MeV)

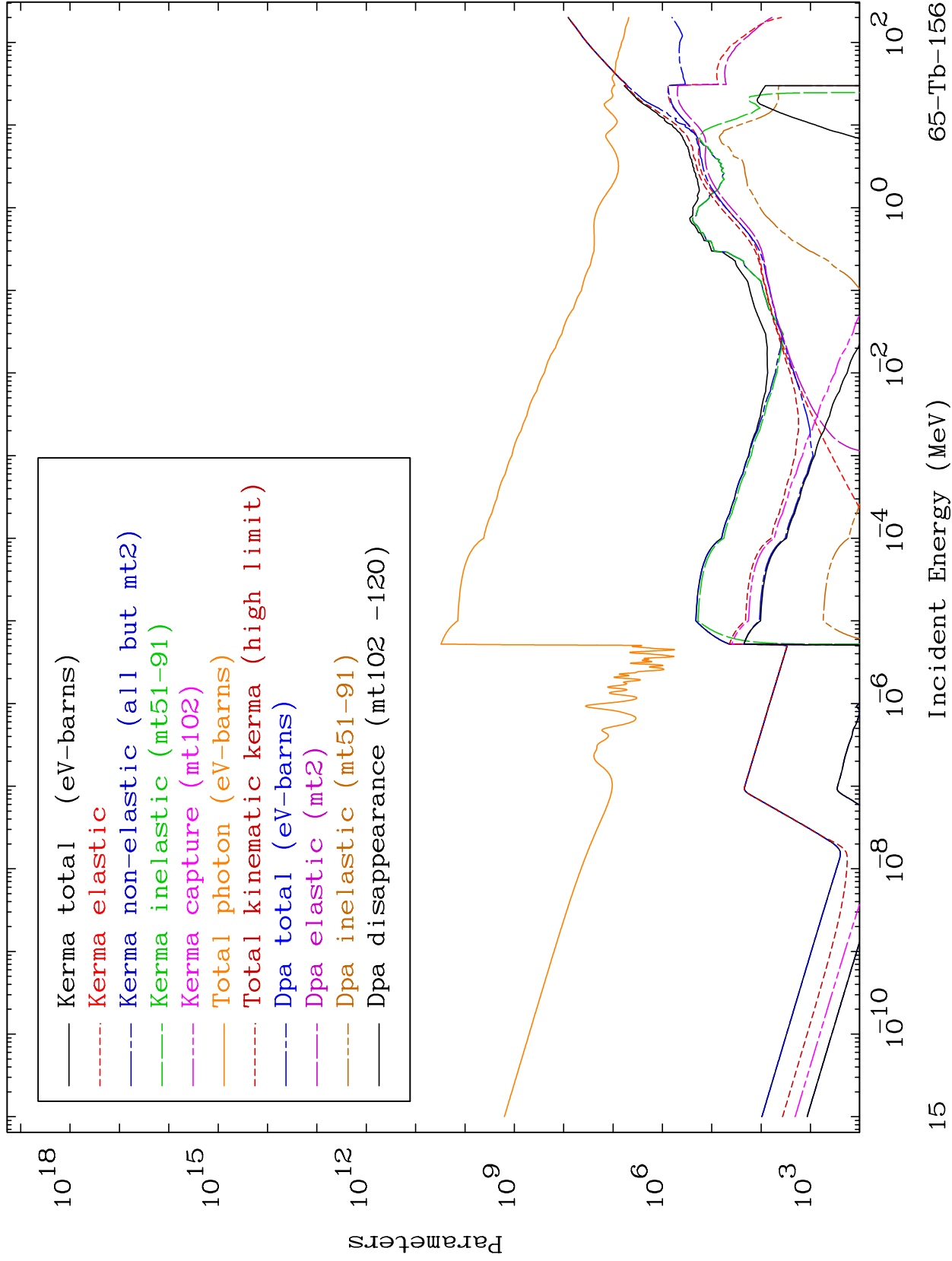
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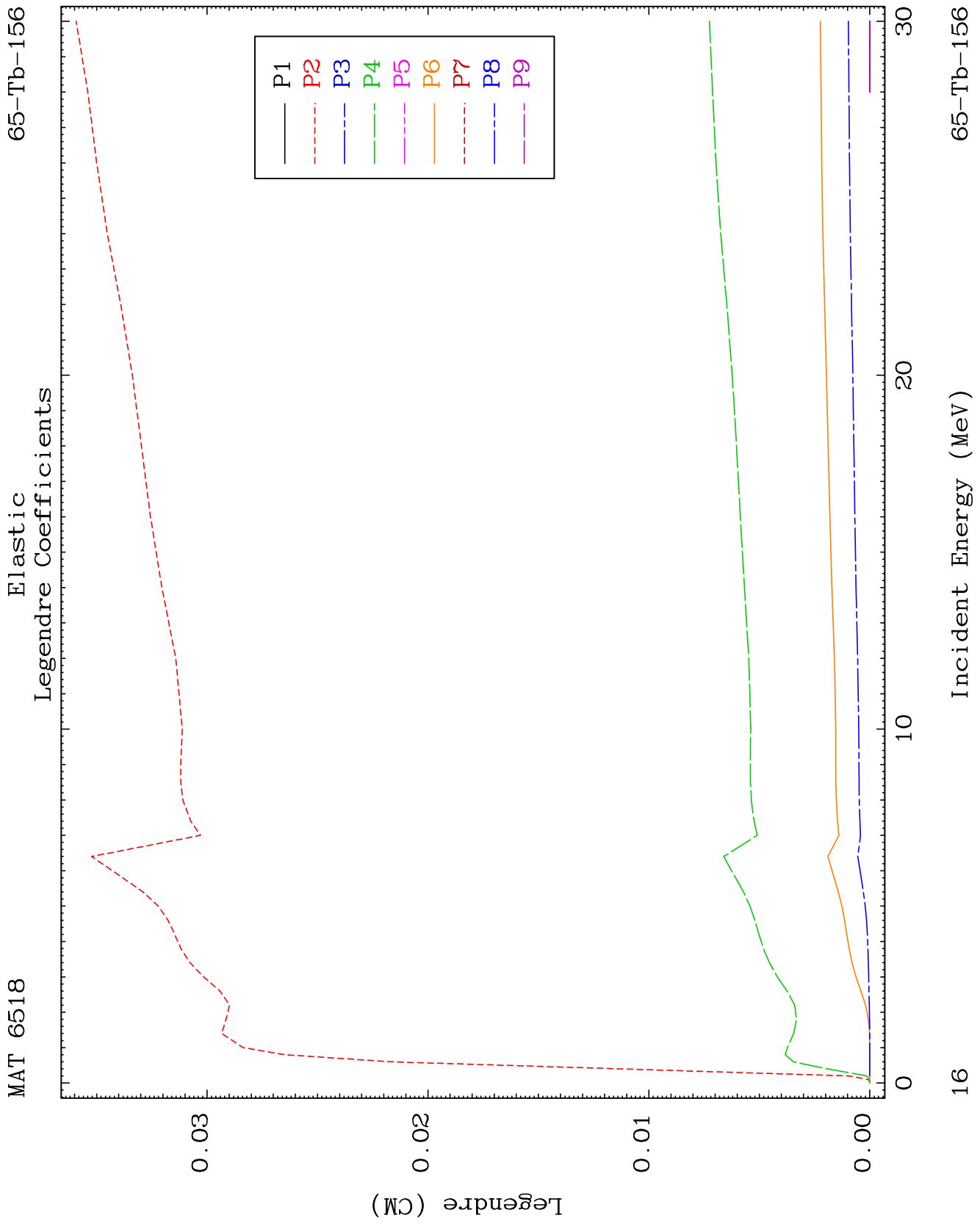
MAT 6518

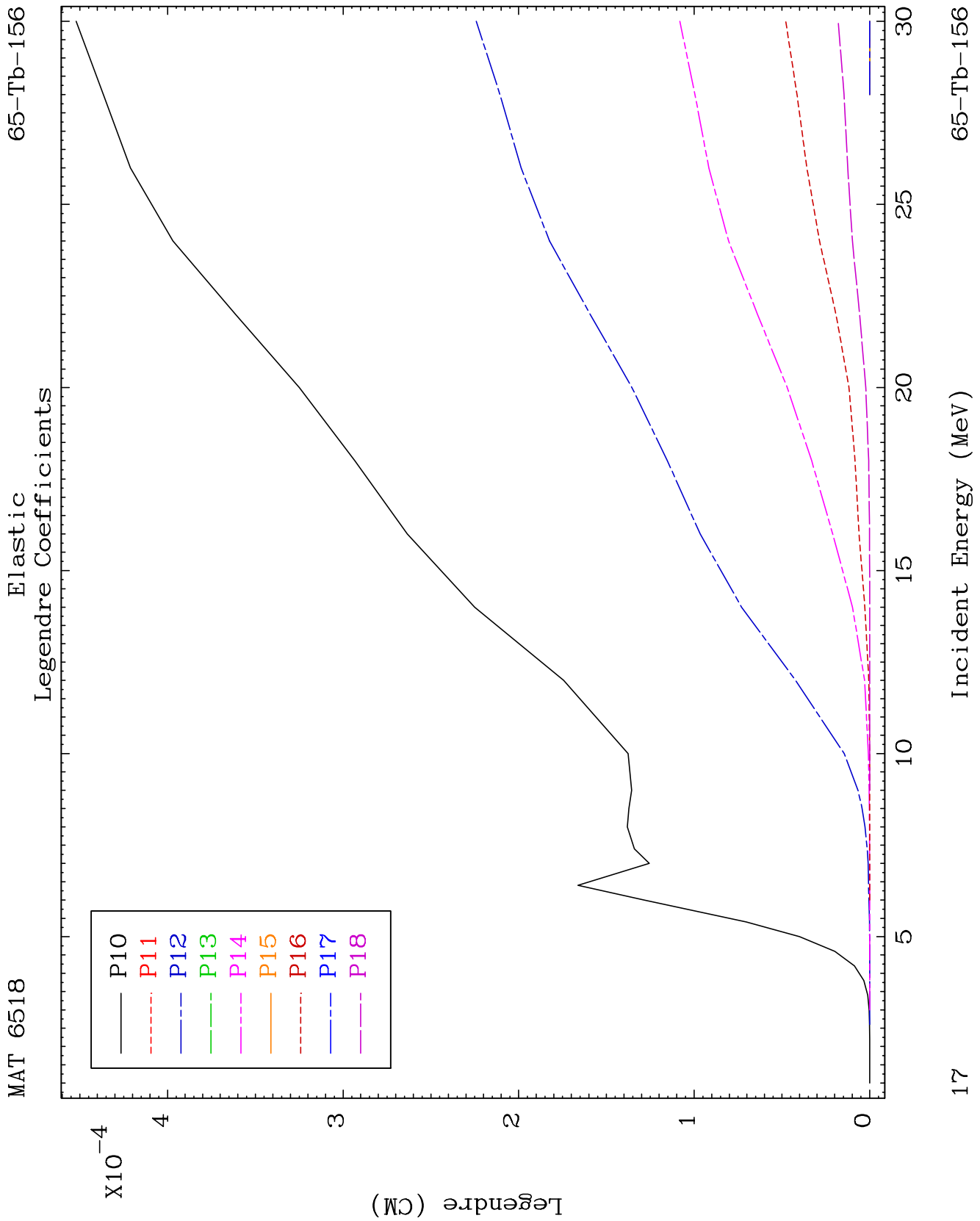
(n,α) Levels
293 Kelvin Cross Sections

65-Tb-156





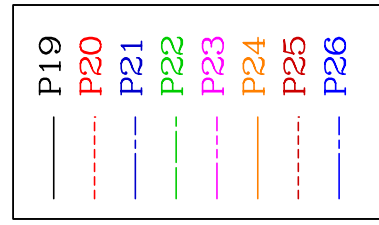




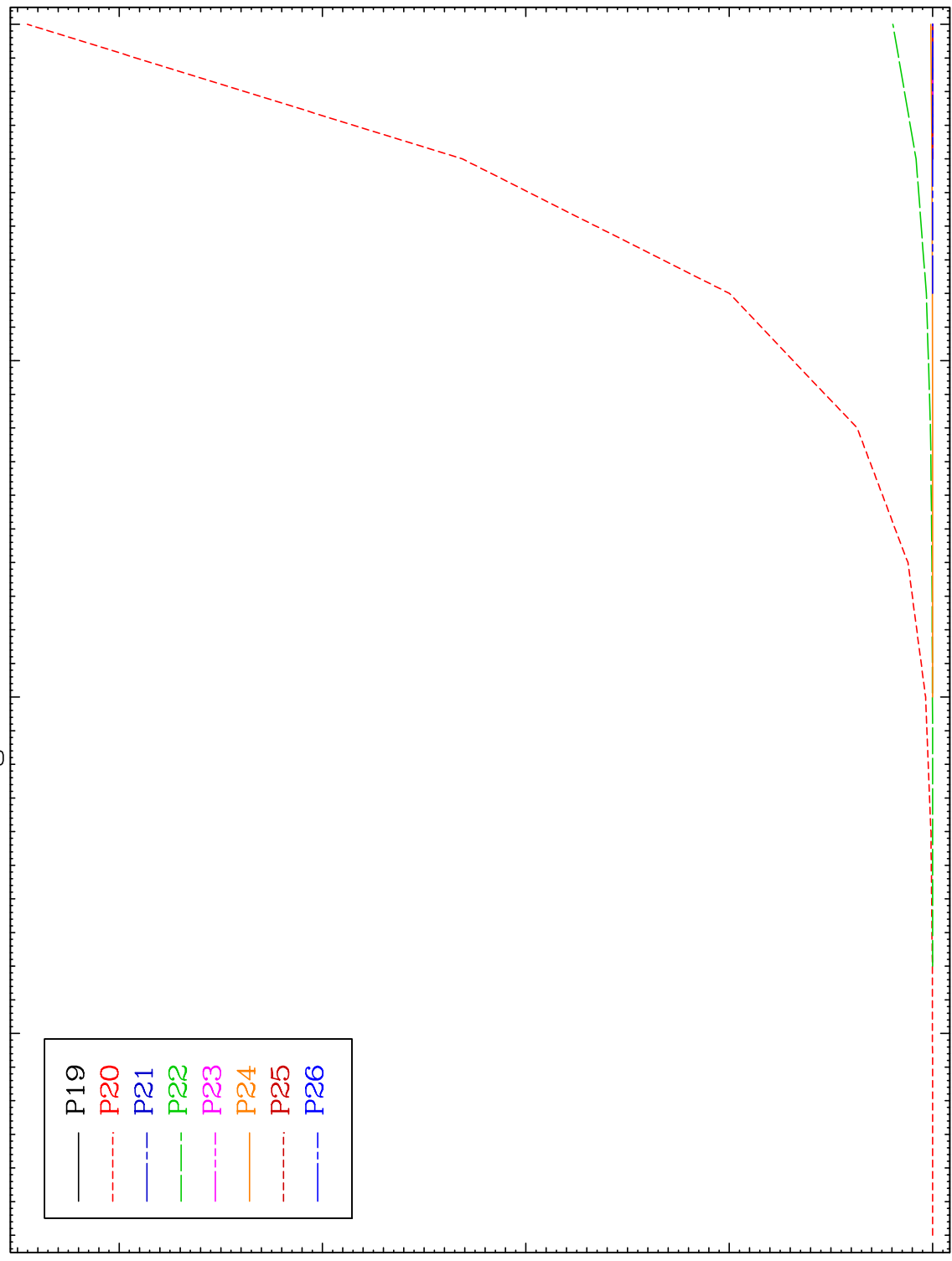
MAT 6518

Elastic
Legendre Coefficients

65-Tb-156



Legendre (CM)
 $\times 10^{-6}$



18

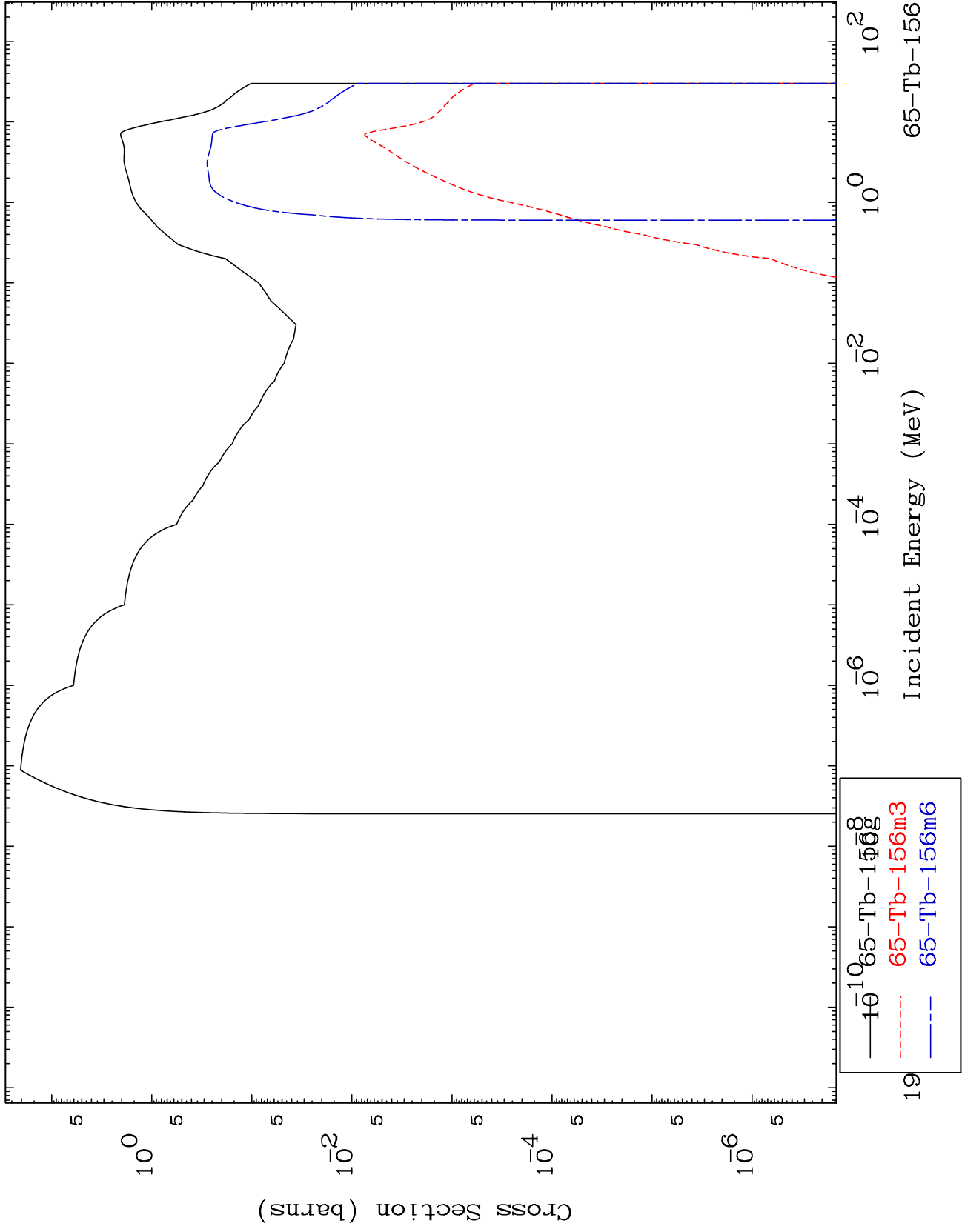
Incident Energy (MeV)

65-Tb-156

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Inelastic
Radionuclide Production Cross Section

65-Tb-156

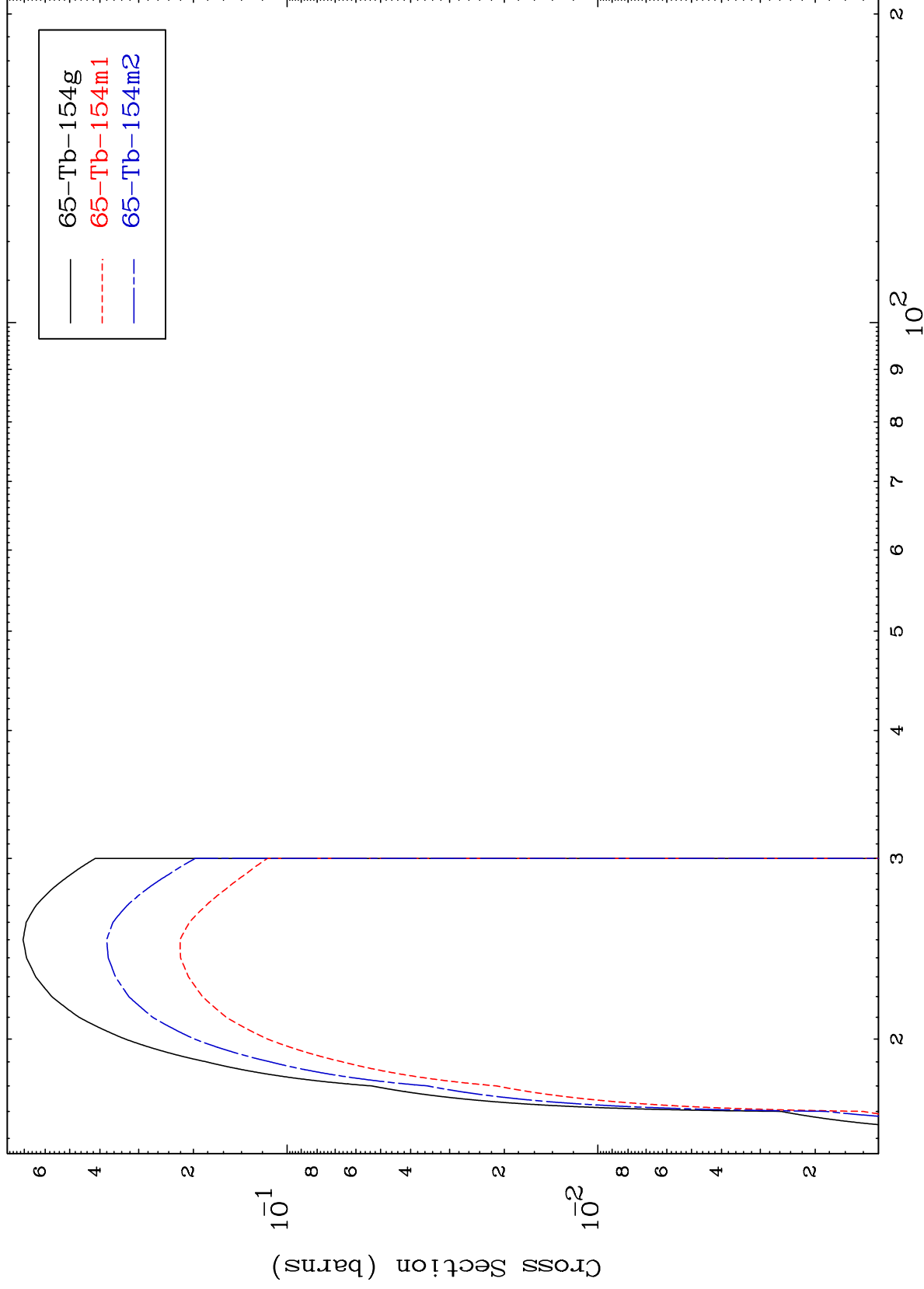


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(n,3n)

65-Tb-156

Radionuclide Production Cross Section



20

Incident Energy (MeV)

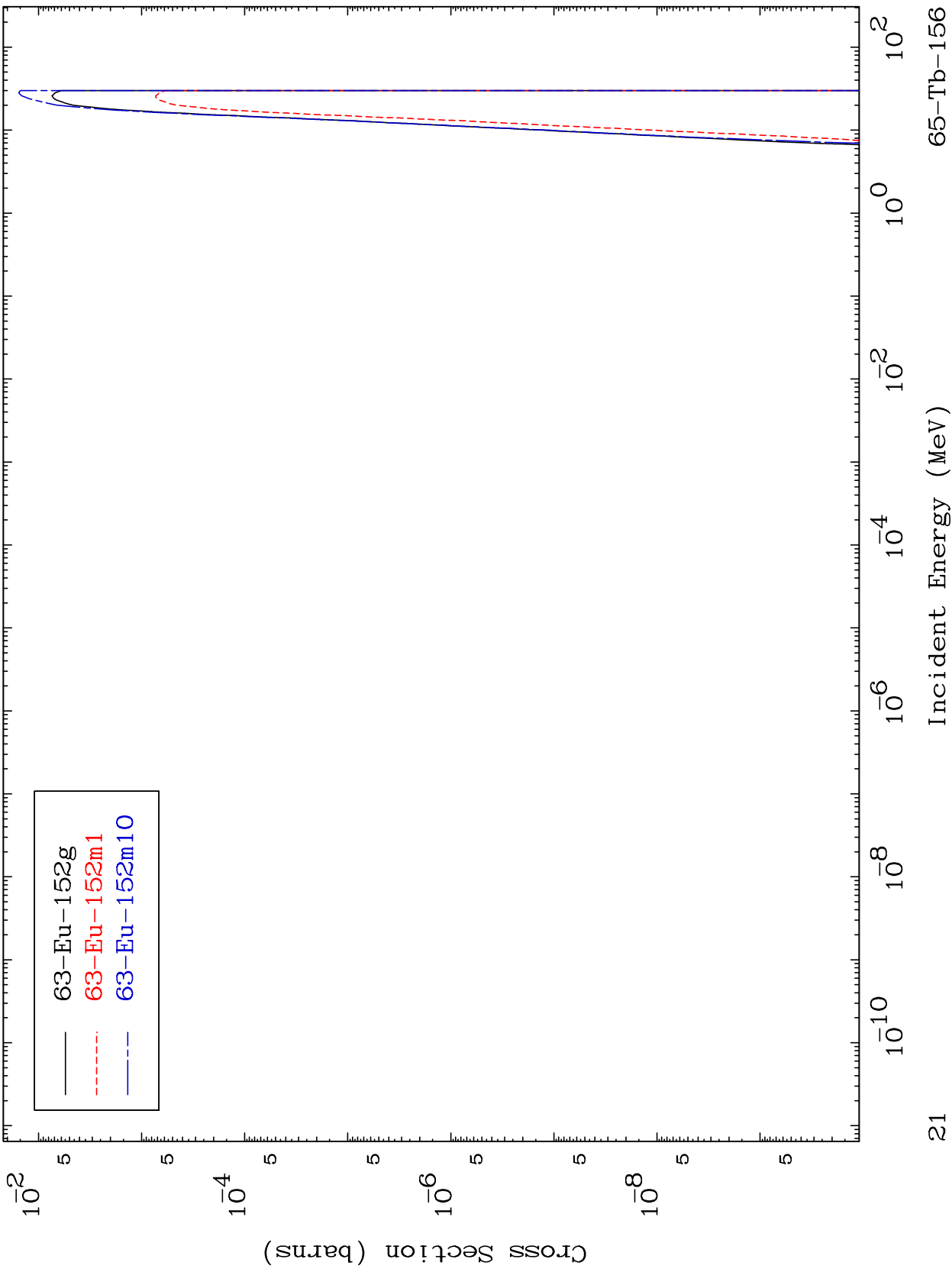
65-Tb-156

MAT 6518

$(n, n') \alpha$

65-Tb-156

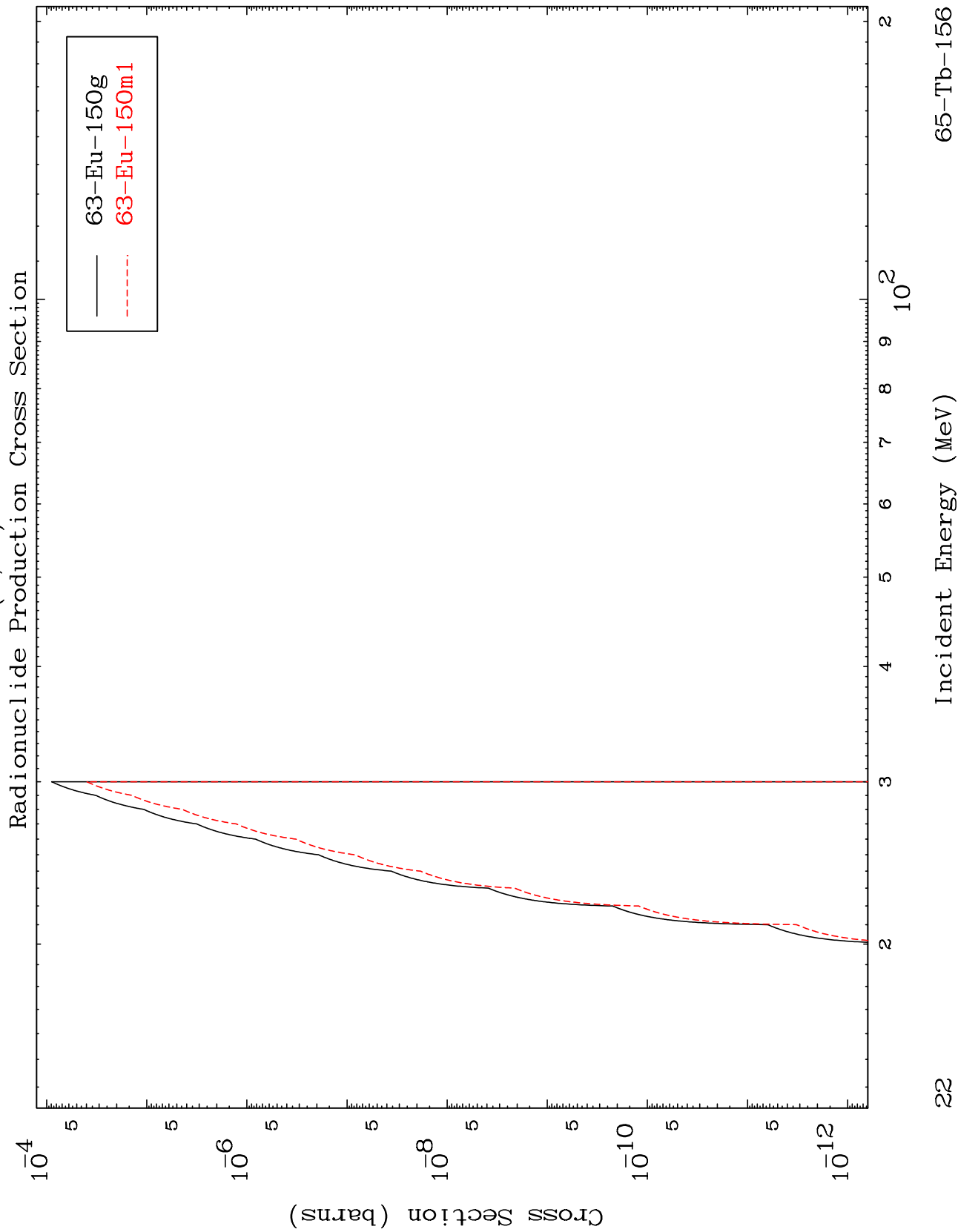
Radionuclide Production Cross Section



MAT 6518

(n,3n) α

65-Tb-156



22

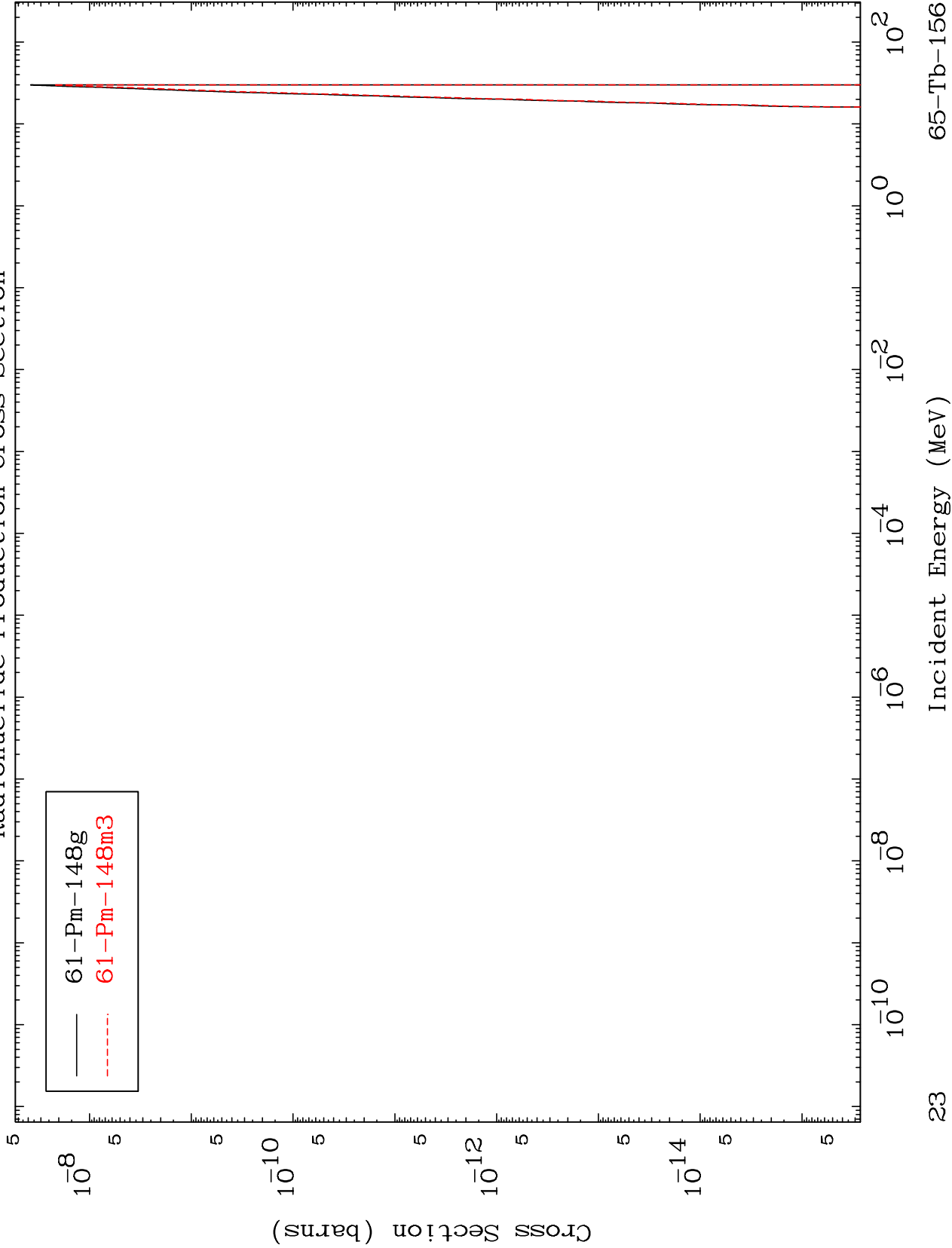
65-Tb-156

MAT 6518

(n,n') 2α

65-Tb-156

Radionuclide Production Cross Section

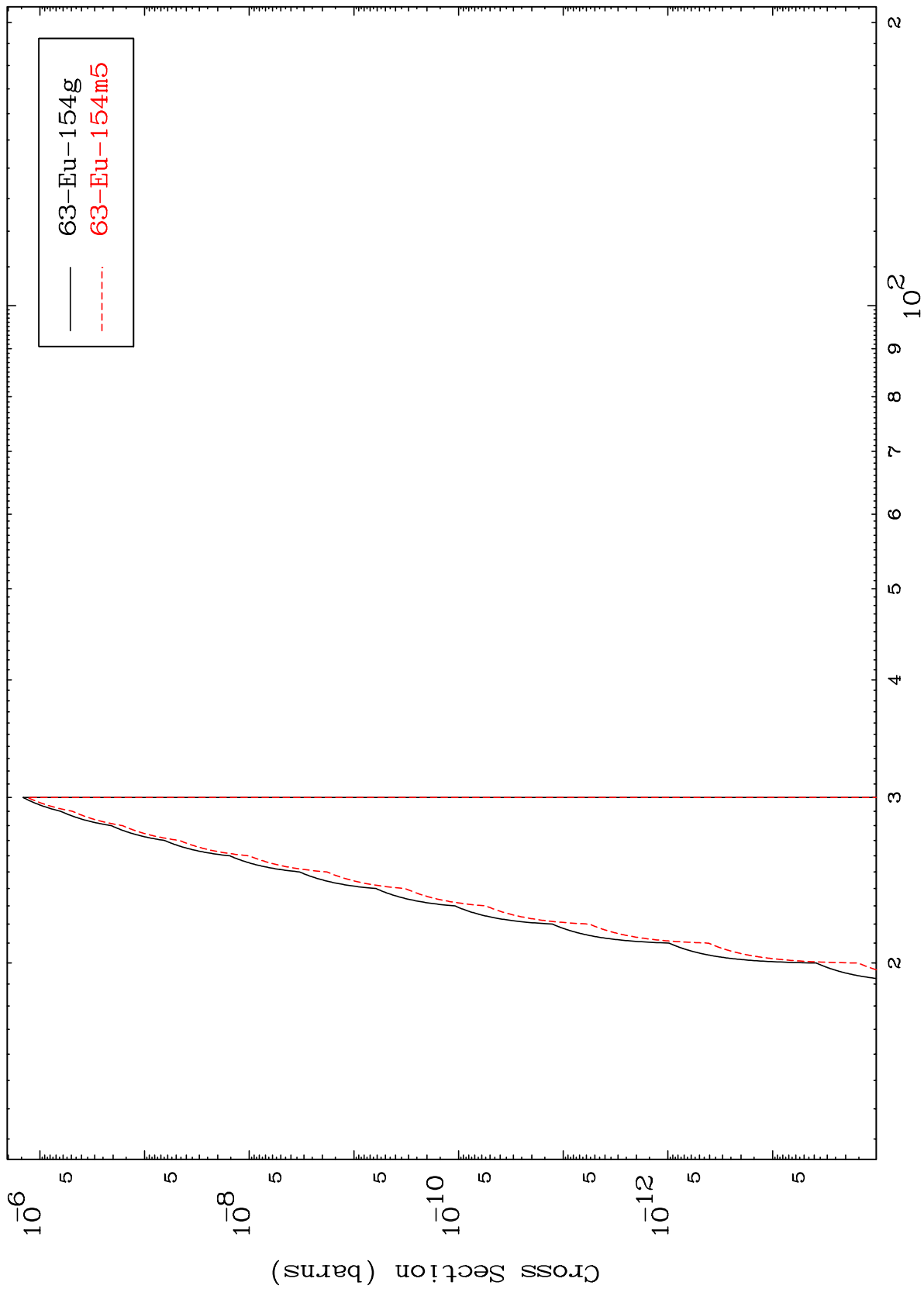


MAT 6518

(n,2n) p

65-Tb-156

Radionuclide Production Cross Section



24

Incident Energy (MeV)

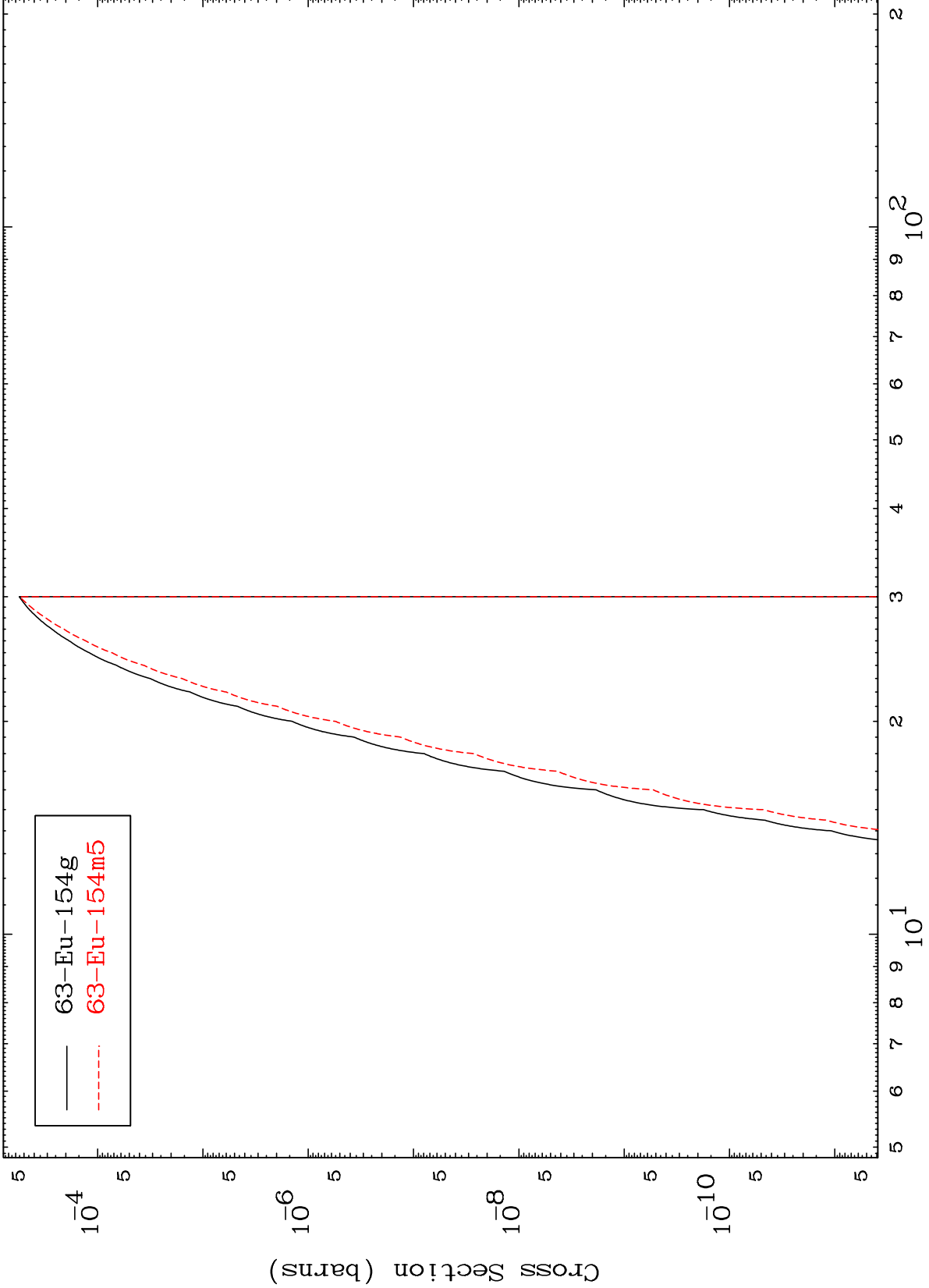
65-Tb-156

MAT 6518

(n,He-3)

65-Tb-156

Radionuclide Production Cross Section



63-Eu-154g
63-Eu-154m5

25

Incident Energy (MeV)

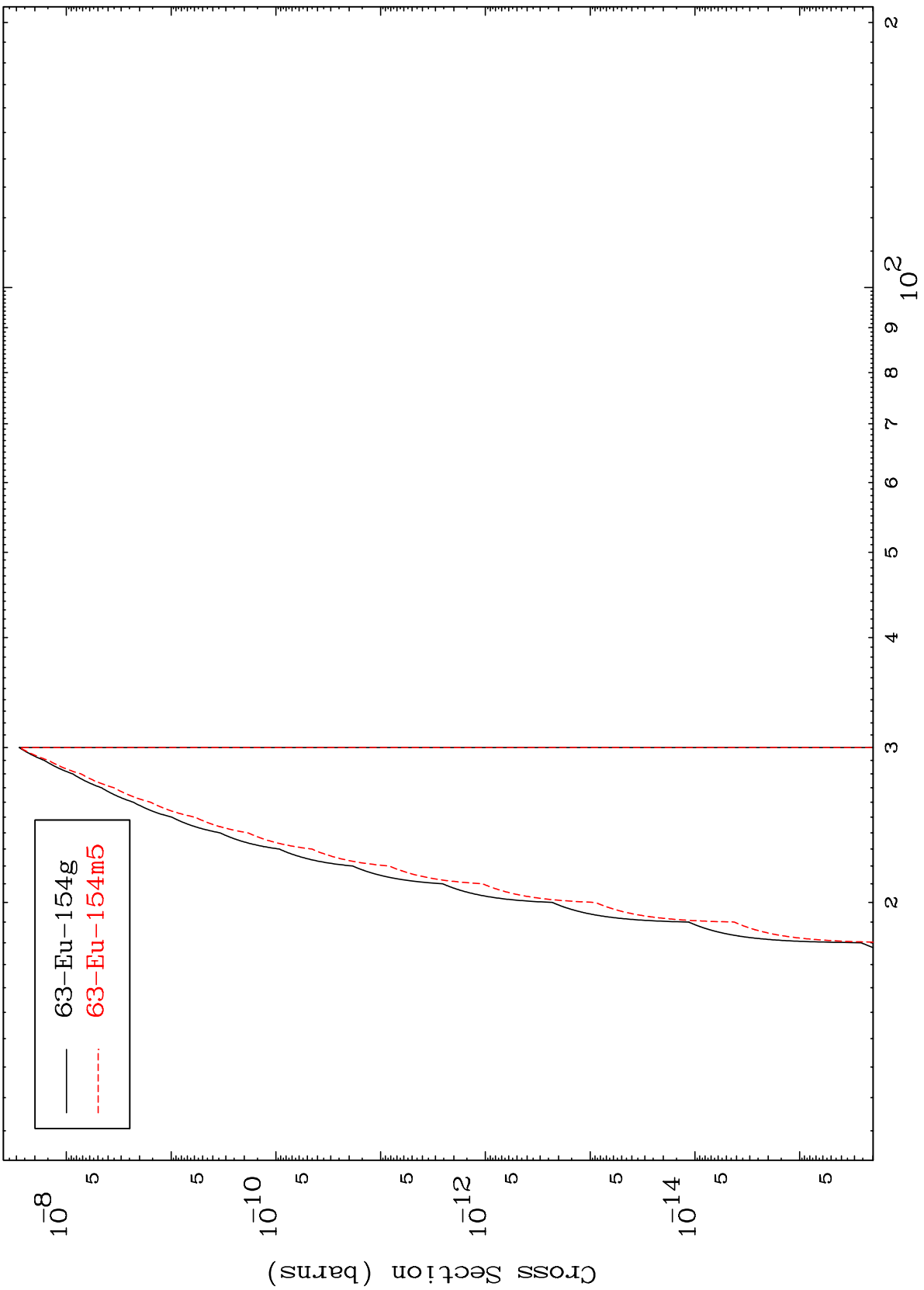
65-Tb-156

MAT 6518

(n,p) d

65-Tb-156

Radionuclide Production Cross Section



26

Incident Energy (MeV)

65-Tb-156