

Program EVALPLOT
(Version 2021-1)

by

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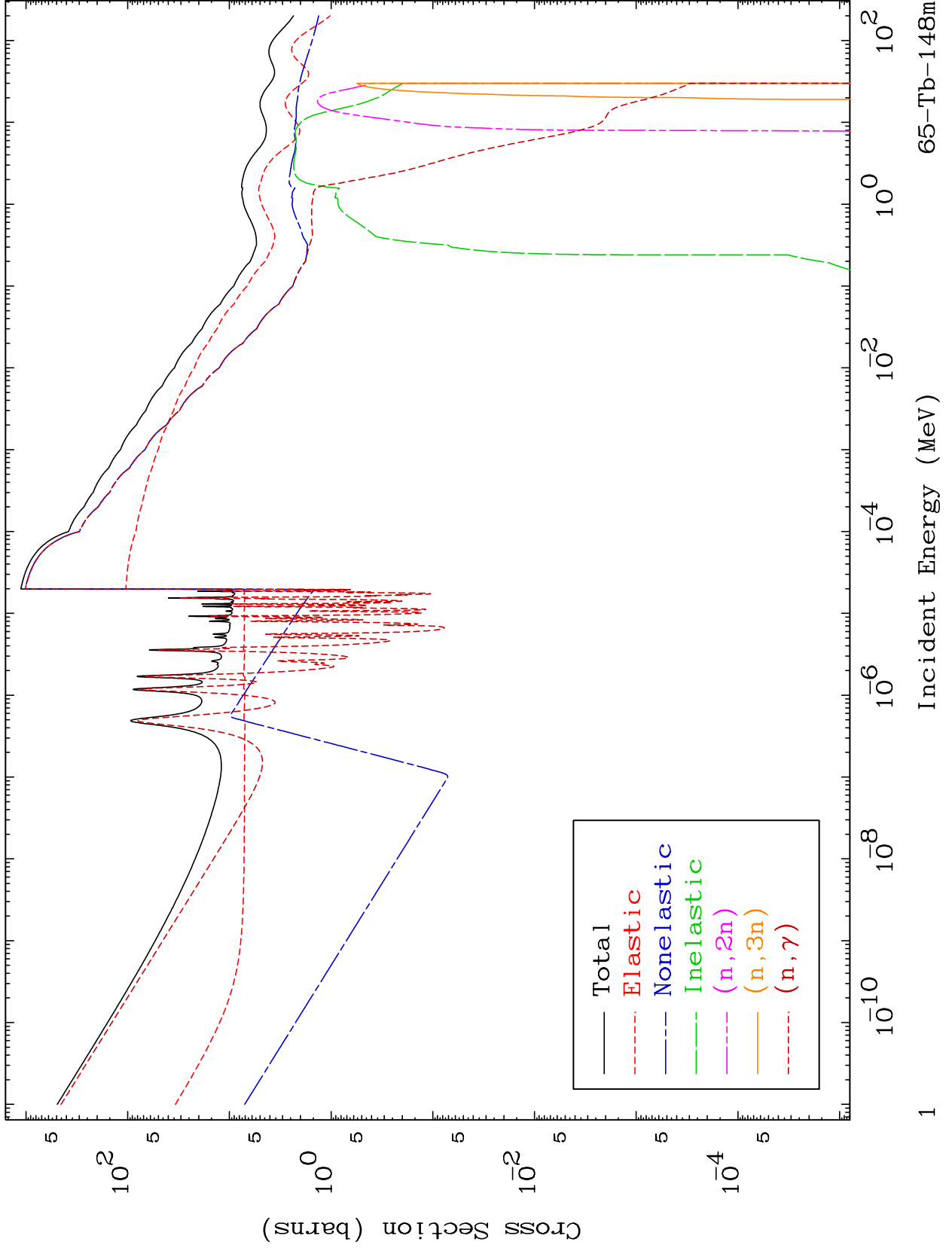
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6493

Neutron Major
293 Kelvin Cross Sections

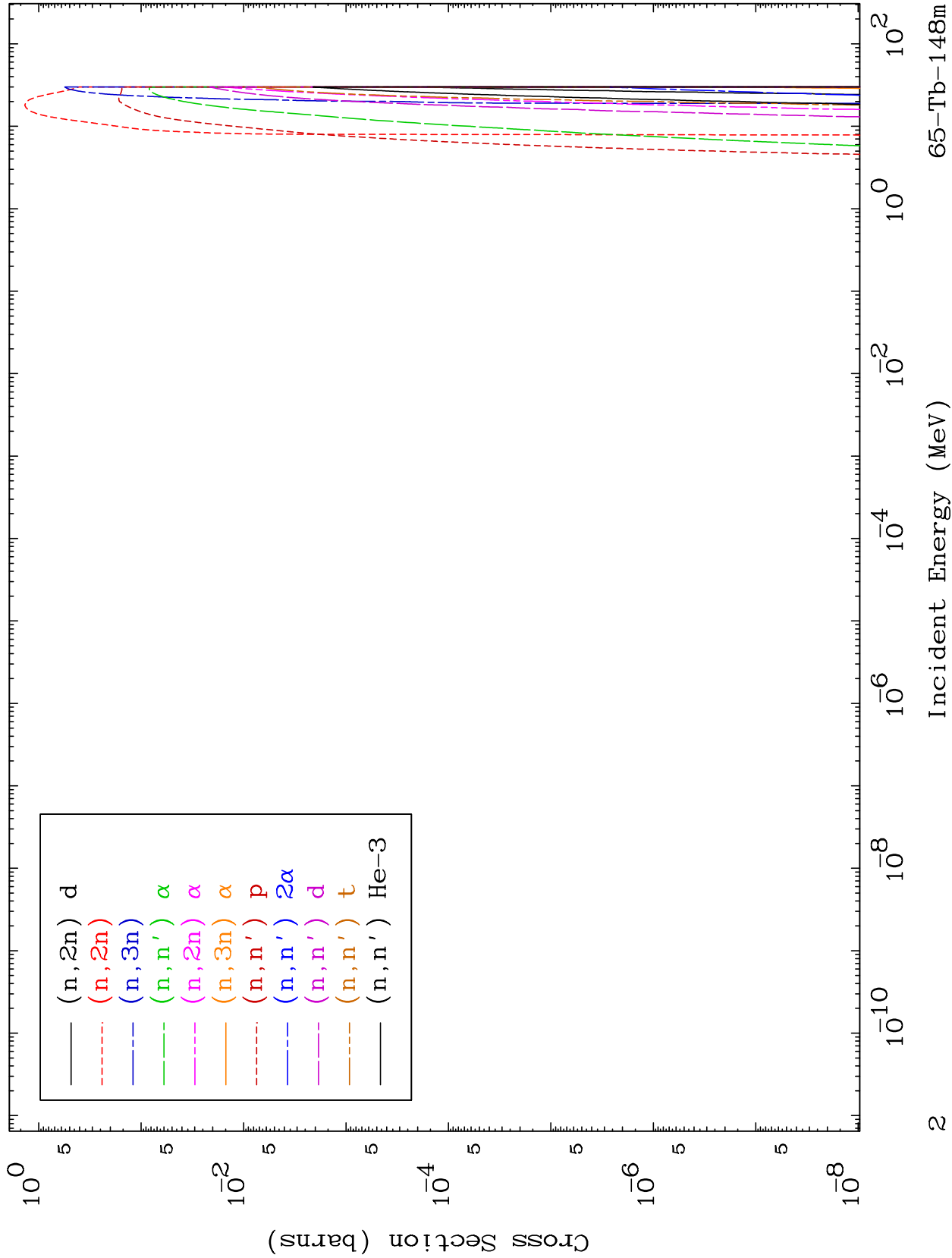
65-Tb-148m



MAT 6493

Neutron Absorption
293 Kelvin Cross Sections

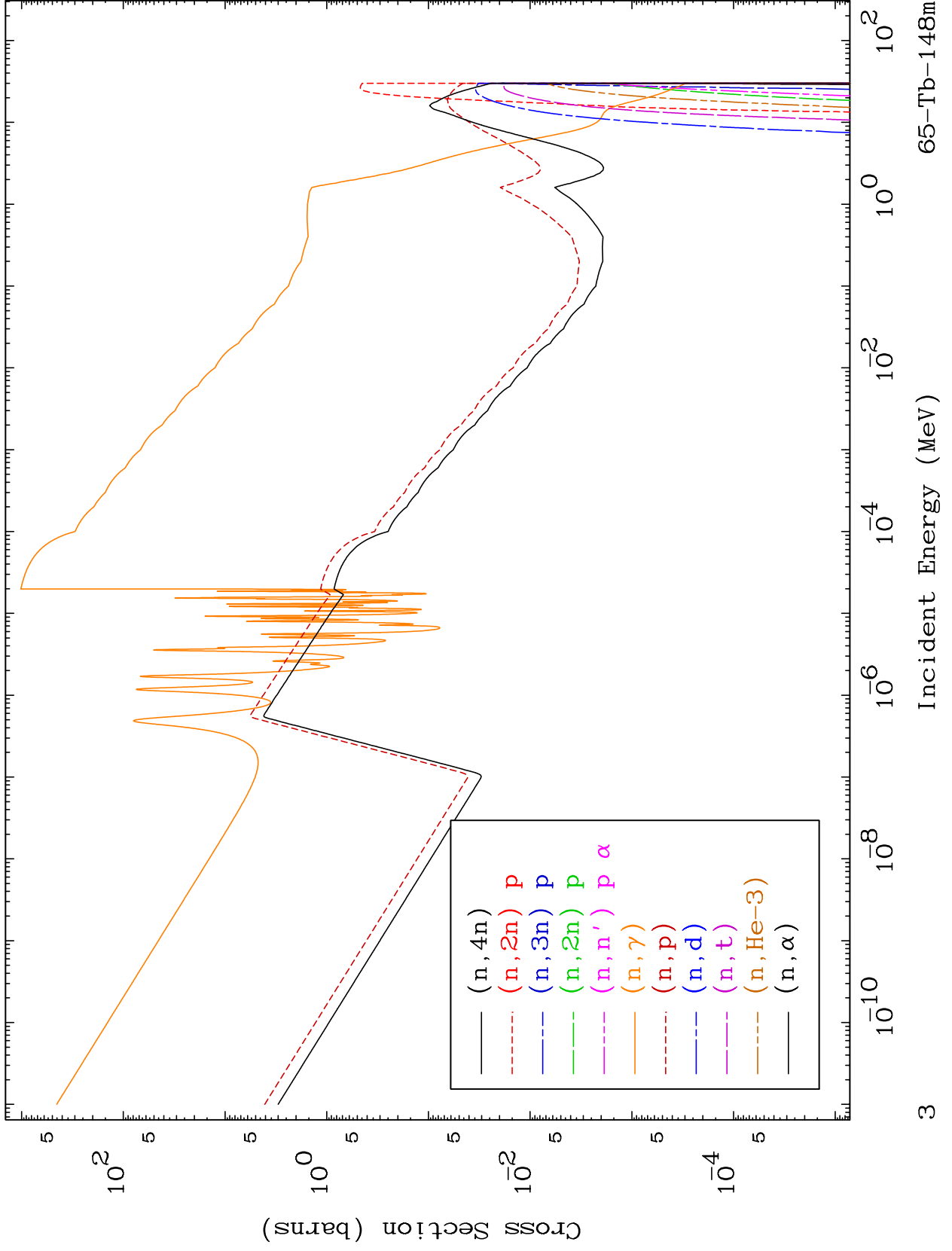
65-Tb-148m



MAT 6493

Neutron Absorption
293 Kelvin Cross Sections

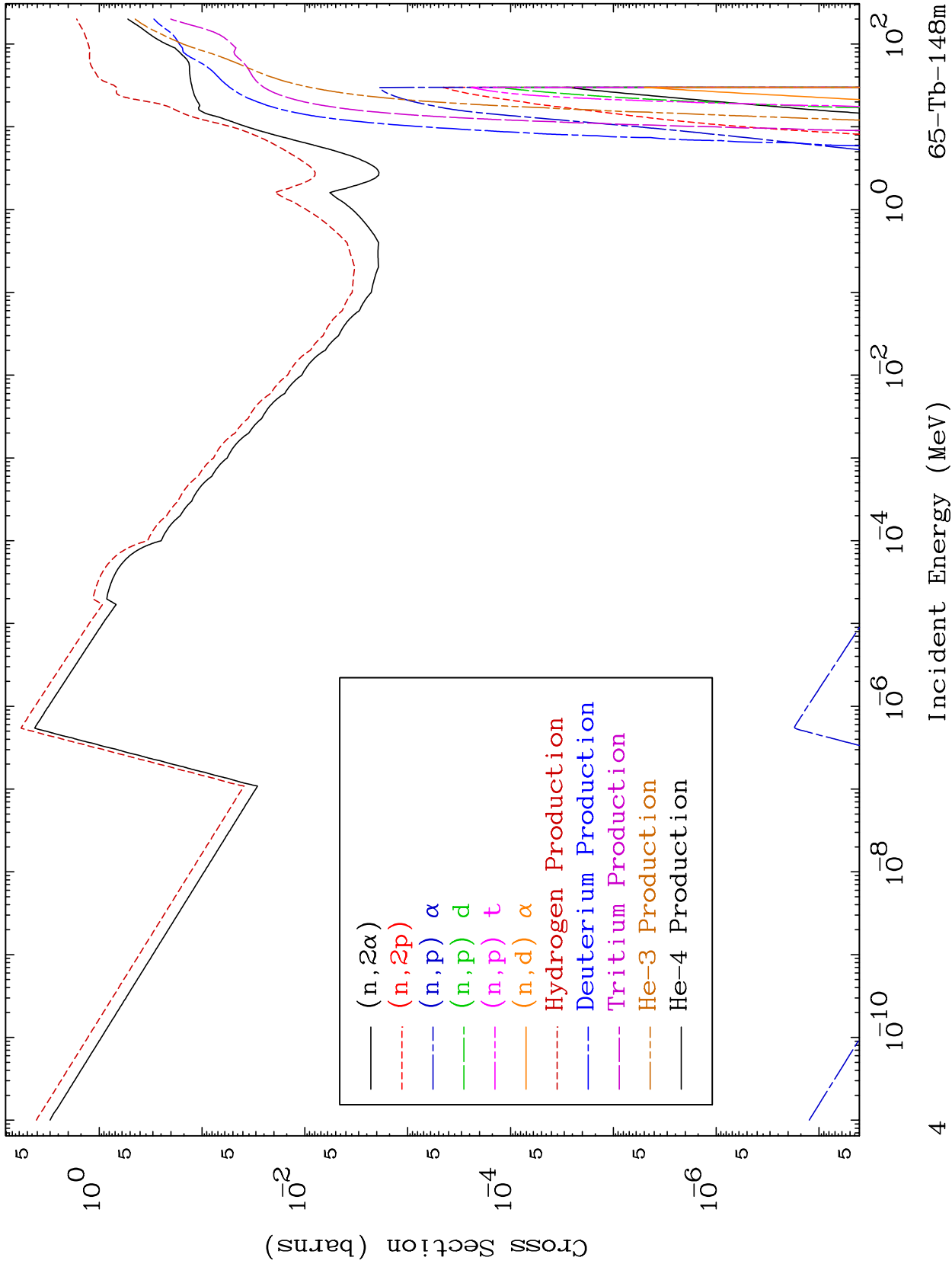
65-Tb-148m



MAT 6493

Neutron Absorption
293 Kelvin Cross Sections

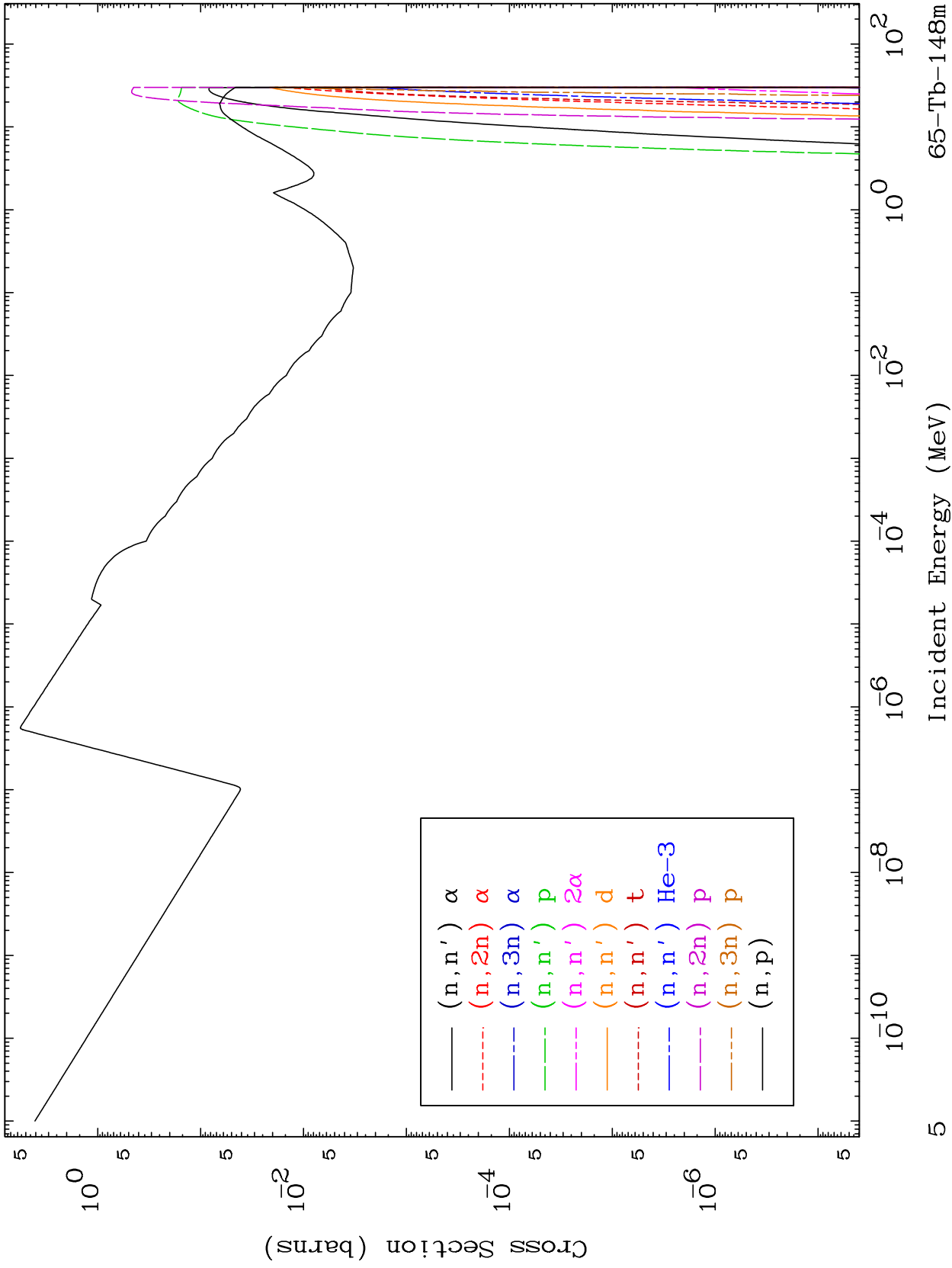
65-Tb-148m



MAT 6493

Charged Particle
293 Kelvin Cross Sections

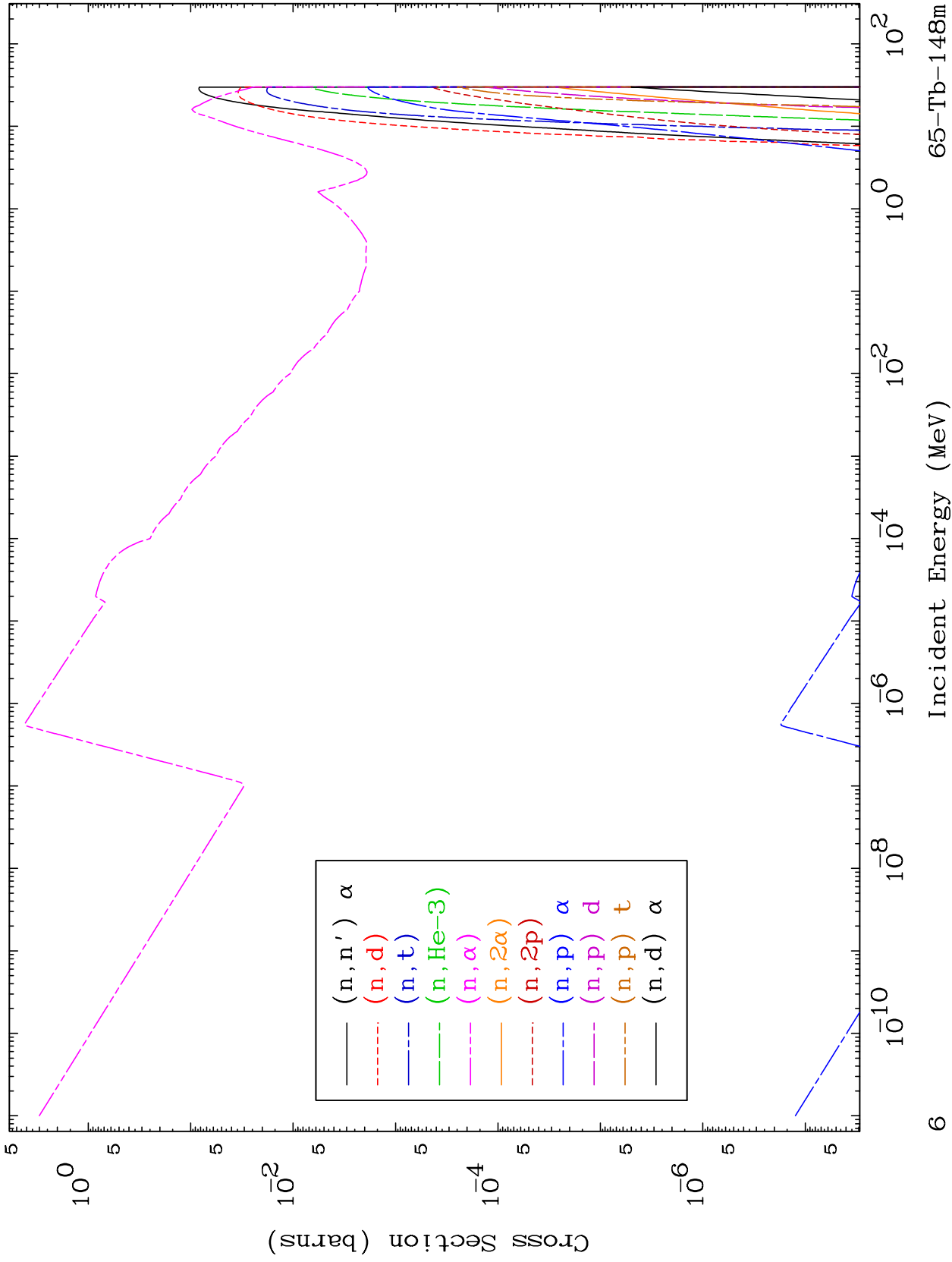
65-Tb-148m



MAT 6493

Charged Particle
293 Kelvin Cross Sections

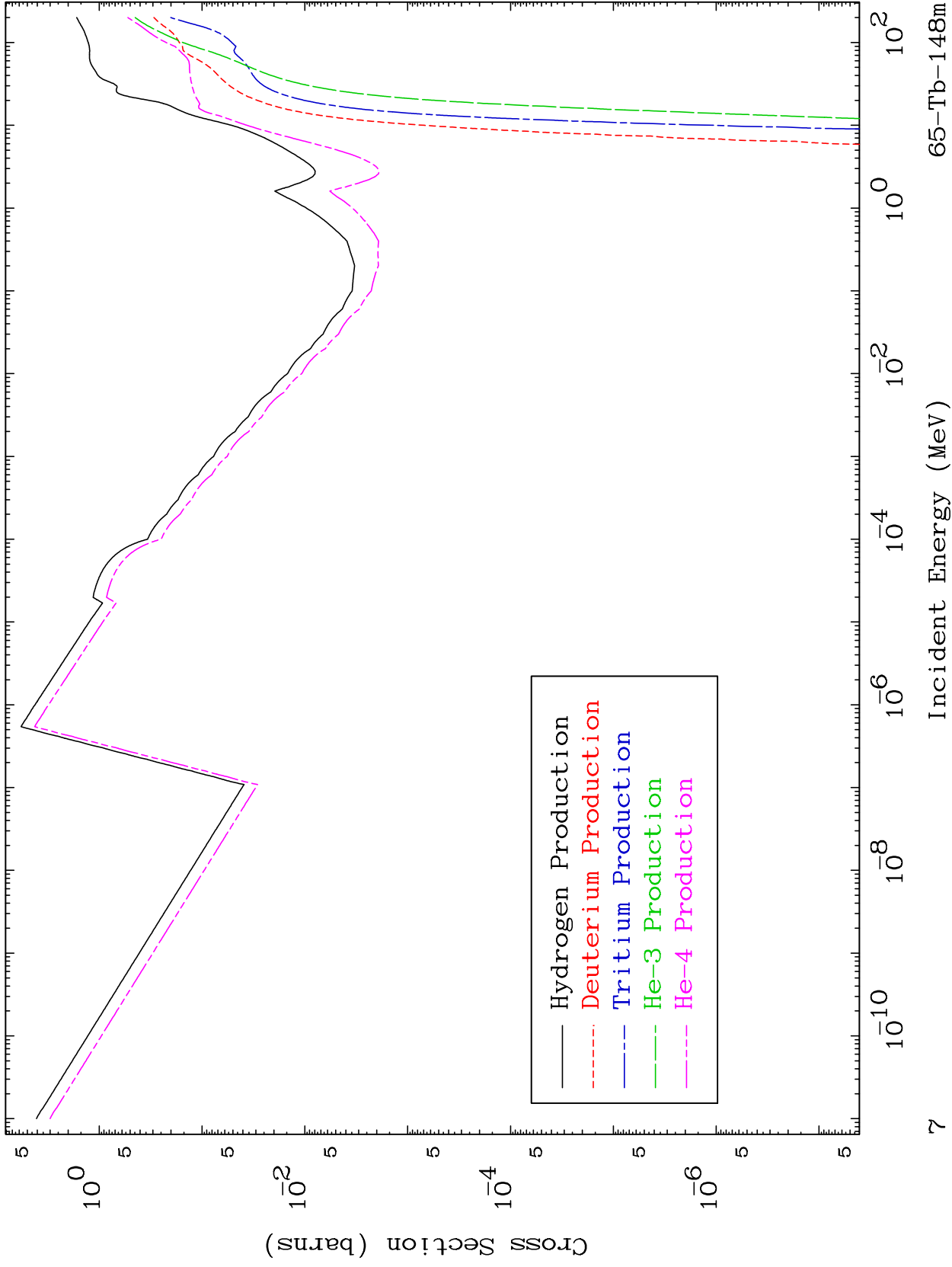
65-Tb-148m



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Particle Production
293 Kelvin Cross Sections

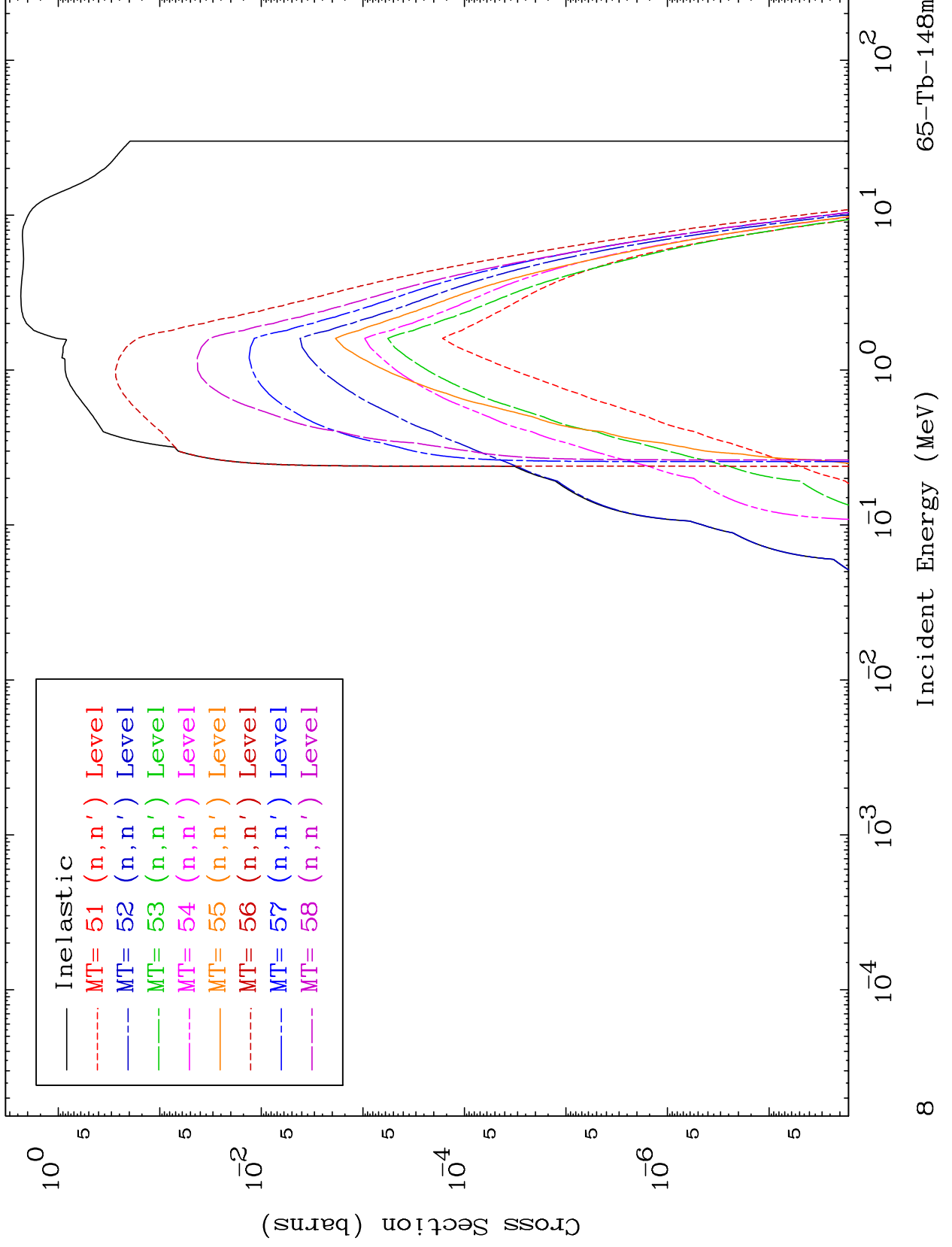
65-Tb-148m



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(n,n') Levels
293 Kelvin Cross Sections

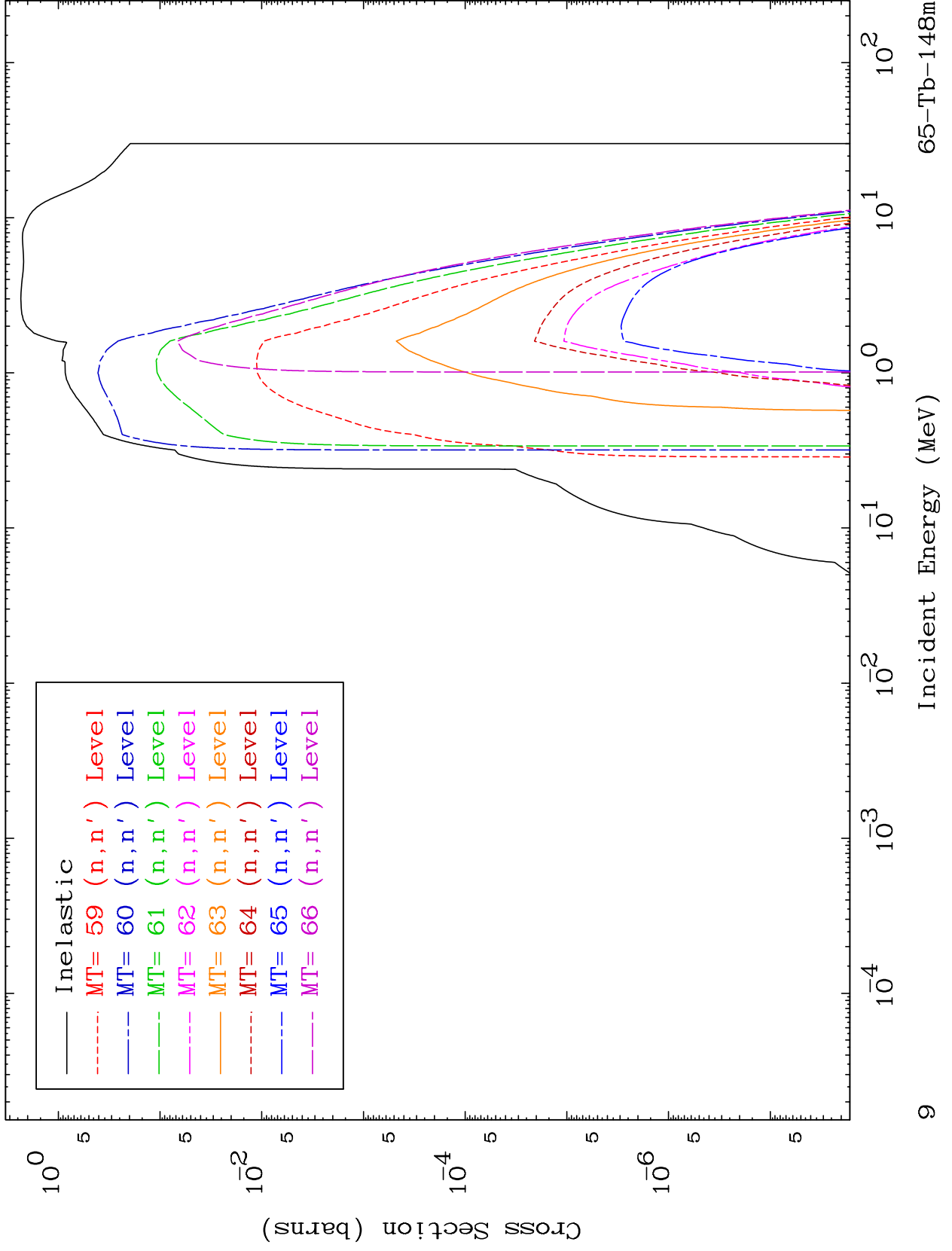
65-Tb-148m



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293 Kelvin Cross Sections
(n,n') Levels

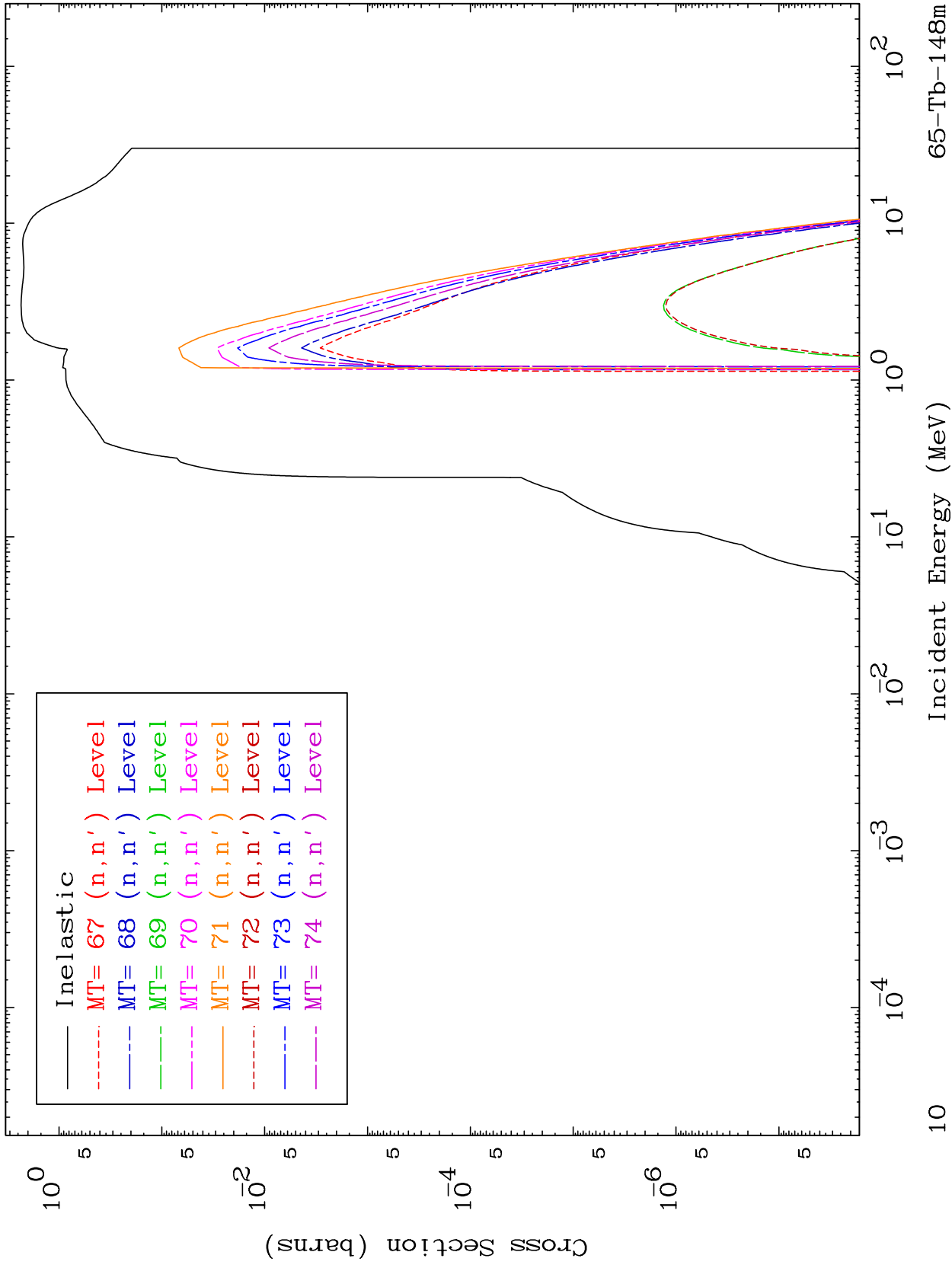
65-Tb-148m



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(n,n') Levels
293 Kelvin Cross Sections

65-Tb-148m



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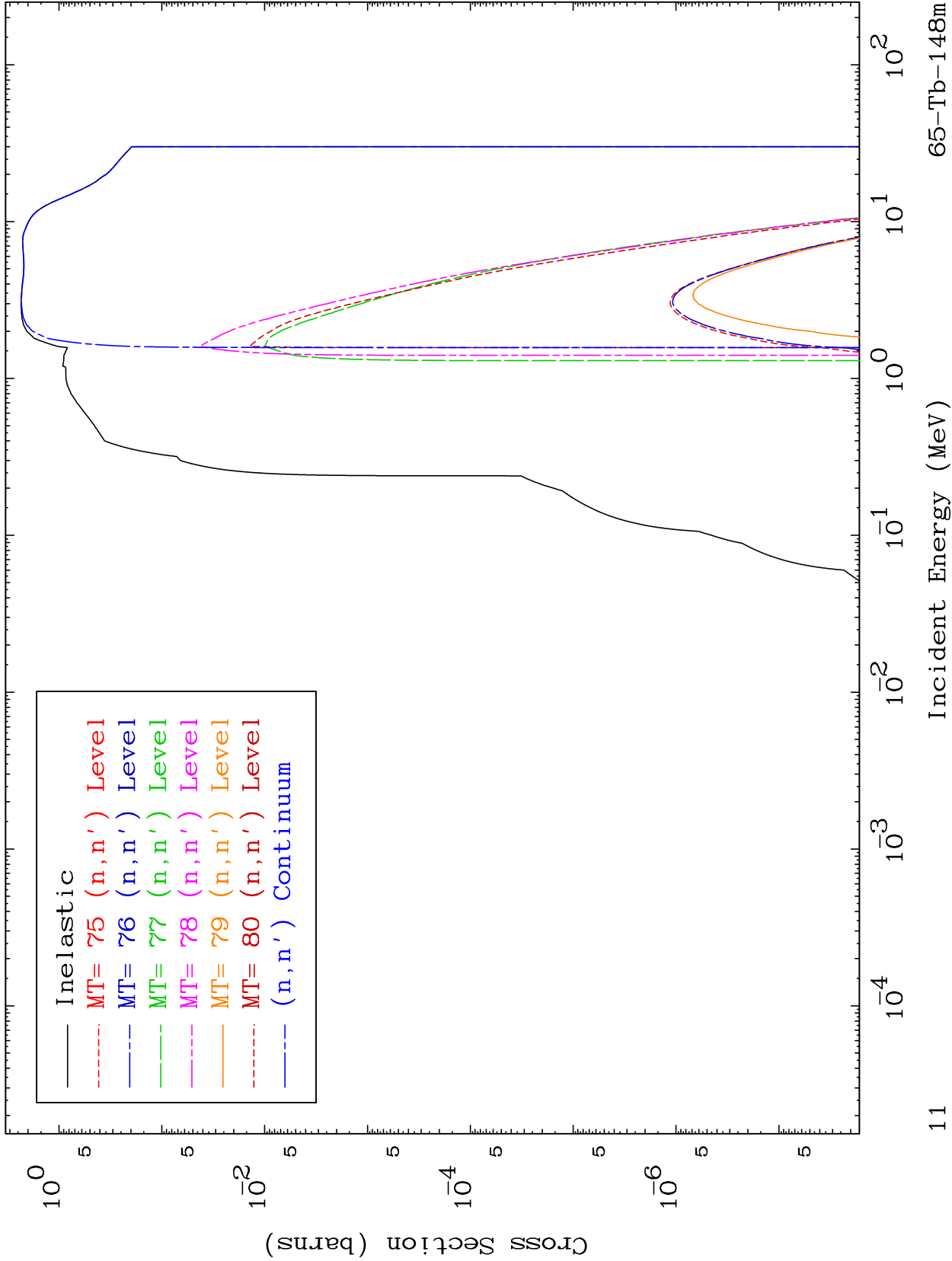
Incident Energy (MeV)

65-Tb-148m

MAT 6493

(n,n') Levels
293 Kelvin Cross Sections

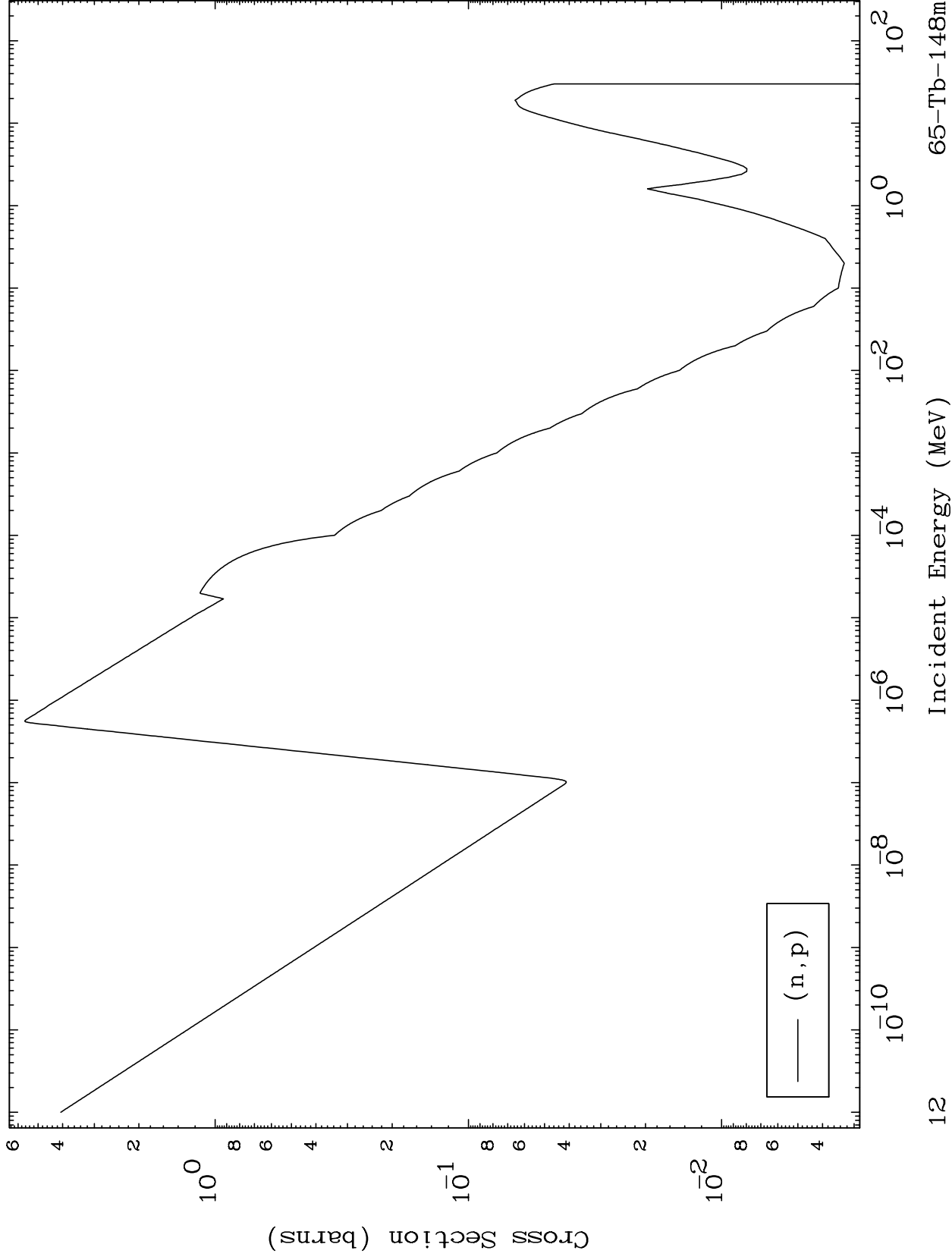
65-Tb-148m



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(n,p) Levels
293 Kelvin Cross Sections

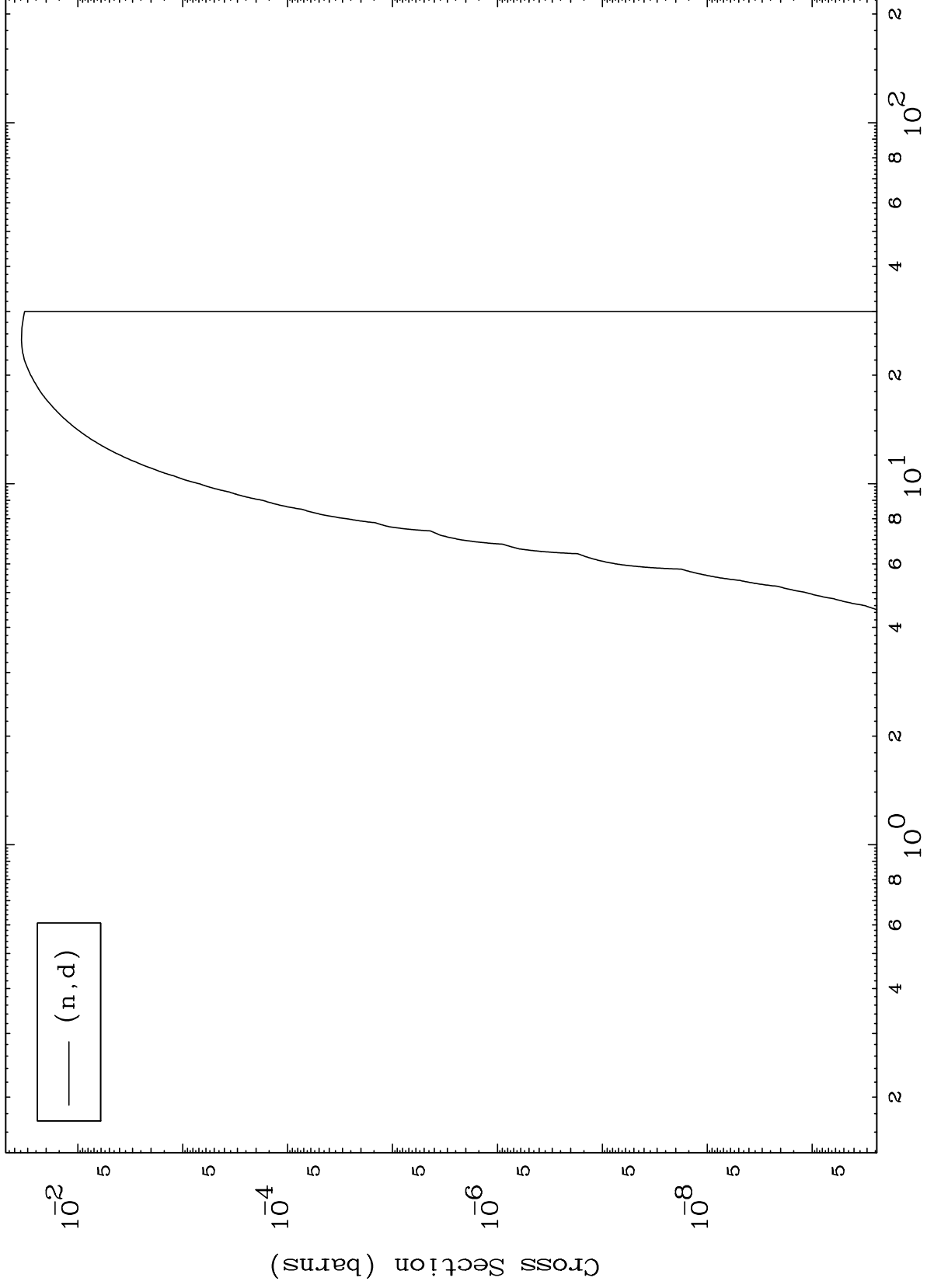
65-Tb-148m



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(n,d) Levels
293 Kelvin Cross Sections

65-Tb-148m



13

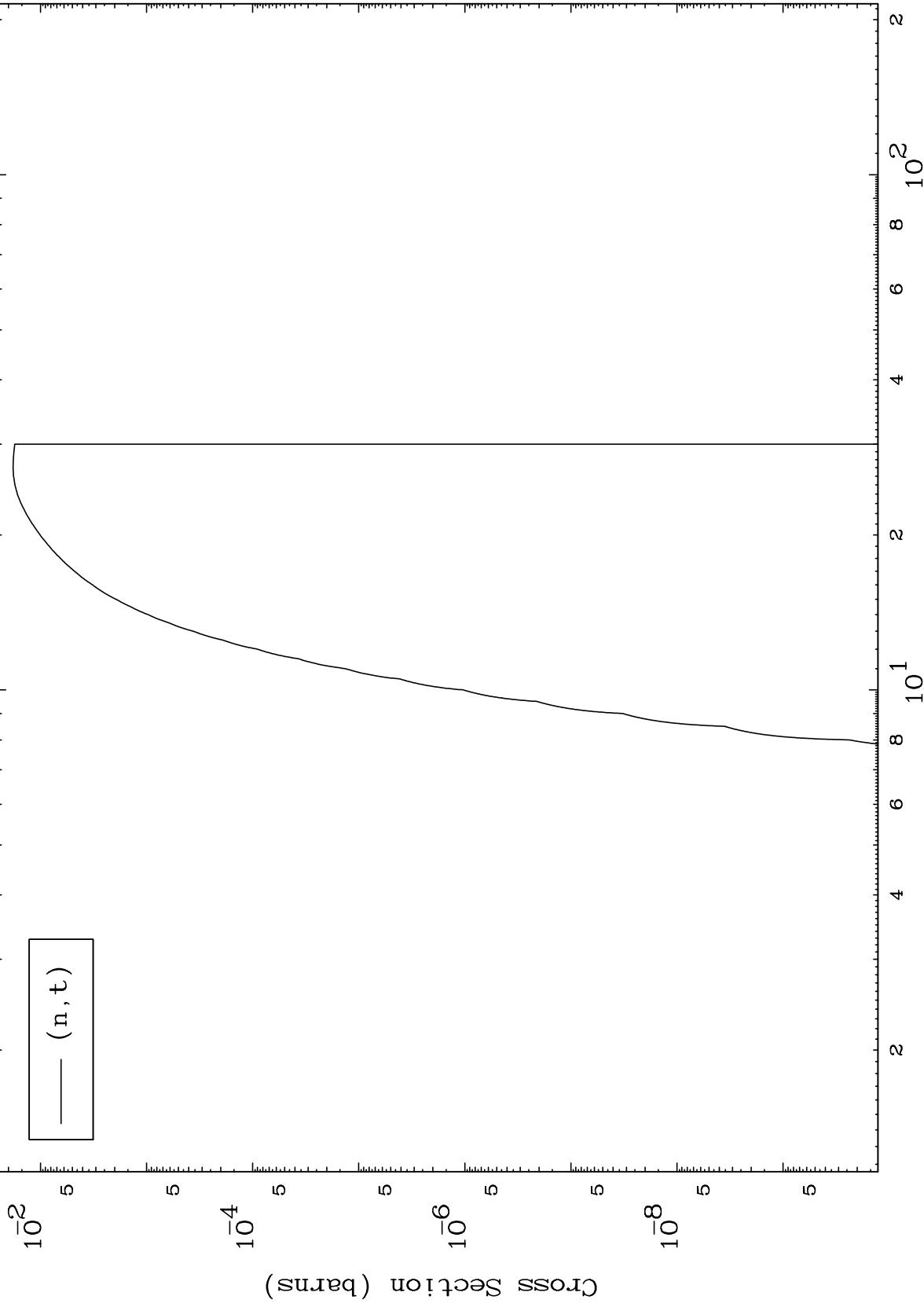
Incident Energy (MeV)

65-Tb-148m

MAT 6493

(n,t) Levels
293 Kelvin Cross Sections

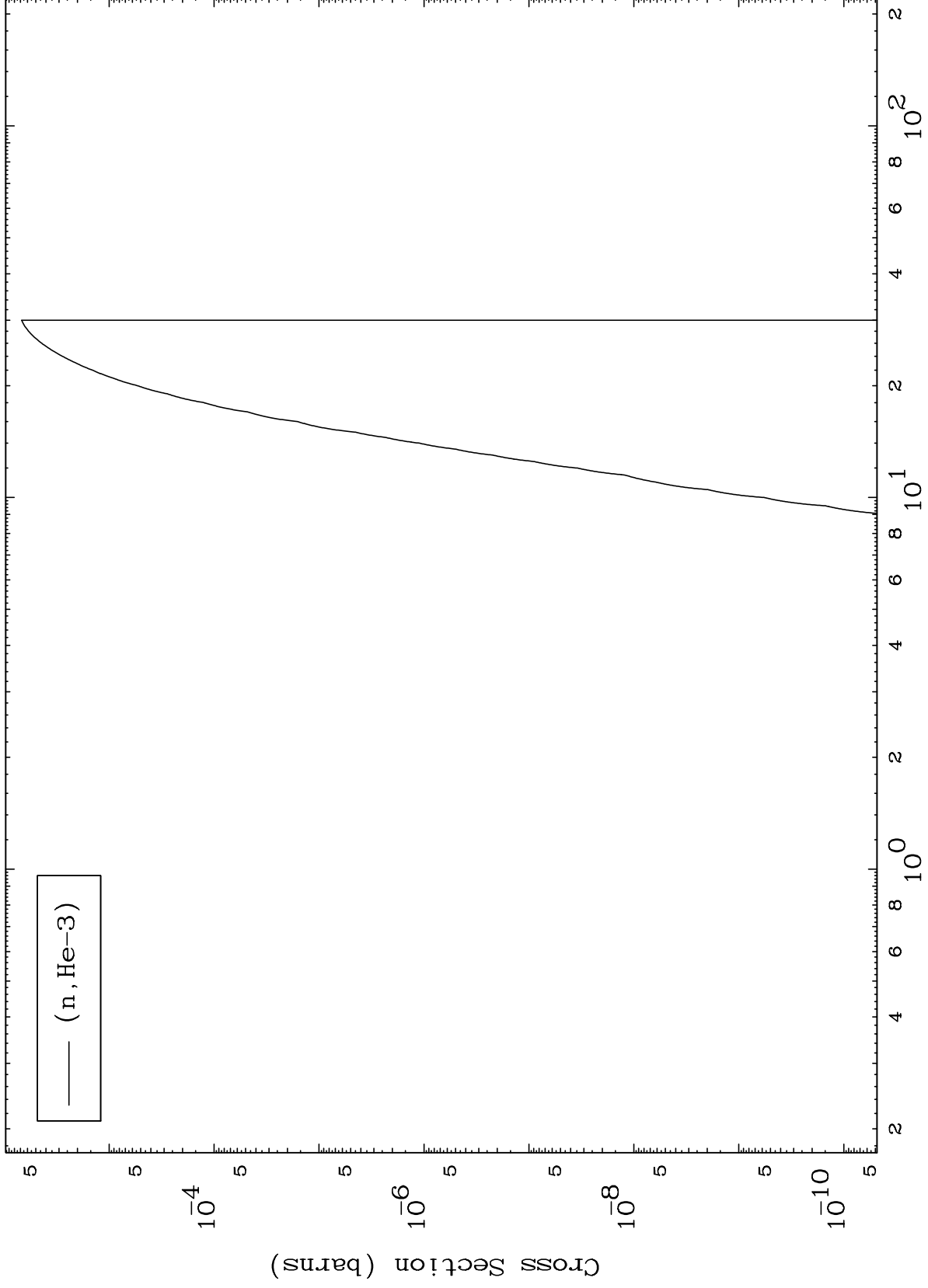
65-Tb-148m



MAT 6493

(n,He3) Levels
293 Kelvin Cross Sections

65-Tb-148m



15

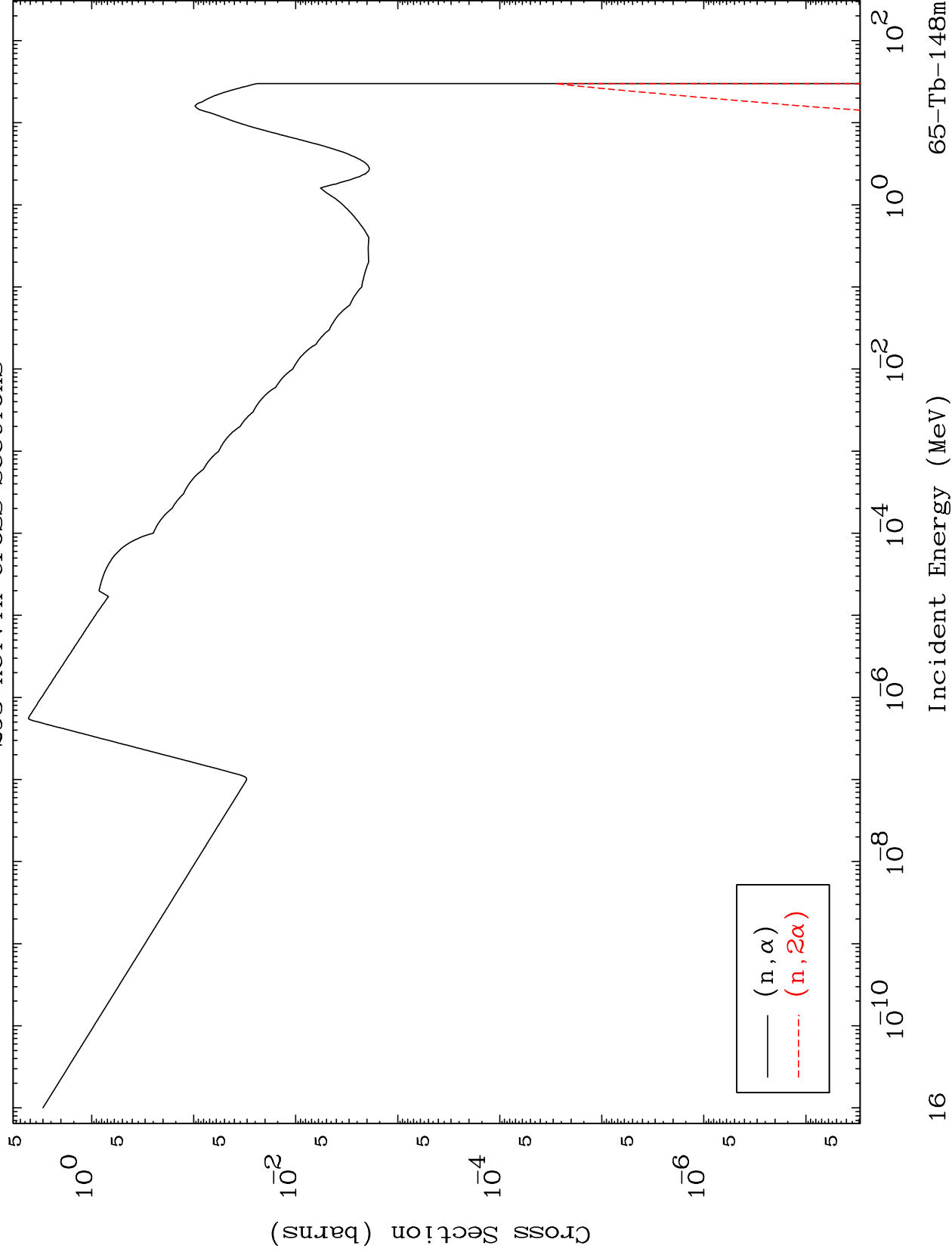
Incident Energy (MeV)

65-Tb-148m

MAT 6493

(n, α) Levels
293 Kelvin Cross Sections

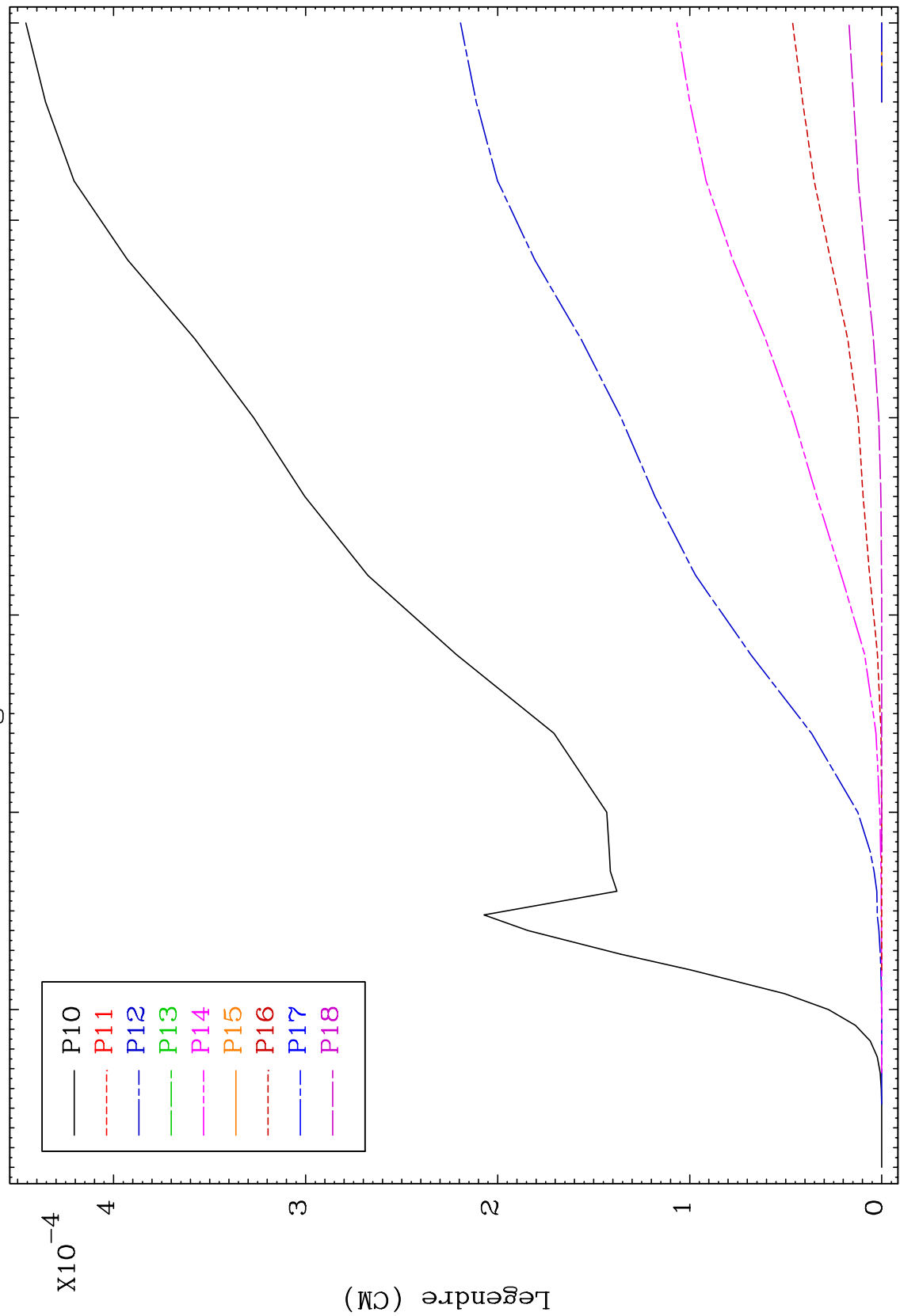
65-Tb-148m



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Elastic Legendre Coefficients

65-Tb-148m



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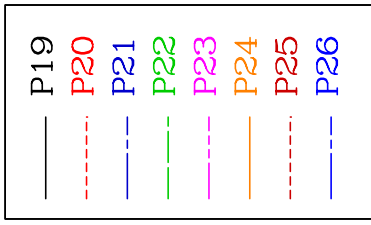
Incident Energy (MeV)

65-Tb-148m

MAT 6493

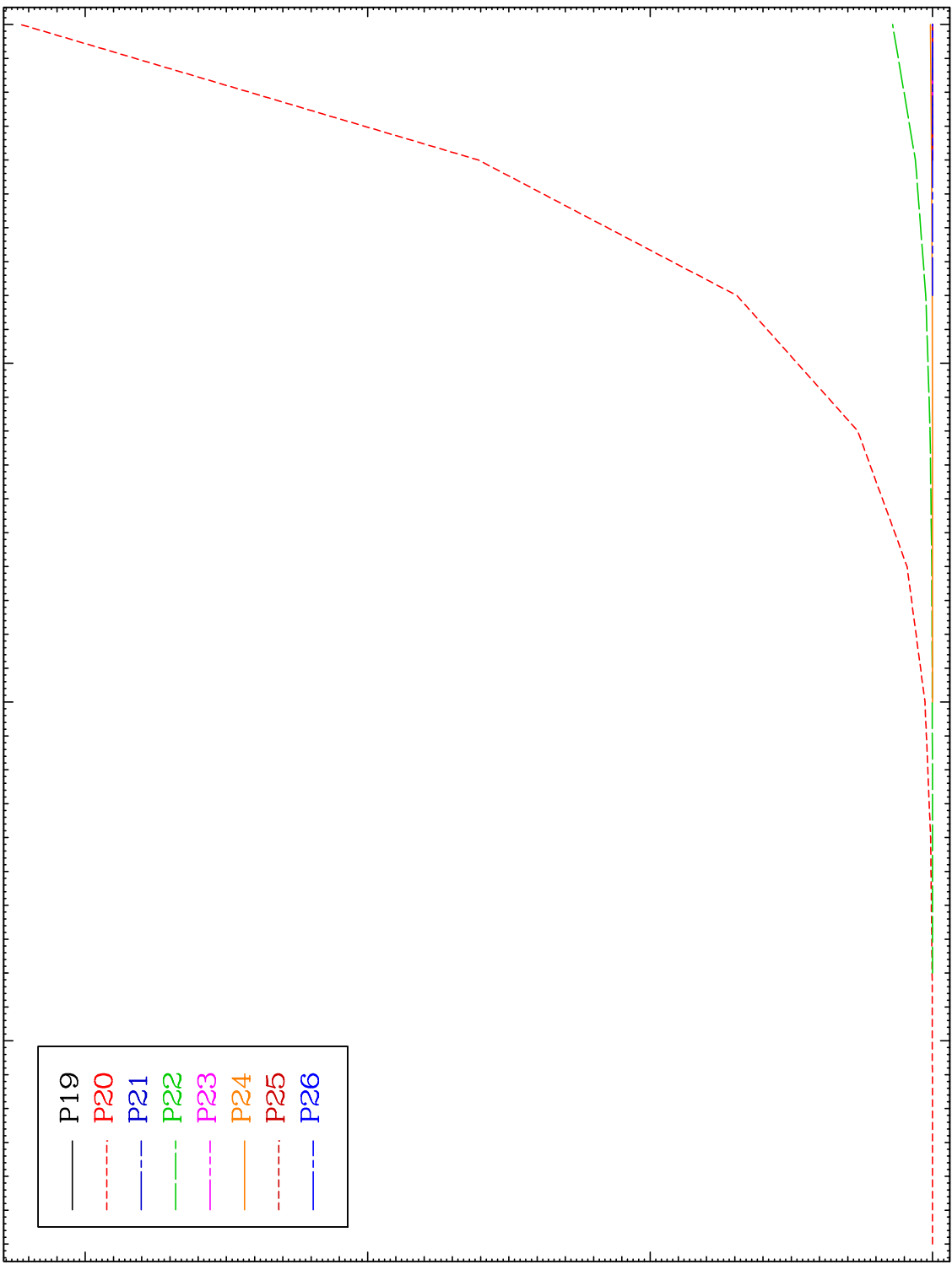
Elastic
Legendre Coefficients

65-Tb-148m



$\times 10^{-6}$

Legendre (CM)



19

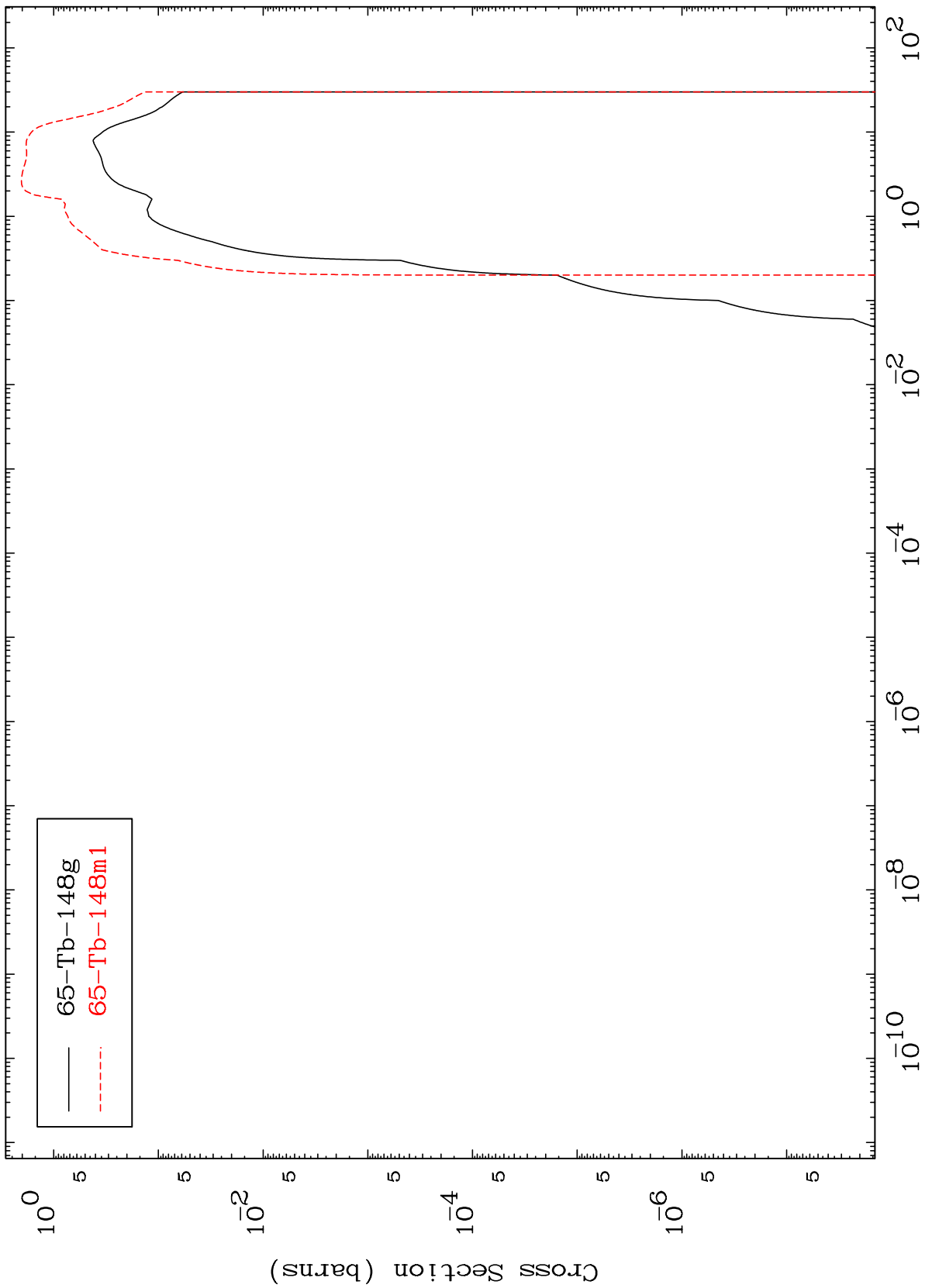
Incident Energy (MeV)

65-Tb-148m

MAT 6493

65-Tb-148m

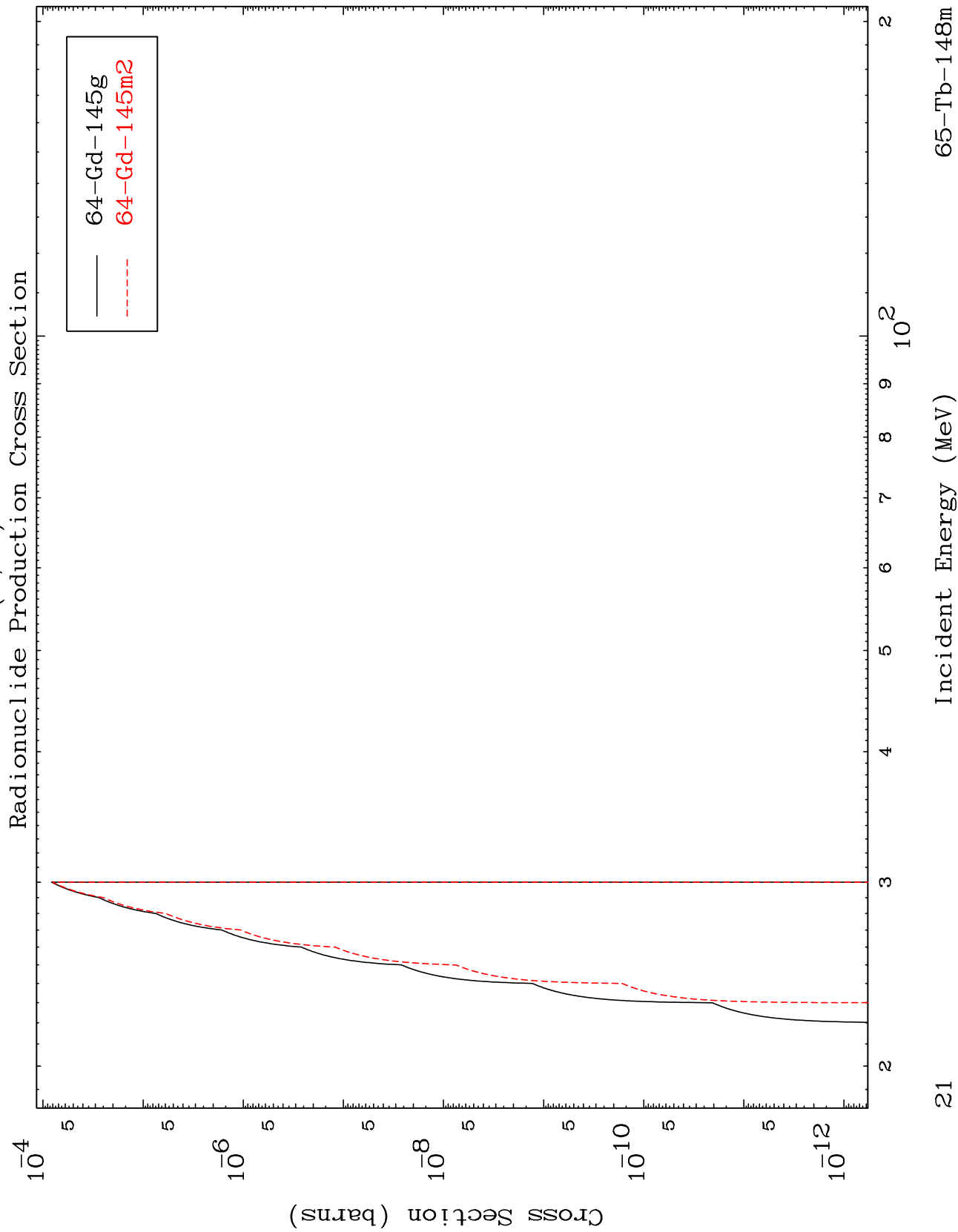
Inelastic
Radionuclide Production Cross Section



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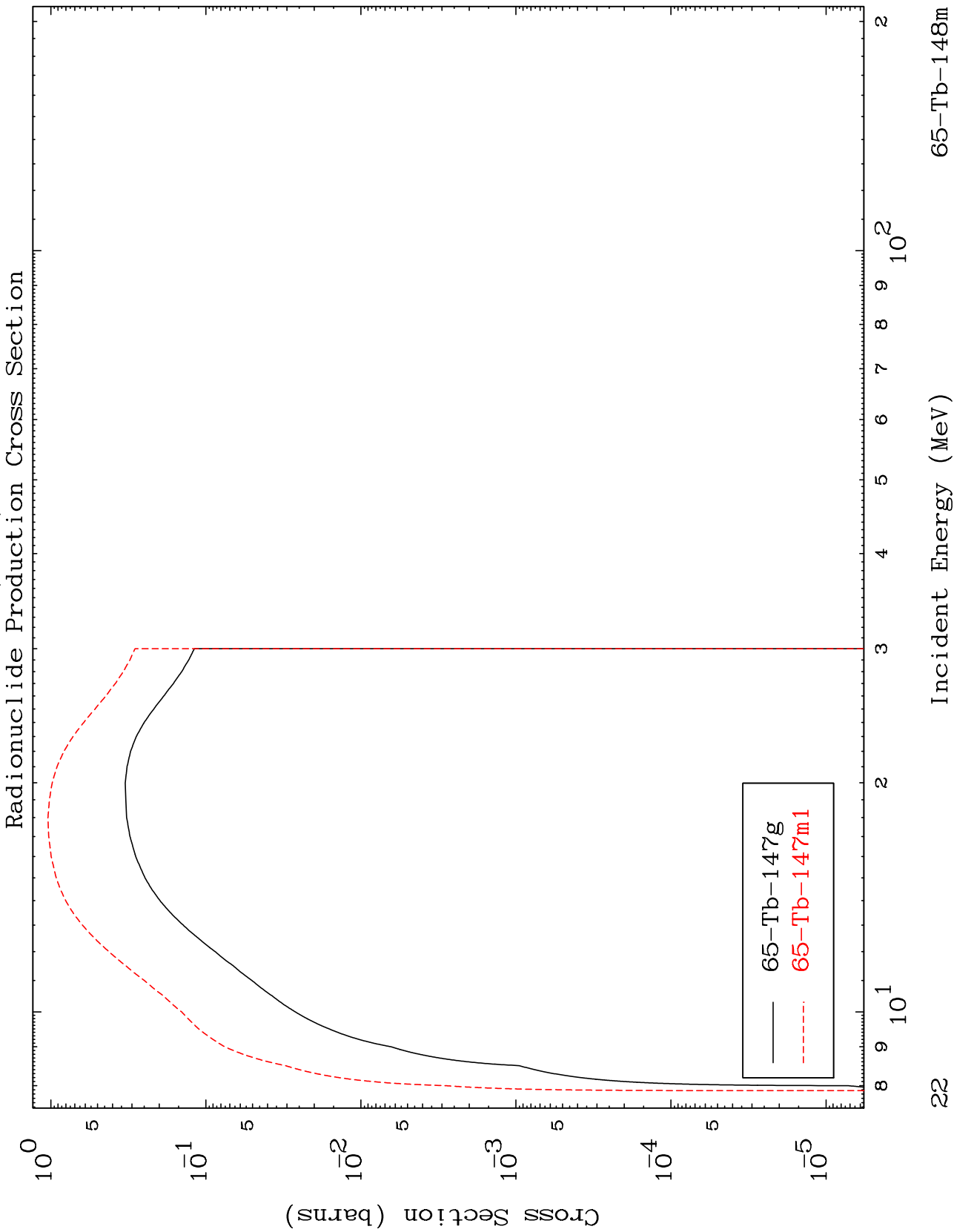
(n,2n) d

65-Tb-148m



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65-Tb-148m

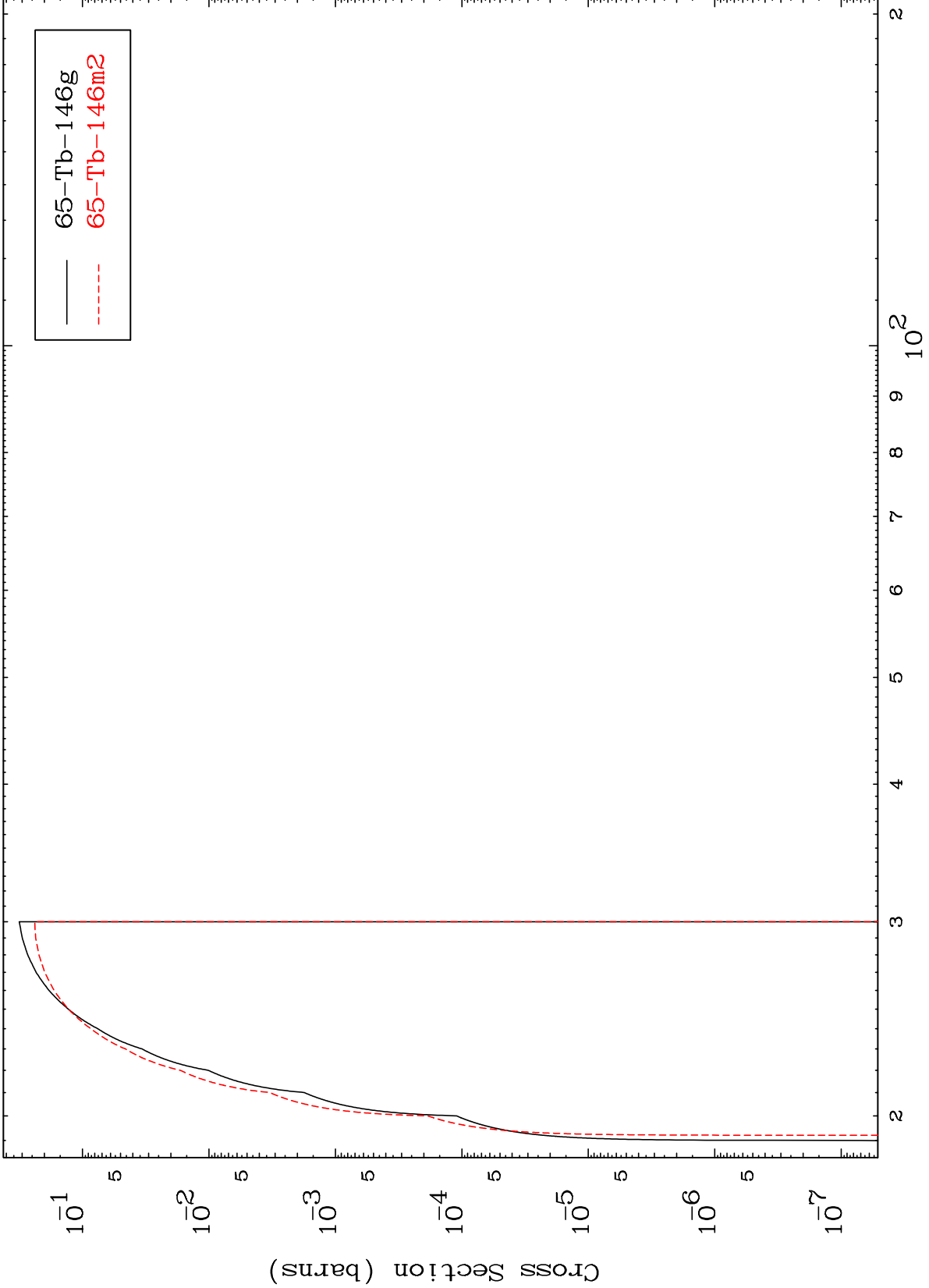


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(n,3n)

65-Tb-148m

Radionuclide Production Cross Section

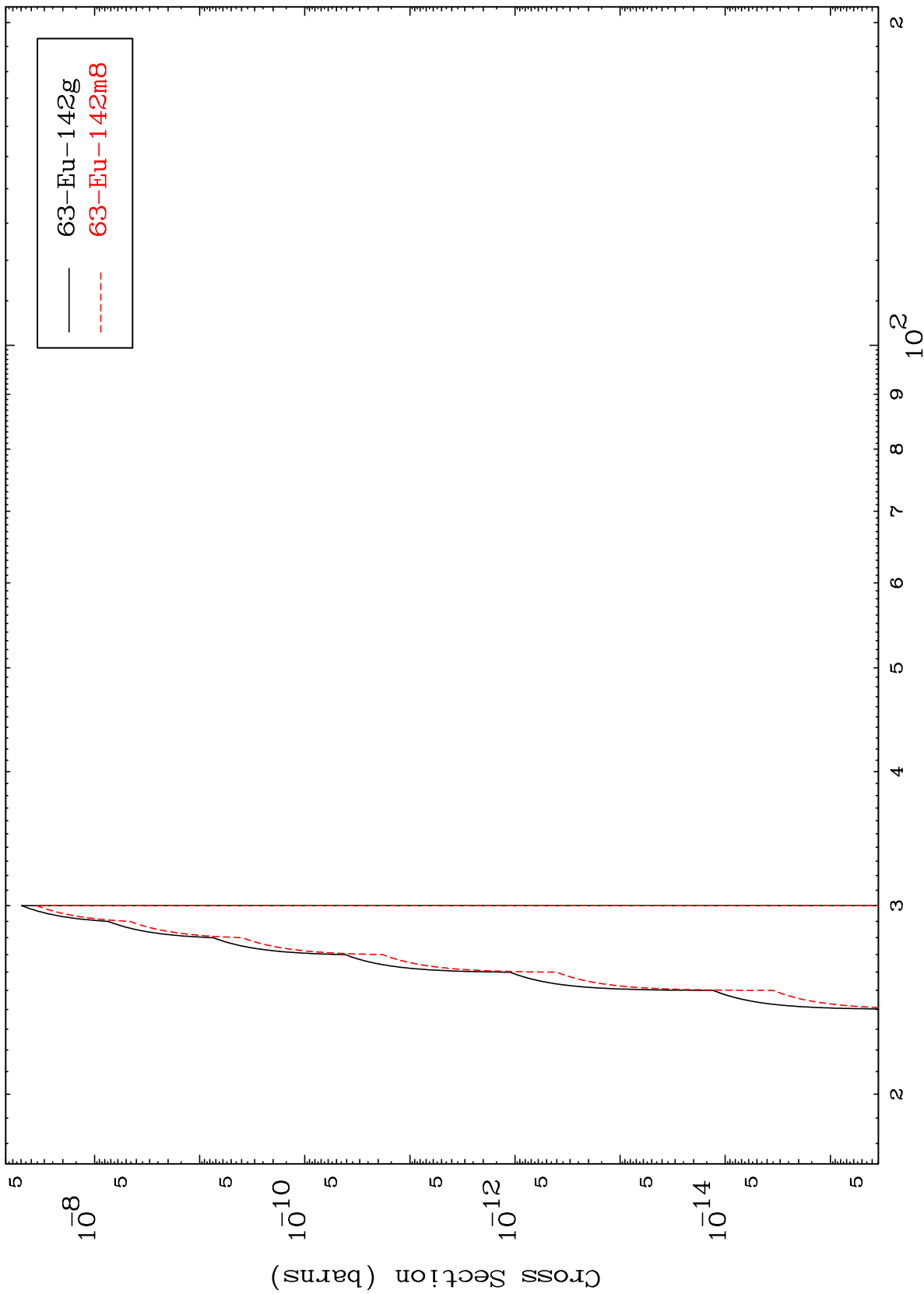


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(n,3n) α

65-Tb-148m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

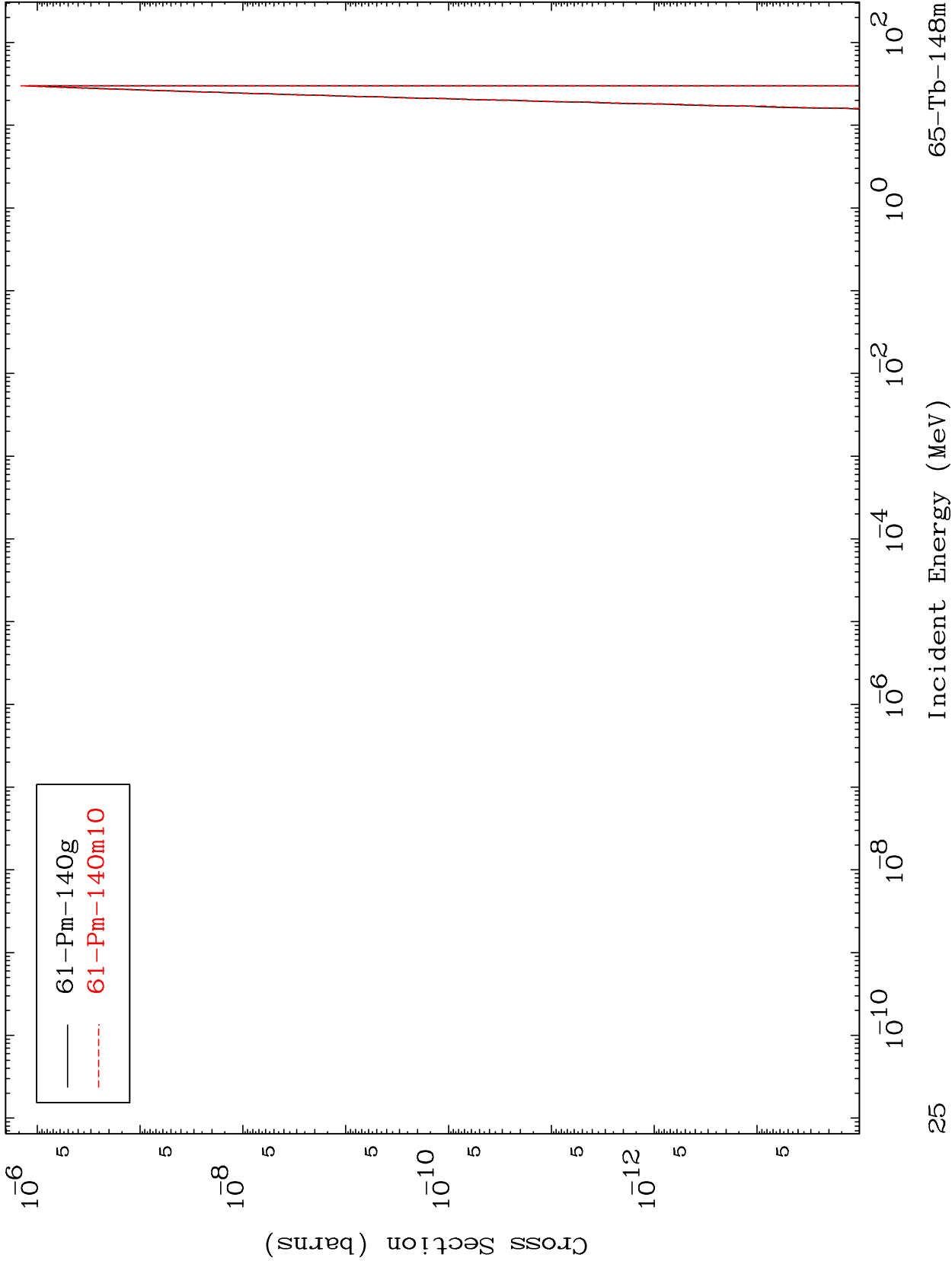
65-Tb-148m

MAT 6493

(n,n') 2α

65-Tb-148m

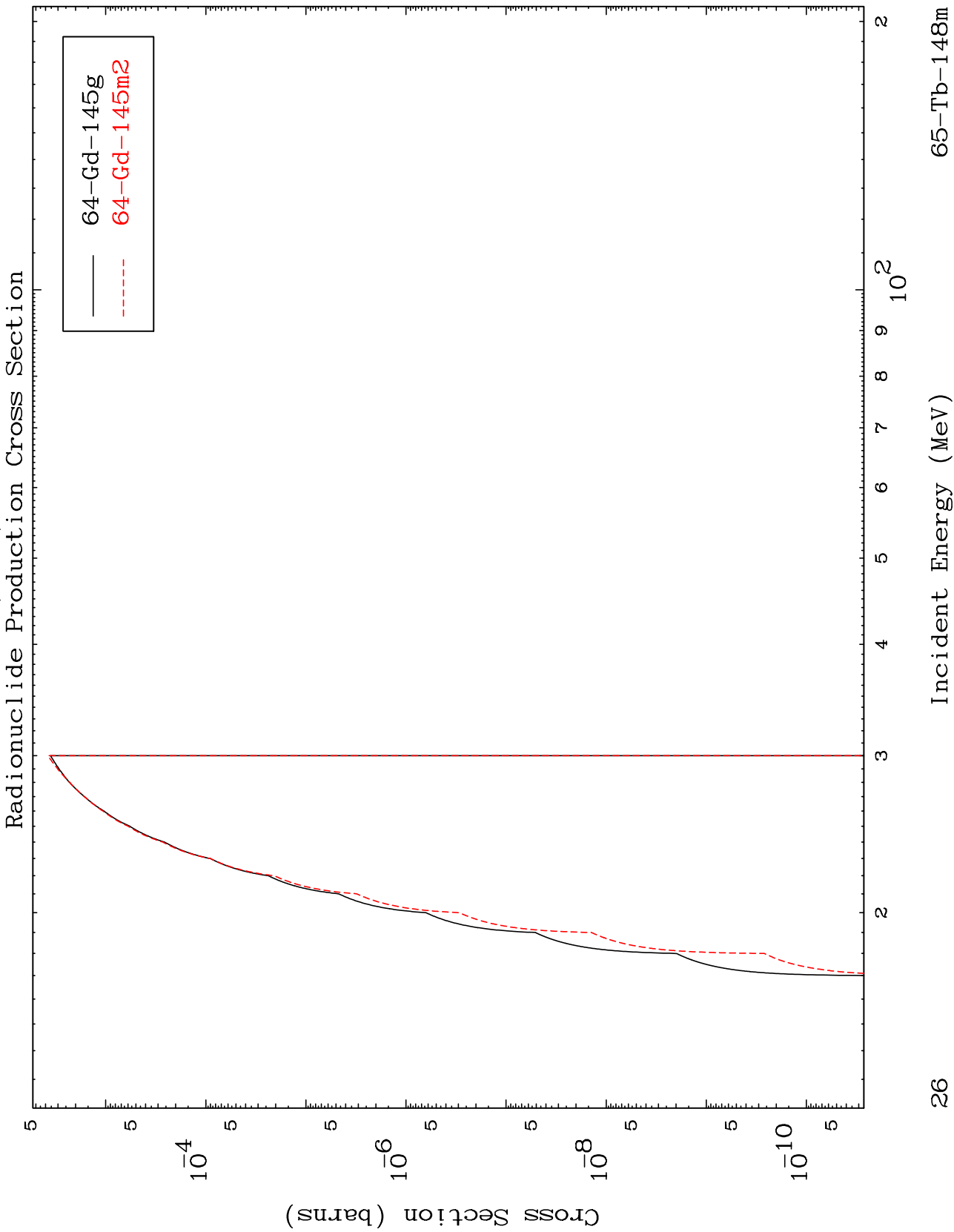
Radionuclide Production Cross Section



MAT 6493

(n,n') t

65-Tb-148m



26

Incident Energy (MeV)

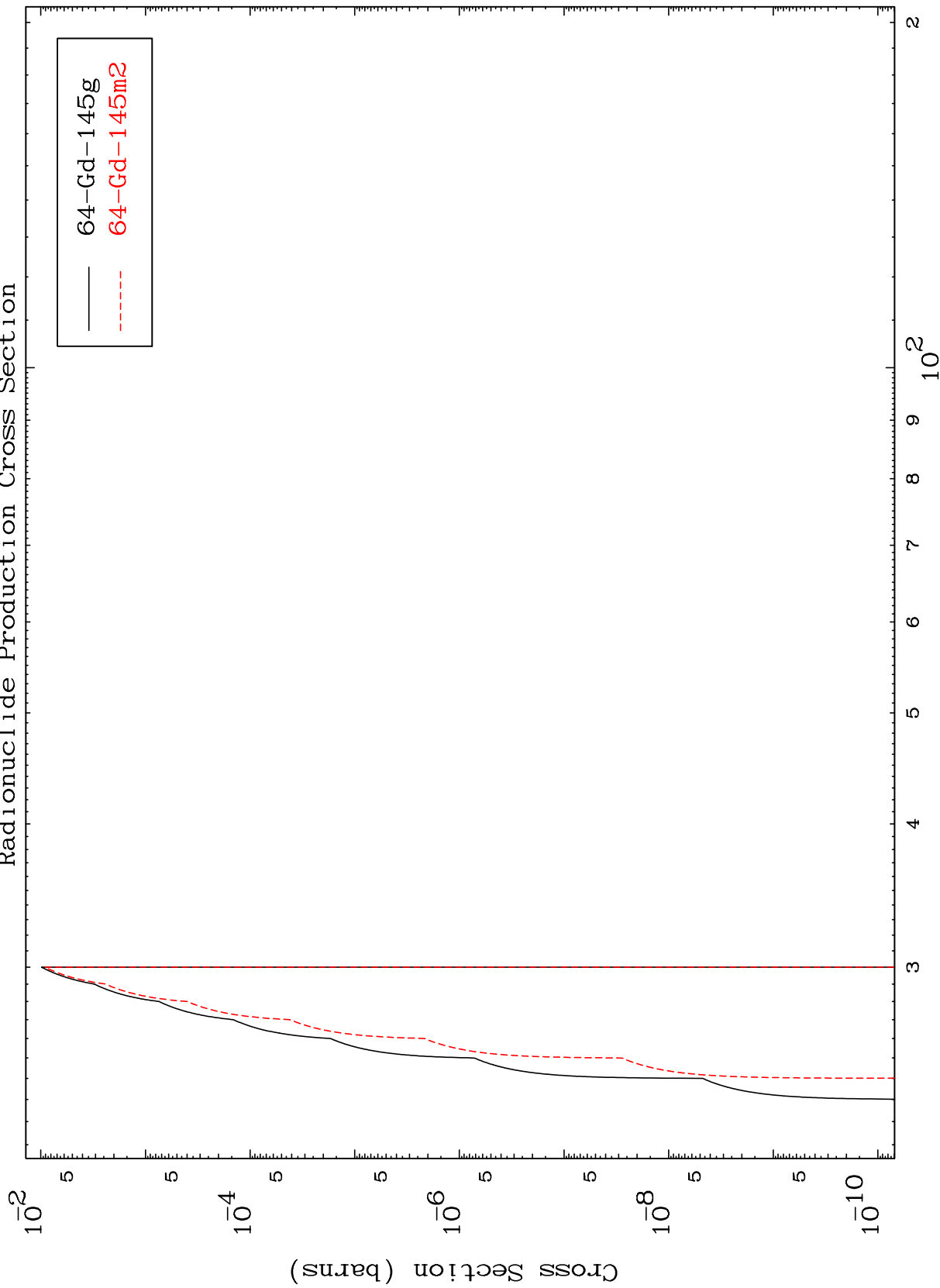
65-Tb-148m

MAT 6493

(n,3n) p

65-Tb-148m

Radionuclide Production Cross Section



64-Gd-145g
64-Gd-145m2

27

Incident Energy (MeV)

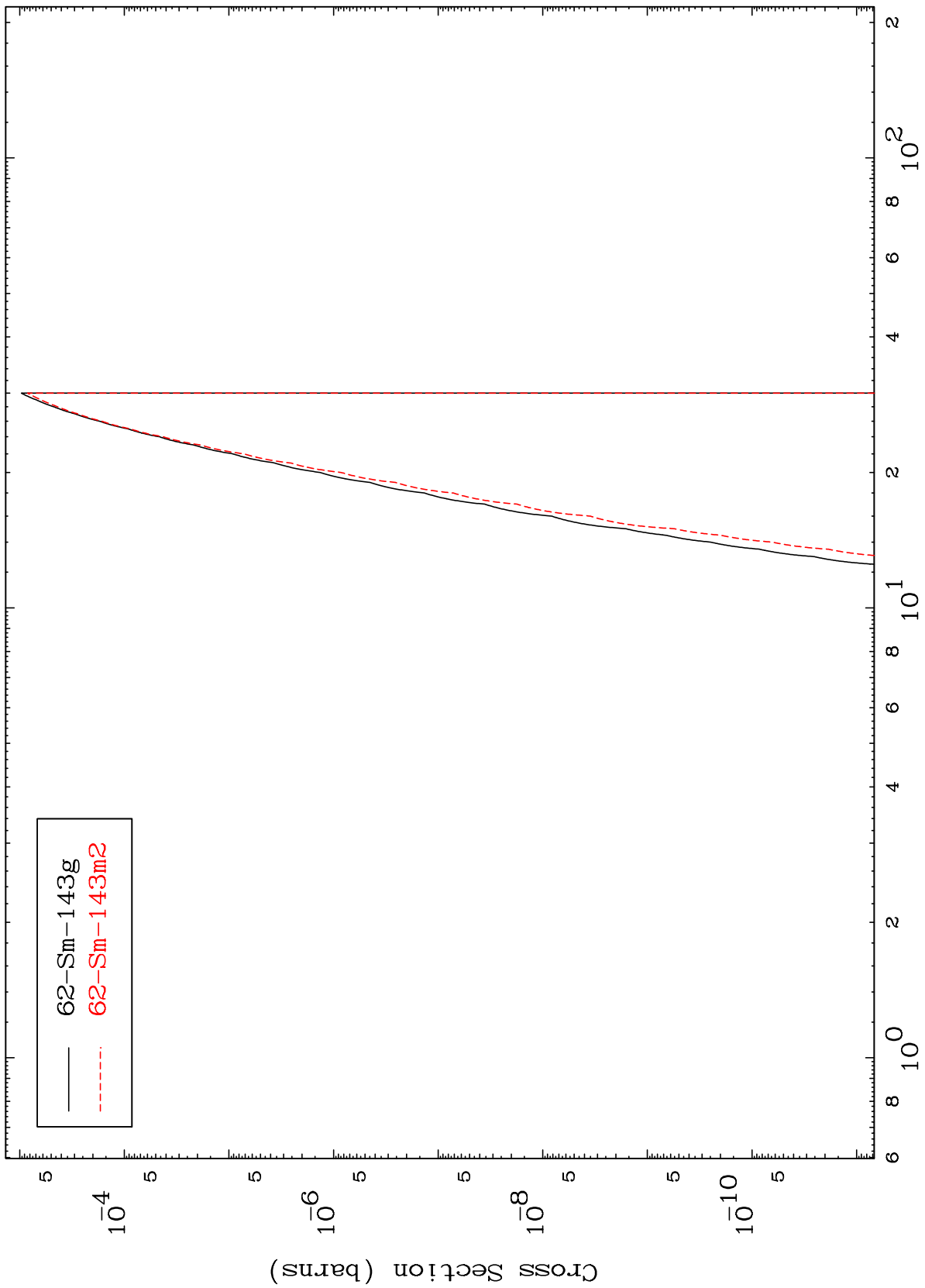
65-Tb-148m

MAT 6493

(n,n') p α

65-Tb-148m

Radionuclide Production Cross Section



28

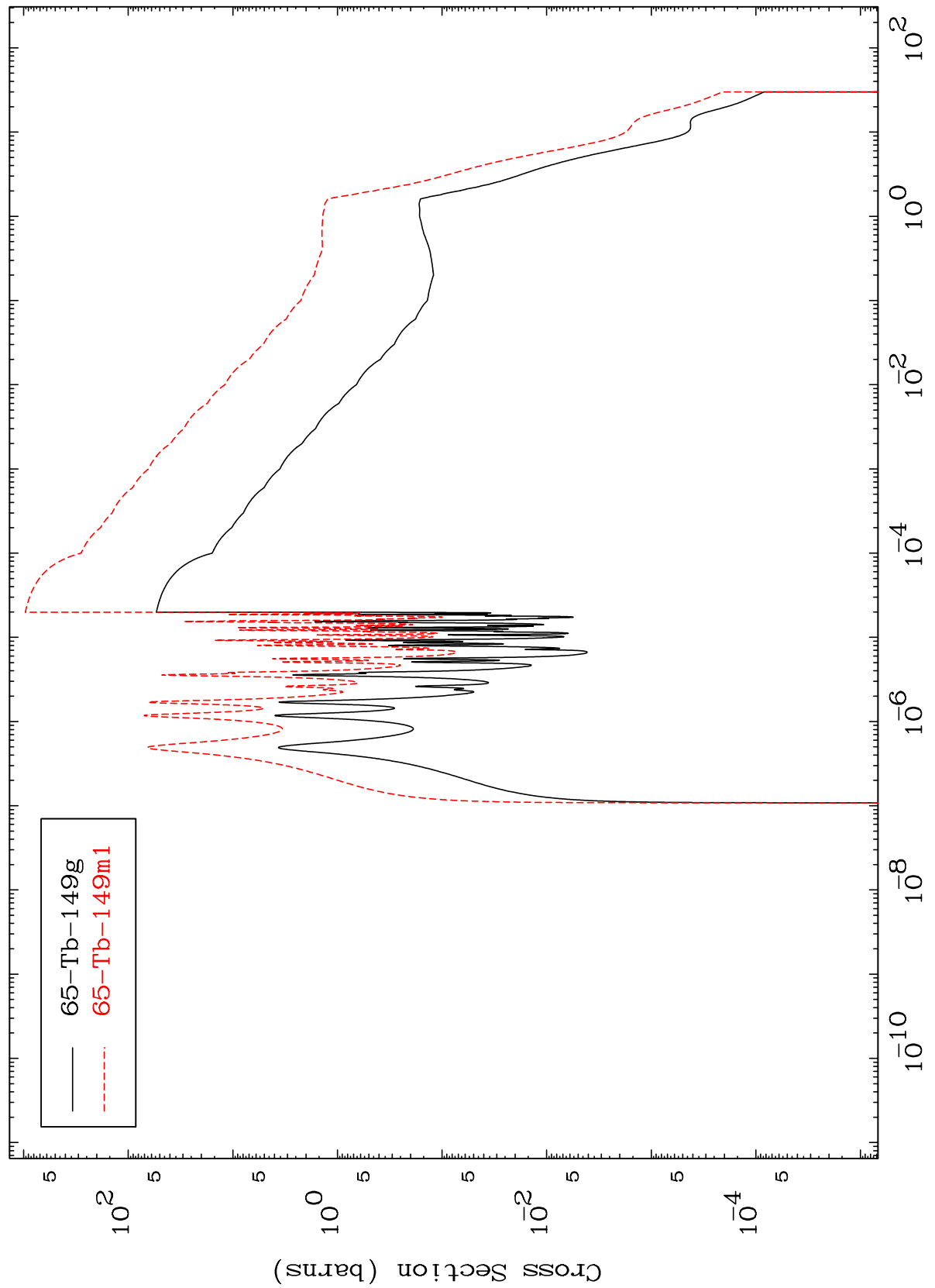
Incident Energy (MeV)

65-Tb-148m

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65-Tb-148m

Radionuclide Production Cross Section (n,γ)



65-Tb-148m

MAT 6493

(n,d) α

65-Tb-148m

Radionuclide Production Cross Section

