

Program EVALPLOT
(Version 2018-1)

by

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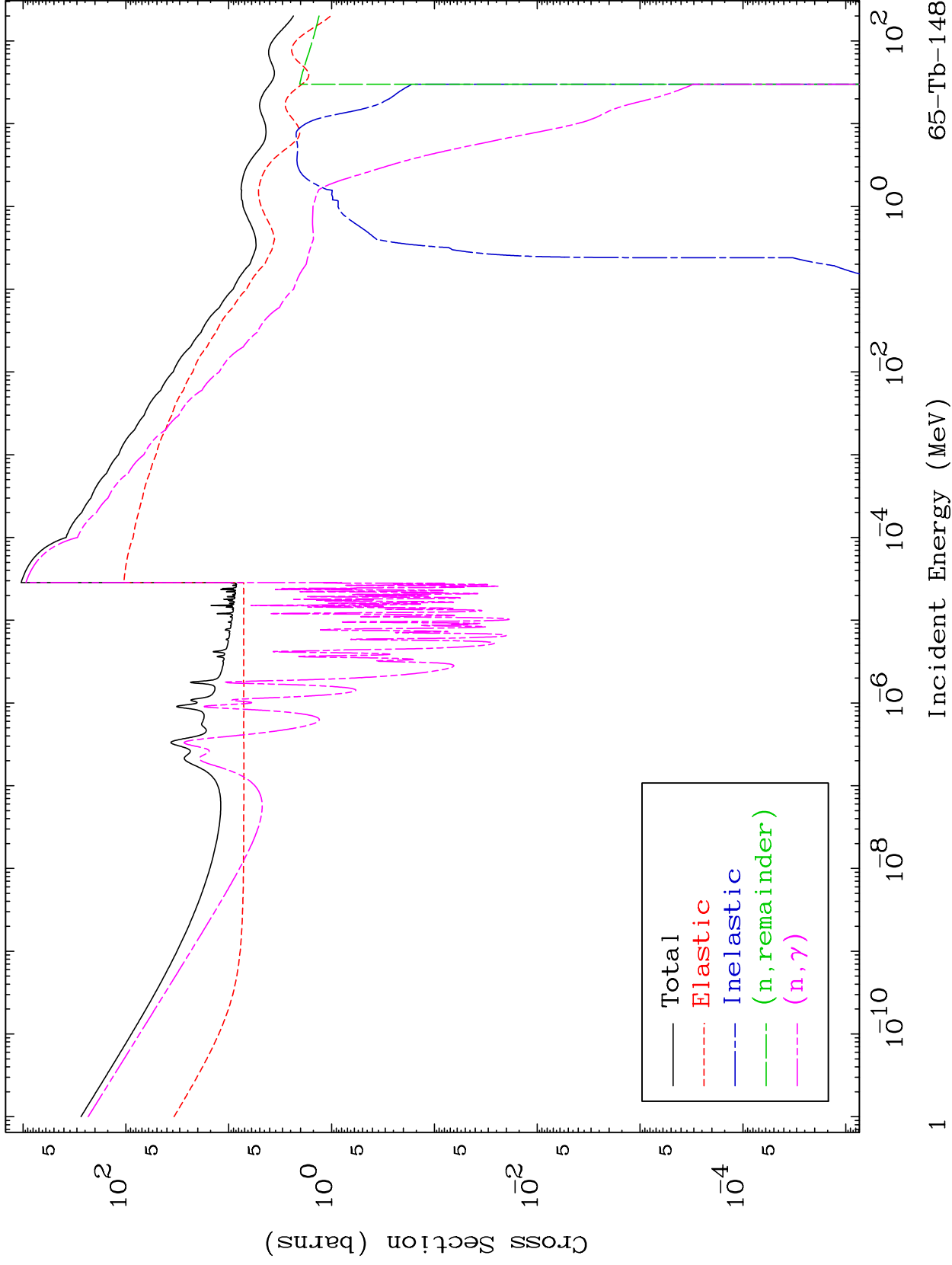
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Press Mouse Button to Start

MAT 6493

Major
293 Kelvin Cross Sections

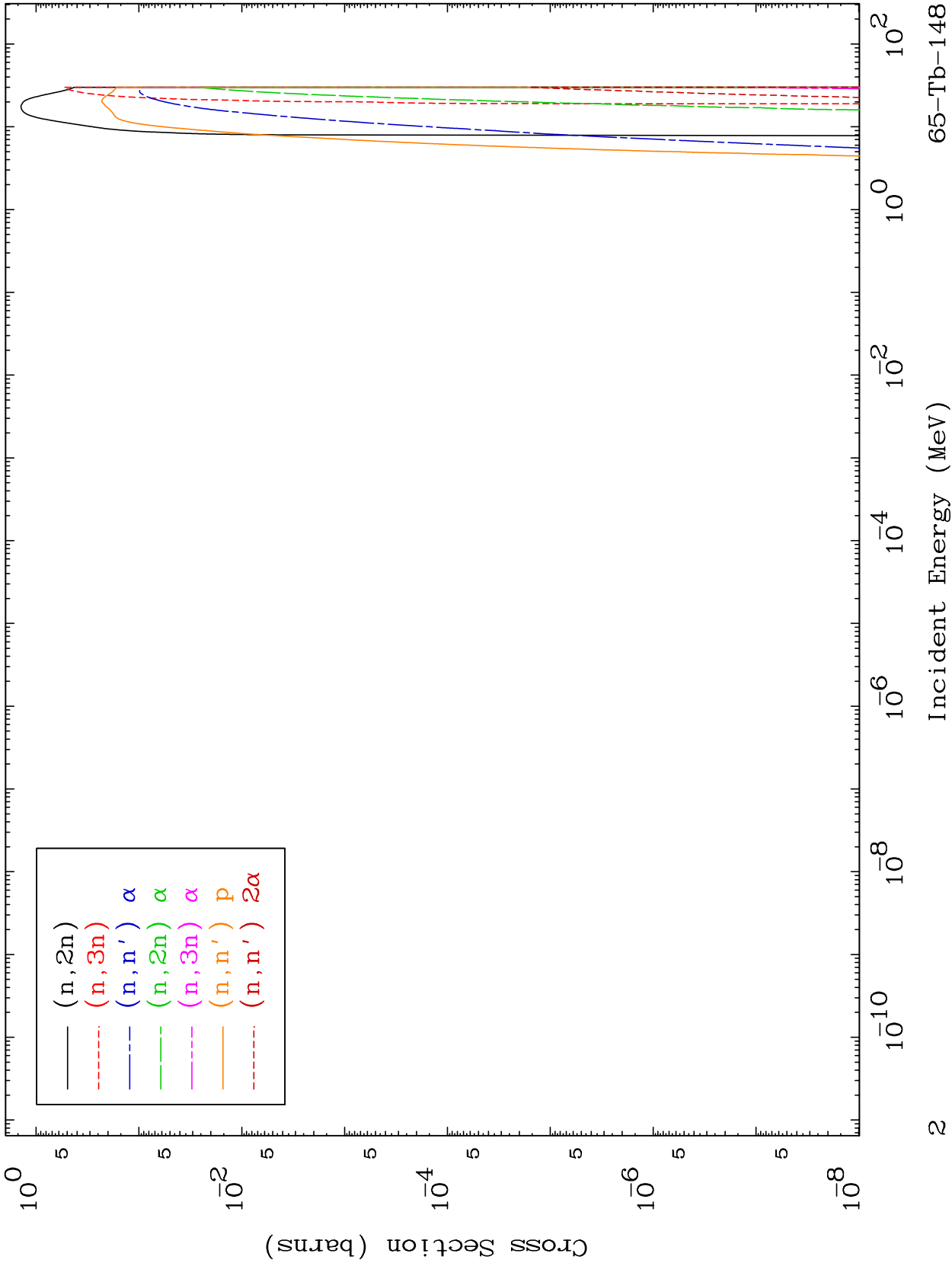
65-Tb-148

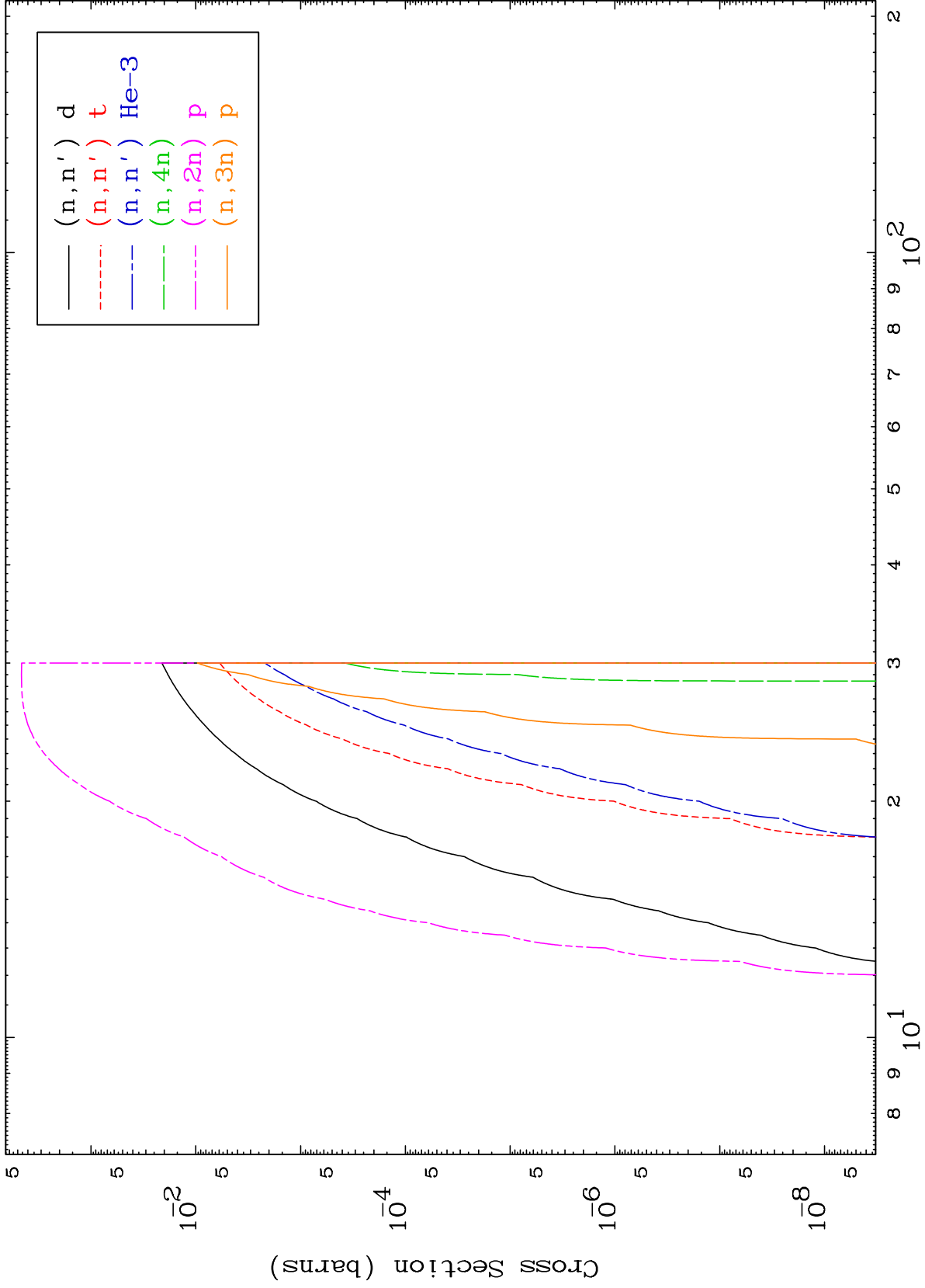


MAT 6493

Neutron Production
293 Kelvin Cross Sections

65-Tb-148

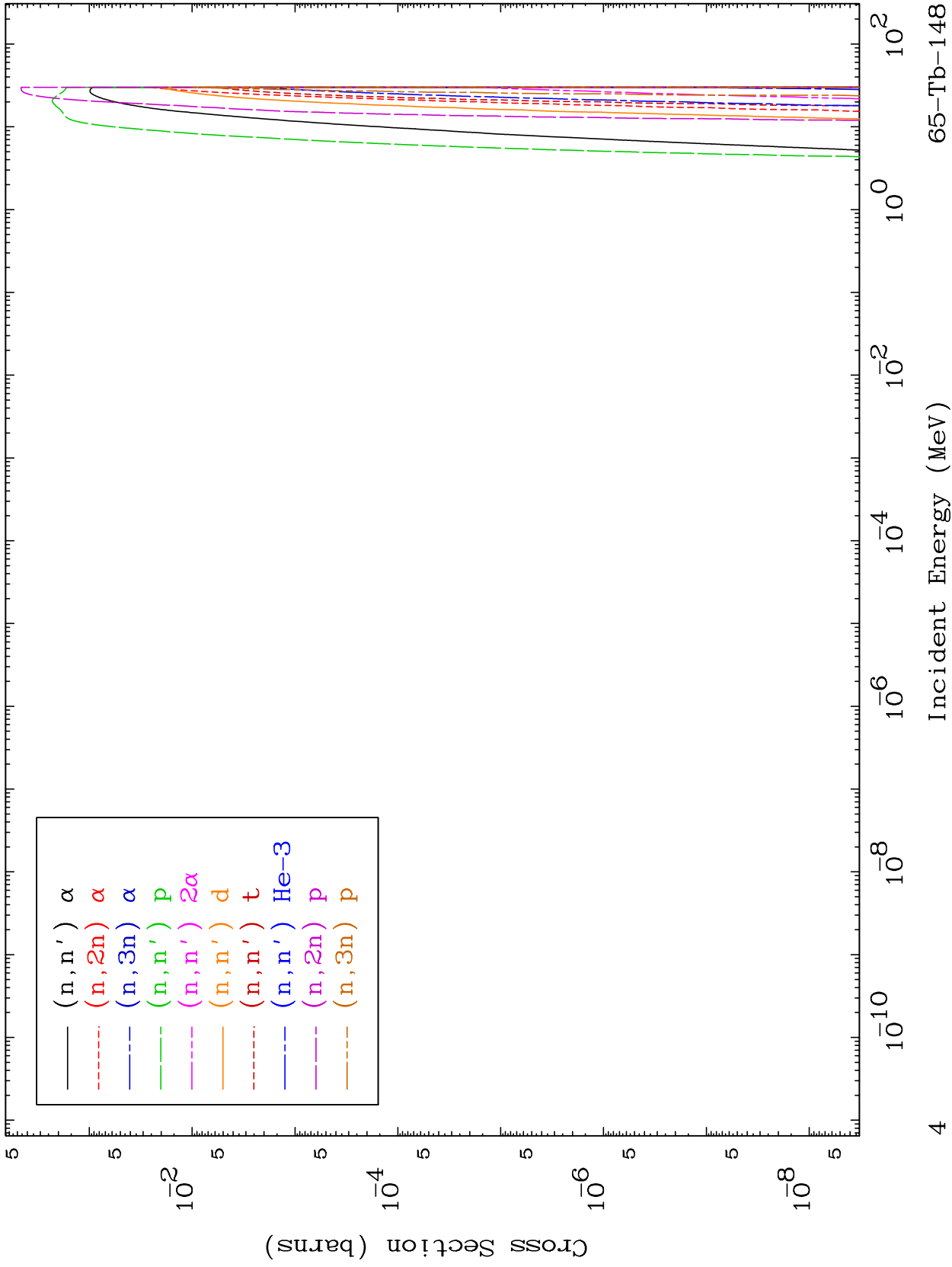




MAT 6493

Charged Particle
293 Kelvin Cross Sections

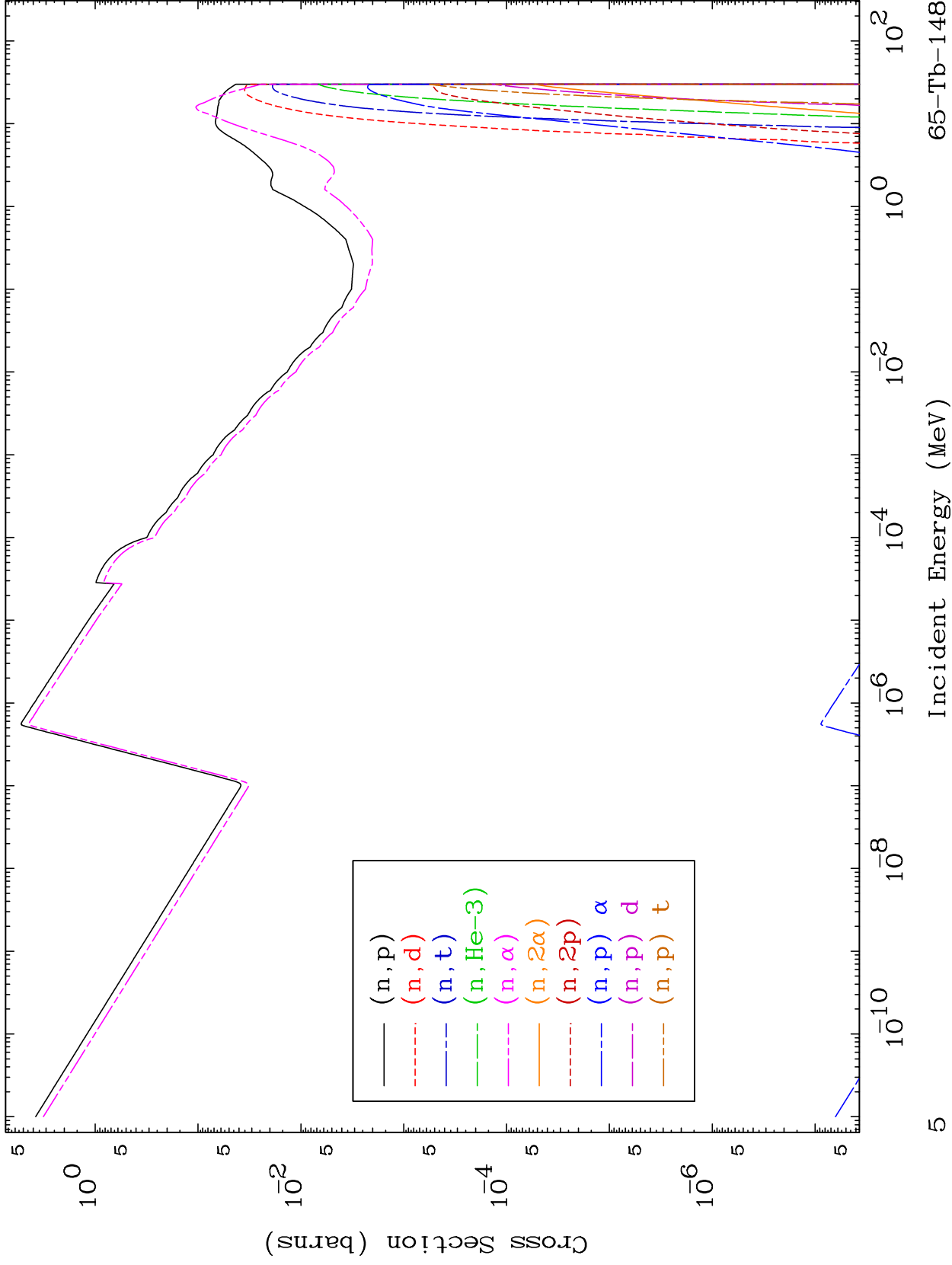
65-Tb-148



MAT 6493

Charged Particle
293 Kelvin Cross Sections

65-Tb-148



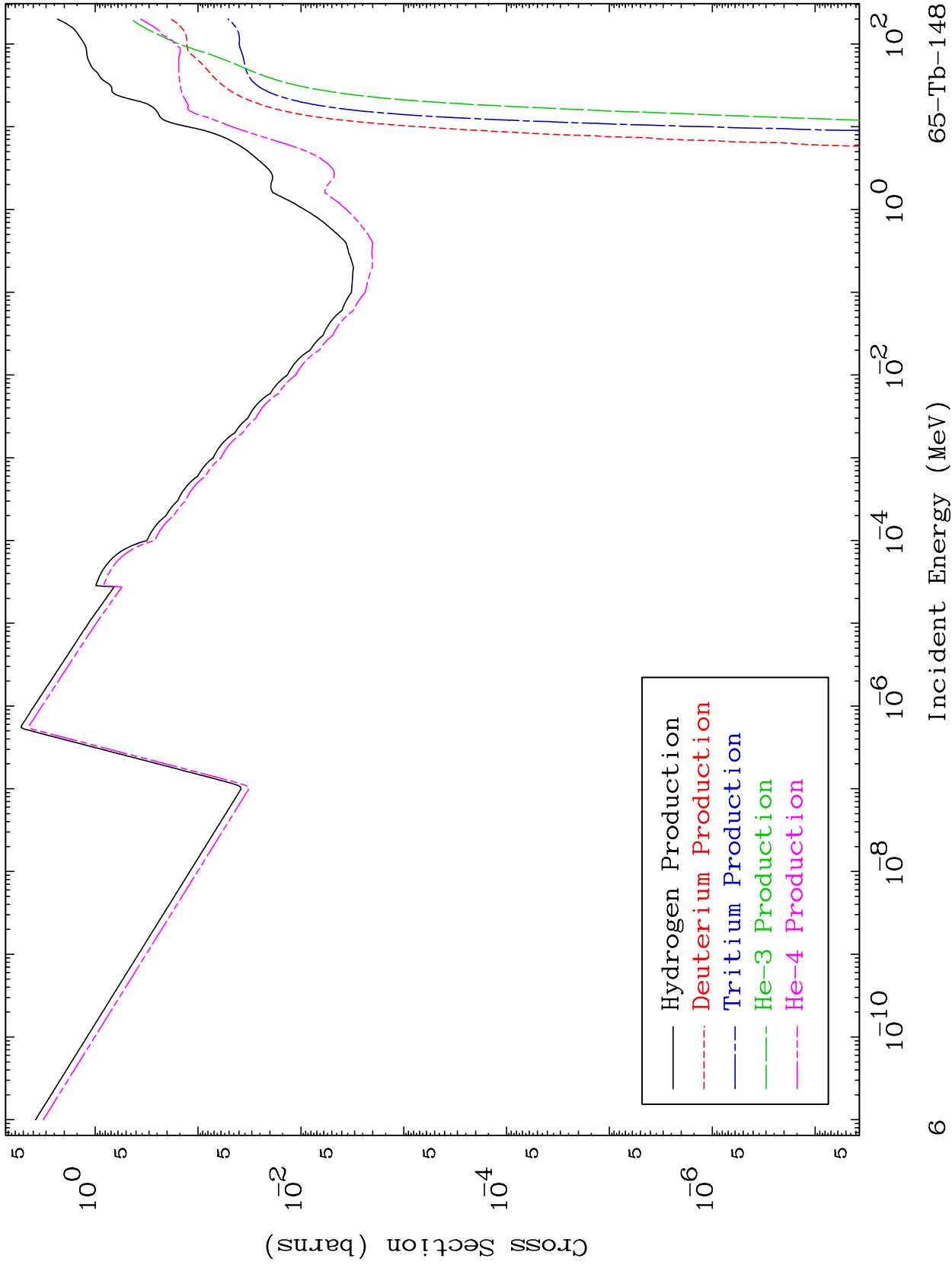
5

65-Tb-148

MAT 6493

Particle Production
293 Kelvin Cross Sections

65-Tb-148

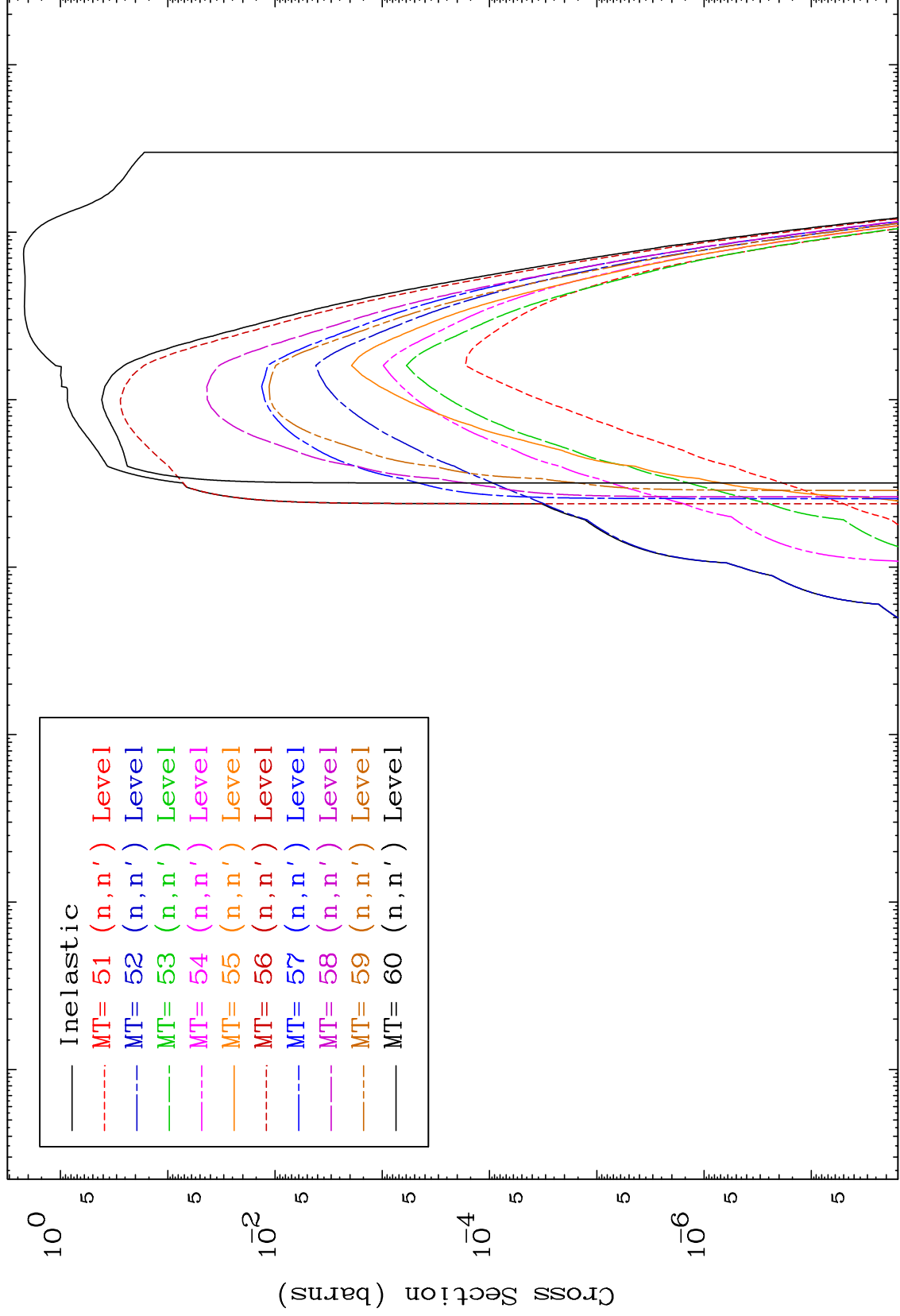


MAT 6493

(n,n') Level

65-Tb-148

293 Kelvin Cross Sections



65-Tb-148

Incident Energy (MeV)

10⁻⁴ 10⁻³ 10⁰ 10¹ 10²

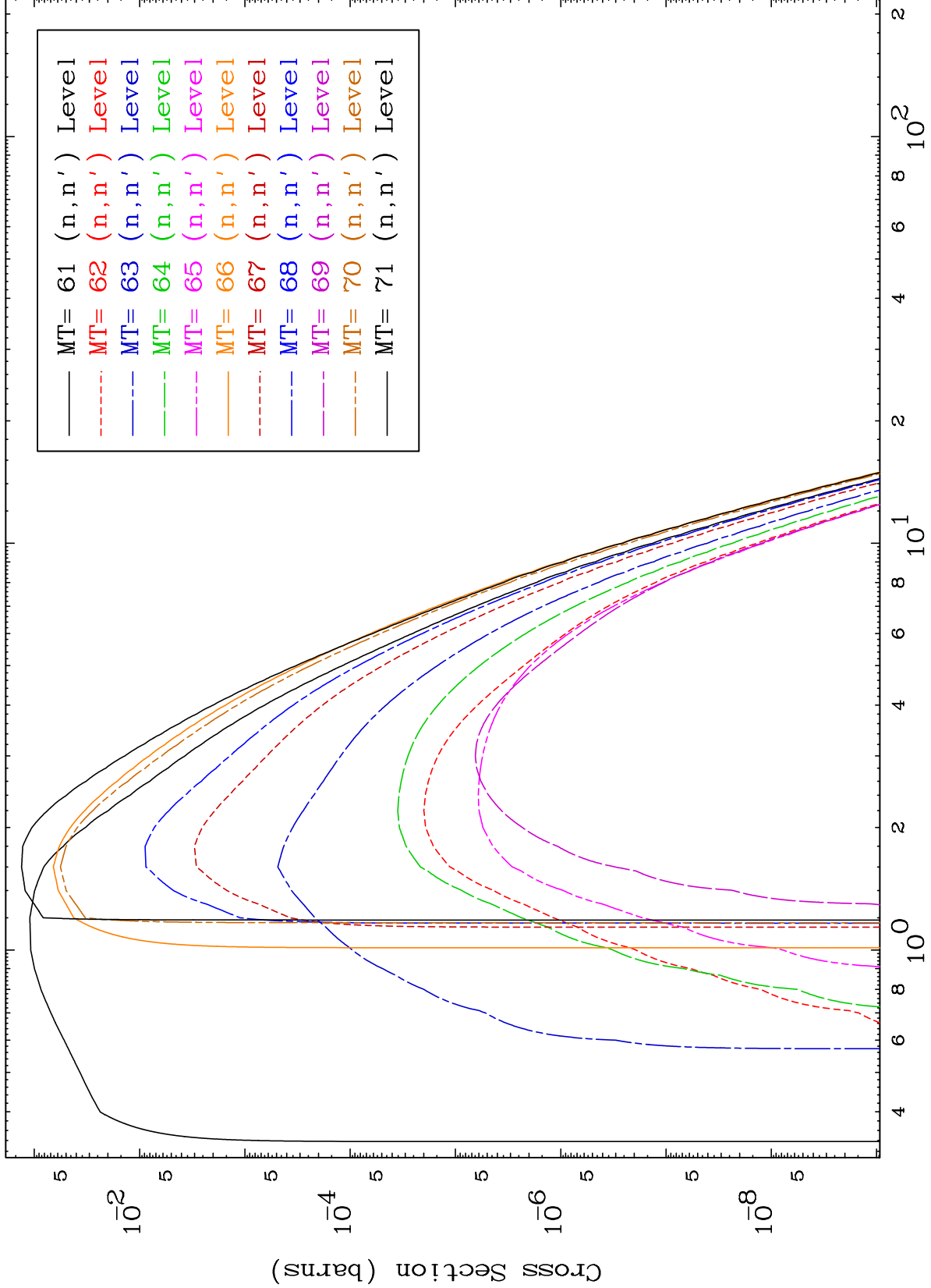
10⁰ 10⁻² 10⁻⁴ 10⁻⁶ 10⁻⁸

MAT 6493

(n,n') Level

65-Tb-148

293 Kelvin Cross Sections

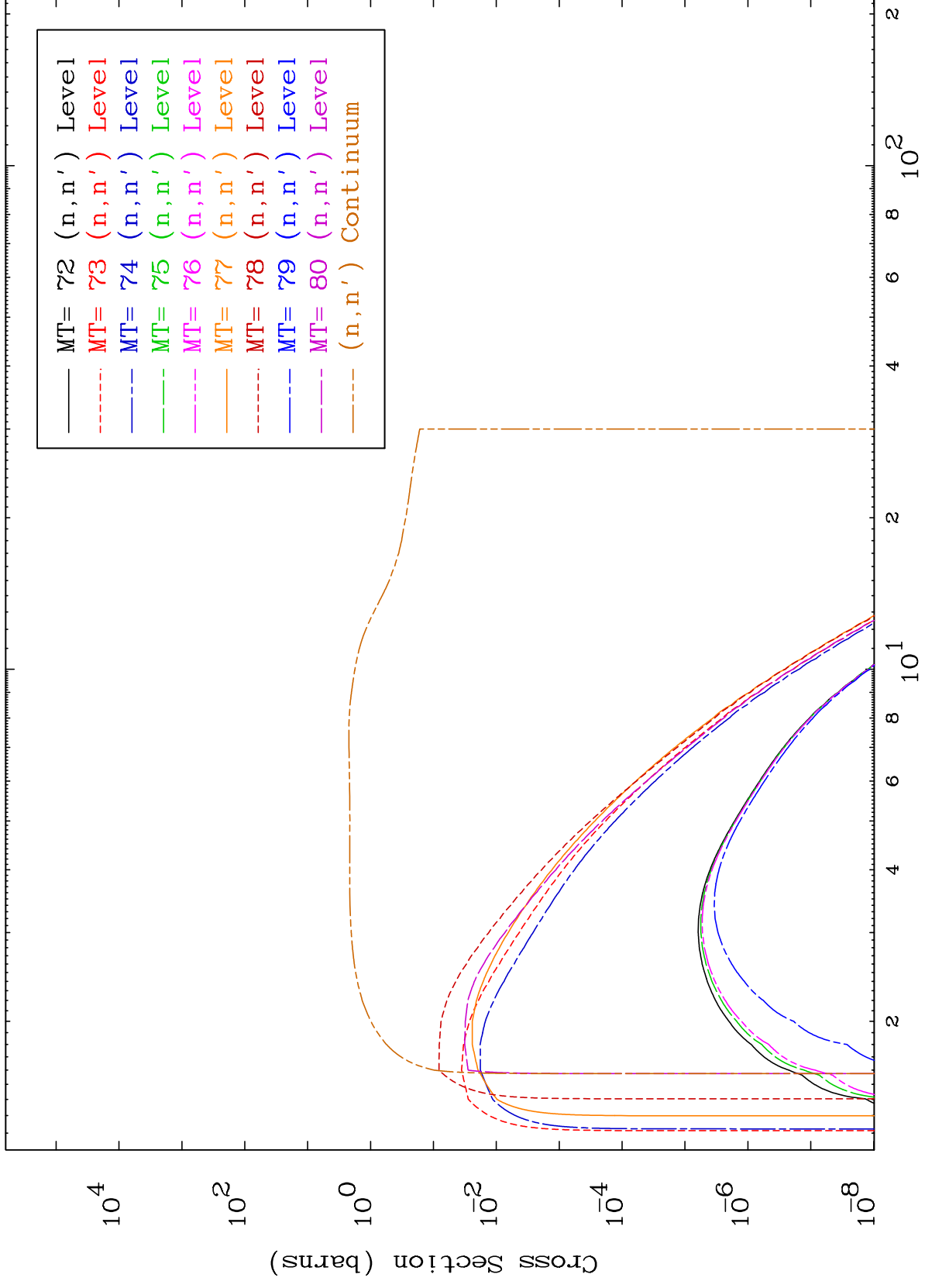


8

Incident Energy (MeV)

65-Tb-148

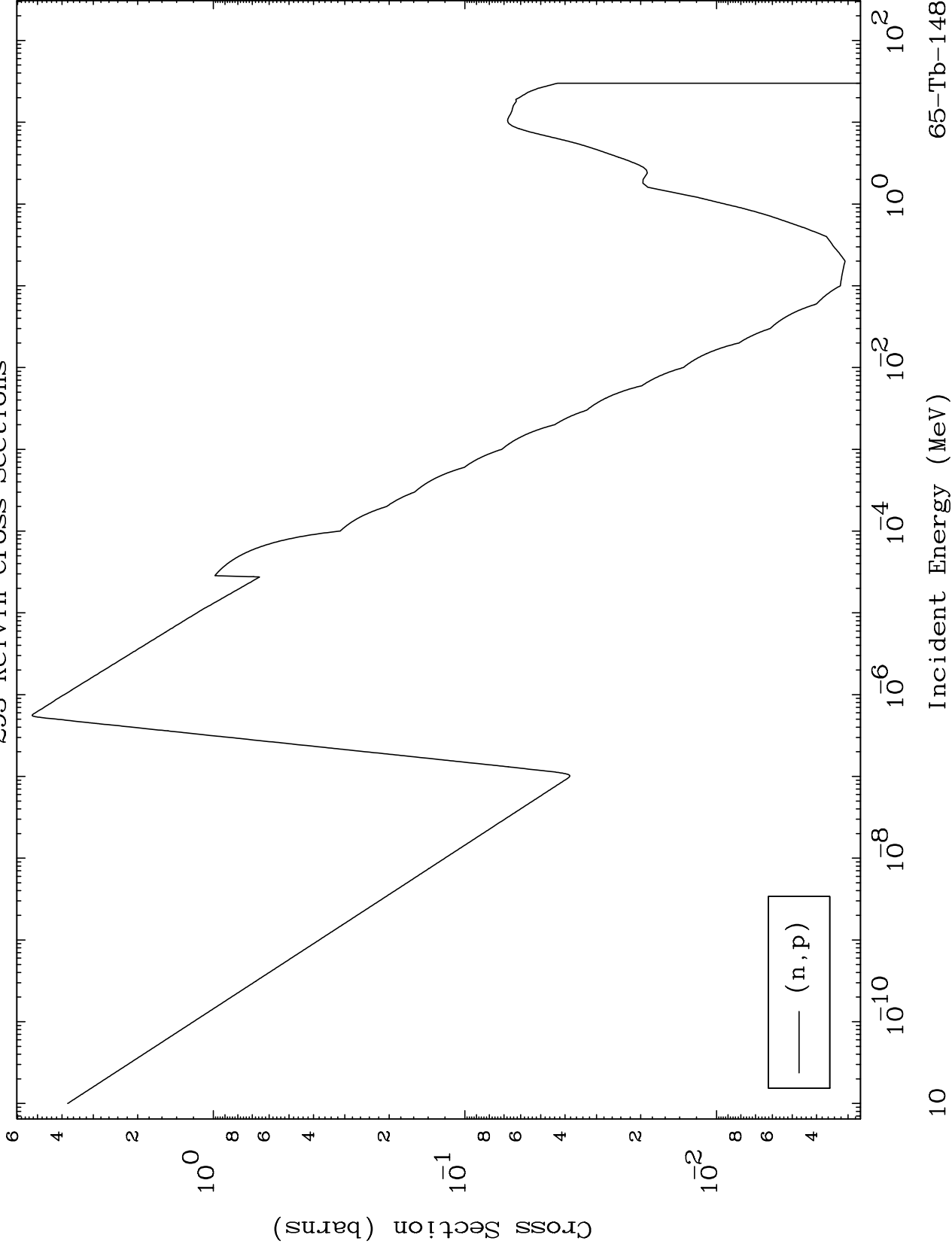
293 Kelvin Cross Sections



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(n,p) Levels
293 Kelvin Cross Sections

65-Tb-148



10

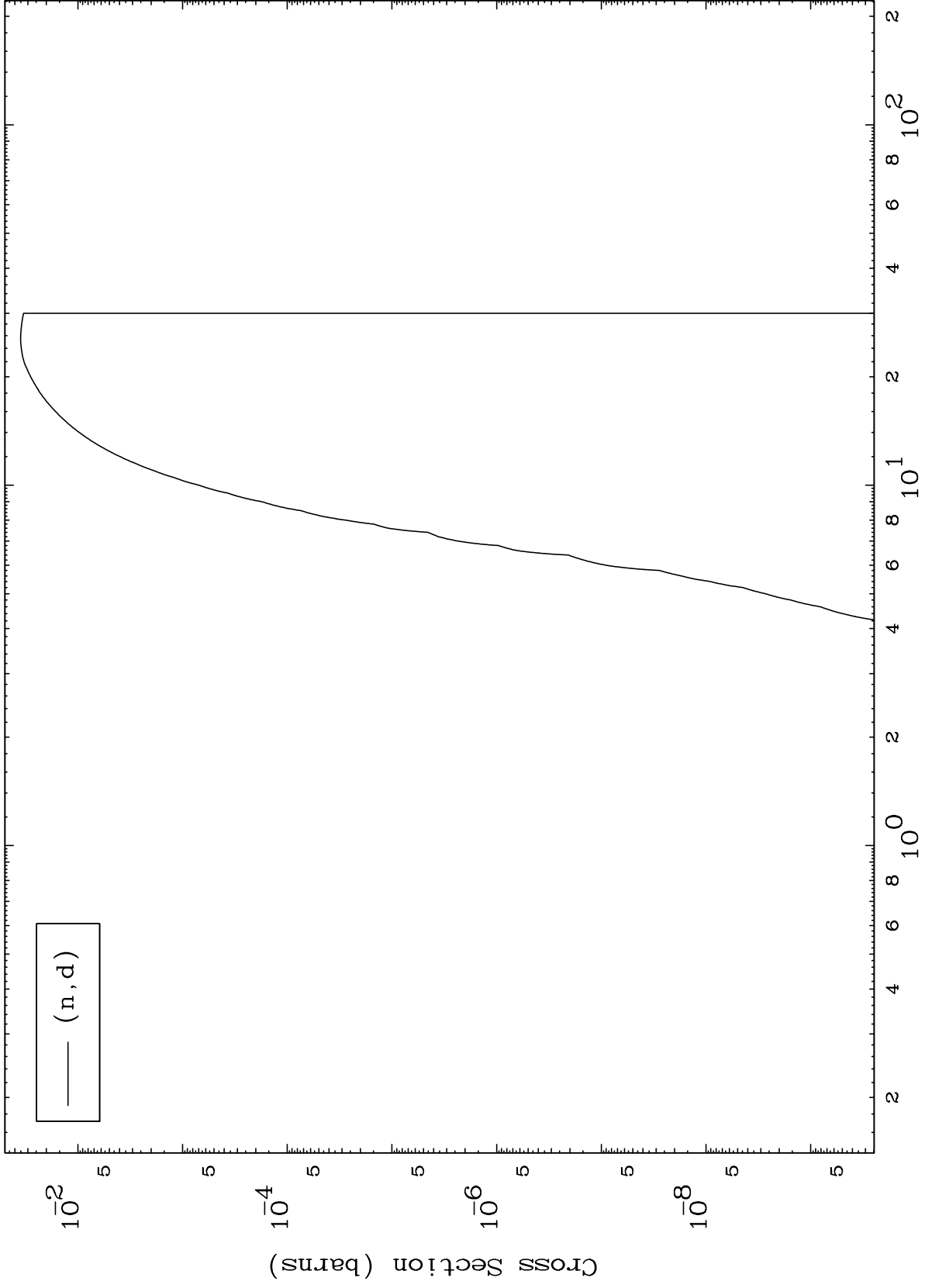
Incident Energy (MeV)

65-Tb-148

MAT 6493

(n,d) Levels
293 Kelvin Cross Sections

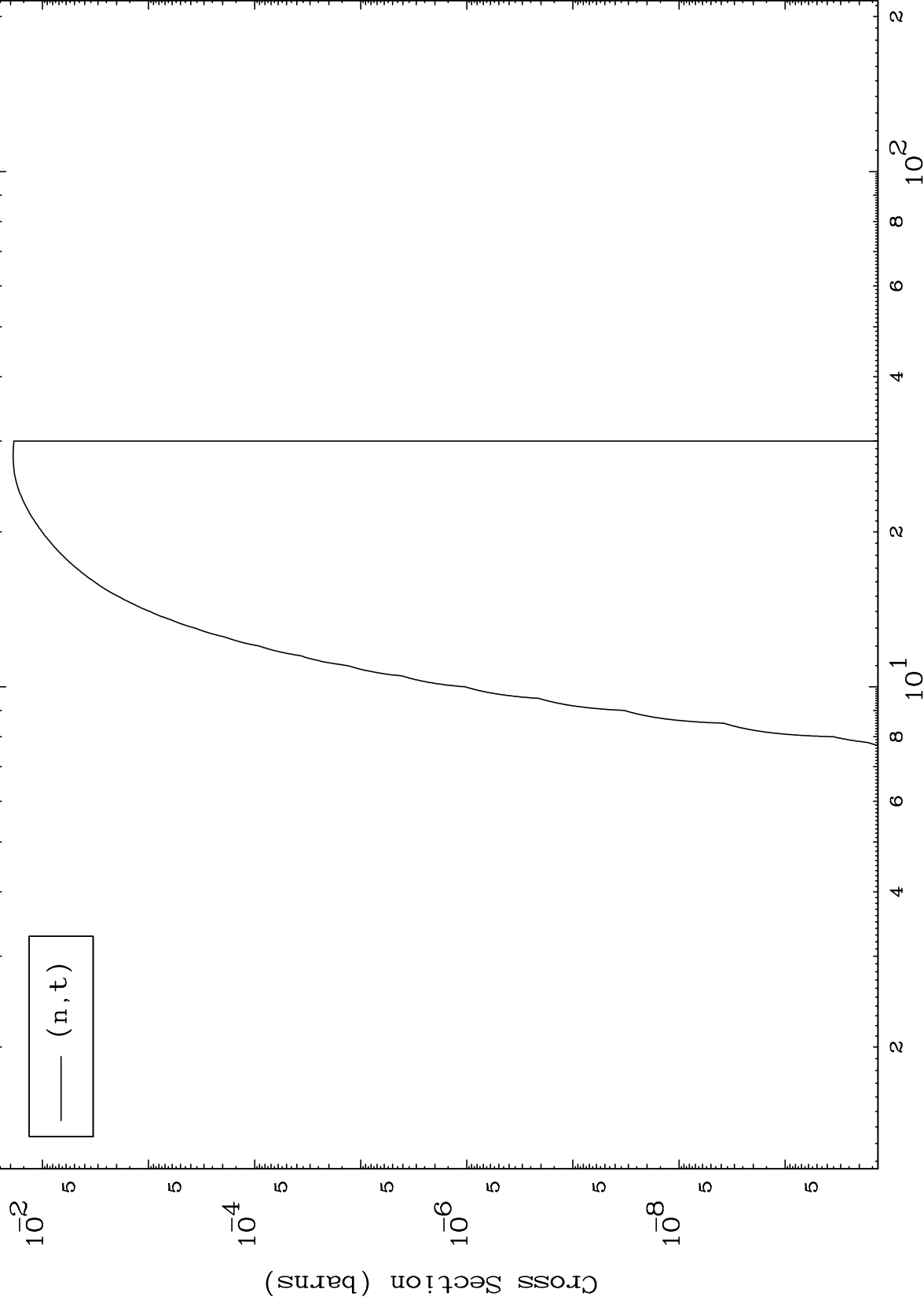
65-Tb-148



MAT 6493

(n,t) Levels
293 Kelvin Cross Sections

65-Tb-148



12

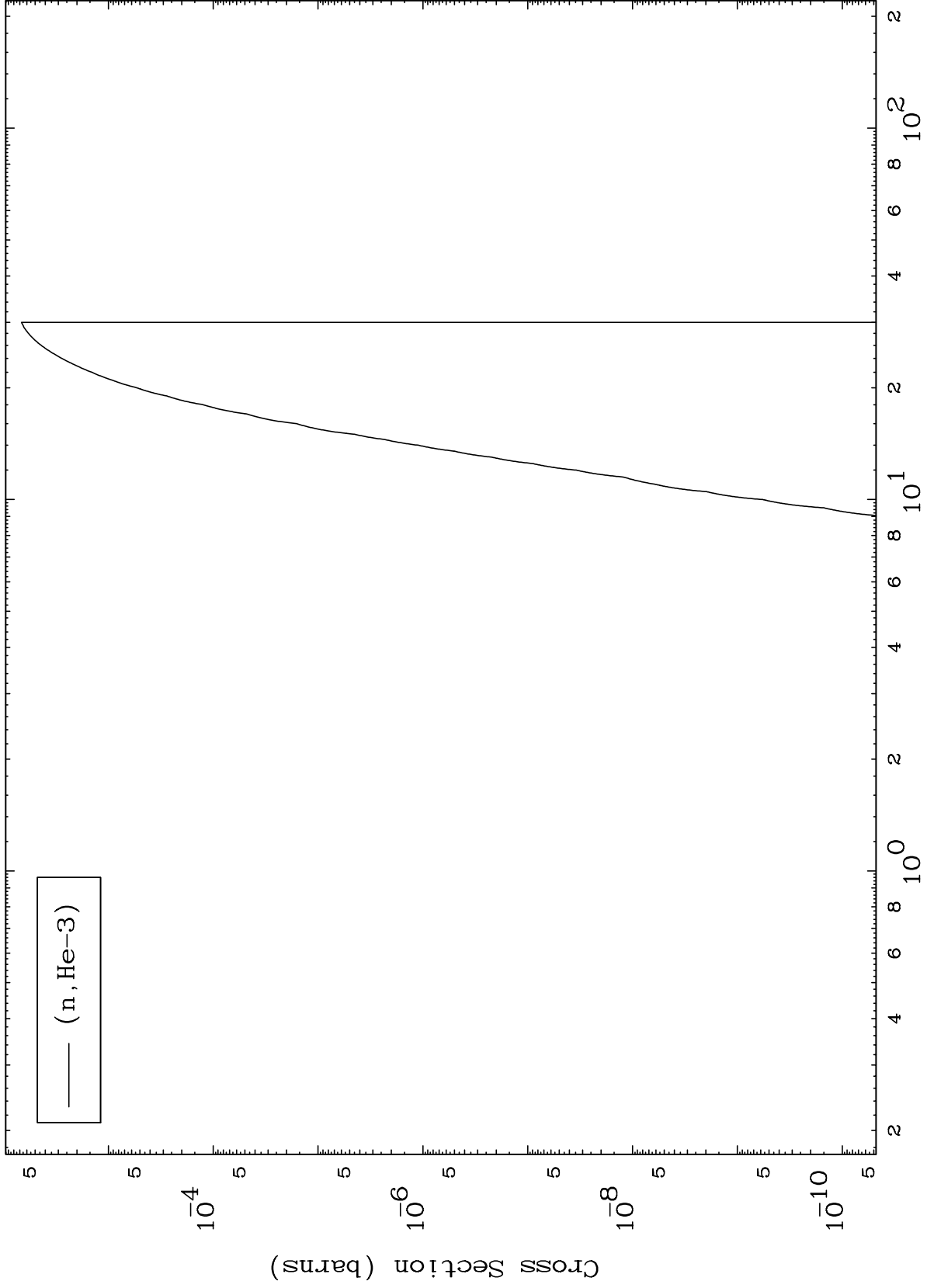
Incident Energy (MeV)

65-Tb-148

MAT 6493

(n,He3) Levels
293 Kelvin Cross Sections

65-Tb-148



13

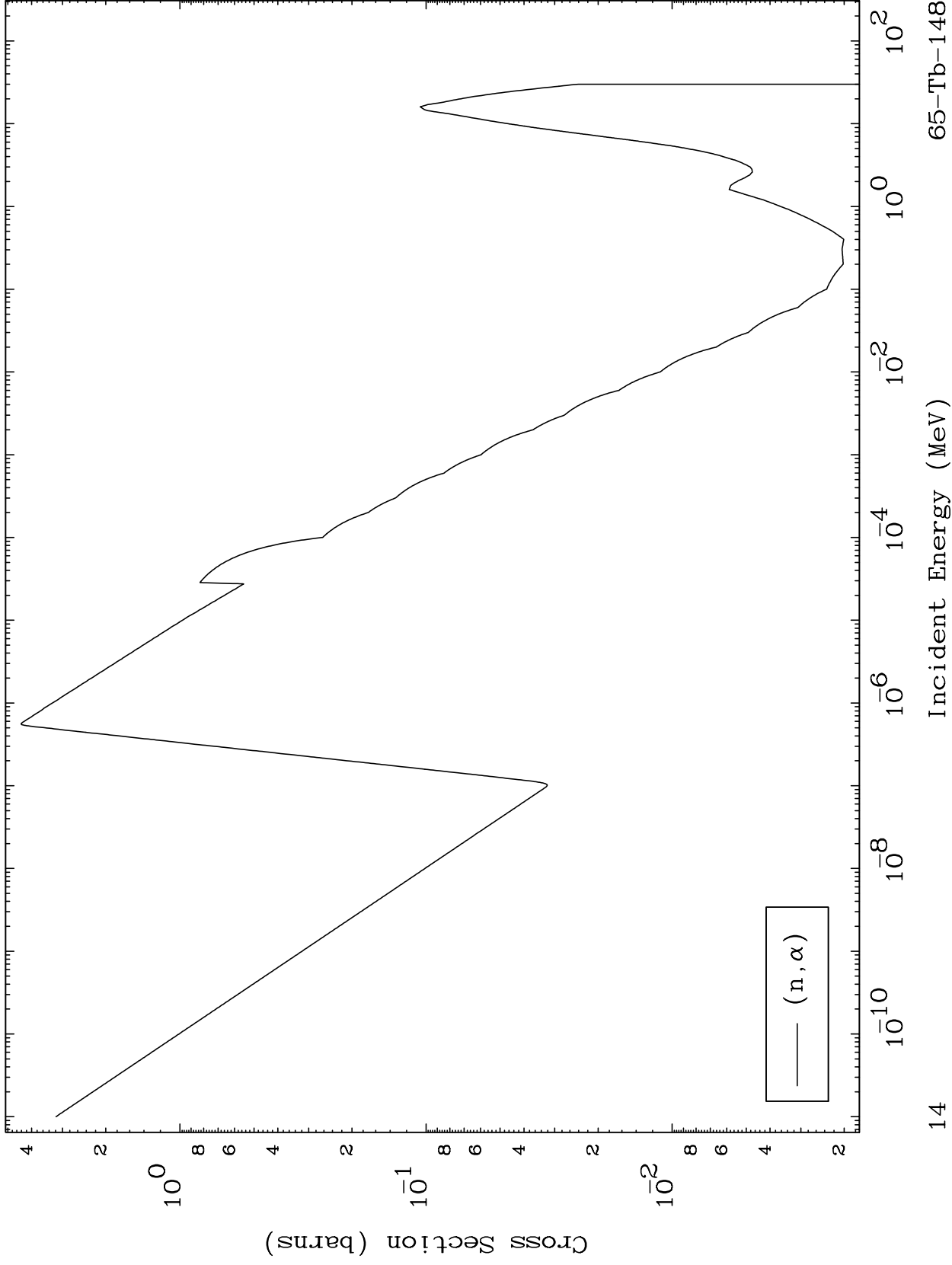
Incident Energy (MeV)

65-Tb-148

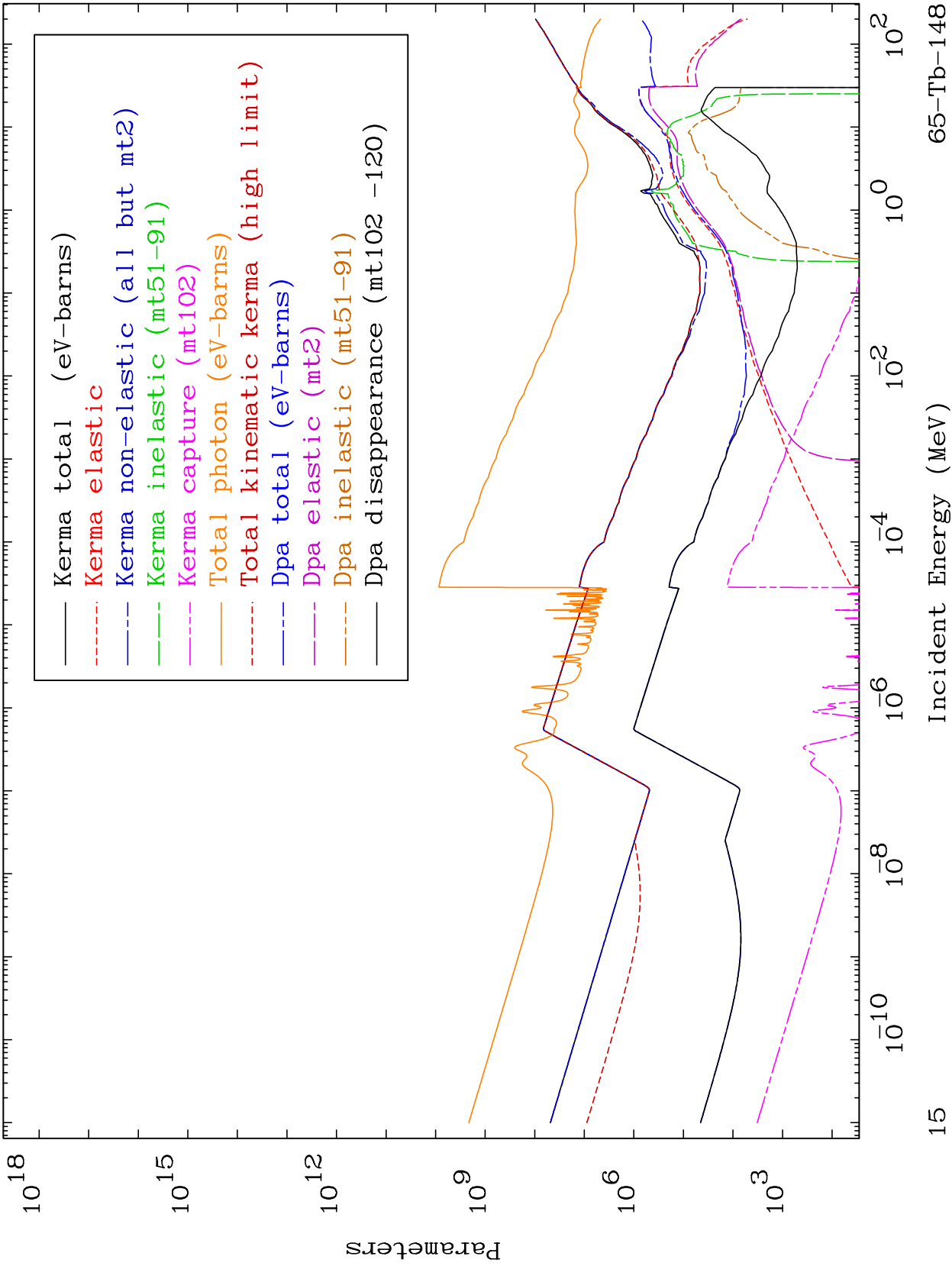
MAT 6493

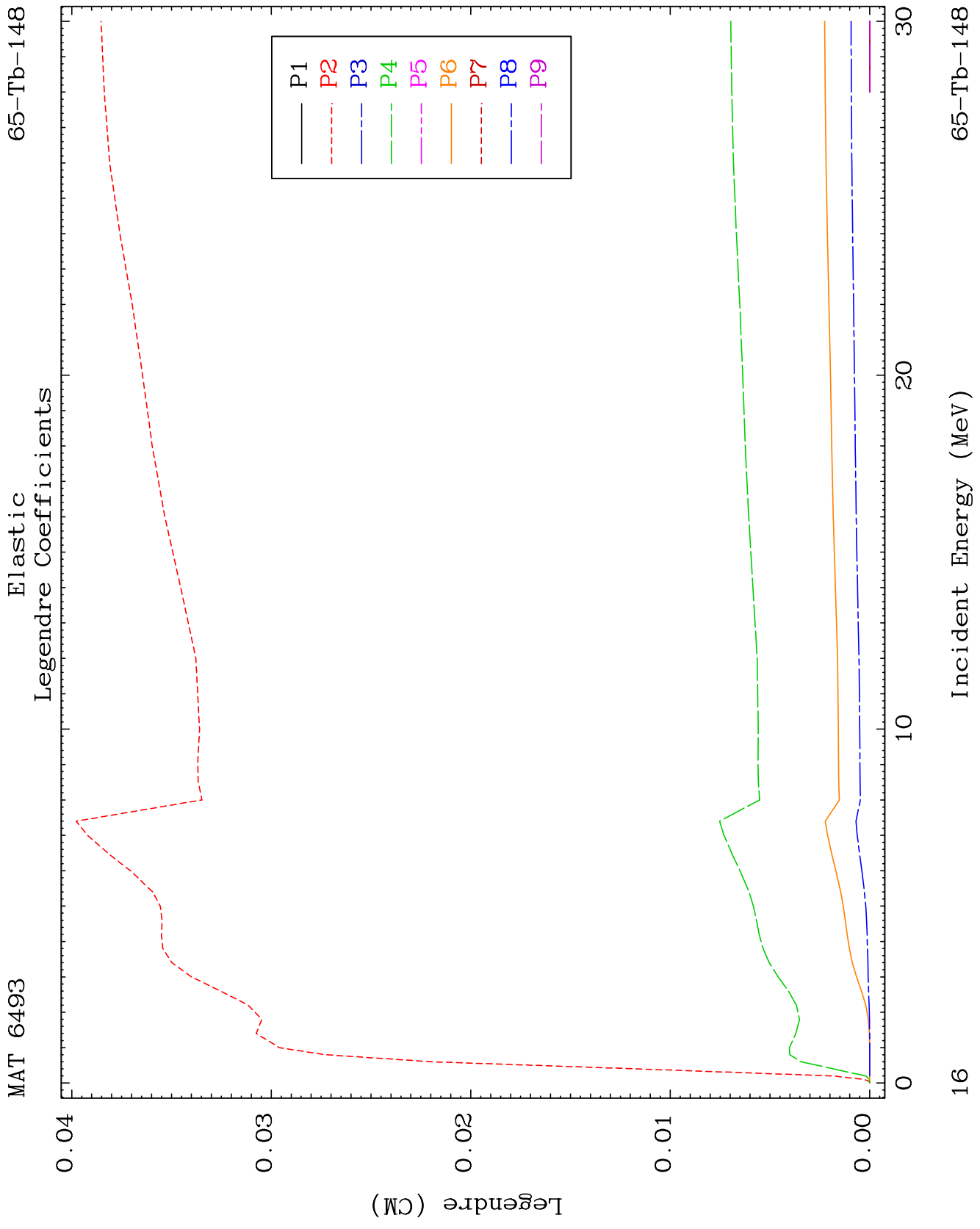
(n, α) Levels
293 Kelvin Cross Sections

65-Tb-148



65-Tb-148

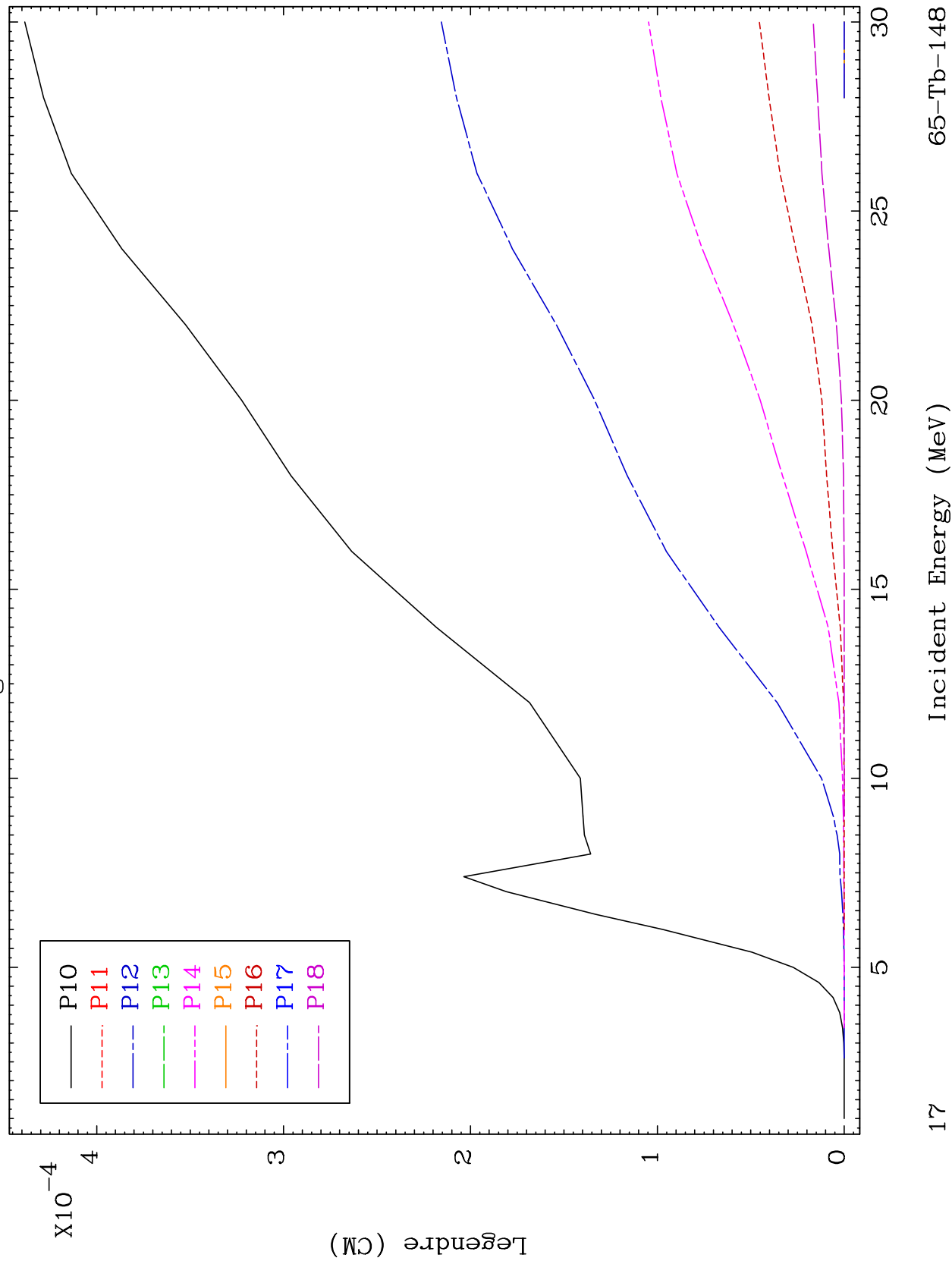




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Elastic Legendre Coefficients

65-Tb-148



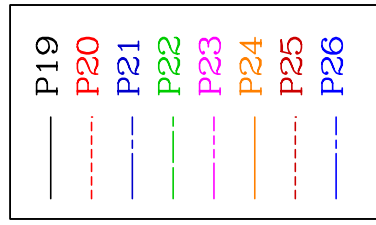
17

65-Tb-148

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Elastic Legendre Coefficients

65-Tb-148



$\times 10^{-63}$

Legendre (CM)



18

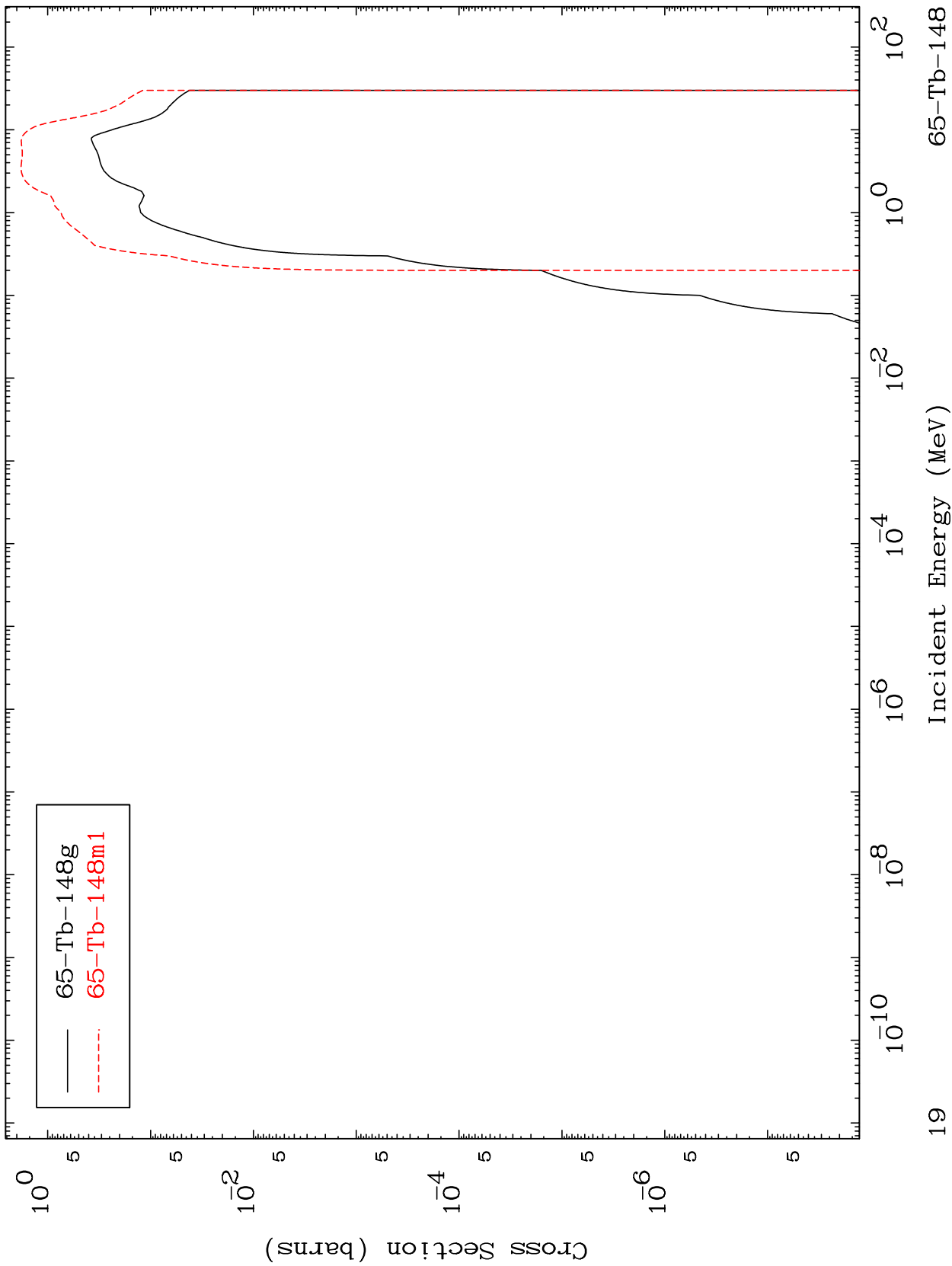
Incident Energy (MeV)

65-Tb-148

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65-Tb-148

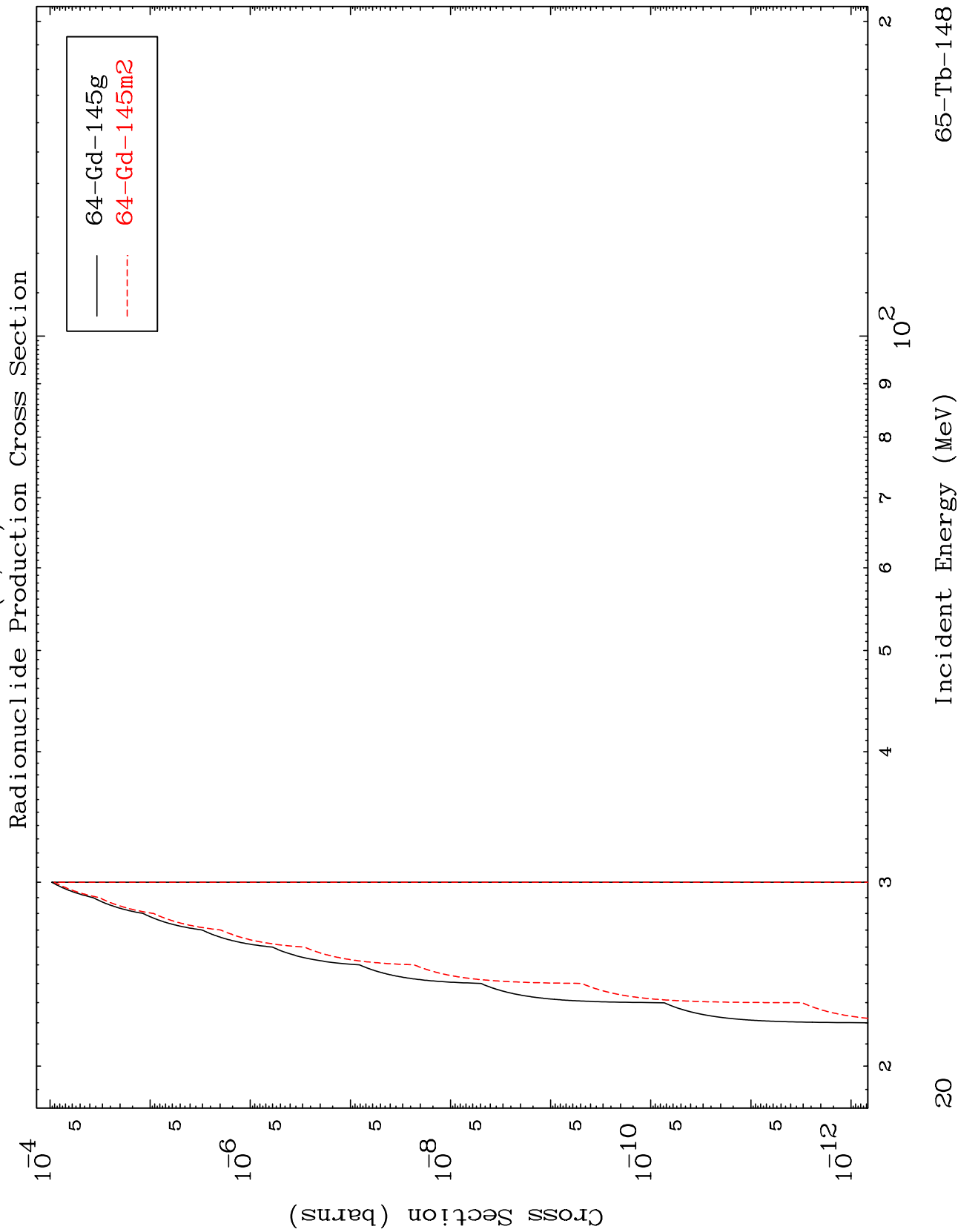
Inelastic
Radionuclide Production Cross Section



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(n,2n) d

65-Tb-148



20

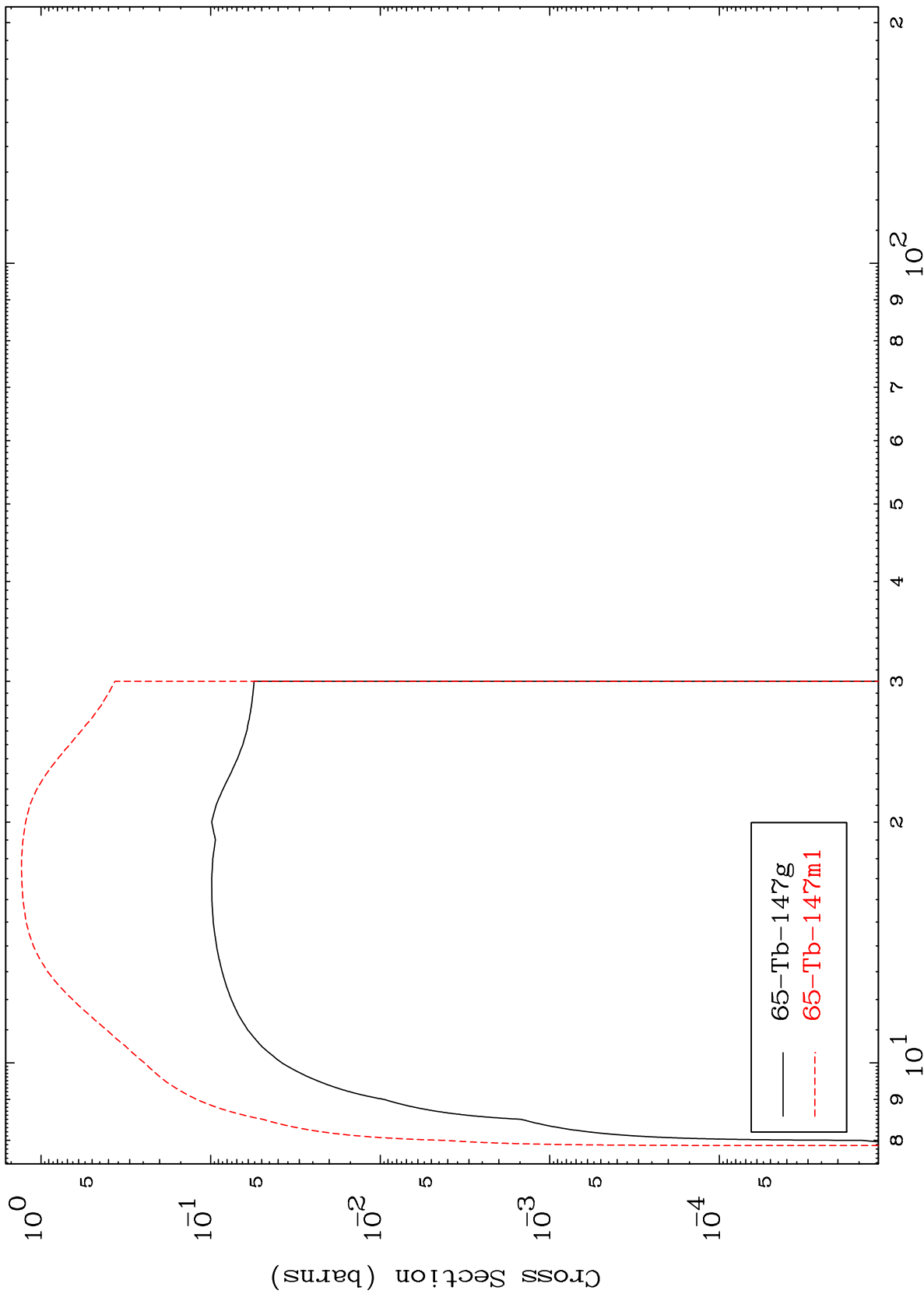
Incident Energy (MeV)

65-Tb-148

MAT 6493

65-Tb-148

(n,2n)
Radionuclide Production Cross Section



65-Tb-148

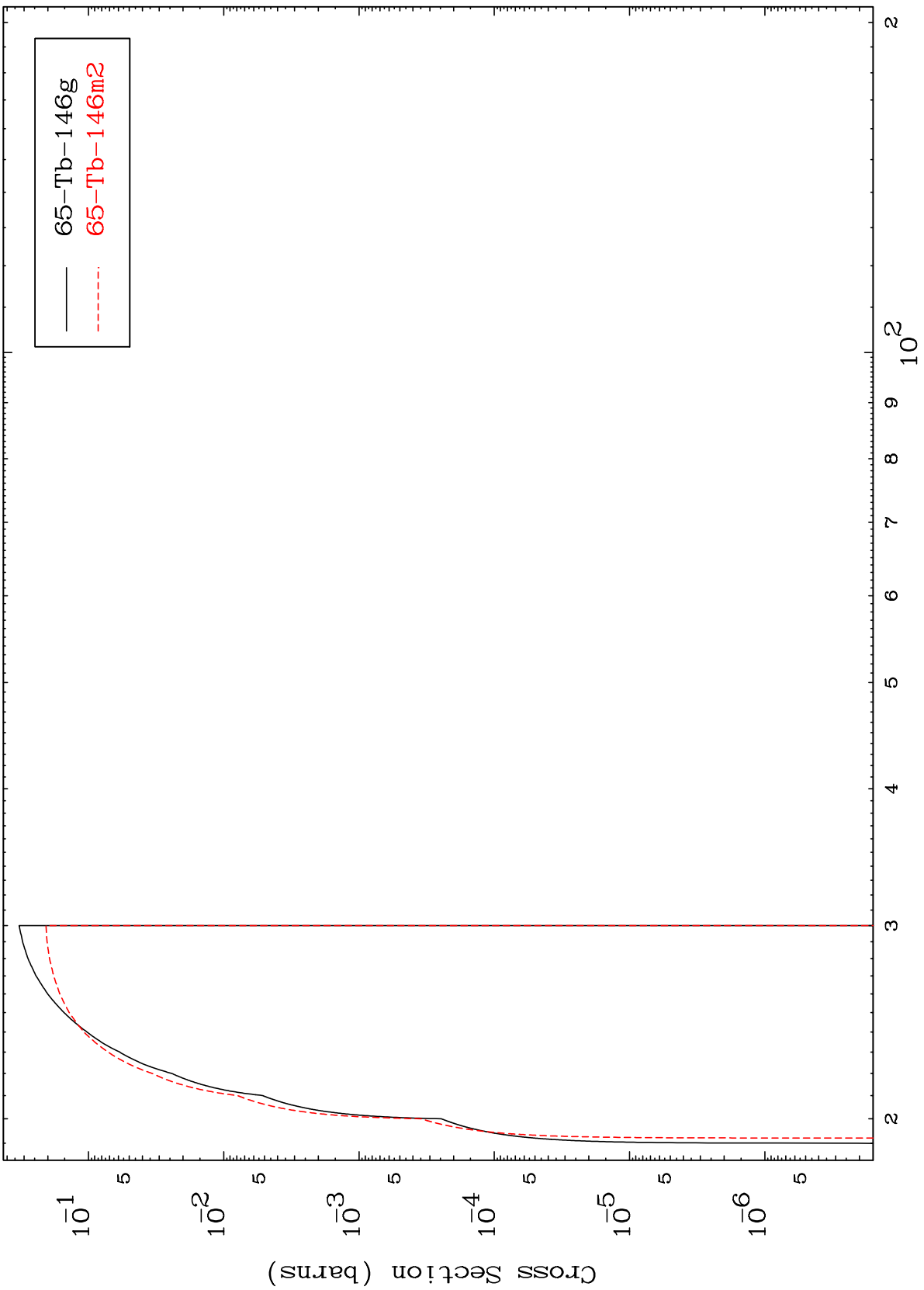
Incident Energy (MeV)

21

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65-Tb-148

(n,3n)
Radionuclide Production Cross Section



65-Tb-148

Incident Energy (MeV)

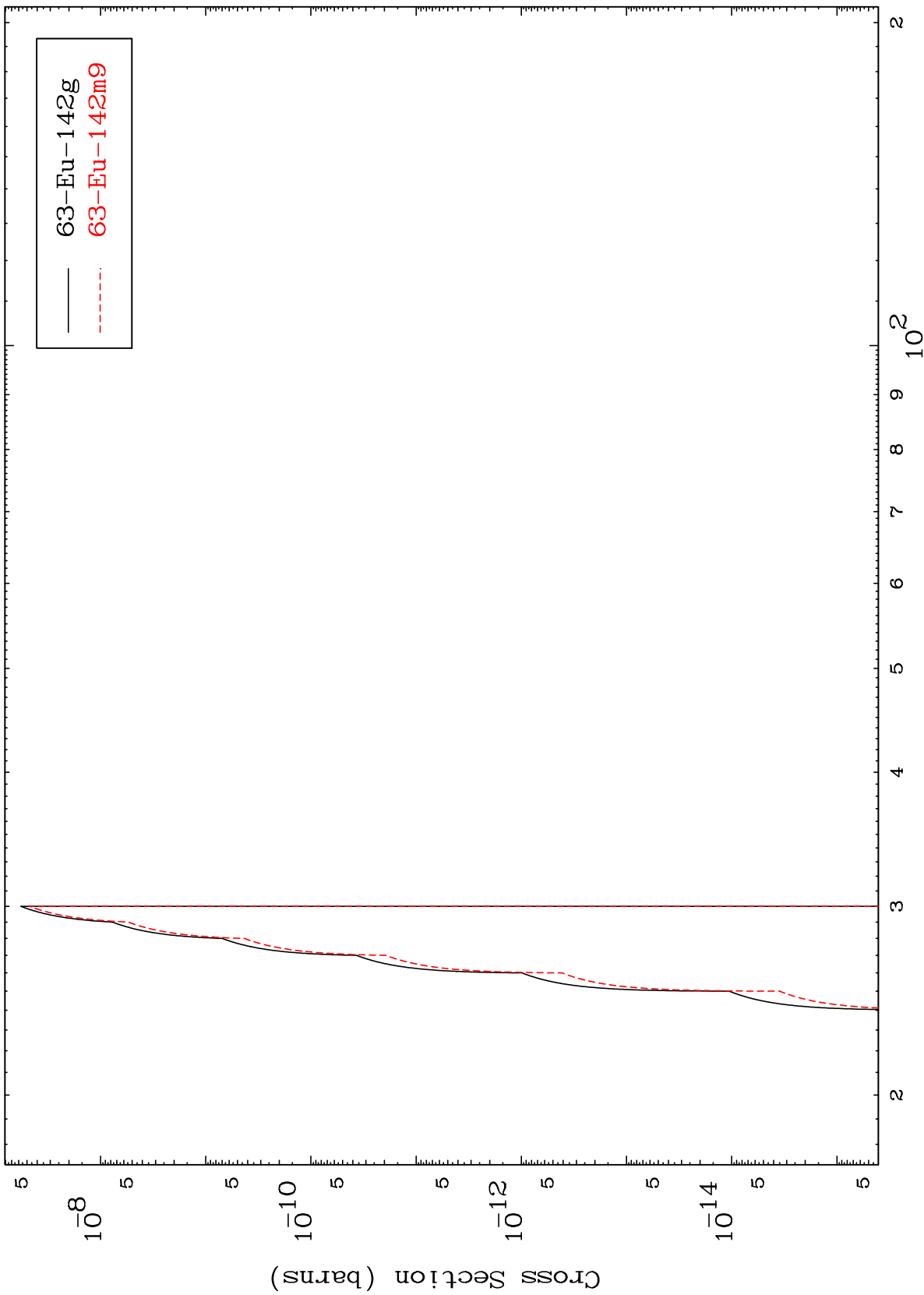
22

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(n,3n) α

65-Tb-148

Radionuclide Production Cross Section



23

Incident Energy (MeV)

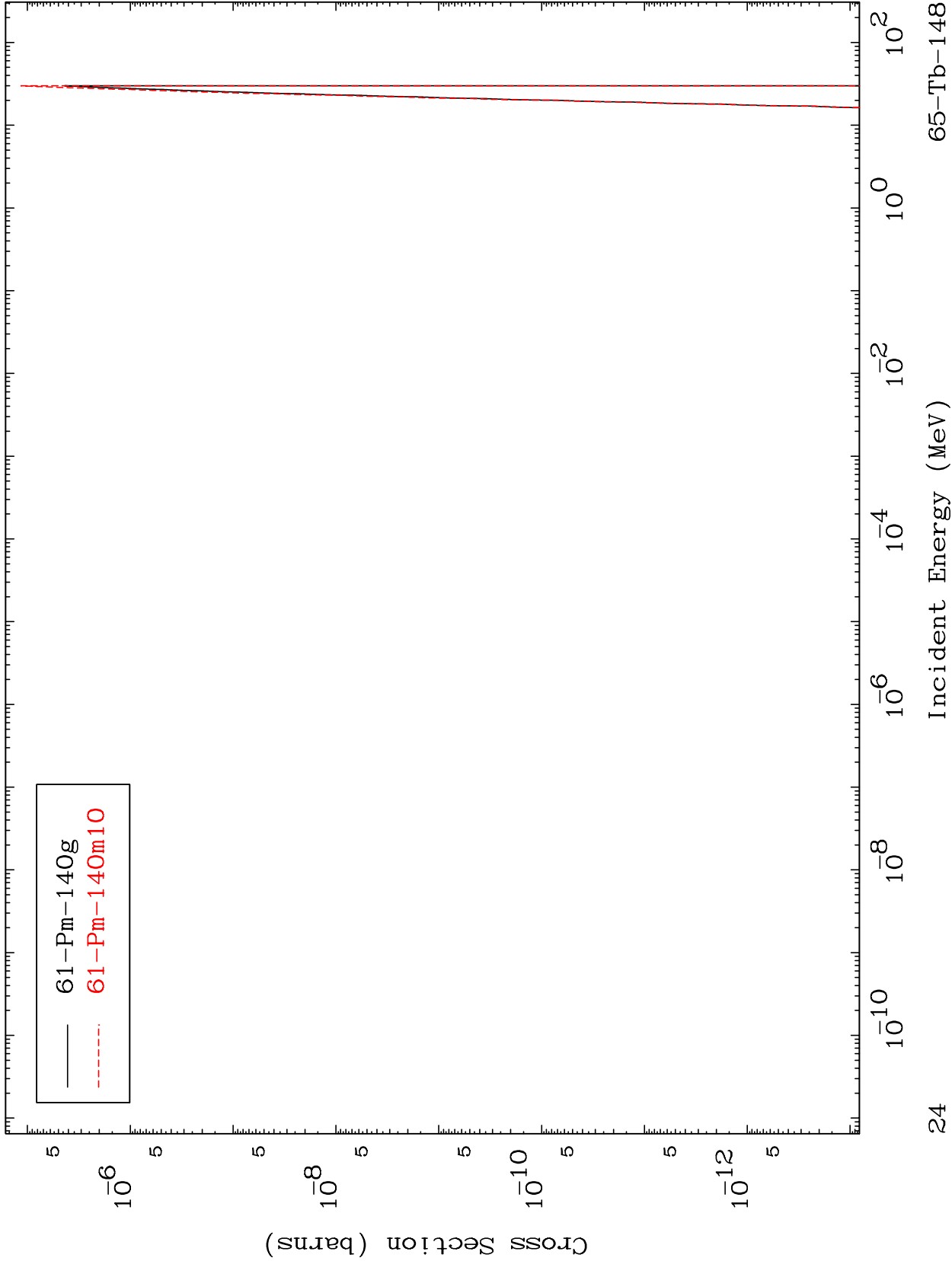
65-Tb-148

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(n,n') 2 α

65-Tb-148

Radionuclide Production Cross Section

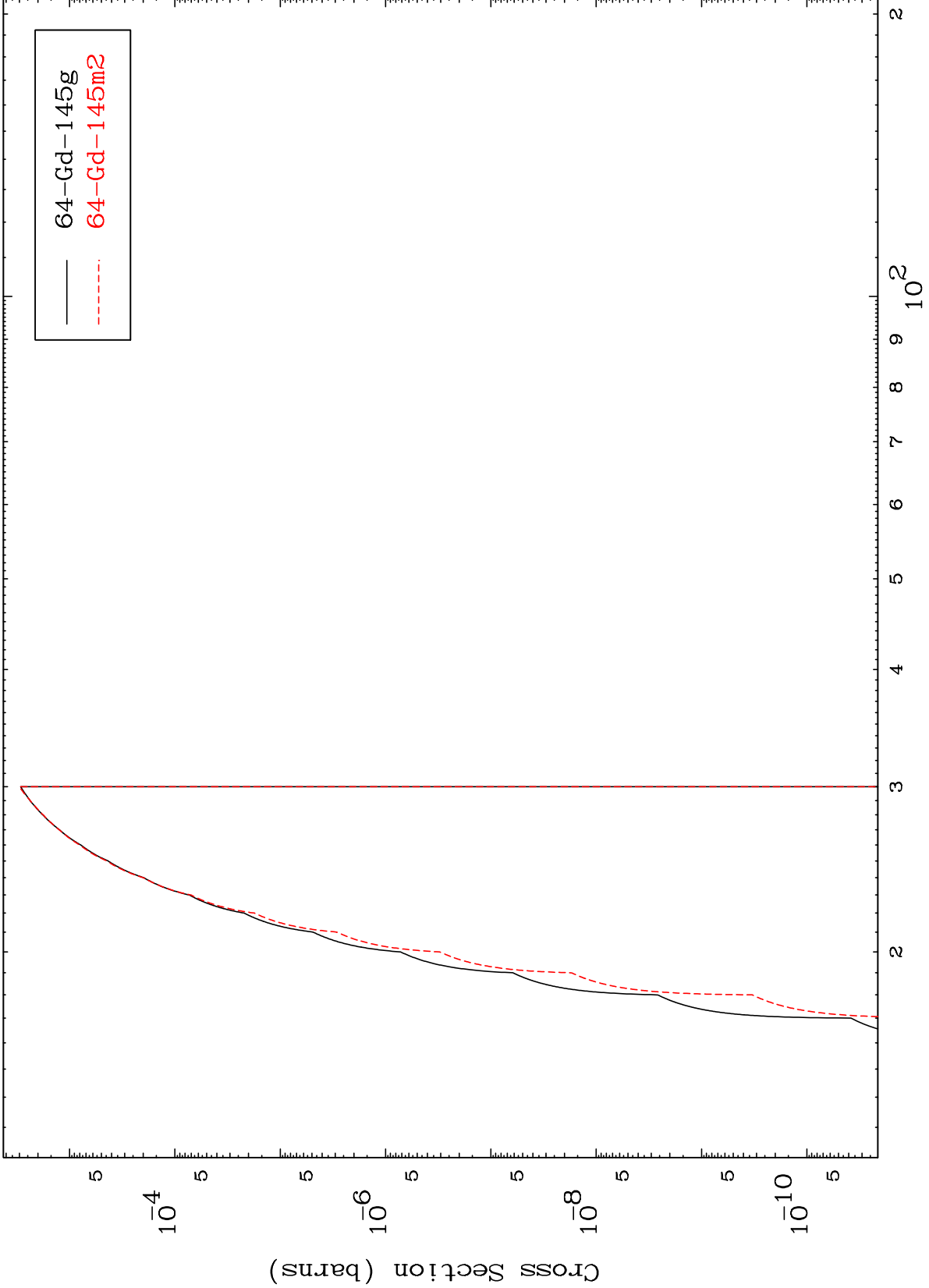


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(n,n') t

65-Tb-148

Radionuclide Production Cross Section



25

Incident Energy (MeV)

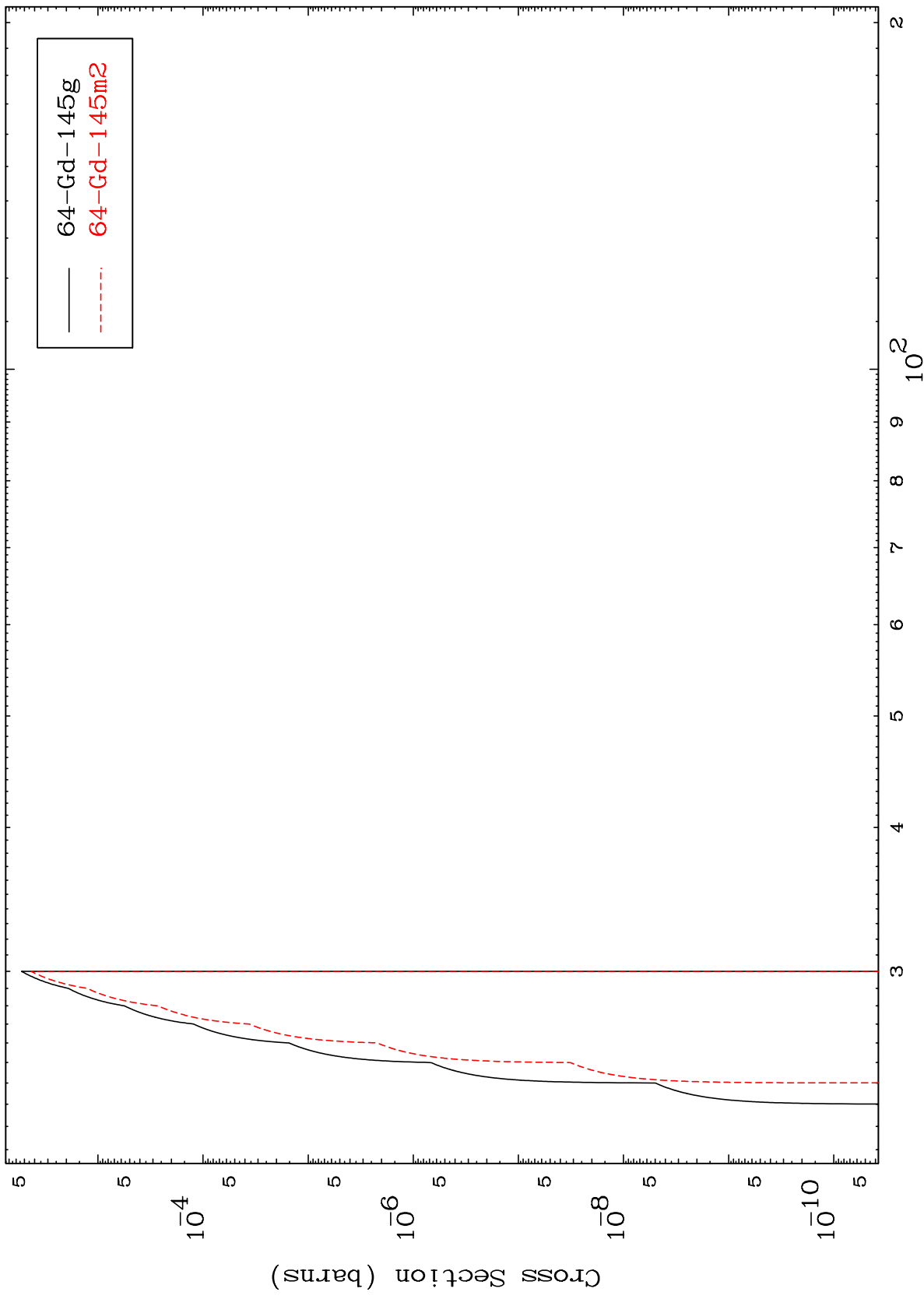
65-Tb-148

MAT 6493

(n,3n) p

65-Tb-148

Radionuclide Production Cross Section



26

Incident Energy (MeV)

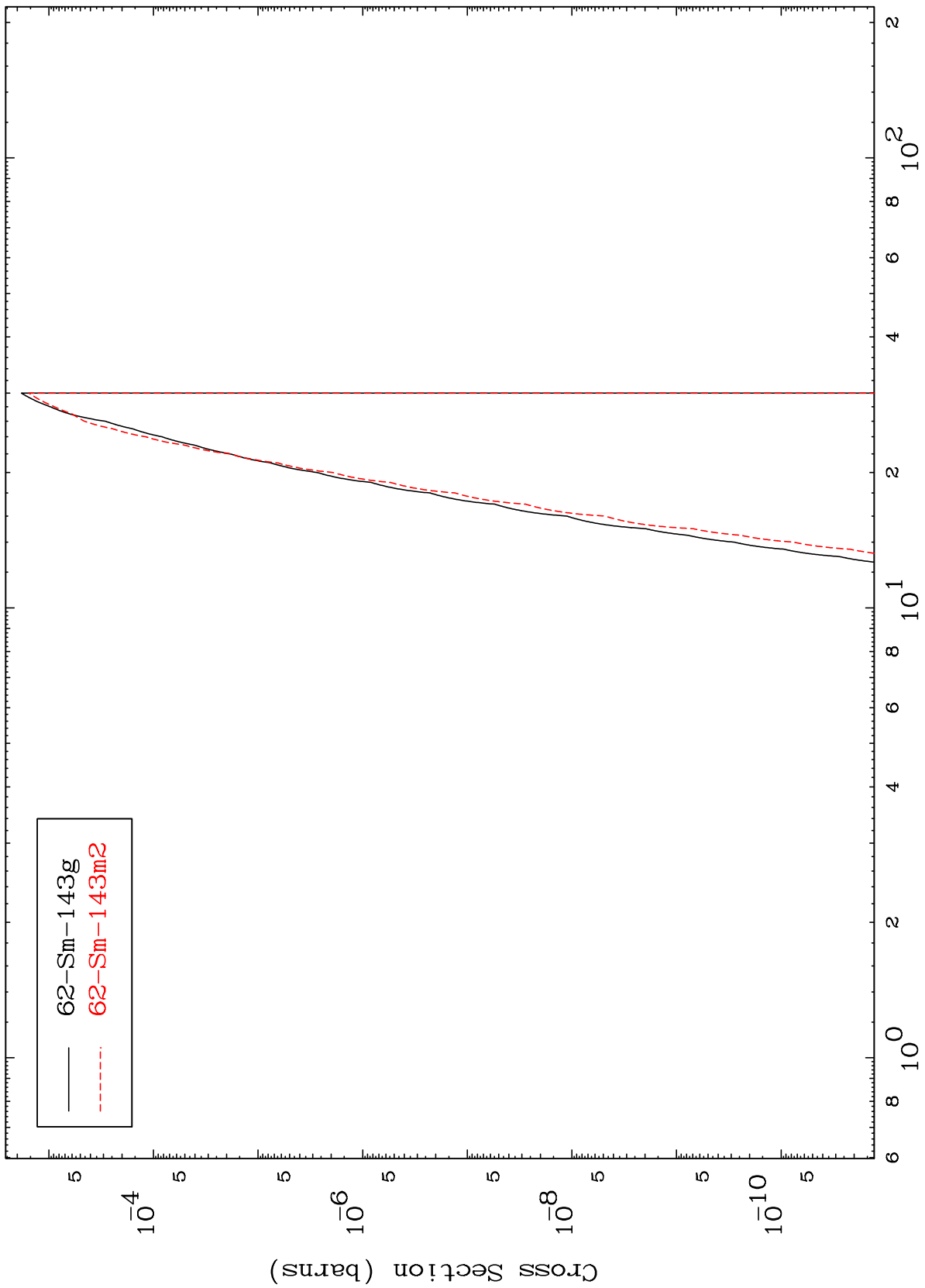
65-Tb-148

MAT 6493

(n,n') p α

65-Tb-148

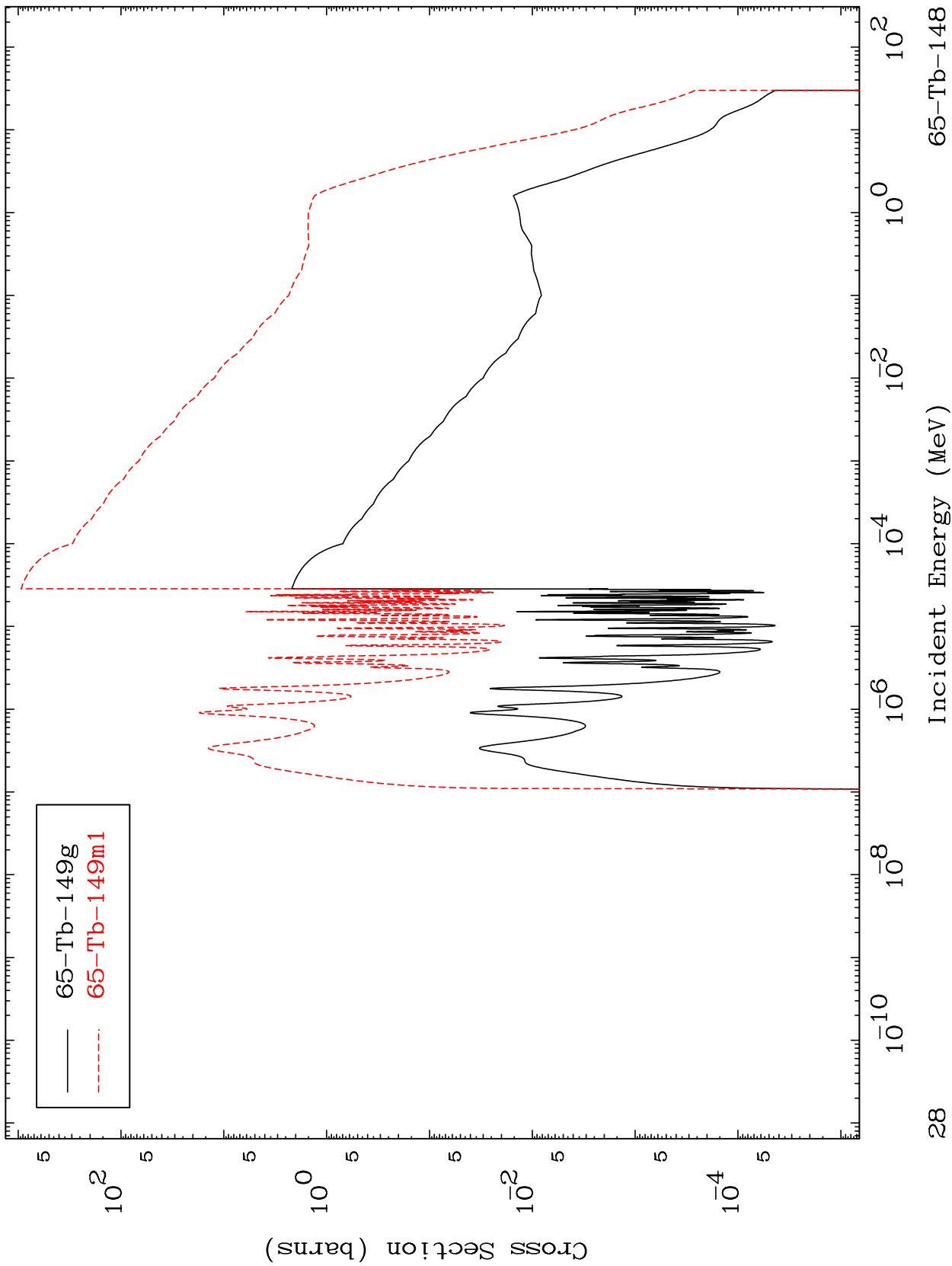
Radionuclide Production Cross Section



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65-Tb-148

Radionuclide Production Cross Section
(n, γ)



MAT 6493

(n,d) α

65-Tb-148

Radionuclide Production Cross Section

