

Program EVALPLOT
(Version 2021-1)

by

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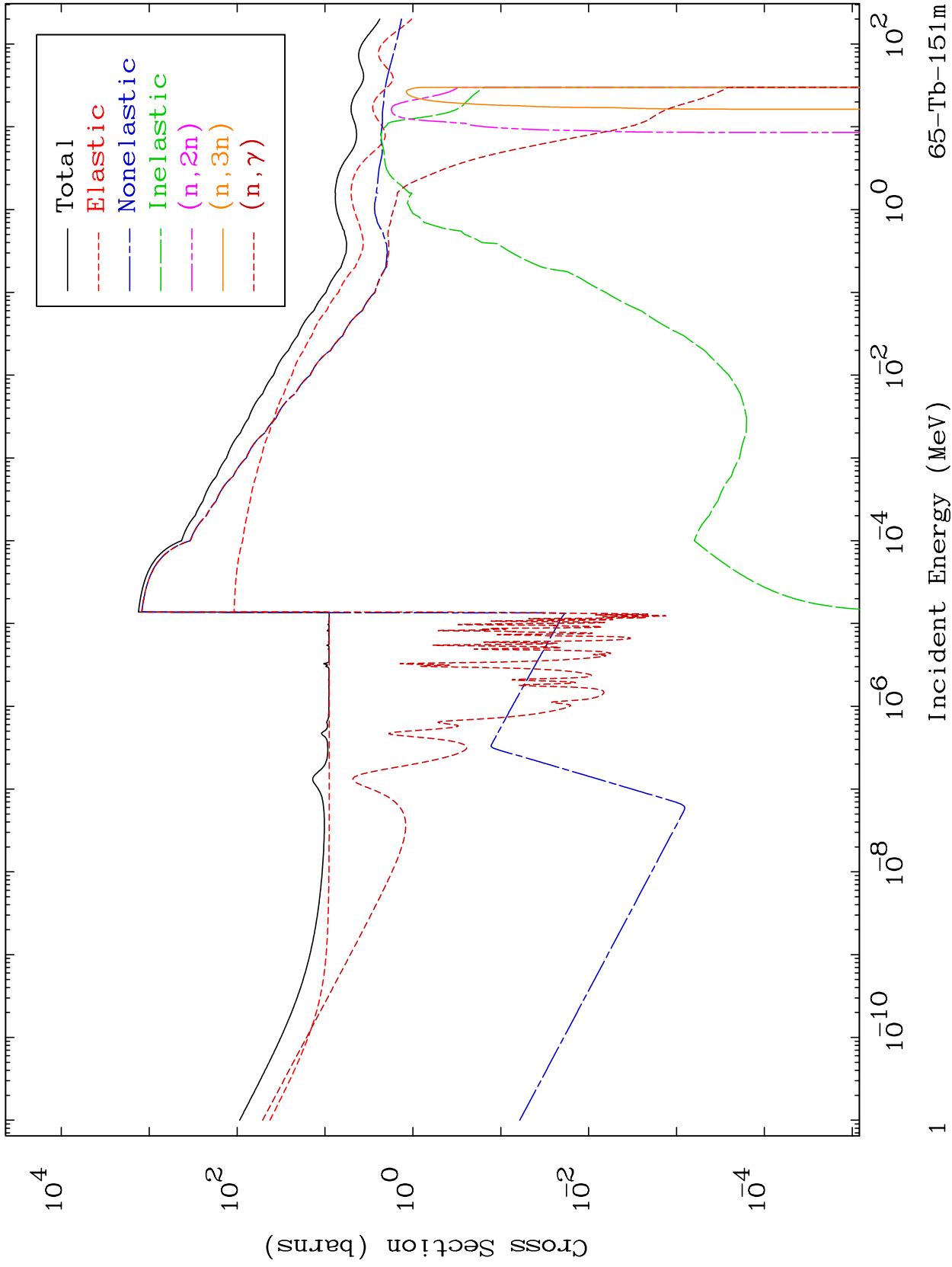
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6502

Neutron Major
293 Kelvin Cross Sections

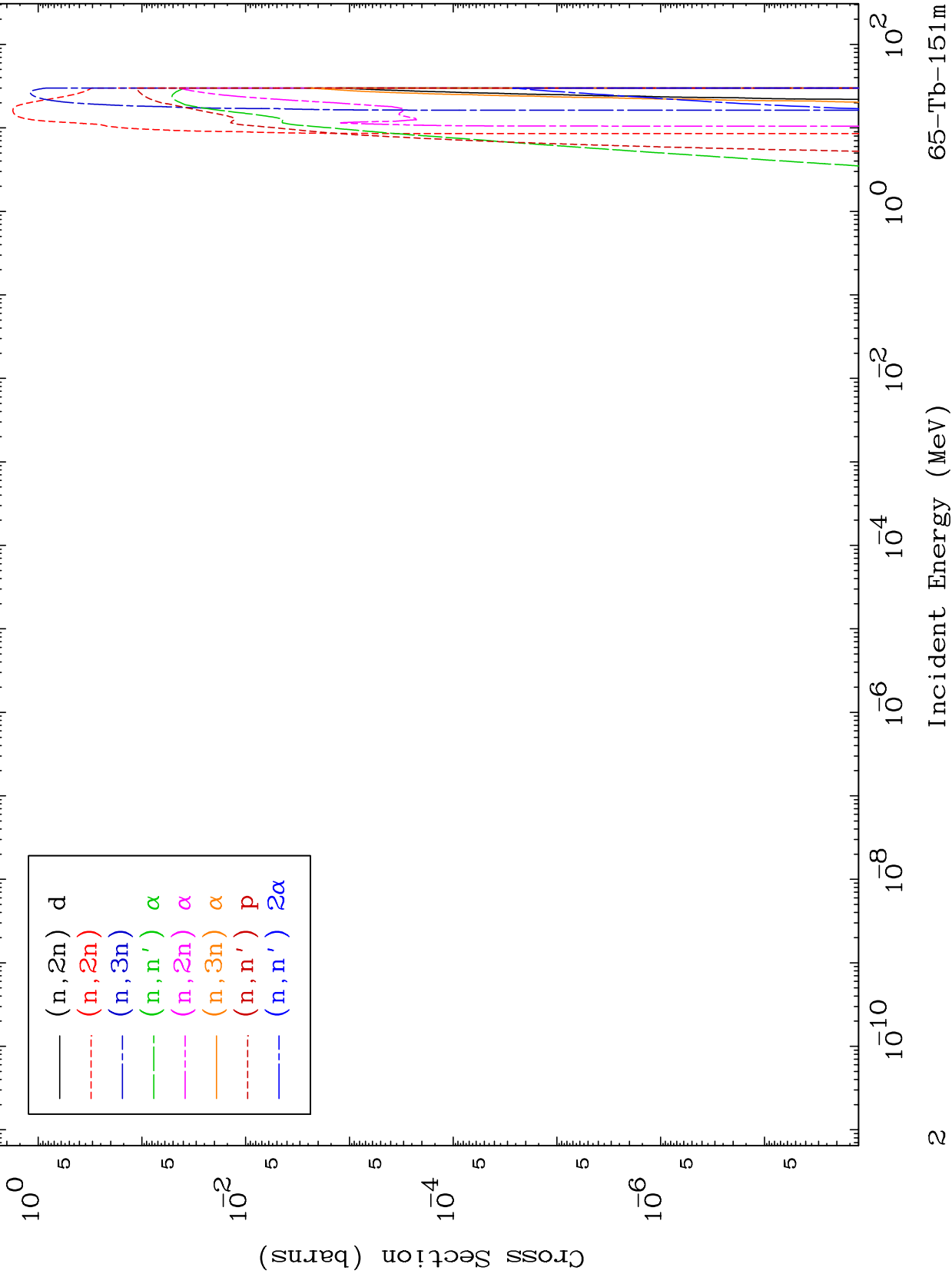
65-Tb-151m



MAT 6502

Neutron Absorption
293 Kelvin Cross Sections

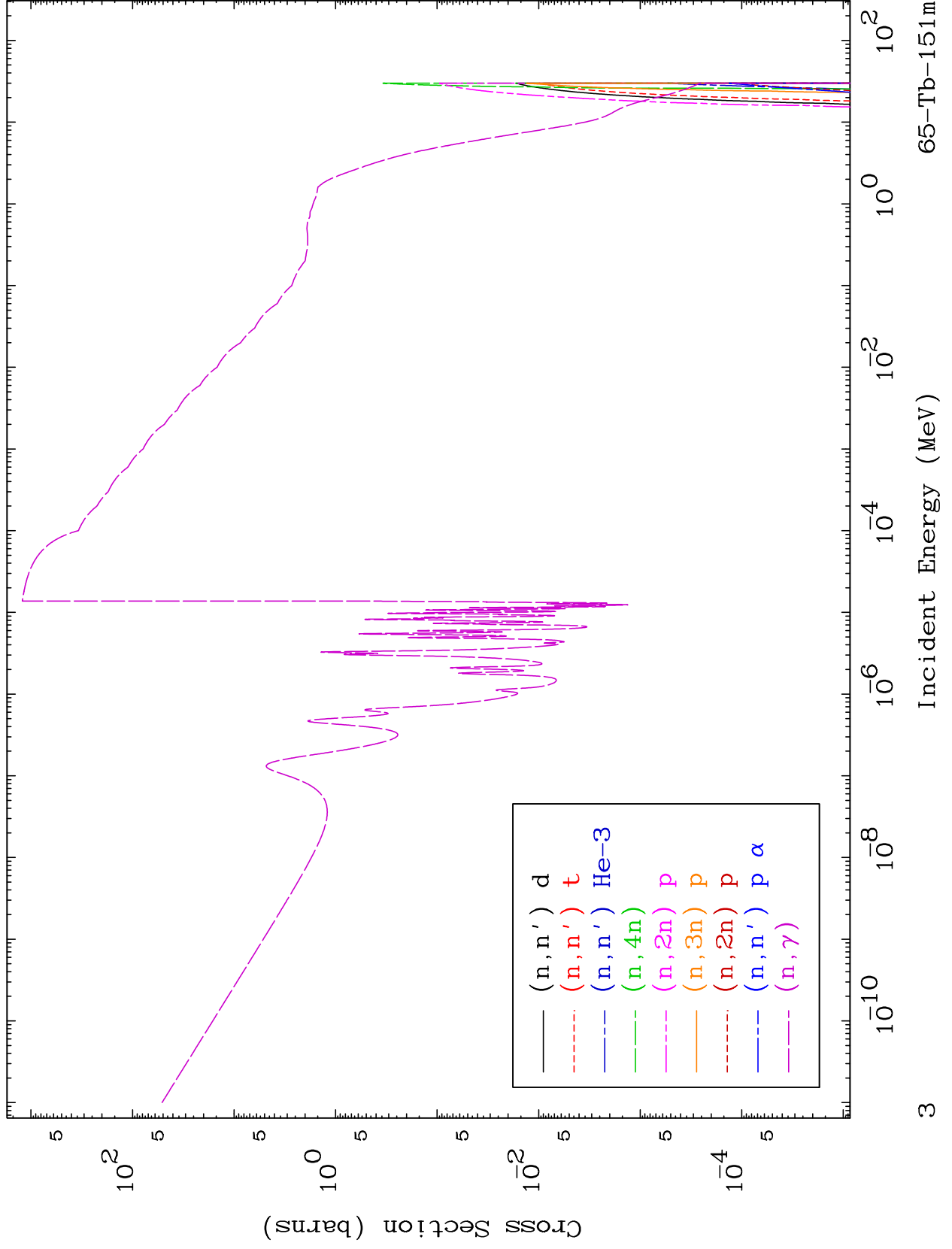
65-Tb-151m



MAT 6502

Neutron Absorption
293 Kelvin Cross Sections

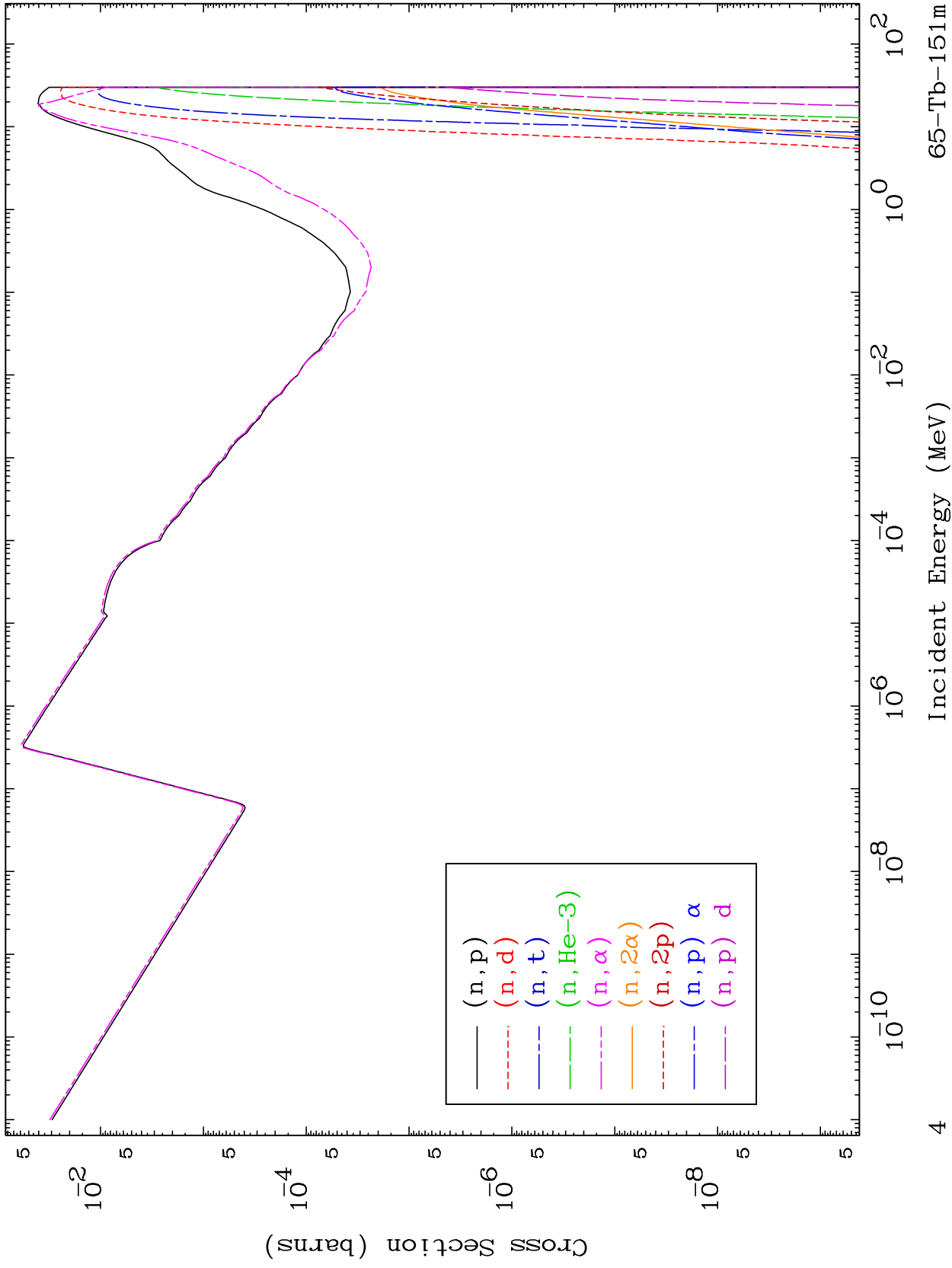
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Neutron Absorption
293 Kelvin Cross Sections

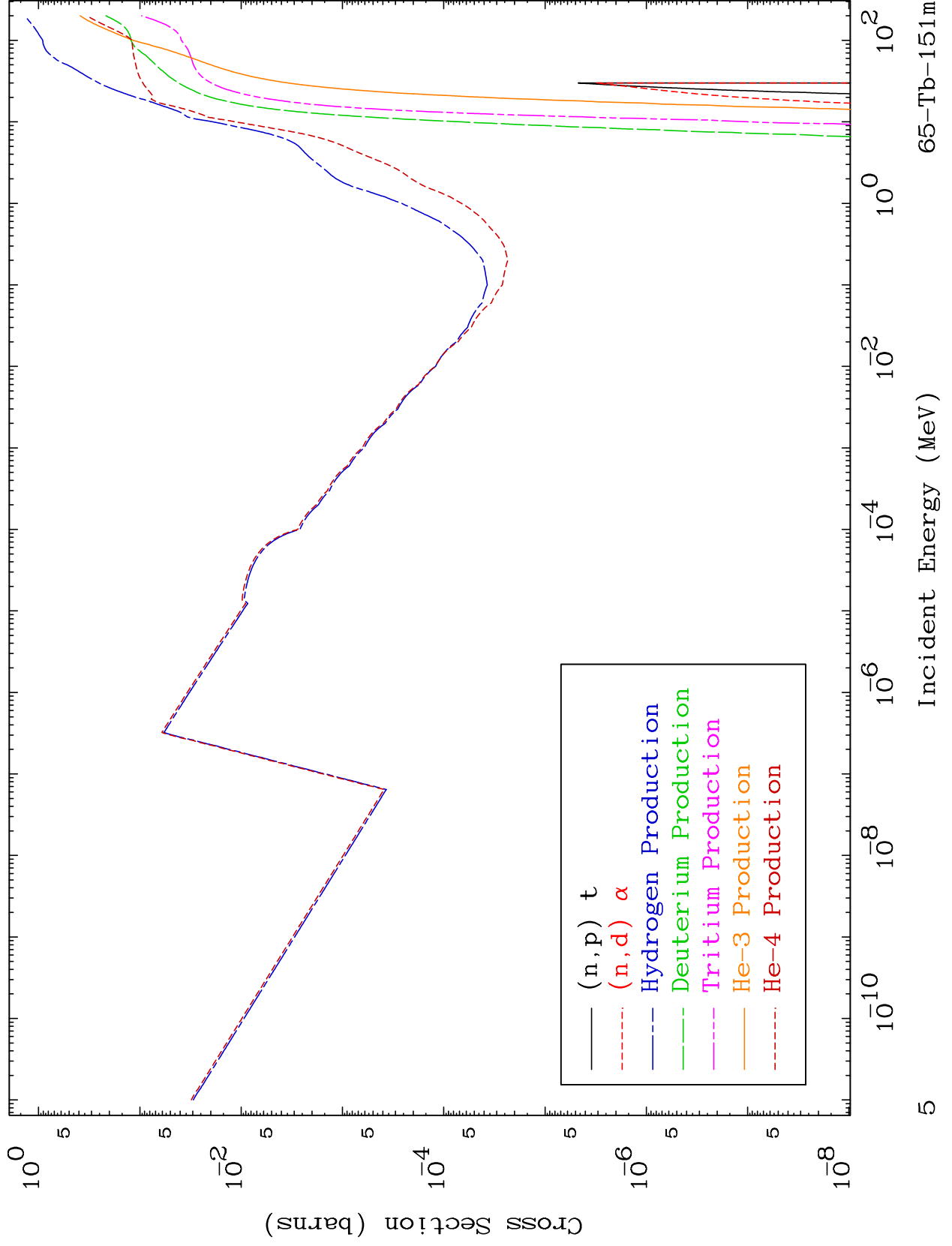
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Neutron Absorption
293 Kelvin Cross Sections

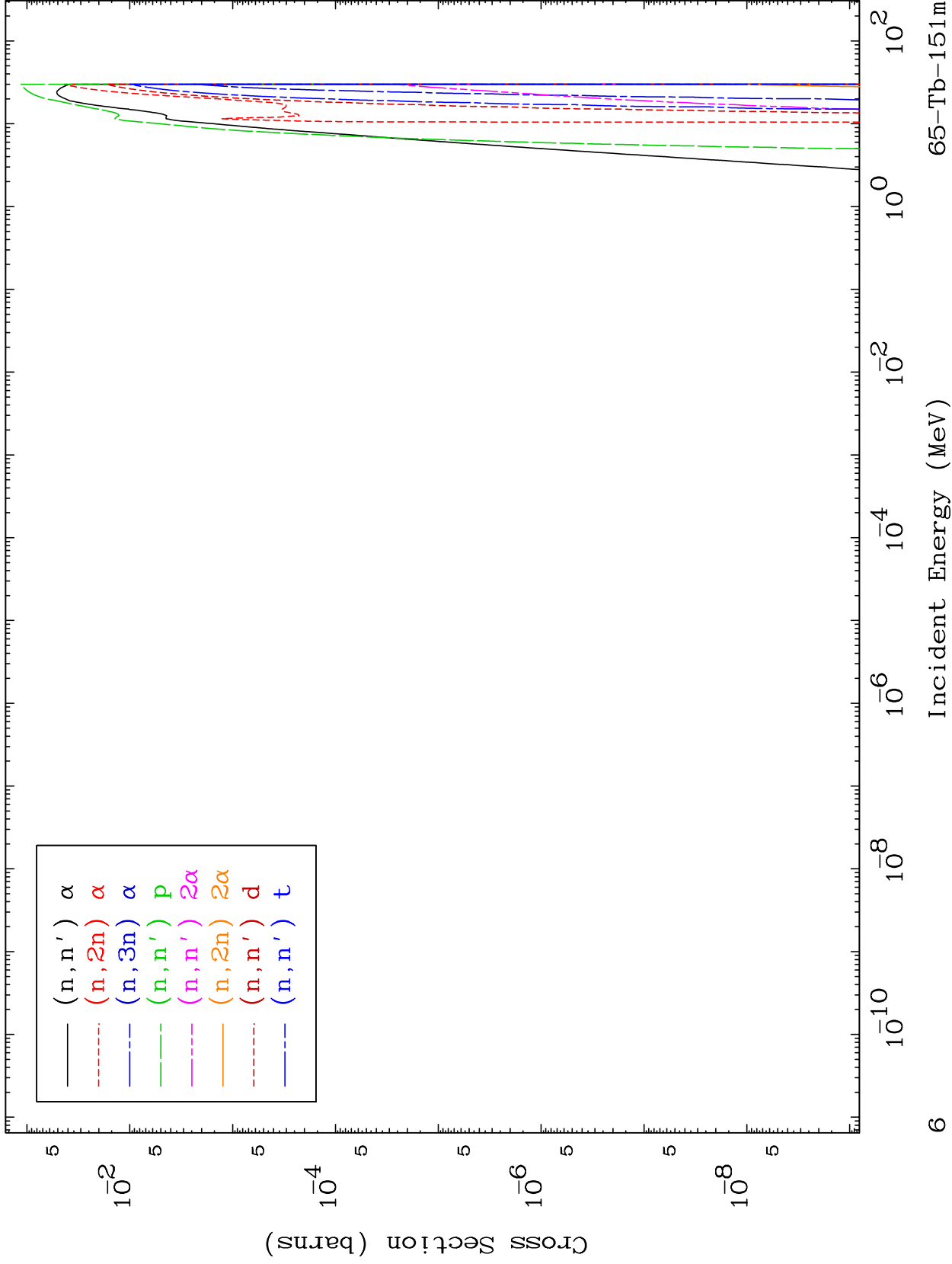
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MAT 6502

Charged Particle
293 Kelvin Cross Sections

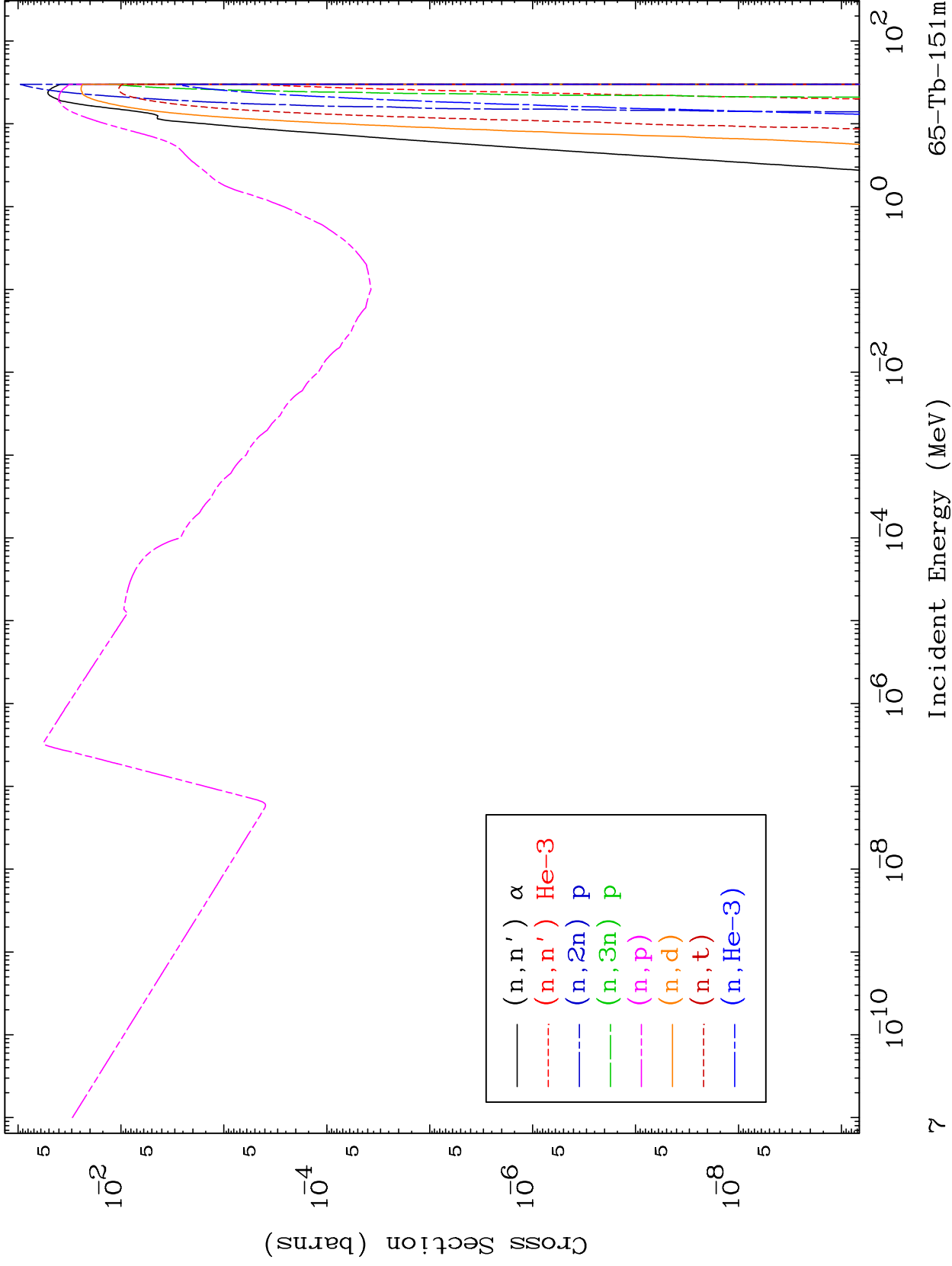
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Charged Particle
293 Kelvin Cross Sections

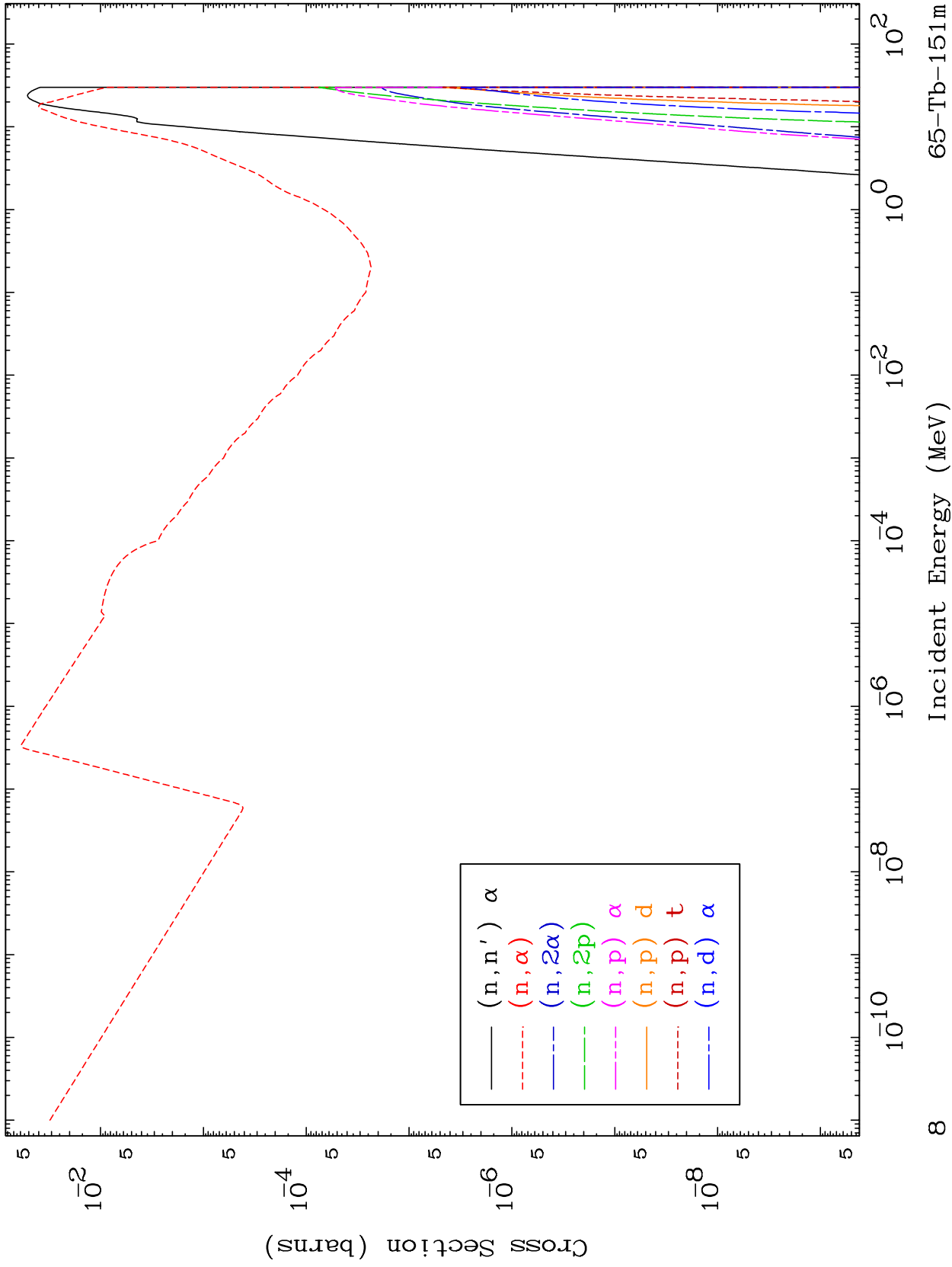
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Charged Particle
293 Kelvin Cross Sections

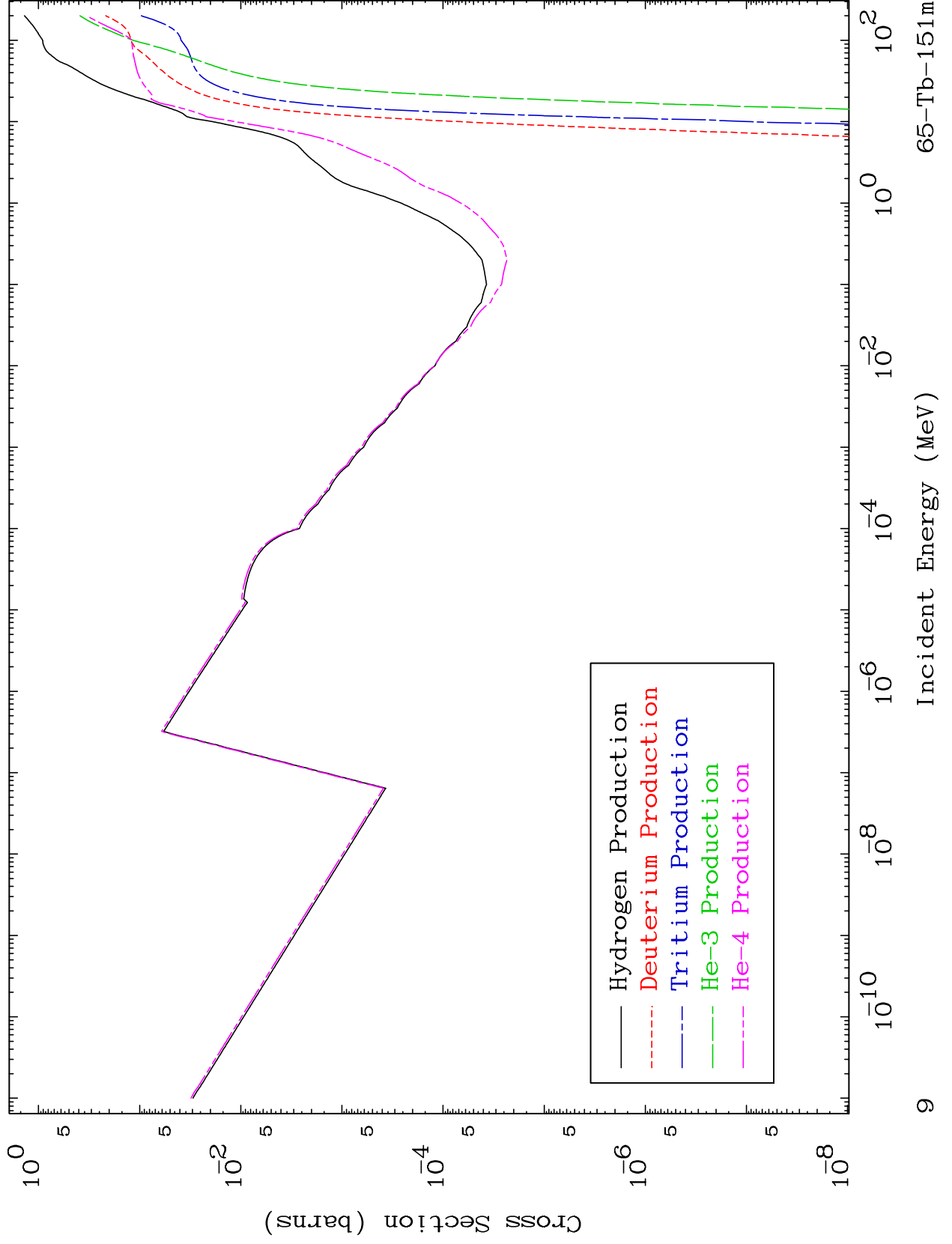
65-Tb-151m



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Particle Production
293 Kelvin Cross Sections

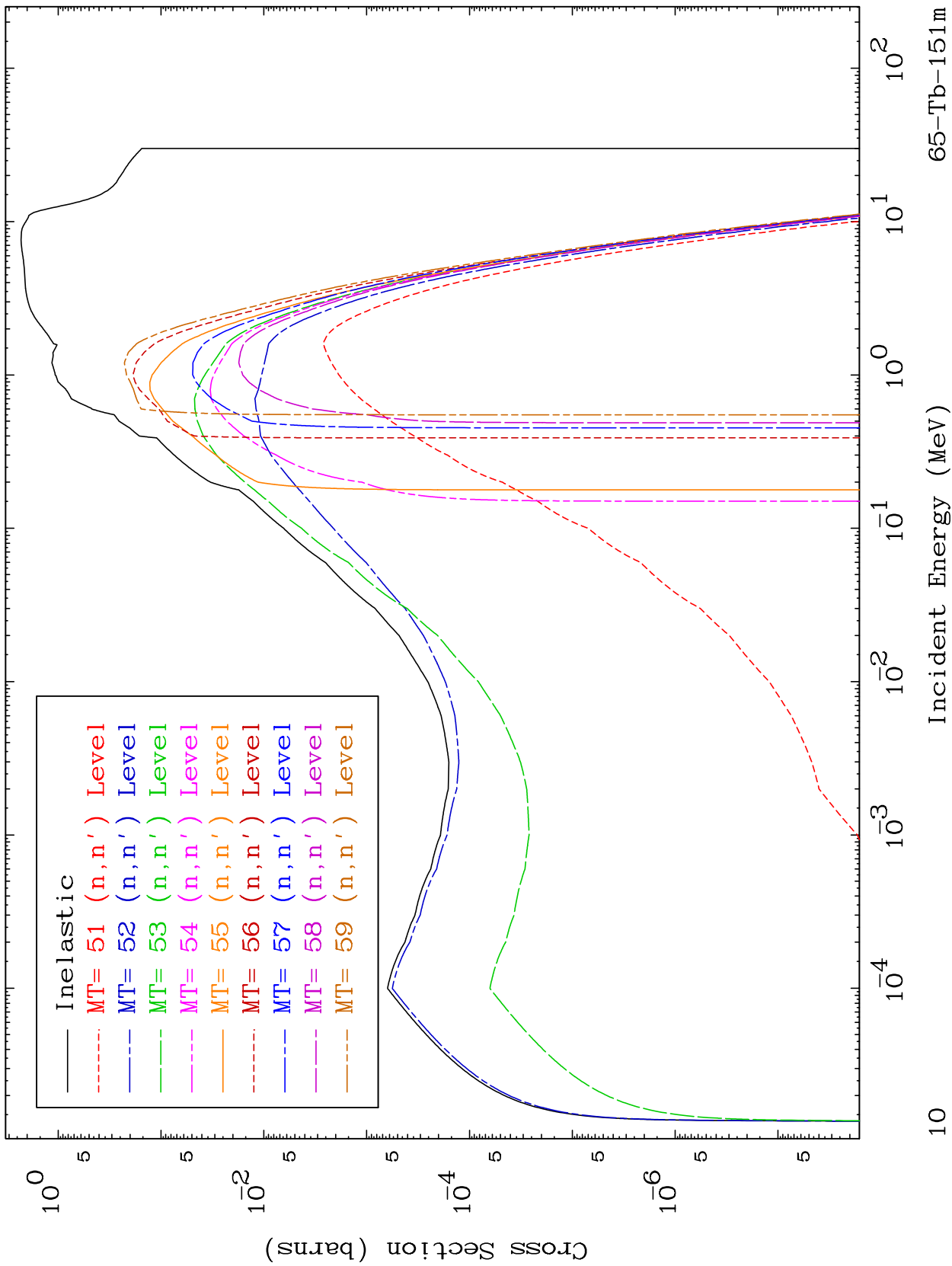
65-Tb-151m



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(n,n') Levels
293 Kelvin Cross Sections

65-Tb-151m



10

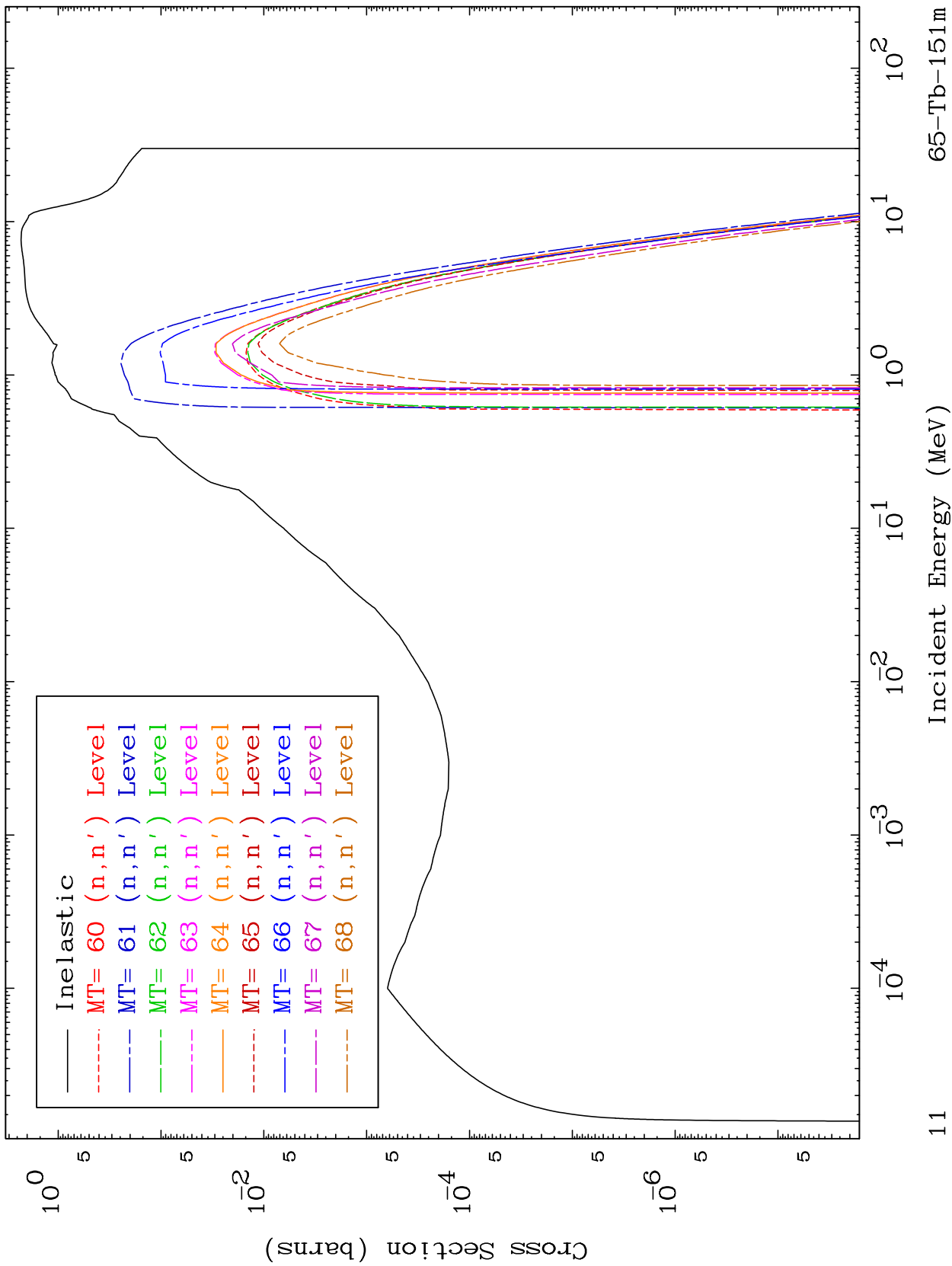
Incident Energy (MeV)

65-Tb-151m

MAT 6502

(n,n') Levels
293 Kelvin Cross Sections

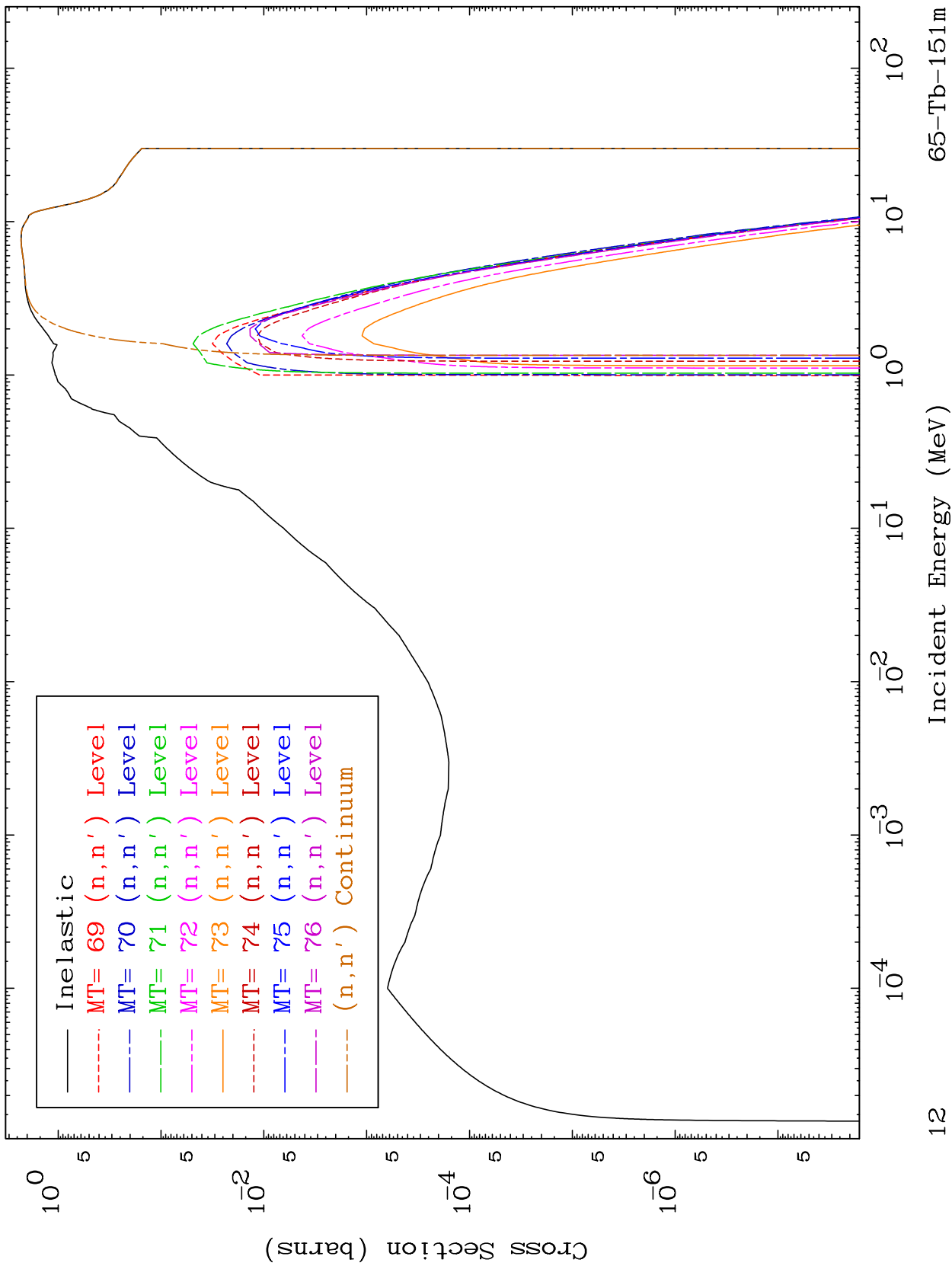
65-Tb-151m



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(n,n') Levels
293 Kelvin Cross Sections

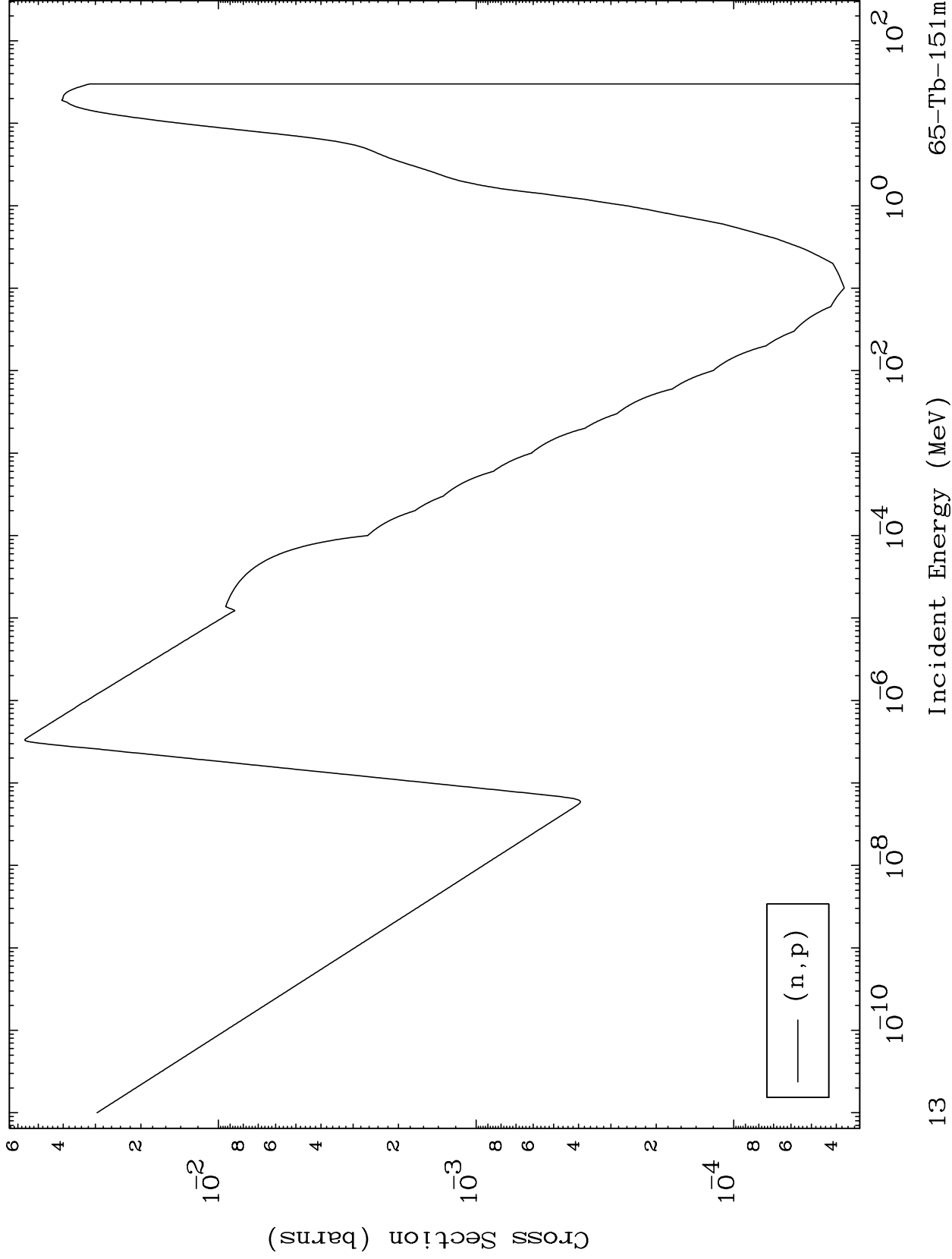
65-Tb-151m



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(n,p) Levels
293 Kelvin Cross Sections

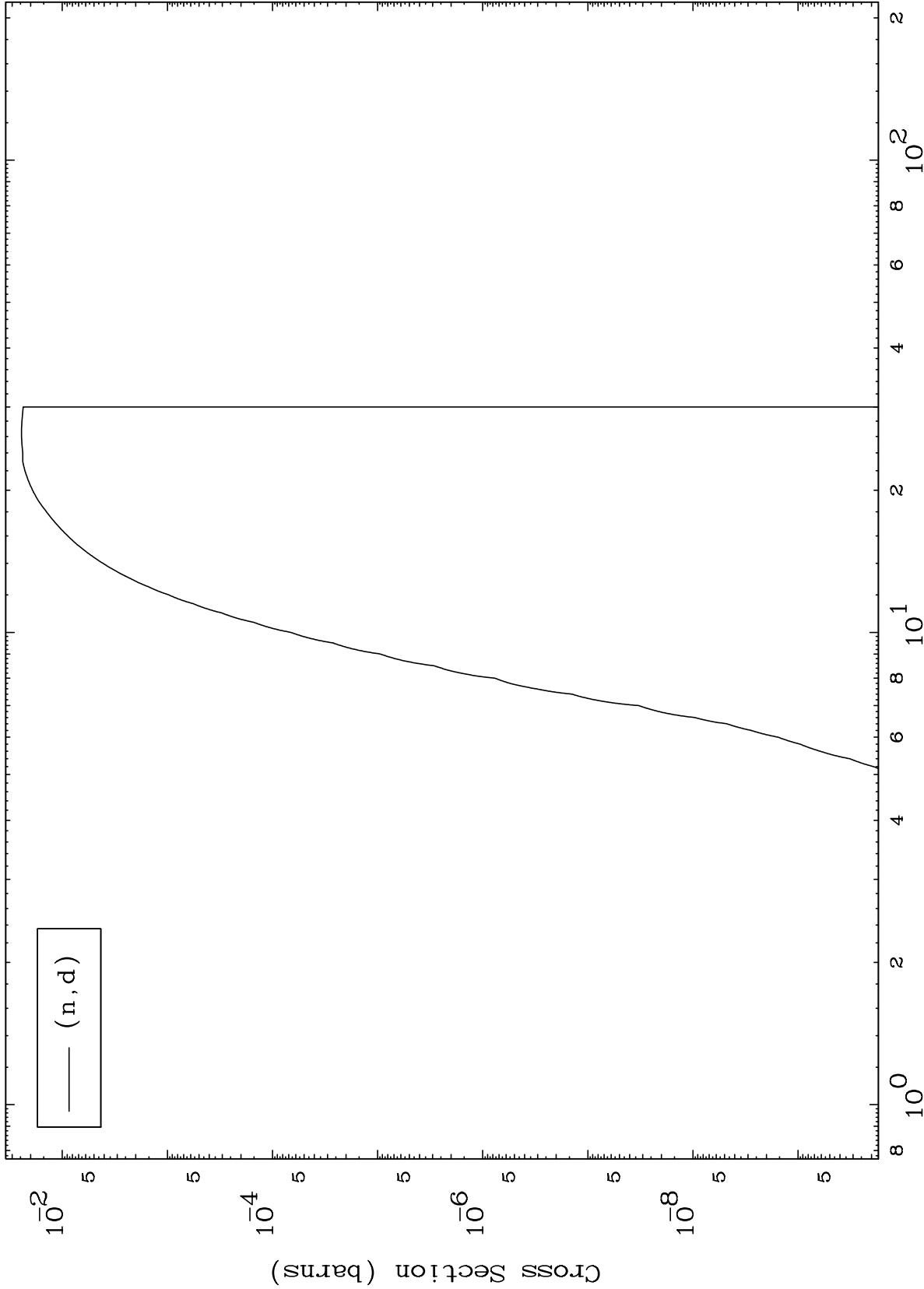
65-Tb-151m



MAT 6502

(n,d) Levels
293 Kelvin Cross Sections

65-Tb-151m



(n,d)

14

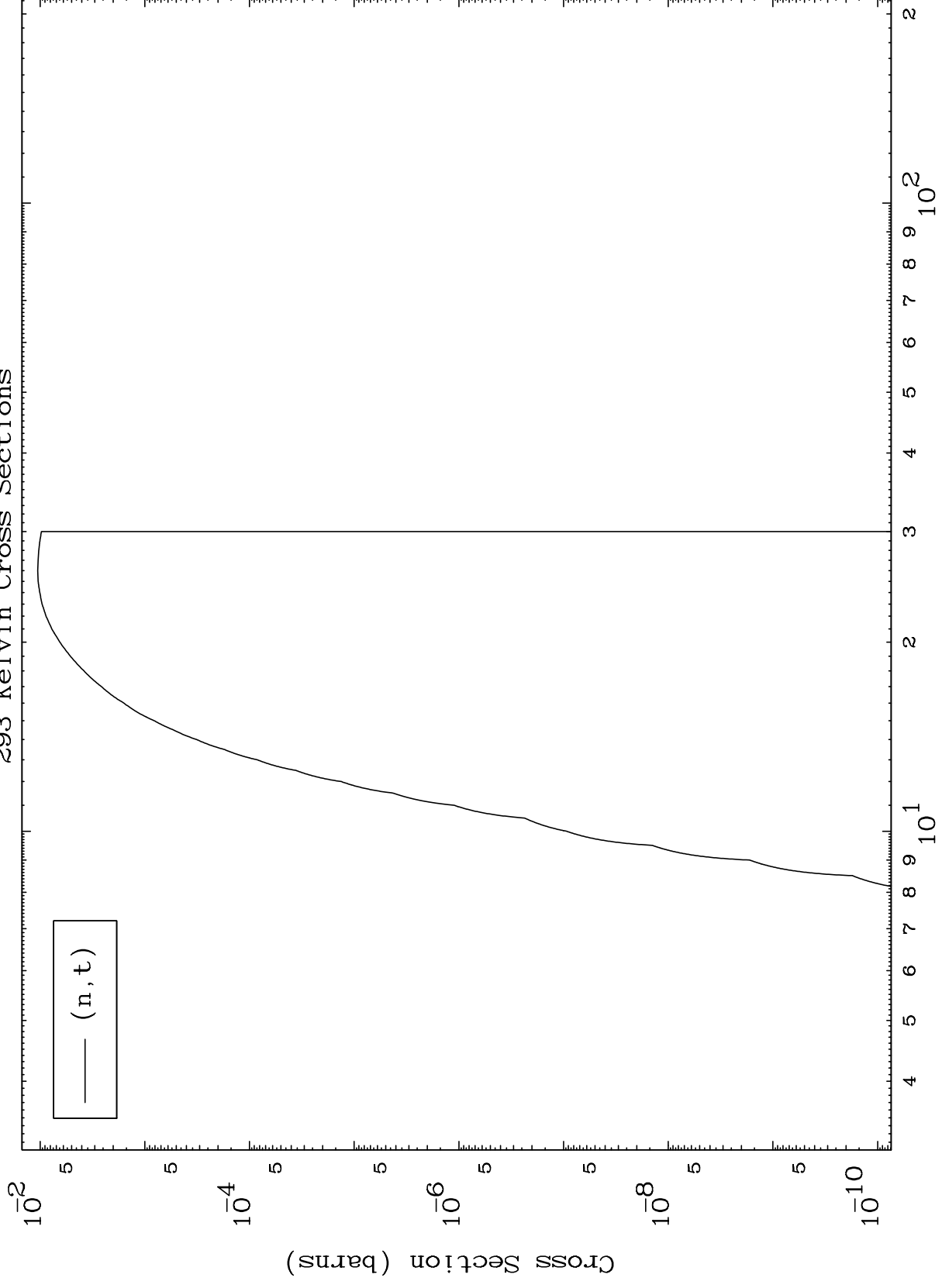
Incident Energy (MeV)

65-Tb-151m

MAT 6502

(n,t) Levels
293 Kelvin Cross Sections

65-Tb-151m



15

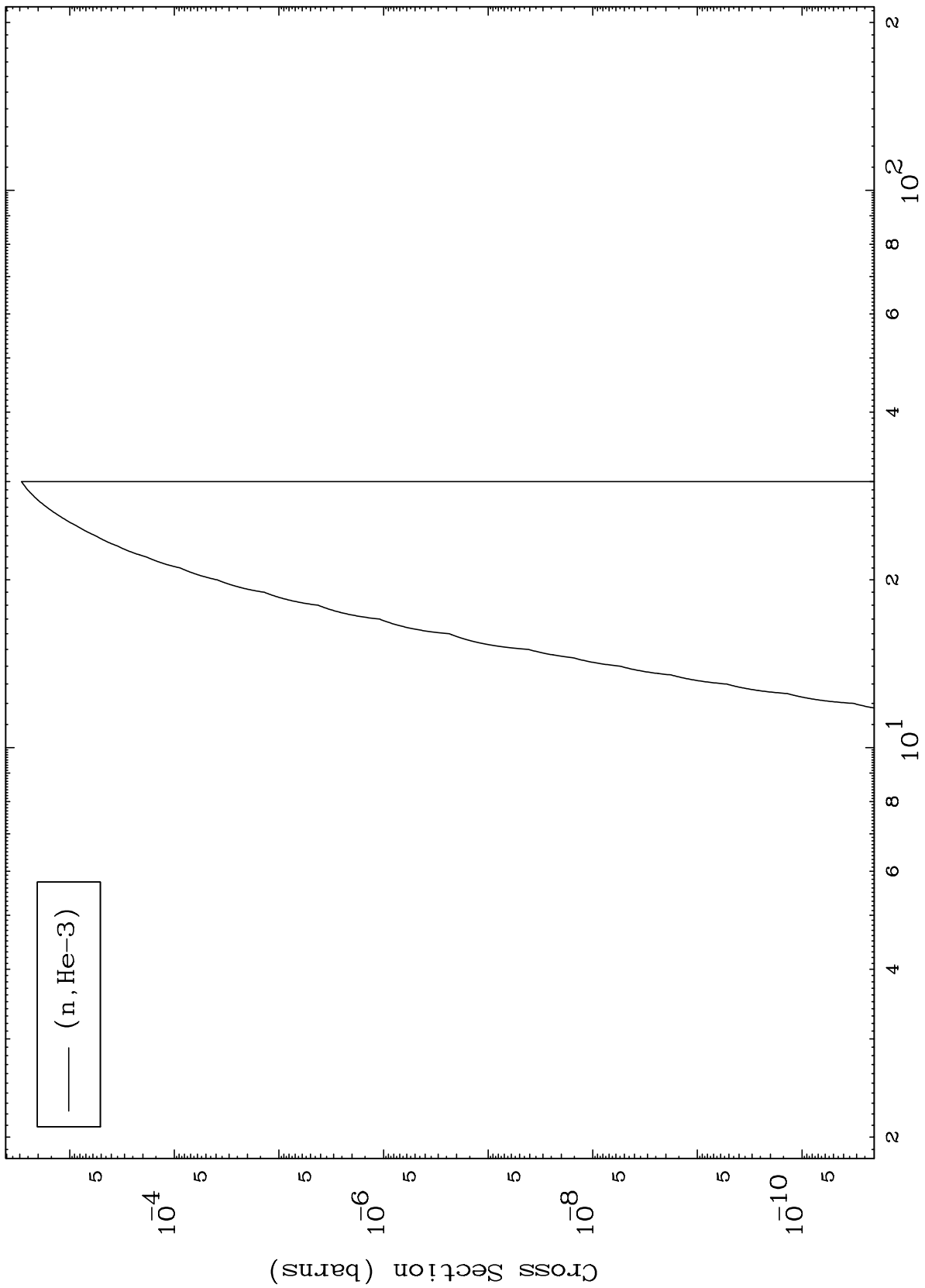
Incident Energy (MeV)

65-Tb-151m

MAT 6502

(n,He3) Levels
293 Kelvin Cross Sections

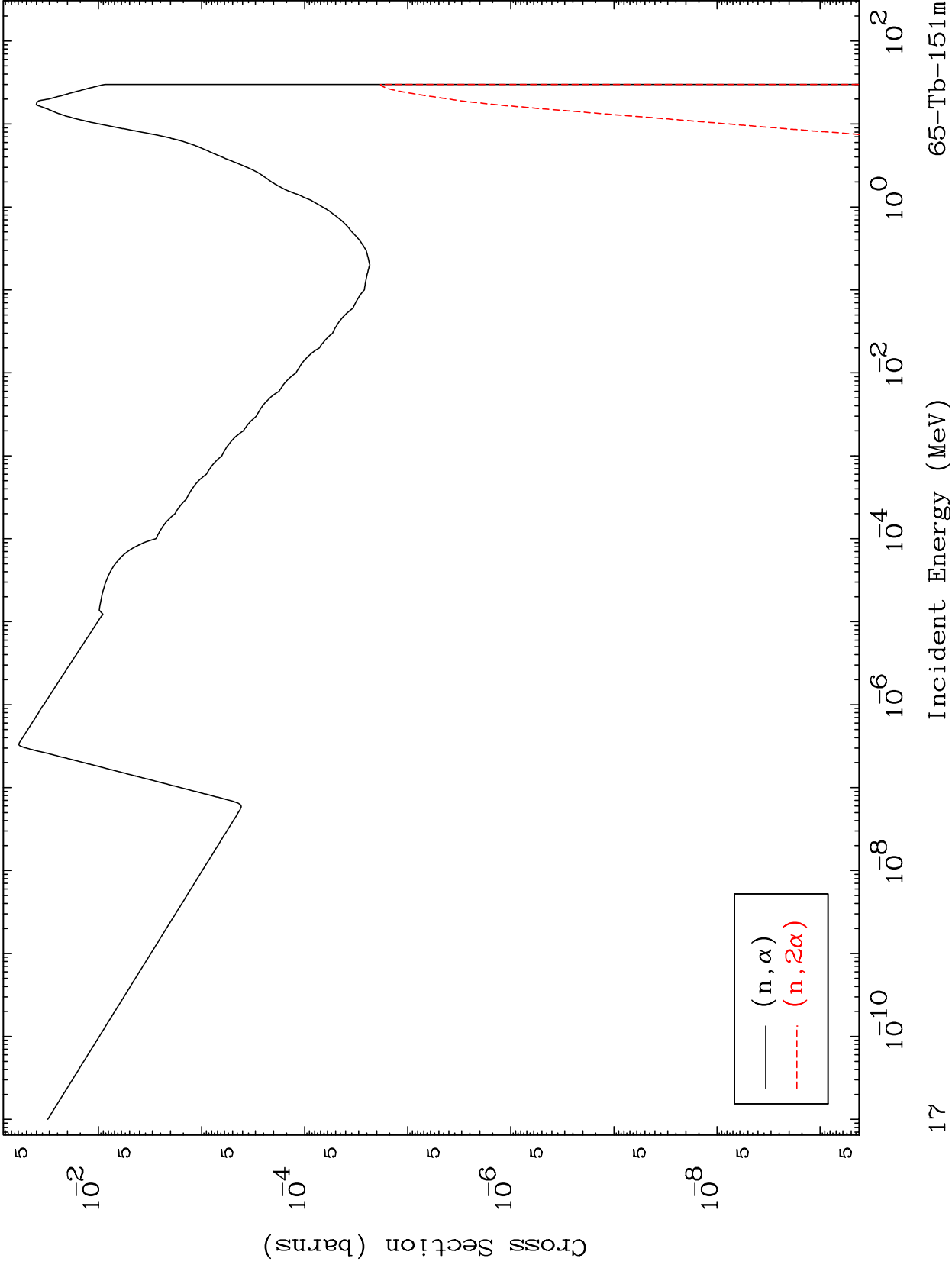
65-Tb-151m



MAT 6502

(n,α) Levels
293 Kelvin Cross Sections

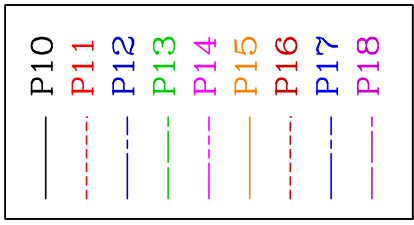
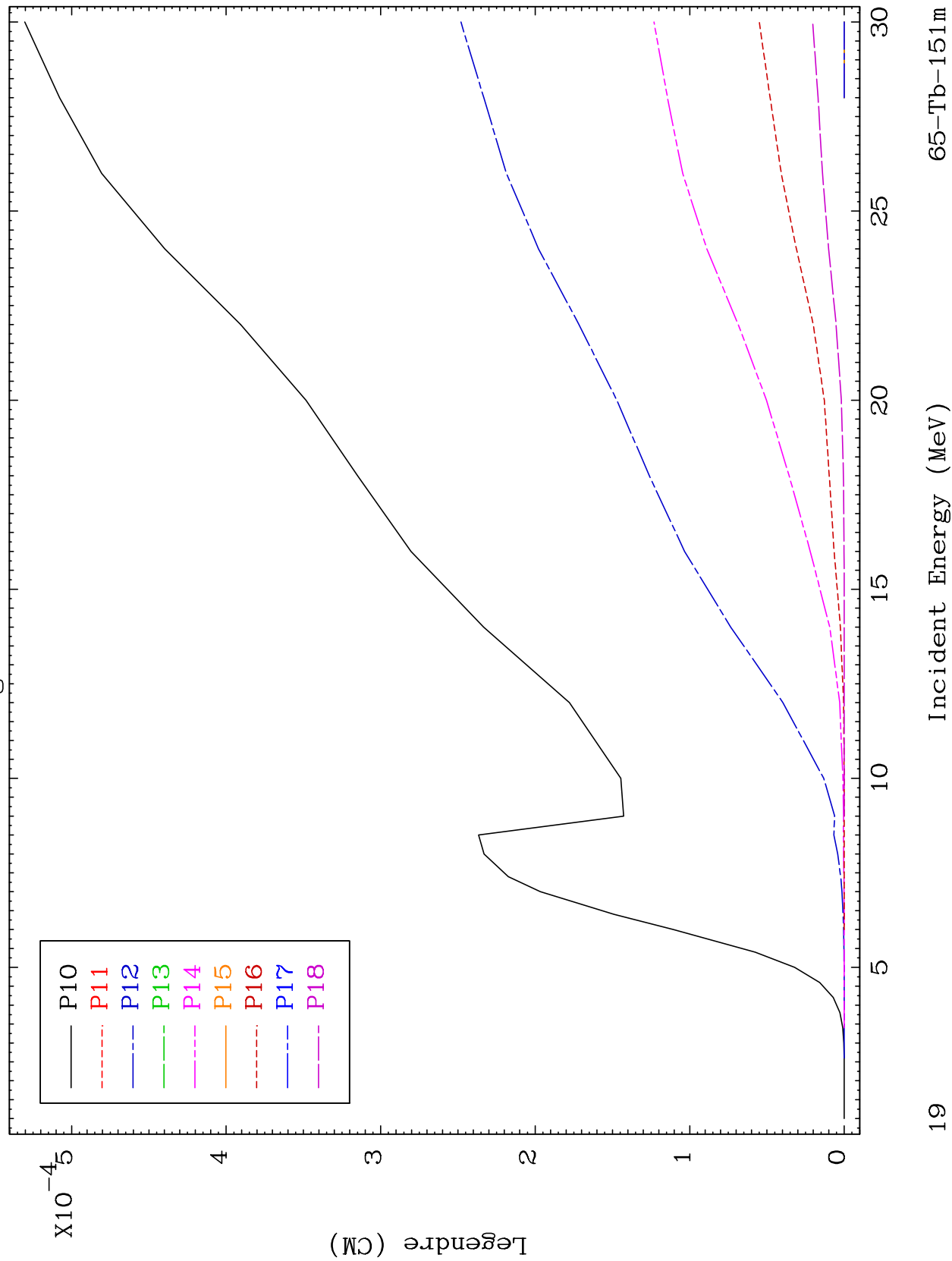
65-Tb-151m



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Elastic Legendre Coefficients

65-Tb-151m

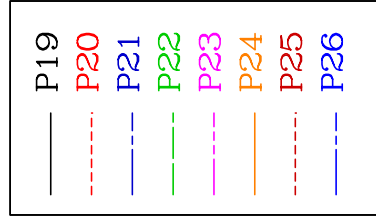


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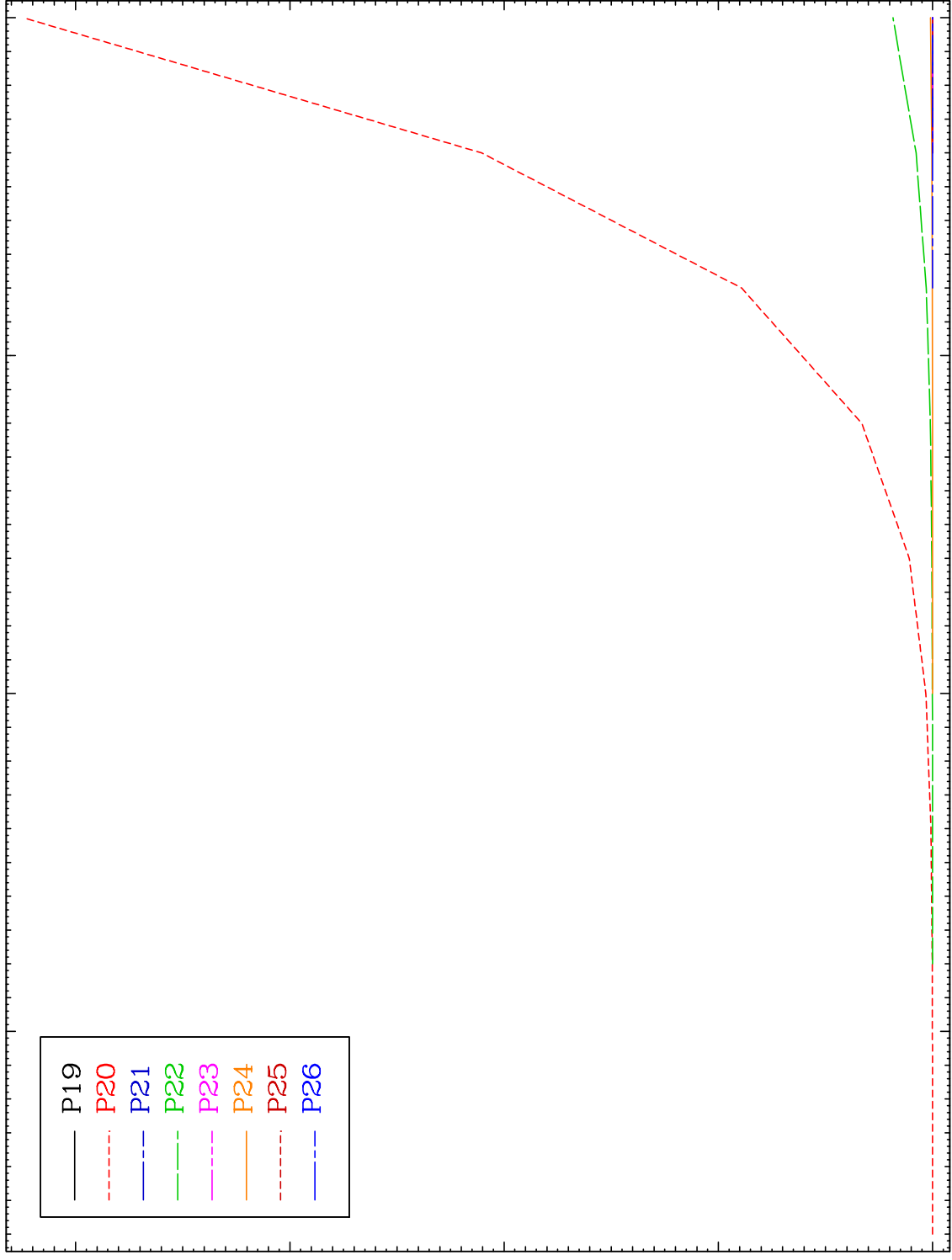
Elastic
Legendre Coefficients

65-Tb-151m



$\times 10^{-6}$

Legendre (CM)



20

Incident Energy (MeV)

65-Tb-151m

15

20

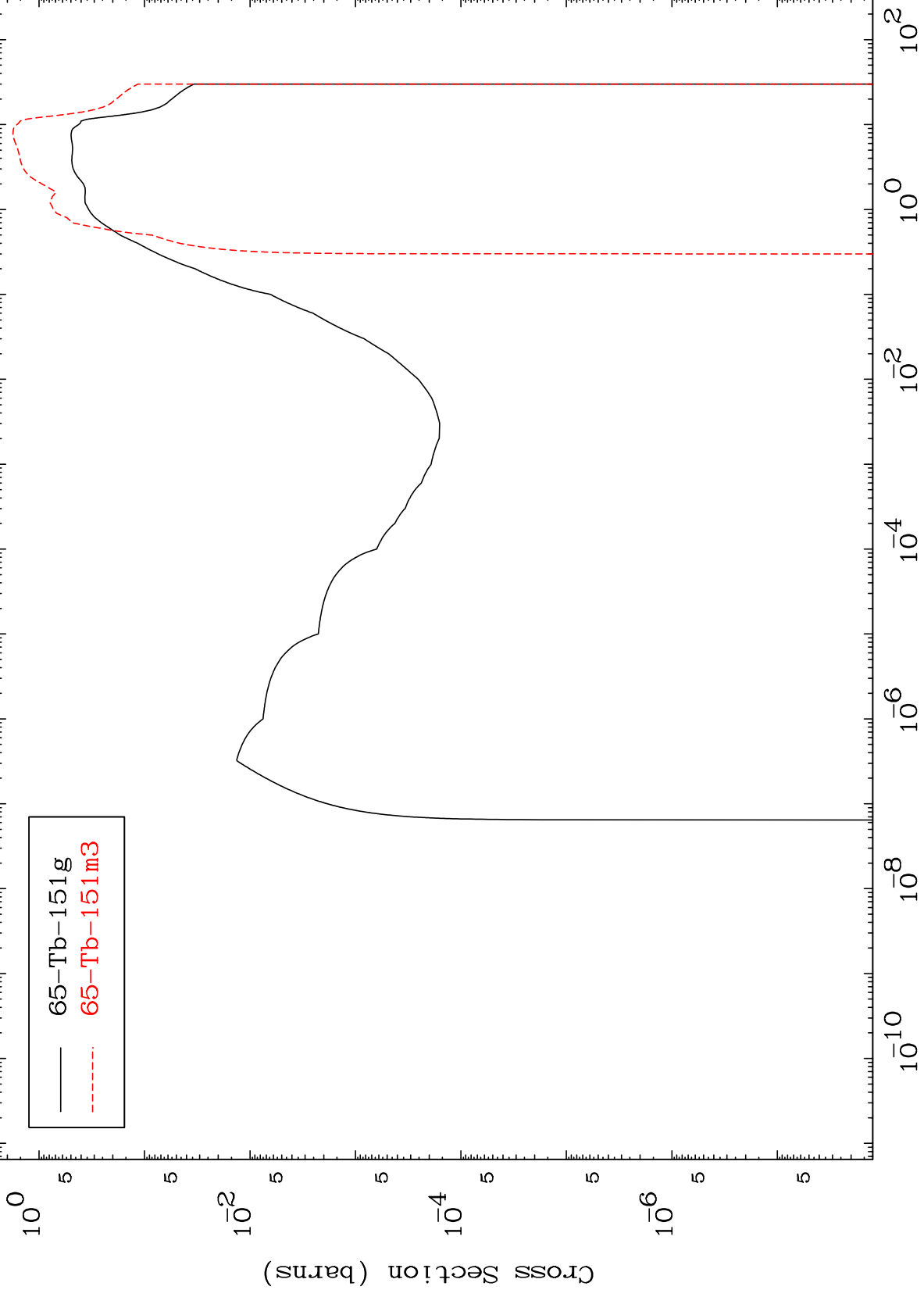
25

30

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Inelastic
Radionuclide Production Cross Section

65-Tb-151m



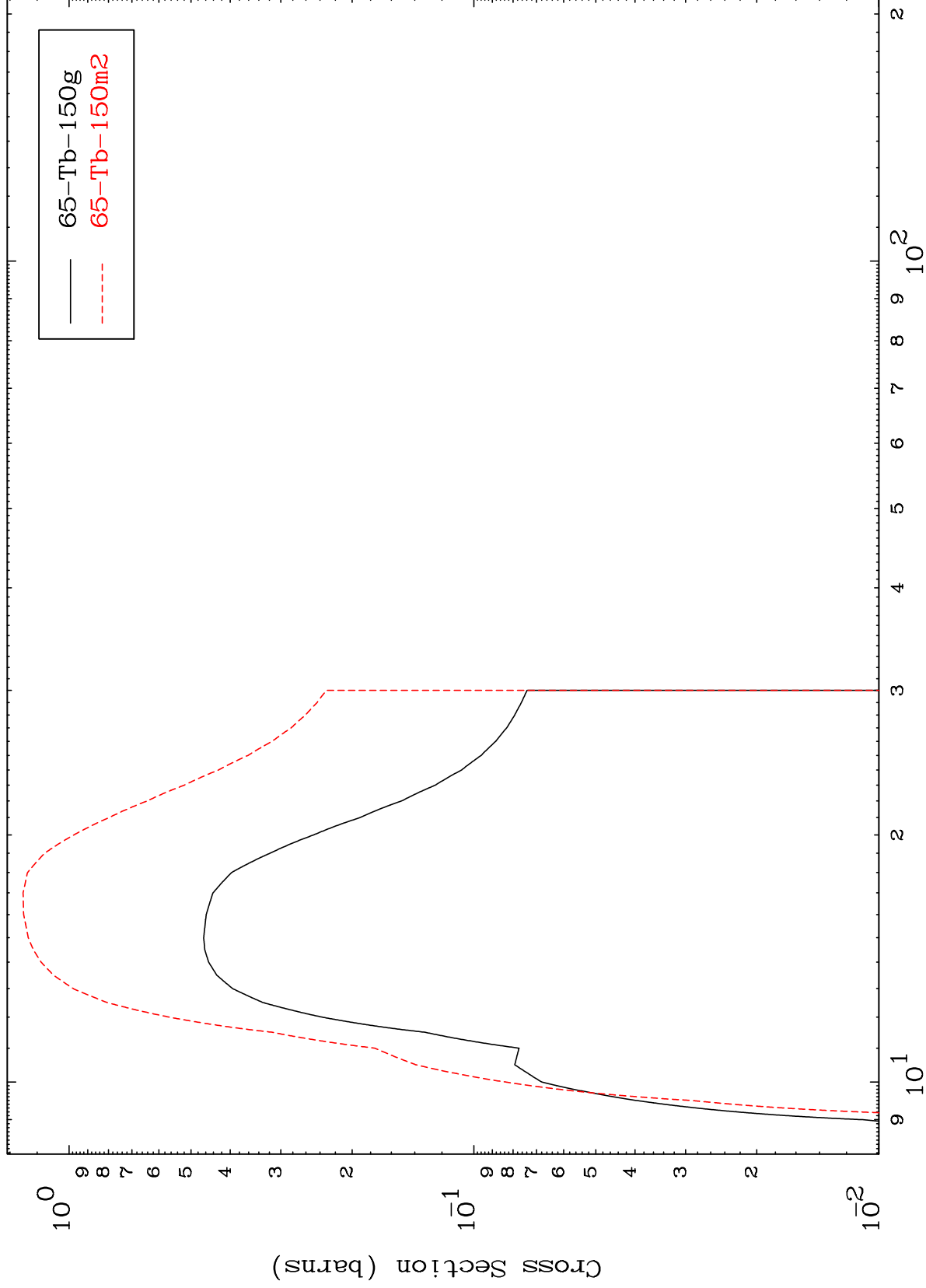
65-Tb-151g
65-Tb-151m3

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(n,2n)

65-Tb-151m

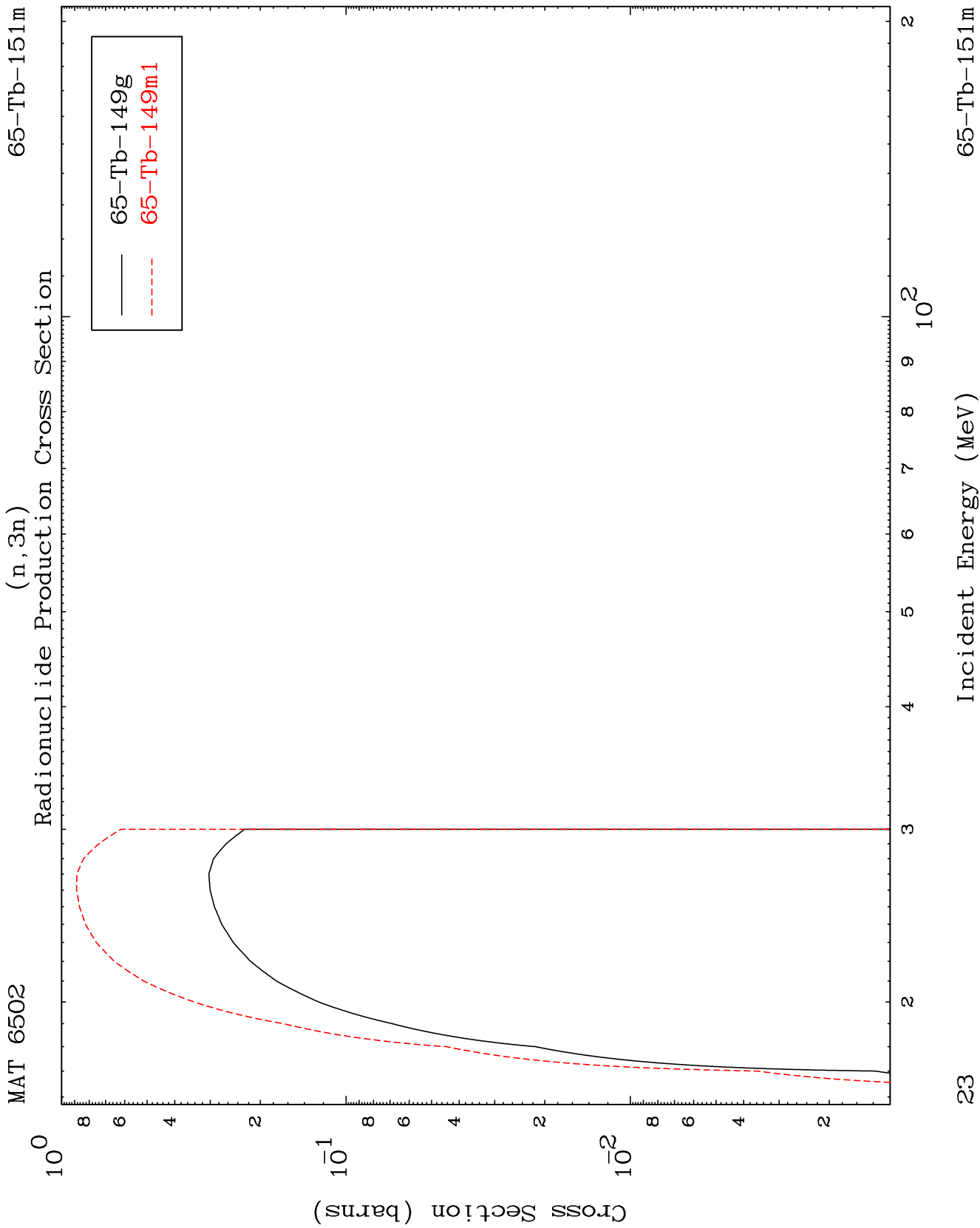
Radionuclide Production Cross Section



22

Incident Energy (MeV)

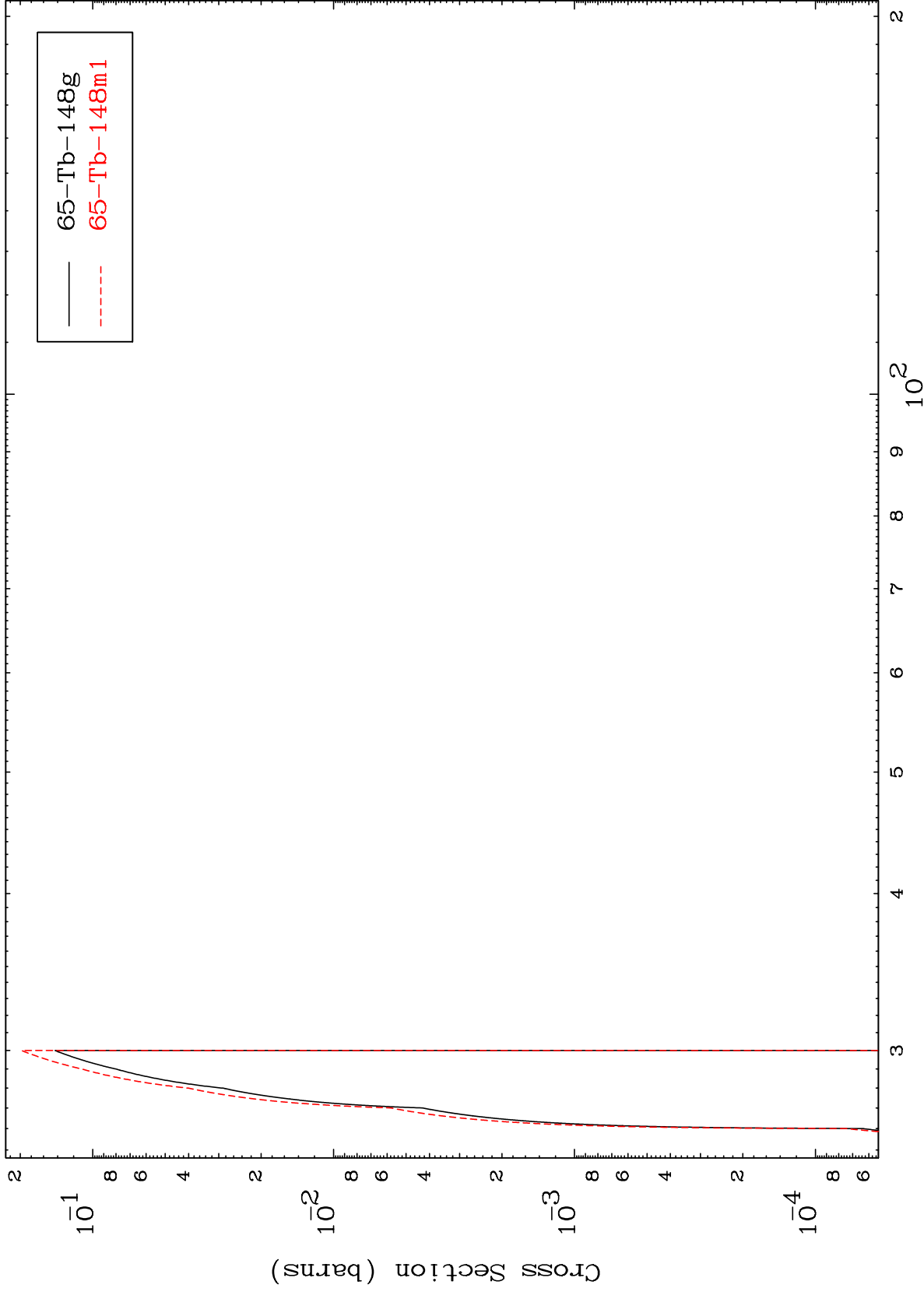
65-Tb-151m



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65-Tb-151m

(n,4n)
Radionuclide Production Cross Section



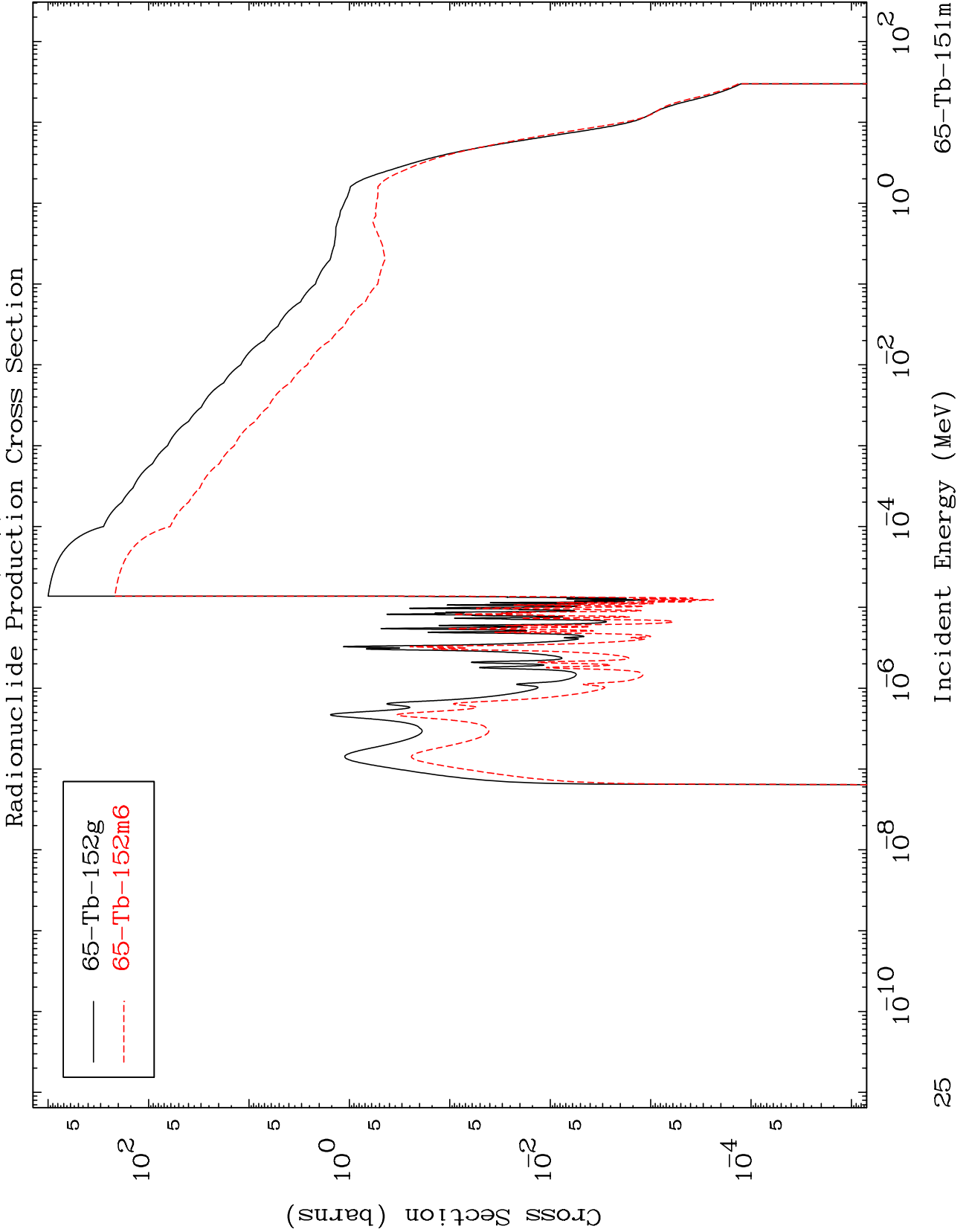
24

Incident Energy (MeV)

65-Tb-151m

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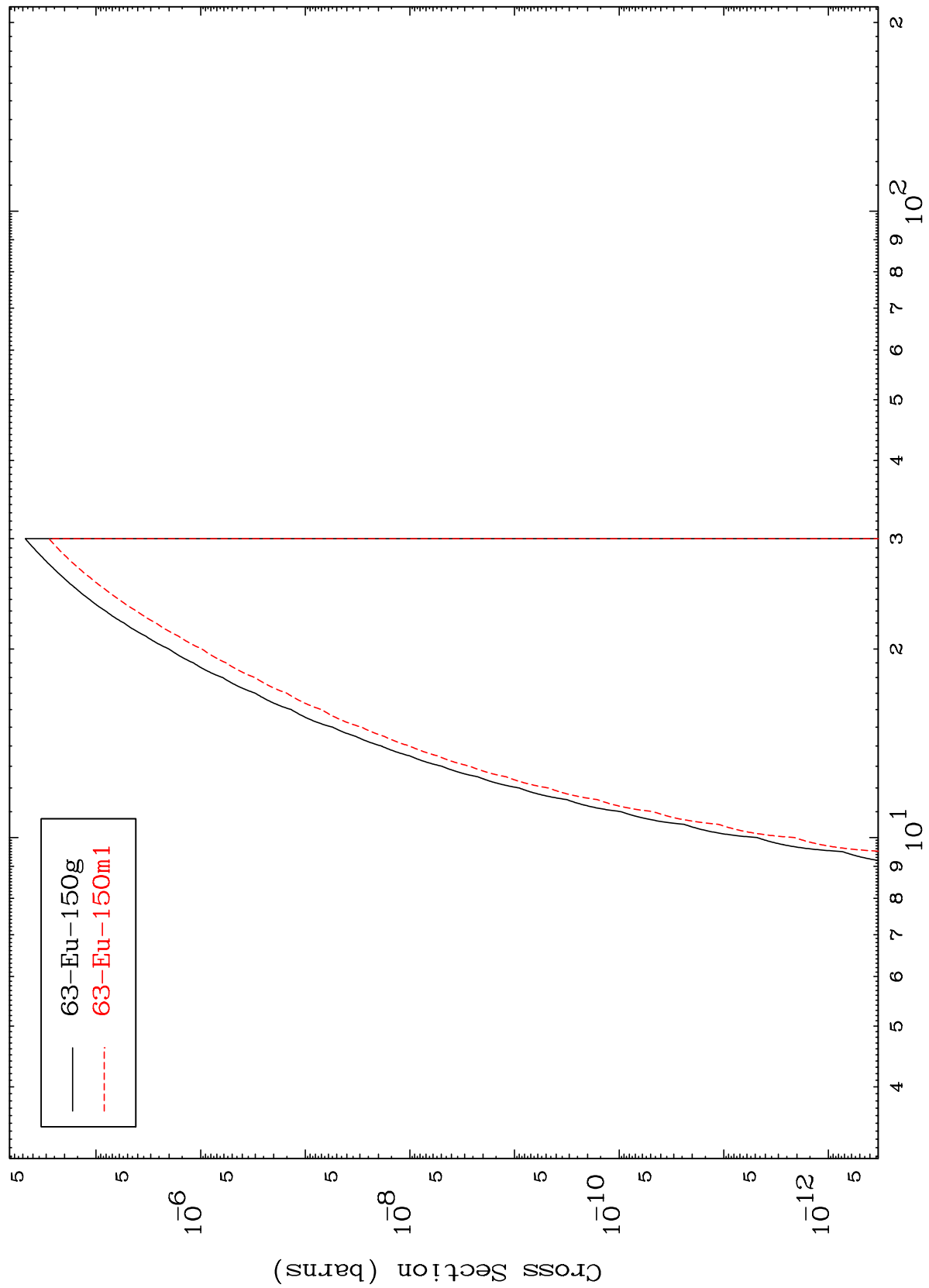
65-Tb-151m



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65-Tb-151m

(n,2p)
Radionuclide Production Cross Section



26

65-Tb-151m

Incident Energy (MeV)