

Program EVALPLOT
(Version 2021-1)

by

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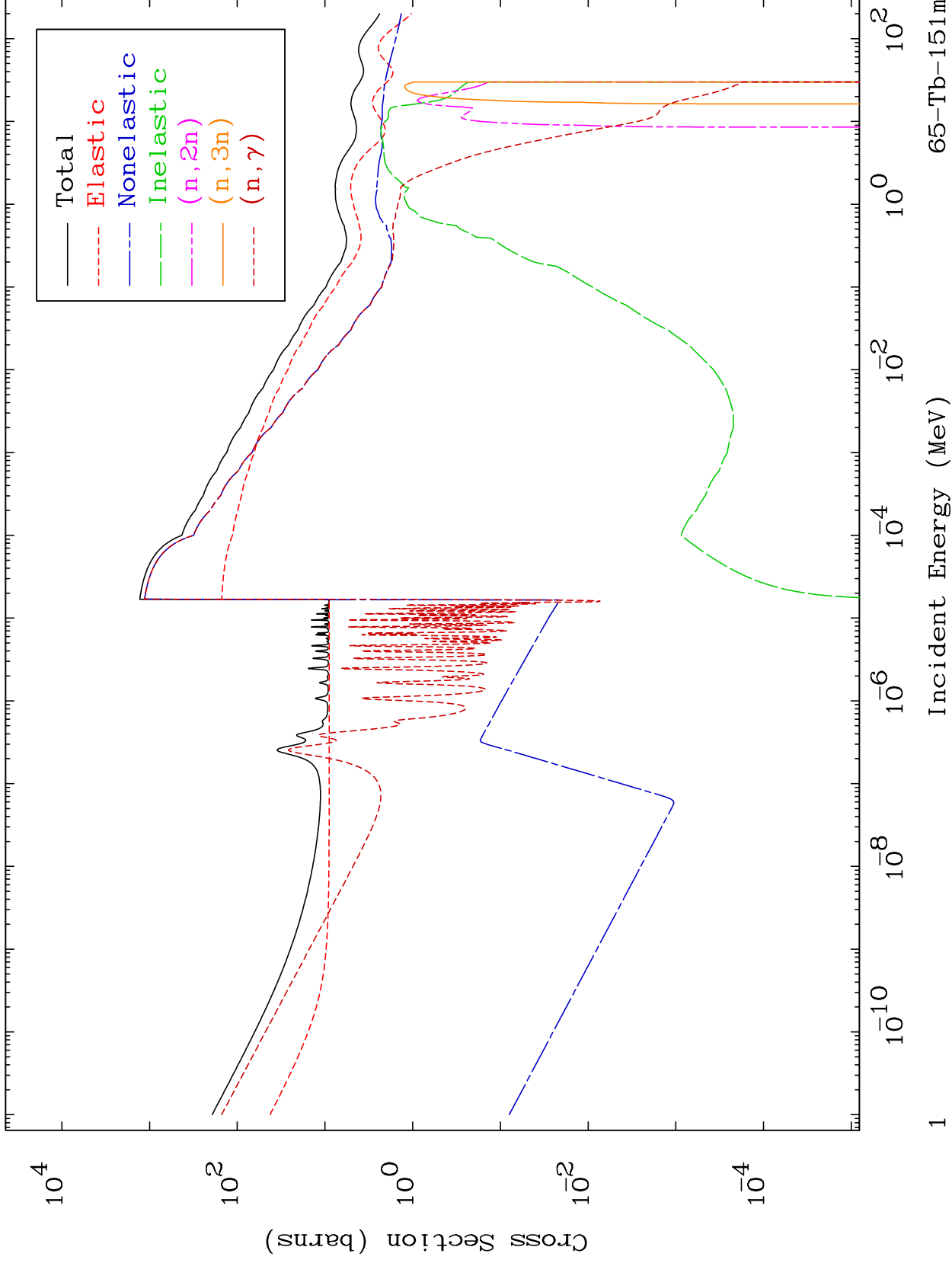
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6502

Neutron Major
293 Kelvin Cross Sections

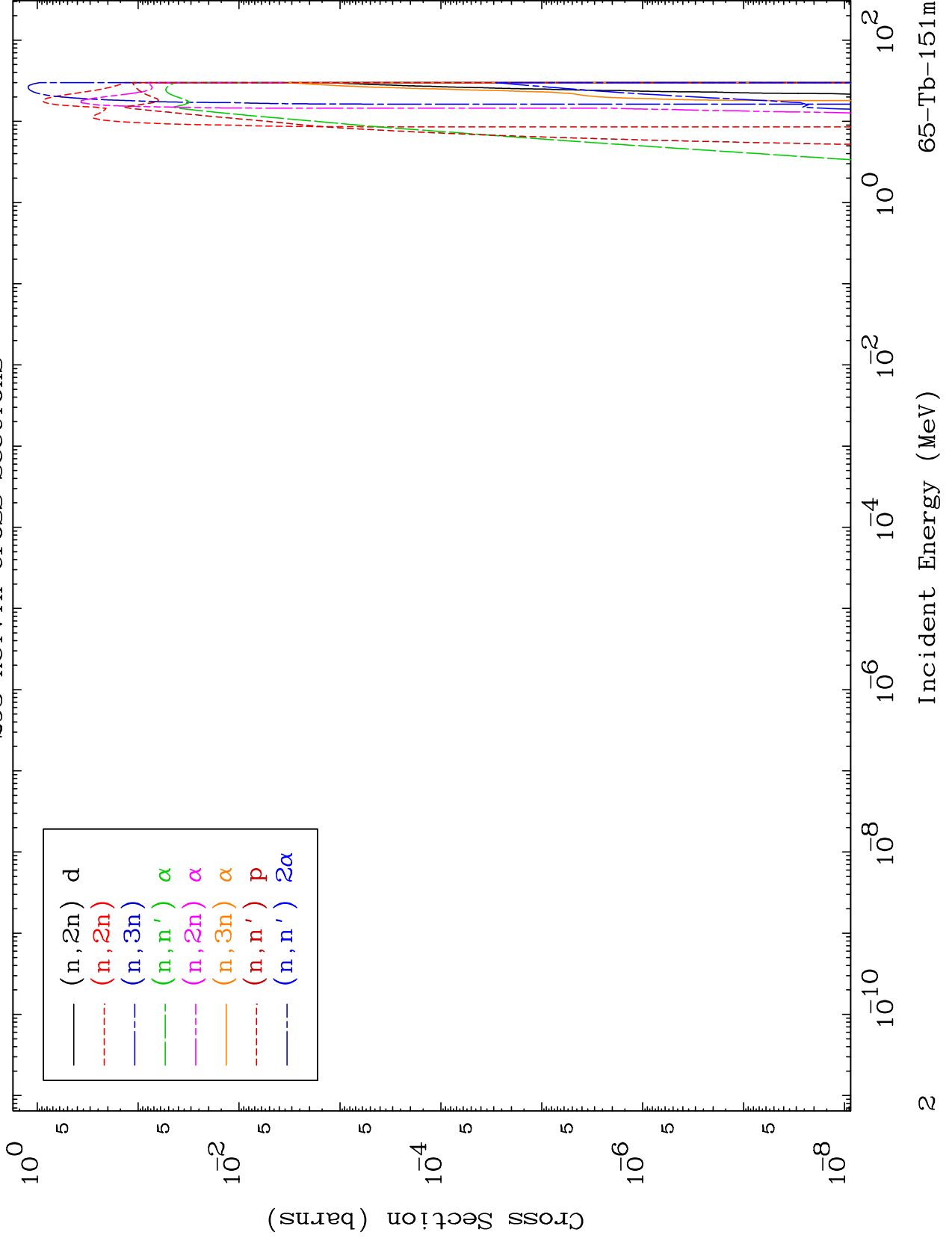
65-Tb-151m



MAT 6502

Neutron Absorption
293 Kelvin Cross Sections

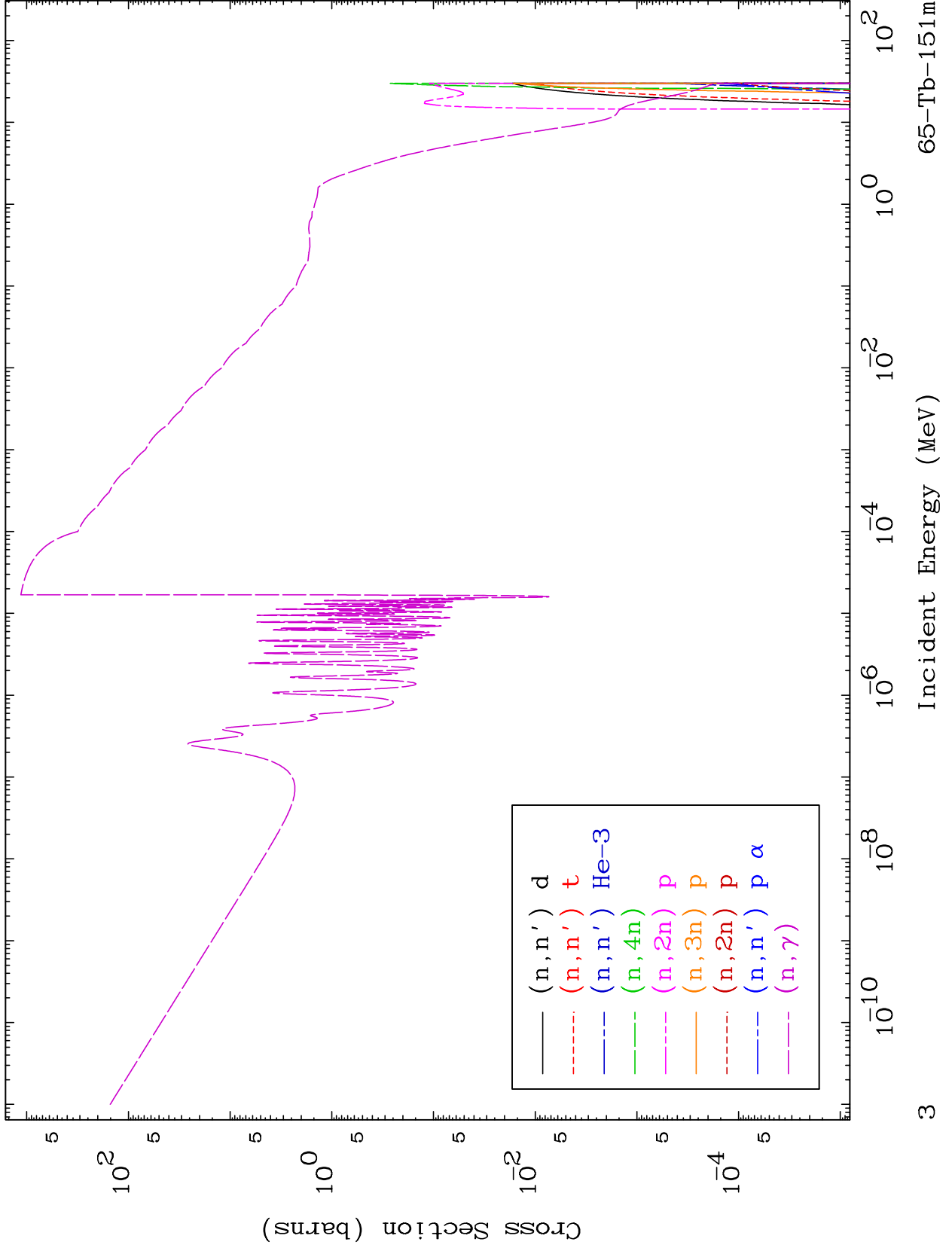
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Neutron Absorption
293 Kelvin Cross Sections

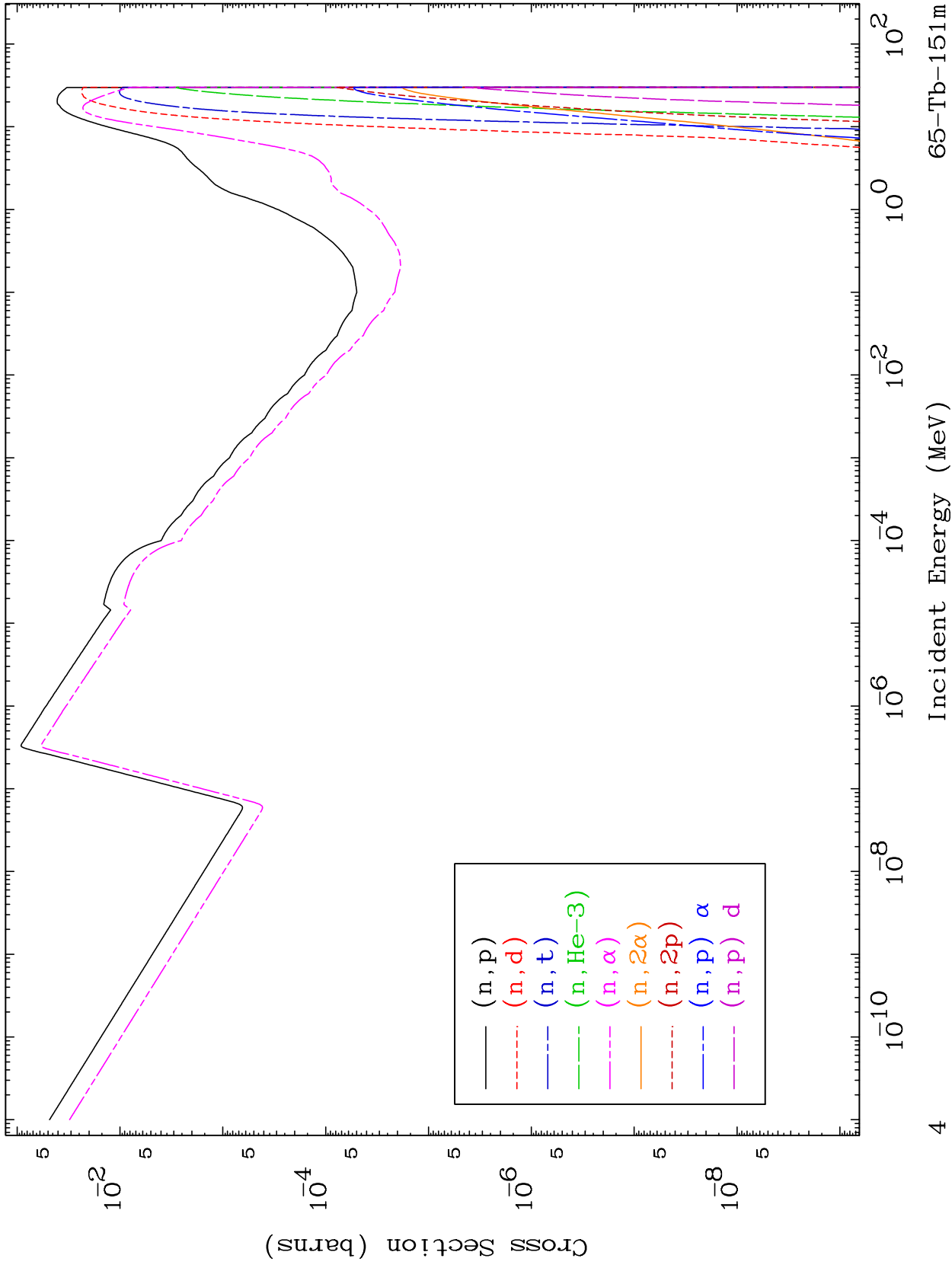
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Neutron Absorption
293 Kelvin Cross Sections

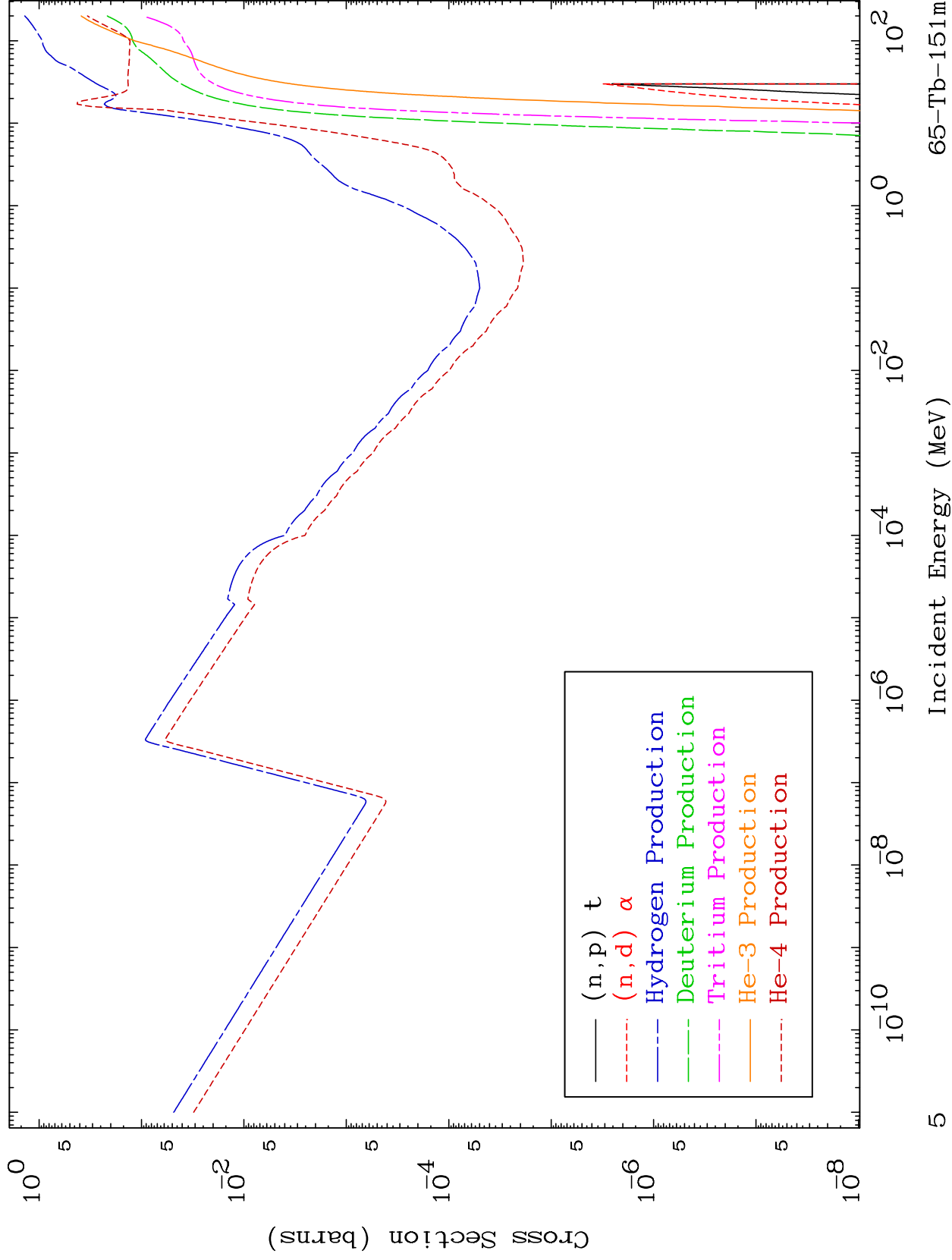
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Neutron Absorption
293 Kelvin Cross Sections

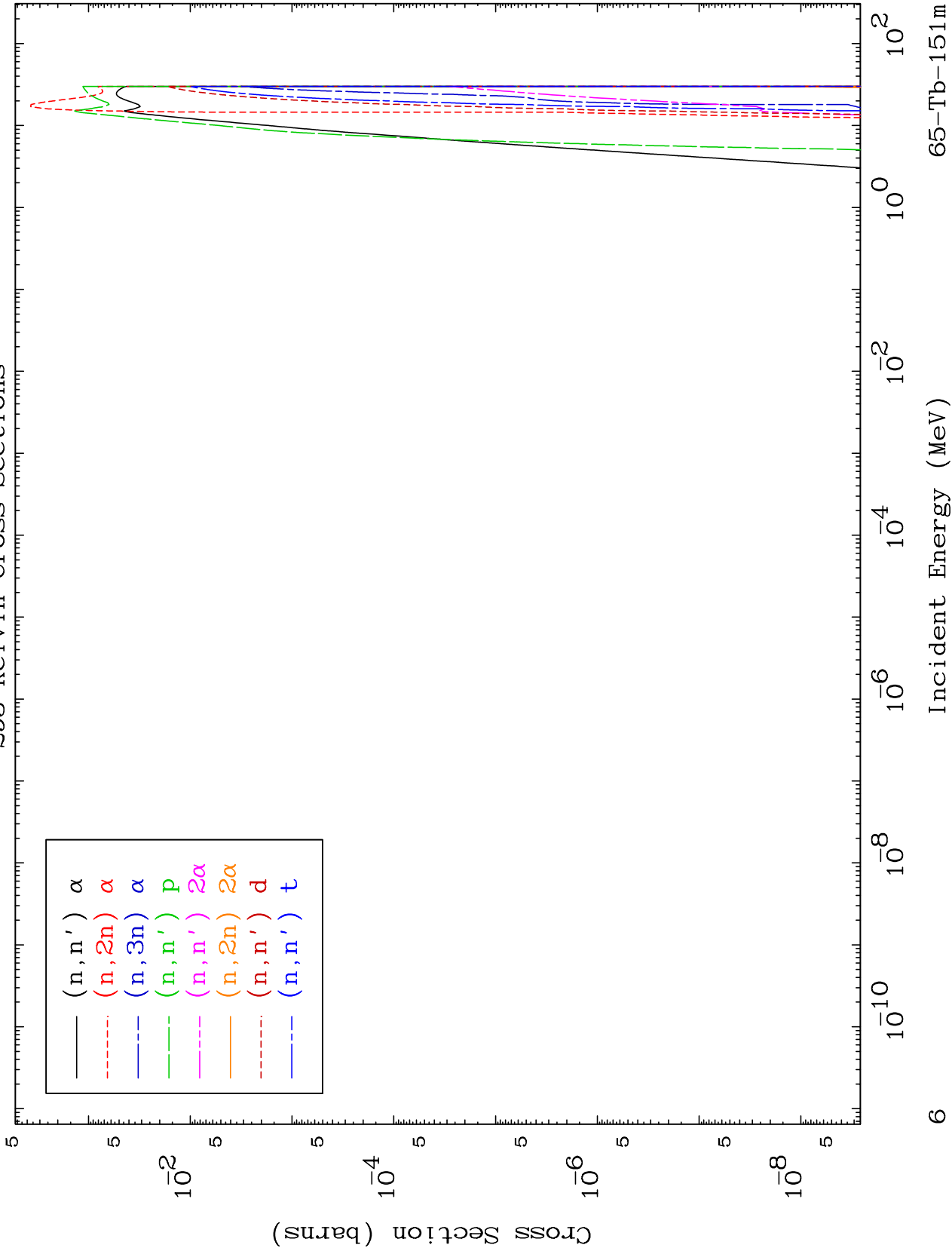
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Charged Particle
293 Kelvin Cross Sections

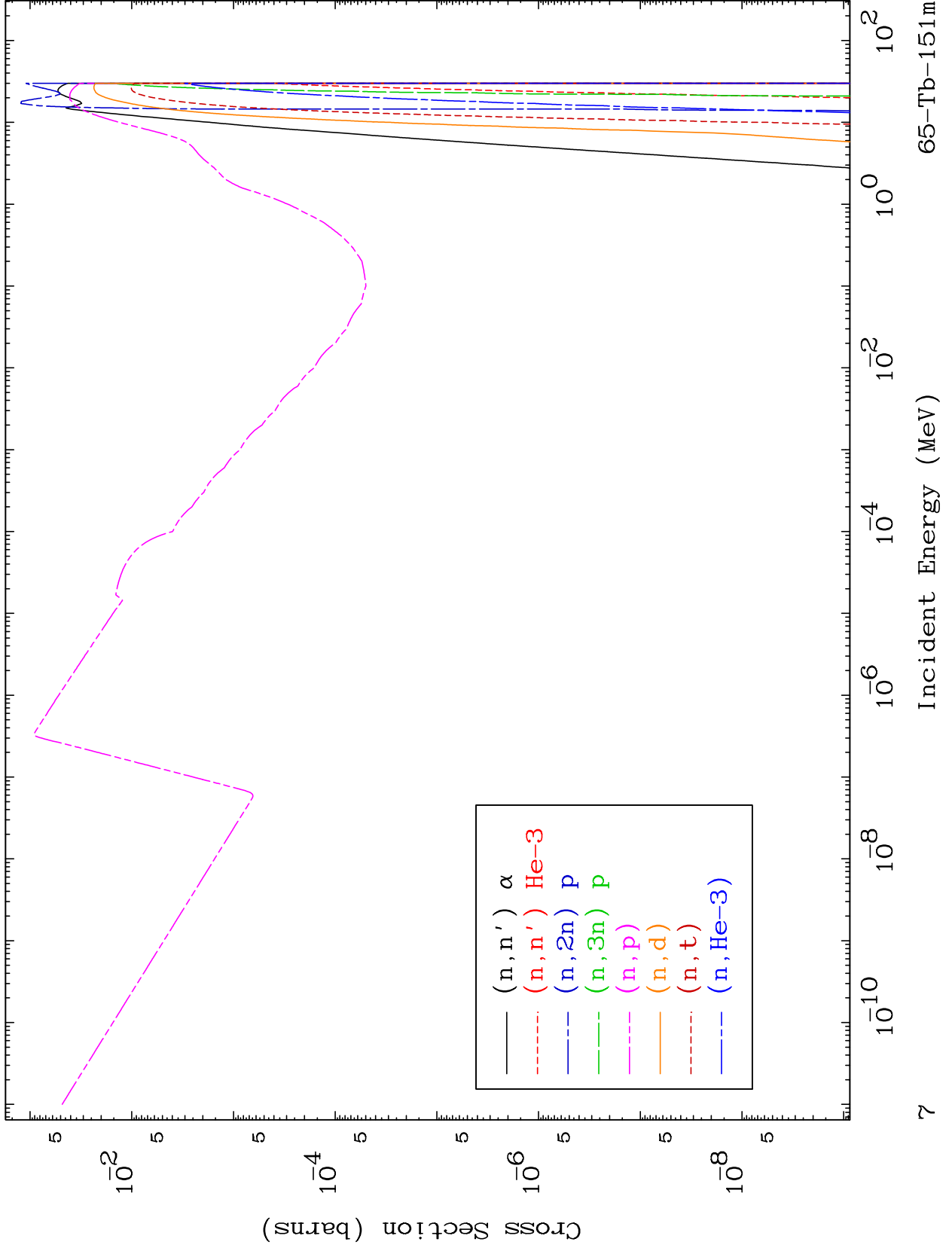
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Charged Particle
293 Kelvin Cross Sections

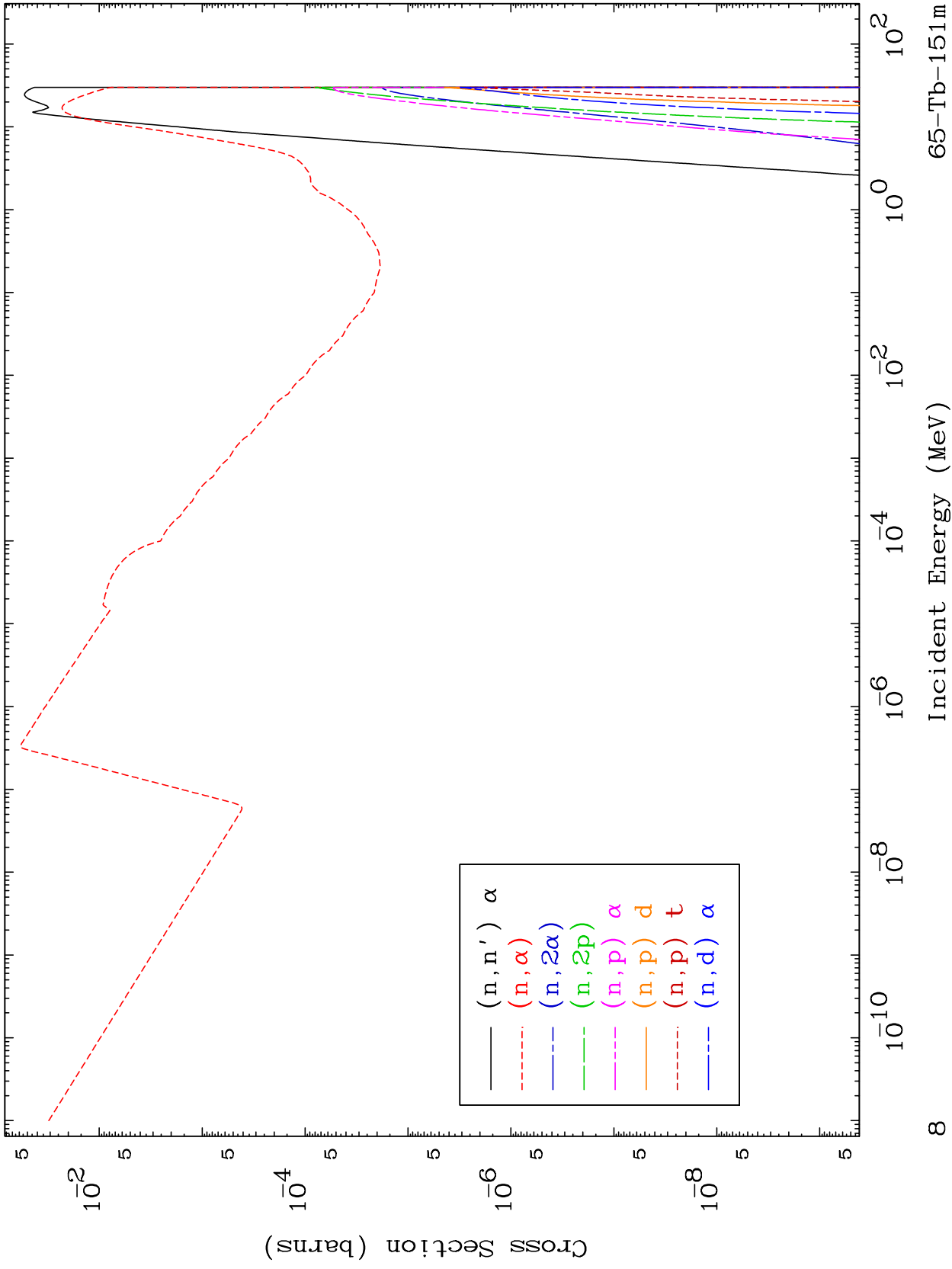
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Charged Particle
293 Kelvin Cross Sections

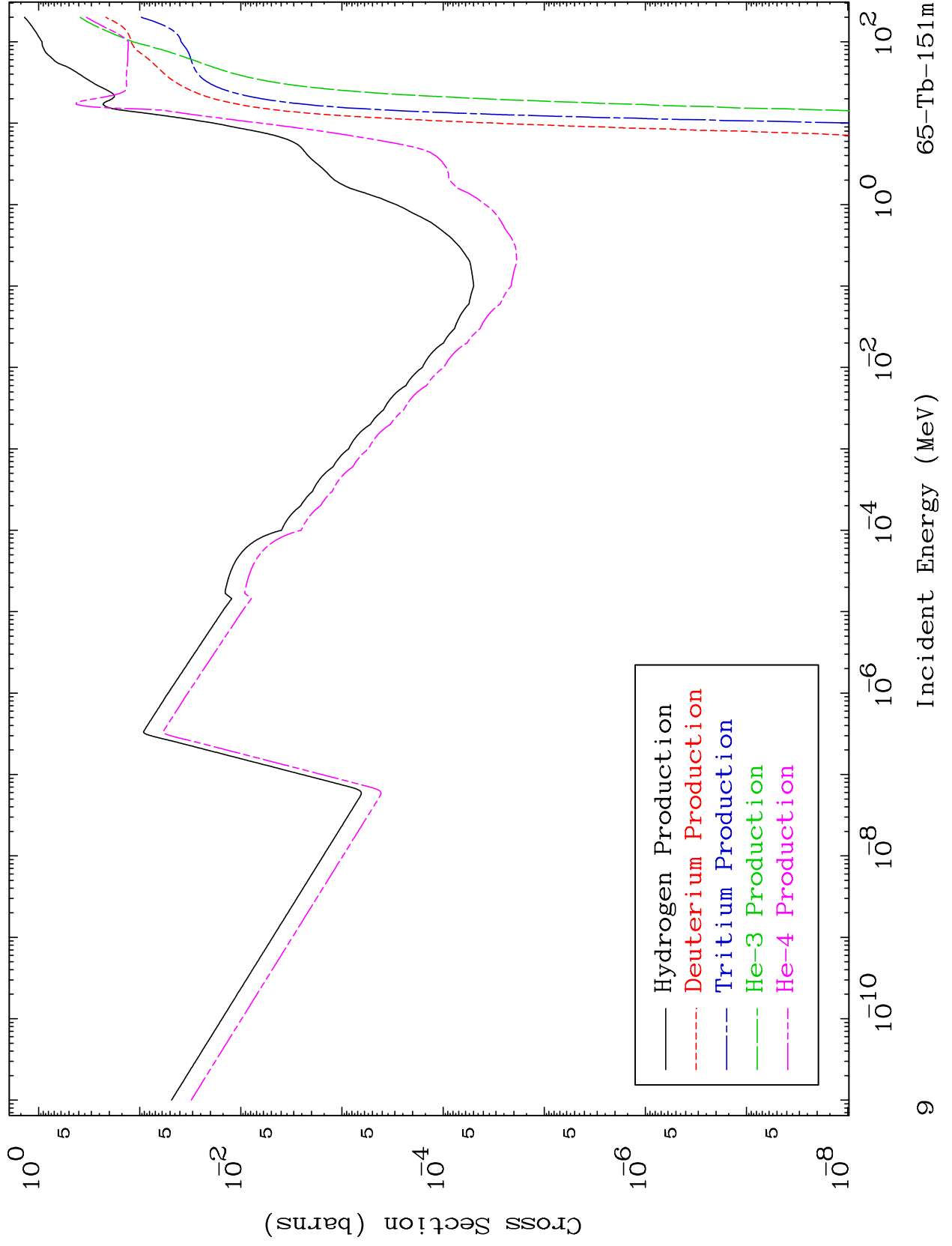
65-Tb-151m



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Particle Production
293 Kelvin Cross Sections

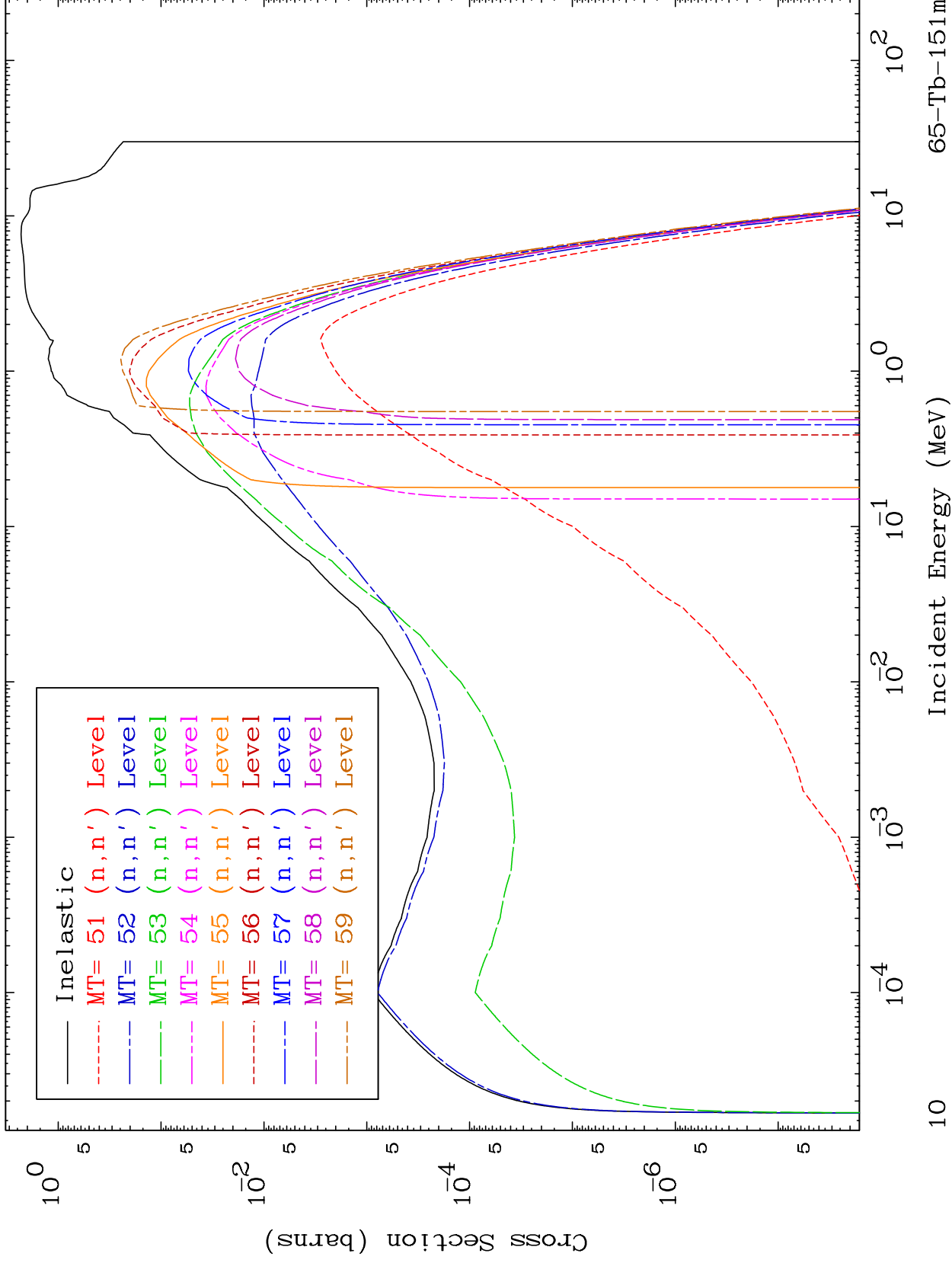
65-Tb-151m



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(n,n') Levels
293 Kelvin Cross Sections

65-Tb-151m



10

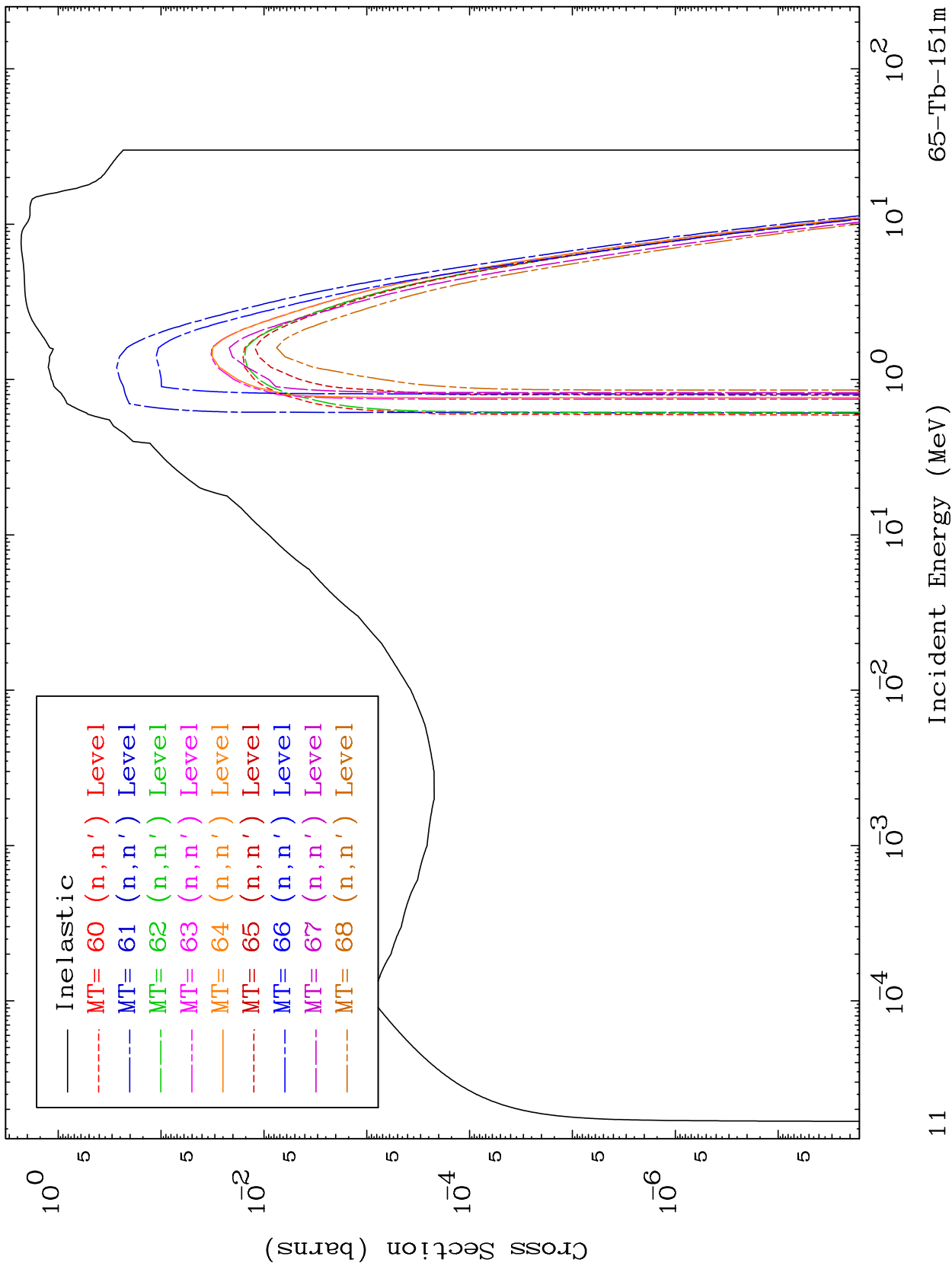
Incident Energy (MeV)

65-Tb-151m

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(n,n') Levels
293 Kelvin Cross Sections

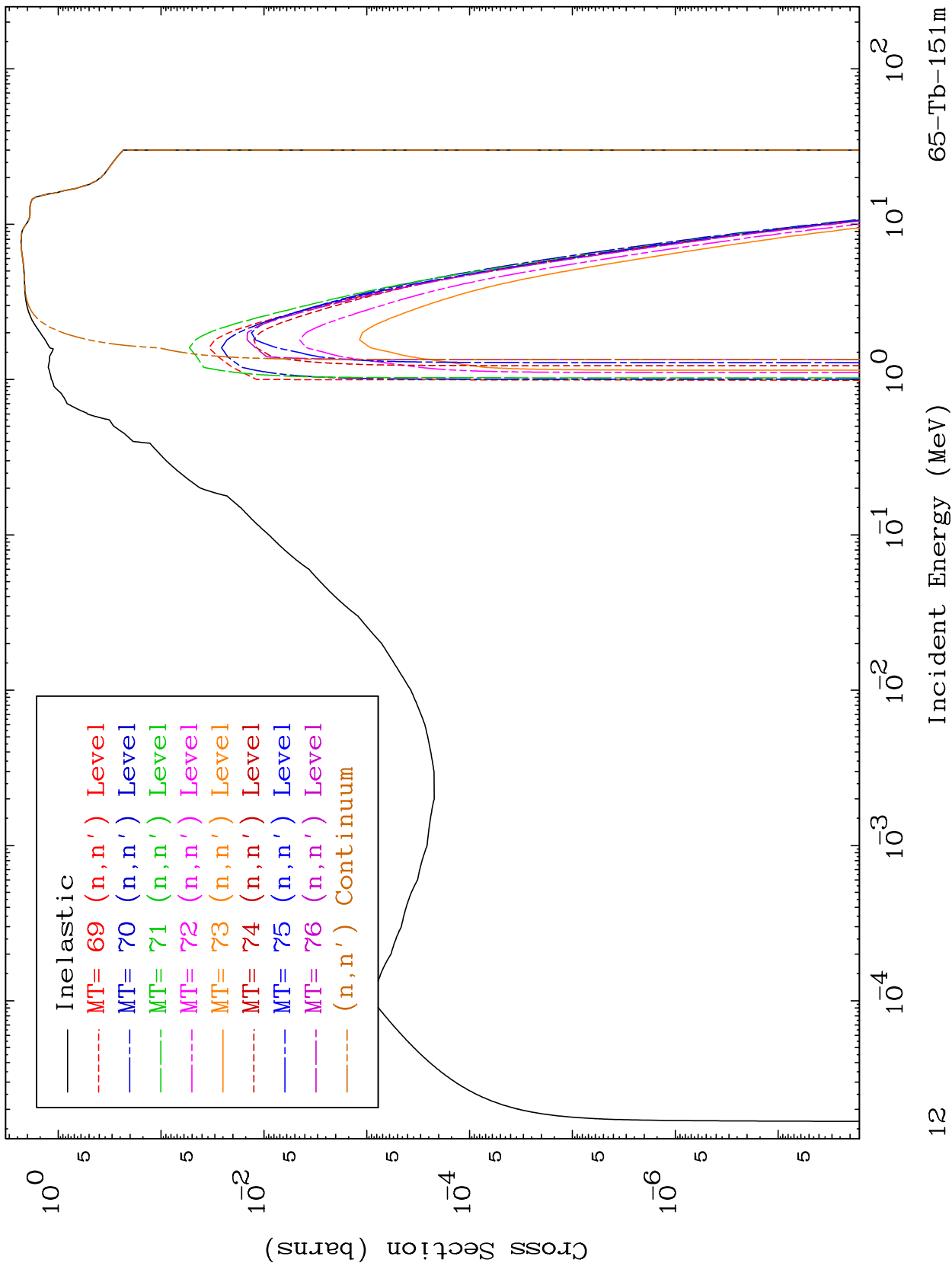
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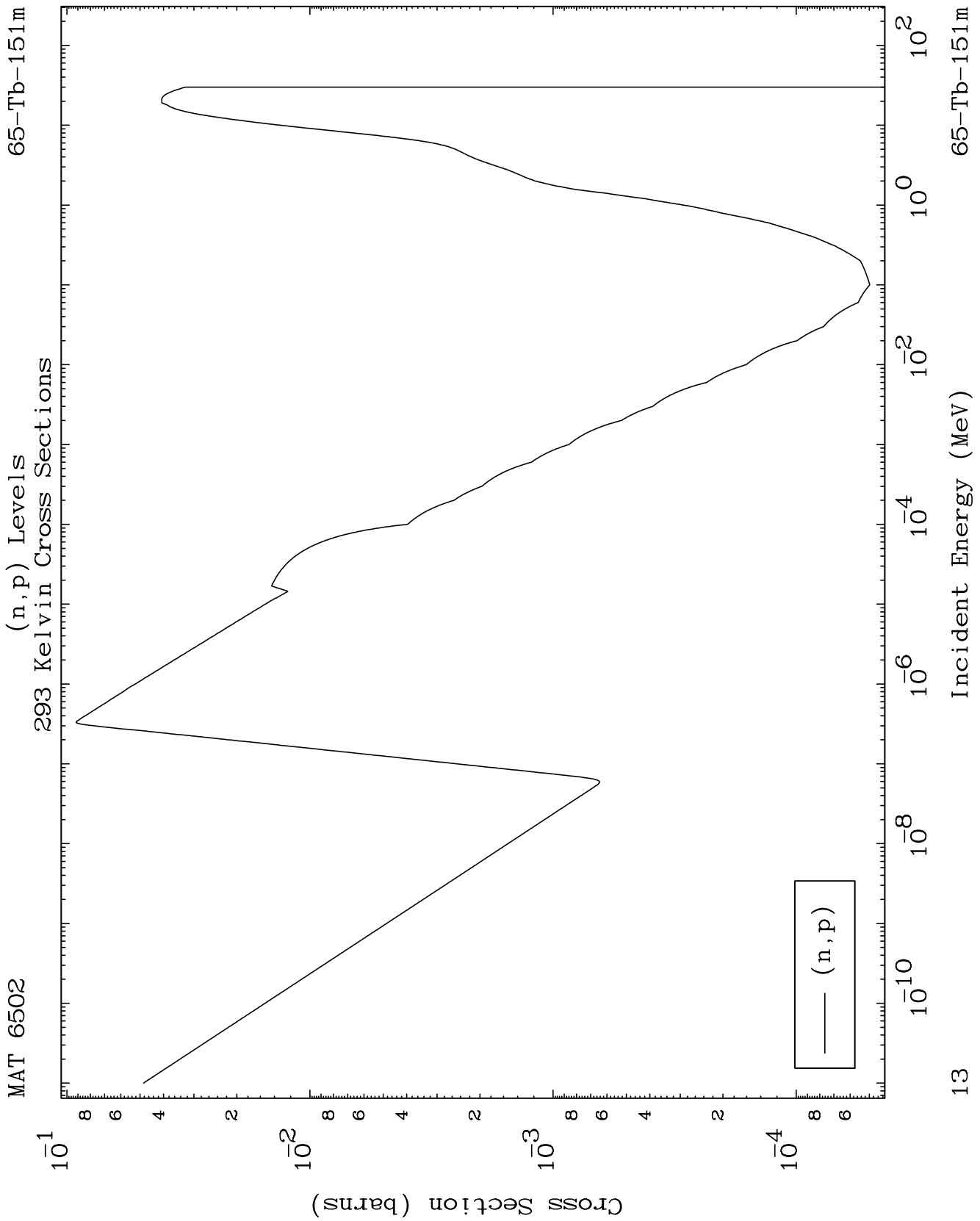


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(n,n') Levels
293 Kelvin Cross Sections

65-Tb-151m

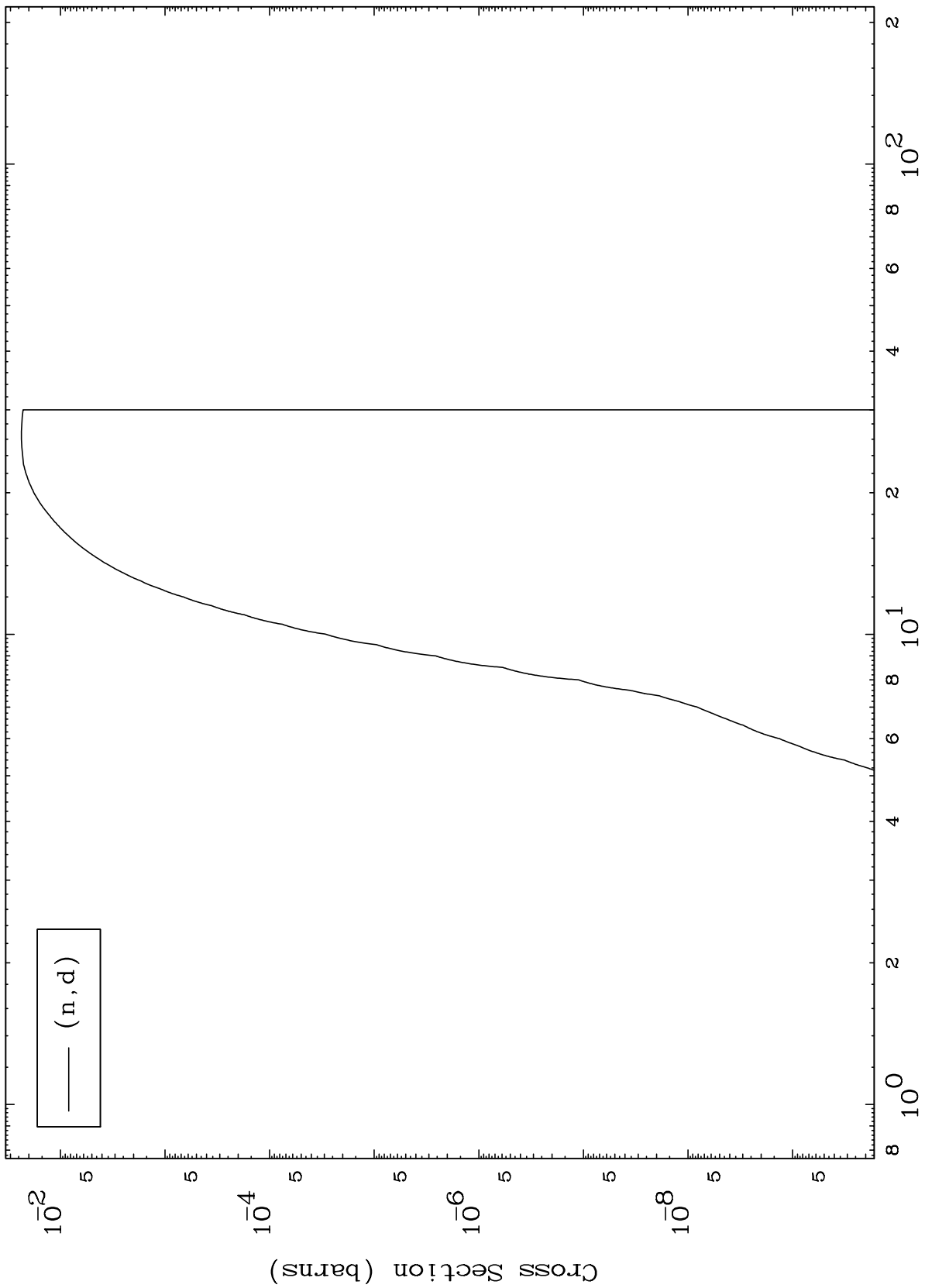




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(n,d) Levels
293 Kelvin Cross Sections

65-Tb-151m



14

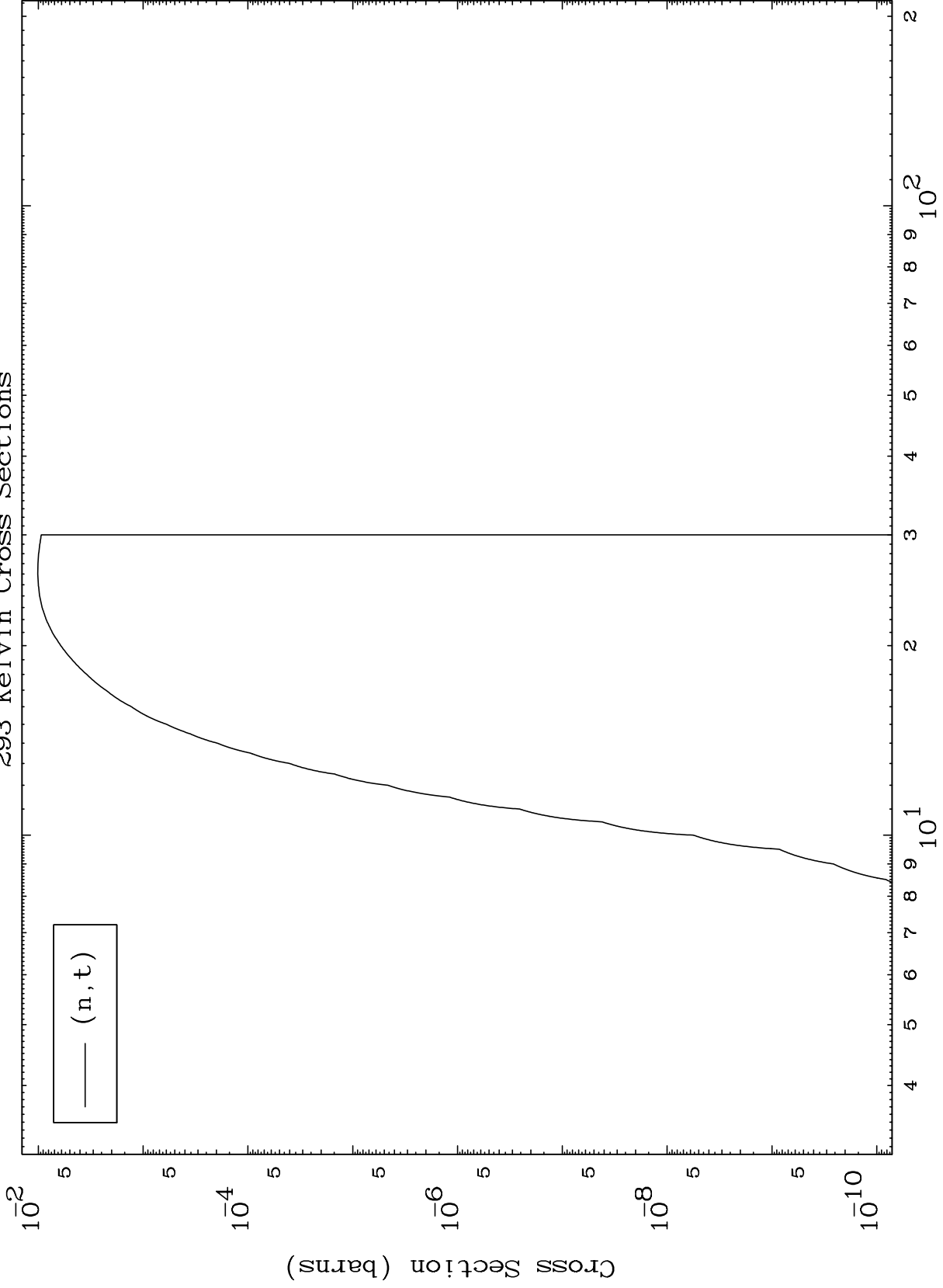
Incident Energy (MeV)

65-Tb-151m

MAT 6502

(n,t) Levels
293 Kelvin Cross Sections

65-Tb-151m



15

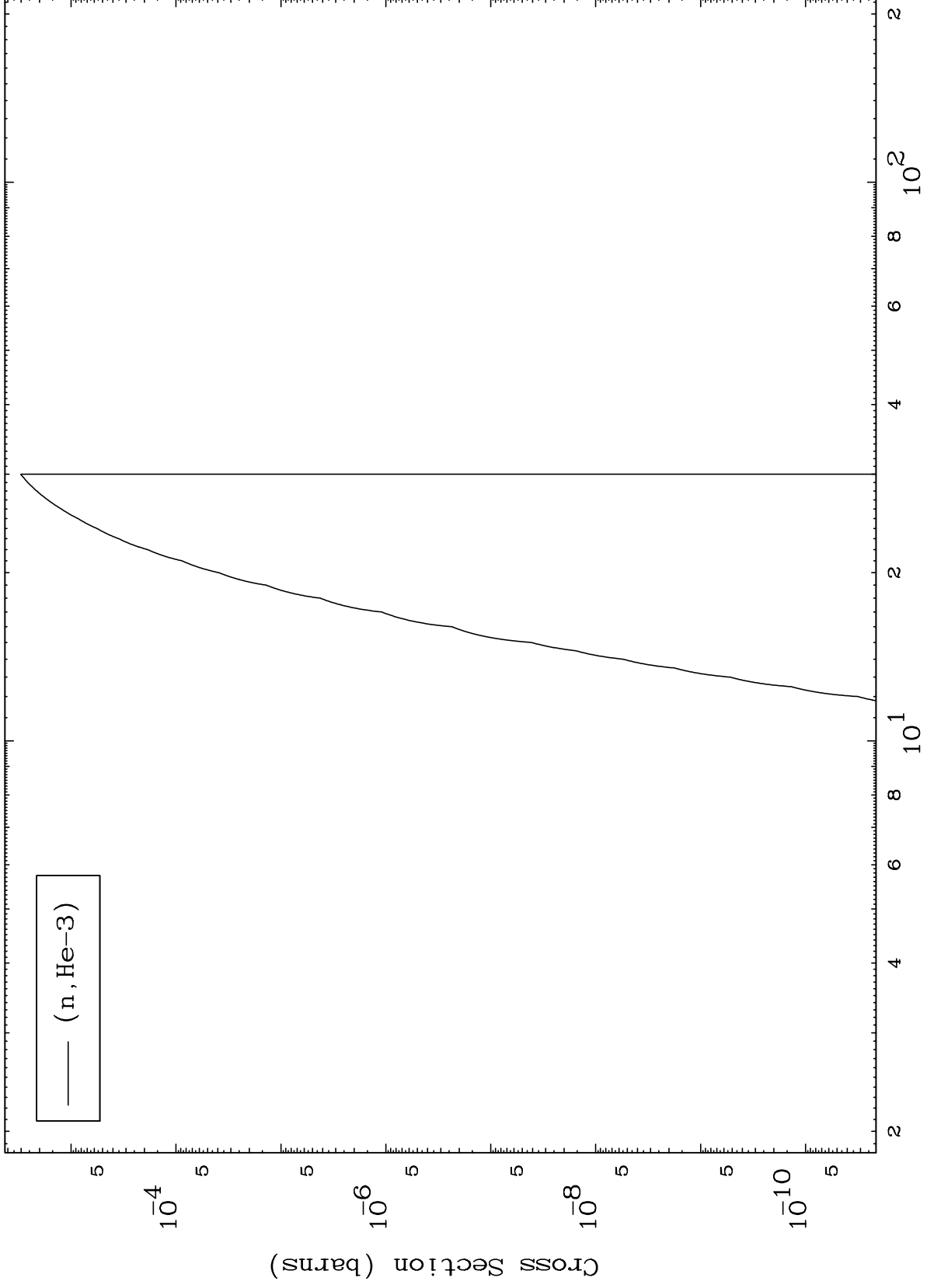
Incident Energy (MeV)

65-Tb-151m

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(n,He3) Levels
293 Kelvin Cross Sections

65-Tb-151m



16

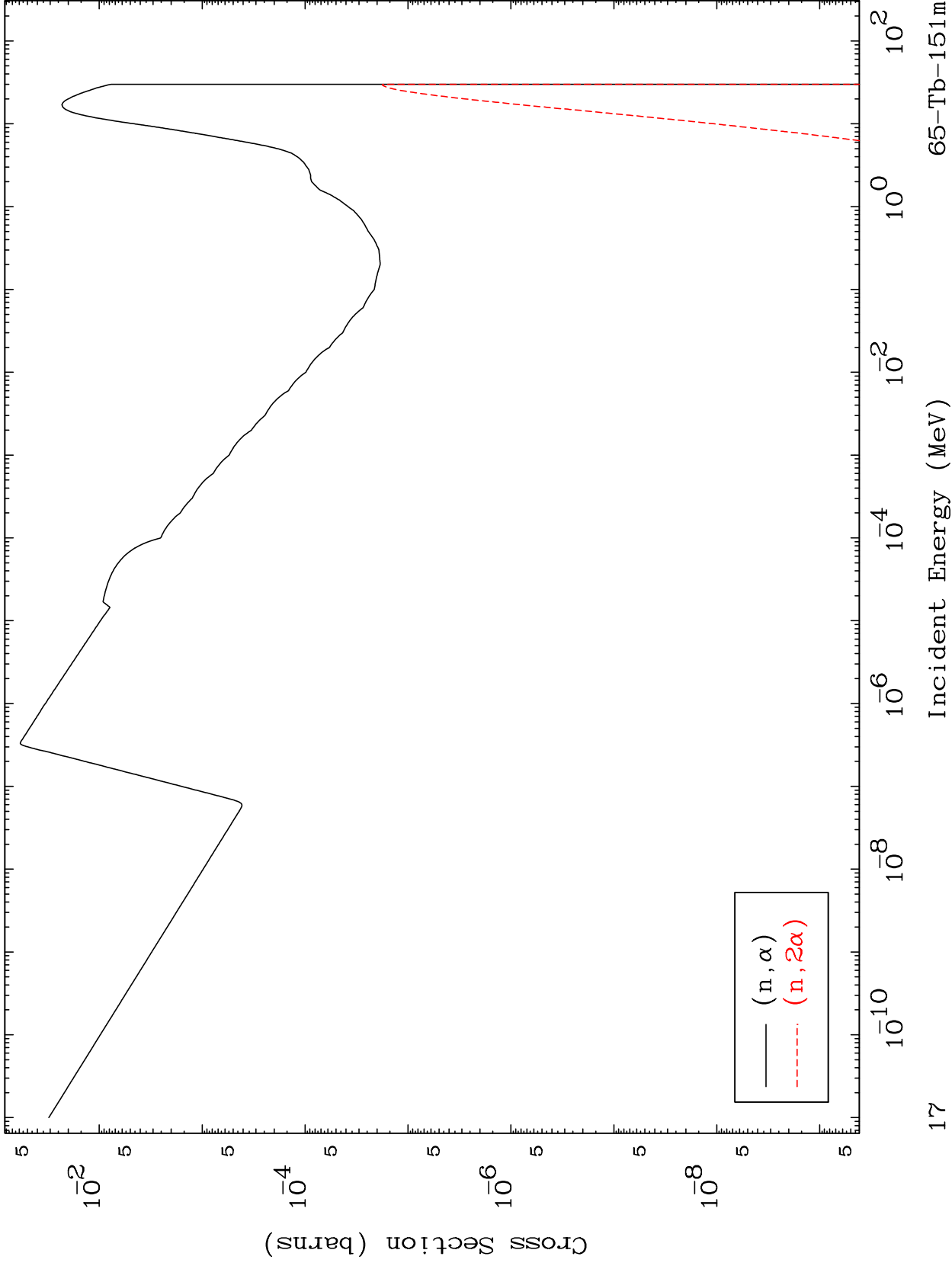
Incident Energy (MeV)

65-Tb-151m

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(n,α) Levels
293 Kelvin Cross Sections

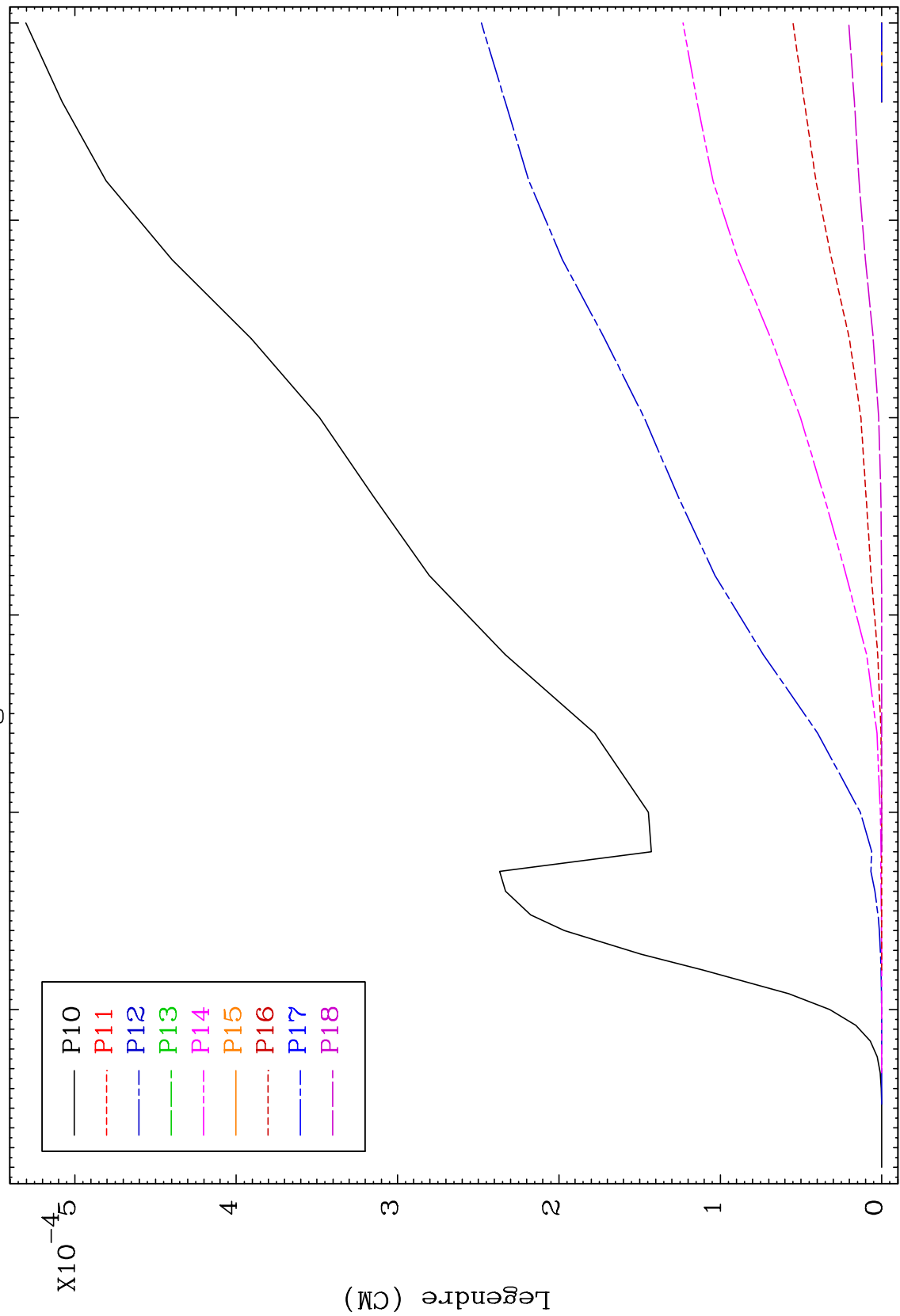
65-Tb-151m



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Elastic Legendre Coefficients

65-Tb-151m



19

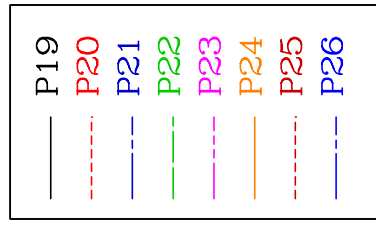
65-Tb-151m

Incident Energy (MeV)

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Elastic
Legendre Coefficients

65-Tb-151m

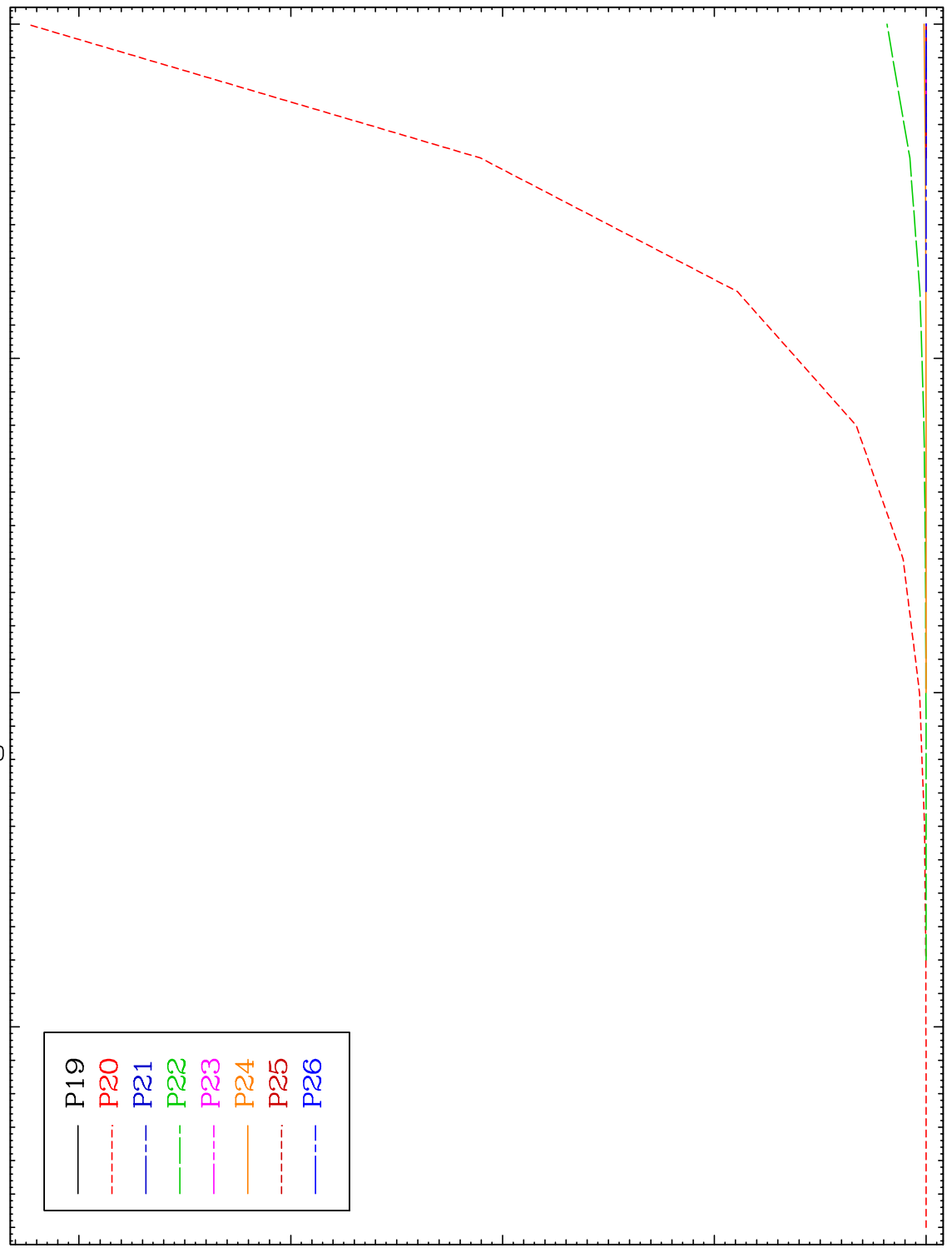


Legendre (CM)
 $\times 10^{-6}$

20

Incident Energy (MeV)

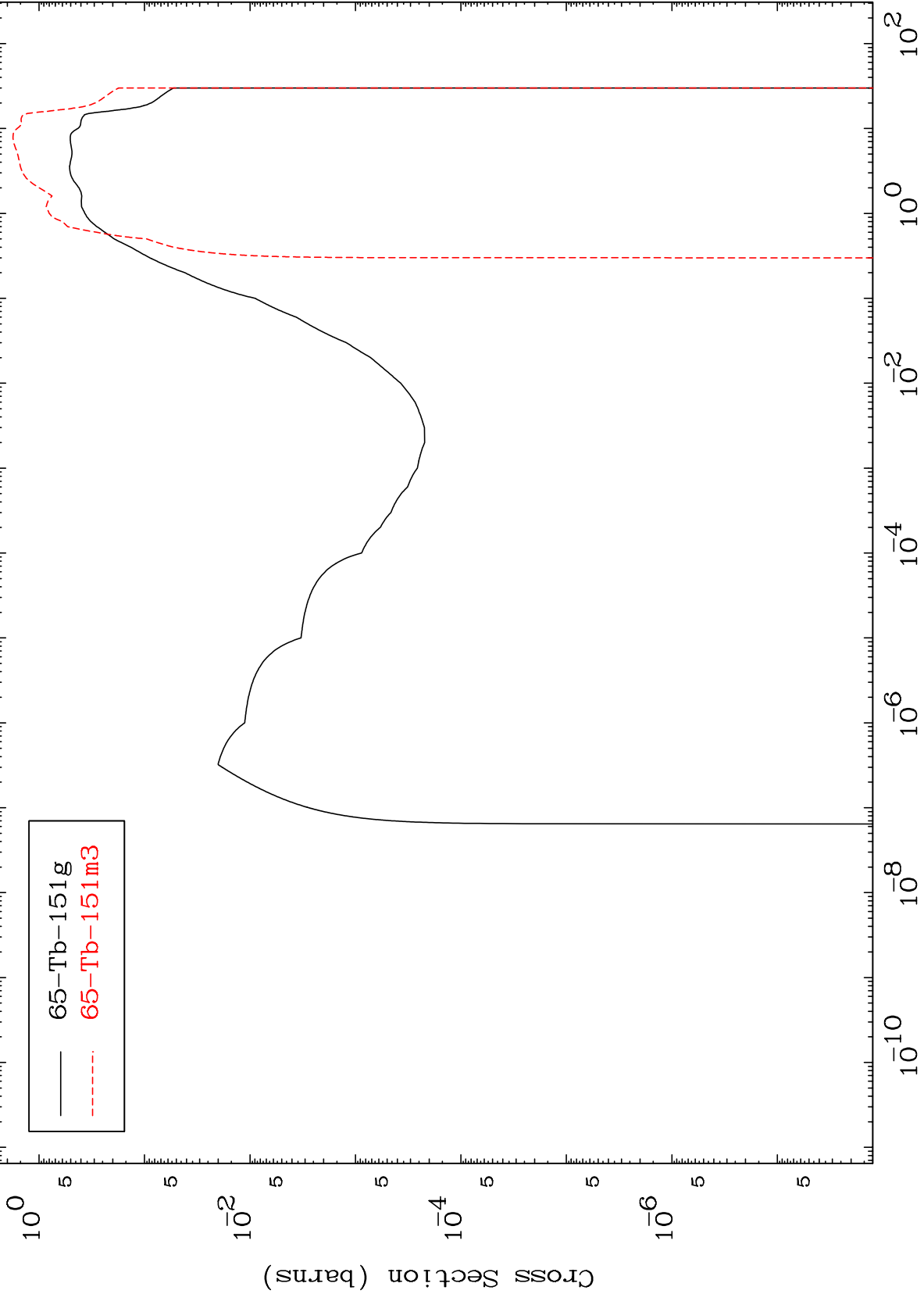
65-Tb-151m



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Inelastic
Radionuclide Production Cross Section

65-Tb-151m



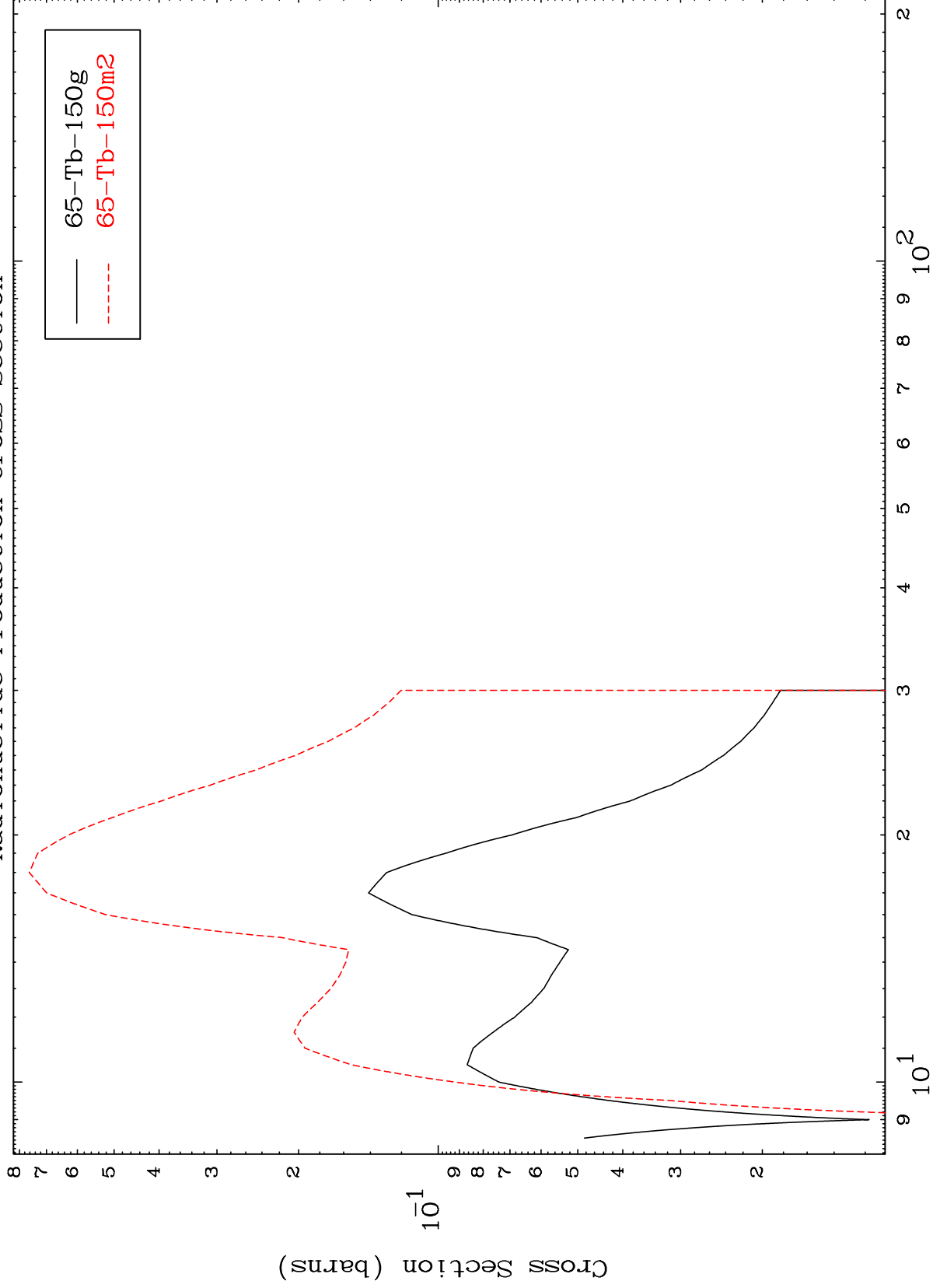
65-Tb-151m g
65-Tb-151m 3

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(n,2n)

65-Tb-151m

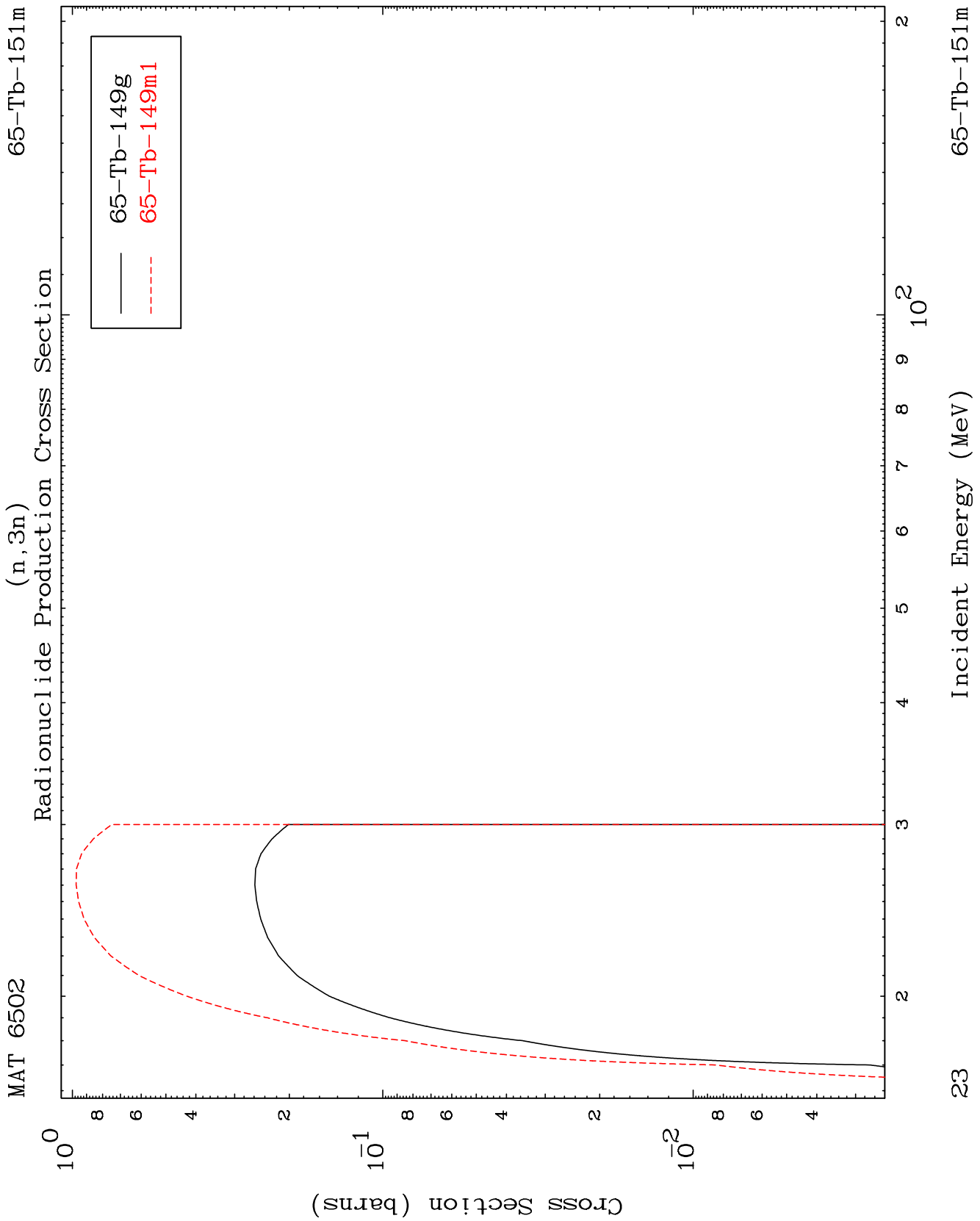
Radionuclide Production Cross Section



22

Incident Energy (MeV)

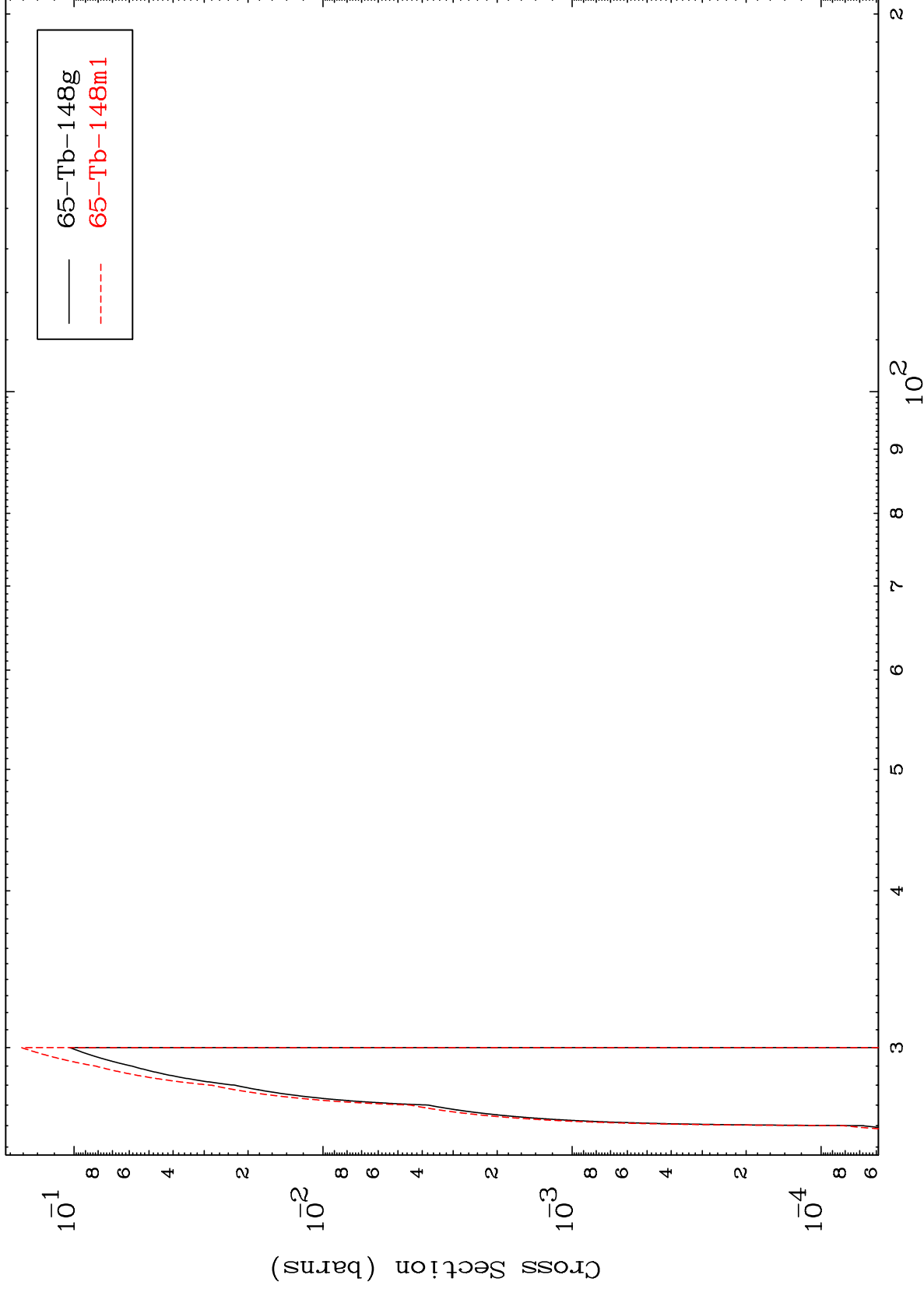
65-Tb-151m



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65-Tb-151m

(n,4n)
Radionuclide Production Cross Section



24

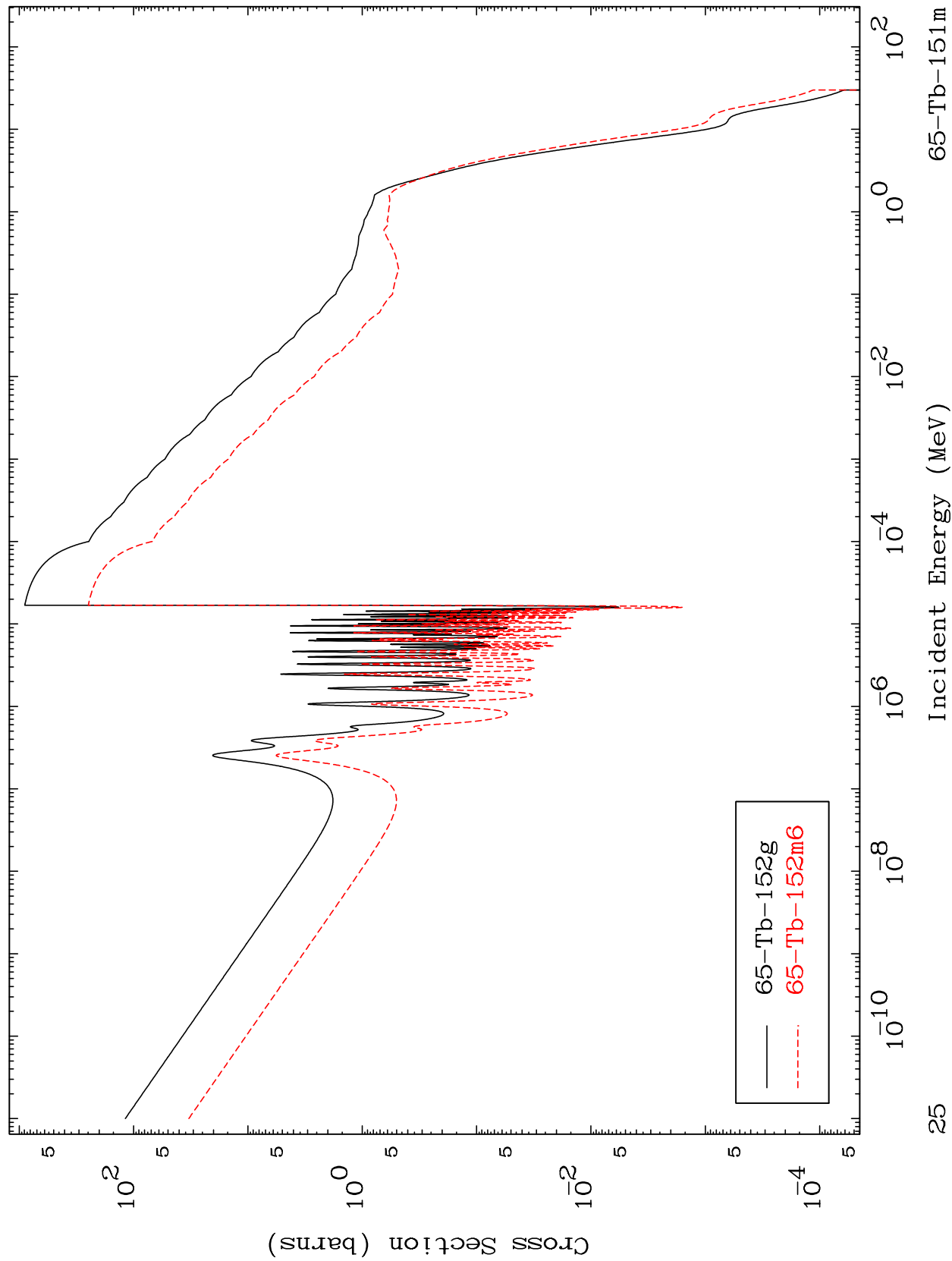
65-Tb-151m

Incident Energy (MeV)

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65-Tb-151m

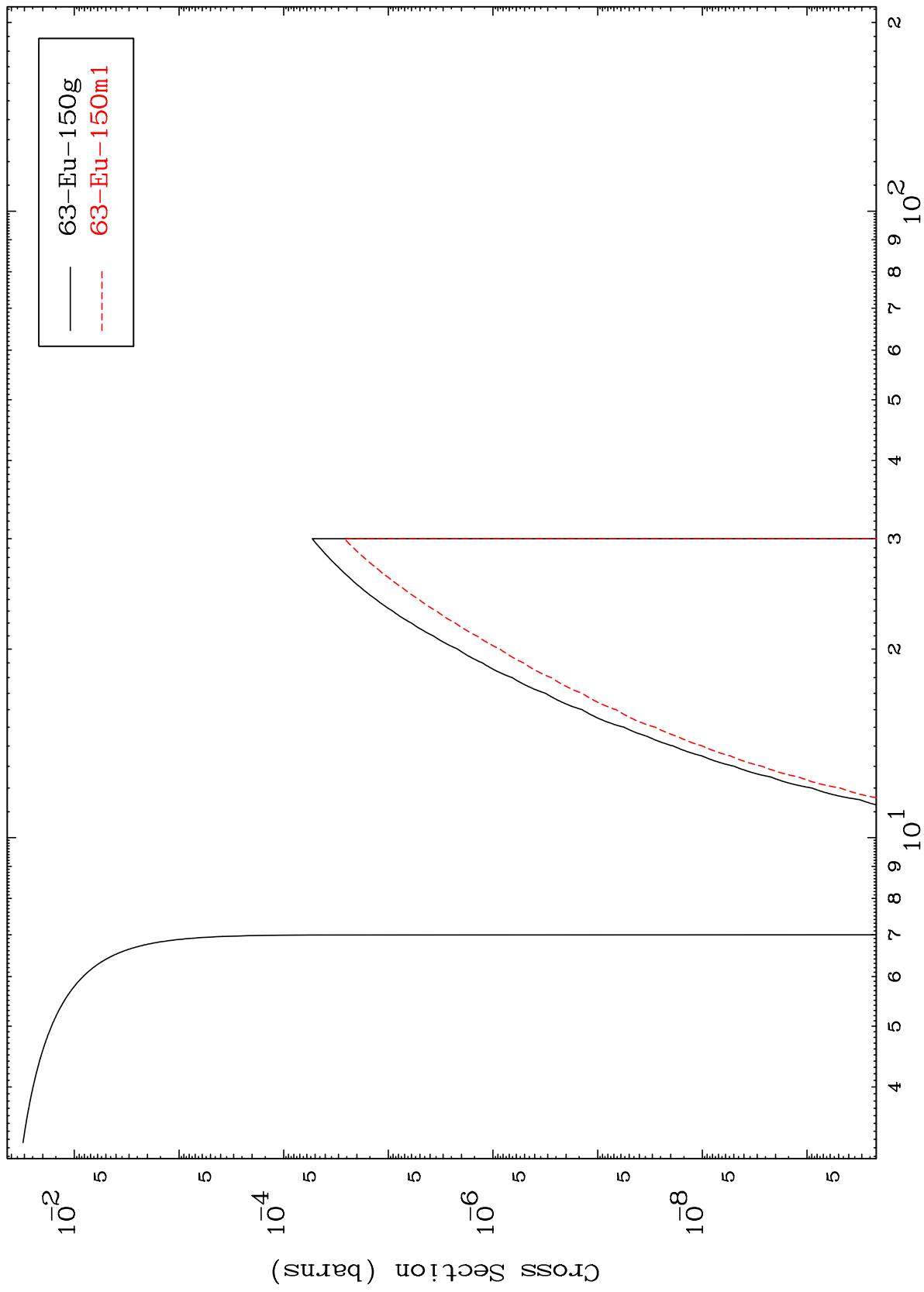
Radionuclide Production Cross Section
(n, γ)



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65-Tb-151m

(n,2p)
Radionuclide Production Cross Section



26

65-Tb-151m

Incident Energy (MeV)