

Program EVALPLOT
(Version 2021-1)

by

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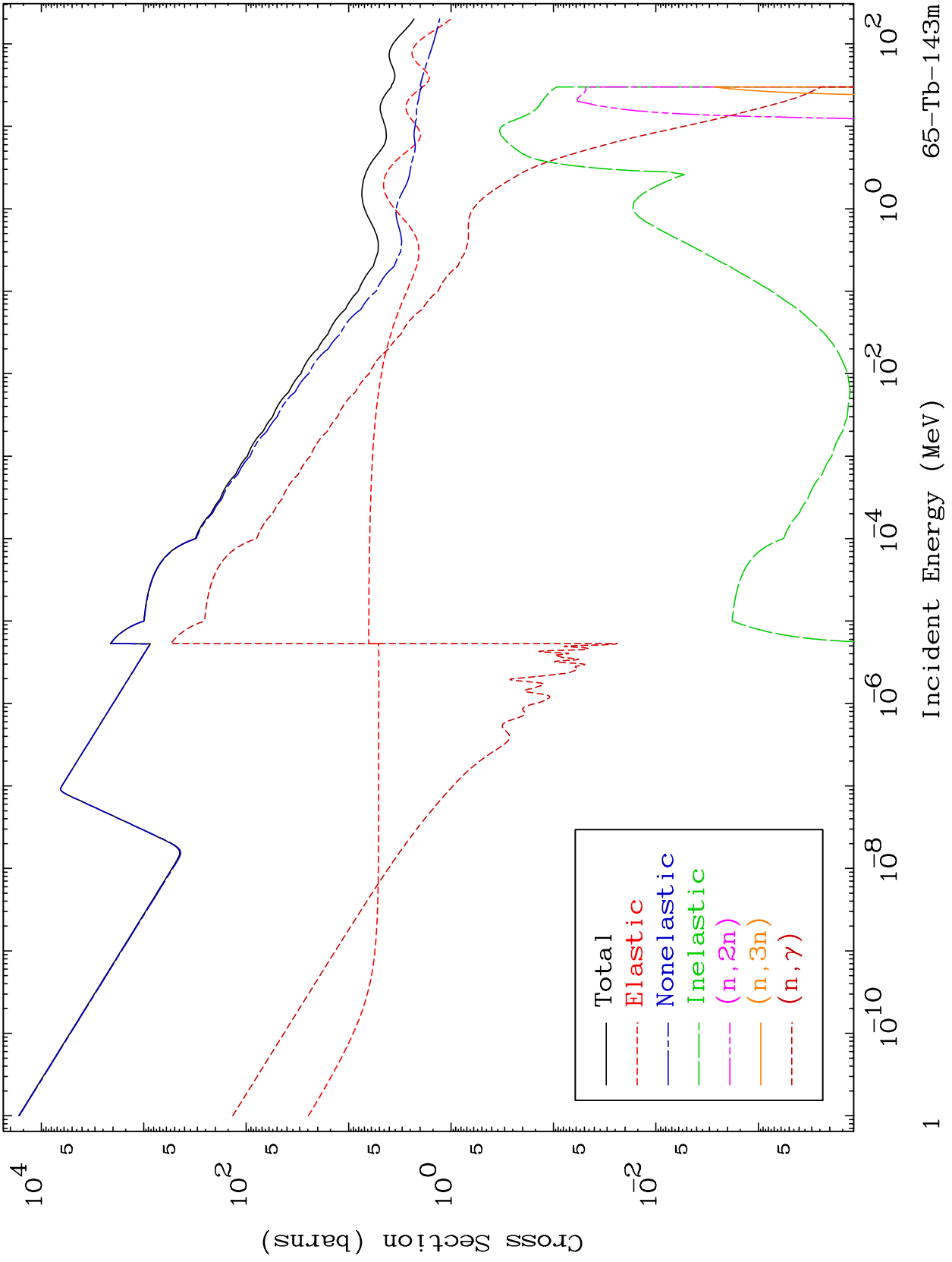
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6478

Neutron Major
293 Kelvin Cross Sections

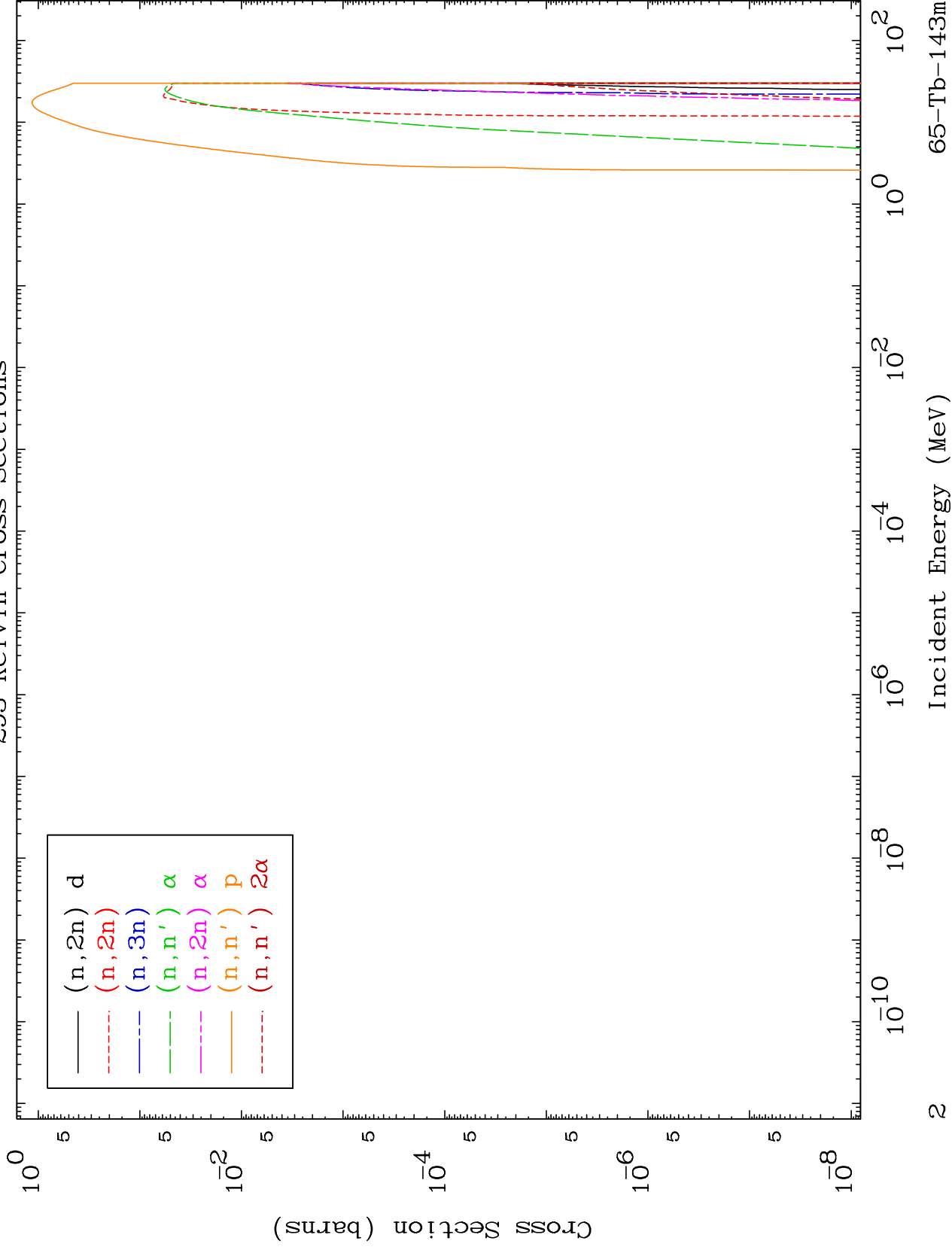
65-Tb-143m



MAT 6478

Neutron Absorption
293 Kelvin Cross Sections

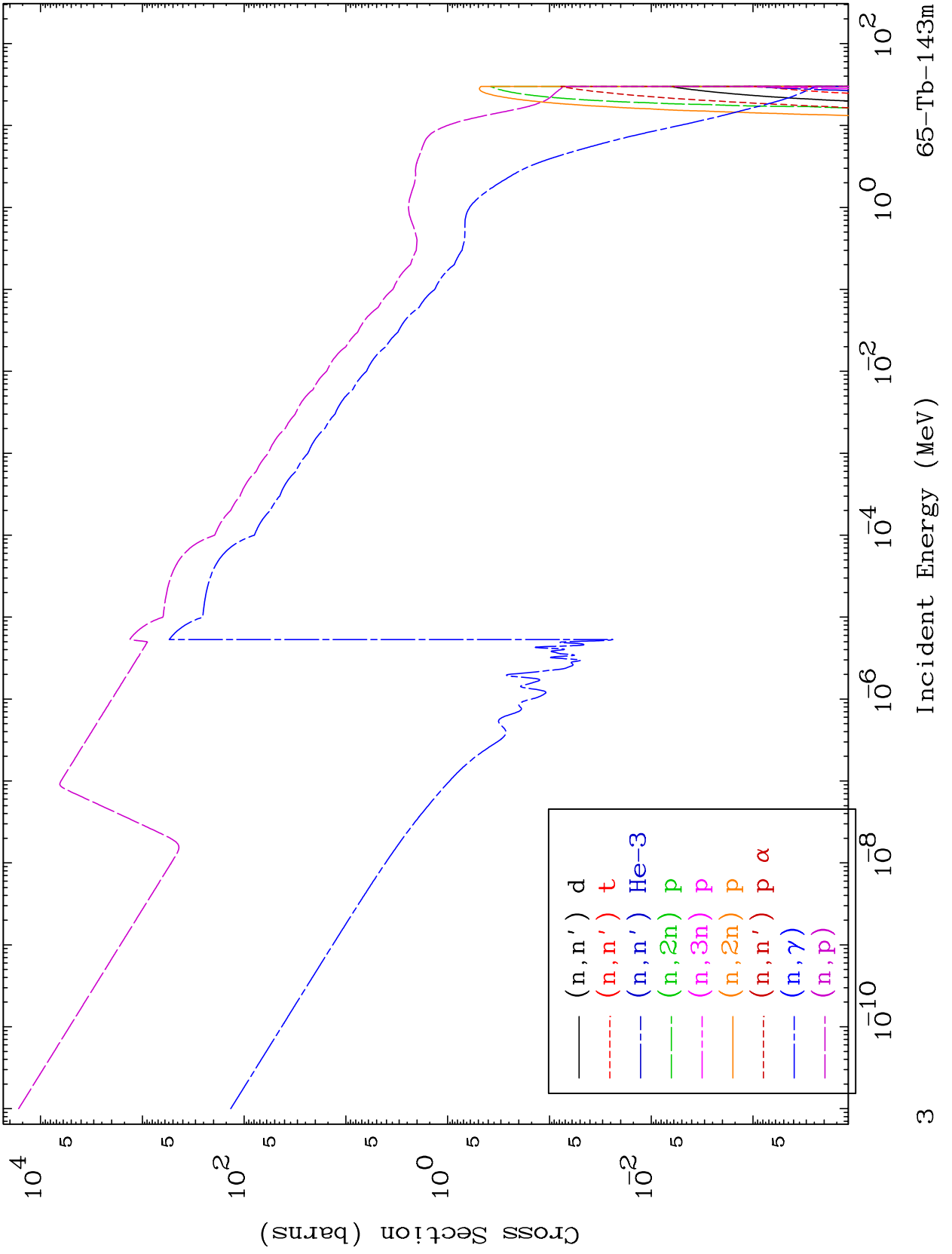
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MAT 6478

Neutron Absorption
293 Kelvin Cross Sections

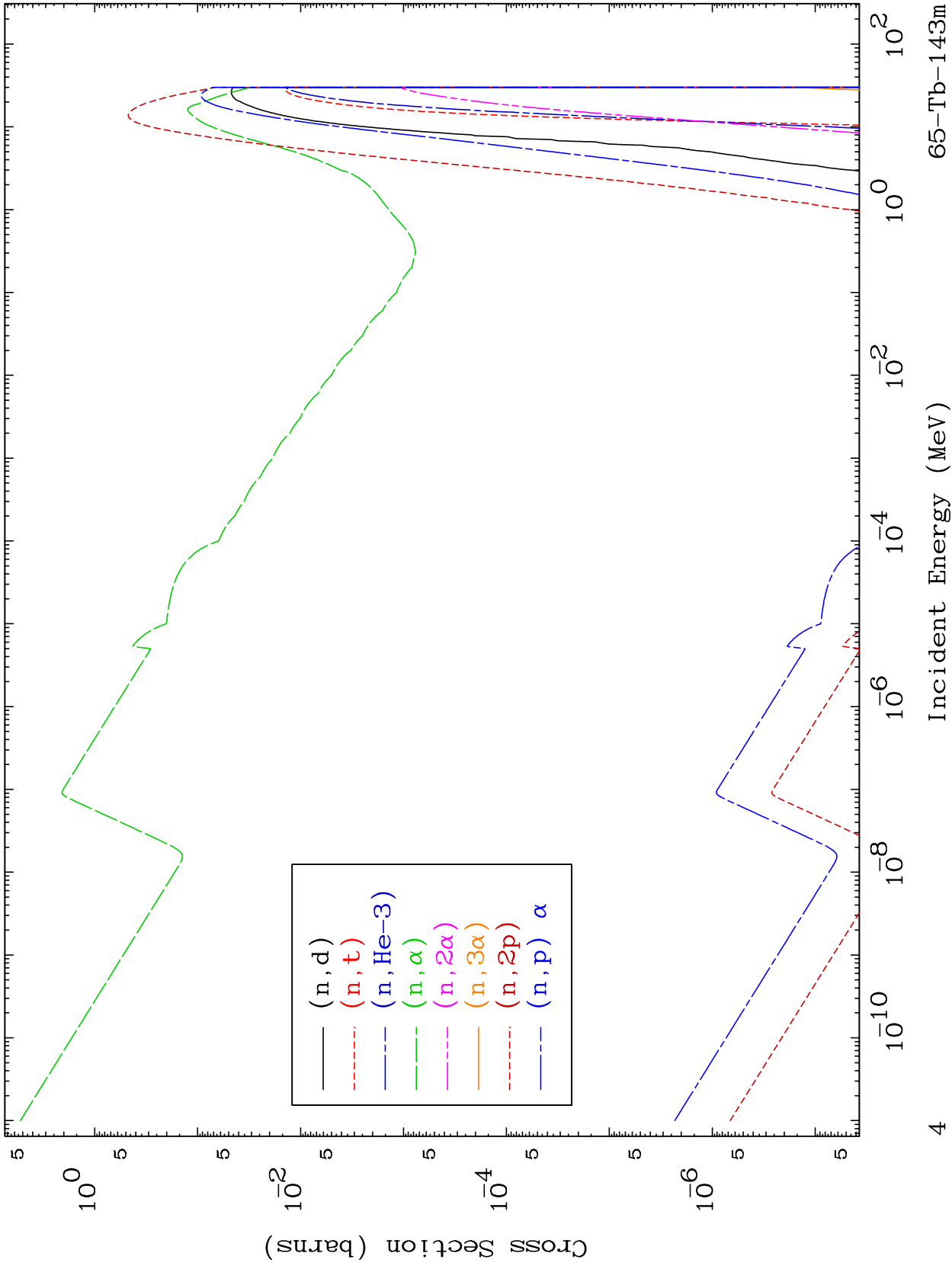
65-Tb-143m



MAT 6478

Neutron Absorption
293 Kelvin Cross Sections

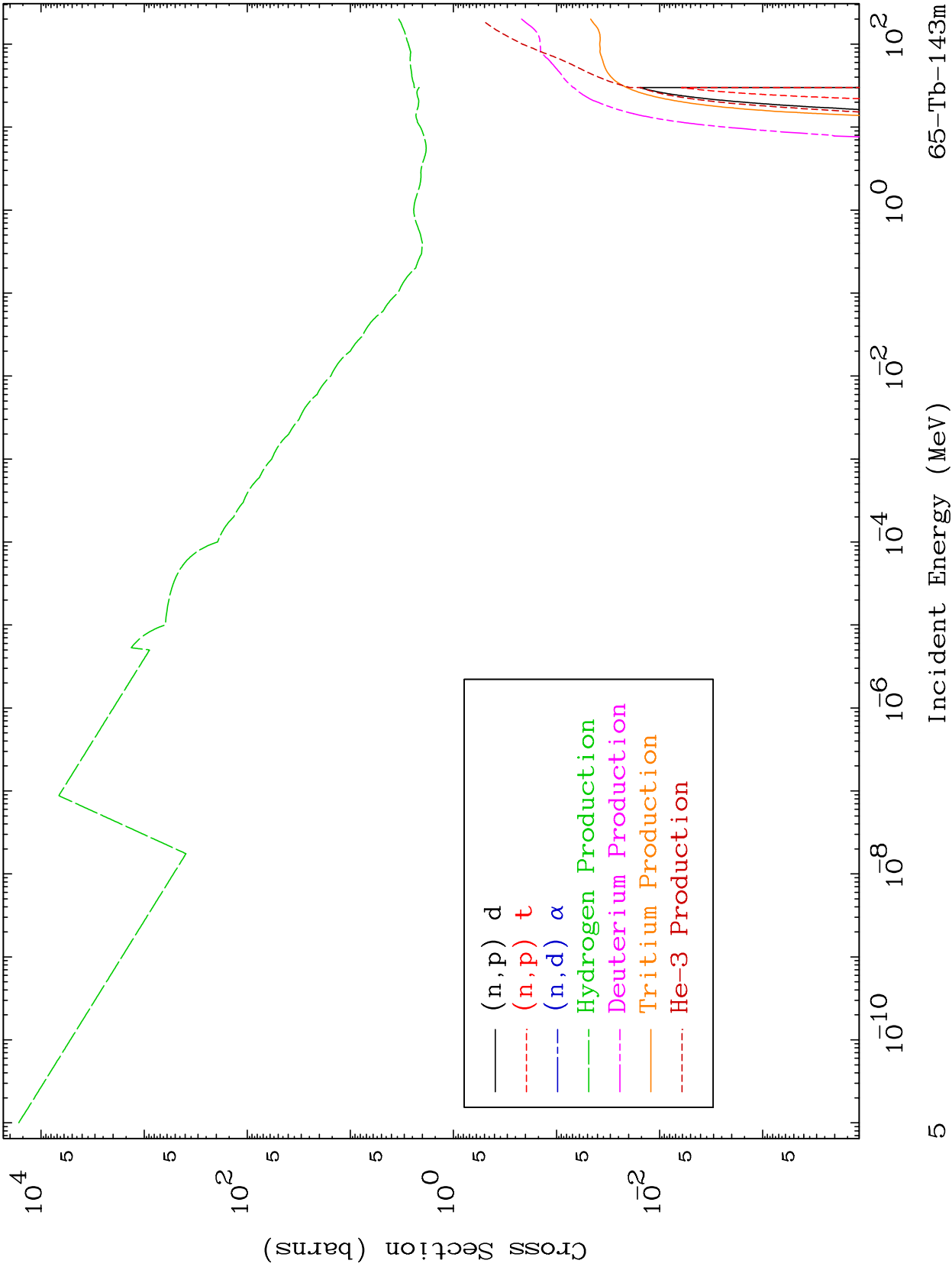
65-Tb-143m



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Neutron Absorption
293 Kelvin Cross Sections

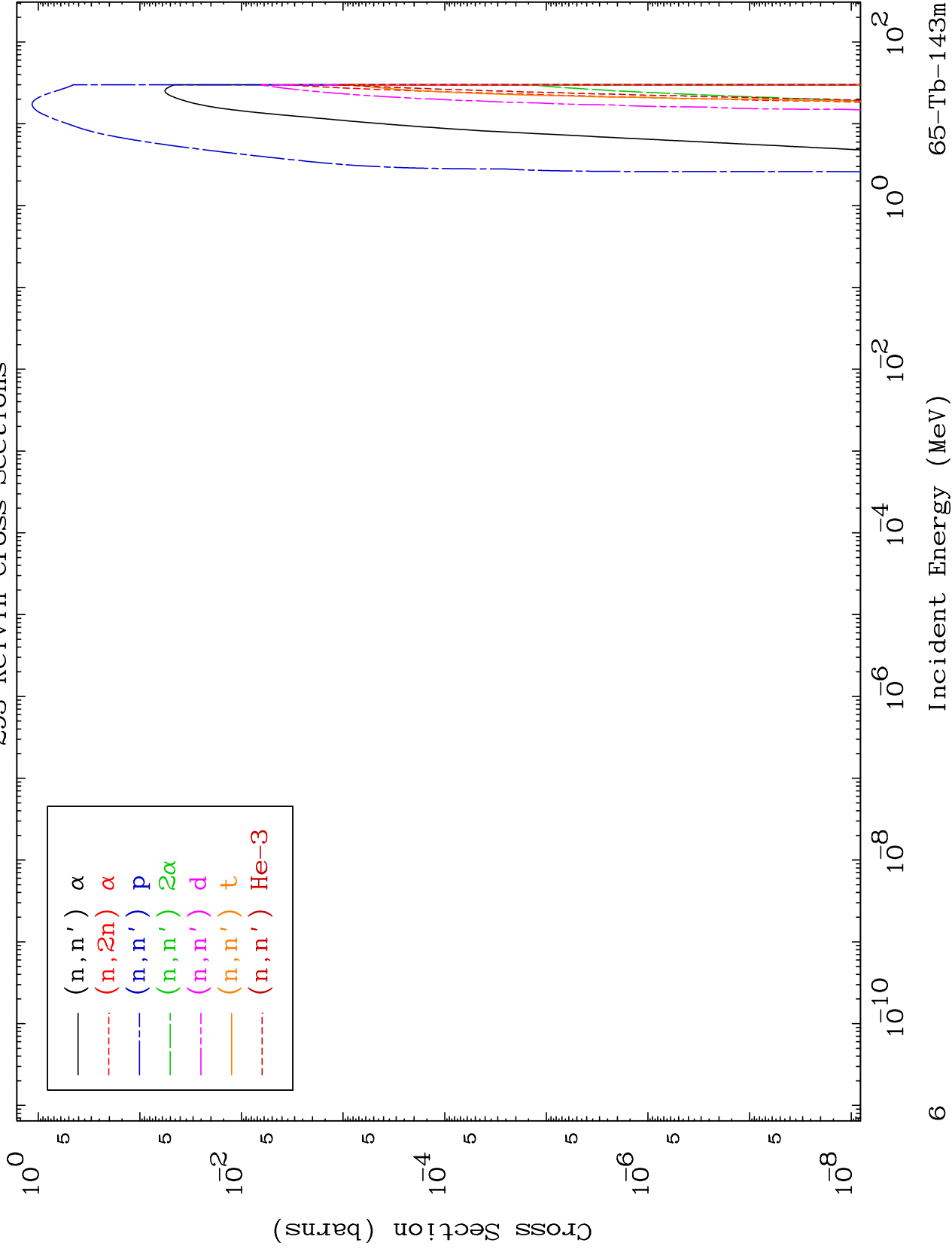
65-Tb-143m



MAT 6478

Charged Particle
293 Kelvin Cross Sections

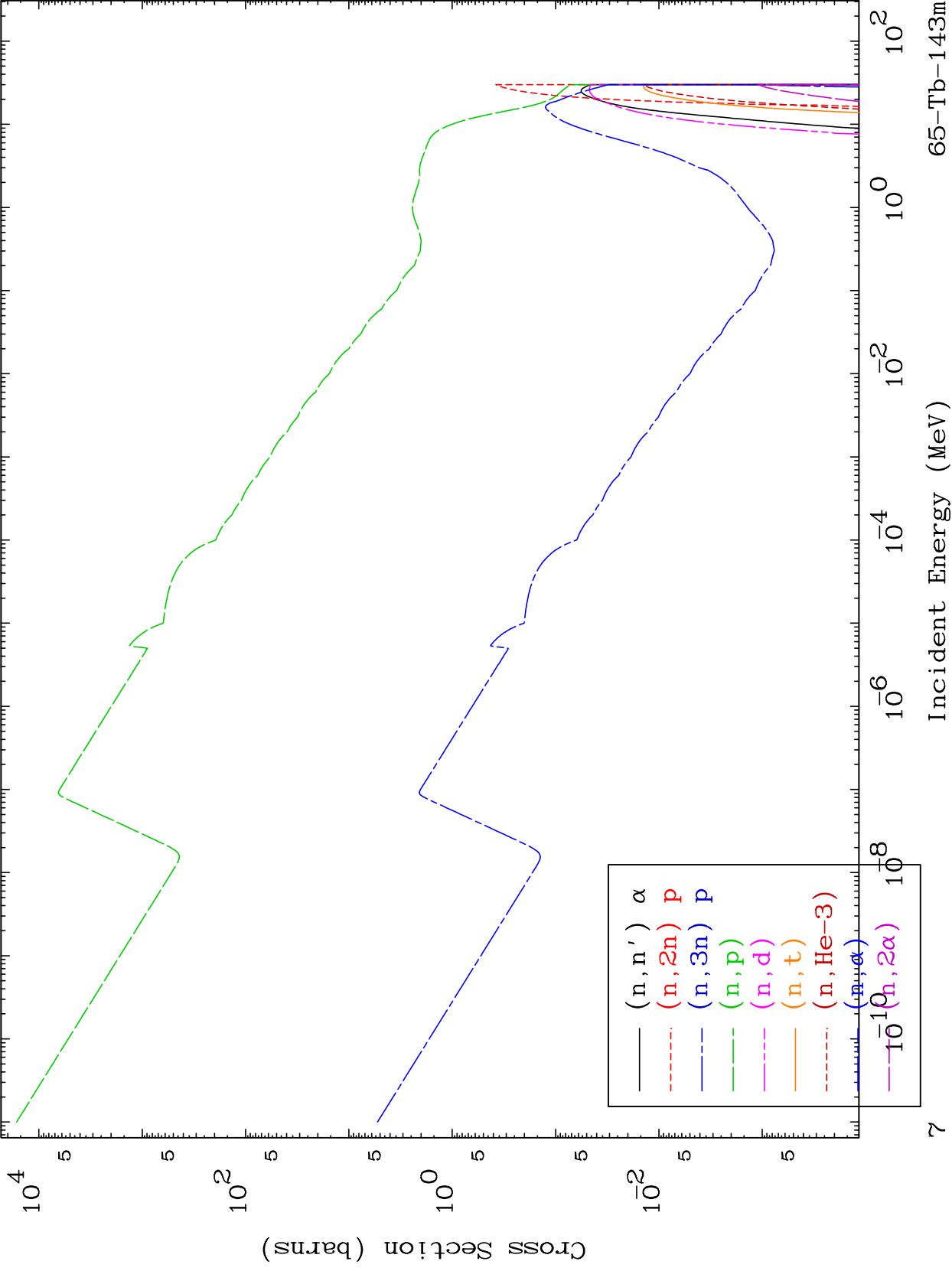
65-Tb-143m



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Charged Particle
293 Kelvin Cross Sections

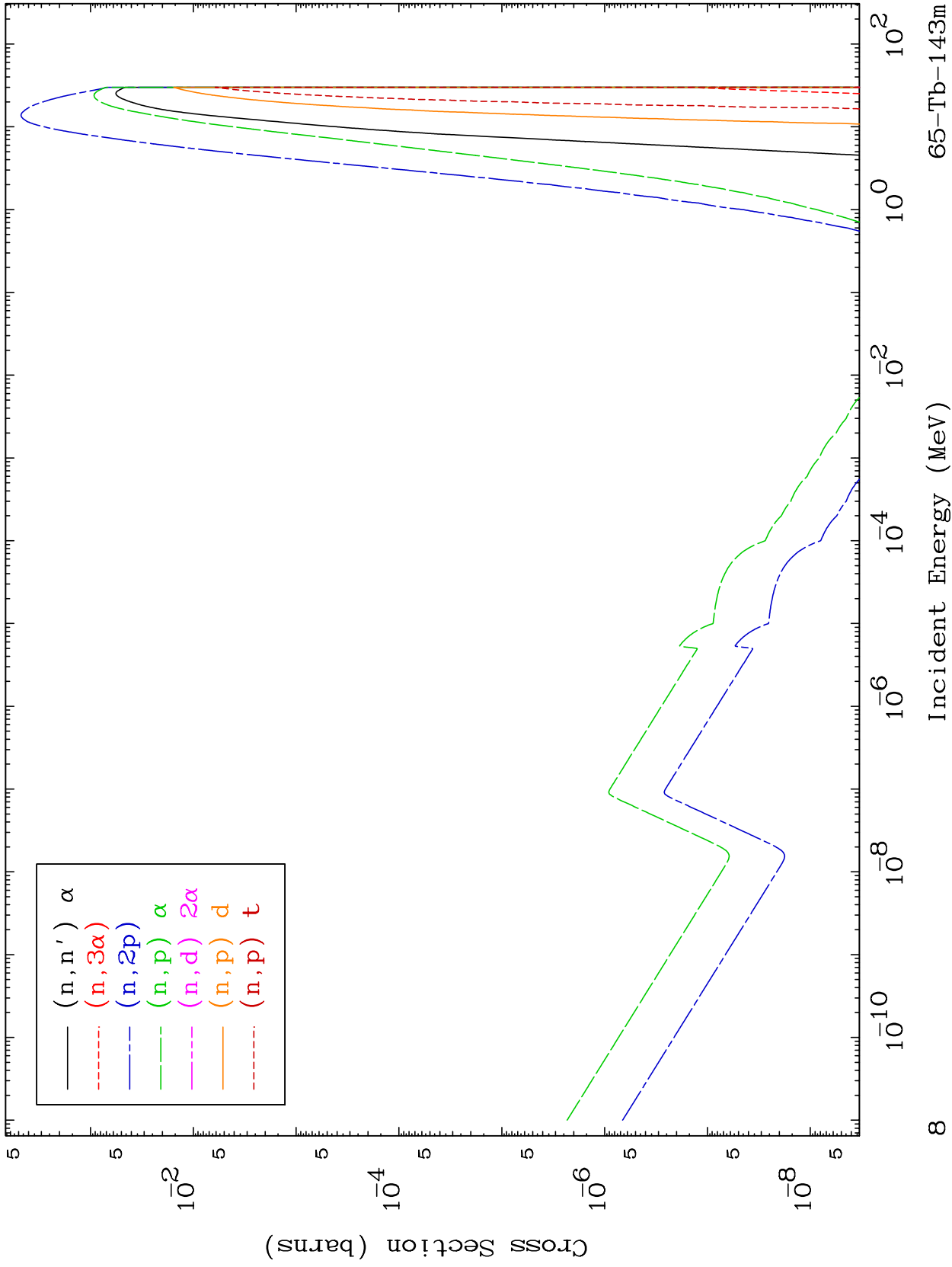
65-Tb-143m



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Charged Particle
293 Kelvin Cross Sections

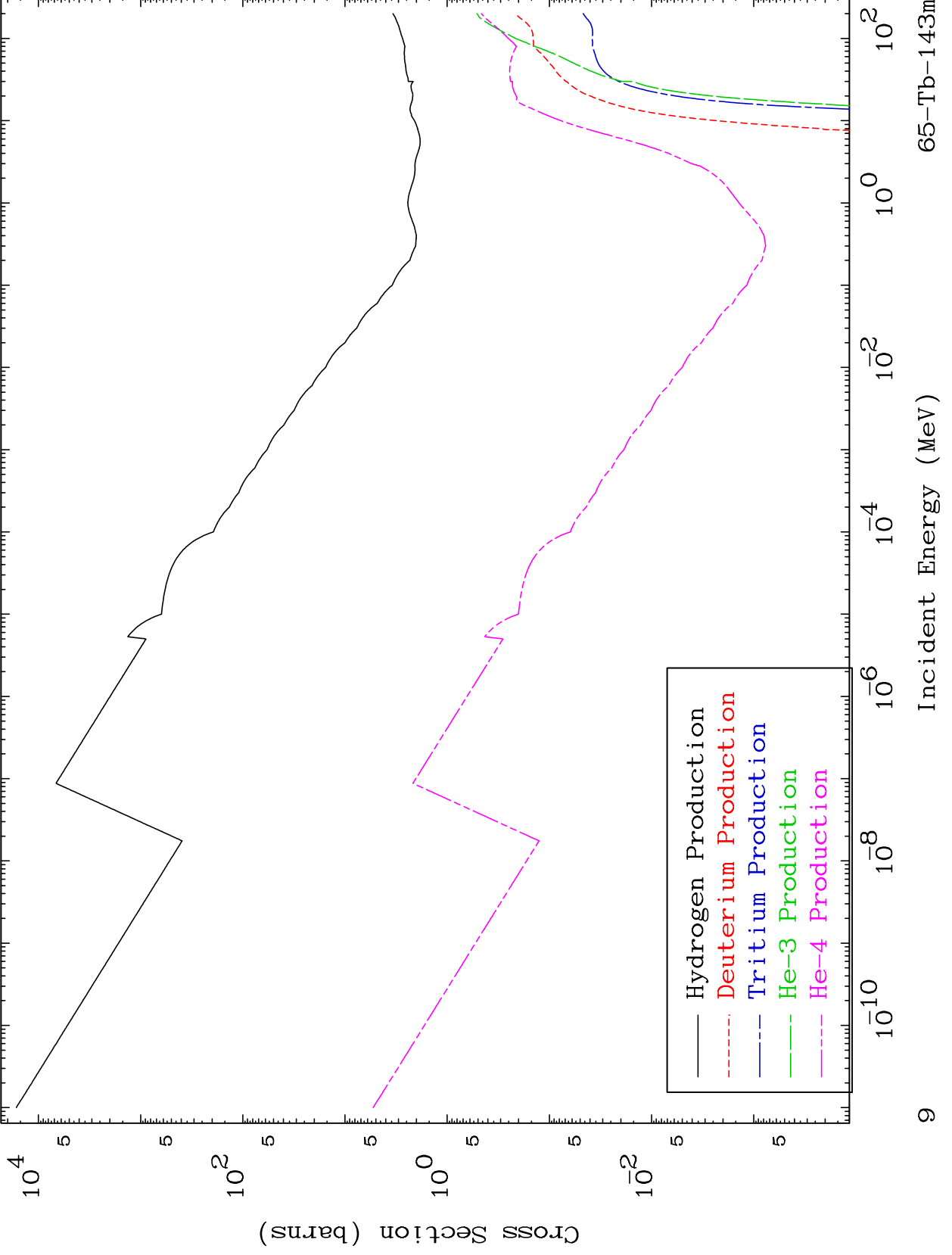
65-Tb-143m



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Particle Production
293 Kelvin Cross Sections

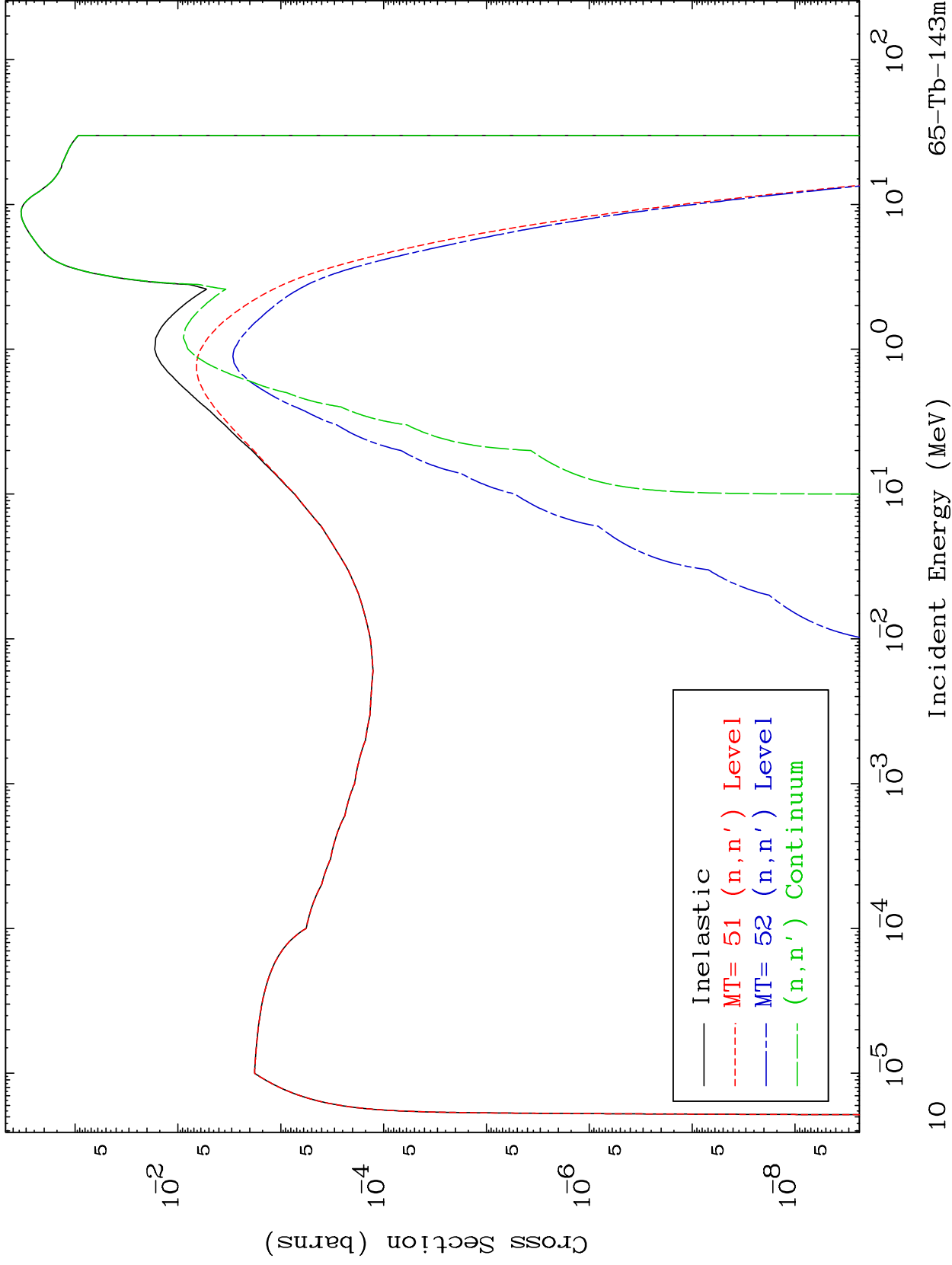
65-Tb-143m



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(n,n') Levels
293 Kelvin Cross Sections

65-Tb-143m



65-Tb-143m

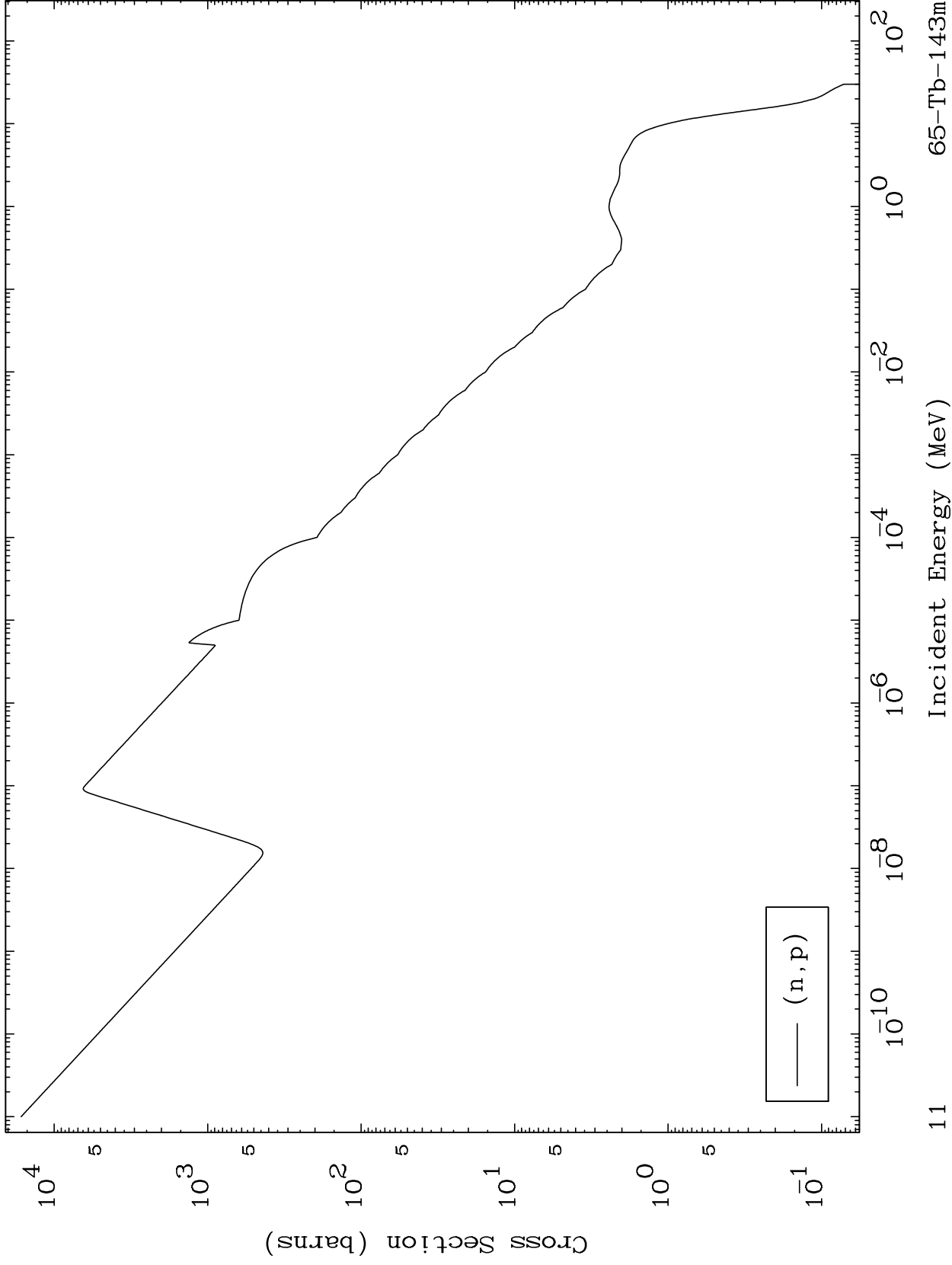
Incident Energy (MeV)

10

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(n,p) Levels
293 Kelvin Cross Sections

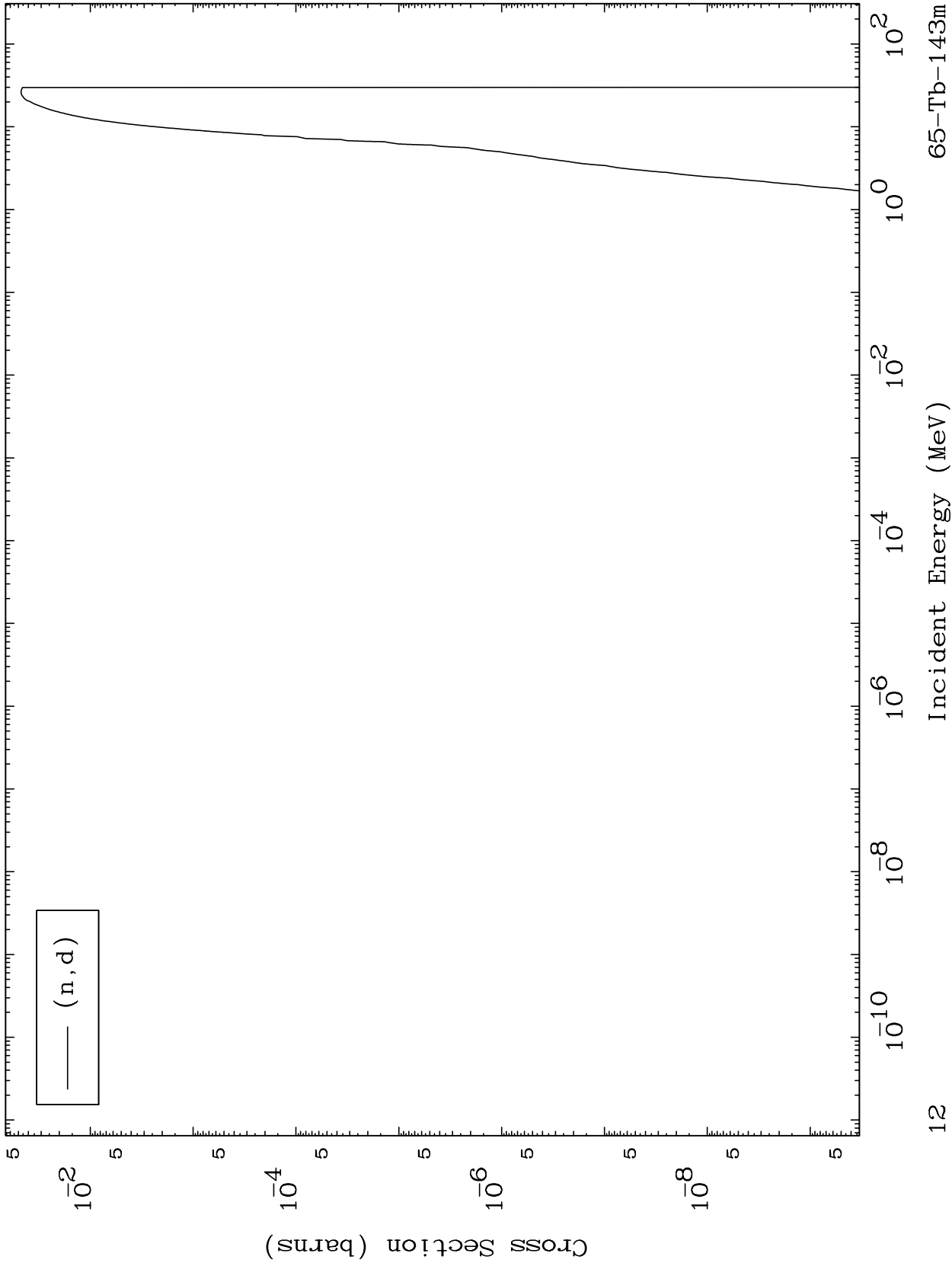
65-Tb-143m



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(n,d) Levels
293 Kelvin Cross Sections

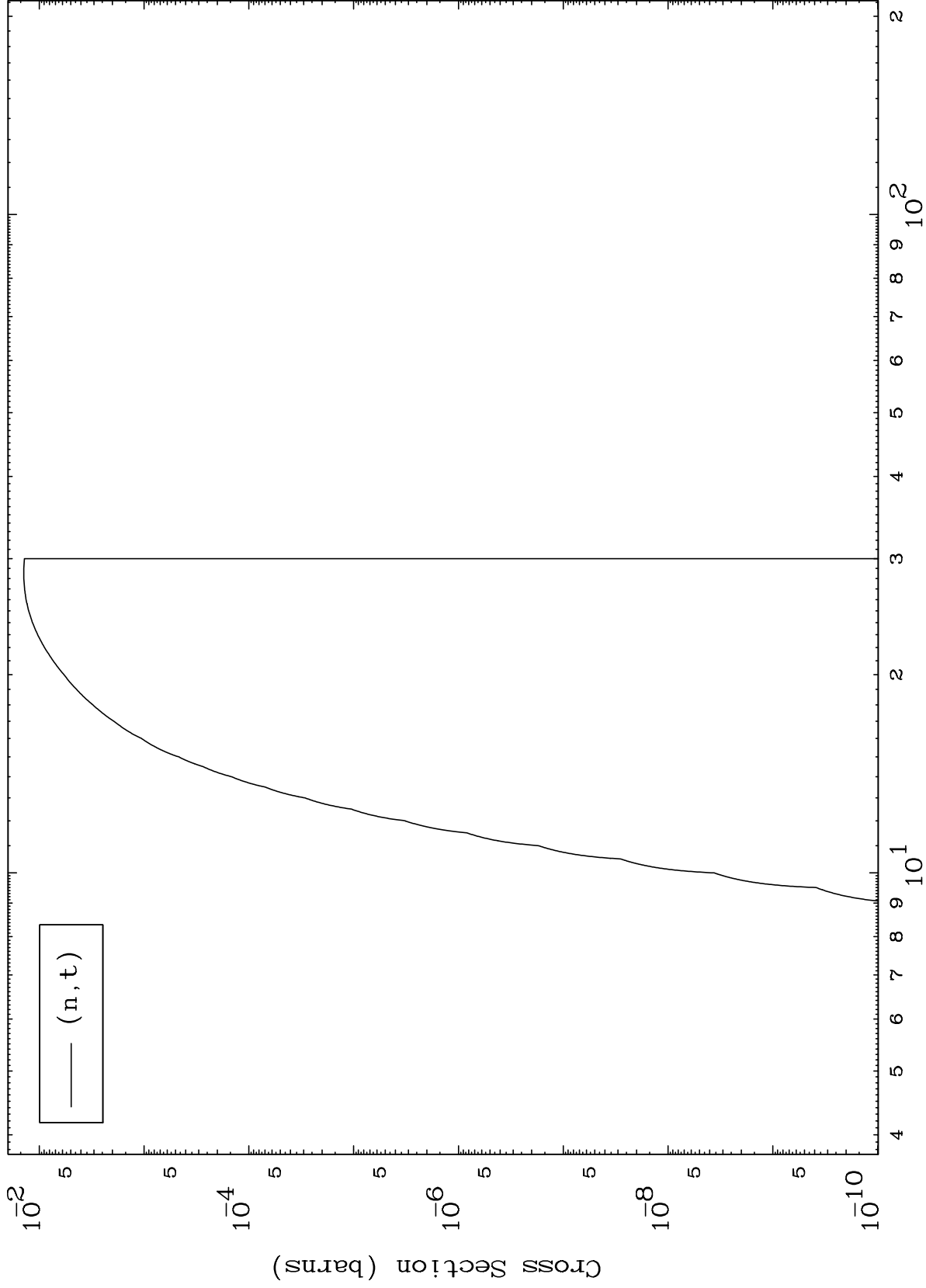
65-Tb-143m



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(n,t) Levels
293 Kelvin Cross Sections

65-Tb-143m



13

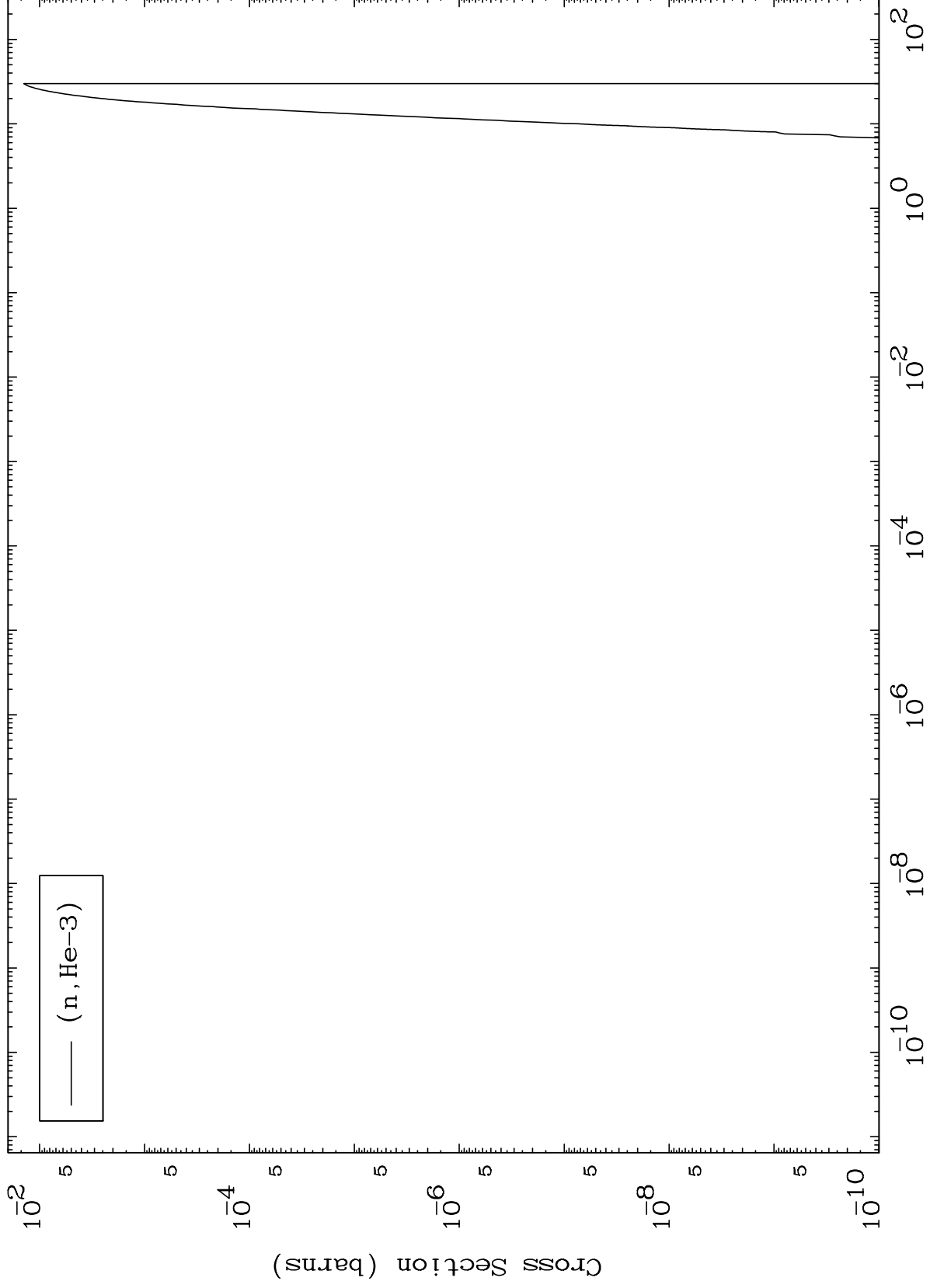
Incident Energy (MeV)

65-Tb-143m

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(n,He3) Levels
293 Kelvin Cross Sections

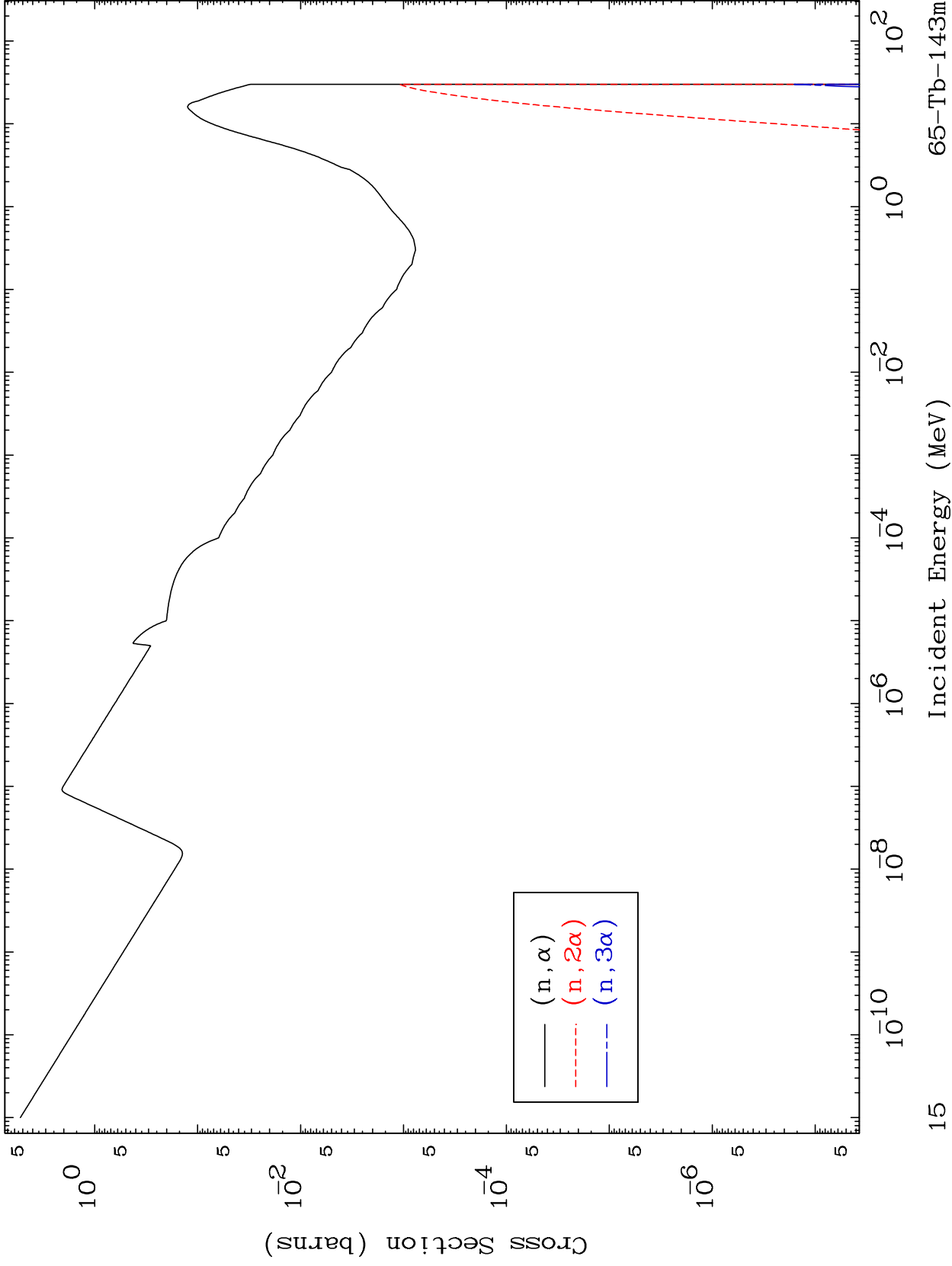
65-Tb-143m



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(n, α) Levels
293 Kelvin Cross Sections

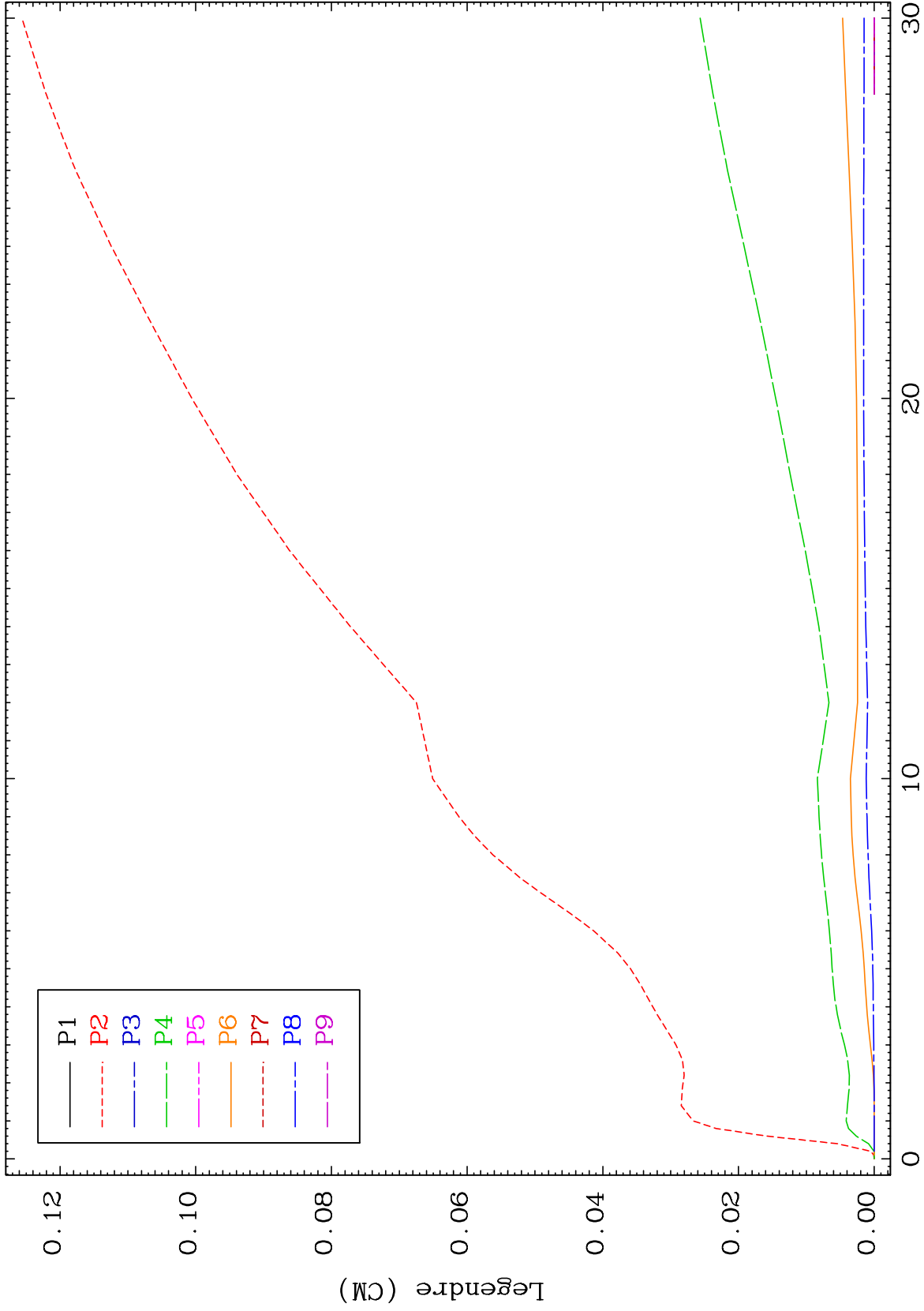
65-Tb-143m



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Elastic Legendre Coefficients

65-Tb-143m



65-Tb-143m

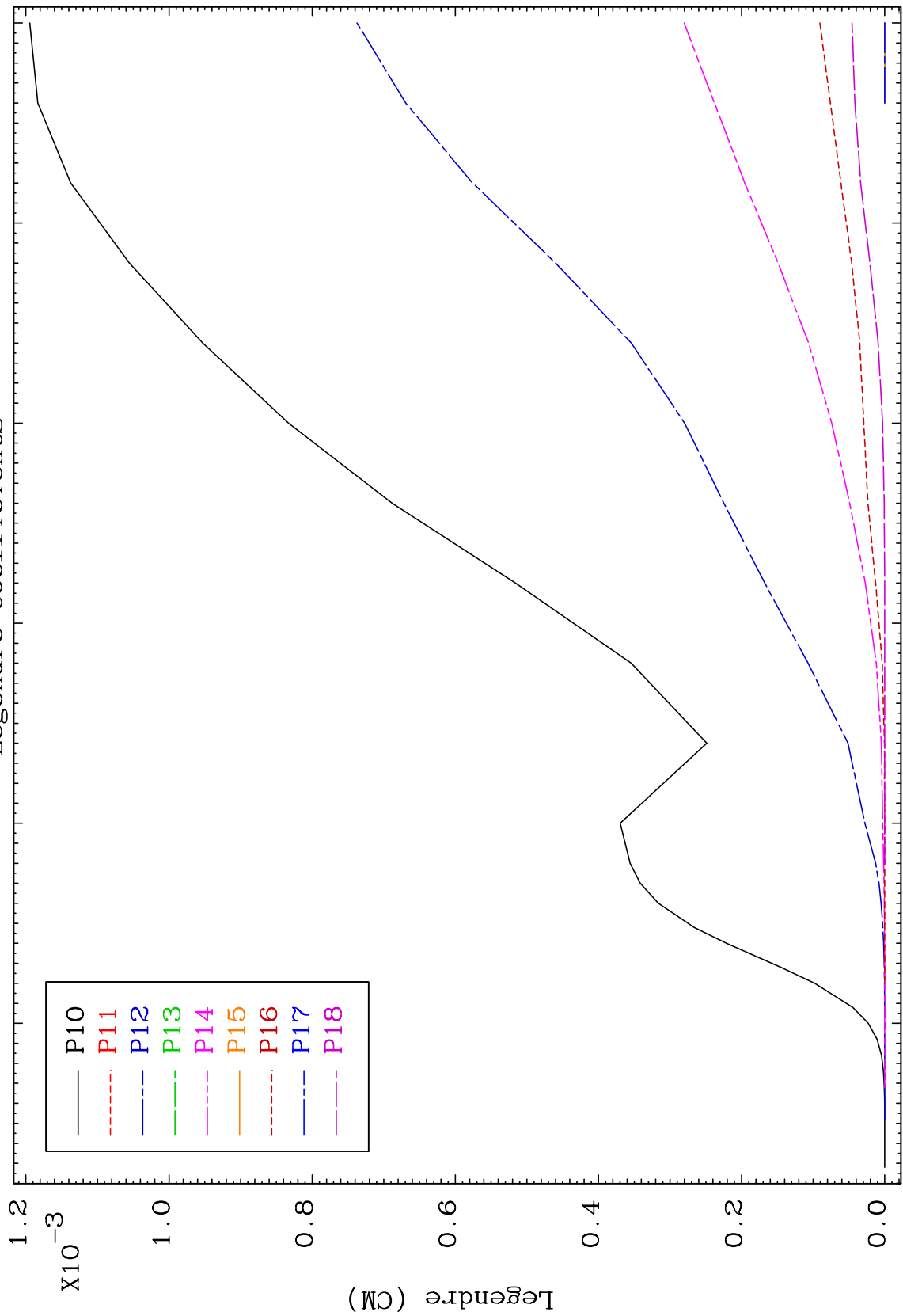
Incident Energy (MeV)

16

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Elastic Legendre Coefficients

65-Tb-143m



17

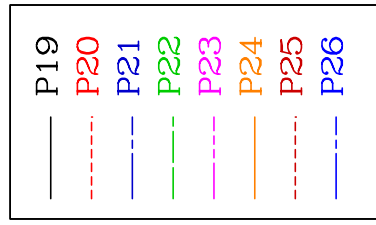
65-Tb-143m

Incident Energy (MeV)

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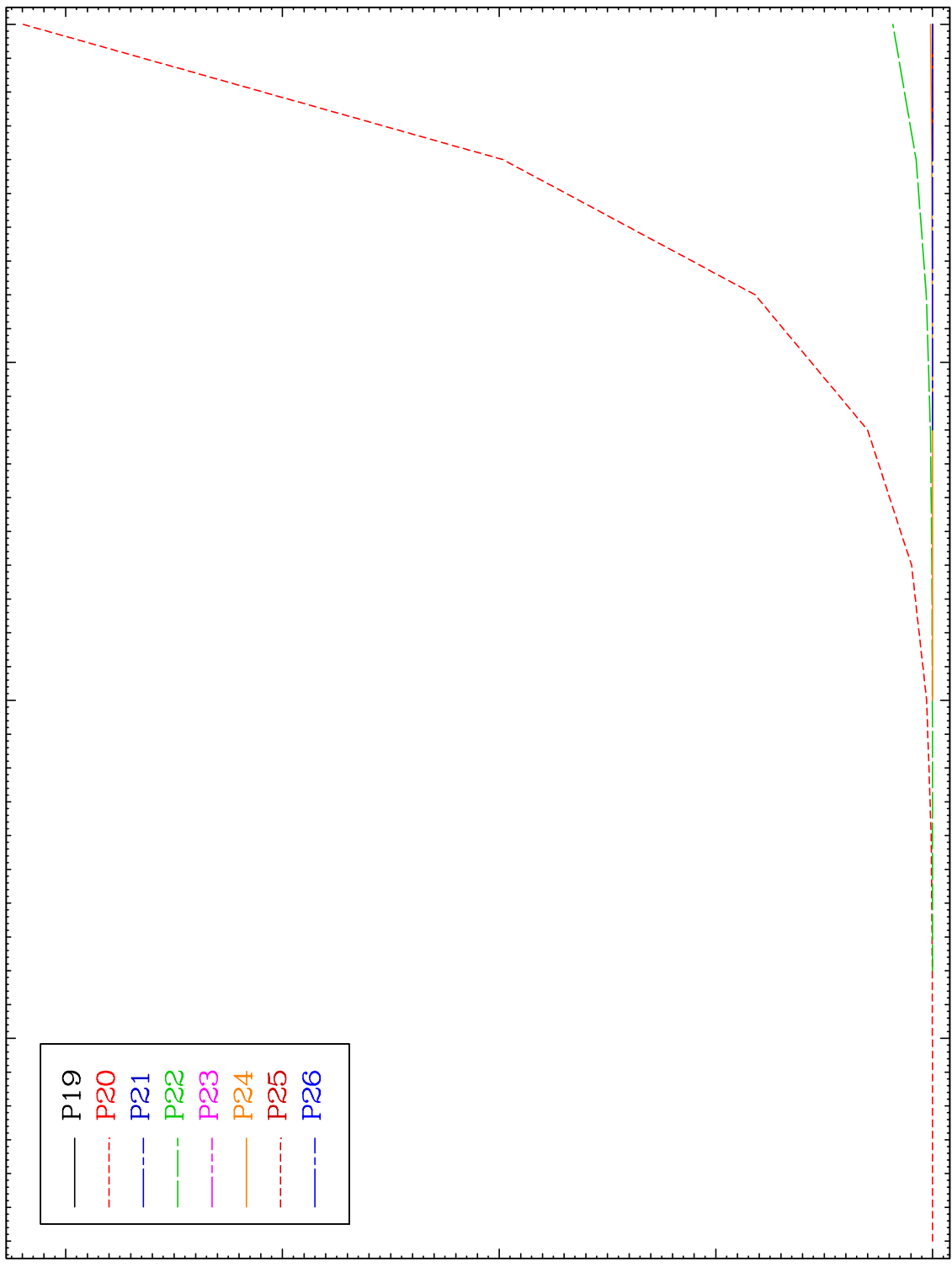
Elastic
Legendre Coefficients

65-Tb-143m



$\times 10^{-68}$

Legendre (CM)



18

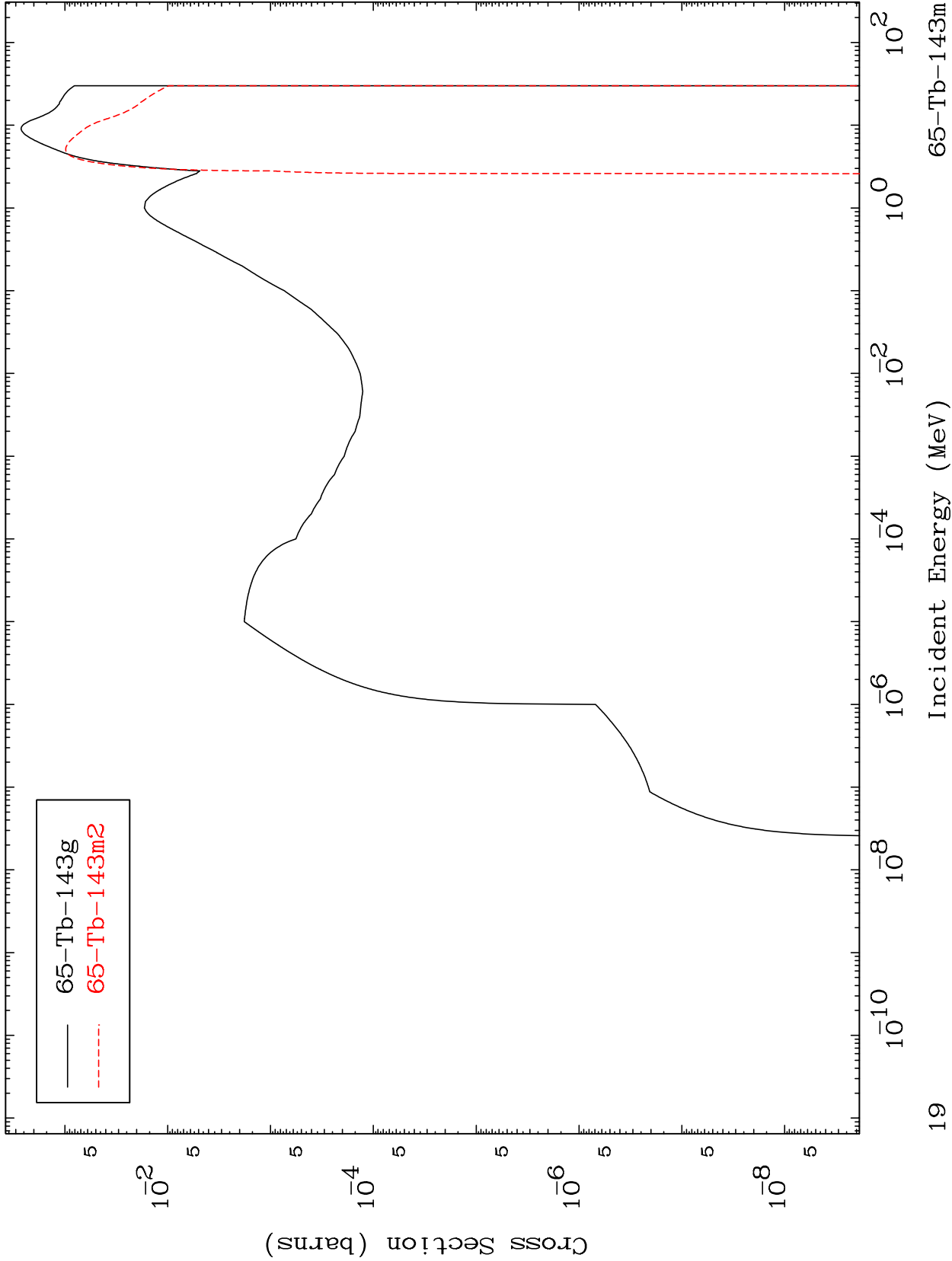
Incident Energy (MeV)

65-Tb-143m

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Inelastic
Radionuclide Production Cross Section

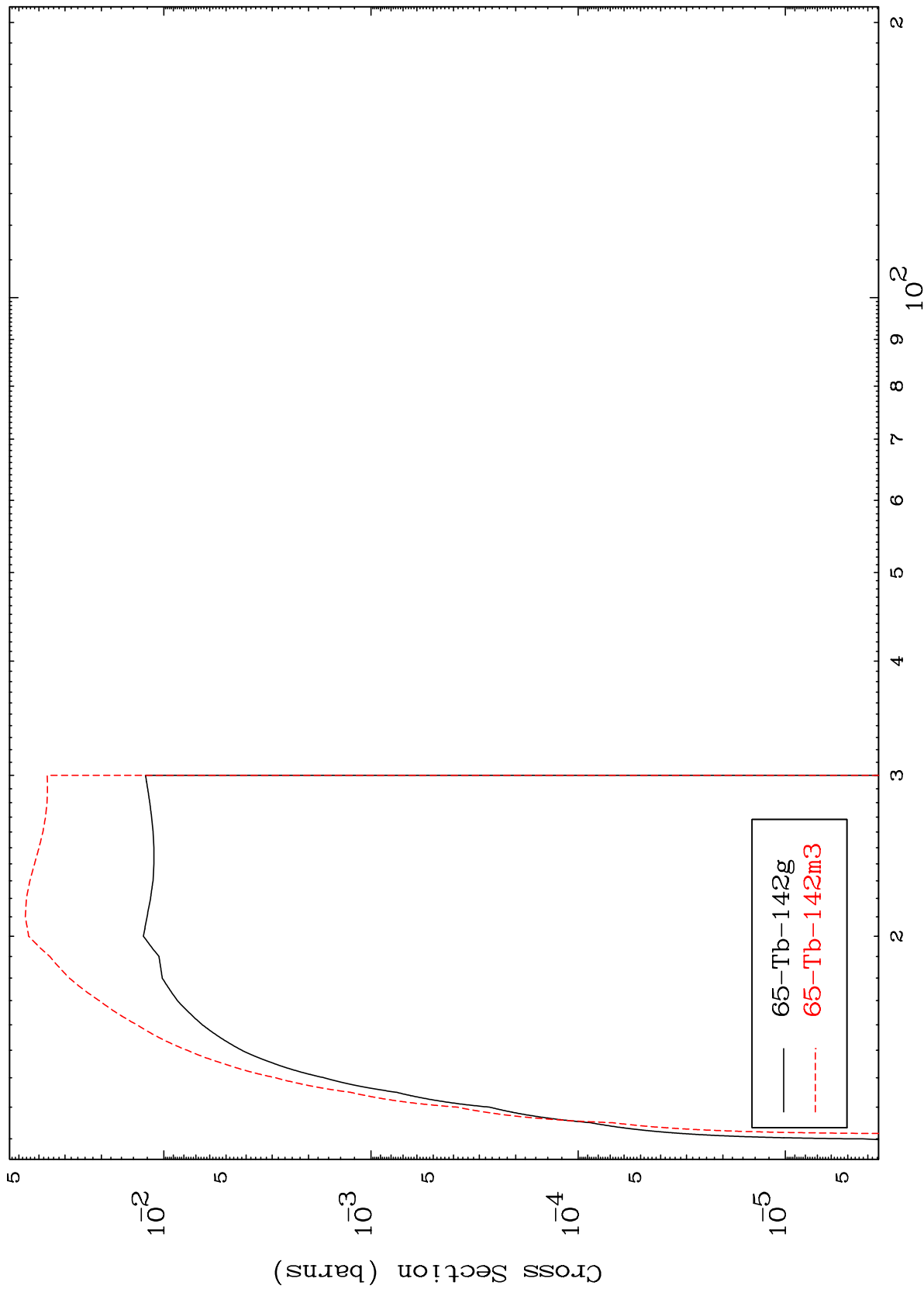
65-Tb-143m



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65-Tb-143m

Radionuclide Production Cross Section
(n,2n)



65-Tb-143m

Incident Energy (MeV)

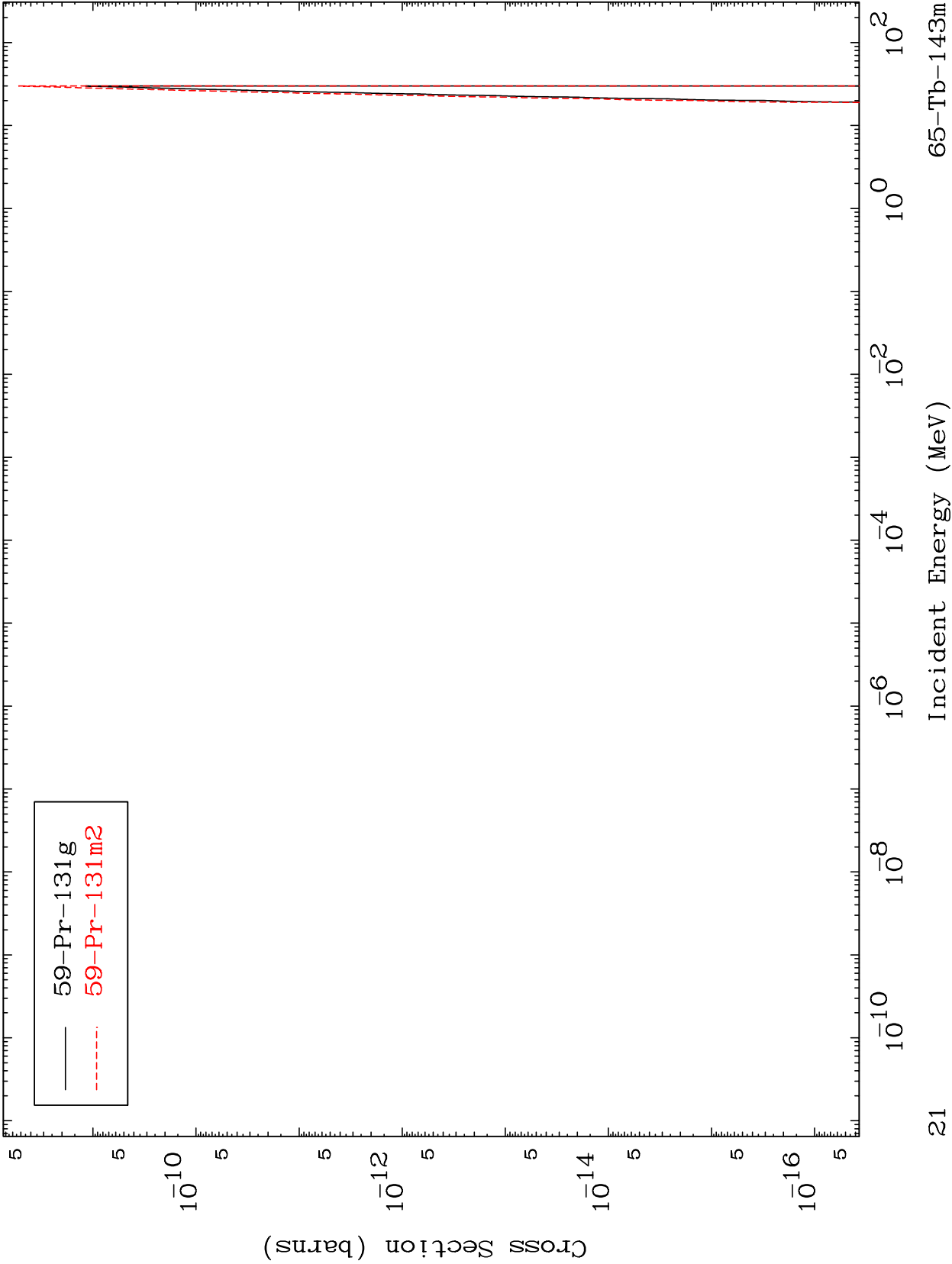
20

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(n,n') 3 α

65-Tb-143m

Radionuclide Production Cross Section

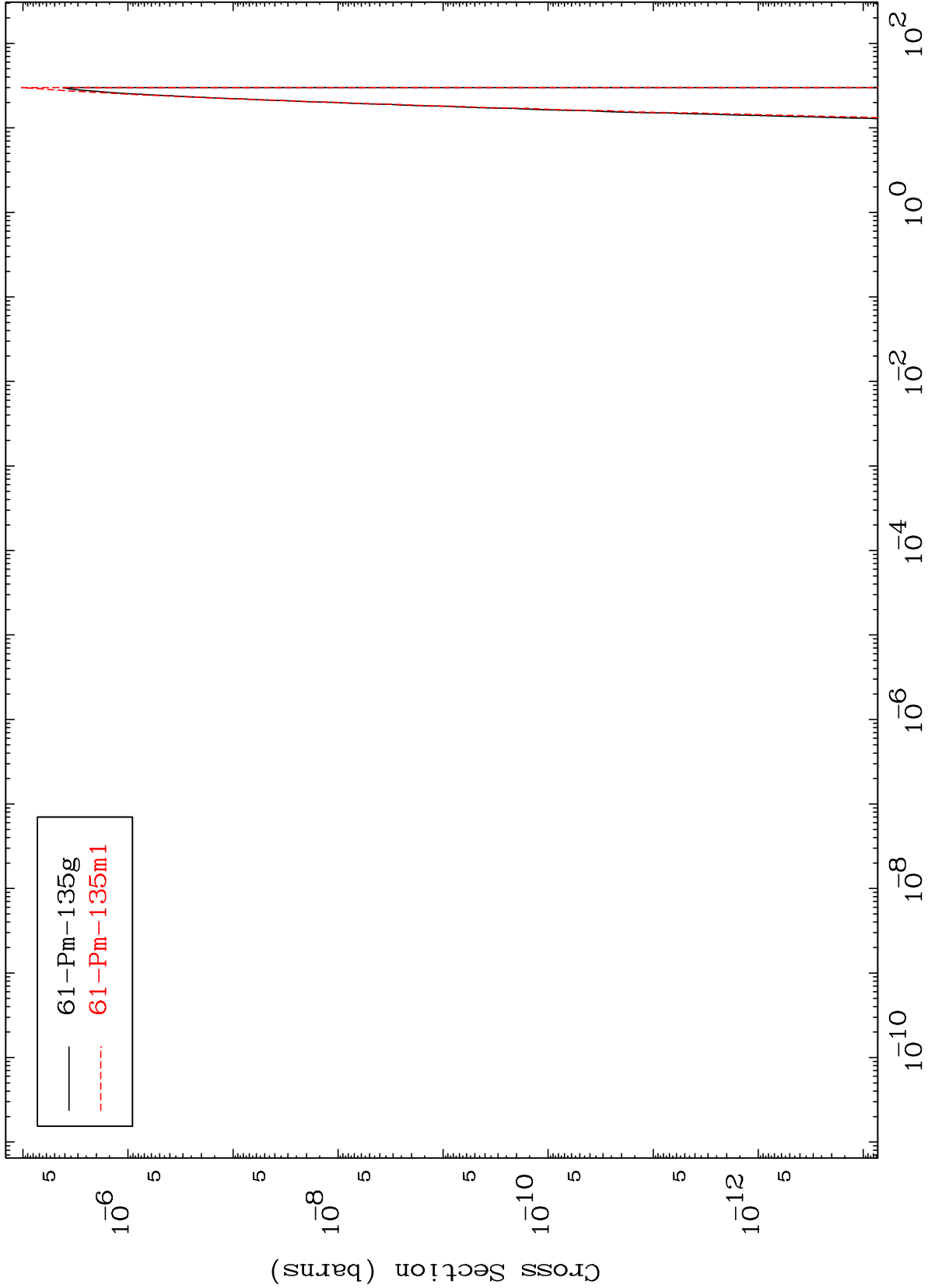


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(n,n') 2α

65-Tb-143m

Radionuclide Production Cross Section

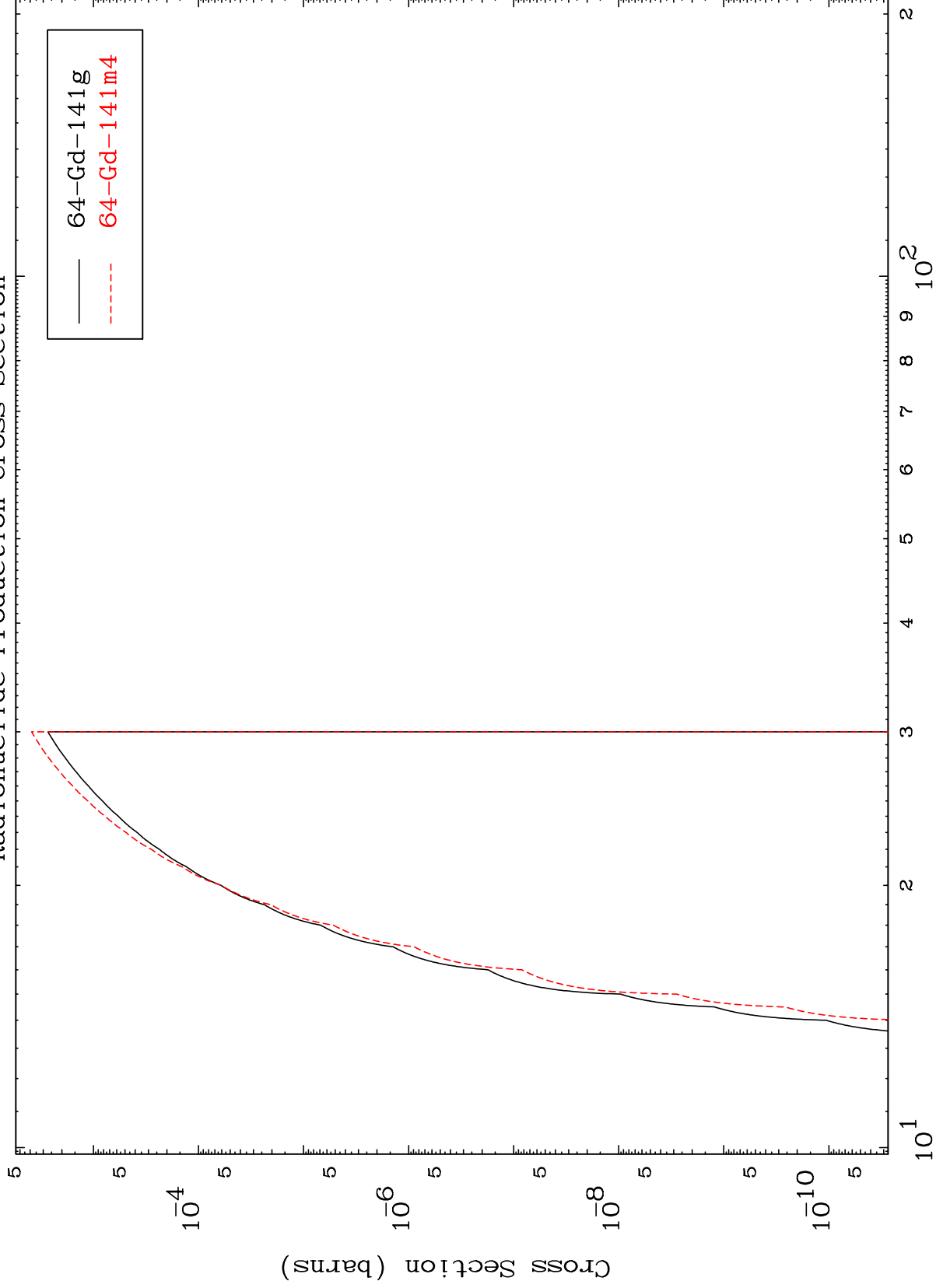


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(n,n') d

65-Tb-143m

Radionuclide Production Cross Section



Incident Energy (MeV)

65-Tb-143m

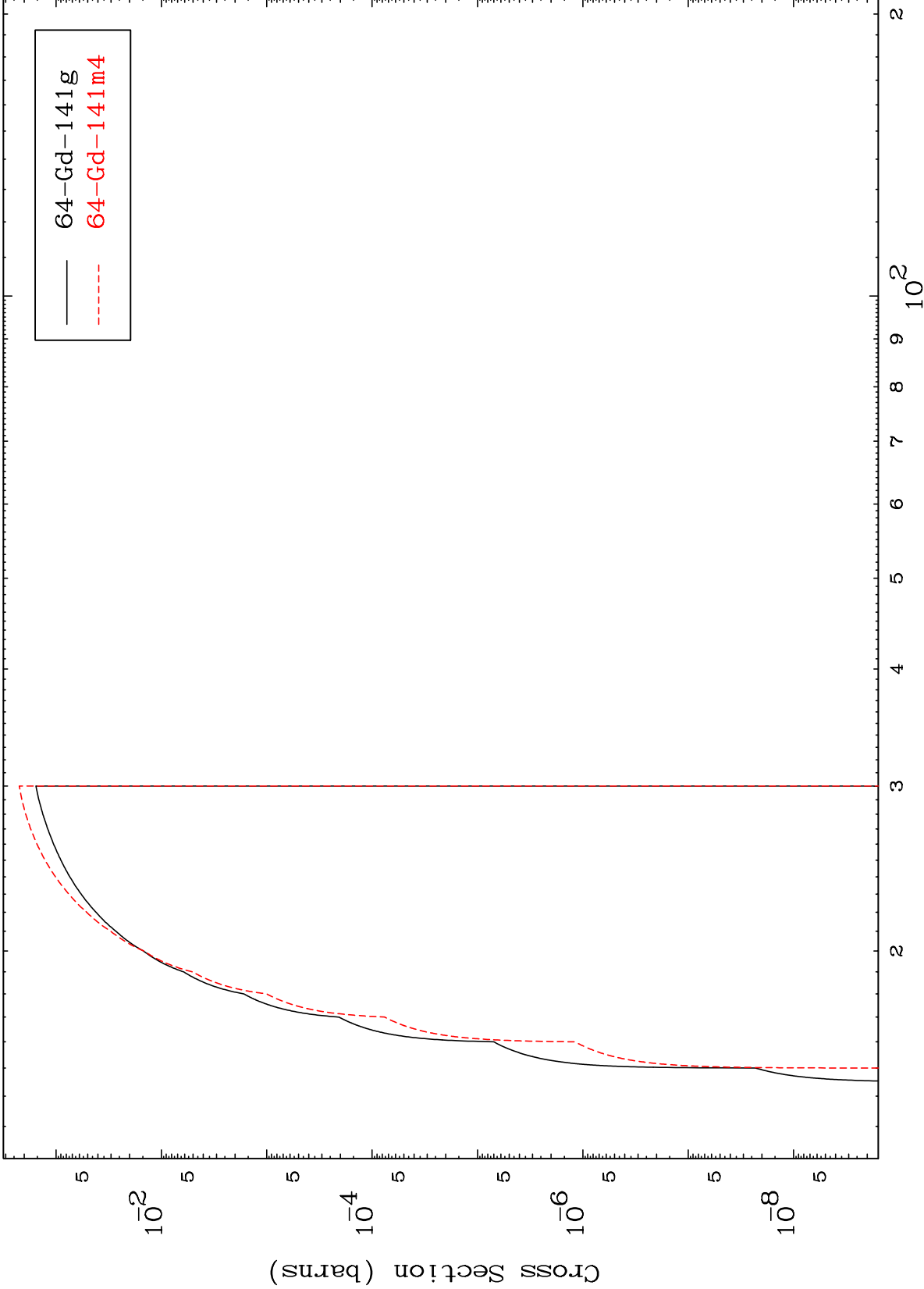
23

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(n,2n) p

65-Tb-143m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

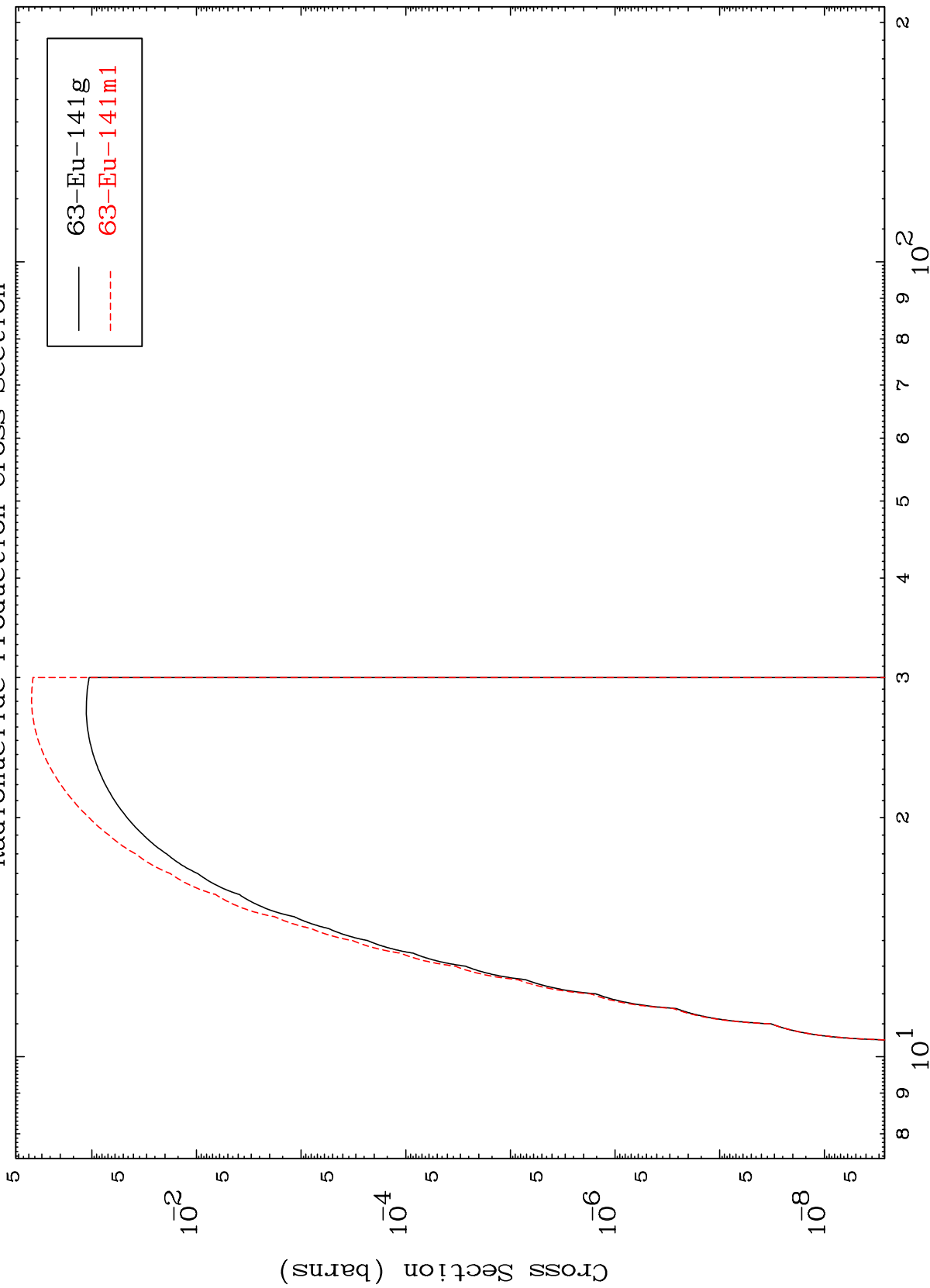
65-Tb-143m

MAT 6478

(n,2n) p

65-Tb-143m

Radionuclide Production Cross Section



25

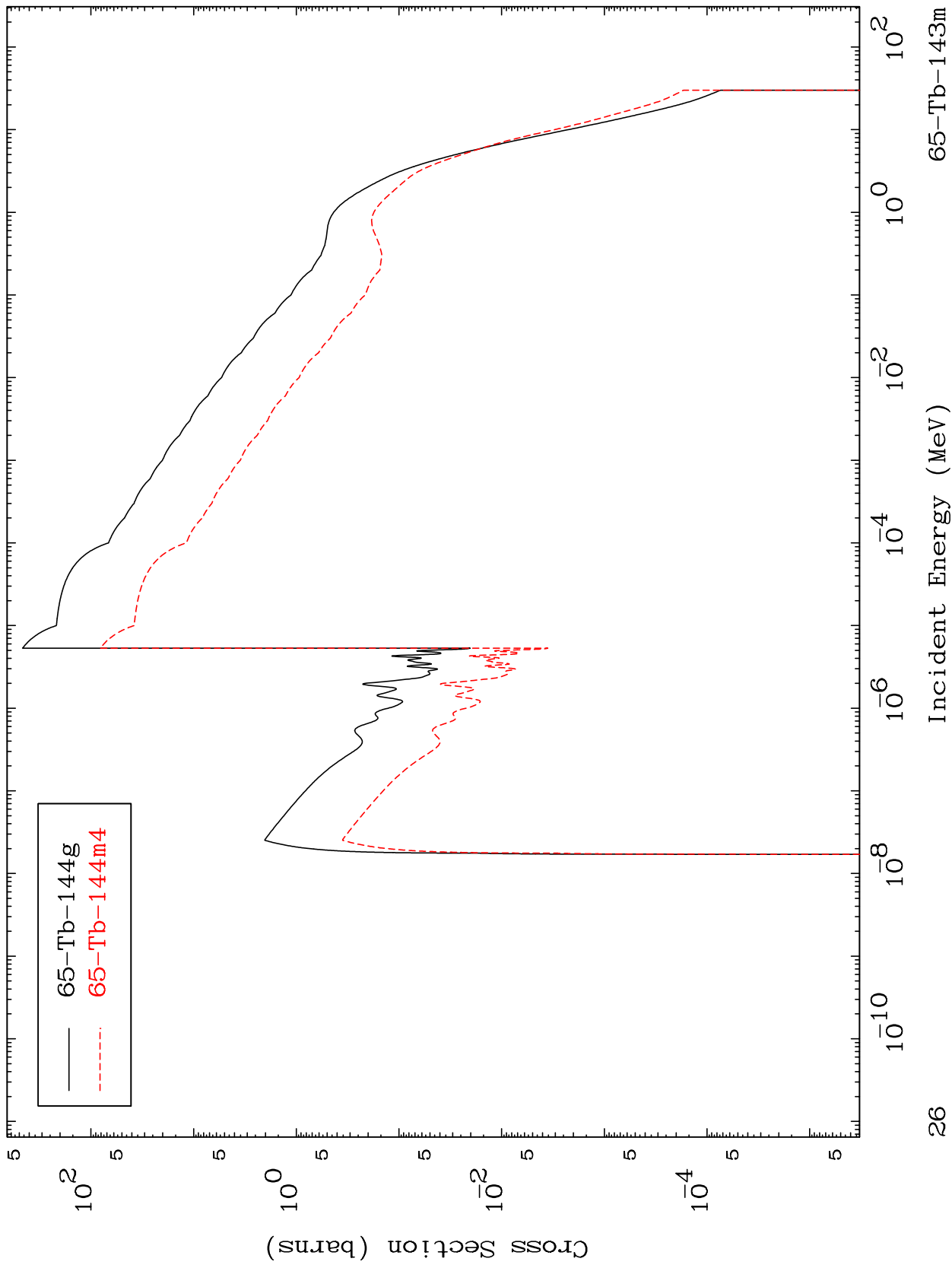
Incident Energy (MeV)

65-Tb-143m

MAT 6478

65-Tb-143m

Radionuclide Production Cross Section

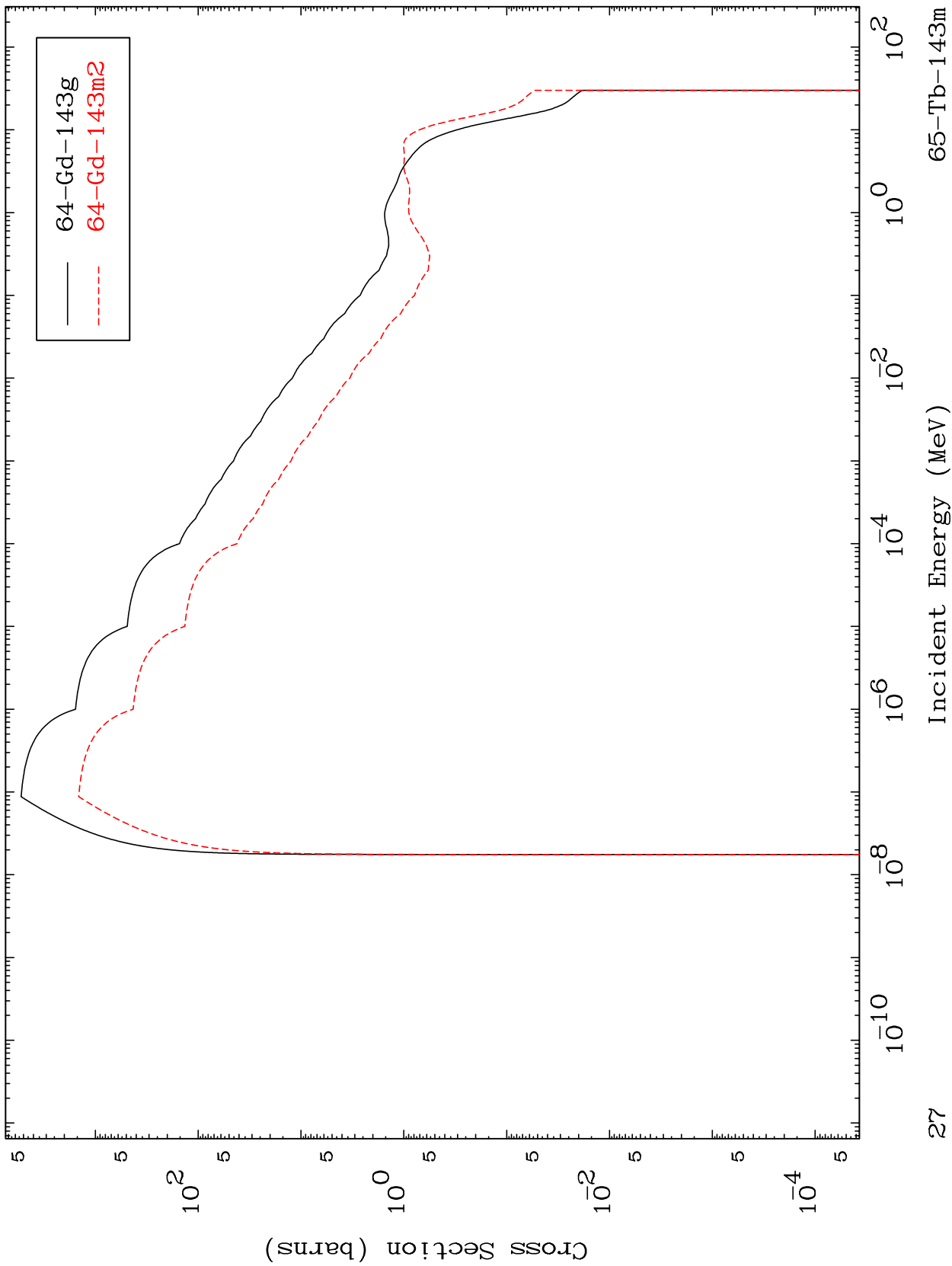


26

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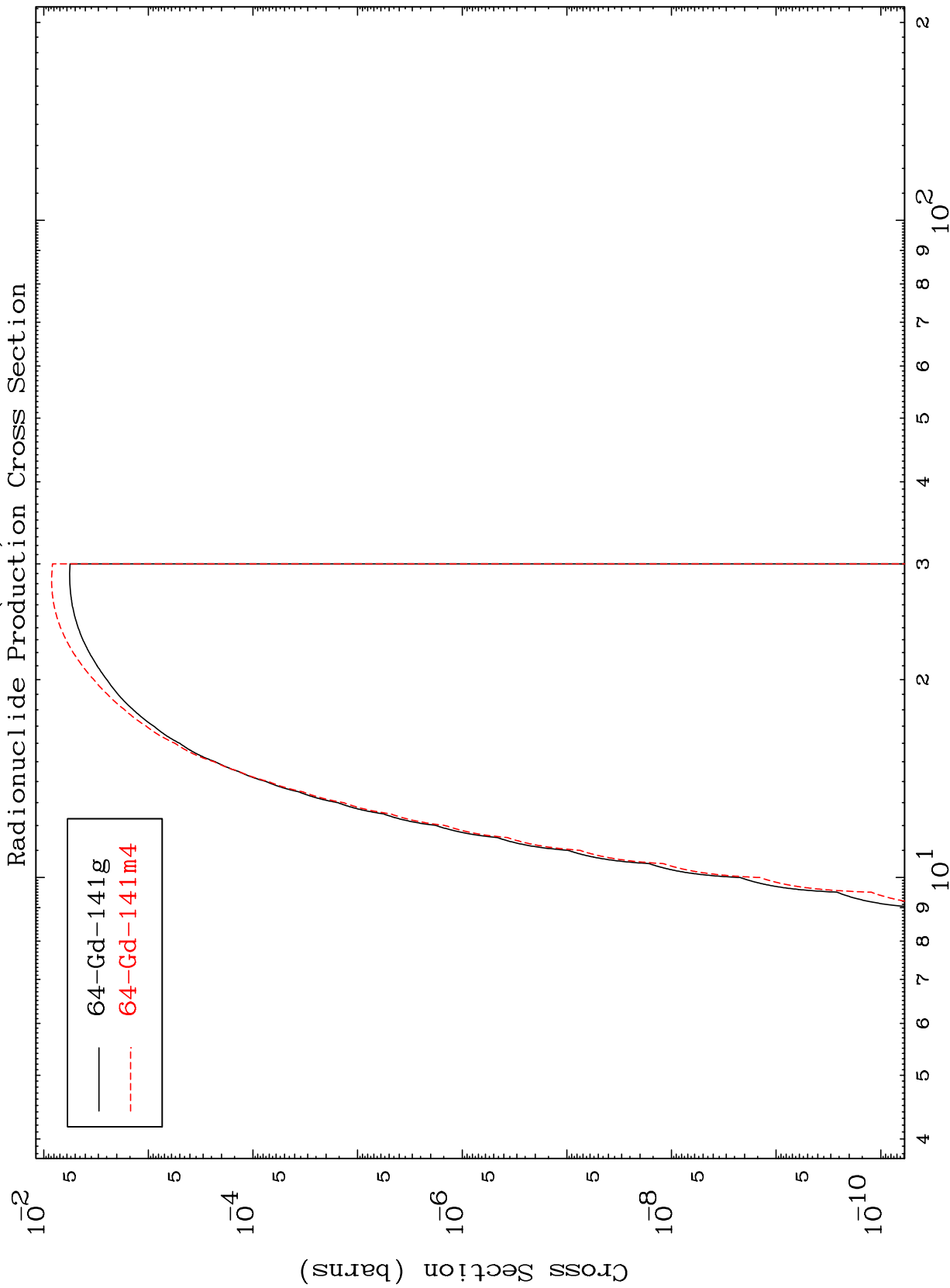
65-Tb-143m

(n,p)
Radionuclide Production Cross Section



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65-Tb-143m



28

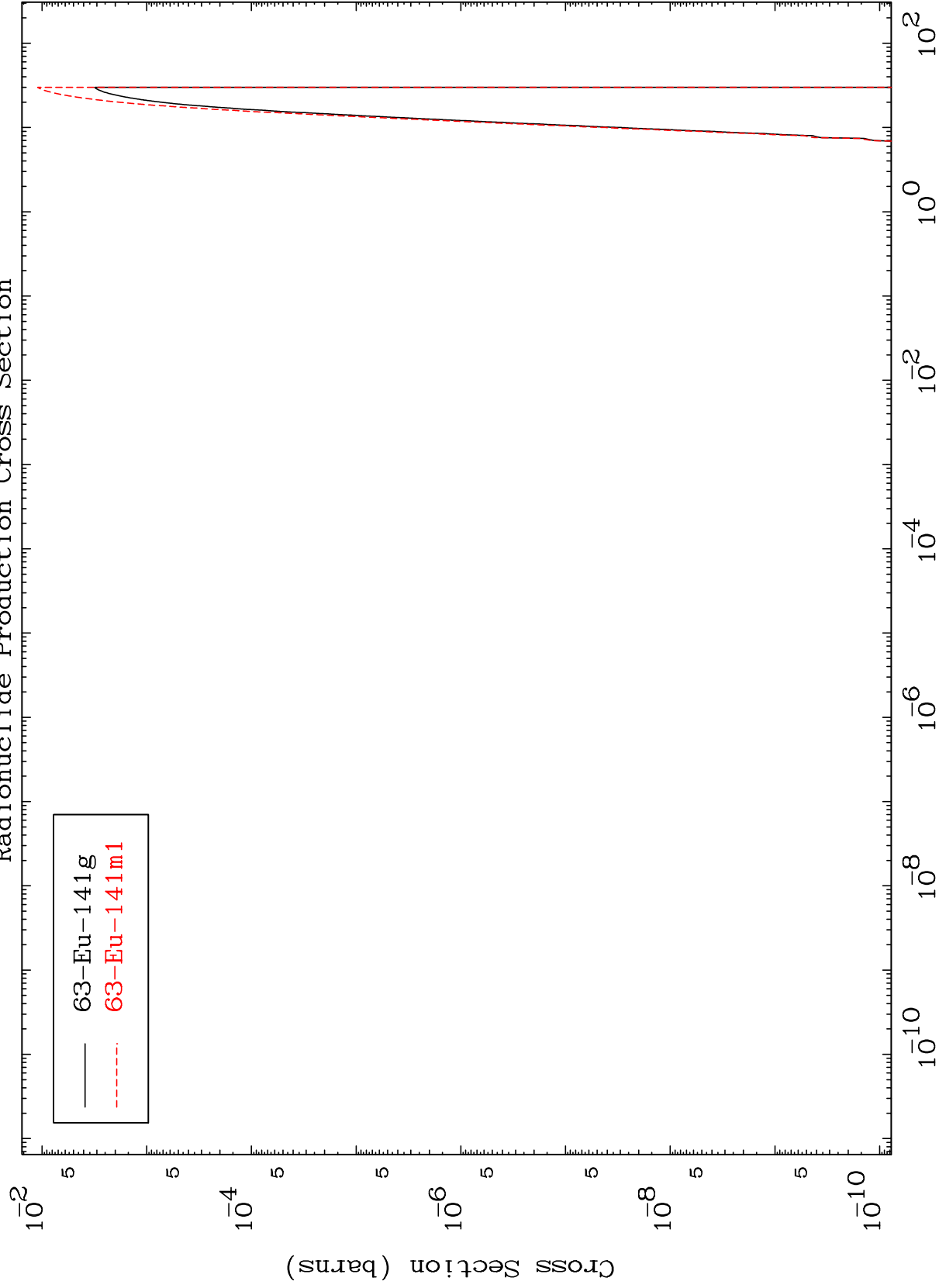
65-Tb-143m

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(n,He-3)

65-Tb-143m

Radionuclide Production Cross Section

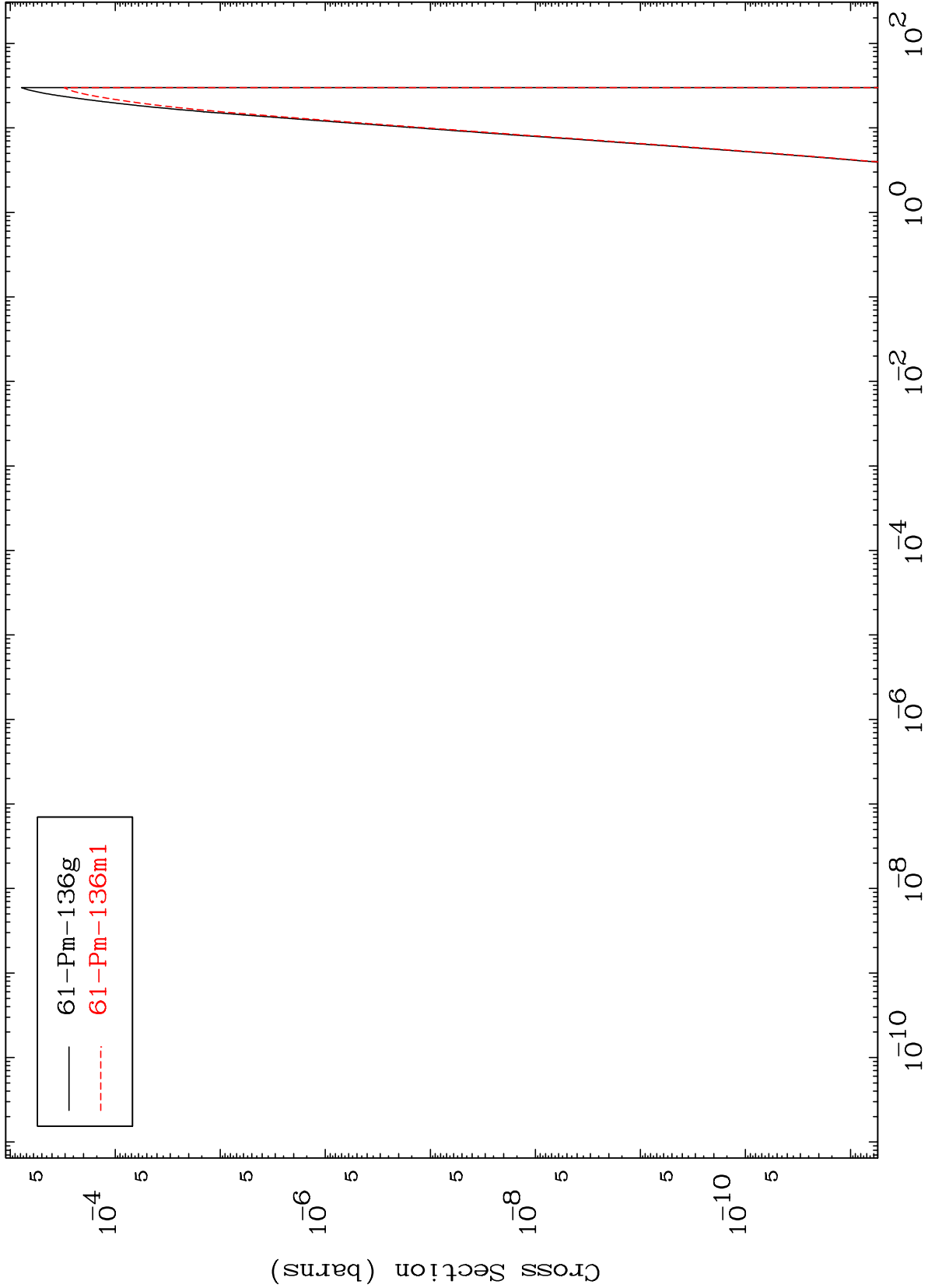


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(n,2α)

65-Tb-143m

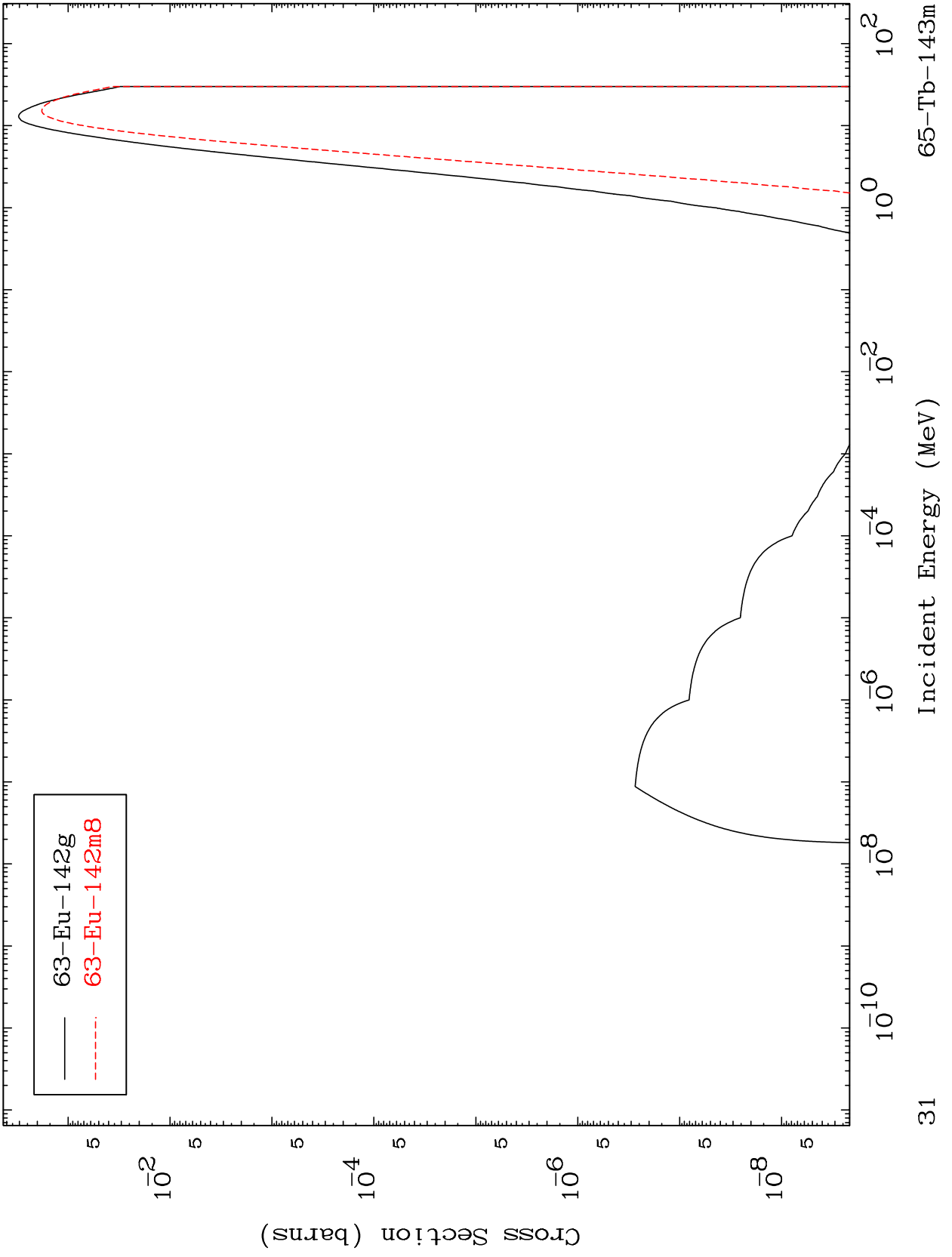
Radionuclide Production Cross Section



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Radionuclide Production Cross Section
(n,2p)

65-Tb-143m

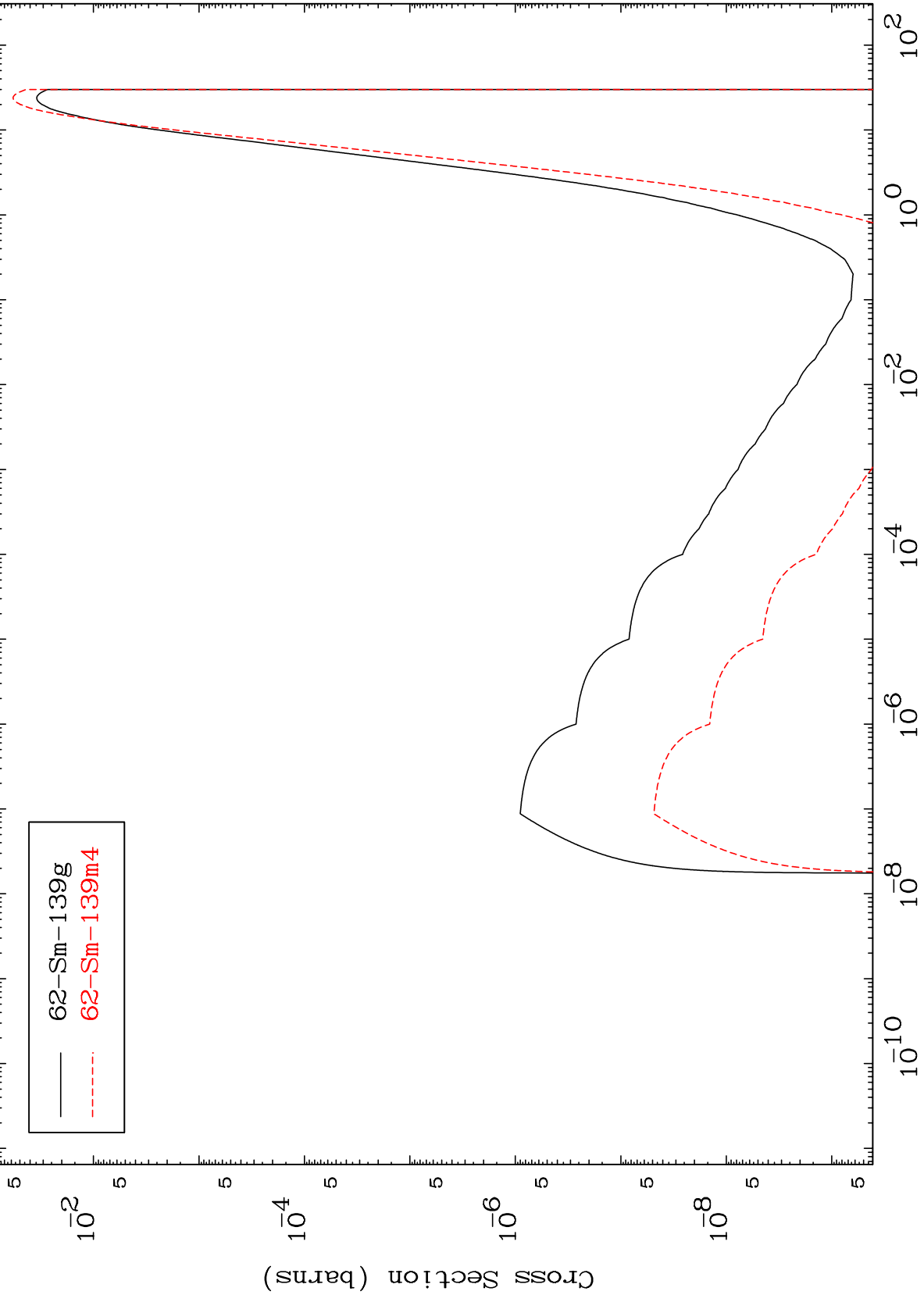


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(n,p) α

65-Tb-143m

Radionuclide Production Cross Section

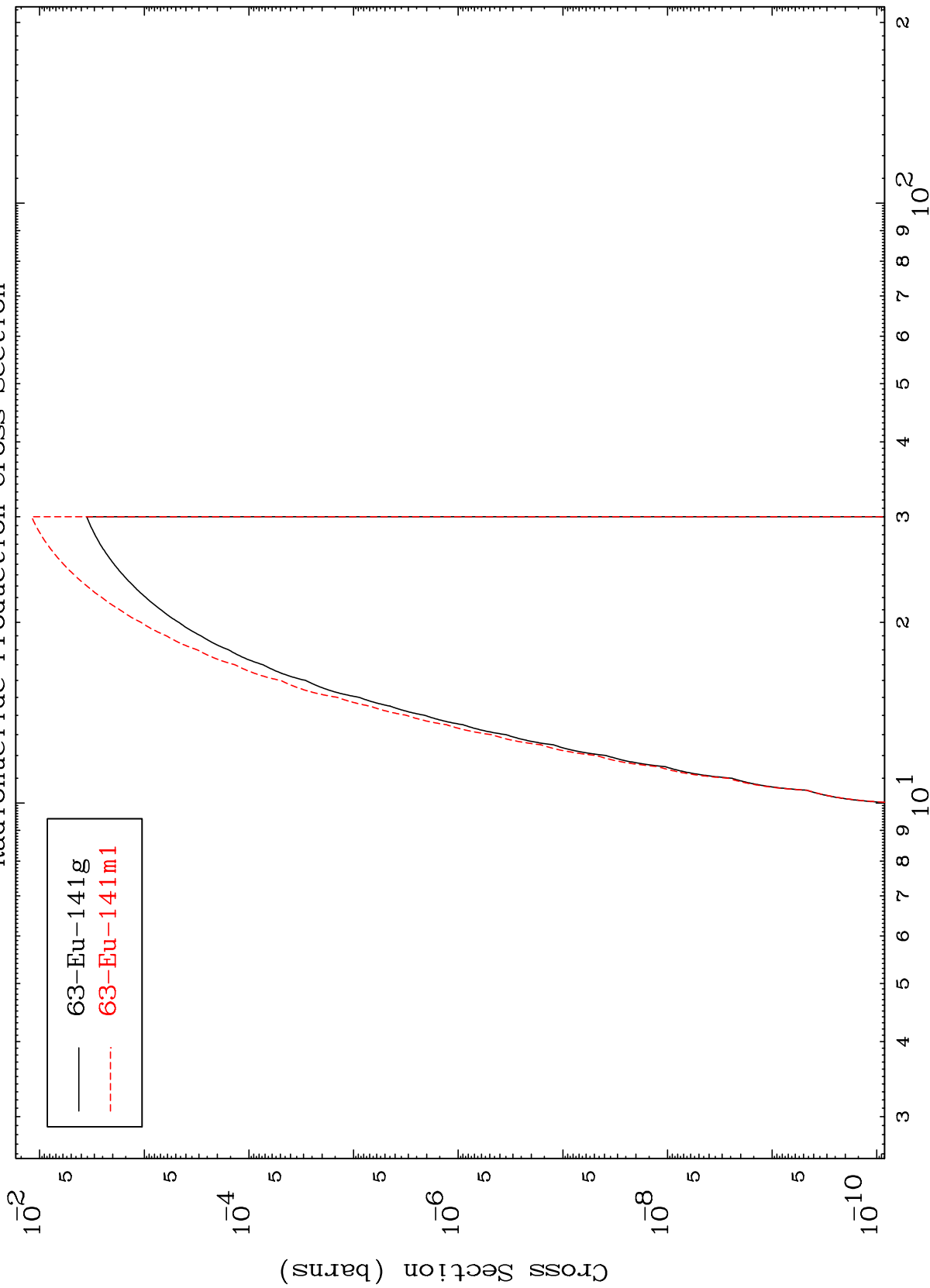


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(n,p) d

65-Tb-143m

Radionuclide Production Cross Section



Incident Energy (MeV)

65-Tb-143m

33