

Program EVALPLOT  
(Version 2021-1)

by

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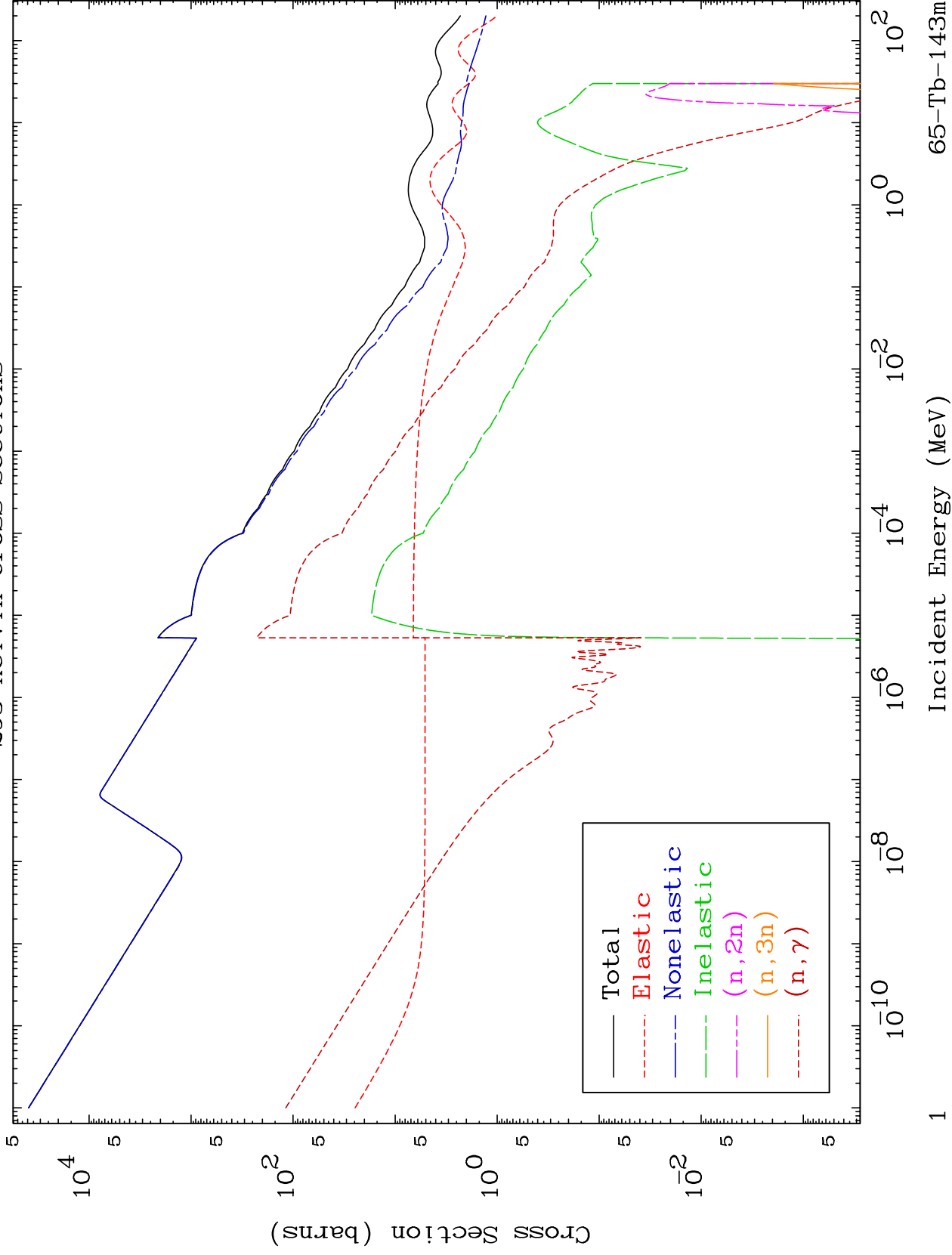
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6478

Neutron Major  
293 Kelvin Cross Sections

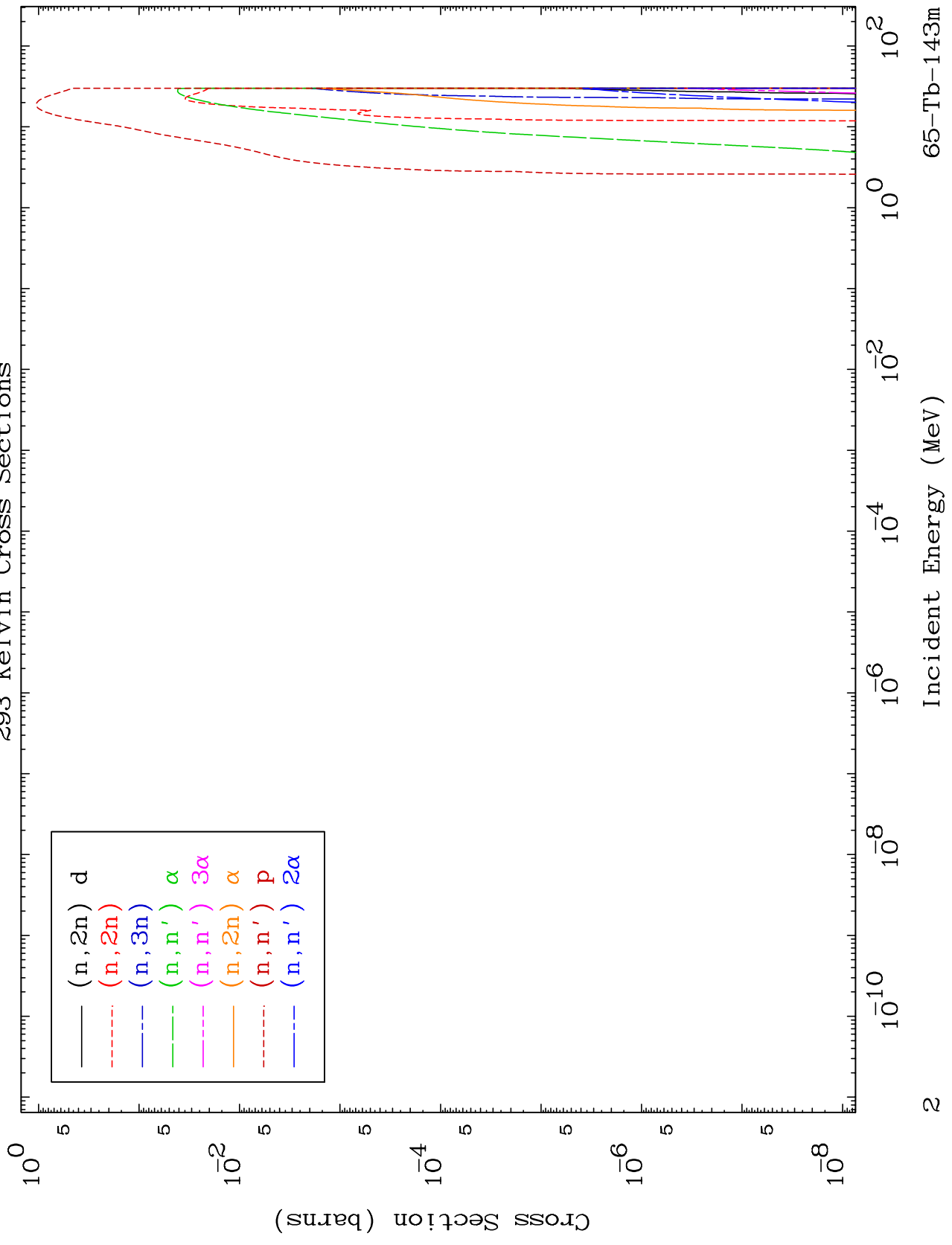
65-Tb-143m



MAT 6478

Neutron Absorption  
293 Kelvin Cross Sections

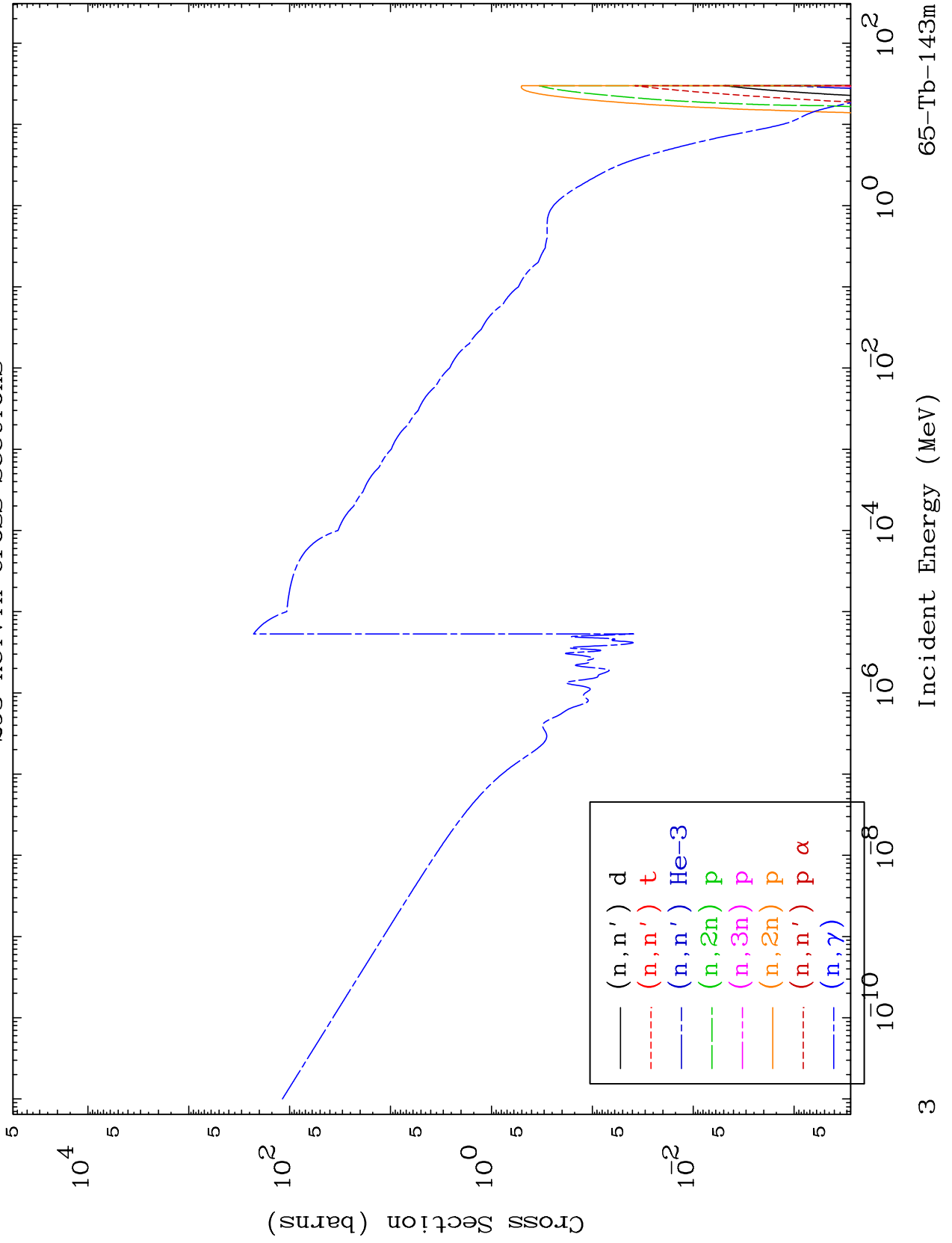
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MAT 6478

Neutron Absorption  
293 Kelvin Cross Sections

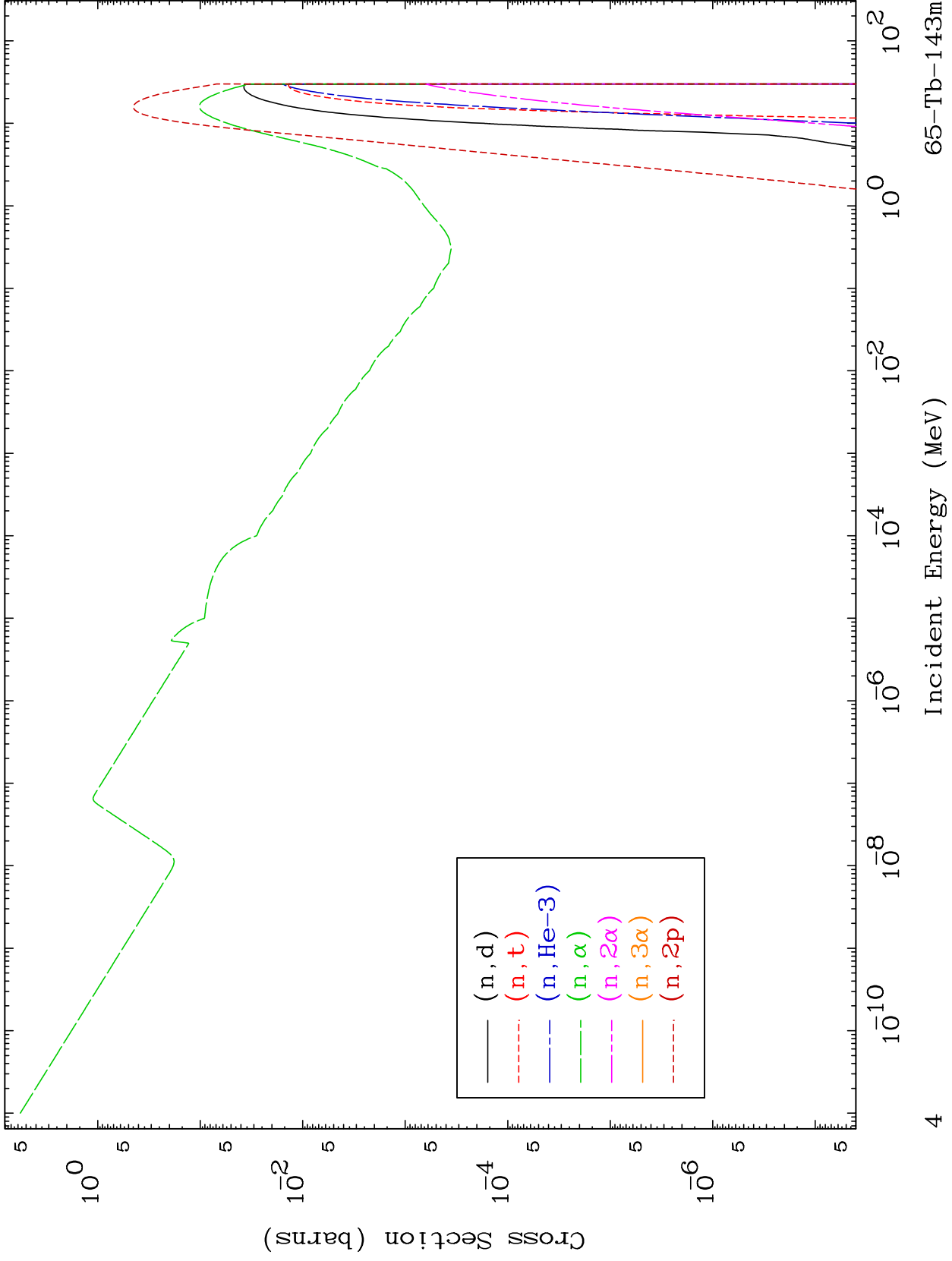
65-Tb-143m



MAT 6478

Neutron Absorption  
293 Kelvin Cross Sections

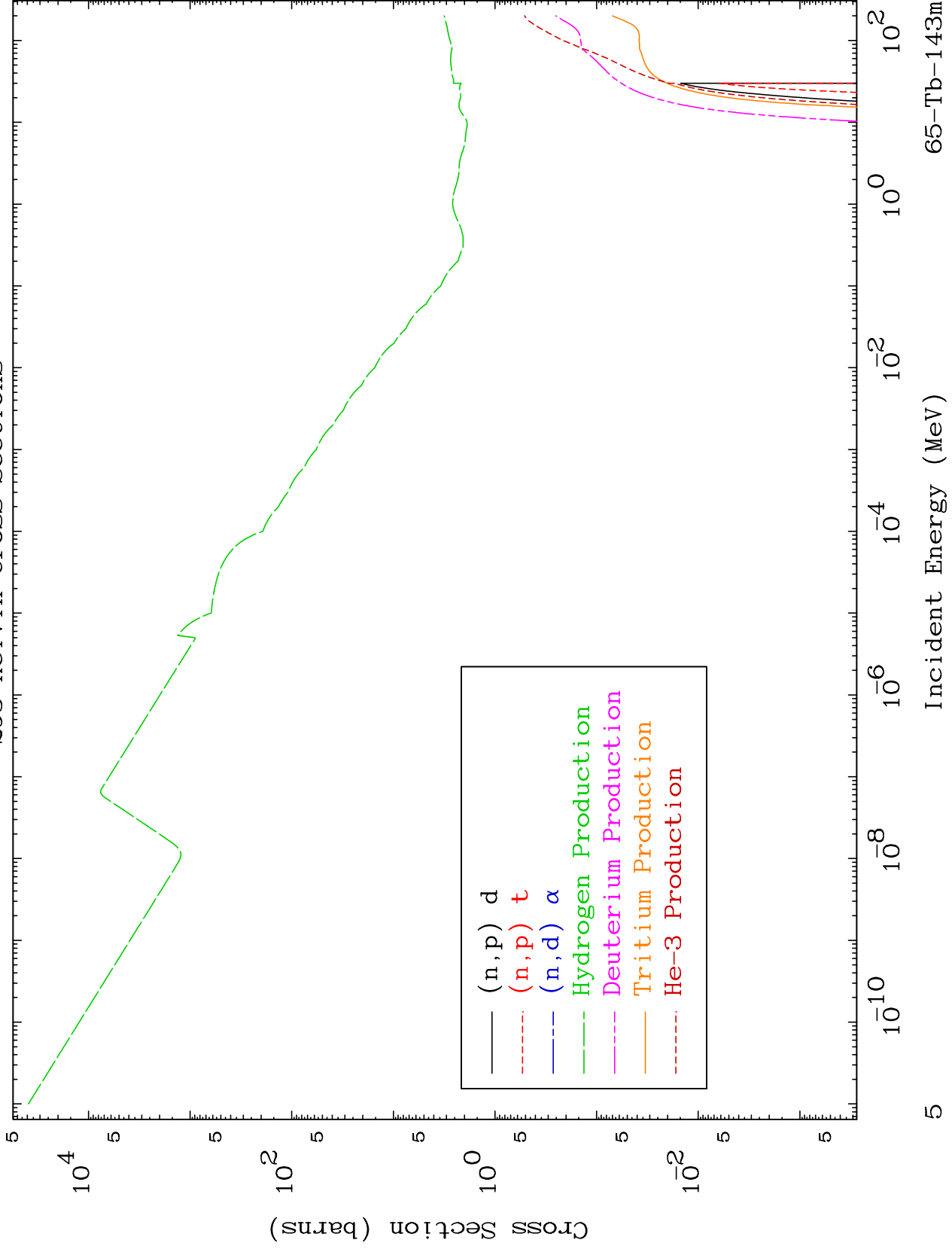
65-Tb-143m



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Neutron Absorption  
293 Kelvin Cross Sections

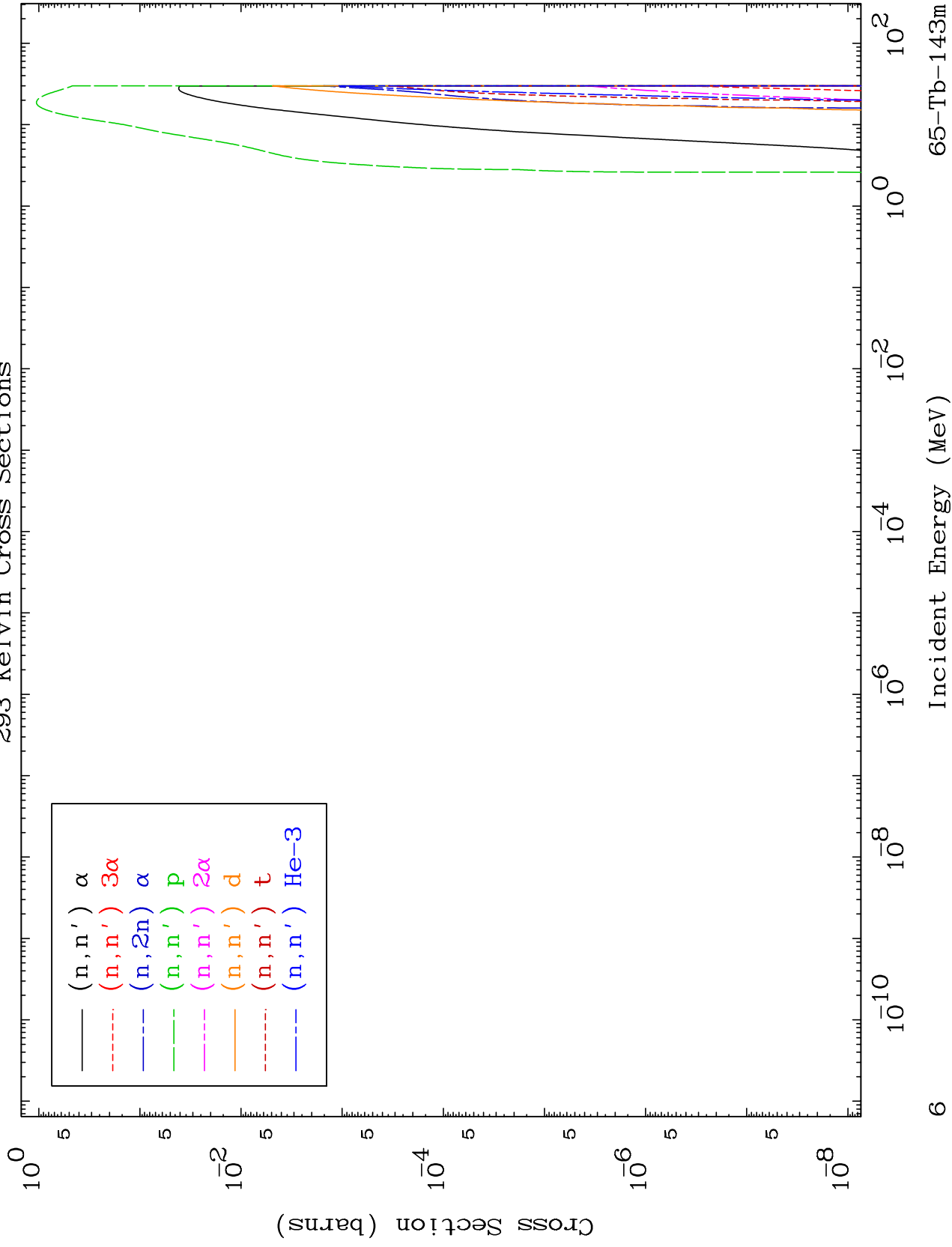
65-Tb-143m



MAT 6478

Charged Particle  
293 Kelvin Cross Sections

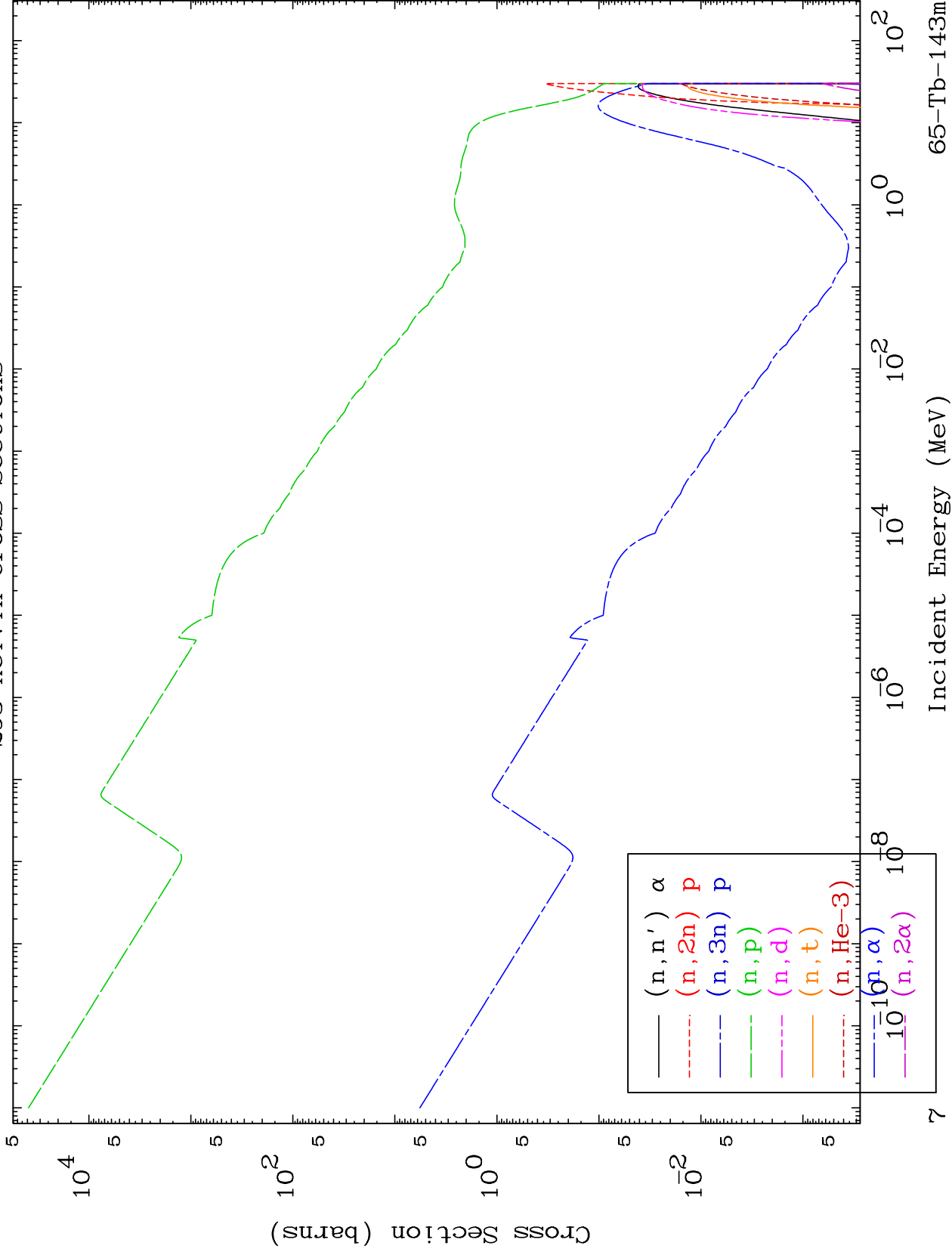
65-Tb-143m



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Charged Particle  
293 Kelvin Cross Sections

65-Tb-143m



65-Tb-143m

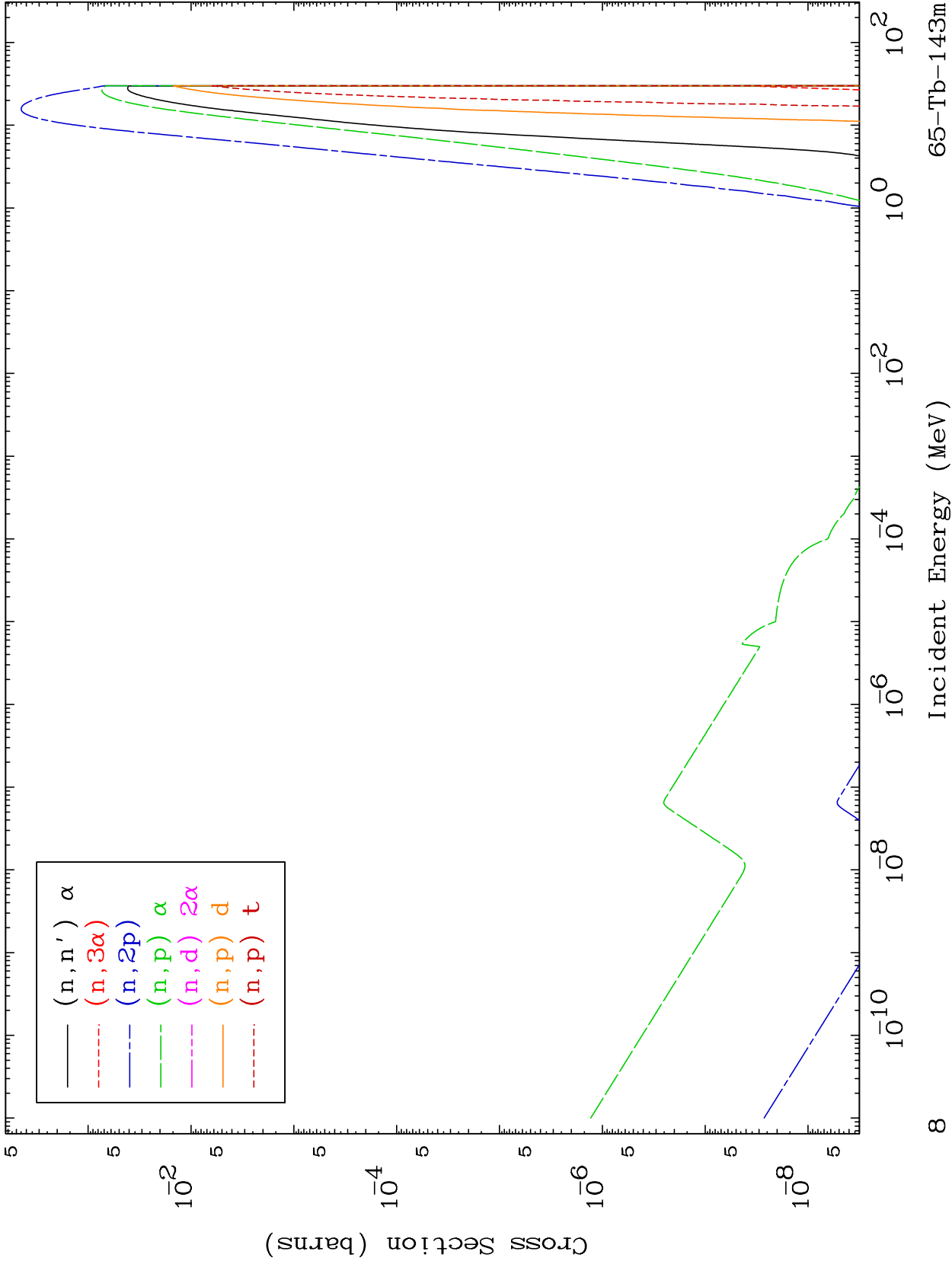
Incident Energy (MeV)

7

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Charged Particle  
293 Kelvin Cross Sections

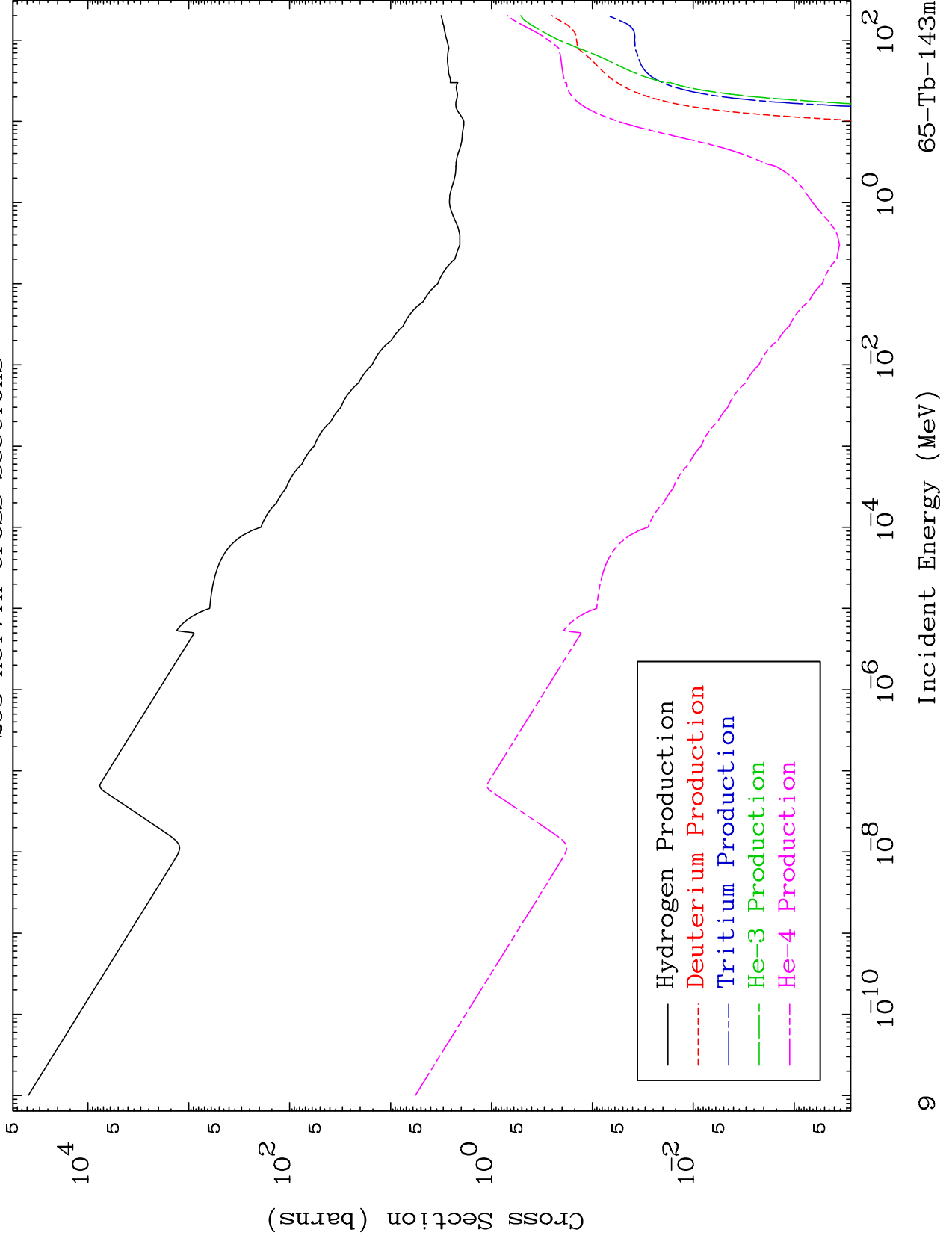
65-Tb-143m



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Particle Production  
293 Kelvin Cross Sections

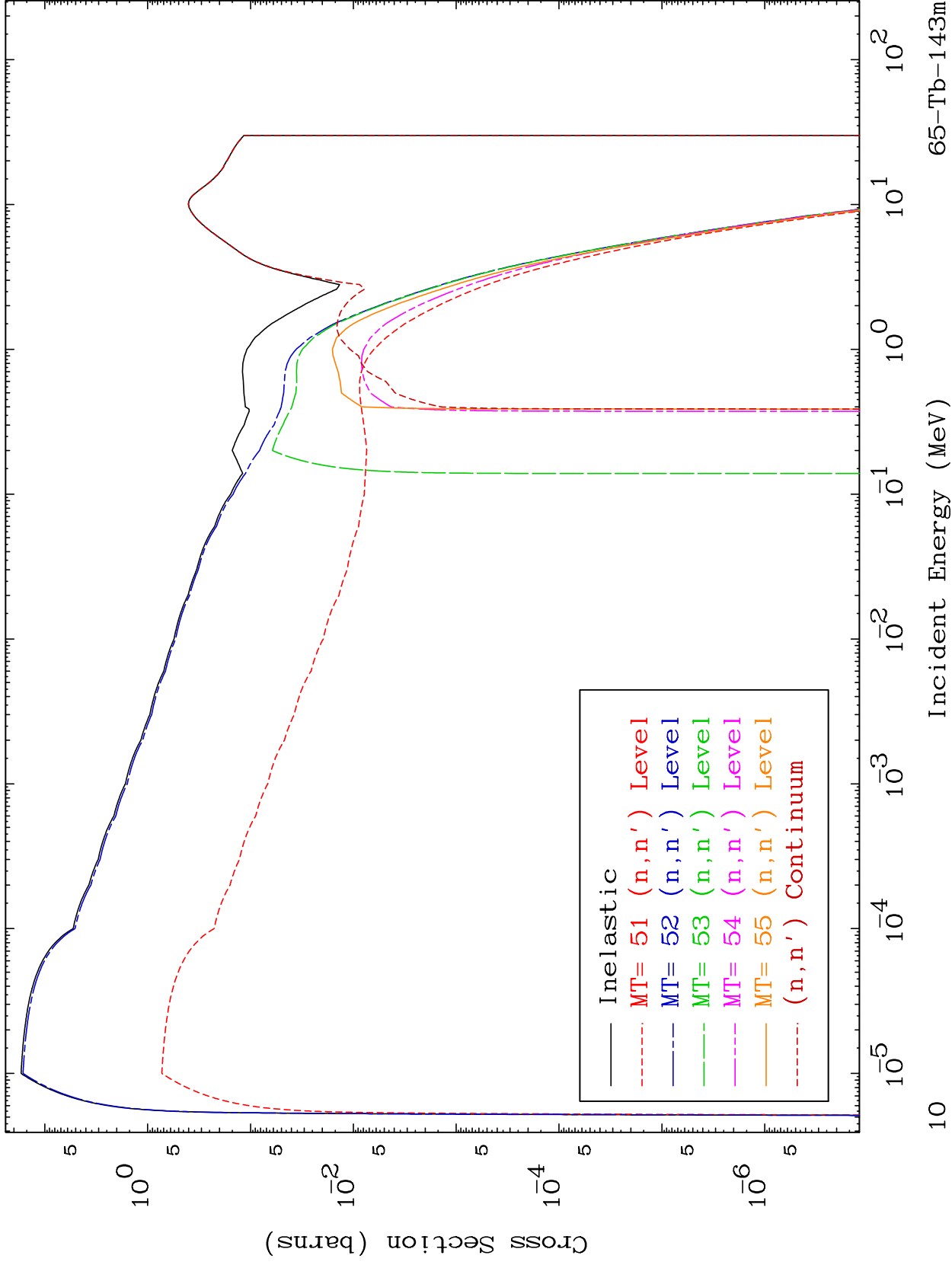
65-Tb-143m



MAT 6478

(n,n') Levels  
293 Kelvin Cross Sections

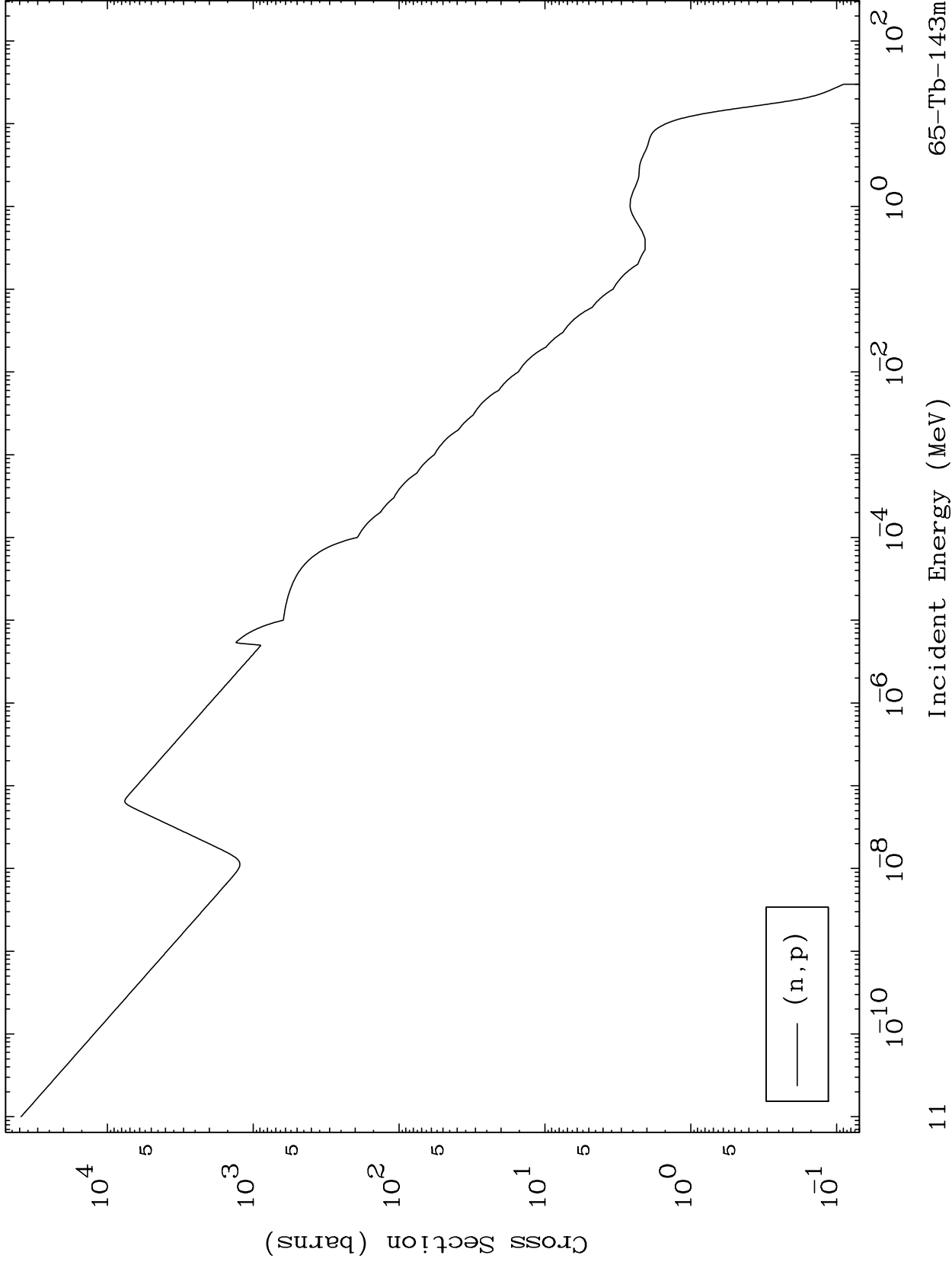
65-Tb-143m



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(n,p) Levels  
293 Kelvin Cross Sections

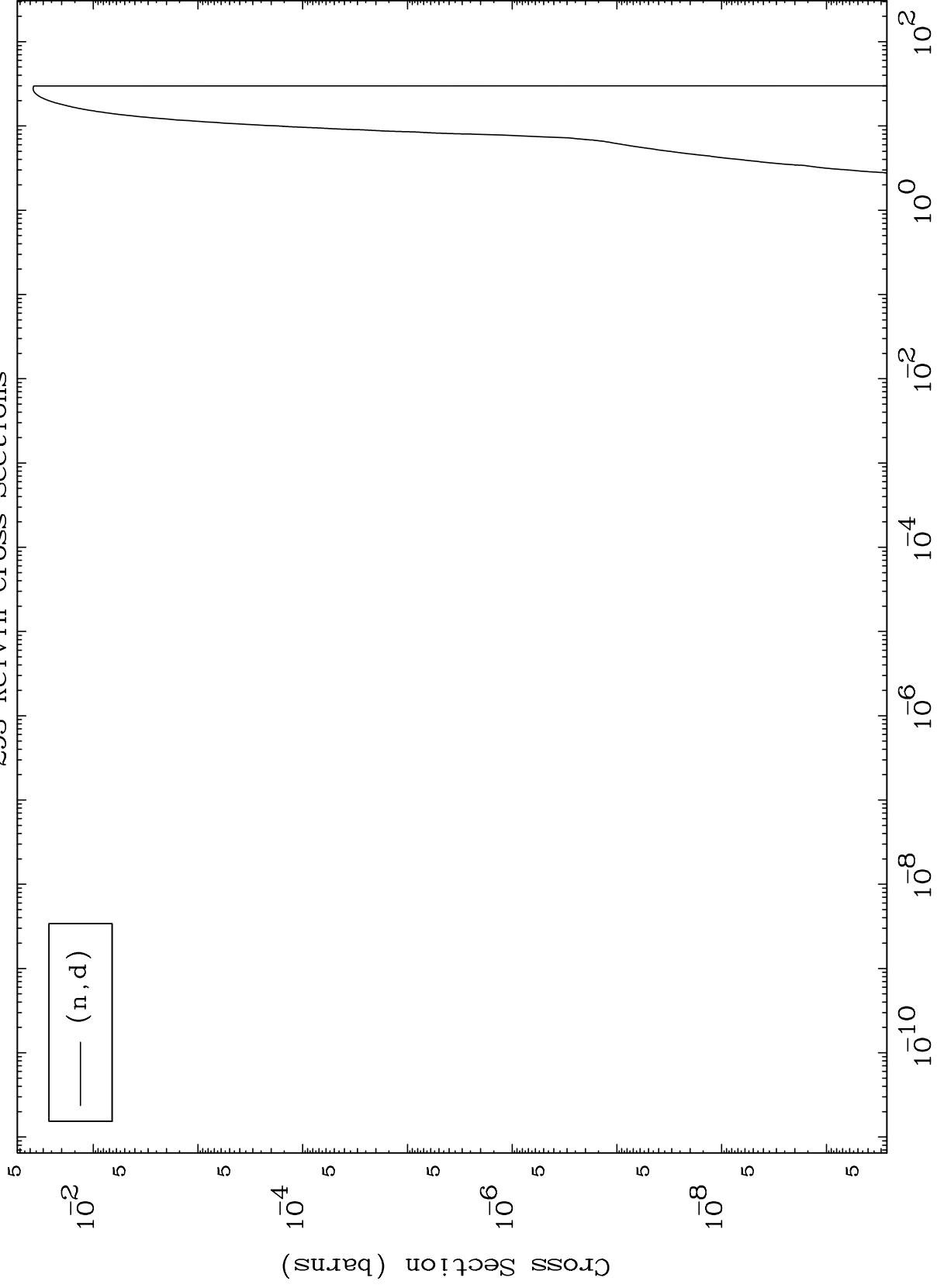
65-Tb-143m



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(n,d) Levels  
293 Kelvin Cross Sections

65-Tb-143m



12

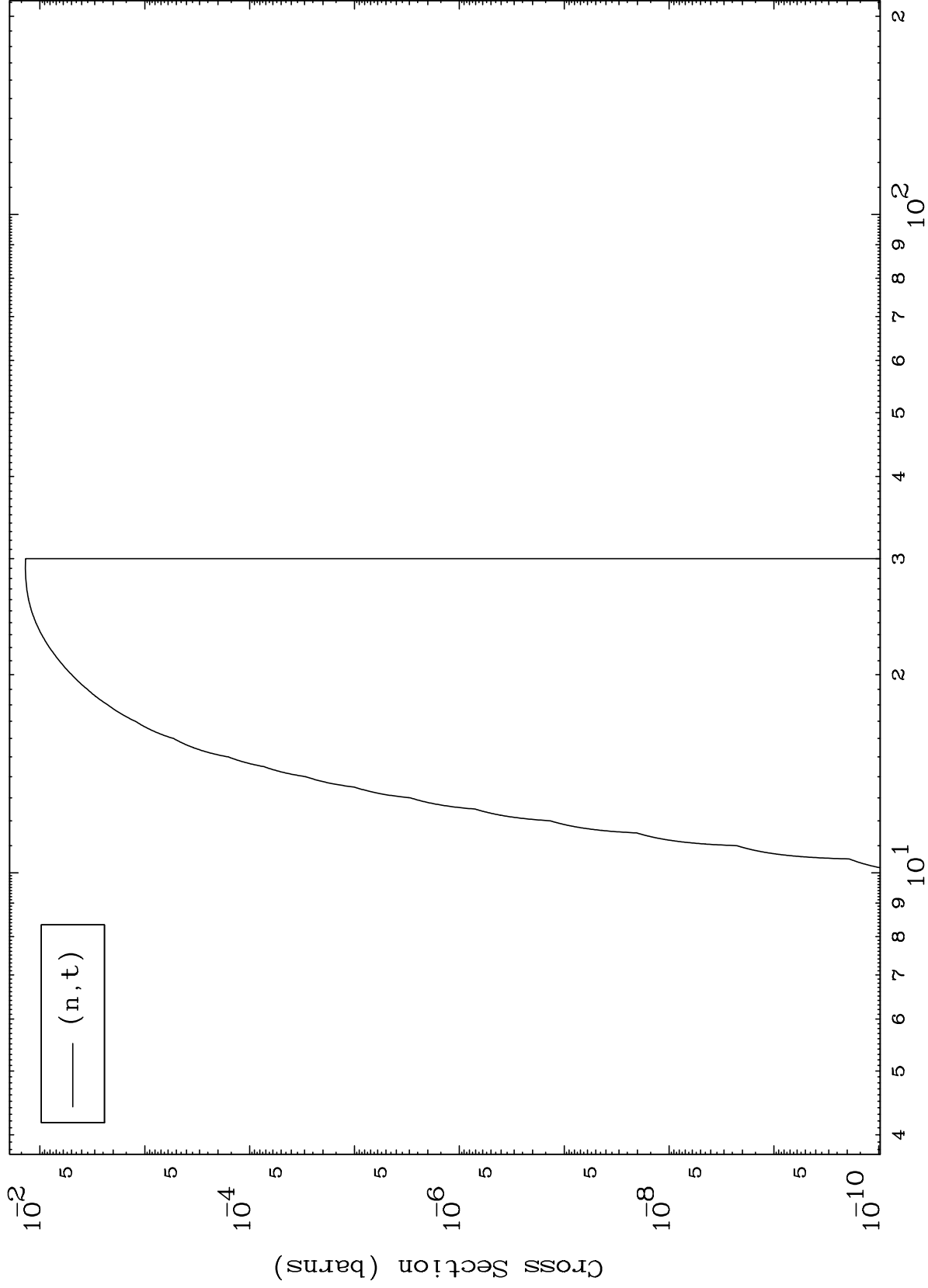
Incident Energy (MeV)

65-Tb-143m

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(n,t) Levels  
293 Kelvin Cross Sections

65-Tb-143m



13

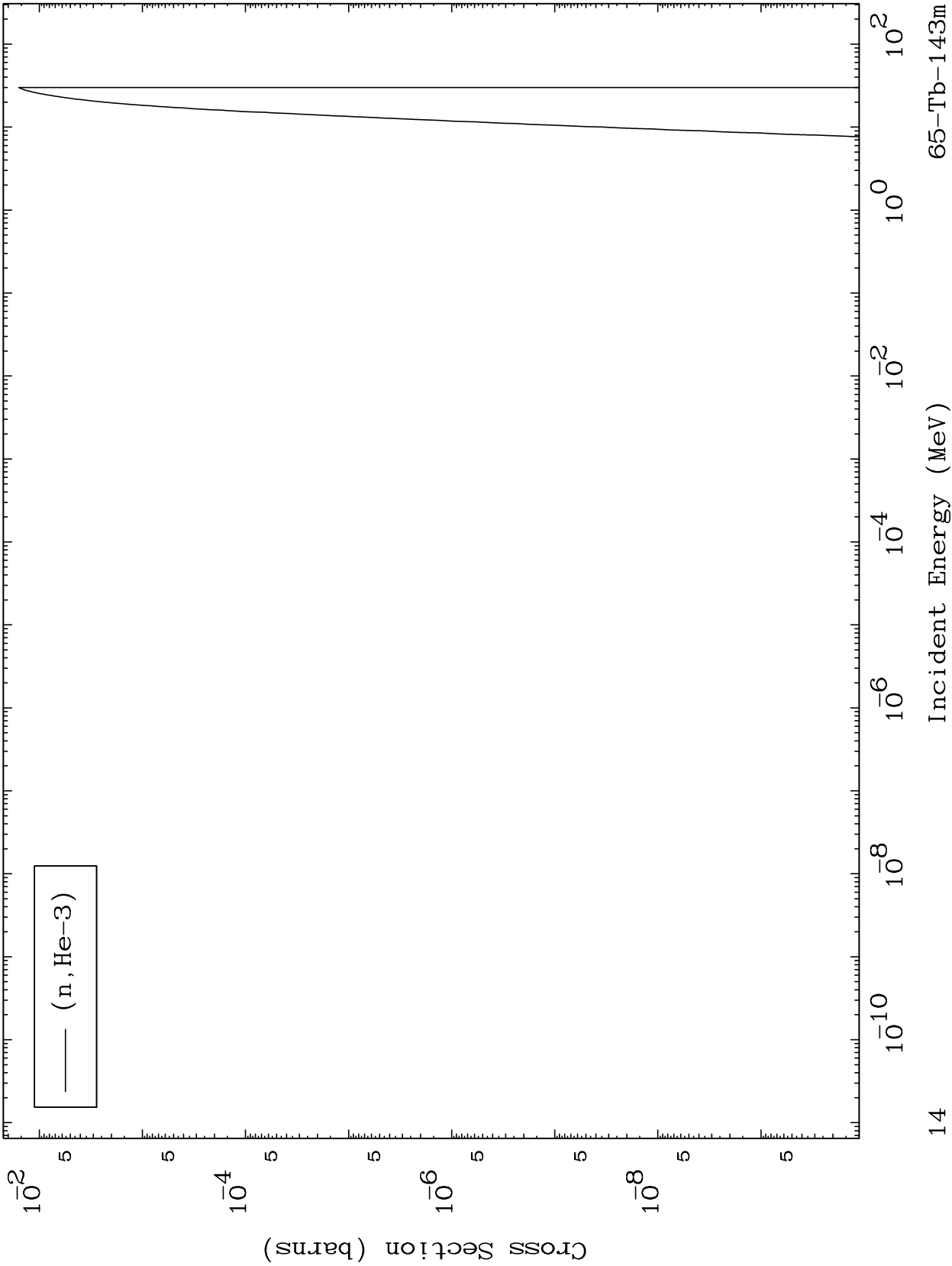
Incident Energy (MeV)

65-Tb-143m

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(n,He3) Levels  
293 Kelvin Cross Sections

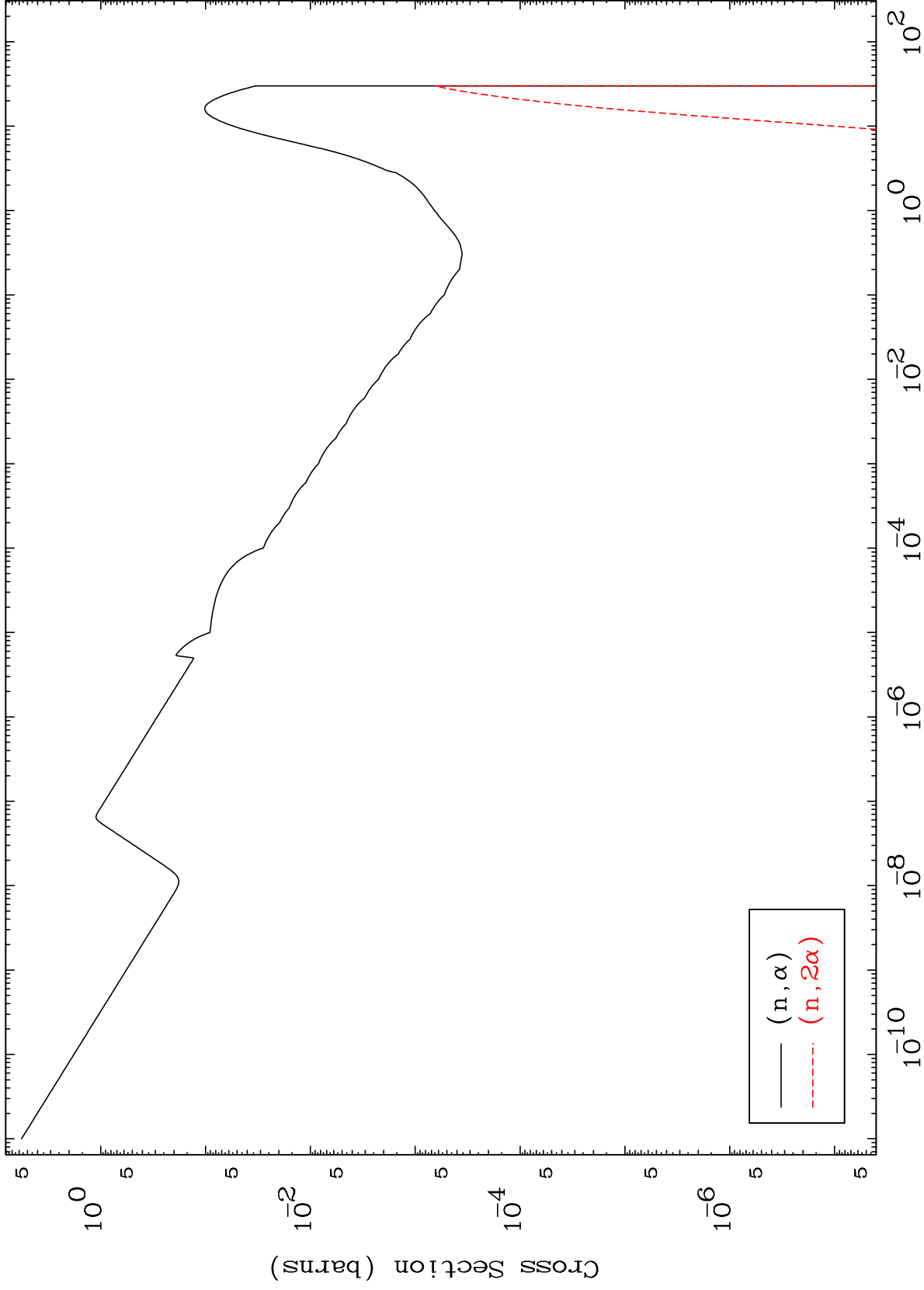
65-Tb-143m



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(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

65-Tb-143m



15

Incident Energy (MeV)

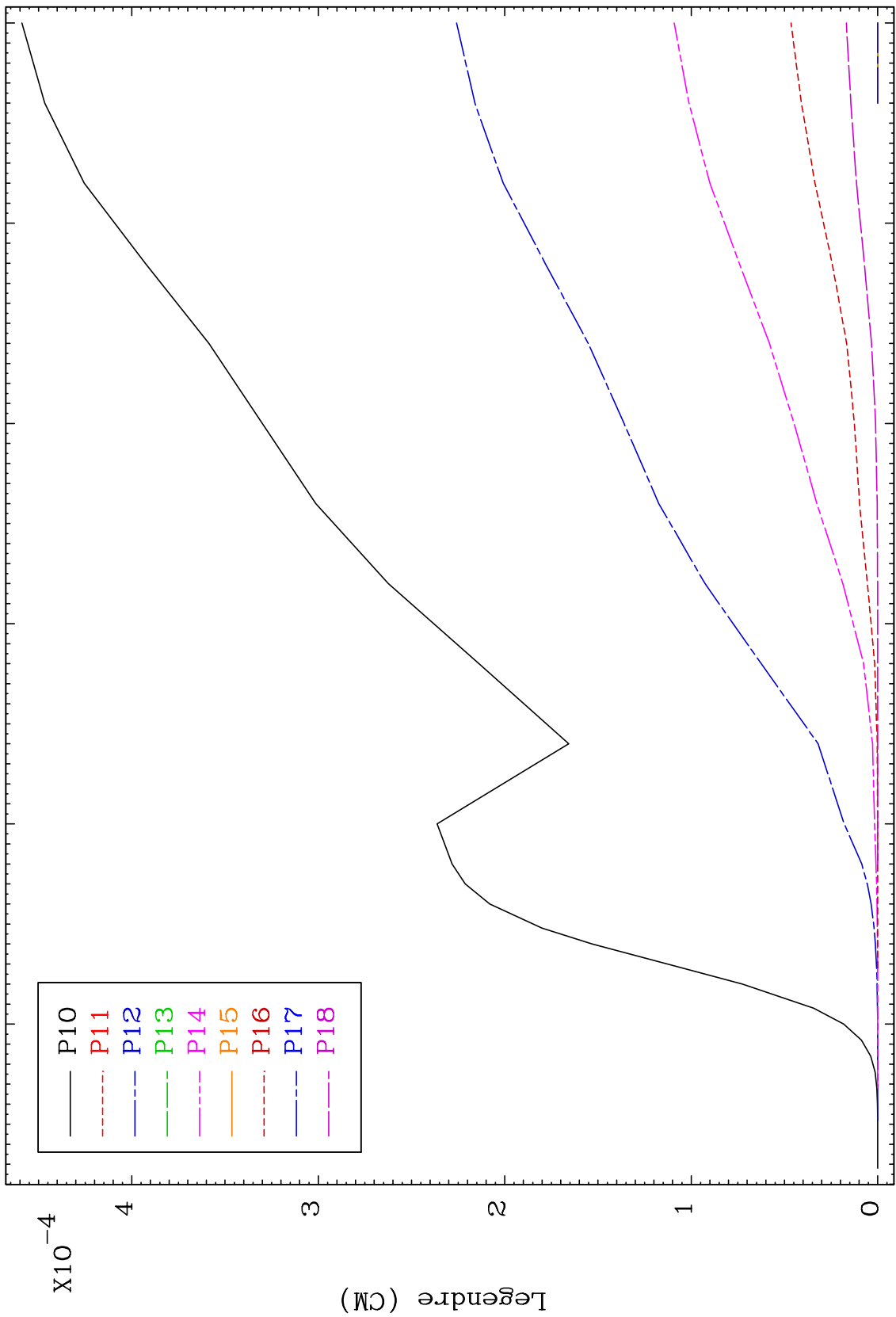
65-Tb-143m



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Elastic Legendre Coefficients

65-Tb-143m



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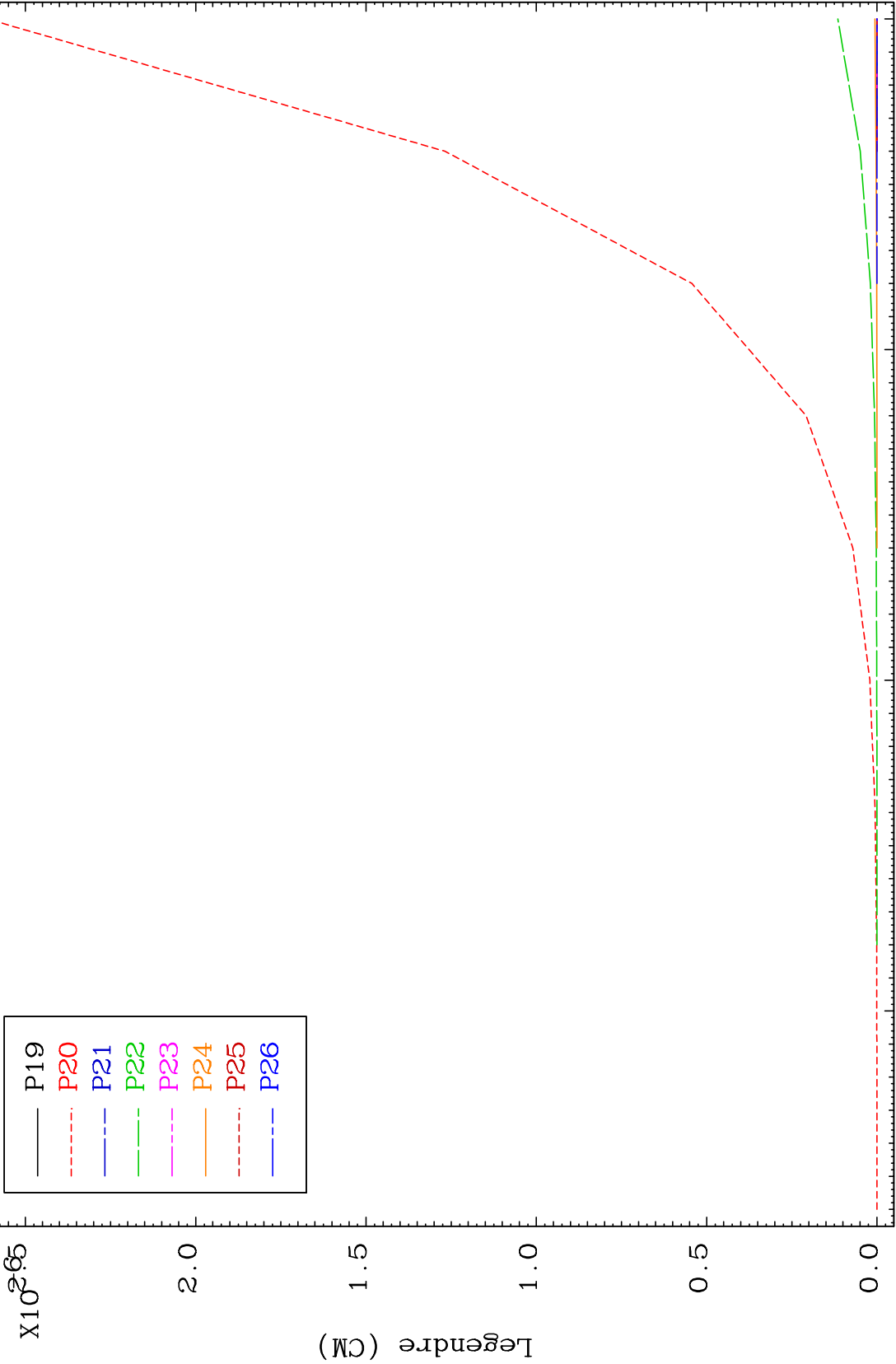
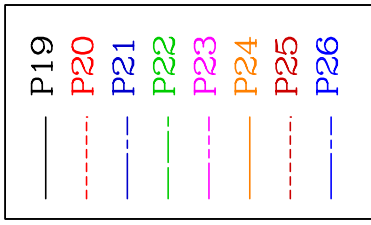
Incident Energy (MeV)

65-Tb-143m

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Elastic Legendre Coefficients

65-Tb-143m



18

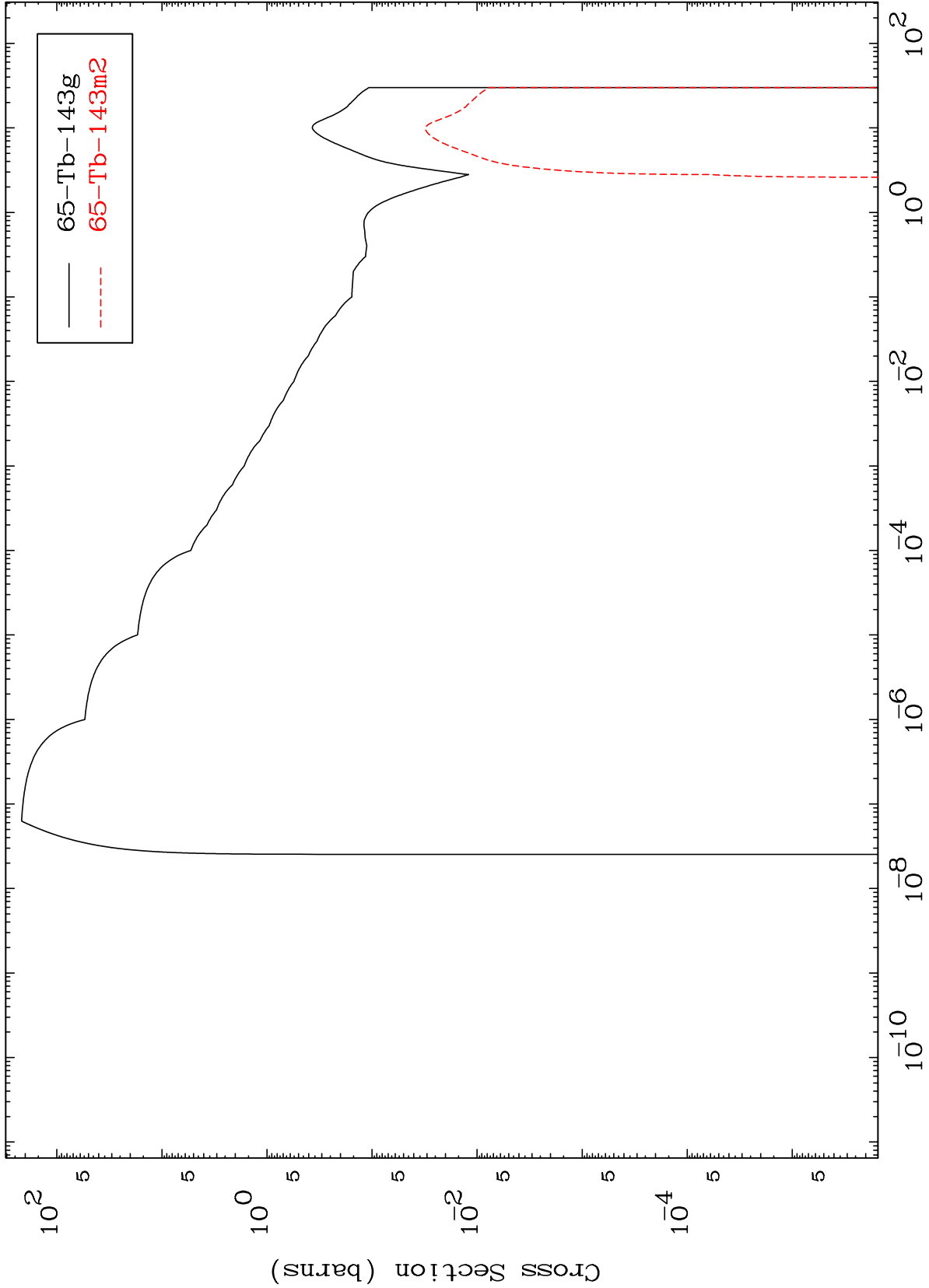
Incident Energy (MeV)

65-Tb-143m

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65-Tb-143m

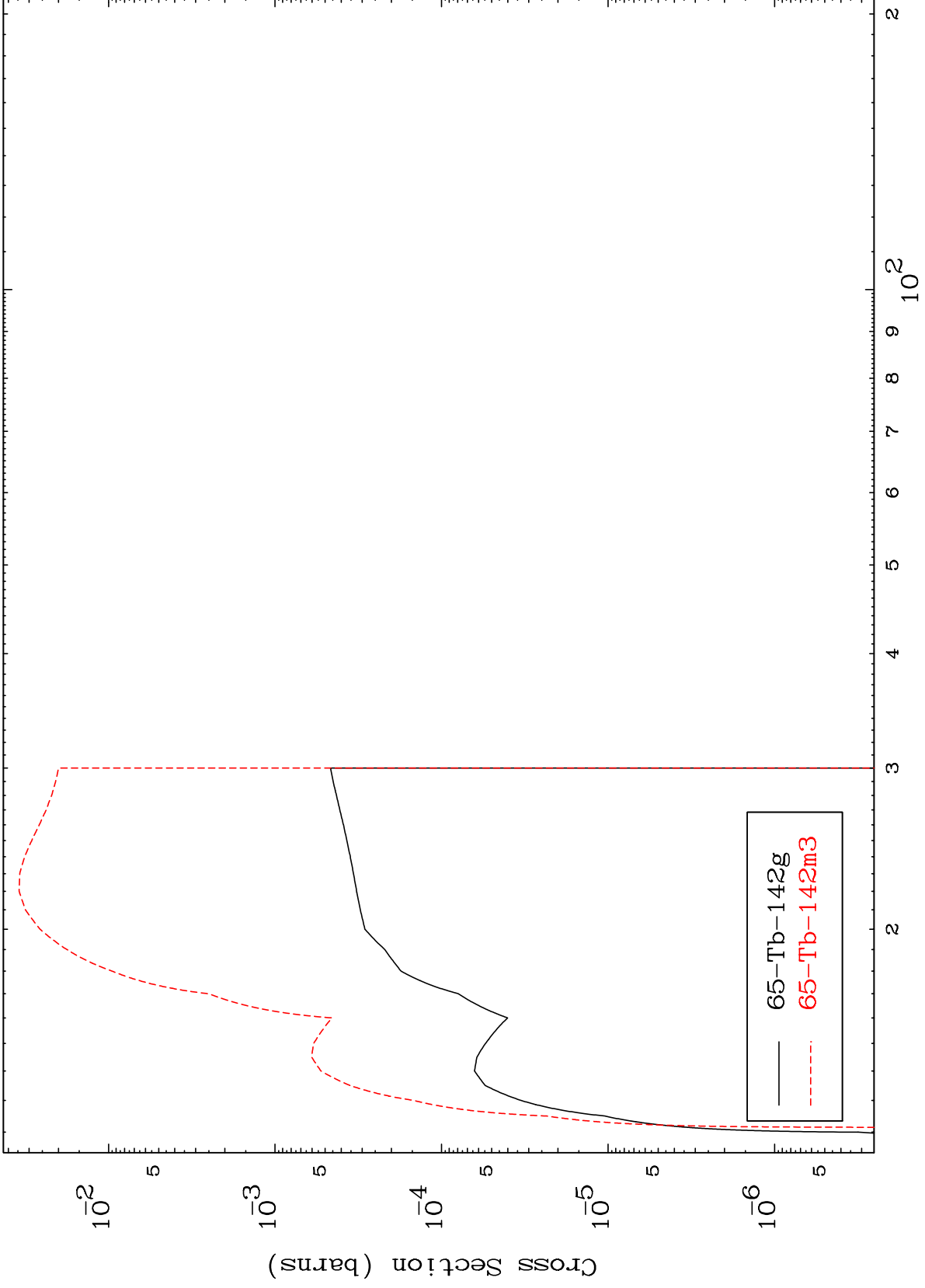
Inelastic  
Radionuclide Production Cross Section



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65-Tb-143m

(n,2n)  
Radionuclide Production Cross Section



20

Incident Energy (MeV)

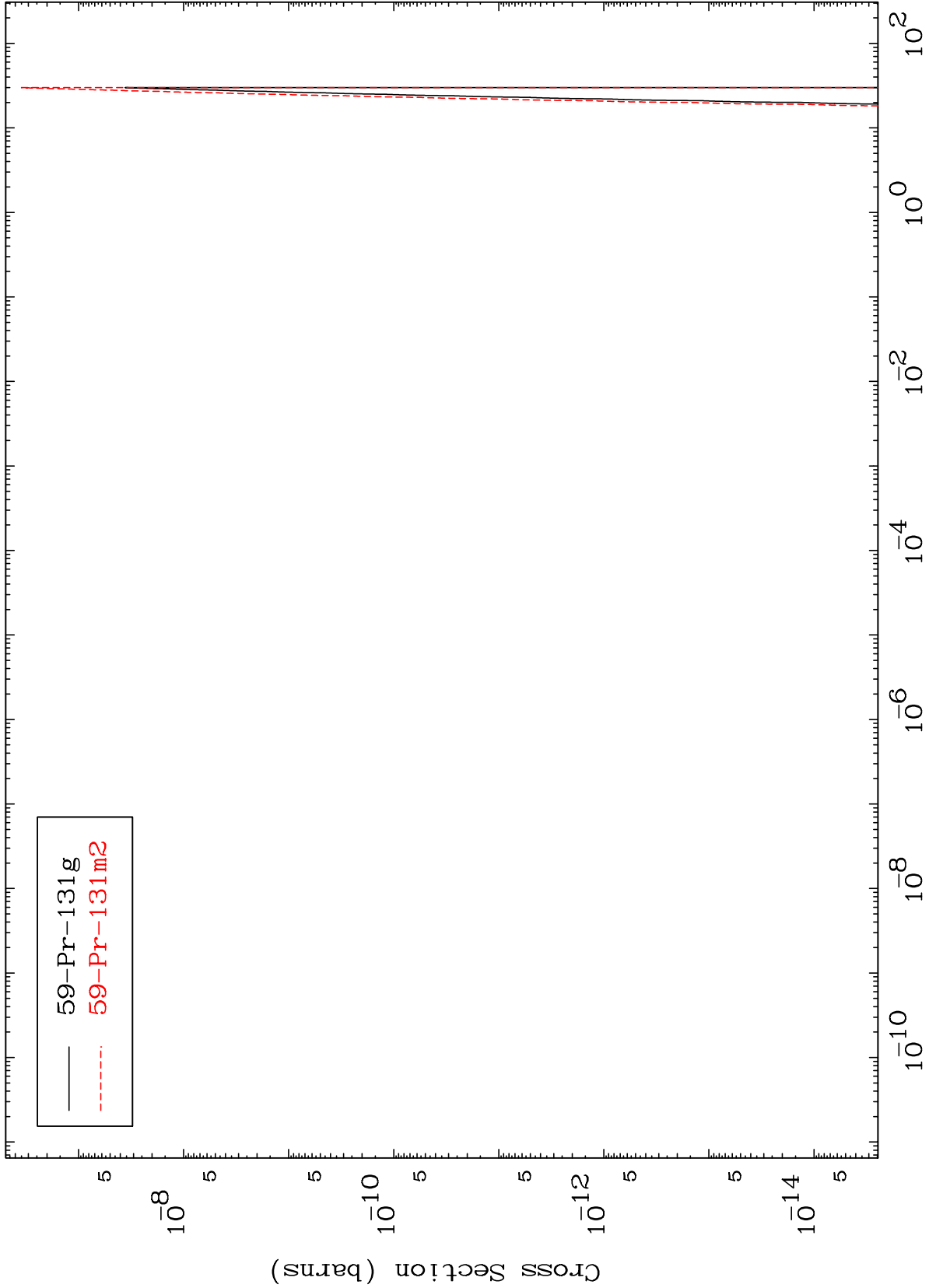
65-Tb-143m

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(n,n') 3 $\alpha$

65-Tb-143m

Radionuclide Production Cross Section

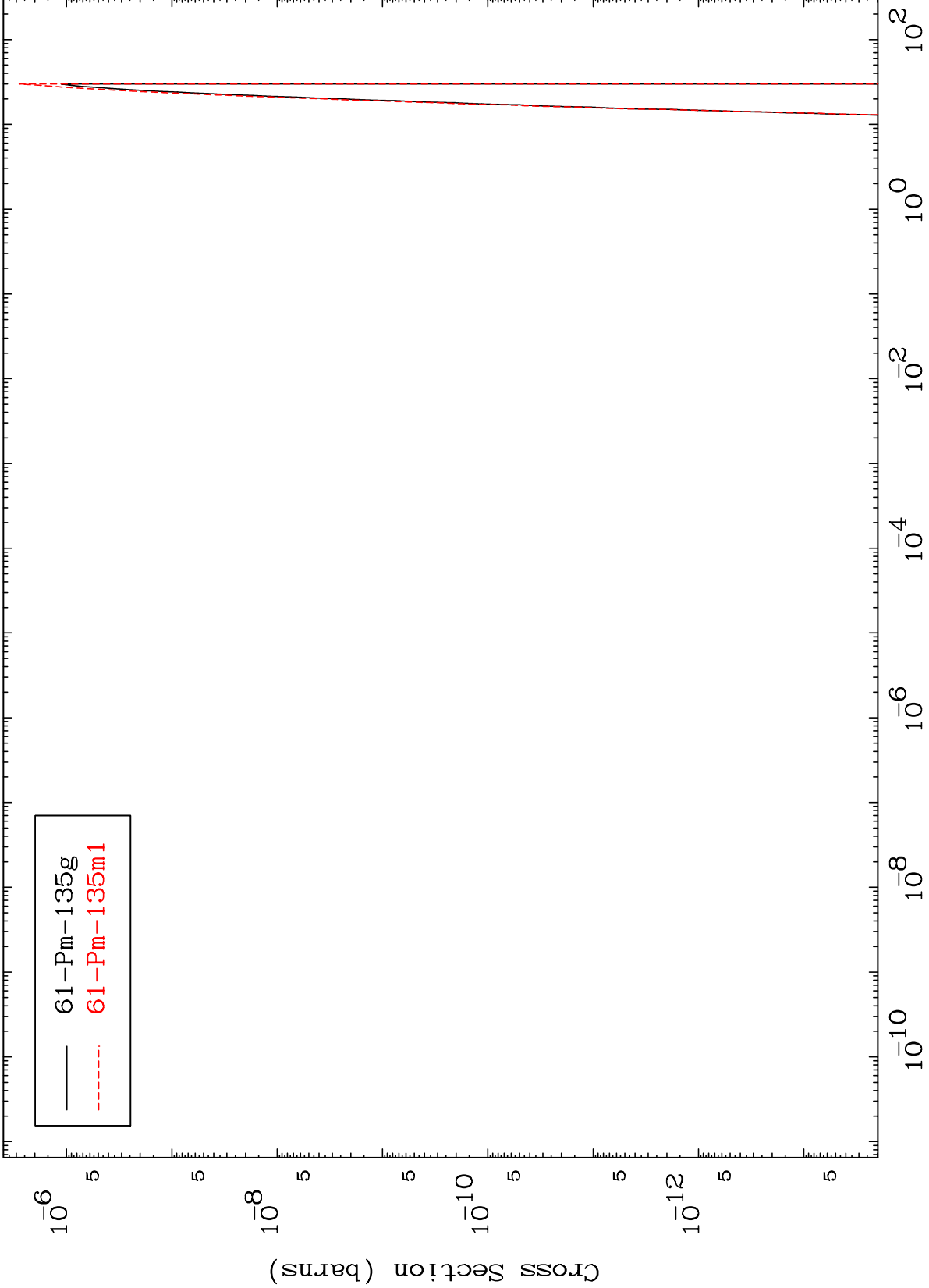
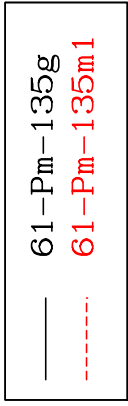


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(n,n') 2 $\alpha$

65-Tb-143m

Radionuclide Production Cross Section

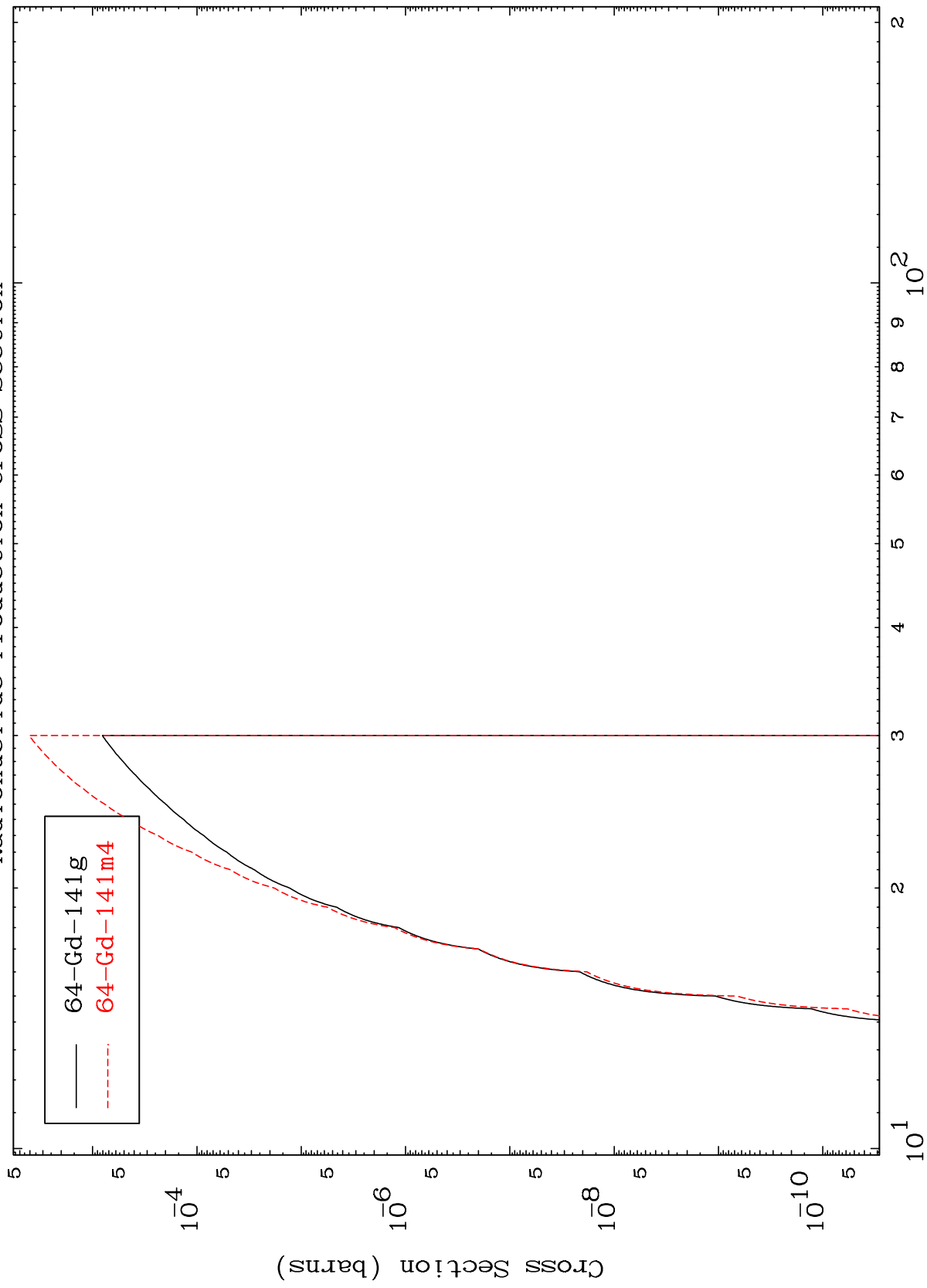


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(n,n') d

65-Tb-143m

Radionuclide Production Cross Section



Incident Energy (MeV)

65-Tb-143m

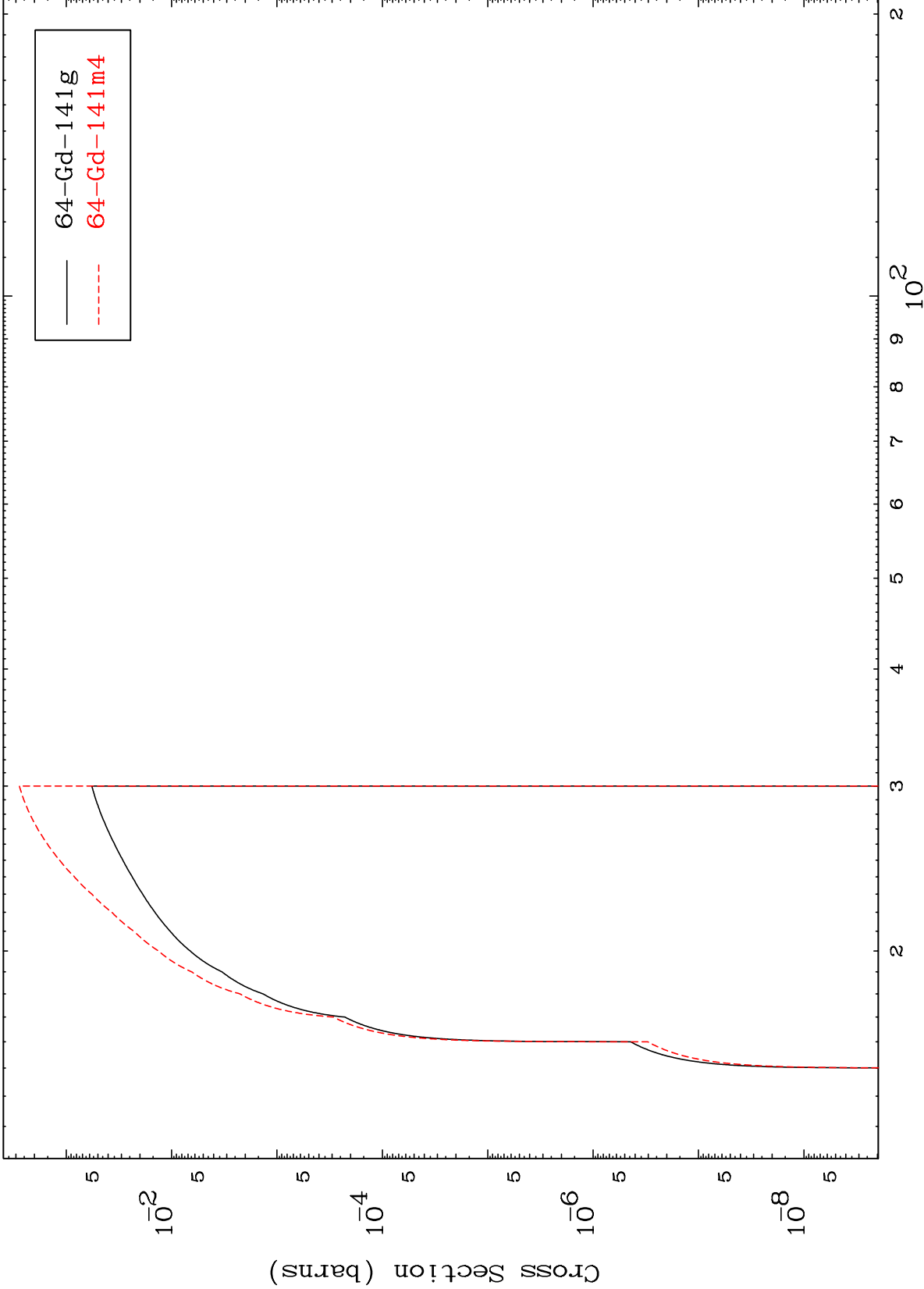
23

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(n,2n) p

65-Tb-143m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

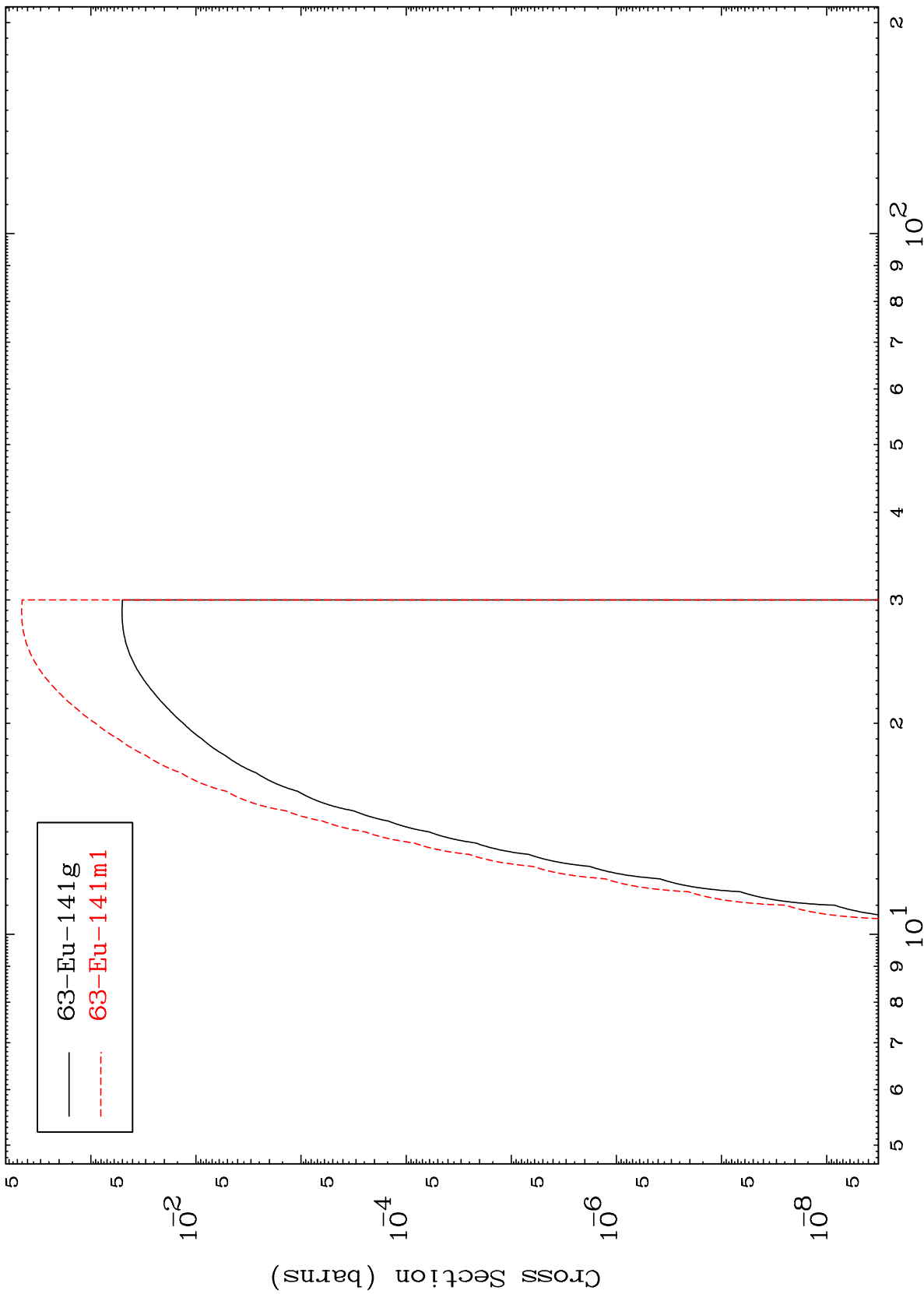
65-Tb-143m

MAT 6478

(n,2n) p

65-Tb-143m

Radionuclide Production Cross Section



Incident Energy (MeV)

65-Tb-143m

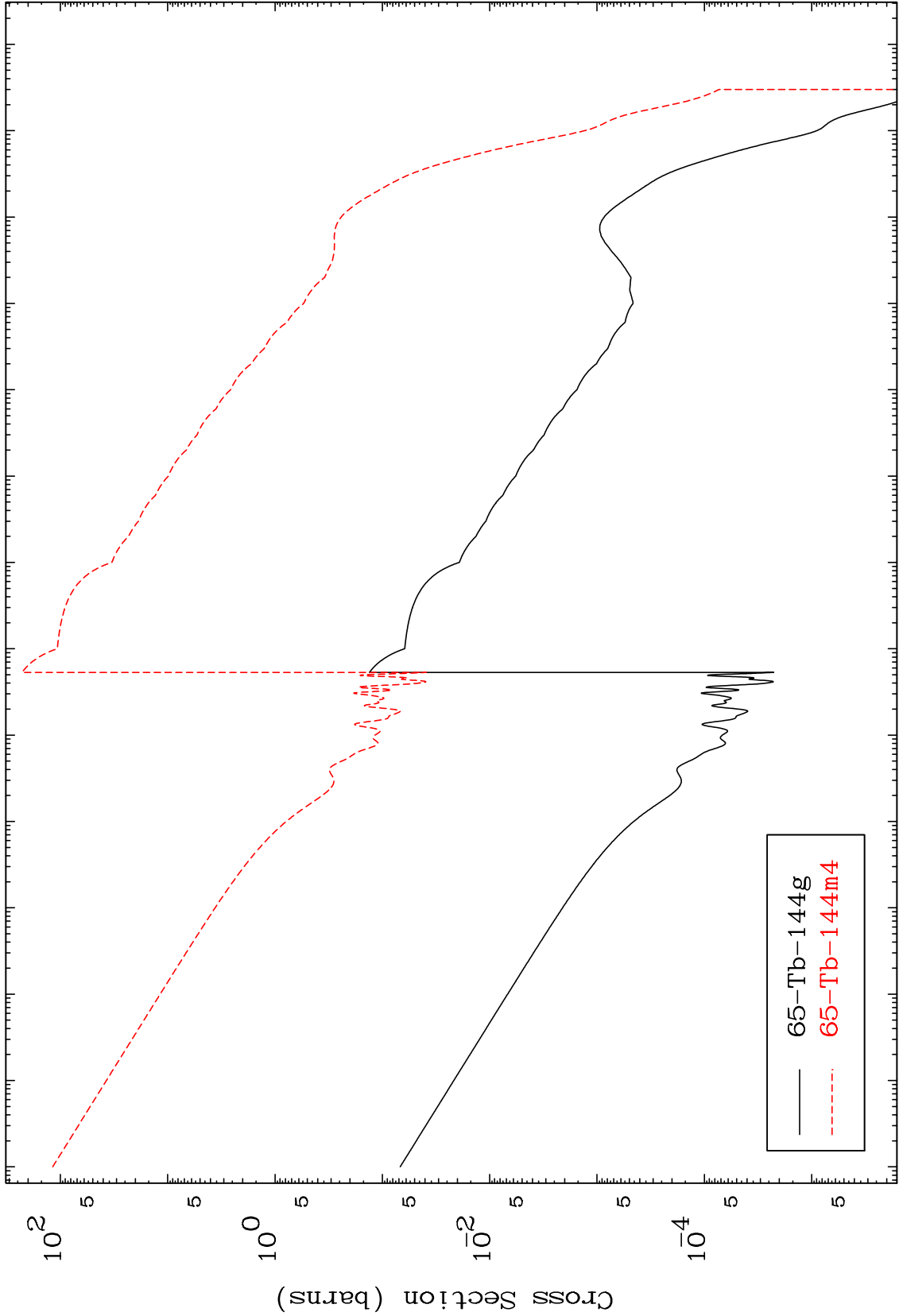
25

MAT 6478

65-Tb-143m

Radionuclide Production Cross Section

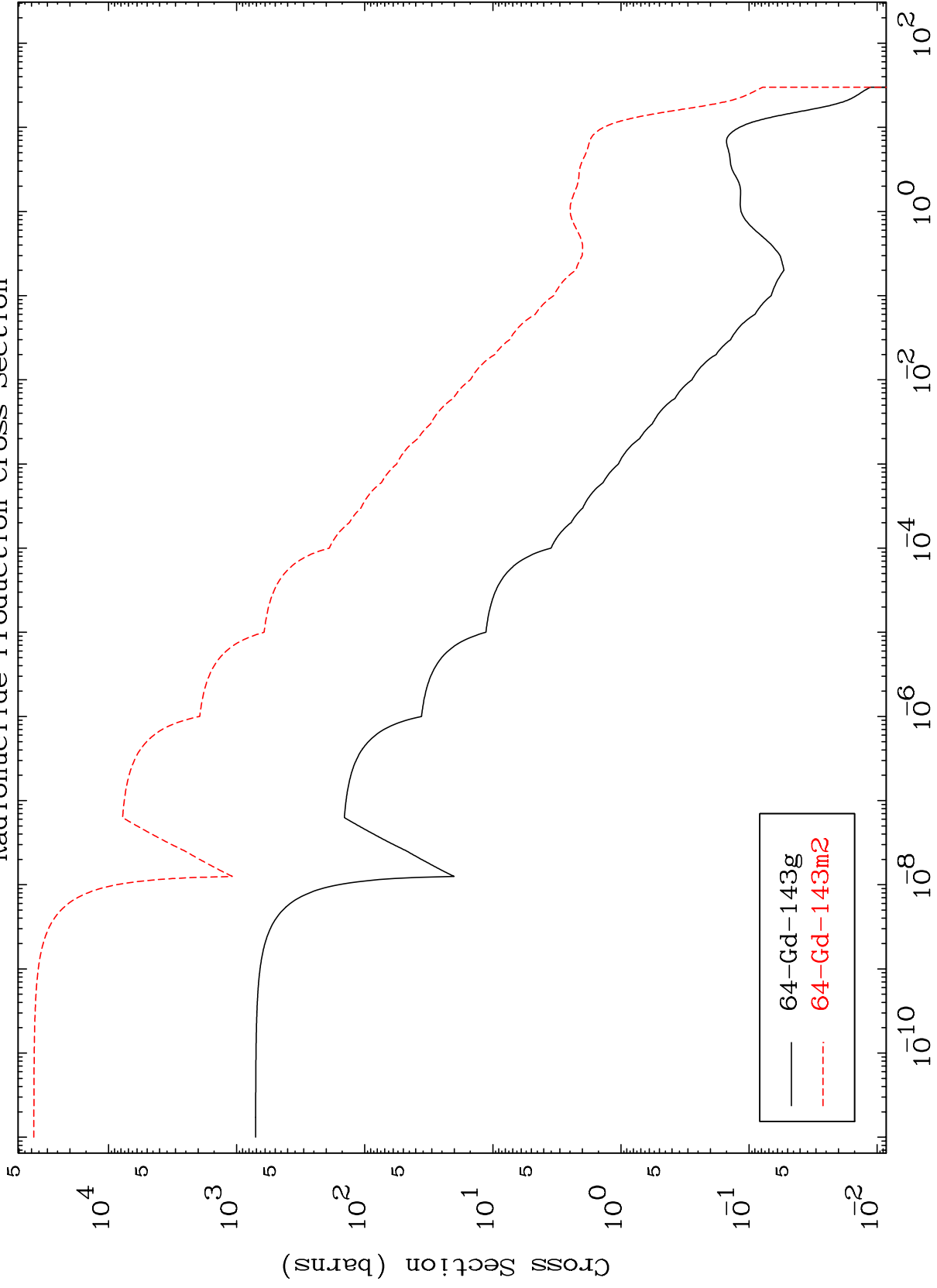
(n,  $\gamma$ )



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65-Tb-143m

(n,p)  
Radionuclide Production Cross Section



Incident Energy (MeV)

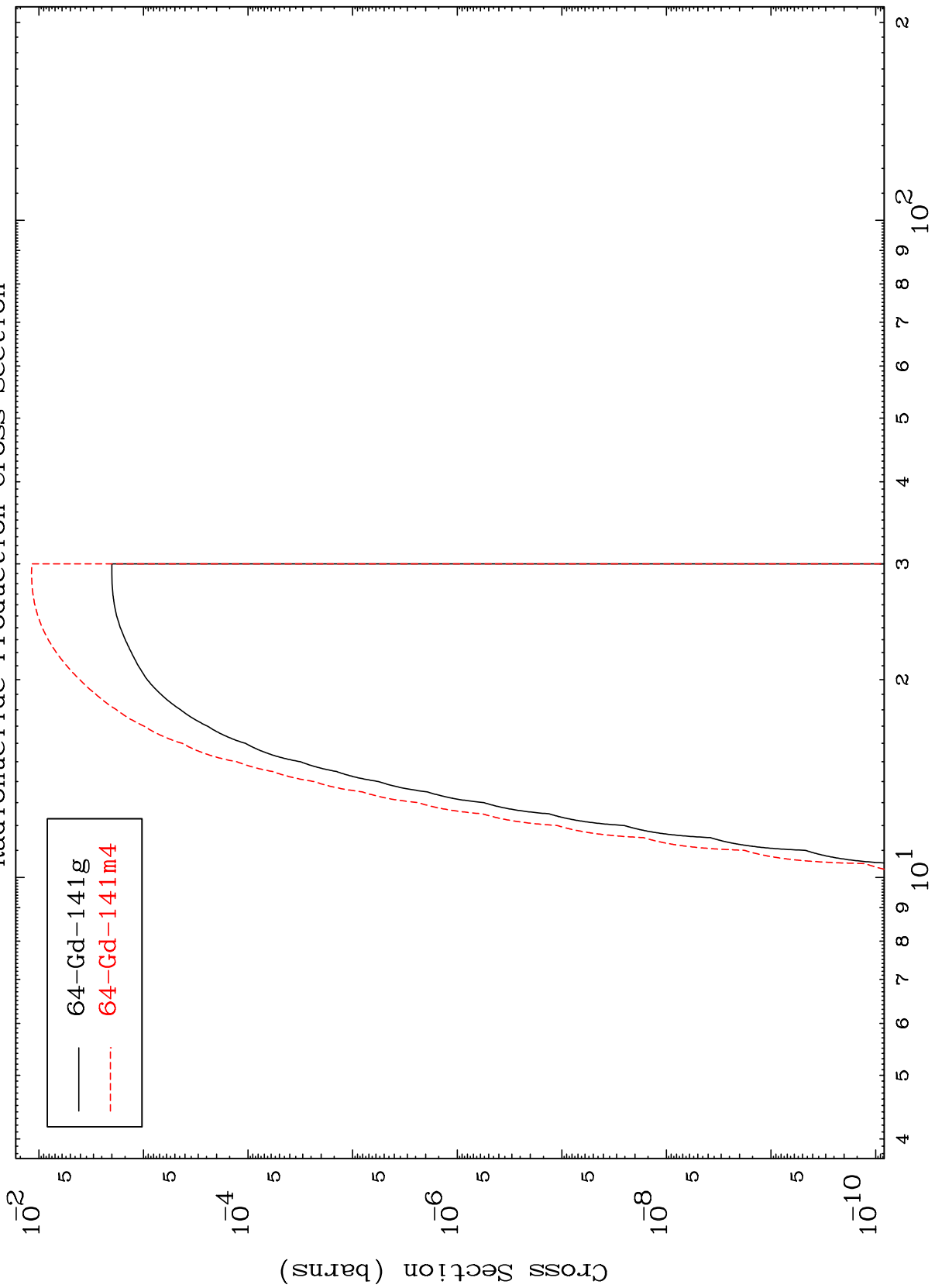
65-Tb-143m

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65-Tb-143m

(n, t)  
Radionuclide Production Cross Section



64-Gd-141g  
64-Gd-141m4

65-Tb-143m

Incident Energy (MeV)

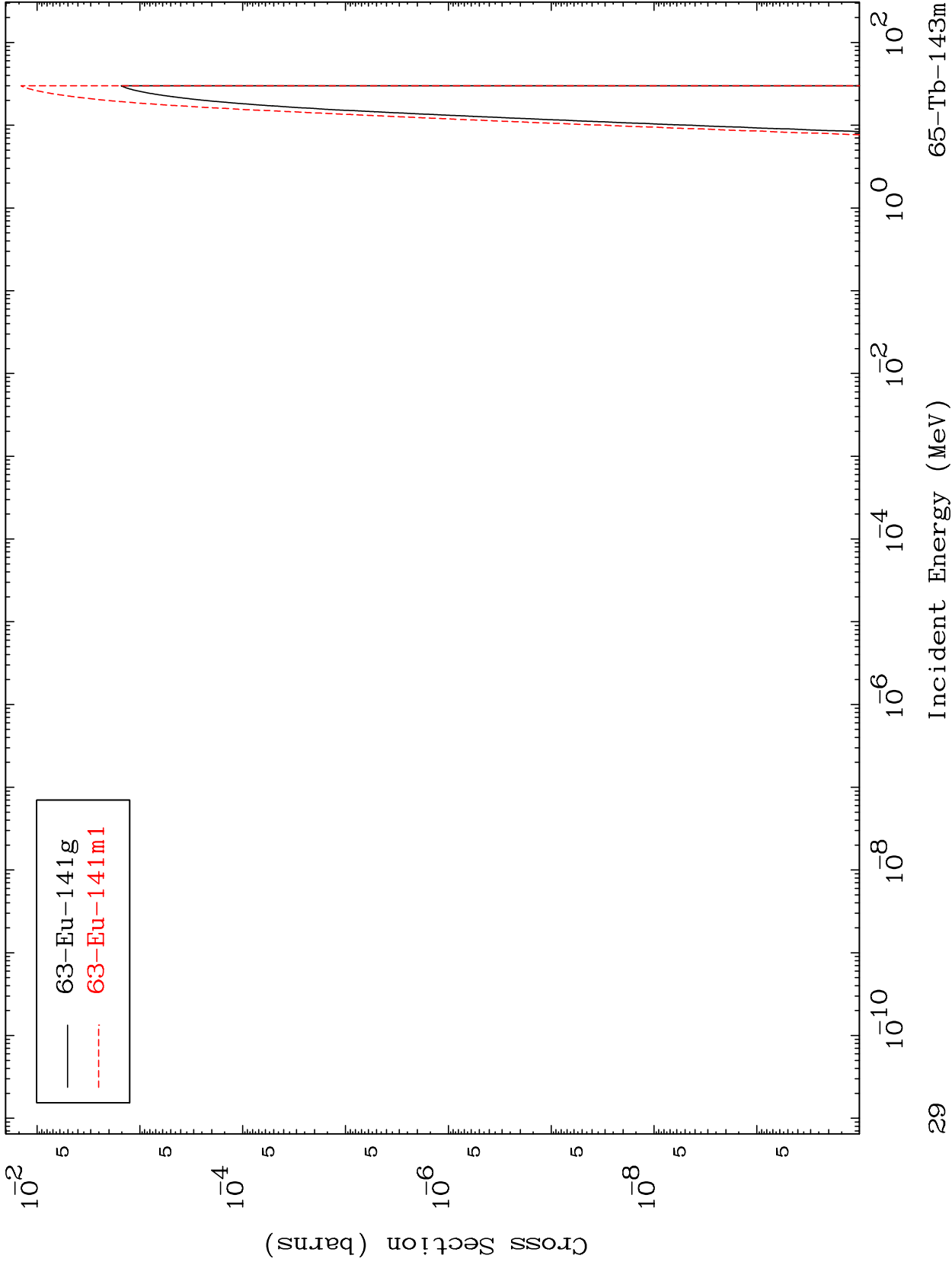
28

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(n,He-3)

65-Tb-143m

Radionuclide Production Cross Section

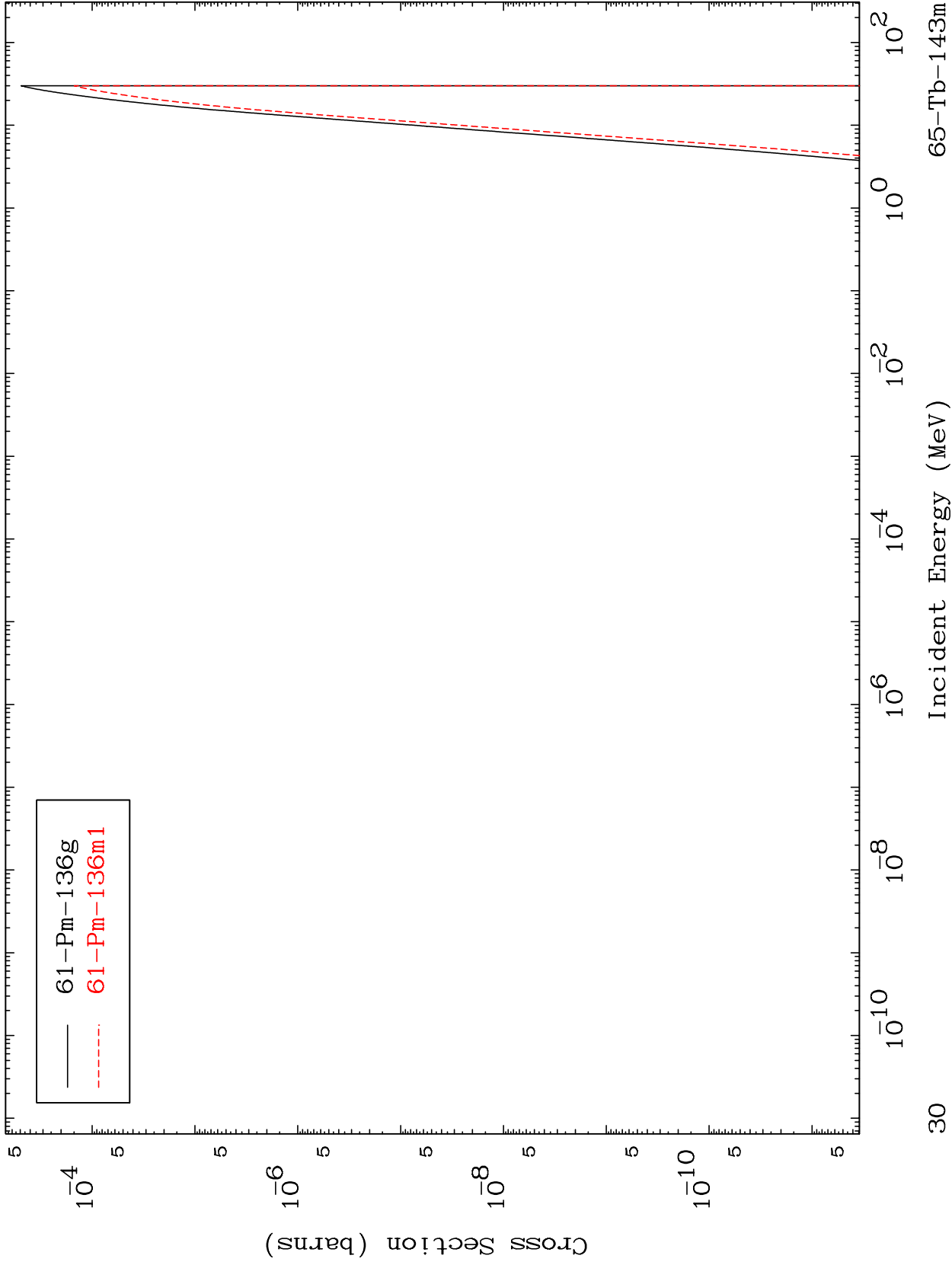


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(n,2α)

65-Tb-143m

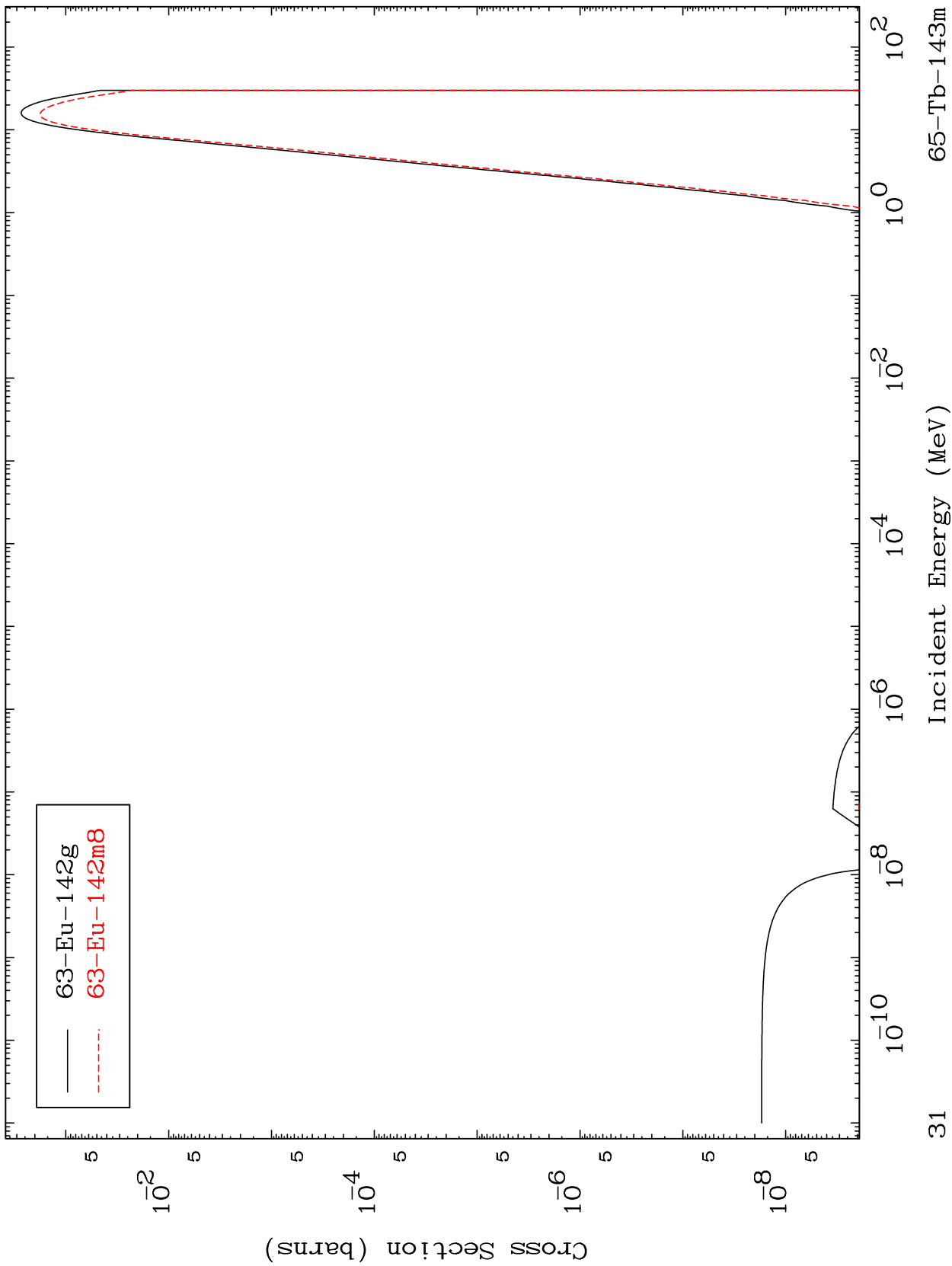
Radionuclide Production Cross Section



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Radionuclide Production Cross Section  
(n,2p)

65-Tb-143m

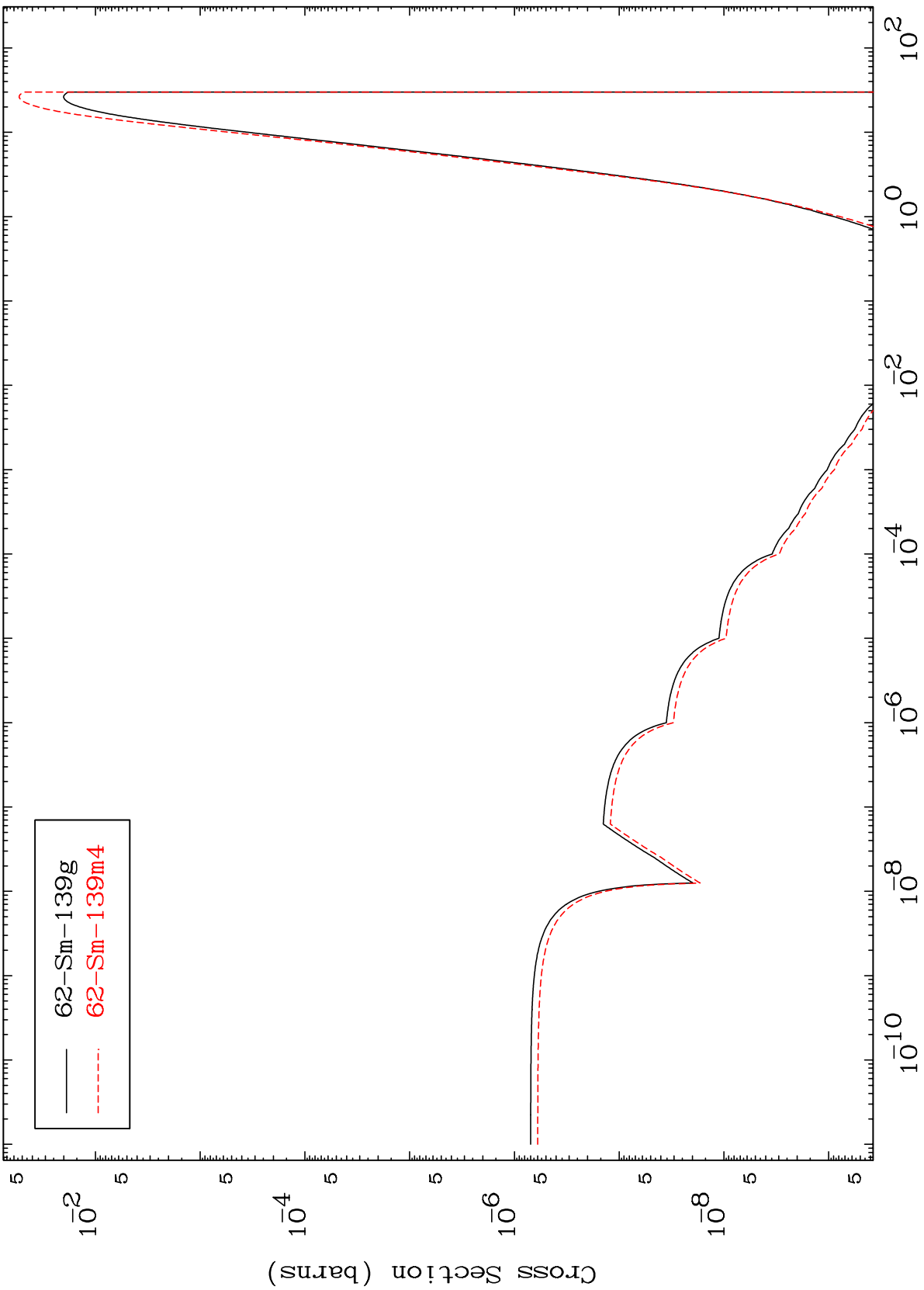


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(n,p)  $\alpha$

65-Tb-143m

Radionuclide Production Cross Section

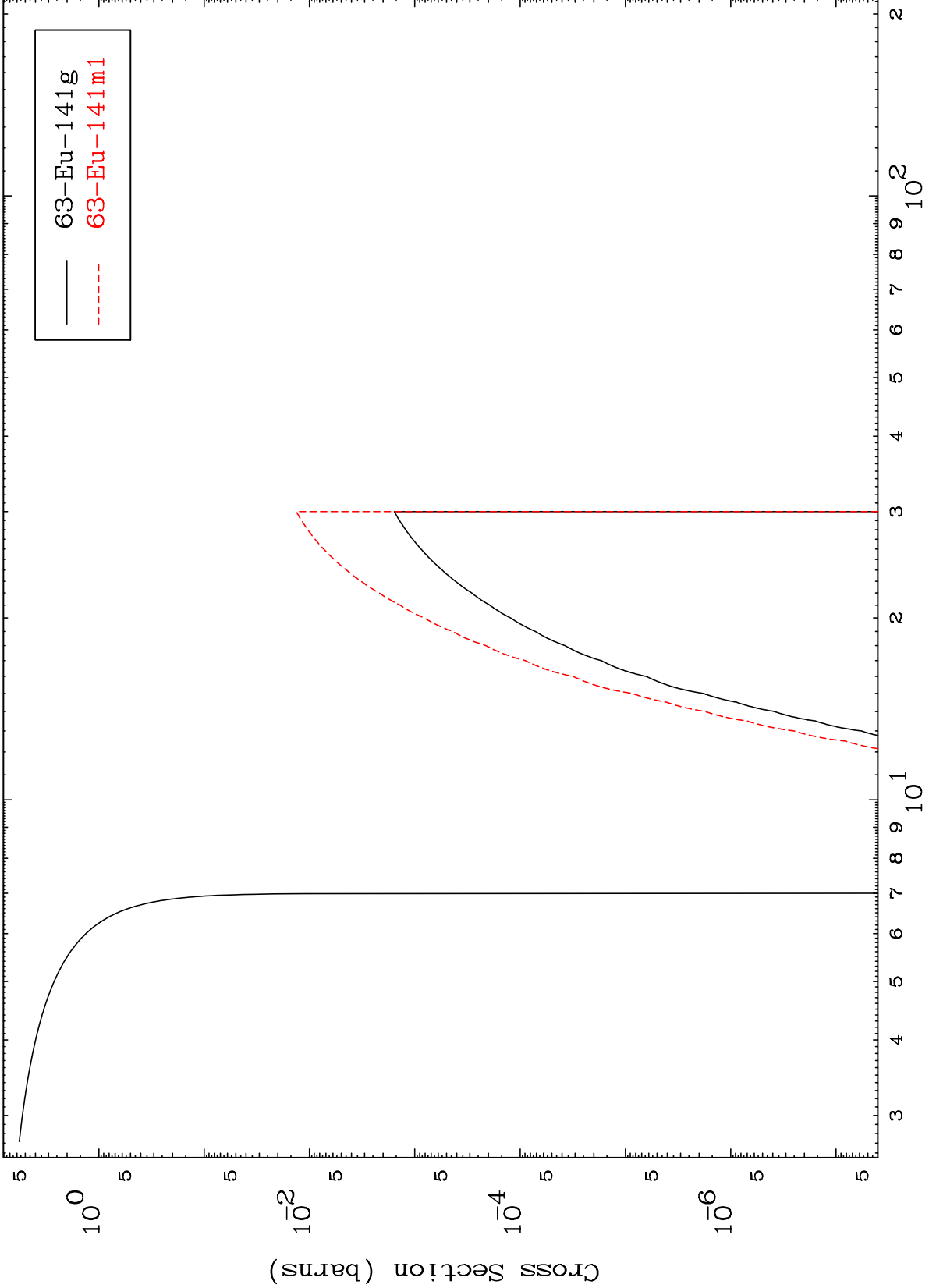


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(n,p) d

65-Tb-143m

Radionuclide Production Cross Section



33

Incident Energy (MeV)

65-Tb-143m