

Program EVALPLOT  
(Version 2021-1)

by

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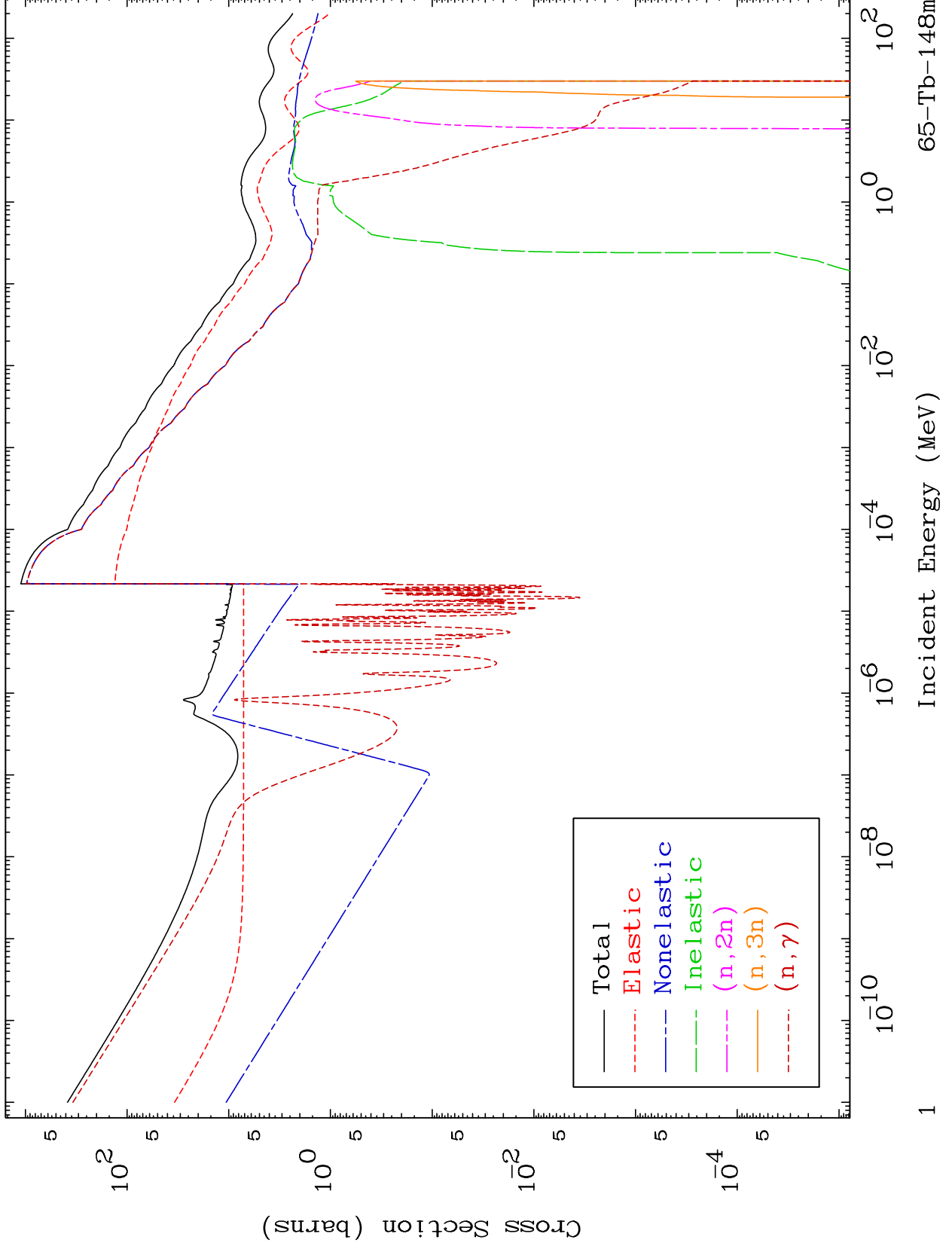
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6493

Neutron Major  
293 Kelvin Cross Sections

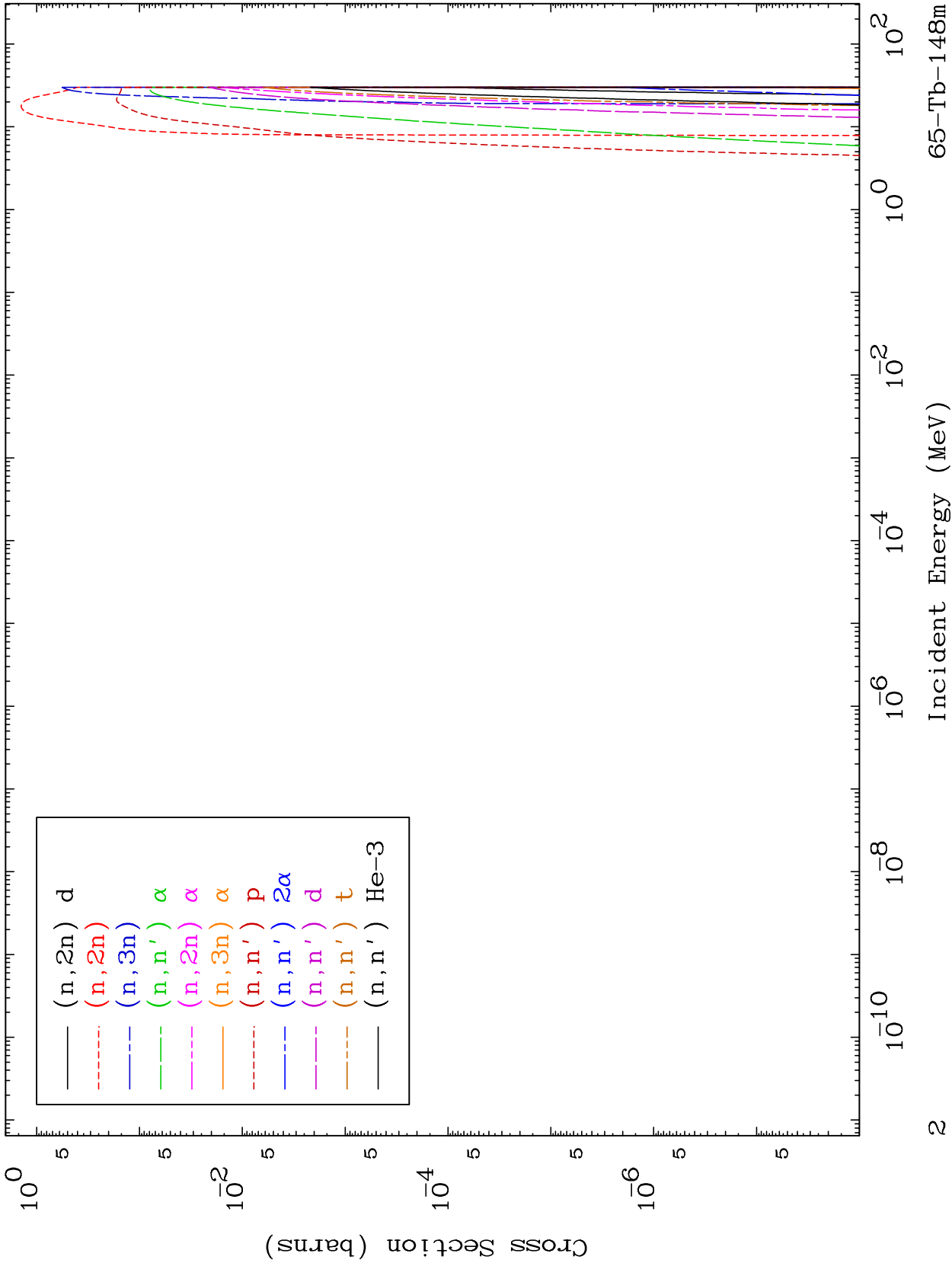
65-Tb-148m



MAT 6493

Neutron Absorption  
293 Kelvin Cross Sections

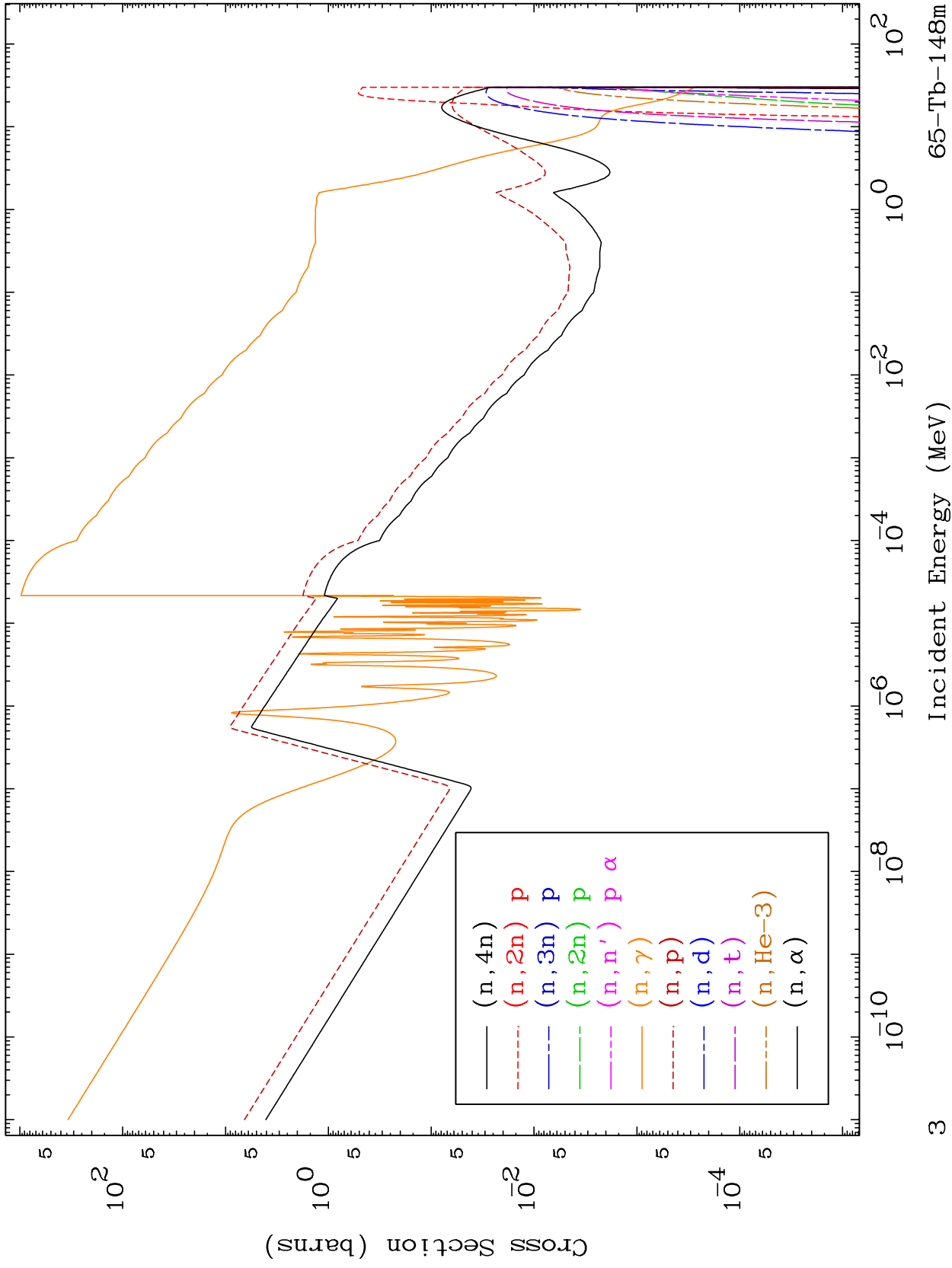
65-Tb-148m



MAT 6493

Neutron Absorption  
293 Kelvin Cross Sections

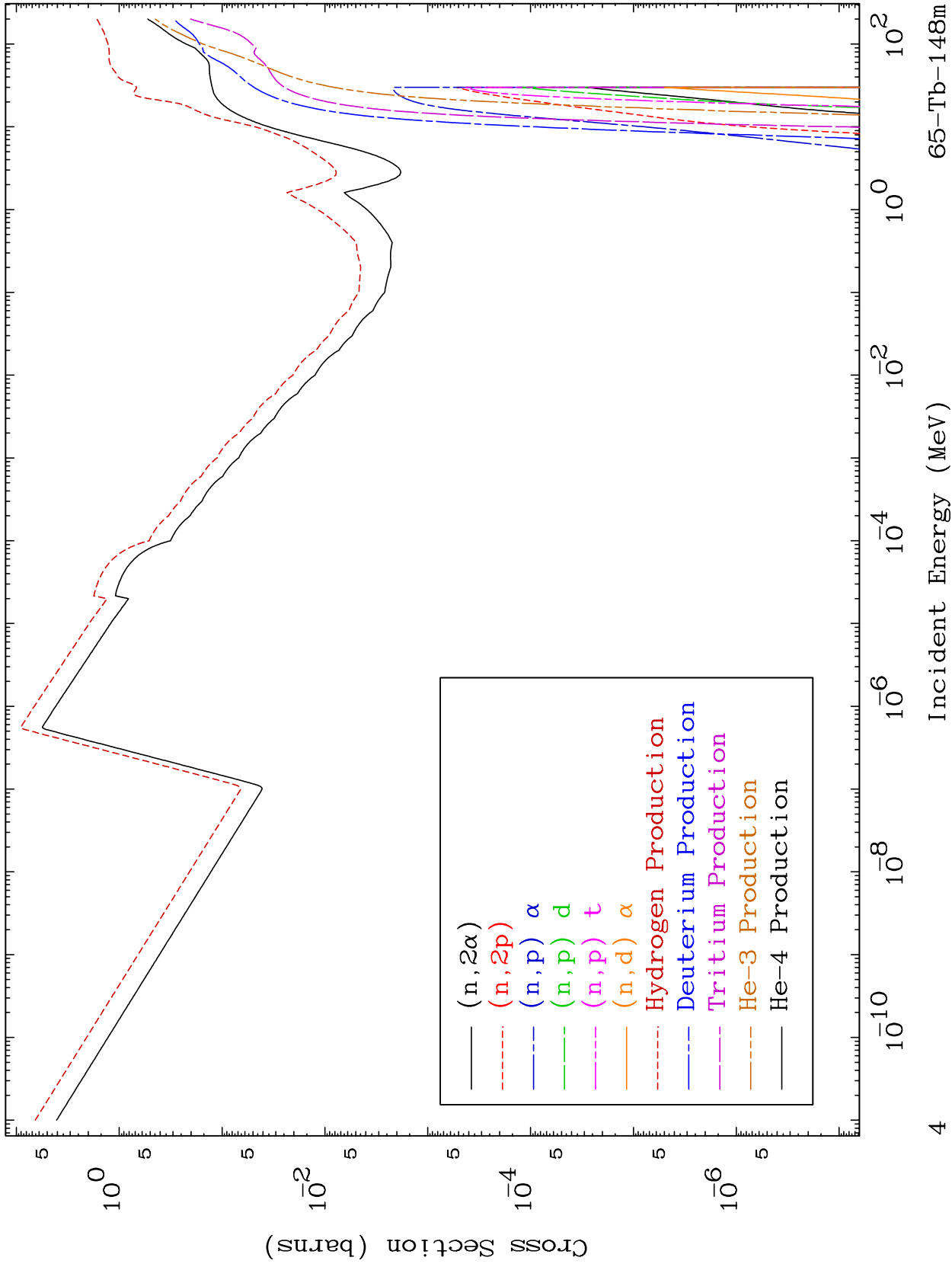
65-Tb-148m



MAT 6493

Neutron Absorption  
293 Kelvin Cross Sections

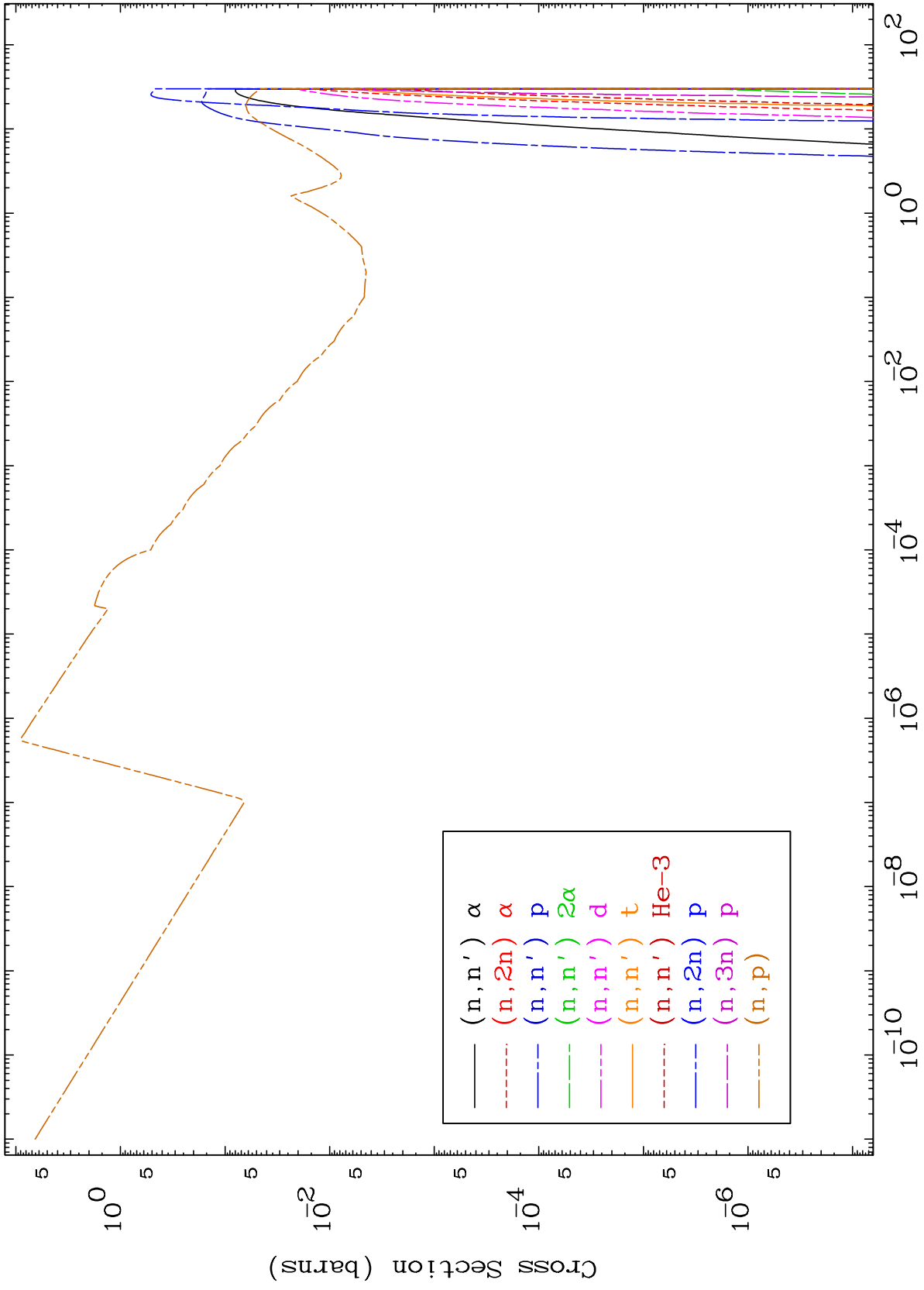
65-Tb-148m



MAT 6493

Charged Particle  
293 Kelvin Cross Sections

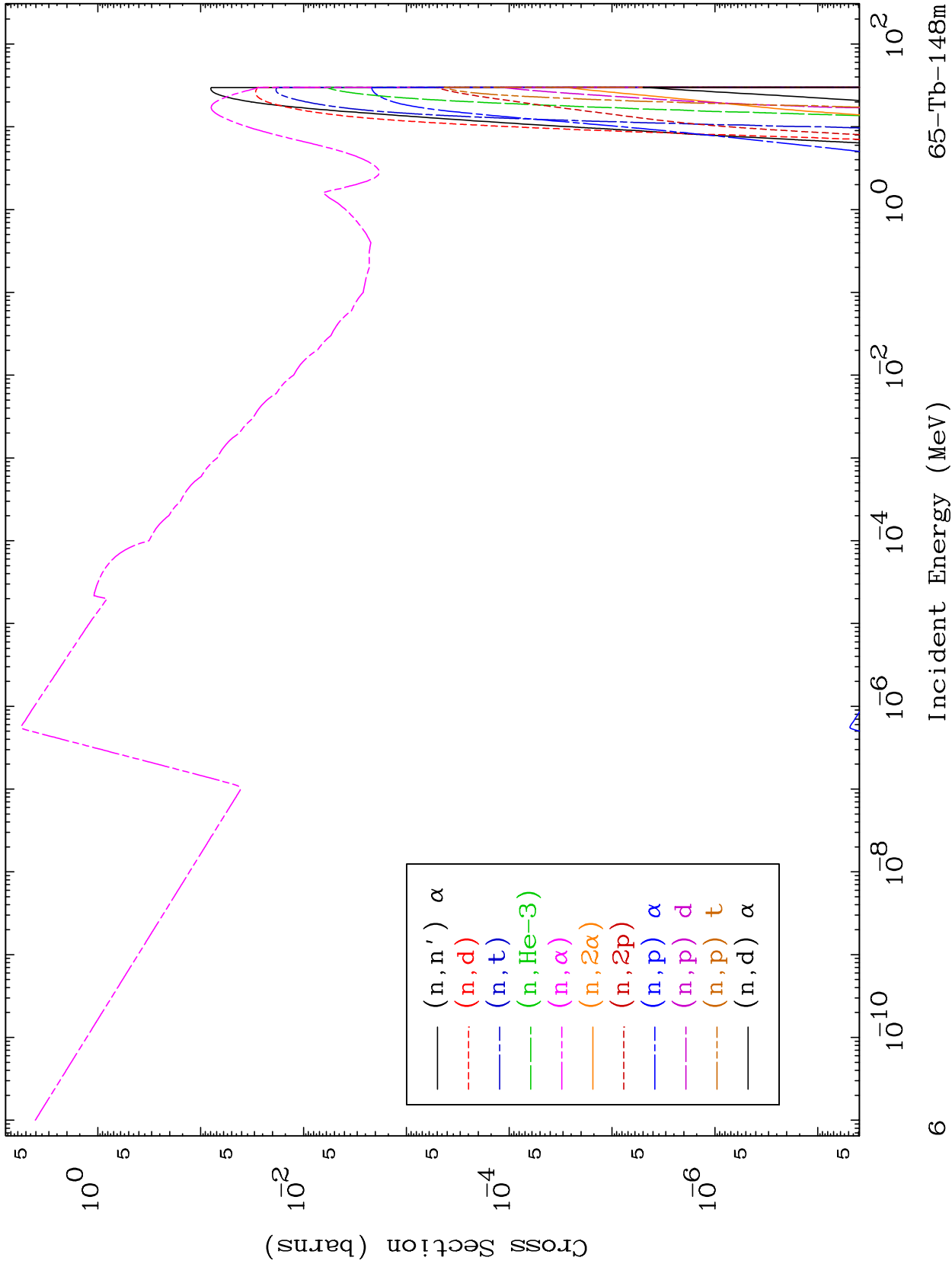
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Charged Particle  
293 Kelvin Cross Sections

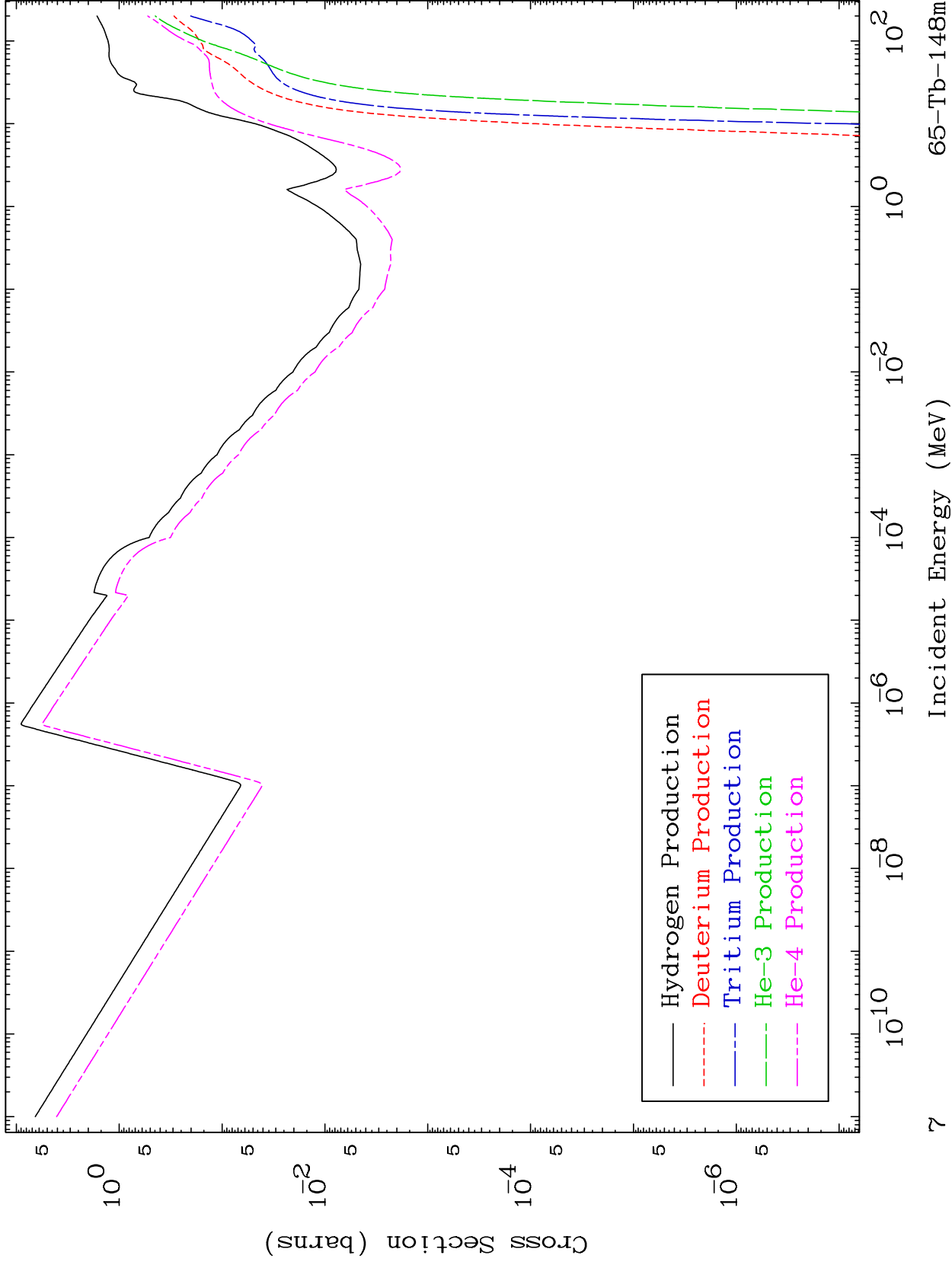
65-Tb-148m



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Particle Production  
293 Kelvin Cross Sections

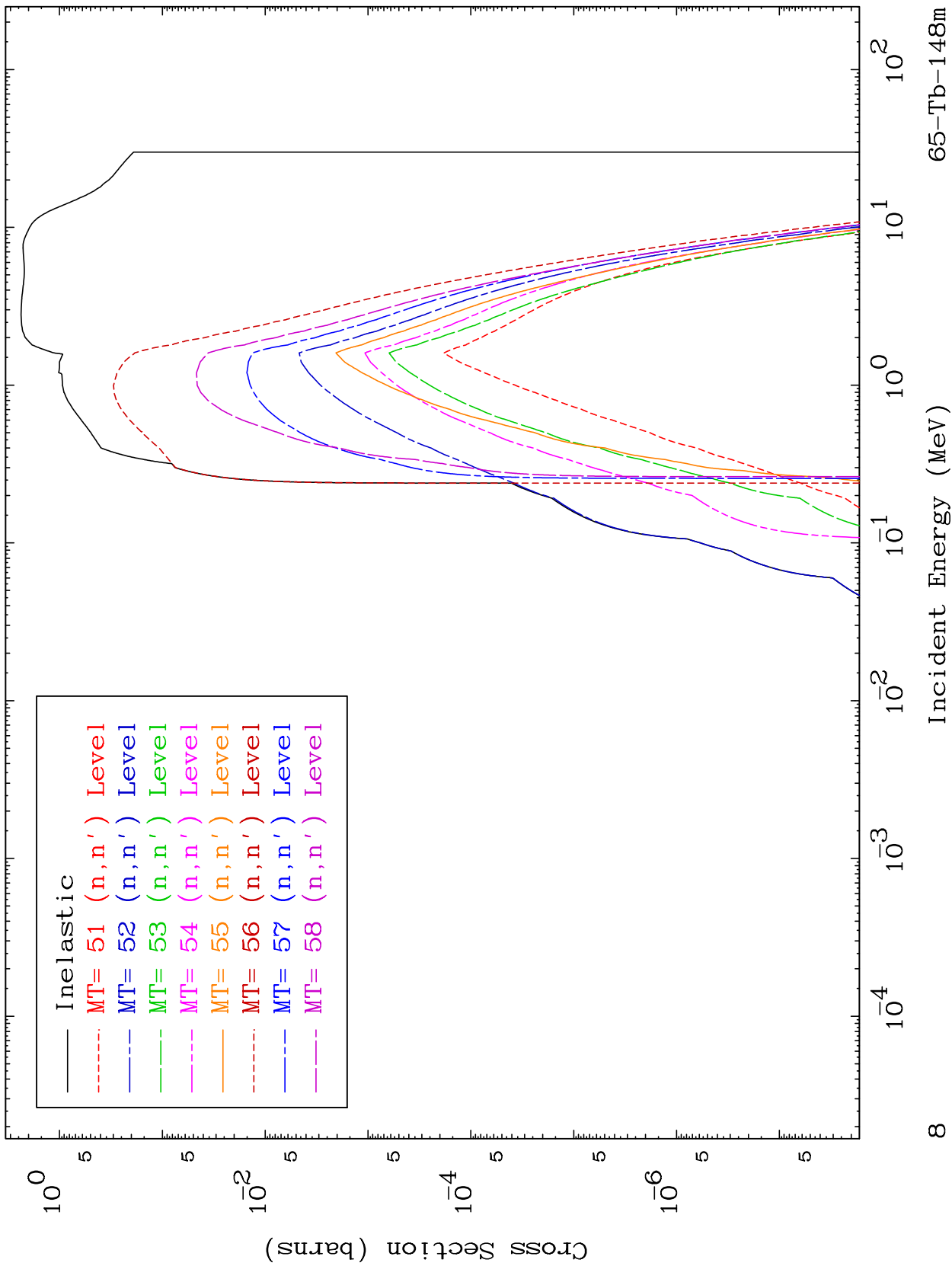
65-Tb-148m



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293 Kelvin Cross Sections  
(n,n') Levels

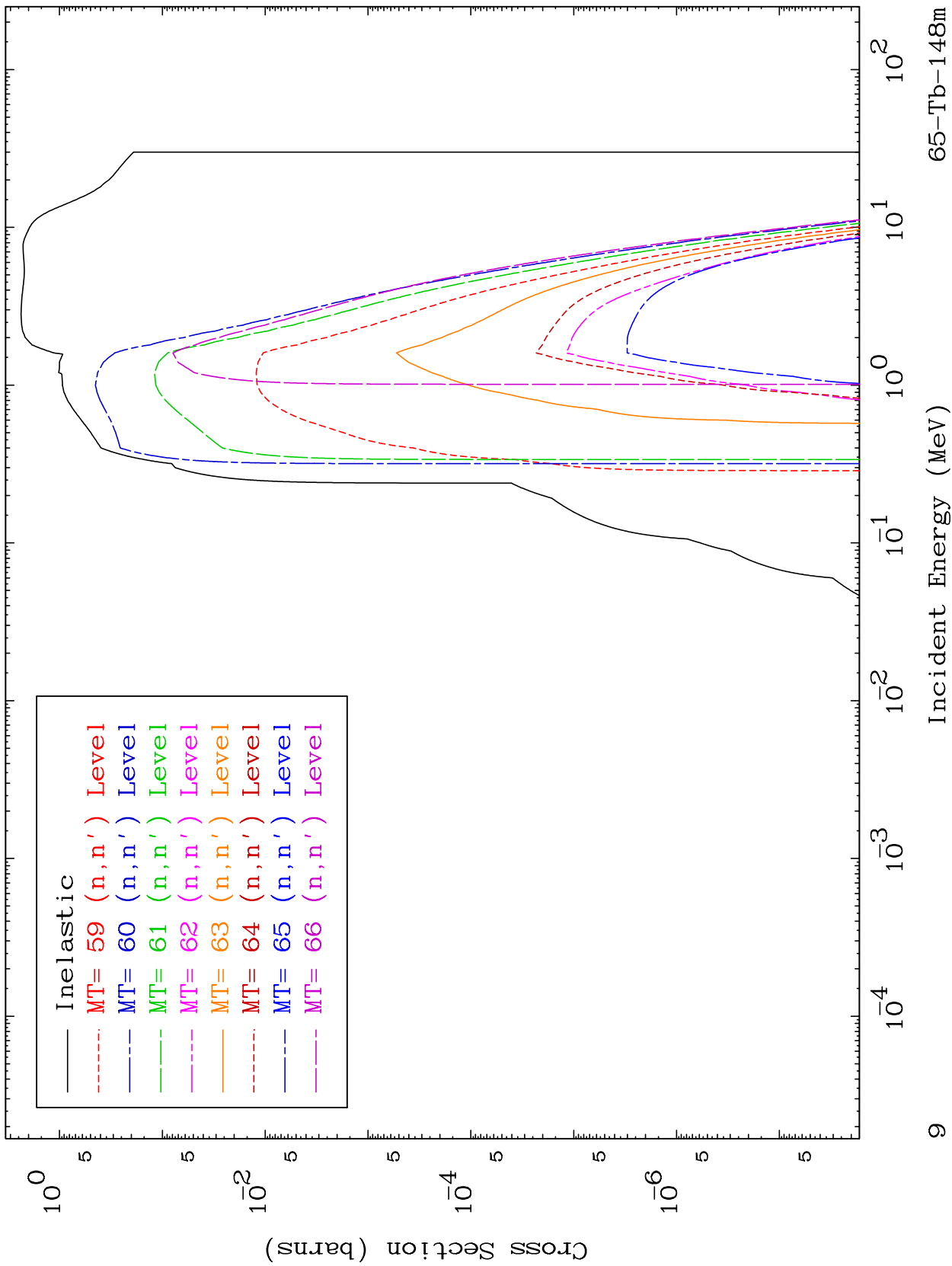
65-Tb-148m



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293 Kelvin Cross Sections  
(n,n') Levels

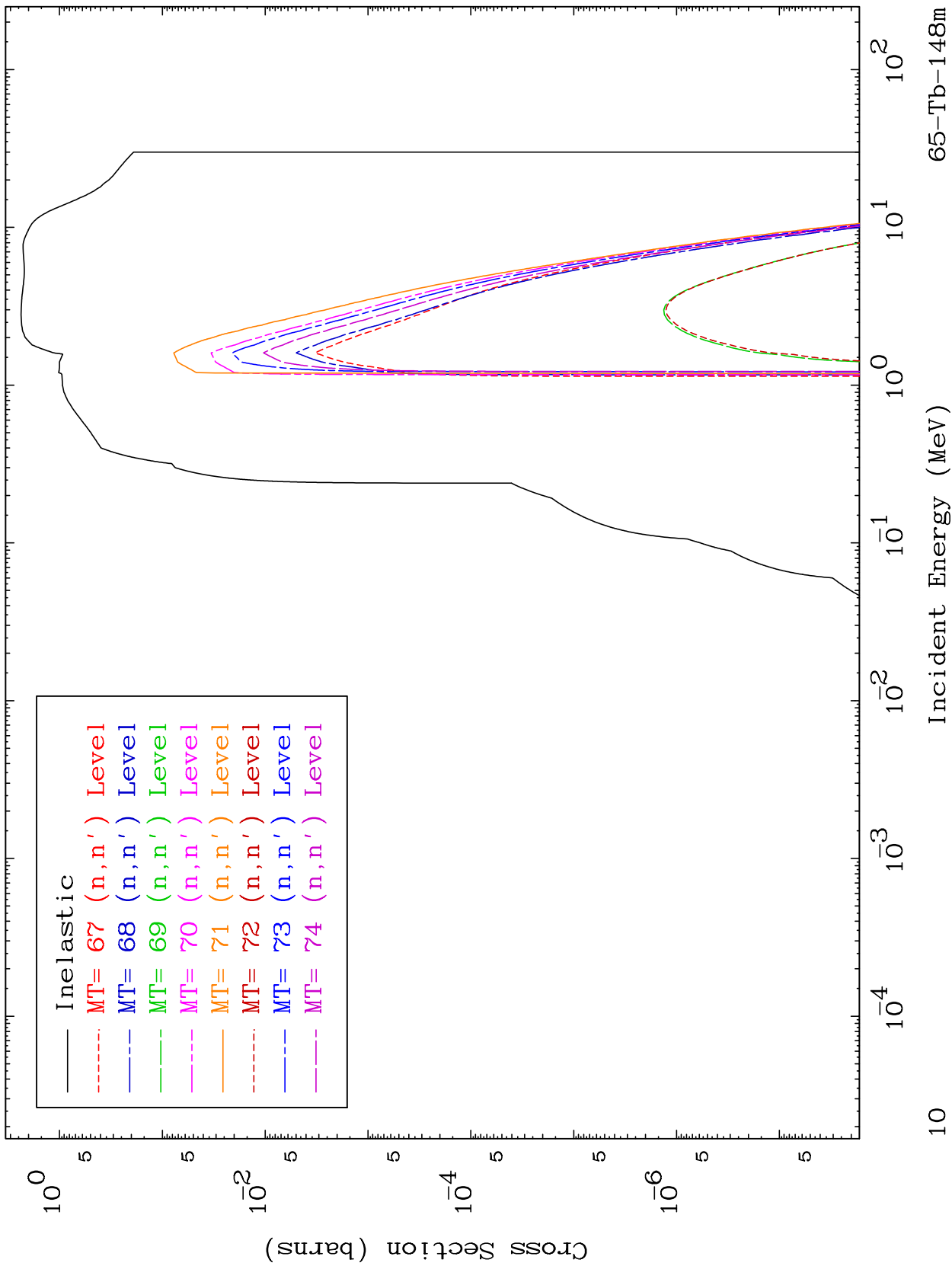
65-Tb-148m



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(n,n') Levels  
293 Kelvin Cross Sections

65-Tb-148m



10

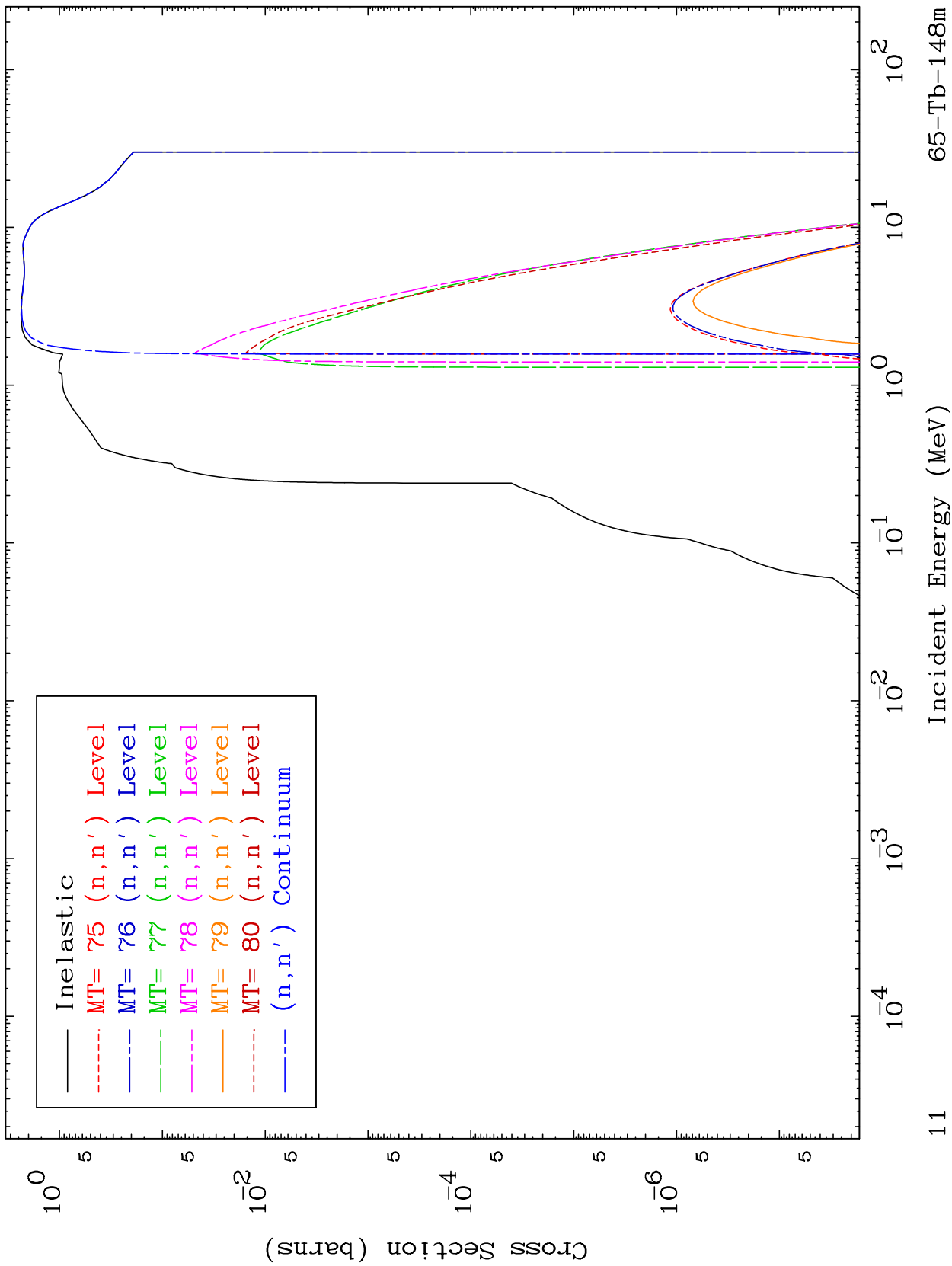
Incident Energy (MeV)

65-Tb-148m

MAT 6493

(n,n') Levels  
293 Kelvin Cross Sections

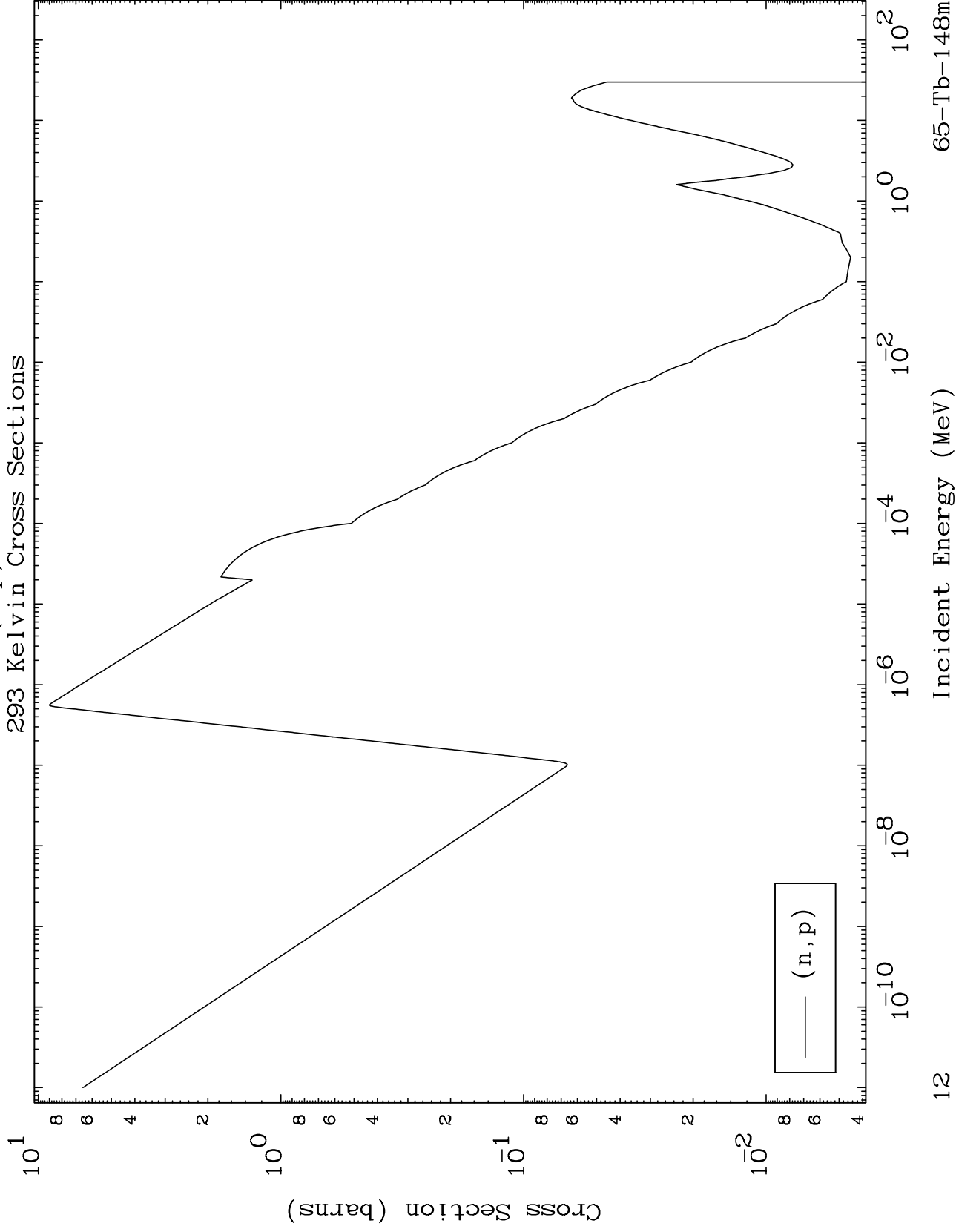
65-Tb-148m



MAT 6493

(n,p) Levels  
293 Kelvin Cross Sections

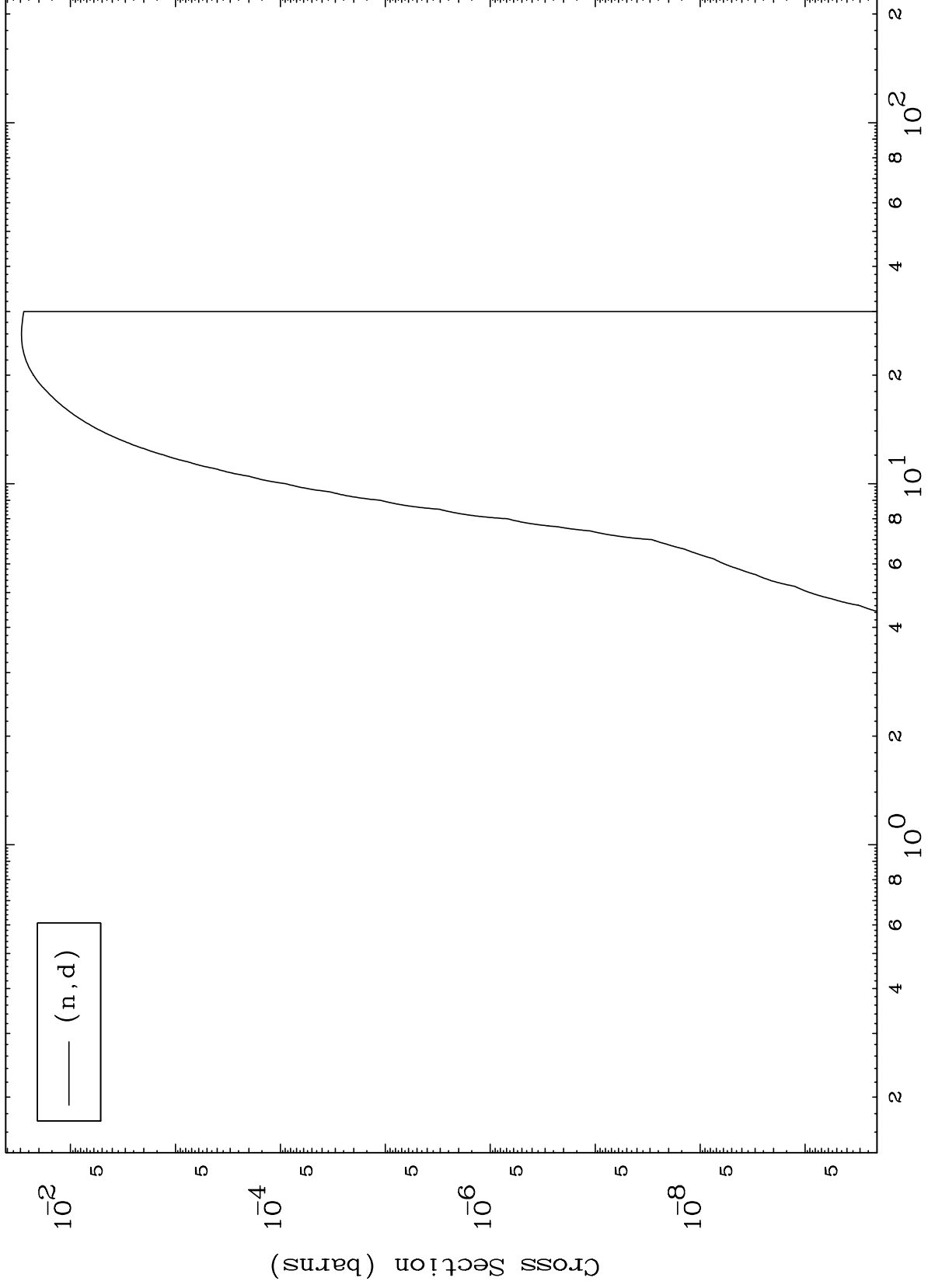
65-Tb-148m



MAT 6493

(n,d) Levels  
293 Kelvin Cross Sections

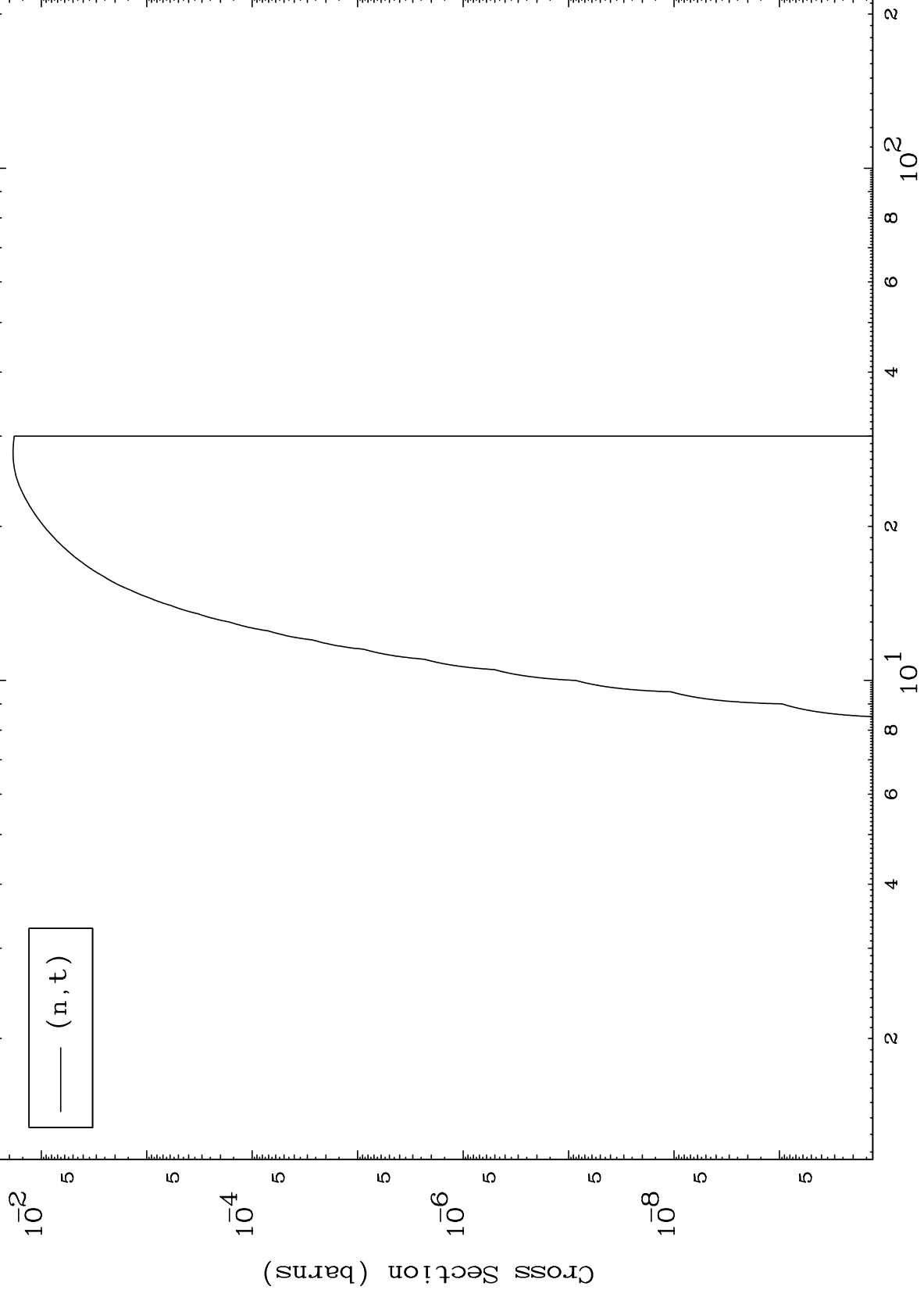
65-Tb-148m



MAT 6493

(n,t) Levels  
293 Kelvin Cross Sections

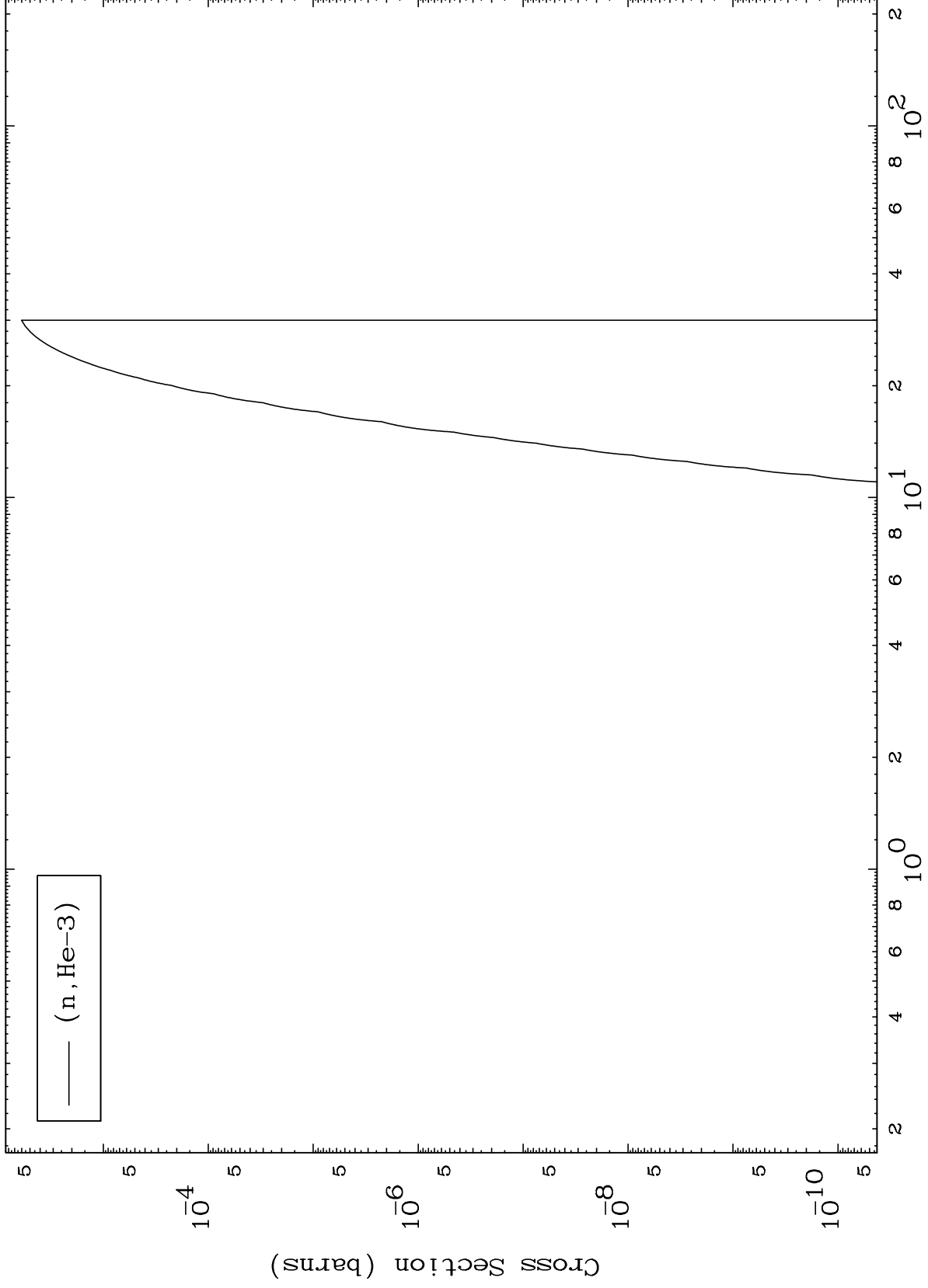
65-Tb-148m



MAT 6493

(n,He3) Levels  
293 Kelvin Cross Sections

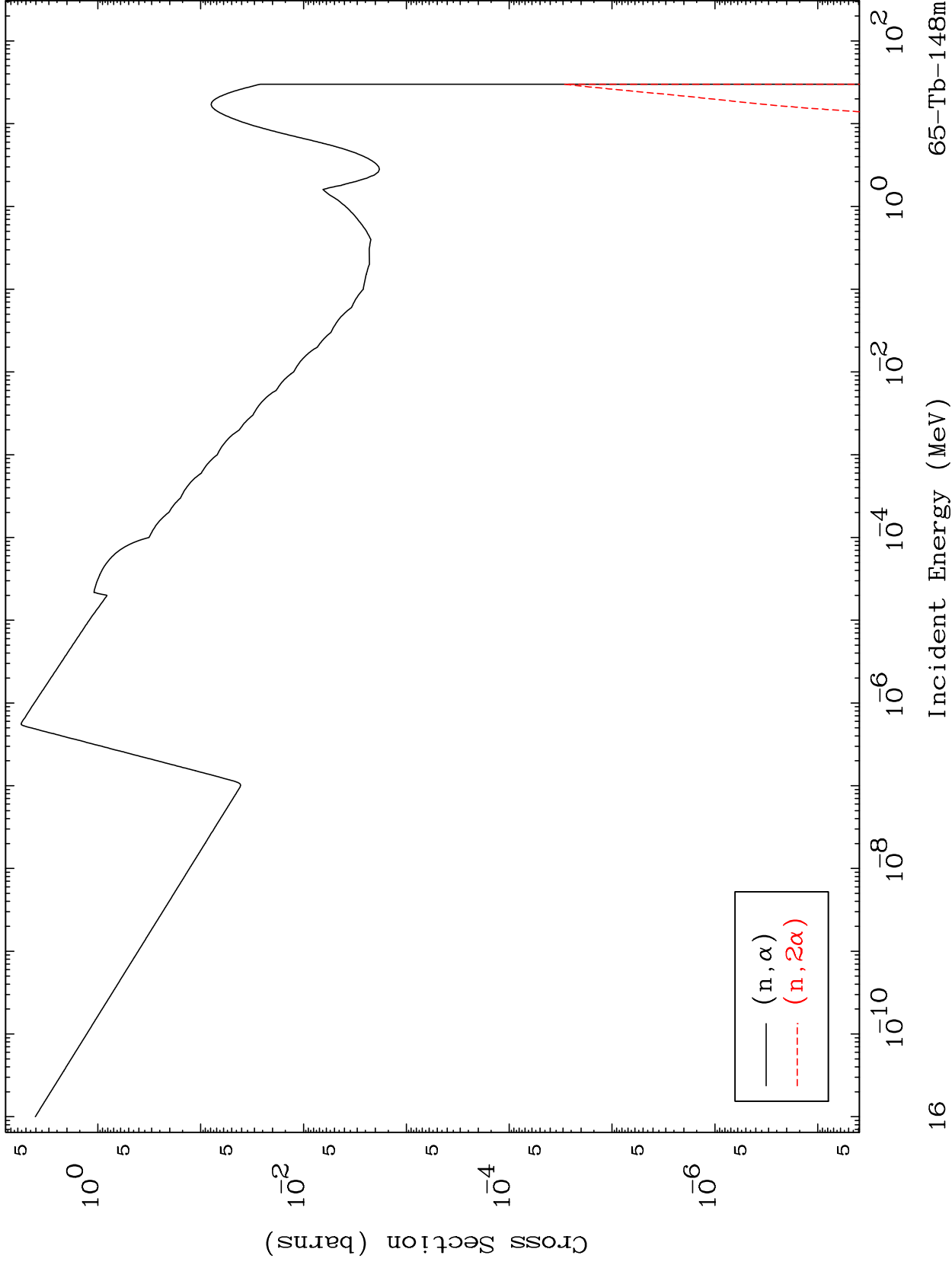
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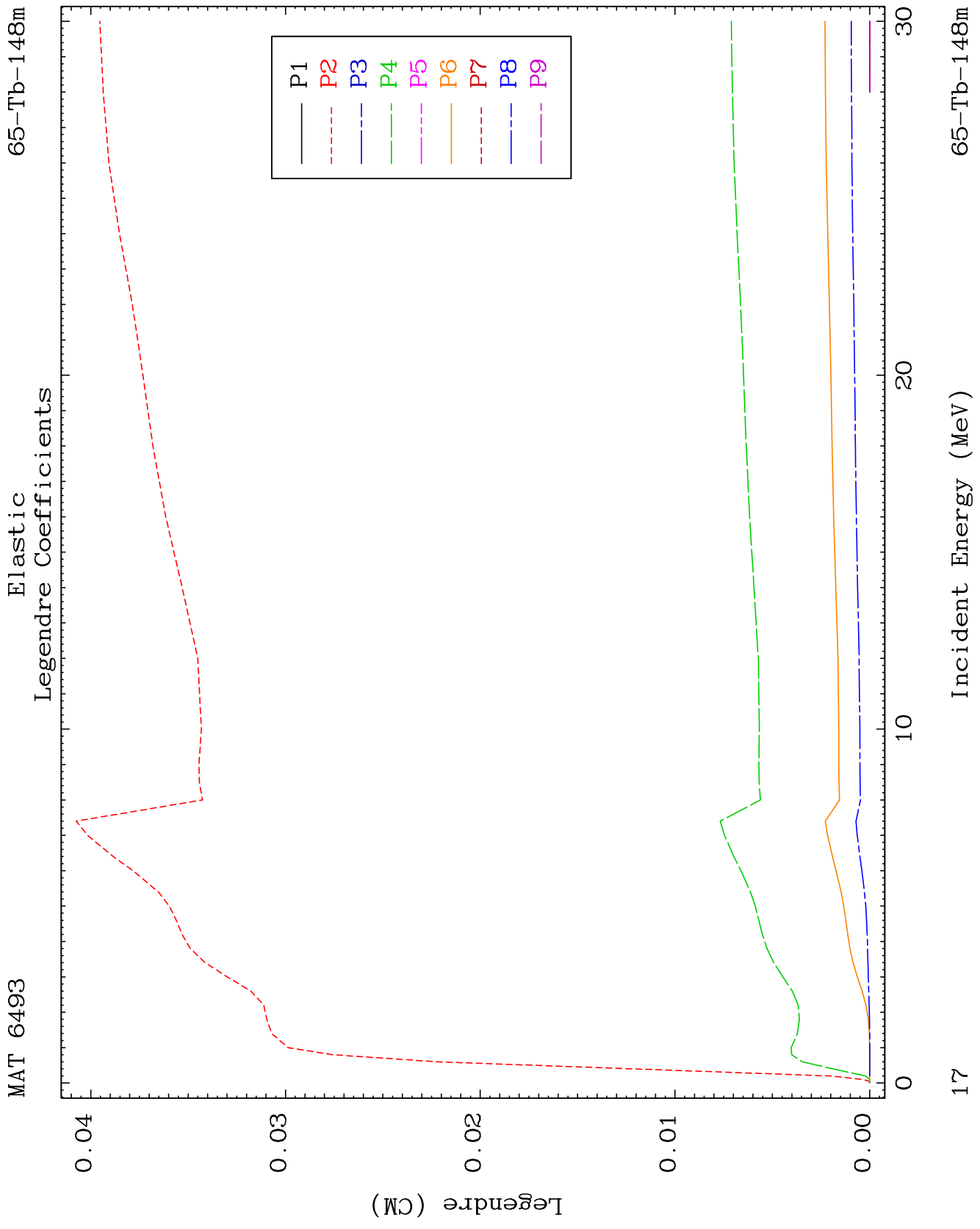


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(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

65-Tb-148m





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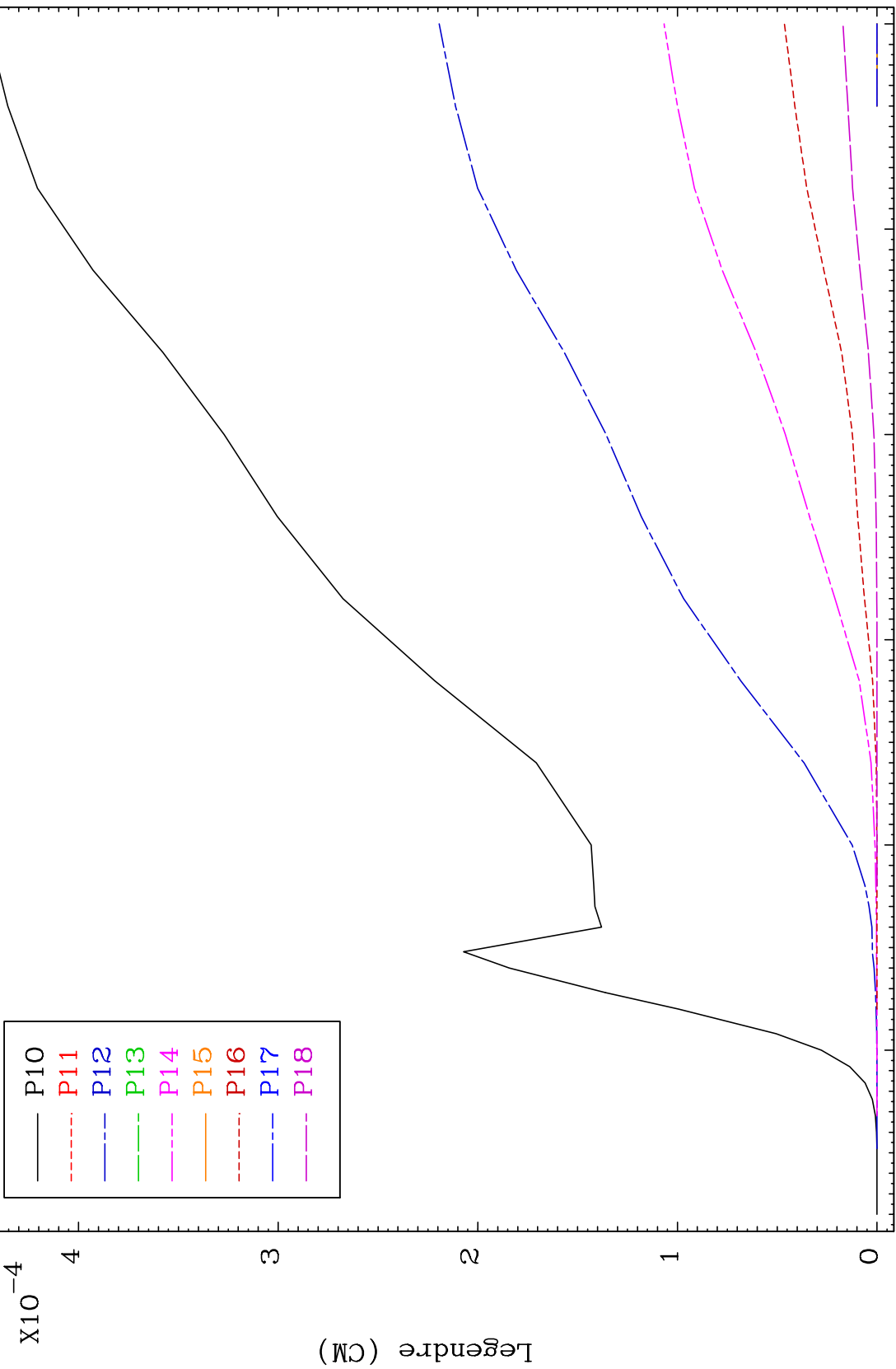
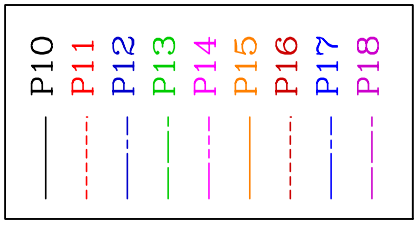
17

65-Tb-148m

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Elastic Legendre Coefficients

65-Tb-148m



18

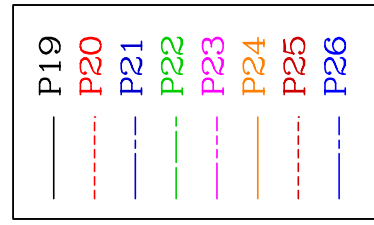
Incident Energy (MeV)

65-Tb-148m

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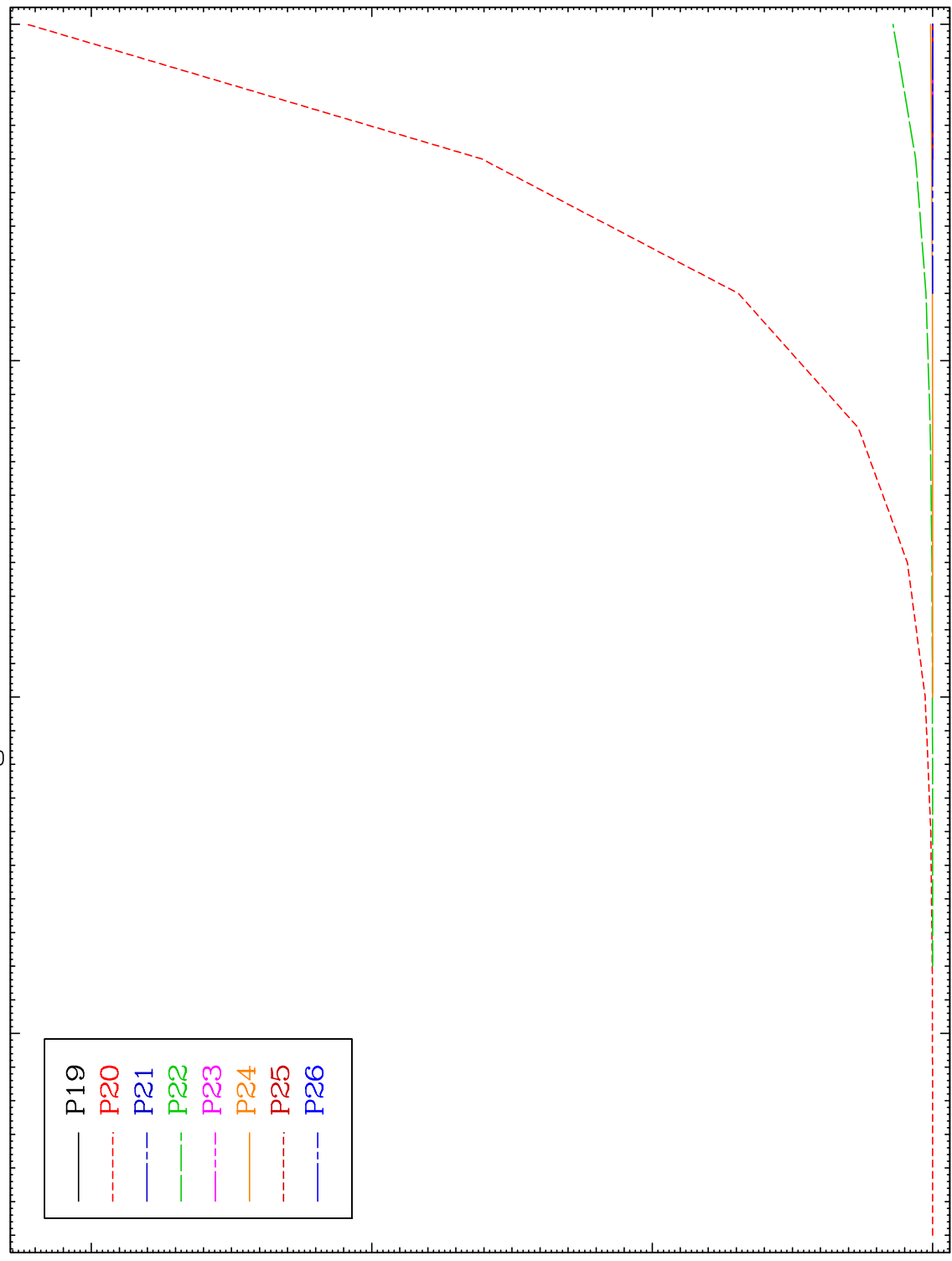
Elastic  
Legendre Coefficients

65-Tb-148m



$\times 10^{-6}$

Legendre (CM)



19

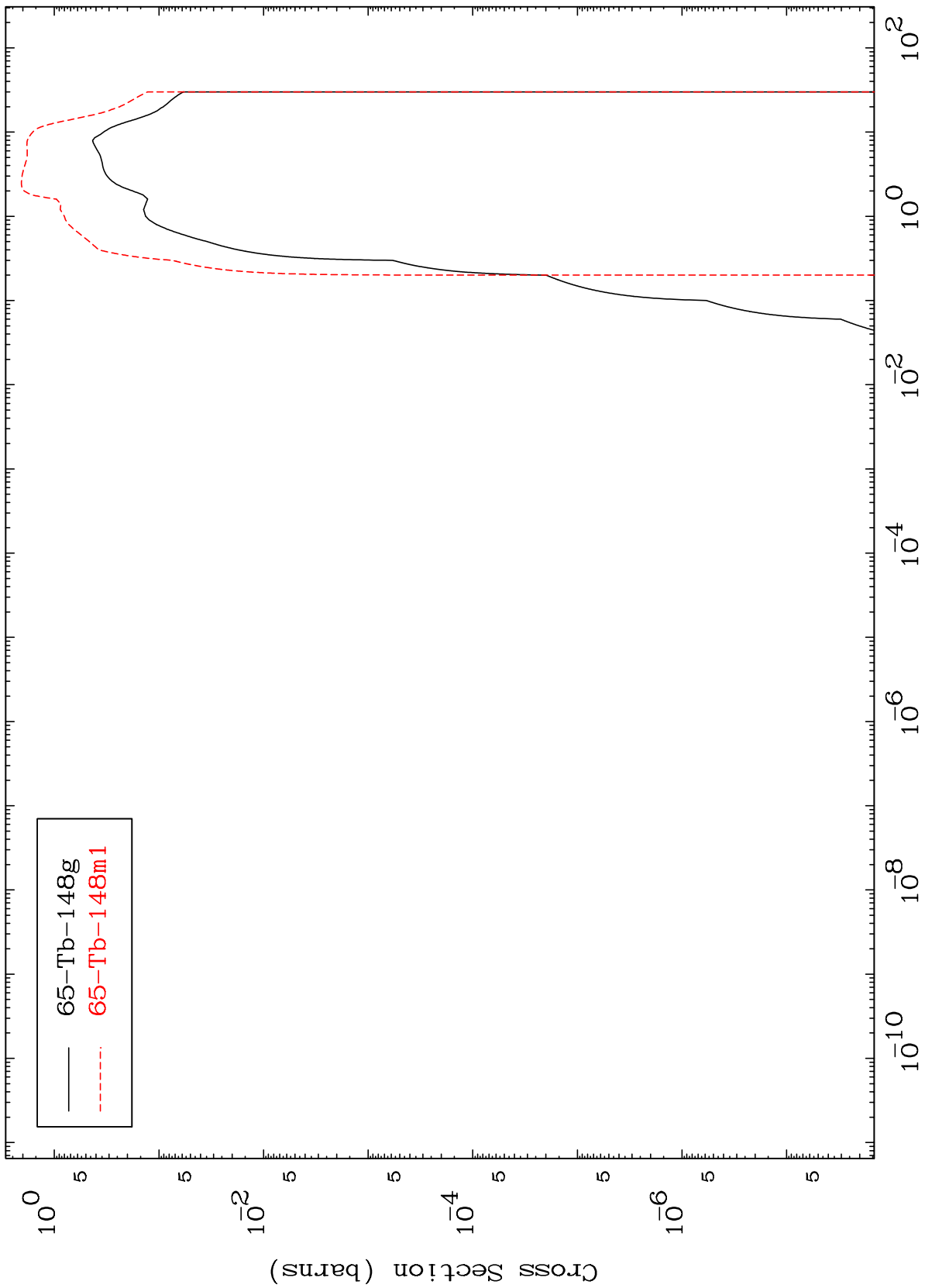
Incident Energy (MeV)

65-Tb-148m

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65-Tb-148m

Inelastic  
Radionuclide Production Cross Section

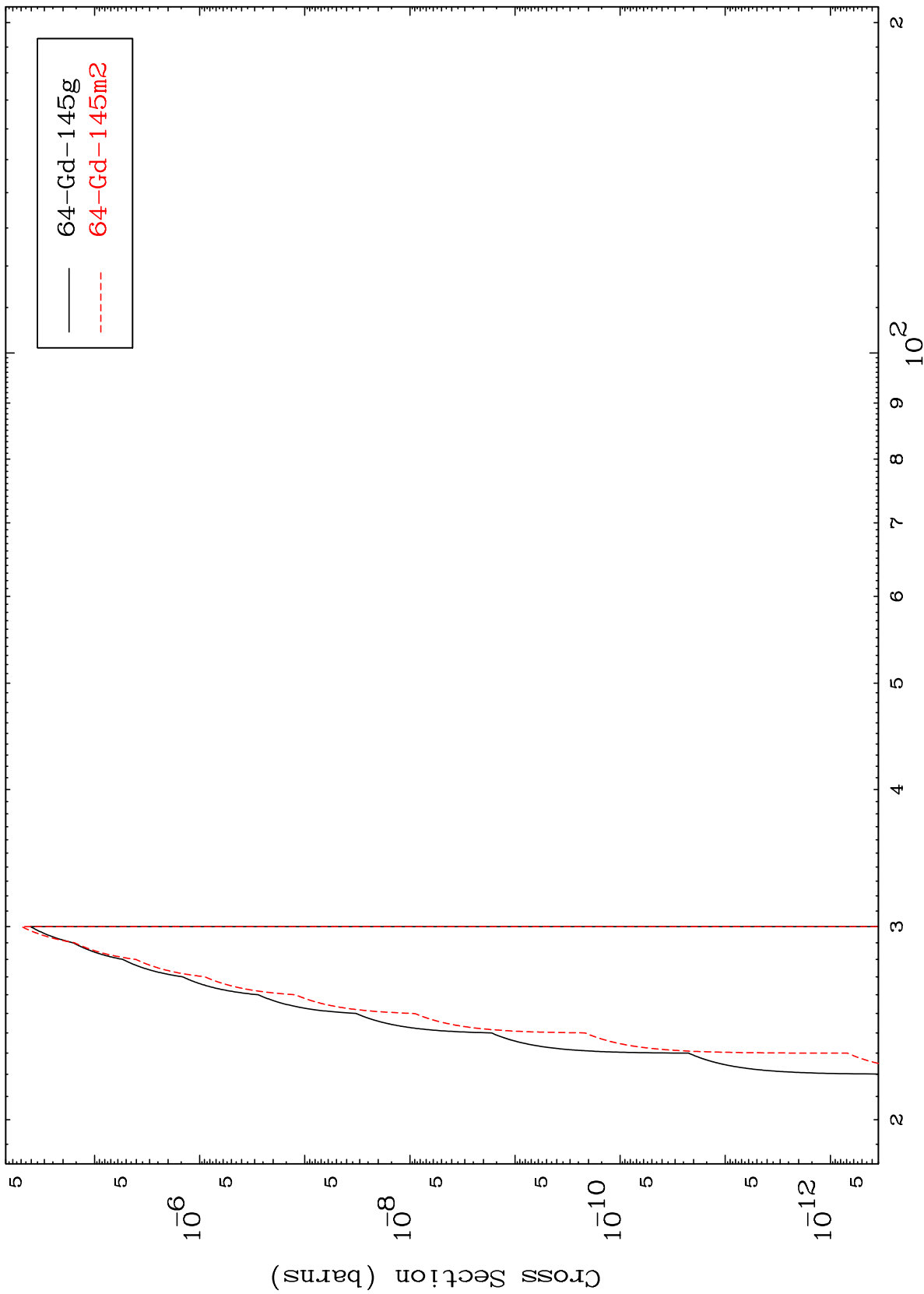


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(n,2n) d

65-Tb-148m

Radionuclide Production Cross Section



64-Gd-145g  
64-Gd-145m2

21

Incident Energy (MeV)

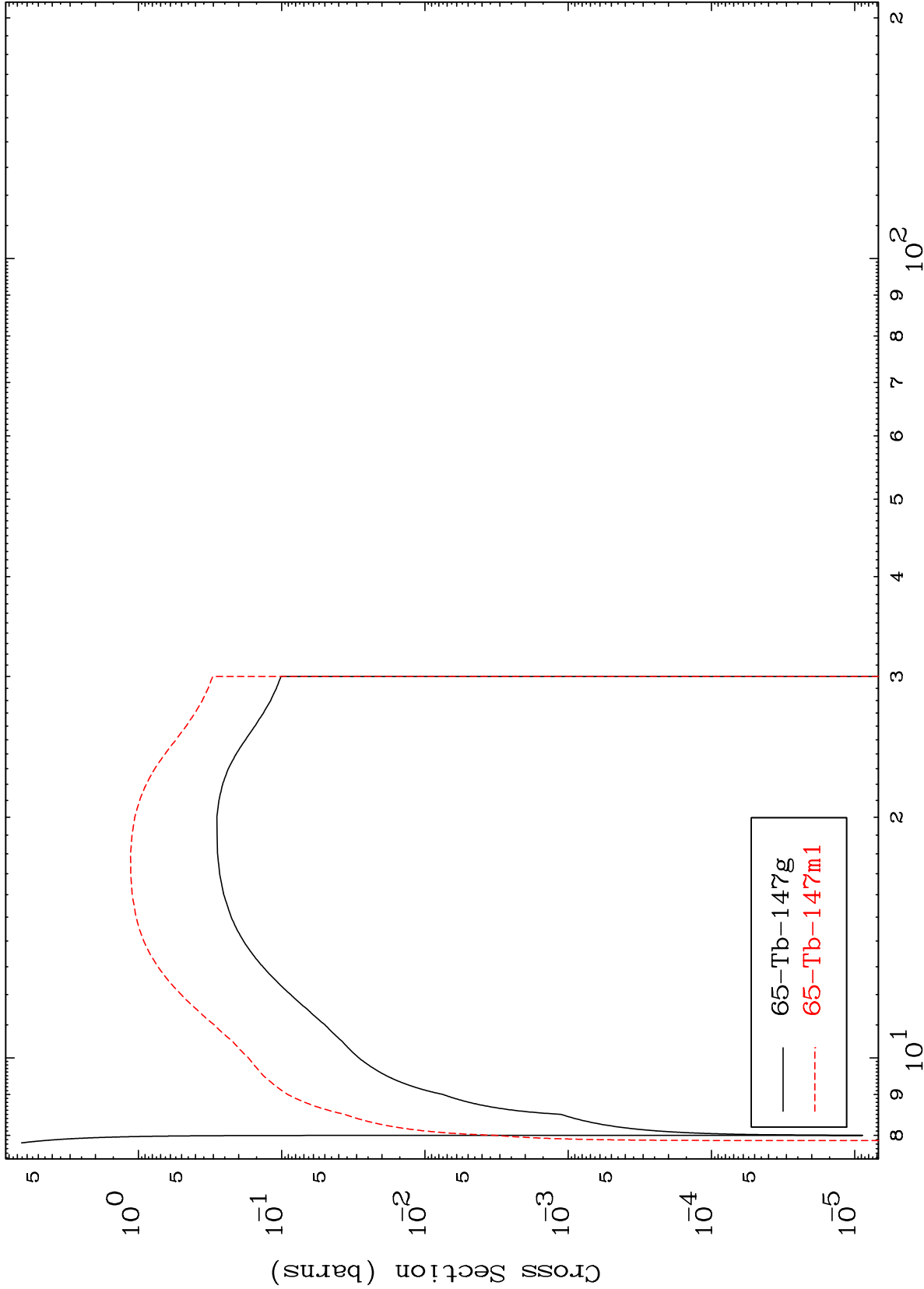
65-Tb-148m

MAT 6493

(n,2n)

65-Tb-148m

Radionuclide Production Cross Section



Incident Energy (MeV)

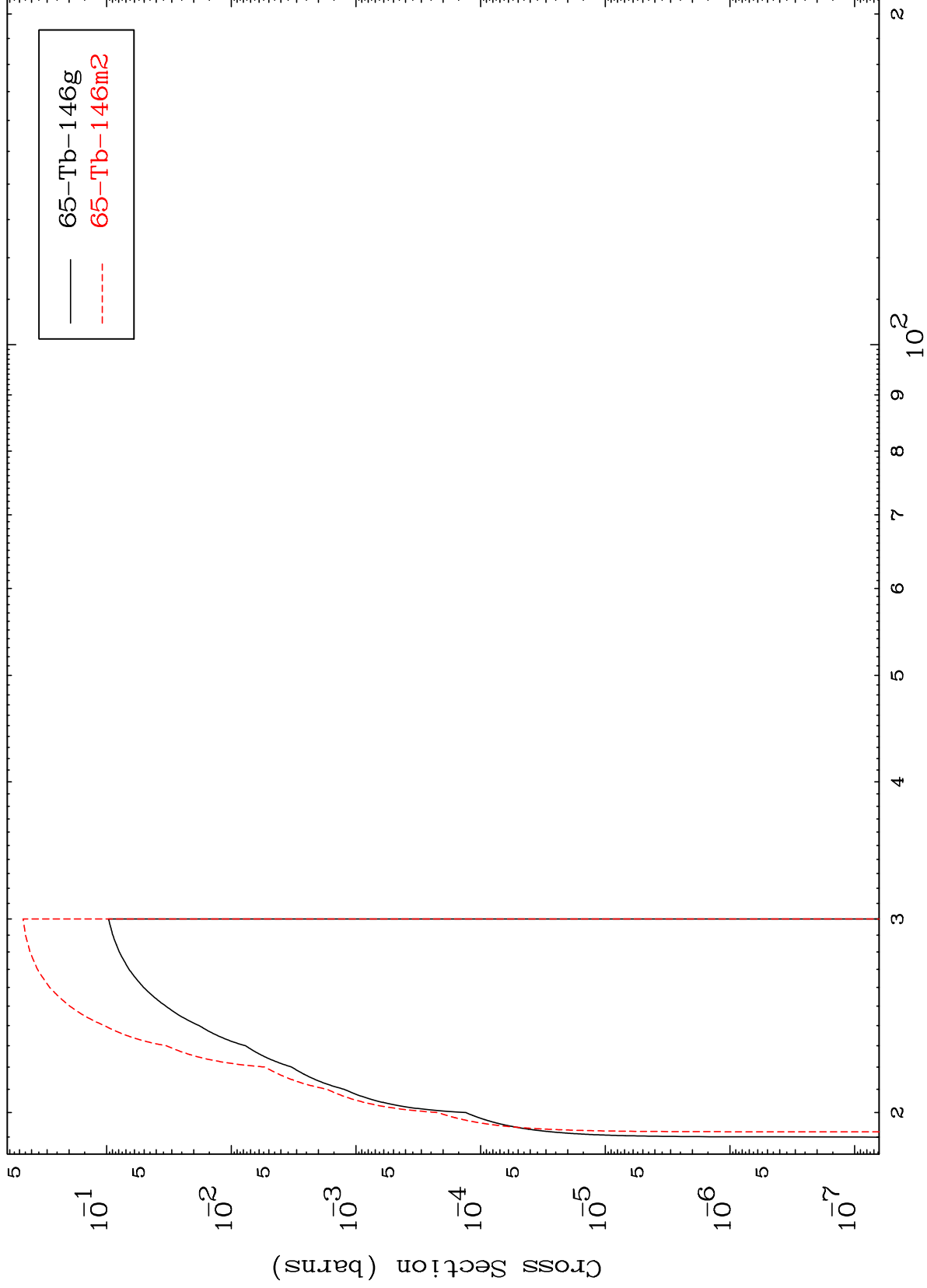
65-Tb-148m

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(n,3n)

65-Tb-148m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

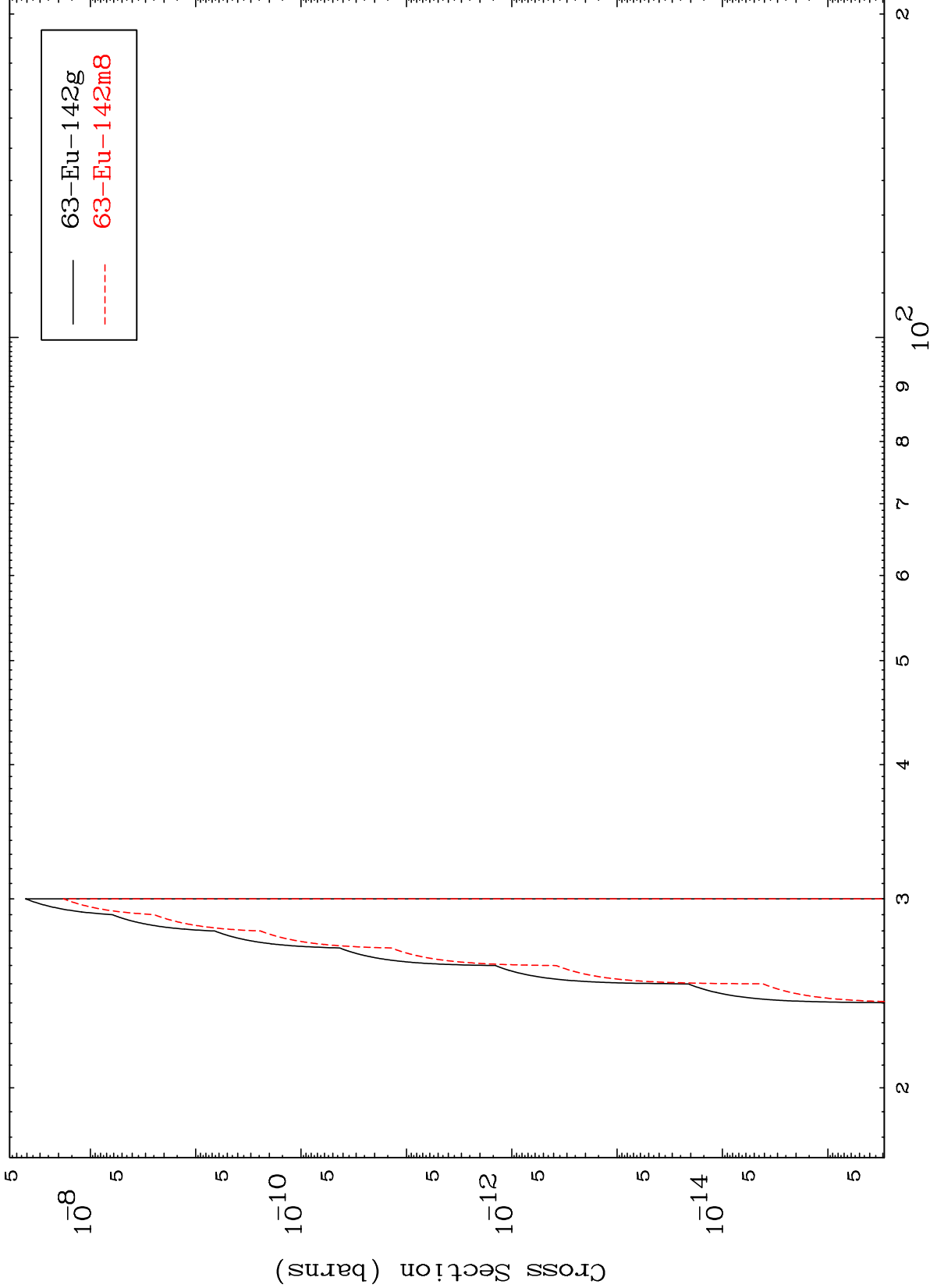
65-Tb-148m

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(n,3n)  $\alpha$

65-Tb-148m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

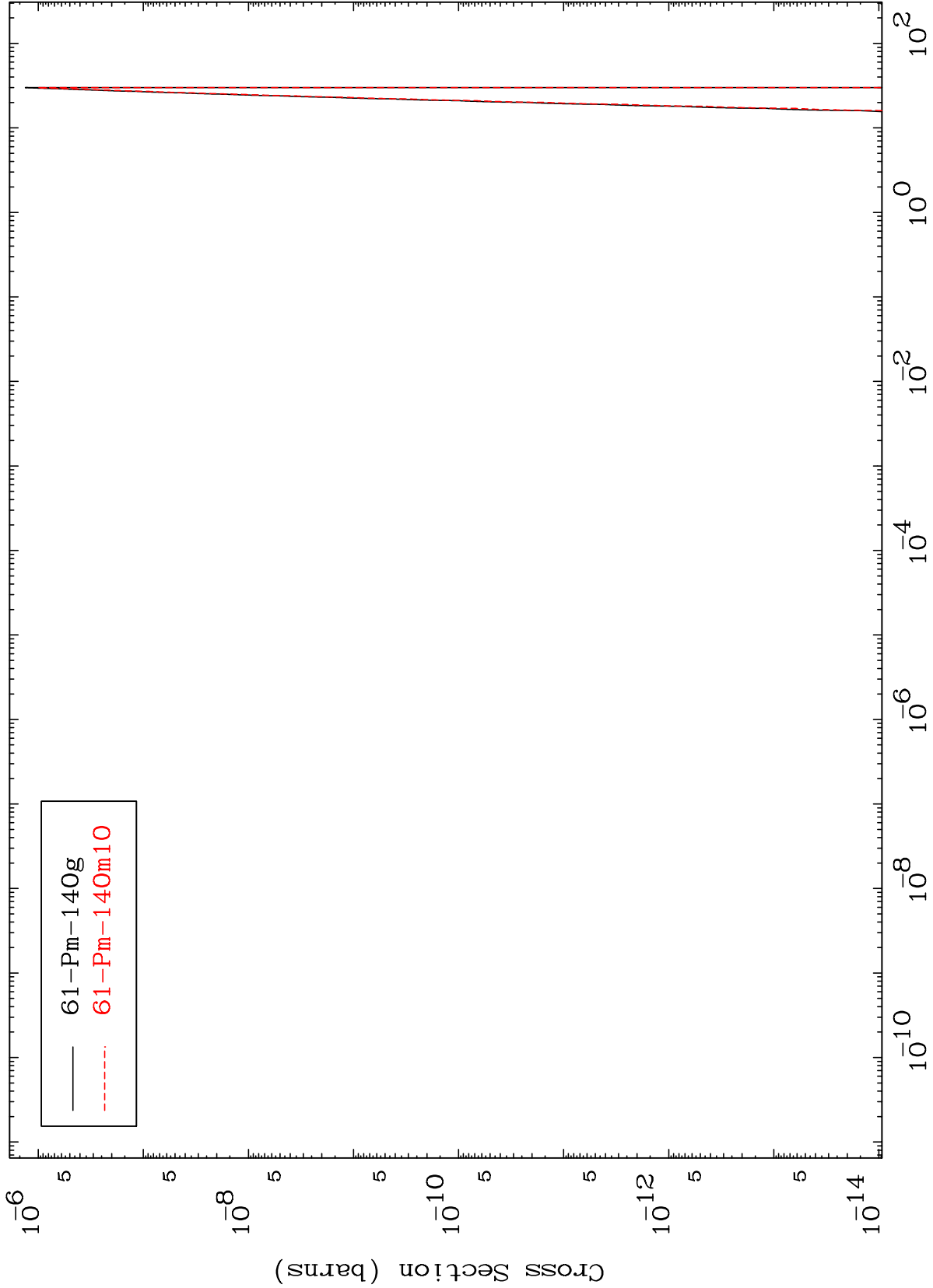
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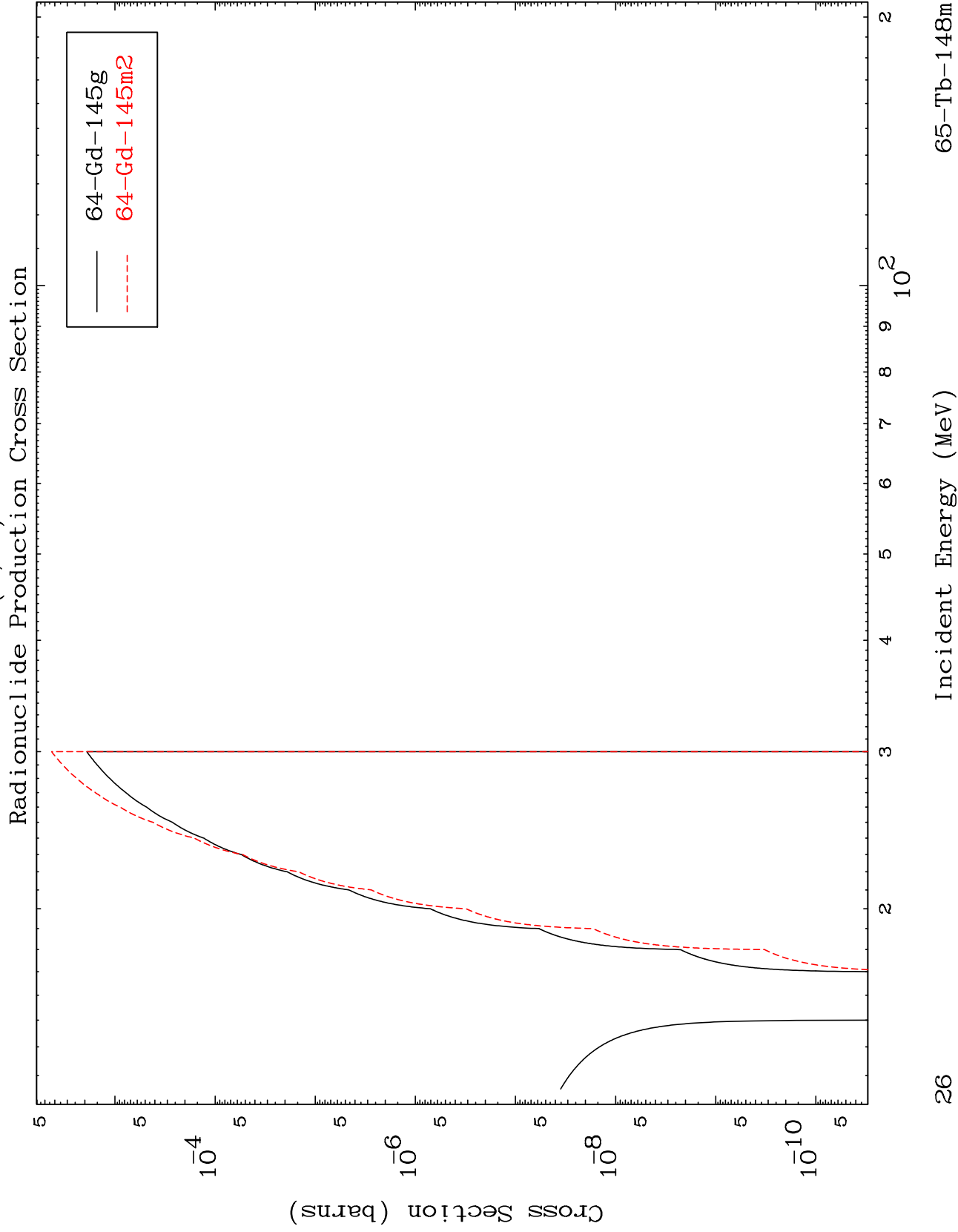
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(n,n') 2 $\alpha$

65-Tb-148m

Radionuclide Production Cross Section



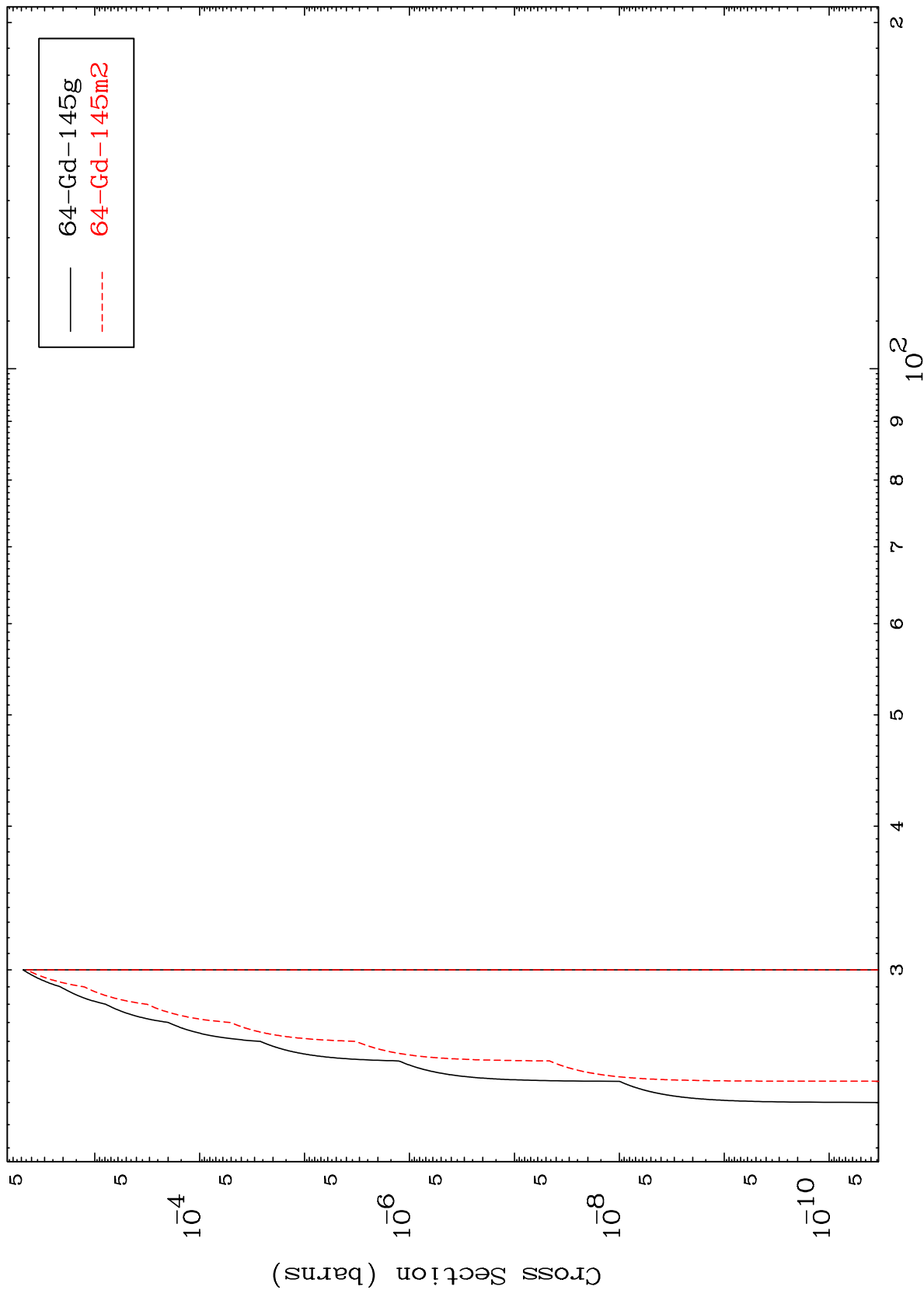


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(n,3n) p

65-Tb-148m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

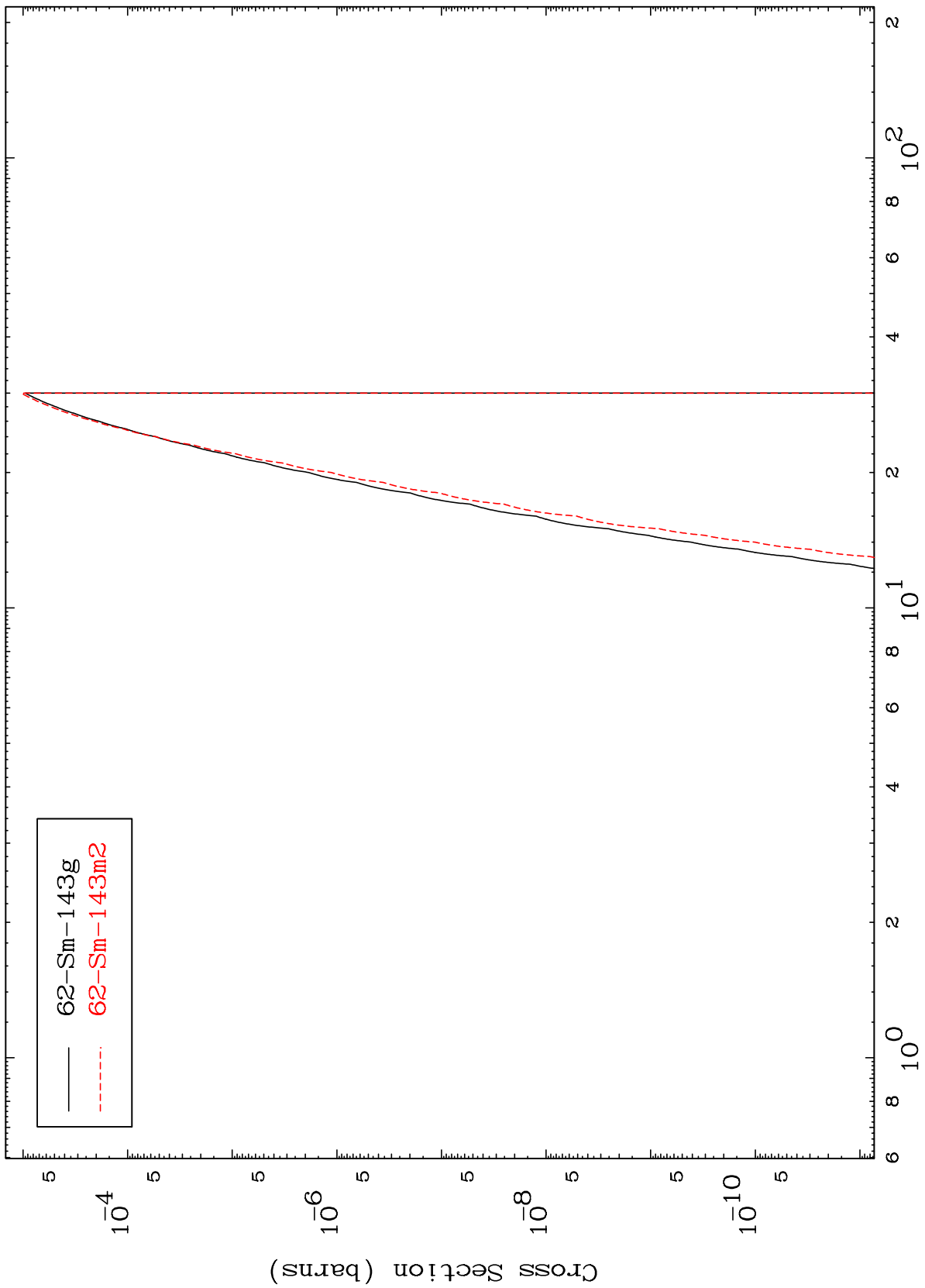
65-Tb-148m

MAT 6493

(n,n') p  $\alpha$

65-Tb-148m

Radionuclide Production Cross Section



62-Sm-143g  
62-Sm-143m2

28

Incident Energy (MeV)

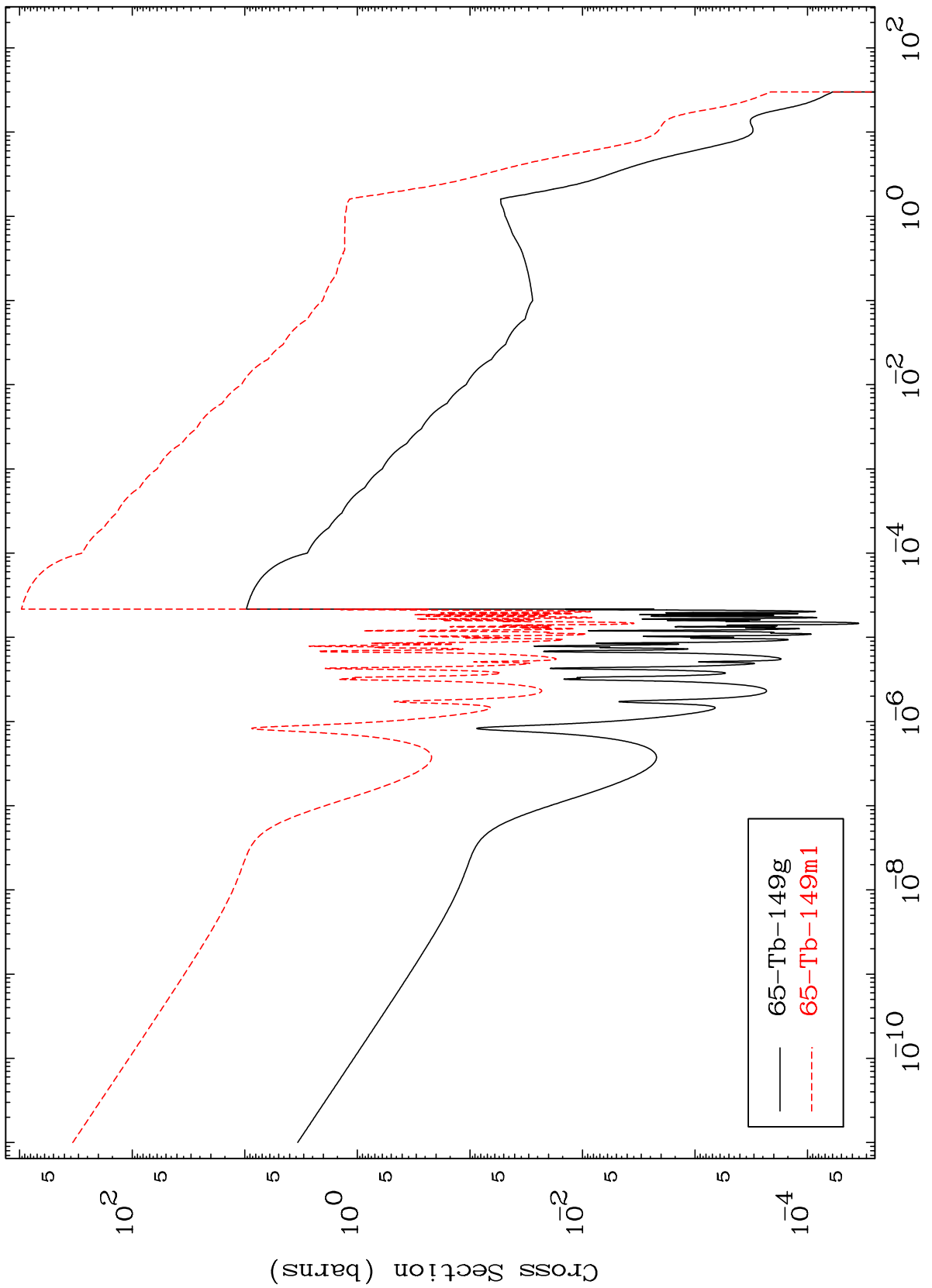
65-Tb-148m

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65-Tb-148m

Radionuclide Production Cross Section

(n,  $\gamma$ )



MAT 6493

(n,d)  $\alpha$

65-Tb-148m

Radionuclide Production Cross Section

