

Program EVALPLOT  
(Version 2017-1)

by

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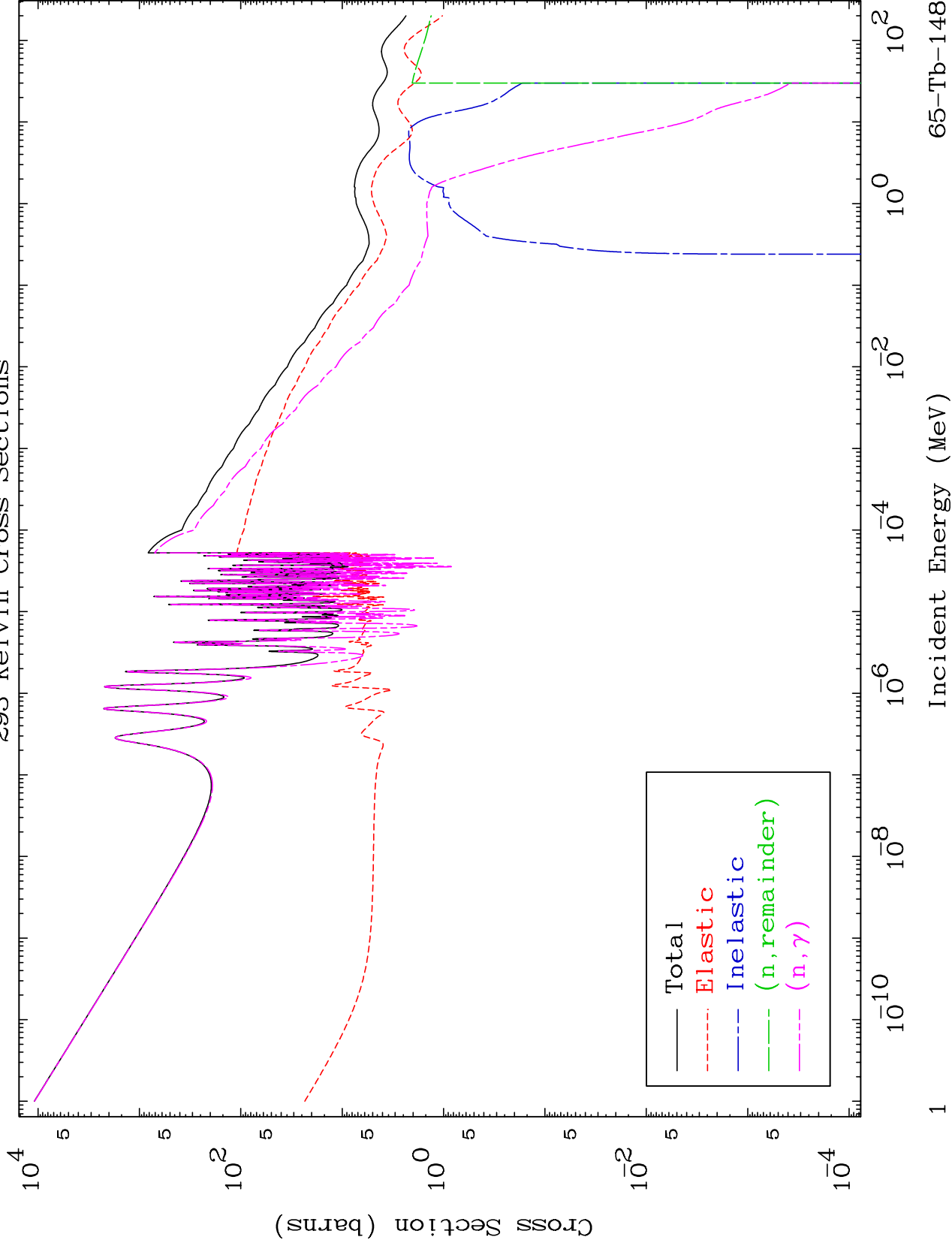
Press Mouse Button to Start

MAT 6493

Major

293 Kelvin Cross Sections

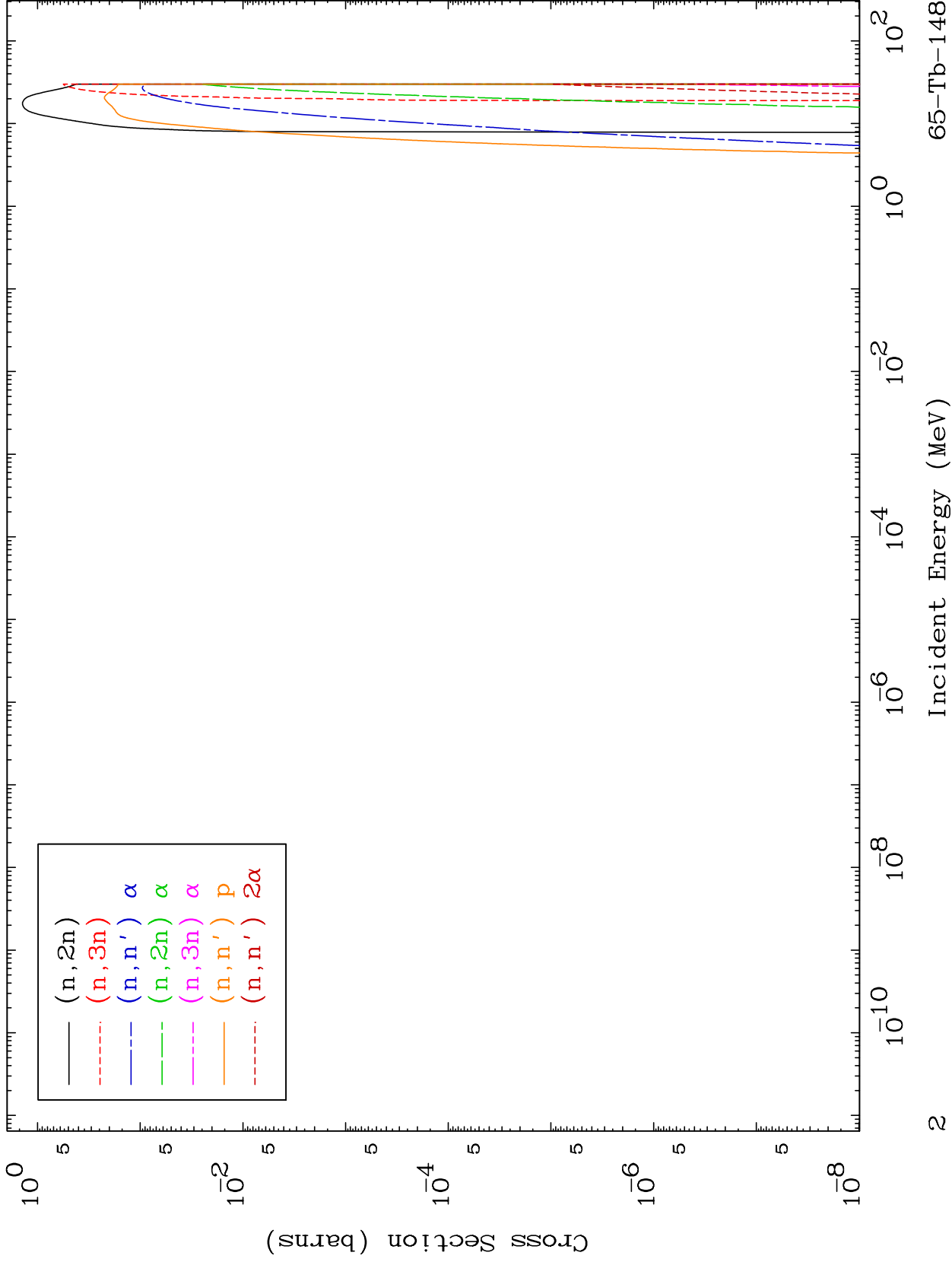
65-Tb-148



MAT 6493

Neutron Production  
293 Kelvin Cross Sections

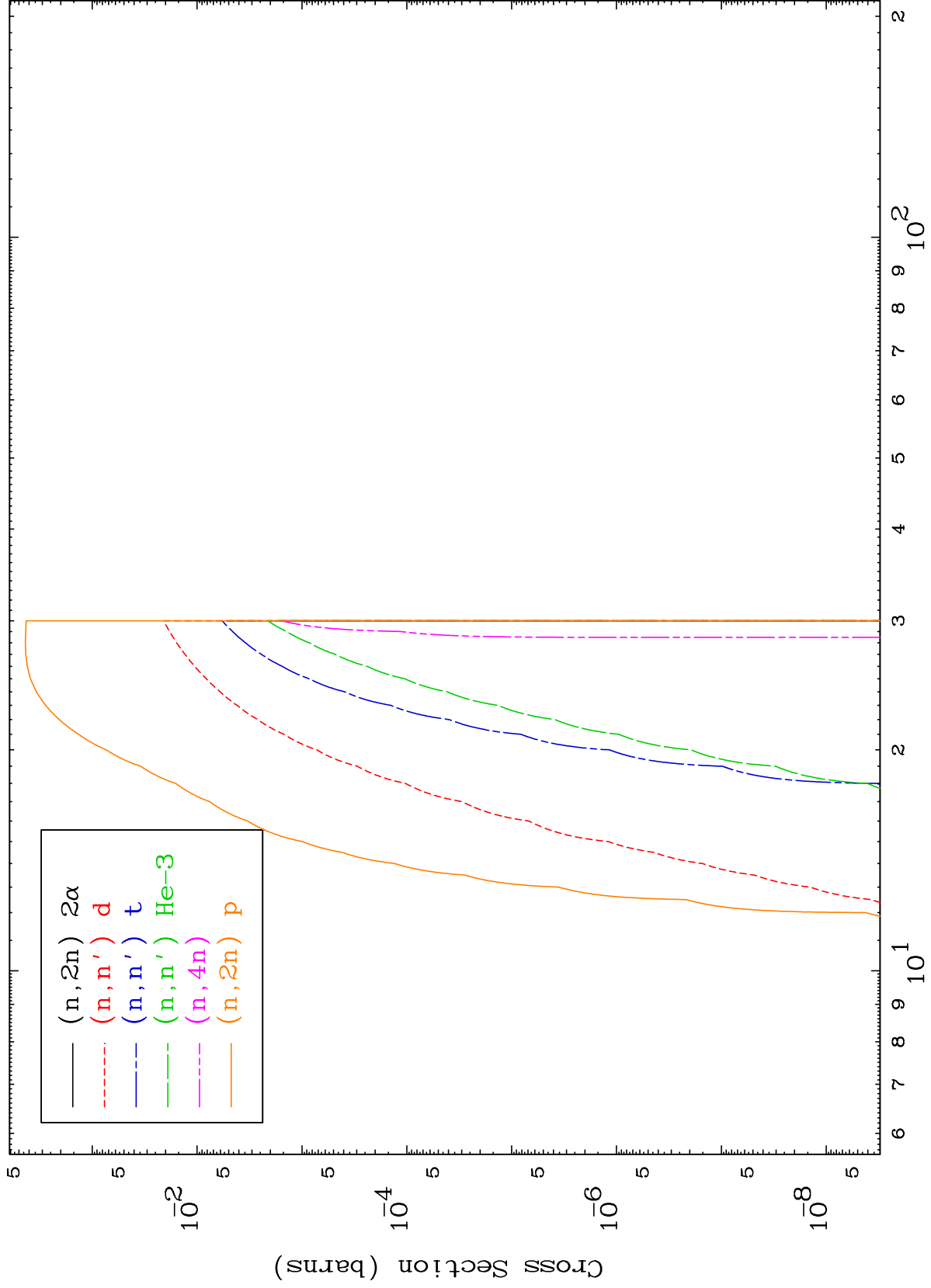
65-Tb-148



MAT 6493

Neutron Production  
293 Kelvin Cross Sections

65-Tb-148



3

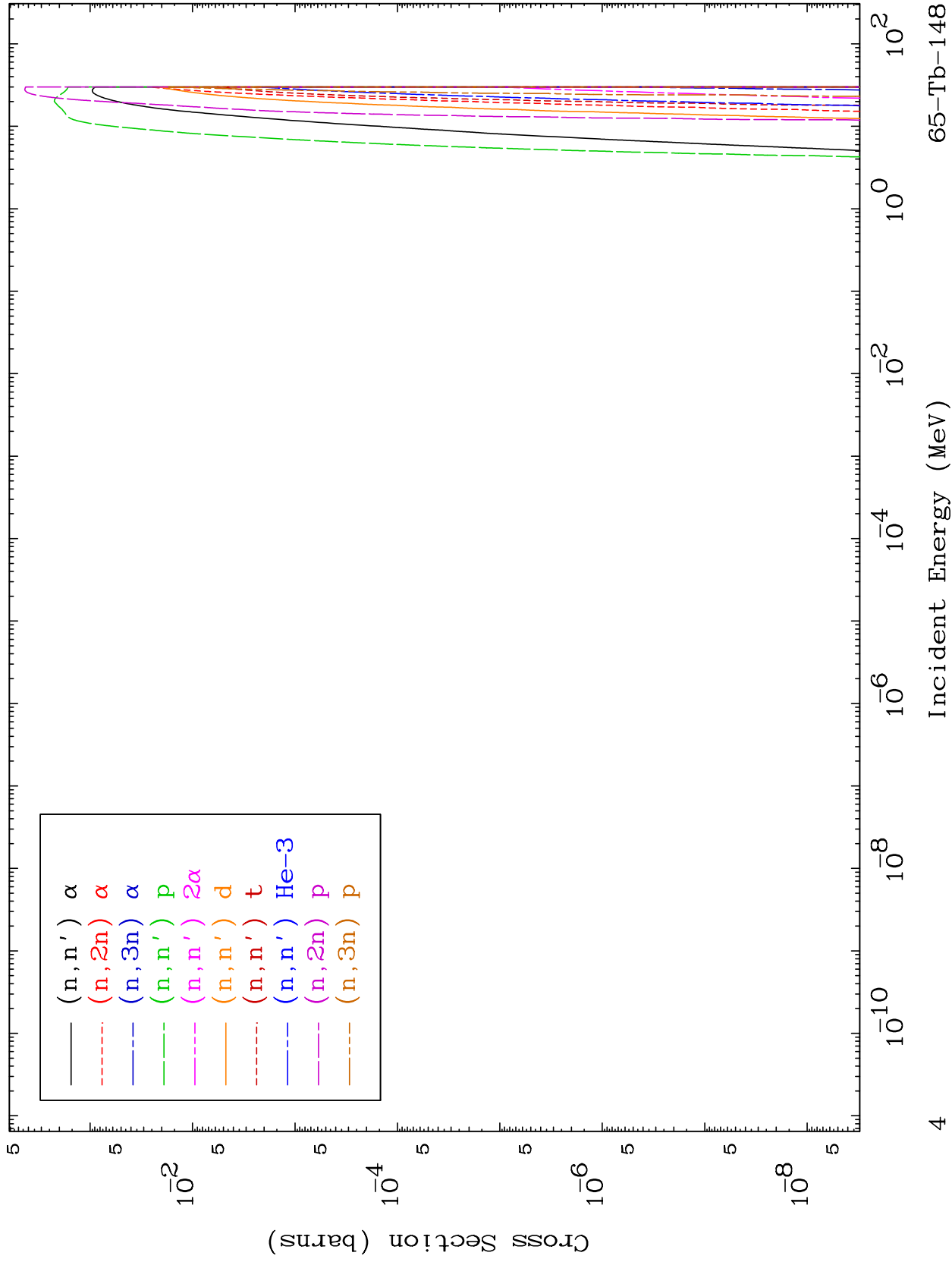
Incident Energy (MeV)

65-Tb-148

MAT 6493

Charged Particle  
293 Kelvin Cross Sections

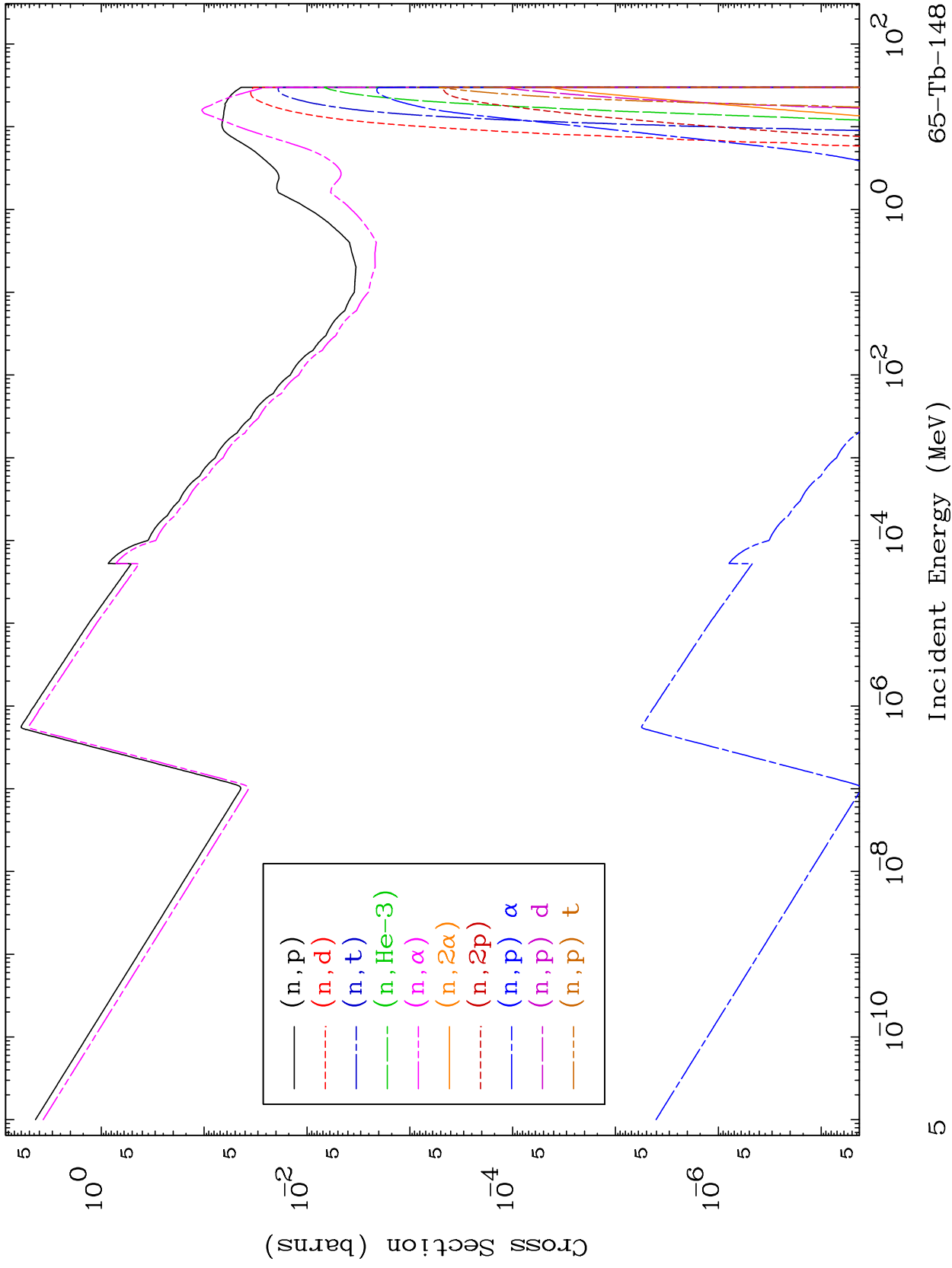
65-Tb-148



MAT 6493

Charged Particle  
293 Kelvin Cross Sections

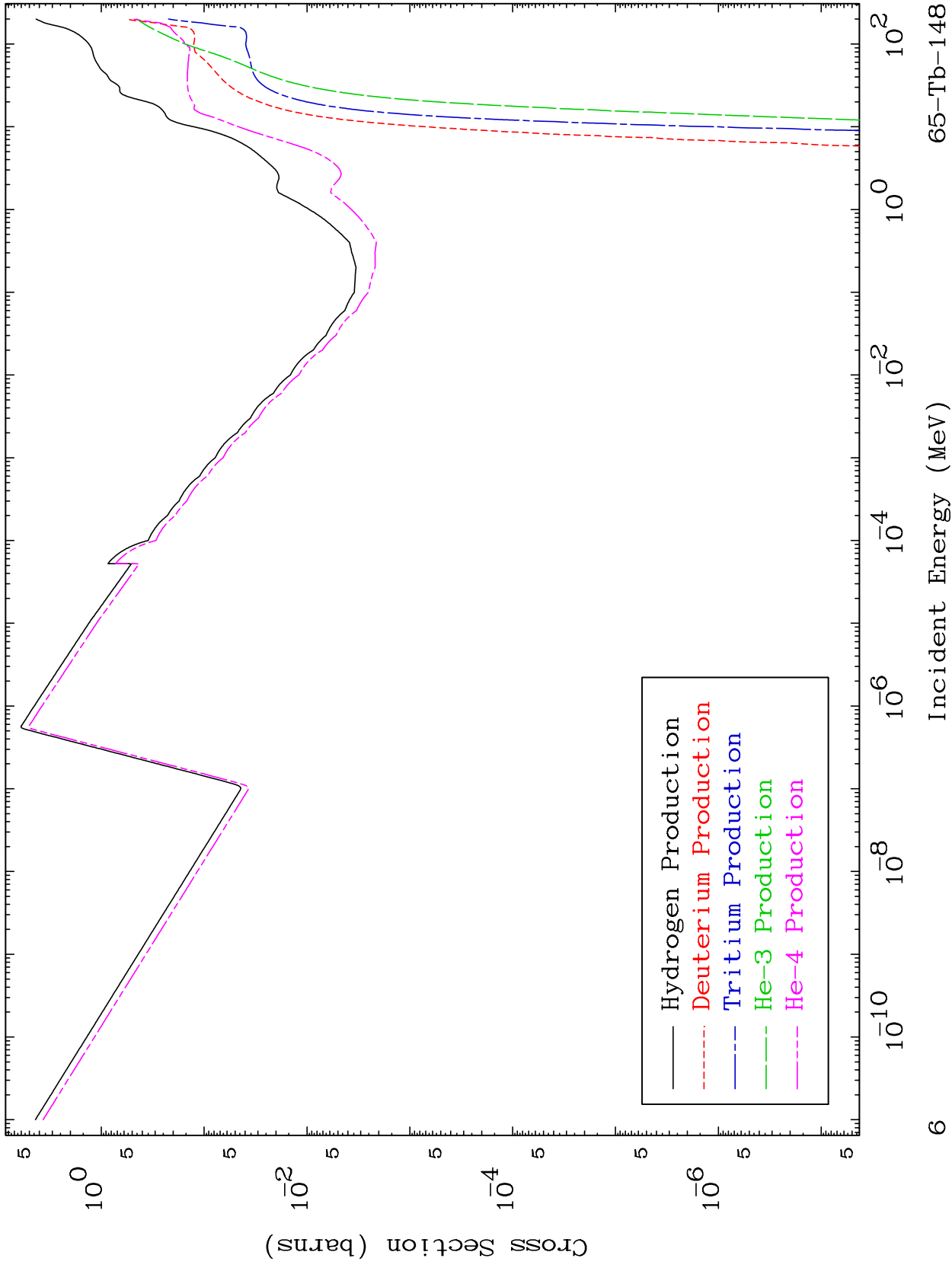
65-Tb-148



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Particle Production  
293 Kelvin Cross Sections

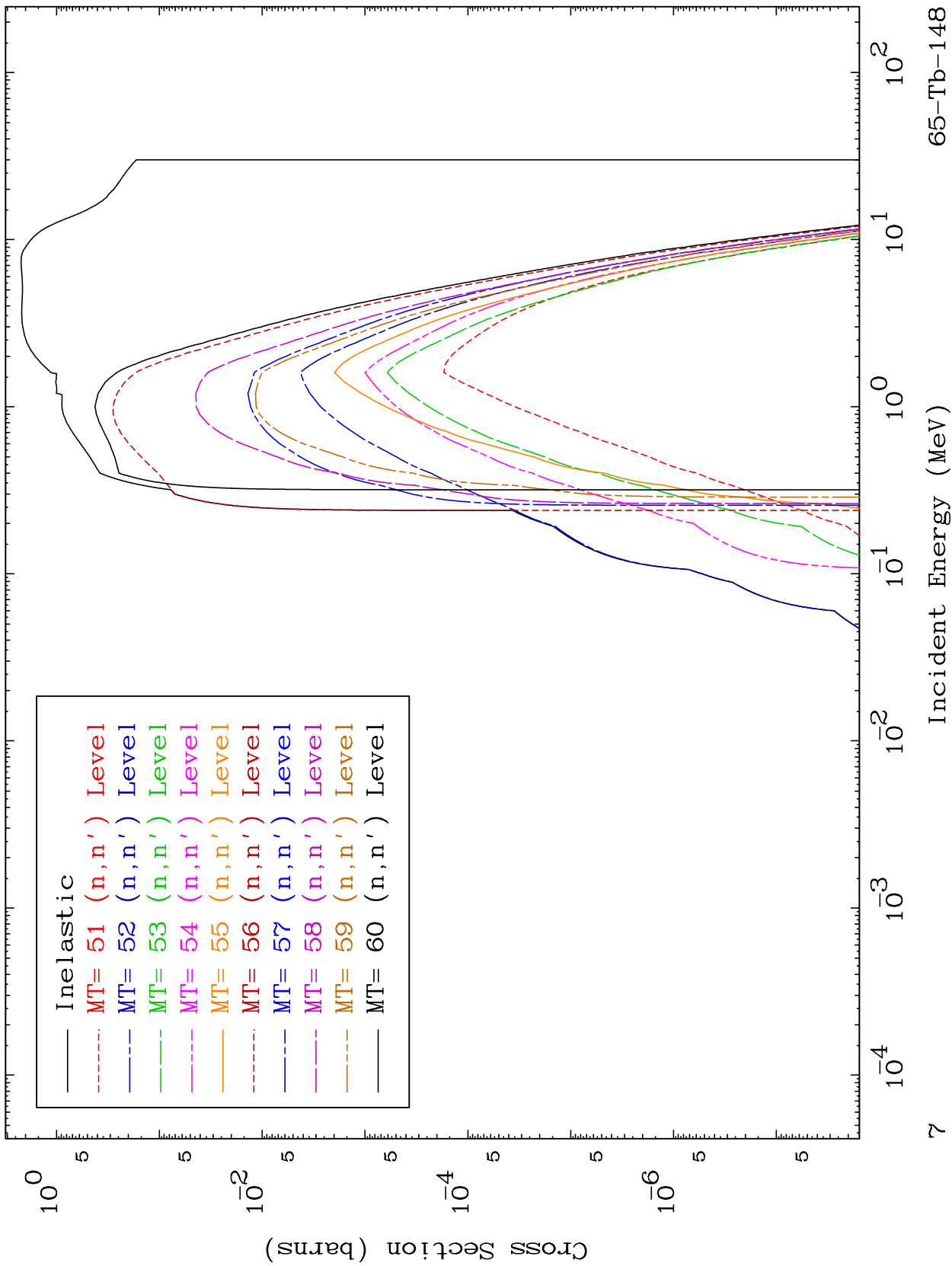
65-Tb-148



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293 Kelvin Cross Sections  
(n,n') Level

65-Tb-148



65-Tb-148

Incident Energy (MeV)

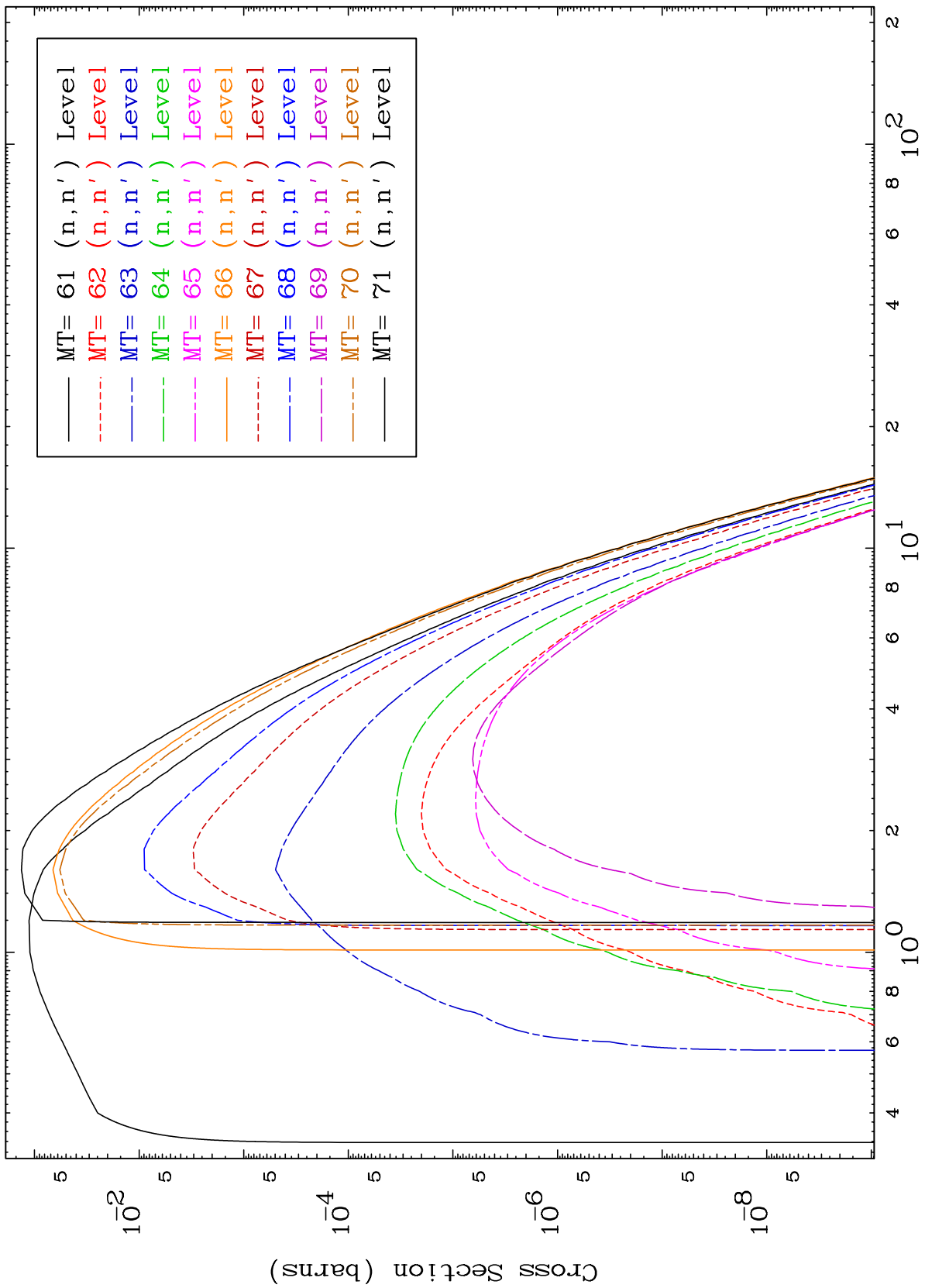


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(n,n') Level

65-Tb-148

293 Kelvin Cross Sections

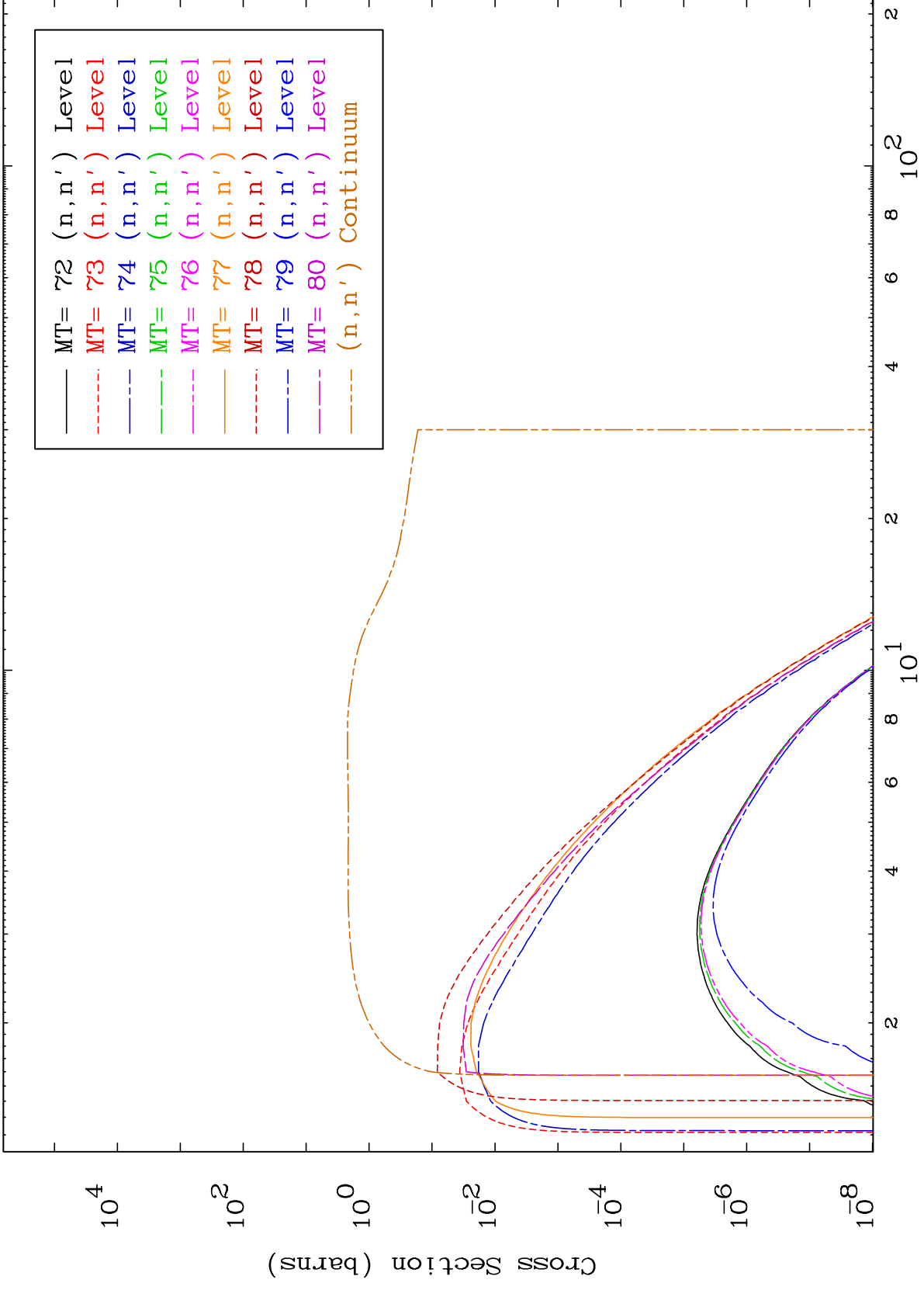


Incident Energy (MeV)

65-Tb-148

8

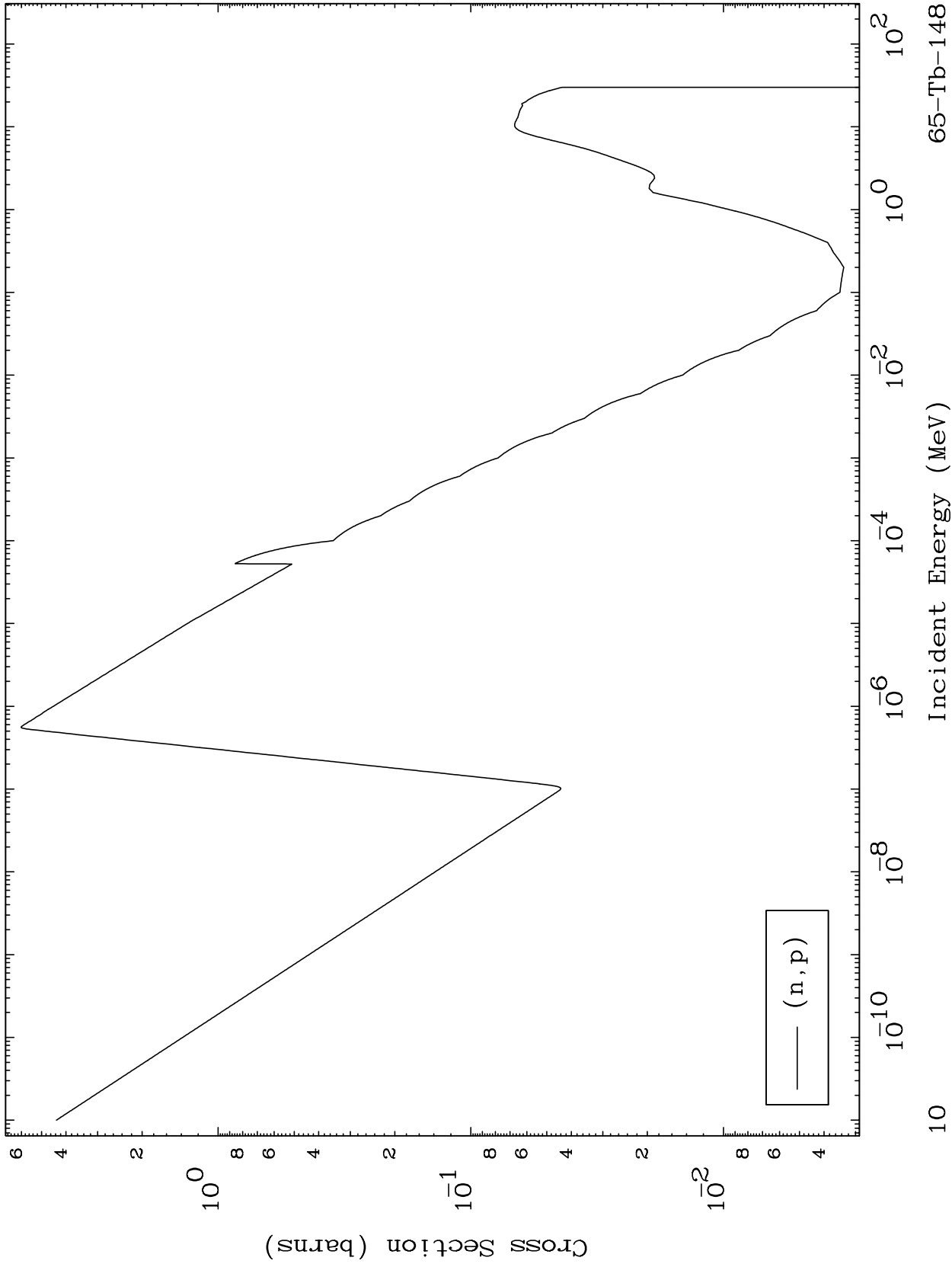
293 Kelvin Cross Sections



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(n,p) Levels  
293 Kelvin Cross Sections

65-Tb-148



65-Tb-148

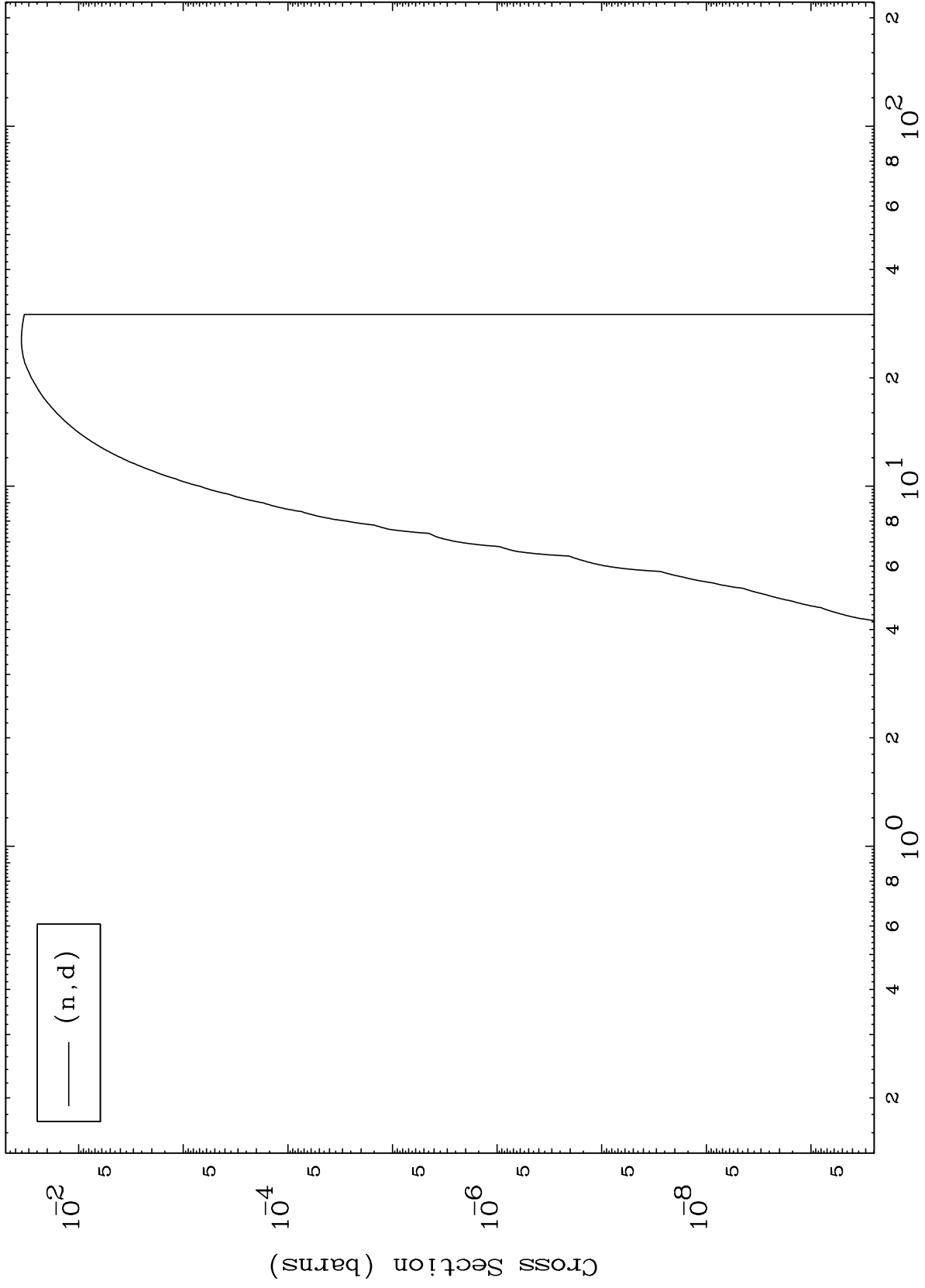
Incident Energy (MeV)

10

MAT 6493

(n,d) Levels  
293 Kelvin Cross Sections

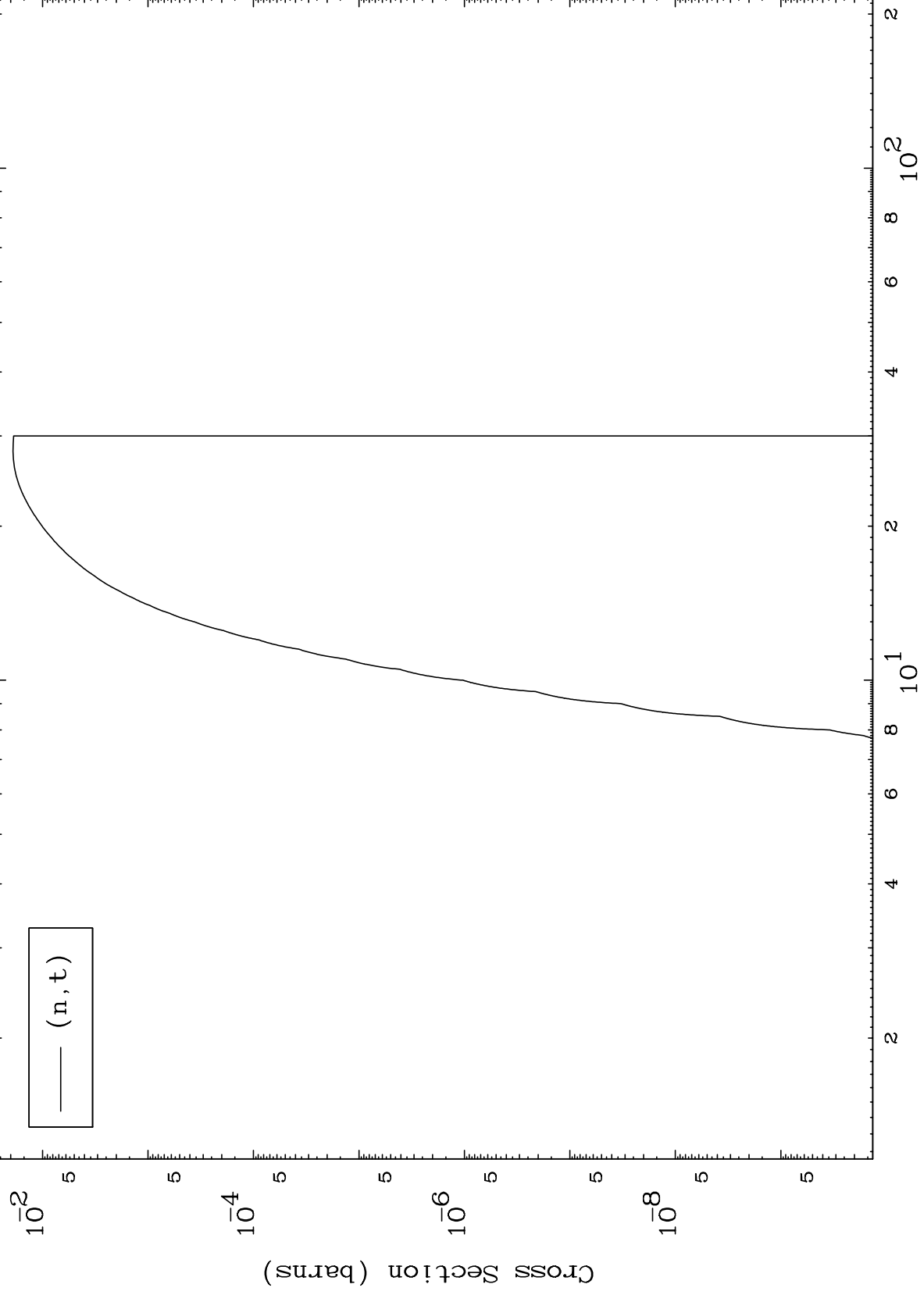
65-Tb-148



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(n,t) Levels  
293 Kelvin Cross Sections

65-Tb-148



12

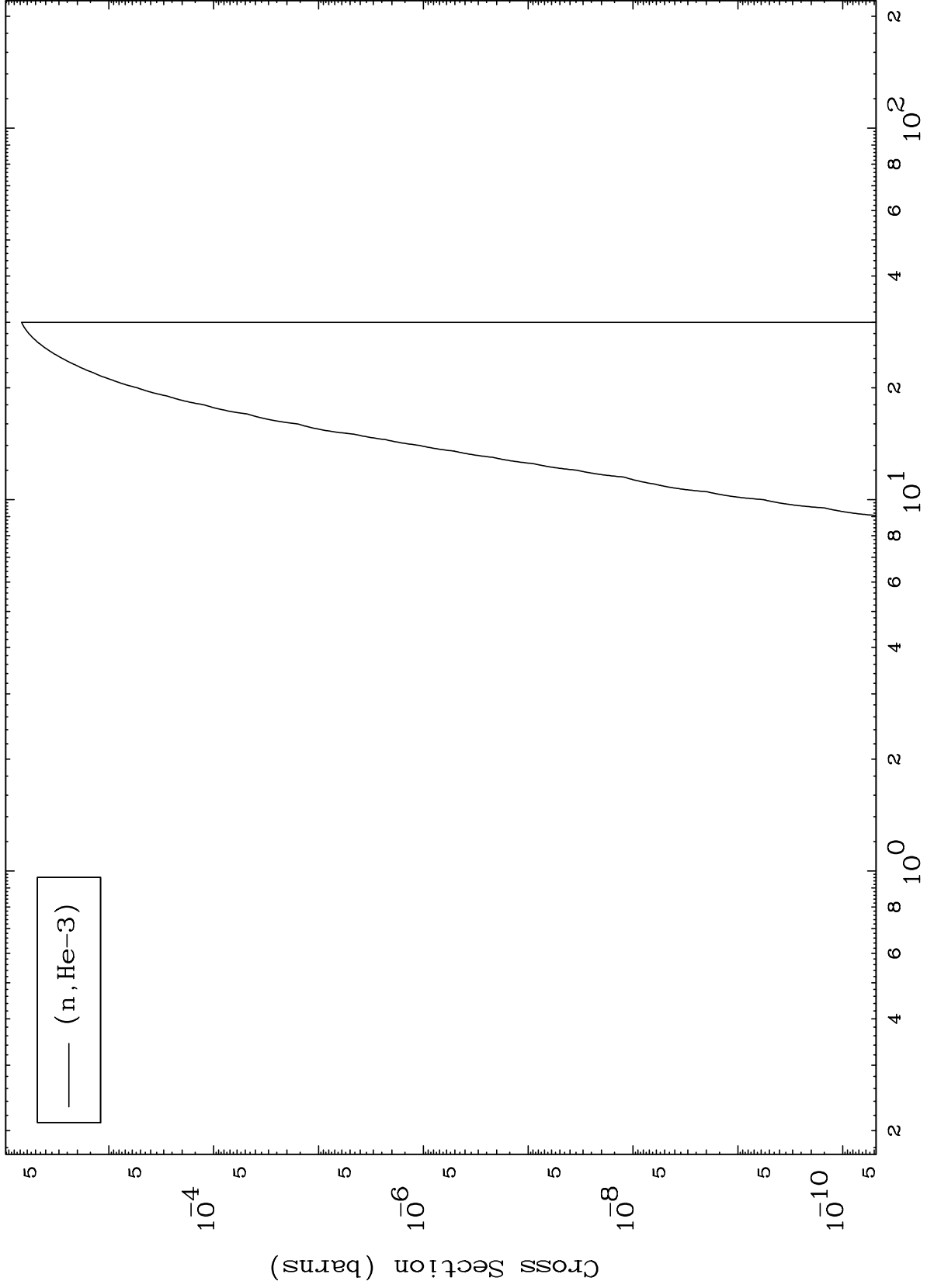
Incident Energy (MeV)

65-Tb-148

MAT 6493

(n,He3) Levels  
293 Kelvin Cross Sections

65-Tb-148



13

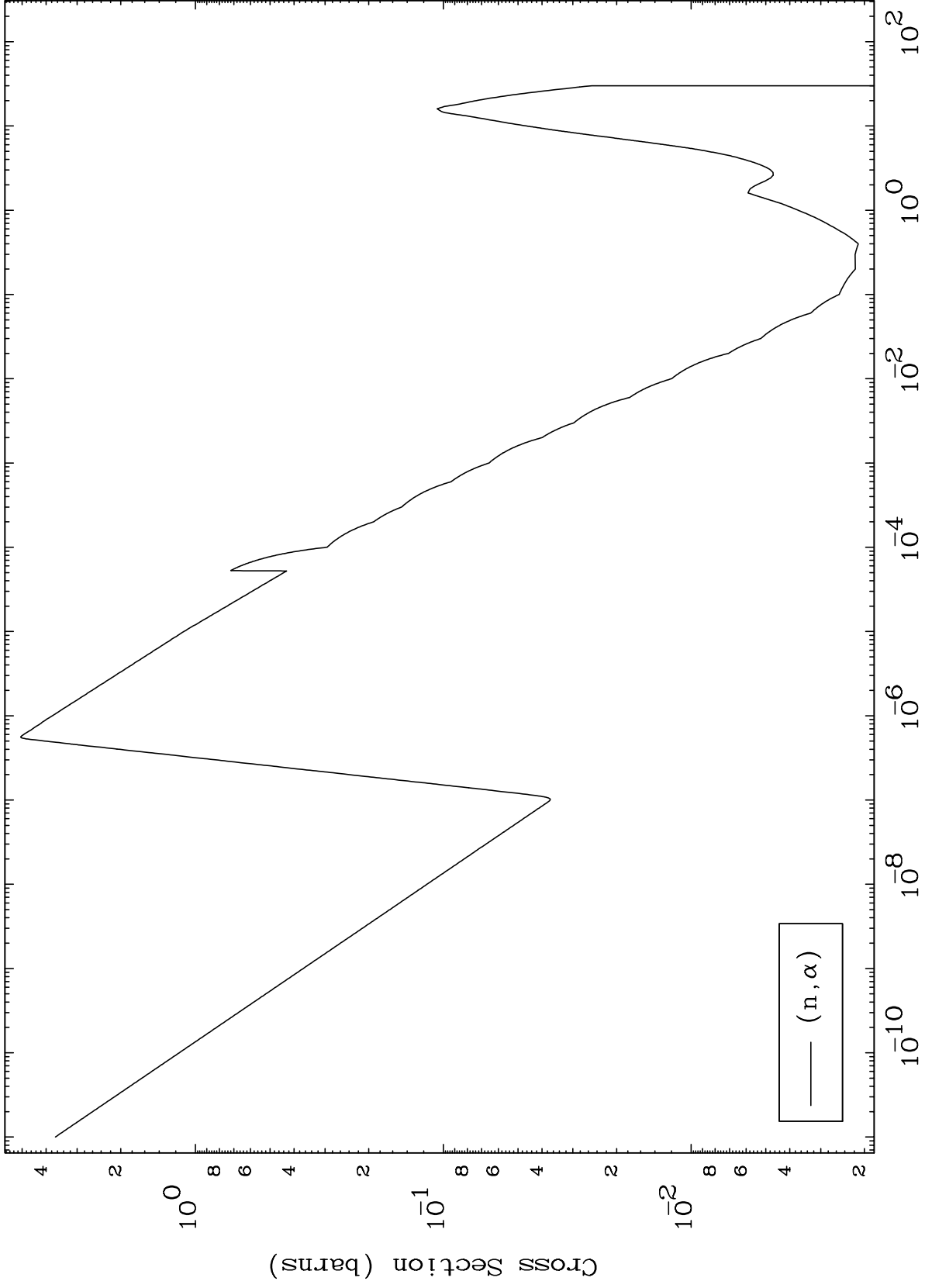
Incident Energy (MeV)

65-Tb-148

MAT 6493

(n,α) Levels  
293 Kelvin Cross Sections

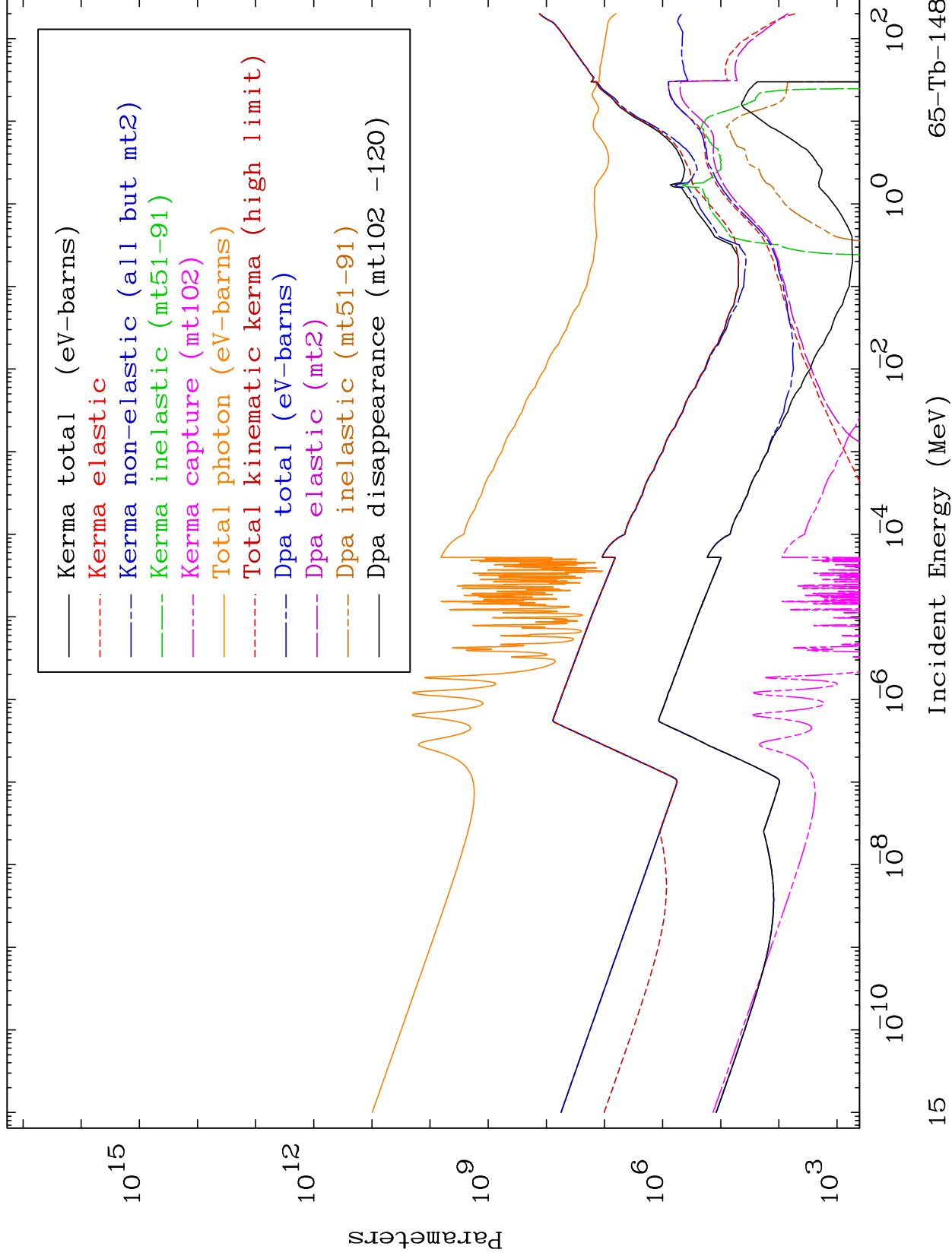
65-Tb-148



14

Incident Energy (MeV)

65-Tb-148



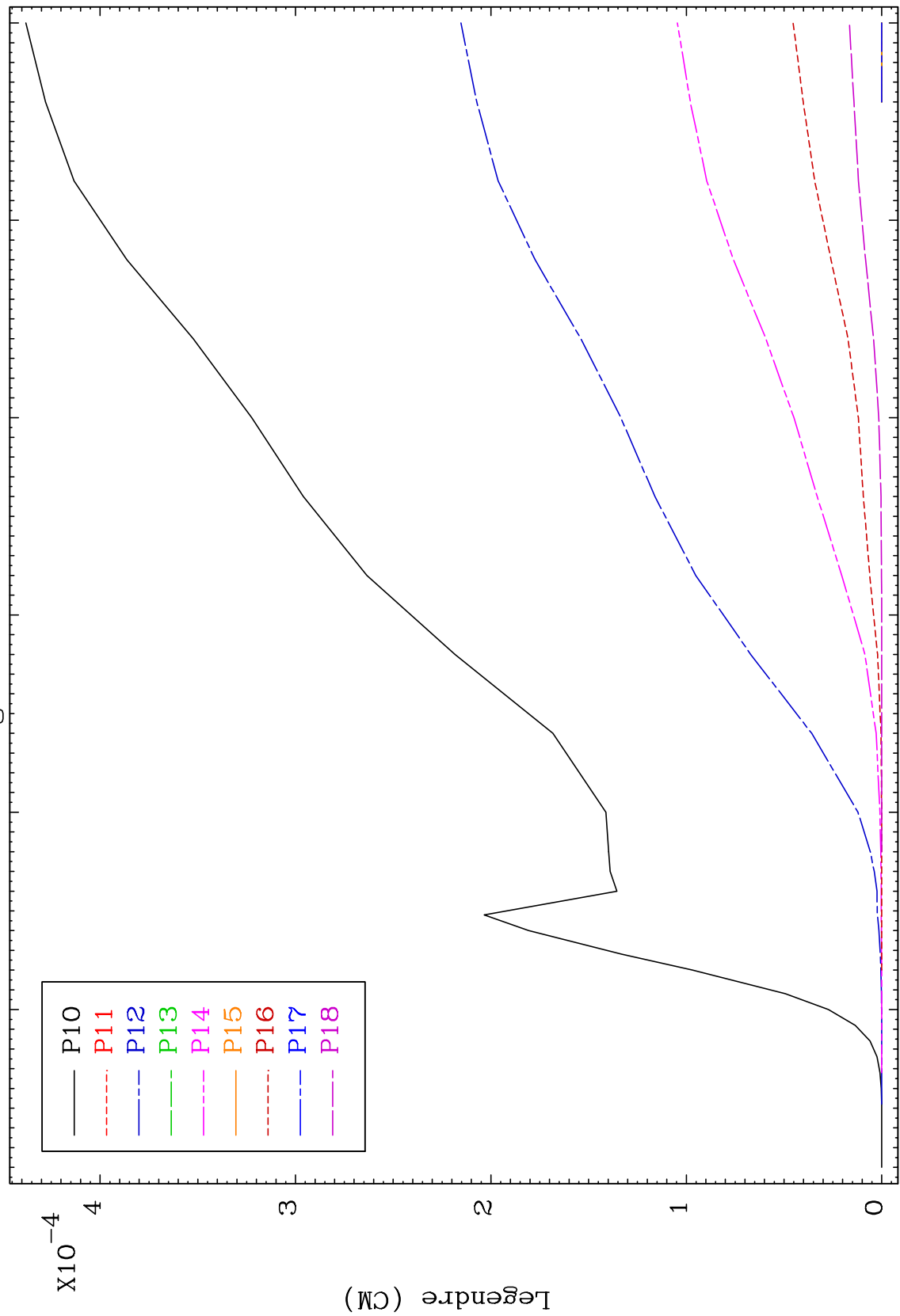




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Elastic Legendre Coefficients

65-Tb-148



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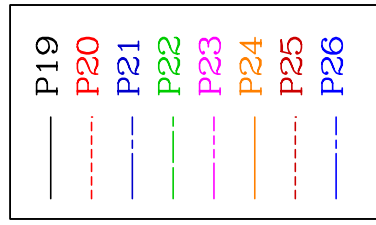
Incident Energy (MeV)

65-Tb-148

MAT 6493

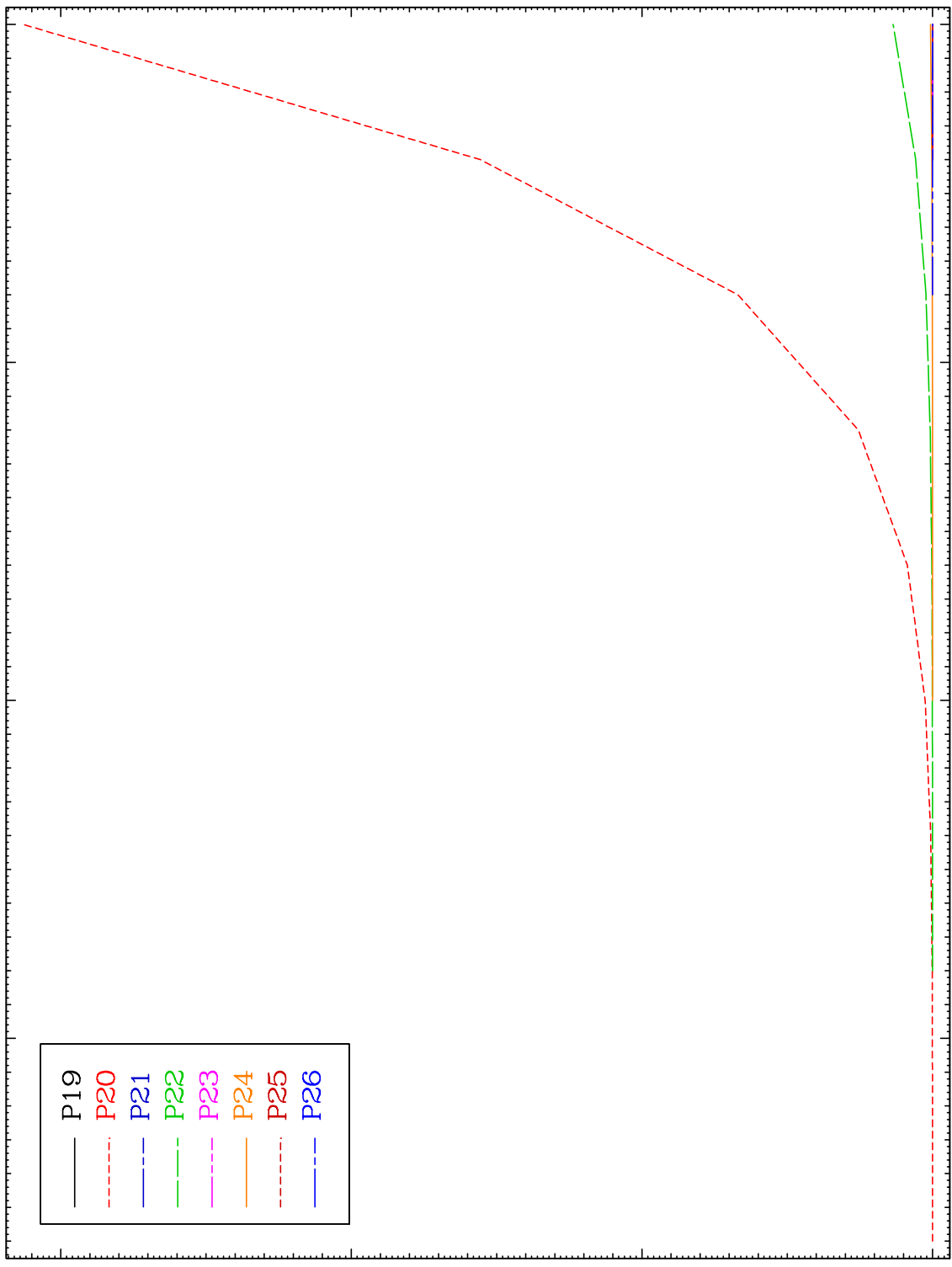
Elastic Legendre Coefficients

65-Tb-148



$\times 10^{-63}$

Legendre (CM)



18

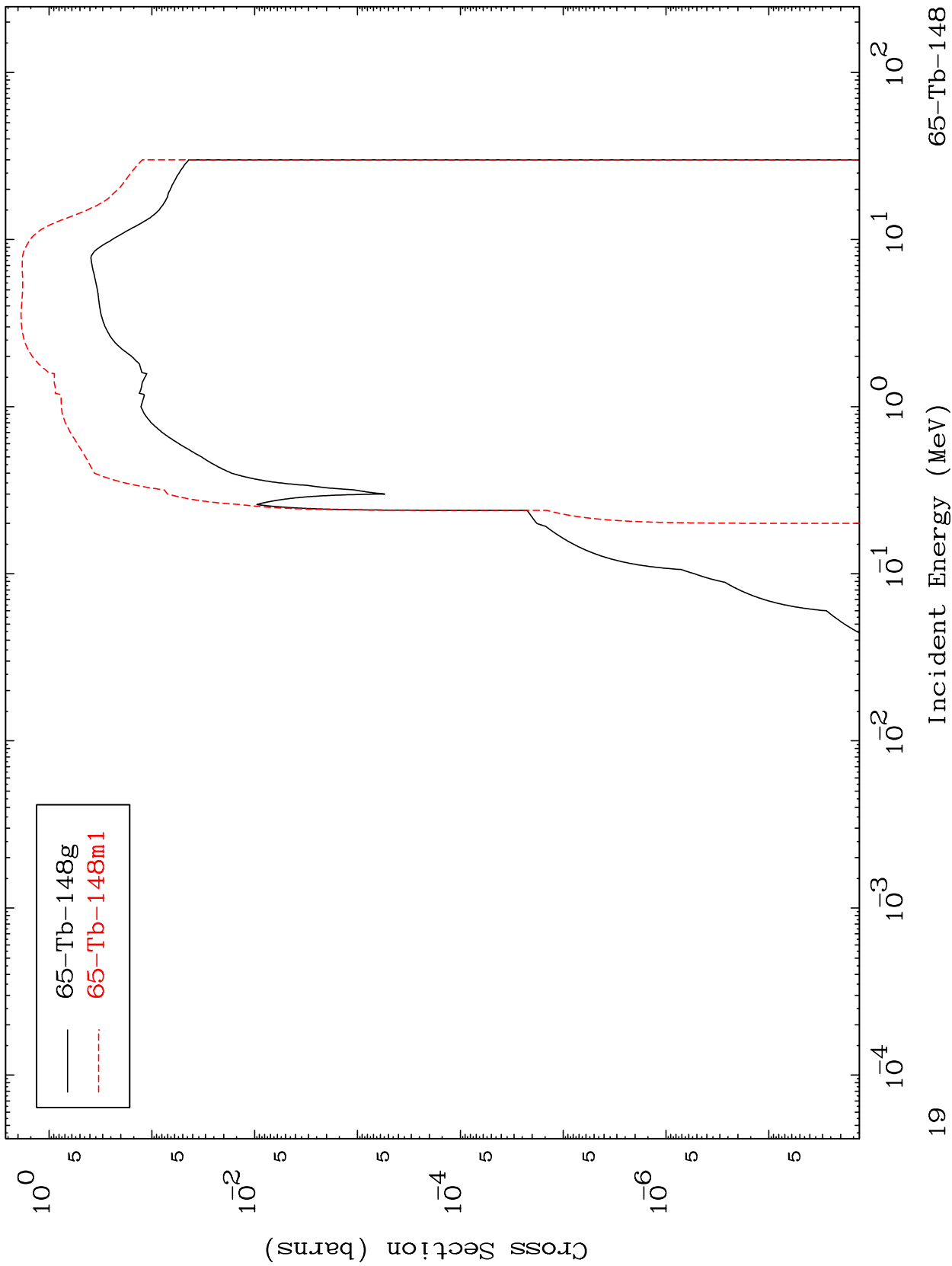
Incident Energy (MeV)

65-Tb-148

MAT 6493

65-Tb-148

Inelastic  
Radionuclide Production Cross Section

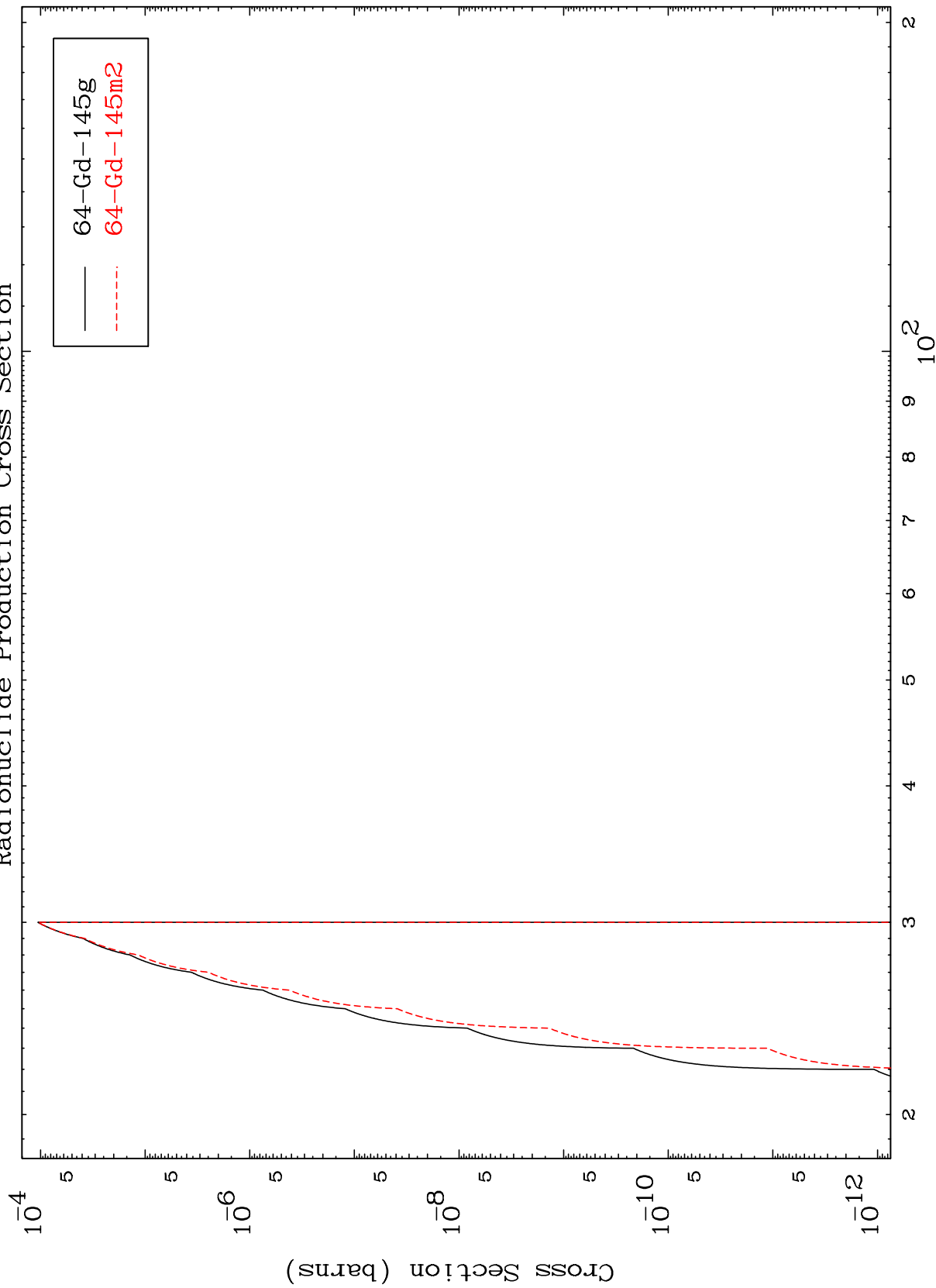


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(n,2n) d

65-Tb-148

Radionuclide Production Cross Section



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

20

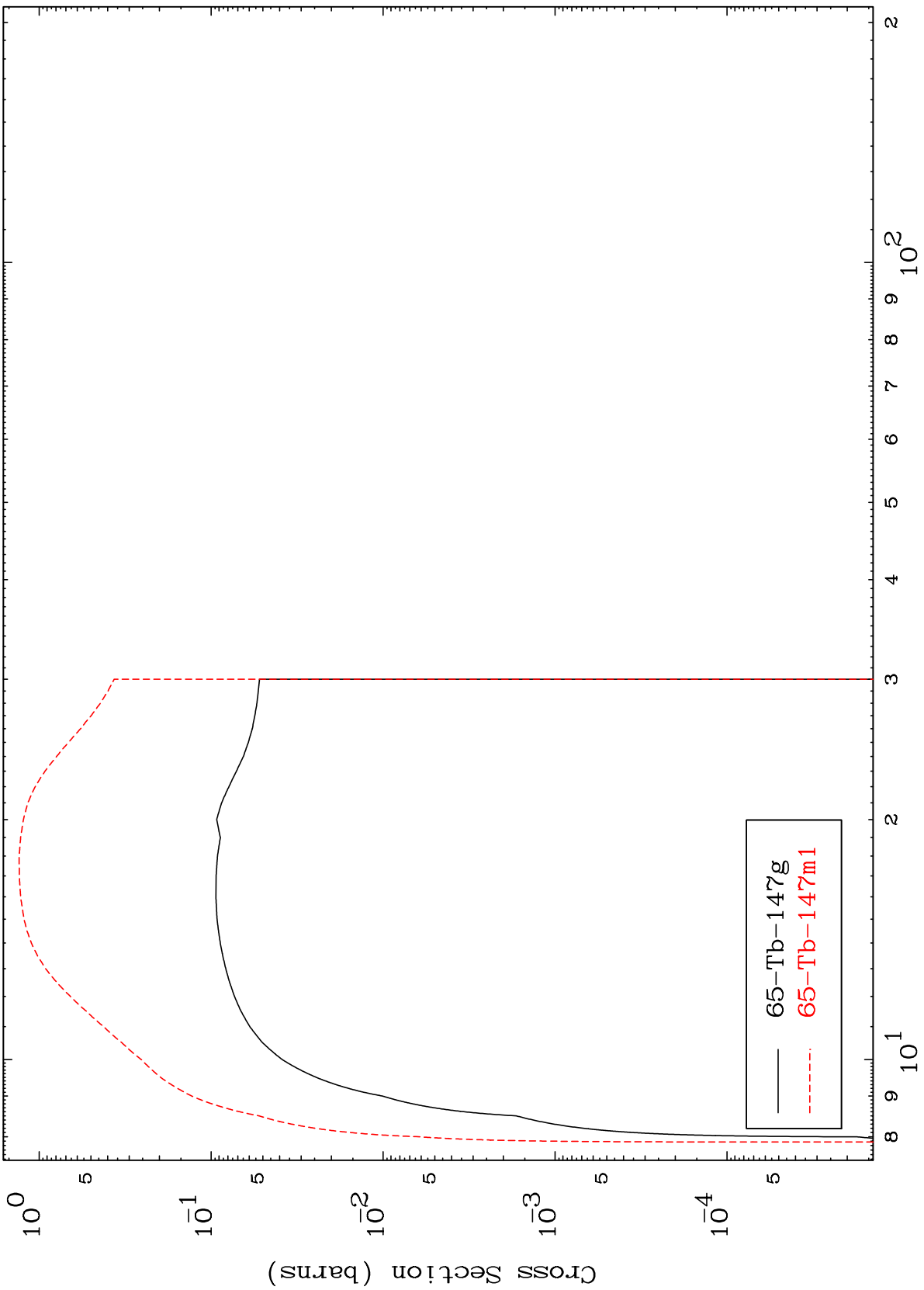
Incident Energy (MeV)

65-Tb-148

MAT 6493

65-Tb-148

(n,2n)  
Radionuclide Production Cross Section



65-Tb-148

Incident Energy (MeV)

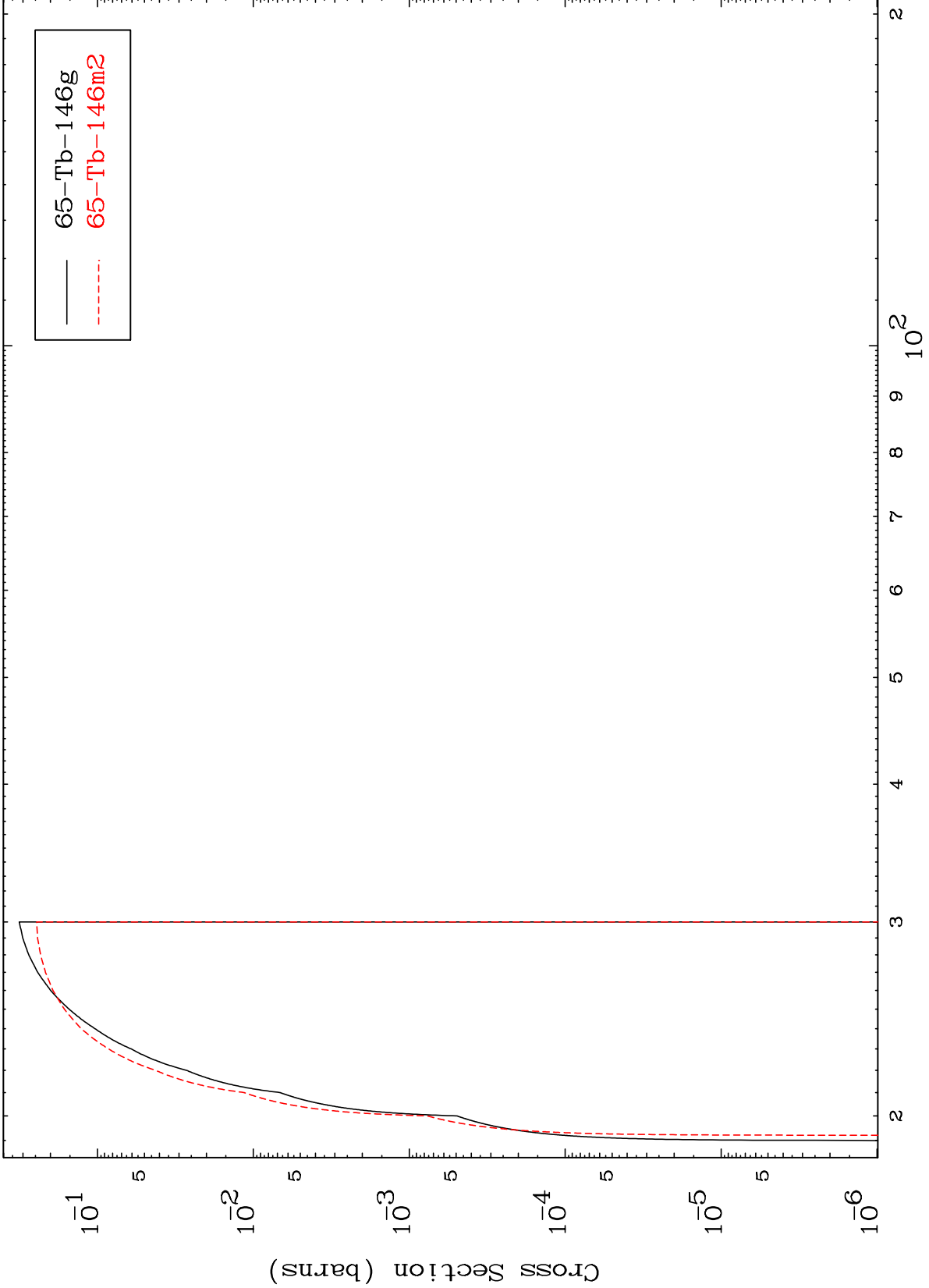
21

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(n,3n)

65-Tb-148

Radionuclide Production Cross Section



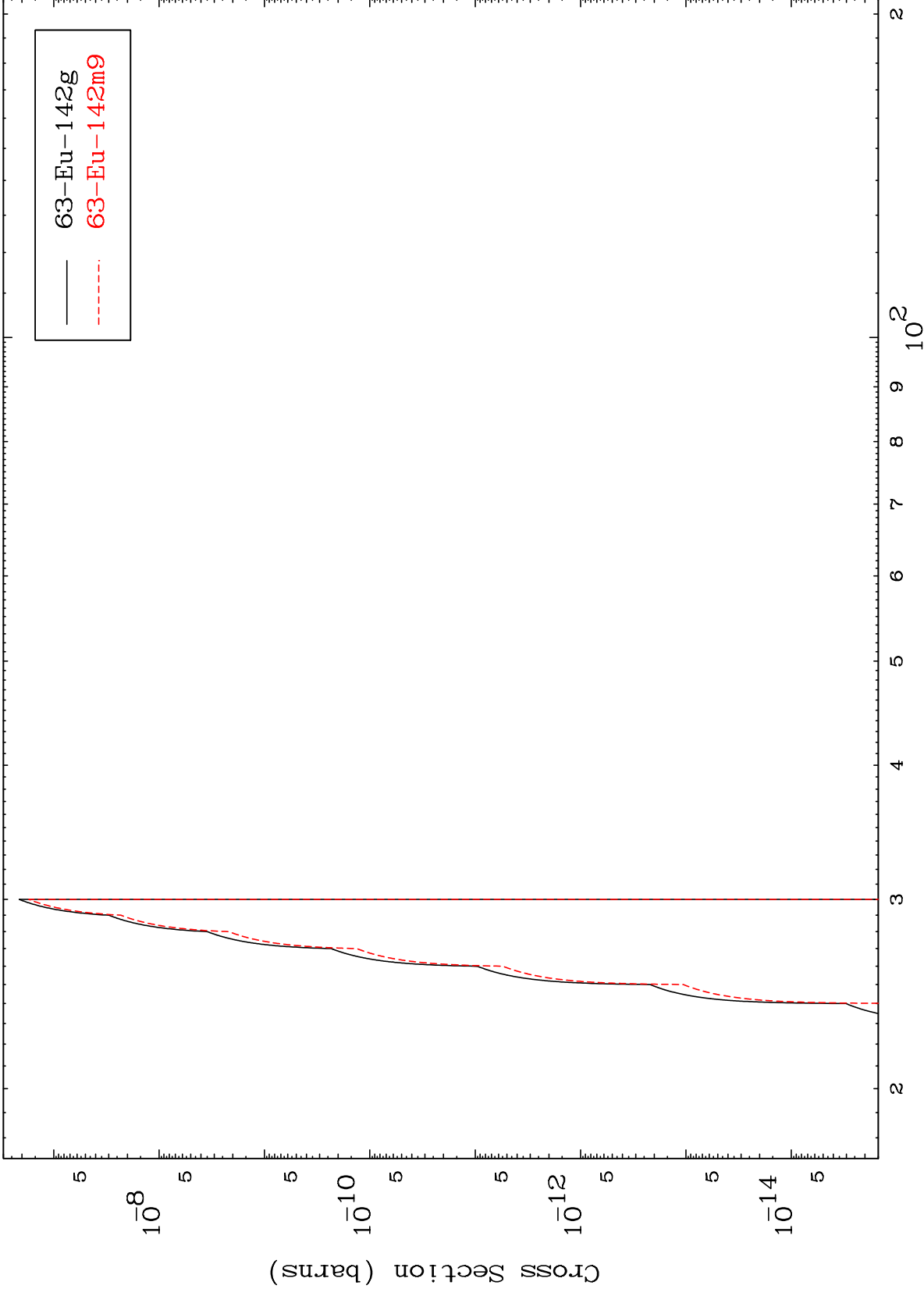
65-Tb-146g  
65-Tb-146m2

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(n,3n)  $\alpha$

65-Tb-148

Radionuclide Production Cross Section



23

Incident Energy (MeV)

65-Tb-148

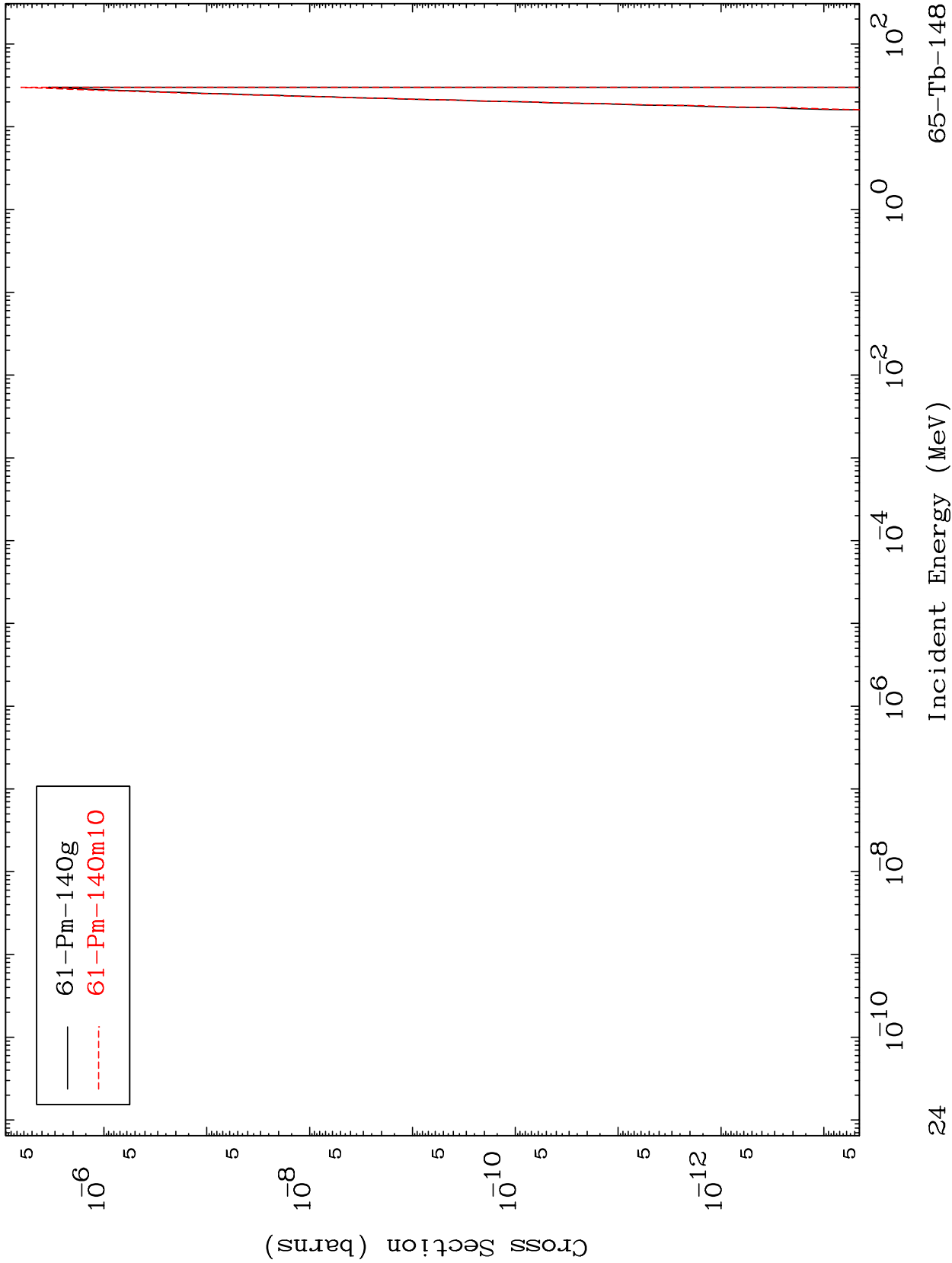


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(n,n') 2 $\alpha$

65-Tb-148

Radionuclide Production Cross Section

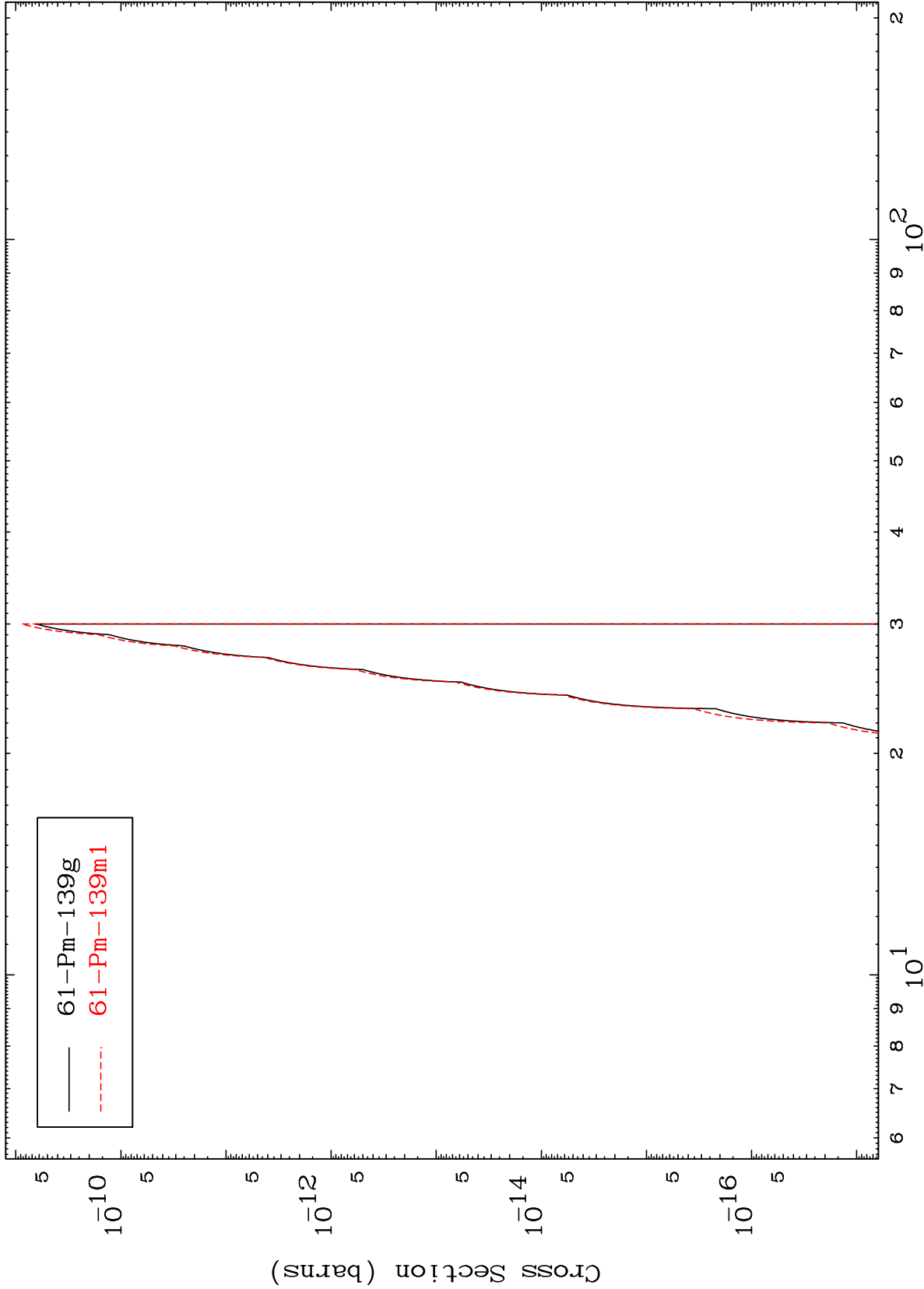


MAT 6493

(n,2n) 2α

65-Tb-148

Radionuclide Production Cross Section

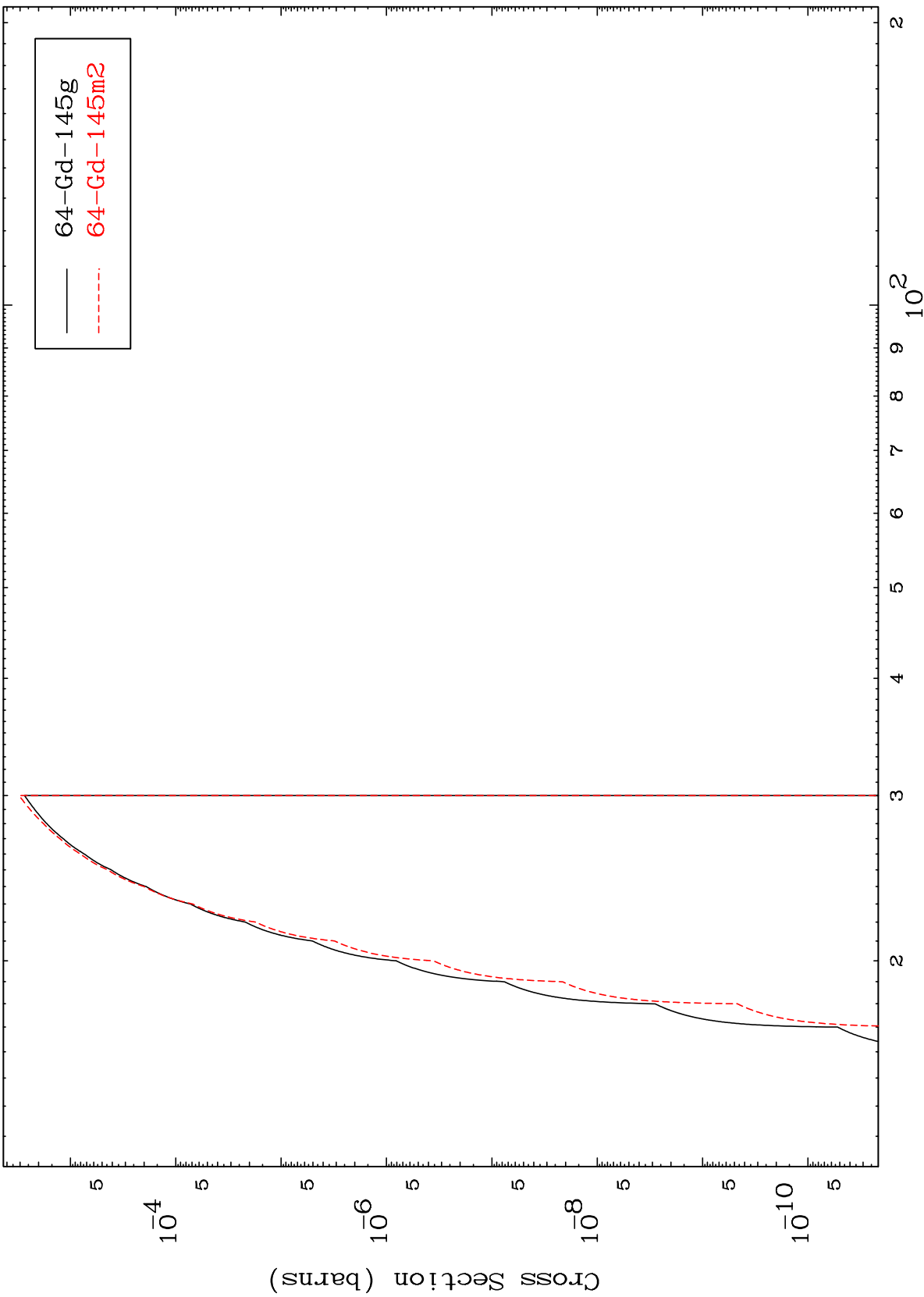


25

Incident Energy (MeV)

65-Tb-148

Radionuclide Production Cross Section

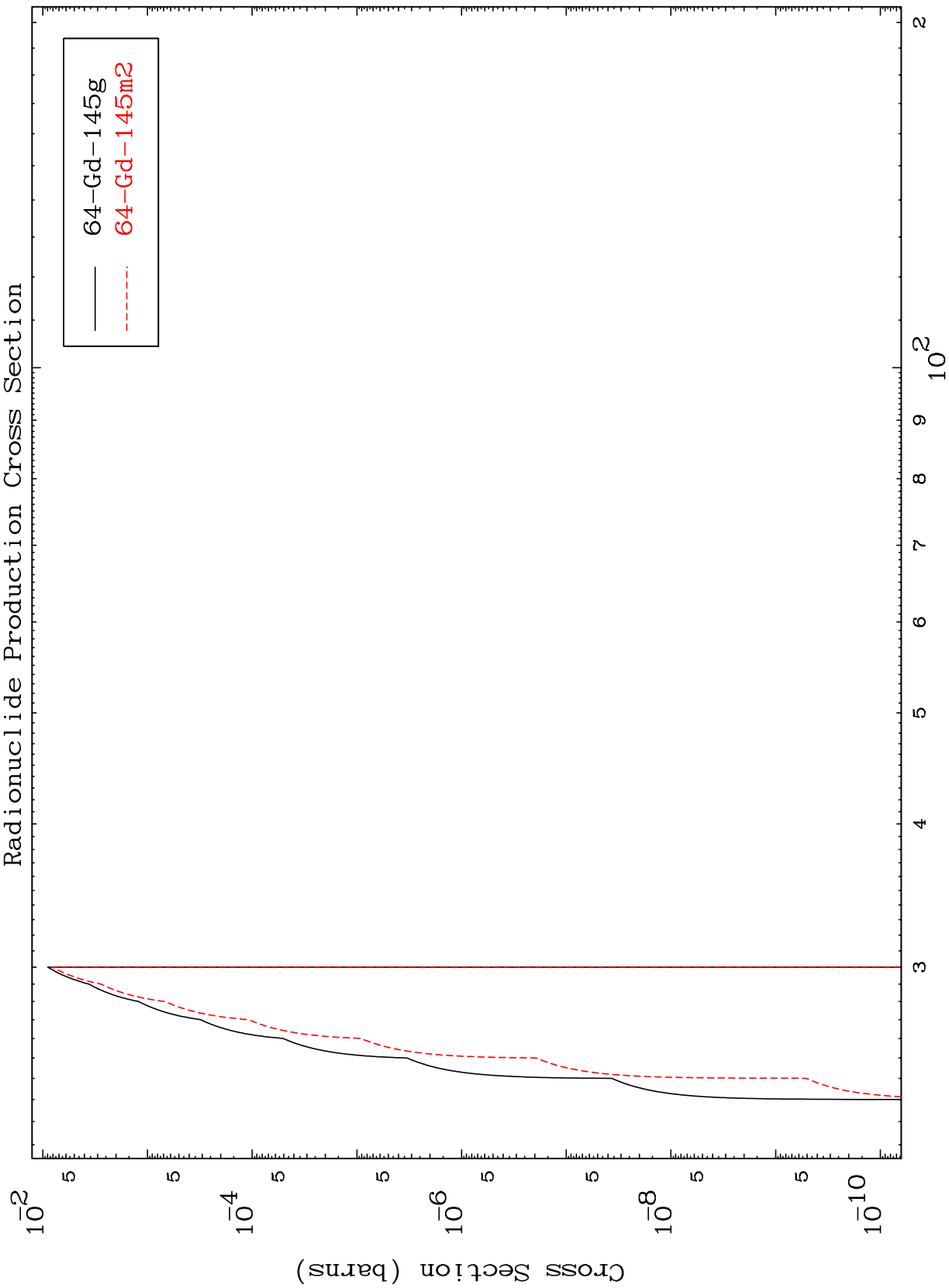


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(n,3n) p

65-Tb-148

Radionuclide Production Cross Section

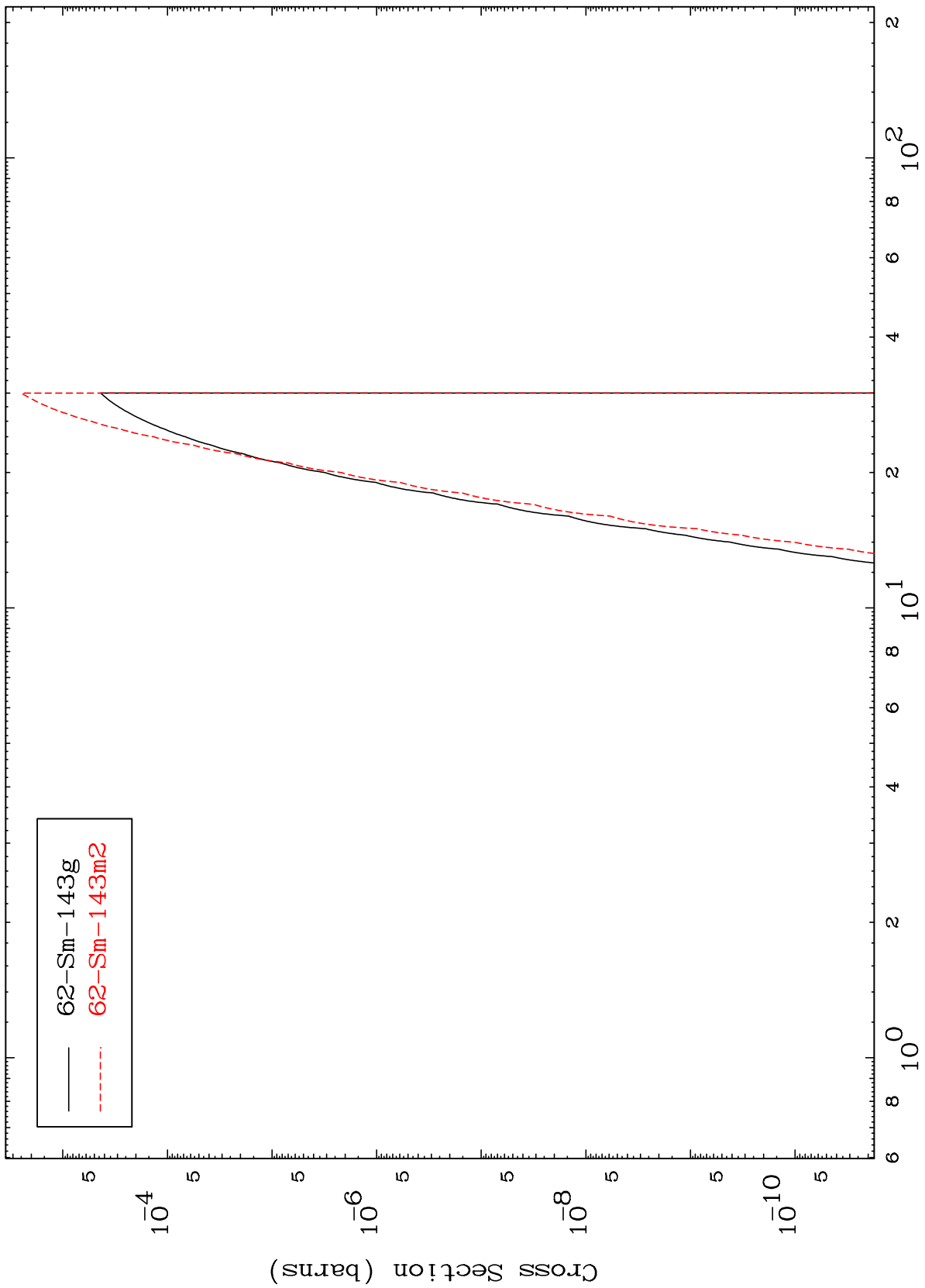


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(n,n') p  $\alpha$

65-Tb-148

Radionuclide Production Cross Section



28

Incident Energy (MeV)

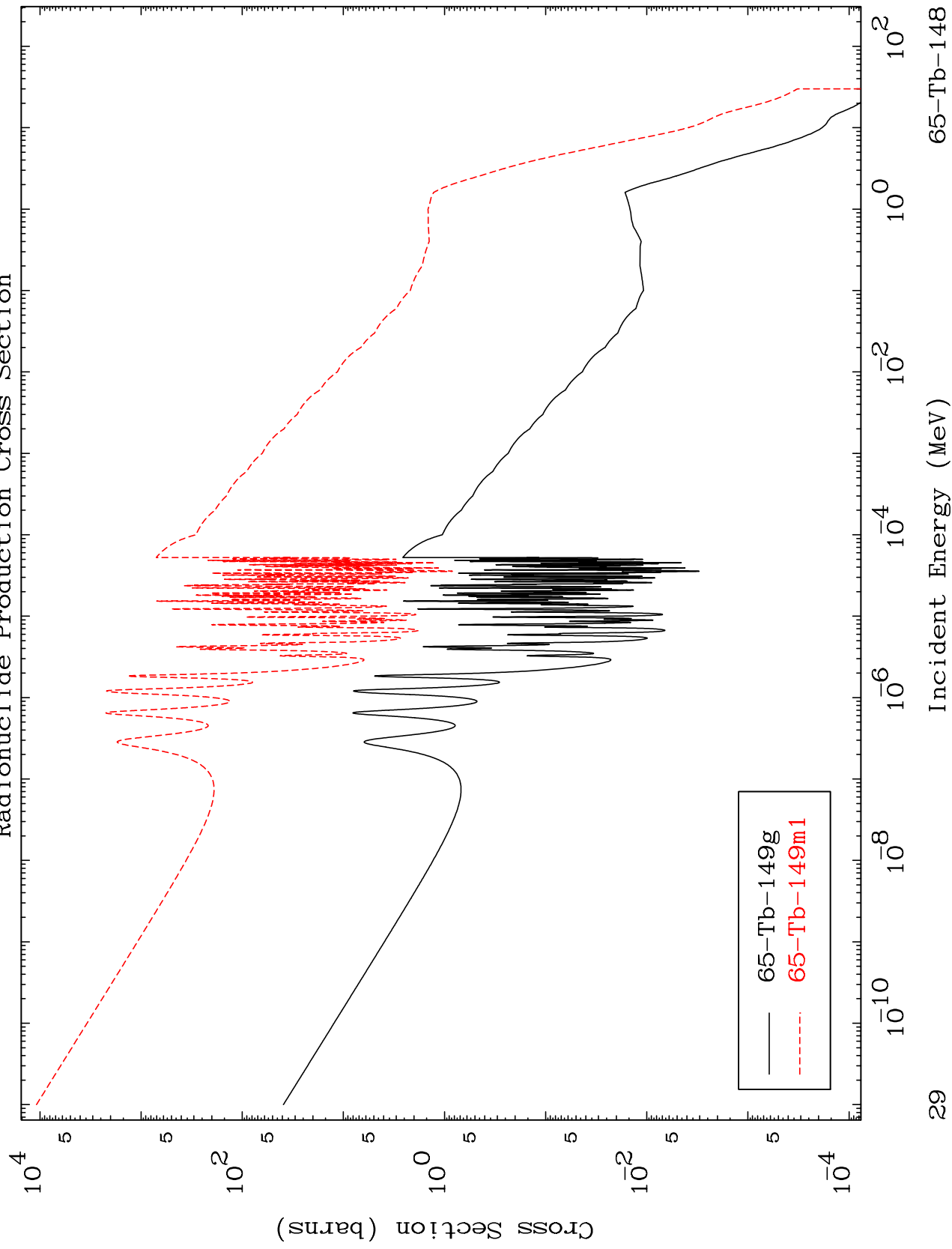
65-Tb-148

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65-Tb-148

Radionuclide Production Cross Section

(n,  $\gamma$ )



MAT 6493

(n,d)  $\alpha$

65-Tb-148

Radionuclide Production Cross Section

