

Program EVALPLOT  
(Version 2015-2)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

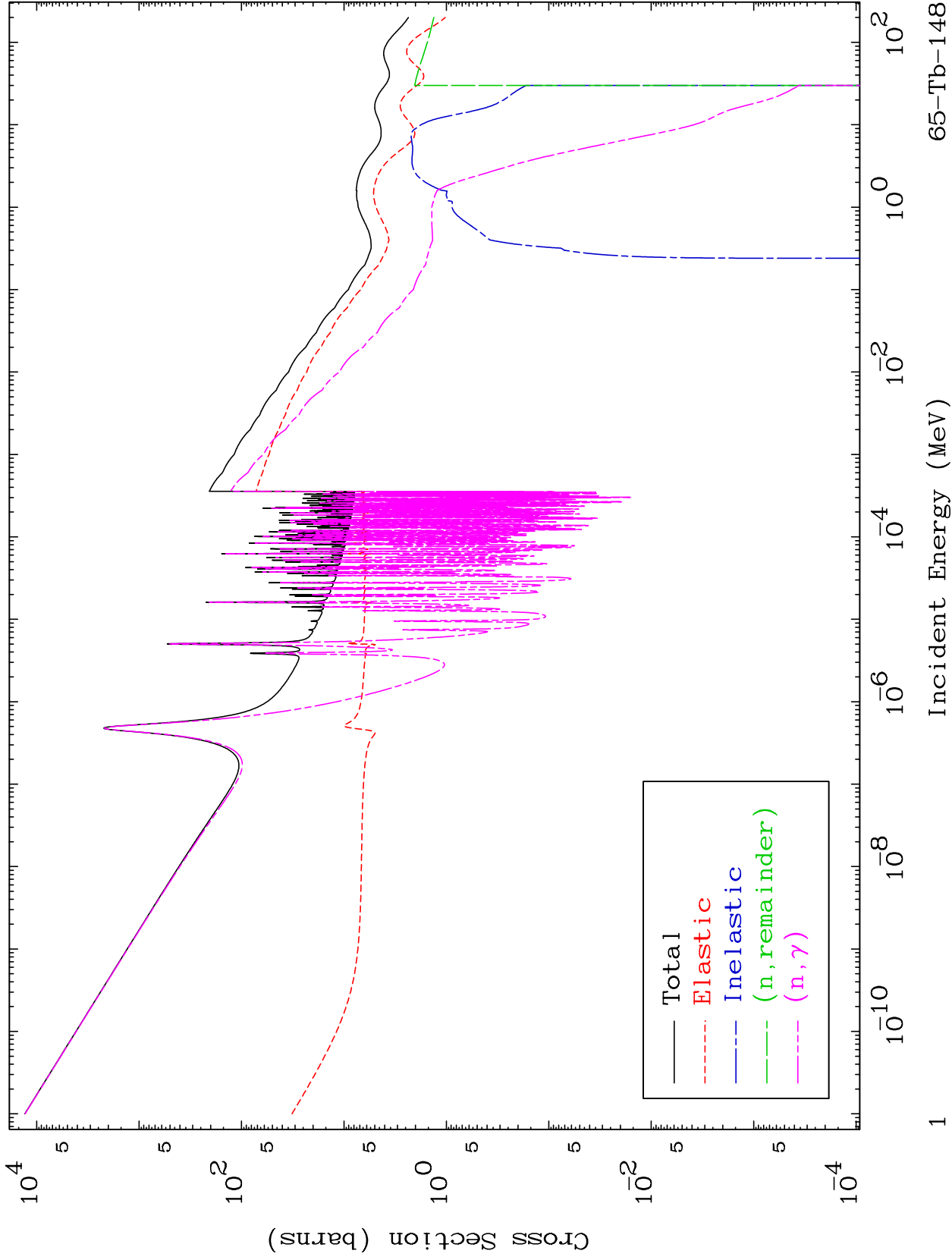
Press Mouse Button to Start

MAT 6493

Major

293 Kelvin Cross Sections

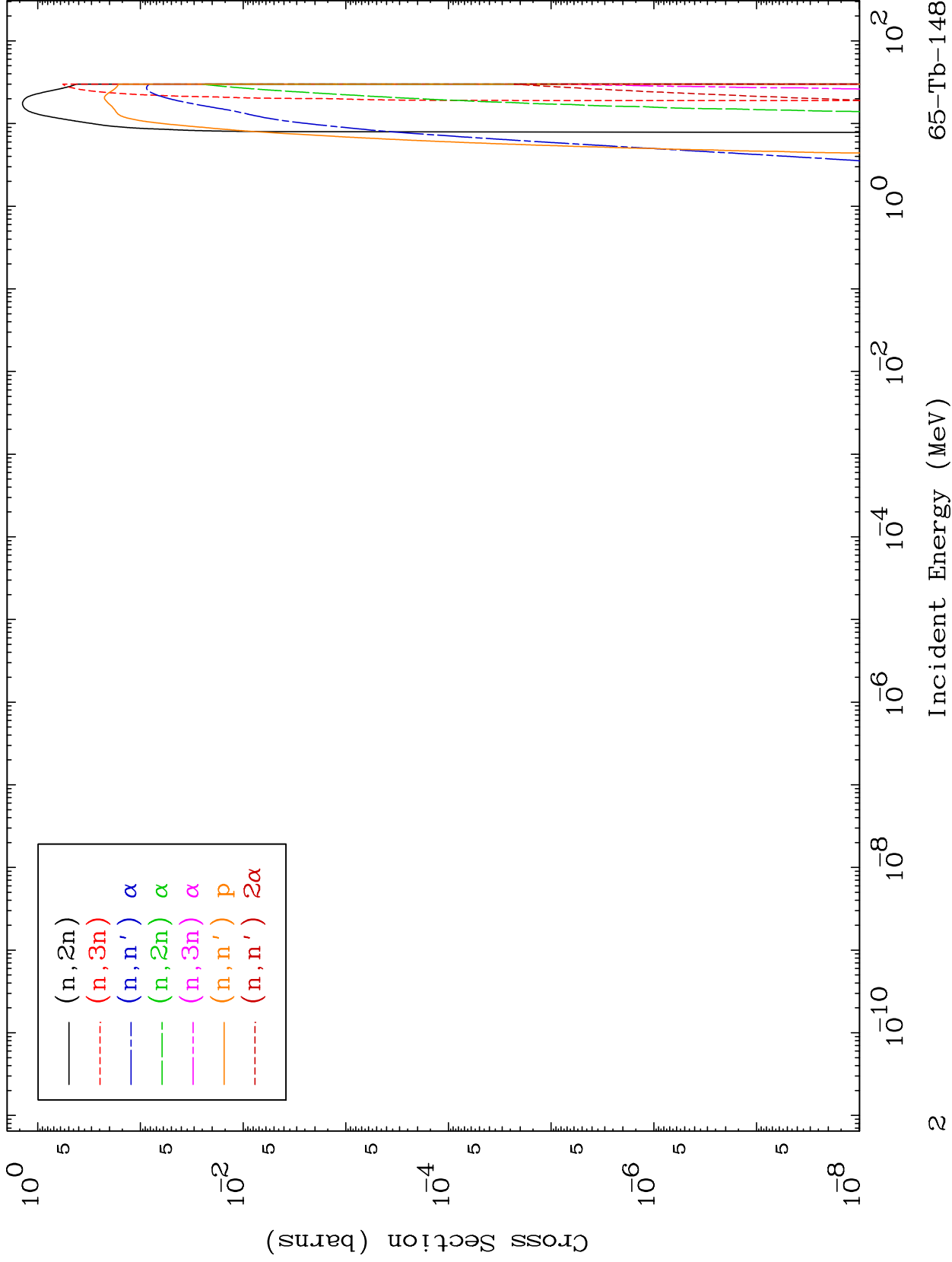
65-Tb-148



MAT 6493

Neutron Production  
293 Kelvin Cross Sections

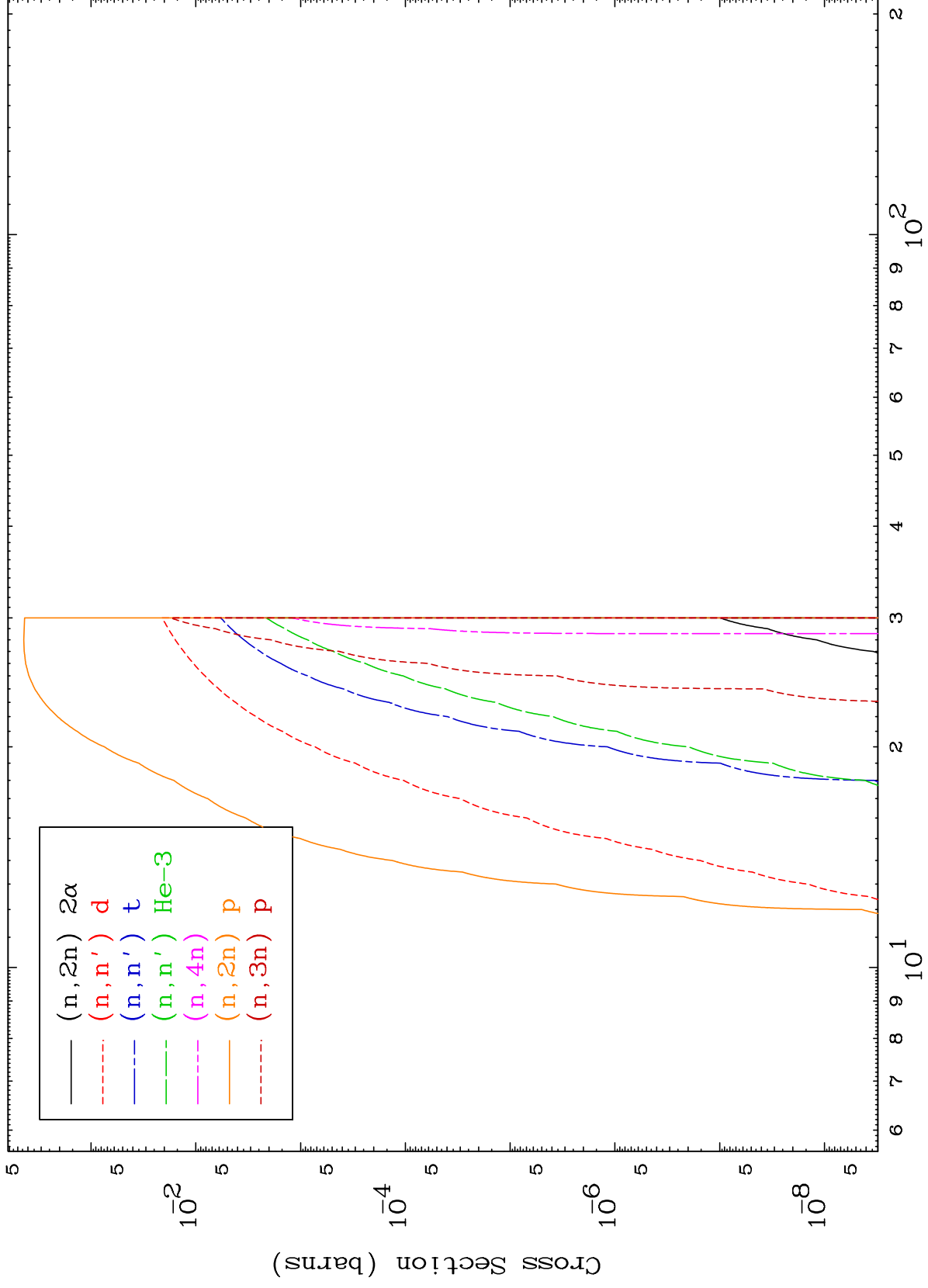
65-Tb-148



MAT 6493

Neutron Production  
293 Kelvin Cross Sections

65-Tb-148



3

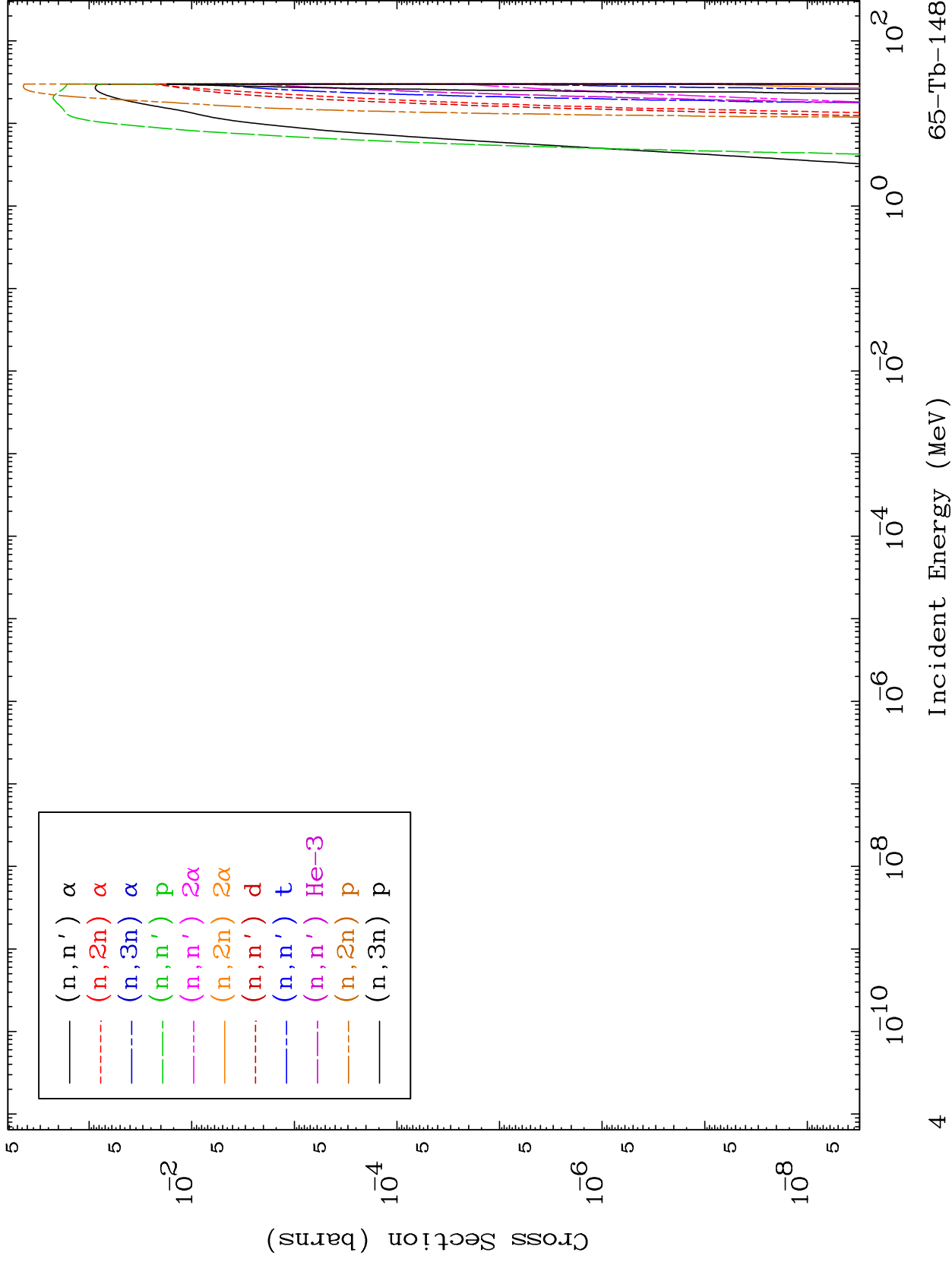
Incident Energy (MeV)

65-Tb-148

MAT 6493

Charged Particle  
293 Kelvin Cross Sections

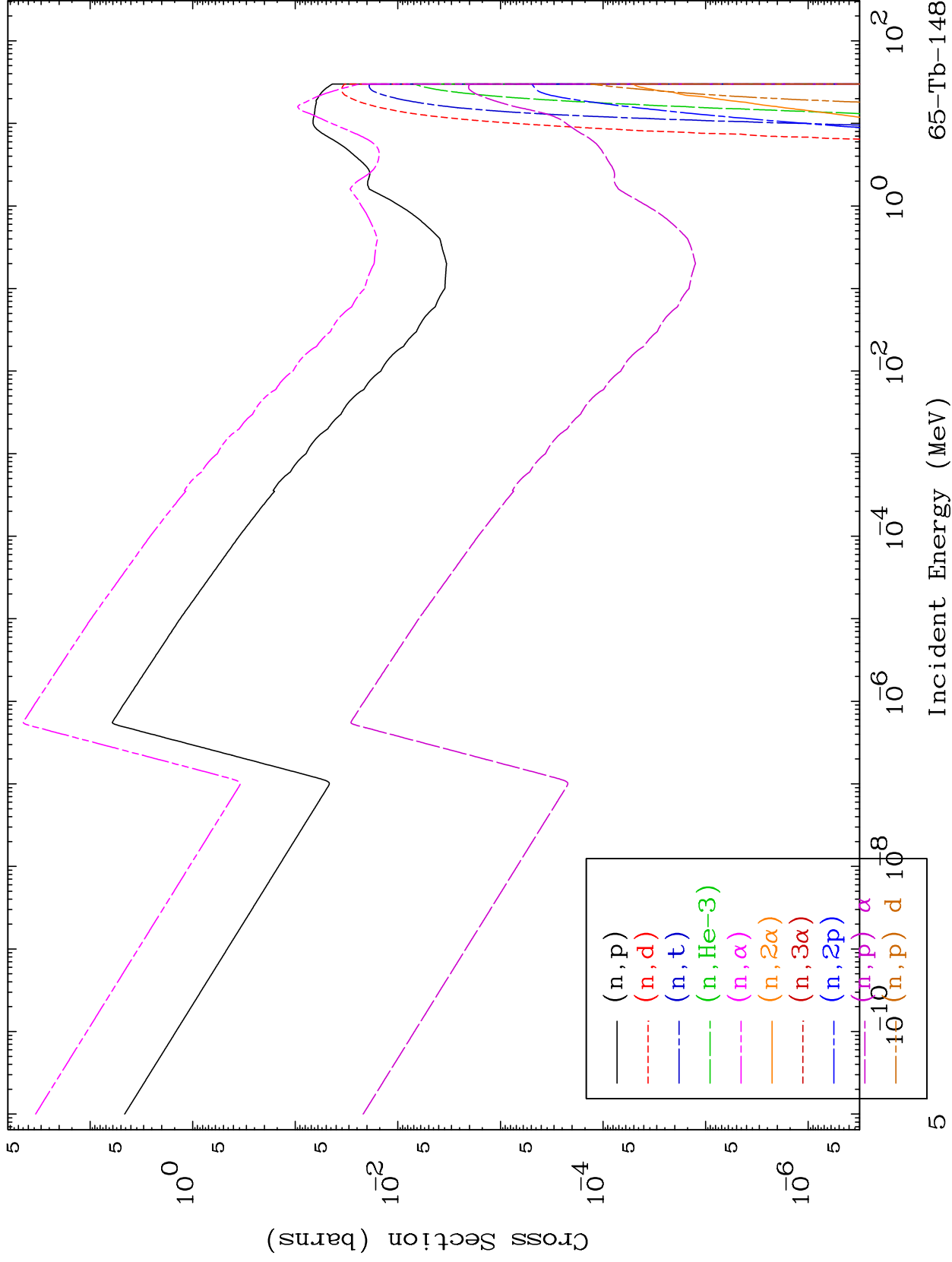
65-Tb-148



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Charged Particle  
293 Kelvin Cross Sections

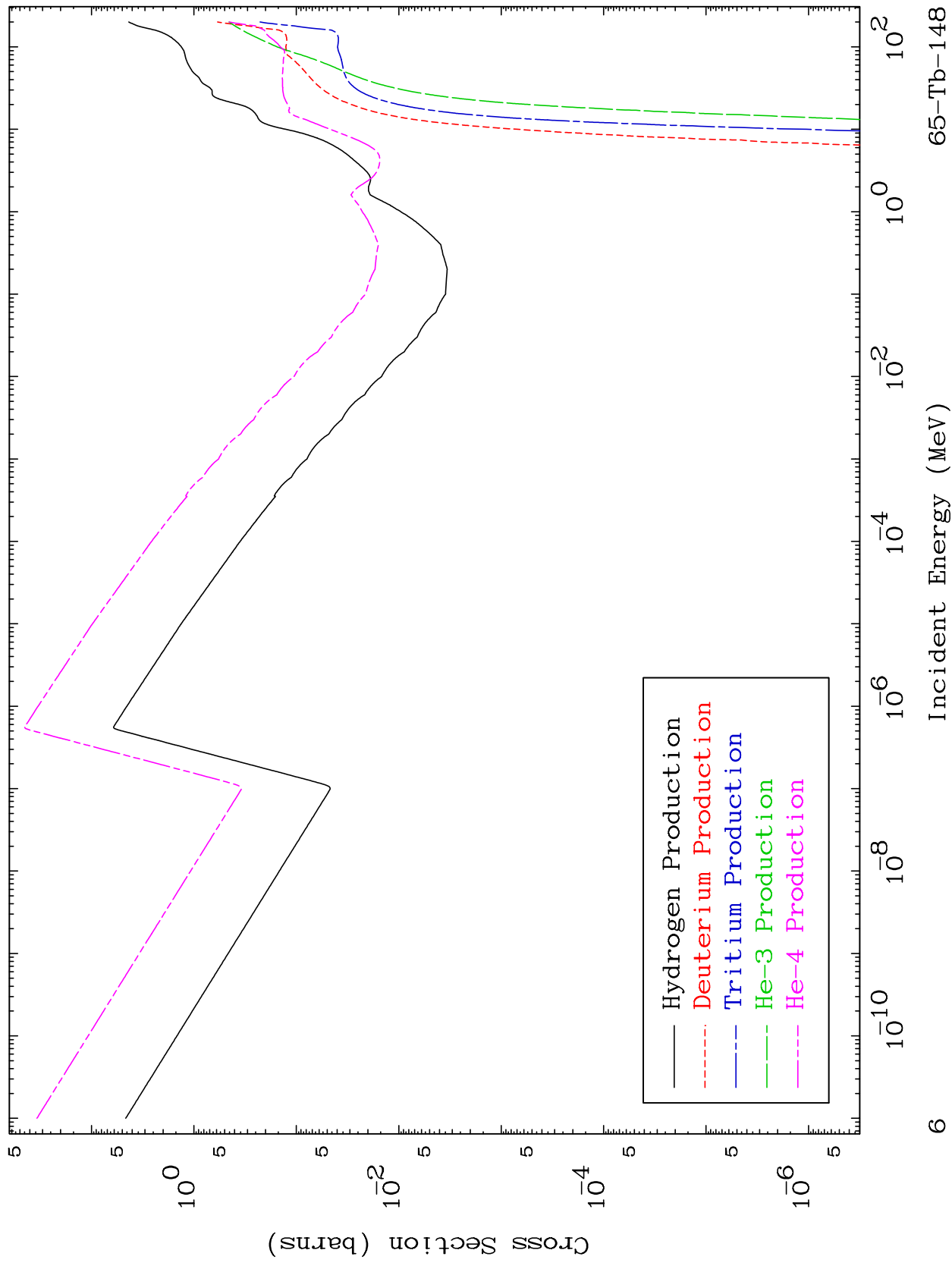
65-Tb-148



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Particle Production  
293 Kelvin Cross Sections

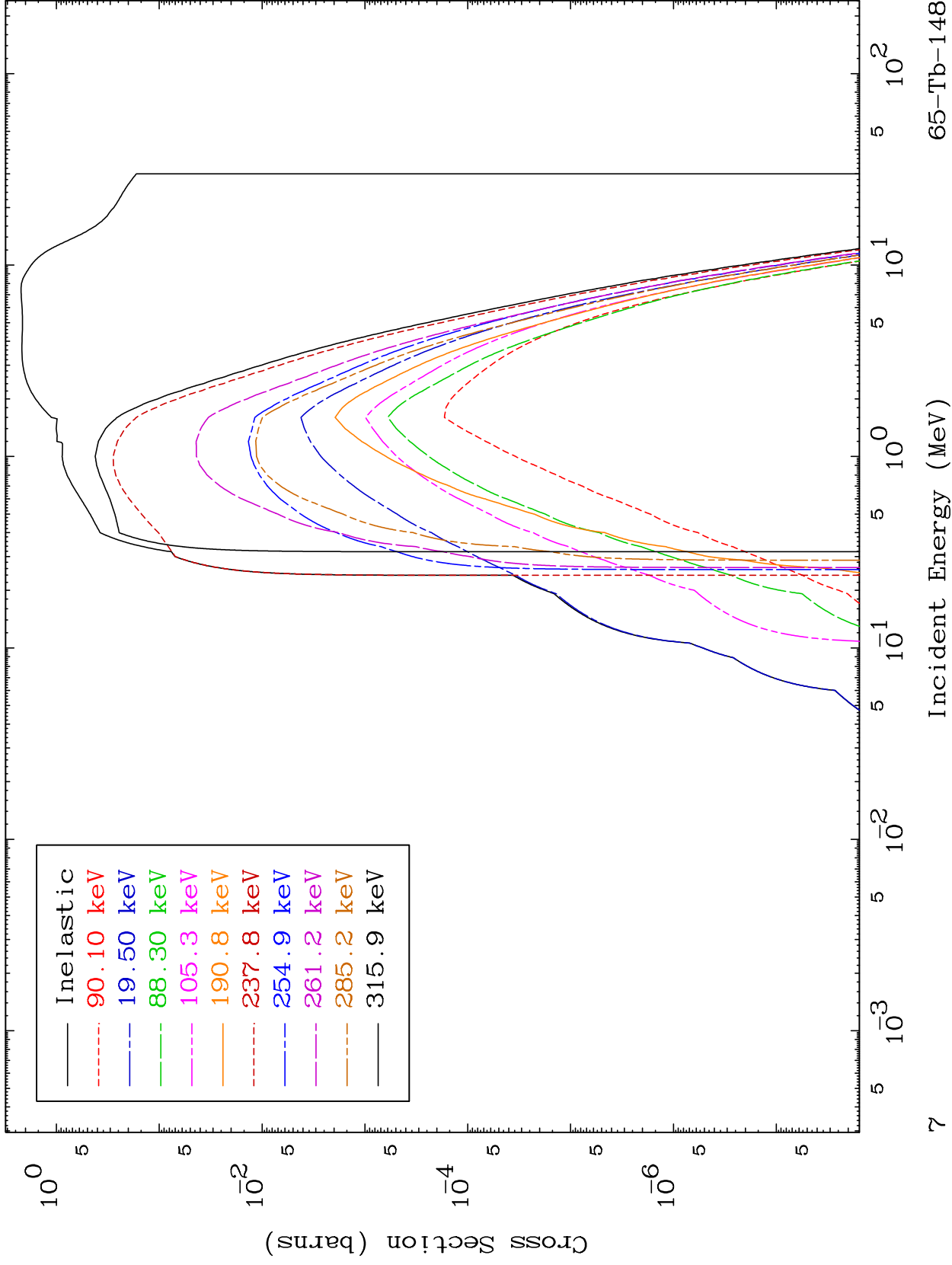
65-Tb-148



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293 Kelvin Cross Sections  
(n,n') Level

65-Tb-148

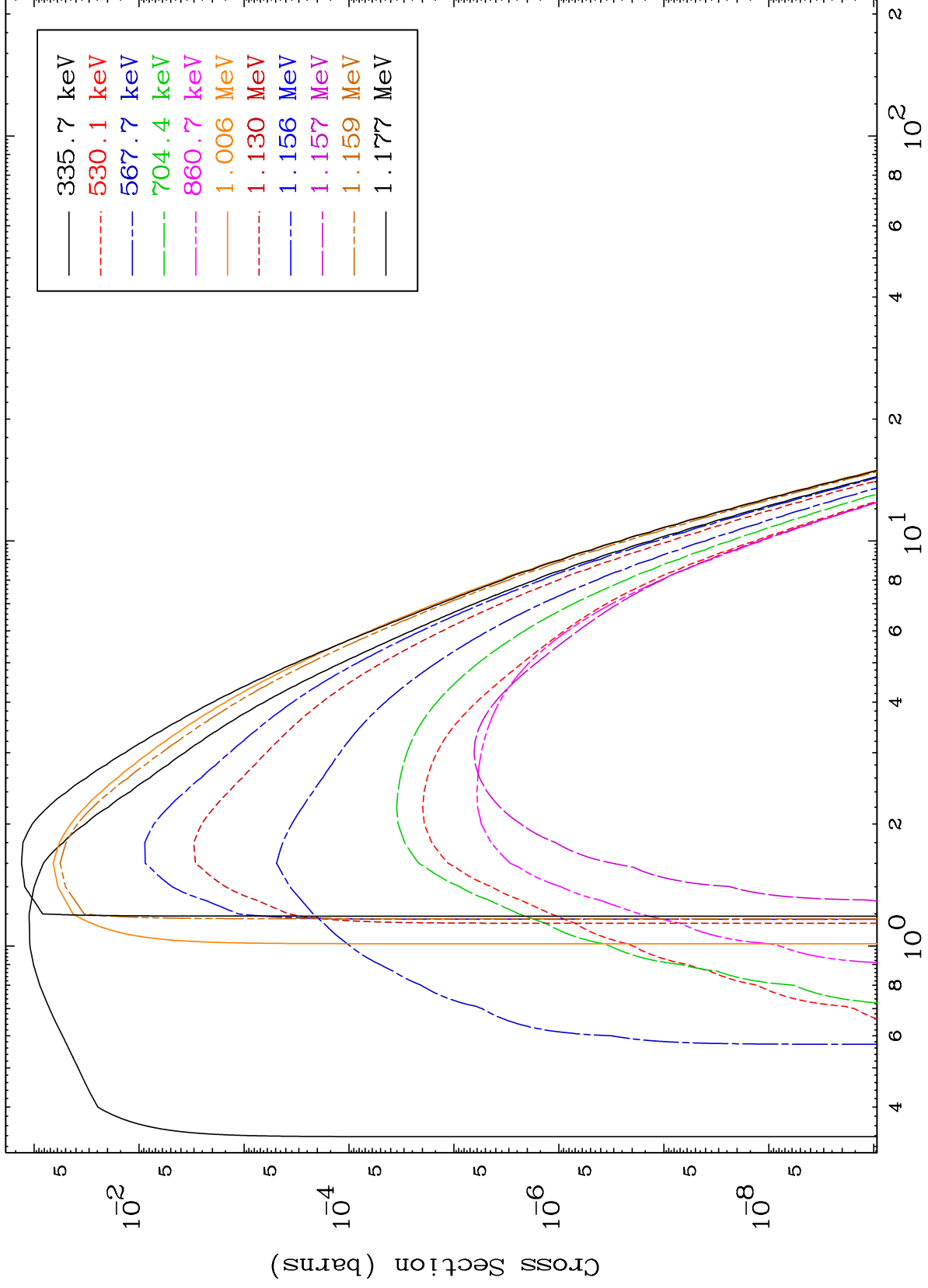




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(n,n') Level  
293 Kelvin Cross Sections

65-Tb-148



8

Incident Energy (MeV)

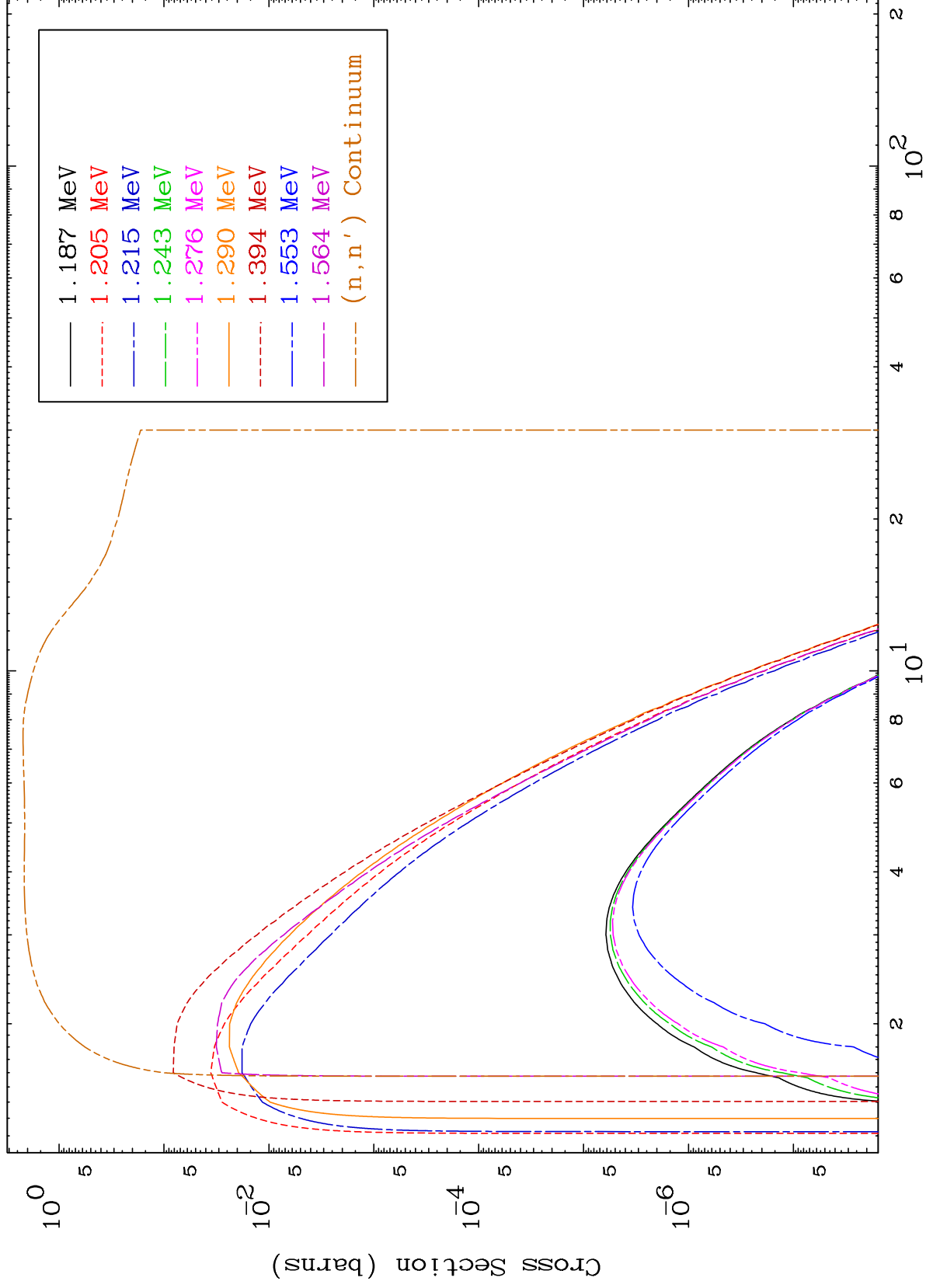
65-Tb-148

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(n,n') Level

65-Tb-148

293 Kelvin Cross Sections



9

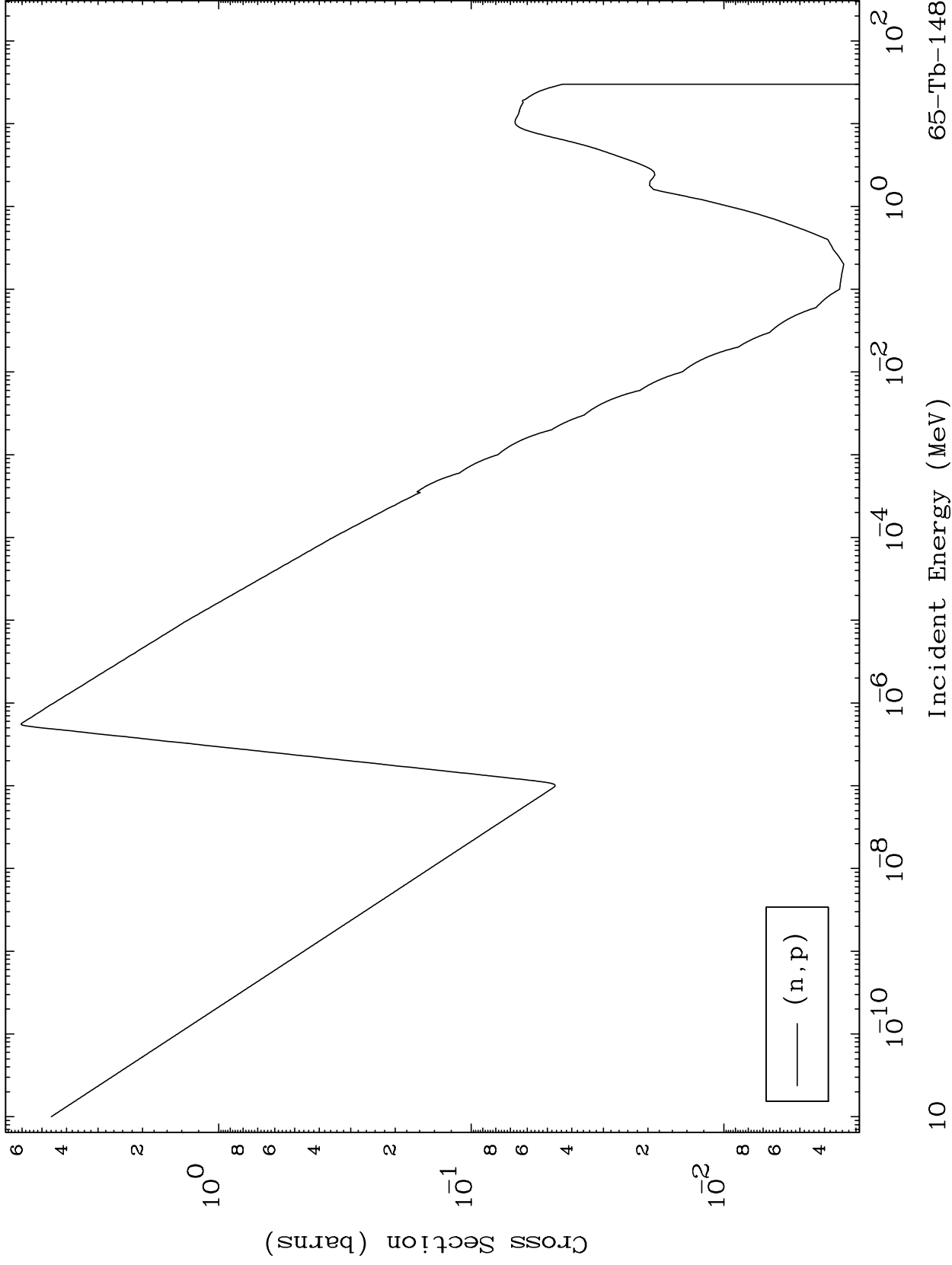
Incident Energy (MeV)

65-Tb-148

MAT 6493

(n,p) Levels  
293 Kelvin Cross Sections

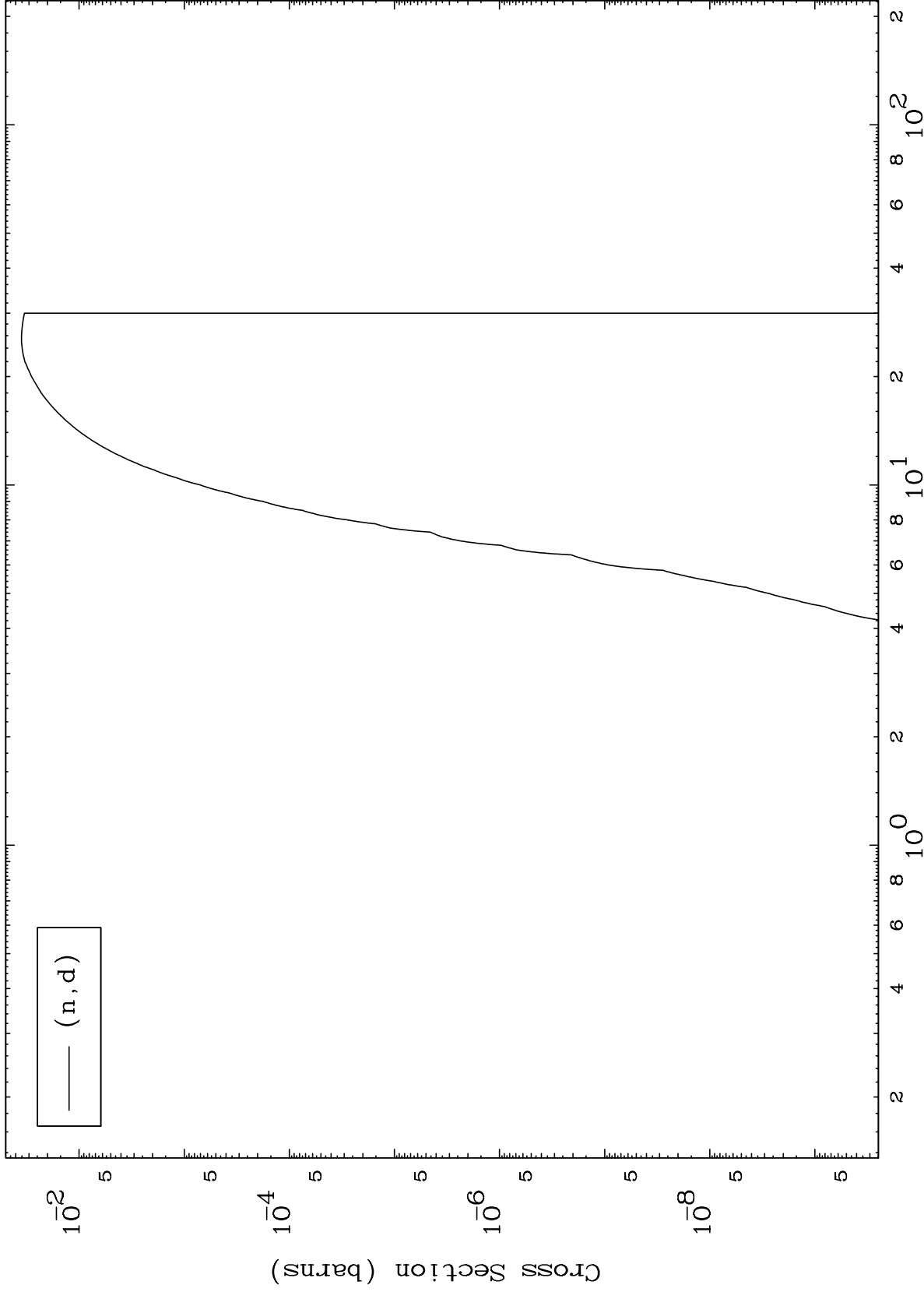
65-Tb-148



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(n,d) Levels  
293 Kelvin Cross Sections

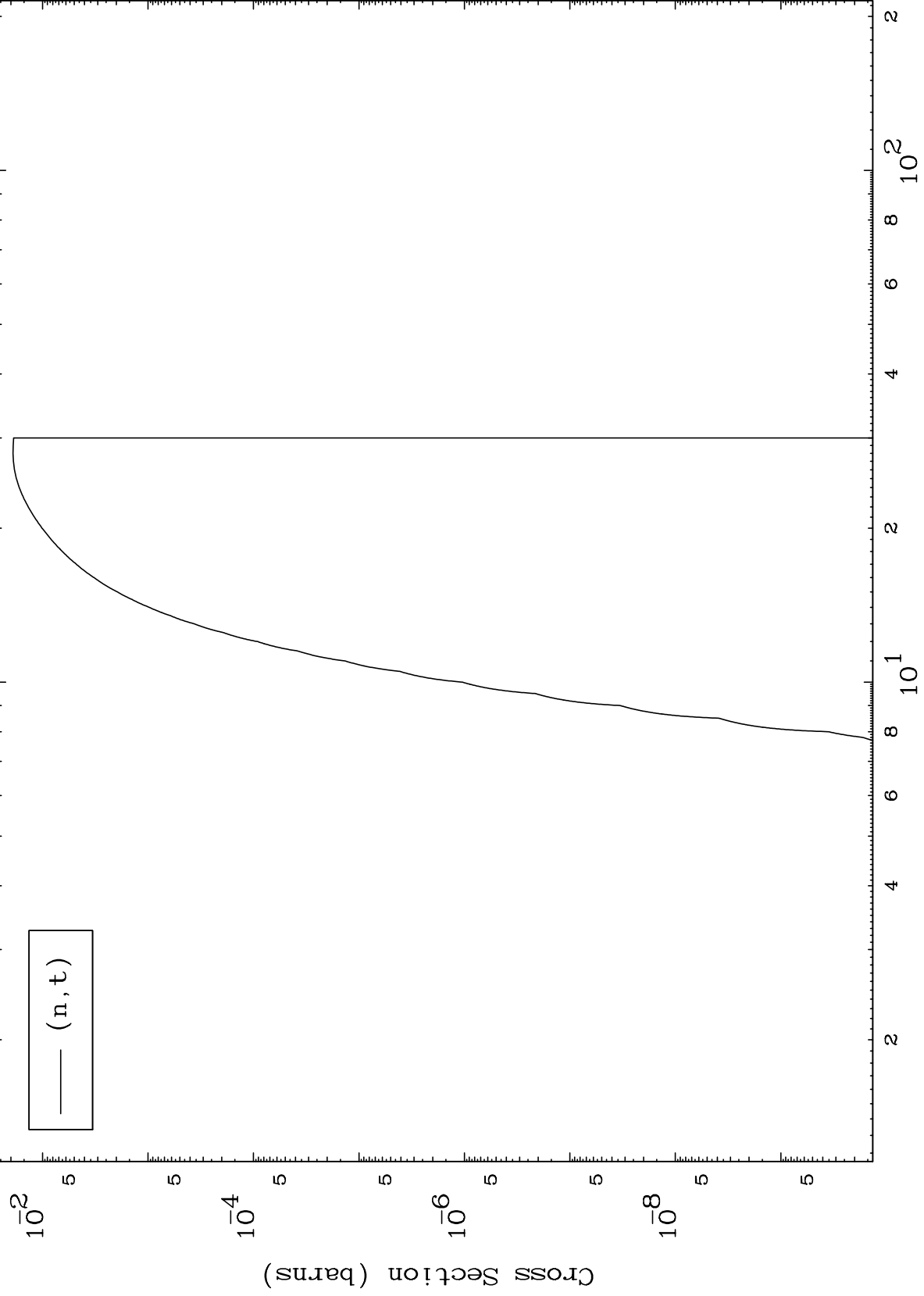
65-Tb-148



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(n,t) Levels  
293 Kelvin Cross Sections

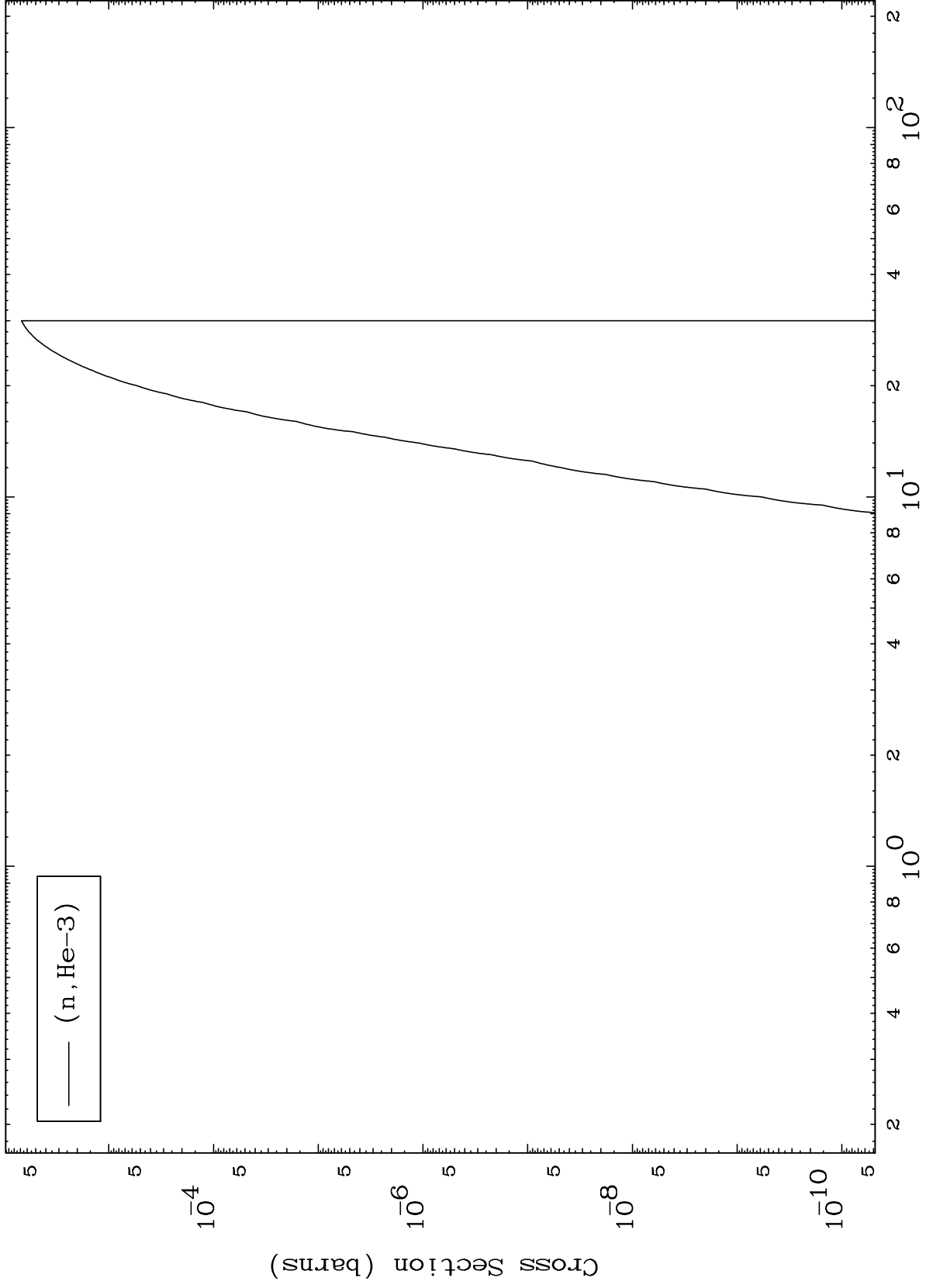
65-Tb-148



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(n,He3) Levels  
293 Kelvin Cross Sections

65-Tb-148



13

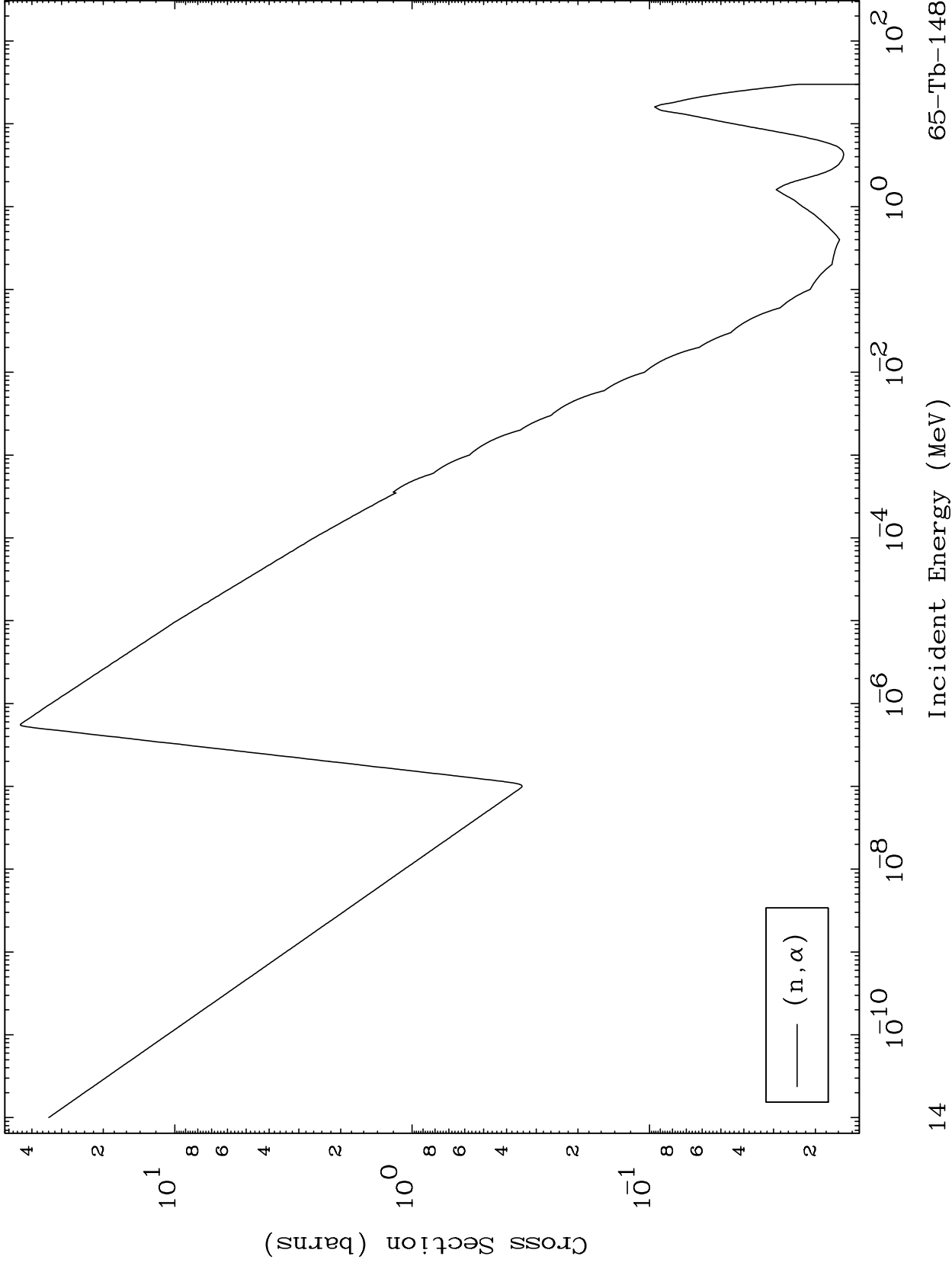
Incident Energy (MeV)

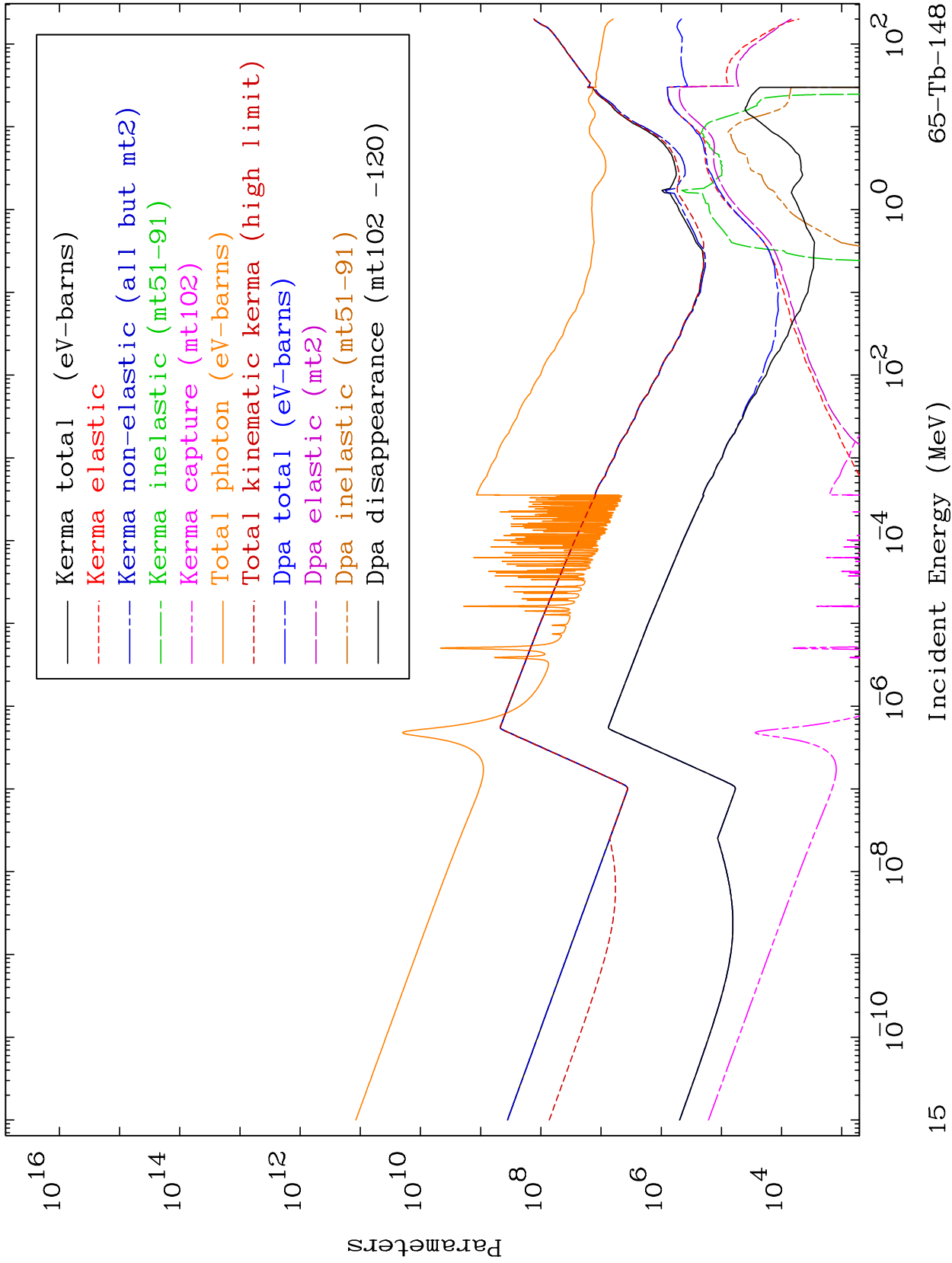
65-Tb-148

MAT 6493

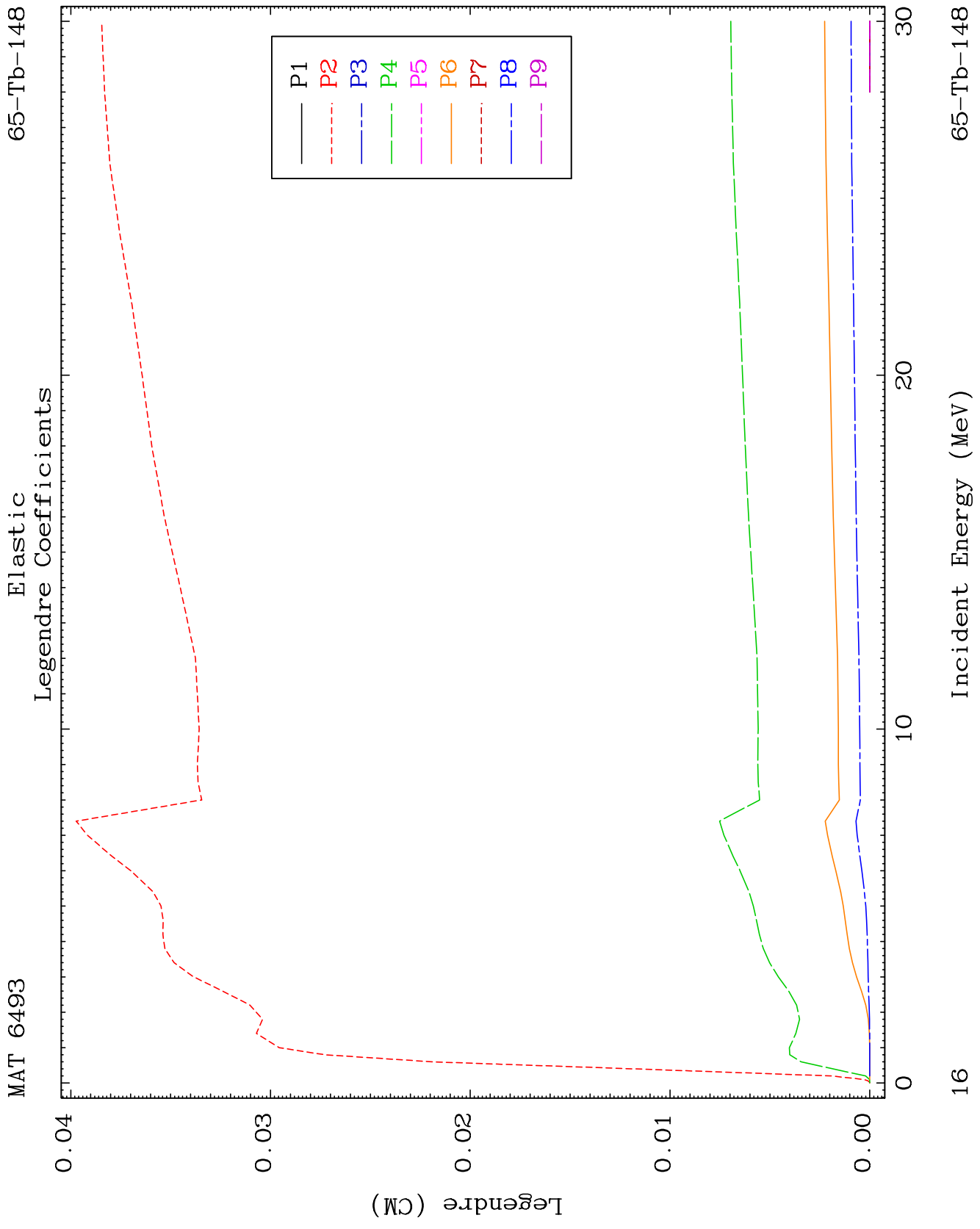
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

65-Tb-148





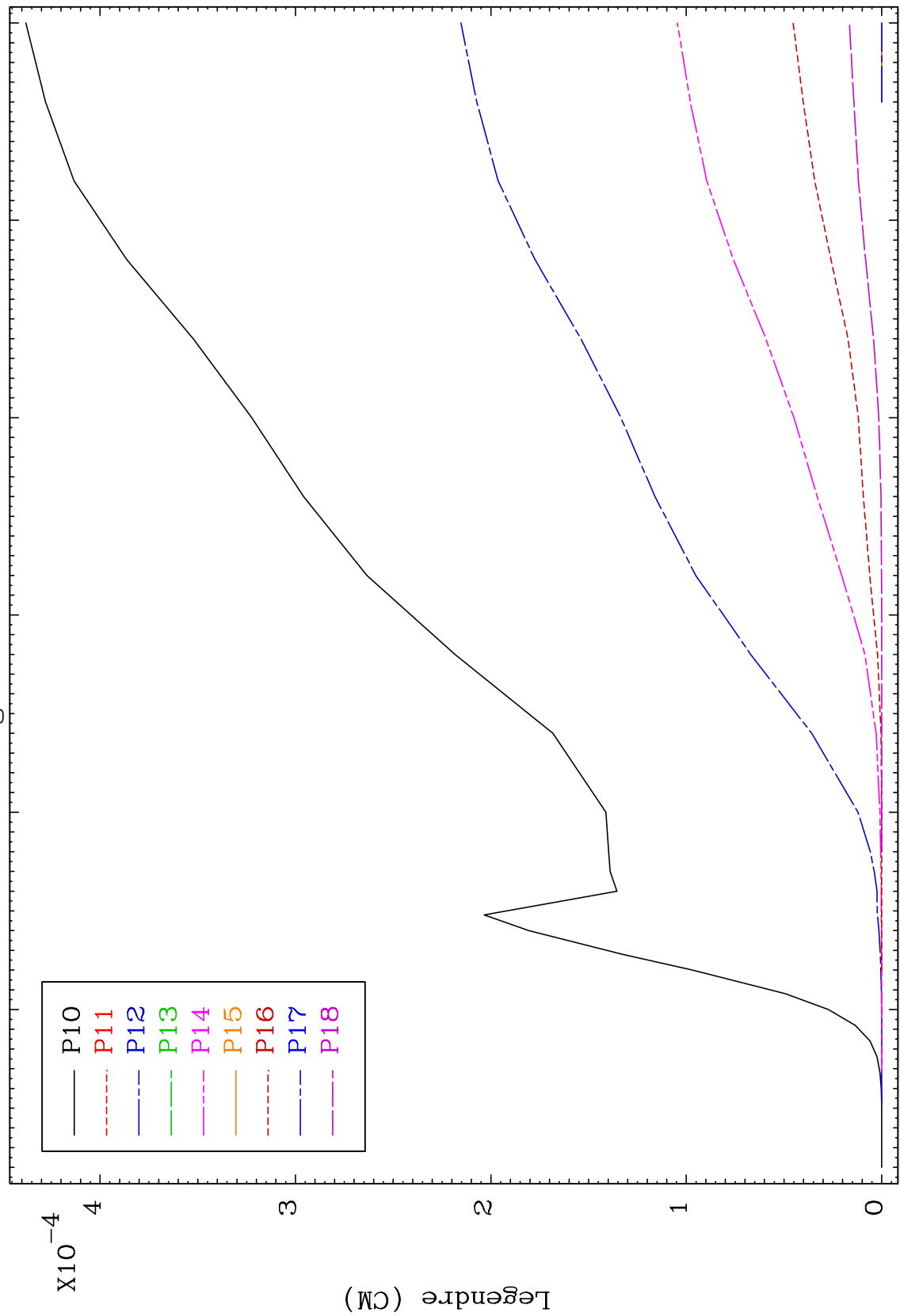




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Elastic Legendre Coefficients

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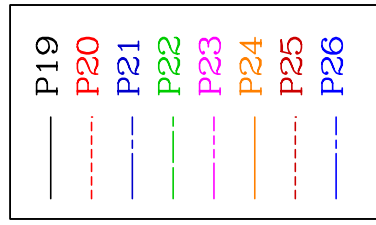
65-Tb-148

Incident Energy (MeV)

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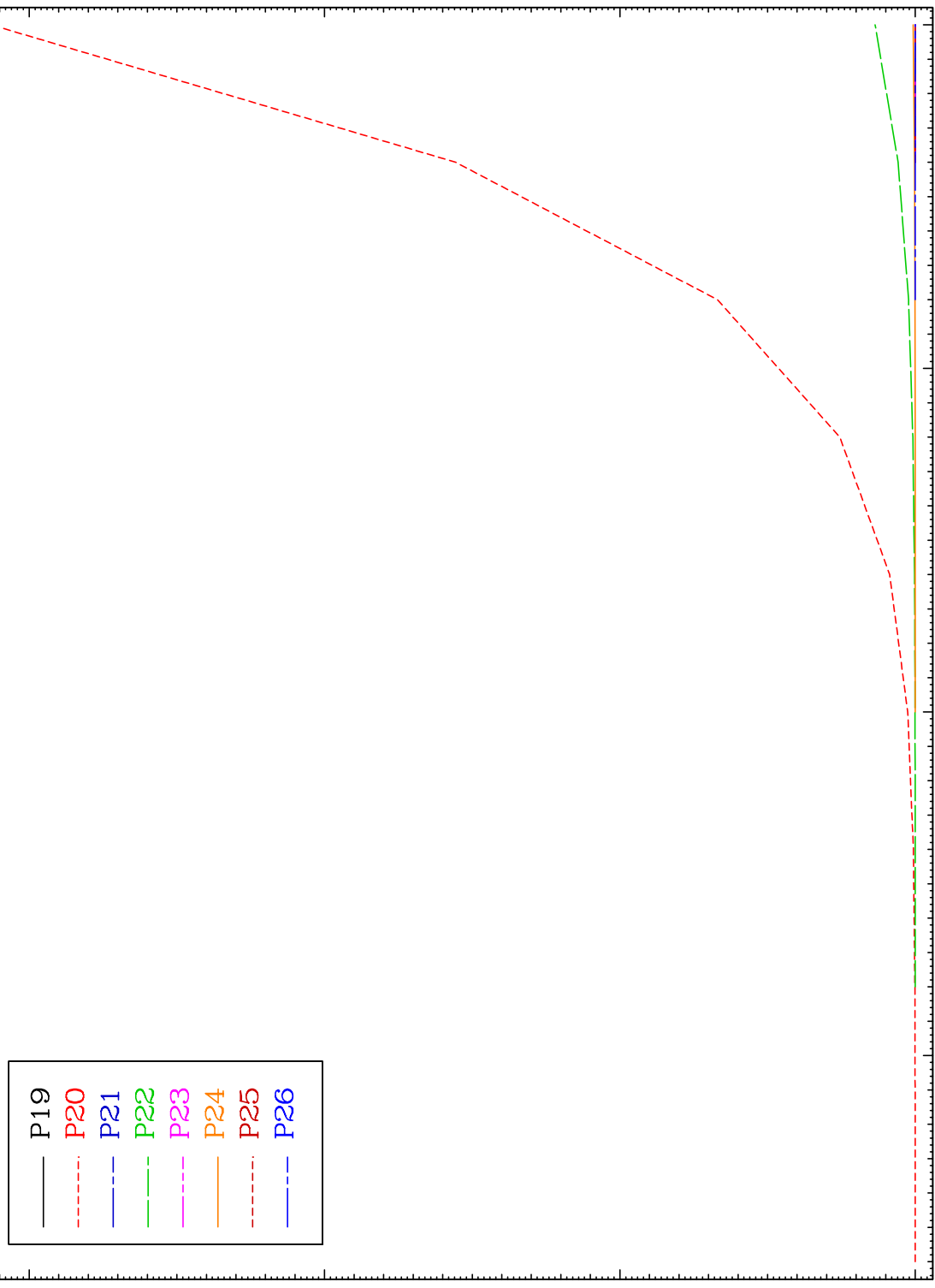
Elastic  
Legendre Coefficients

65-Tb-148



$\times 10^{-63}$

Legendre (CM)



18

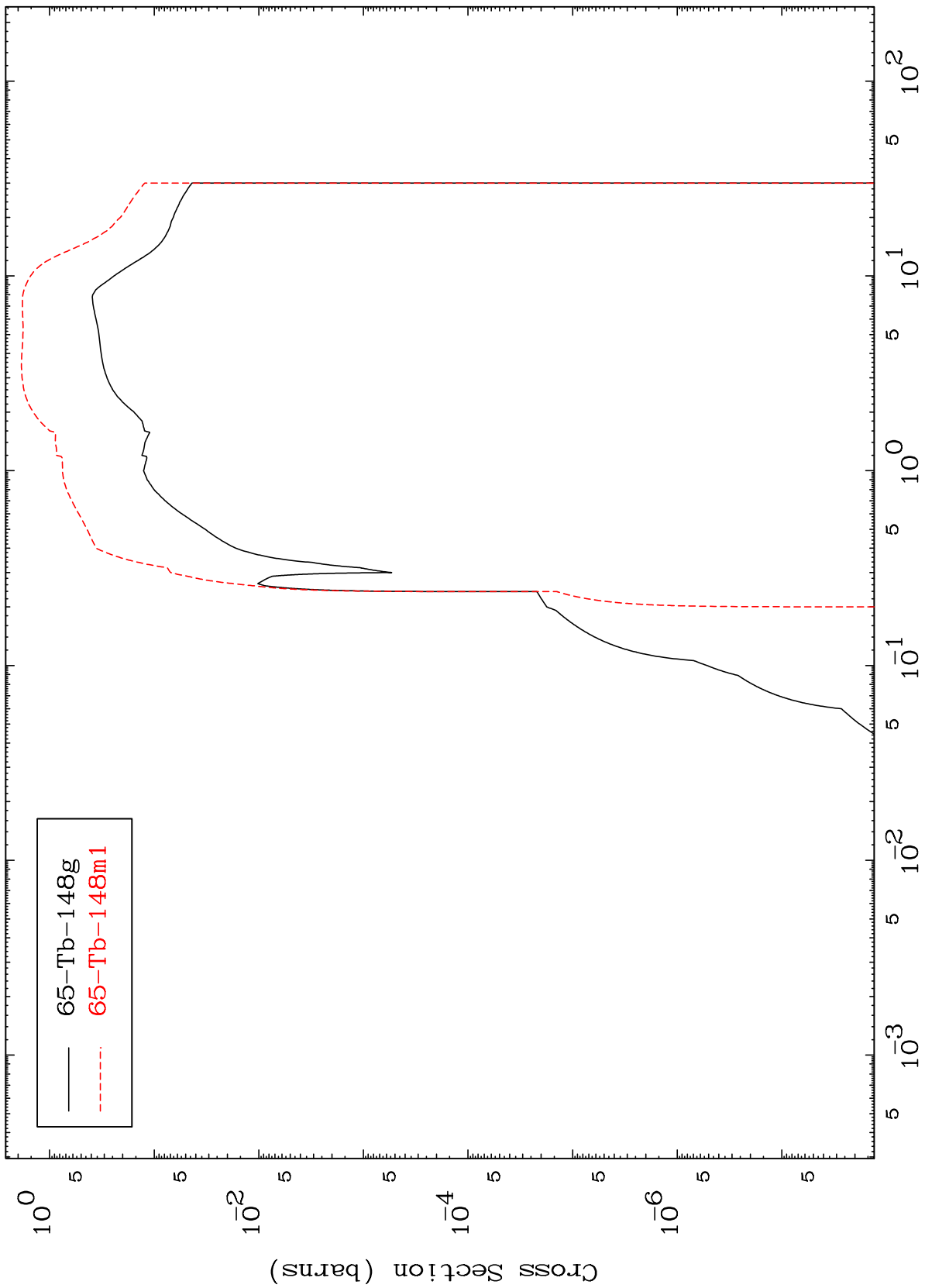
Incident Energy (MeV)

65-Tb-148

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65-Tb-148

Inelastic  
Radionuclide Production Cross Section

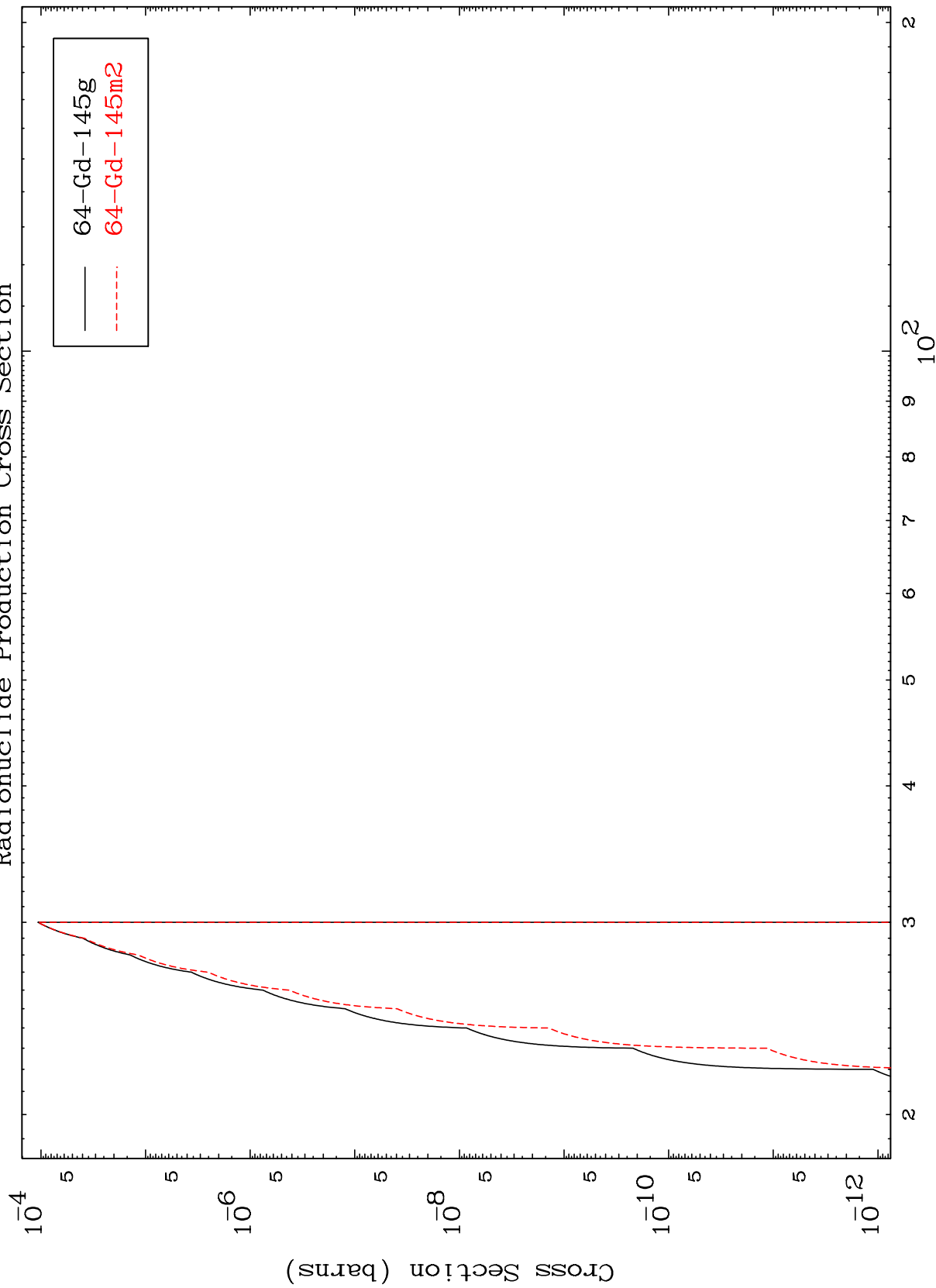


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(n,2n) d

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Radionuclide Production Cross Section



20

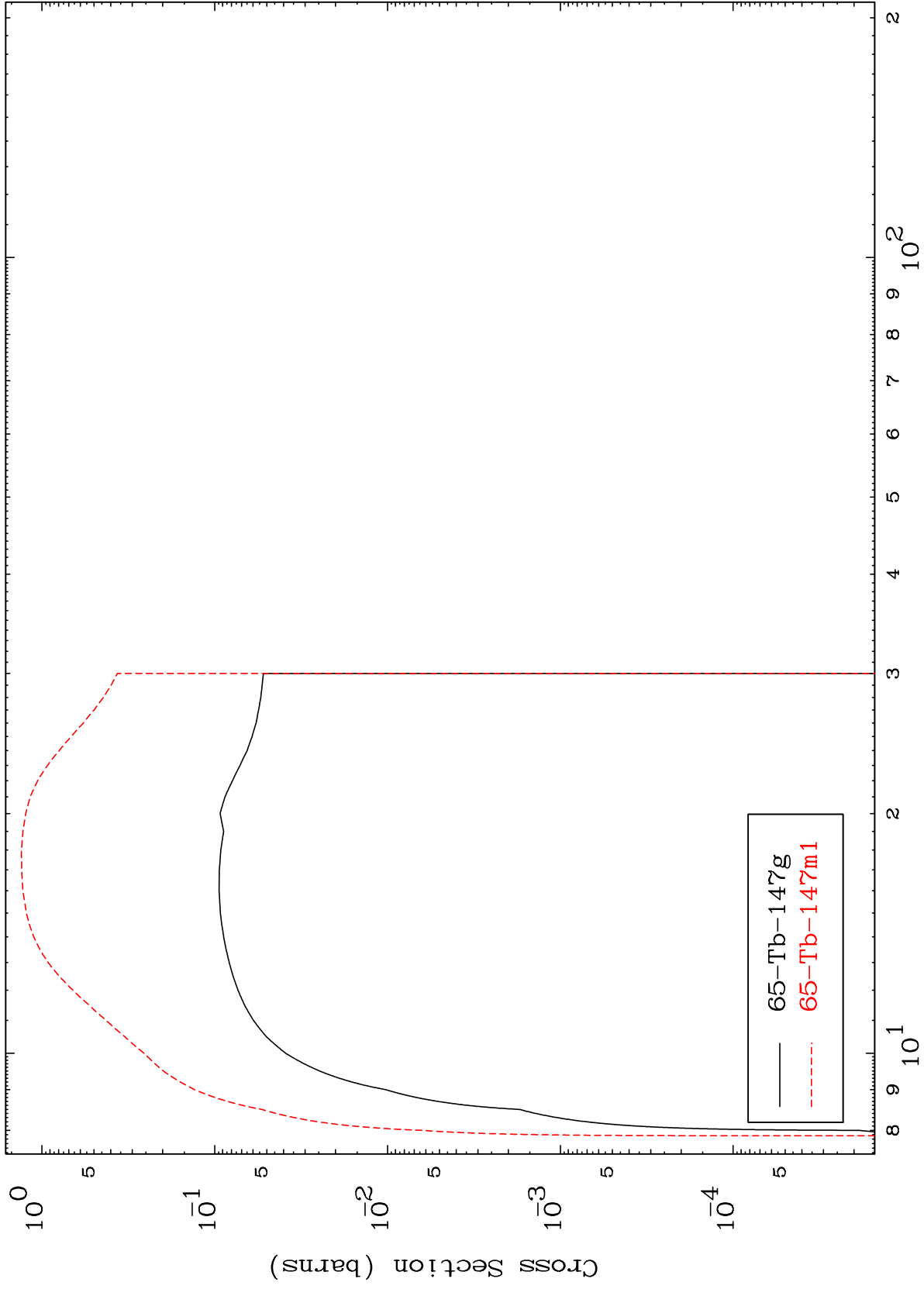
Incident Energy (MeV)

65-Tb-148

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65-Tb-148

(n,2n)  
Radionuclide Production Cross Section



65-Tb-148

Incident Energy (MeV)

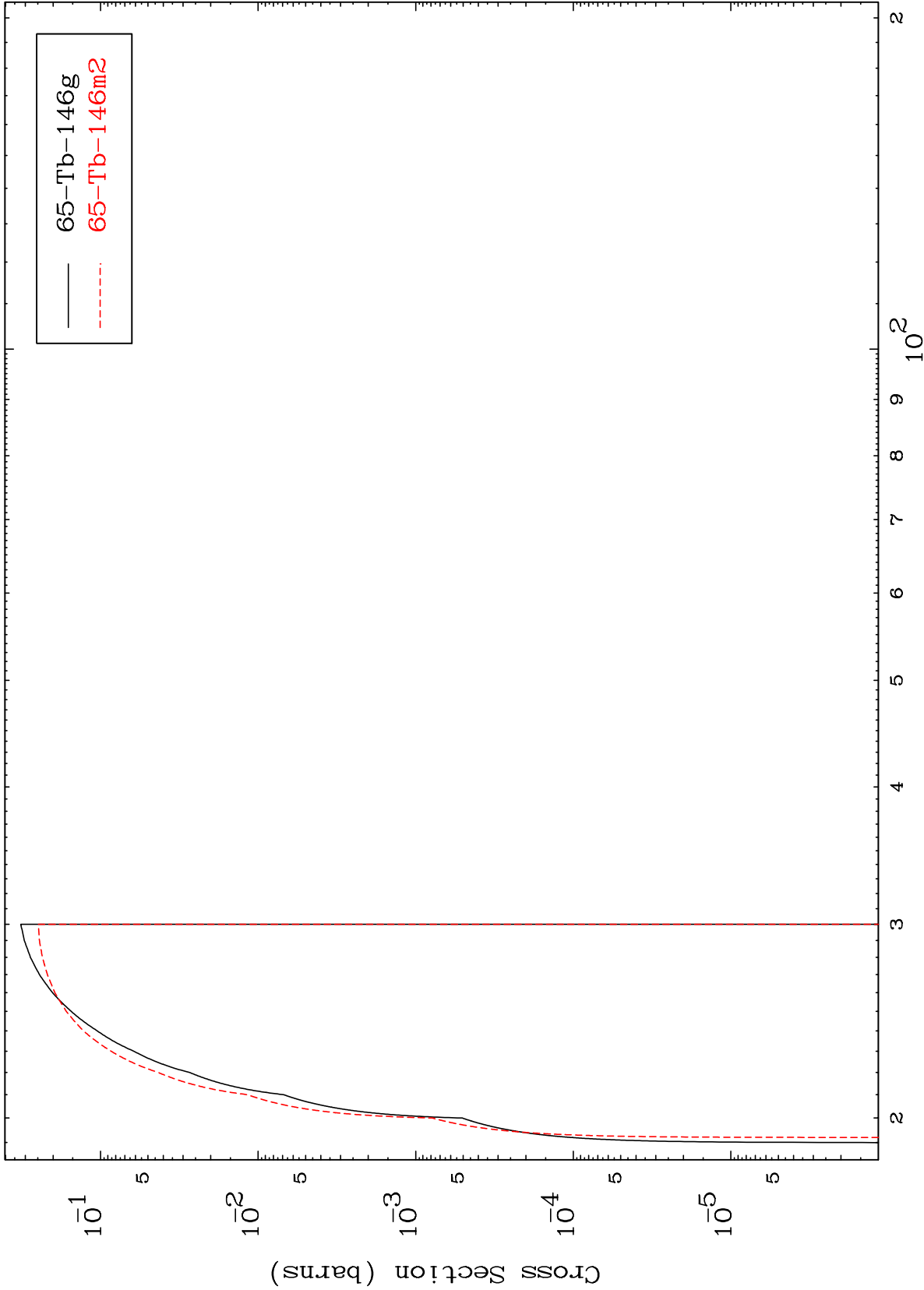
21

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(n,3n)

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Radionuclide Production Cross Section

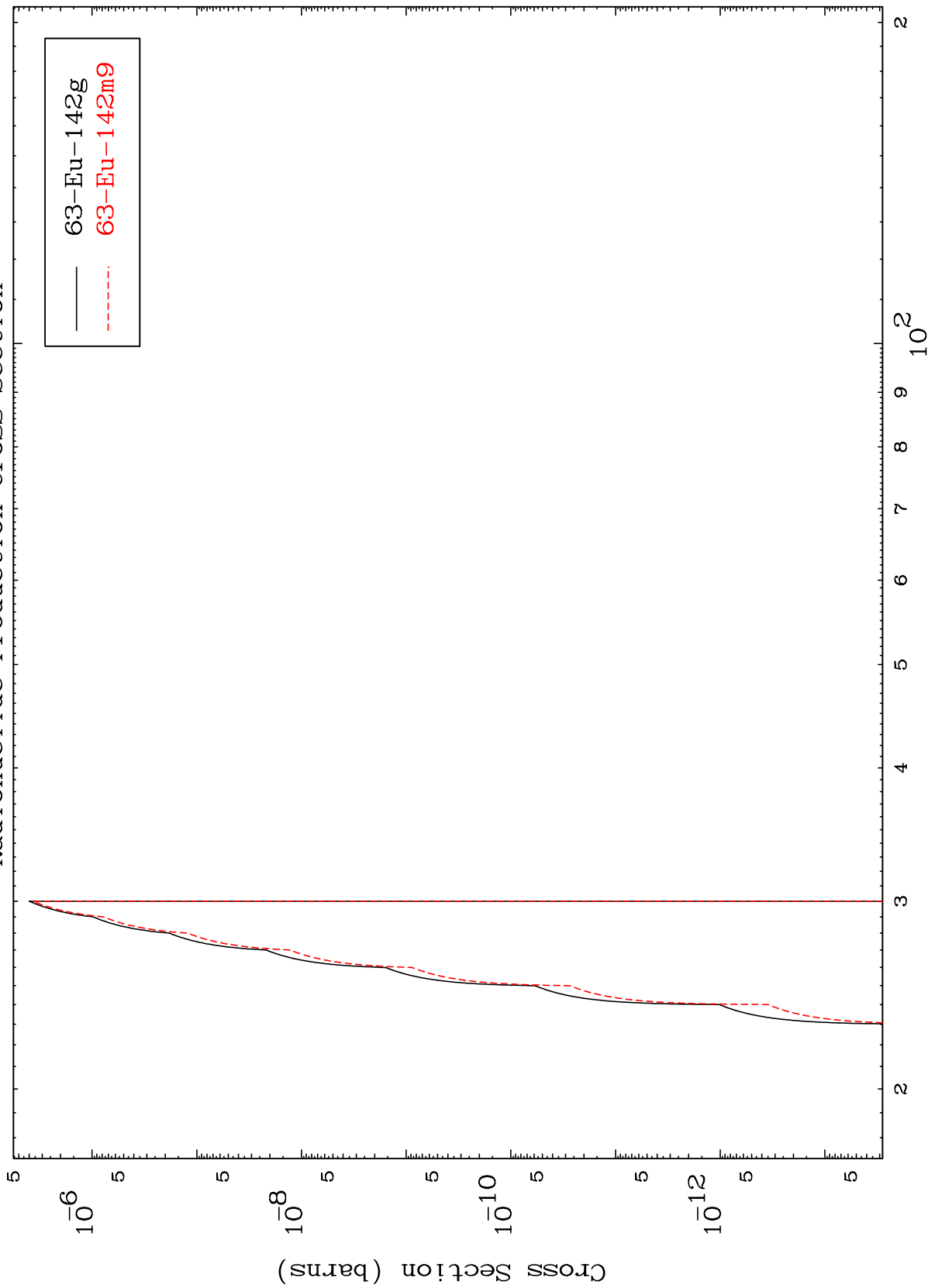


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(n,3n)  $\alpha$

65-Tb-148

Radionuclide Production Cross Section



23

Incident Energy (MeV)

65-Tb-148

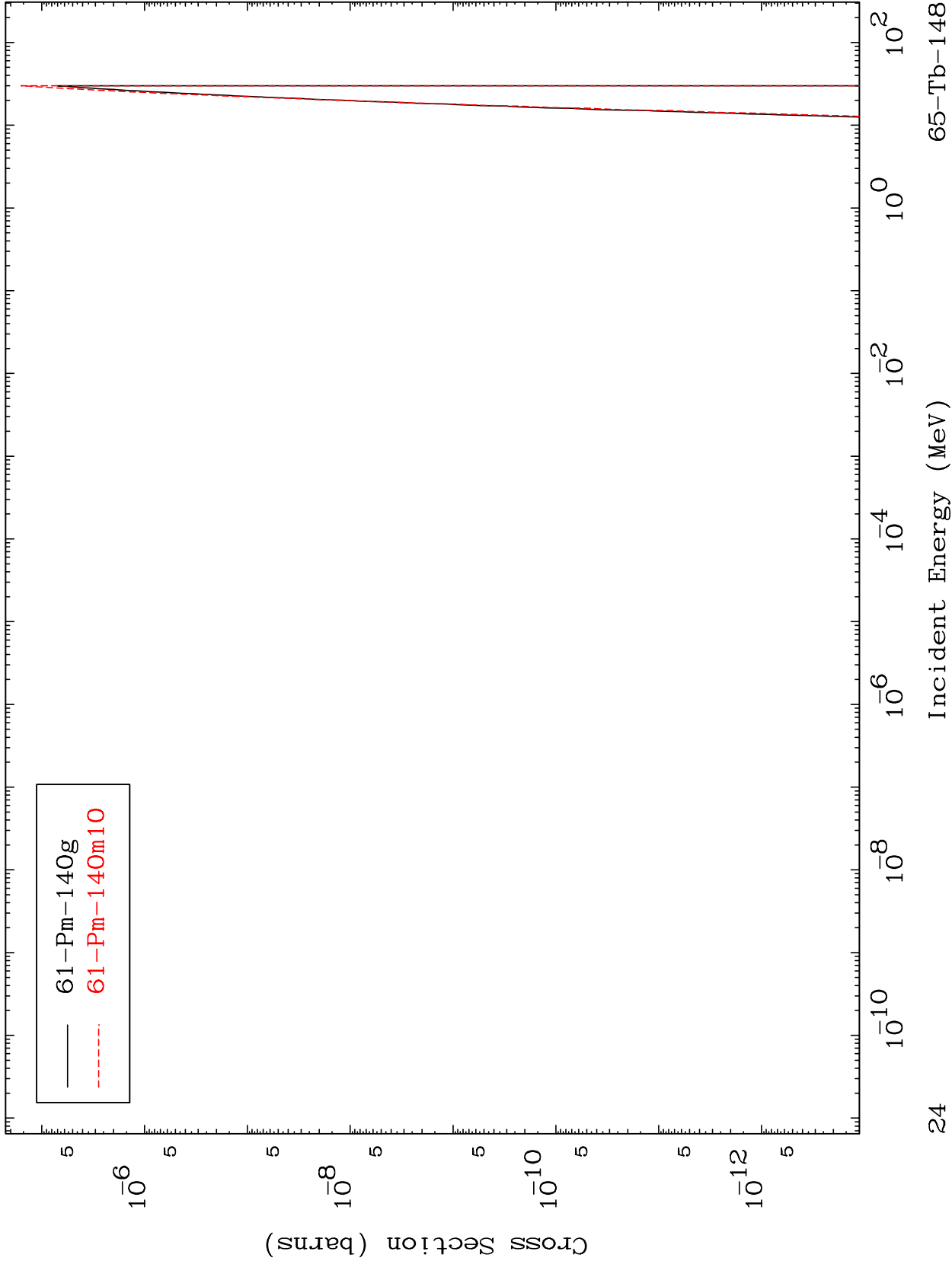


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(n,n') 2 $\alpha$

65-Tb-148

Radionuclide Production Cross Section

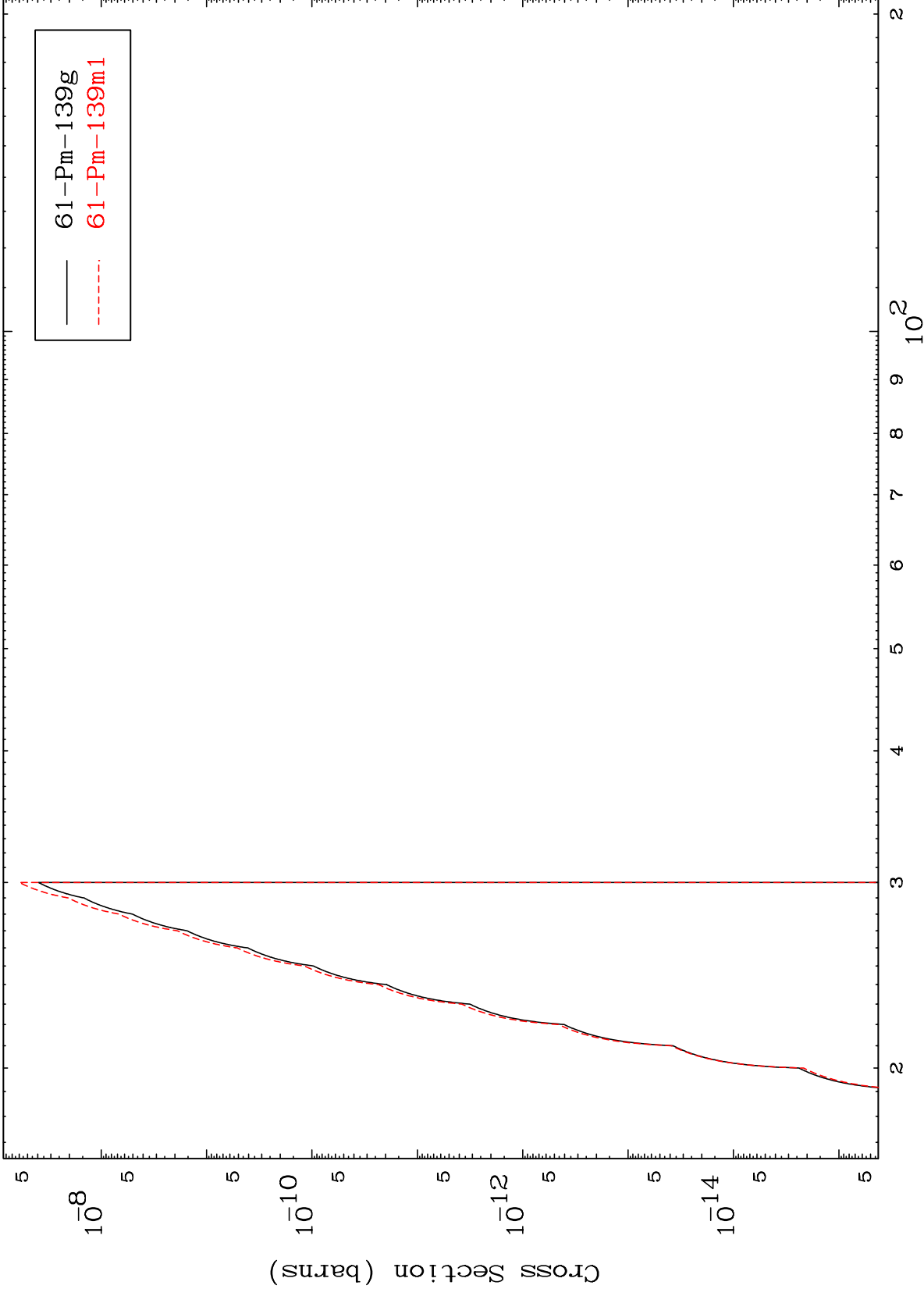


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(n,2n) 2α

65-Tb-148

Radionuclide Production Cross Section



61-Pm-139g  
61-Pm-139m1

25

Incident Energy (MeV)

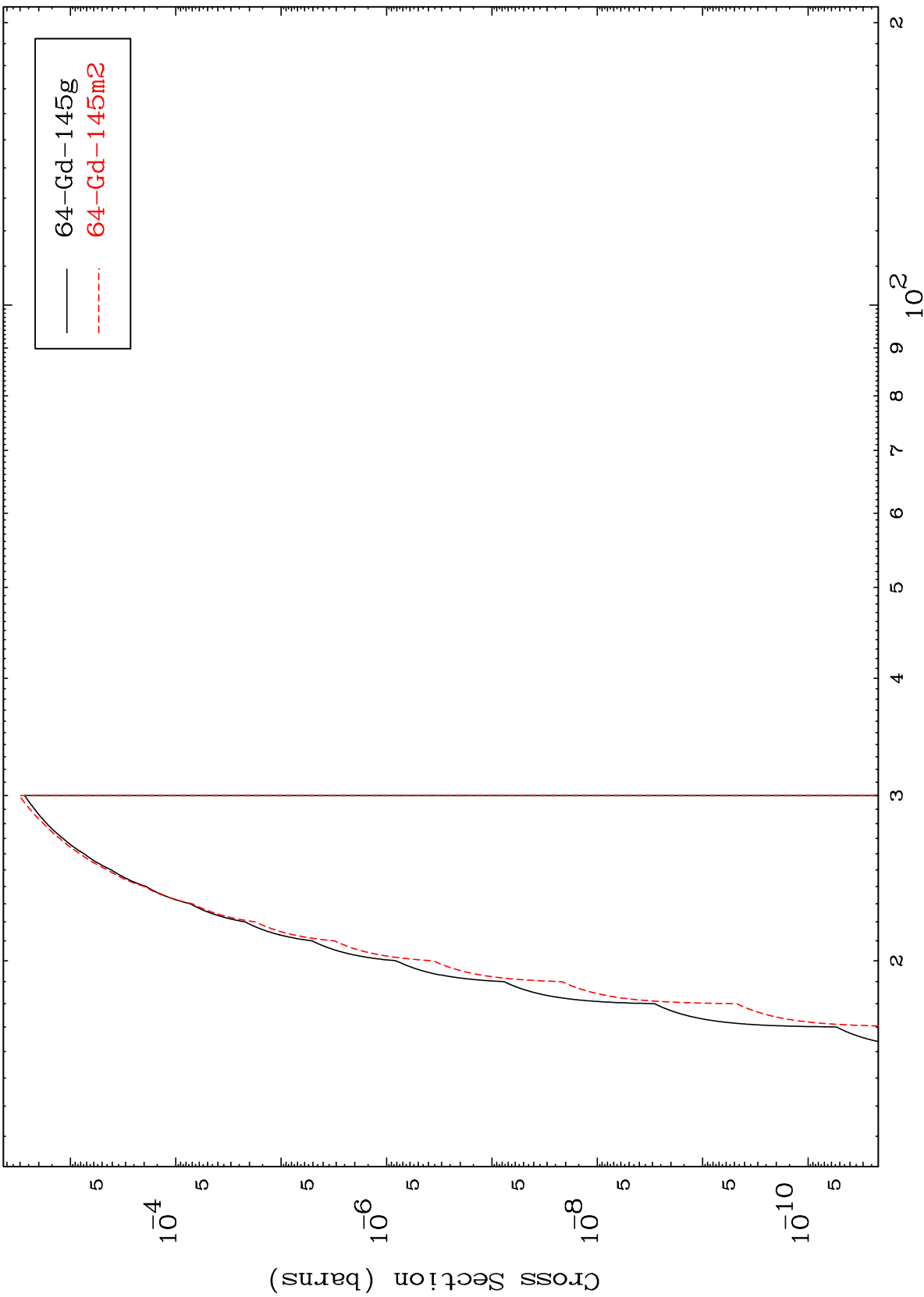
65-Tb-148

MAT 6493

(n,n') t

65-Tb-148

Radionuclide Production Cross Section



26

Incident Energy (MeV)

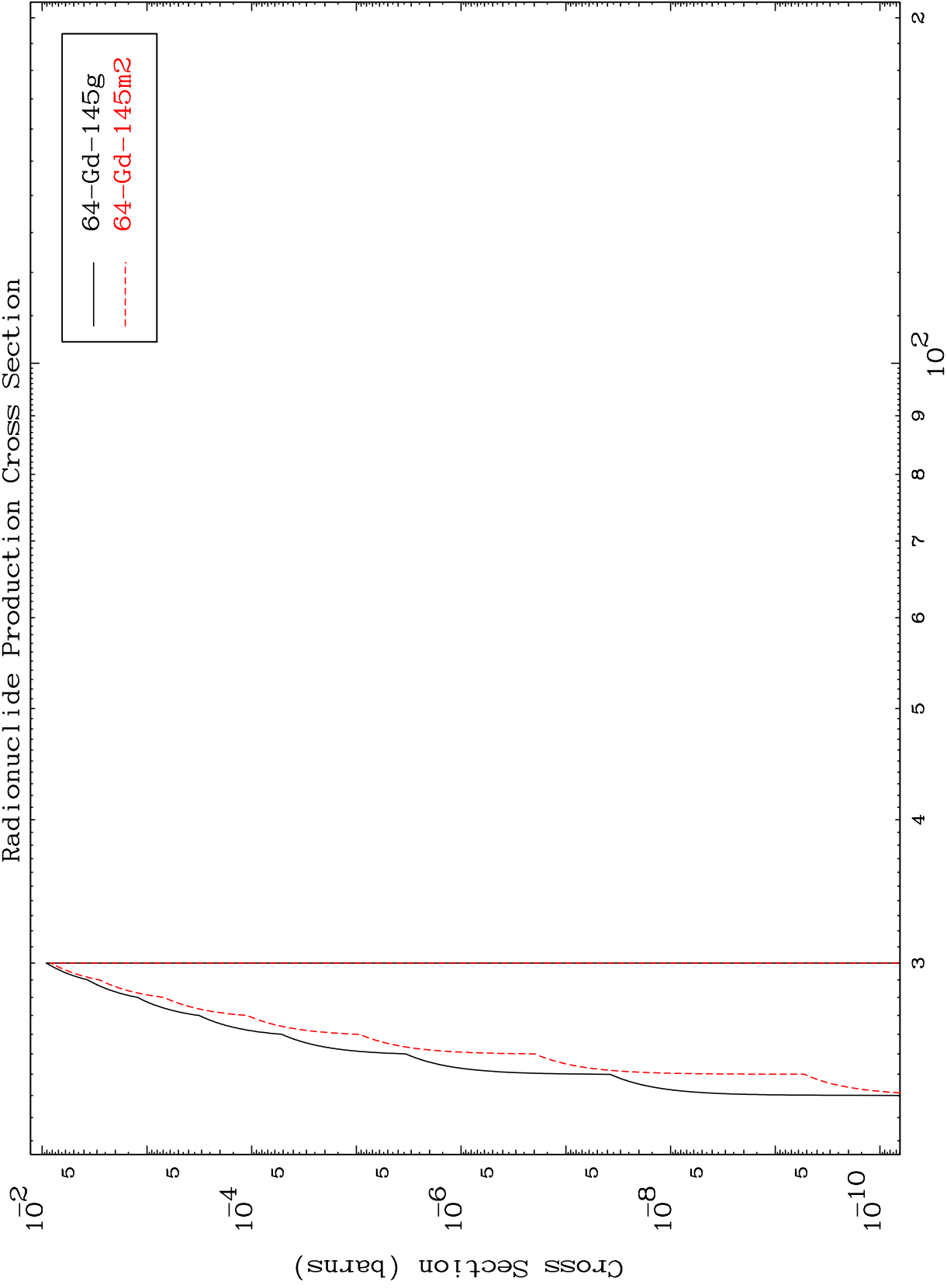
65-Tb-148

MAT 6493

(n,3n) p

65-Tb-148

Radionuclide Production Cross Section



27

Incident Energy (MeV)

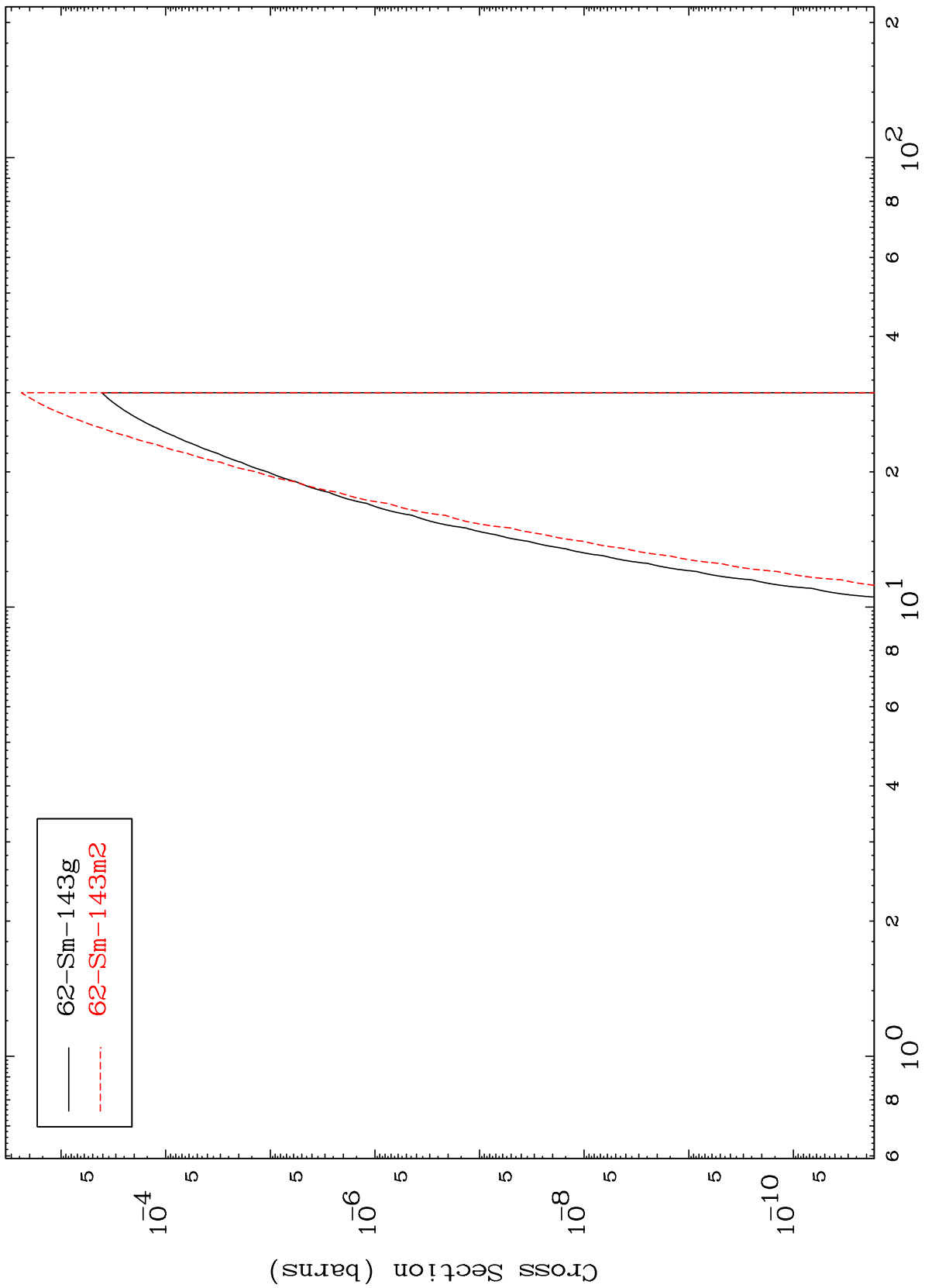
65-Tb-148

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(n,n') p  $\alpha$

65-Tb-148

Radionuclide Production Cross Section



28

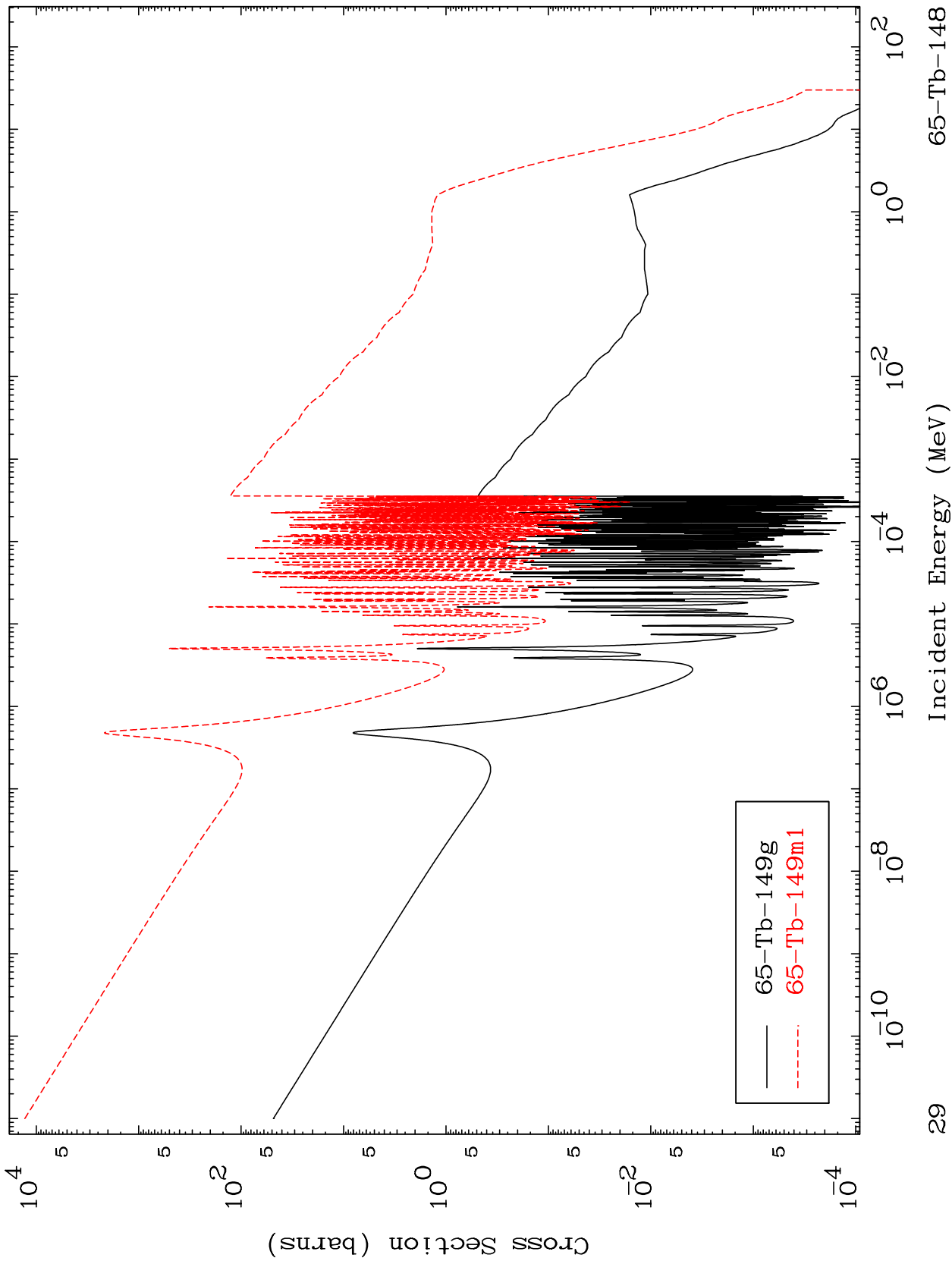
Incident Energy (MeV)

65-Tb-148

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65-Tb-148

(n,γ)  
Radionuclide Production Cross Section



MAT 6493

(n,d)  $\alpha$

65-Tb-148

Radionuclide Production Cross Section

