

Program EVALPLOT  
(Version 2017-1)

by

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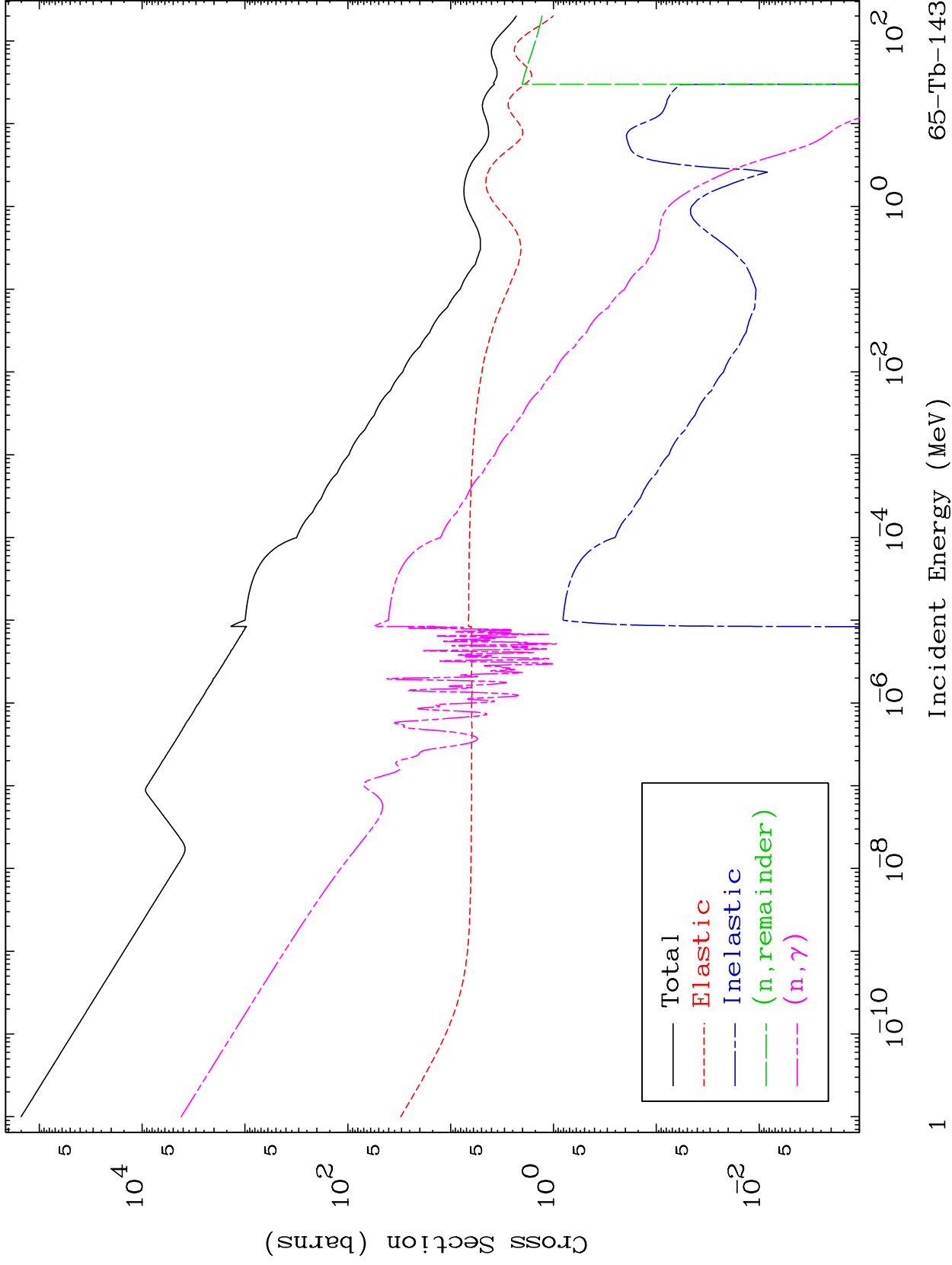
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6478

Major  
293 Kelvin Cross Sections

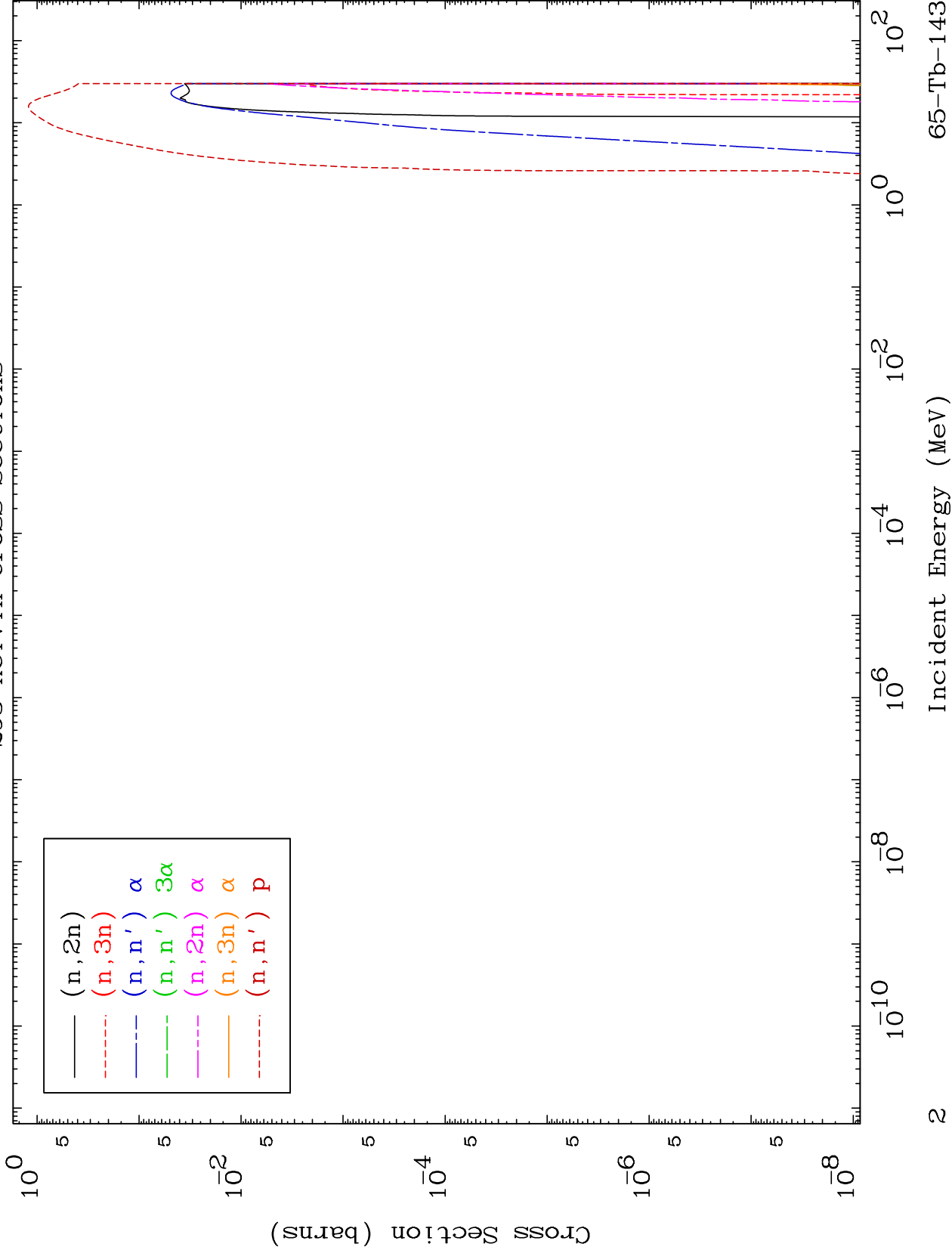
65-Tb-143



MAT 6478

Neutron Production  
293 Kelvin Cross Sections

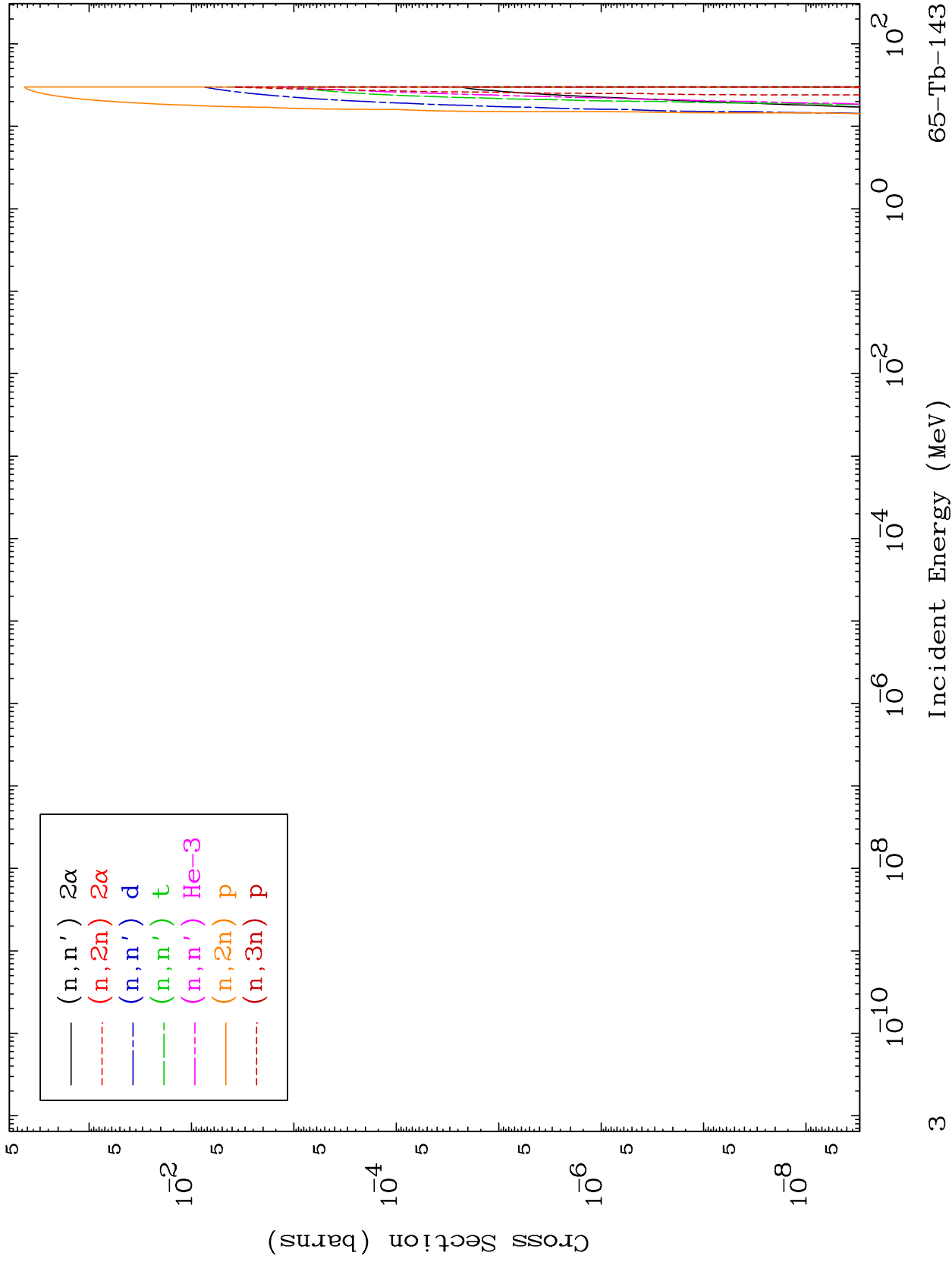
65-Tb-143



MAT 6478

Neutron Production  
293 Kelvin Cross Sections

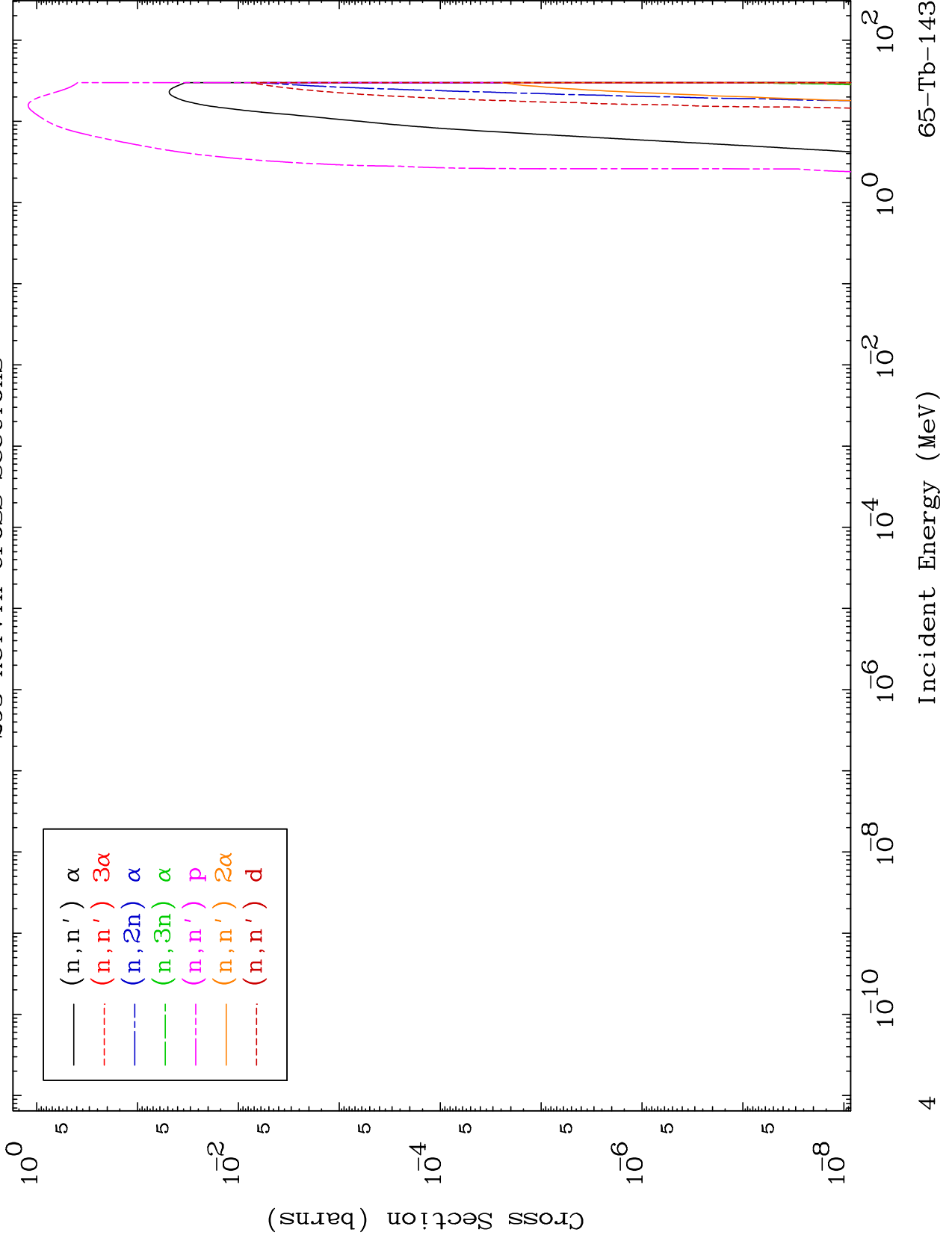
65-Tb-143



MAT 6478

Charged Particle  
293 Kelvin Cross Sections

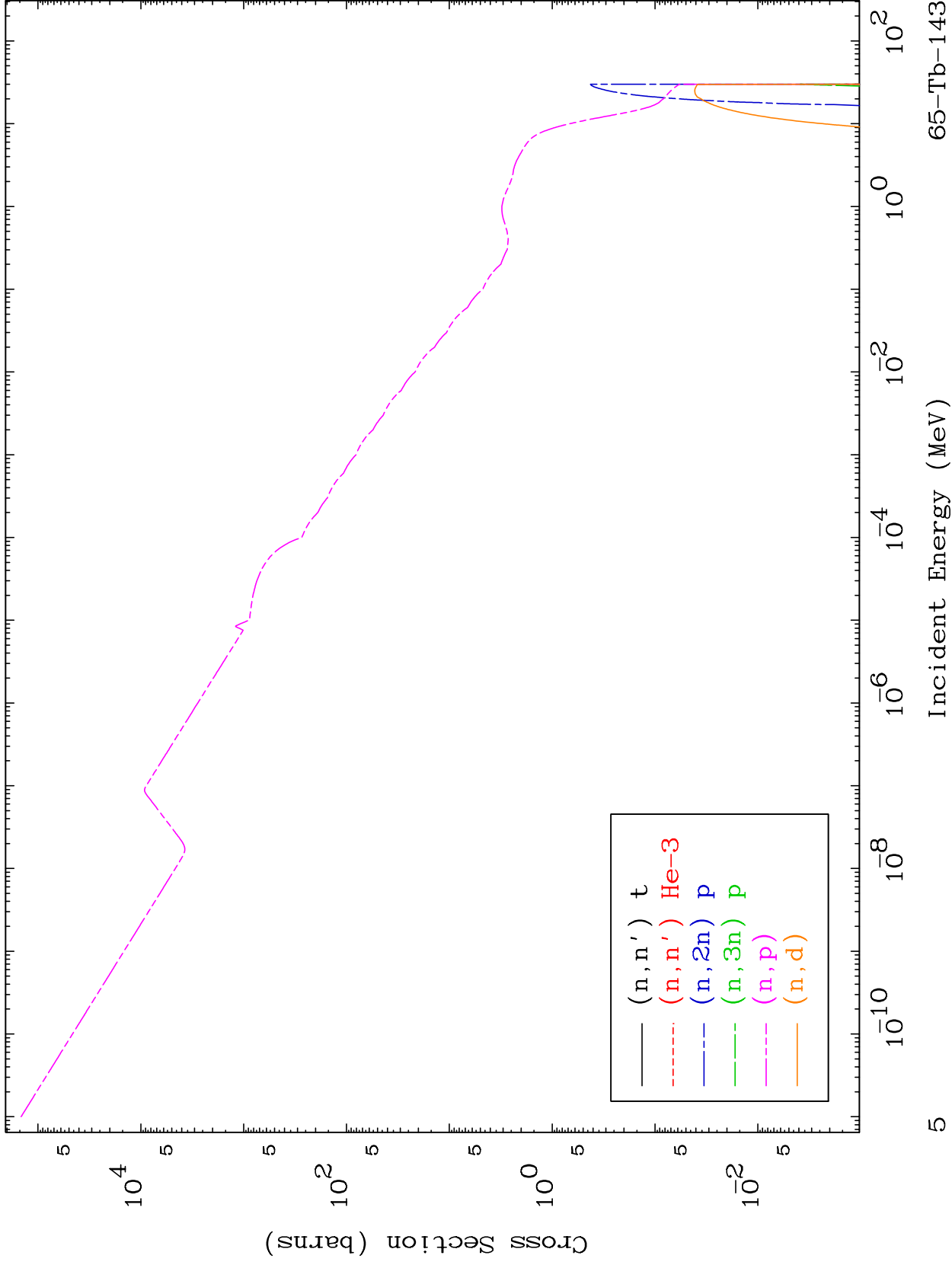
65-Tb-143



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Charged Particle  
293 Kelvin Cross Sections

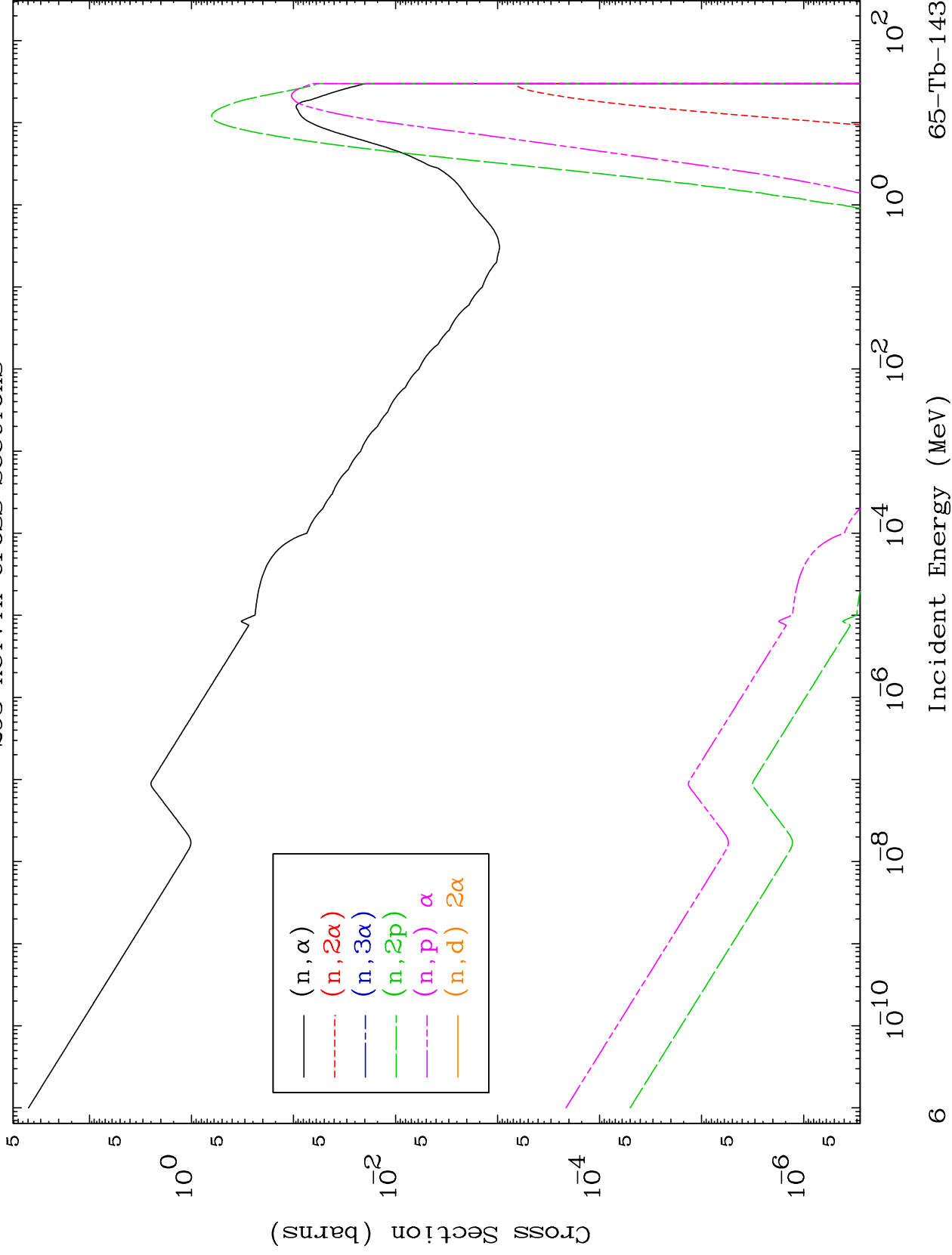
65-Tb-143



MAT 6478

Charged Particle  
293 Kelvin Cross Sections

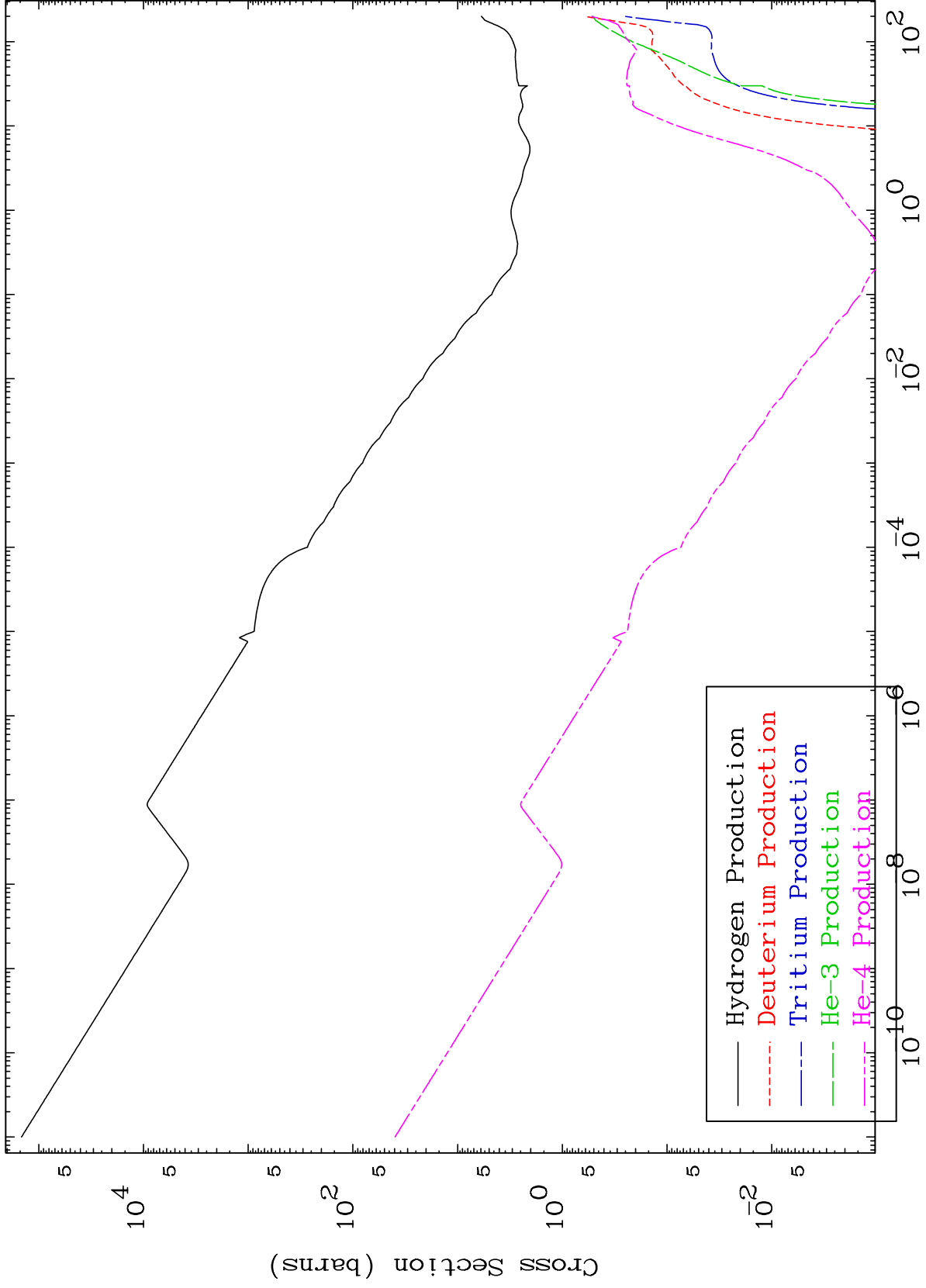
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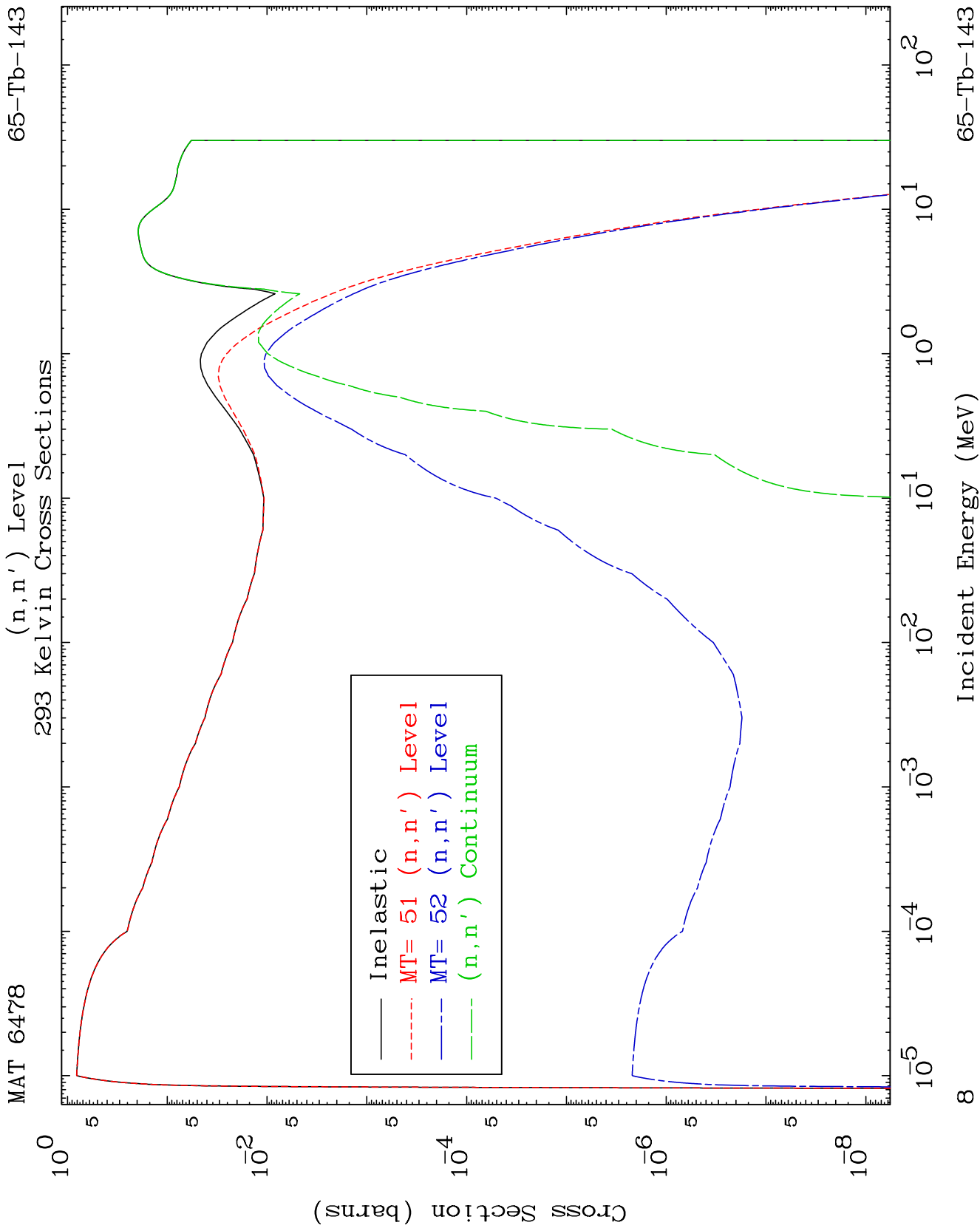
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Particle Production  
293 Kelvin Cross Sections

65-Tb-143



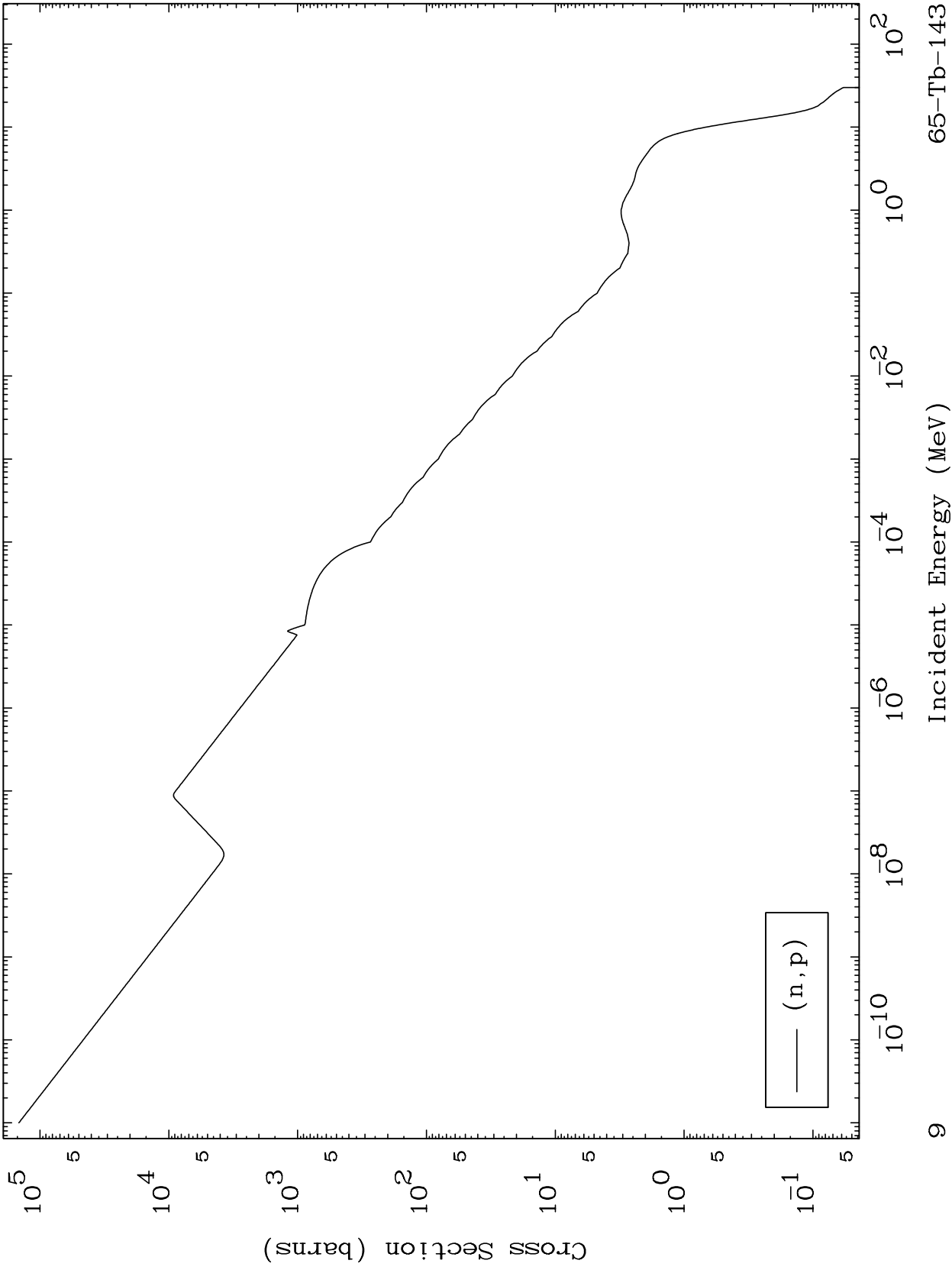




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(n,p) Levels  
293 Kelvin Cross Sections

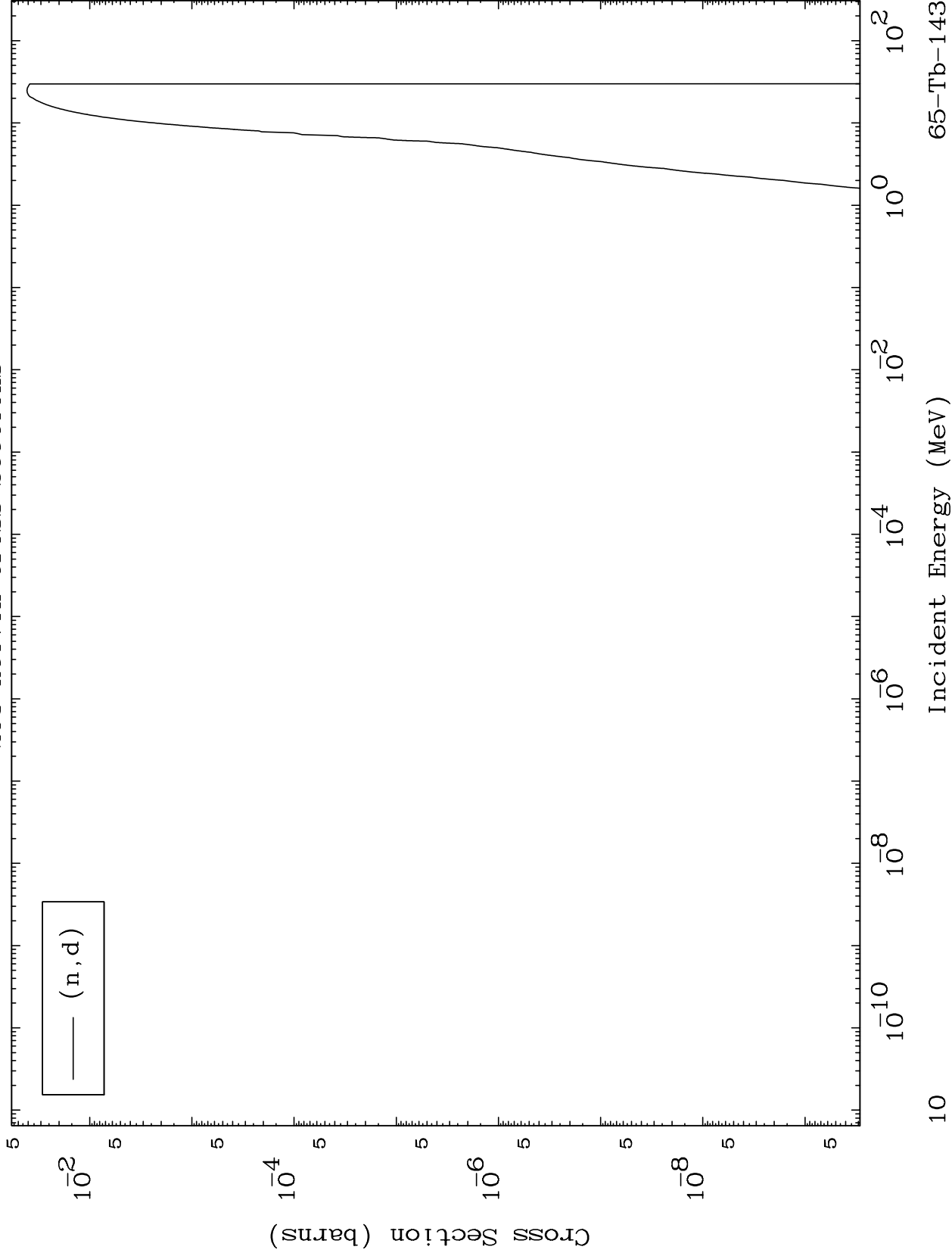
65-Tb-143



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(n,d) Levels  
293 Kelvin Cross Sections

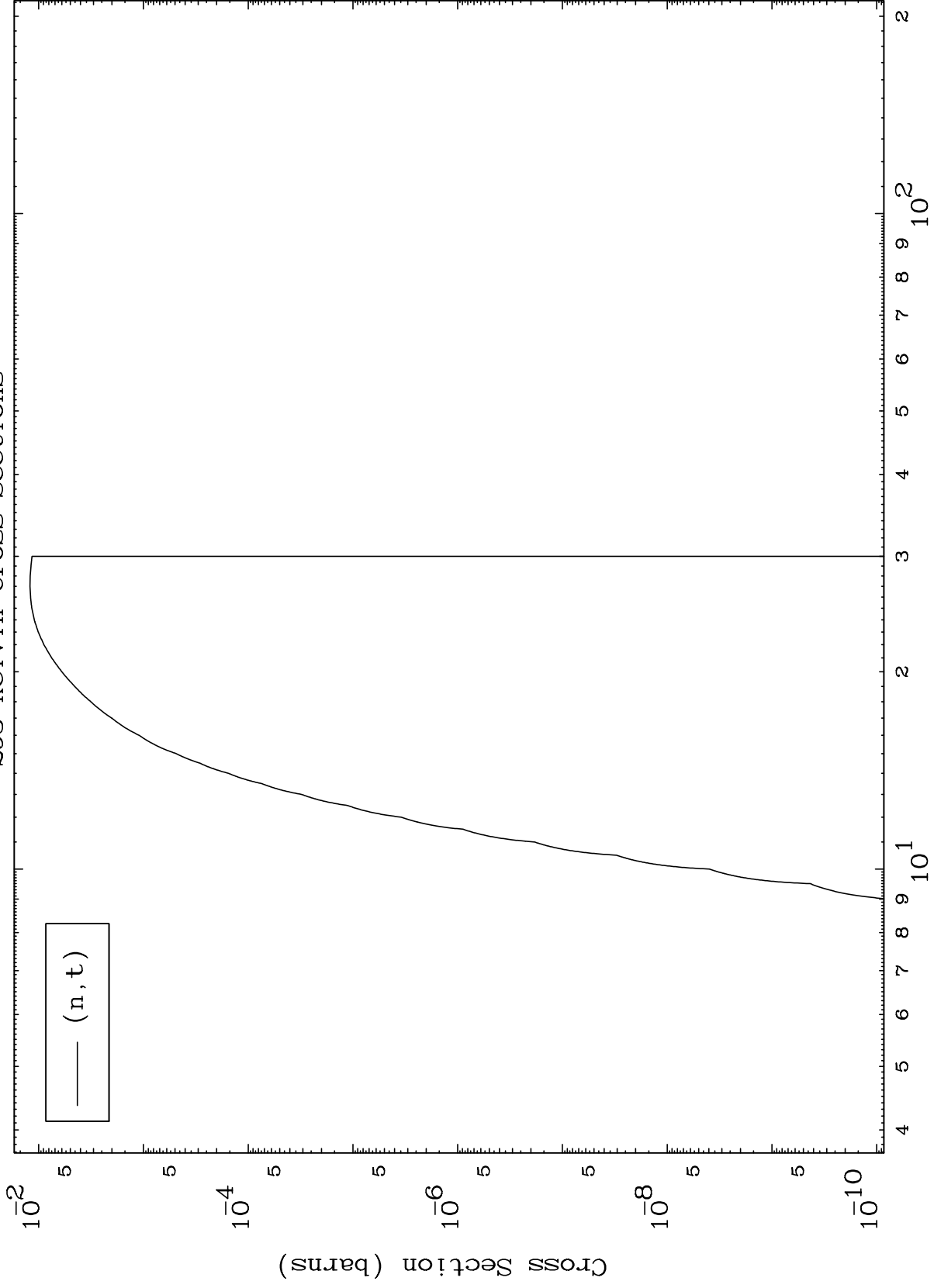
65-Tb-143



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(n,t) Levels  
293 Kelvin Cross Sections

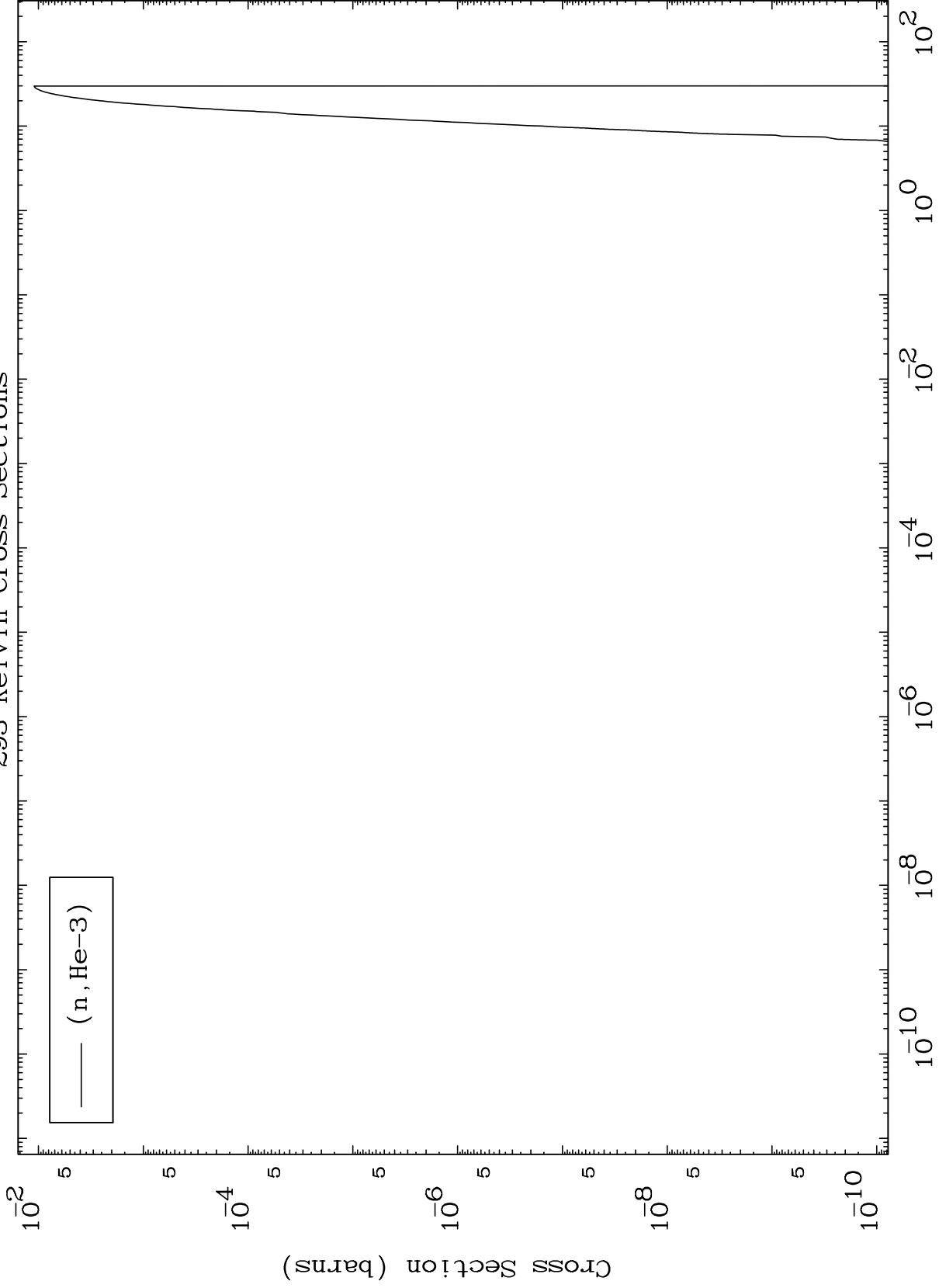
65-Tb-143



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(n,He3) Levels  
293 Kelvin Cross Sections

65-Tb-143

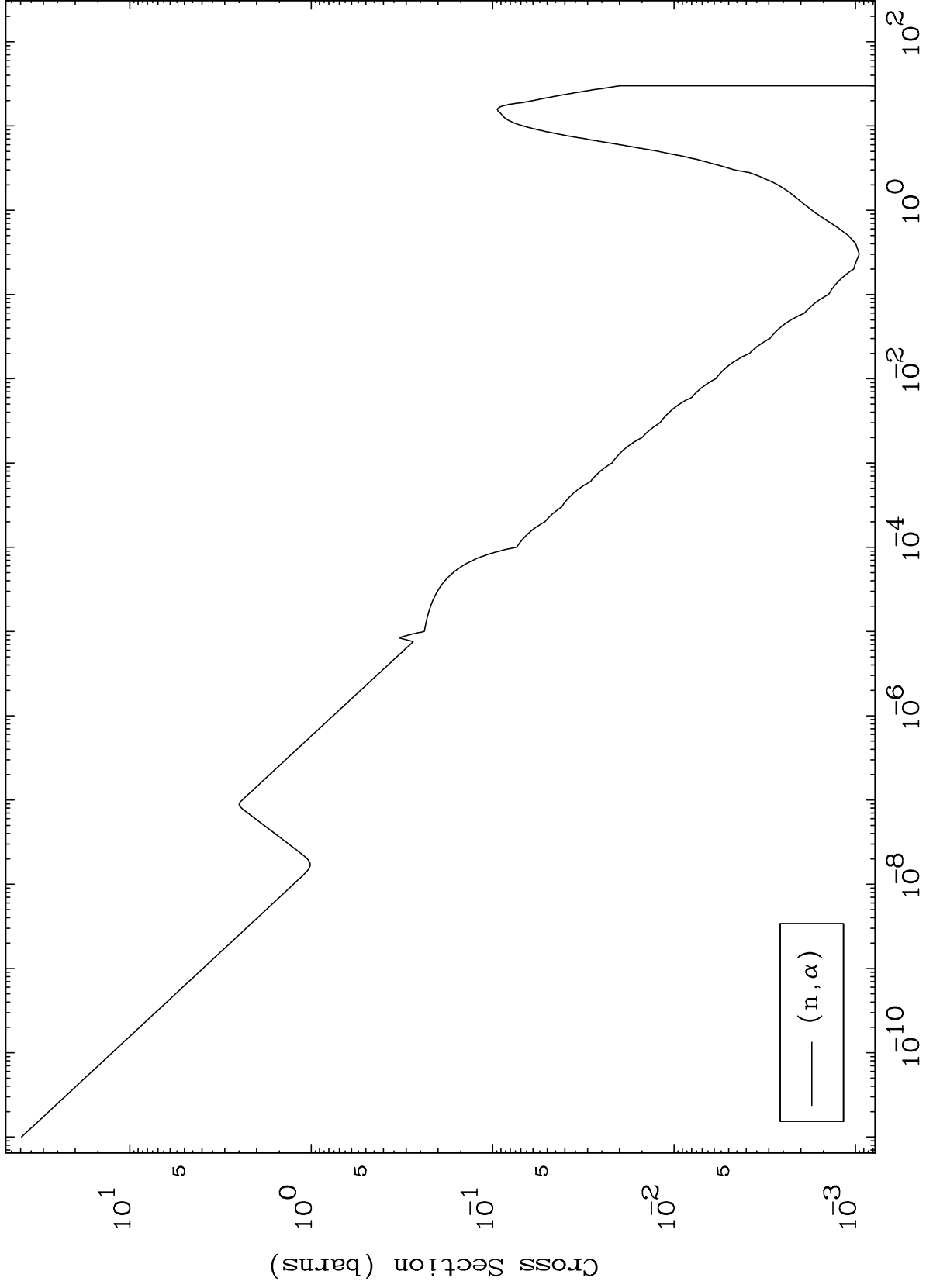


(n, He-3)

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(n,α) Levels  
293 Kelvin Cross Sections

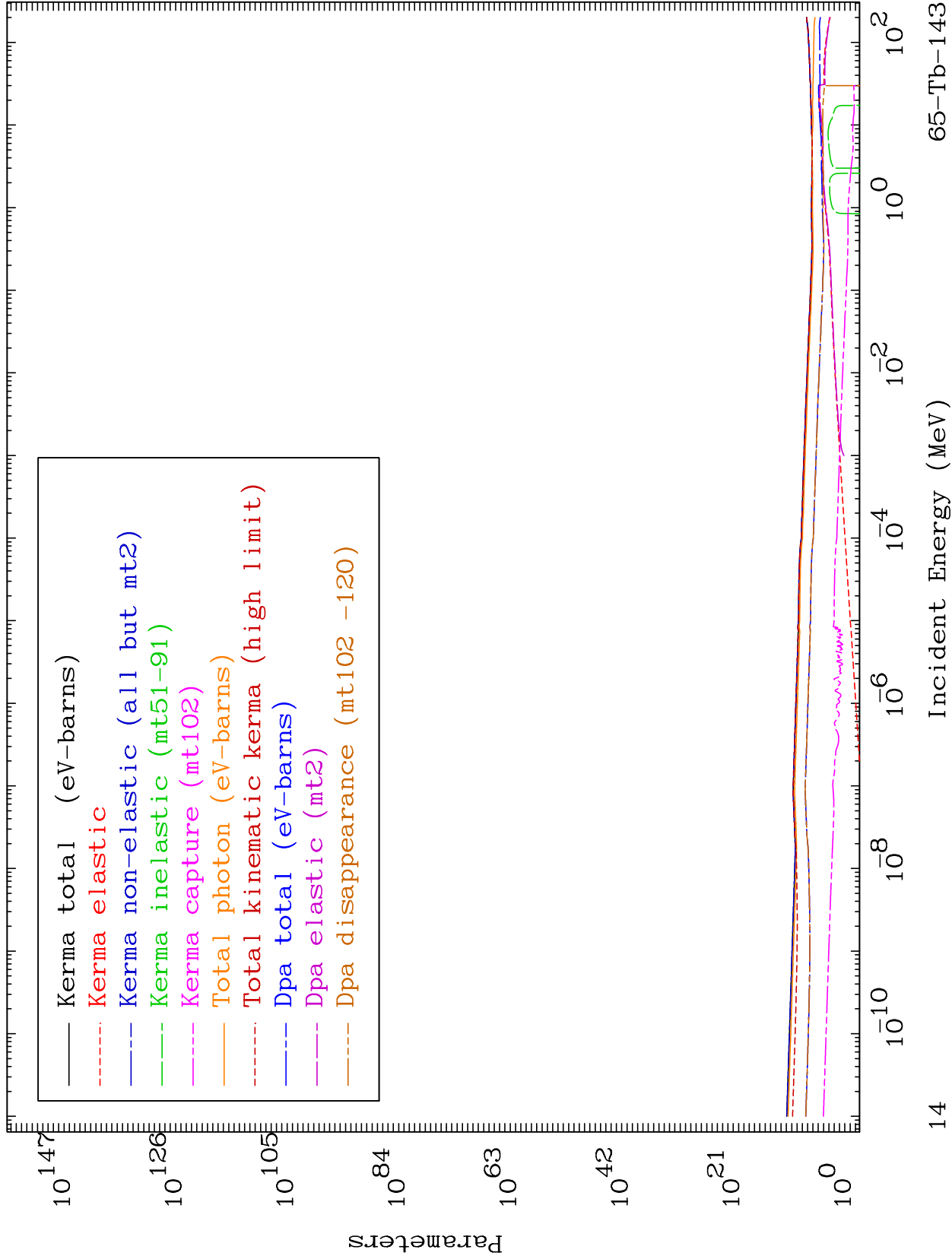
65-Tb-143



13

Incident Energy (MeV)

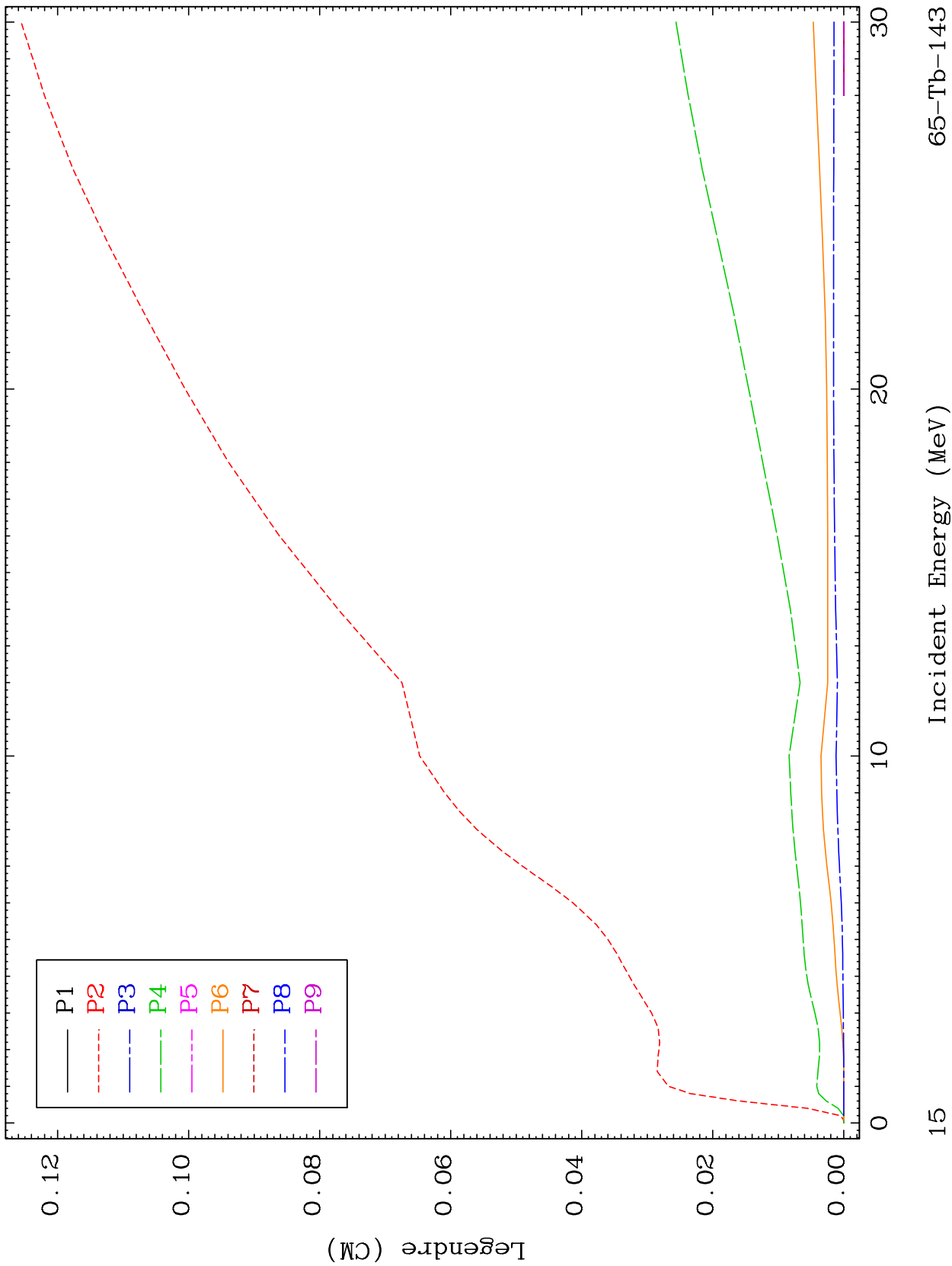
65-Tb-143



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### Elastic Legendre Coefficients

65-Tb-143



65-Tb-143

Incident Energy (MeV)

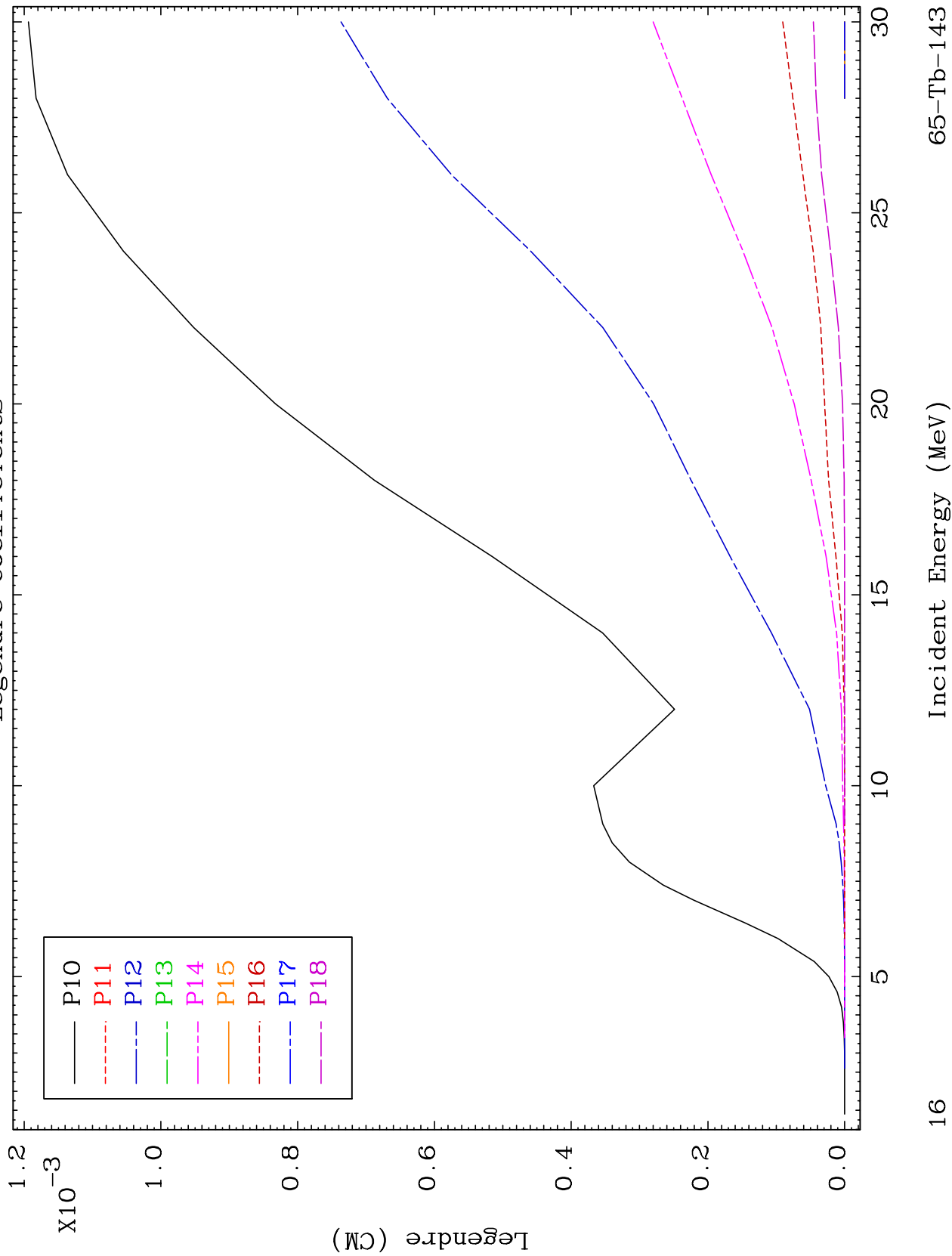
15



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Elastic Legendre Coefficients

65-Tb-143



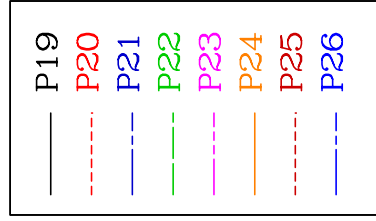
16

65-Tb-143

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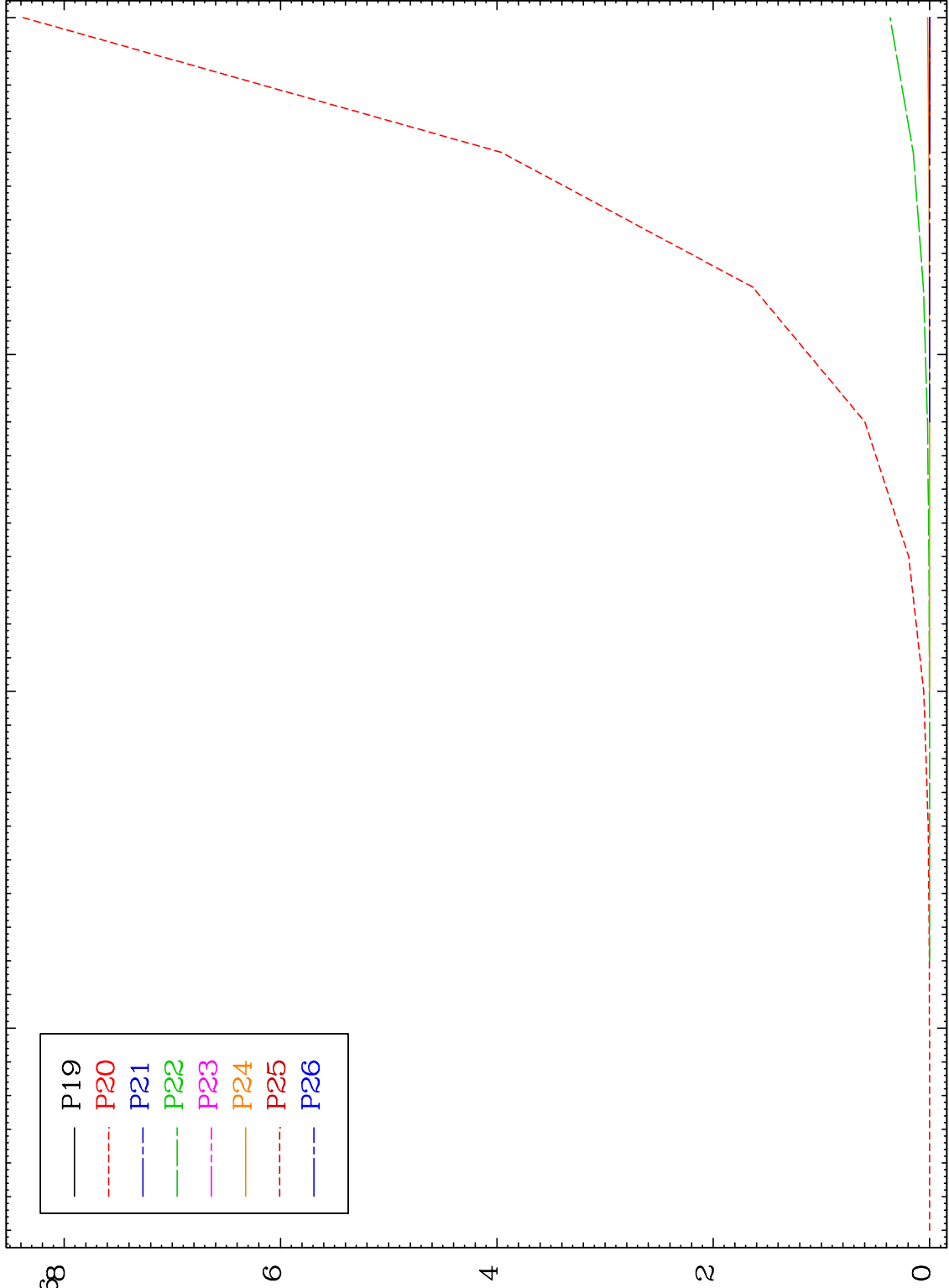
Elastic  
Legendre Coefficients

65-Tb-143



$\times 10^{-68}$

Legendre (CM)



17

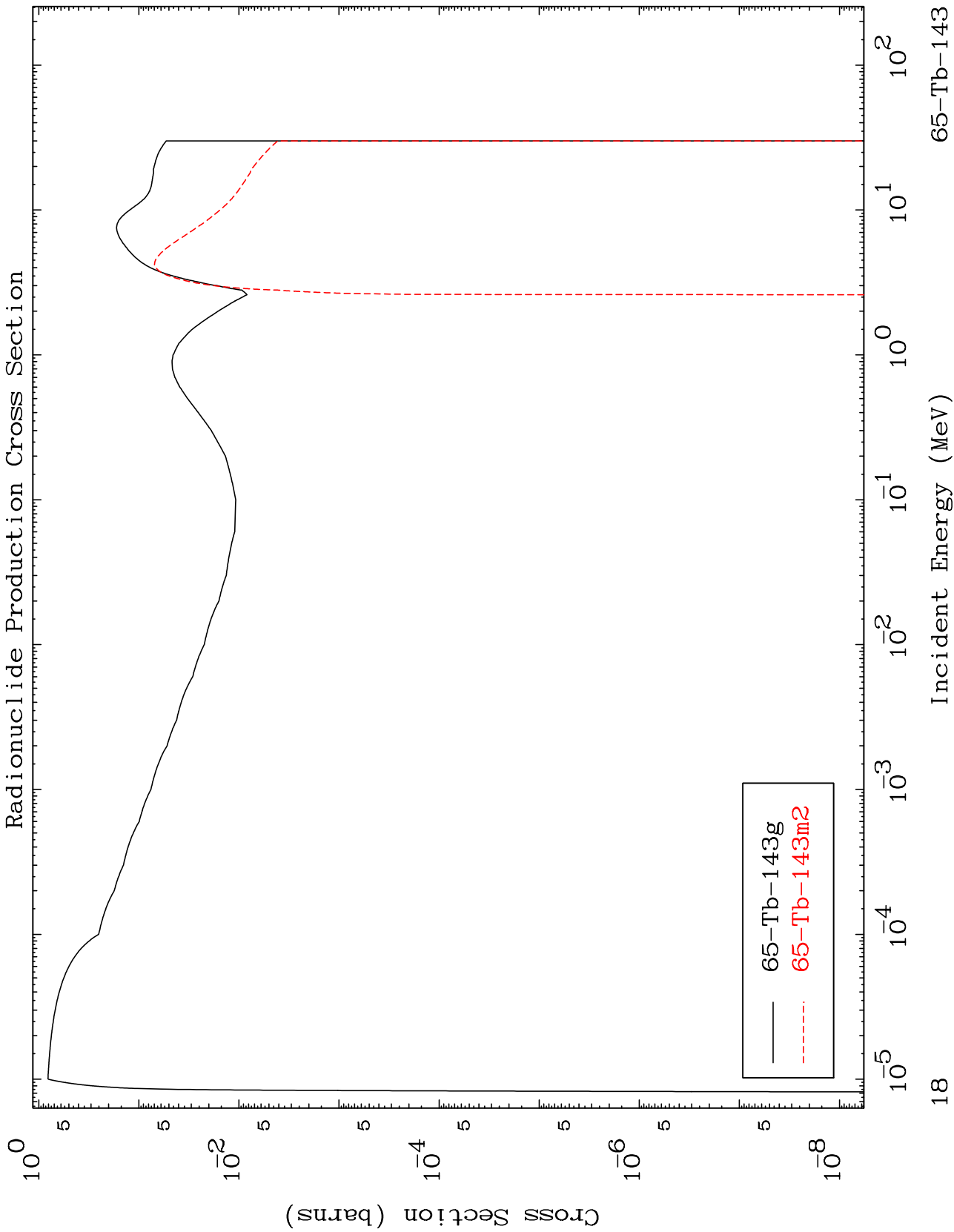
Incident Energy (MeV)

65-Tb-143

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65-Tb-143

Inelastic  
Radionuclide Production Cross Section

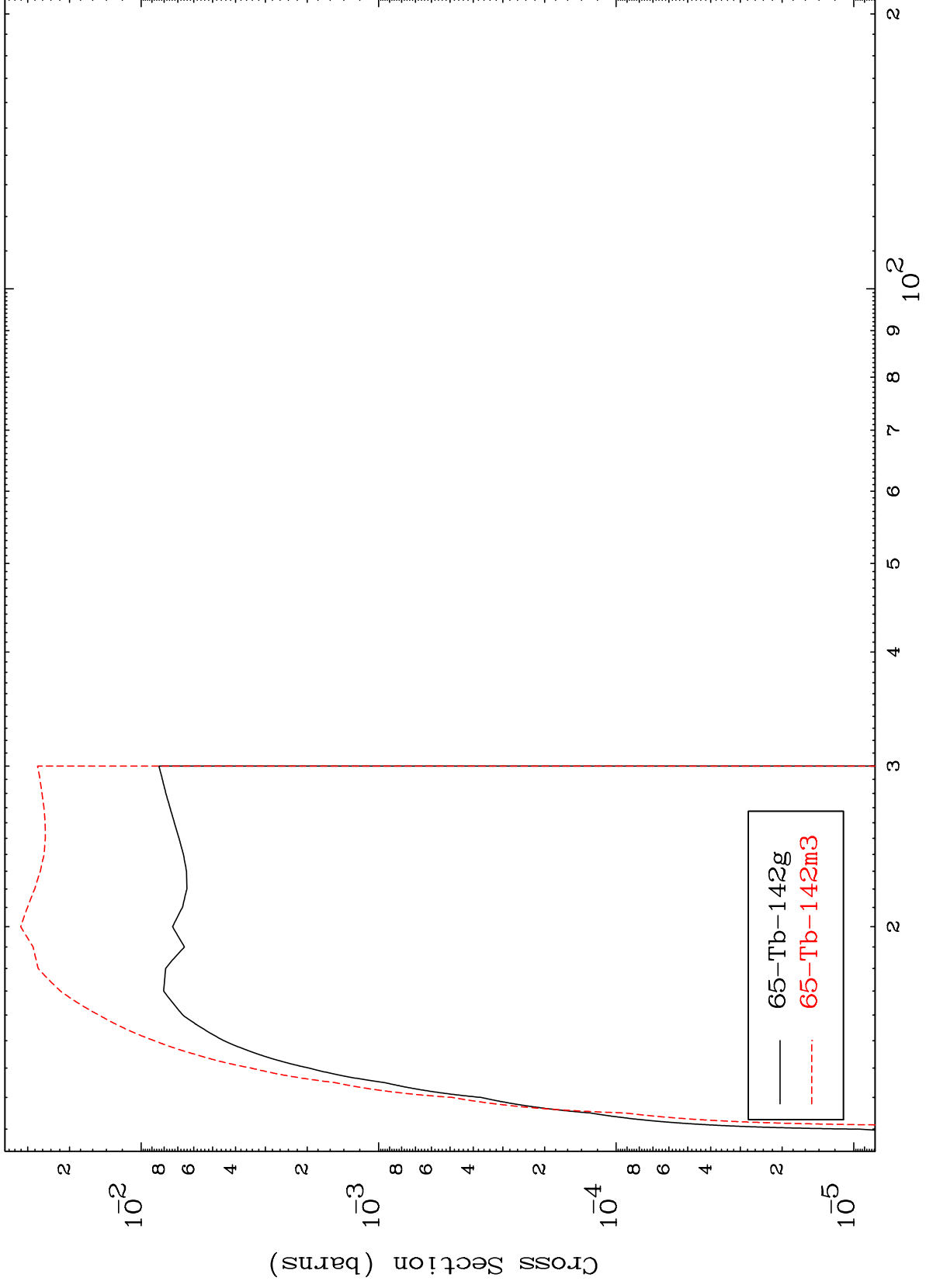


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(n,2n)

65-Tb-143

Radionuclide Production Cross Section



19

Incident Energy (MeV)

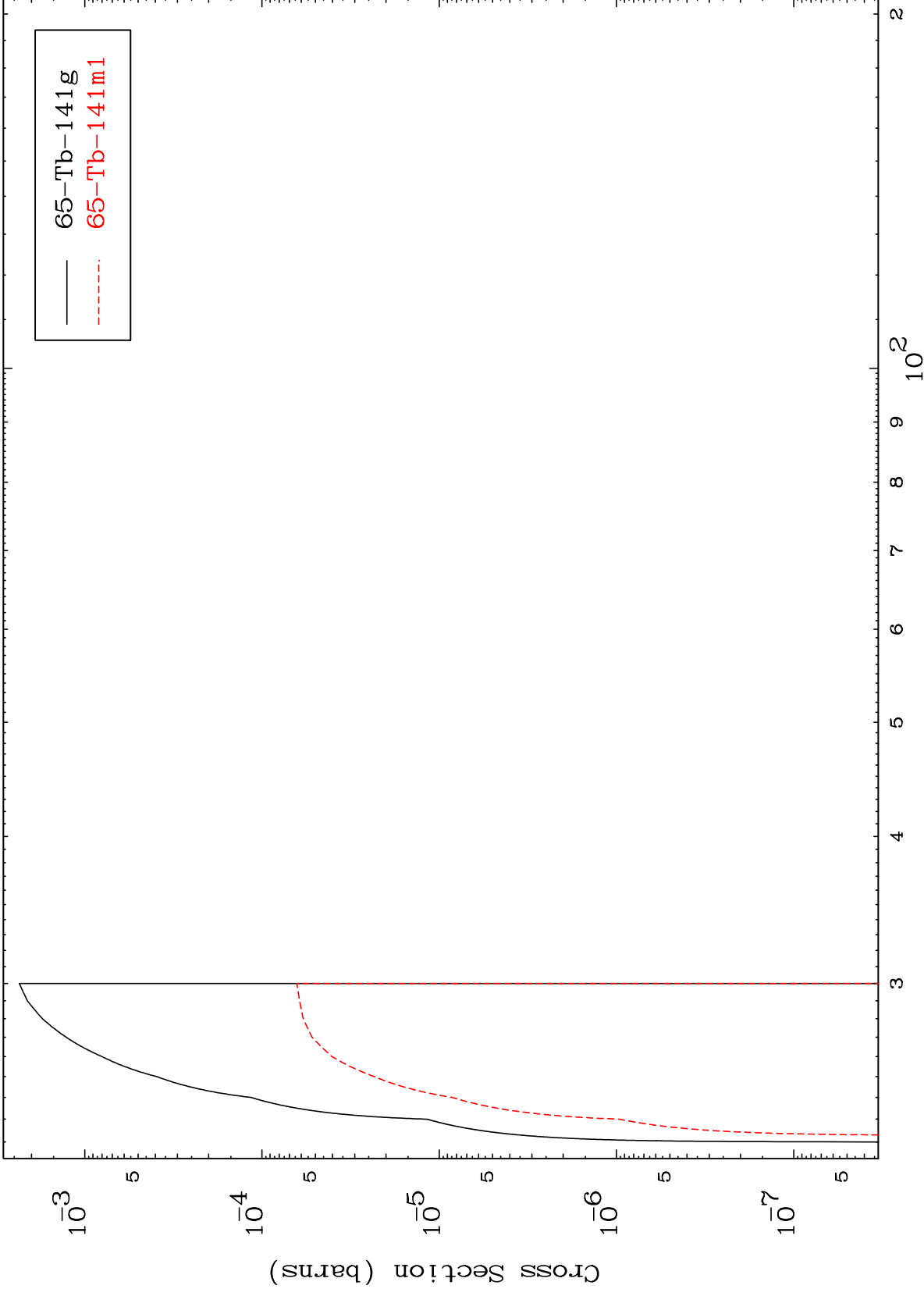
65-Tb-143

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(n,3n)

65-Tb-143

Radionuclide Production Cross Section



20

Incident Energy (MeV)

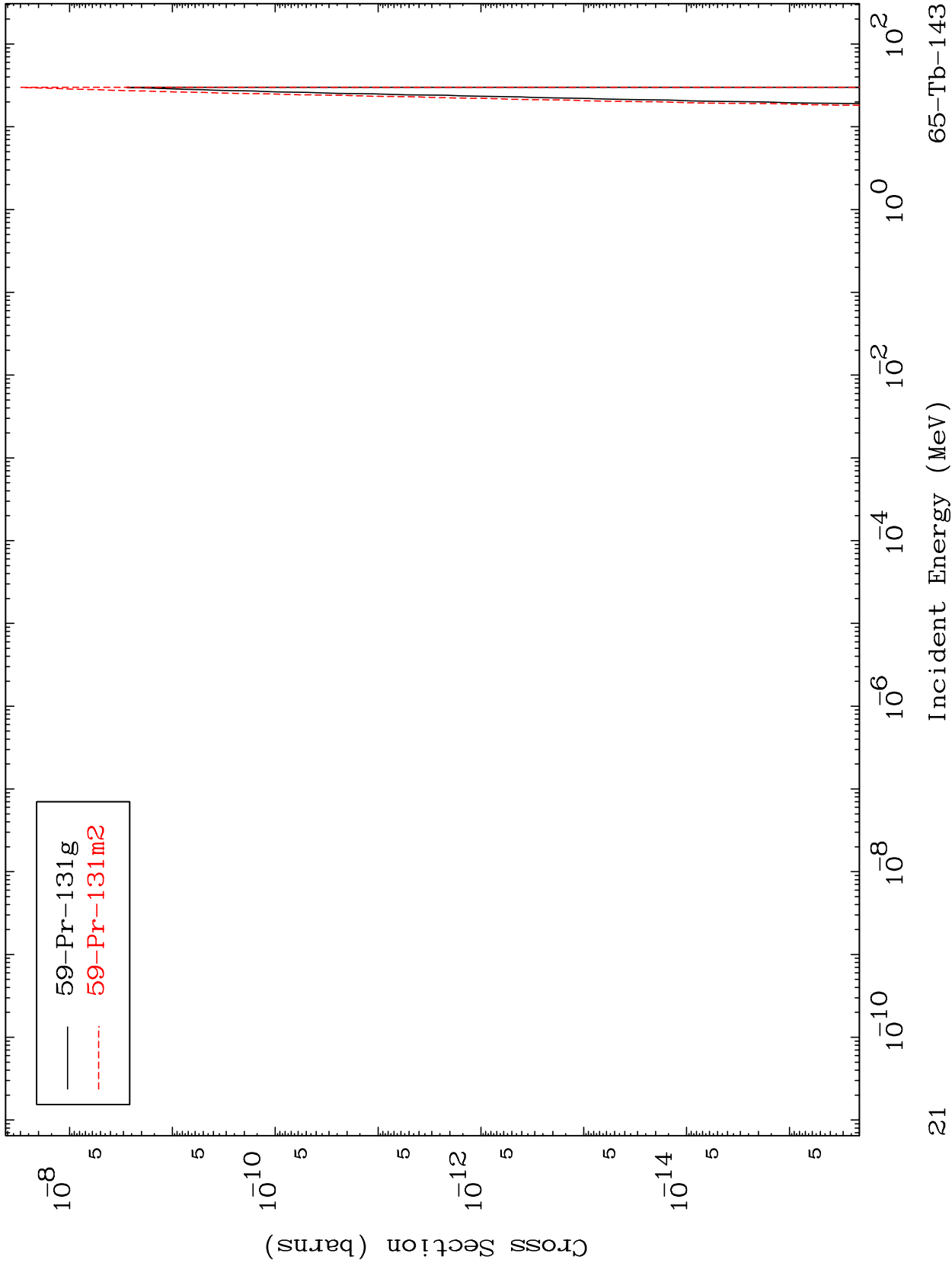
65-Tb-143

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(n,n') 3 $\alpha$

65-Tb-143

Radionuclide Production Cross Section

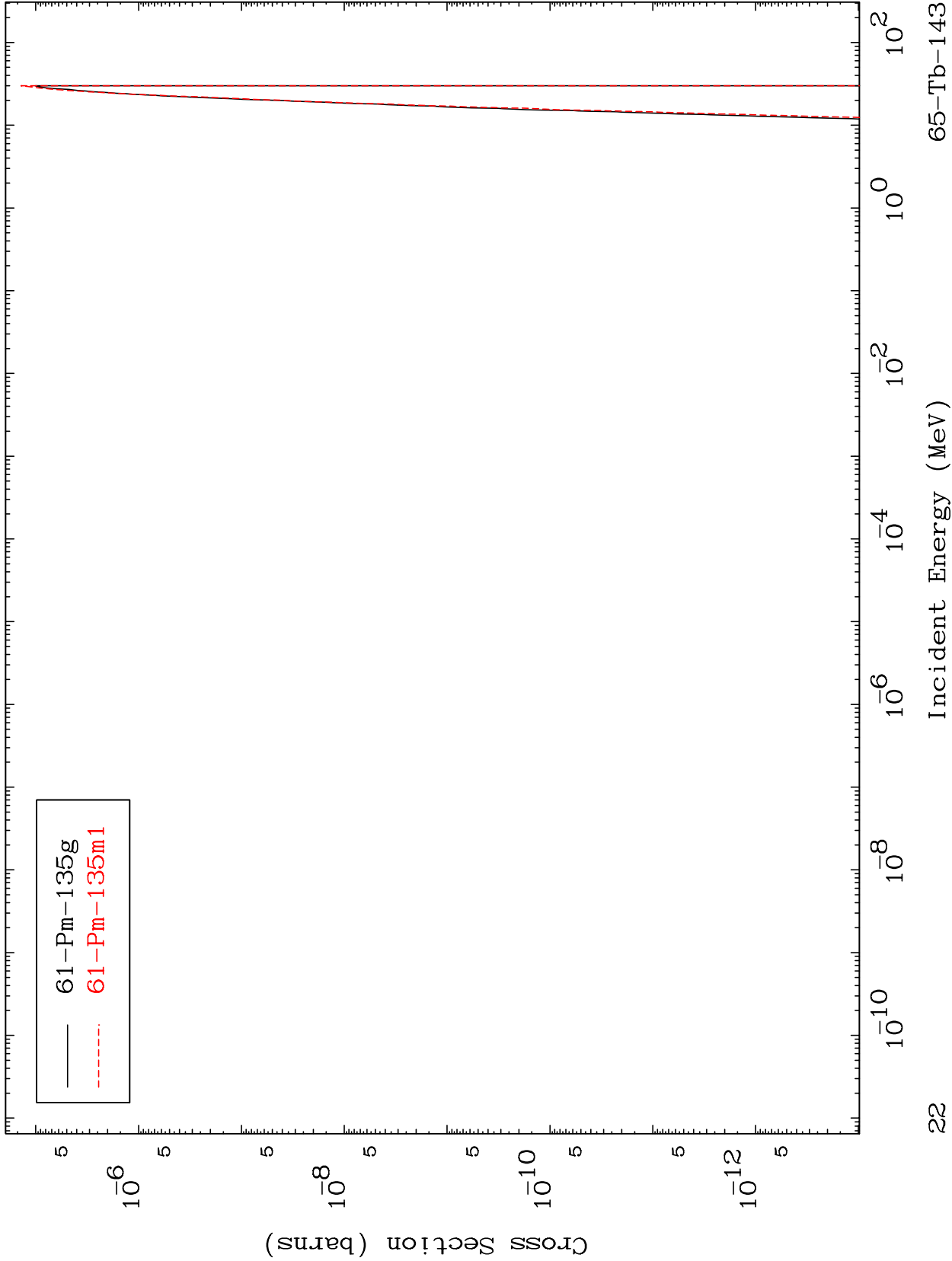


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(n,n') 2α

65-Tb-143

Radionuclide Production Cross Section



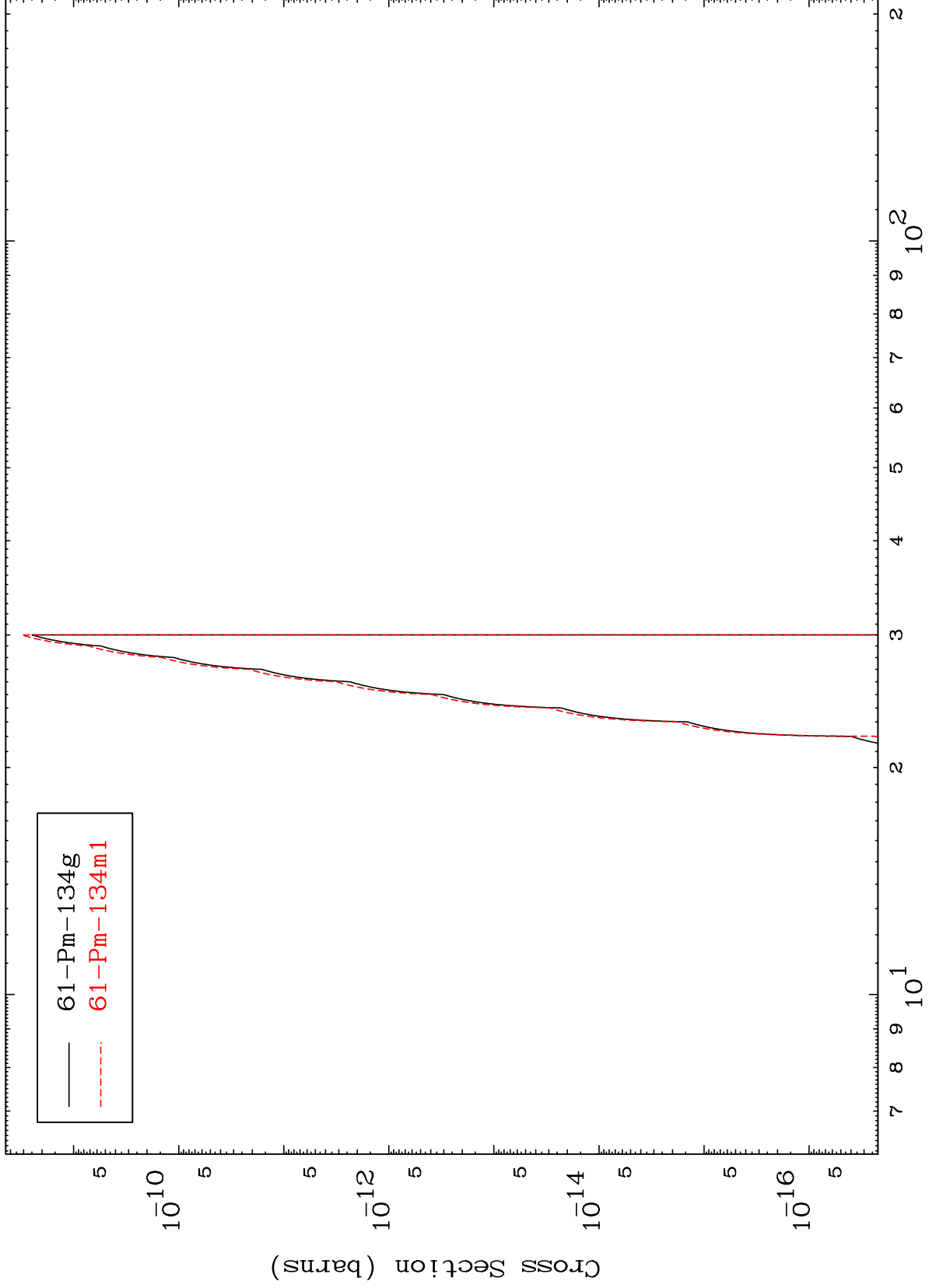
65-Tb-143

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$(n,2n)$   $2\alpha$

$^{65}\text{Tb}-143$

Radionuclide Production Cross Section



23

Incident Energy (MeV)

$^{65}\text{Tb}-143$

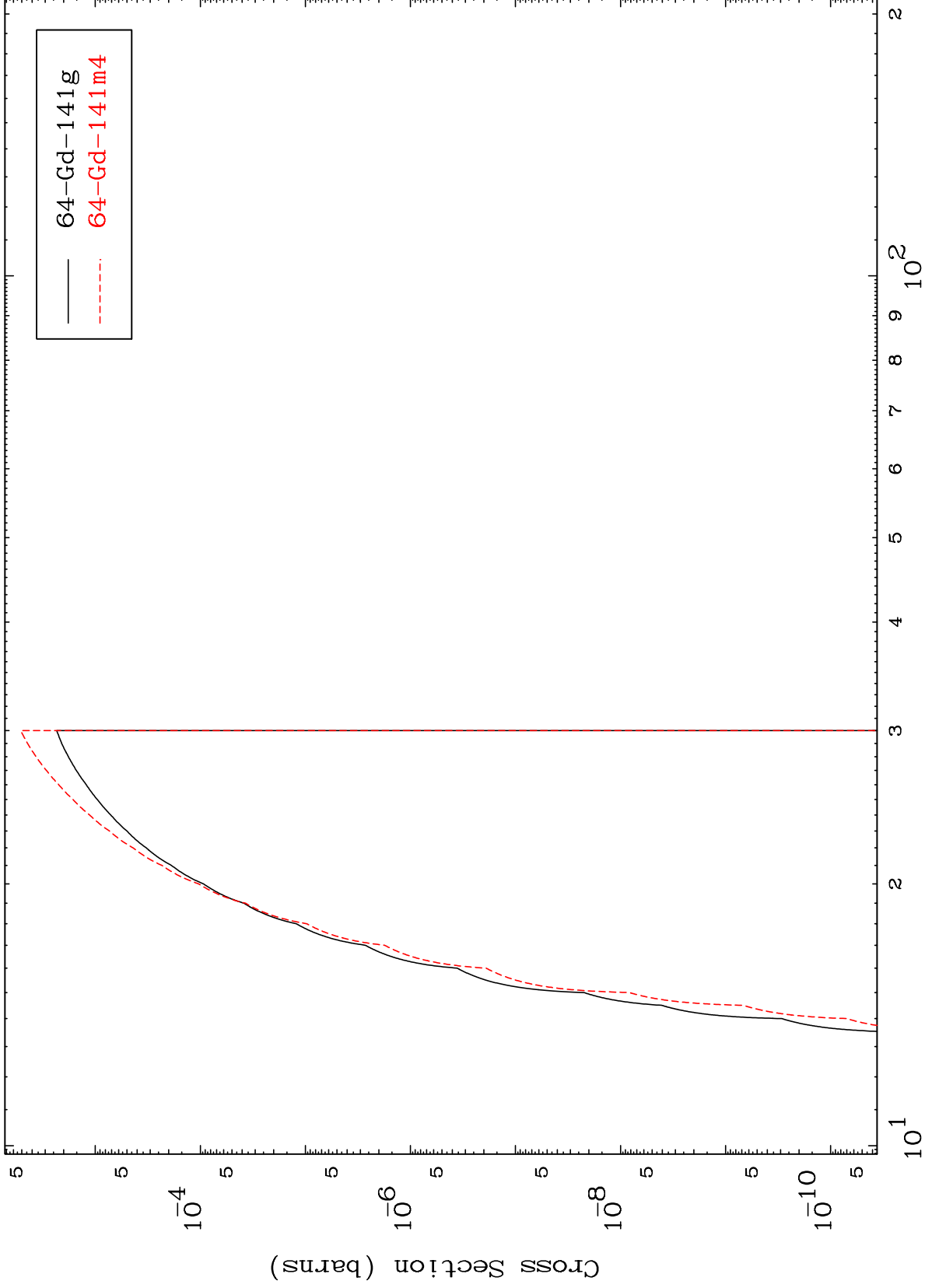


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(n,n') d

65-Tb-143

Radionuclide Production Cross Section

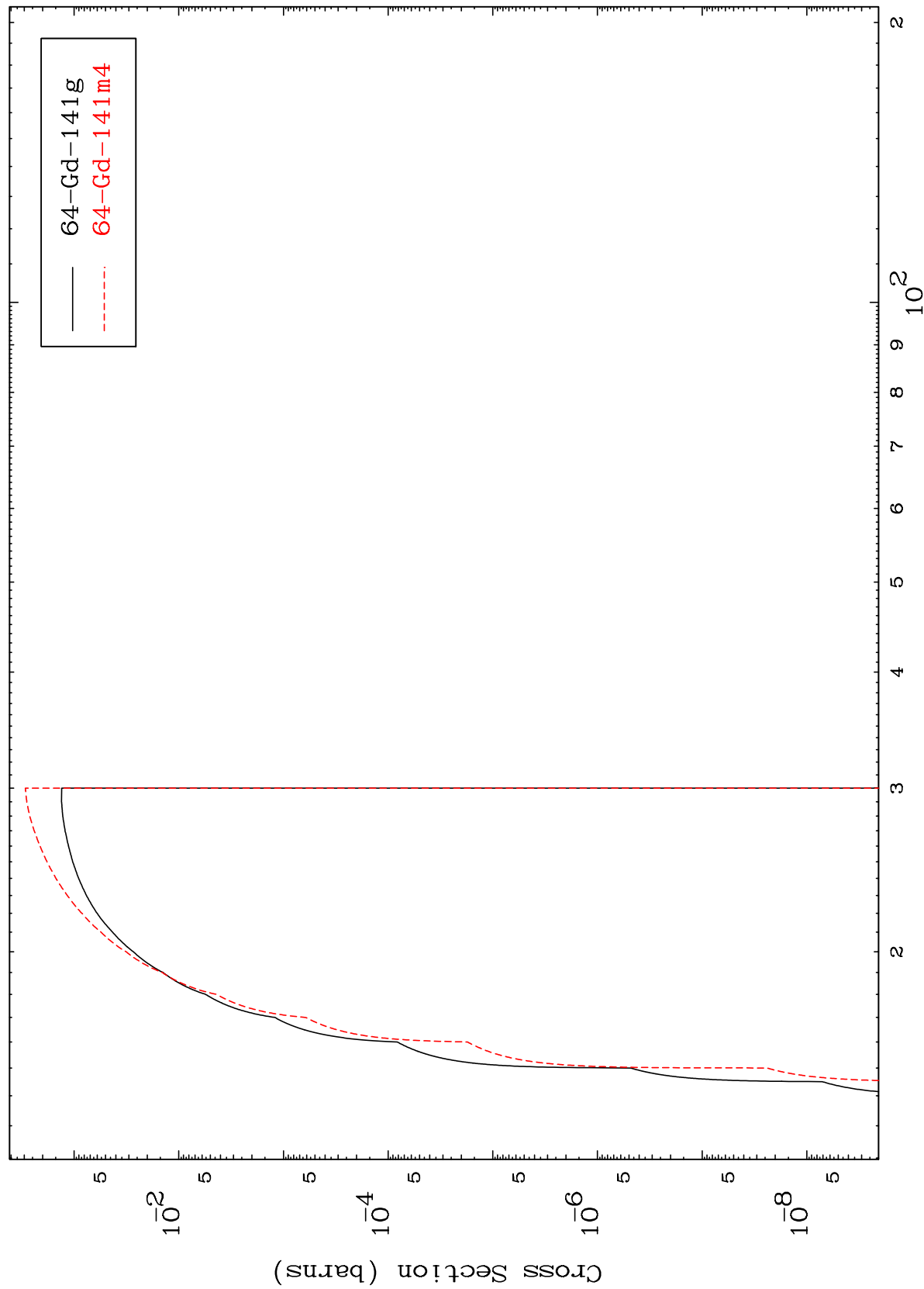


Incident Energy (MeV)

65-Tb-143

24

Radionuclide Production Cross Section

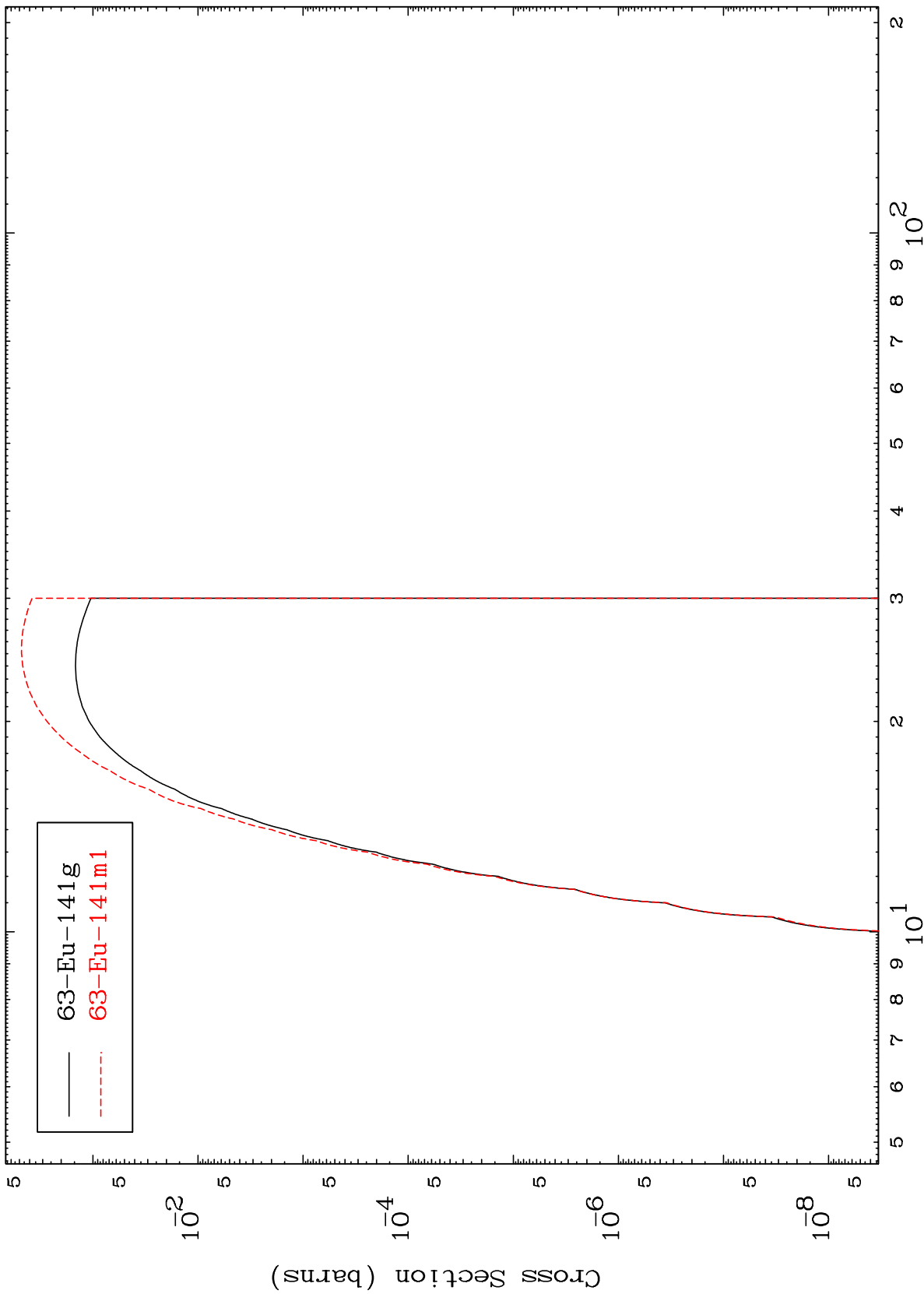


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(n,2n) p

65-Tb-143

Radionuclide Production Cross Section



26

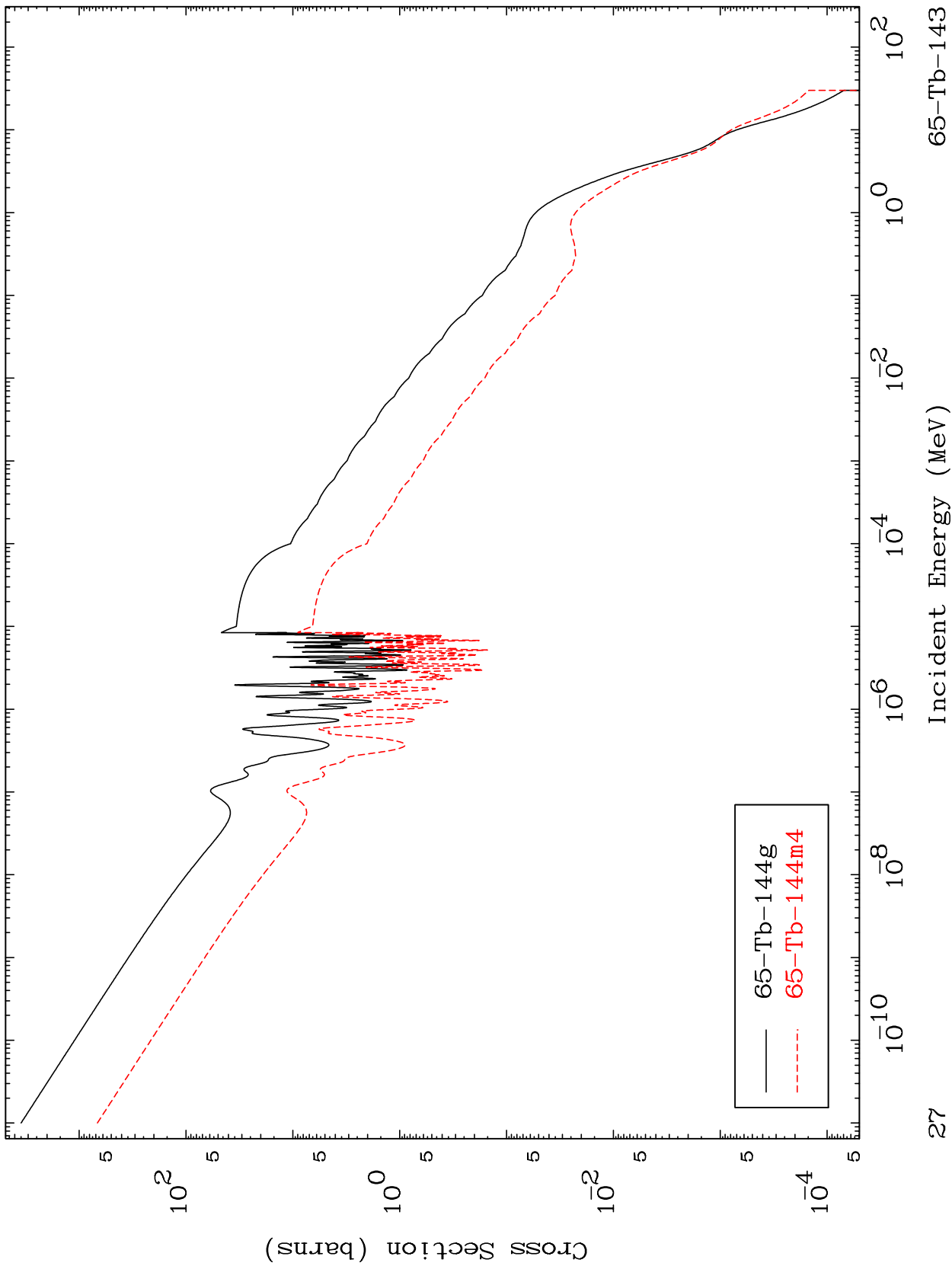
Incident Energy (MeV)

65-Tb-143

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65-Tb-143

$(n, \gamma)$   
Radionuclide Production Cross Section

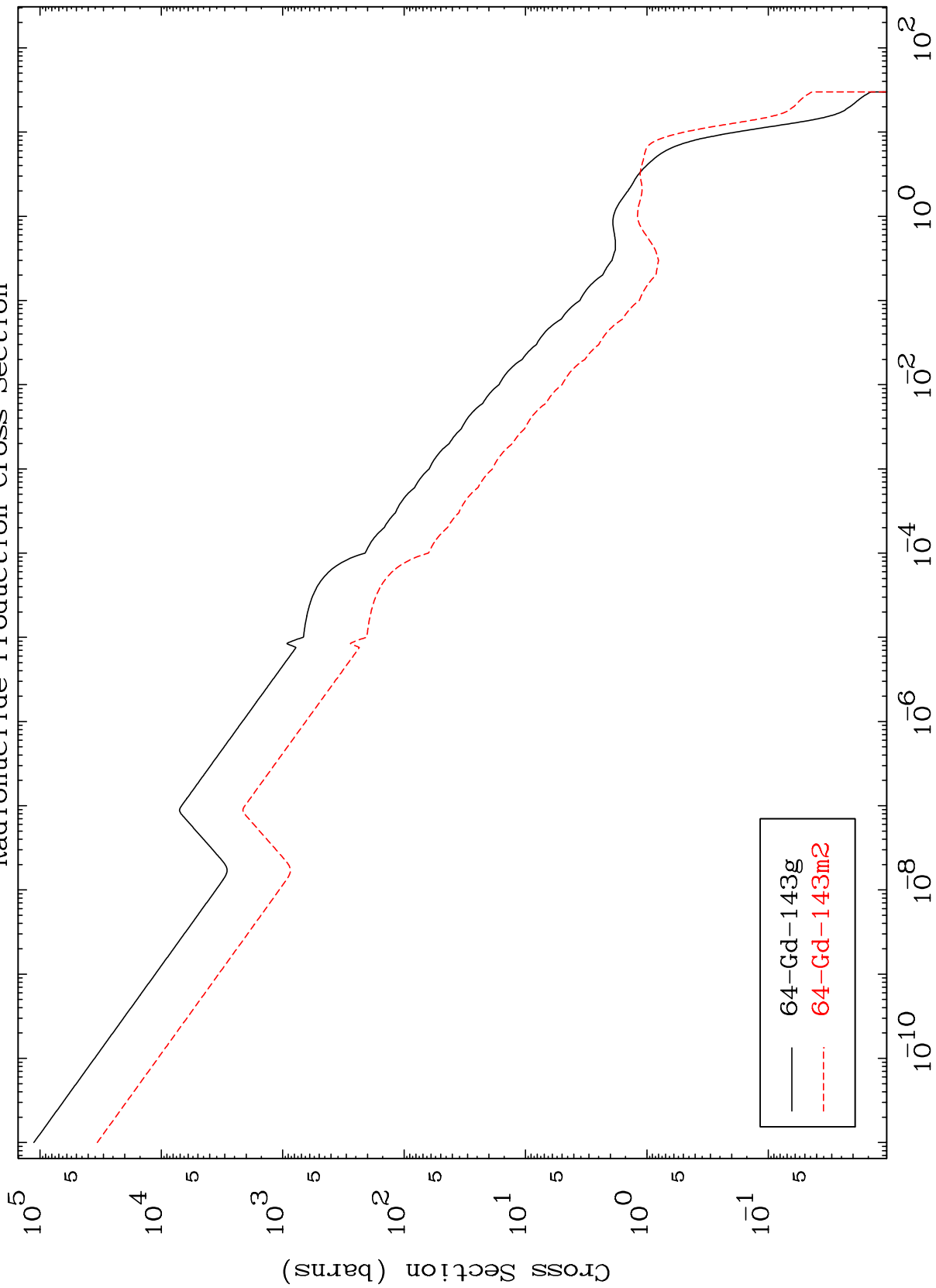


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65-Tb-143

Radionuclide Production Cross Section

(n,p)



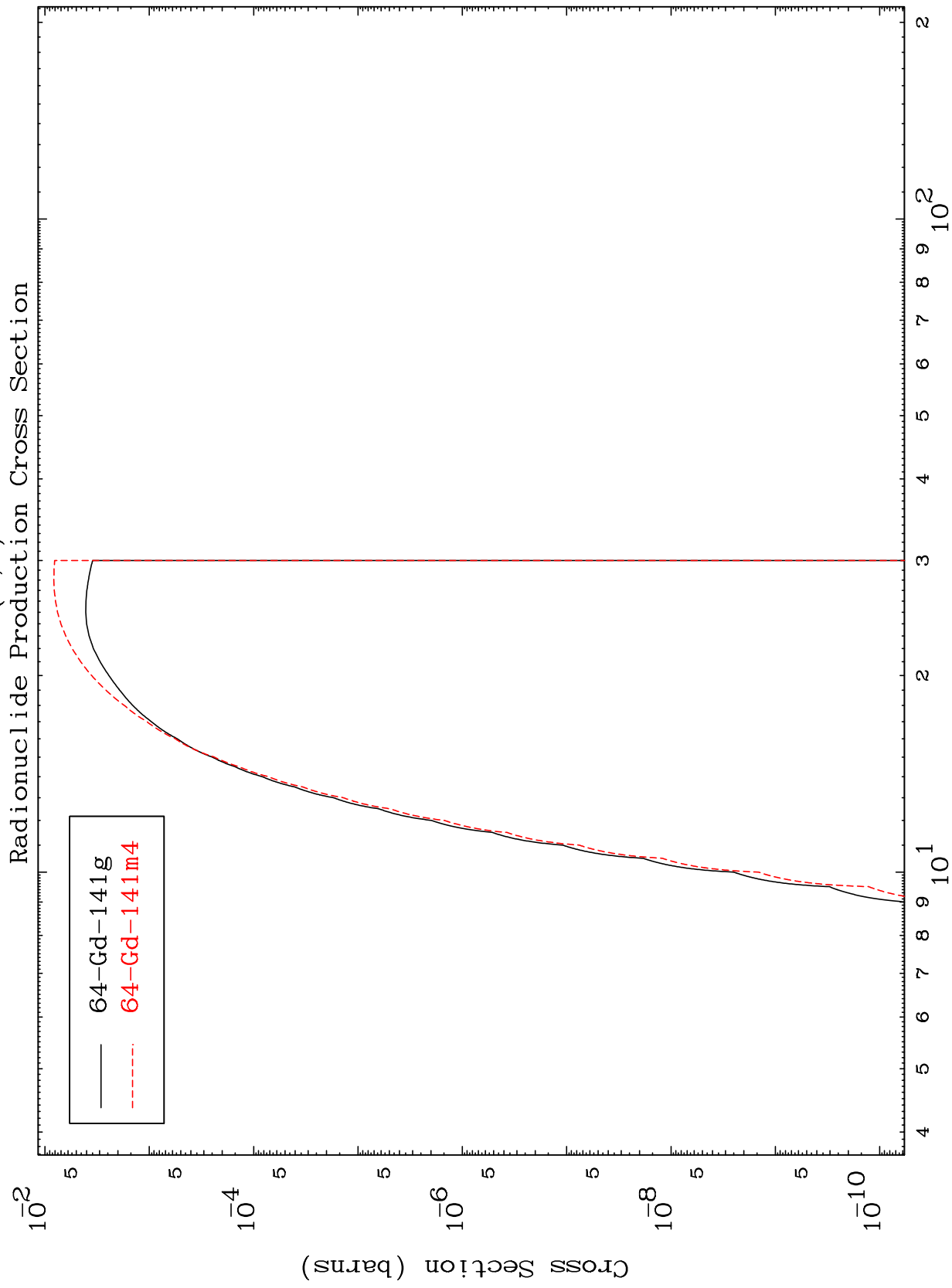
Incident Energy (MeV)

65-Tb-143

64-Gd-143g  
64-Gd-143m2

MAT 6478

65-Tb-143



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

29

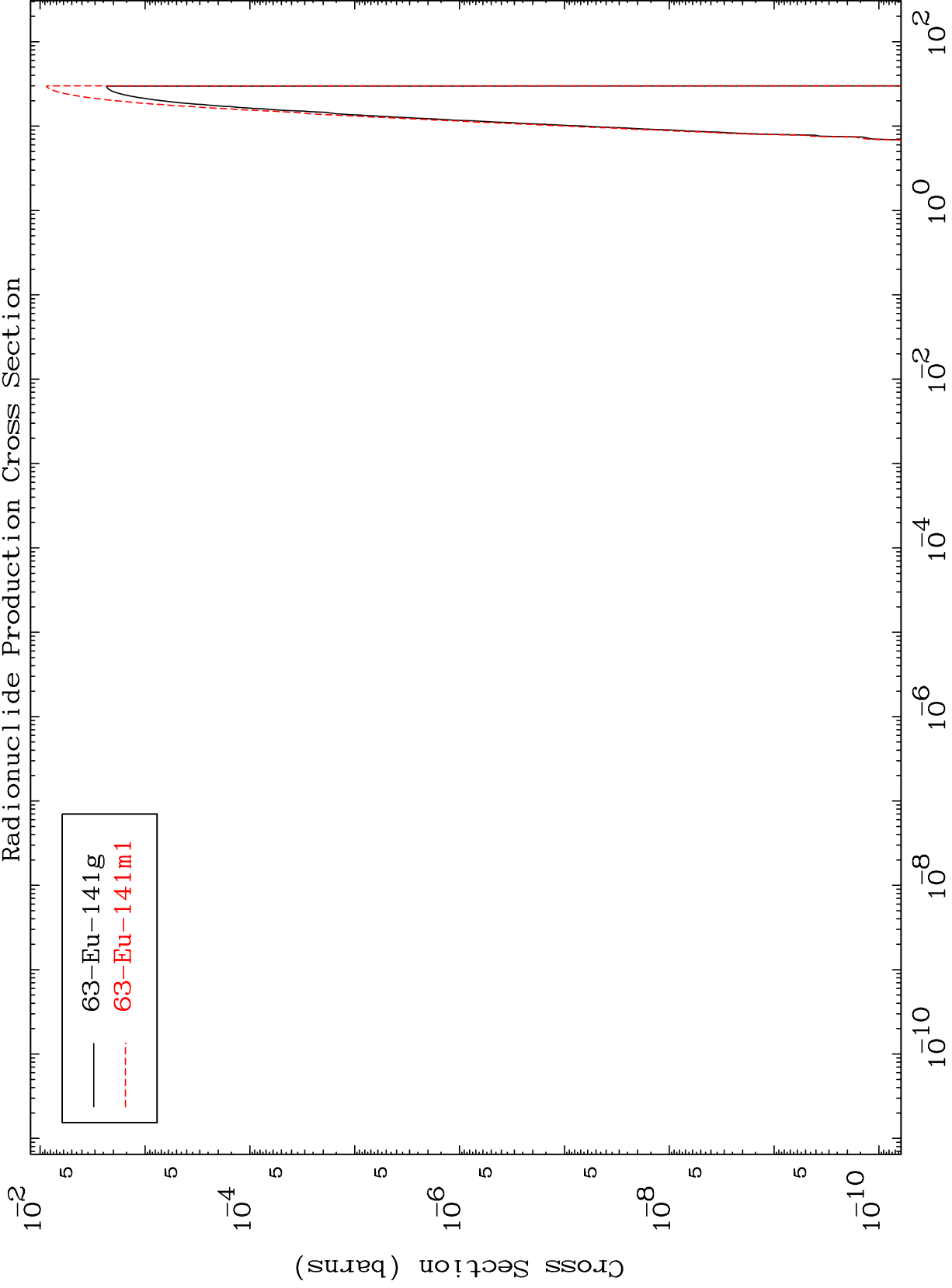
65-Tb-143

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(n,He-3)

65-Tb-143

Radionuclide Production Cross Section



30

Incident Energy (MeV)

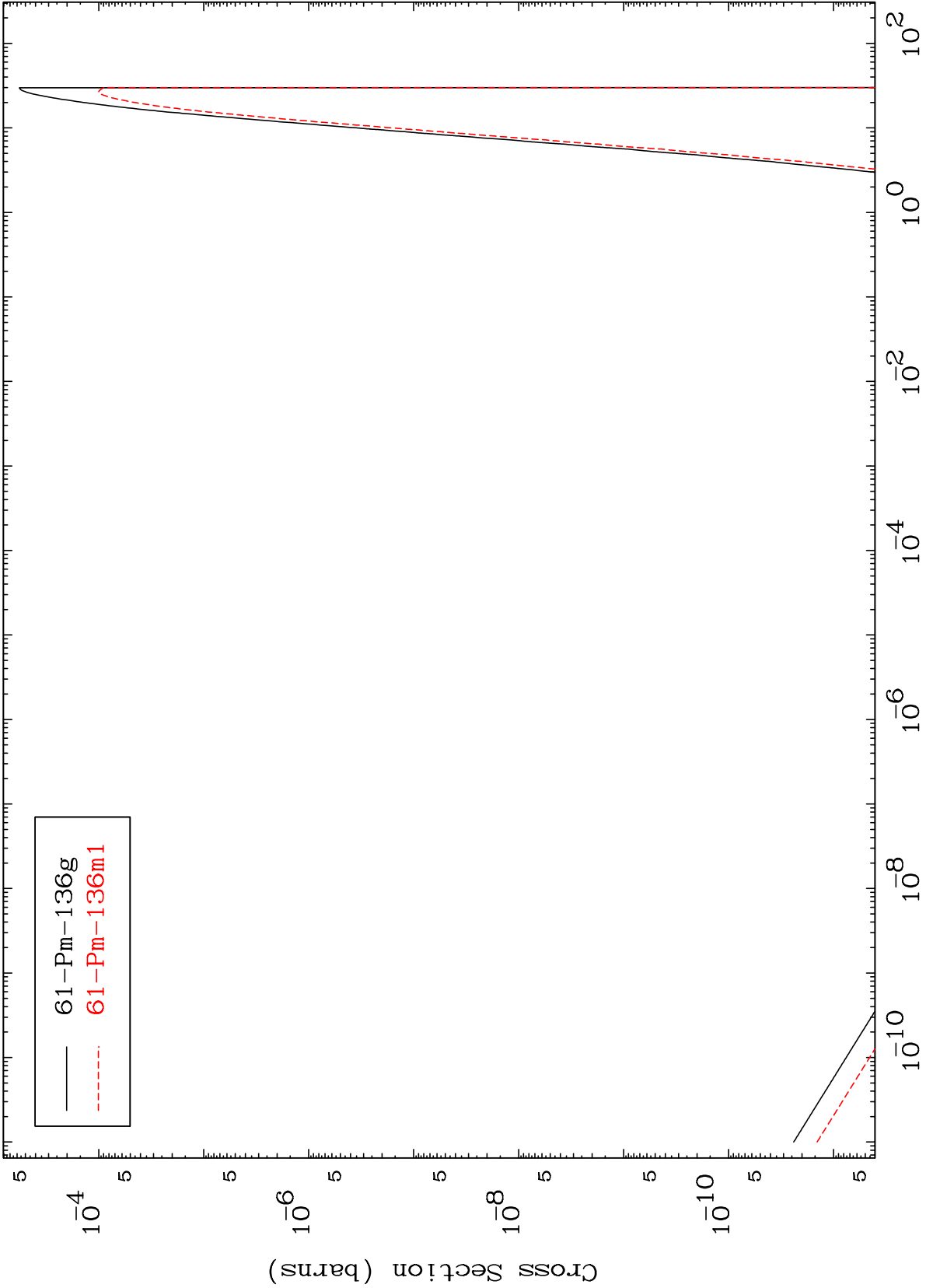
65-Tb-143

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(n,2α)

65-Tb-143

Radionuclide Production Cross Section



61-Pm-136g  
61-Pm-136m1

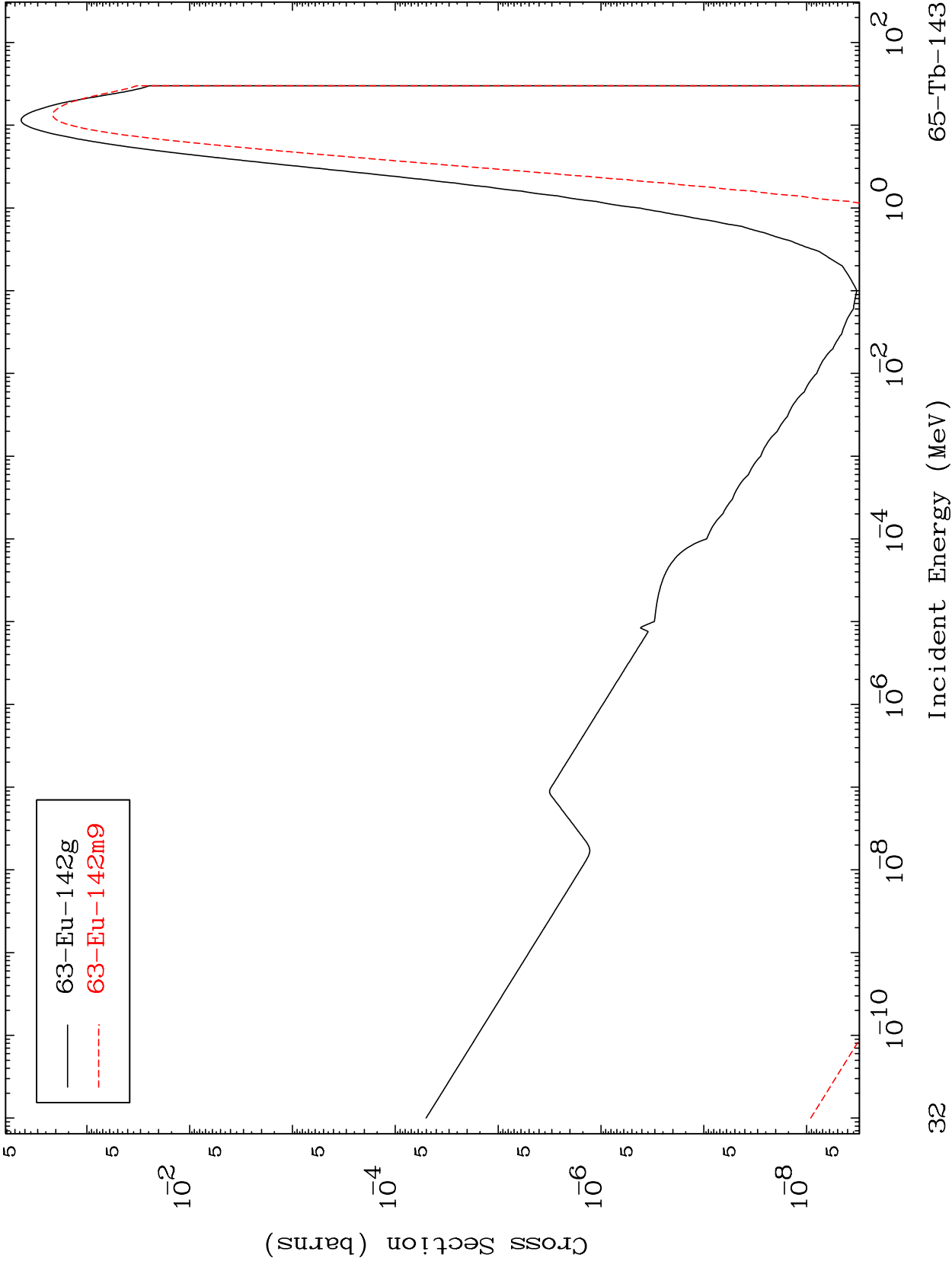


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(n,2p)

65-Tb-143

Radionuclide Production Cross Section

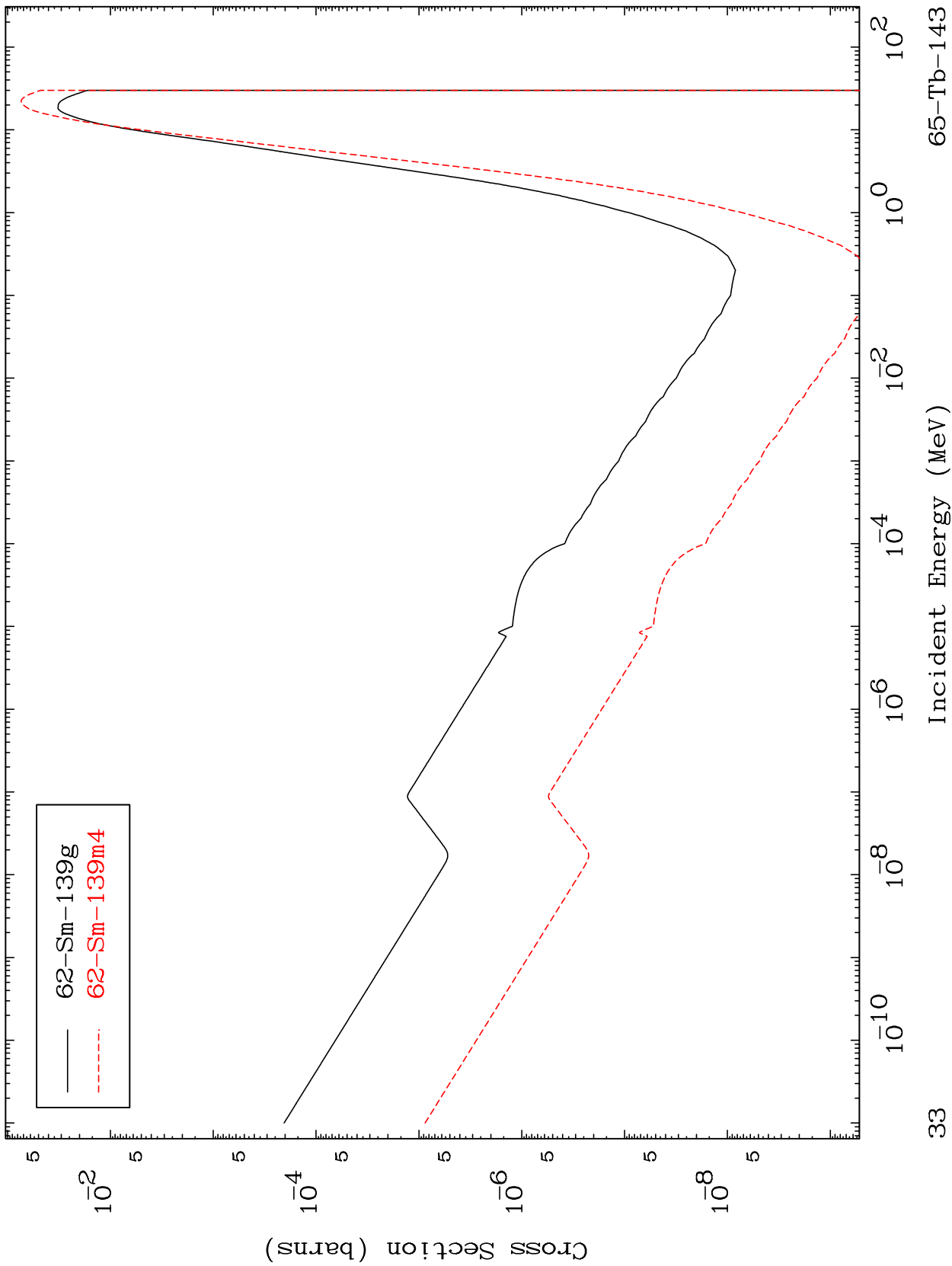


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(n,p)  $\alpha$

65-Tb-143

Radionuclide Production Cross Section

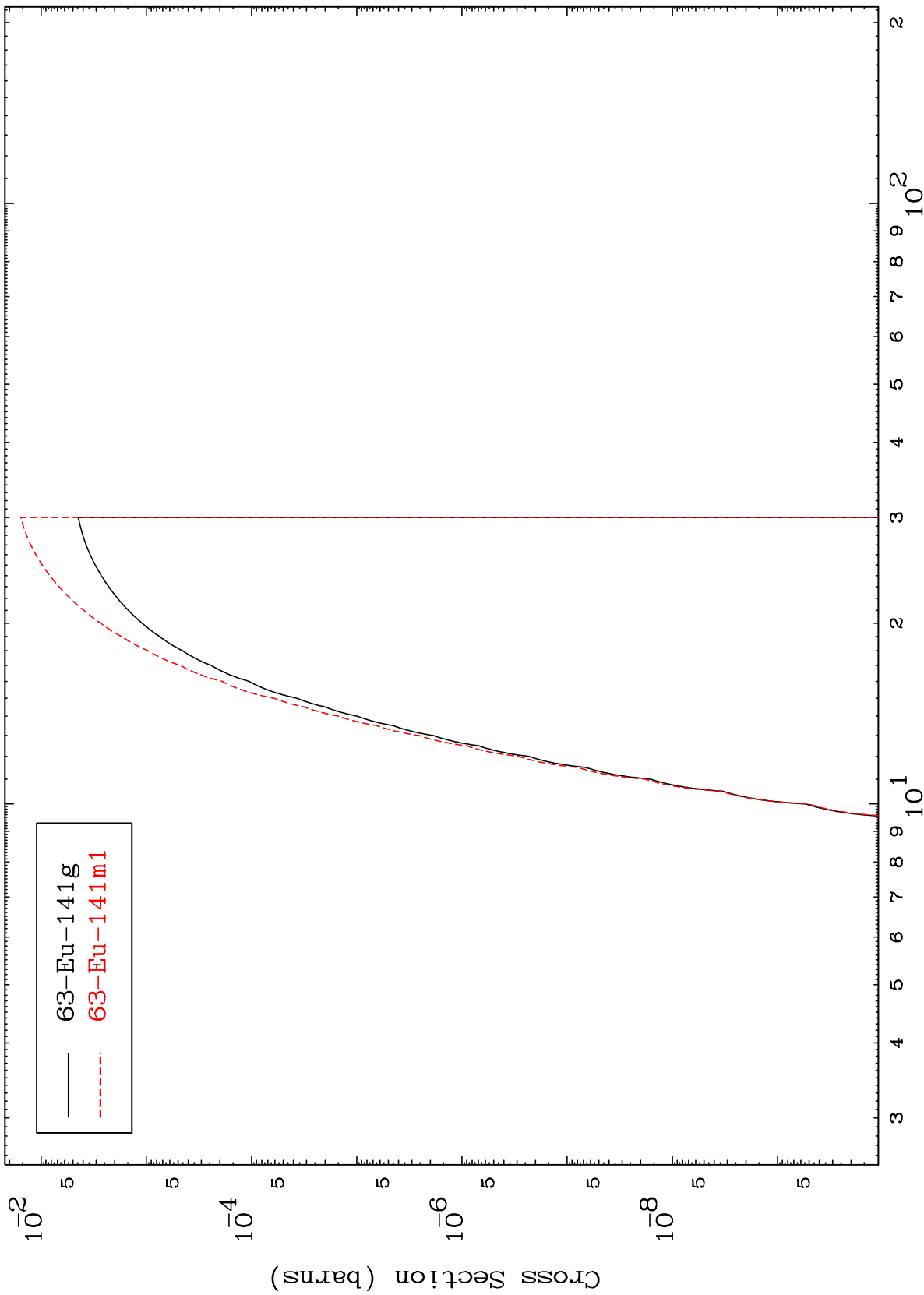


MAT 6478

(n,p) d

65-Tb-143

Radionuclide Production Cross Section



34

Incident Energy (MeV)

65-Tb-143