

Program EVALPLOT  
(Version 2021-1)

by

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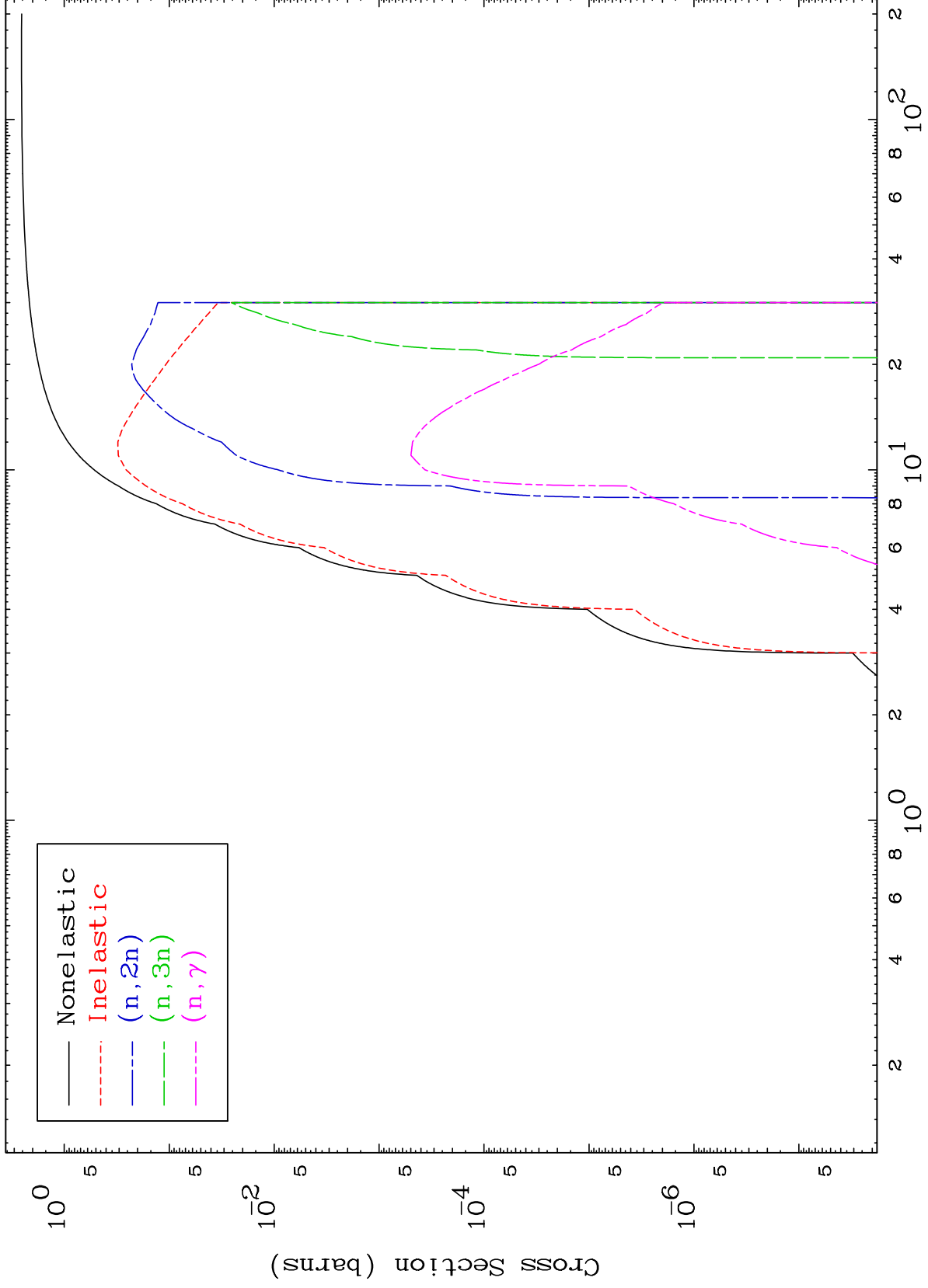
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6486

Deuteron Major  
0 Kelvin Cross Sections

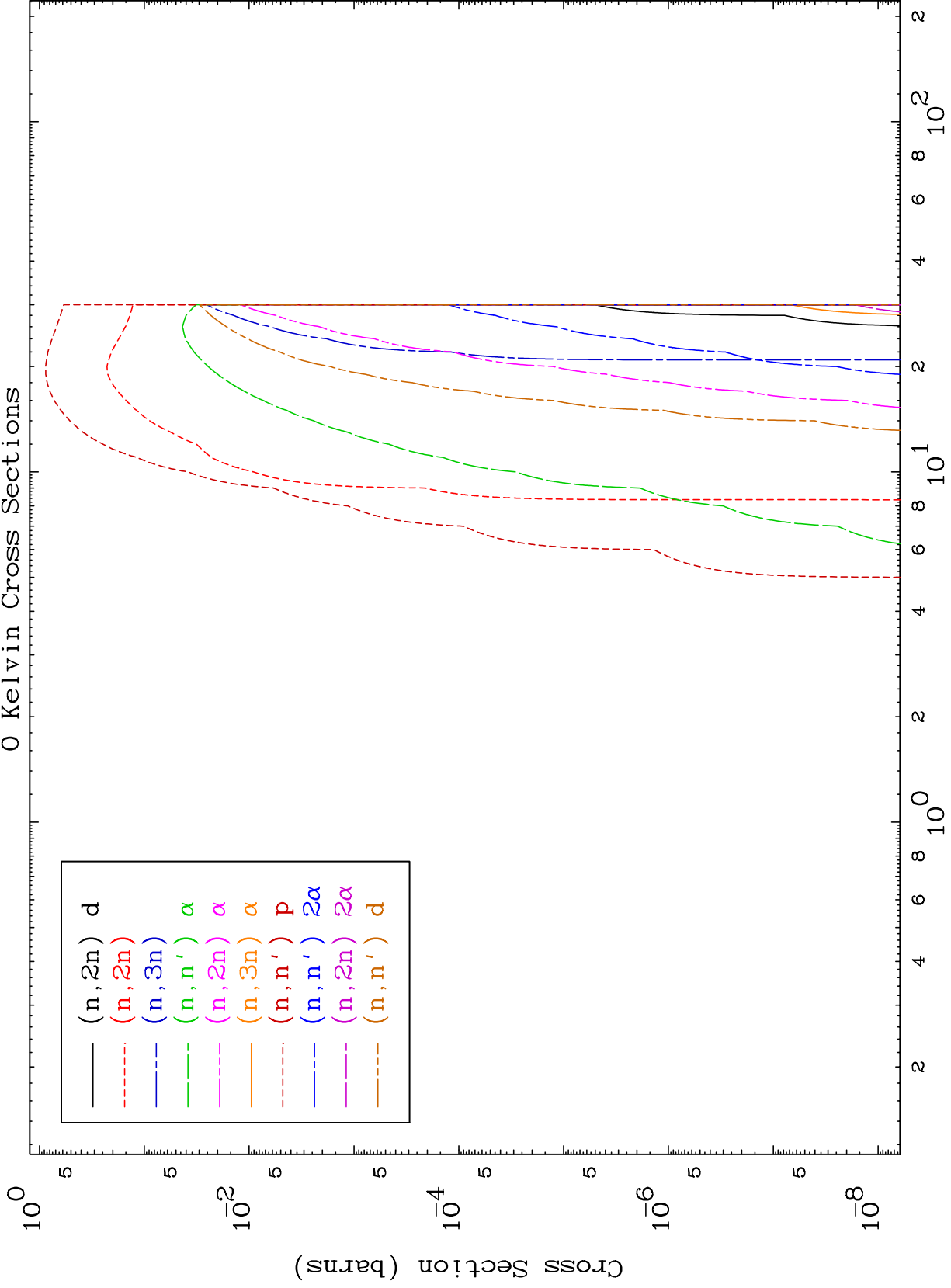
65-Tb-146



MAT 6486

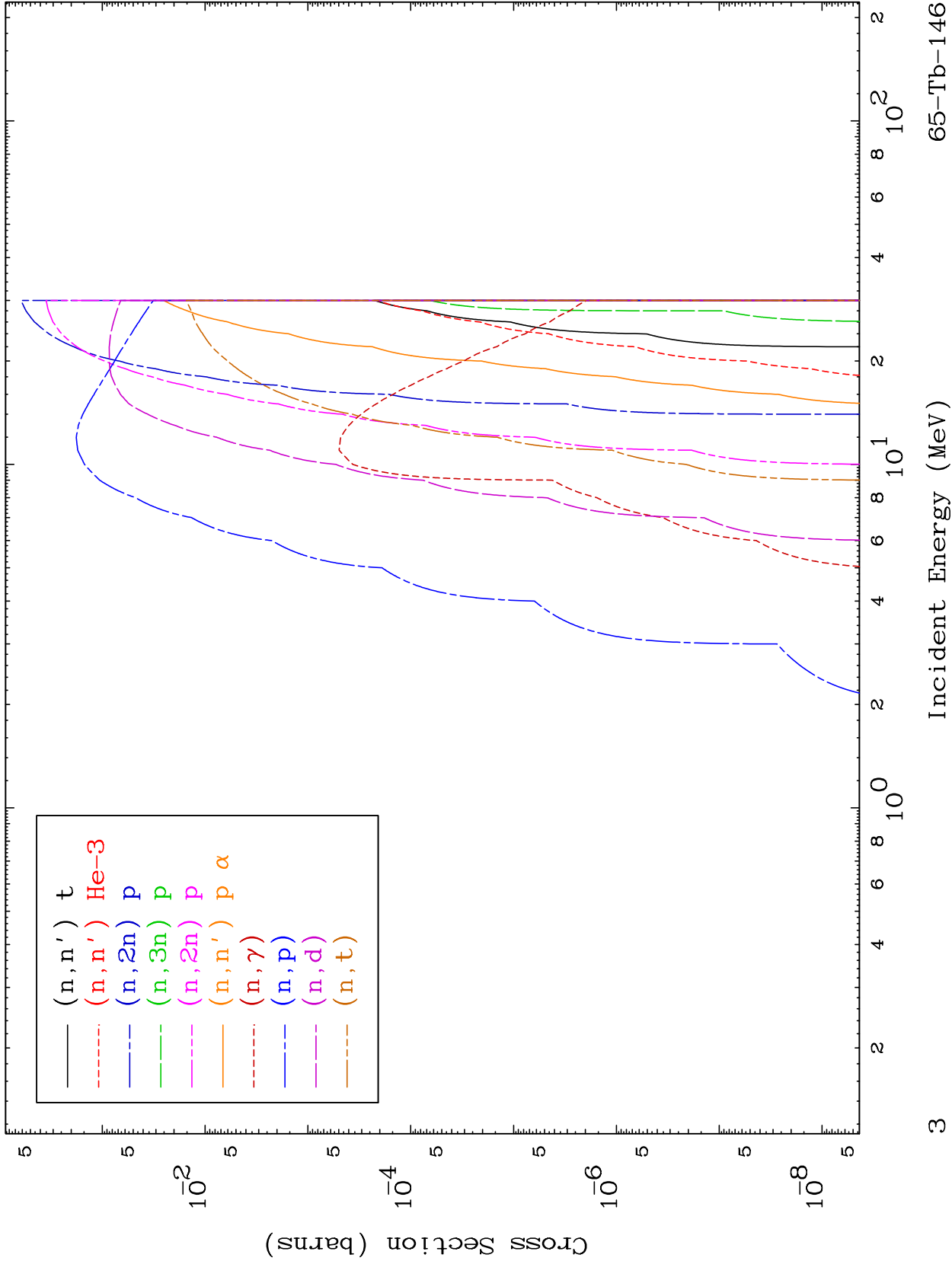
Deuteron Neutron Absorption  
0 Kelvin Cross Sections

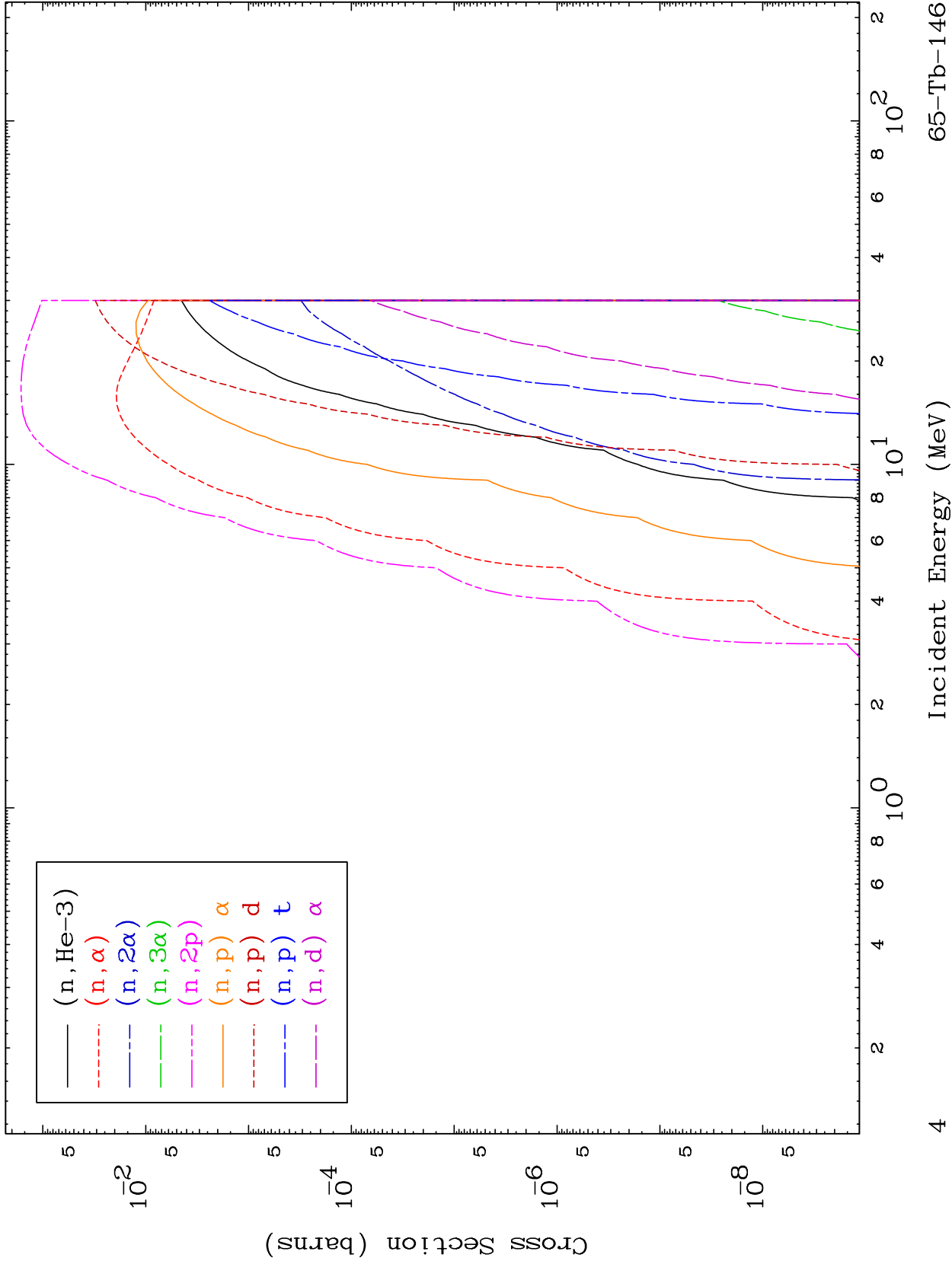
65-Tb-146



65-Tb-146

Incident Energy (MeV)

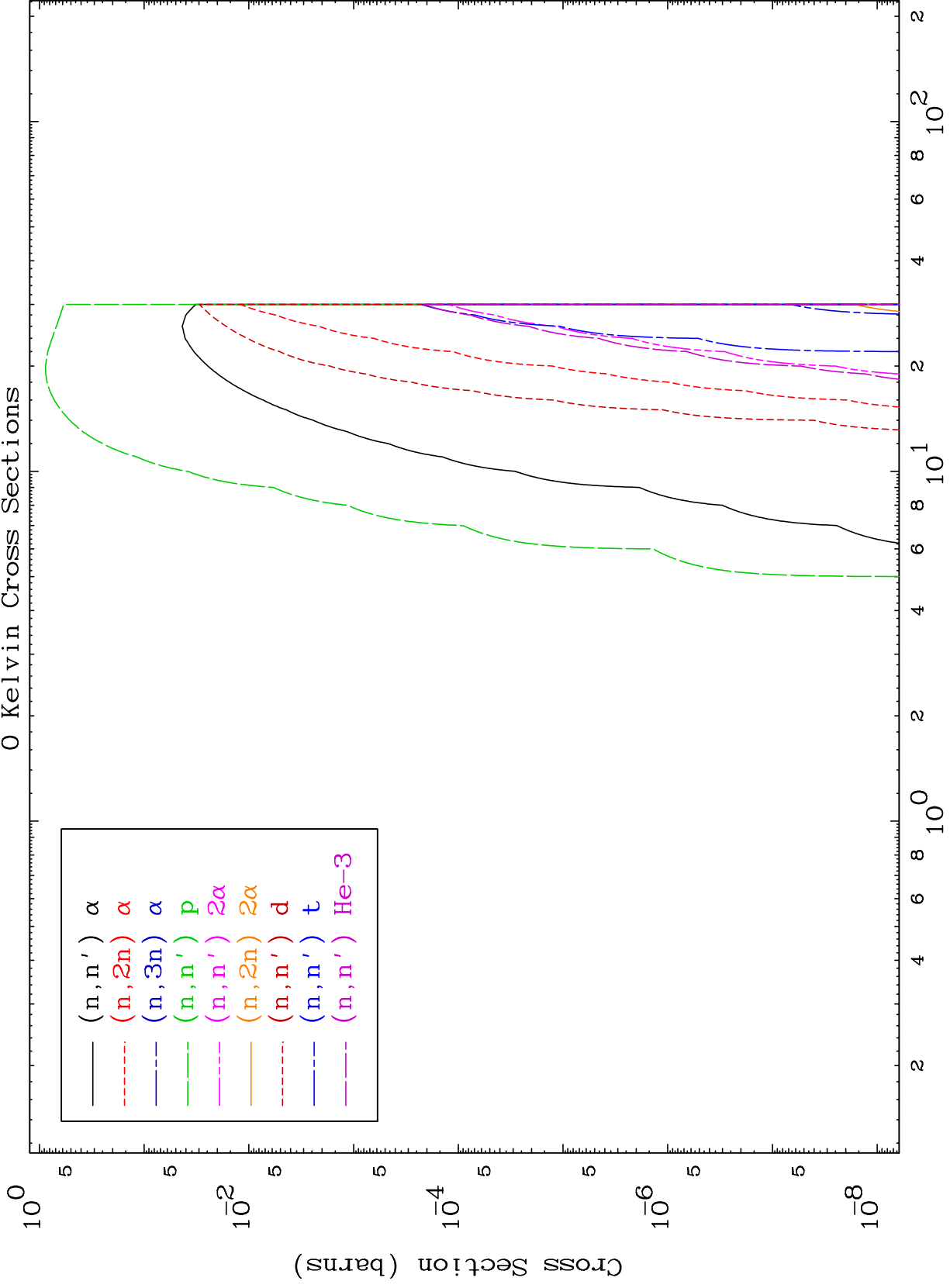


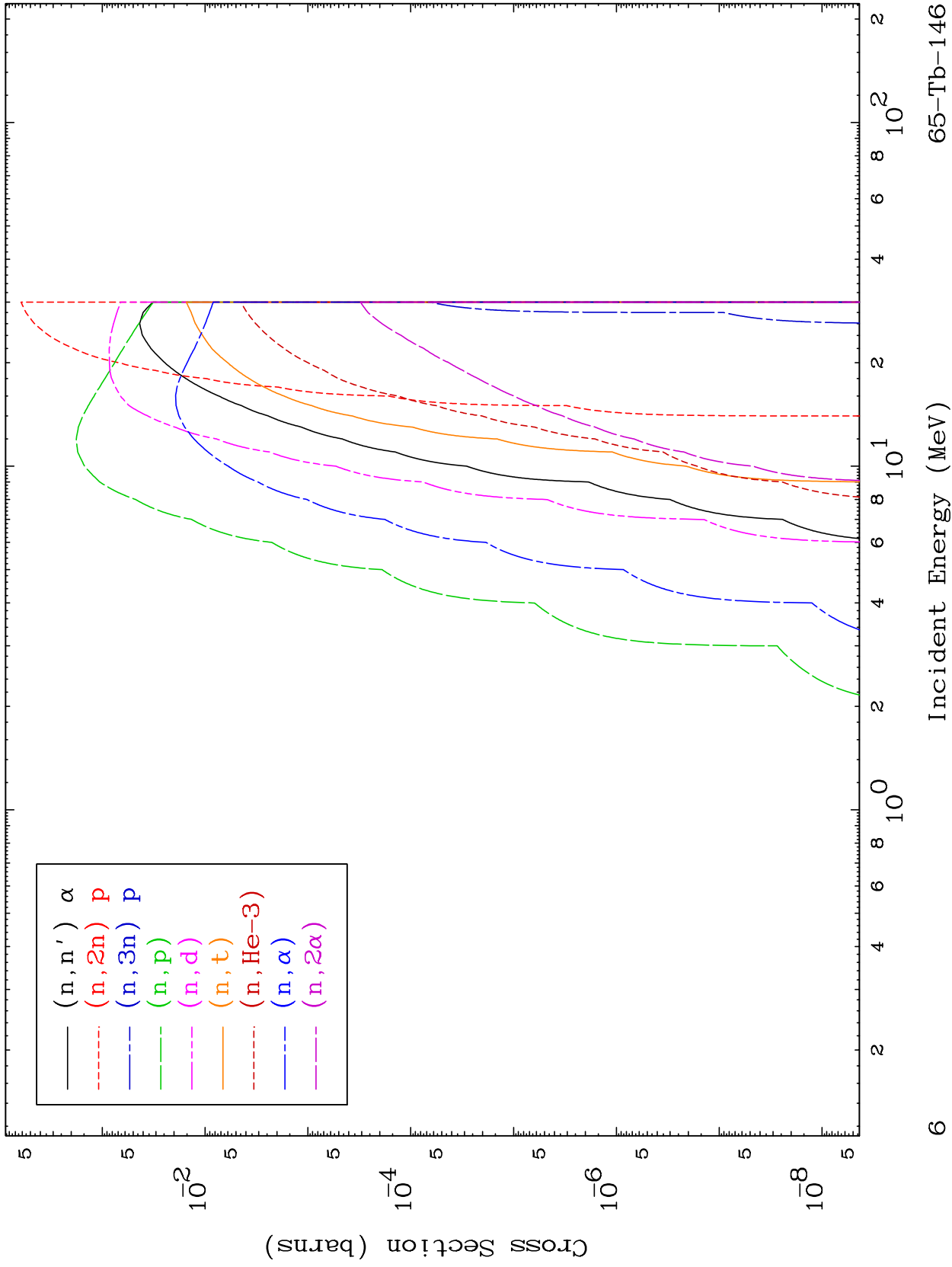


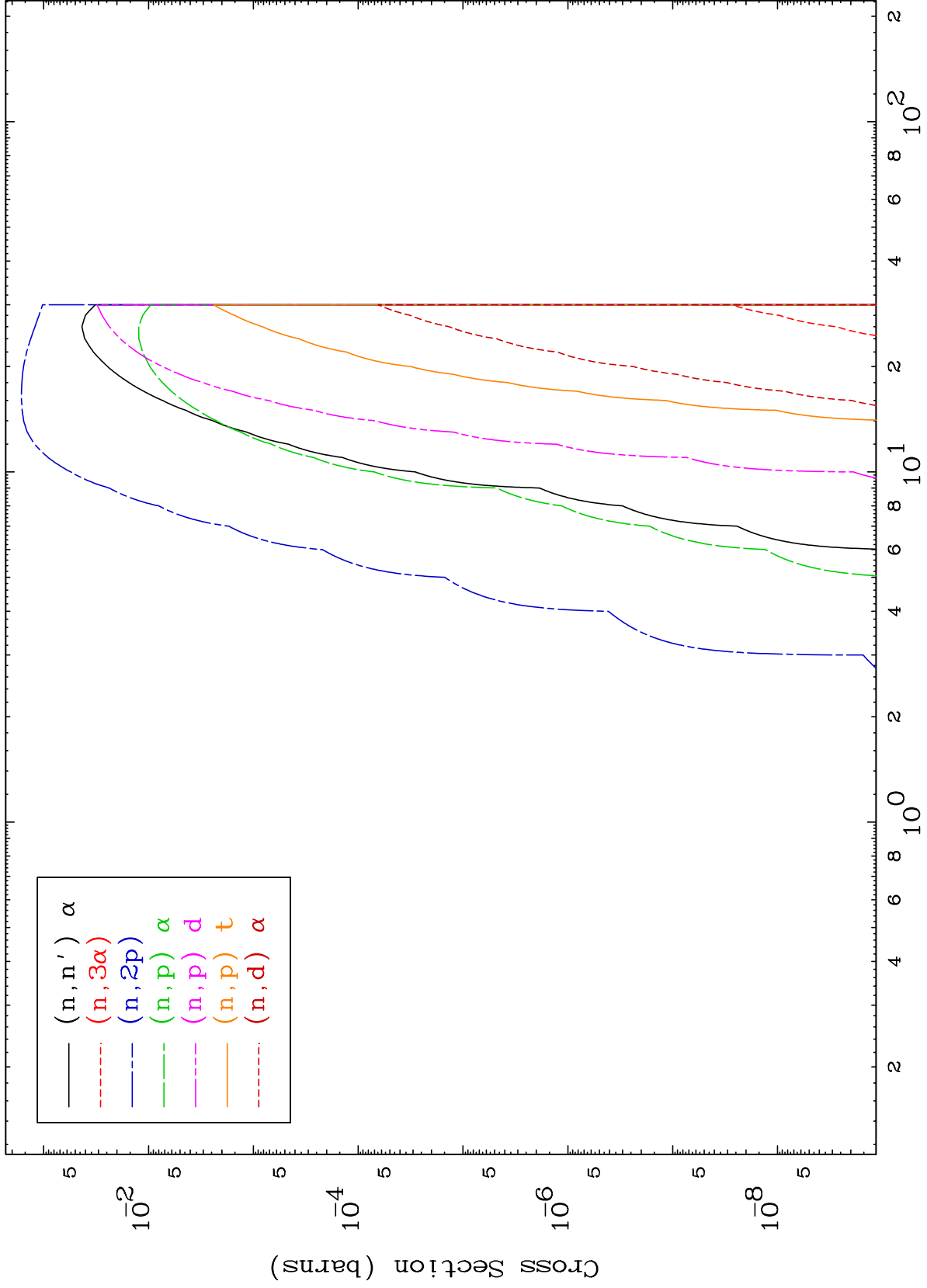
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Deuteron Charged Particle  
0 Kelvin Cross Sections

65-Tb-146





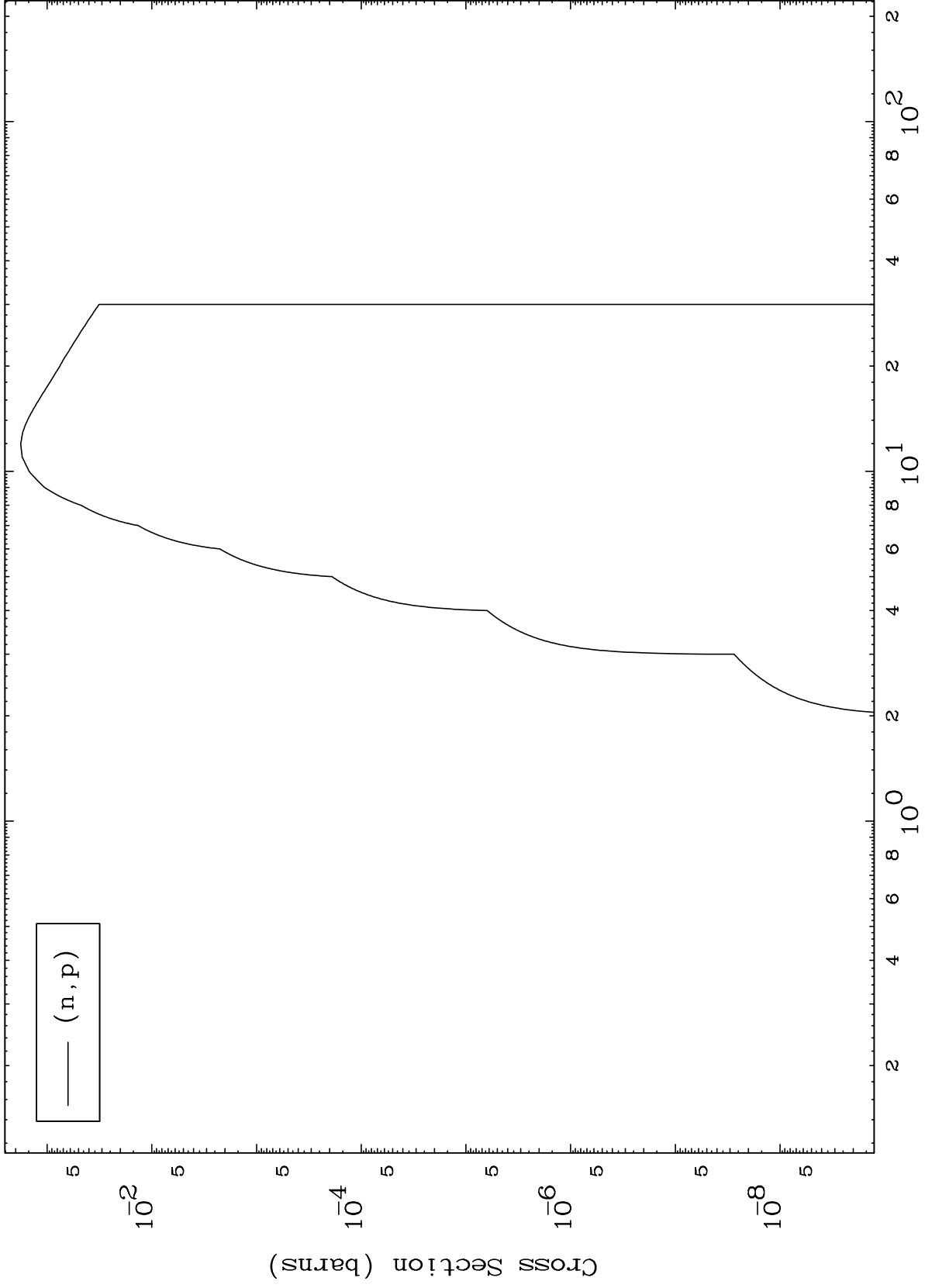




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(d,p) Levels  
0 Kelvin Cross Sections

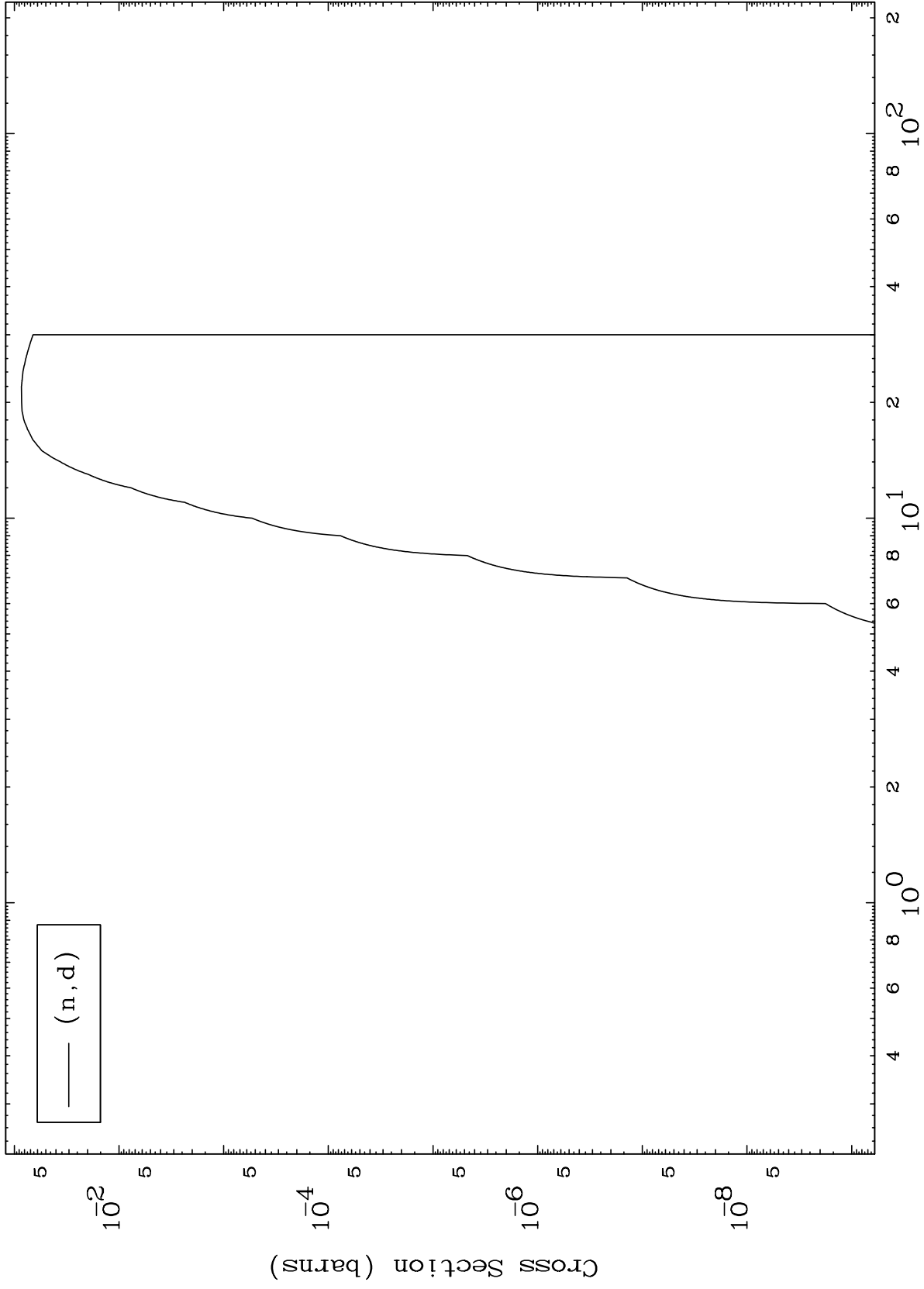
65-Tb-146



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(d,d) Levels  
0 Kelvin Cross Sections

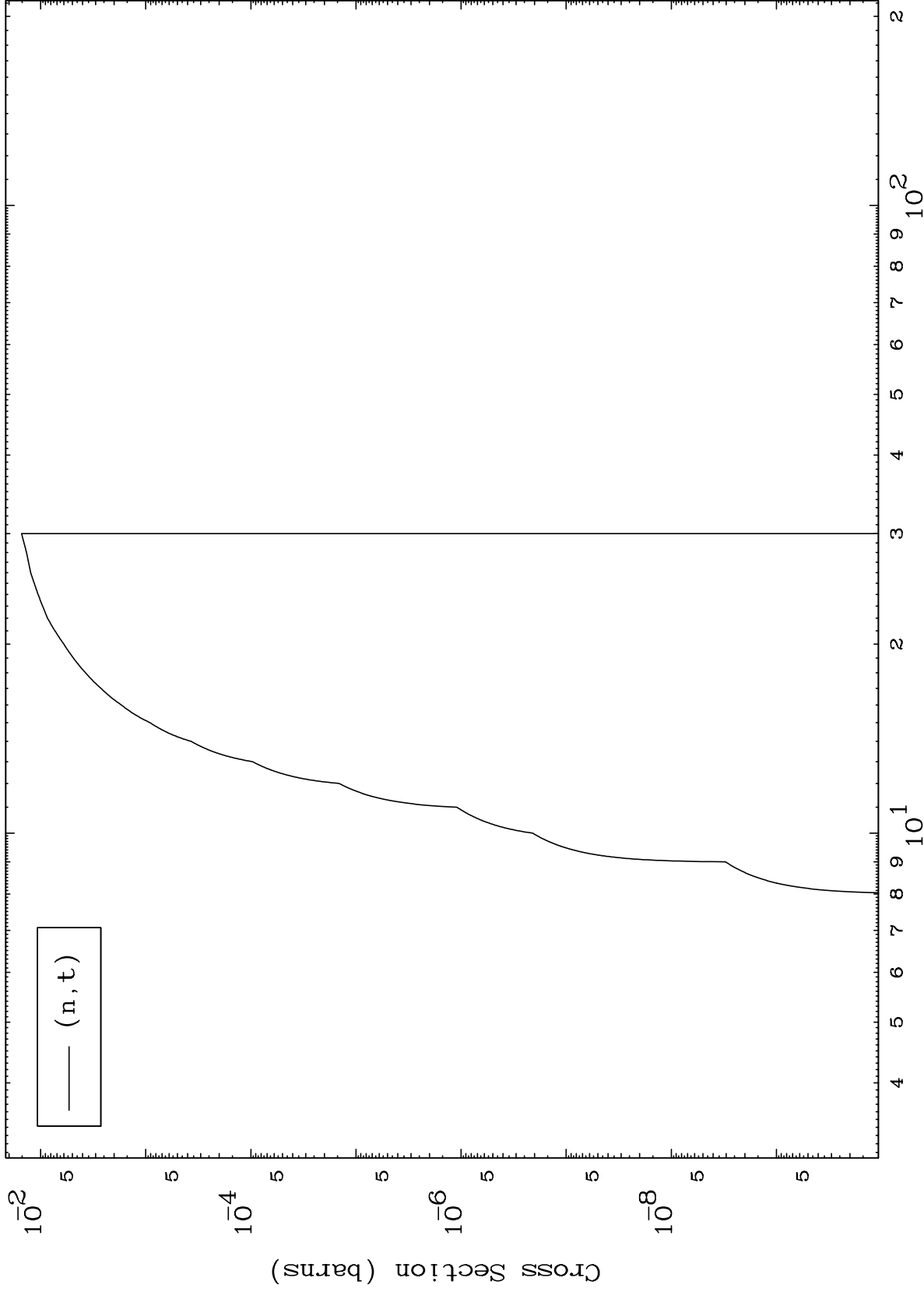
65-Tb-146



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(d, t) Levels  
0 Kelvin Cross Sections

65-Tb-146



10

Incident Energy (MeV)

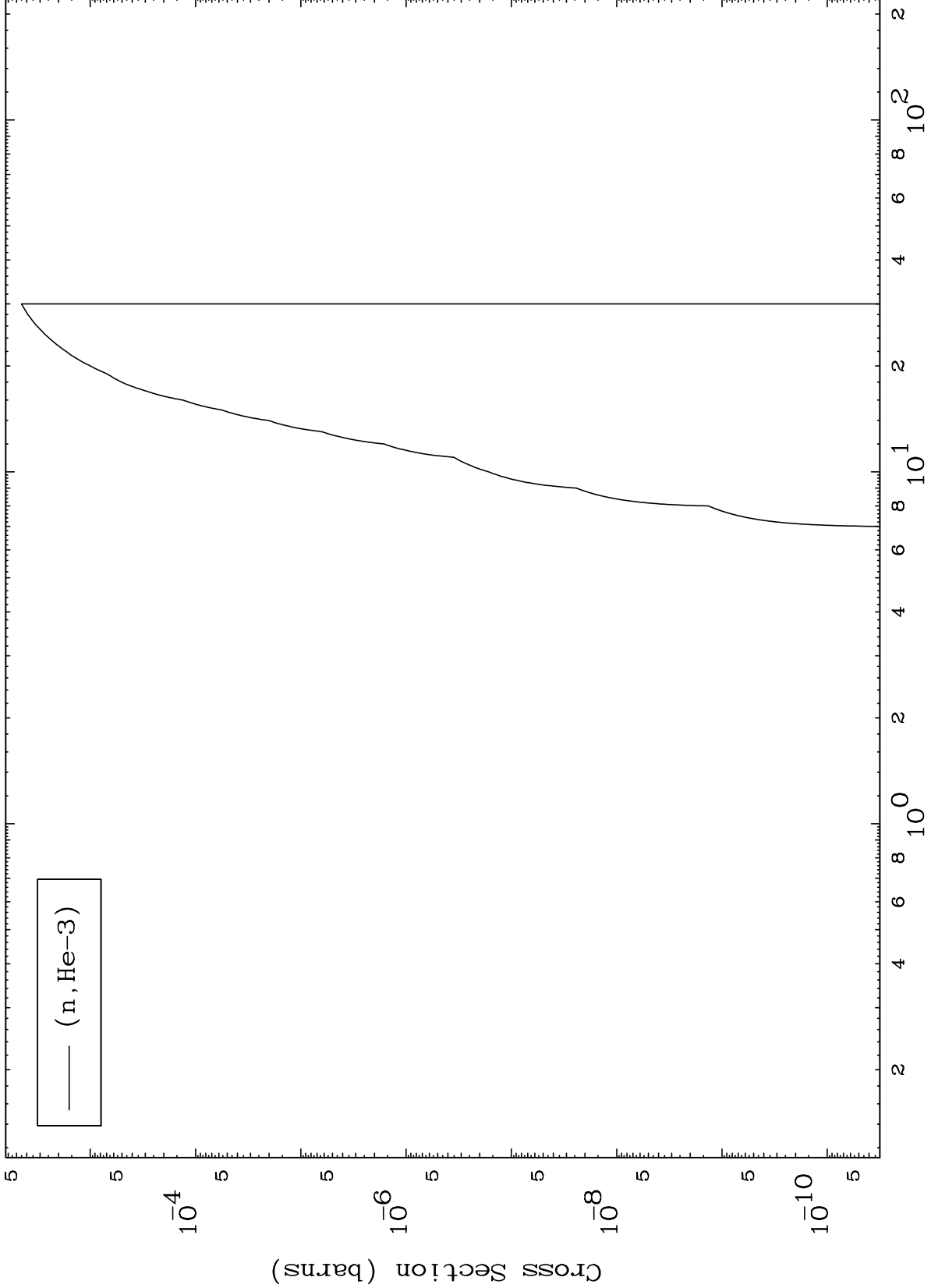
65-Tb-146

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(d,He3) Levels

65-Tb-146

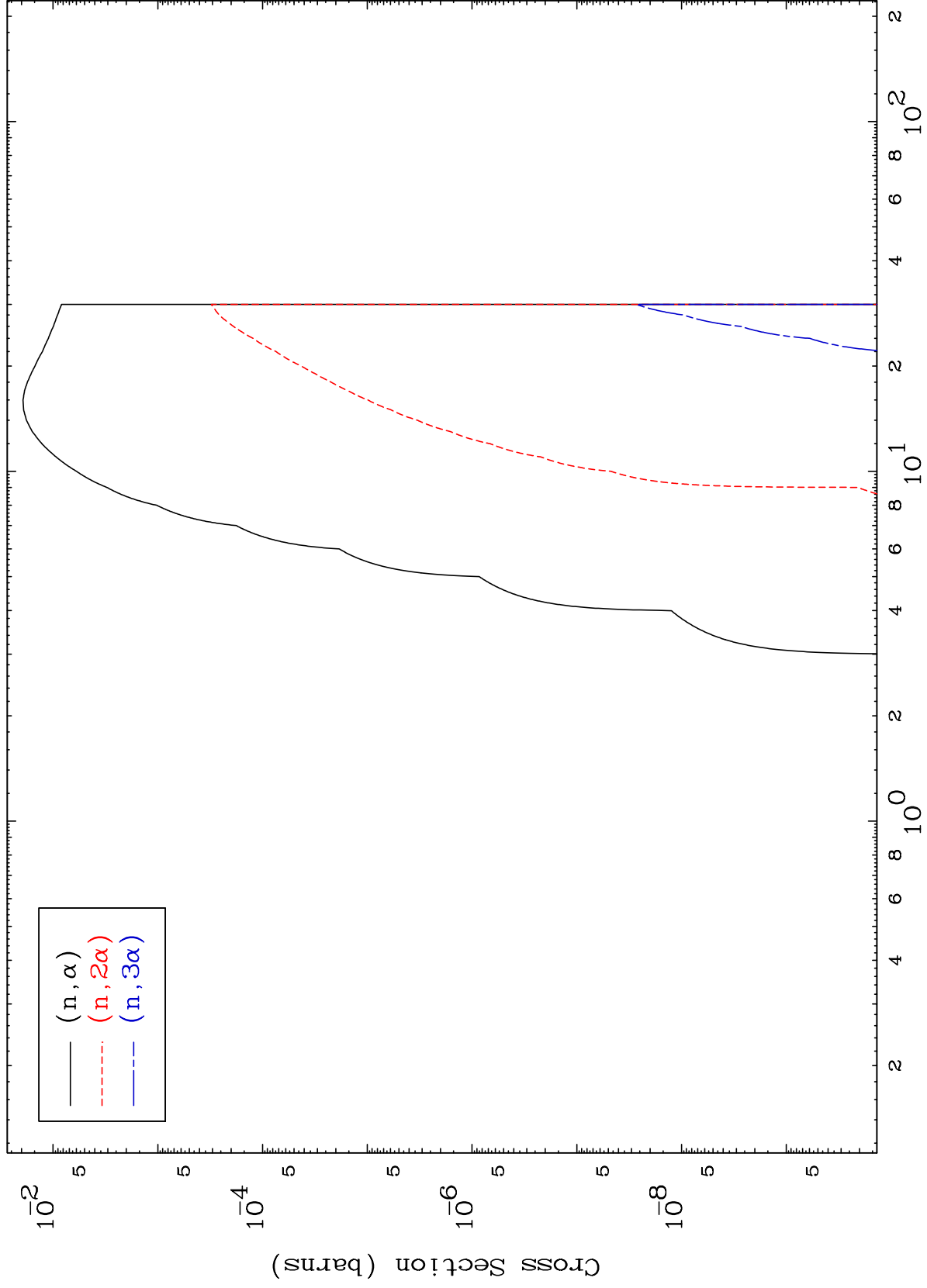
0 Kelvin Cross Sections



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(d,  $\alpha$ ) Levels  
0 Kelvin Cross Sections

65-Tb-146



12

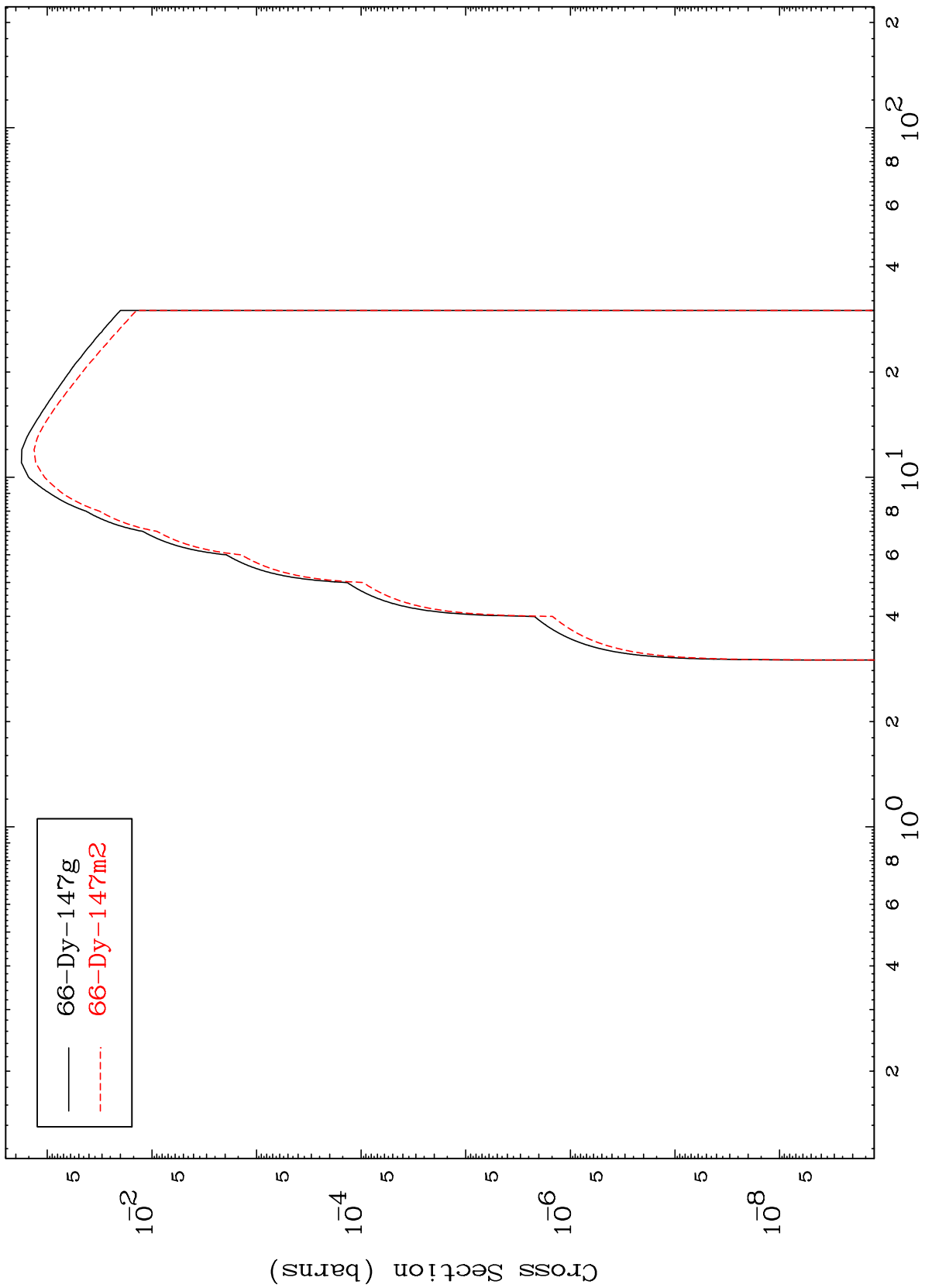
Incident Energy (MeV)

65-Tb-146

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65-Tb-146

Inelastic  
Radionuclide Production Cross Section



66-Dy-147g  
66-Dy-147m2

65-Tb-146

Incident Energy (MeV)

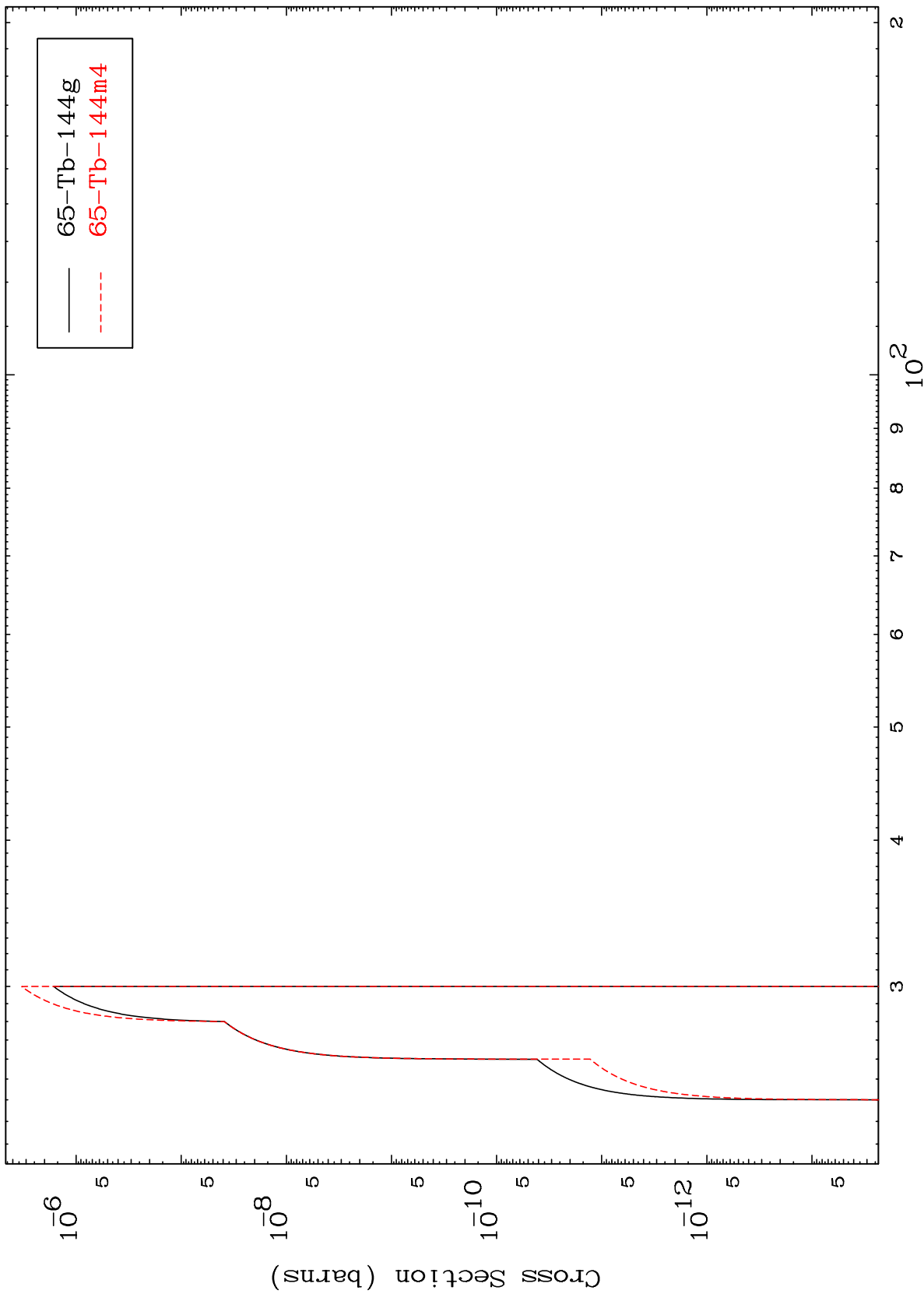
13

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(n,2n) d

65-Tb-146

Radionuclide Production Cross Section



14

Incident Energy (MeV)

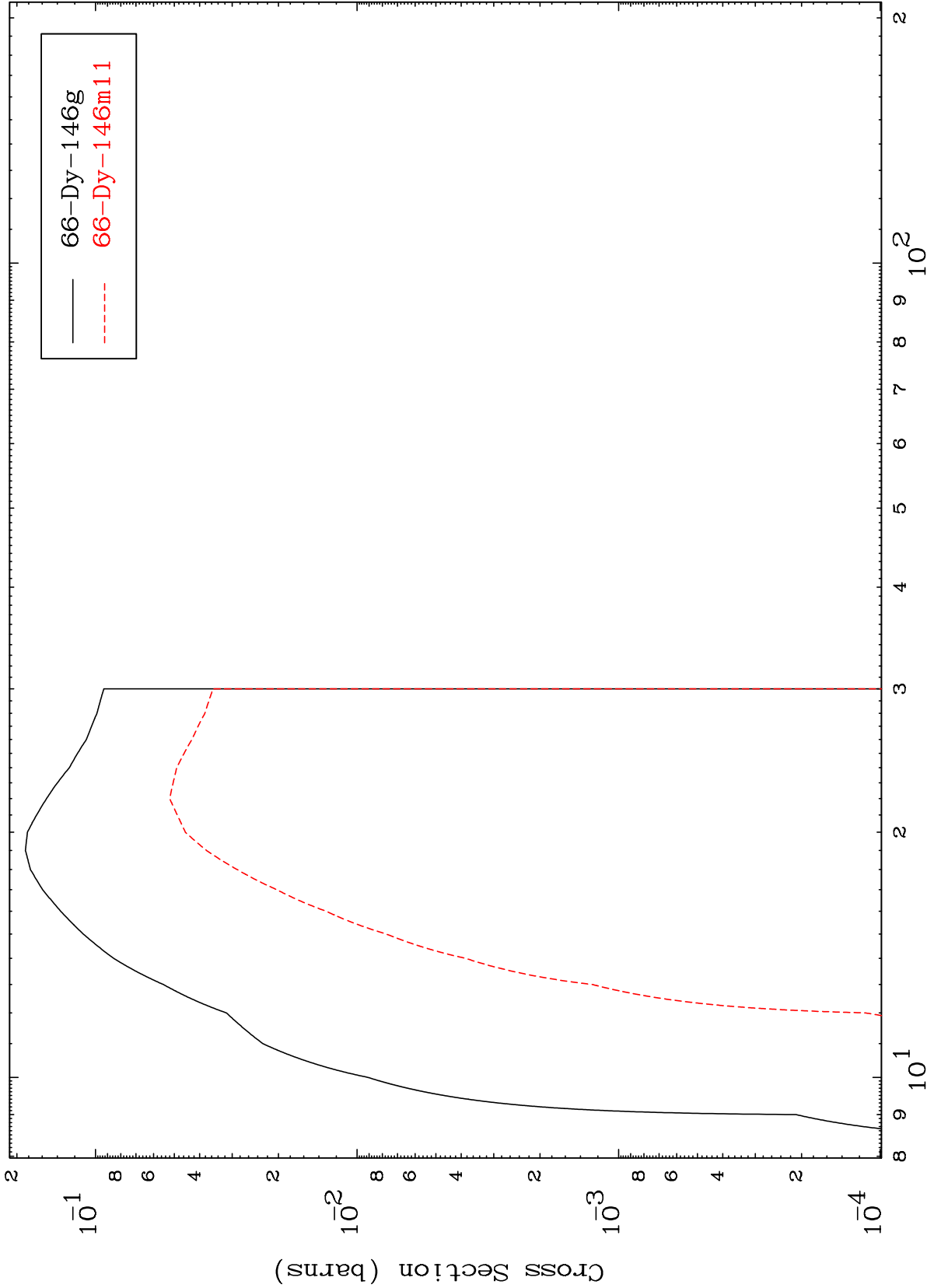
65-Tb-146

MAT 6486

(n,2n)

65-Tb-146

Radionuclide Production Cross Section



66-Dy-146g  
66-Dy-146m11

15

Incident Energy (MeV)

65-Tb-146

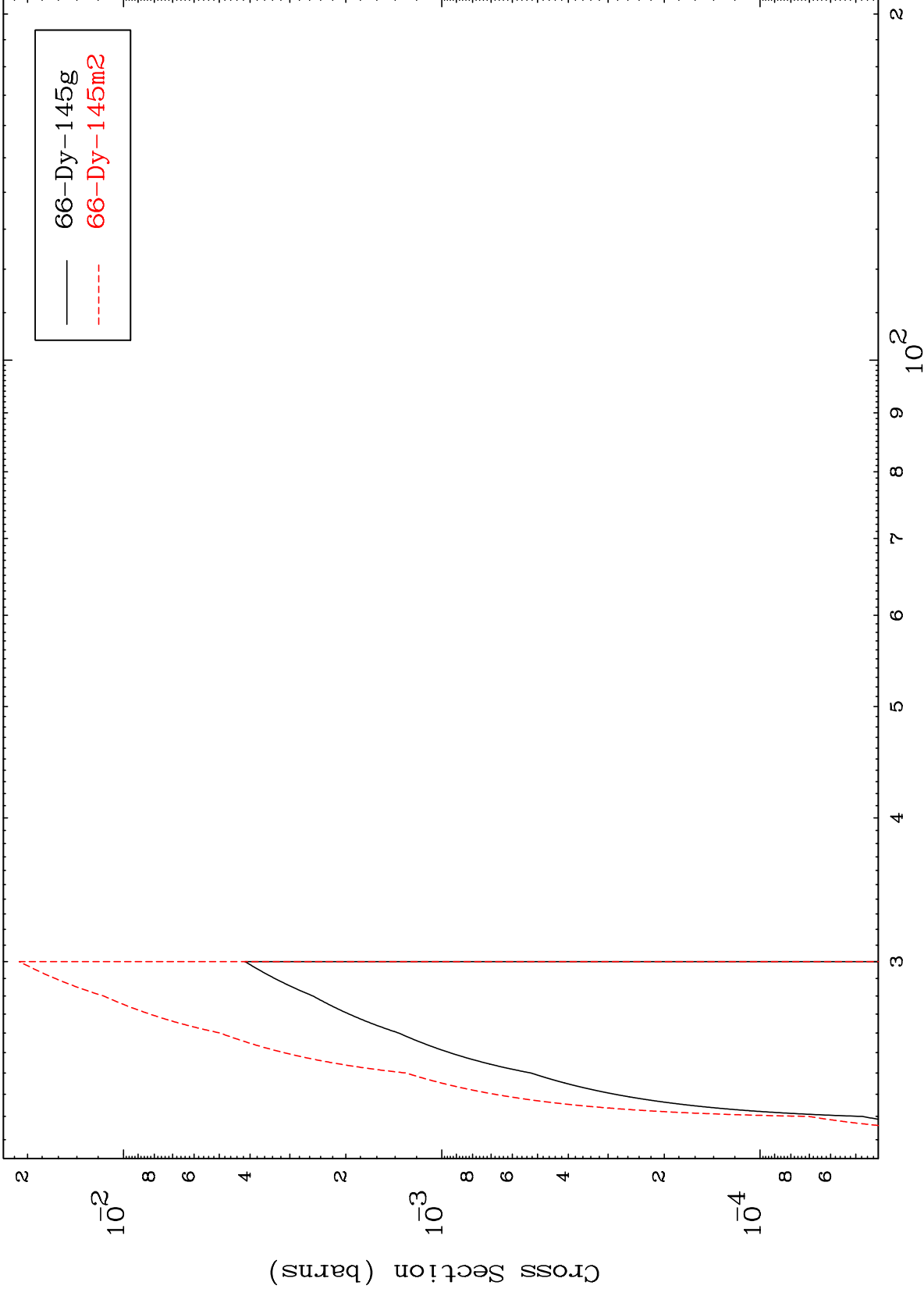


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(n,3n)

65-Tb-146

Radionuclide Production Cross Section



66-Dy-145g  
66-Dy-145m2

16

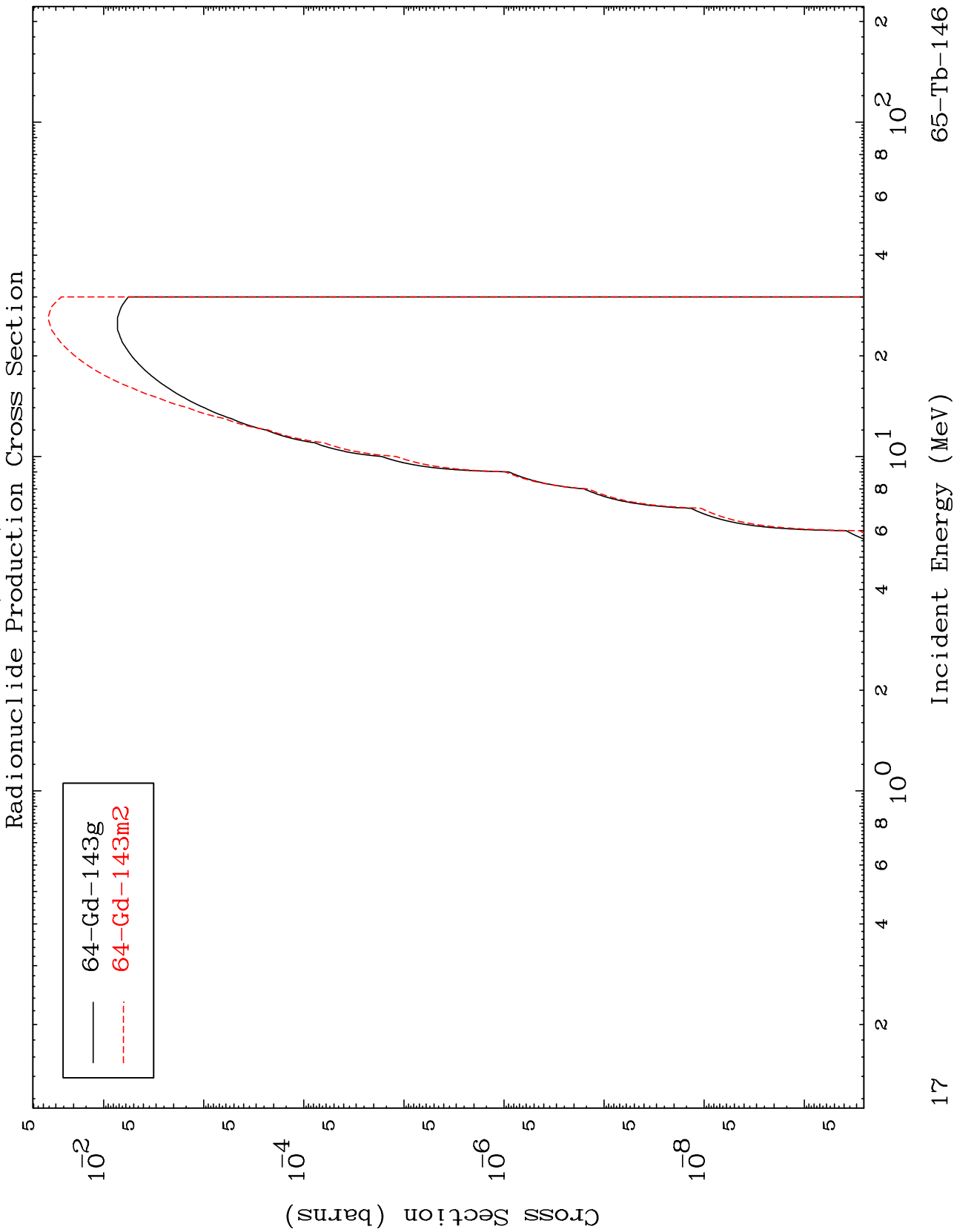
Incident Energy (MeV)

65-Tb-146

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$(n, n') \alpha$

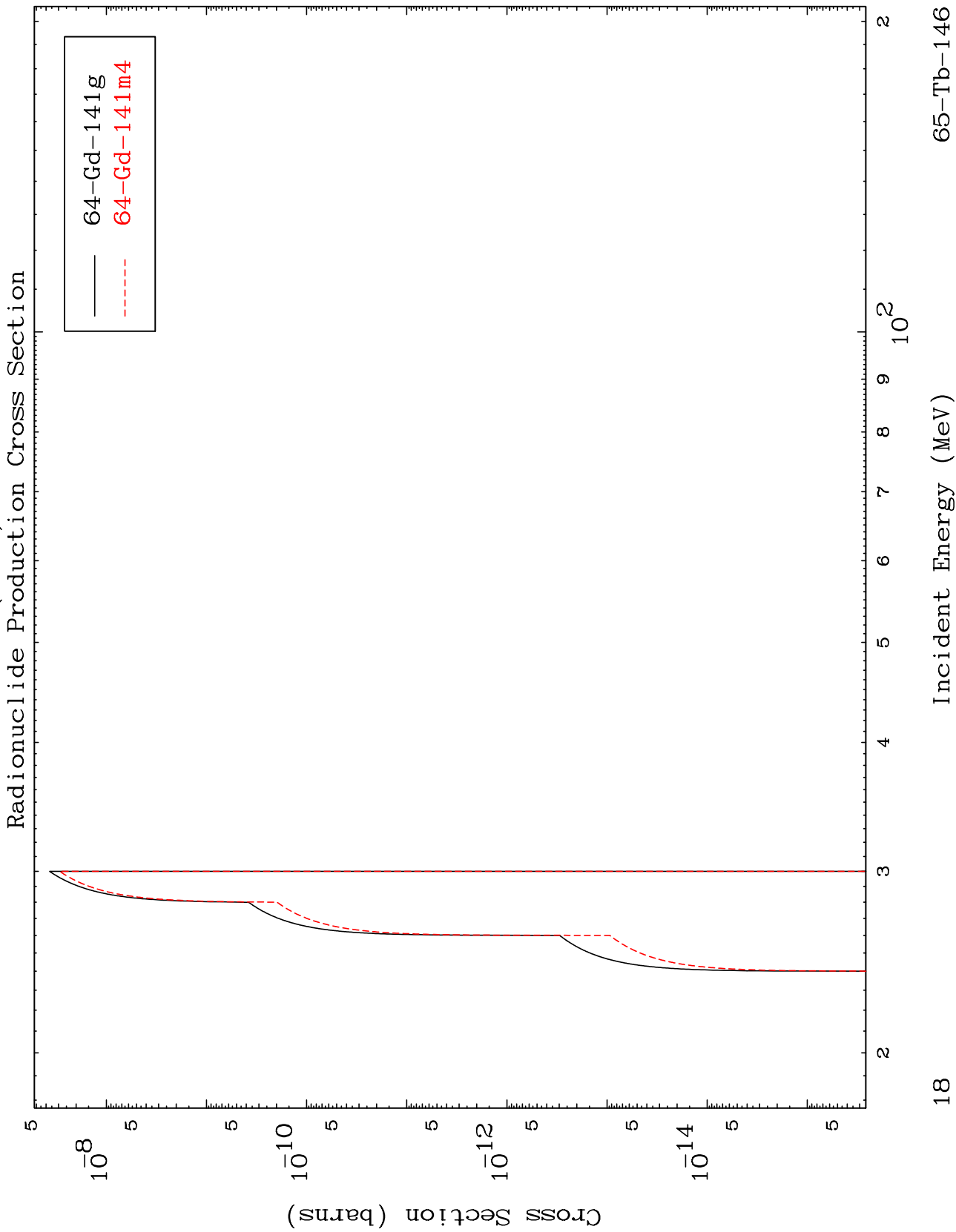
$^{65}\text{Tb}-146$



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(n,3n)  $\alpha$

65-Tb-146



18

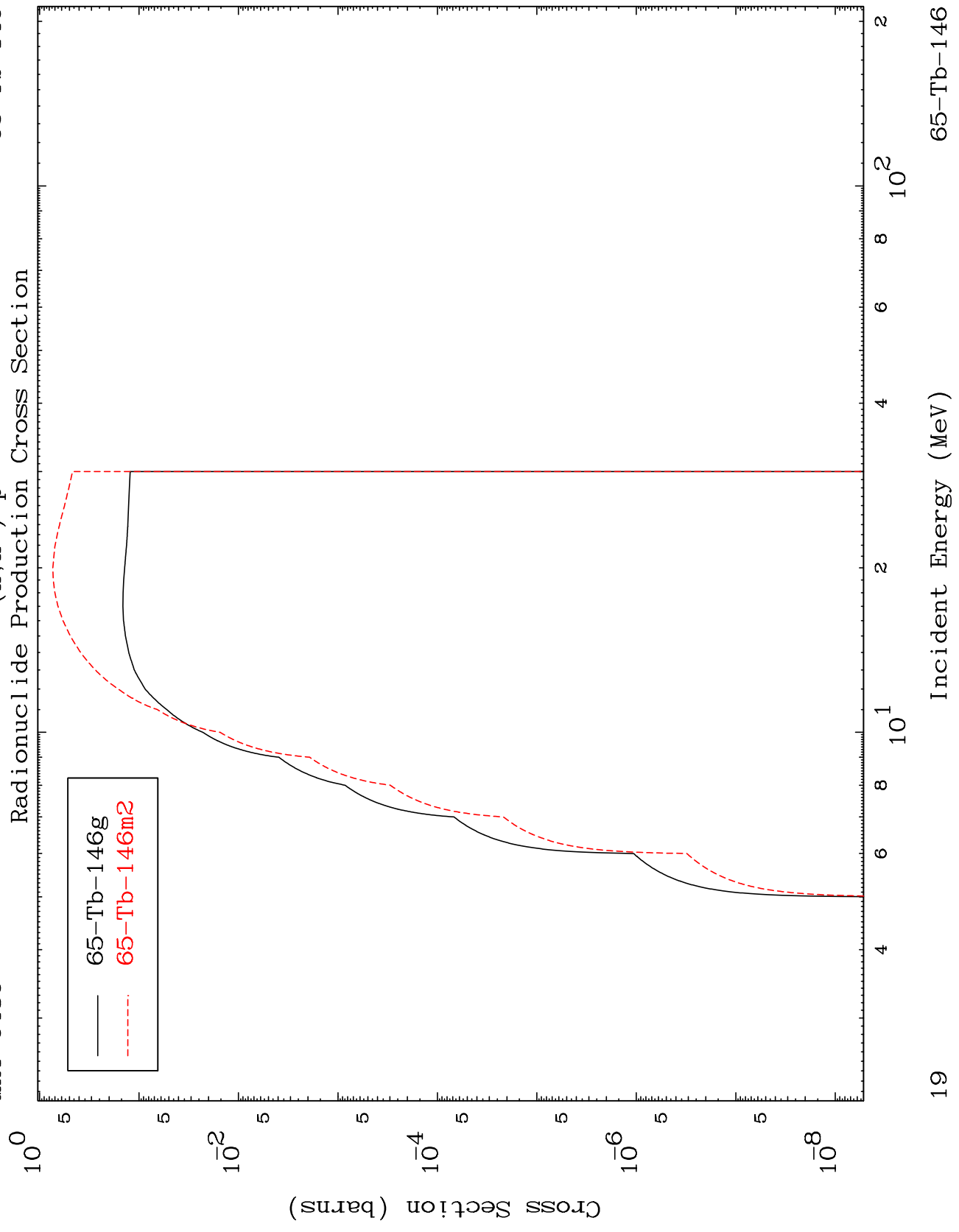
Incident Energy (MeV)

65-Tb-146

MAT 6486

(n,n') p

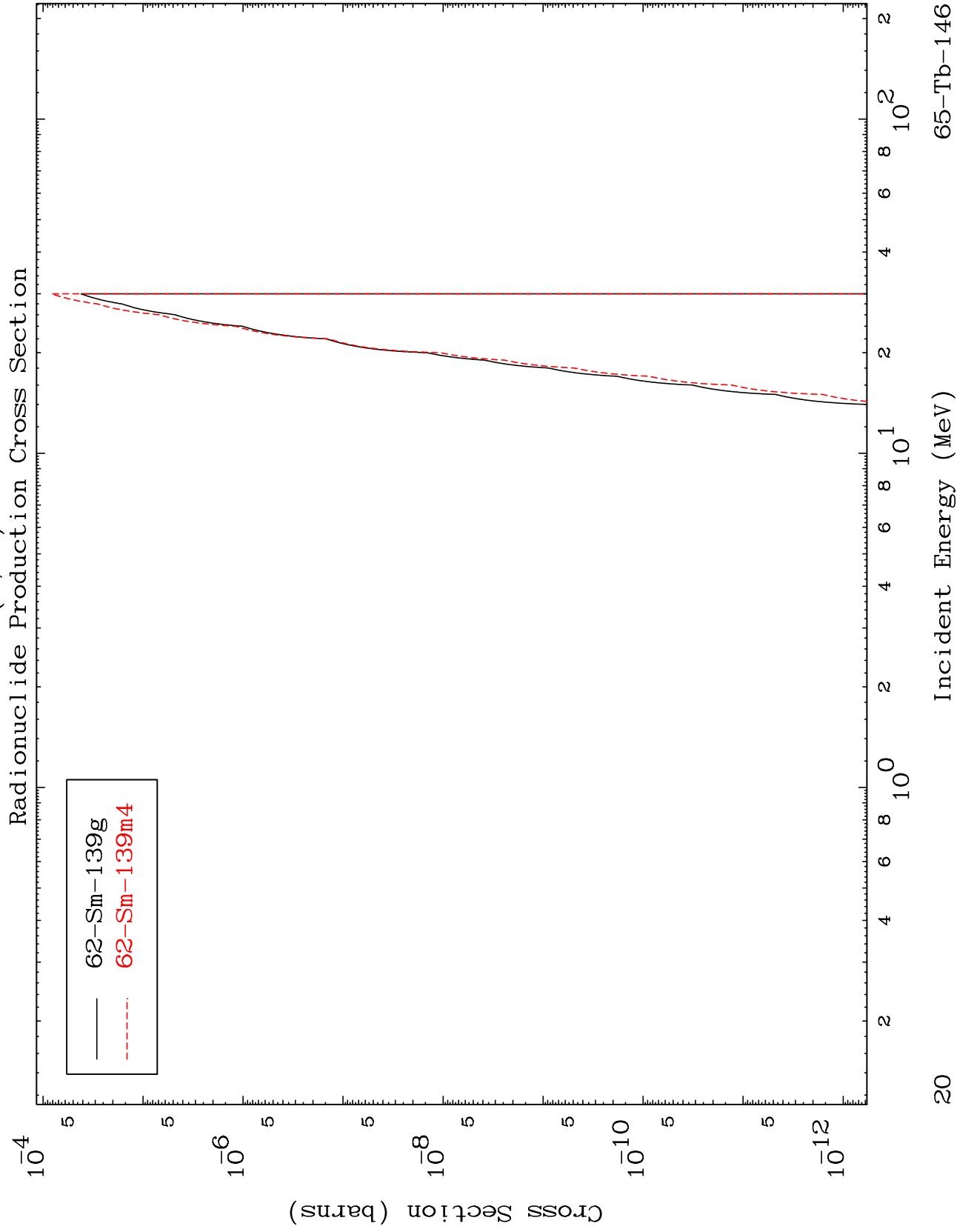
65-Tb-146

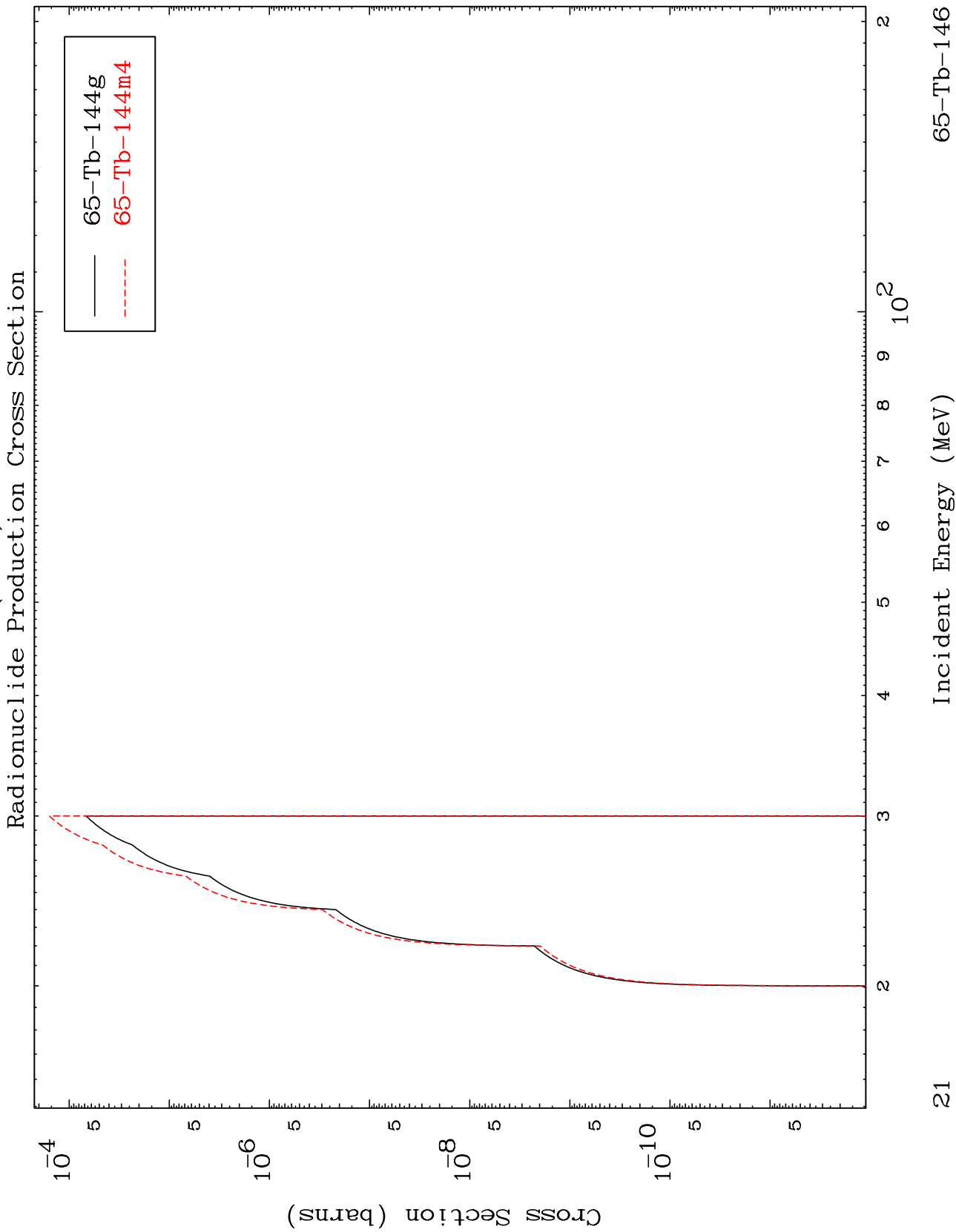


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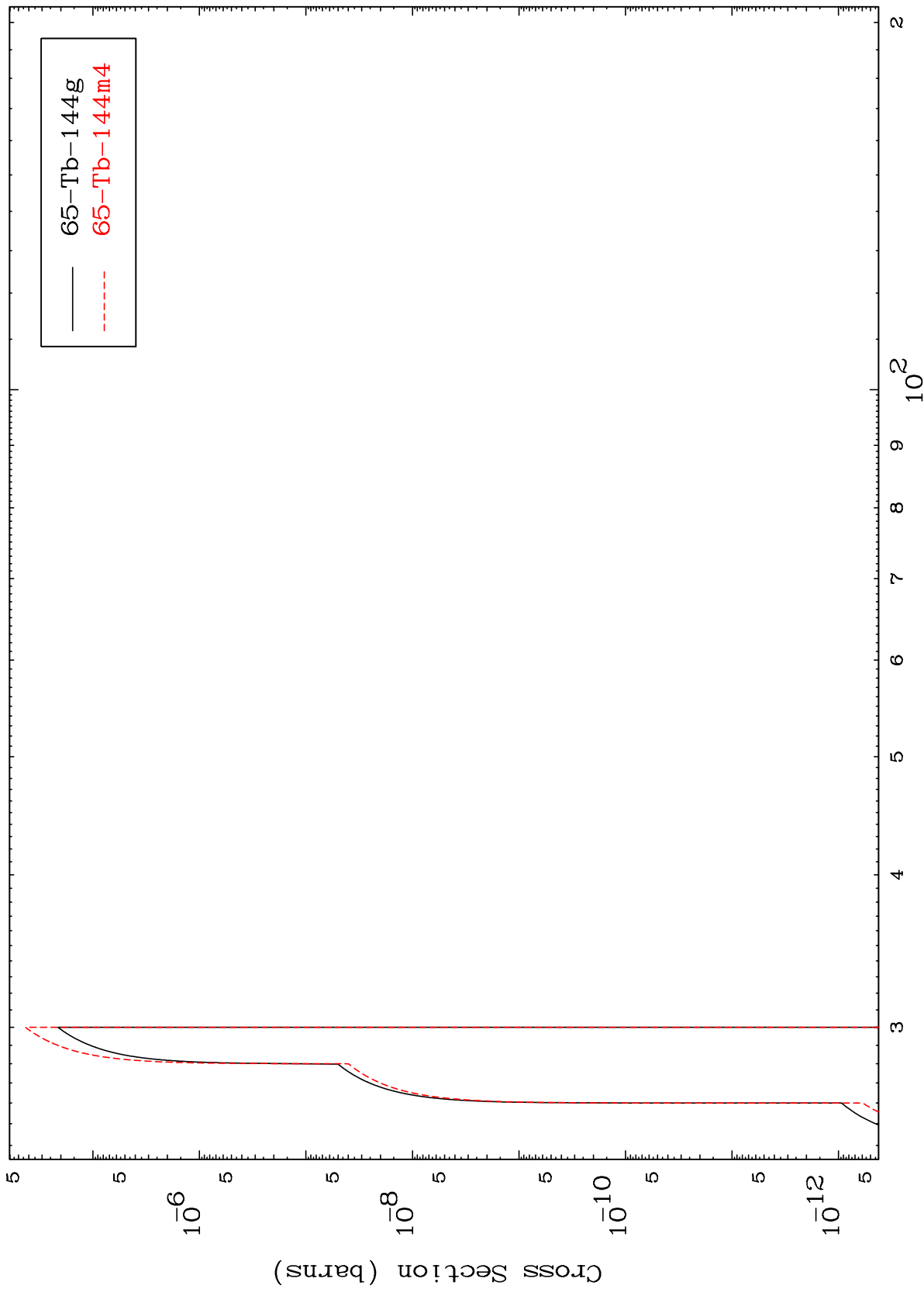
(n,n') 2 $\alpha$

65-Tb-146





Radionuclide Production Cross Section



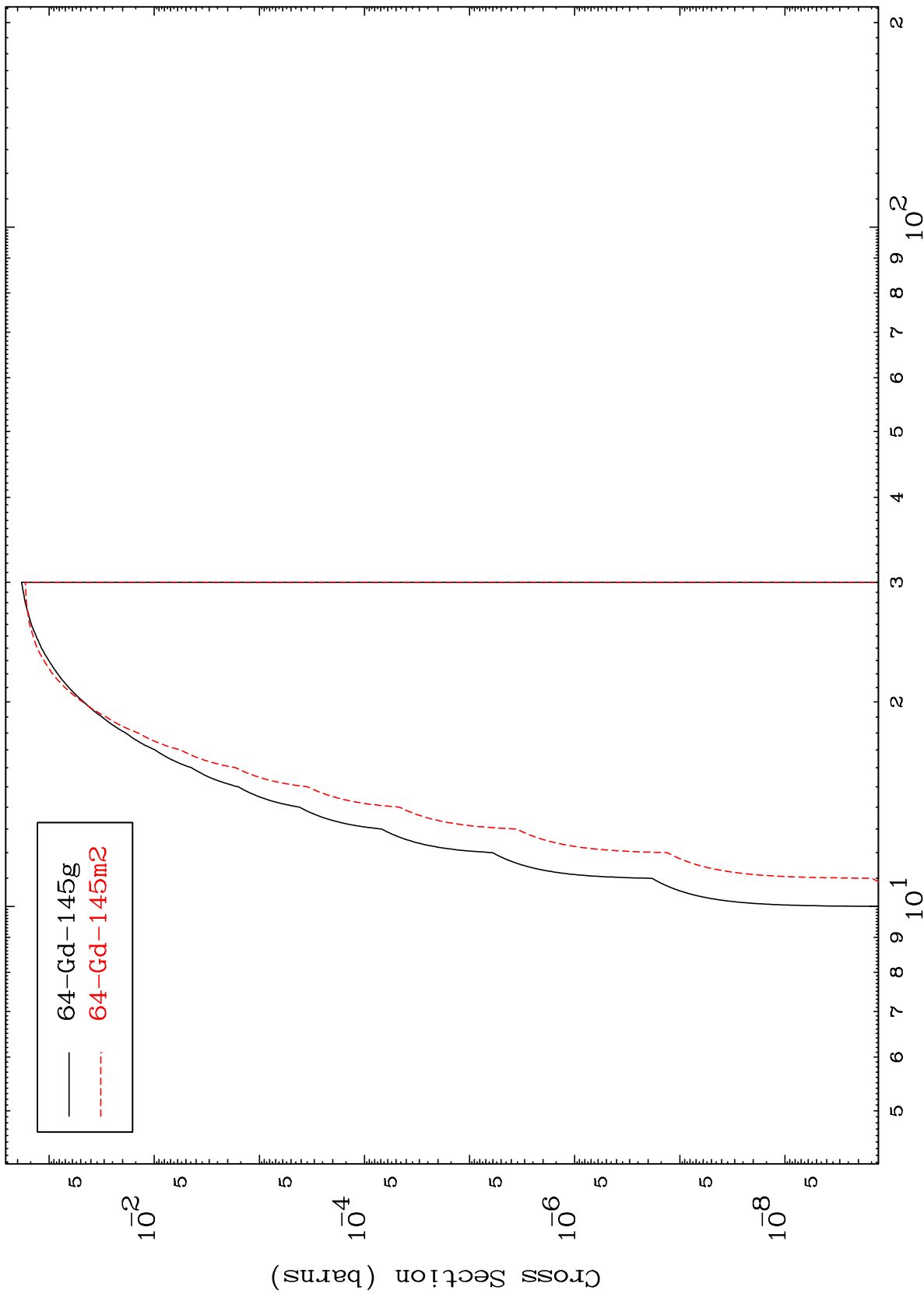
65-Tb-144g  
65-Tb-144m4

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(n,2n) p

65-Tb-146

Radionuclide Production Cross Section



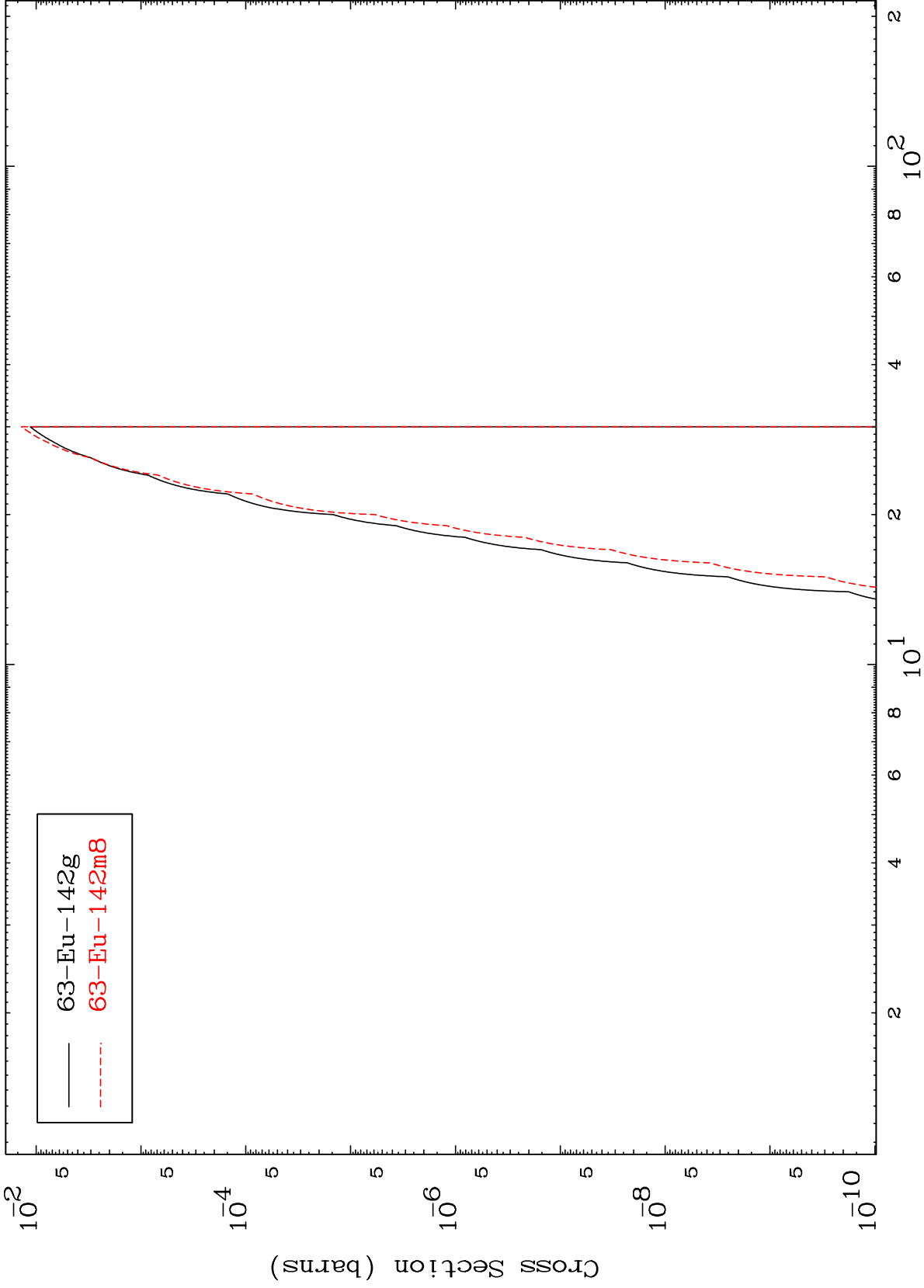


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(n,n') p  $\alpha$

65-Tb-146

Radionuclide Production Cross Section



24

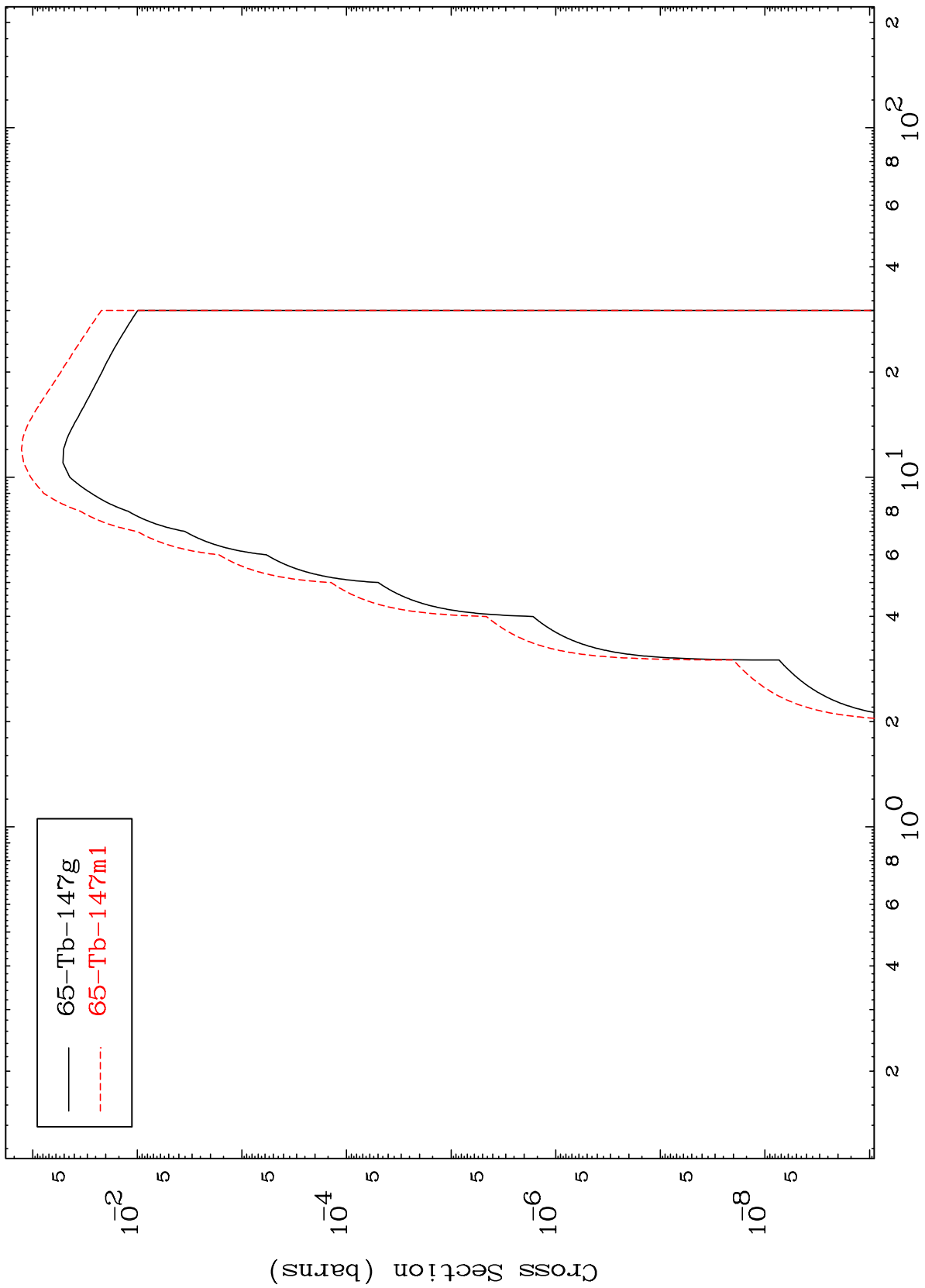
Incident Energy (MeV)

65-Tb-146

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65-Tb-146

(n,p)  
Radionuclide Production Cross Section



65-Tb-147g  
65-Tb-147m1

65-Tb-146

Incident Energy (MeV)

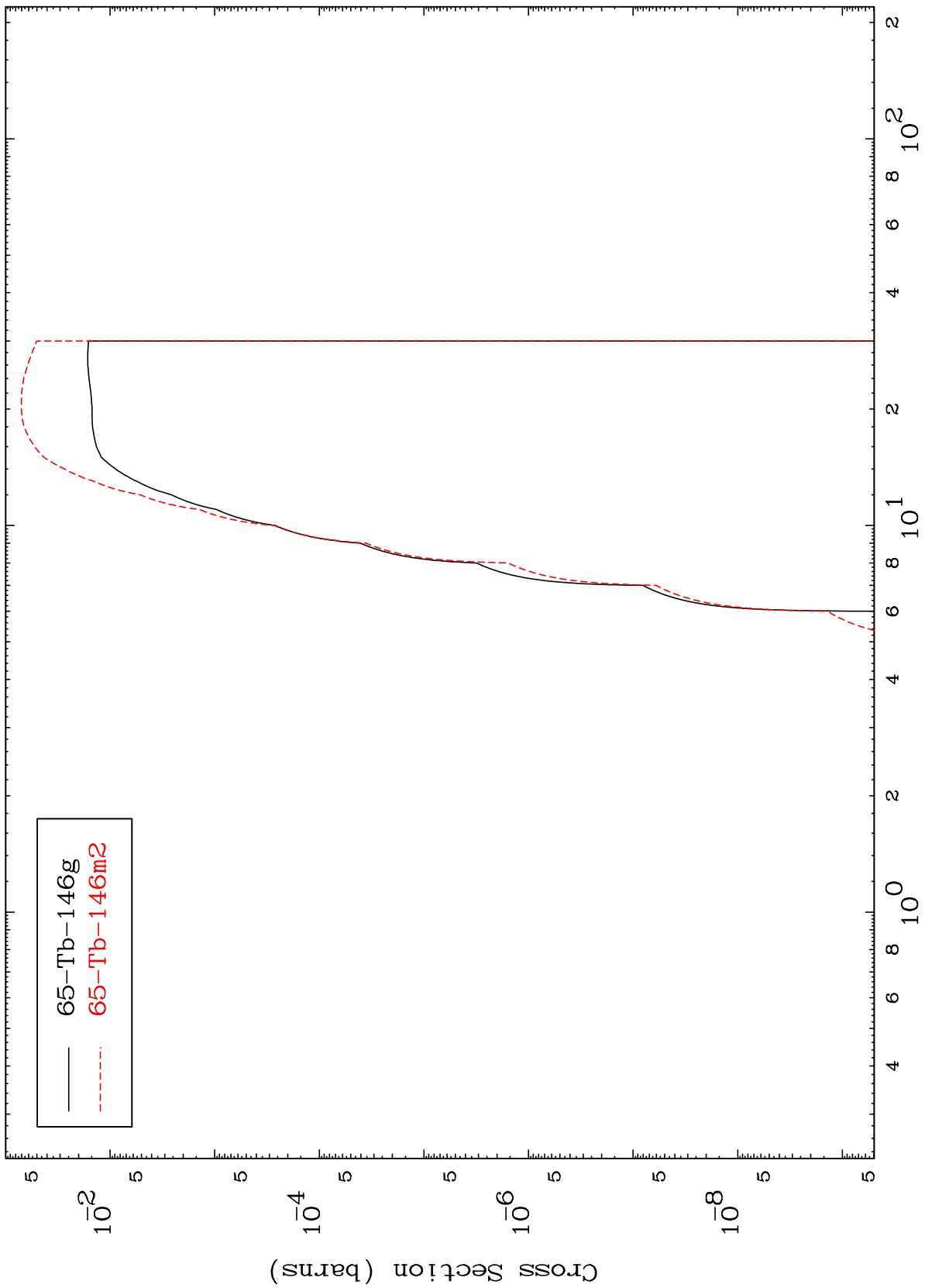
25

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(n,d)

65-Tb-146

Radionuclide Production Cross Section



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

Incident Energy (MeV)

65-Tb-146

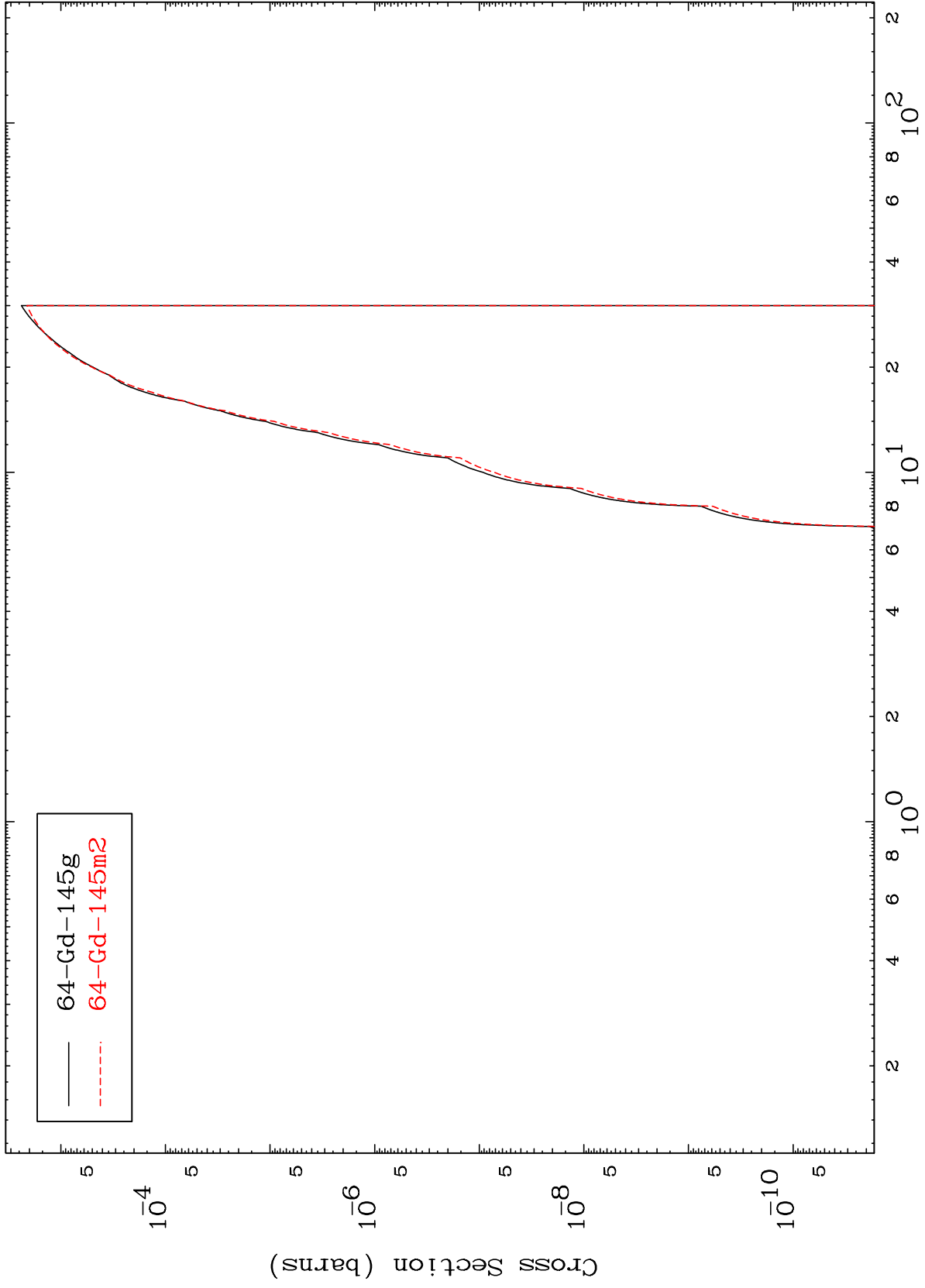
26

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(n,He-3)

65-Tb-146

Radionuclide Production Cross Section

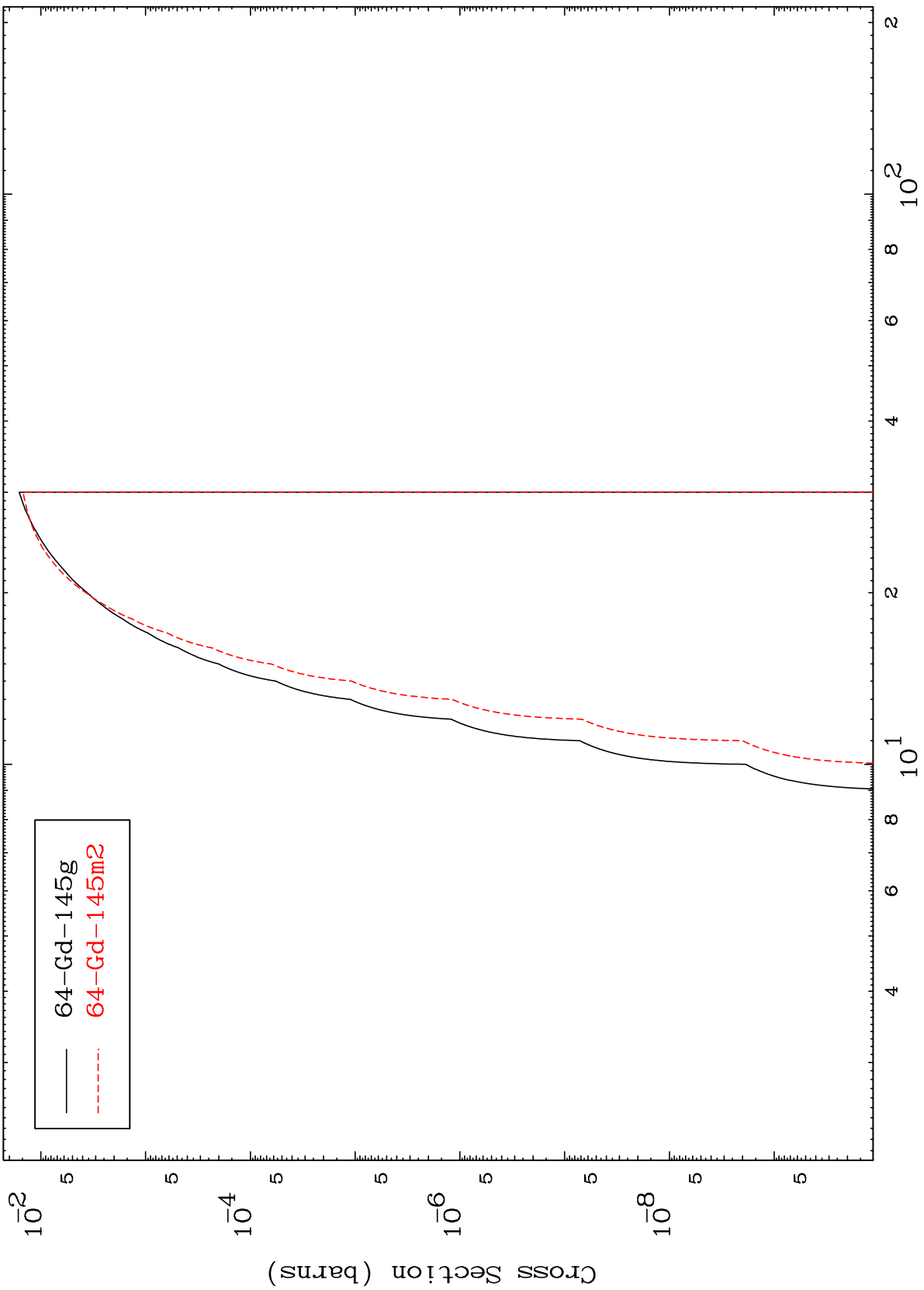


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(n,p) d

<sup>65</sup>Tb-146

Radionuclide Production Cross Section



MAT 6486

(n,d)  $\alpha$

65-Tb-146

