

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

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

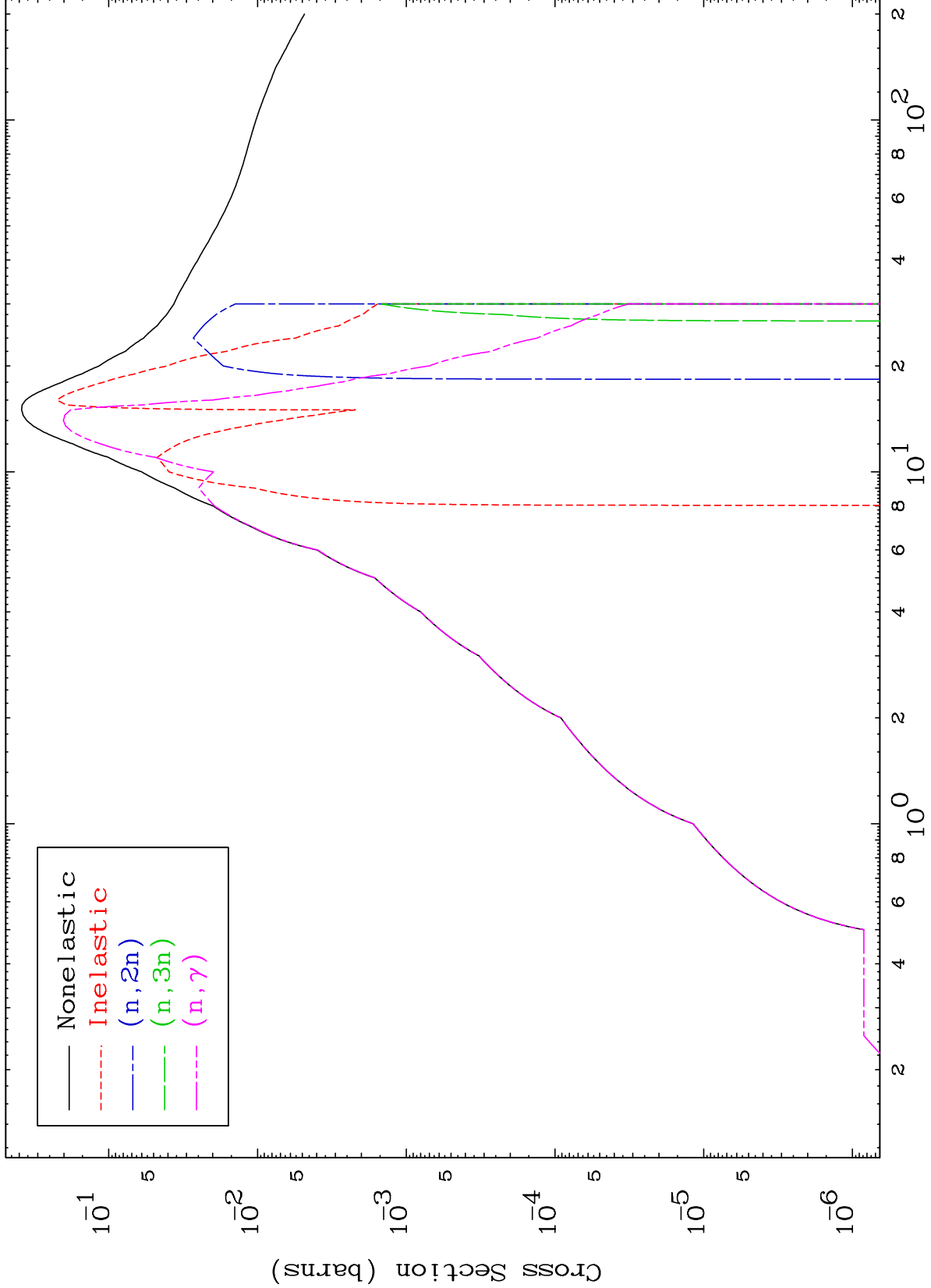
Tele: 925-443-1911

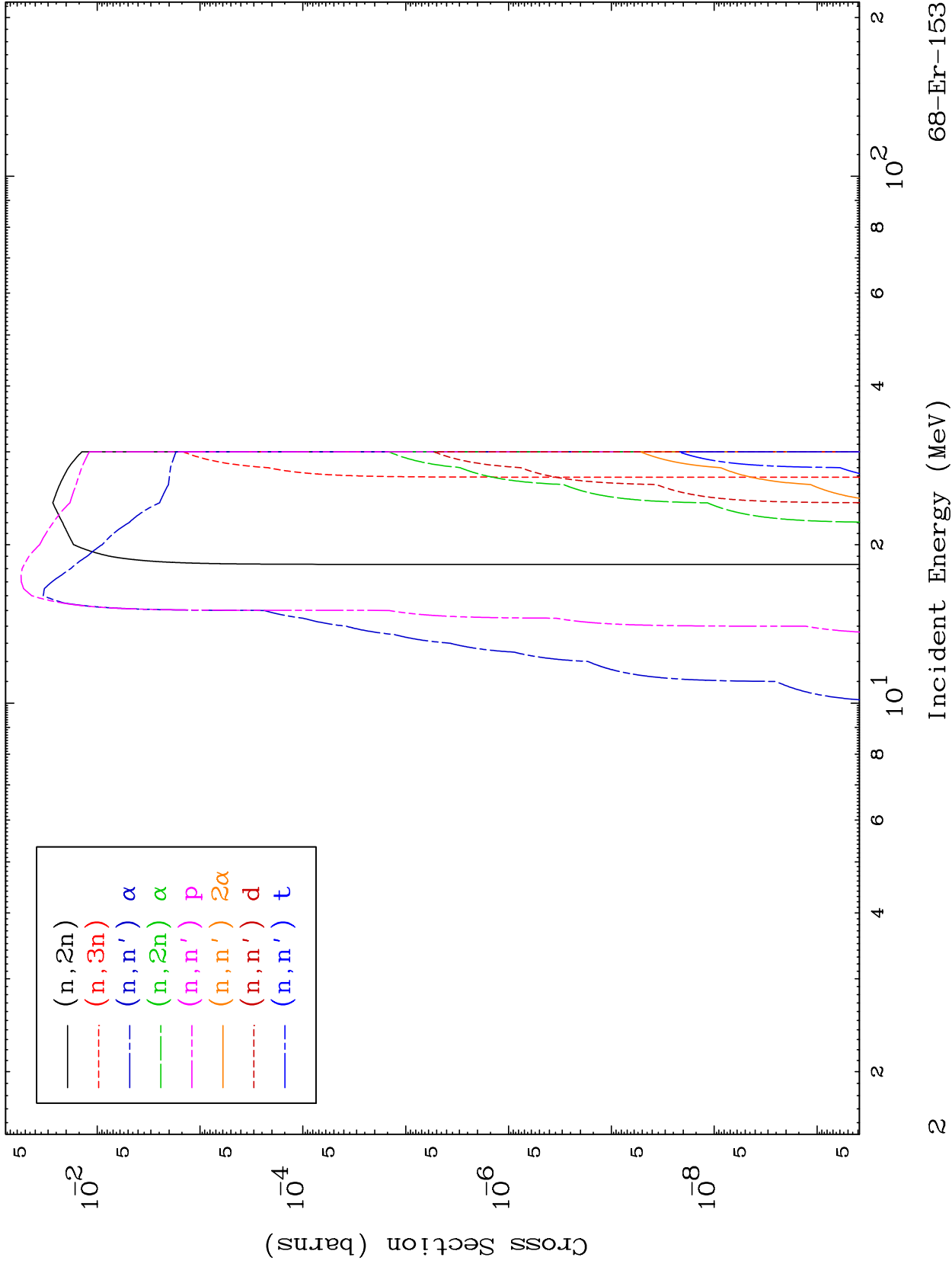
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

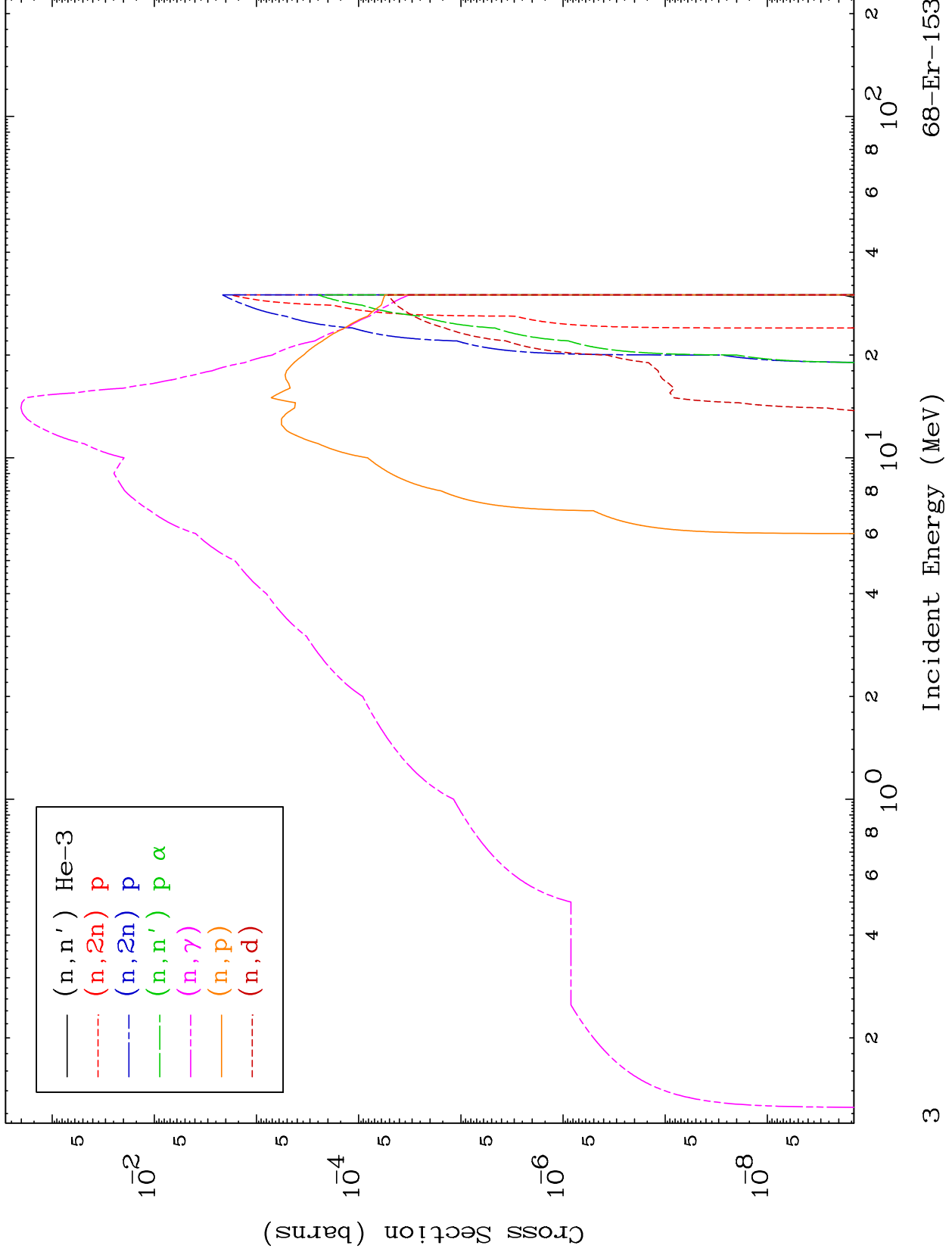
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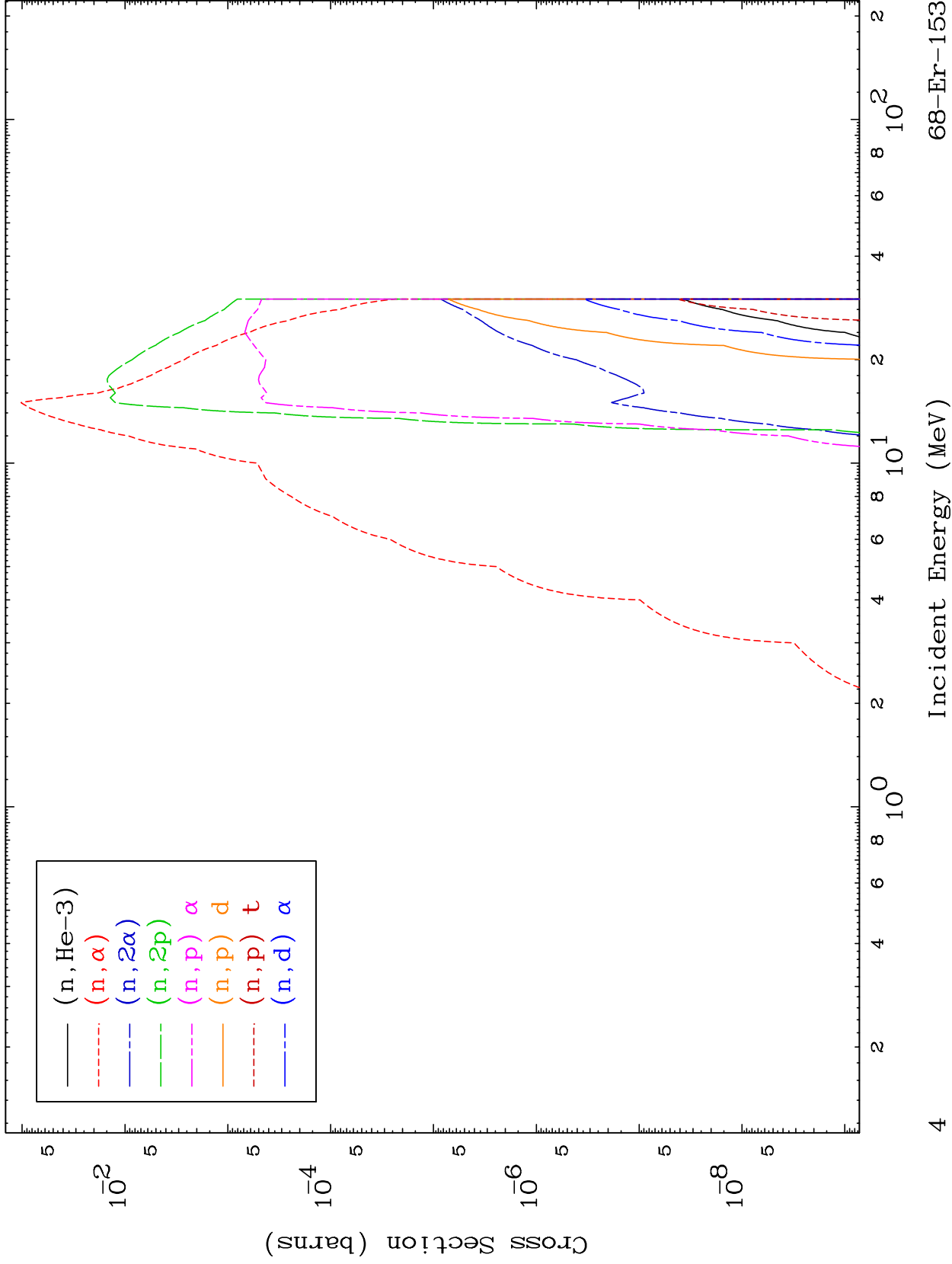
Press Mouse Button to Start

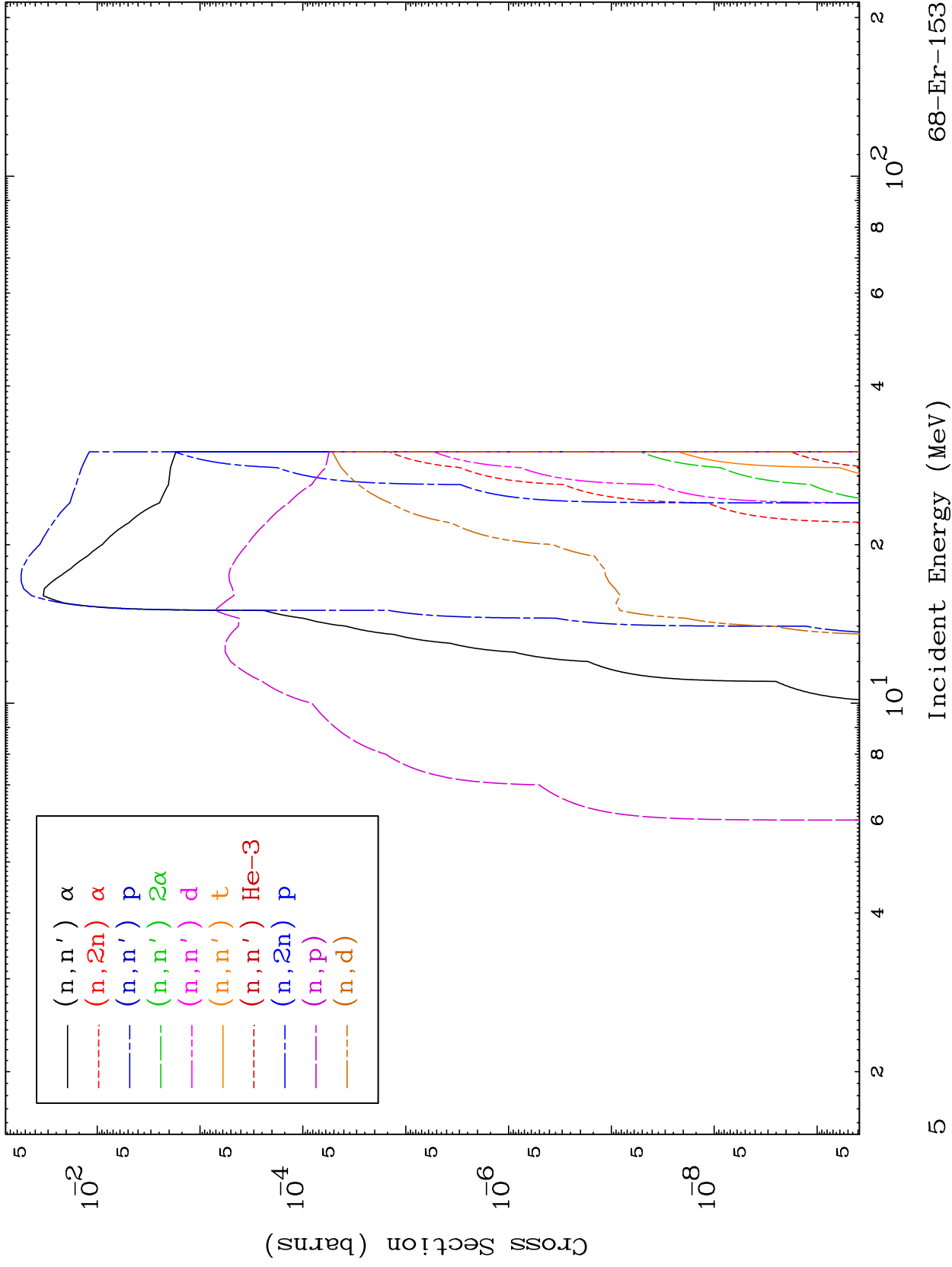
0 Kelvin Cross Sections

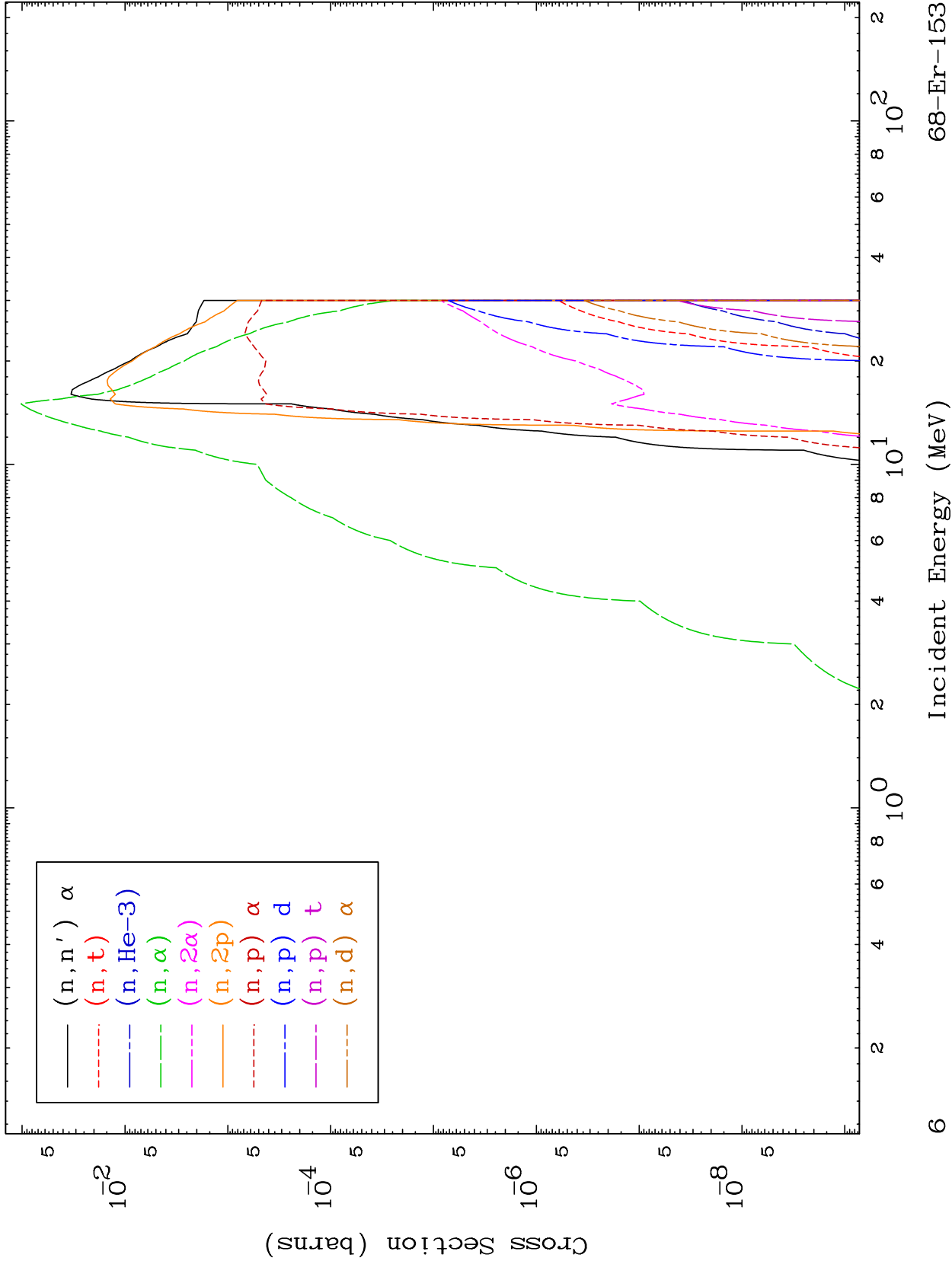




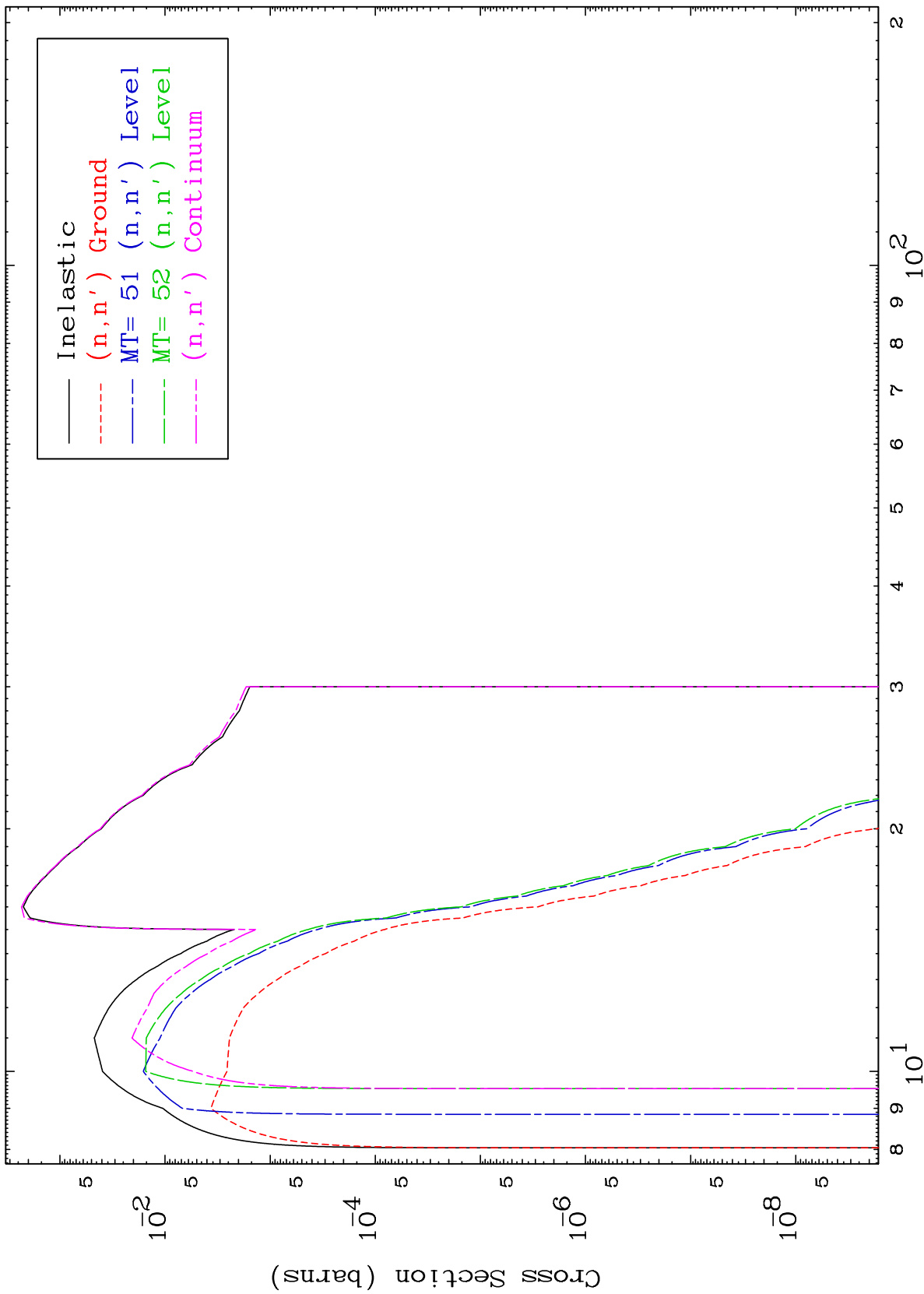


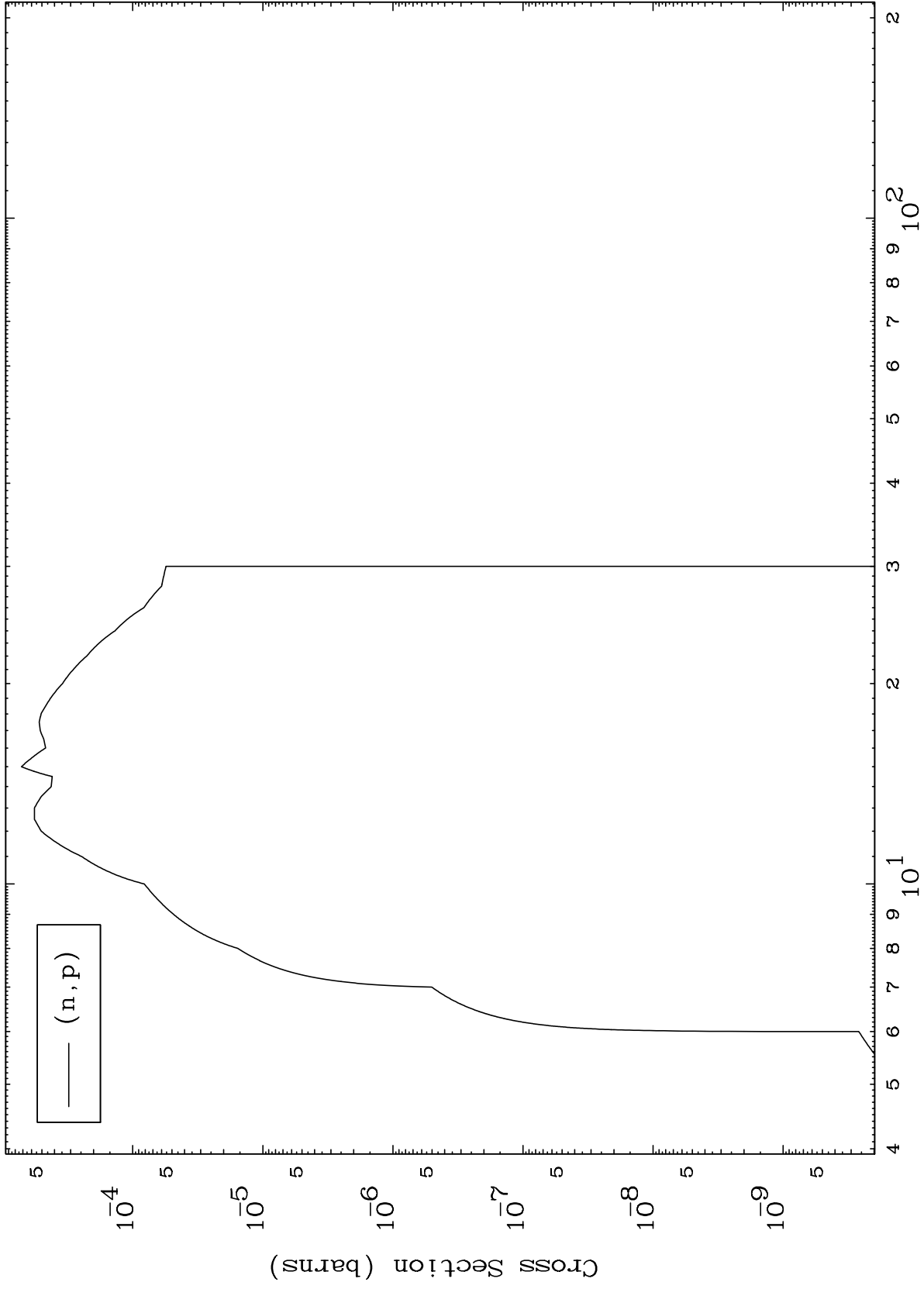






( $\gamma, n'$ ) Levels  
0 Kelvin Cross Sections



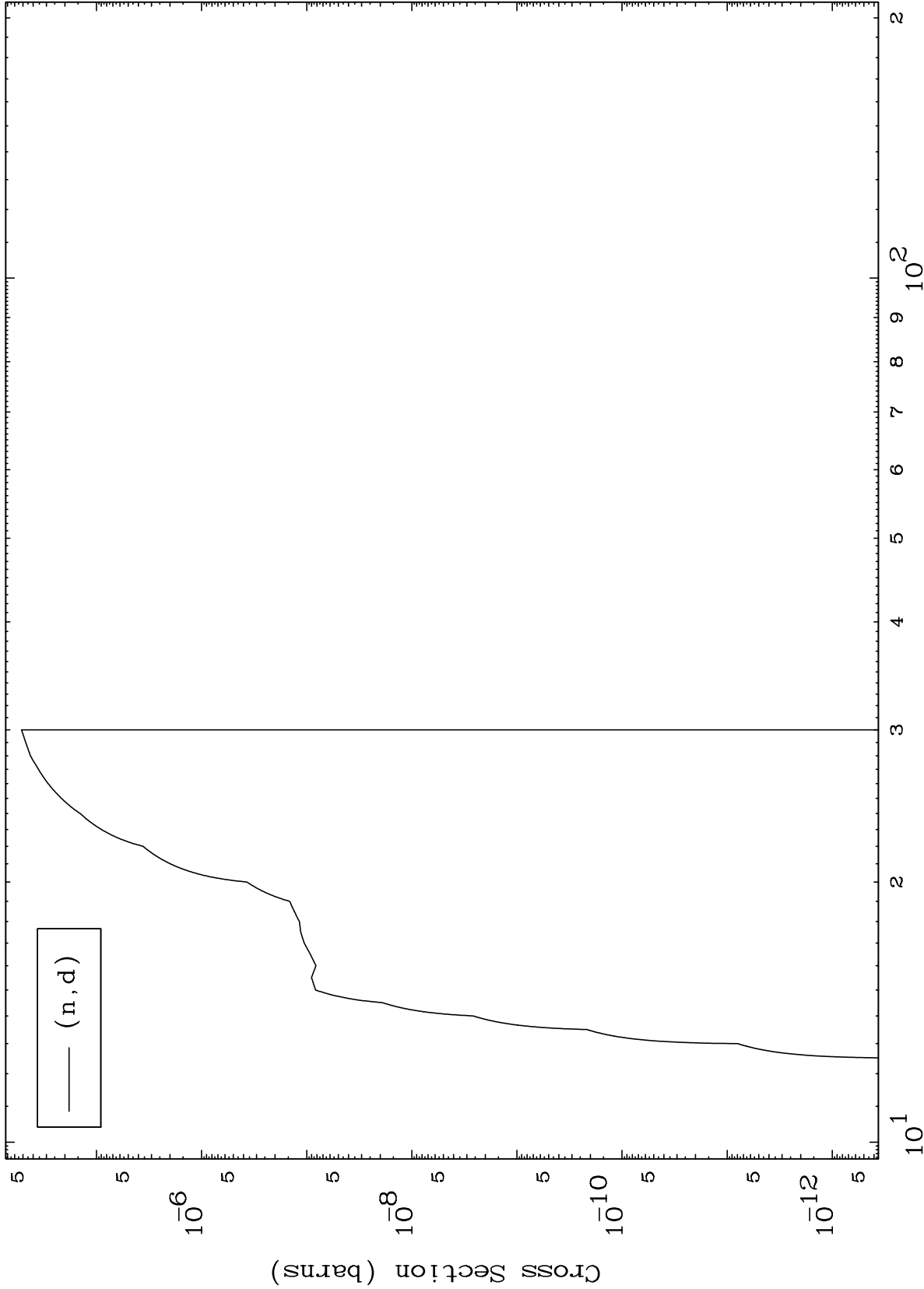


MAT 6798

( $\gamma, d$ ) Levels

68-Er-153

0 Kelvin Cross Sections



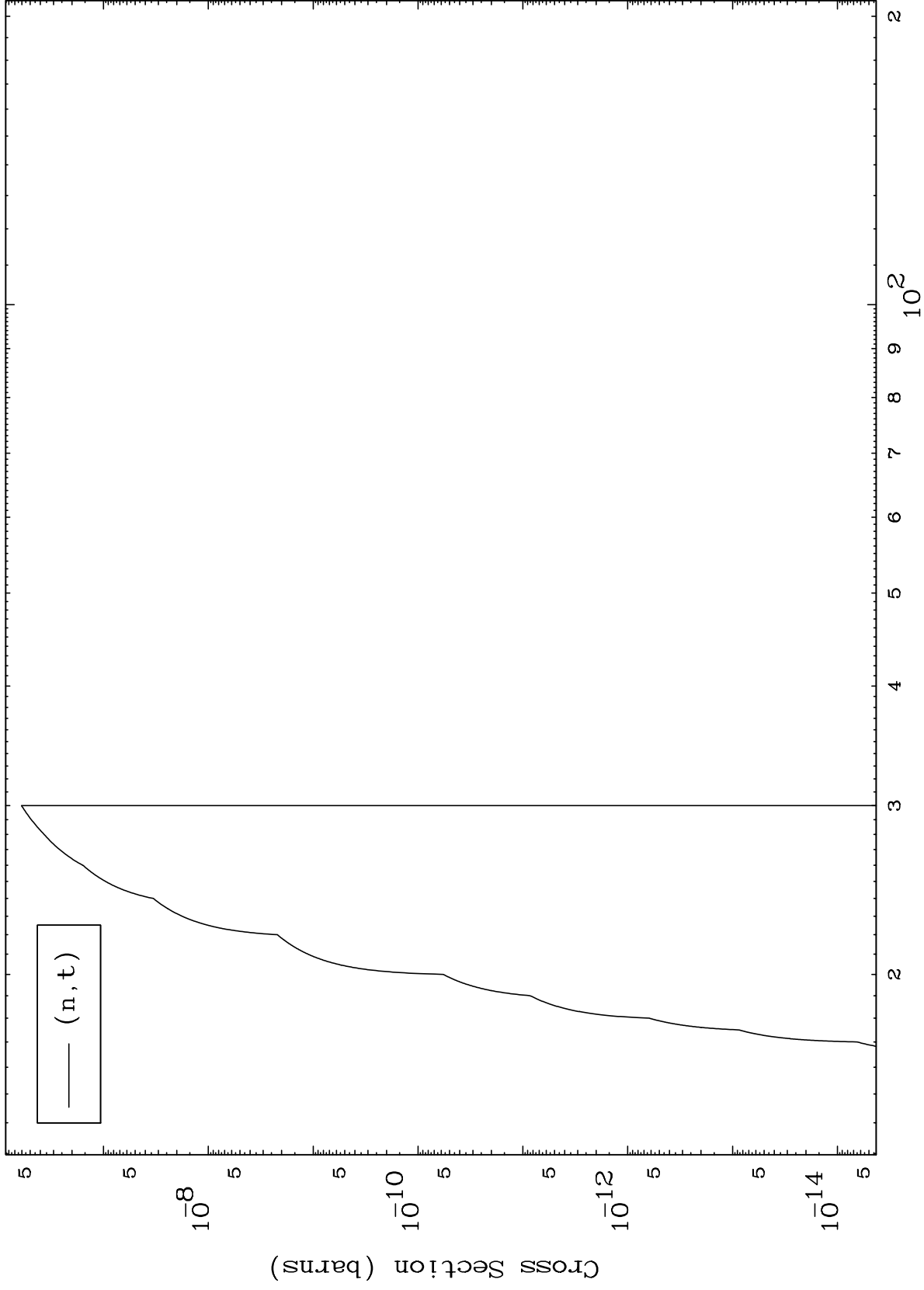
Incident Energy (MeV)

68-Er-153

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( $\gamma, t$ ) Levels  
0 Kelvin Cross Sections

68-Er-153

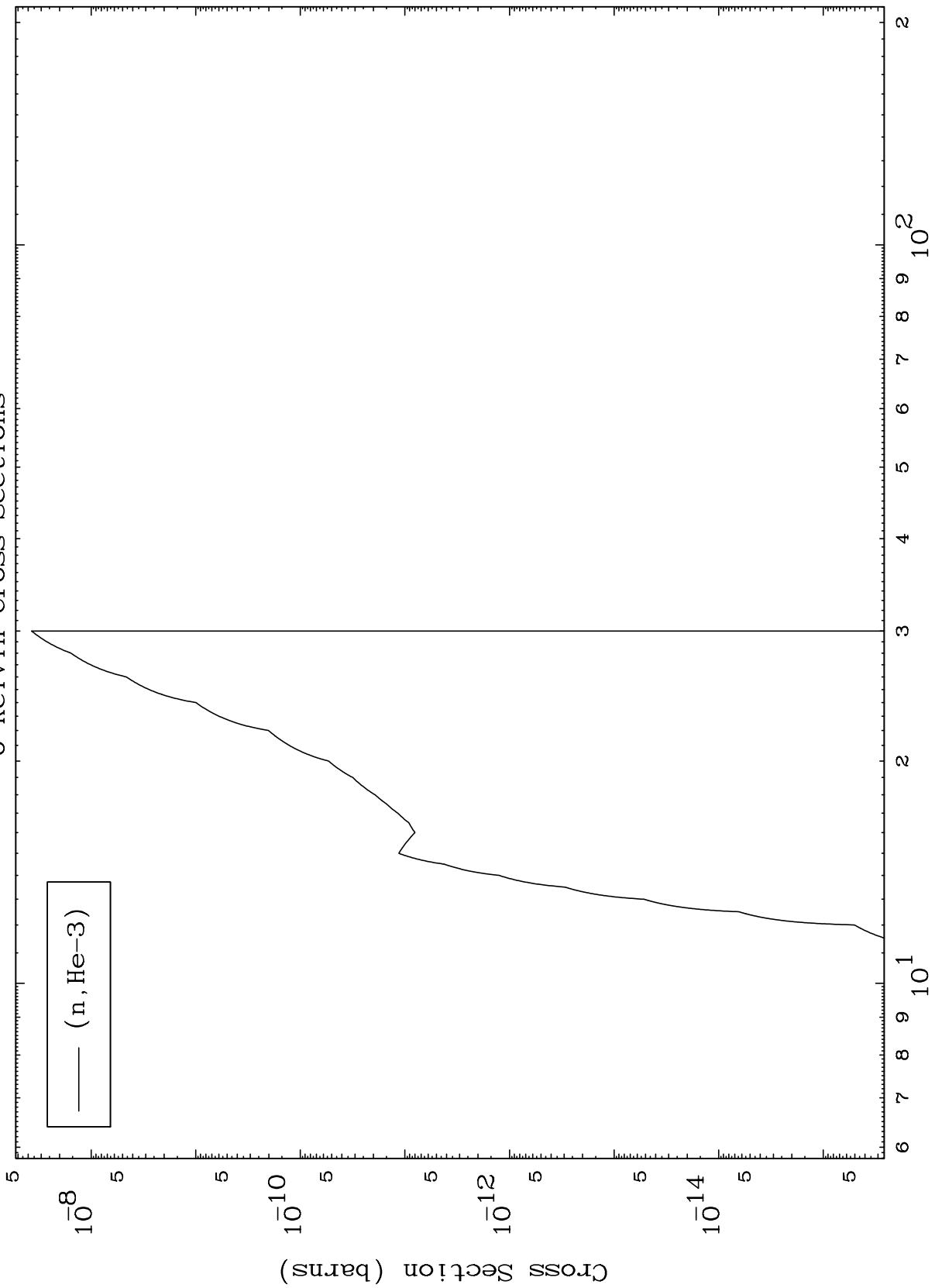


10

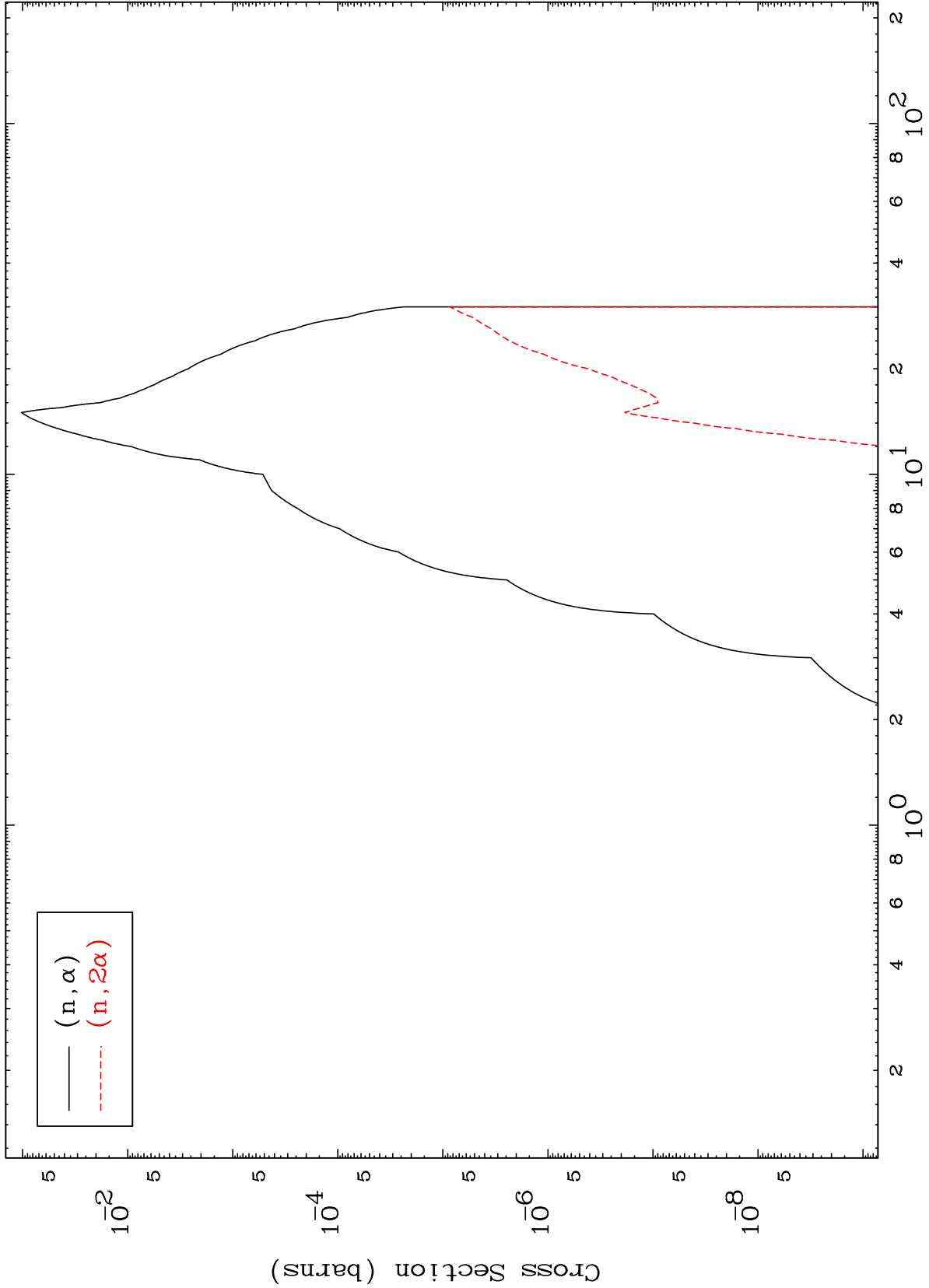
Incident Energy (MeV)

68-Er-153

( $\gamma, \text{He}3$ ) Levels  
0 Kelvin Cross Sections



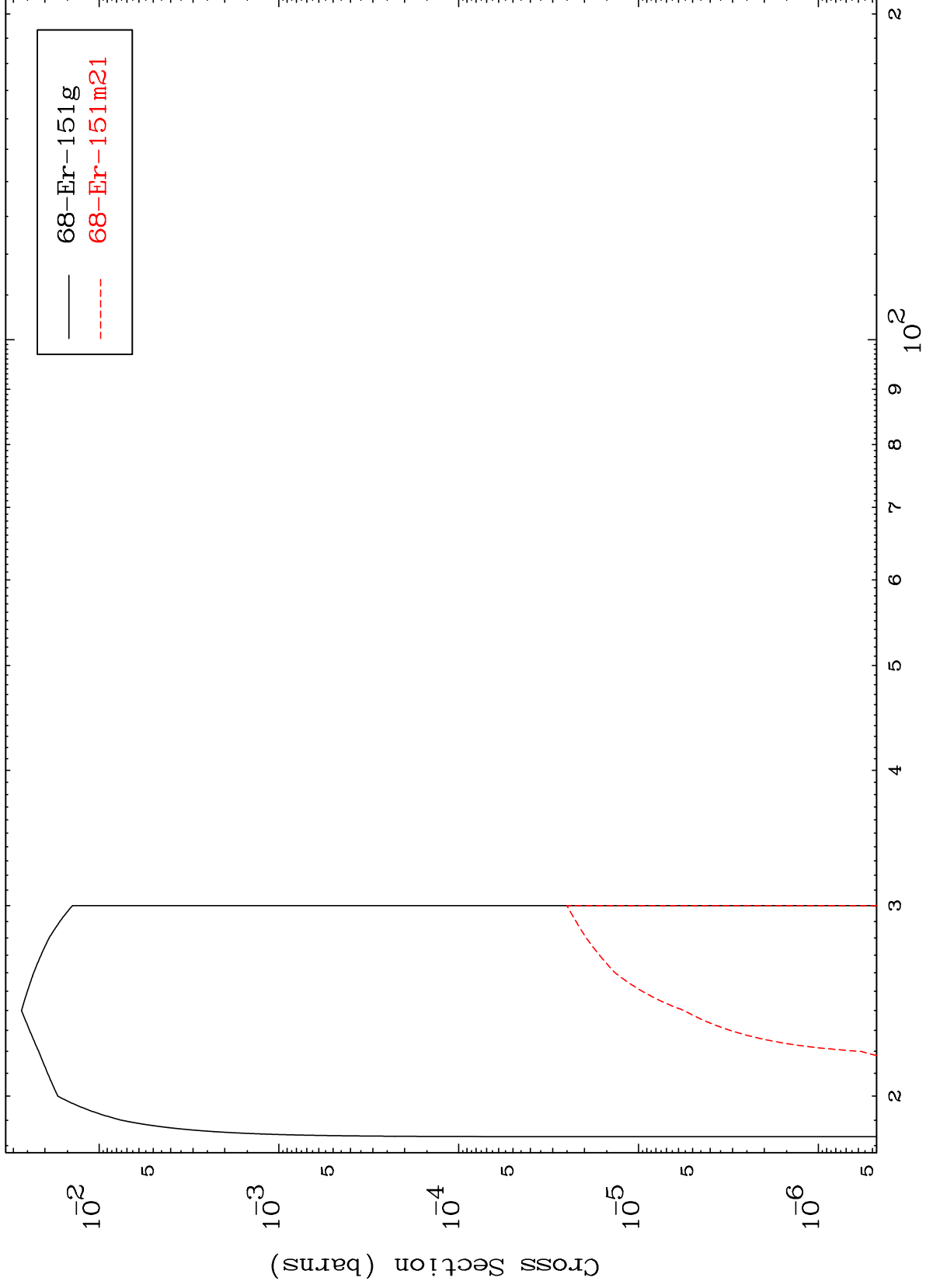
0 Kelvin Cross Sections



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(n,2n)  
Radionuclide Production Cross Section



13

Incident Energy (MeV)

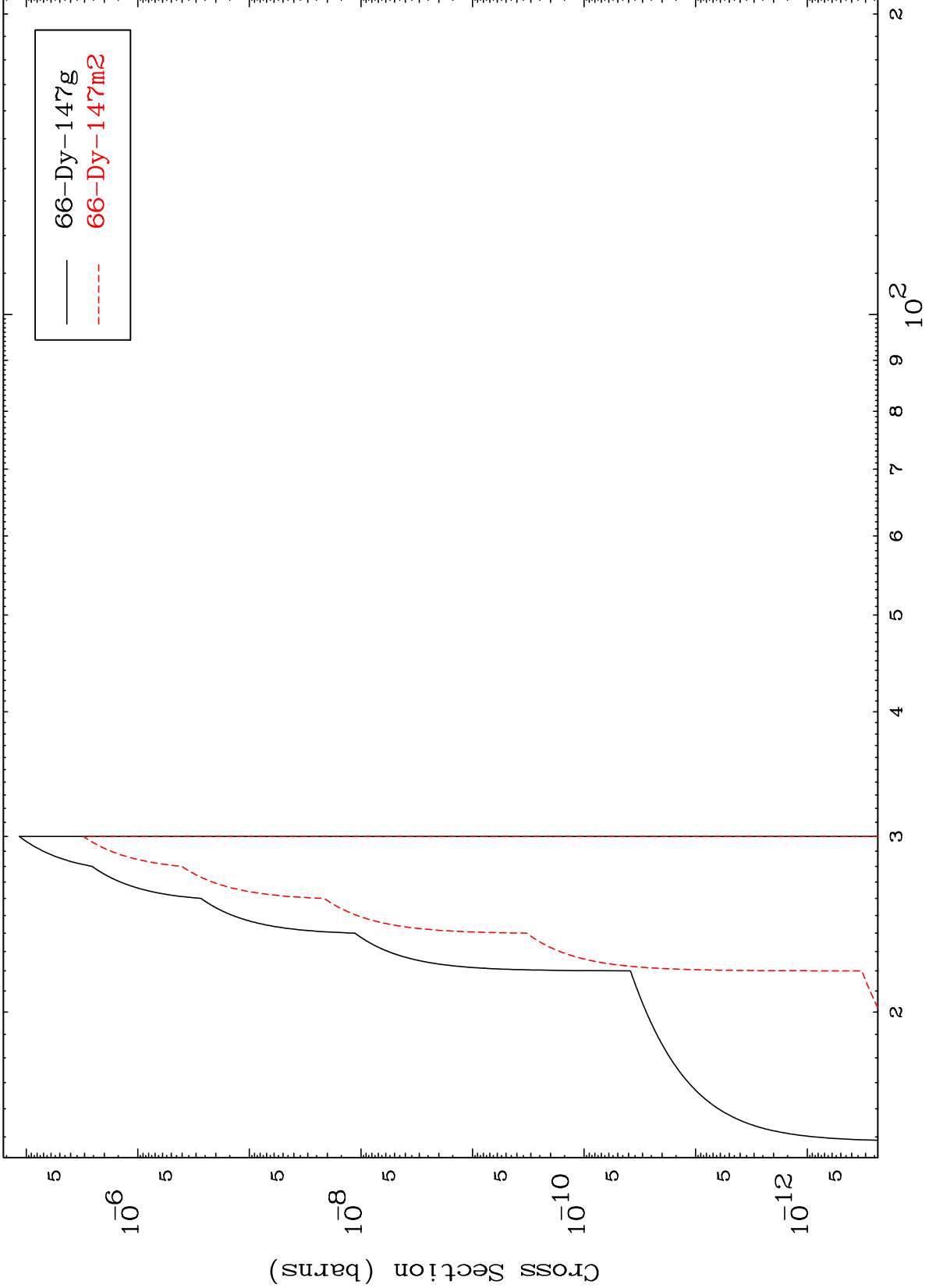
68-Er-153

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$(n,2n) \alpha$

68-Er-153

Radionuclide Production Cross Section



14

Incident Energy (MeV)

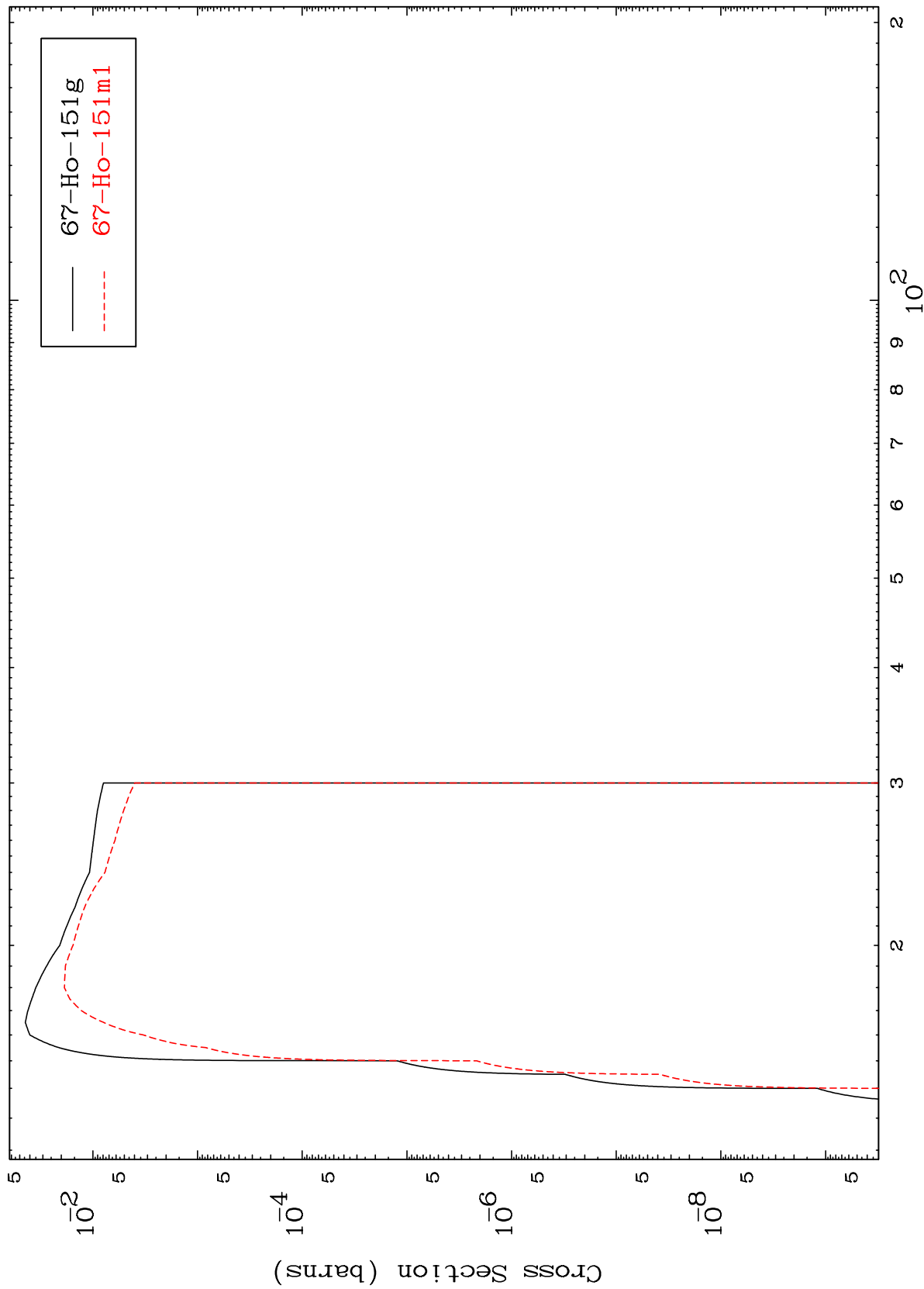
68-Er-153

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(n,n') p

68-Er-153

Radionuclide Production Cross Section

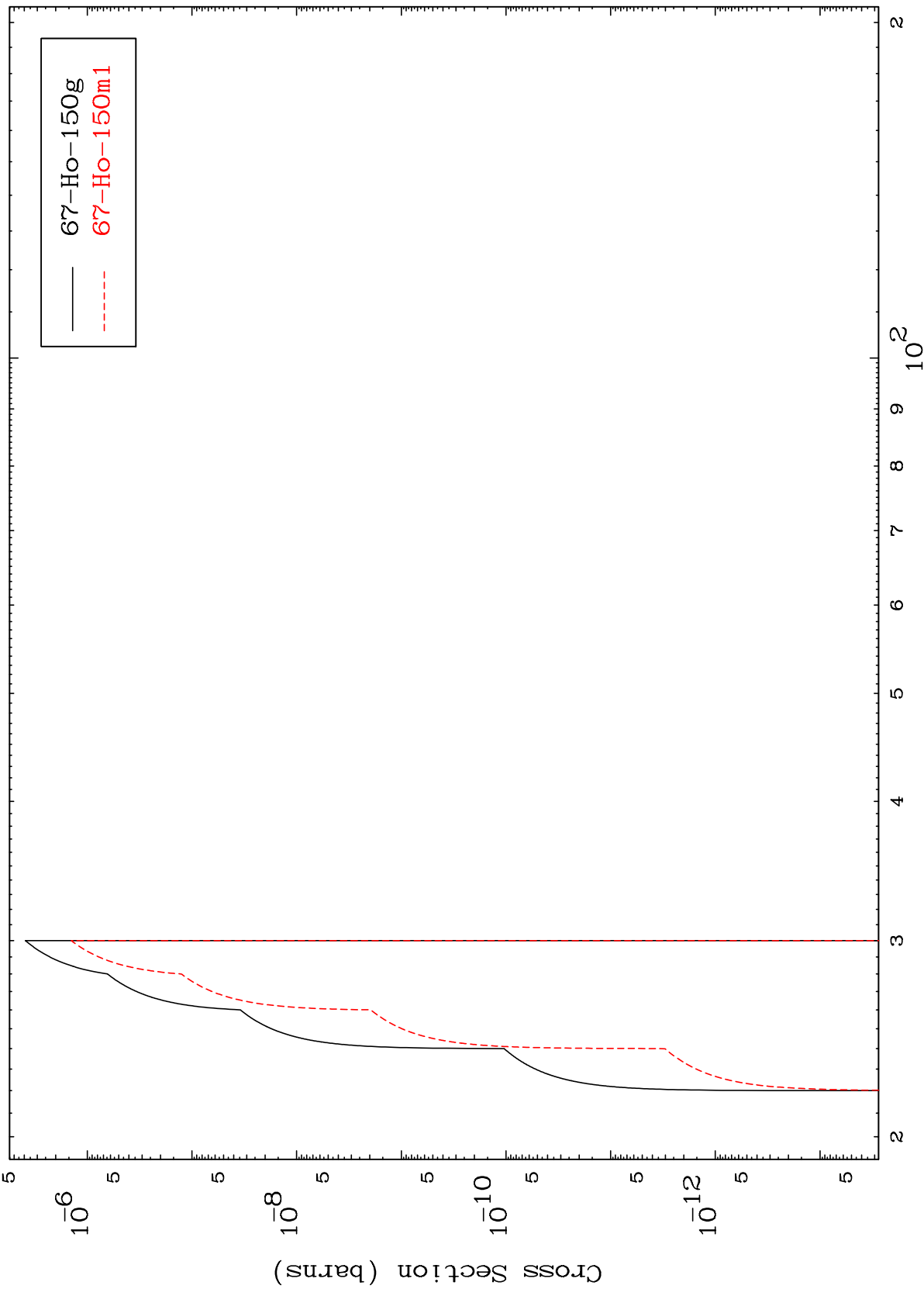


15

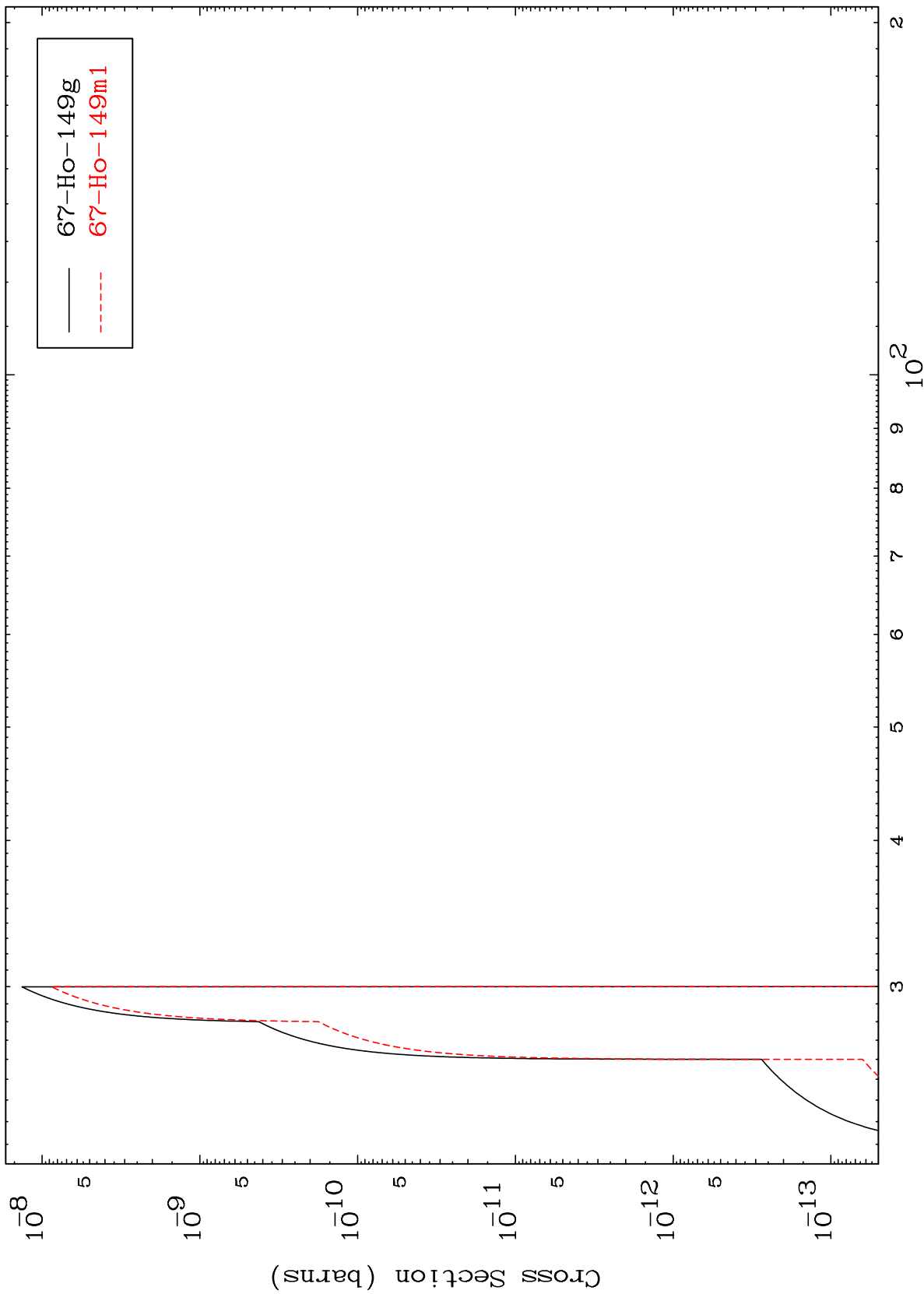
Incident Energy (MeV)

68-Er-153

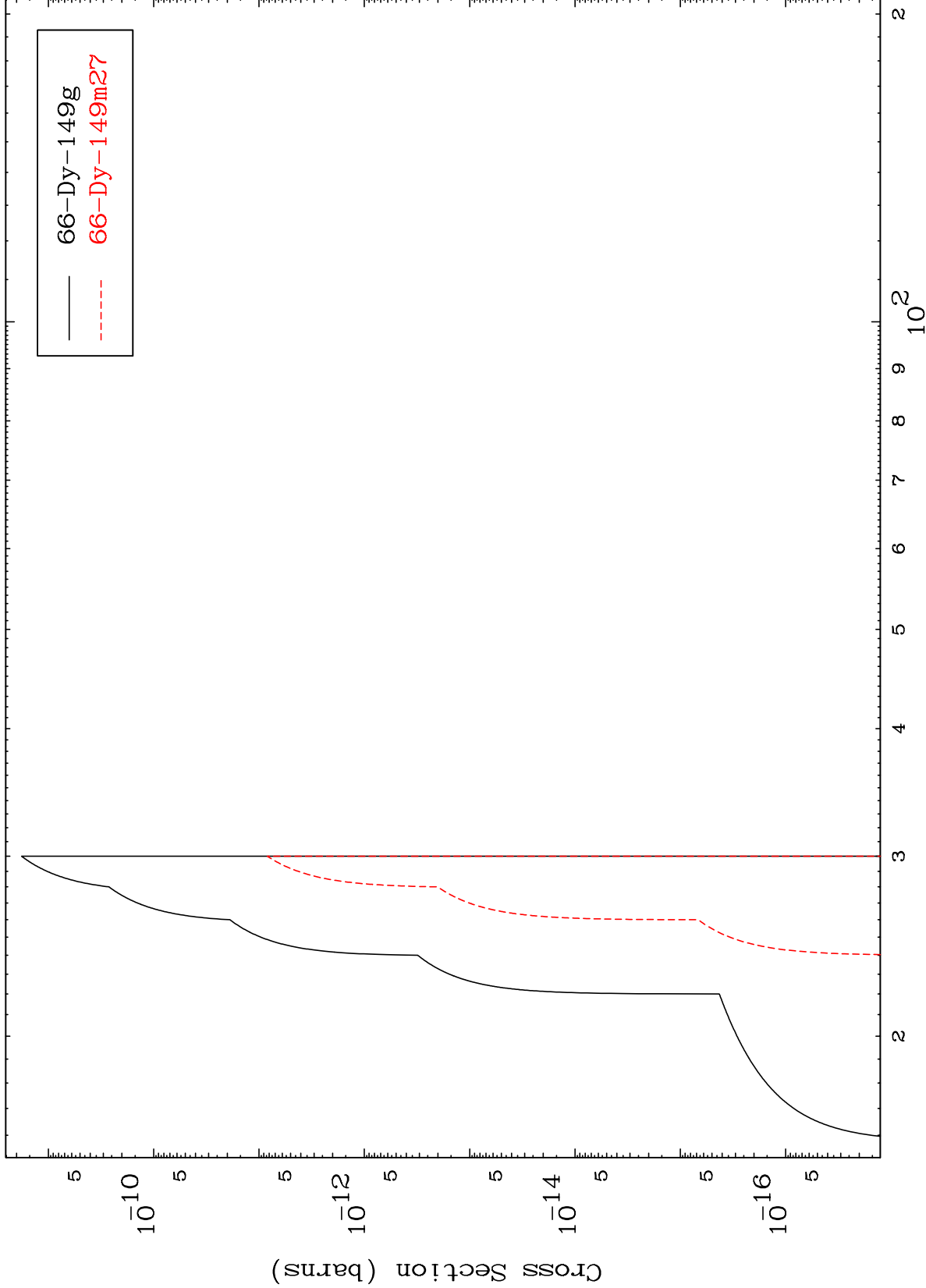
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

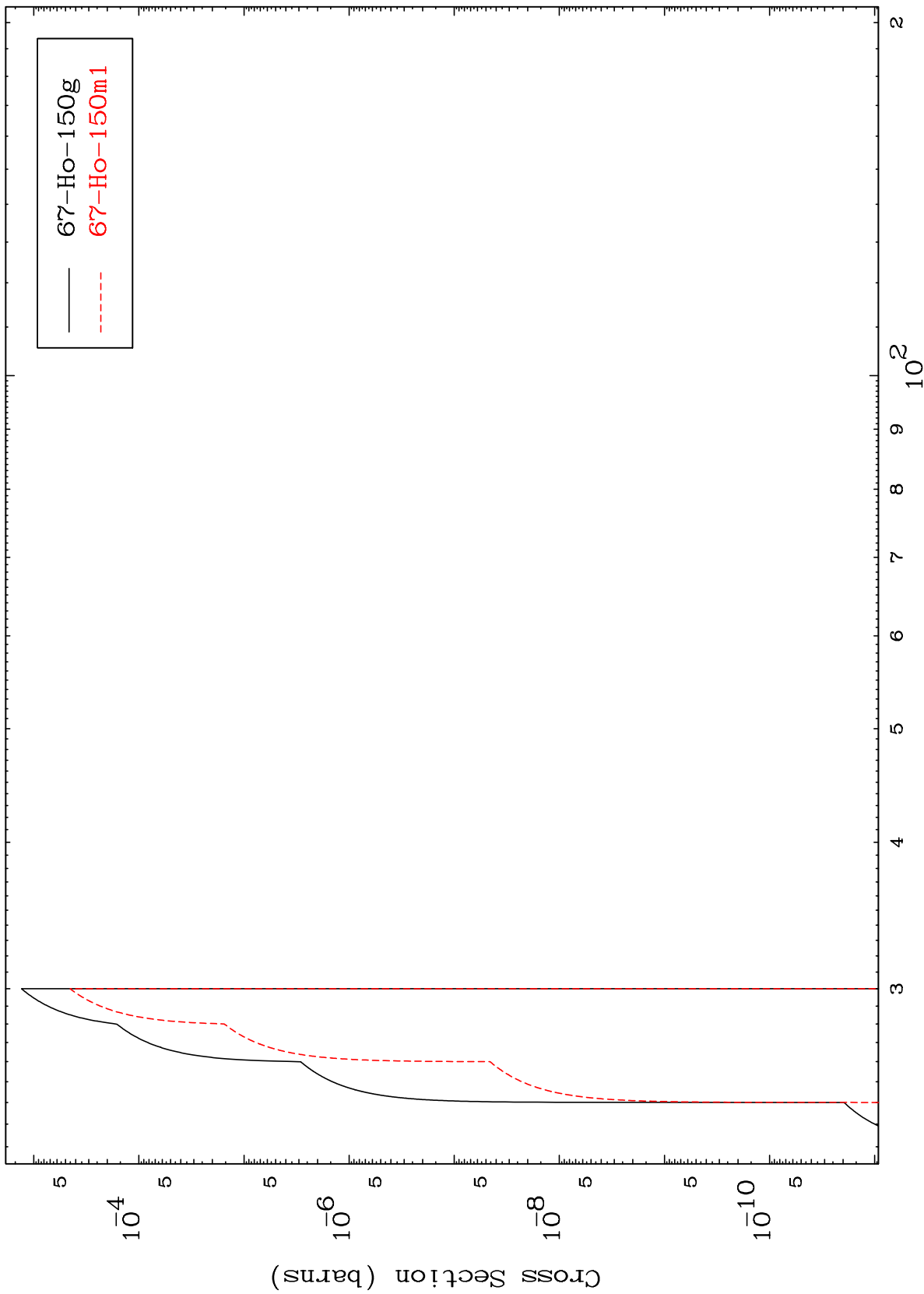


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(n,2n) p

68-Er-153

Radionuclide Production Cross Section



19

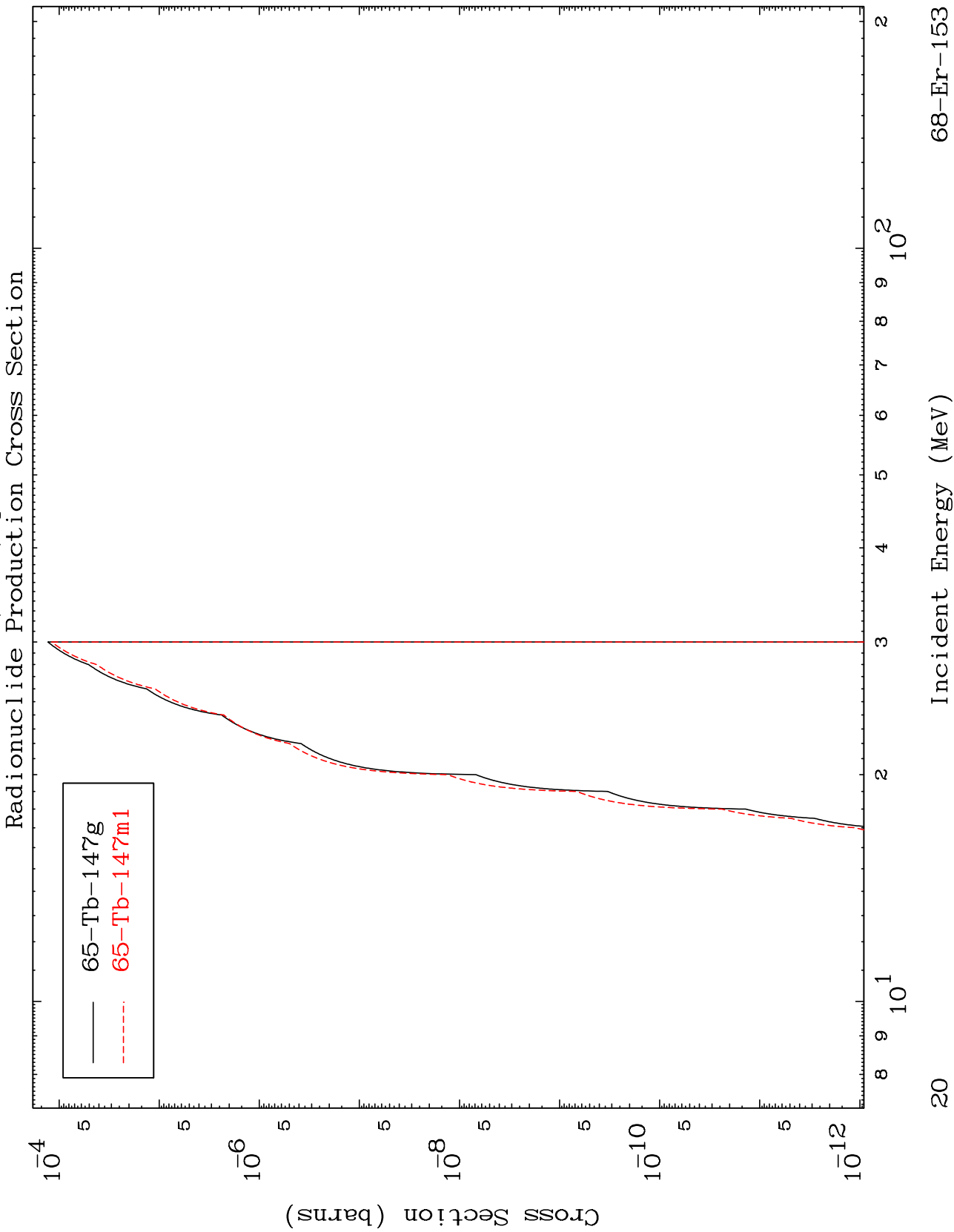
Incident Energy (MeV)

68-Er-153

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(n,n') p  $\alpha$

68-Er-153

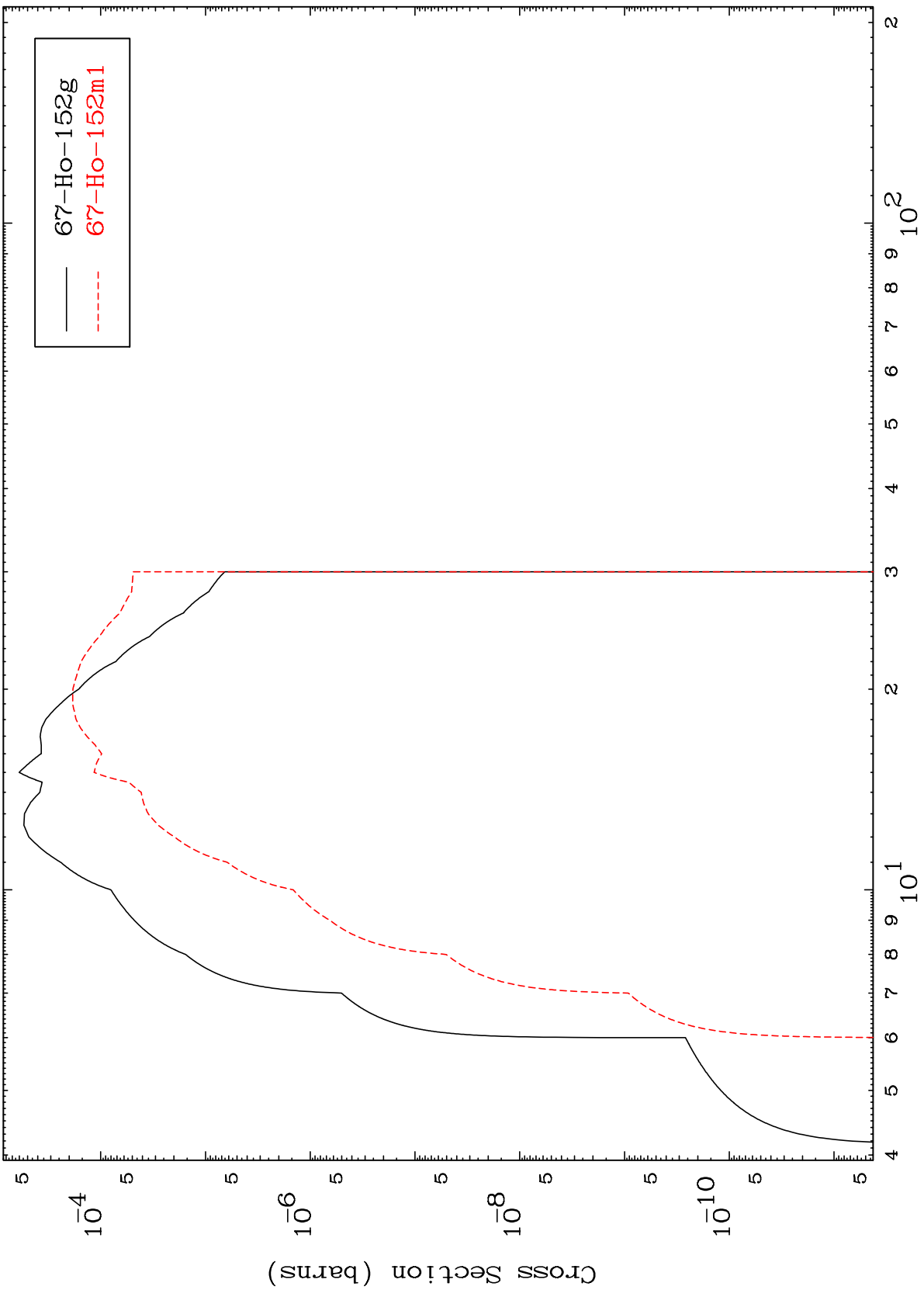


20

Incident Energy (MeV)

68-Er-153

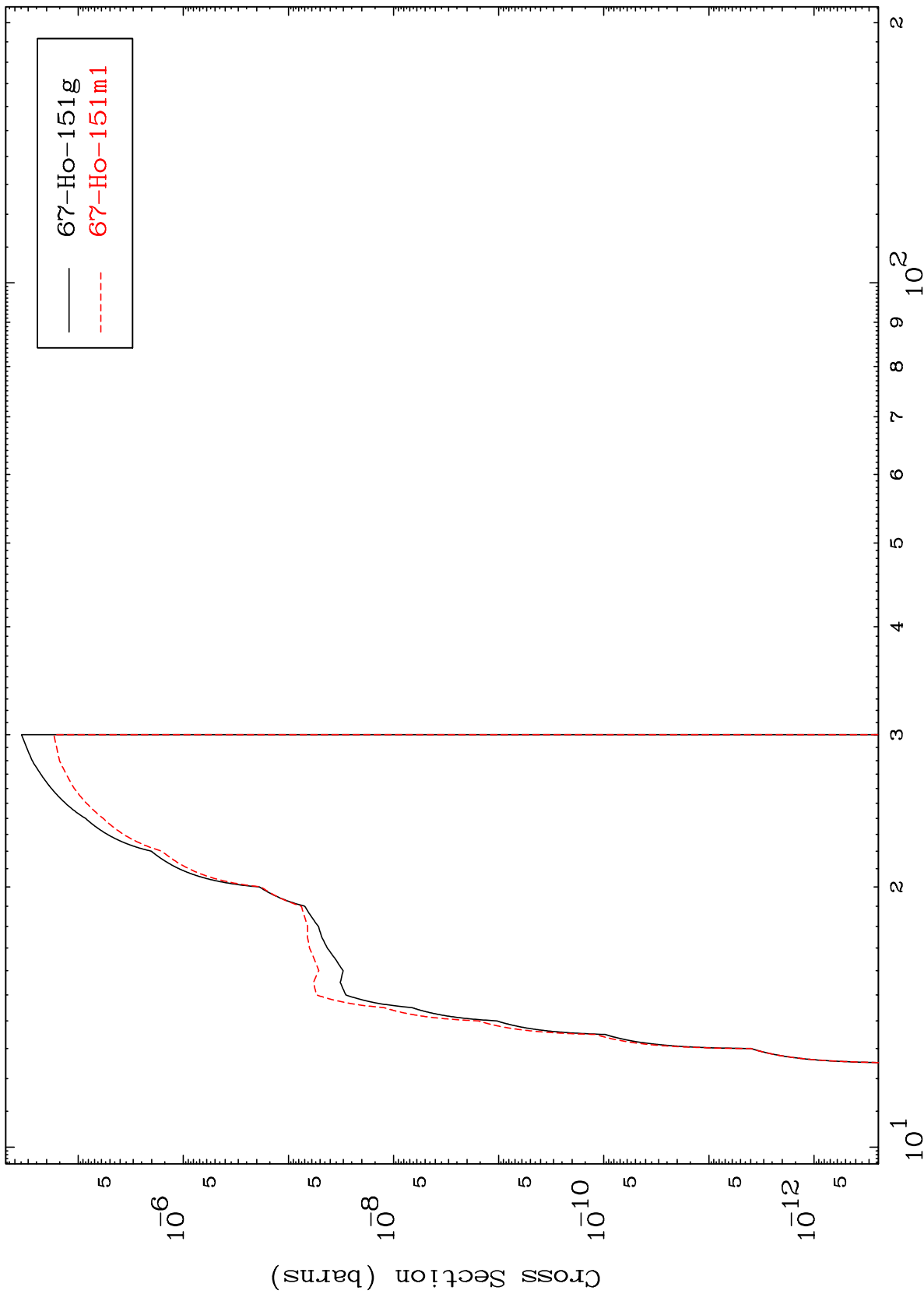
(n,p)  
Radionuclide Production Cross Section



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68-Er-153

(n,d)  
Radionuclide Production Cross Section

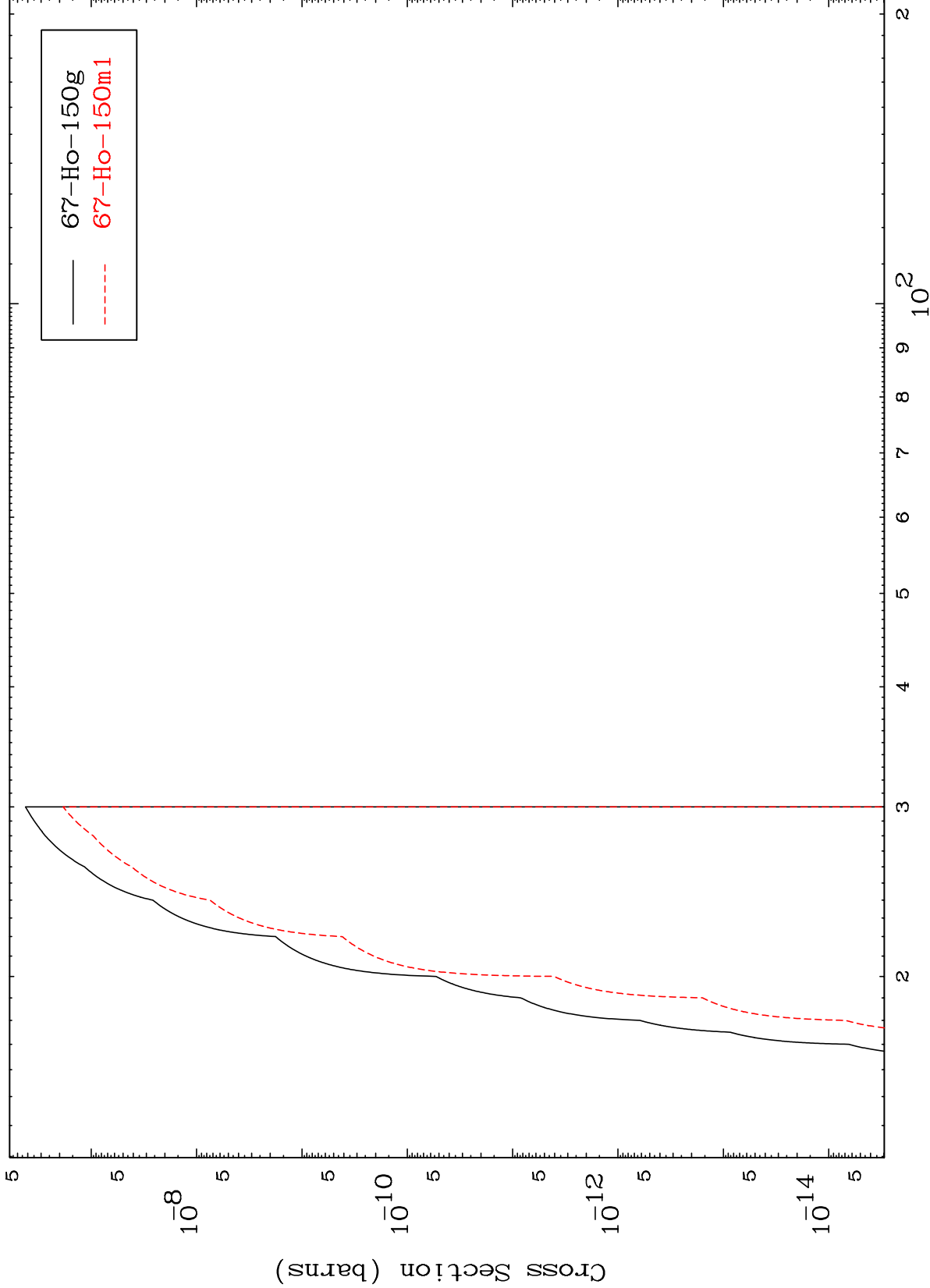


68-Er-153

Incident Energy (MeV)

22

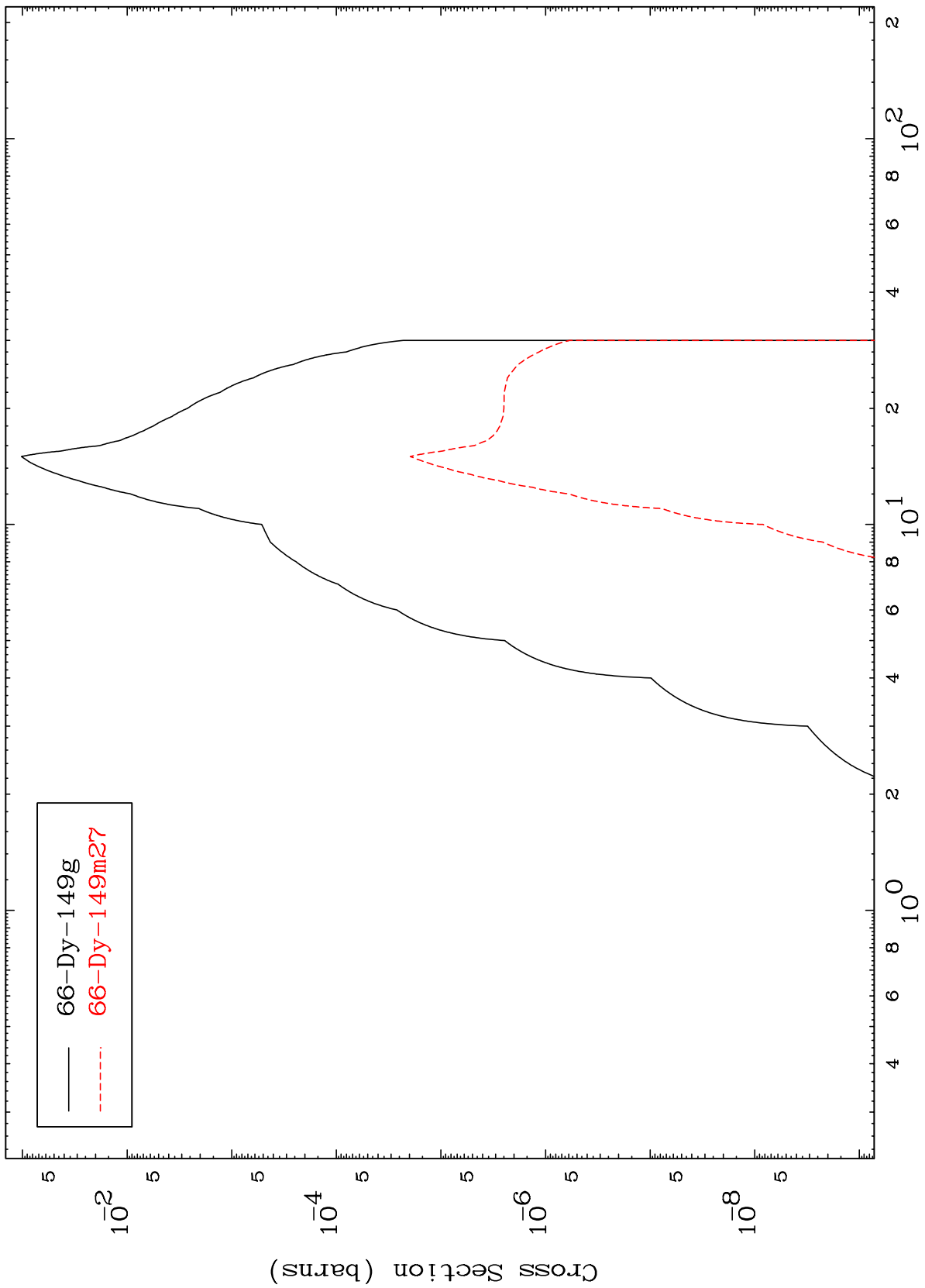
(n,t)  
Radionuclide Production Cross Section



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68-Er-153

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



— 66-Dy-149g  
- - - 66-Dy-149m27

24

Incident Energy (MeV)

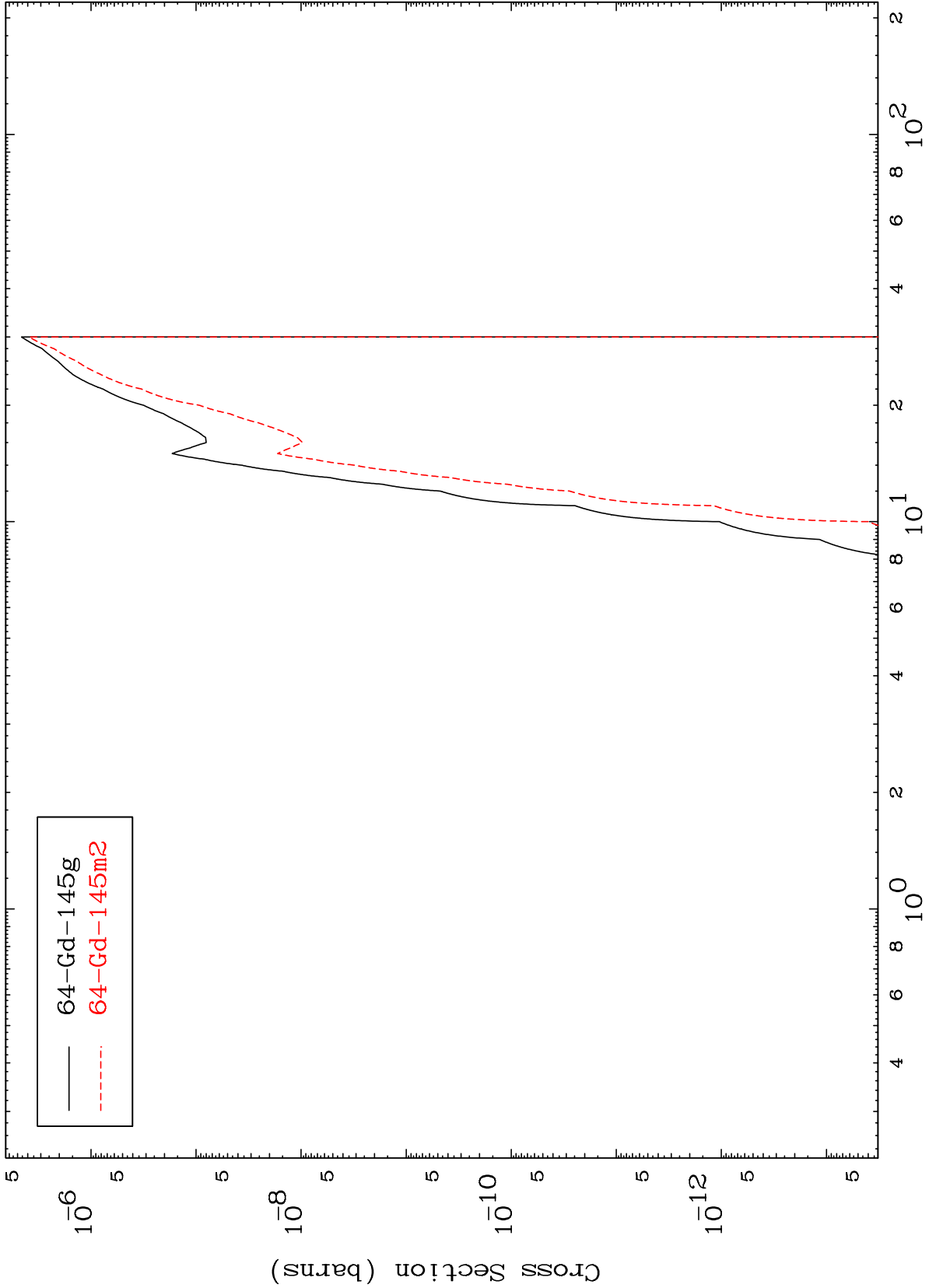
68-Er-153

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(n,2α)

68-Er-153

Radionuclide Production Cross Section

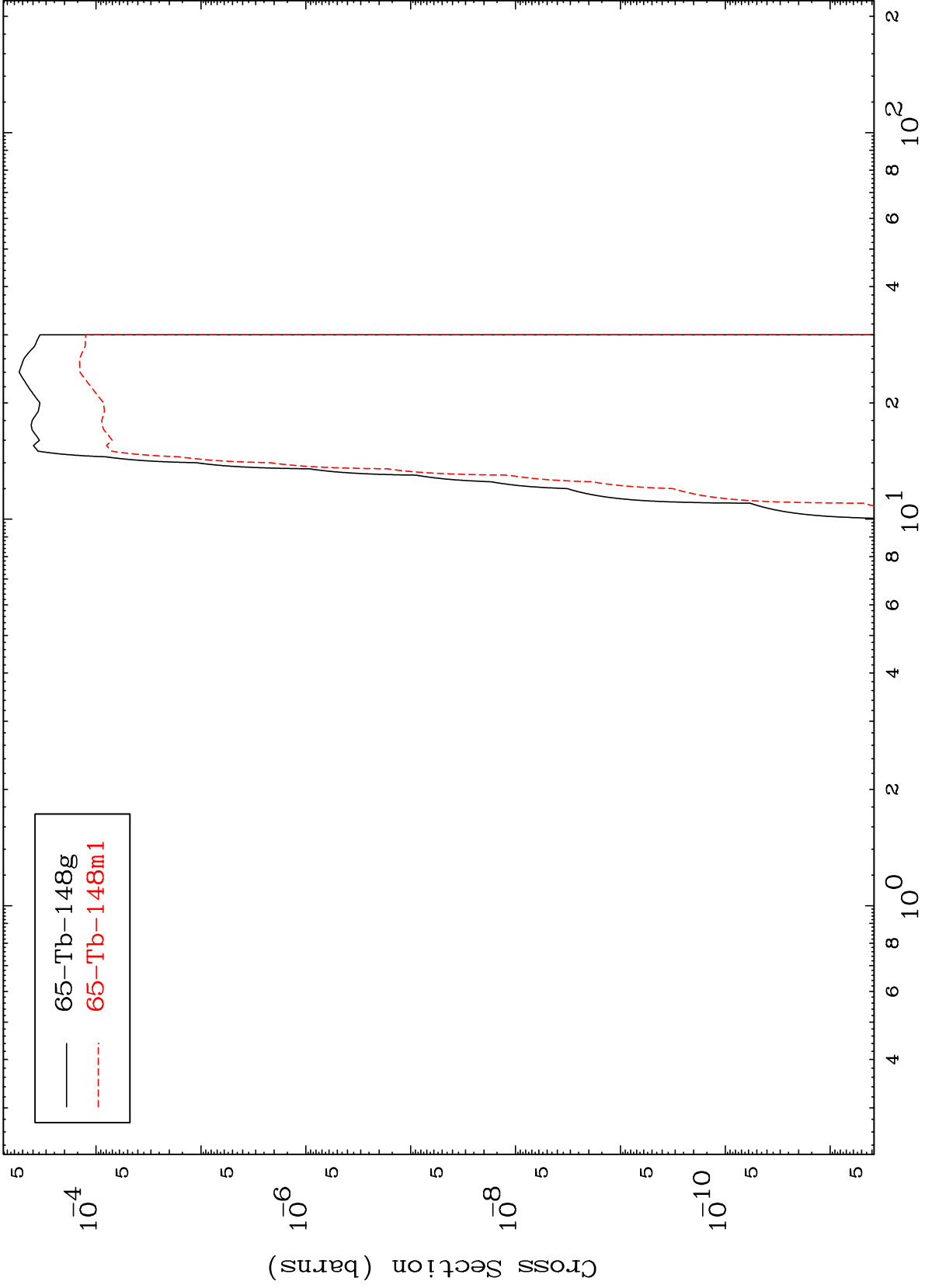


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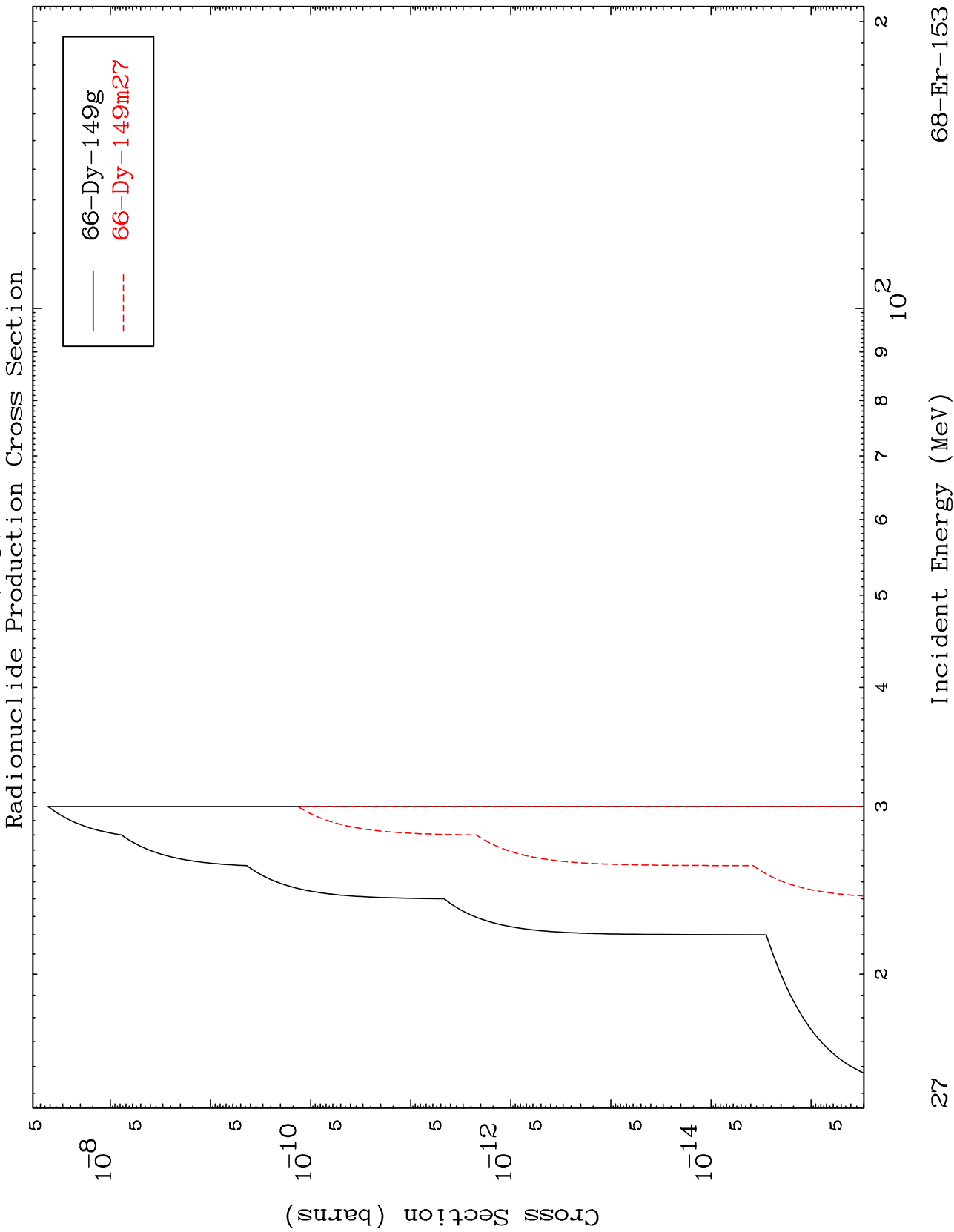
(n,p)  $\alpha$

68-Er-153

Radionuclide Production Cross Section



65-Tb-148g  
65-Tb-148m1

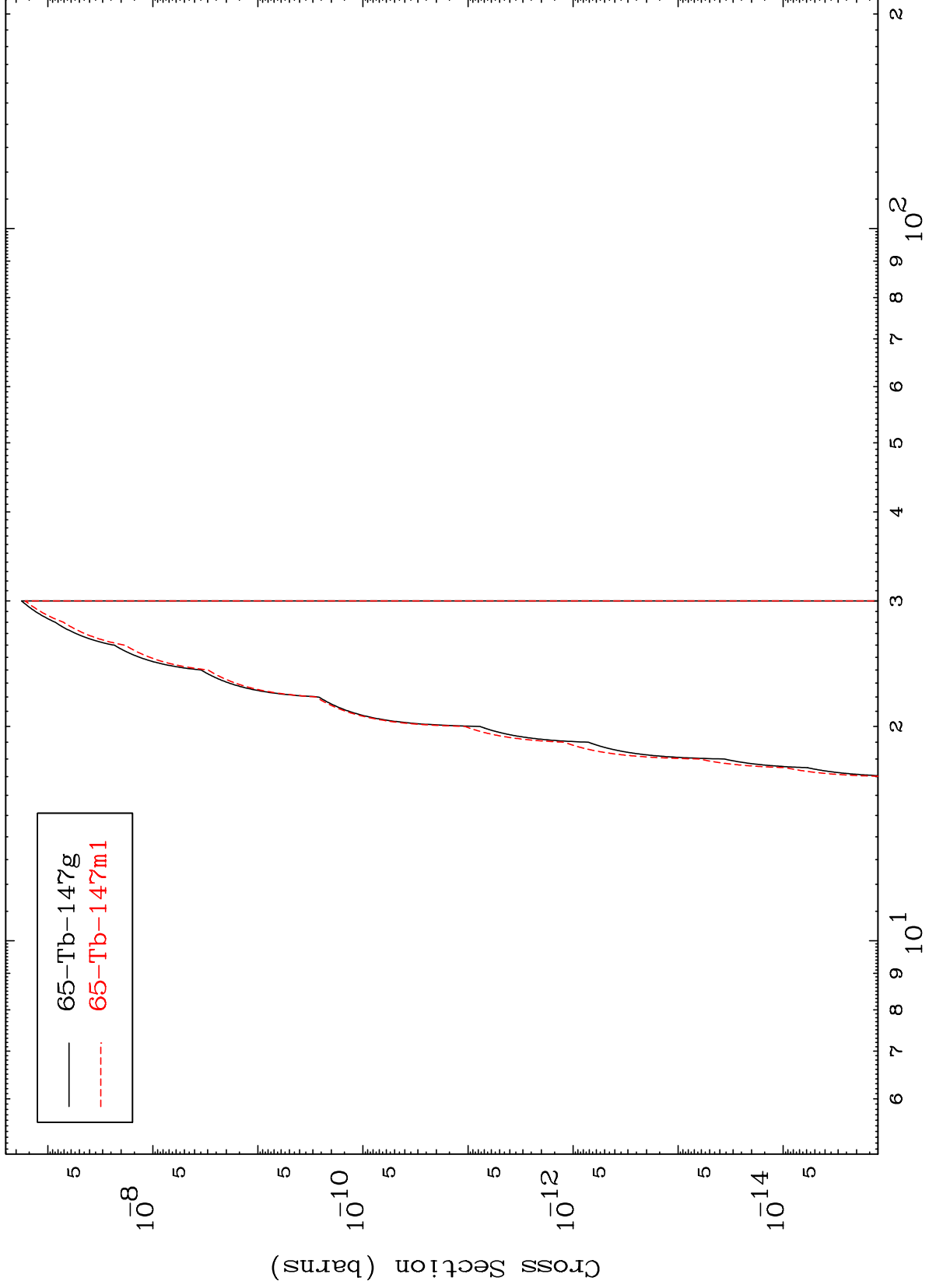


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(n,d)  $\alpha$

68-Er-153

Radionuclide Production Cross Section



28

Incident Energy (MeV)

68-Er-153