

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

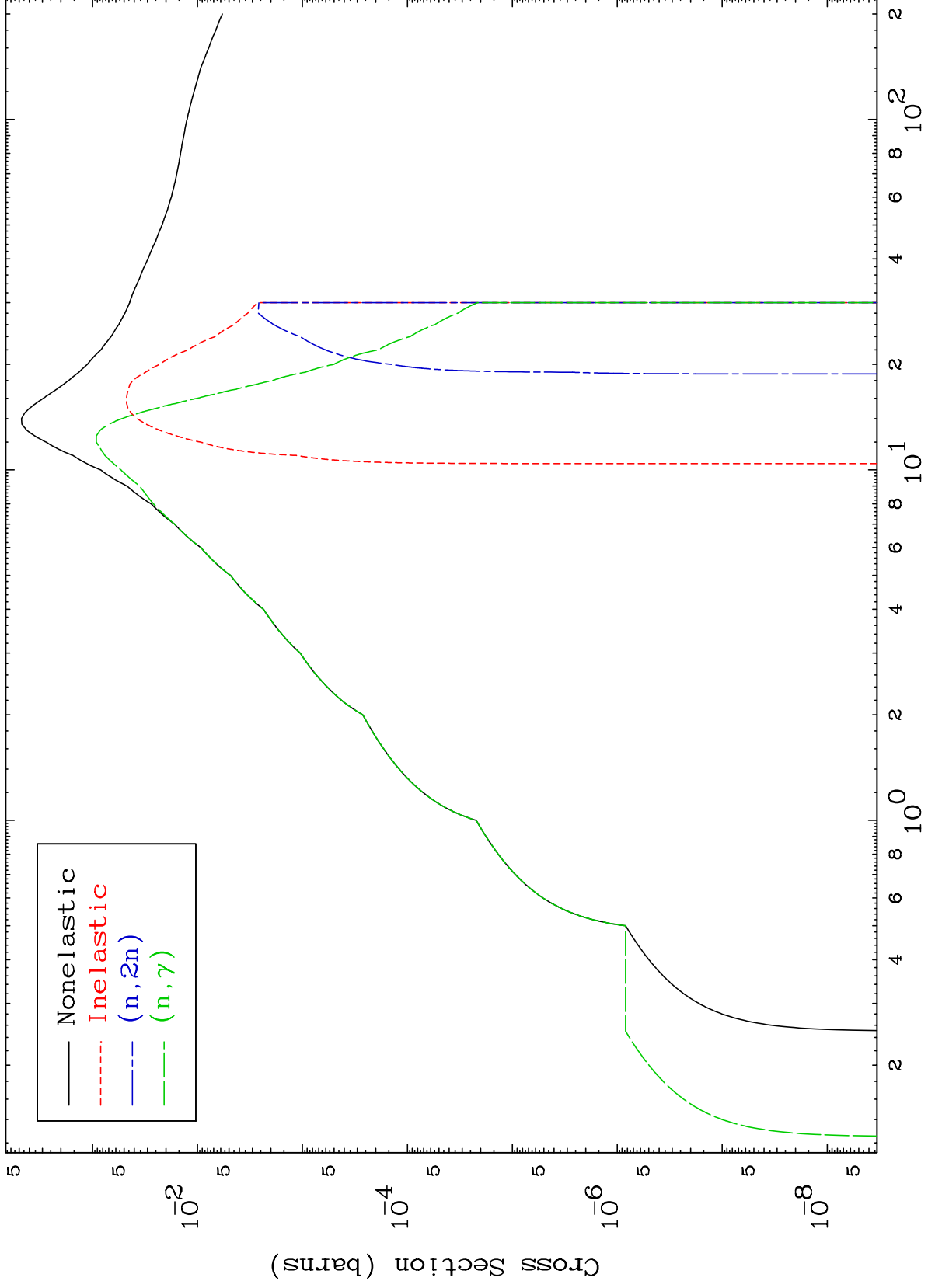
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

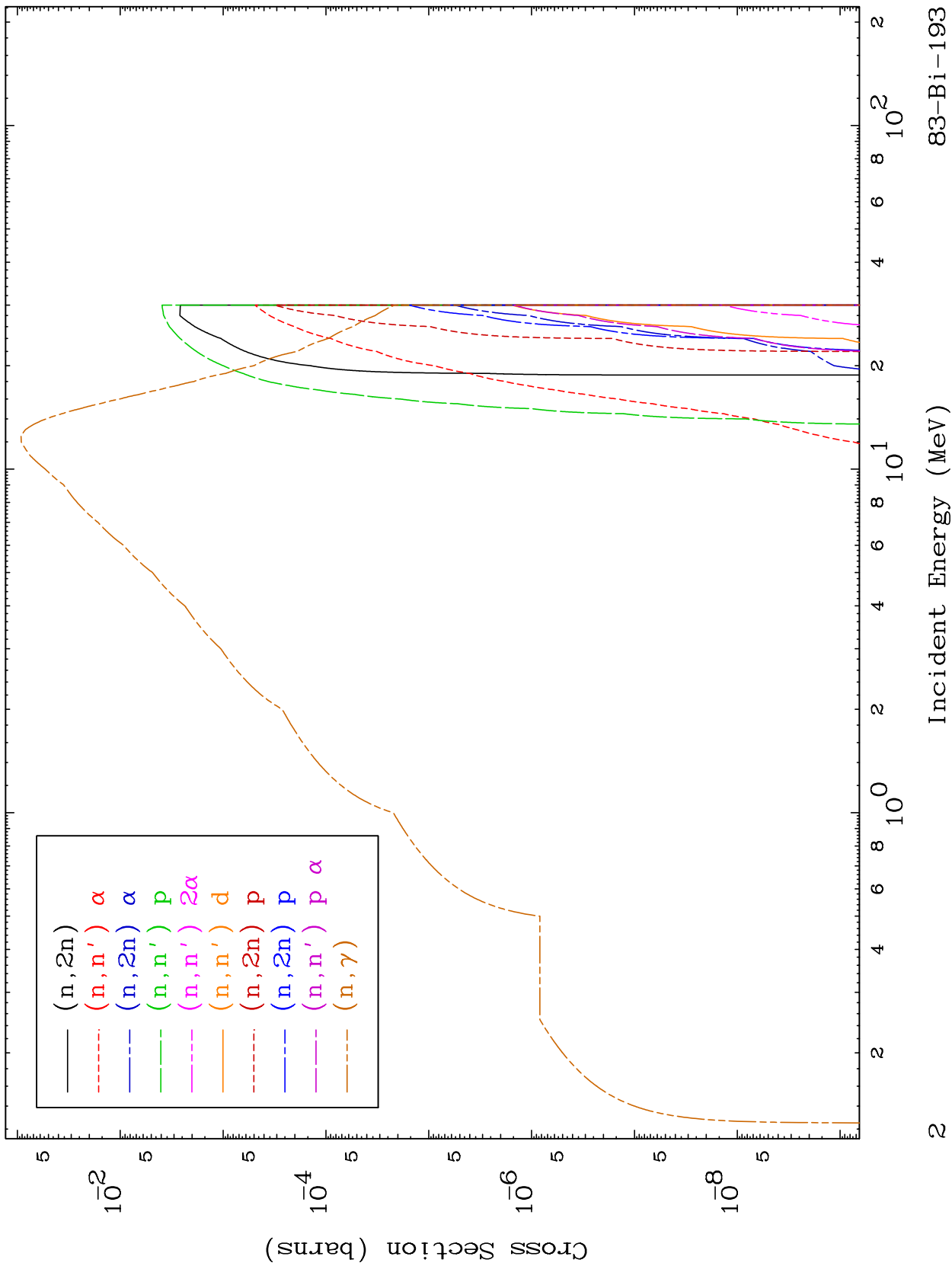
Tele: 925-443-1911

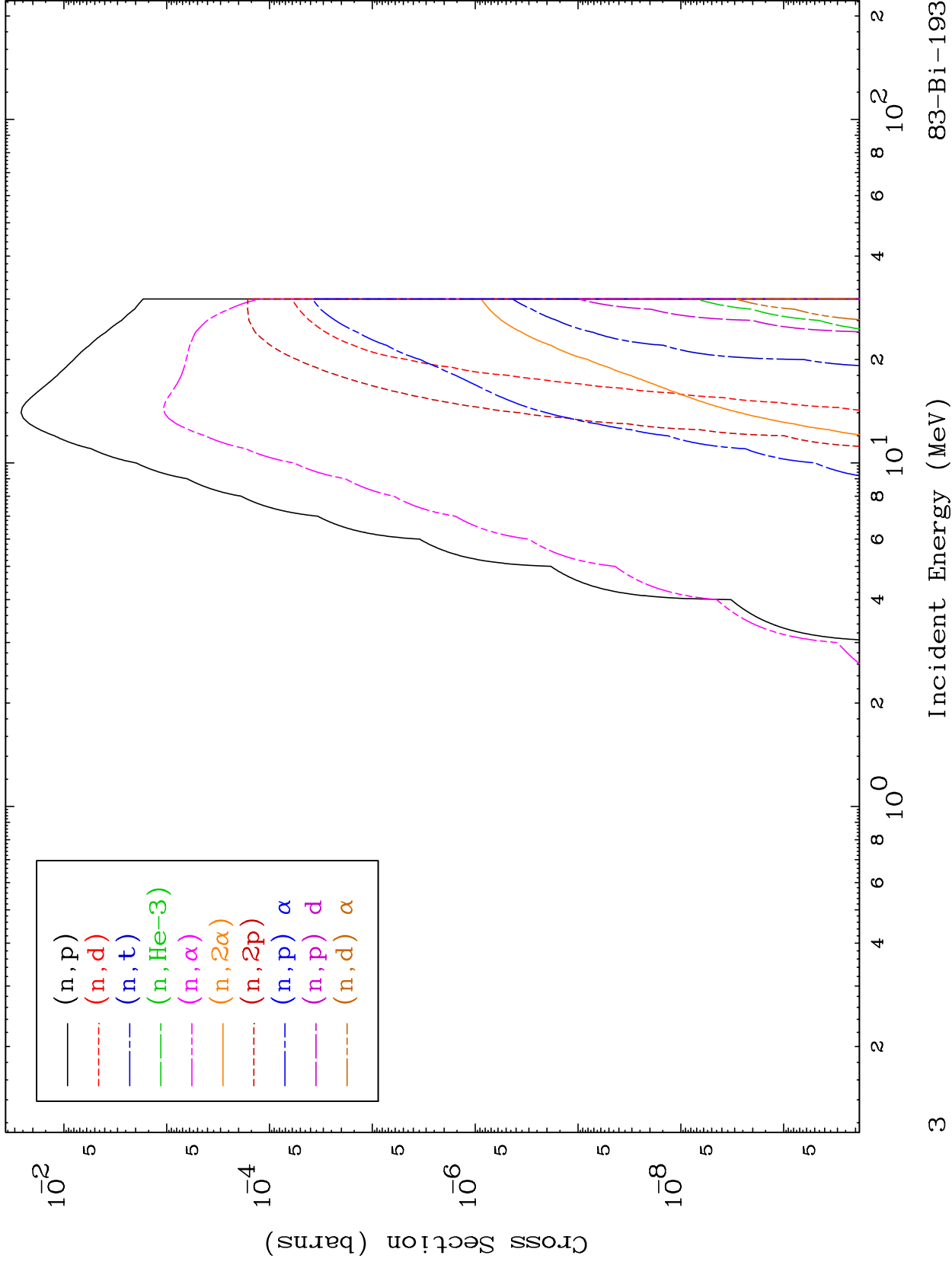
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

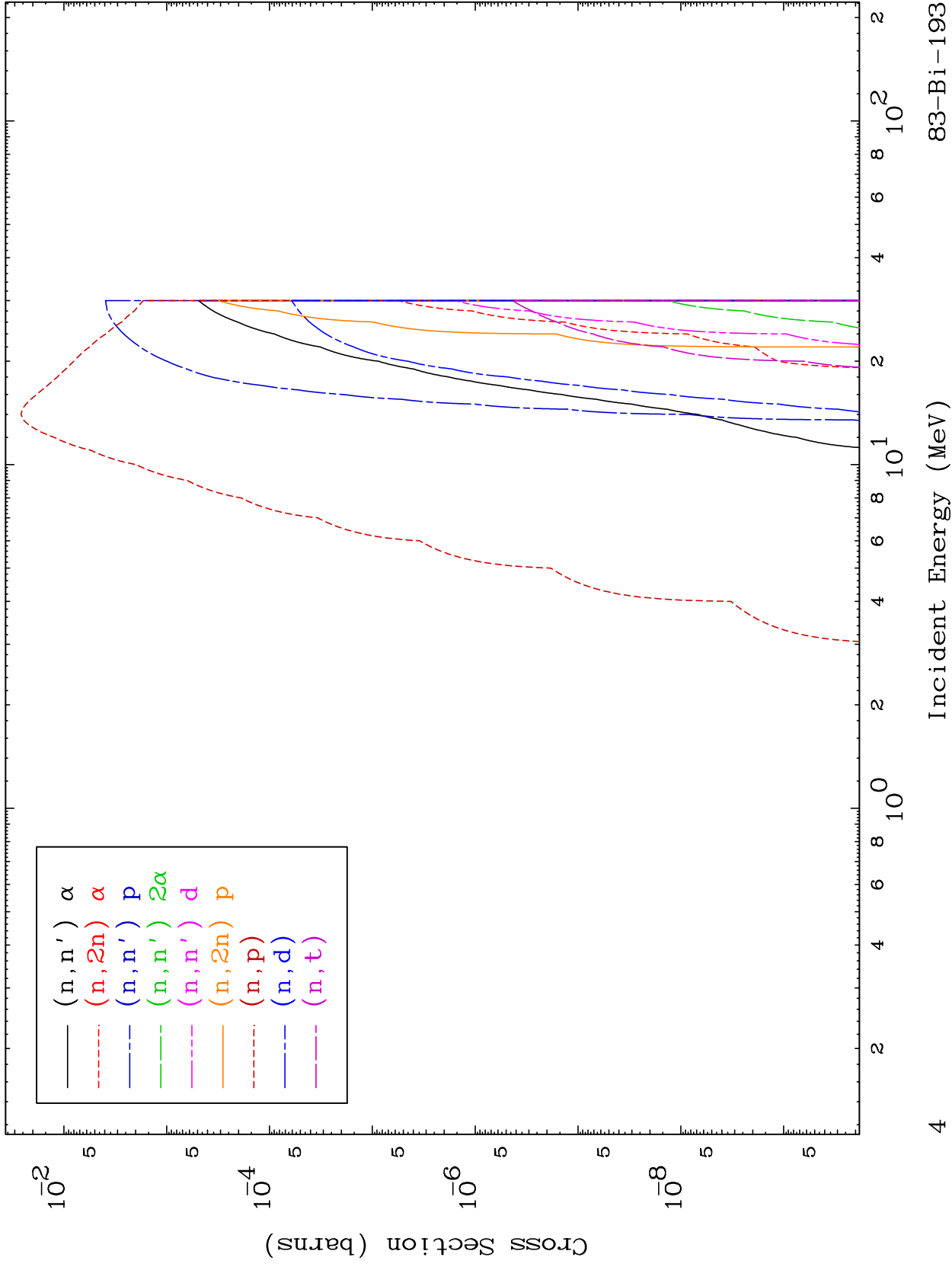
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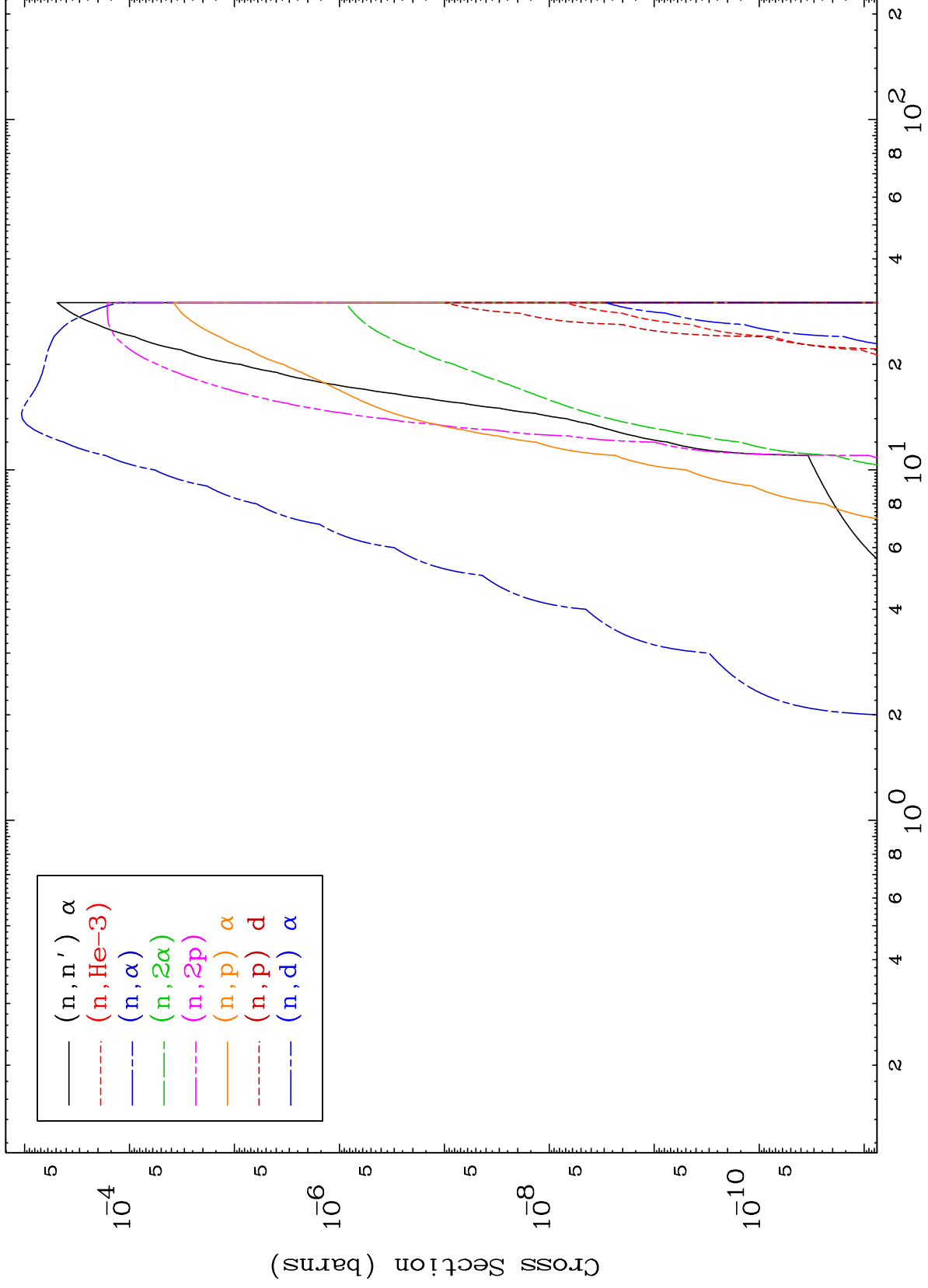
Press Mouse Button to Start







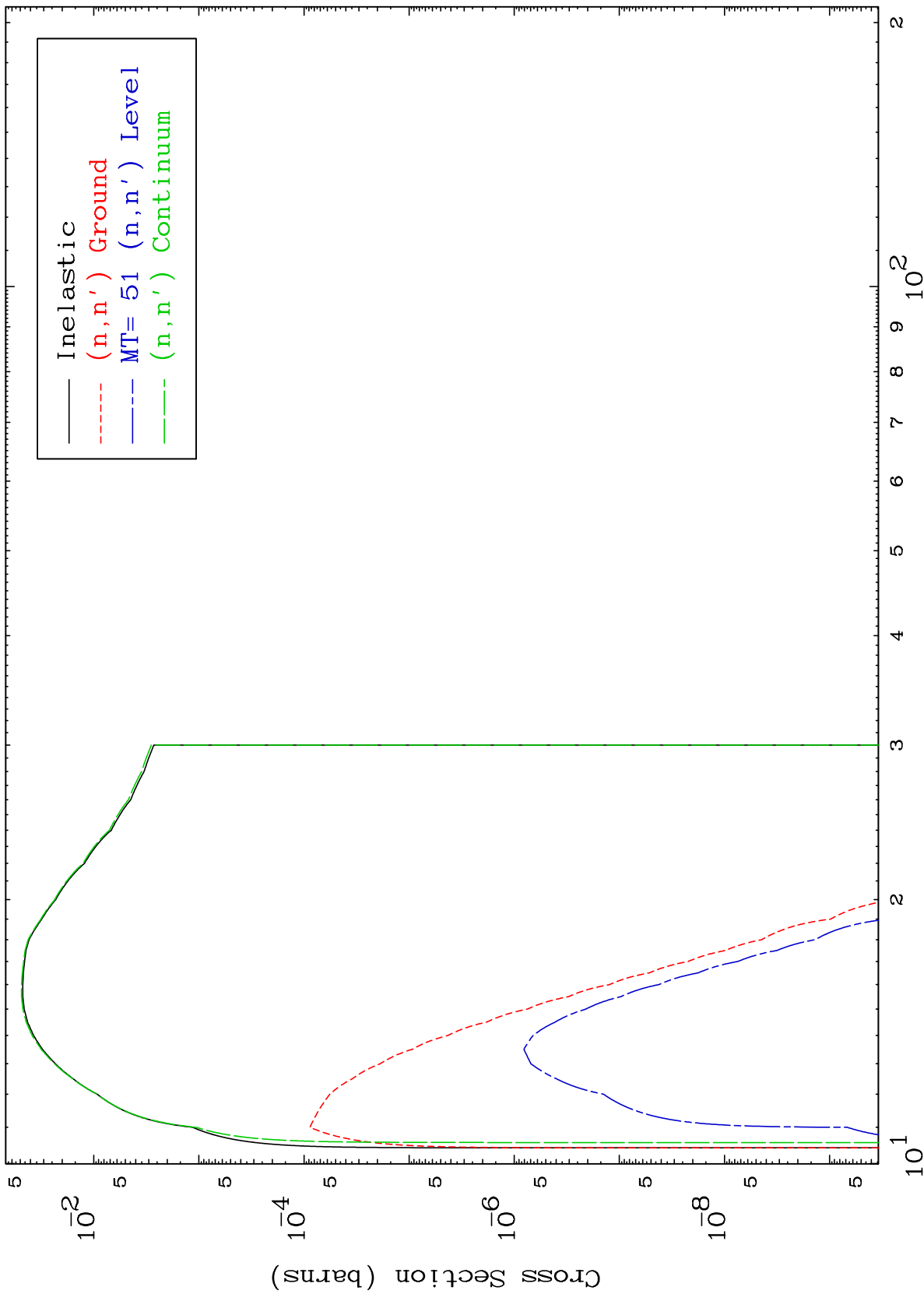




MAT 8277

83-Bi-193

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



83-Bi-193

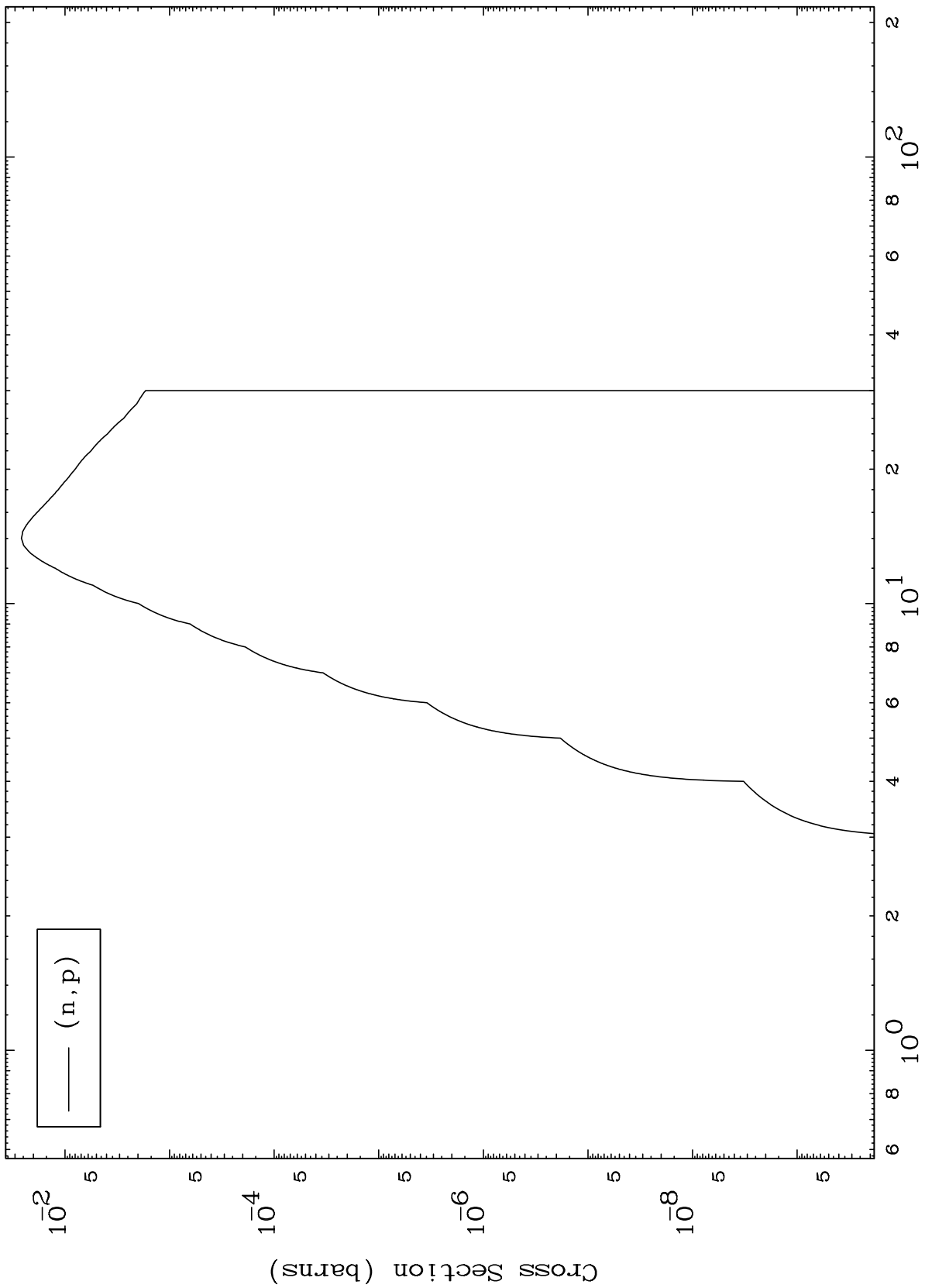
Incident Energy (MeV)

6

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83-Bi-193

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



7

Incident Energy (MeV)

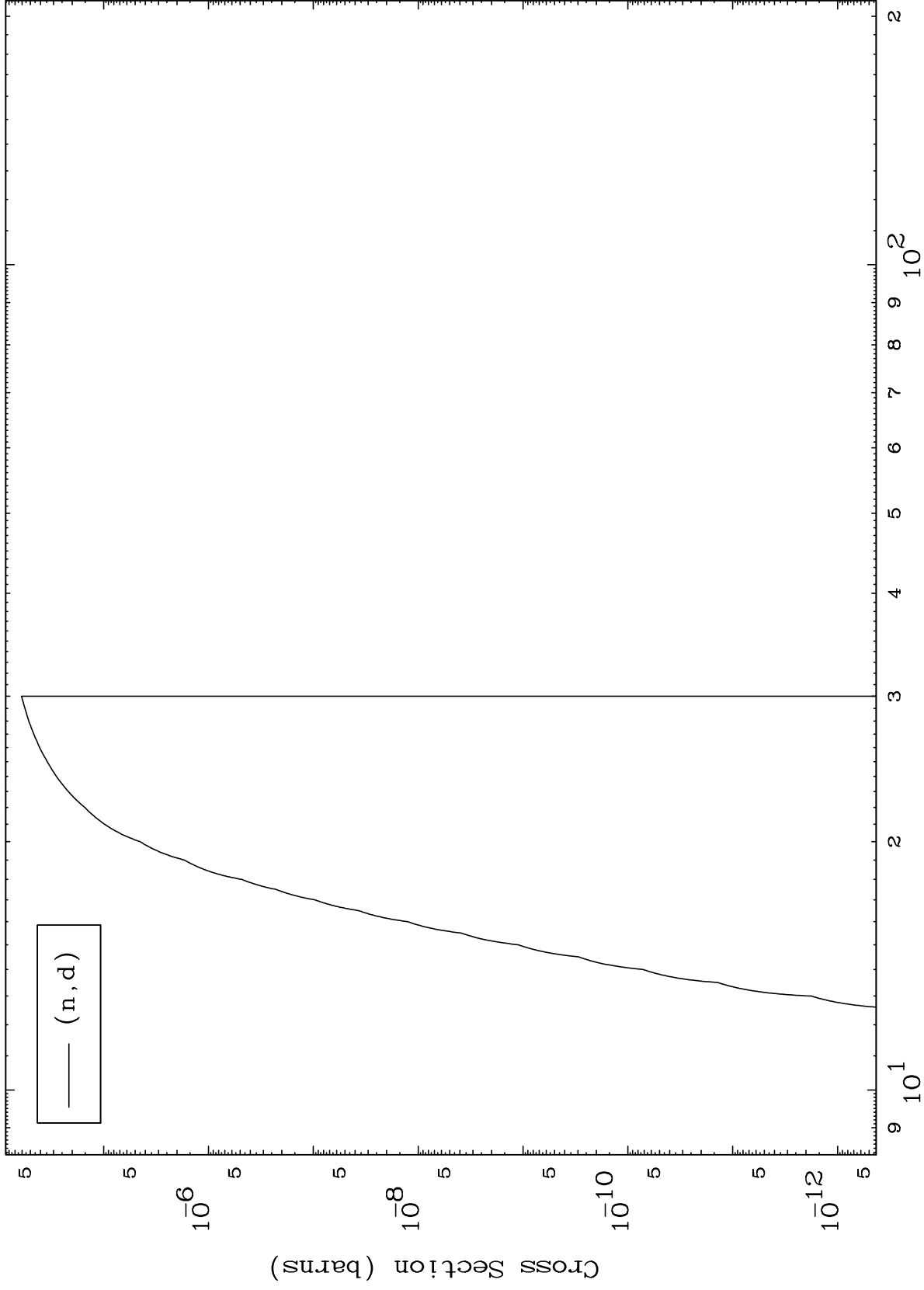
83-Bi-193



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

83-Bi-193



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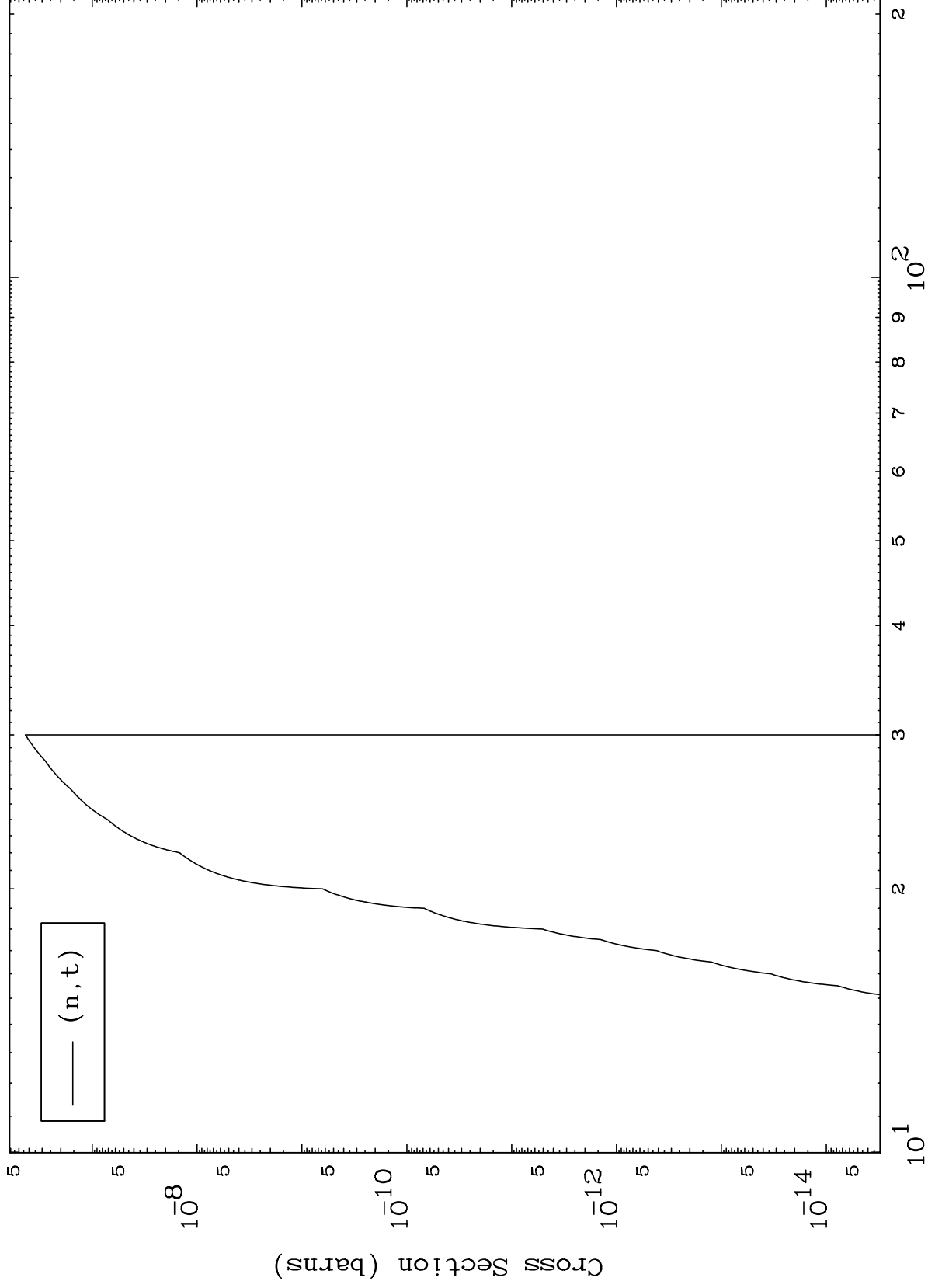
Incident Energy (MeV)

83-Bi-193

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

83-Bi-193



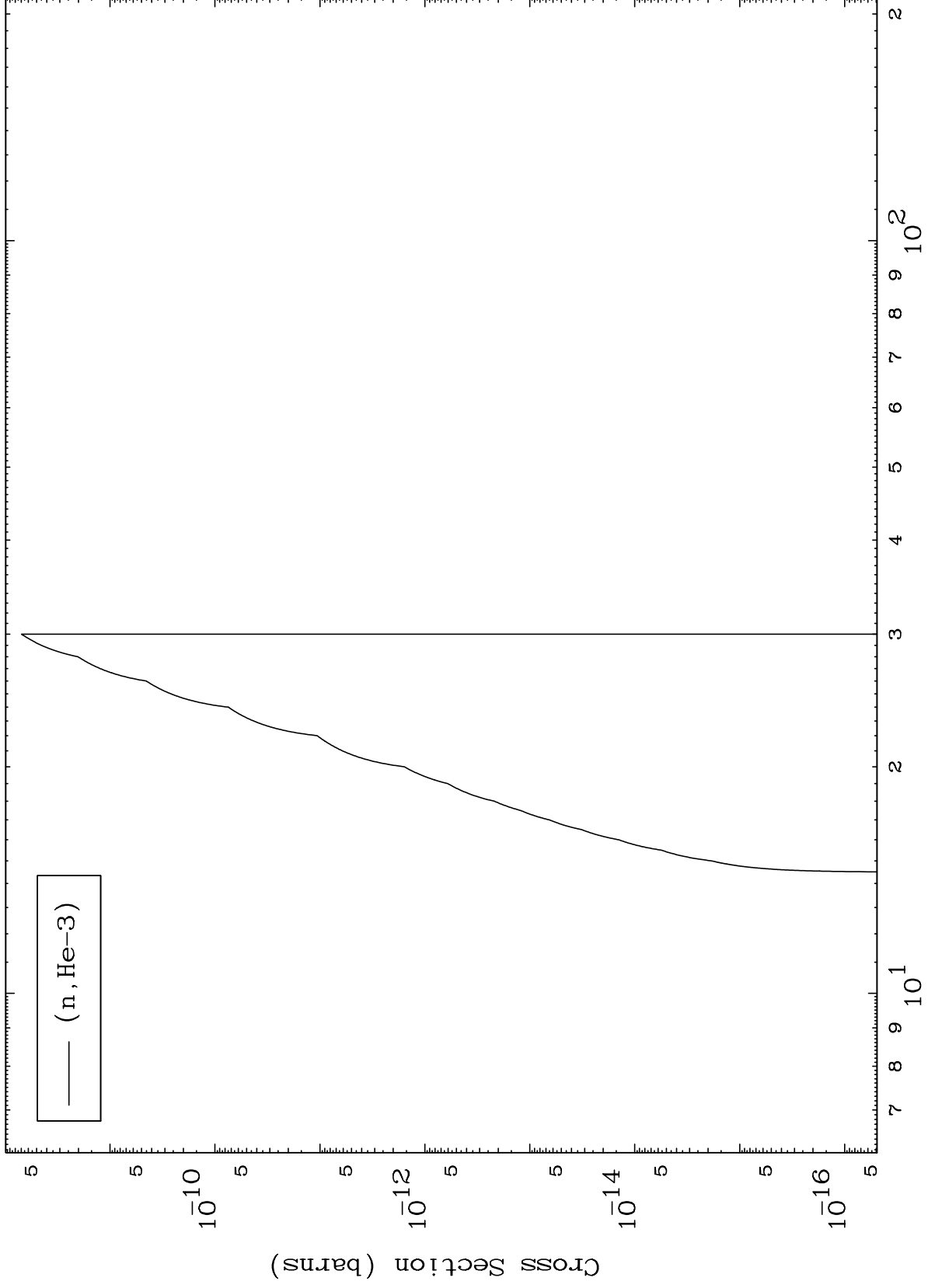
Incident Energy (MeV)

83-Bi-193

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

83-Bi-193



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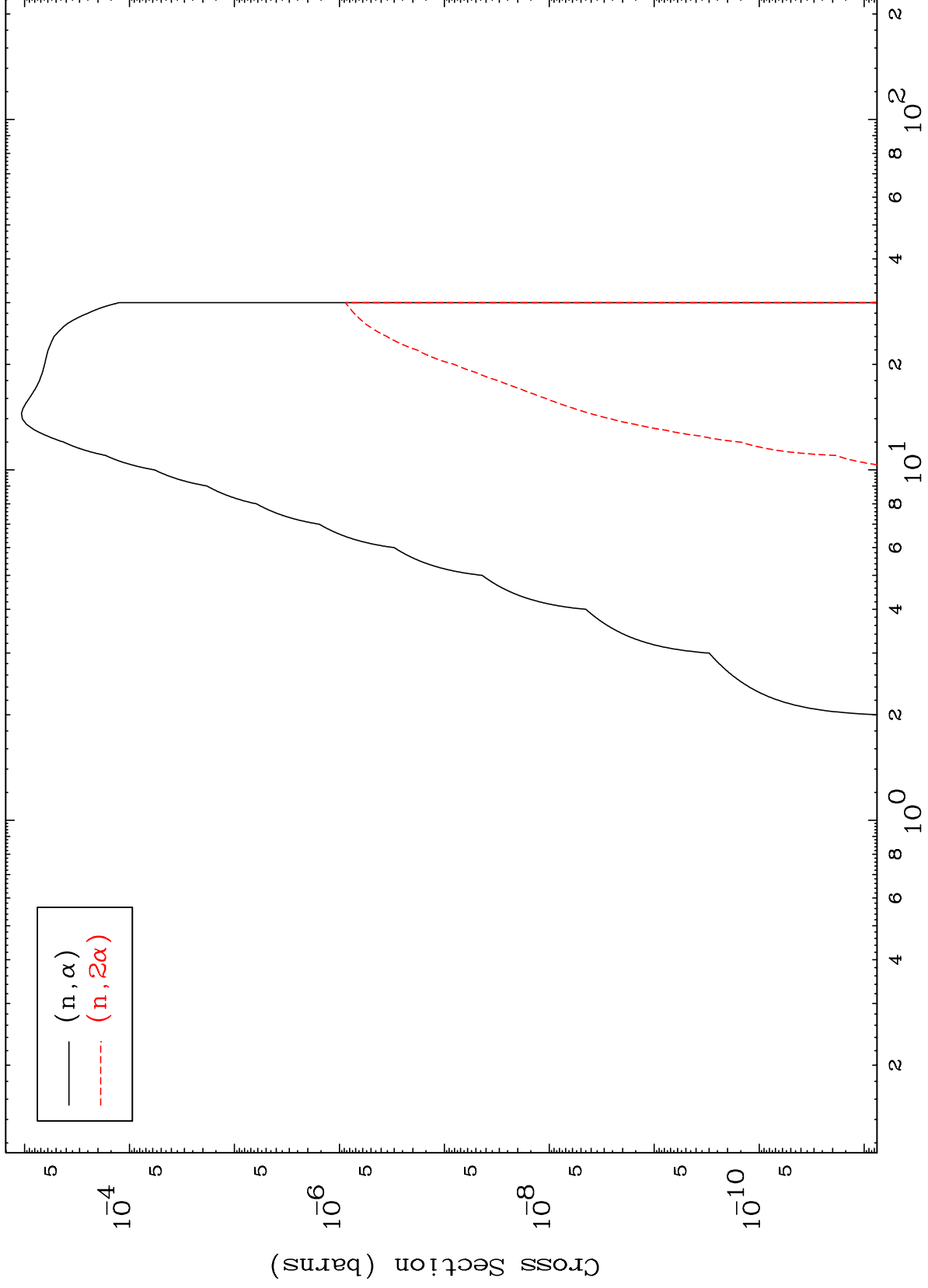
Incident Energy (MeV)

83-Bi-193

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

83-Bi-193



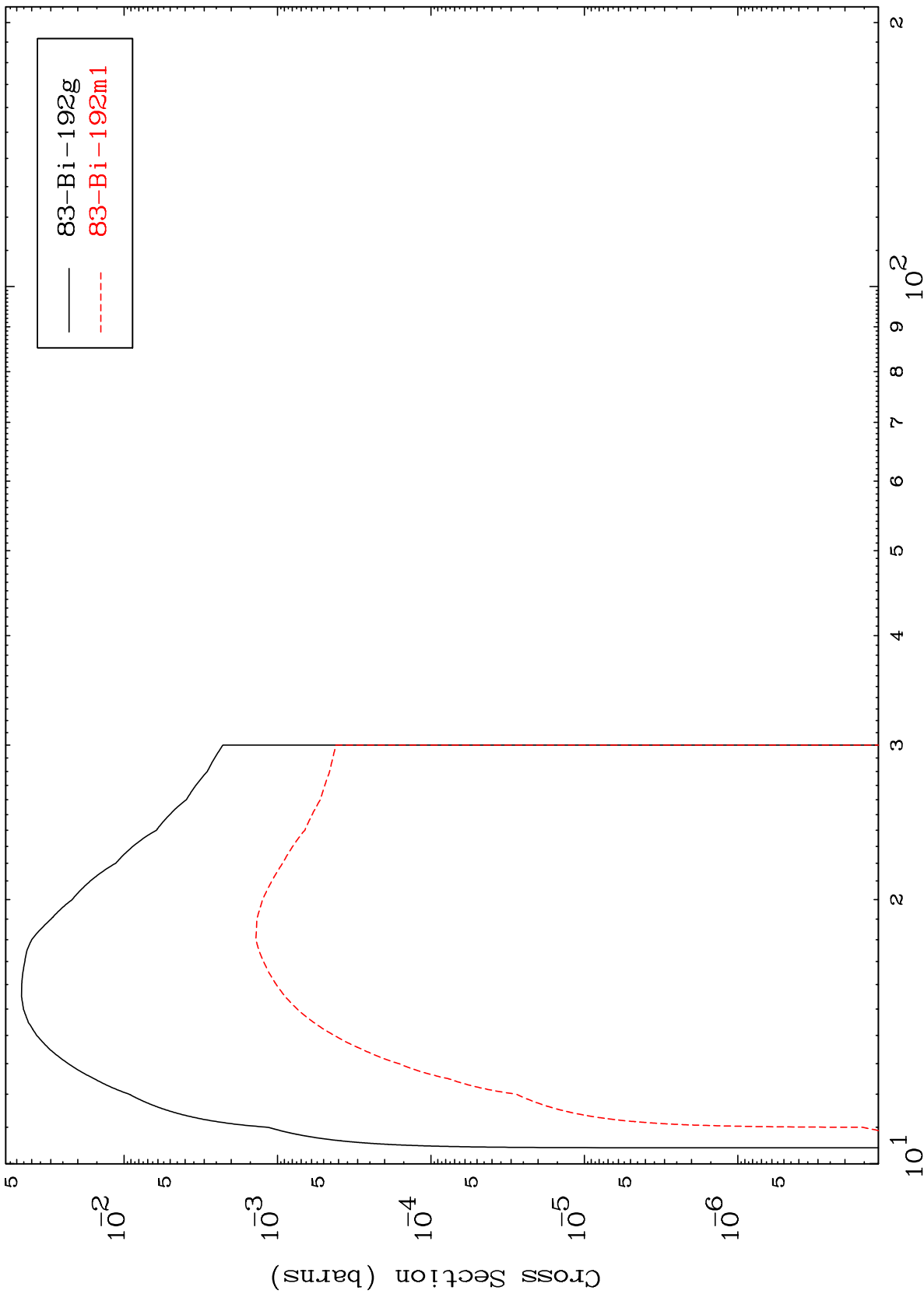
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Incident Energy (MeV)

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83-Bi-193

Inelastic  
Radionuclide Production Cross Section



83-Bi-193

Incident Energy (MeV)

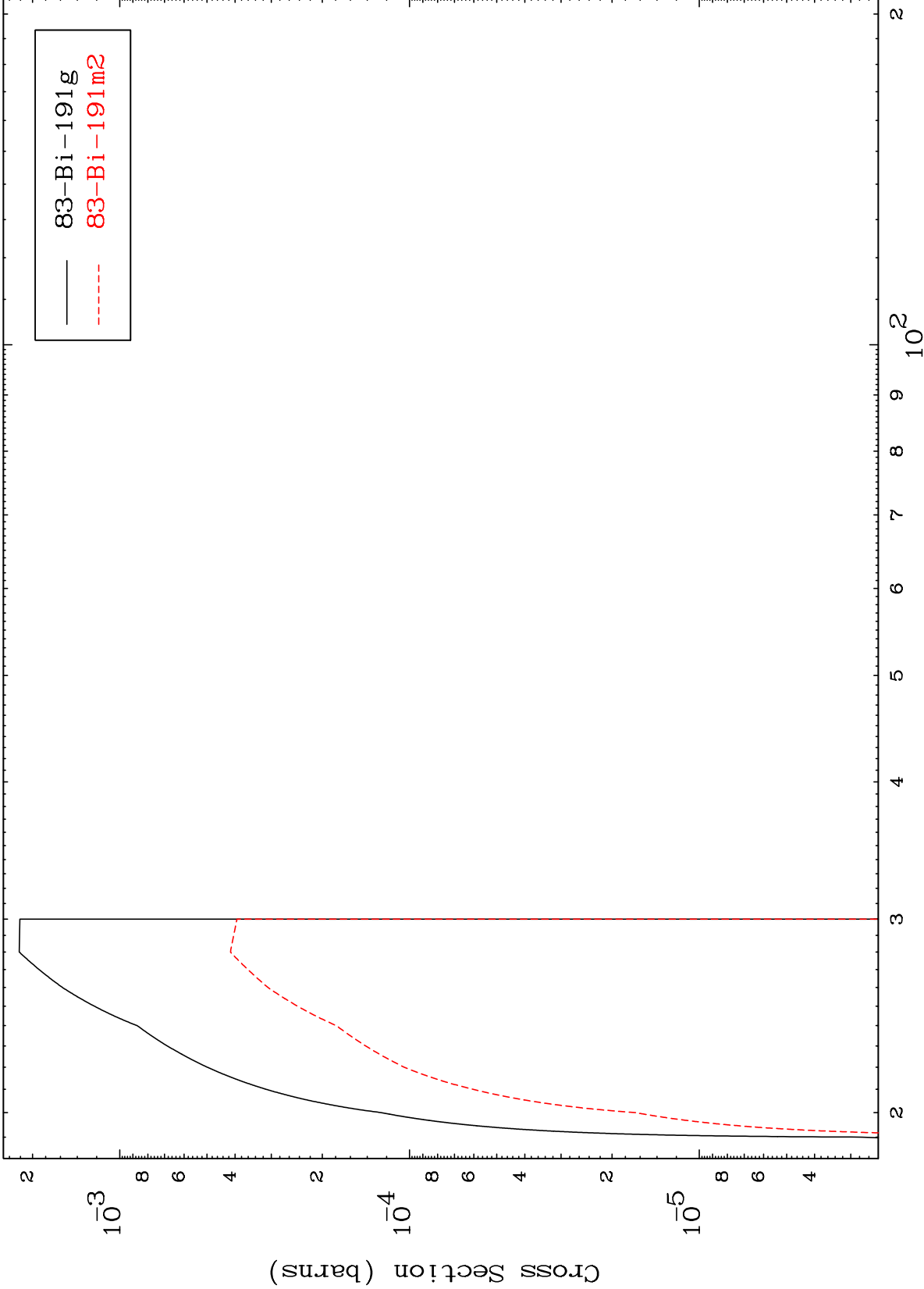
12

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(n,2n)

83-Bi-193

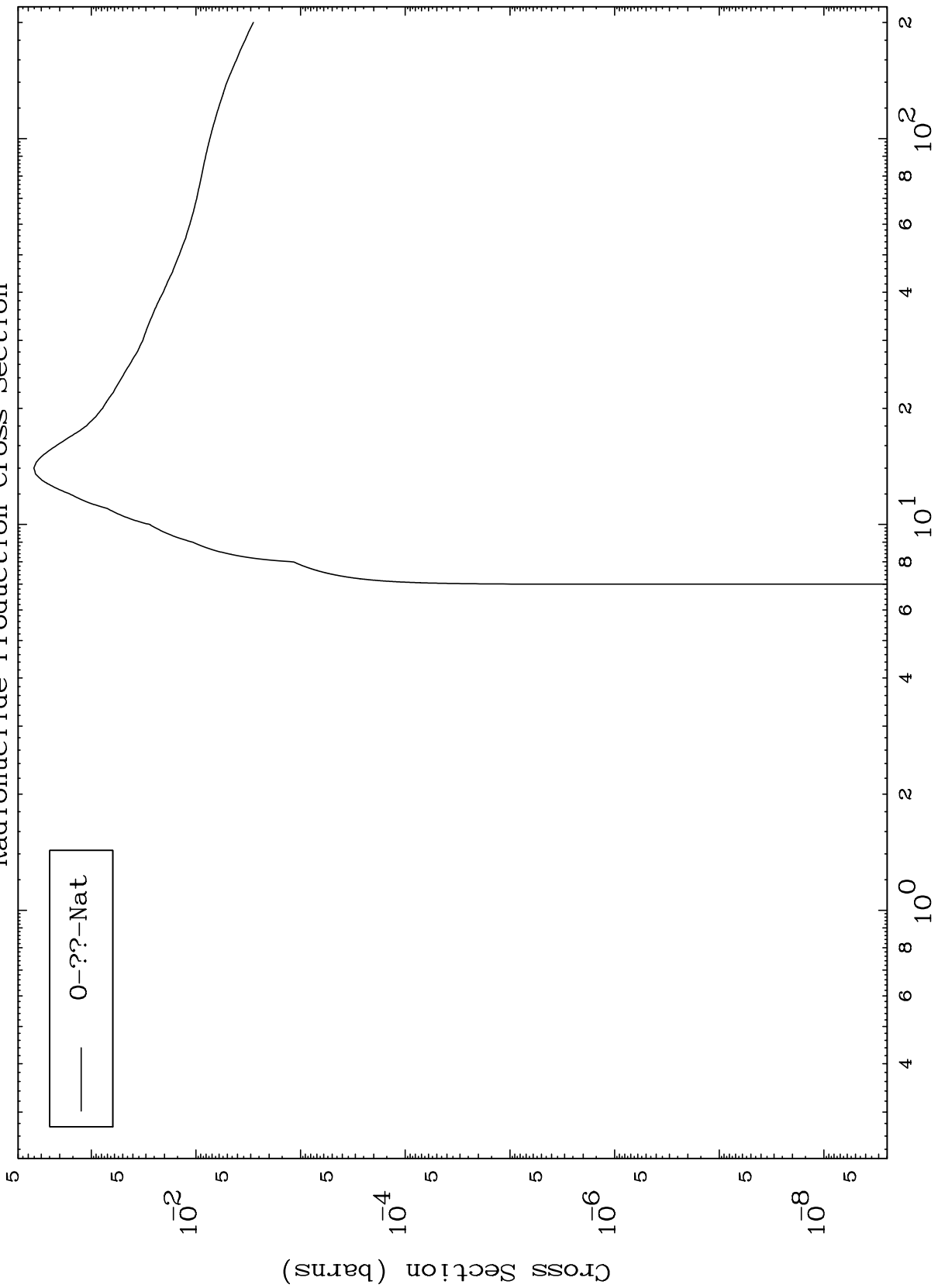
Radionuclide Production Cross Section



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83-Bi-193

Fission  
Radionuclide Production Cross Section



83-Bi-193

Incident Energy (MeV)

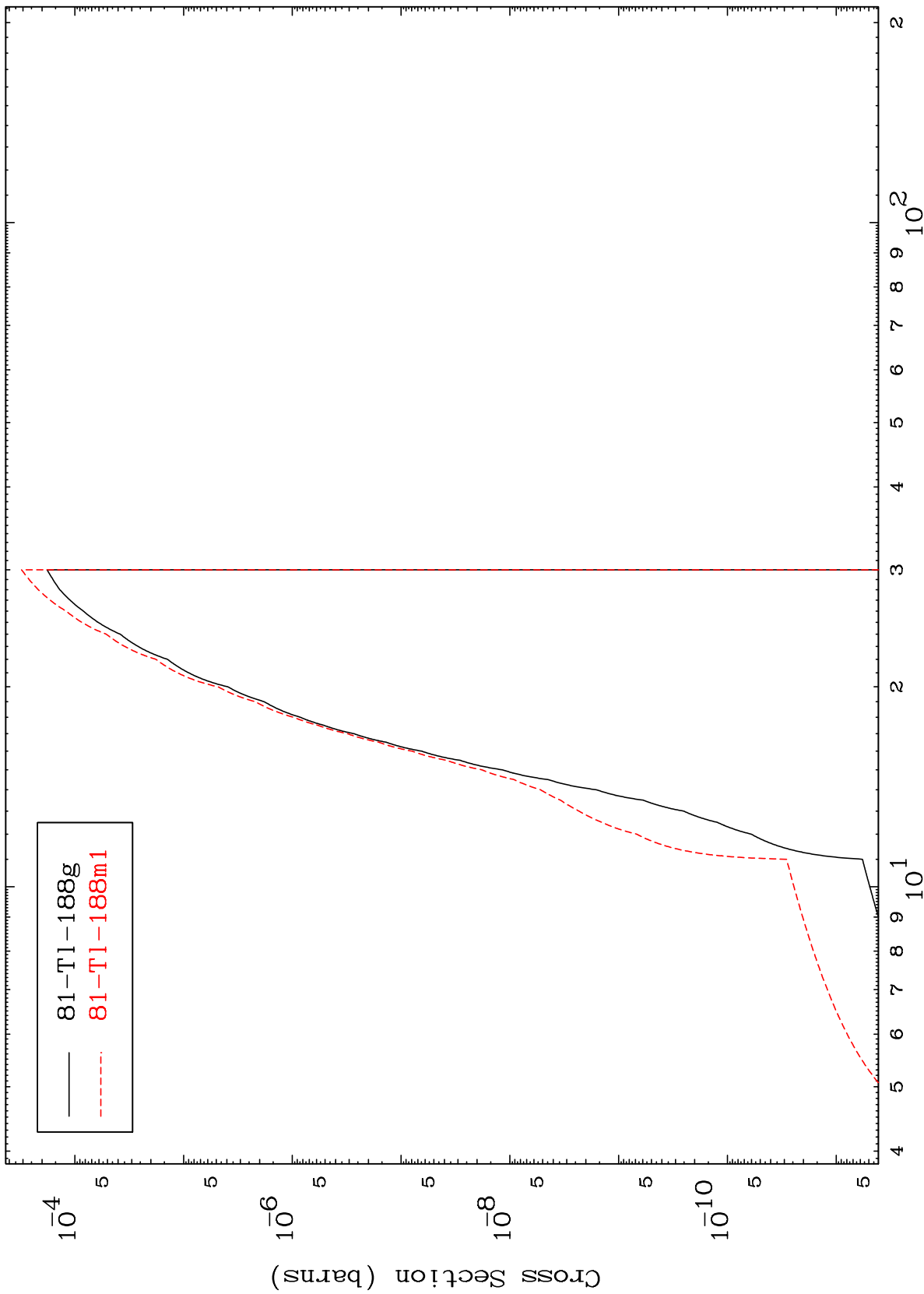
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83-Bi-193

(n,n')  $\alpha$

Radionuclide Production Cross Section



81-Tl-188g  
81-Tl-188m1

83-Bi-193

Incident Energy (MeV)

15

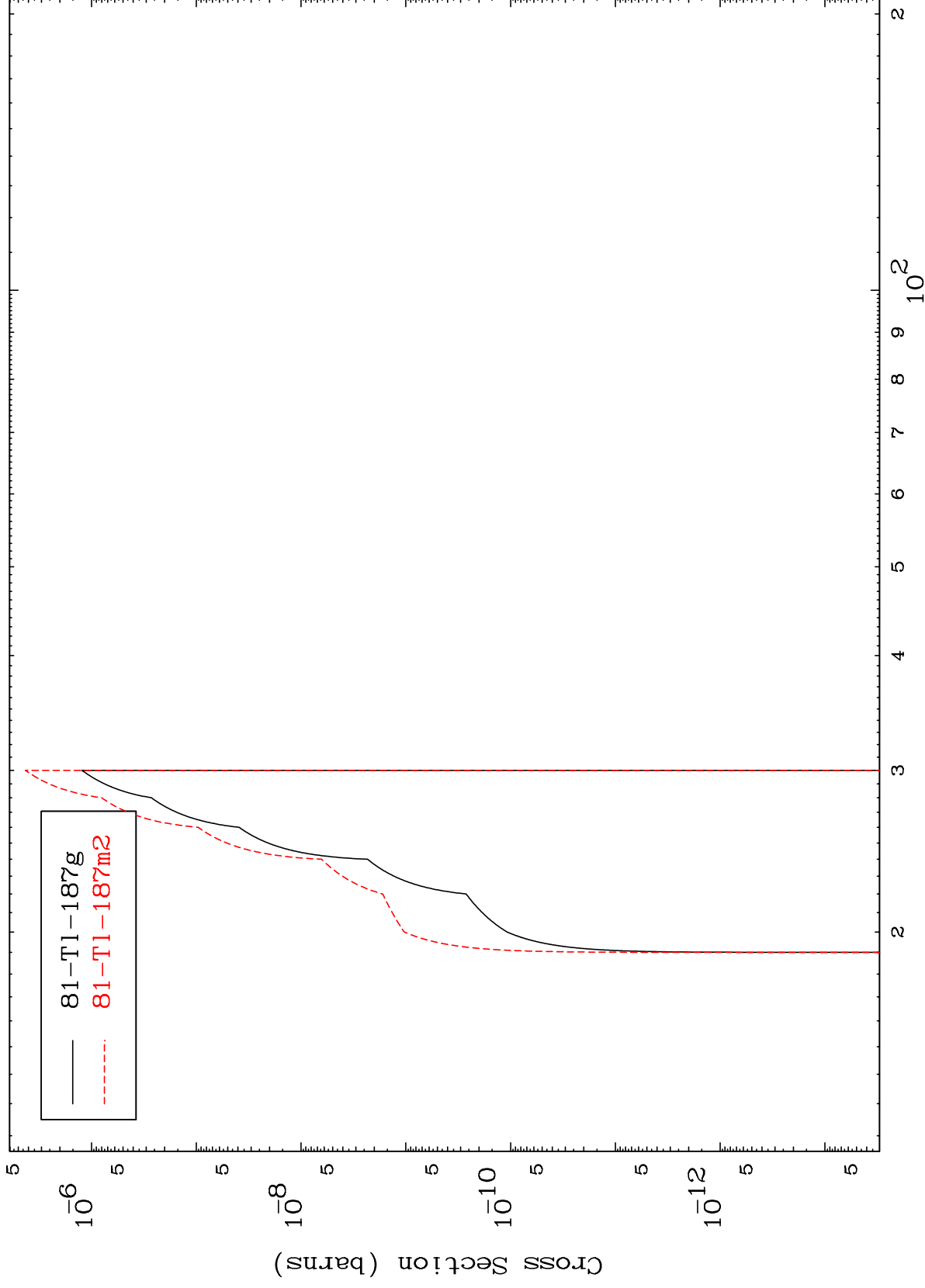


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(n,2n)  $\alpha$

83-Bi-193

Radionuclide Production Cross Section

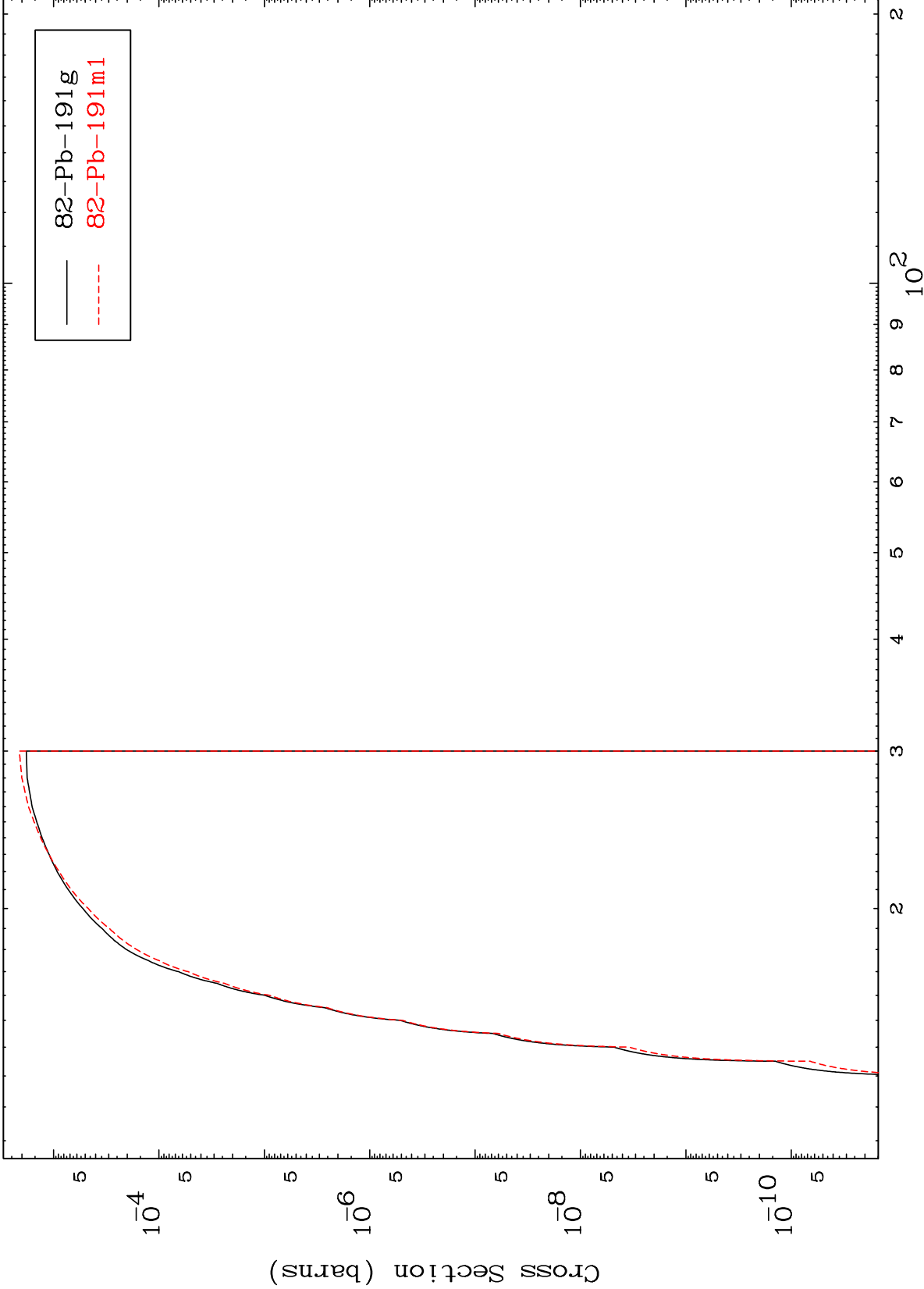


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Incident Energy (MeV)

83-Bi-193

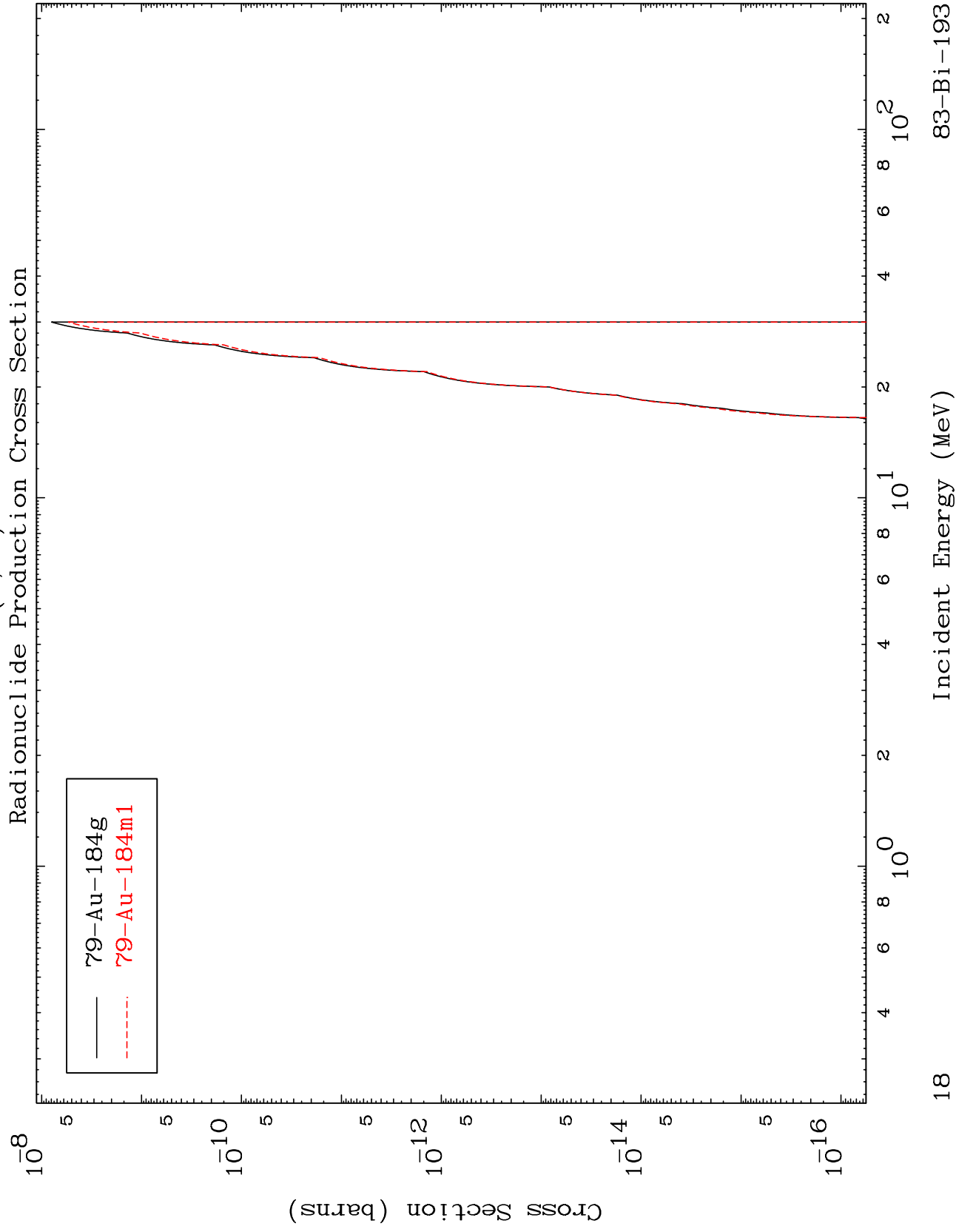
Radionuclide Production Cross Section



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(n,n') 2 $\alpha$

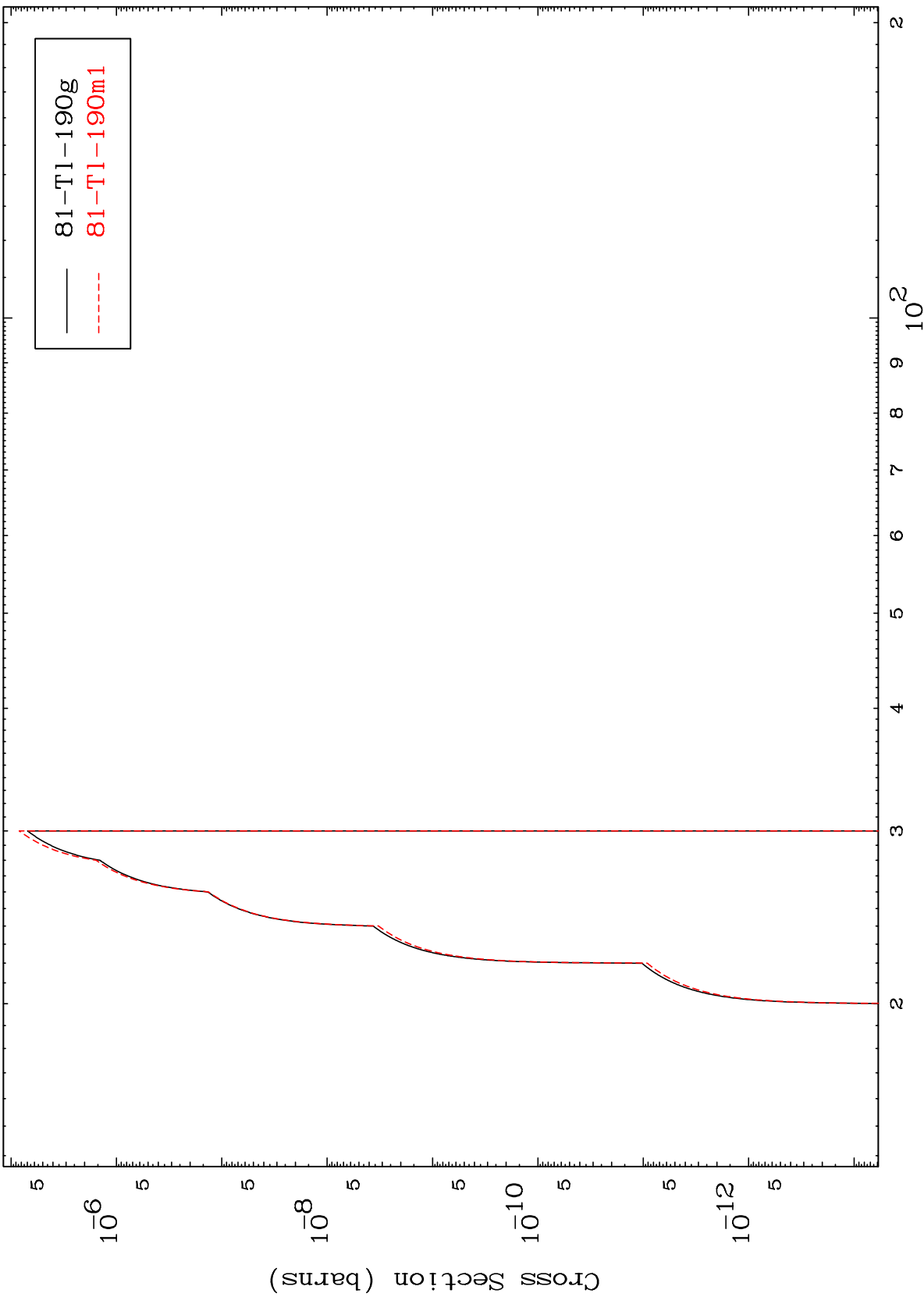
83-Bi-193



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83-Bi-193

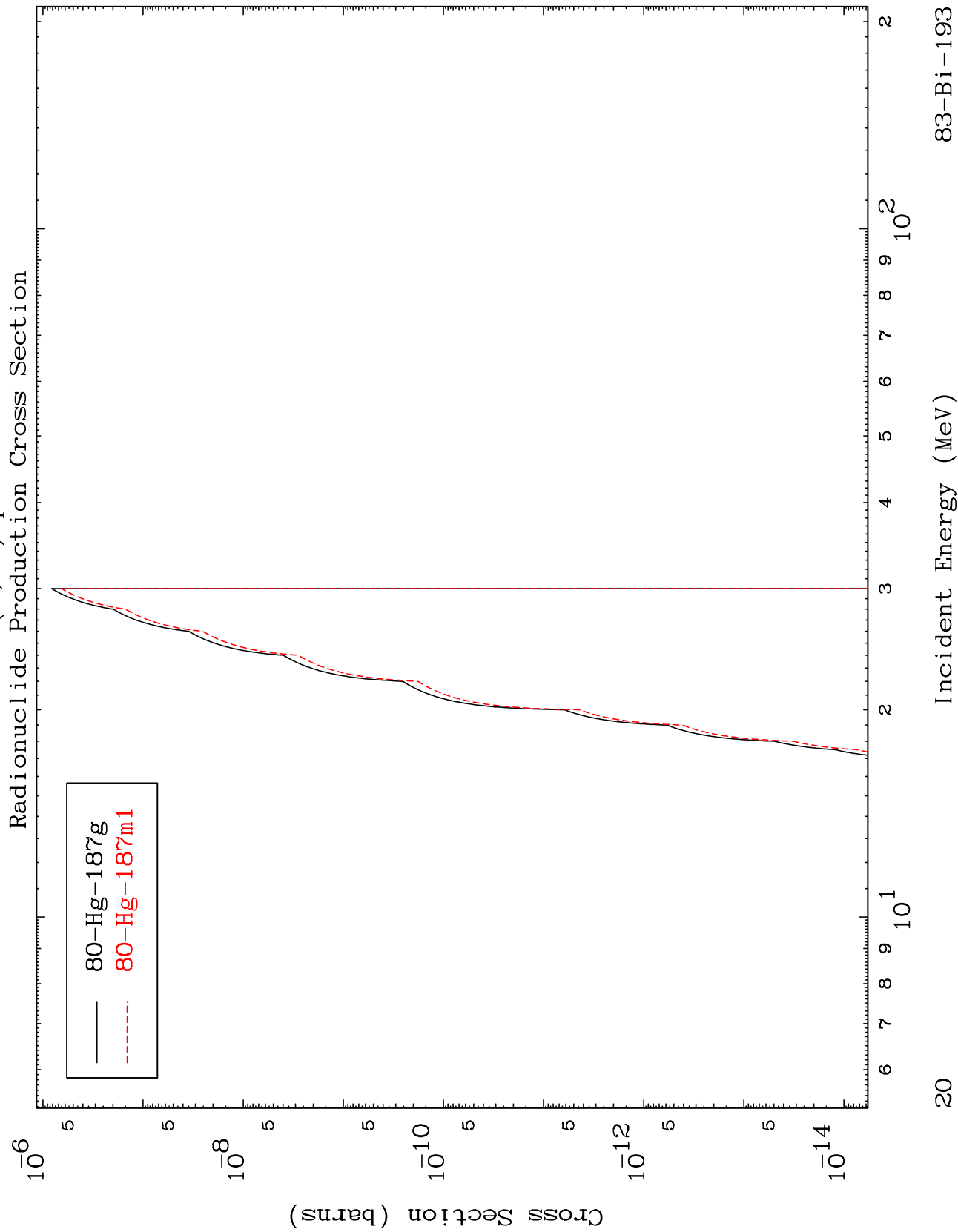
Radionuclide Production Cross Section



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(n,n') p  $\alpha$

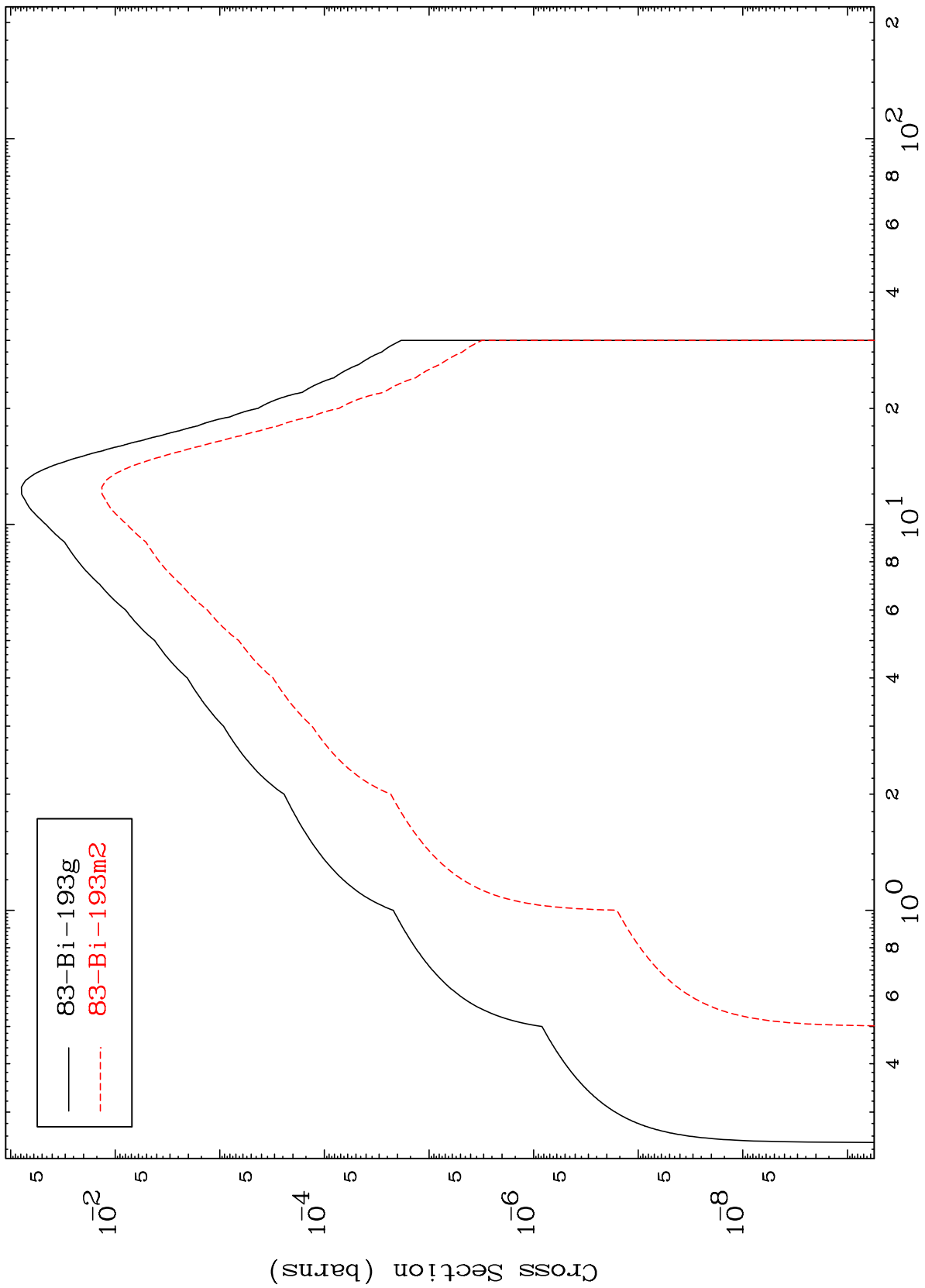
83-Bi-193



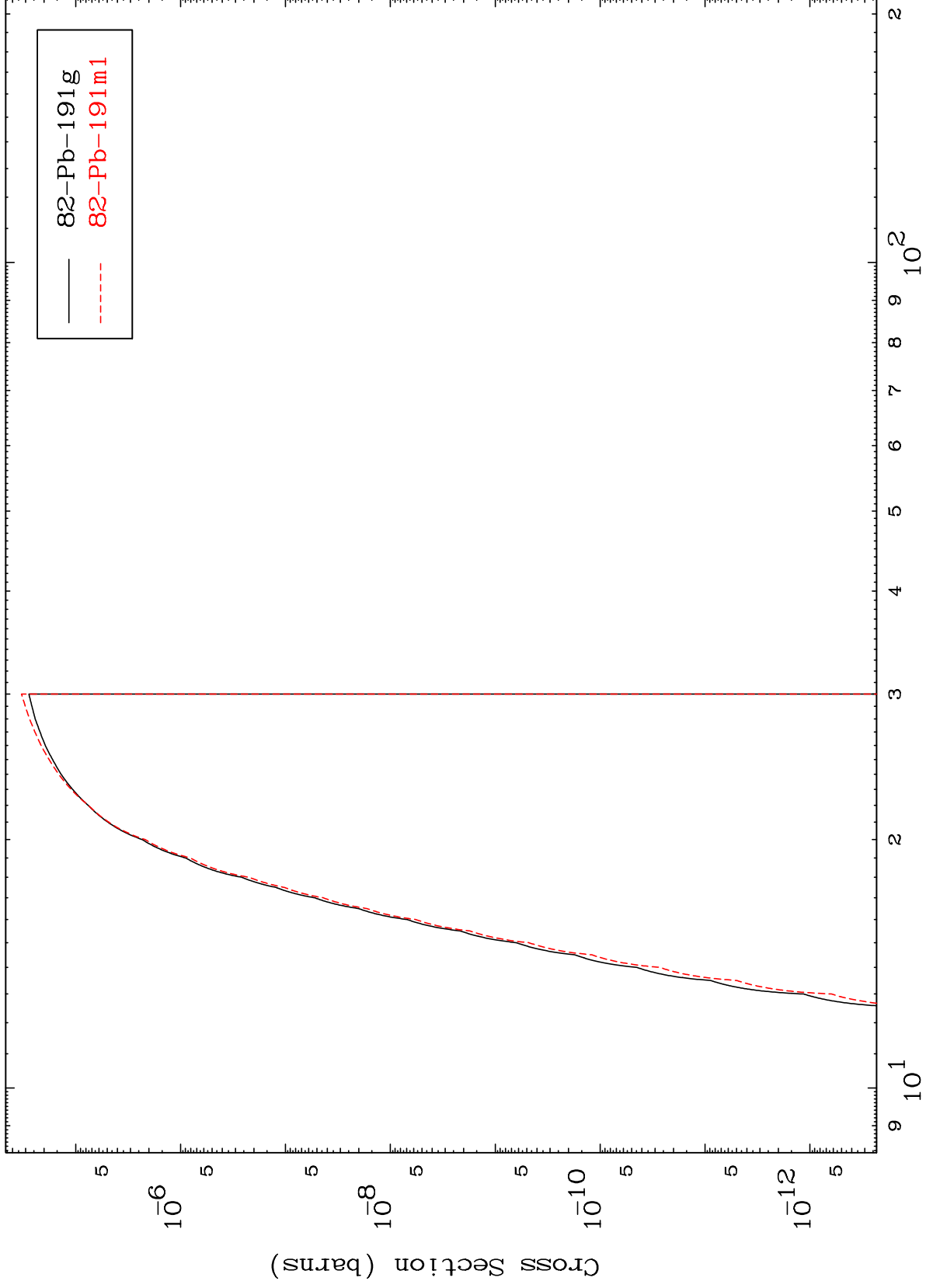
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83-Bi-193

(n,γ)  
Radionuclide Production Cross Section



(n,d)  
Radionuclide Production Cross Section

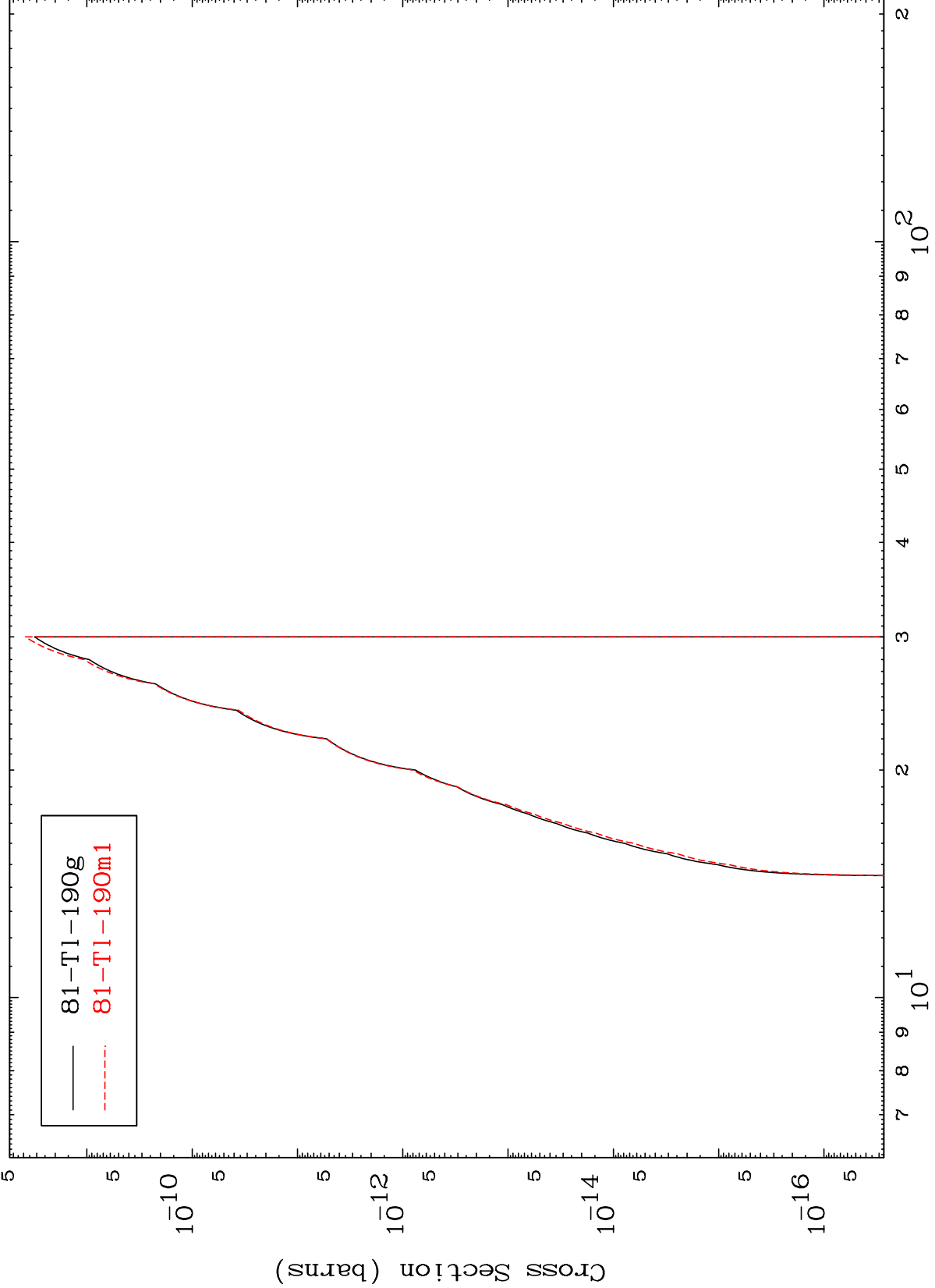


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(n,He-3)

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Radionuclide Production Cross Section



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Incident Energy (MeV)

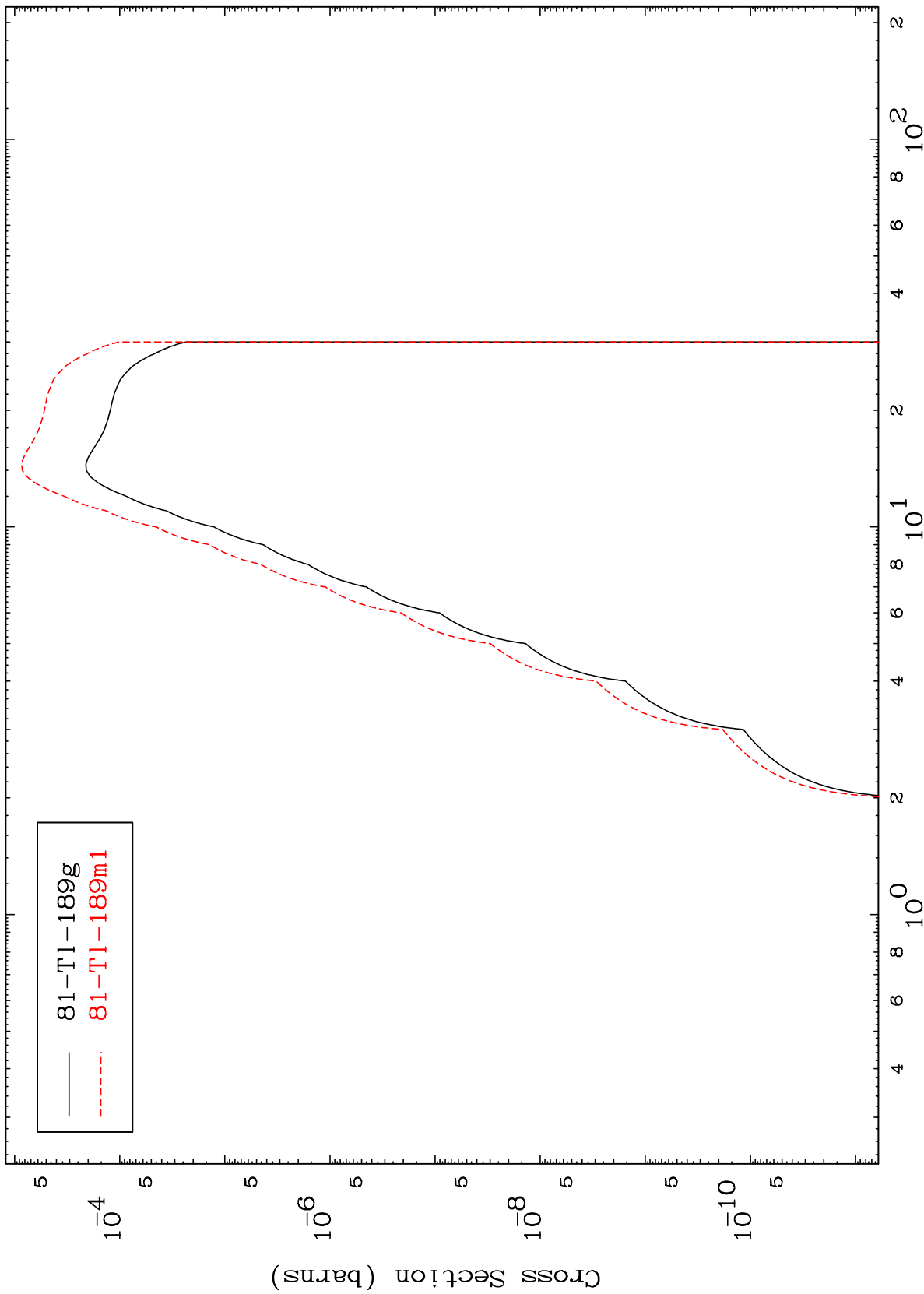
83-Bi-193



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83-Bi-193

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



83-Bi-193

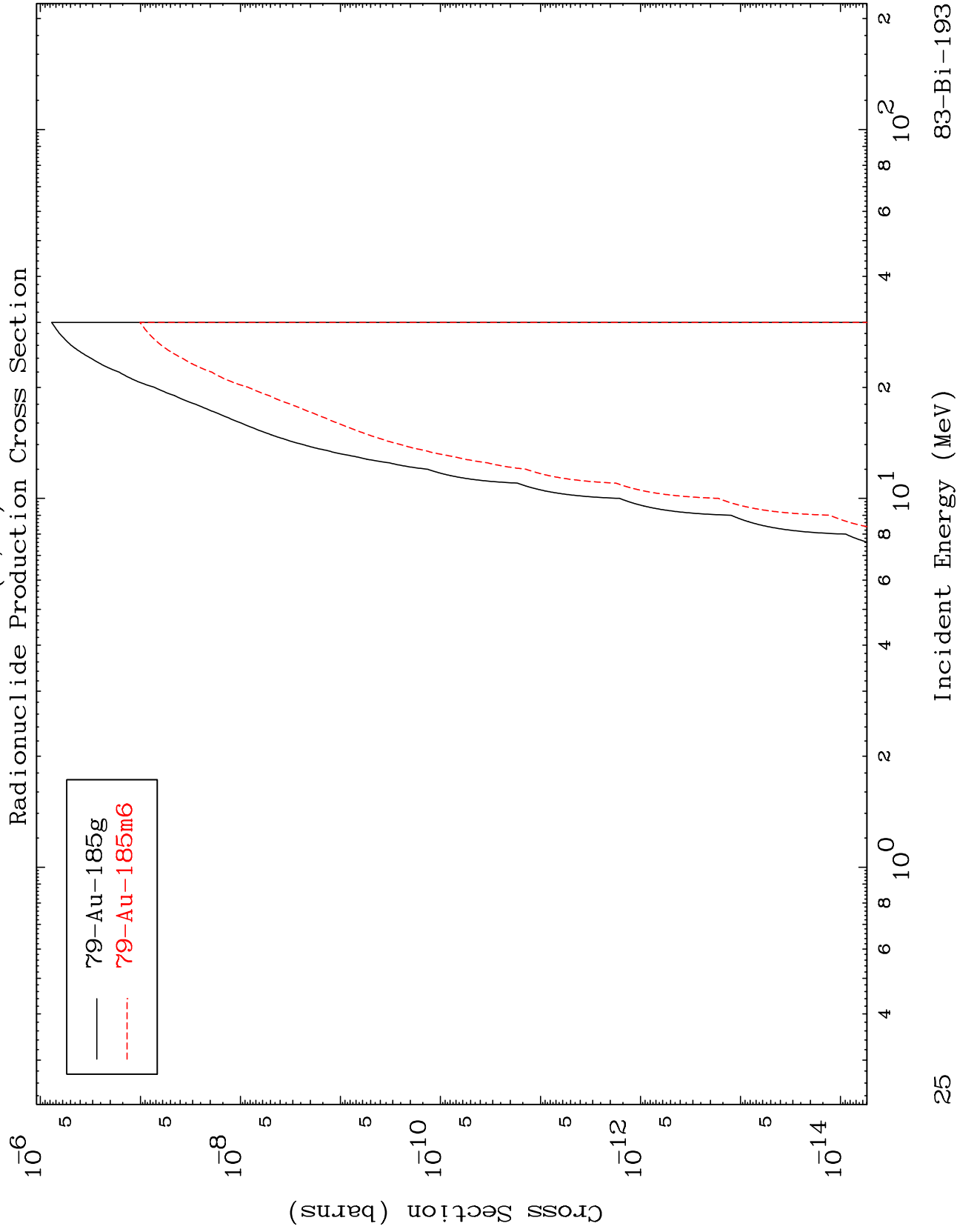
Incident Energy (MeV)

24

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(n,2α)

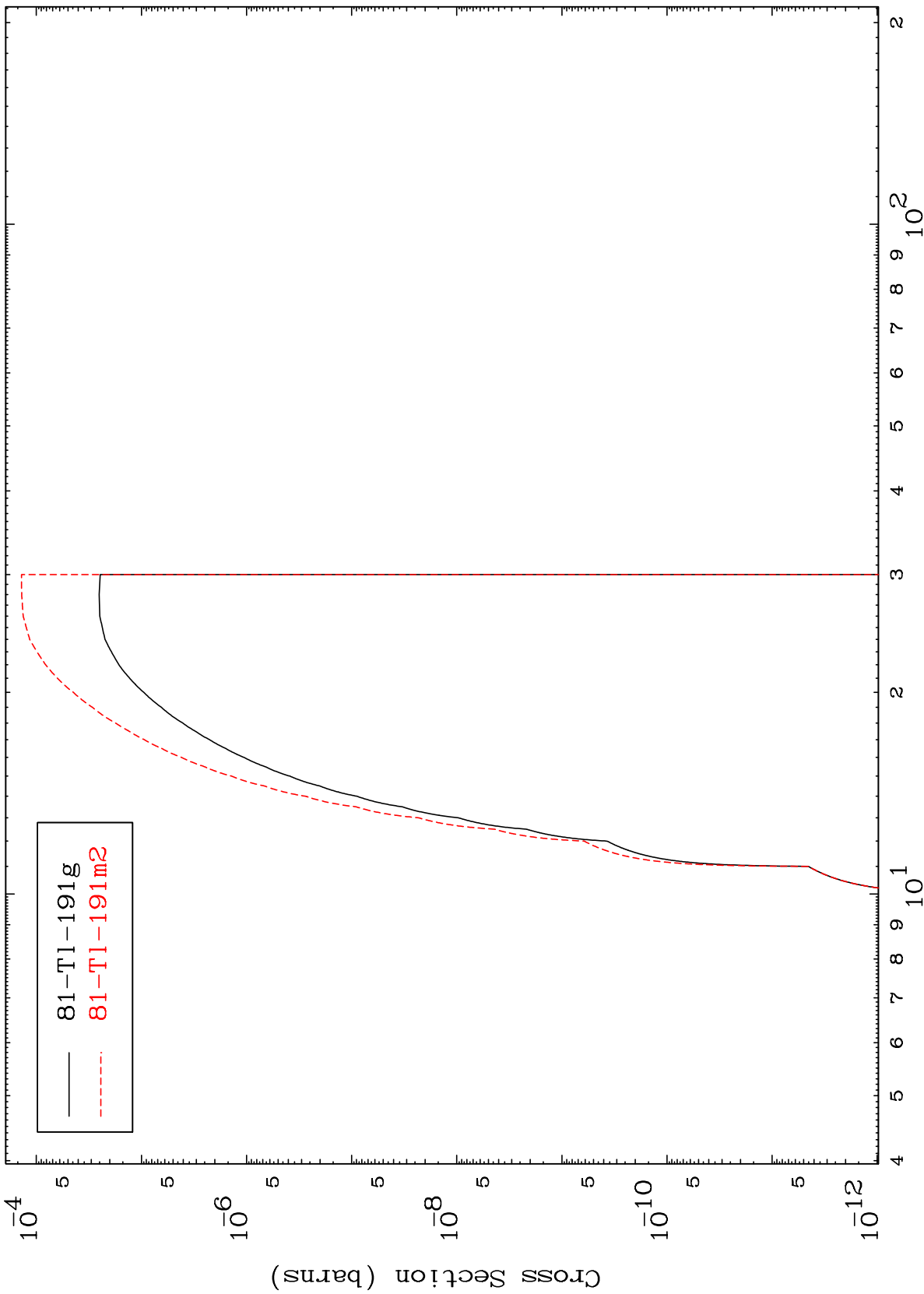
83-Bi-193



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83-Bi-193

(n,2p)  
Radionuclide Production Cross Section

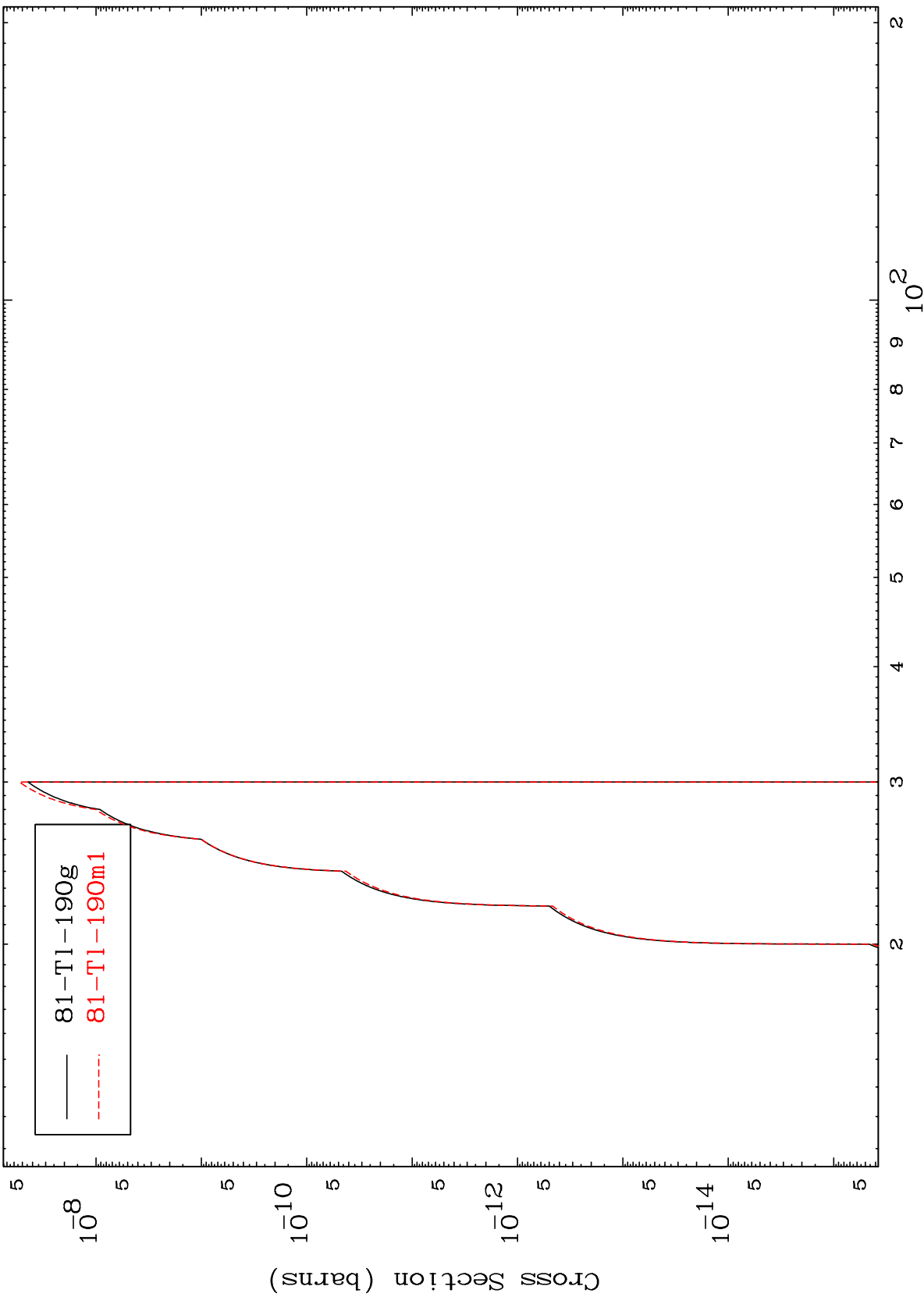


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Incident Energy (MeV)

83-Bi-193

Radionuclide Production Cross Section



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(n,d)  $\alpha$

83-Bi-193

Radionuclide Production Cross Section

