

Program EVALPLOT  
(Version 2021-1)

by

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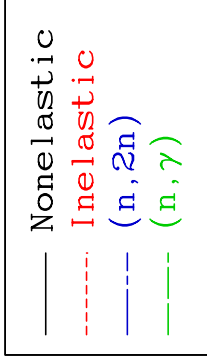
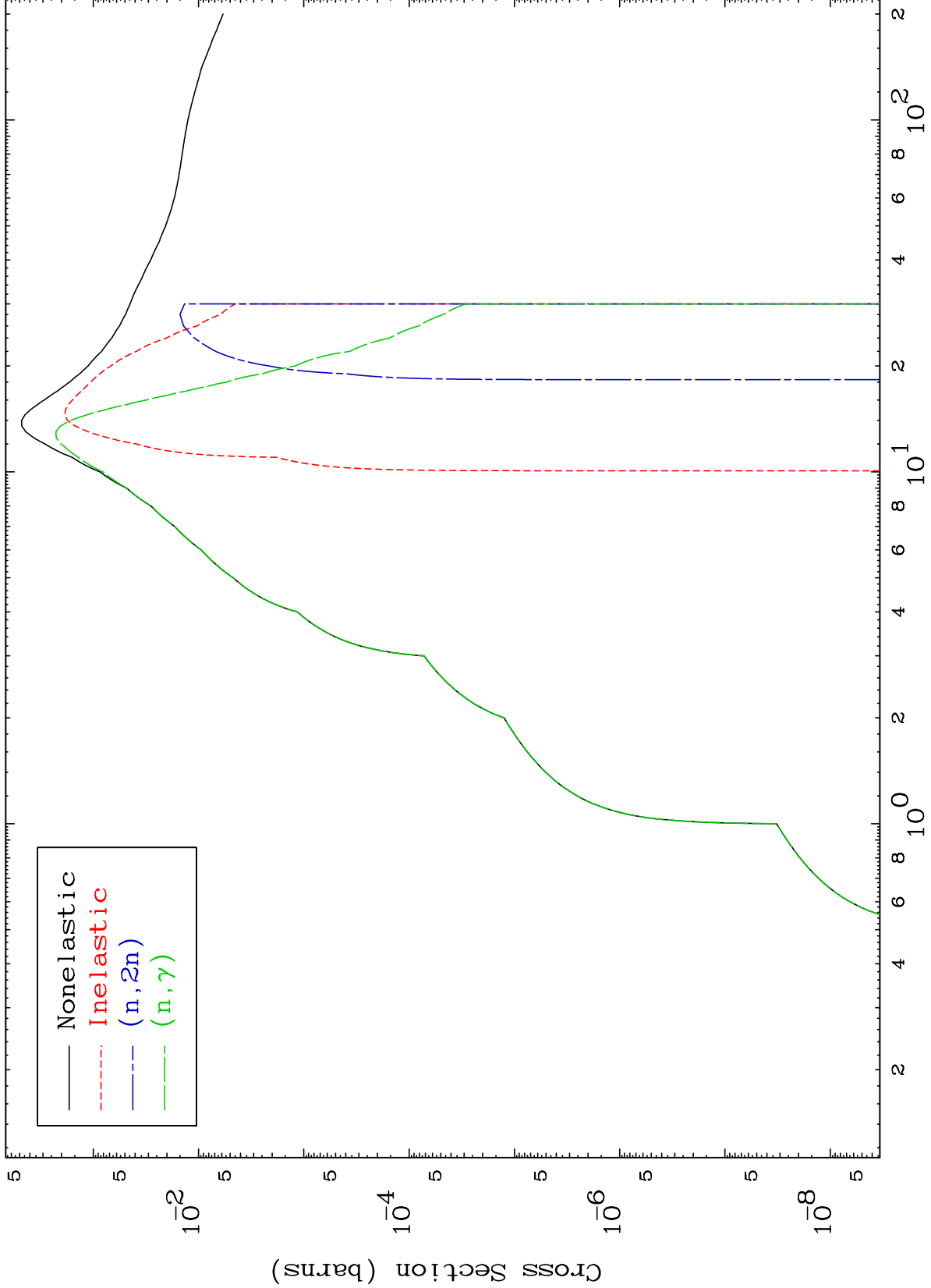
Press Mouse Button to Start

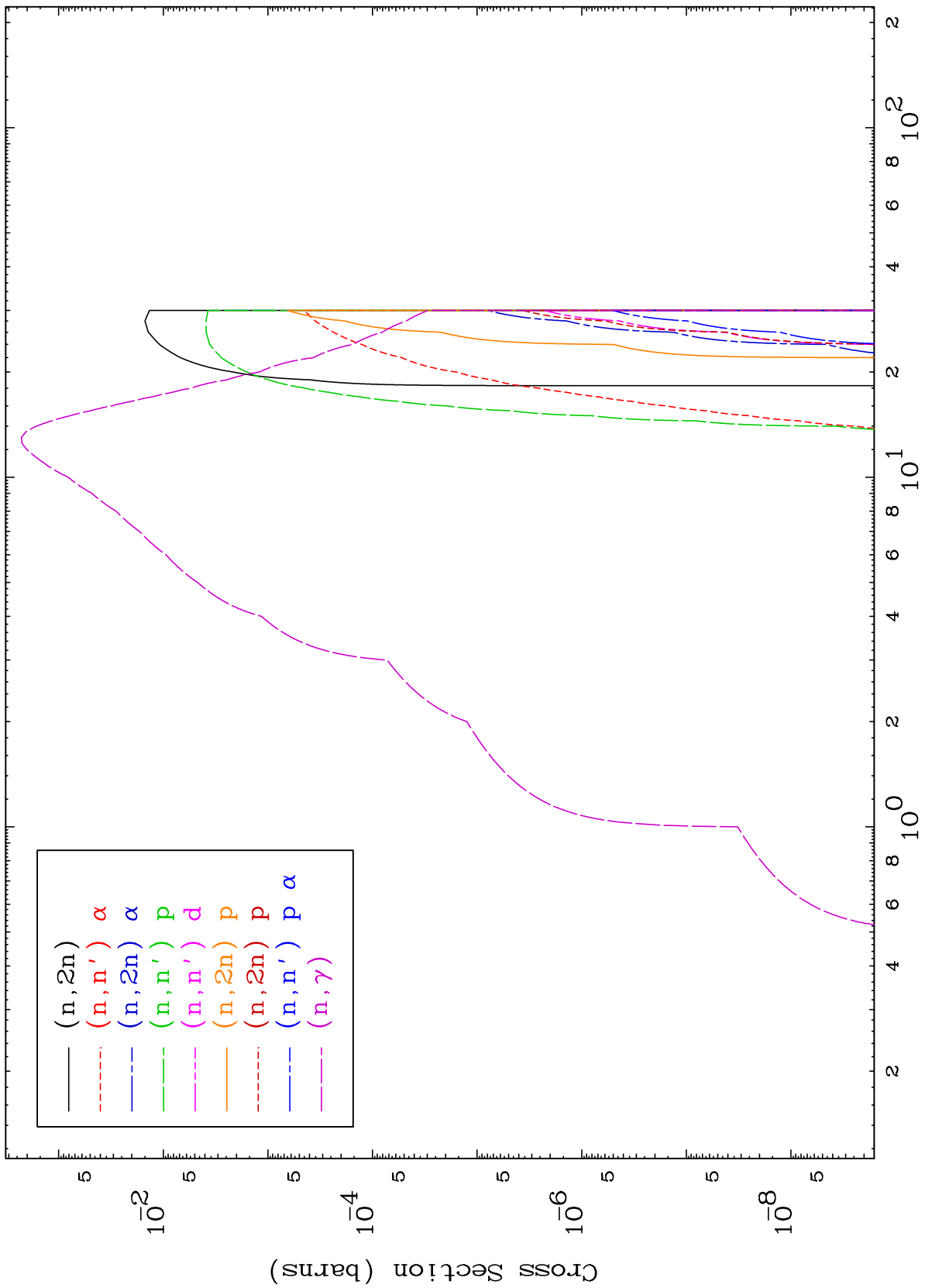
MAT 8283

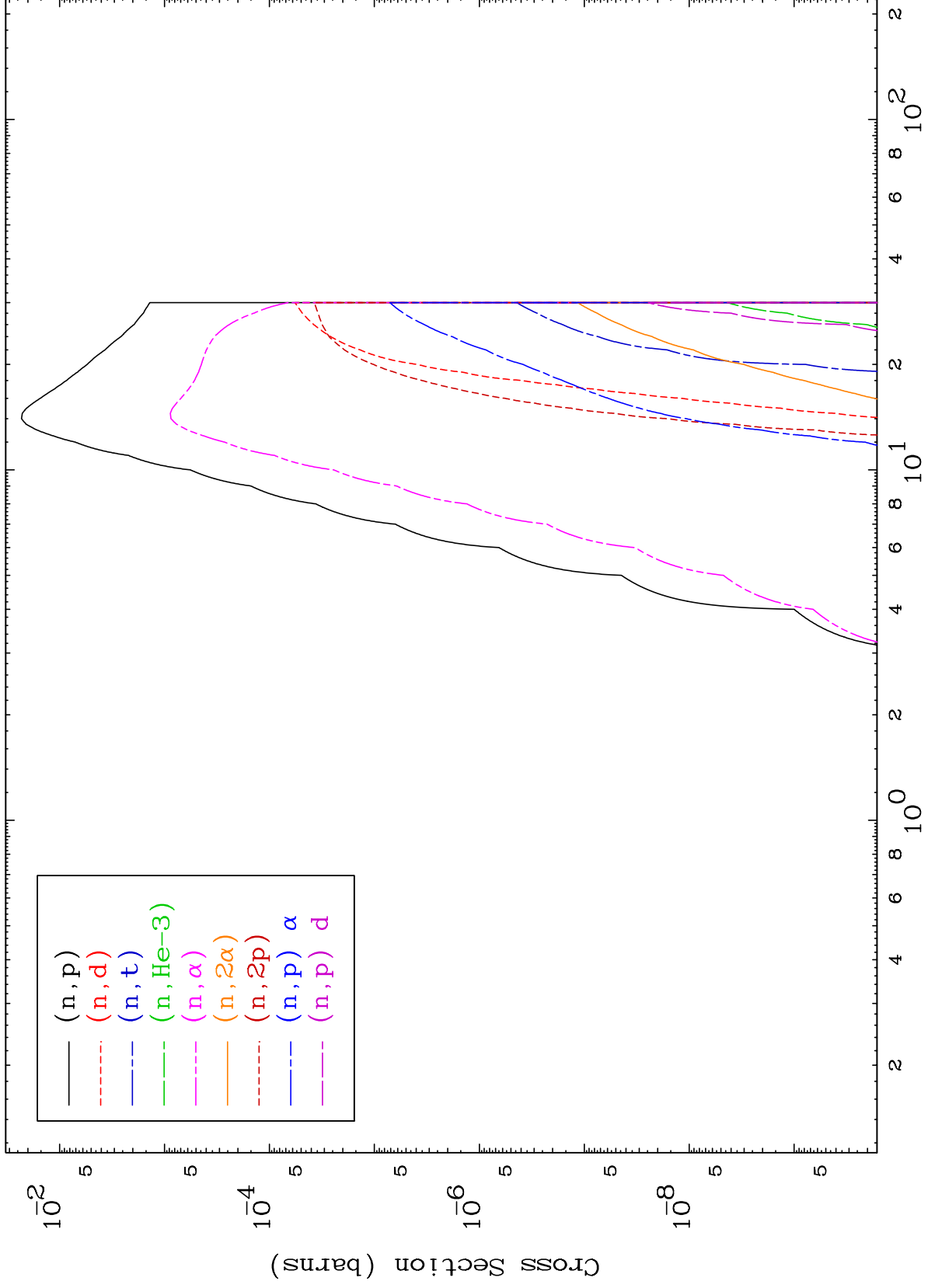
Photon Major

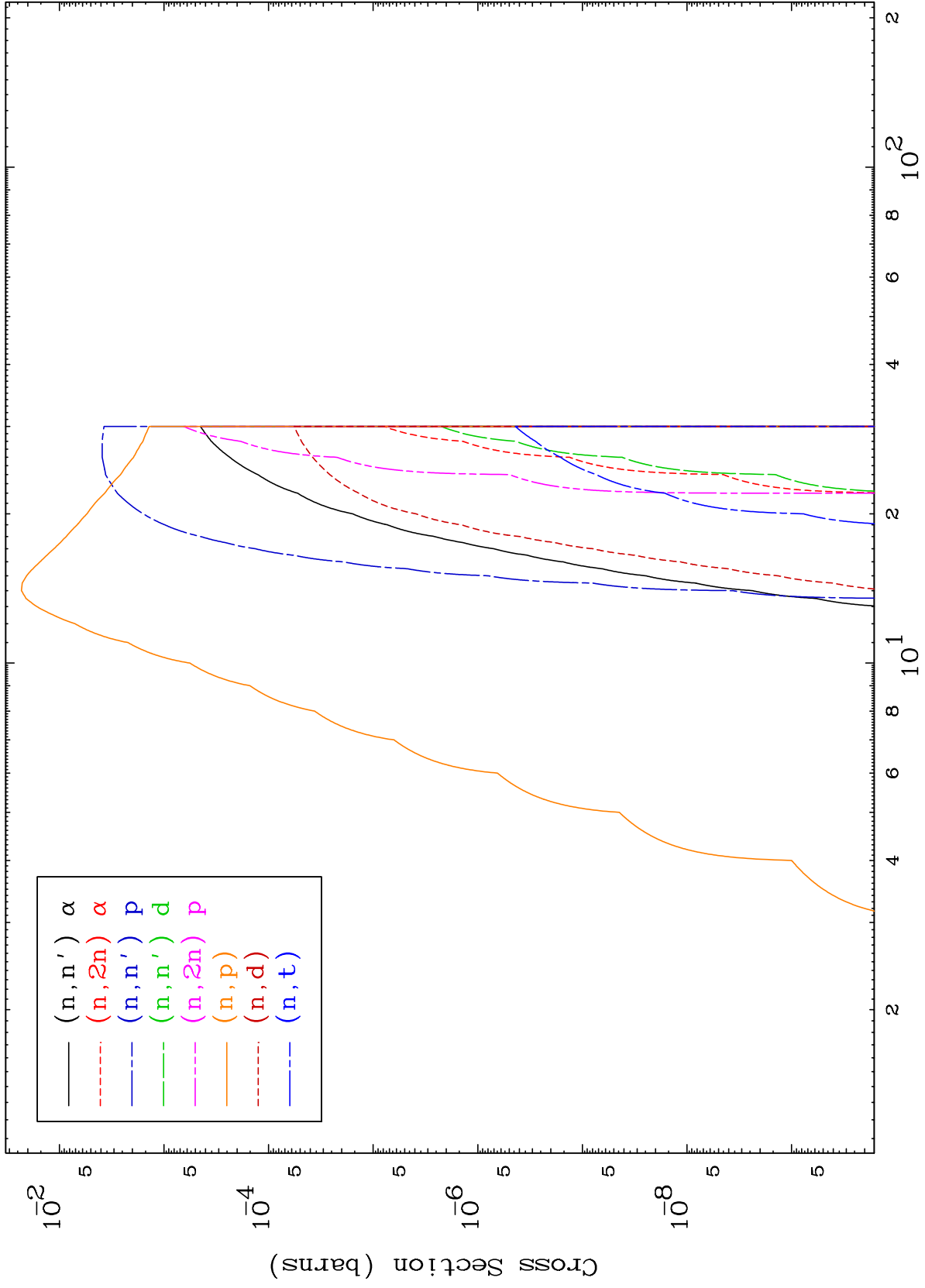
83-Bi-195

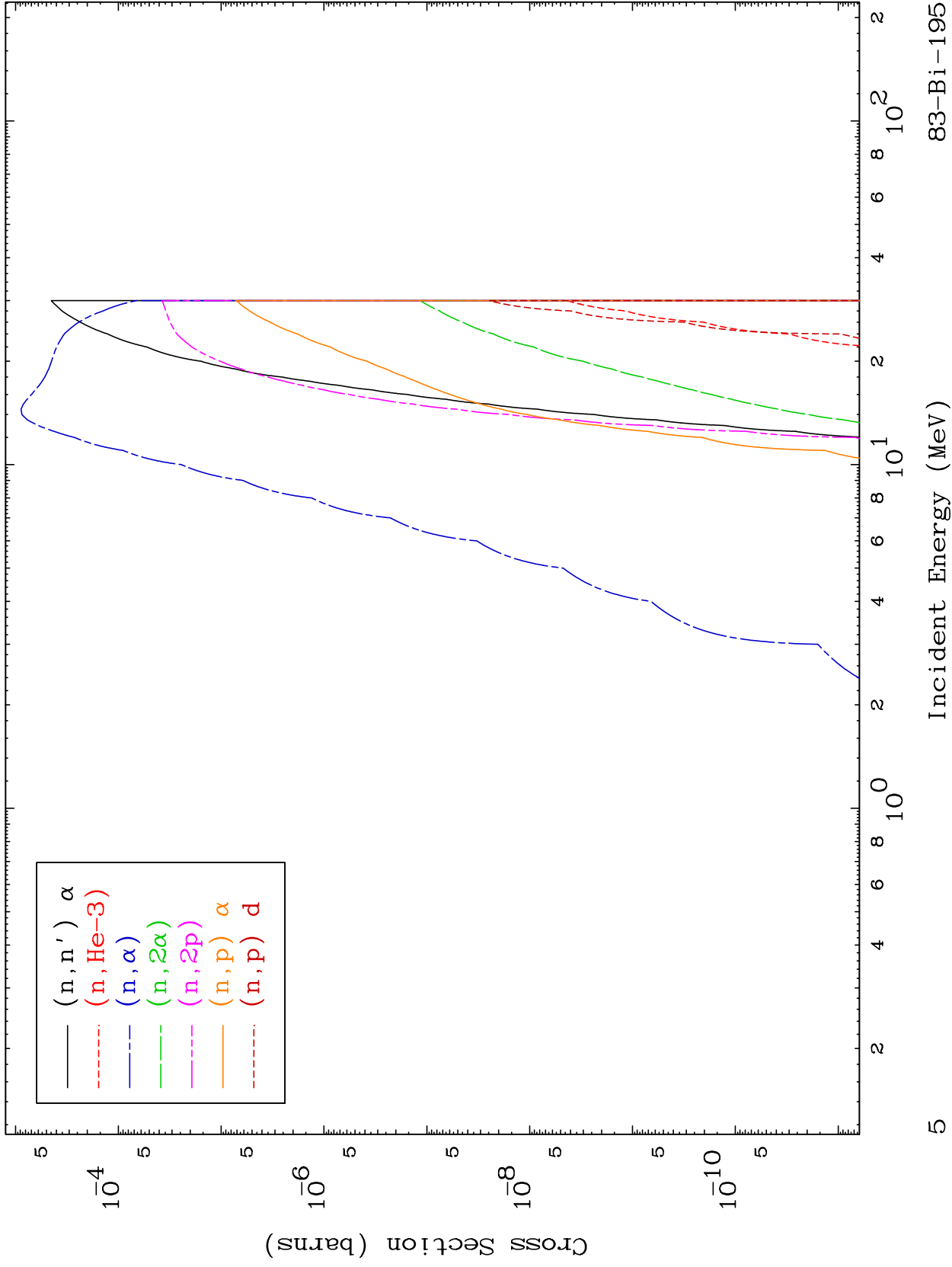
0 Kelvin Cross Sections









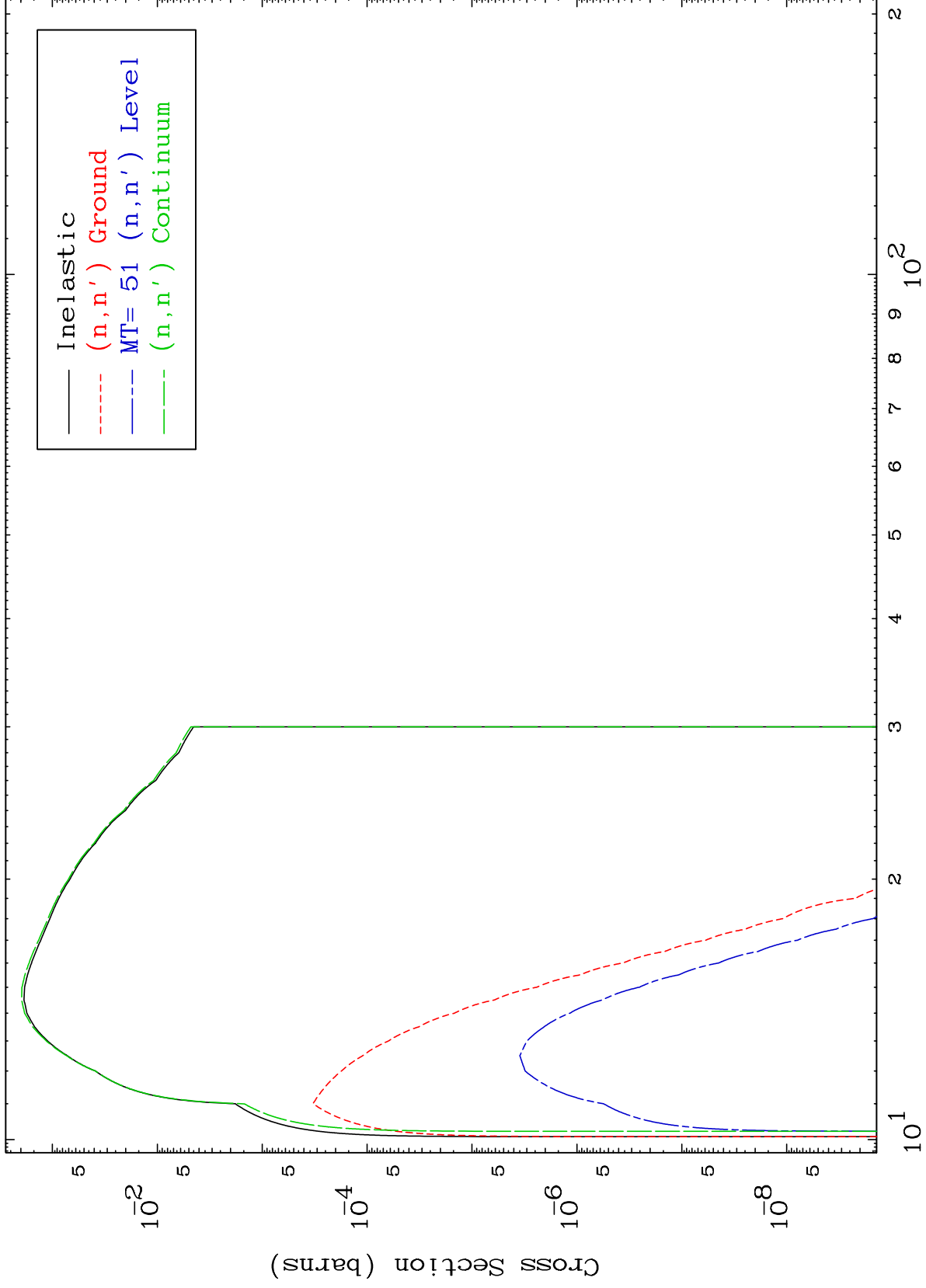


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( $\gamma, n'$ ) Levels

83-Bi-195

0 Kelvin Cross Sections



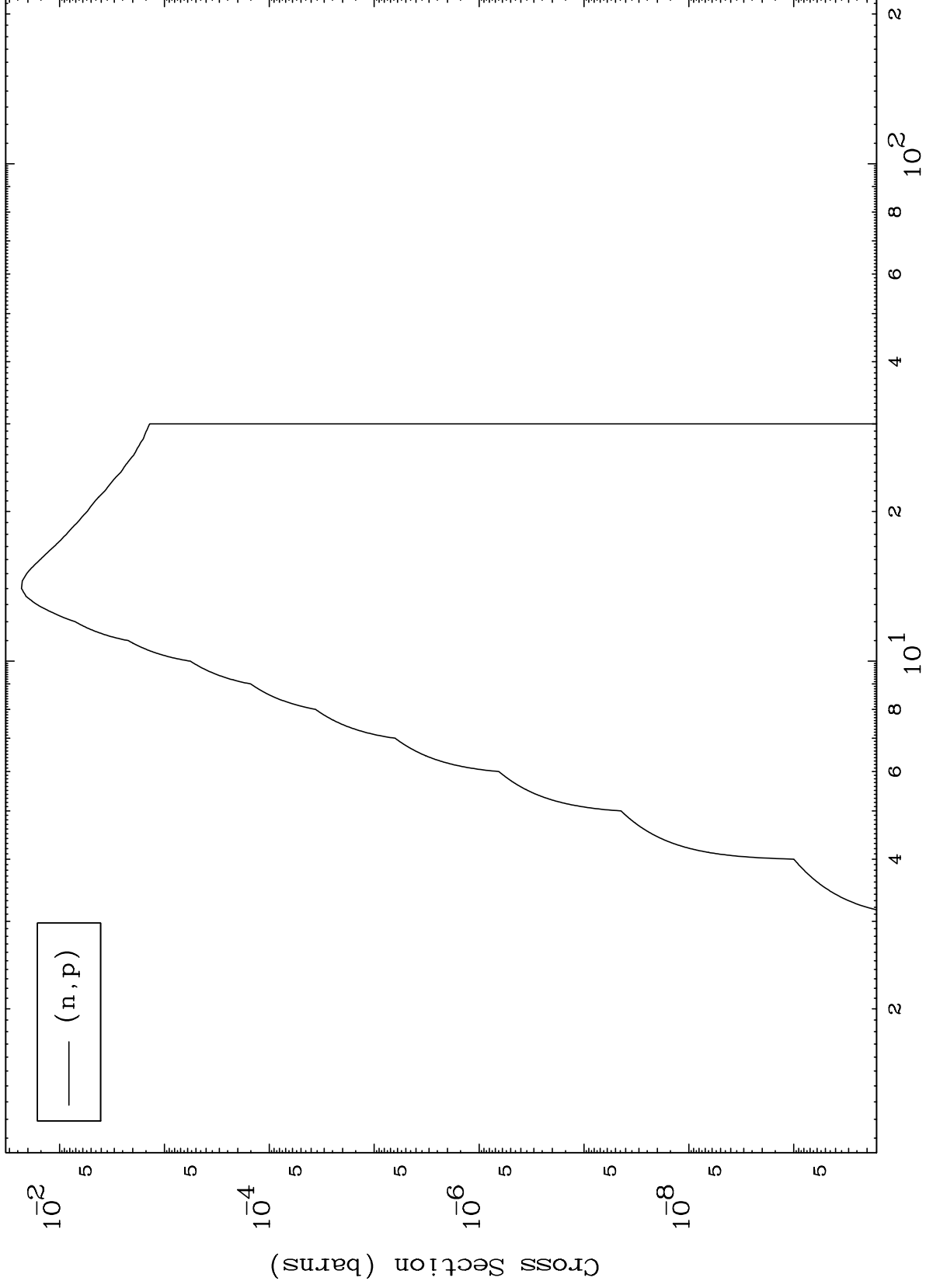
Incident Energy (MeV)

83-Bi-195

MAT 8283

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

83-Bi-195



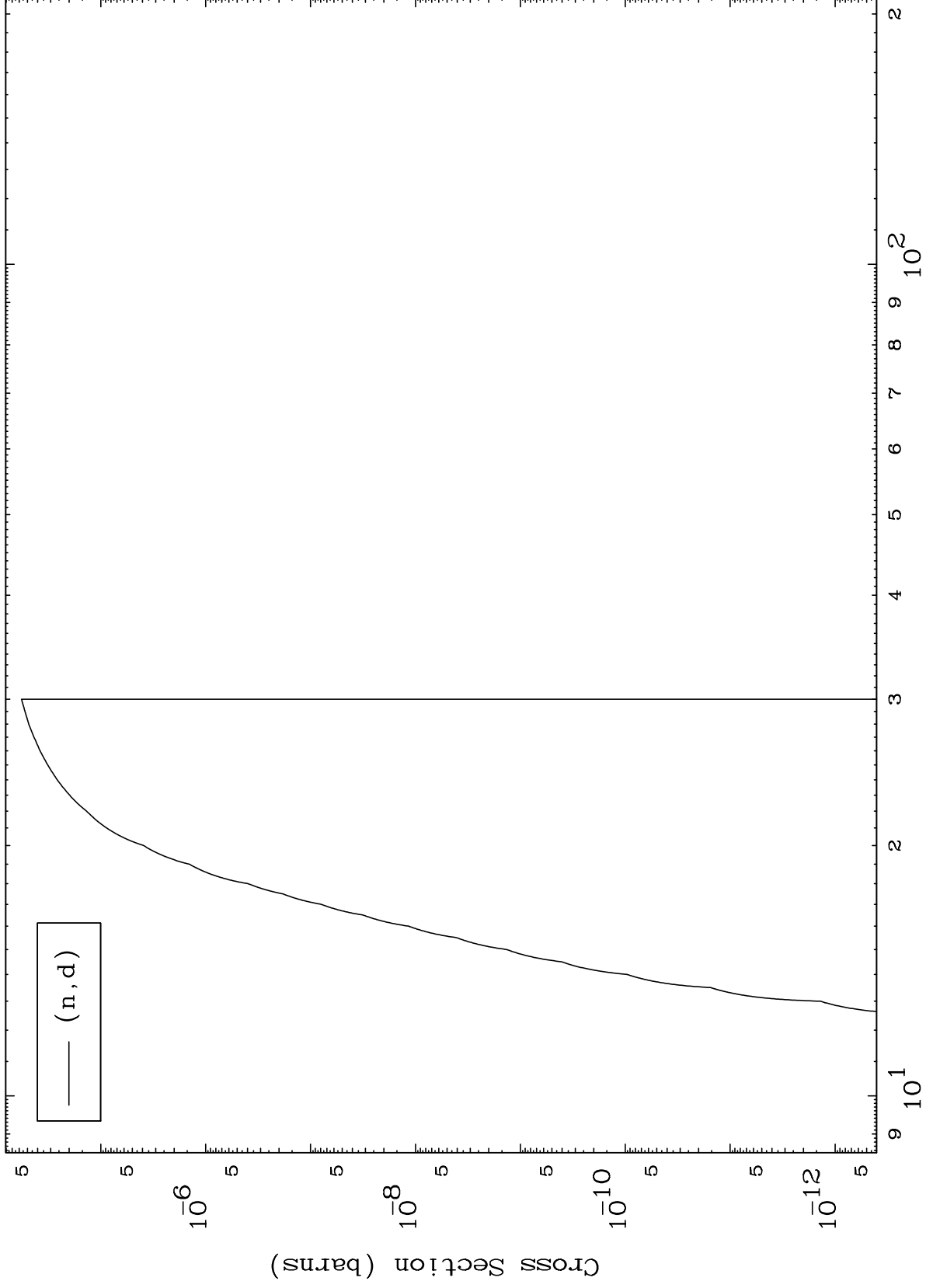
(n, p)



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

83-Bi-195



Incident Energy (MeV)

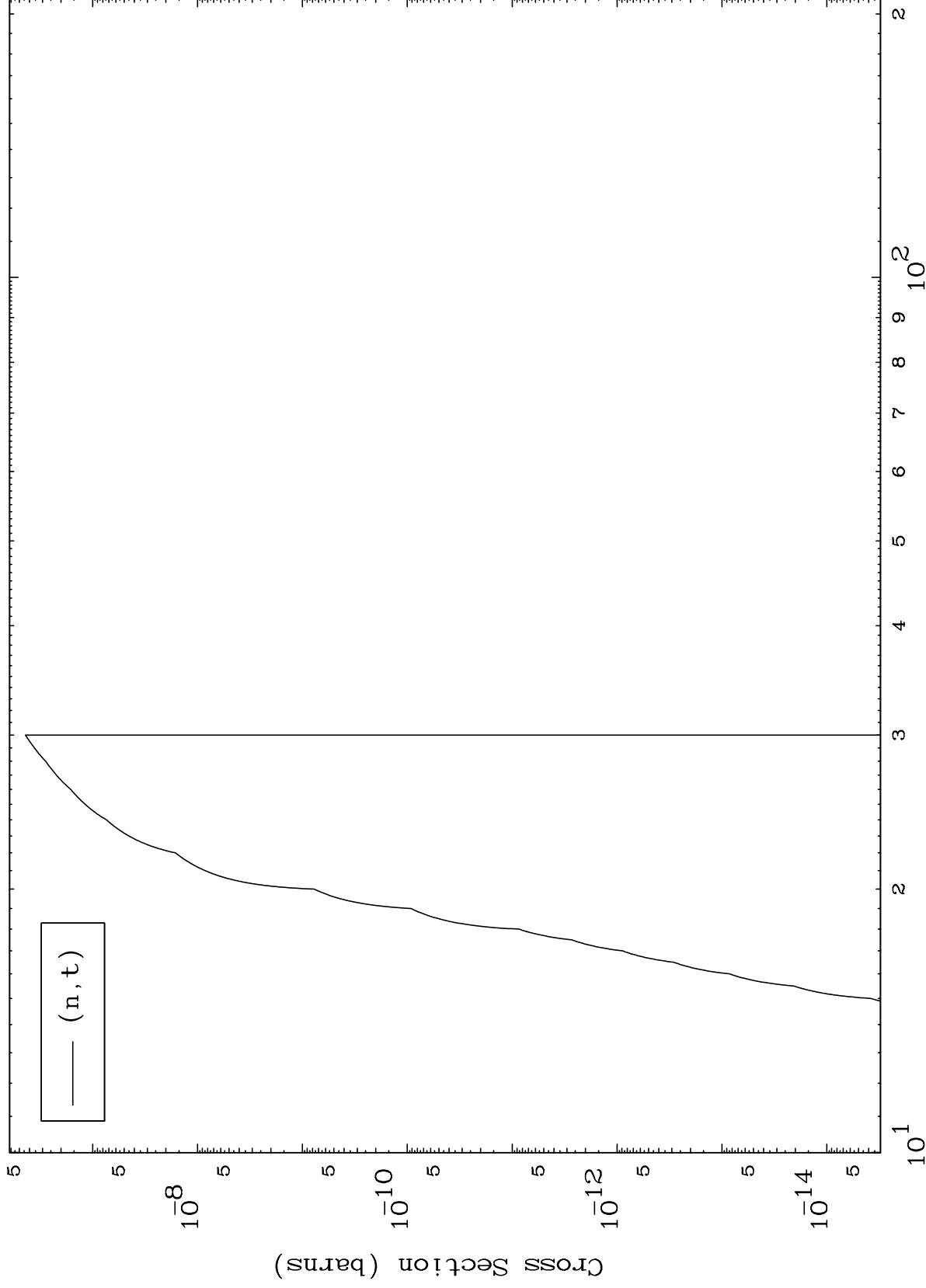
83-Bi-195

8

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

83-Bi-195



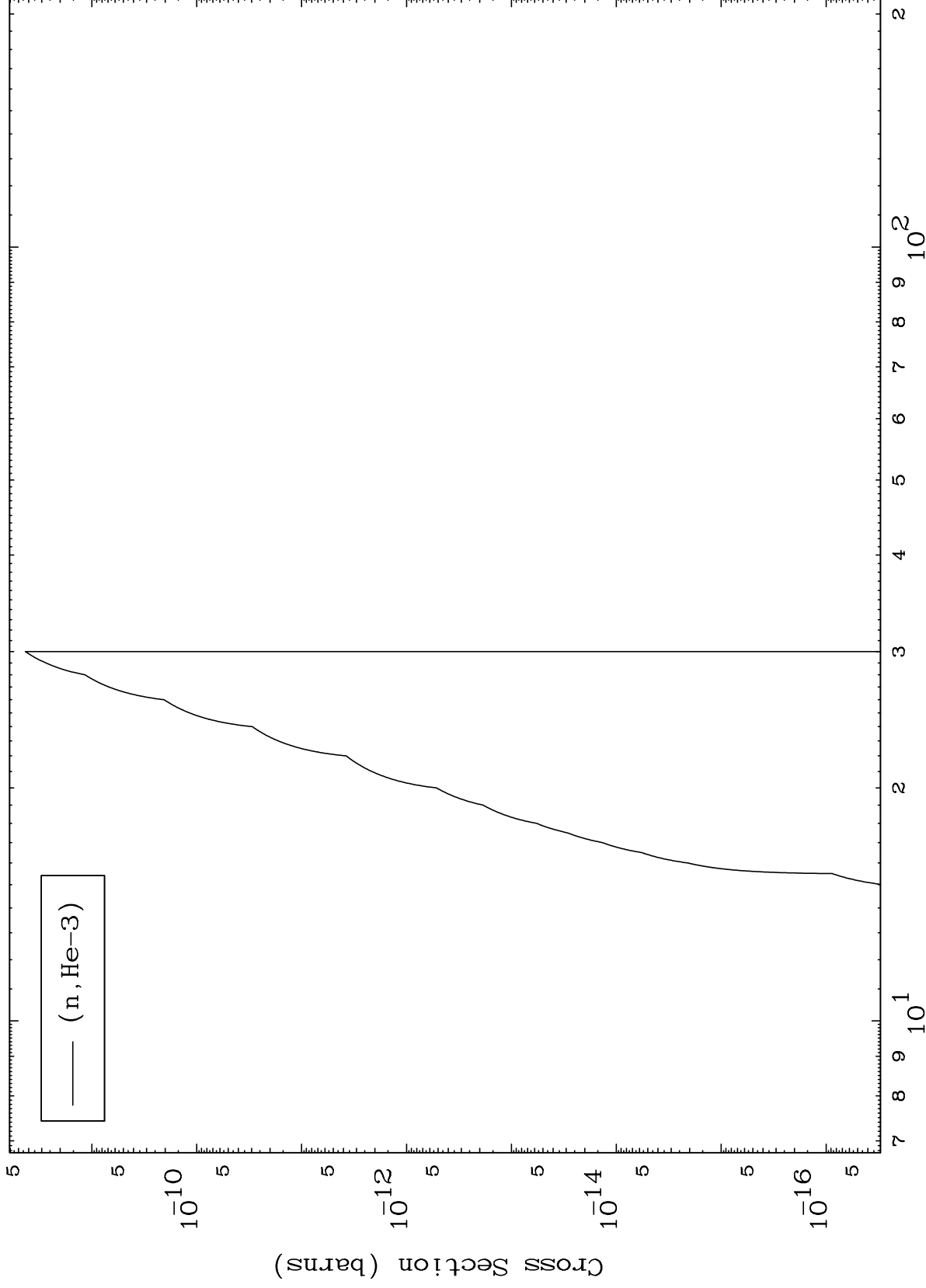
Incident Energy (MeV)

83-Bi-195

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

83-Bi-195



(n, He-3)

10

Incident Energy (MeV)

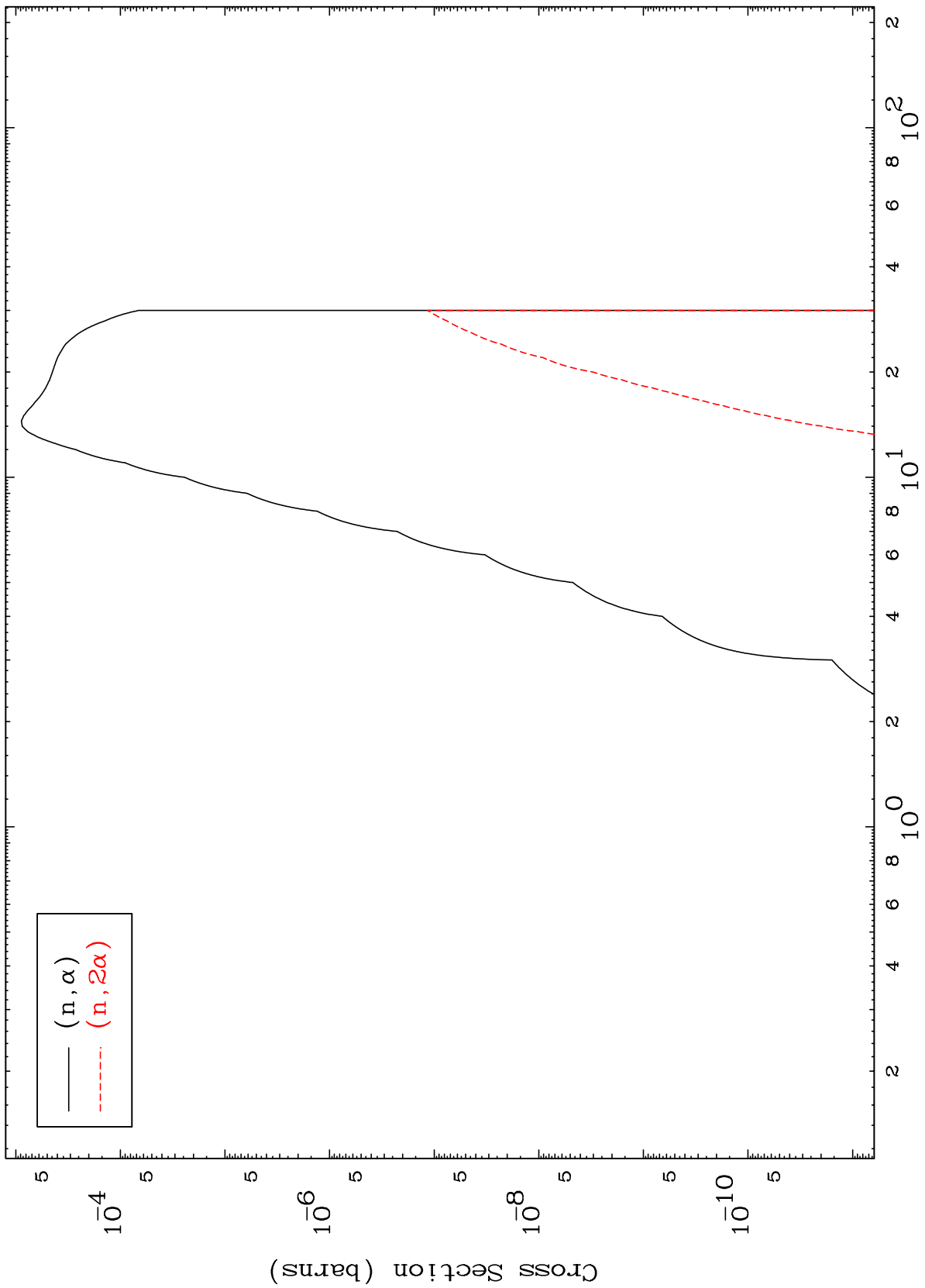
83-Bi-195

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( $\gamma, \alpha$ ) Levels

83-Bi-195

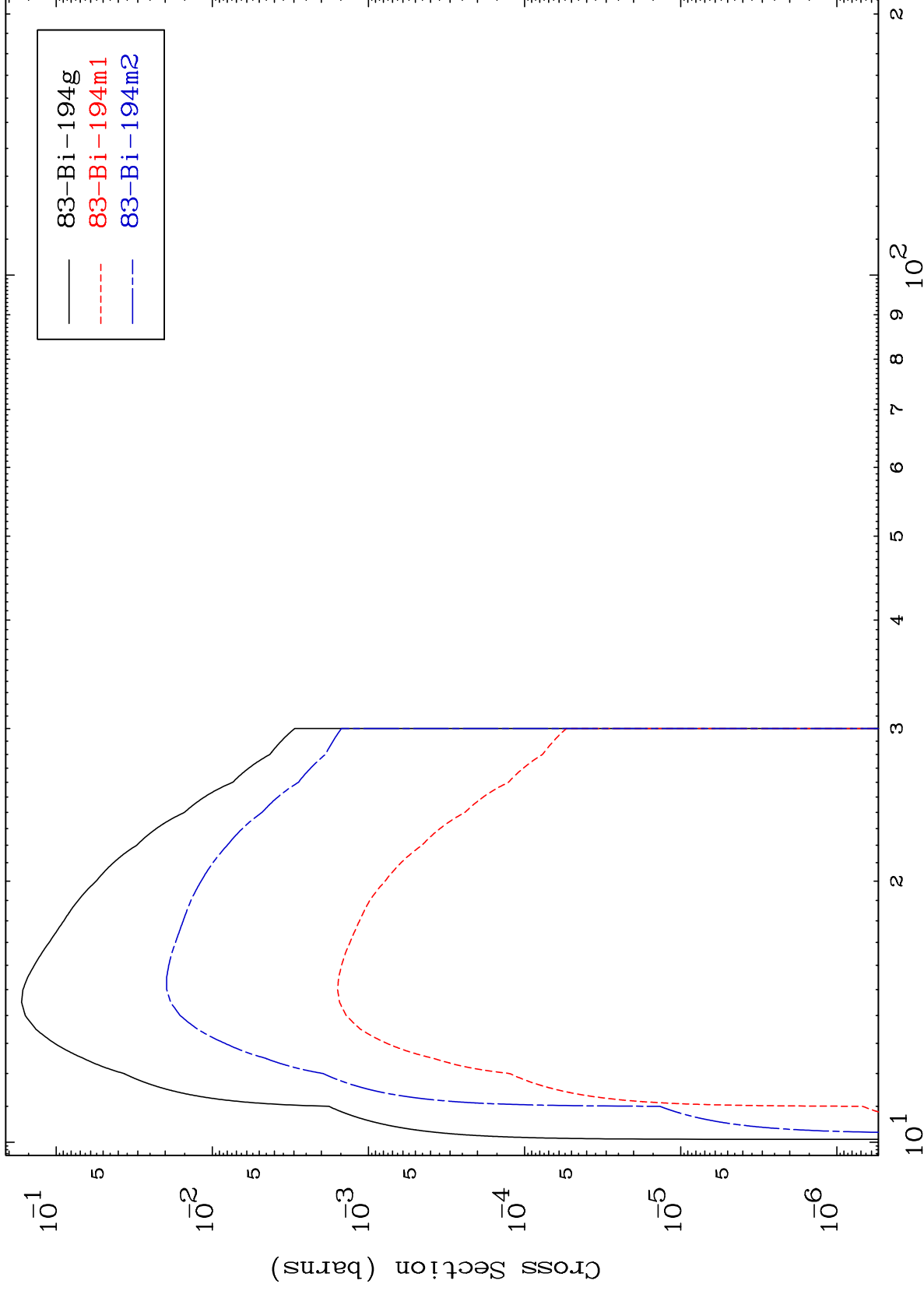
0 Kelvin Cross Sections



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Inelastic  
Radionuclide Production Cross Section

83-Bi-195



Incident Energy (MeV)

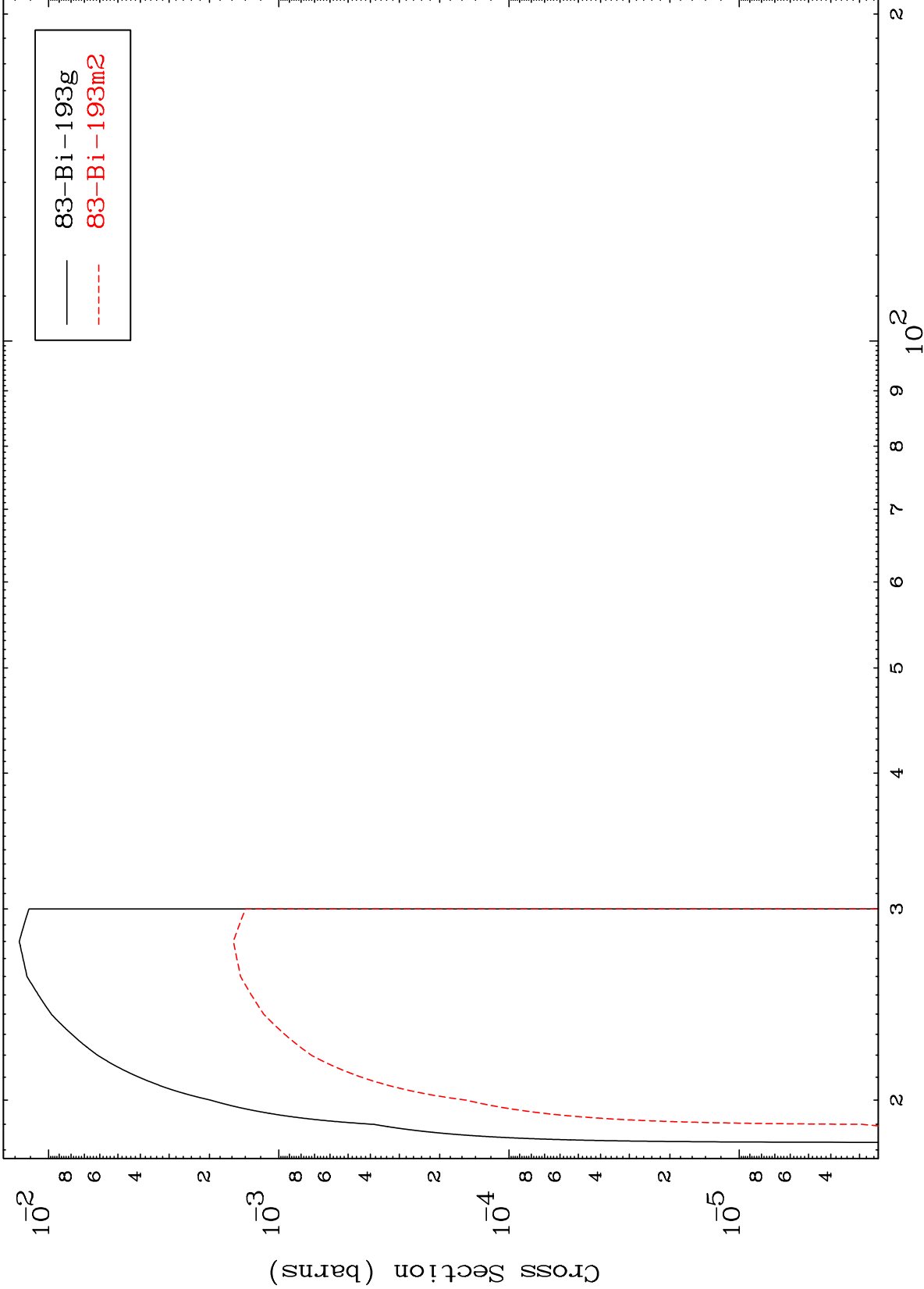
83-Bi-195

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(n,2n)

83-Bi-195

Radionuclide Production Cross Section



13

Incident Energy (MeV)

83-Bi-195

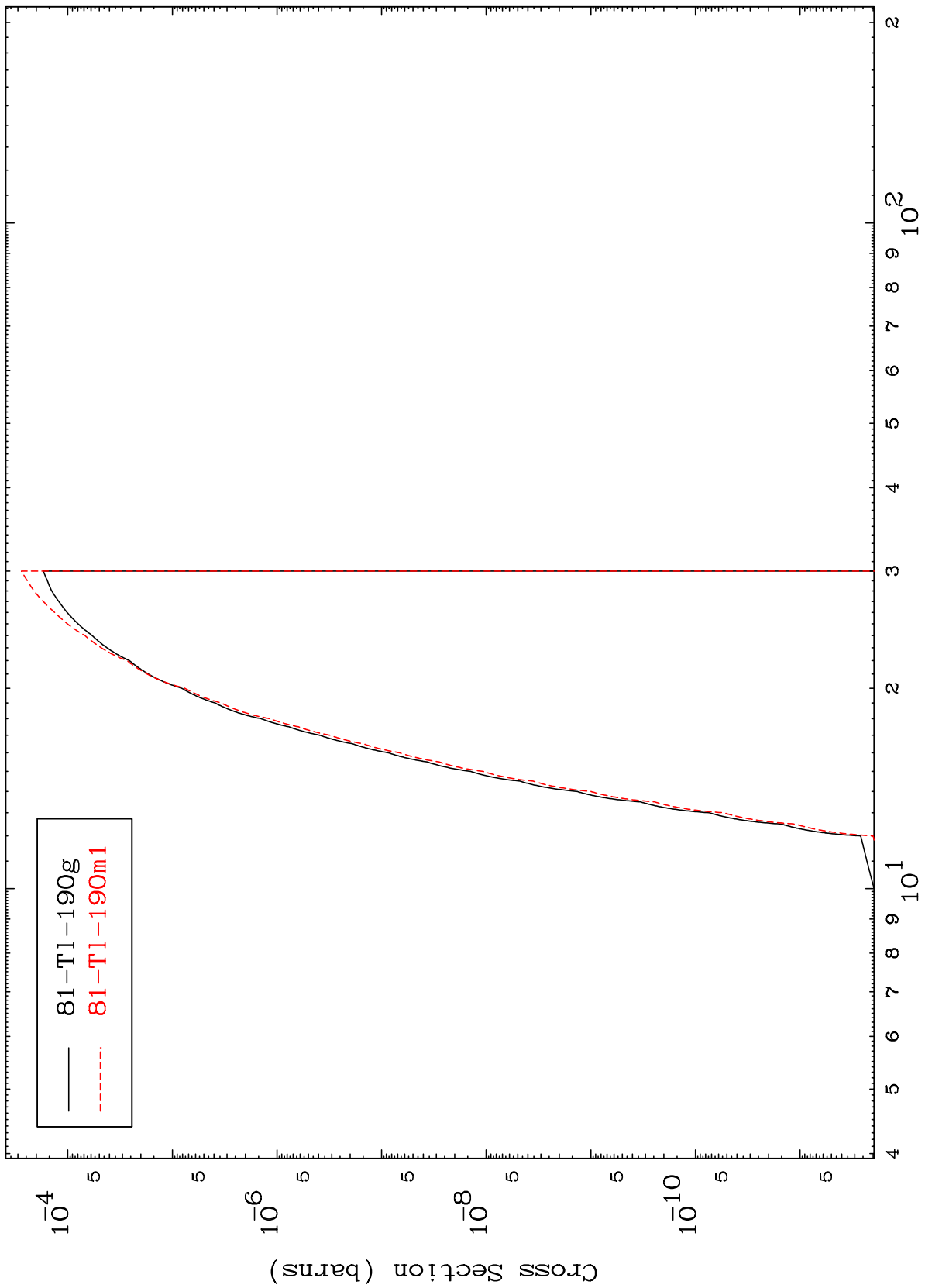


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$(n, n') \alpha$

83-Bi-195

Radionuclide Production Cross Section



15

Incident Energy (MeV)

83-Bi-195

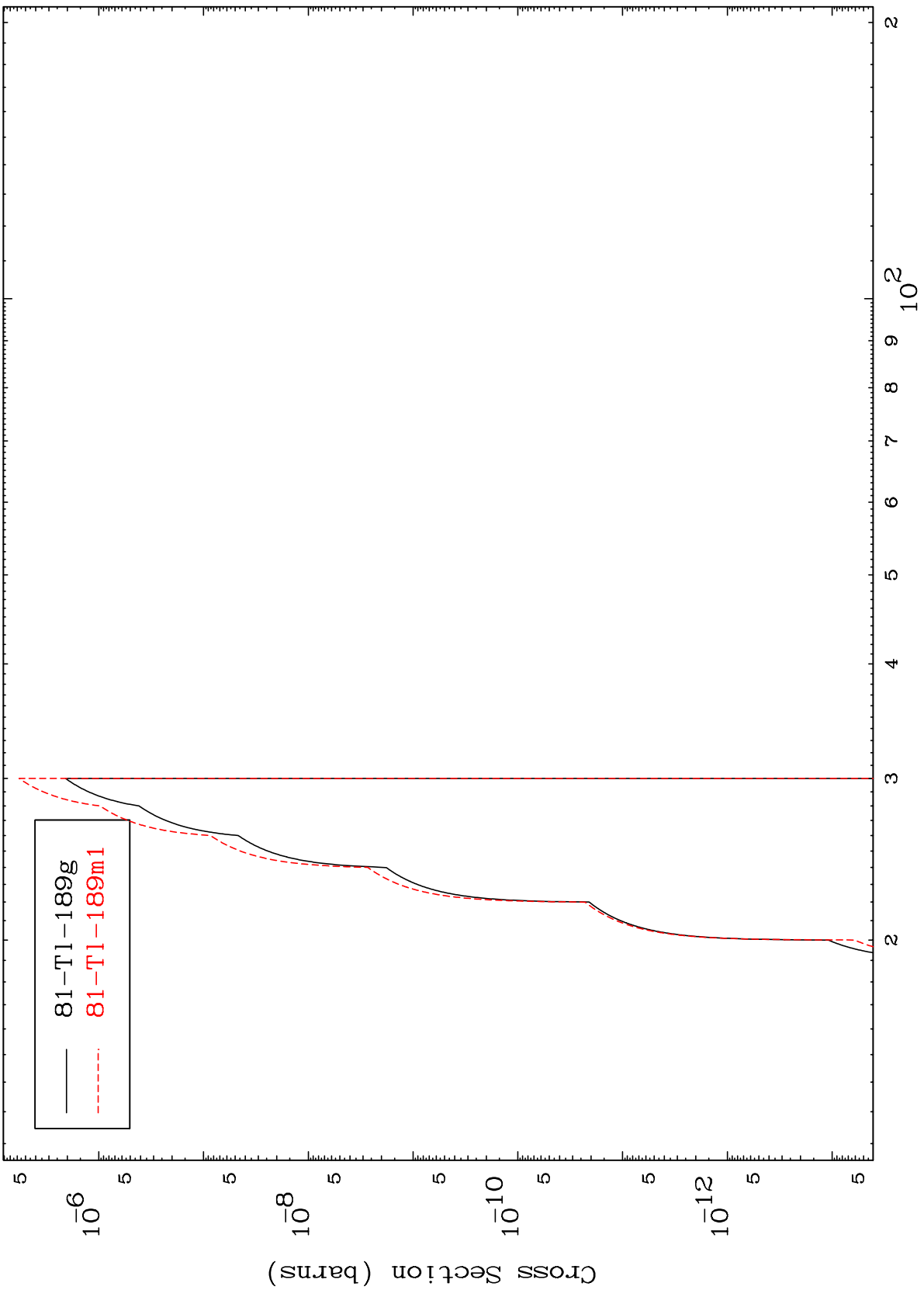


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(n,2n)  $\alpha$

83-Bi-195

Radionuclide Production Cross Section

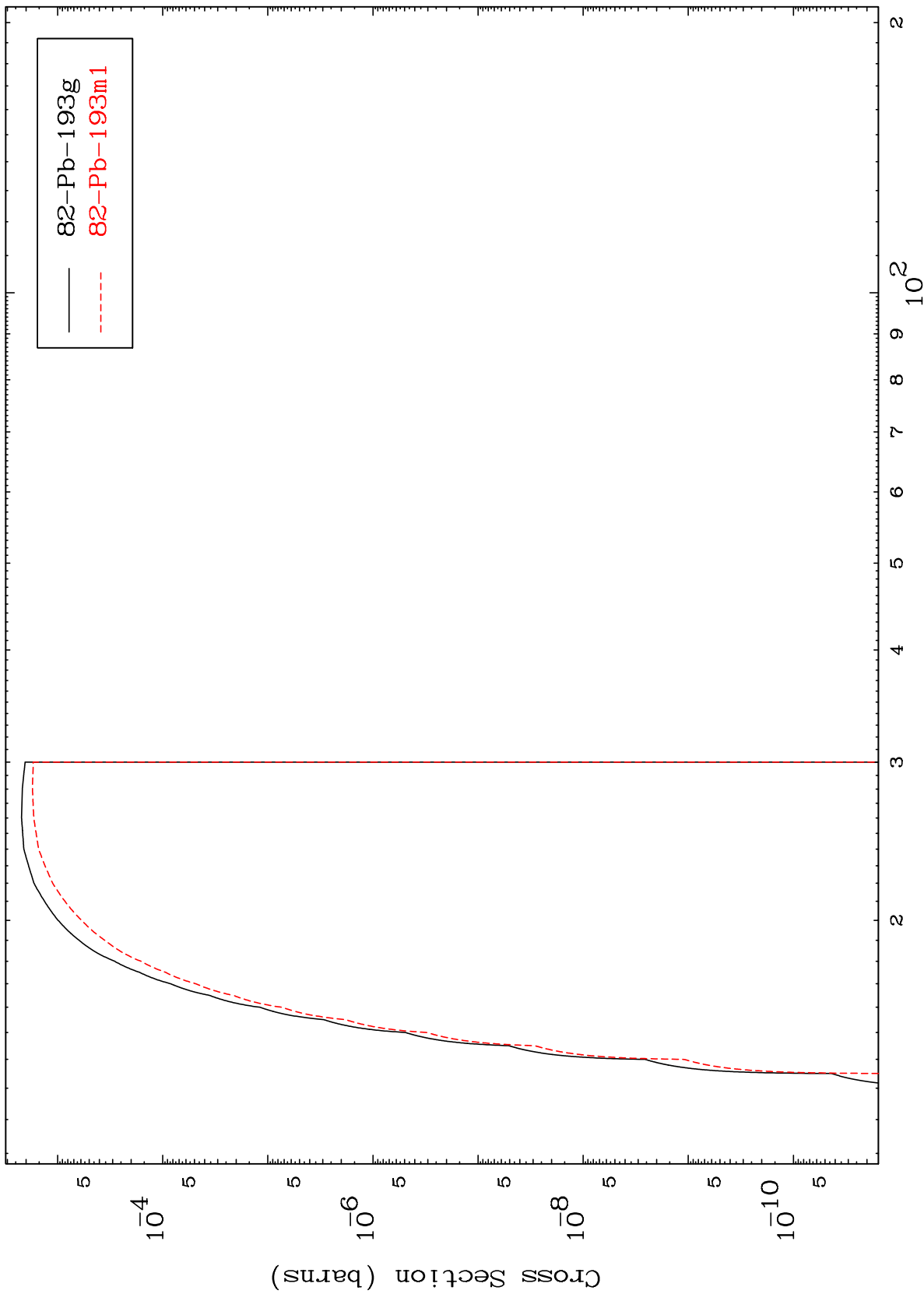


16

Incident Energy (MeV)

83-Bi-195

Radionuclide Production Cross Section

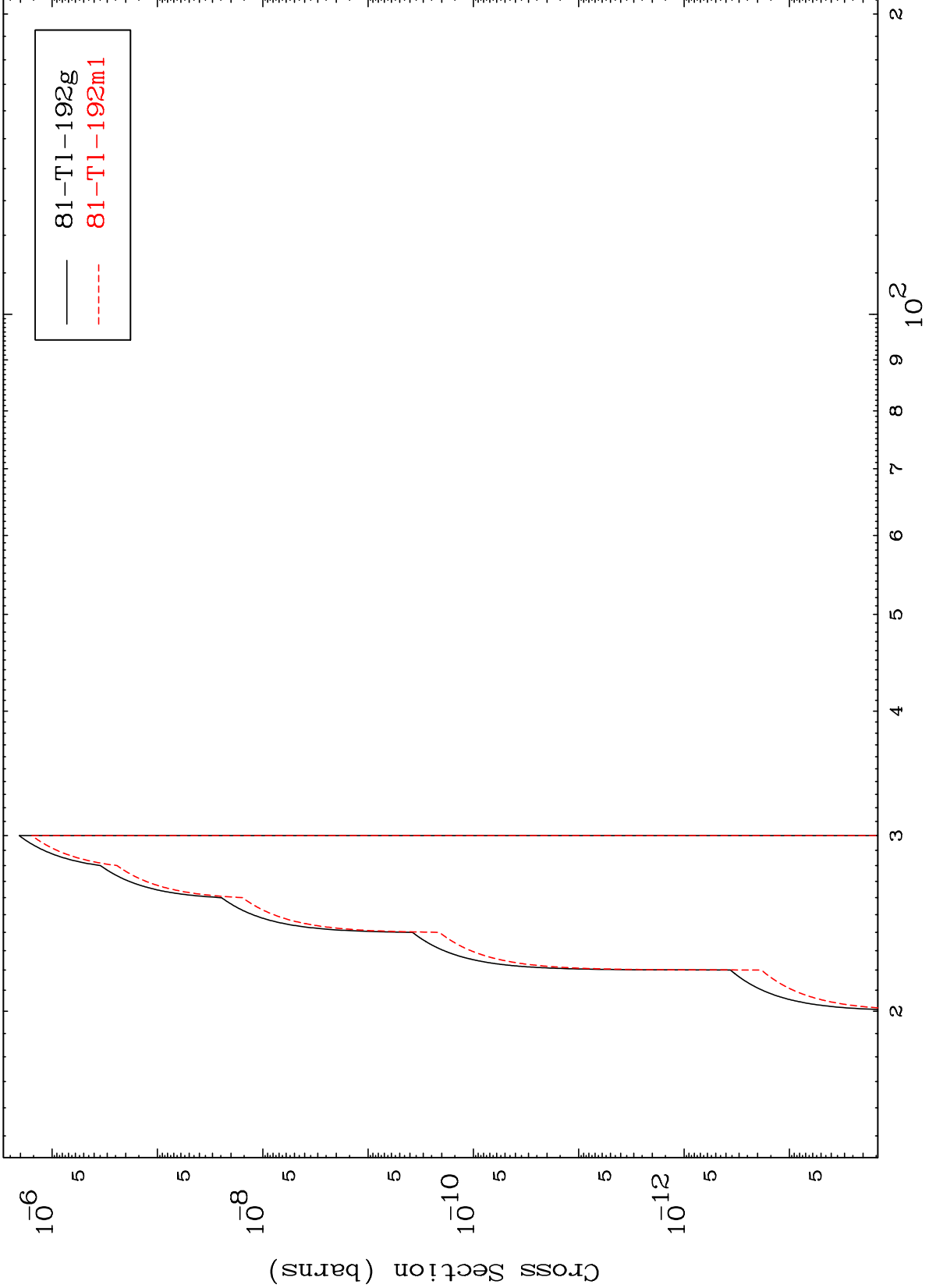


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(n,2n) p

83-Bi-195

Radionuclide Production Cross Section



18

Incident Energy (MeV)

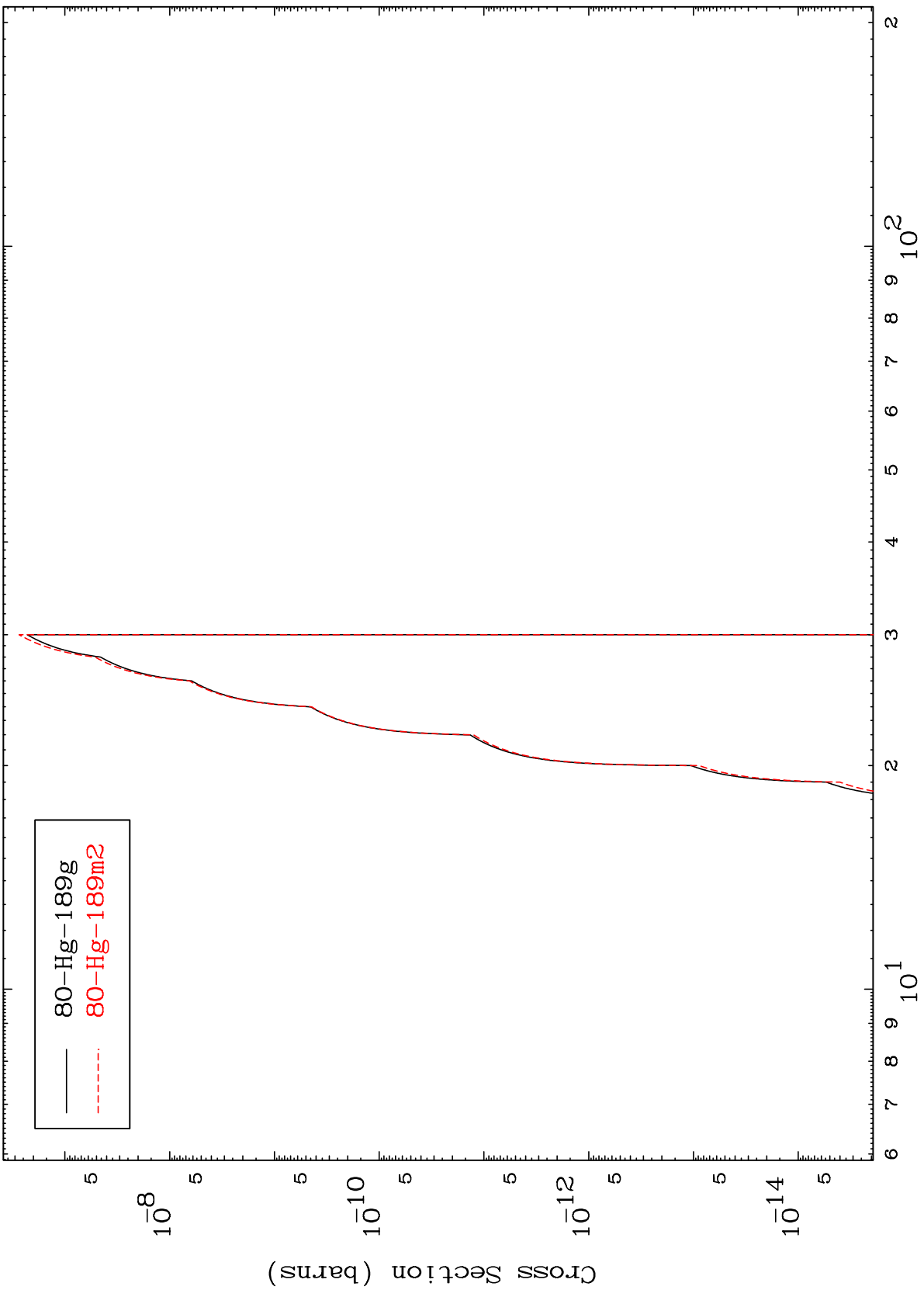
83-Bi-195

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(n,n') p  $\alpha$

83-Bi-195

Radionuclide Production Cross Section



80-Hg-189g  
80-Hg-189m2

19

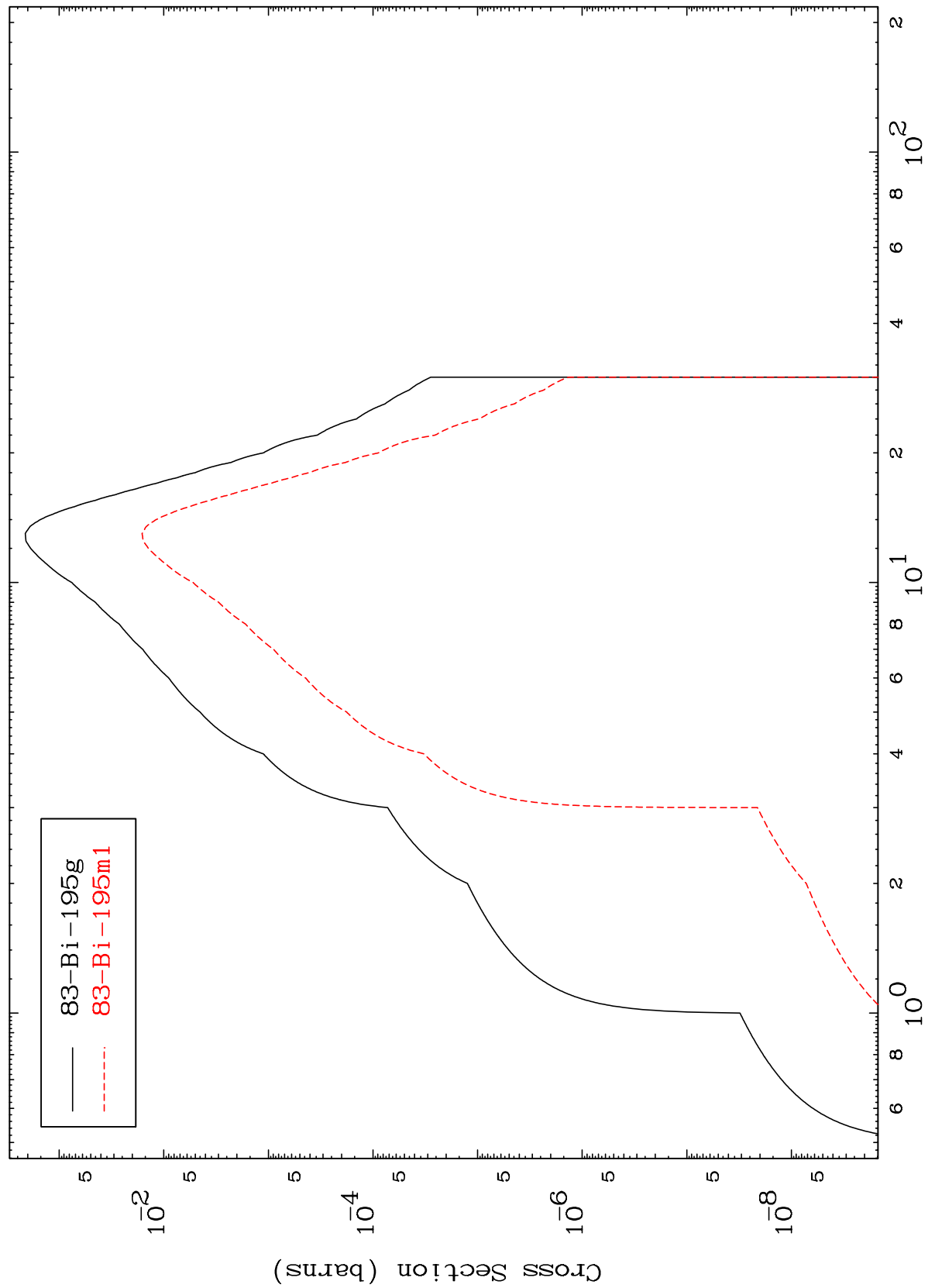
Incident Energy (MeV)

83-Bi-195

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83-Bi-195

Radionuclide Production Cross Section  
(n,γ)



83-Bi-195g  
83-Bi-195m1

20

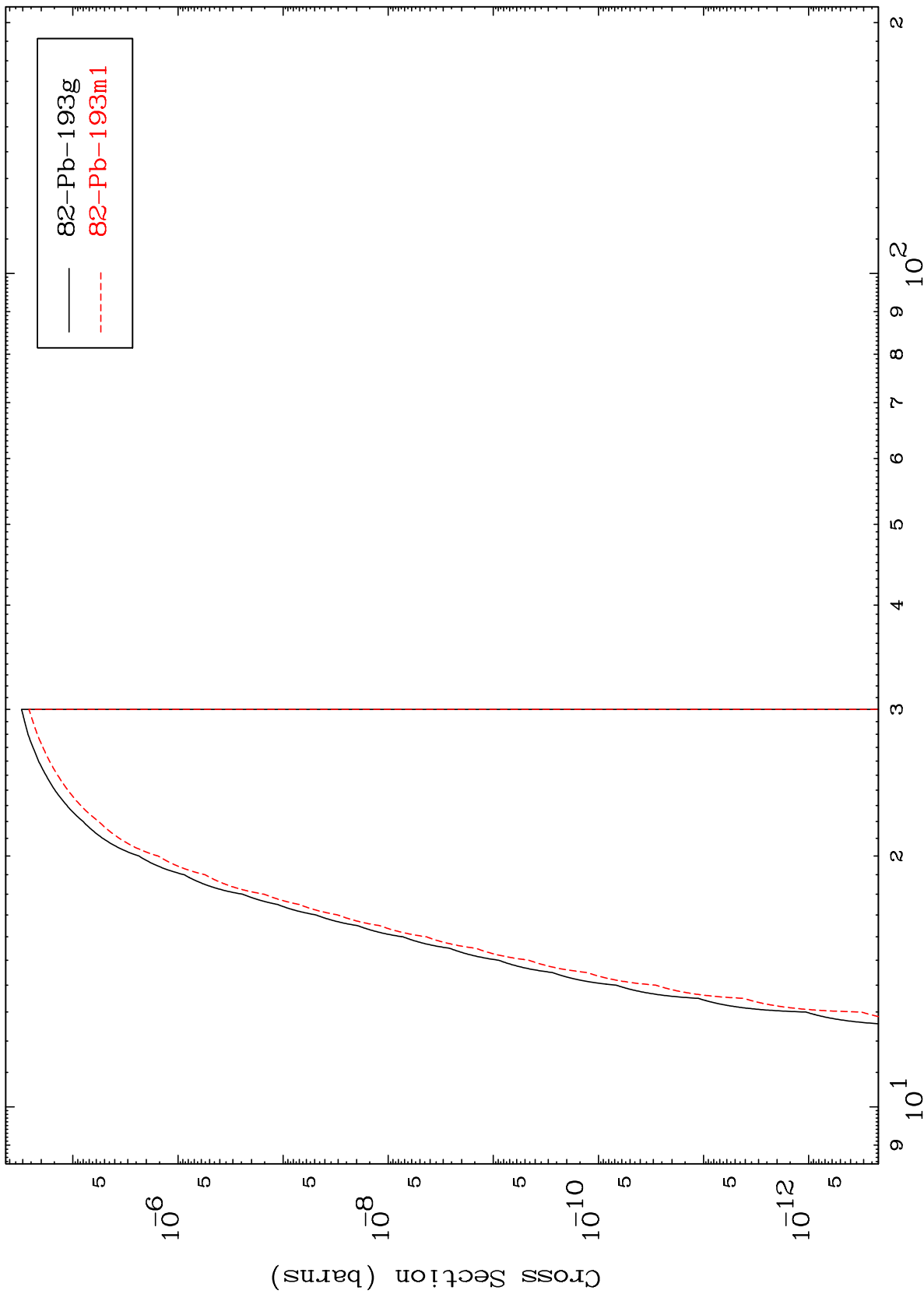
Incident Energy (MeV)

83-Bi-195

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83-Bi-195

(n,d)  
Radionuclide Production Cross Section



21

Incident Energy (MeV)

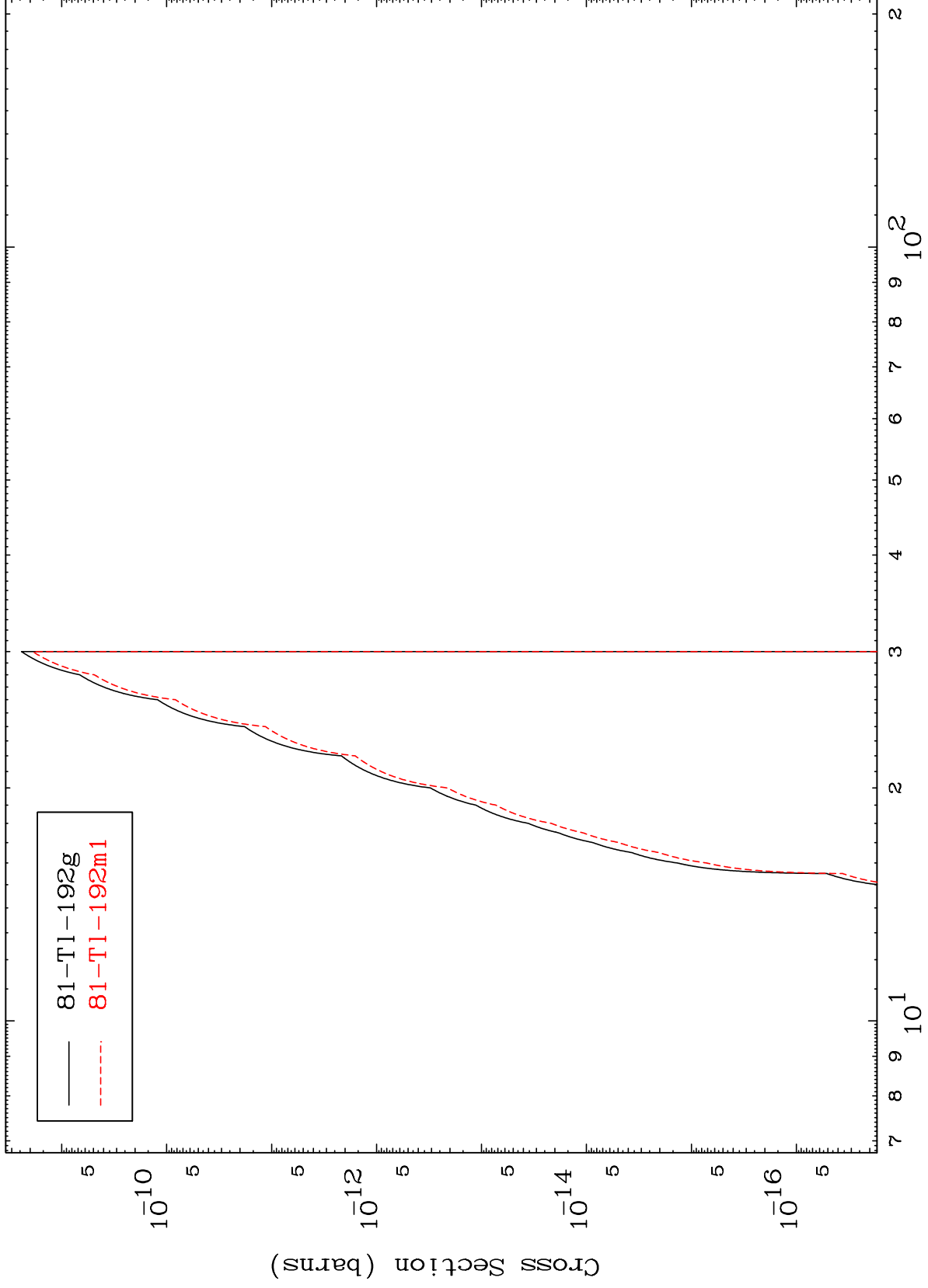
83-Bi-195

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(n,He-3)

83-Bi-195

Radionuclide Production Cross Section



81-Tl-192g  
81-Tl-192m1

22

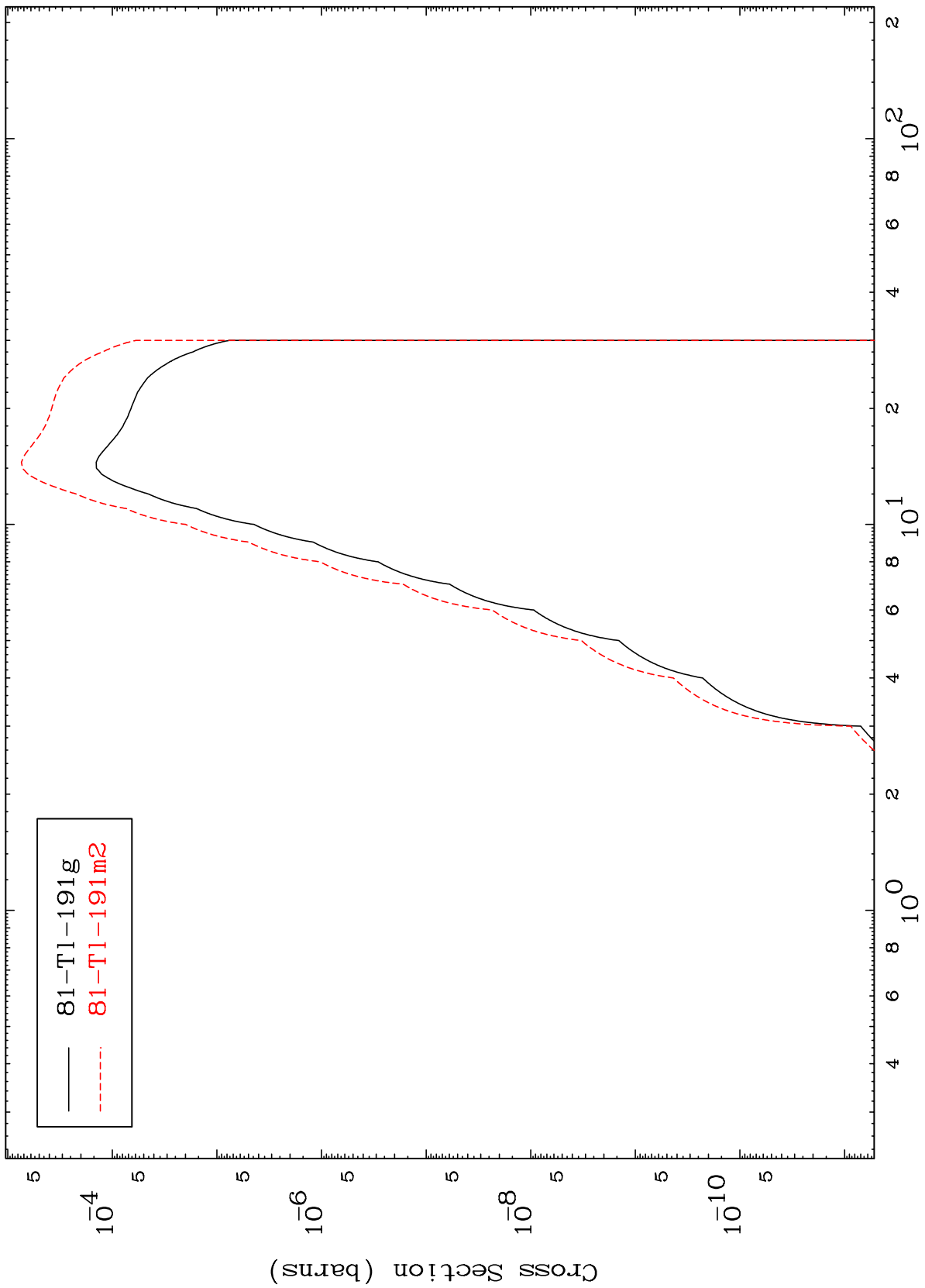
Incident Energy (MeV)

83-Bi-195

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83-Bi-195

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



83-Bi-195

Incident Energy (MeV)

23

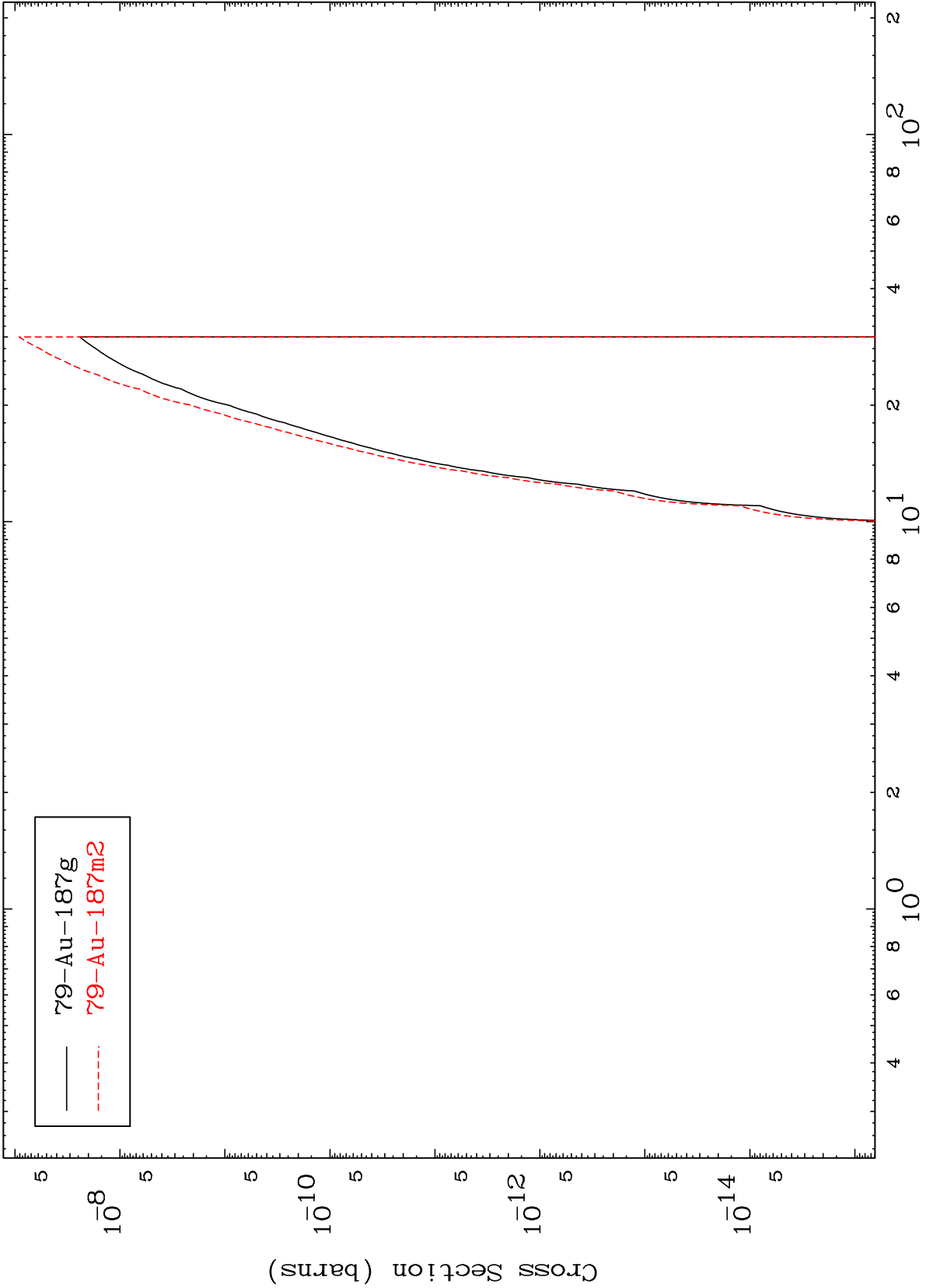


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(n,2α)

83-Bi-195

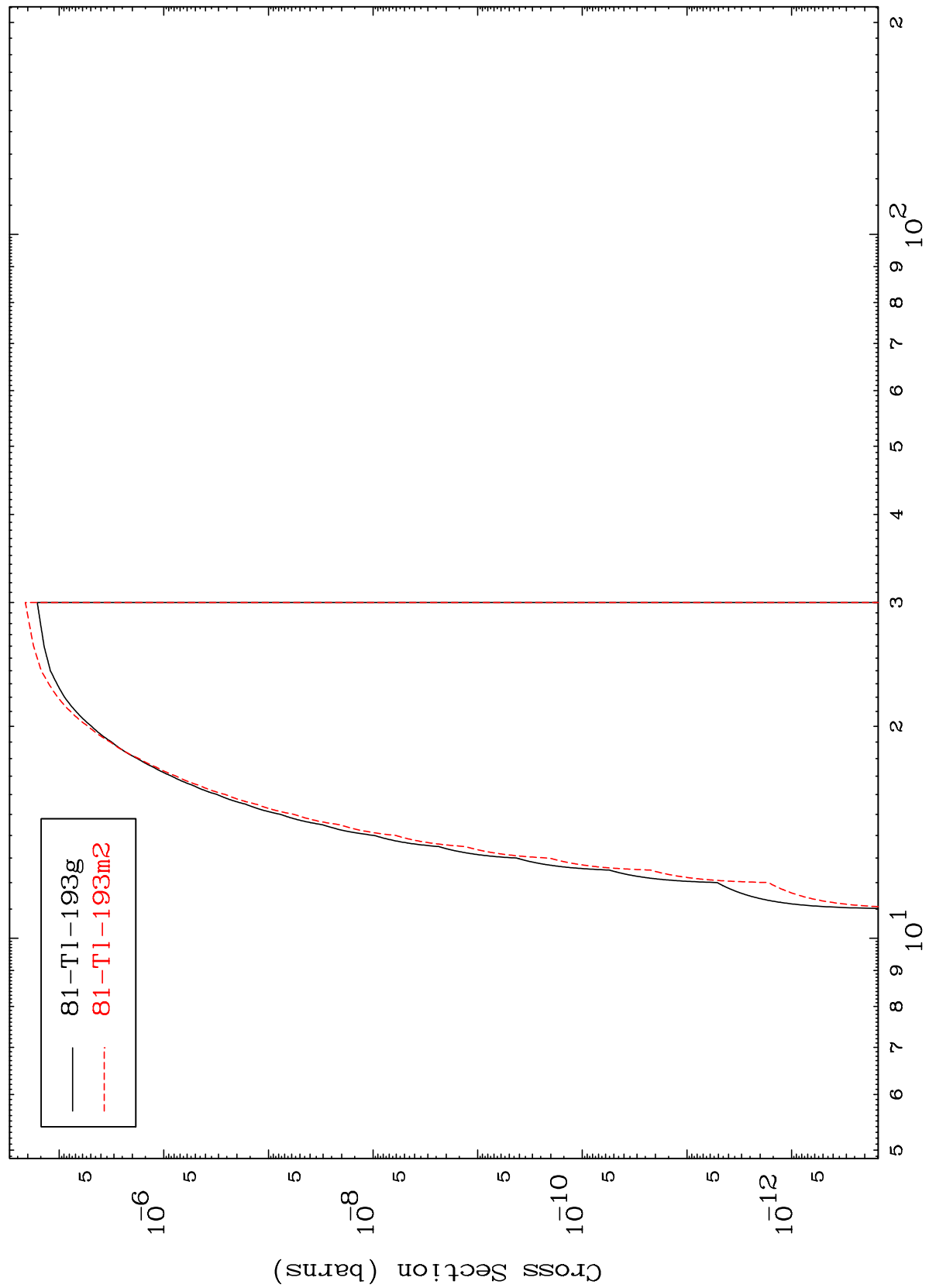
Radionuclide Production Cross Section



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83-Bi-195

(n,2p)  
Radionuclide Production Cross Section



81-Tl-193g  
81-Tl-193m2

25

Incident Energy (MeV)

83-Bi-195

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(n,p) d

83-Bi-195

Radionuclide Production Cross Section

