

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

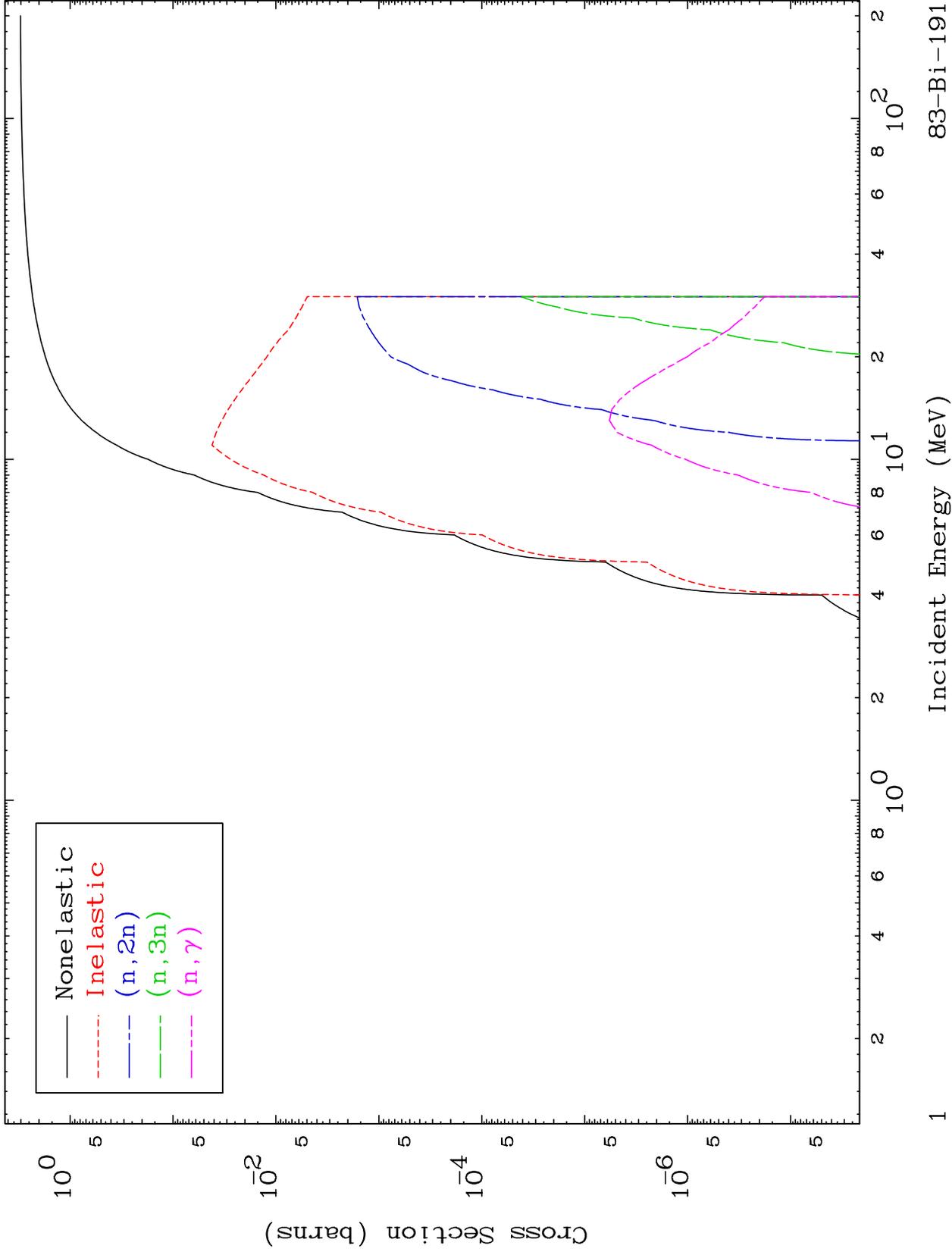
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

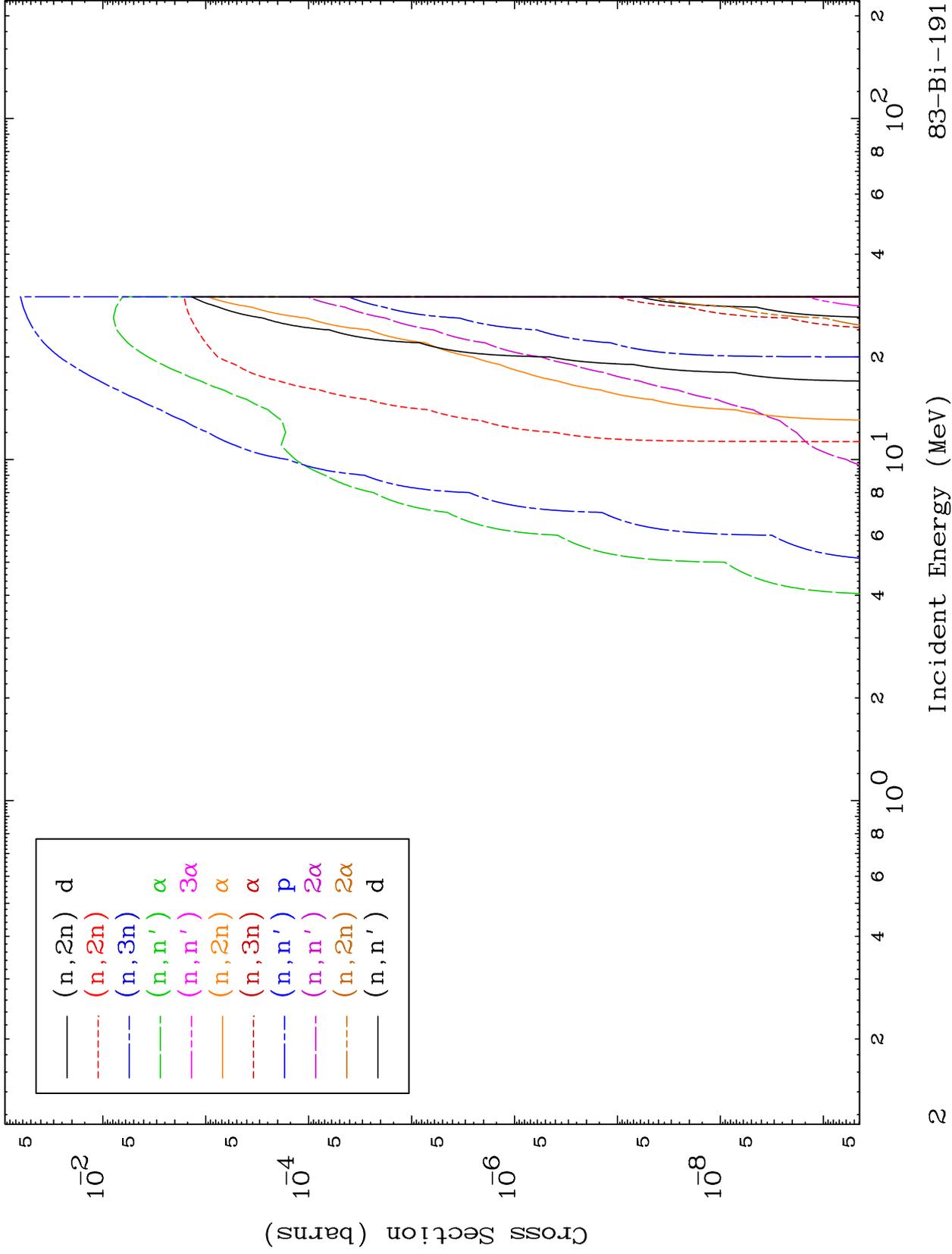
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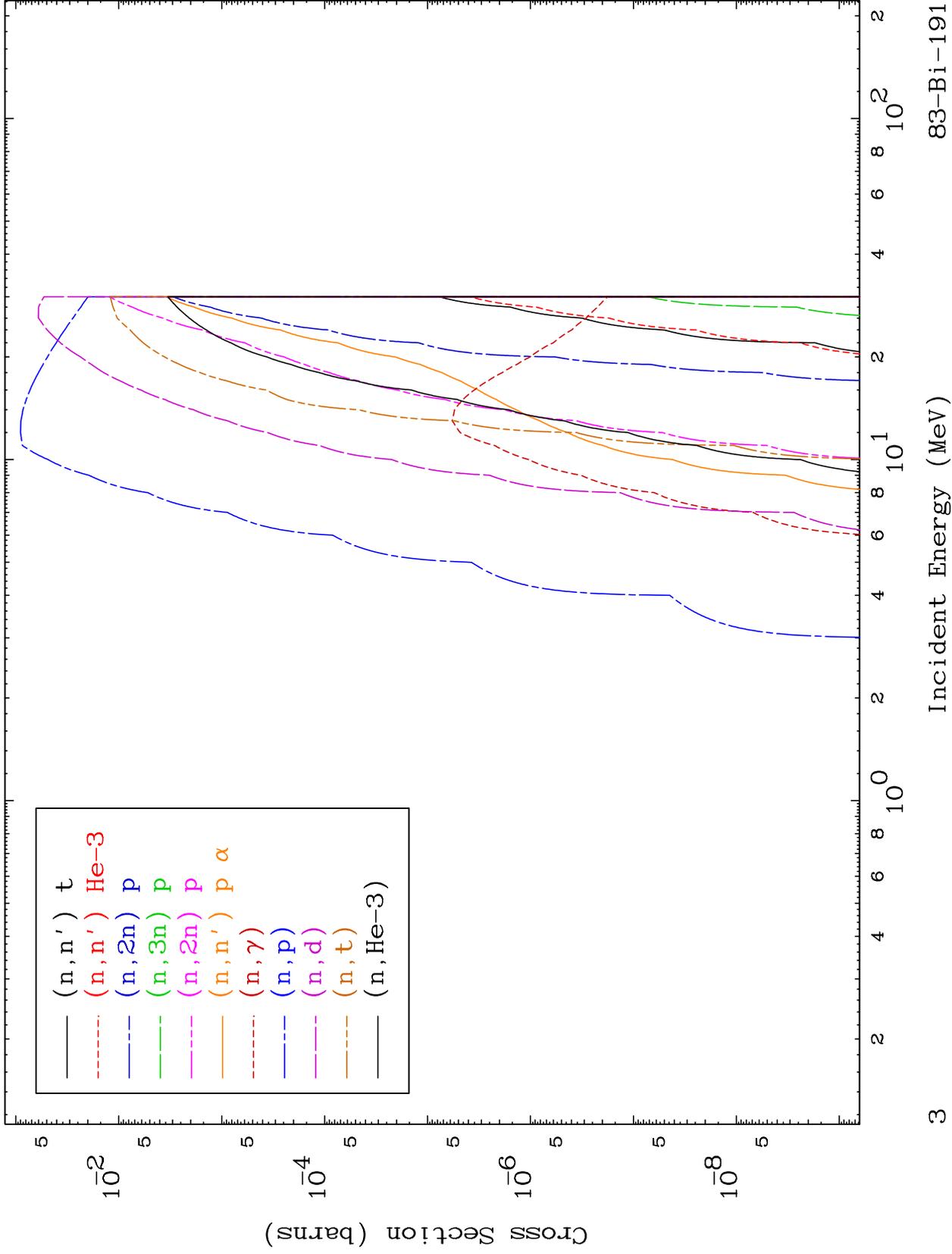
E.Mail:redcullen1@comcast.net

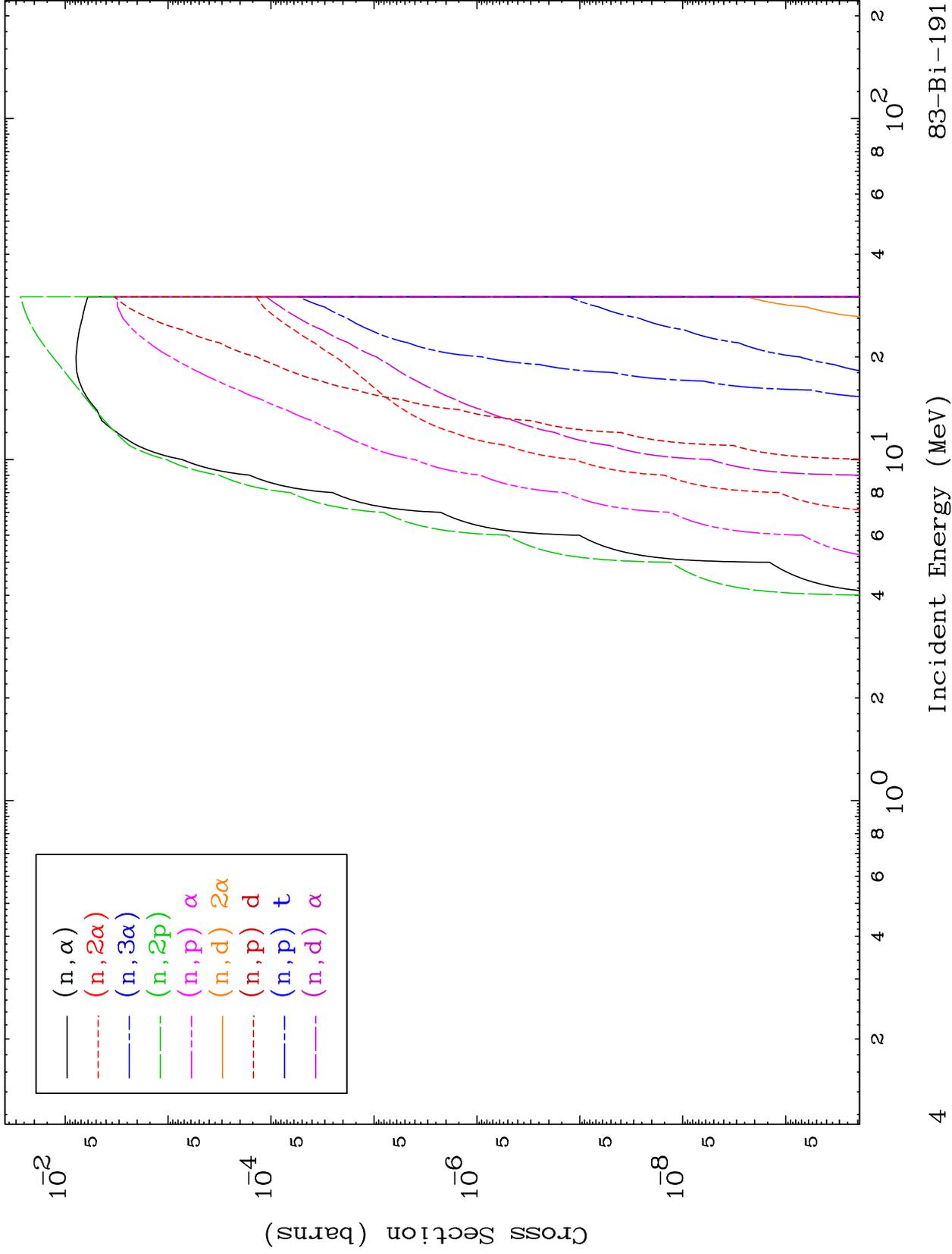
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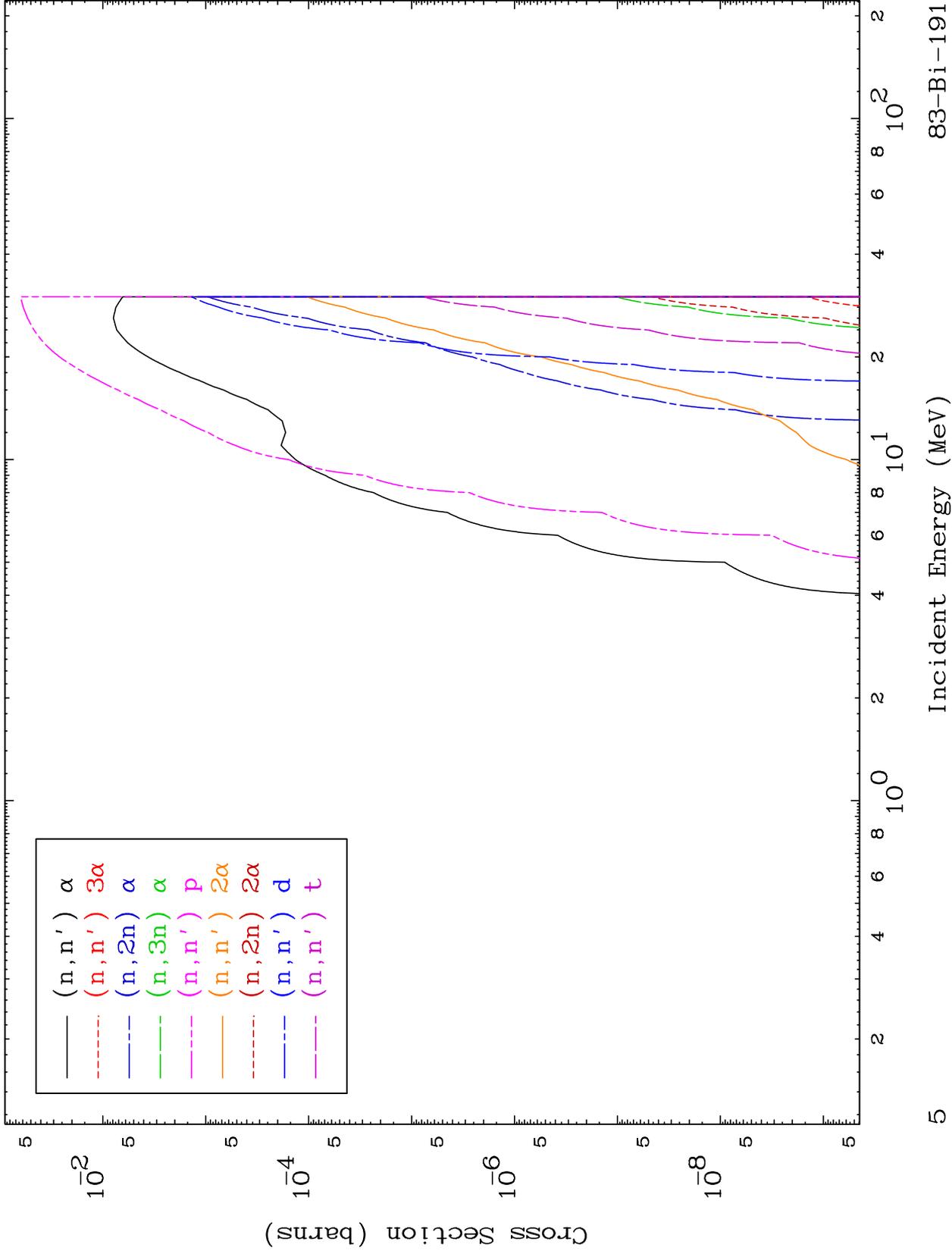
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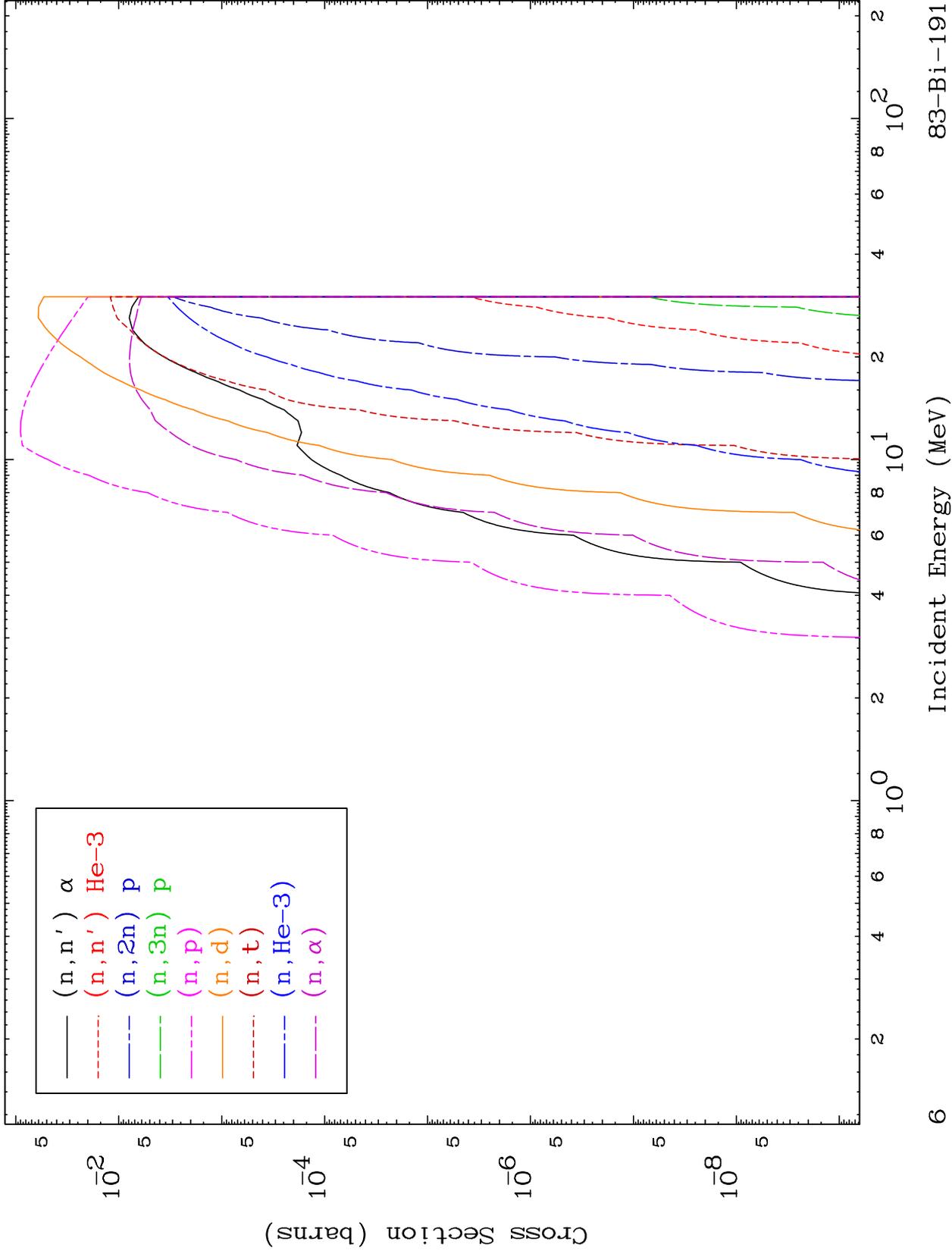


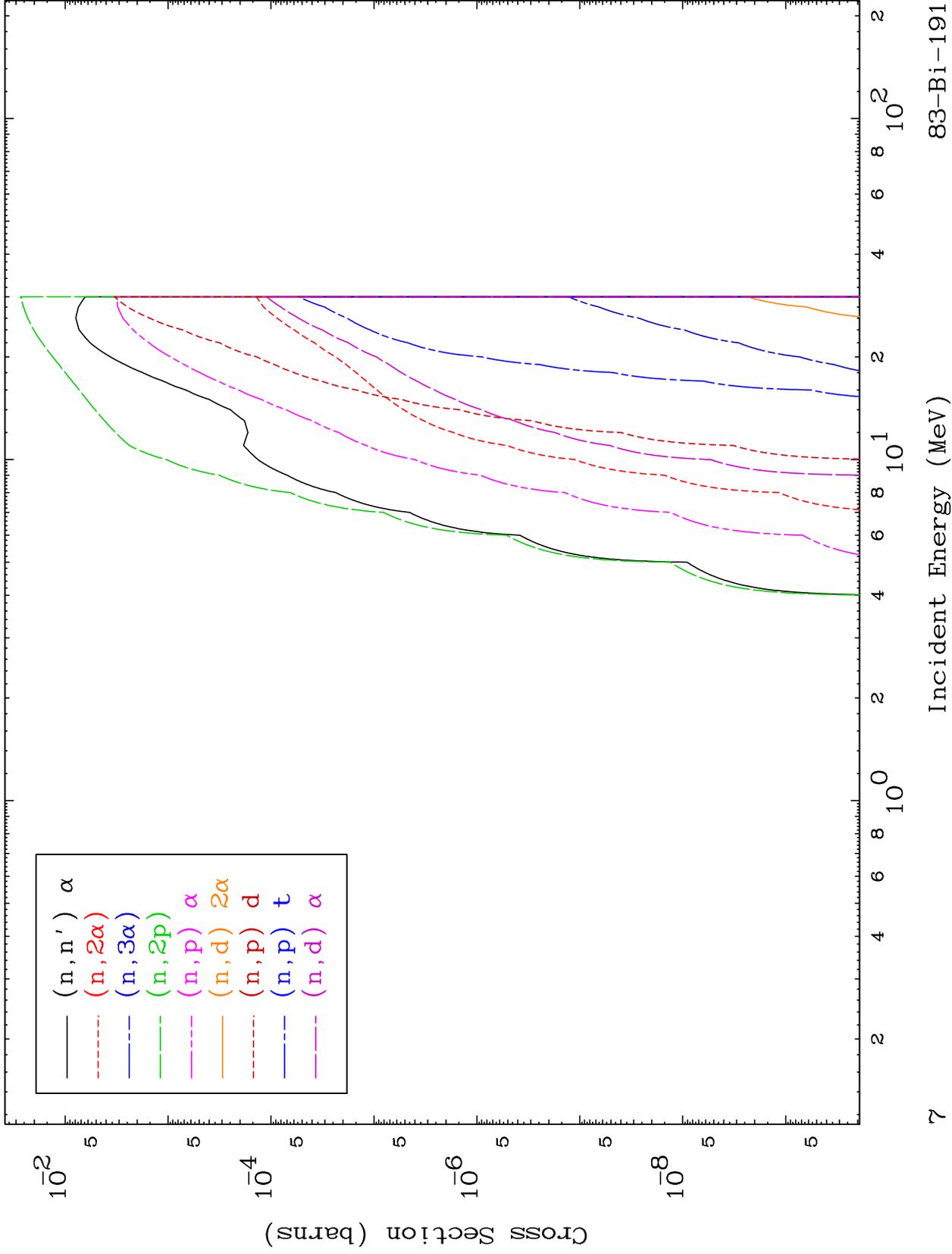










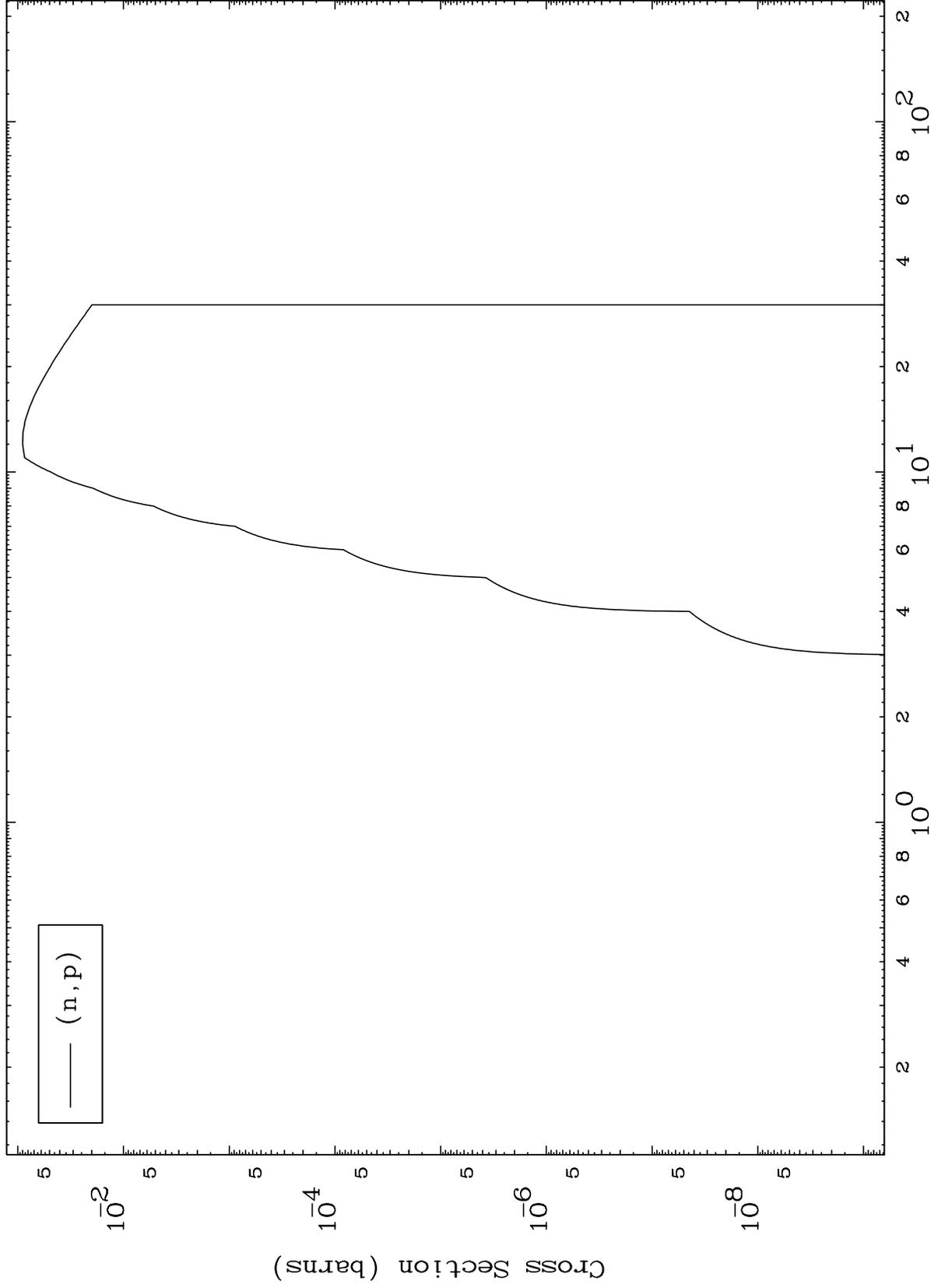


MAT 8271

(d,p) Levels

83-Bi-191

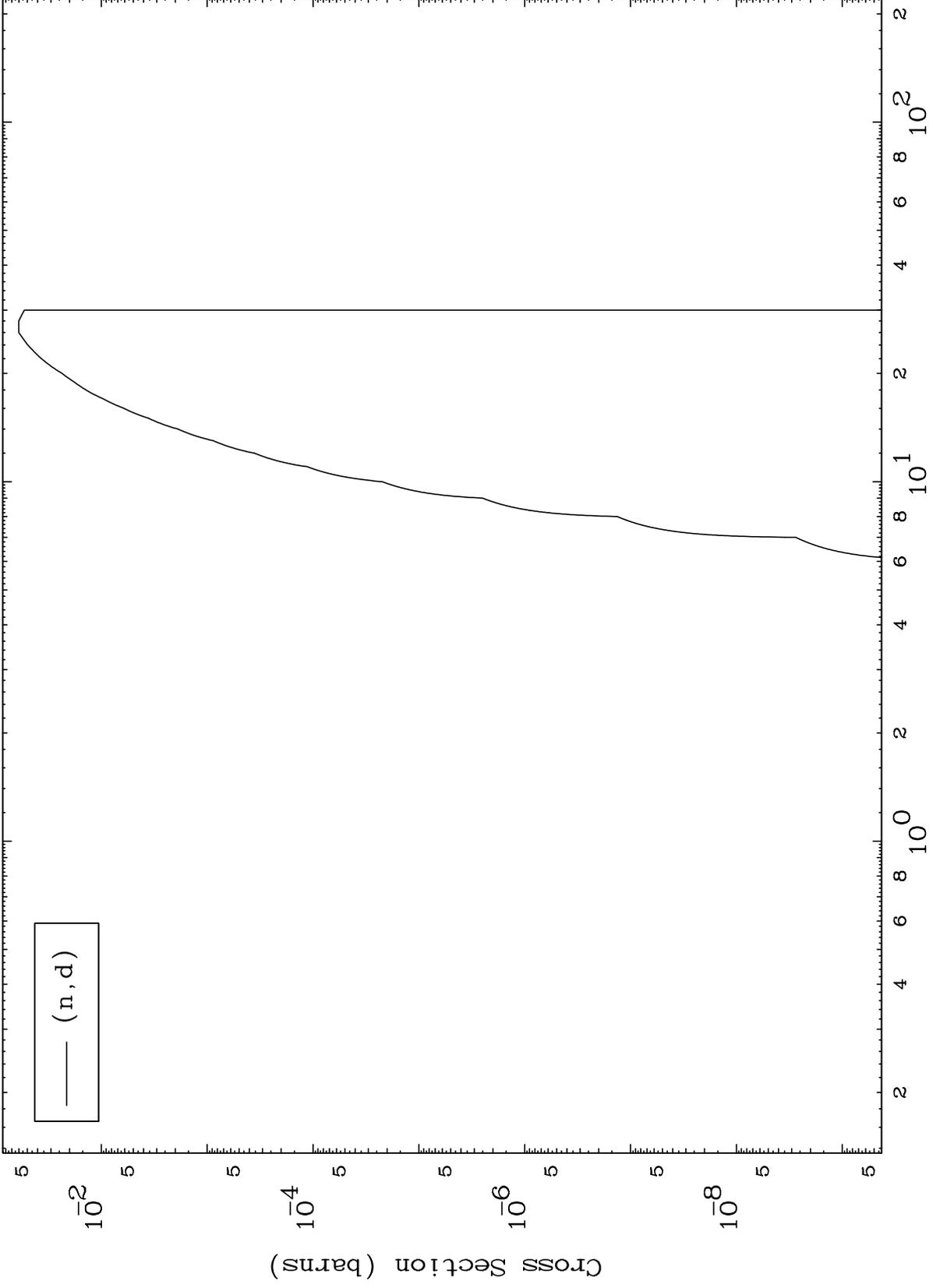
0 Kelvin Cross Sections



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(d,d) Levels  
0 Kelvin Cross Sections

83-Bi-191



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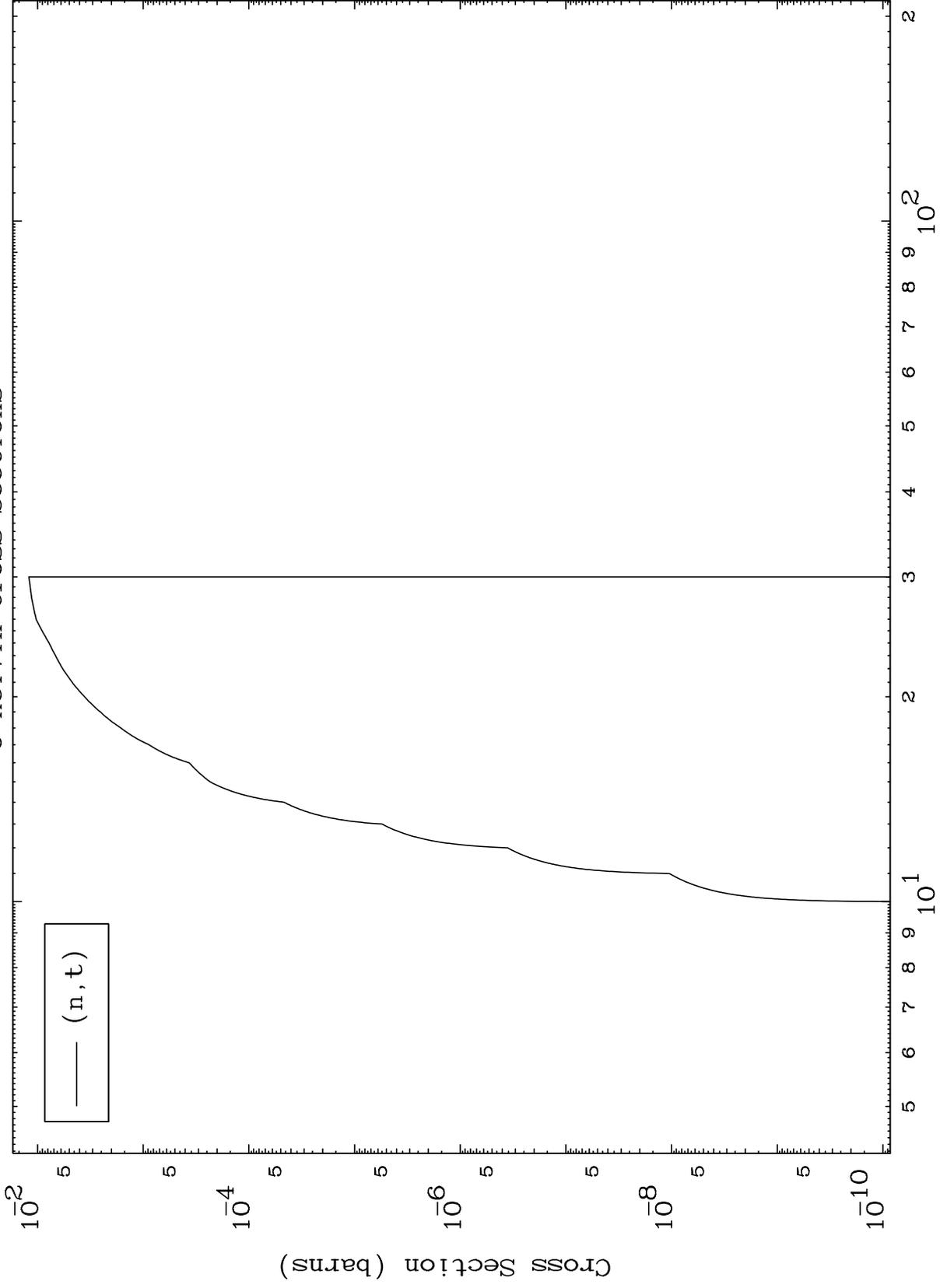
Incident Energy (MeV)

83-Bi-191

MAT 8271

83-Bi-191

(d,t) Levels  
0 Kelvin Cross Sections



10

Incident Energy (MeV)

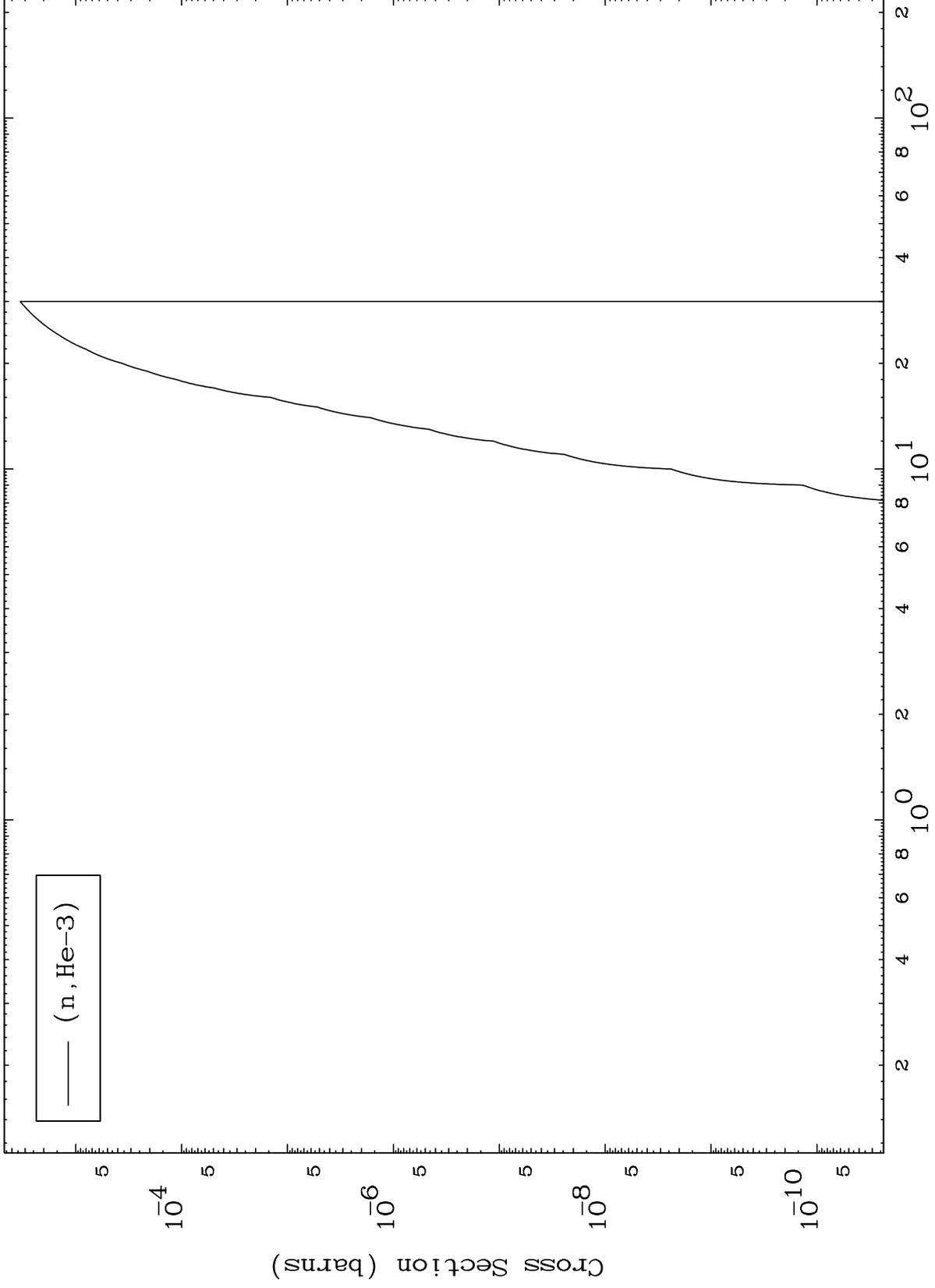
83-Bi-191

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(d,He3) Levels

83-Bi-191

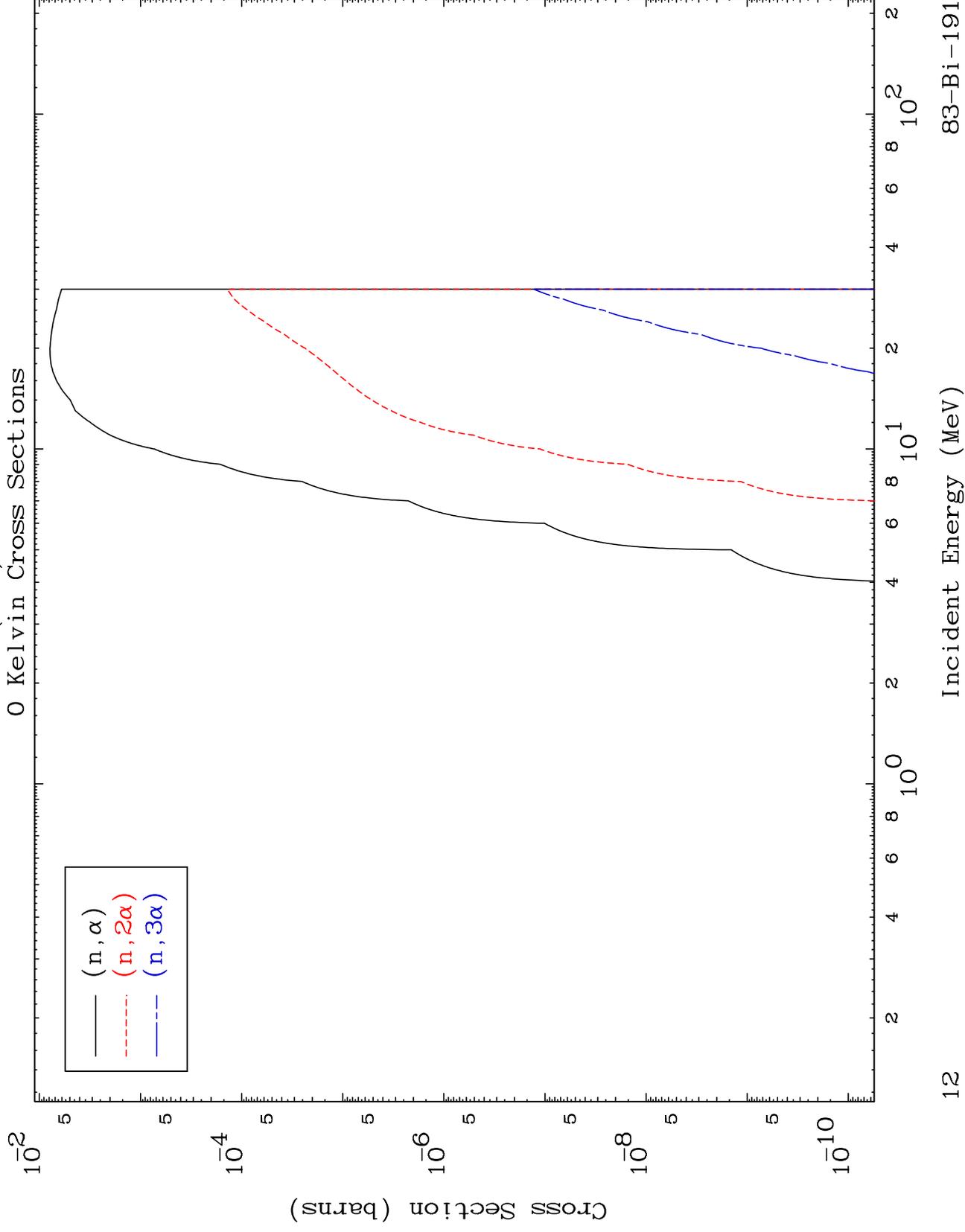
0 Kelvin Cross Sections



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(d,  $\alpha$ ) Levels

83-Bi-191

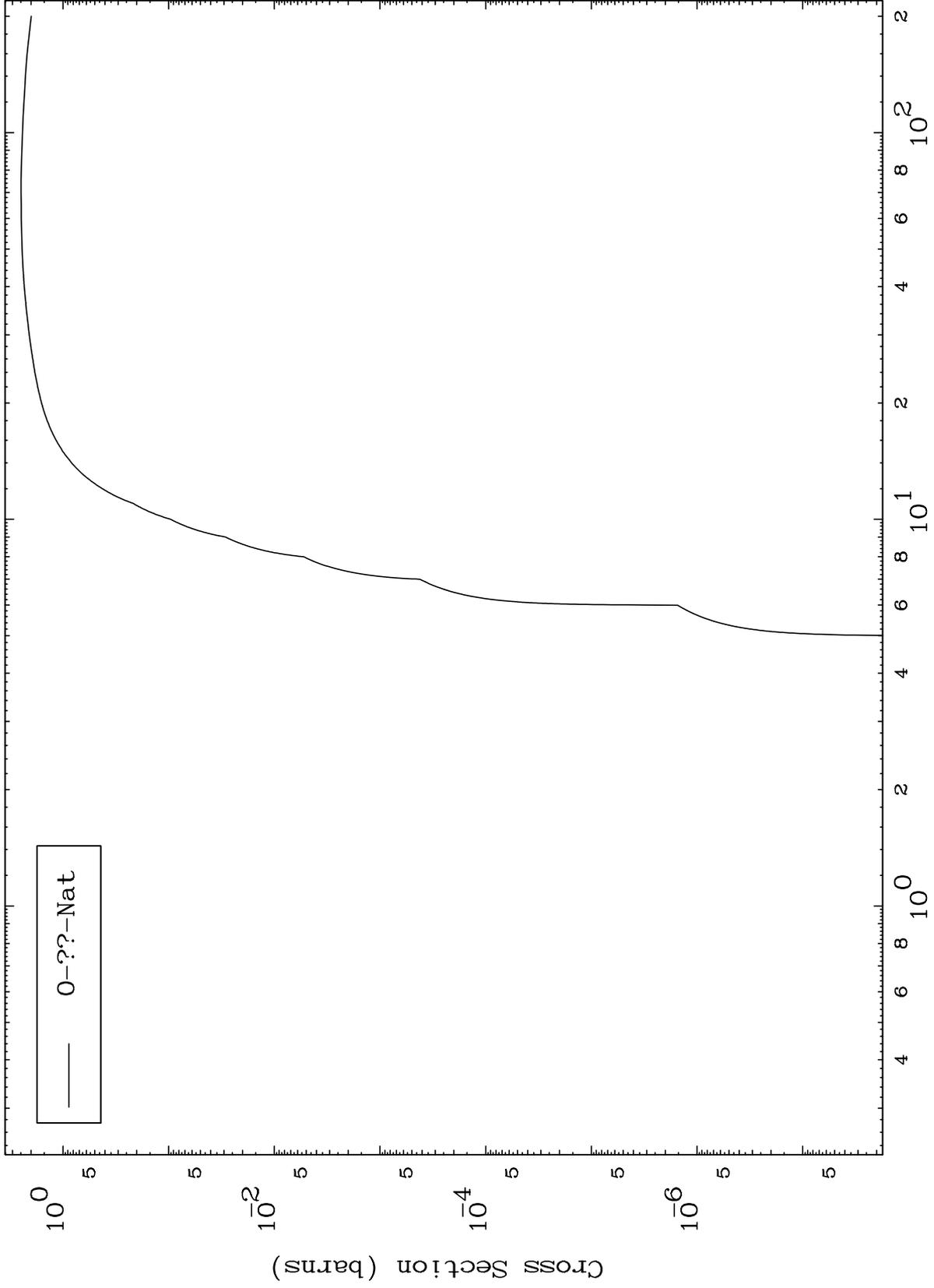


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83-Bi-191

Fission  
Radionuclide Production Cross Section

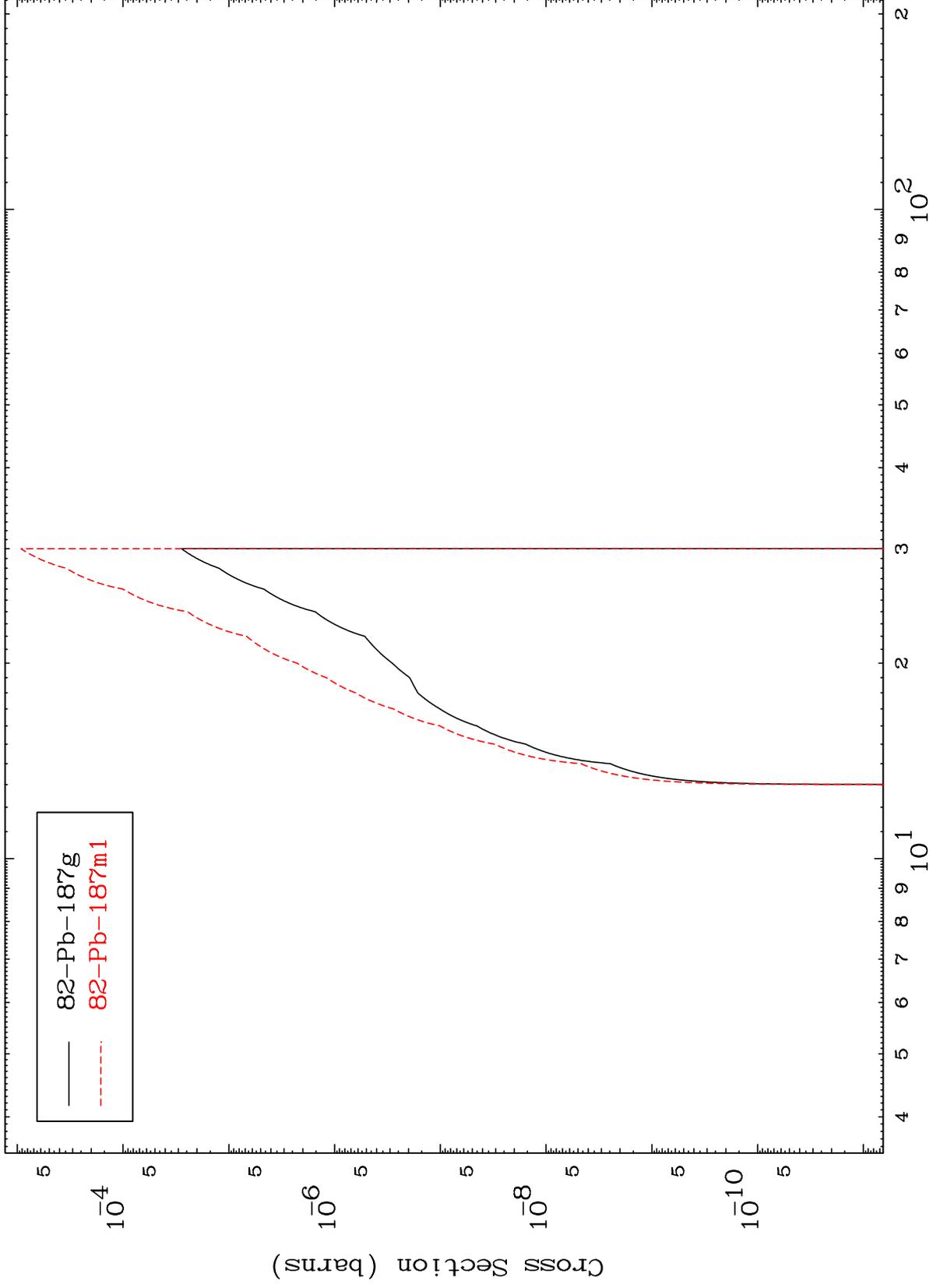


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$(n,2n) \alpha$

83-Bi-191

Radionuclide Production Cross Section



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Incident Energy (MeV)

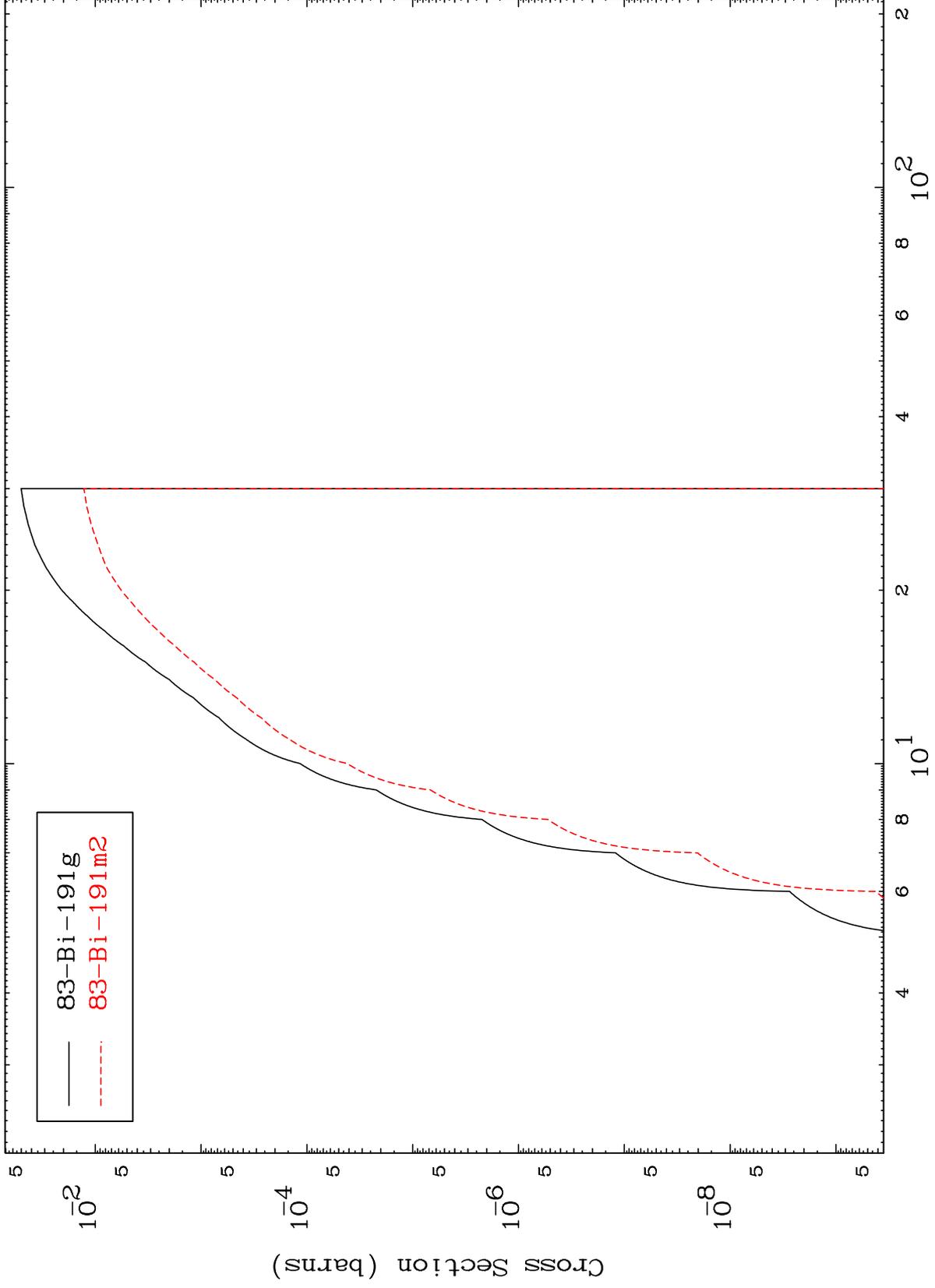
83-Bi-191

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83-Bi-191

(n,n') p

Radionuclide Production Cross Section



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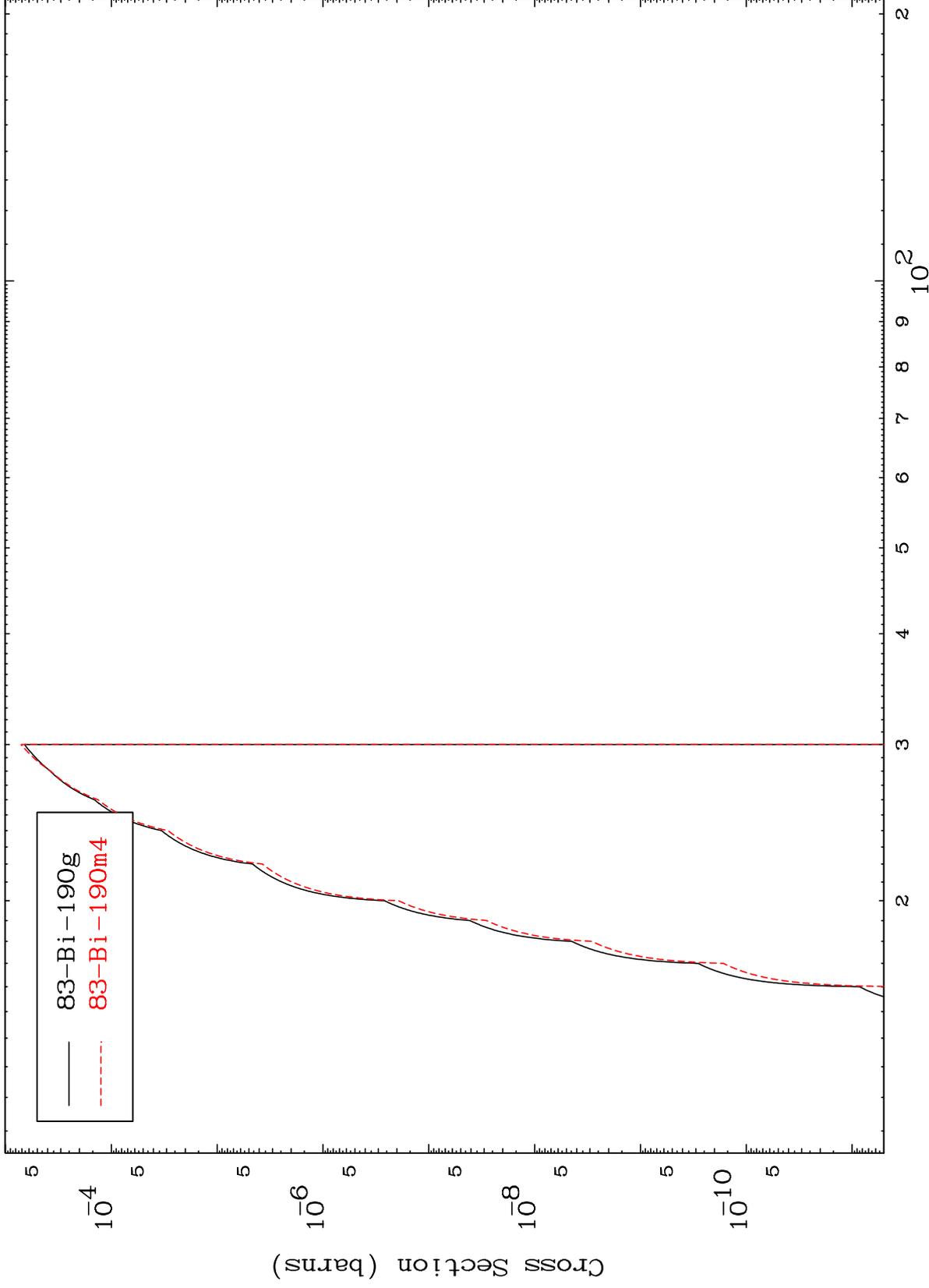
Incident Energy (MeV)

83-Bi-191

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83-Bi-191

(n,n') d  
Radionuclide Production Cross Section



83-Bi-191

Incident Energy (MeV)

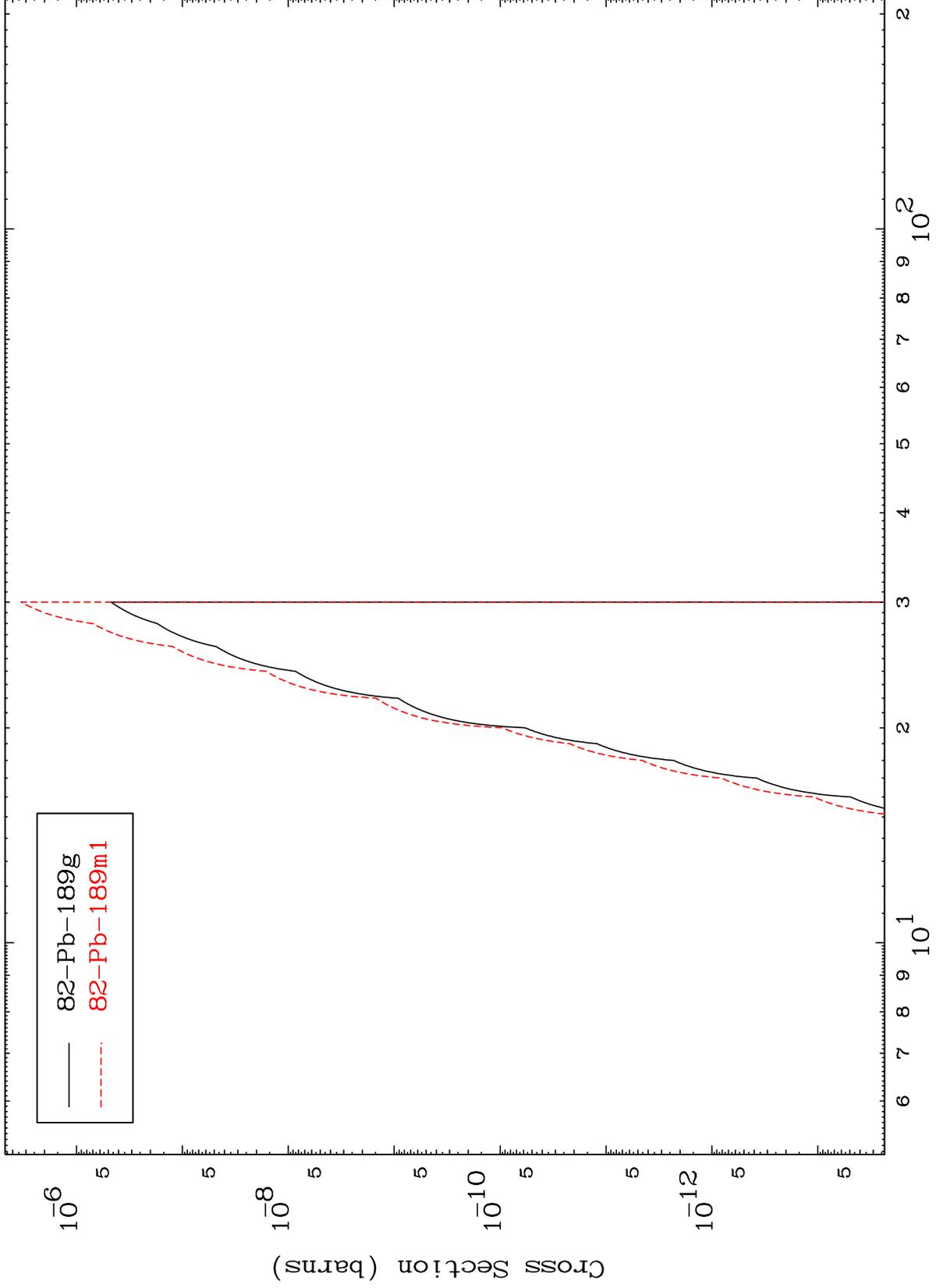
16

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(n,n') He-3

83-Bi-191

Radionuclide Production Cross Section

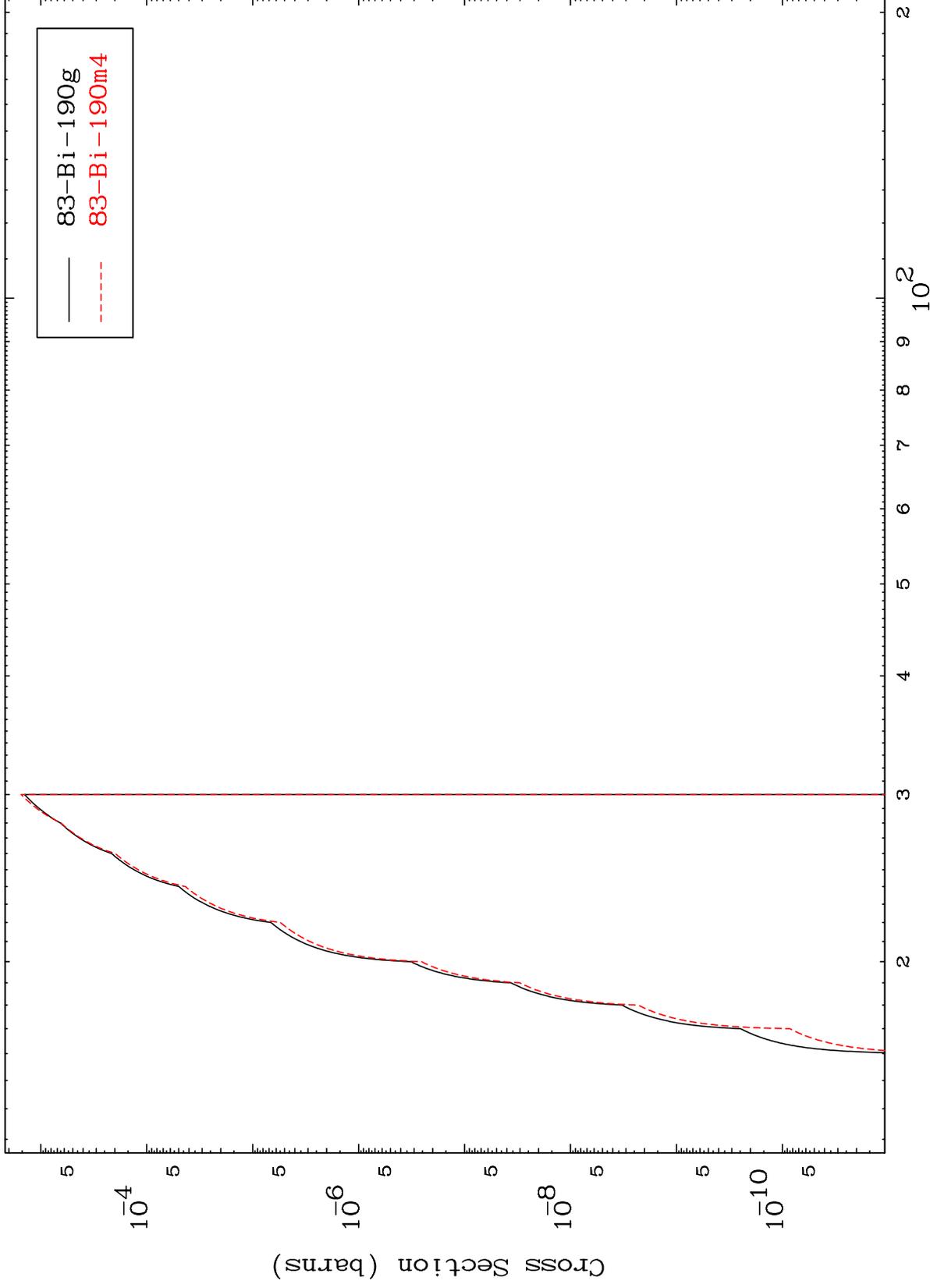


17

Incident Energy (MeV)

83-Bi-191

(n,2n) p  
Radionuclide Production Cross Section

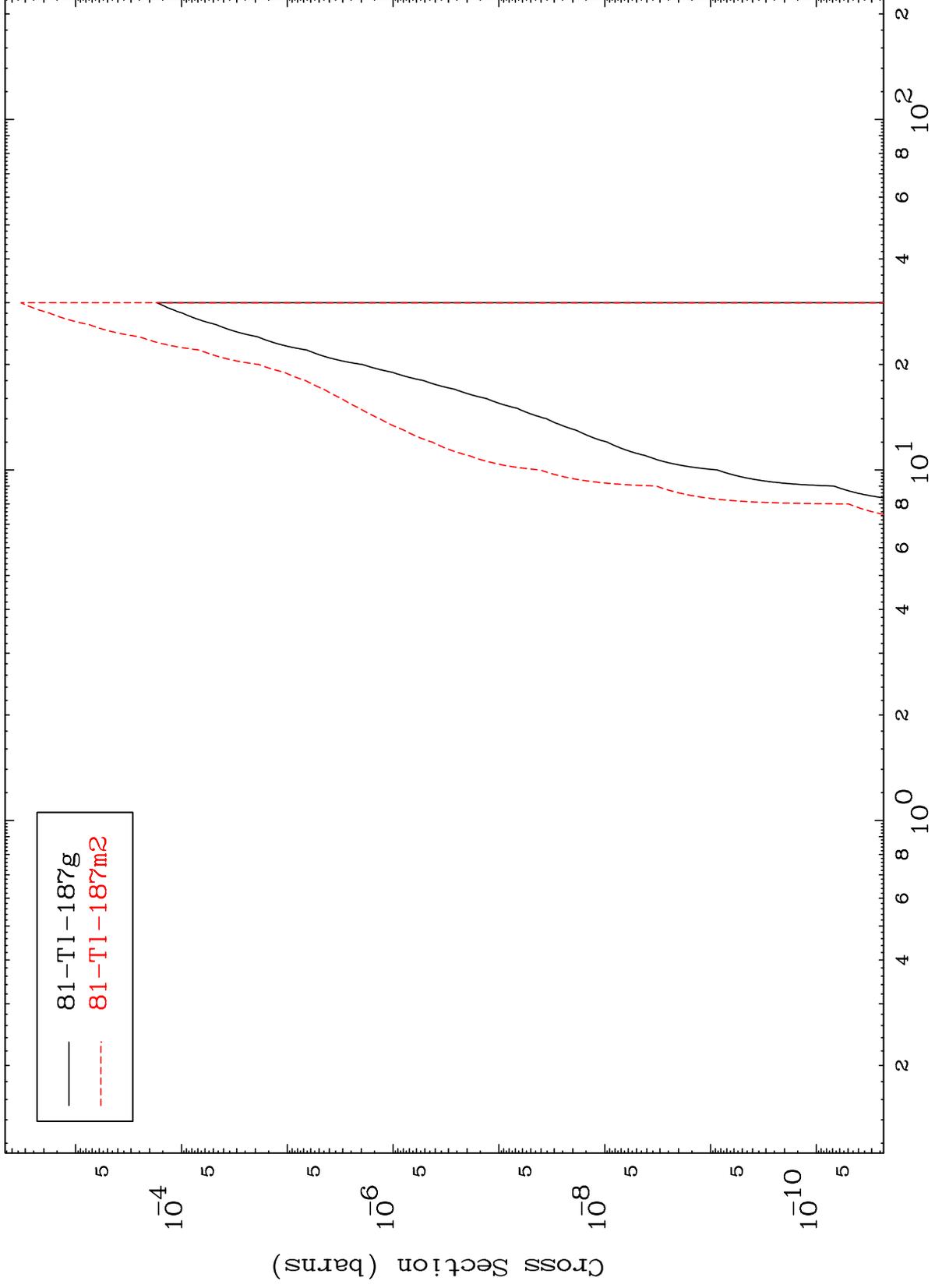


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(n,n') p  $\alpha$

83-Bi-191

Radionuclide Production Cross Section



19

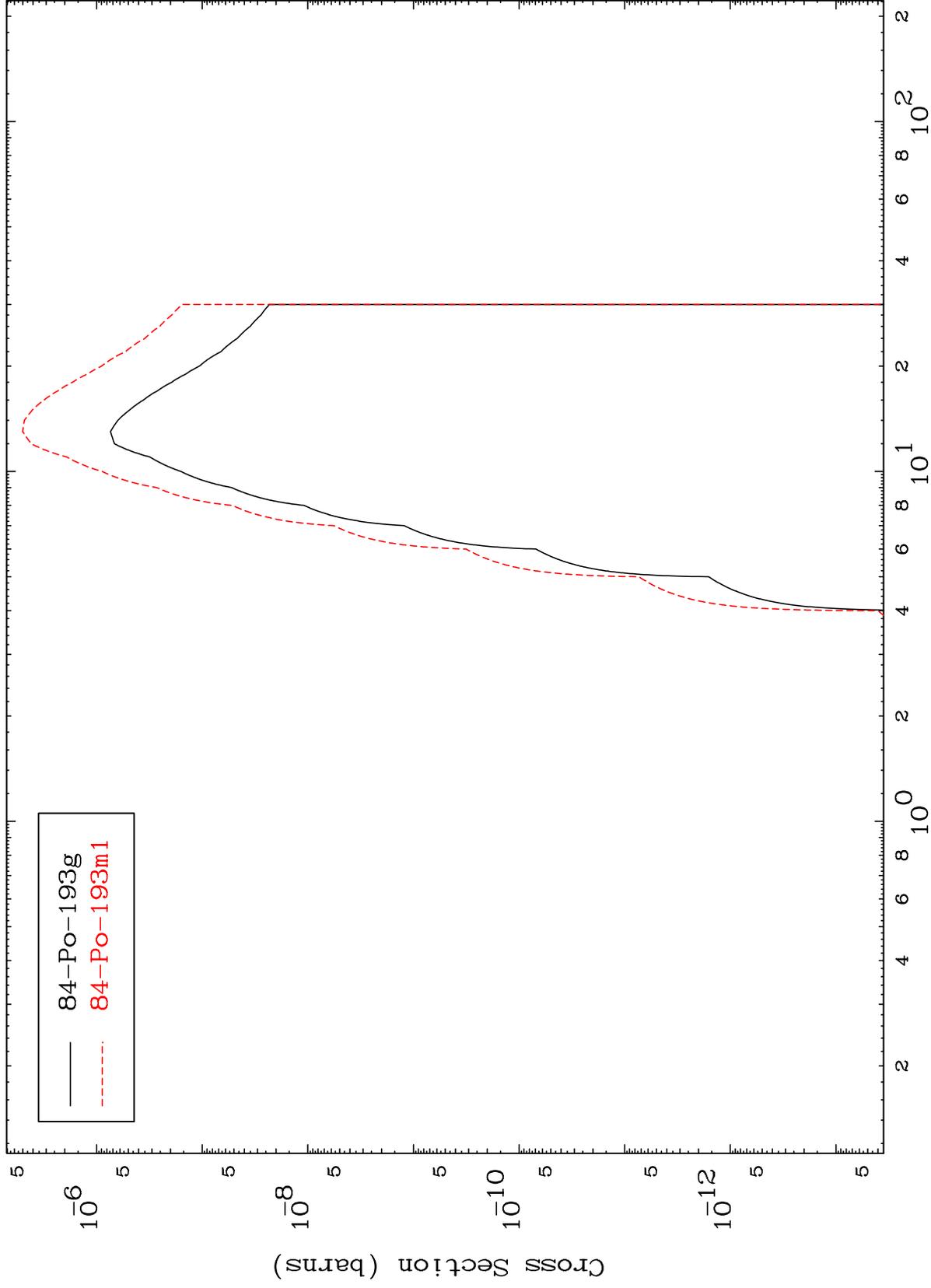
Incident Energy (MeV)

83-Bi-191

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83-Bi-191

(n,γ)  
Radionuclide Production Cross Section



20

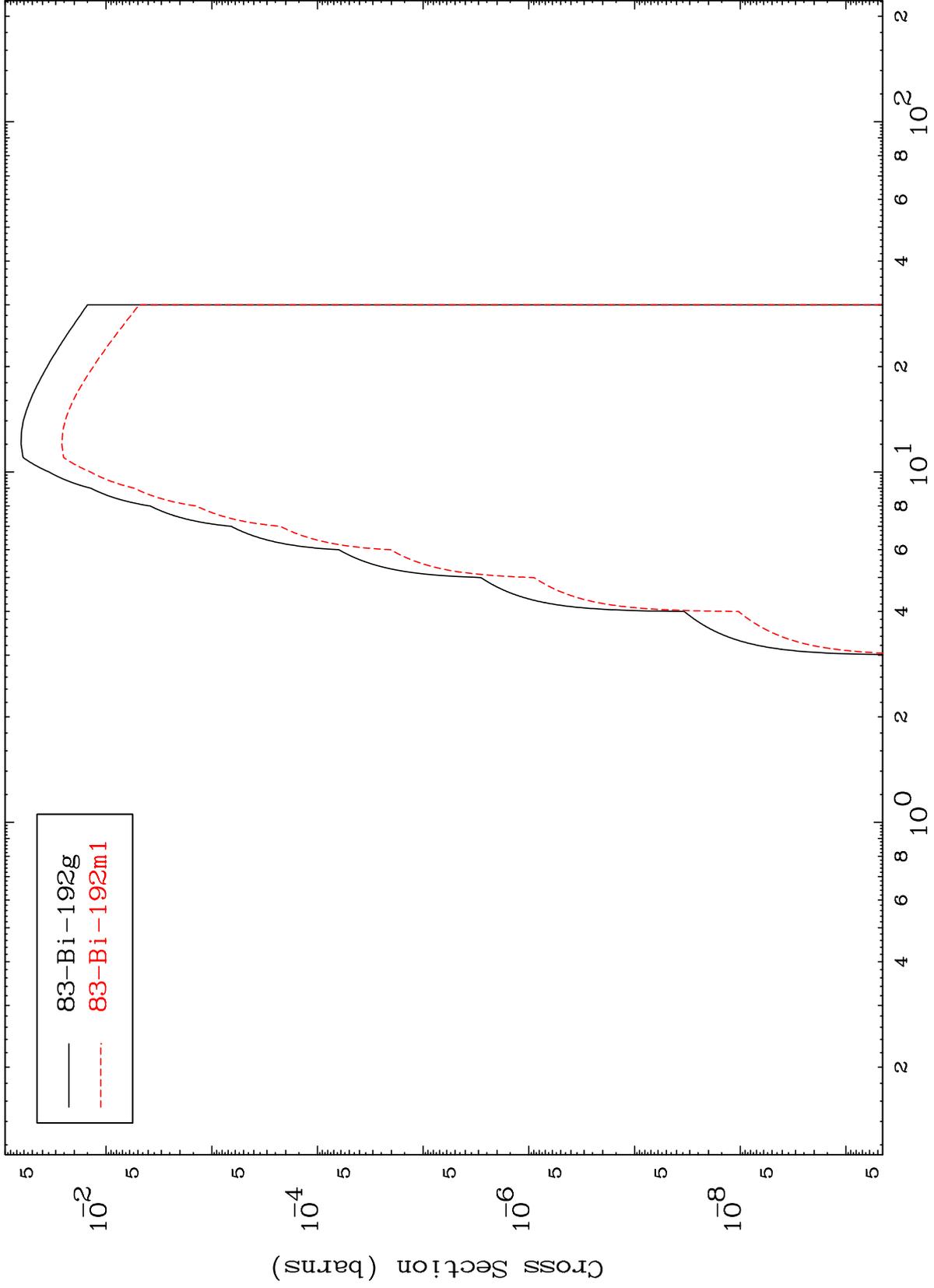
83-Bi-191

Incident Energy (MeV)

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83-Bi-191

(n,p)  
Radionuclide Production Cross Section

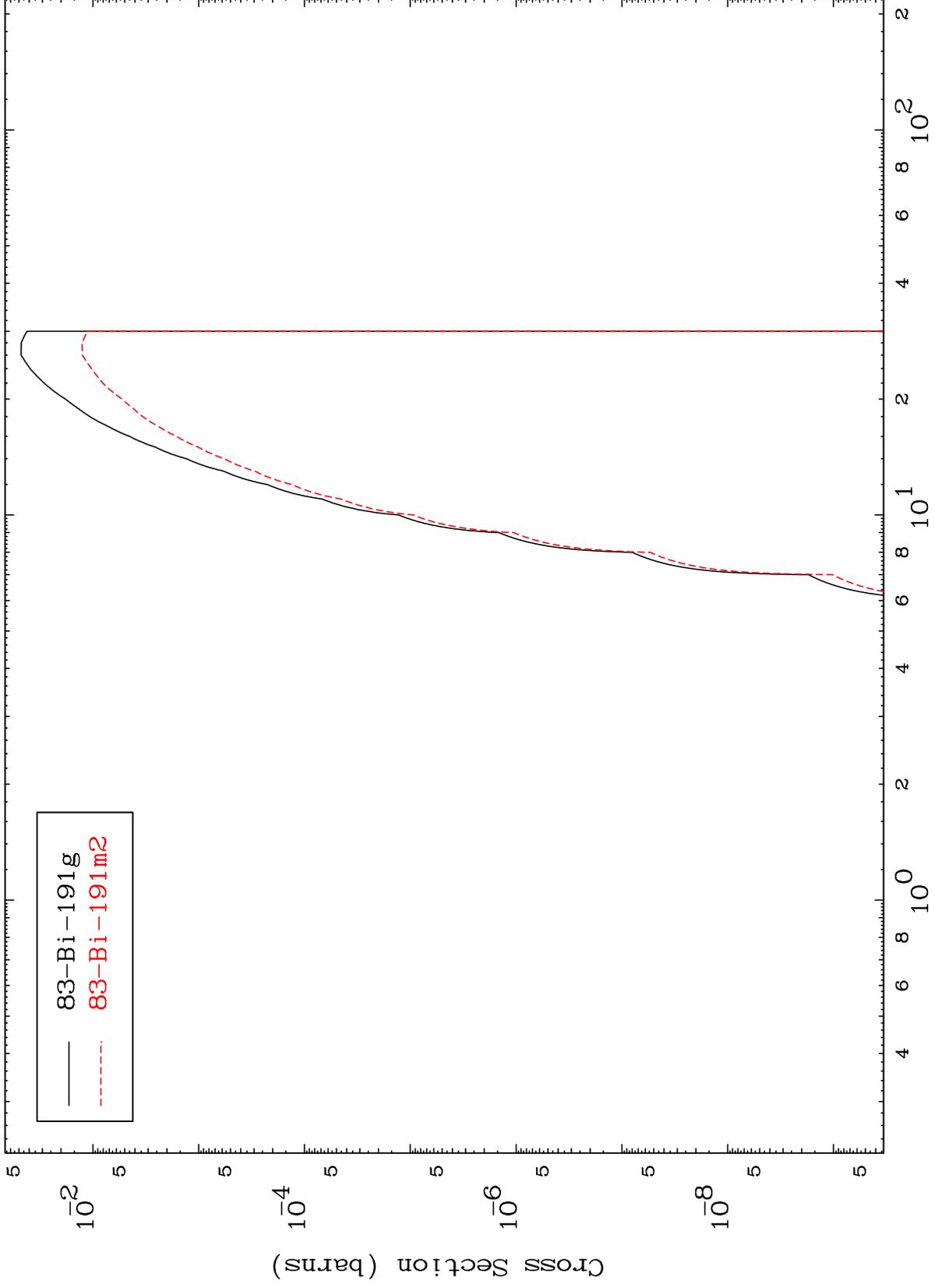


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(n,d)

83-Bi-191

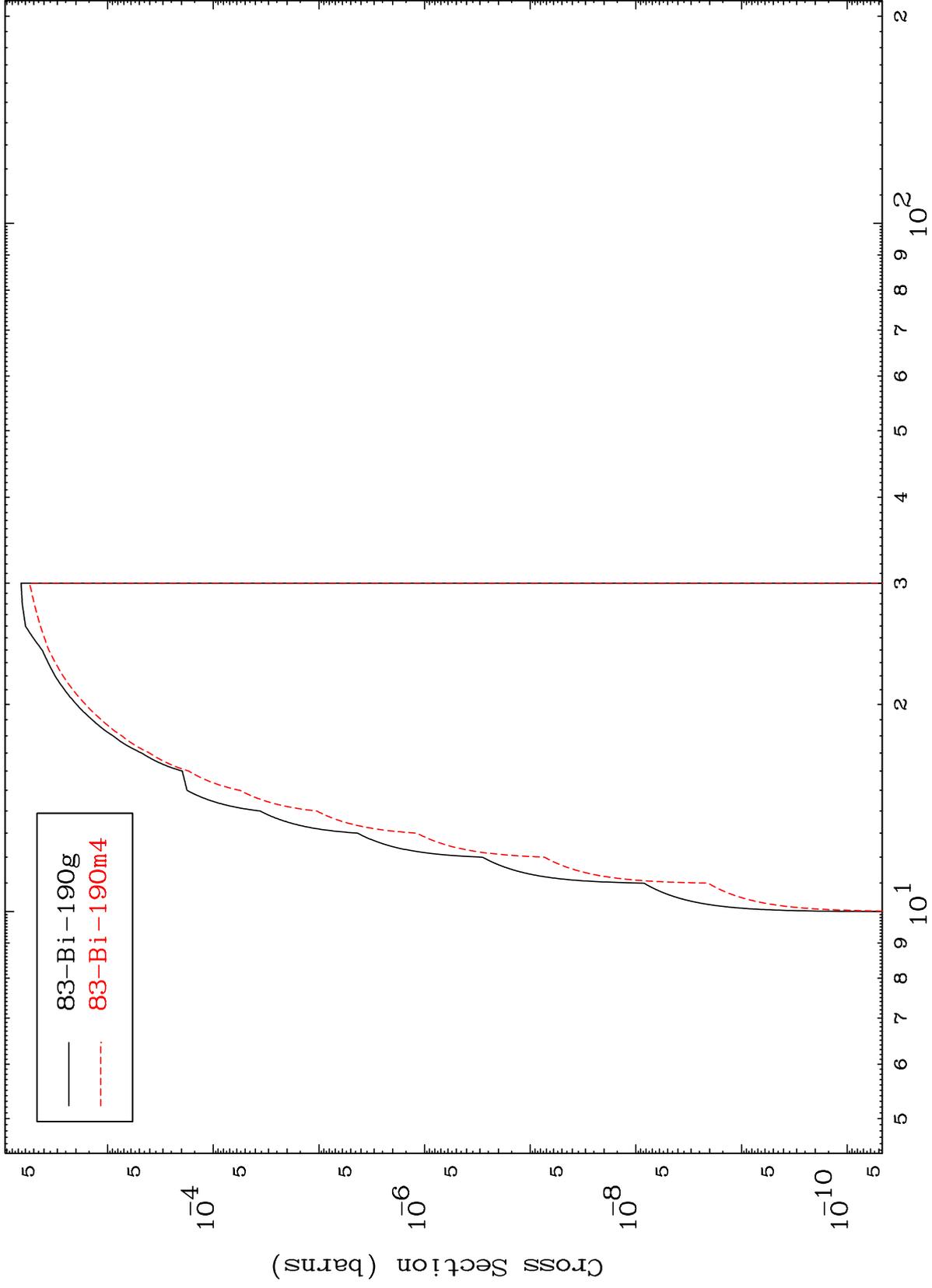
Radionuclide Production Cross Section



MAT 8271

83-Bi-191

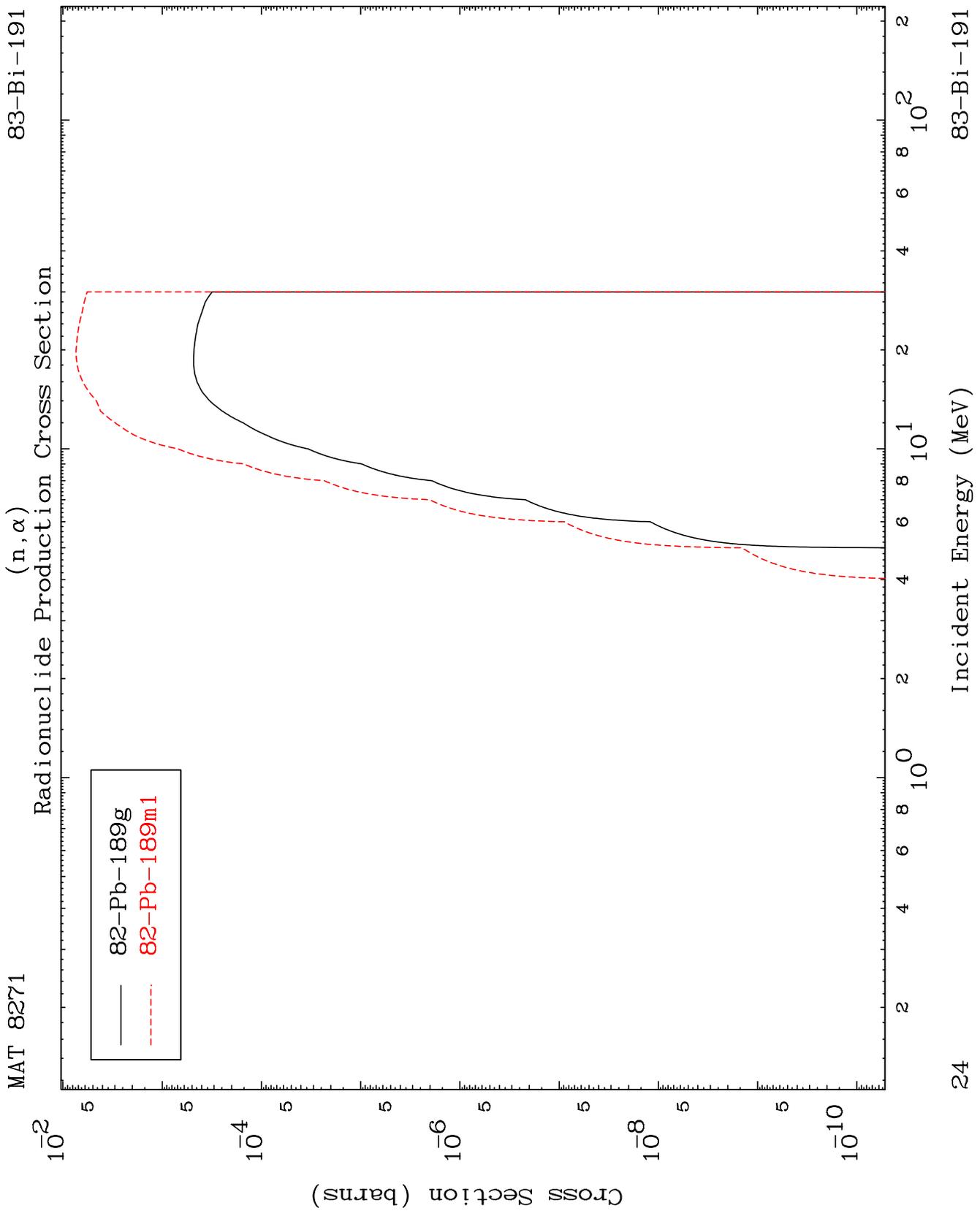
(n, t)  
Radionuclide Production Cross Section



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Incident Energy (MeV)

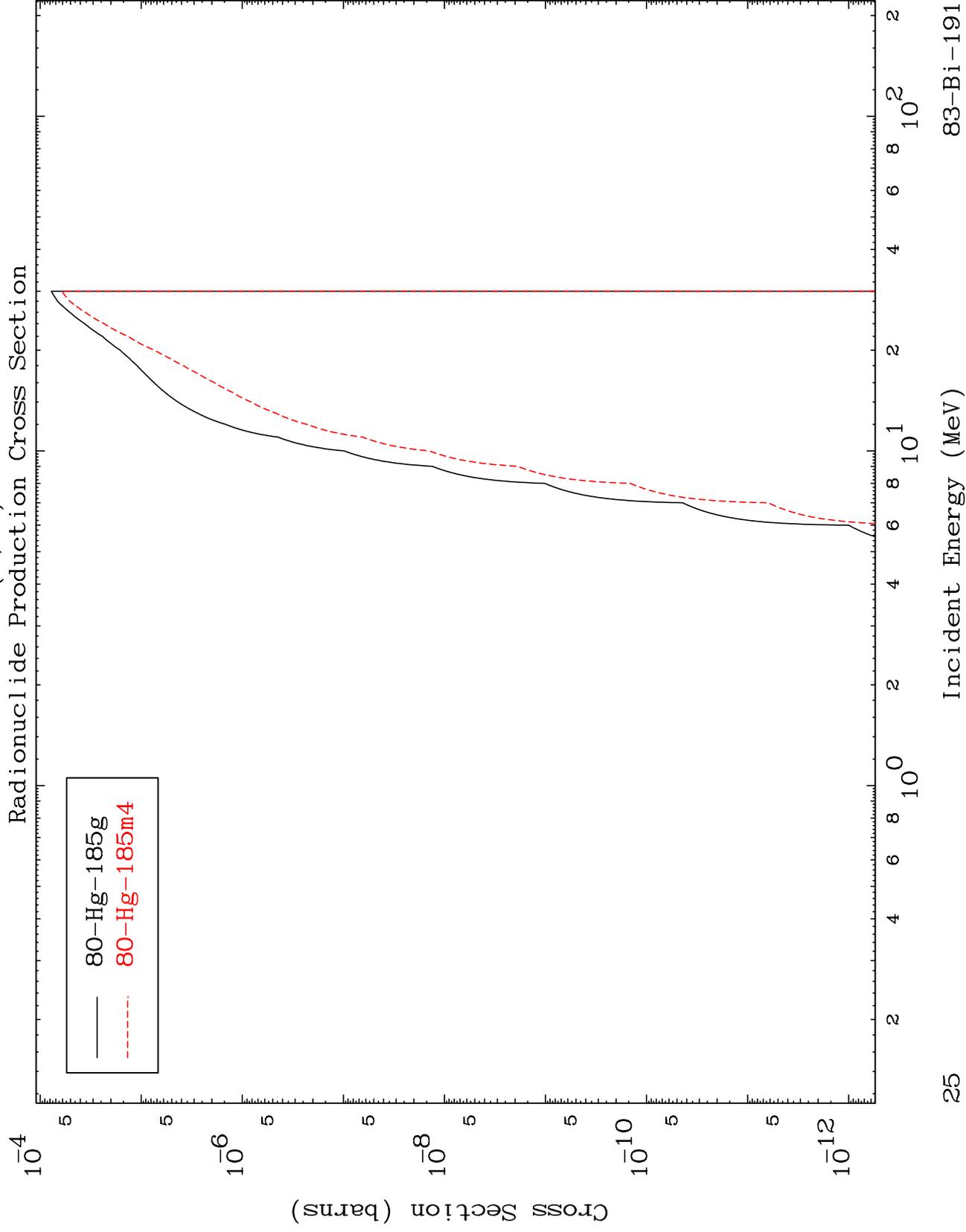
83-Bi-191



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(n,2α)

83-Bi-191

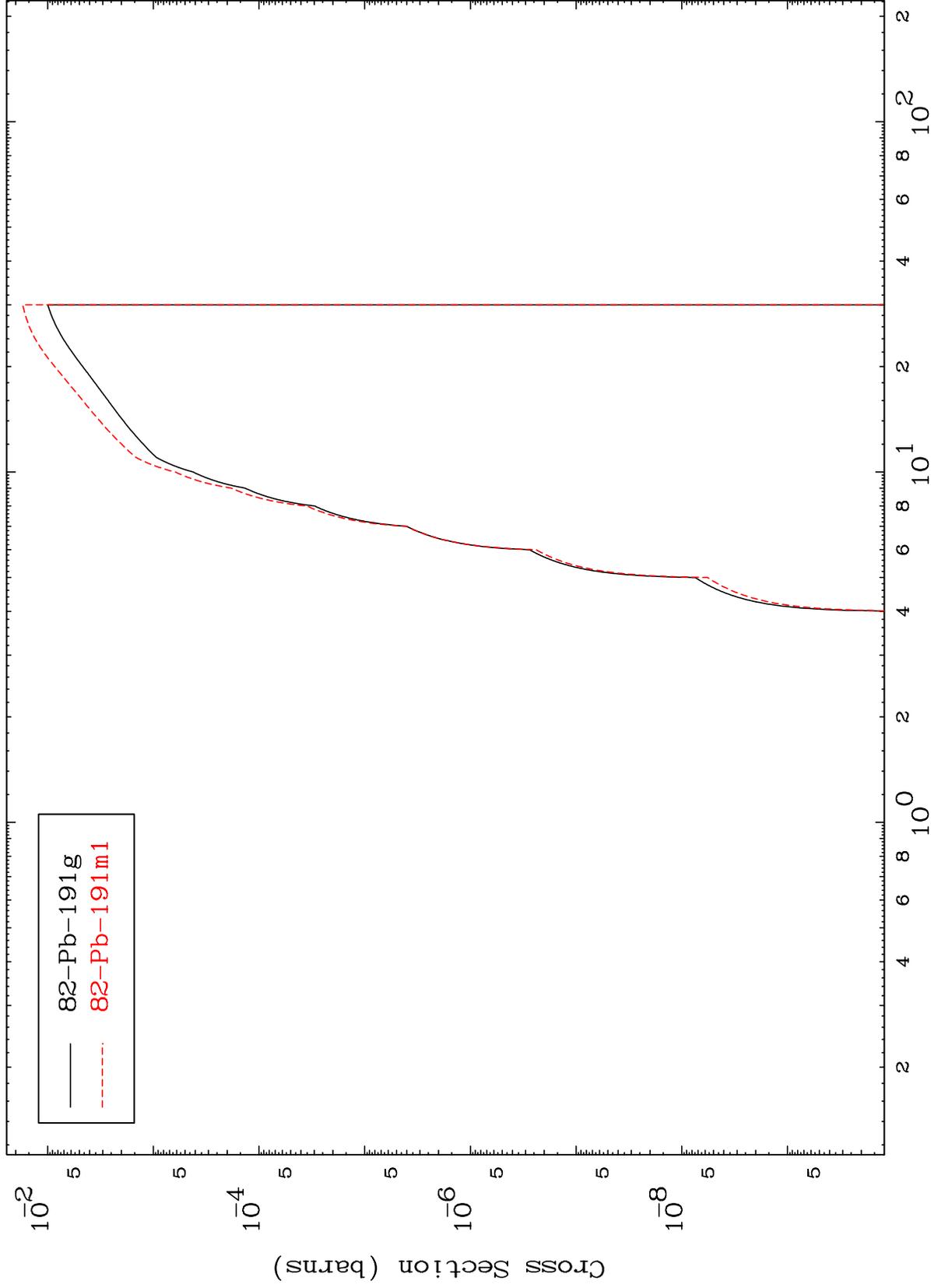


25

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83-Bi-191

(n,2p)  
Radionuclide Production Cross Section



26

83-Bi-191

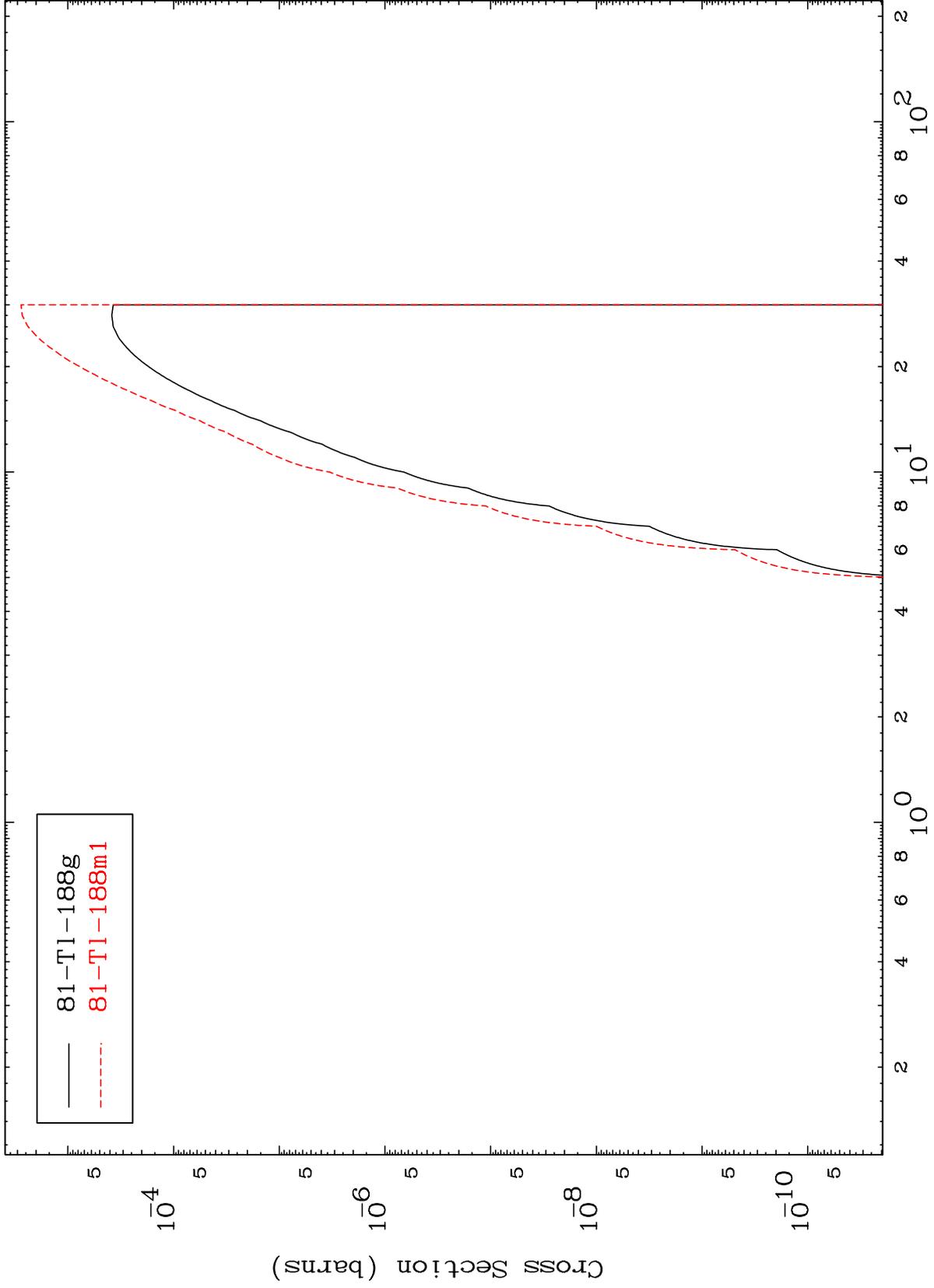
Incident Energy (MeV)

MAT 8271

(n,p)  $\alpha$

83-Bi-191

Radionuclide Production Cross Section

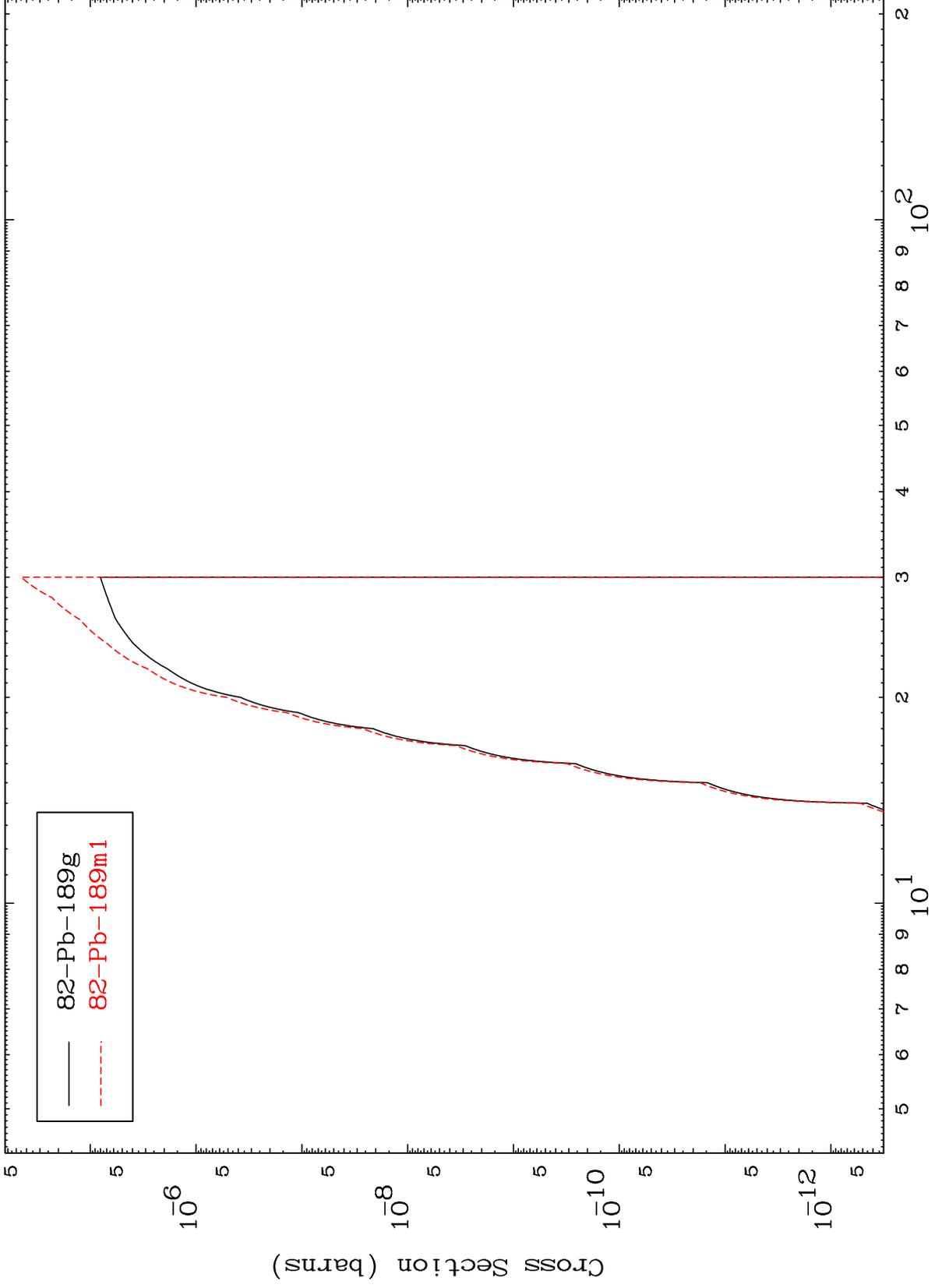


MAT 8271

(n,p) t

83-Bi-191

Radionuclide Production Cross Section



28

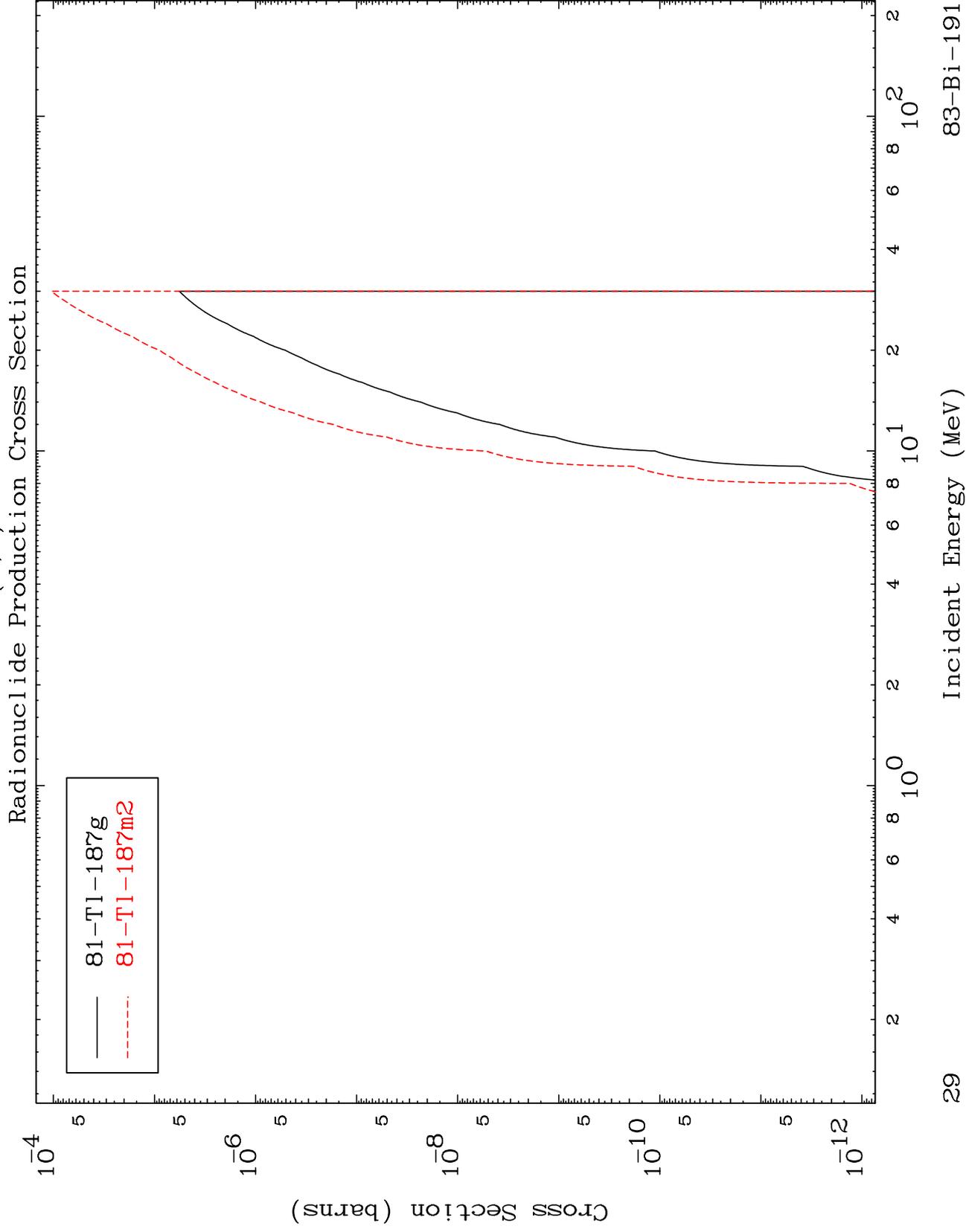
Incident Energy (MeV)

83-Bi-191

MAT 8271

(n,d)  $\alpha$

83-Bi-191



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83-Bi-191