

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

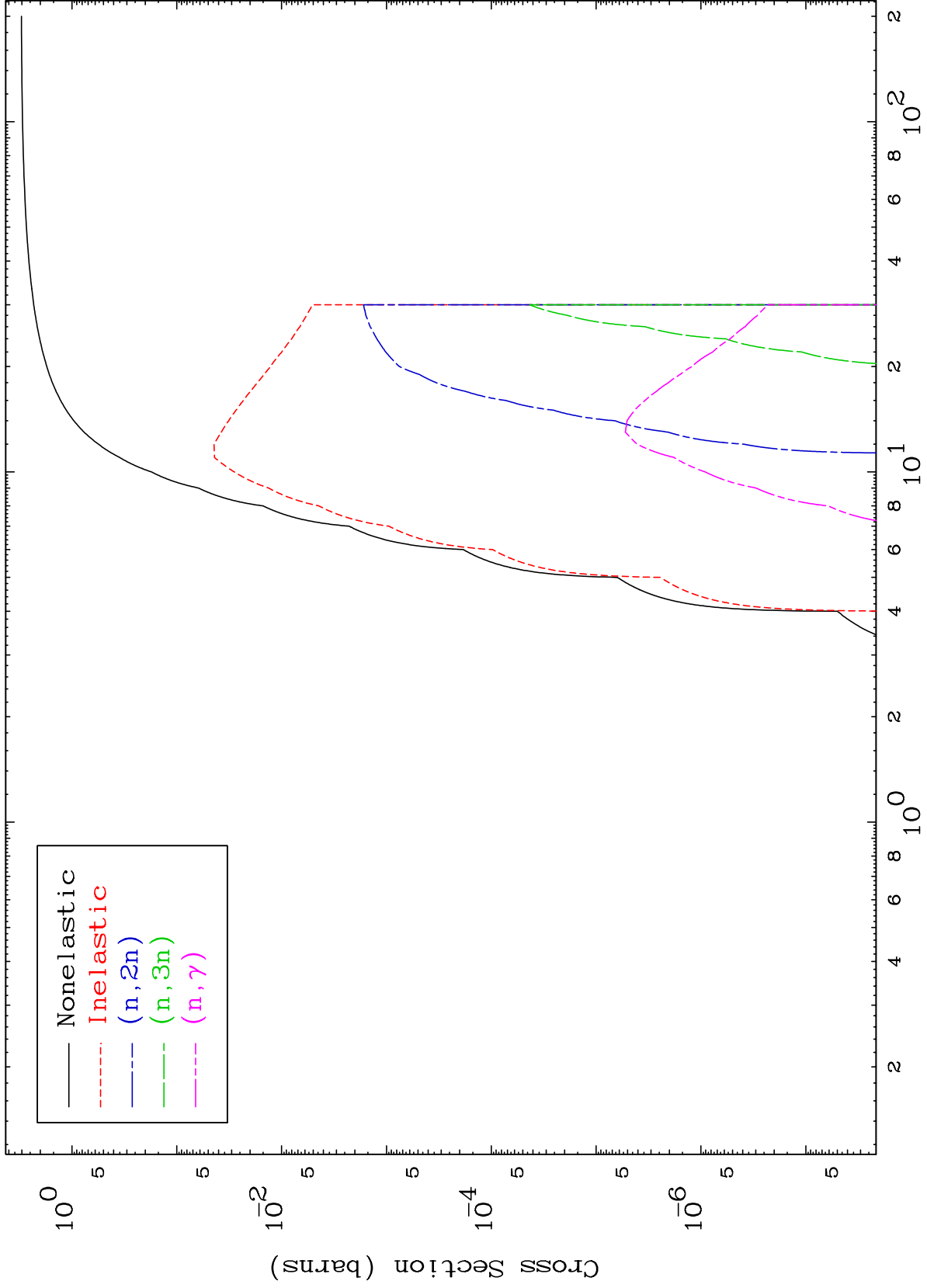
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

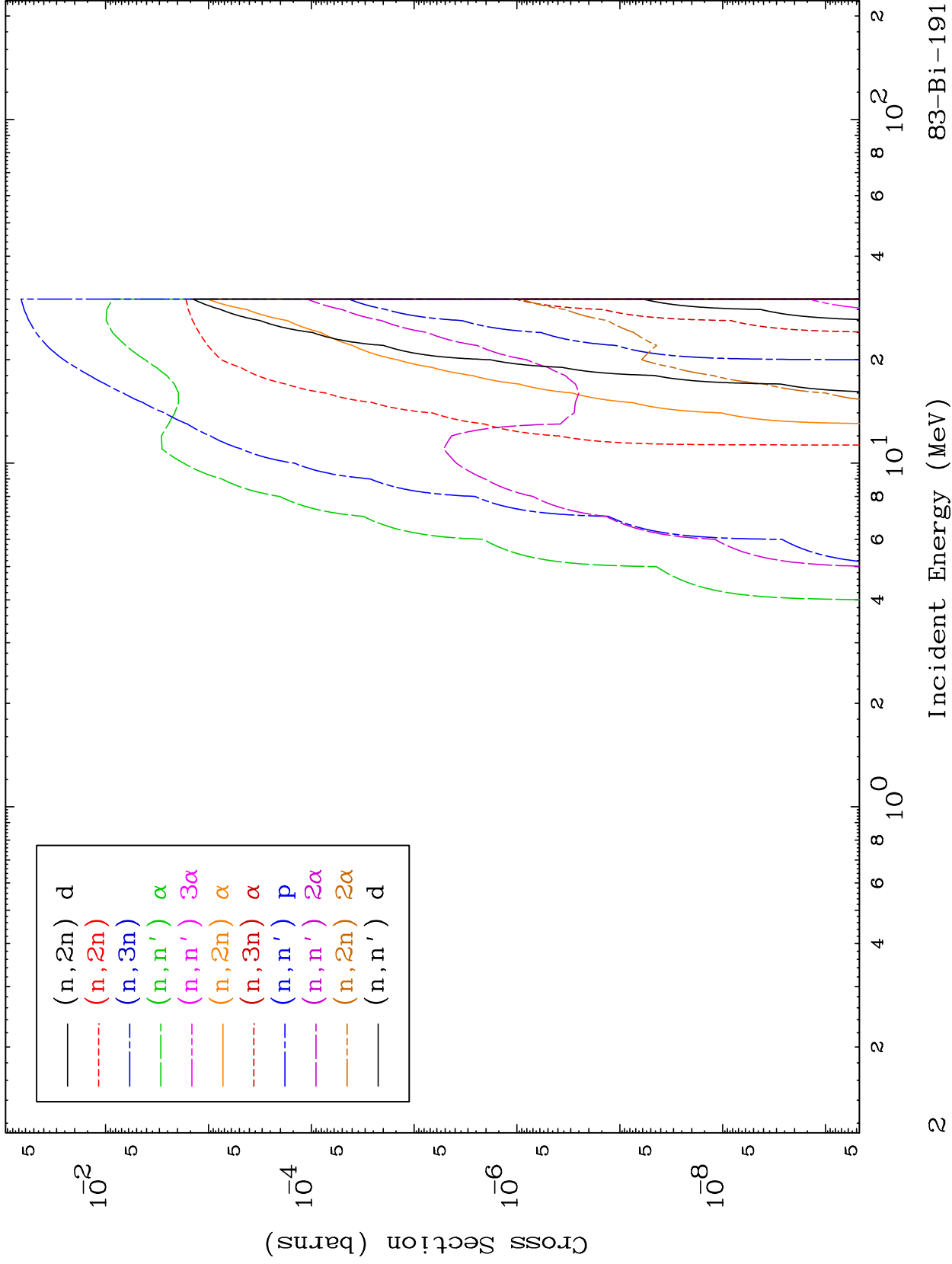
Tele: 925-443-1911

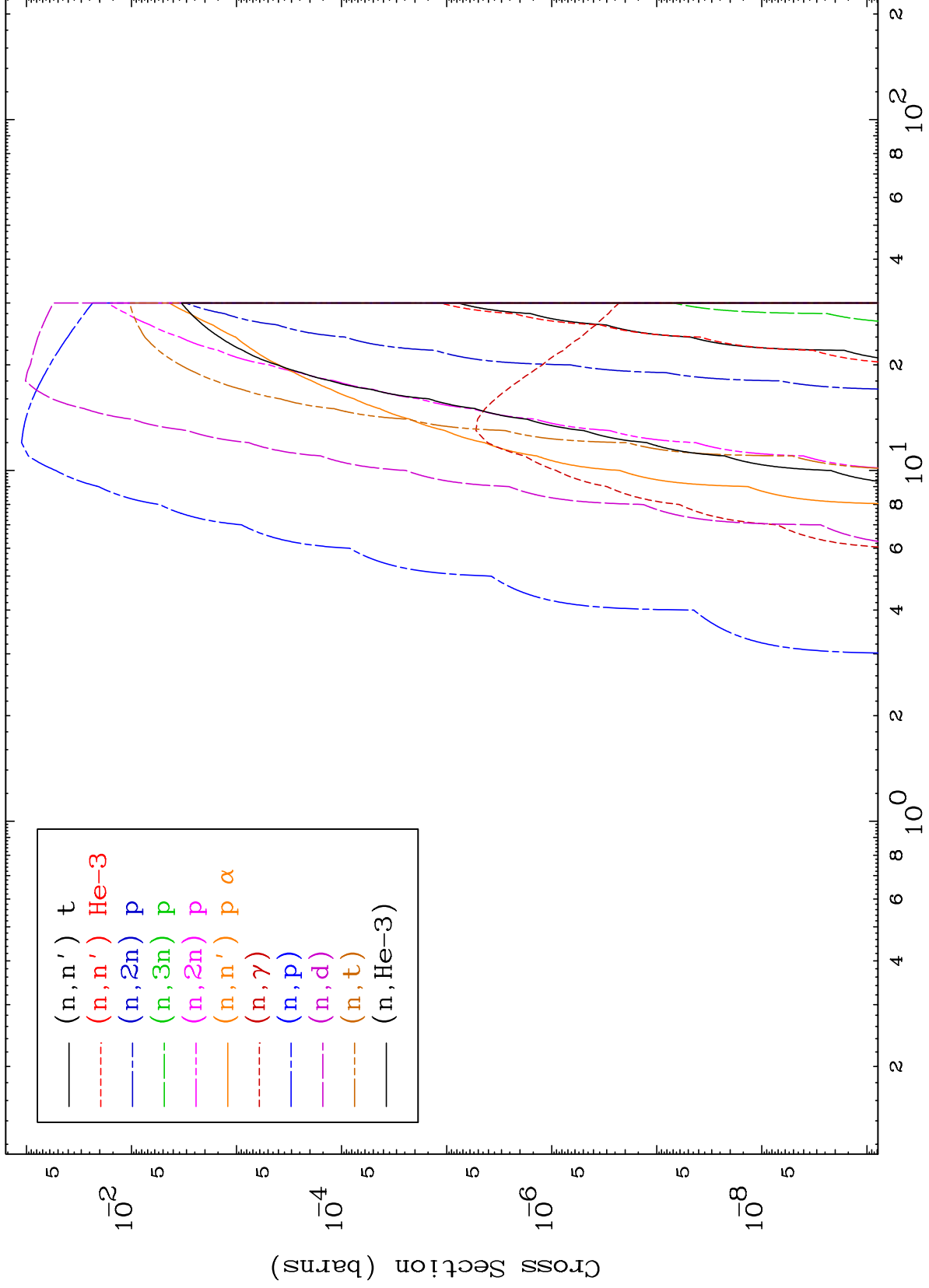
E.Mail:redcullen1@comcast.net

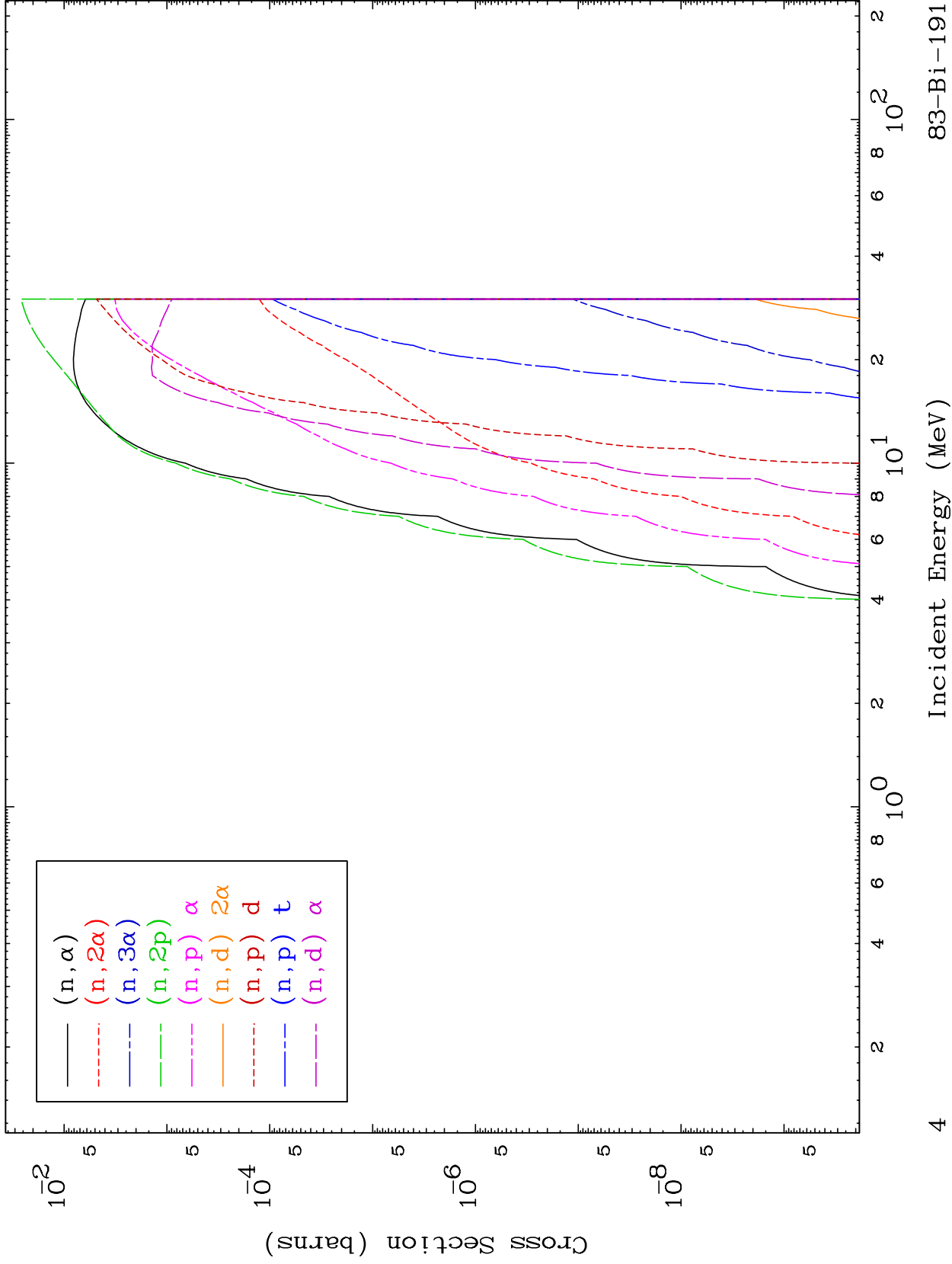
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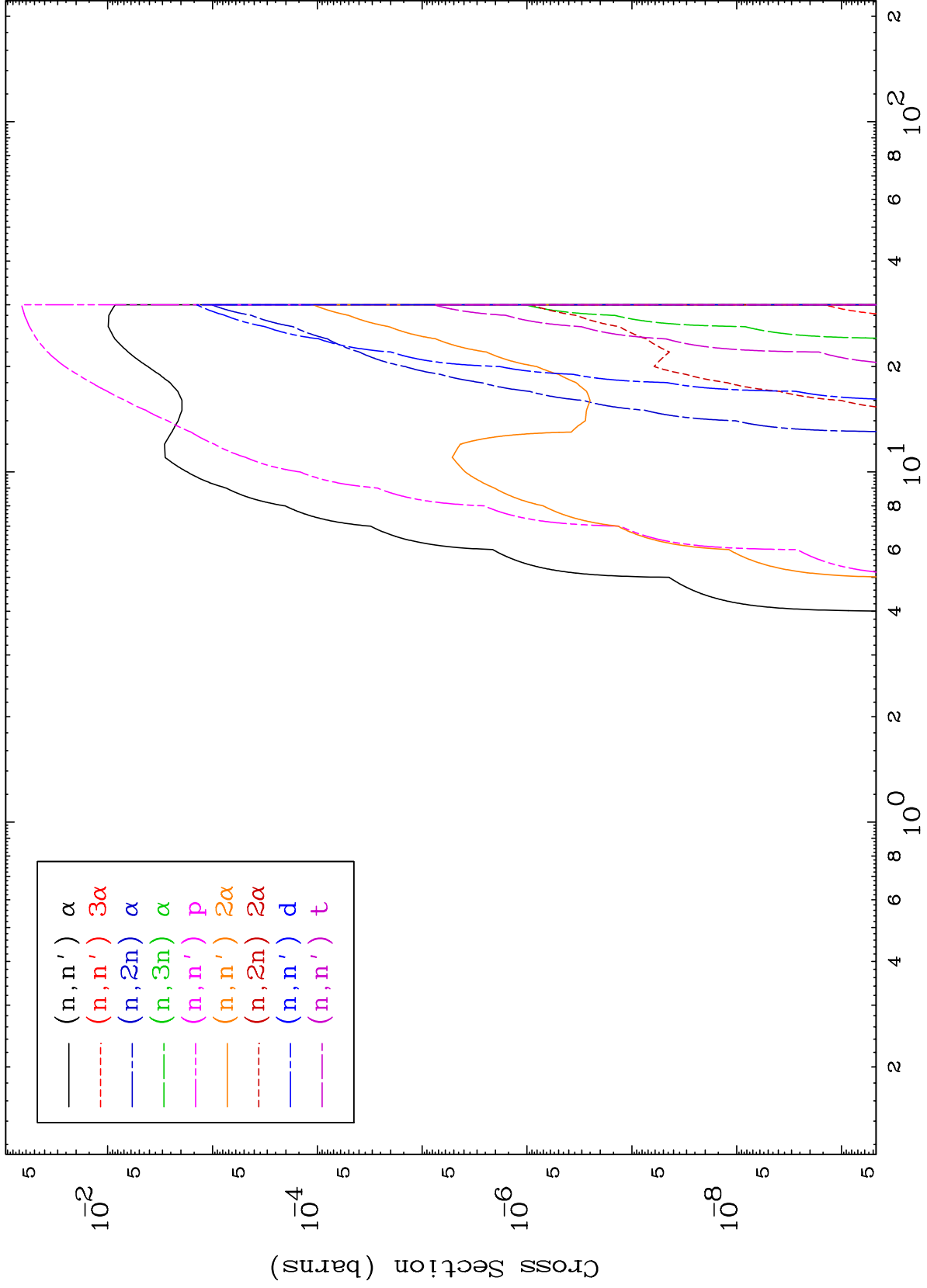
Press Mouse Button to Start

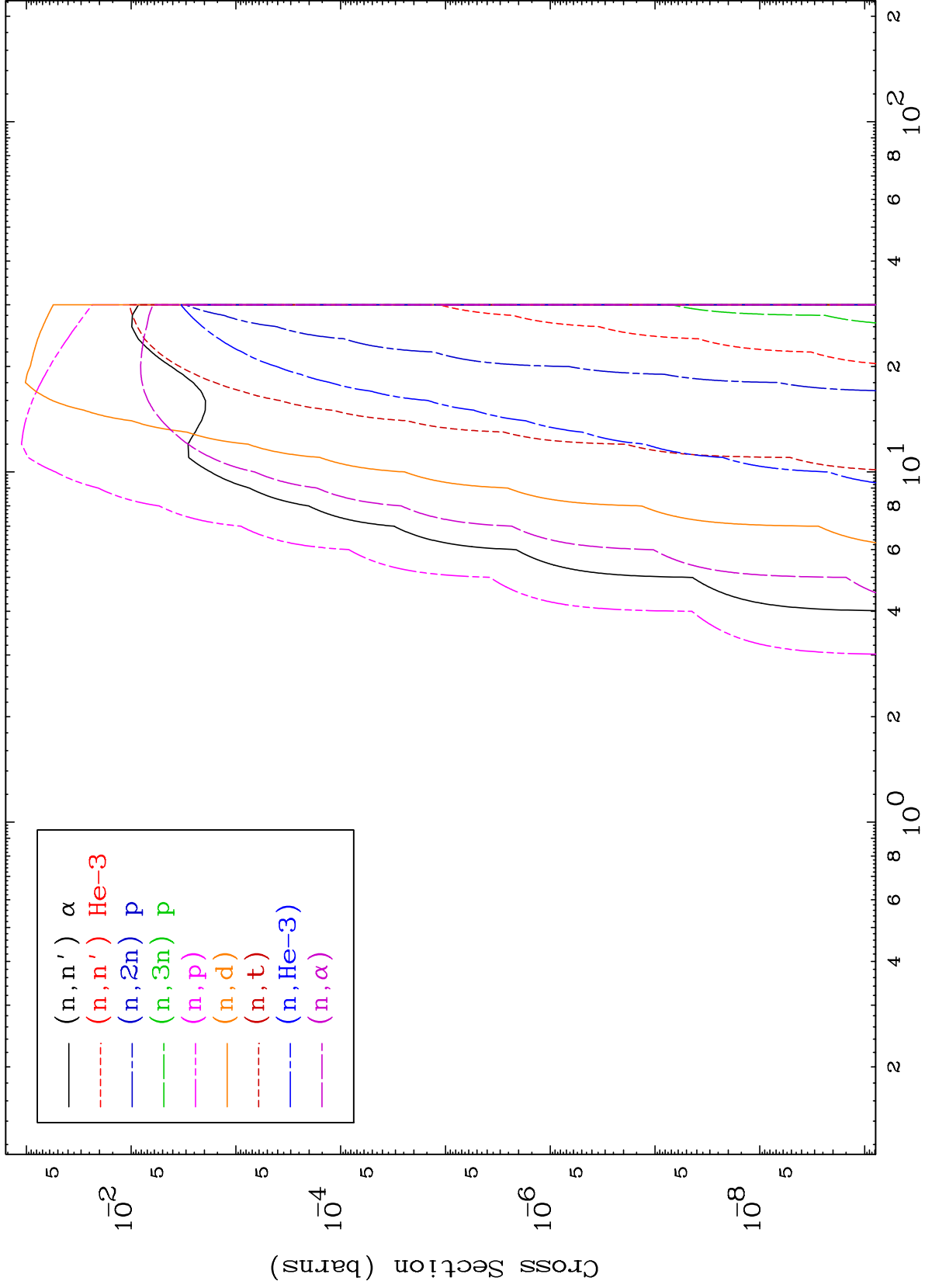


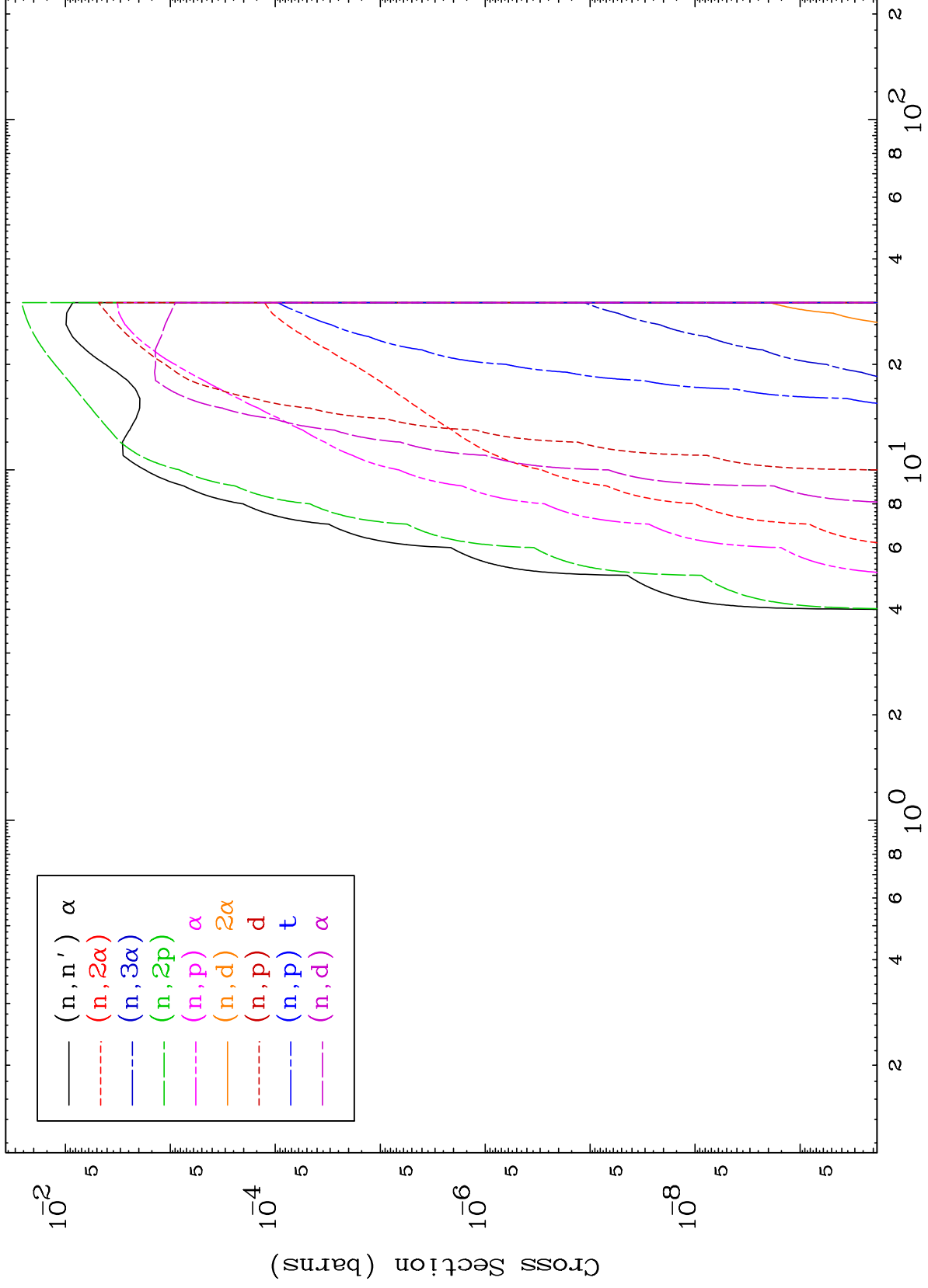












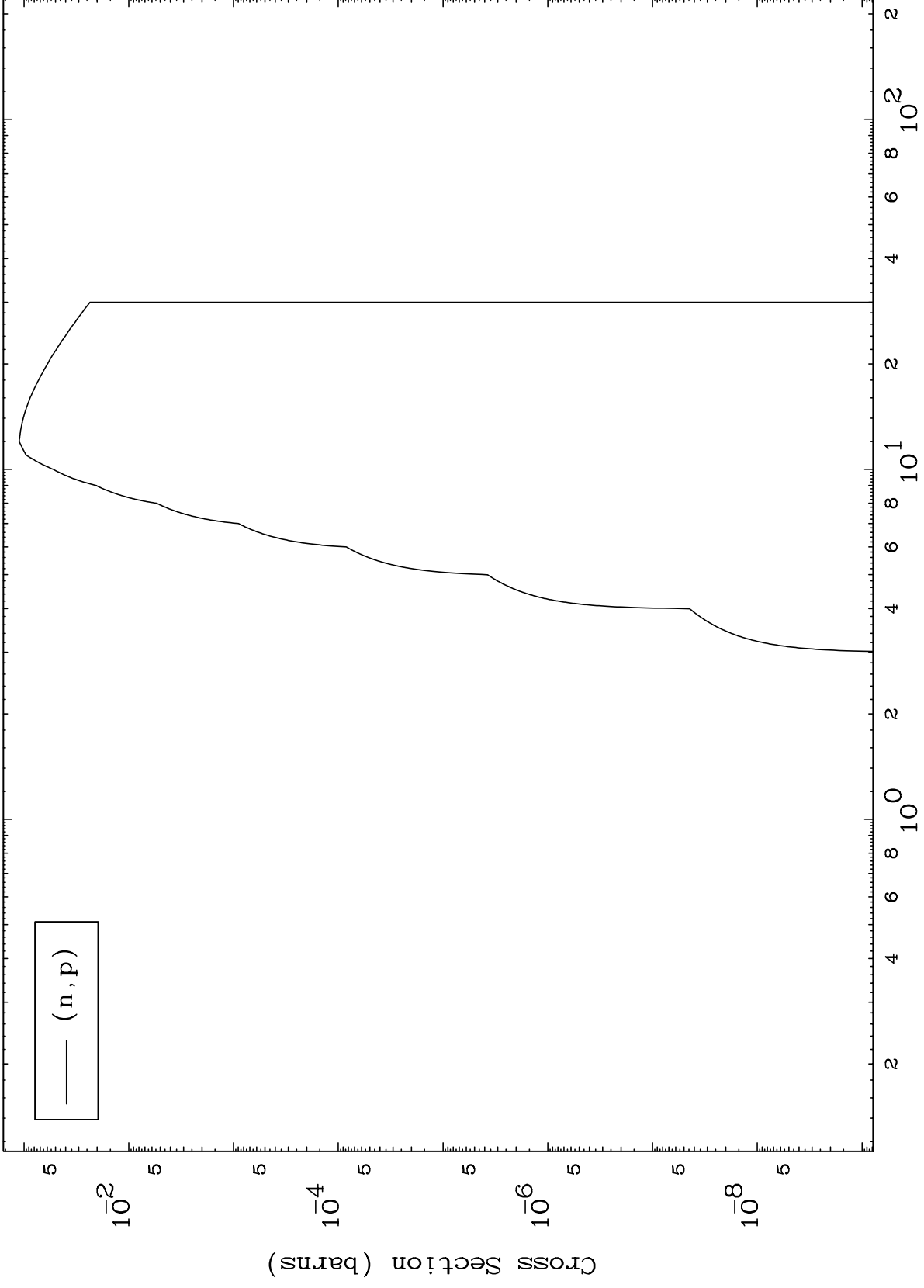


MAT 8271

(d,p) Levels

83-Bi-191

0 Kelvin Cross Sections

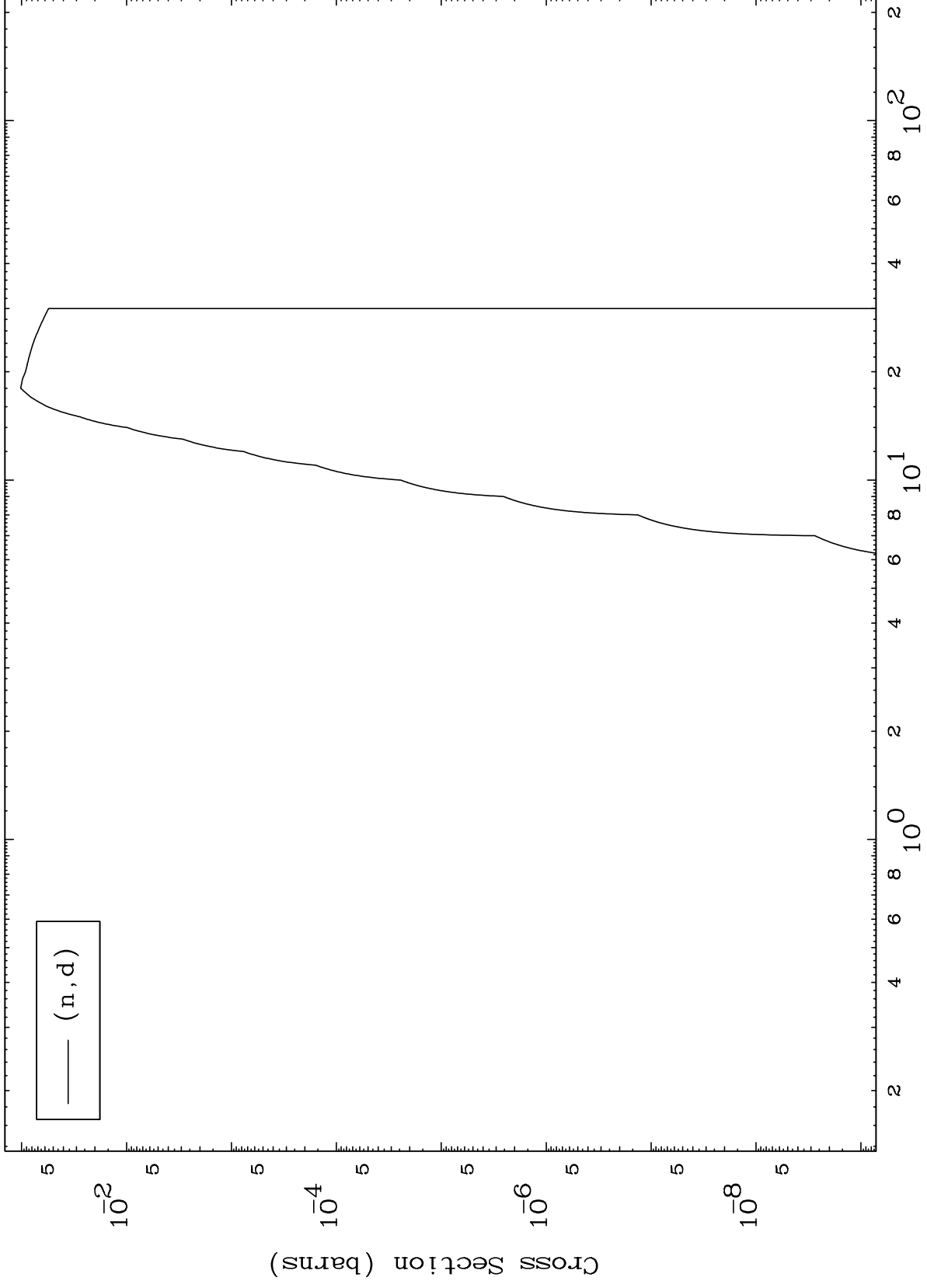


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(d,d) Levels

83-Bi-191

0 Kelvin Cross Sections



9

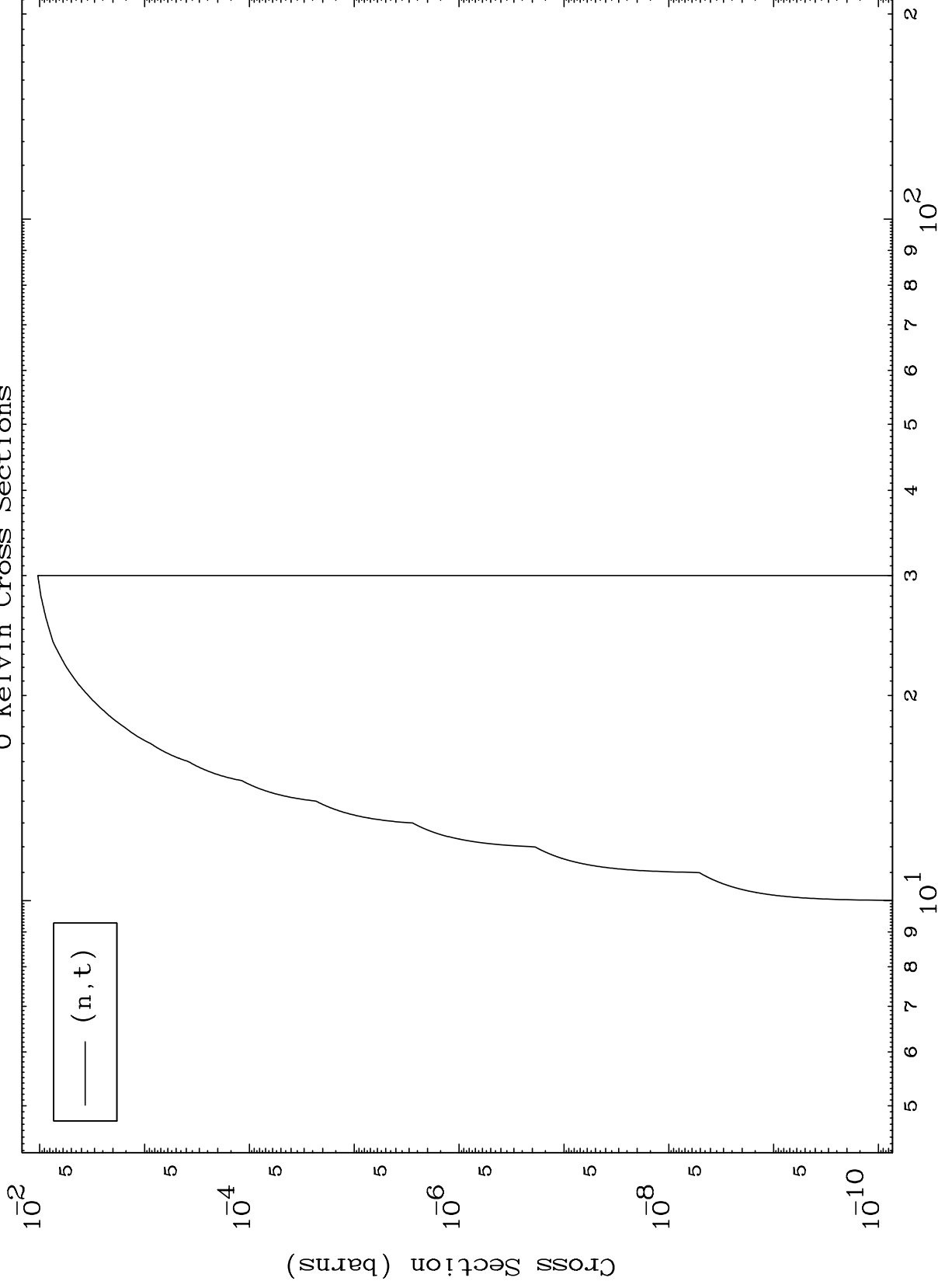
Incident Energy (MeV)

83-Bi-191

MAT 8271

83-Bi-191

(d,t) Levels  
0 Kelvin Cross Sections



83-Bi-191

Incident Energy (MeV)

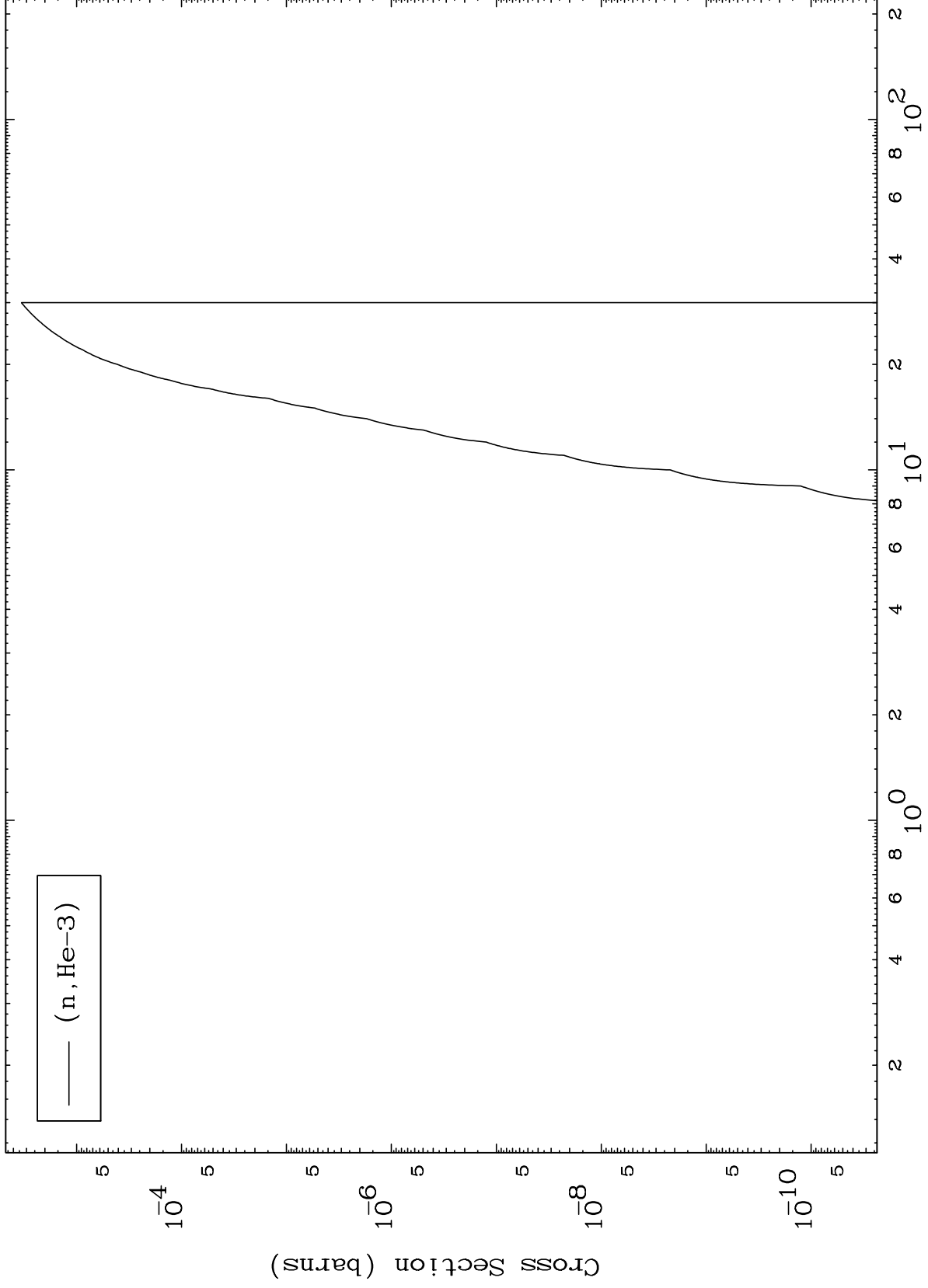
10

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(d,He3) Levels

83-Bi-191

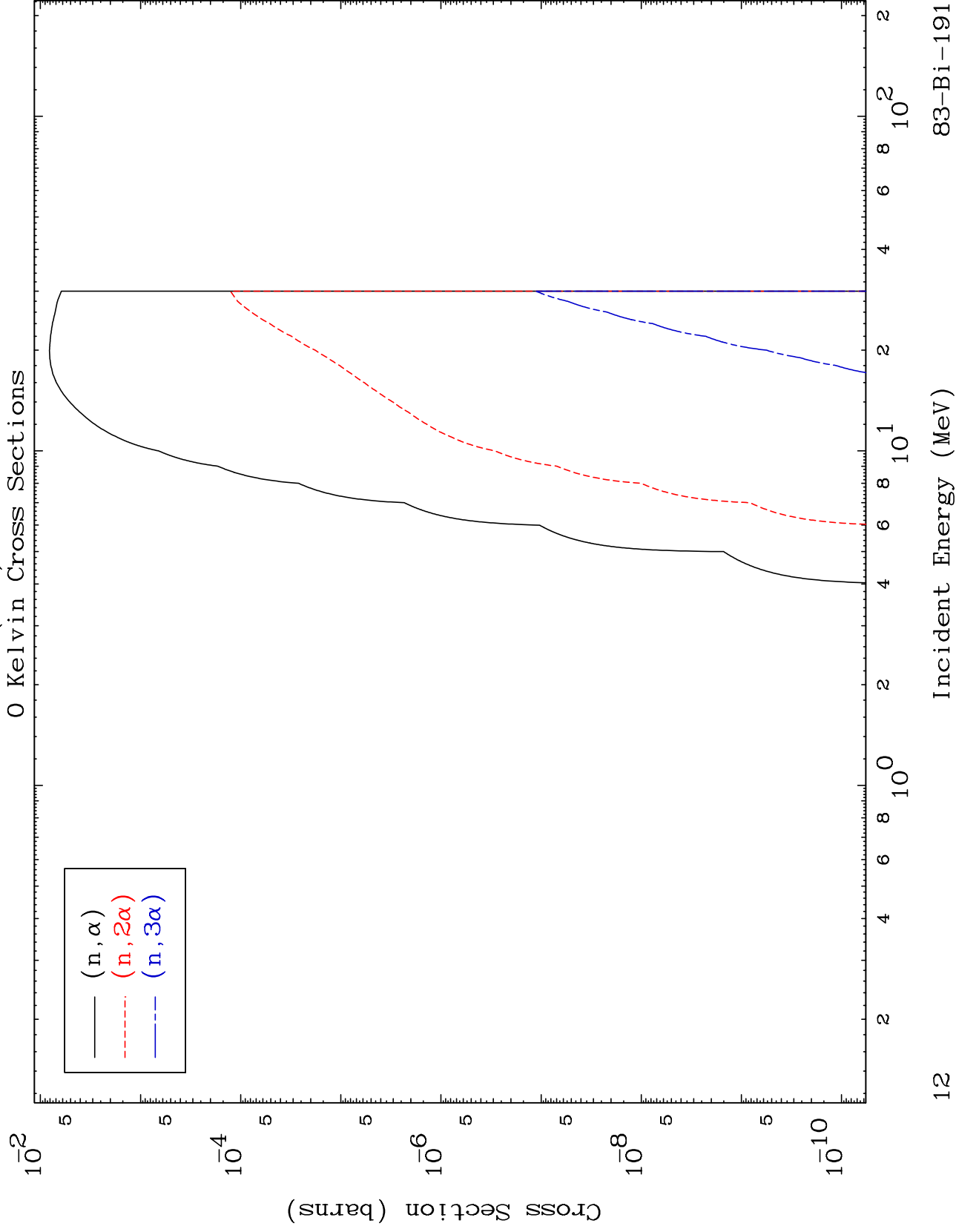
0 Kelvin Cross Sections



MAT 8271

(d,  $\alpha$ ) Levels

83-Bi-191

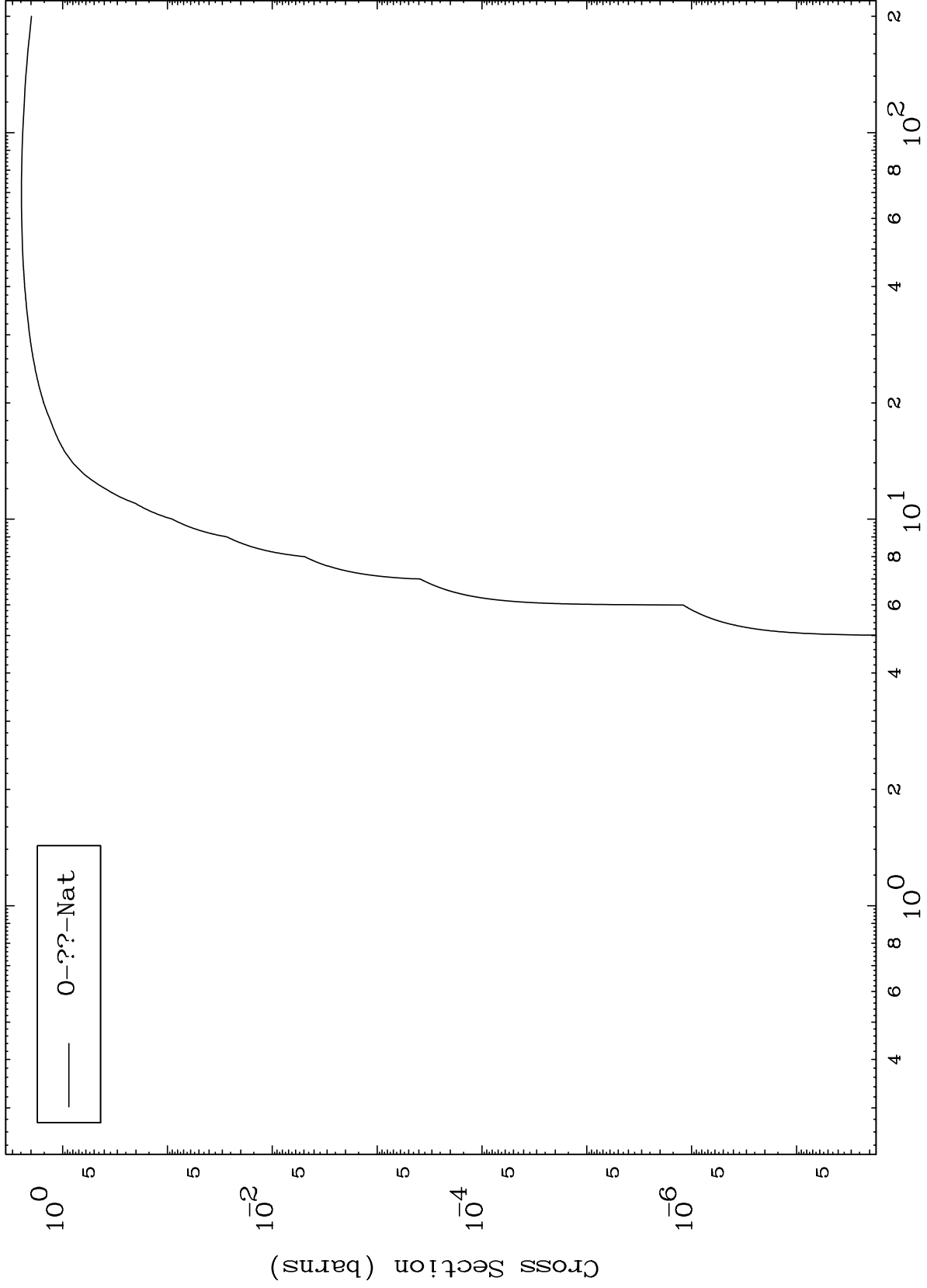


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MAT 8271

83-Bi-191

Fission  
Radionuclide Production Cross Section

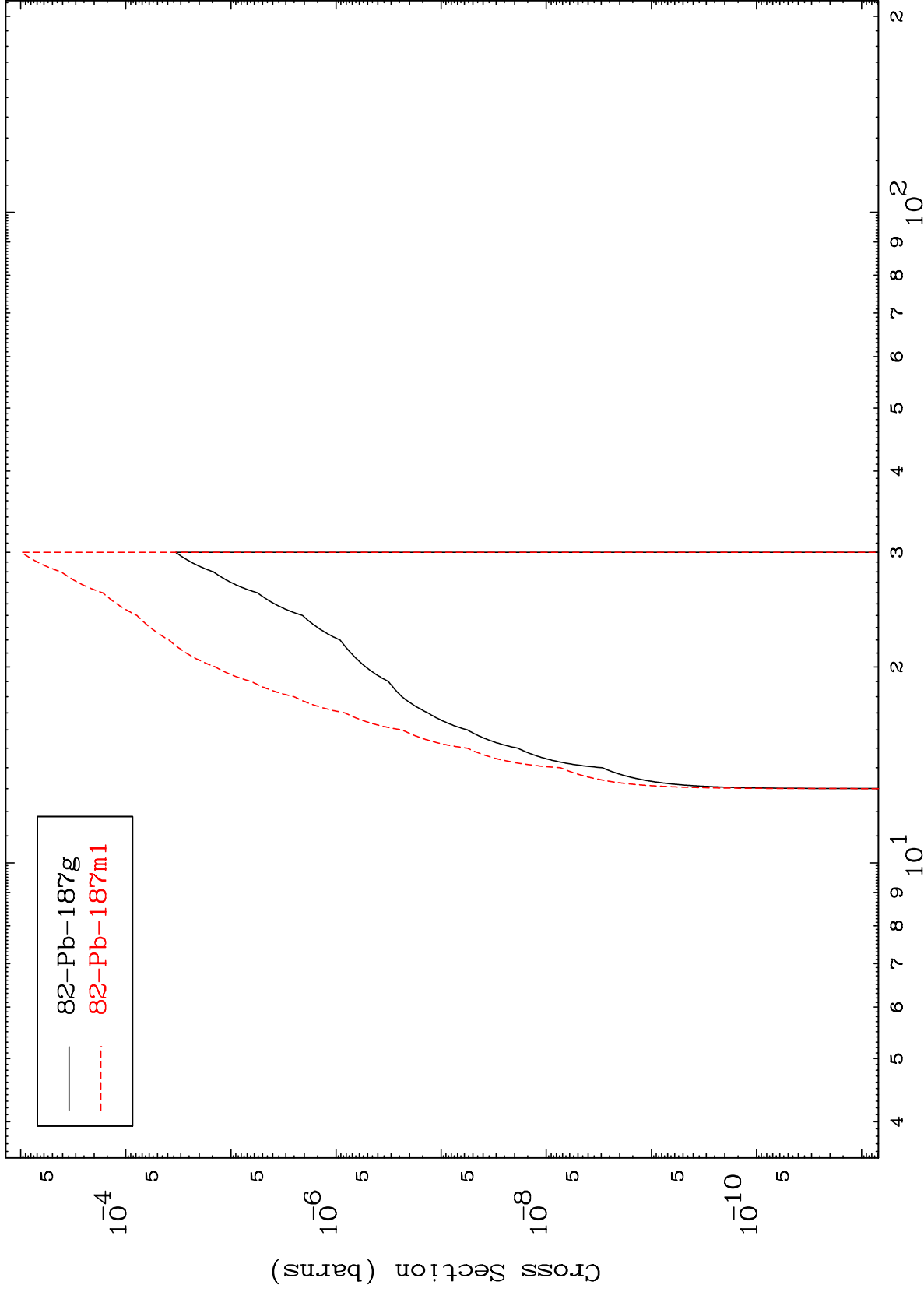


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$(n,2n) \alpha$

83-Bi-191

Radionuclide Production Cross Section



14

Incident Energy (MeV)

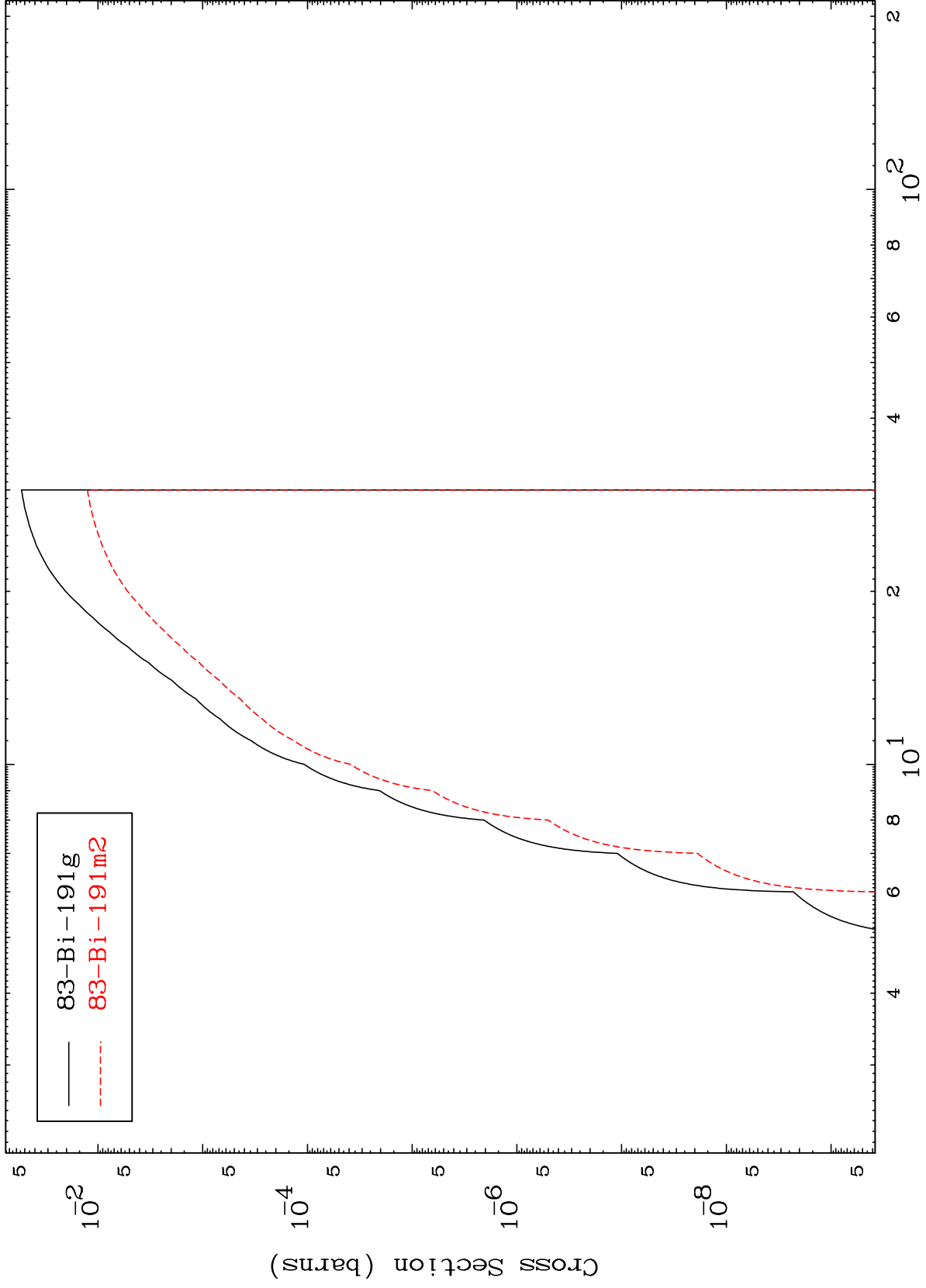
83-Bi-191

MAT 8271

83-Bi-191

(n,n') p

Radionuclide Production Cross Section



15

Incident Energy (MeV)

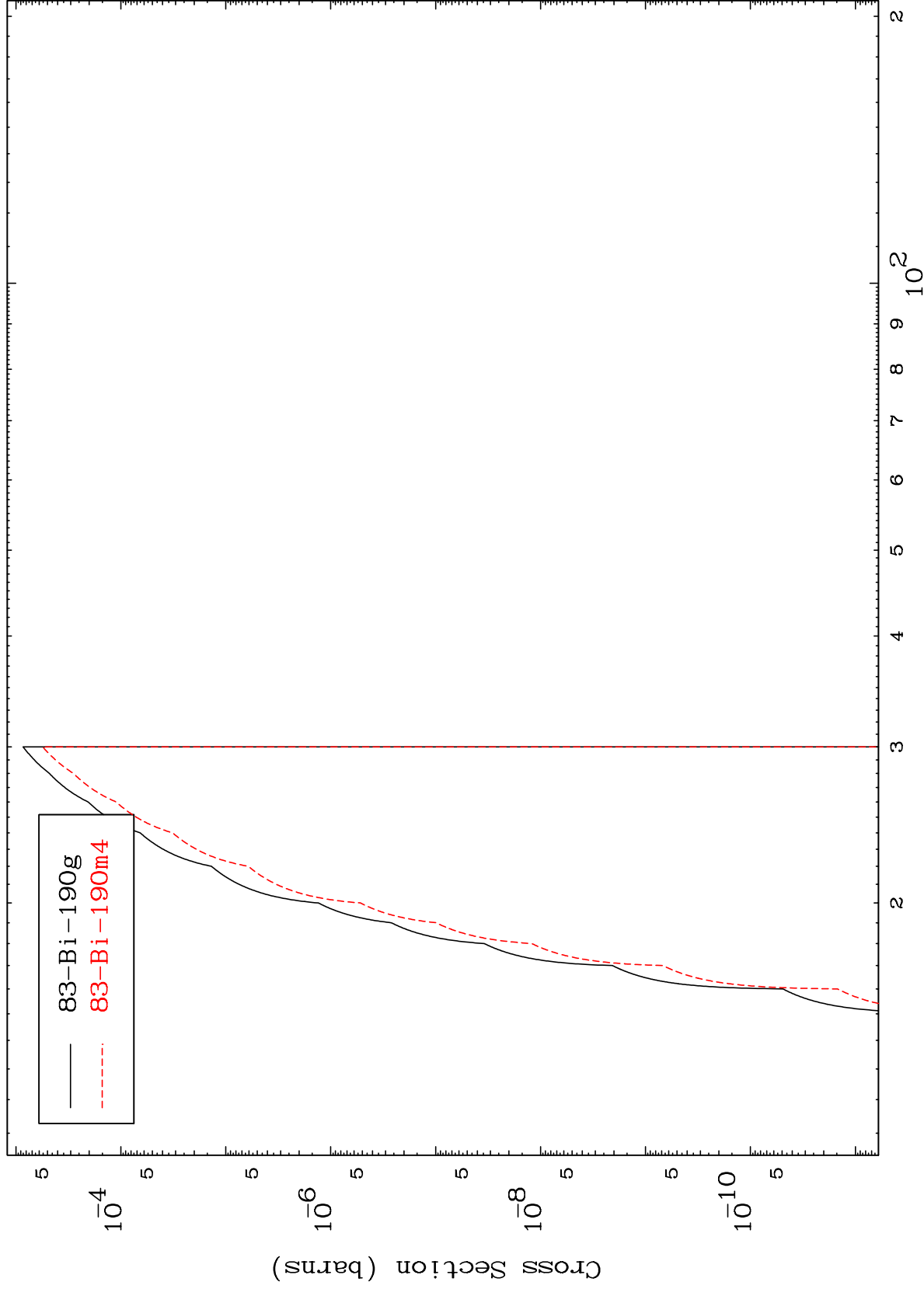
83-Bi-191



MAT 8271

83-Bi-191

(n,n') d  
Radionuclide Production Cross Section



83-Bi-191

Incident Energy (MeV)

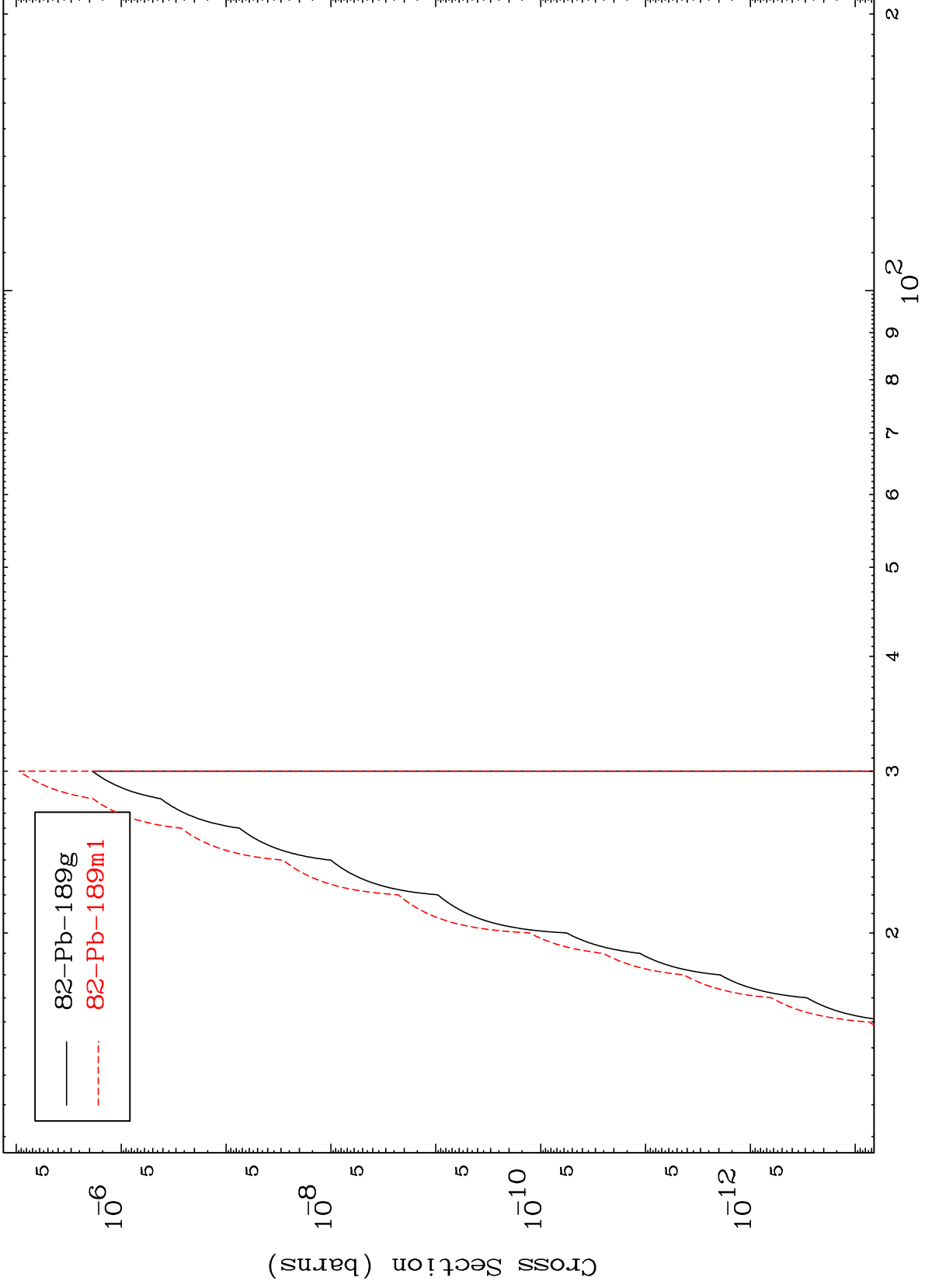
16

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(n,n') He-3

83-Bi-191

Radionuclide Production Cross Section



17

Incident Energy (MeV)

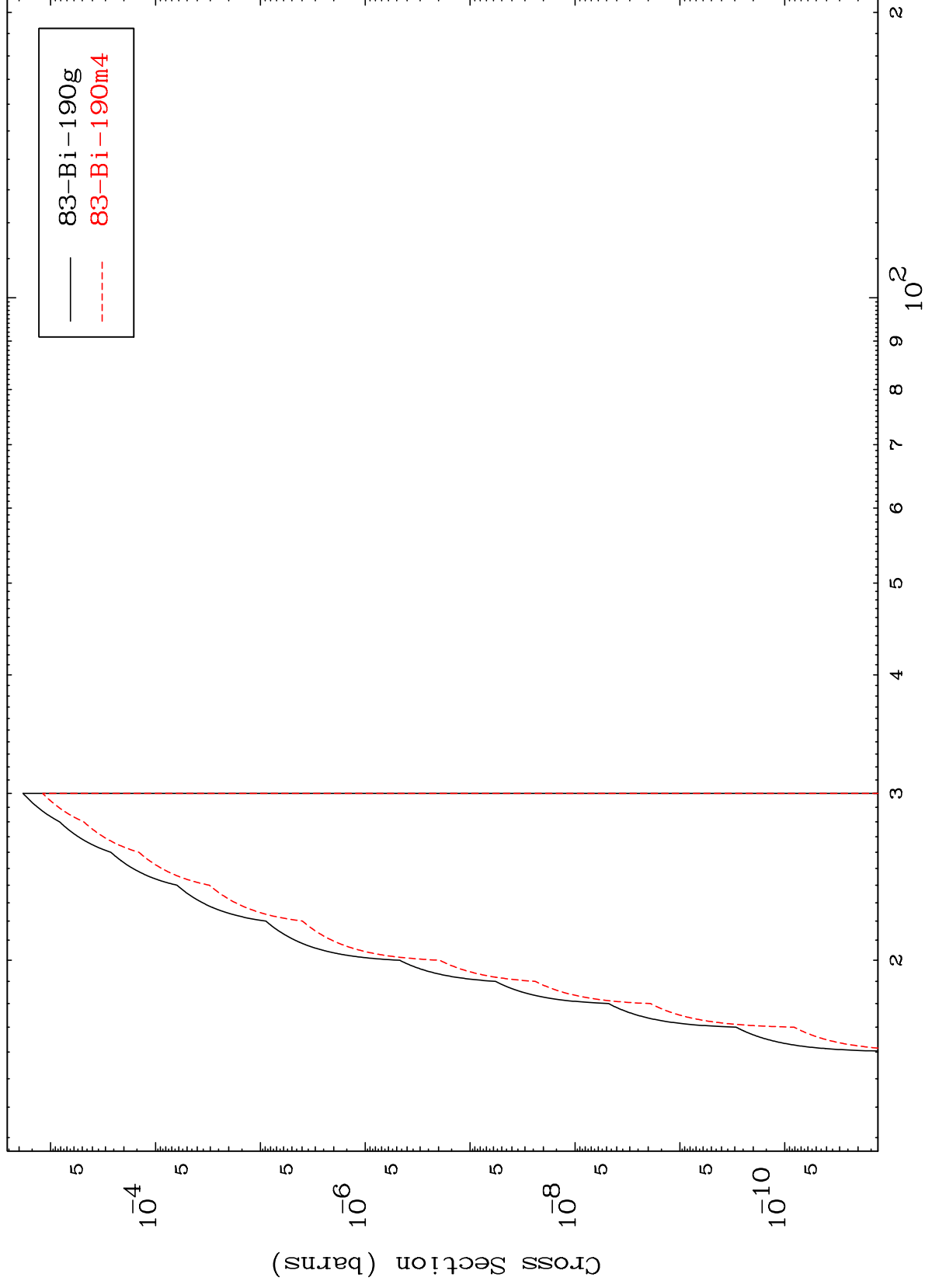
83-Bi-191

MAT 8271

83-Bi-191

(n,2n) p

Radionuclide Production Cross Section



18

Incident Energy (MeV)

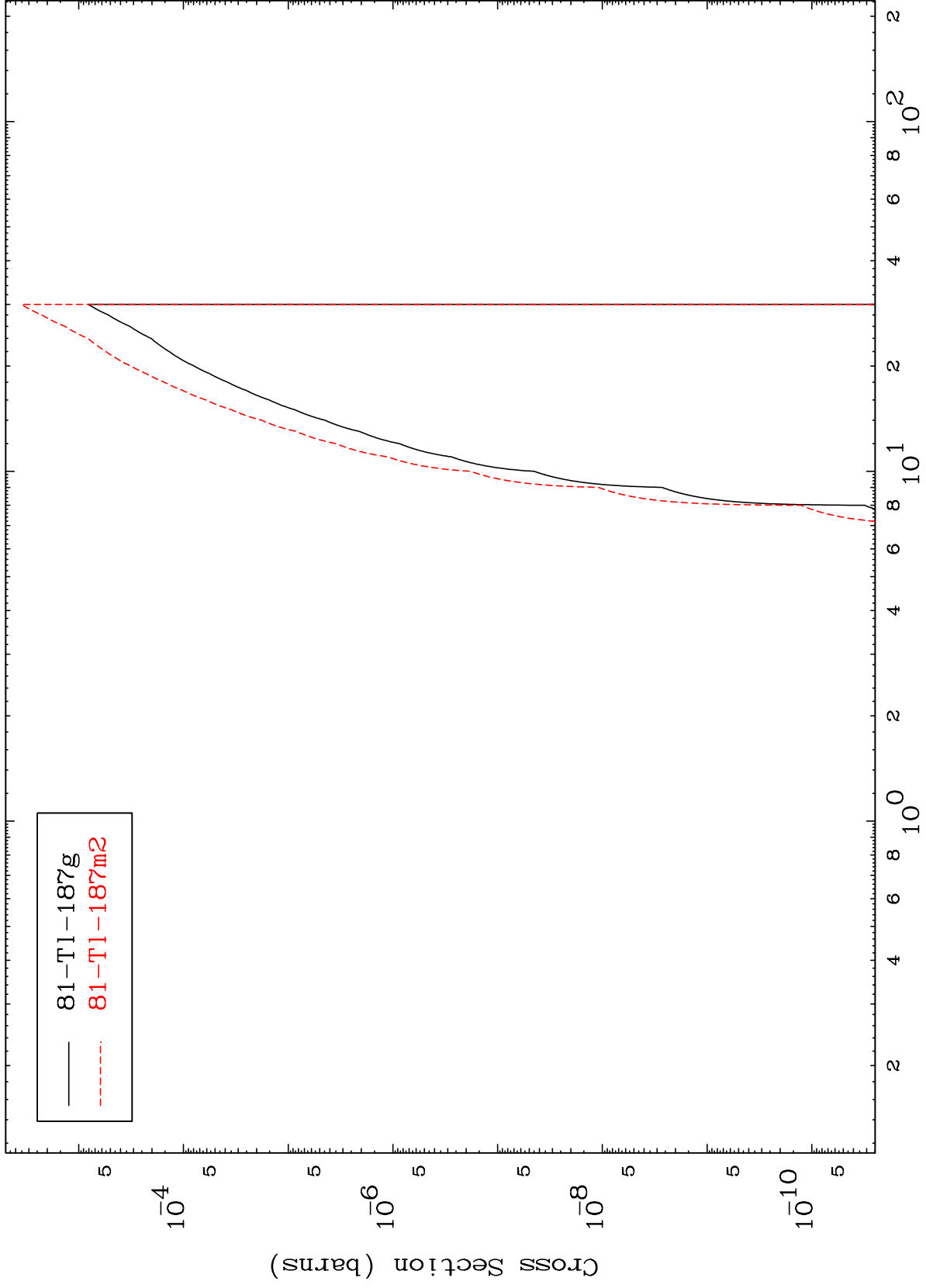
83-Bi-191

MAT 8271

(n,n') p  $\alpha$

83-Bi-191

Radionuclide Production Cross Section



19

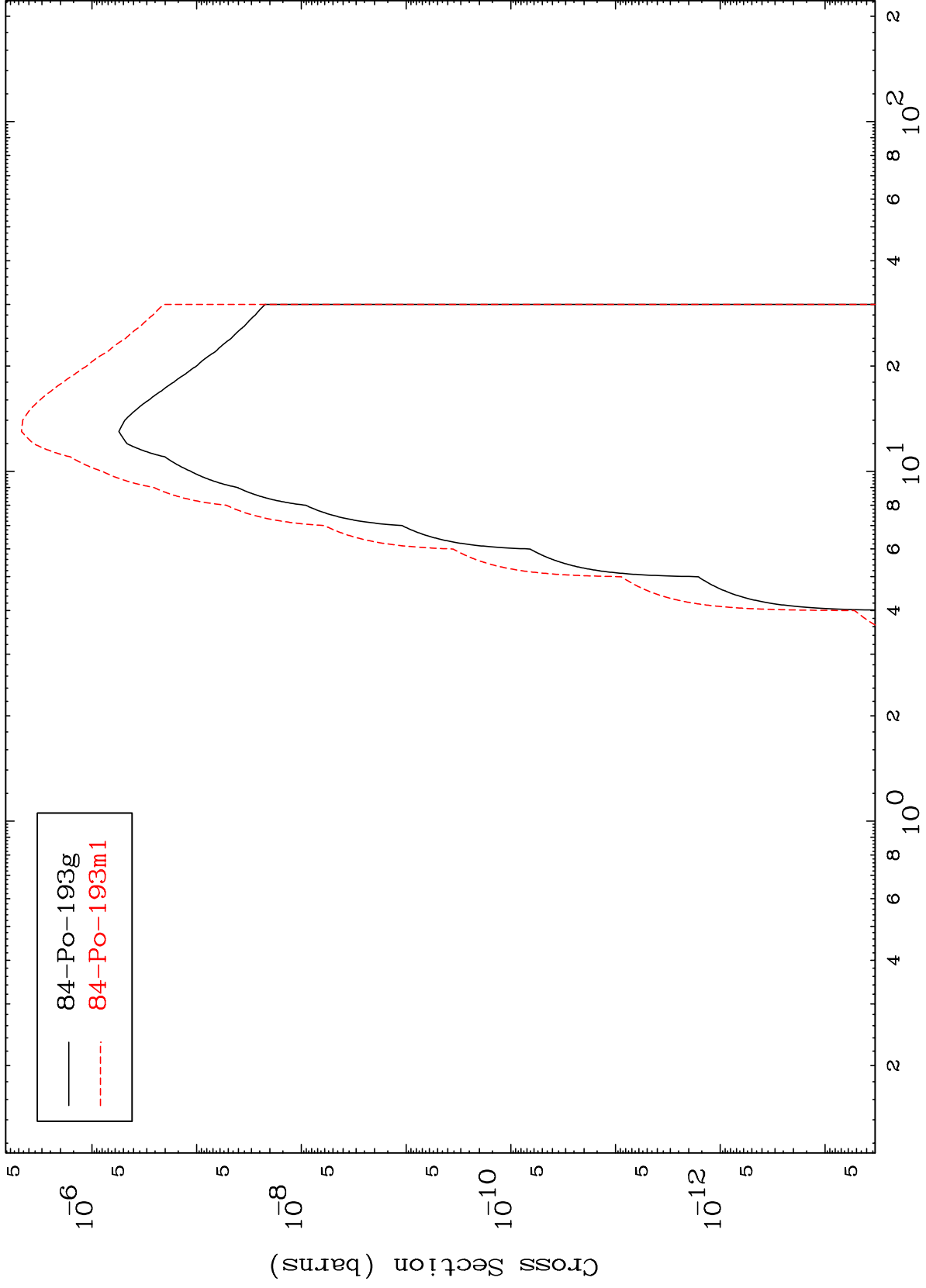
Incident Energy (MeV)

83-Bi-191

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83-Bi-191

(n,γ)  
Radionuclide Production Cross Section



20

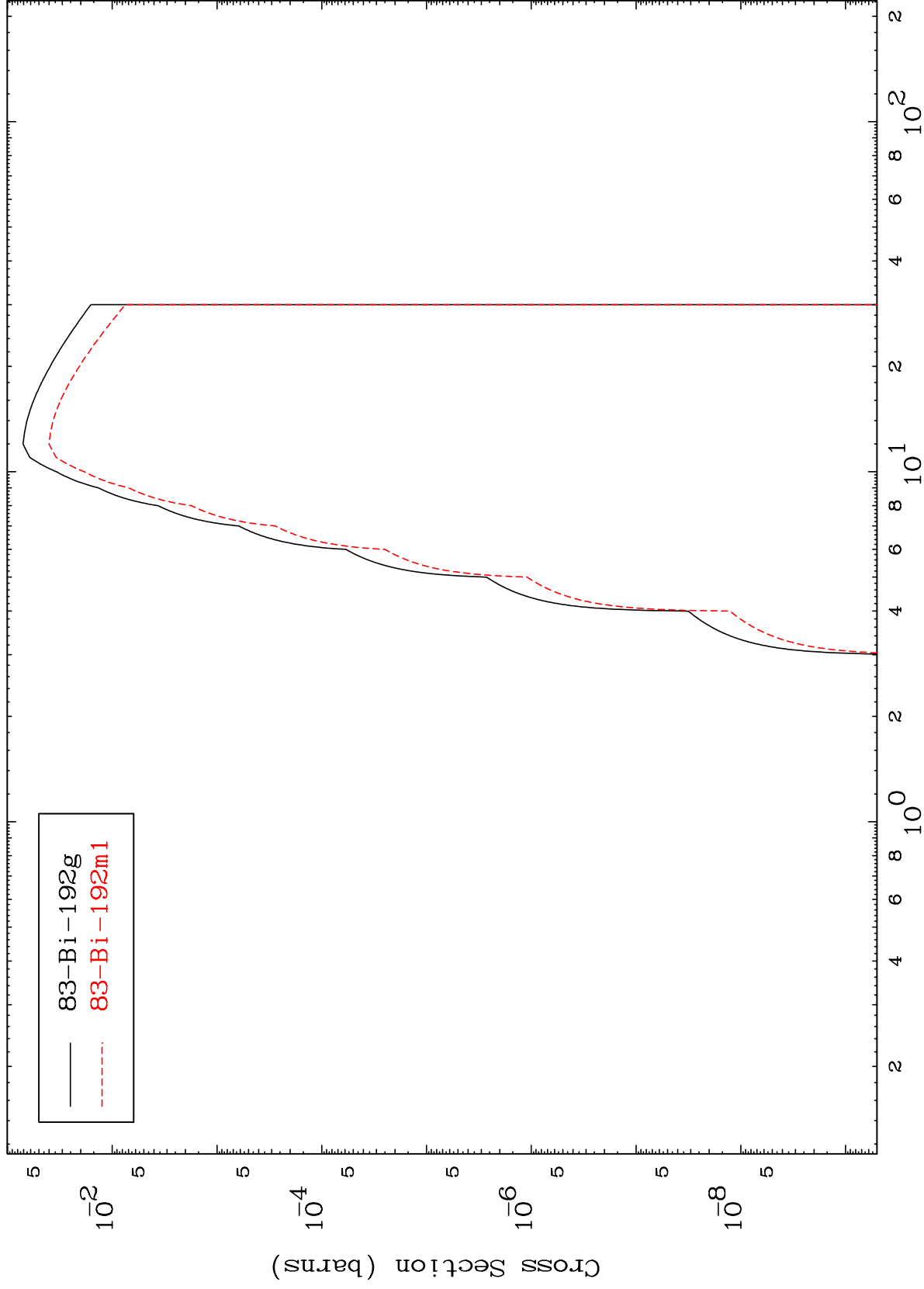
83-Bi-191

Incident Energy (MeV)

MAT 8271

83-Bi-191

(n,p)  
Radionuclide Production Cross Section



— 83-Bi-192g  
- - - 83-Bi-192m1

83-Bi-191

Incident Energy (MeV)

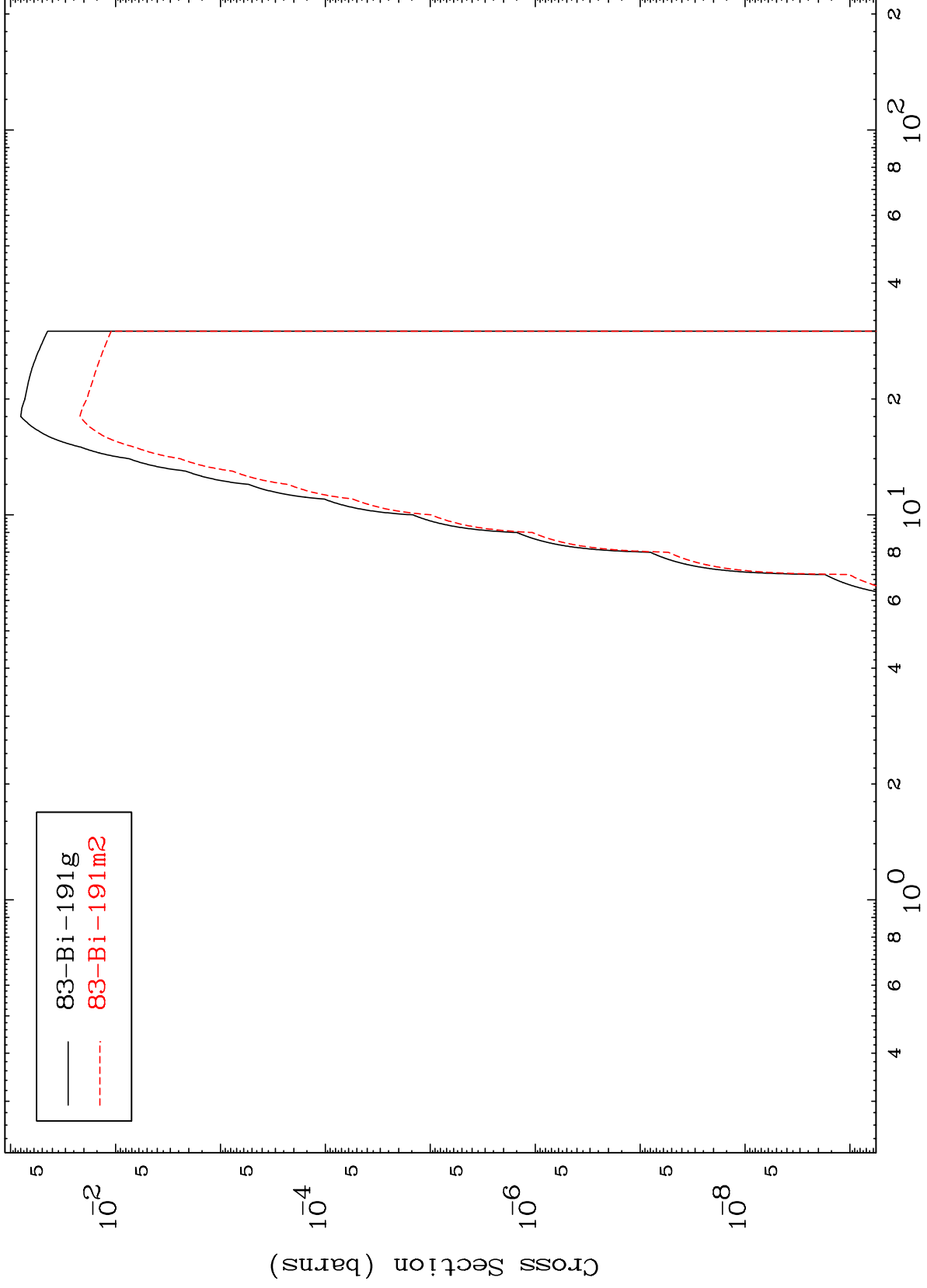
21

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(n,d)

83-Bi-191

Radionuclide Production Cross Section



22

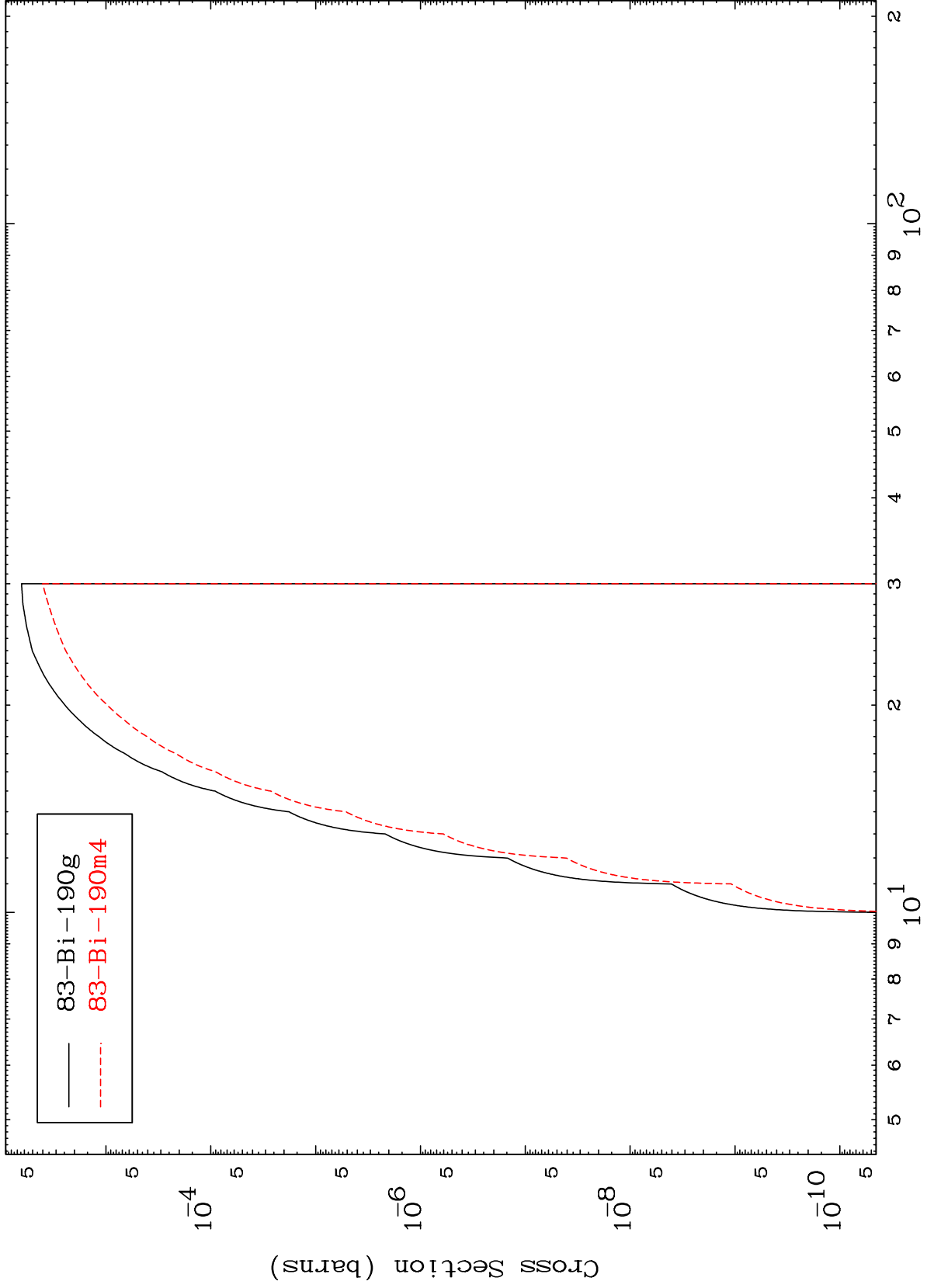
Incident Energy (MeV)

83-Bi-191

MAT 8271

83-Bi-191

(n, t)  
Radionuclide Production Cross Section



23

Incident Energy (MeV)

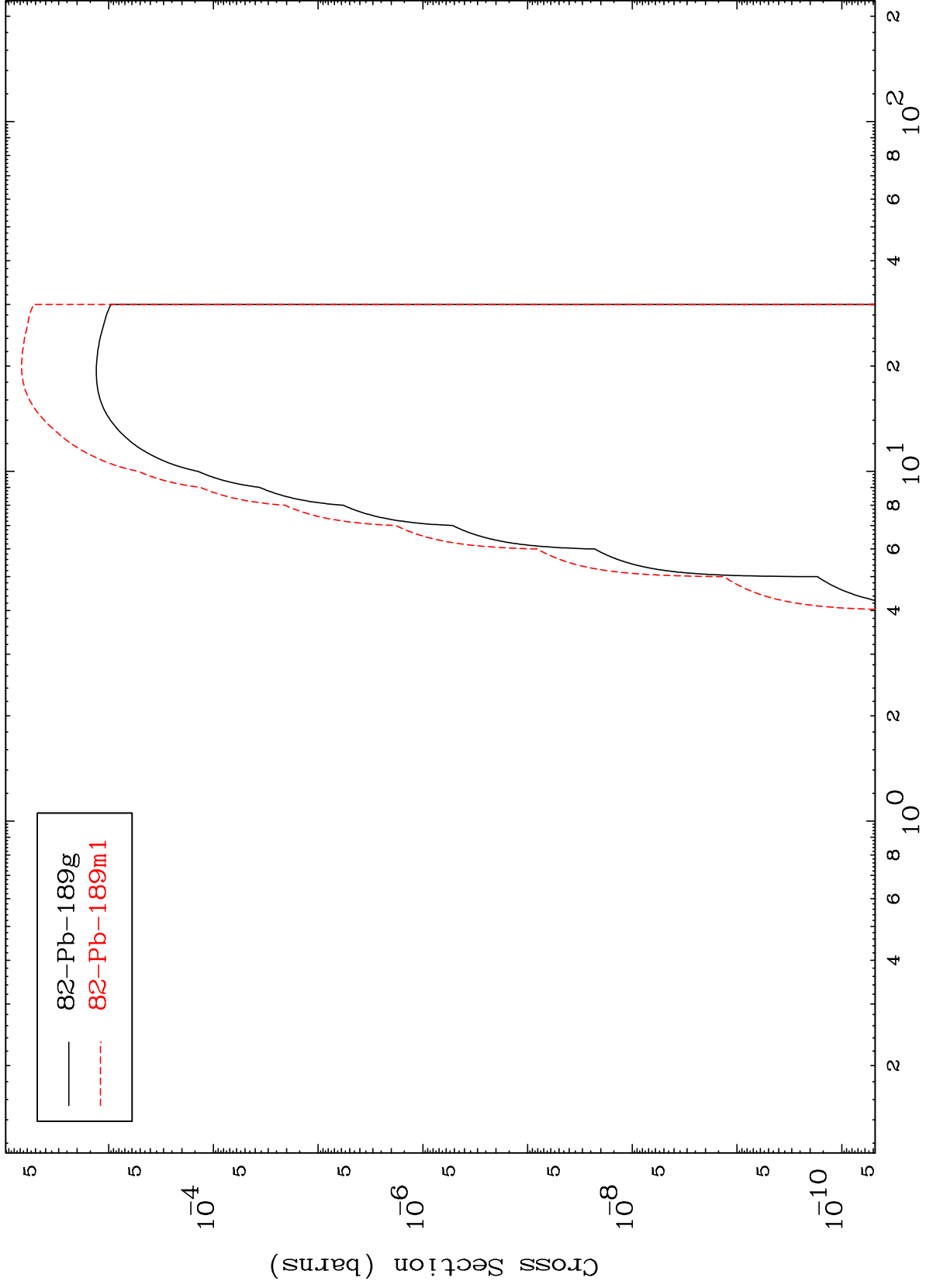
83-Bi-191



MAT 8271

83-Bi-191

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



24

83-Bi-191

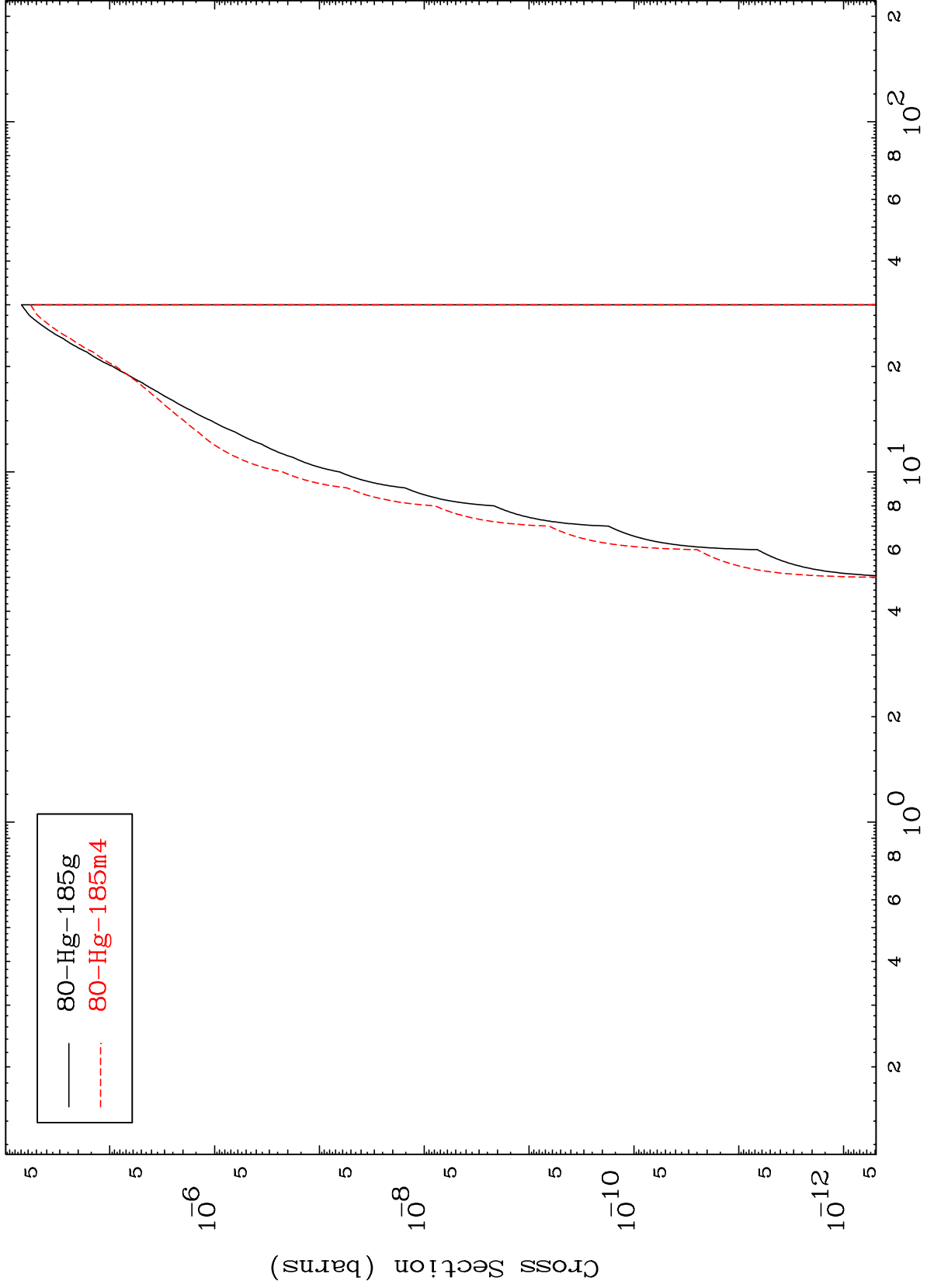
Incident Energy (MeV)

MAT 8271

(n,2α)

83-Bi-191

Radionuclide Production Cross Section



25

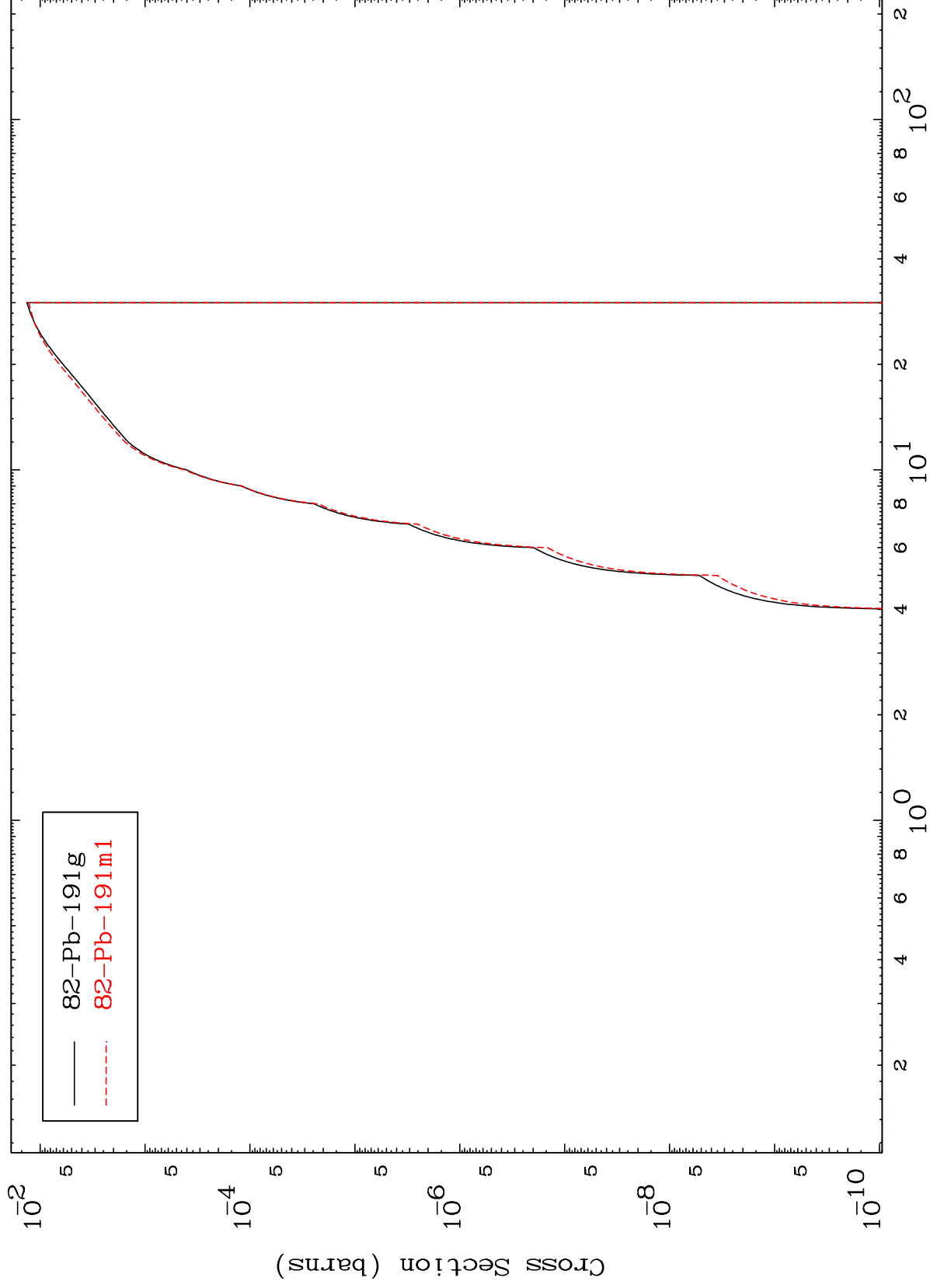
Incident Energy (MeV)

83-Bi-191

MAT 8271

83-Bi-191

(n,2p)  
Radionuclide Production Cross Section



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83-Bi-191

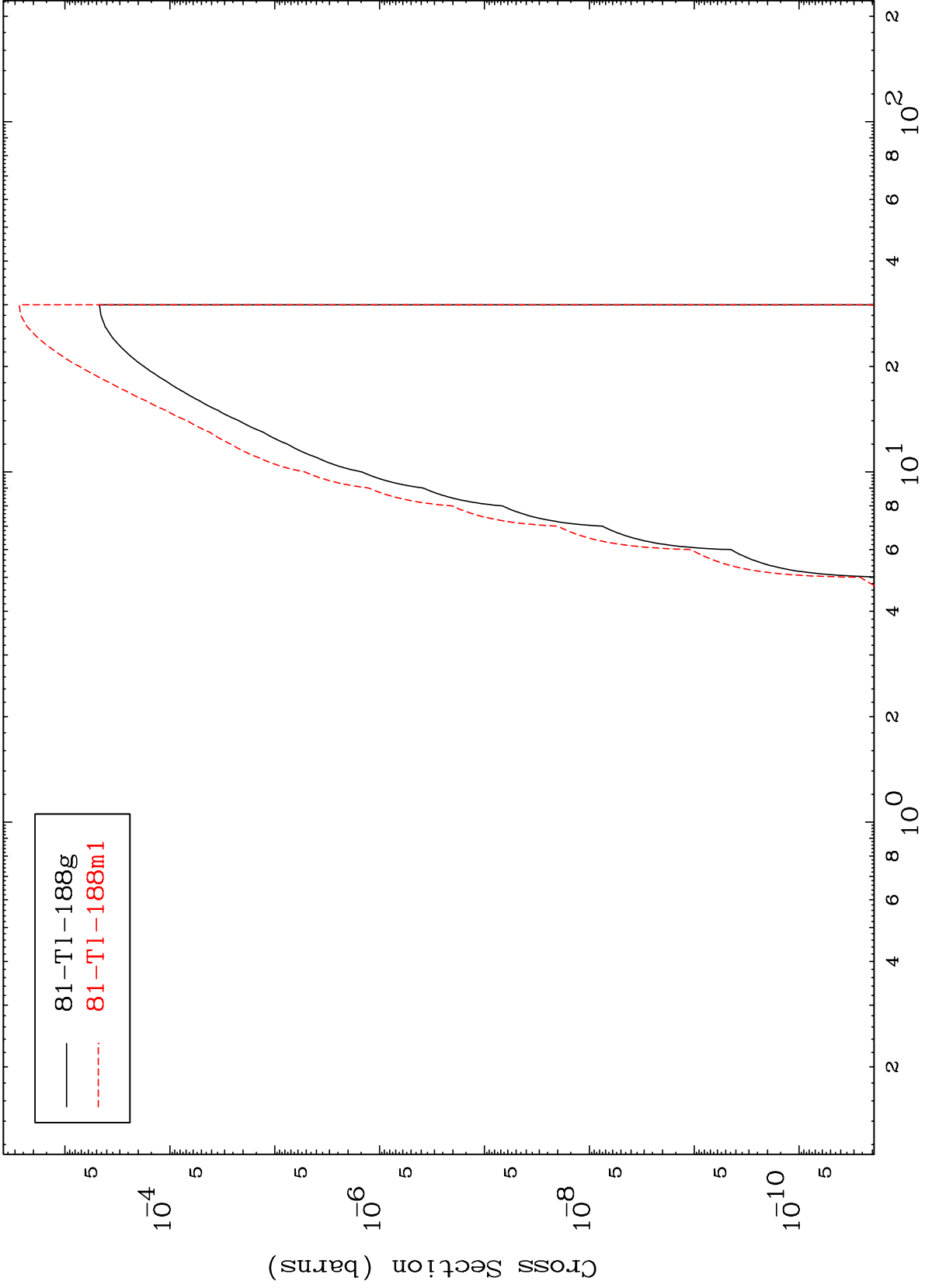
Incident Energy (MeV)

MAT 8271

(n,p)  $\alpha$

83-Bi-191

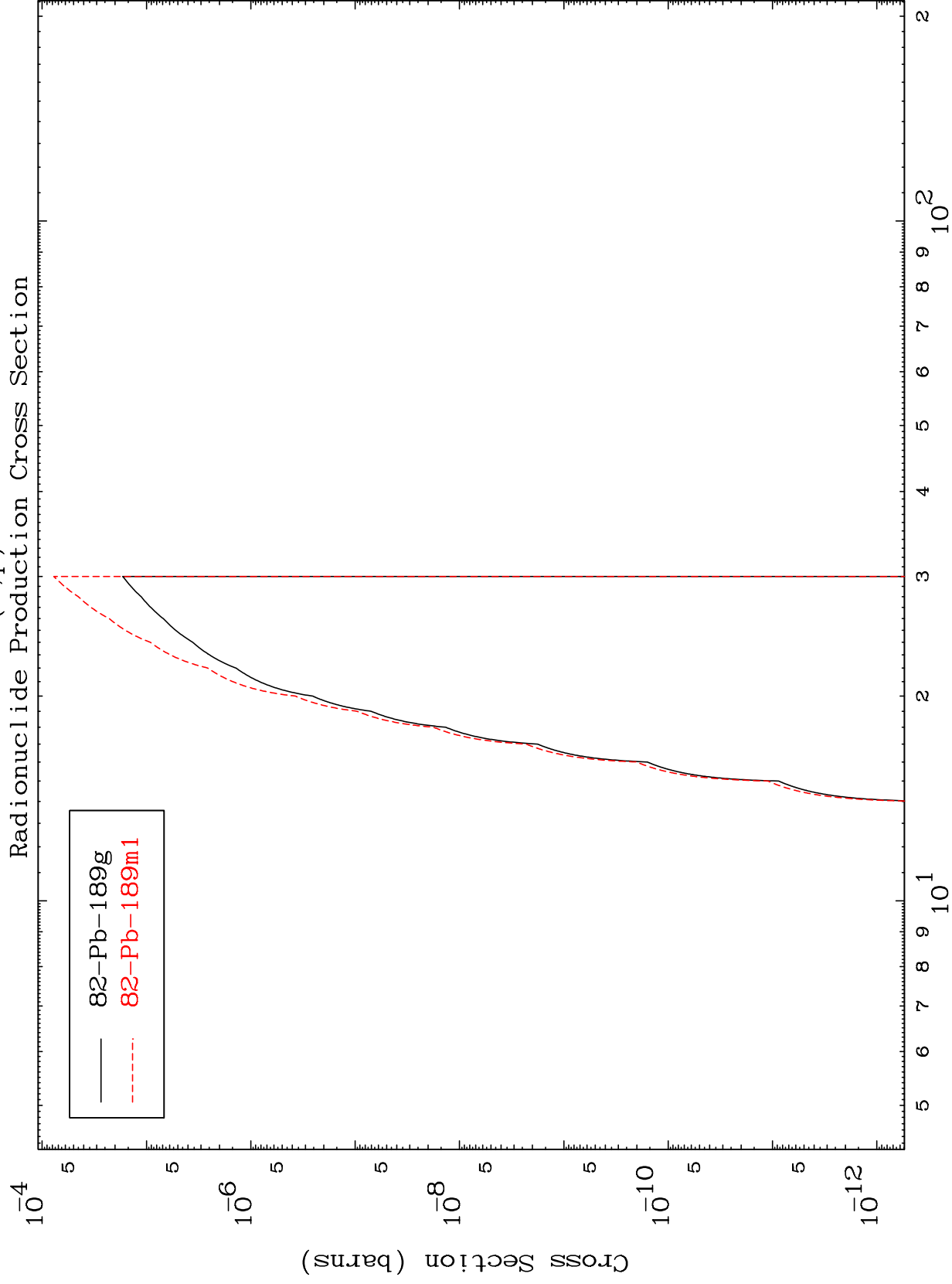
Radionuclide Production Cross Section



MAT 8271

(n,p) t

83-Bi-191



28

Incident Energy (MeV)

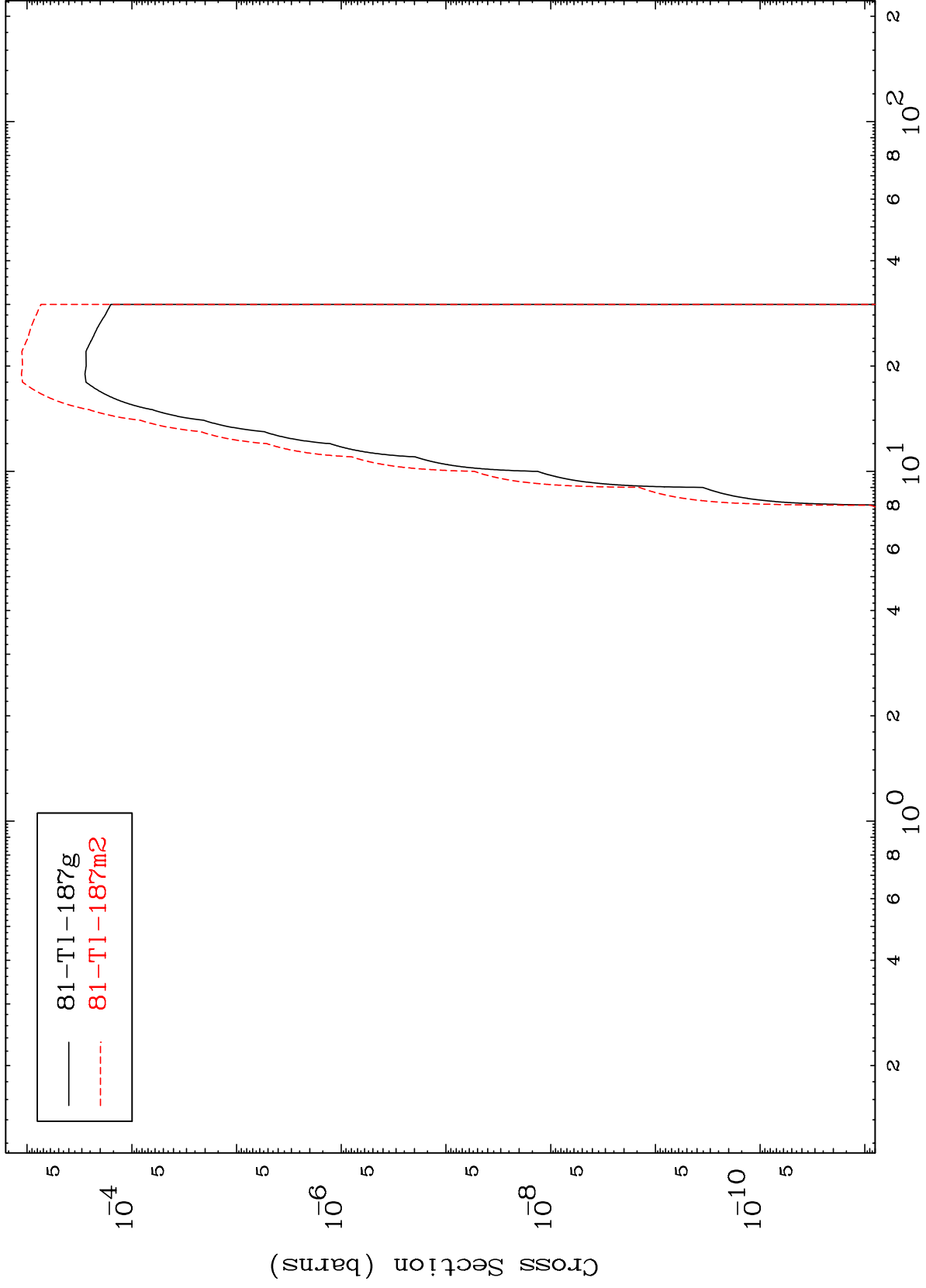
83-Bi-191

MAT 8271

(n,d)  $\alpha$

83-Bi-191

Radionuclide Production Cross Section



29

Incident Energy (MeV)

83-Bi-191