

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

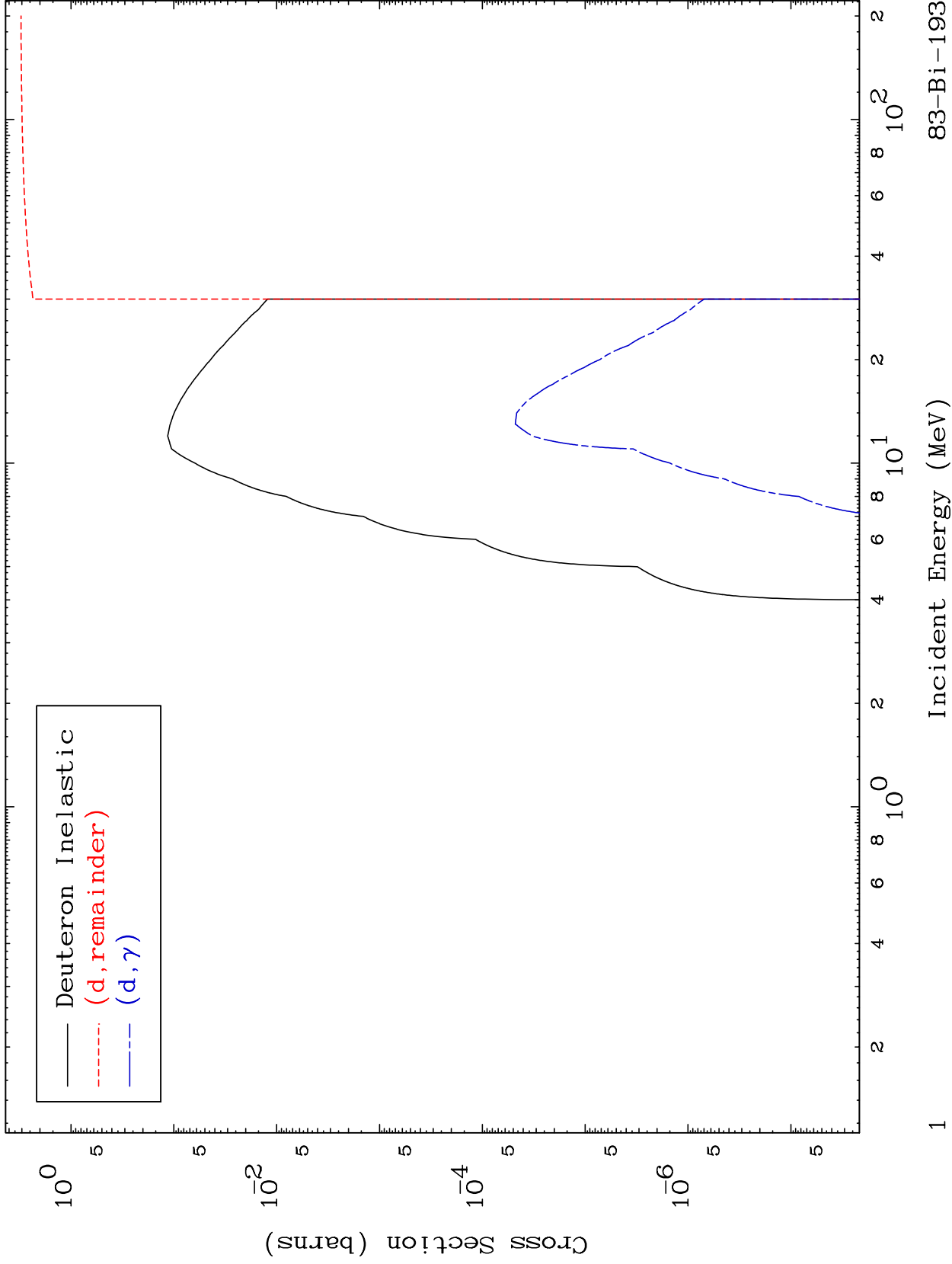
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1466 Hudson Way  
Livermore, CA 94550  
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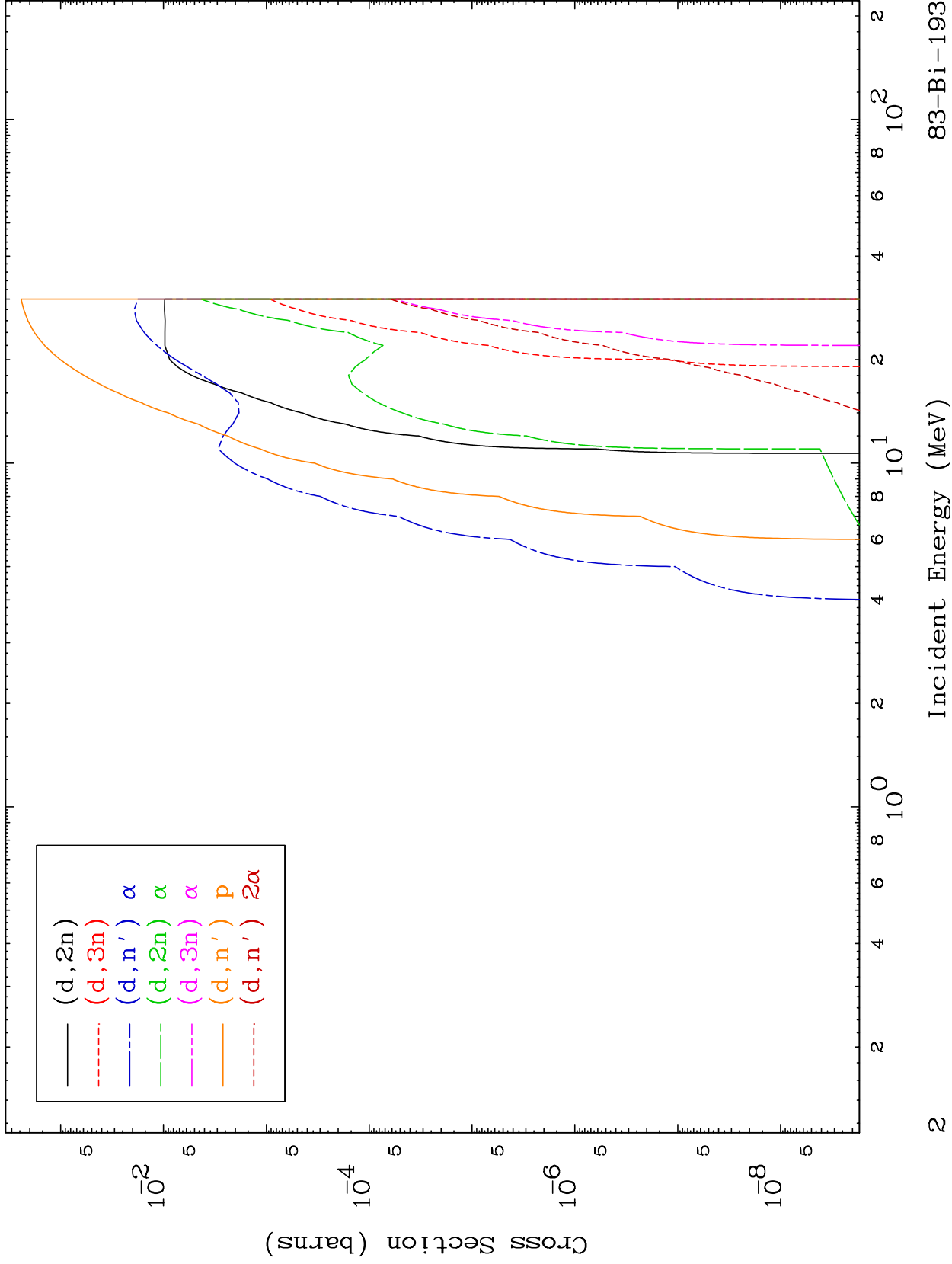
Tele: 925-443-1911

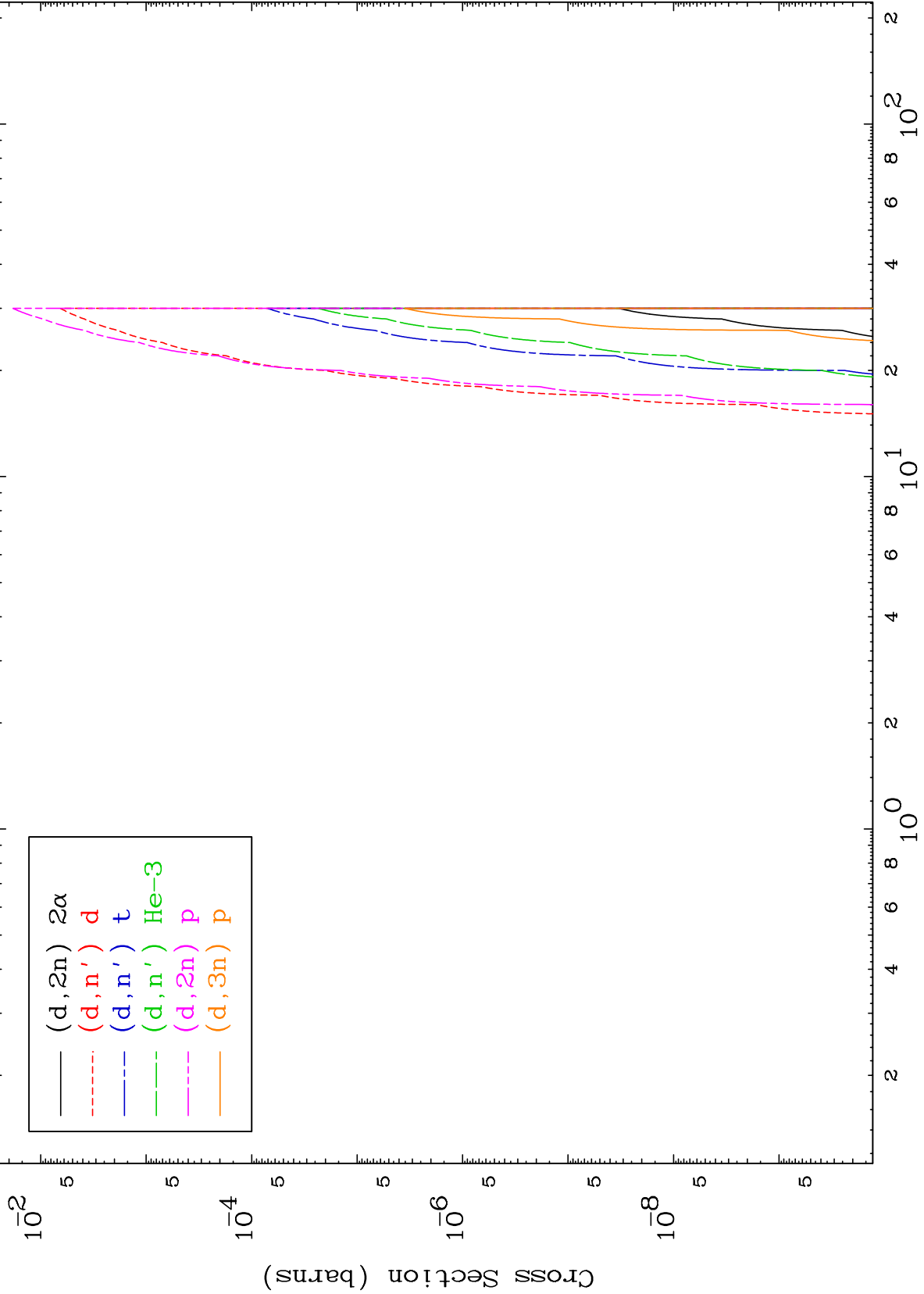
E.Mail:redcullen1@comcast.net

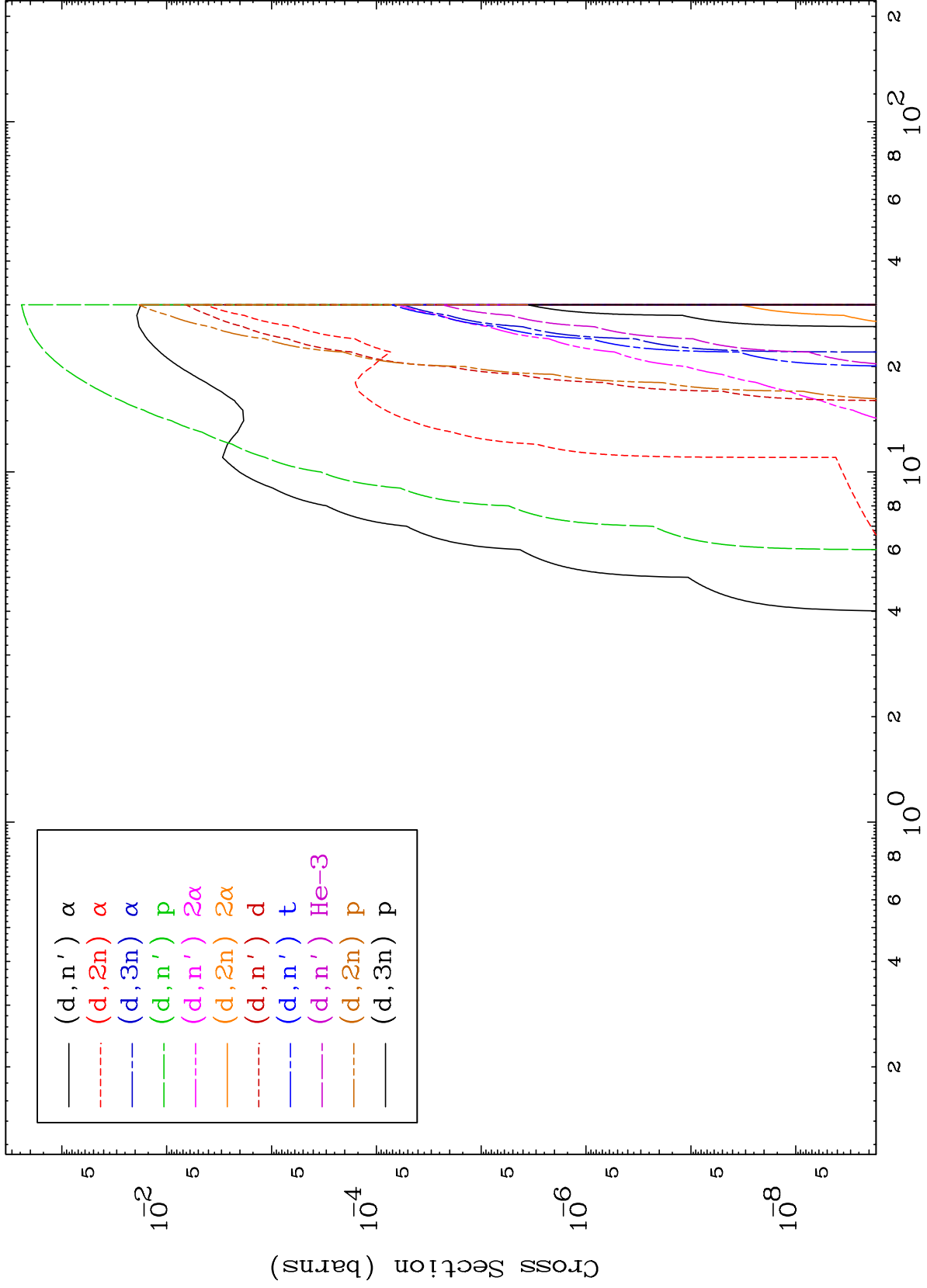
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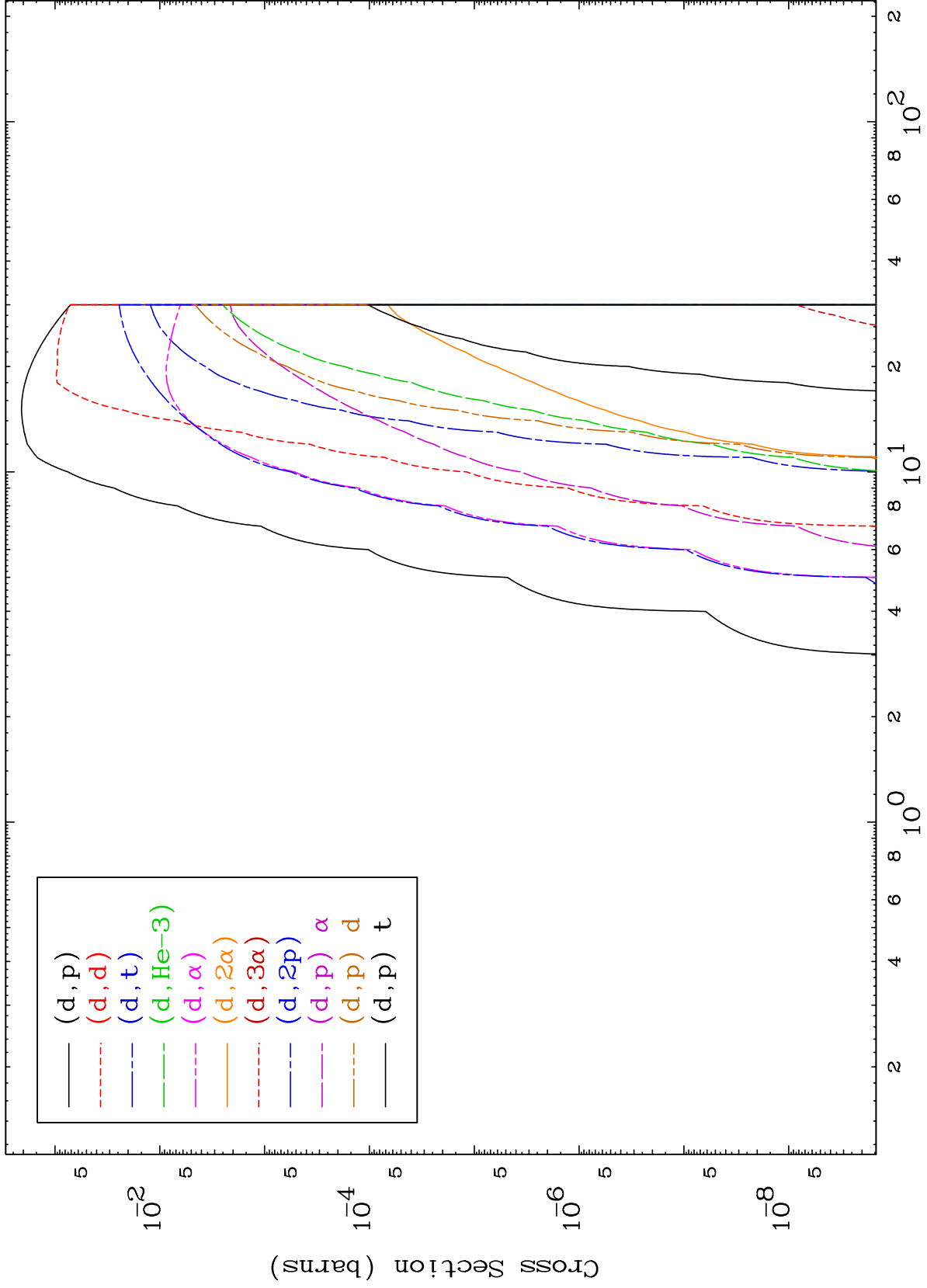
Press Mouse Button to Start









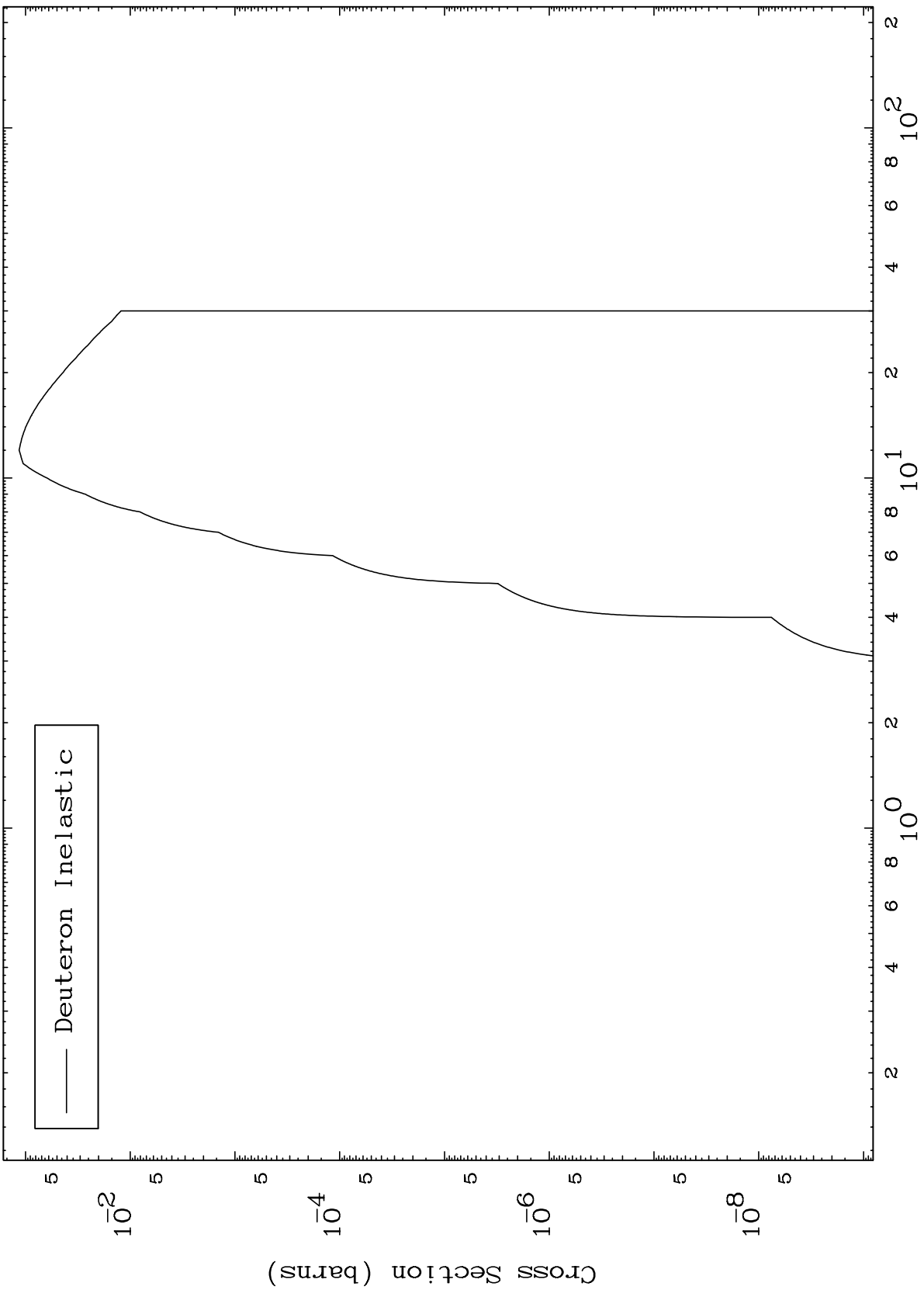


MAT 8277

(d,n') Level

83-Bi-193

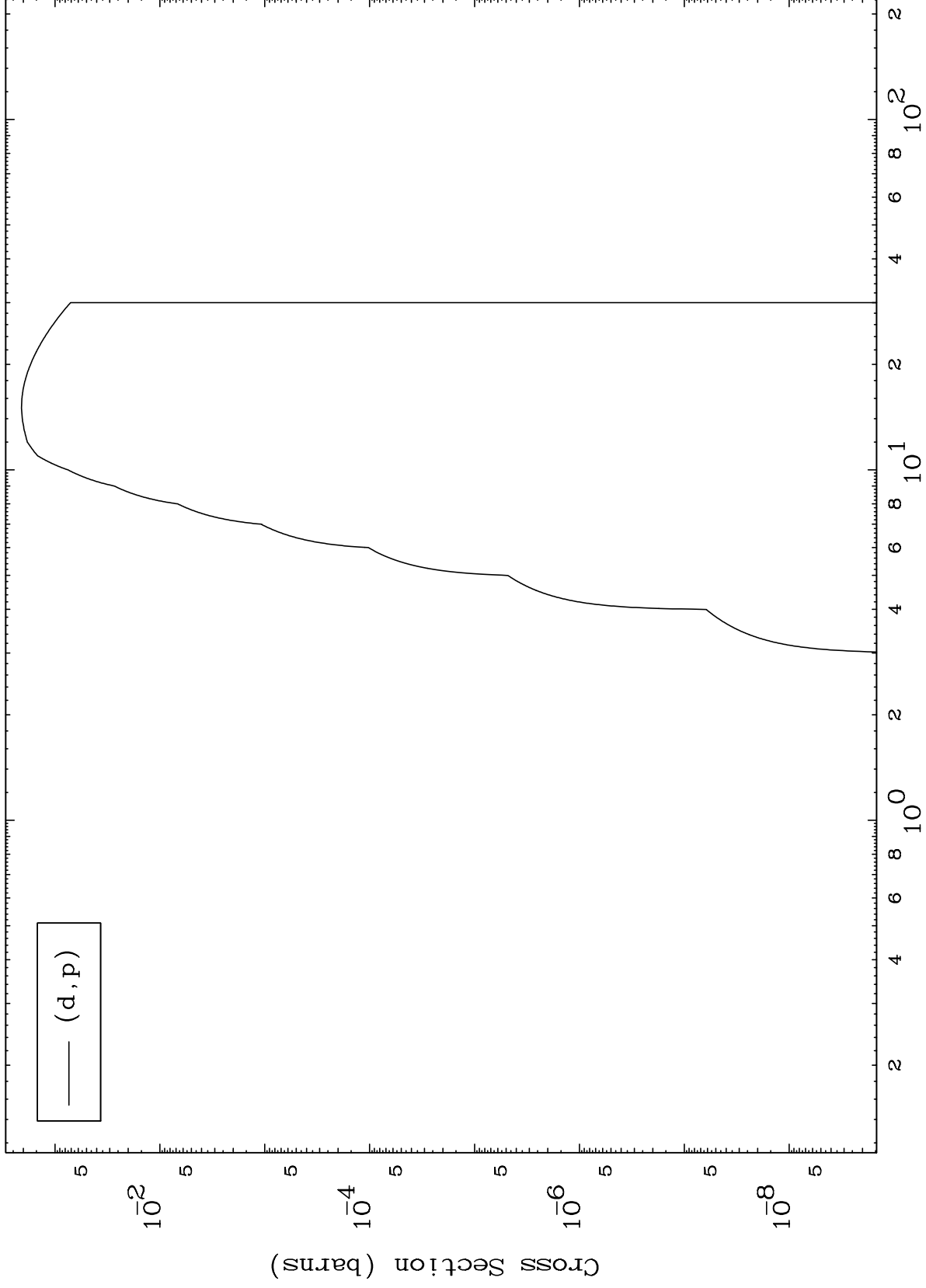
0 Kelvin Cross Sections



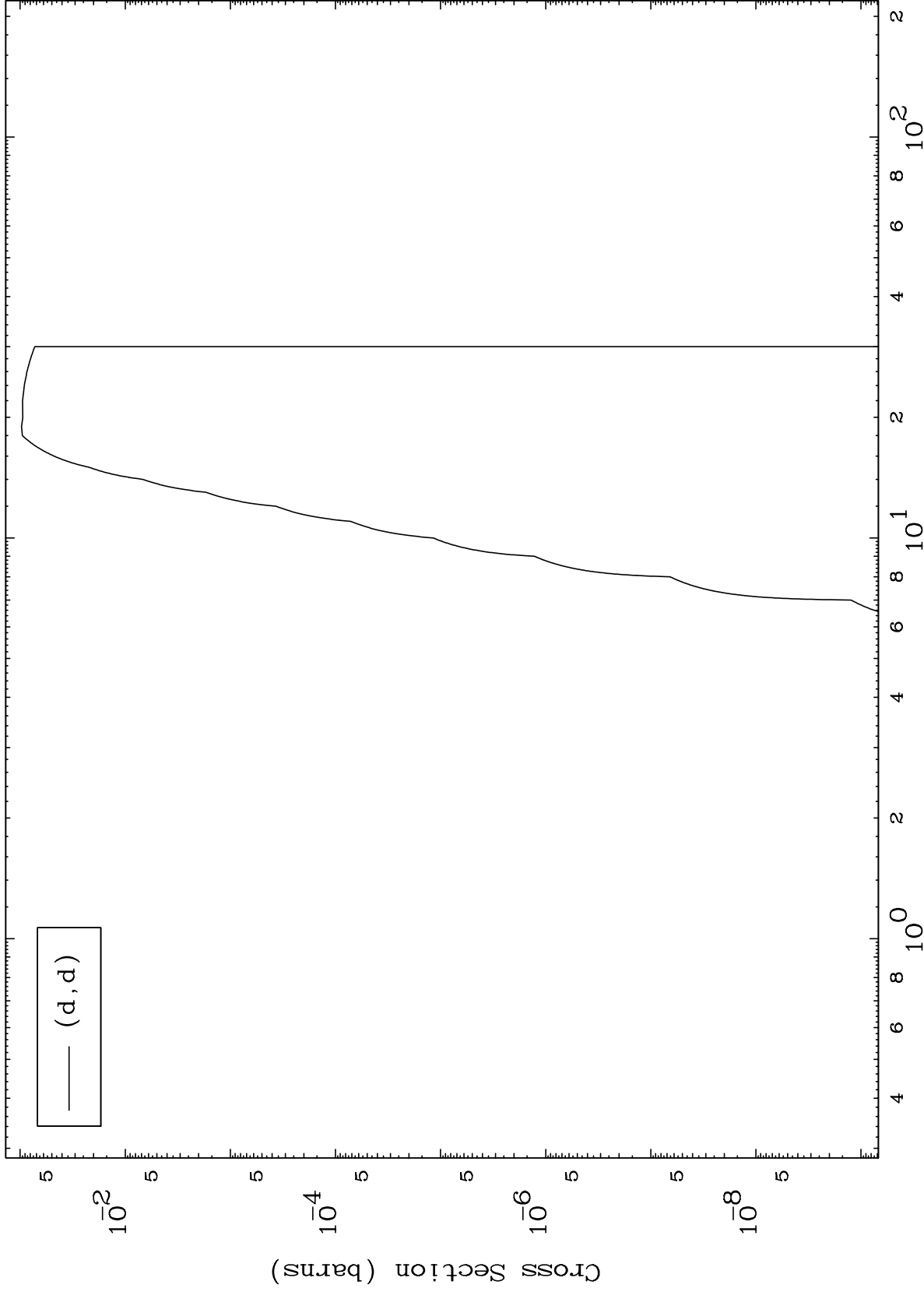
MAT 8277

(d,p) Levels  
0 Kelvin Cross Sections

83-Bi-193



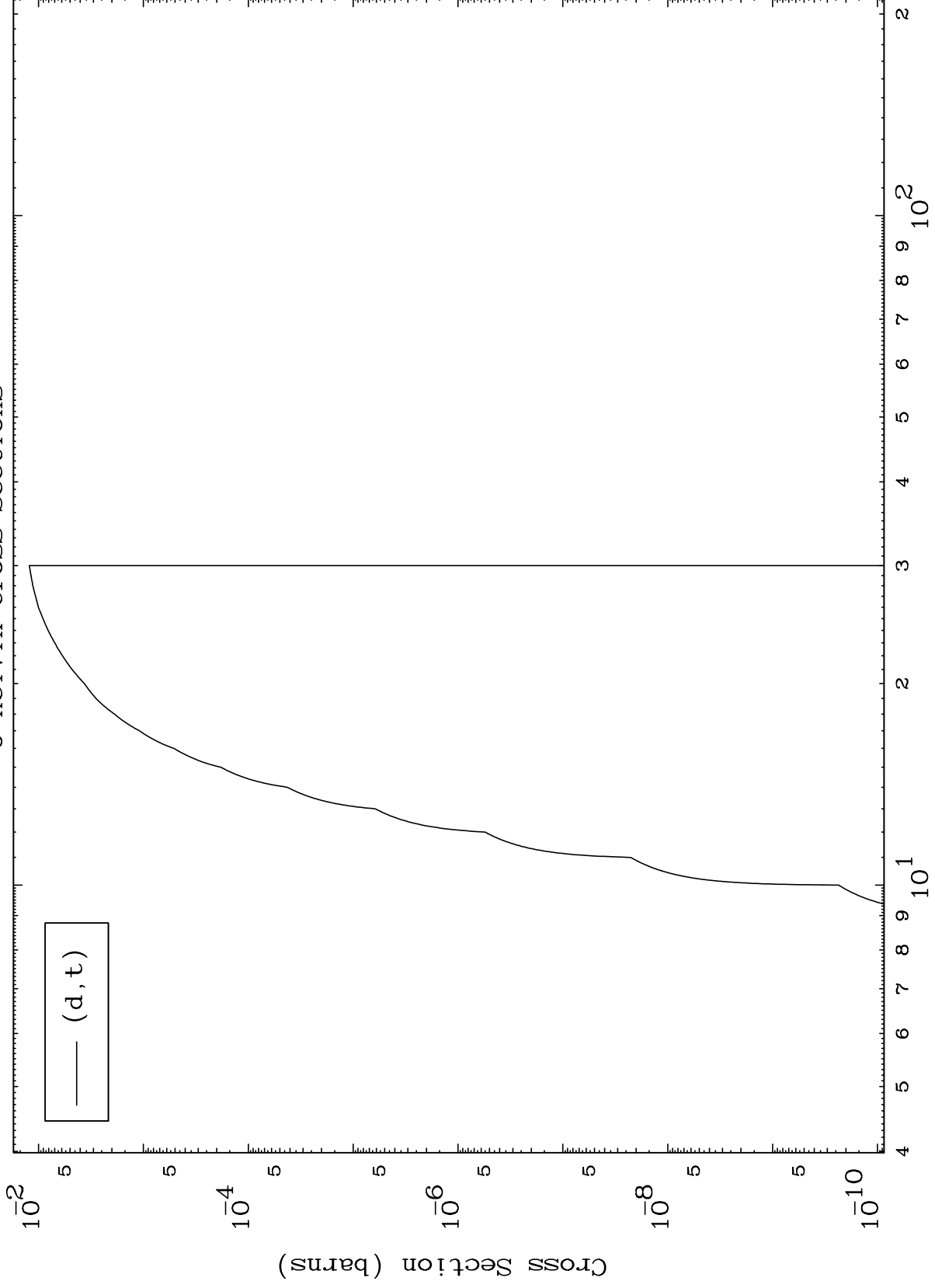




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(d,t) Levels  
0 Kelvin Cross Sections

83-Bi-193



9

Incident Energy (MeV)

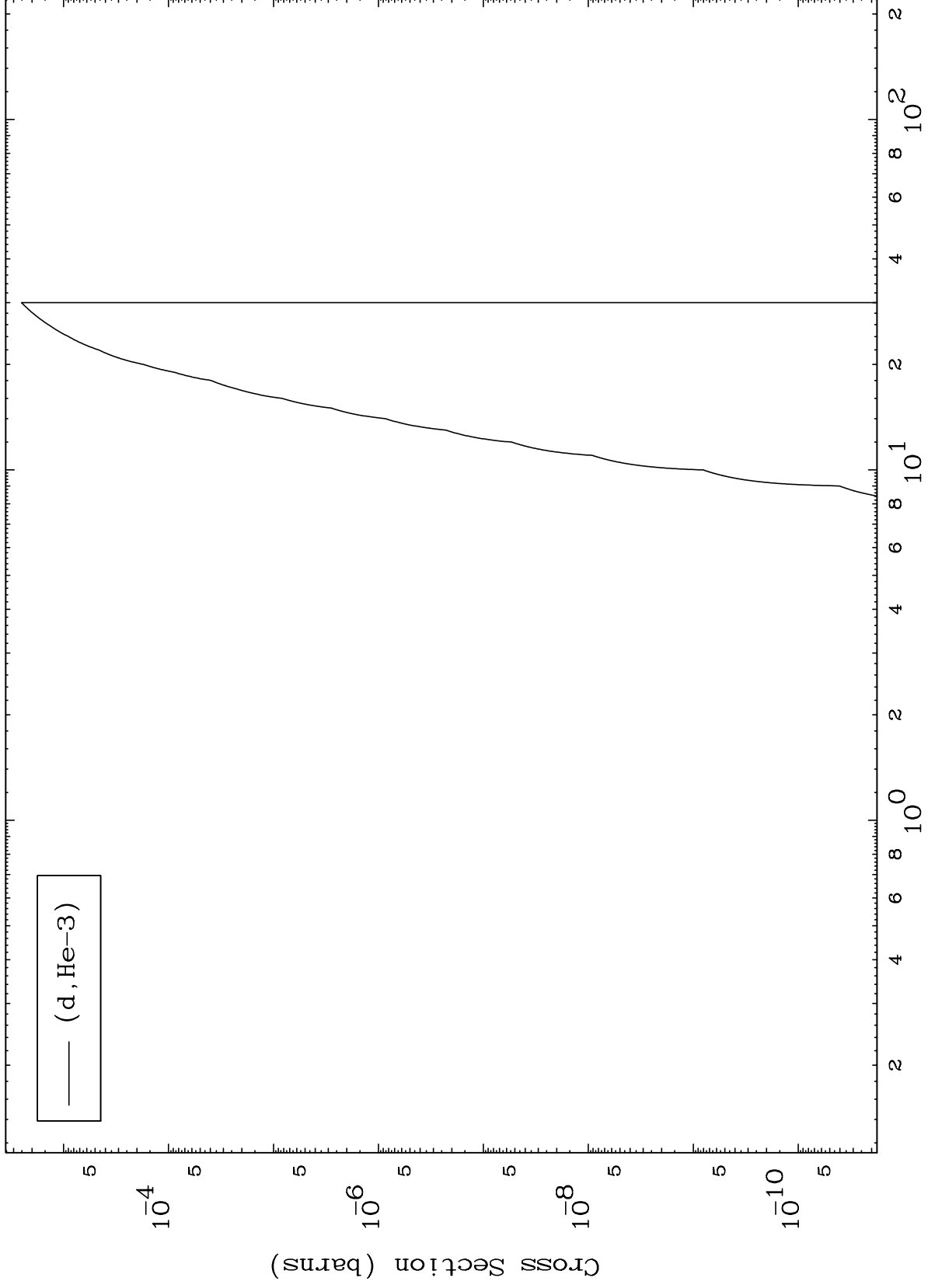
83-Bi-193

MAT 8277

(d,He3) Levels

83-Bi-193

0 Kelvin Cross Sections



10

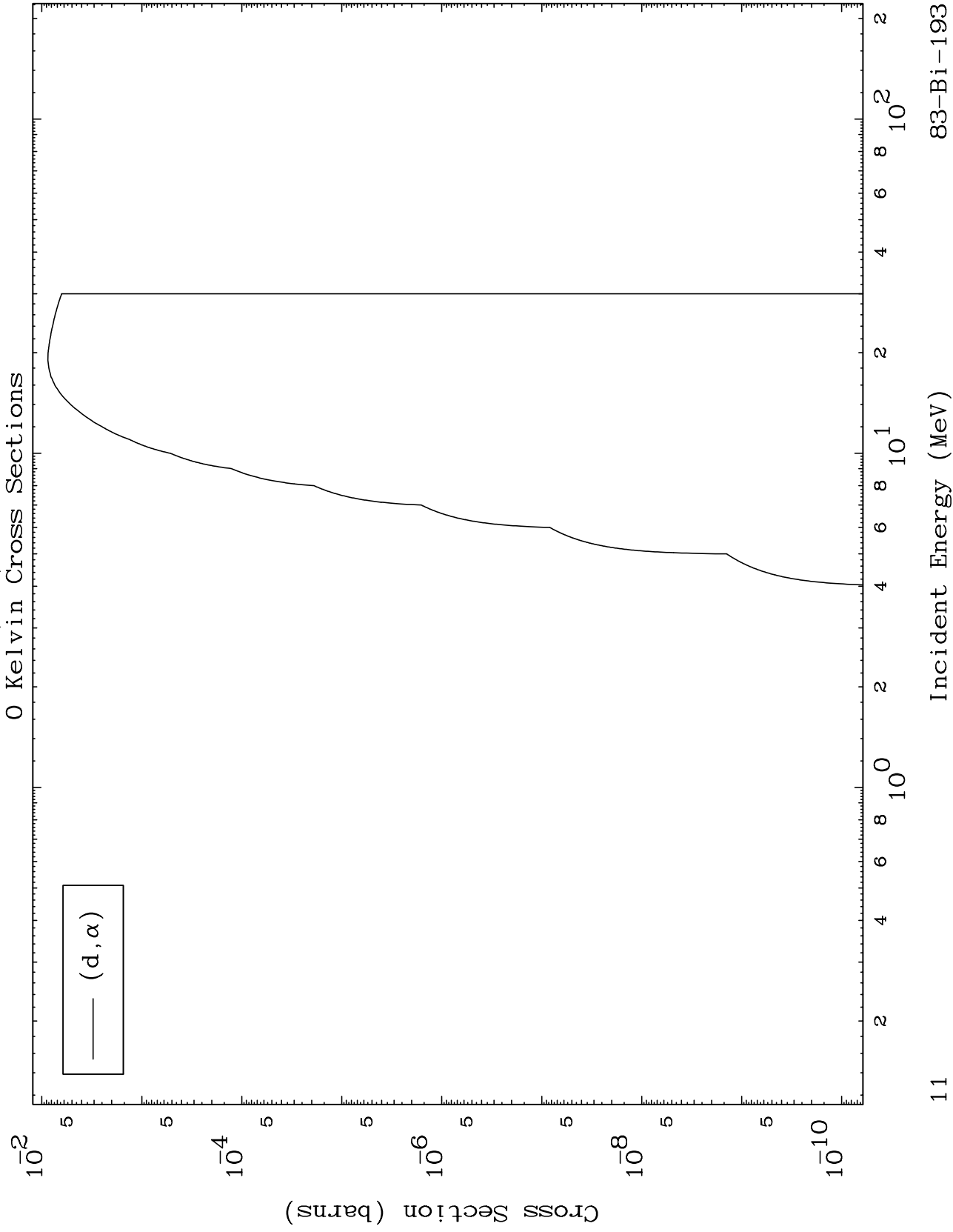
Incident Energy (MeV)

83-Bi-193

MAT 8277

(d,  $\alpha$ ) Levels

83-Bi-193

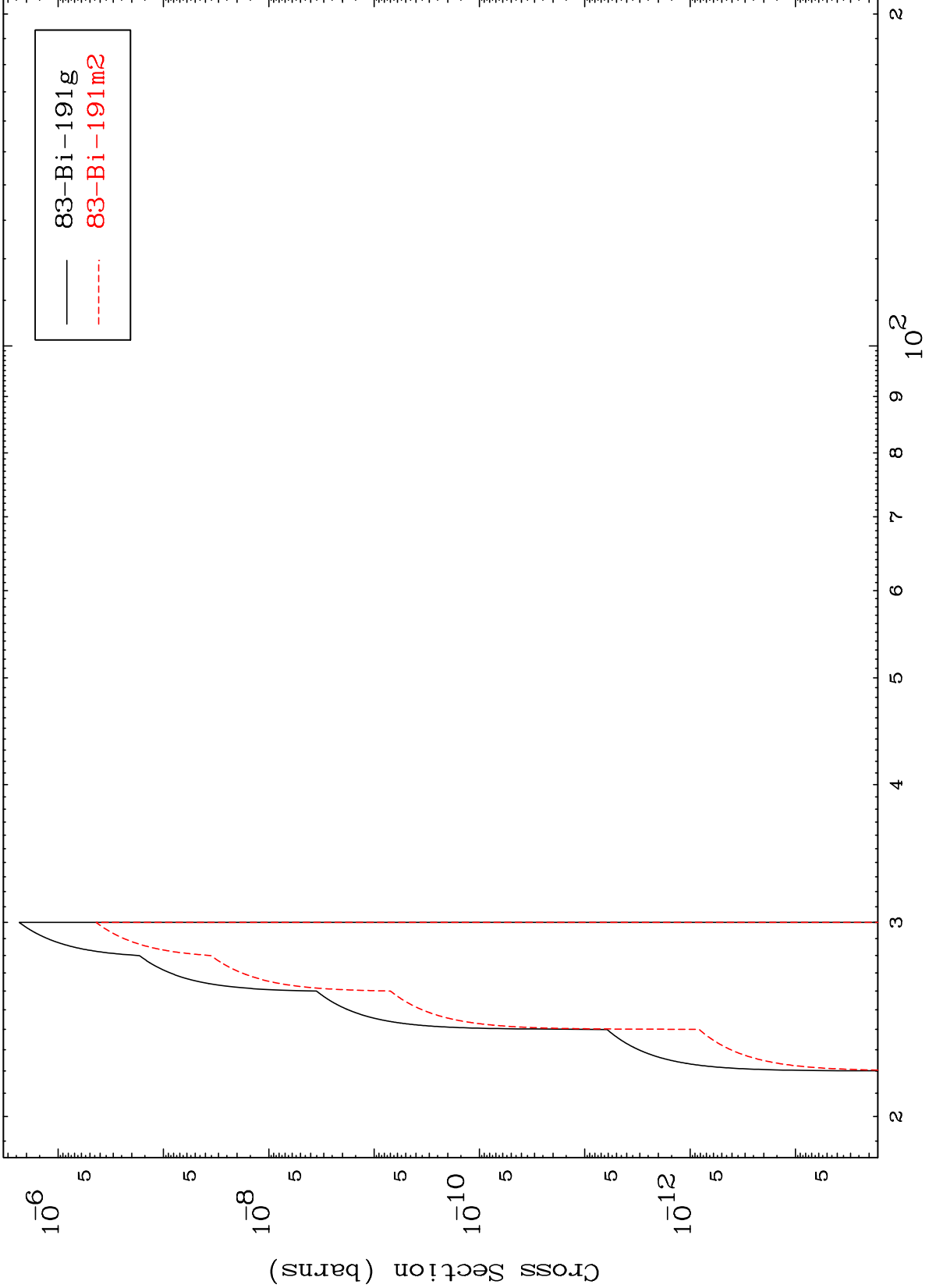


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(d,2n) d

83-Bi-193

Radionuclide Production Cross Section



12

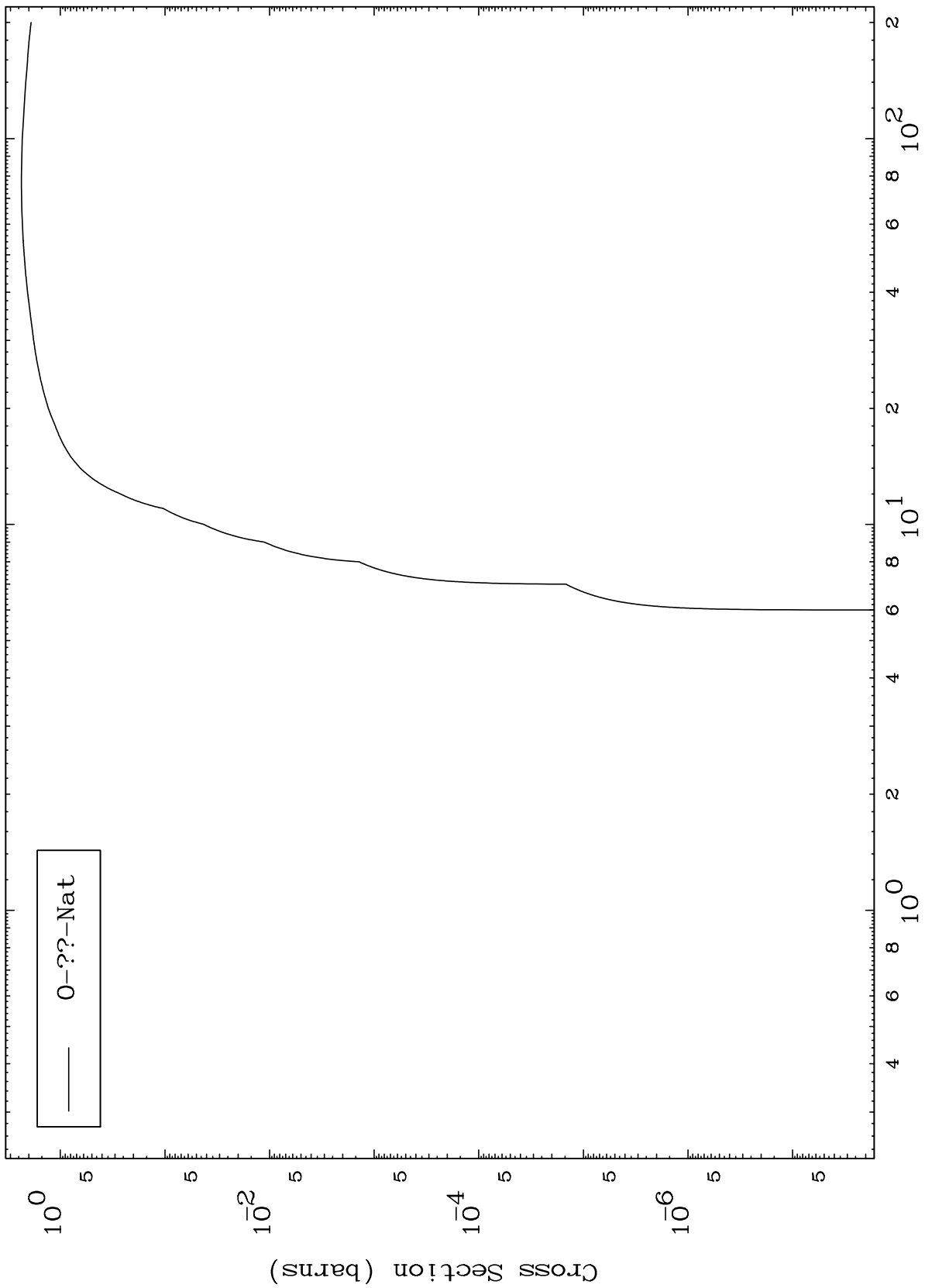
Incident Energy (MeV)

83-Bi-193

MAT 8277

83-Bi-193

Deuteron Fission  
Radionuclide Production Cross Section

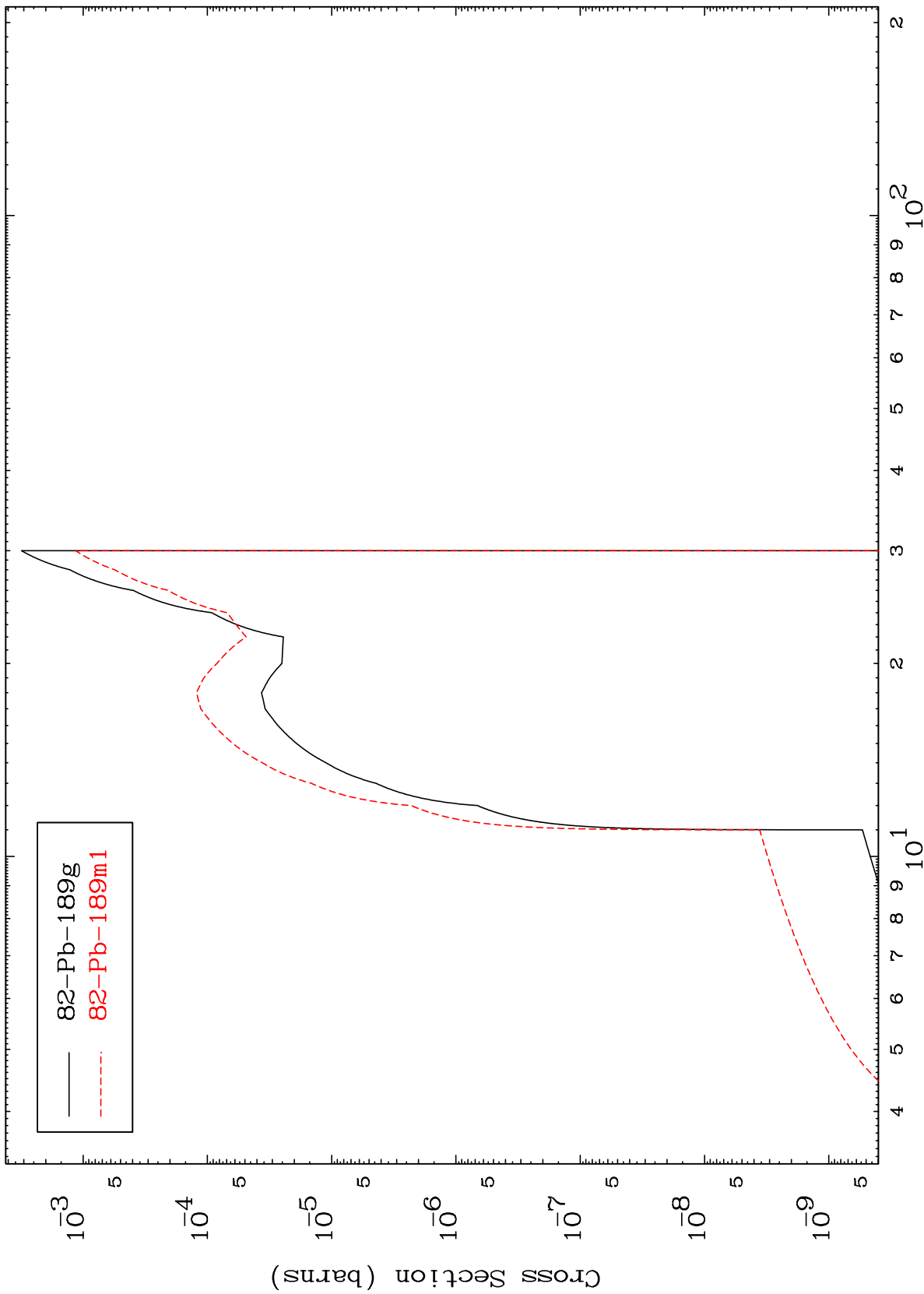


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$(d, 2n) \alpha$

83-Bi-193

Radionuclide Production Cross Section



14

Incident Energy (MeV)

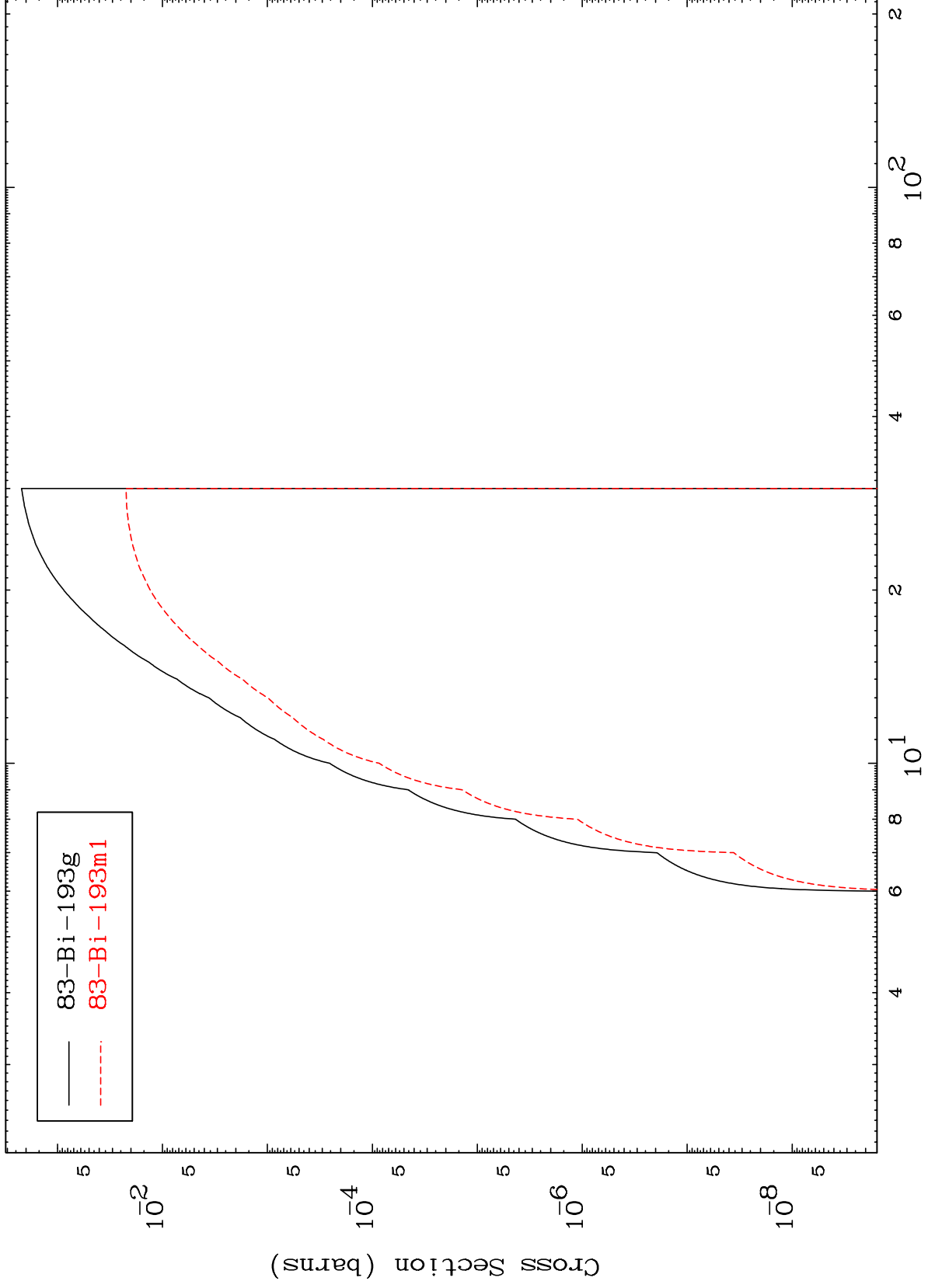
83-Bi-193

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(d,n') p

83-Bi-193

Radionuclide Production Cross Section



15

Incident Energy (MeV)

83-Bi-193

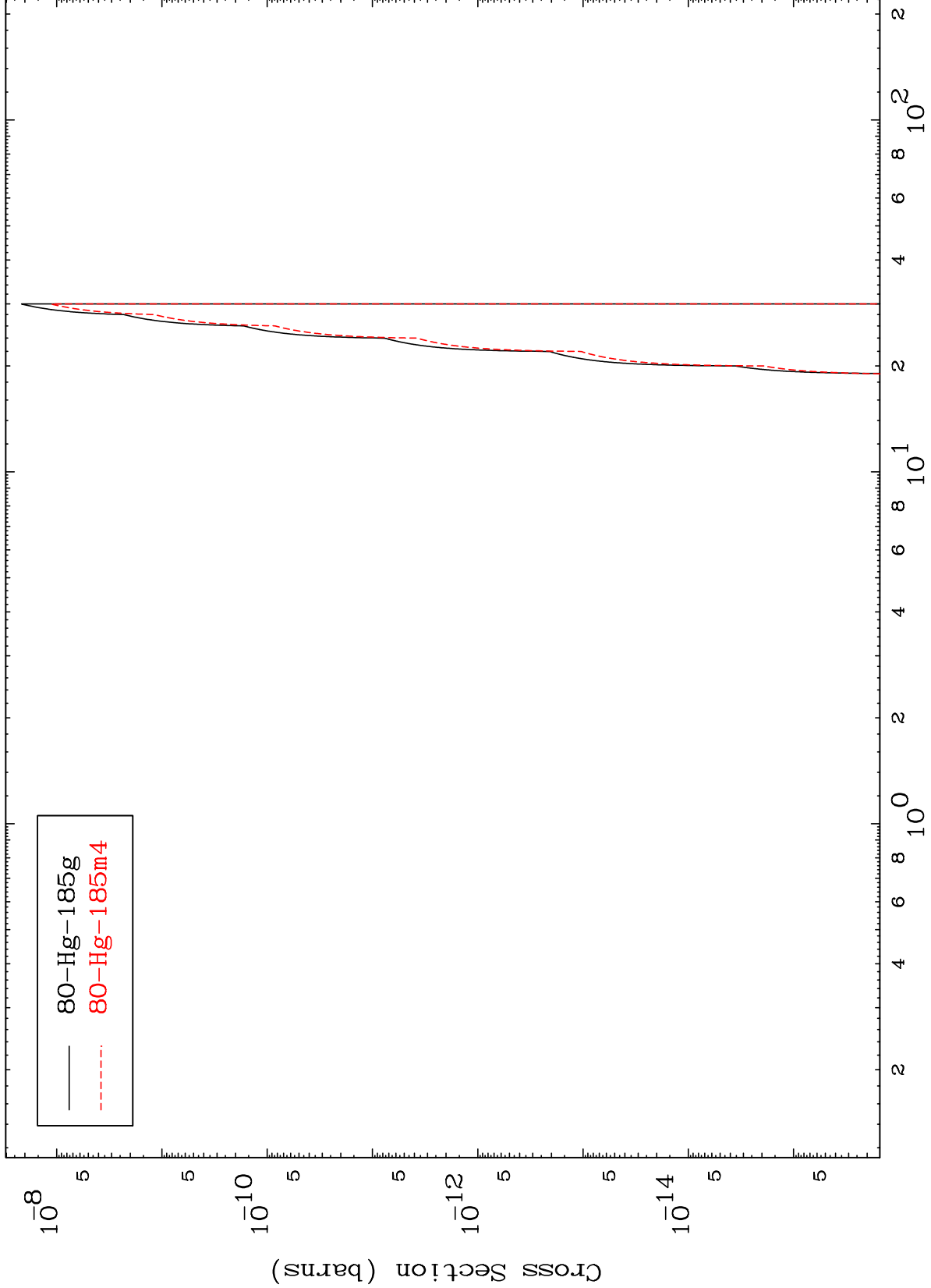


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(d,2n) 2 $\alpha$

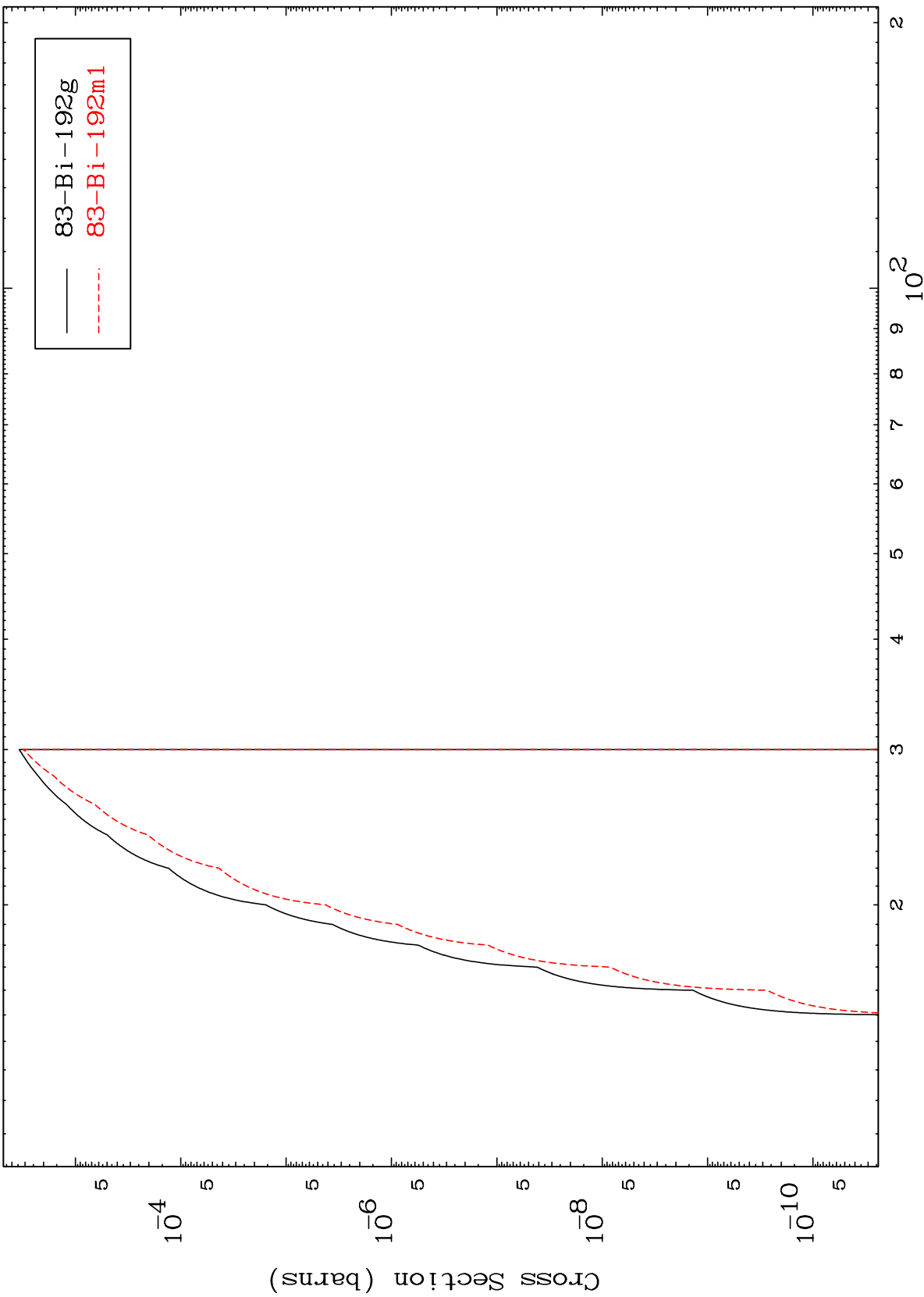
83-Bi-193

Radionuclide Production Cross Section

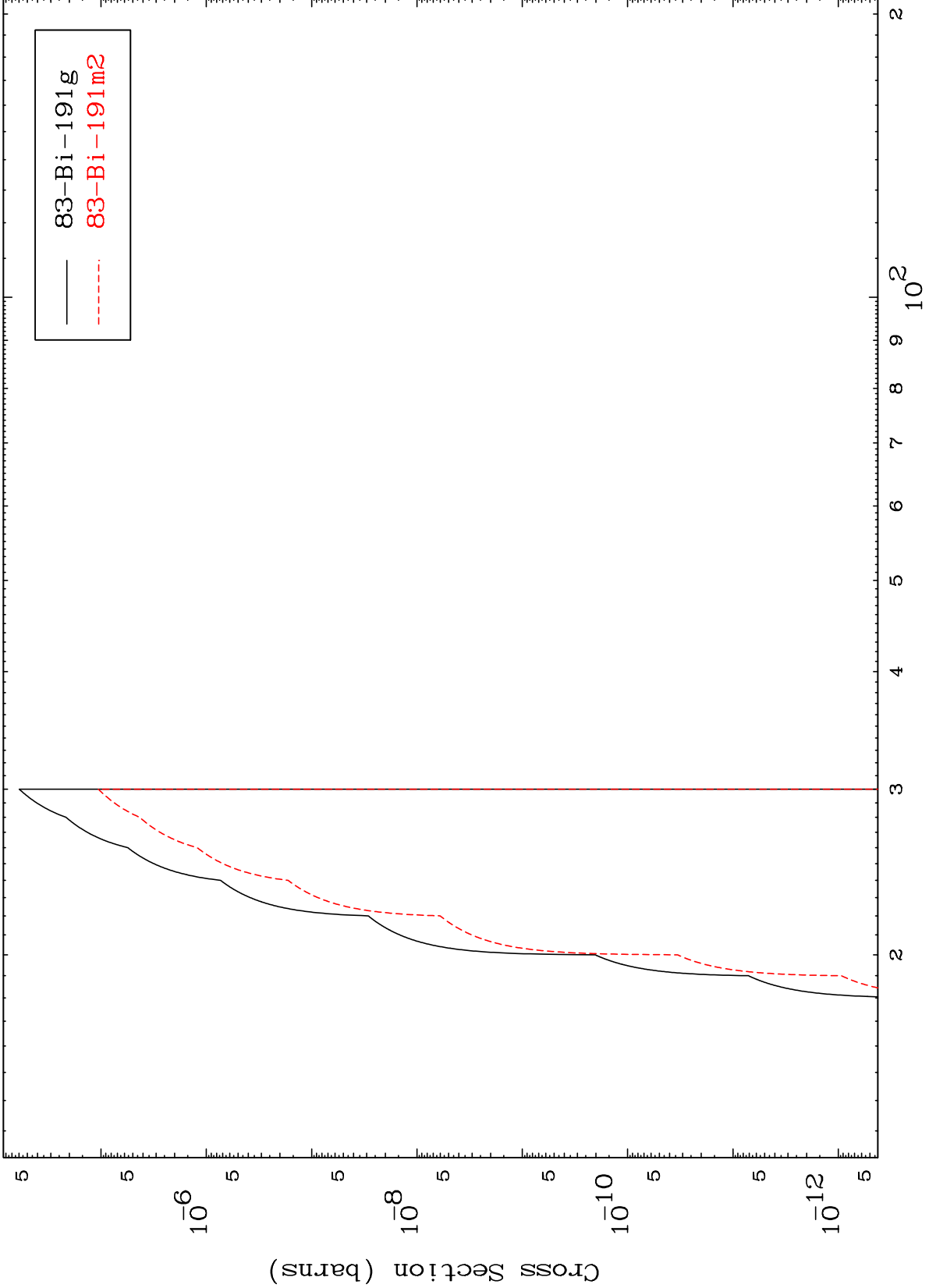


80-Hg-185g  
80-Hg-185m4

Radionuclide Production Cross Section



Radionuclide Production Cross Section



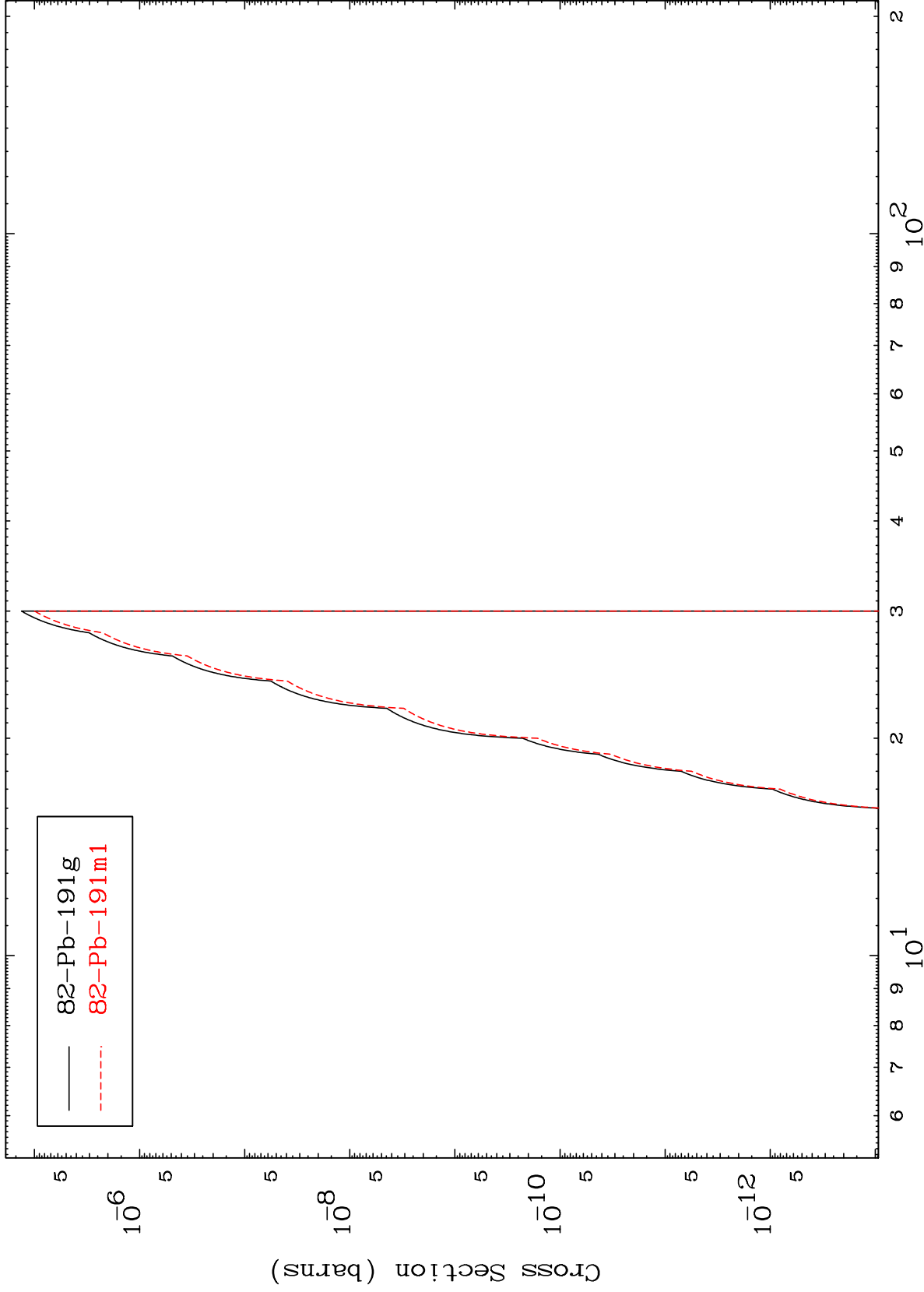
83-Bi-191g  
83-Bi-191m2

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(d,n') He-3

83-Bi-193

Radionuclide Production Cross Section



19

Incident Energy (MeV)

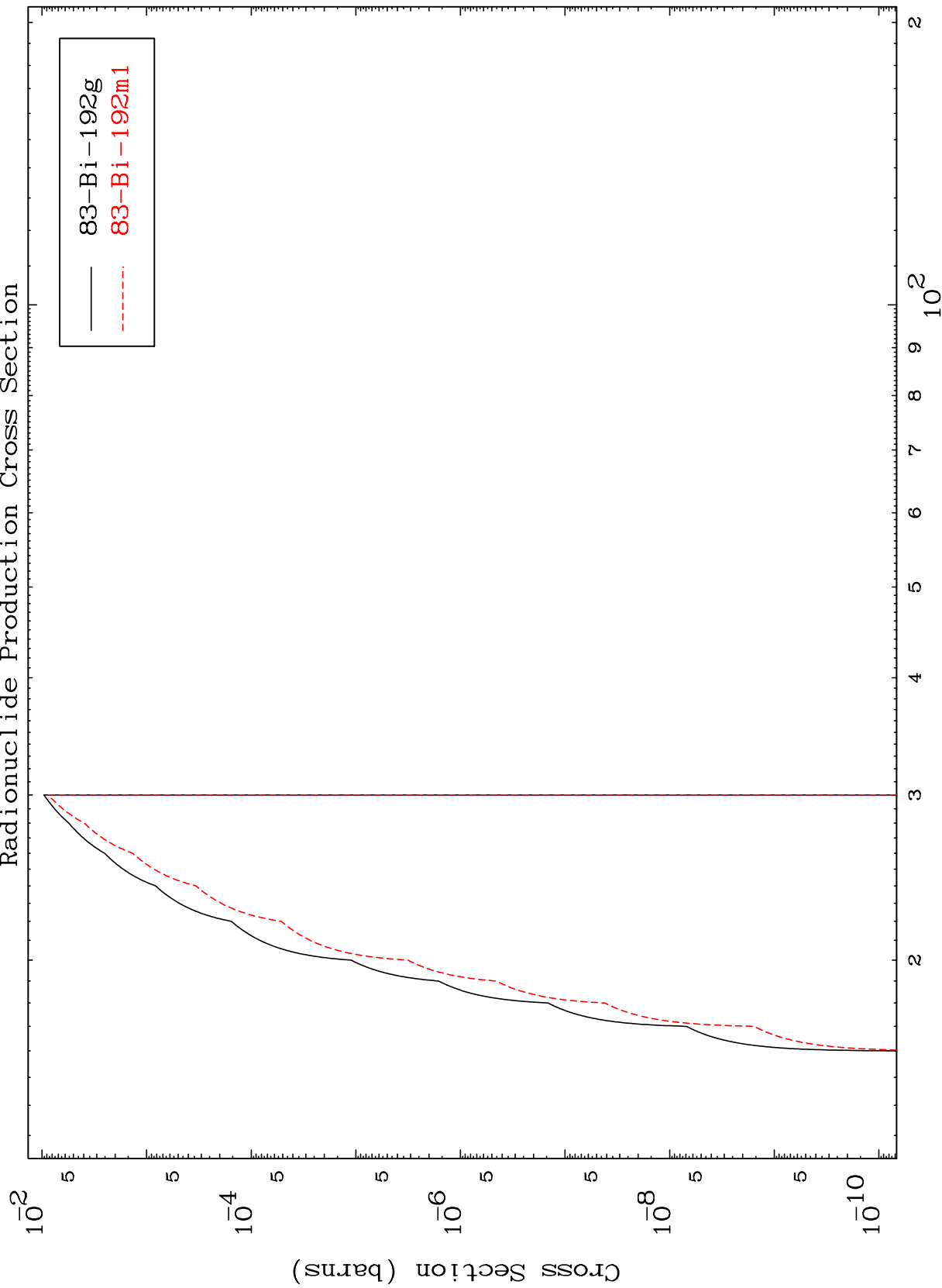
83-Bi-193

MAT 8277

(d,2n) p

83-Bi-193

Radionuclide Production Cross Section

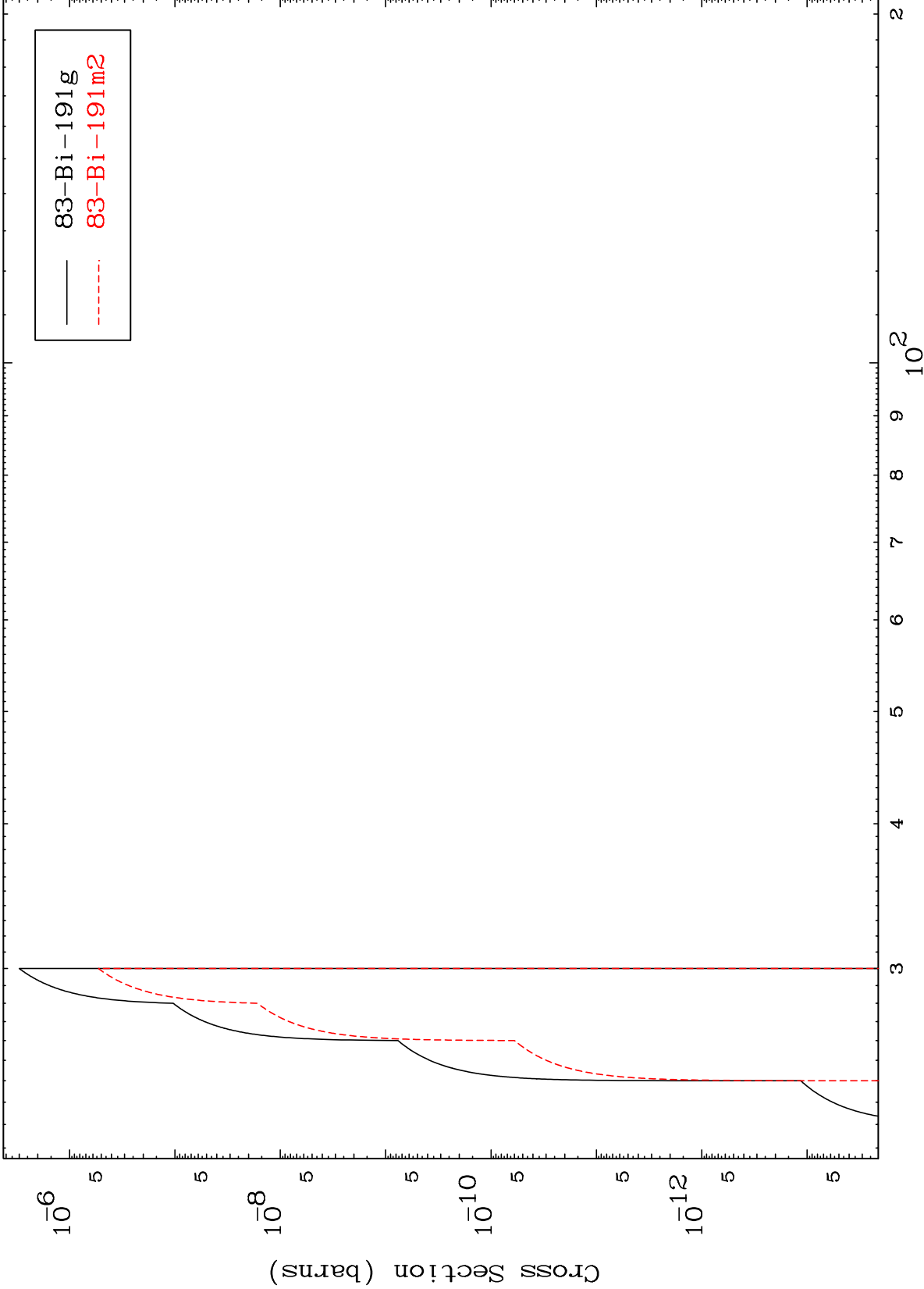


20

Incident Energy (MeV)

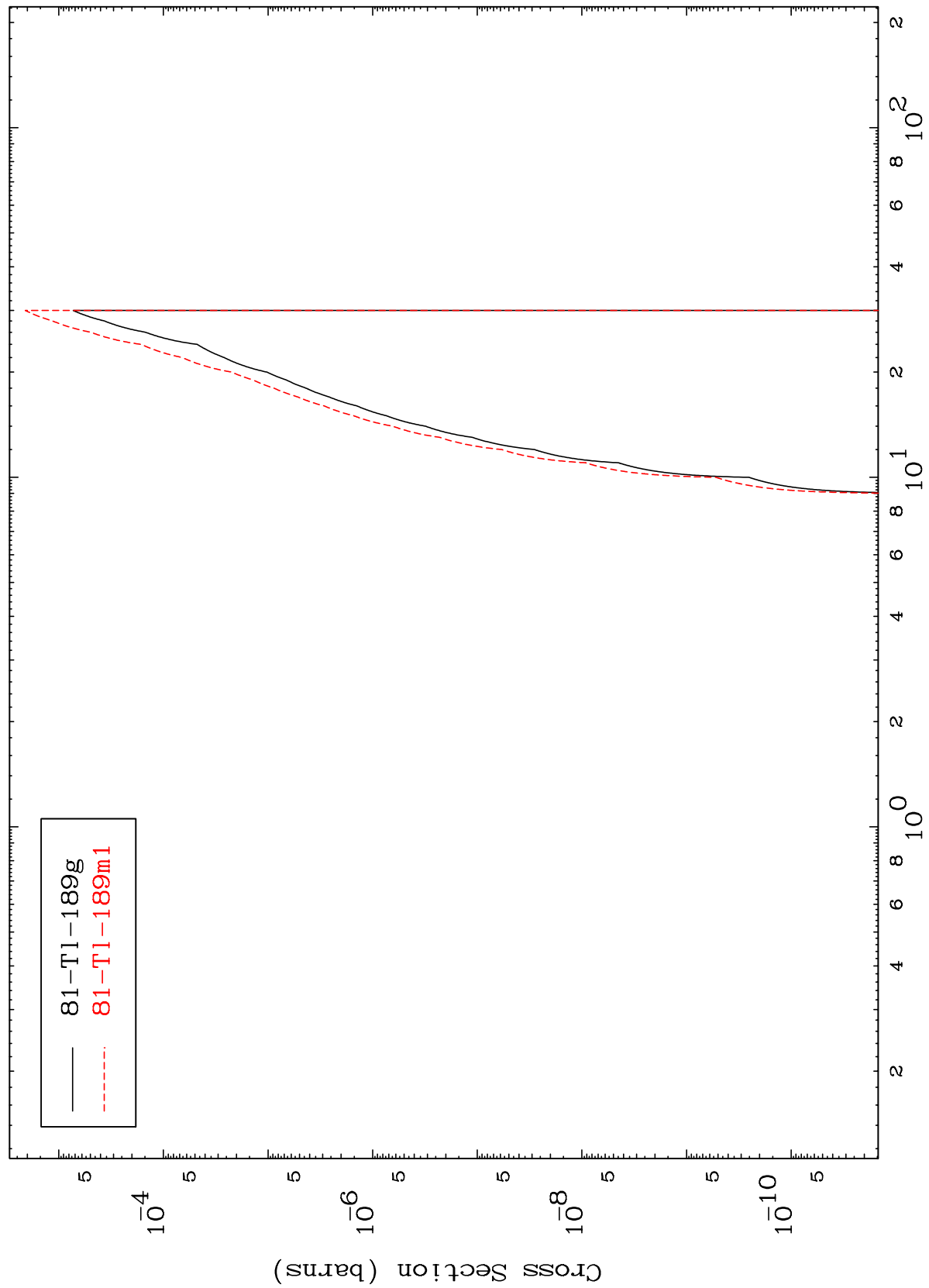
83-Bi-193

Radionuclide Production Cross Section



83-Bi-191 g  
83-Bi-191 m2

Radionuclide Production Cross Section

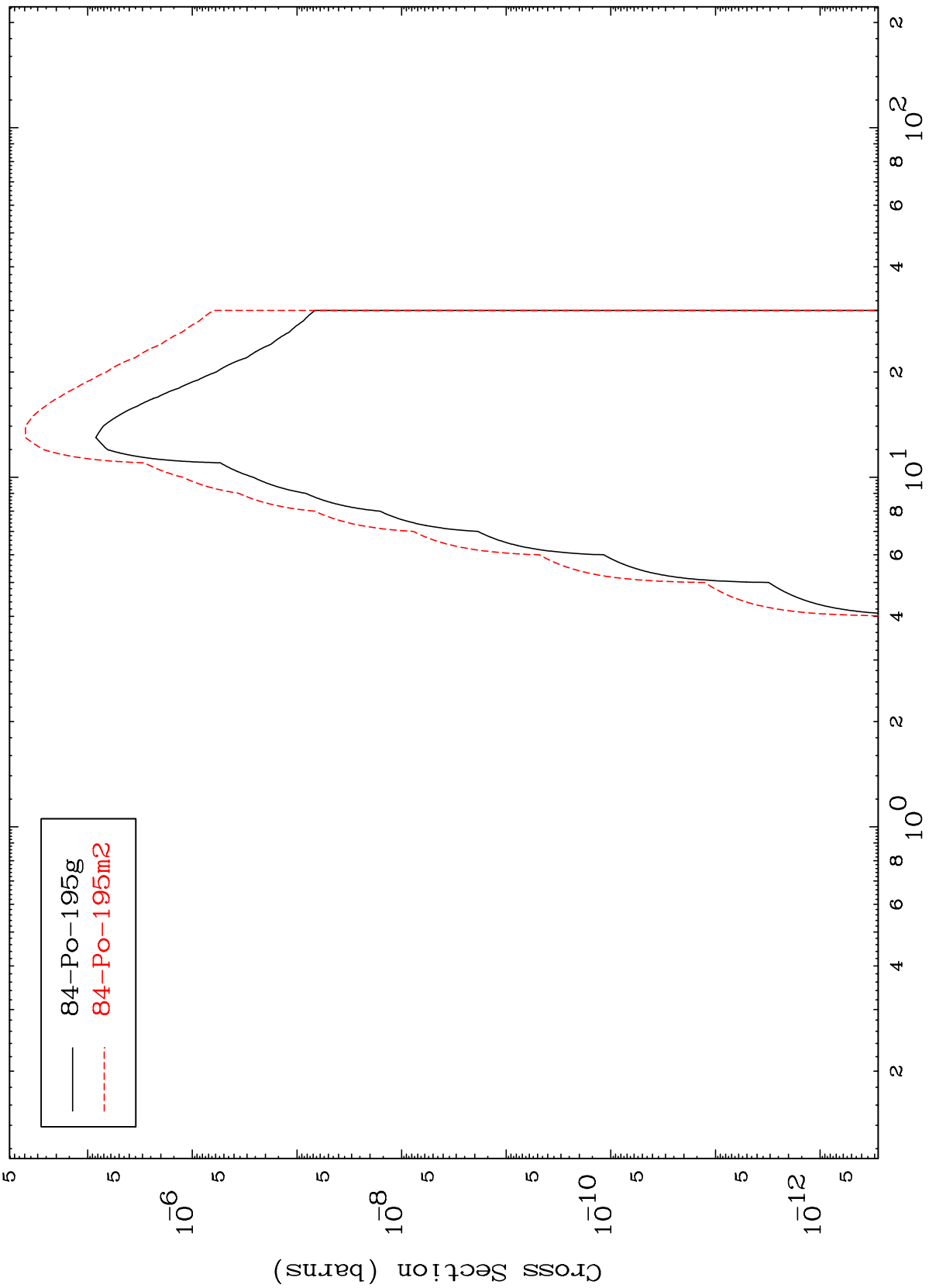


81-Tl-189g  
81-Tl-189m1

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83-Bi-193

(d,  $\gamma$ )  
Radionuclide Production Cross Section



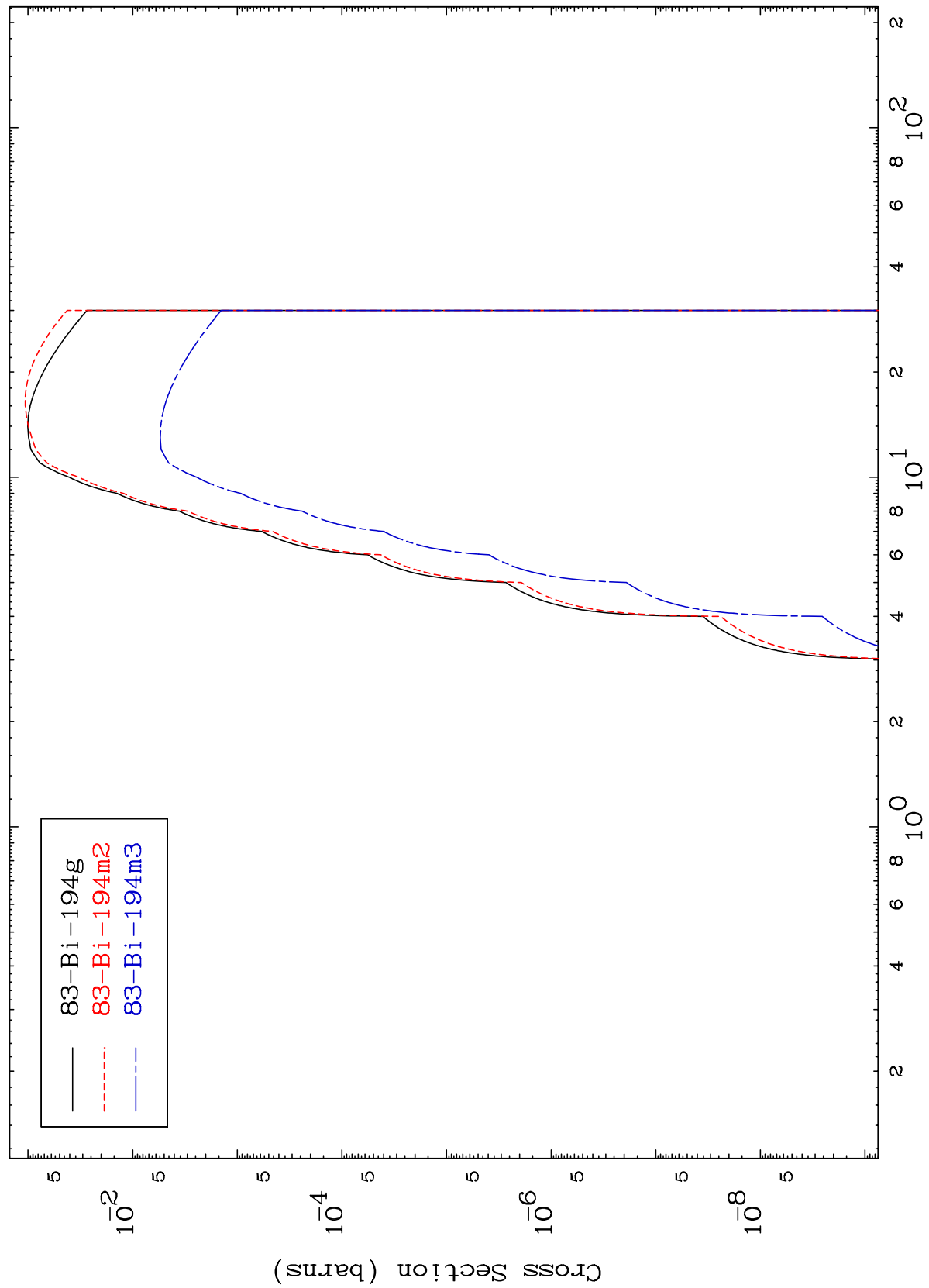
84-Po-195g  
84-Po-195m2



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83-Bi-193

(d,p)  
Radionuclide Production Cross Section



83-Bi-194g  
83-Bi-194m2  
83-Bi-194m3

83-Bi-193

Incident Energy (MeV)

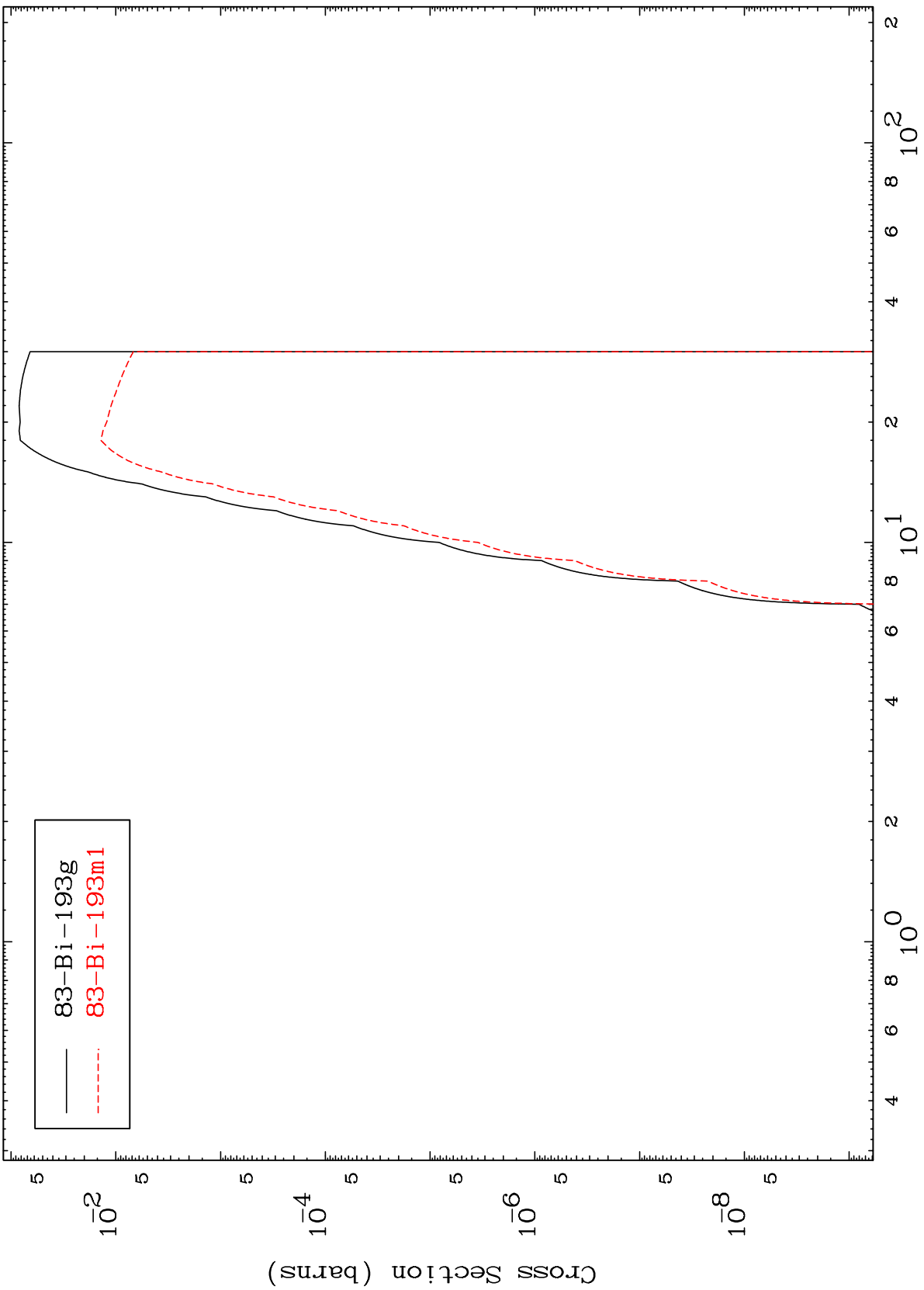
24

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(d,d)

83-Bi-193

Radionuclide Production Cross Section



83-Bi-193g  
83-Bi-193m1

25

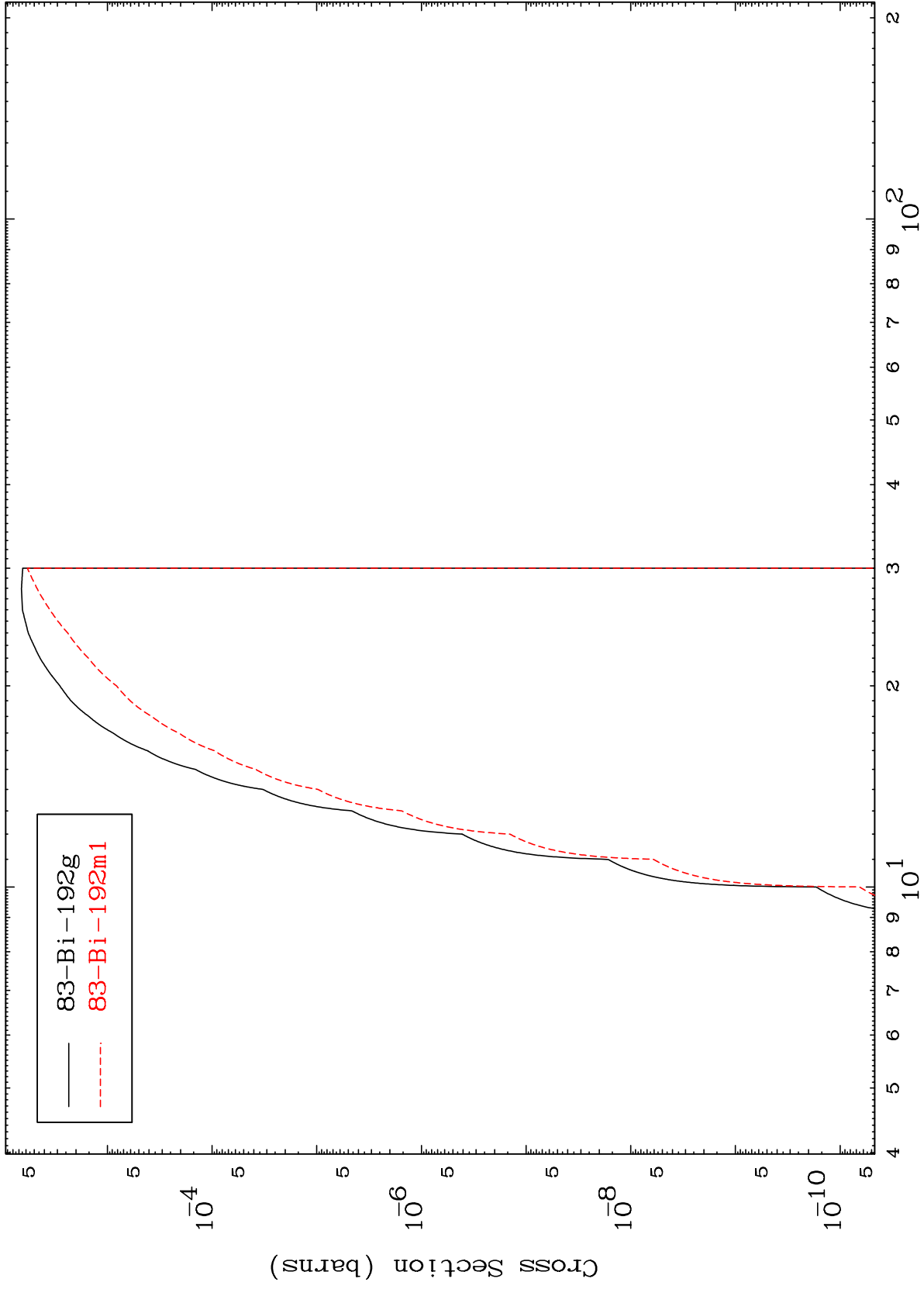
Incident Energy (MeV)

83-Bi-193

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83-Bi-193

(d, t)  
Radionuclide Production Cross Section



26

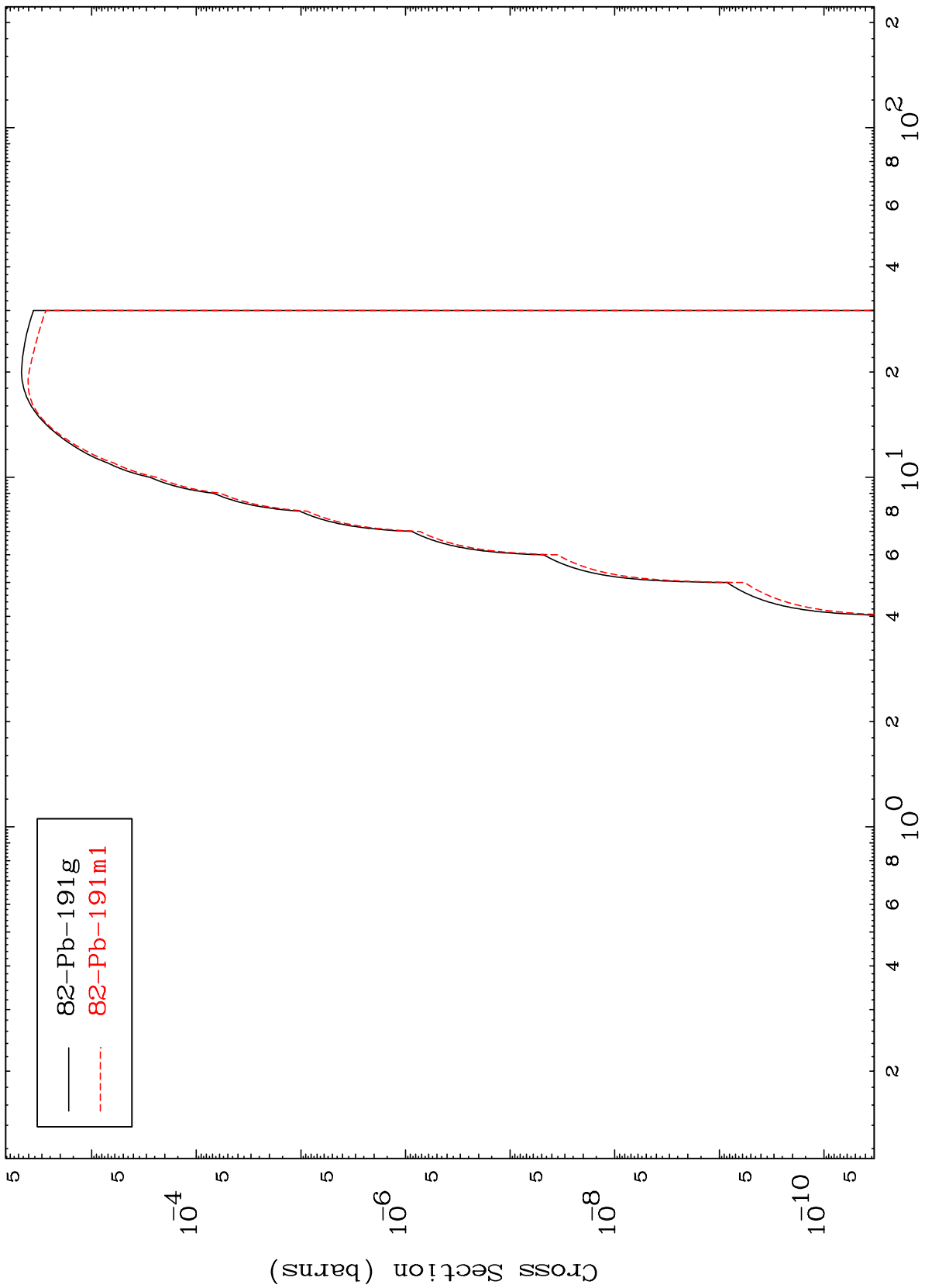
Incident Energy (MeV)

83-Bi-193

MAT 8277

83-Bi-193

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



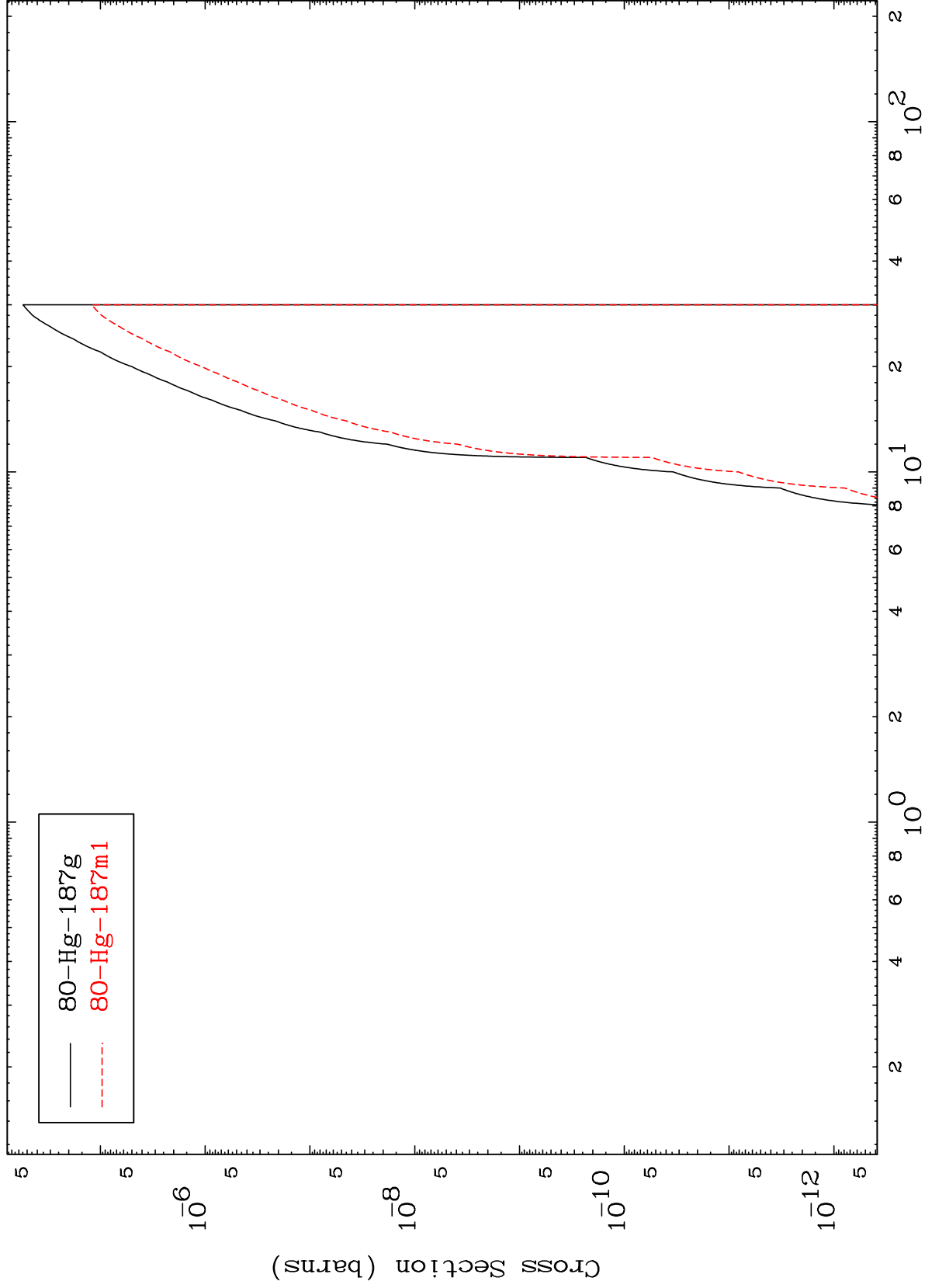
— 82-Pb-191g  
- - - 82-Pb-191m1

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(d,2α)

83-Bi-193

Radionuclide Production Cross Section



28

Incident Energy (MeV)

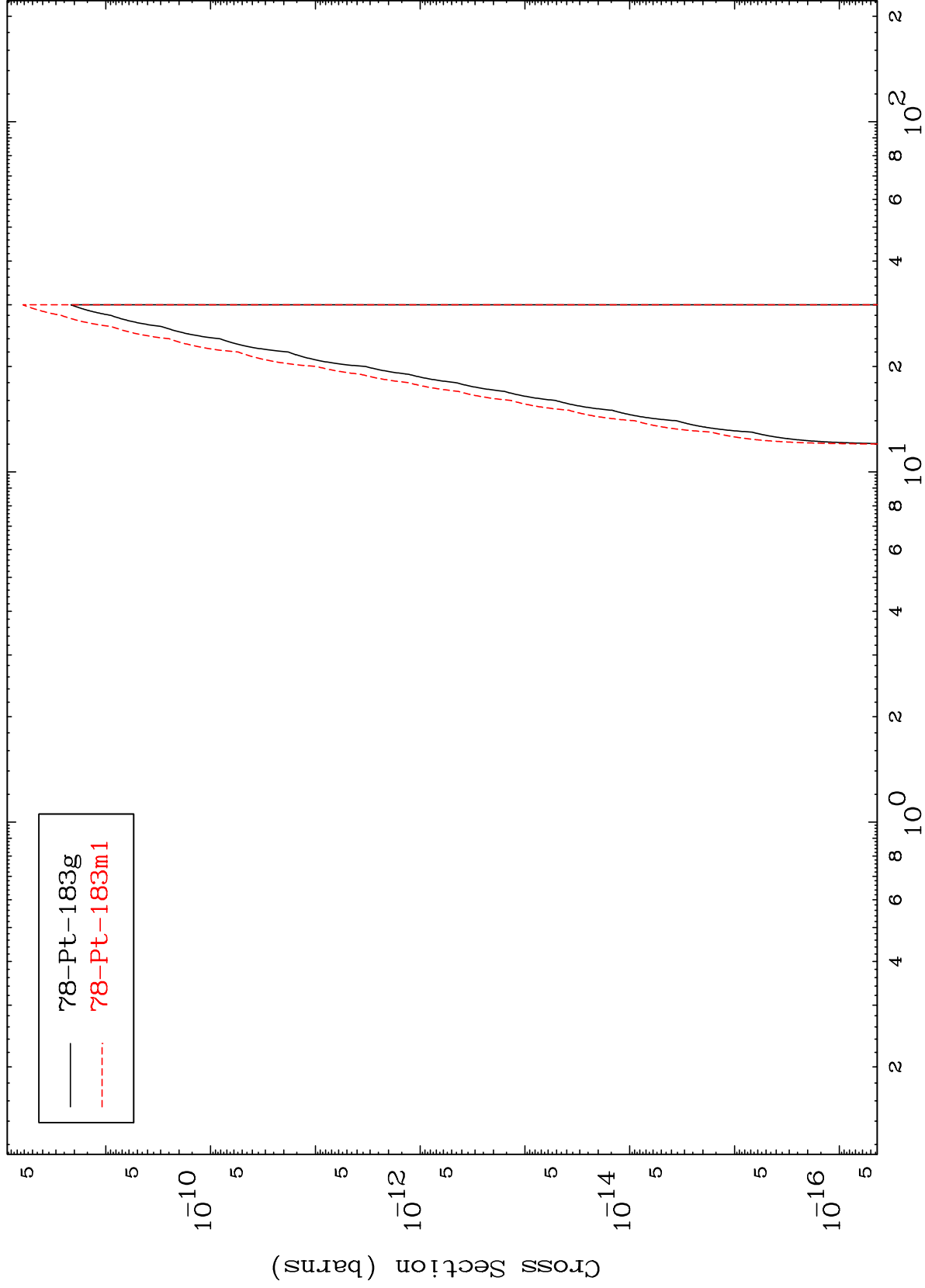
83-Bi-193

MAT 8277

(d,3 $\alpha$ )

83-Bi-193

Radionuclide Production Cross Section



29

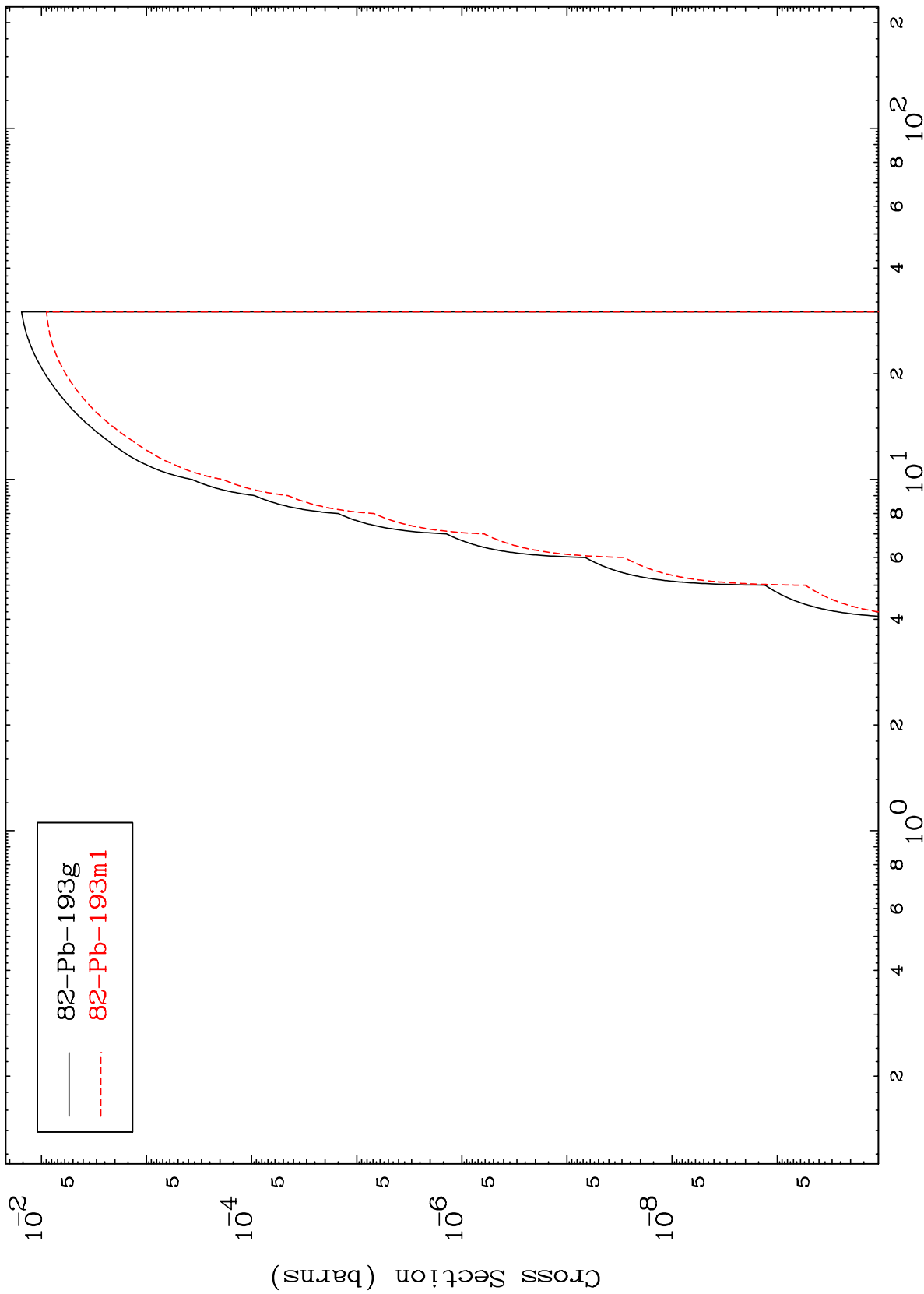
Incident Energy (MeV)

83-Bi-193

MAT 8277

83-Bi-193

(d,2p)  
Radionuclide Production Cross Section



83-Bi-193

Incident Energy (MeV)

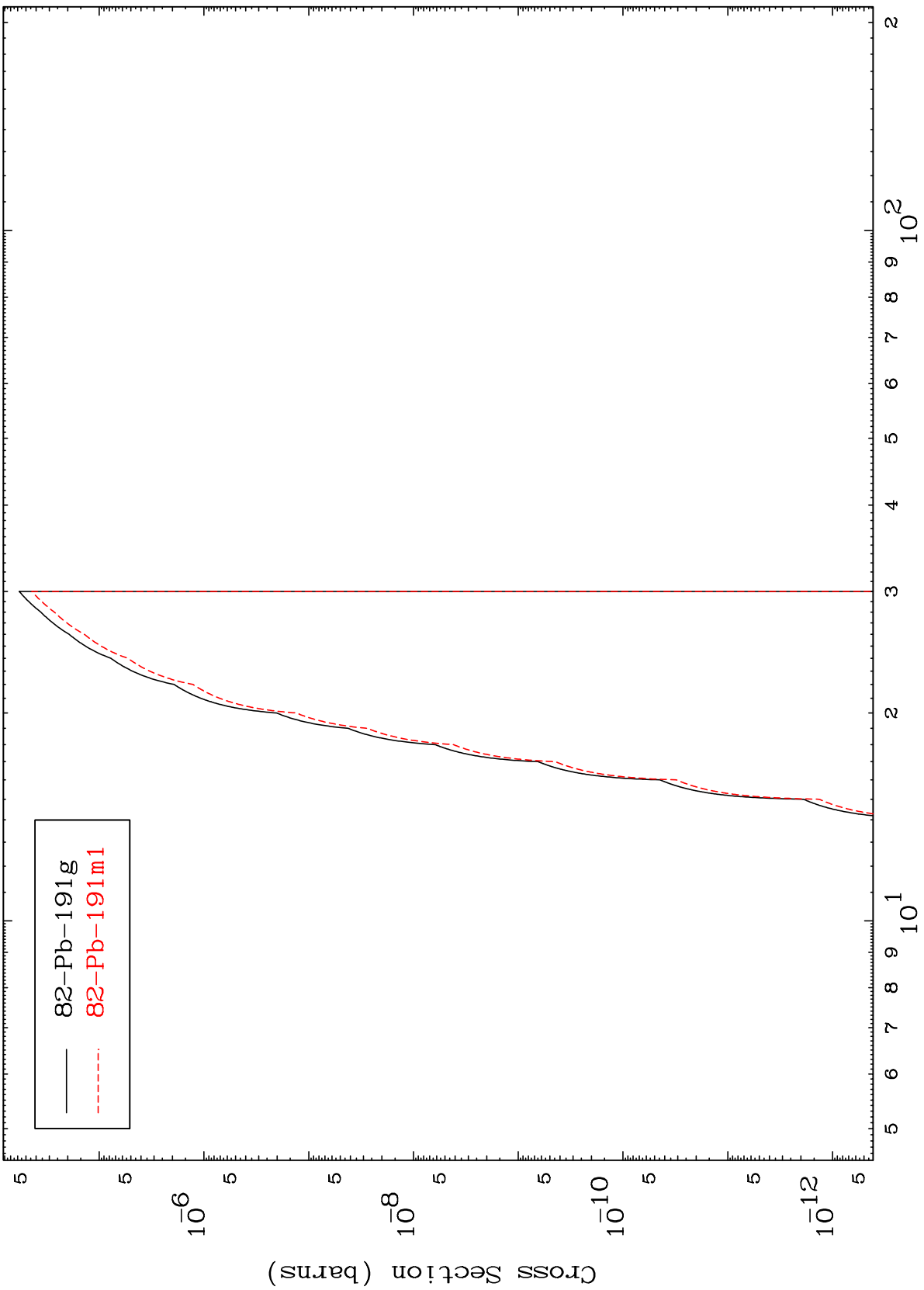
30

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(d,p) t

83-Bi-193

Radionuclide Production Cross Section



31

Incident Energy (MeV)

83-Bi-193



MAT 8277

(d,d)  $\alpha$

83-Bi-193

