

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

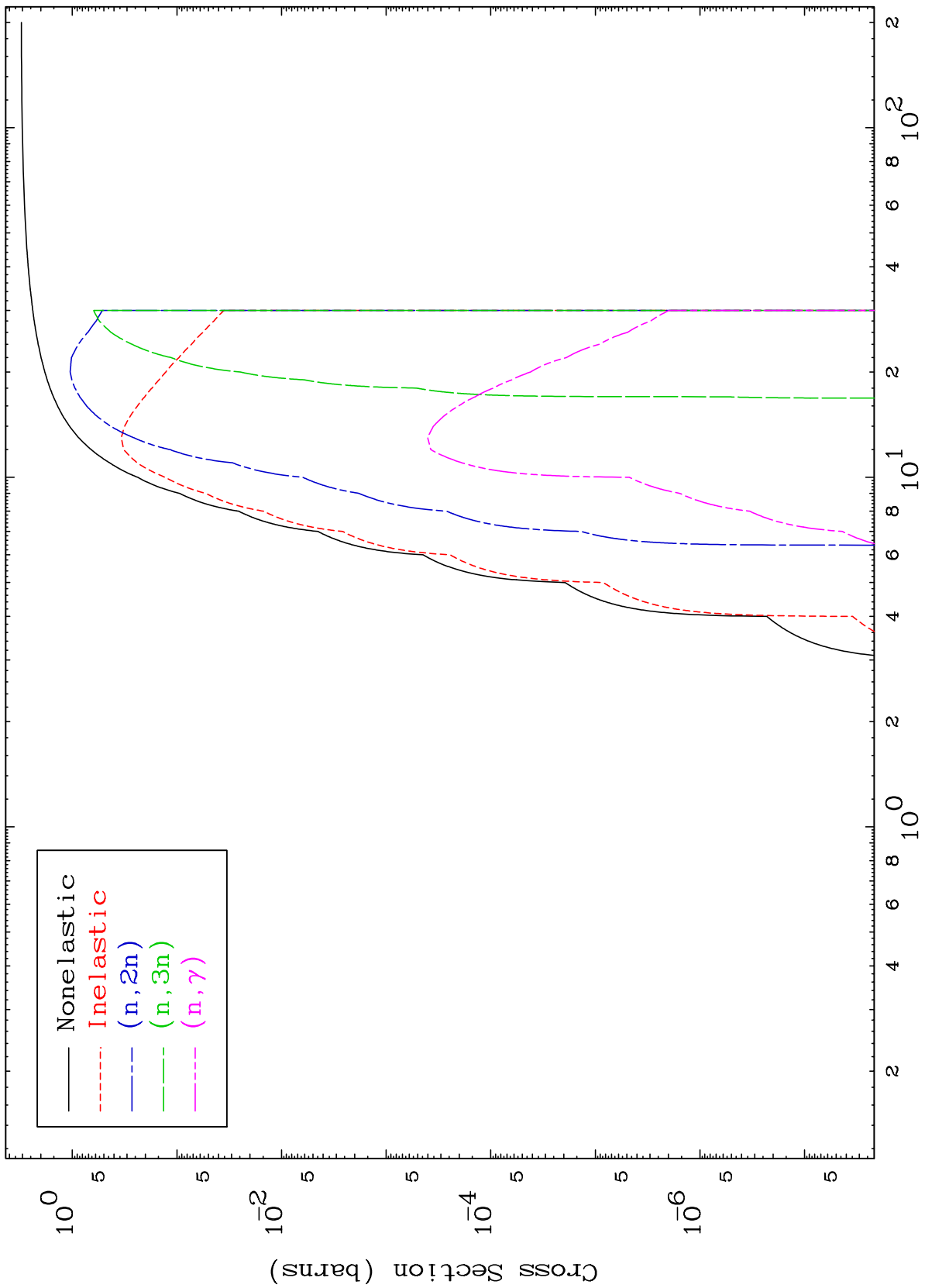
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

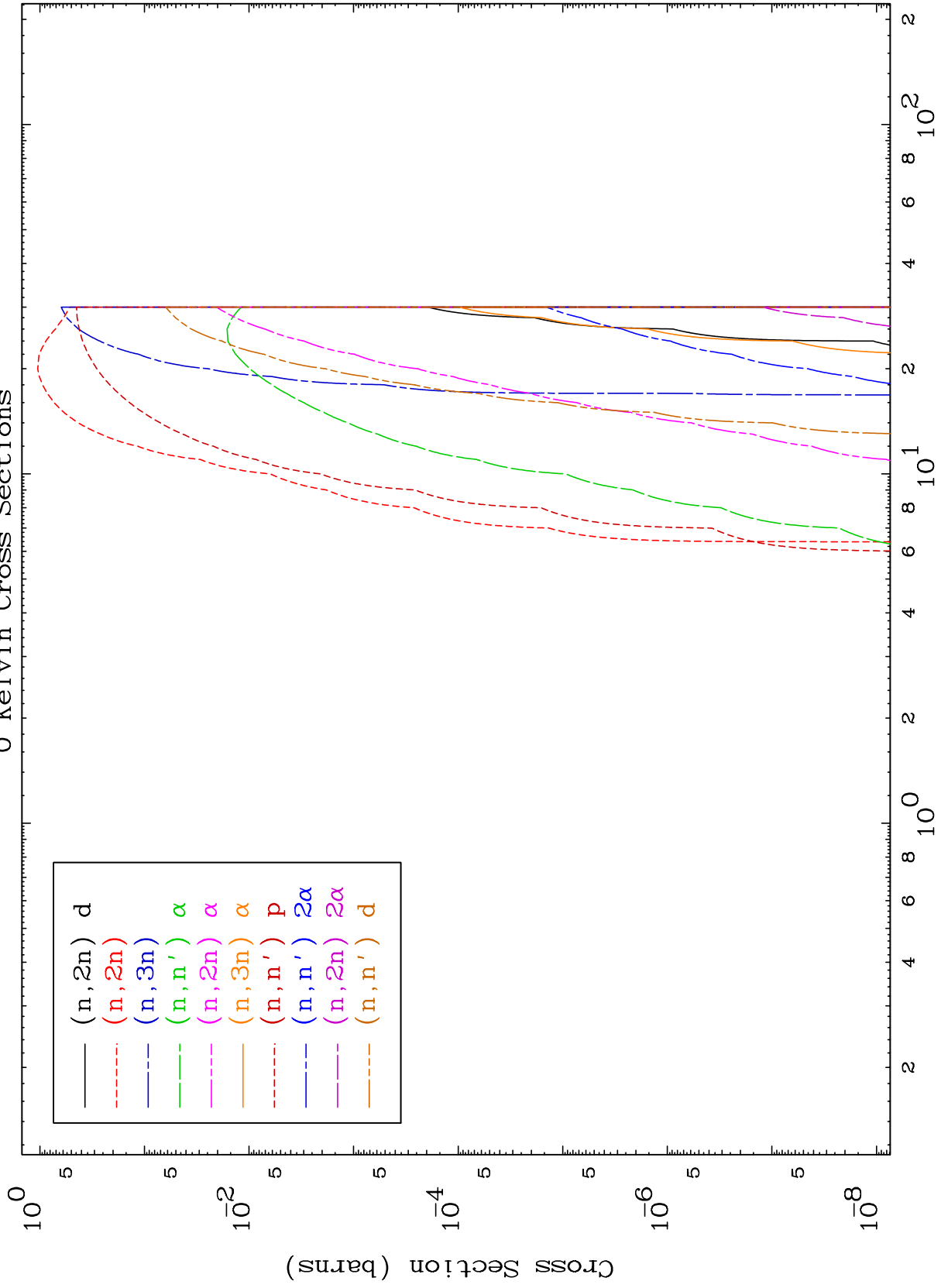
Tele: 925-443-1911

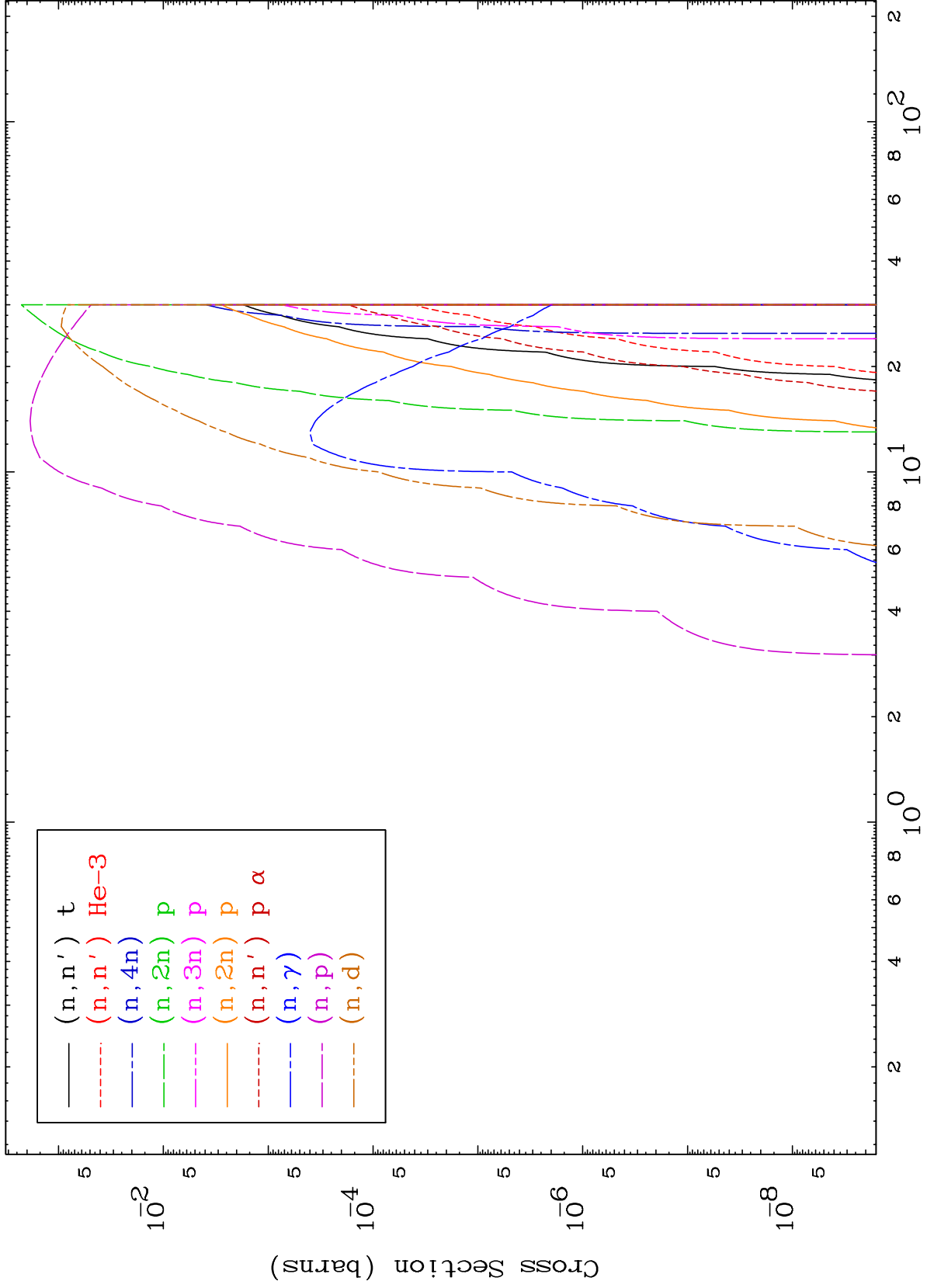
E.Mail:redcullen1@comcast.net

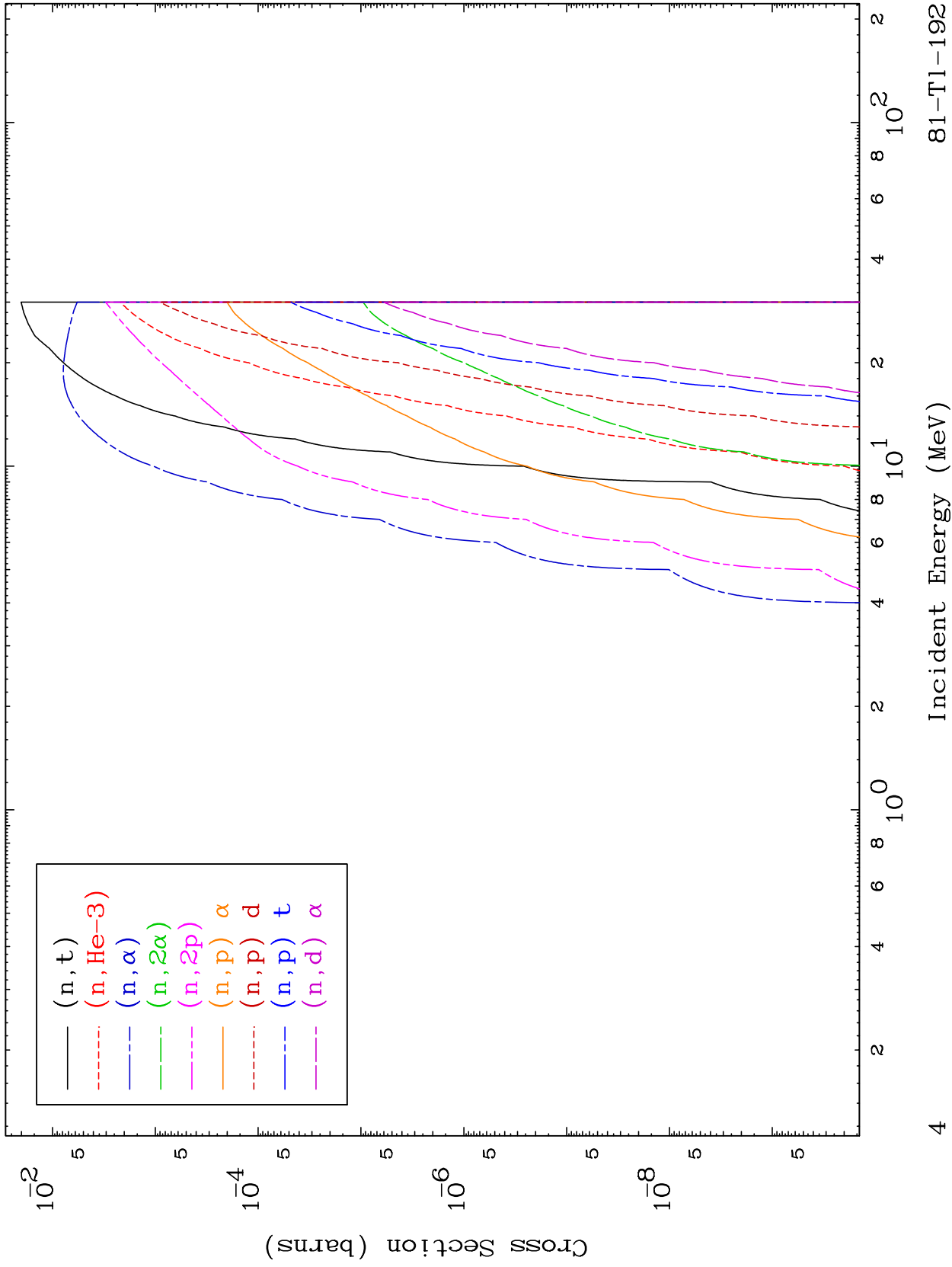
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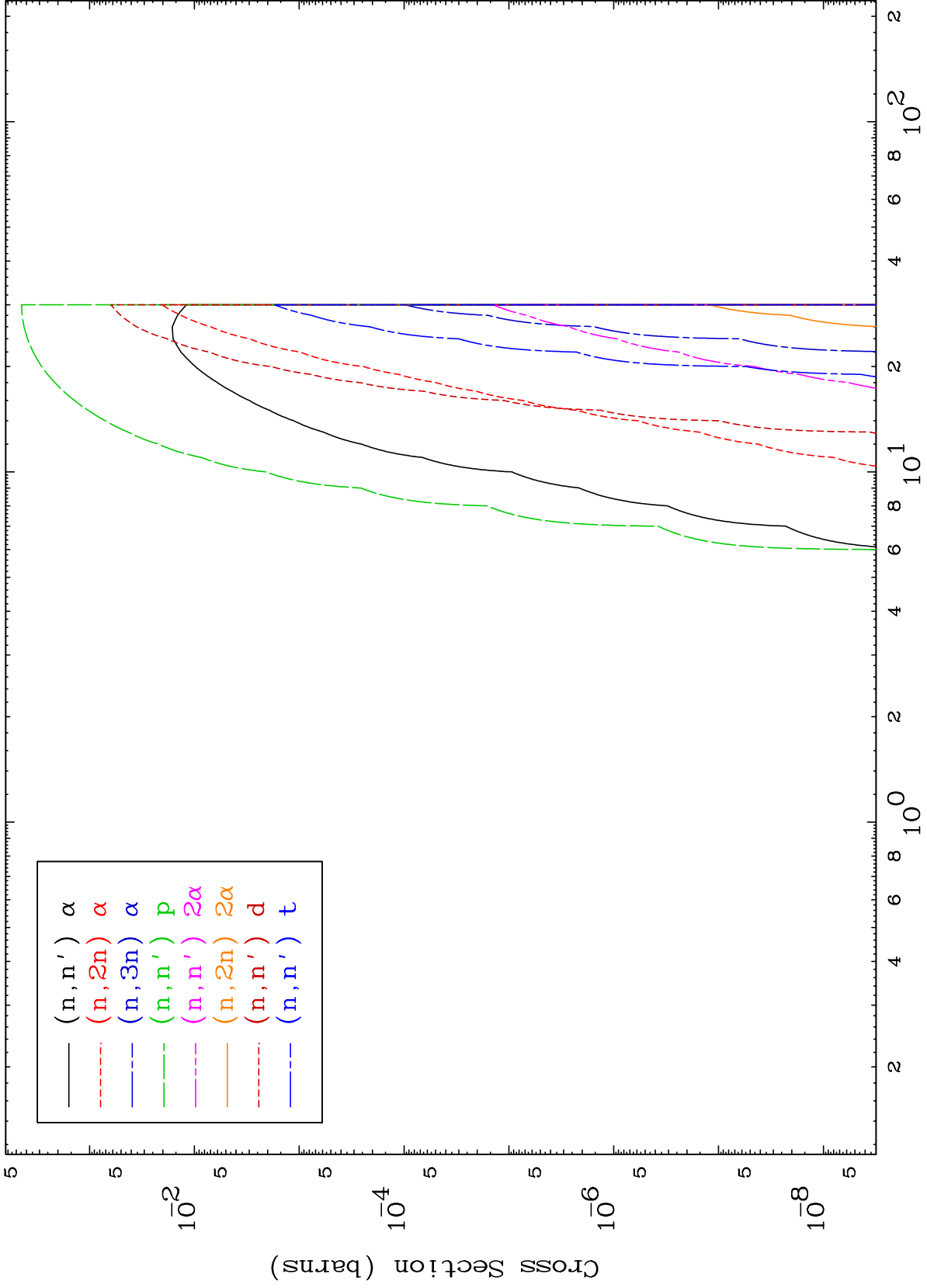
Press Mouse Button to Start

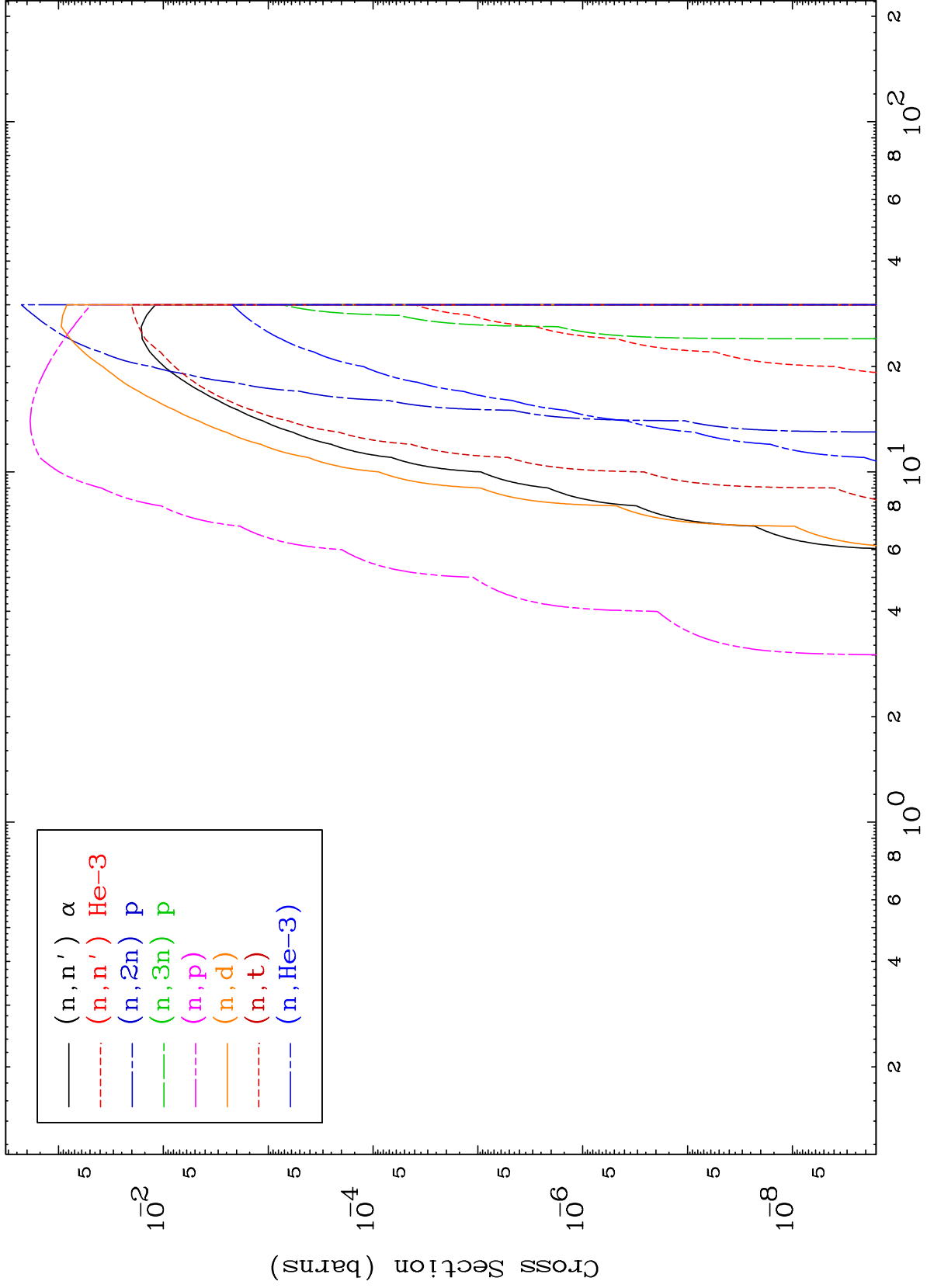


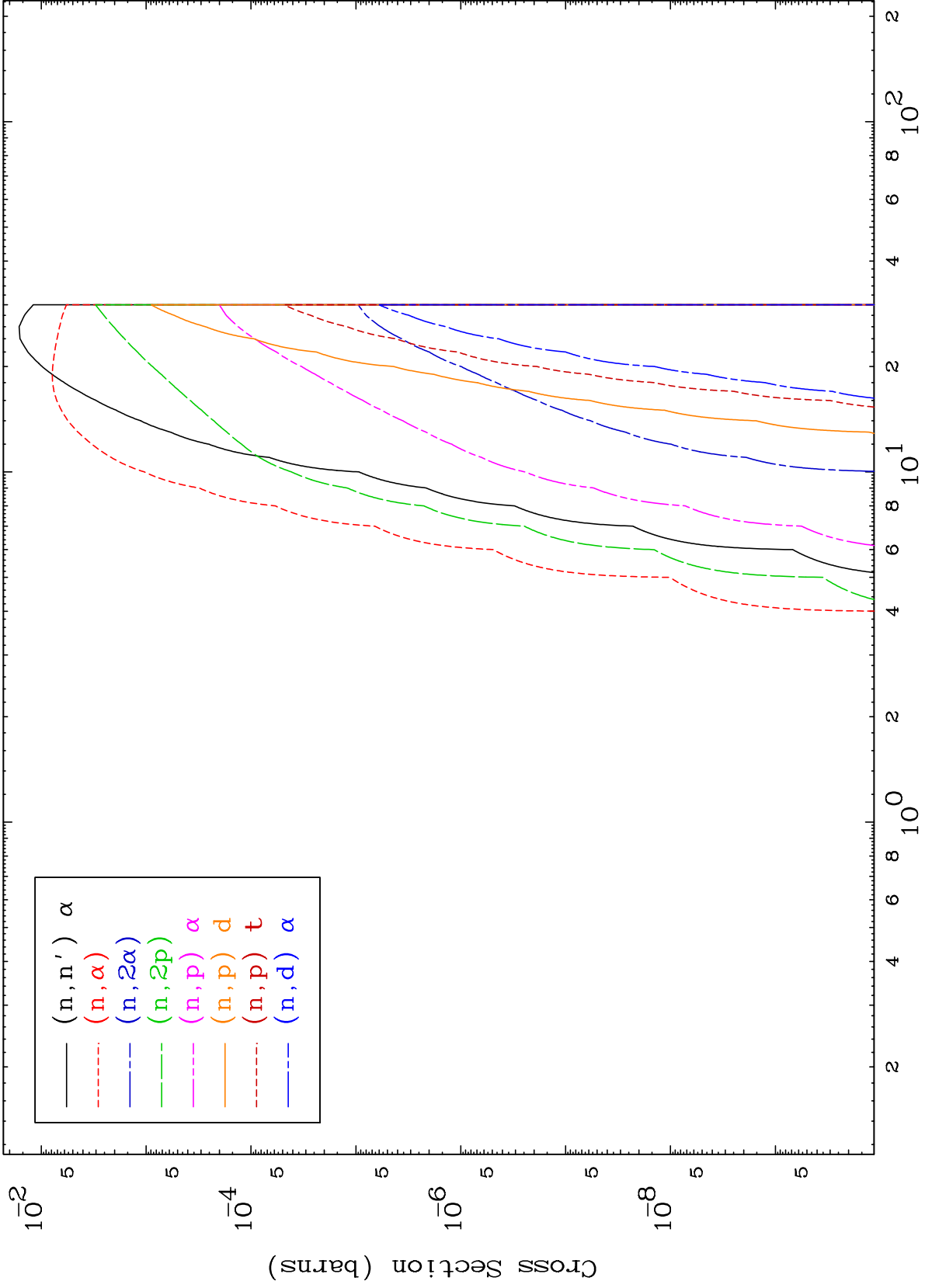










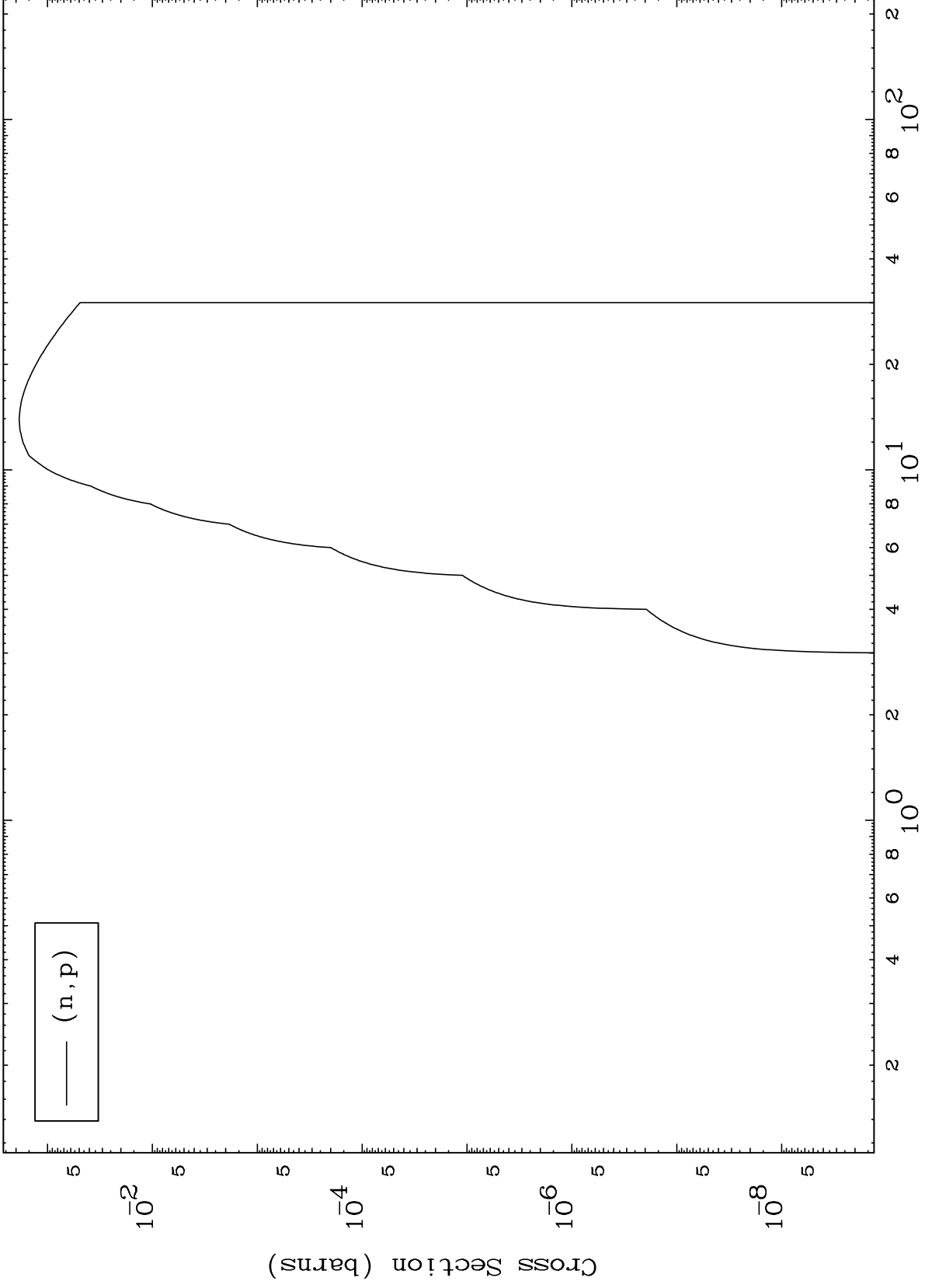


MAT 8092

(d,p) Levels

81-Tl-192

0 Kelvin Cross Sections



(n,p)

Incident Energy (MeV)

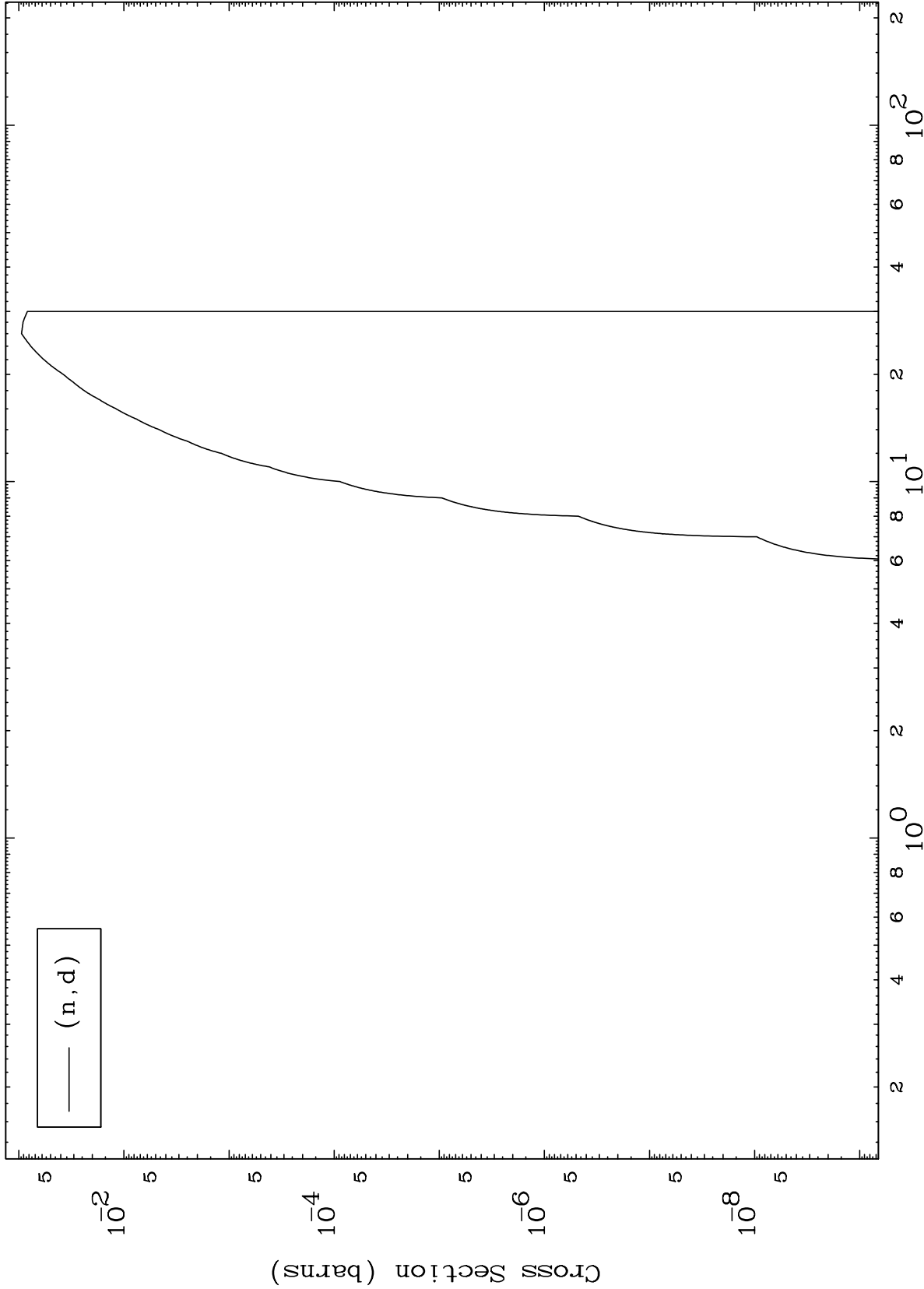
81-Tl-192

MAT 8092

(d,d) Levels

81-Tl-192

0 Kelvin Cross Sections



(n,d)

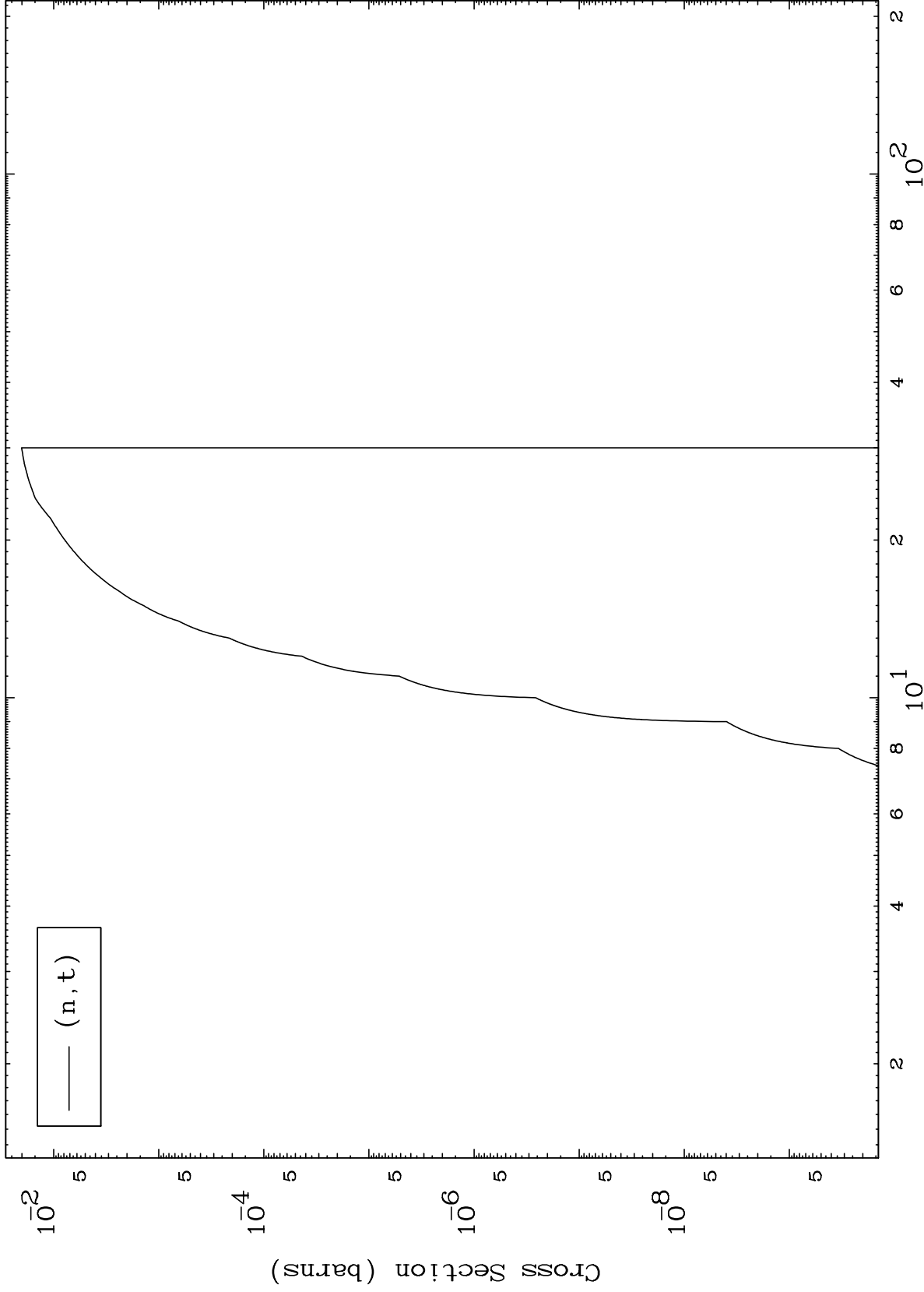
Incident Energy (MeV)

81-Tl-192

MAT 8092

(d, t) Levels  
0 Kelvin Cross Sections

81-Tl-192



10

Incident Energy (MeV)

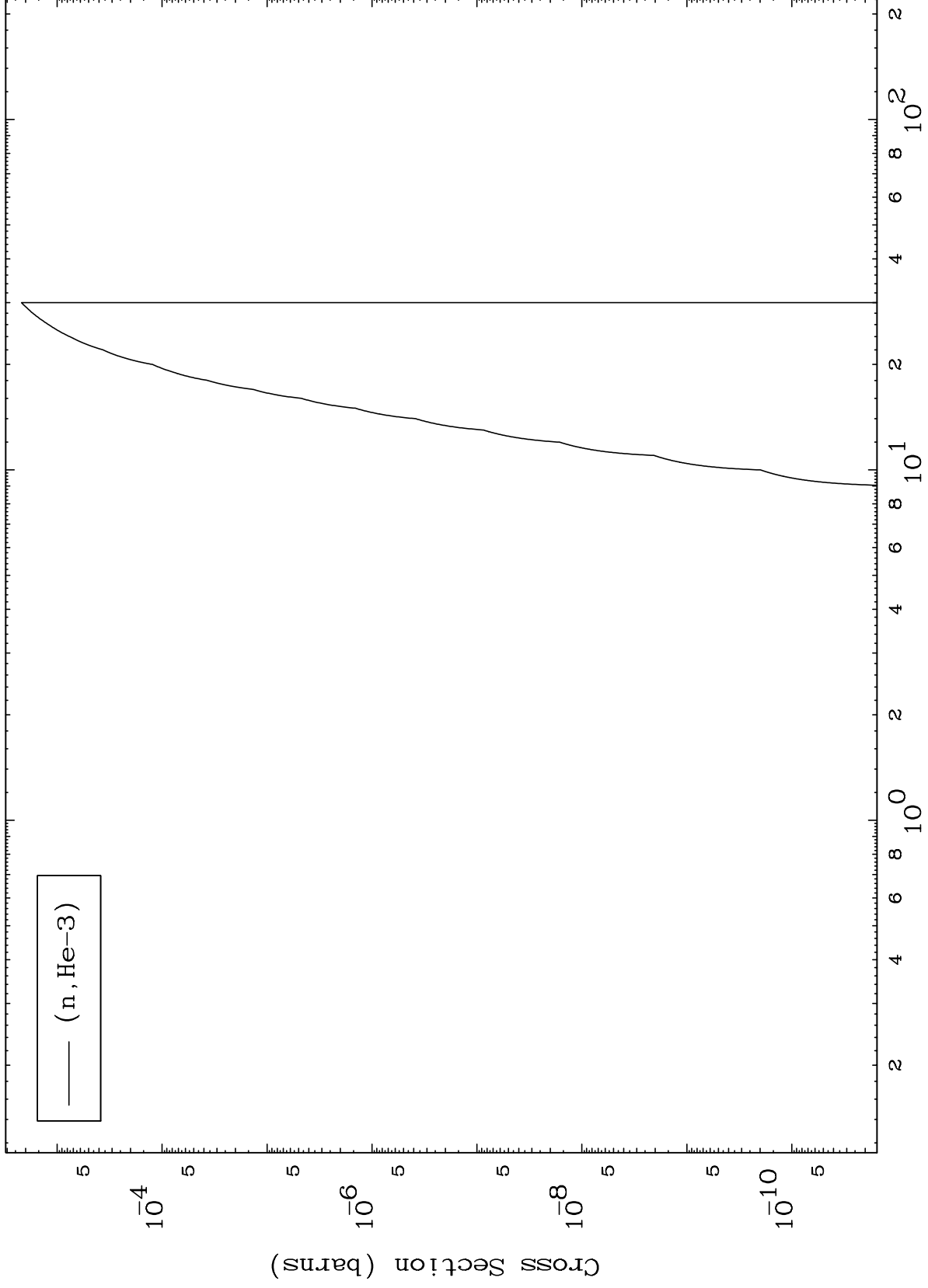
81-Tl-192

MAT 8092

(d,He3) Levels

81-T1-192

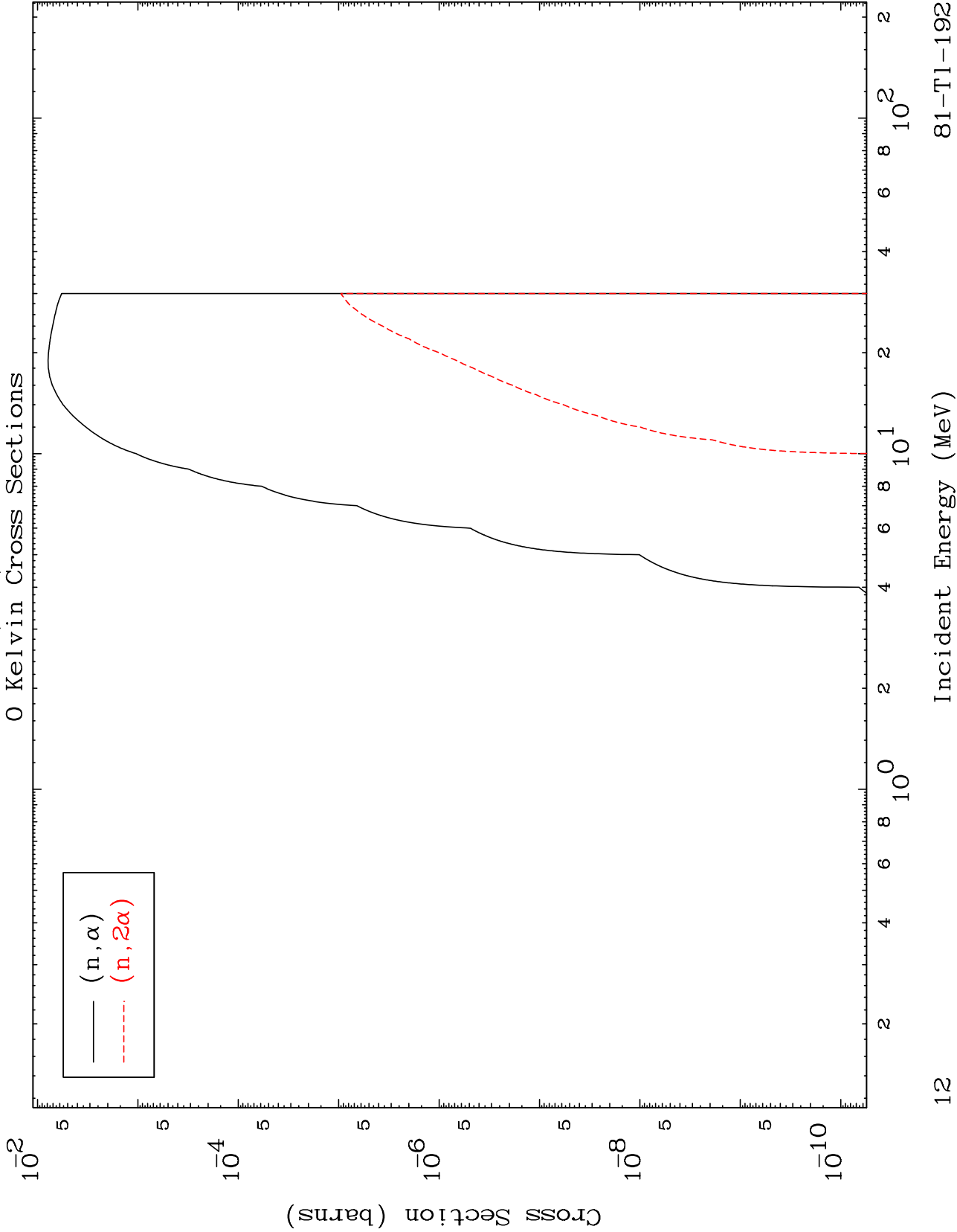
0 Kelvin Cross Sections



MAT 8092

(d,  $\alpha$ ) Levels

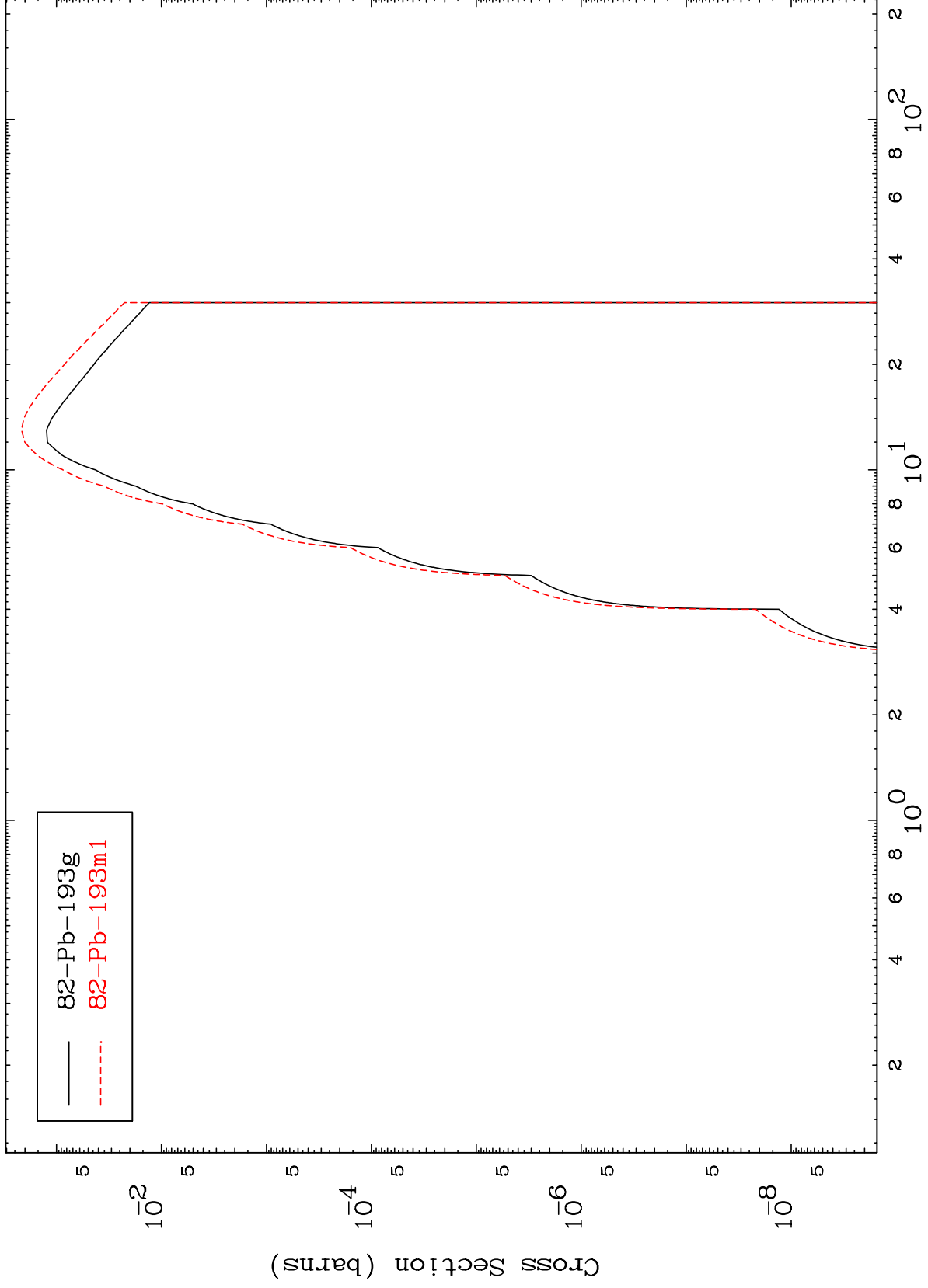
81-Tl-192



MAT 8092

Radionuclide Production Cross Section

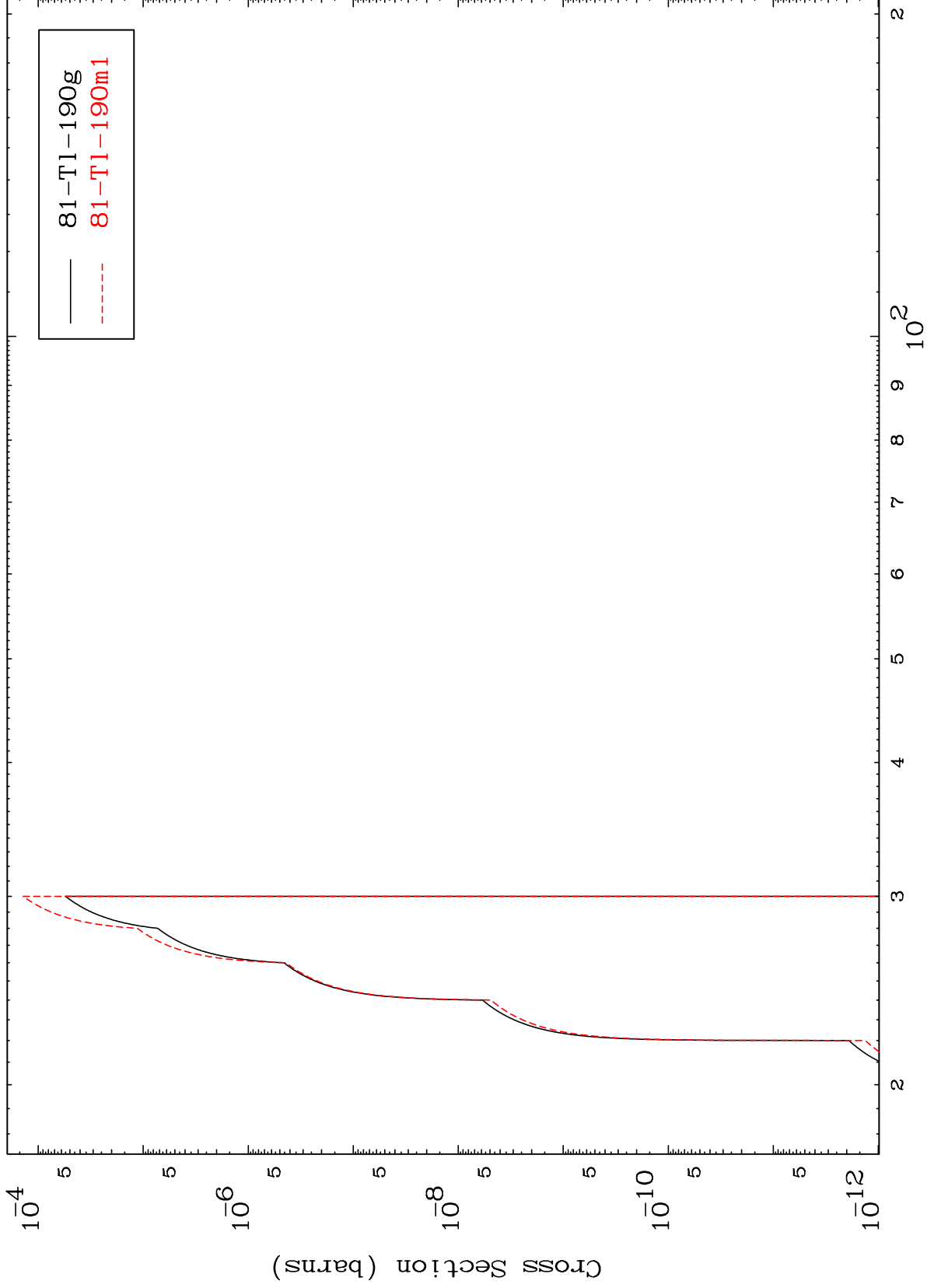
81-Tl-192



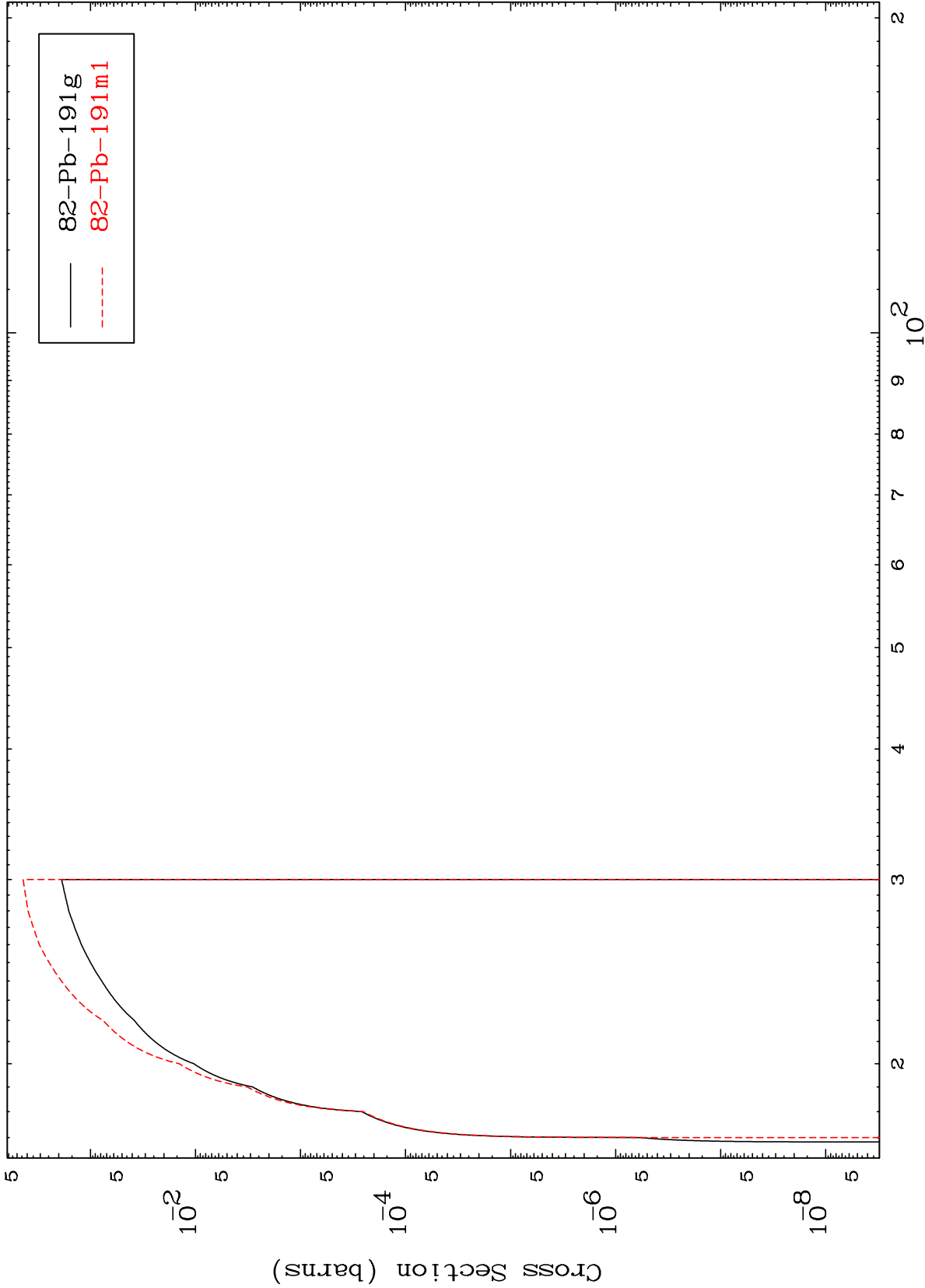
81-Tl-192

Incident Energy (MeV)

Radionuclide Production Cross Section



Radionuclide Production Cross Section

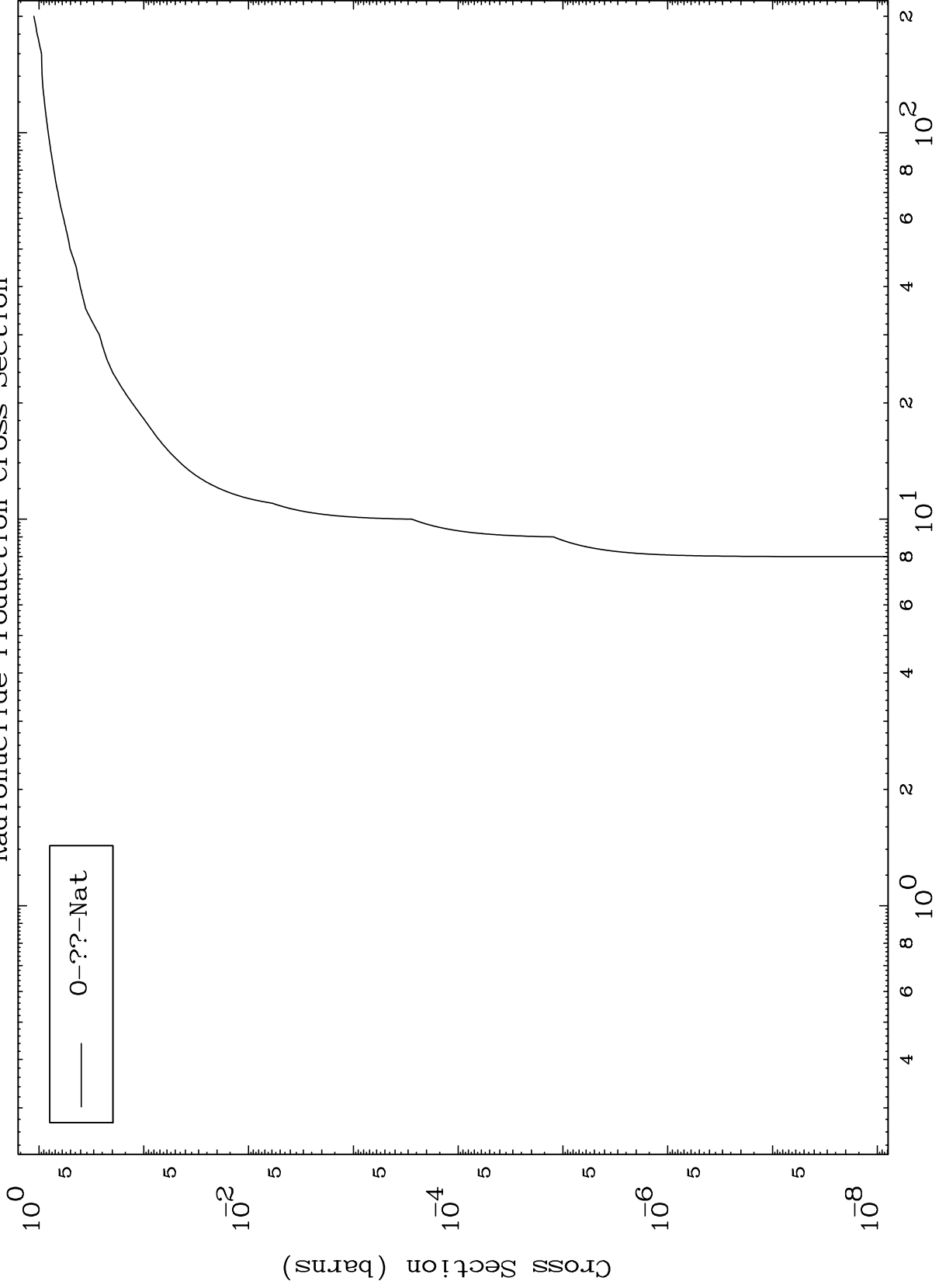


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Fission

81-Tl-192

Radionuclide Production Cross Section



16

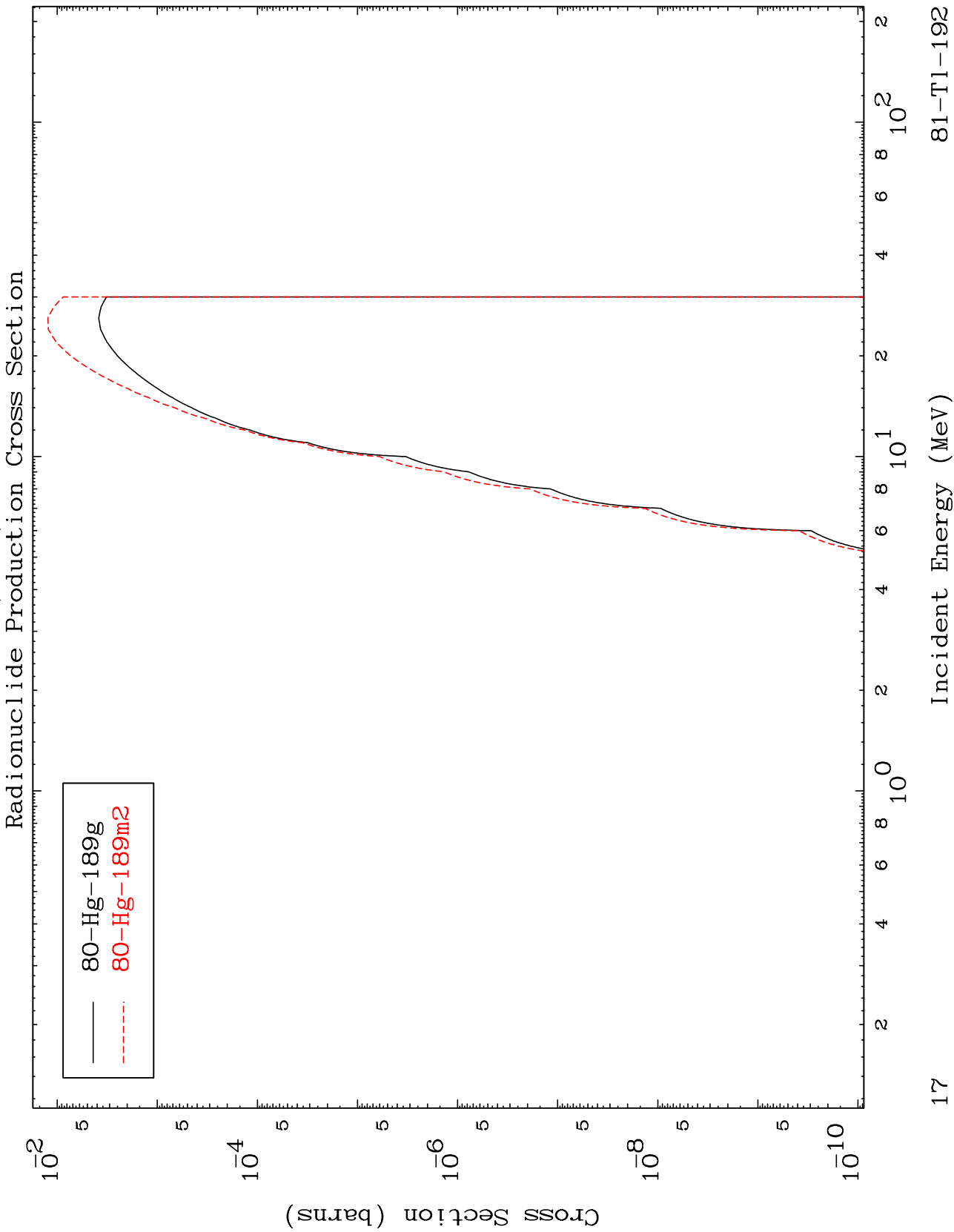
Incident Energy (MeV)

81-Tl-192

MAT 8092

(n,n')  $\alpha$

81-T1-192

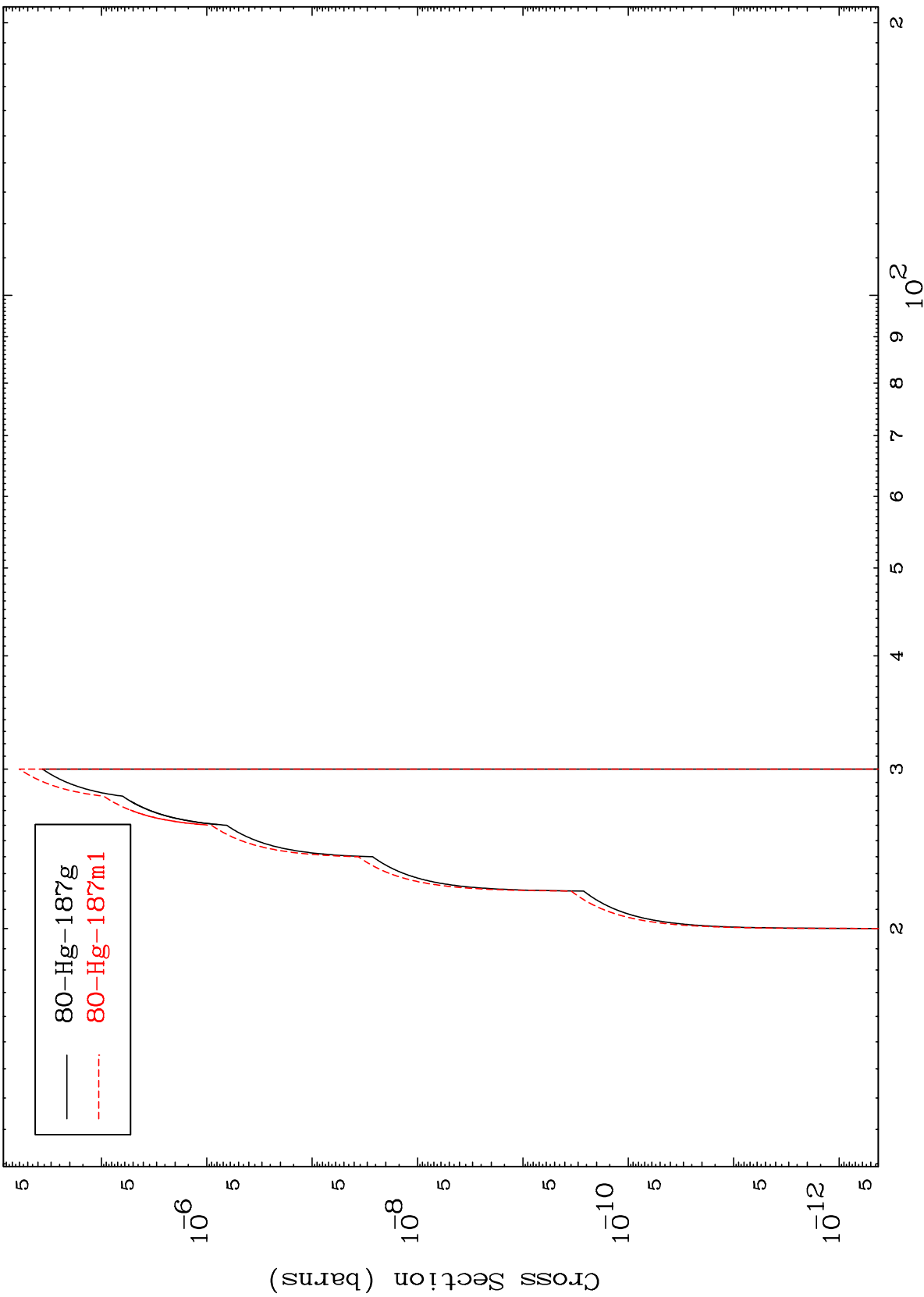


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(n,3n)  $\alpha$

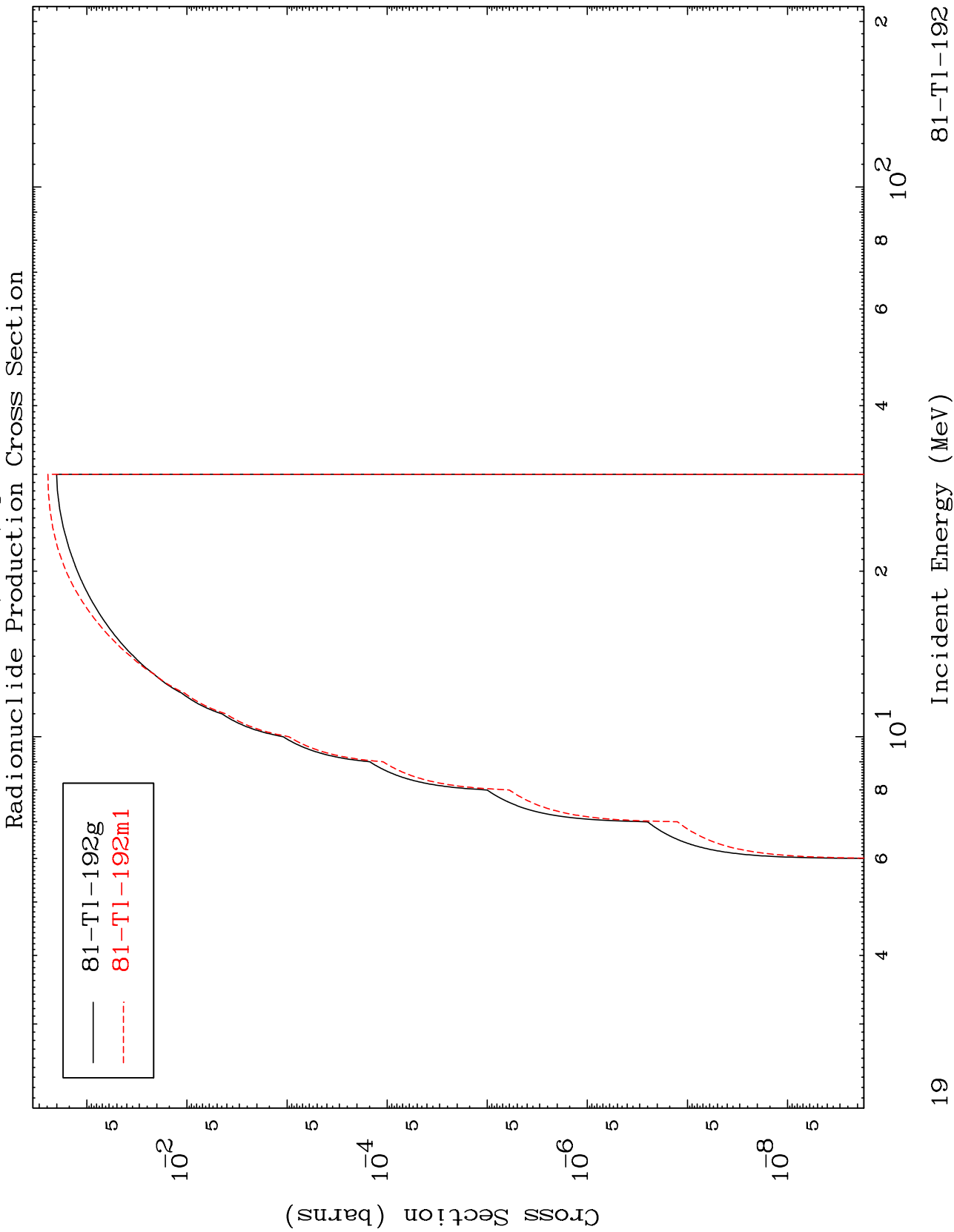
81-T1-192

Radionuclide Production Cross Section



MAT 8092

81-Tl-192

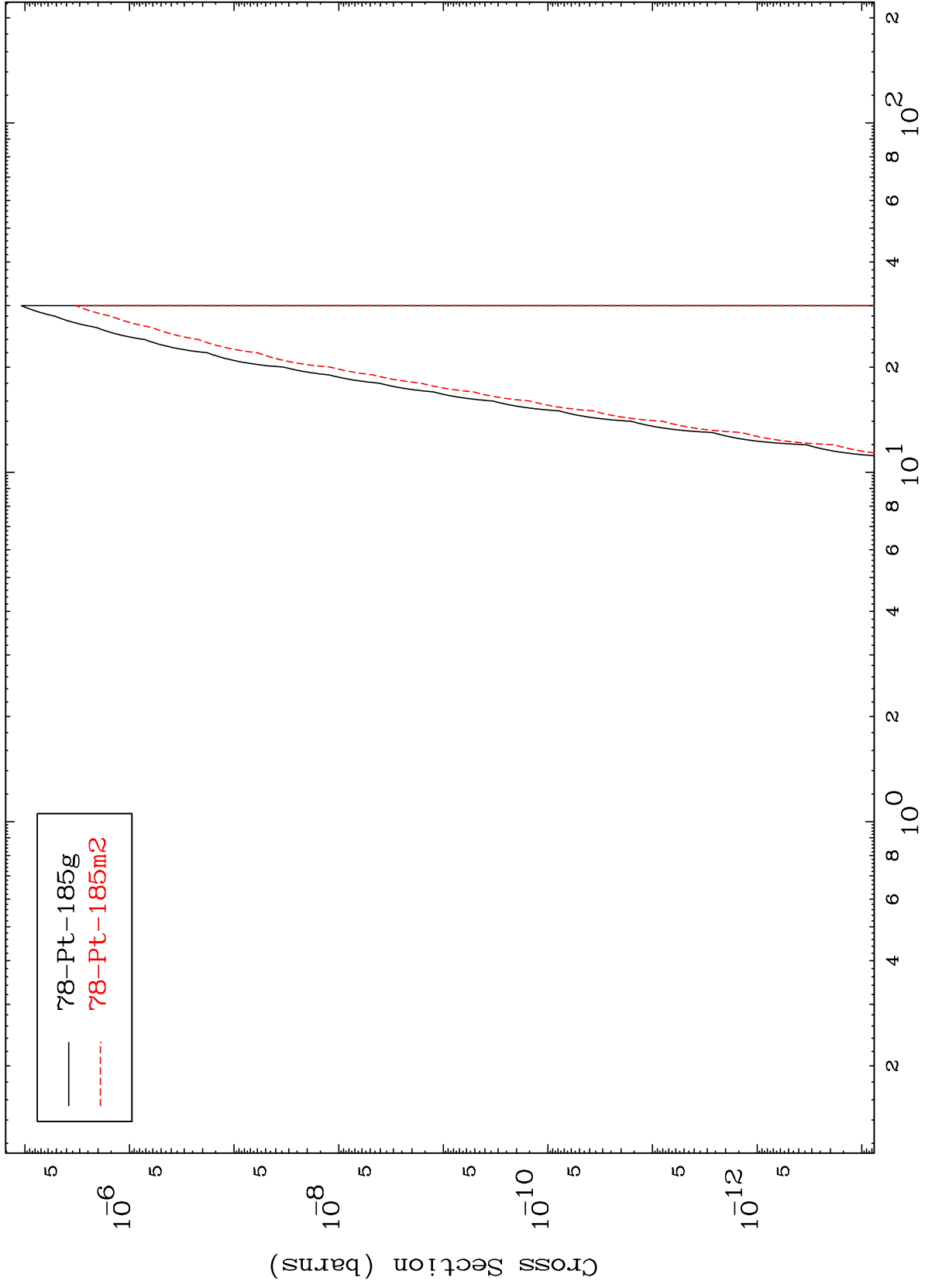


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(n,n') 2α

81-Tl-192

Radionuclide Production Cross Section



20

Incident Energy (MeV)

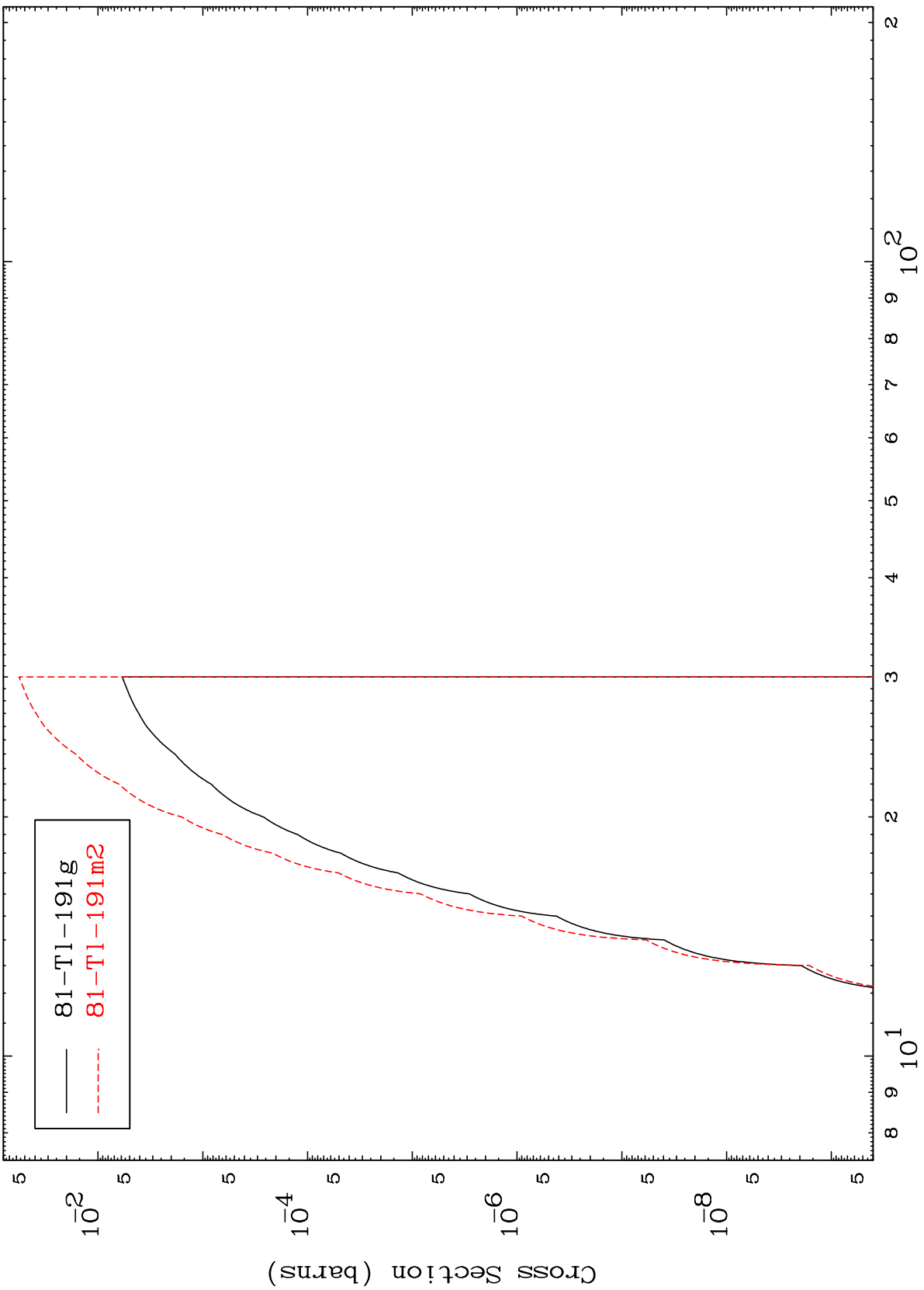
81-Tl-192

MAT 8092

(n,n') d

81-Tl-192

Radionuclide Production Cross Section



81-Tl-191g  
81-Tl-191m2

21

Incident Energy (MeV)

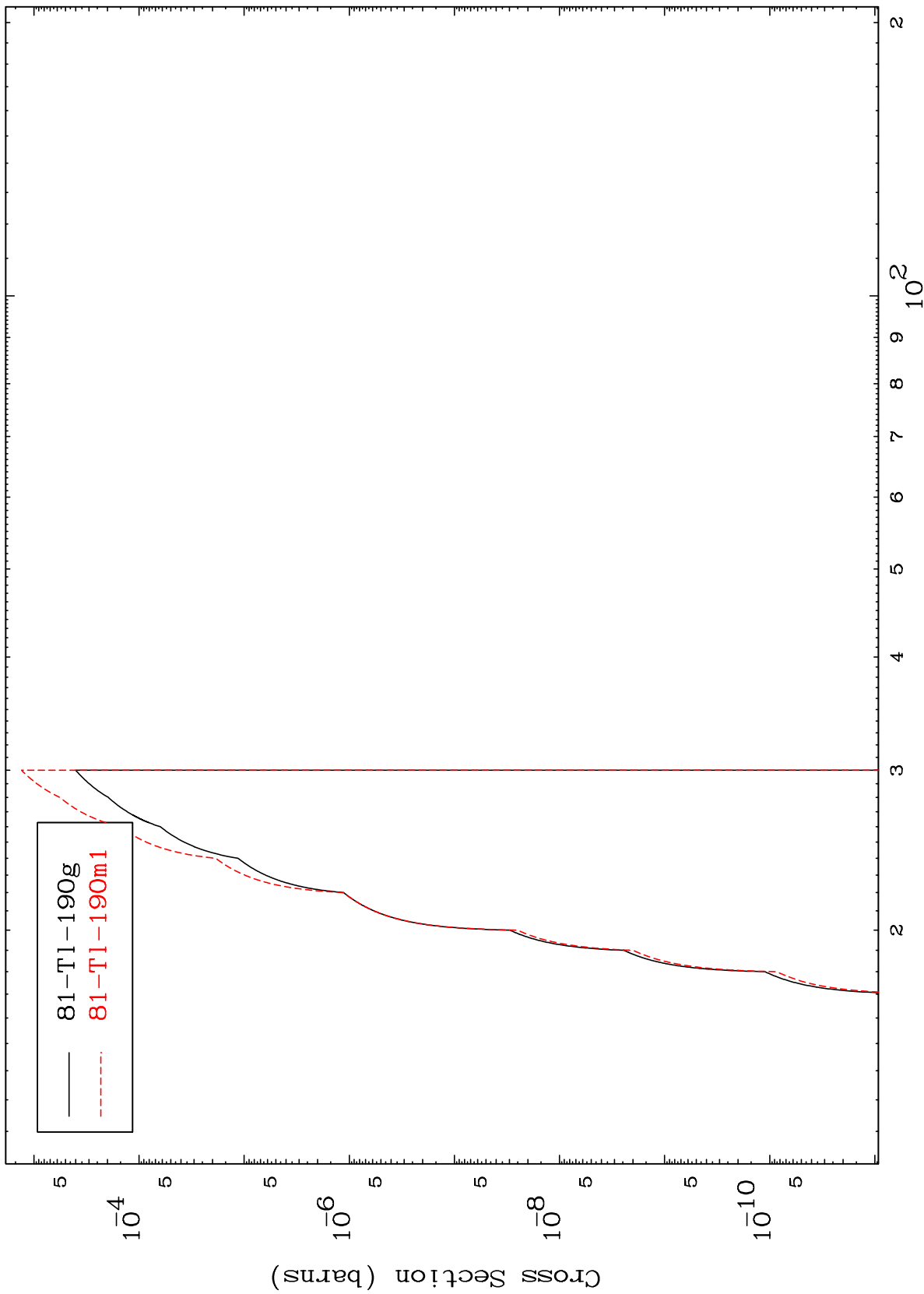
81-Tl-192

MAT 8092

(n,n') t

81-Tl-192

Radionuclide Production Cross Section

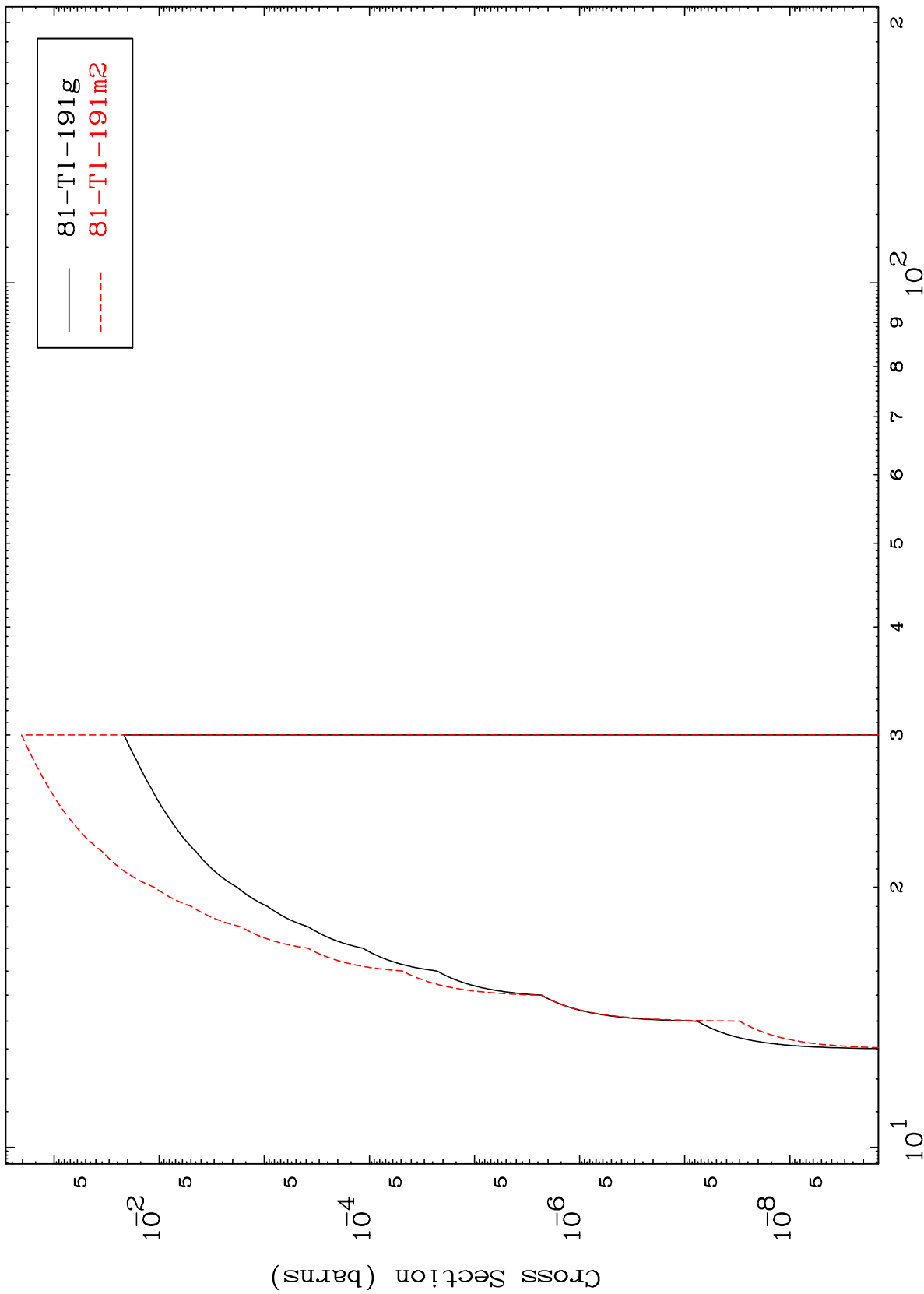


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(n,2n) p

81-Tl-192

Radionuclide Production Cross Section



81-Tl-191g  
81-Tl-191m2

Incident Energy (MeV)

81-Tl-192

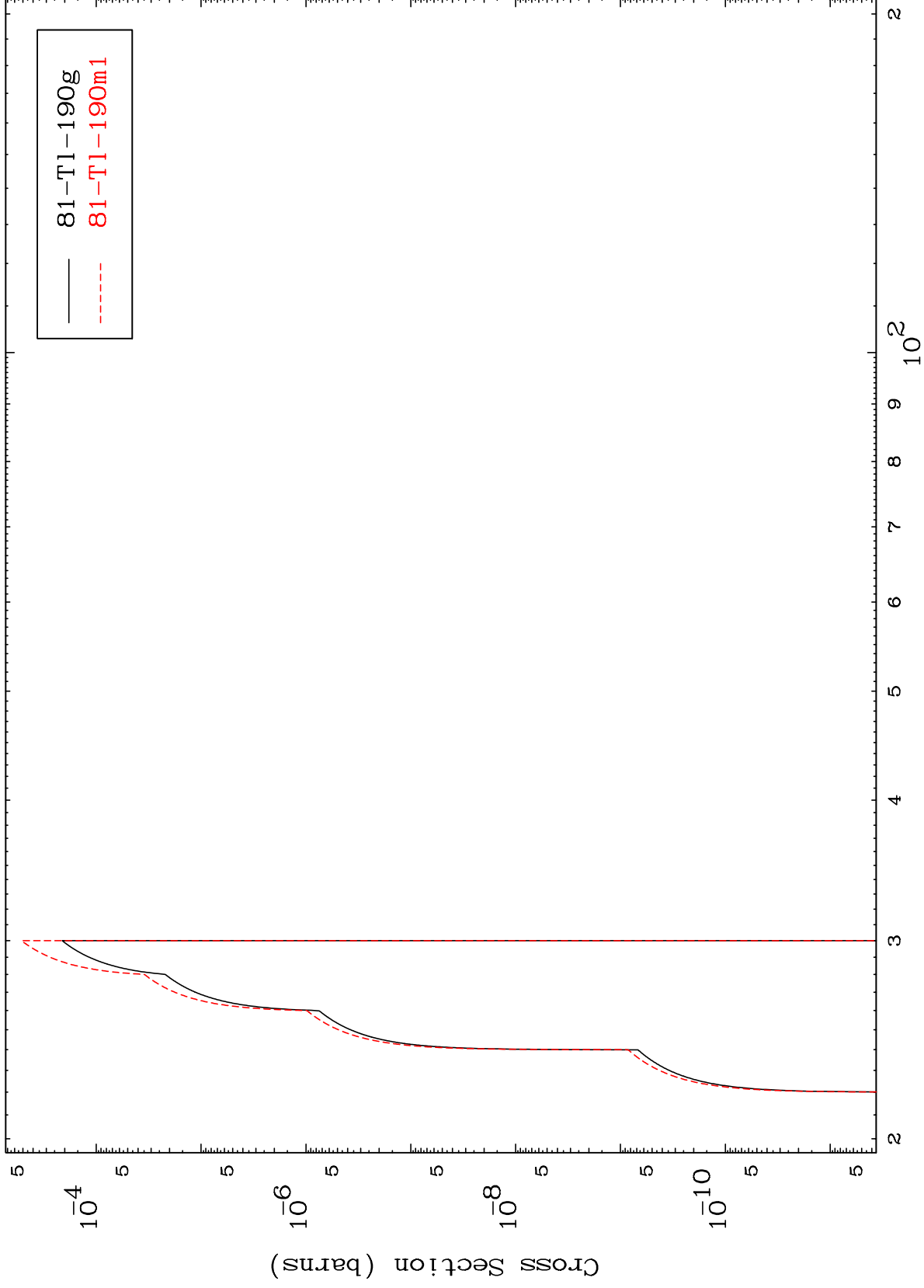
23

MAT 8092

(n,3n) p

81-Tl-192

Radionuclide Production Cross Section



24

Incident Energy (MeV)

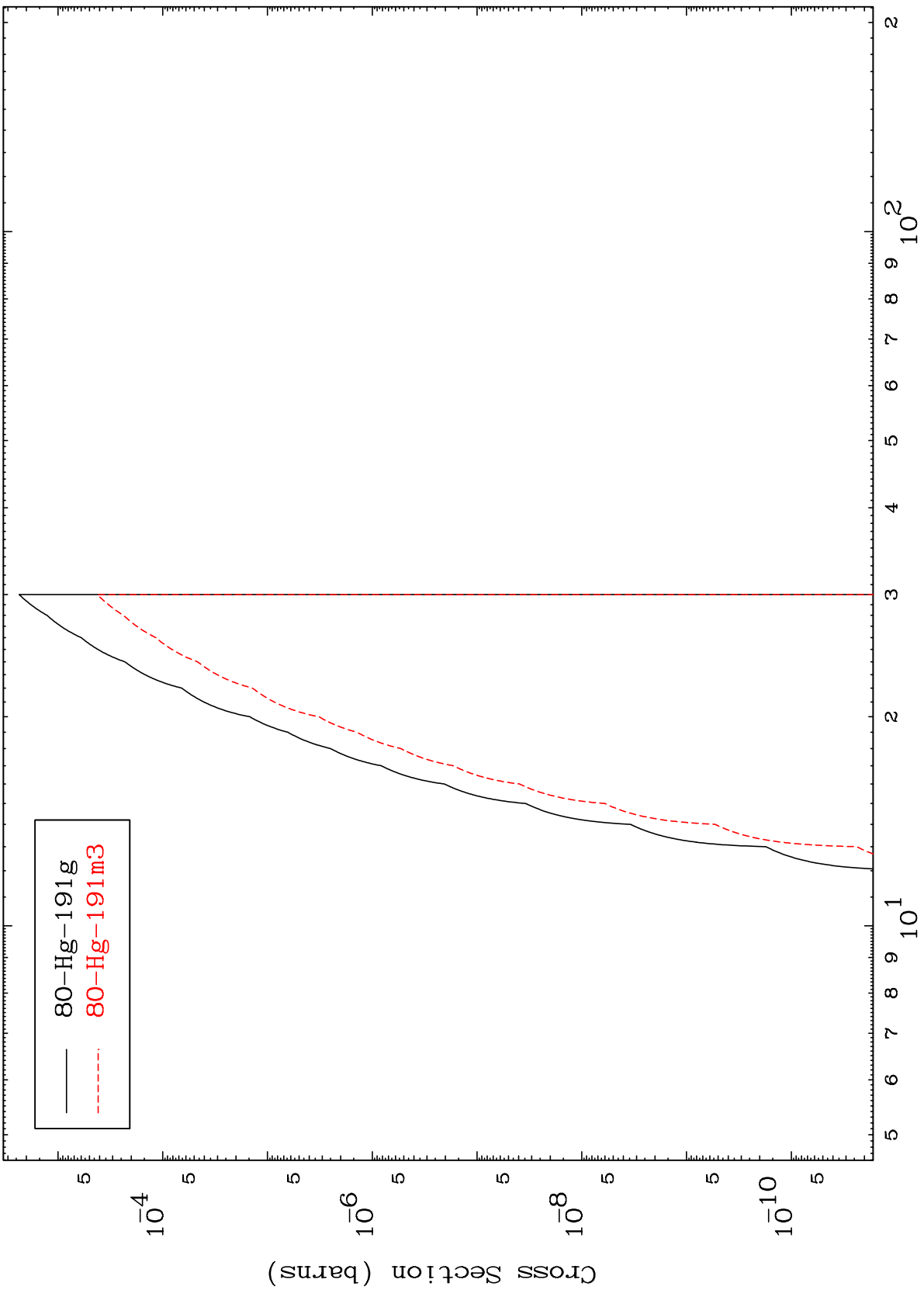
81-Tl-192

MAT 8092

(n,2n) p

81-Tl-192

Radionuclide Production Cross Section



25

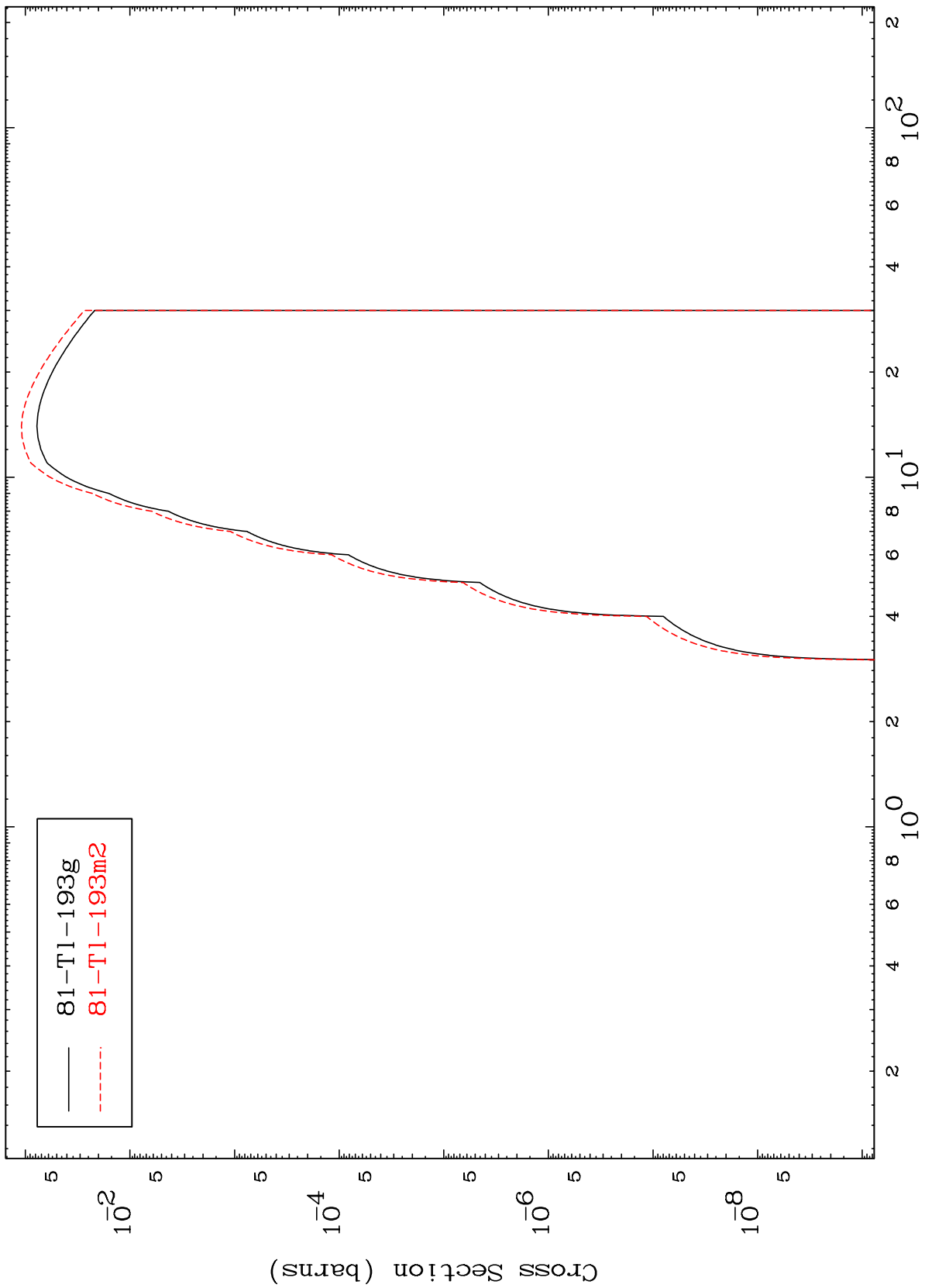
Incident Energy (MeV)

81-Tl-192

MAT 8092

81-Tl-192

(n,p)  
Radionuclide Production Cross Section



26

81-Tl-192

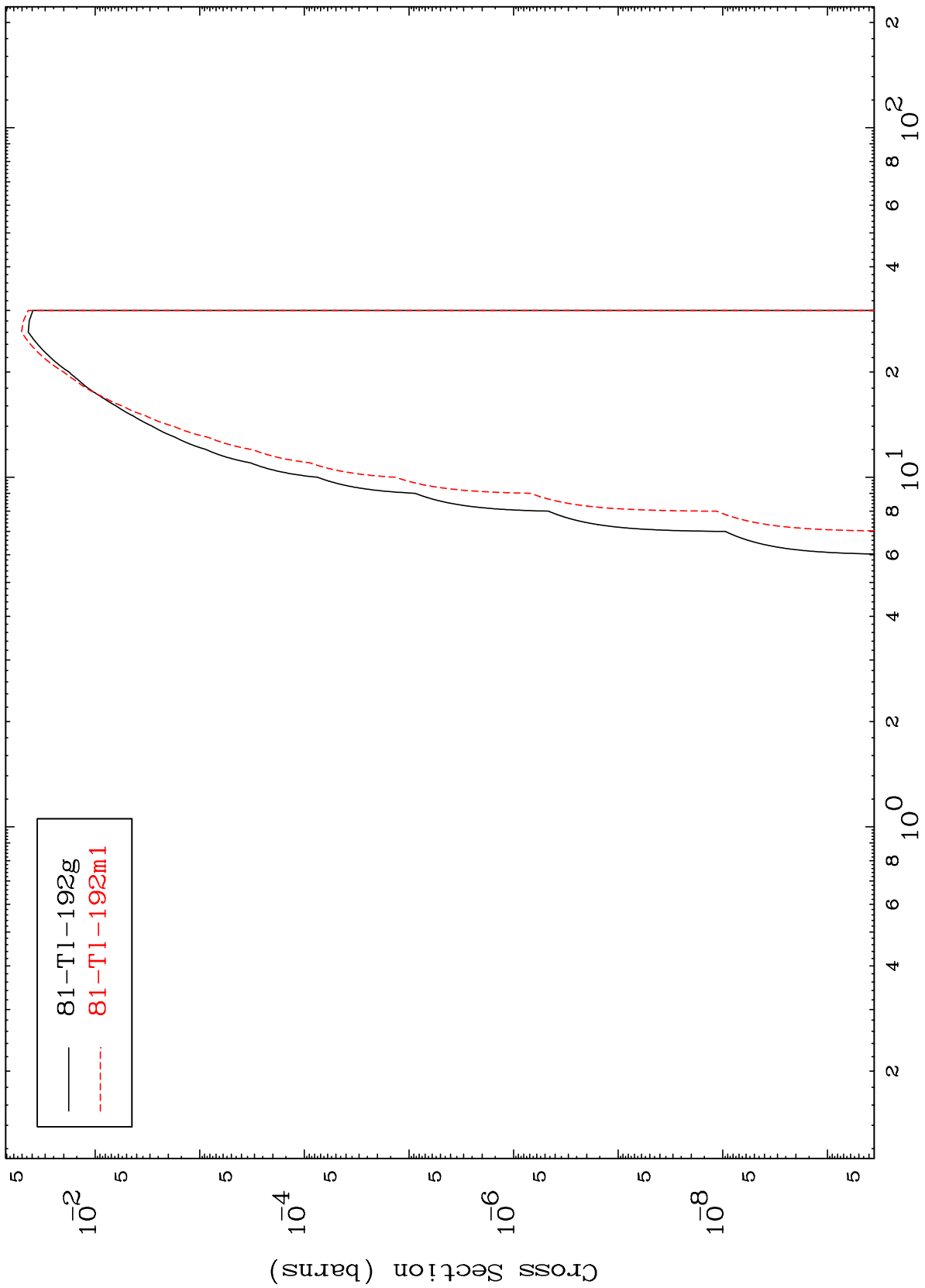
Incident Energy (MeV)

MAT 8092

(n,d)

81-Tl-192

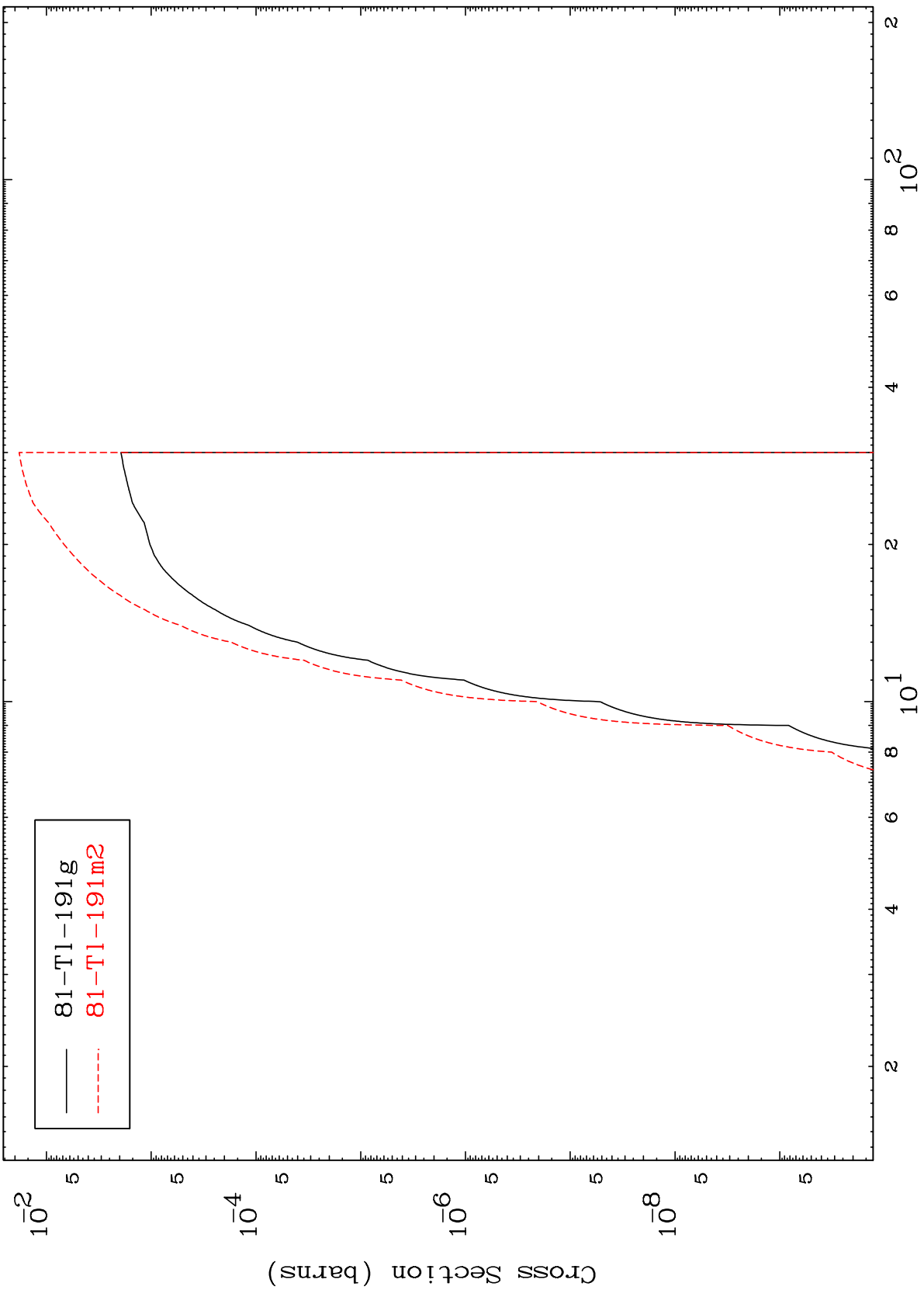
Radionuclide Production Cross Section



MAT 8092

81-Tl-192

(n, t)  
Radionuclide Production Cross Section



81-Tl-191g  
81-Tl-191m2

81-Tl-192

Incident Energy (MeV)

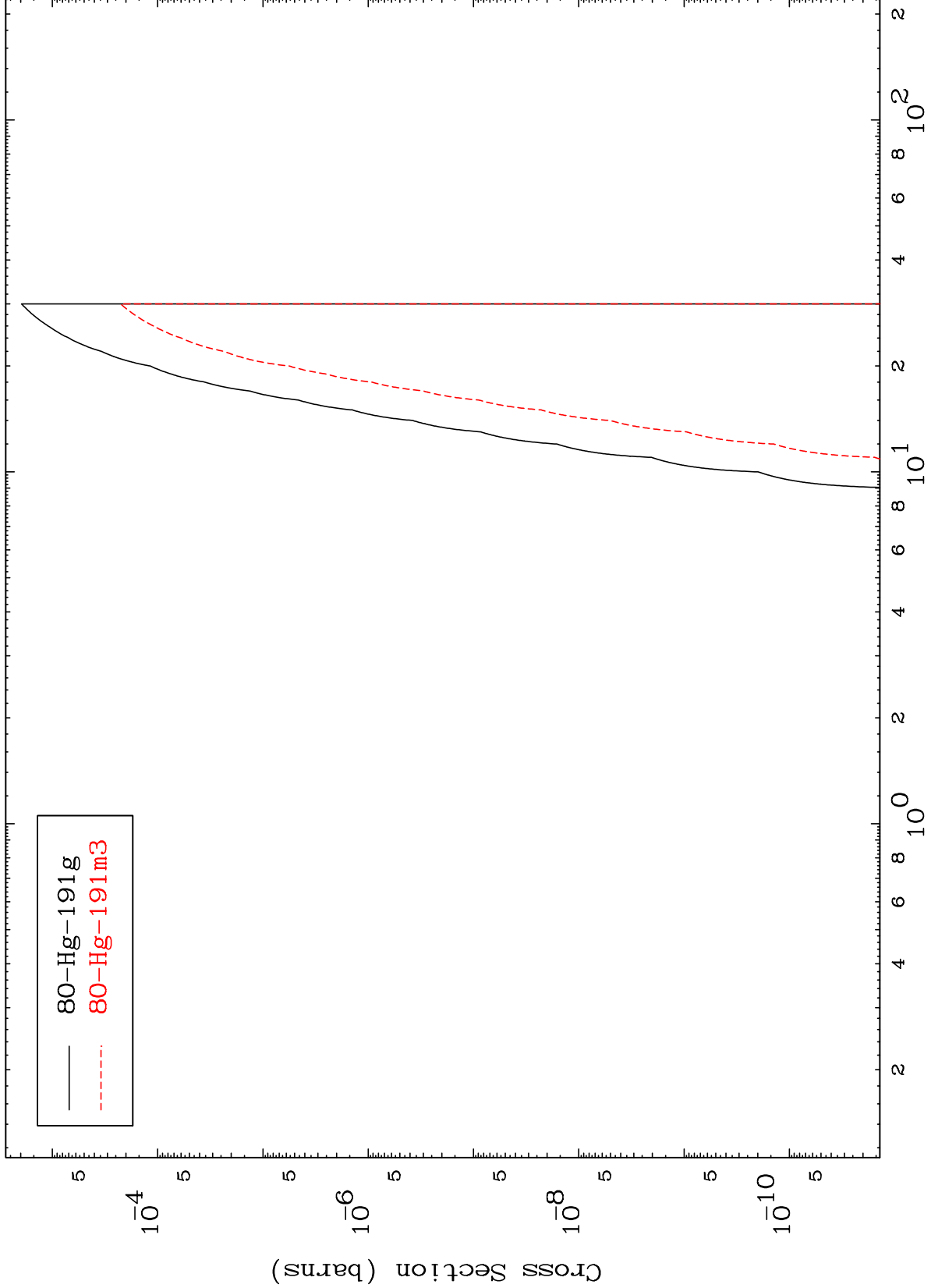
28

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(n,He-3)

81-T1-192

Radionuclide Production Cross Section

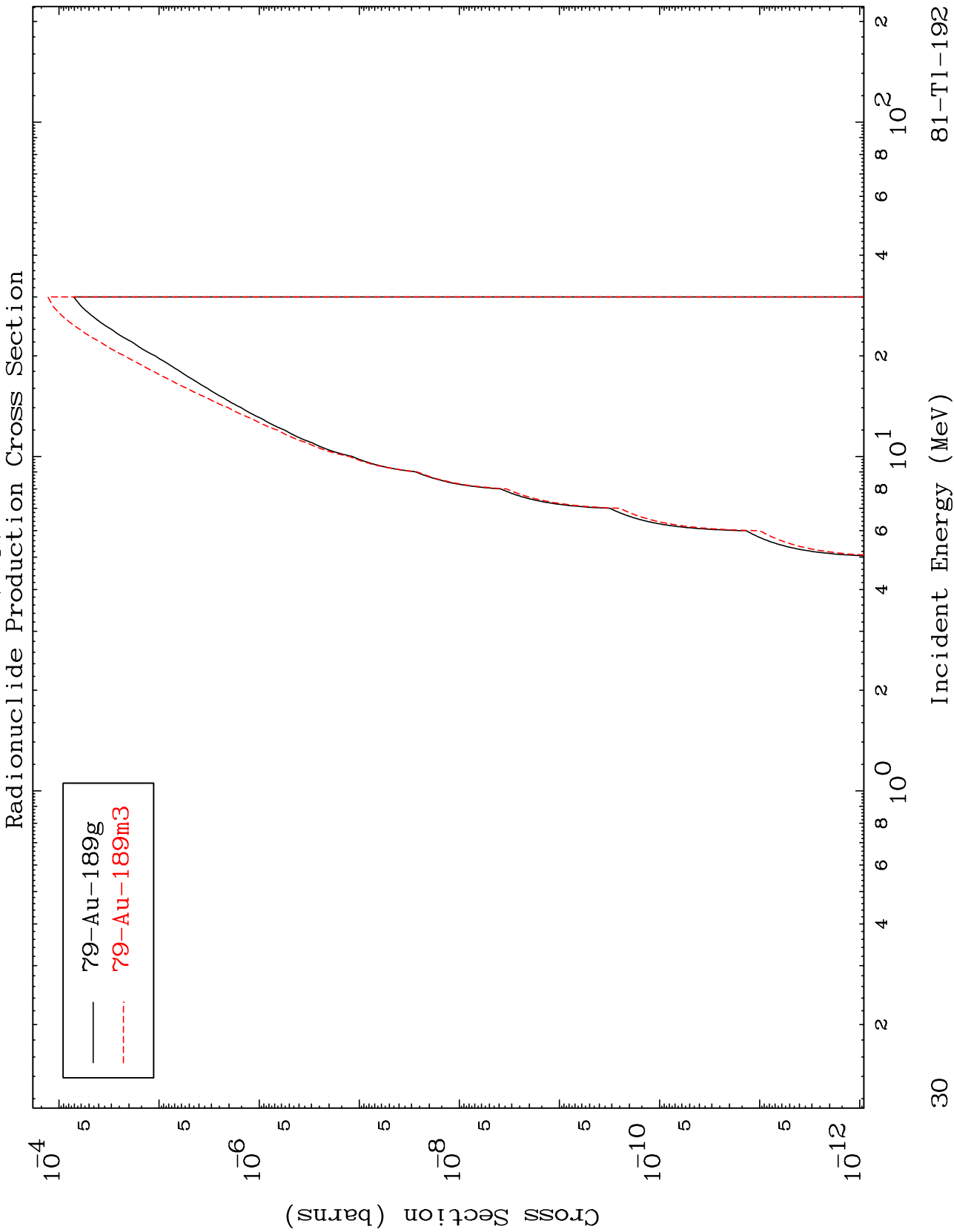


80-Hg-191g  
80-Hg-191m3

MAT 8092

(n,p)  $\alpha$

81-Tl-192

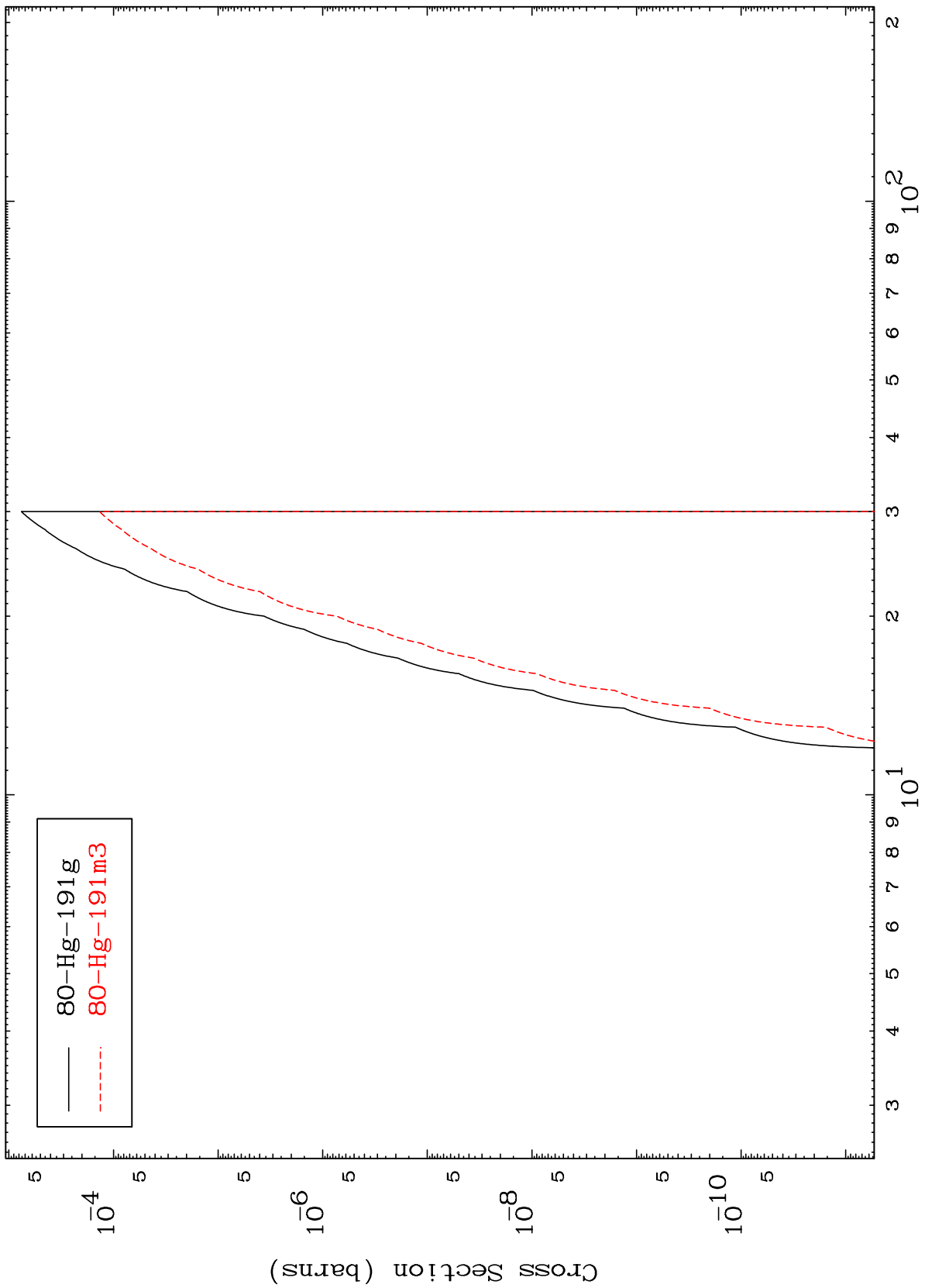


MAT 8092

(n,p) d

81-Tl-192

Radionuclide Production Cross Section



31

Incident Energy (MeV)

81-Tl-192