

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

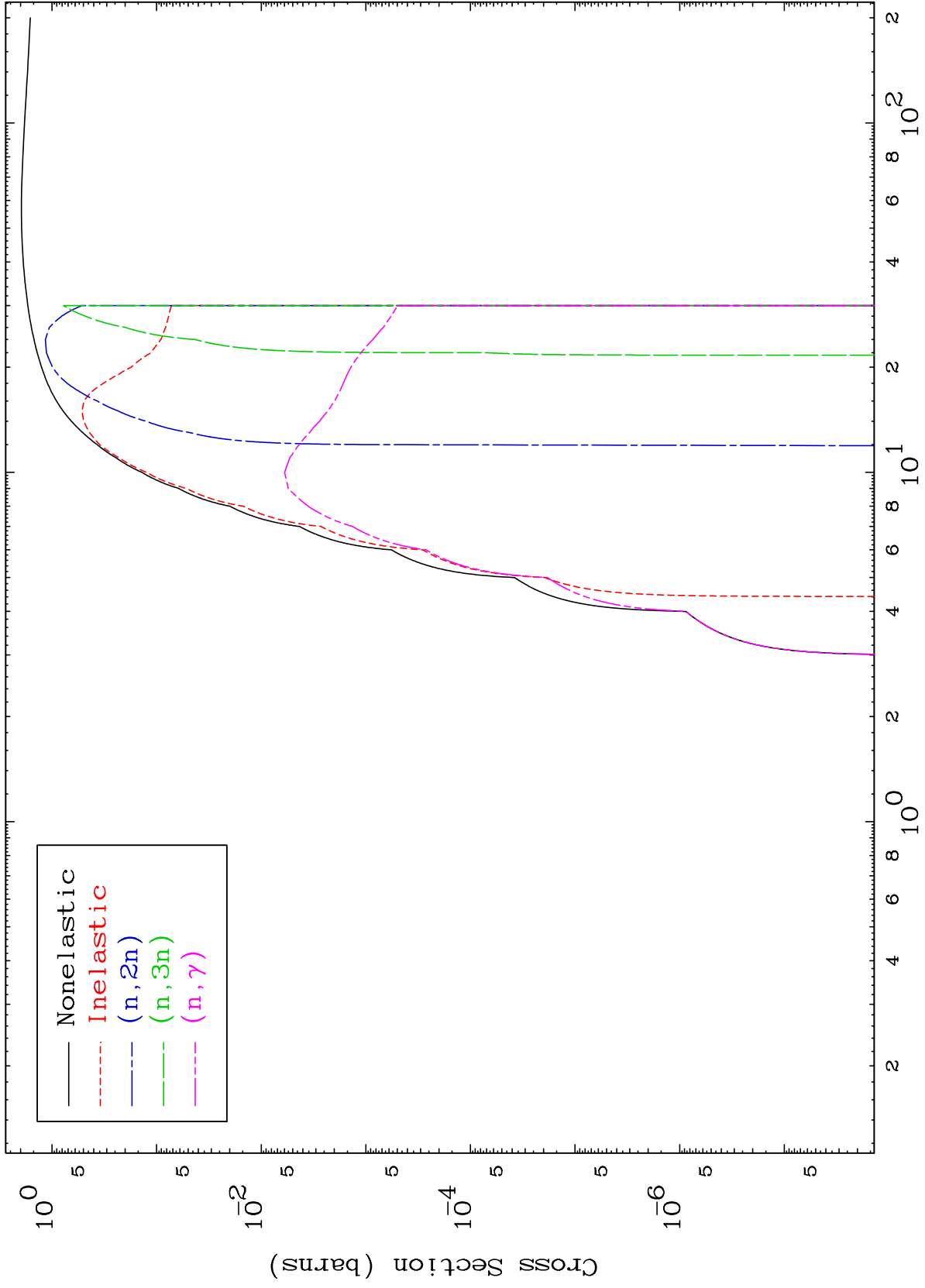
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

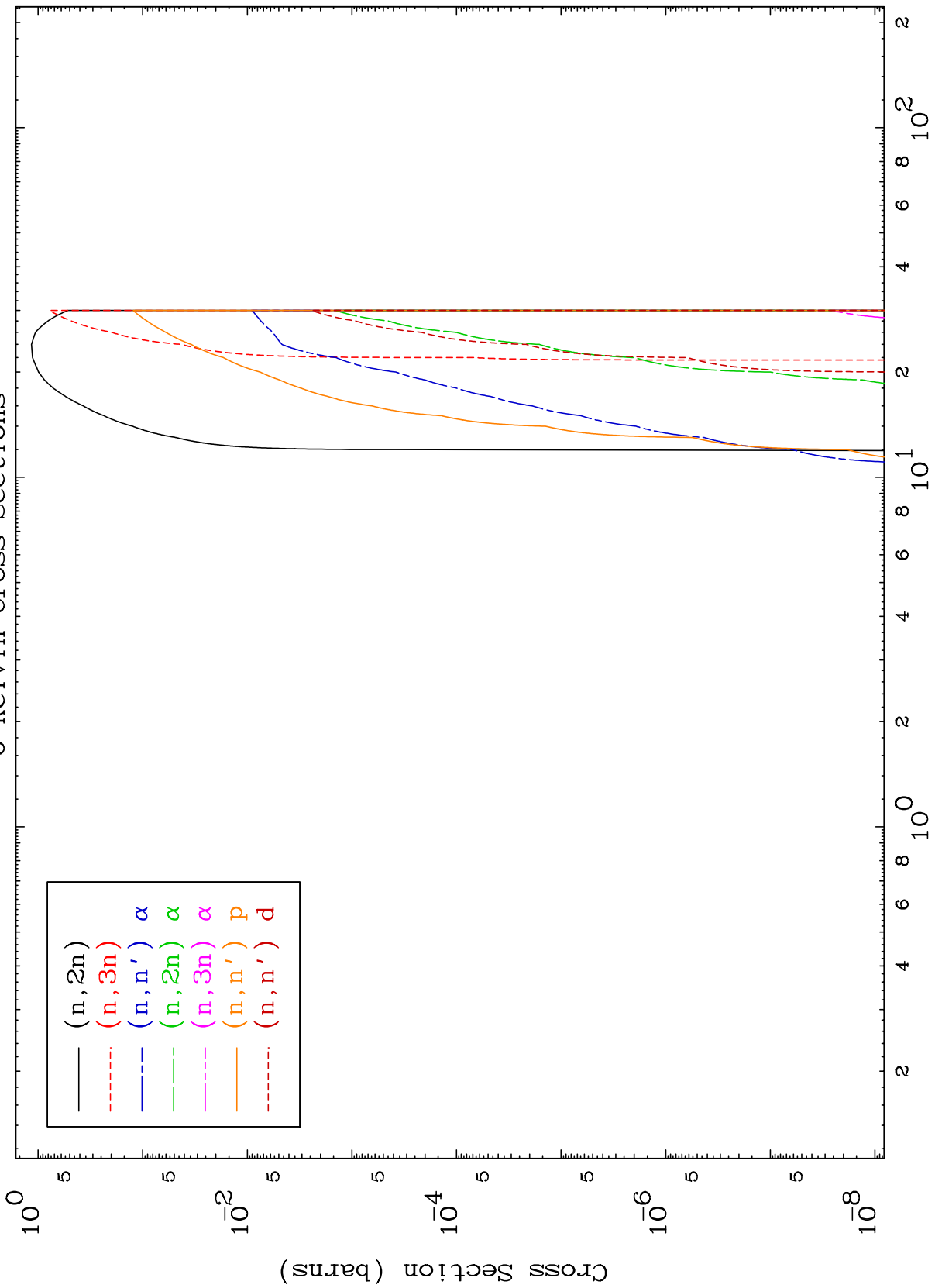
Tele: 925-443-1911

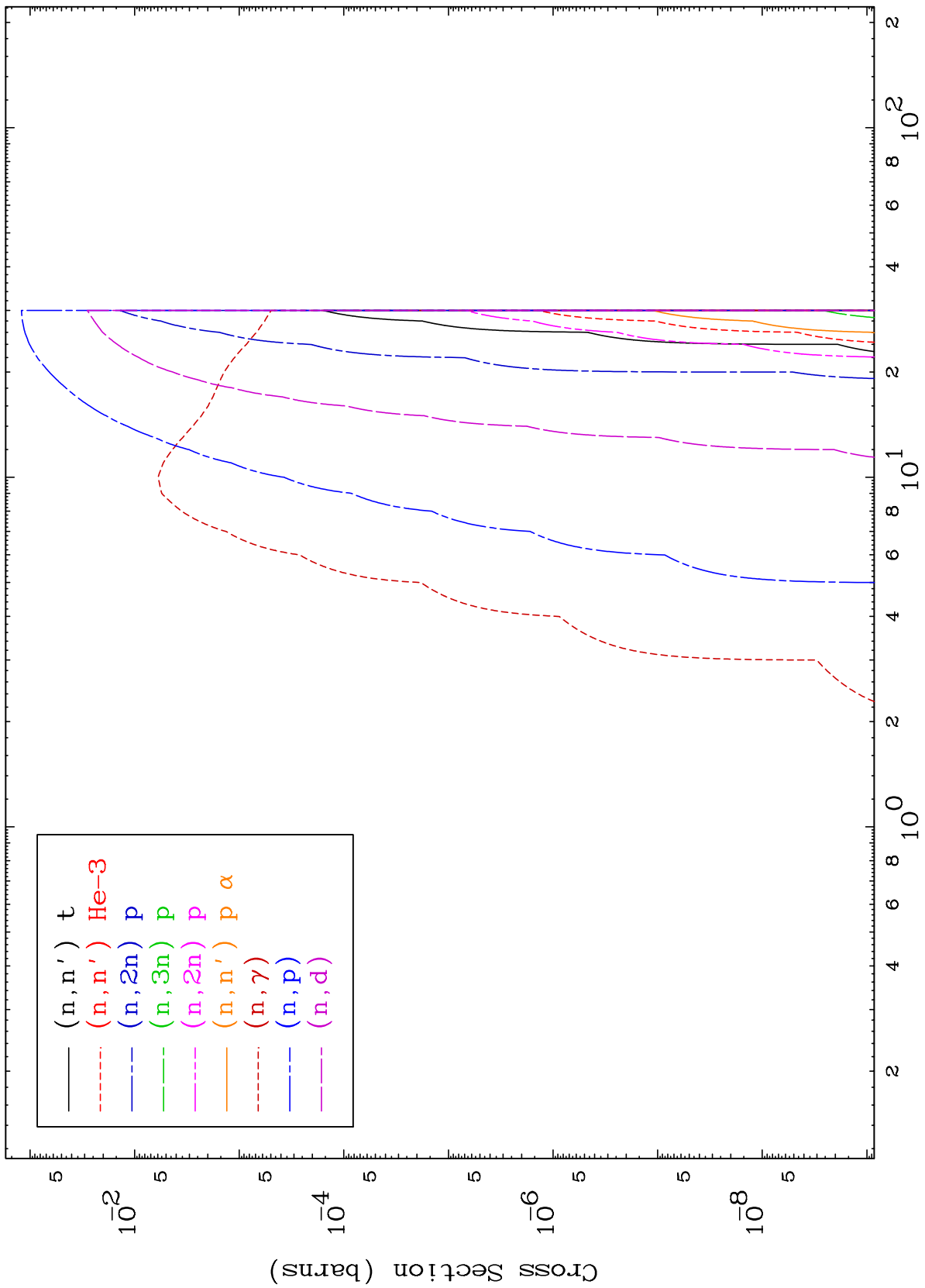
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

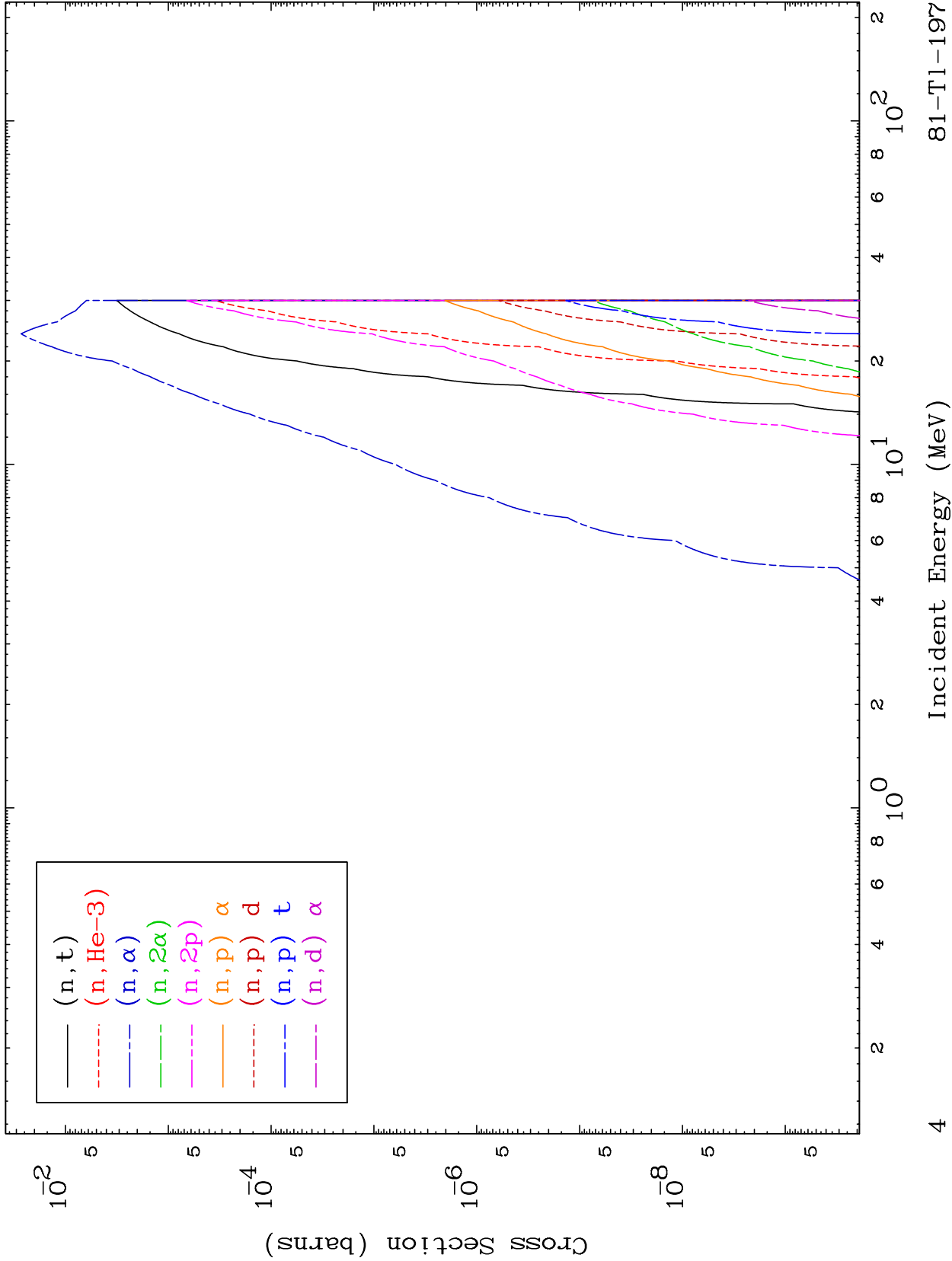
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

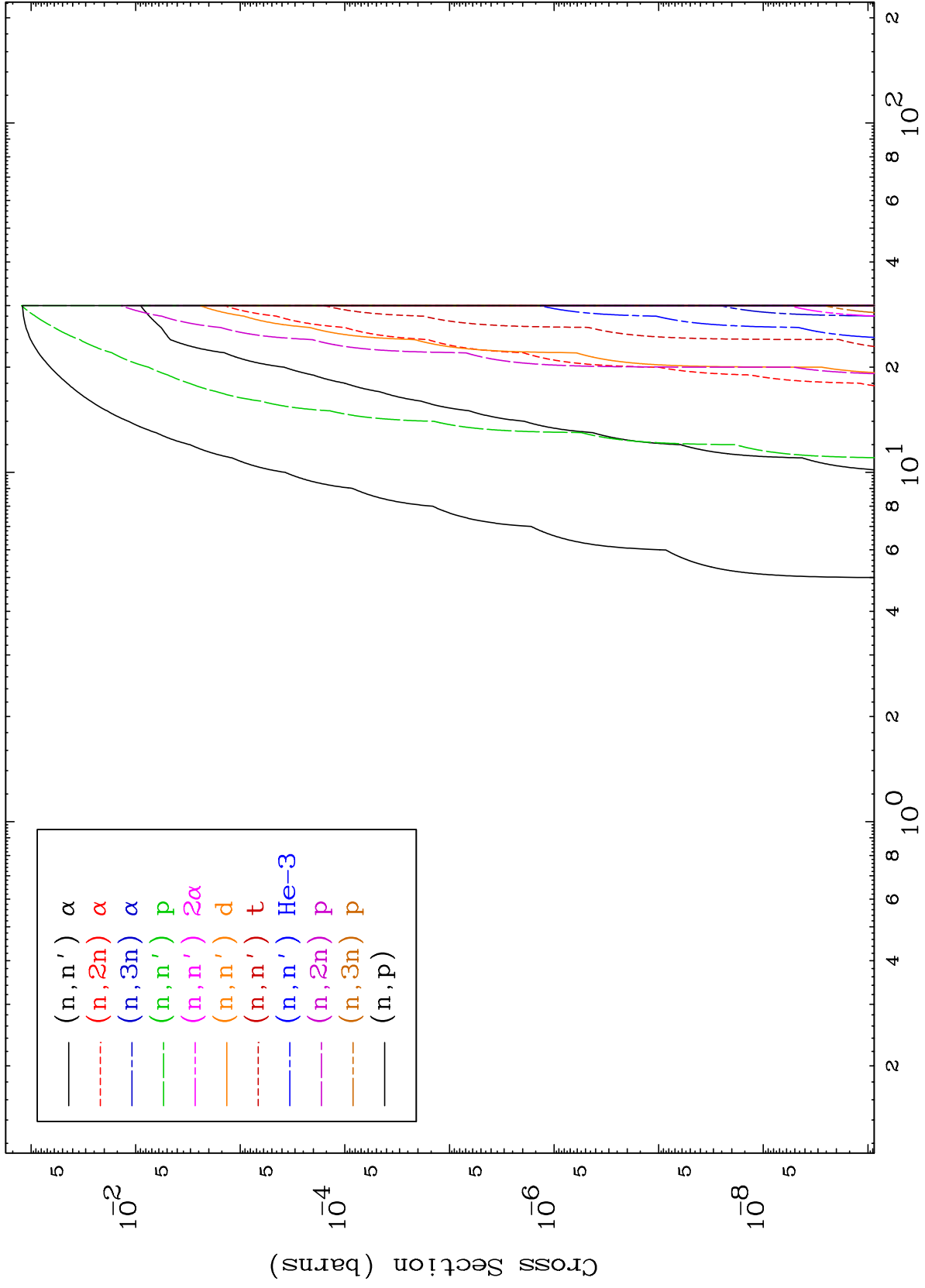
Press Mouse Button to Start

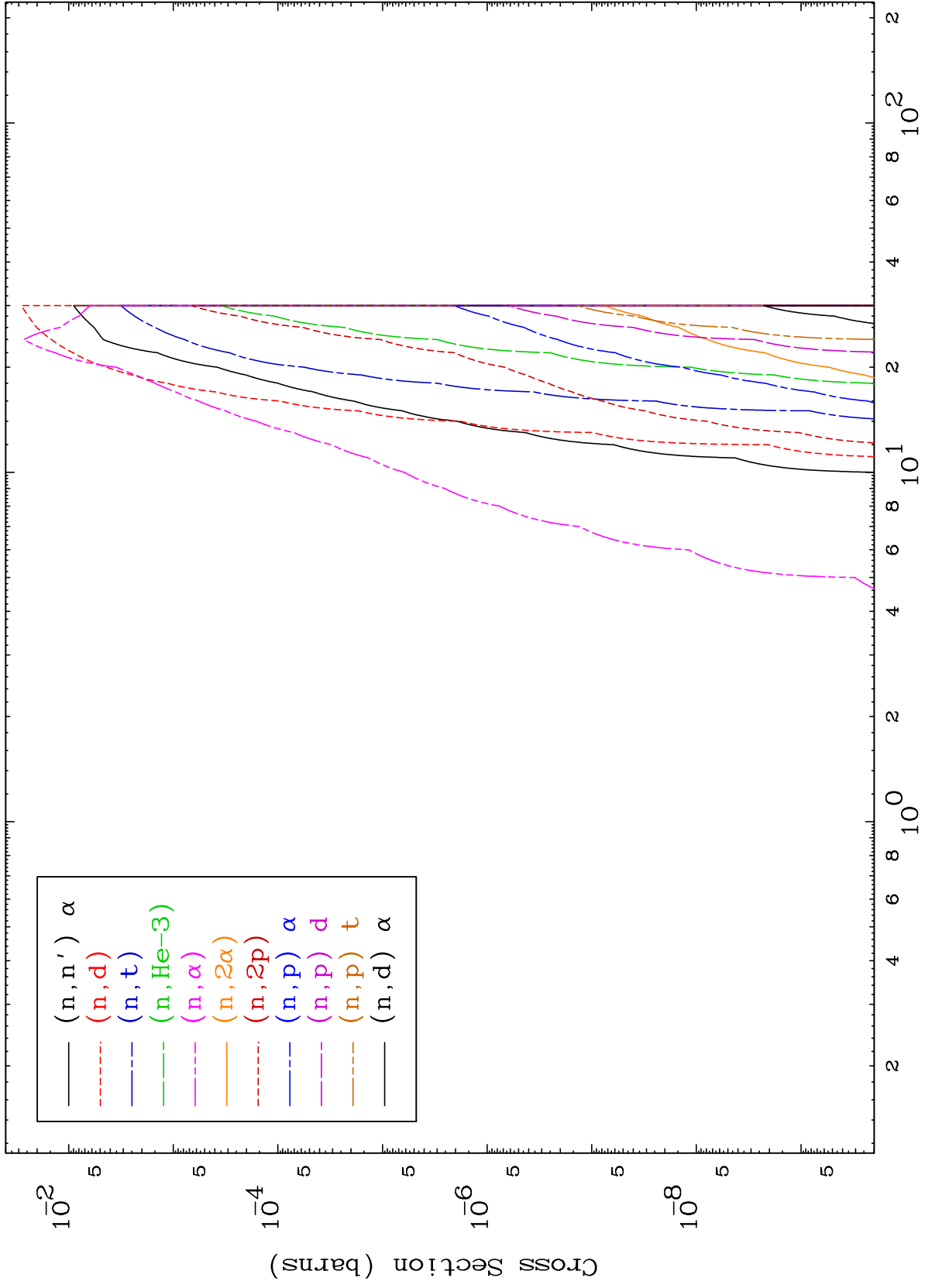








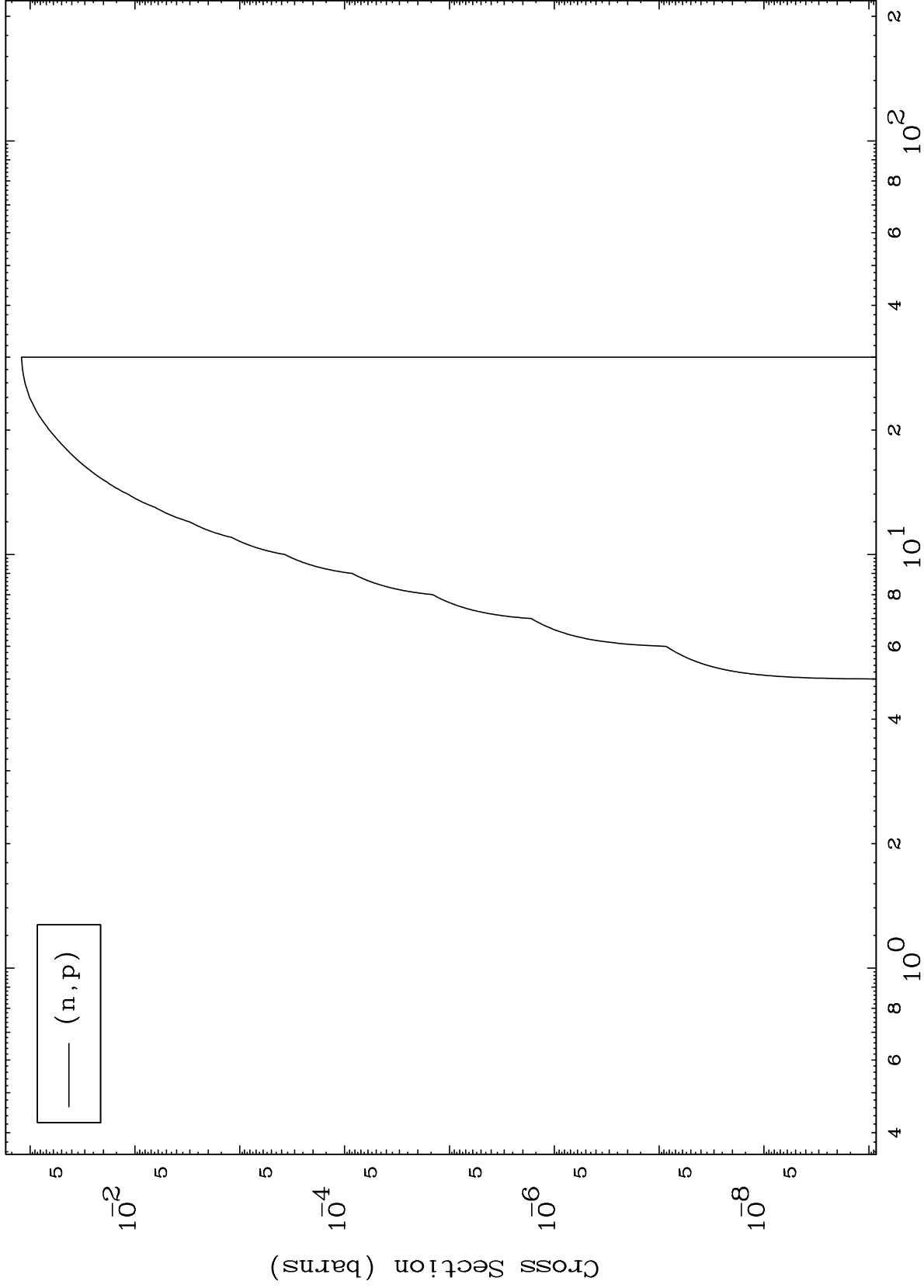




MAT 8107

(p,p) Levels  
0 Kelvin Cross Sections

81-Tl-197



7

Incident Energy (MeV)

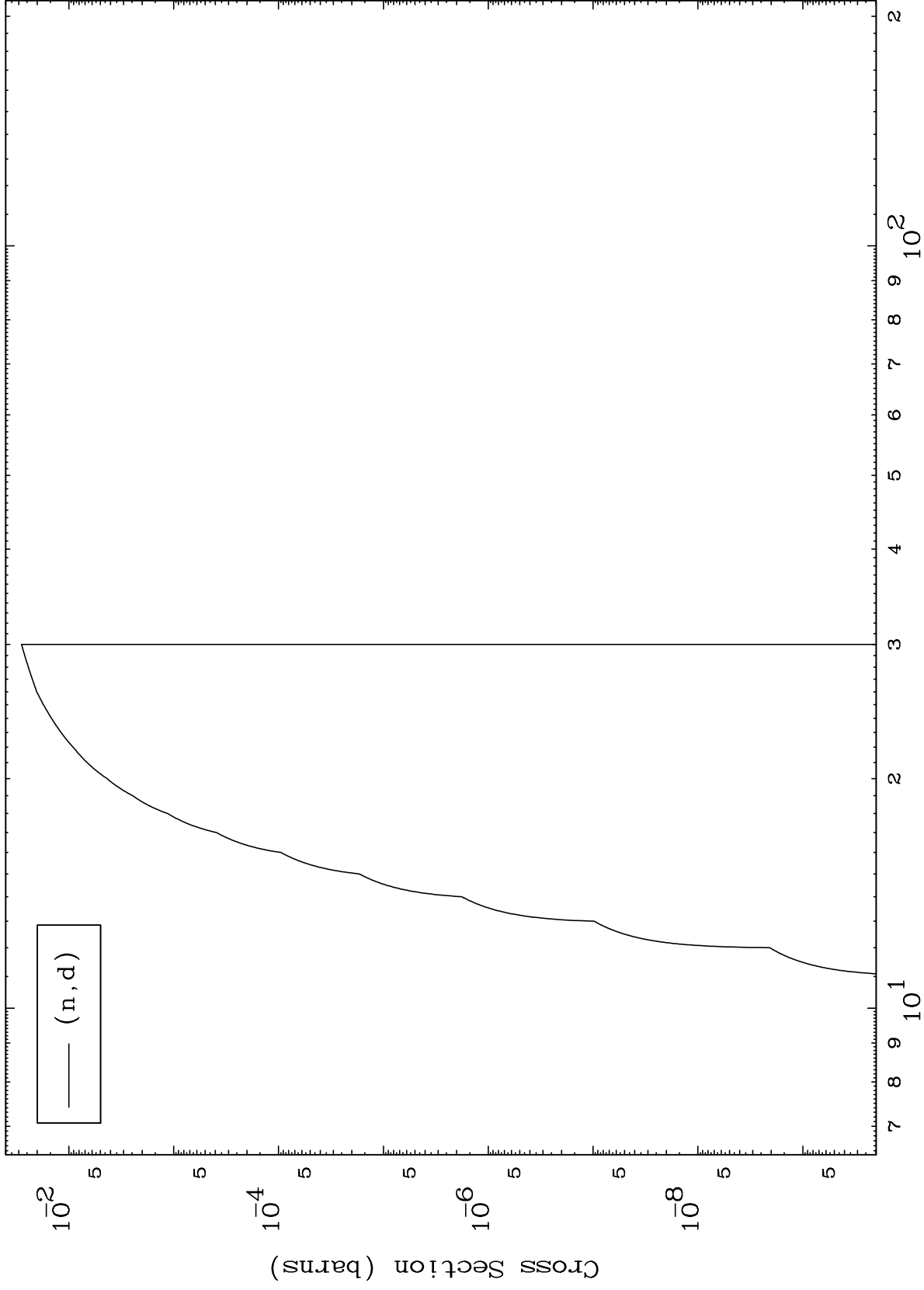
81-Tl-197



MAT 8107

(p,d) Levels  
0 Kelvin Cross Sections

81-T1-197



8

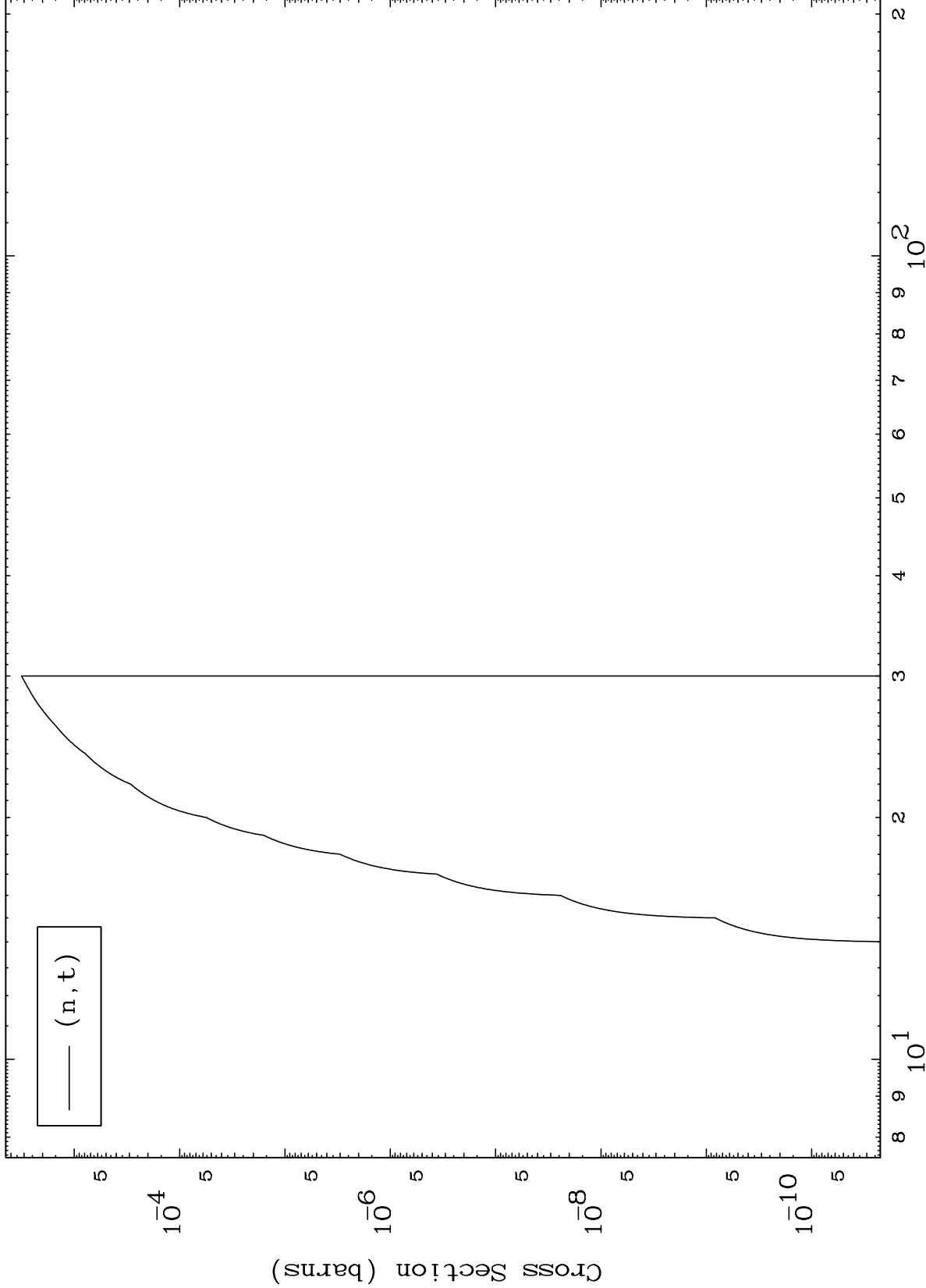
Incident Energy (MeV)

81-T1-197

MAT 8107

(p,t) Levels  
0 Kelvin Cross Sections

81-Tl-197



9

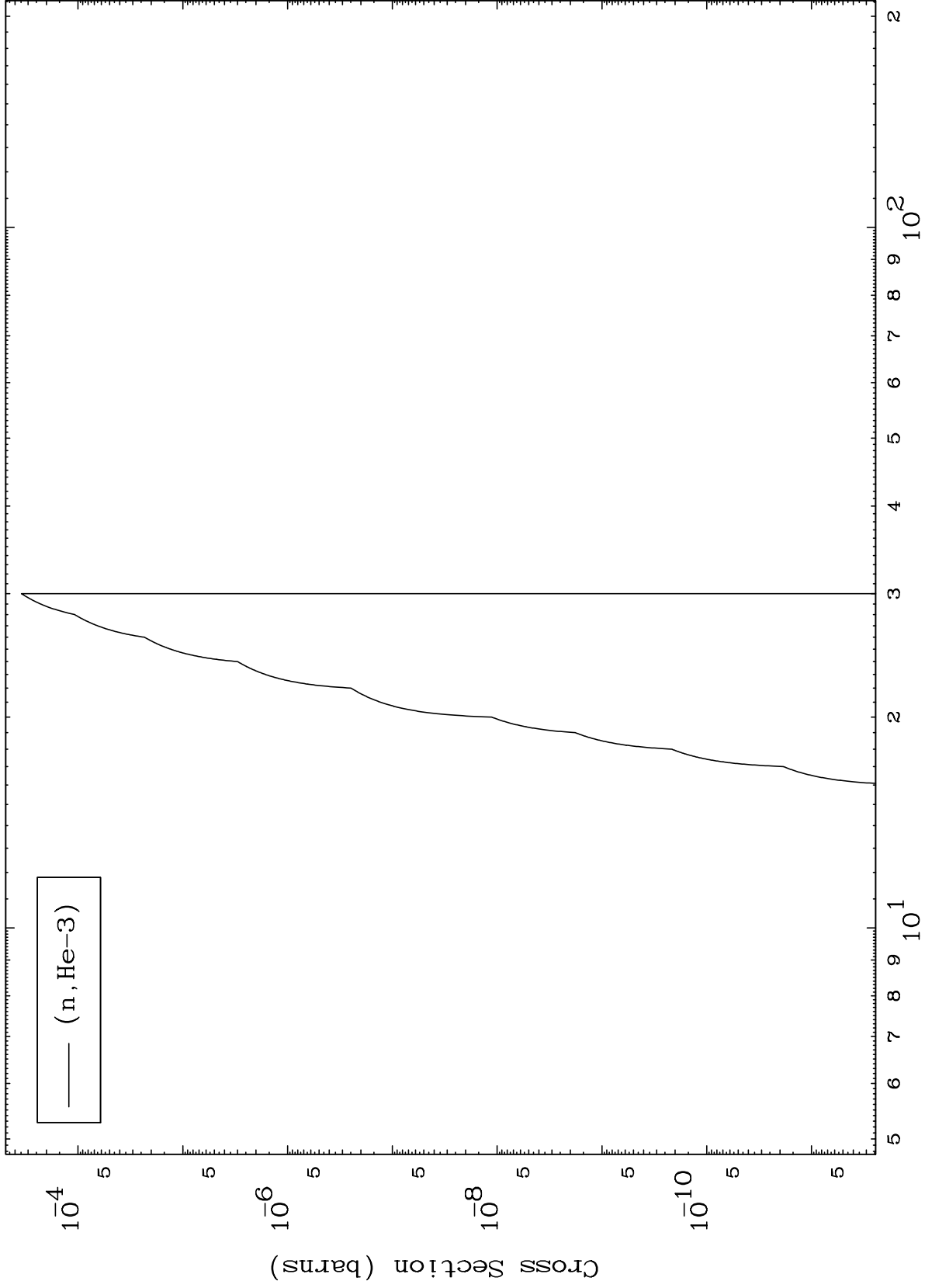
Incident Energy (MeV)

81-Tl-197

MAT 8107

(p,He3) Levels  
0 Kelvin Cross Sections

81-T1-197



10

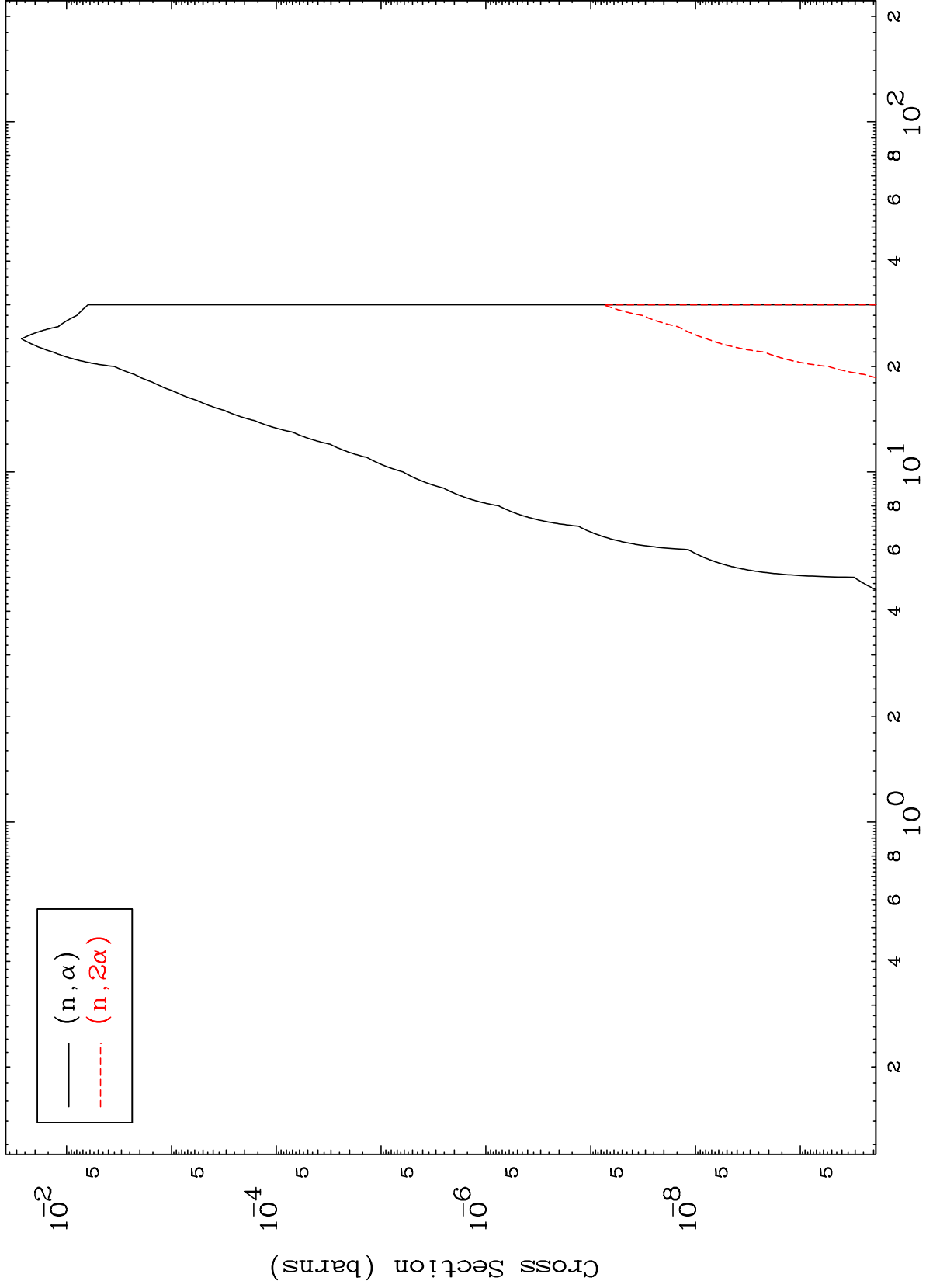
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-Tl-197



11

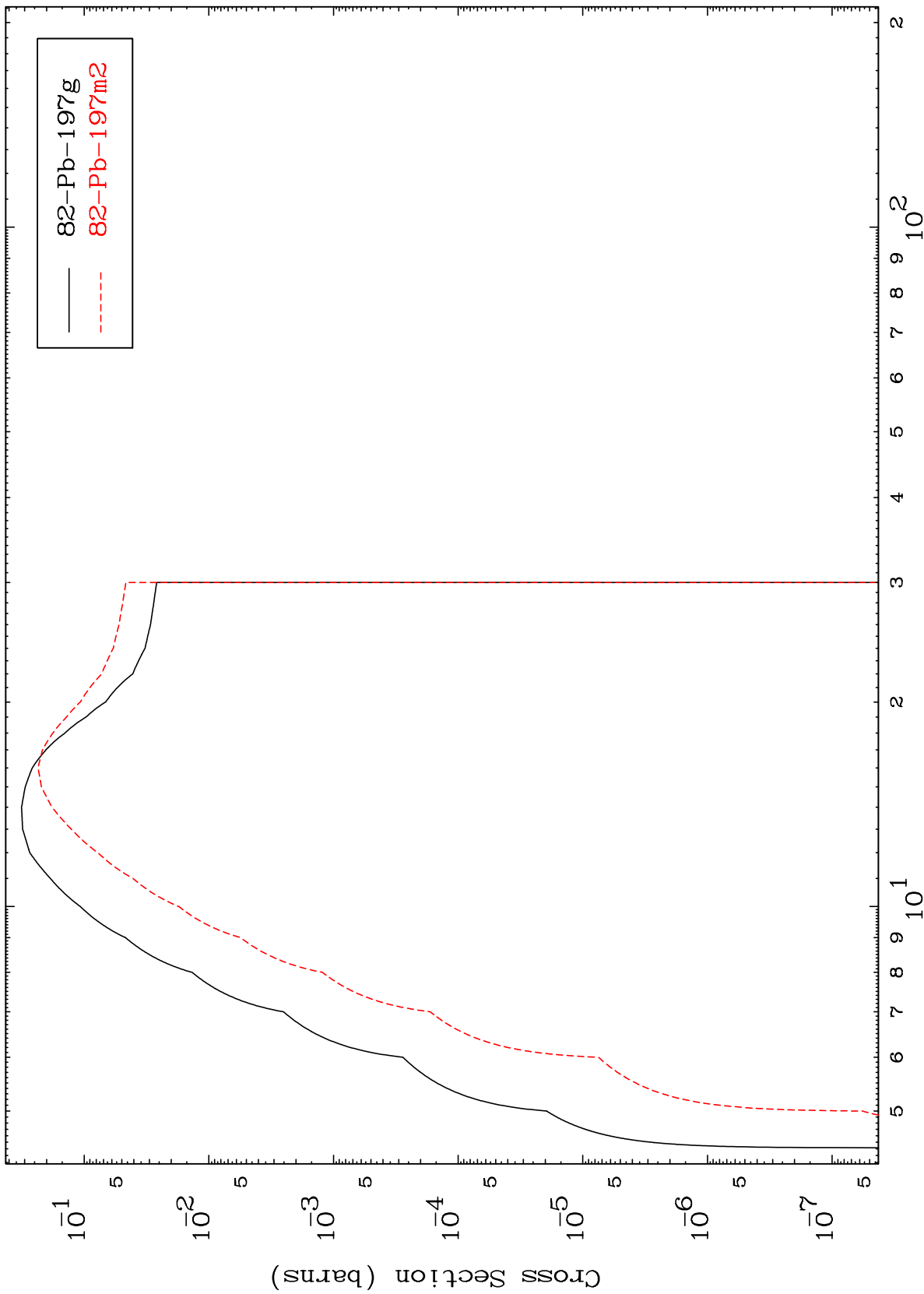
Incident Energy (MeV)

81-Tl-197

MAT 8107

81-Tl-197

Inelastic  
Radionuclide Production Cross Section

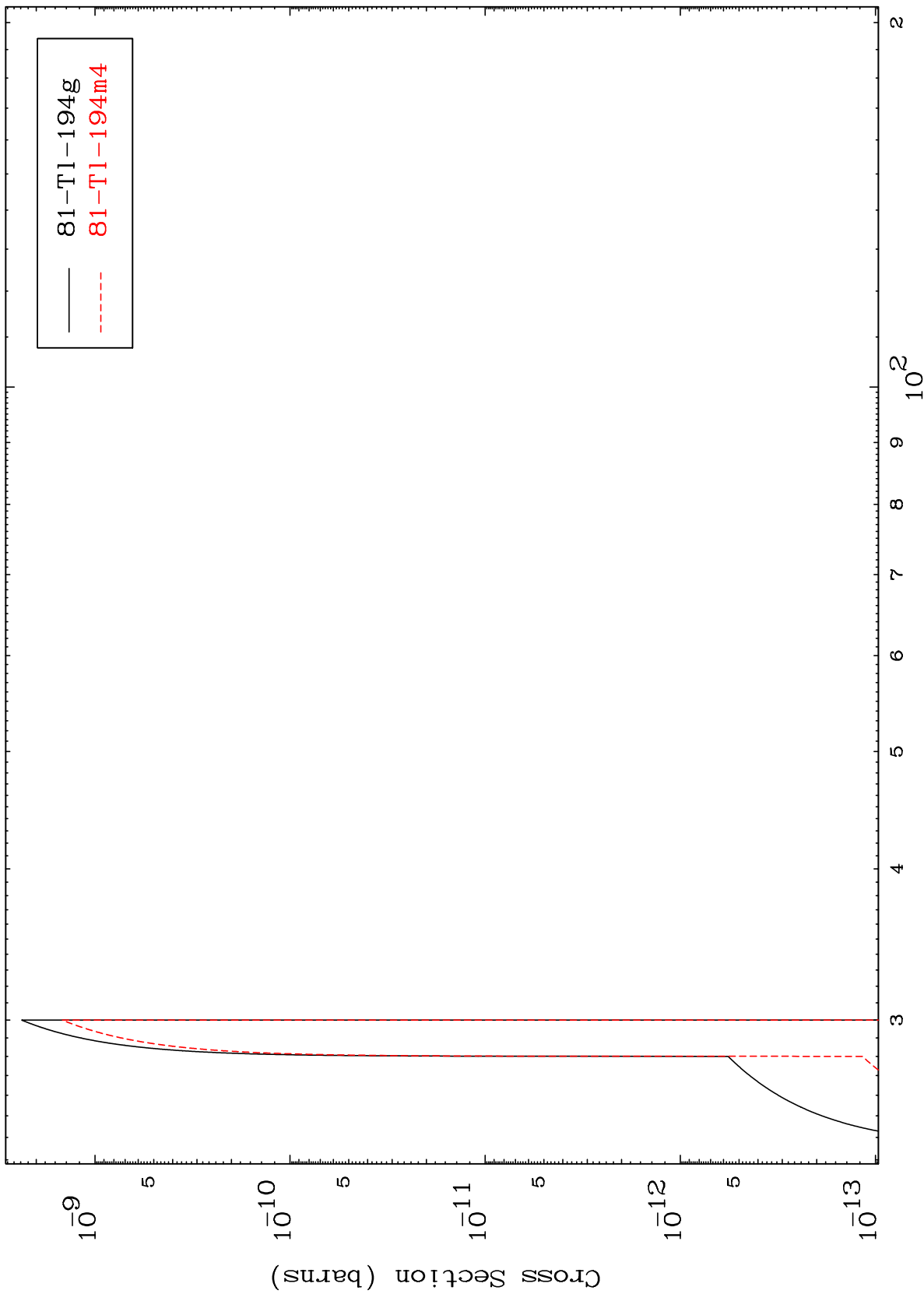


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Incident Energy (MeV)

81-Tl-197

Radionuclide Production Cross Section

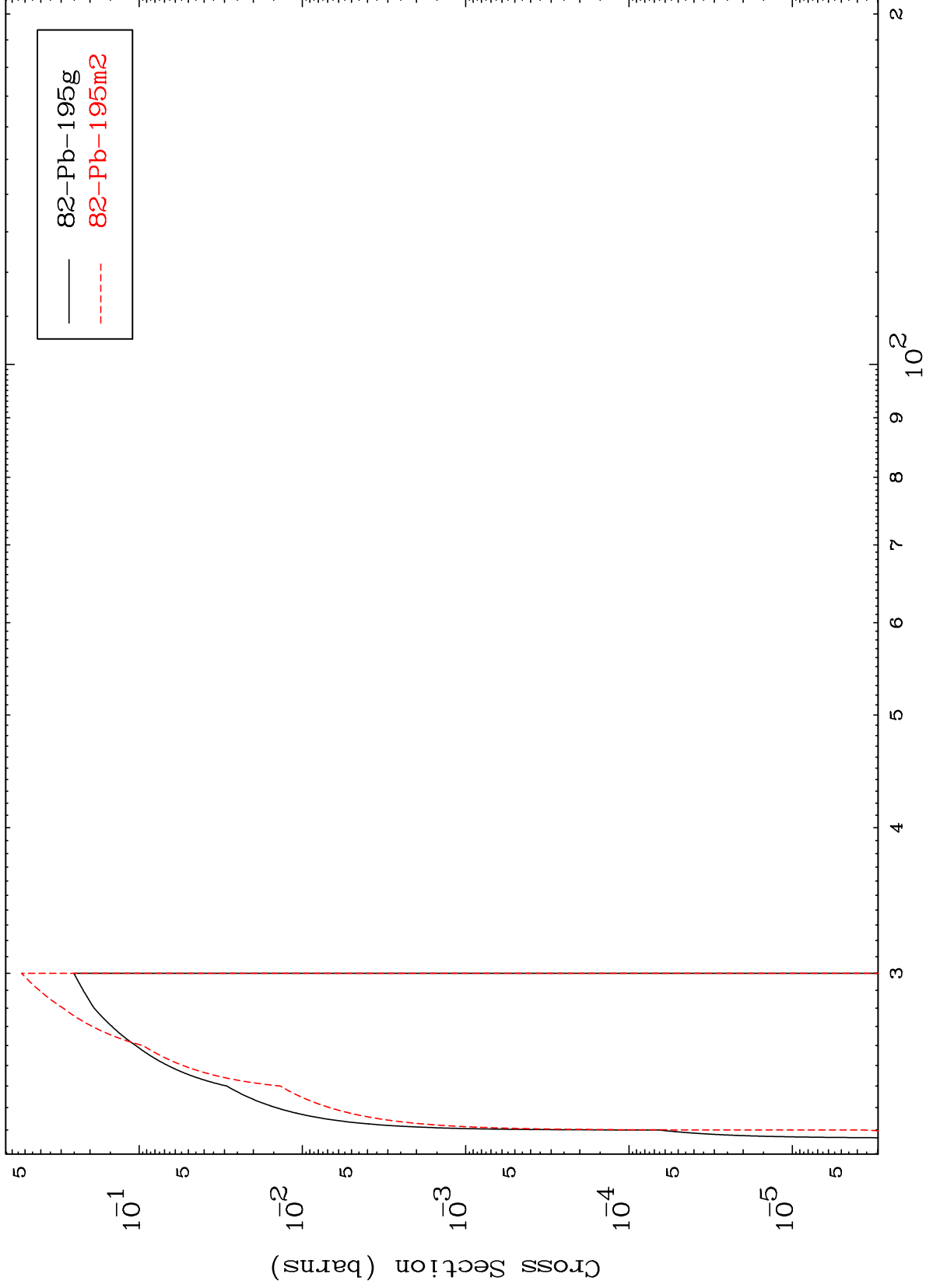


MAT 8107

(n,3n)

81-Tl-197

Radionuclide Production Cross Section



14

Incident Energy (MeV)

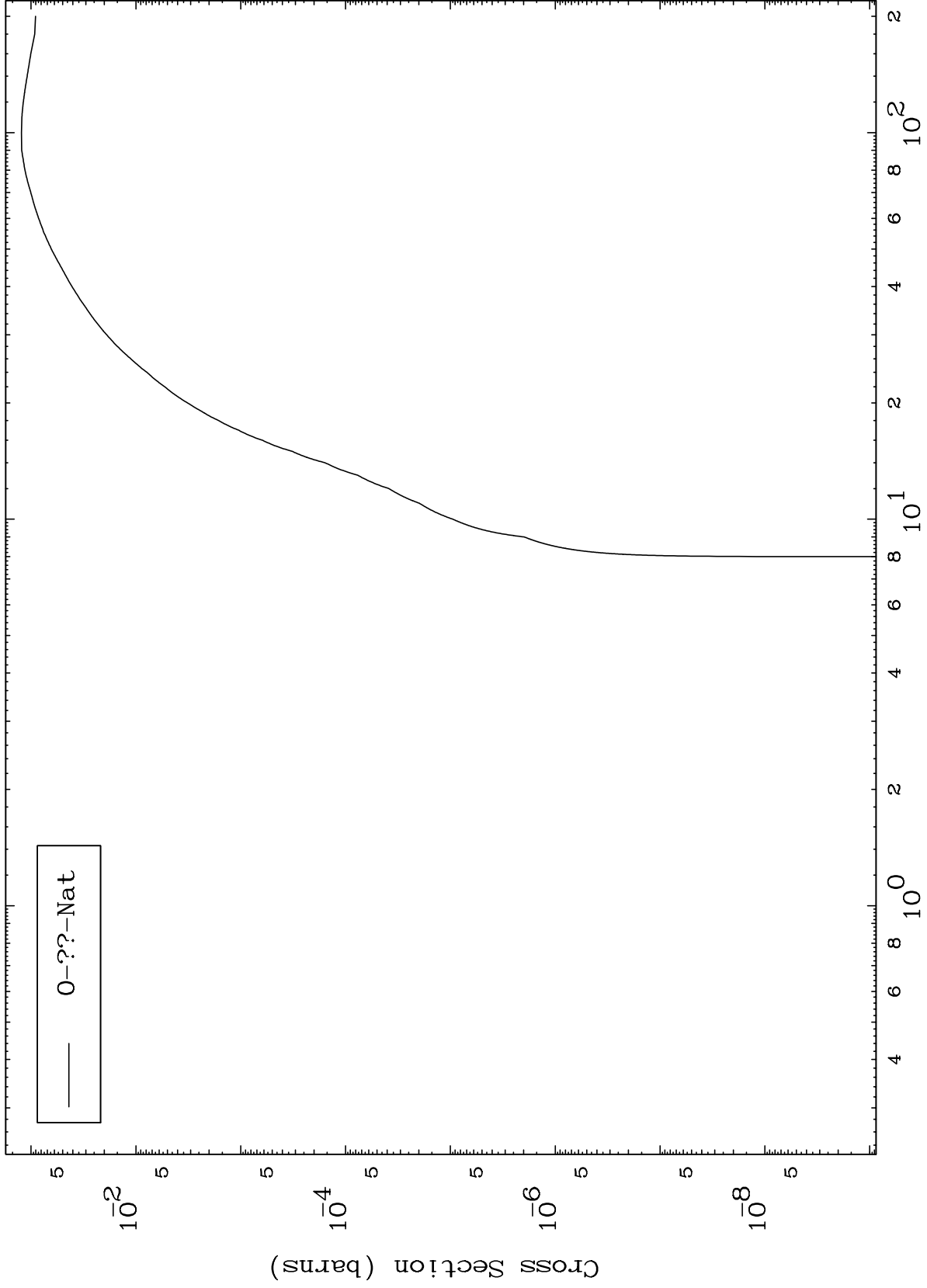
81-Tl-197

MAT 8107

Fission

81-Tl-197

Radionuclide Production Cross Section



15

Incident Energy (MeV)

81-Tl-197

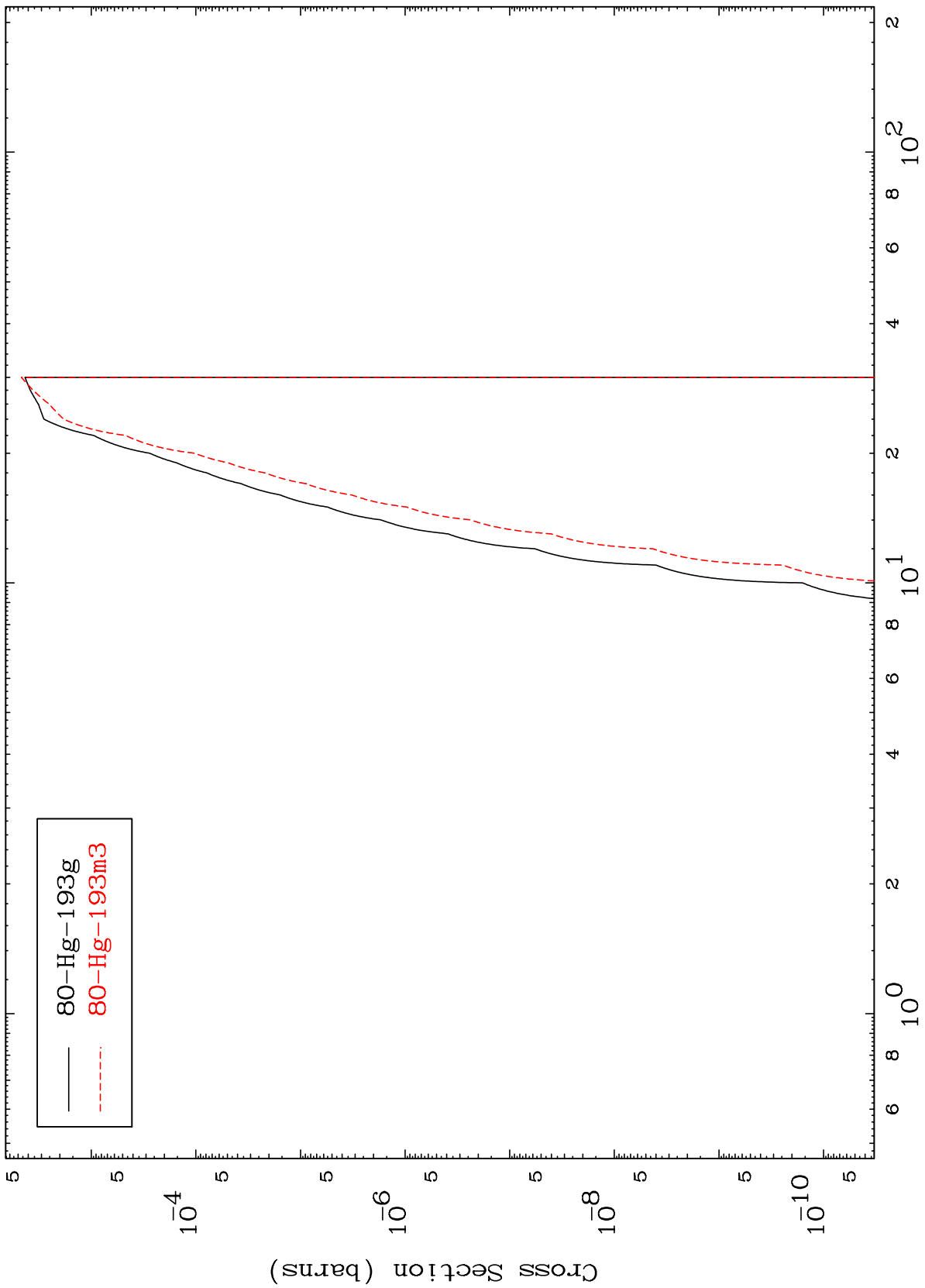


MAT 8107

(n,n')  $\alpha$

81-Tl-197

Radionuclide Production Cross Section



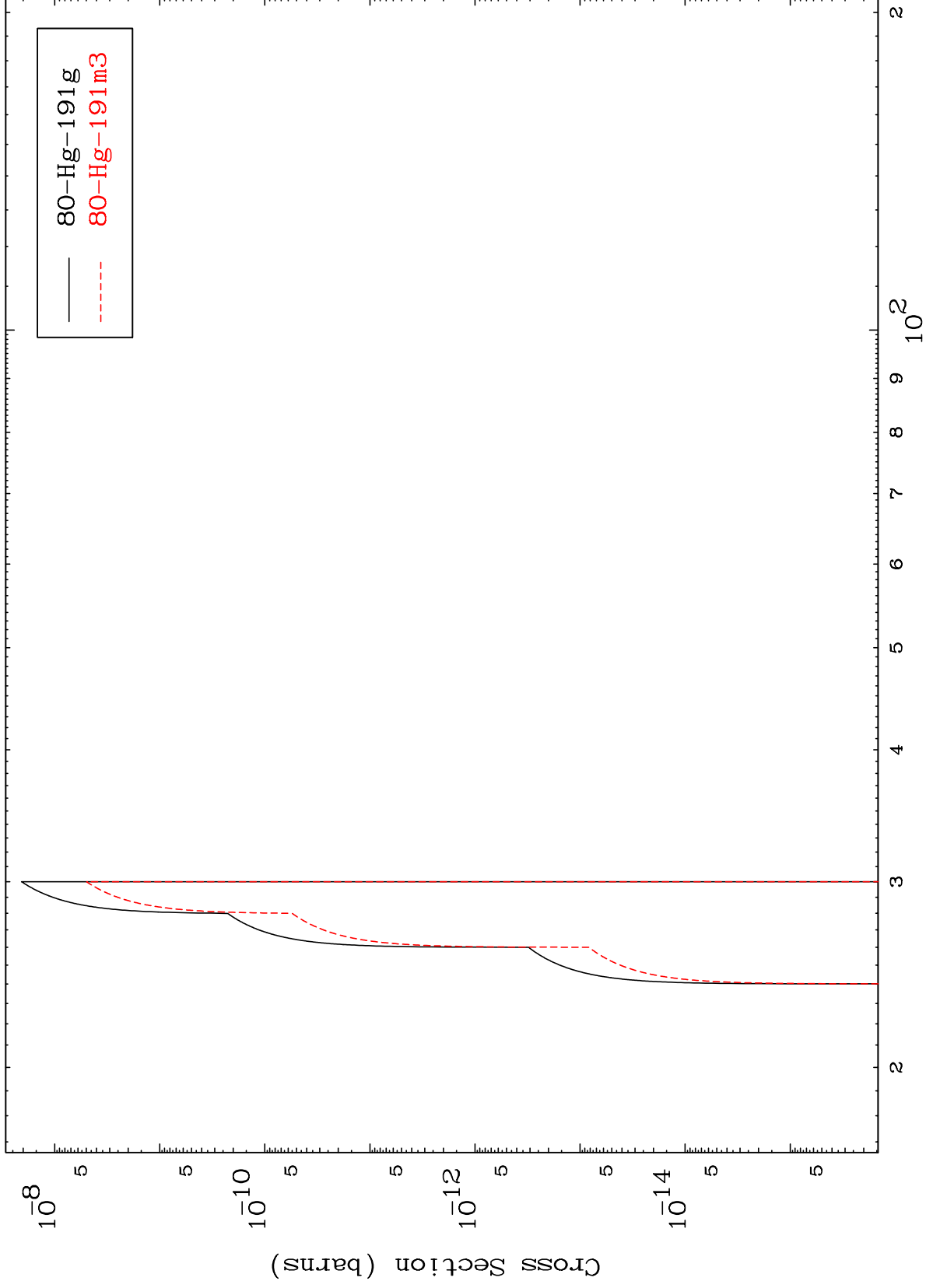
80-Hg-193g  
80-Hg-193m3

16

Incident Energy (MeV)

81-Tl-197

Radionuclide Production Cross Section

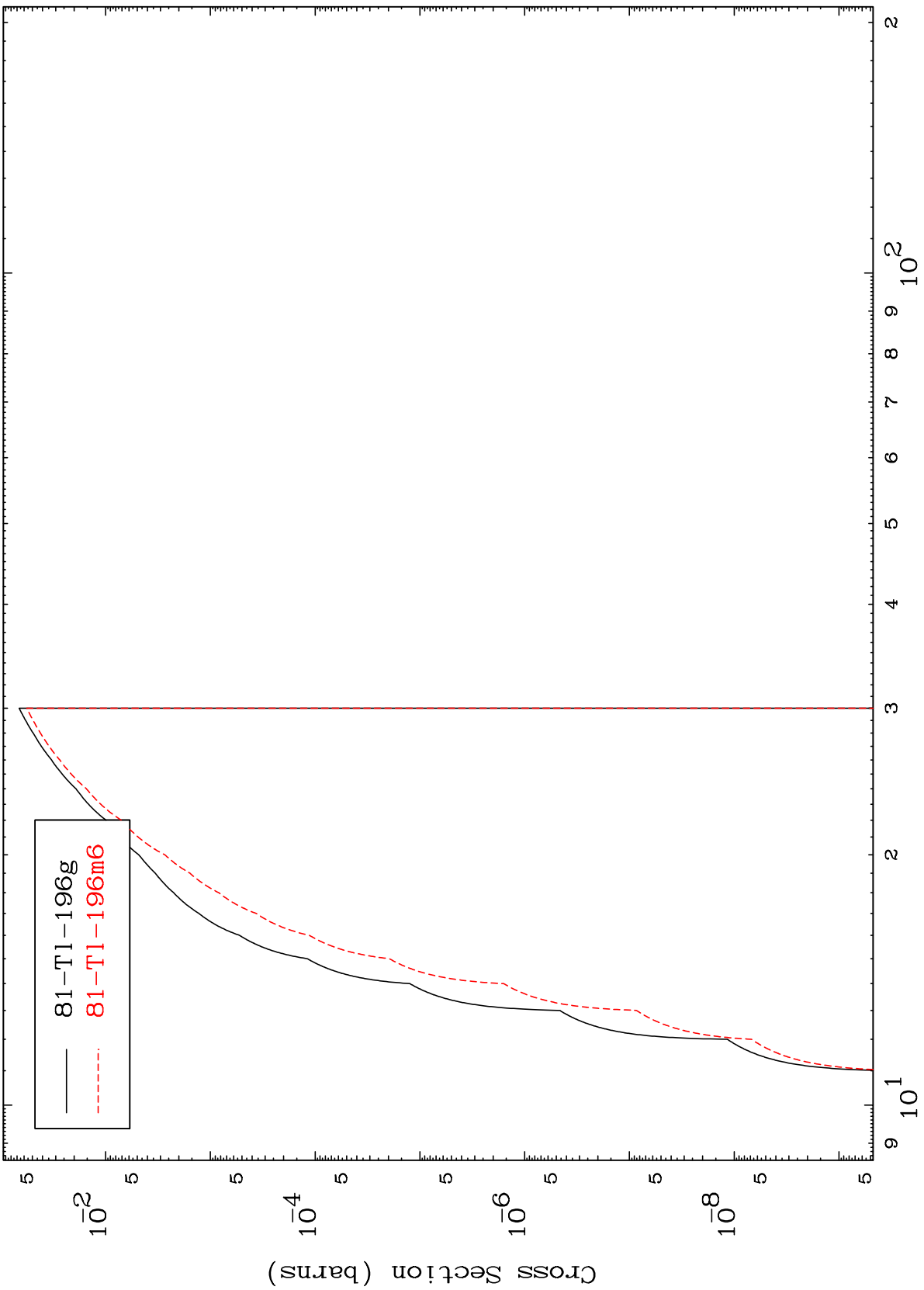


MAT 8107

(n,n') p

81-Tl-197

Radionuclide Production Cross Section



Incident Energy (MeV)

81-Tl-197

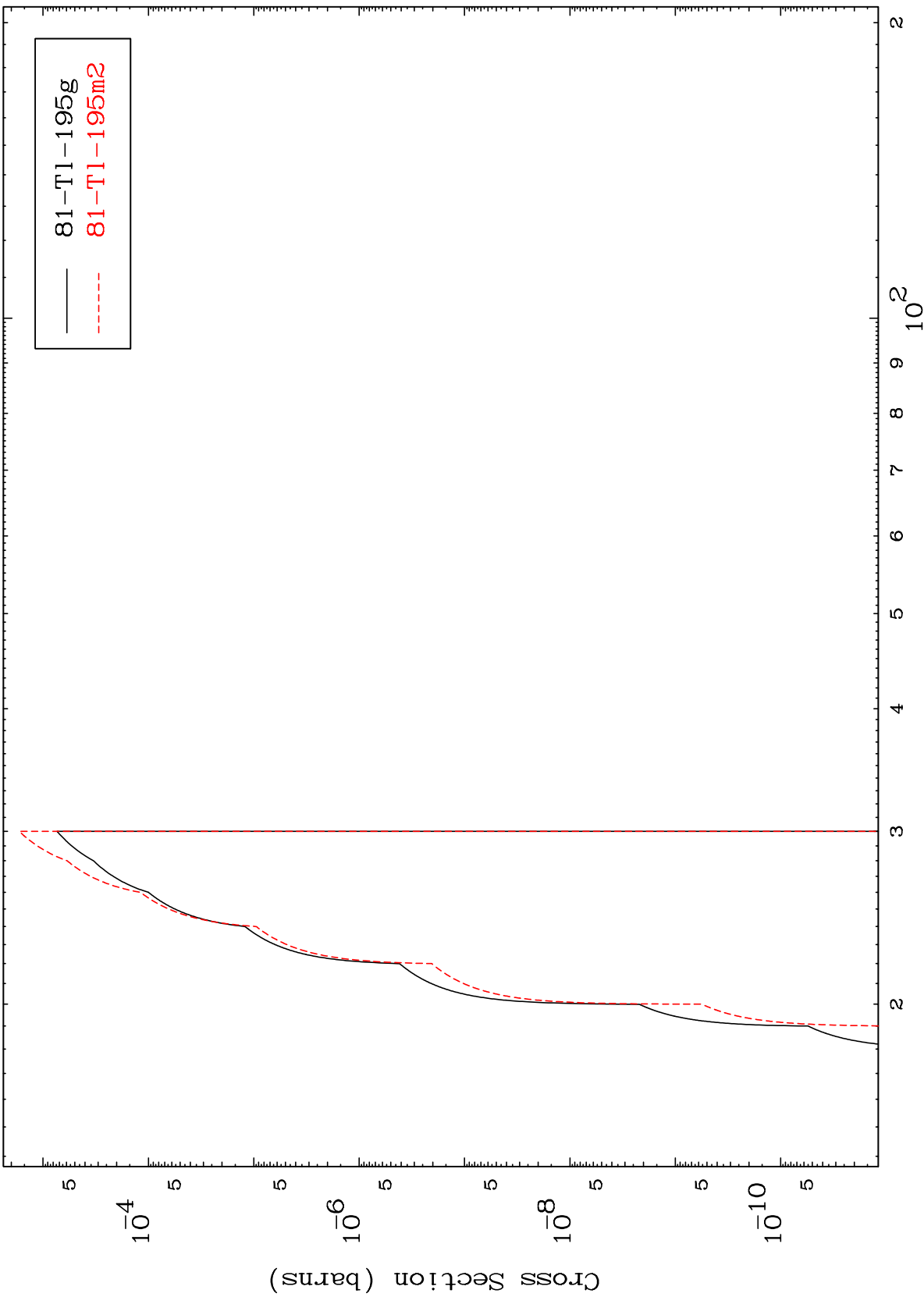
18

MAT 8107

(n,n') d

81-Tl-197

Radionuclide Production Cross Section



19

Incident Energy (MeV)

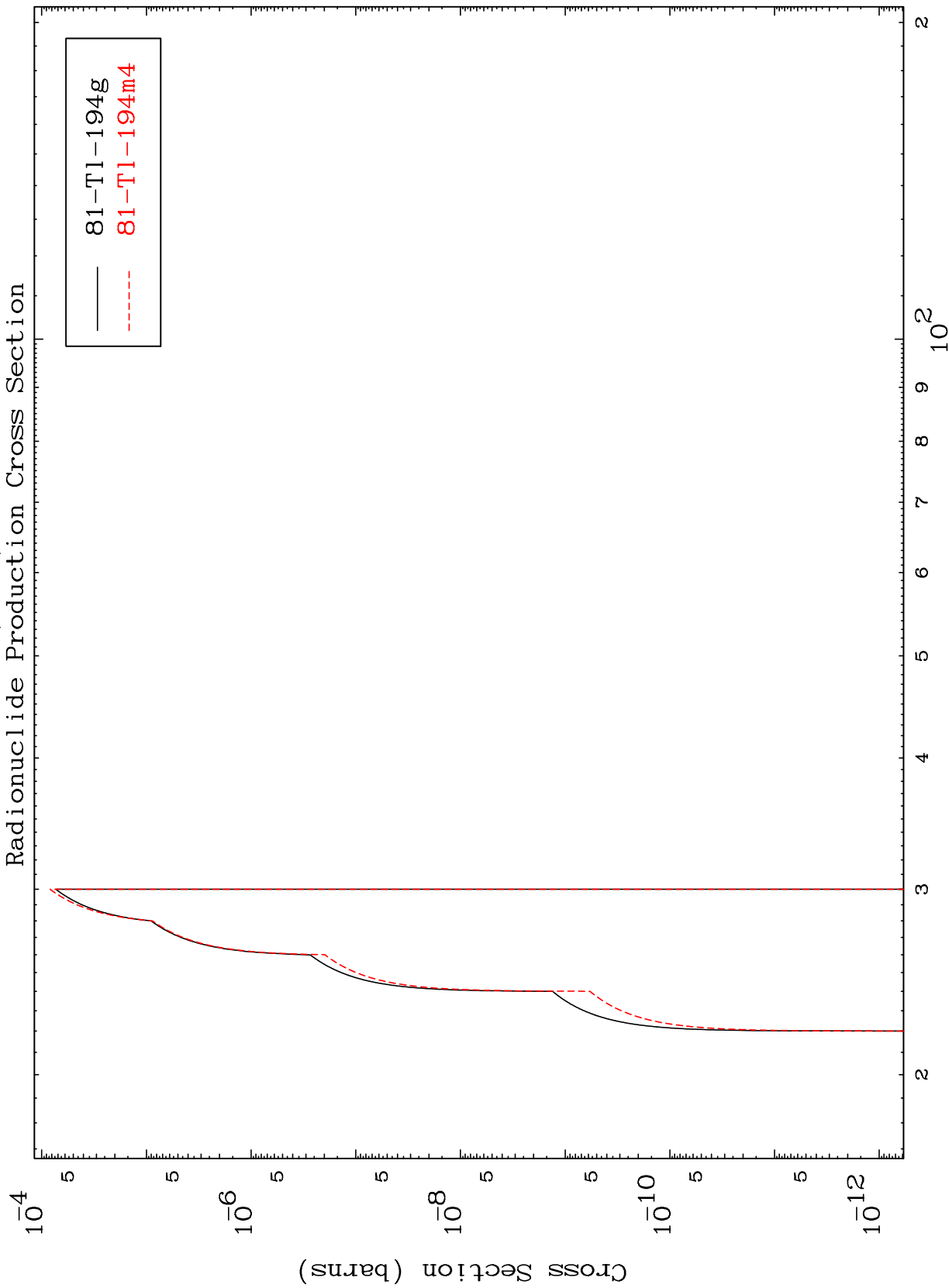
81-Tl-197

MAT 8107

(n,n') t

81-Tl-197

Radionuclide Production Cross Section



20

Incident Energy (MeV)

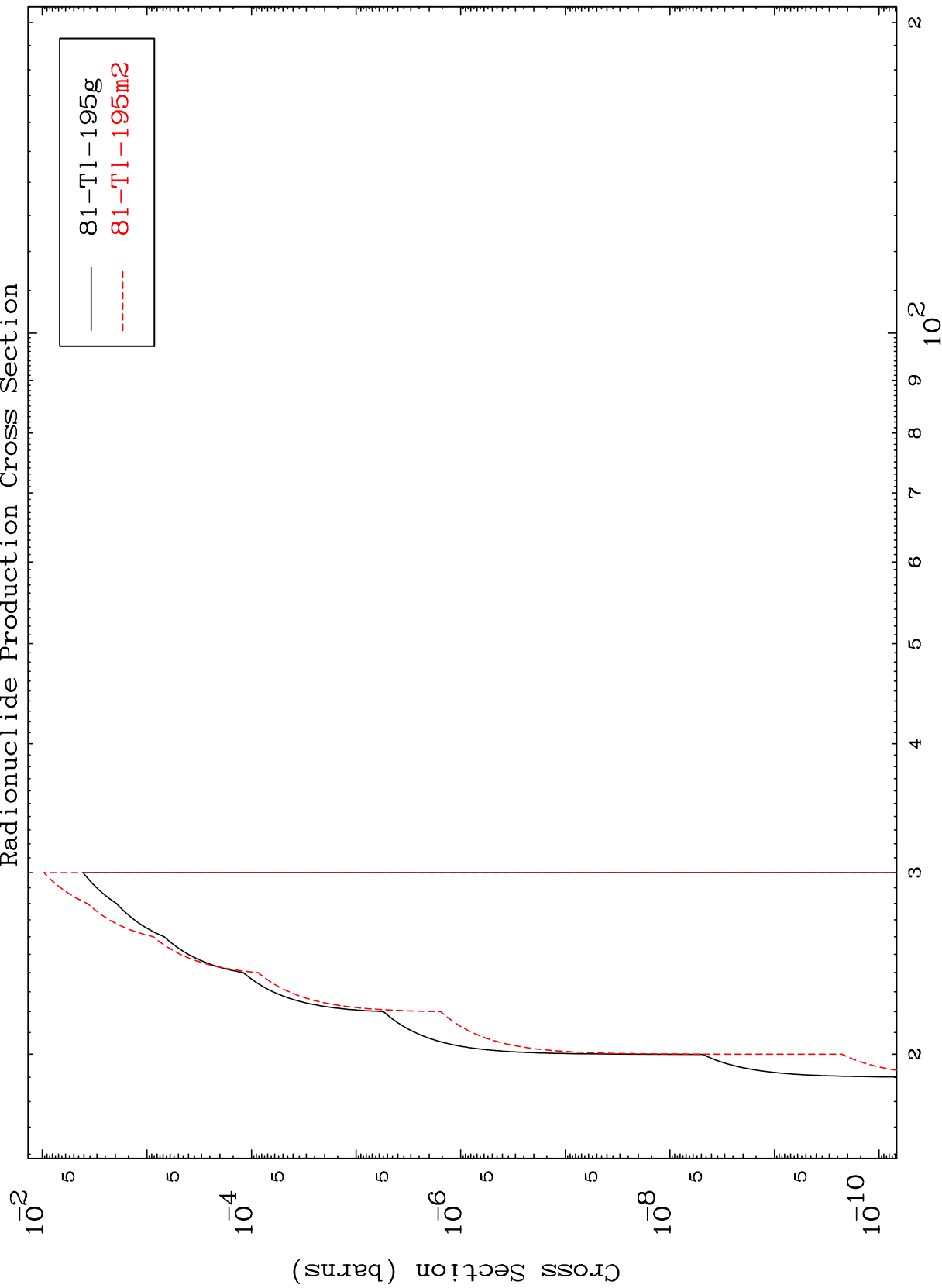
81-Tl-197

MAT 8107

(n,2n) p

81-Tl-197

Radionuclide Production Cross Section



81-Tl-195g  
81-Tl-195m2

21

Incident Energy (MeV)

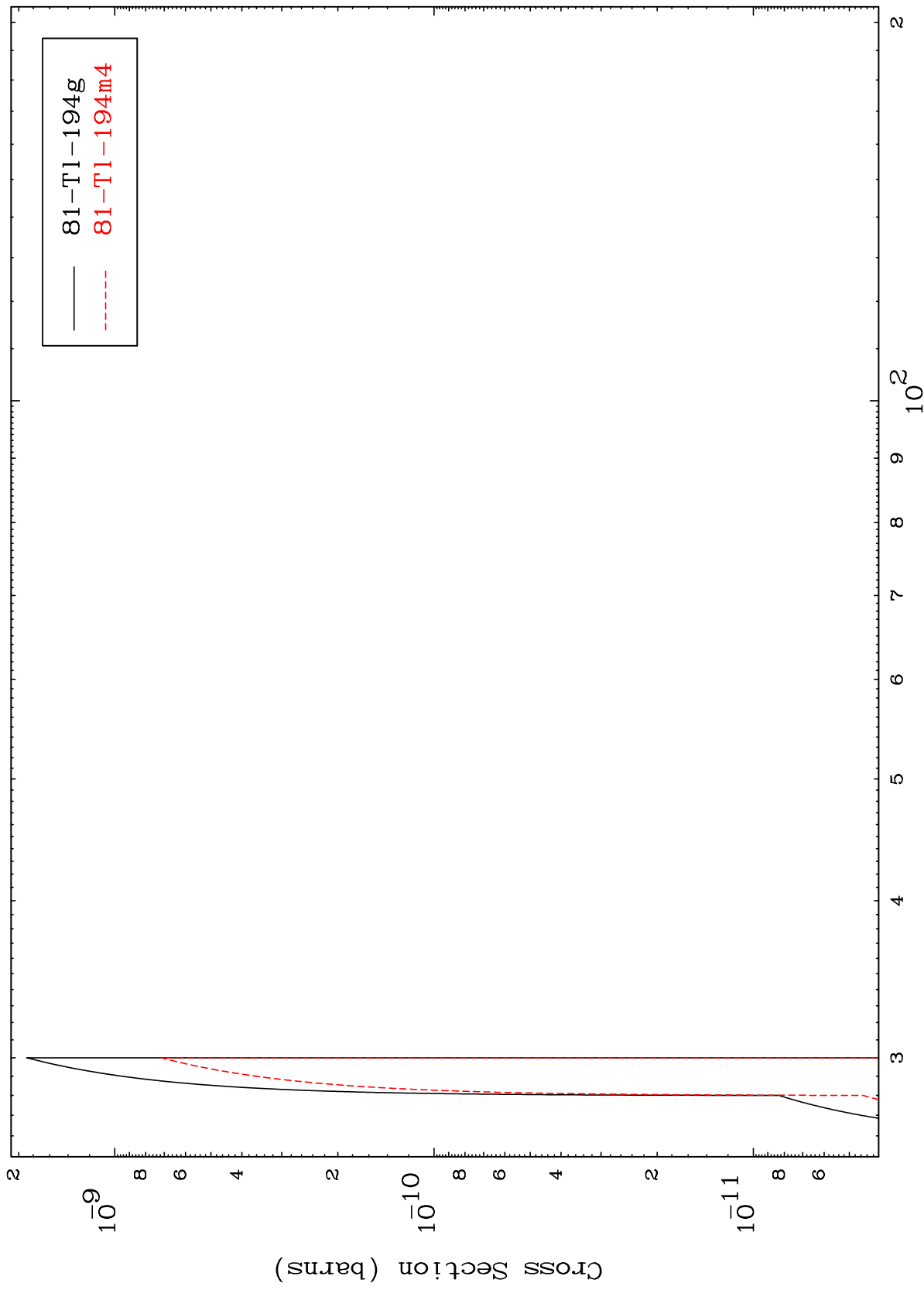
81-Tl-197

MAT 8107

(n,3n) p

81-Tl-197

Radionuclide Production Cross Section



22

Incident Energy (MeV)

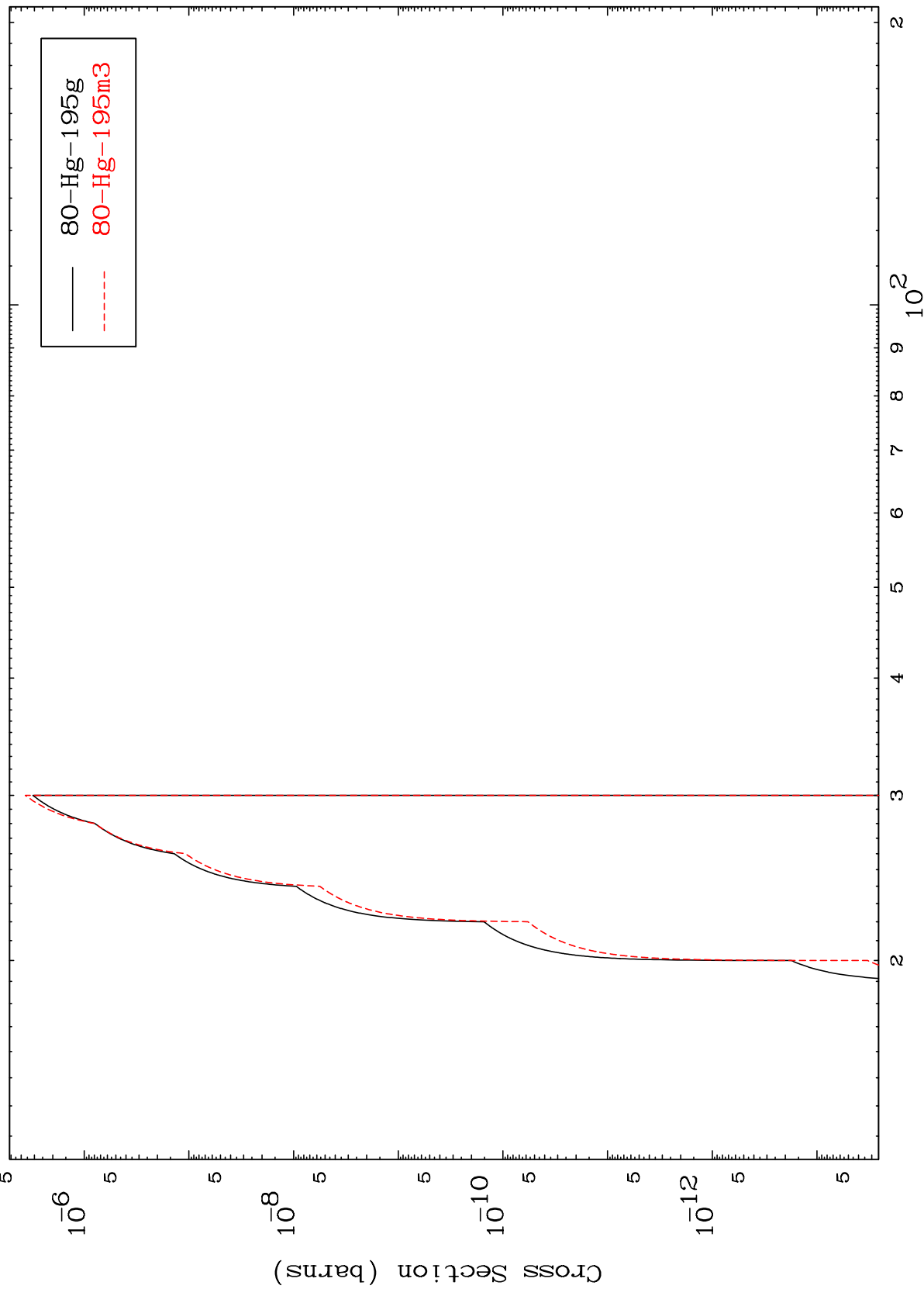
81-Tl-197

MAT 8107

(n,2n) p

81-Tl-197

Radionuclide Production Cross Section



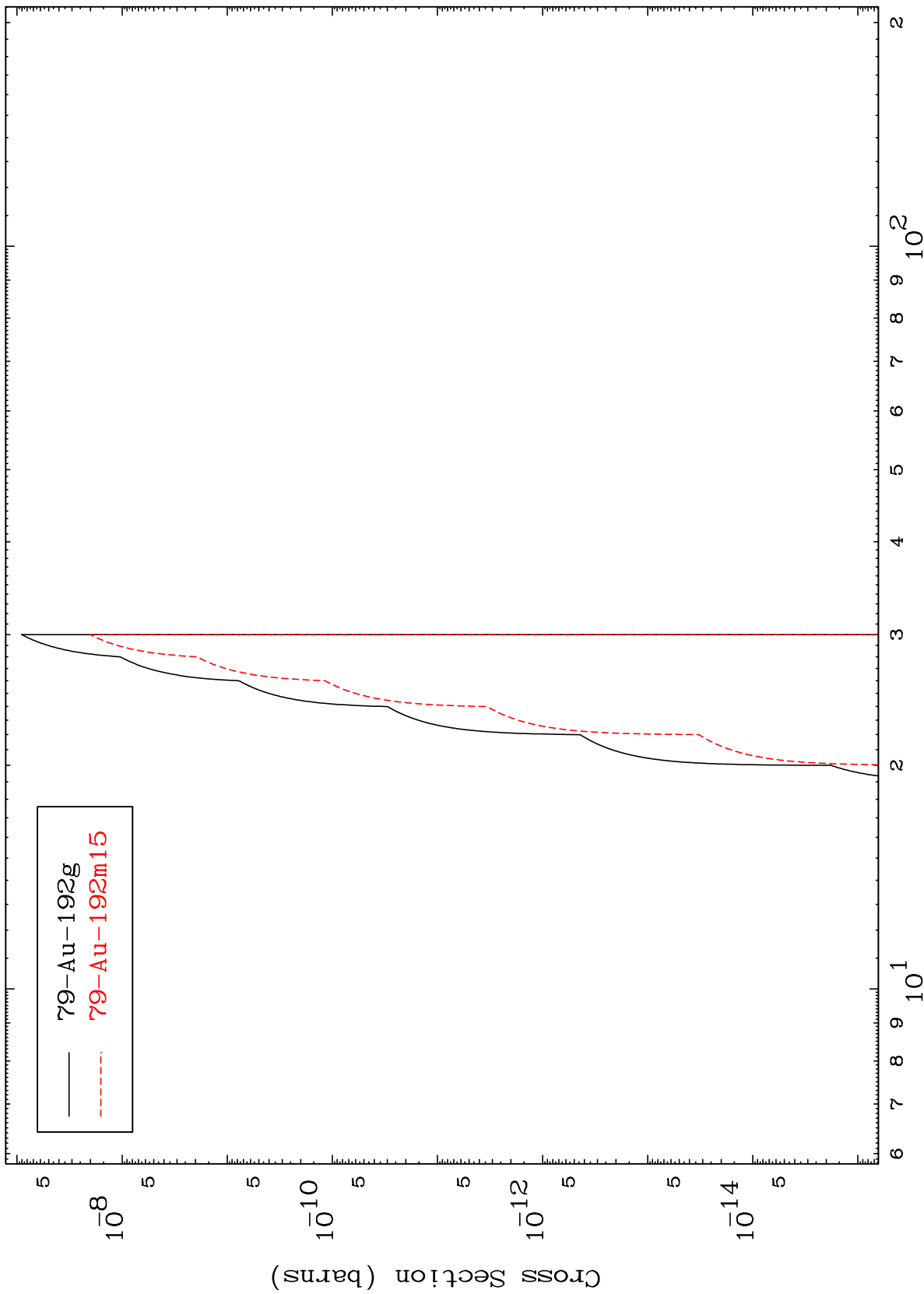


MAT 8107

(n,n') p  $\alpha$

81-Tl-197

Radionuclide Production Cross Section



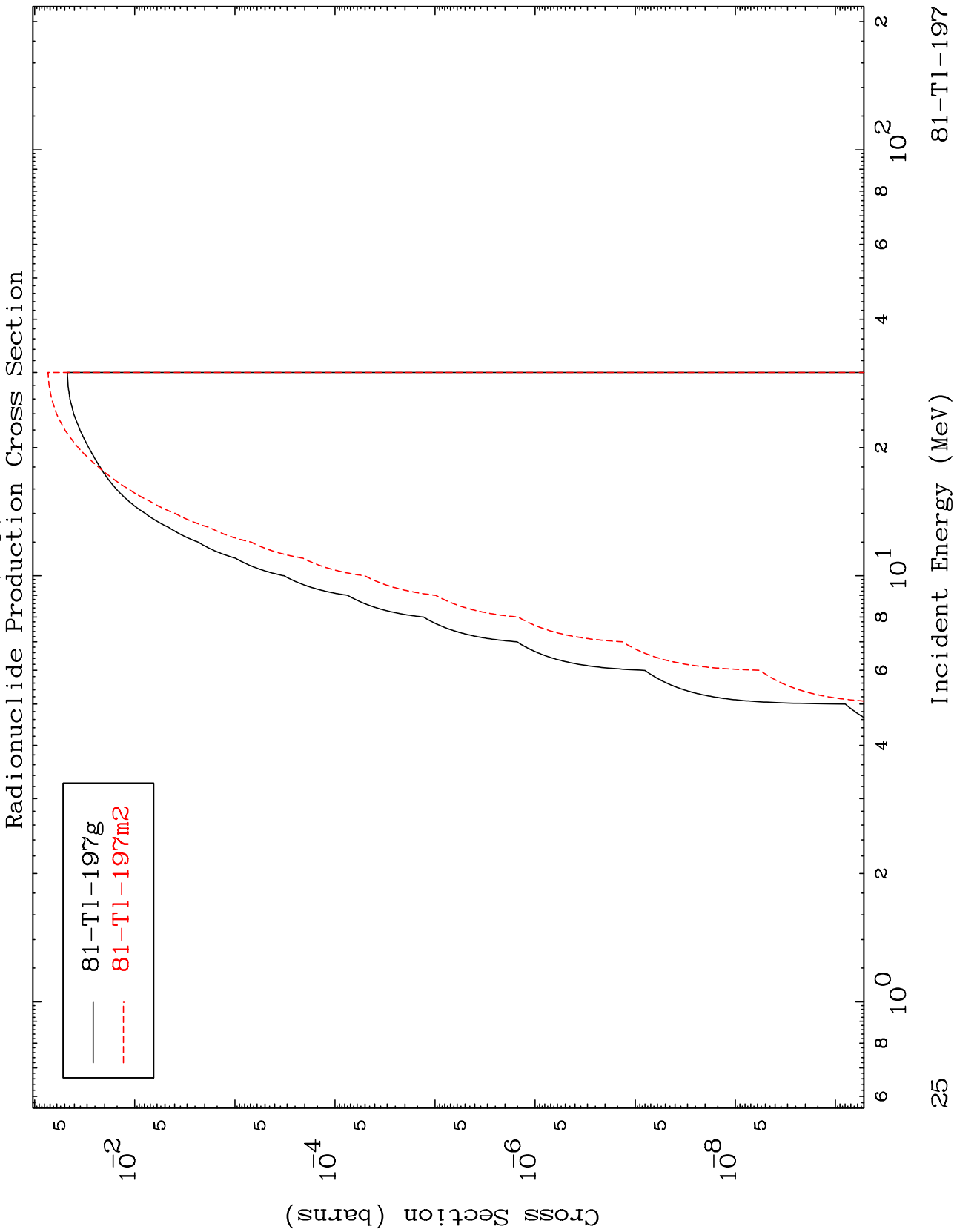
24

Incident Energy (MeV)

81-Tl-197

MAT 8107

81-Tl-197

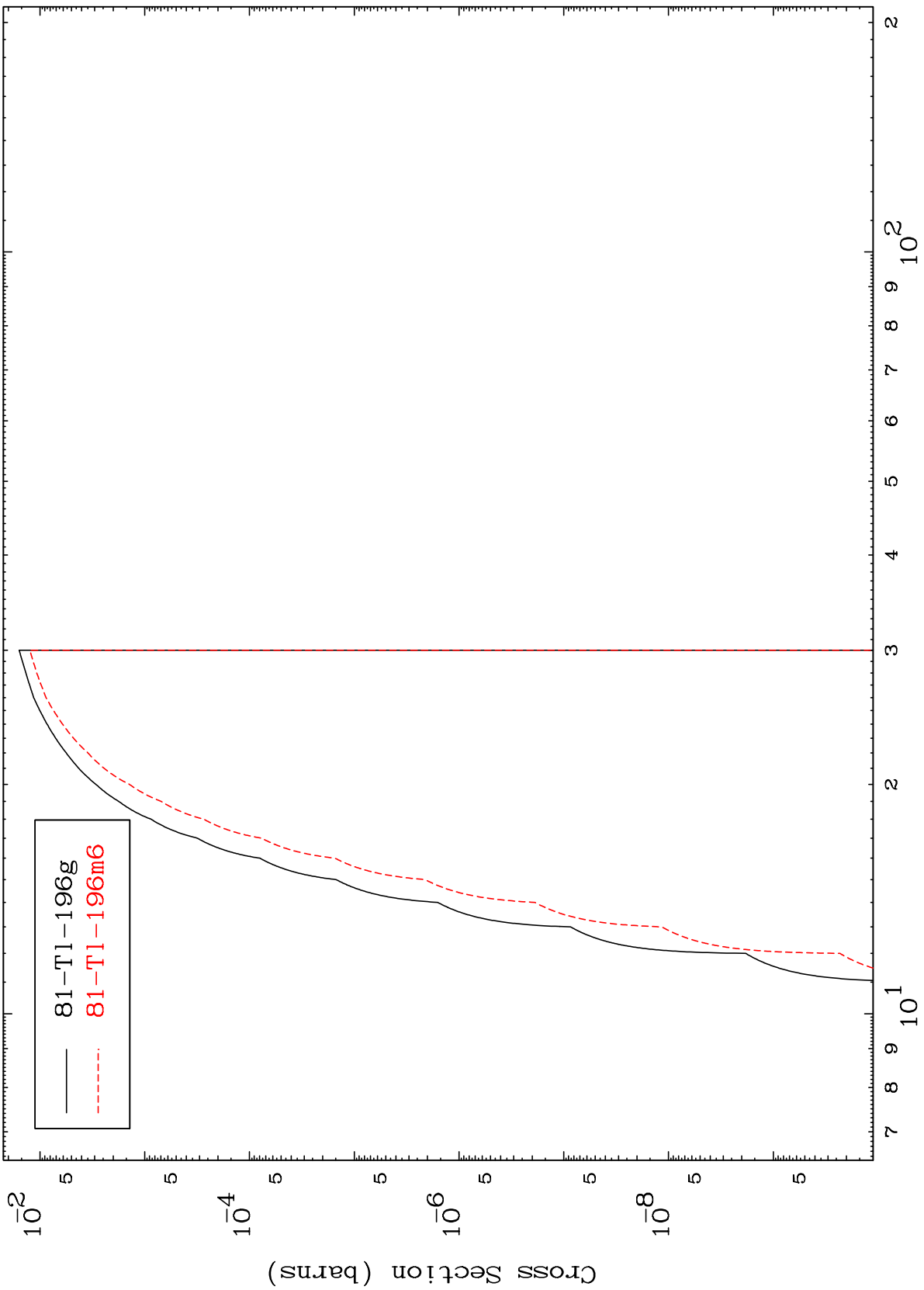


25

MAT 8107

81-Tl-197

(n,d)  
Radionuclide Production Cross Section



26

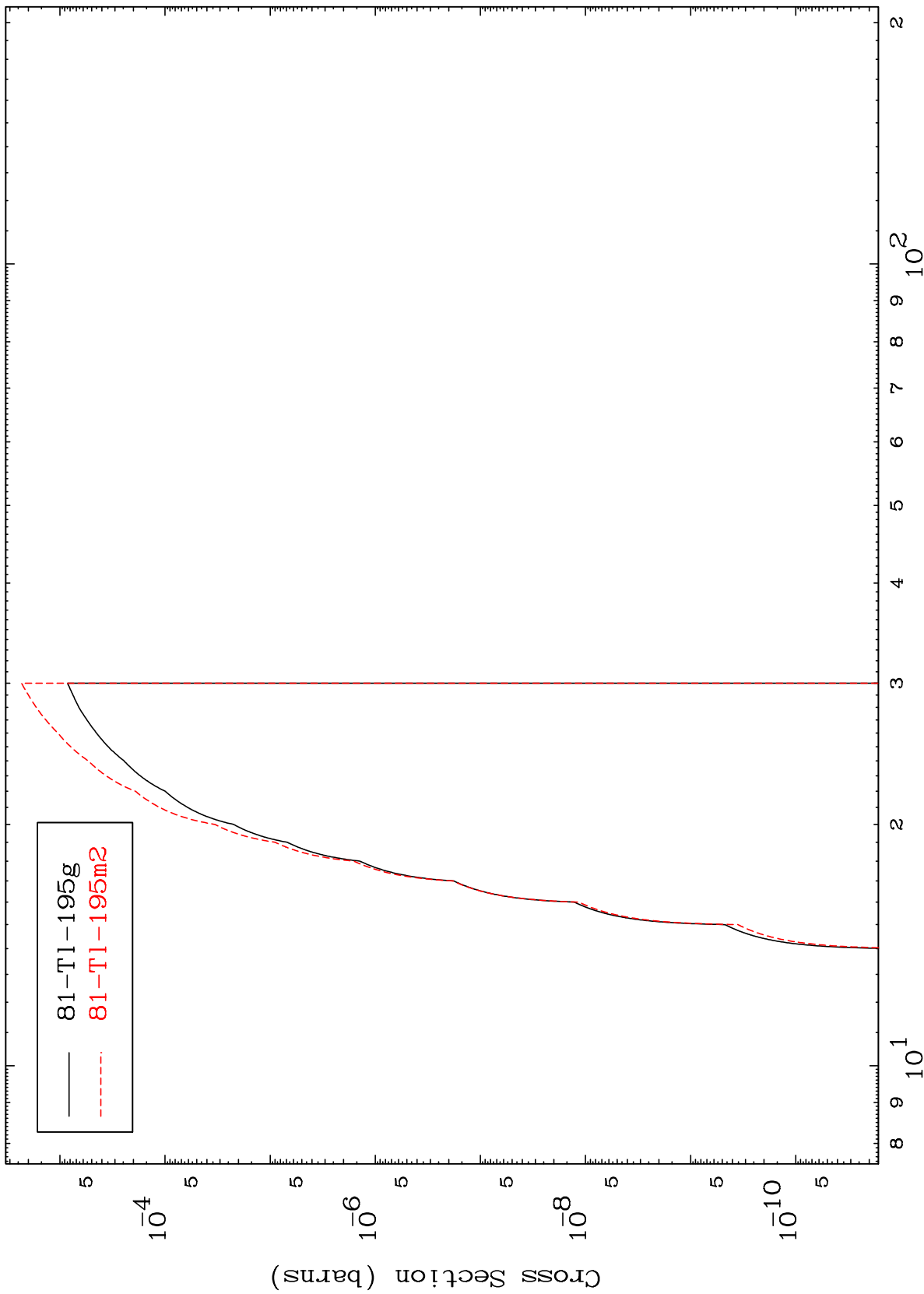
Incident Energy (MeV)

81-Tl-197

MAT 8107

81-Tl-197

Radionuclide Production Cross Section

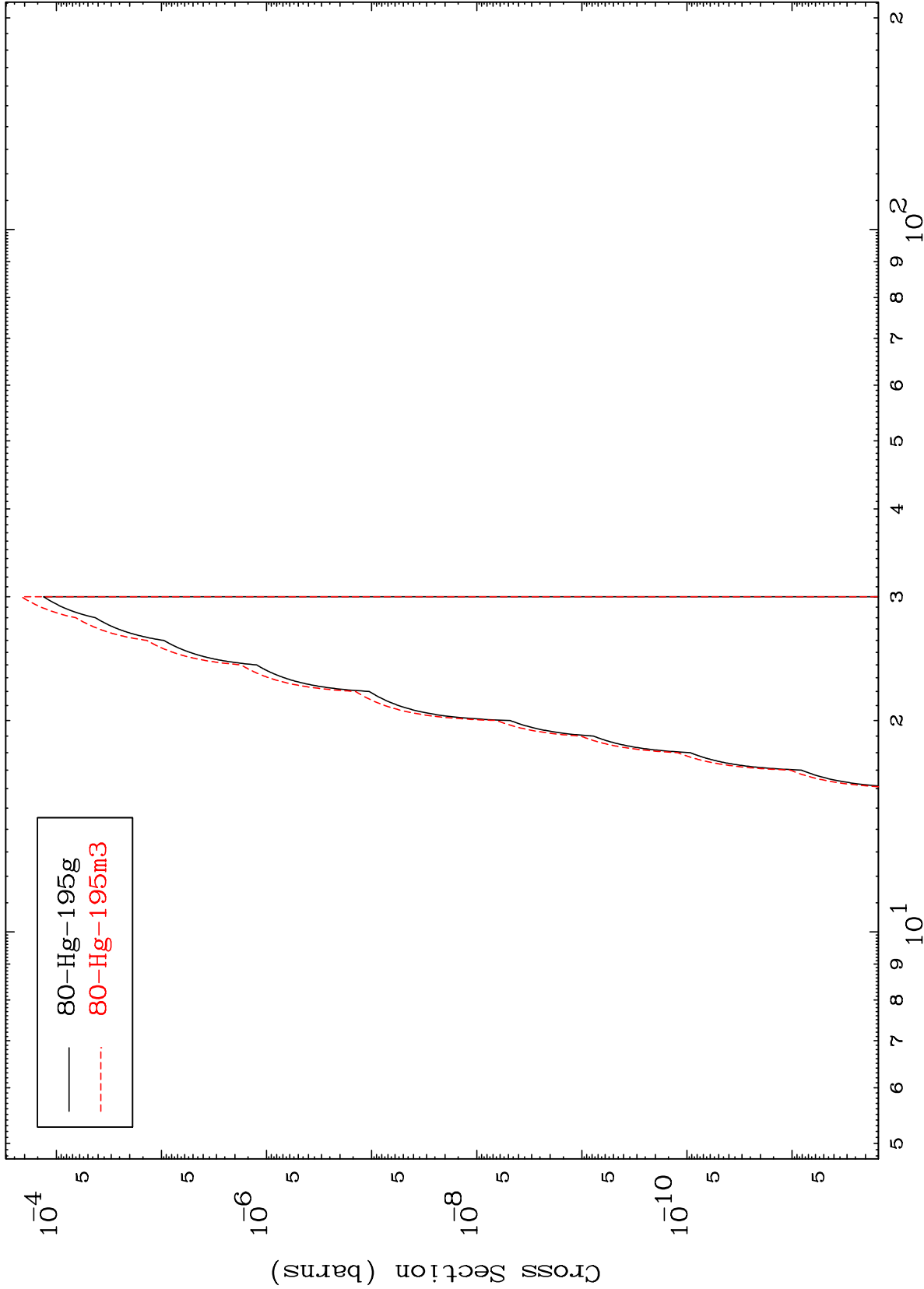


27

81-Tl-197

Incident Energy (MeV)

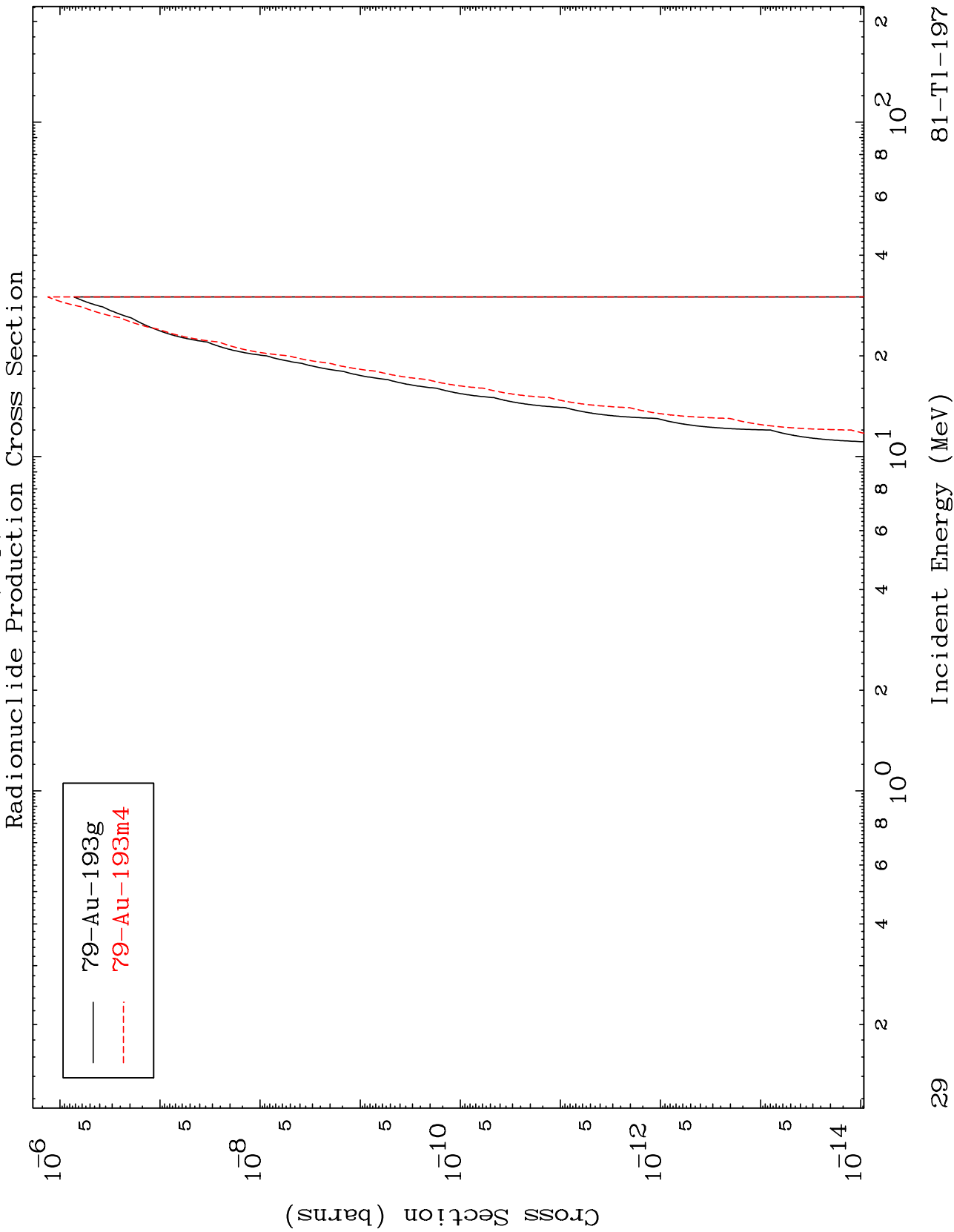
Radionuclide Production Cross Section



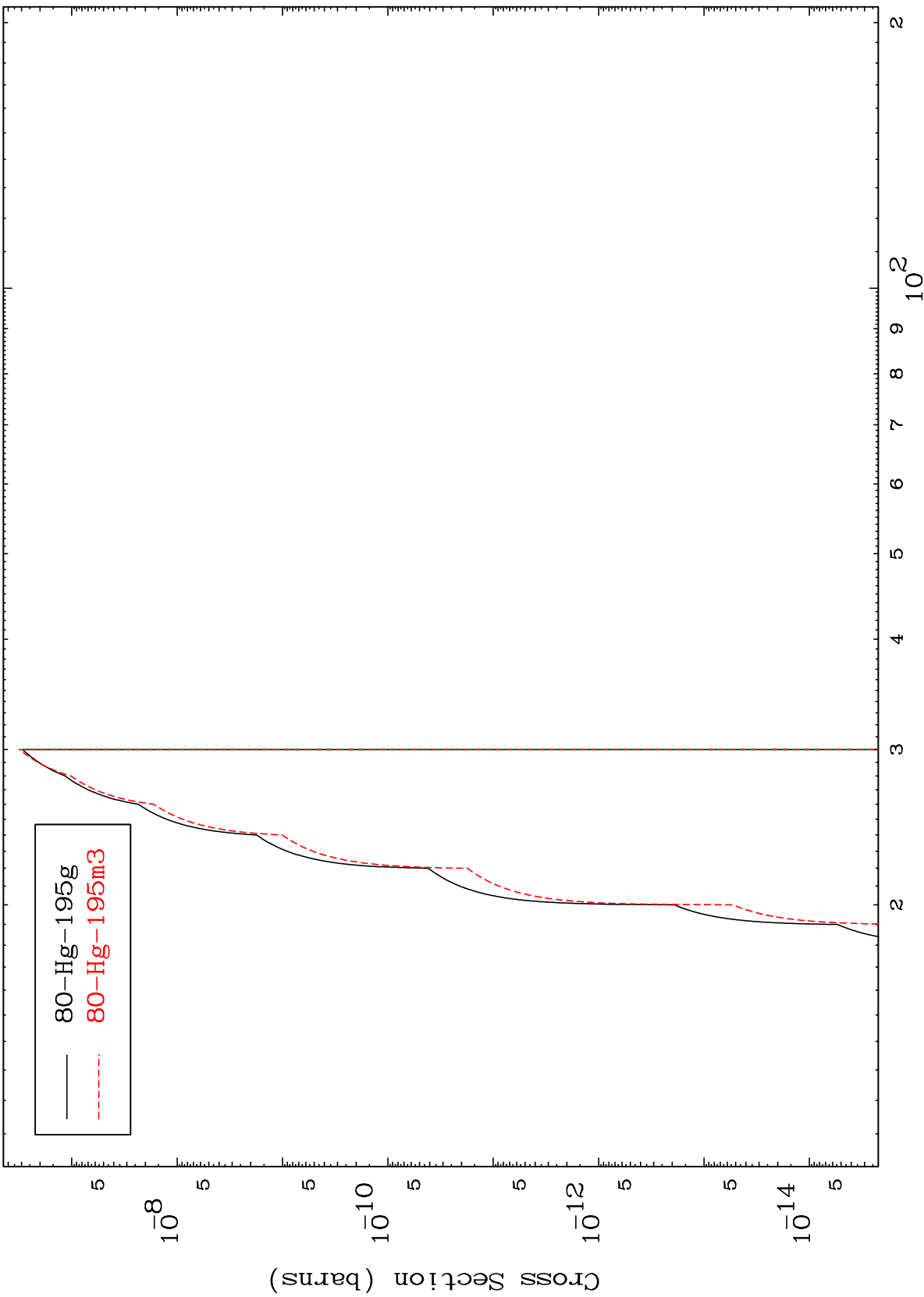
MAT 8107

(n,p)  $\alpha$

81-Tl-197



Radionuclide Production Cross Section

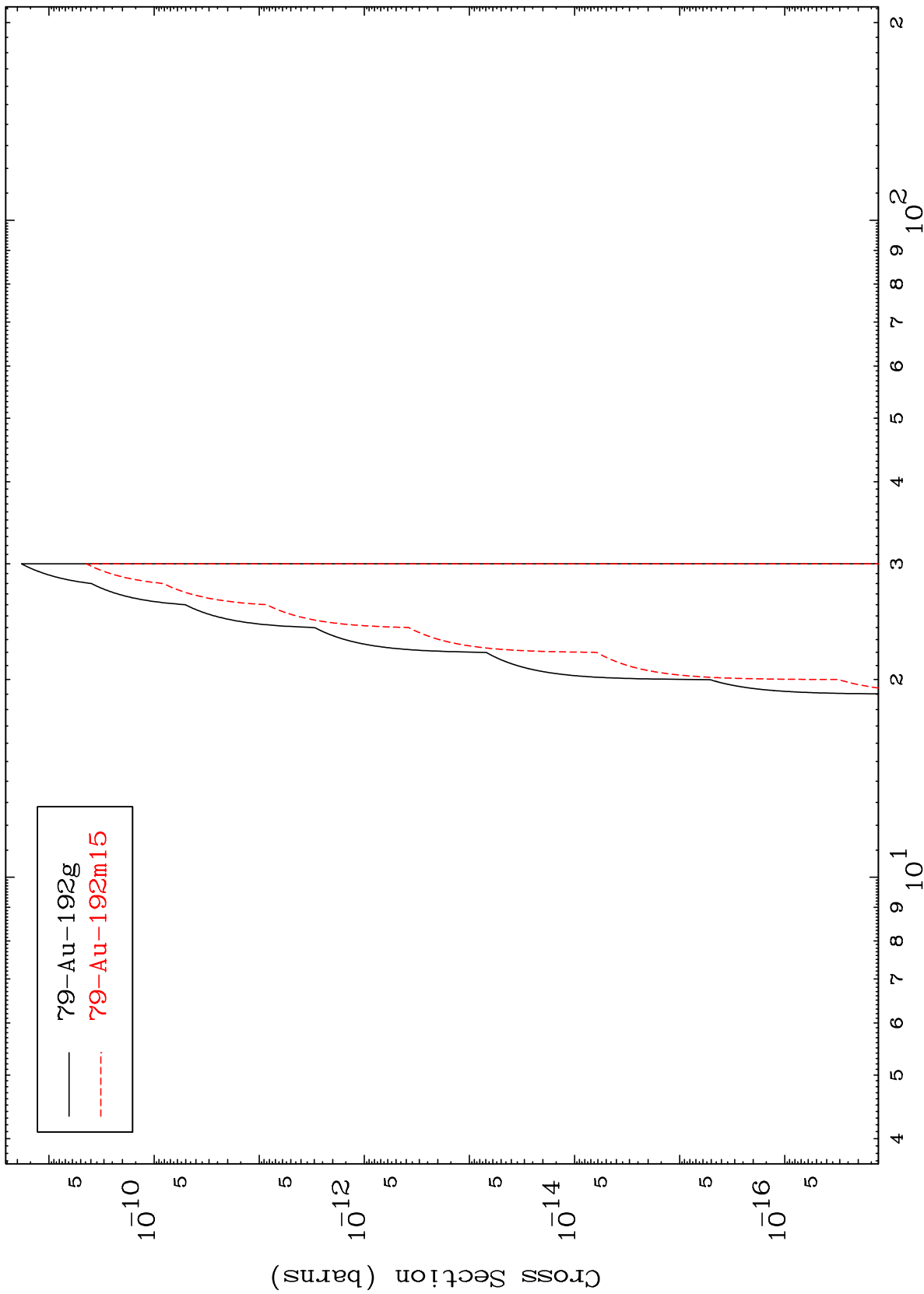


MAT 8107

(n,d)  $\alpha$

81-Tl-197

Radionuclide Production Cross Section



31

Incident Energy (MeV)

81-Tl-197