

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

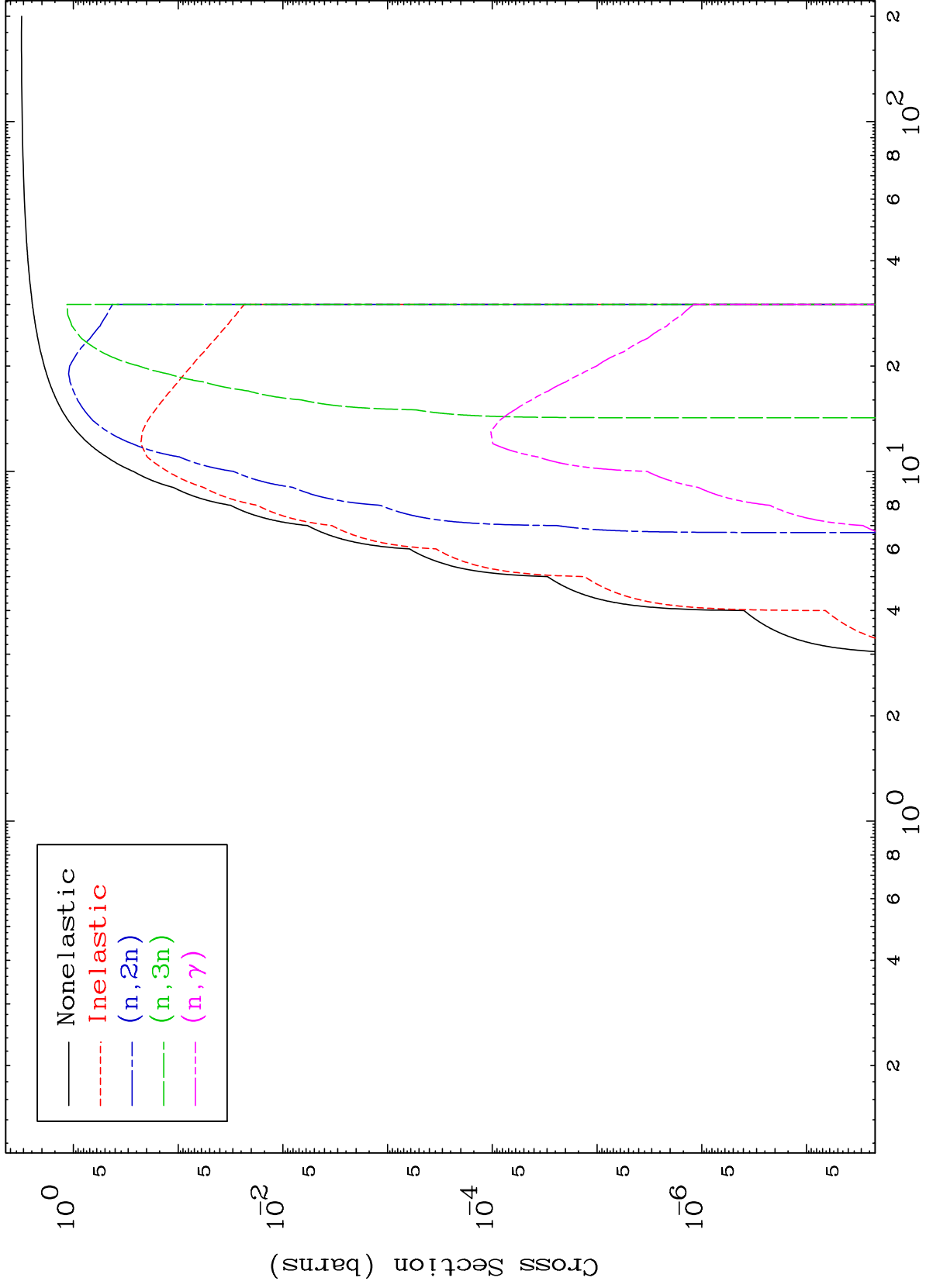
Web:redcullen1.net/HOMEPAGE.NEW

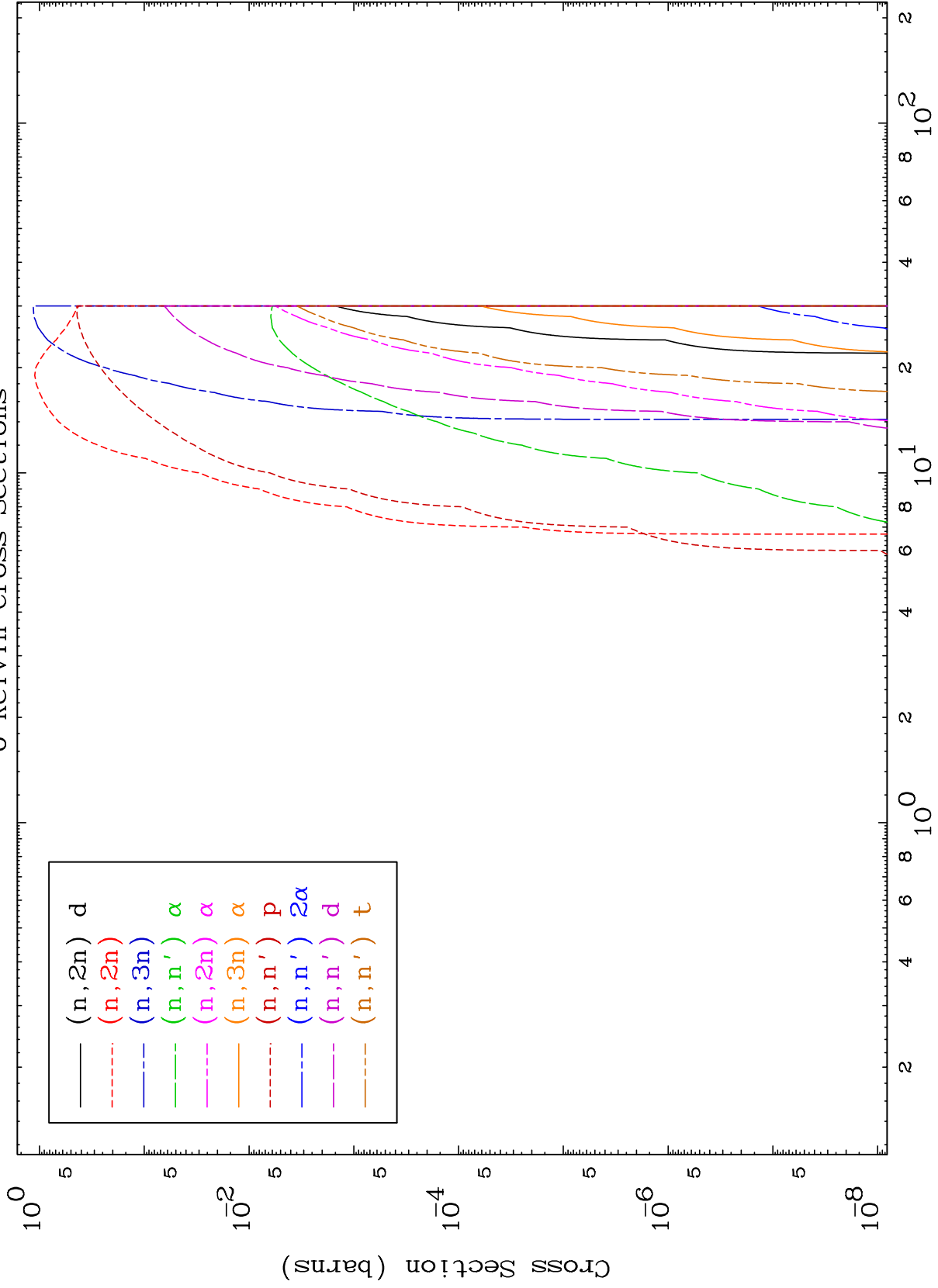
Press Mouse Button to Start

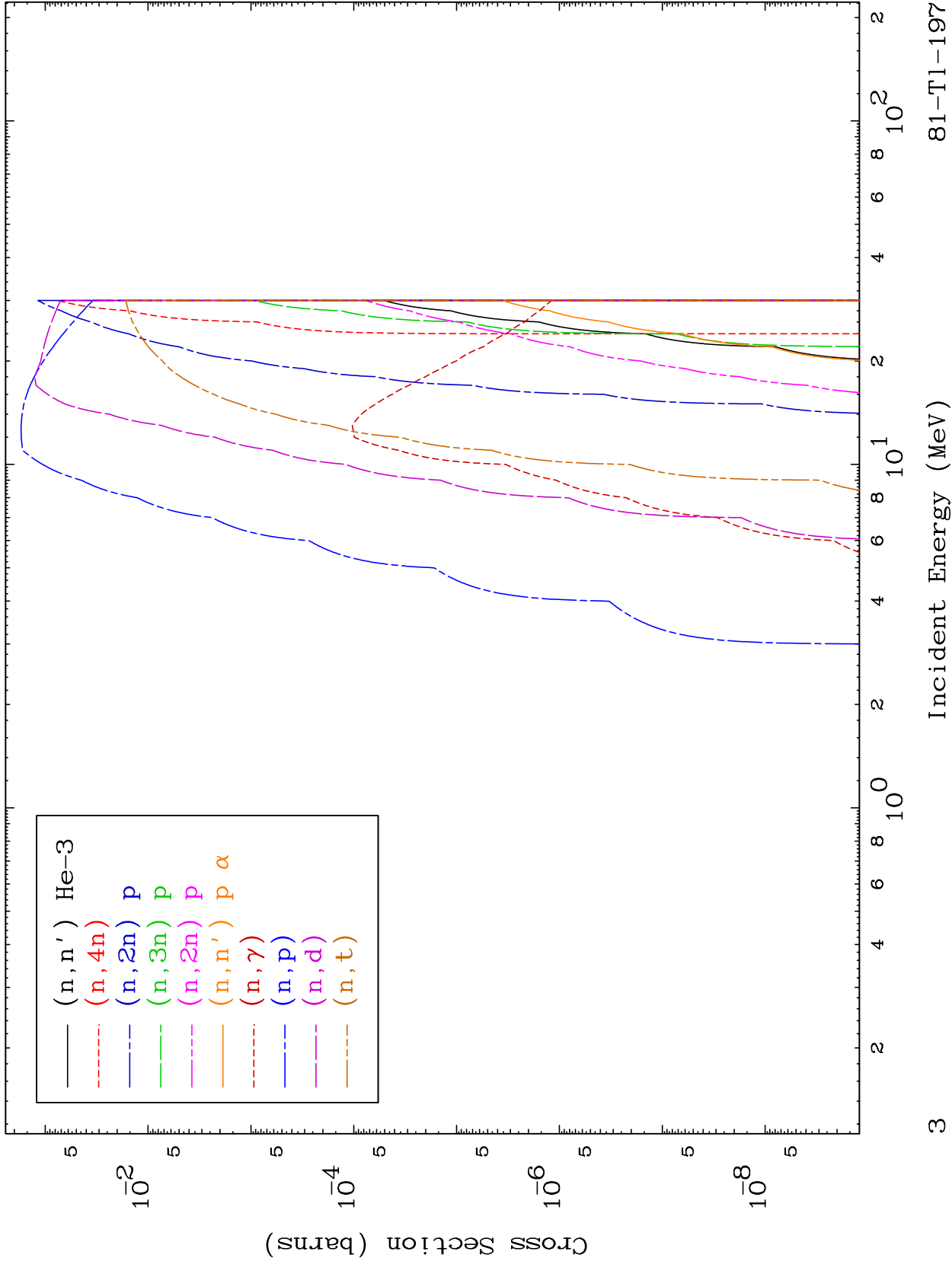
MAT 8107

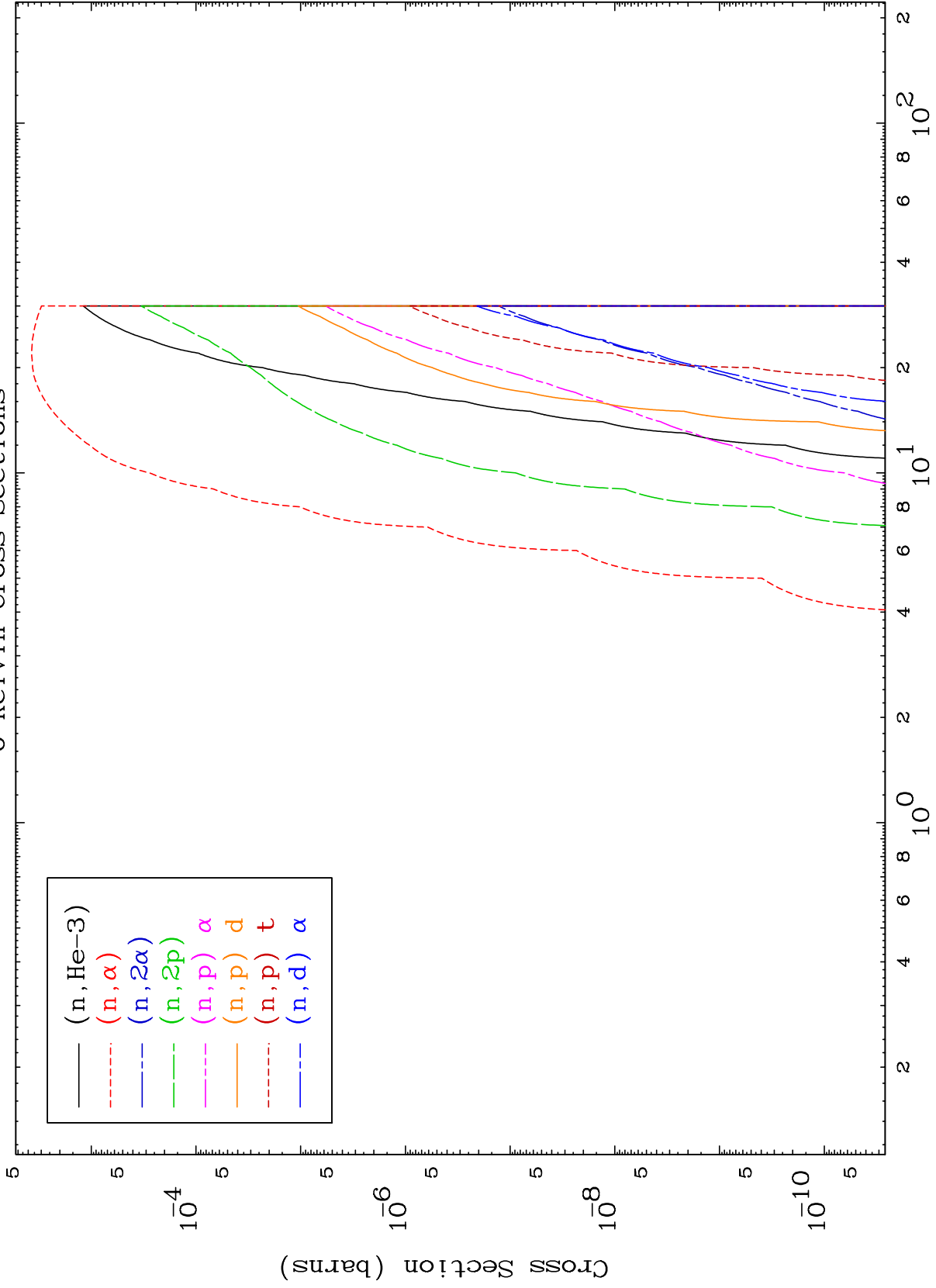
Deuteron Major
0 Kelvin Cross Sections

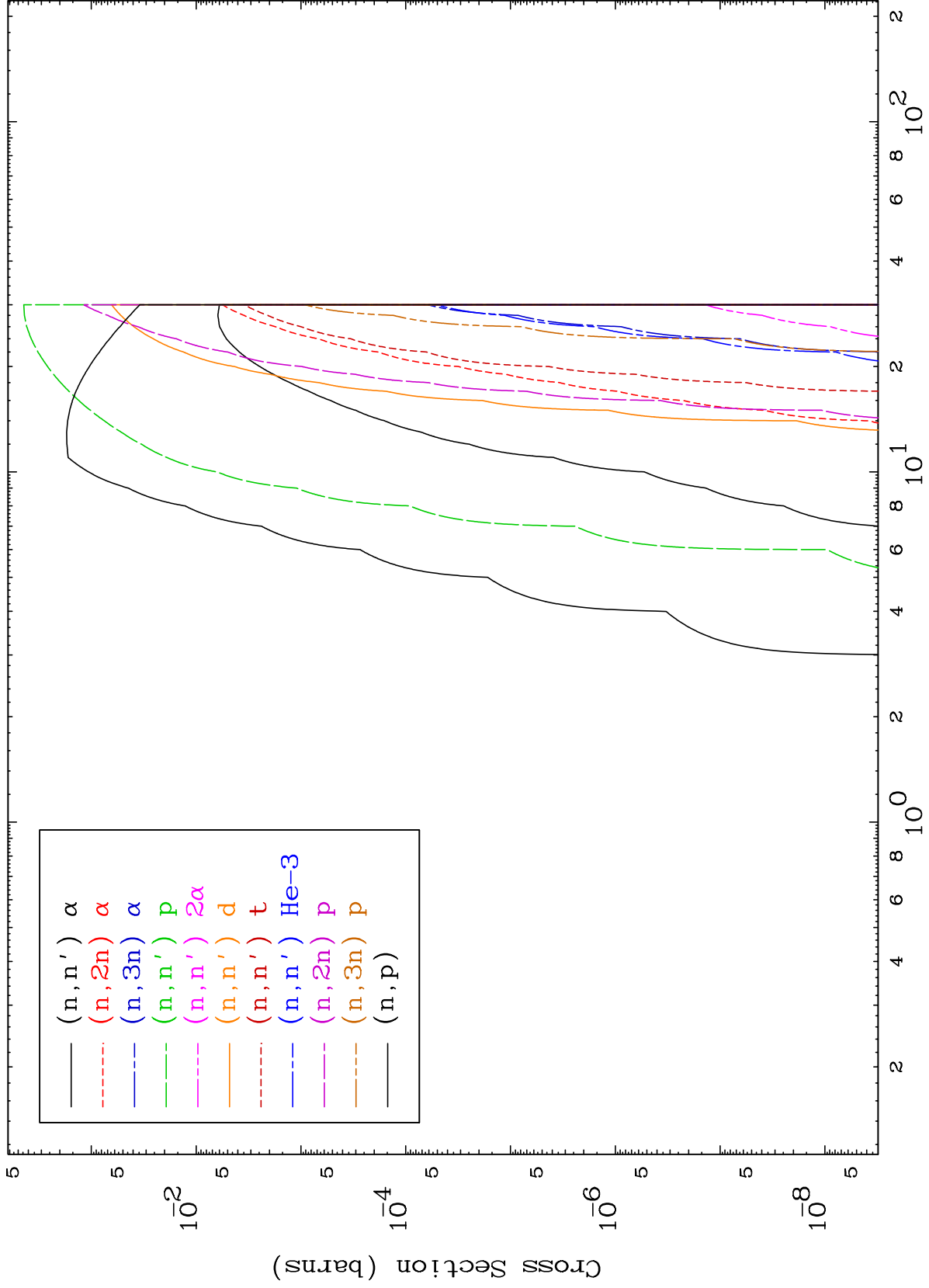
81-T1-197

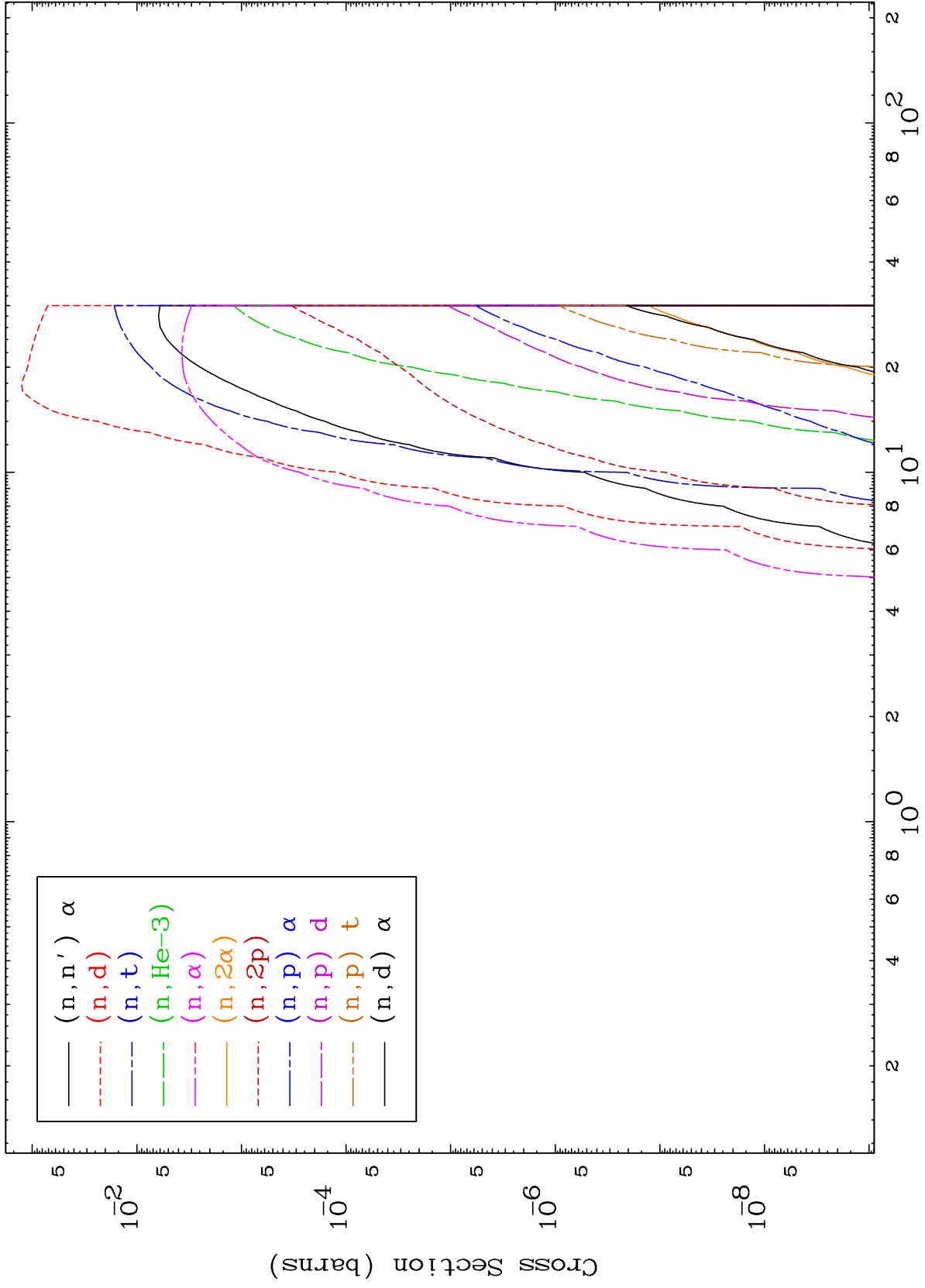










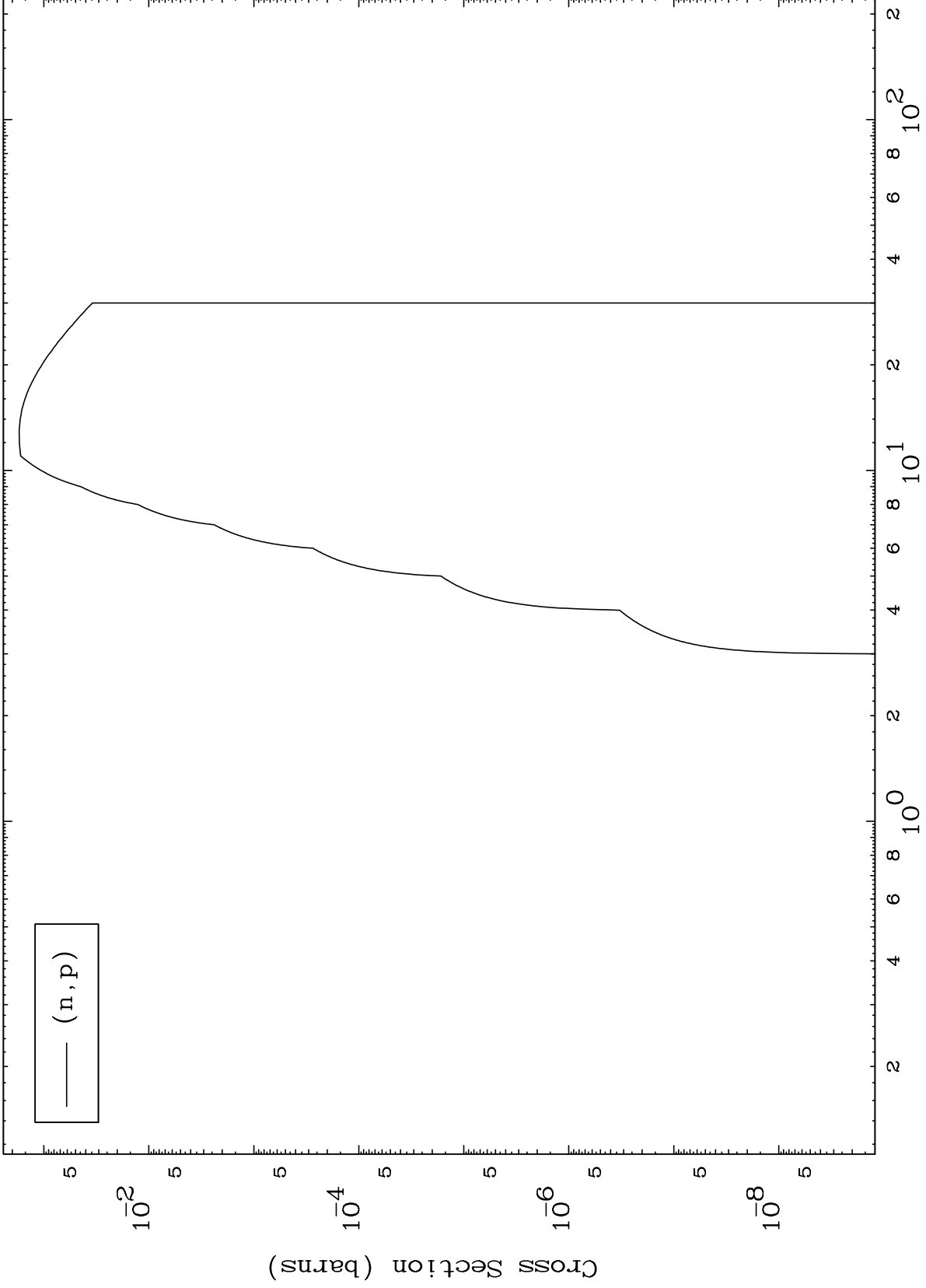


MAT 8107

(d,p) Levels

81-Tl-197

0 Kelvin Cross Sections



7

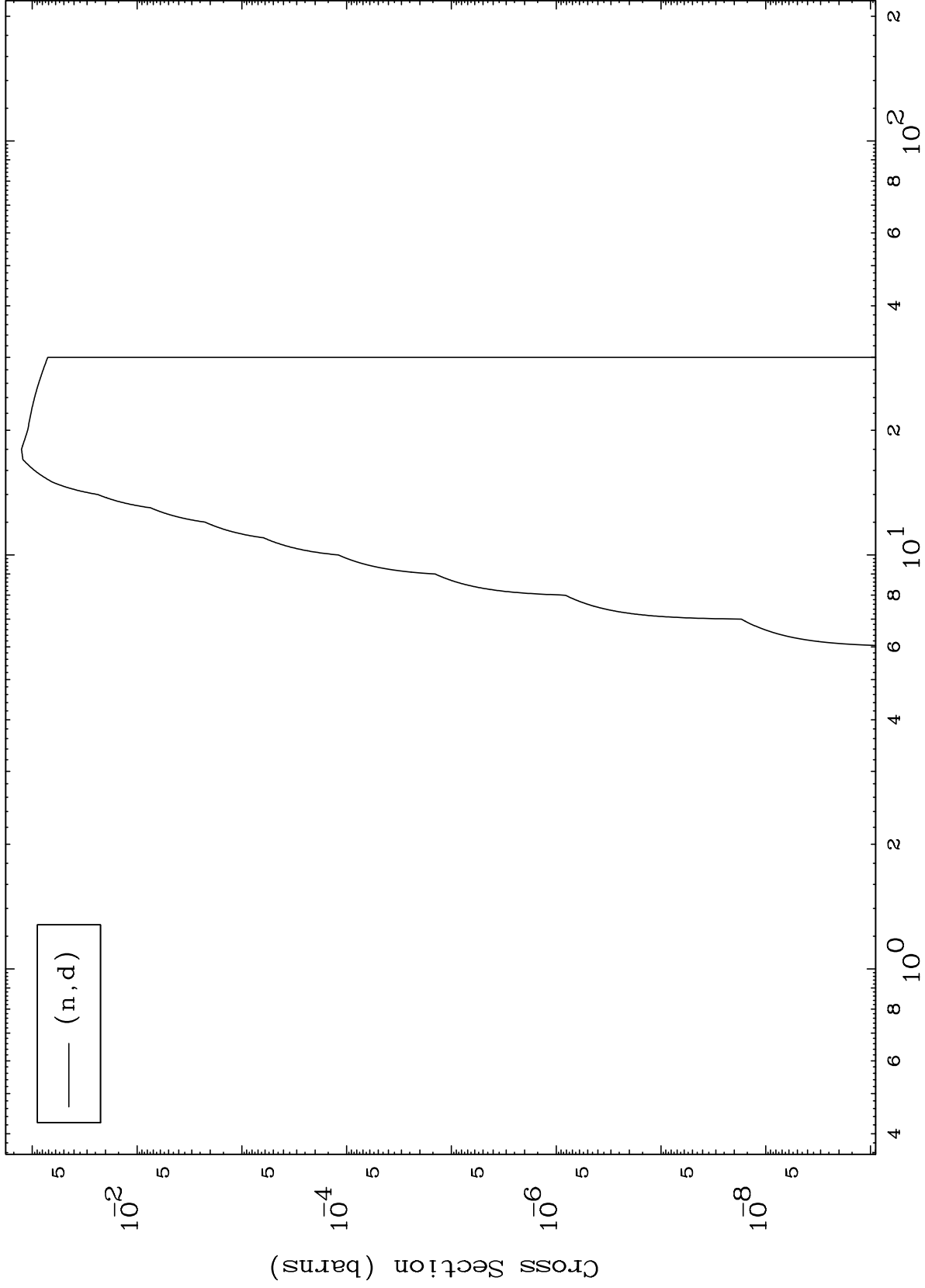
Incident Energy (MeV)

81-Tl-197

MAT 8107

(d,d) Levels
0 Kelvin Cross Sections

81-T1-197



8

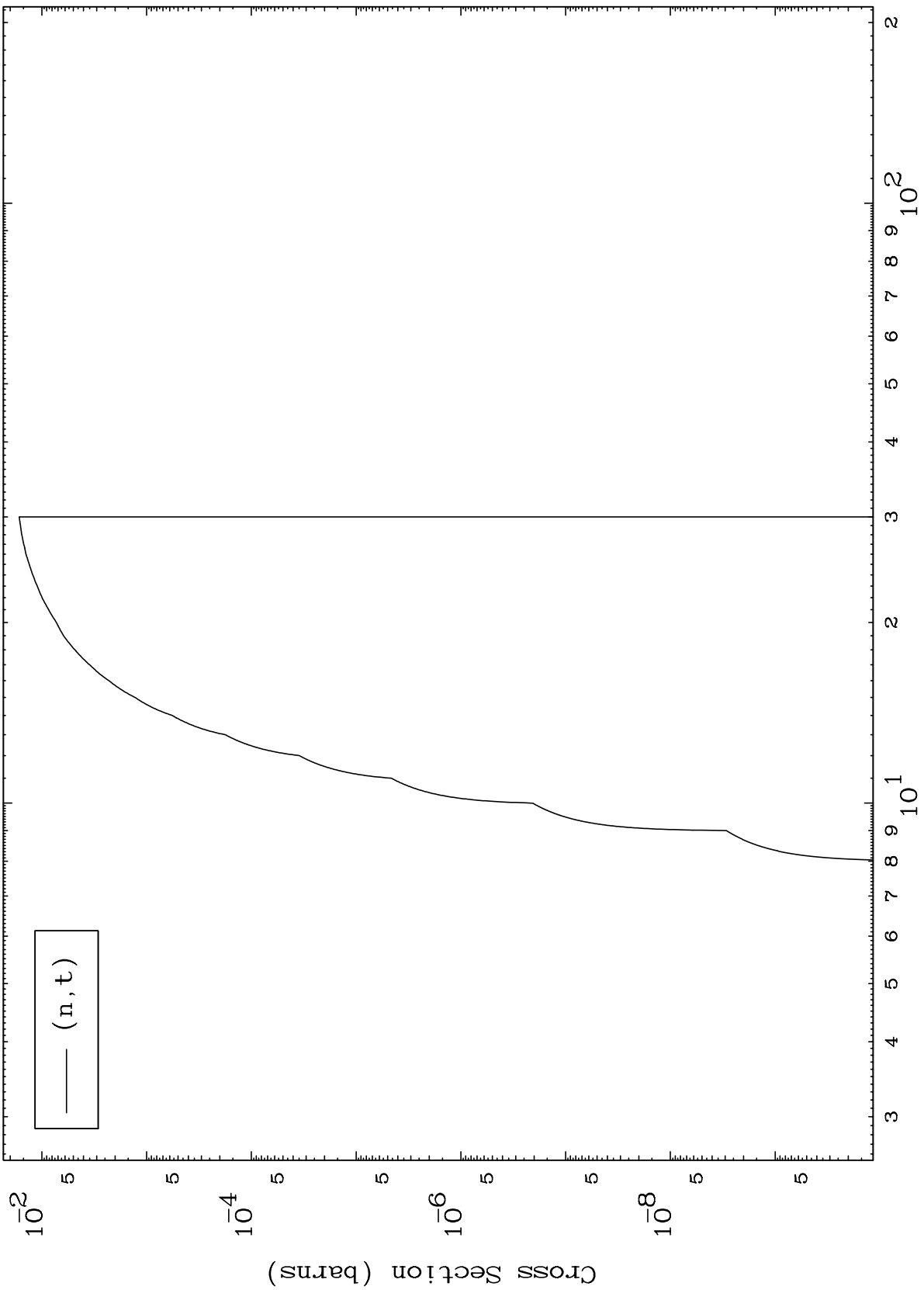
Incident Energy (MeV)

81-T1-197

MAT 8107

81-T1-197

(d,t) Levels
0 Kelvin Cross Sections



81-T1-197

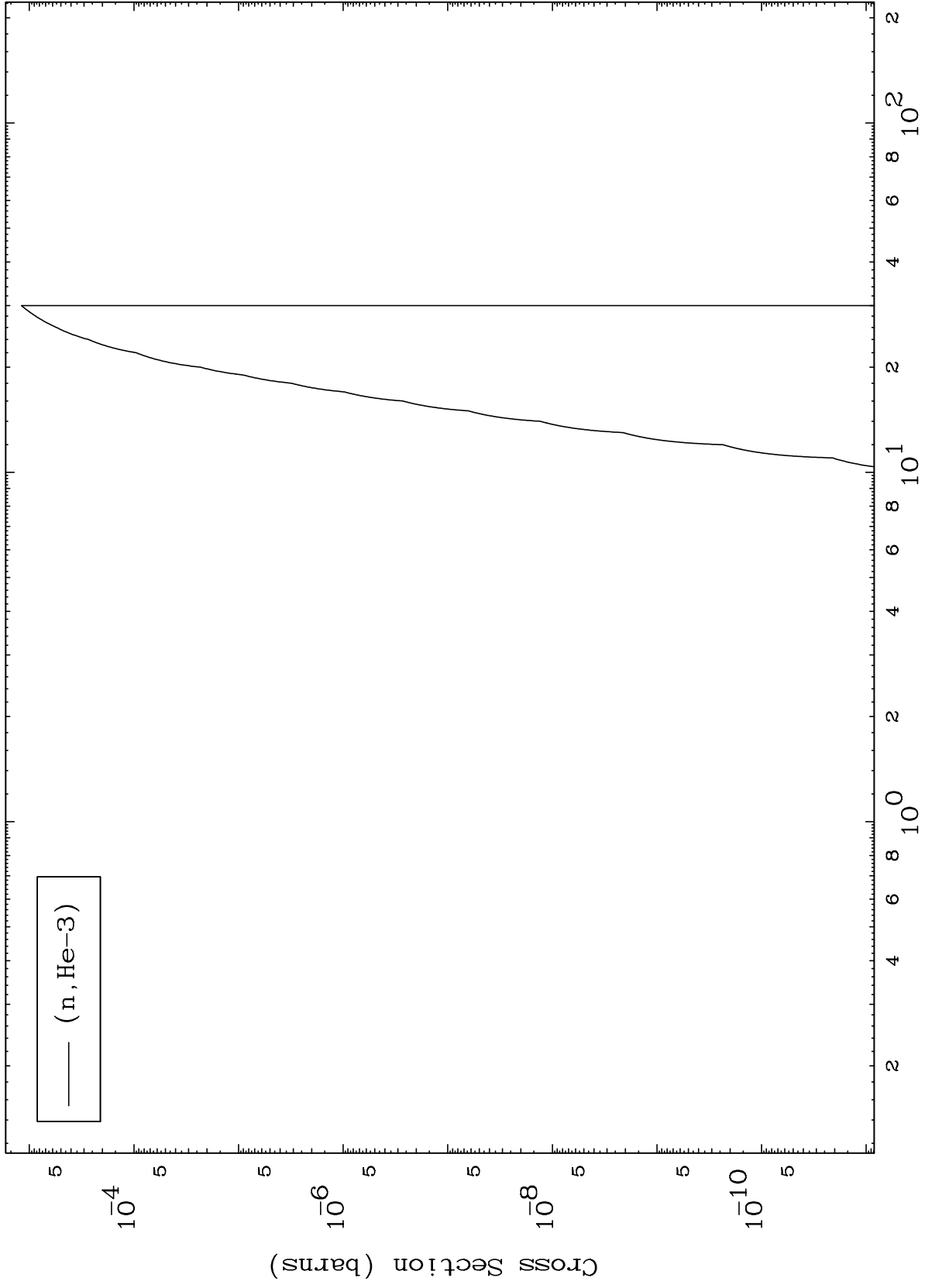
Incident Energy (MeV)

9

MAT 8107

(d,He3) Levels
0 Kelvin Cross Sections

81-T1-197



10

Incident Energy (MeV)

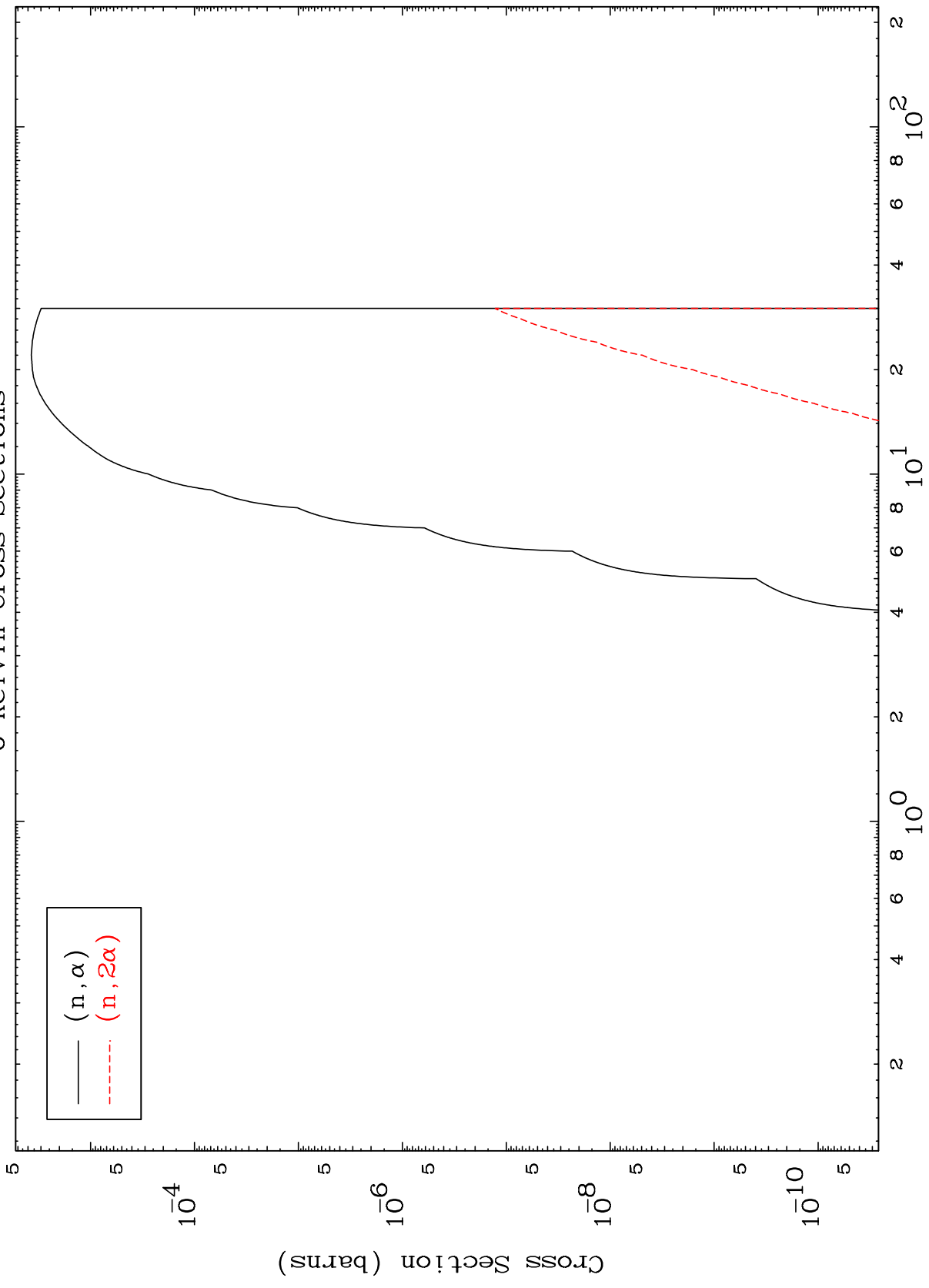
81-T1-197

MAT 8107

(d, α) Levels

81-Tl-197

0 Kelvin Cross Sections

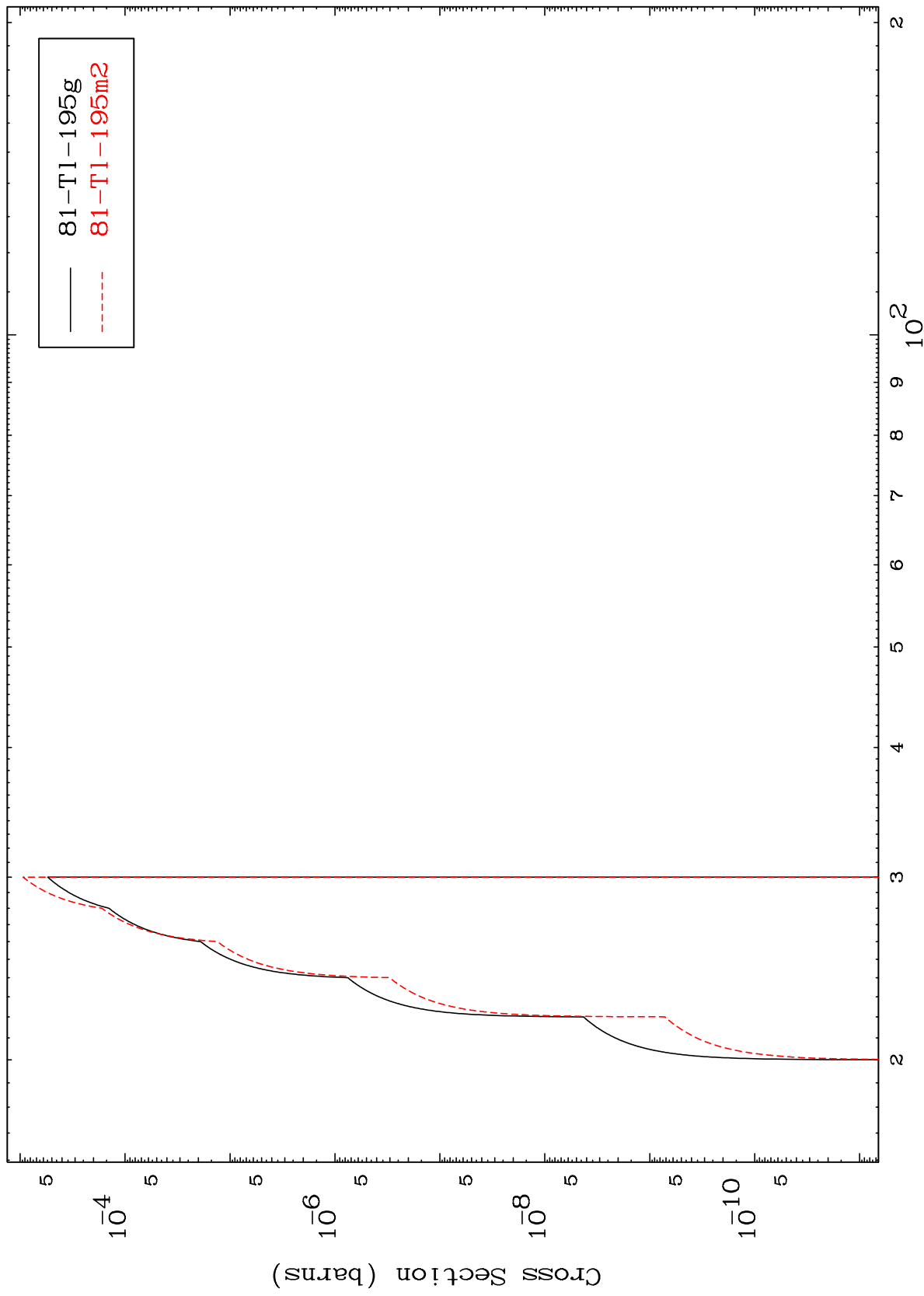


MAT 8107

(n,2n) d

81-Tl-197

Radionuclide Production Cross Section



12

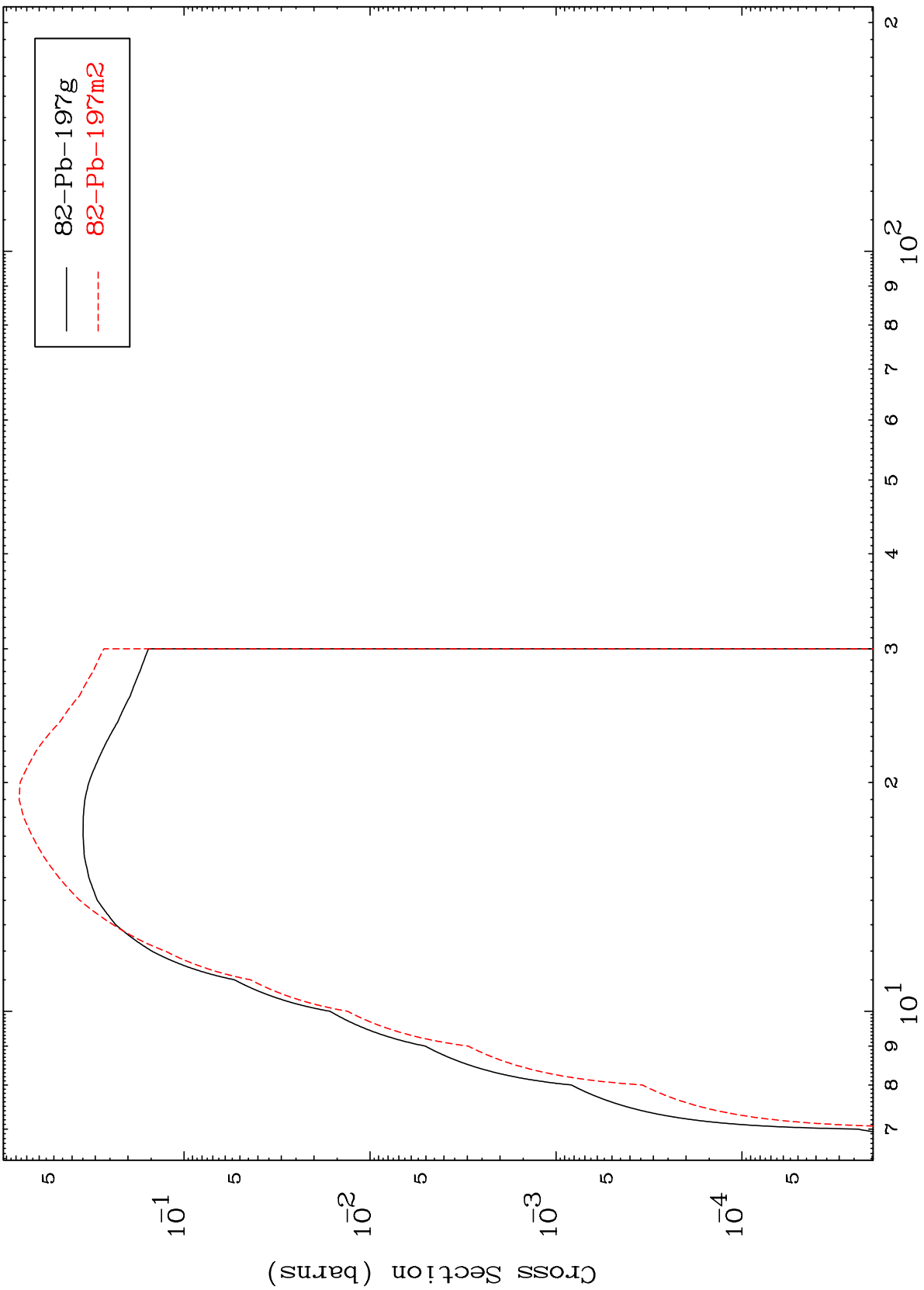
Incident Energy (MeV)

81-Tl-197

MAT 8107

81-T1-197

(n,2n)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

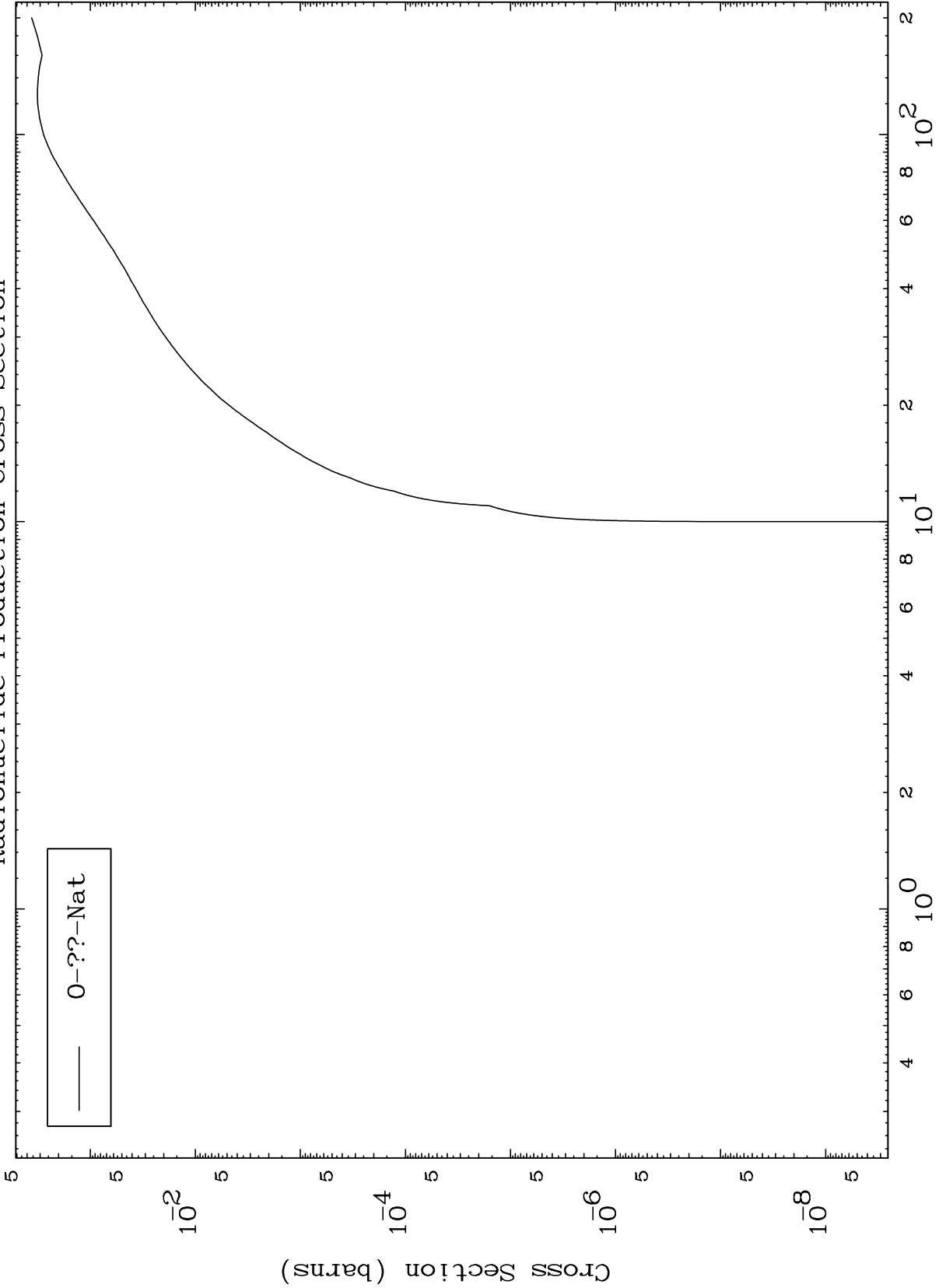
81-T1-197

MAT 8107

Fission

81-Tl-197

Radionuclide Production Cross Section



14

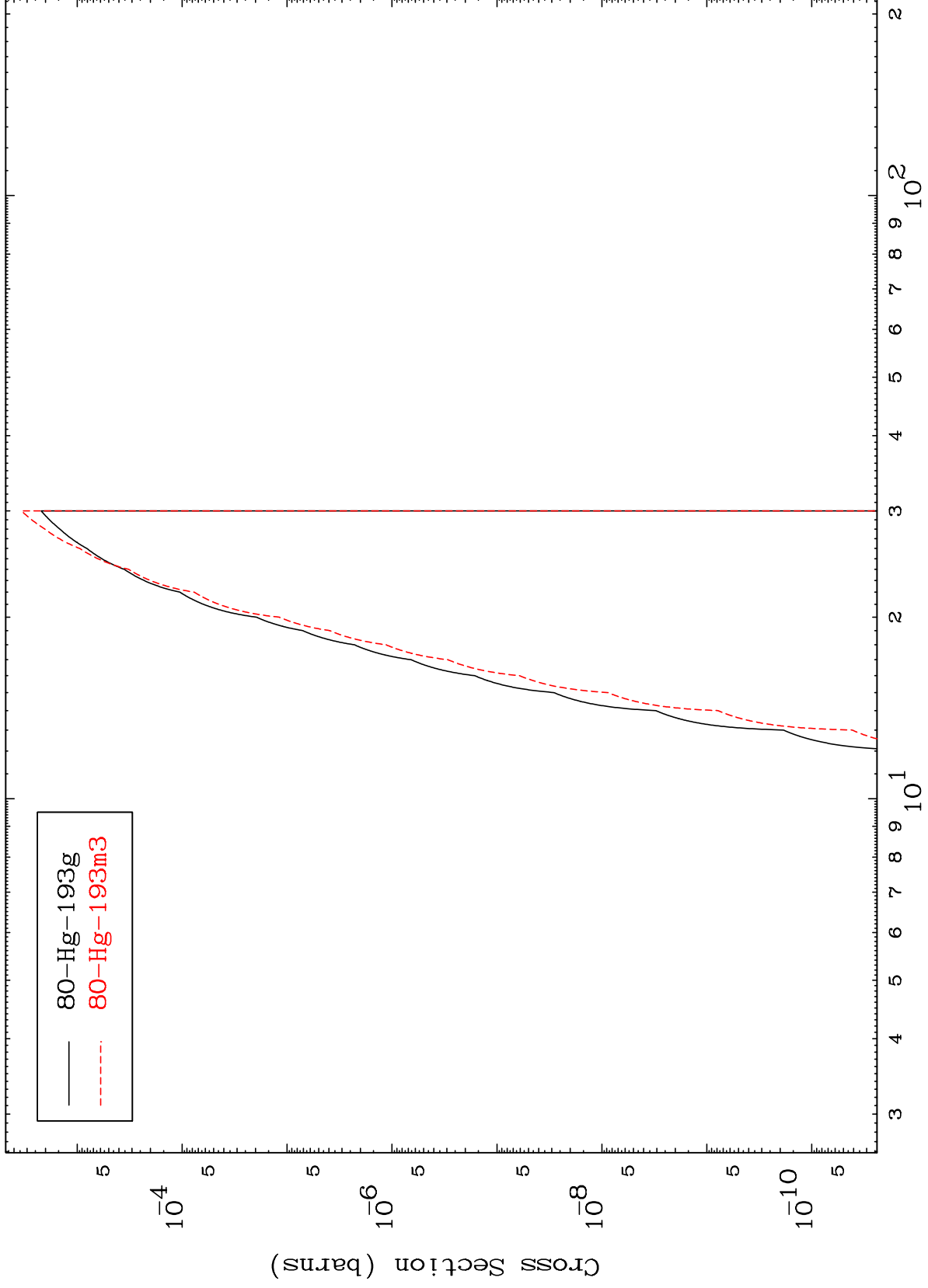
81-Tl-197

MAT 8107

81-Tl-197

(n,2n) α

Radionuclide Production Cross Section



15

Incident Energy (MeV)

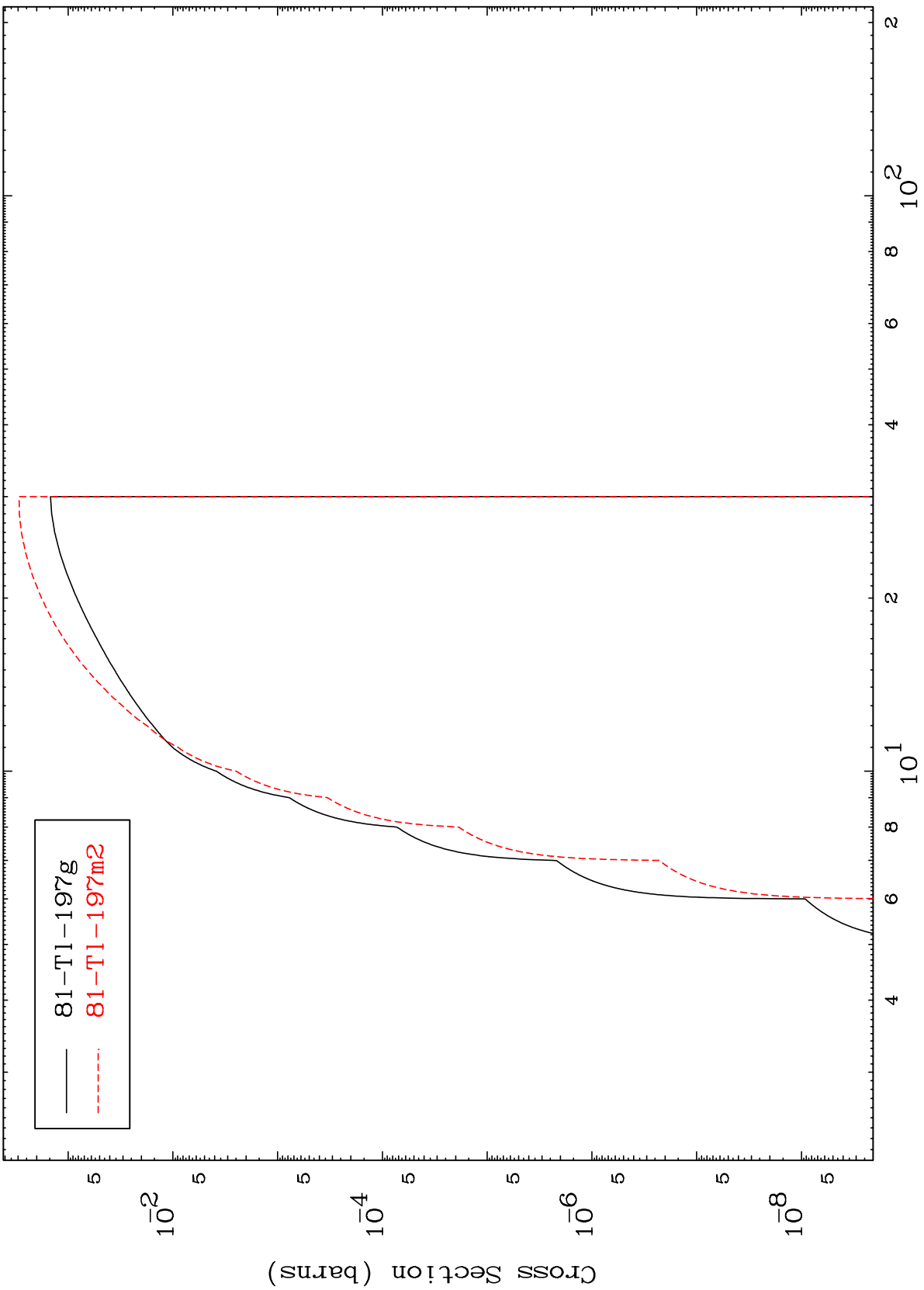
81-Tl-197

MAT 8107

(n,n') p

81-Tl-197

Radionuclide Production Cross Section



81-Tl-197g
81-Tl-197m2

16

Incident Energy (MeV)

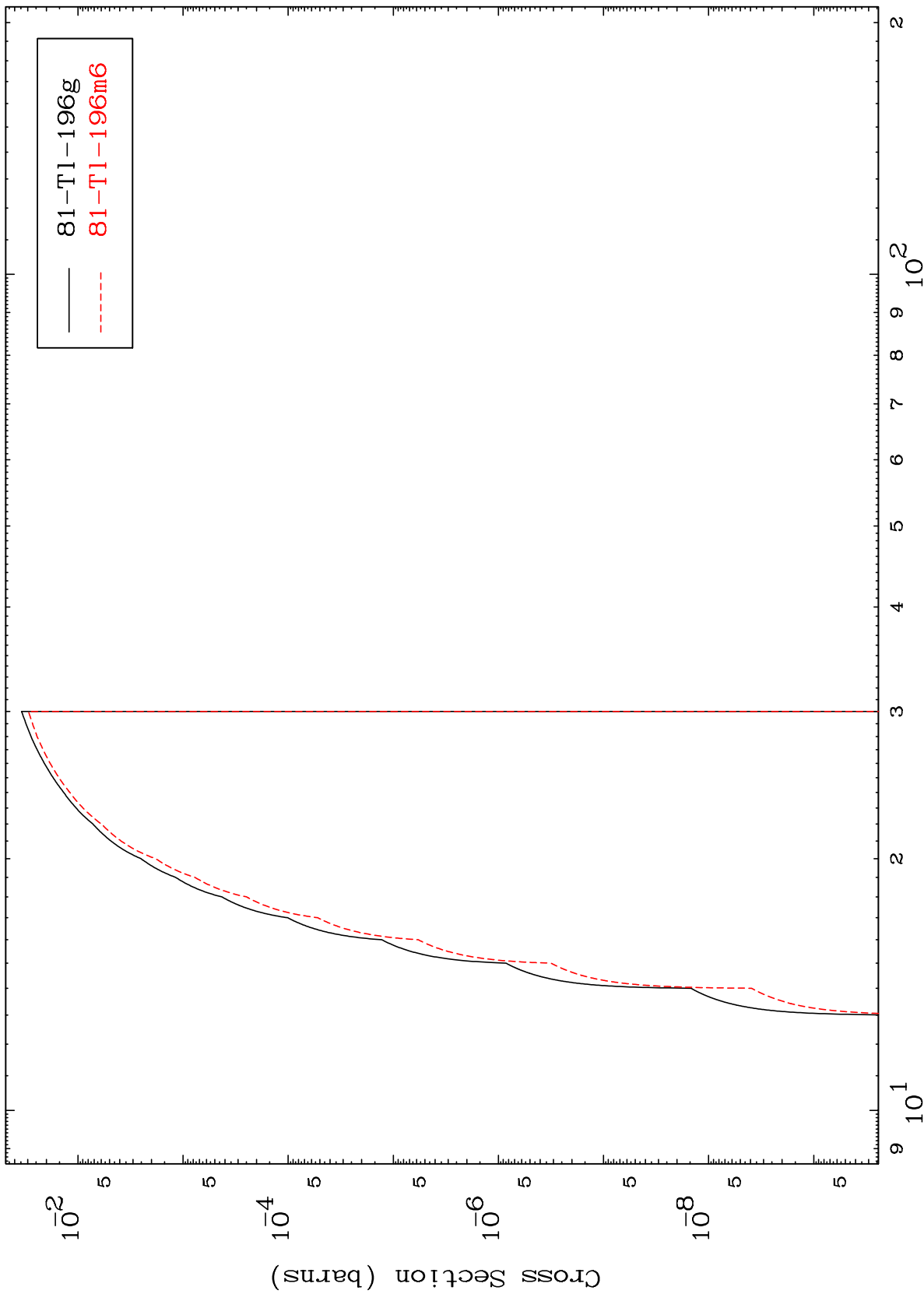
81-Tl-197

MAT 8107

(n,n') d

81-Tl-197

Radionuclide Production Cross Section



17

Incident Energy (MeV)

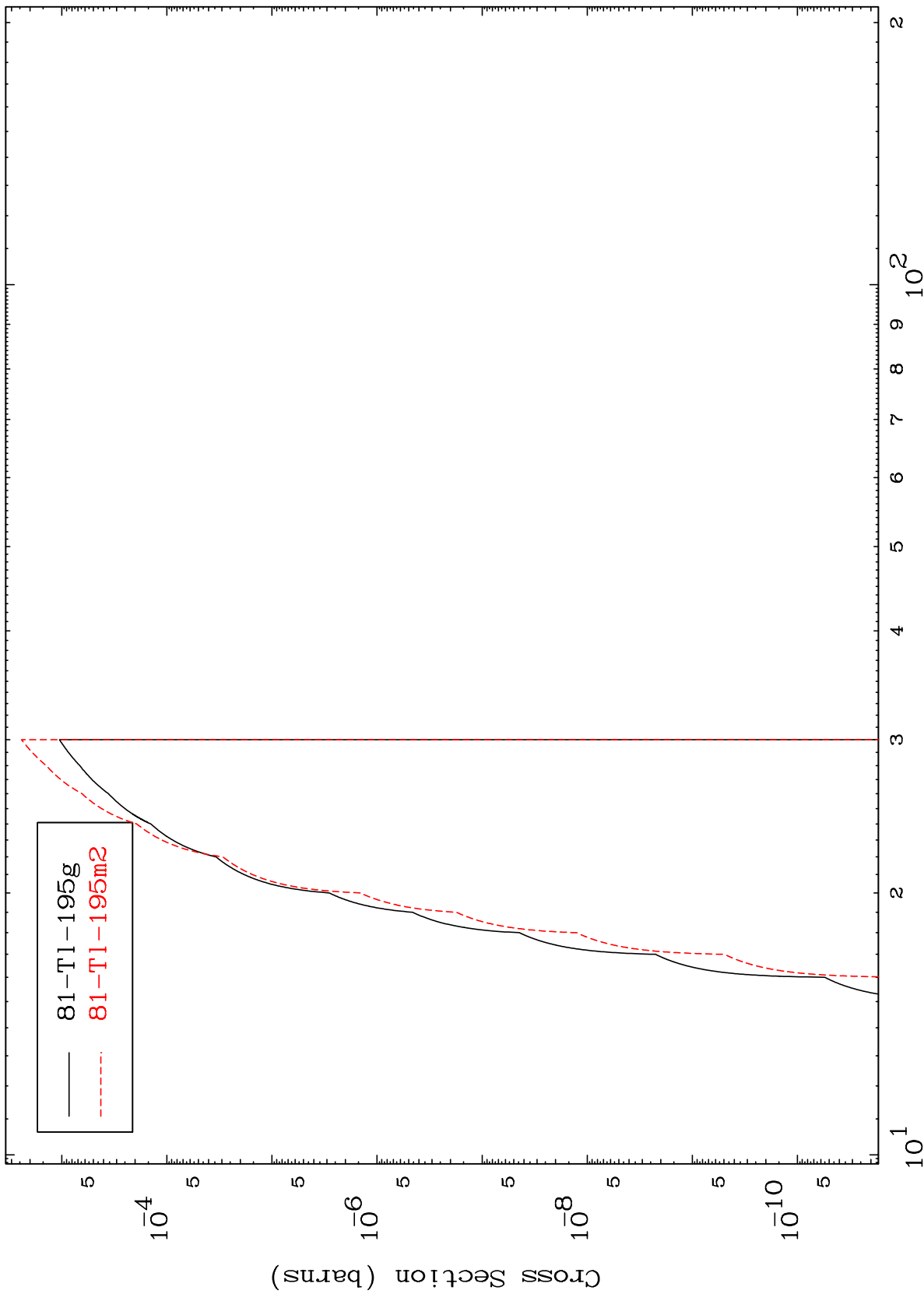
81-Tl-197

MAT 8107

(n,n') t

81-Tl-197

Radionuclide Production Cross Section



Incident Energy (MeV)

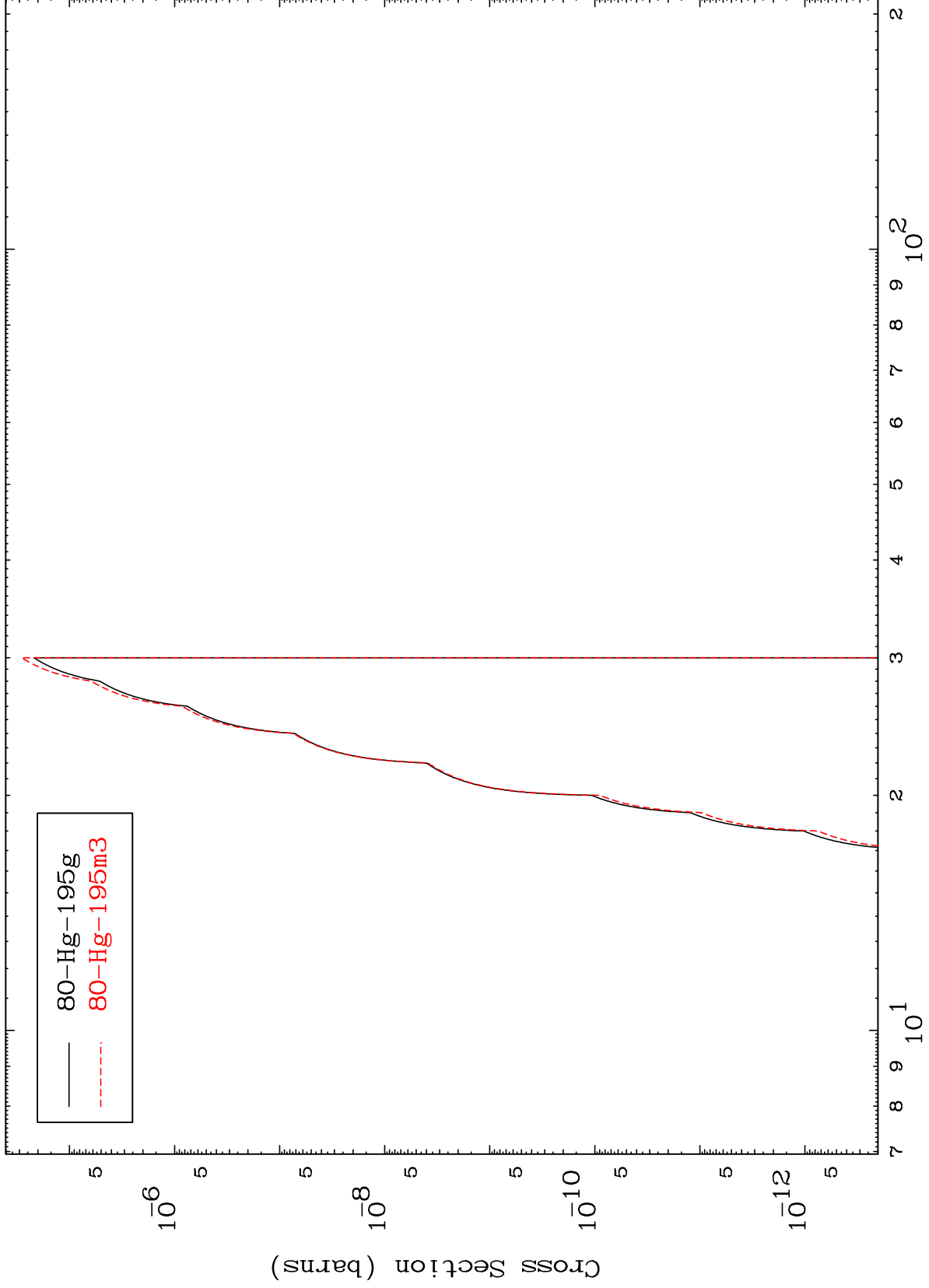
81-Tl-197

MAT 8107

(n,n') He-3

81-T1-197

Radionuclide Production Cross Section



19

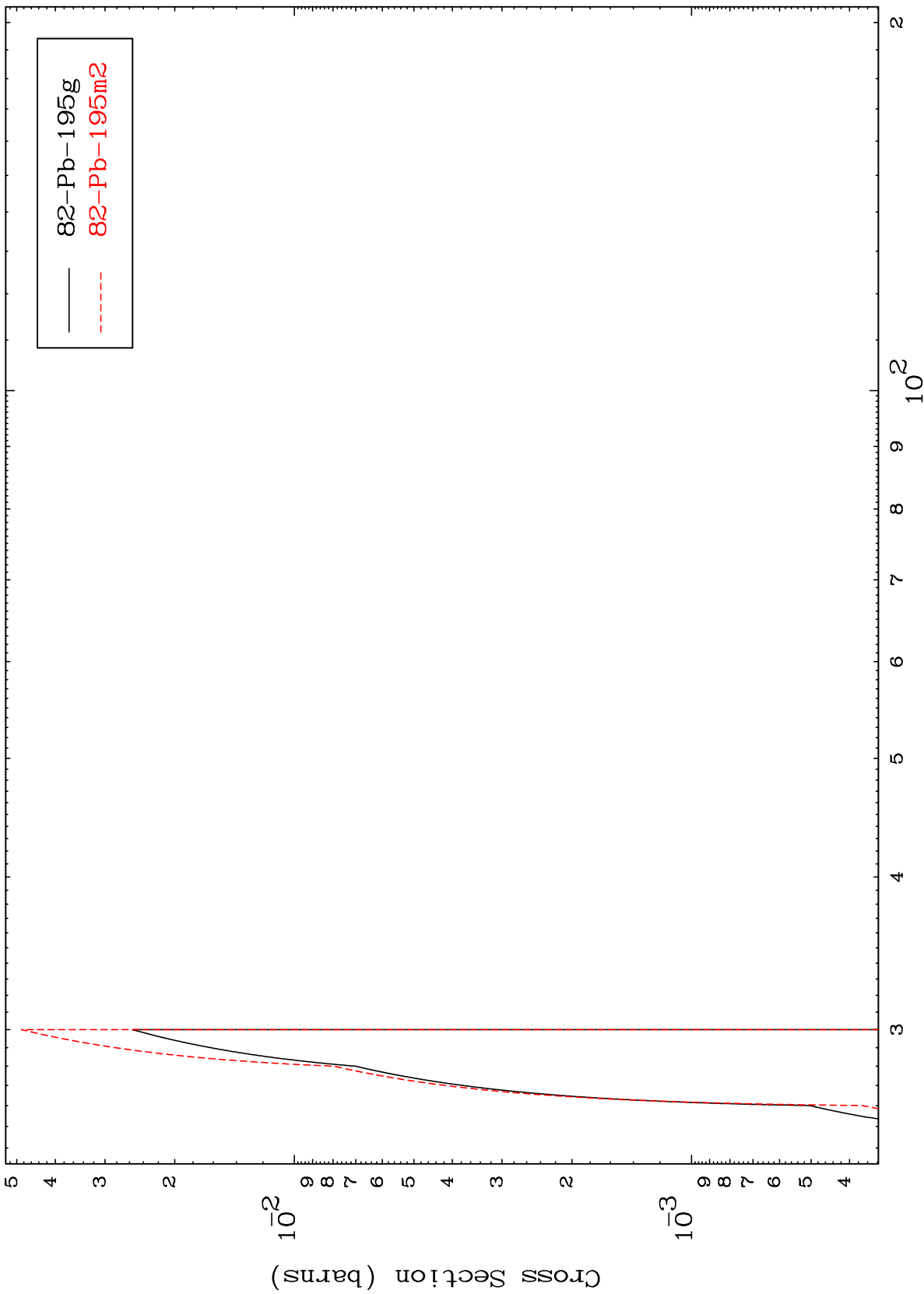
Incident Energy (MeV)

81-T1-197

MAT 8107

81-Tl-197

(n,4n)
Radionuclide Production Cross Section



20

81-Tl-197

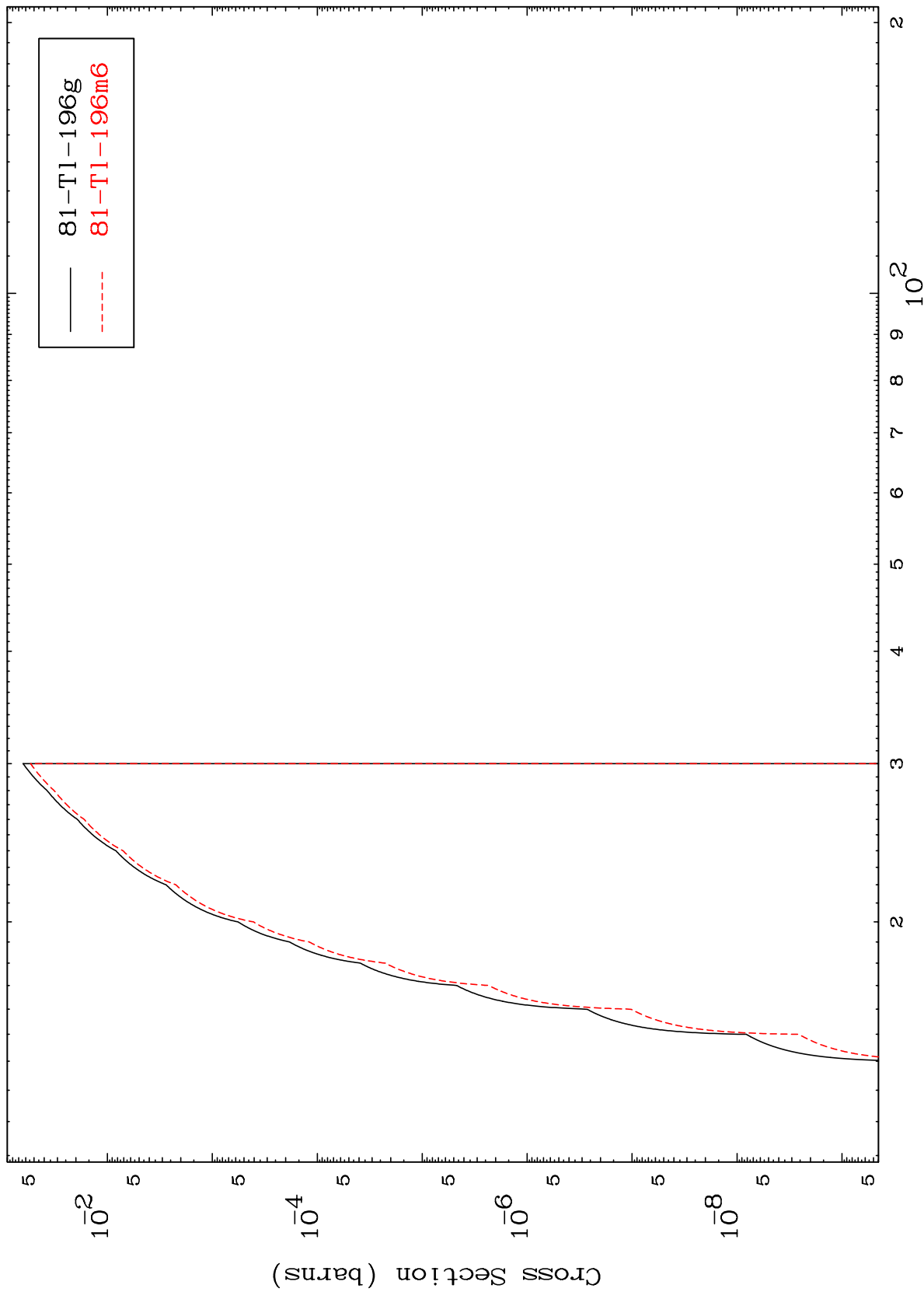
Incident Energy (MeV)

MAT 8107

(n,2n) p

81-Tl-197

Radionuclide Production Cross Section

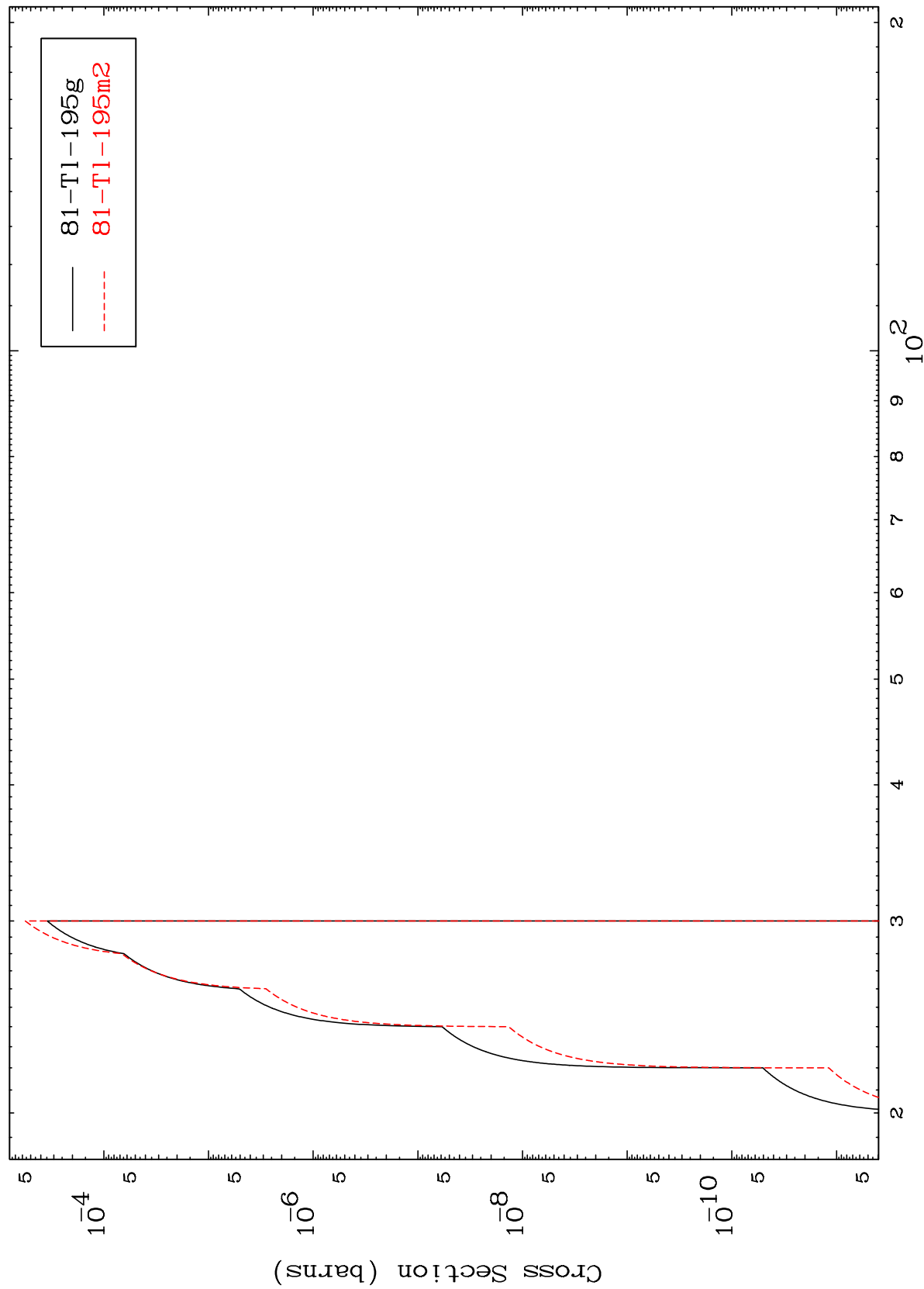


21

Incident Energy (MeV)

81-Tl-197

Radionuclide Production Cross Section



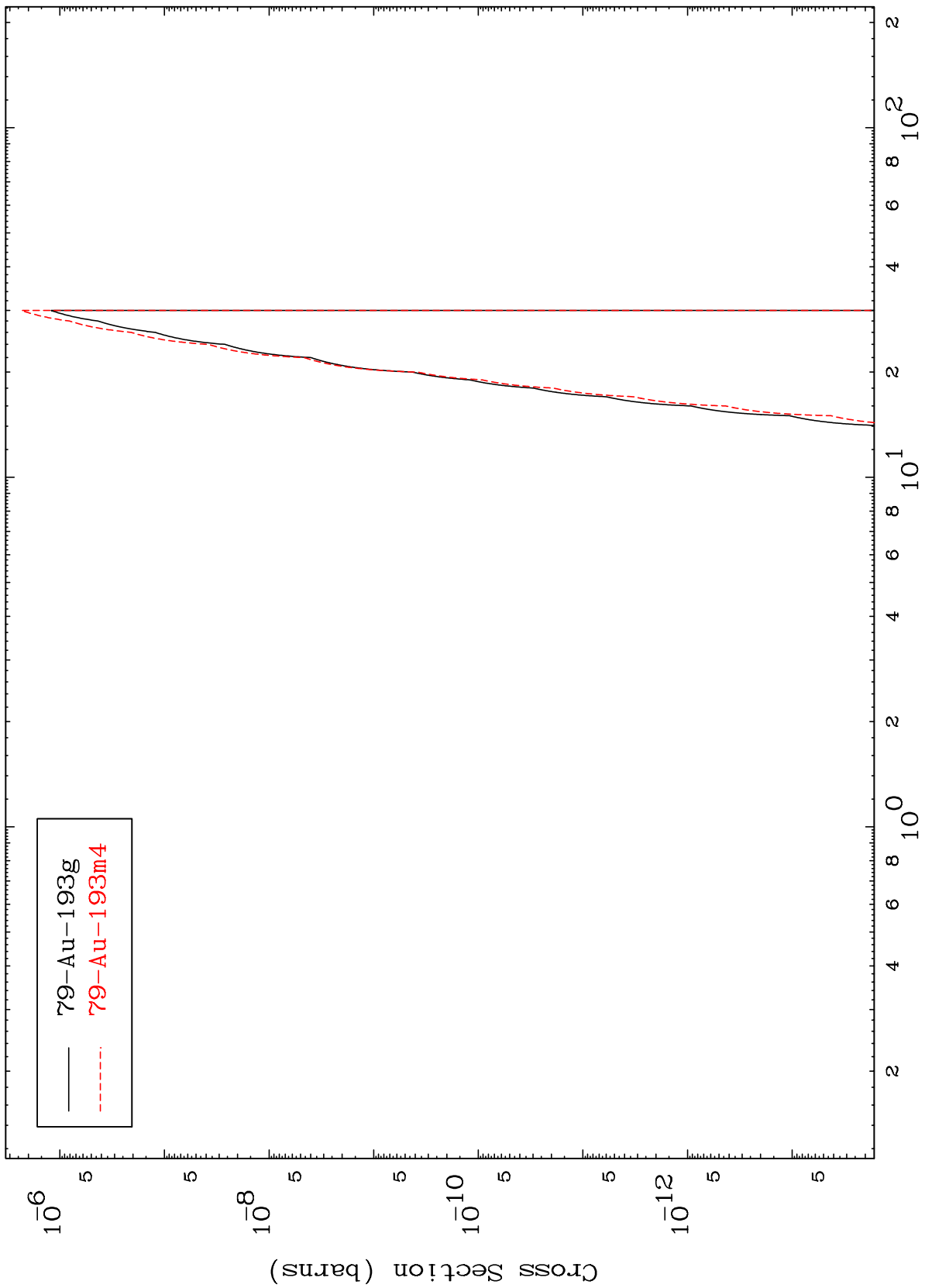
81-Tl-195g
81-Tl-195m2

MAT 8107

(n,n') p α

81-Tl-197

Radionuclide Production Cross Section

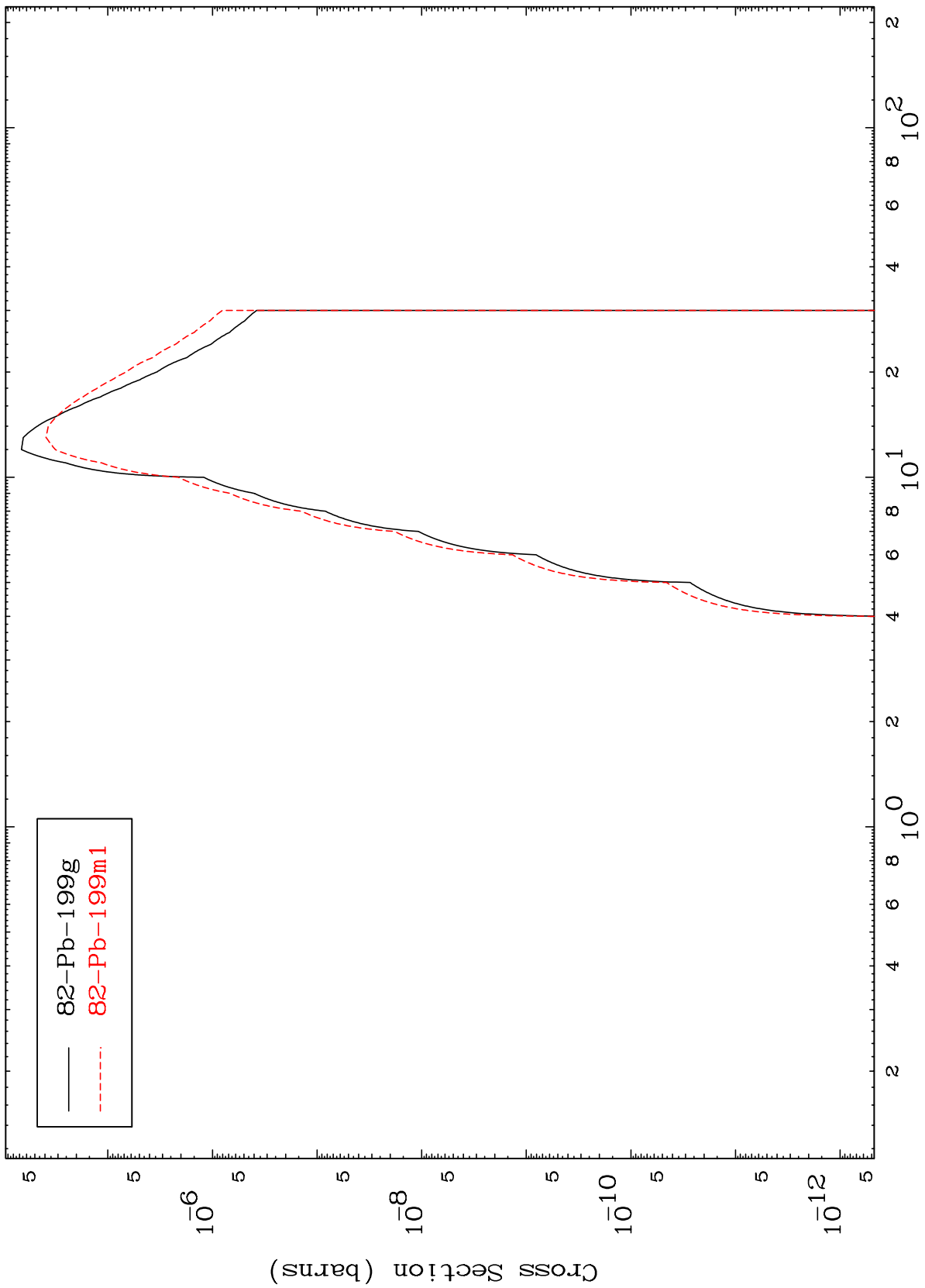


— 79-Au-193g
- - - 79-Au-193m4

MAT 8107

81-Tl-197

(n, γ)
Radionuclide Production Cross Section



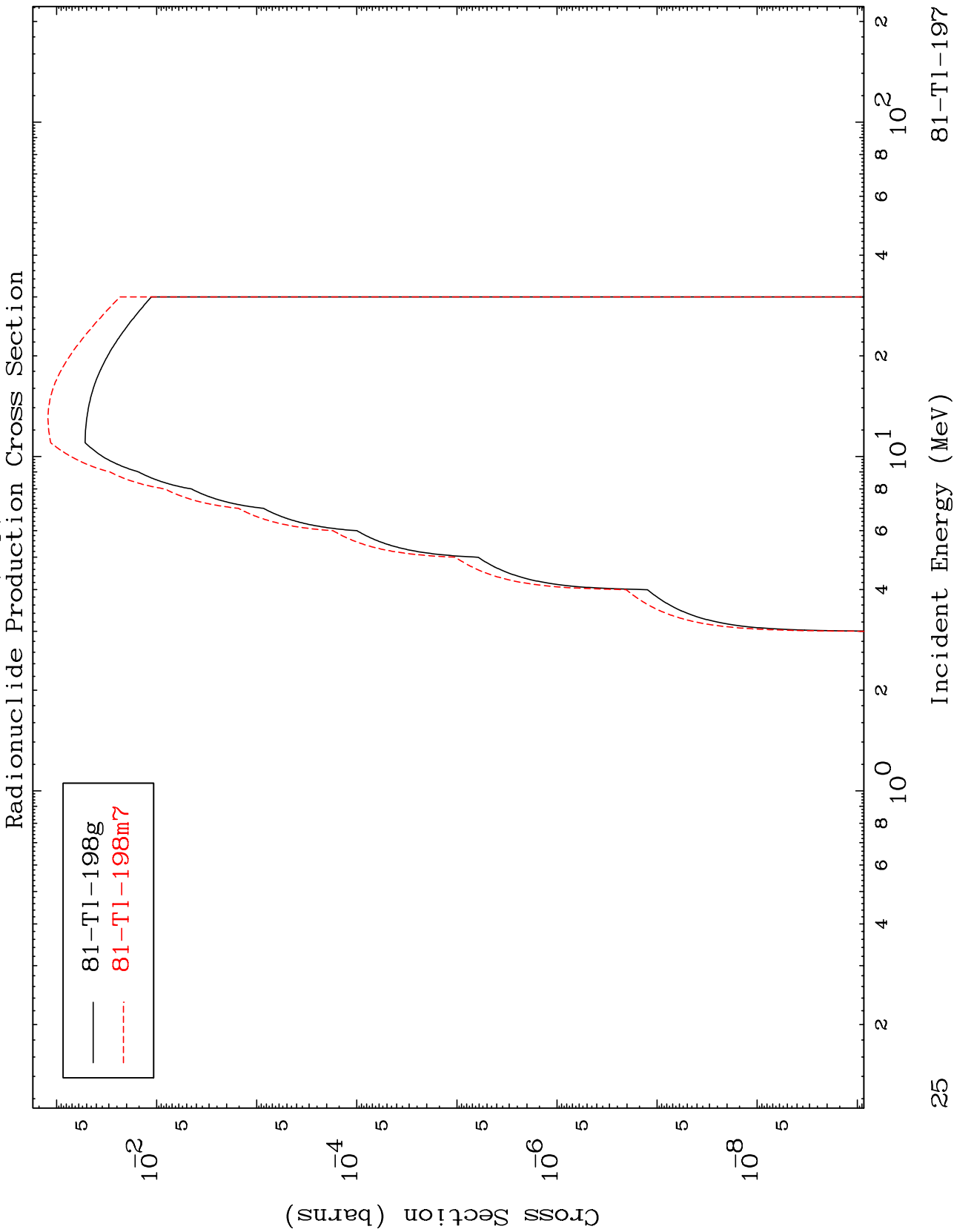
81-Tl-197

Incident Energy (MeV)

24

MAT 8107

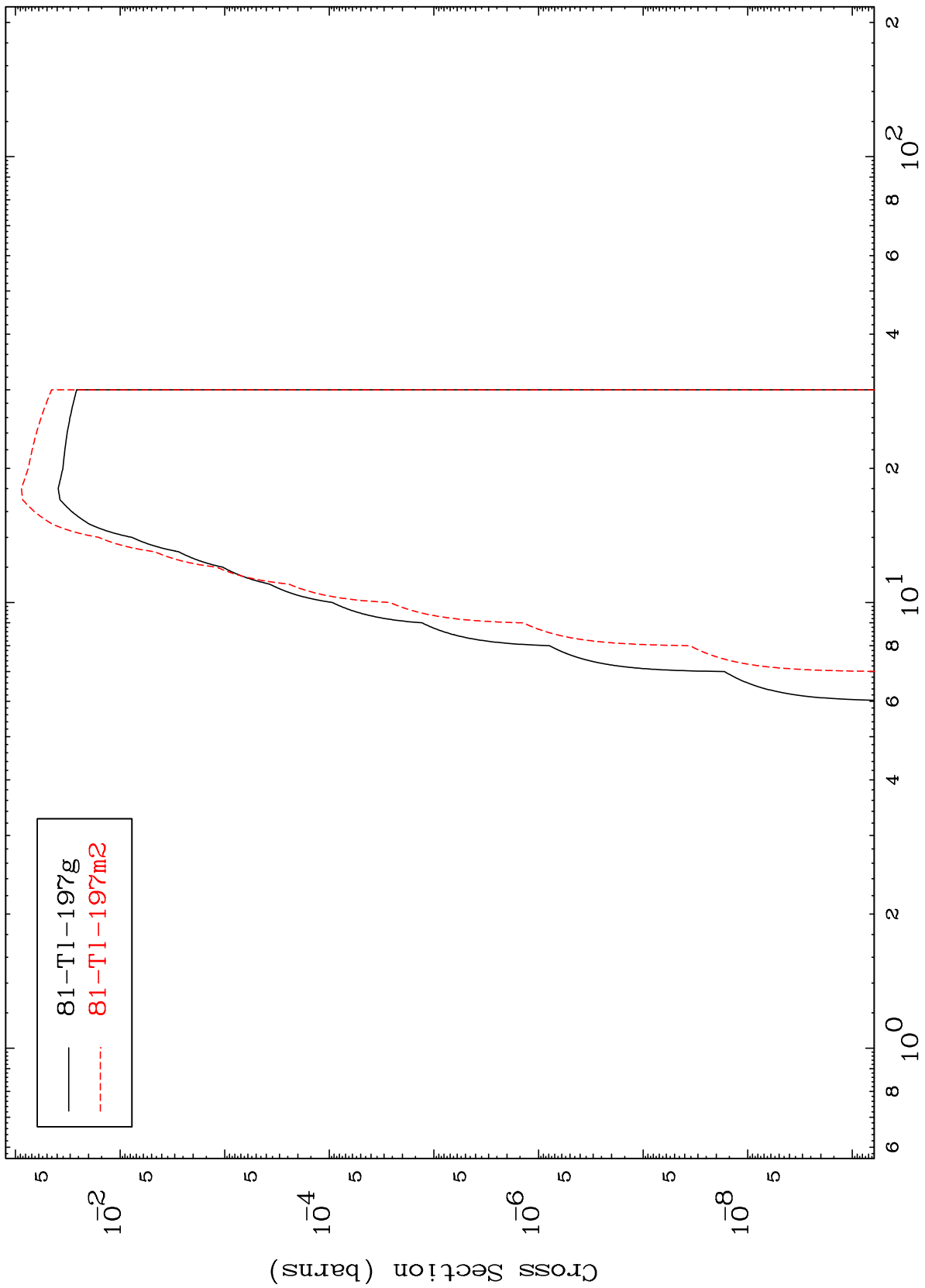
81-Tl-197



MAT 8107

81-Tl-197

(n,d)
Radionuclide Production Cross Section



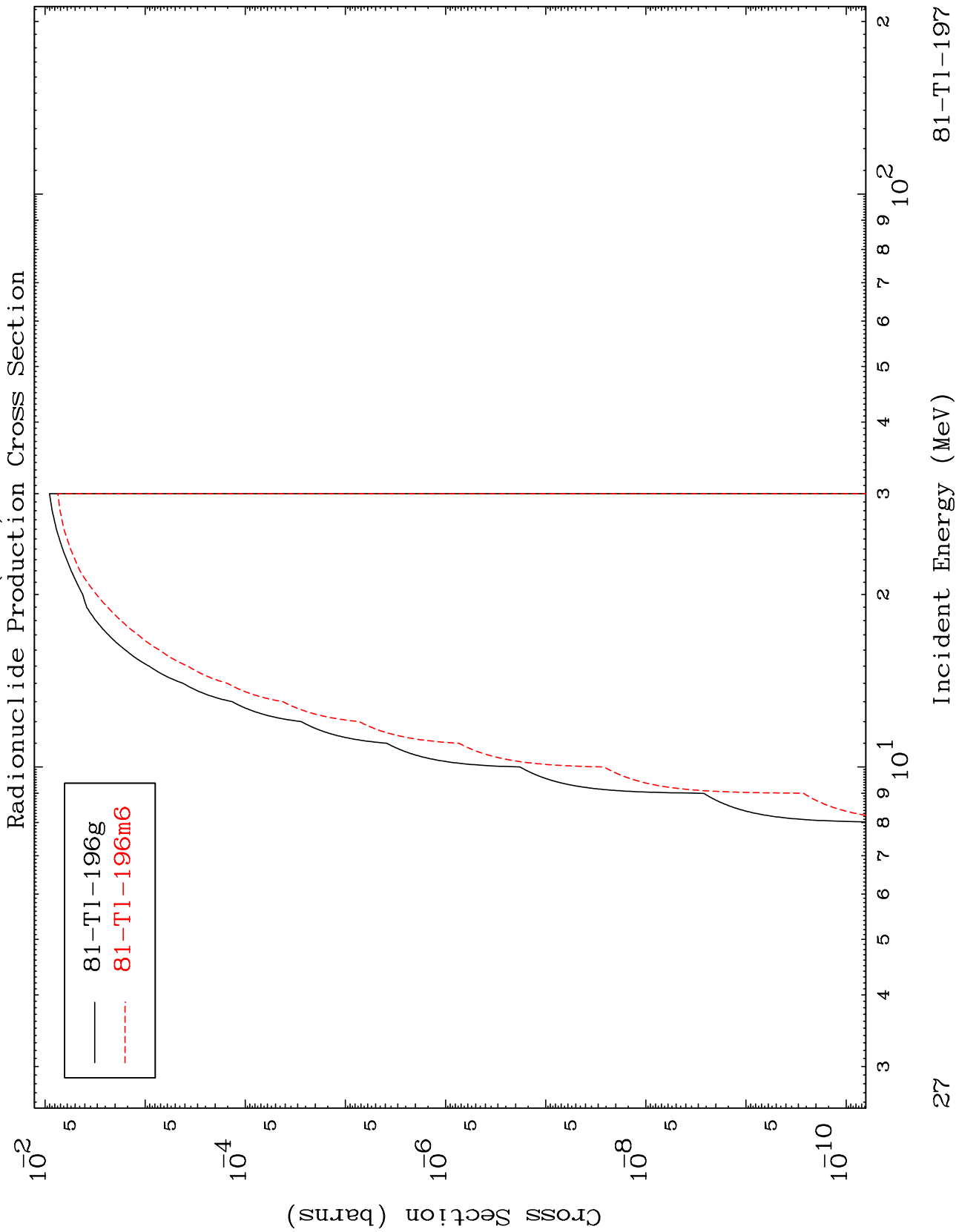
26

81-Tl-197

Incident Energy (MeV)

MAT 8107

81-Tl-197



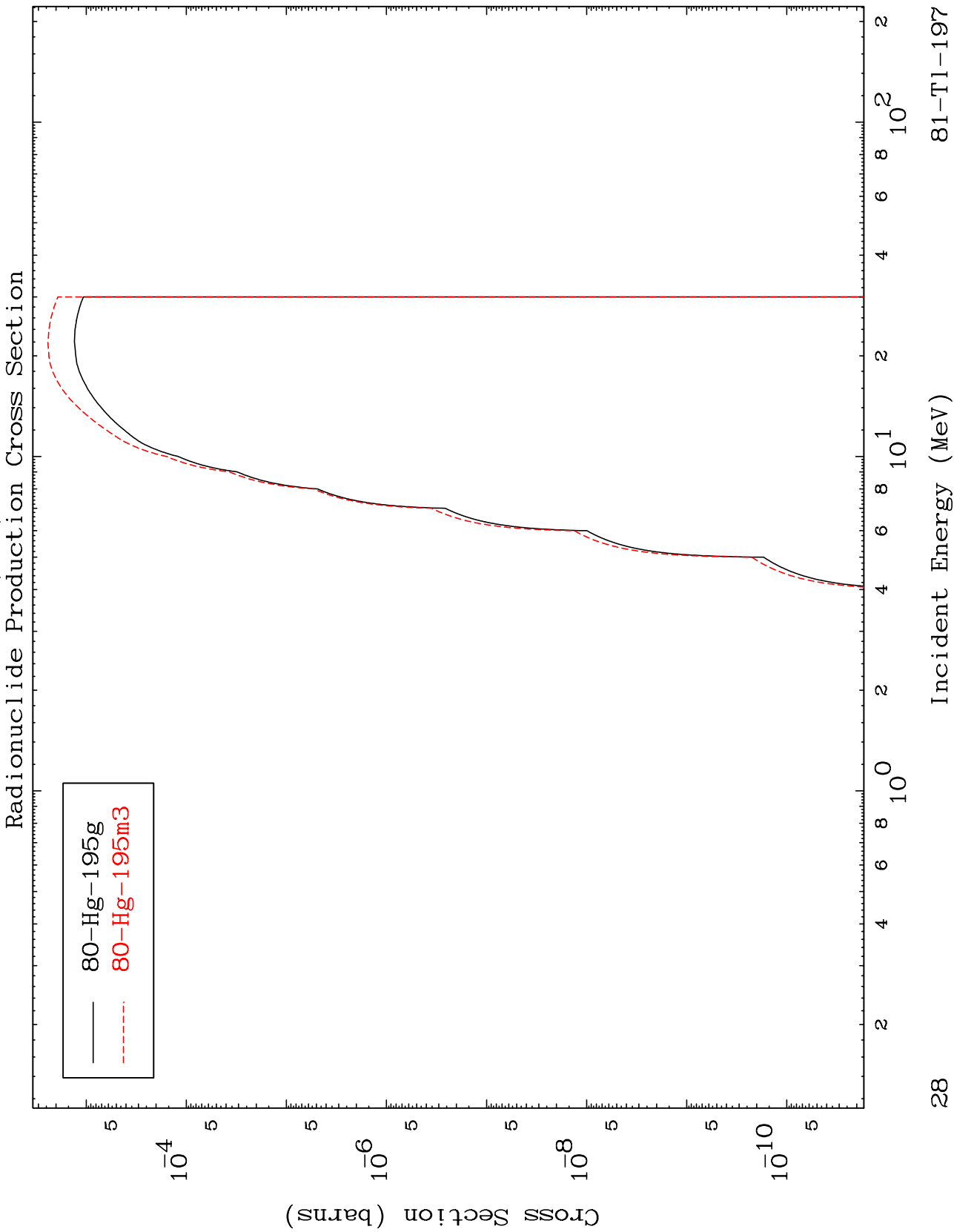
81-Tl-197

Incident Energy (MeV)

27

MAT 8107

81-Tl-197



81-Tl-197

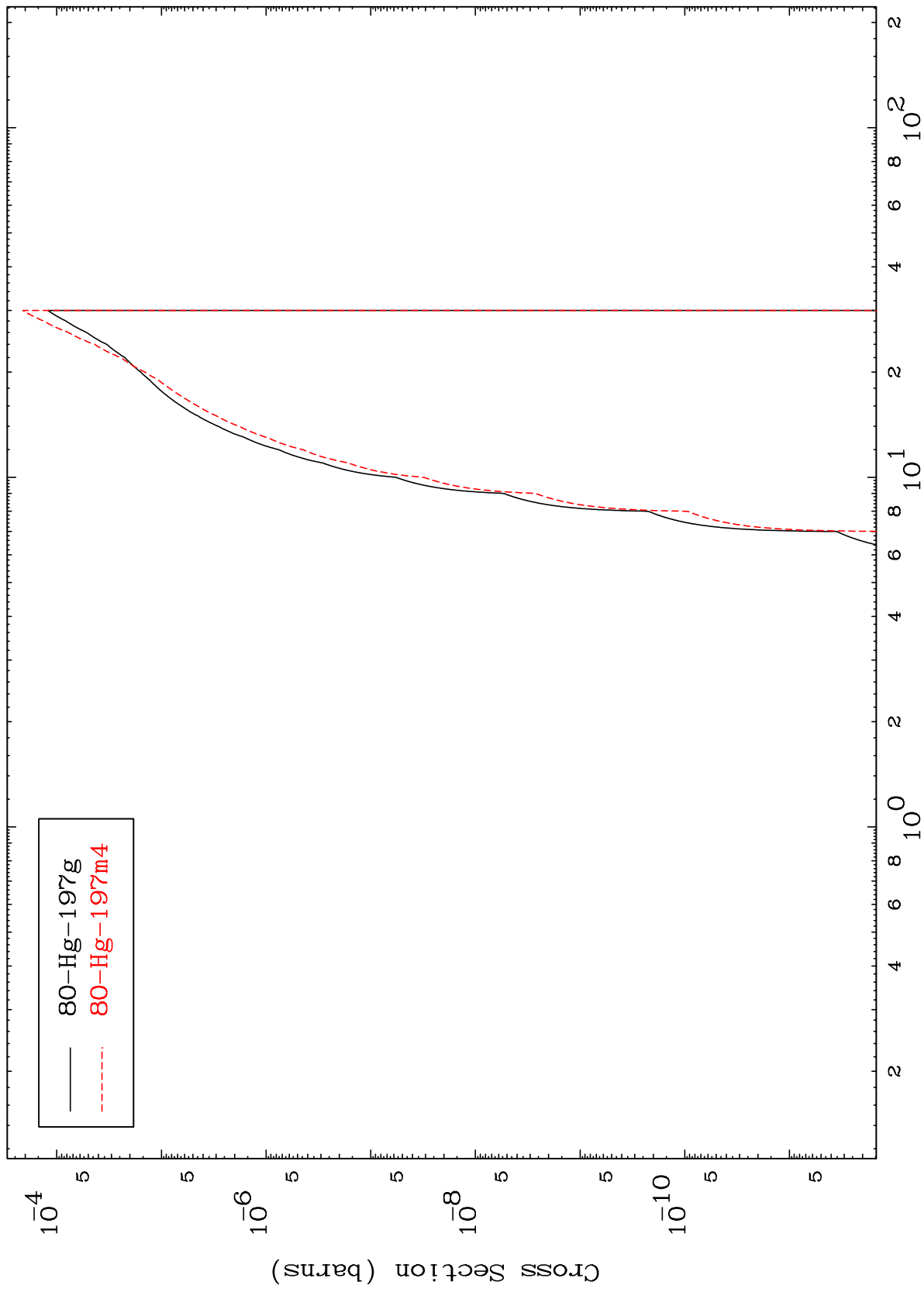
Incident Energy (MeV)

28

MAT 8107

81-Tl-197

(n,2p)
Radionuclide Production Cross Section

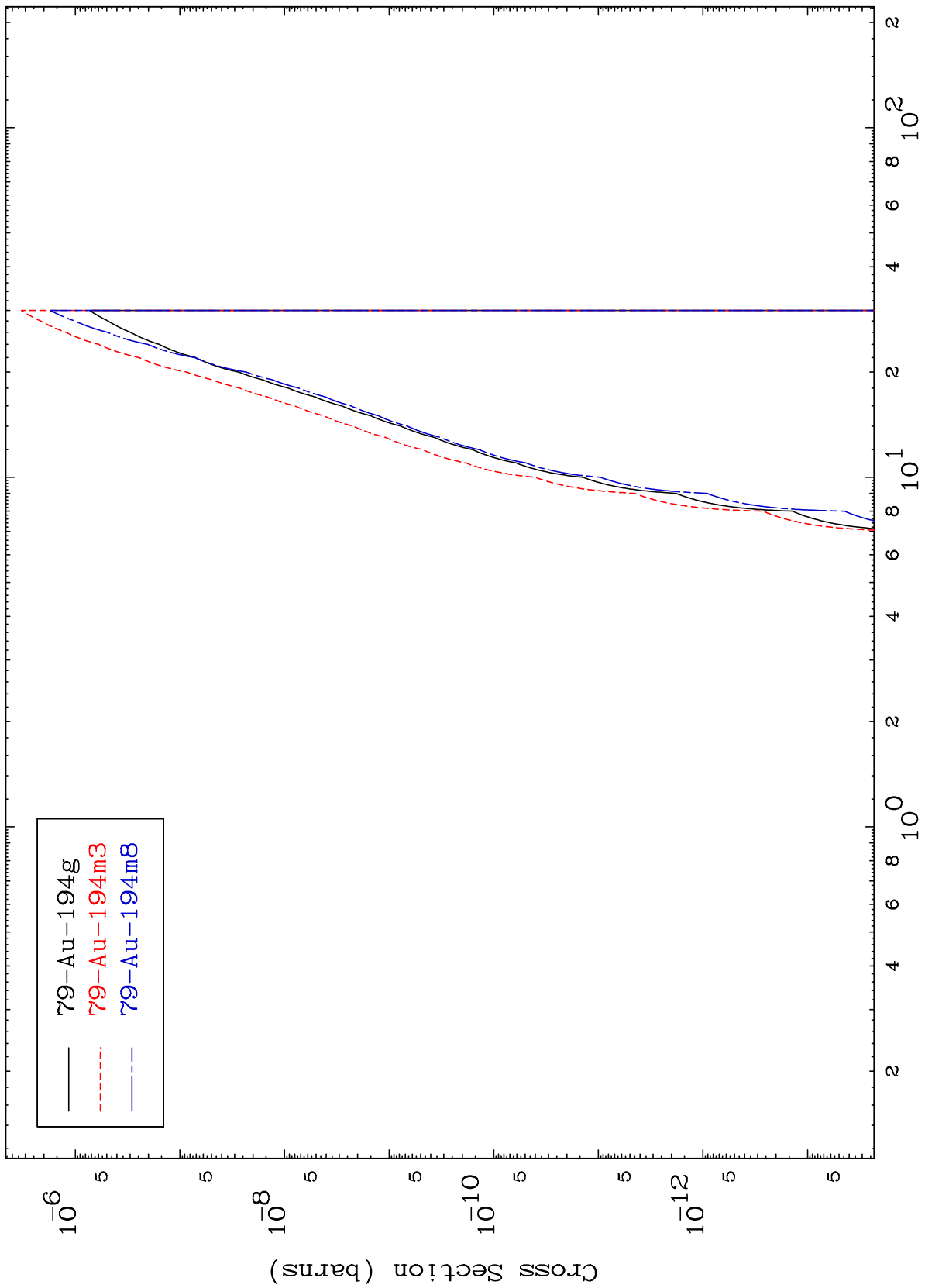


81-Tl-197

Incident Energy (MeV)

29

Radionuclide Production Cross Section

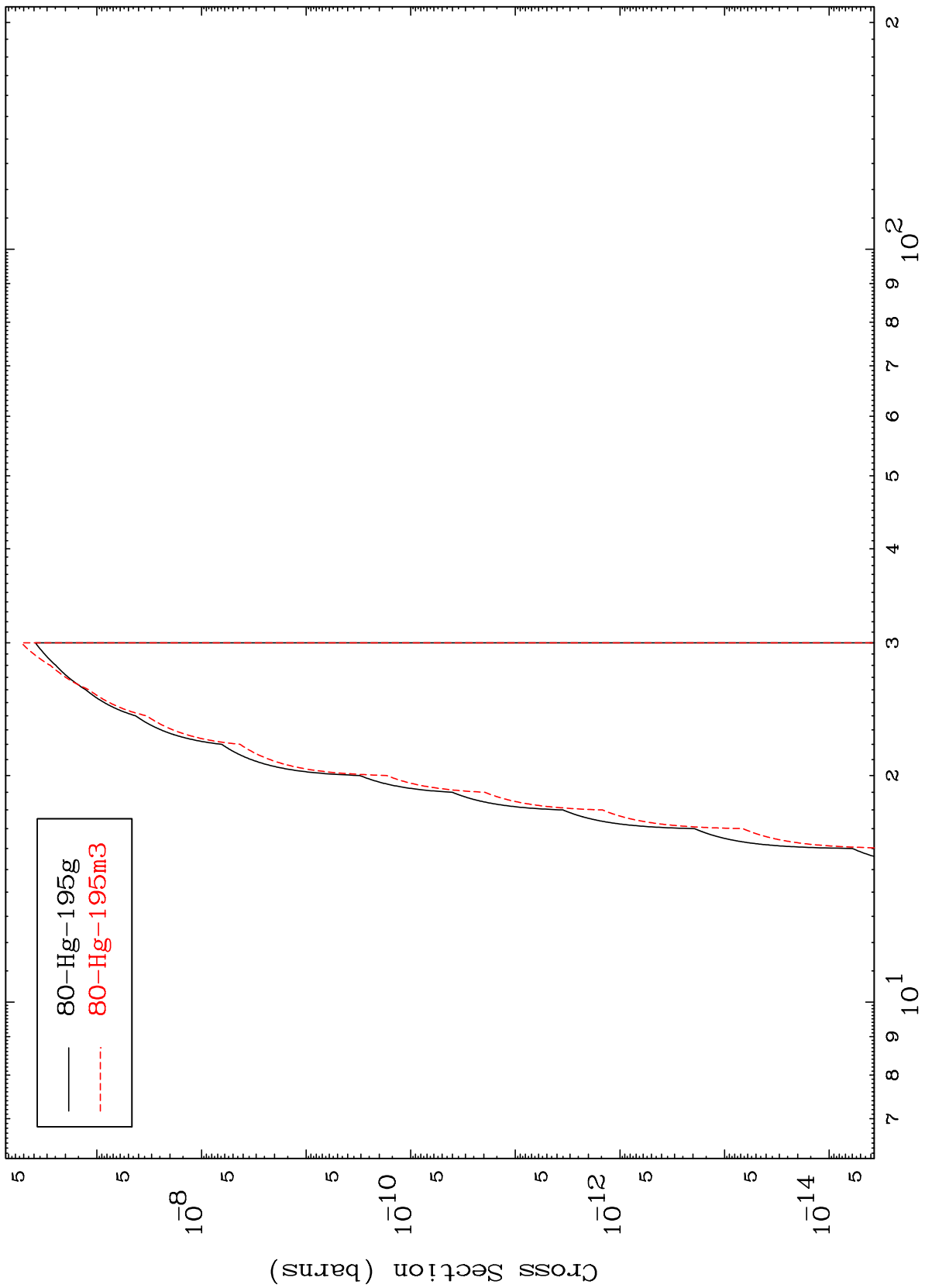


MAT 8107

(n,p) t

81-Tl-197

Radionuclide Production Cross Section



MAT 8107

(n,d) α

81-Tl-197

Radionuclide Production Cross Section

