

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

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

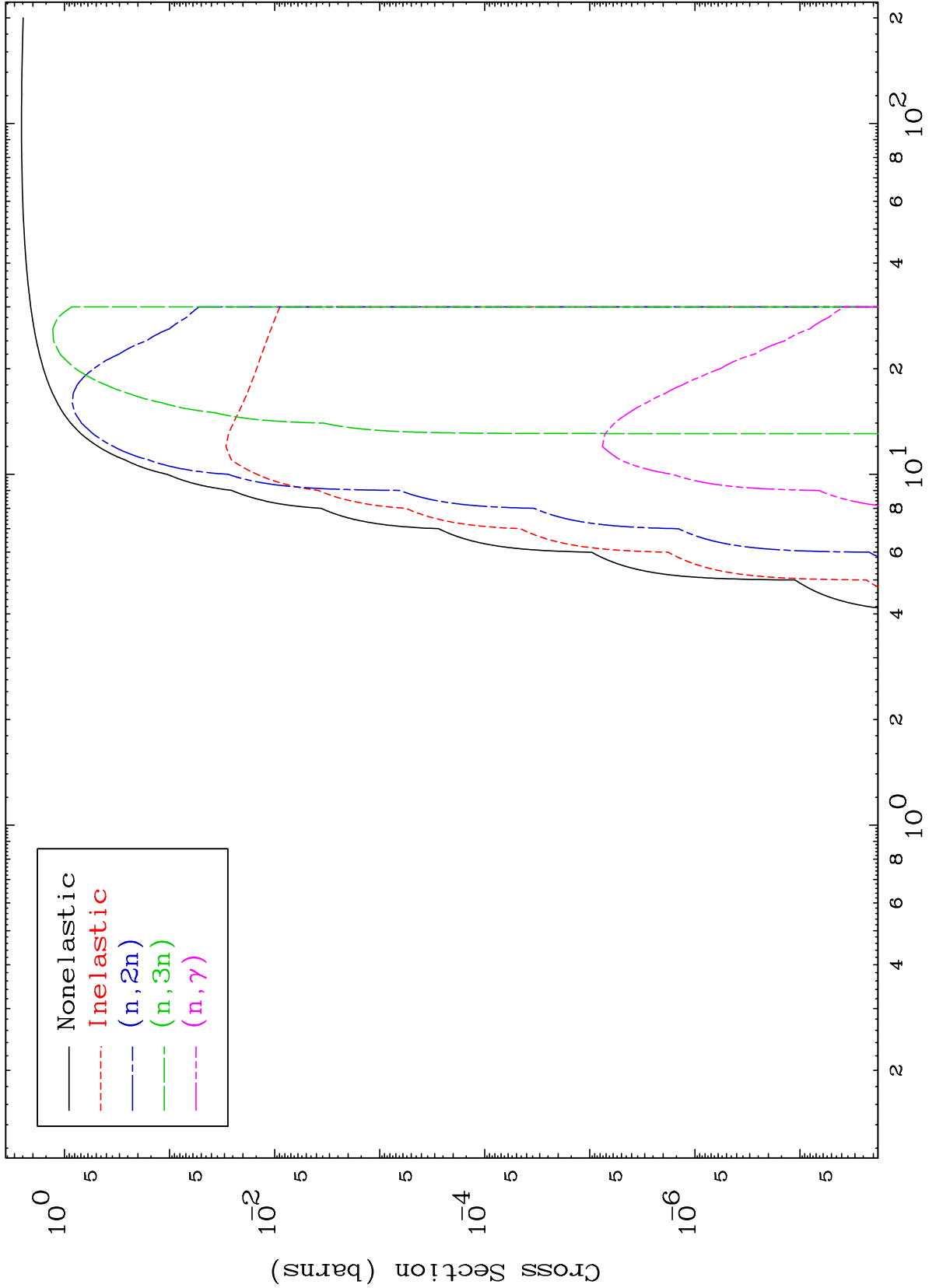
Tele: 925-443-1911

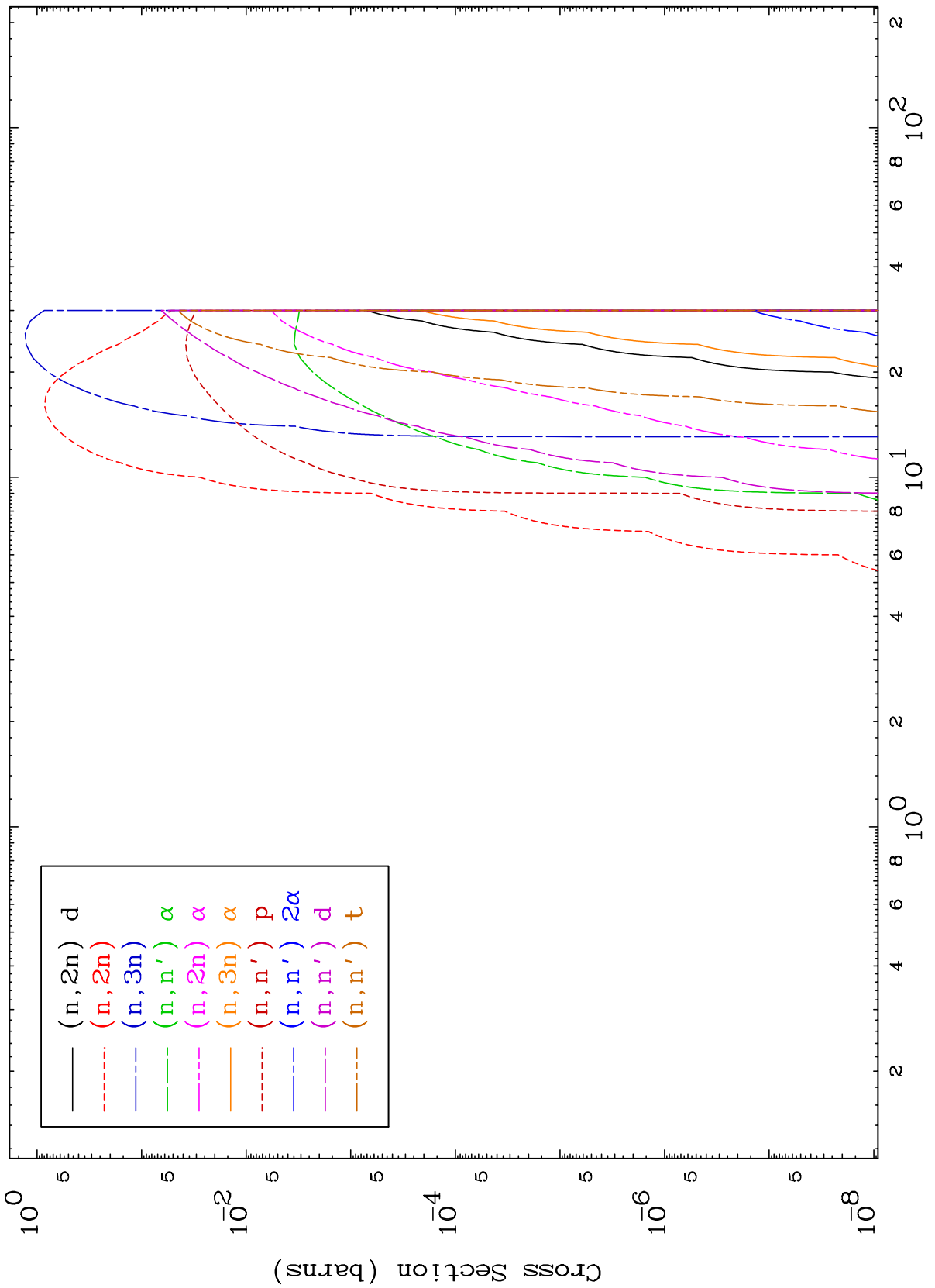
E.Mail:redcullen1@comcast.net

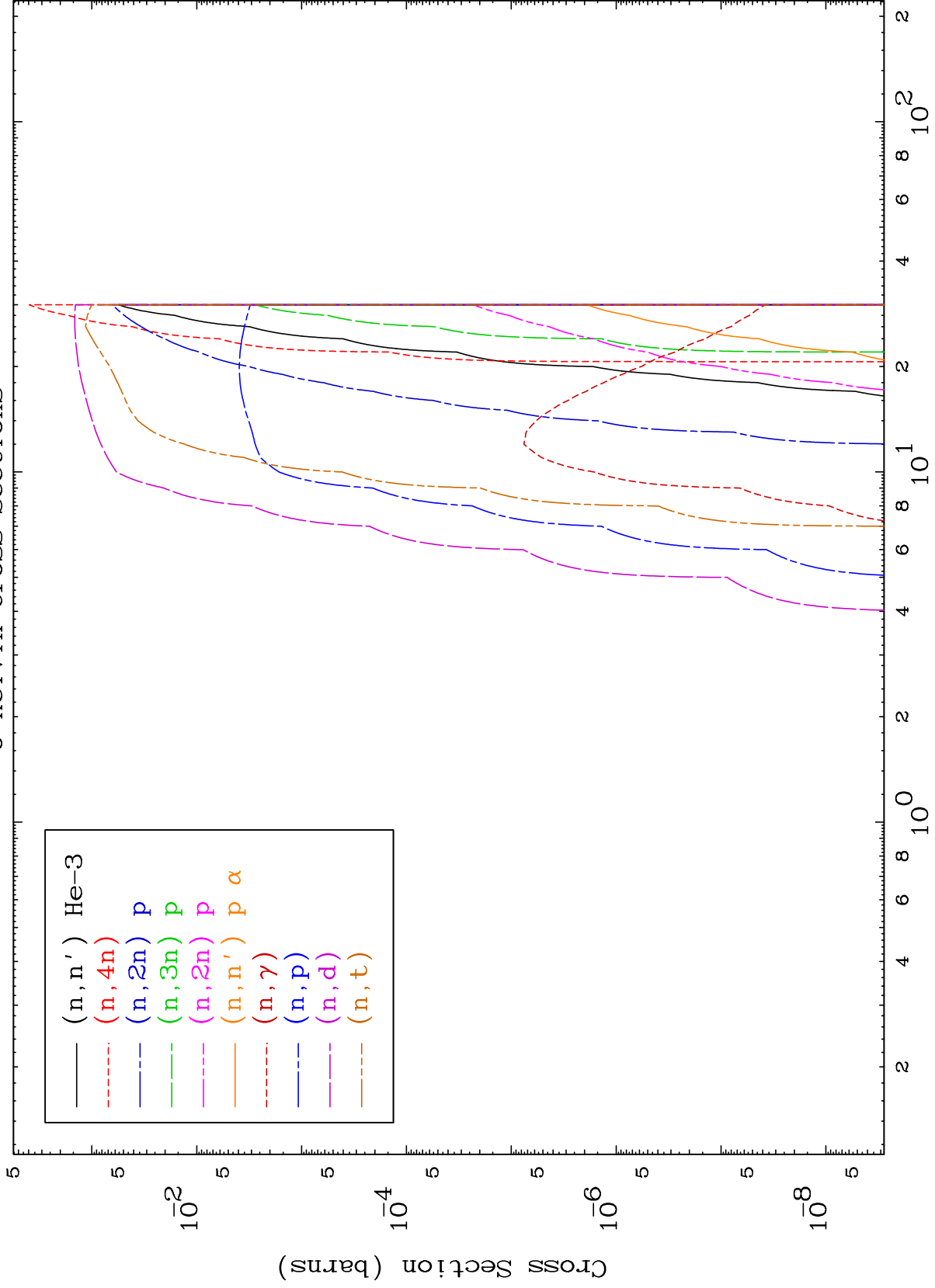
Web:redcullen1.net/HOMEPAGE.NEW

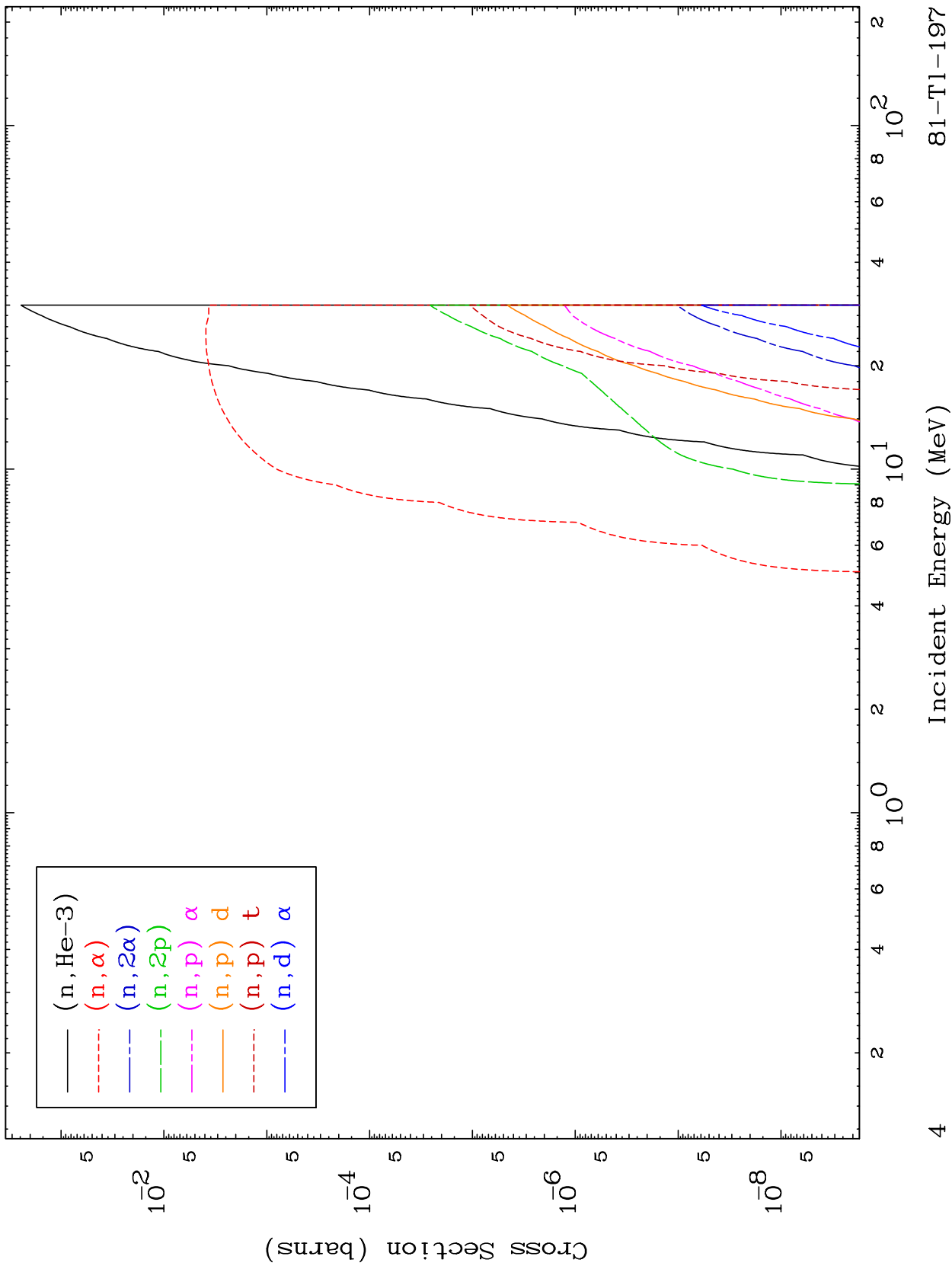
Press Mouse Button to Start

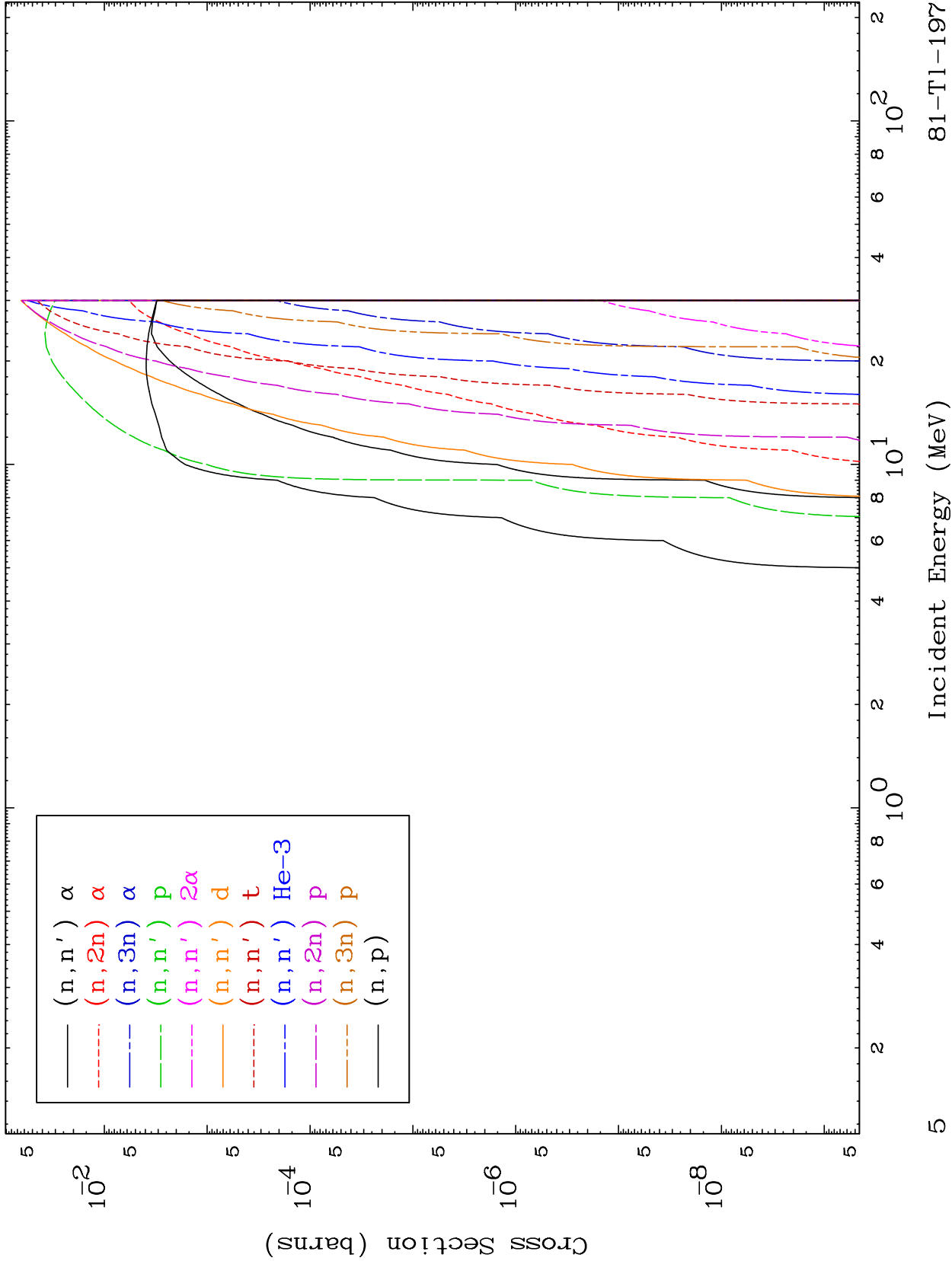
0 Kelvin Cross Sections

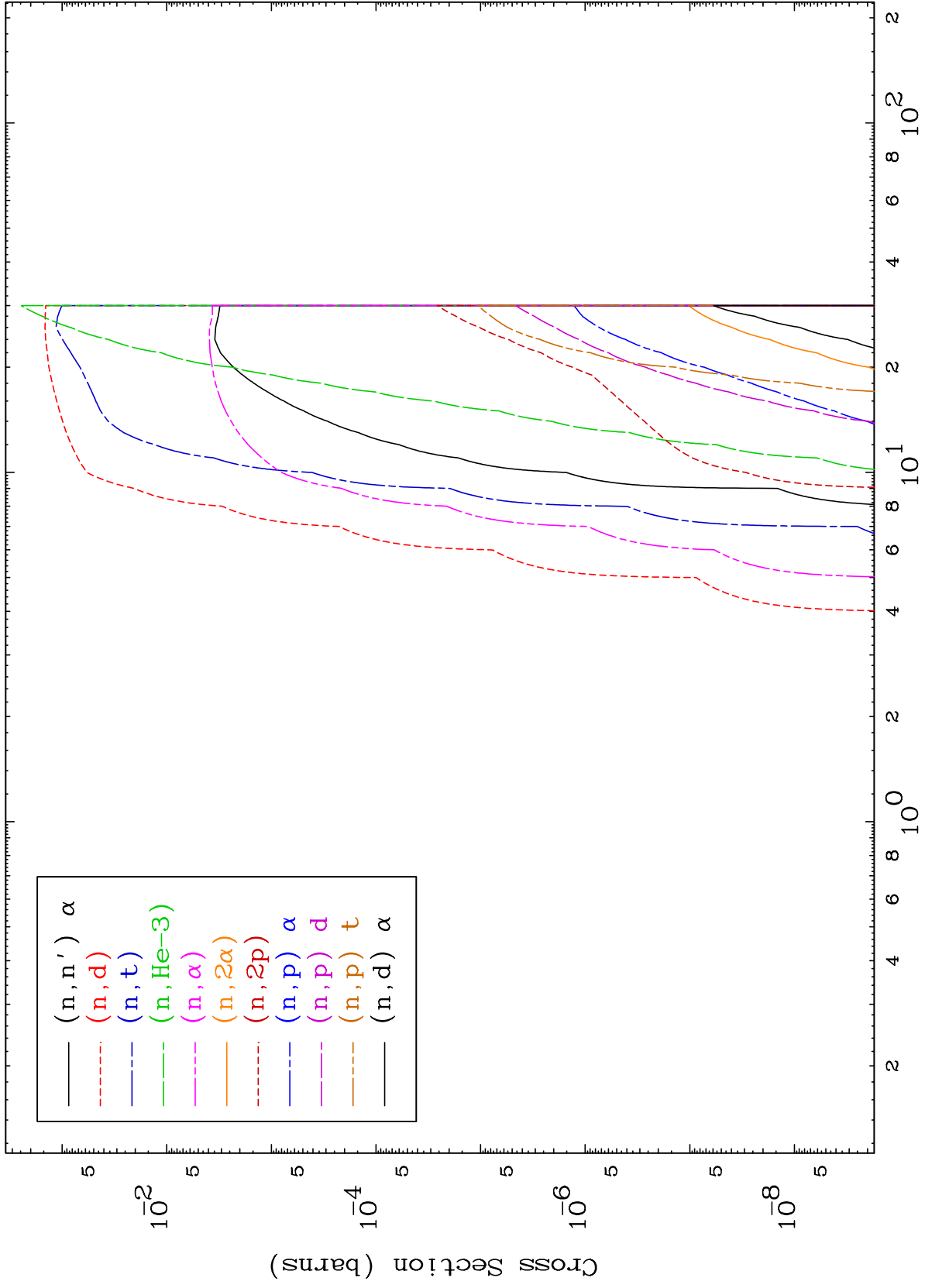










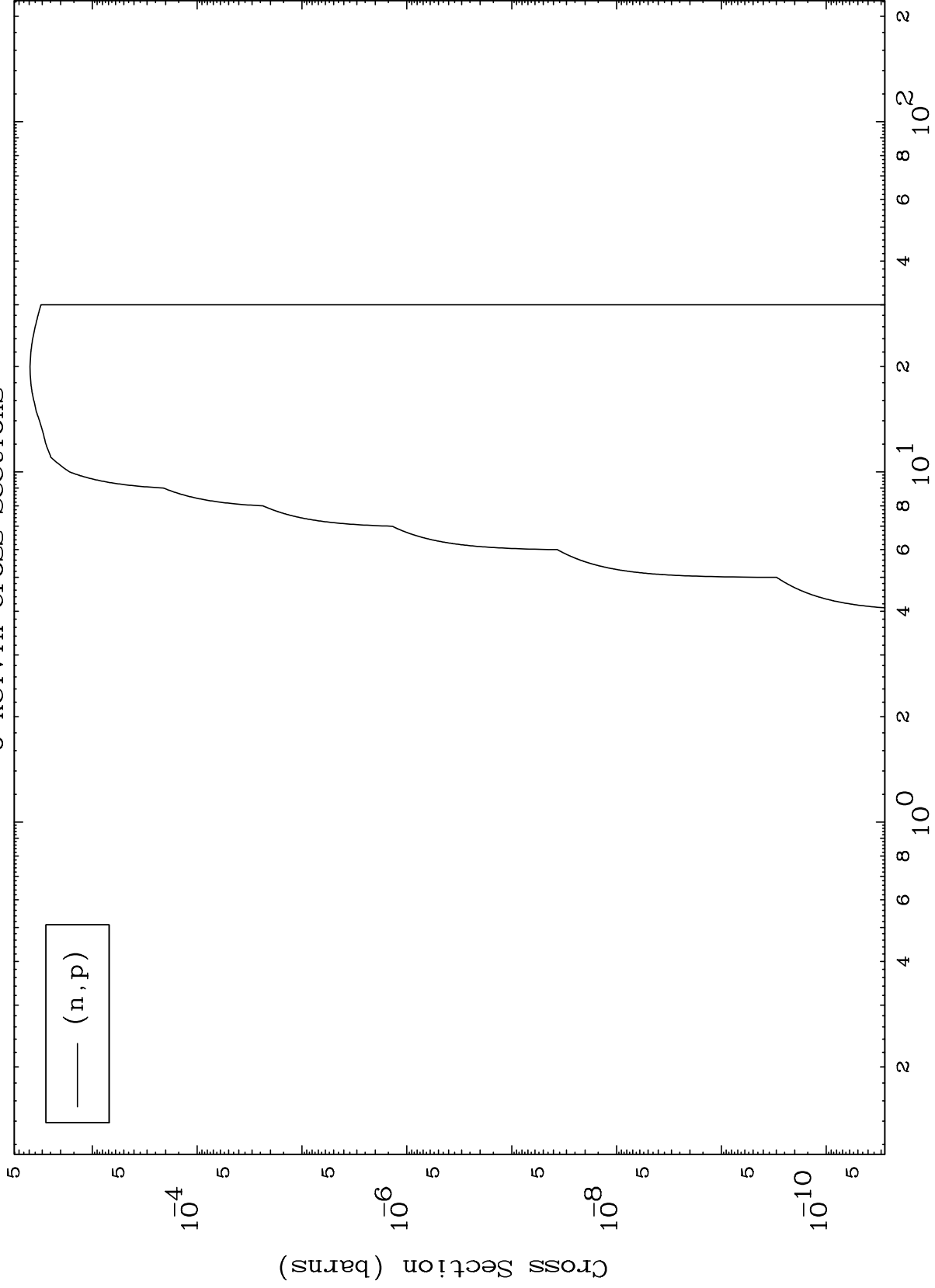


MAT 8107

(t,p) Levels

81-Tl-197

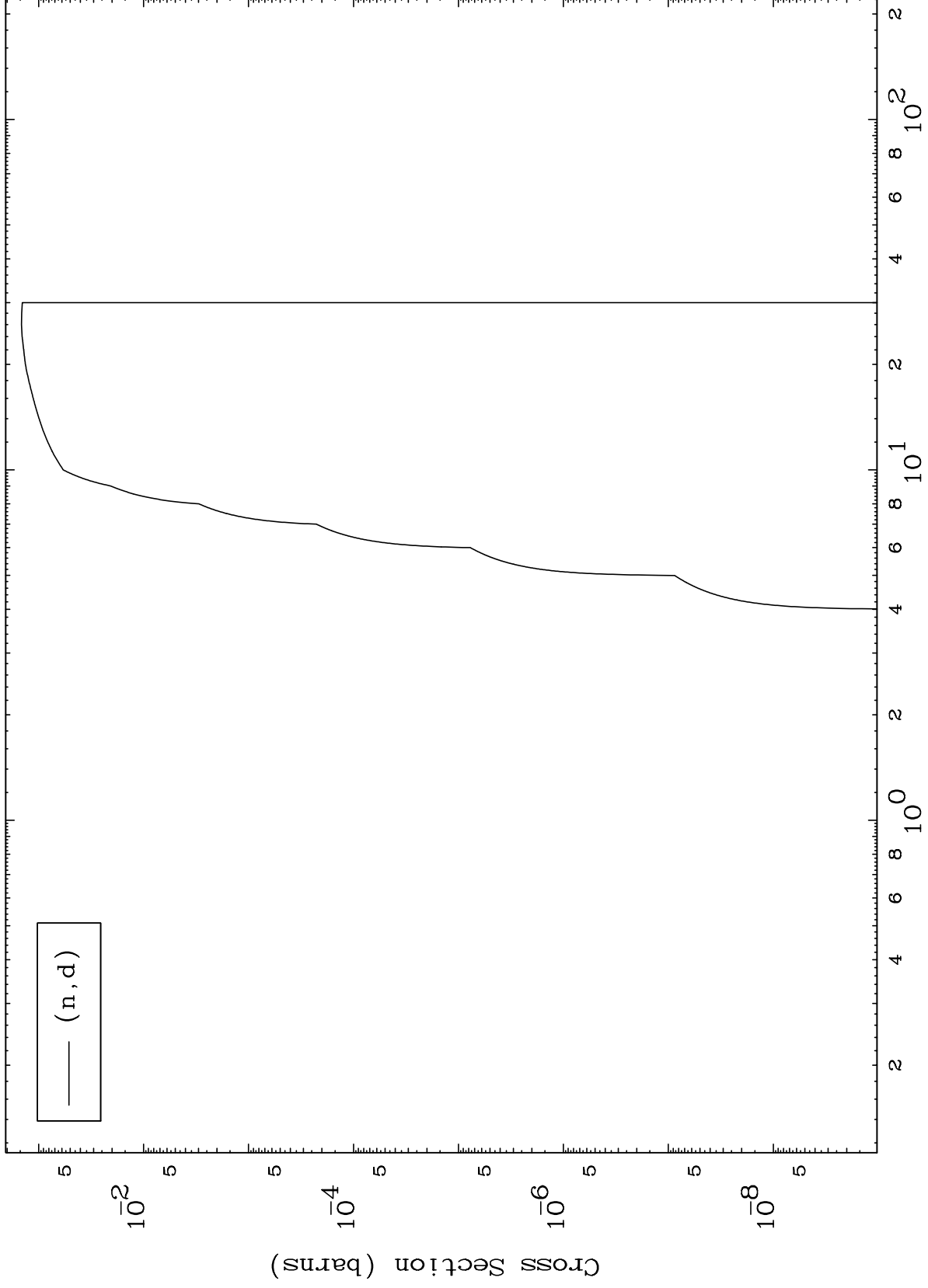
0 Kelvin Cross Sections



MAT 8107

(t,d) Levels
0 Kelvin Cross Sections

81-Tl-197

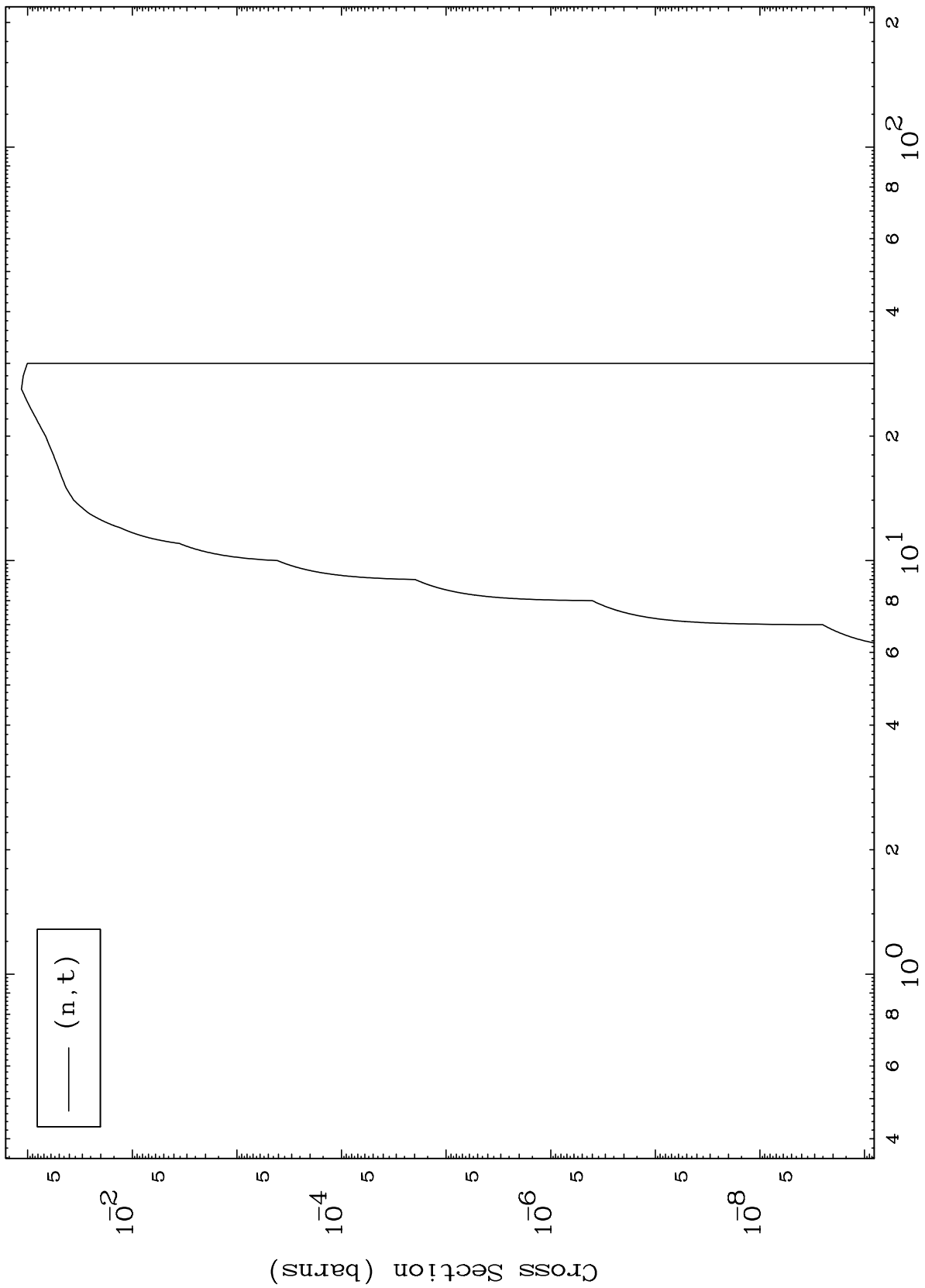


MAT 8107

(t, t) Levels

81-Tl-197

0 Kelvin Cross Sections



9

Incident Energy (MeV)

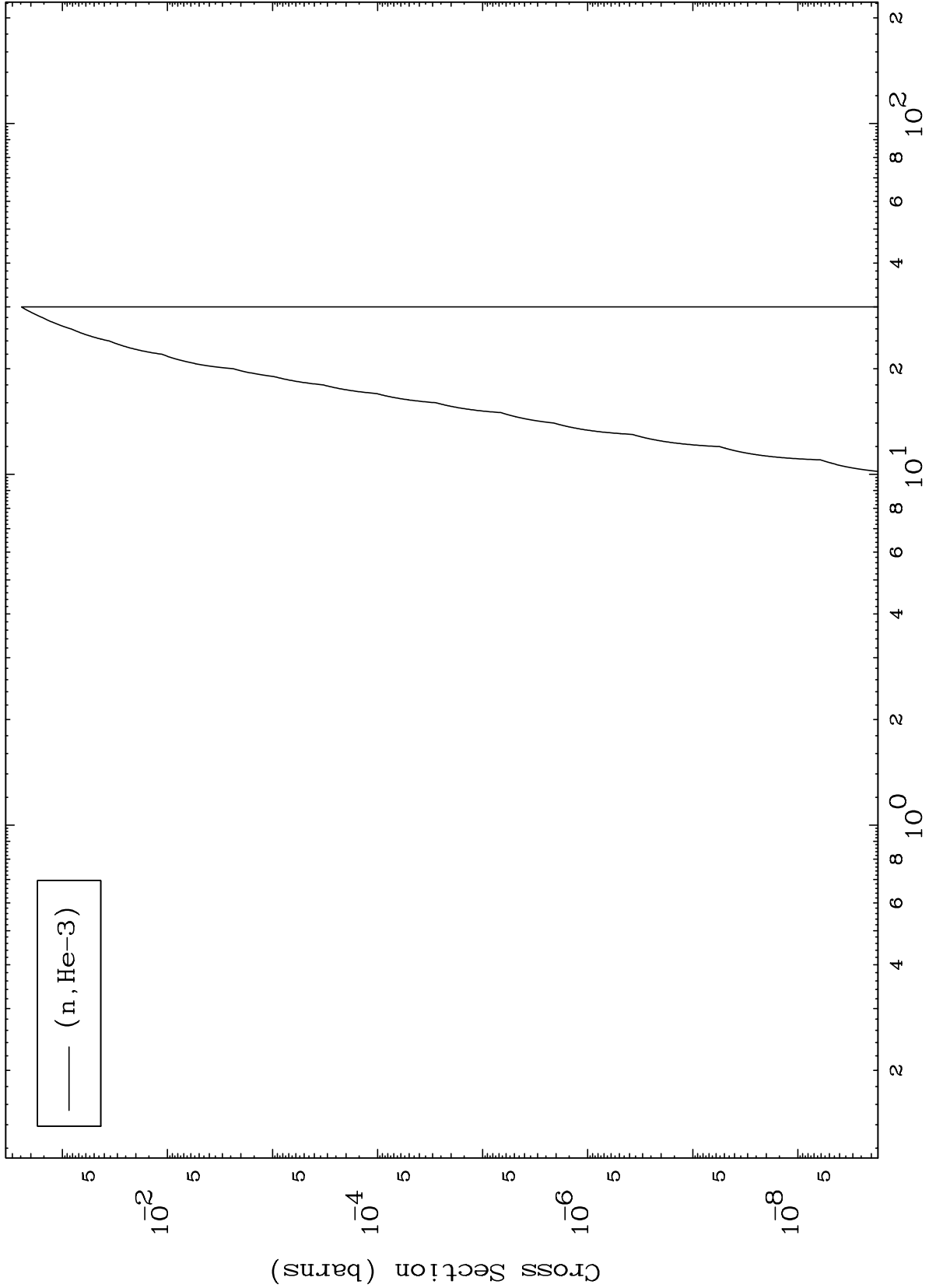
81-Tl-197

MAT 8107

(t,He3) Levels

81-Tl-197

0 Kelvin Cross Sections



10

Incident Energy (MeV)

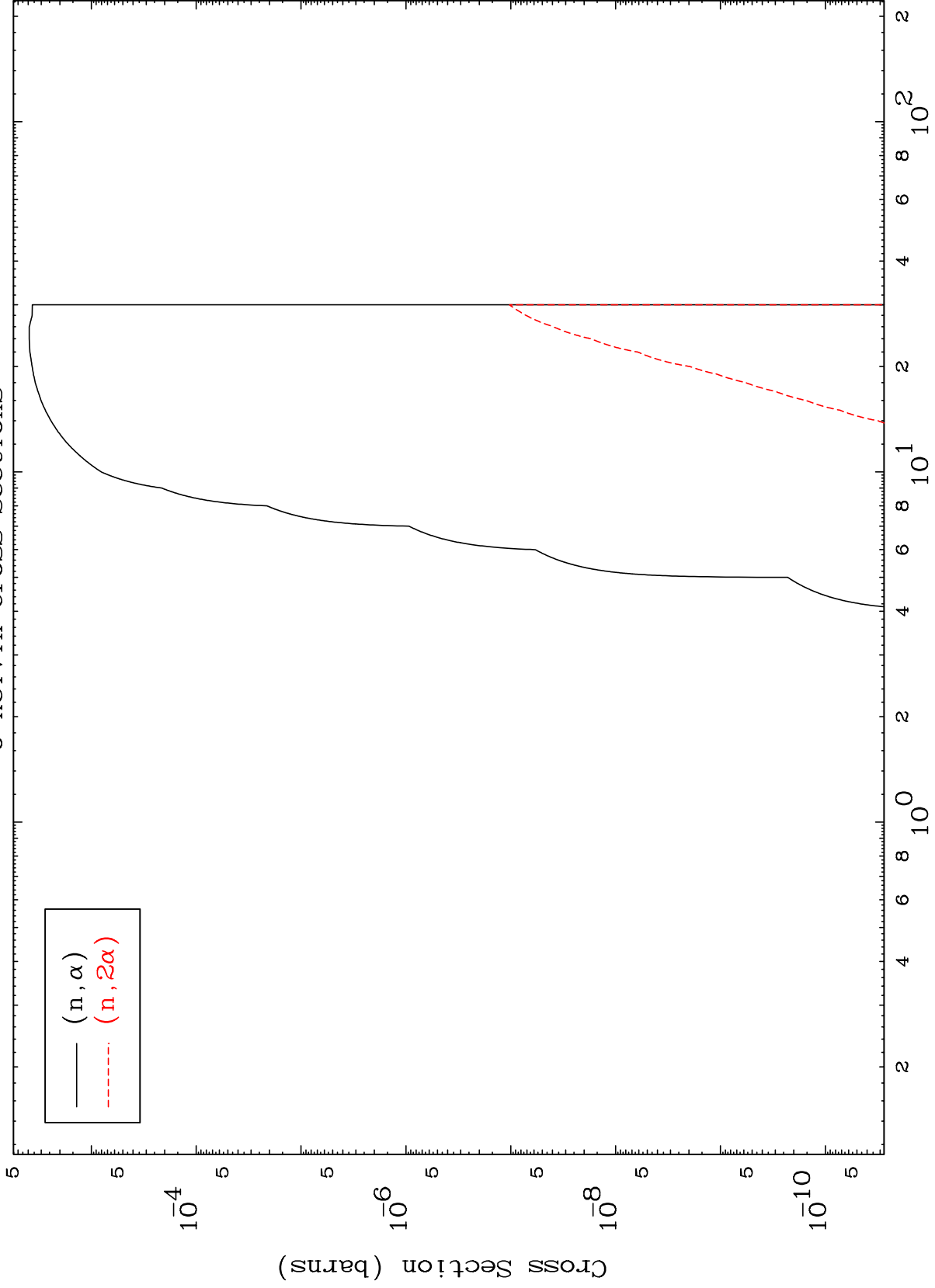
81-Tl-197

MAT 8107

(t, α) Levels

81-Tl-197

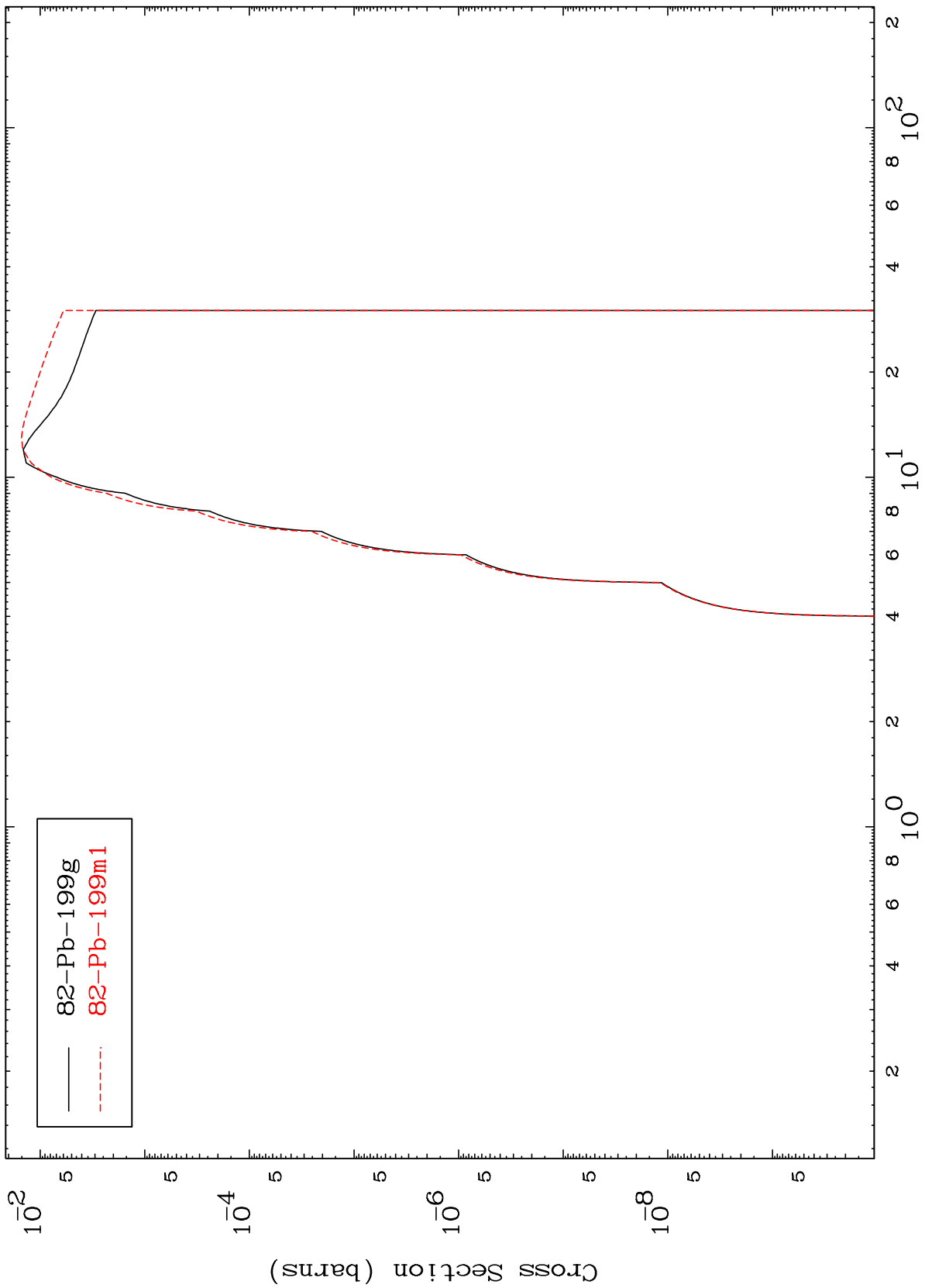
0 Kelvin Cross Sections



MAT 8107

81-Tl-197

Inelastic
Radionuclide Production Cross Section



82-Pb-199g
82-Pb-199m1

81-Tl-197

Incident Energy (MeV)

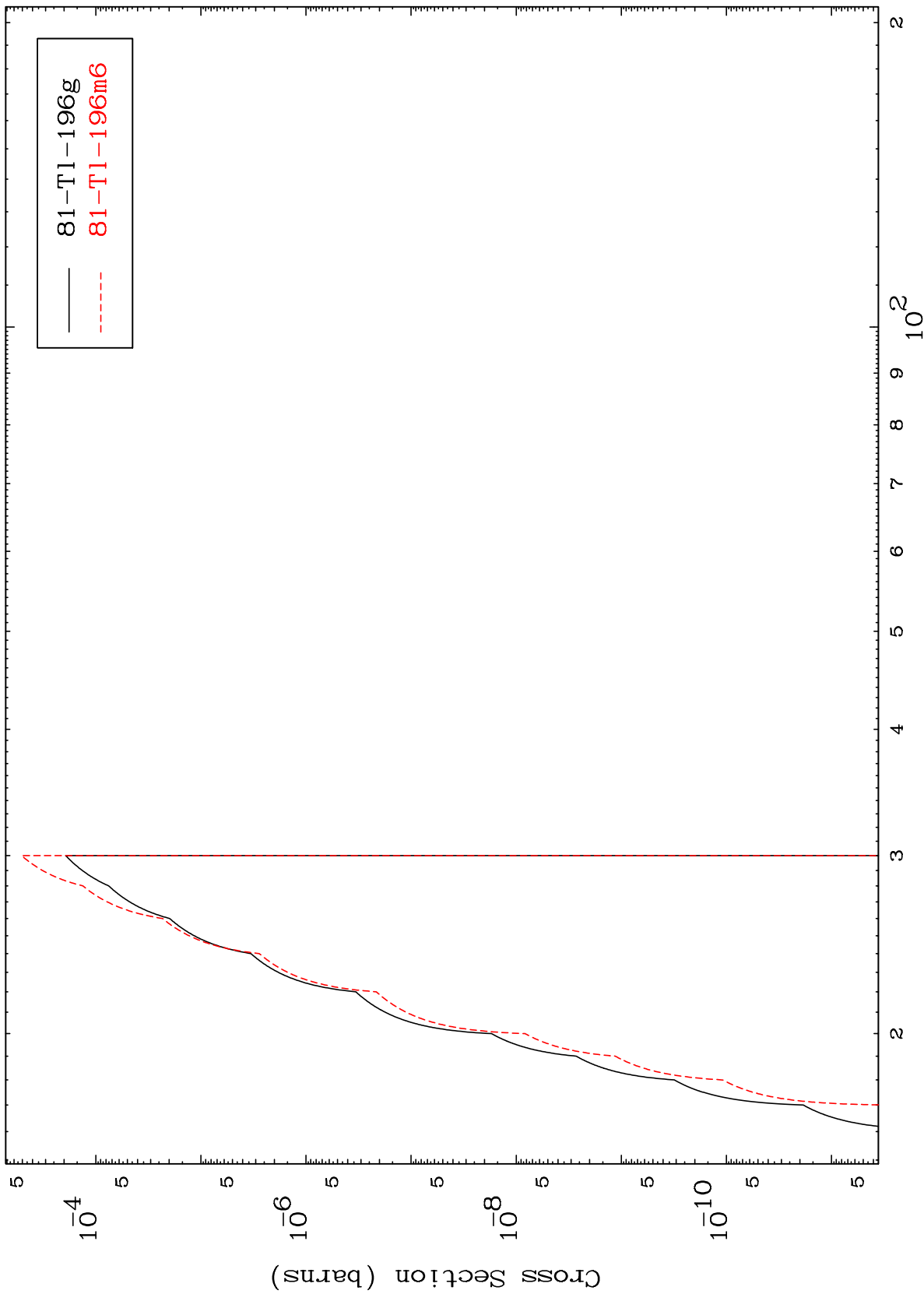
12

MAT 8107

(n,2n) d

81-Tl-197

Radionuclide Production Cross Section



81-Tl-196g
81-Tl-196m6

13

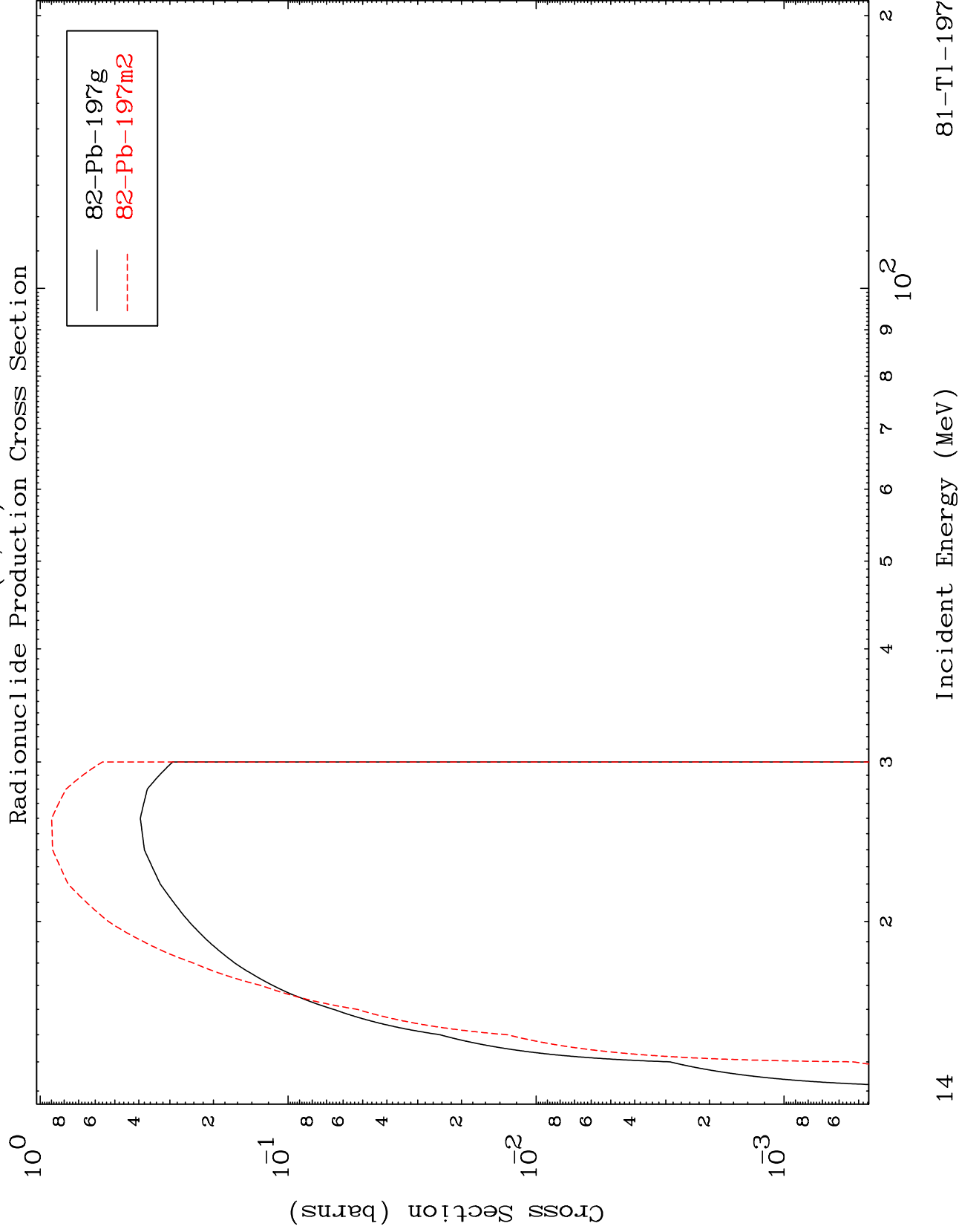
Incident Energy (MeV)

81-Tl-197

MAT 8107

(n,3n)

81-Tl-197



14

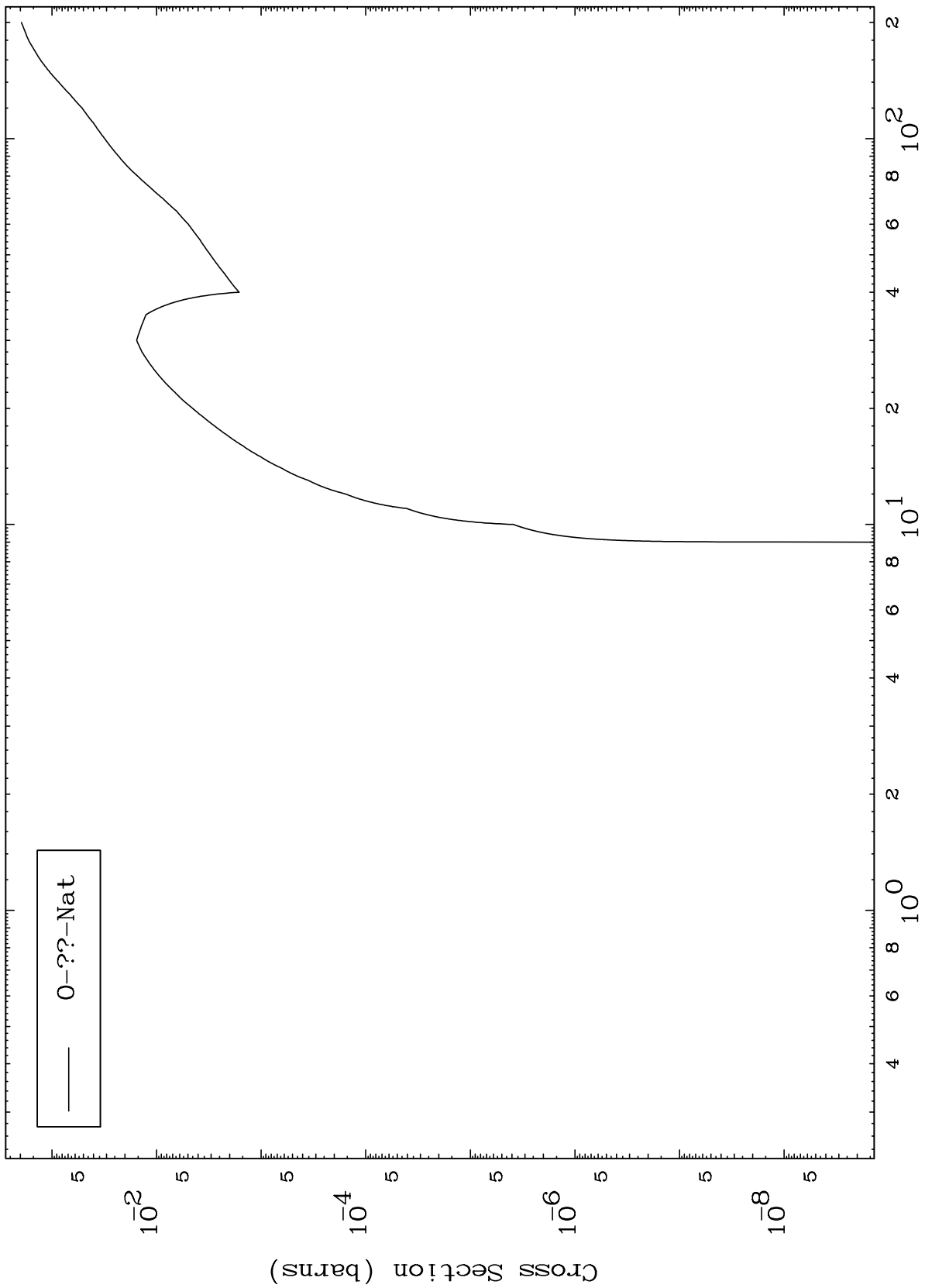
Incident Energy (MeV)

81-Tl-197

MAT 8107

81-Tl-197

Fission
Radionuclide Production Cross Section

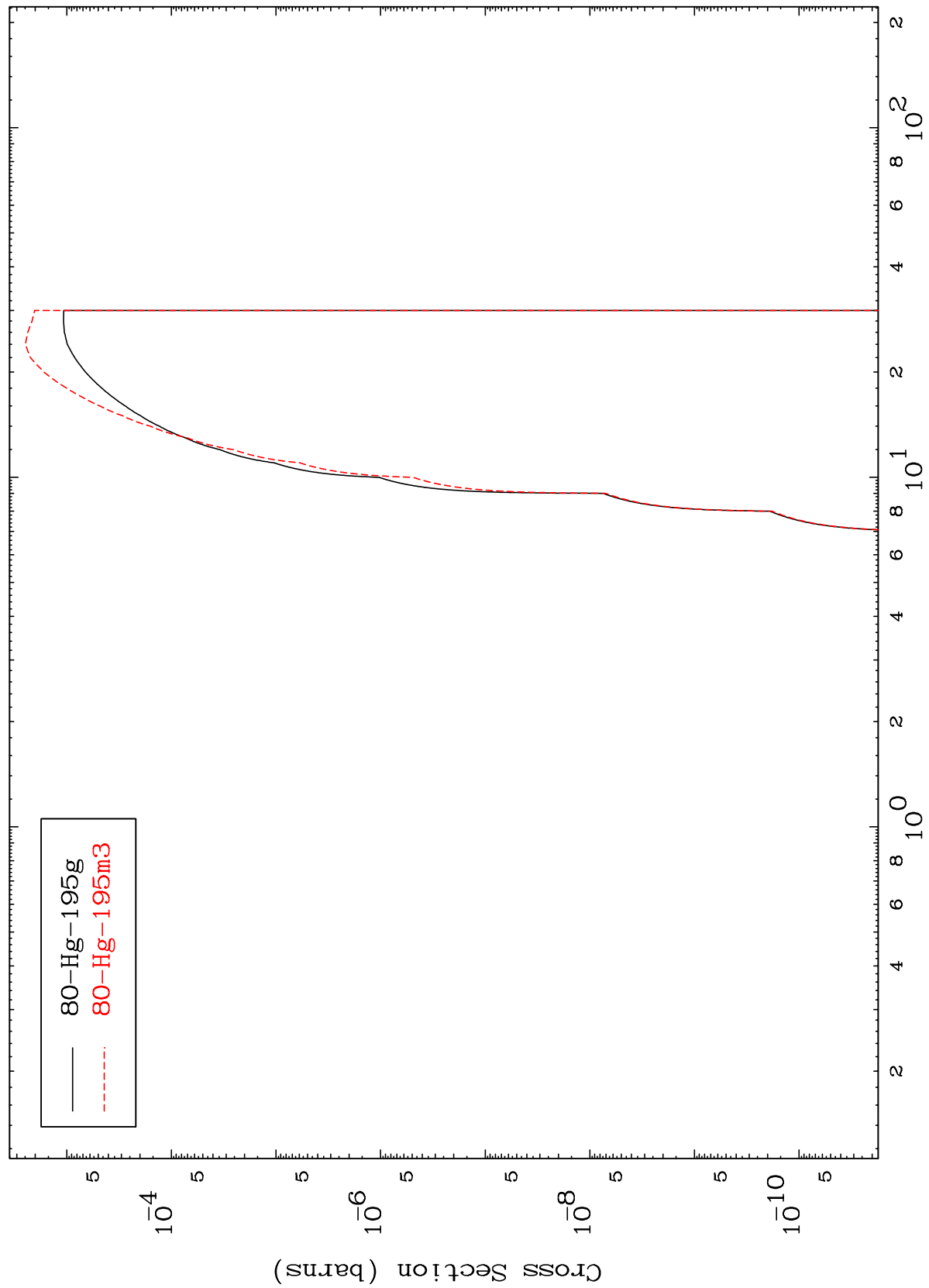


MAT 8107

$(n, n') \alpha$

81-Tl-197

Radionuclide Production Cross Section



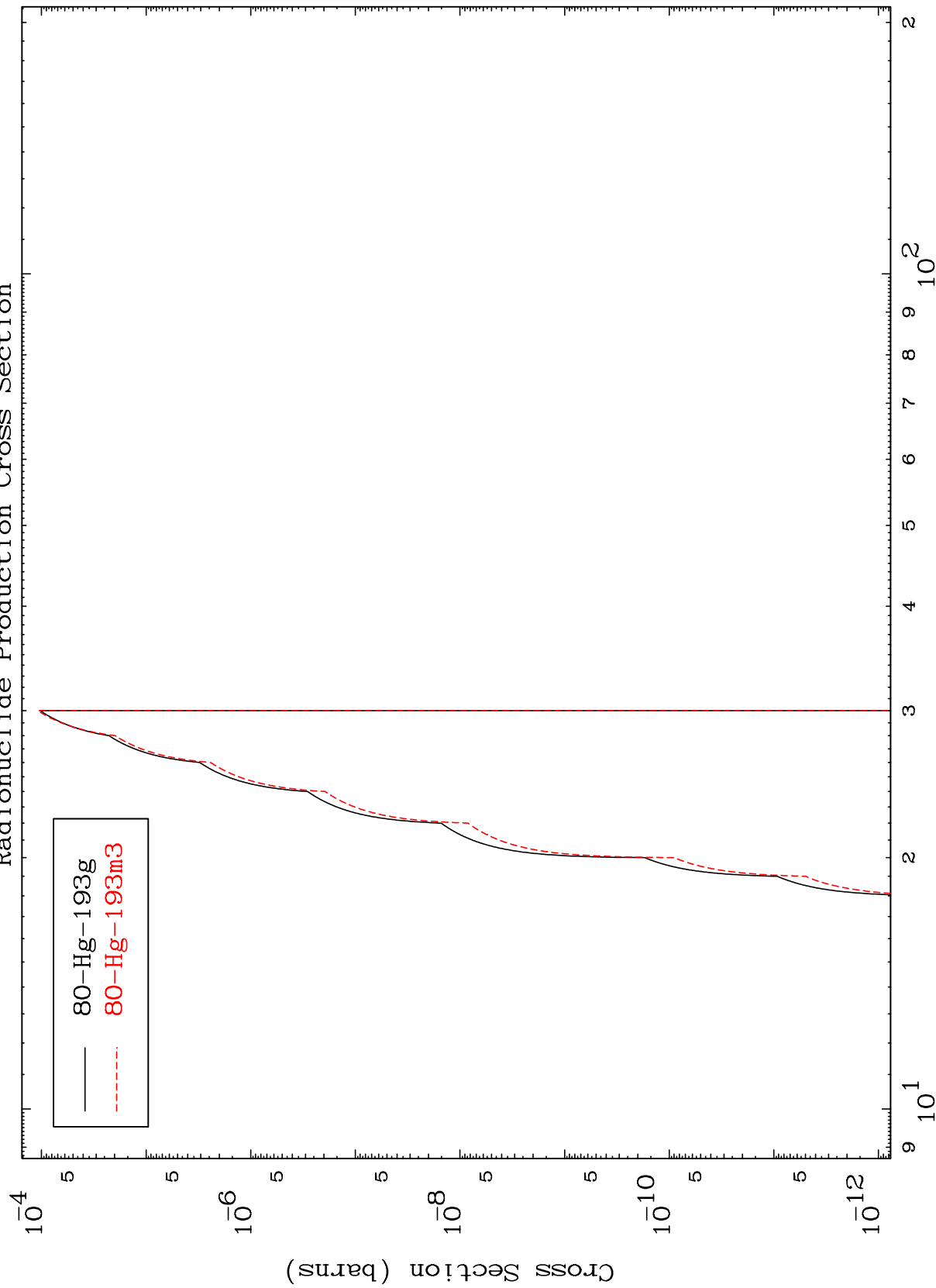
80-Hg-195g
80-Hg-195m3

MAT 8107

(n,3n) α

81-Tl-197

Radionuclide Production Cross Section



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

Incident Energy (MeV)

81-Tl-197

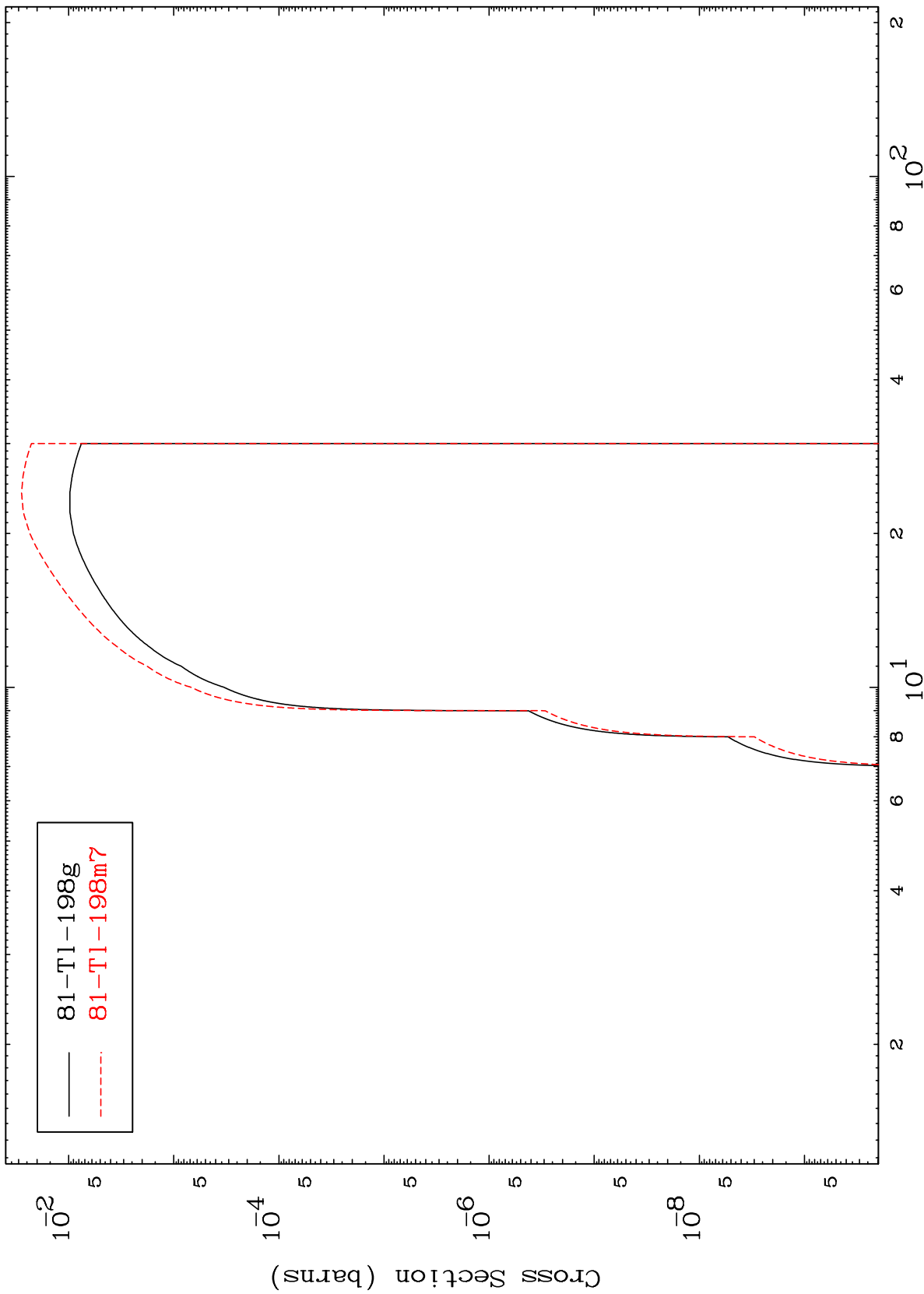
17

MAT 8107

(n,n') p

81-Tl-197

Radionuclide Production Cross Section

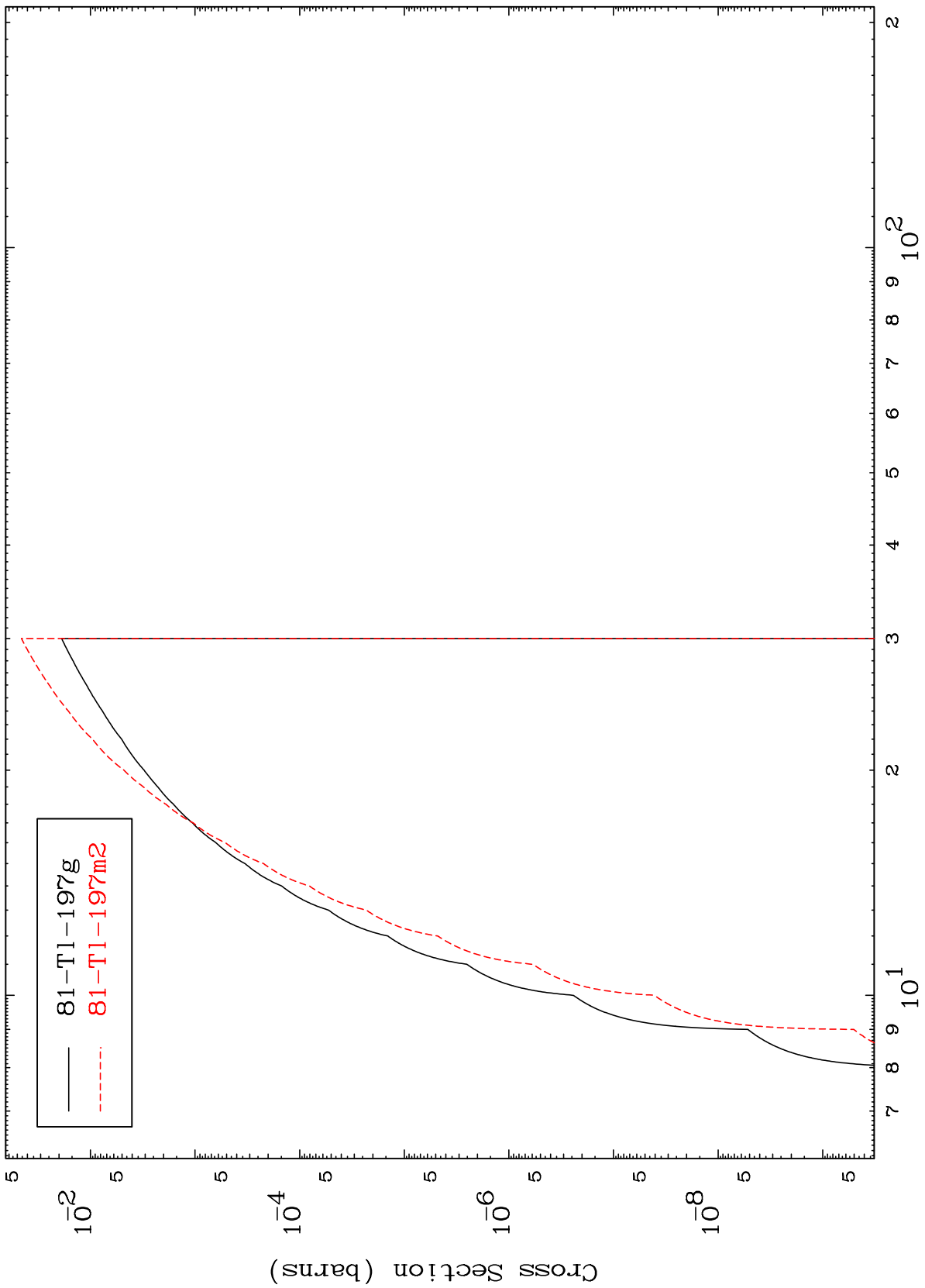


MAT 8107

(n,n') d

81-Tl-197

Radionuclide Production Cross Section



19

81-Tl-197

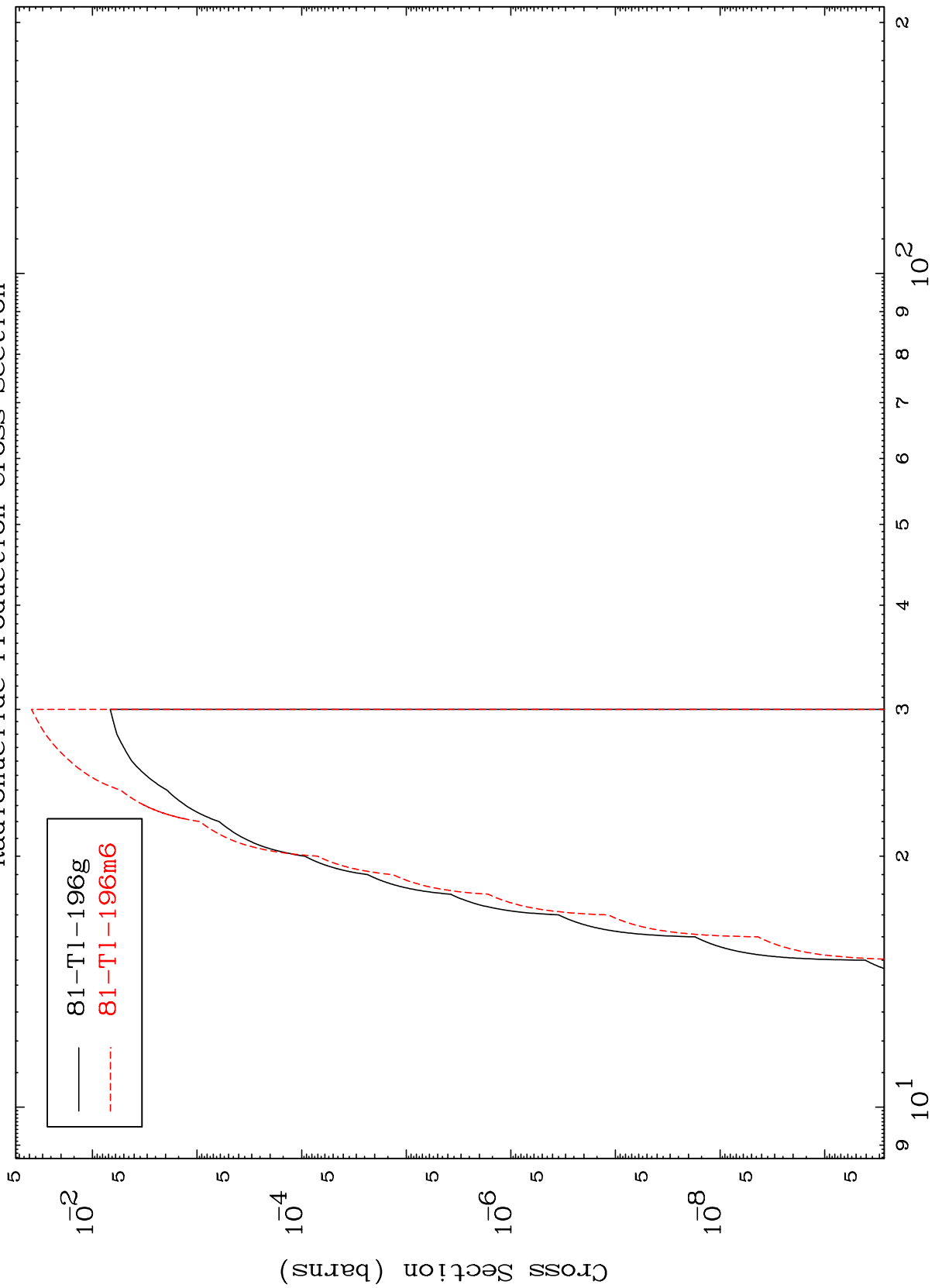
81-Tl-197

MAT 8107

(n,n') t

81-Tl-197

Radionuclide Production Cross Section



81-Tl-196g
81-Tl-196m6

Incident Energy (MeV)

81-Tl-197

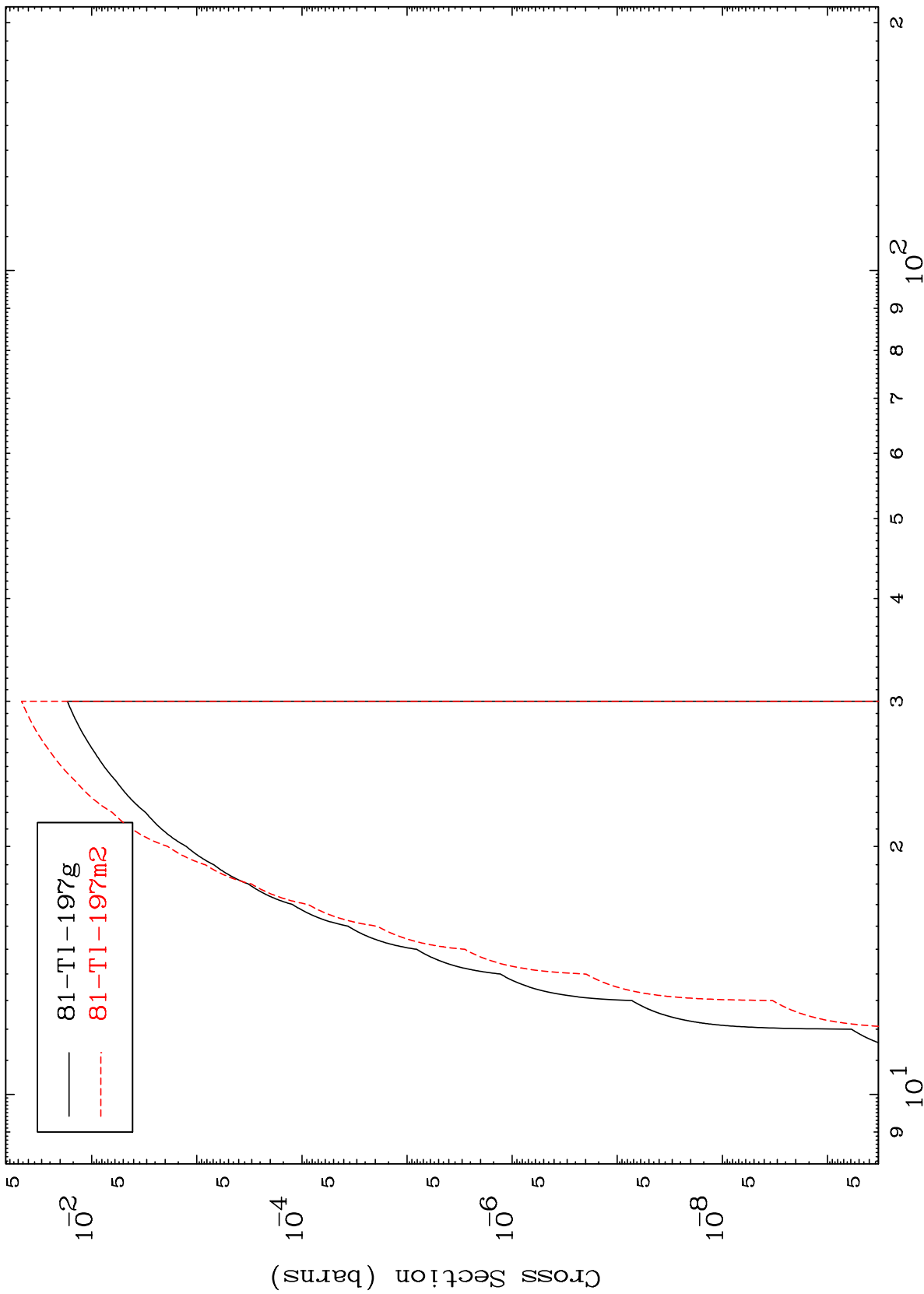
20

MAT 8107

(n,2n) p

81-Tl-197

Radionuclide Production Cross Section

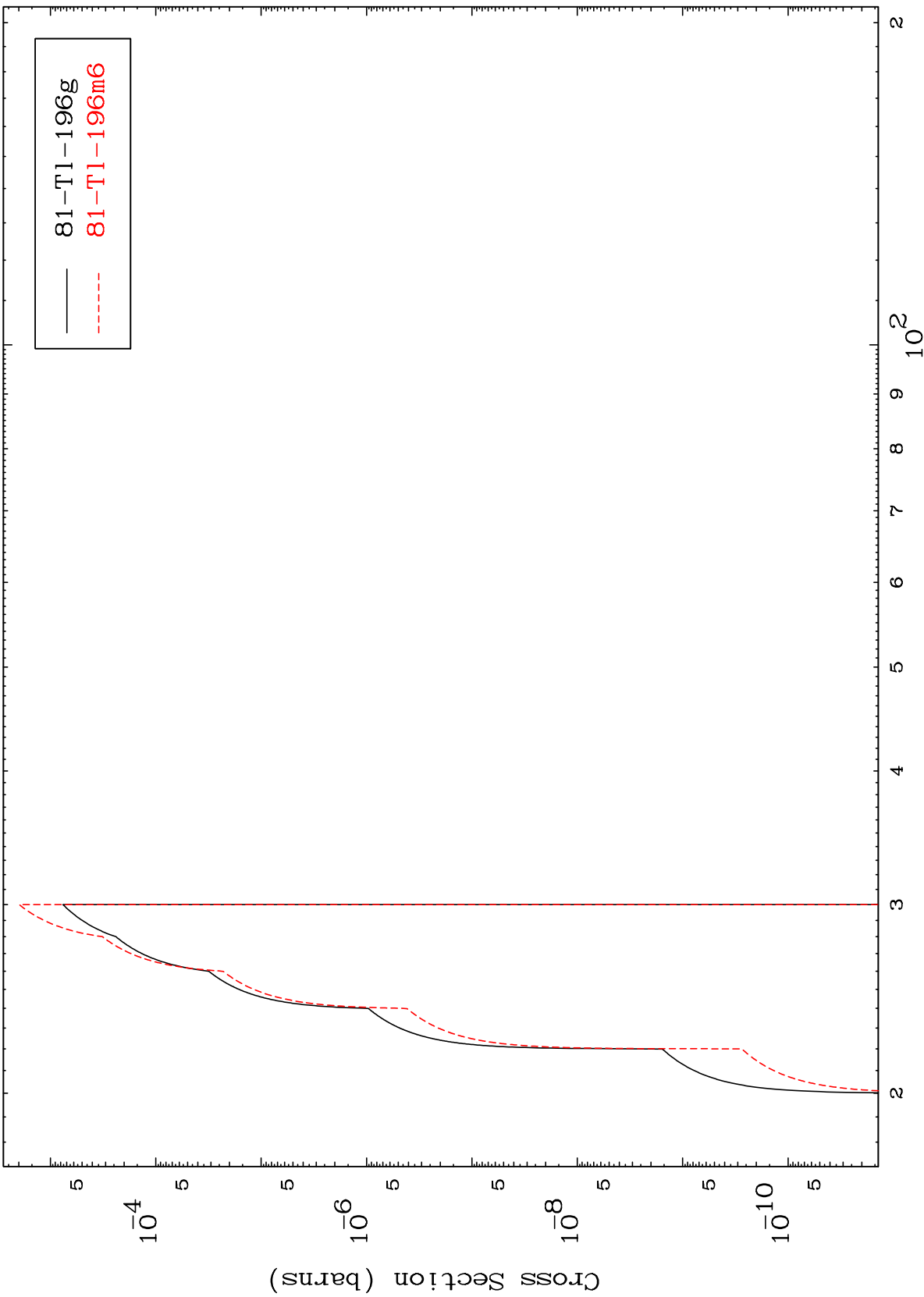


Incident Energy (MeV)

81-Tl-197

21

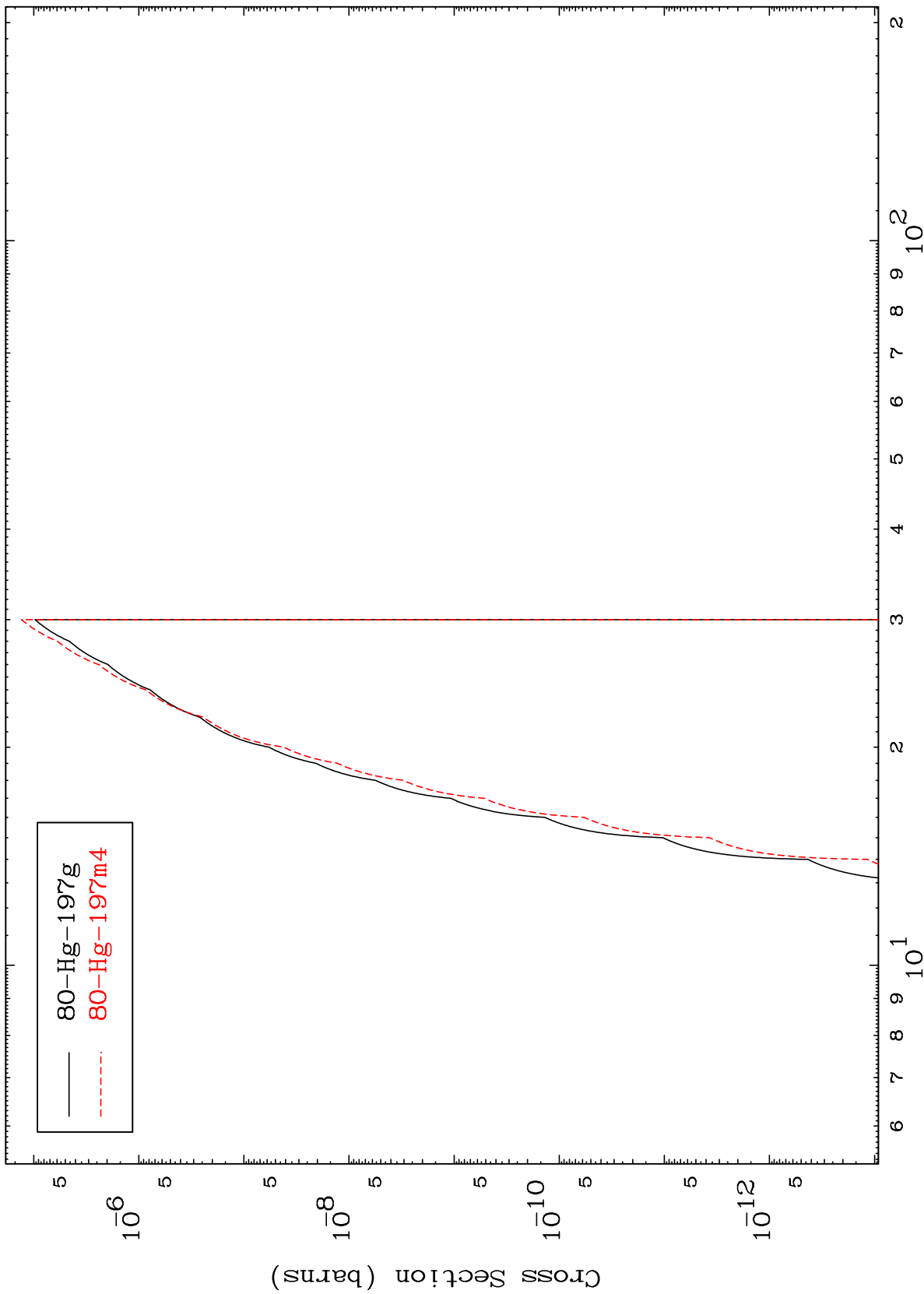
Radionuclide Production Cross Section



MAT 8107

81-Tl-197

(n,2n) p
Radionuclide Production Cross Section



Incident Energy (MeV)

81-Tl-197

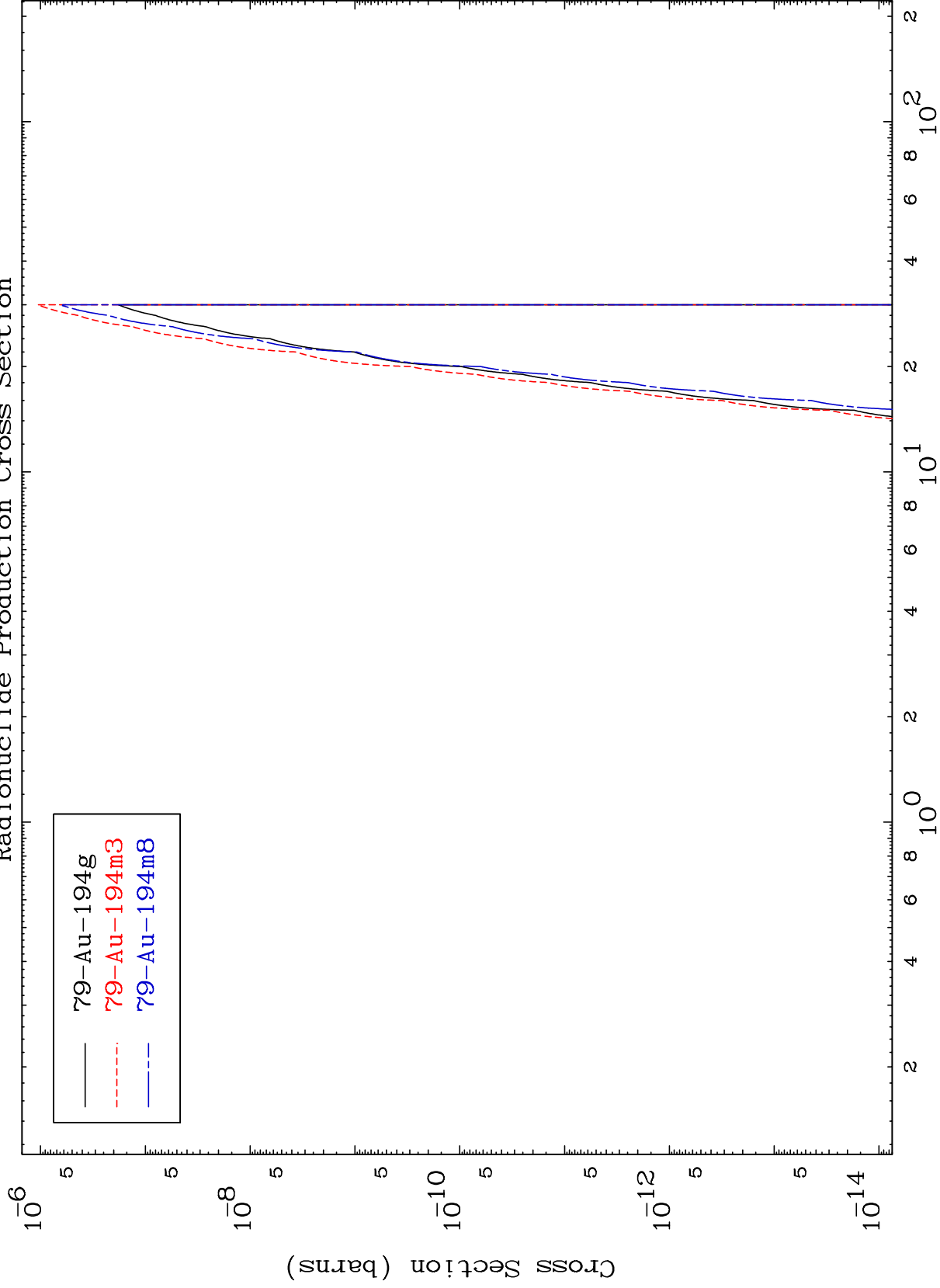
23

MAT 8107

(n,n') p α

81-Tl-197

Radionuclide Production Cross Section



24

Incident Energy (MeV)

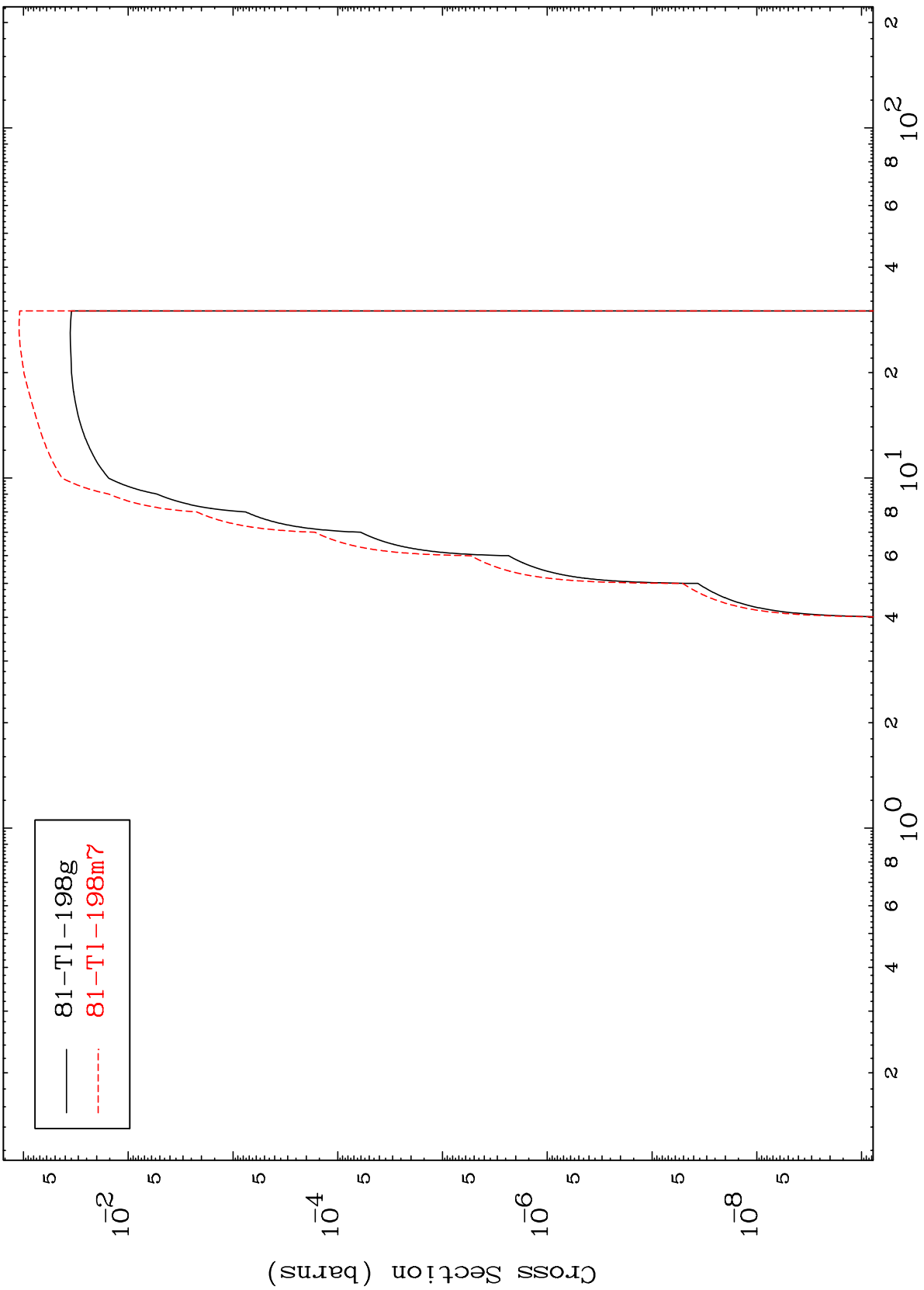
81-Tl-197

MAT 8107

(n,d)

81-Tl-197

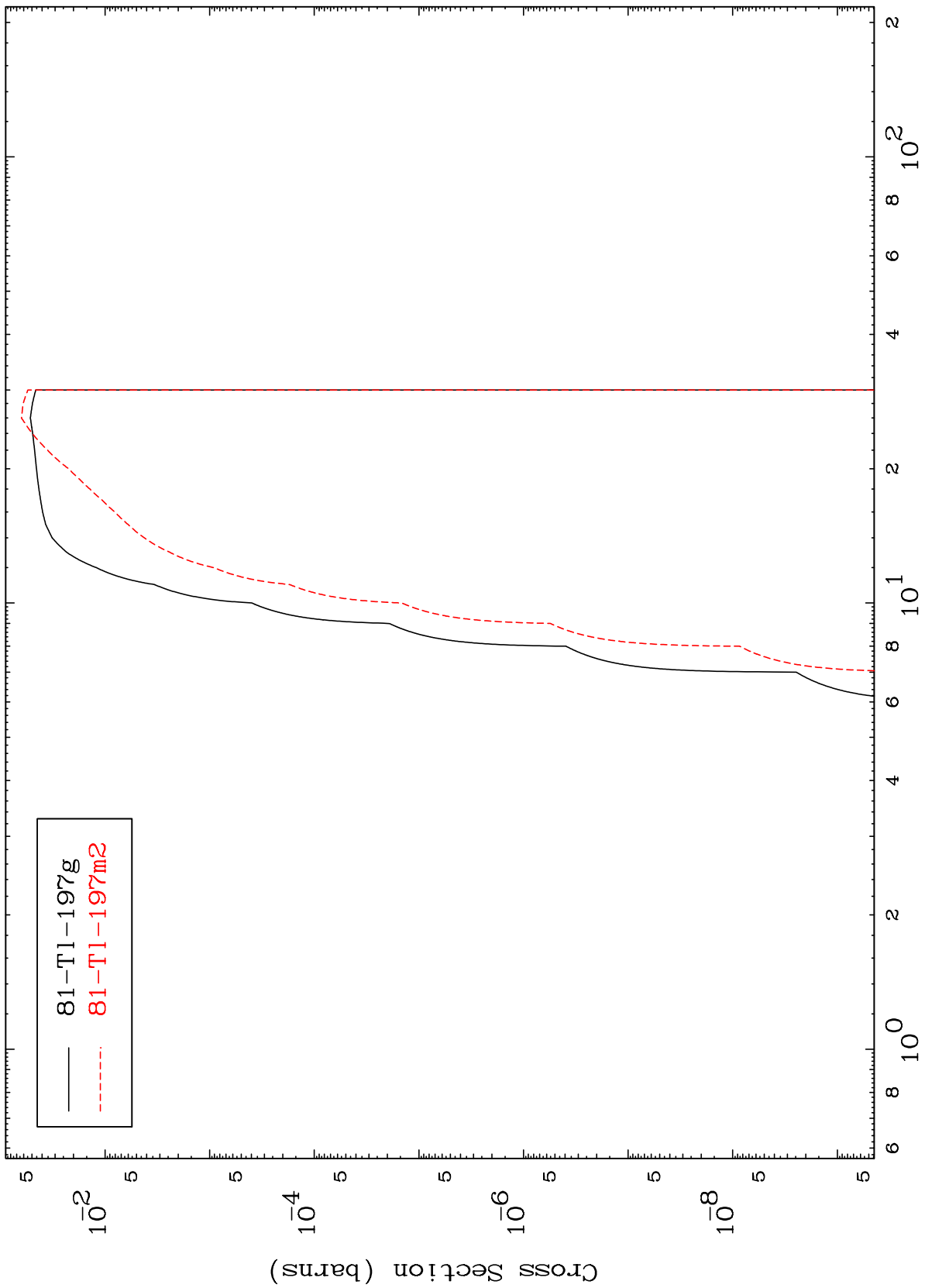
Radionuclide Production Cross Section



MAT 8107

81-Tl-197

(n, t)
Radionuclide Production Cross Section



26

Incident Energy (MeV)

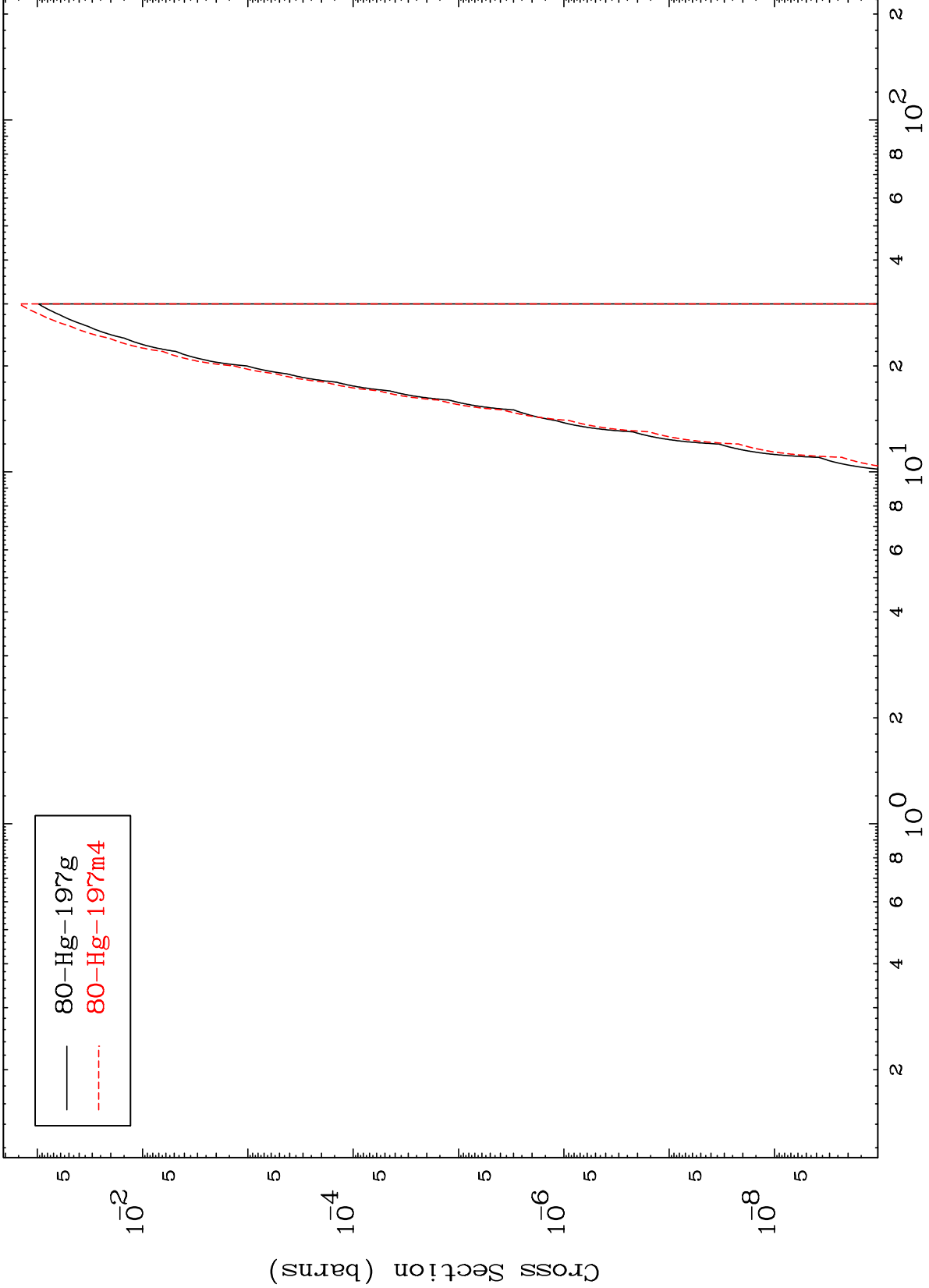
81-Tl-197

MAT 8107

(n,He-3)

81-Tl-197

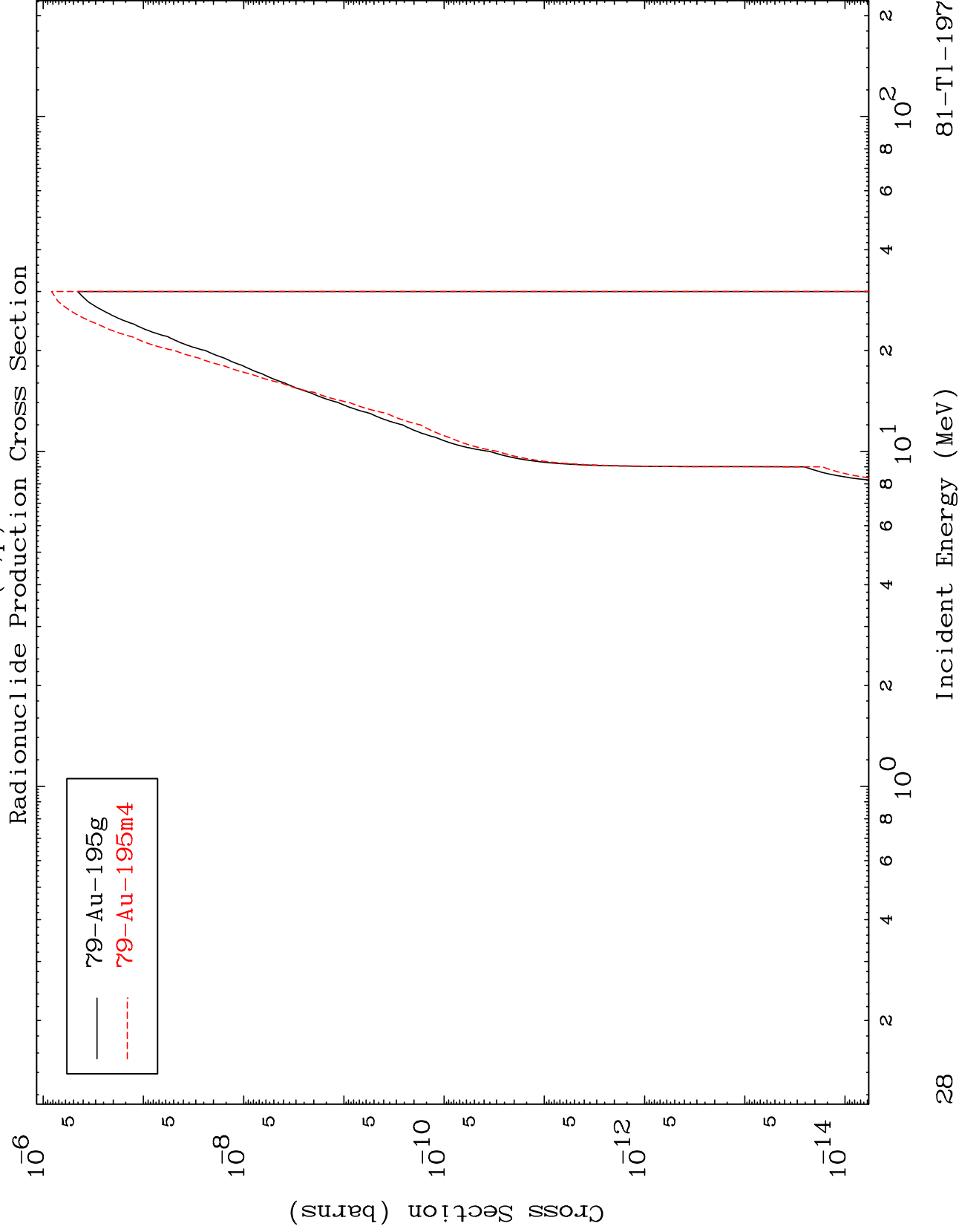
Radionuclide Production Cross Section



MAT 8107

(n,p) α

81-Tl-197

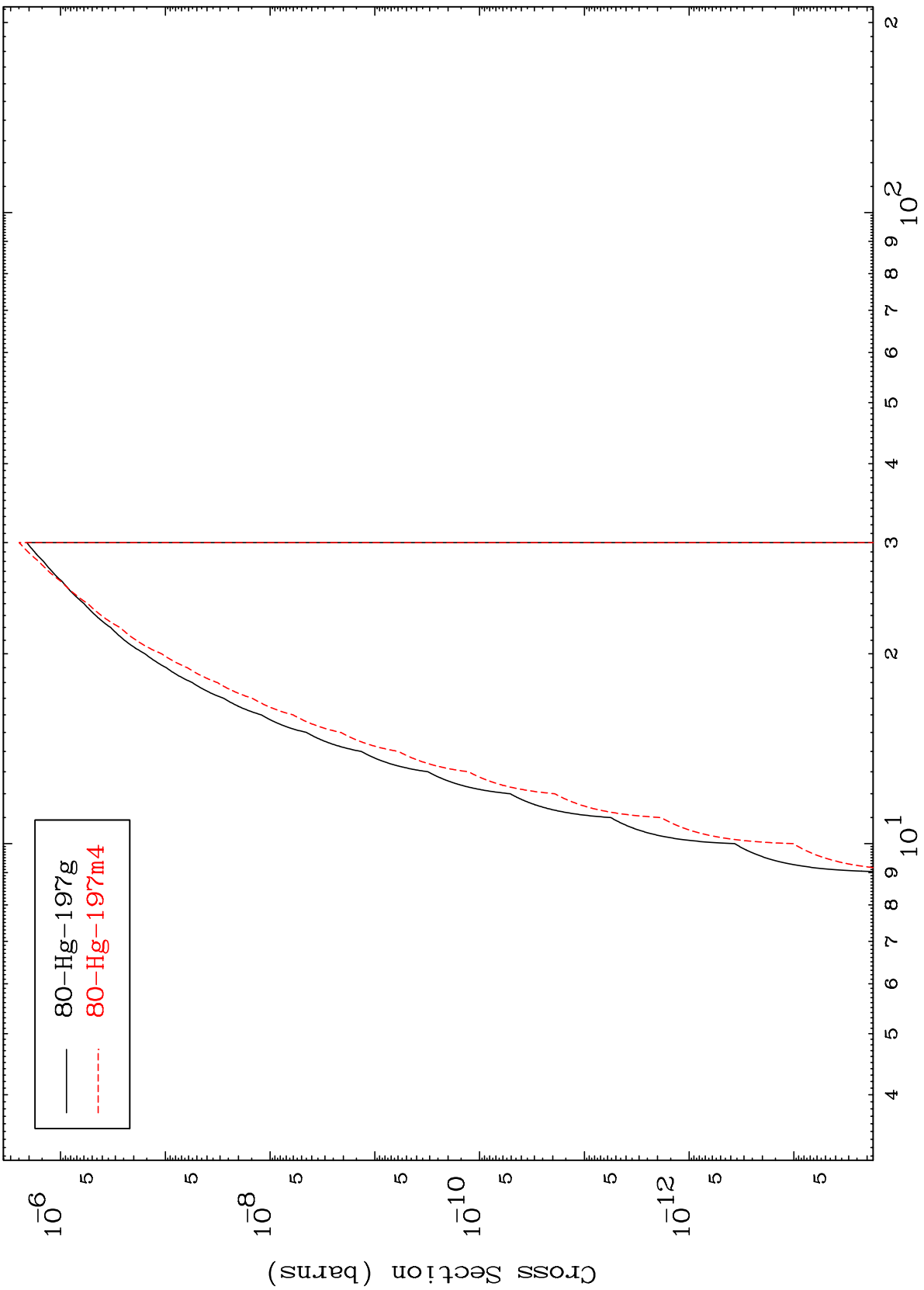


MAT 8107

(n,p) d

81-Tl-197

Radionuclide Production Cross Section



29

Incident Energy (MeV)

81-Tl-197

Radionuclide Production Cross Section

