

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

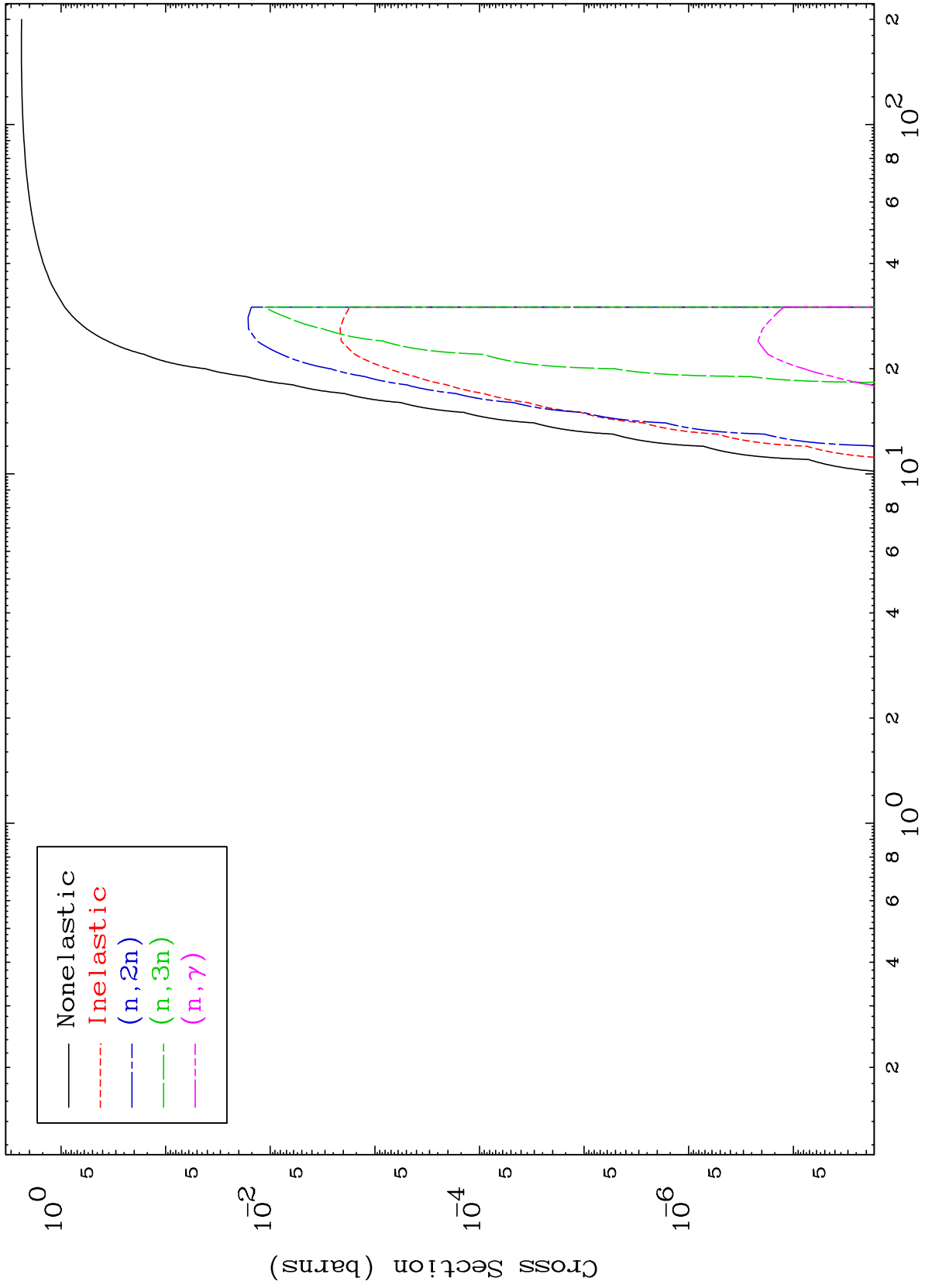
Press Mouse Button to Start

MAT 8107

He-3 Major

81-T1-197

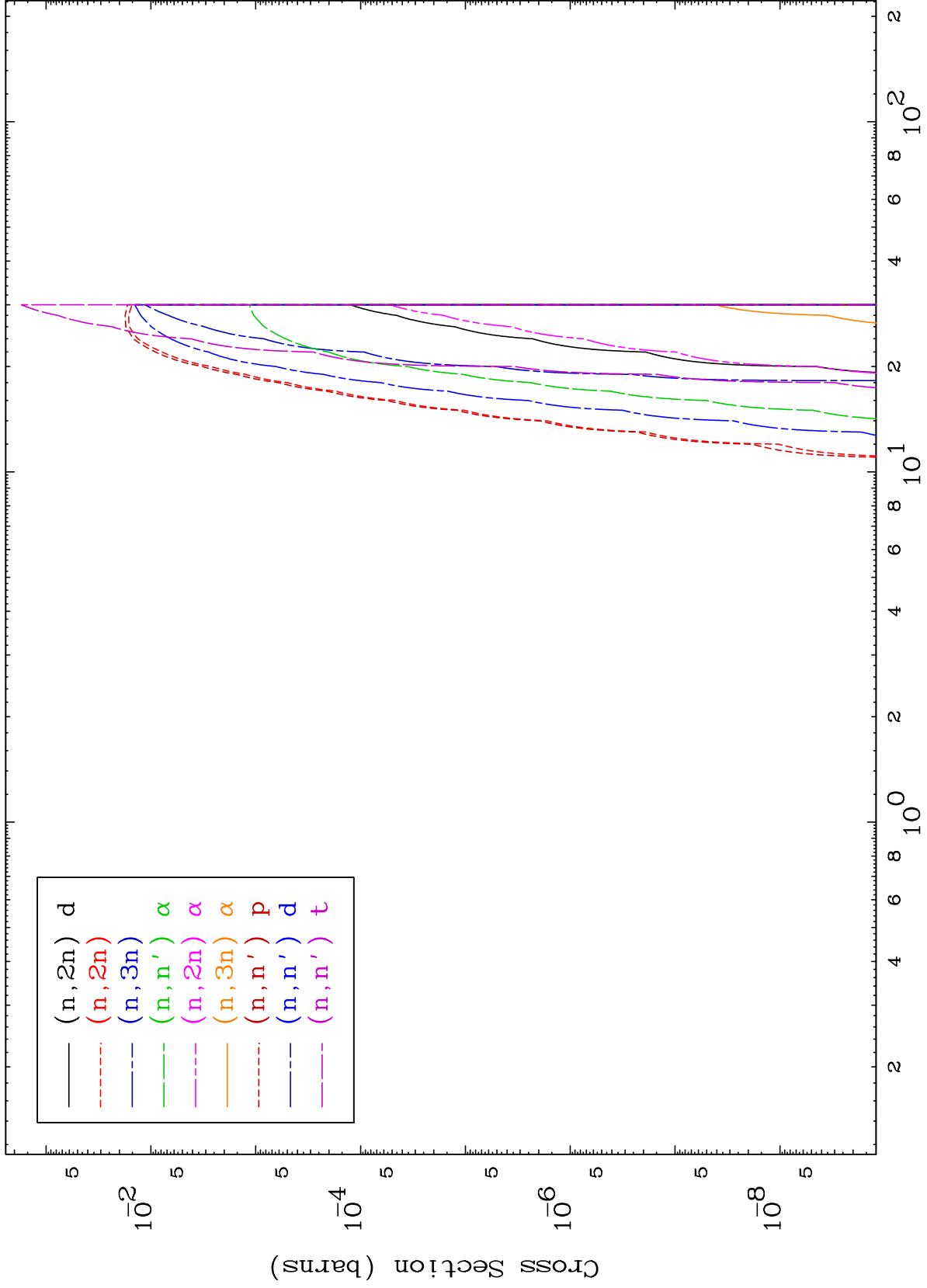
0 Kelvin Cross Sections



MAT 8107

He-3 Neutron Absorption
0 Kelvin Cross Sections

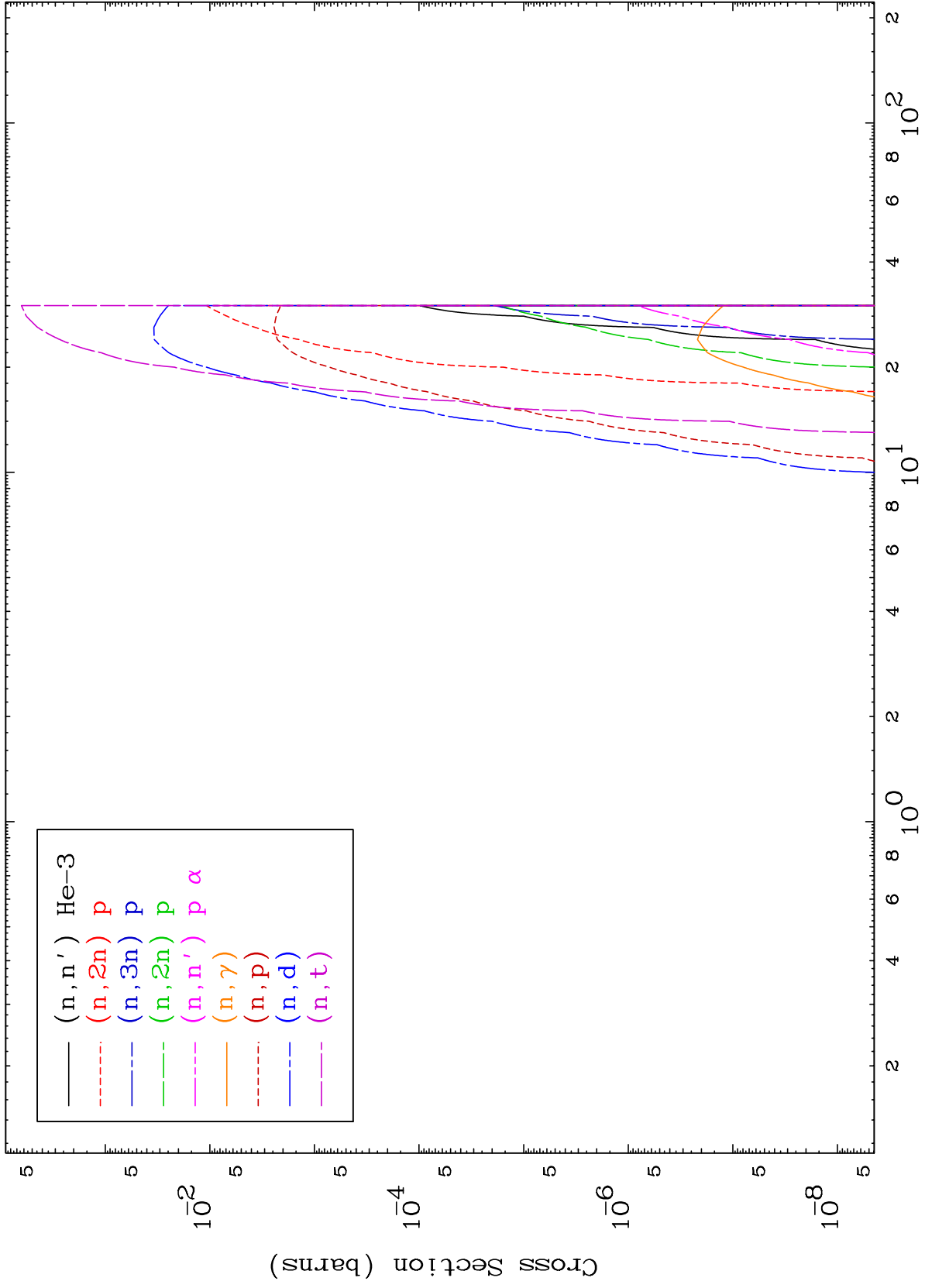
81-T1-197



MAT 8107

He-3 Neutron Absorption
0 Kelvin Cross Sections

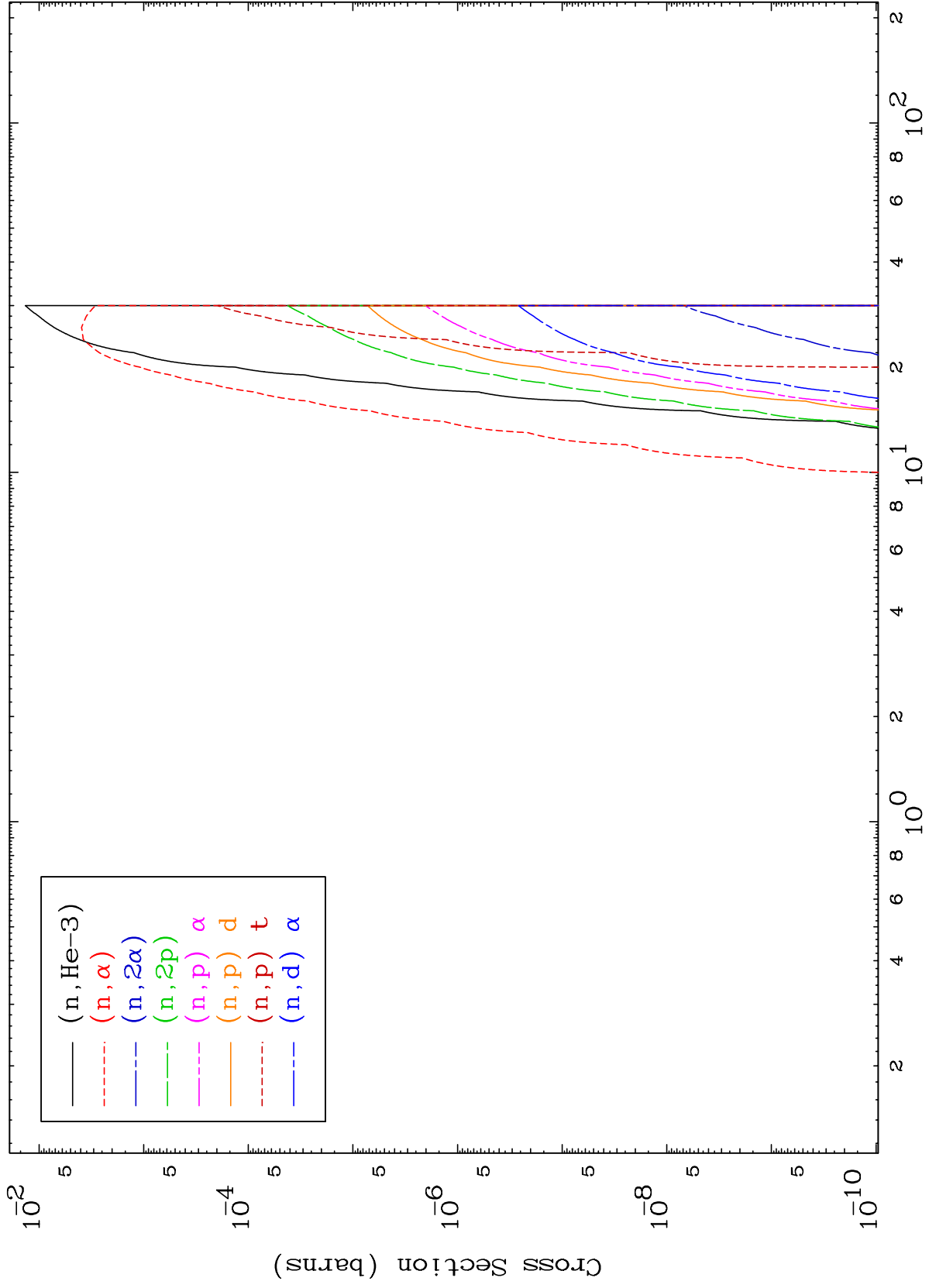
81-T1-197

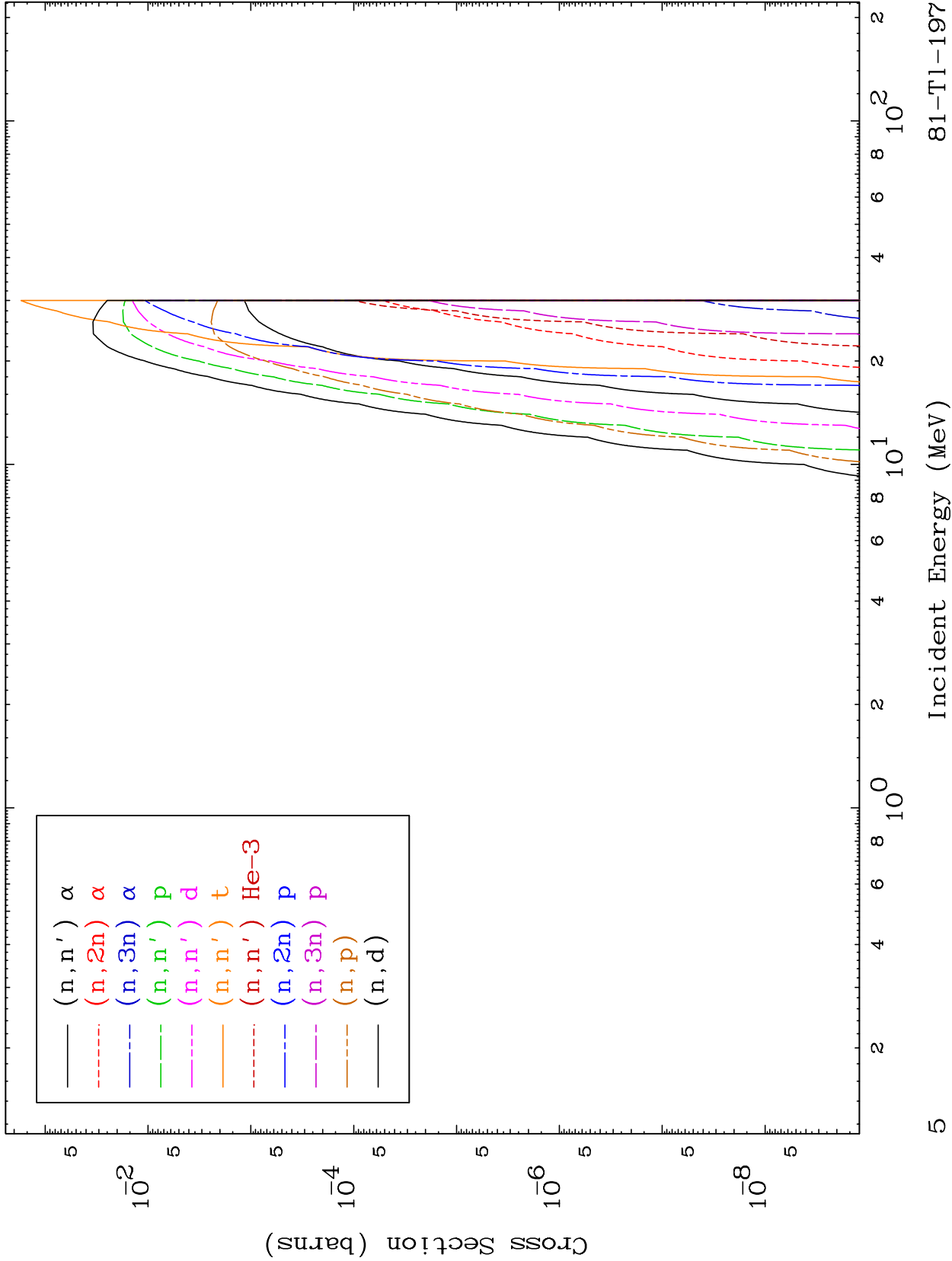


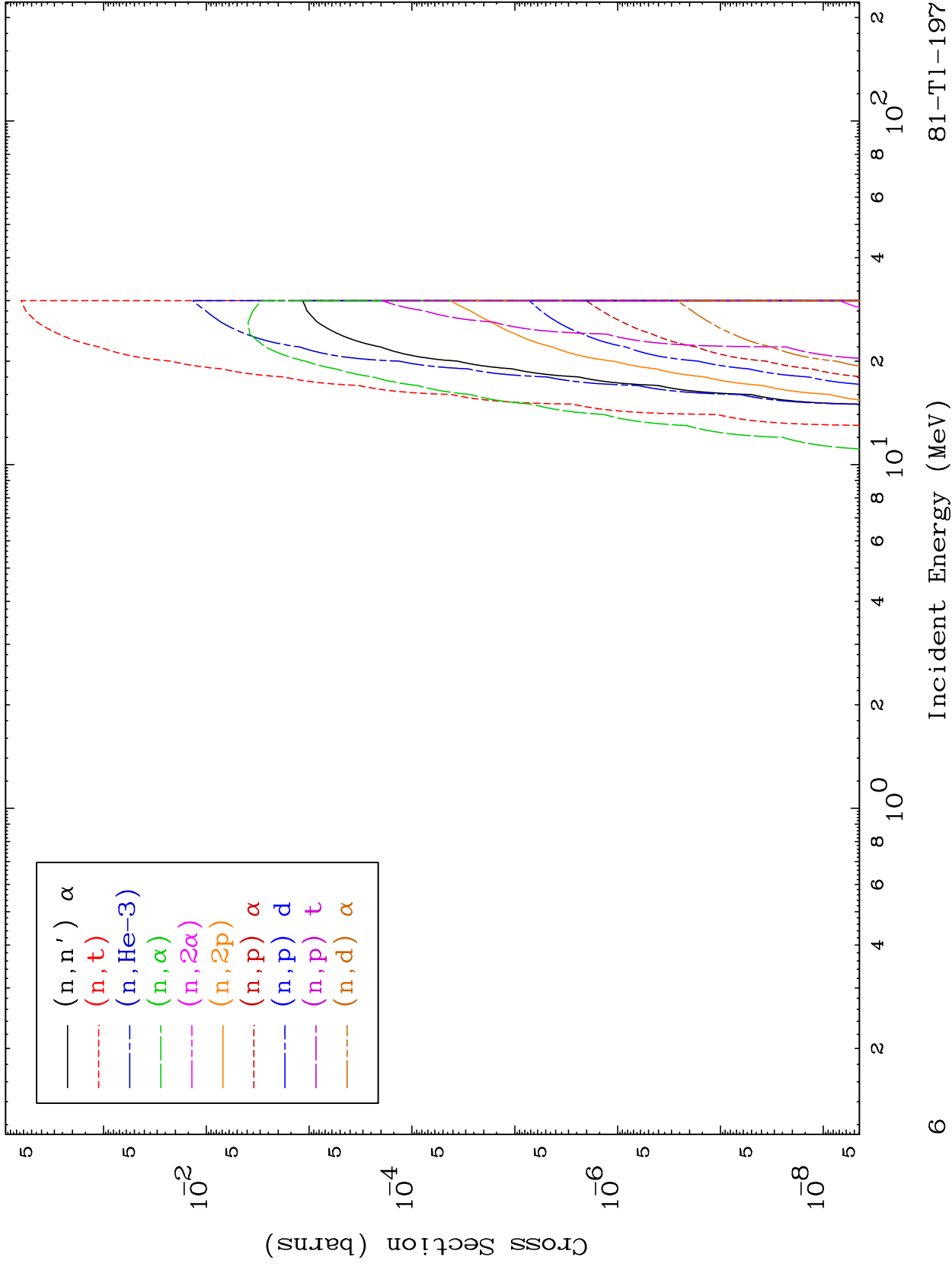
MAT 8107

He-3 Neutron Absorption
0 Kelvin Cross Sections

81-T1-197





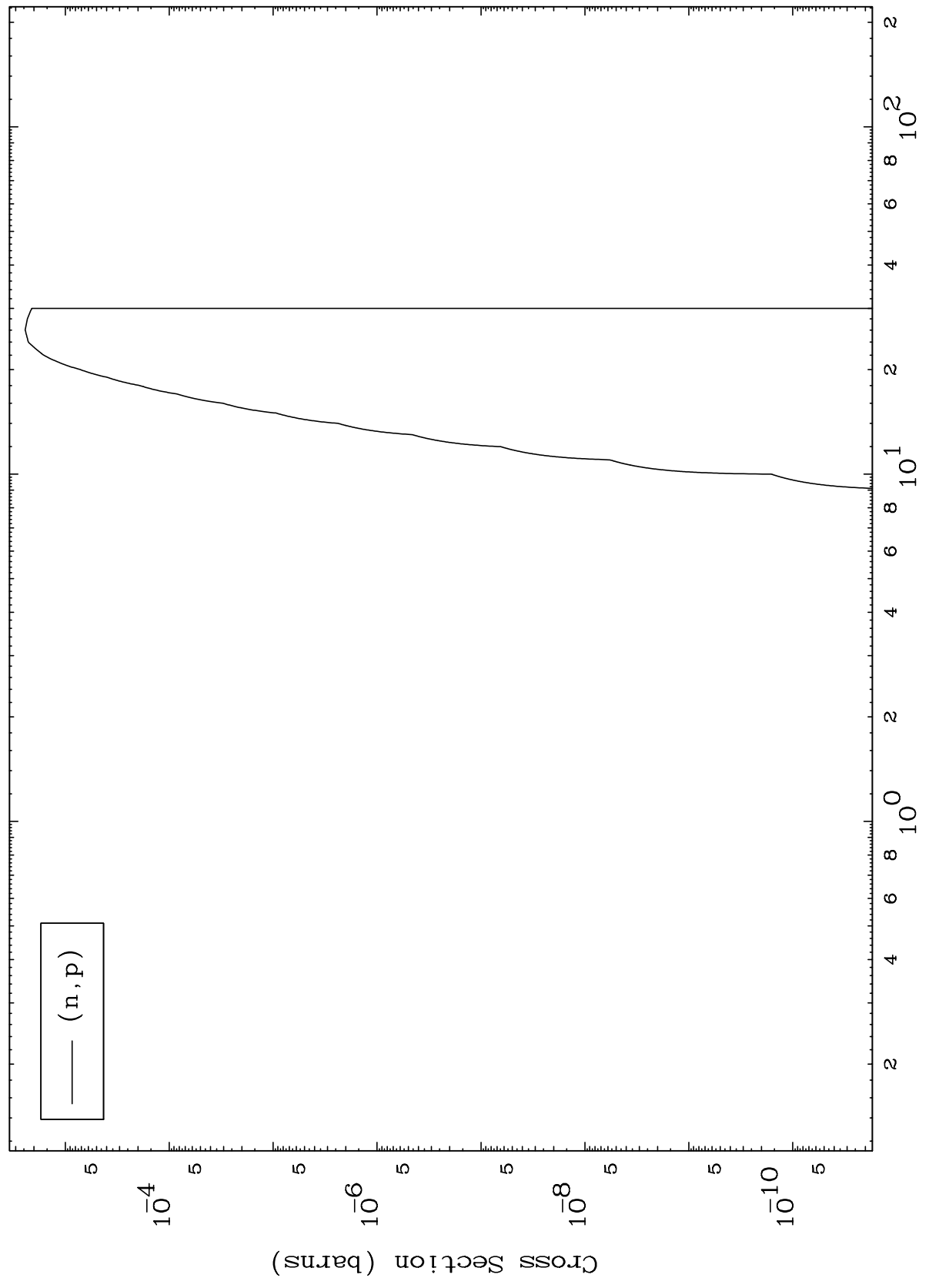


MAT 8107

(He-3,p) Levels

81-Tl-197

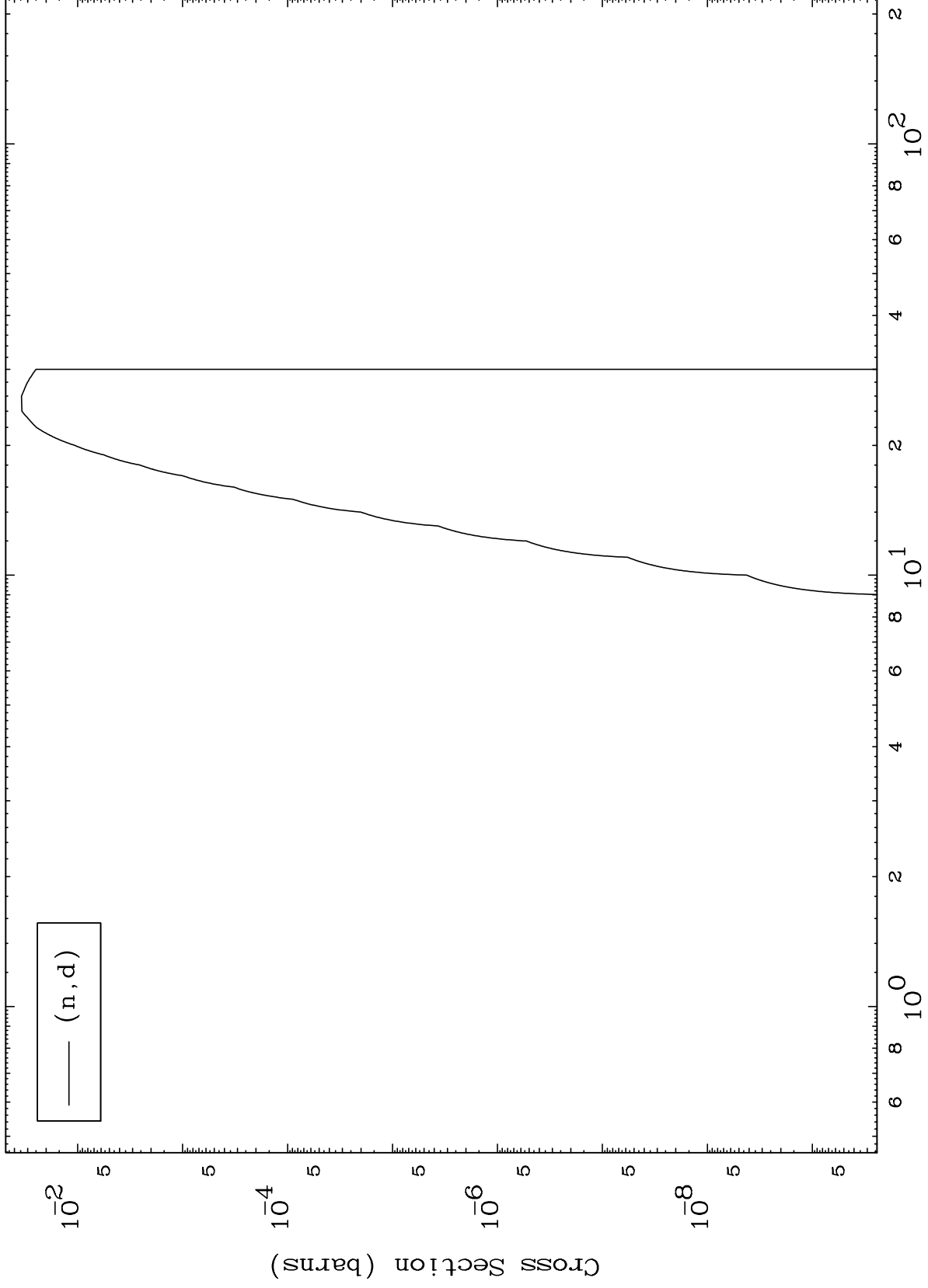
0 Kelvin Cross Sections



MAT 8107

(He-3,d) Levels
0 Kelvin Cross Sections

81-T1-197



8

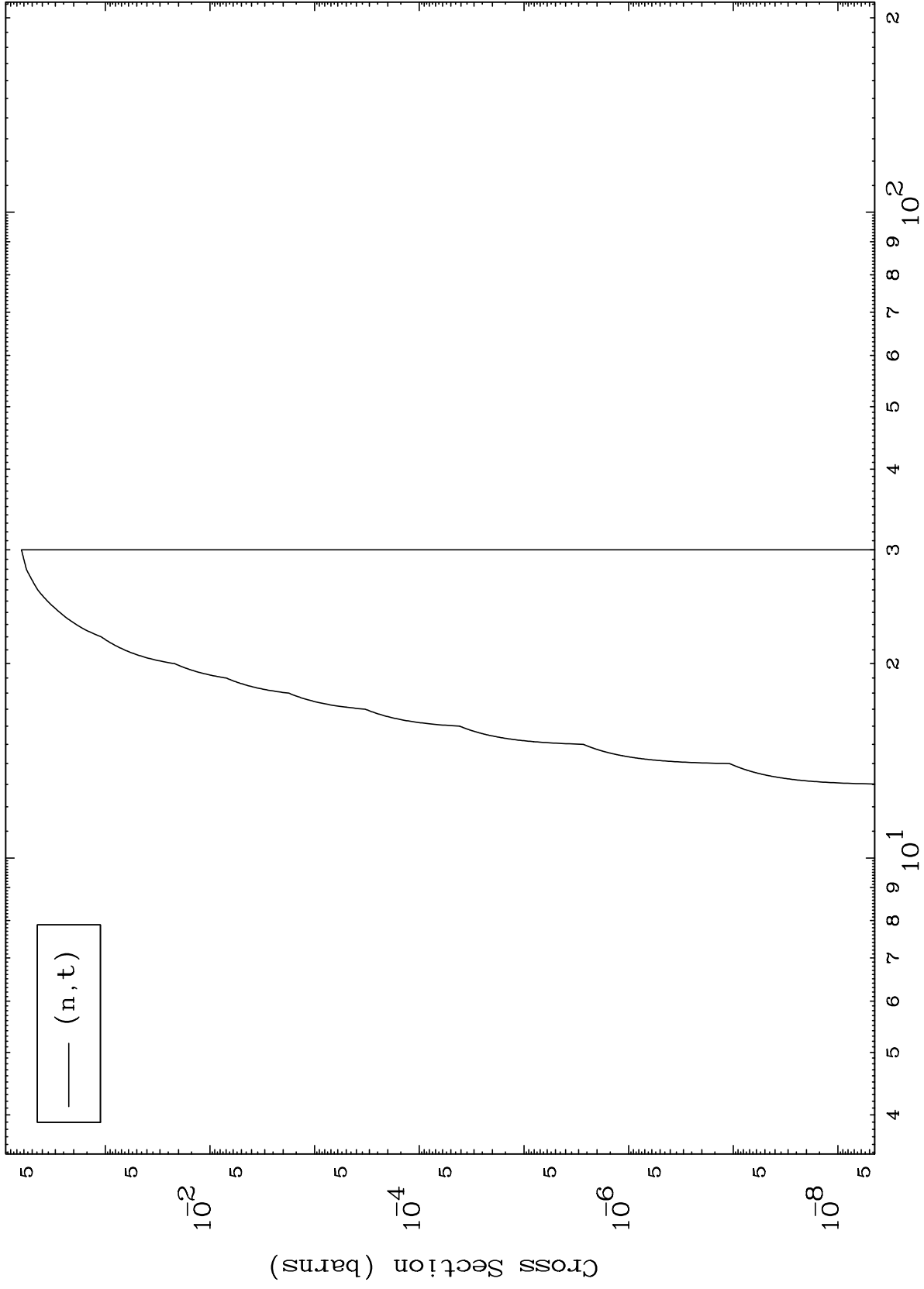
Incident Energy (MeV)

81-T1-197

MAT 8107

(He-3,t) Levels
0 Kelvin Cross Sections

81-T1-197



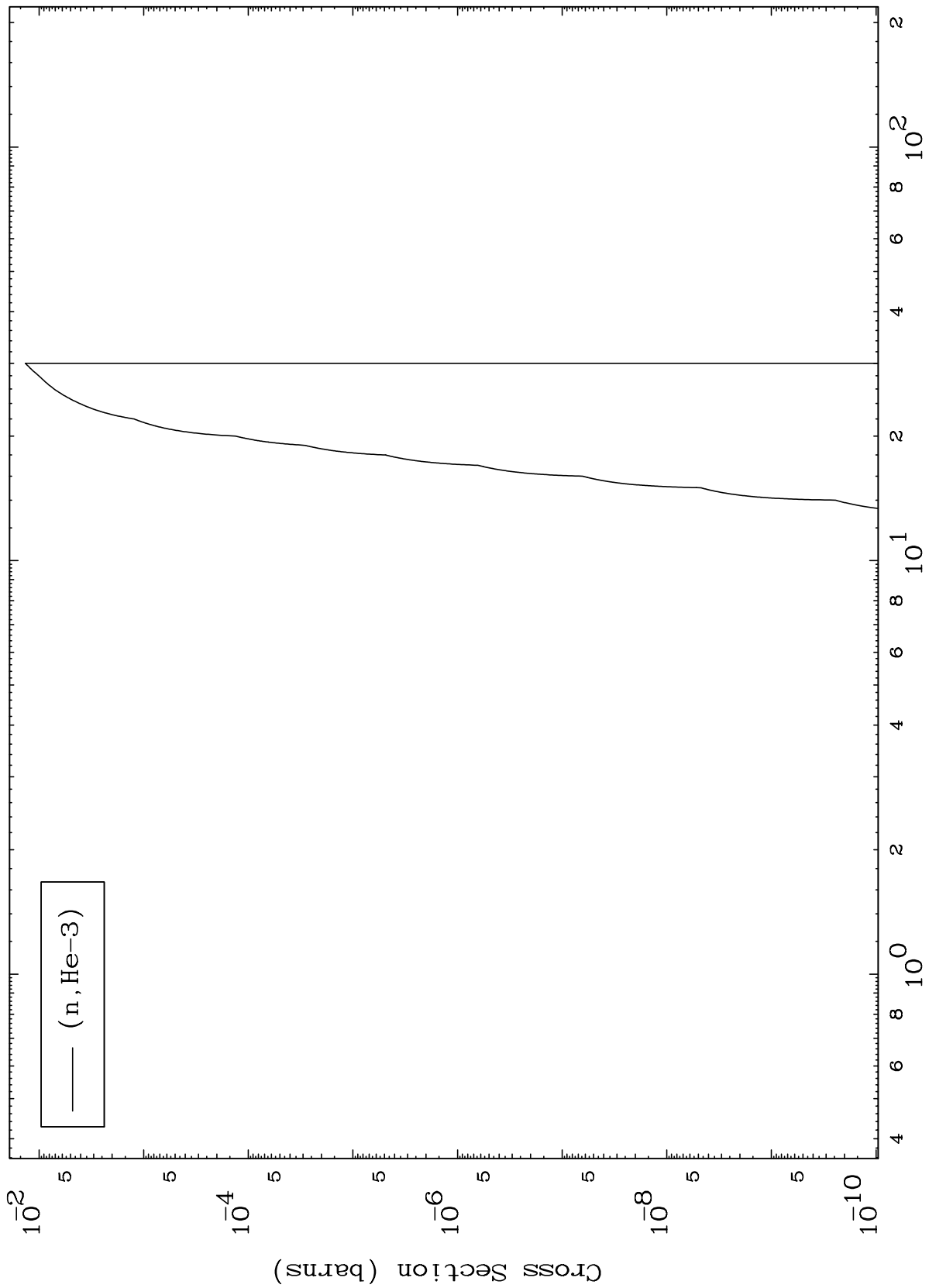
(n, t)

MAT 8107

(He-3, He3) Levels

81-T1-197

0 Kelvin Cross Sections



10

Incident Energy (MeV)

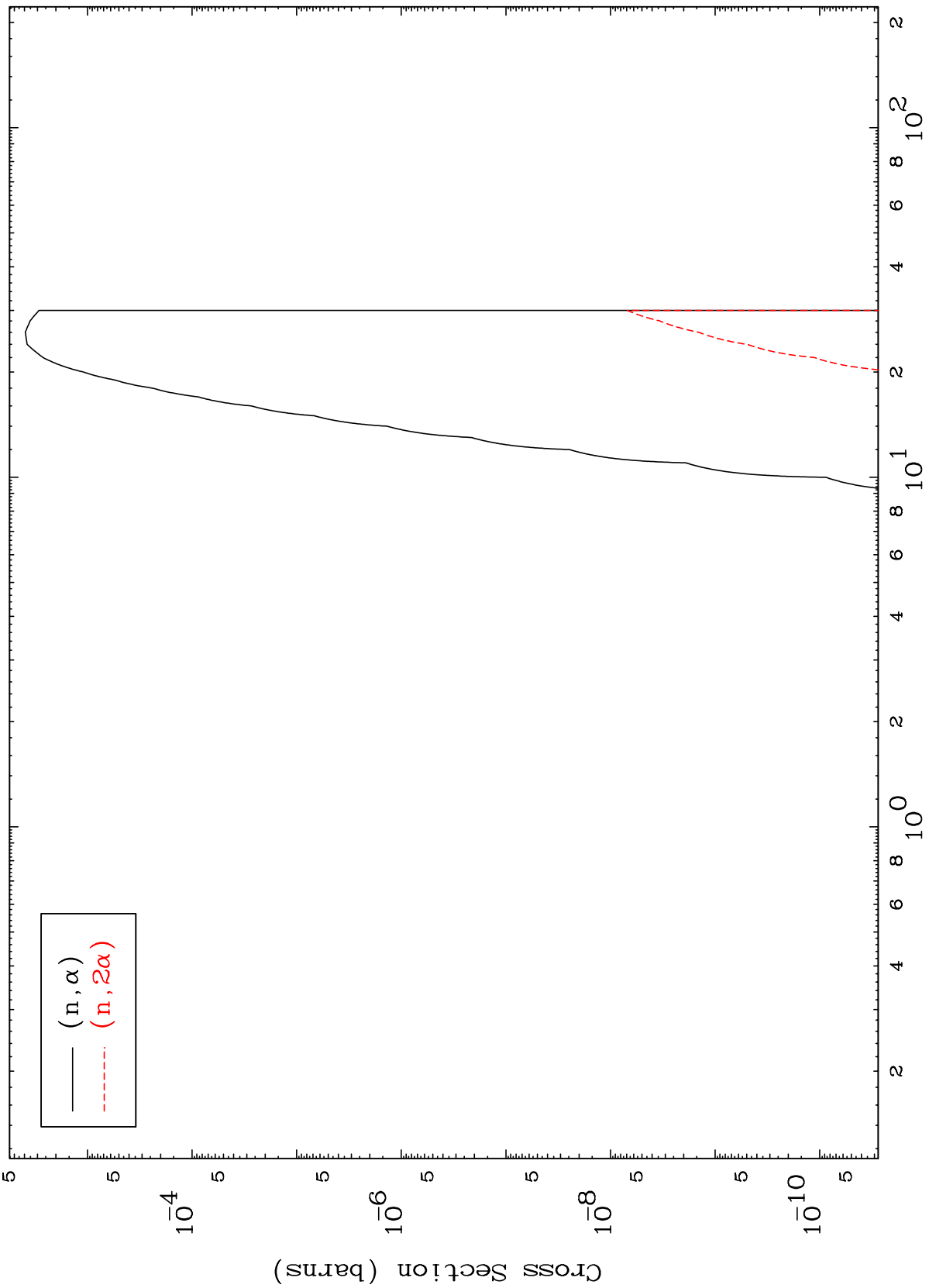
81-T1-197

MAT 8107

(He-3, α) Levels

81-T1-197

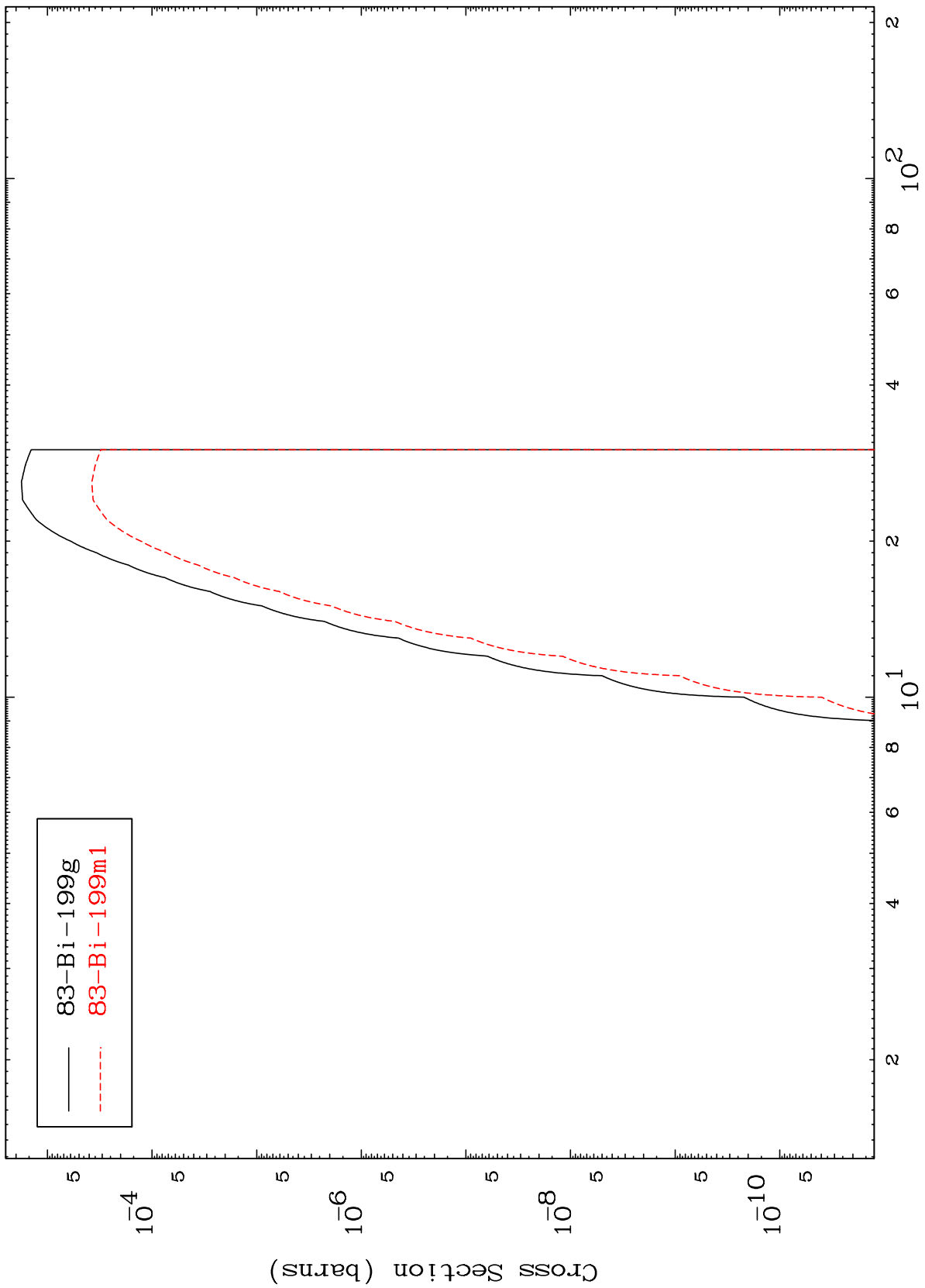
0 Kelvin Cross Sections



MAT 8107

81-Tl-197

Inelastic
Radionuclide Production Cross Section



83-Bi-199g
83-Bi-199m1

81-Tl-197

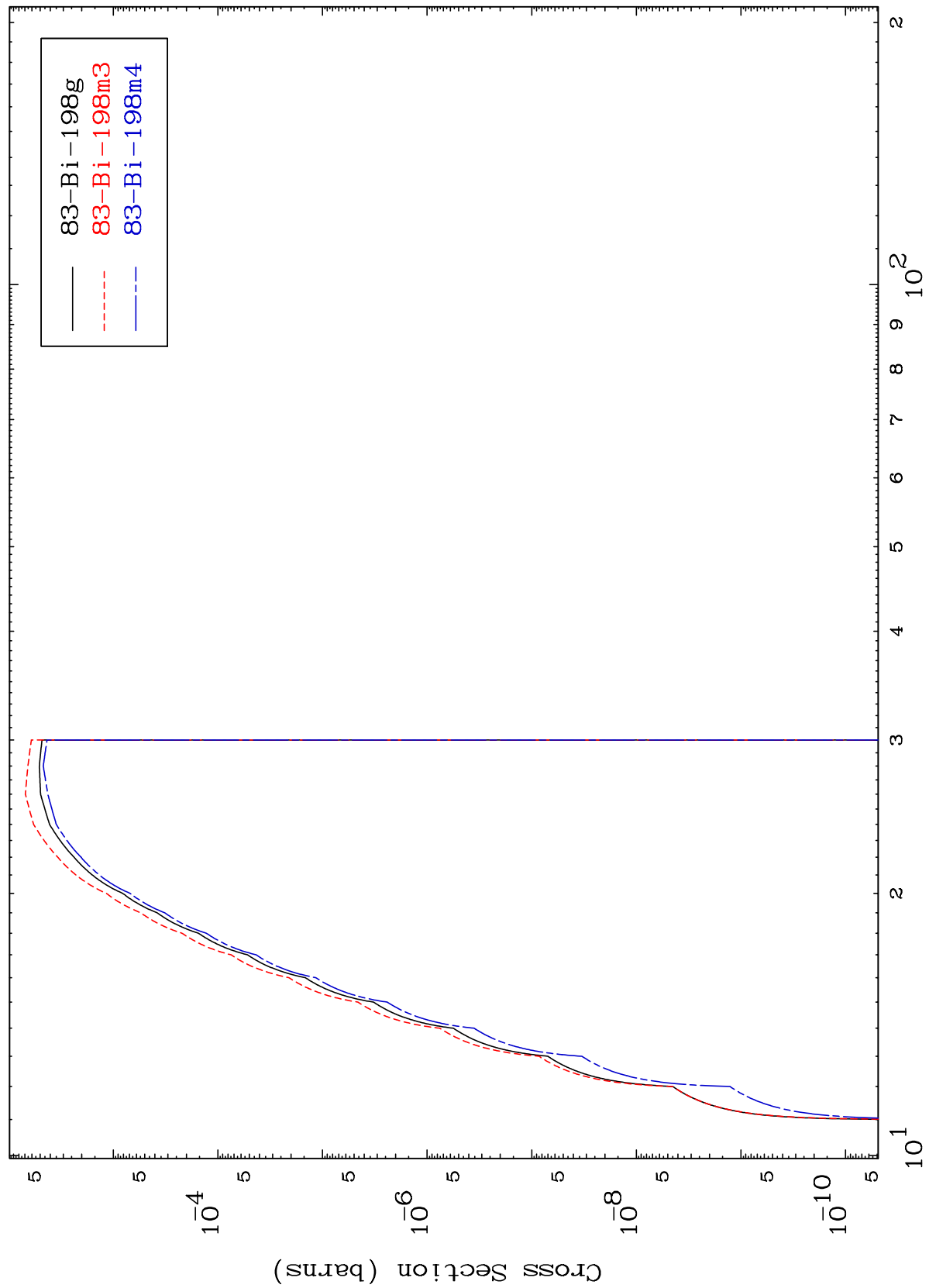
Incident Energy (MeV)

12

MAT 8107

81-Tl-197

(n,2n)
Radionuclide Production Cross Section



81-Tl-197

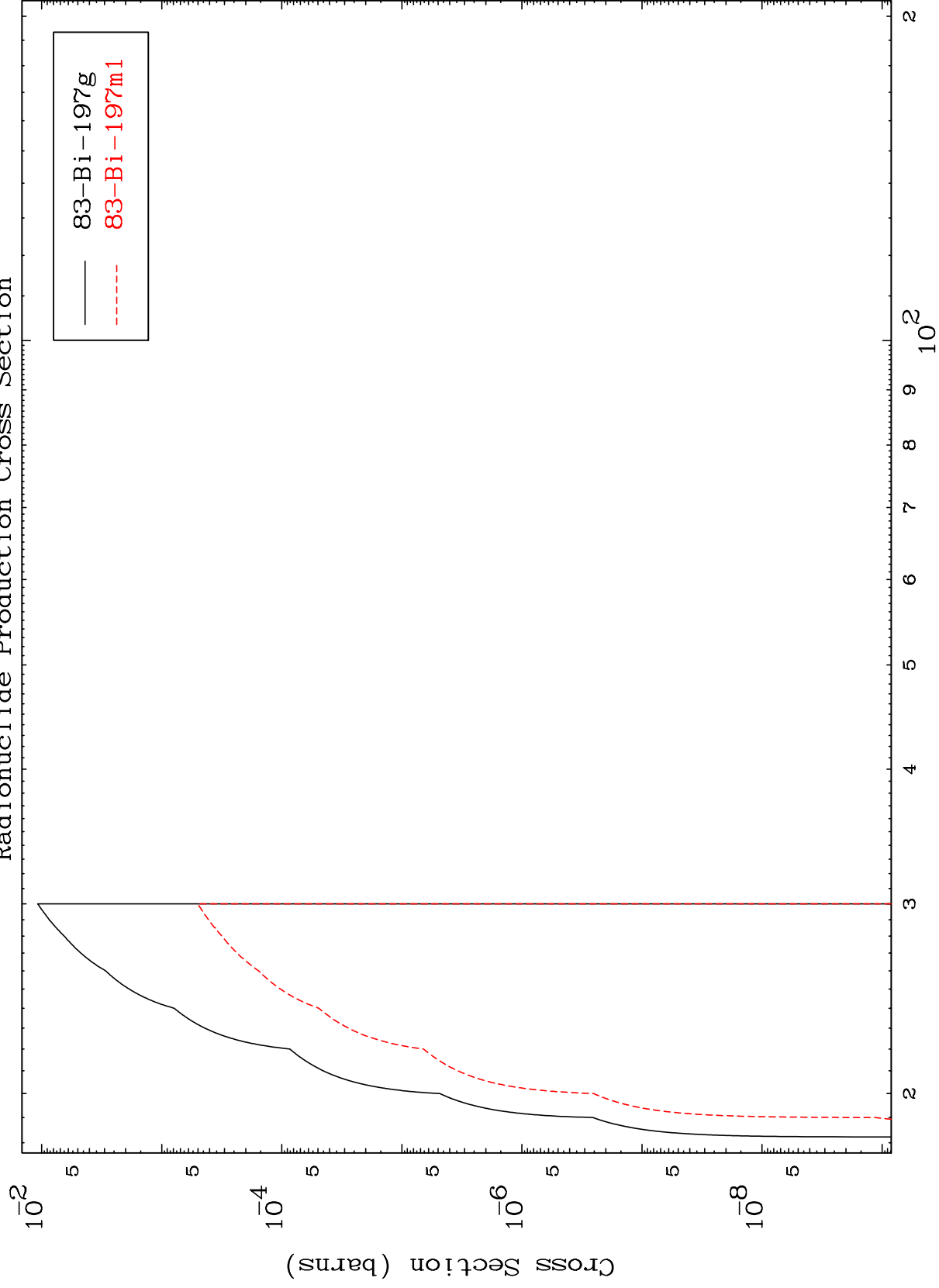
Incident Energy (MeV)

13

MAT 8107

81-Tl-197

(n,3n)
Radionuclide Production Cross Section



81-Tl-197

Incident Energy (MeV)

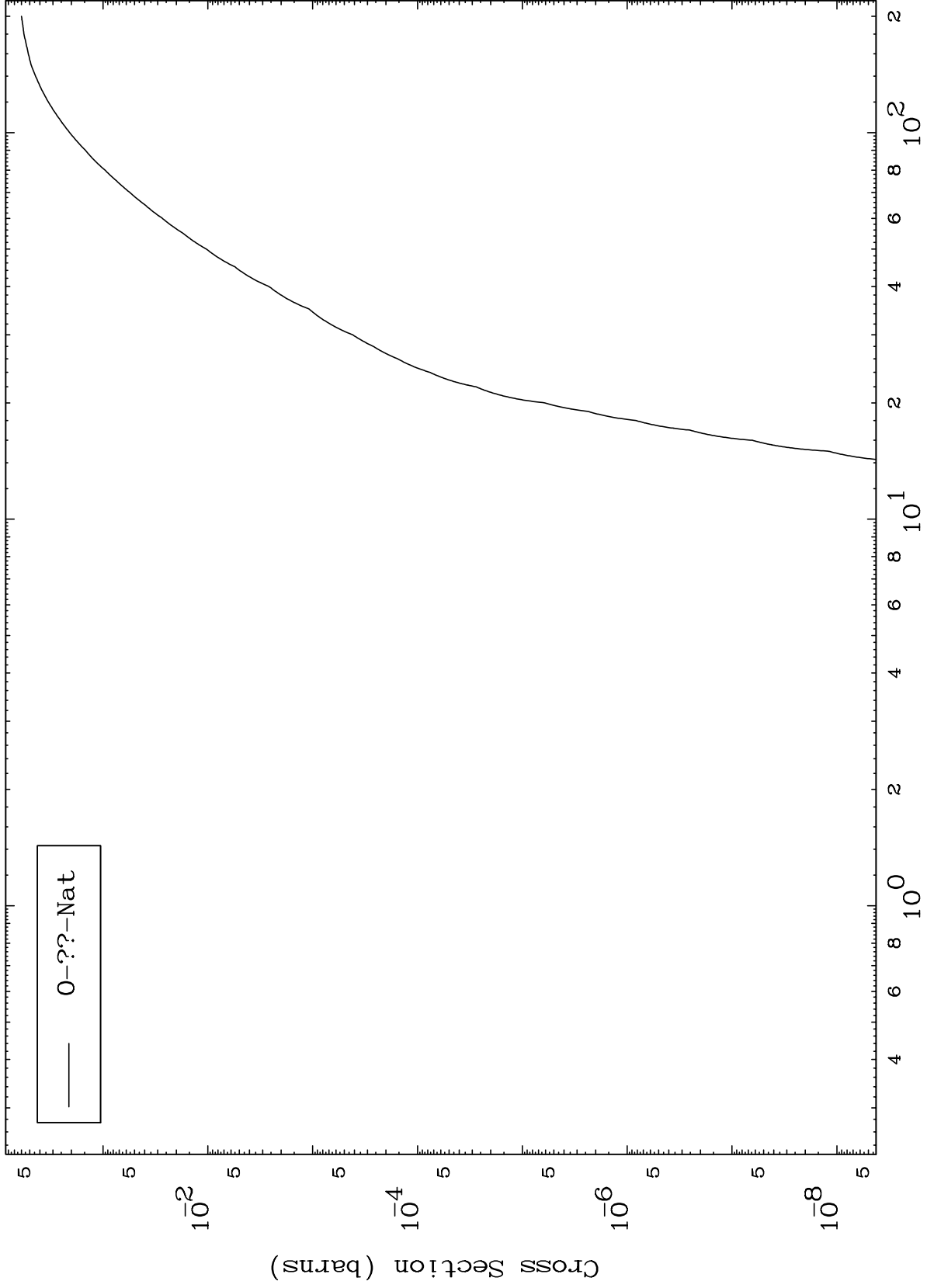
14

MAT 8107

Fission

81-Tl-197

Radionuclide Production Cross Section



15

Incident Energy (MeV)

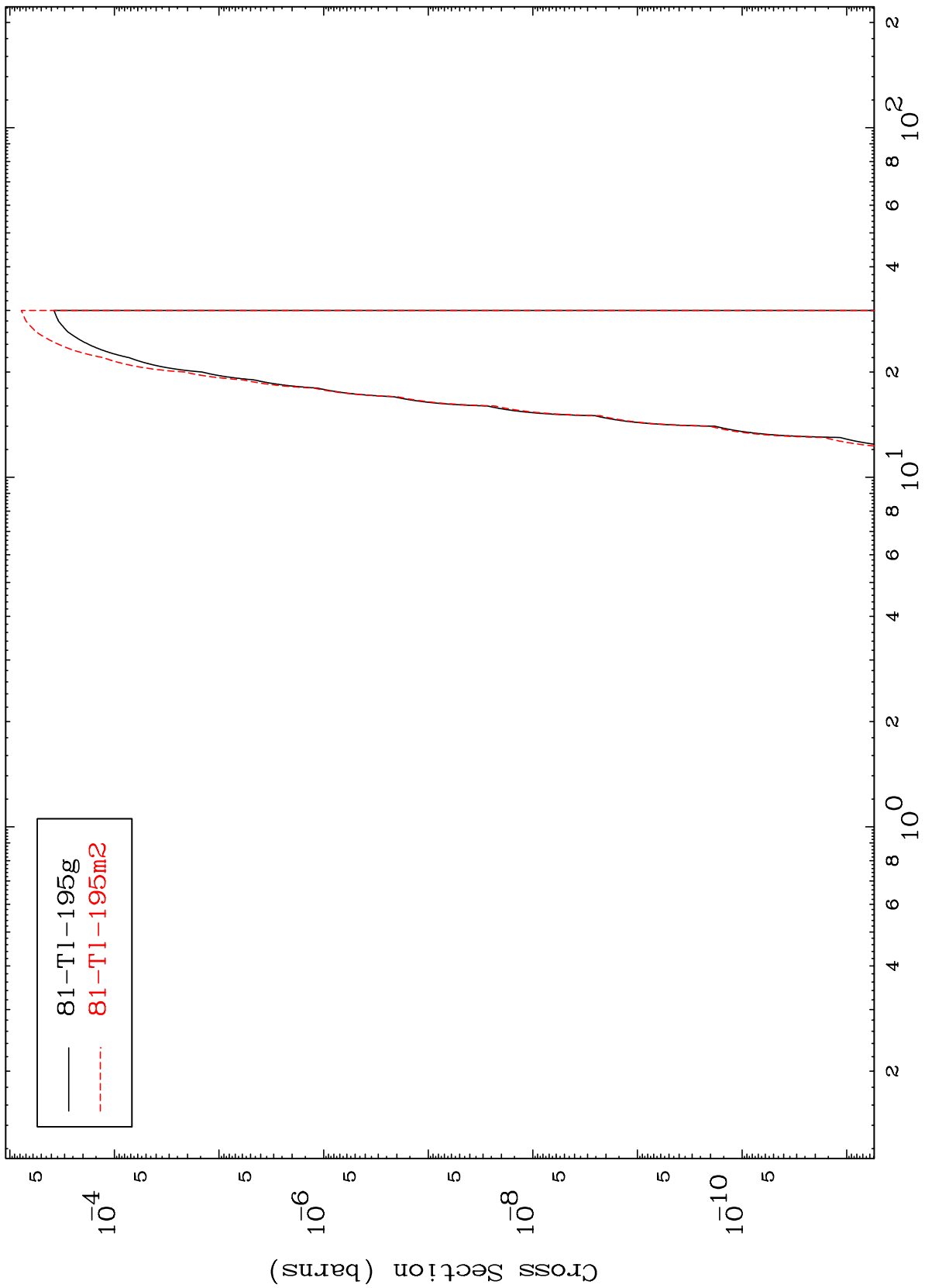
81-Tl-197

MAT 8107

$(n, n') \alpha$

81-Tl-197

Radionuclide Production Cross Section

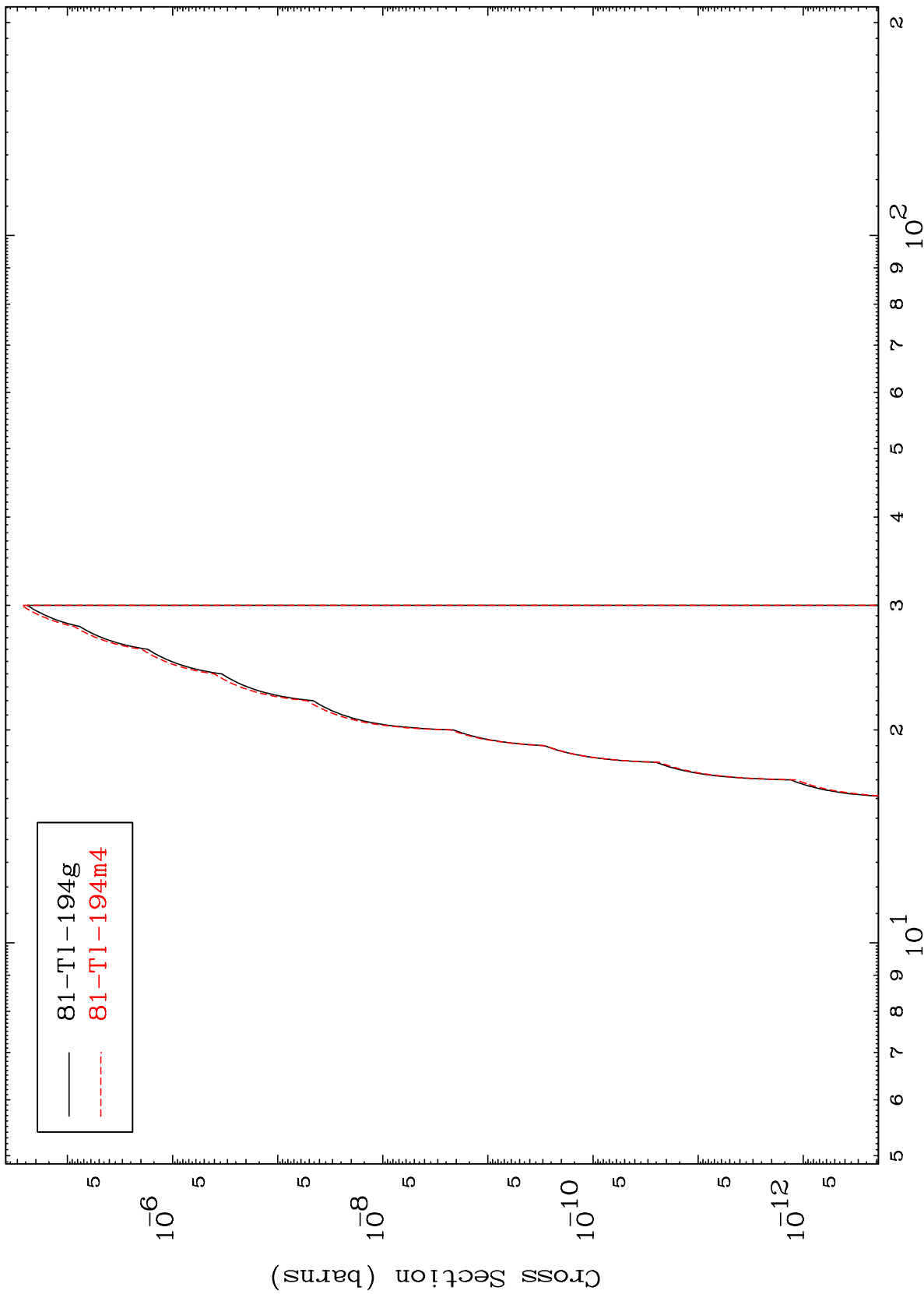


MAT 8107

81-Tl-197

(n,2n) α

Radionuclide Production Cross Section



81-Tl-194g
81-Tl-194m4

81-Tl-197

Incident Energy (MeV)

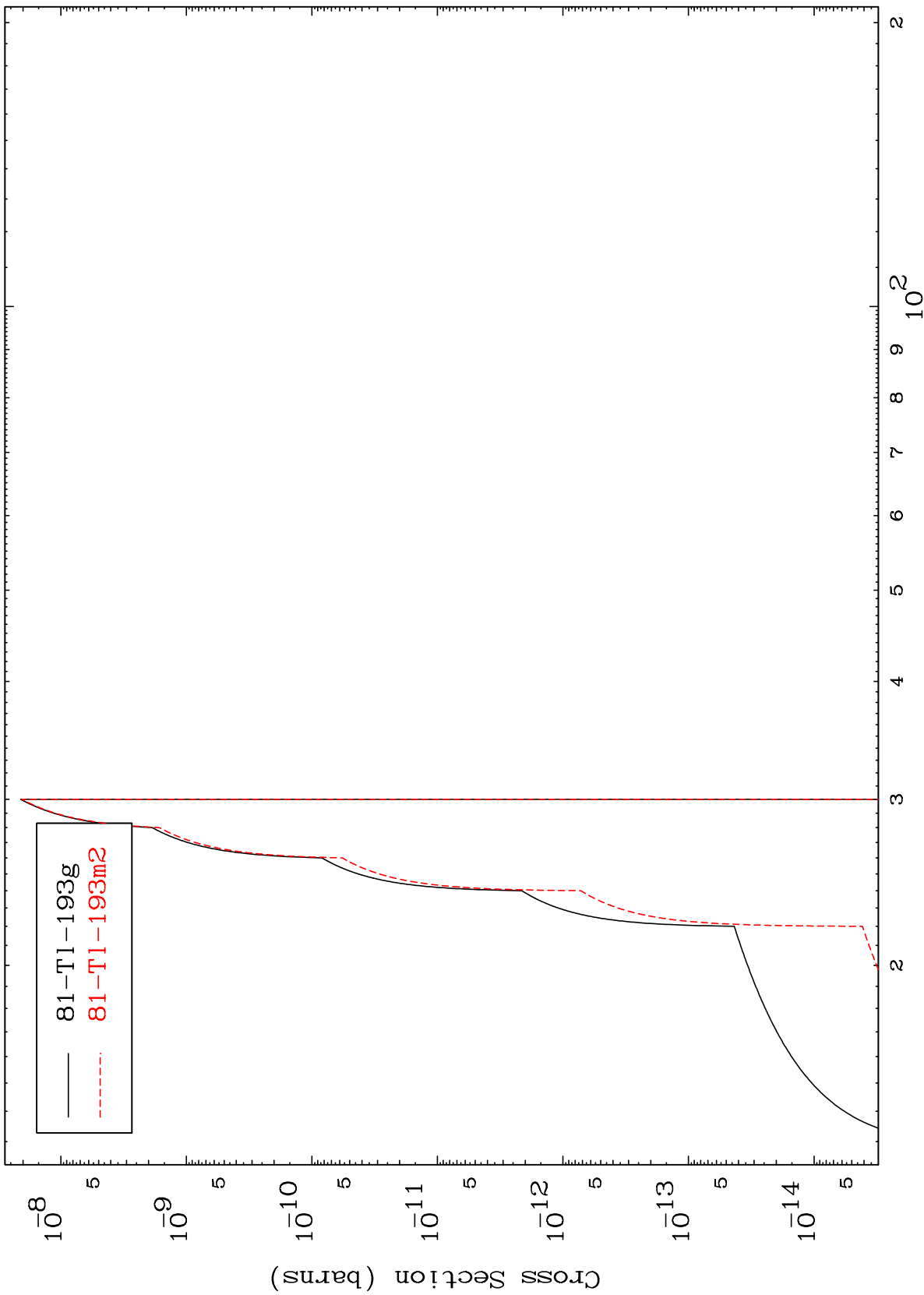
17

MAT 8107

(n,3n) α

81-Tl-197

Radionuclide Production Cross Section



18

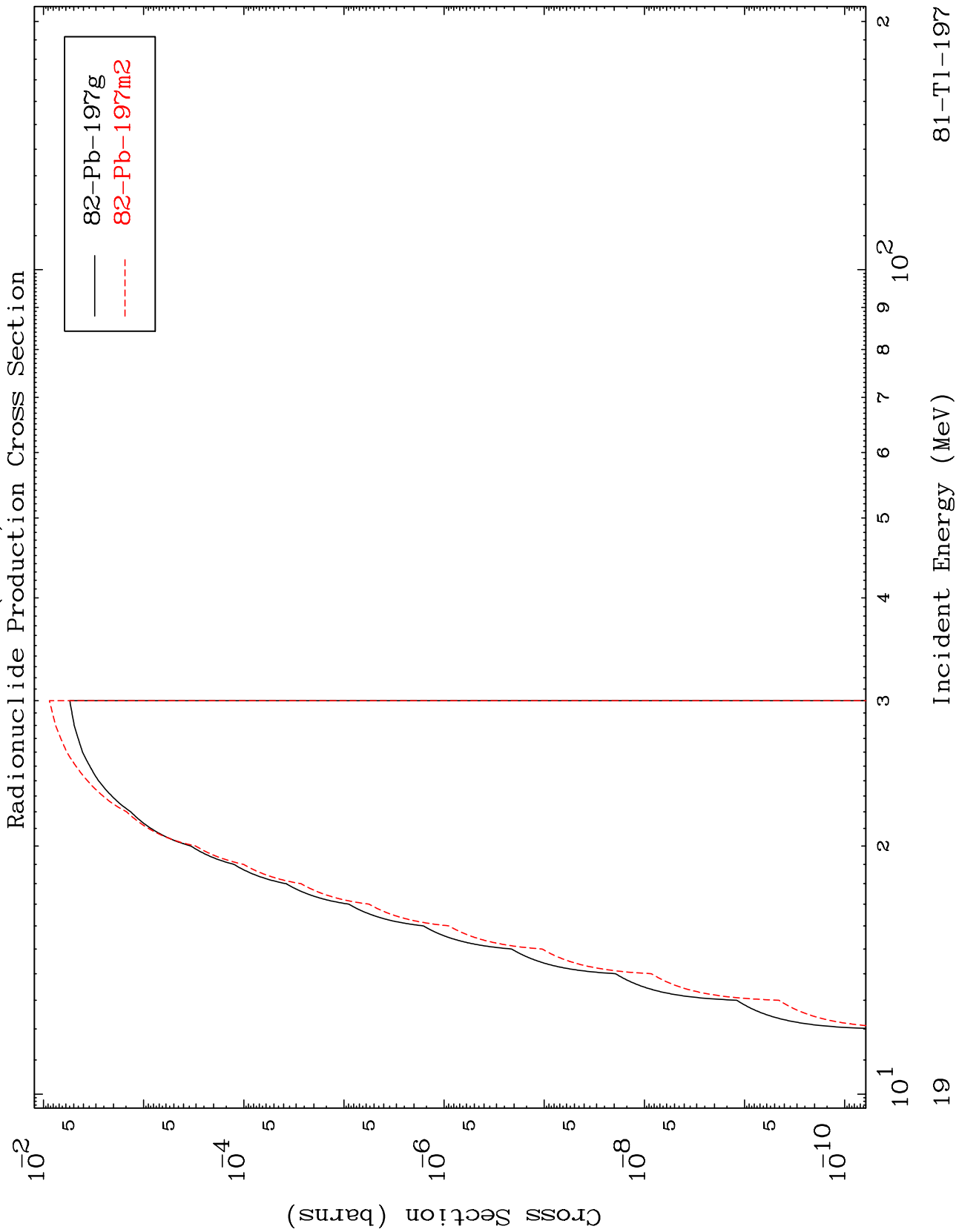
Incident Energy (MeV)

81-Tl-197

MAT 8107

(n,n') d

81-Tl-197



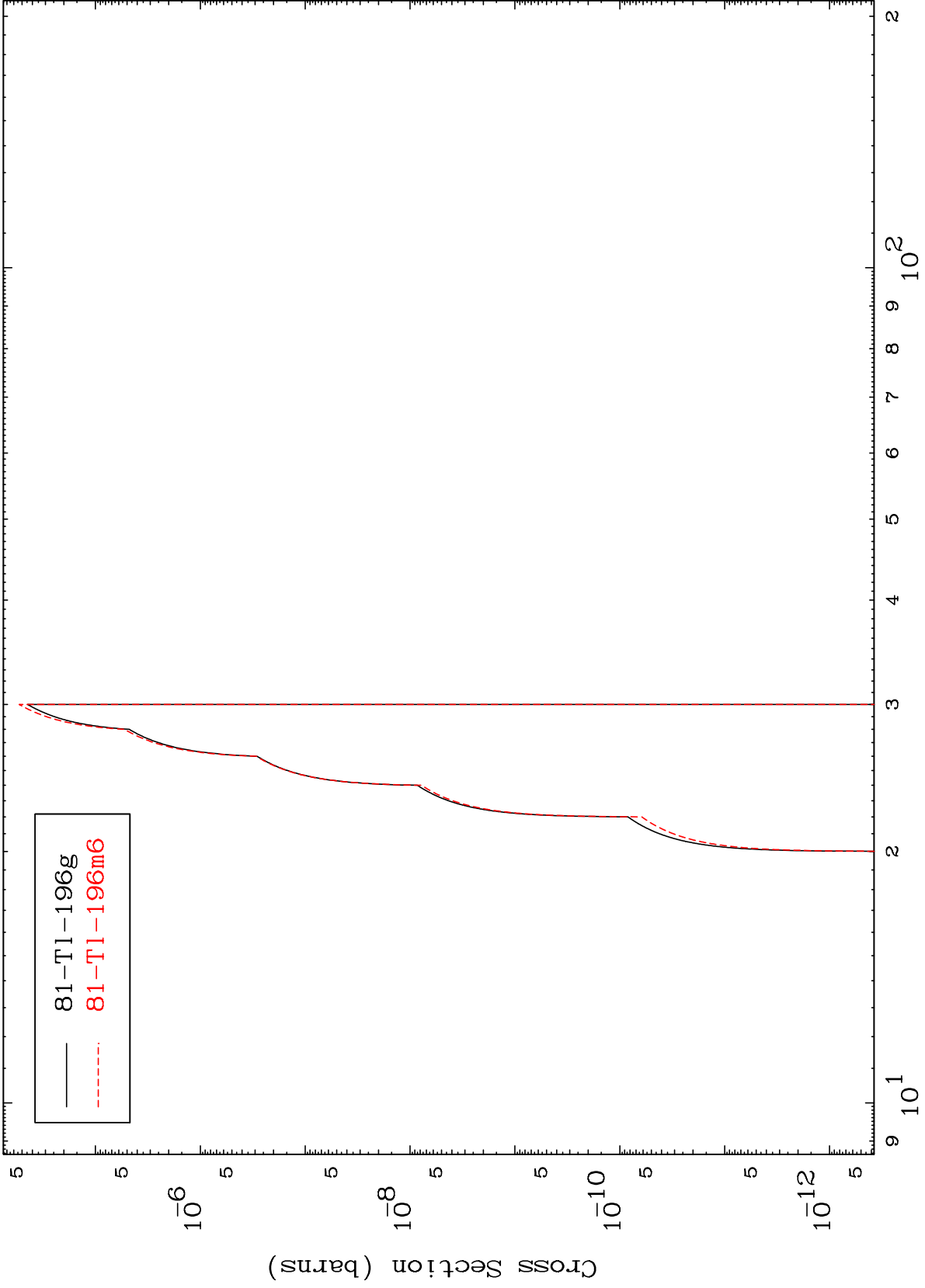
81-Tl-197

MAT 8107

(n,n') He-3

81-Tl-197

Radionuclide Production Cross Section

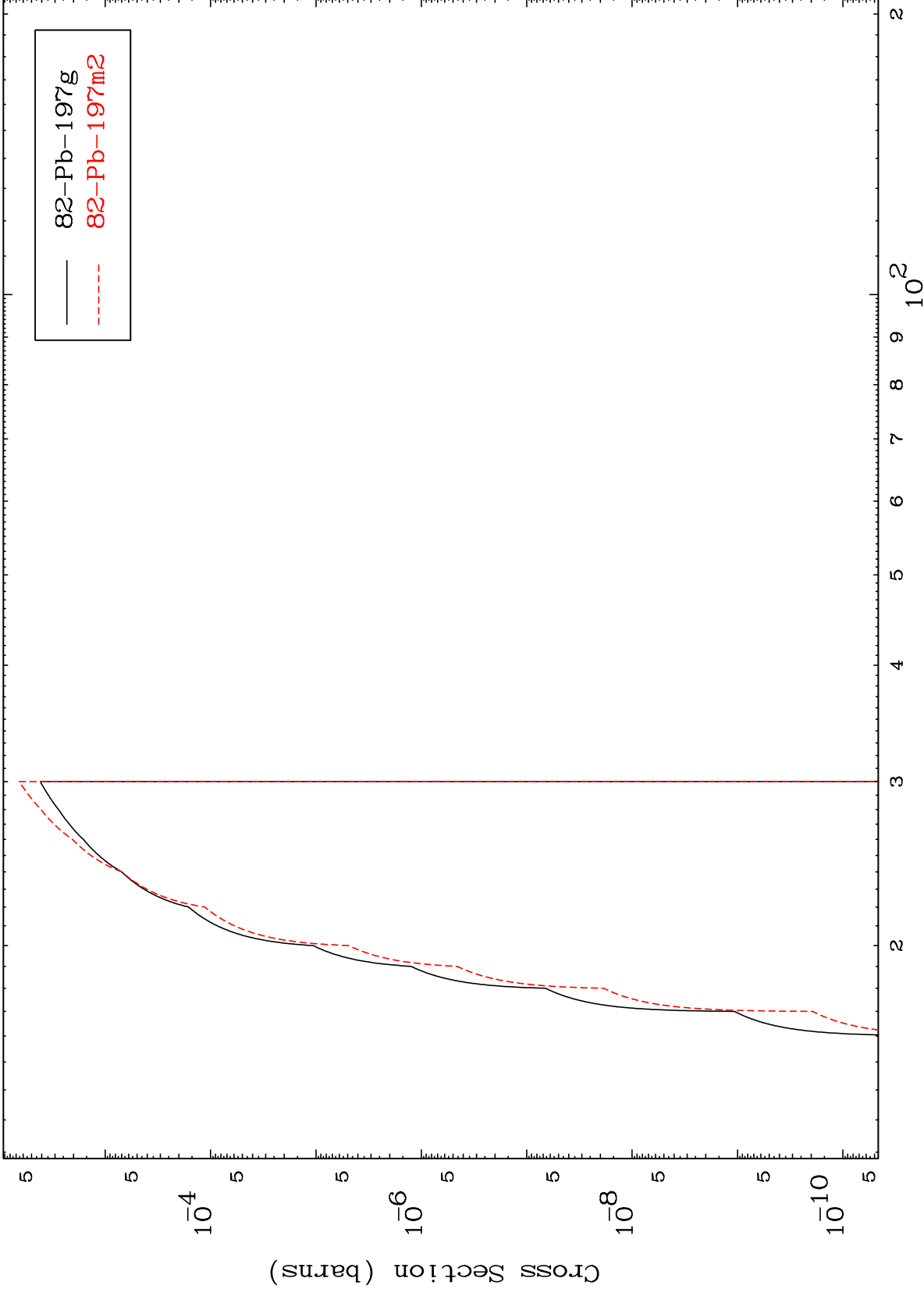


20

Incident Energy (MeV)

81-Tl-197

Radionuclide Production Cross Section

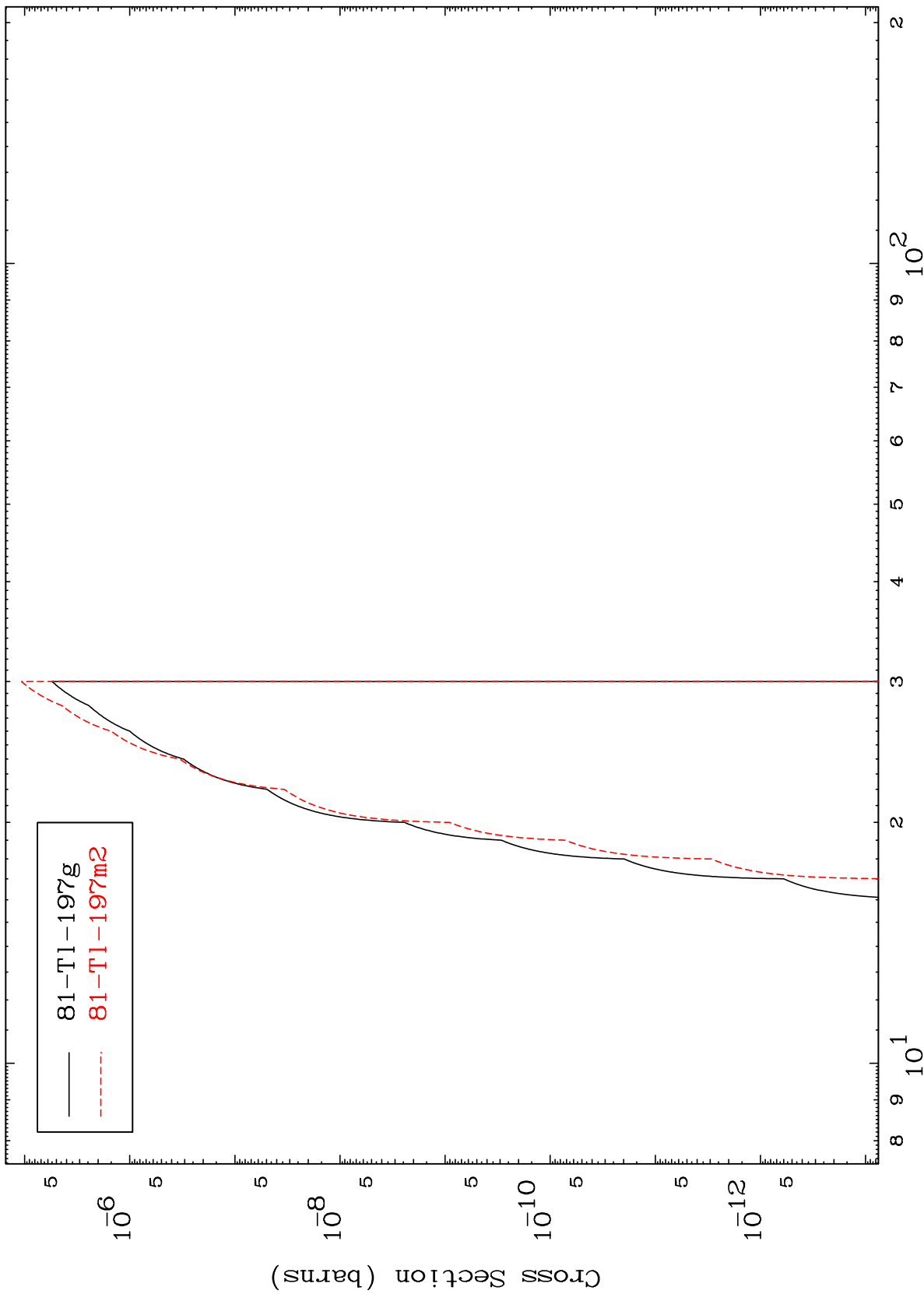


MAT 8107

(n,2n) p

81-Tl-197

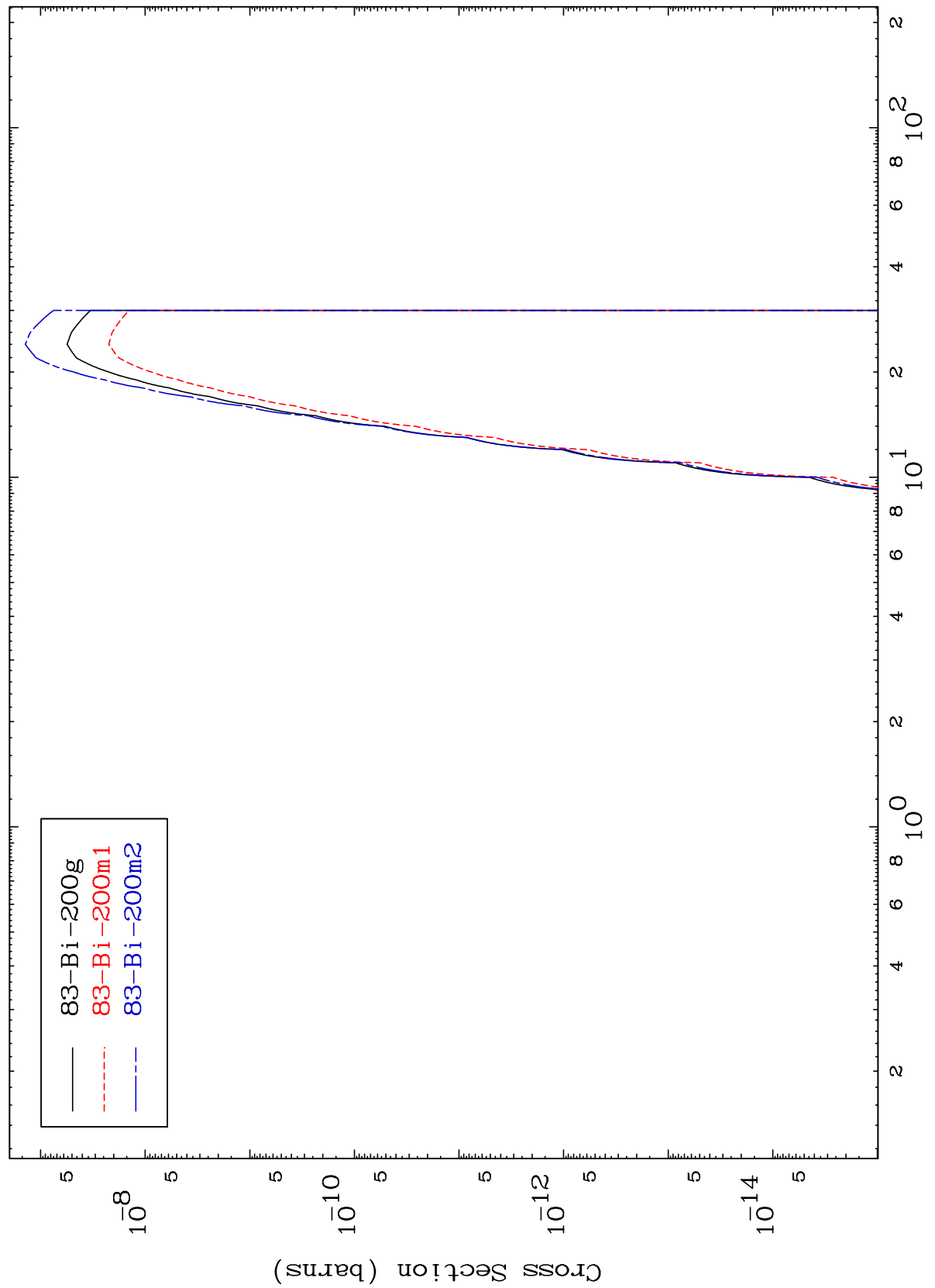
Radionuclide Production Cross Section



MAT 8107

81-Tl-197

(n,γ)
Radionuclide Production Cross Section



83-Bi-200g
83-Bi-200m1
83-Bi-200m2

81-Tl-197

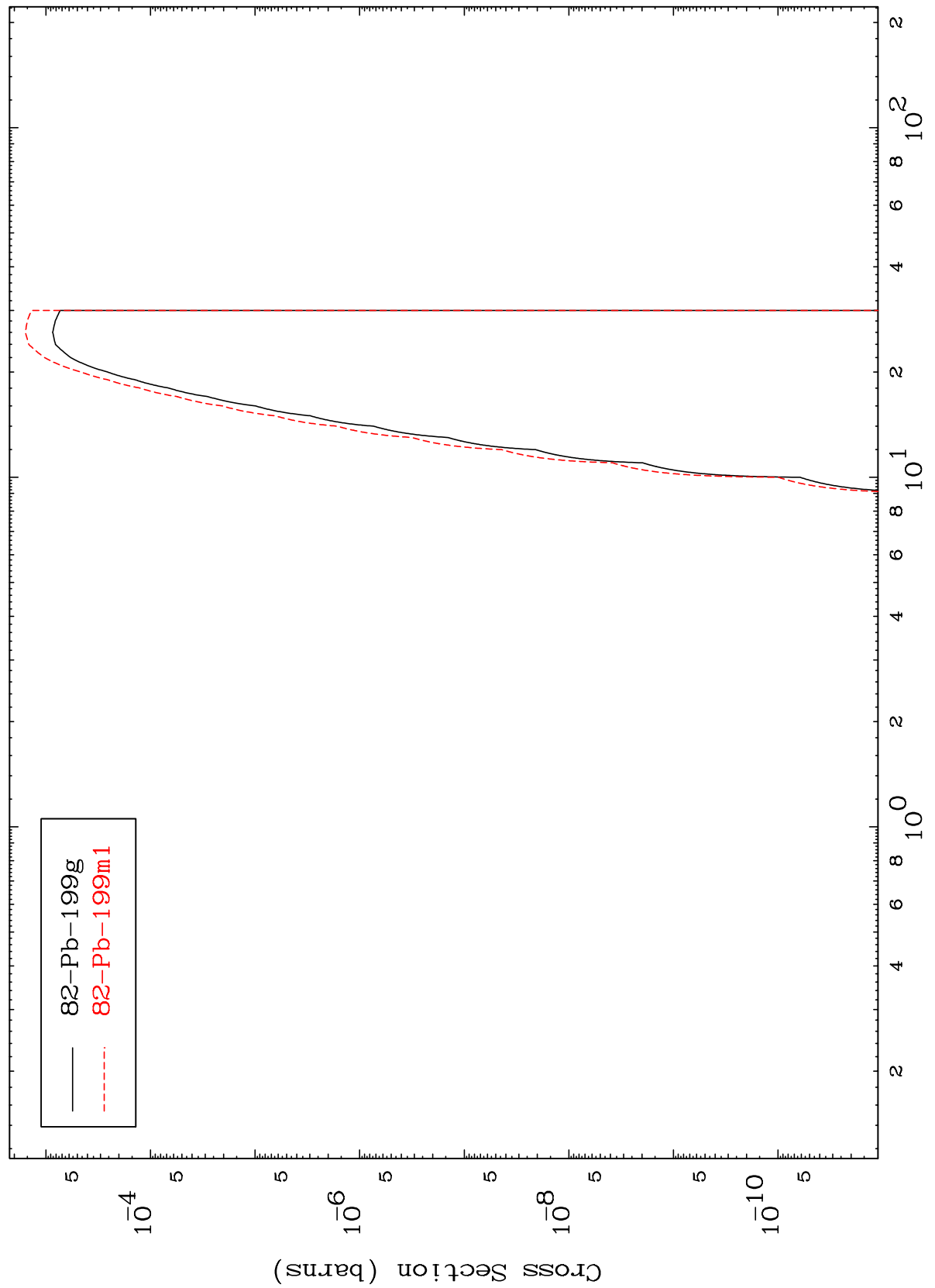
Incident Energy (MeV)

23

MAT 8107

81-Tl-197

(n,p)
Radionuclide Production Cross Section



81-Tl-197

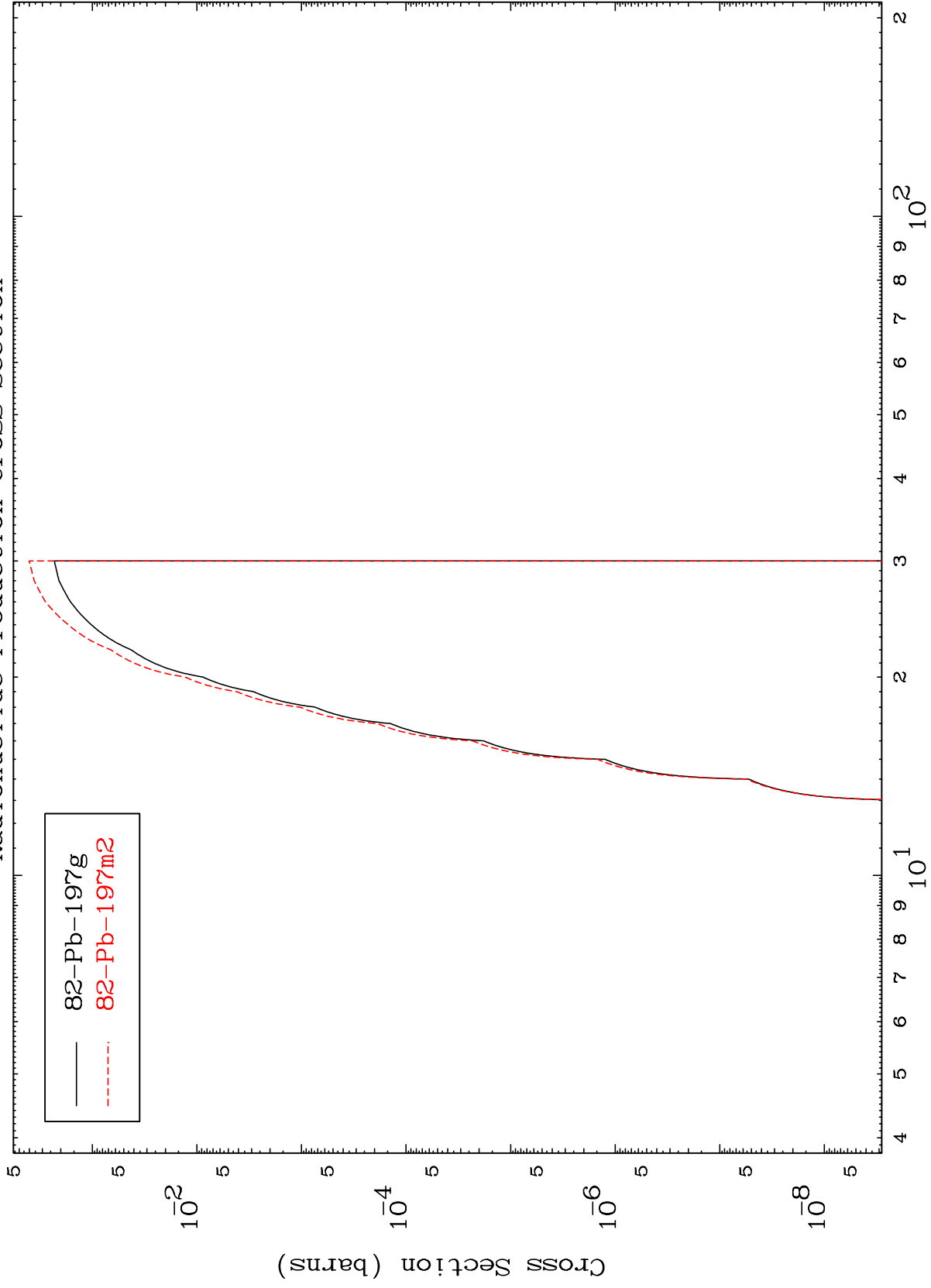
Incident Energy (MeV)

24

MAT 8107

81-Tl-197

(n, t)
Radionuclide Production Cross Section



Incident Energy (MeV)

81-Tl-197

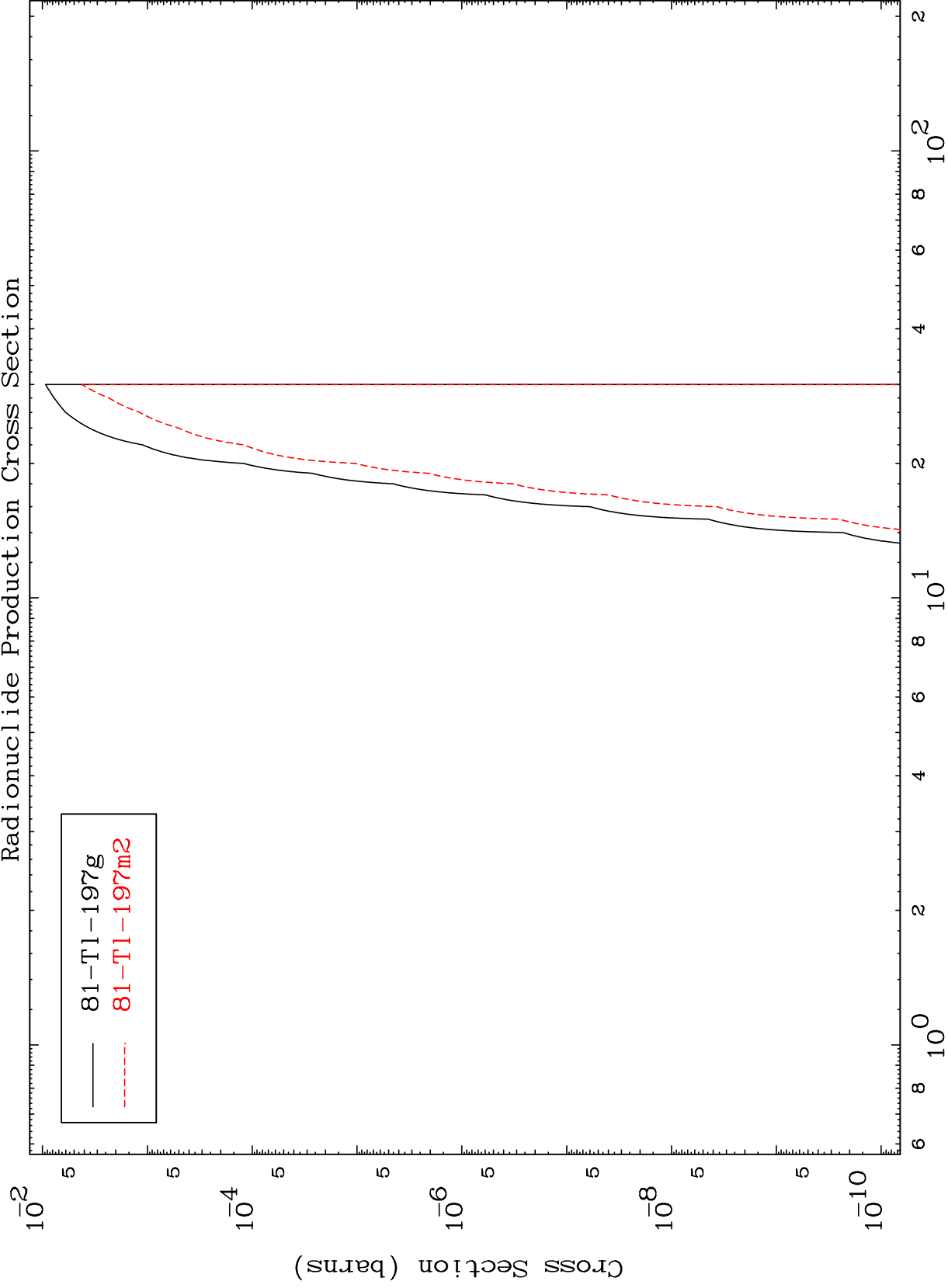
25

MAT 8107

(n,He-3)

81-Tl-197

Radionuclide Production Cross Section



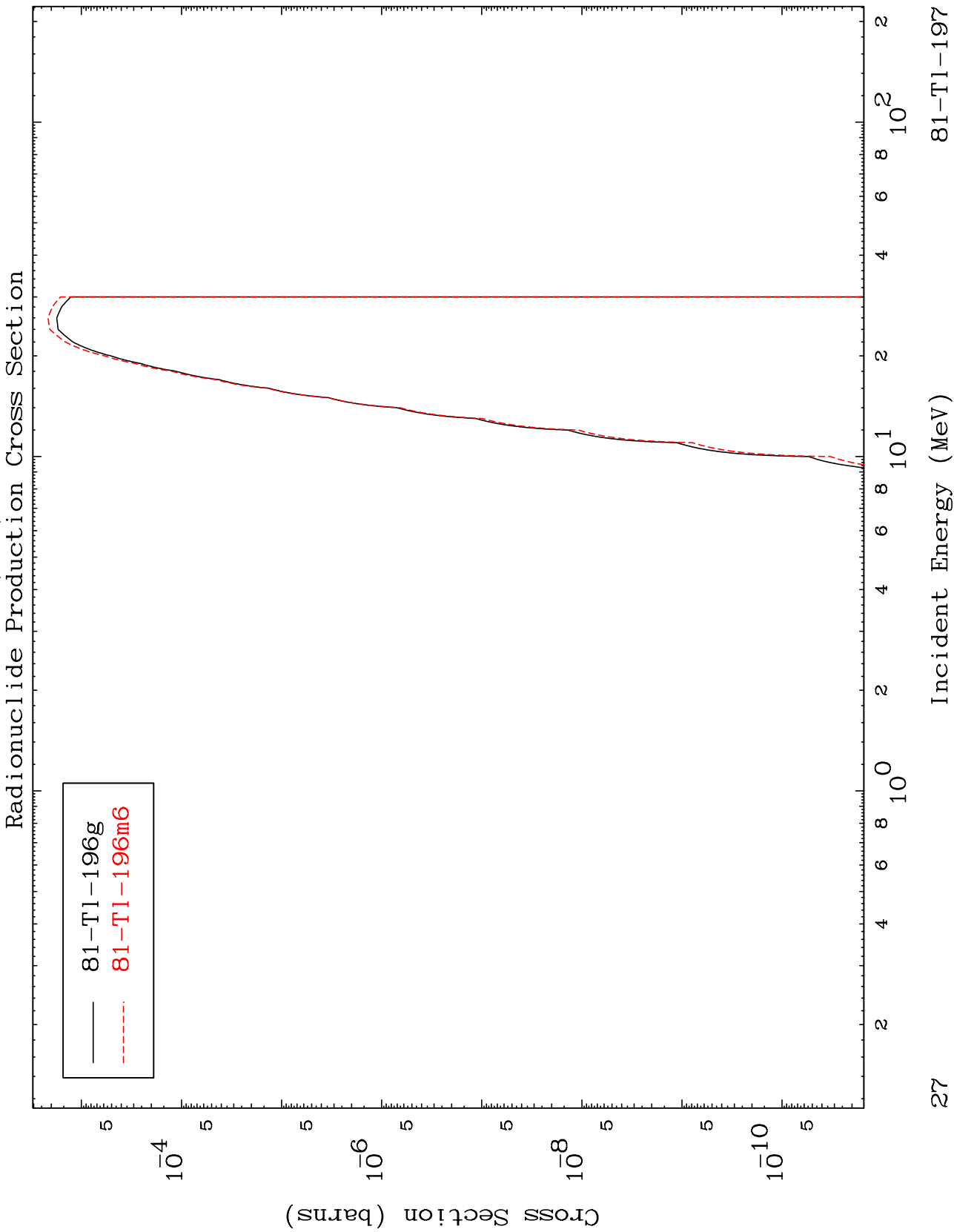
26

Incident Energy (MeV)

81-Tl-197

MAT 8107

81-Tl-197

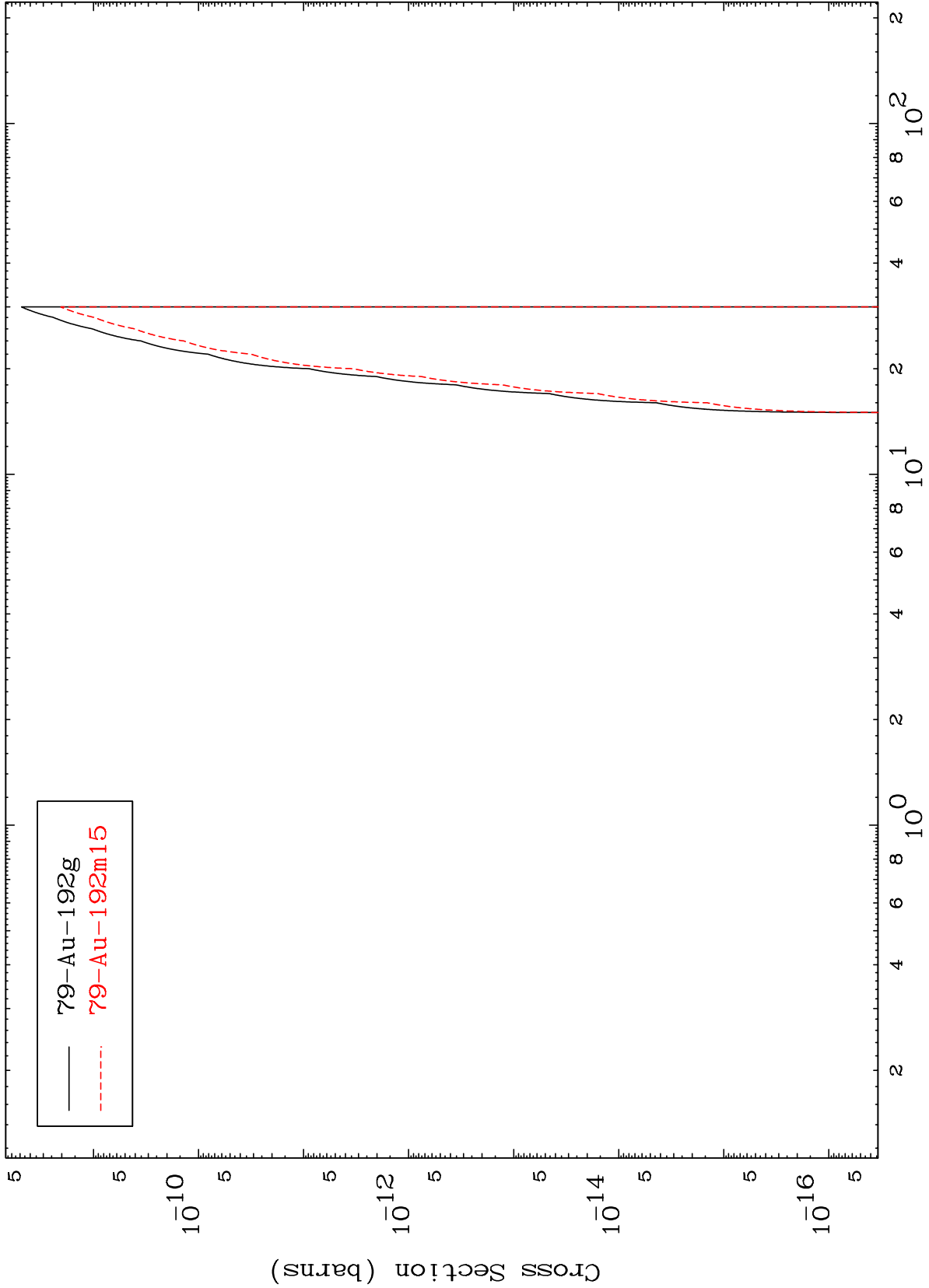


MAT 8107

(n,2α)

81-Tl-197

Radionuclide Production Cross Section

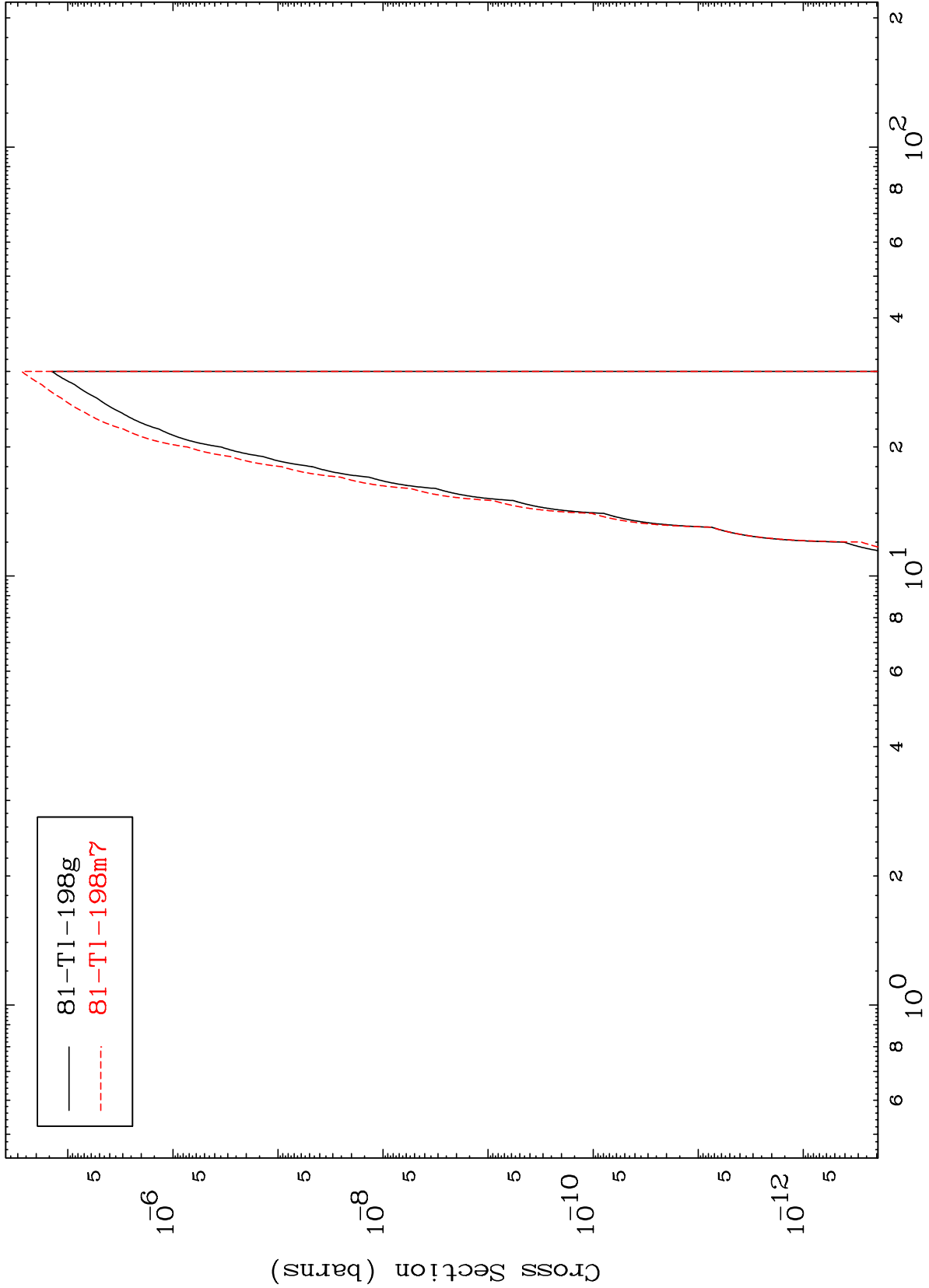
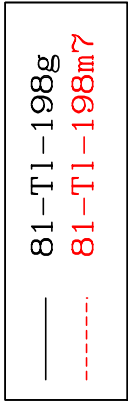


MAT 8107

(n,2p)

81-Tl-197

Radionuclide Production Cross Section



29

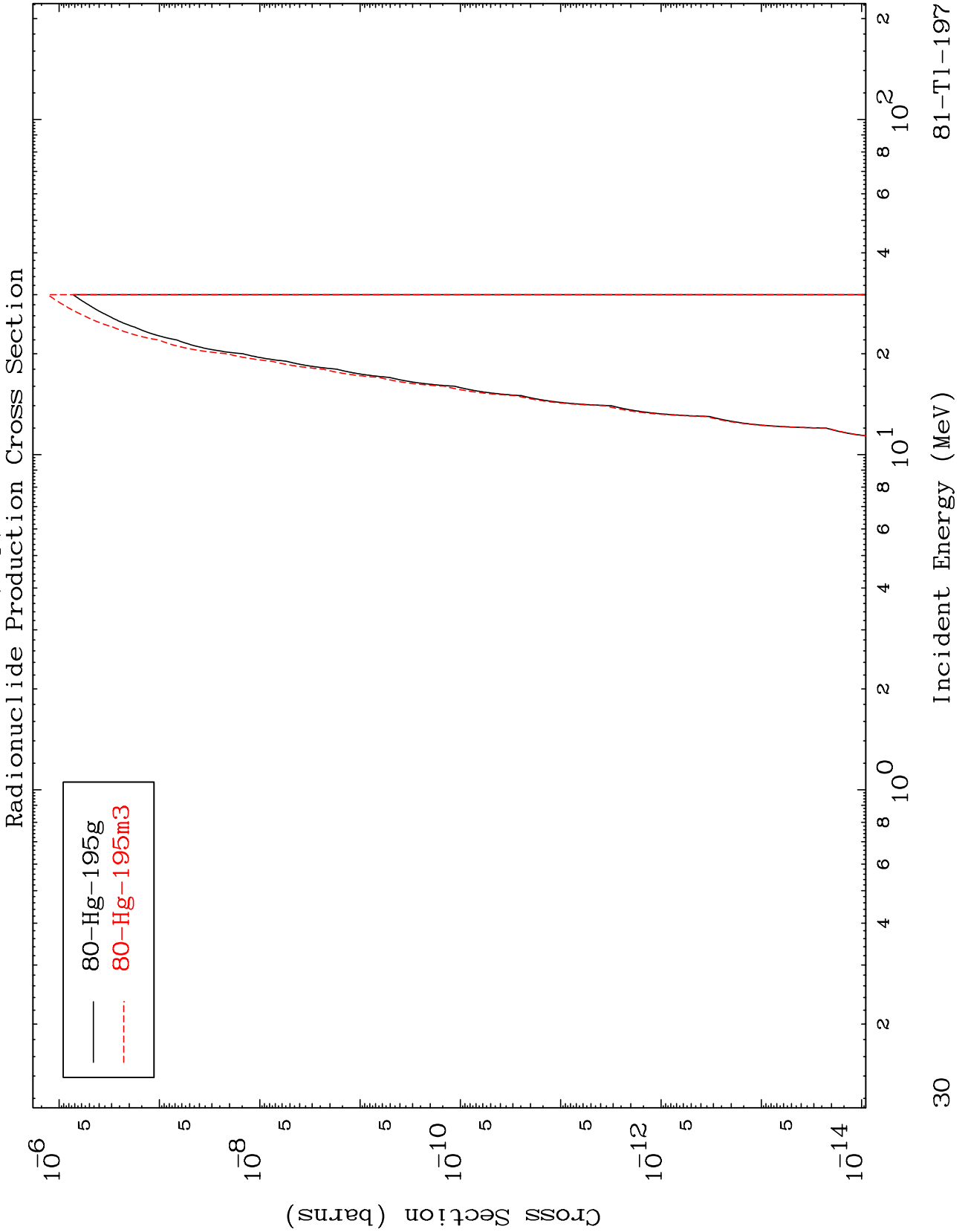
Incident Energy (MeV)

81-Tl-197

MAT 8107

(n,p) α

81-Tl-197

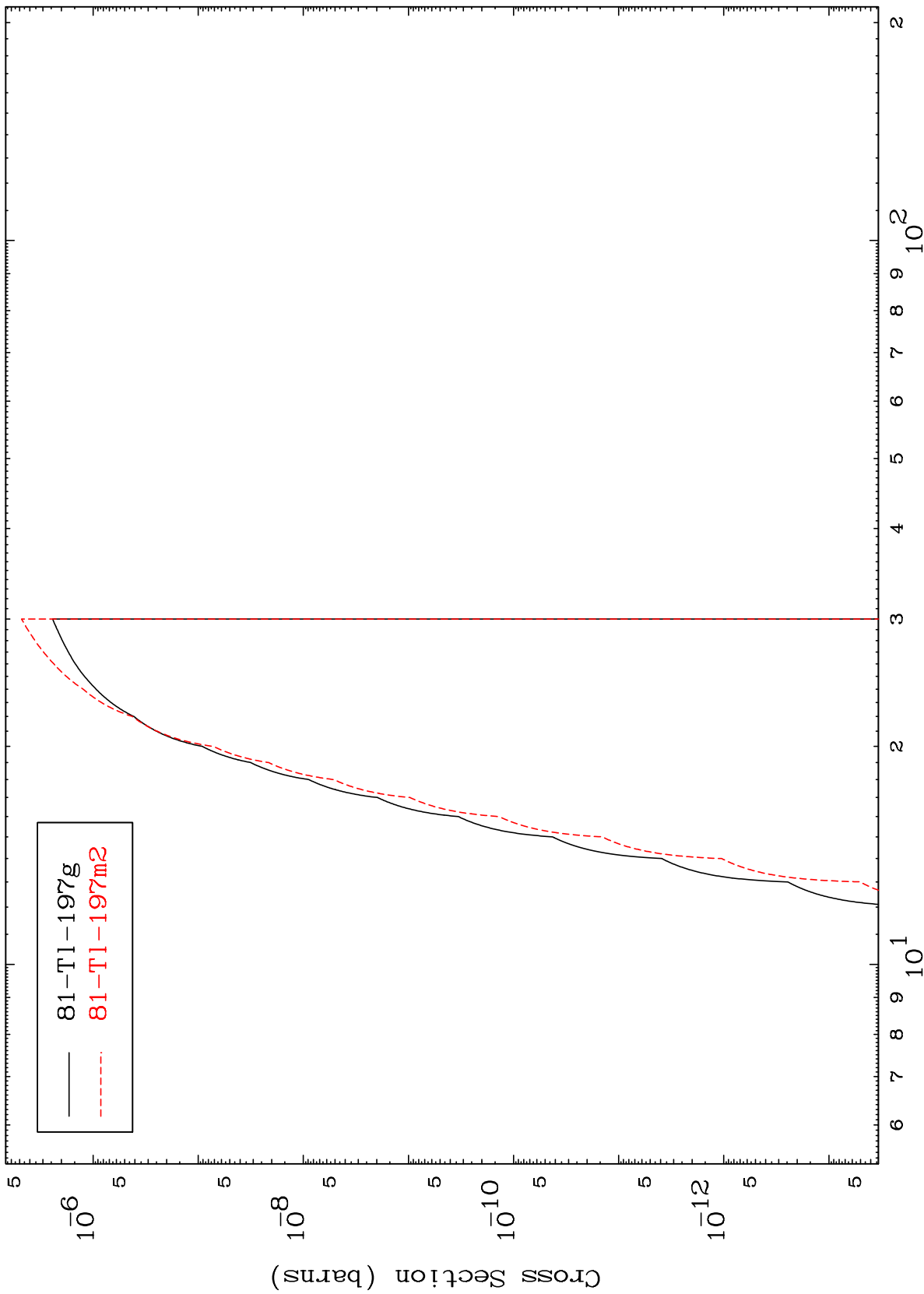


MAT 8107

(n,p) d

81-Tl-197

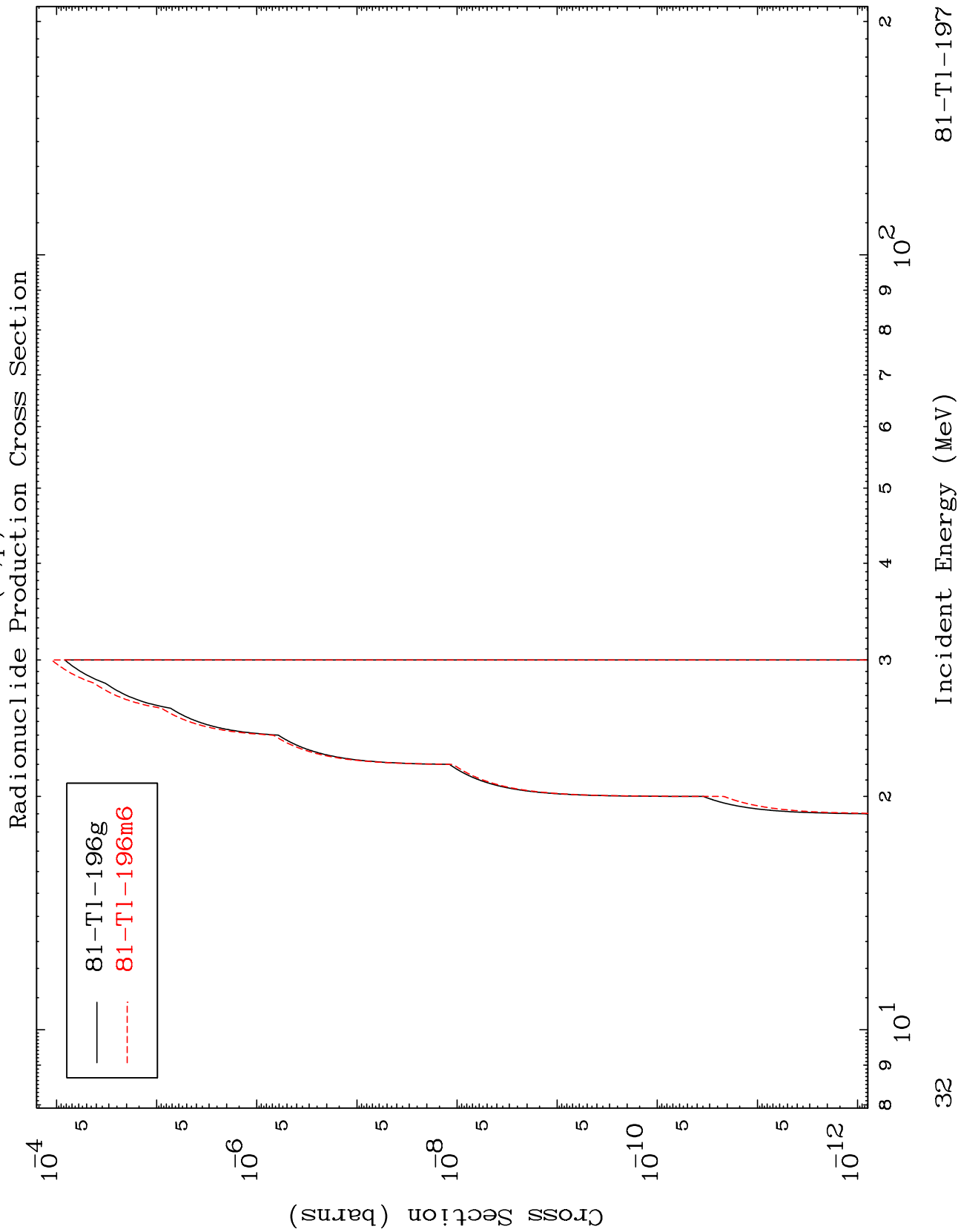
Radionuclide Production Cross Section



MAT 8107

(n,p) t

81-Tl-197



32

81-Tl-197