

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

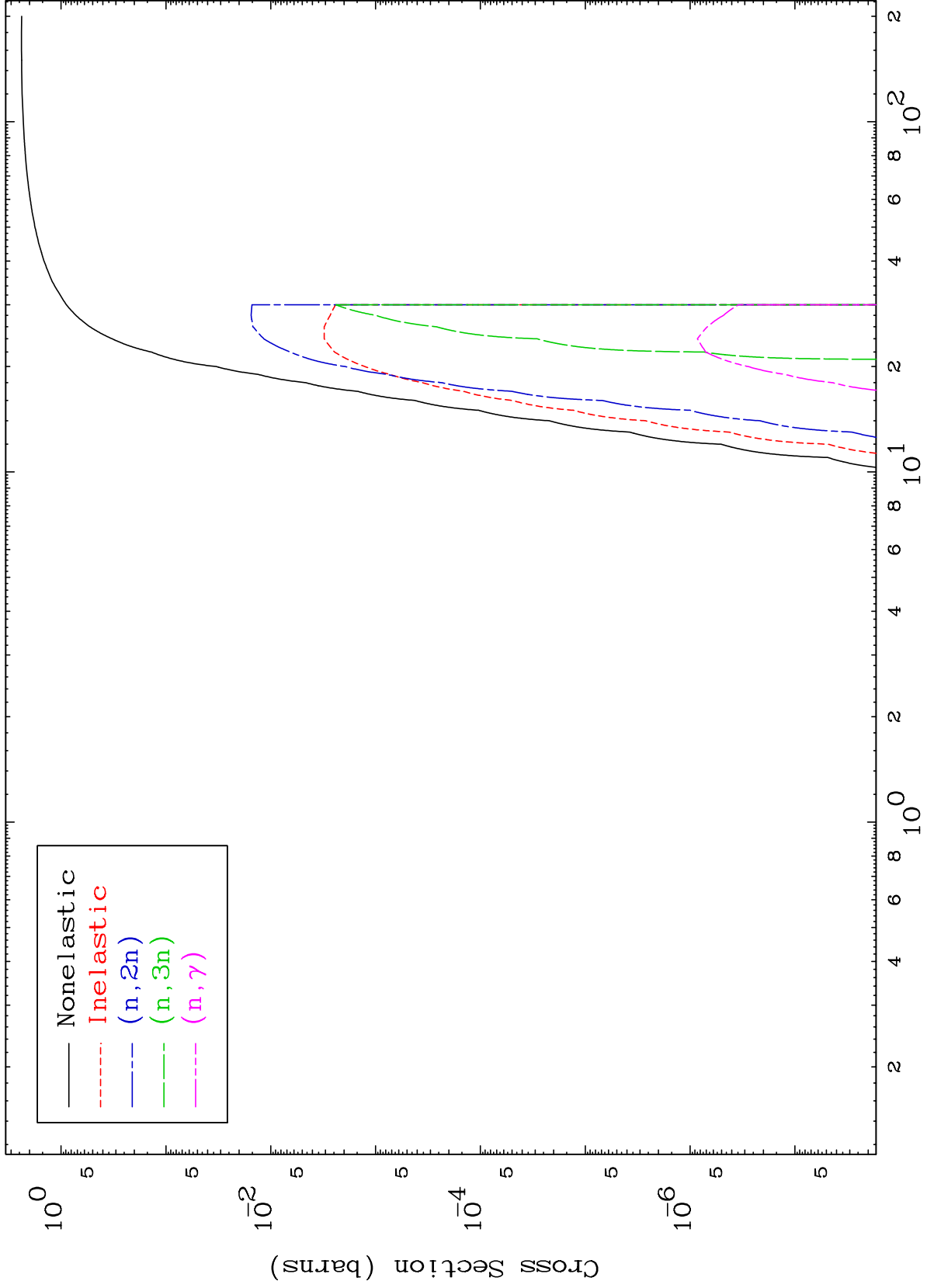
Press Mouse Button to Start

MAT 8204

He-3 Major

82-Pb-197

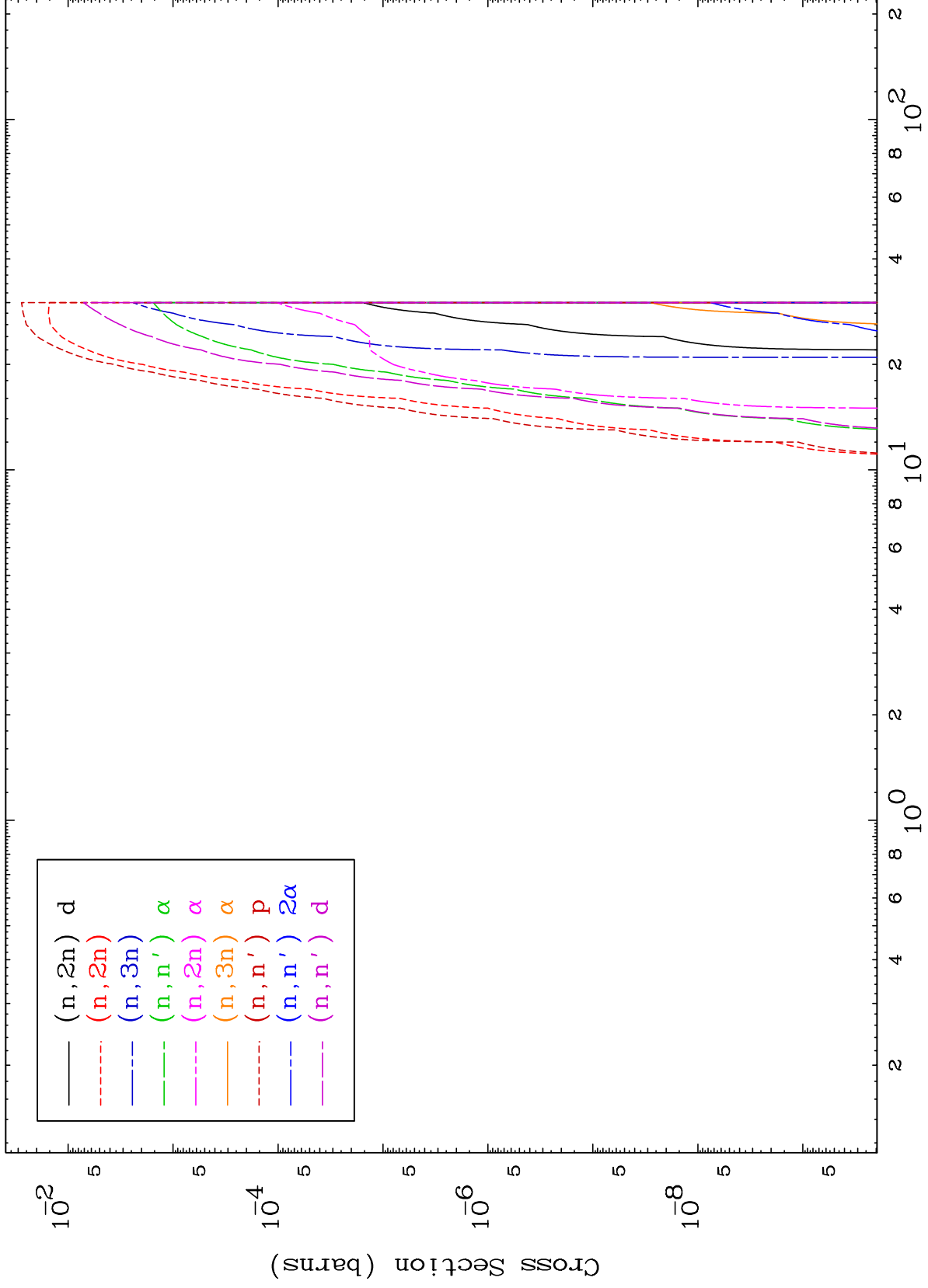
0 Kelvin Cross Sections



MAT 8204

He-3 Neutron Absorption
0 Kelvin Cross Sections

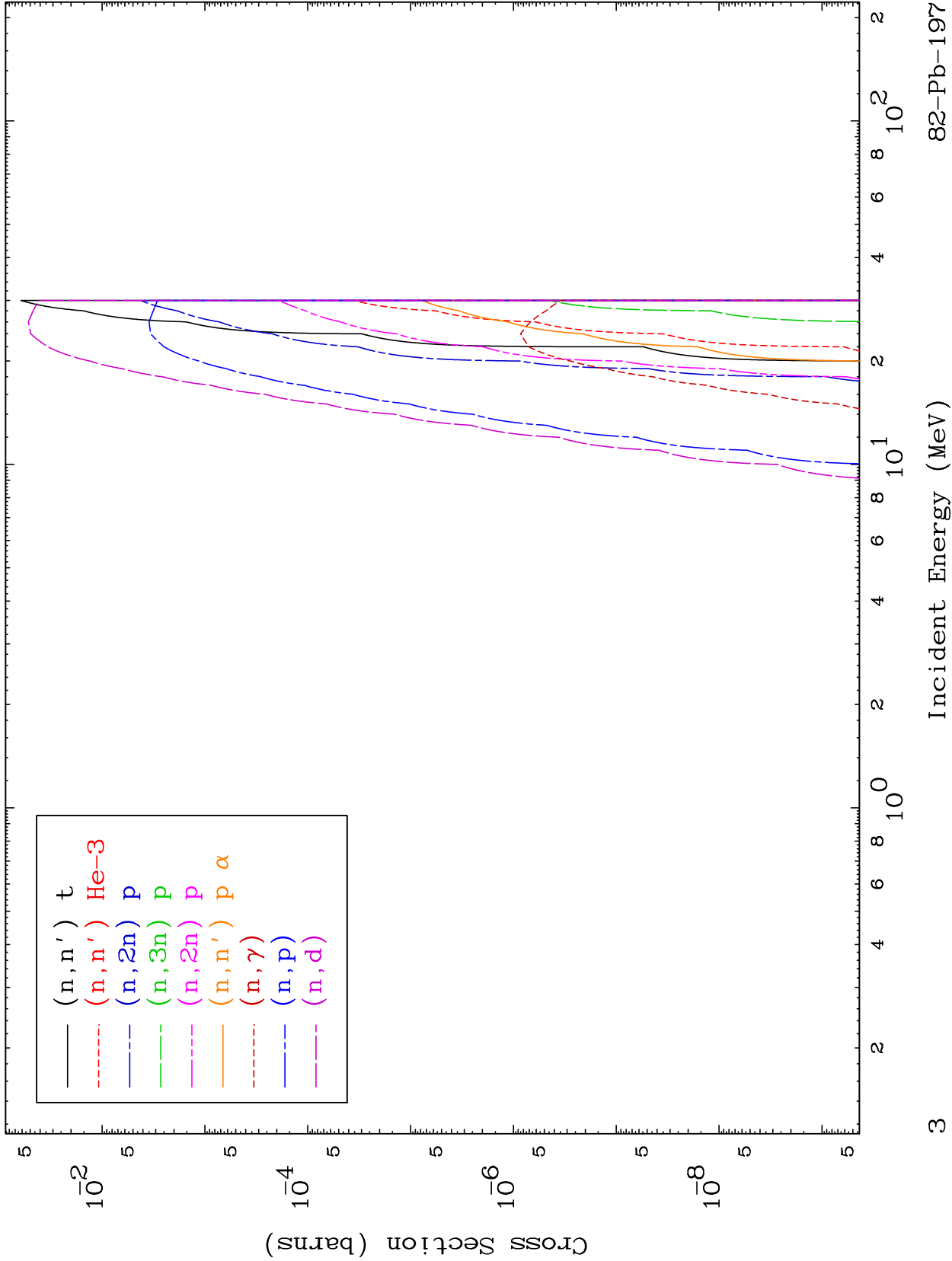
82-Pb-197



MAT 8204

He-3 Neutron Absorption
0 Kelvin Cross Sections

82-Pb-197



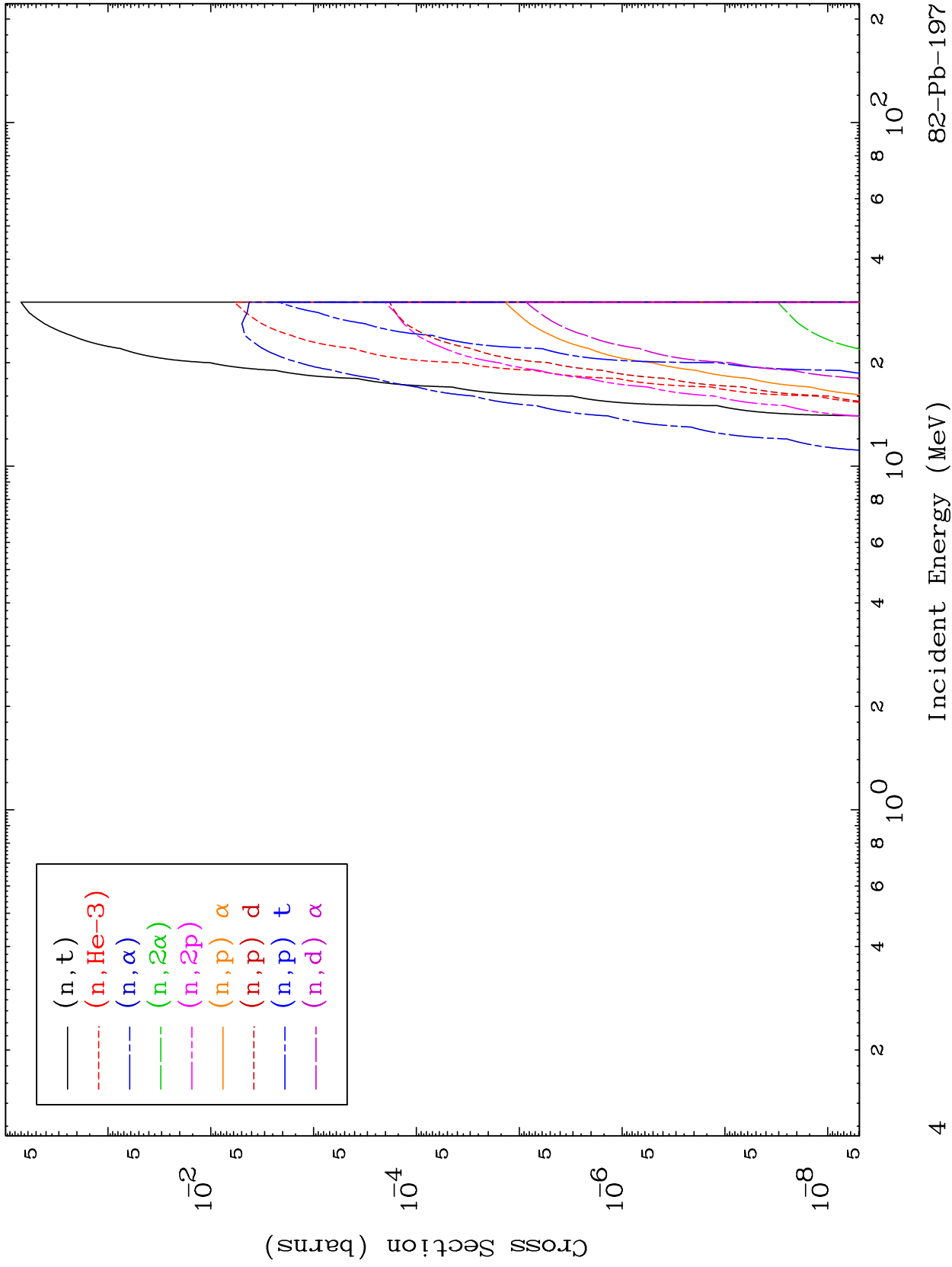
82-Pb-197

Incident Energy (MeV)

MAT 8204

He-3 Neutron Absorption
0 Kelvin Cross Sections

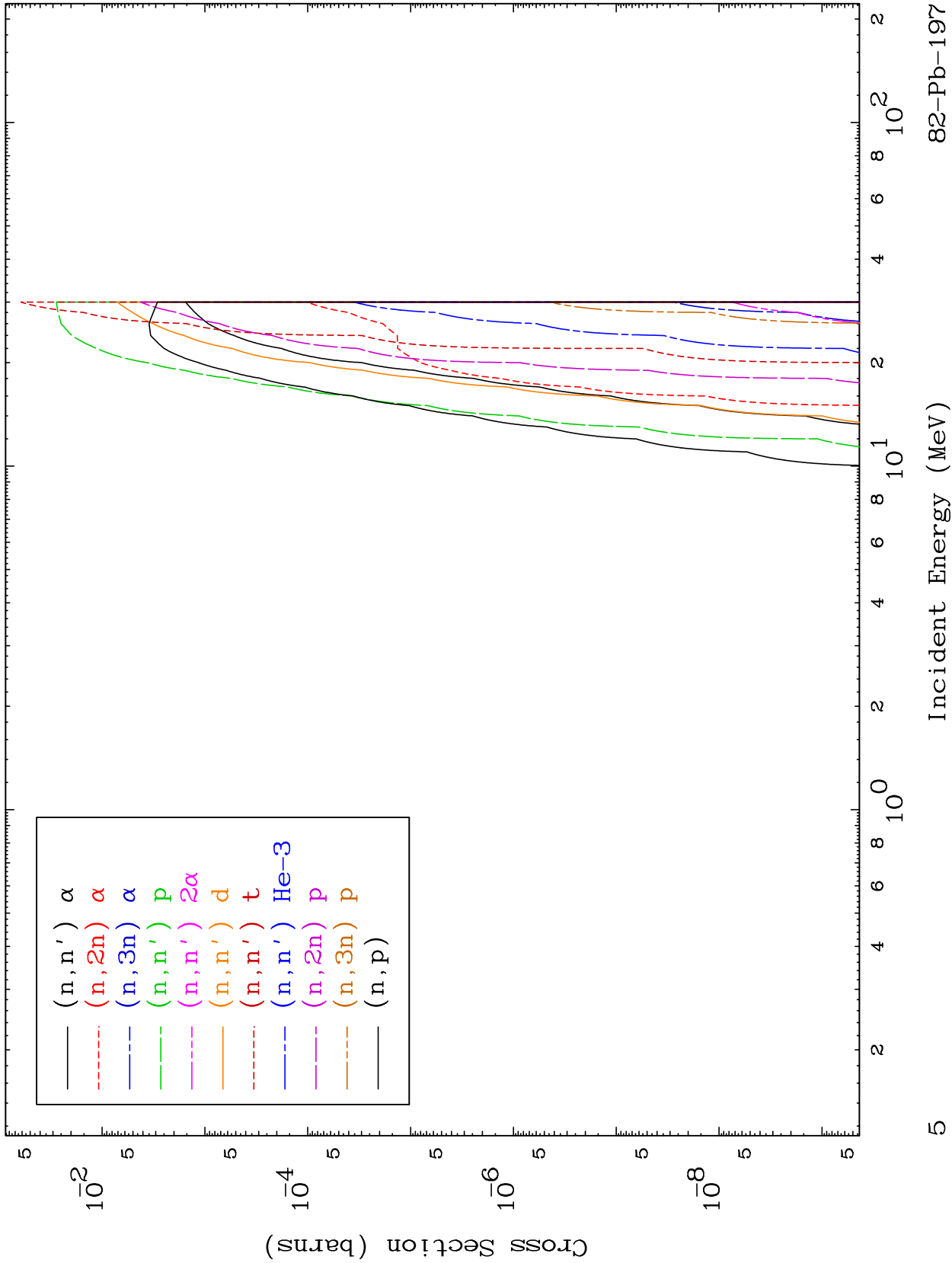
82-Pb-197



MAT 8204

He-3 Charged Particle
0 Kelvin Cross Sections

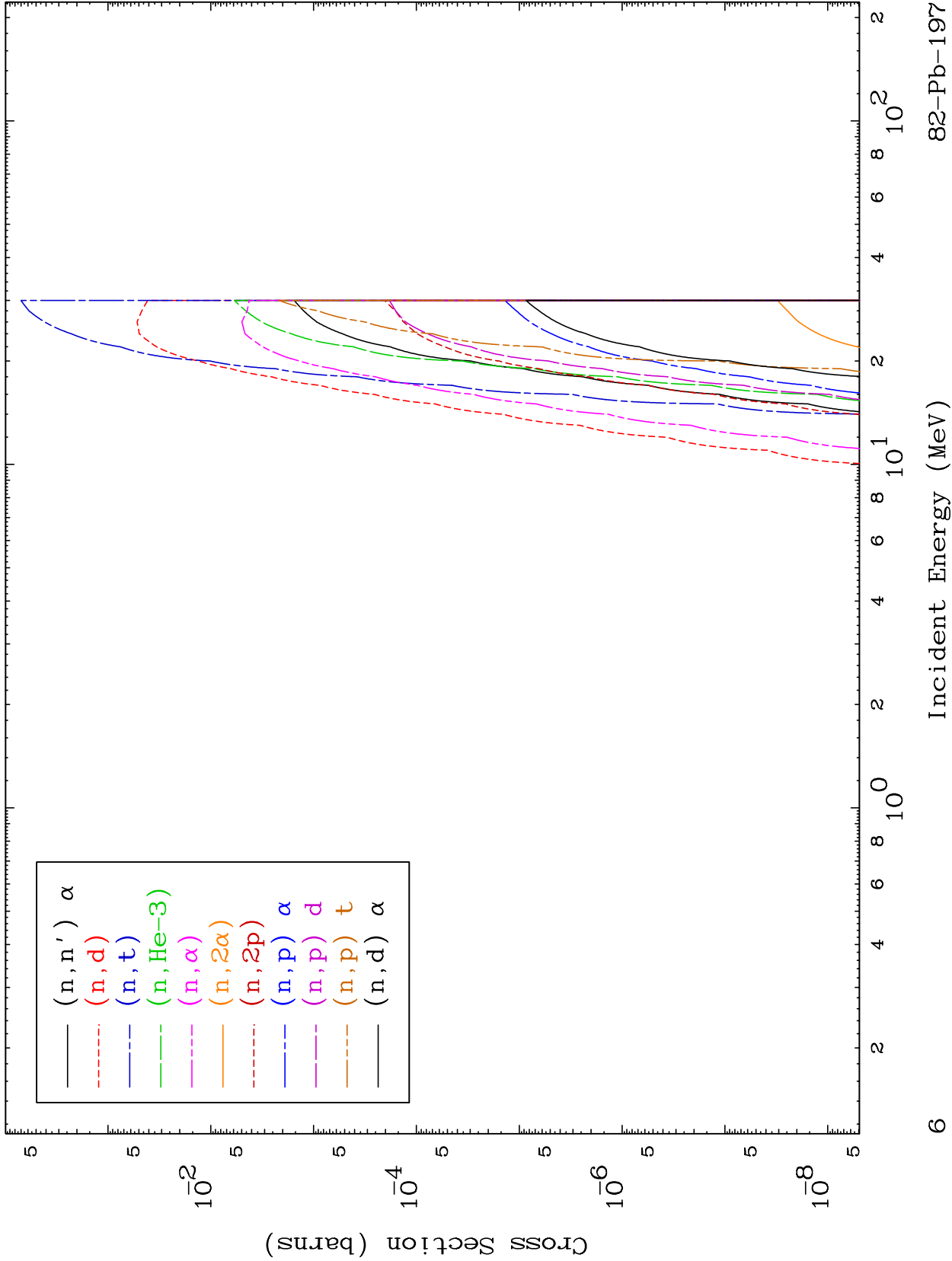
82-Pb-197



MAT 8204

He-3 Charged Particle
0 Kelvin Cross Sections

82-Pb-197

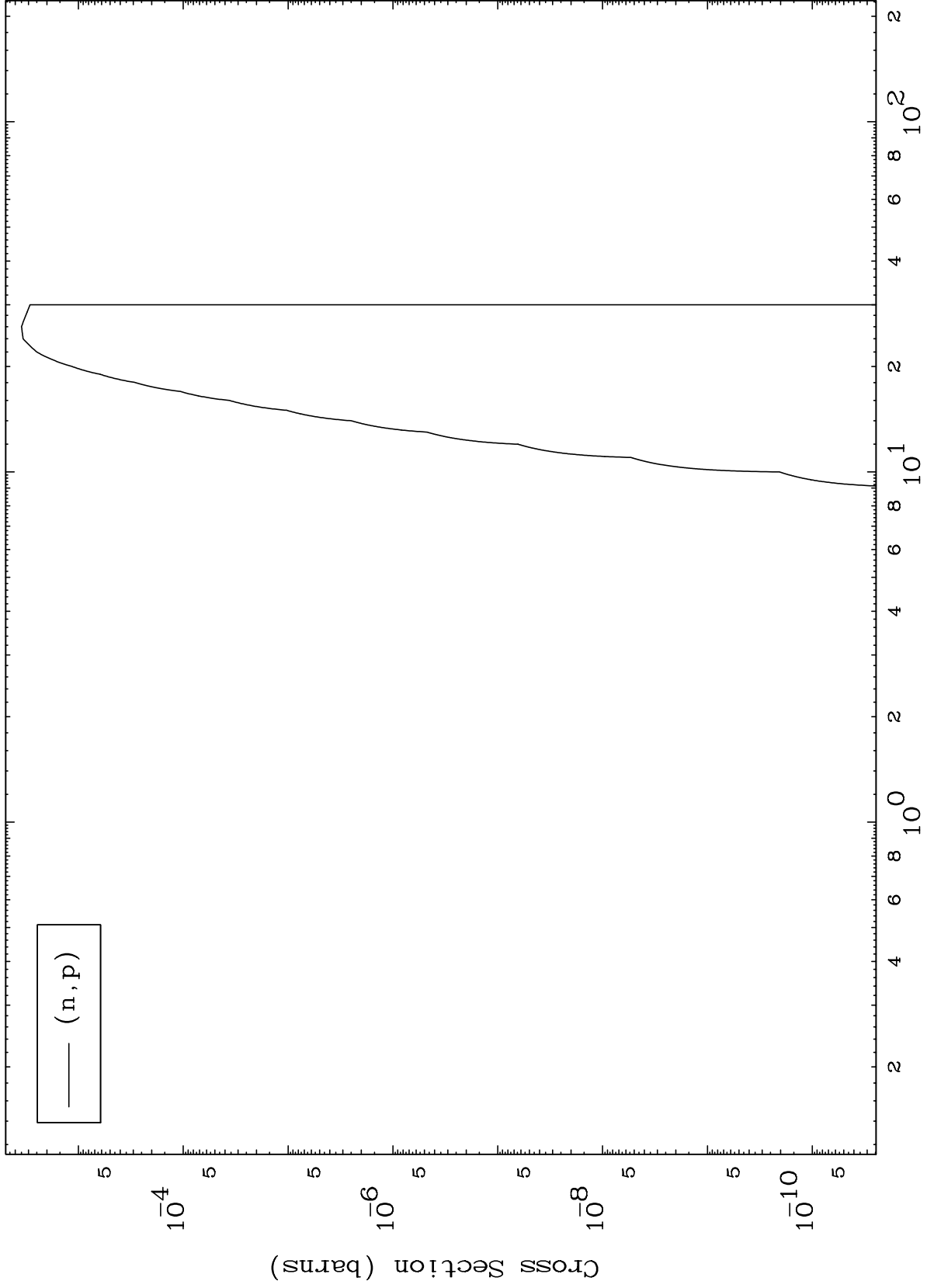


MAT 8204

(He-3,p) Levels

82-Pb-197

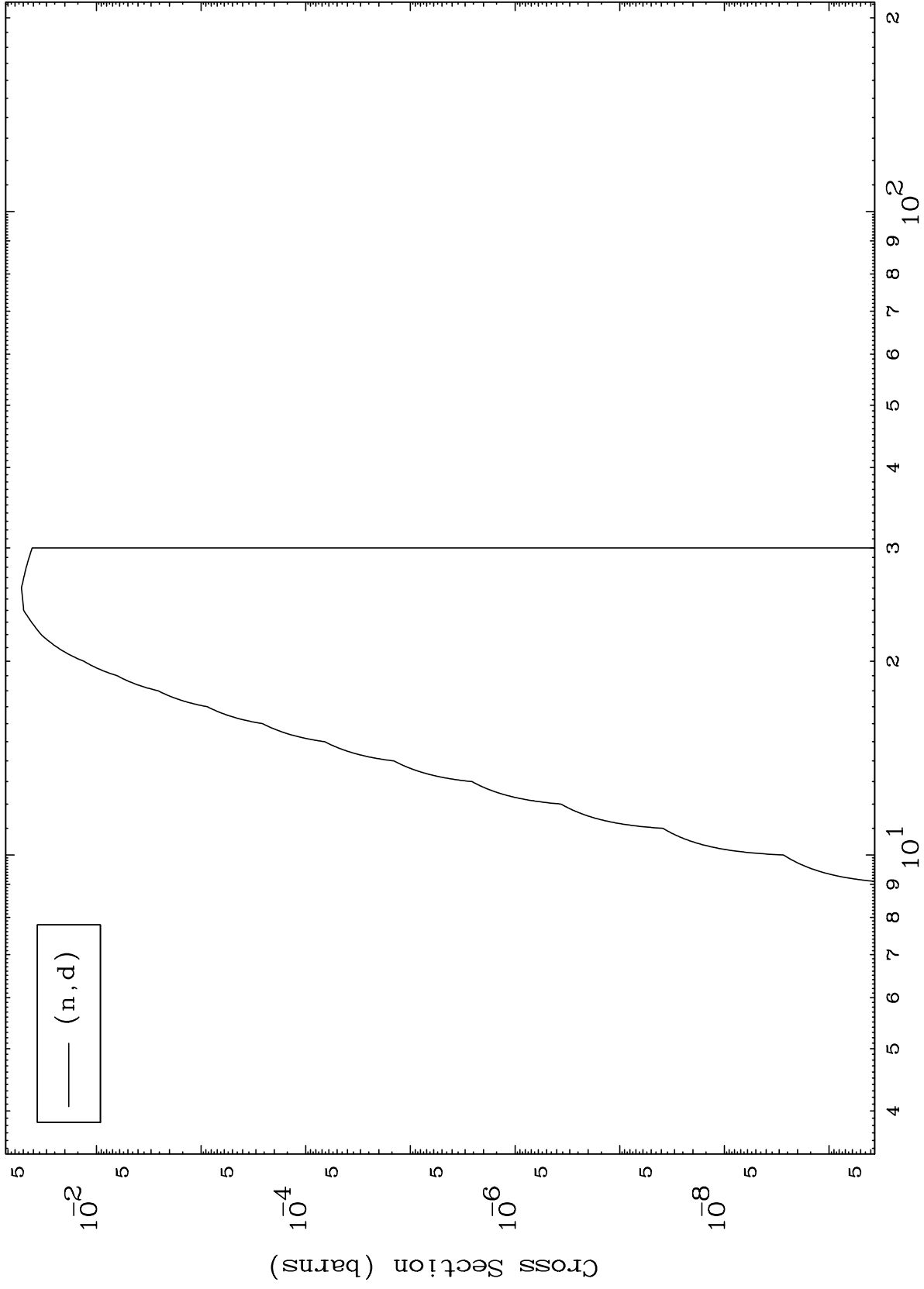
0 Kelvin Cross Sections



MAT 8204

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

82-Pb-197

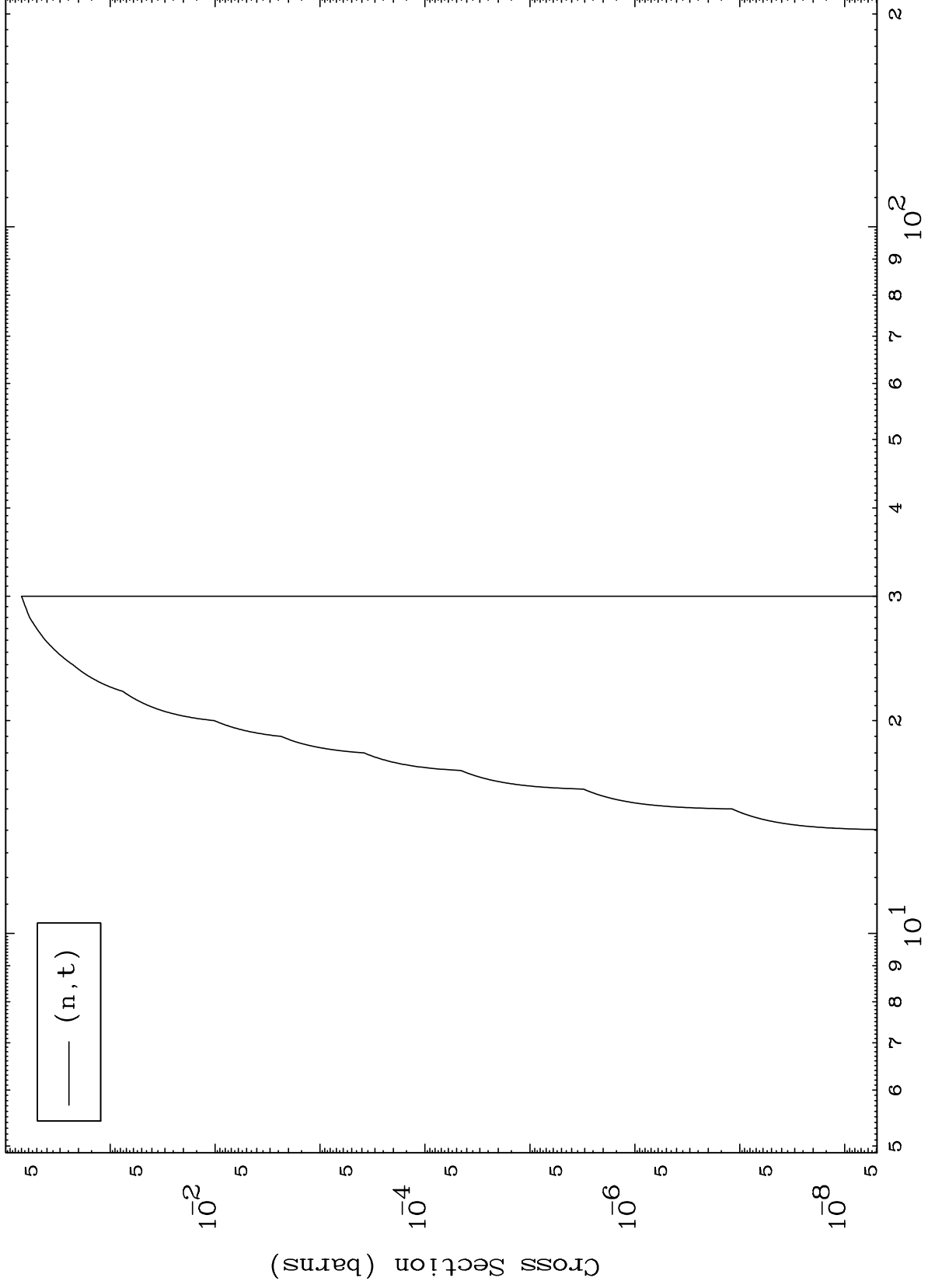


(n,d)

MAT 8204

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

82-Pb-197



(n, t)

9

Incident Energy (MeV)

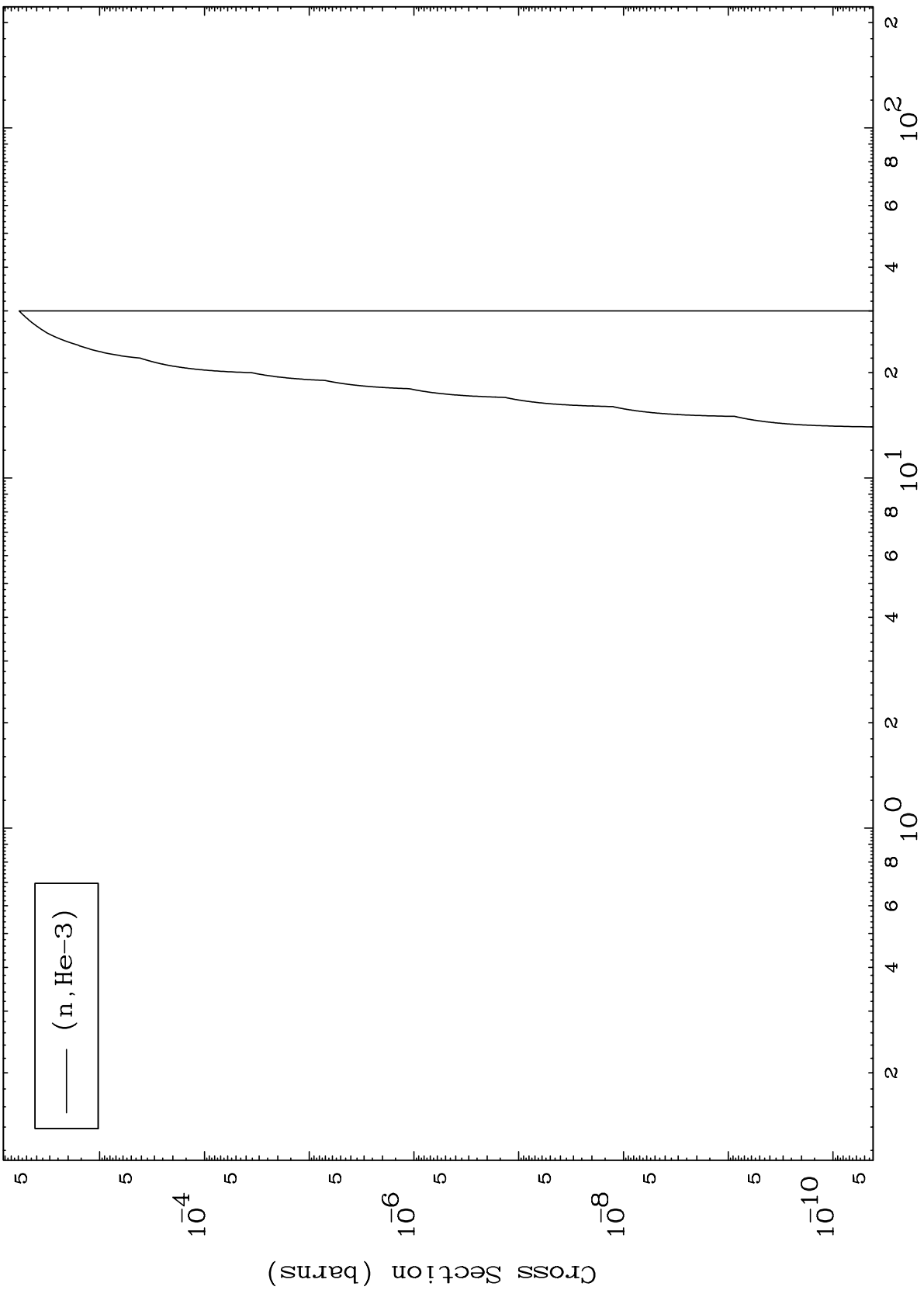
82-Pb-197

MAT 8204

(He-3, He3) Levels

82-Pb-197

0 Kelvin Cross Sections



10

Incident Energy (MeV)

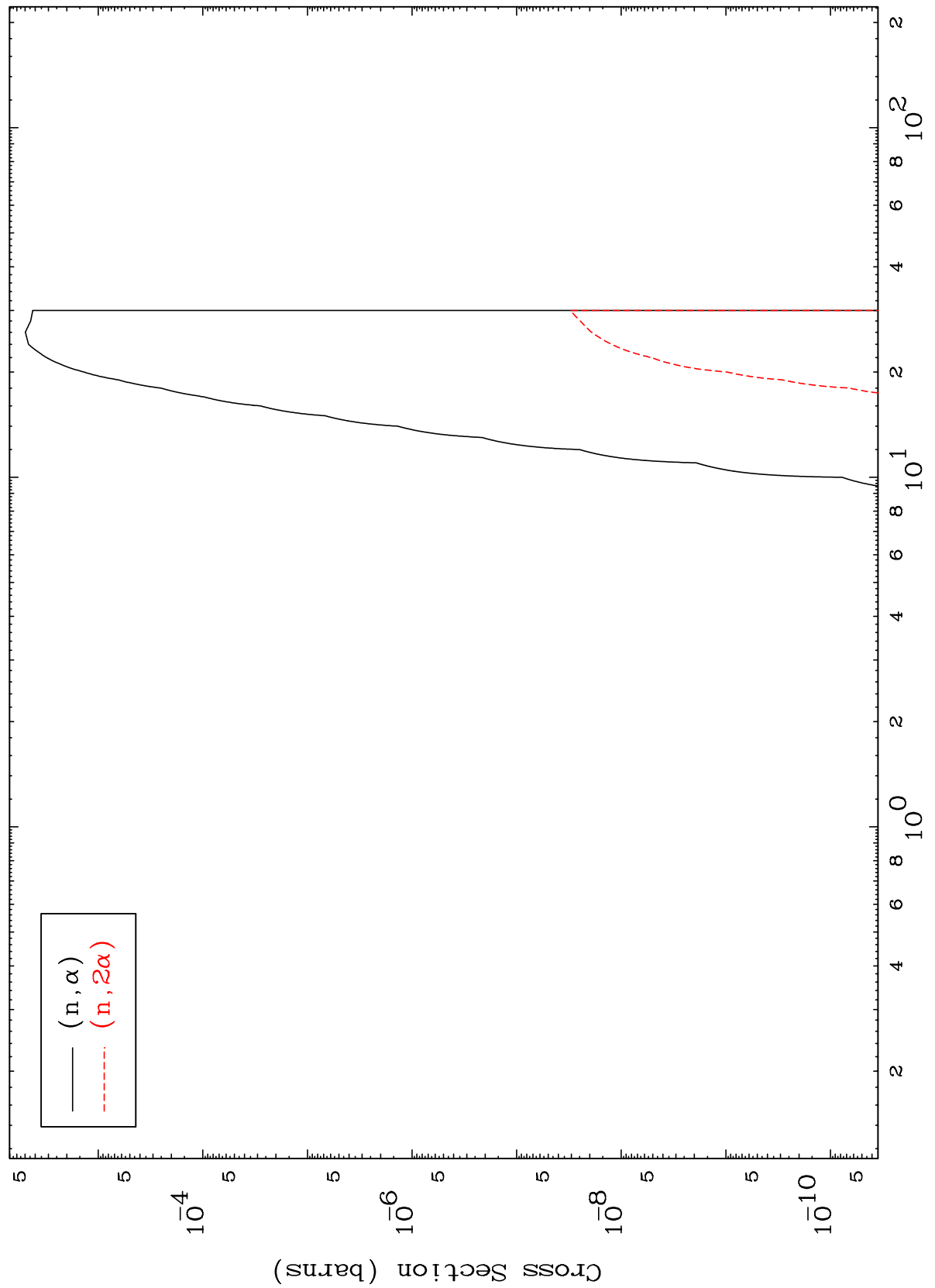
82-Pb-197

MAT 8204

(He-3, α) Levels

82-Pb-197

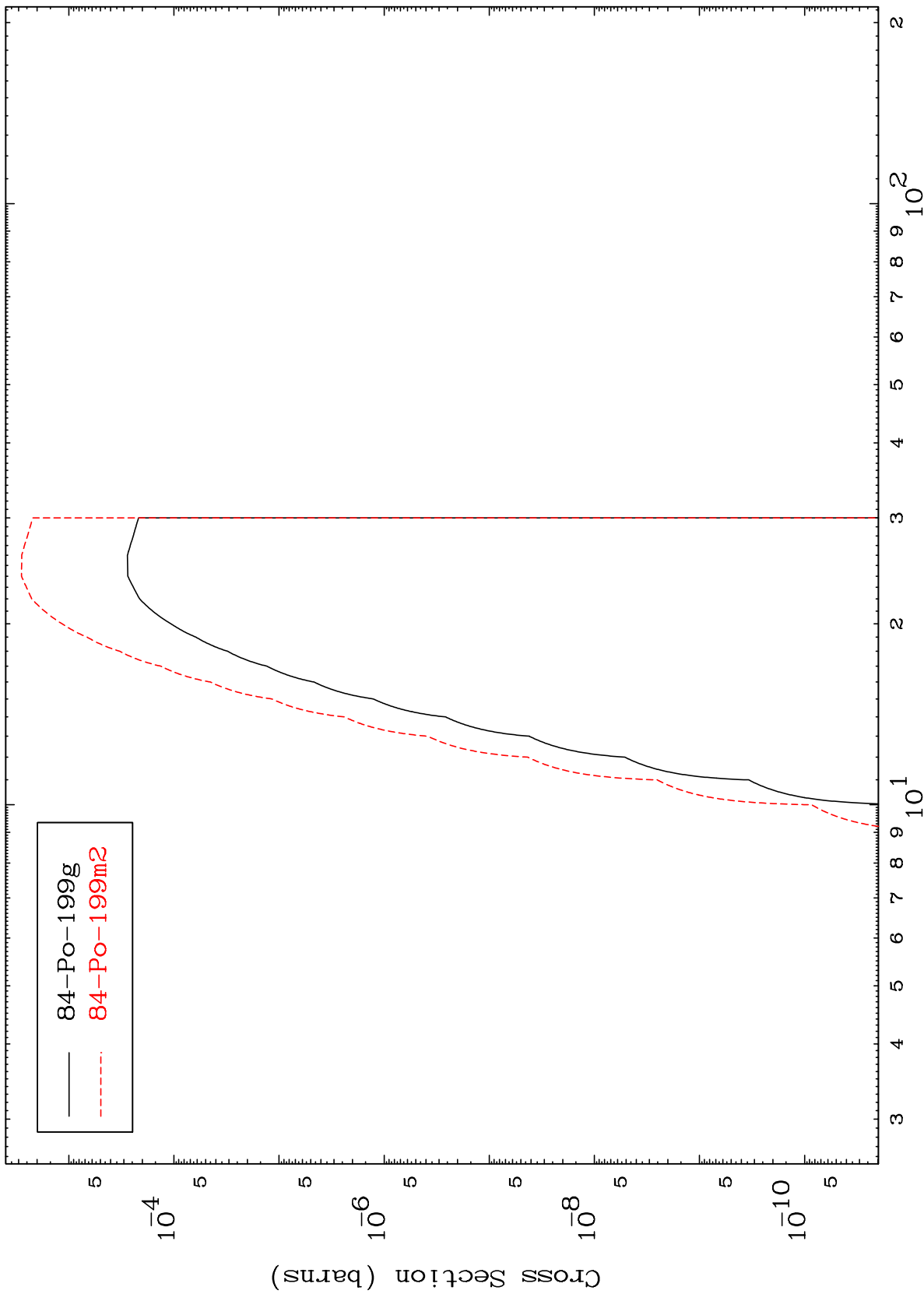
0 Kelvin Cross Sections



MAT 8204

82-Pb-197

Inelastic
Radionuclide Production Cross Section

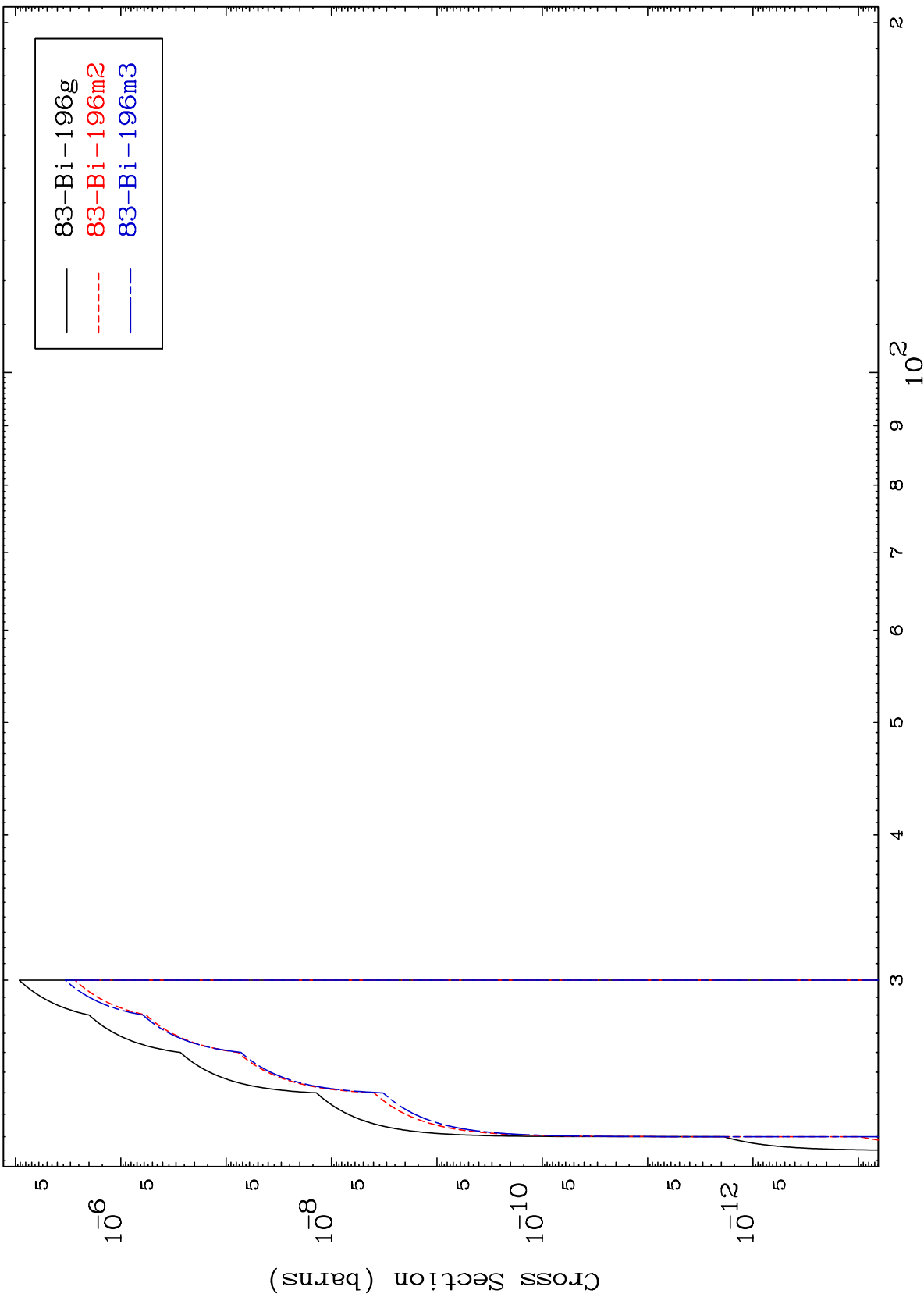


82-Pb-197

Incident Energy (MeV)

12

Radionuclide Production Cross Section

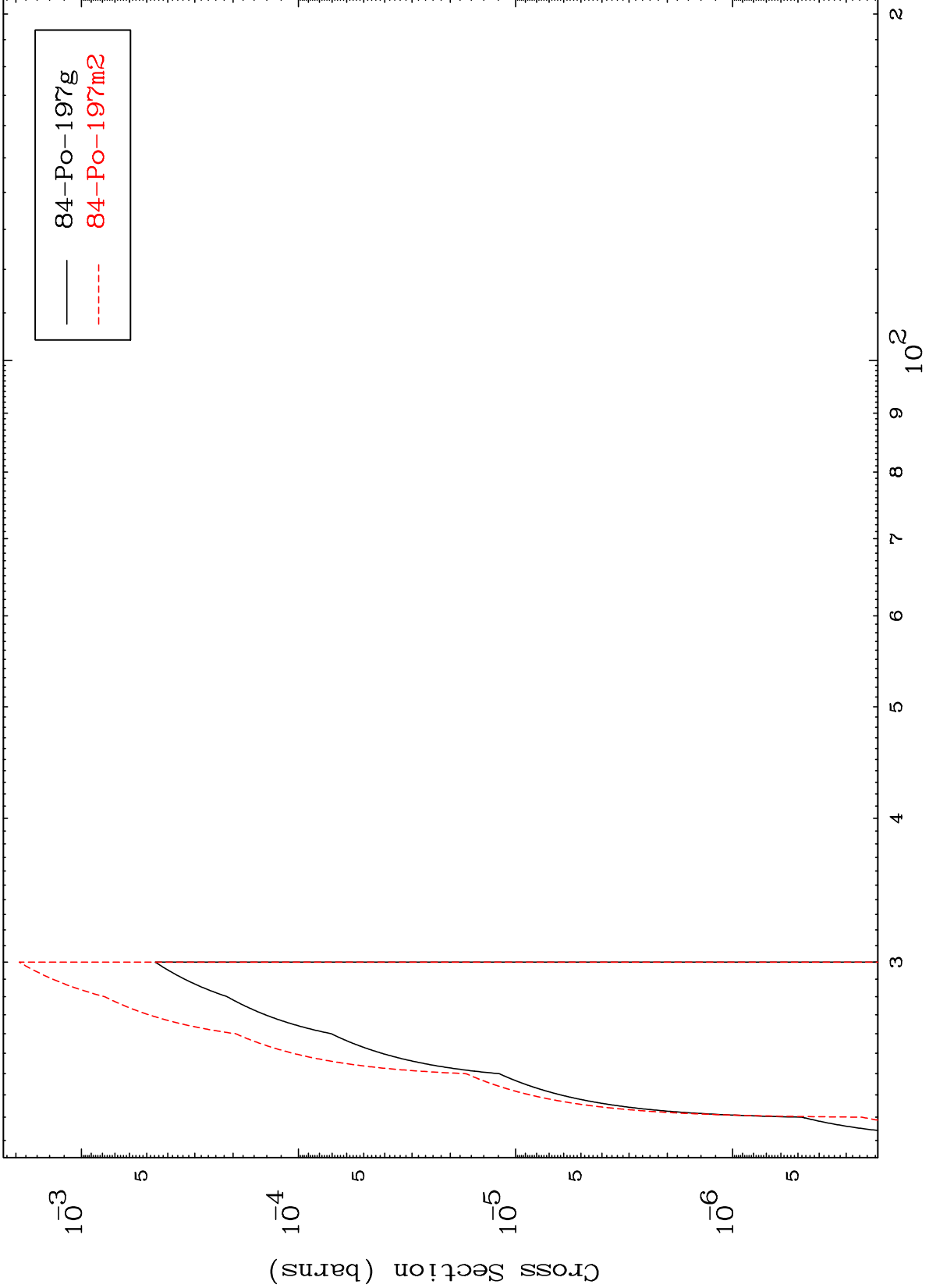


MAT 8204

(n,3n)

82-Pb-197

Radionuclide Production Cross Section



14

Incident Energy (MeV)

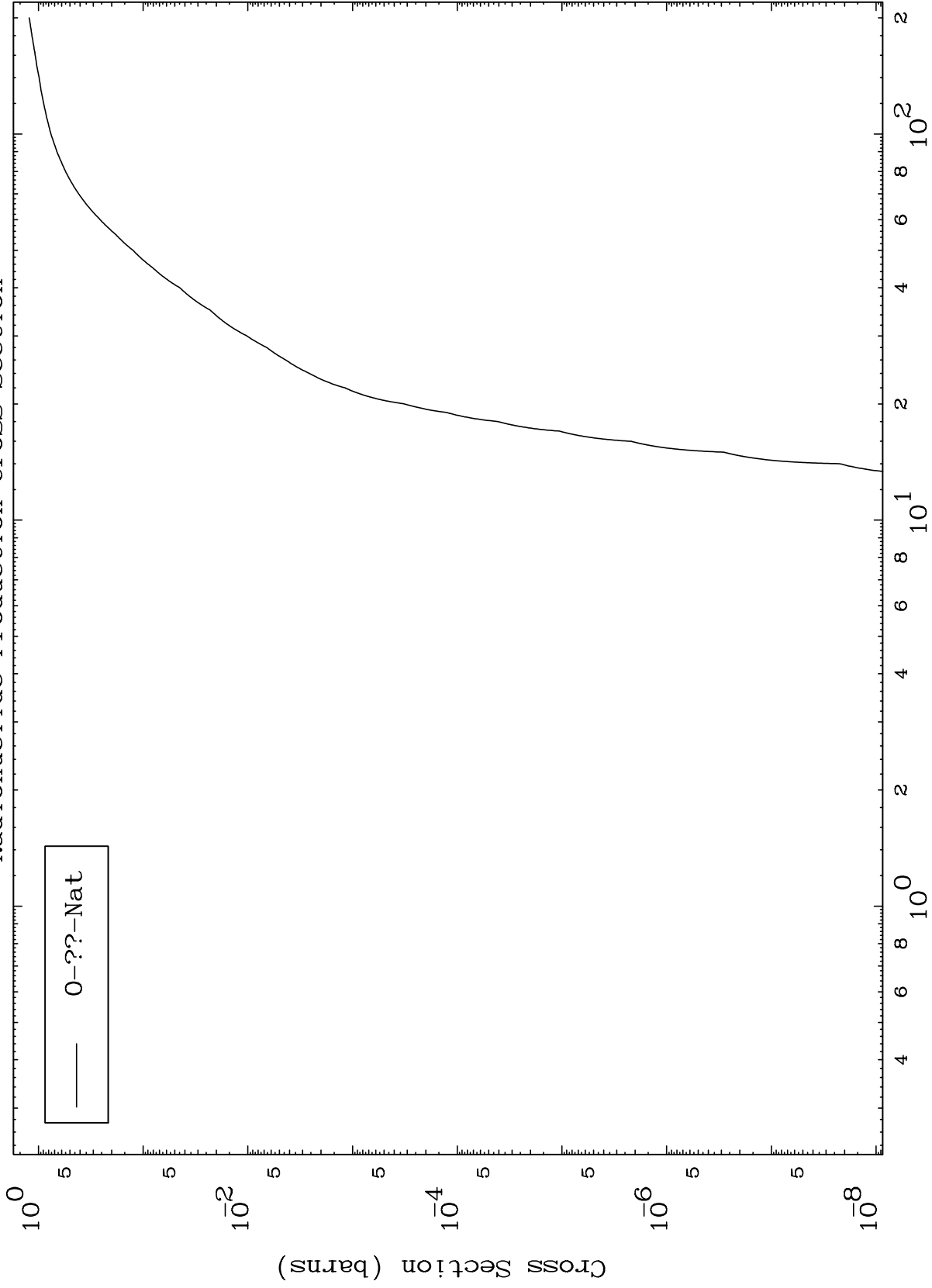
82-Pb-197

MAT 8204

Fission

82-Pb-197

Radionuclide Production Cross Section



15

Incident Energy (MeV)

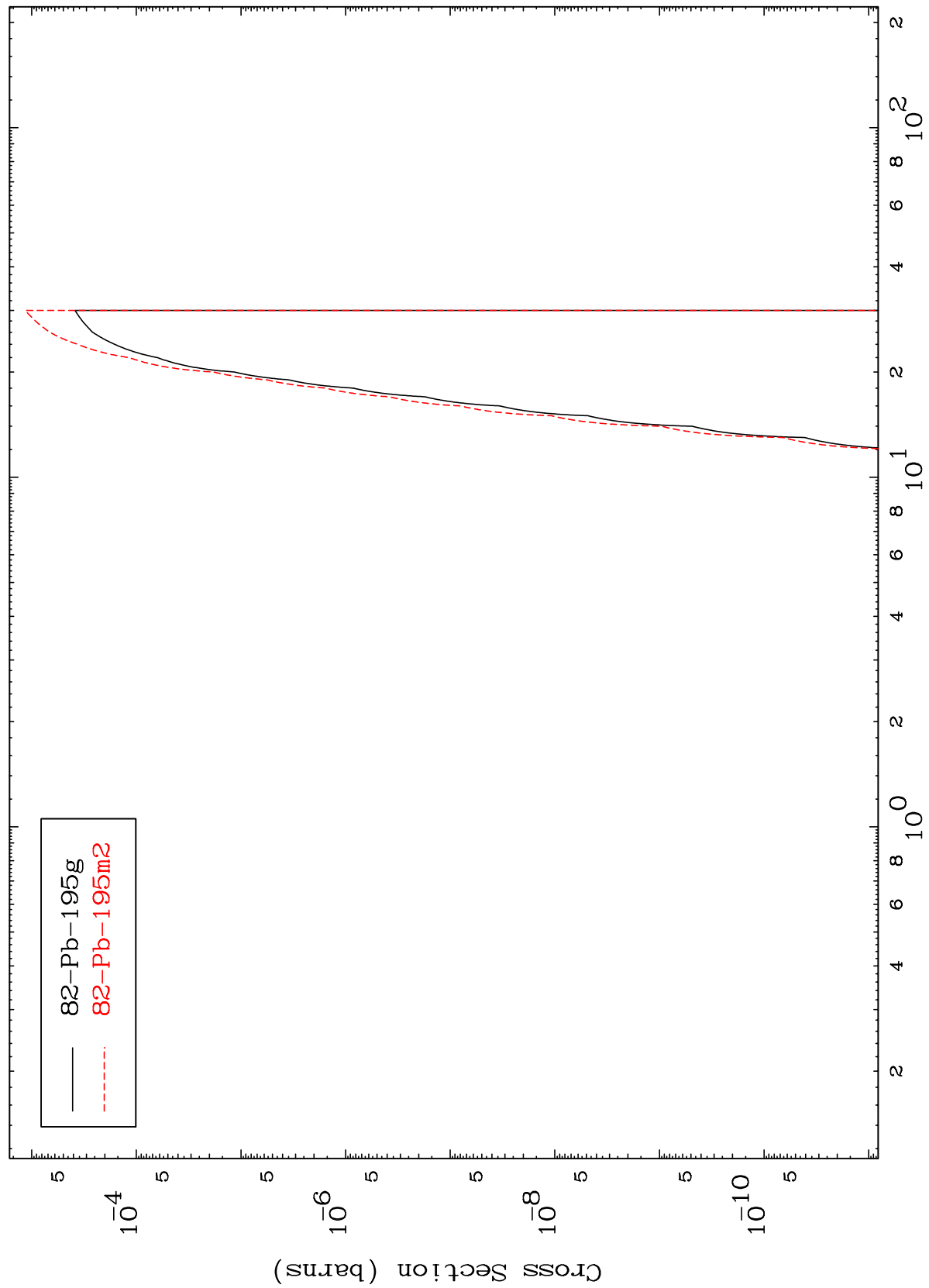
82-Pb-197

MAT 8204

$(n, n') \alpha$

82-Pb-197

Radionuclide Production Cross Section



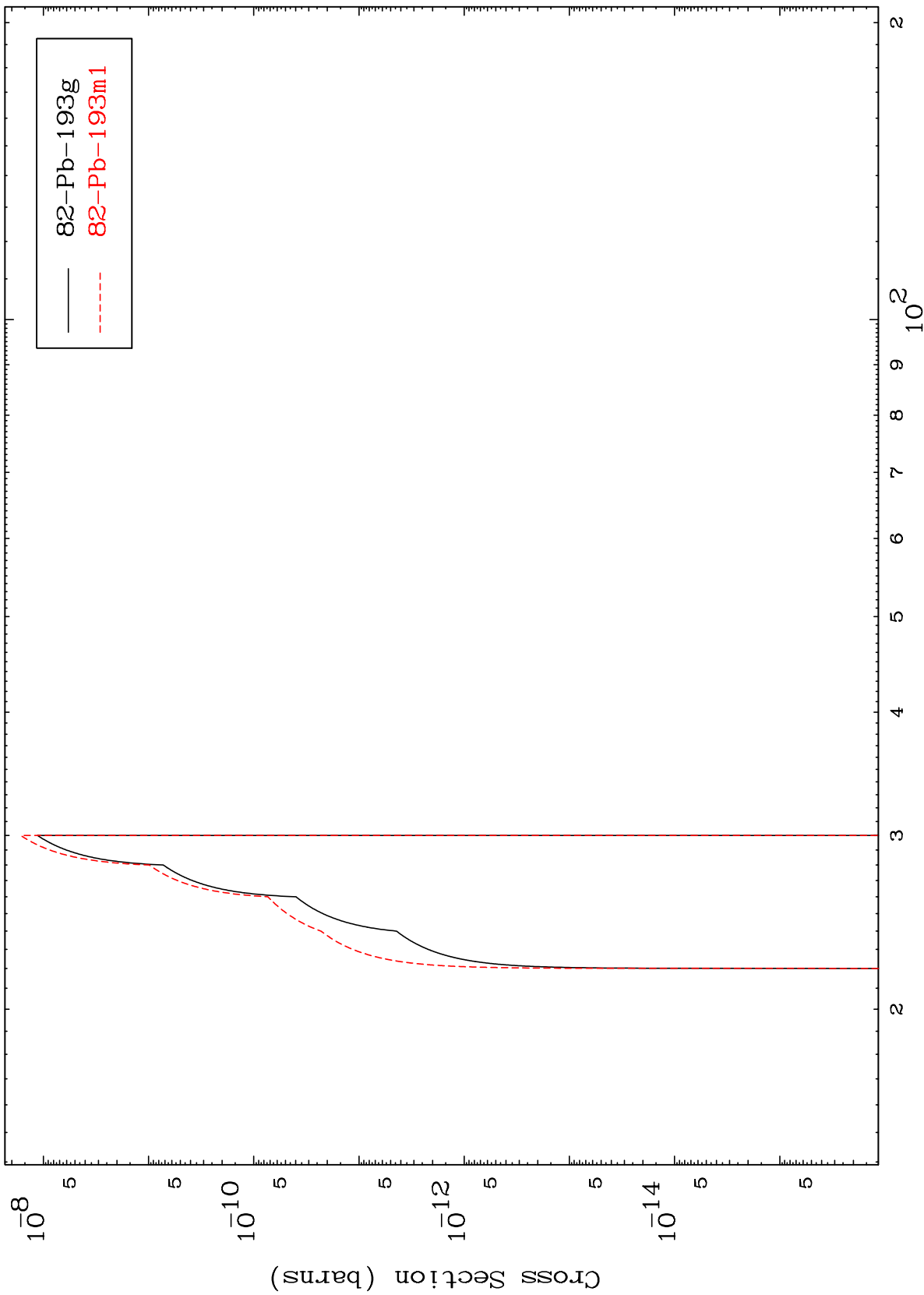
— 82-Pb-195g
- - - 82-Pb-195m2

MAT 8204

$(n,3n) \alpha$

82-Pb-197

Radionuclide Production Cross Section



17

Incident Energy (MeV)

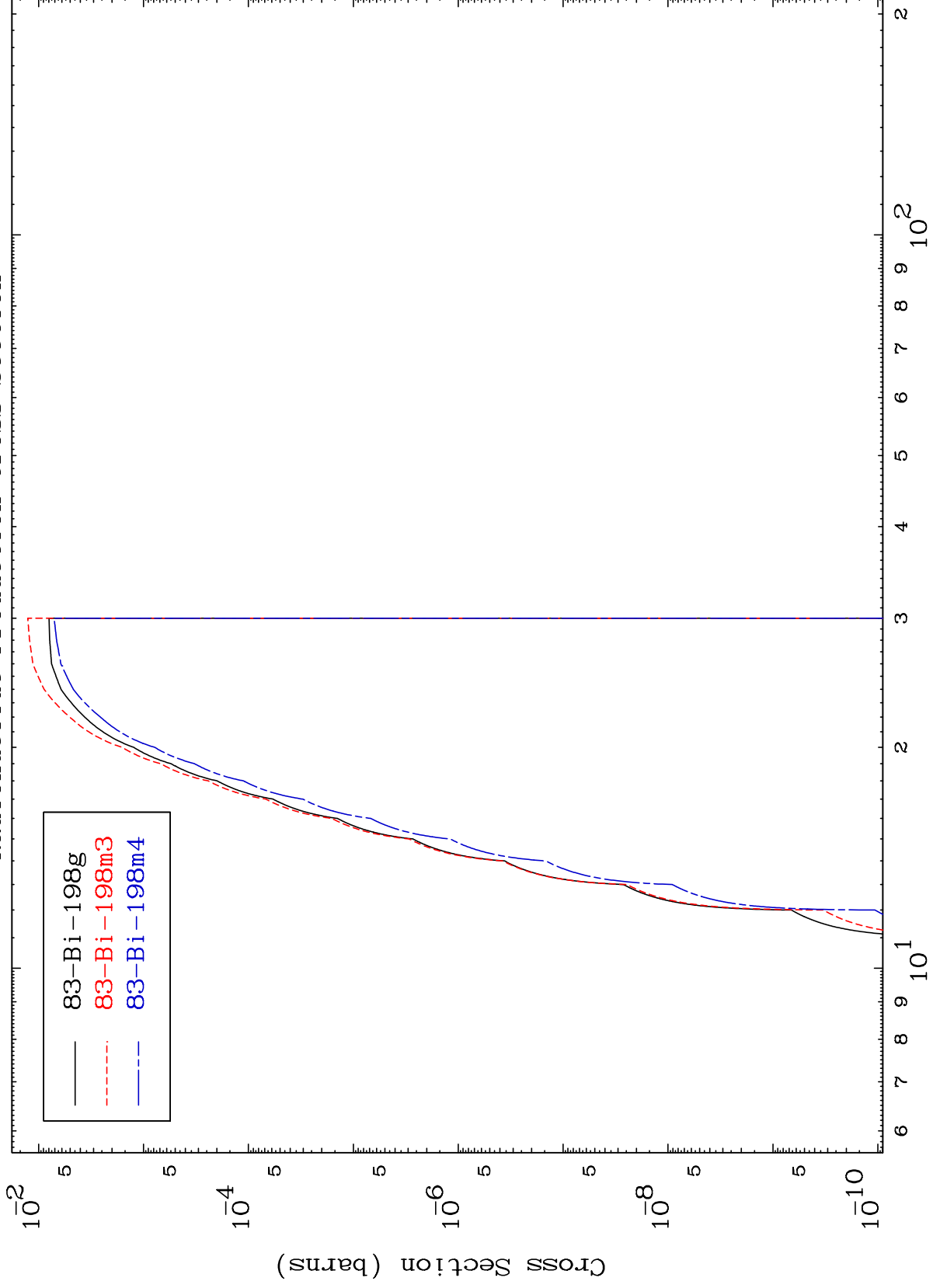
82-Pb-197

MAT 8204

(n,n') p

82-Pb-197

Radionuclide Production Cross Section



18

Incident Energy (MeV)

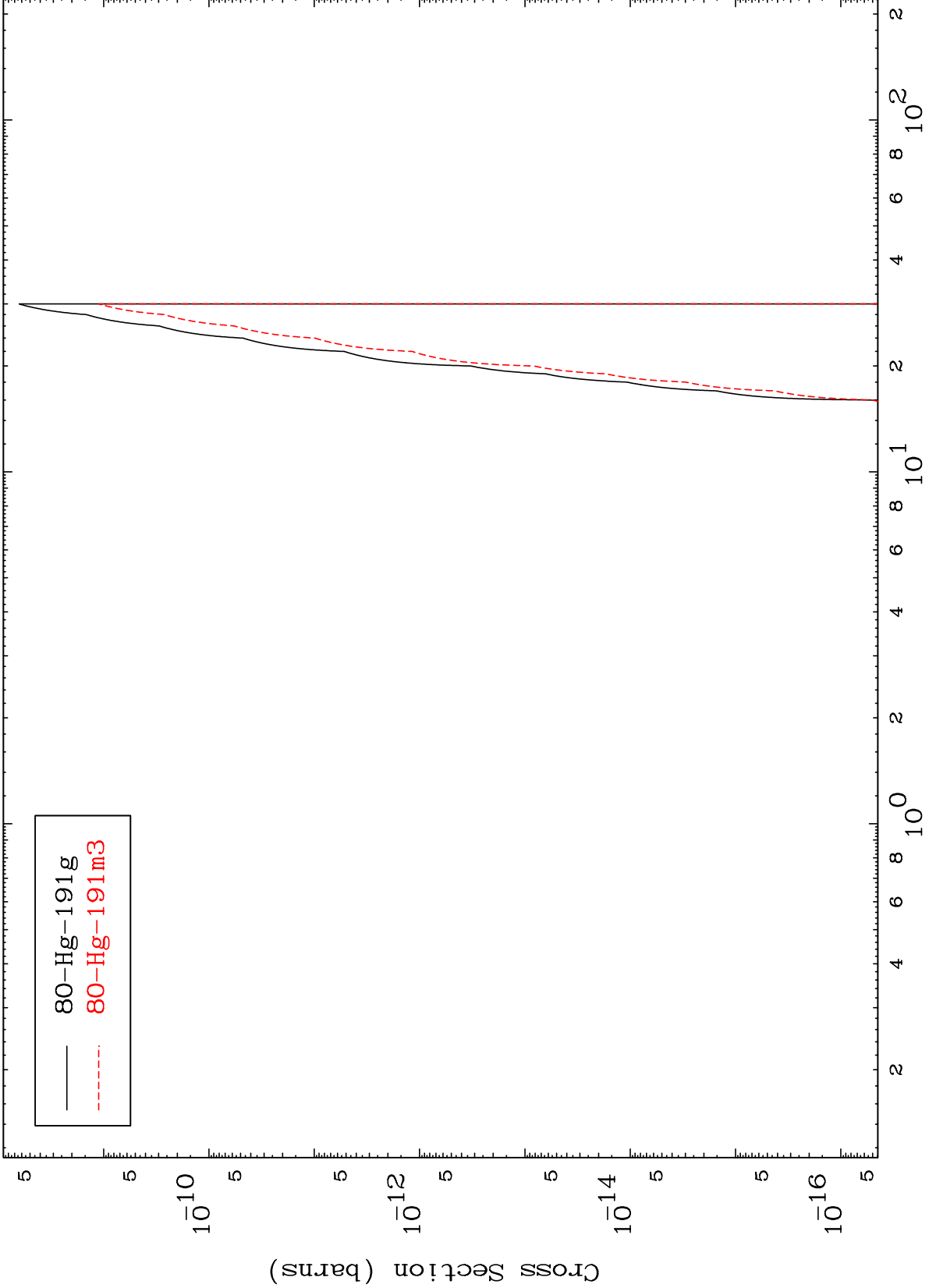
82-Pb-197

MAT 8204

(n,n') 2 α

82-Pb-197

Radionuclide Production Cross Section



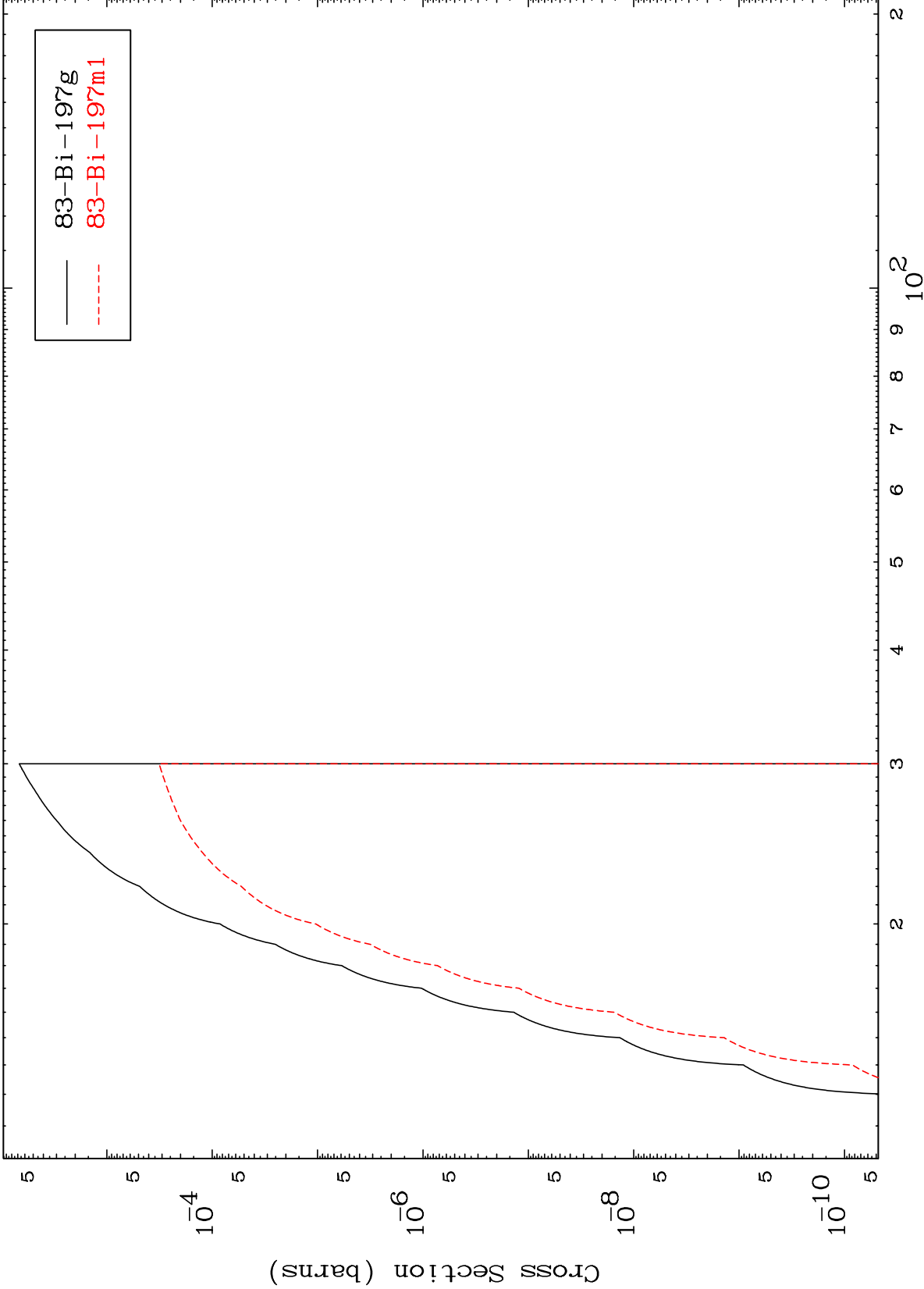
80-Hg-191g
80-Hg-191m3

MAT 8204

(n,n') d

82-Pb-197

Radionuclide Production Cross Section

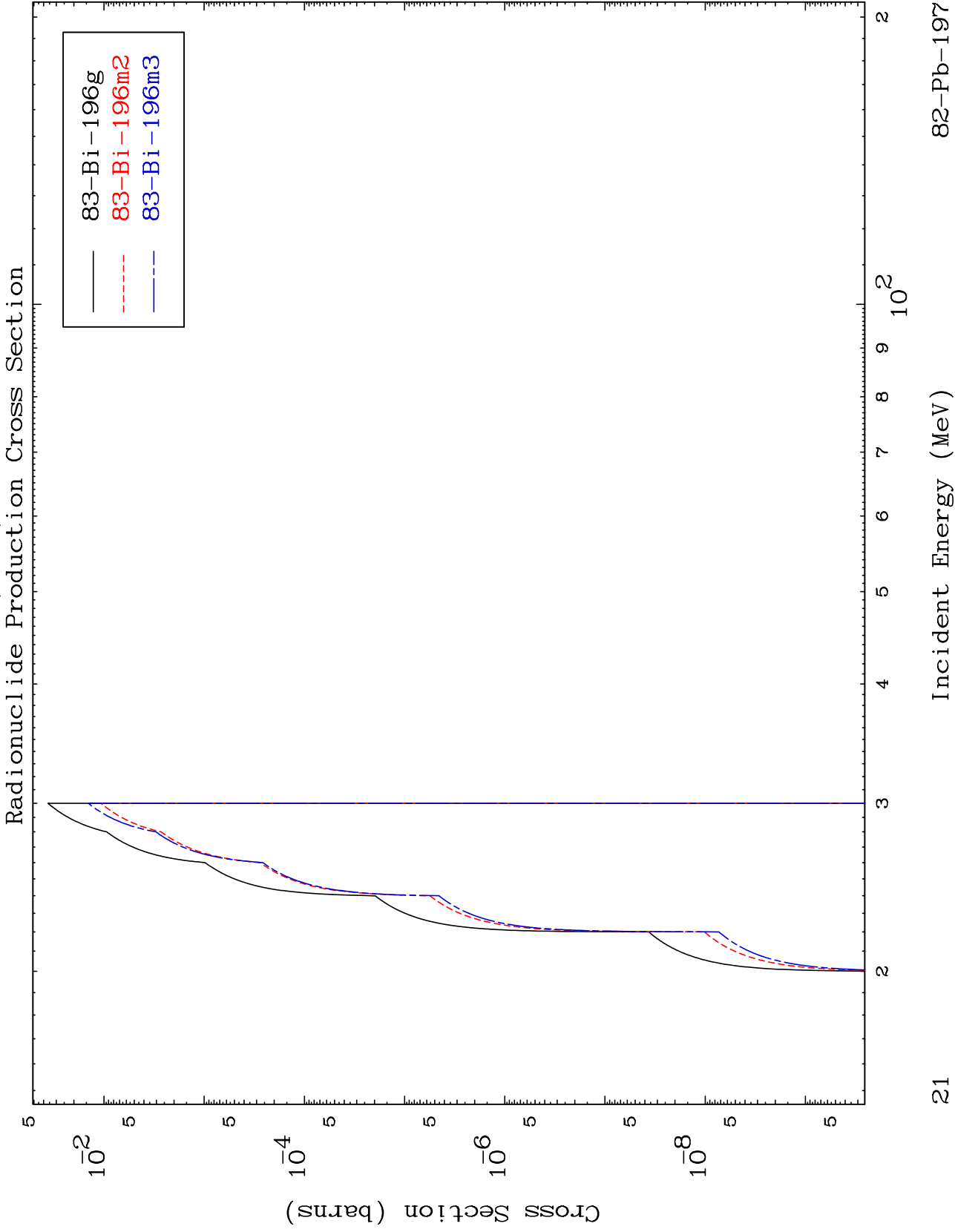


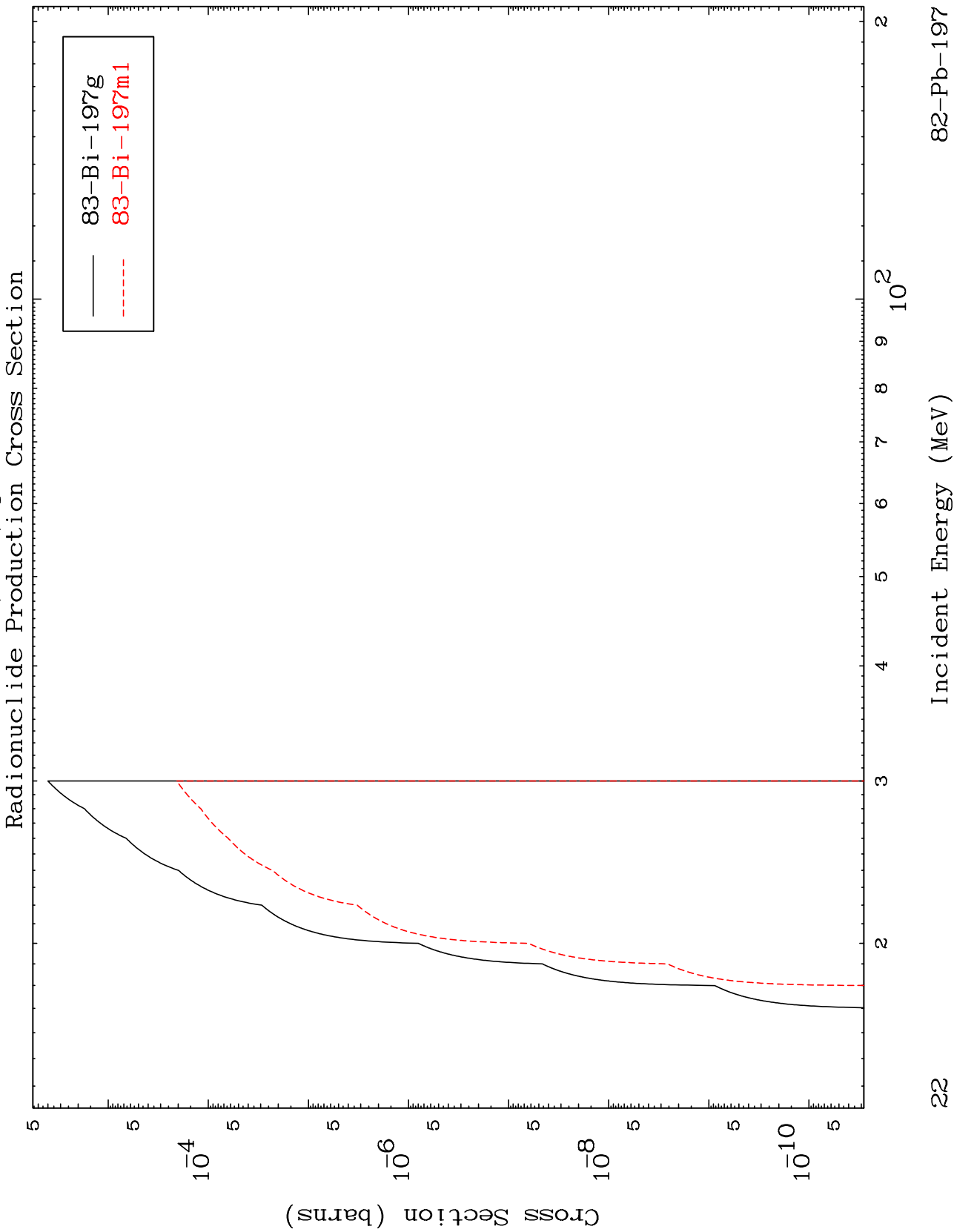
83-Bi-197g
83-Bi-197m1

20

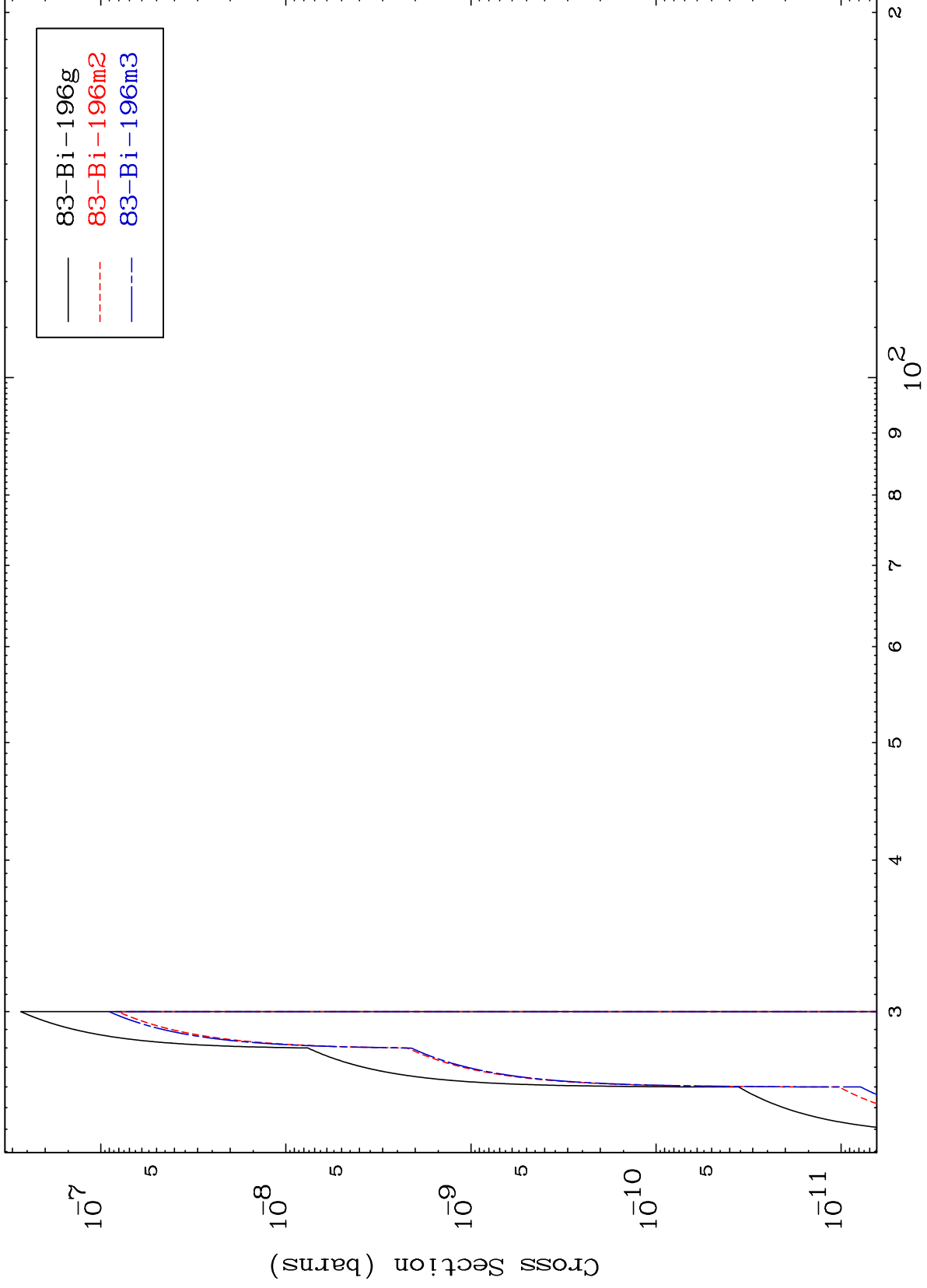
Incident Energy (MeV)

82-Pb-197





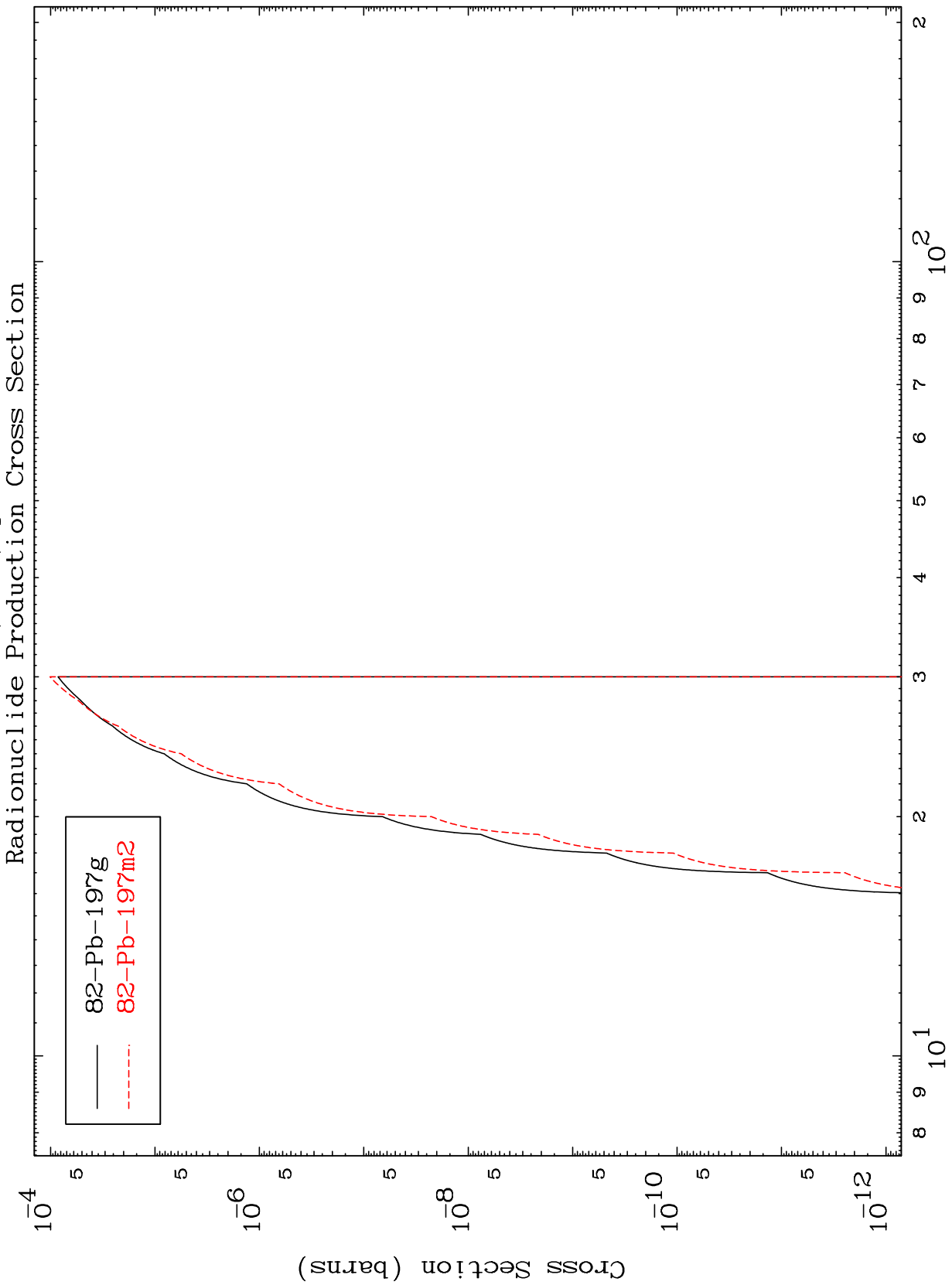
Radionuclide Production Cross Section



MAT 8204

(n,2n) p

82-Pb-197



24

82-Pb-197

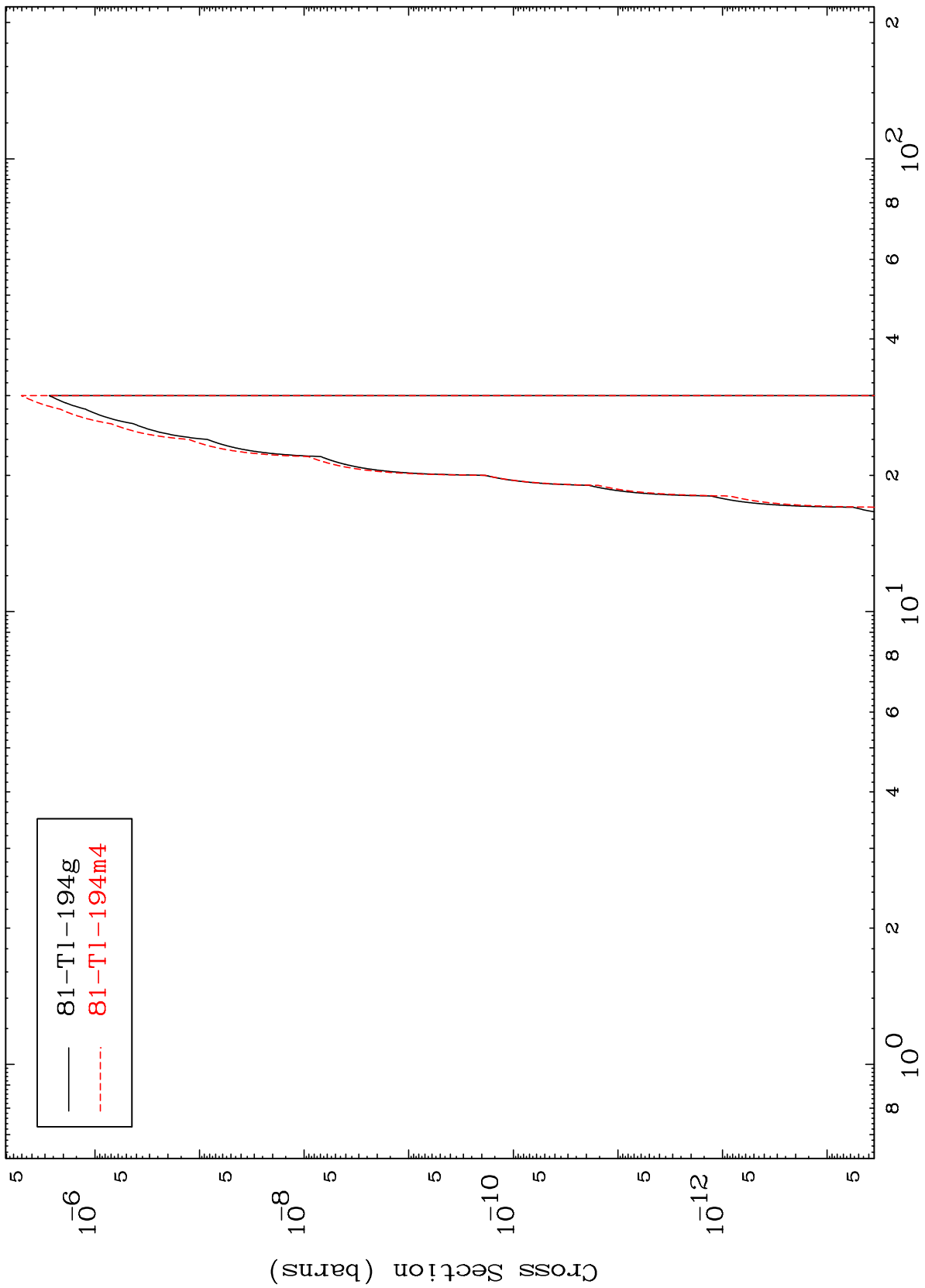
82-Pb-197

MAT 8204

(n,n') p α

82-Pb-197

Radionuclide Production Cross Section



25

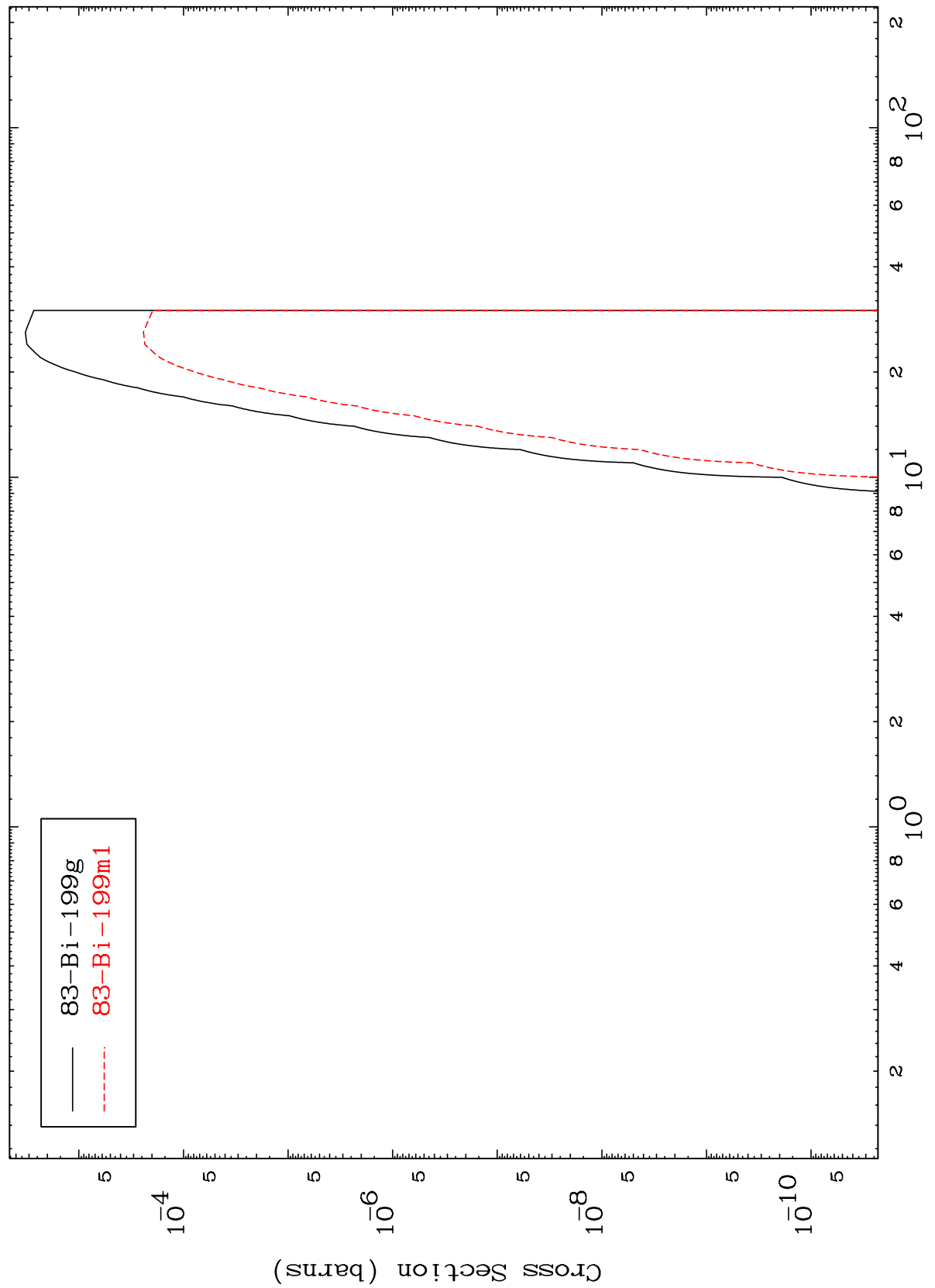
Incident Energy (MeV)

82-Pb-197

MAT 8204

82-Pb-197

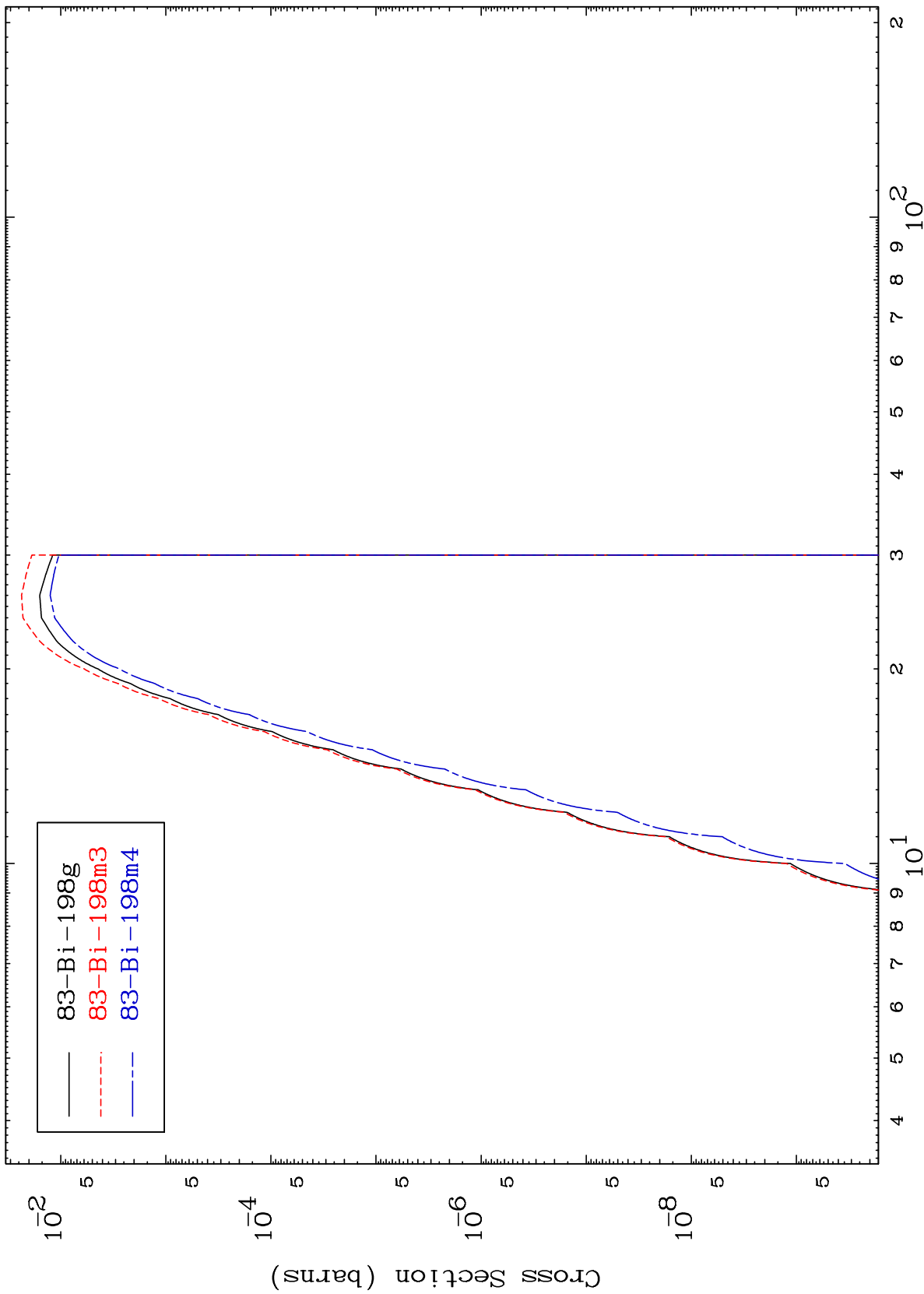
(n,p)
Radionuclide Production Cross Section



MAT 8204

82-Pb-197

(n,d)
Radionuclide Production Cross Section



27

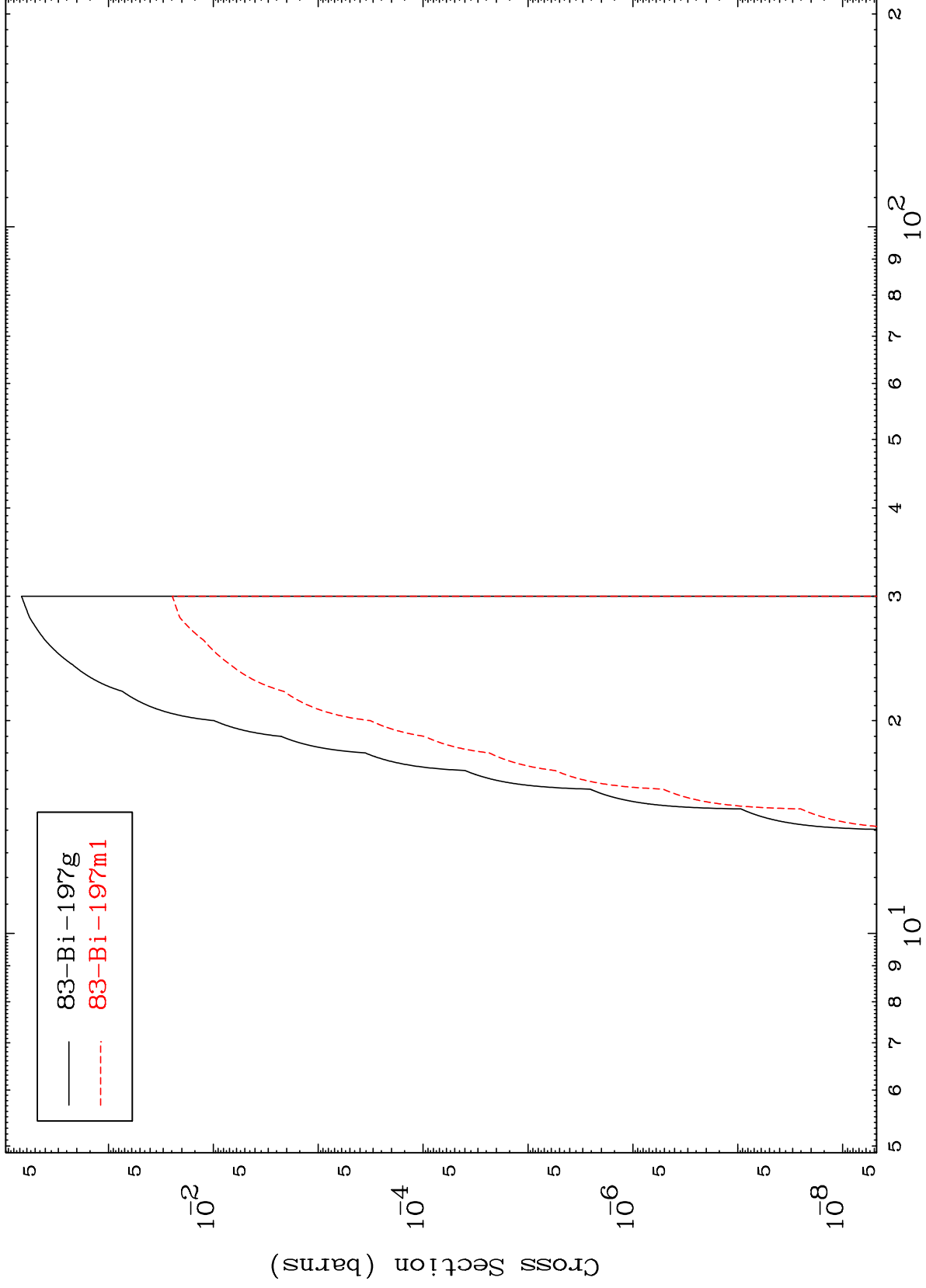
82-Pb-197

Incident Energy (MeV)

MAT 8204

82-Pb-197

(n, t)
Radionuclide Production Cross Section



82-Pb-197

Incident Energy (MeV)

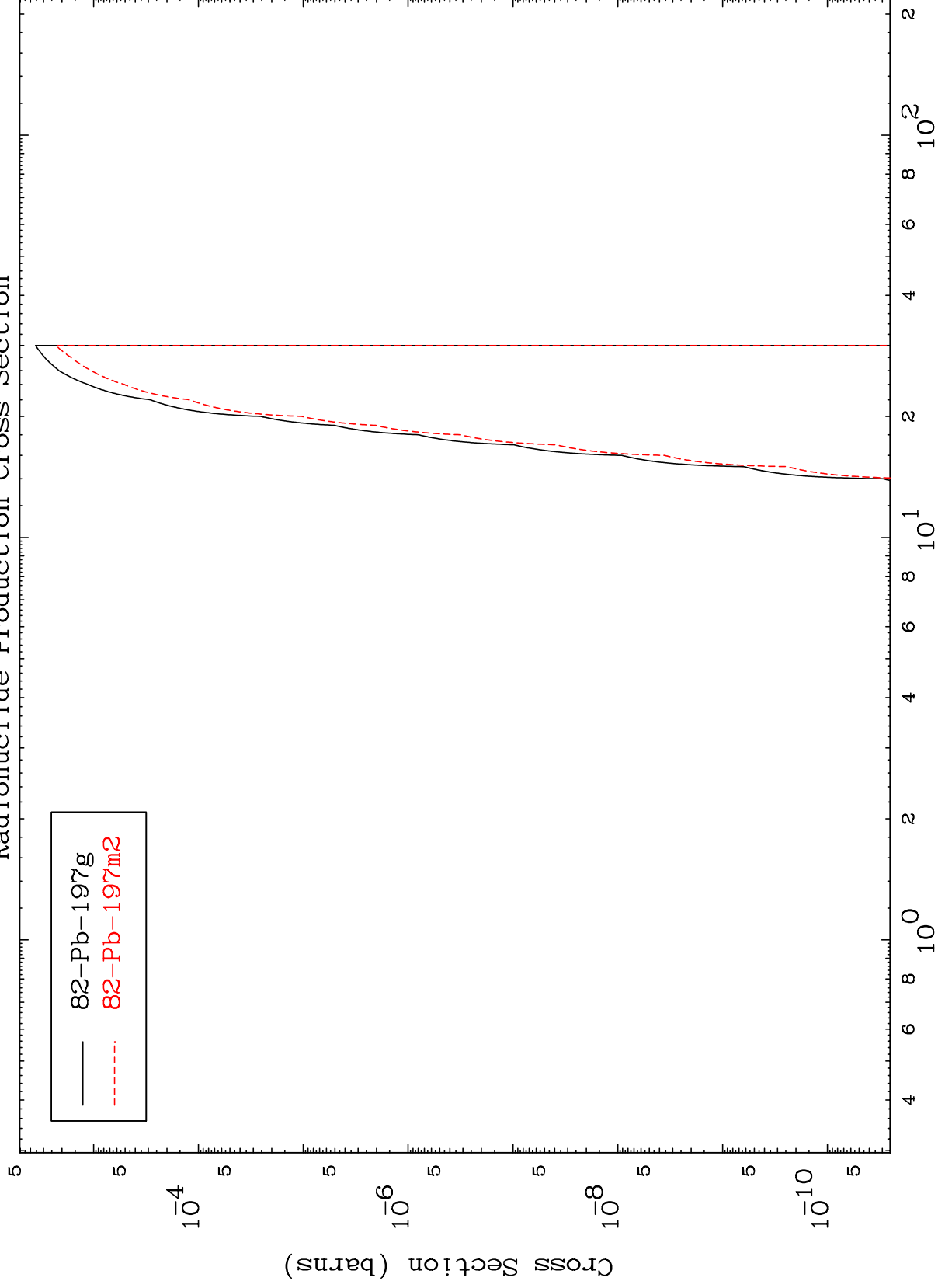
28

MAT 8204

(n,He-3)

82-Pb-197

Radionuclide Production Cross Section



29

Incident Energy (MeV)

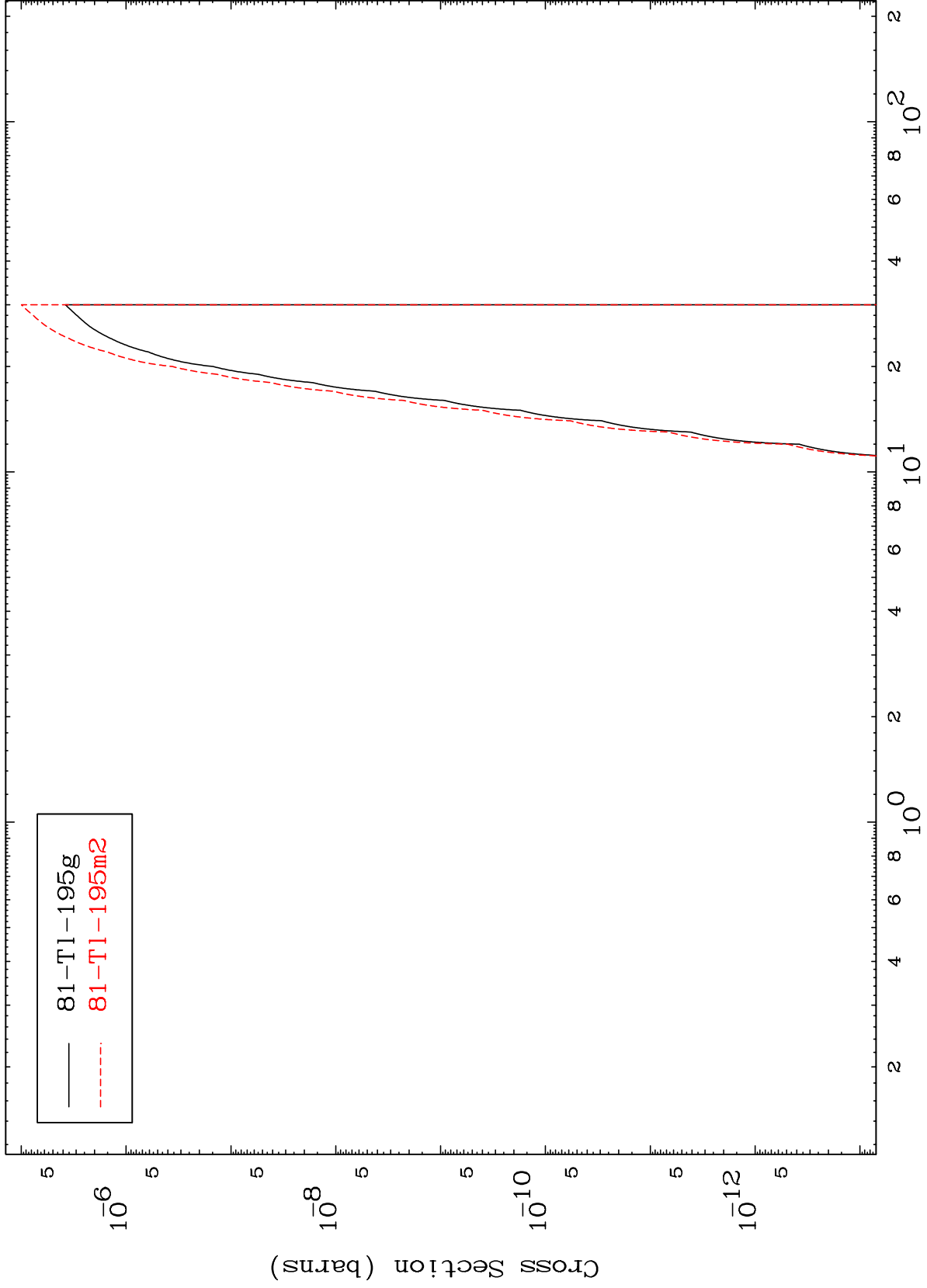
82-Pb-197

MAT 8204

(n,p) α

82-Pb-197

Radionuclide Production Cross Section

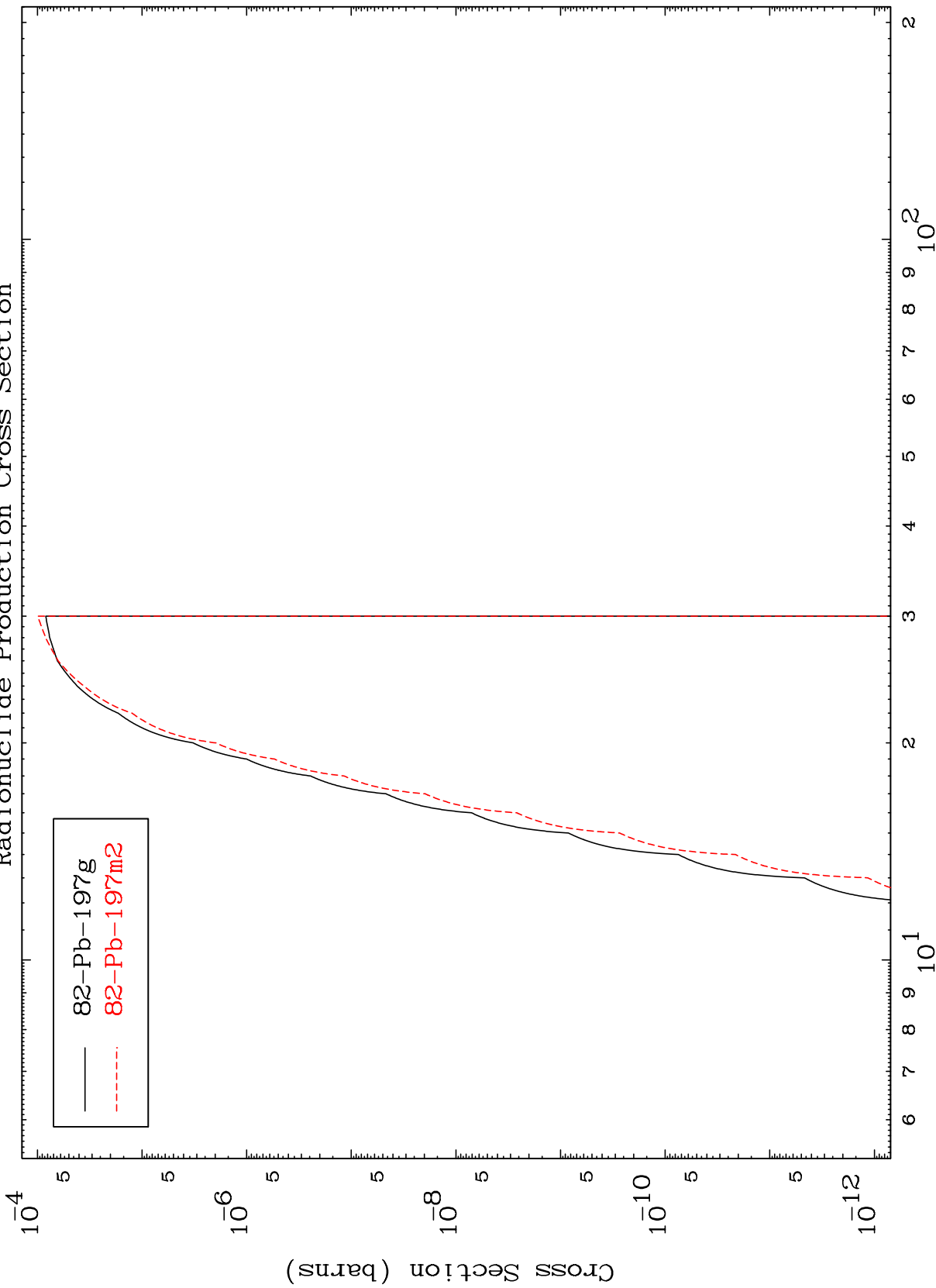


MAT 8204

(n,p) d

82-Pb-197

Radionuclide Production Cross Section



Incident Energy (MeV)

82-Pb-197

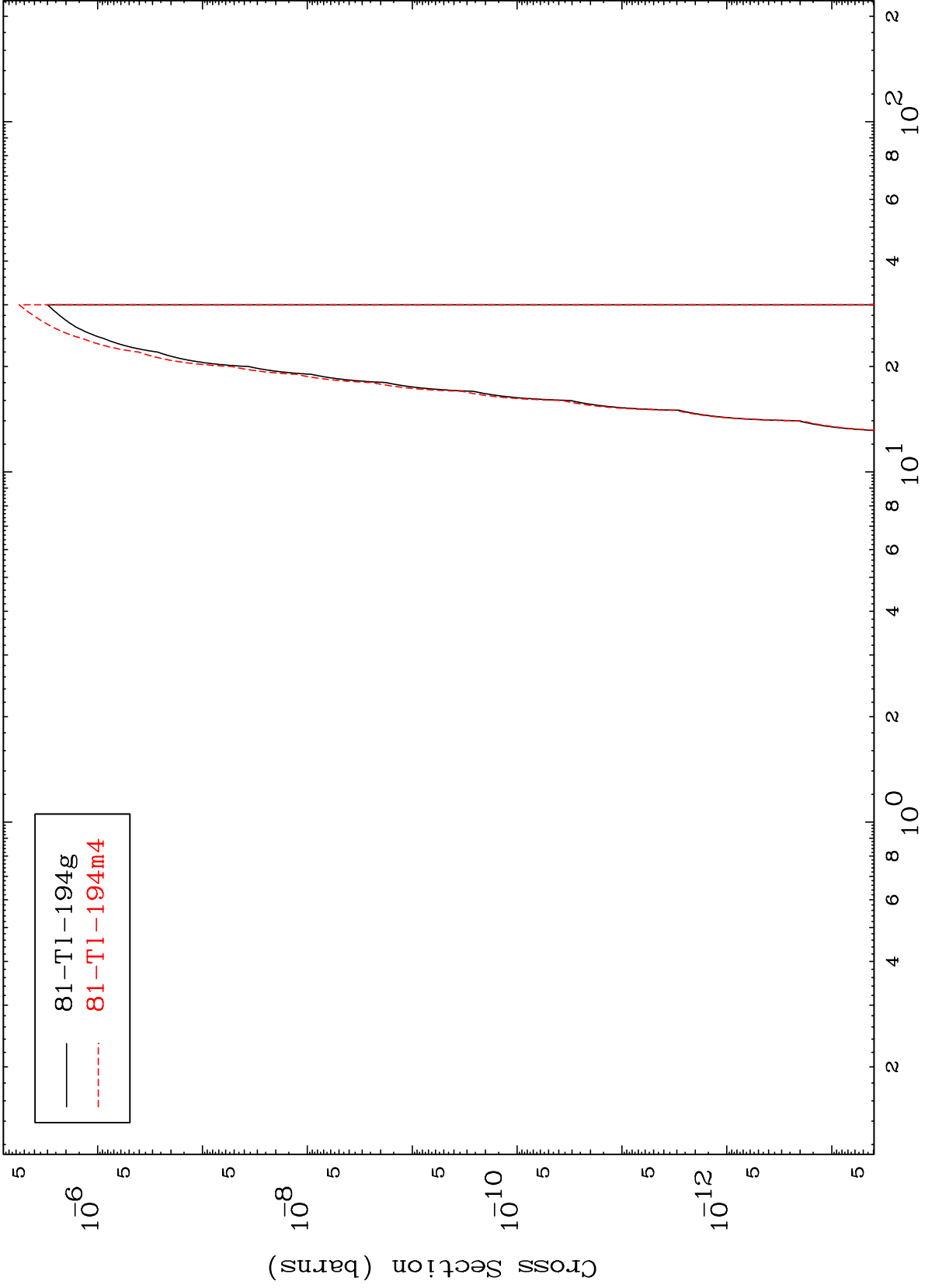
31

MAT 8204

(n,d) α

82-Pb-197

Radionuclide Production Cross Section



32

Incident Energy (MeV)

82-Pb-197