

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

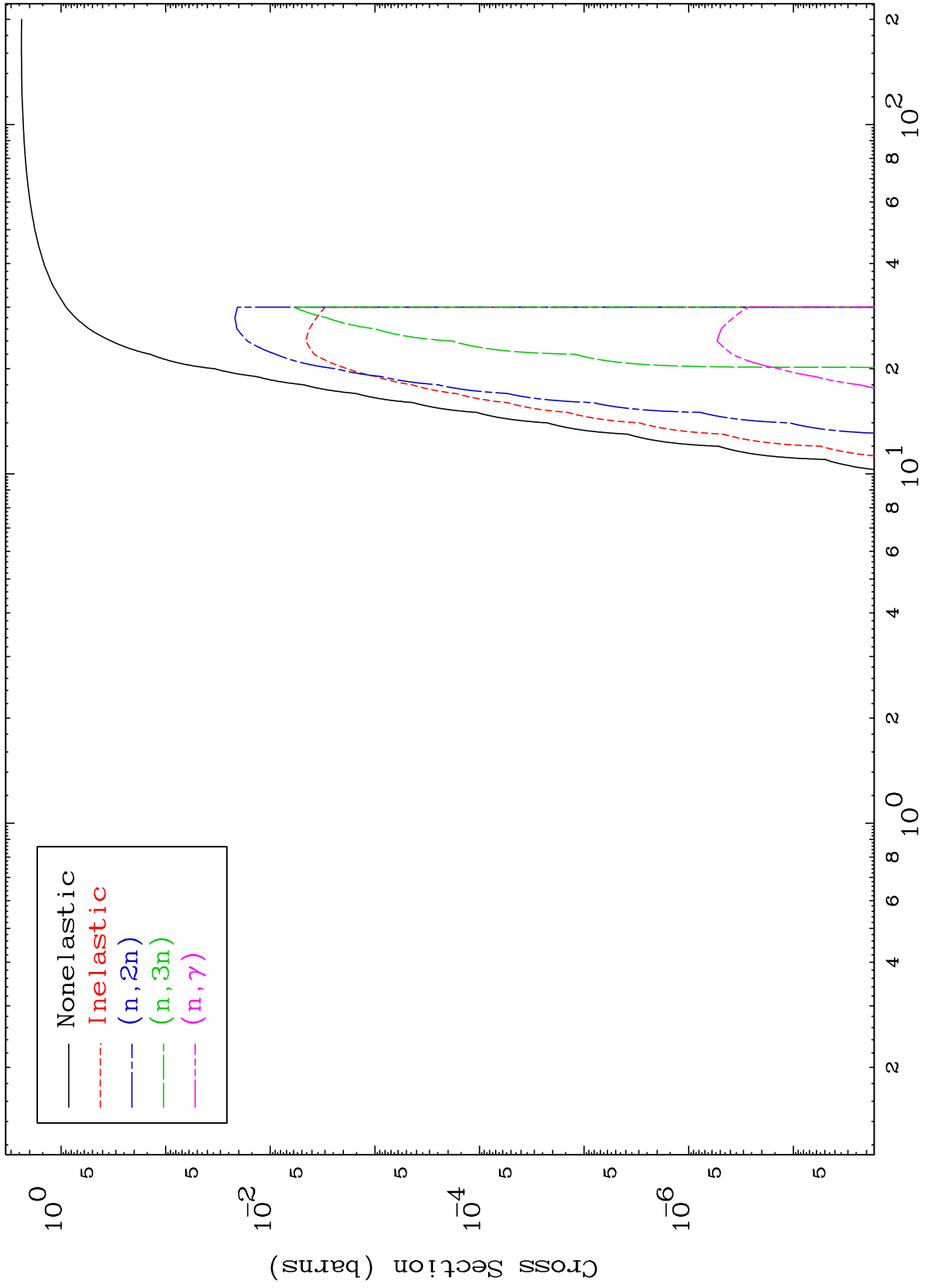
Press Mouse Button to Start

MAT 8207

He-3 Major

82-Pb-198

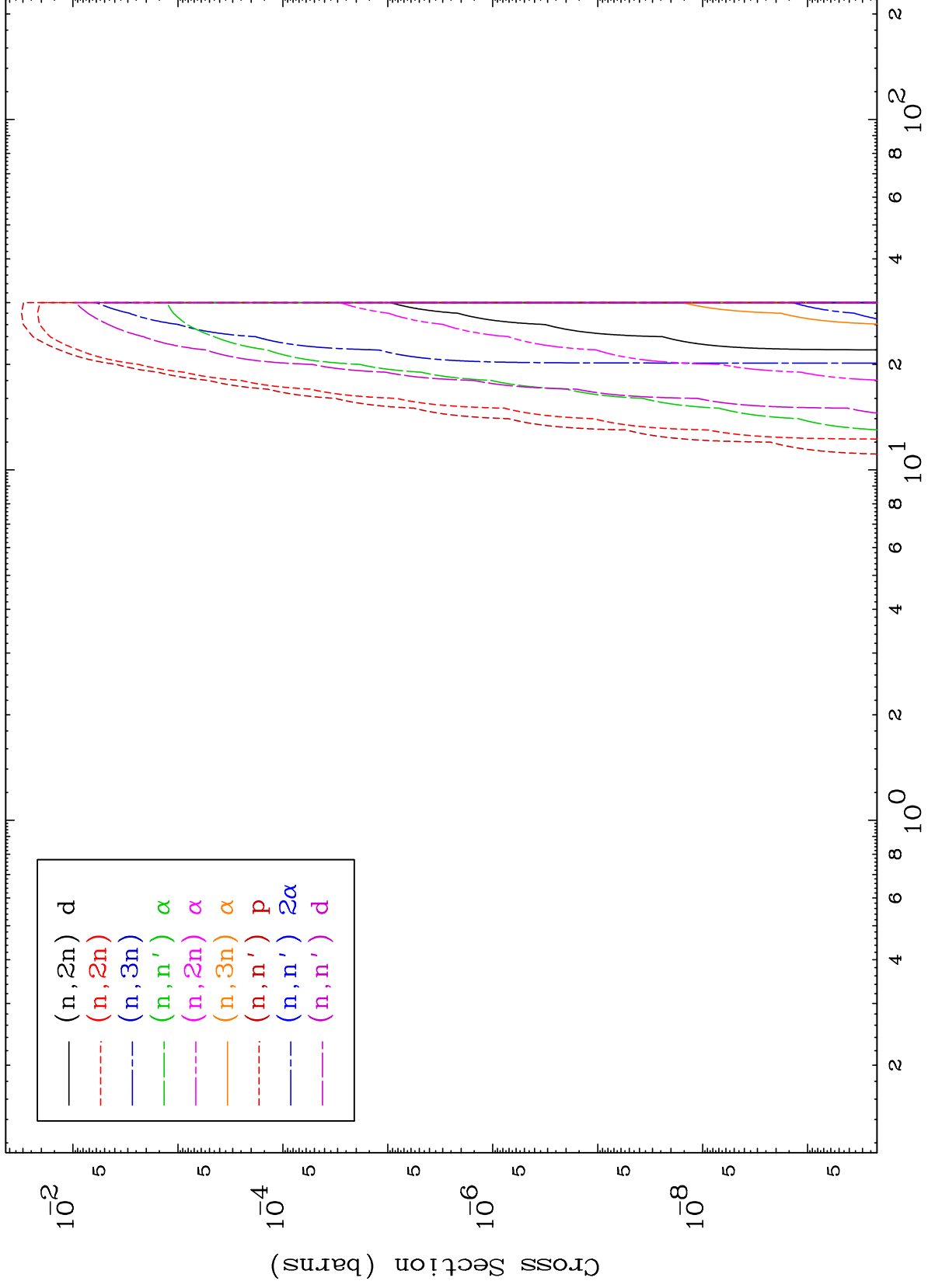
0 Kelvin Cross Sections

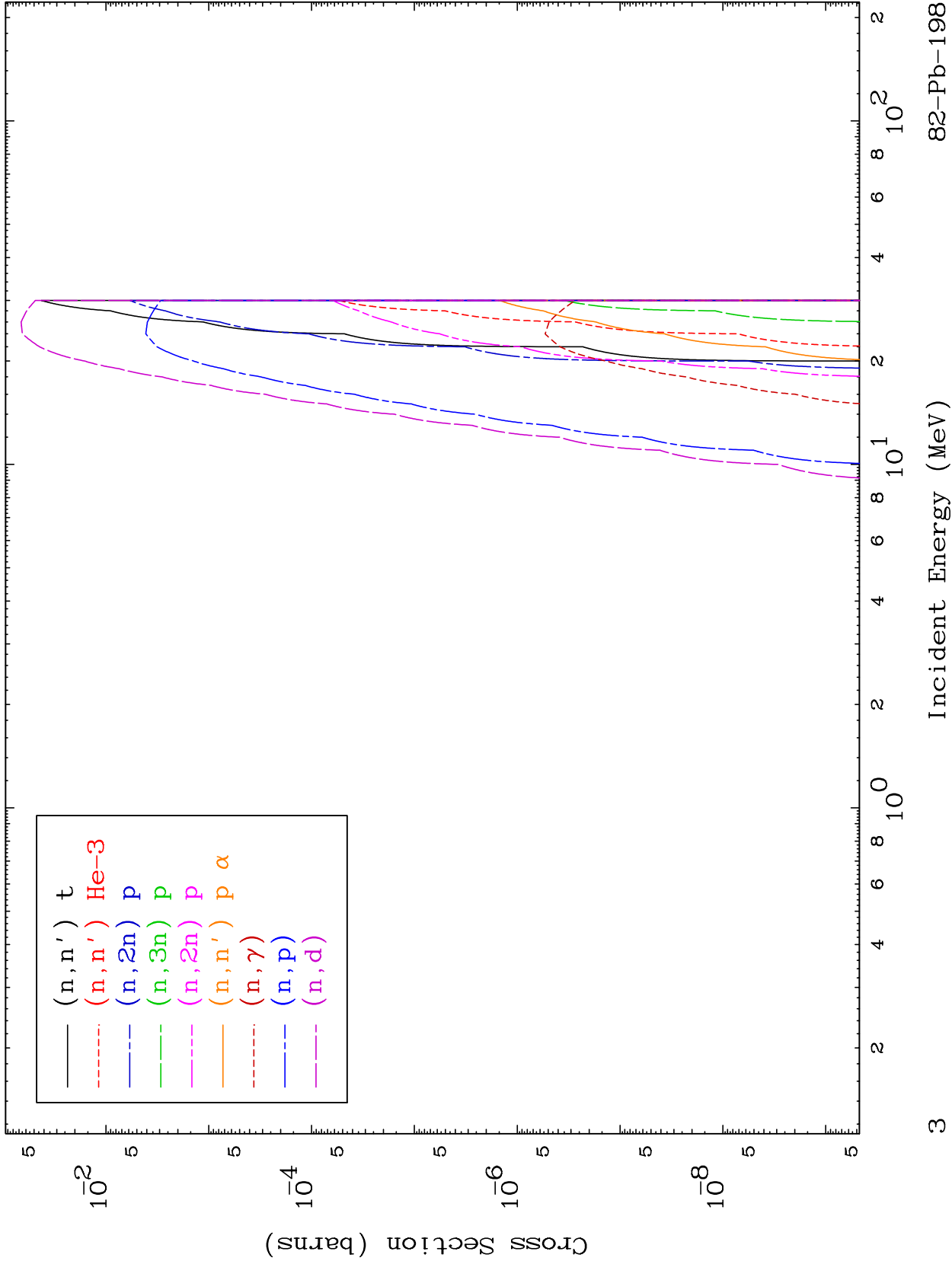


MAT 8207

He-3 Neutron Absorption
0 Kelvin Cross Sections

82-Pb-198

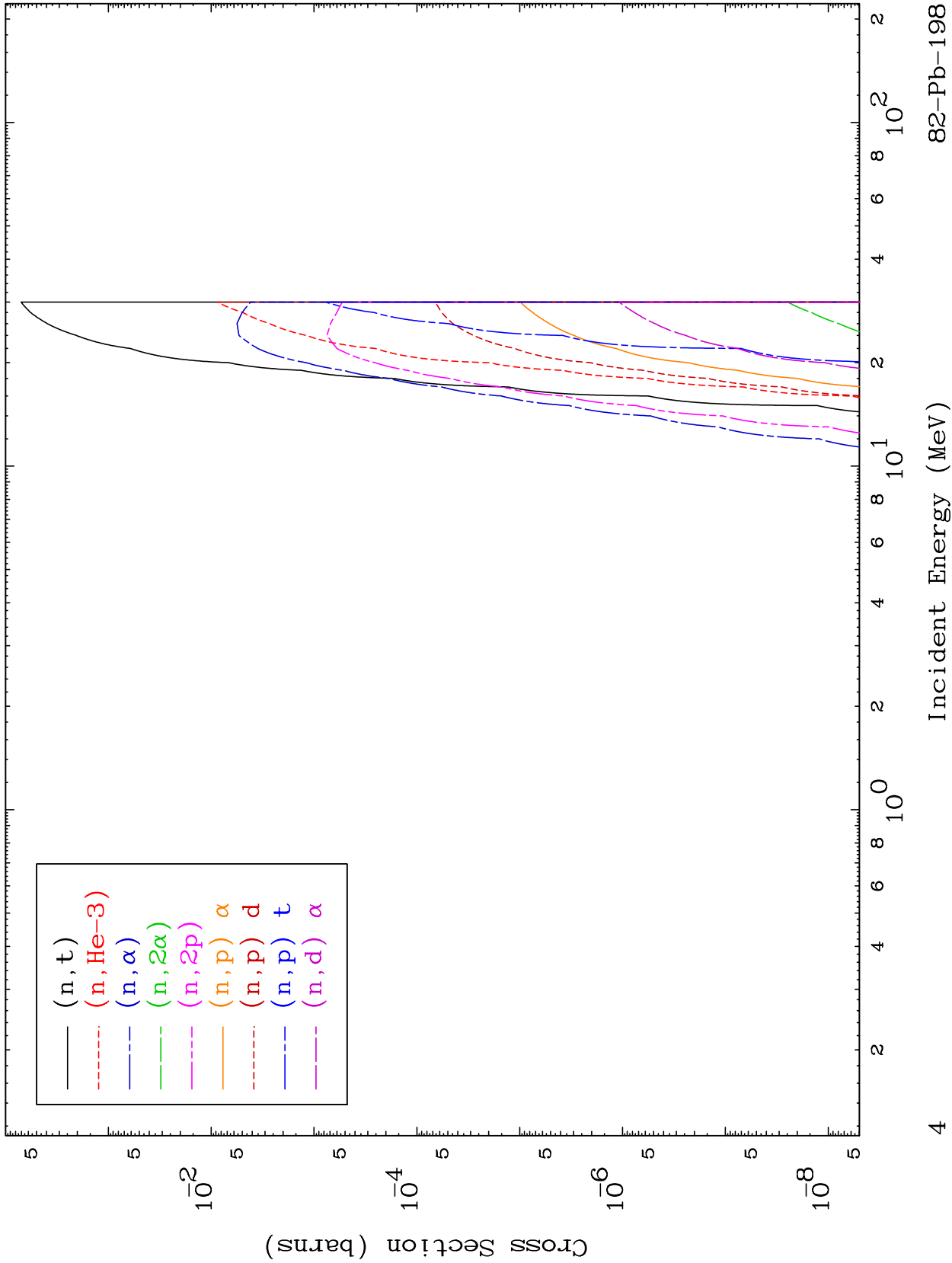


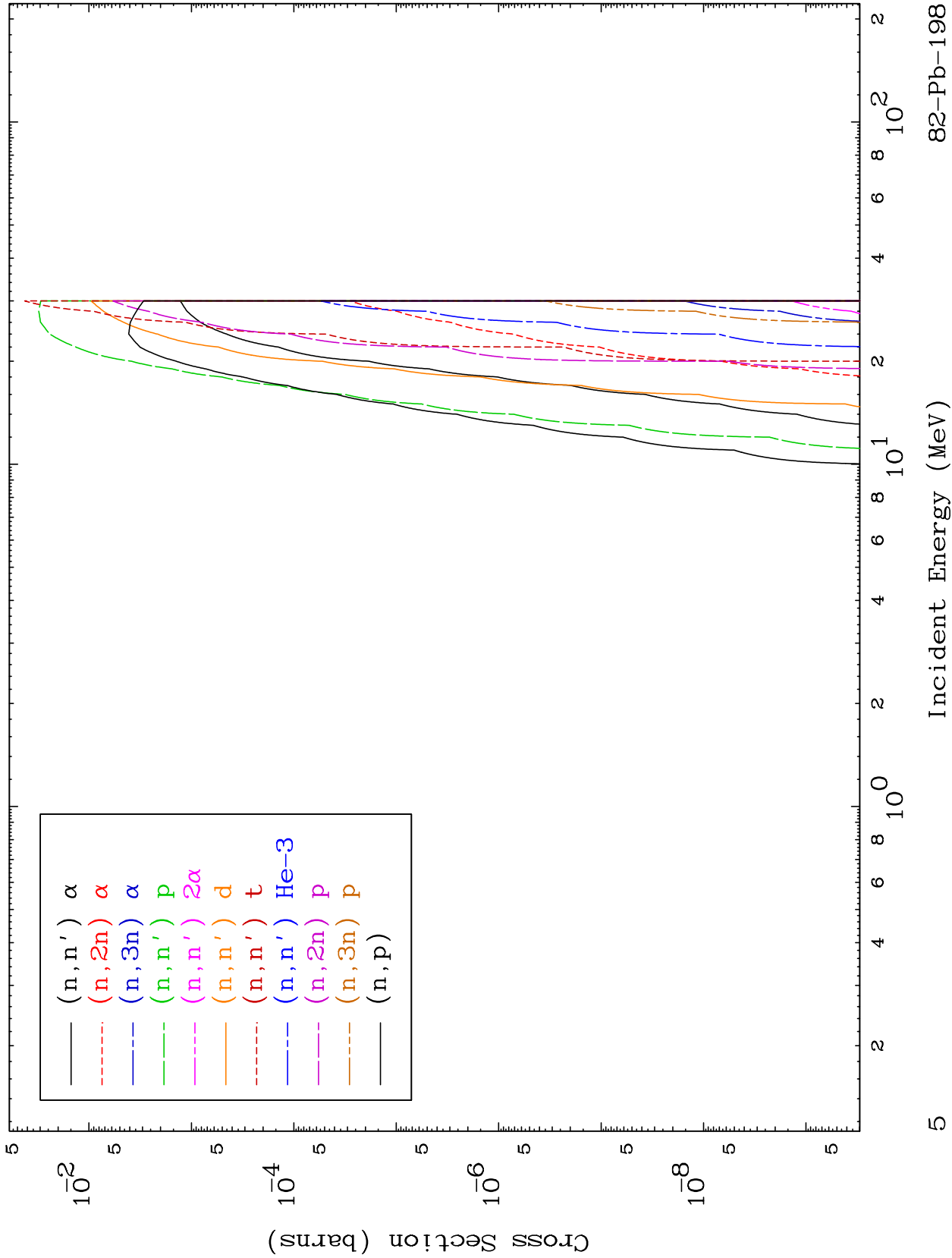


MAT 8207

He-3 Neutron Absorption
0 Kelvin Cross Sections

82-Pb-198

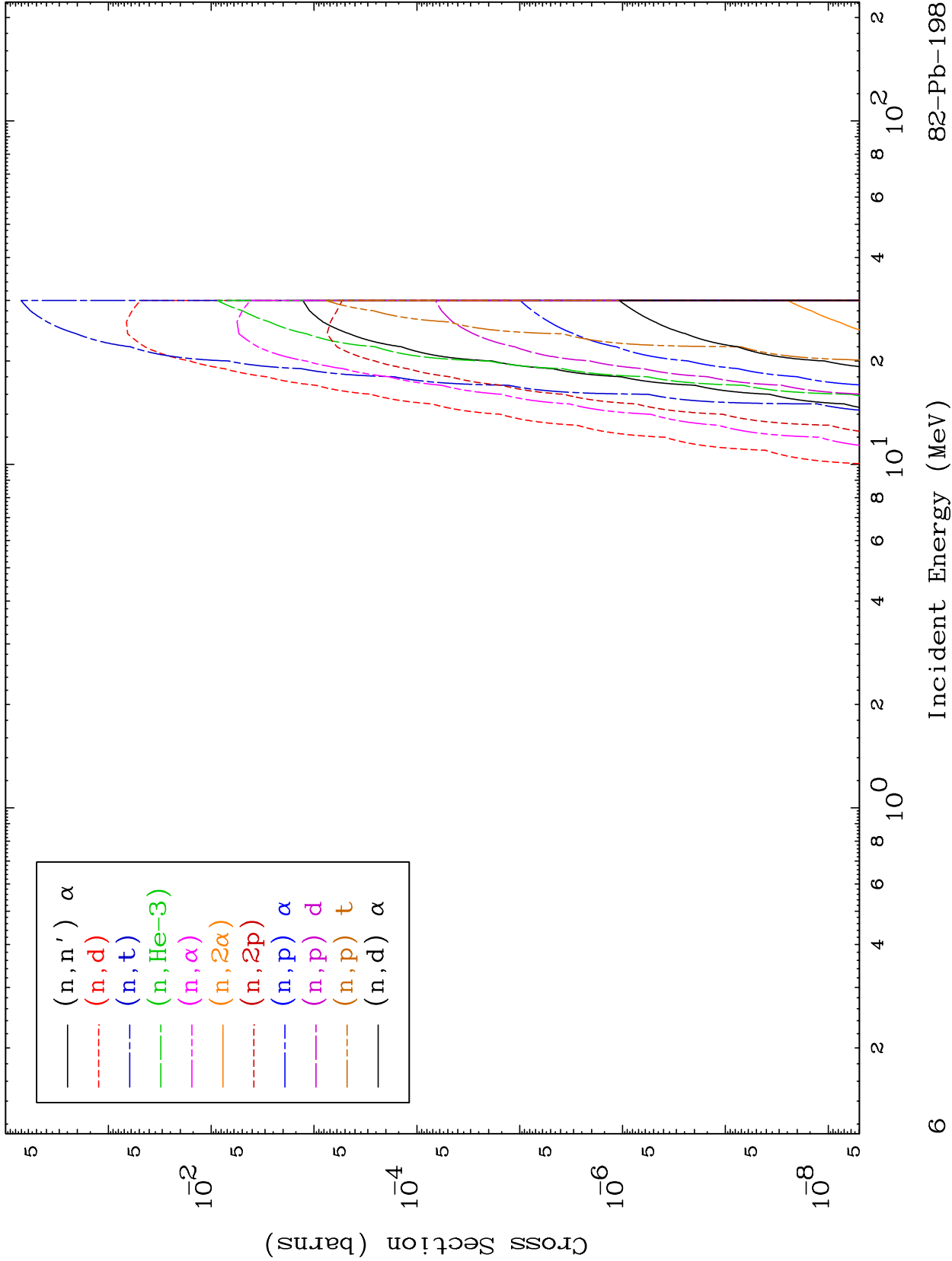




MAT 8207

He-3 Charged Particle
0 Kelvin Cross Sections

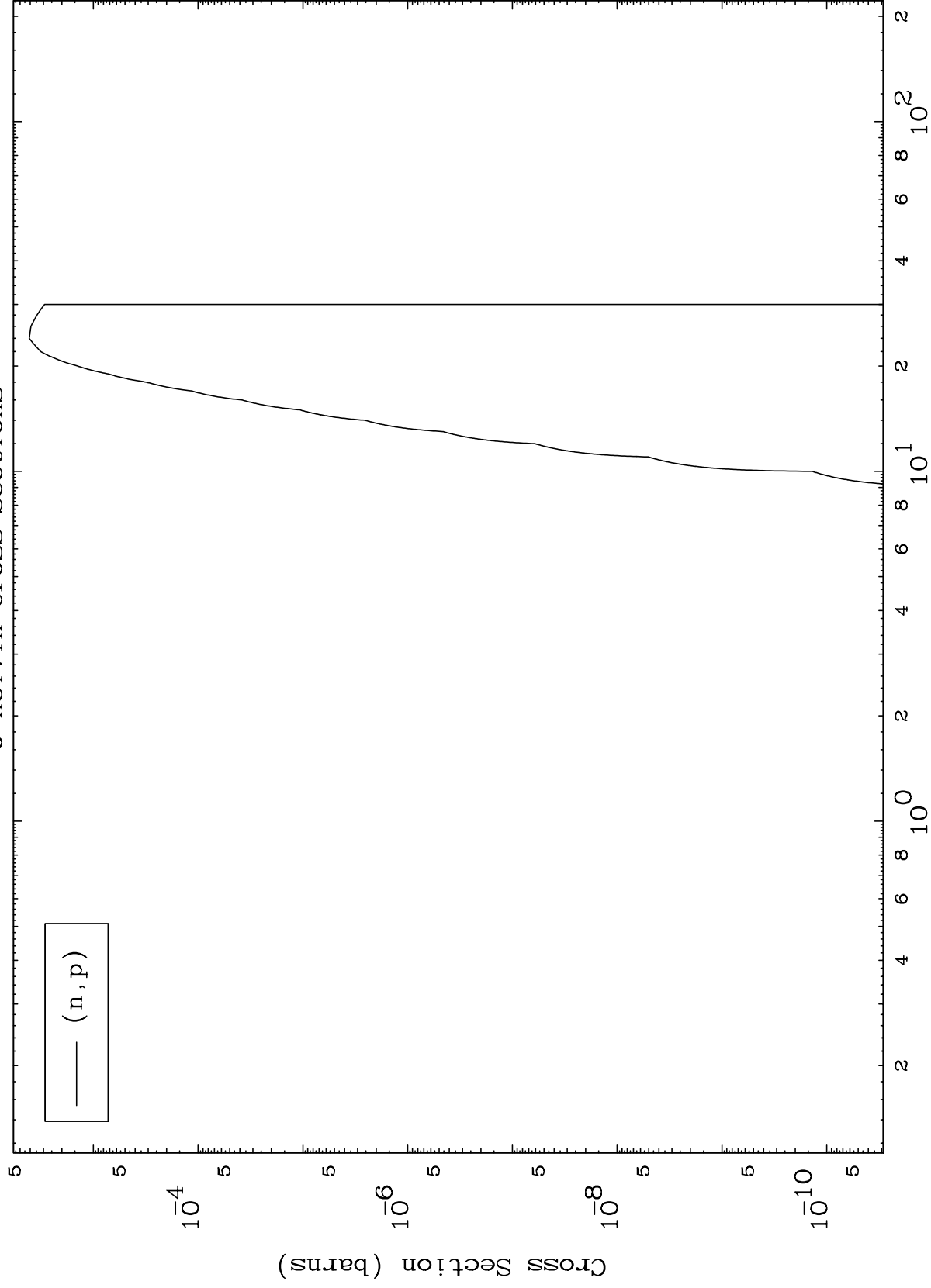
82-Pb-198



MAT 8207

82-Pb-198

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



7

82-Pb-198

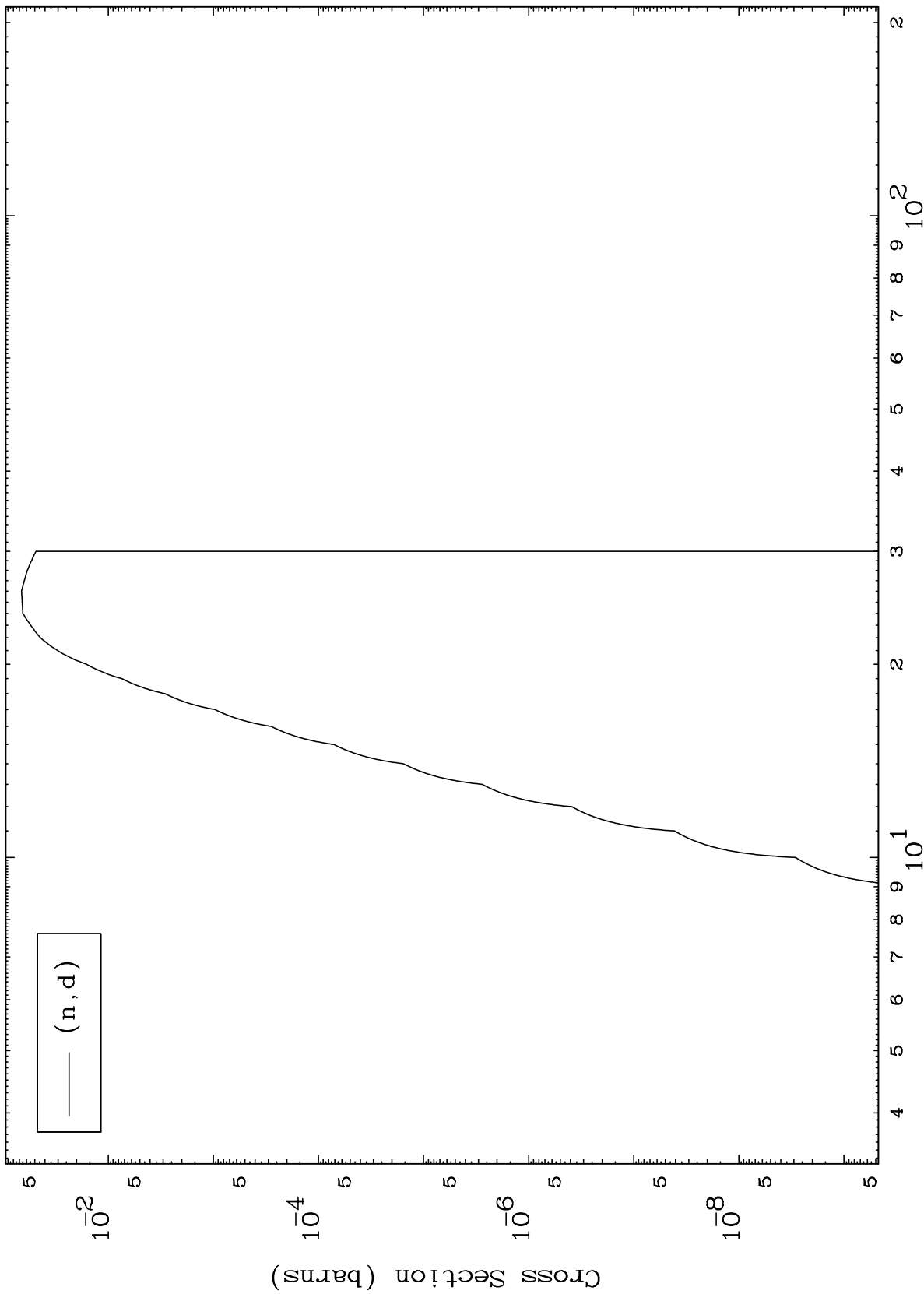
Incident Energy (MeV)

MAT 8207

(He-3,d) Levels

82-Pb-198

0 Kelvin Cross Sections

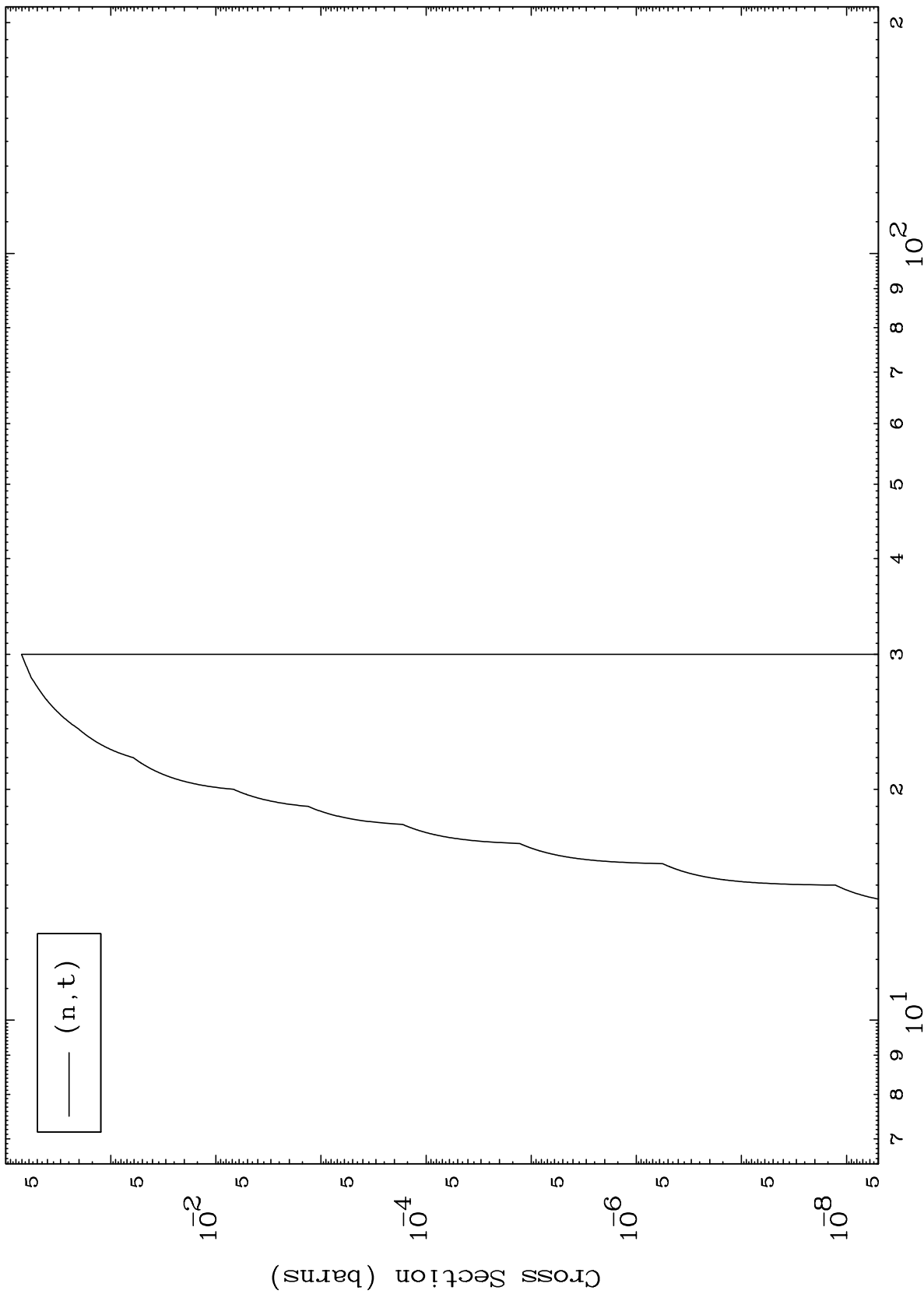


MAT 8207

(He-3,t) Levels

82-Pb-198

0 Kelvin Cross Sections



9

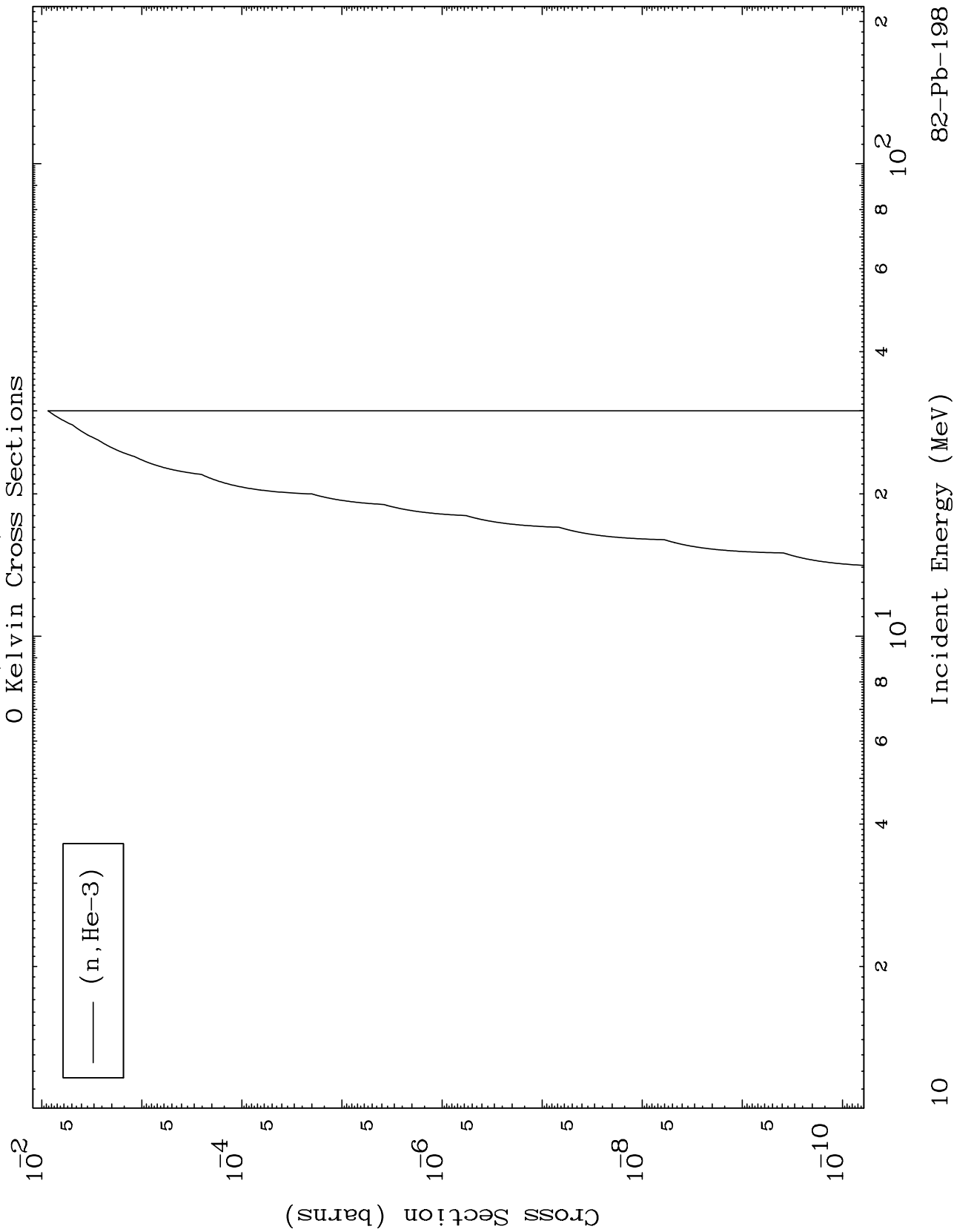
Incident Energy (MeV)

82-Pb-198

MAT 8207

(He-3, He3) Levels

82-Pb-198



10

Incident Energy (MeV)

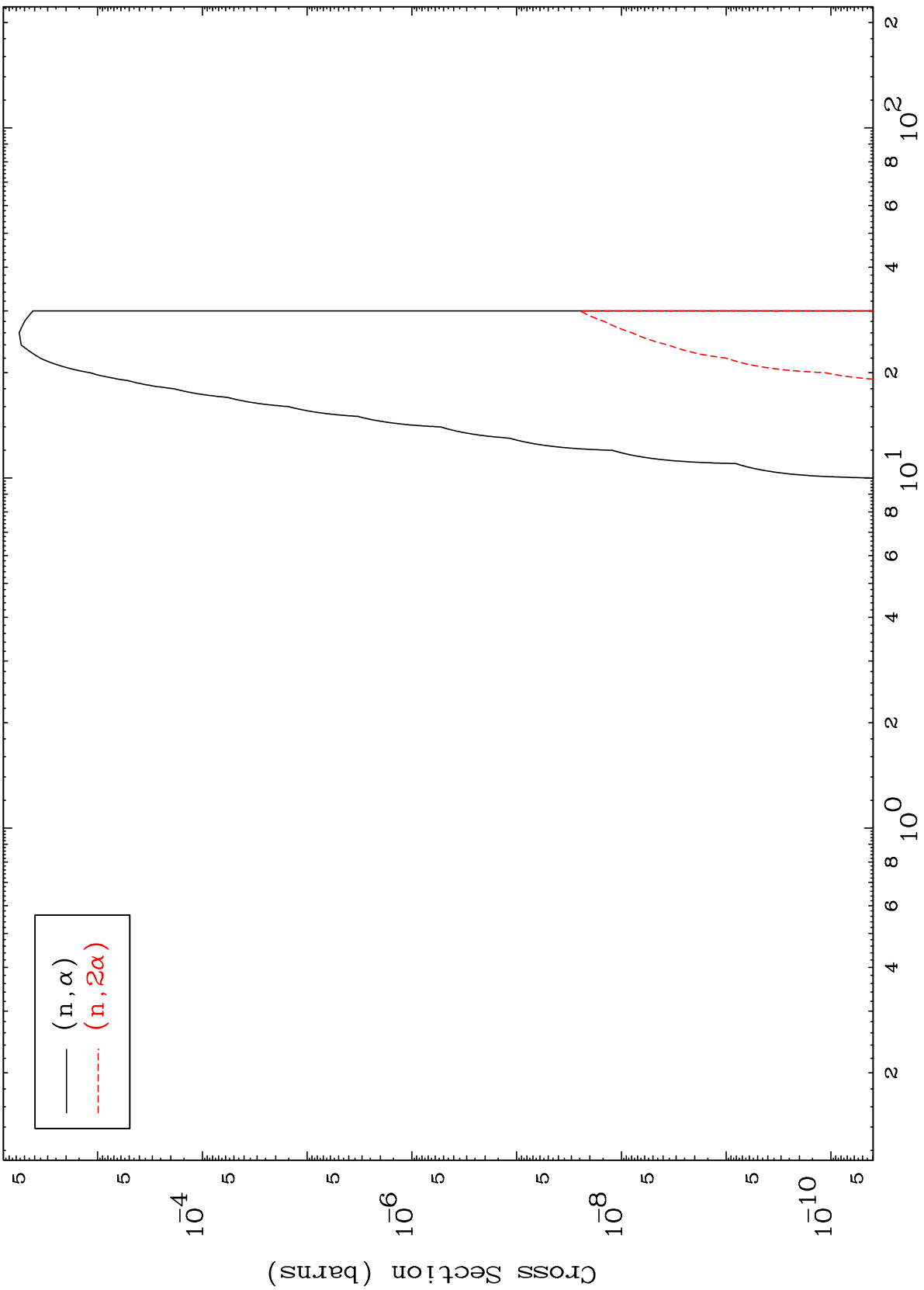
82-Pb-198

MAT 8207

(He-3, α) Levels

82-Pb-198

0 Kelvin Cross Sections

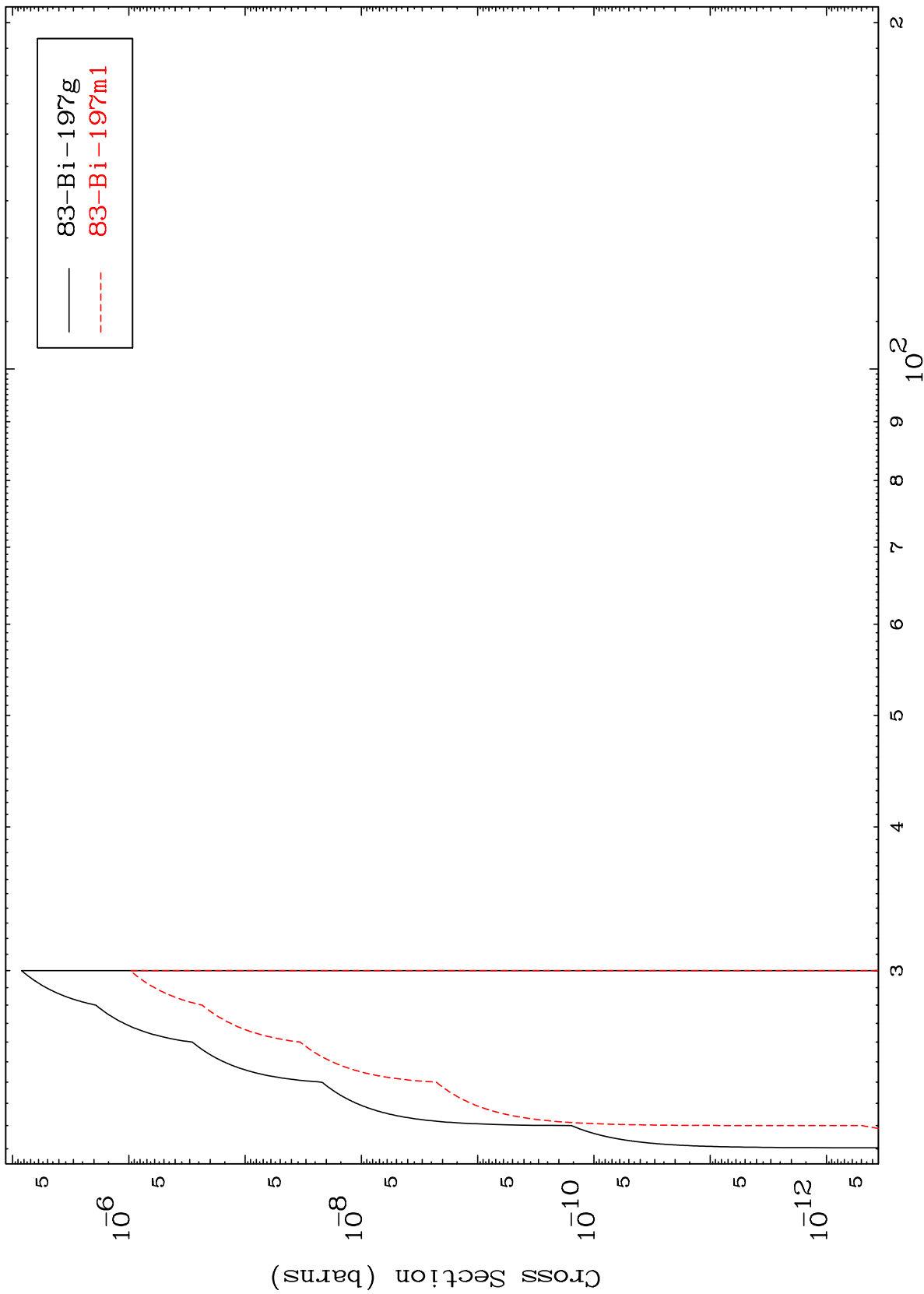


MAT 8207

(n,2n) d

82-Pb-198

Radionuclide Production Cross Section

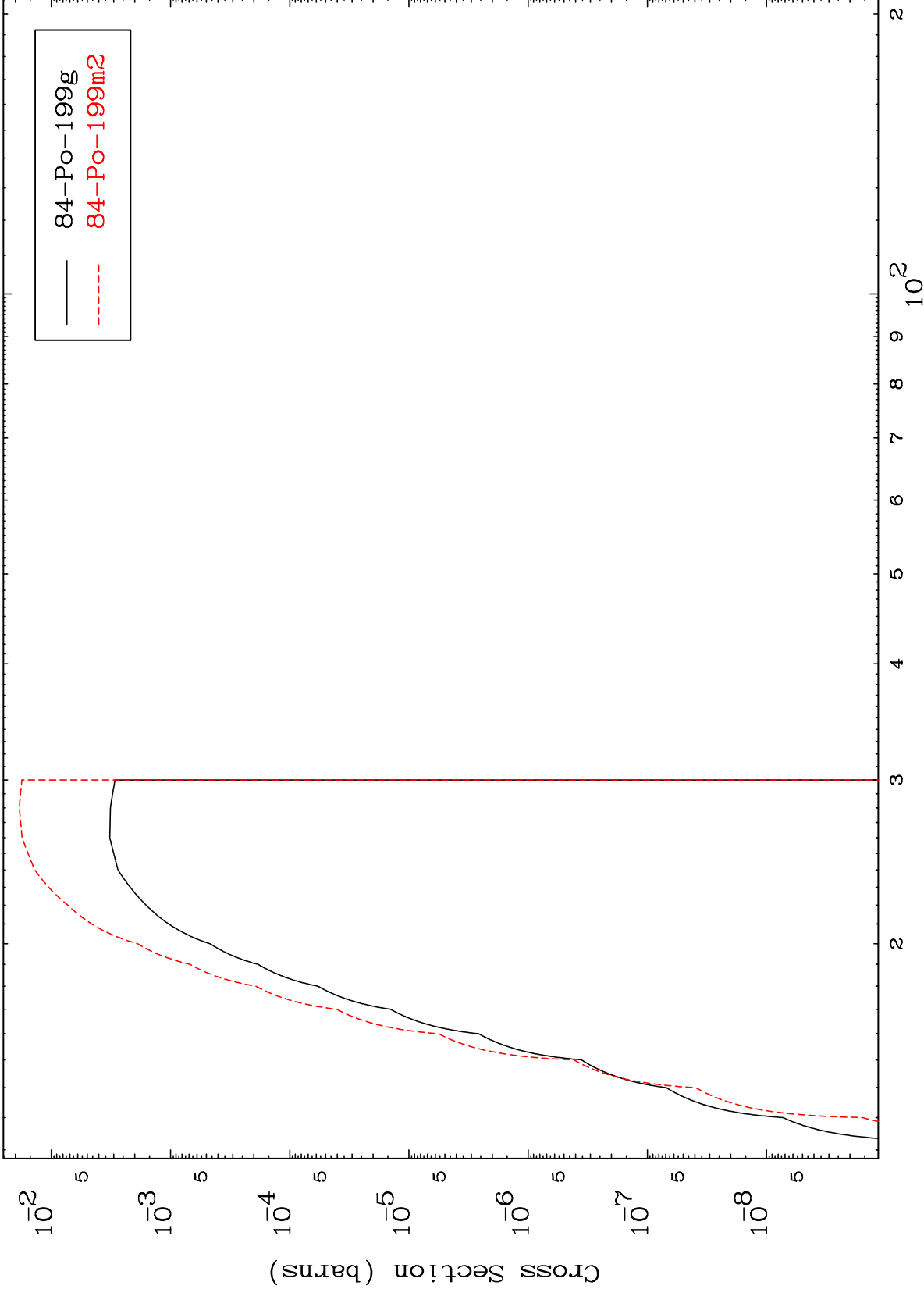


12

Incident Energy (MeV)

82-Pb-198

Radionuclide Production Cross Section



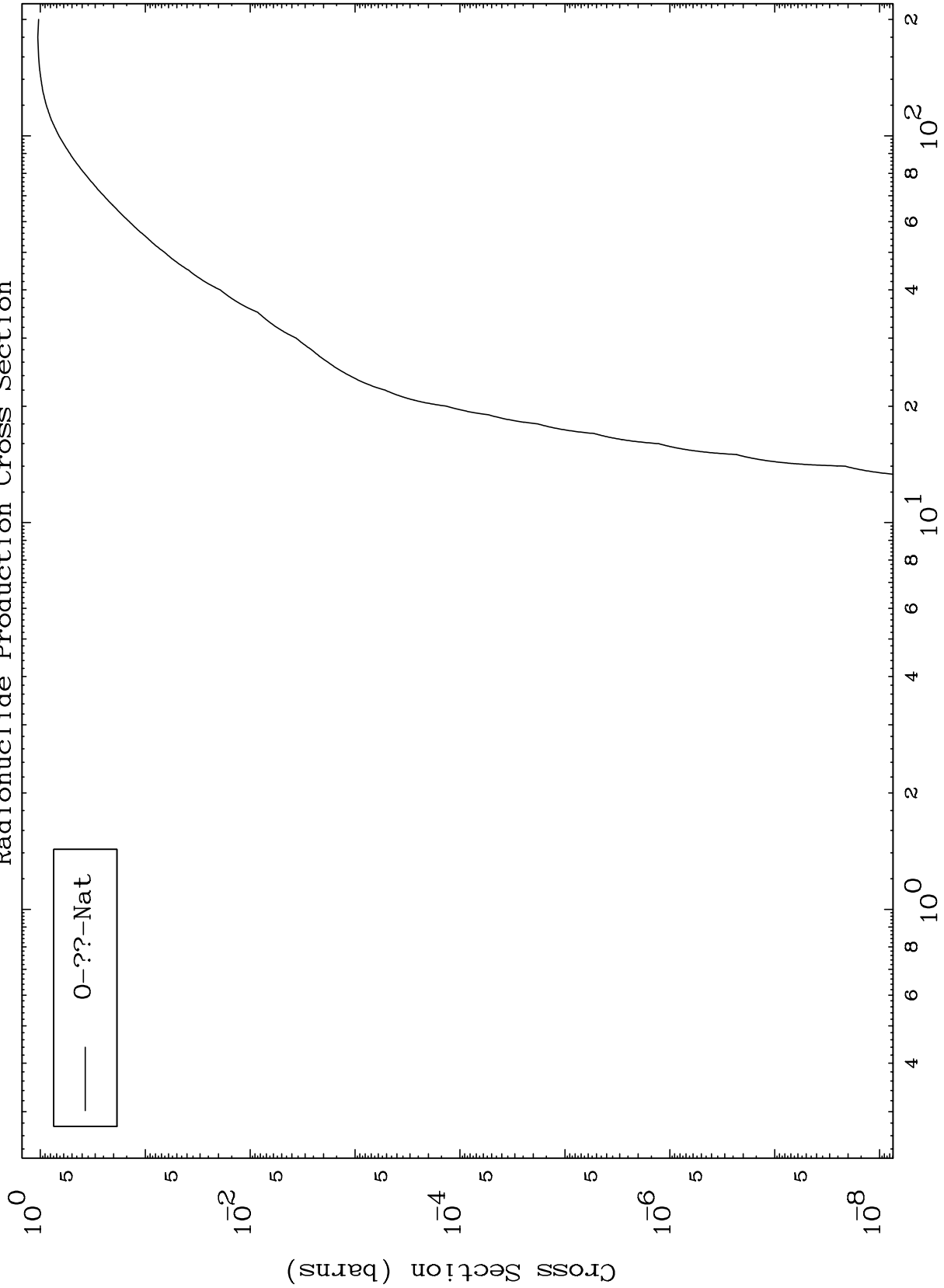
84-Po-199g
84-Po-199m2

MAT 8207

Fission

82-Pb-198

Radionuclide Production Cross Section

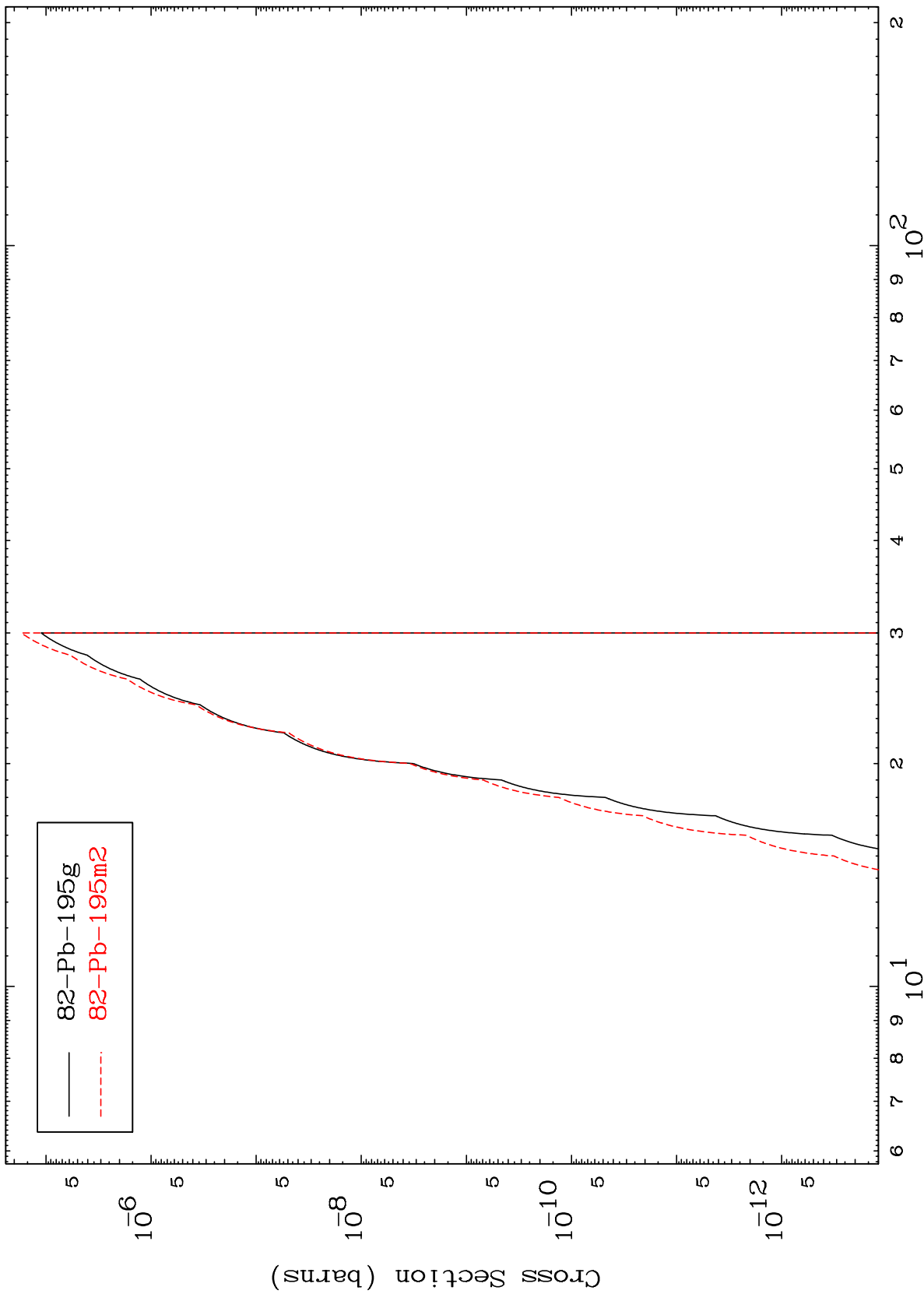


MAT 8207

$(n,2n)$ α

82-Pb-198

Radionuclide Production Cross Section



15

Incident Energy (MeV)

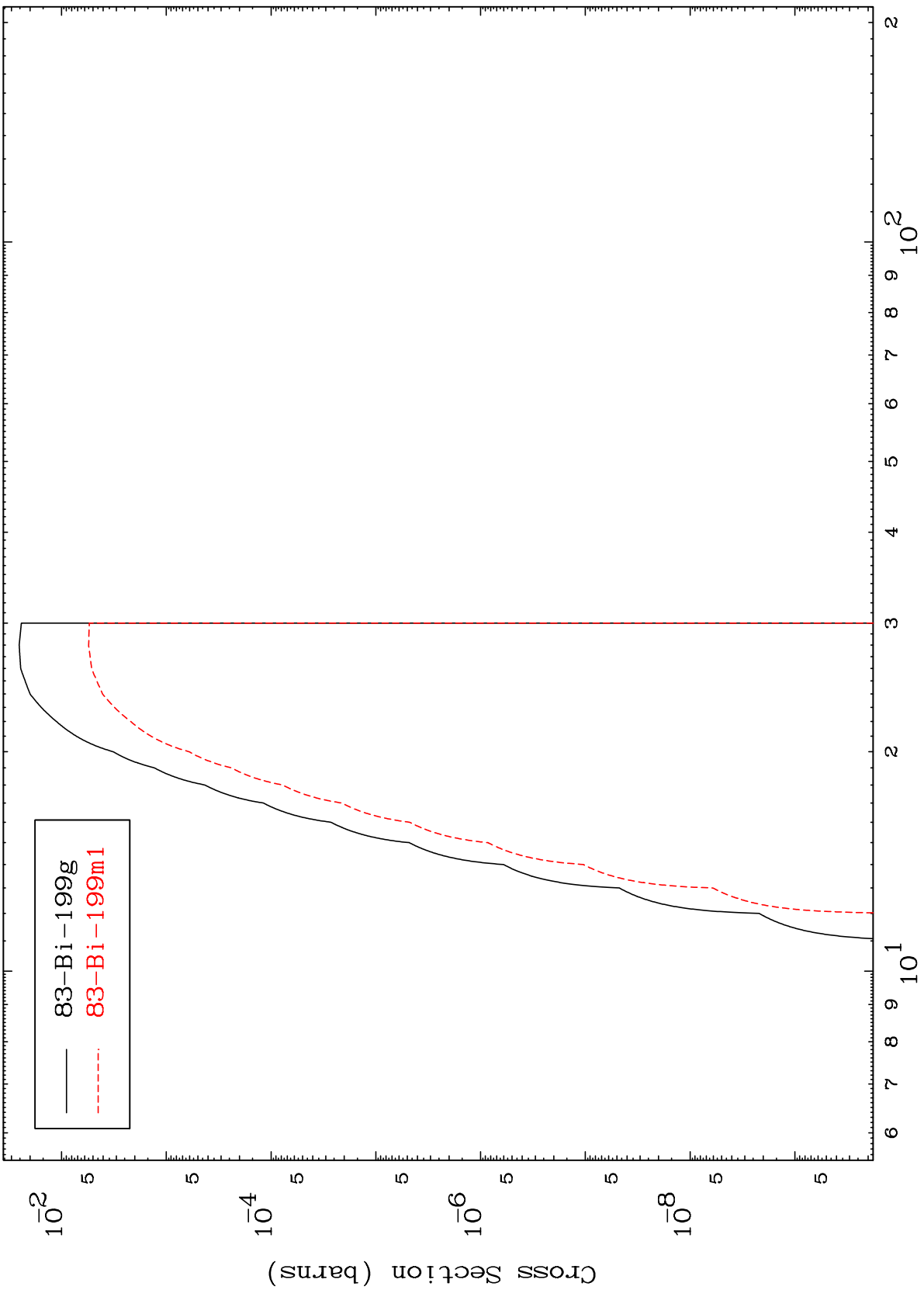
82-Pb-198

MAT 8207

(n,n') p

82-Pb-198

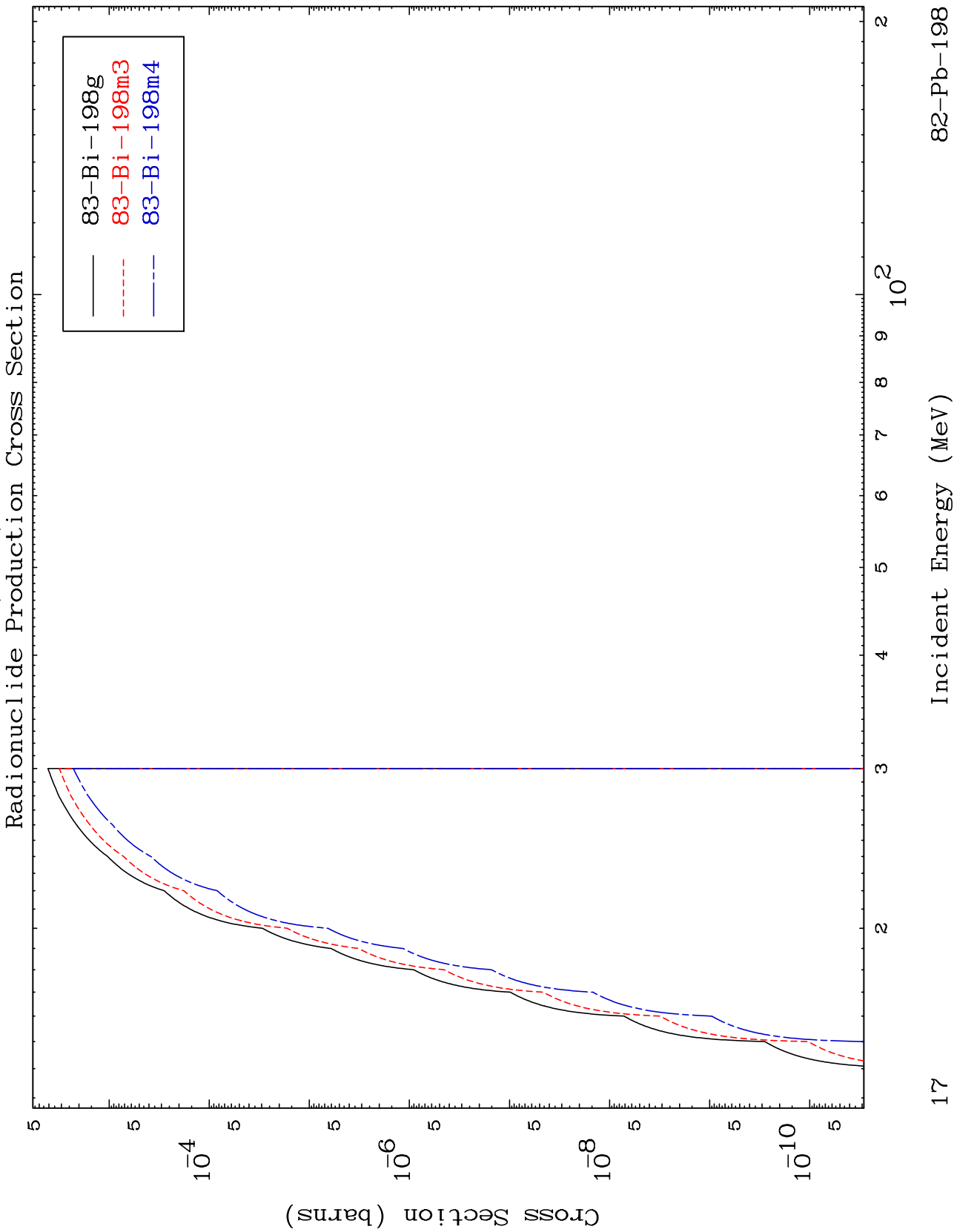
Radionuclide Production Cross Section



16

Incident Energy (MeV)

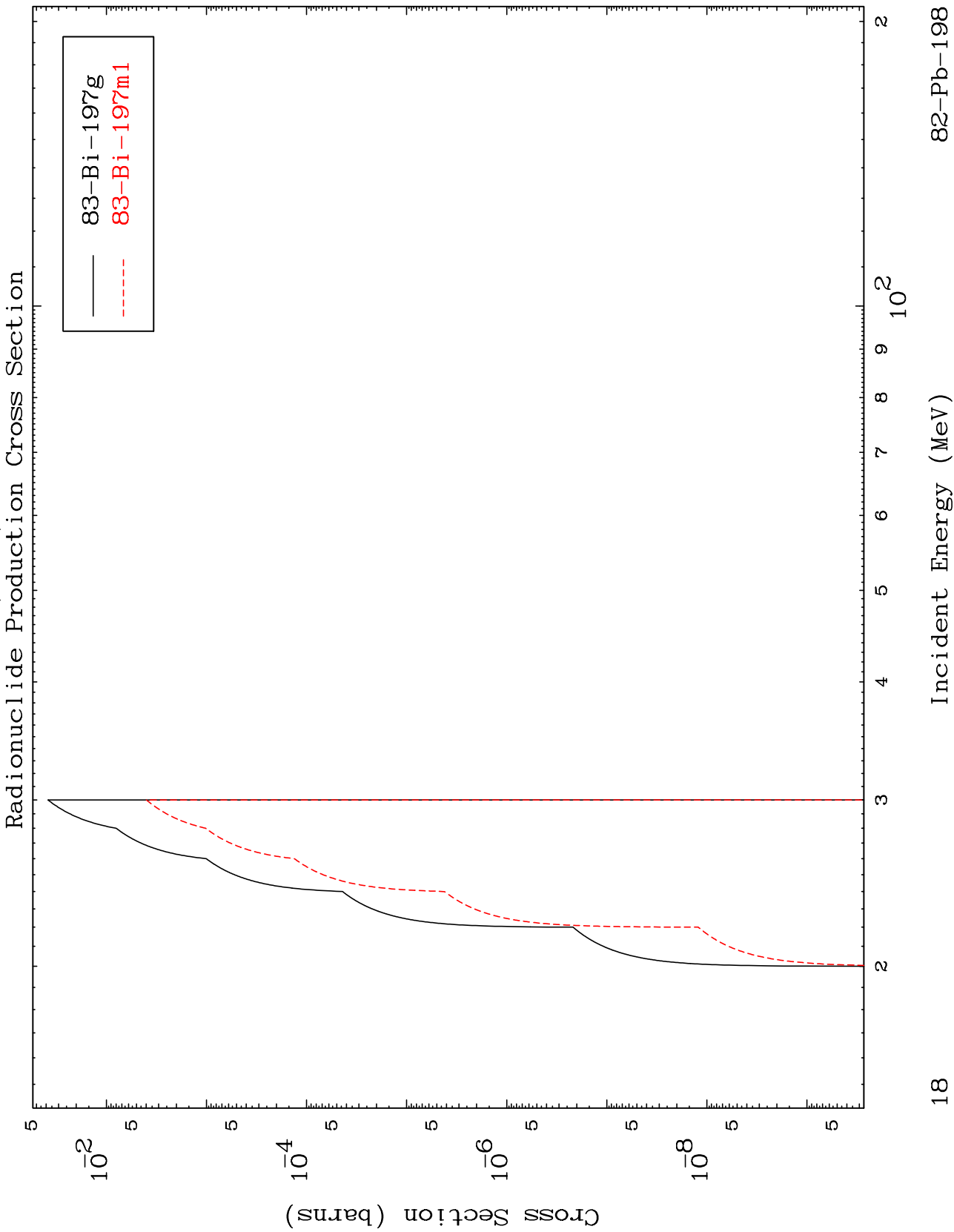
82-Pb-198



MAT 8207

(n,n') t

82-Pb-198



18

Incident Energy (MeV)

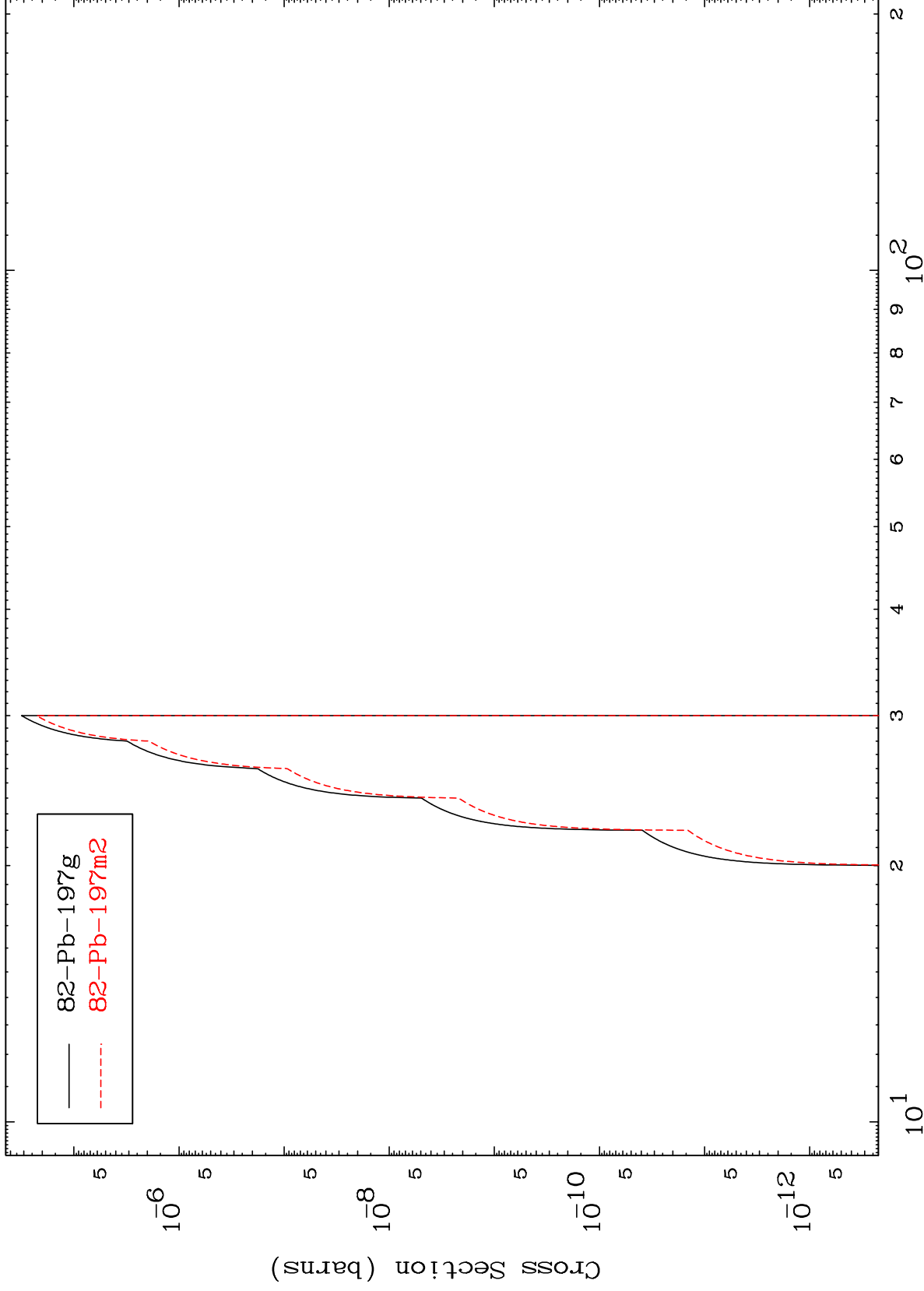
82-Pb-198

MAT 8207

(n,n') He-3

82-Pb-198

Radionuclide Production Cross Section

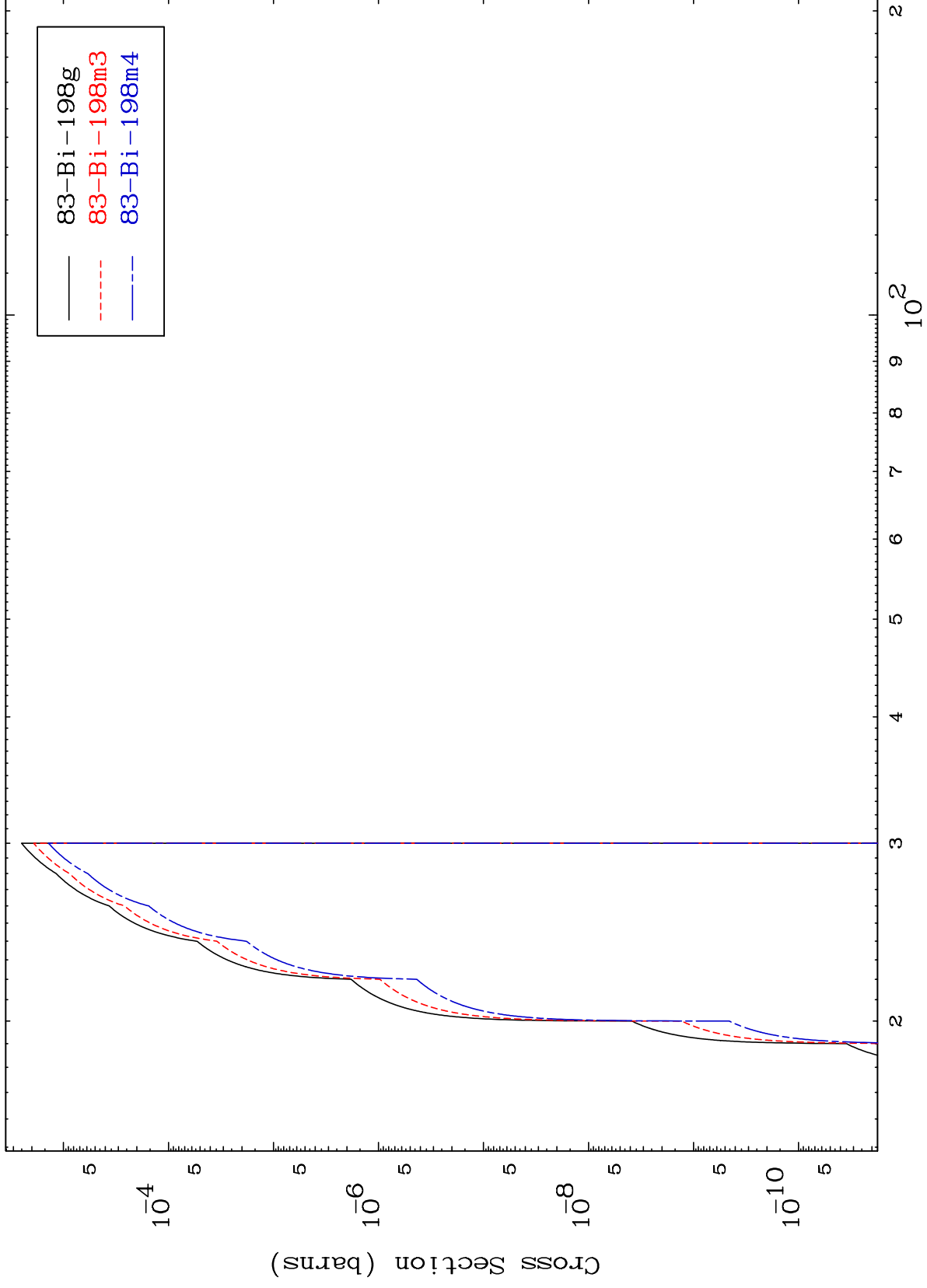


19

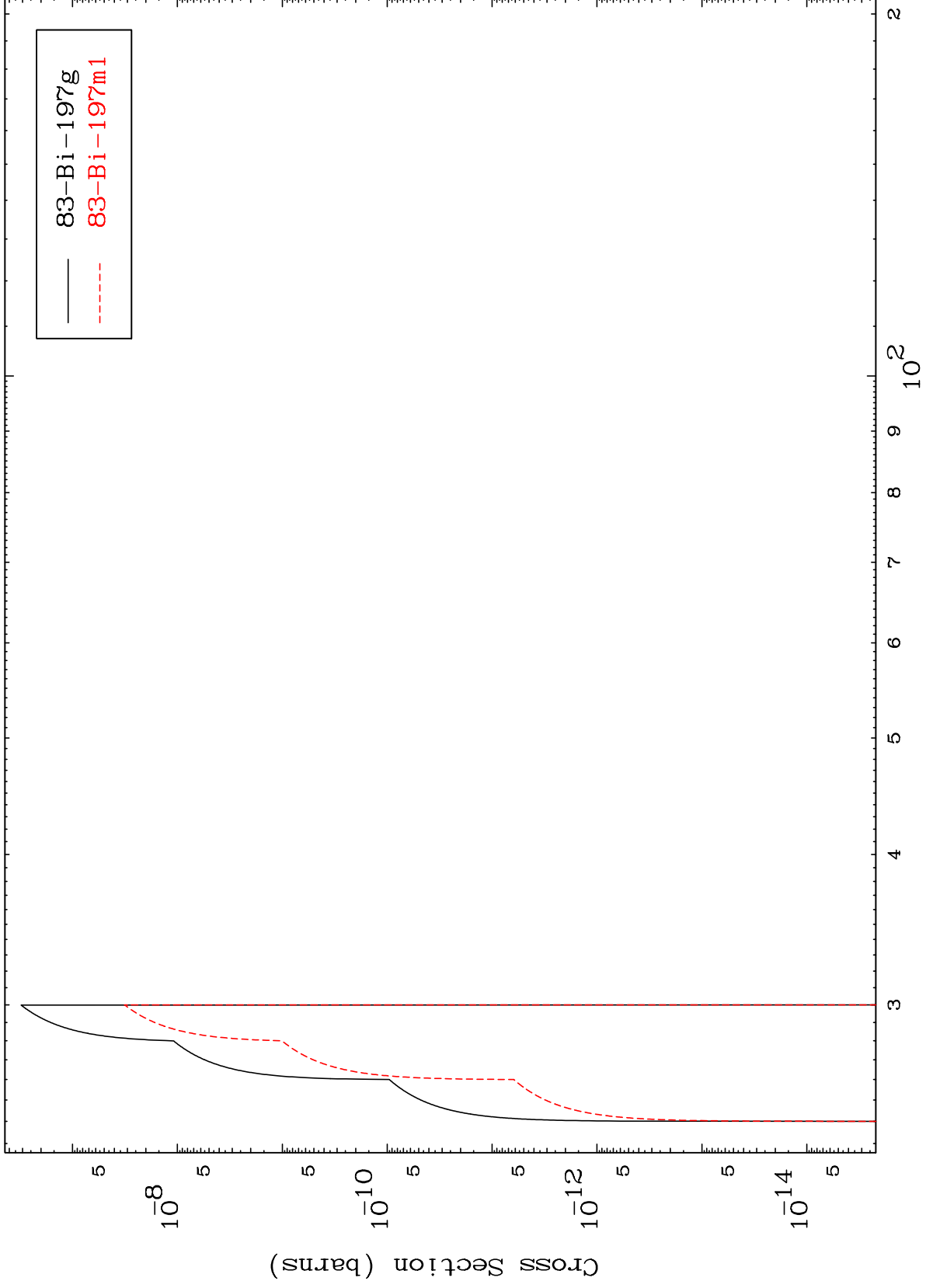
Incident Energy (MeV)

82-Pb-198

Radionuclide Production Cross Section



Radionuclide Production Cross Section

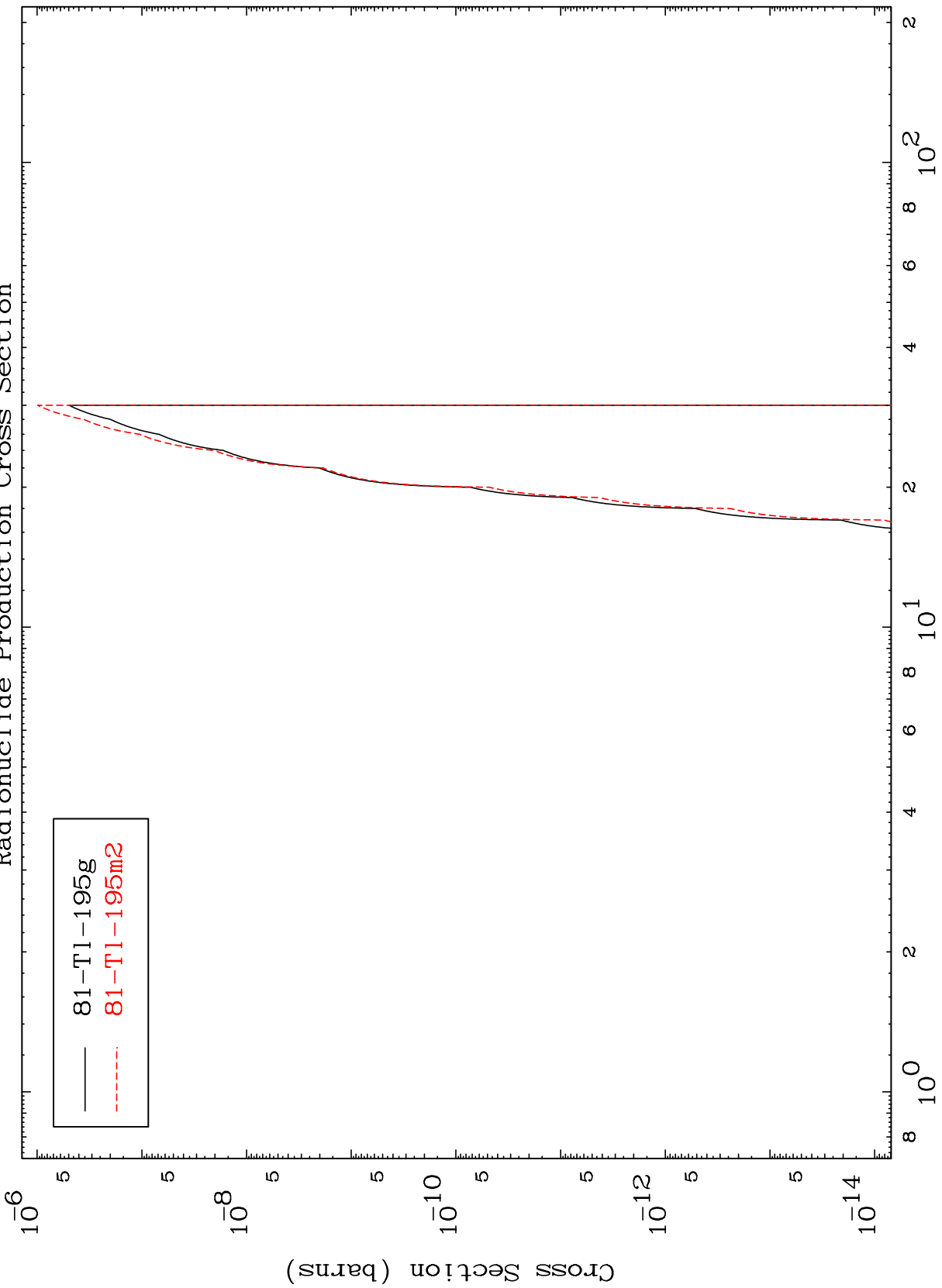


MAT 8207

(n,n') p α

82-Pb-198

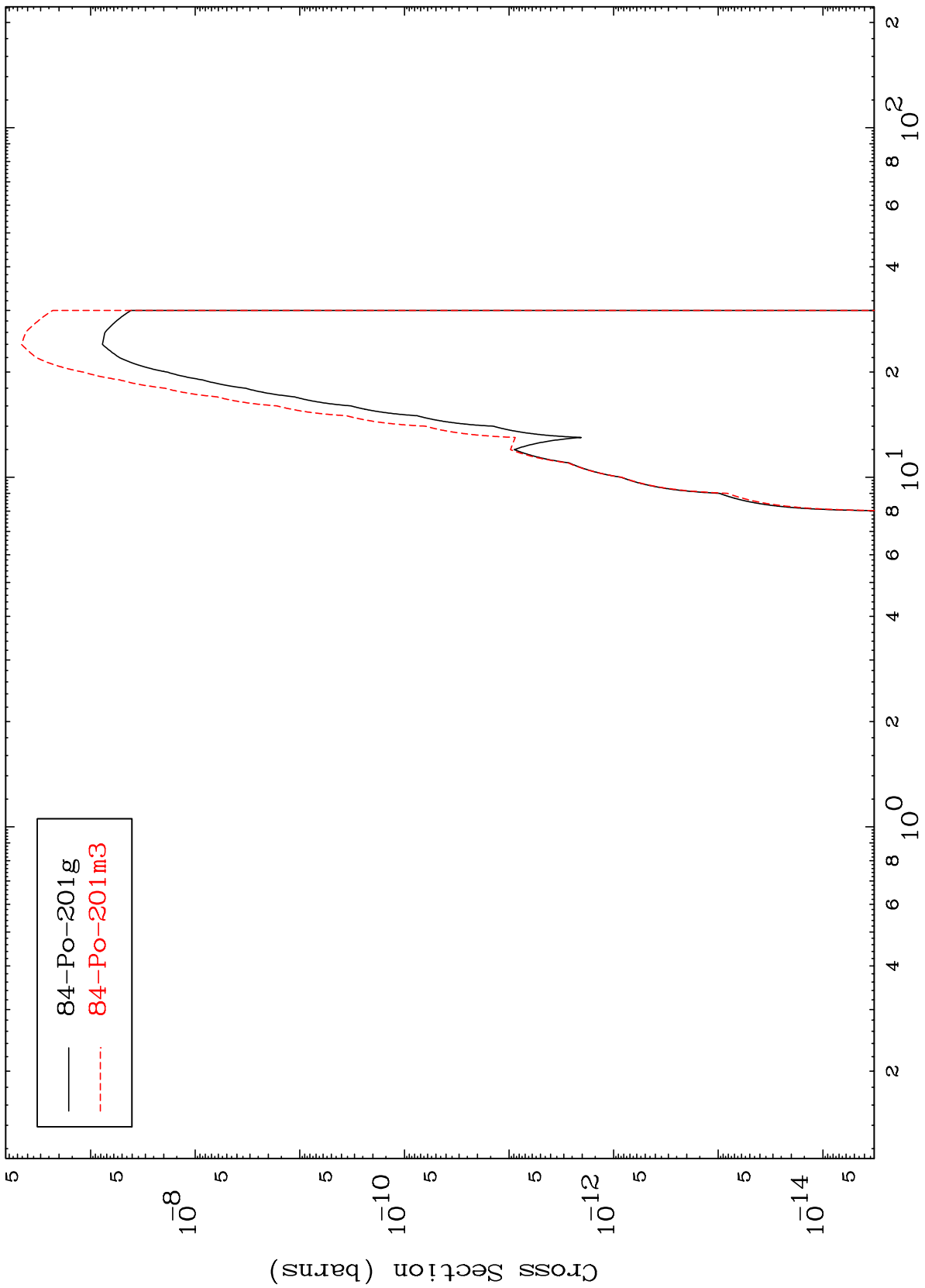
Radionuclide Production Cross Section



MAT 8207

82-Pb-198

(n, γ)
Radionuclide Production Cross Section



82-Pb-198

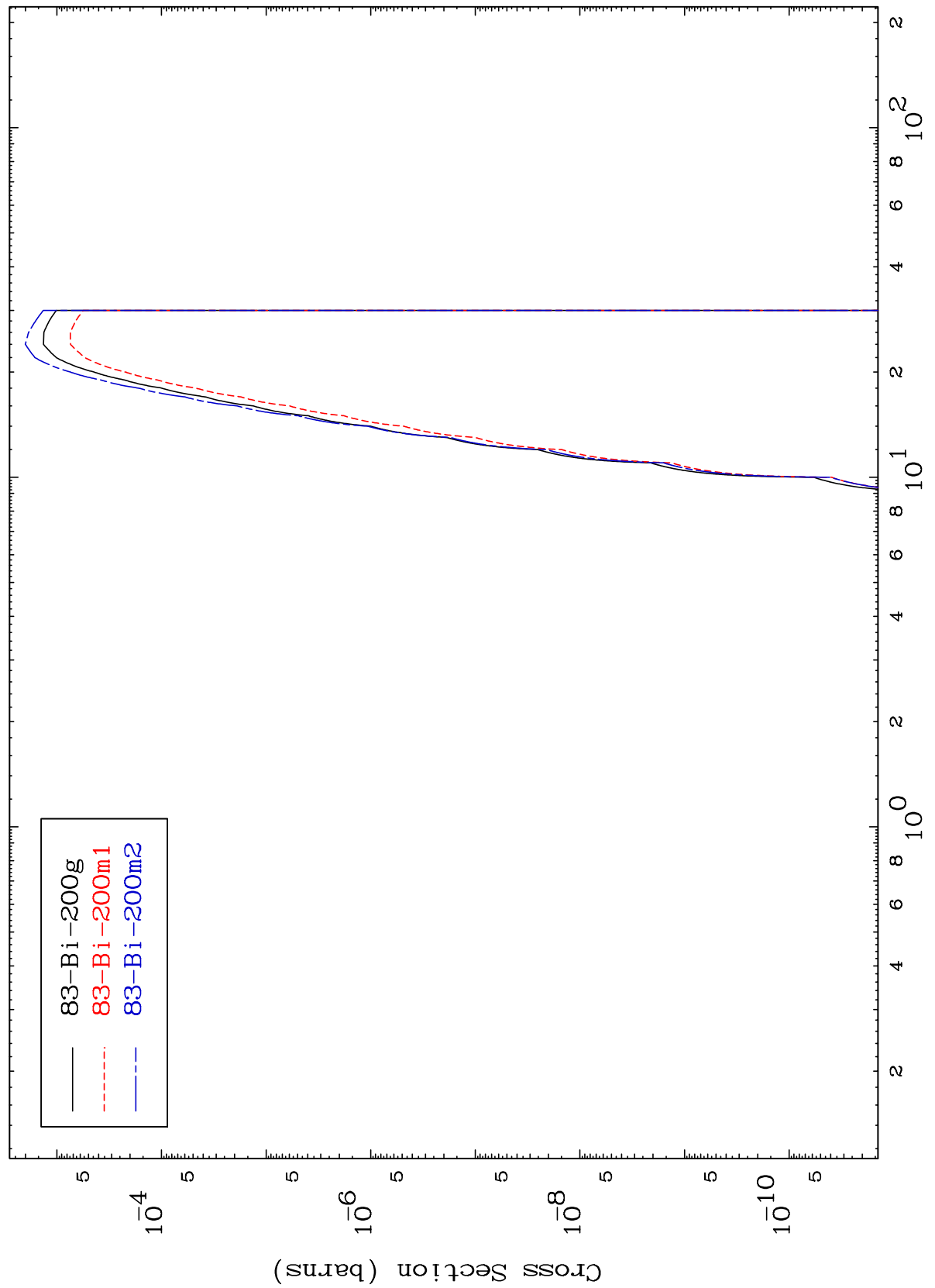
Incident Energy (MeV)

23

MAT 8207

82-Pb-198

(n,p)
Radionuclide Production Cross Section



24

82-Pb-198

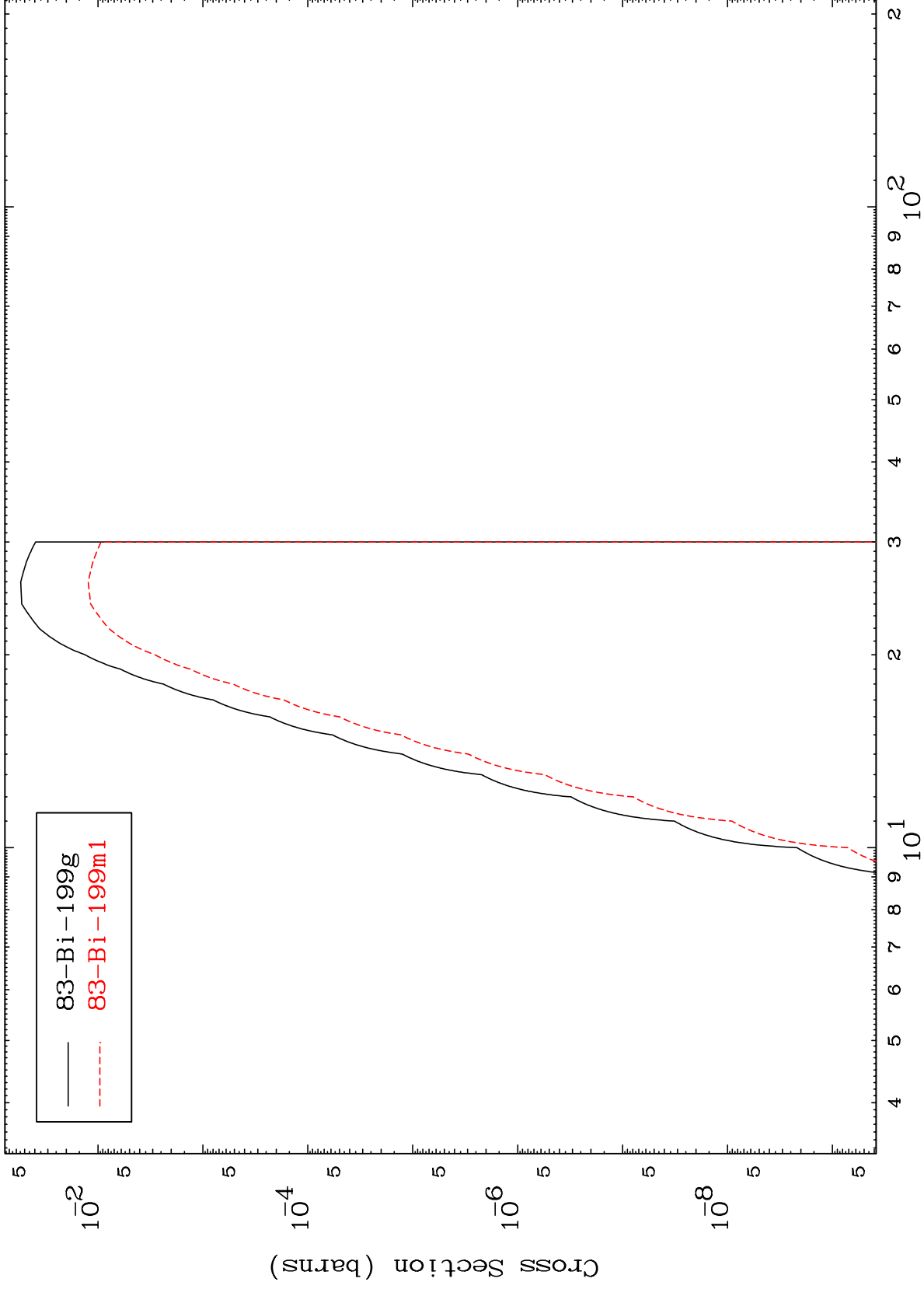
Incident Energy (MeV)

MAT 8207

(n,d)

82-Pb-198

Radionuclide Production Cross Section



25

Incident Energy (MeV)

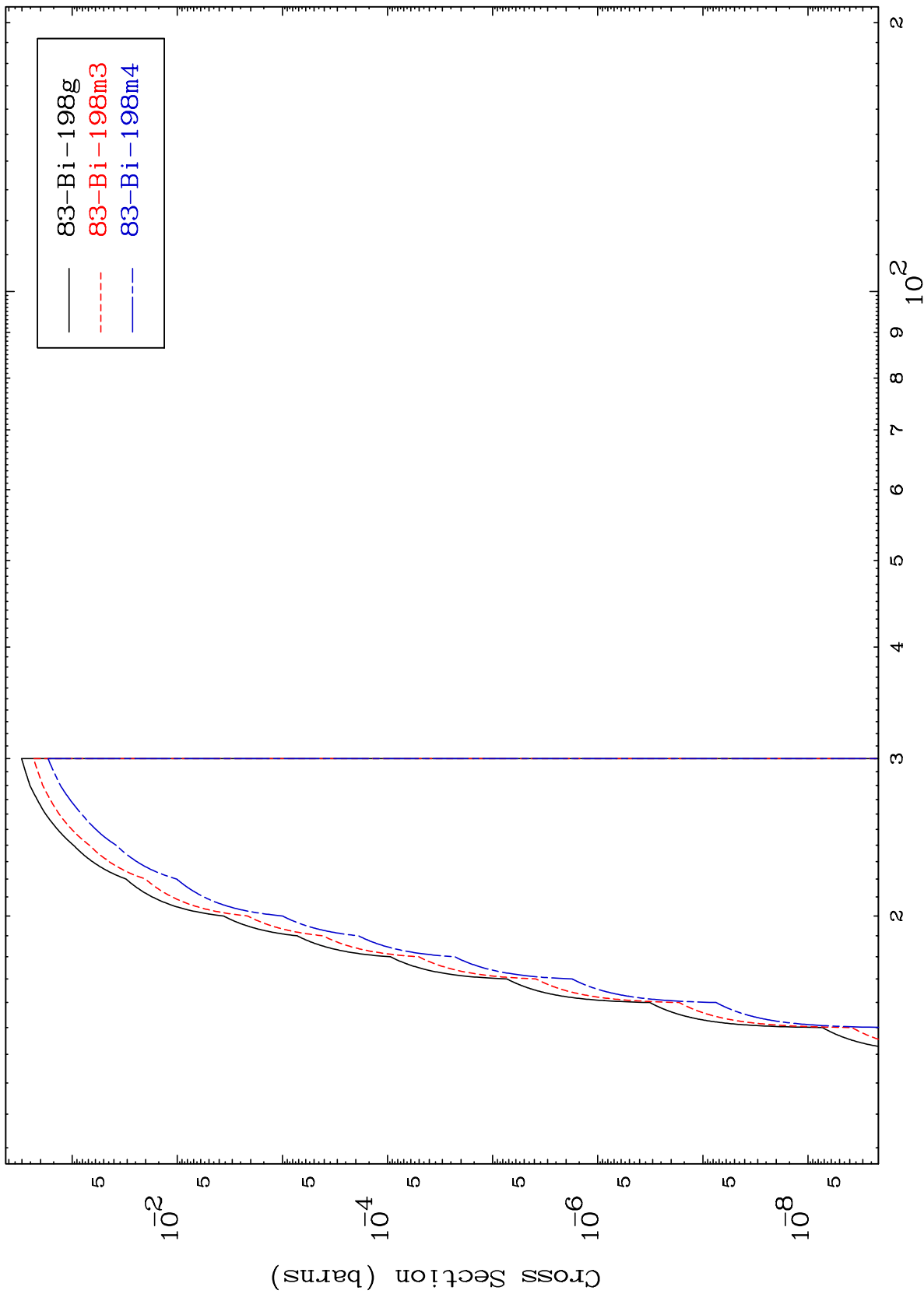
82-Pb-198

MAT 8207

(n, t)

82-Pb-198

Radionuclide Production Cross Section



26

Incident Energy (MeV)

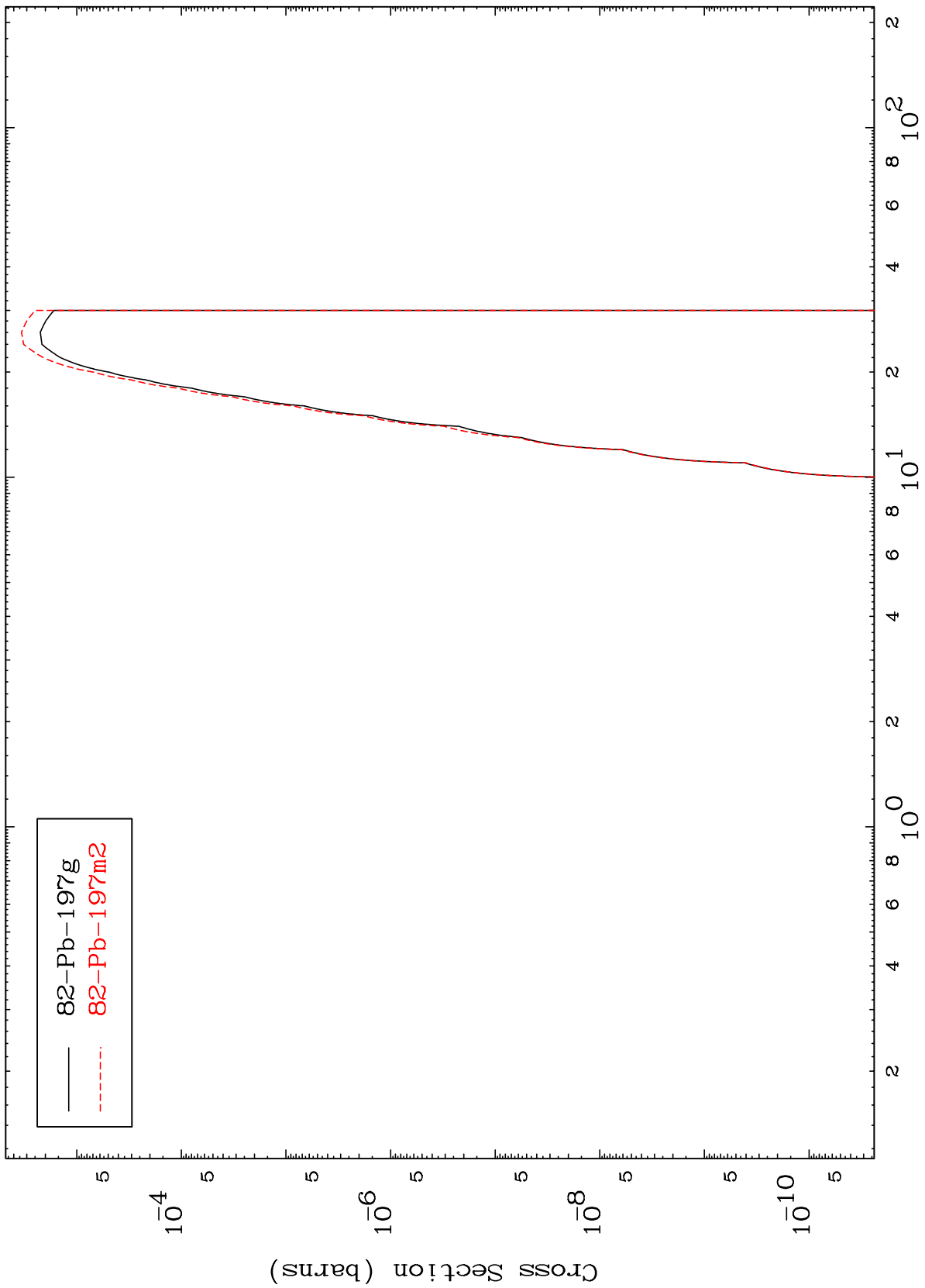
82-Pb-198

MAT 8207

82-Pb-198

(n, α)

Radionuclide Production Cross Section



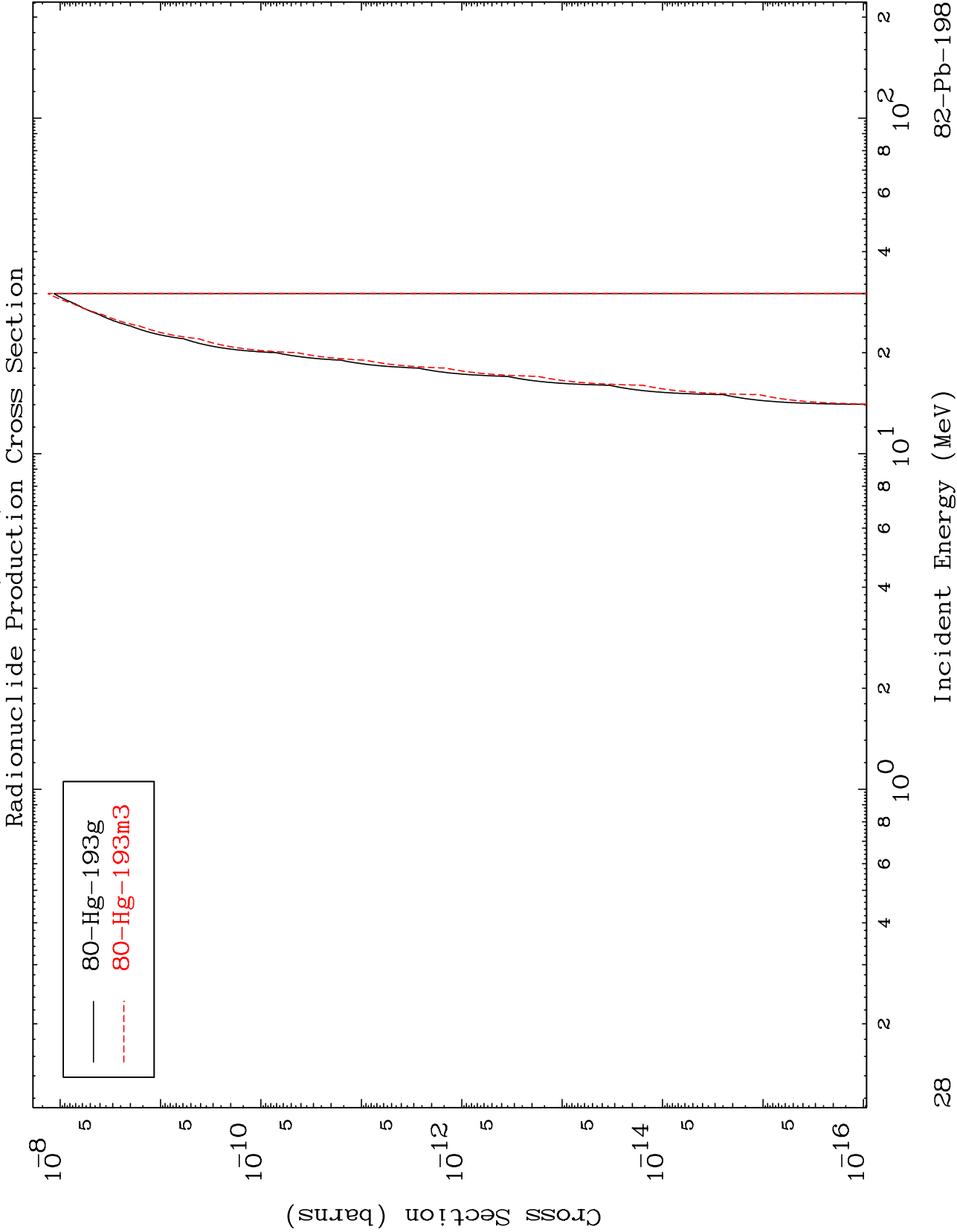
82-Pb-198

Incident Energy (MeV)

MAT 8207

(n,2α)

82-Pb-198

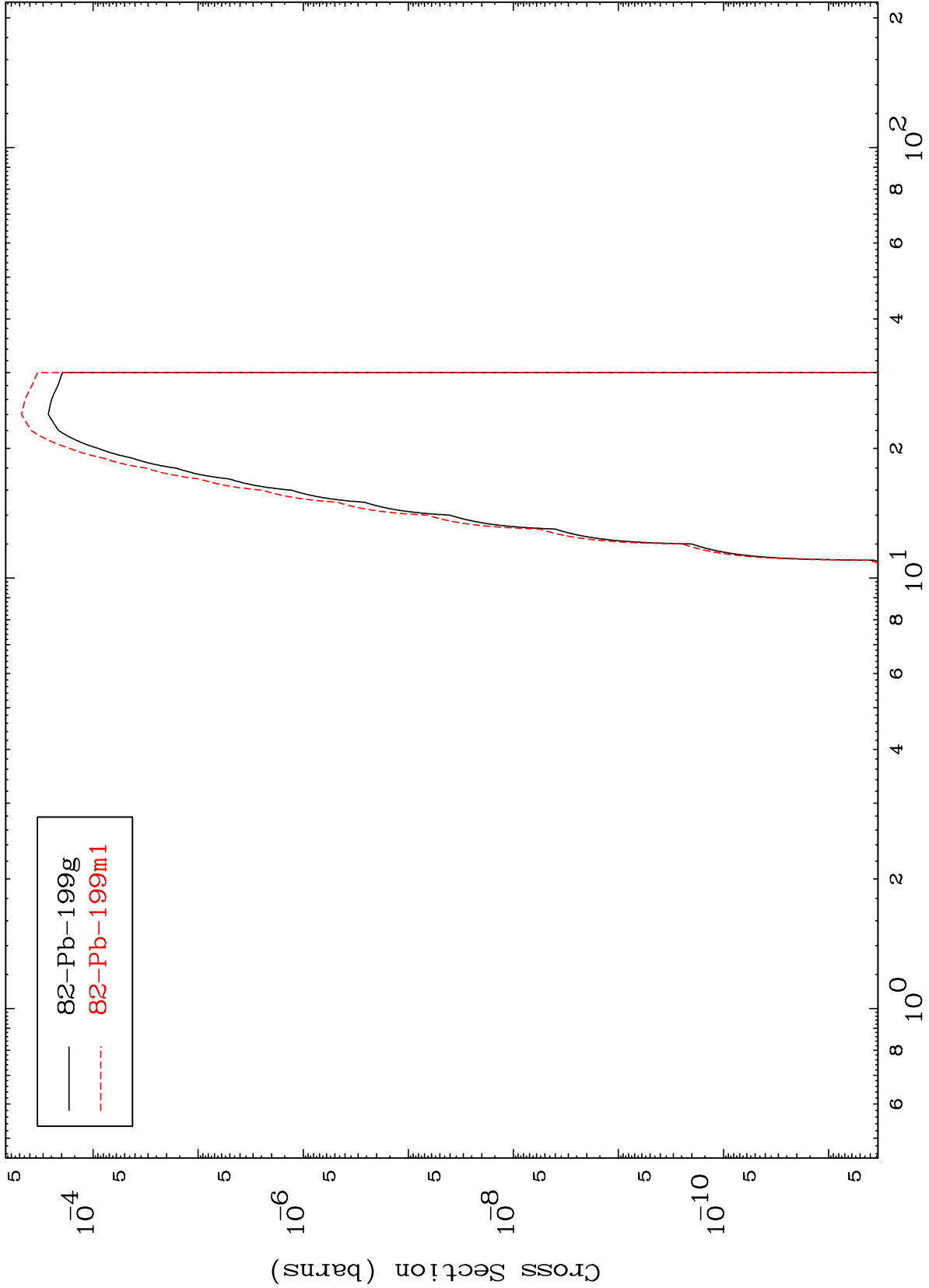


MAT 8207

(n,2p)

82-Pb-198

Radionuclide Production Cross Section



29

Incident Energy (MeV)

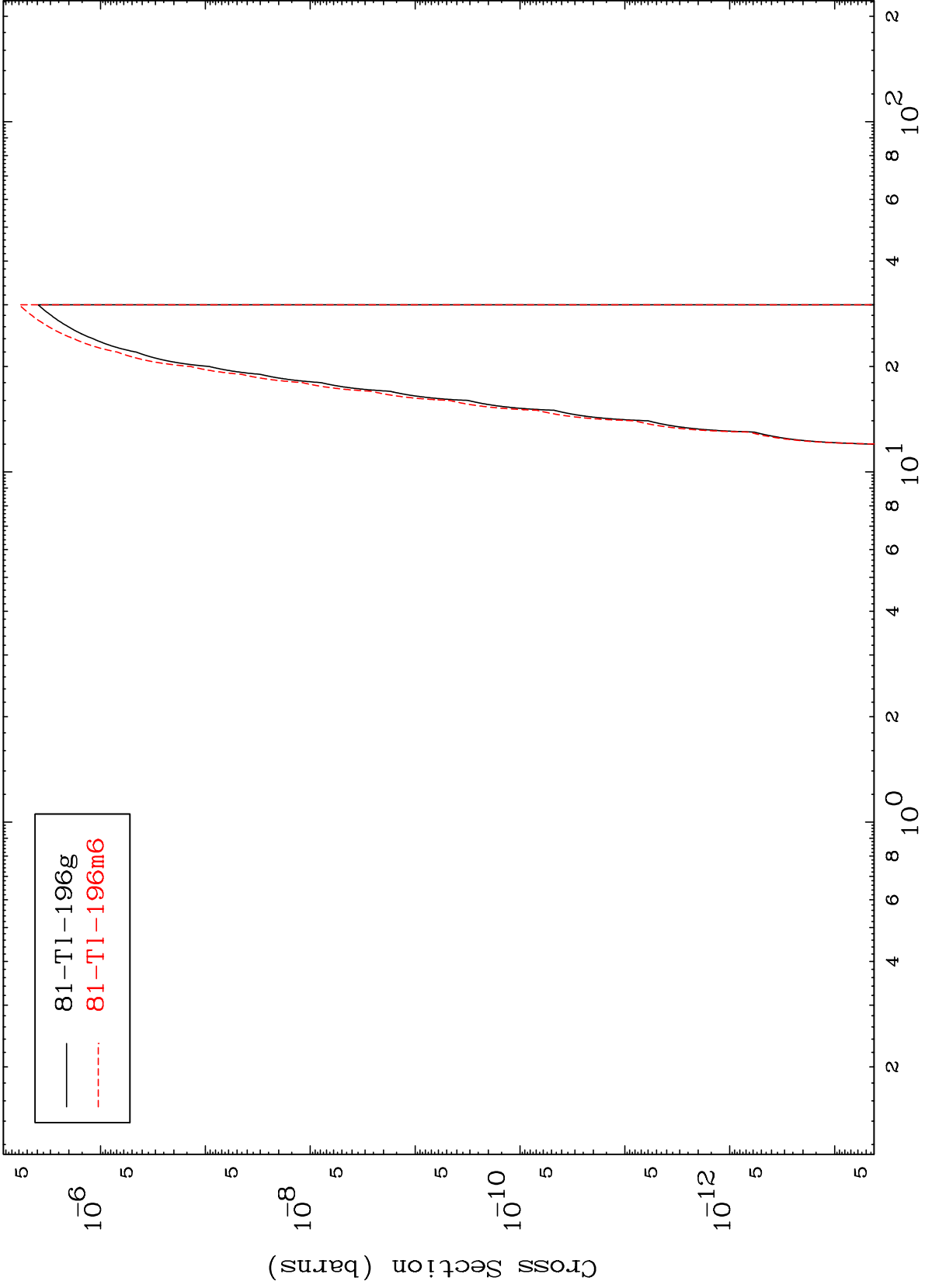
82-Pb-198

MAT 8207

(n,p) α

82-Pb-198

Radionuclide Production Cross Section

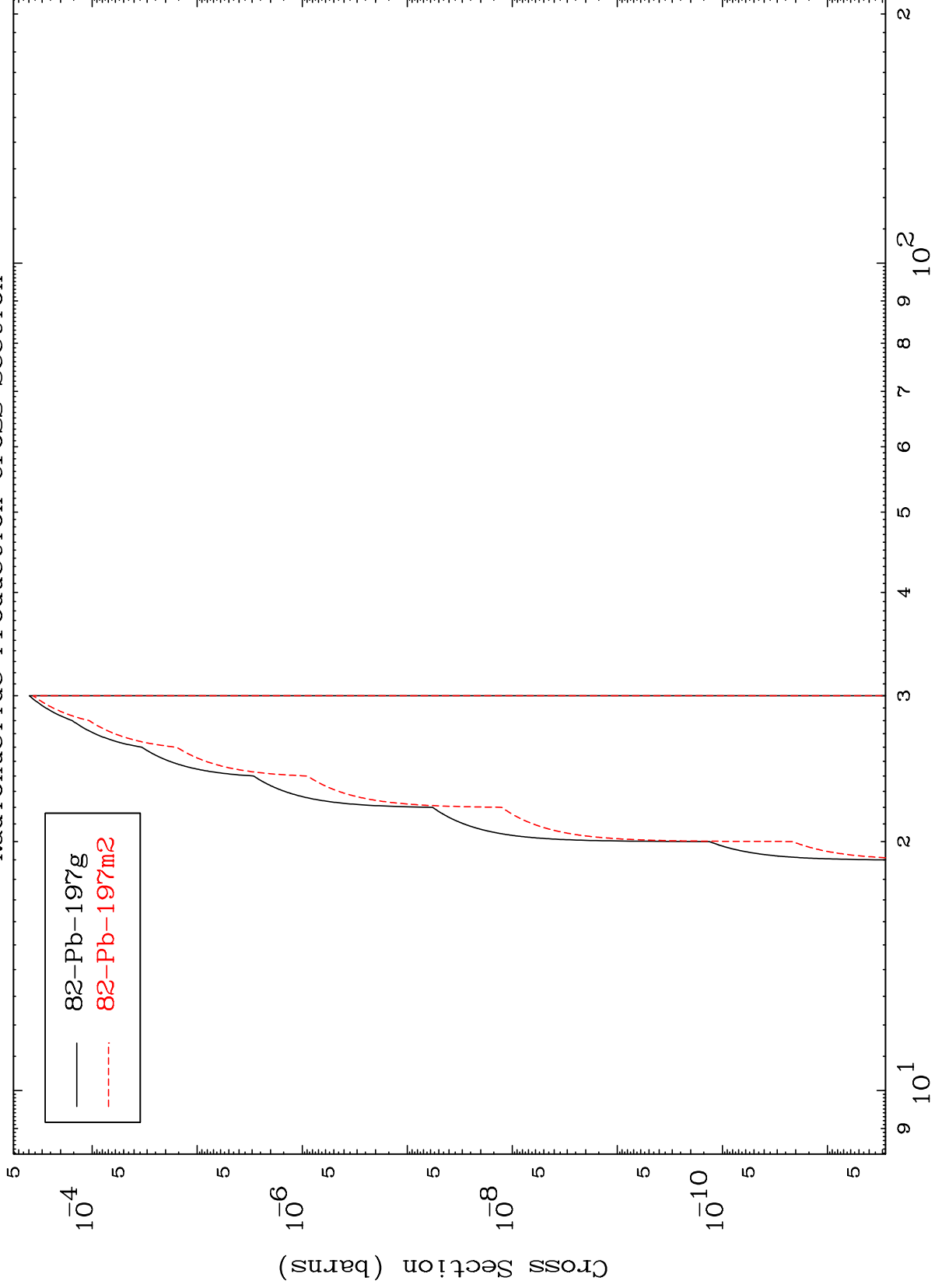


MAT 8207

(n,p) t

82-Pb-198

Radionuclide Production Cross Section



31

Incident Energy (MeV)

82-Pb-198

MAT 8207

(n,d) α

82-Pb-198

