

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

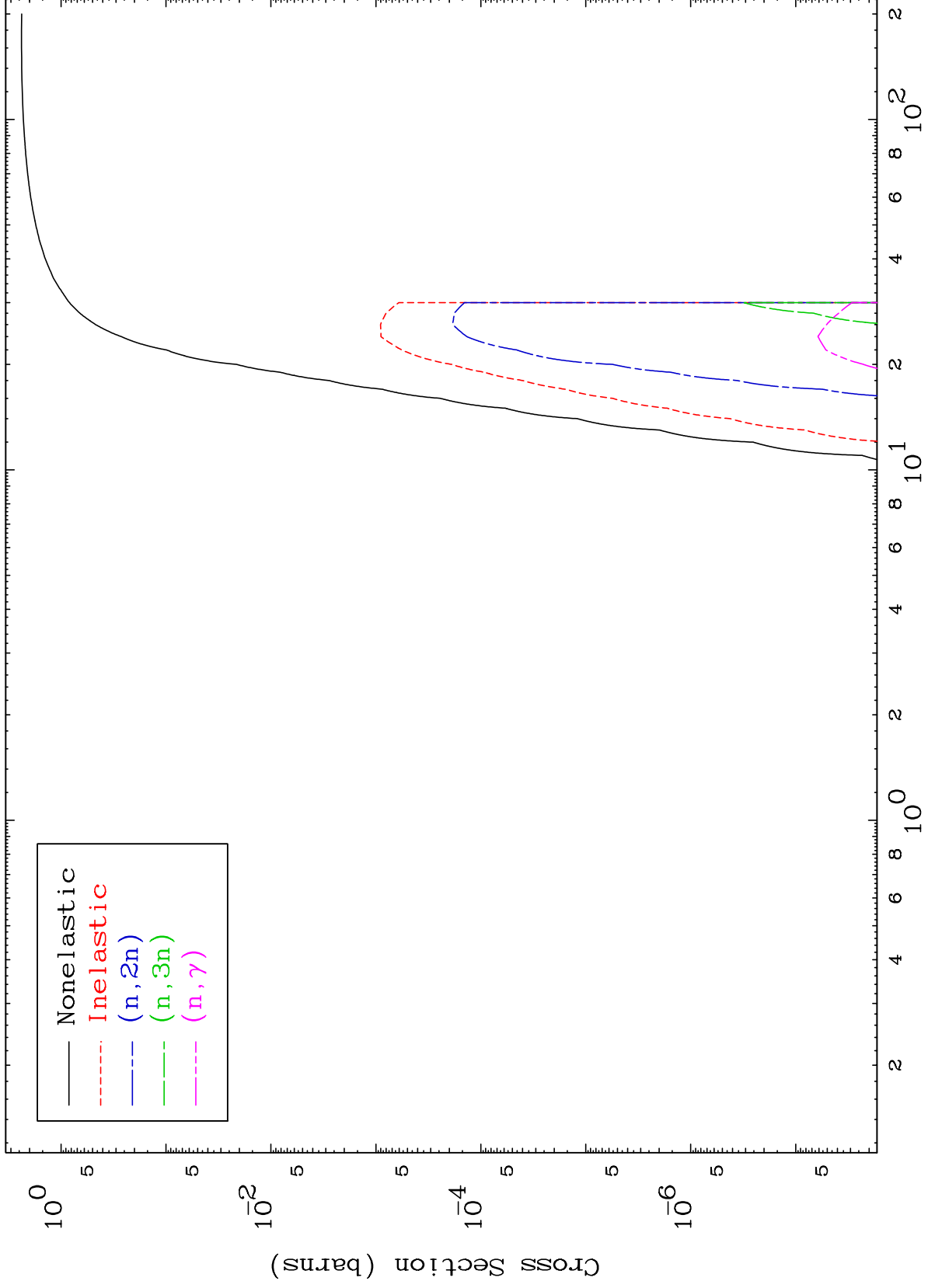
Press Mouse Button to Start

MAT 8401

He-3 Major

84-Po-198

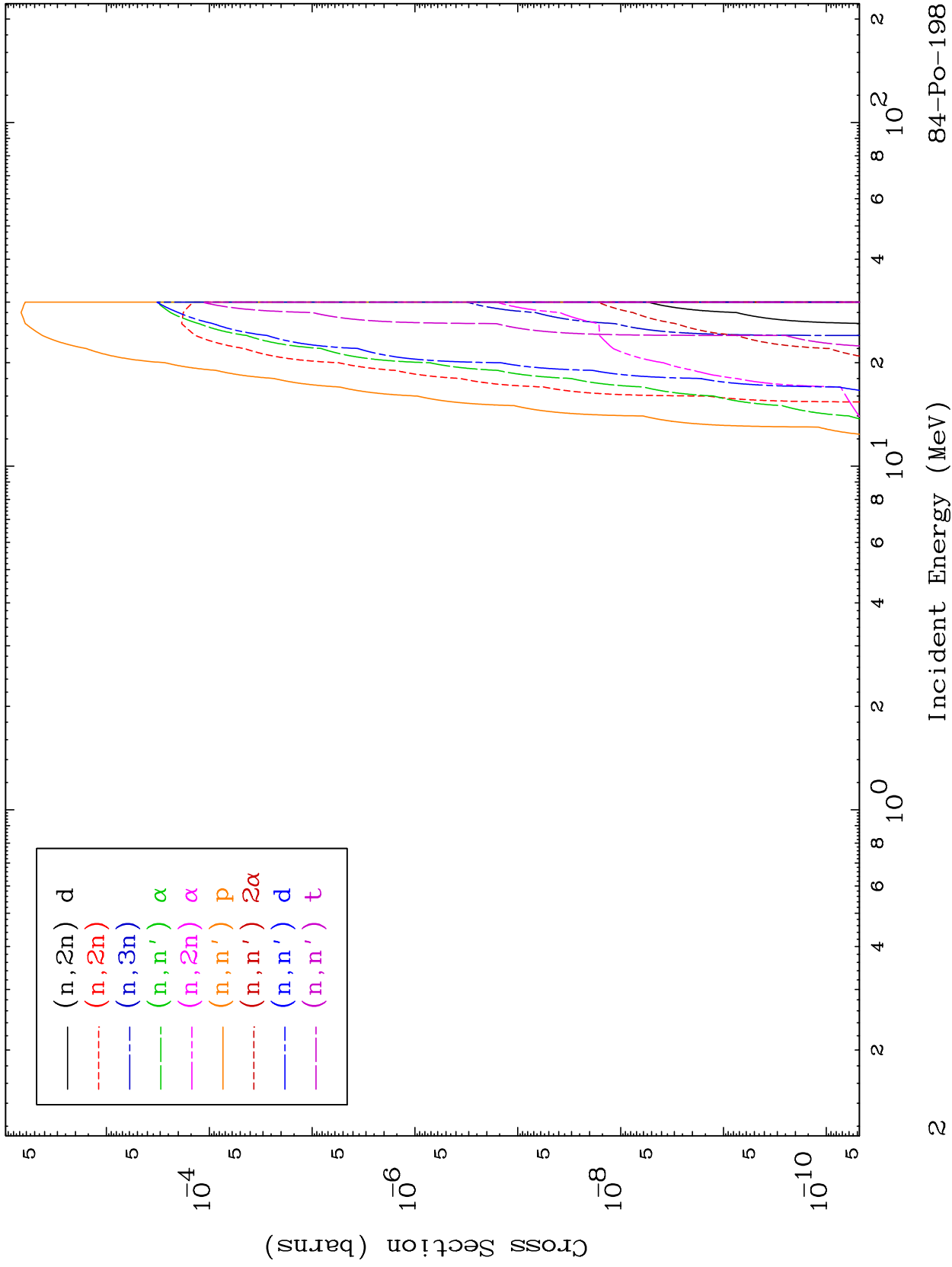
0 Kelvin Cross Sections



MAT 8401

He-3 Neutron Absorption
0 Kelvin Cross Sections

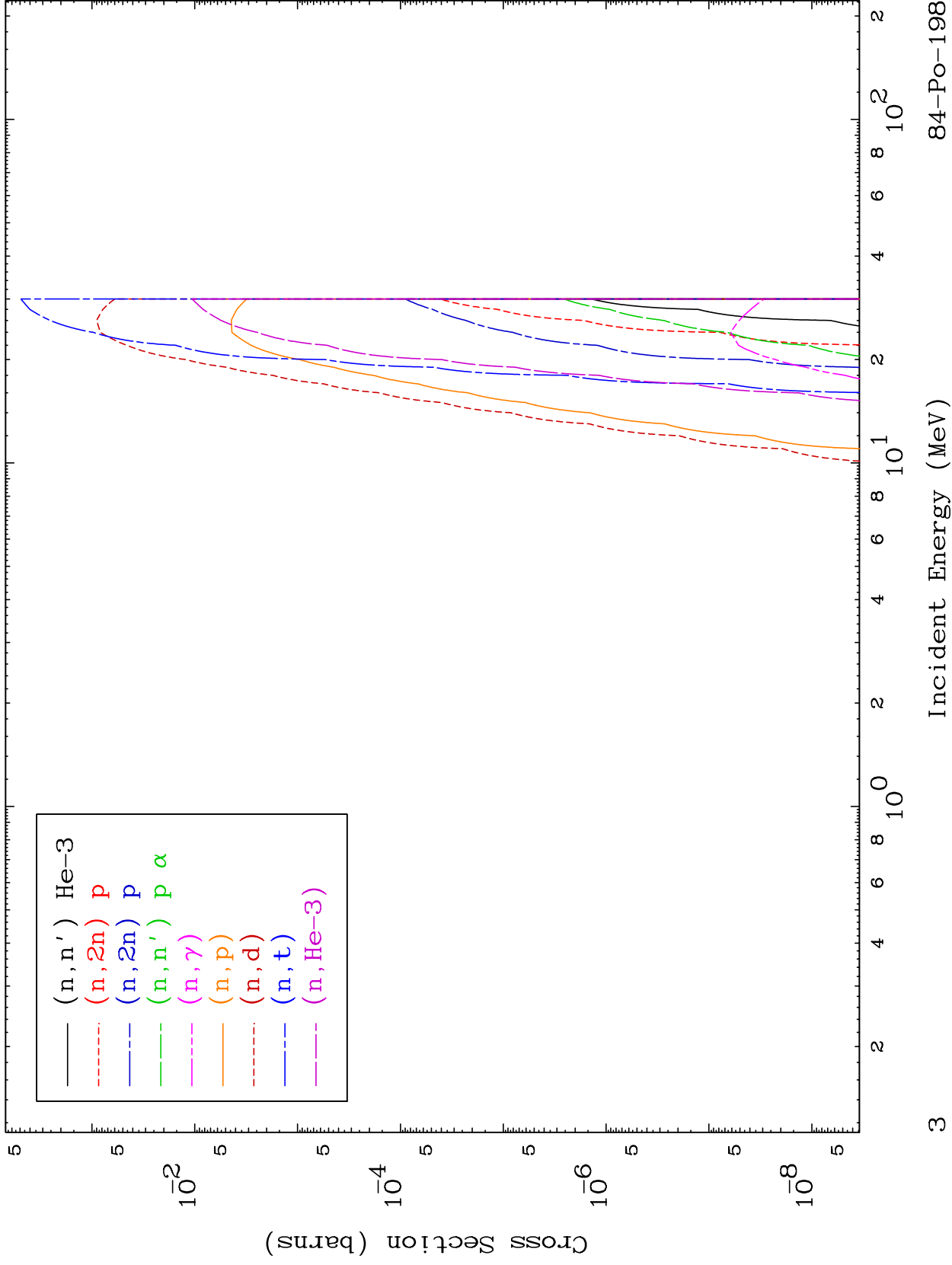
84-Po-198



MAT 8401

He-3 Neutron Absorption
0 Kelvin Cross Sections

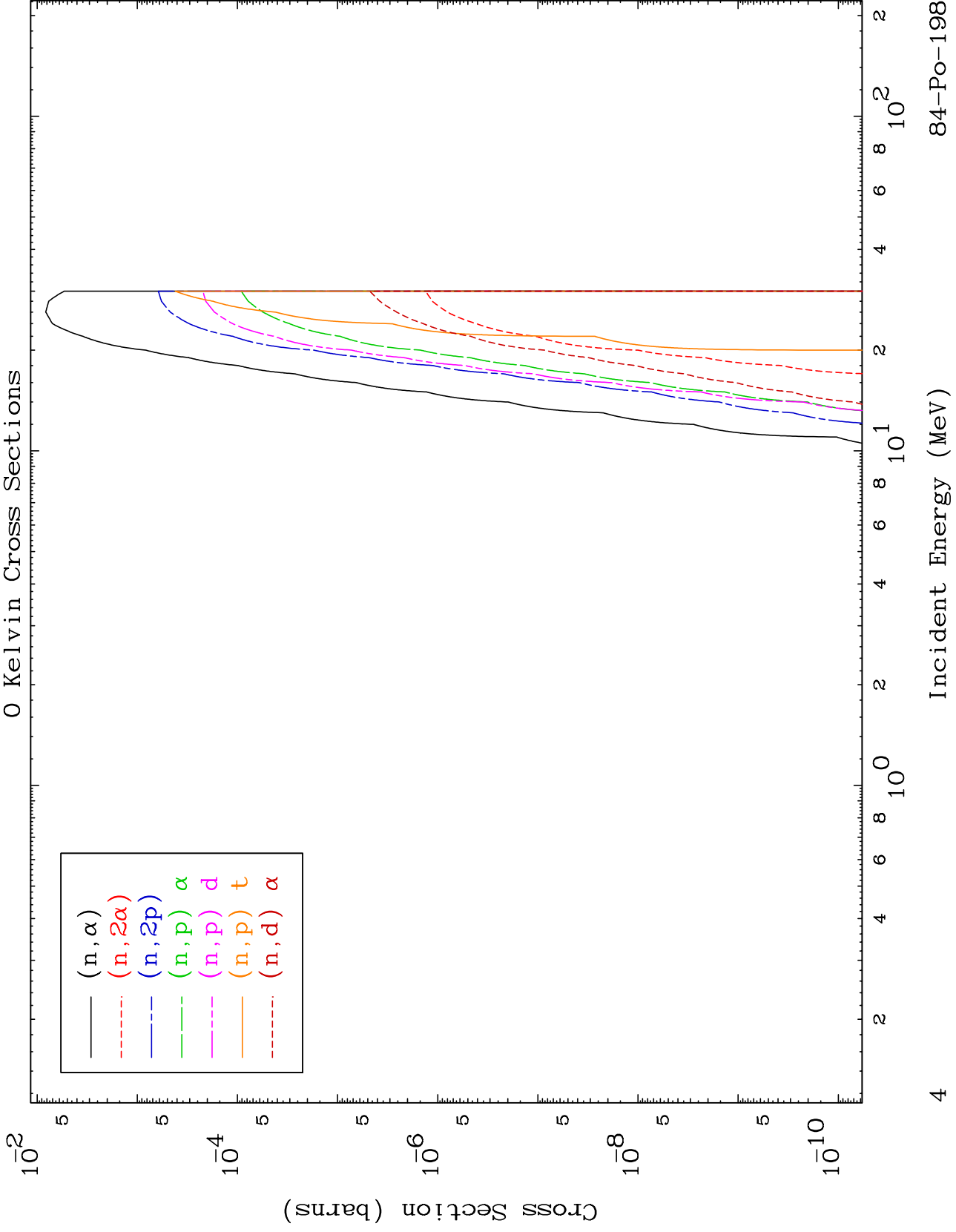
84-Po-198



MAT 8401

He-3 Neutron Absorption
0 Kelvin Cross Sections

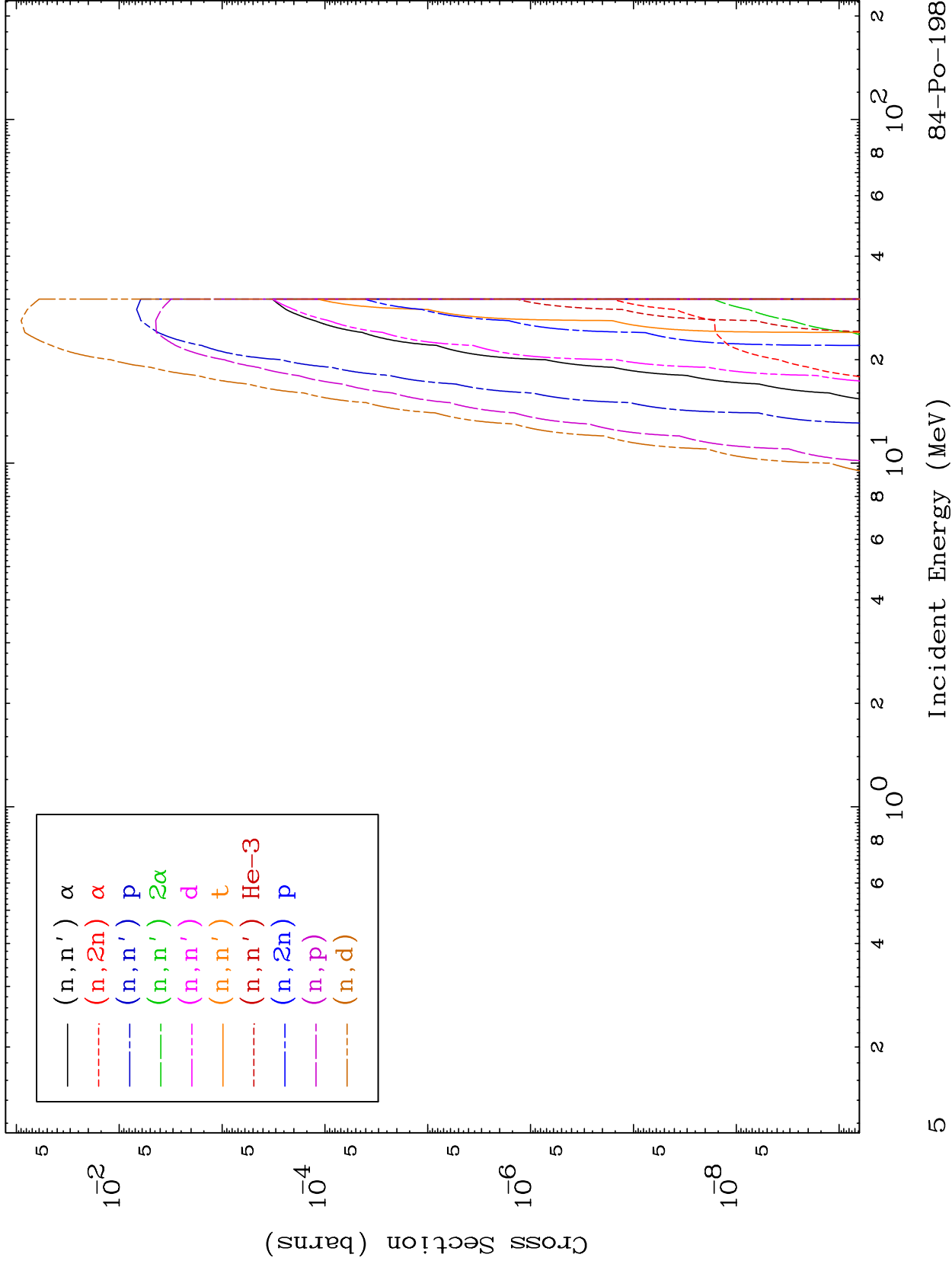
84-Po-198



MAT 8401

He-3 Charged Particle
0 Kelvin Cross Sections

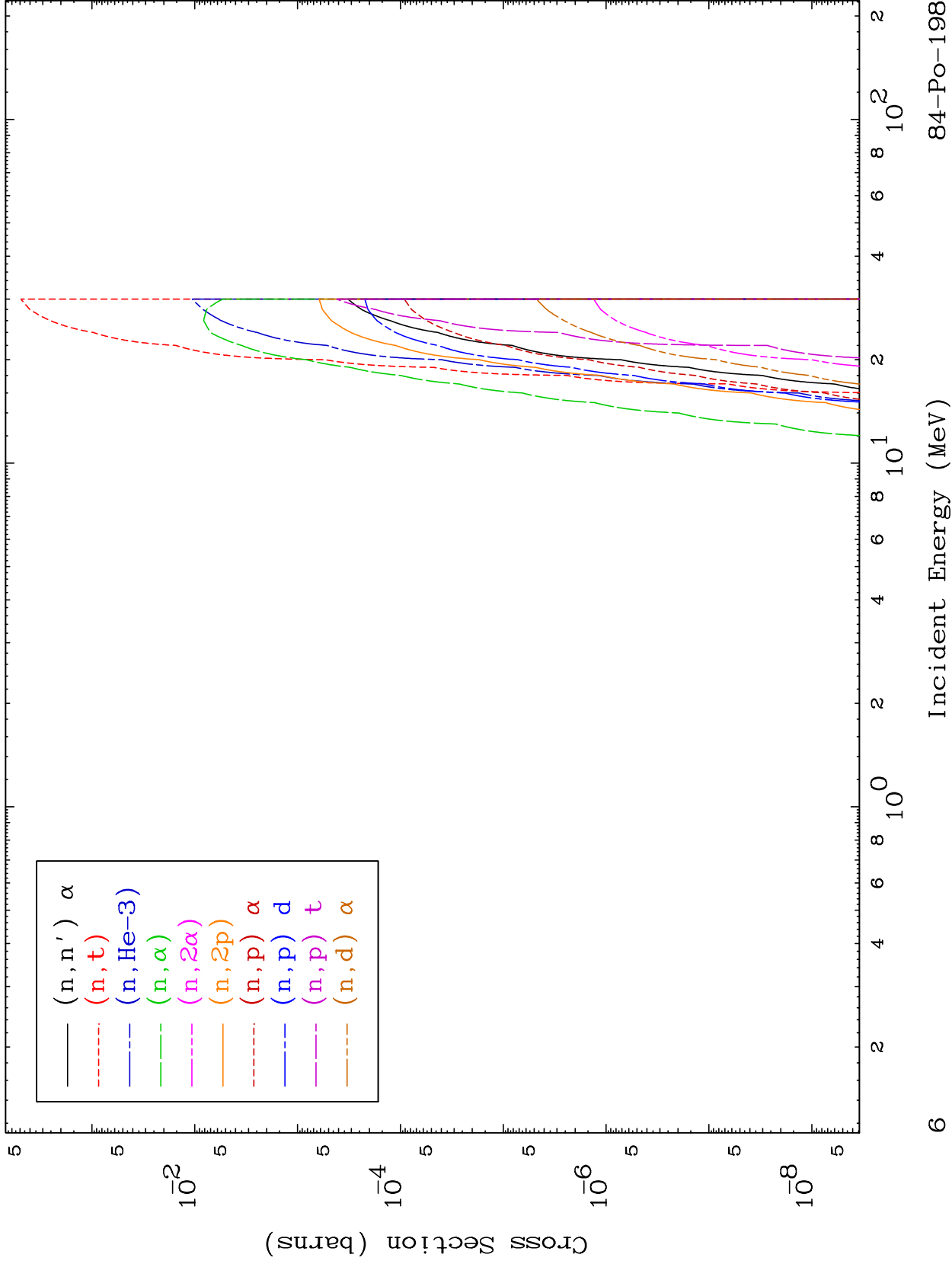
84-Po-198



MAT 8401

He-3 Charged Particle
0 Kelvin Cross Sections

84-Po-198

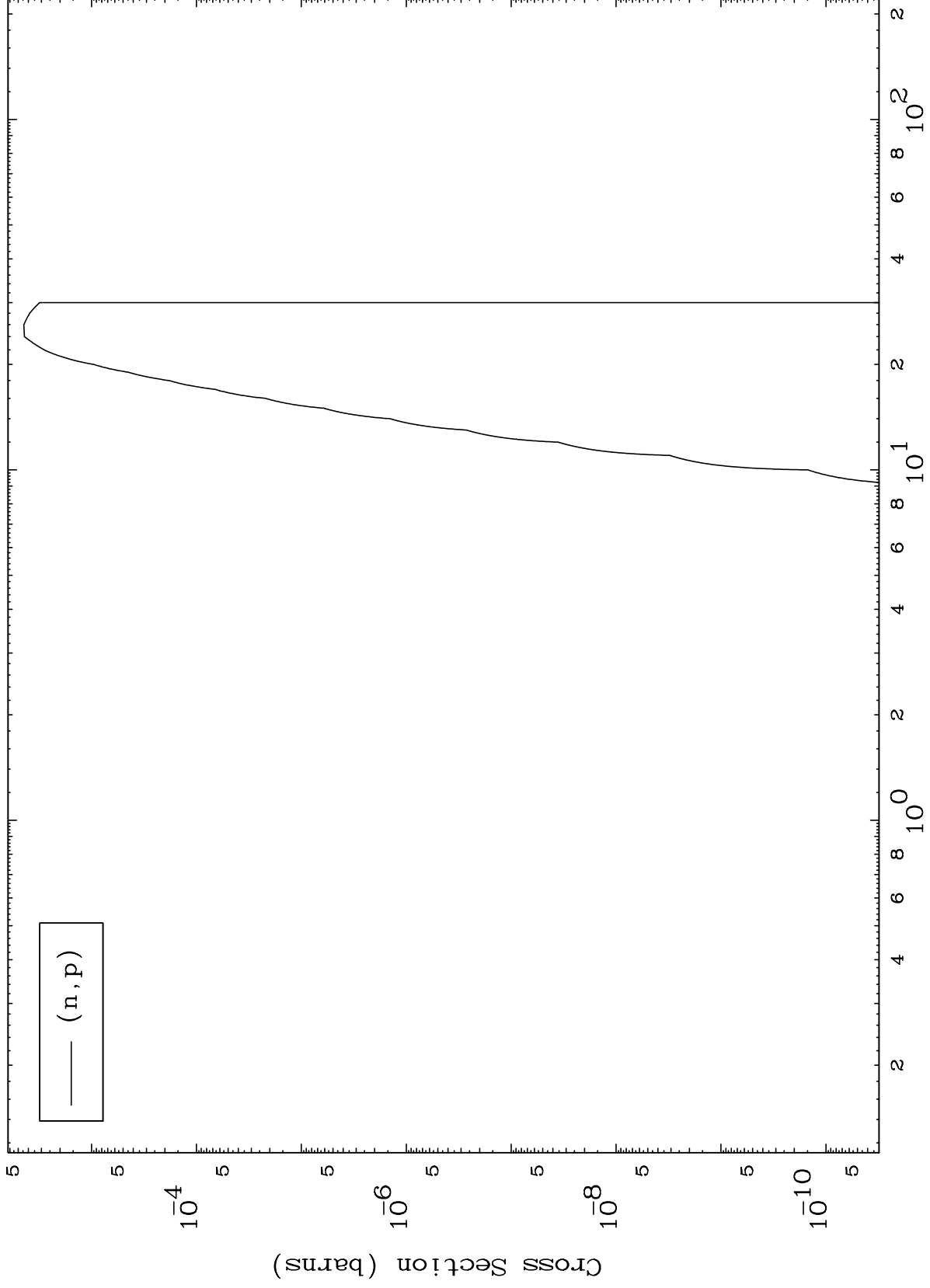


MAT 8401

(He-3,p) Levels

84-Po-198

0 Kelvin Cross Sections

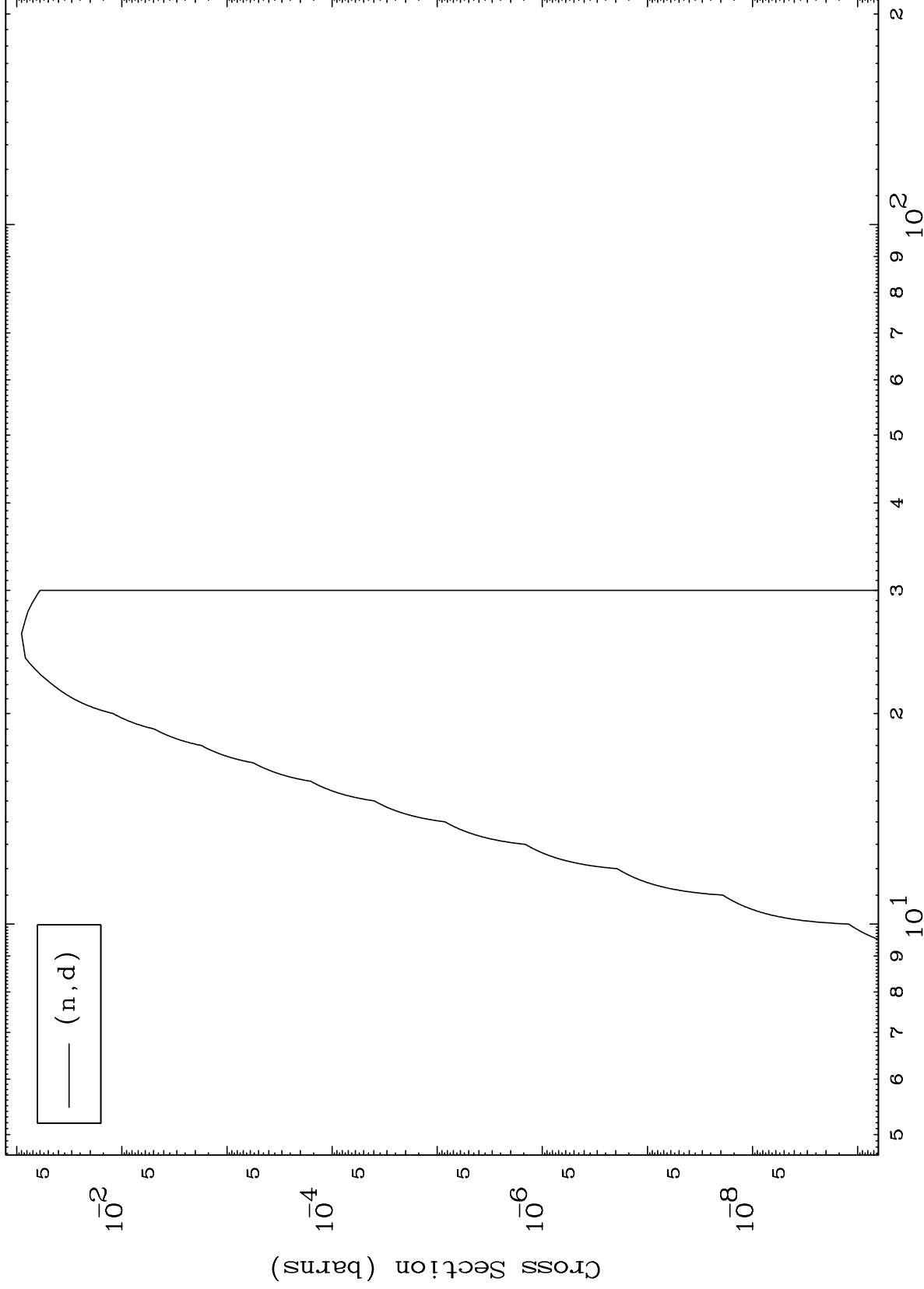


MAT 8401

(He-3,d) Levels

84-Po-198

0 Kelvin Cross Sections



8

Incident Energy (MeV)

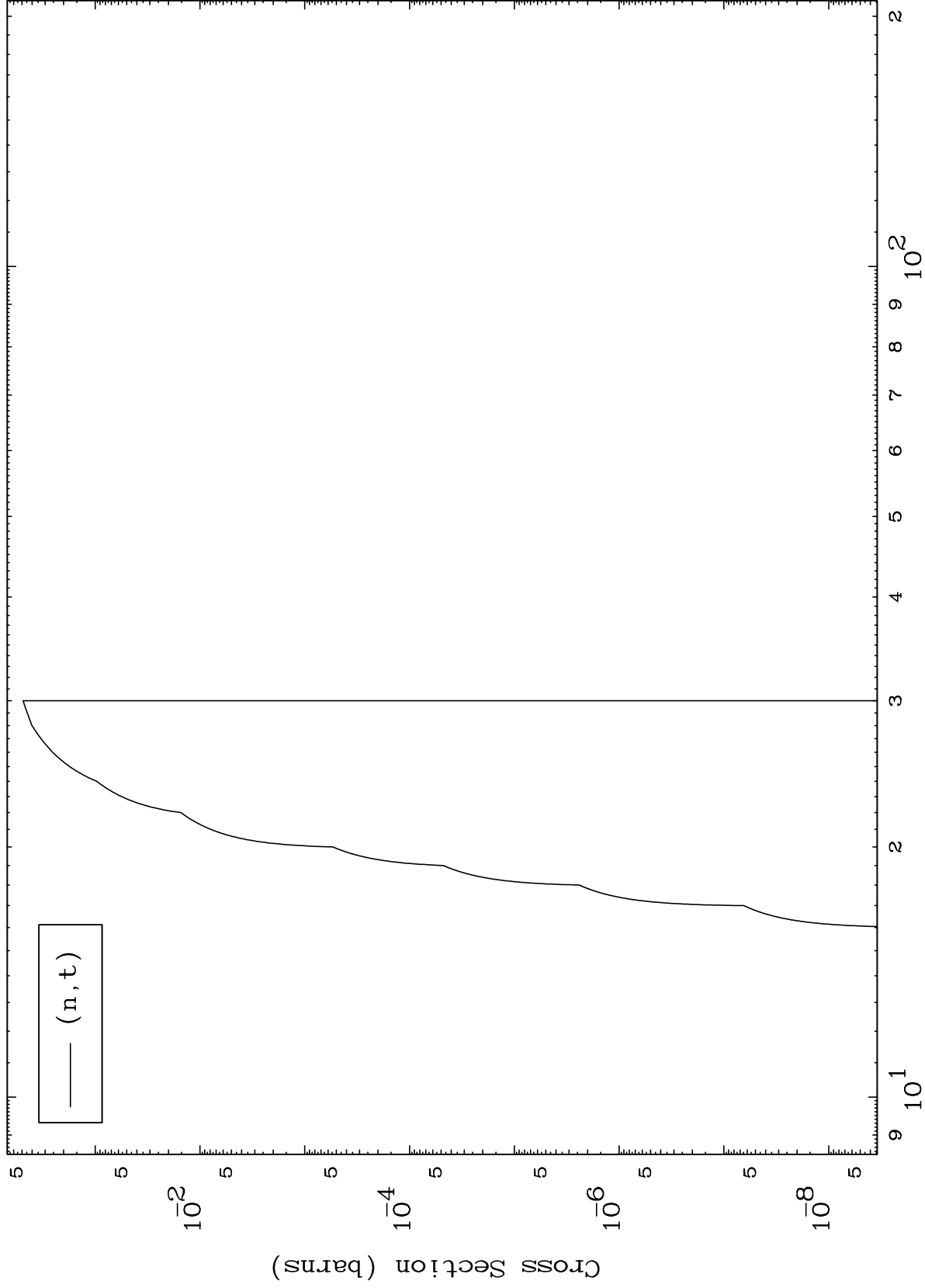
84-Po-198

MAT 8401

(He-3,t) Levels

84-Po-198

0 Kelvin Cross Sections



9

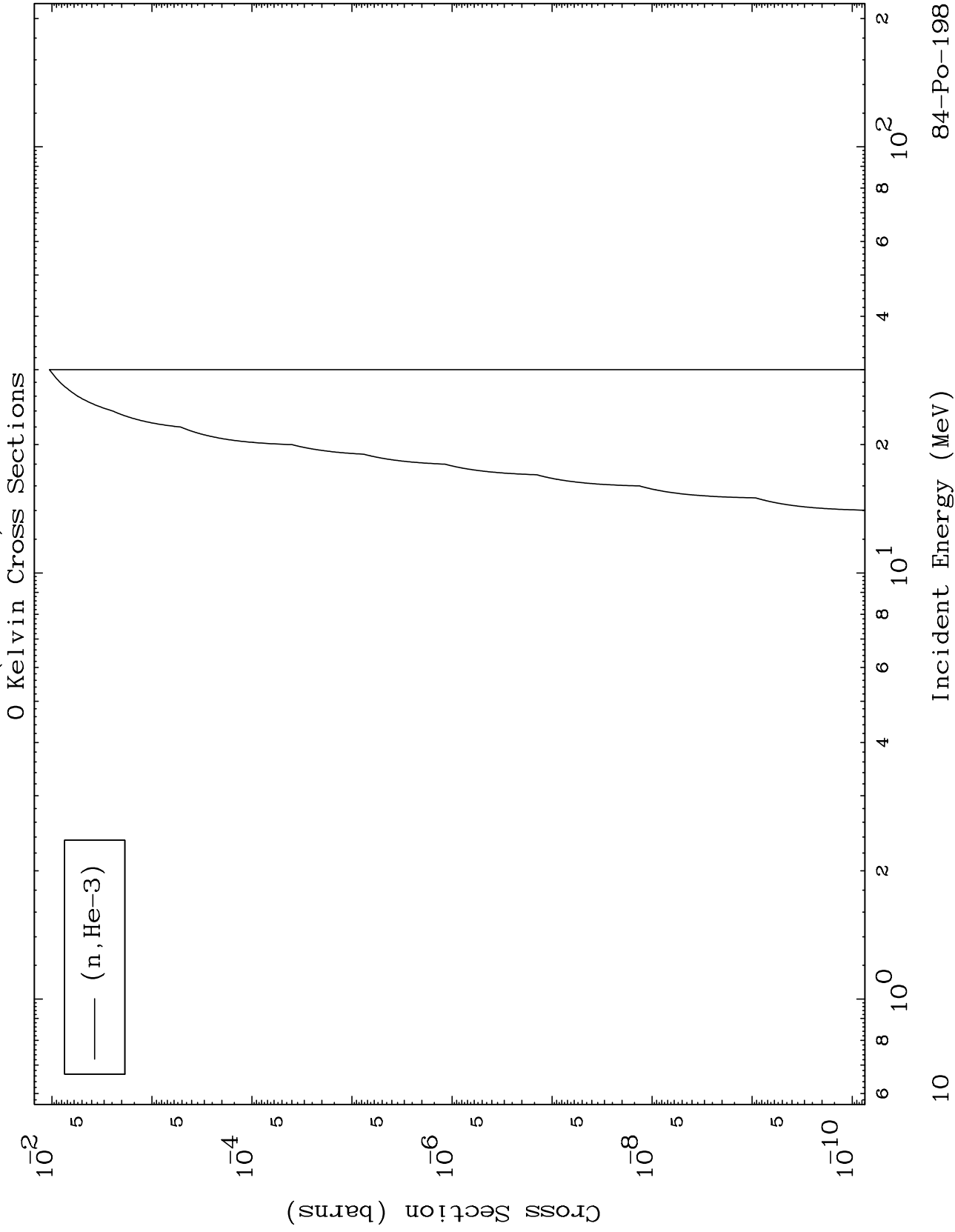
Incident Energy (MeV)

84-Po-198

MAT 8401

(He-3, He3) Levels

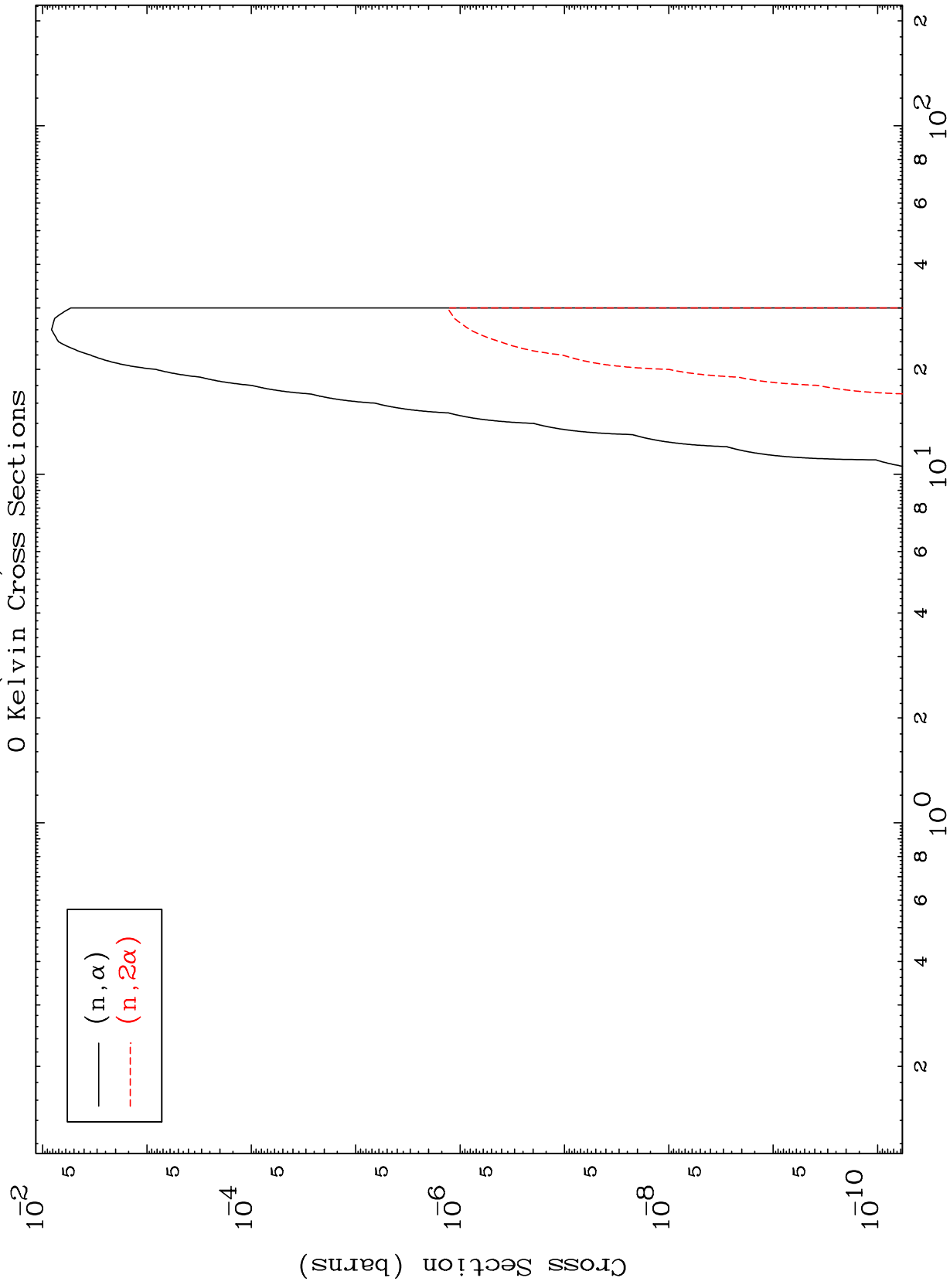
84-Po-198



MAT 8401

84-Po-198

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

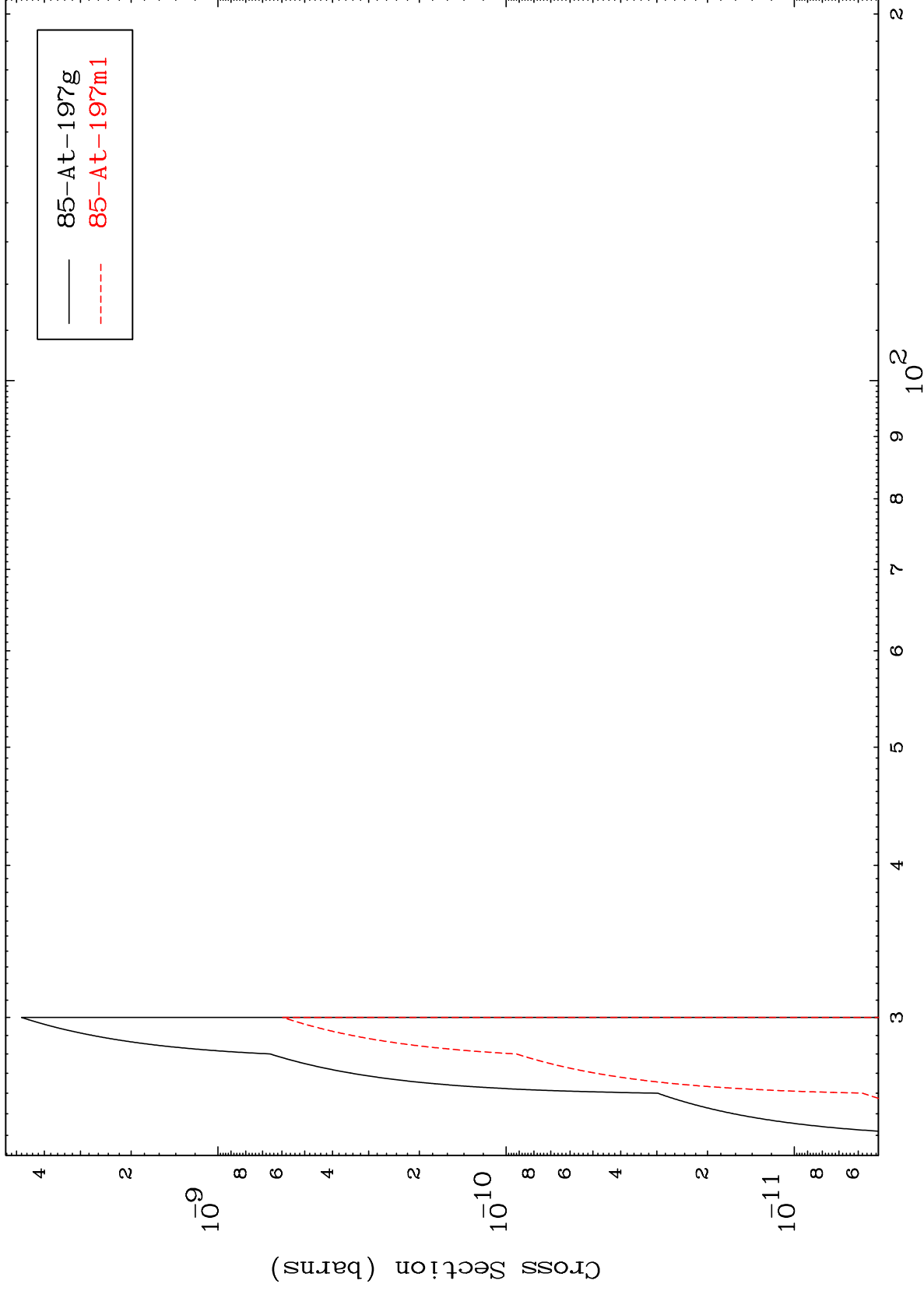


11

84-Po-198

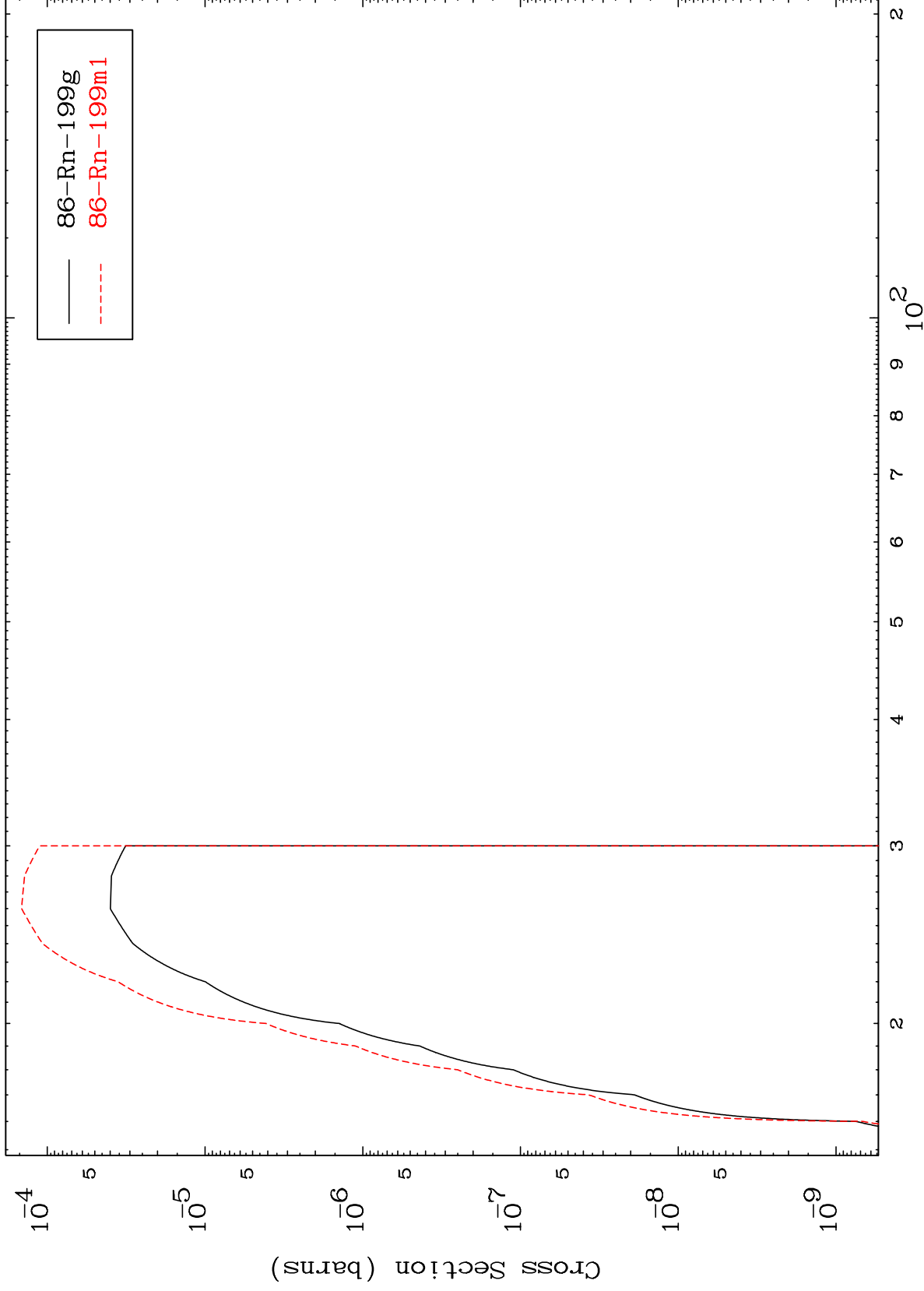
Incident Energy (MeV)

Radionuclide Production Cross Section



85-At-197g
85-At-197m1

(n,2n)
Radionuclide Production Cross Section

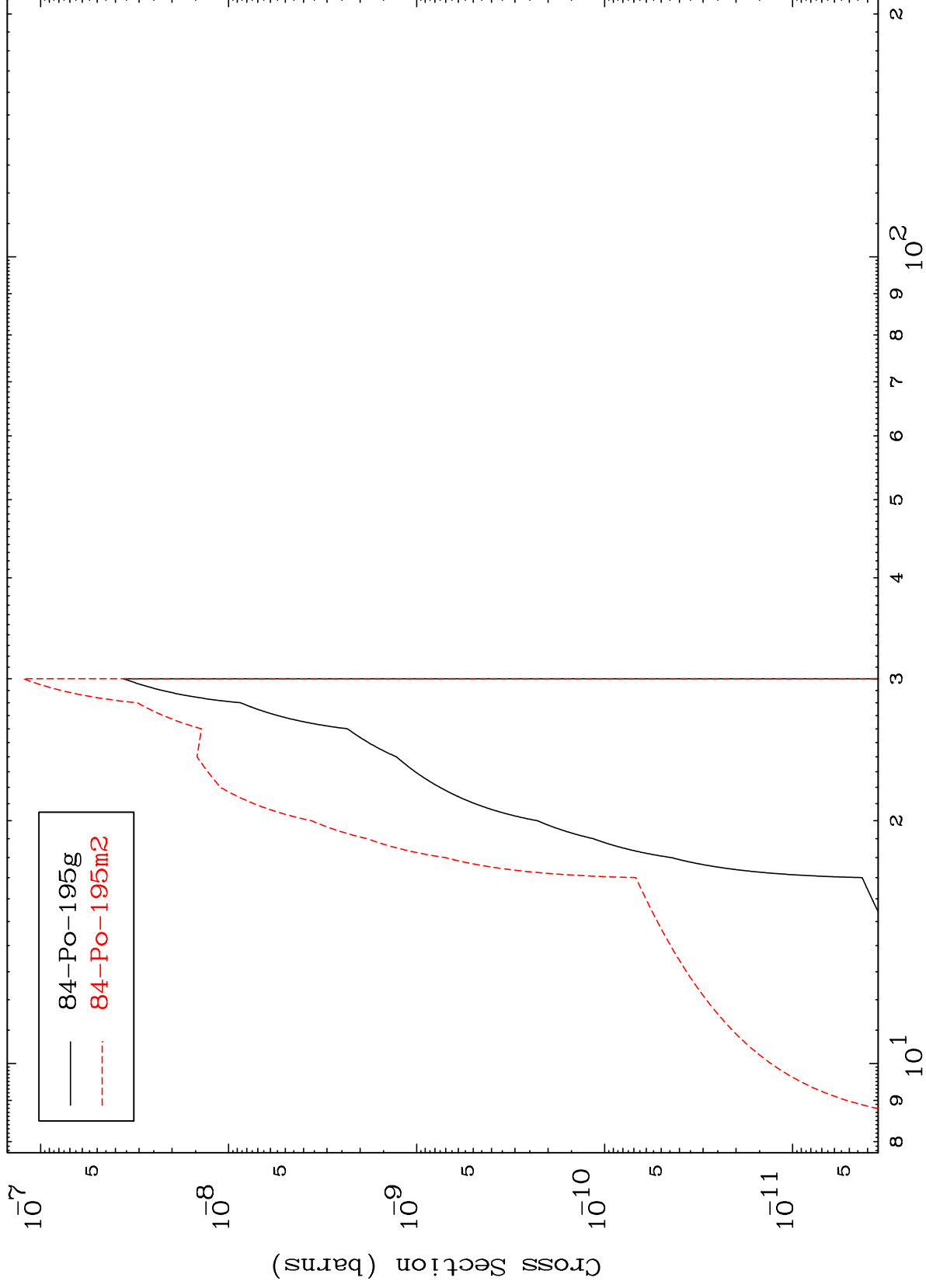


MAT 8401

$(n,2n) \alpha$

84-Po-198

Radionuclide Production Cross Section

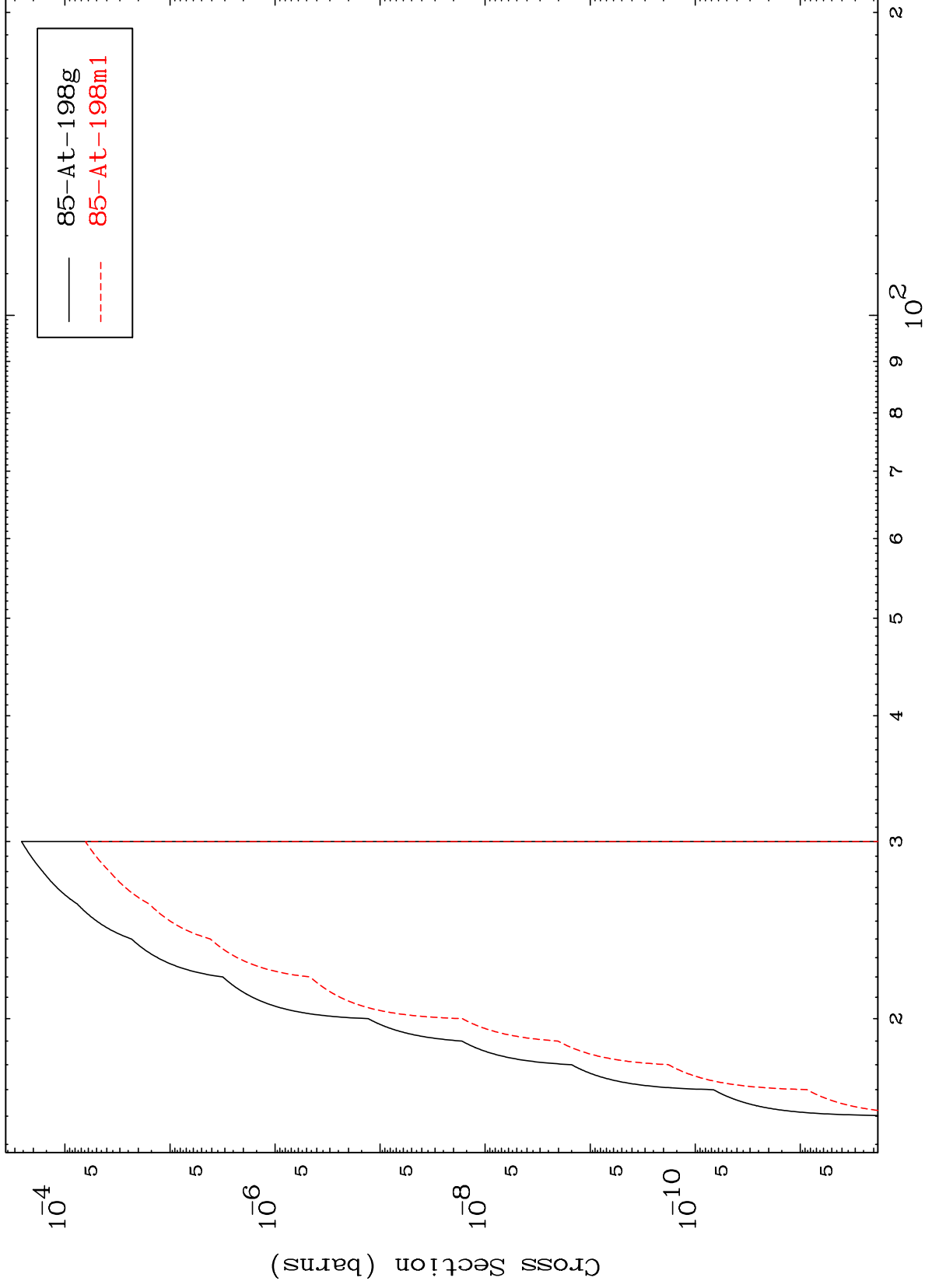


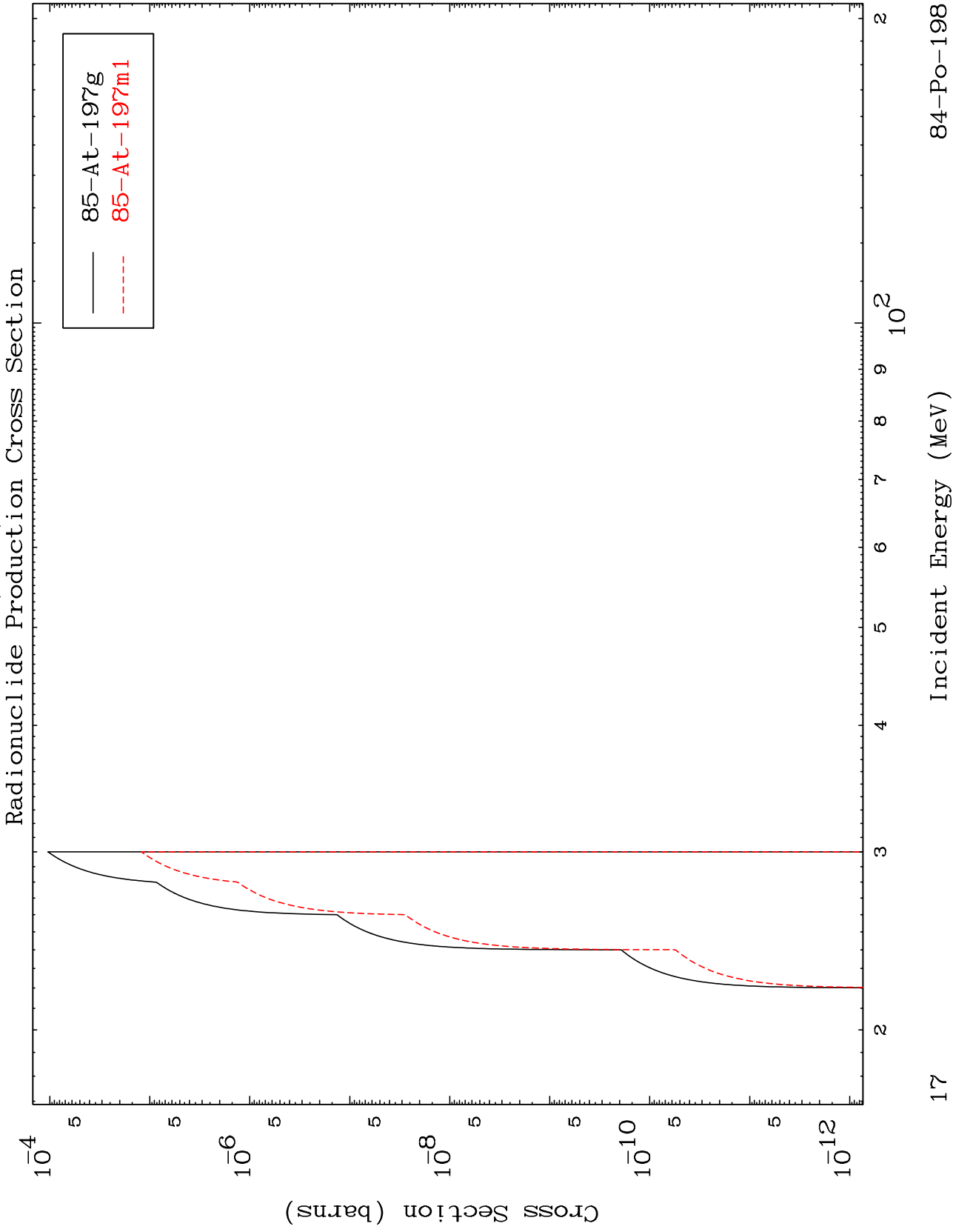
15

Incident Energy (MeV)

84-Po-198

(n,n') d
Radionuclide Production Cross Section

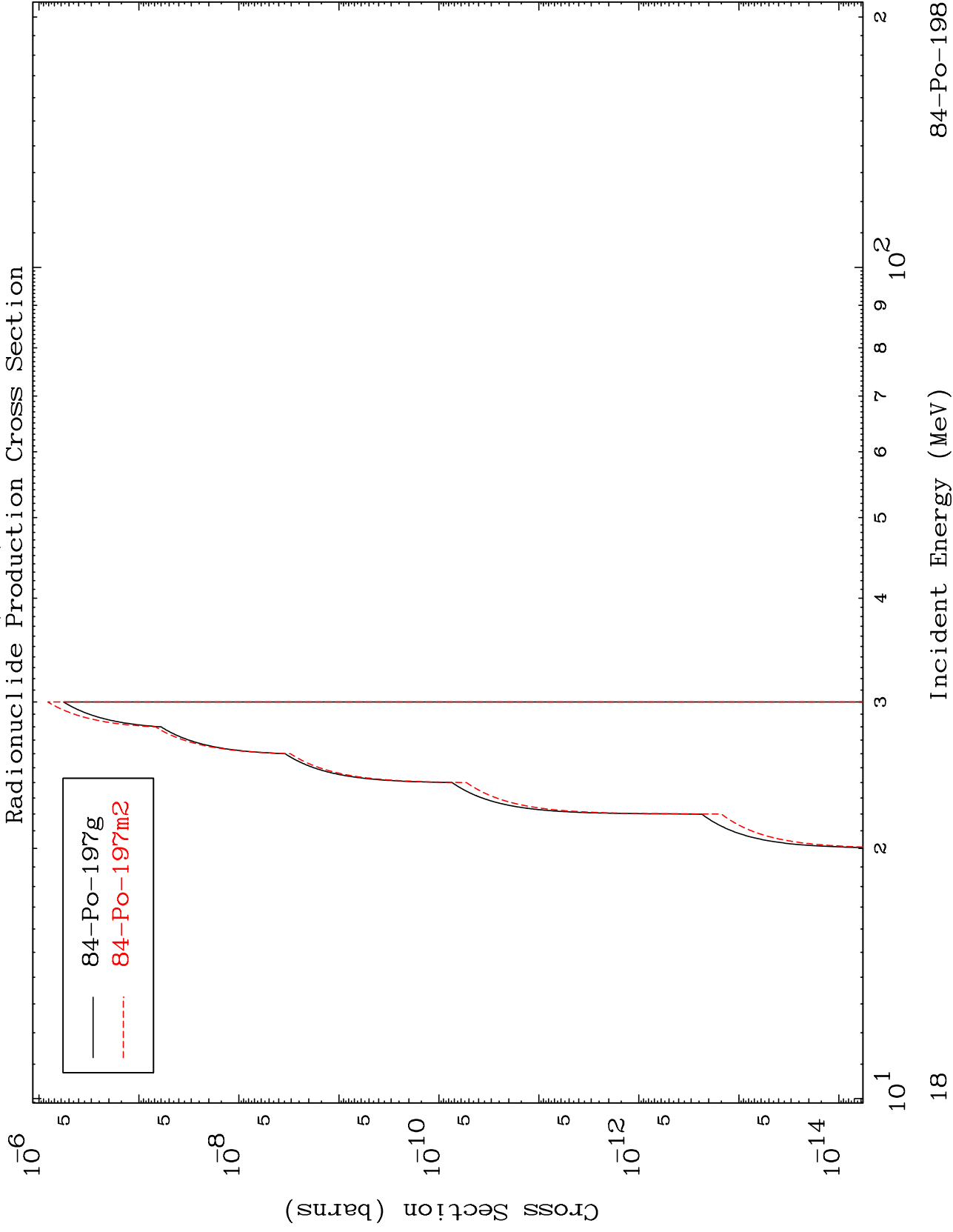




MAT 8401

(n,n') He-3

84-Po-198

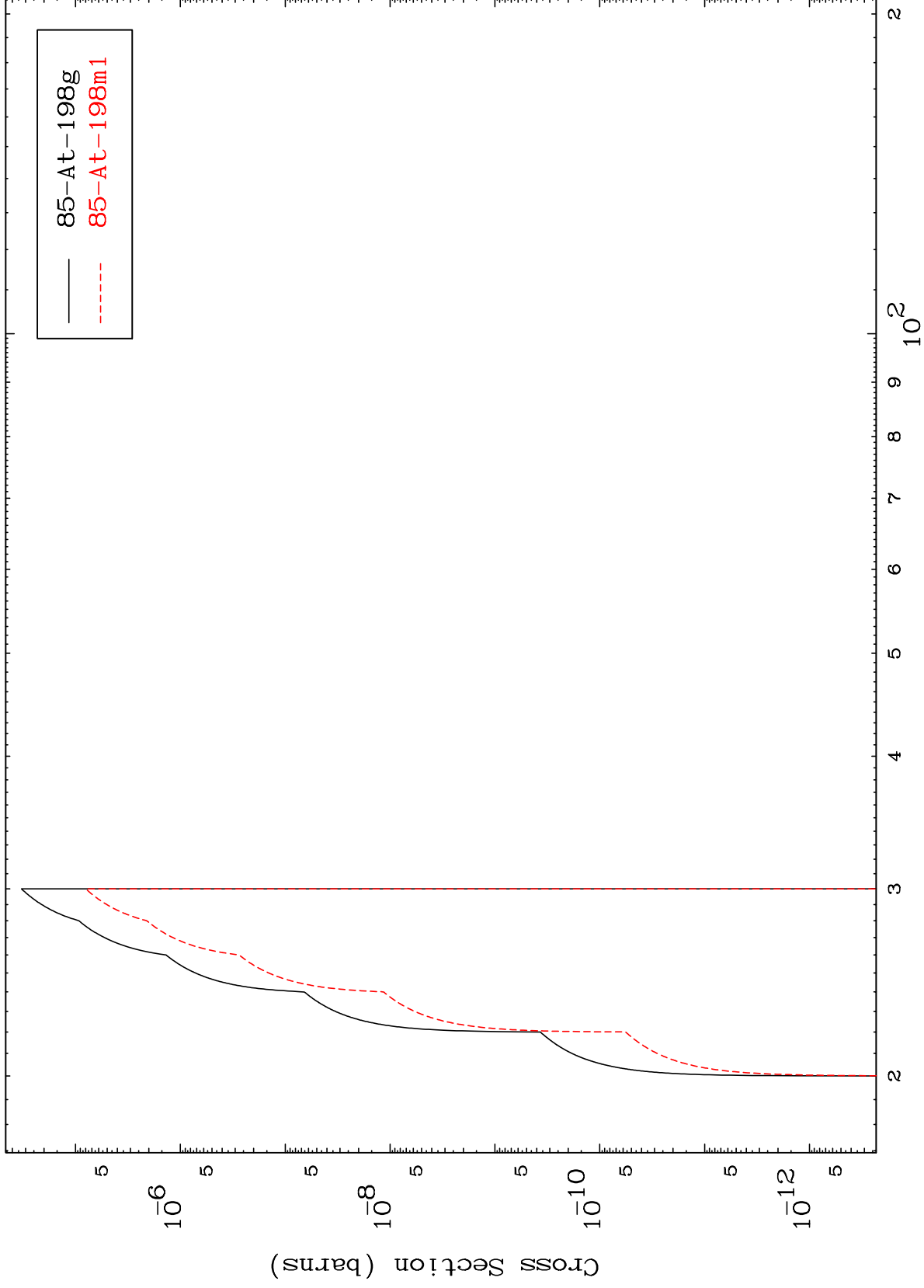


84-Po-198

Incident Energy (MeV)

18

Radionuclide Production Cross Section

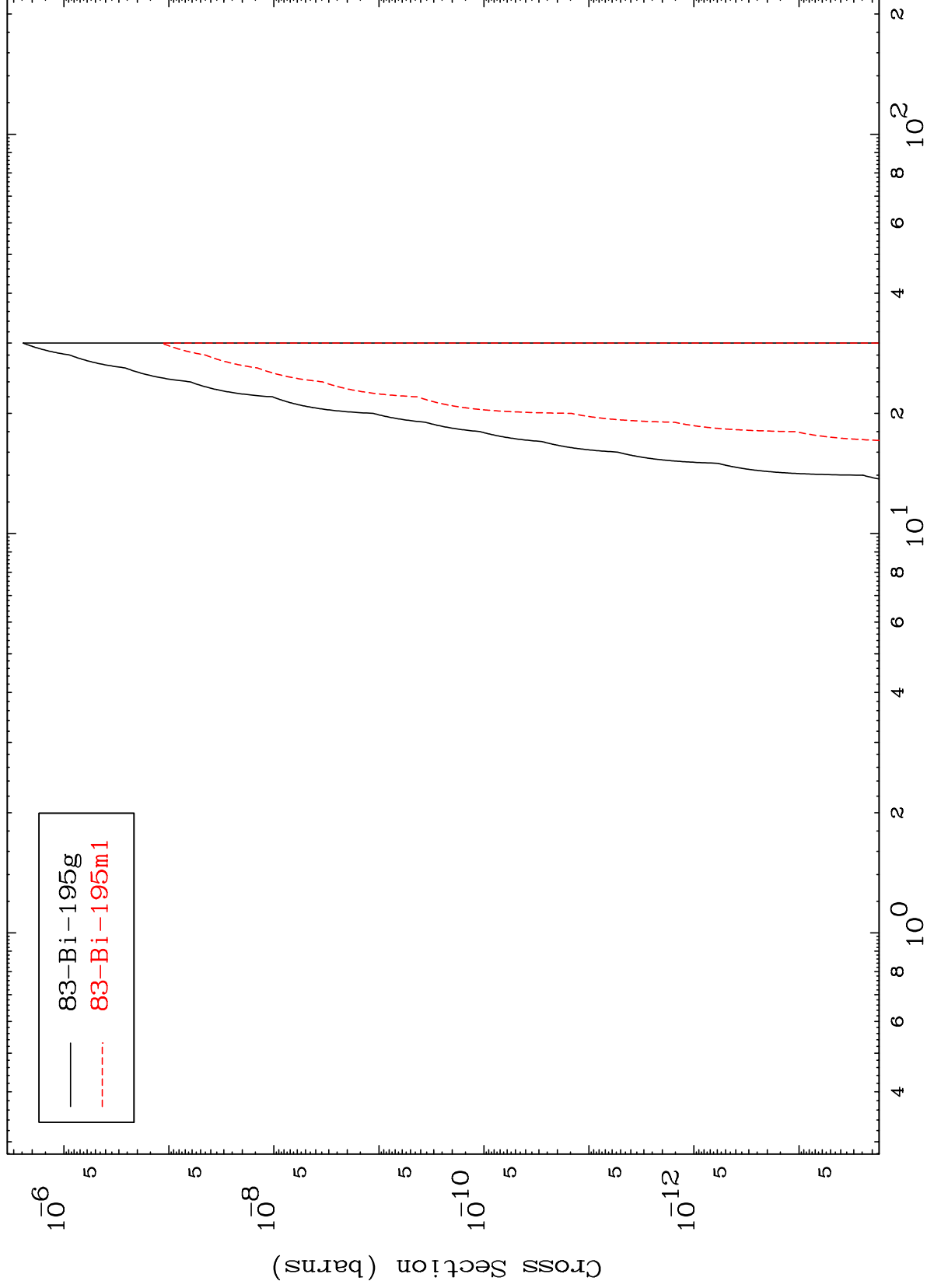


MAT 8401

(n,n') p α

84-Po-198

Radionuclide Production Cross Section



20

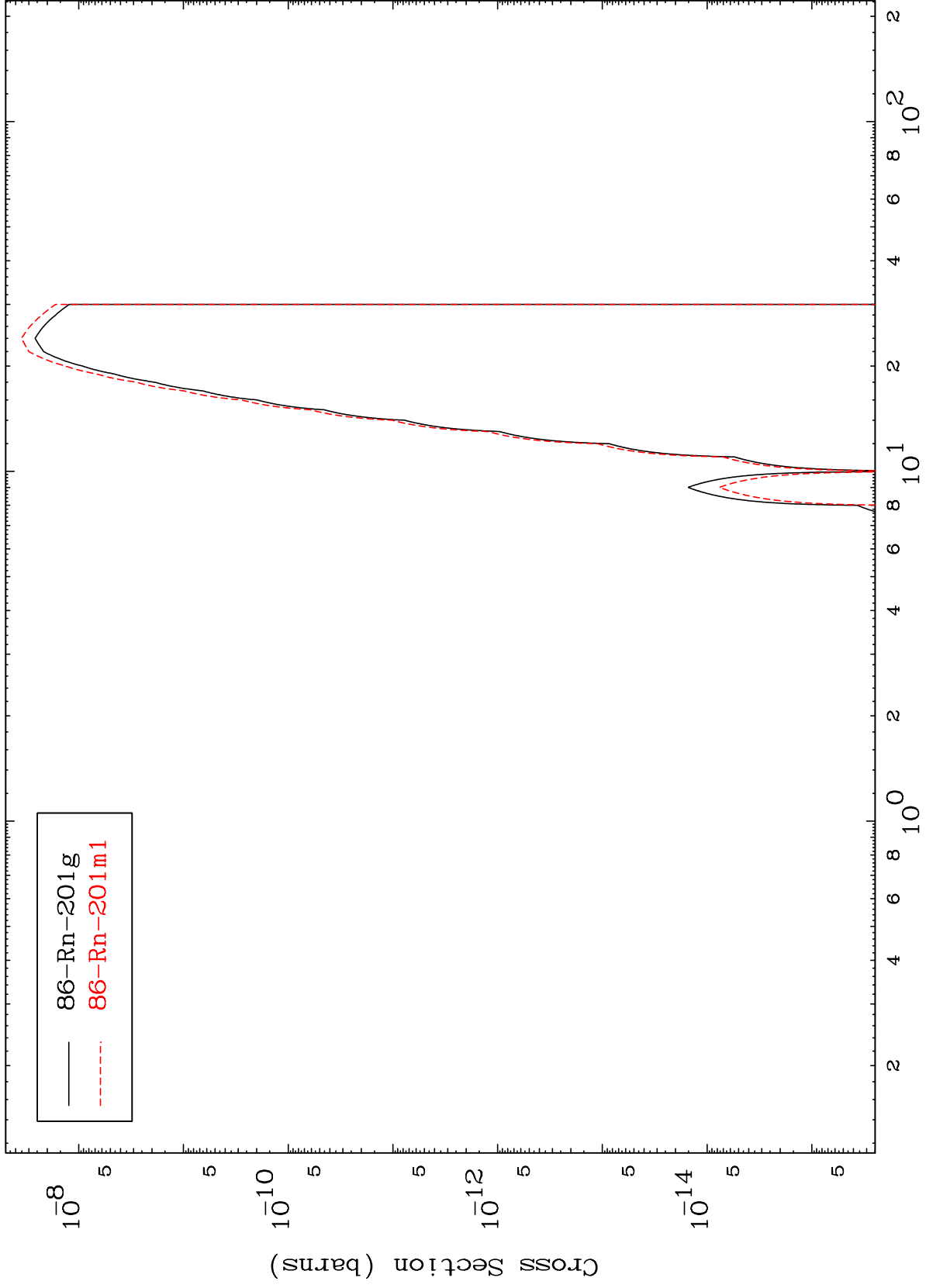
Incident Energy (MeV)

84-Po-198

MAT 8401

84-Po-198

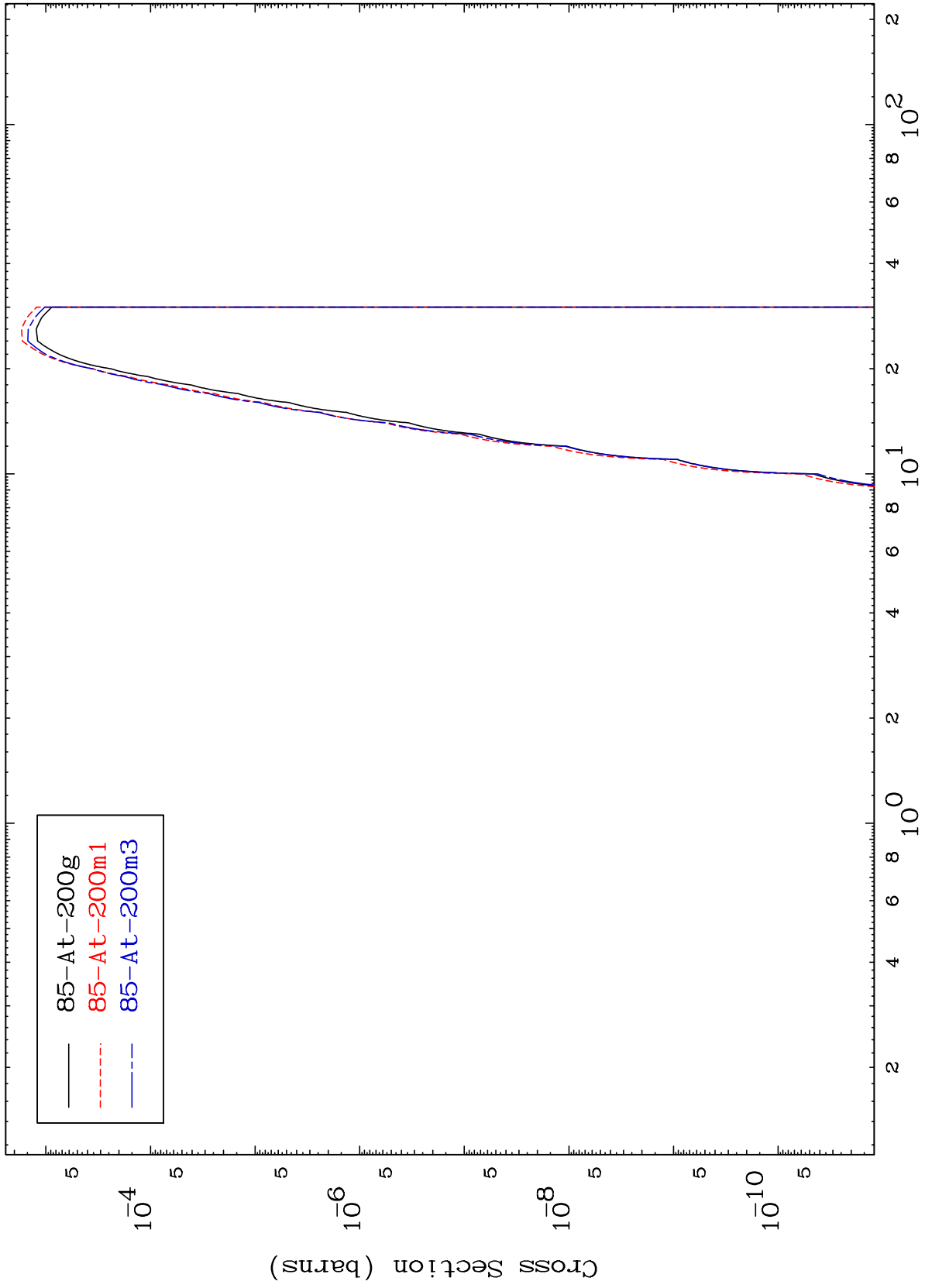
(n, γ)
Radionuclide Production Cross Section



MAT 8401

84-Po-198

(n,p)
Radionuclide Production Cross Section



22

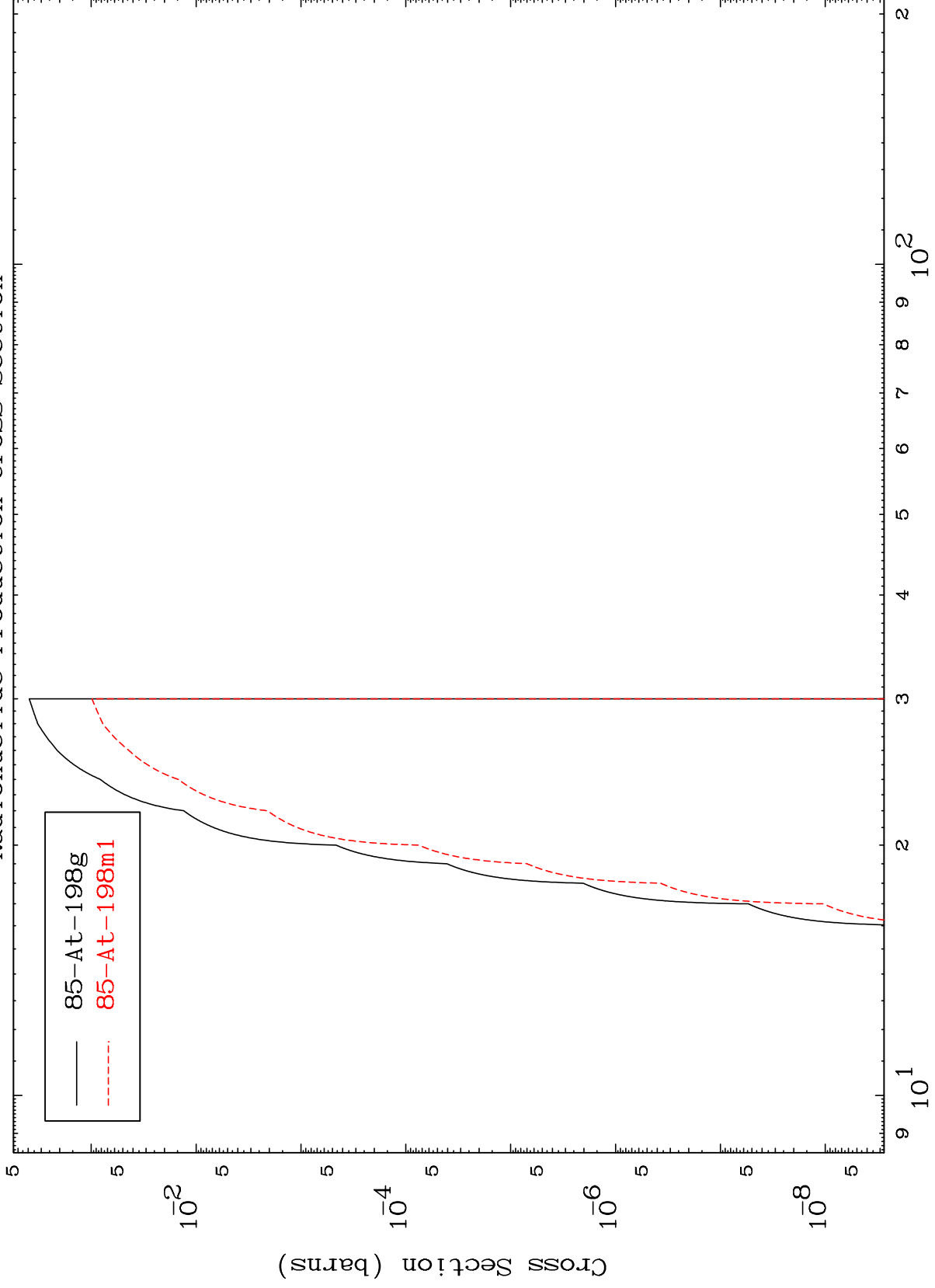
84-Po-198

Incident Energy (MeV)

MAT 8401

84-Po-198

(n, t)
Radionuclide Production Cross Section



23

Incident Energy (MeV)

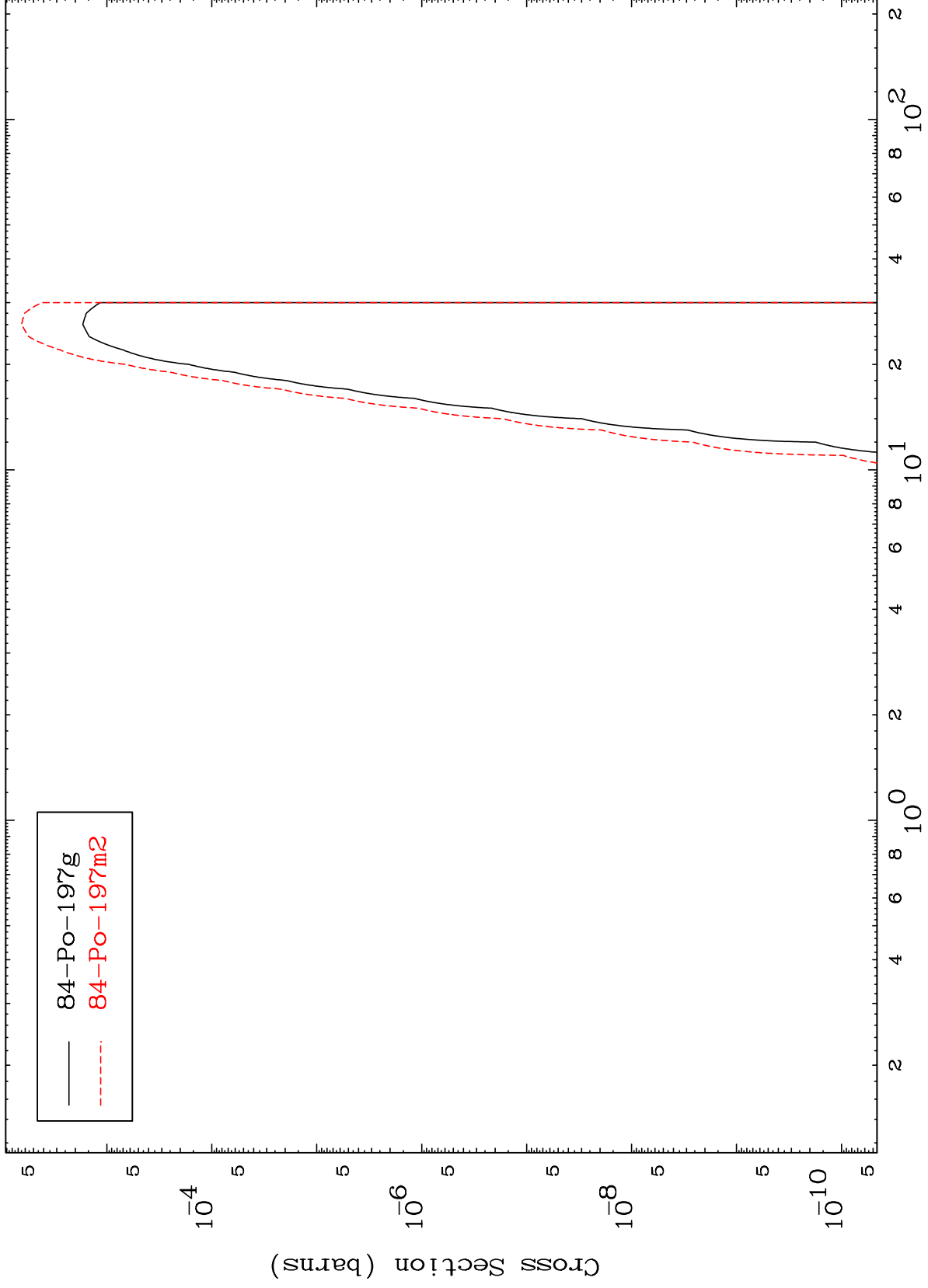
84-Po-198

MAT 8401

84-Po-198

(n, α)

Radionuclide Production Cross Section



24

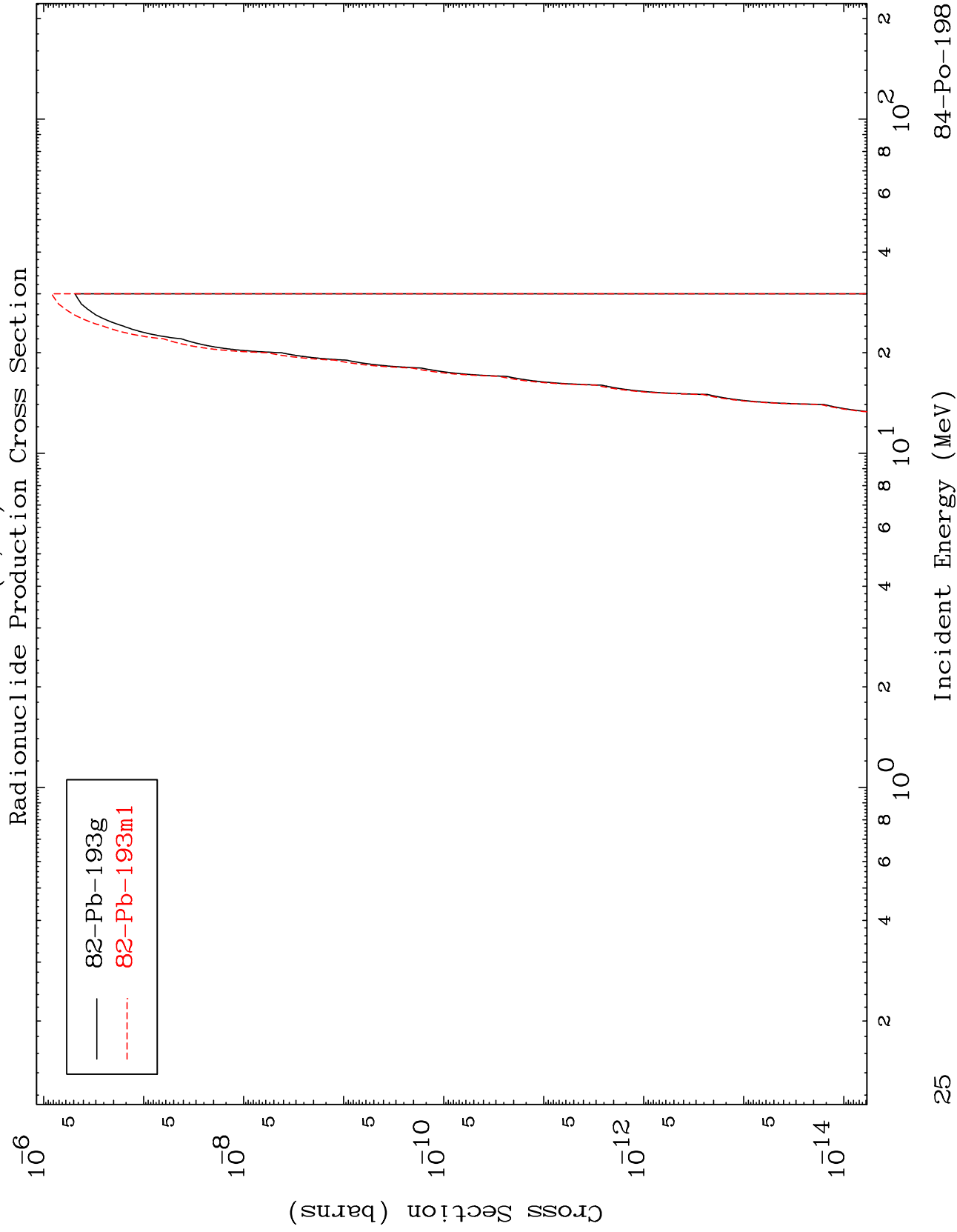
Incident Energy (MeV)

84-Po-198

MAT 8401

84-Po-198

(n,2 α)



84-Po-198

Incident Energy (MeV)

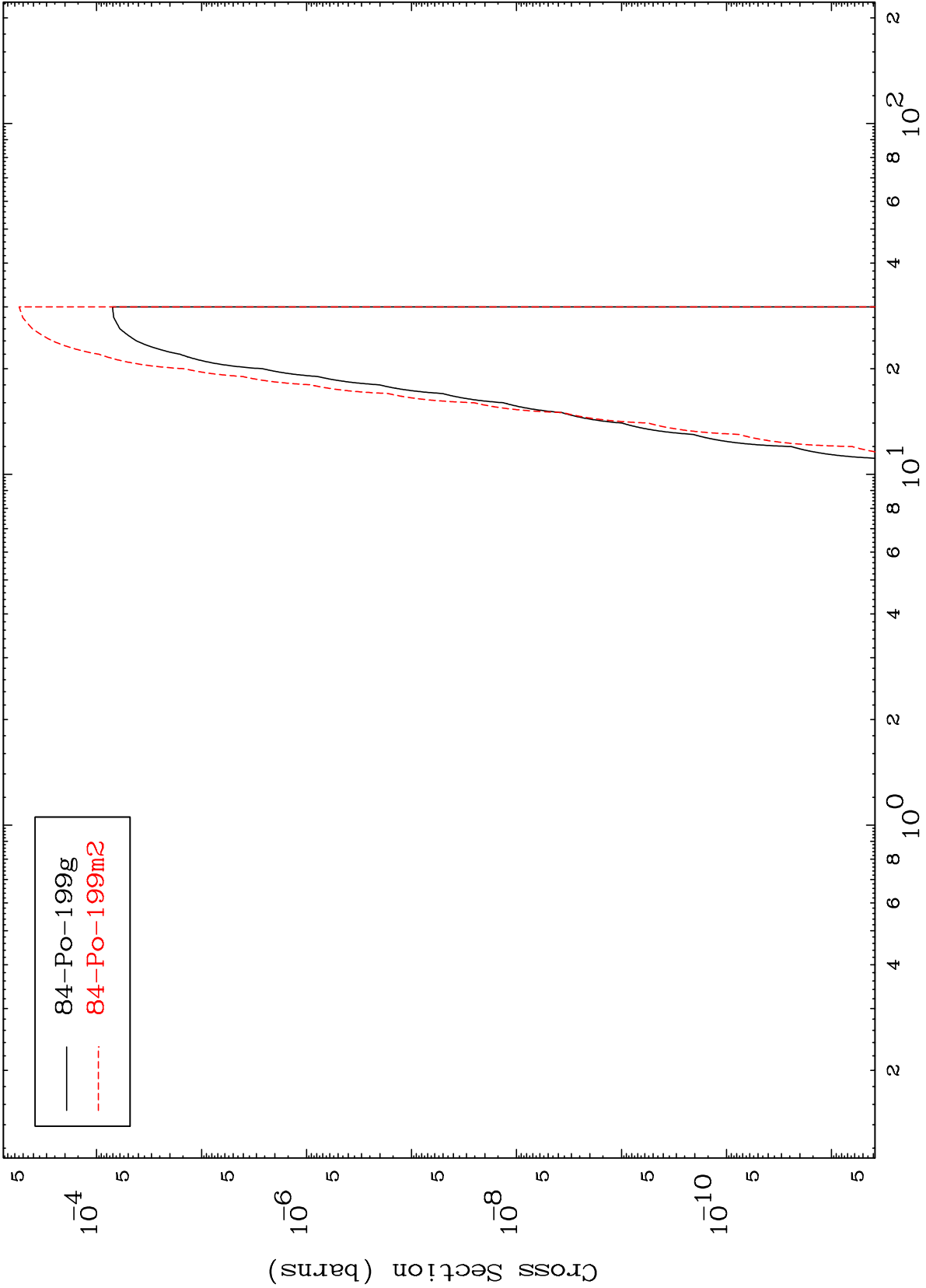
25

MAT 8401

(n,2p)

84-Po-198

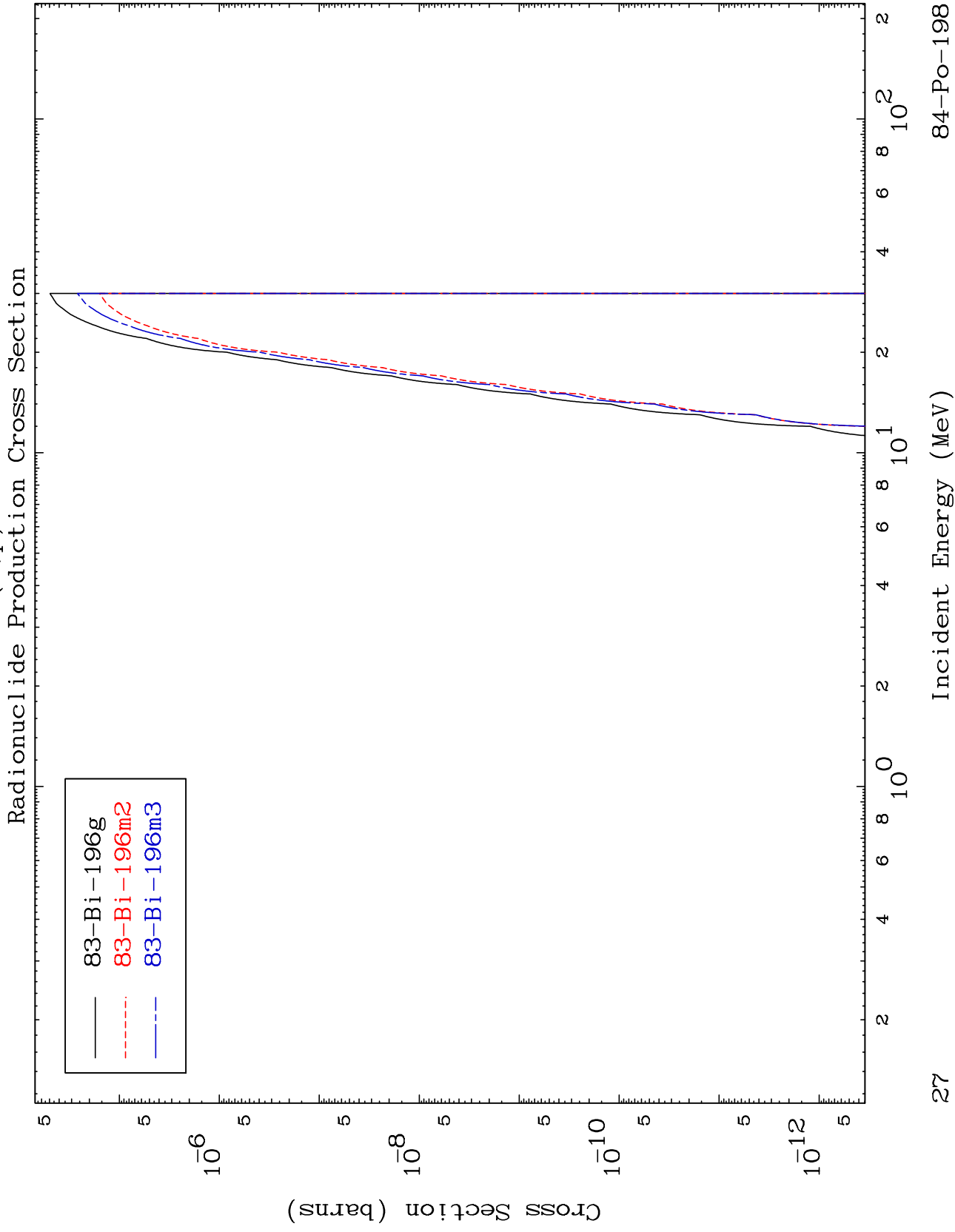
Radionuclide Production Cross Section



MAT 8401

(n,p) α

84-Po-198

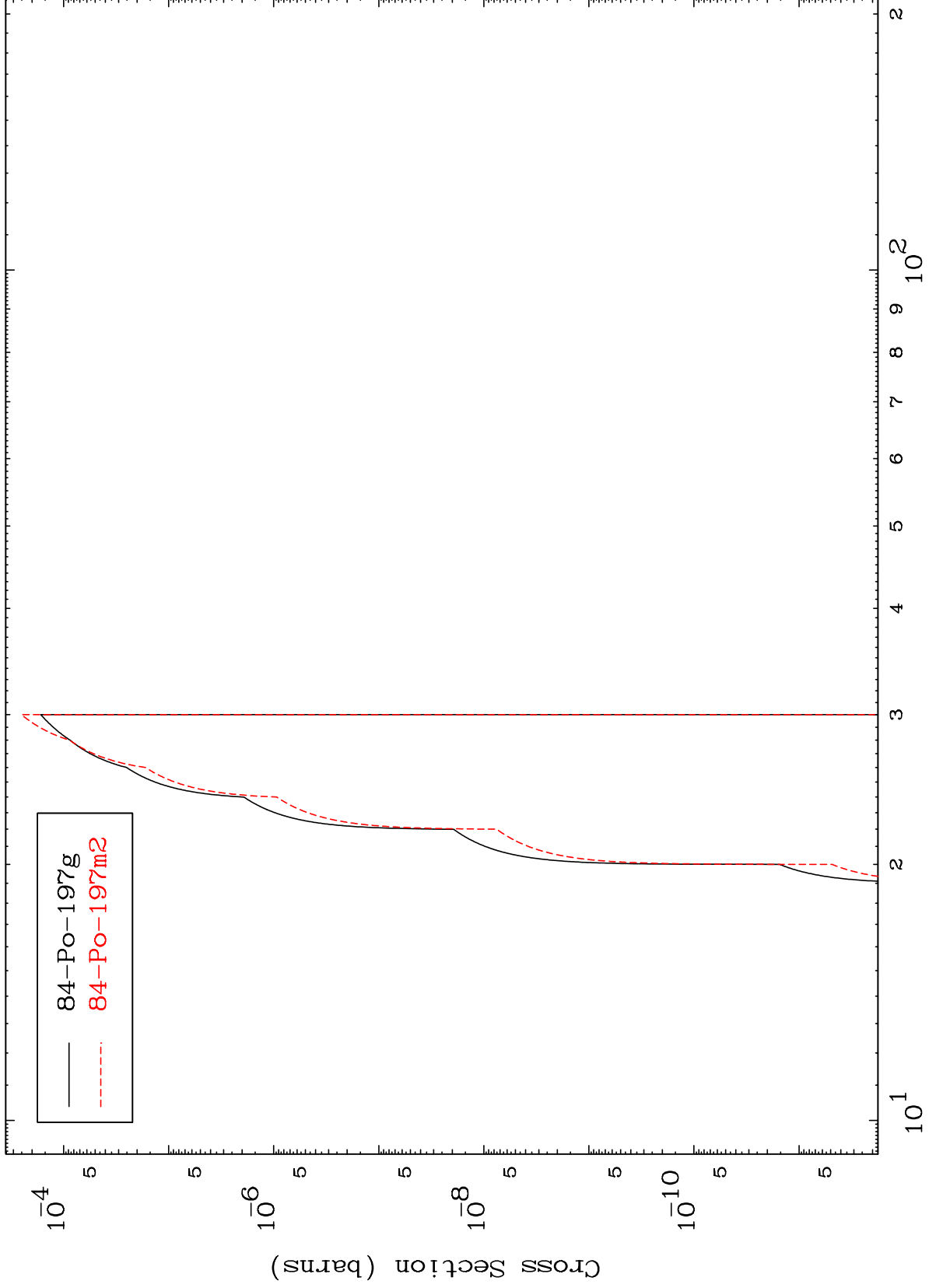


MAT 8401

(n,p) t

84-Po-198

Radionuclide Production Cross Section



28

Incident Energy (MeV)

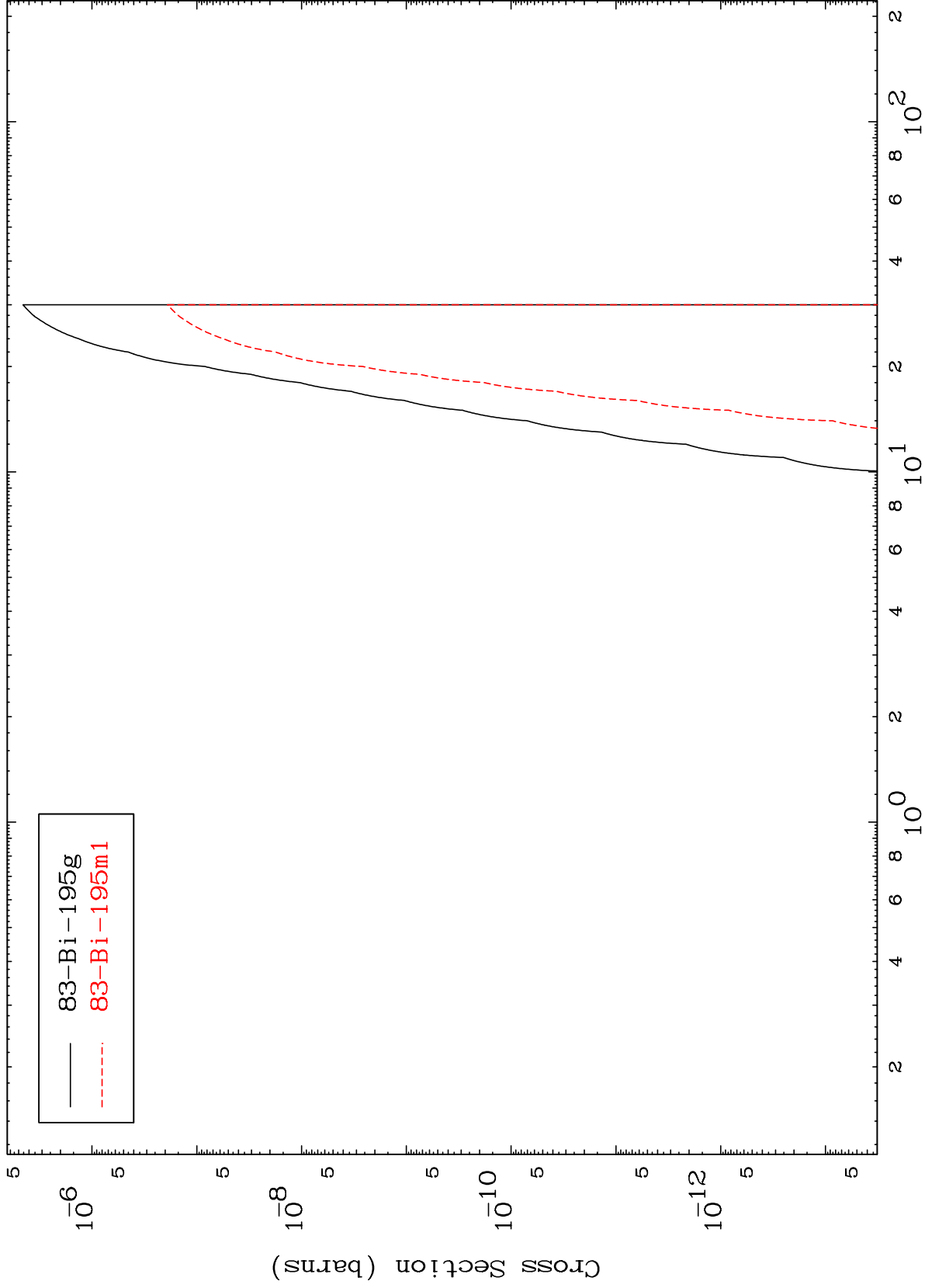
84-Po-198

MAT 8401

(n,d) α

84-Po-198

Radionuclide Production Cross Section



83-Bi-195g
83-Bi-195m1

29

84-Po-198