

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

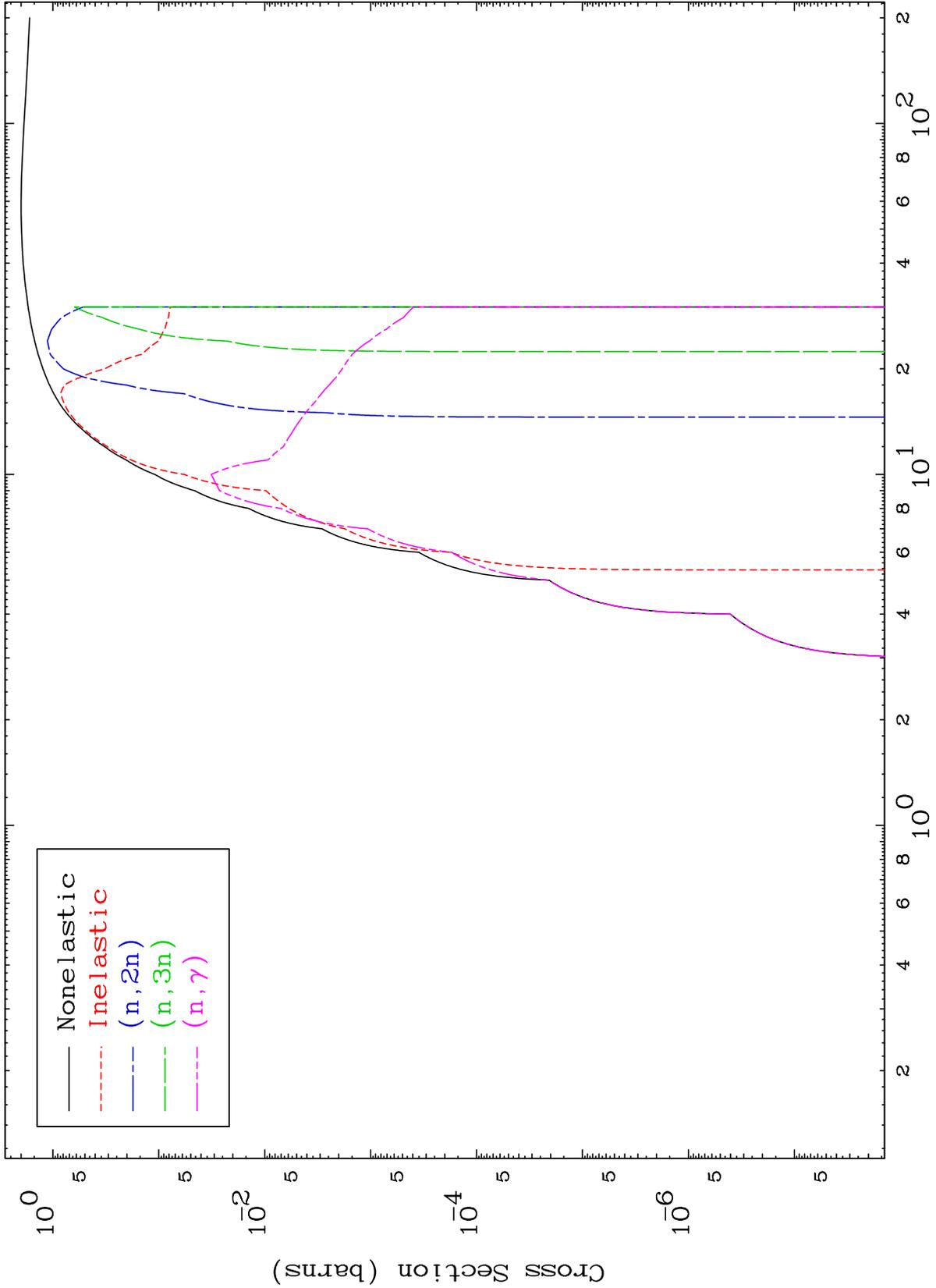
Press Mouse Button to Start

MAT 8422

Proton Major

84-Po-205

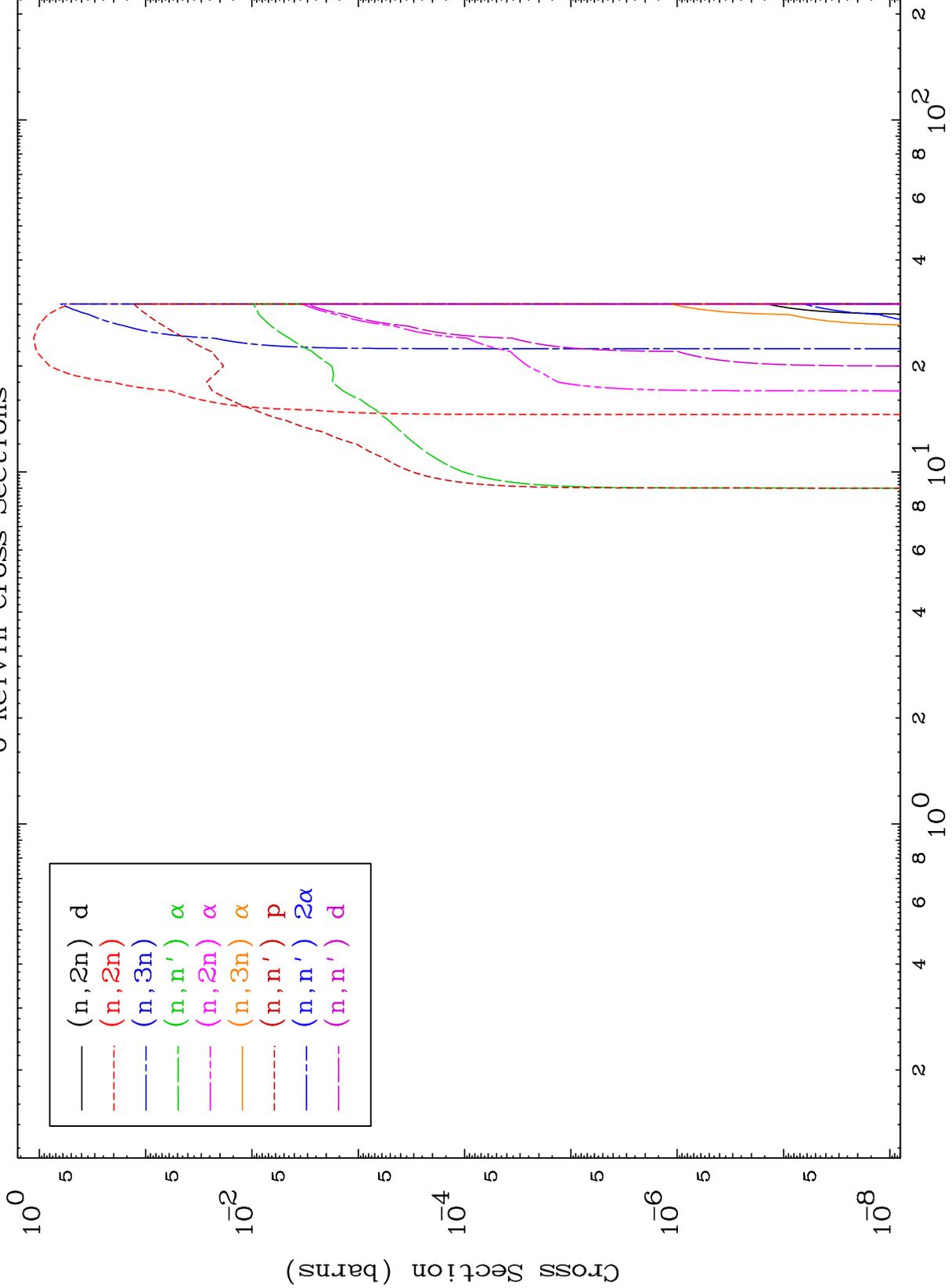
0 Kelvin Cross Sections

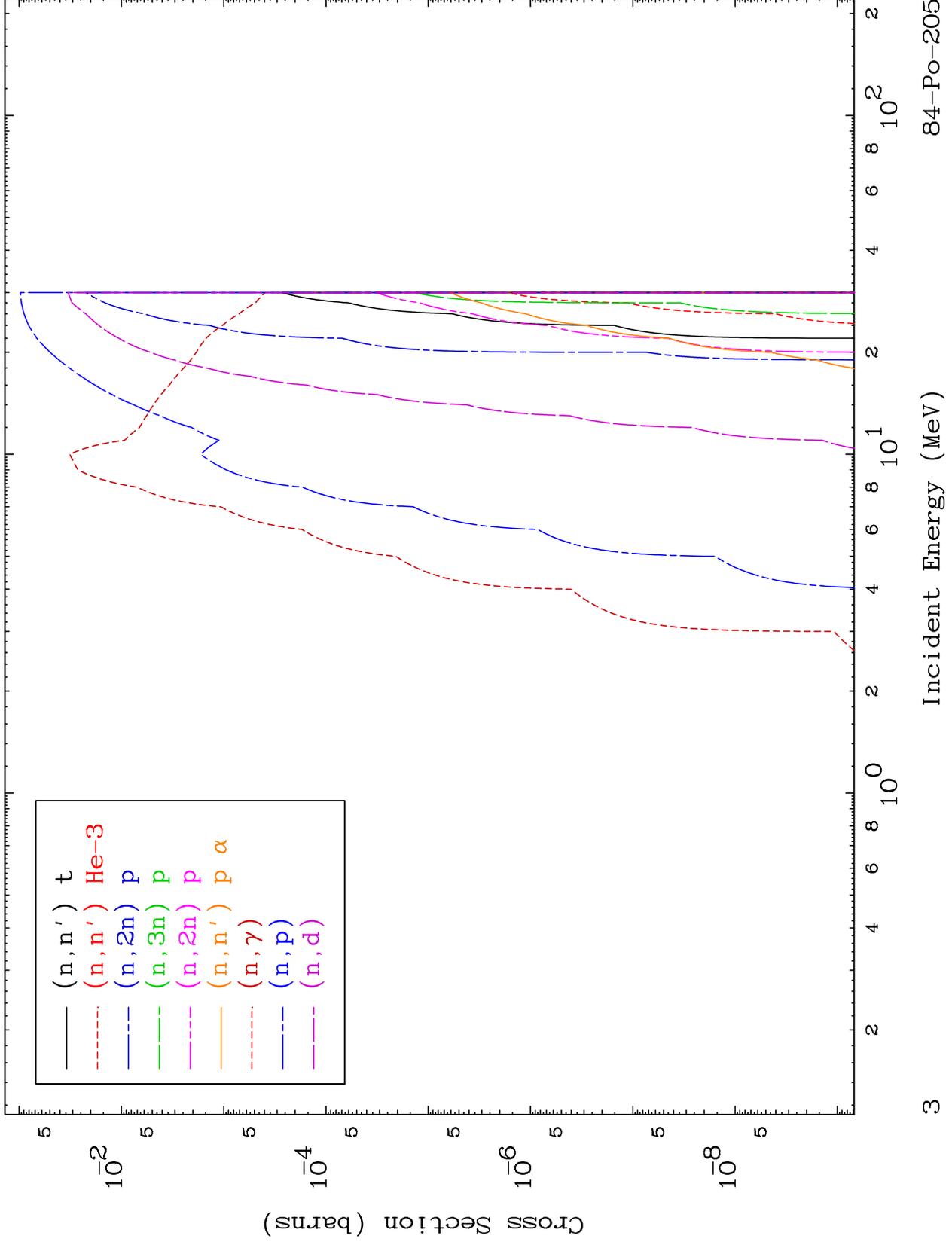


MAT 8422

Proton Neutron Absorption
0 Kelvin Cross Sections

84-Po-205

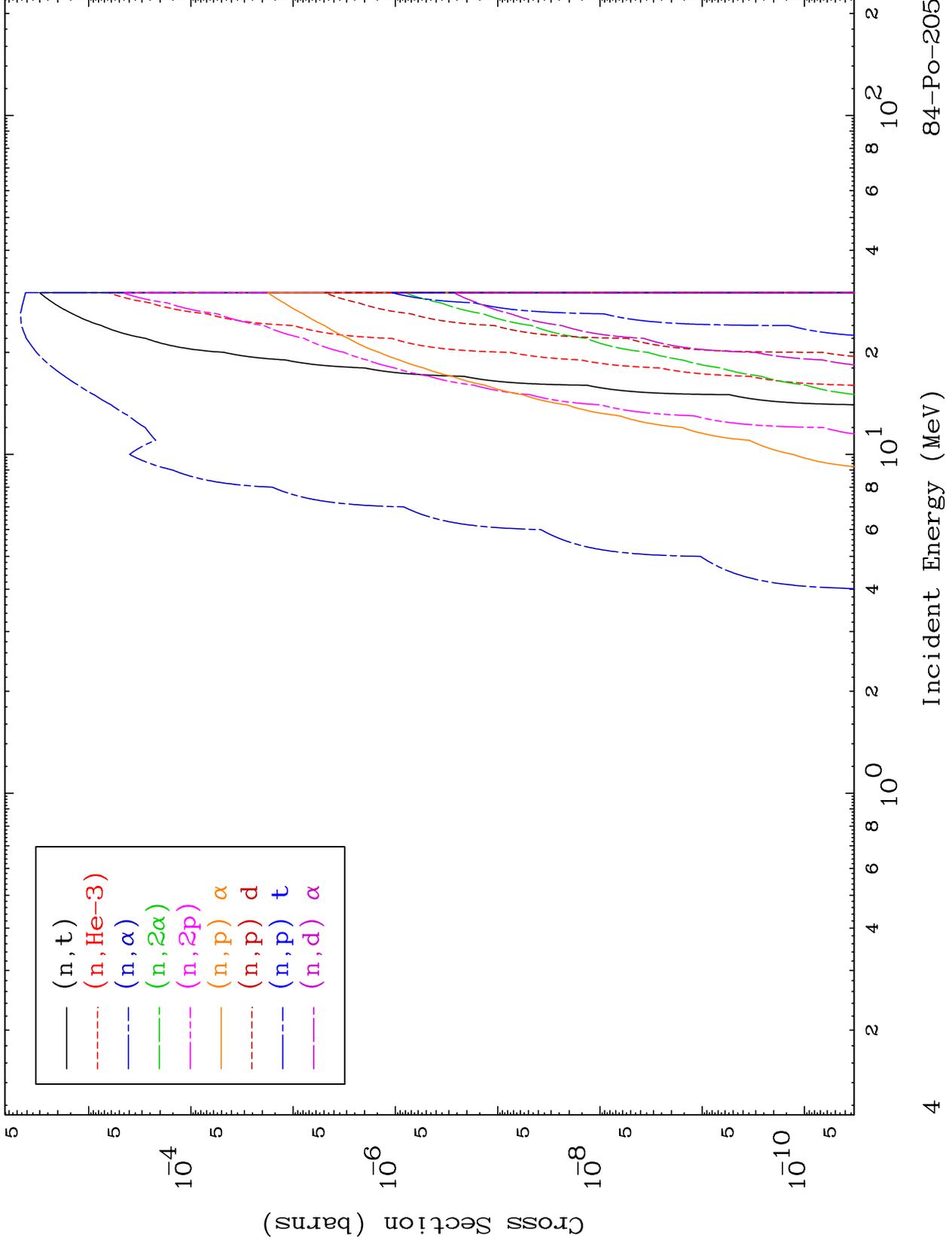




MAT 8422

Proton Neutron Absorption
0 Kelvin Cross Sections

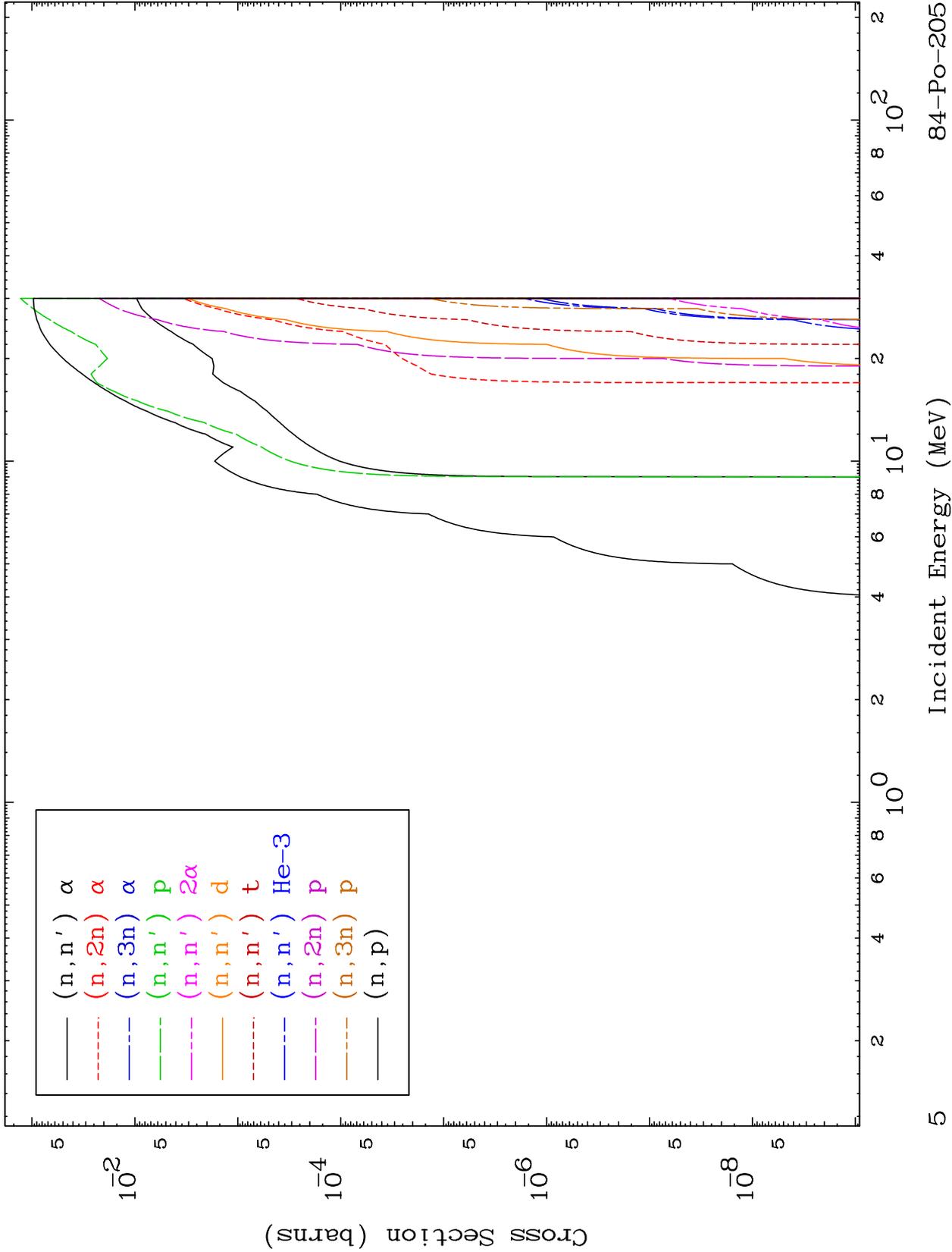
84-Po-205



MAT 8422

Proton Charged Particle
0 Kelvin Cross Sections

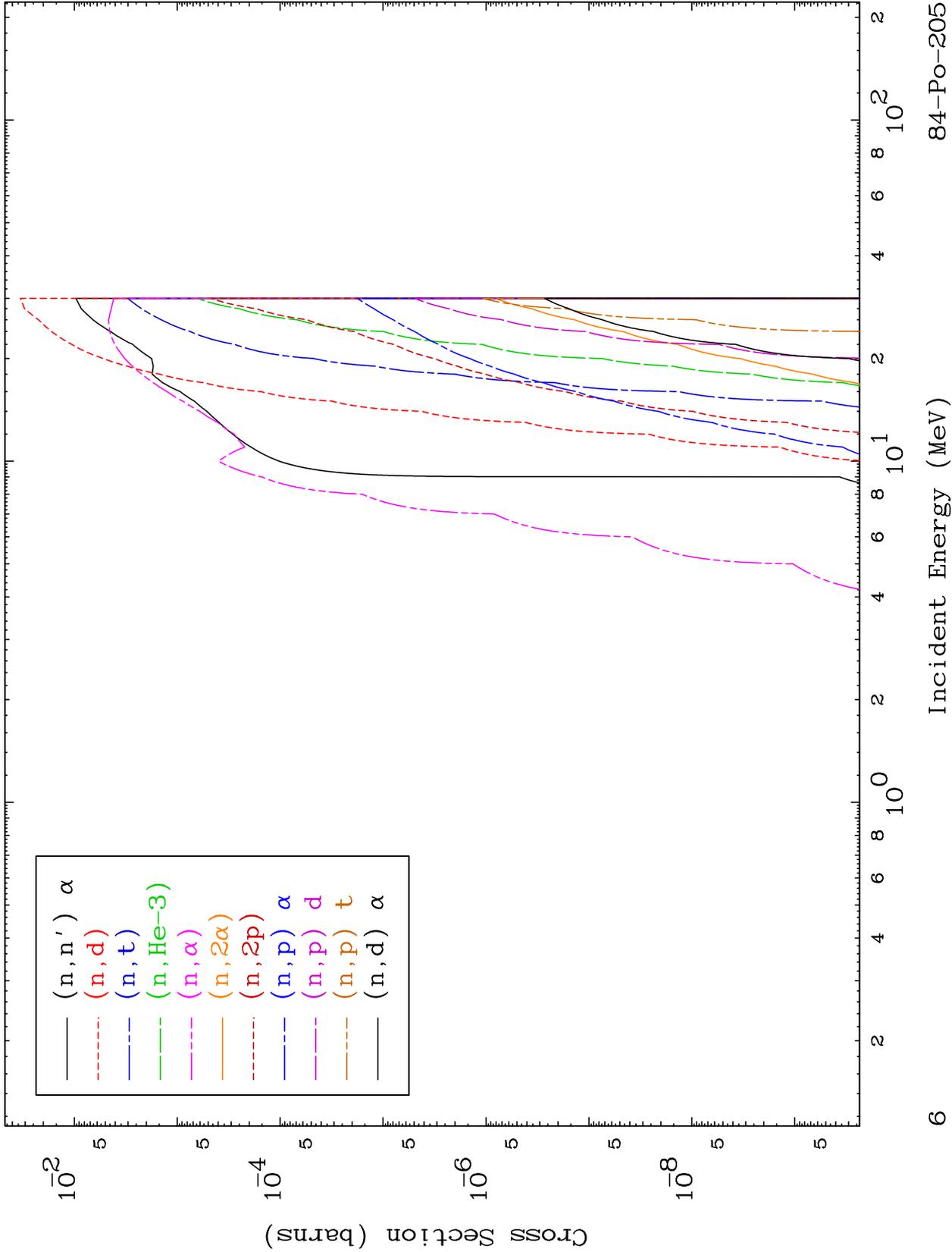
84-Po-205



MAT 8422

Proton Charged Particle
0 Kelvin Cross Sections

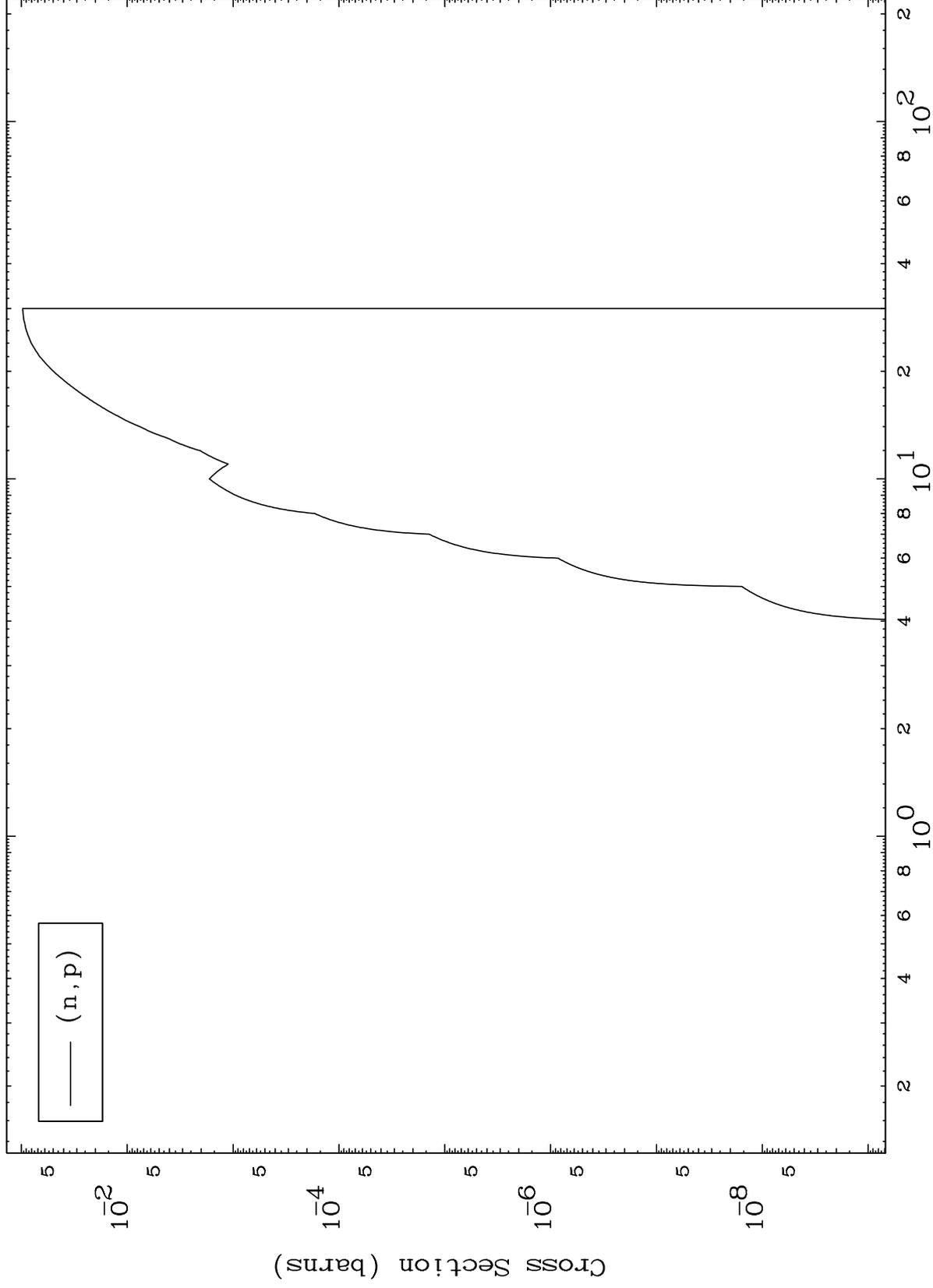
84-Po-205



MAT 8422

(p,p) Levels
0 Kelvin Cross Sections

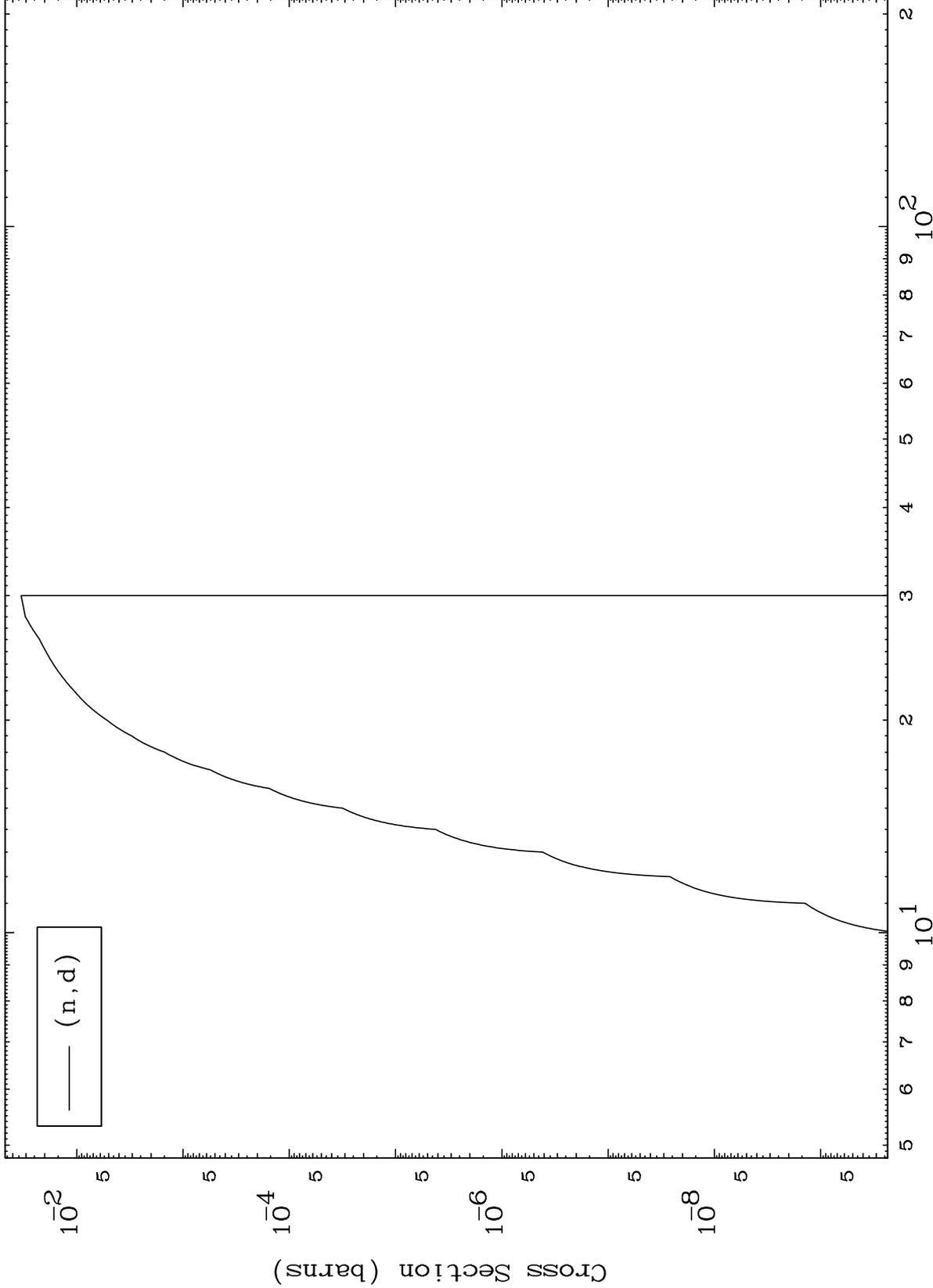
84-Po-205



MAT 8422

(p,d) Levels
0 Kelvin Cross Sections

84-Po-205



8

Incident Energy (MeV)

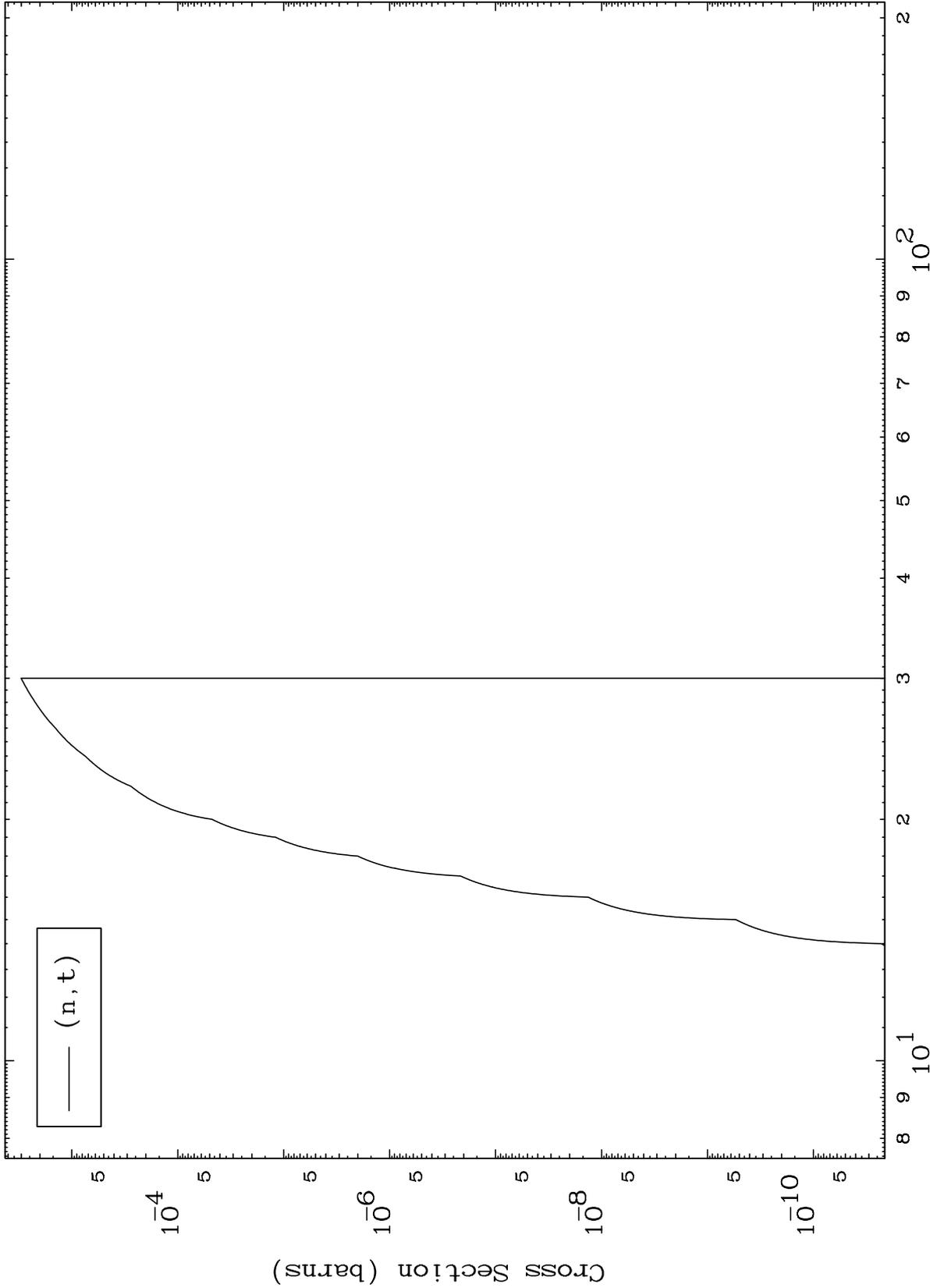
84-Po-205

MAT 8422

(p,t) Levels

84-Po-205

0 Kelvin Cross Sections



9

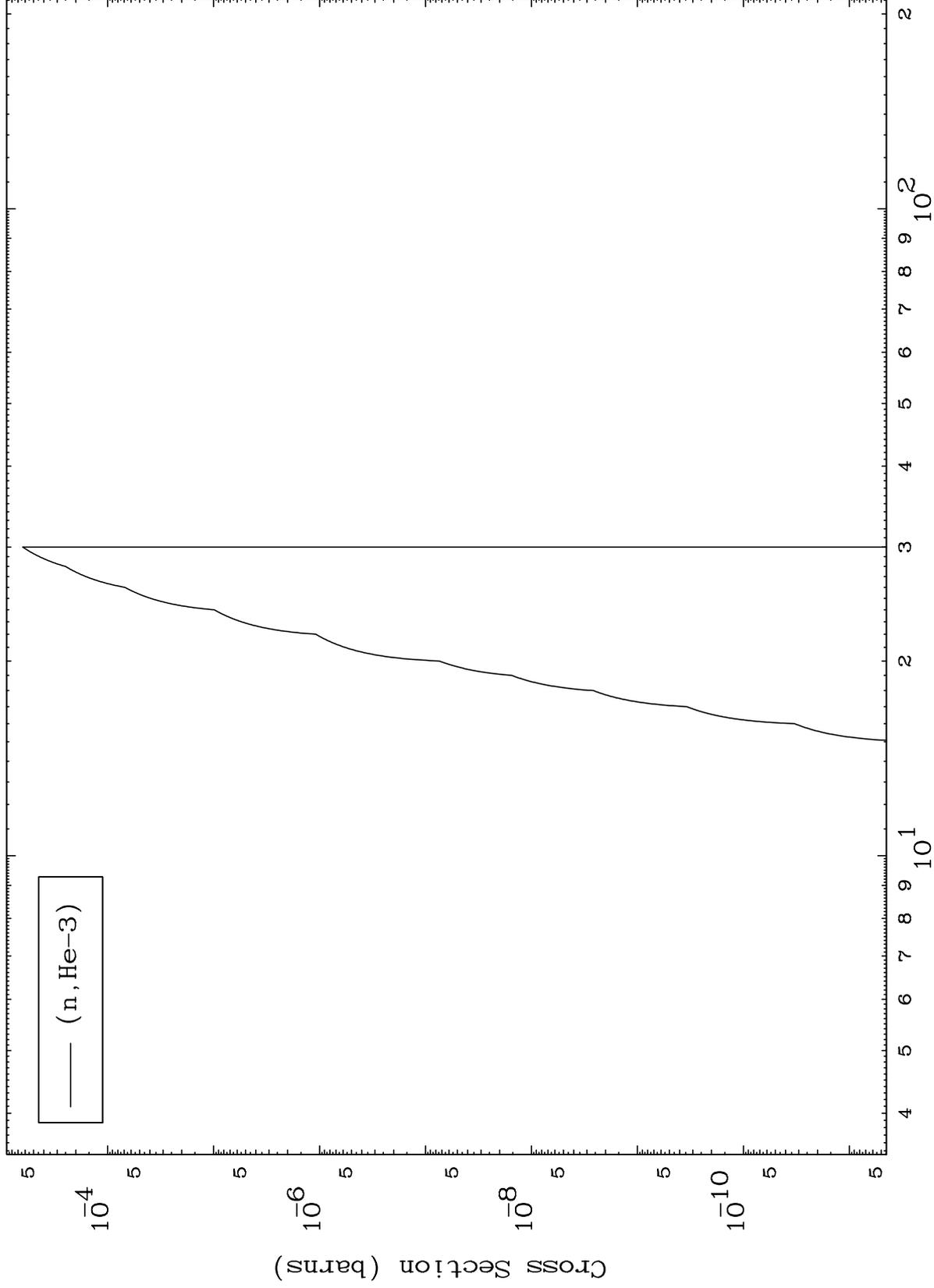
Incident Energy (MeV)

84-Po-205

MAT 8422

(p,He3) Levels
0 Kelvin Cross Sections

84-Po-205



10

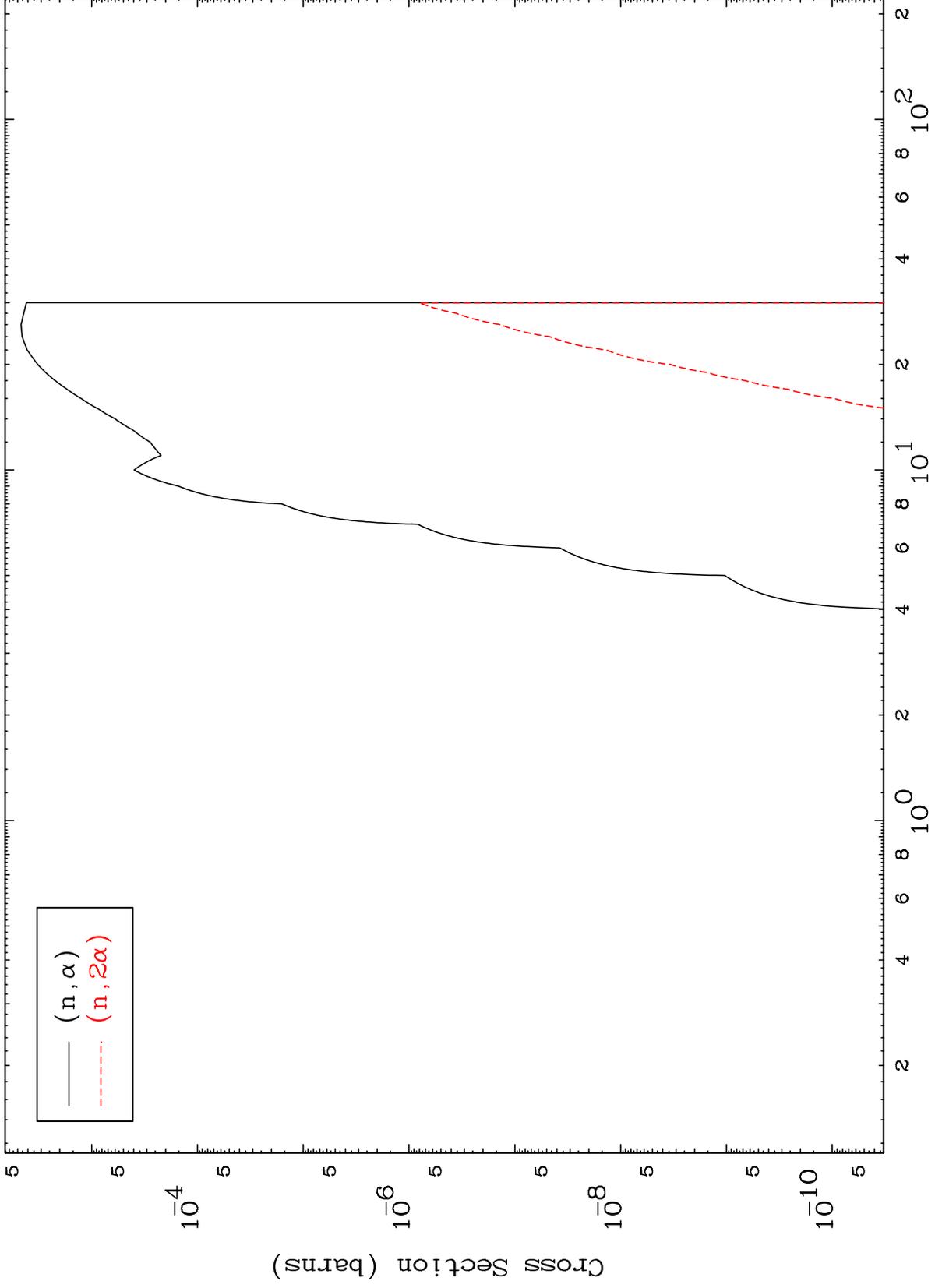
Incident Energy (MeV)

84-Po-205

MAT 8422

(p, α) Levels
0 Kelvin Cross Sections

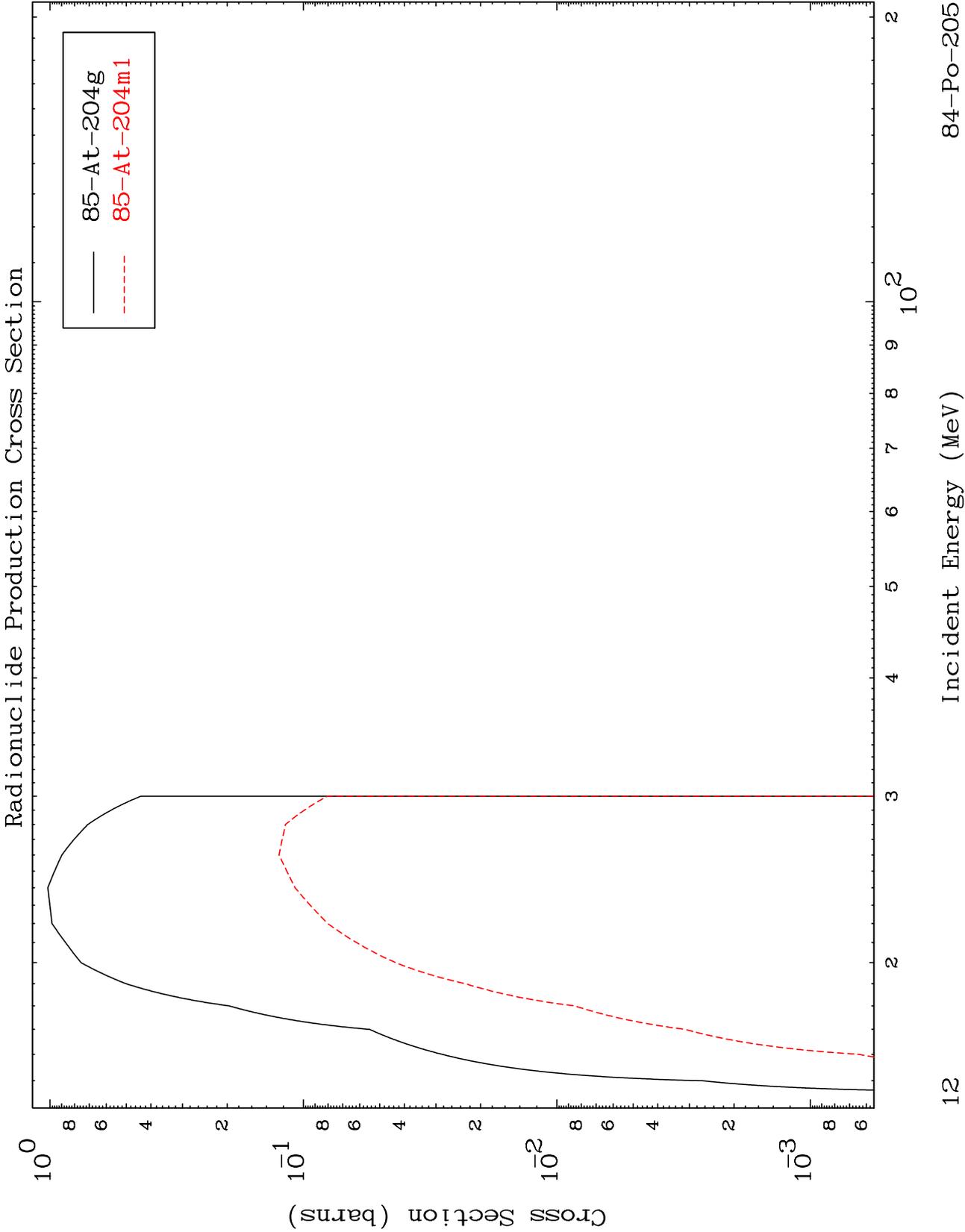
84-Po-205



MAT 8422

(n,2n)

84-Po-205



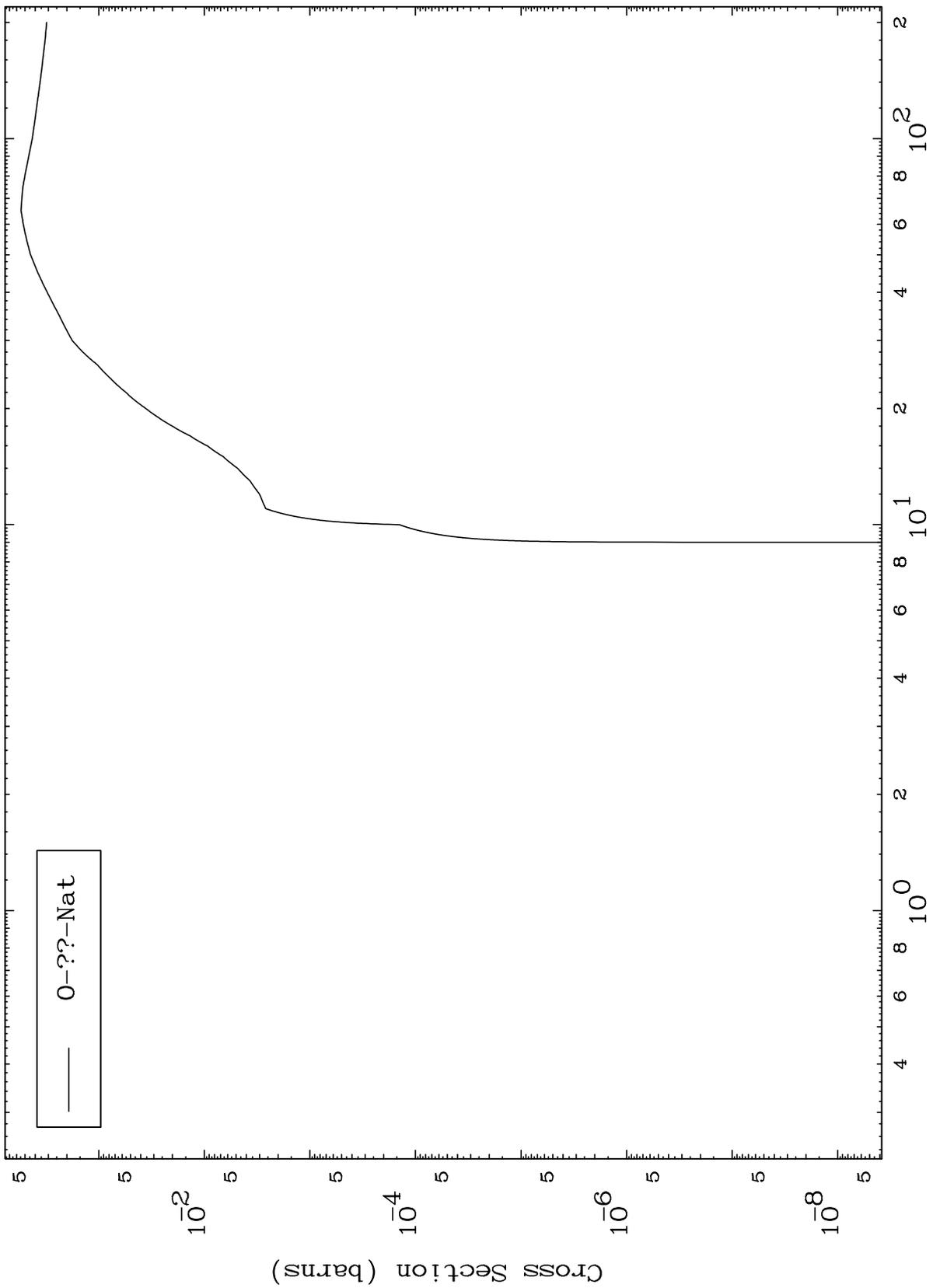
12

84-Po-205

MAT 8422

84-Po-205

Fission
Radionuclide Production Cross Section



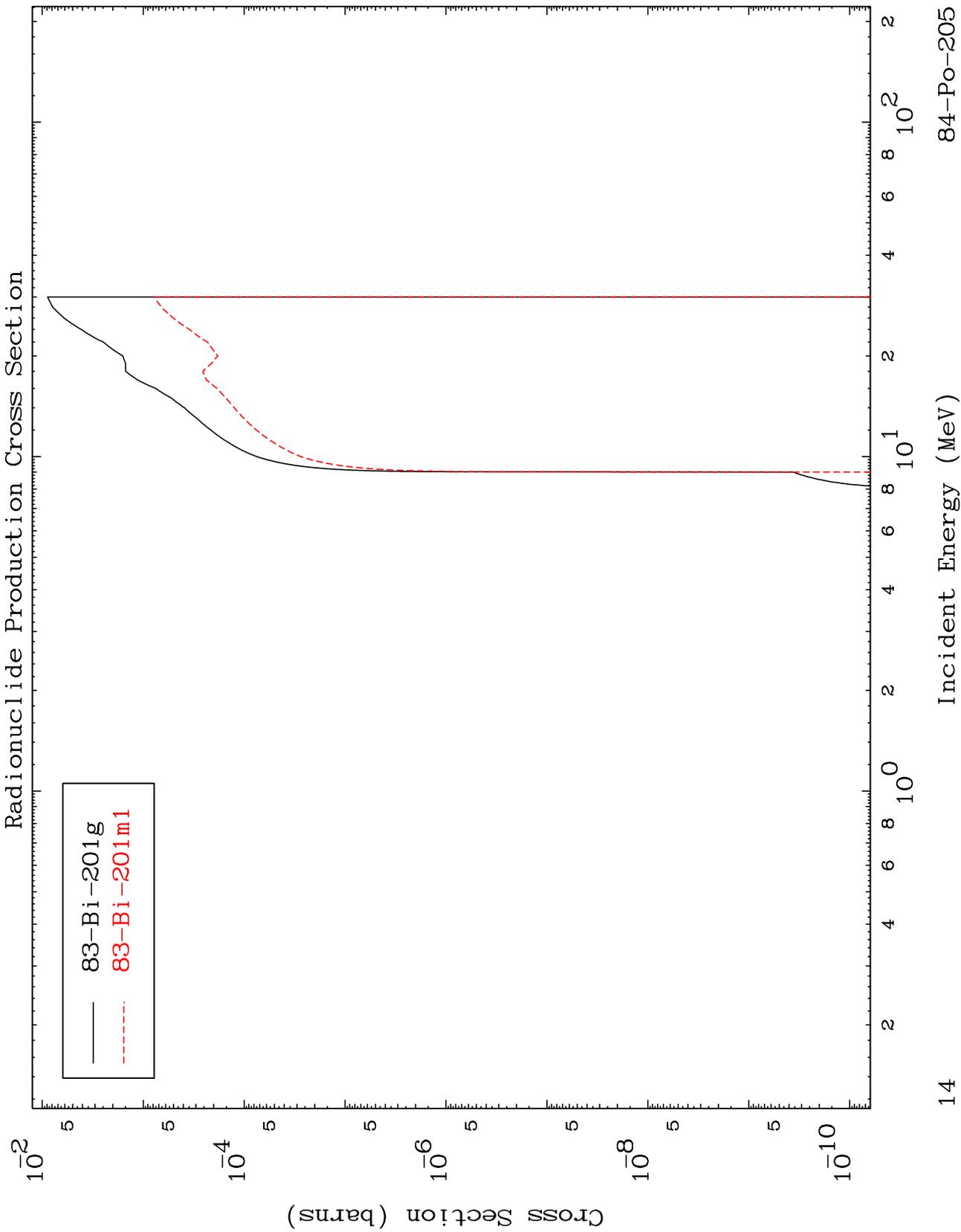
84-Po-205

Incident Energy (MeV)

MAT 8422

$(n, n') \alpha$

84-Po-205



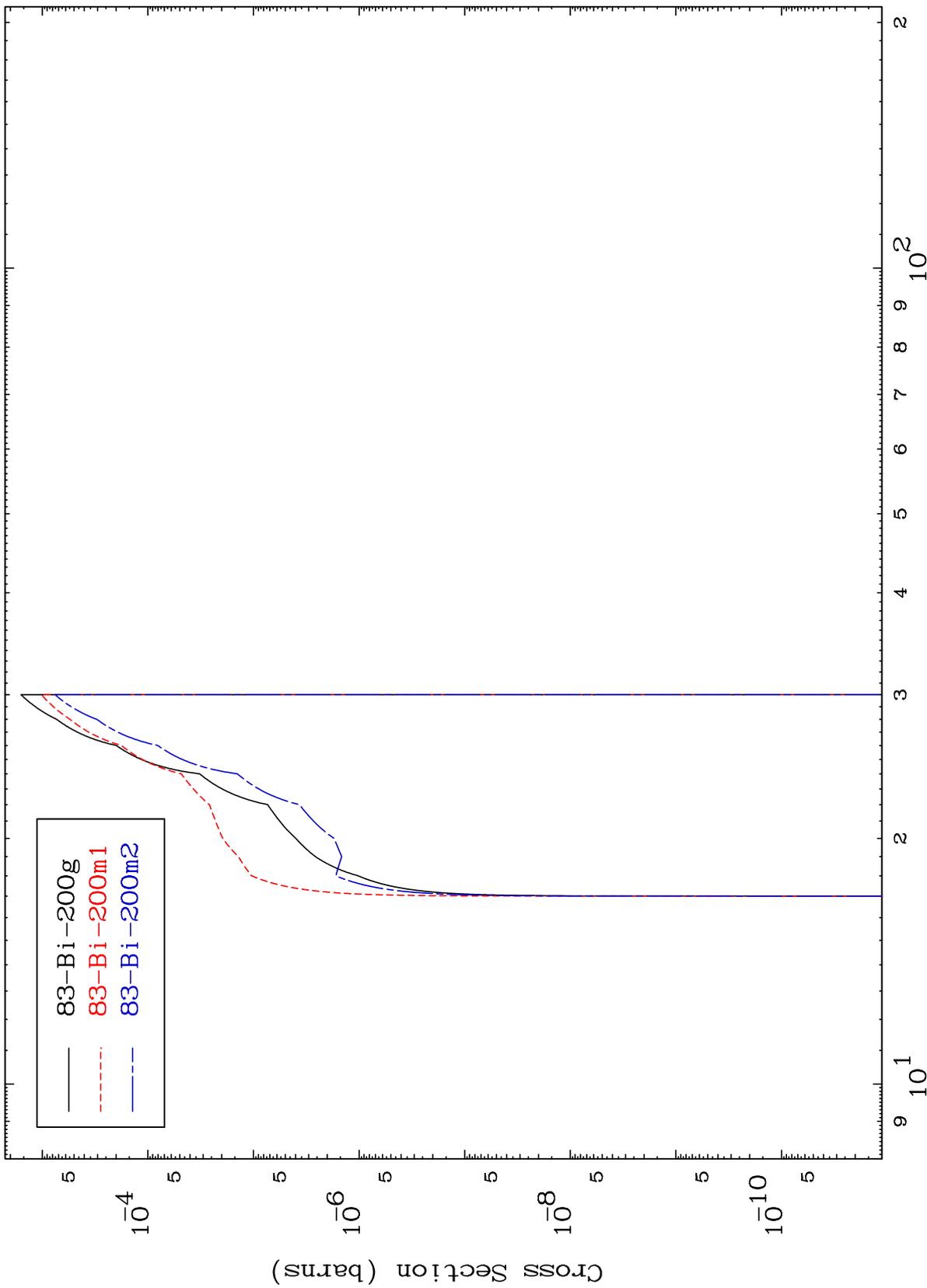
83-Bi-201g
83-Bi-201m1

MAT 8422

(n,2n) α

84-Po-205

Radionuclide Production Cross Section



15

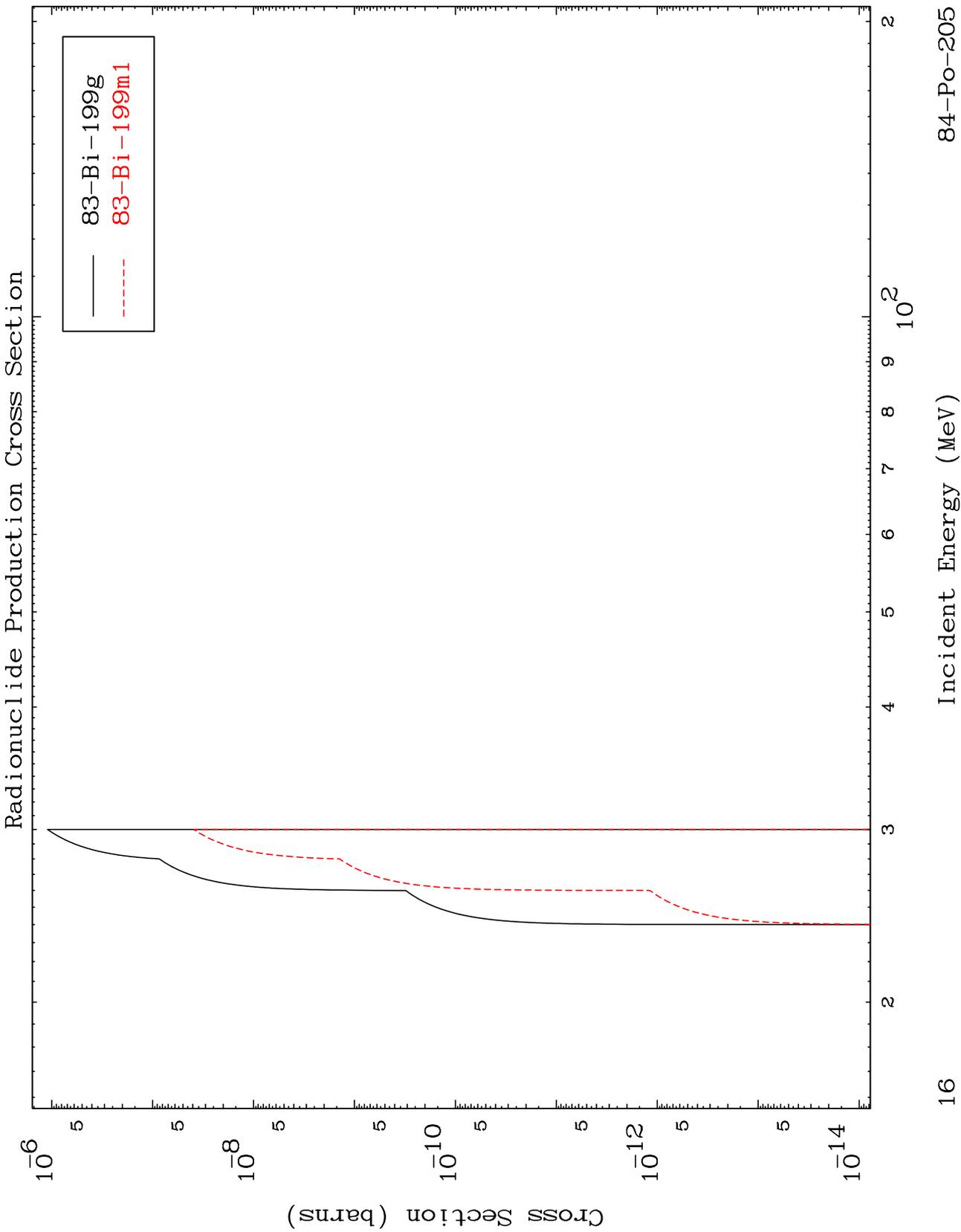
Incident Energy (MeV)

84-Po-205

MAT 8422

(n,3n) α

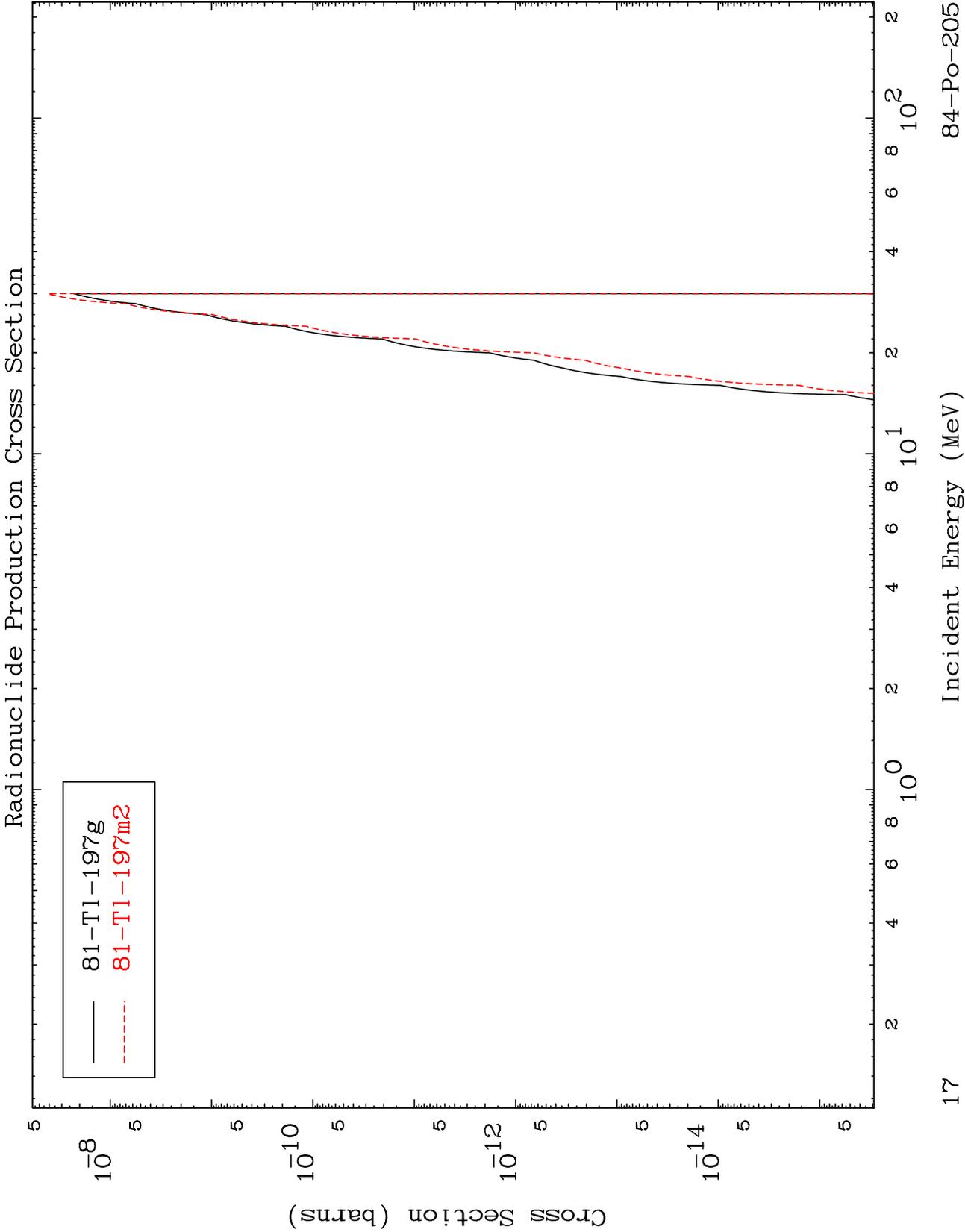
84-Po-205



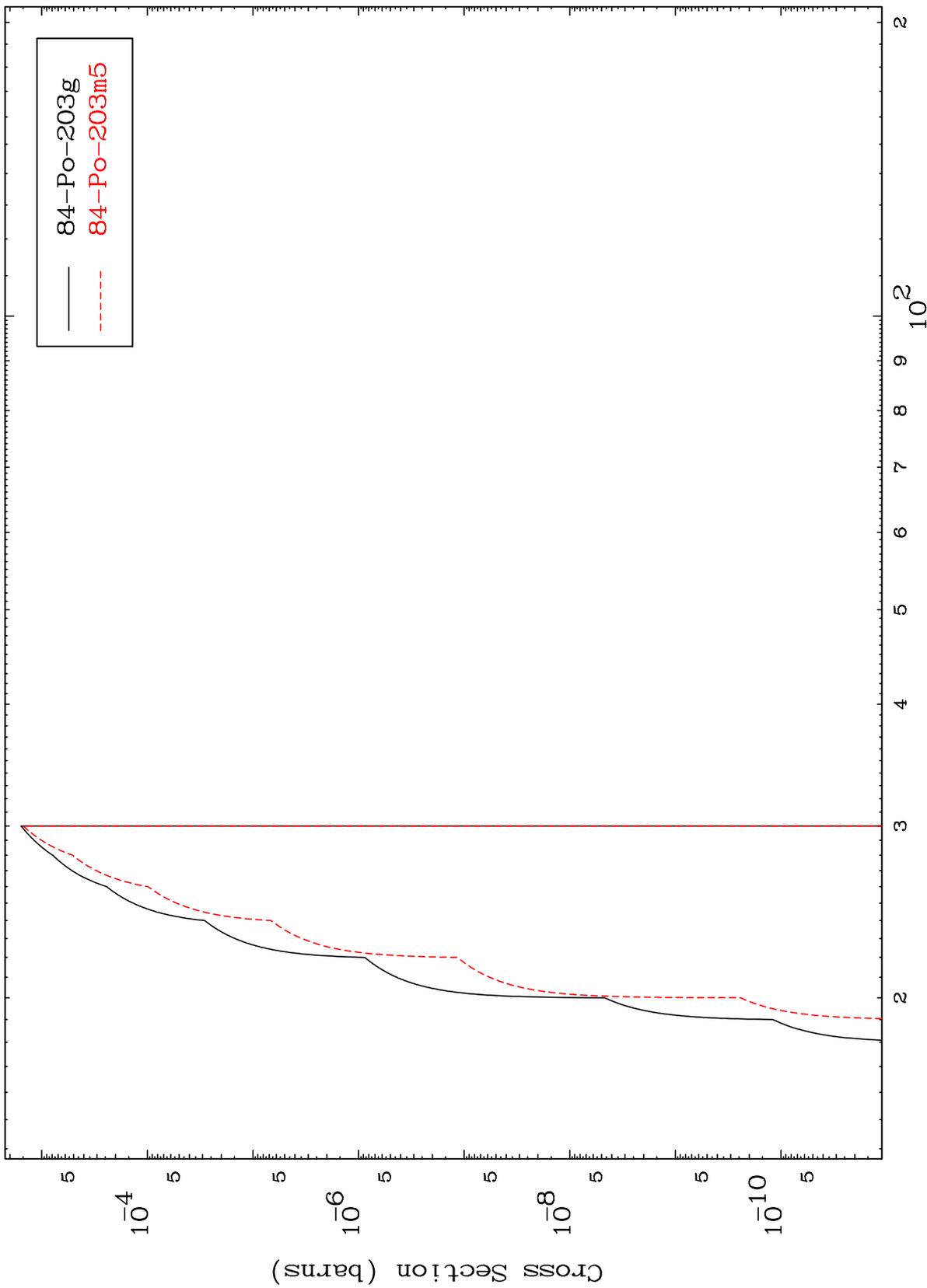
MAT 8422

(n,n') 2α

84-Po-205



(n,n') d
Radionuclide Production Cross Section



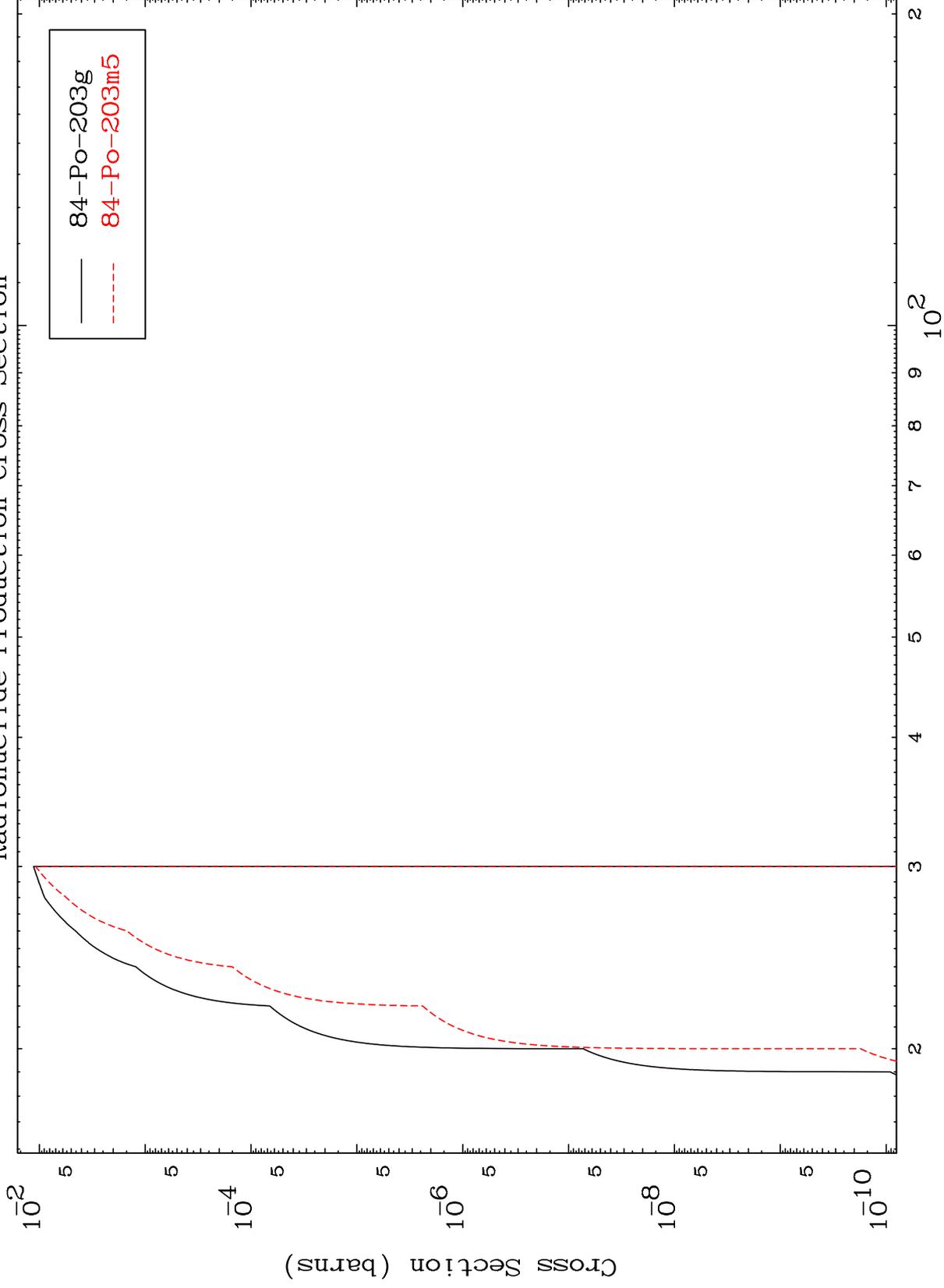
84-Po-203g
84-Po-203m5

MAT 8422

84-Po-205

(n,2n) p

Radionuclide Production Cross Section



19

Incident Energy (MeV)

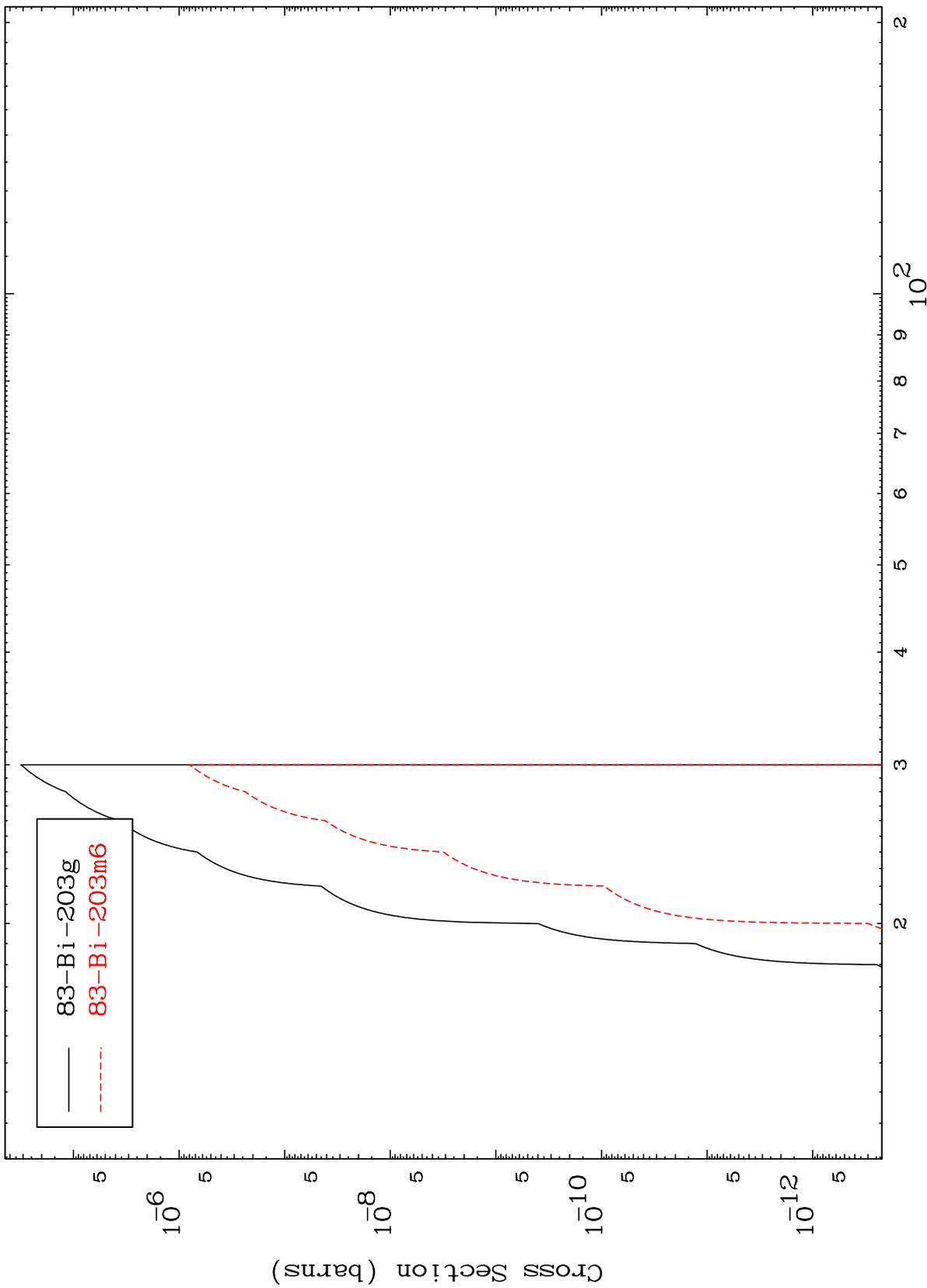
84-Po-205

MAT 8422

(n,2n) p

84-Po-205

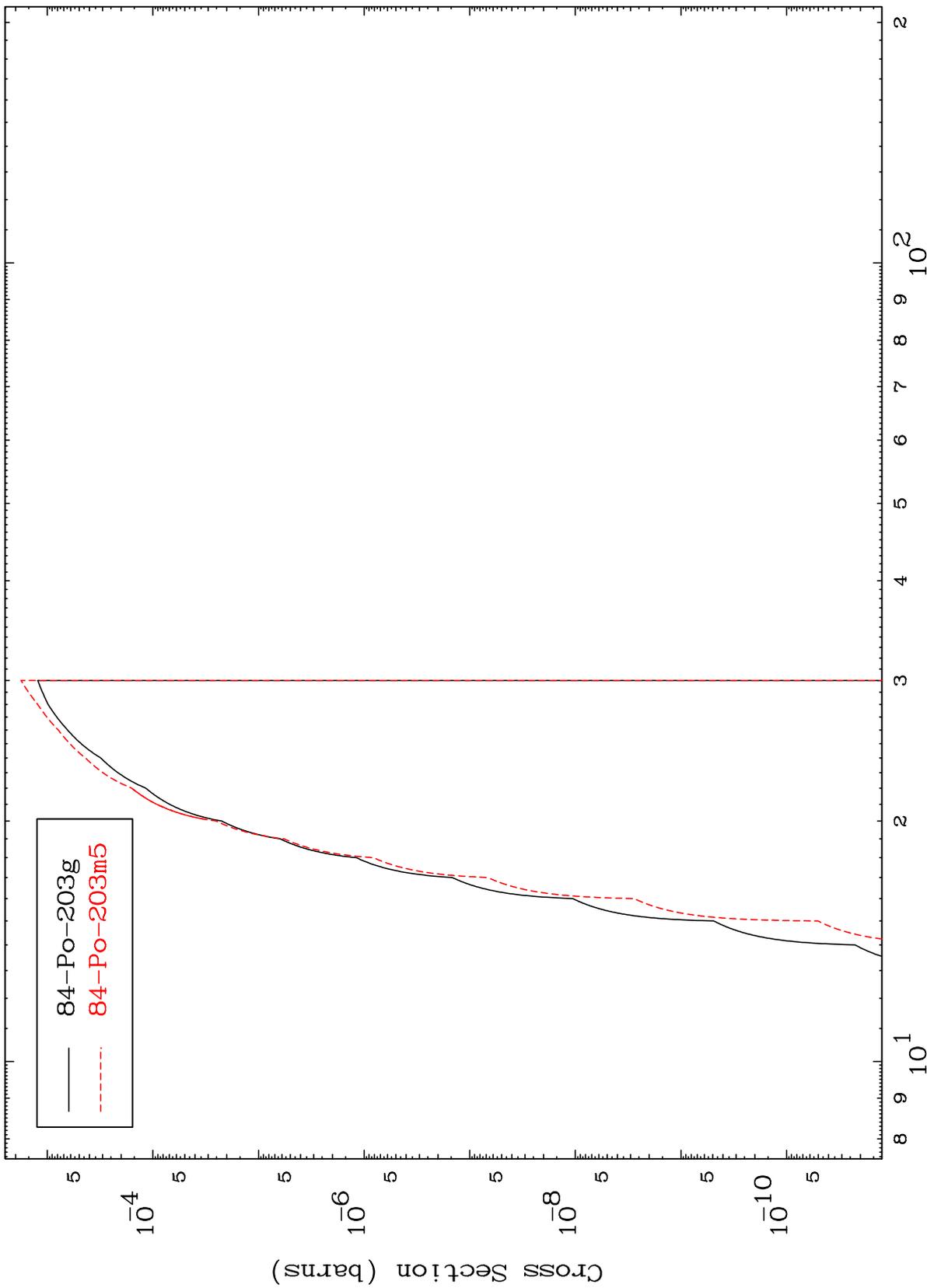
Radionuclide Production Cross Section



MAT 8422

84-Po-205

(n,t)
Radionuclide Production Cross Section



84-Po-205

Incident Energy (MeV)

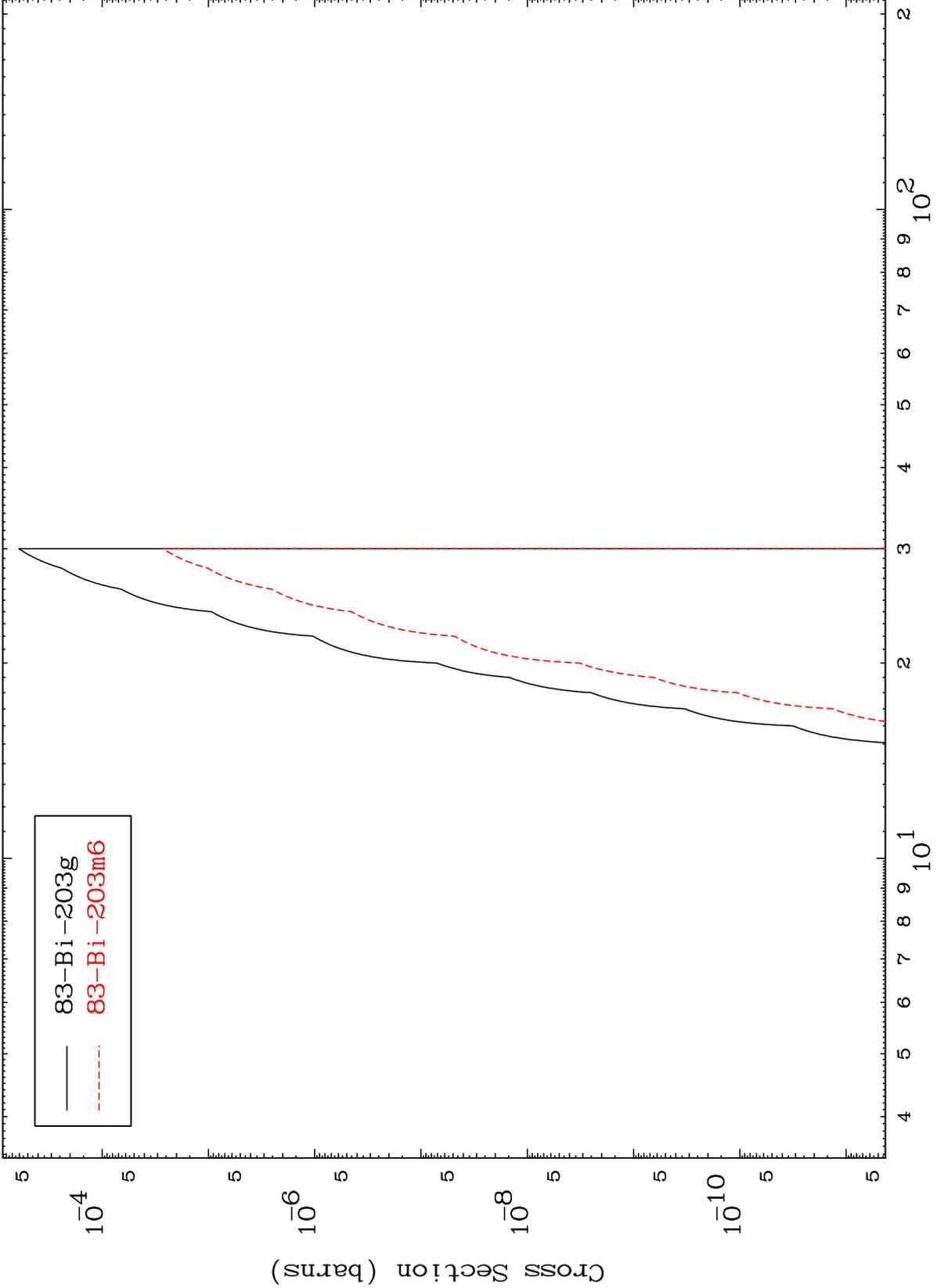
21

MAT 8422

(n,He-3)

84-Po-205

Radionuclide Production Cross Section



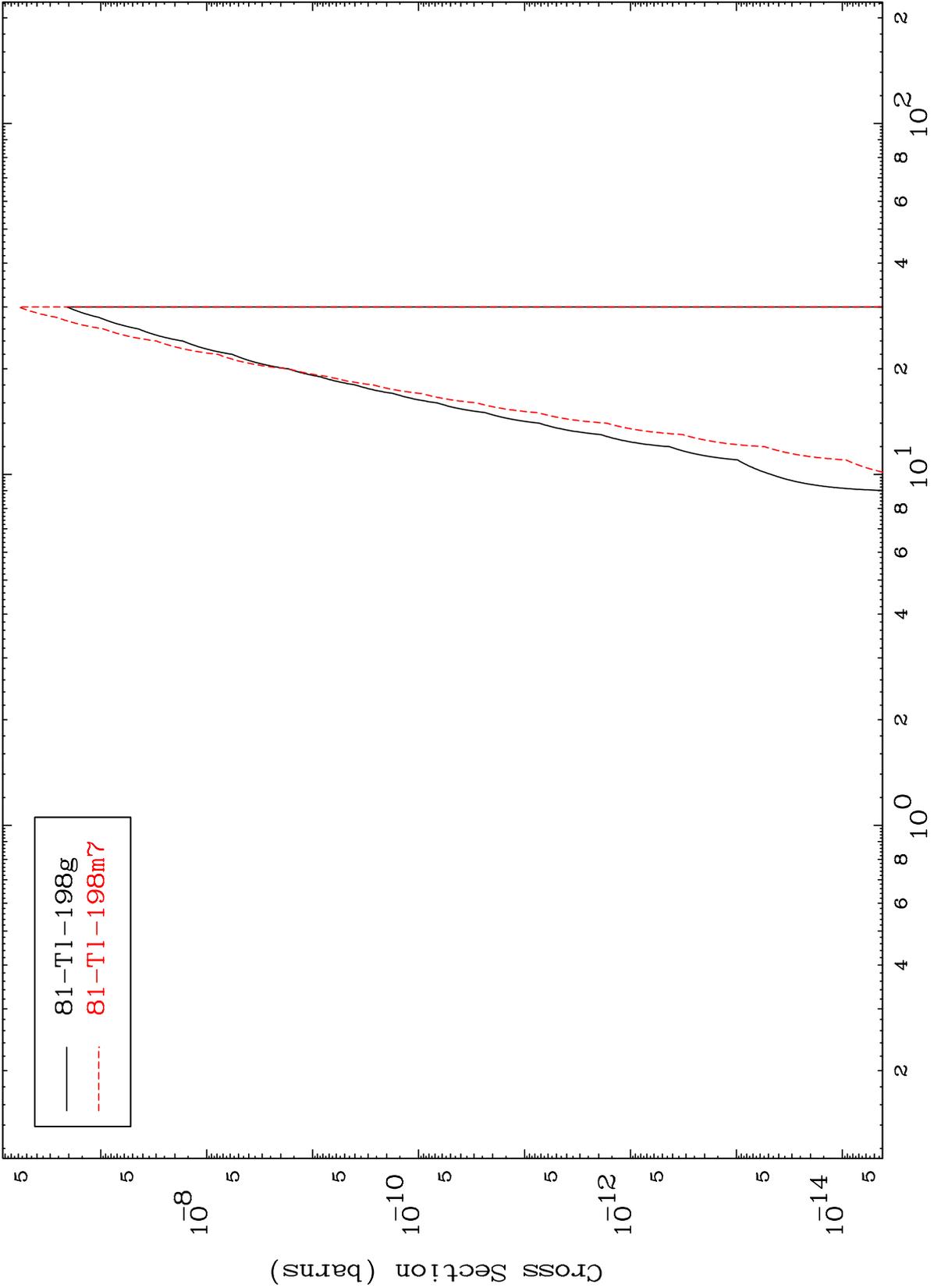
83-Bi-203g
83-Bi-203m6

MAT 8422

(n,2α)

84-Po-205

Radionuclide Production Cross Section



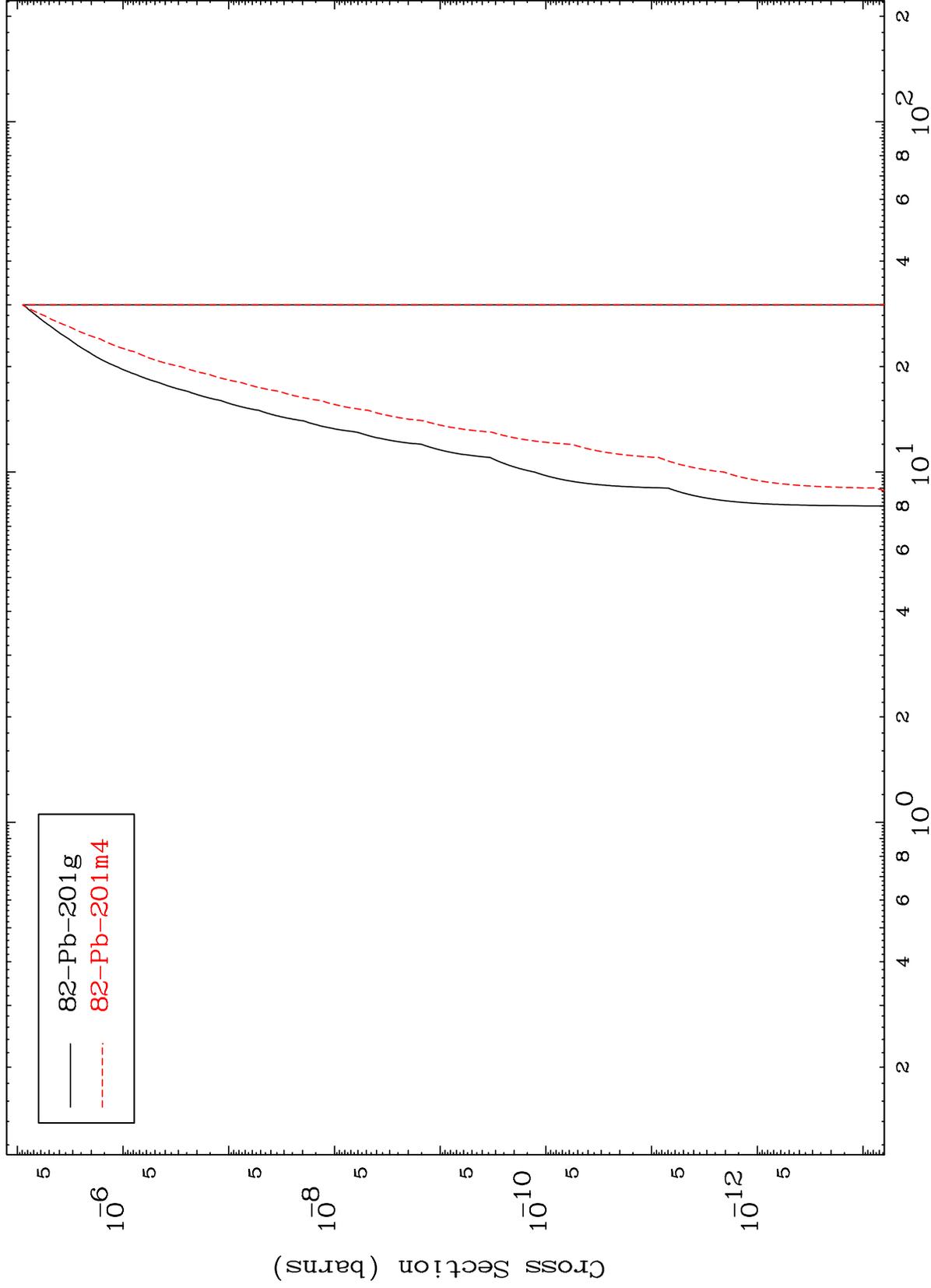
81-Tl-198g
81-Tl-198m7

MAT 8422

(n,p) α

84-Po-205

Radionuclide Production Cross Section



24

Incident Energy (MeV)

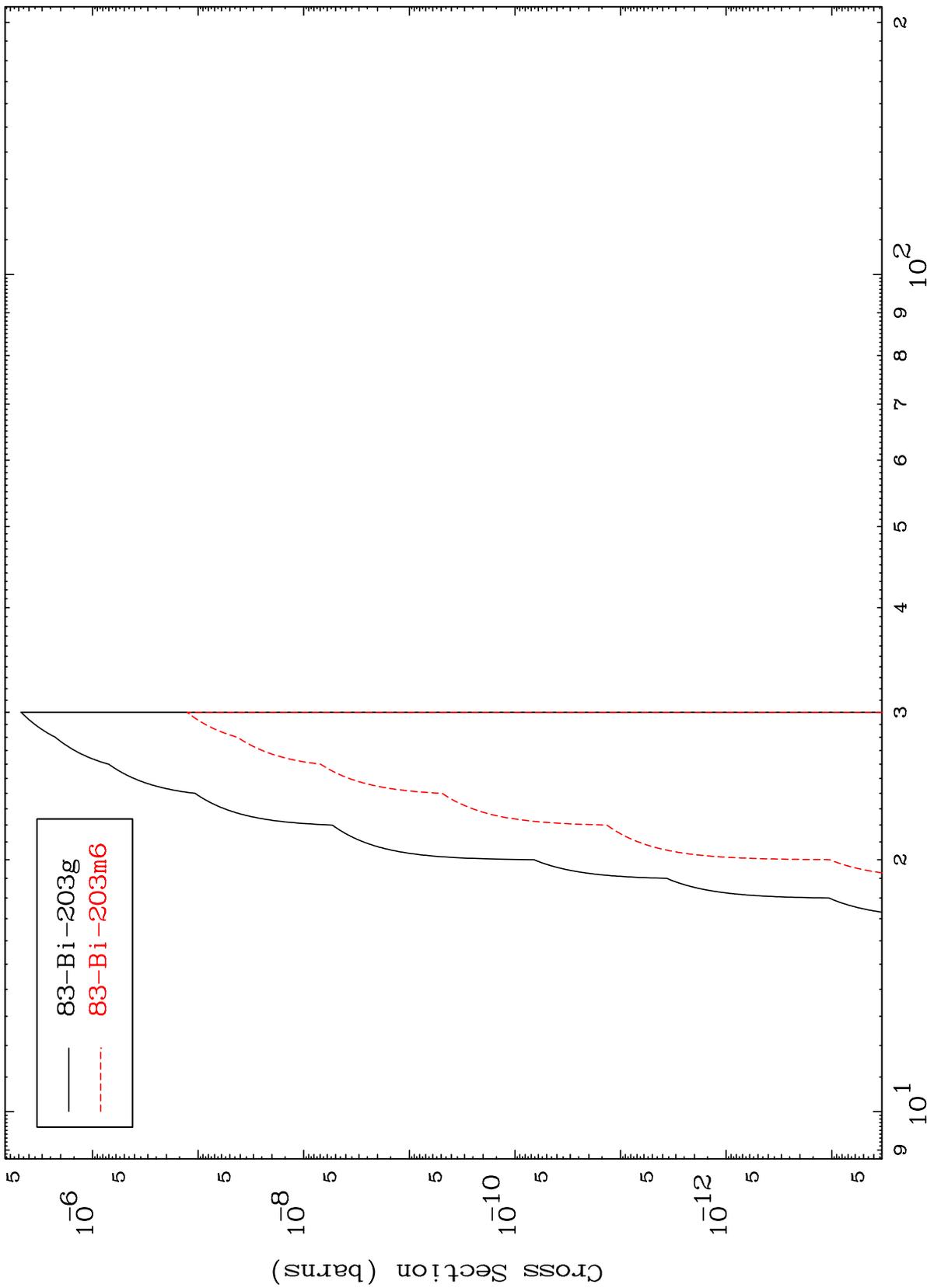
84-Po-205

MAT 8422

(n,p) d

84-Po-205

Radionuclide Production Cross Section



Incident Energy (MeV)

84-Po-205

25