

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

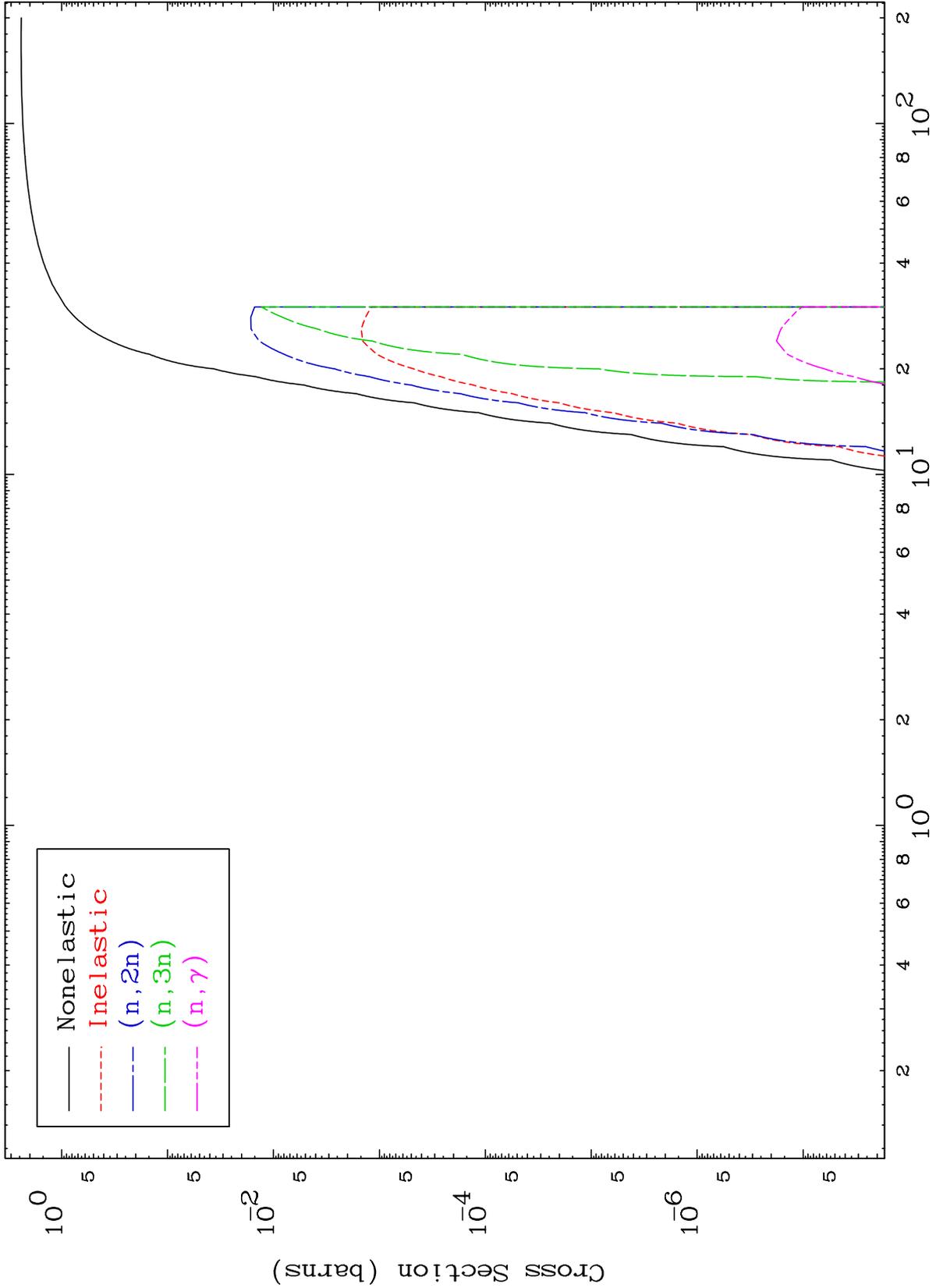
Press Mouse Button to Start

MAT 8216

He-3 Major

82-Pb-201

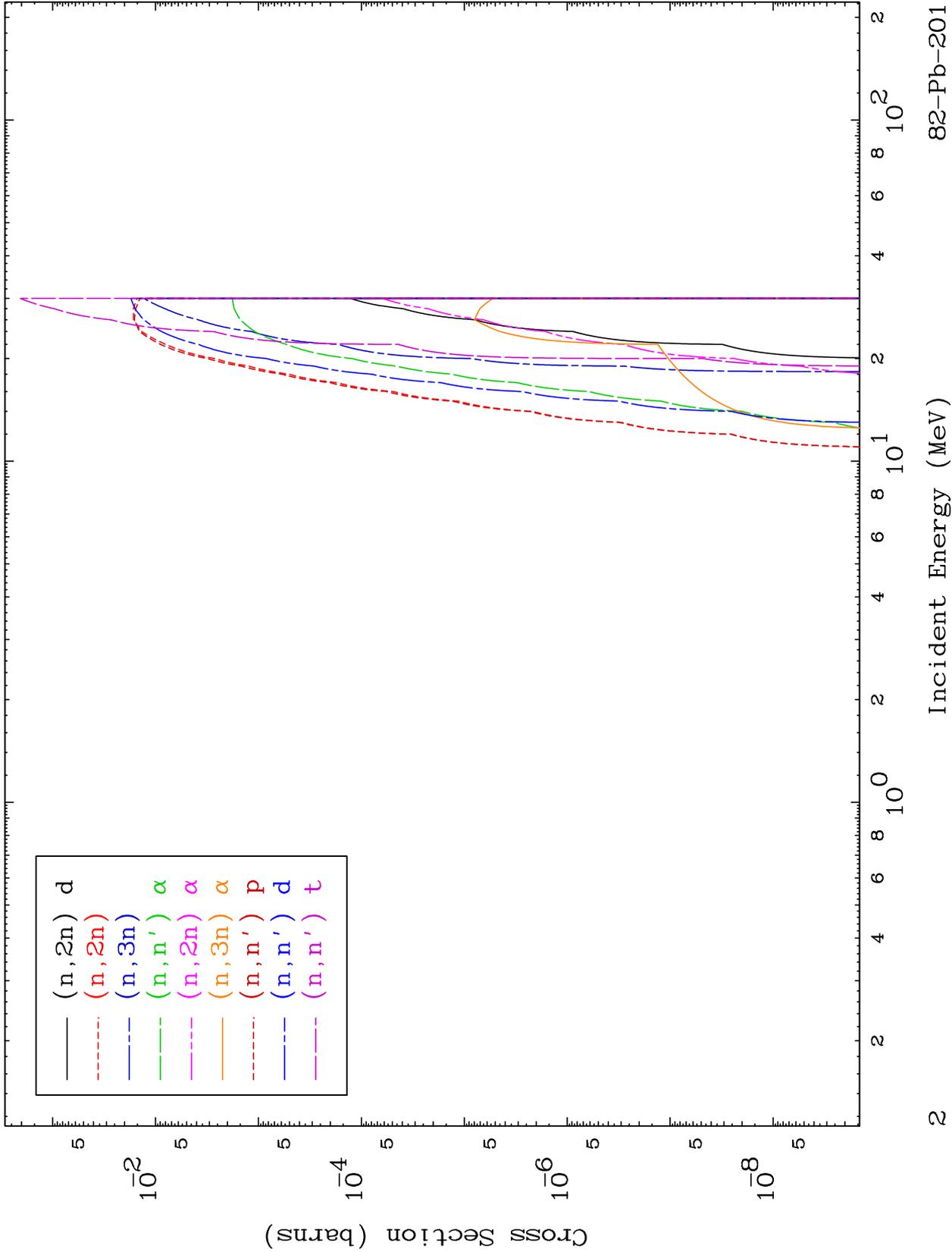
0 Kelvin Cross Sections

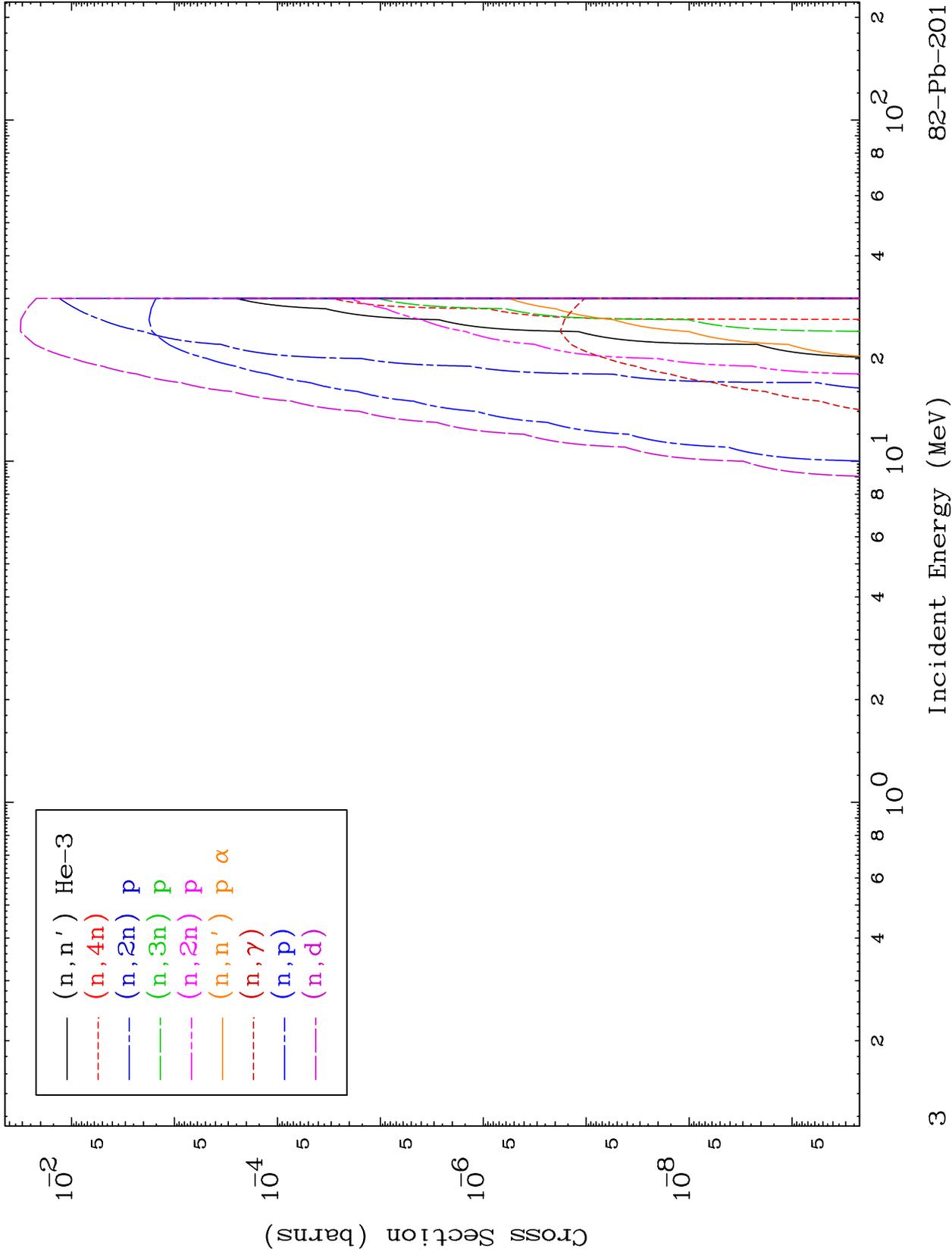


MAT 8216

He-3 Neutron Absorption
0 Kelvin Cross Sections

82-Pb-201

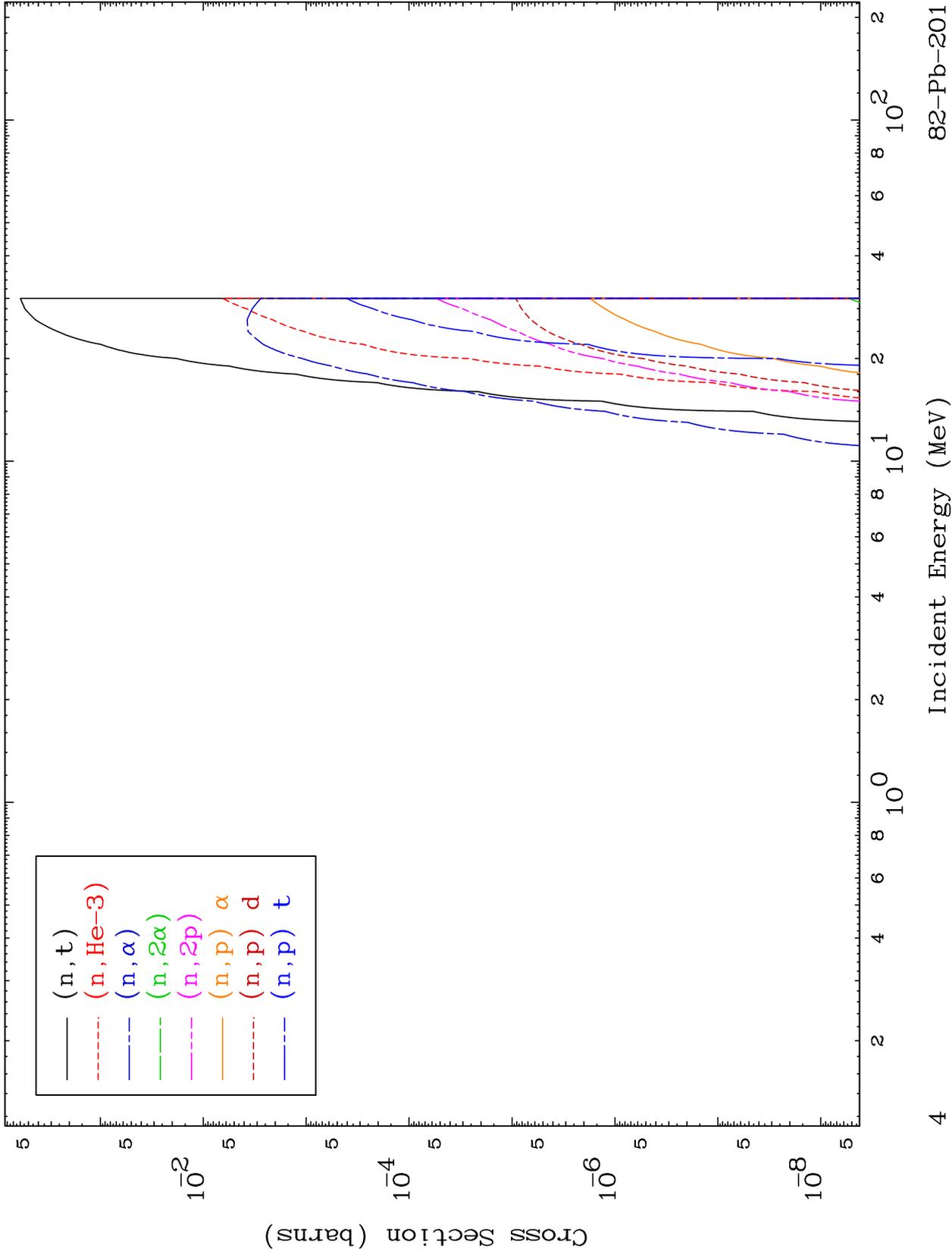


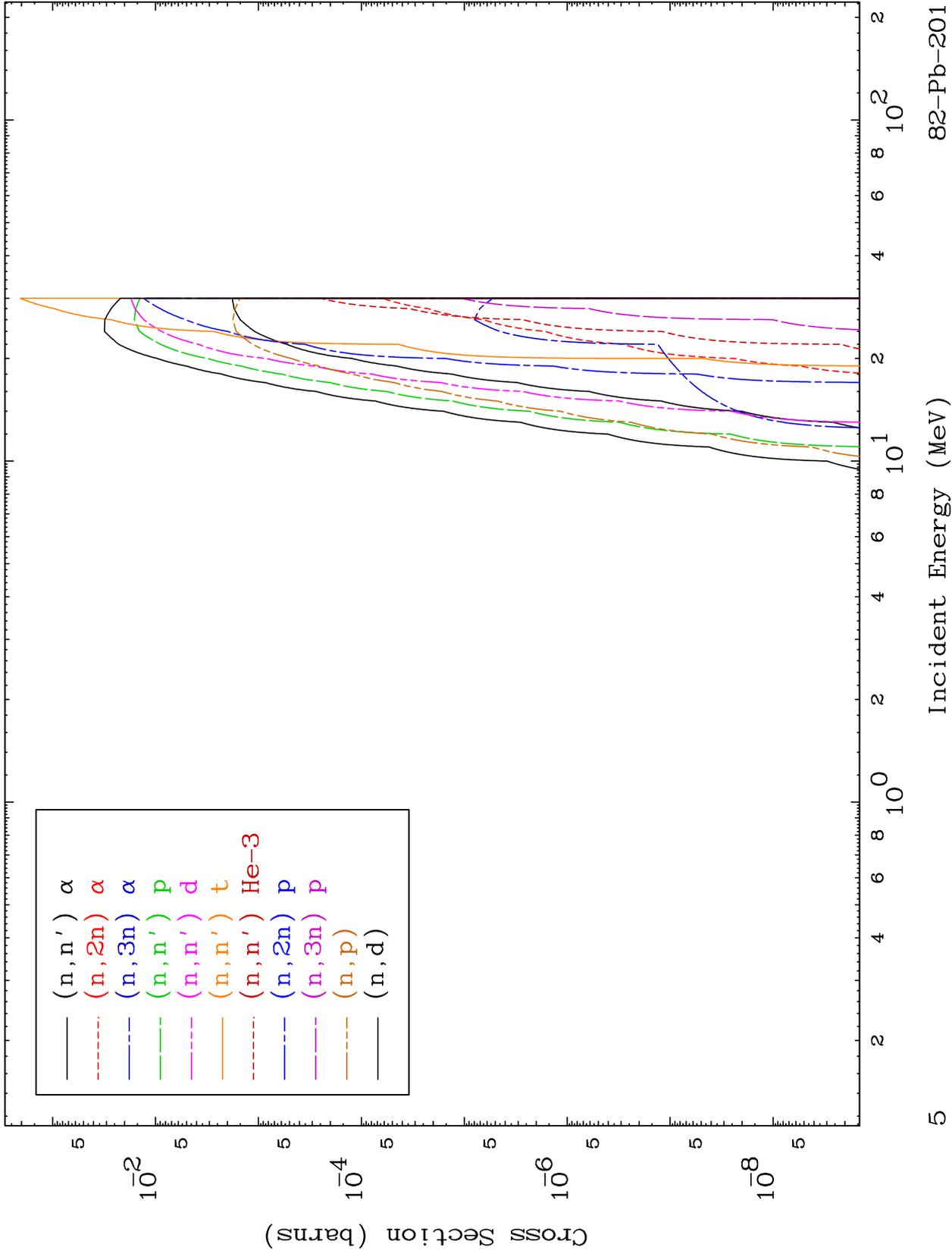


MAT 8216

He-3 Neutron Absorption
0 Kelvin Cross Sections

82-Pb-201

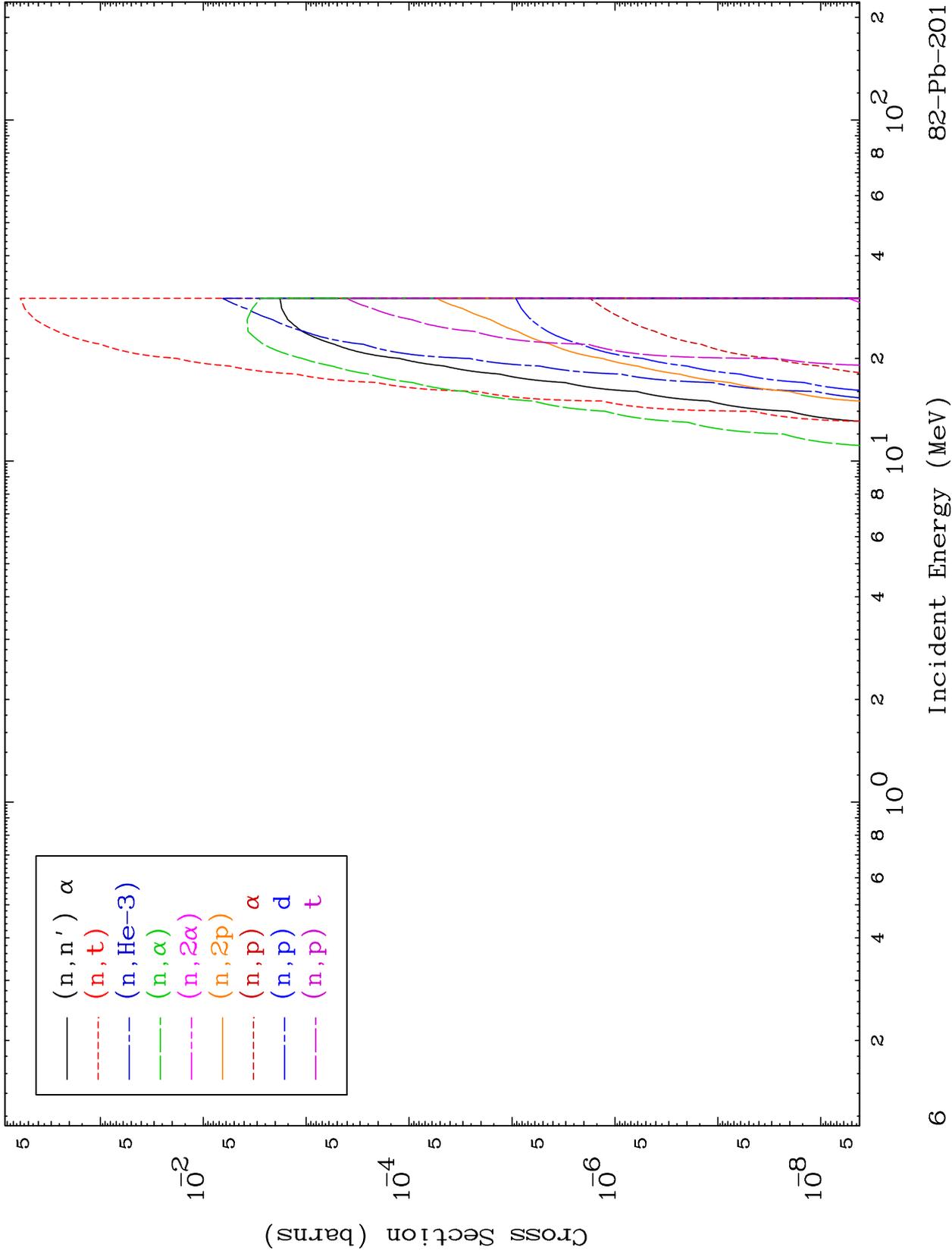




MAT 8216

He-3 Charged Particle
0 Kelvin Cross Sections

82-Pb-201

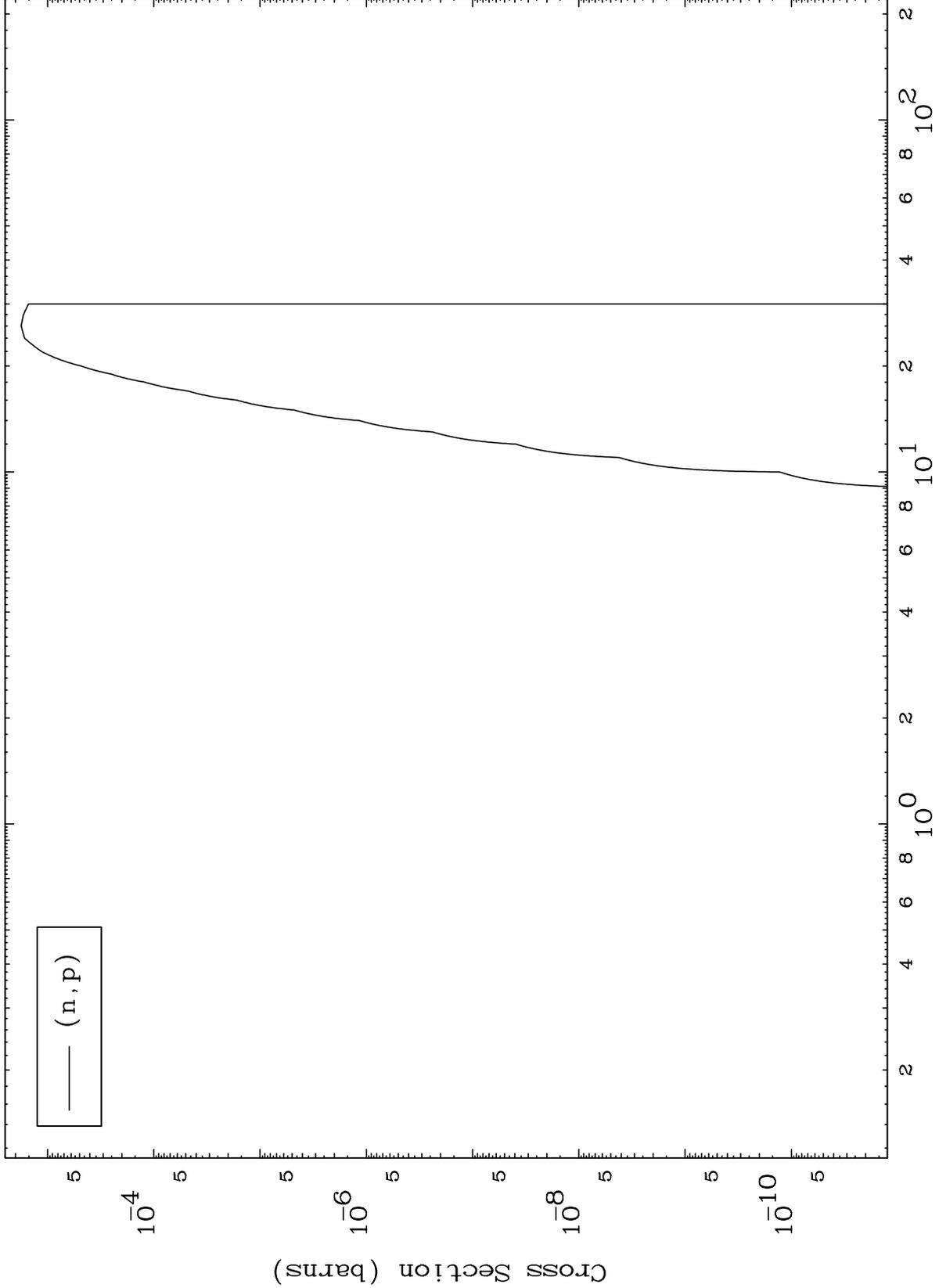


MAT 8216

(He-3,p) Levels

82-Pb-201

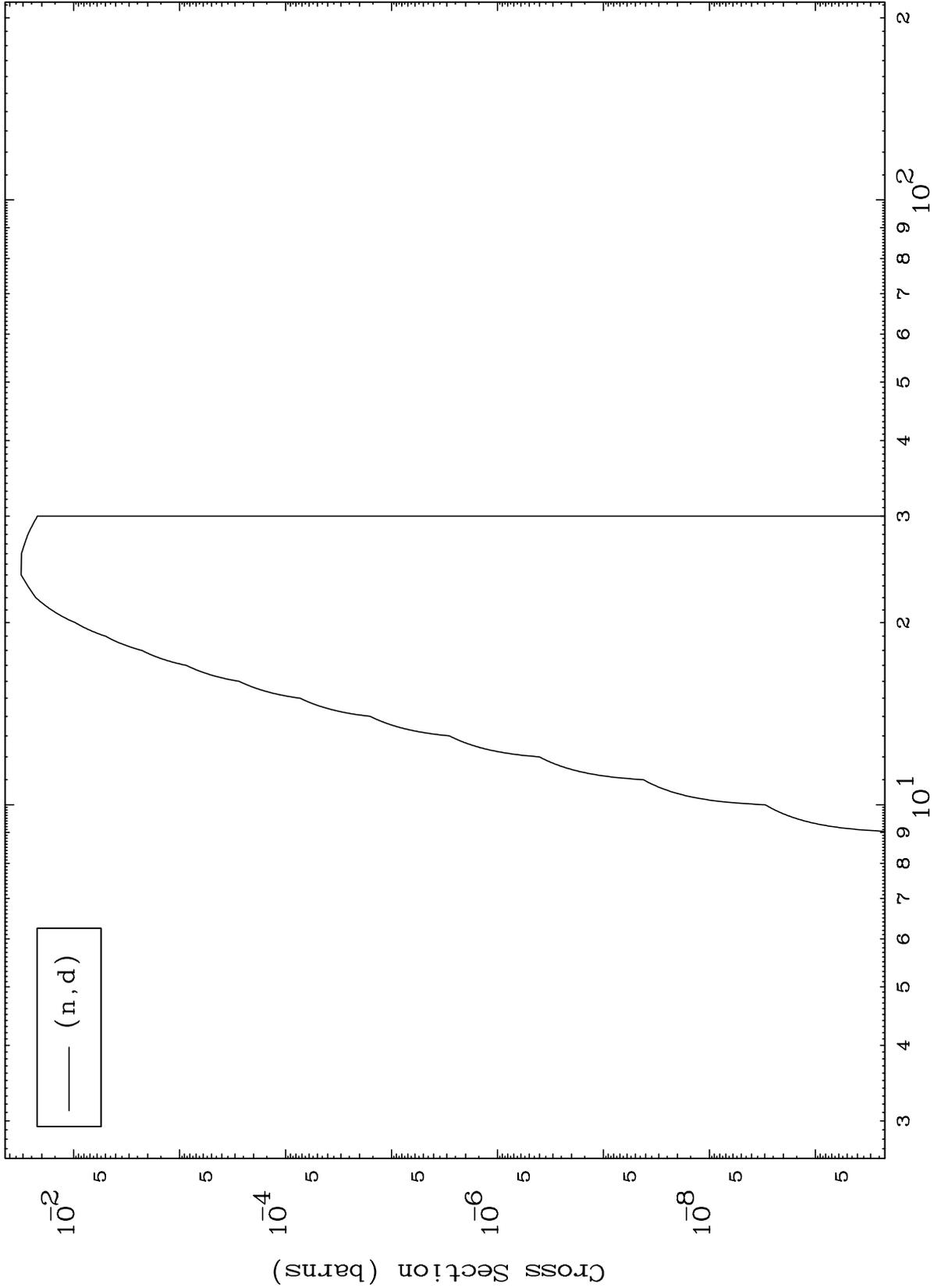
0 Kelvin Cross Sections



MAT 8216

82-Pb-201

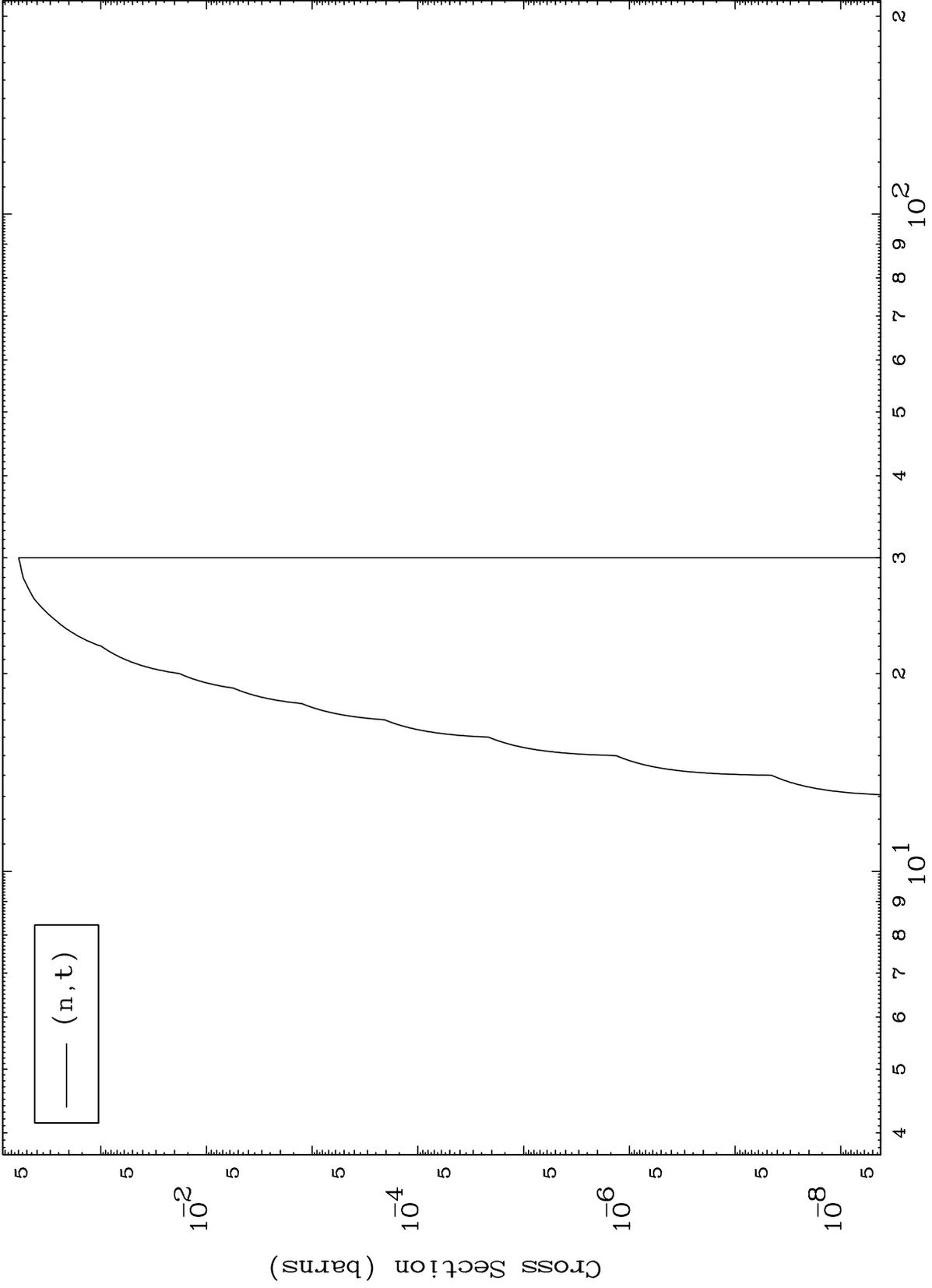
(He-3,d) Levels
0 Kelvin Cross Sections



MAT 8216

82-Pb-201

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



9

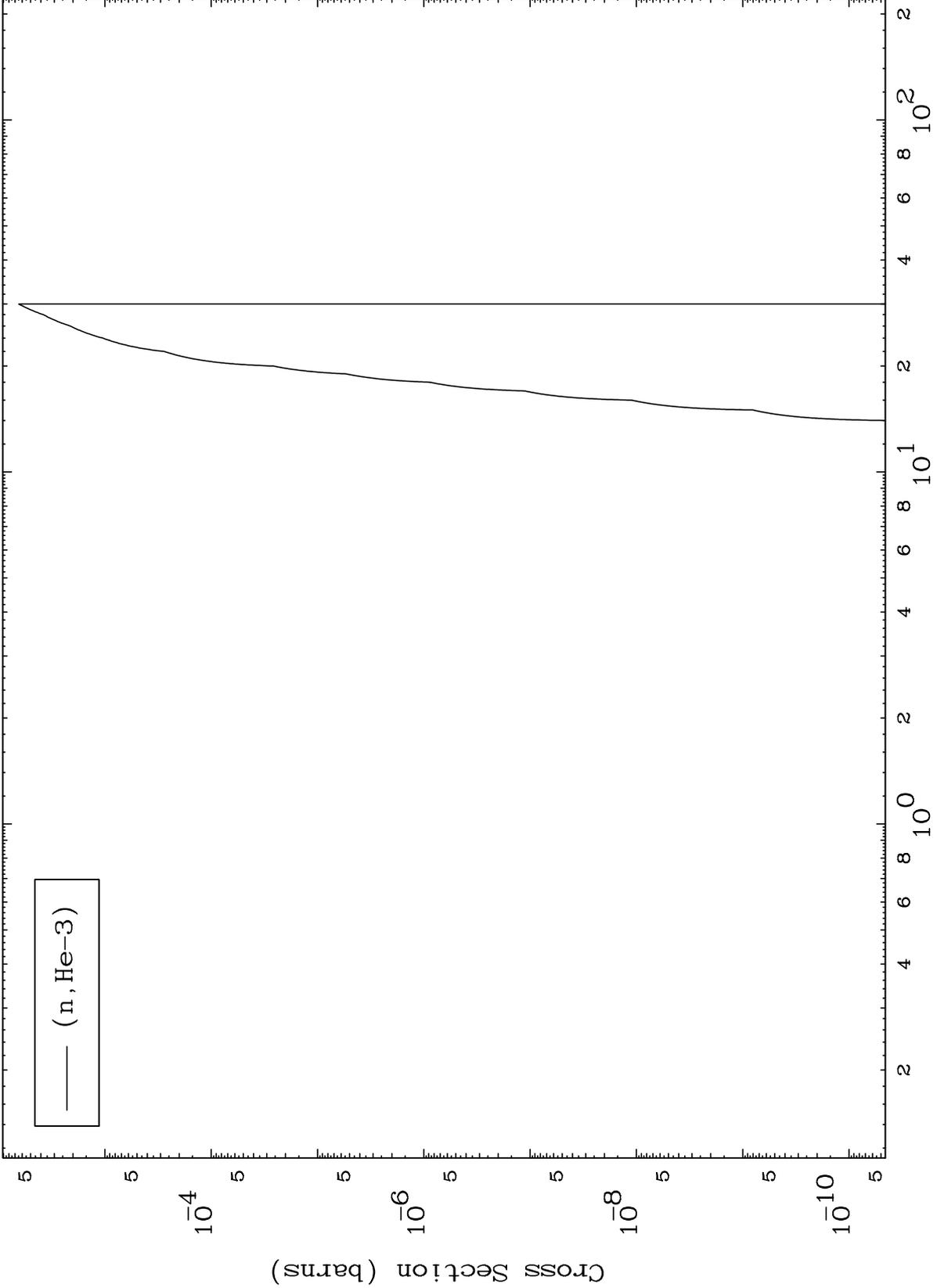
82-Pb-201

MAT 8216

(He-3, He3) Levels

82-Pb-201

0 Kelvin Cross Sections



10

Incident Energy (MeV)

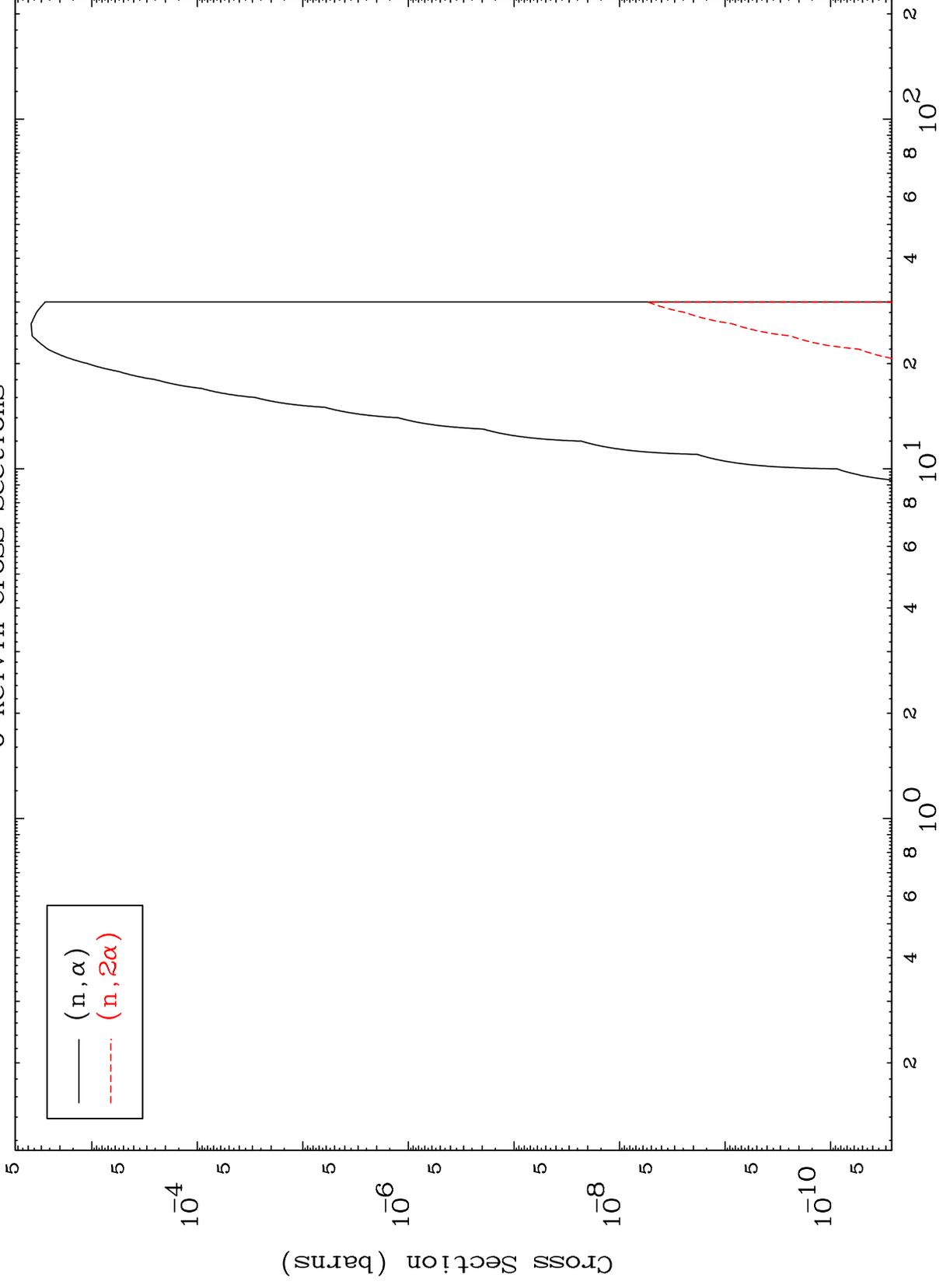
82-Pb-201

MAT 8216

(He-3, α) Levels

82-Pb-201

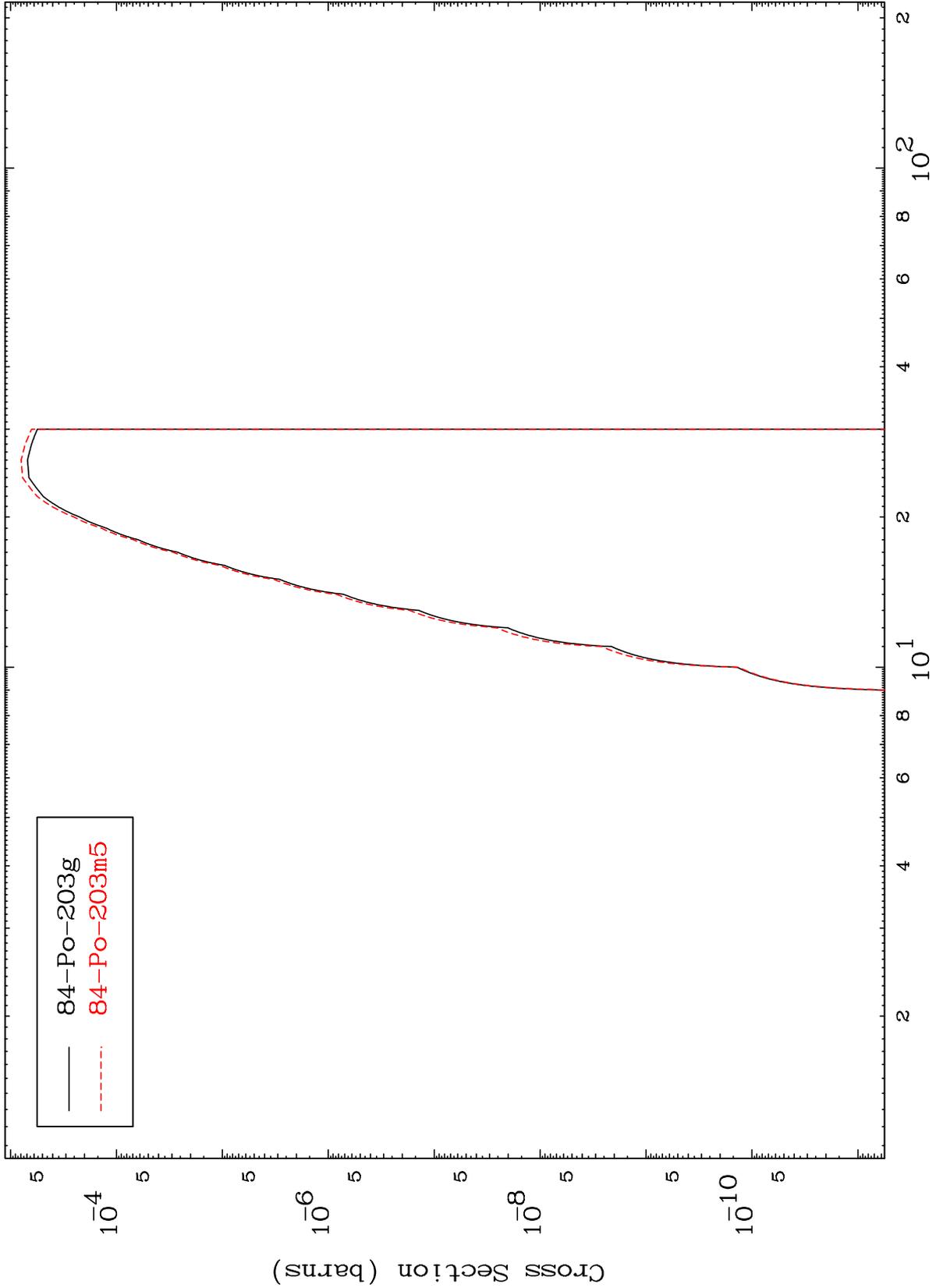
0 Kelvin Cross Sections



MAT 8216

82-Pb-201

Inelastic
Radionuclide Production Cross Section



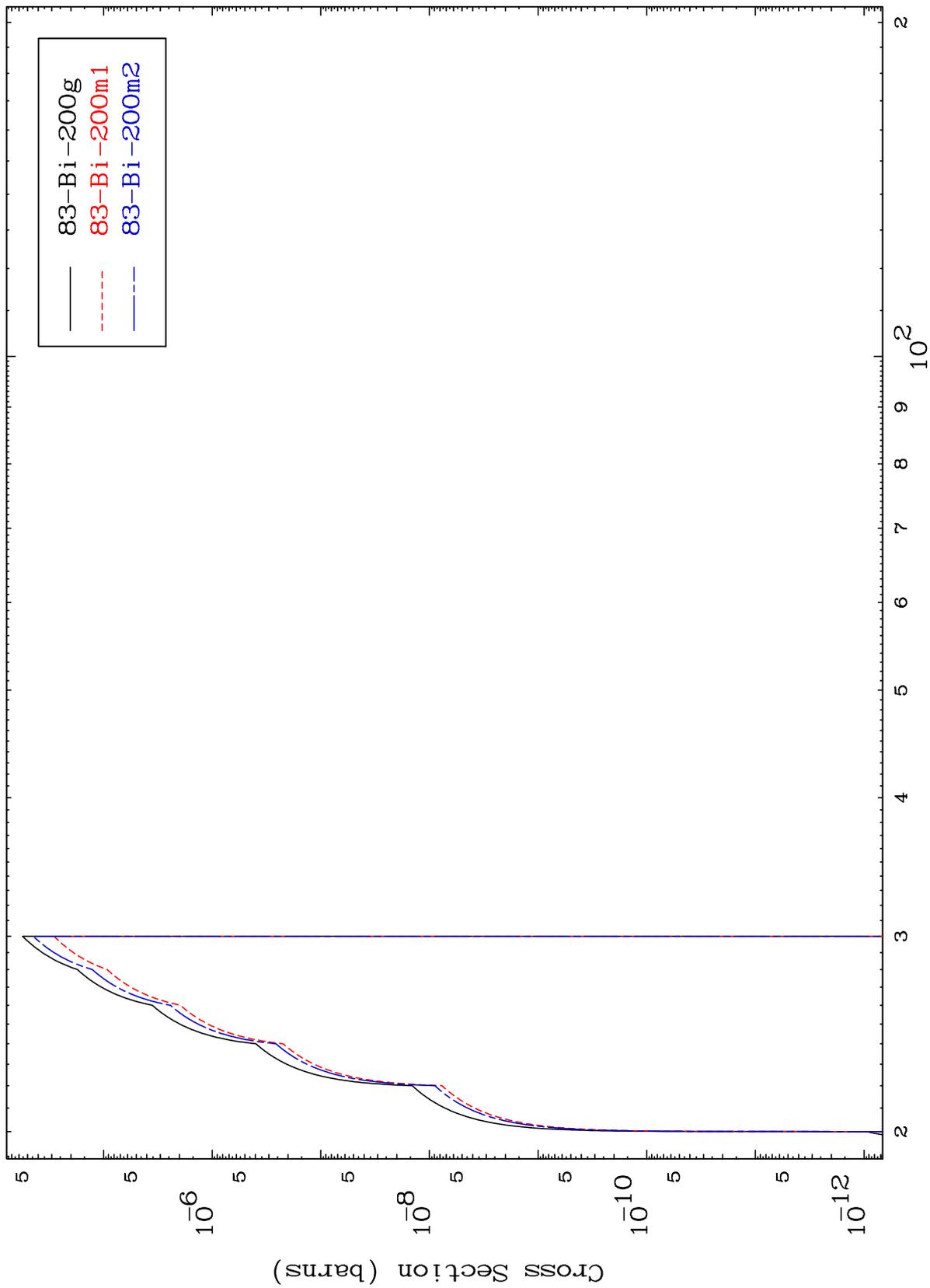
— ^{203}gPo
- - - $^{203}\text{m5Po}$

MAT 8216

(n,2n) d

82-Pb-201

Radionuclide Production Cross Section



13

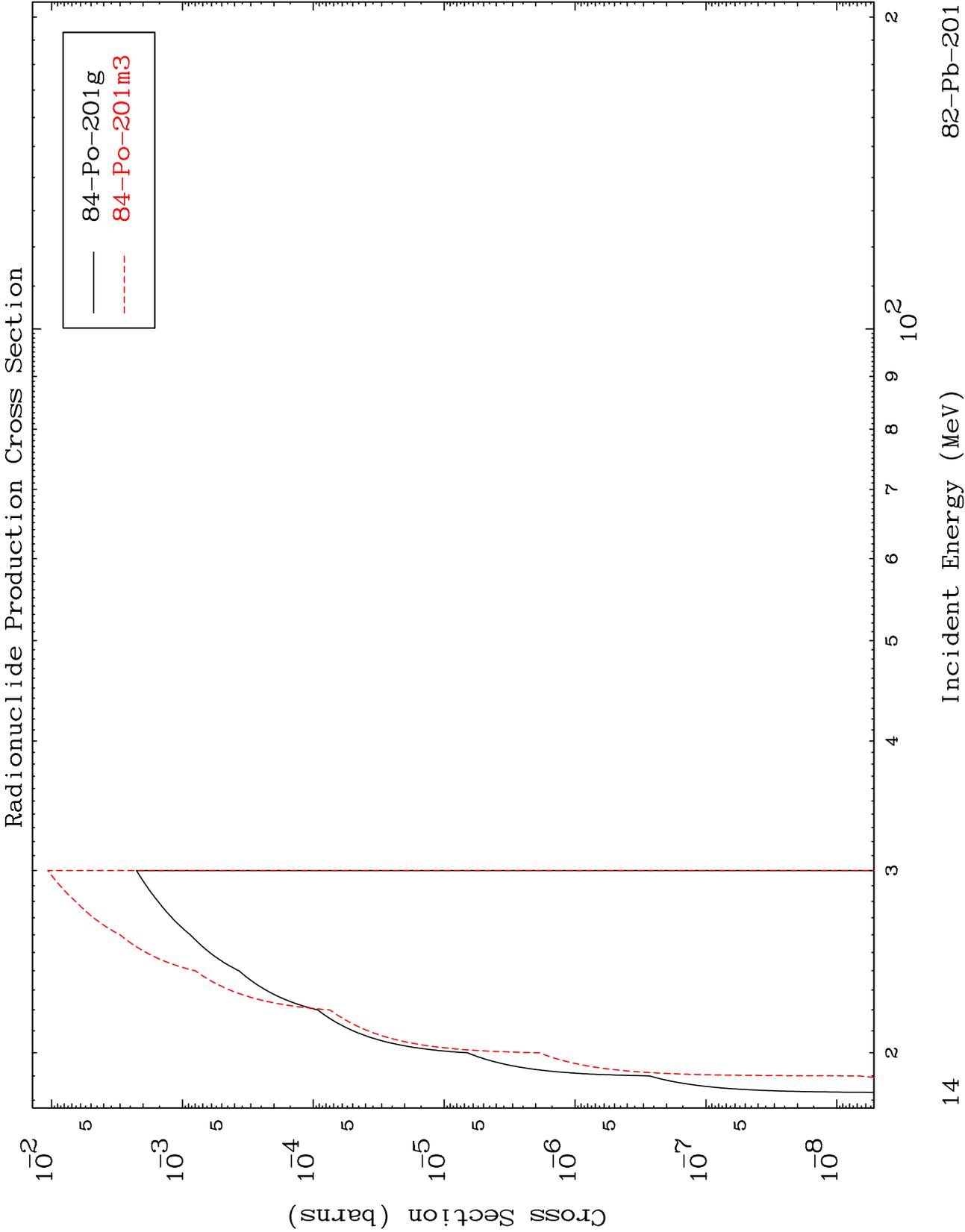
Incident Energy (MeV)

82-Pb-201

MAT 8216

(n,3n)

82-Pb-201



14

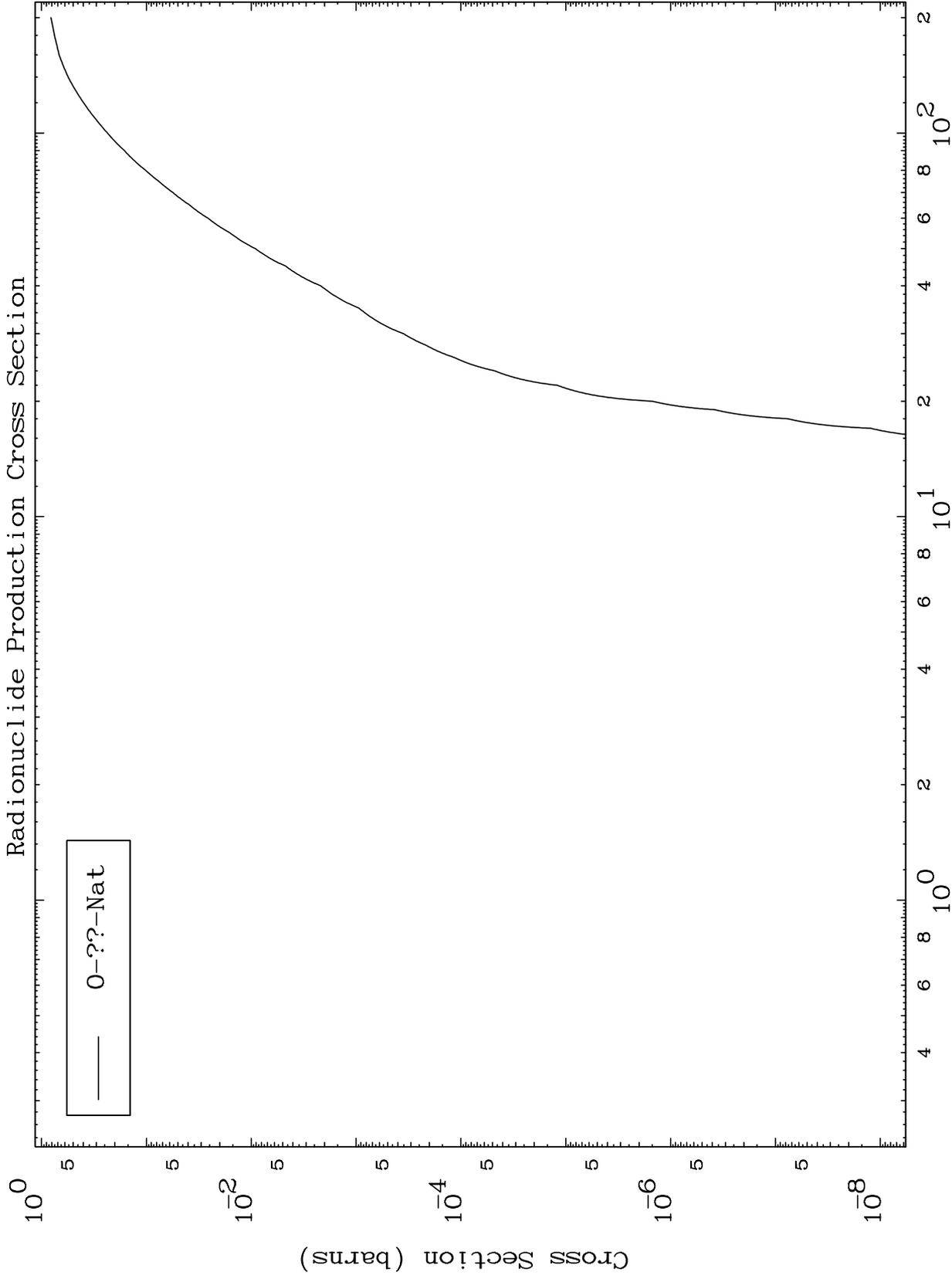
82-Pb-201

MAT 8216

Fission

82-Pb-201

Radionuclide Production Cross Section



15

82-Pb-201

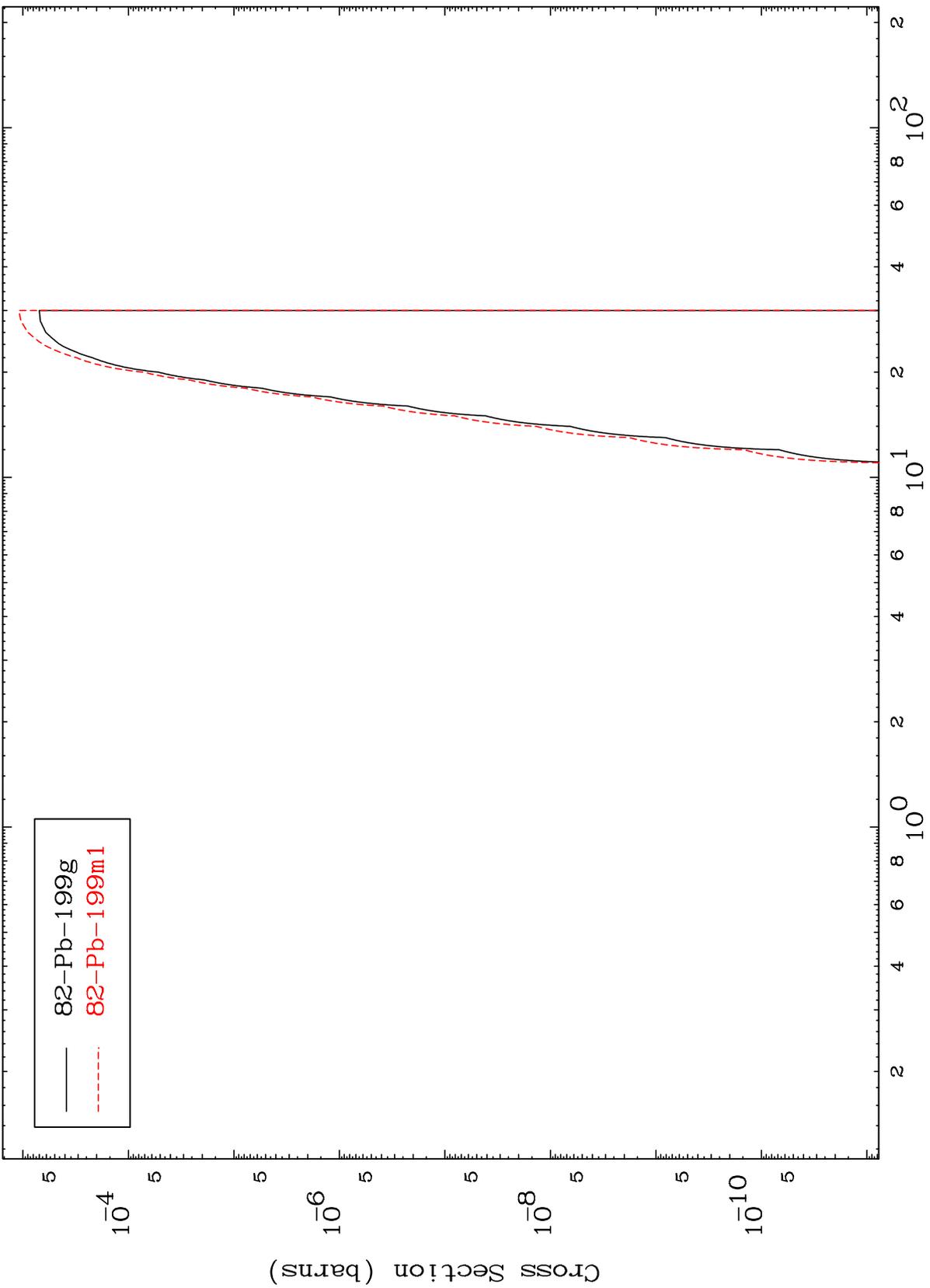
82-Pb-201

MAT 8216

(n,n') α

82-Pb-201

Radionuclide Production Cross Section



— 82-Pb-199g
- - - 82-Pb-199m1

16

Incident Energy (MeV)

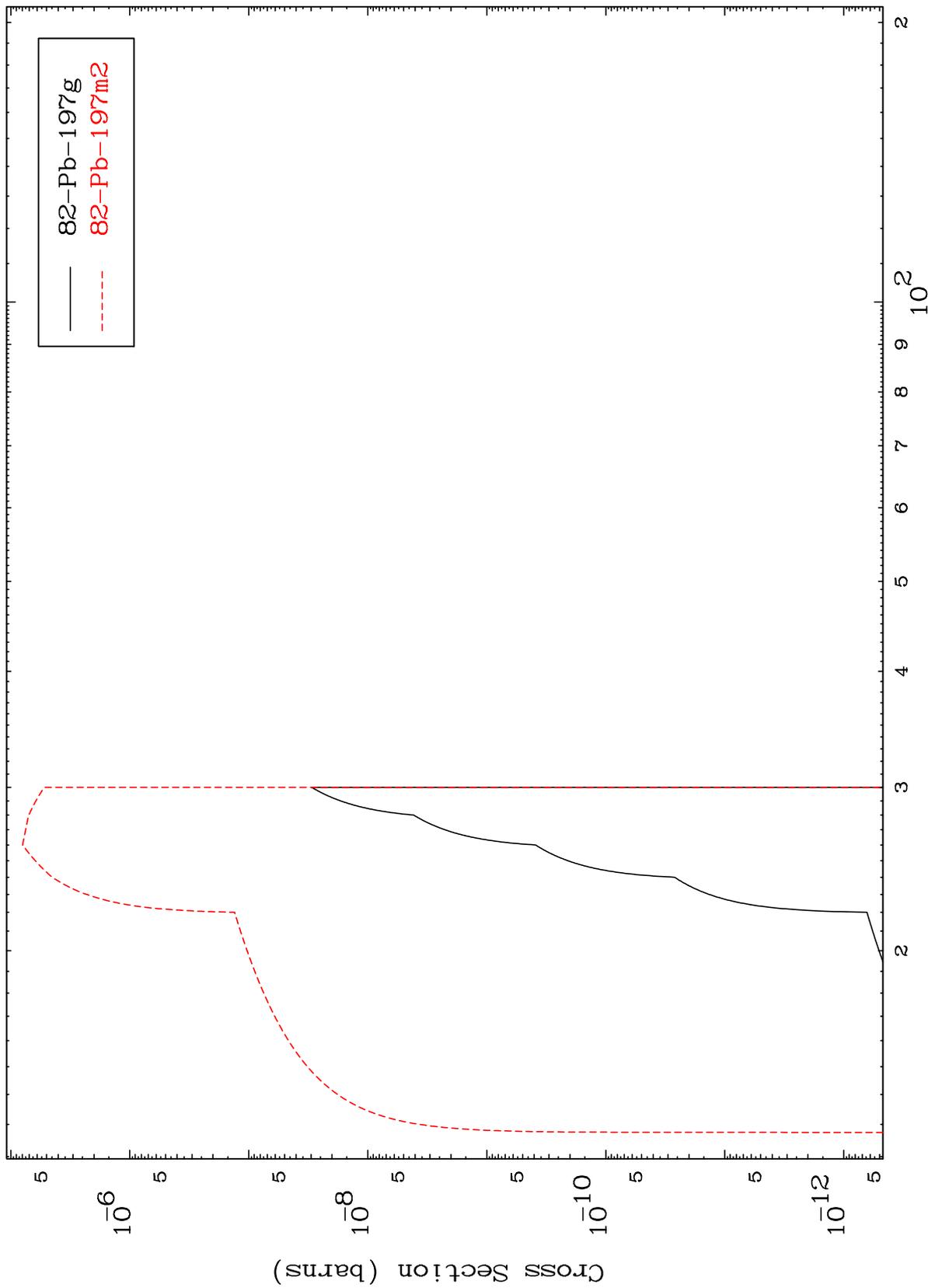
82-Pb-201

MAT 8216

(n,3n) α

82-Pb-201

Radionuclide Production Cross Section



17

Incident Energy (MeV)

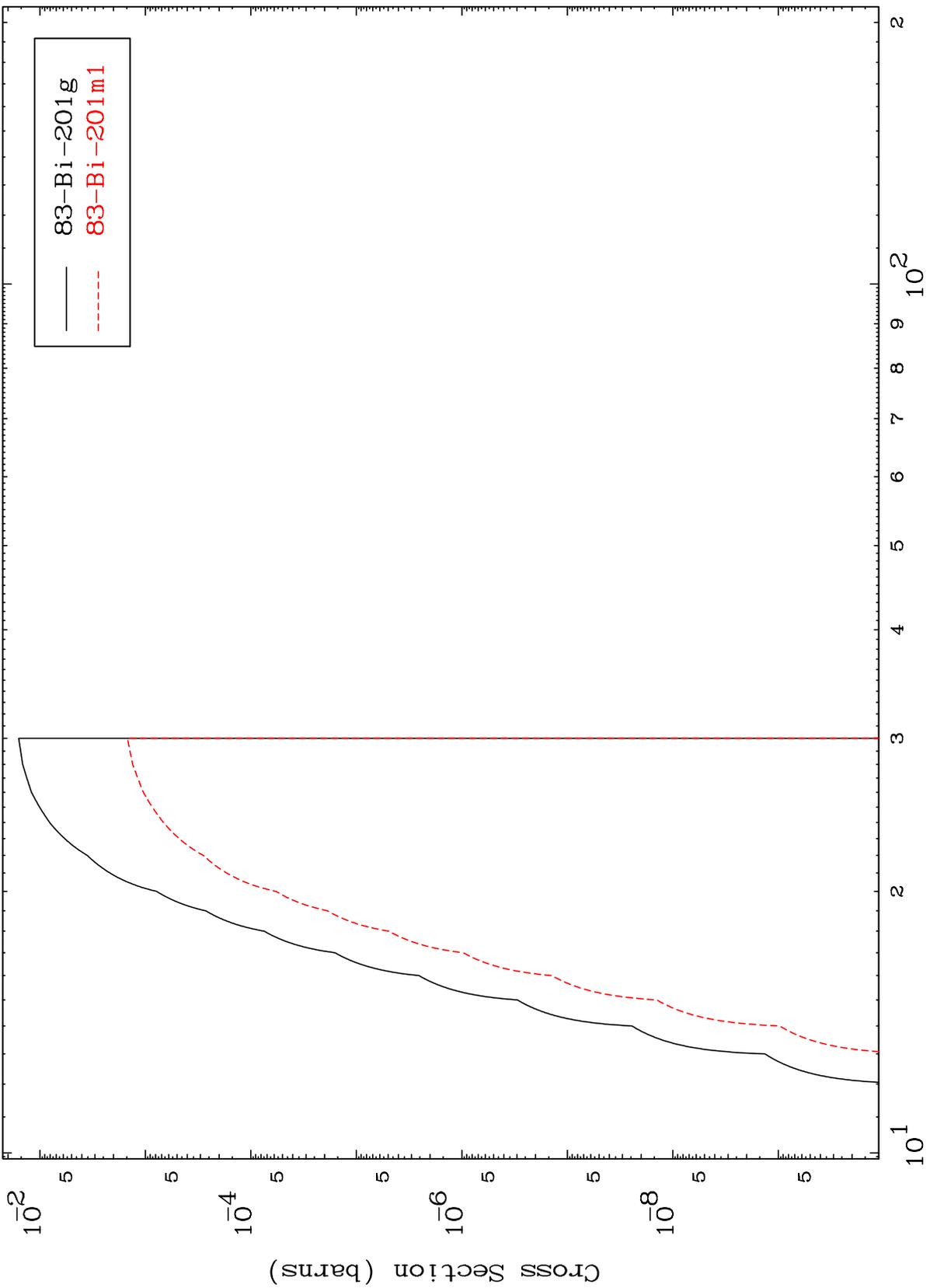
82-Pb-201

MAT 8216

(n,n') d

82-Pb-201

Radionuclide Production Cross Section



18

Incident Energy (MeV)

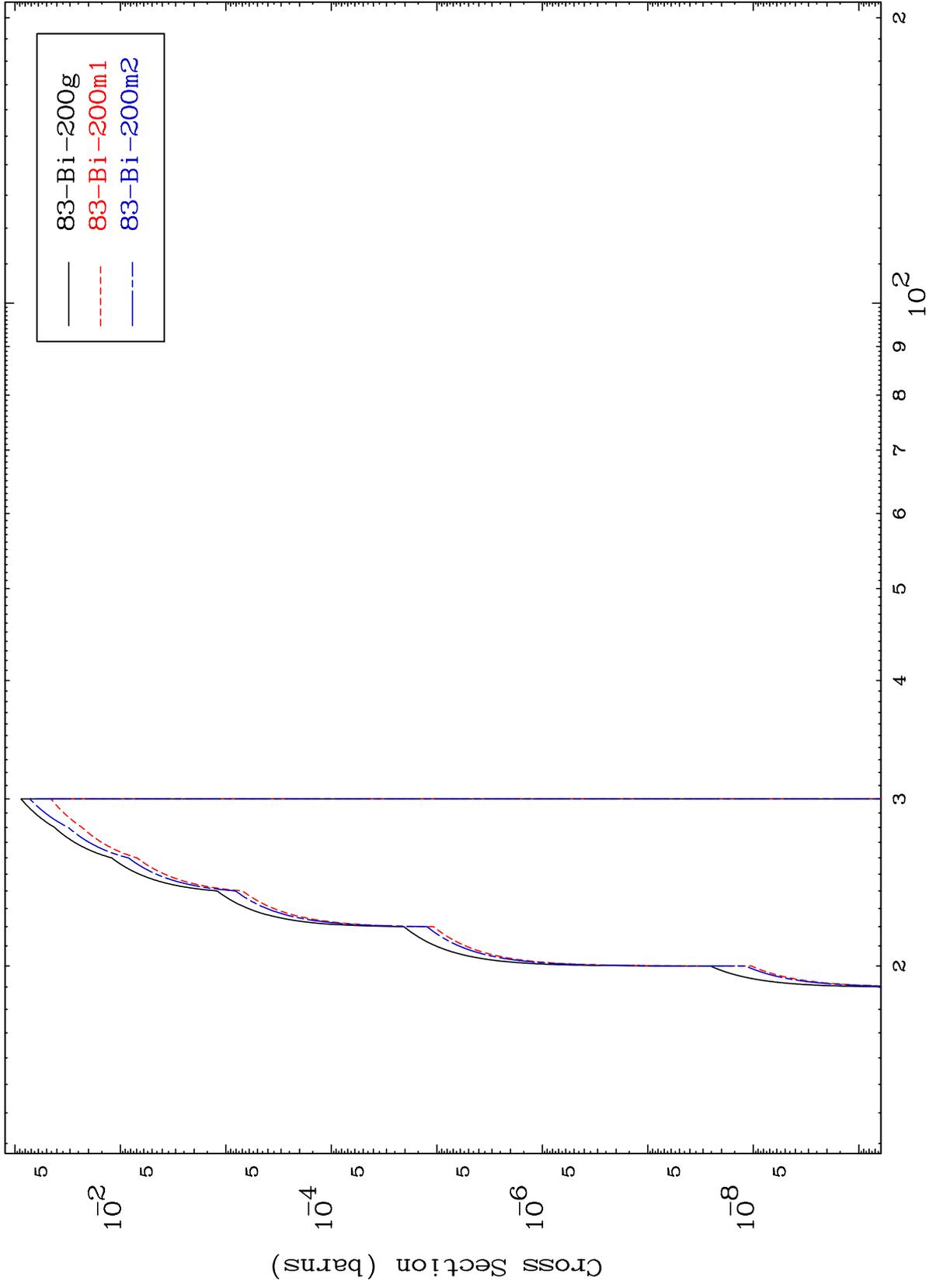
82-Pb-201

MAT 8216

(n,n') t

82-Pb-201

Radionuclide Production Cross Section



19

Incident Energy (MeV)

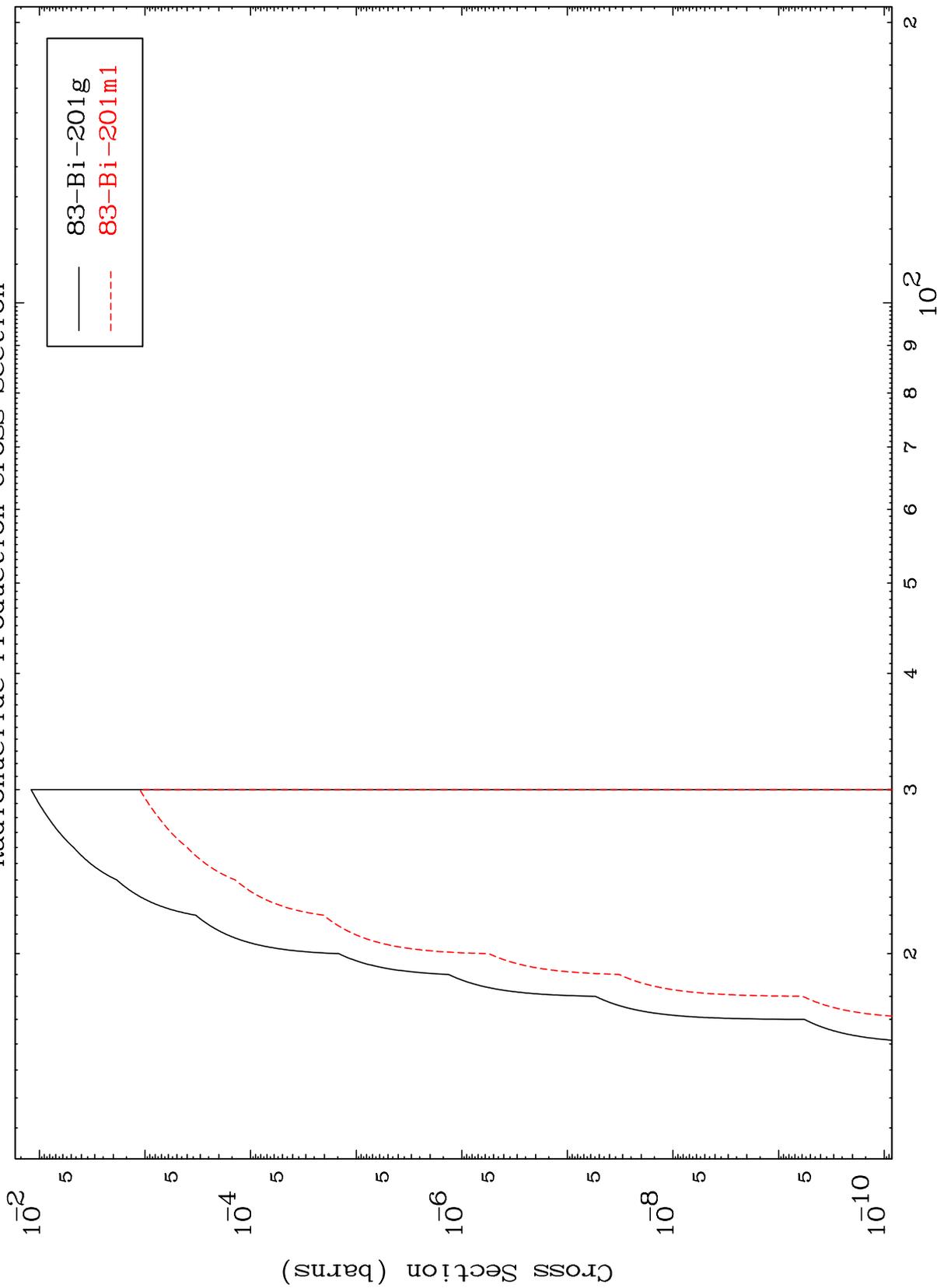
82-Pb-201

MAT 8216

(n,2n) p

82-Pb-201

Radionuclide Production Cross Section

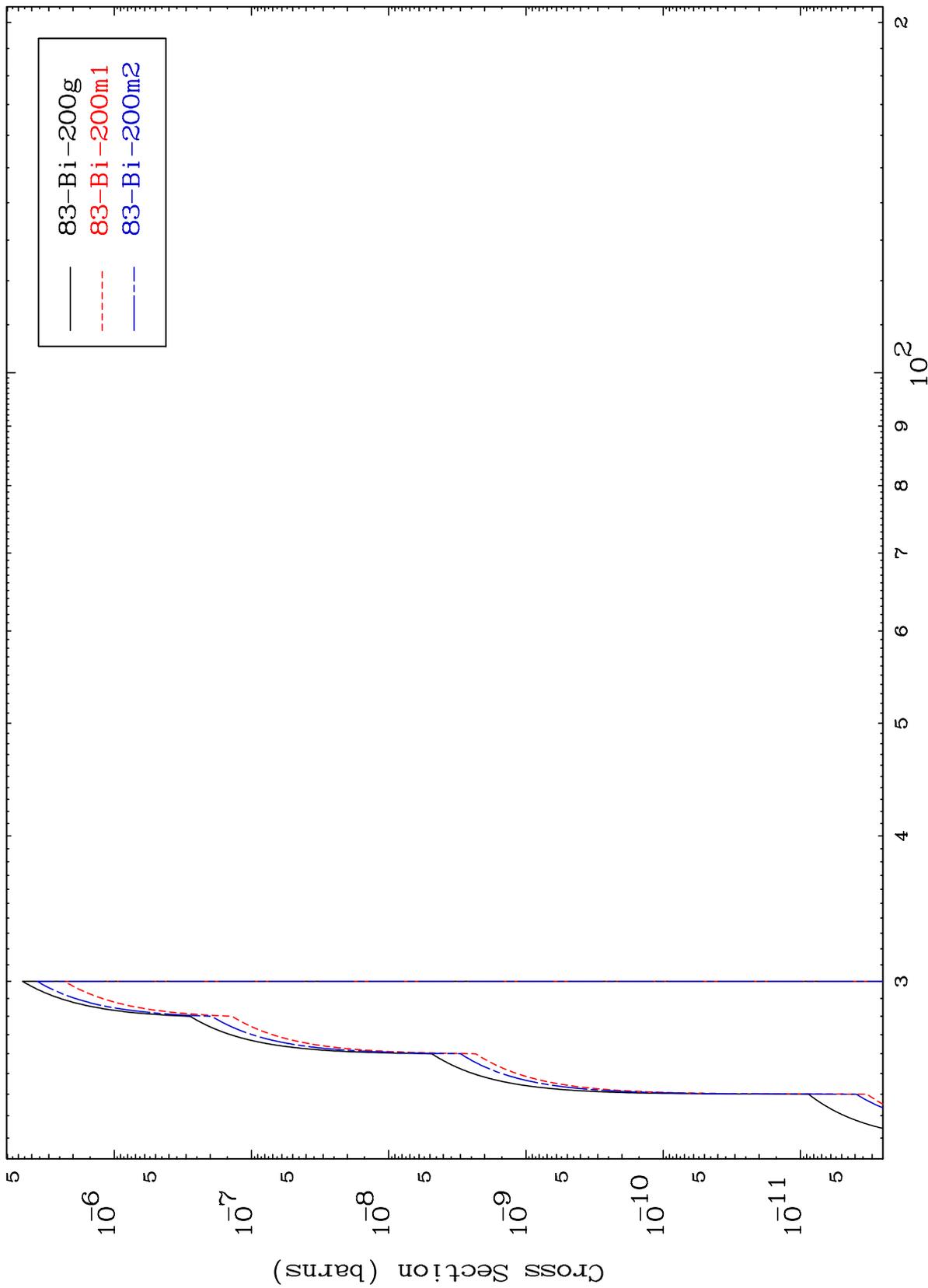


20

Incident Energy (MeV)

82-Pb-201

Radionuclide Production Cross Section

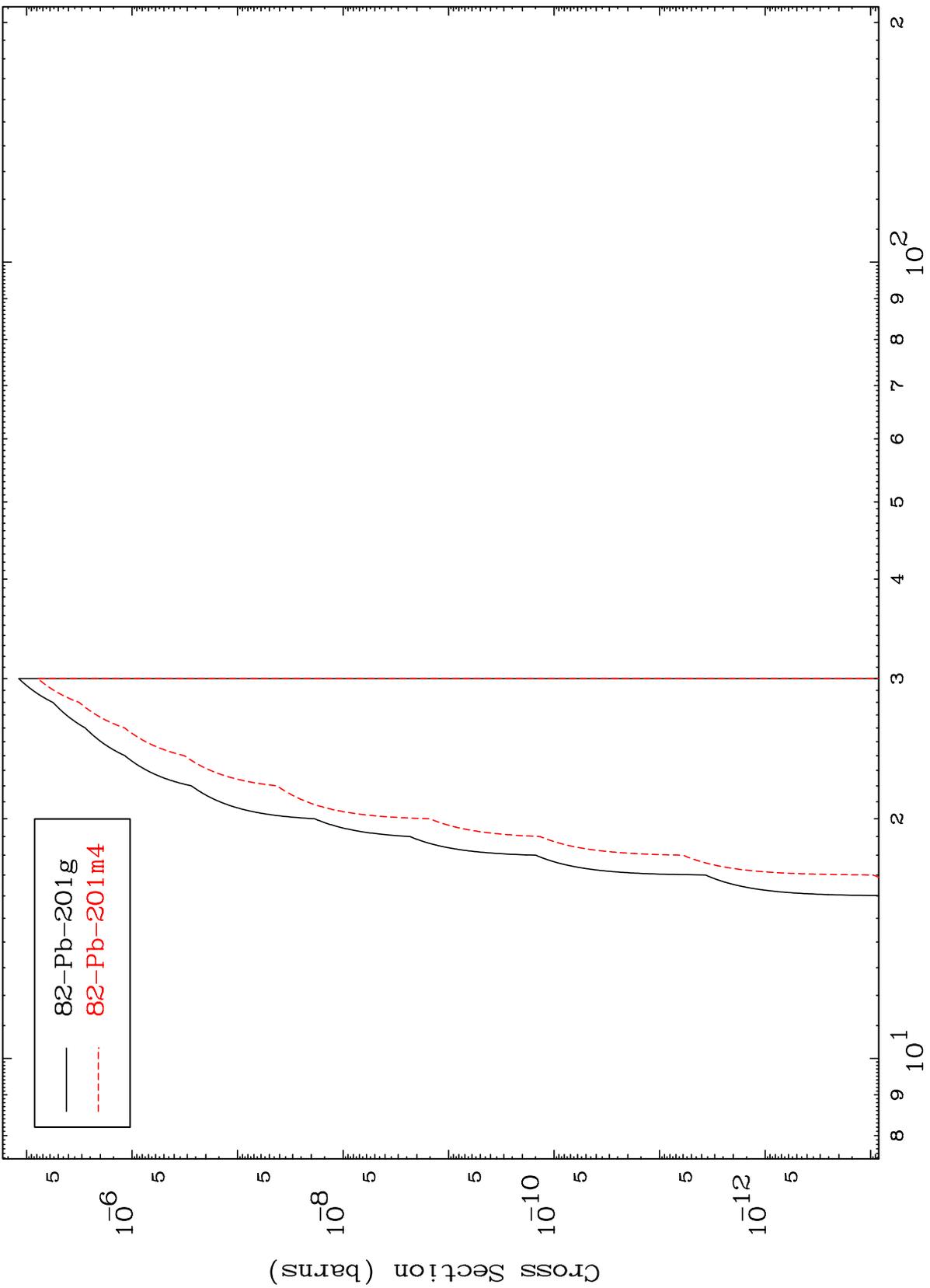


MAT 8216

(n,2n) p

82-Pb-201

Radionuclide Production Cross Section



22

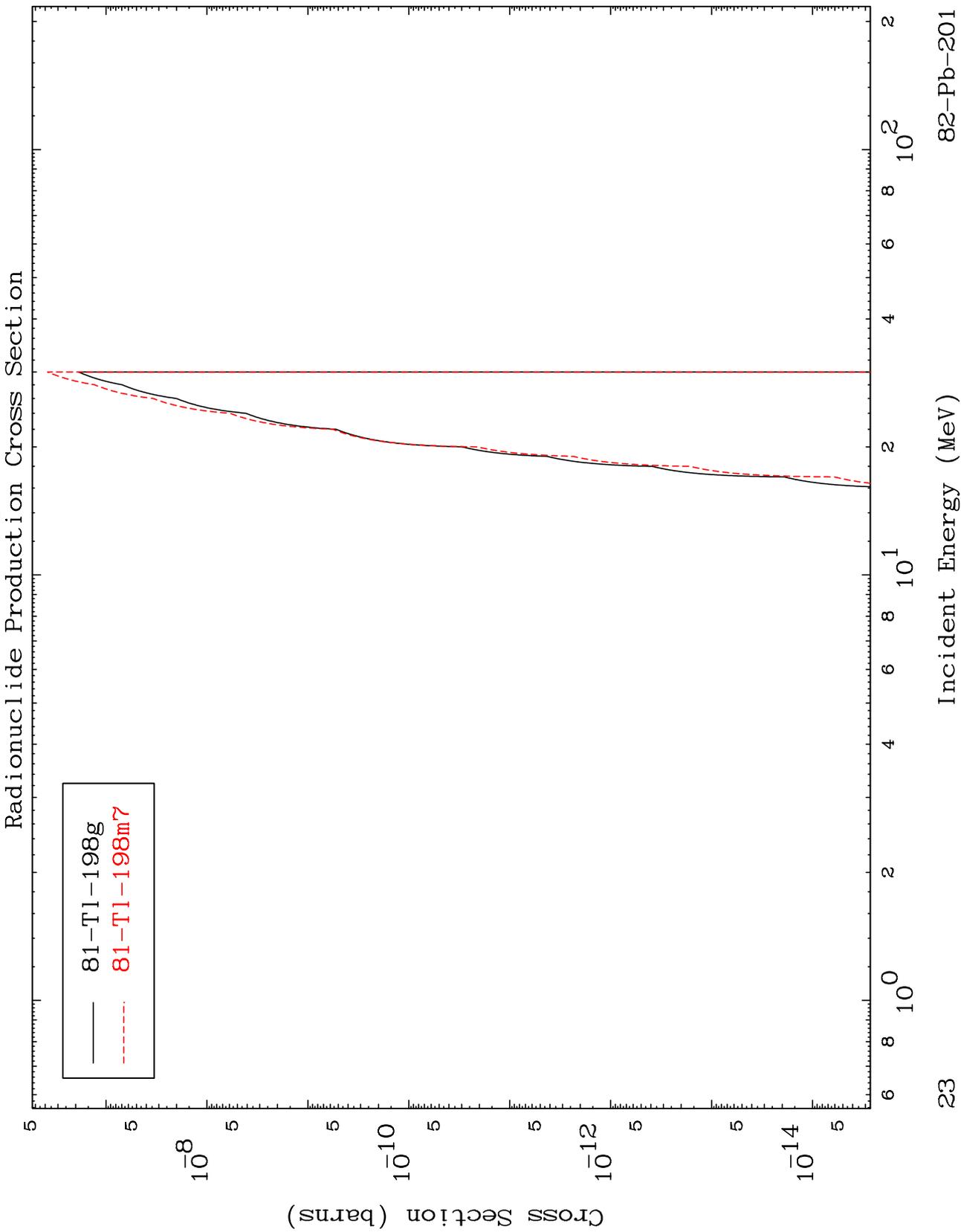
Incident Energy (MeV)

82-Pb-201

MAT 8216

(n,n') p α

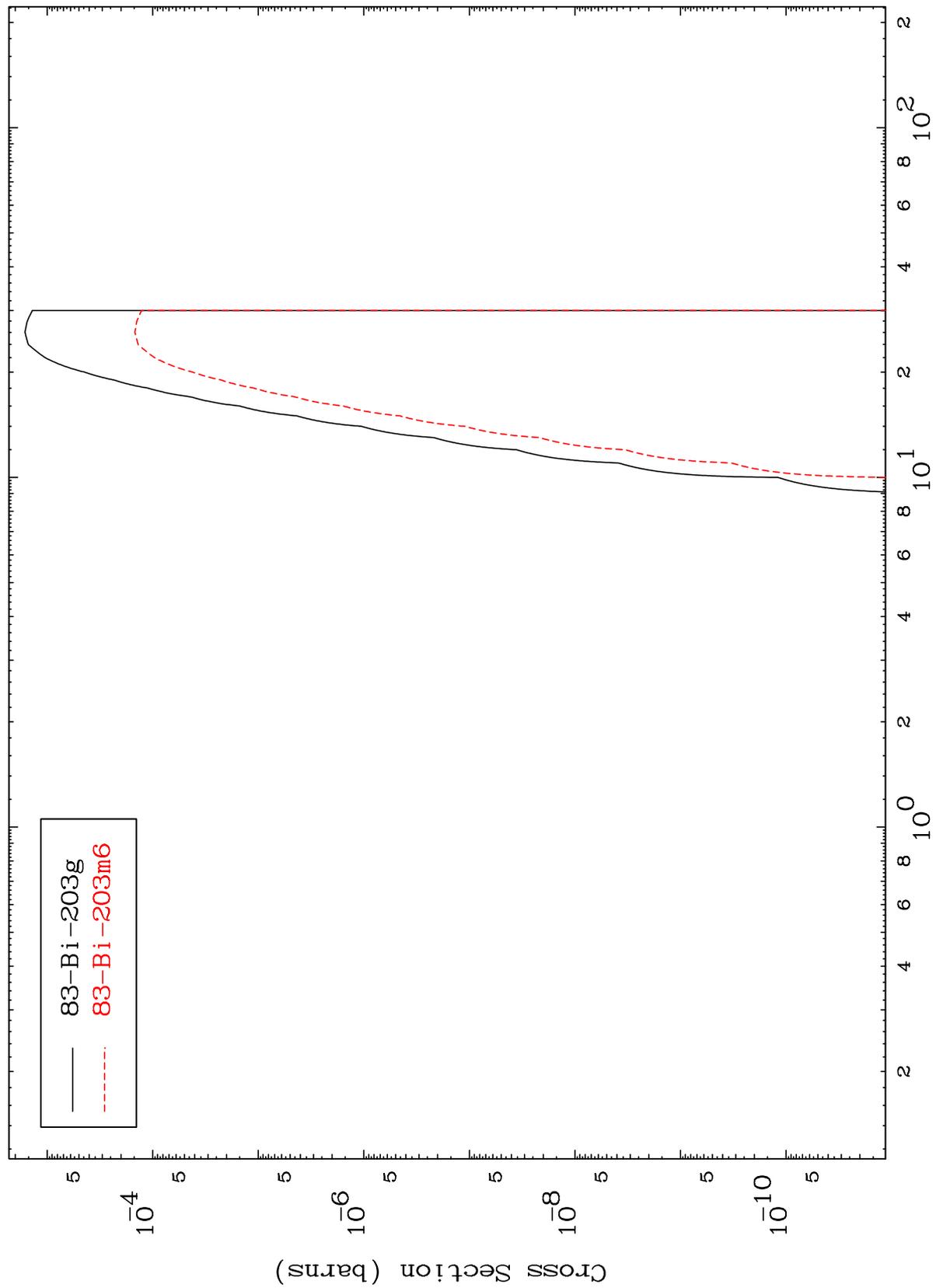
82-Pb-201



MAT 8216

82-Pb-201

(n,p)
Radionuclide Production Cross Section



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

24

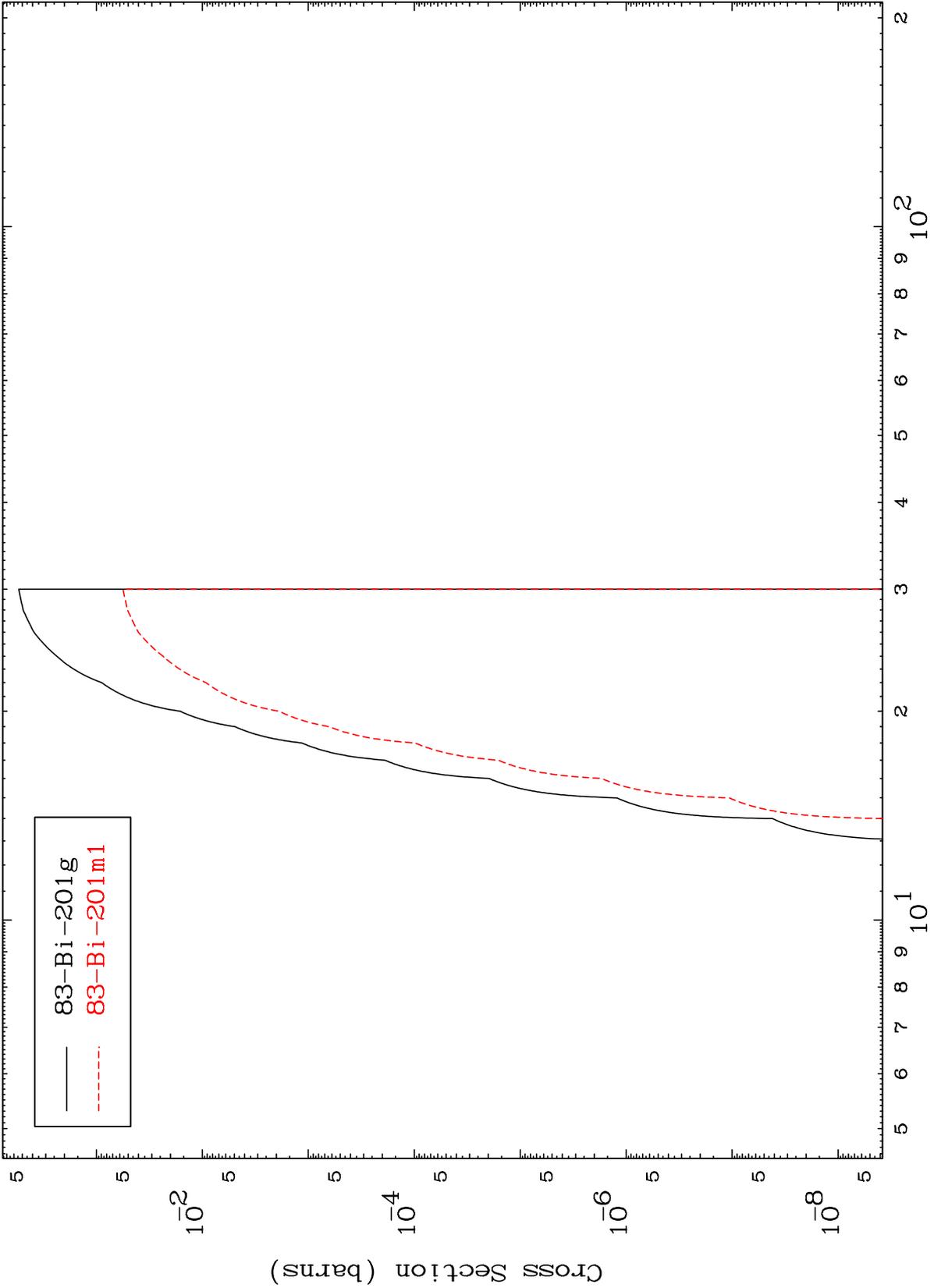
82-Pb-201

Incident Energy (MeV)

MAT 8216

82-Pb-201

(n, t)
Radionuclide Production Cross Section



25

Incident Energy (MeV)

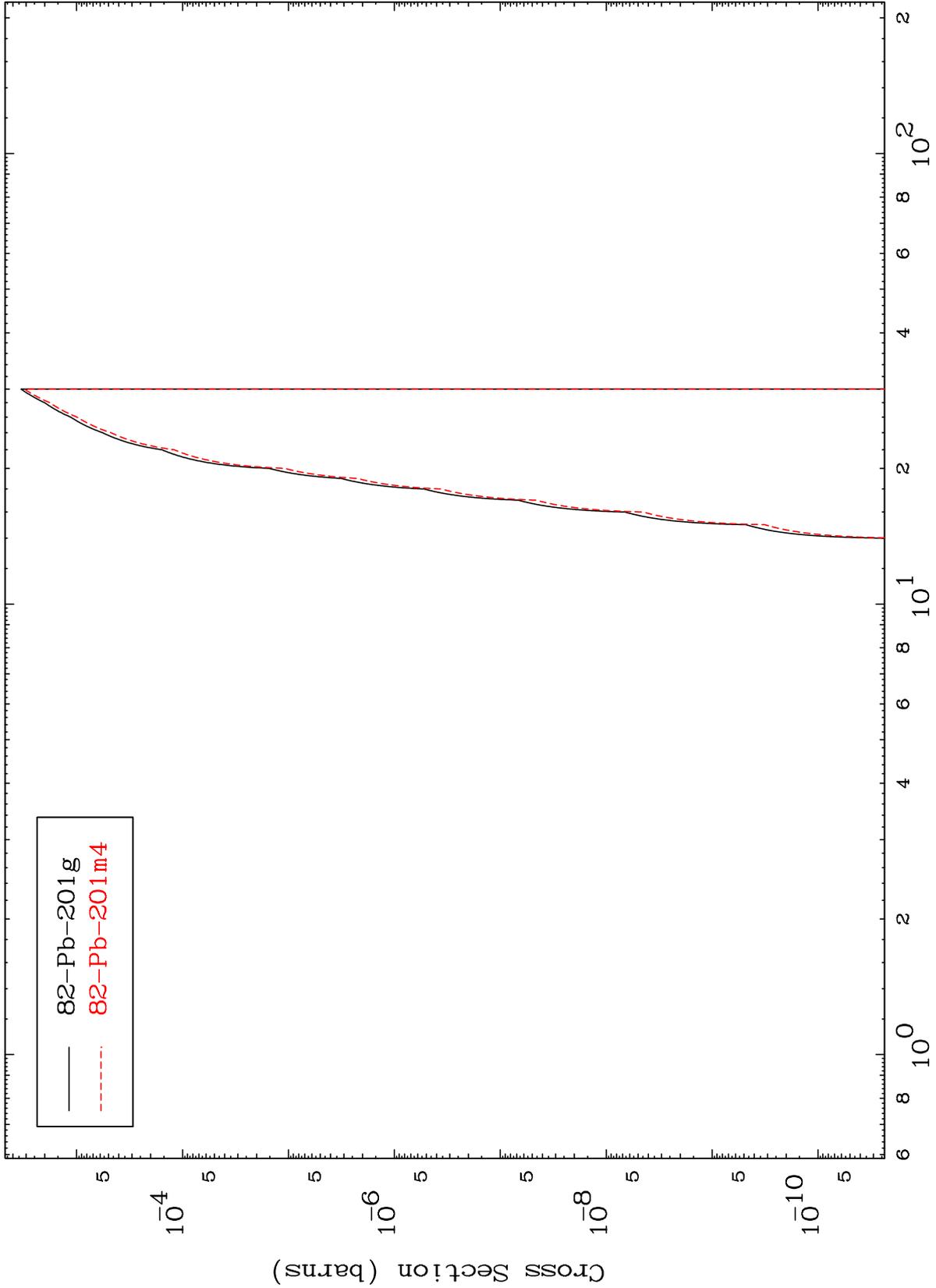
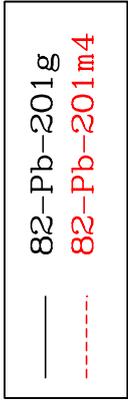
82-Pb-201

MAT 8216

(n,He-3)

82-Pb-201

Radionuclide Production Cross Section



26

Incident Energy (MeV)

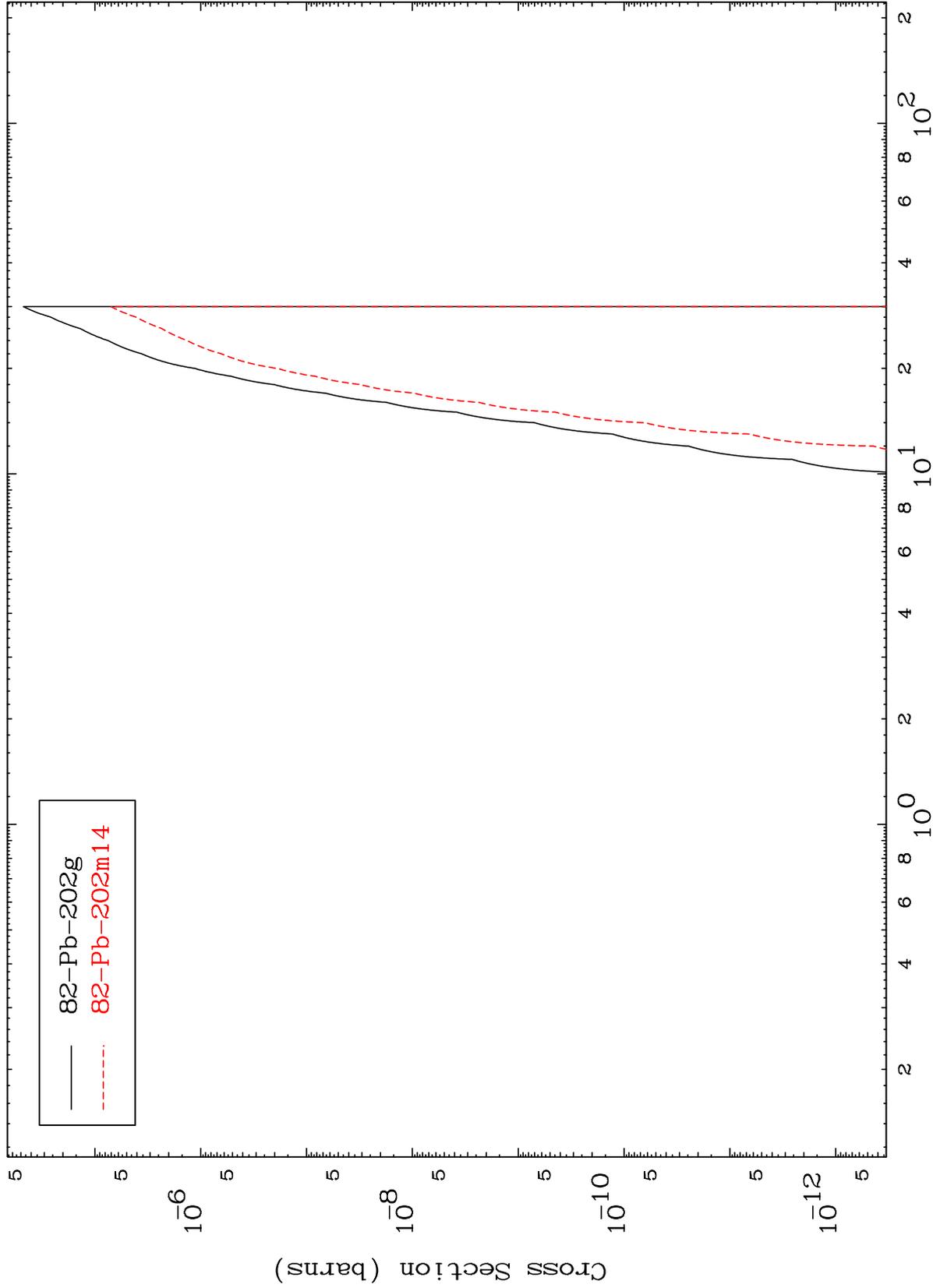
82-Pb-201

MAT 8216

82-Pb-201

(n,2p)

Radionuclide Production Cross Section



27

Incident Energy (MeV)

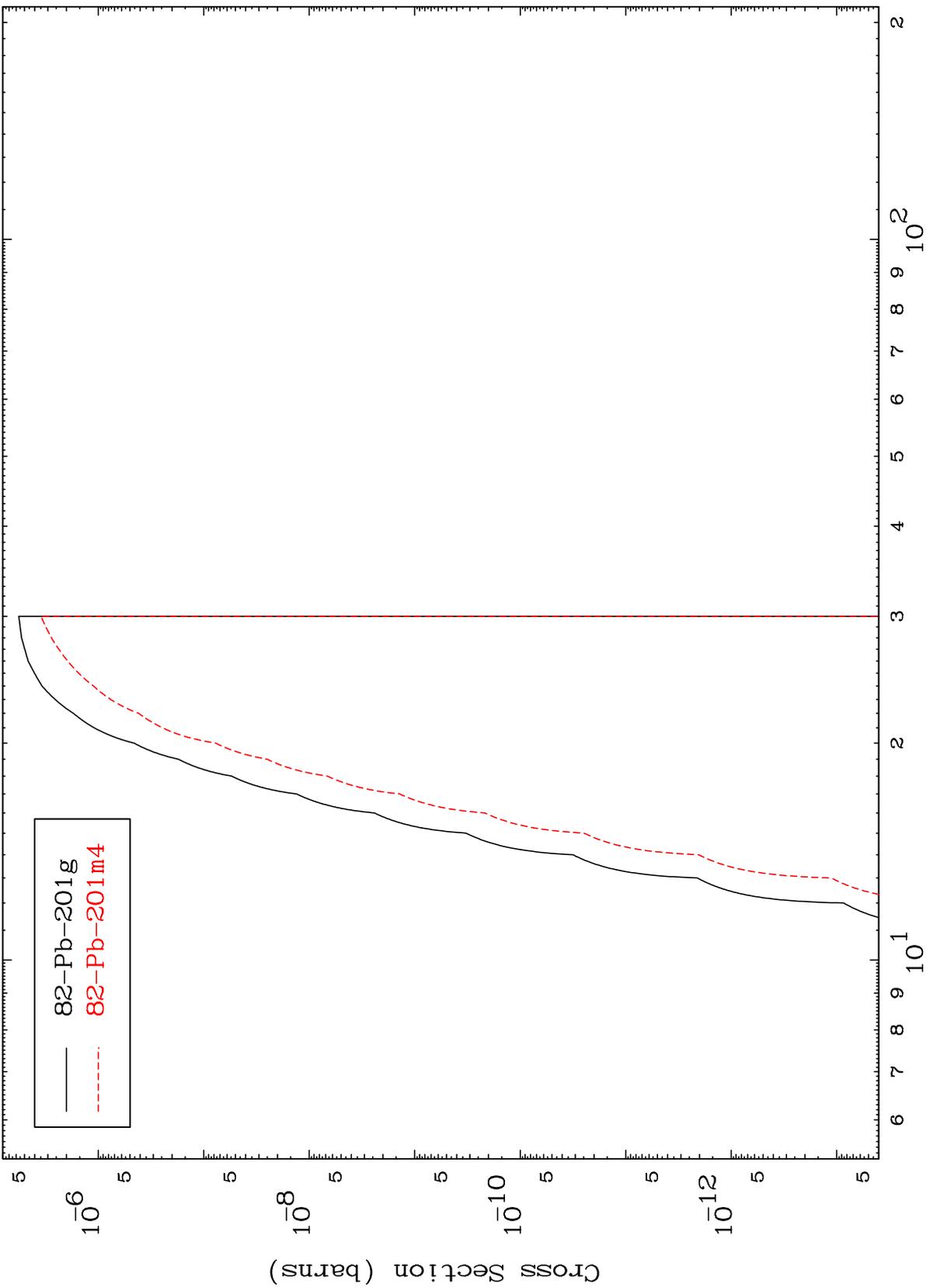
82-Pb-201

MAT 8216

(n,p) d

82-Pb-201

Radionuclide Production Cross Section



82-Pb-201g
82-Pb-201m4

28

Incident Energy (MeV)

82-Pb-201

MAT 8216

(n,d) α

82-Pb-201

