

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

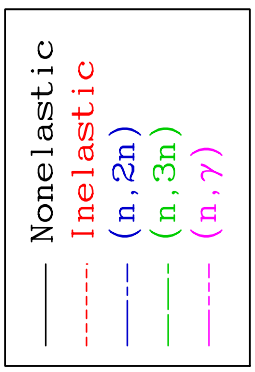
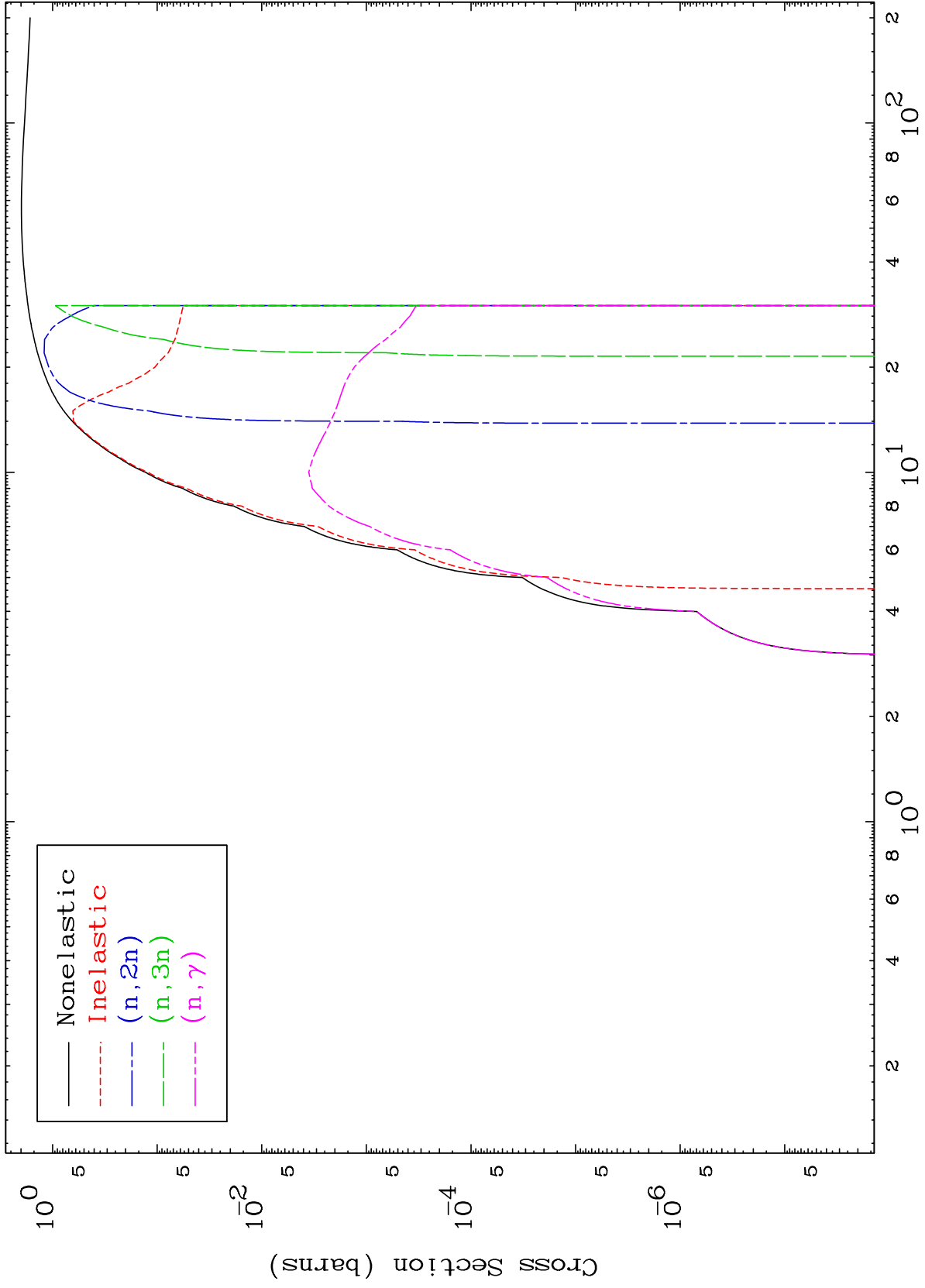
Press Mouse Button to Start

MAT 8216

Proton Major

82-Pb-201

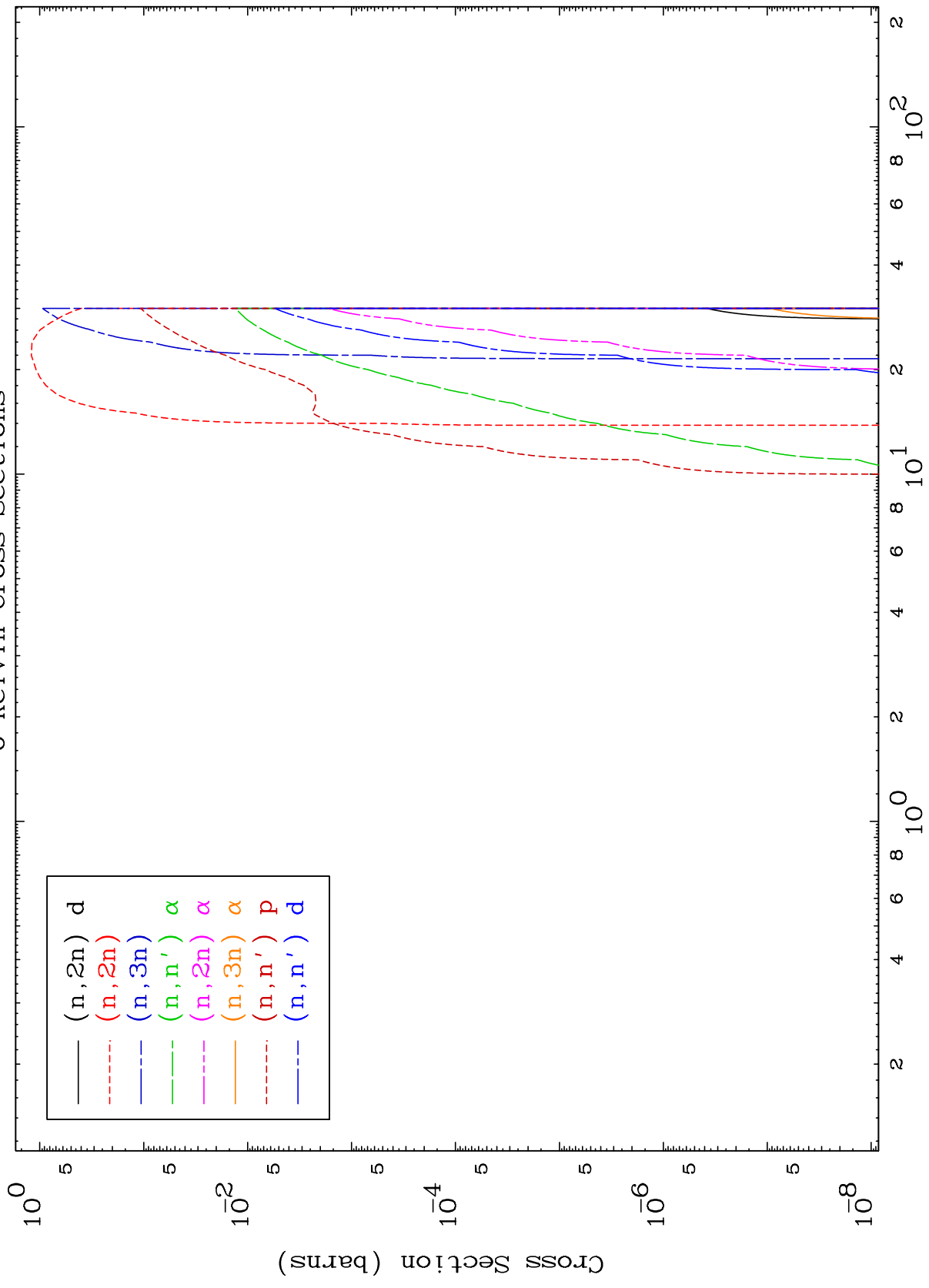
0 Kelvin Cross Sections

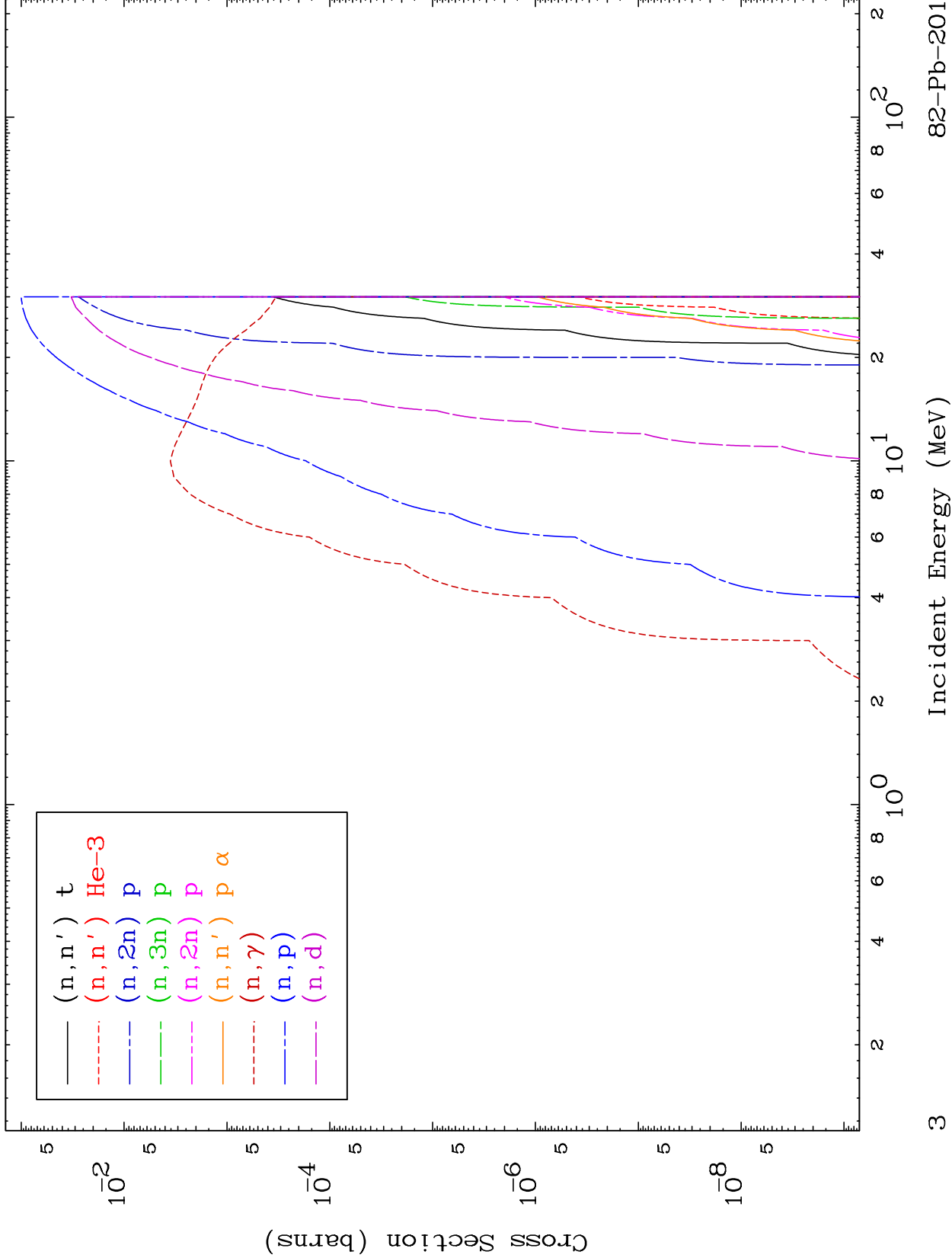


MAT 8216

Proton Neutron Absorption
0 Kelvin Cross Sections

82-Pb-201

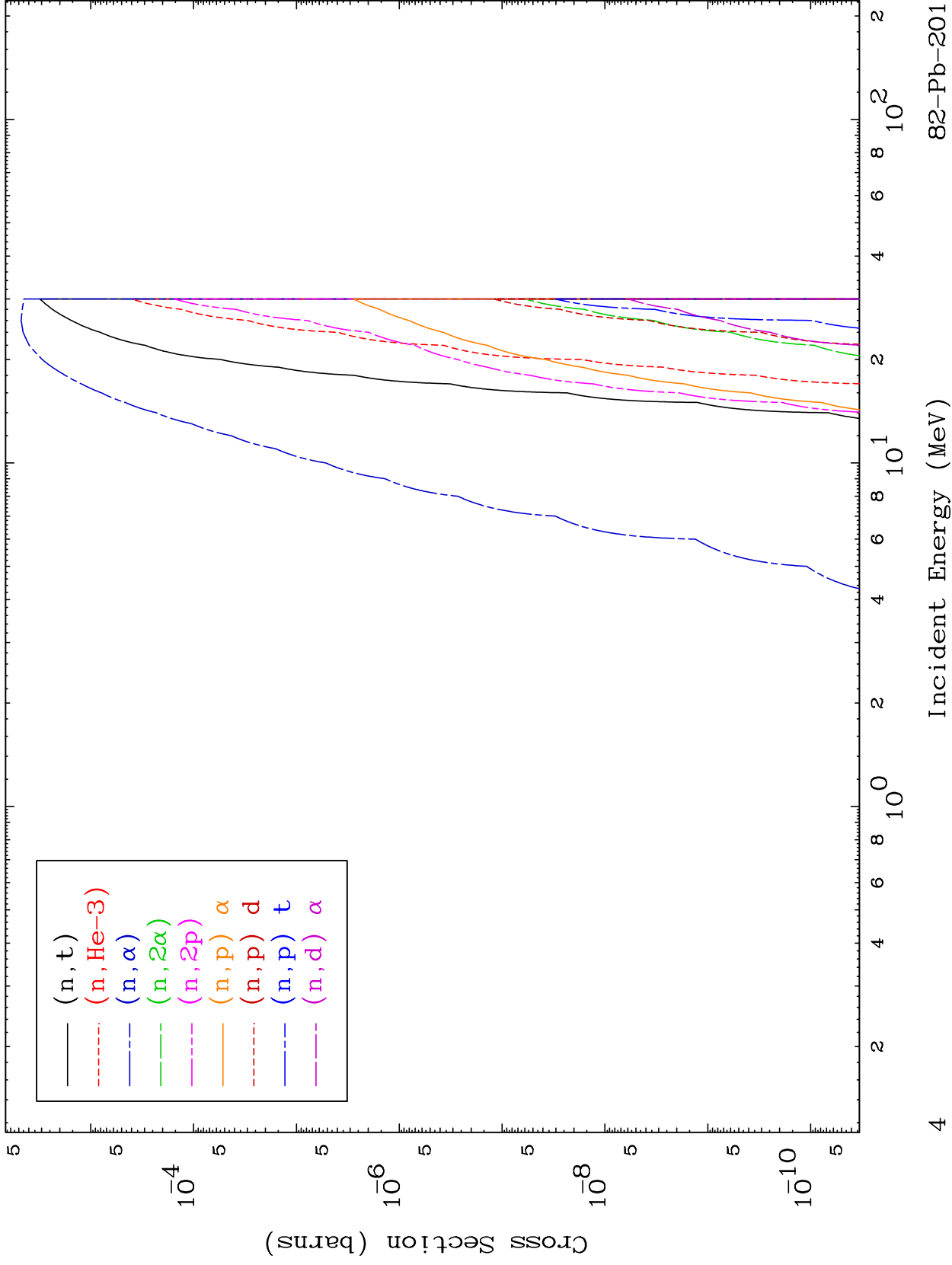




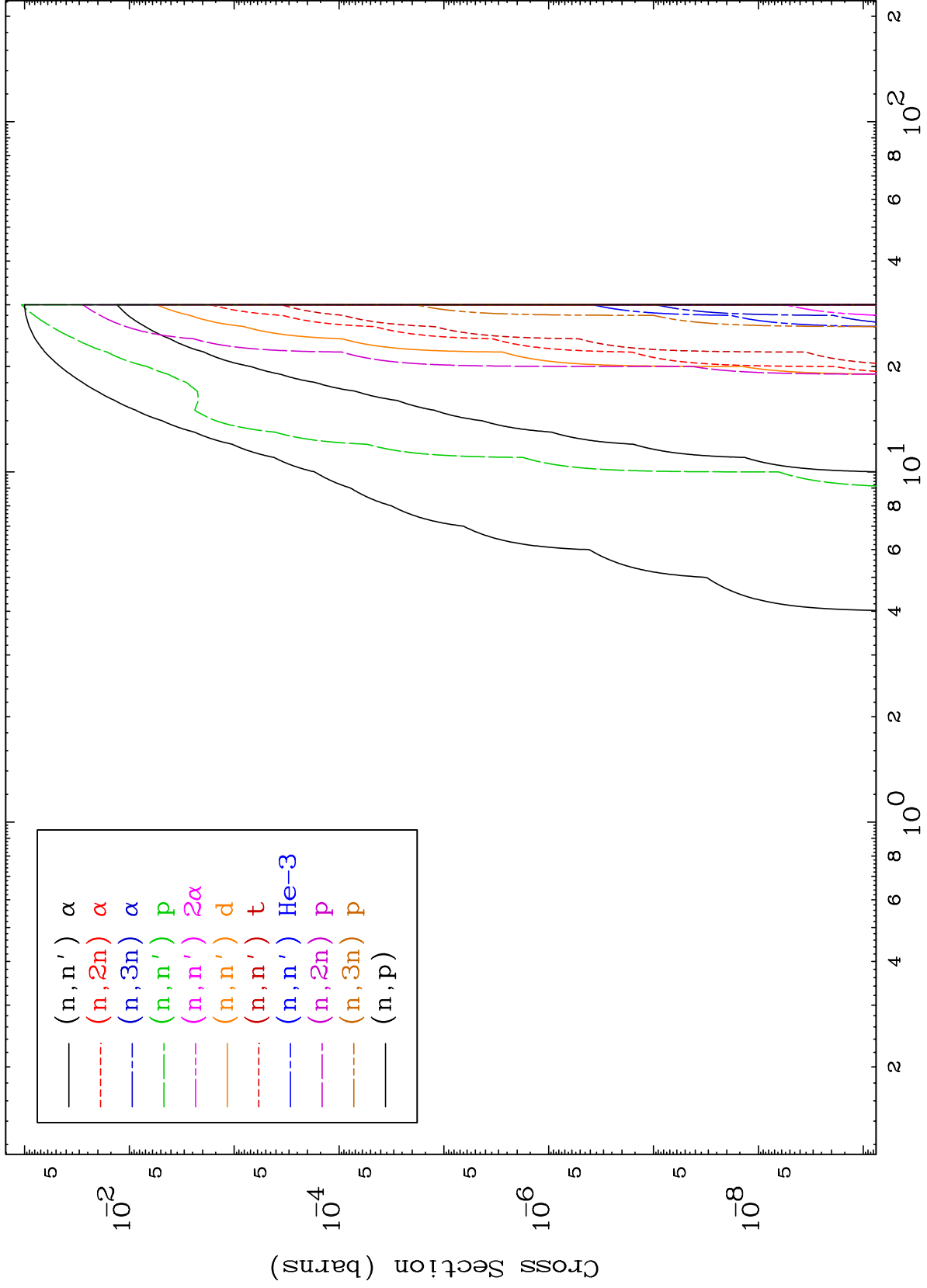
MAT 8216

Proton Neutron Absorption
0 Kelvin Cross Sections

82-Pb-201



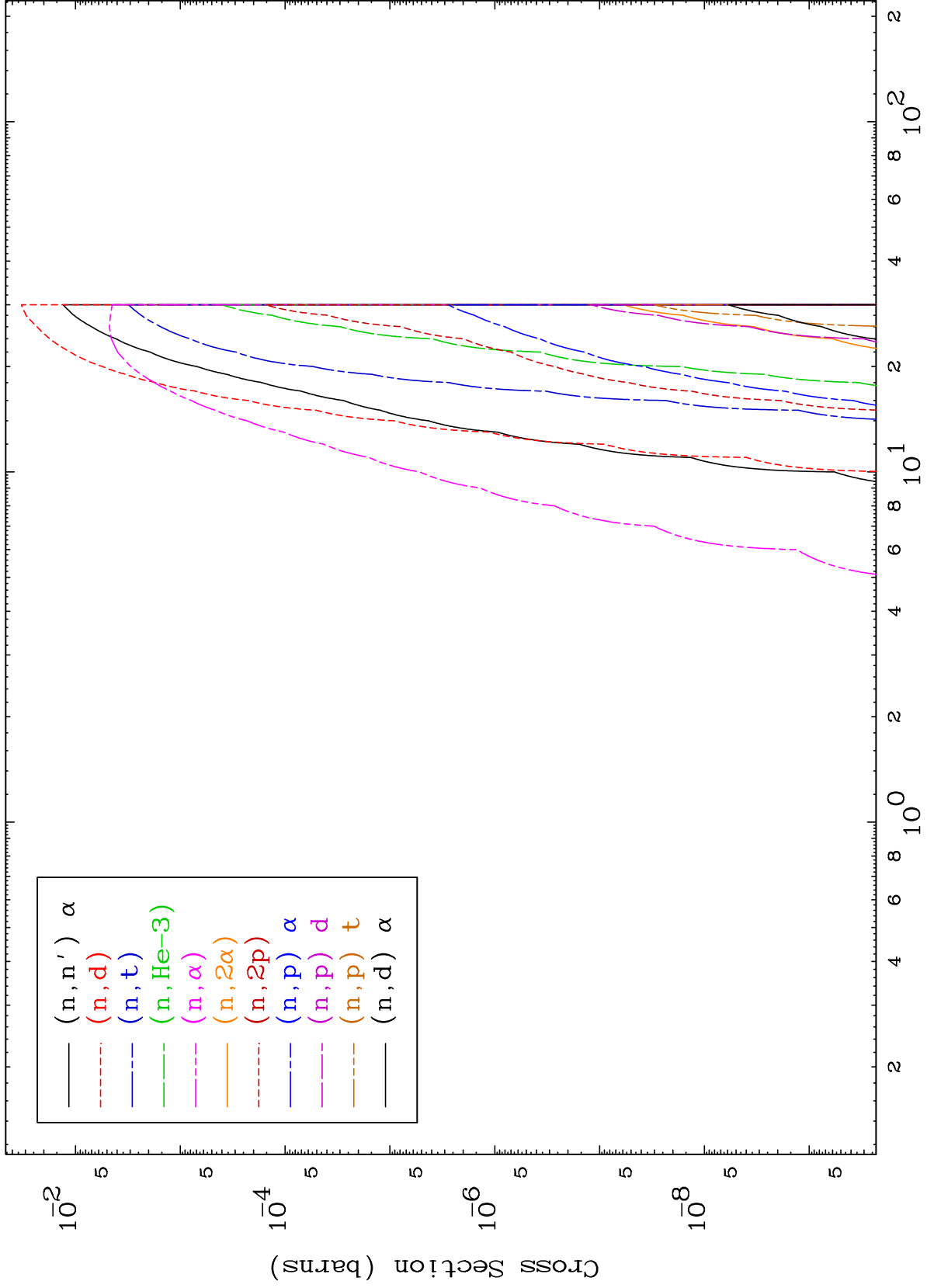
82-Pb-201



MAT 8216

Proton Charged Particle
0 Kelvin Cross Sections

82-Pb-201

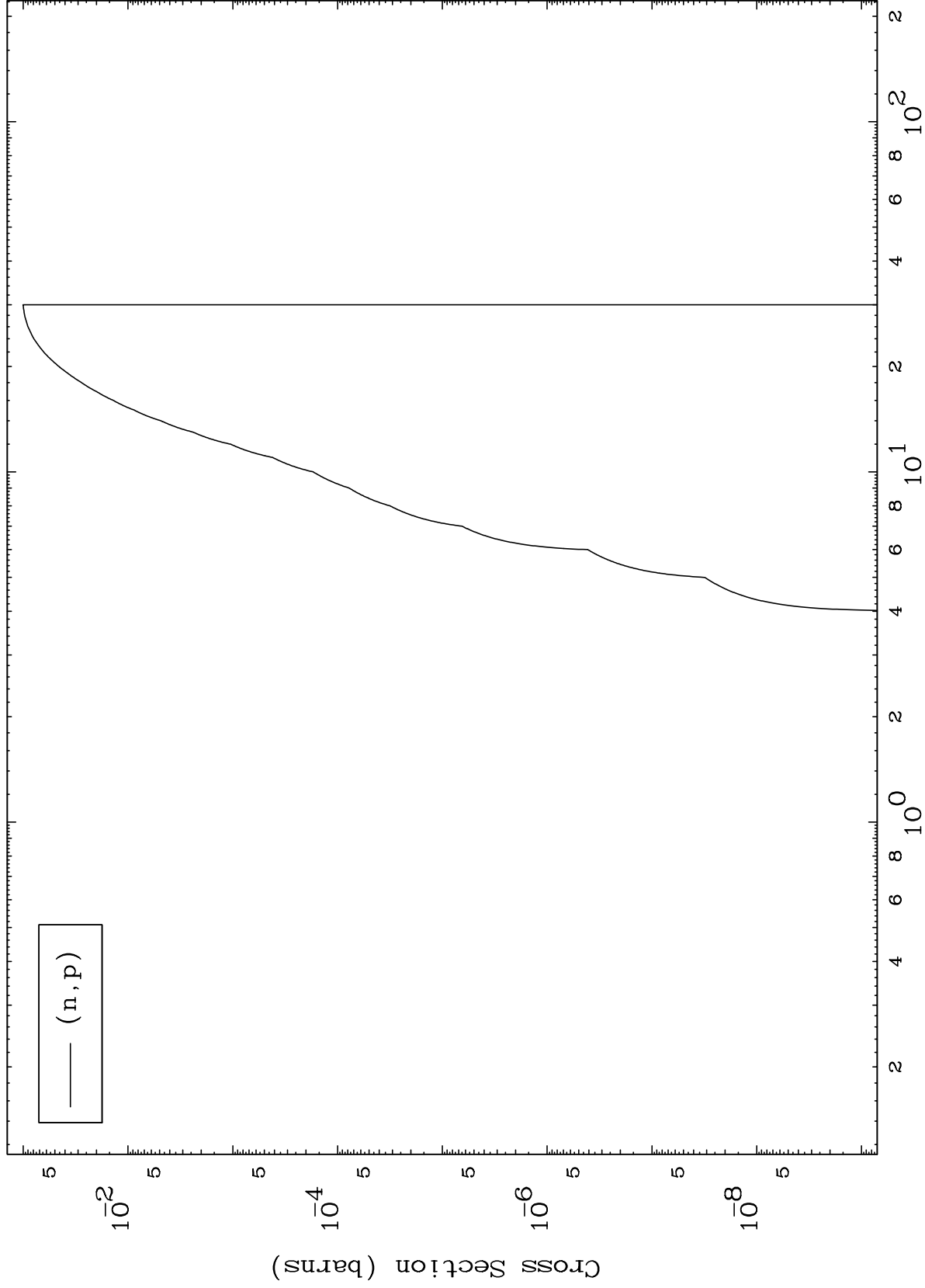


MAT 8216

(p,p) Levels

82-Pb-201

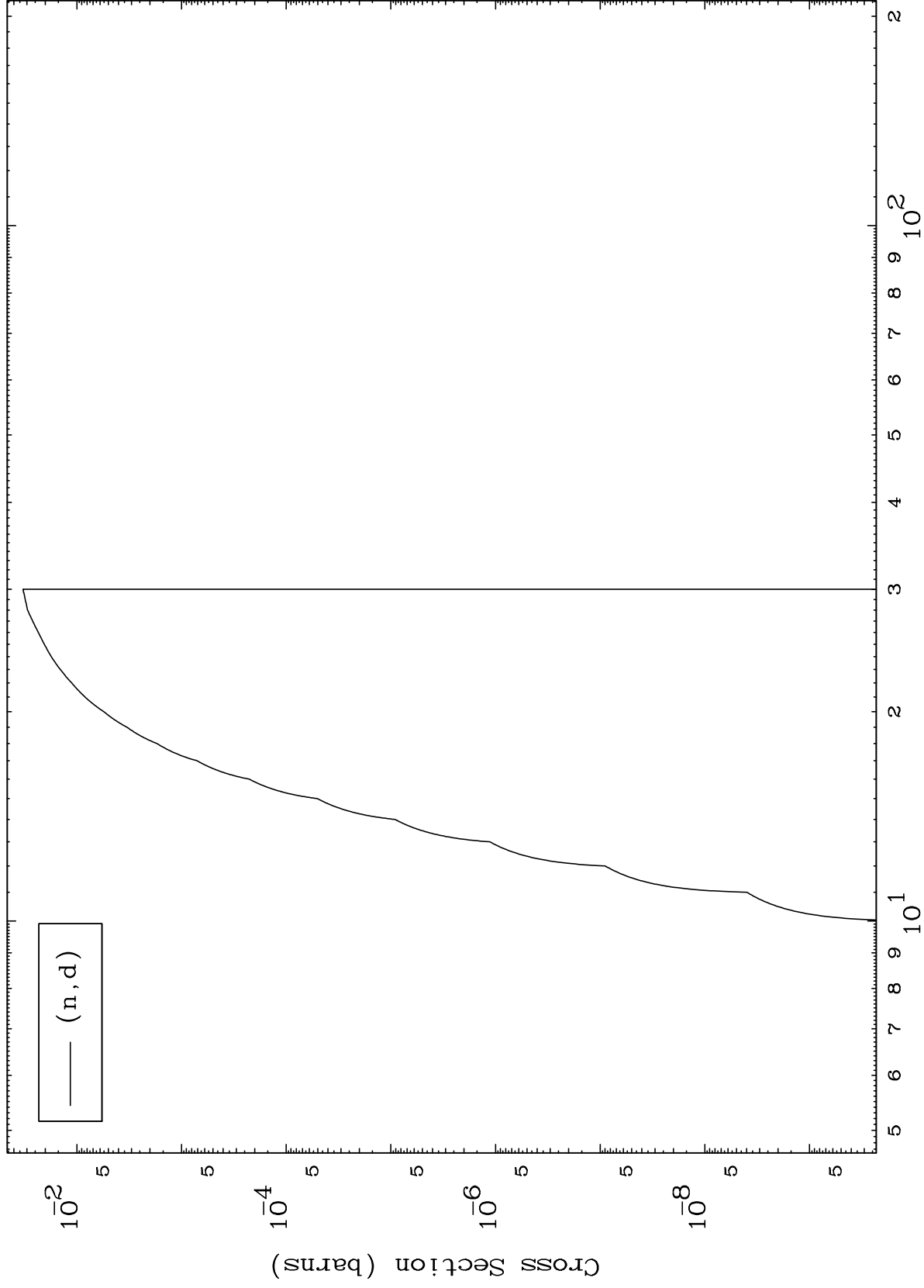
0 Kelvin Cross Sections



MAT 8216

(p,d) Levels
0 Kelvin Cross Sections

82-Pb-201



8

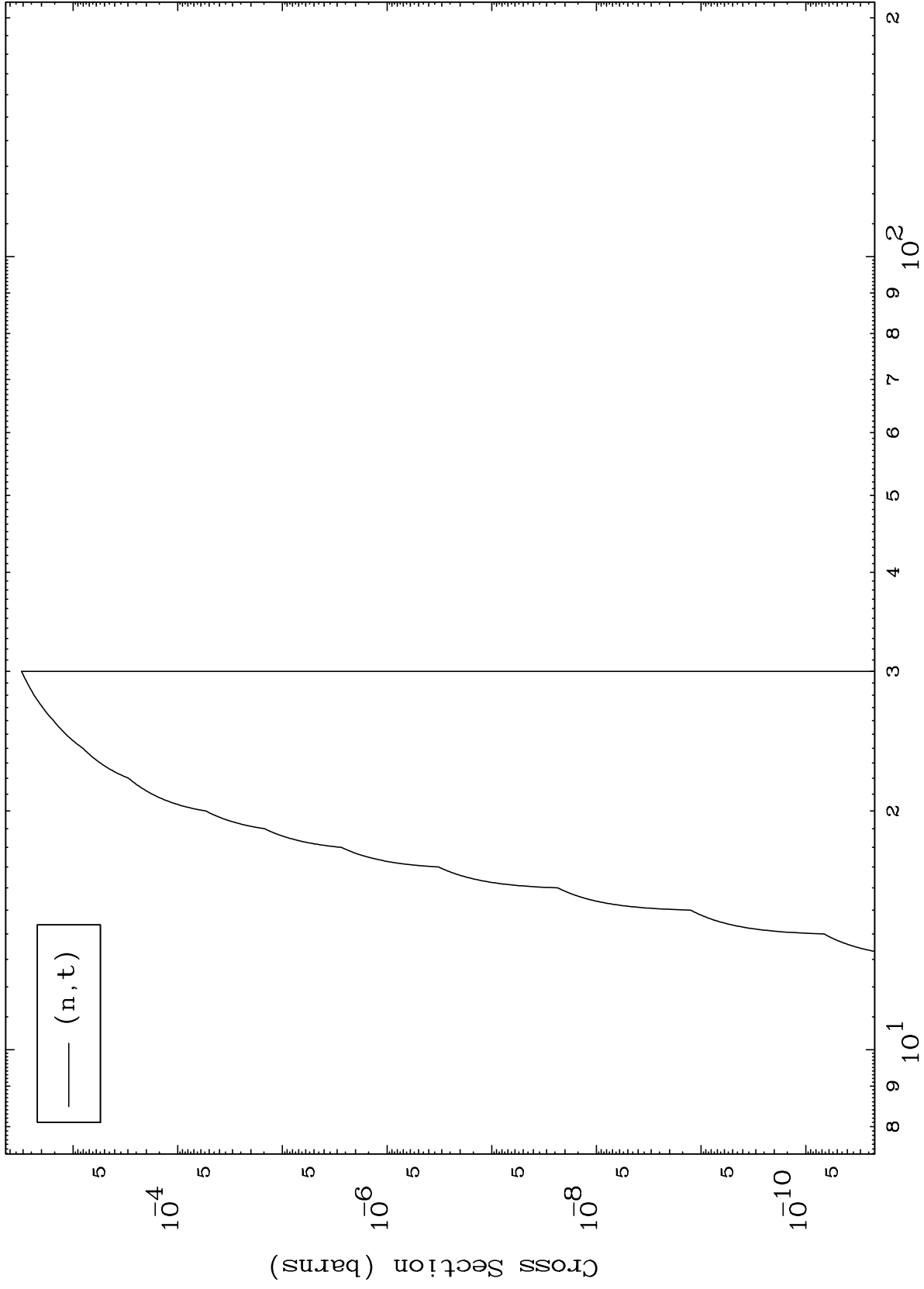
Incident Energy (MeV)

82-Pb-201

MAT 8216

82-Pb-201

(p,t) Levels
0 Kelvin Cross Sections



9

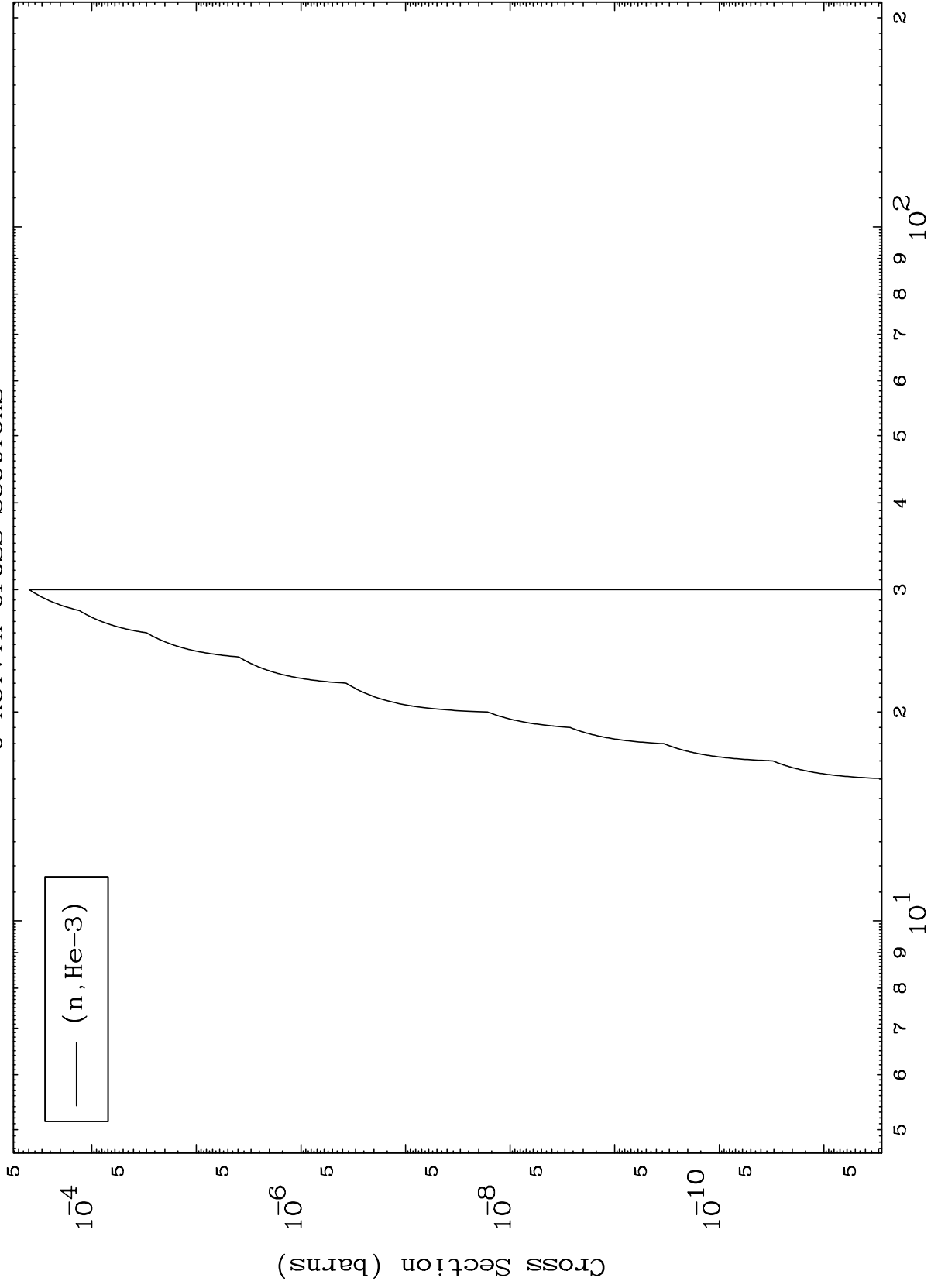
Incident Energy (MeV)

82-Pb-201

MAT 8216

(p,He3) Levels
0 Kelvin Cross Sections

82-Pb-201



10

Incident Energy (MeV)

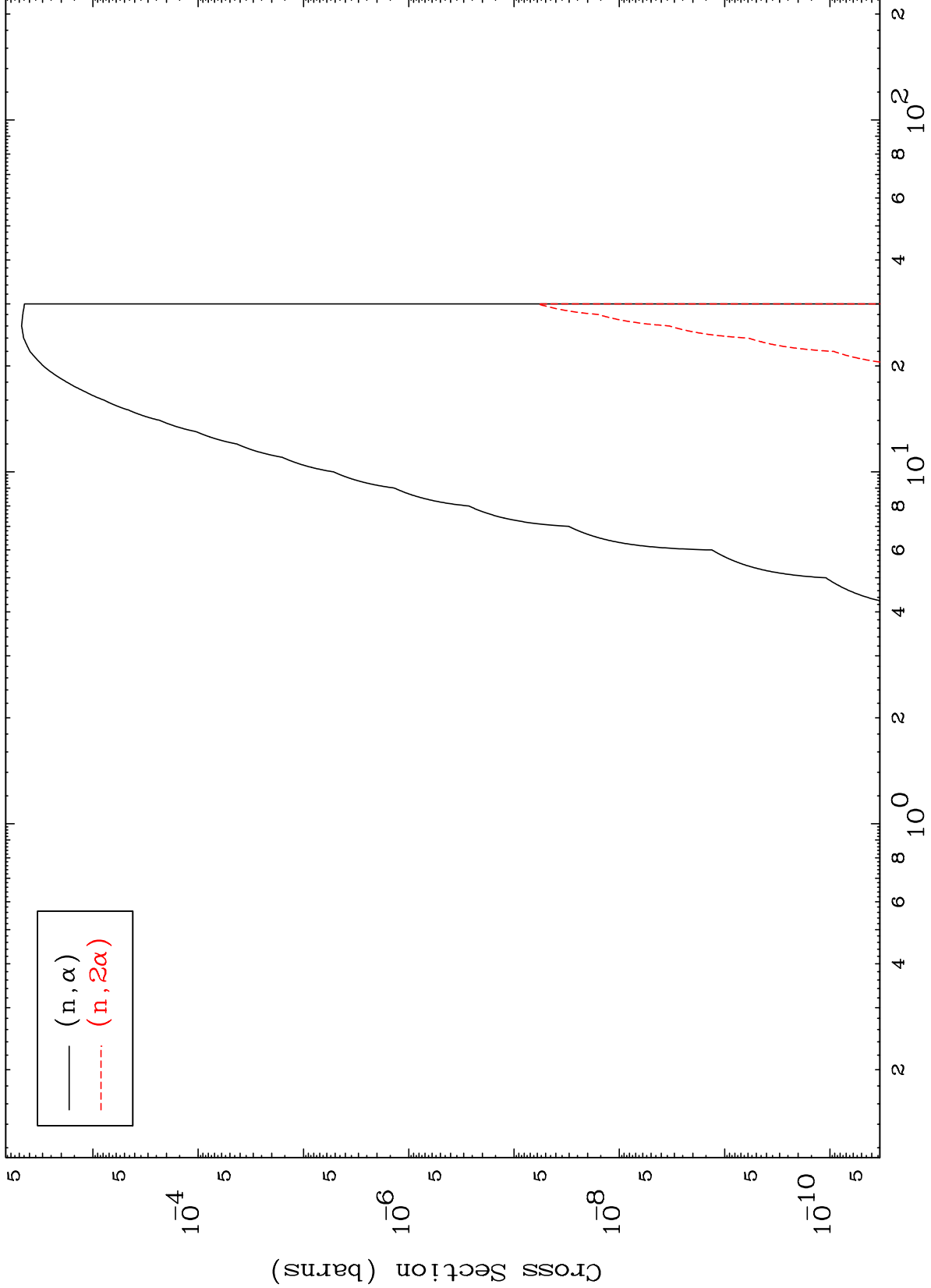
82-Pb-201

MAT 8216

(p, α) Levels

82-Pb-201

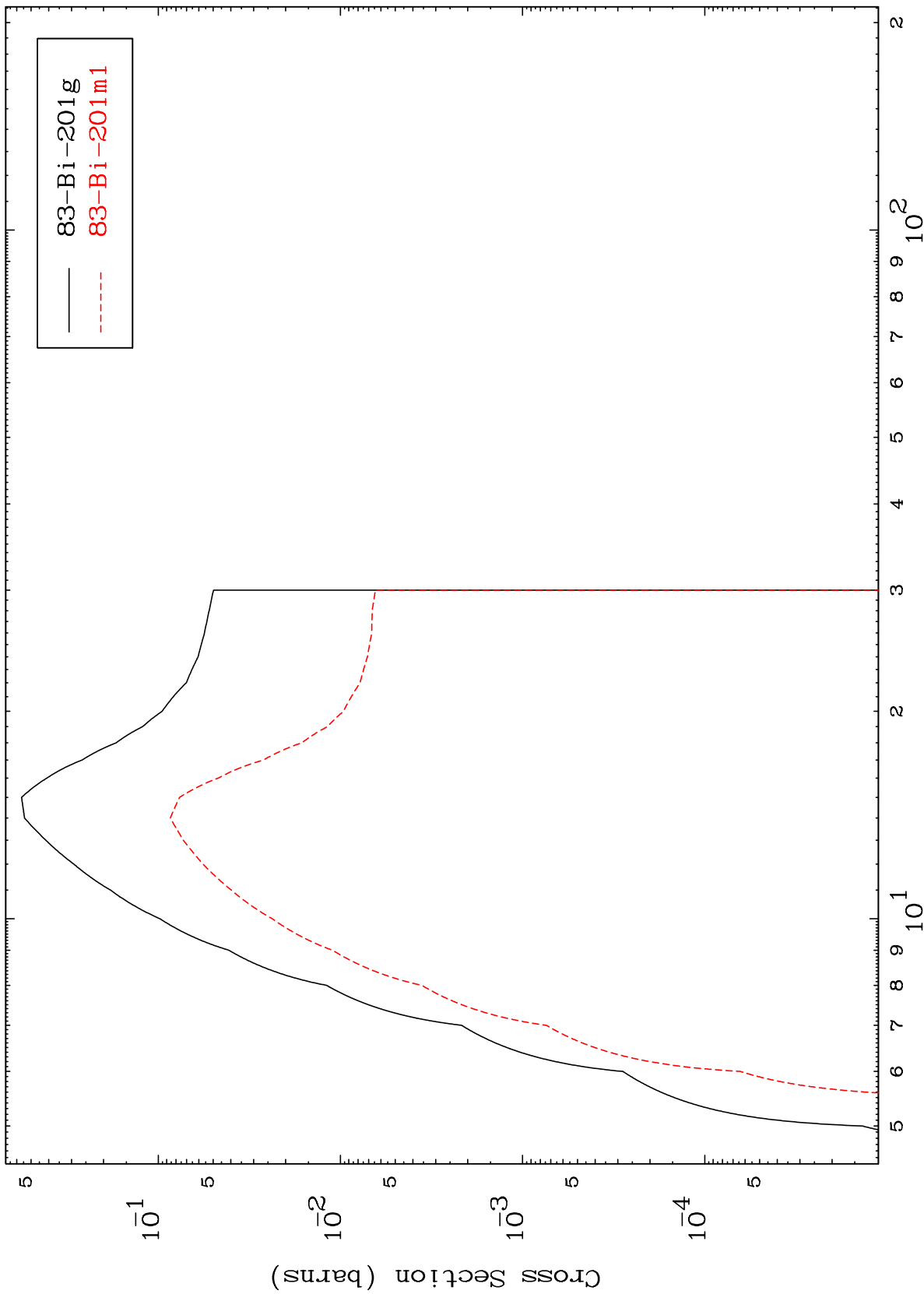
0 Kelvin Cross Sections



MAT 8216

82-Pb-201

Inelastic
Radionuclide Production Cross Section



82-Pb-201

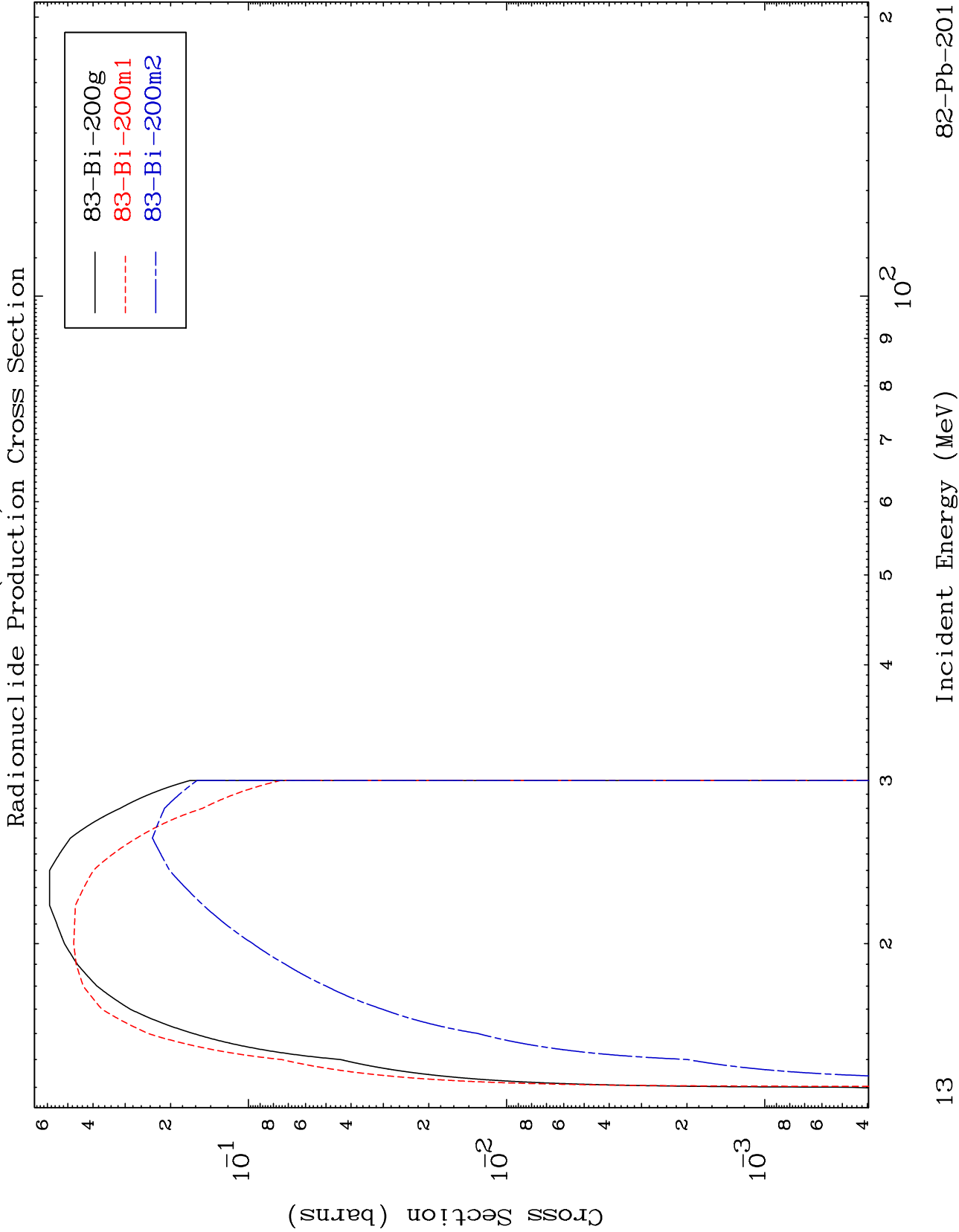
Incident Energy (MeV)

12

MAT 8216

(n,2n)

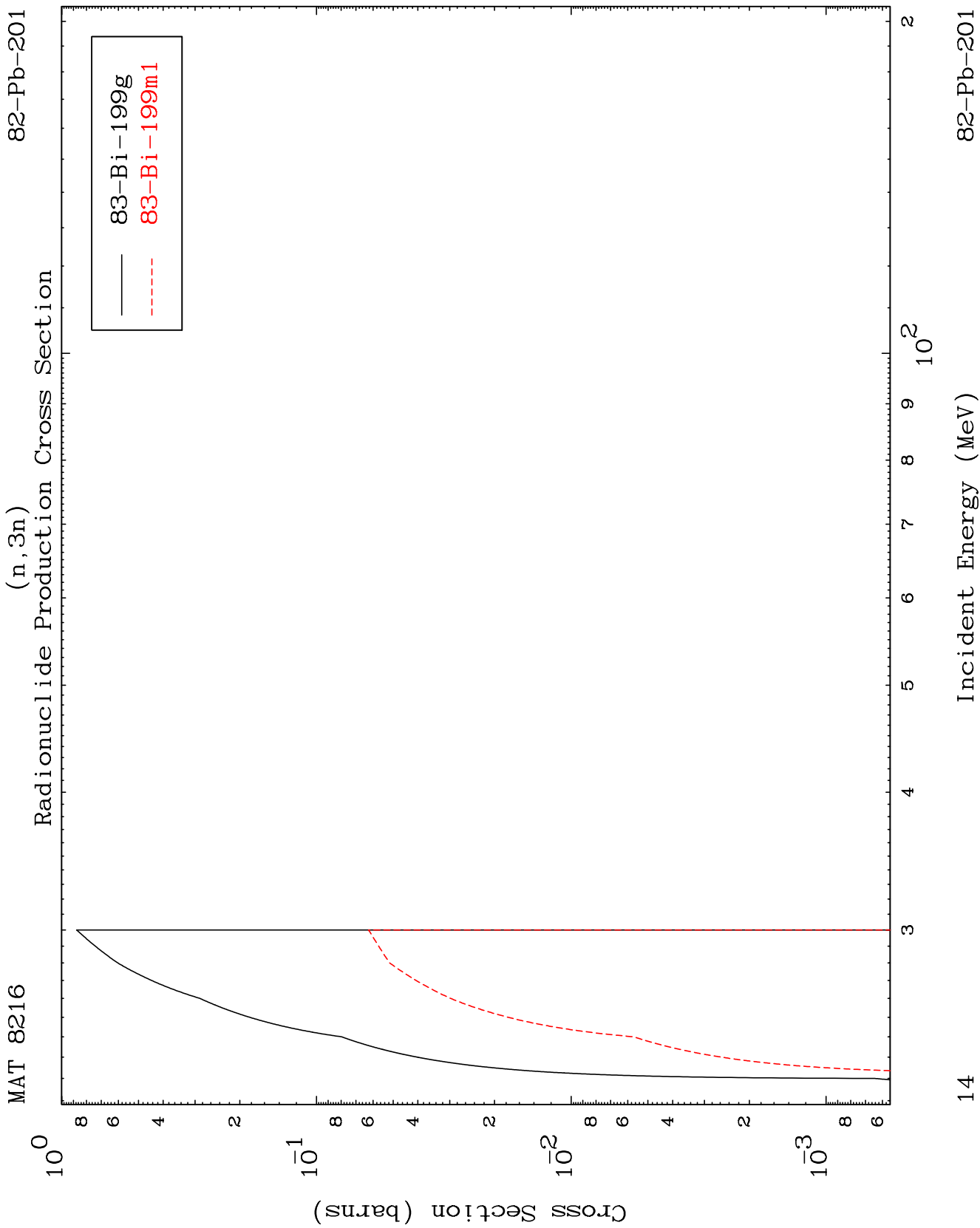
82-Pb-201



13

Incident Energy (MeV)

82-Pb-201

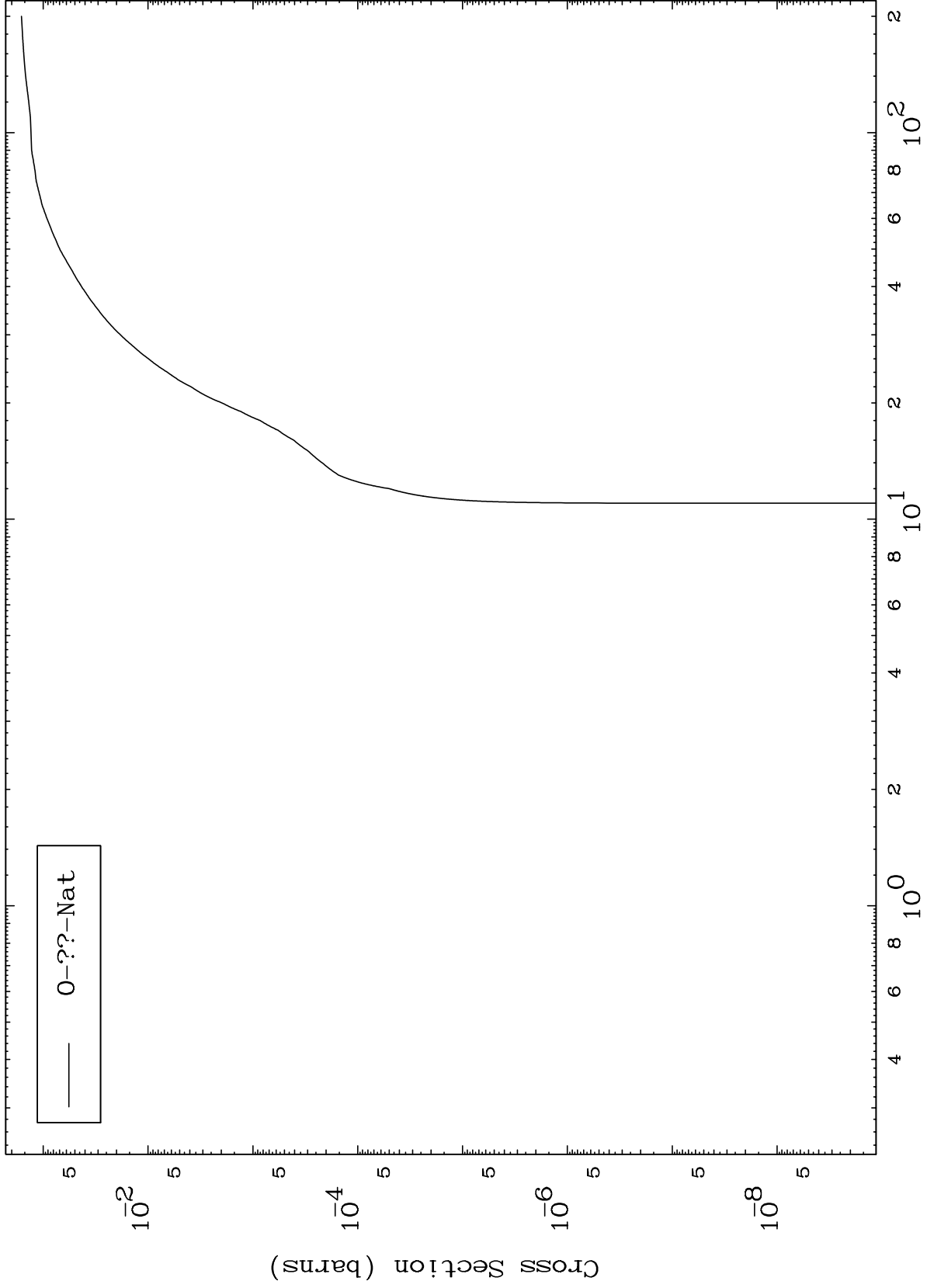


MAT 8216

Fission

82-Pb-201

Radionuclide Production Cross Section

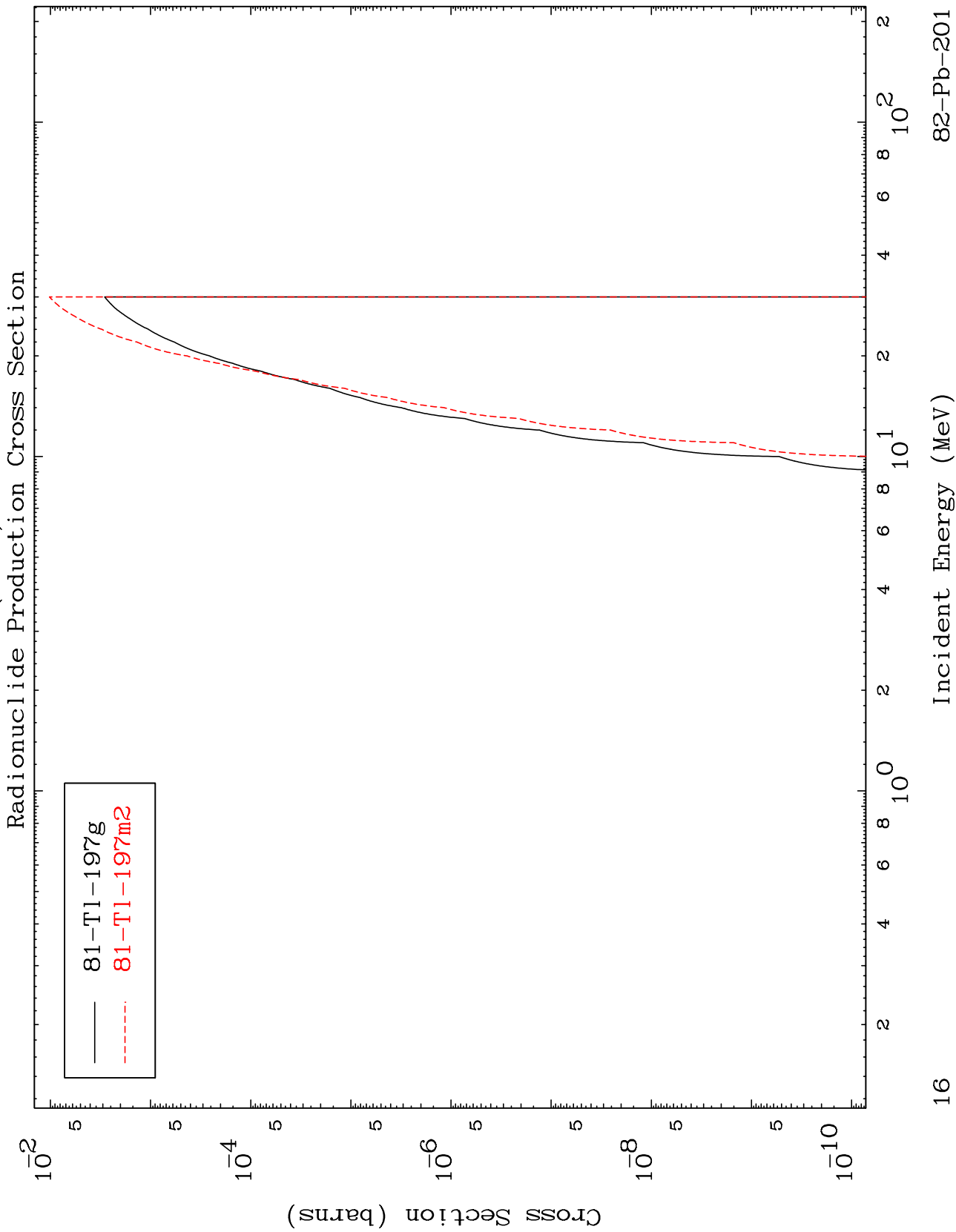


0-?-Nat

MAT 8216

(n,n') α

82-Pb-201

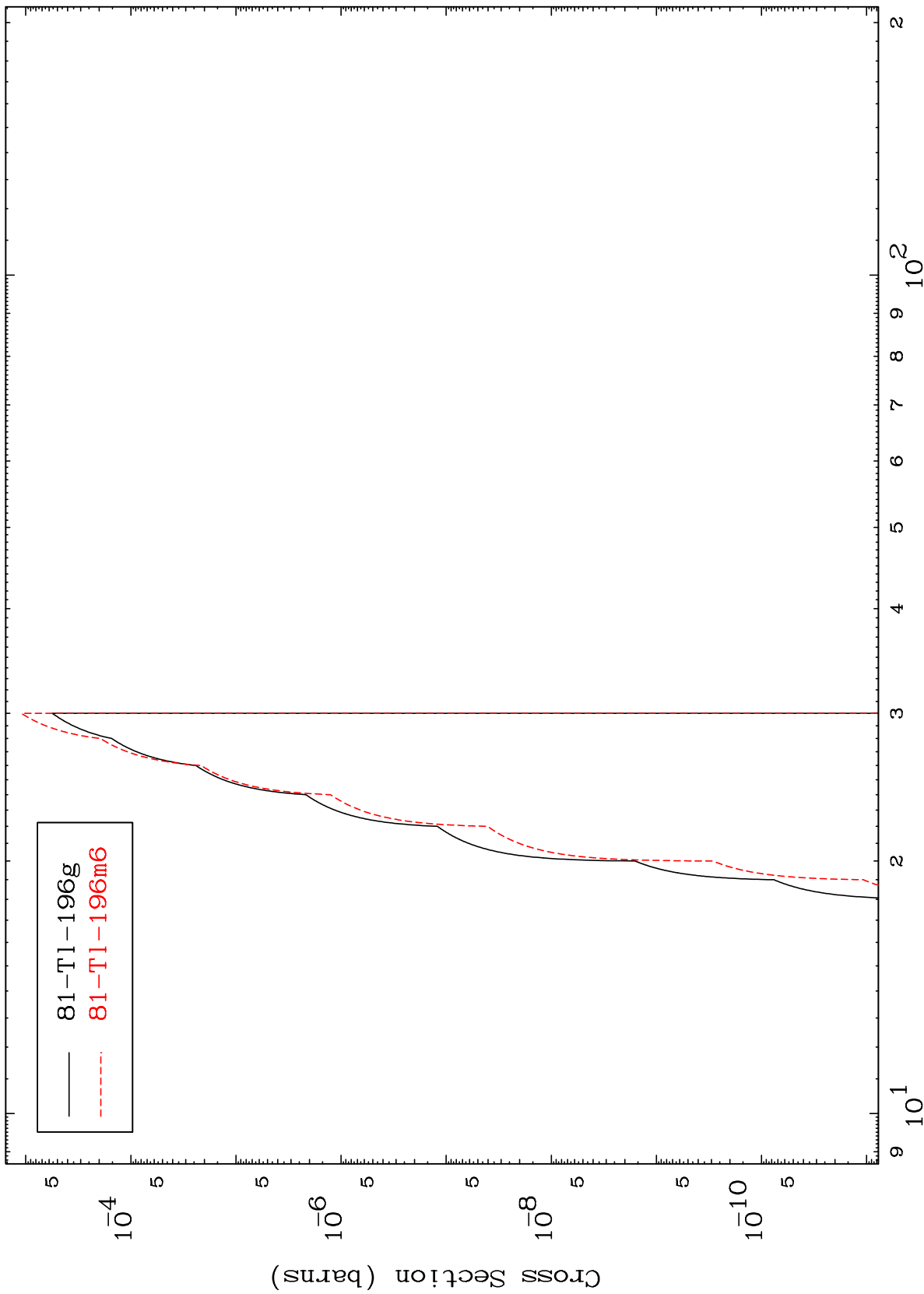


MAT 8216

(n,2n) α

82-Pb-201

Radionuclide Production Cross Section



81-Tl-196g
81-Tl-196m6

17

Incident Energy (MeV)

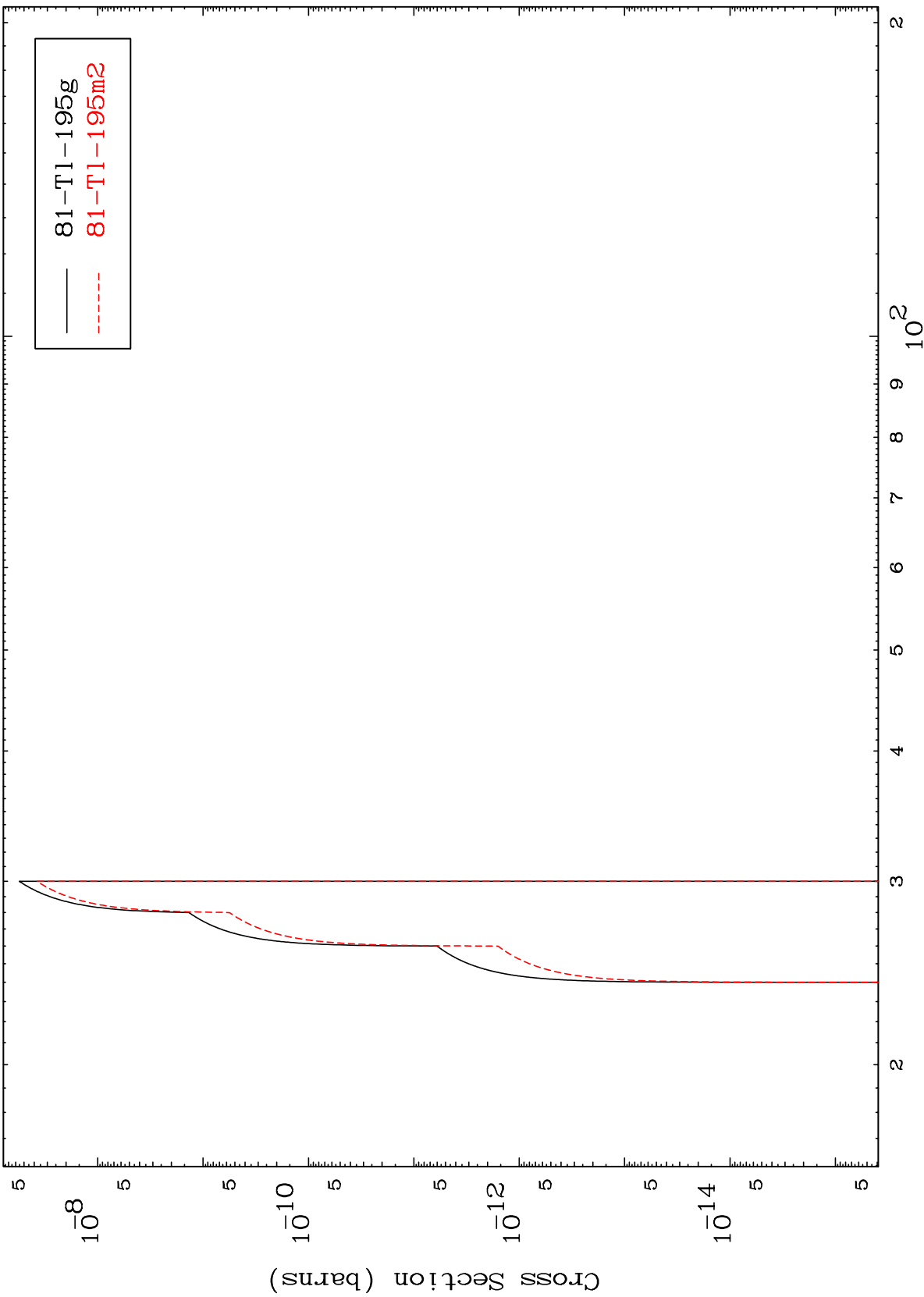
82-Pb-201

MAT 8216

$(n,3n) \alpha$

82-Pb-201

Radionuclide Production Cross Section



18

Incident Energy (MeV)

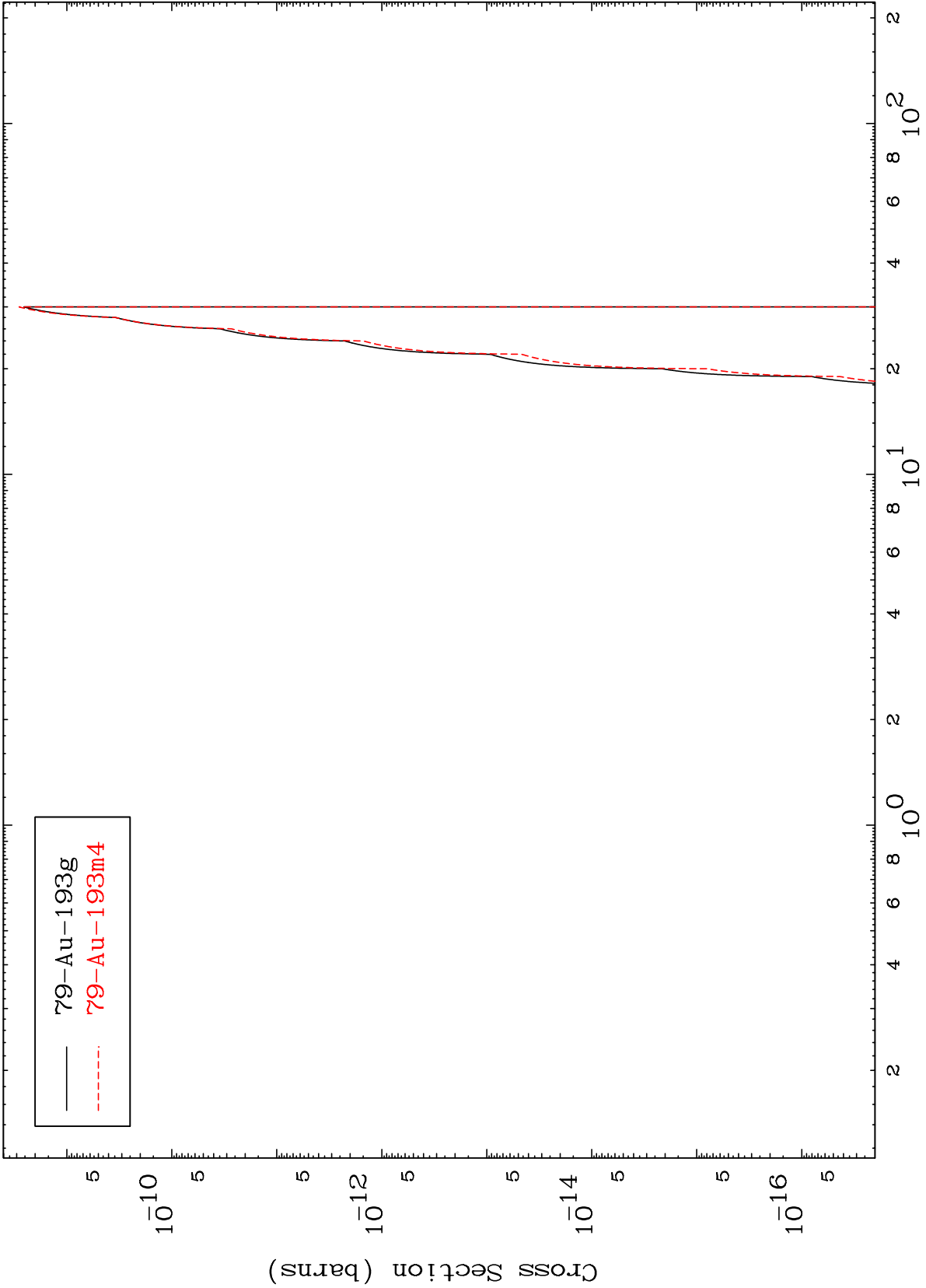
82-Pb-201

MAT 8216

(n,n') 2 α

82-Pb-201

Radionuclide Production Cross Section



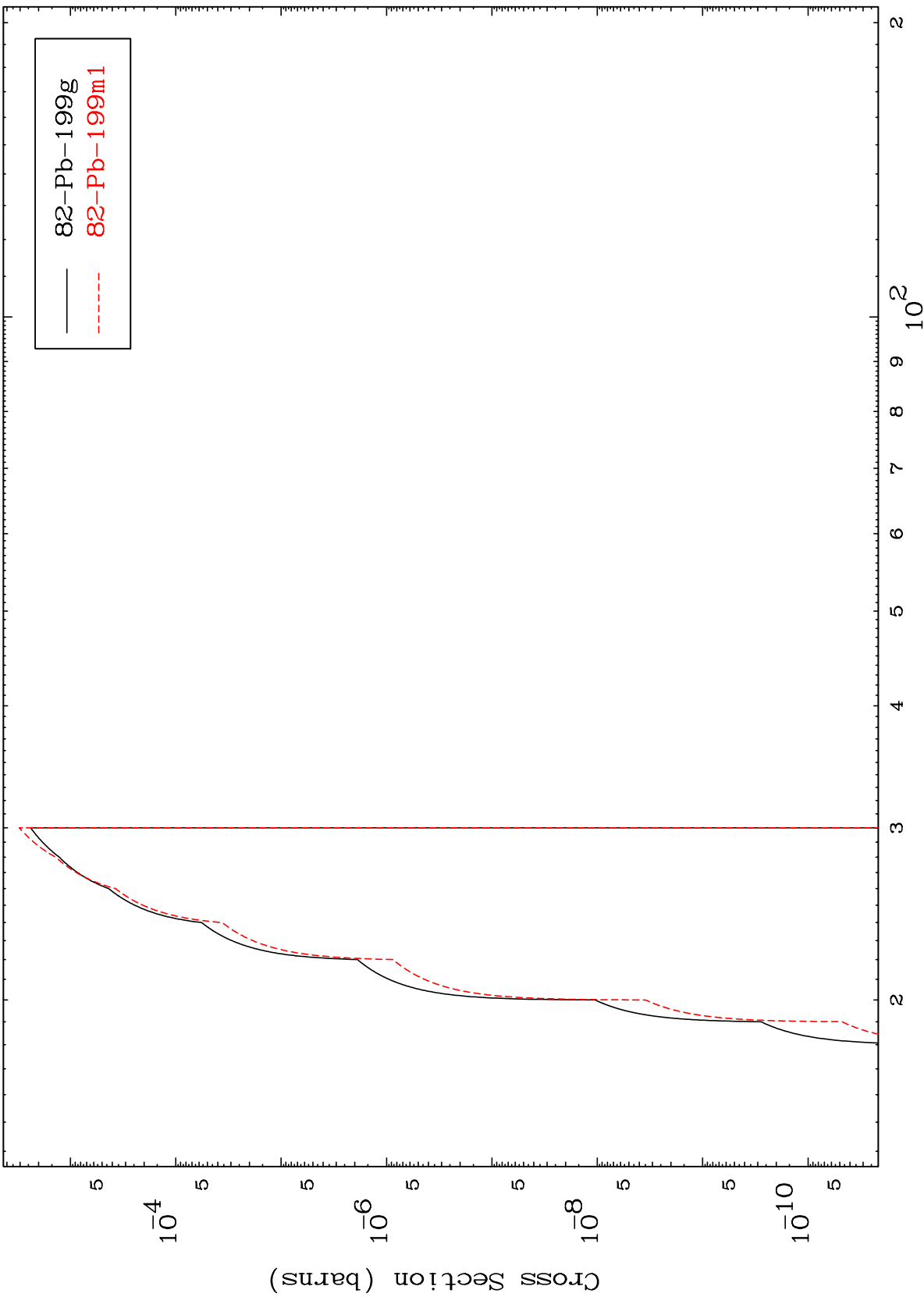
79-Au-193g
79-Au-193m4

MAT 8216

(n,n') d

82-Pb-201

Radionuclide Production Cross Section



20

Incident Energy (MeV)

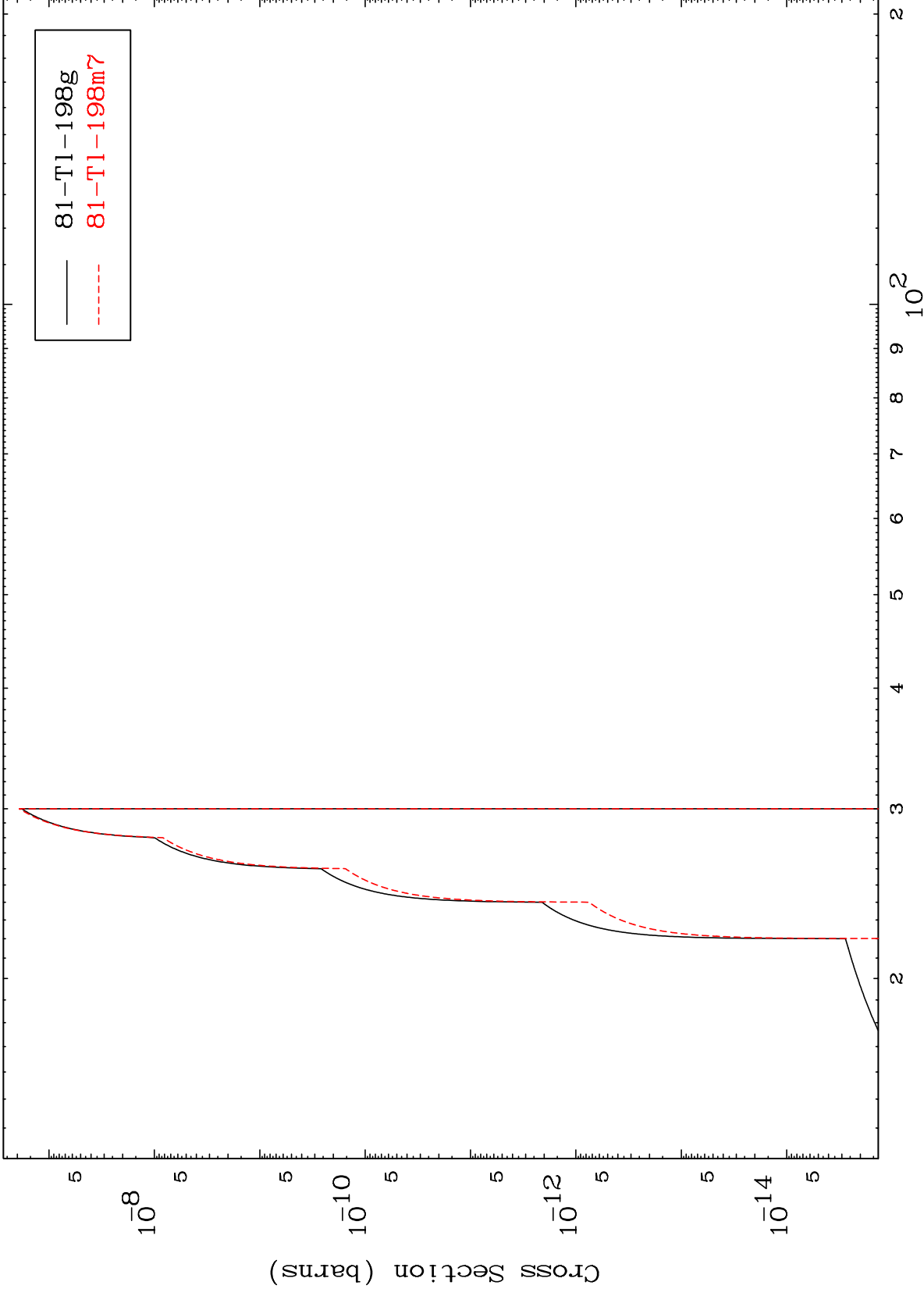
82-Pb-201

MAT 8216

(n,n') He-3

82-Pb-201

Radionuclide Production Cross Section



21

Incident Energy (MeV)

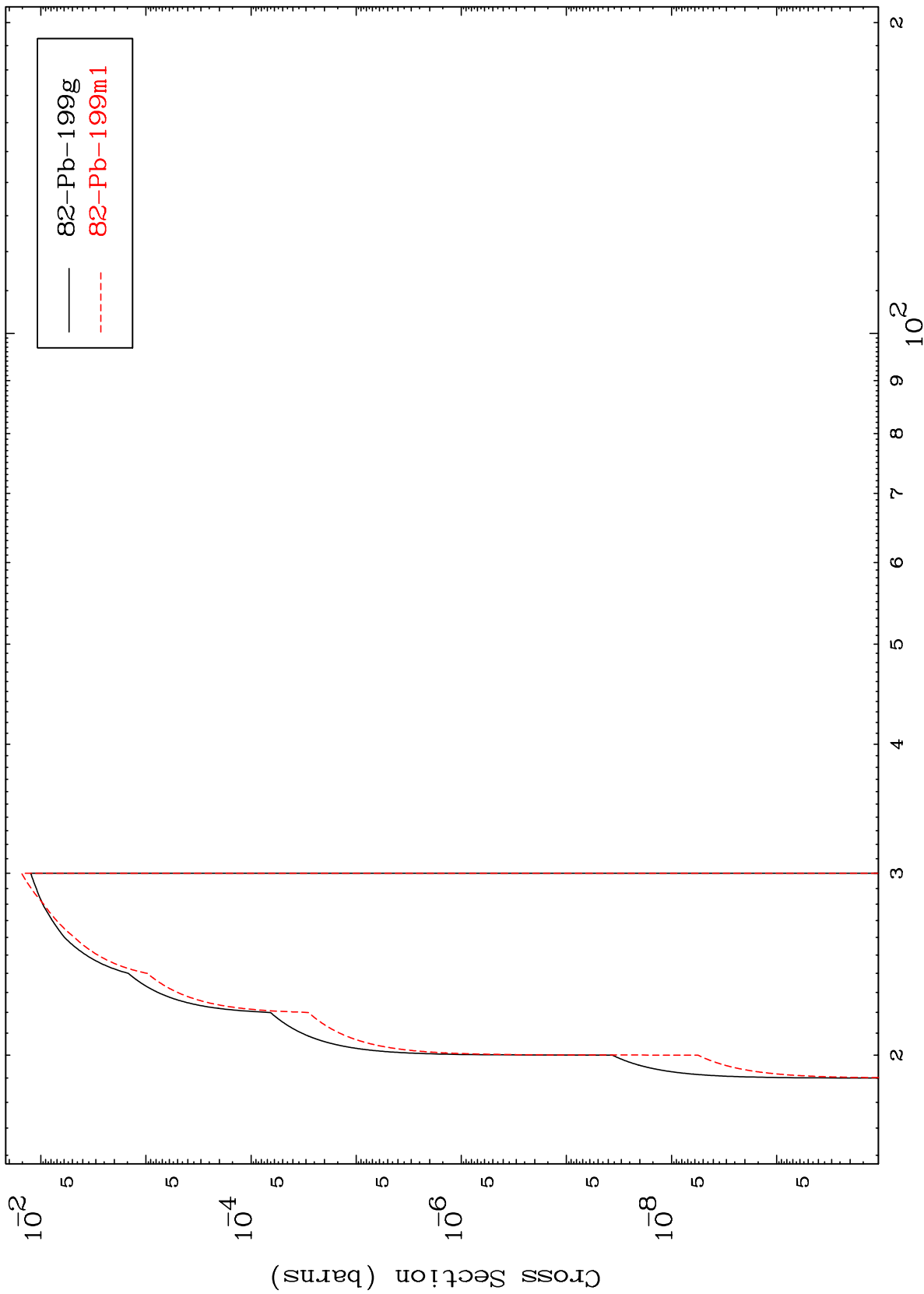
82-Pb-201

MAT 8216

(n,2n) p

82-Pb-201

Radionuclide Production Cross Section



22

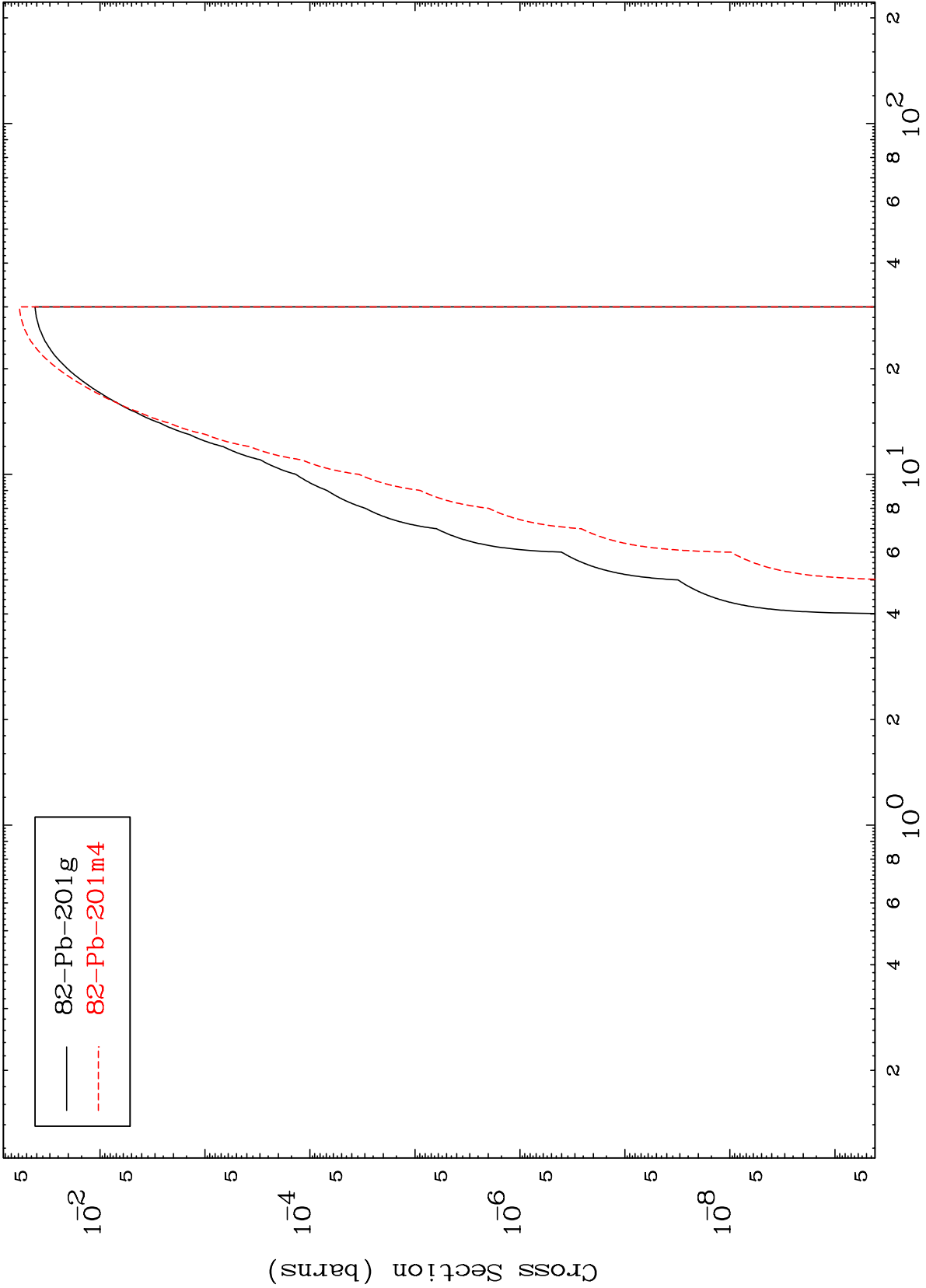
Incident Energy (MeV)

82-Pb-201

MAT 8216

82-Pb-201

(n,p)
Radionuclide Production Cross Section



82-Pb-201

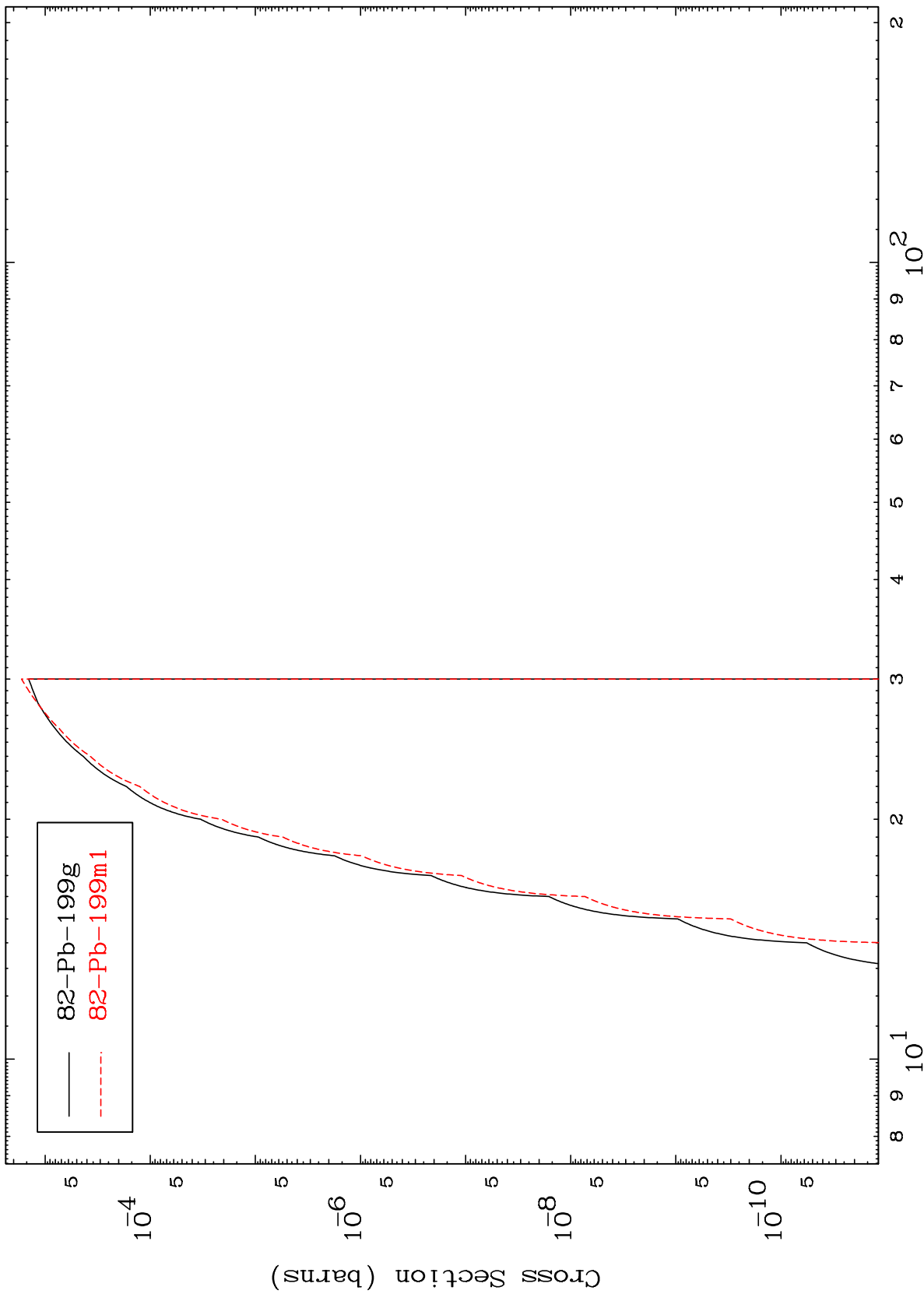
Incident Energy (MeV)

23

MAT 8216

82-Pb-201

(n, t)
Radionuclide Production Cross Section



24

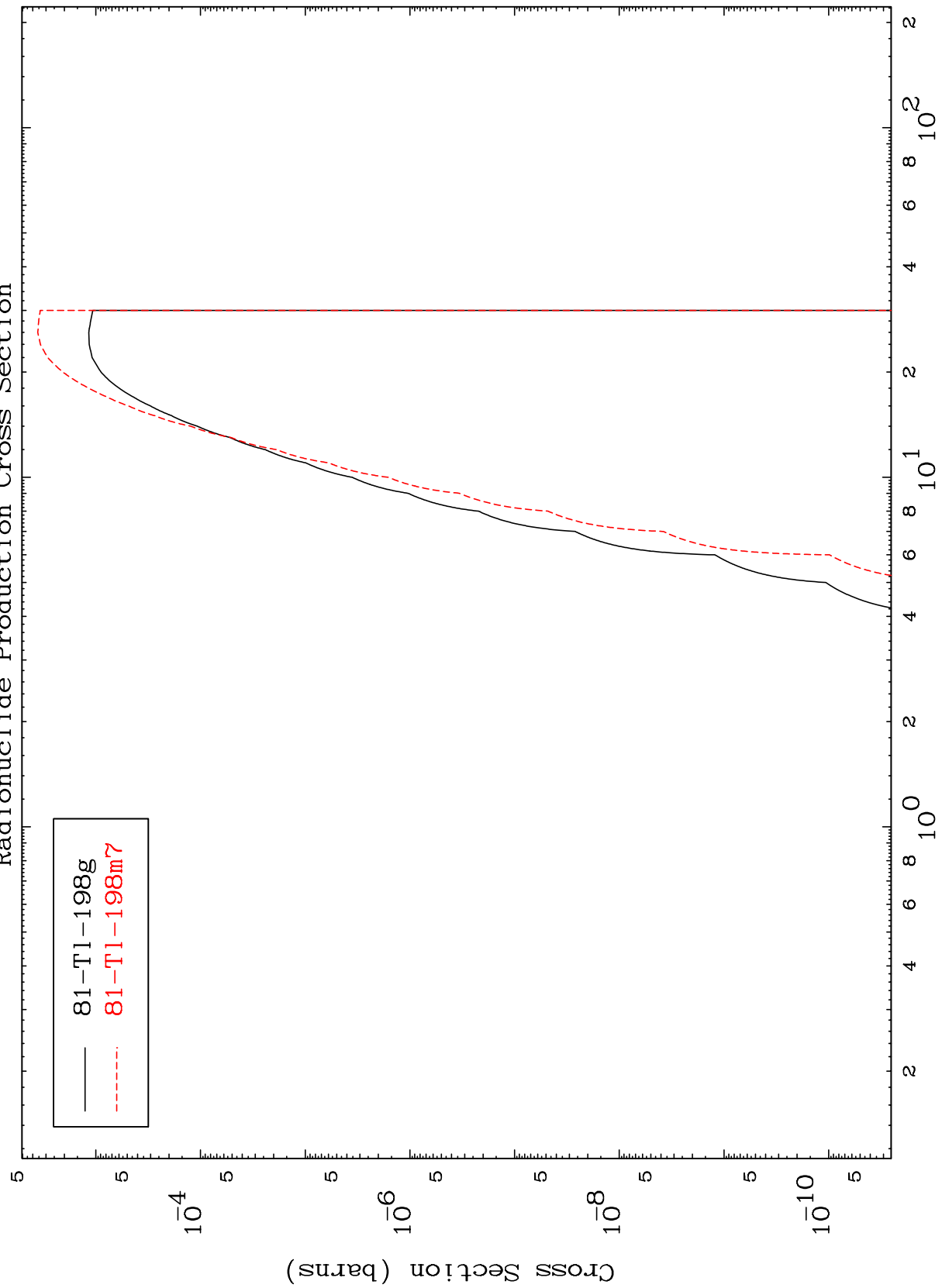
Incident Energy (MeV)

82-Pb-201

MAT 8216

82-Pb-201

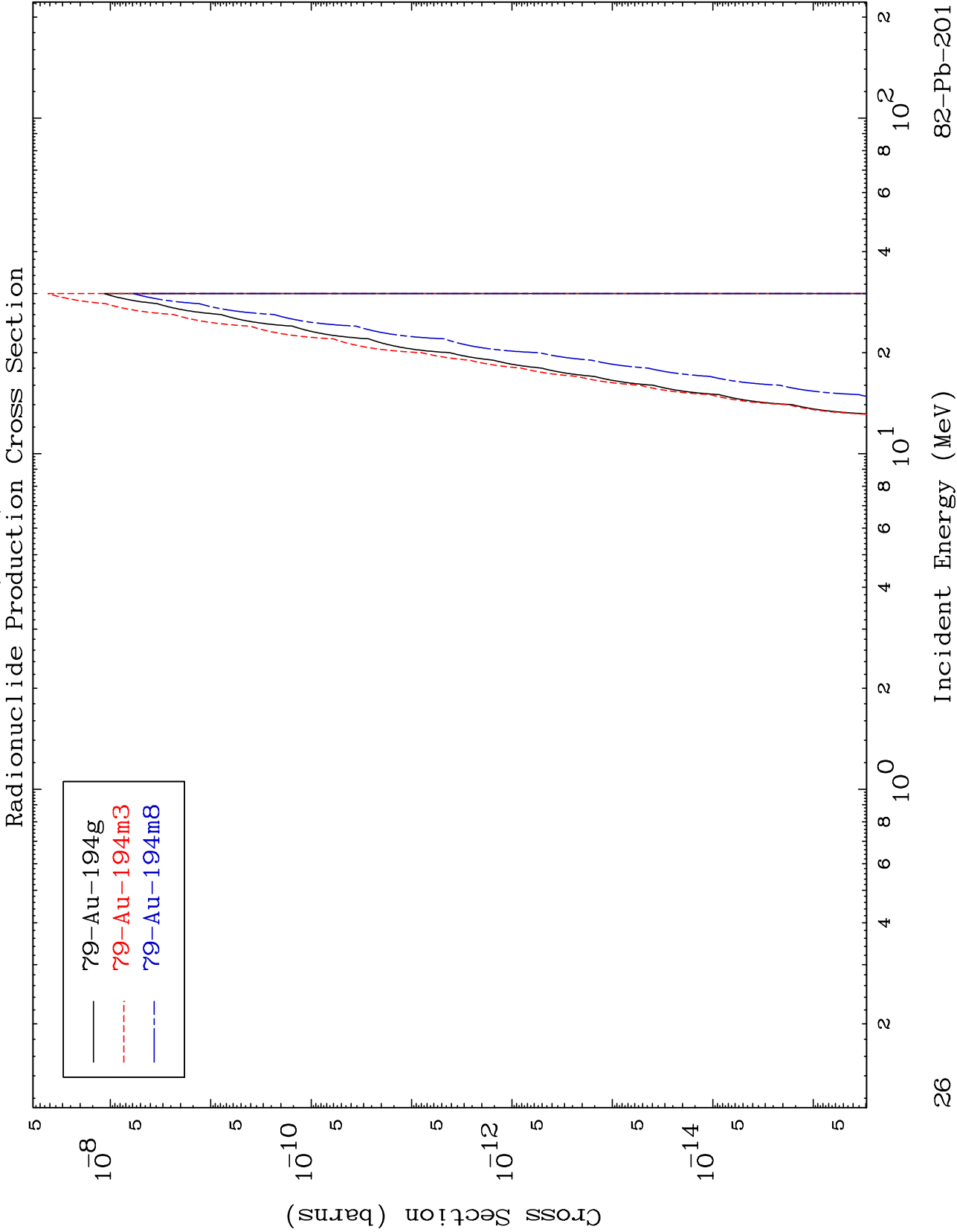
Radionuclide Production Cross Section
(n, α)



MAT 8216

(n,2α)

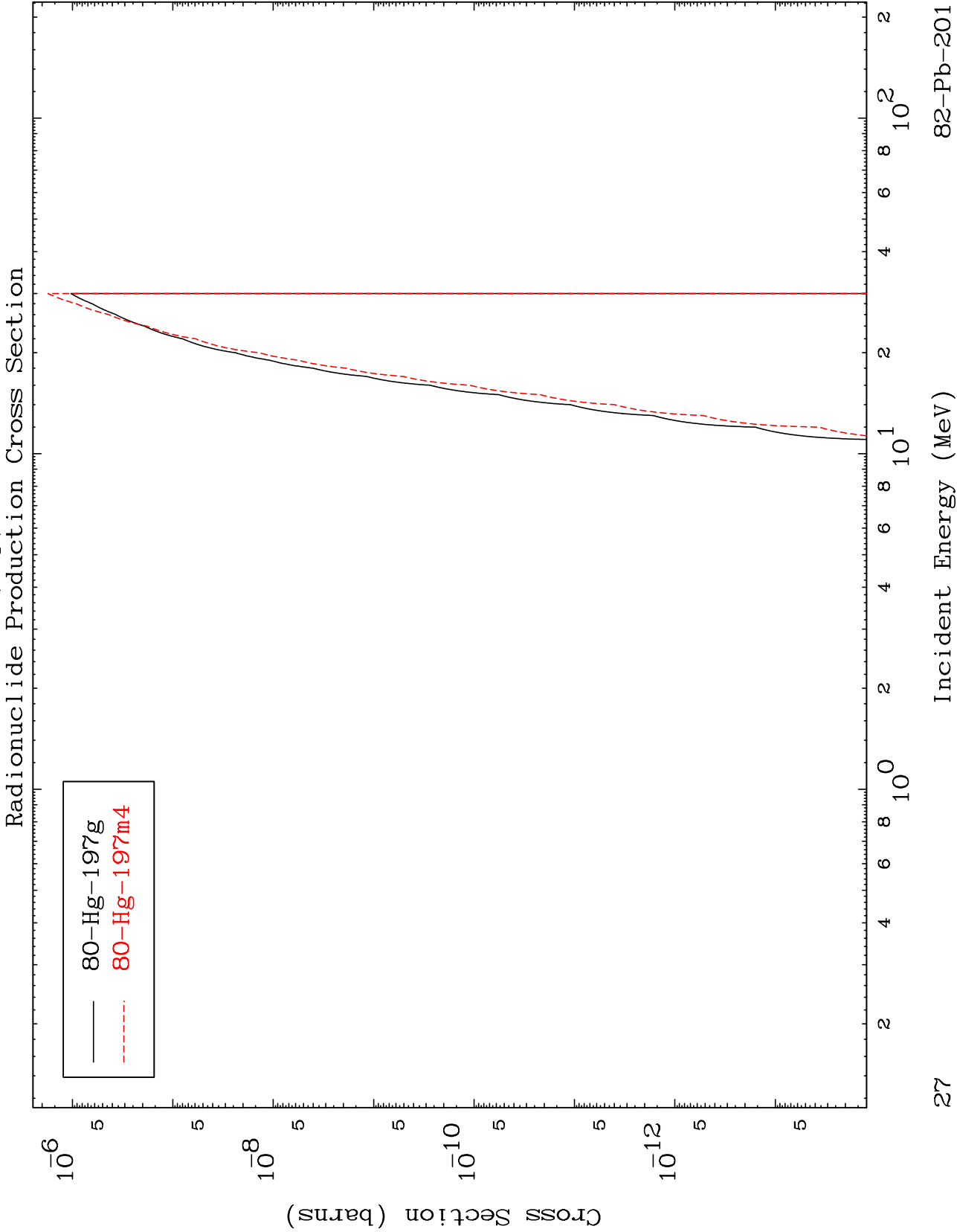
82-Pb-201



MAT 8216

(n,p) α

82-Pb-201



80-Hg-197g
80-Hg-197m4

Radionuclide Production Cross Section

