

Program EVALPLOT
(Version 2018-1)

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

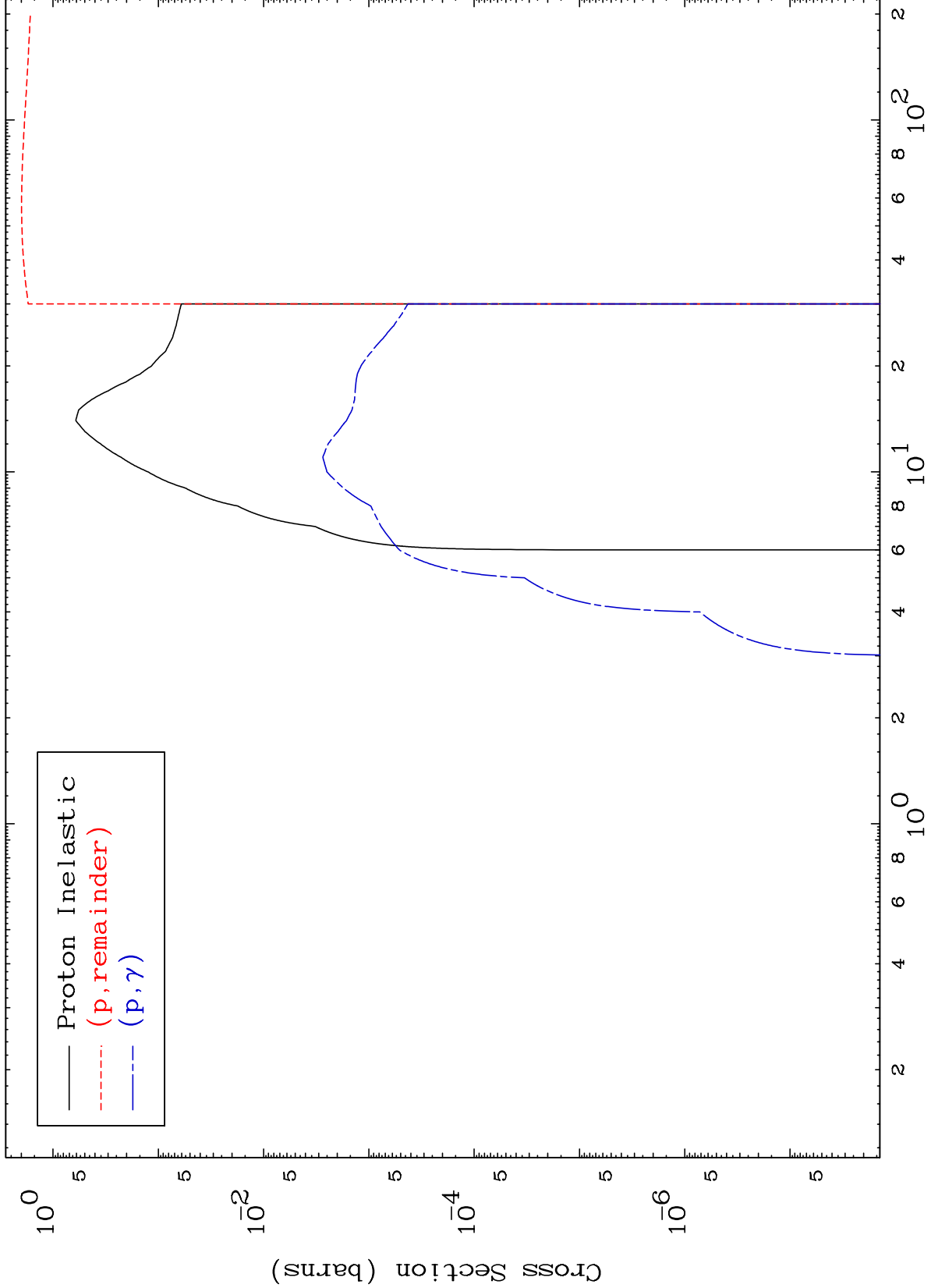
Press Mouse Button to Start

MAT 8219

Proton Major

82-Pb-202

0 Kelvin Cross Sections

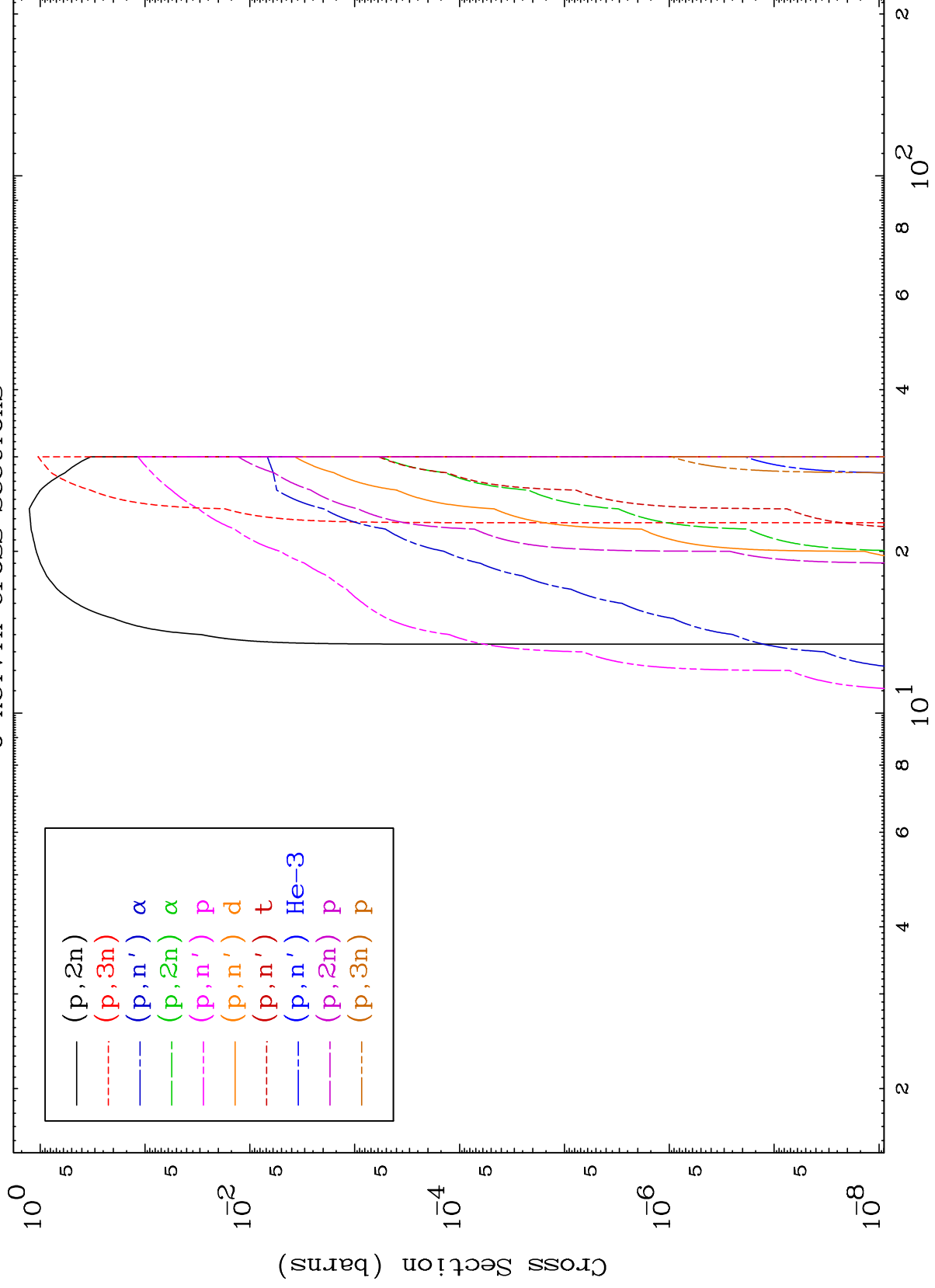


— Proton Inelastic
- - - (p, remainder)
- - - (p, γ)

MAT 8219

Proton Neutron Production
0 Kelvin Cross Sections

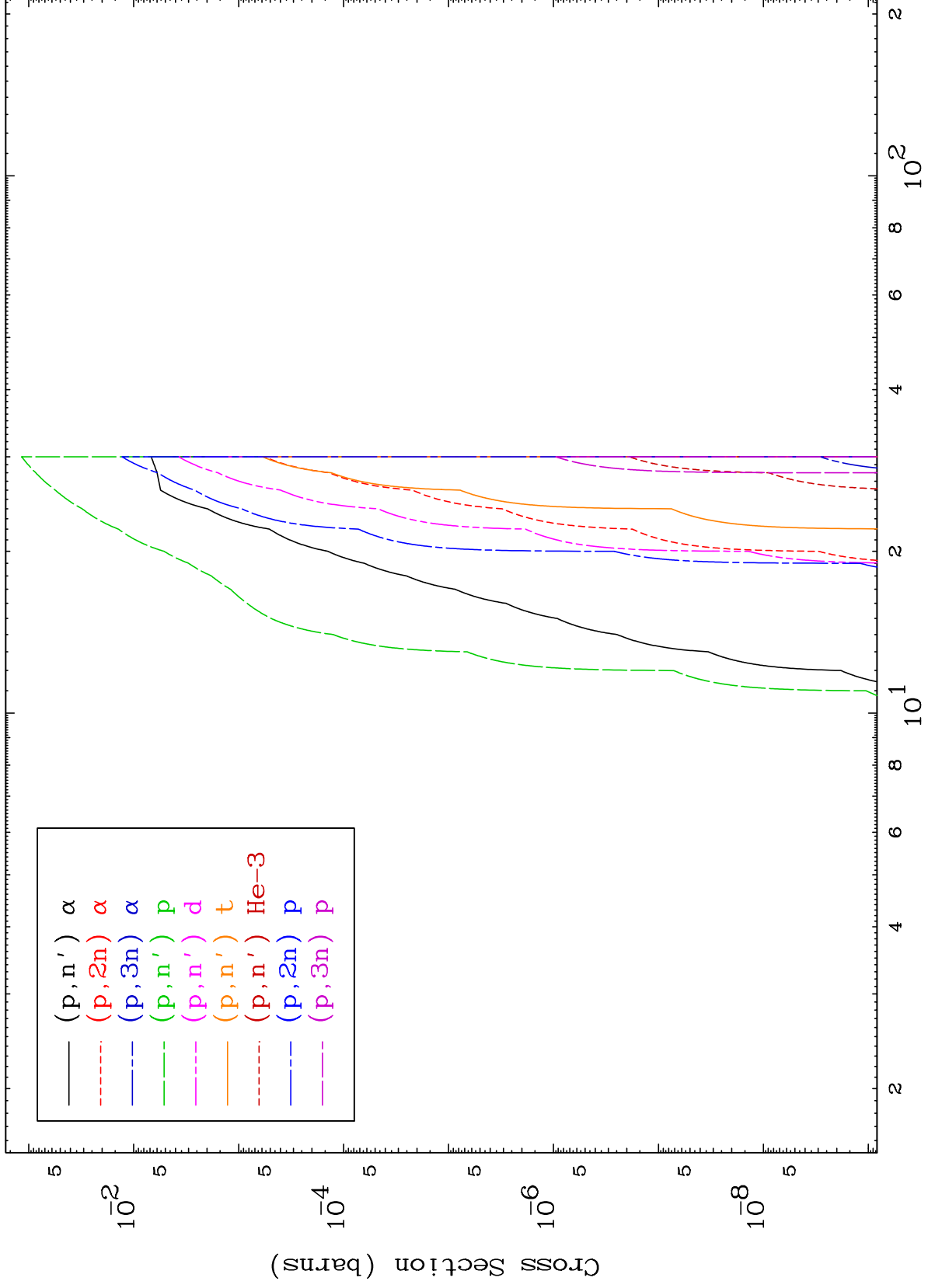
82-Pb-202



2

Incident Energy (MeV)

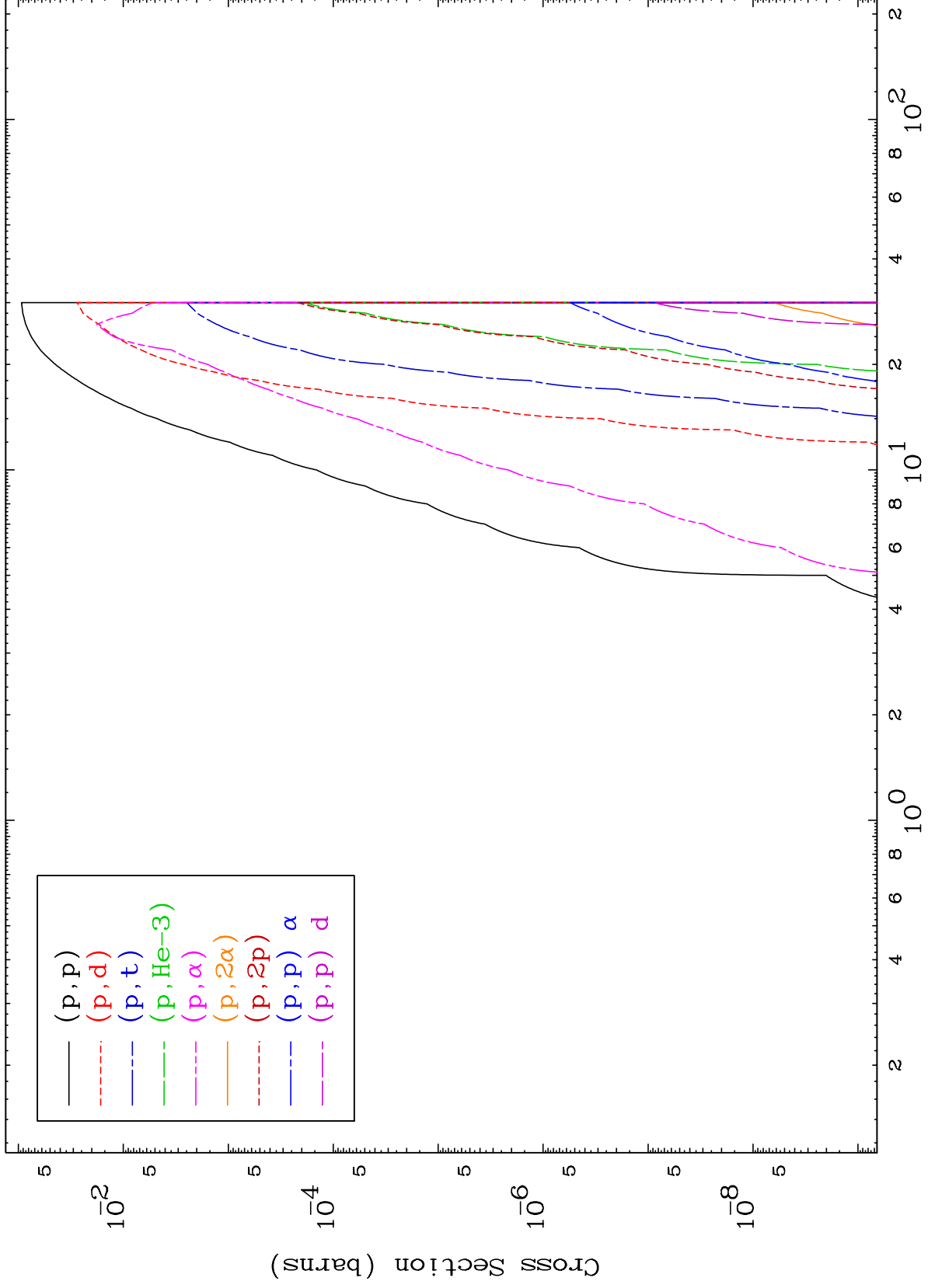
82-Pb-202



MAT 8219

Proton Charged Particle
0 Kelvin Cross Sections

82-Pb-202



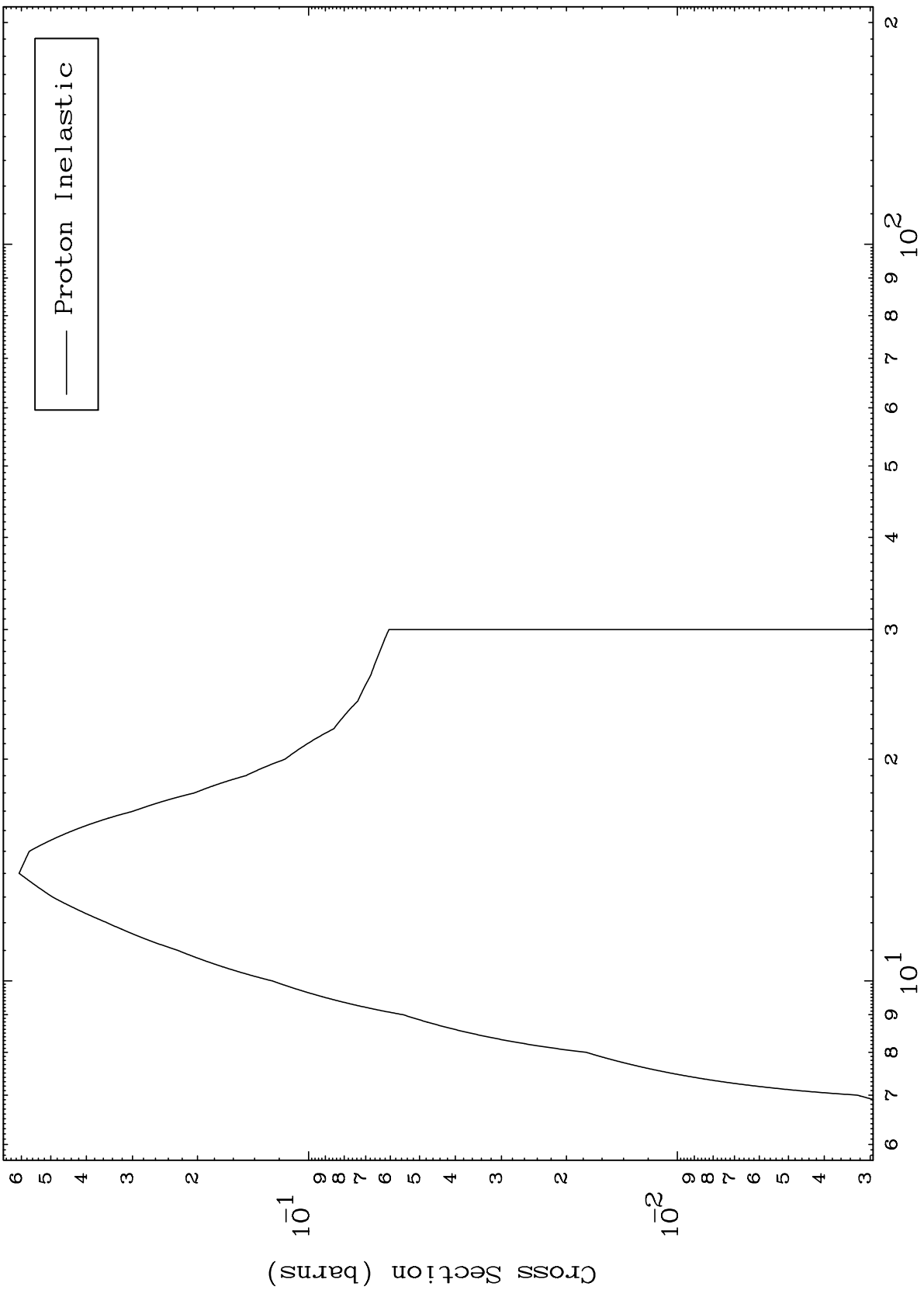
Incident Energy (MeV)

82-Pb-202

MAT 8219

82-Pb-202

(p,n') Level
0 Kelvin Cross Sections



5

Incident Energy (MeV)

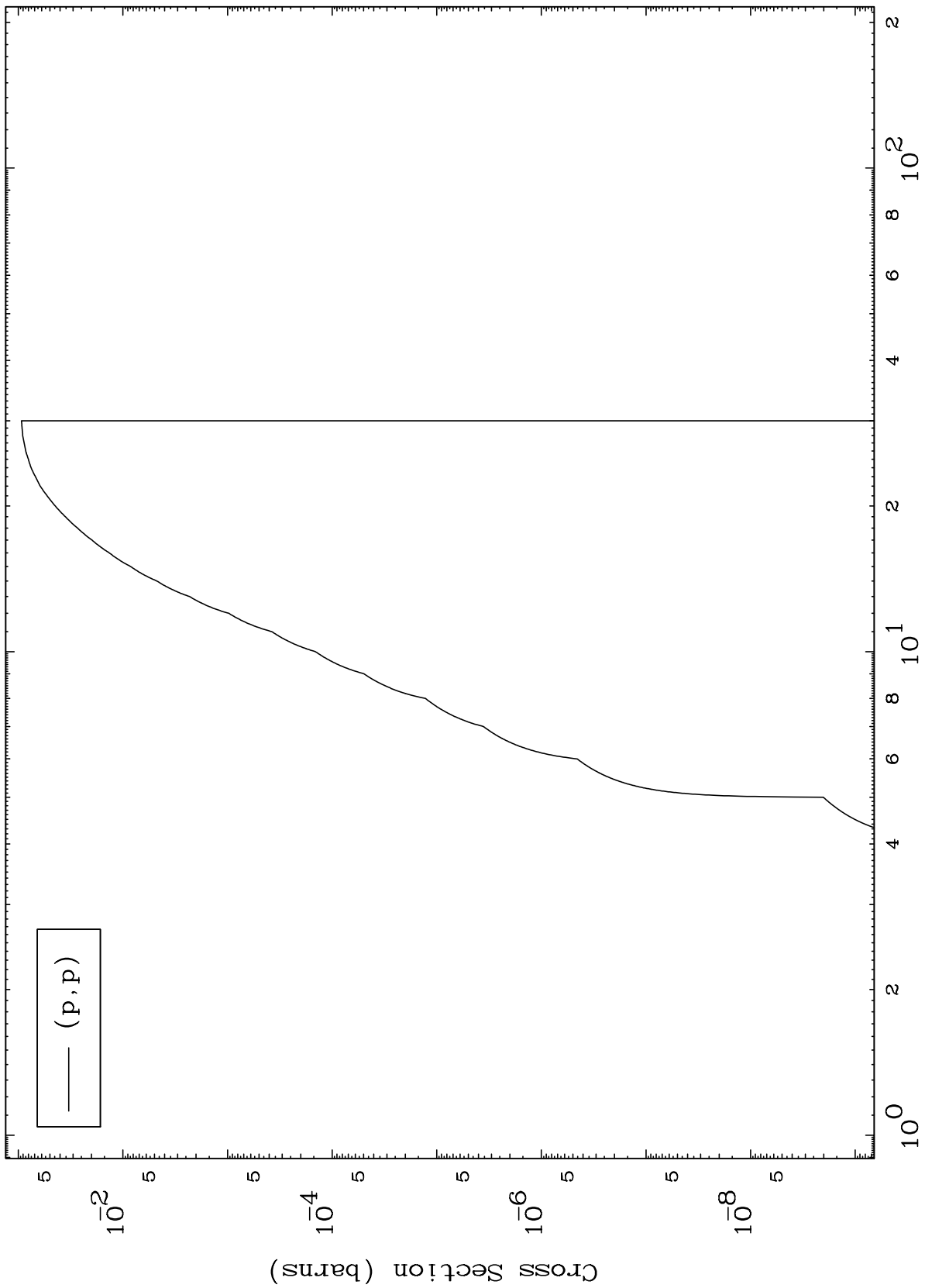
82-Pb-202

MAT 8219

(p,p) Levels

82-Pb-202

0 Kelvin Cross Sections



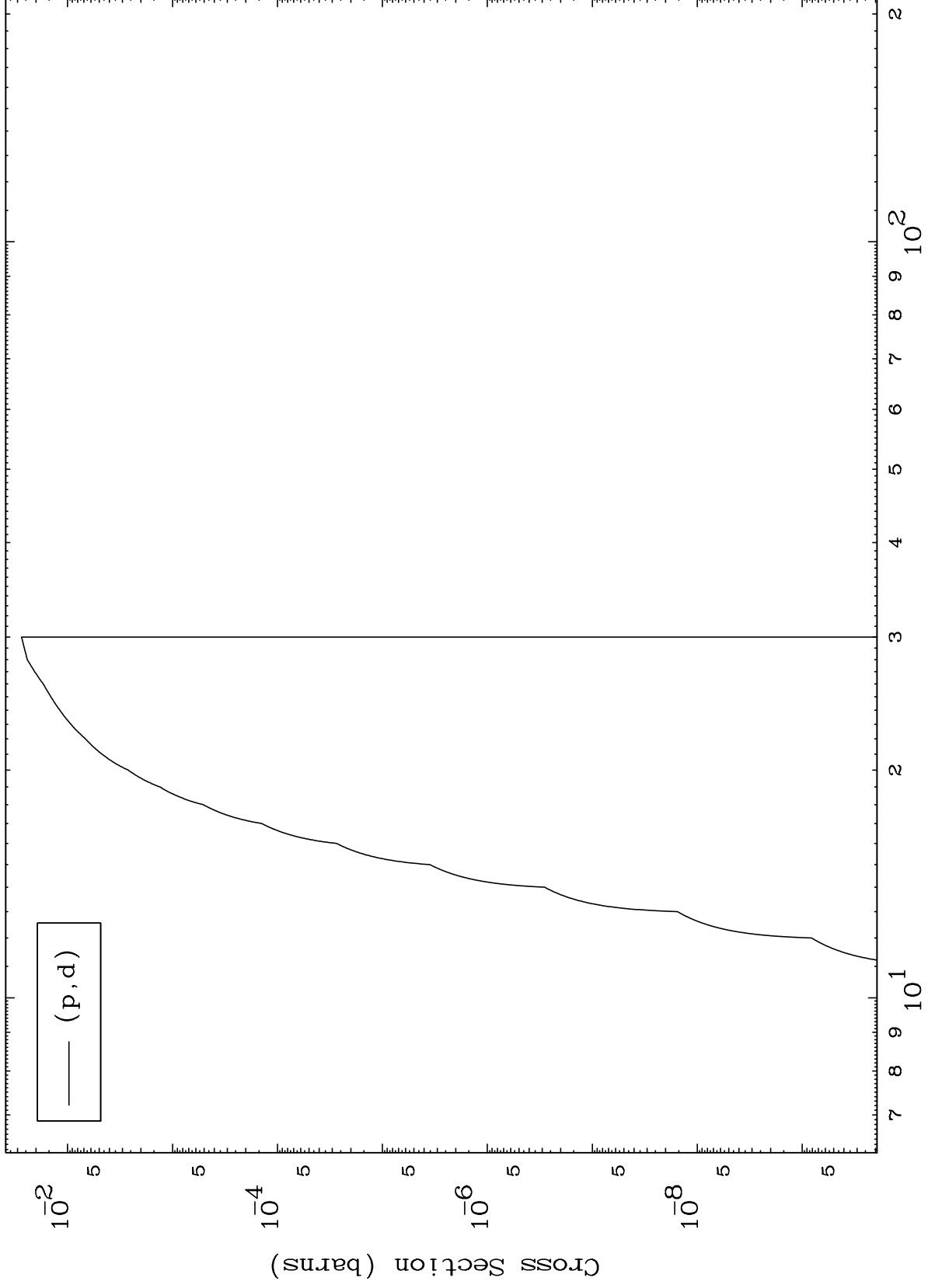
Incident Energy (MeV)

82-Pb-202

MAT 8219

(p,d) Levels
0 Kelvin Cross Sections

82-Pb-202



7

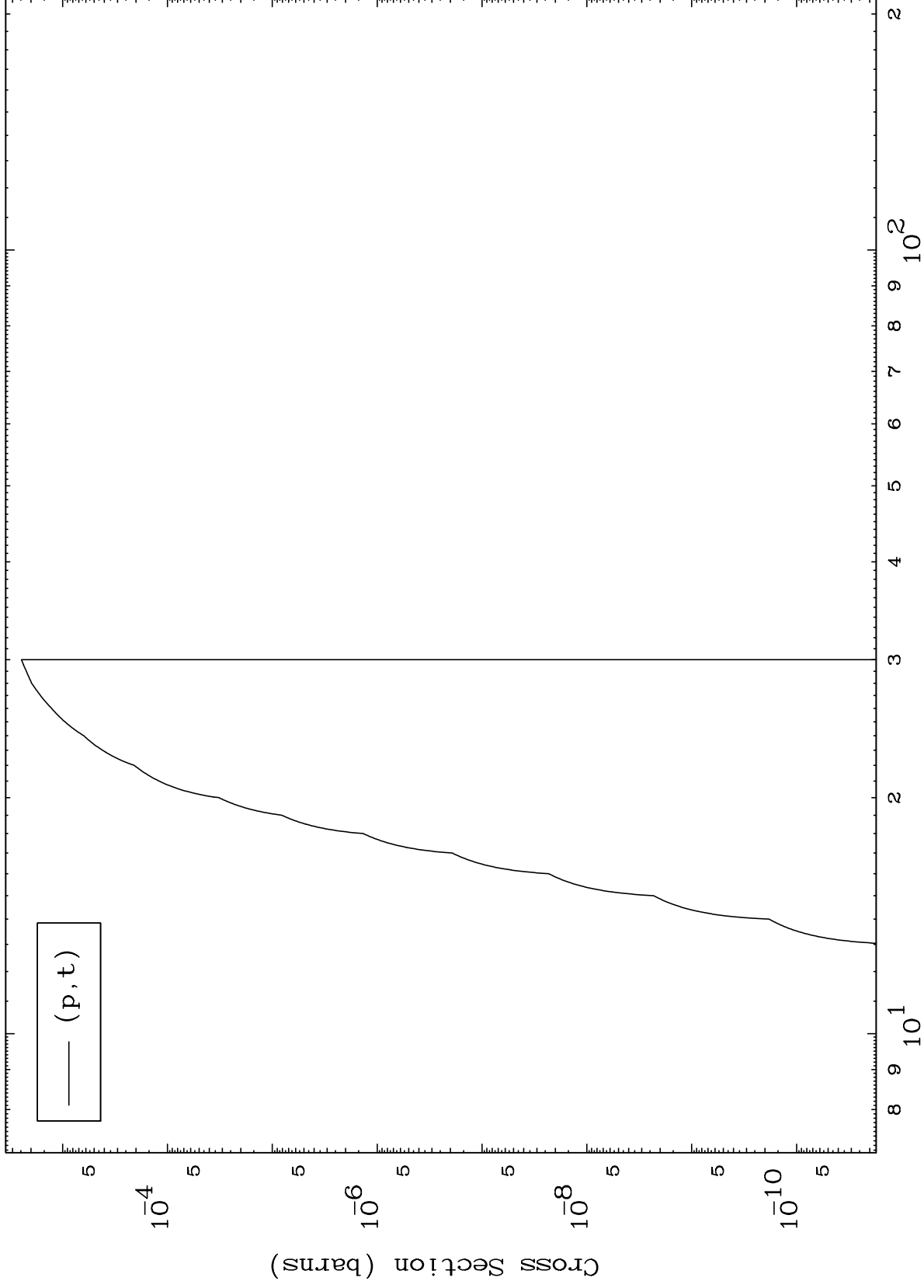
Incident Energy (MeV)

82-Pb-202

MAT 8219

(p, t) Levels
0 Kelvin Cross Sections

82-Pb-202



8

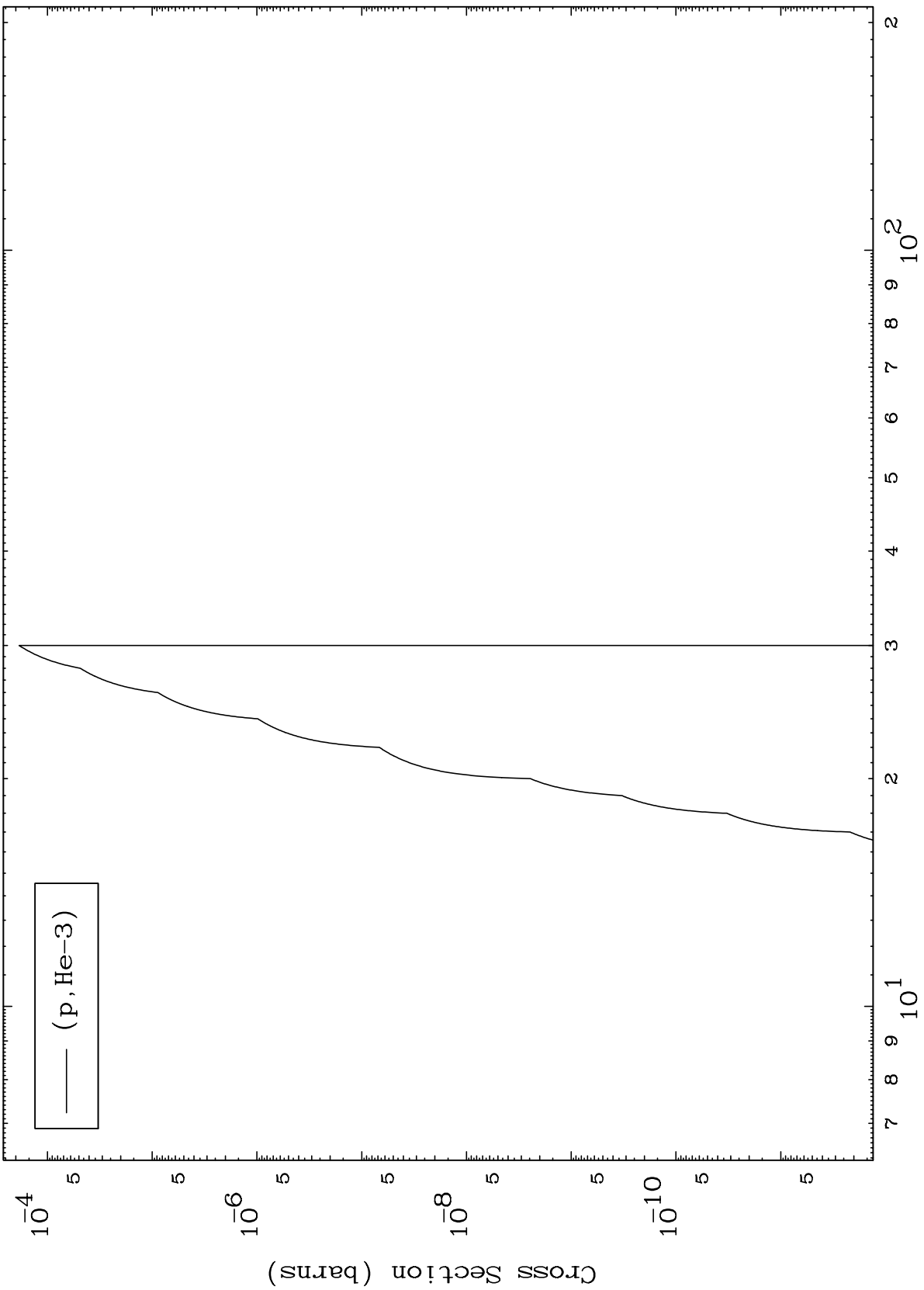
Incident Energy (MeV)

82-Pb-202

MAT 8219

82-Pb-202

(p,He3) Levels
0 Kelvin Cross Sections



9

Incident Energy (MeV)

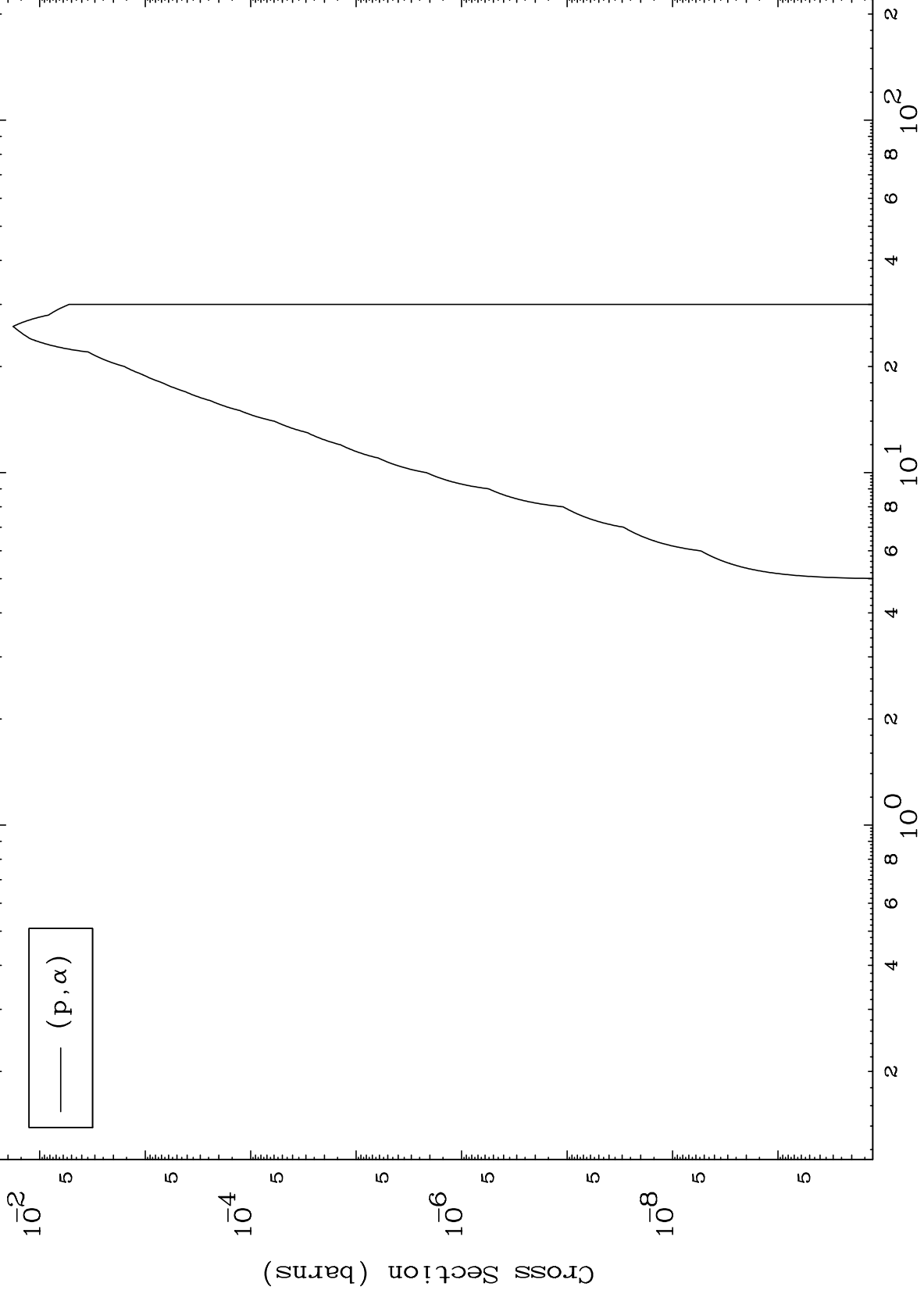
82-Pb-202

MAT 8219

(p, α) Levels

82-Pb-202

0 Kelvin Cross Sections

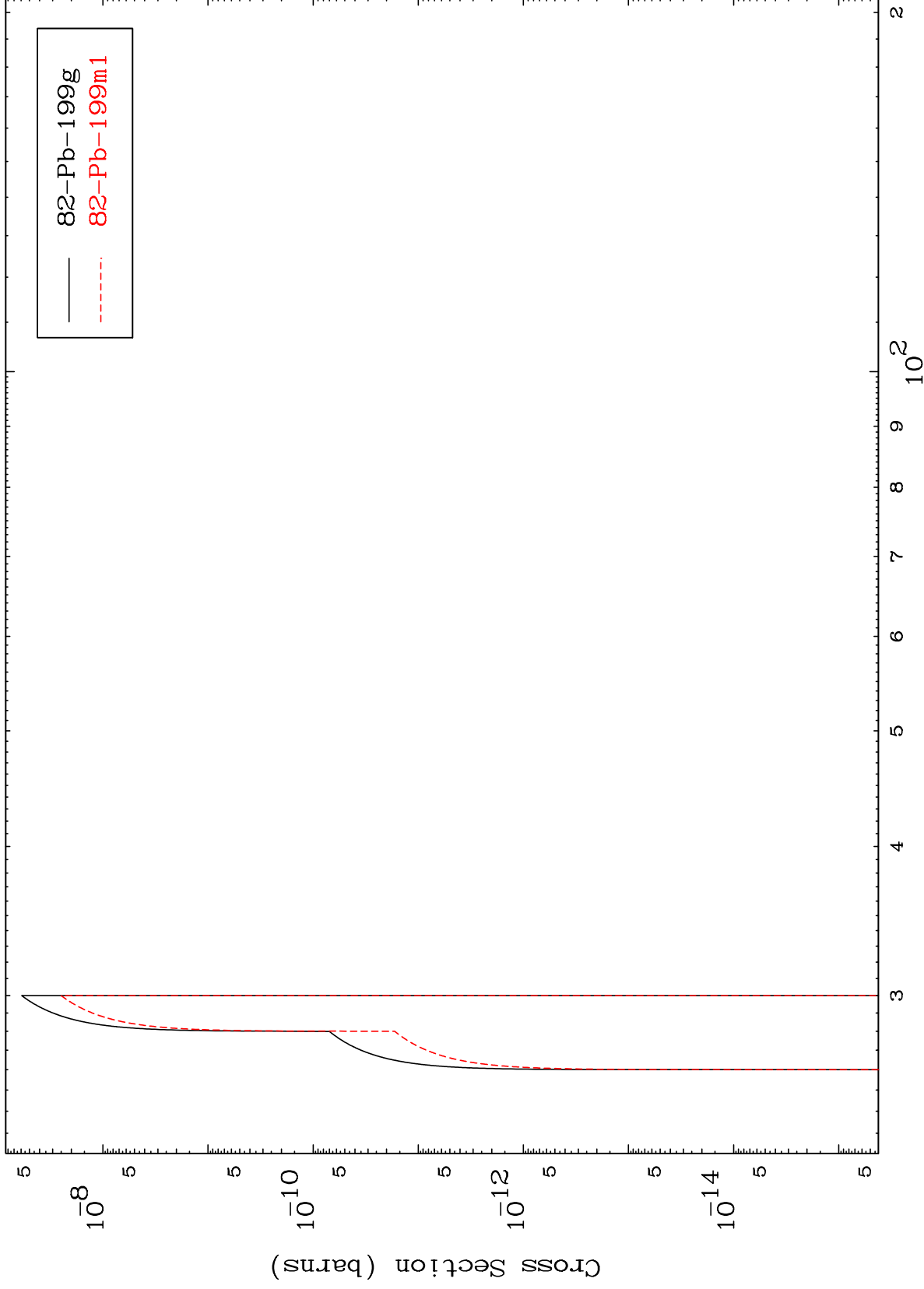


10

Incident Energy (MeV)

82-Pb-202

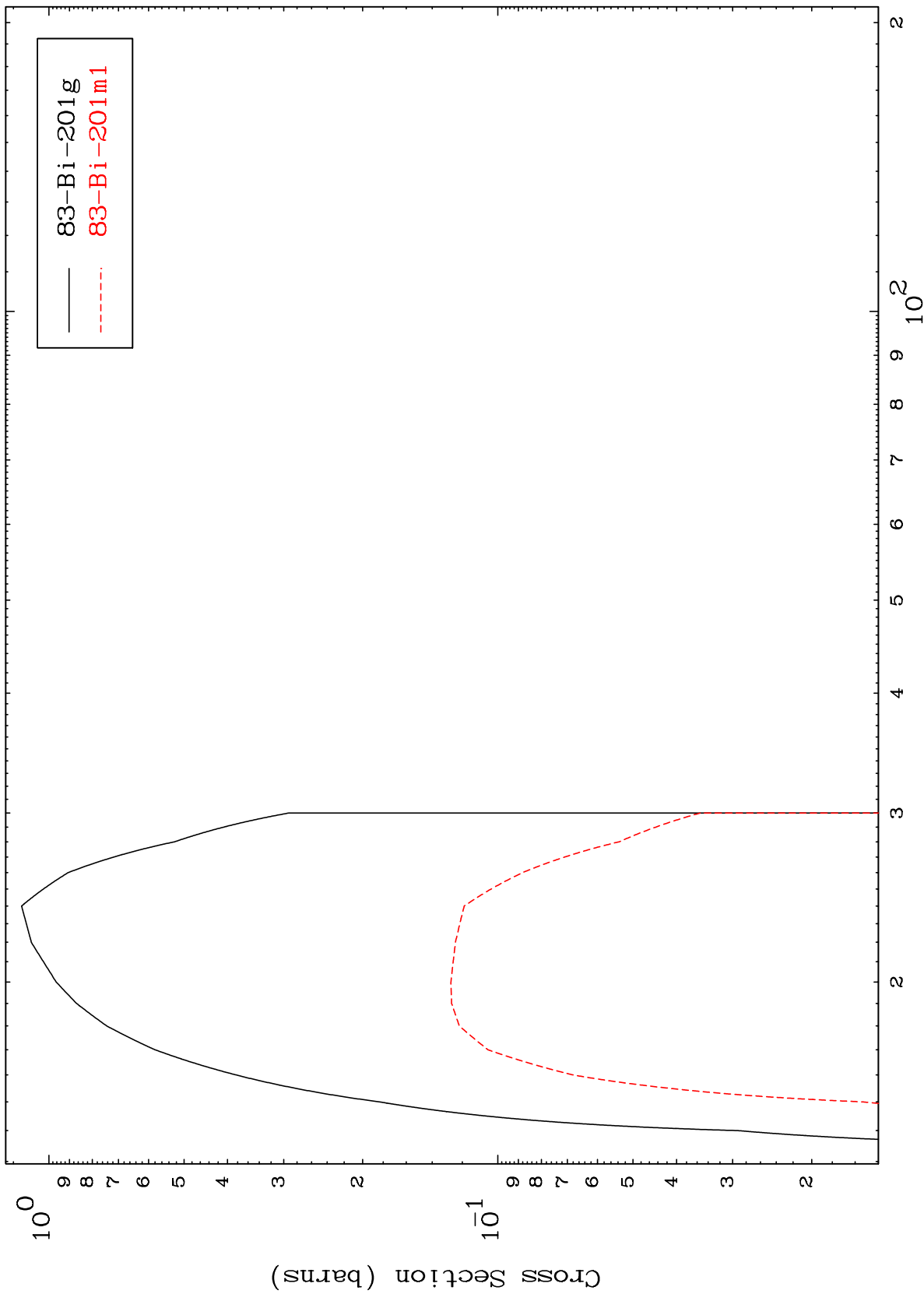
Radionuclide Production Cross Section



MAT 8219

82-Pb-202

(p,2n)
Radionuclide Production Cross Section



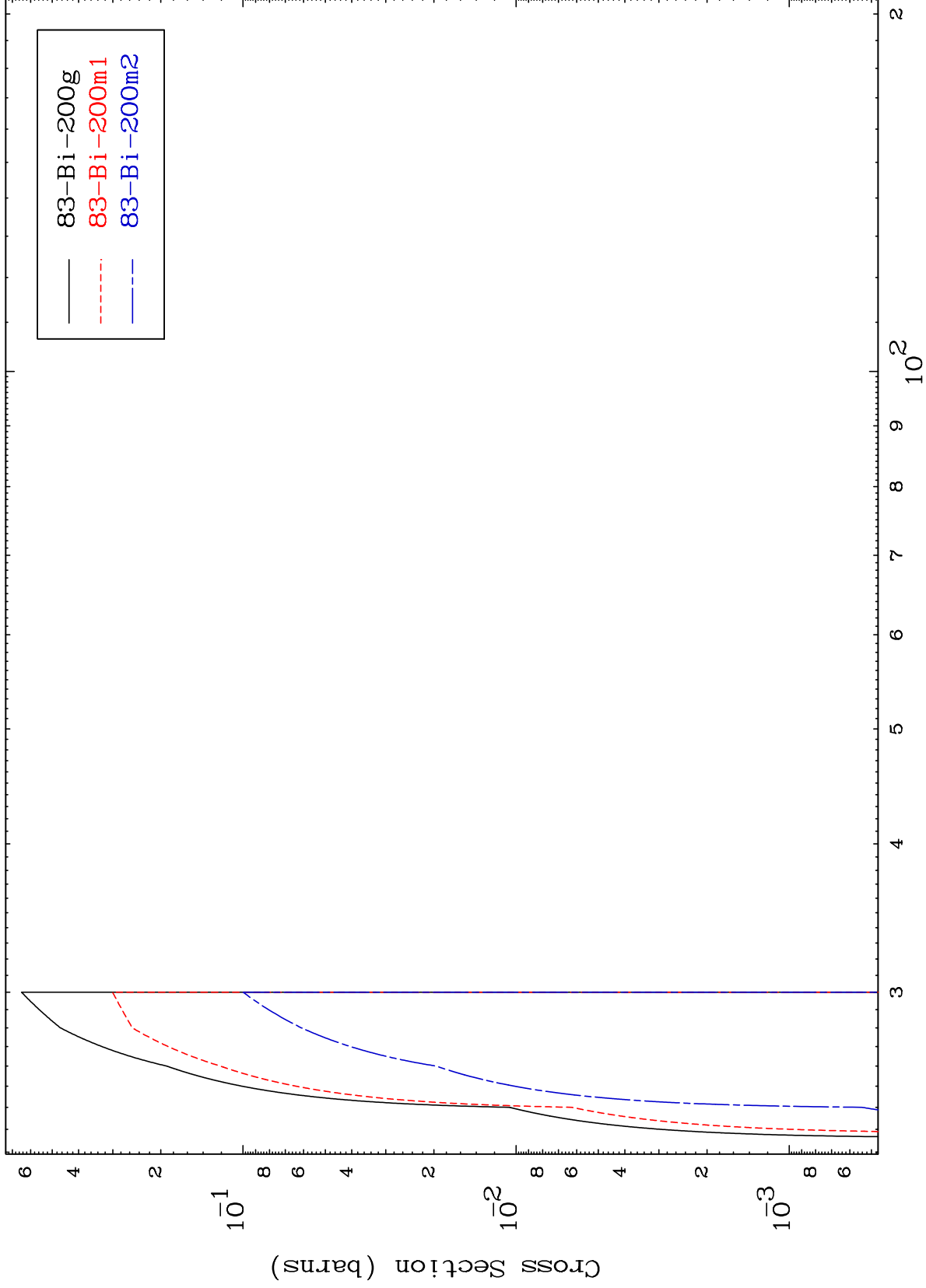
83-Bi-201g
83-Bi-201m1

12

Incident Energy (MeV)

82-Pb-202

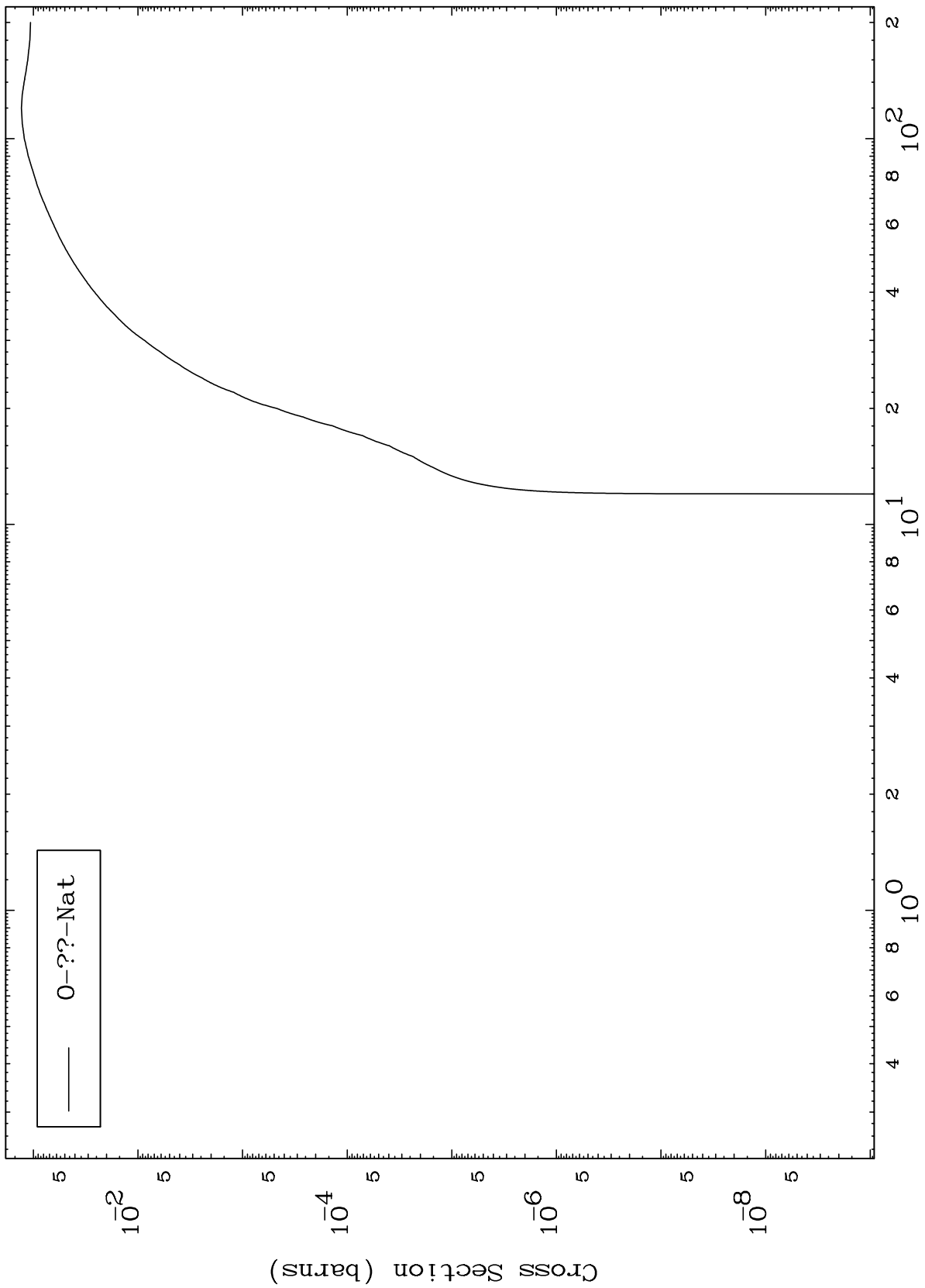
Radionuclide Production Cross Section



MAT 8219

Proton Fission
Radionuclide Production Cross Section

82-Pb-202



14

Incident Energy (MeV)

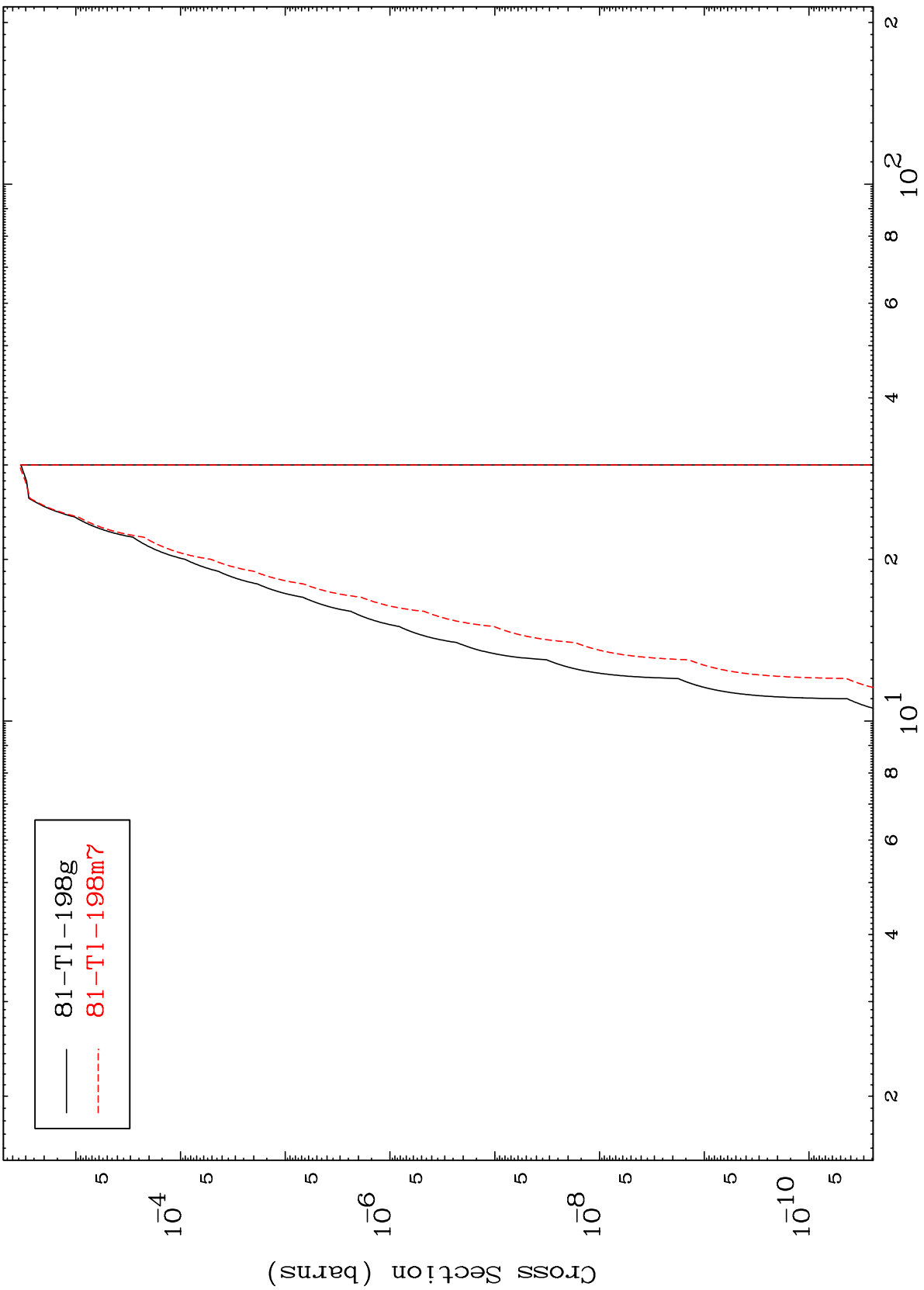
82-Pb-202

MAT 8219

(p,n') α

82-Pb-202

Radionuclide Production Cross Section



15

Incident Energy (MeV)

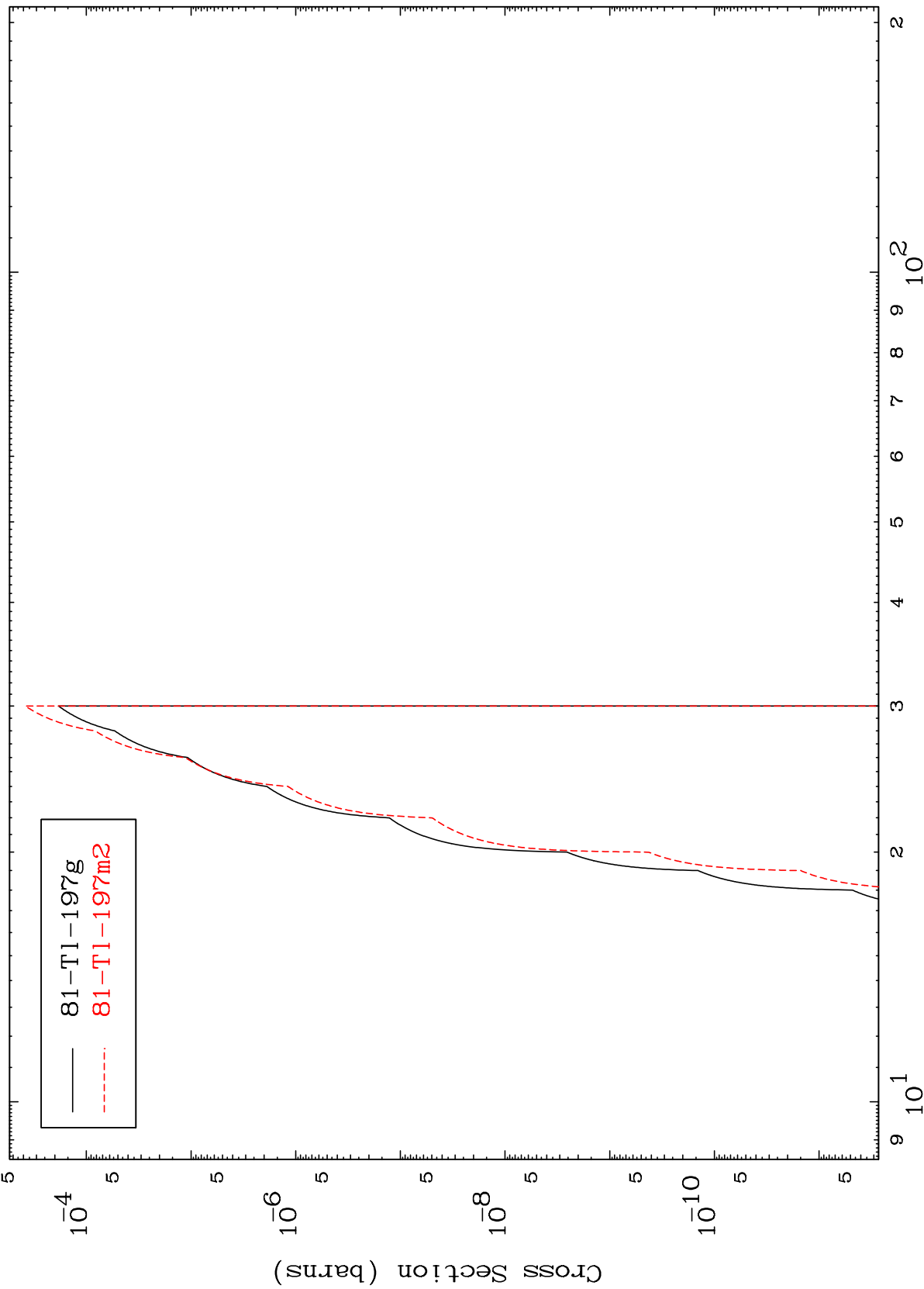
82-Pb-202

MAT 8219

(p,2n) α

82-Pb-202

Radionuclide Production Cross Section



81-Tl-197g
81-Tl-197m2

Incident Energy (MeV)

82-Pb-202

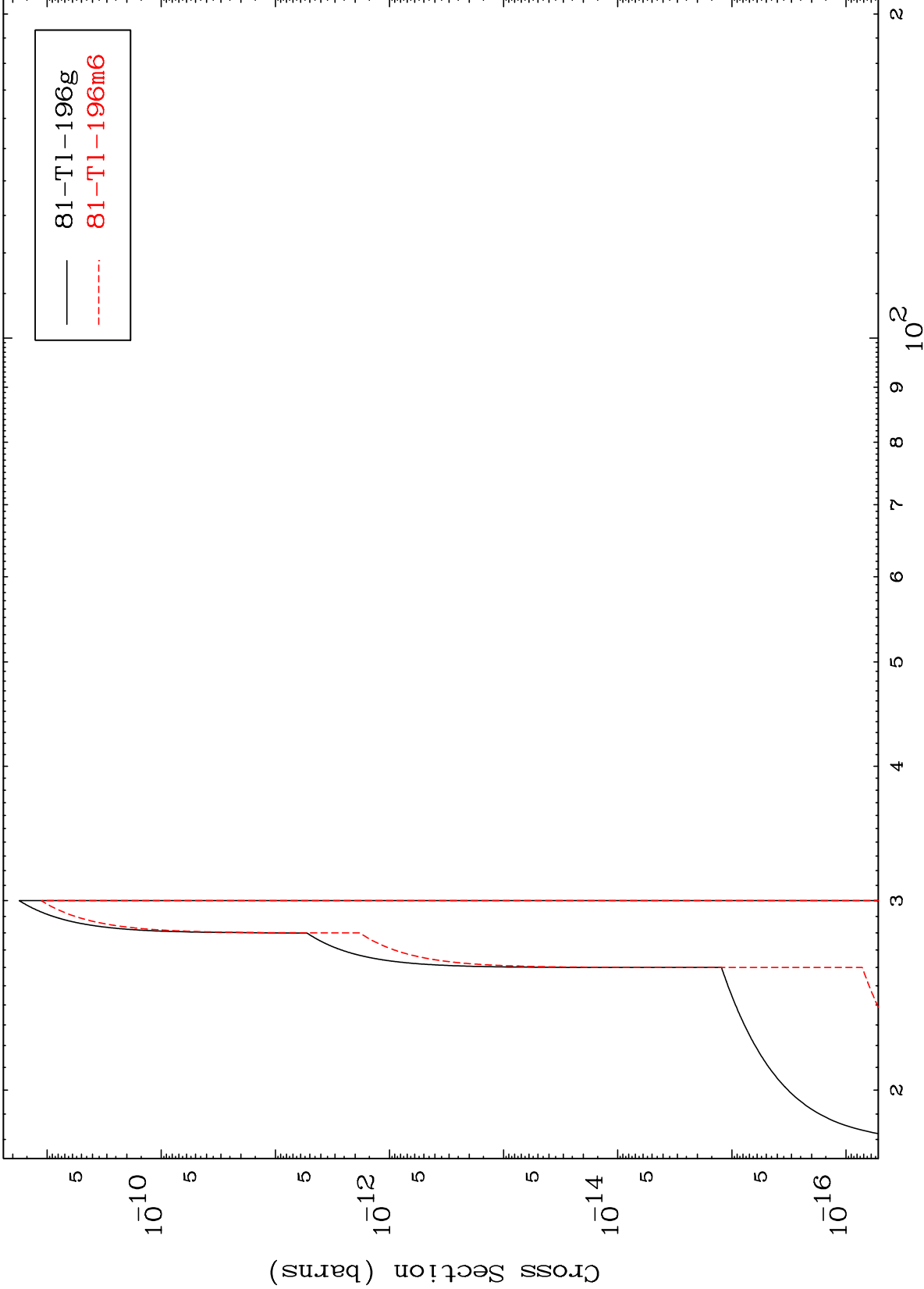
16

MAT 8219

(p,3n) α

82-Pb-202

Radionuclide Production Cross Section



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

17

Incident Energy (MeV)

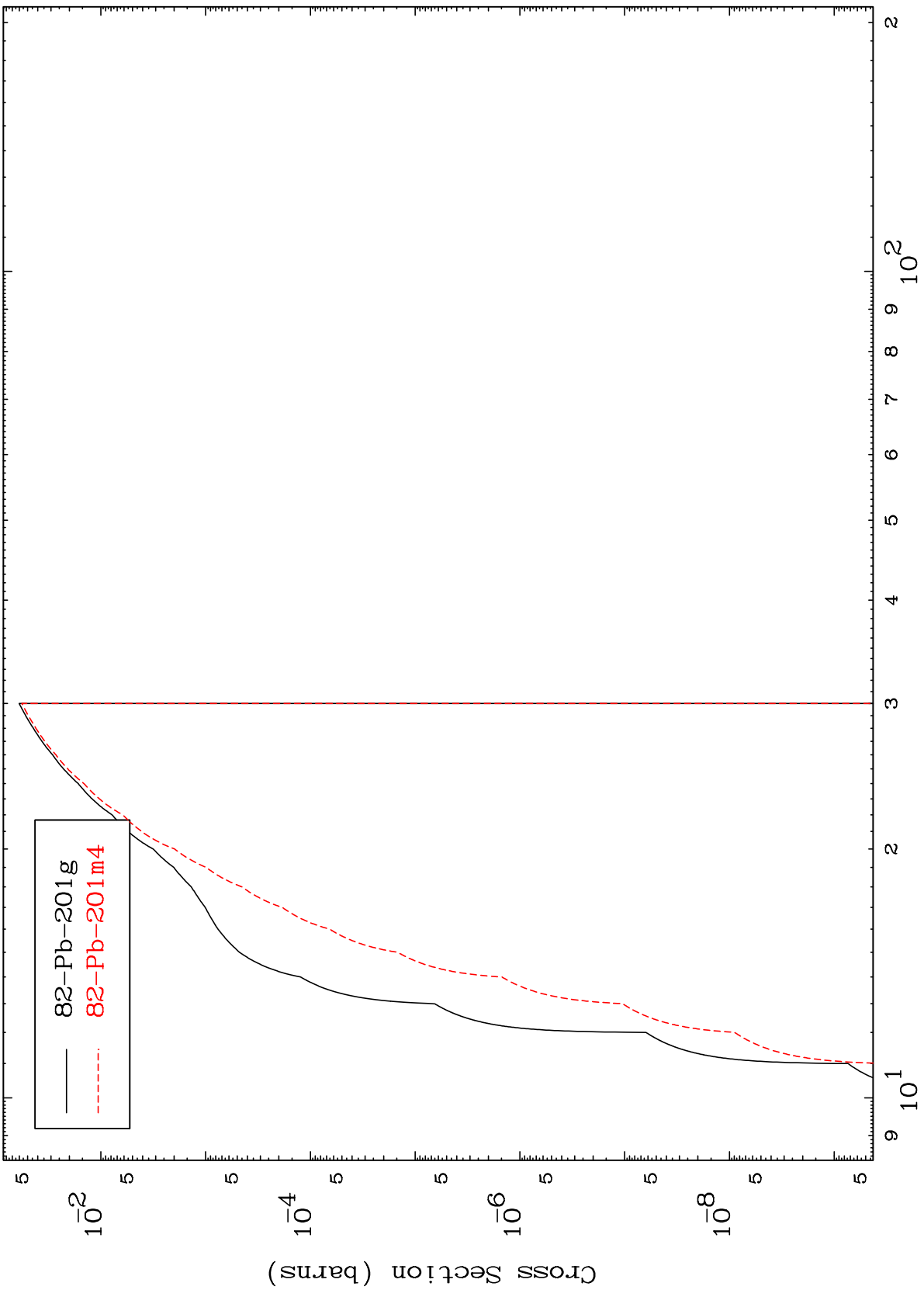
82-Pb-202

MAT 8219

(p,n') p

82-Pb-202

Radionuclide Production Cross Section



18

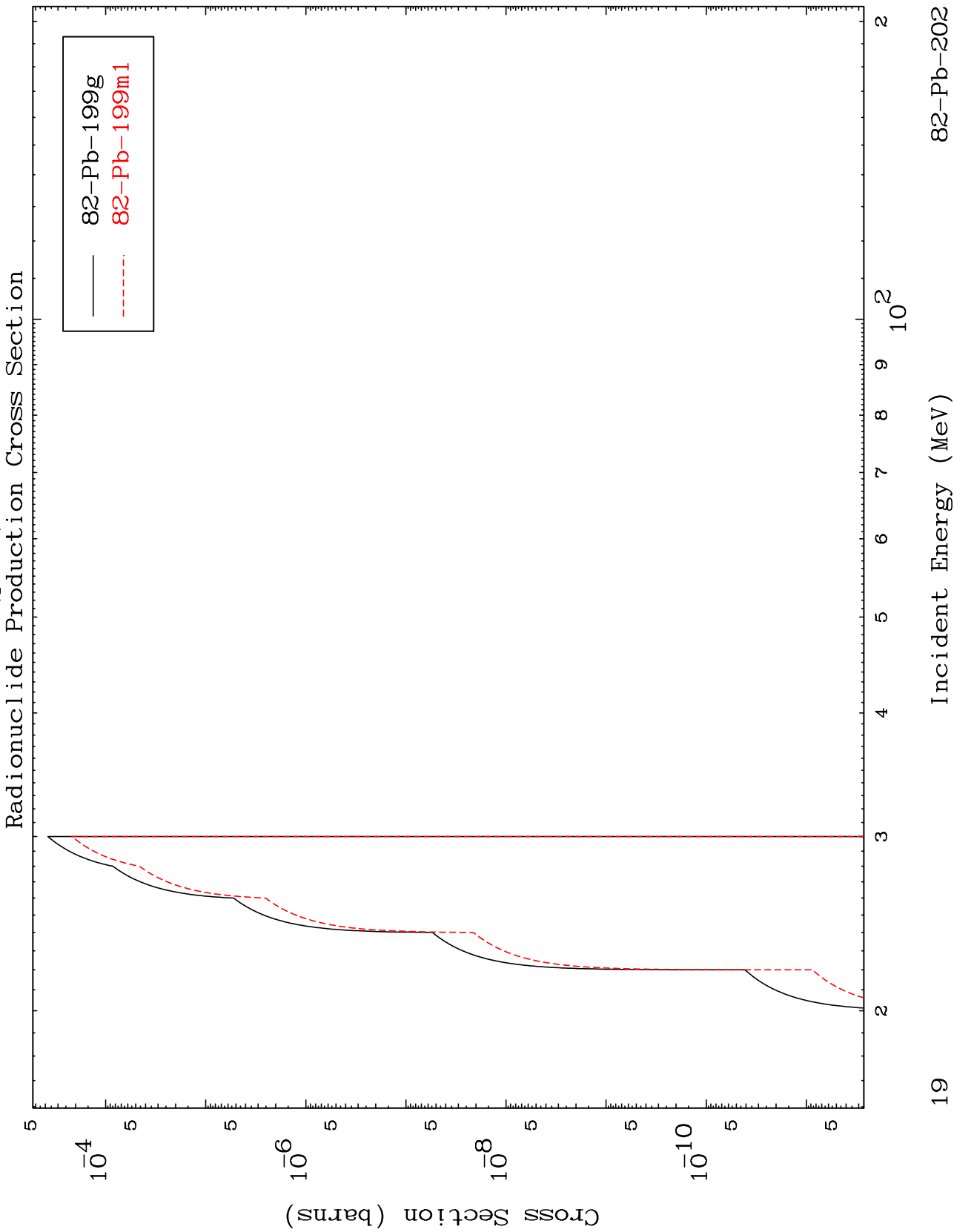
Incident Energy (MeV)

82-Pb-202

MAT 8219

(p,n') t

82-Pb-202



19

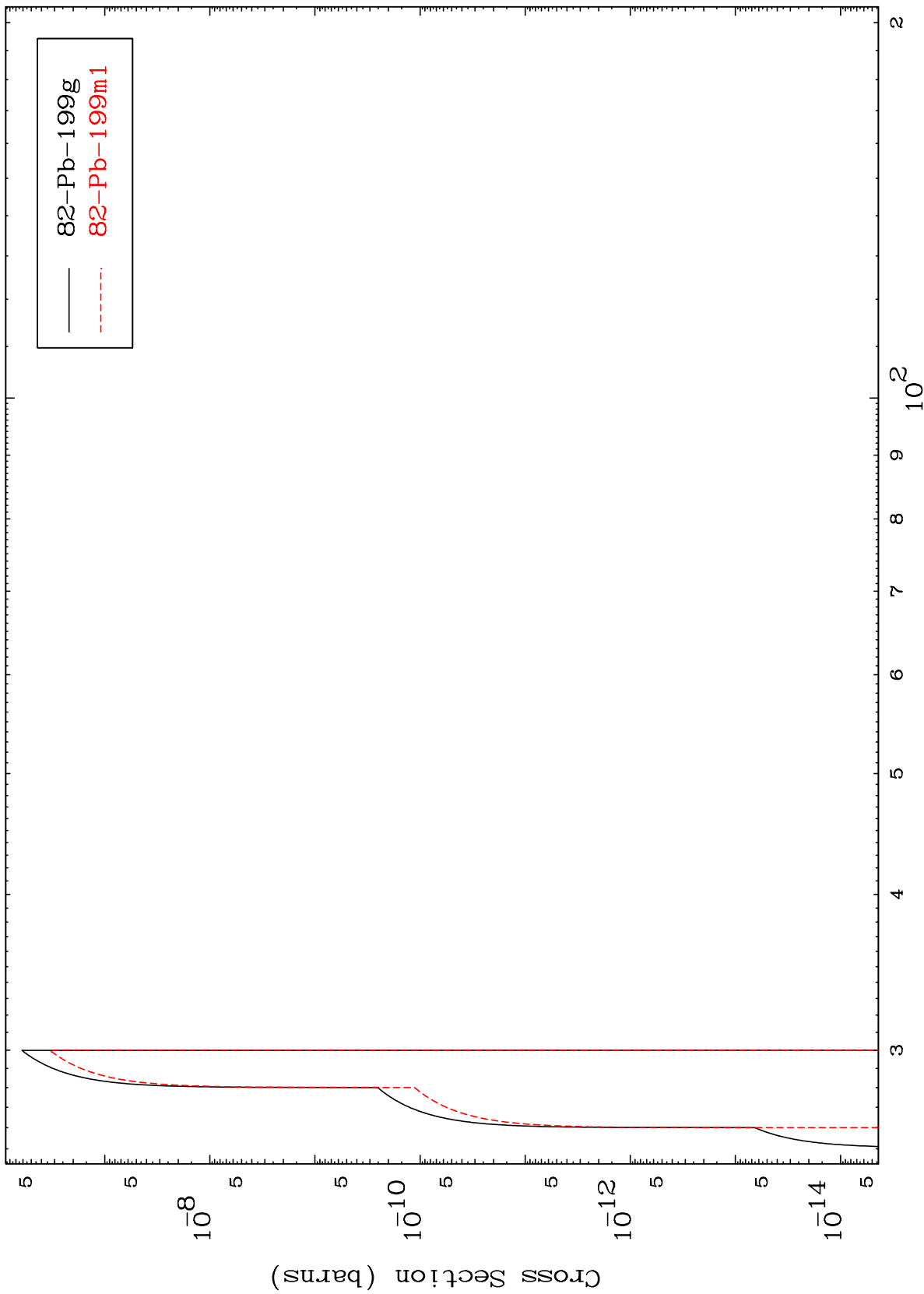
82-Pb-202

MAT 8219

(p,3n) p

82-Pb-202

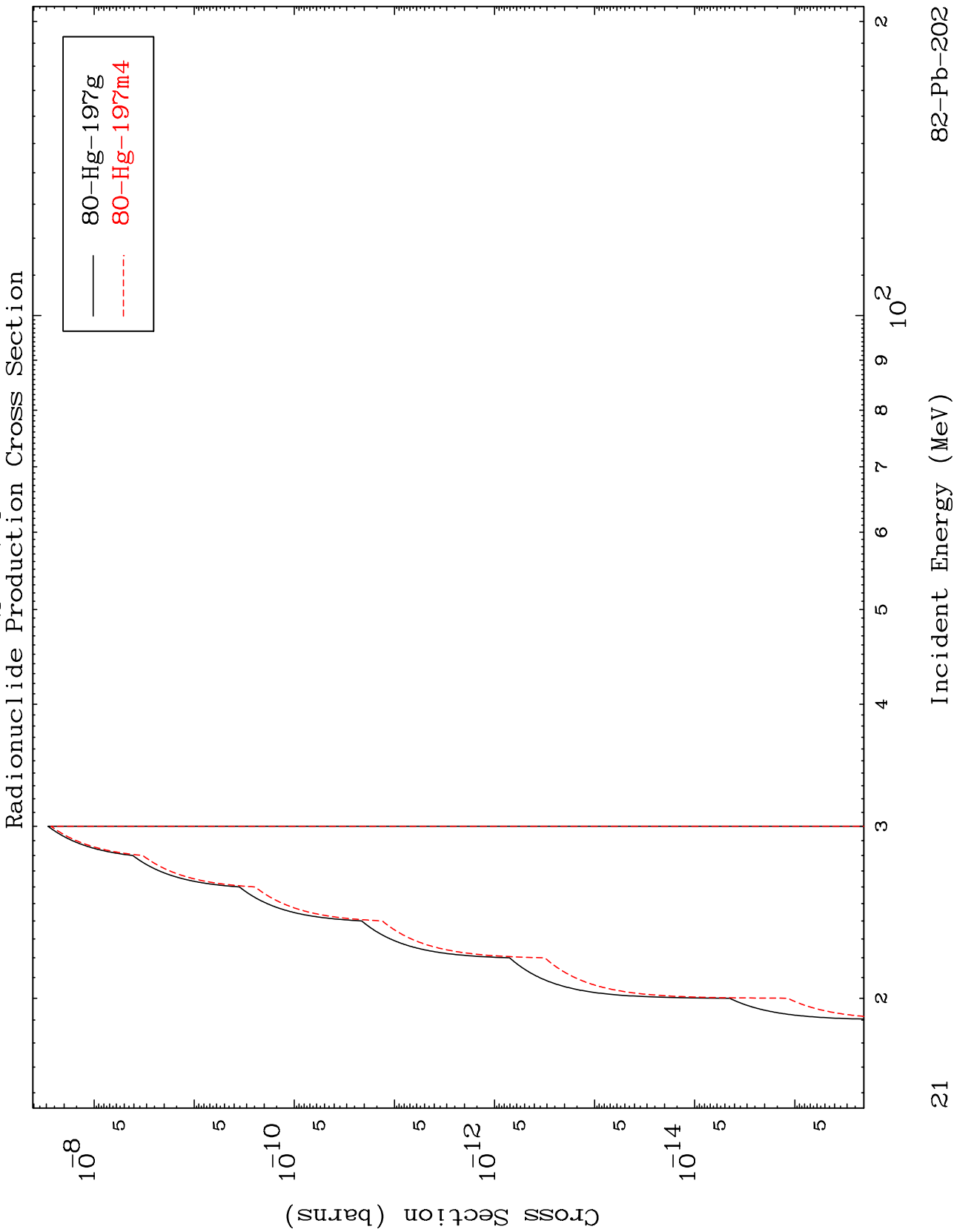
Radionuclide Production Cross Section



20

Incident Energy (MeV)

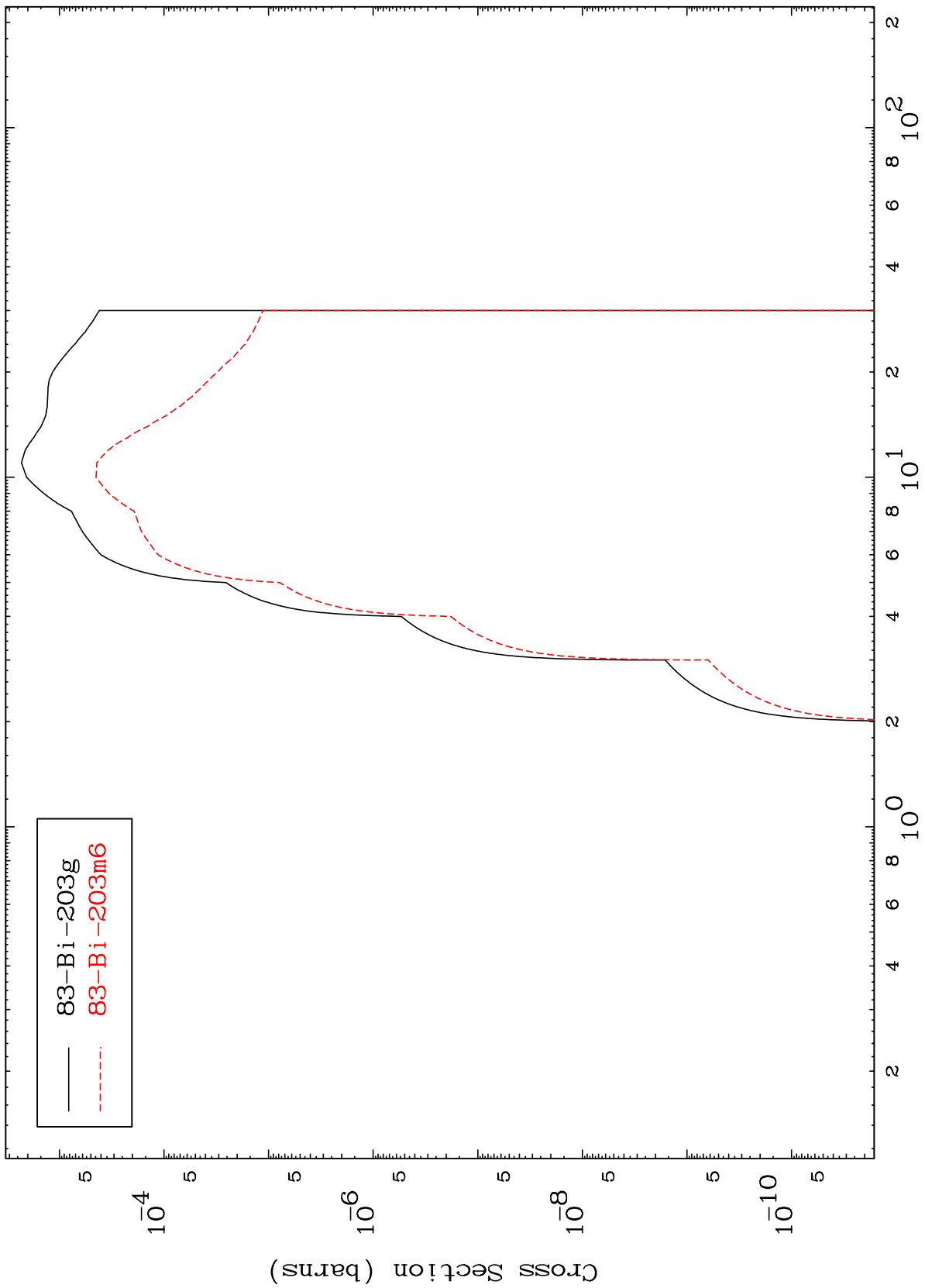
82-Pb-202



MAT 8219

82-Pb-202

(p, γ)
Radionuclide Production Cross Section



— 83-Bi-203g
- - - 83-Bi-203m6

82-Pb-202

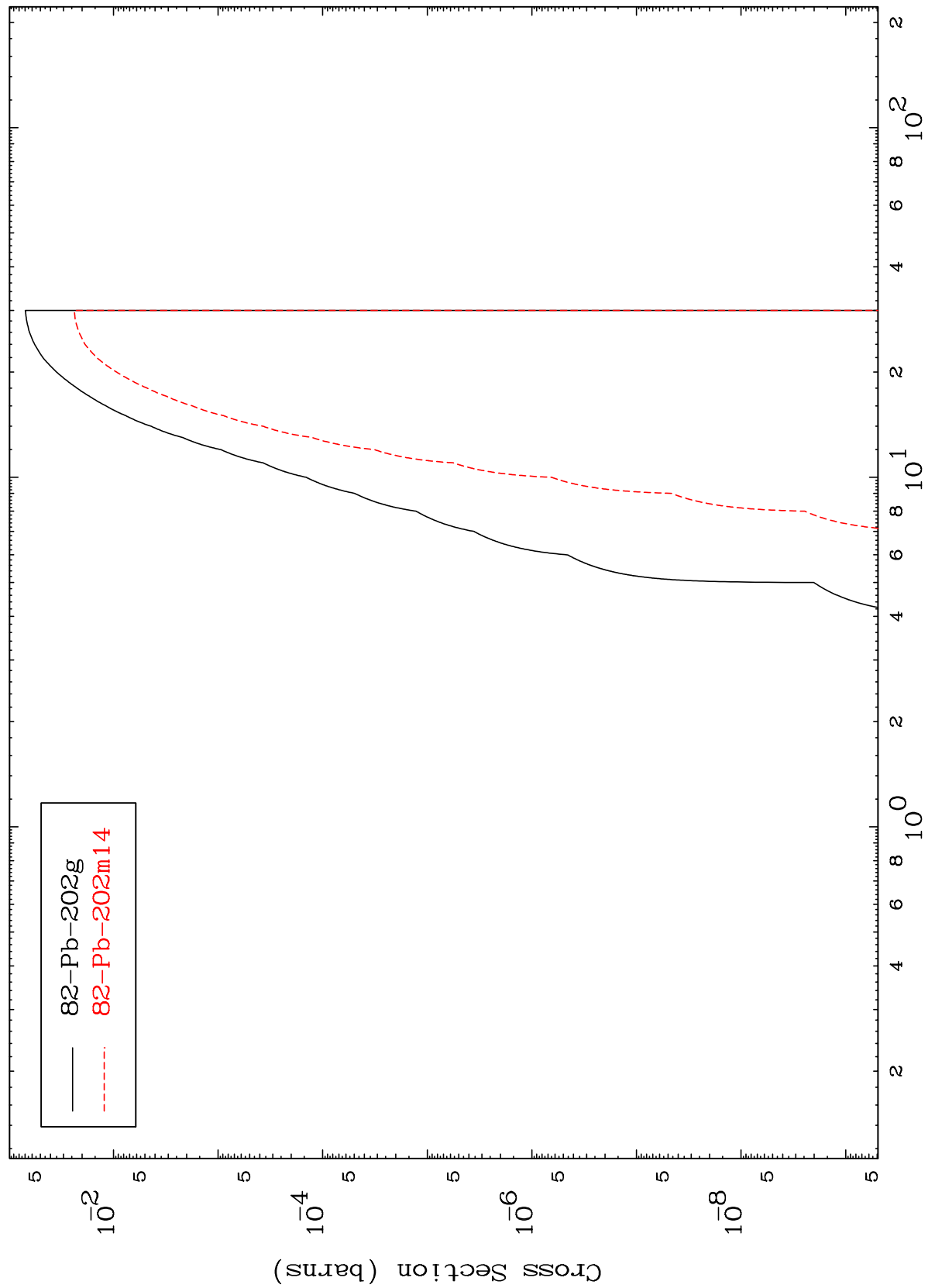
Incident Energy (MeV)

22

MAT 8219

82-Pb-202

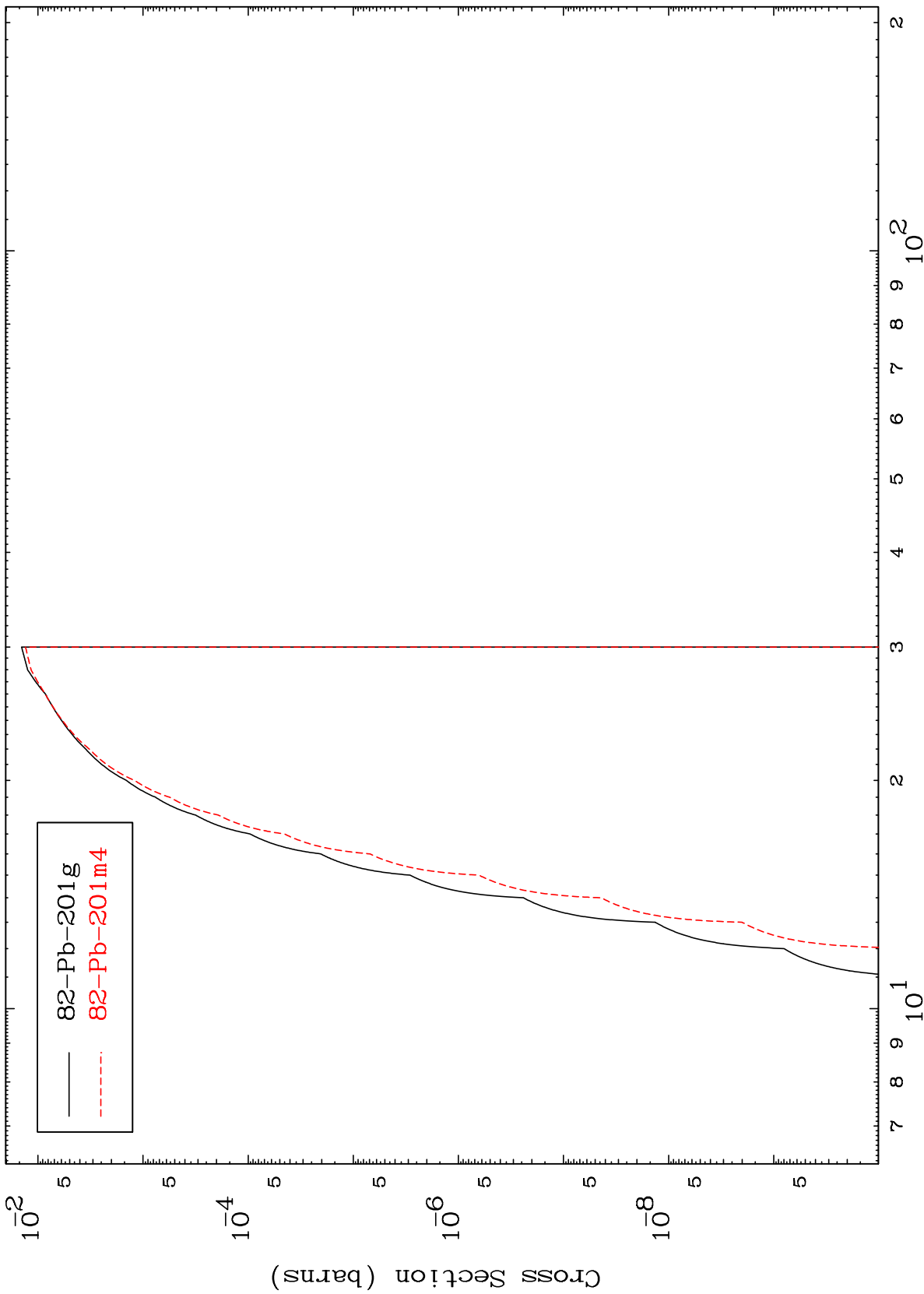
(p,p)
Radionuclide Production Cross Section



MAT 8219

82-Pb-202

(p,d)
Radionuclide Production Cross Section



24

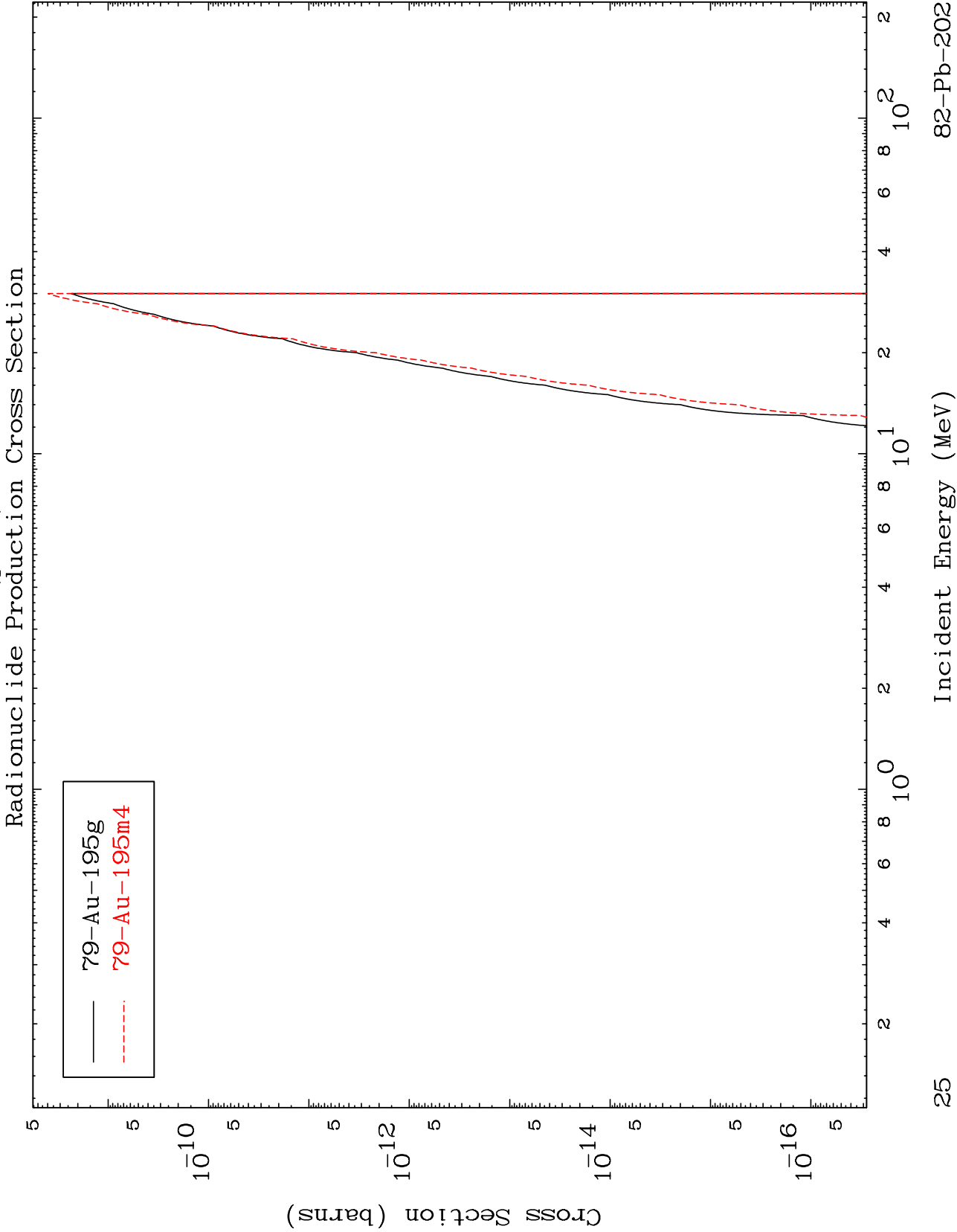
Incident Energy (MeV)

82-Pb-202

MAT 8219

(p,2 α)

82-Pb-202

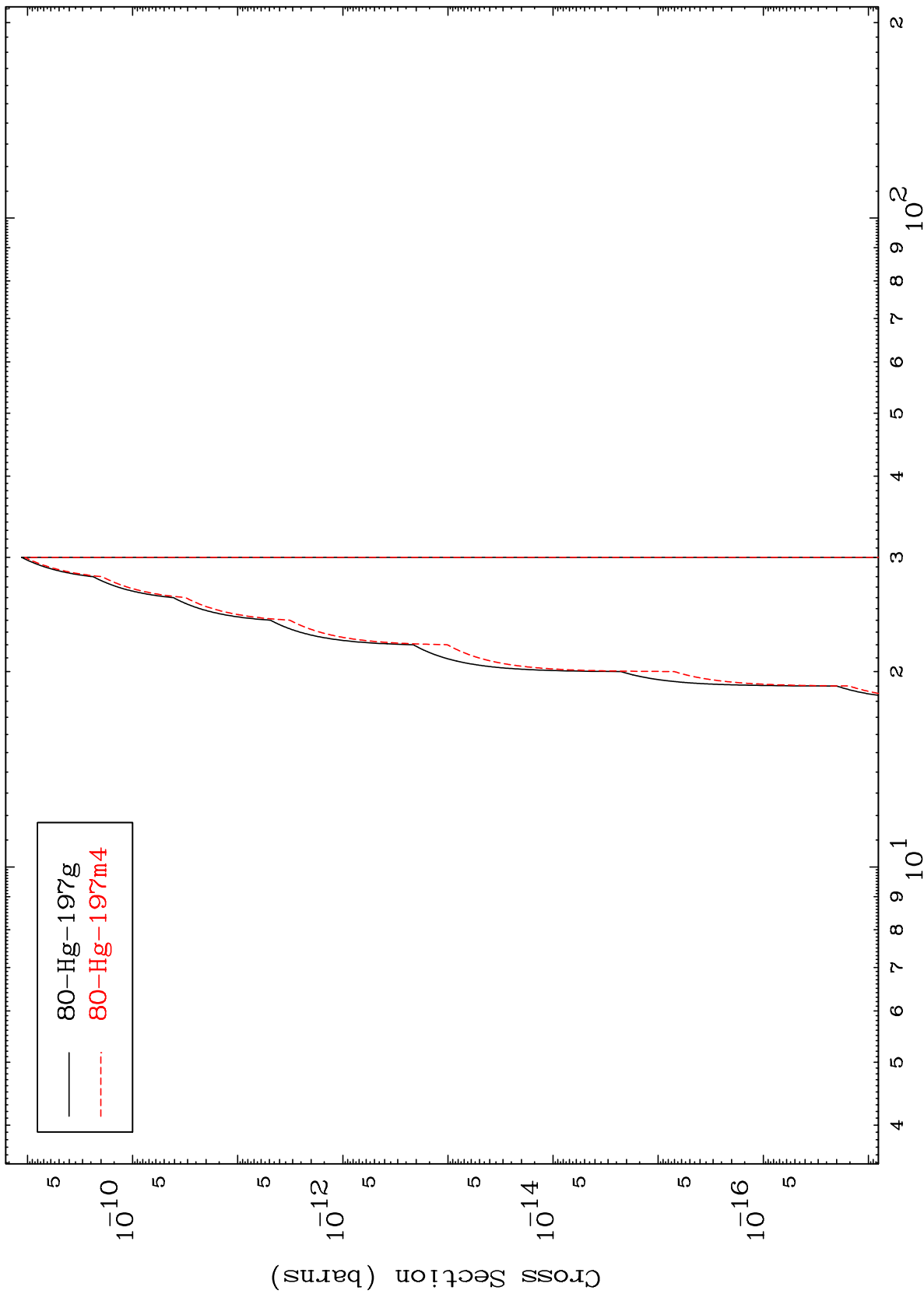


MAT 8219

(p,d) α

82-Pb-202

Radionuclide Production Cross Section



— 80-Hg-197g
- - - 80-Hg-197m4