

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

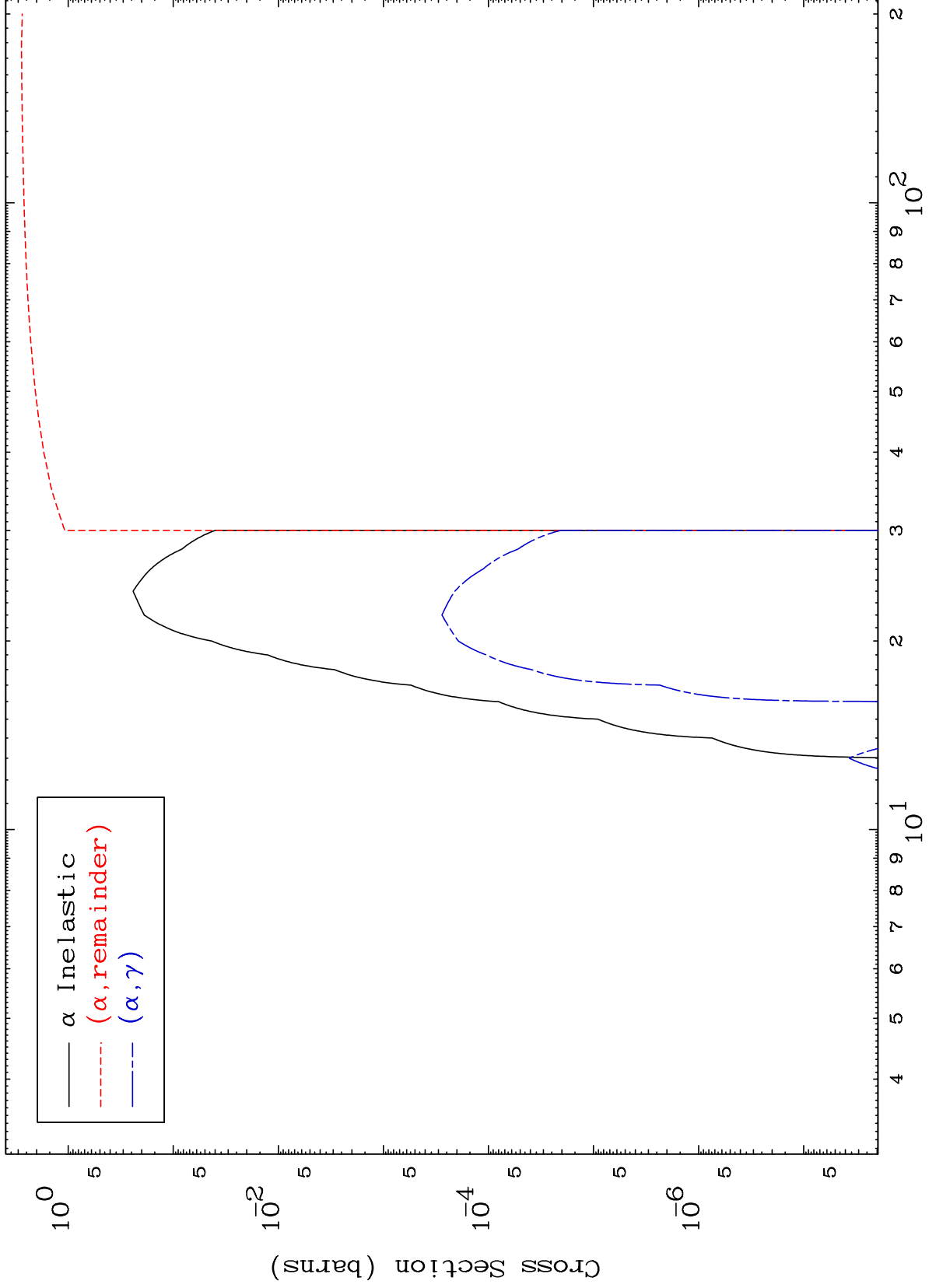
Press Mouse Button to Start

MAT 8220

α Major

82-Pb-202

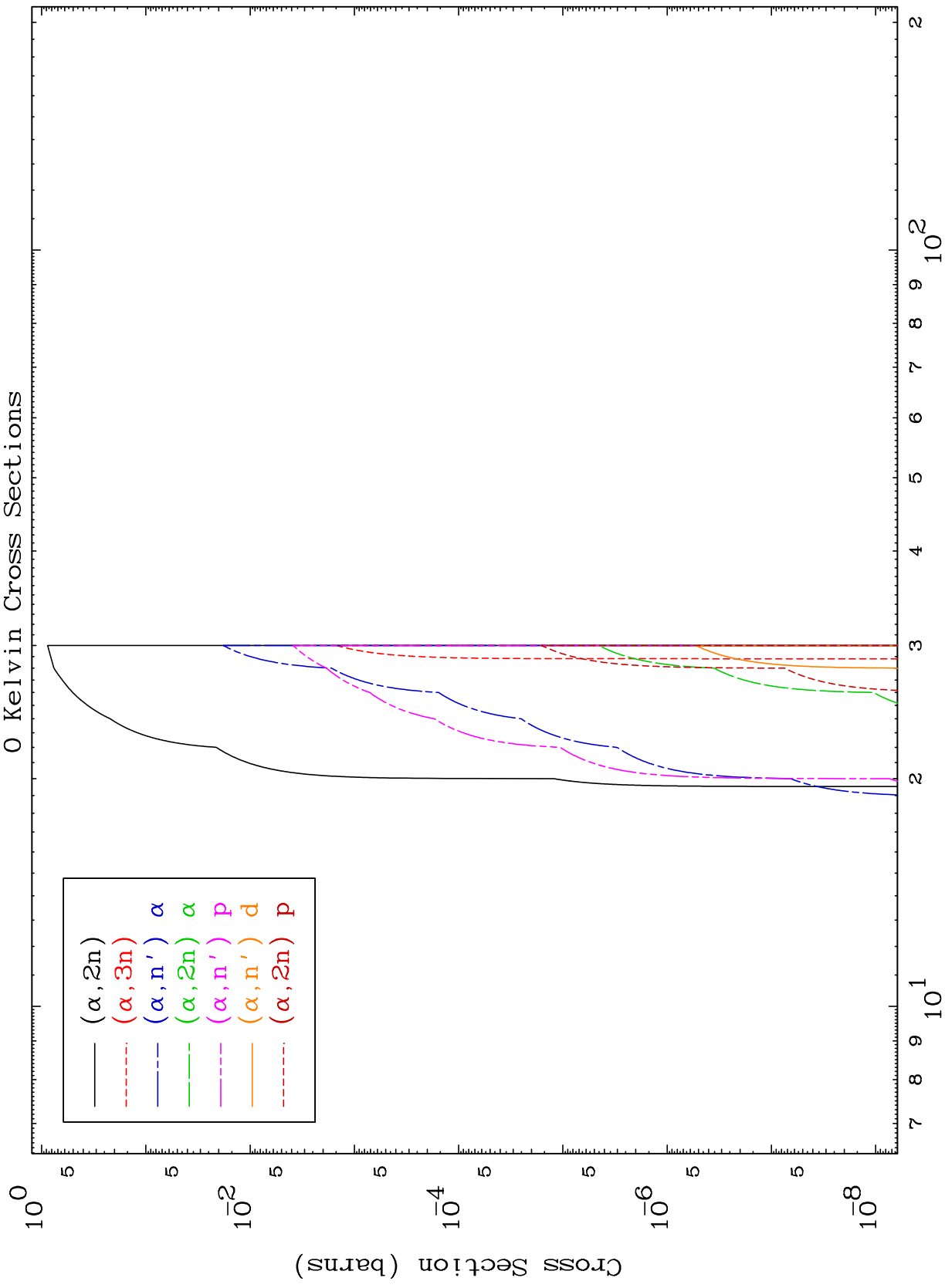
0 Kelvin Cross Sections



MAT 8220

α Neutron Production
0 Kelvin Cross Sections

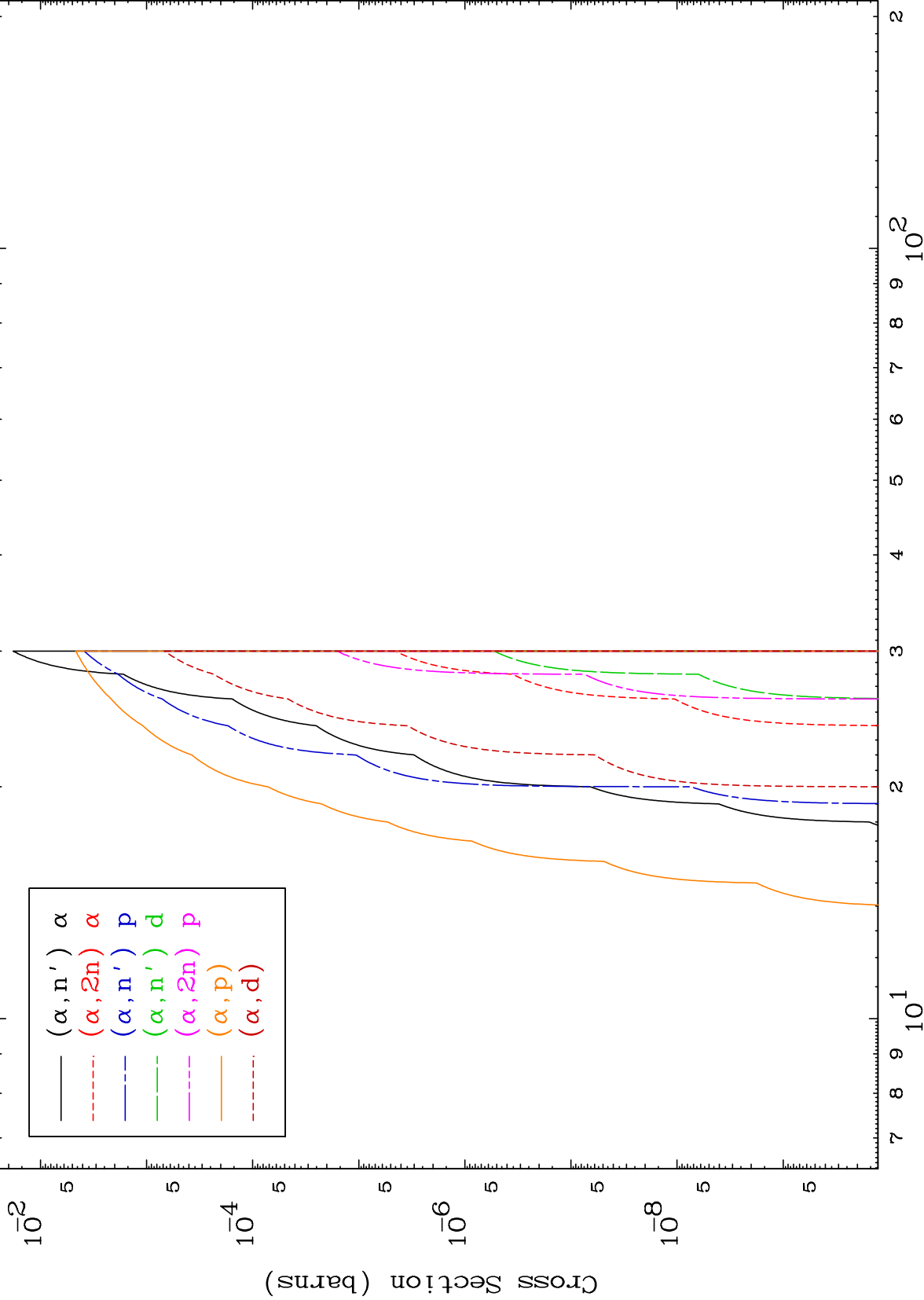
82-Pb-202



2

Incident Energy (MeV)

82-Pb-202

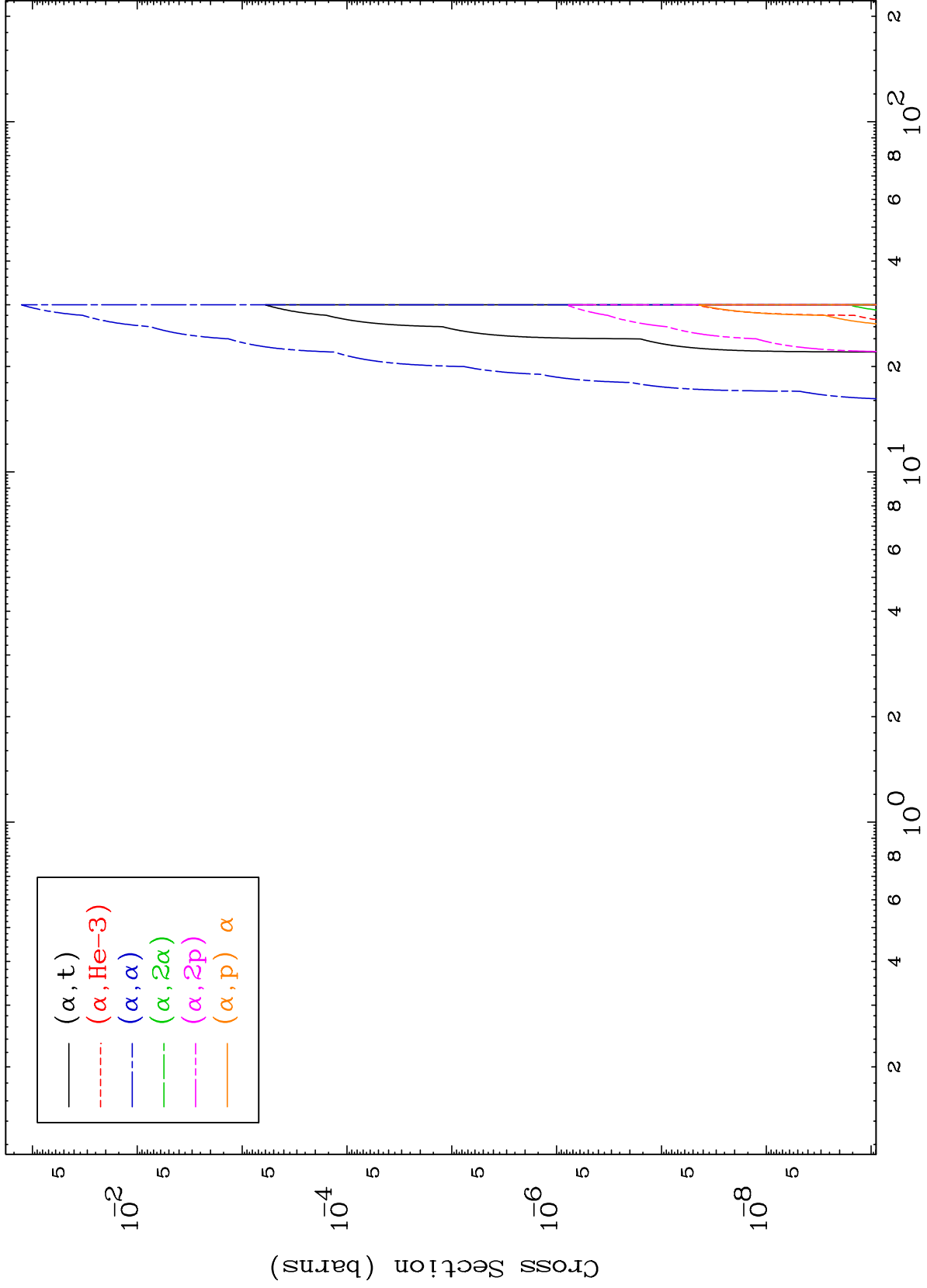


MAT 8220

α Charged Particle

82-Pb-202

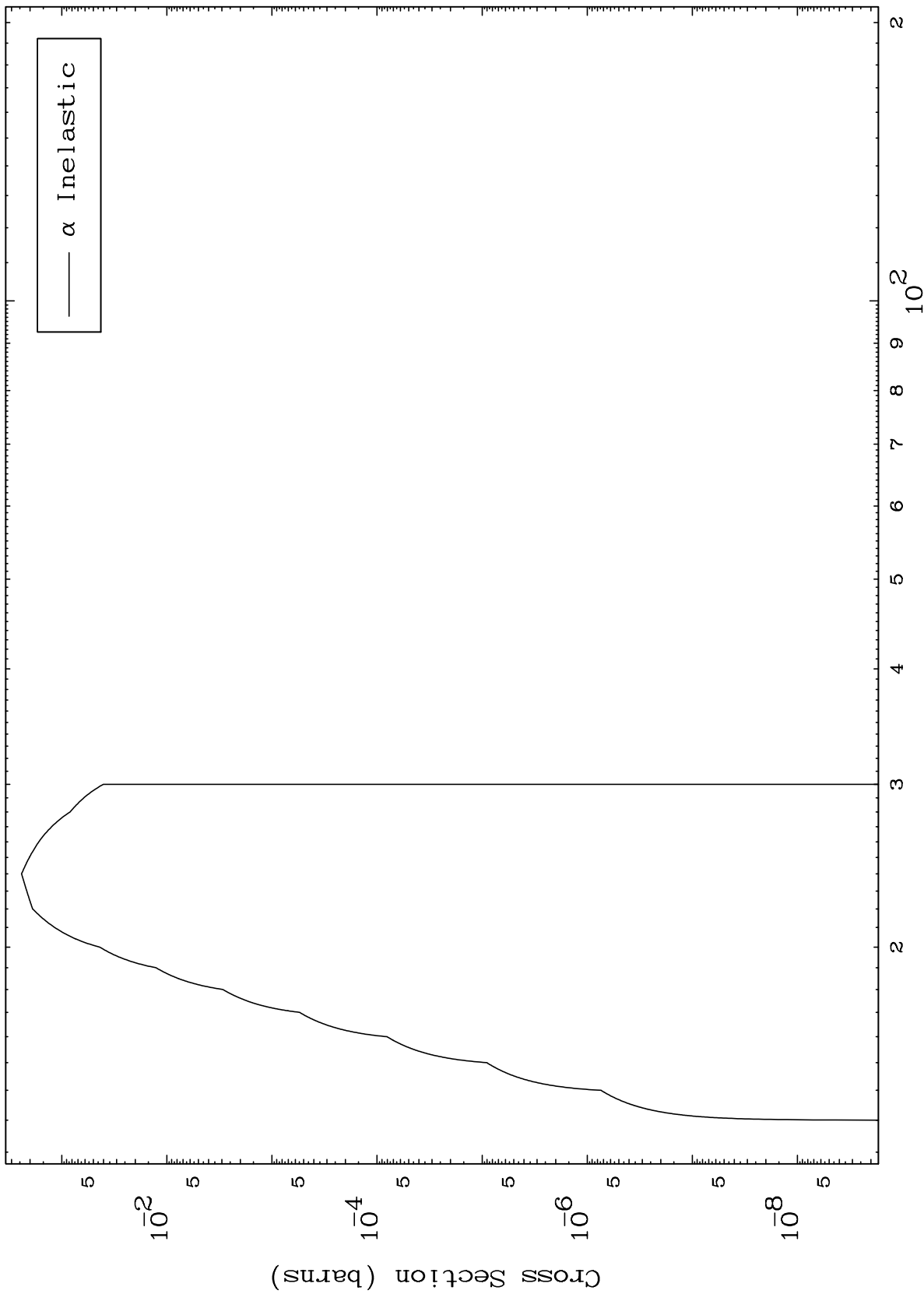
0 Kelvin Cross Sections



MAT 8220

(α, n') Level
0 Kelvin Cross Sections

82-Pb-202



— α Inelastic

5

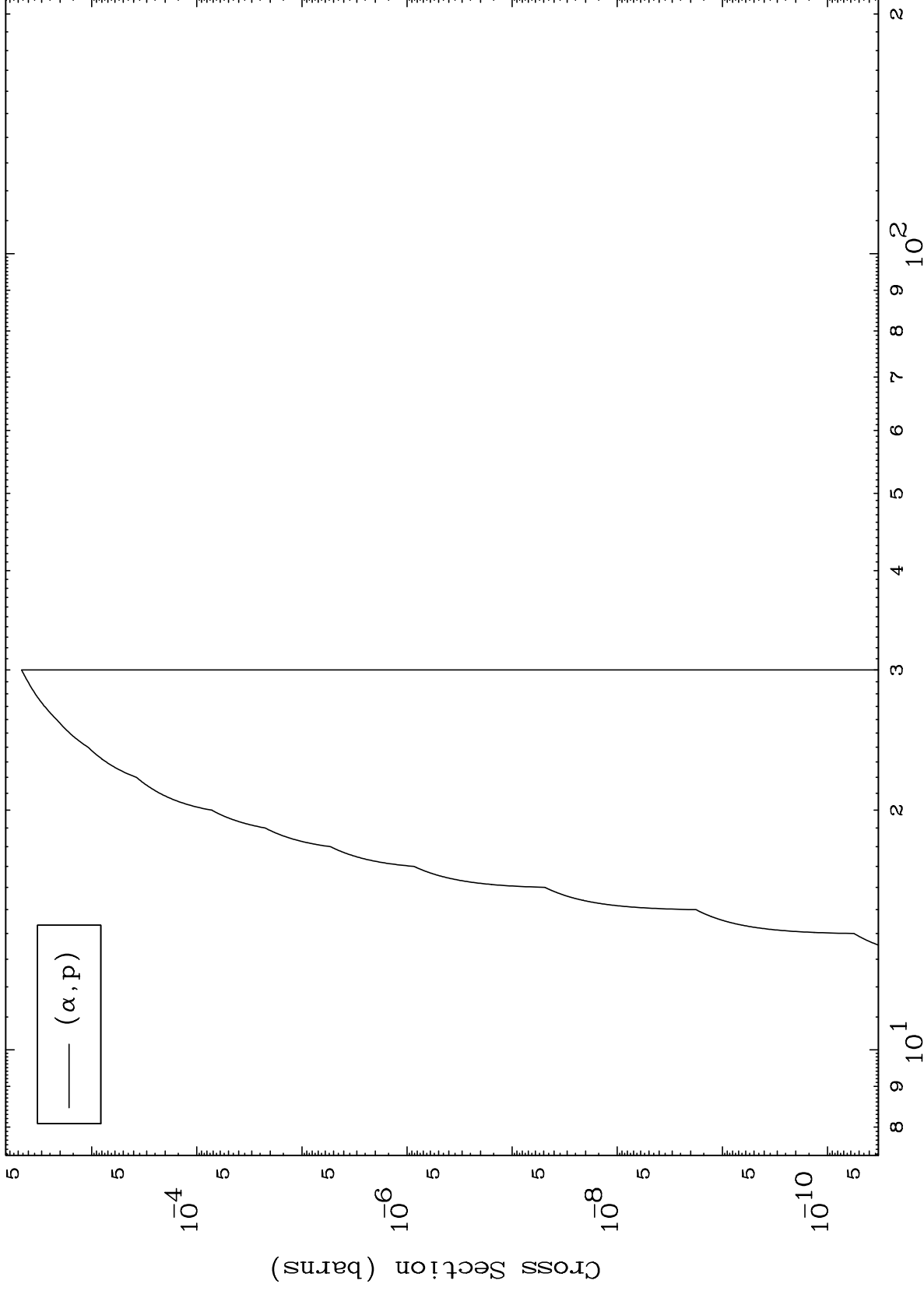
Incident Energy (MeV)

82-Pb-202

MAT 8220

(α, p) Levels
0 Kelvin Cross Sections

82-Pb-202



6

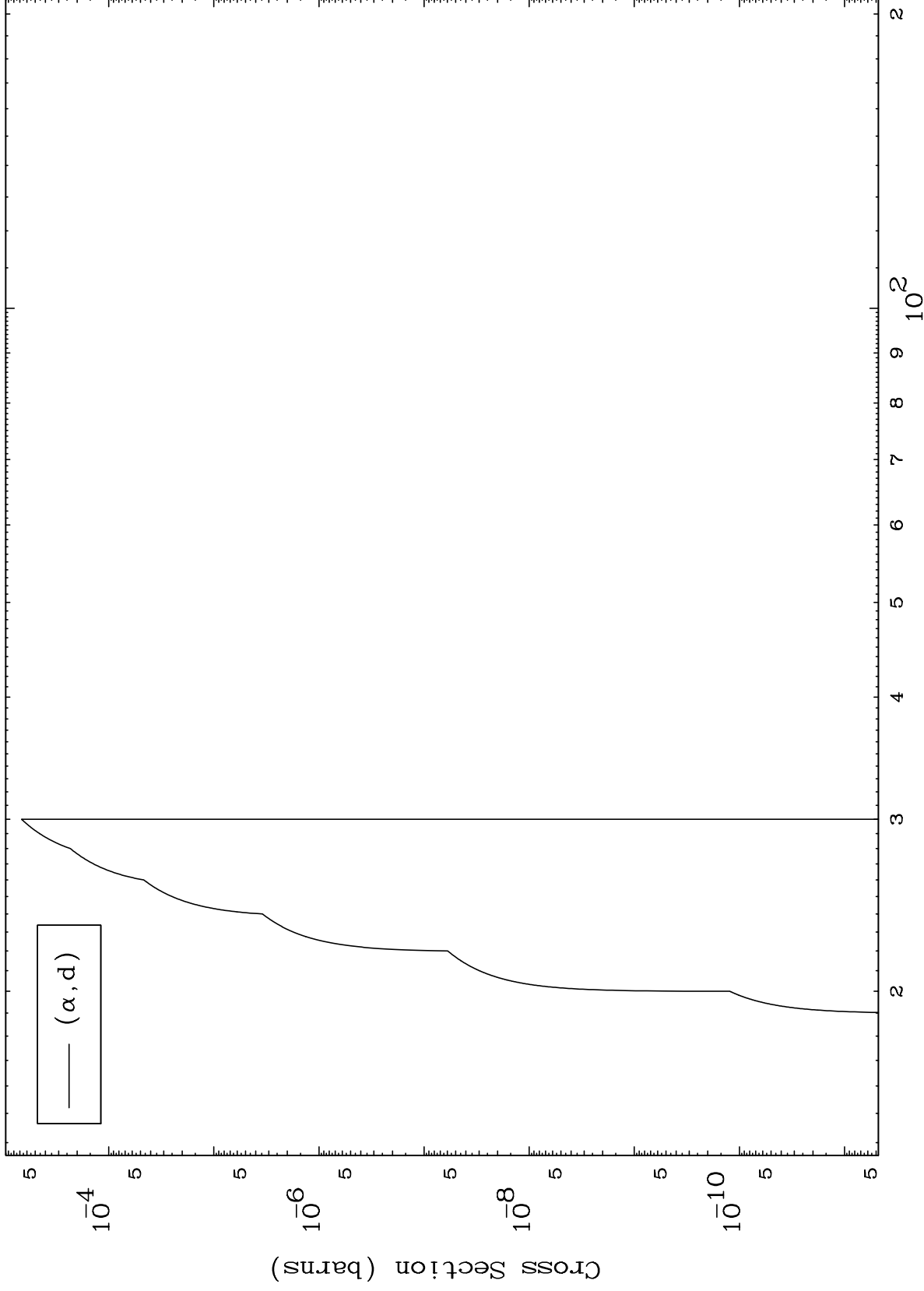
Incident Energy (MeV)

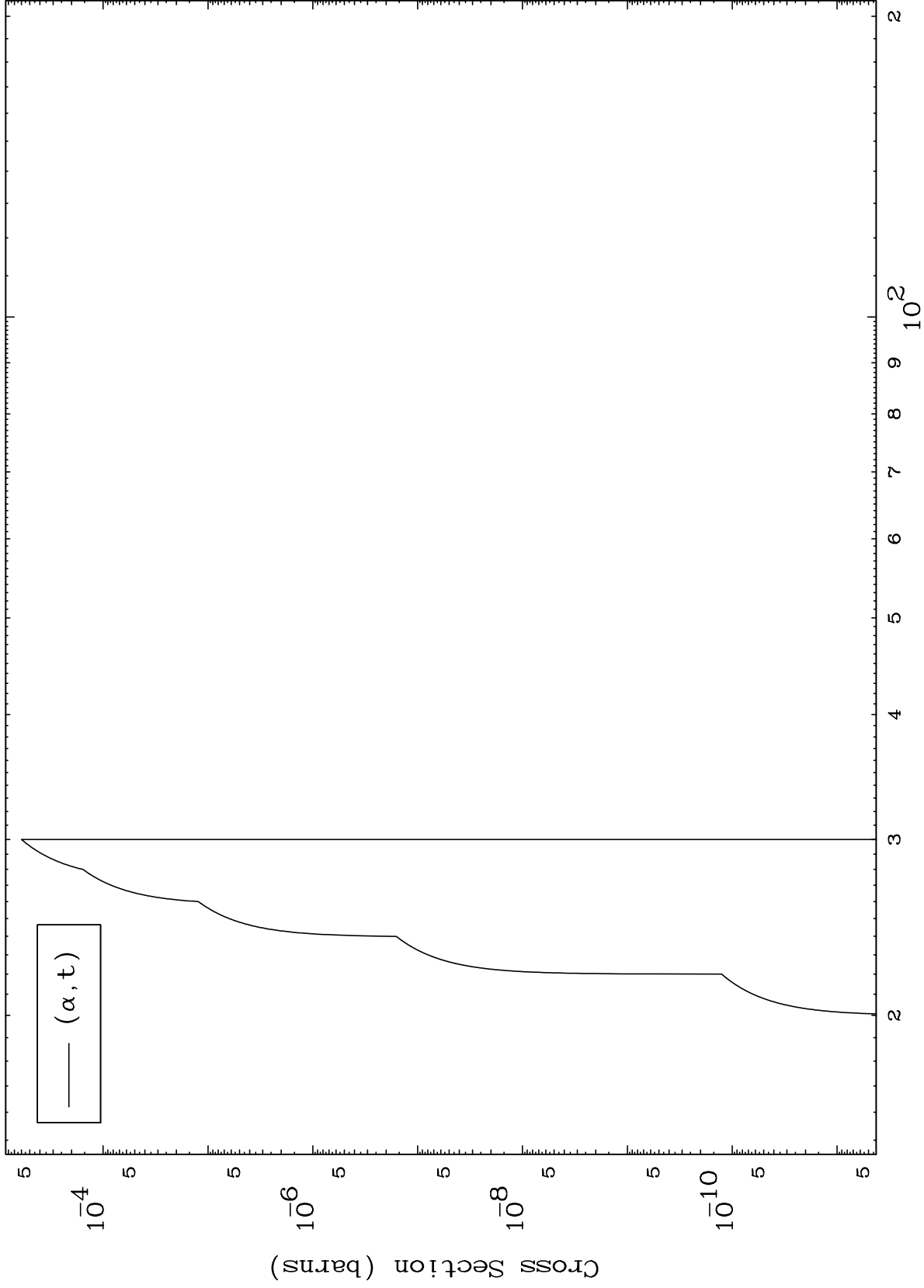
82-Pb-202

MAT 8220

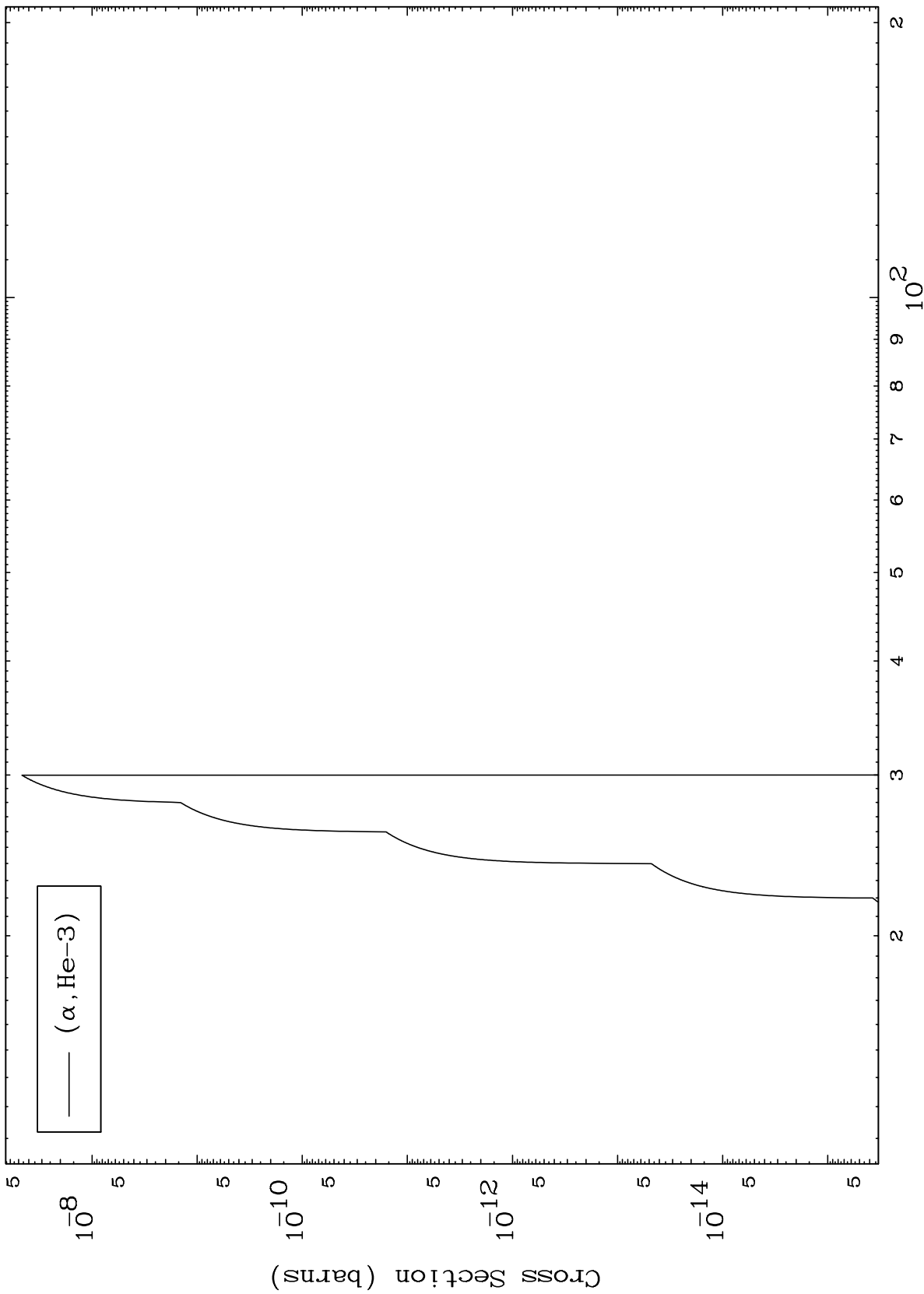
(α, d) Levels
0 Kelvin Cross Sections

82-Pb-202





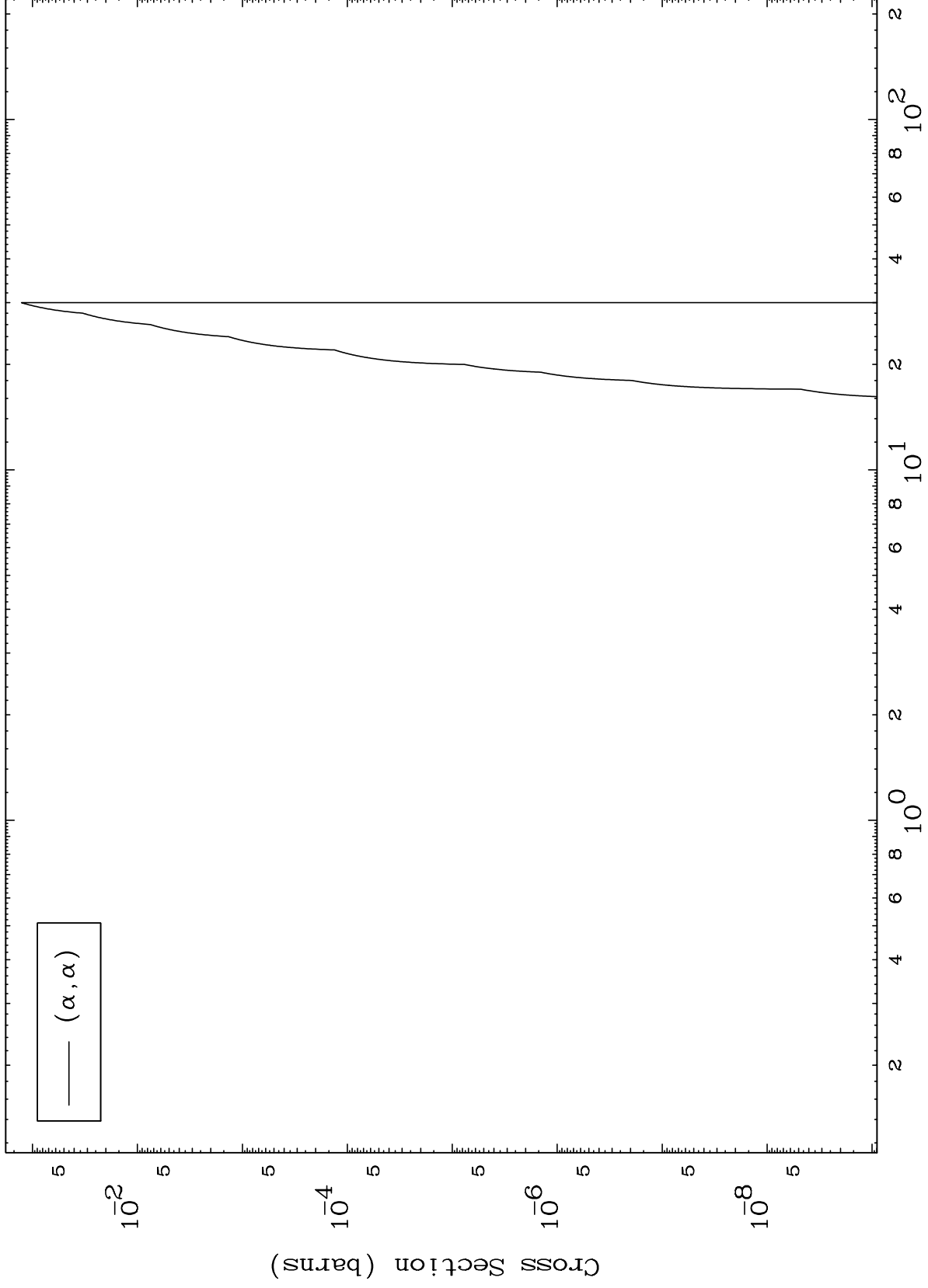
(α , He3) Levels
0 Kelvin Cross Sections



MAT 8220

(α, α) Levels
0 Kelvin Cross Sections

82-Pb-202



(α, α)

10

Incident Energy (MeV)

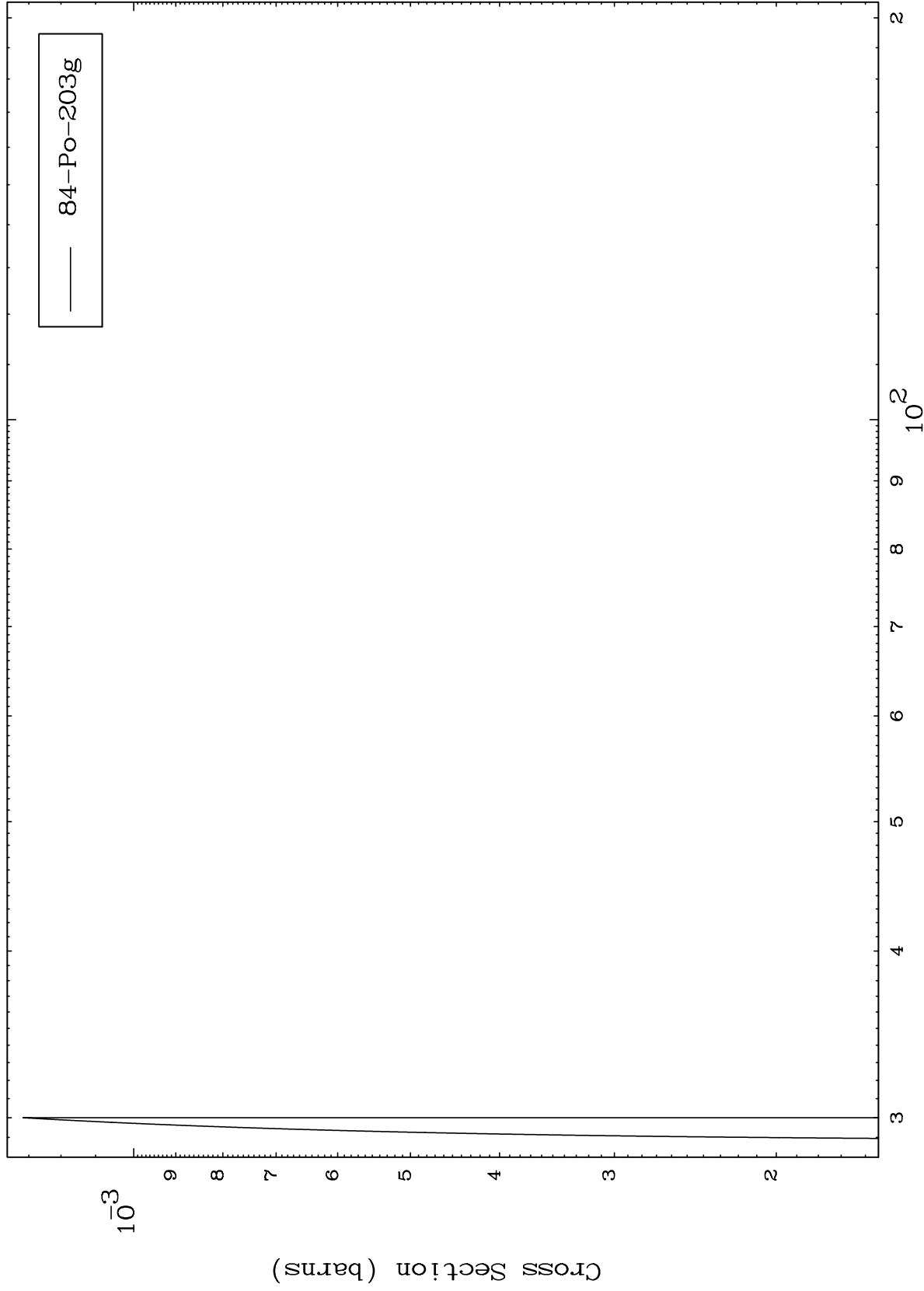
82-Pb-202

MAT 8220

82-Pb-202

($\alpha, 3n$)

Radionuclide Production Cross Section



11

82-Pb-202

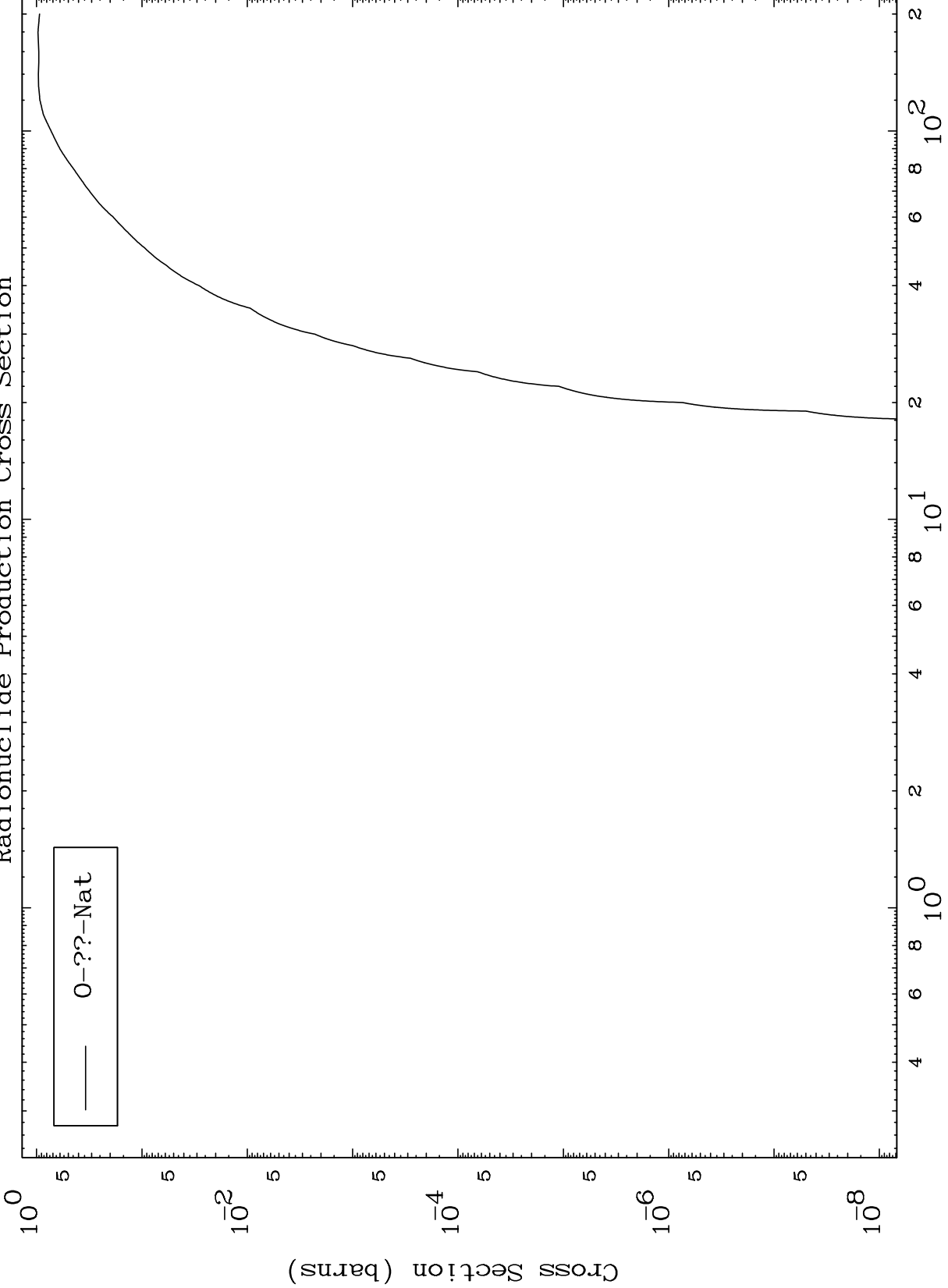
Incident Energy (MeV)

MAT 8220

α Fission

82-Pb-202

Radionuclide Production Cross Section

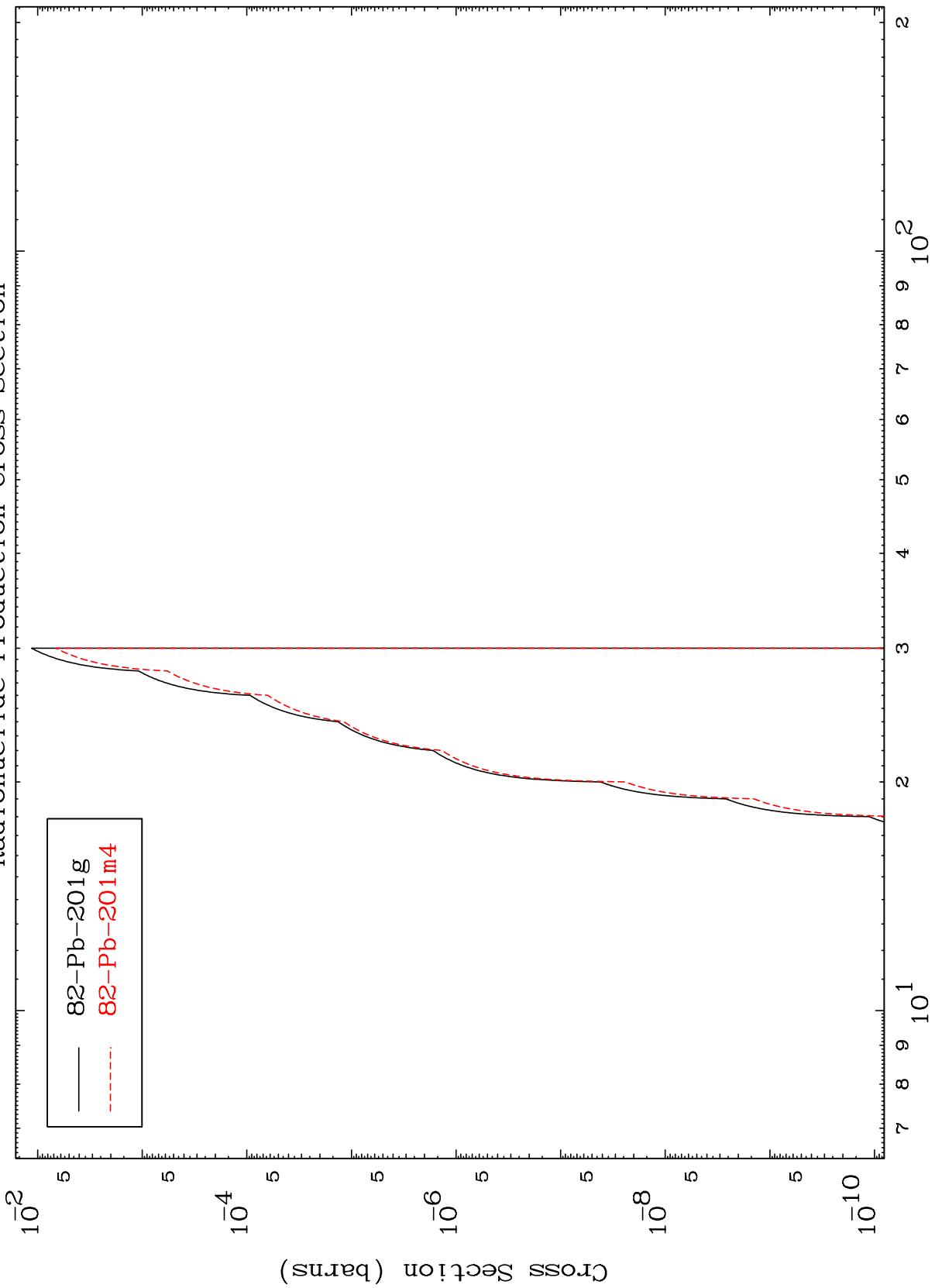


MAT 8220

(α, n') α

82-Pb-202

Radionuclide Production Cross Section



13

Incident Energy (MeV)

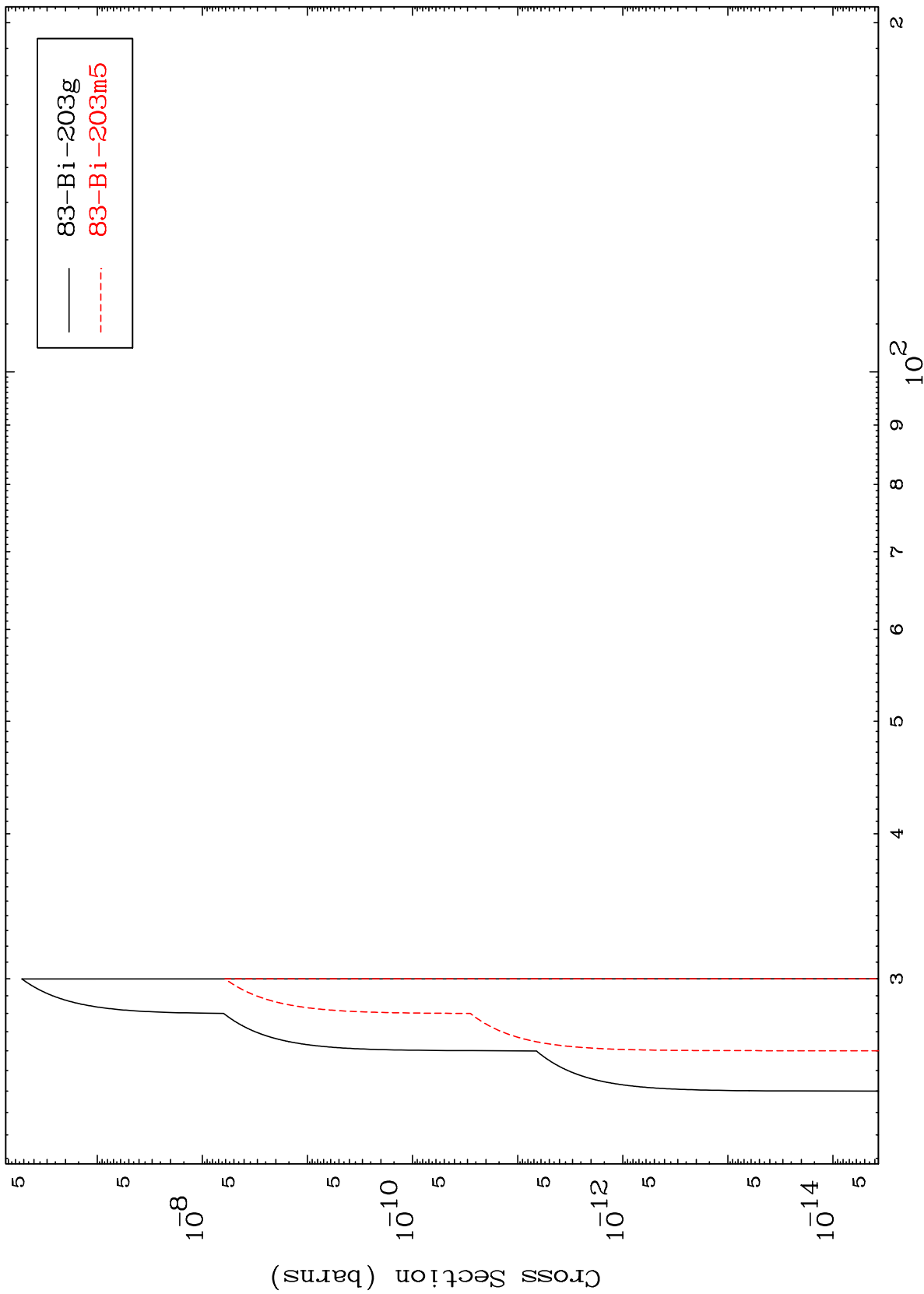
82-Pb-202

MAT 8220

(α, n') d

82-Pb-202

Radionuclide Production Cross Section



14

Incident Energy (MeV)

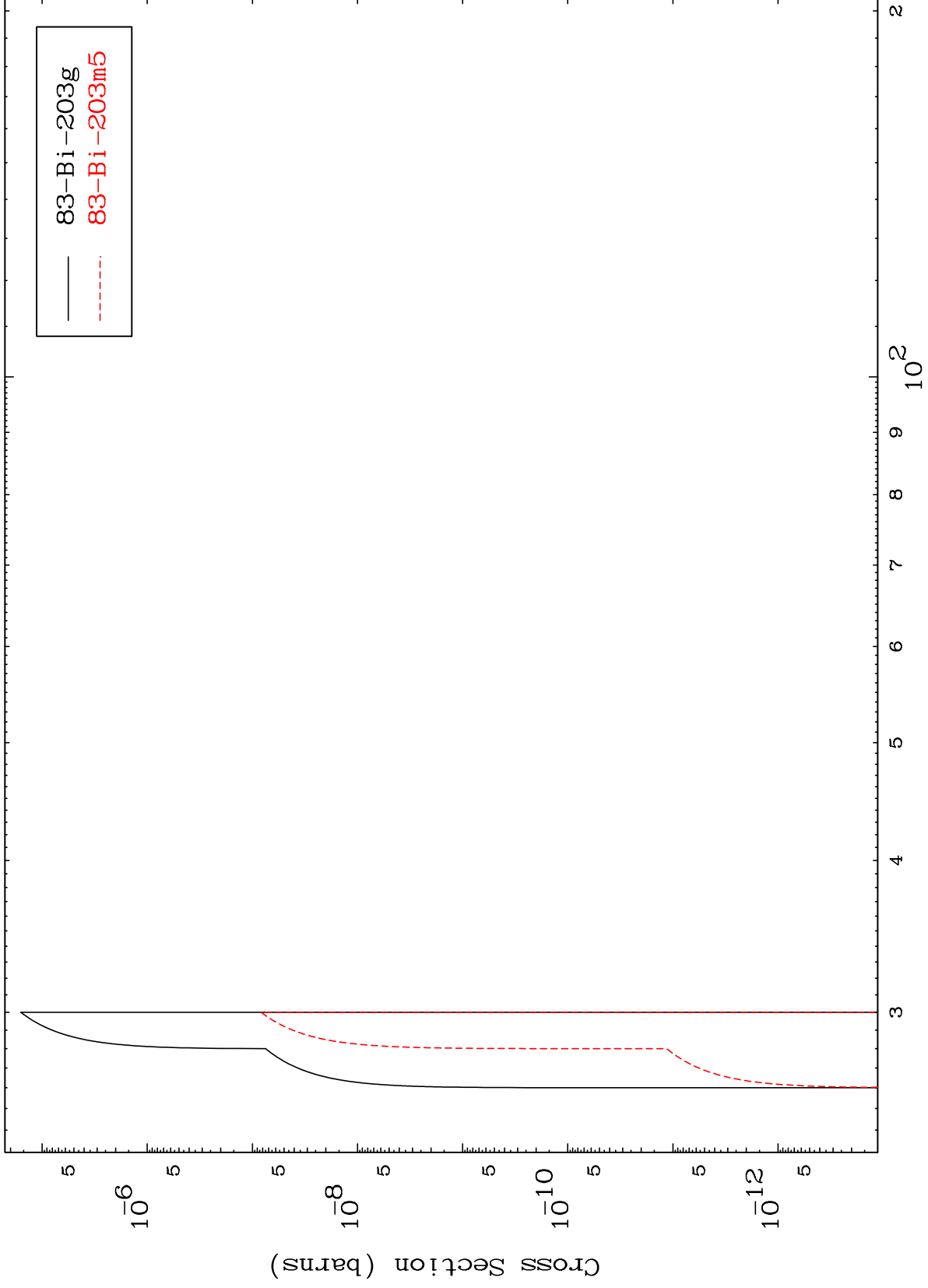
82-Pb-202

MAT 8220

$(\alpha, 2n)$ p

82-Pb-202

Radionuclide Production Cross Section

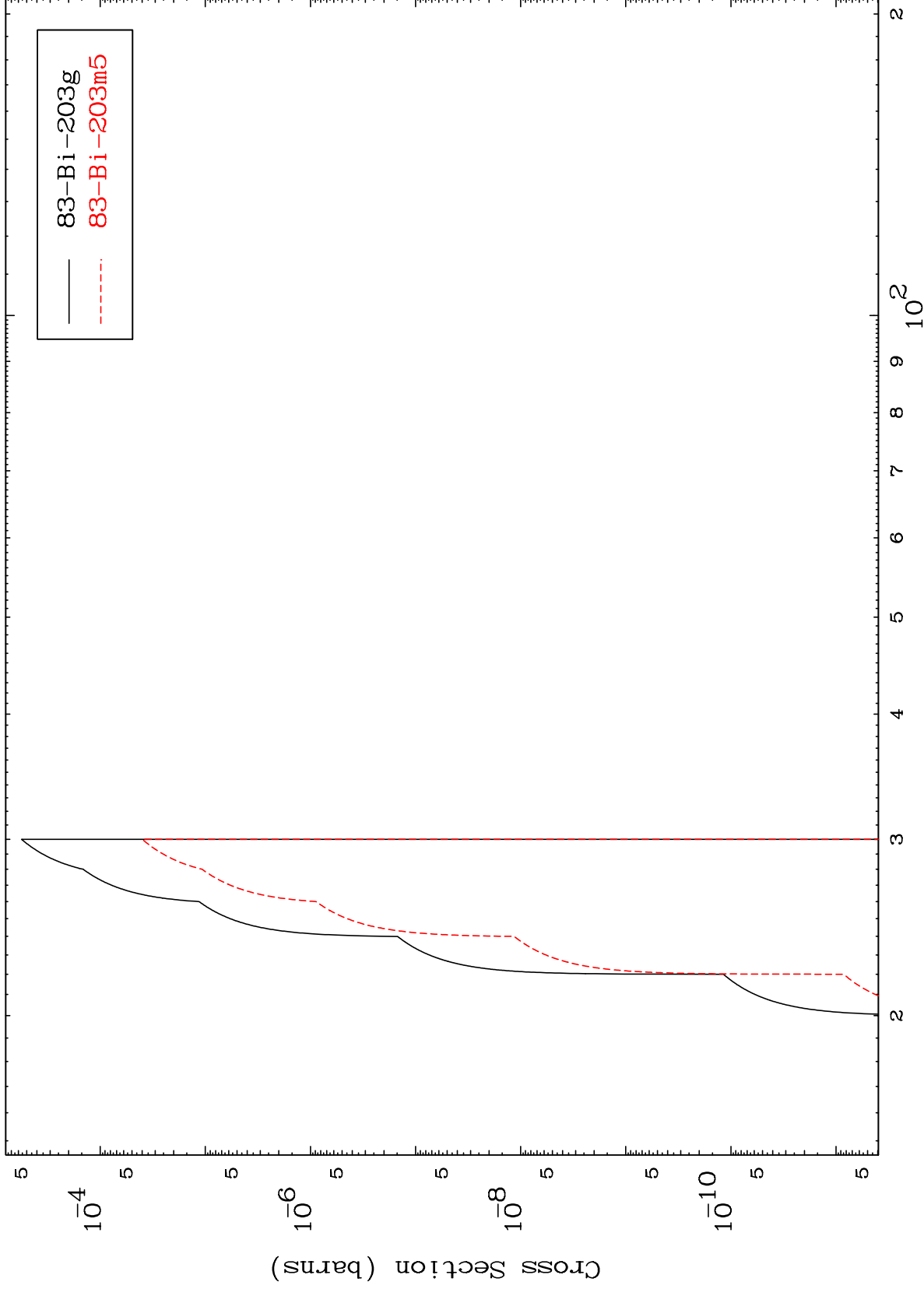


15

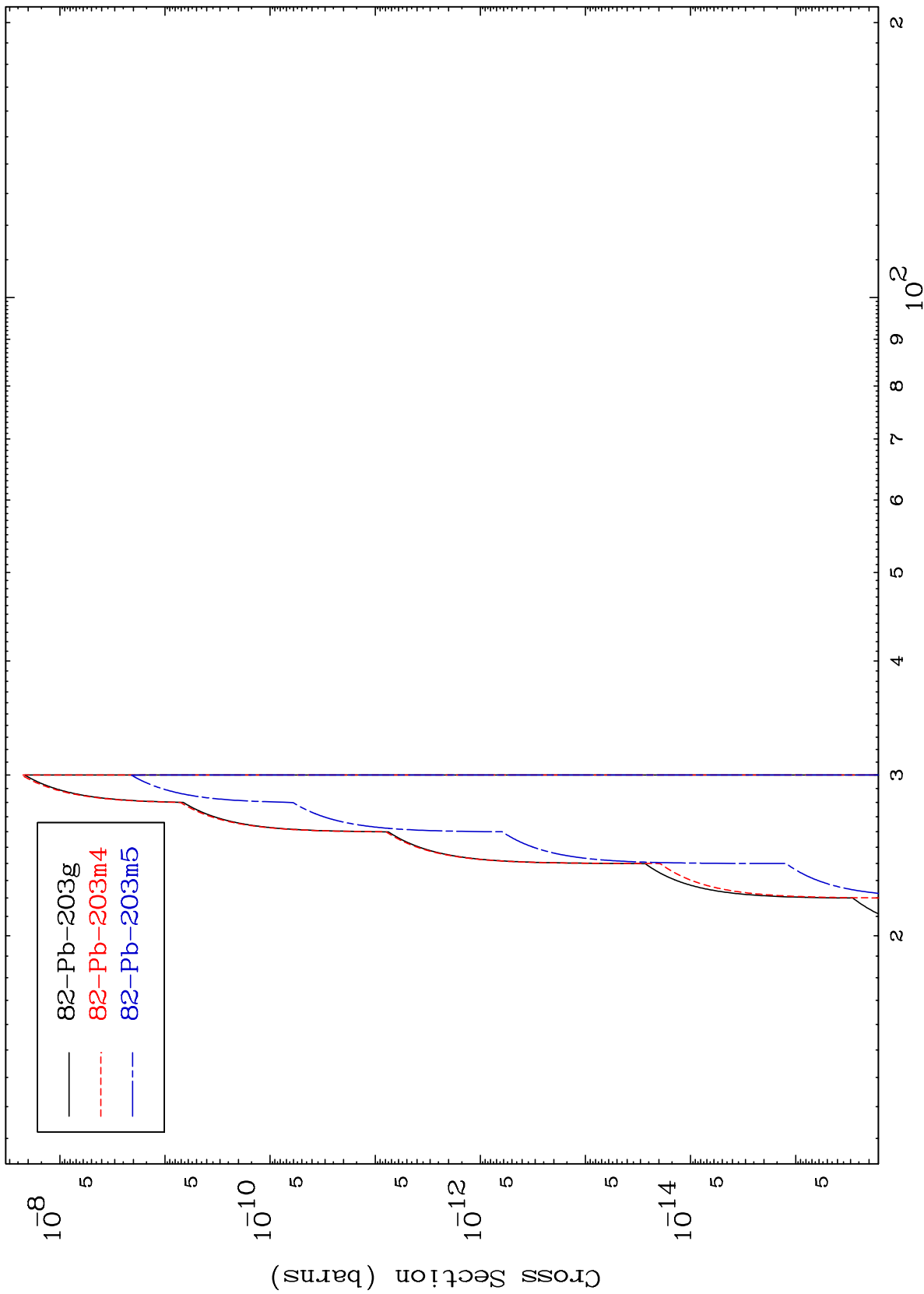
Incident Energy (MeV)

82-Pb-202

Radionuclide Production Cross Section



Radionuclide Production Cross Section
($\alpha, \text{He-3}$)

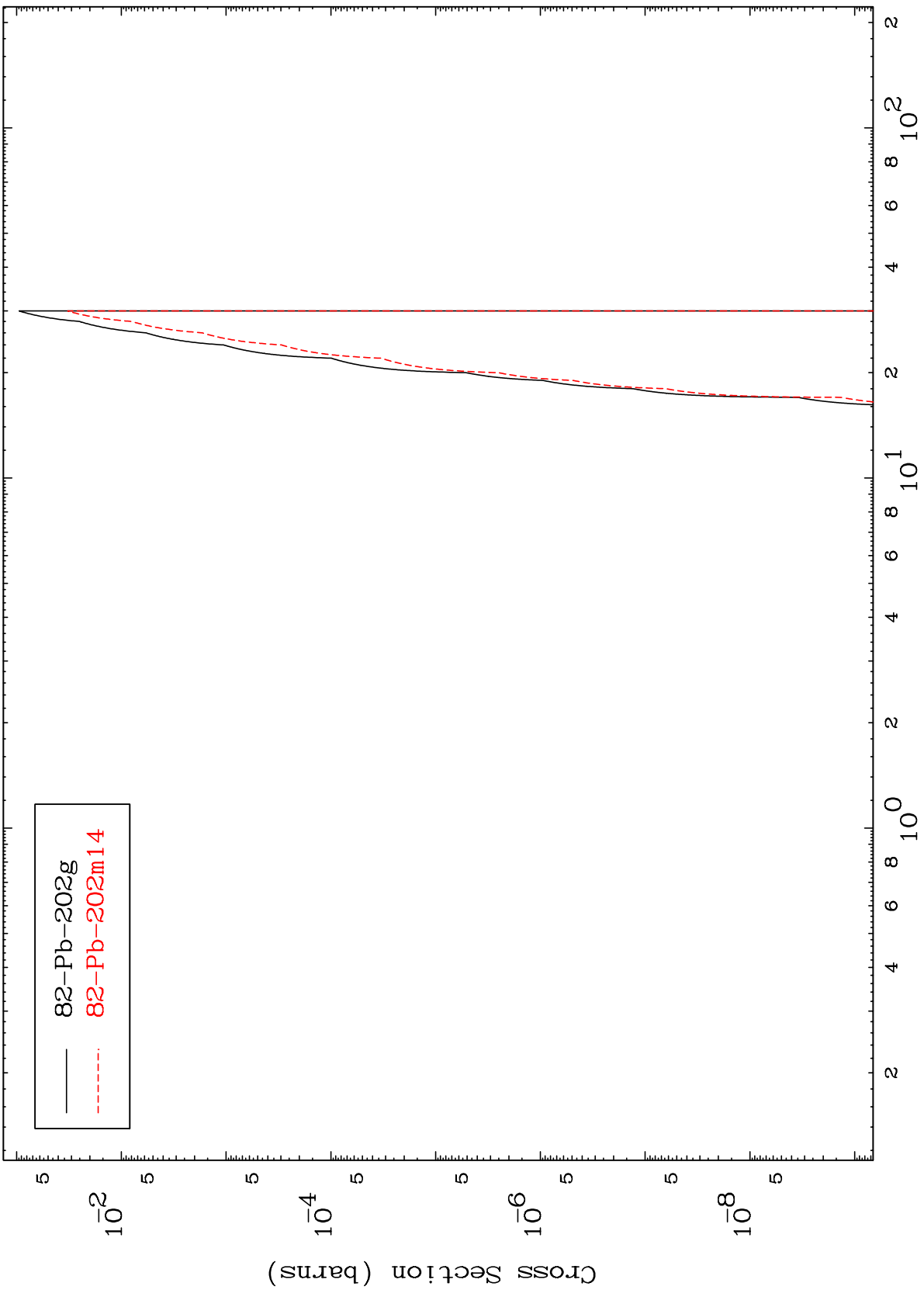


MAT 8220

(α, α)

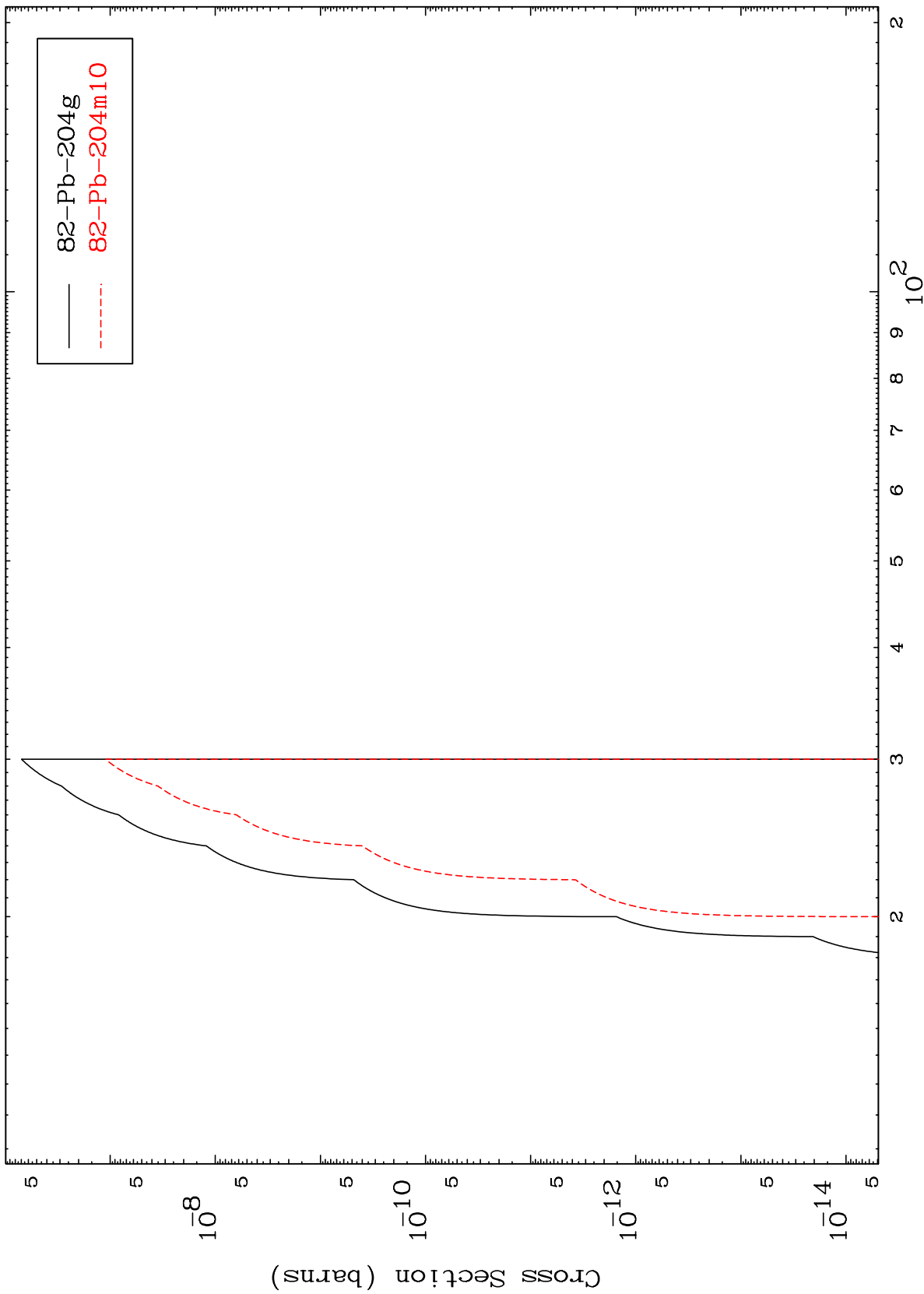
82-Pb-202

Radionuclide Production Cross Section



($\alpha, 2p$)

Radionuclide Production Cross Section



Incident Energy (MeV)