

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

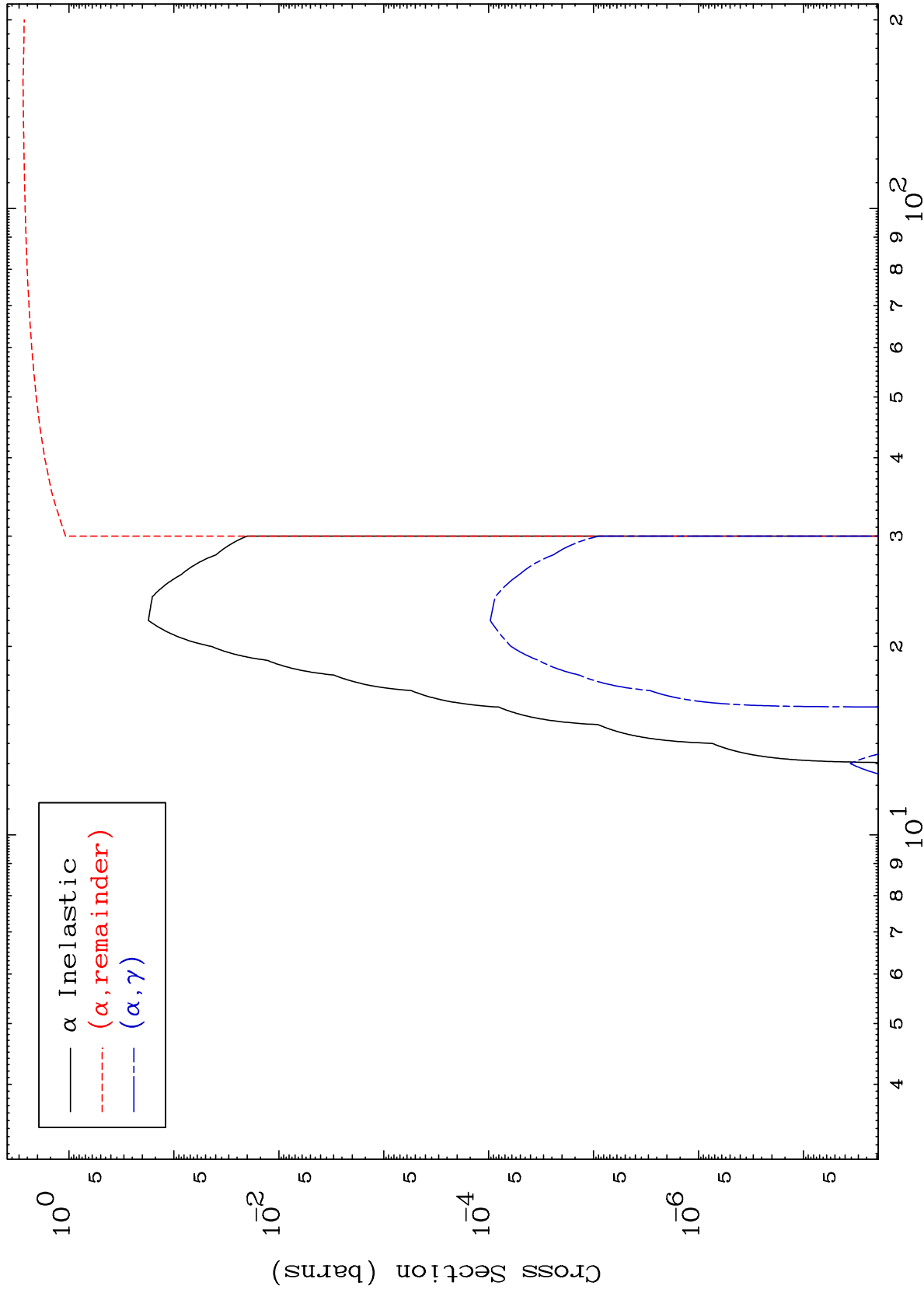
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8220

0 Kelvin α Major

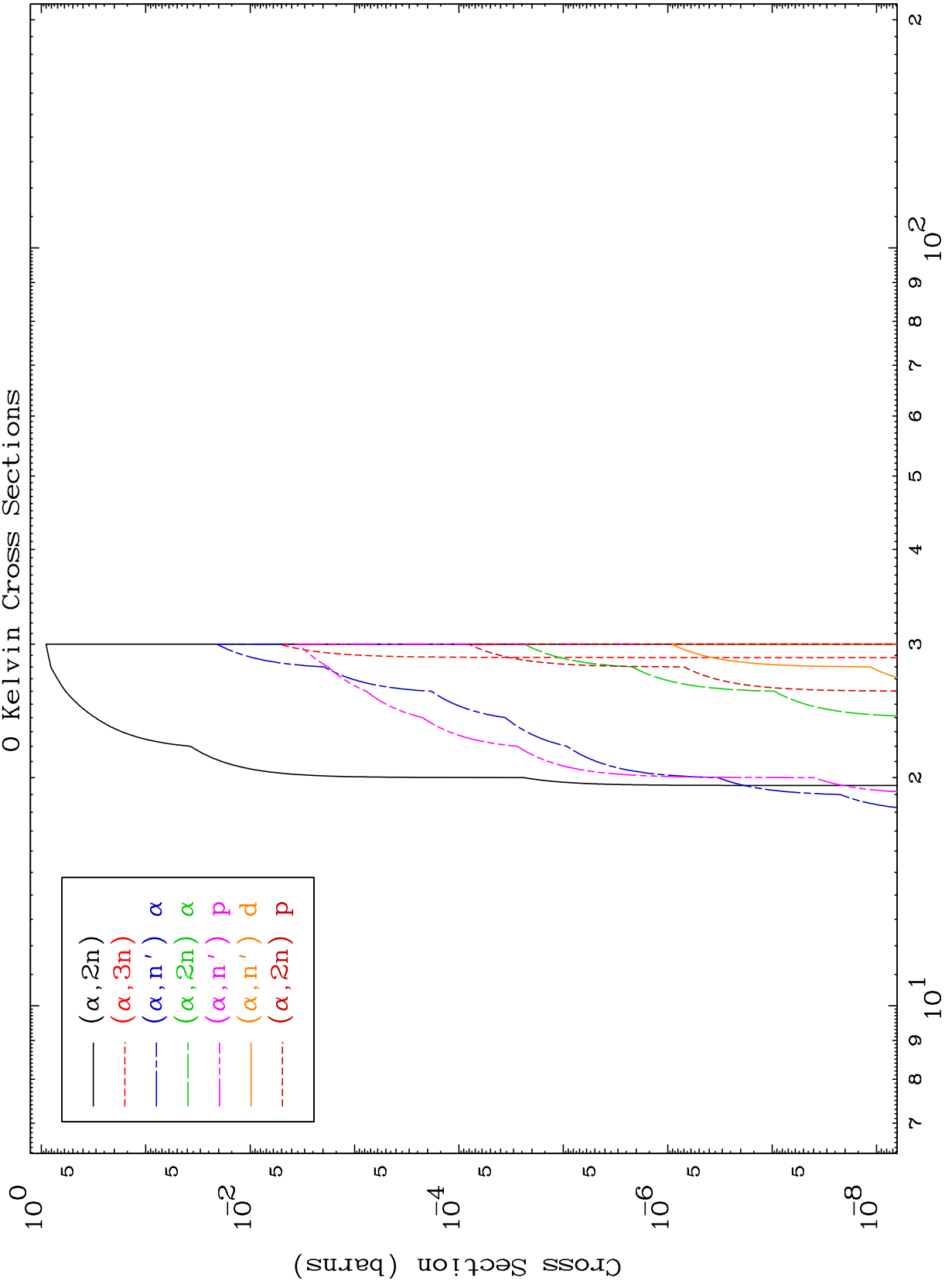
82-Pb-202



MAT 8220

α Neutron Production
0 Kelvin Cross Sections

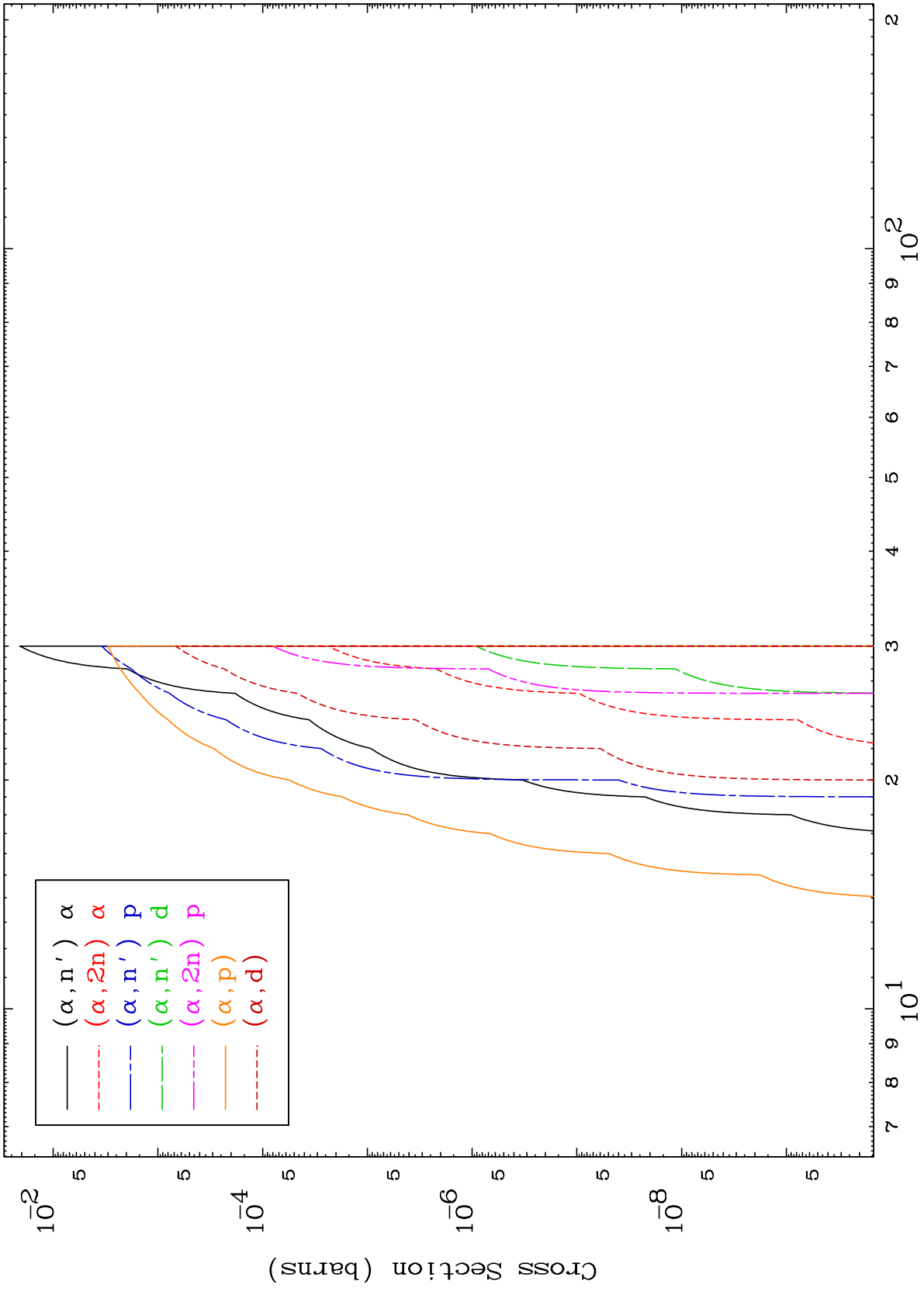
82-Pb-202



2

Incident Energy (MeV)

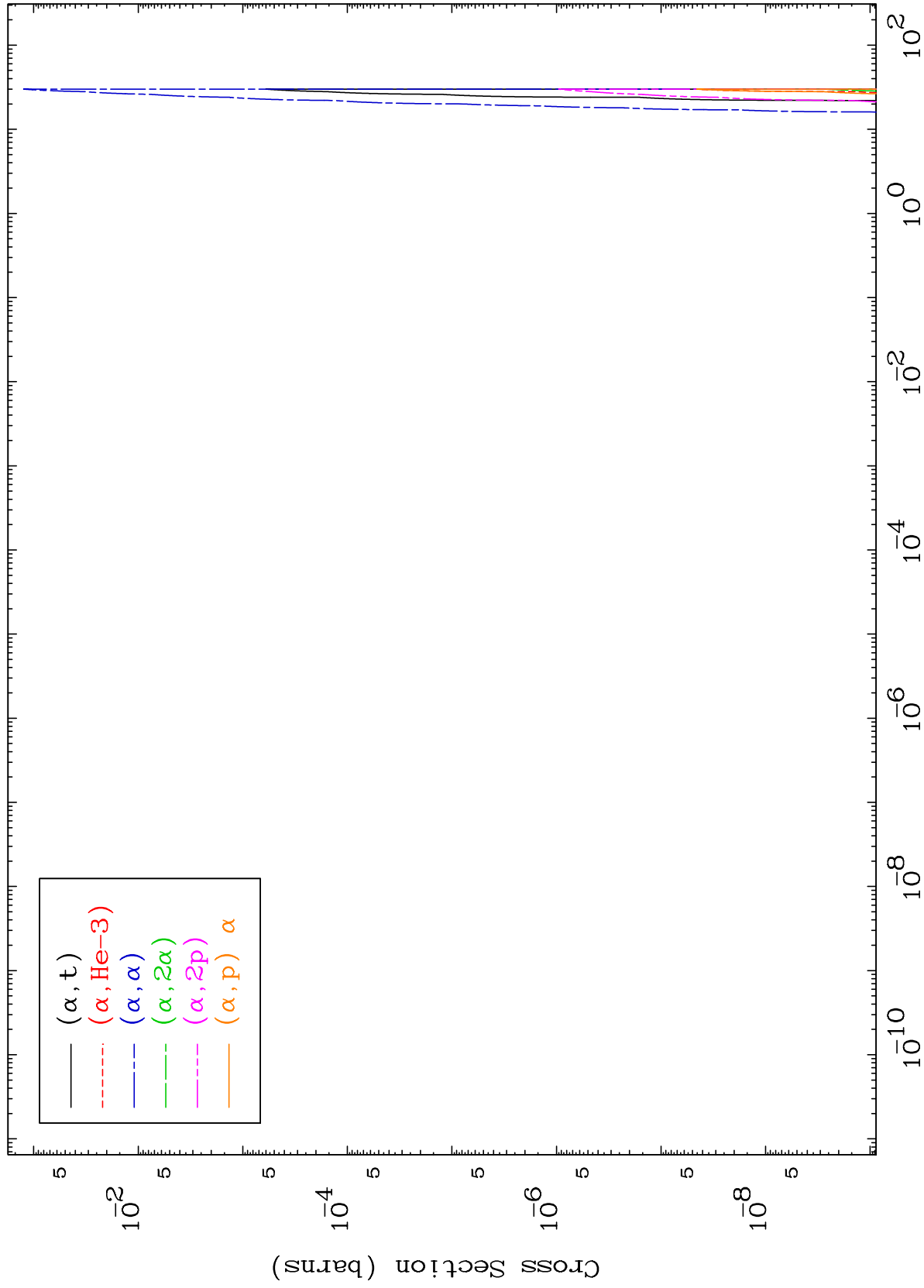
82-Pb-202

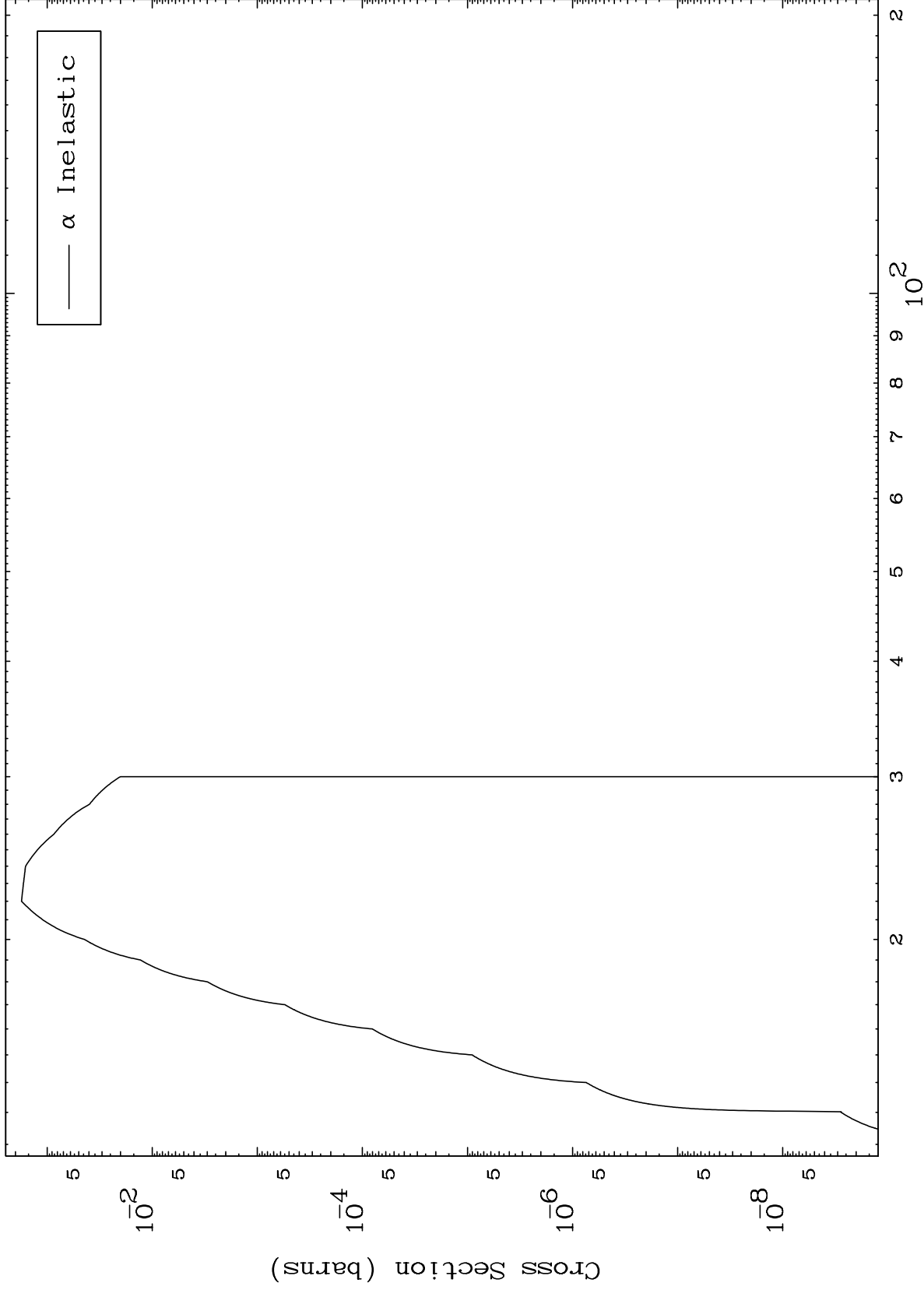


MAT 8220

α Charged Particle
0 Kelvin Cross Sections

82-Pb-202

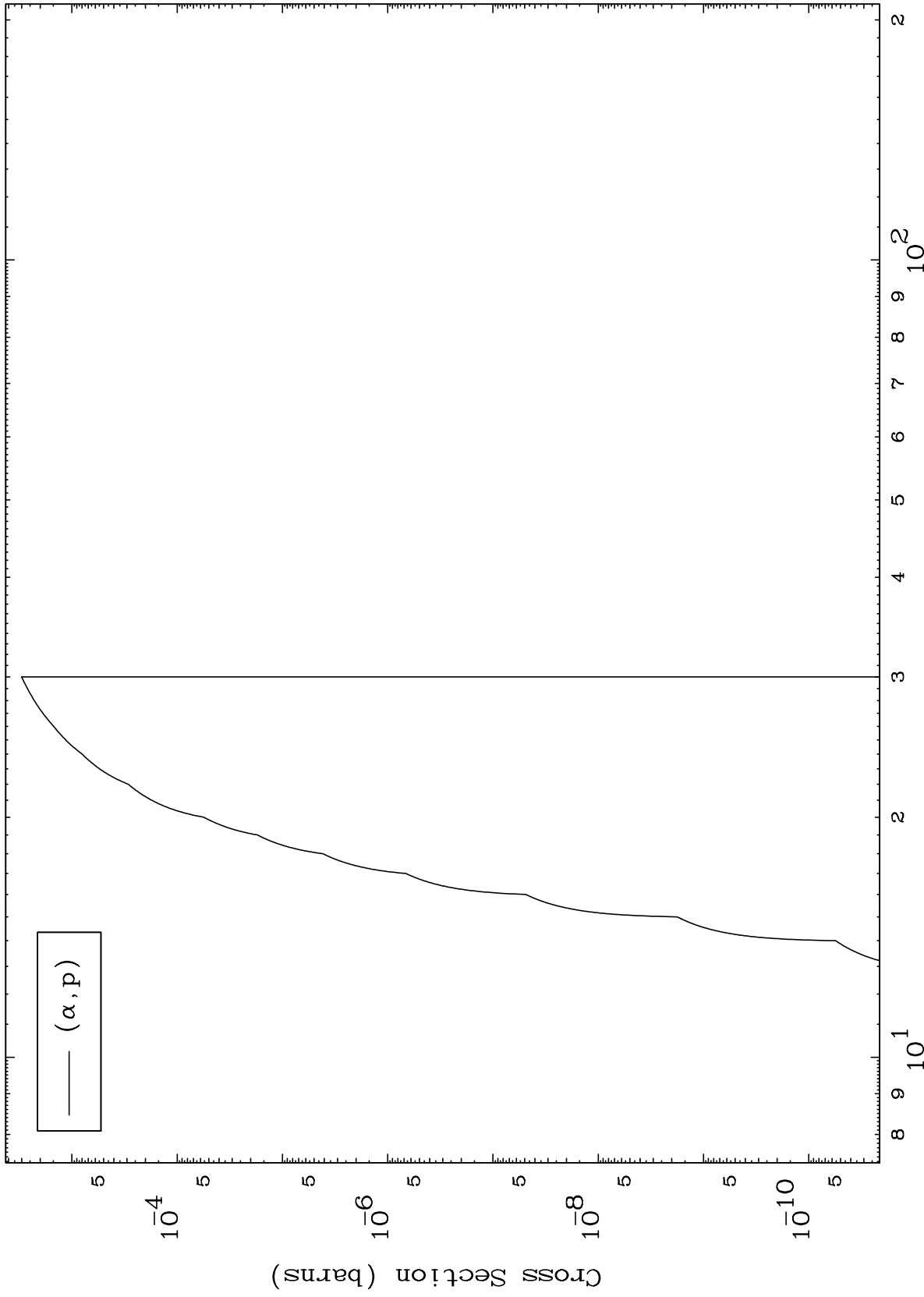




MAT 8220

(α, p) Levels
0 Kelvin Cross Sections

82-Pb-202



6

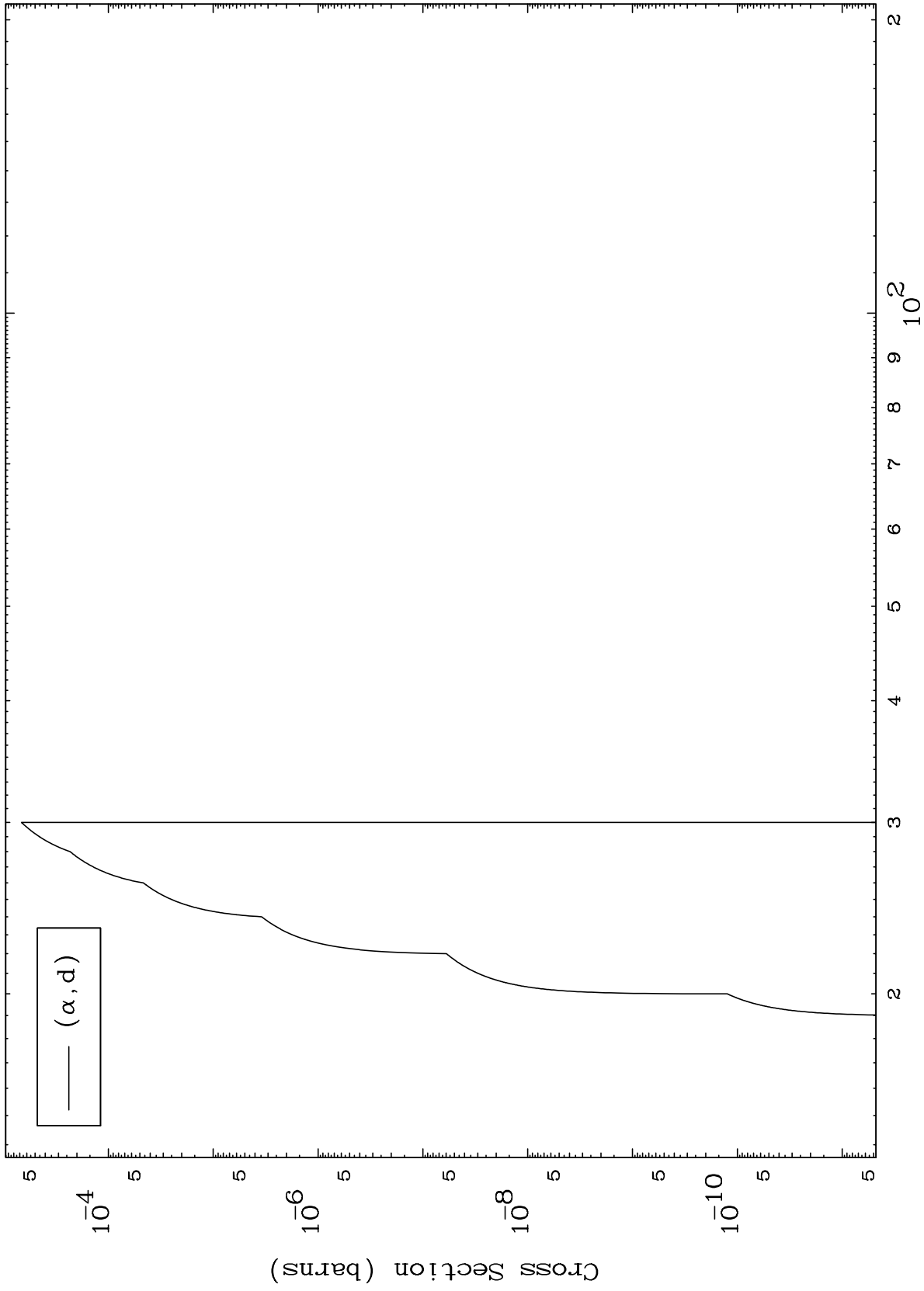
Incident Energy (MeV)

82-Pb-202

MAT 8220

(α, d) Levels
0 Kelvin Cross Sections

82-Pb-202



7

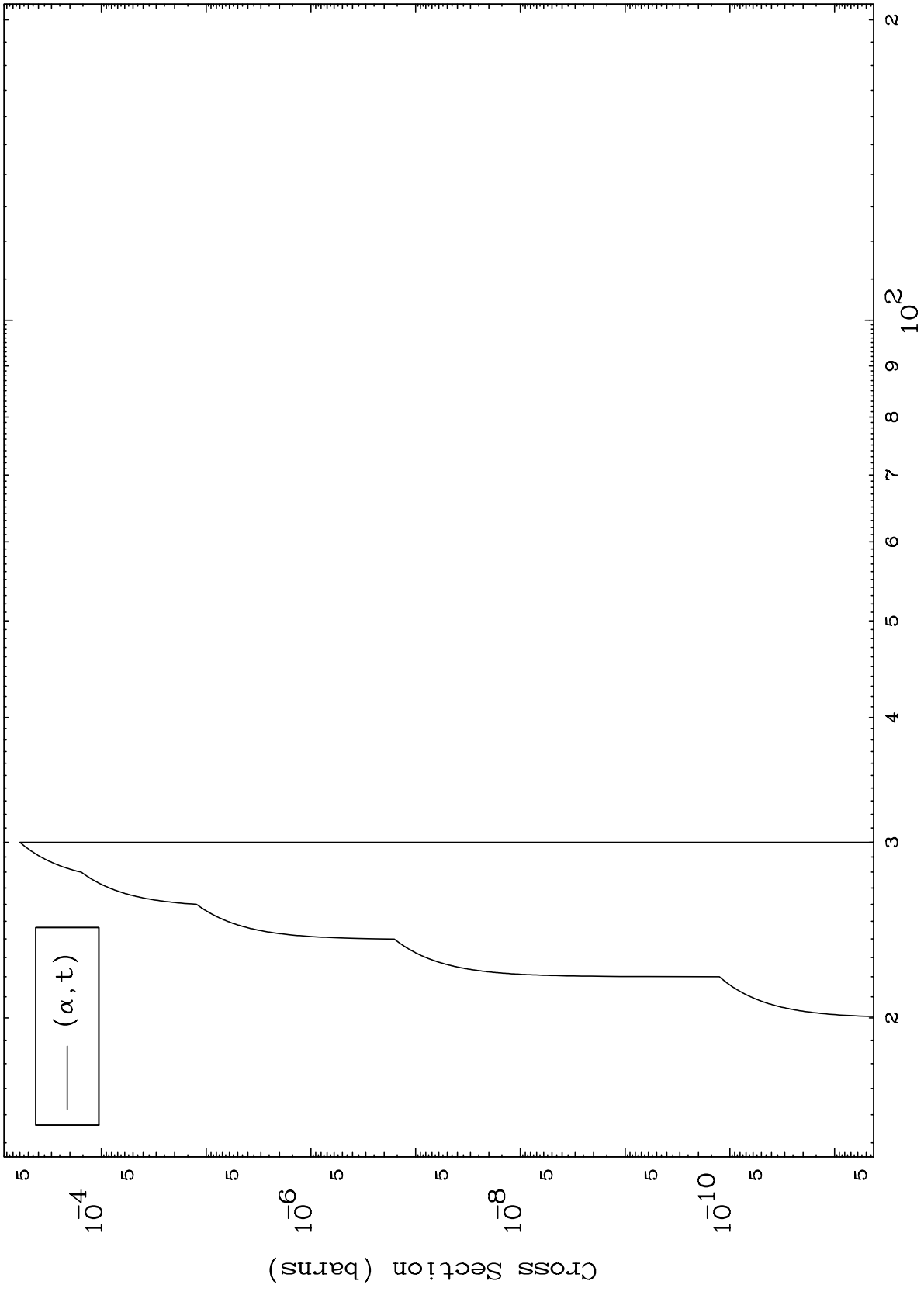
Incident Energy (MeV)

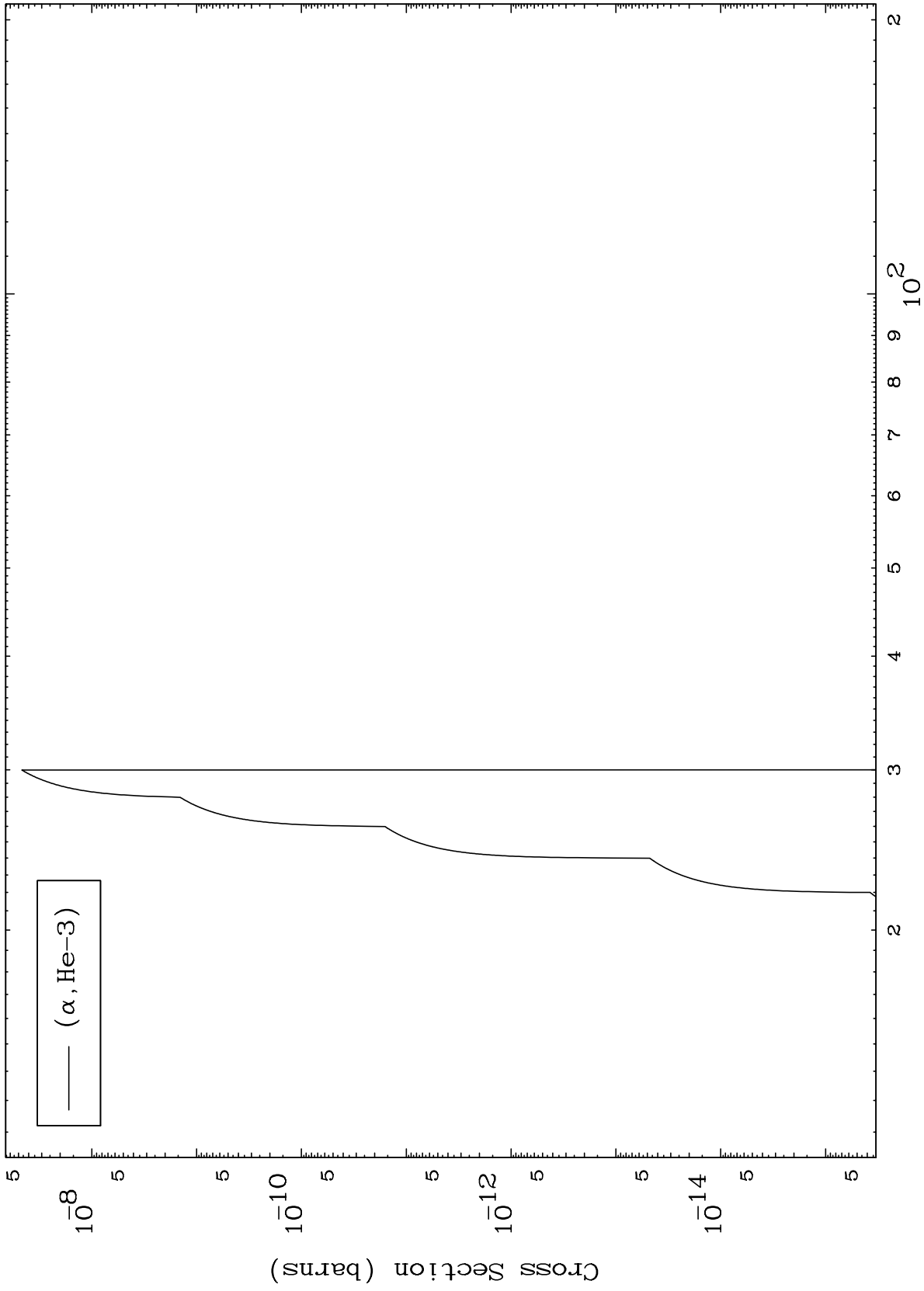
82-Pb-202

MAT 8220

(α, t) Levels
0 Kelvin Cross Sections

82-Pb-202

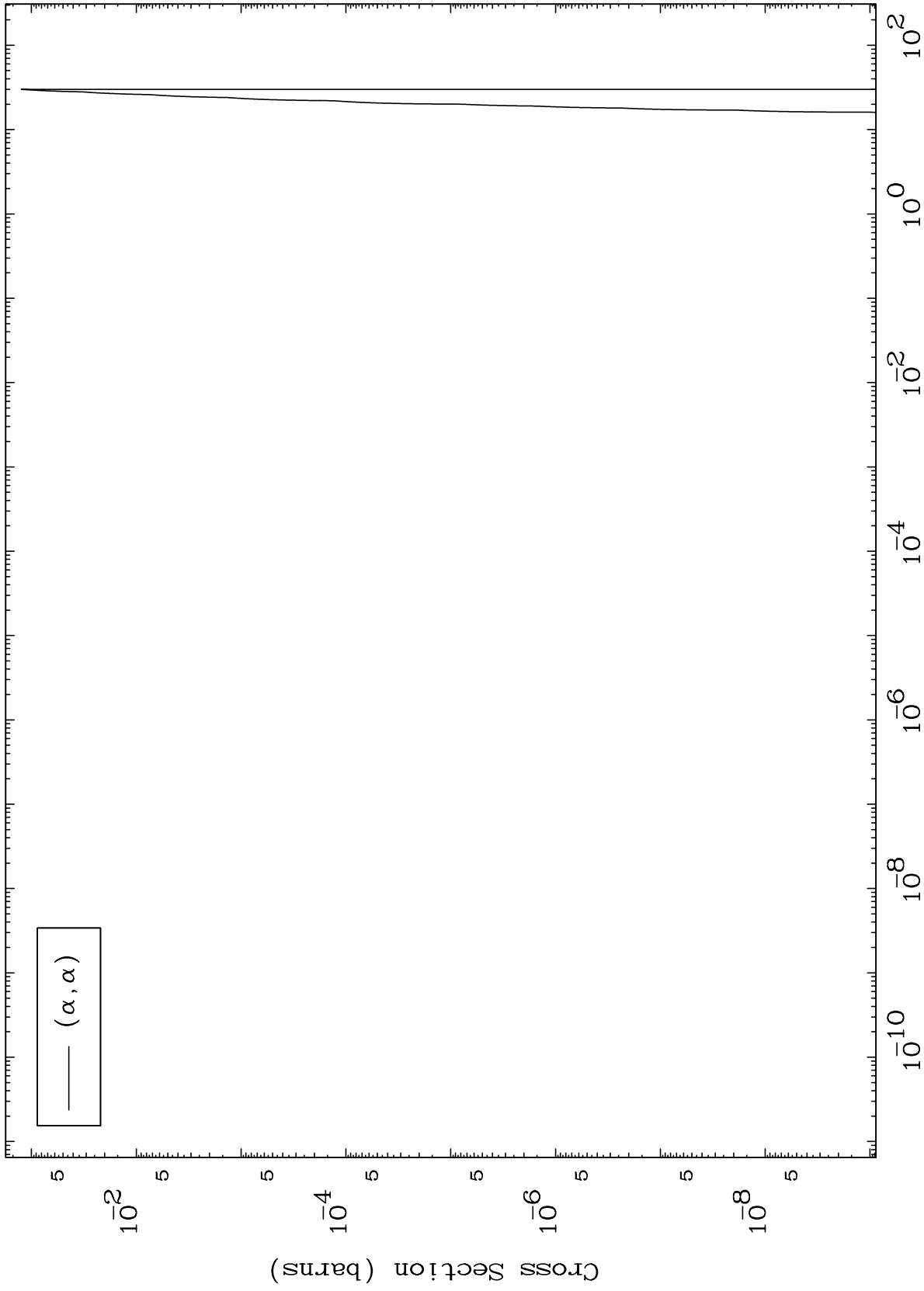




MAT 8220

(α, α) Levels
0 Kelvin Cross Sections

82-Pb-202



10

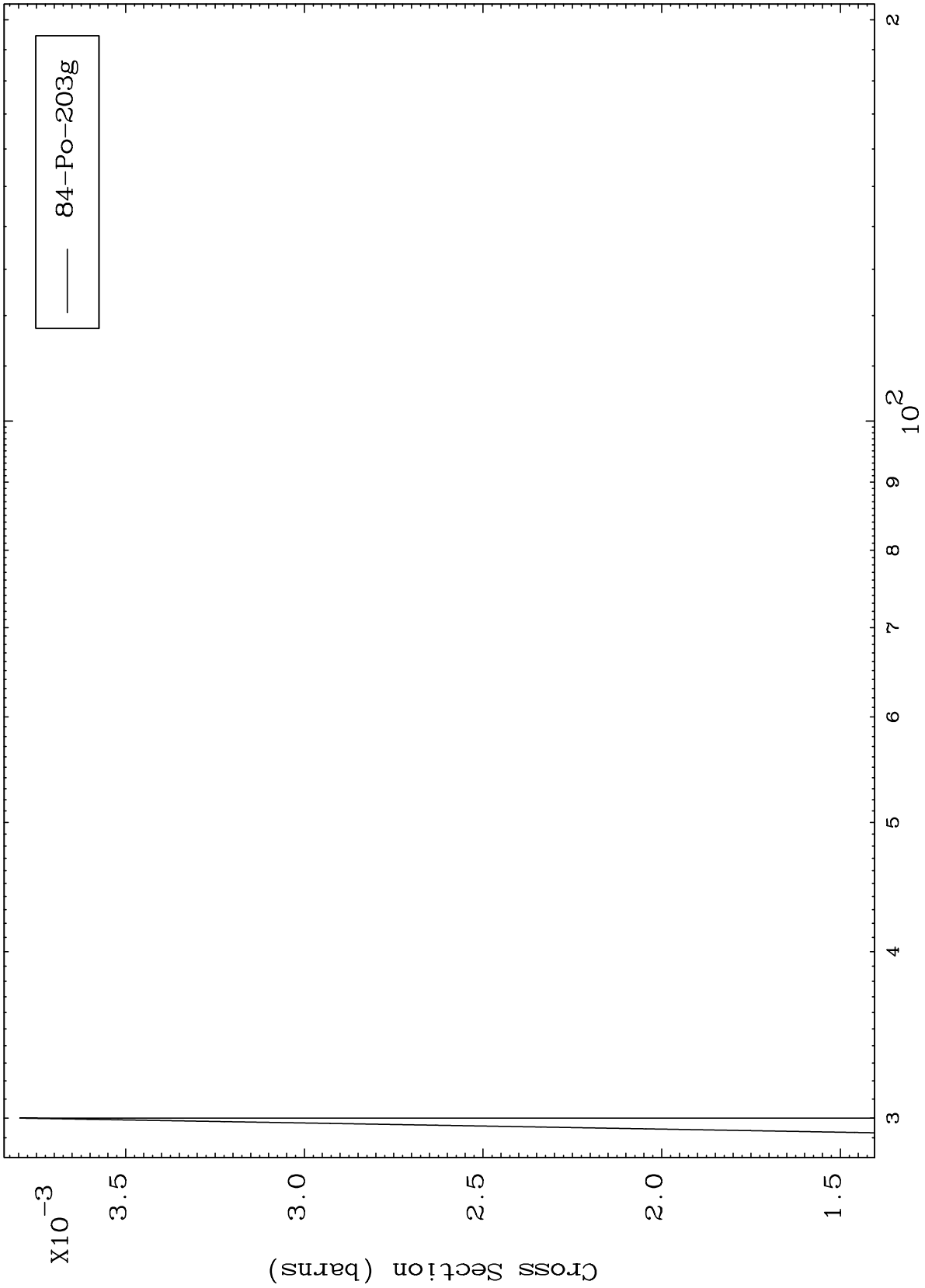
Incident Energy (MeV)

82-Pb-202

MAT 8220

82-Pb-202

($\alpha, 3n$)
Radionuclide Production Cross Section



11

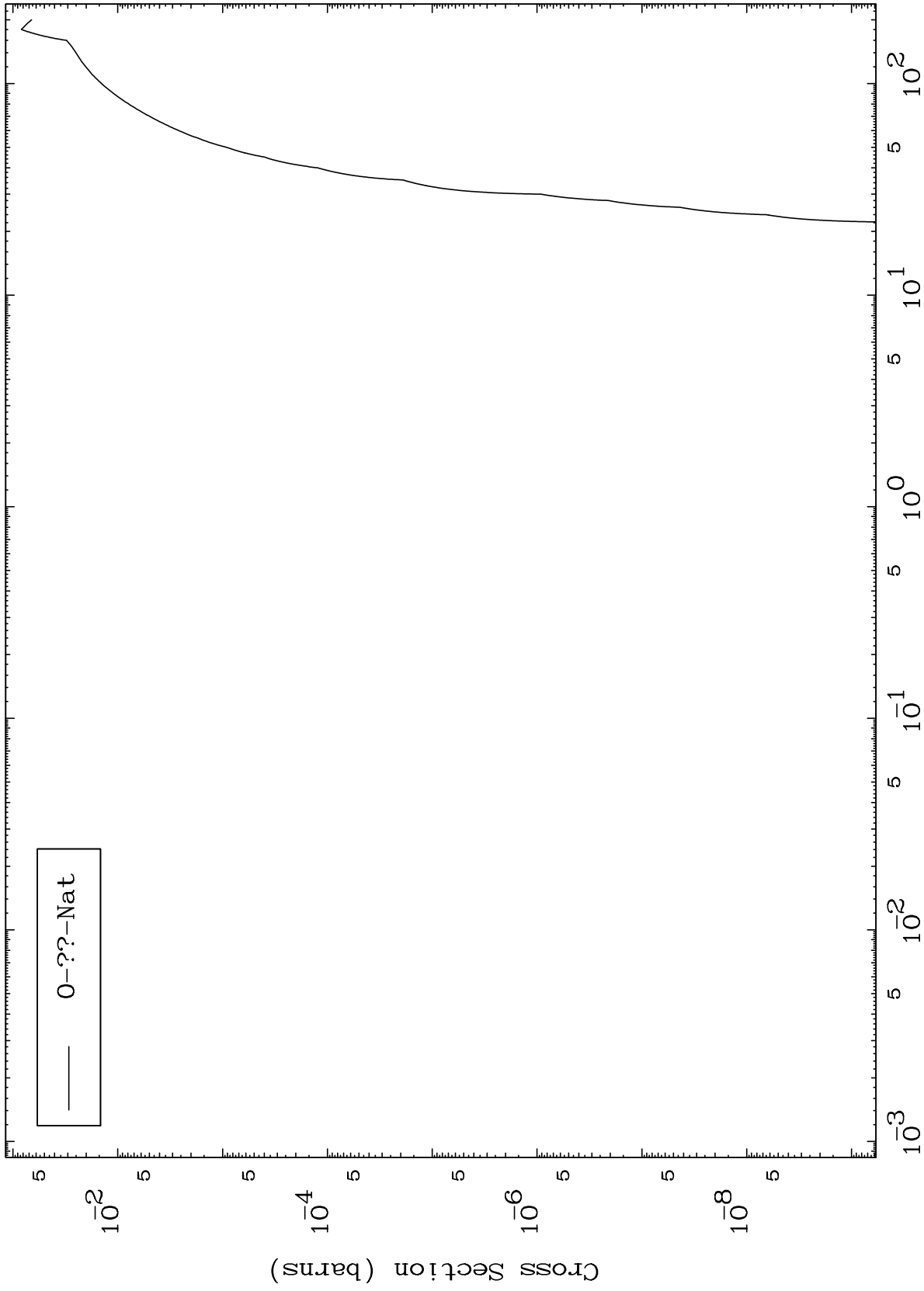
Incident Energy (MeV)

82-Pb-202

MAT 8220

α Fission
Radionuclide Production Cross Section

82-Pb-202



12

Incident Energy (MeV)

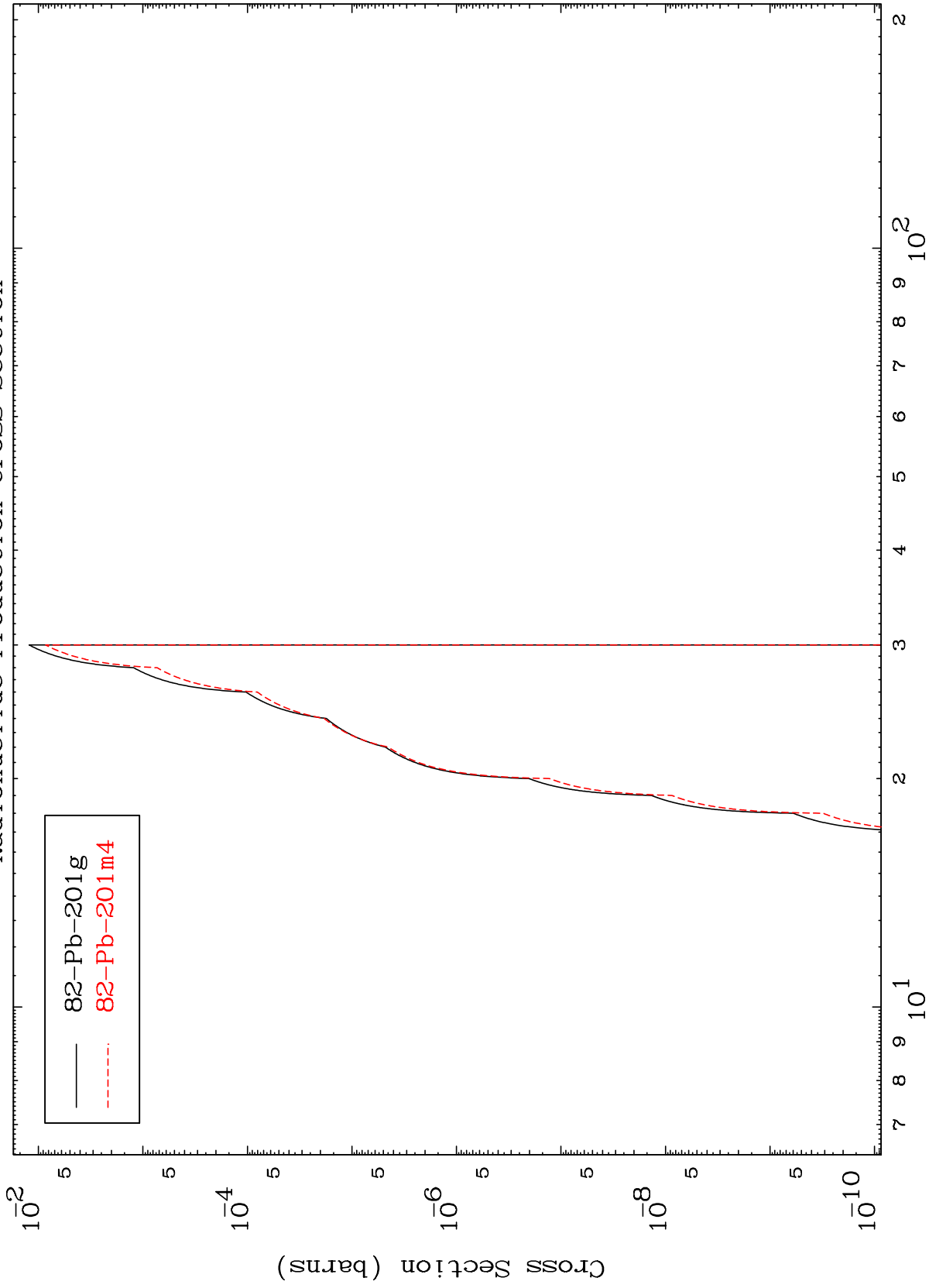
82-Pb-202

MAT 8220

(α, n') α

82-Pb-202

Radionuclide Production Cross Section



13

Incident Energy (MeV)

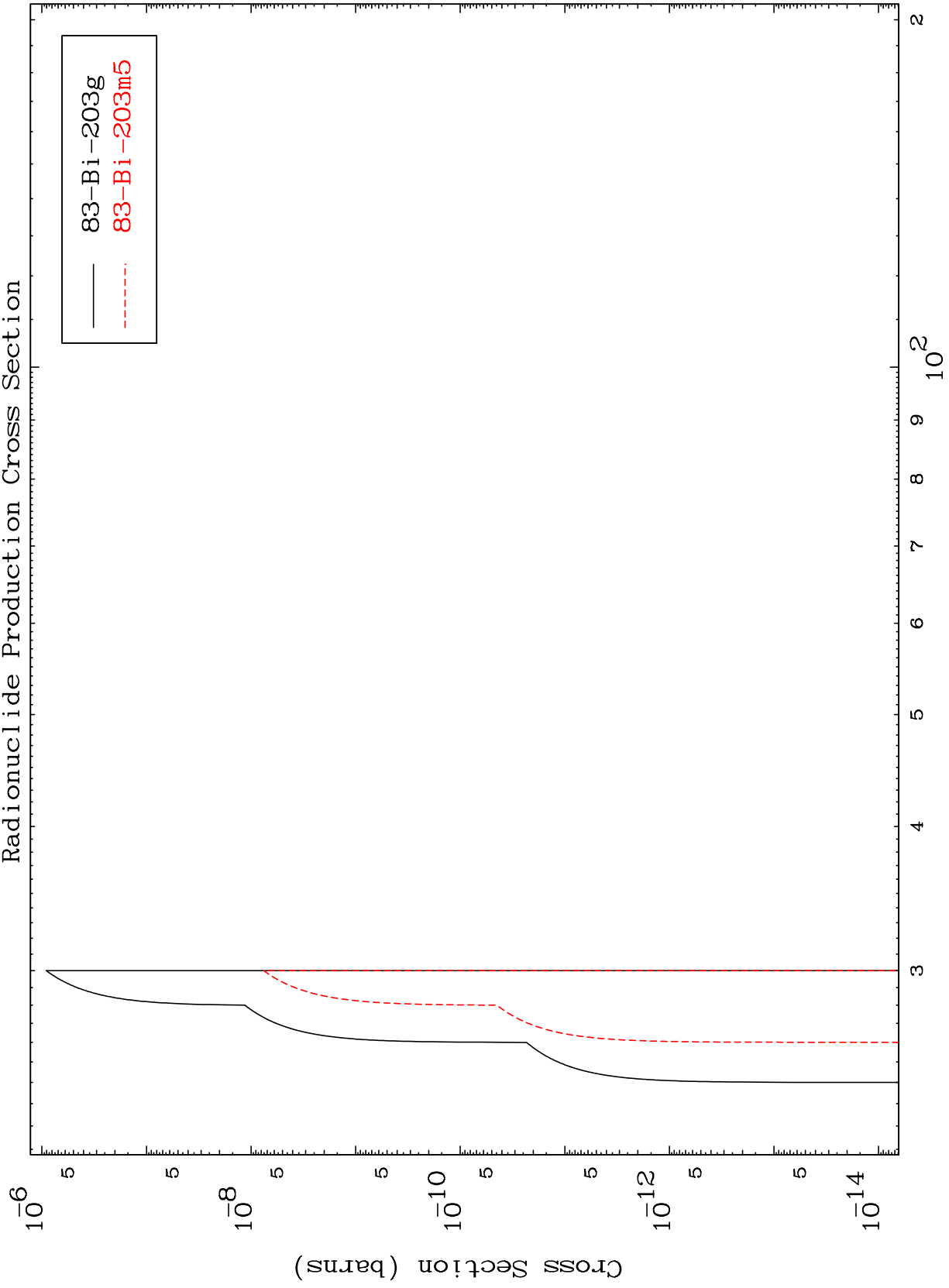
82-Pb-202

MAT 8220

(α, n') d

82-Pb-202

Radionuclide Production Cross Section



14

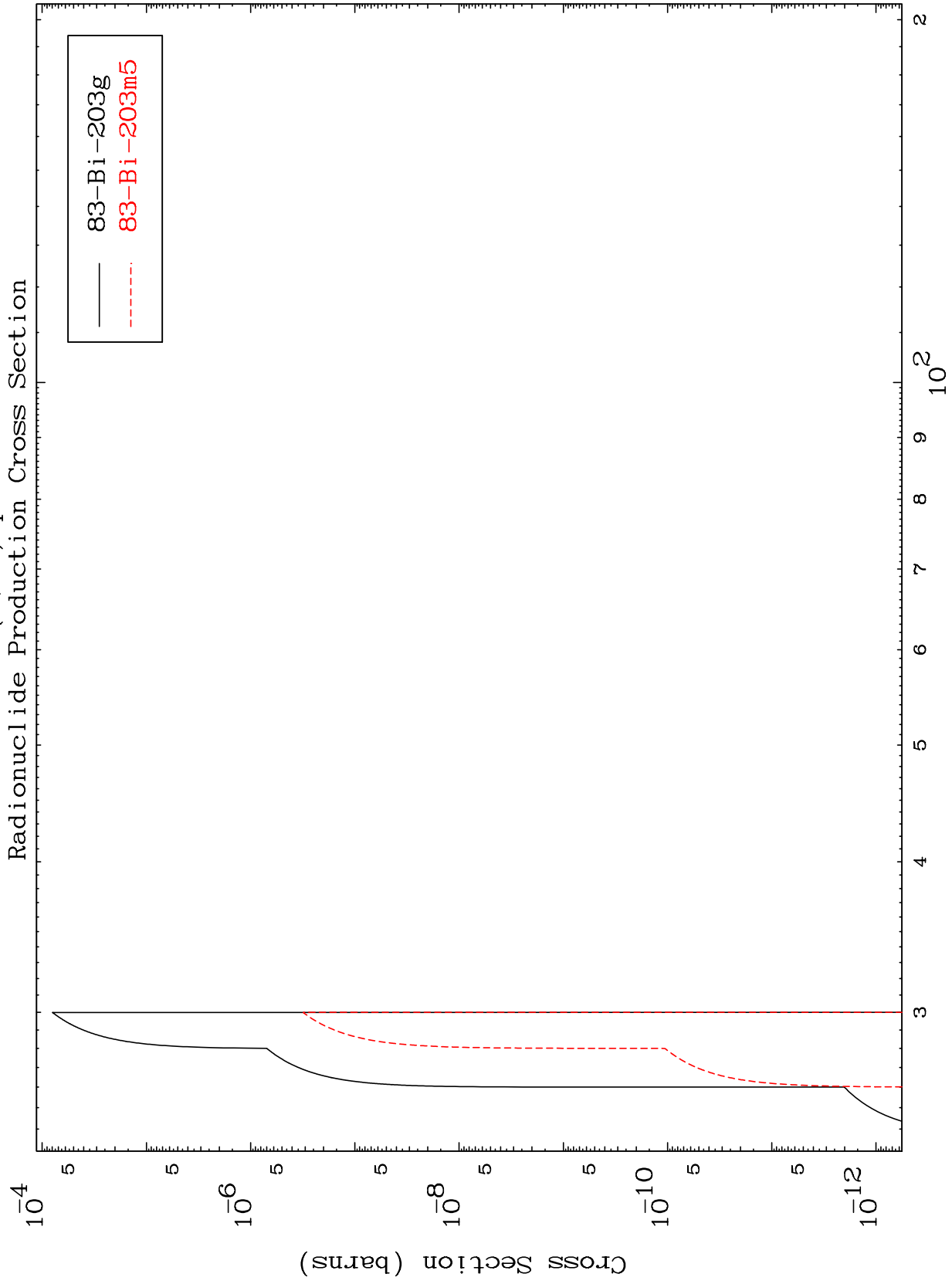
Incident Energy (MeV)

82-Pb-202

MAT 8220

($\alpha, 2n$) p

82-Pb-202



15

Incident Energy (MeV)

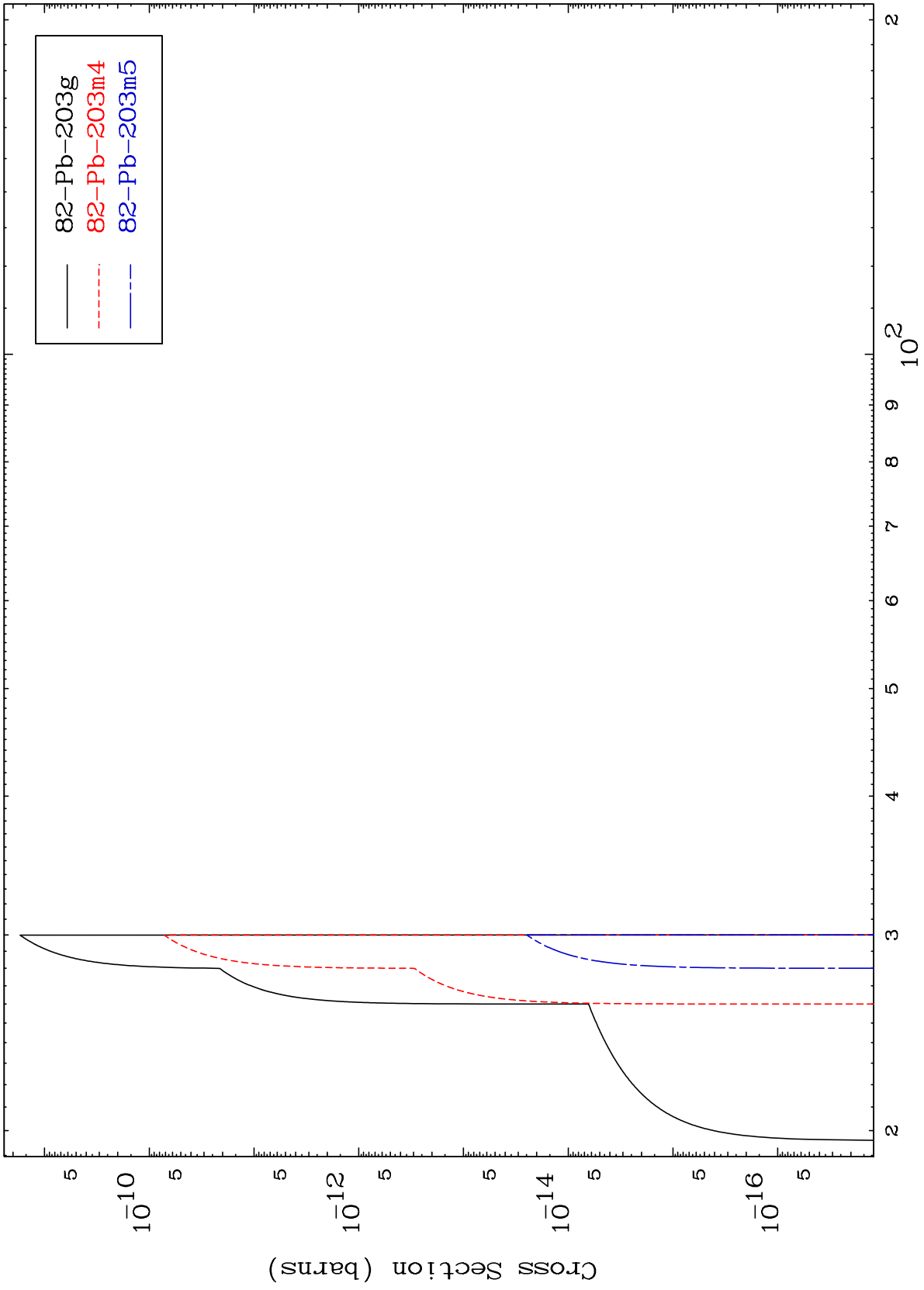
82-Pb-202

MAT 8220

$(\alpha, 2n)$ p

82-Pb-202

Radionuclide Production Cross Section



16

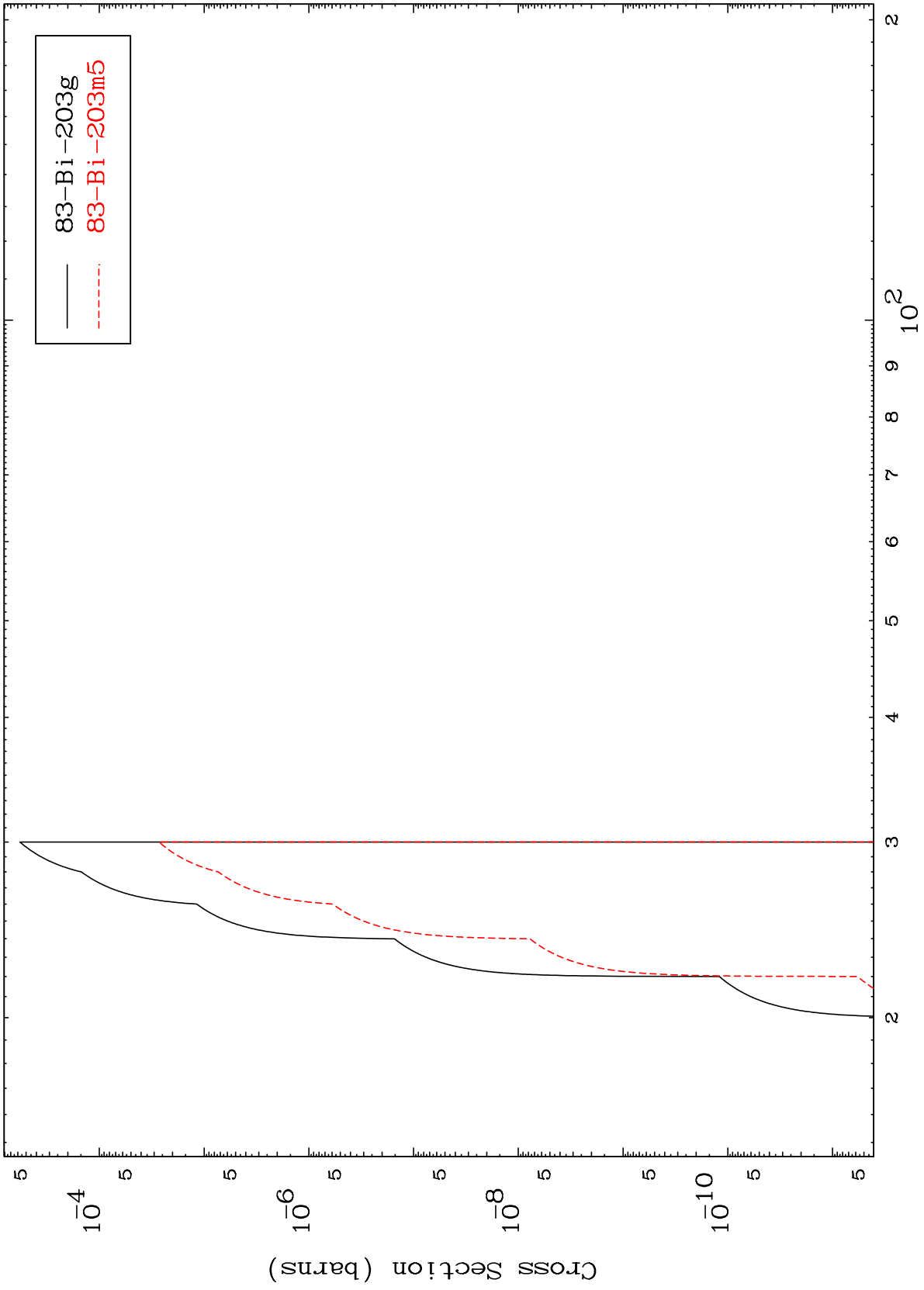
Incident Energy (MeV)

82-Pb-202

MAT 8220

82-Pb-202

(α, t)
Radionuclide Production Cross Section



17

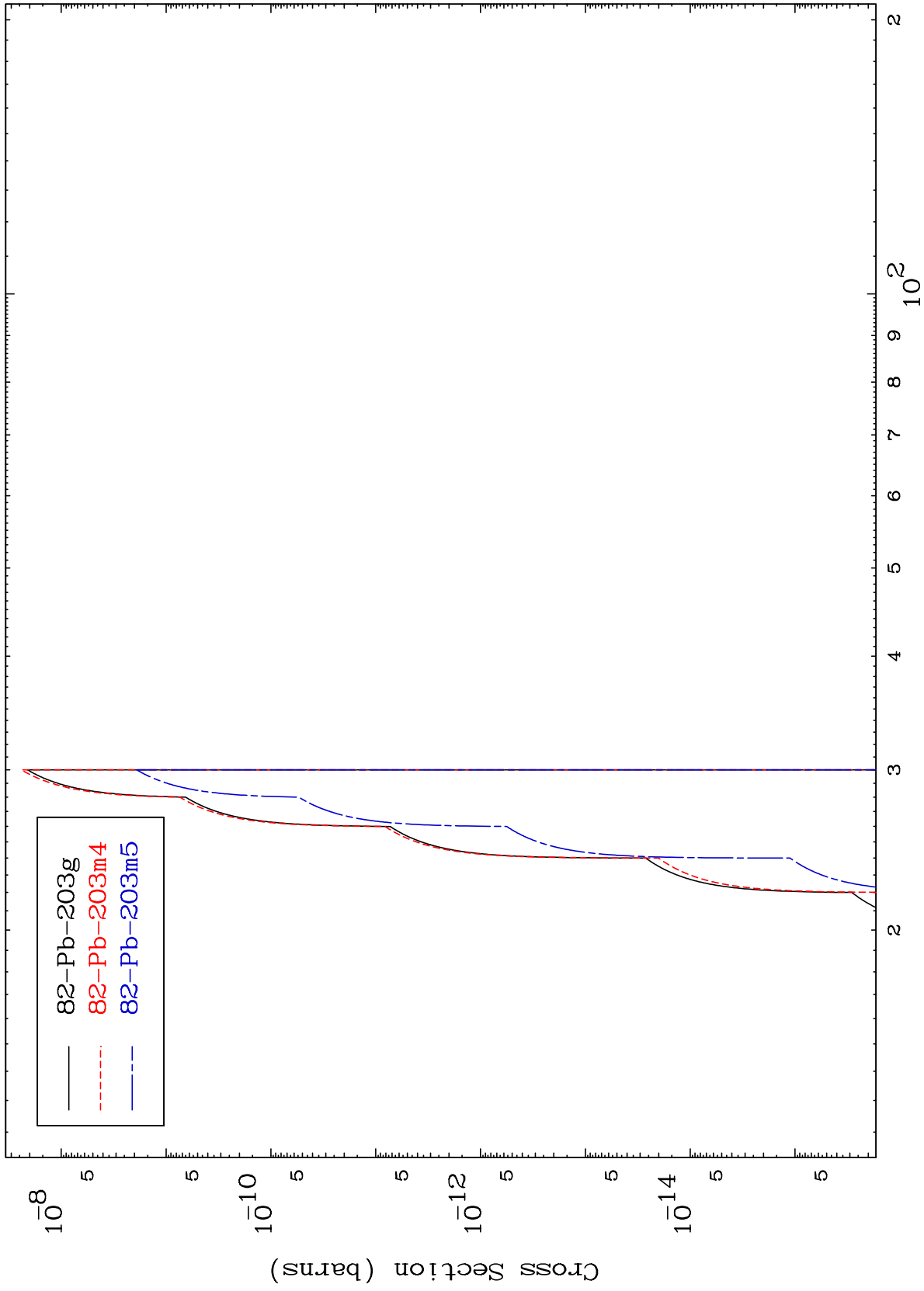
82-Pb-202

MAT 8220

($\alpha, \text{He-3}$)

82-Pb-202

Radionuclide Production Cross Section



18

Incident Energy (MeV)

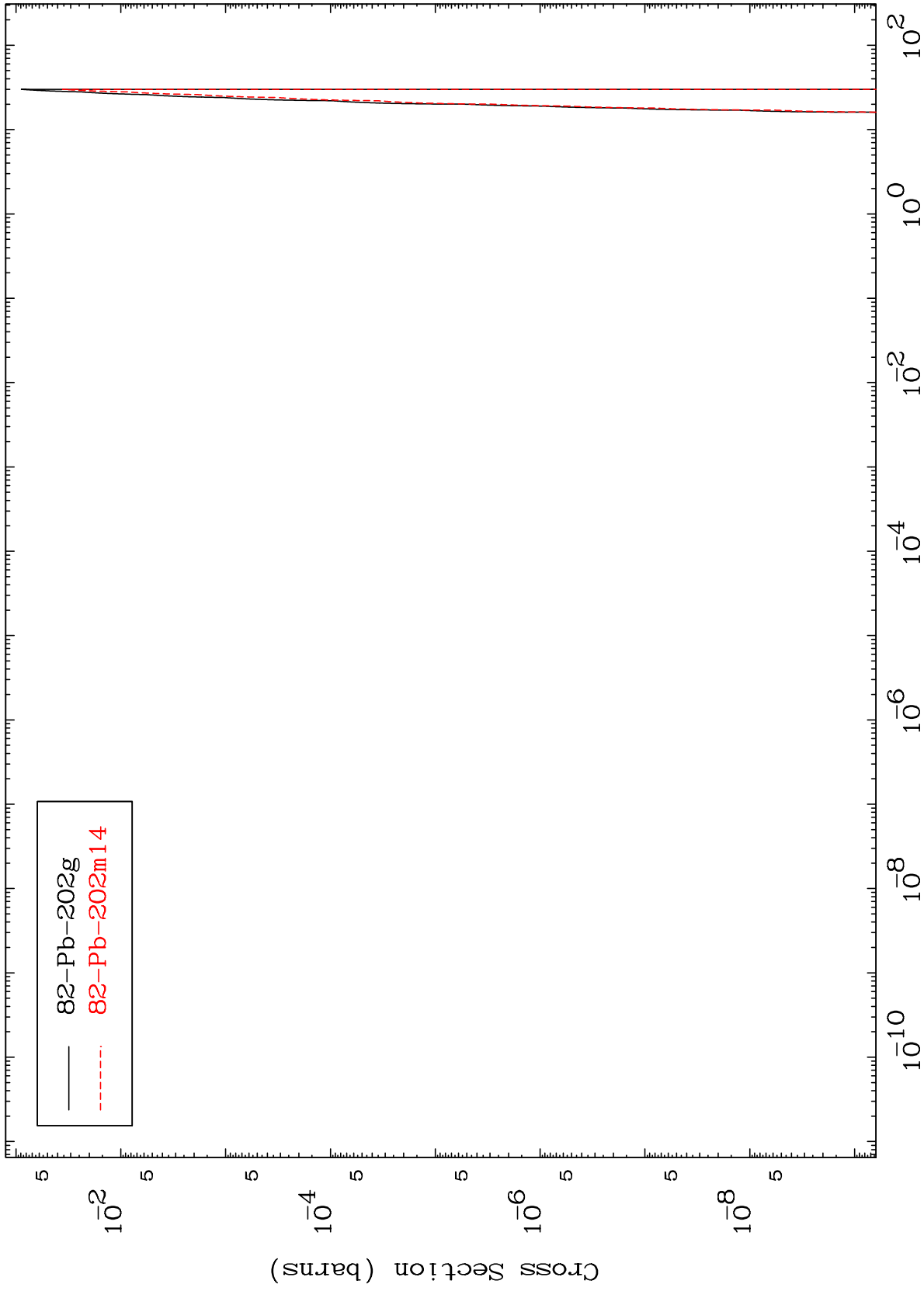
82-Pb-202

MAT 8220

(α, α)

82-Pb-202

Radionuclide Production Cross Section



19

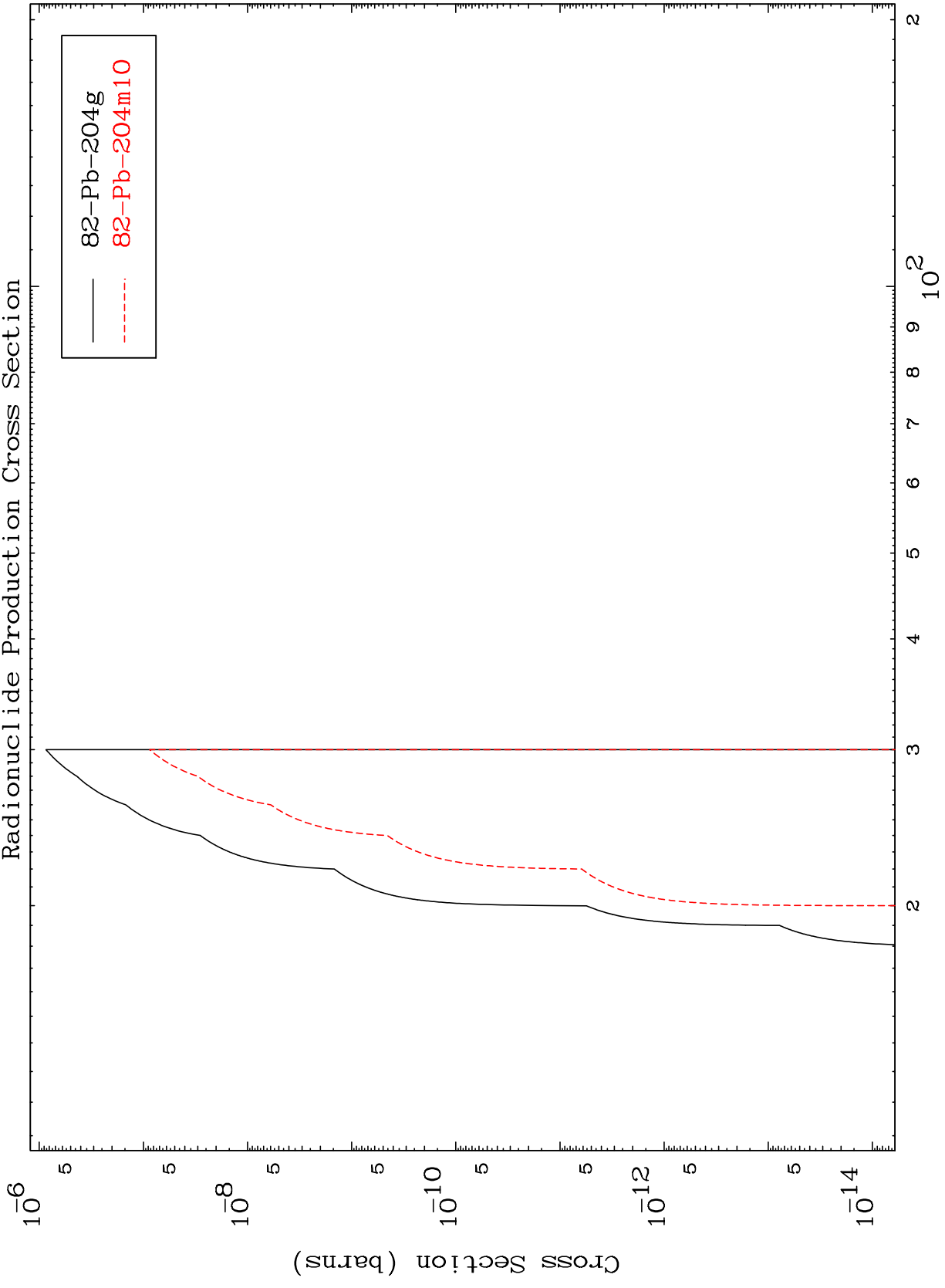
Incident Energy (MeV)

82-Pb-202

MAT 8220

82-Pb-202

($\alpha, 2p$)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

82-Pb-202