

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

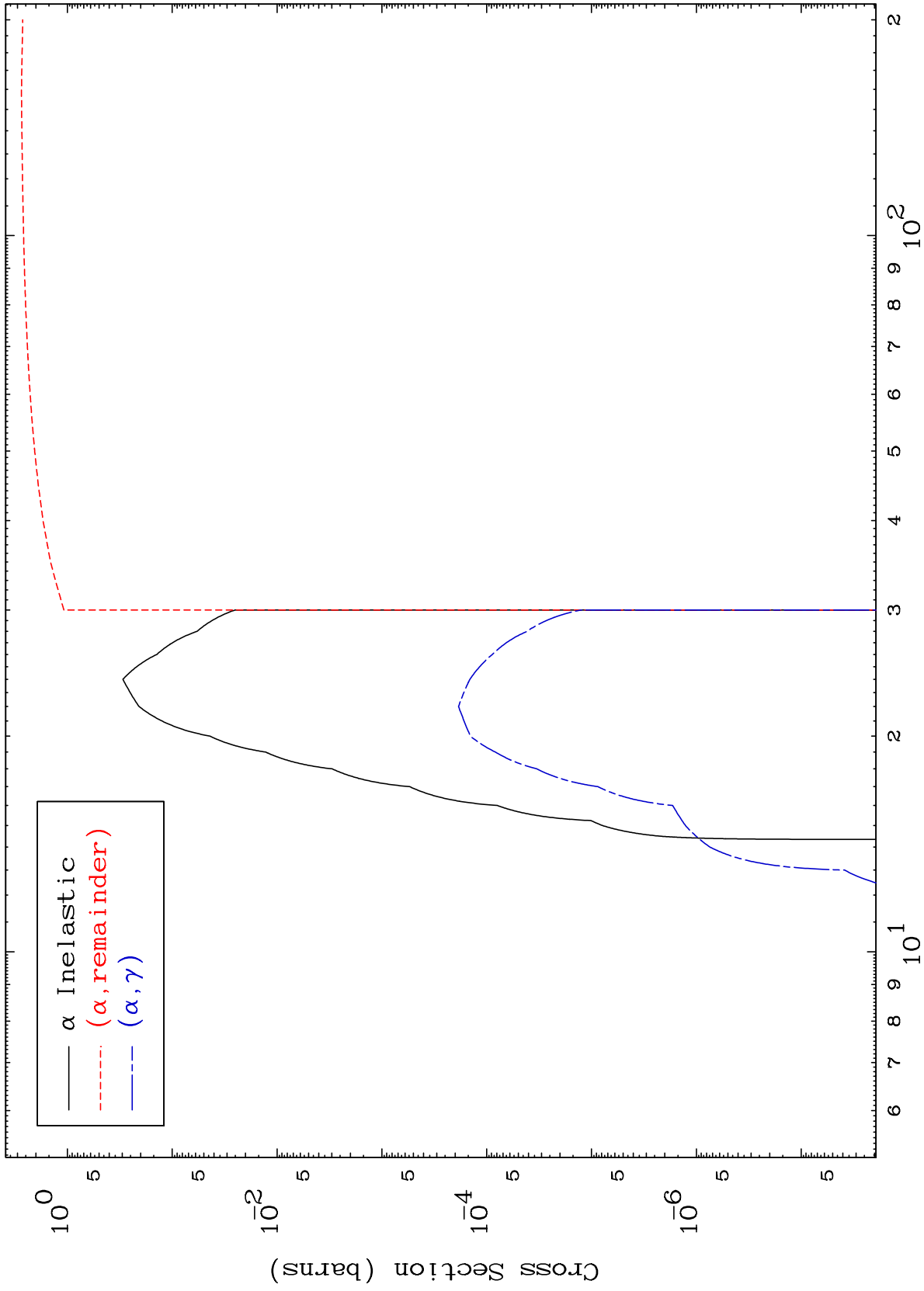
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8219

0 Kelvin α Major
Cross Sections

82-Pb-202



1

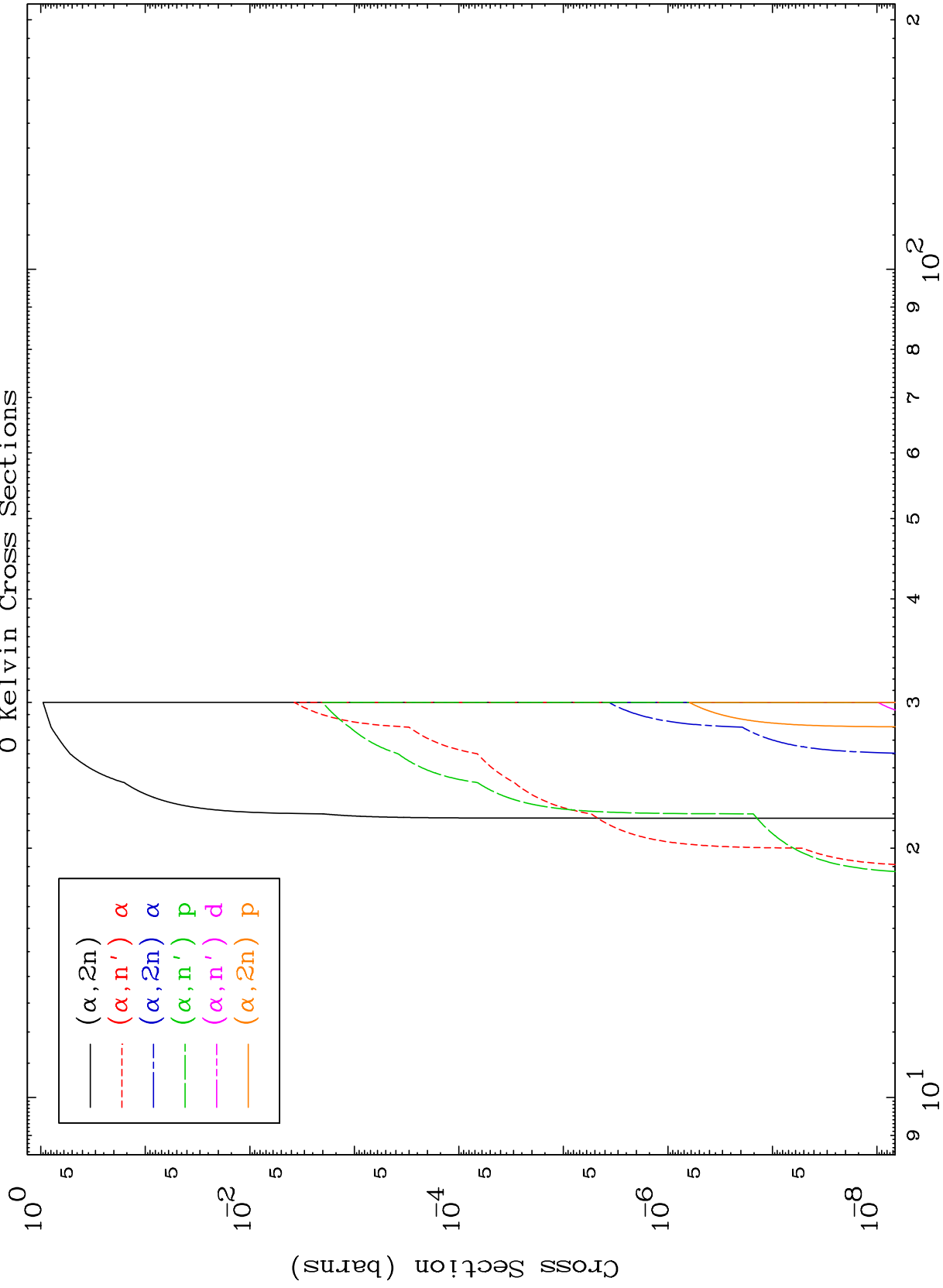
Incident Energy (MeV)

82-Pb-202

MAT 8219

α Neutron Production
0 Kelvin Cross Sections

82-Pb-202



2

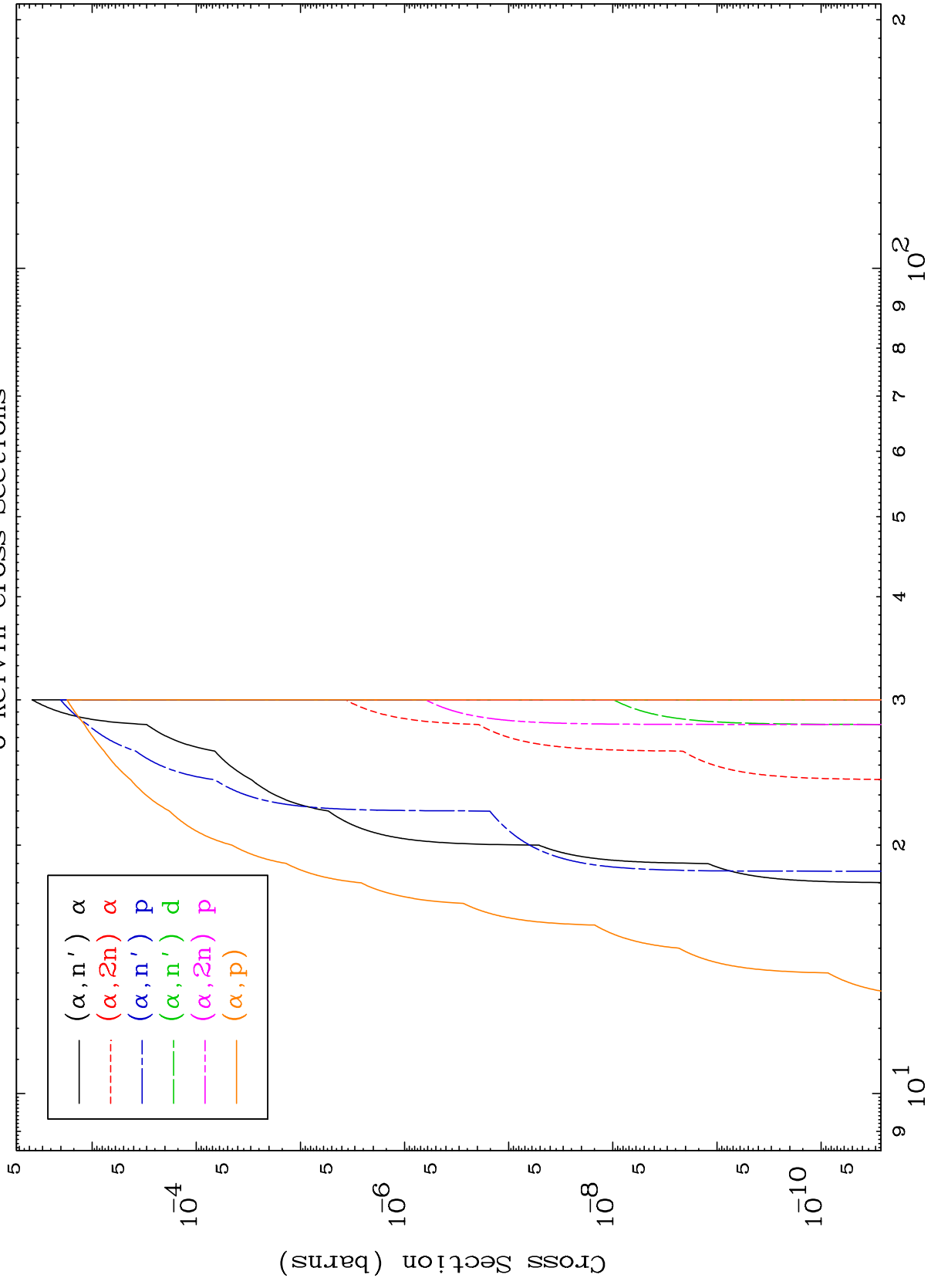
Incident Energy (MeV)

82-Pb-202

MAT 8219

α Charged Particle
0 Kelvin Cross Sections

82-Pb-202



3

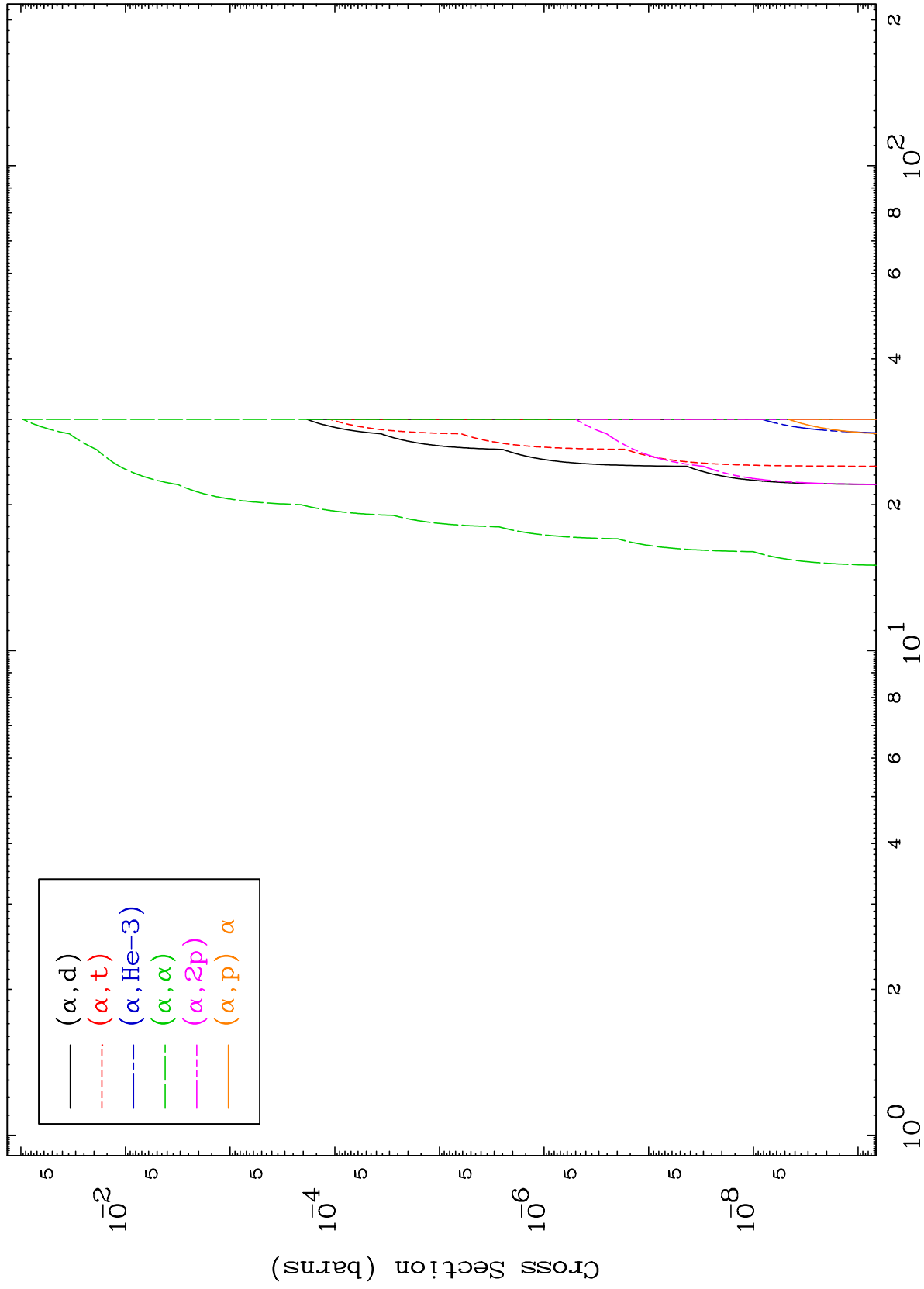
Incident Energy (MeV)

82-Pb-202

MAT 8219

α Charged Particle
0 Kelvin Cross Sections

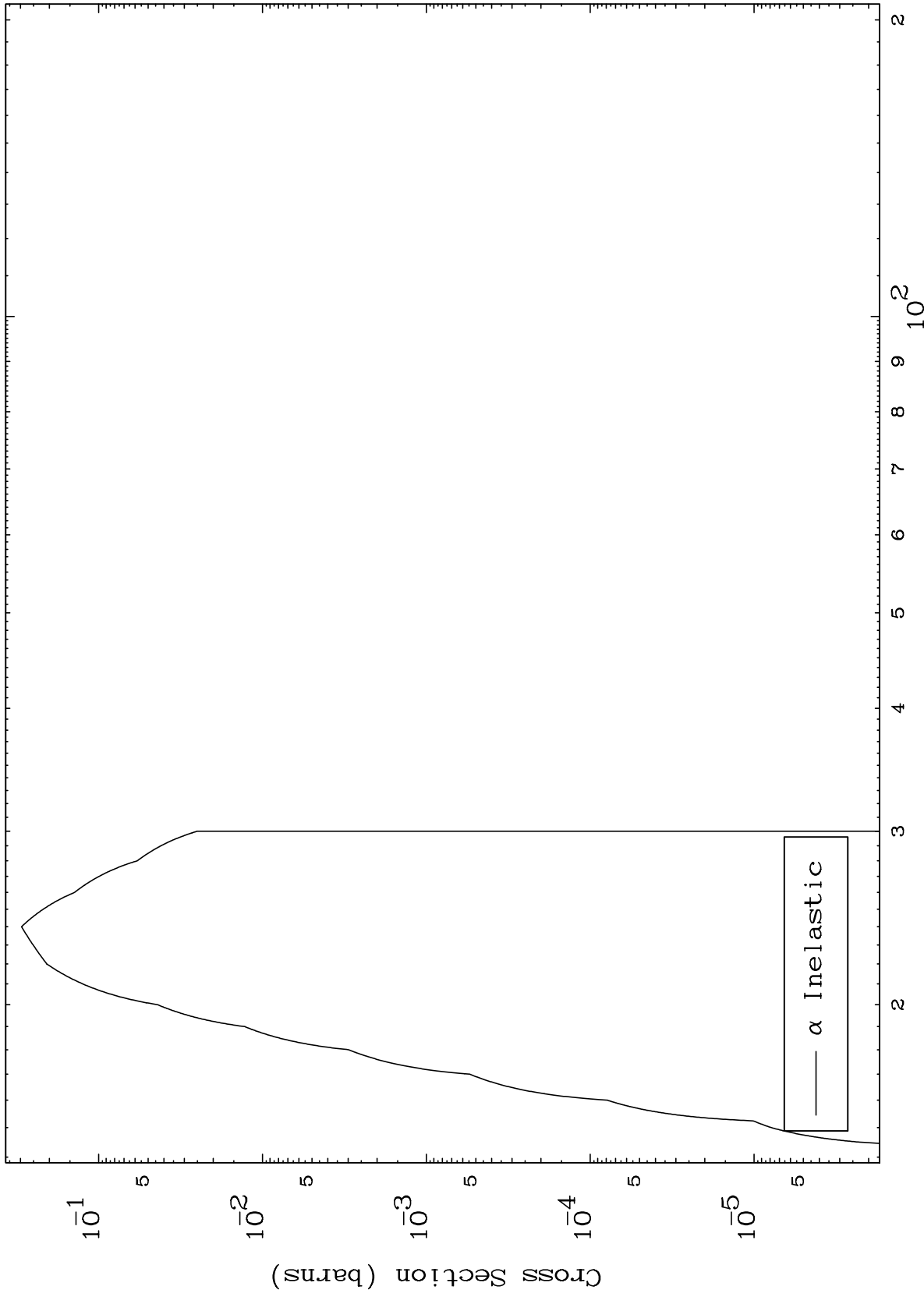
82-Pb-202



Incident Energy (MeV)

82-Pb-202

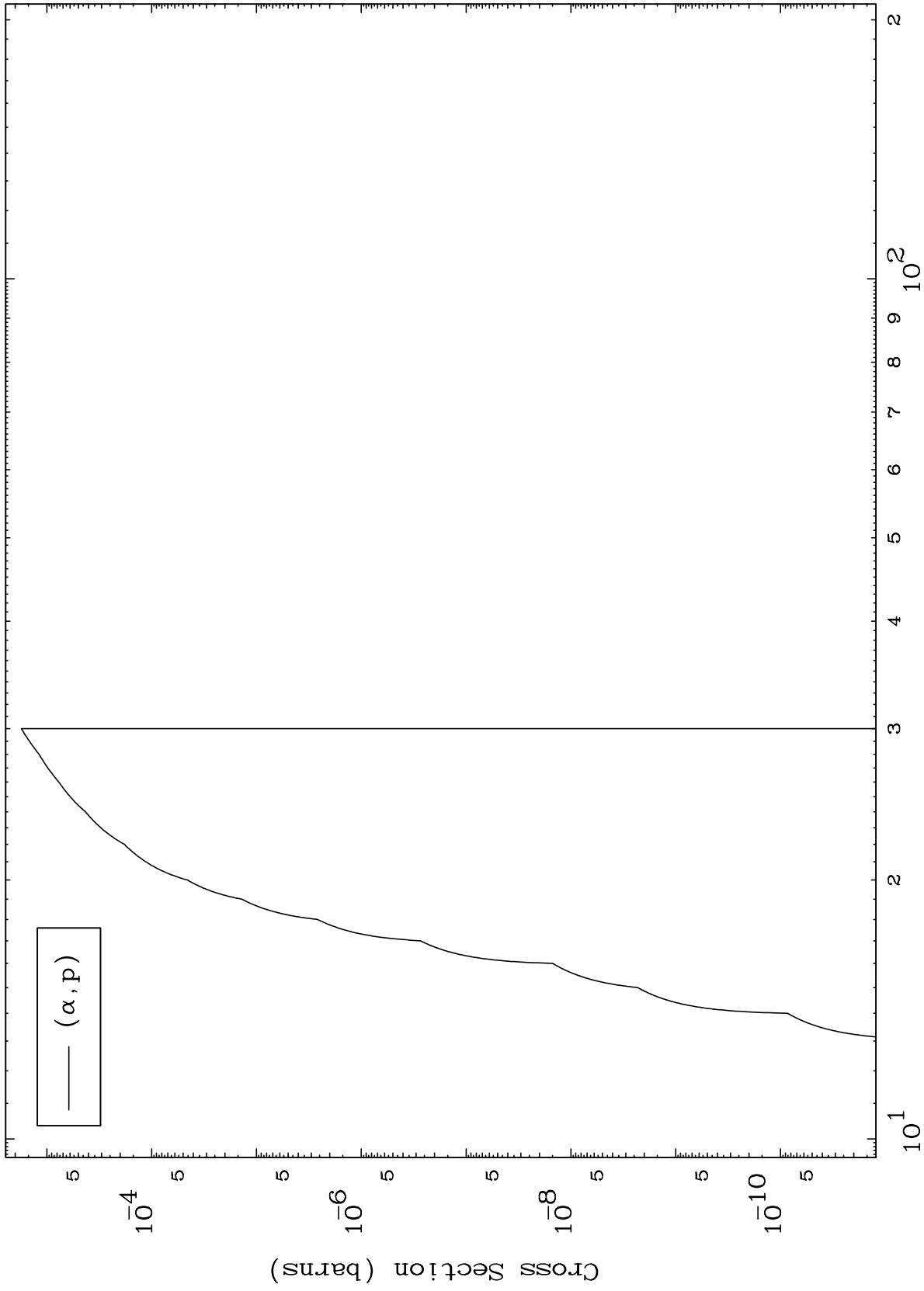
(α, n') Level
0 Kelvin Cross Sections



MAT 8219

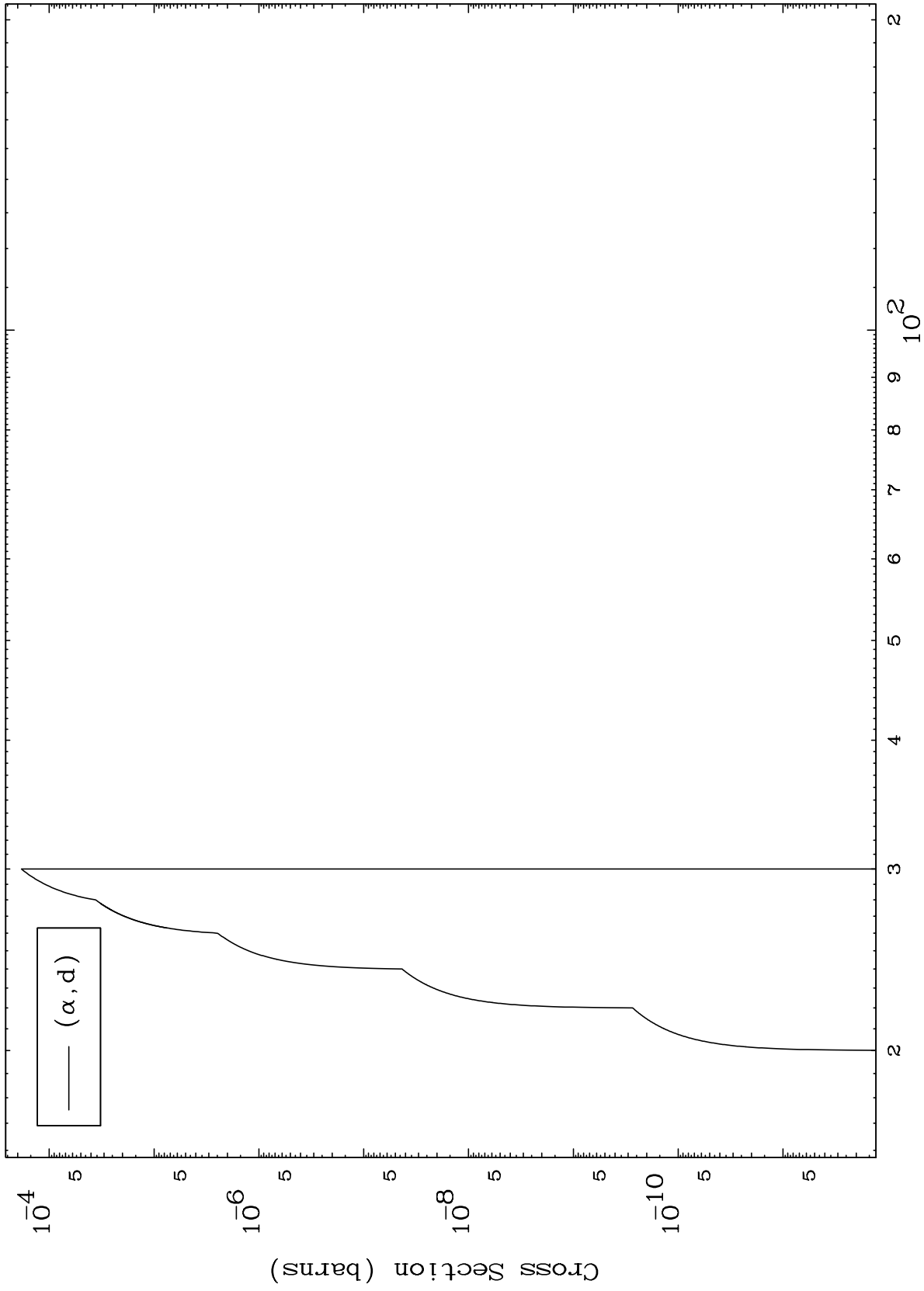
(α, p) Levels
0 Kelvin Cross Sections

82-Pb-202



Incident Energy (MeV)

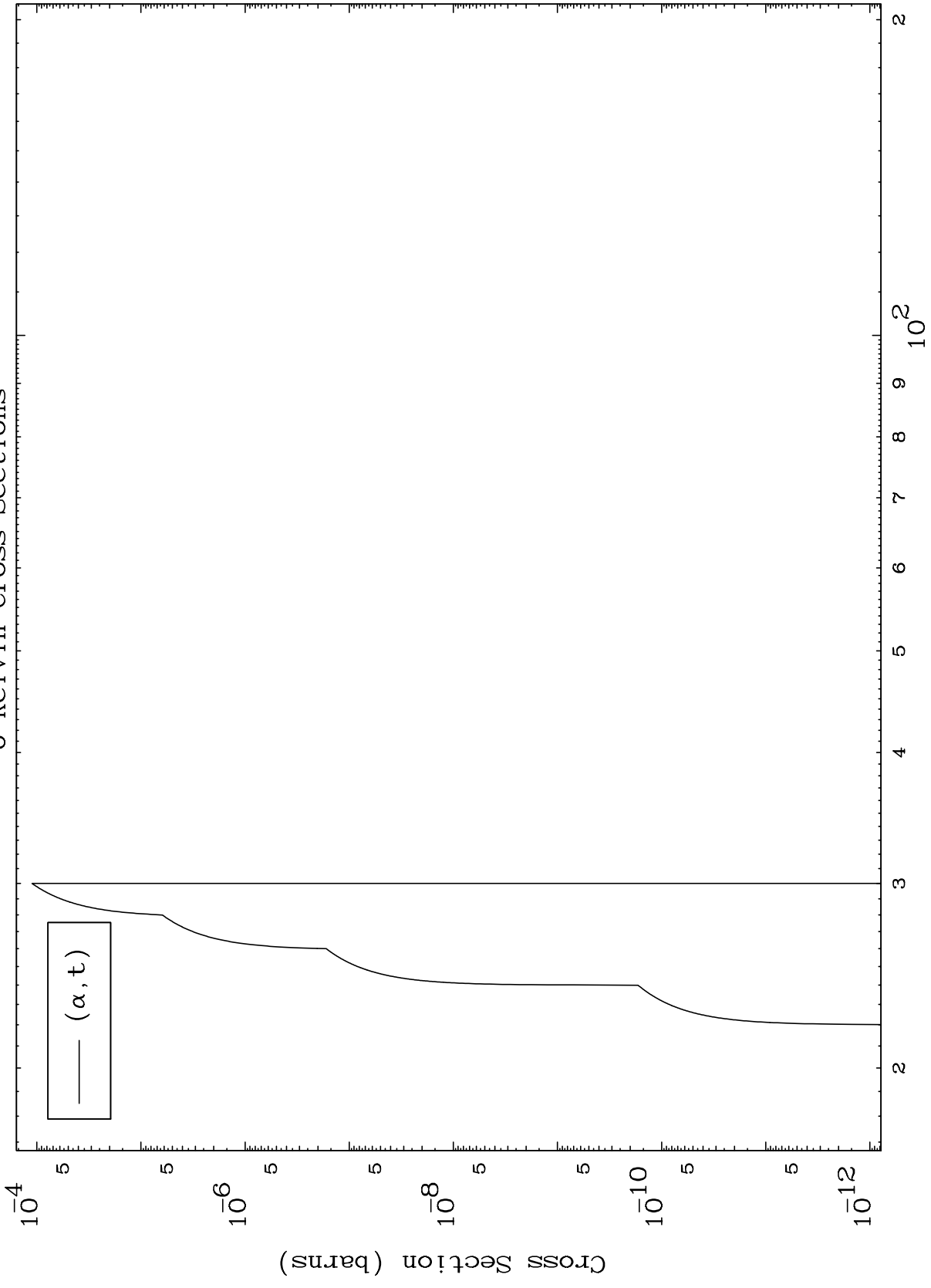
82-Pb-202



MAT 8219

(α, t) Levels
0 Kelvin Cross Sections

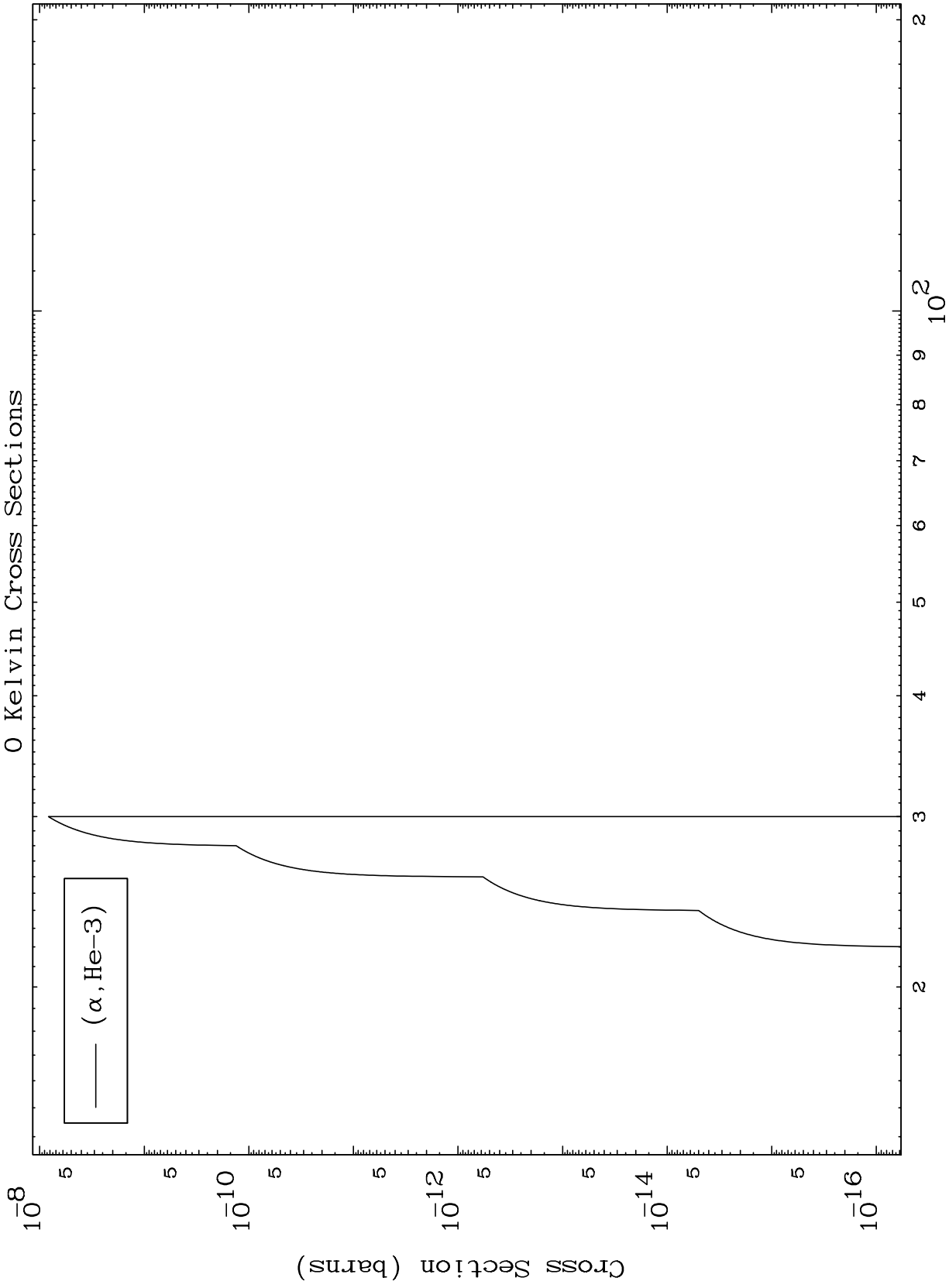
82-Pb-202



8

Incident Energy (MeV)

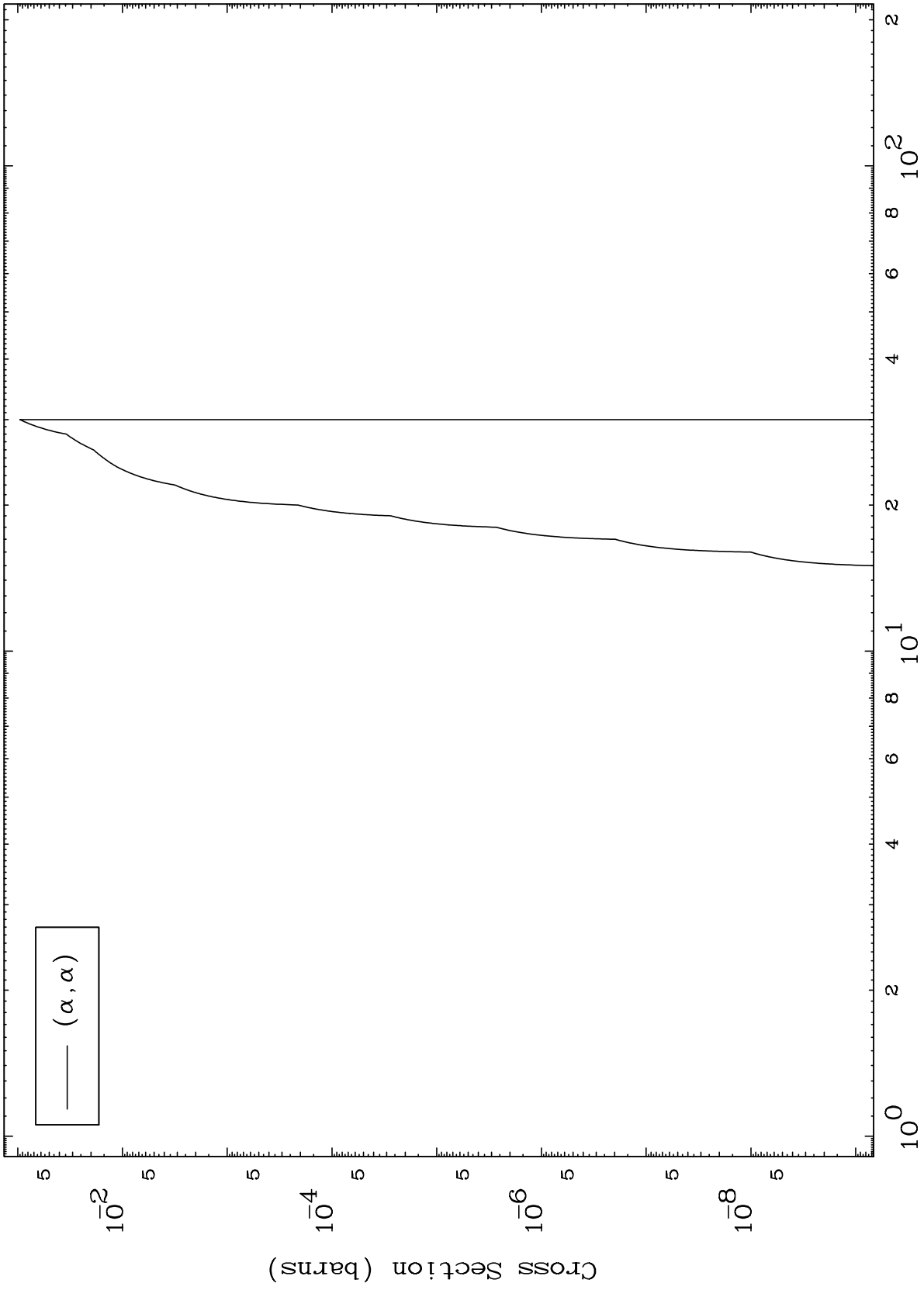
82-Pb-202



MAT 8219

(α, α) Levels
0 Kelvin Cross Sections

82-Pb-202



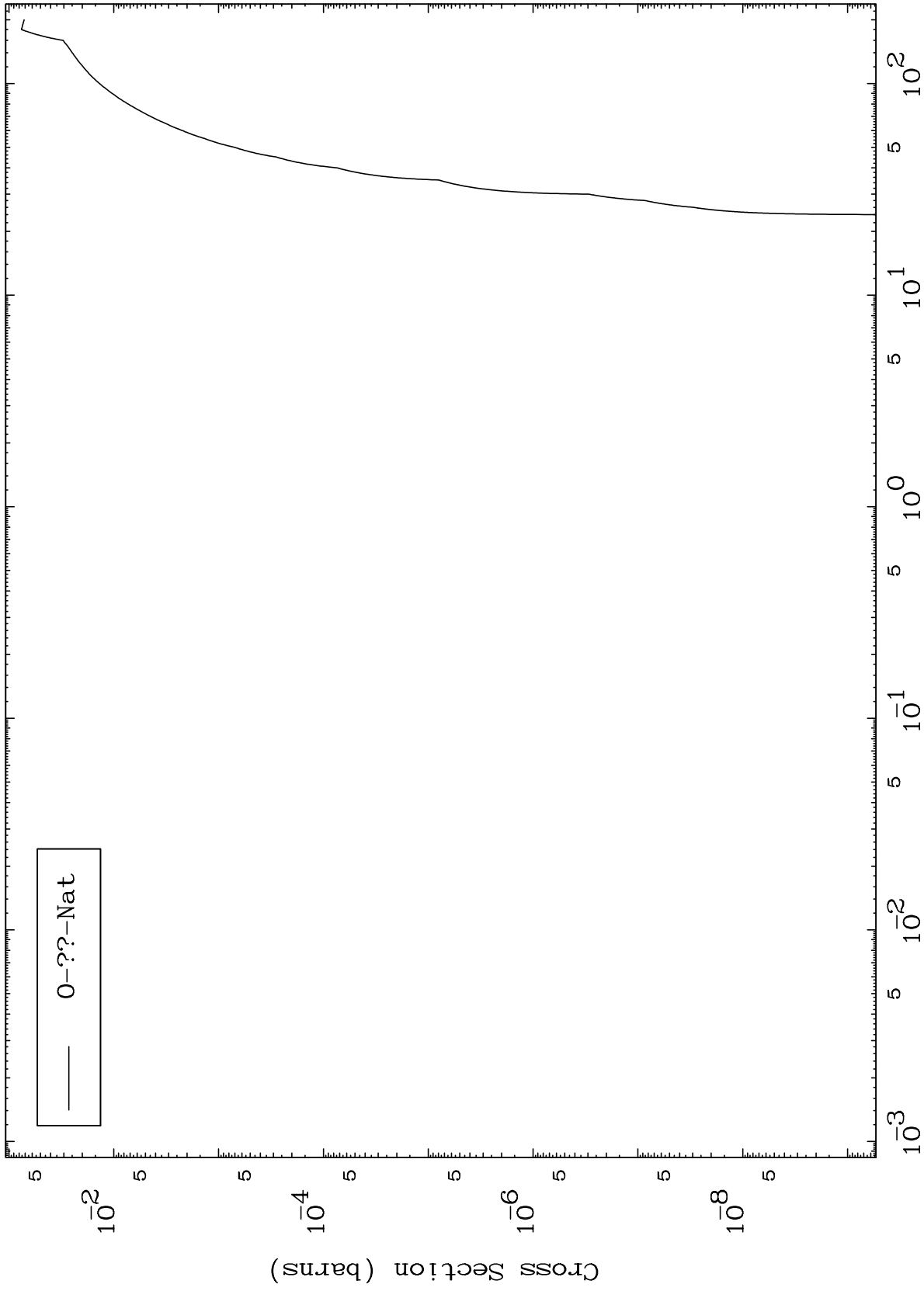
Incident Energy (MeV)

82-Pb-202

MAT 8219

α Fission
Radionuclide Production Cross Section

82-Pb-202



11

Incident Energy (MeV)

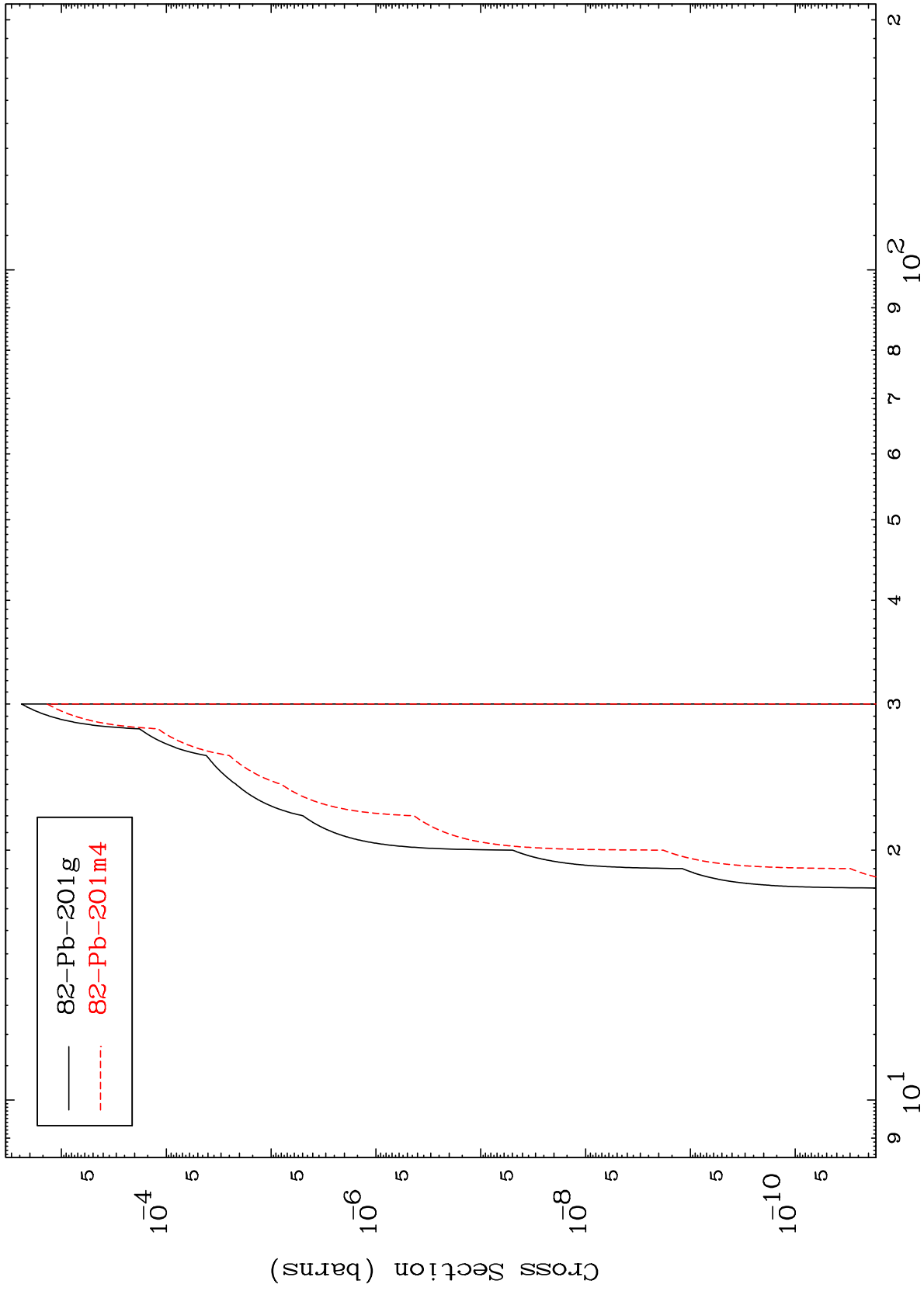
82-Pb-202

MAT 8219

(α, n') α

82-Pb-202

Radionuclide Production Cross Section



12

Incident Energy (MeV)

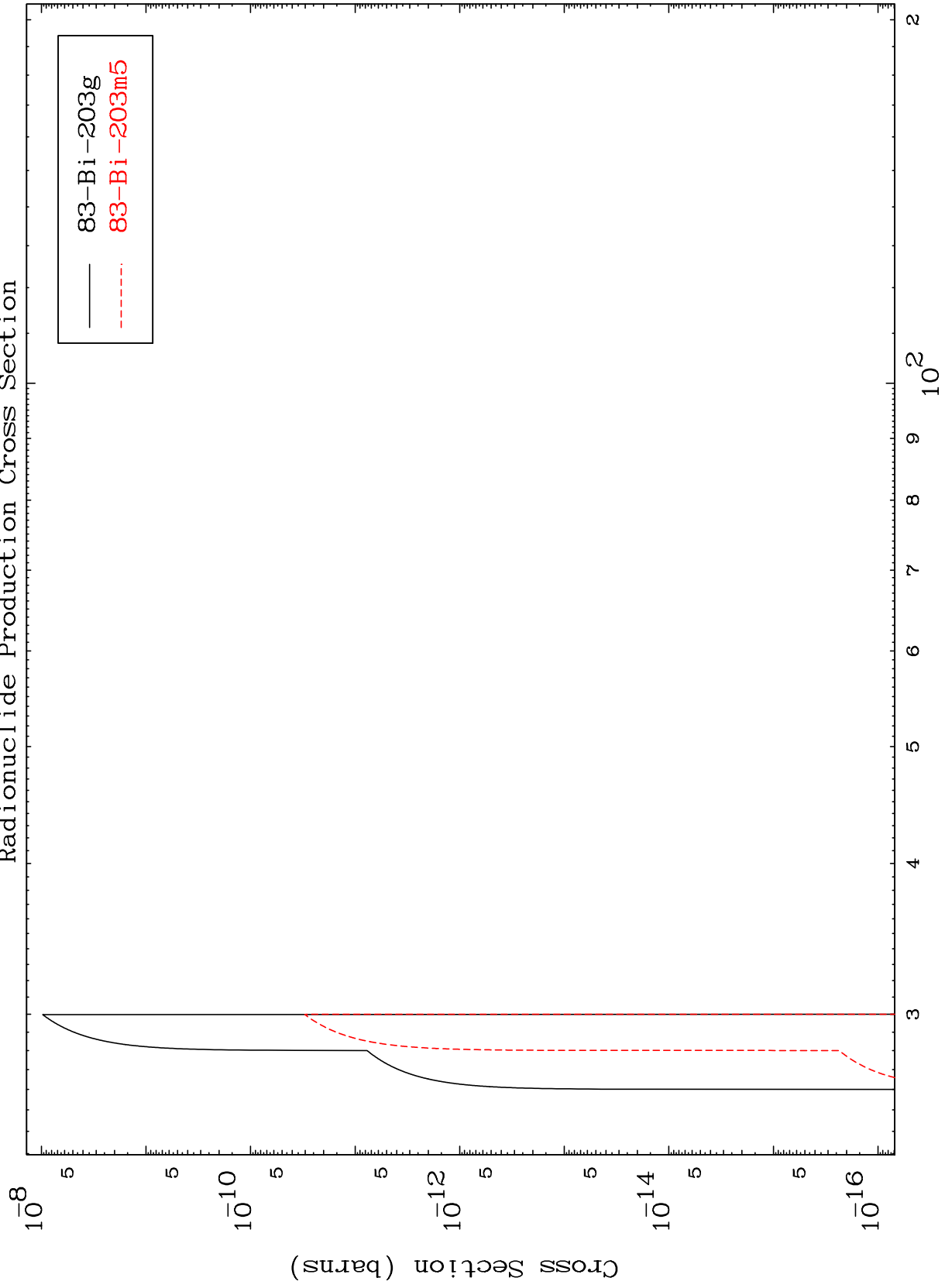
82-Pb-202

MAT 8219

(α, n') d

82-Pb-202

Radionuclide Production Cross Section



13

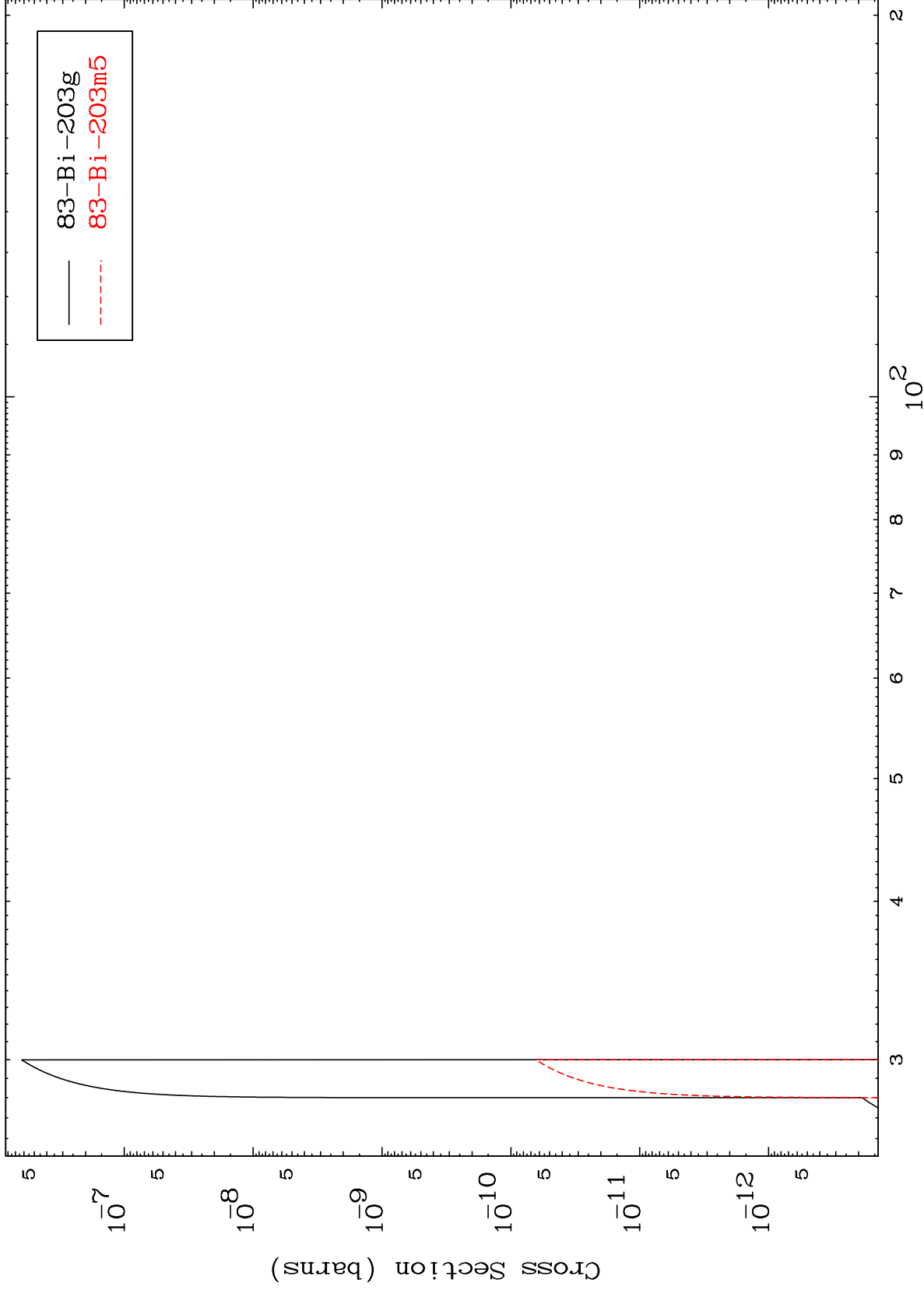
Incident Energy (MeV)

82-Pb-202

MAT 8219

82-Pb-202

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



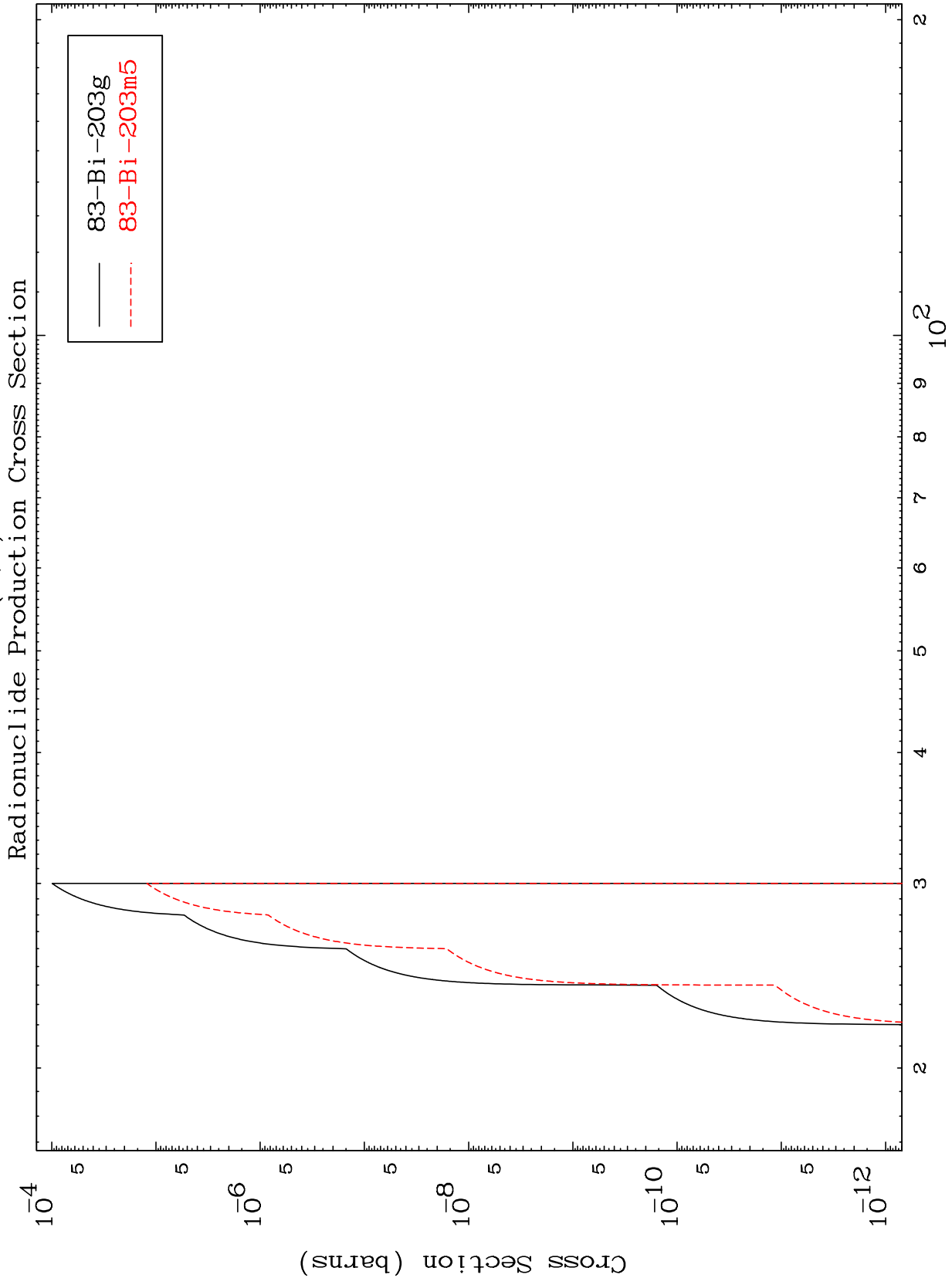
14

82-Pb-202

MAT 8219

(α, t)

82-Pb-202



15

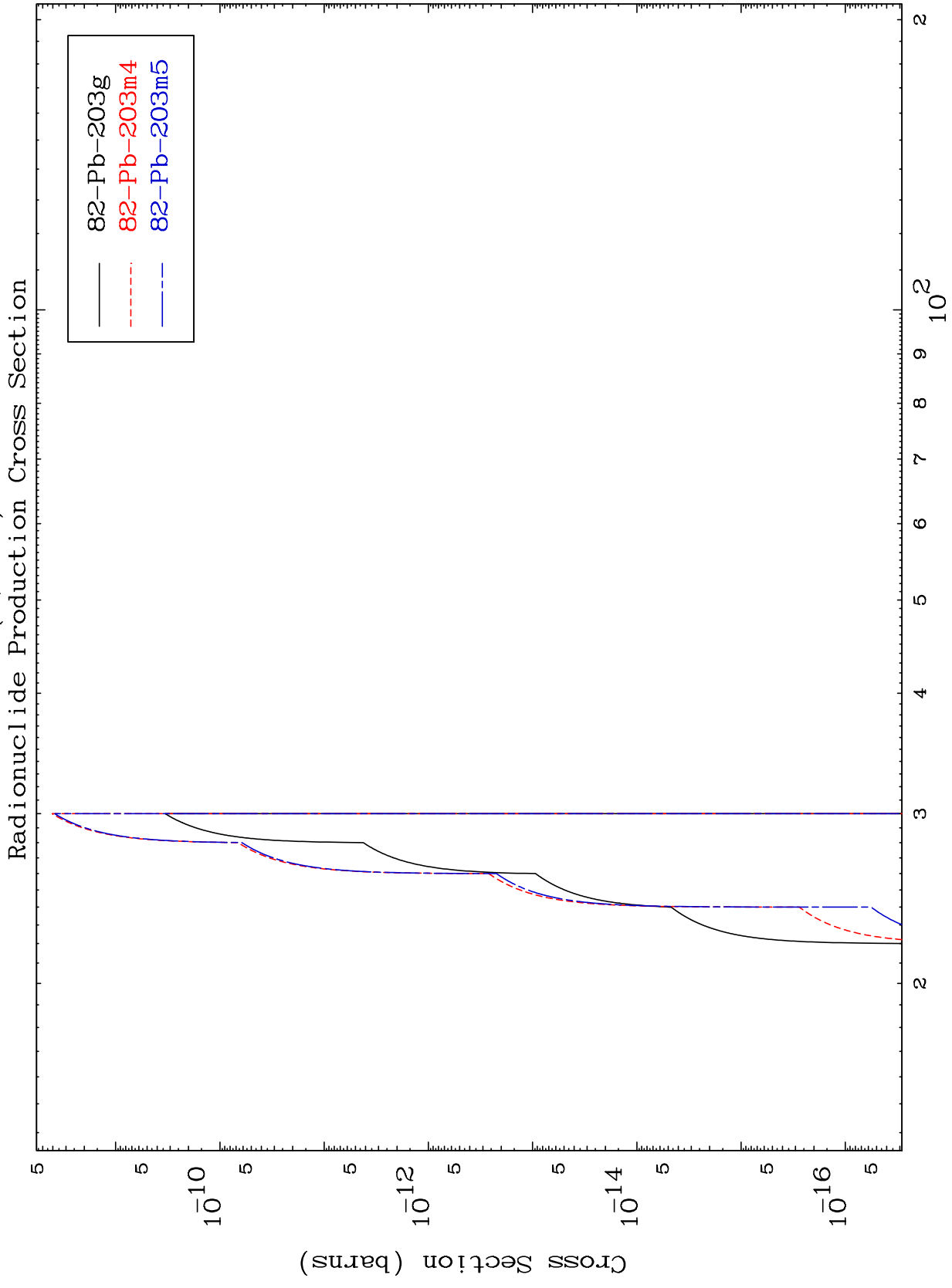
82-Pb-202

82-Pb-202

MAT 8219

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

82-Pb-202



16

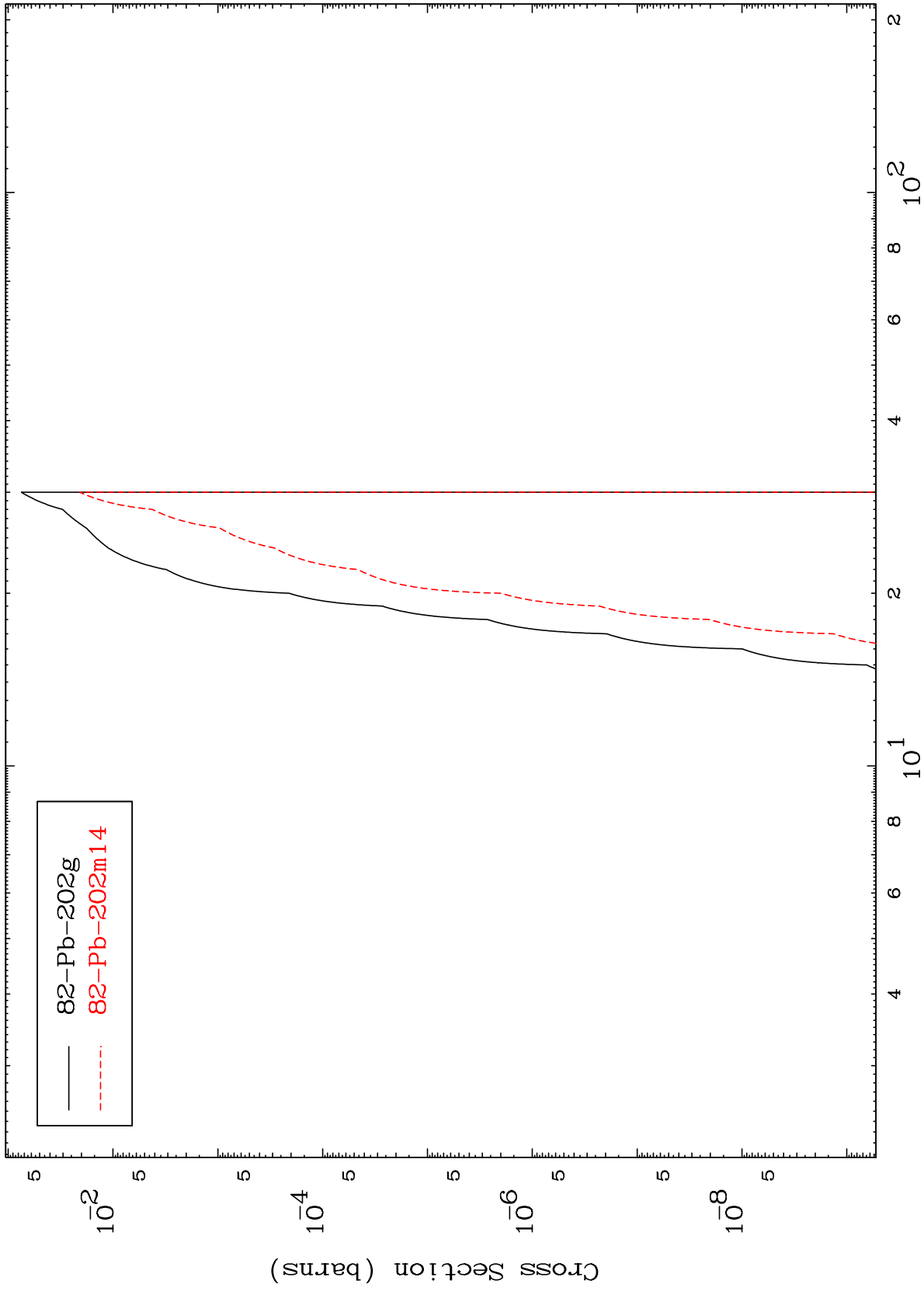
Incident Energy (MeV)

82-Pb-202

MAT 8219

82-Pb-202

(α, α)
Radionuclide Production Cross Section



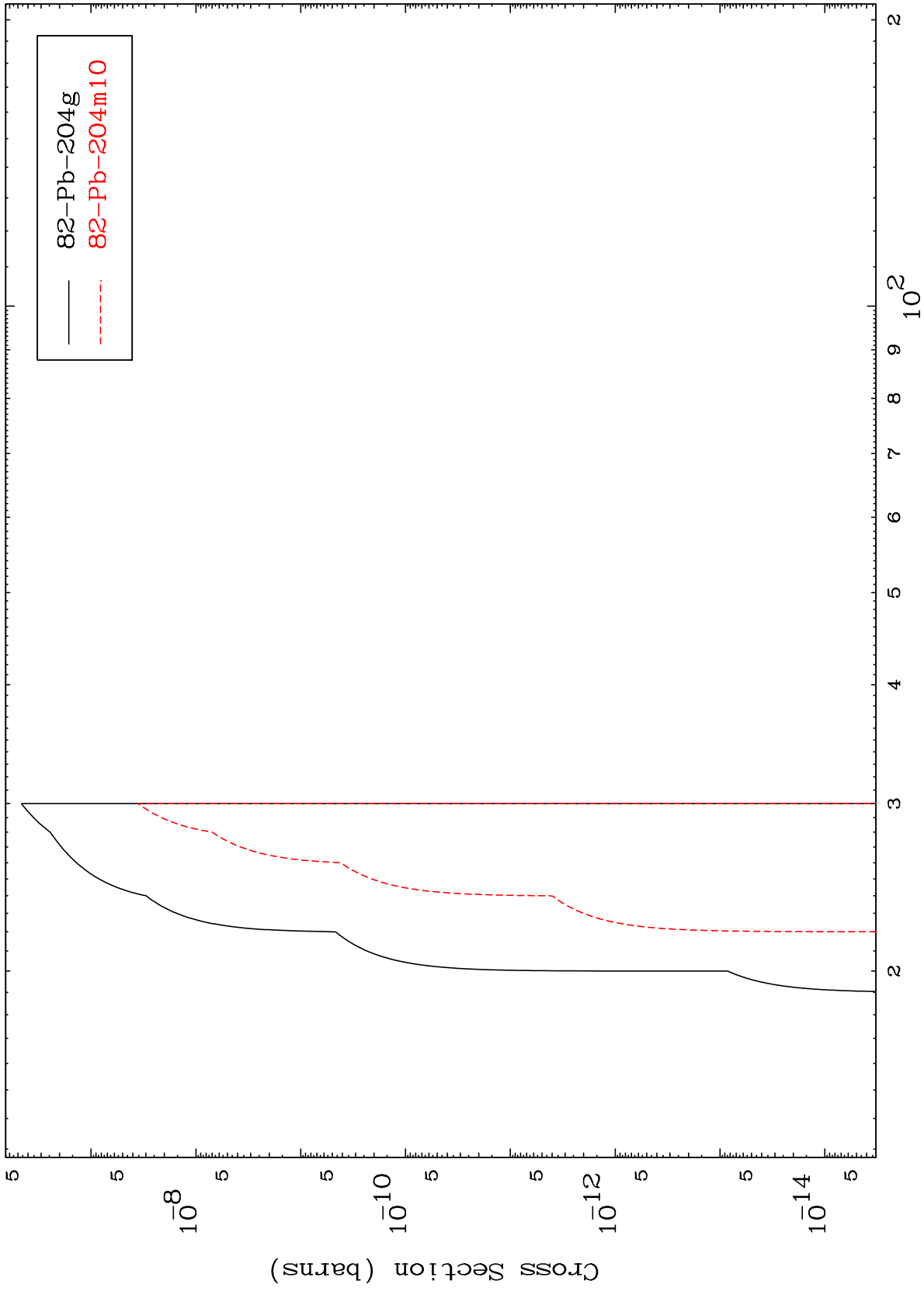
17

82-Pb-202

MAT 8219

82-Pb-202

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



18

82-Pb-202

Incident Energy (MeV)