

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

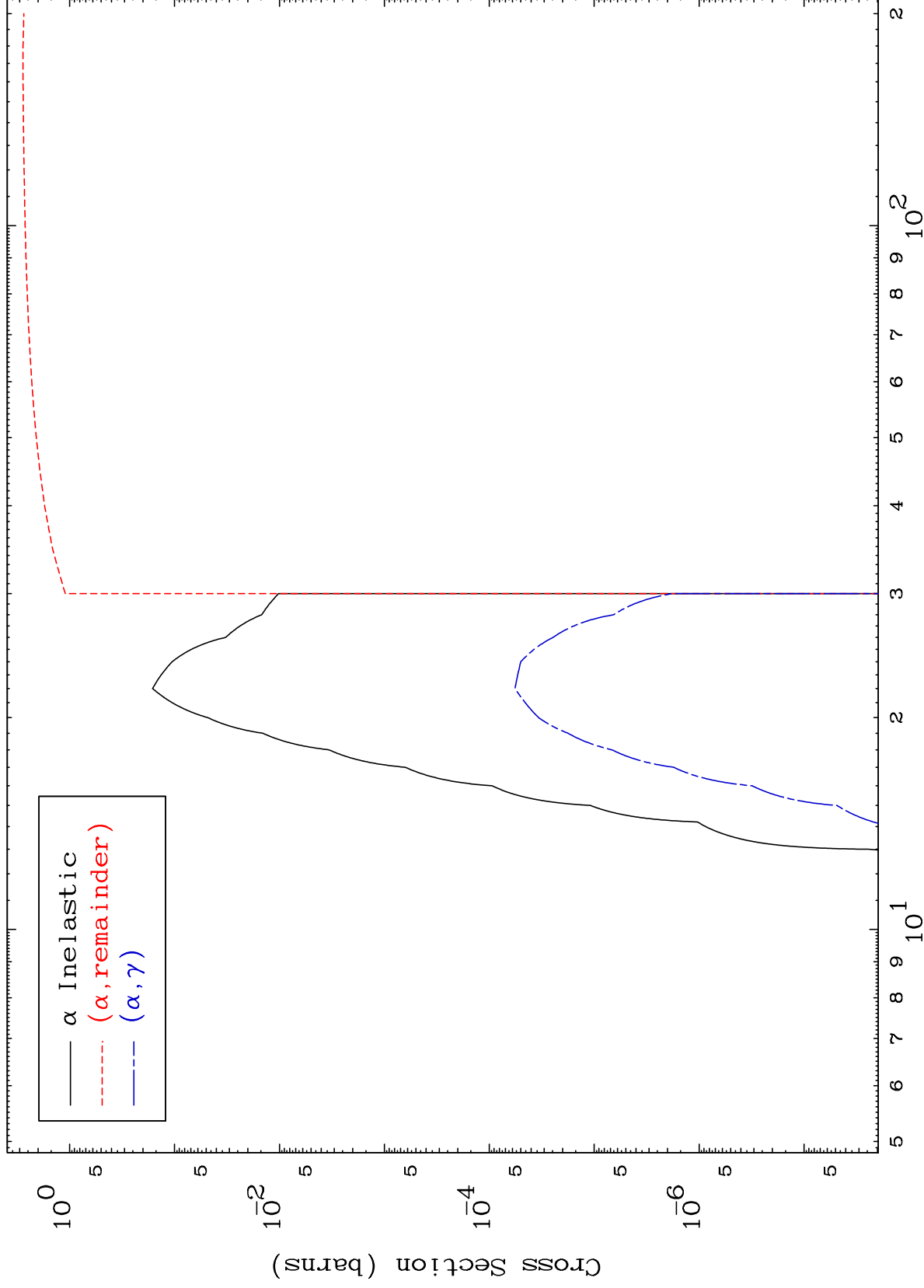
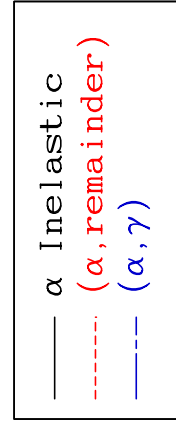
Press Mouse Button to Start

MAT 8228

α Major

82-Pb-205

0 Kelvin Cross Sections



1

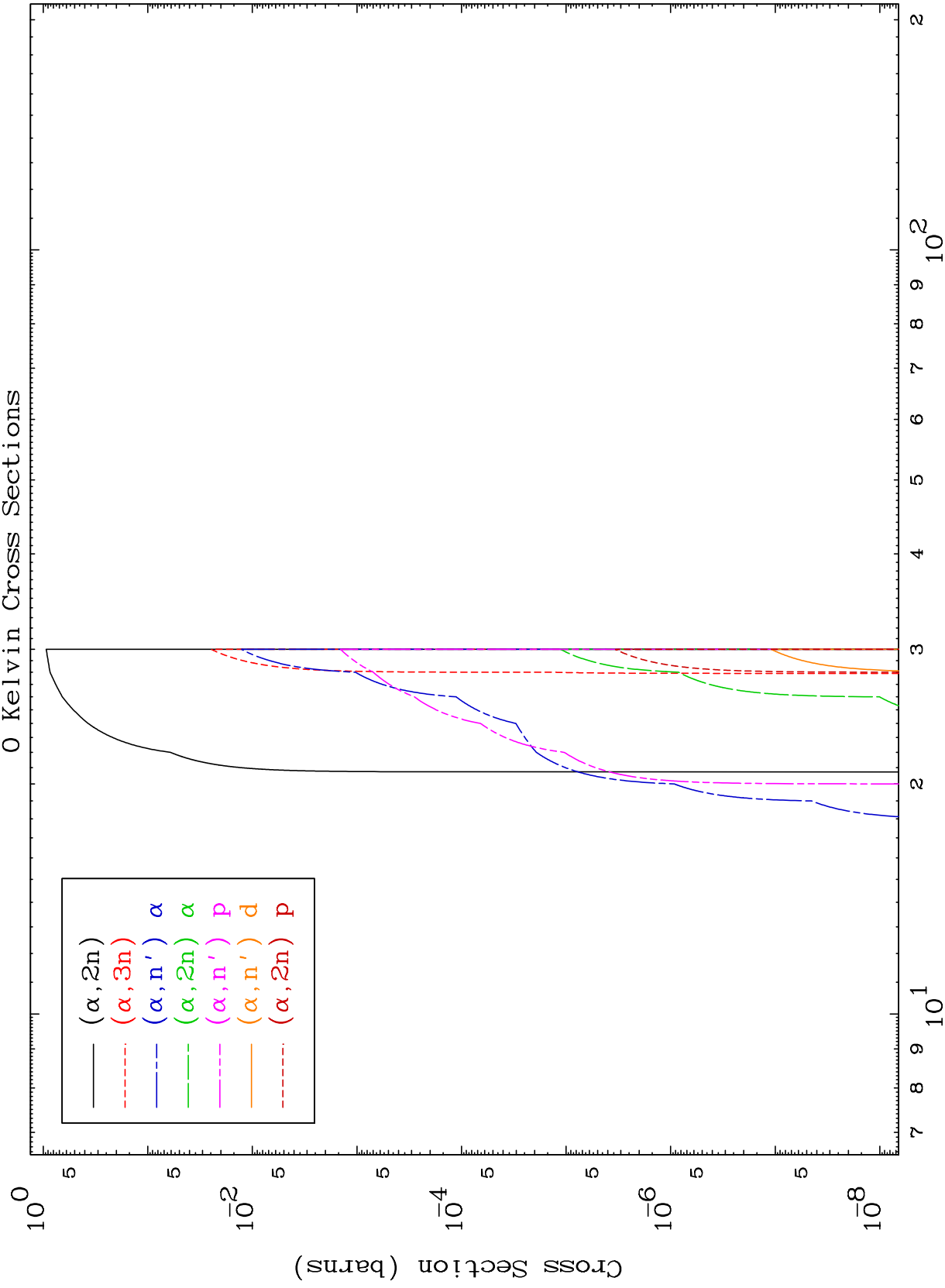
Incident Energy (MeV)

82-Pb-205

MAT 8228

α Neutron Production
0 Kelvin Cross Sections

82-Pb-205



2

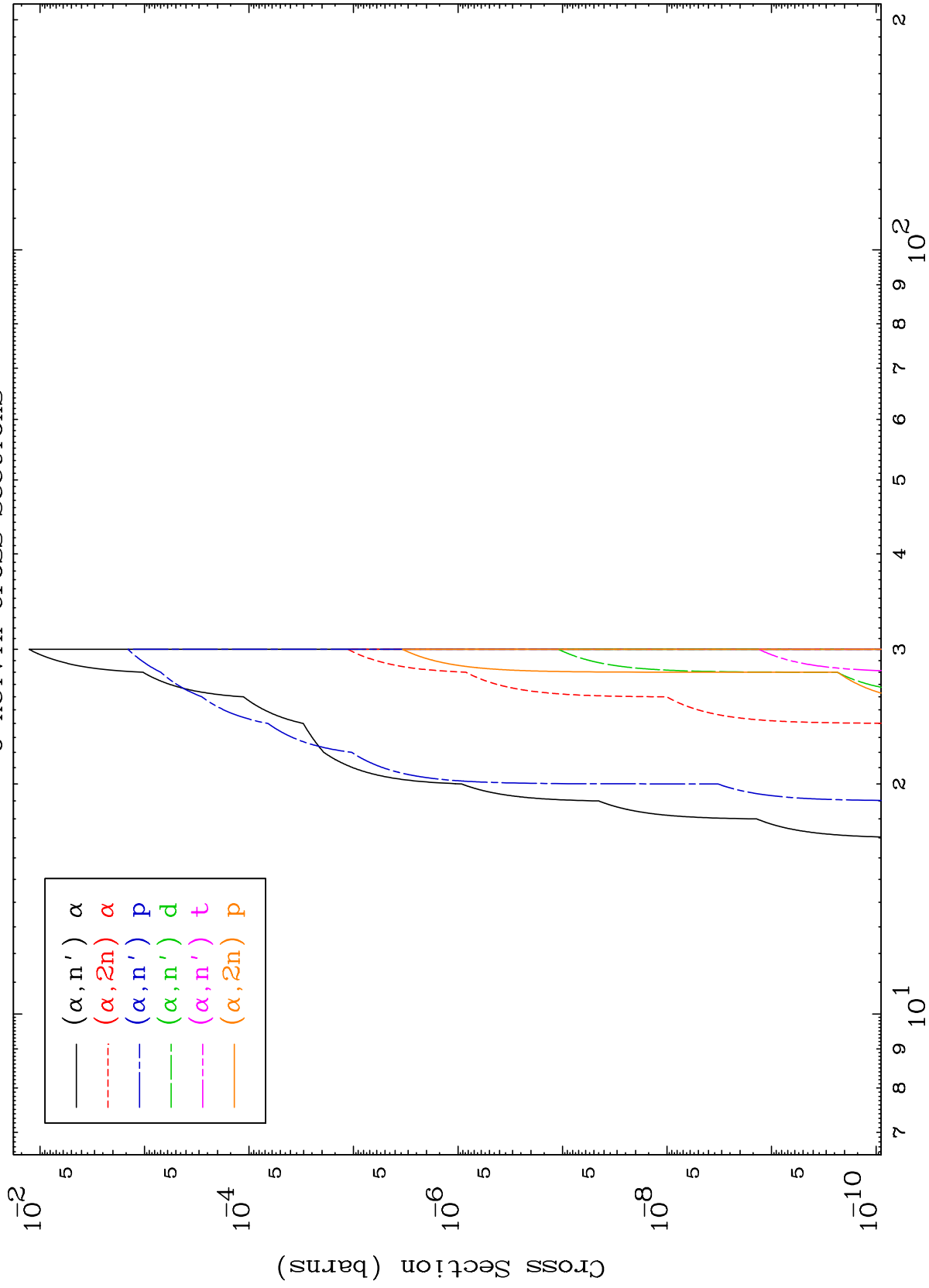
Incident Energy (MeV)

82-Pb-205

MAT 8228

α Charged Particle
0 Kelvin Cross Sections

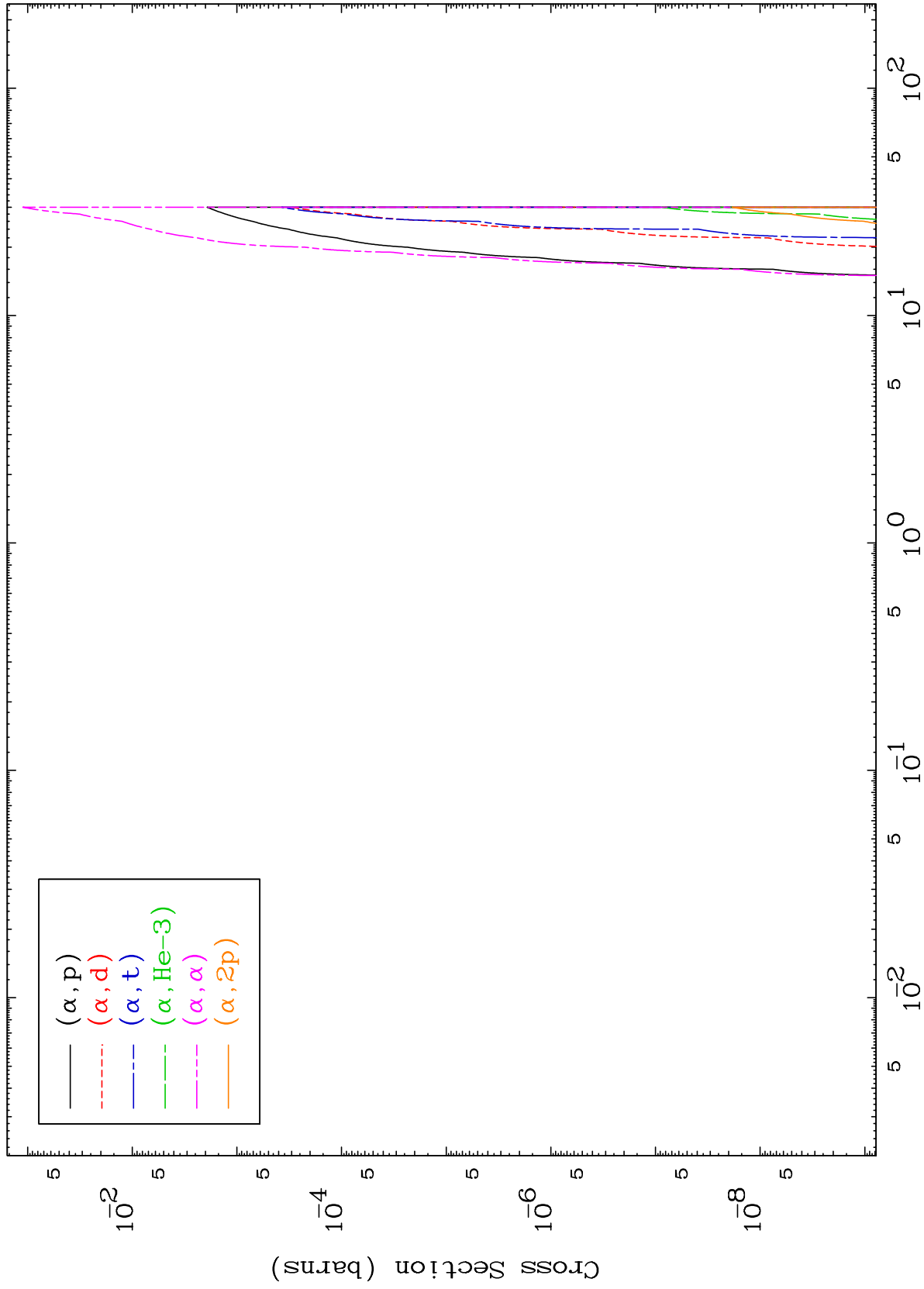
82-Pb-205



3

Incident Energy (MeV)

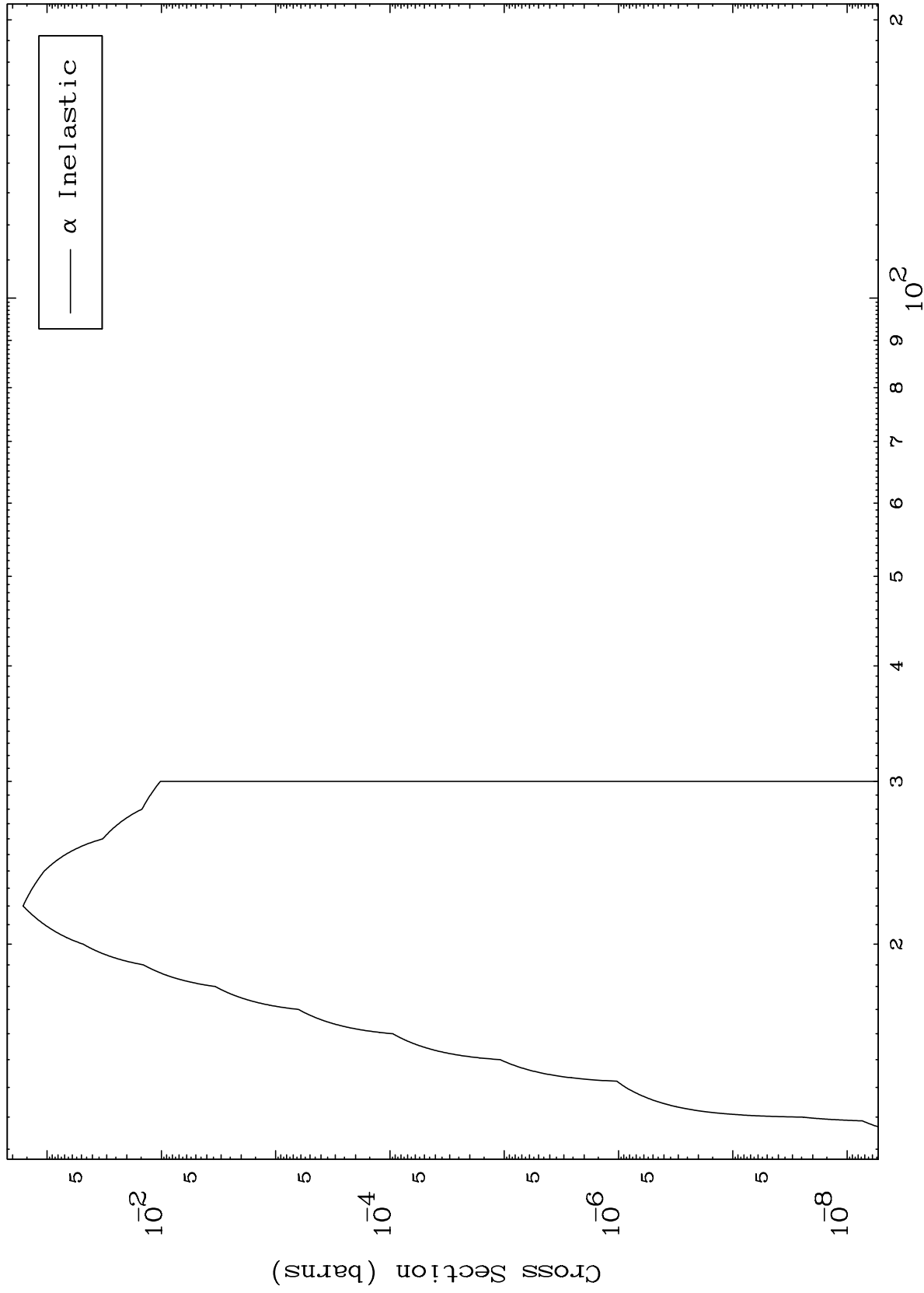
82-Pb-205



MAT 8228

(α, n') Level
0 Kelvin Cross Sections

82-Pb-205



5

Incident Energy (MeV)

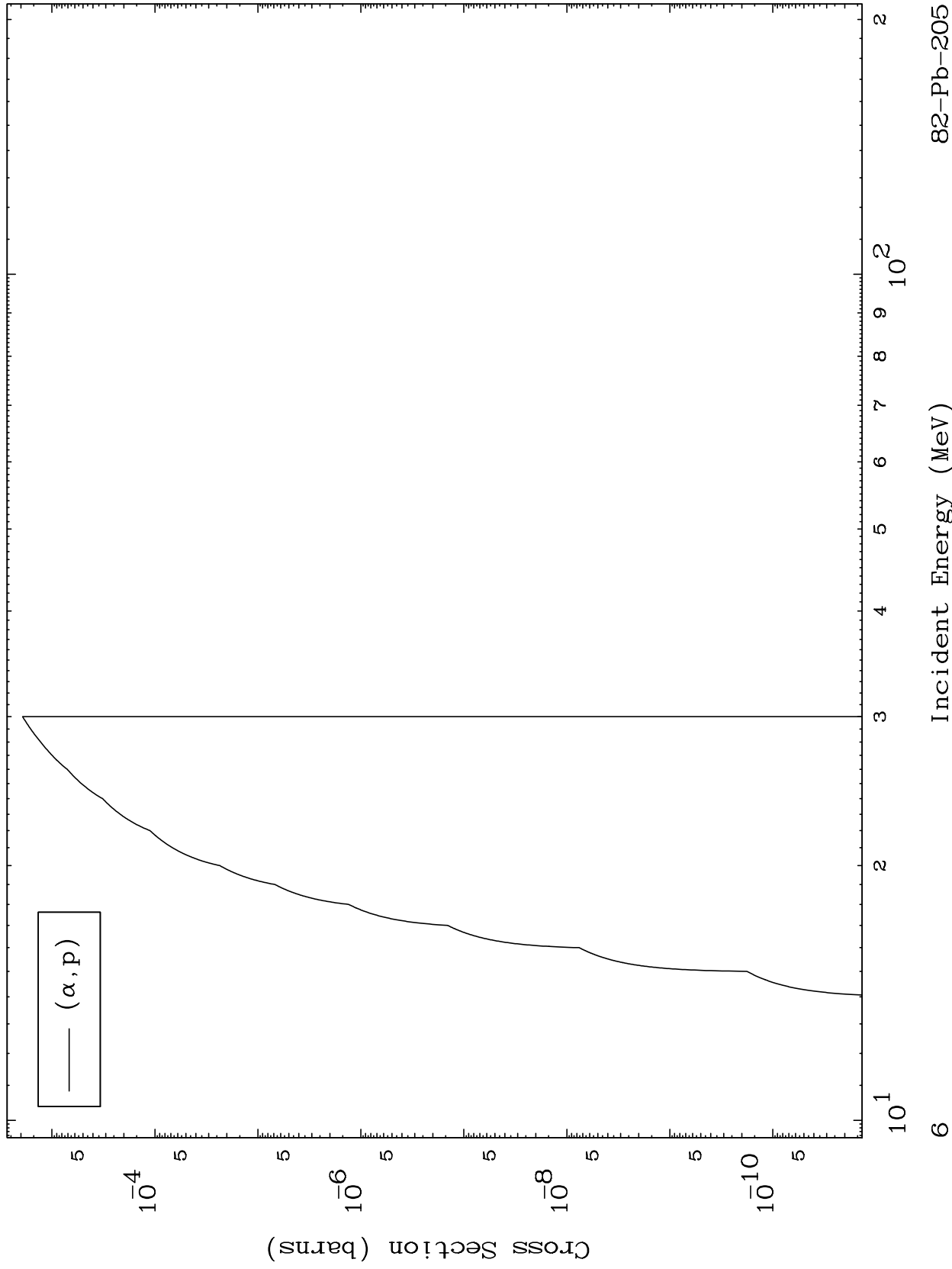
82-Pb-205

MAT 8228

(α ,p) Levels

82-Pb-205

0 Kelvin Cross Sections



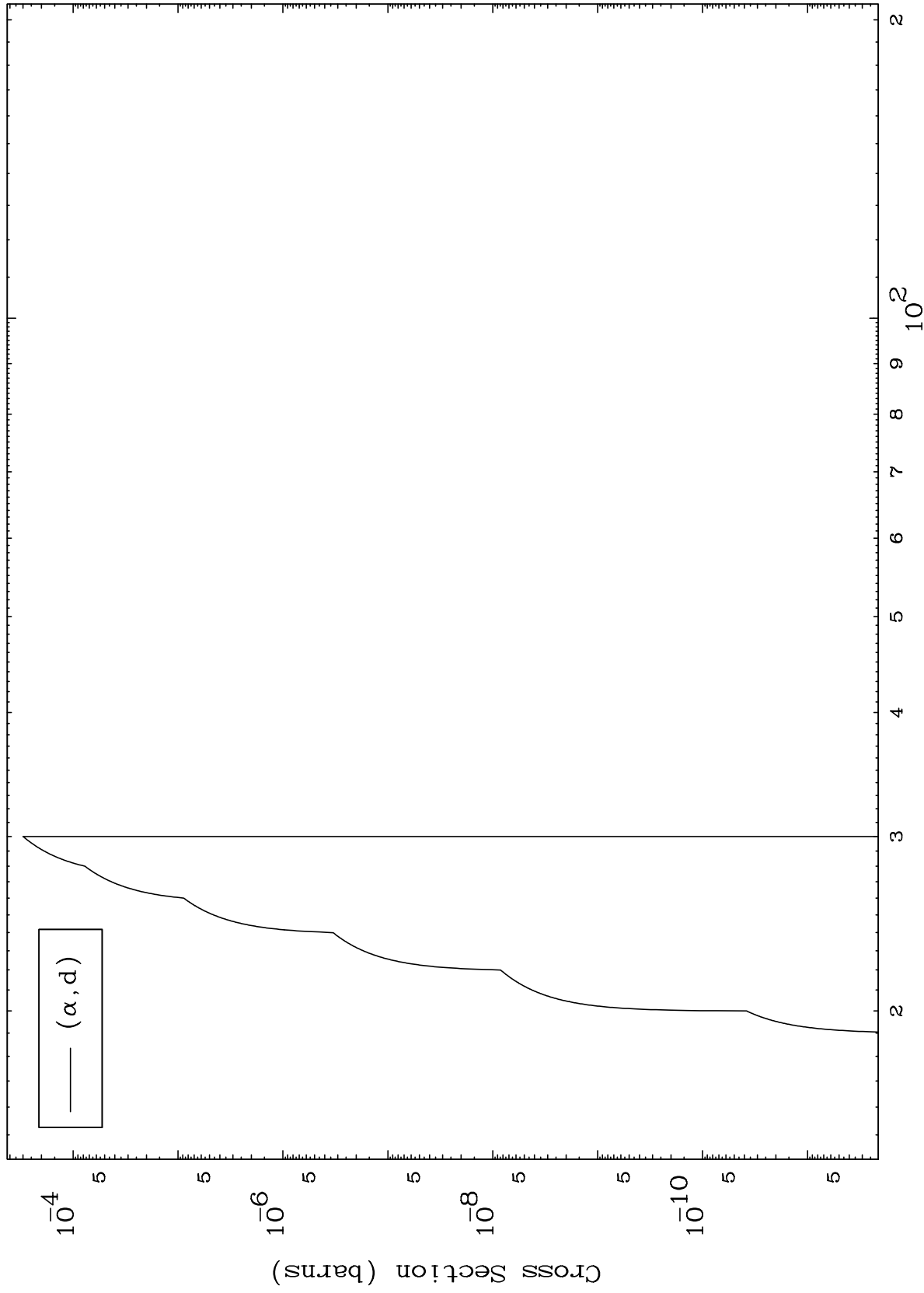
Incident Energy (MeV)

82-Pb-205

MAT 8228

(α ,d) Levels
0 Kelvin Cross Sections

82-Pb-205



7

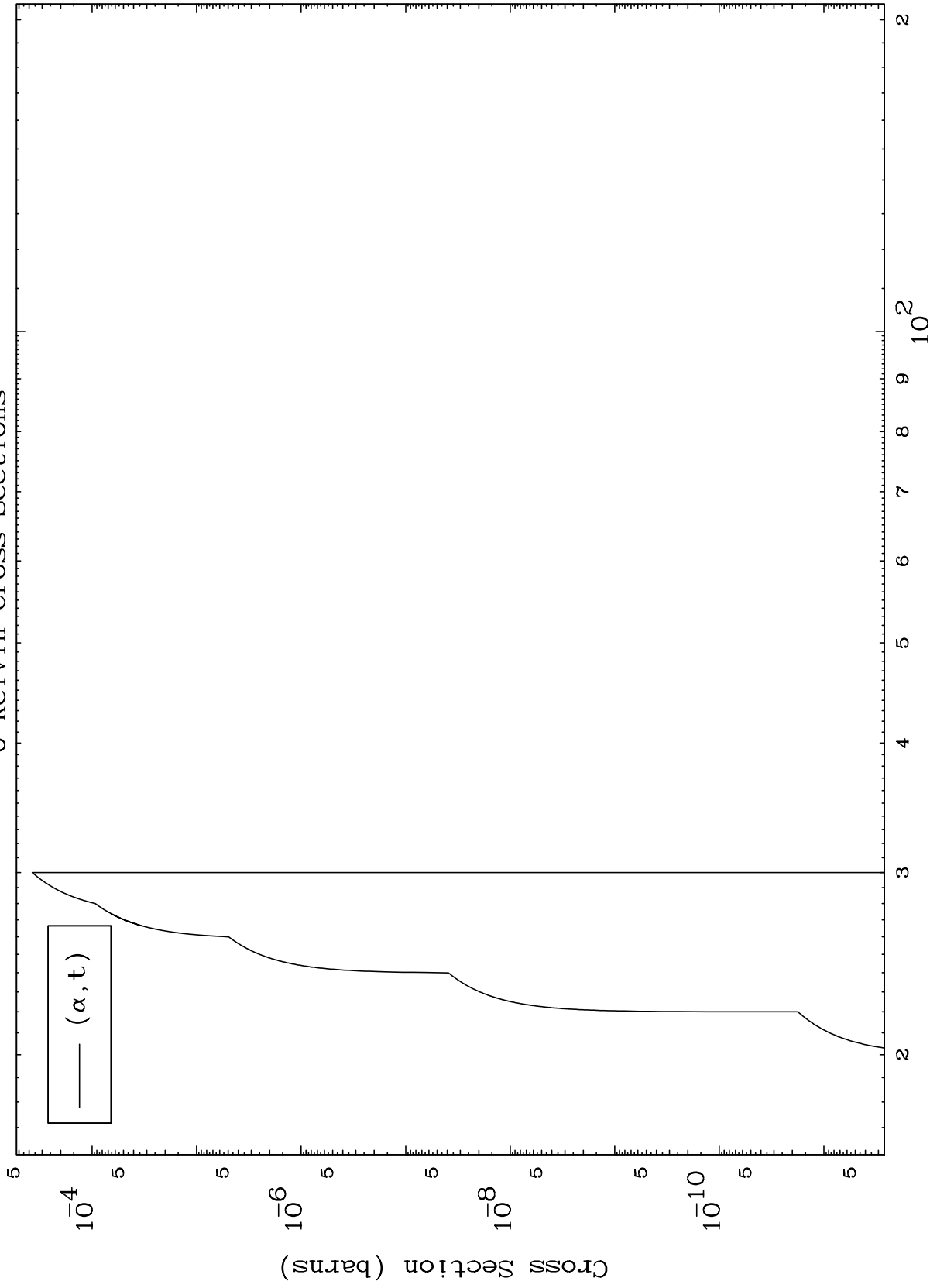
Incident Energy (MeV)

82-Pb-205

MAT 8228

(α ,t) Levels
0 Kelvin Cross Sections

82-Pb-205

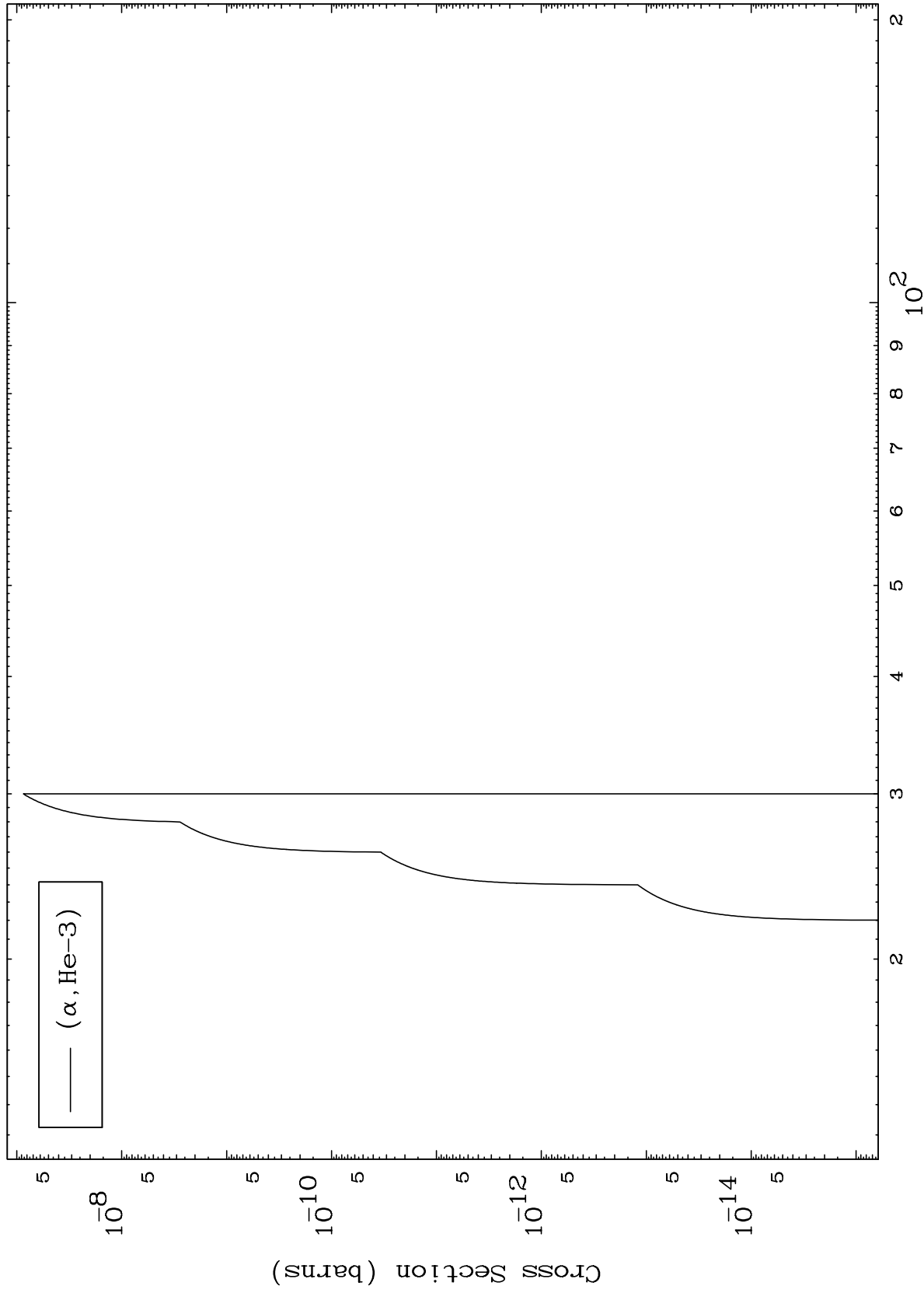


8

Incident Energy (MeV)

82-Pb-205

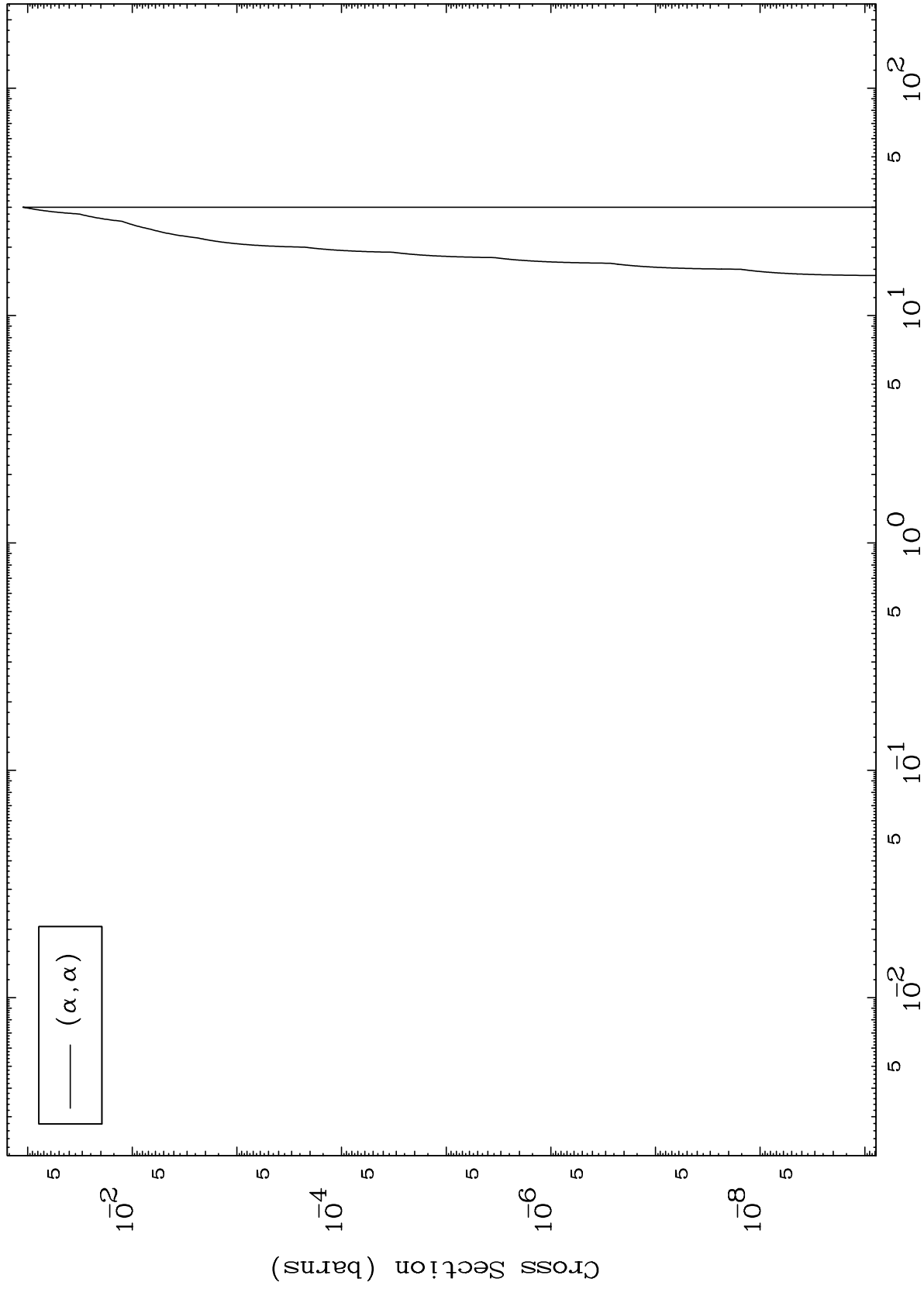
(α ,He3) Levels
0 Kelvin Cross Sections



MAT 8228

(α, α) Levels
0 Kelvin Cross Sections

82-Pb-205

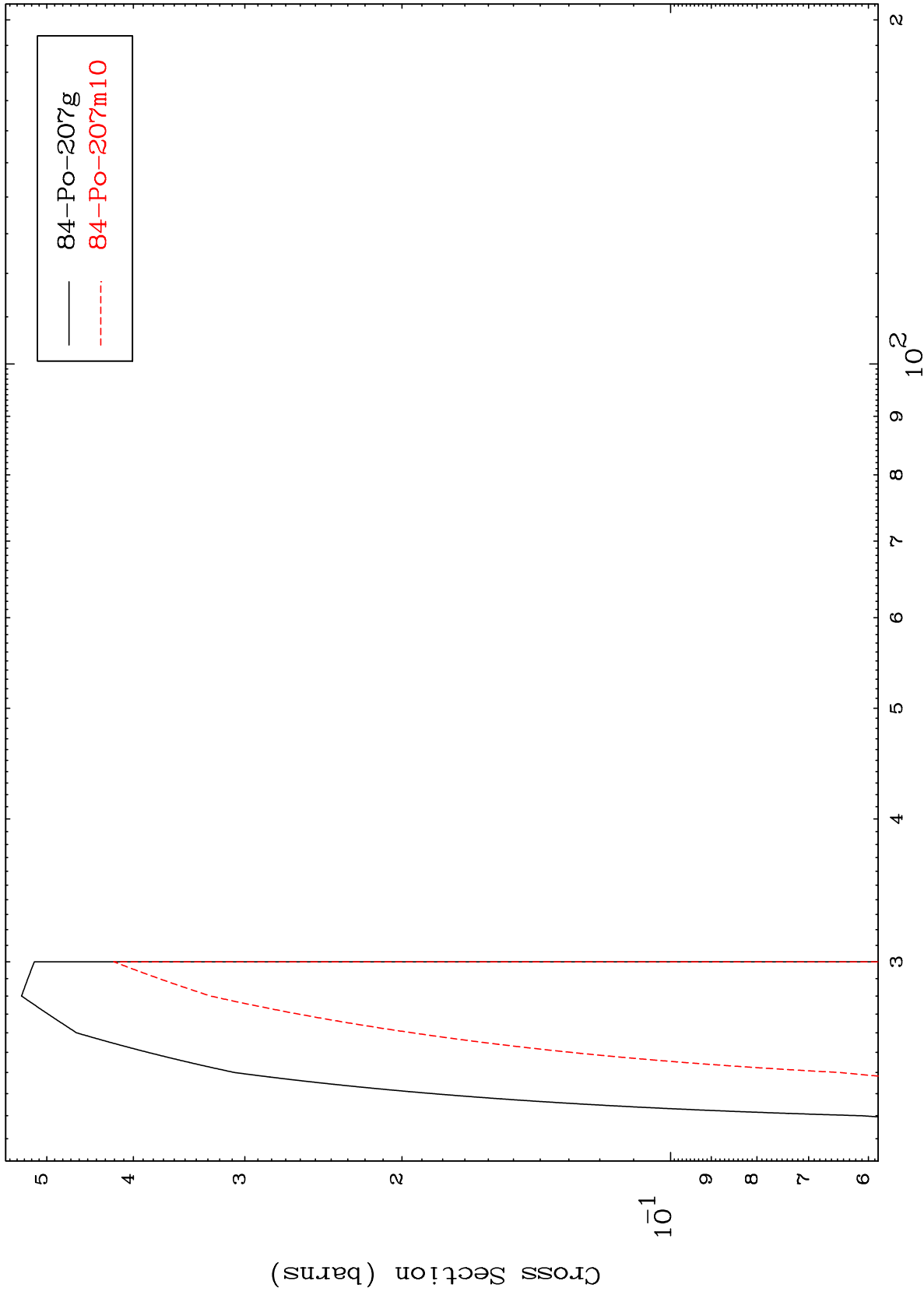


10

Incident Energy (MeV)

82-Pb-205

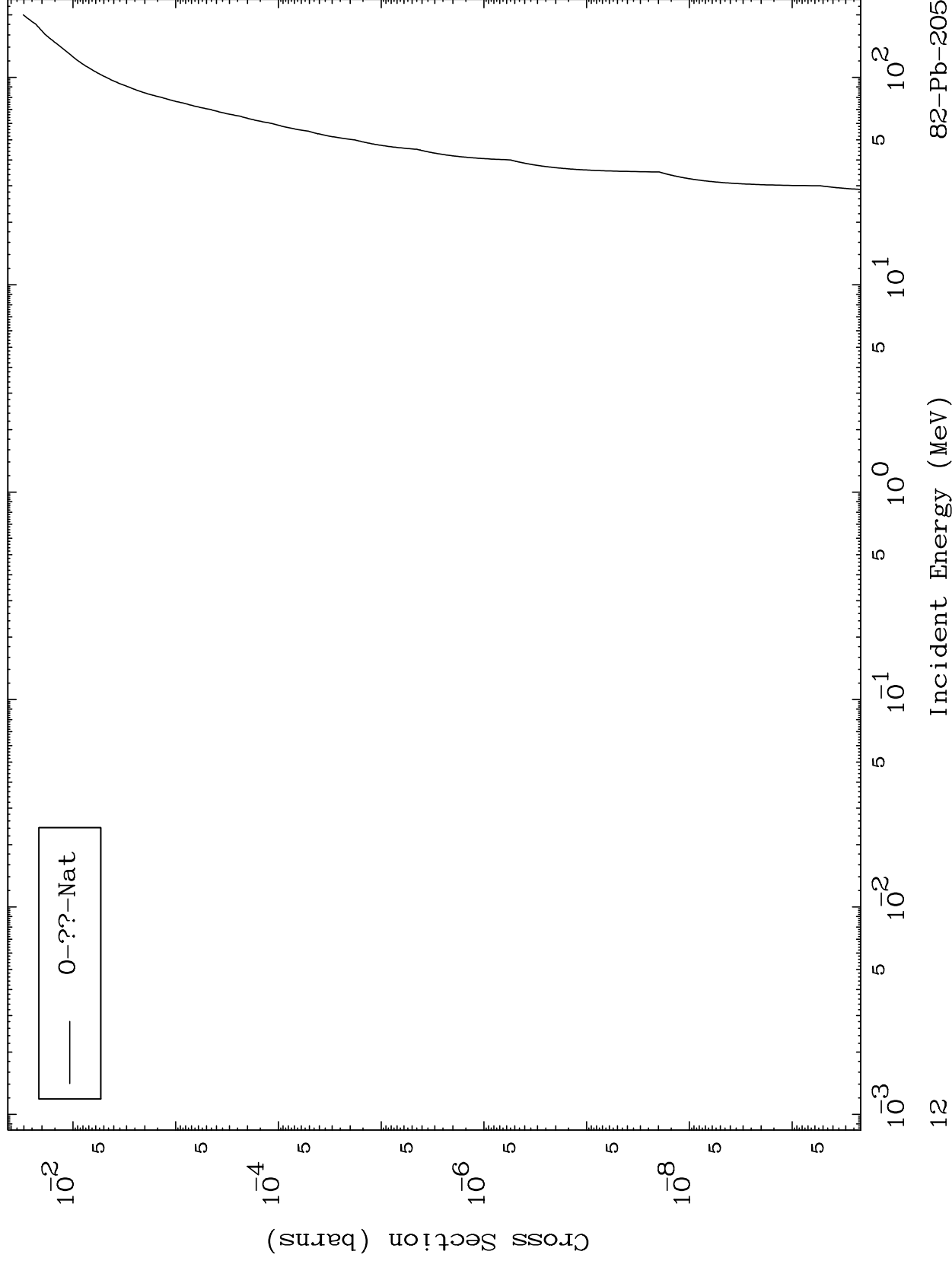
$(\alpha, 2n)$
Radionuclide Production Cross Section



MAT 8228

α Fission
Radionuclide Production Cross Section

82-Pb-205

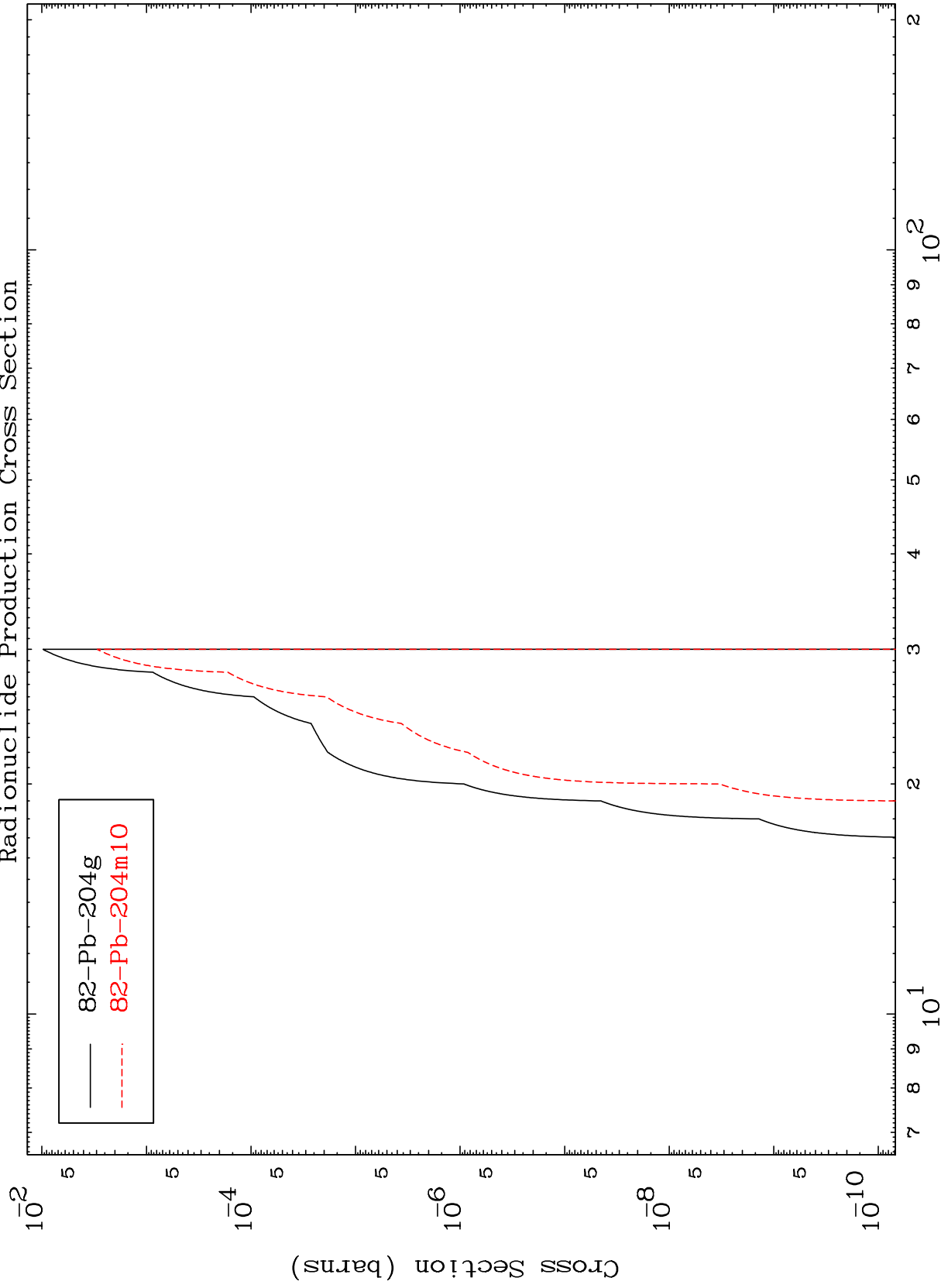


MAT 8228

(α, n') α

82-Pb-205

Radionuclide Production Cross Section



13

Incident Energy (MeV)

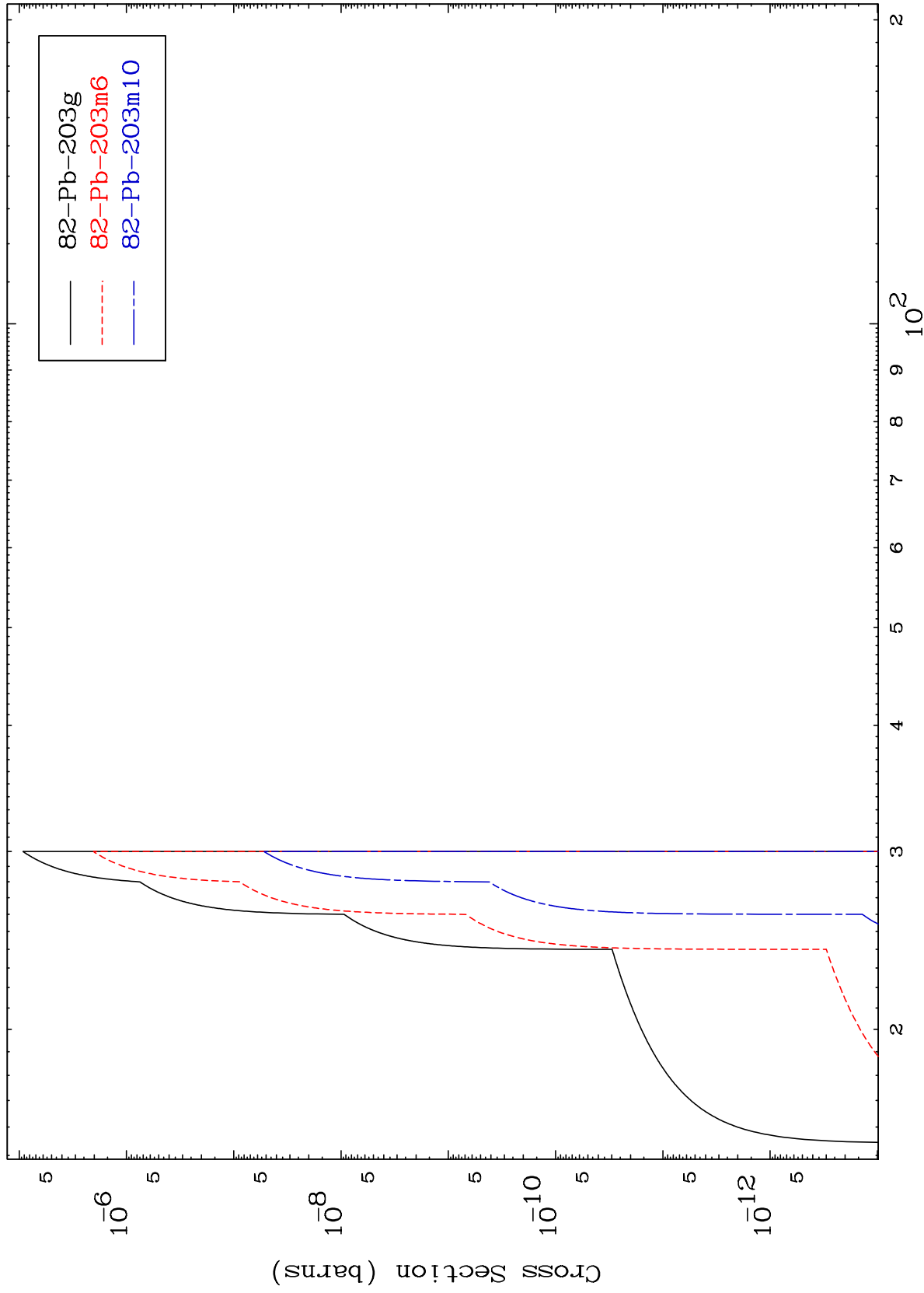
82-Pb-205

MAT 8228

$(\alpha, 2n) \alpha$

82-Pb-205

Radionuclide Production Cross Section



14

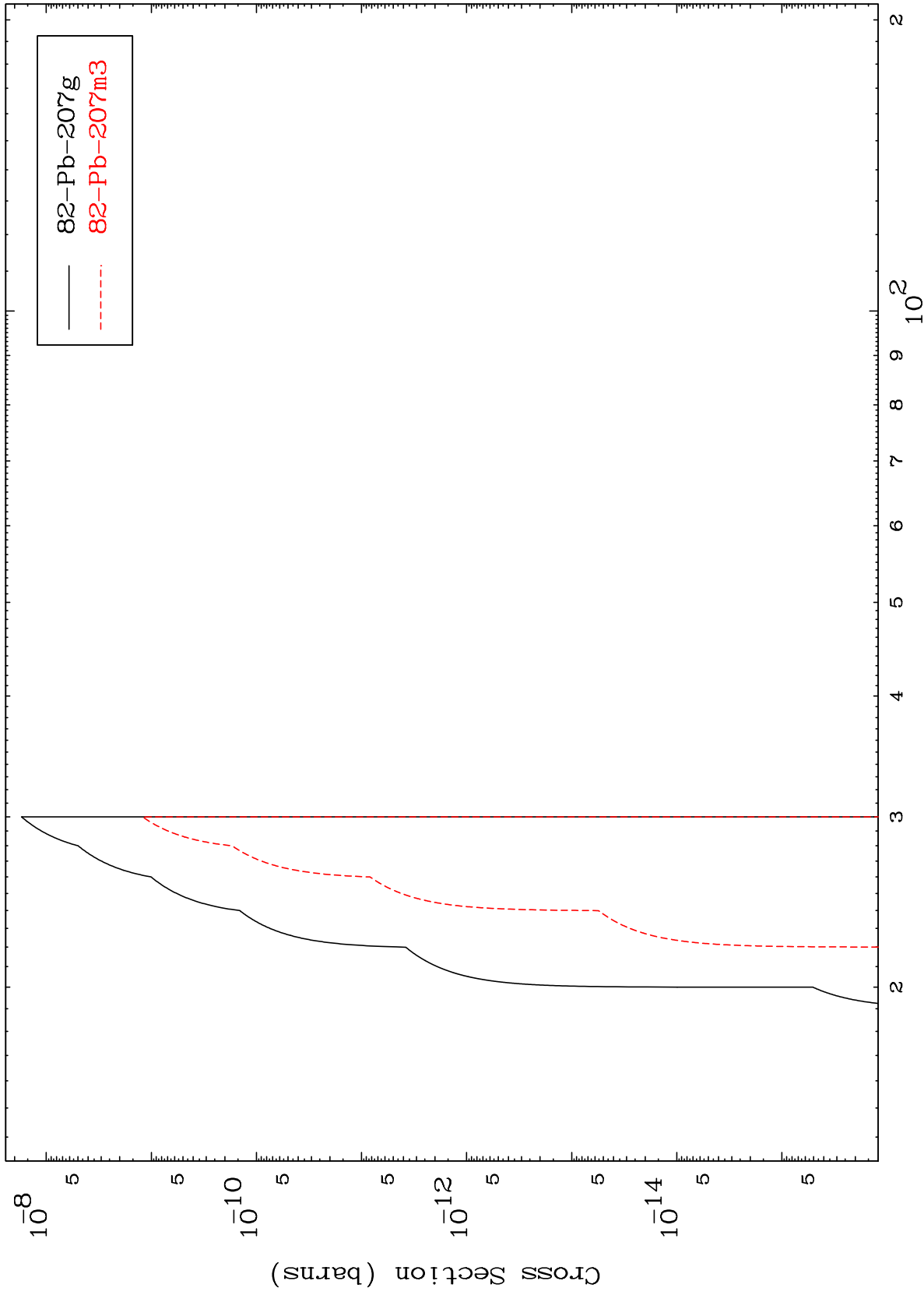
Incident Energy (MeV)

82-Pb-205

MAT 8228

82-Pb-205

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



15

Incident Energy (MeV)

82-Pb-205