

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

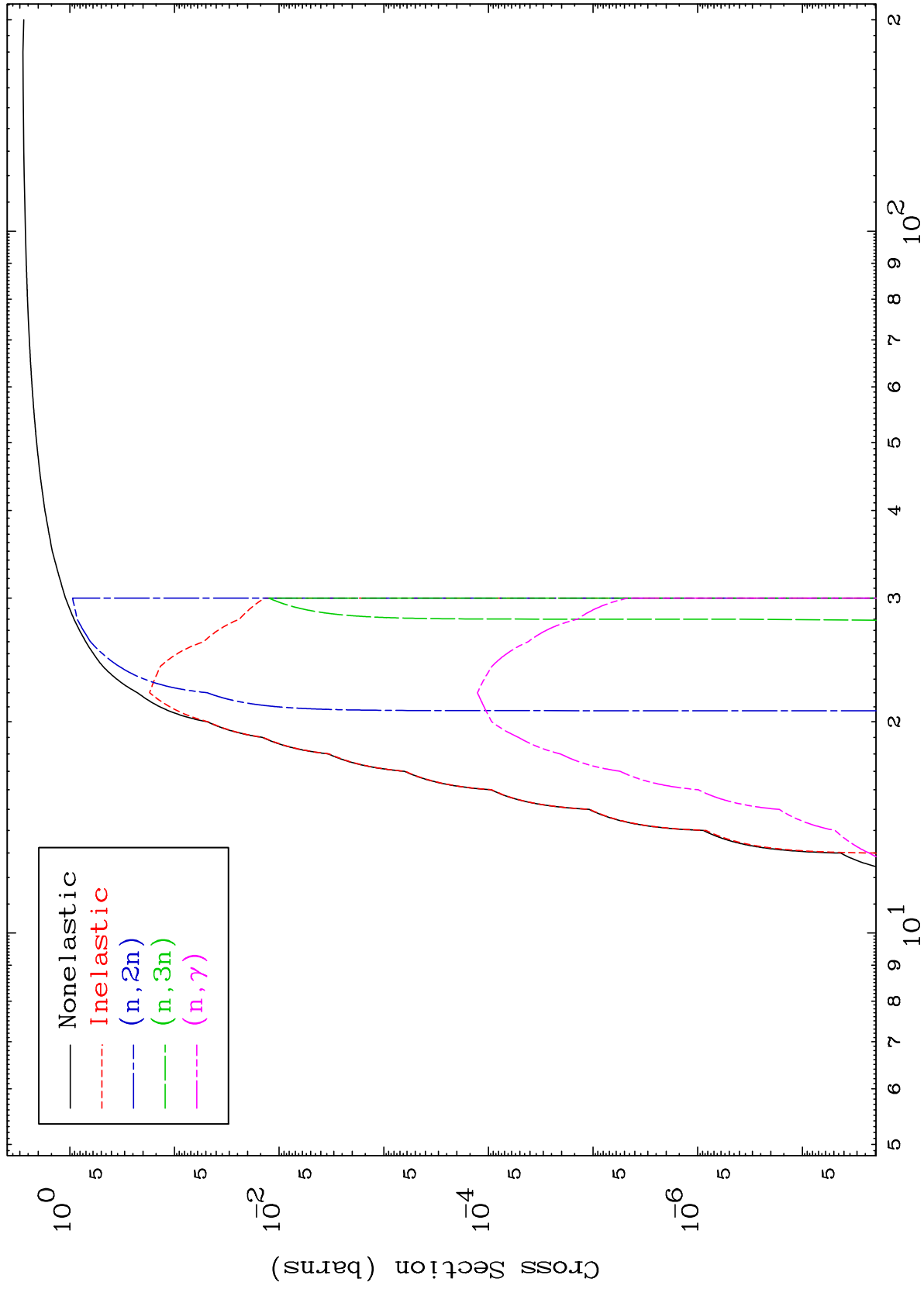
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8228

0 Kelvin α Major

82-Pb-205



1

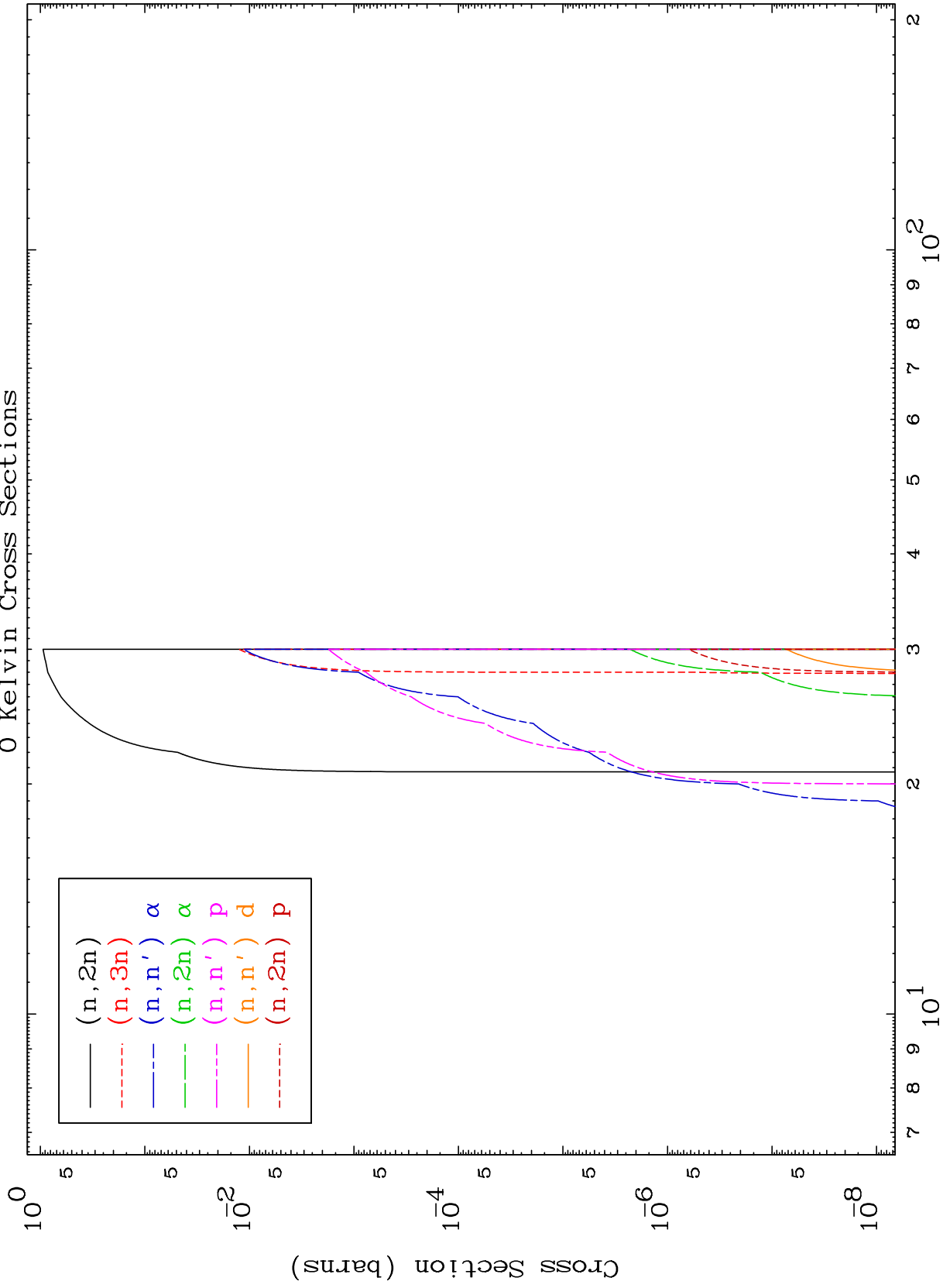
Incident Energy (MeV)

82-Pb-205

MAT 8228

α Neutron Absorption
0 Kelvin Cross Sections

82-Pb-205



2

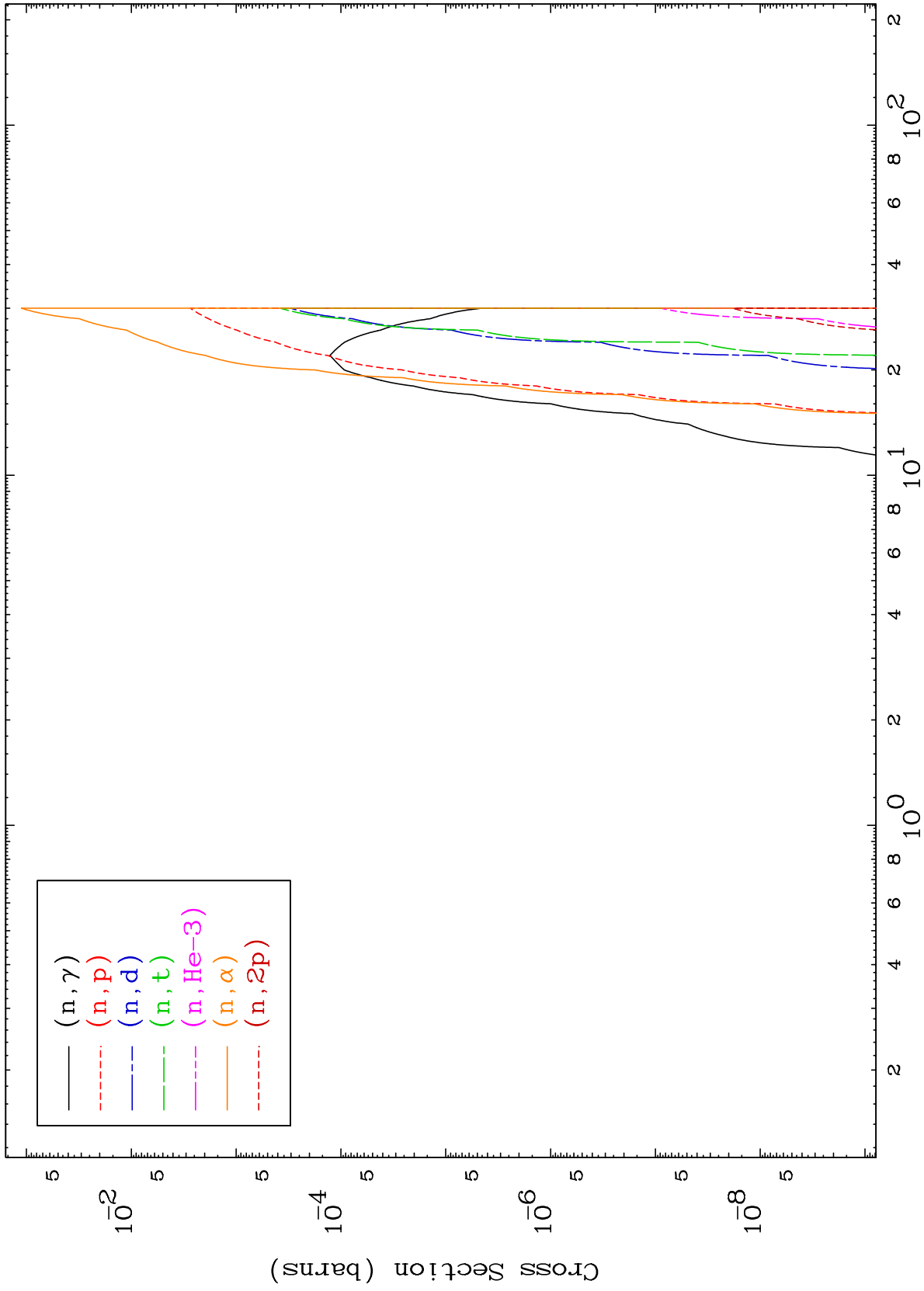
Incident Energy (MeV)

82-Pb-205

MAT 8228

α Neutron Absorption
0 Kelvin Cross Sections

82-Pb-205



3

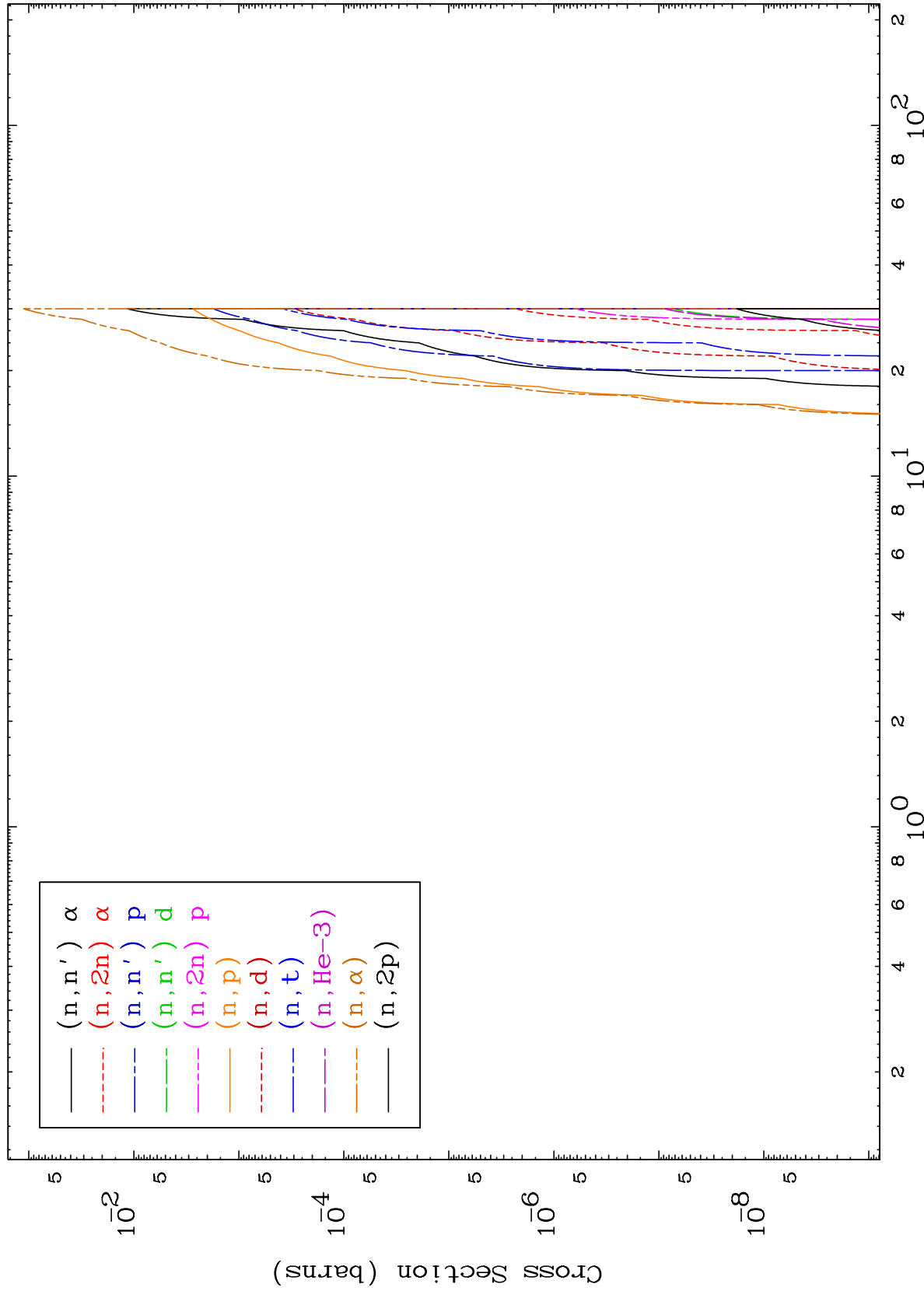
Incident Energy (MeV)

82-Pb-205

MAT 8228

α Charged Particle
0 Kelvin Cross Sections

82-Pb-205

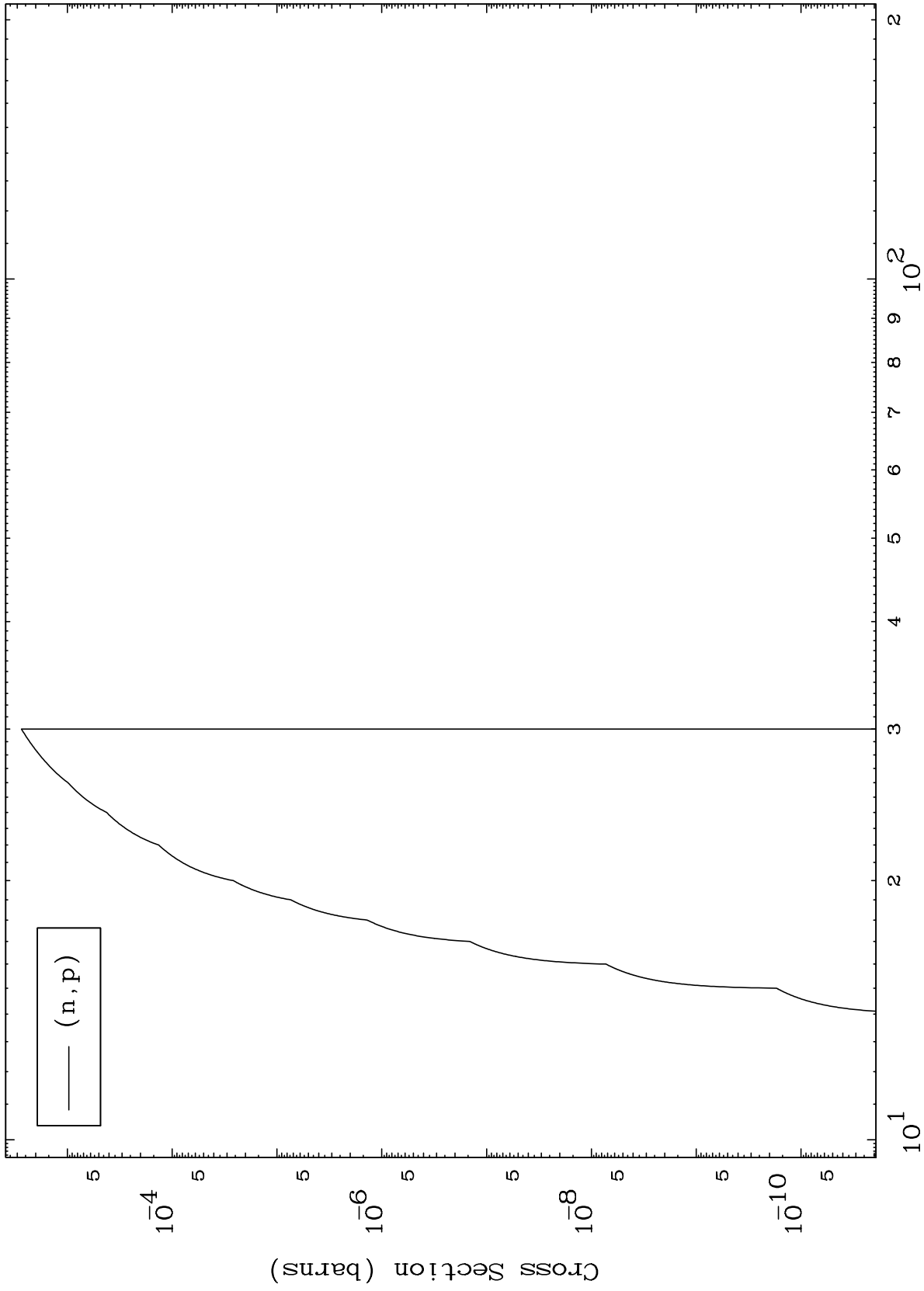


82-Pb-205

MAT 8228

(α, p) Levels
0 Kelvin Cross Sections

82-Pb-205

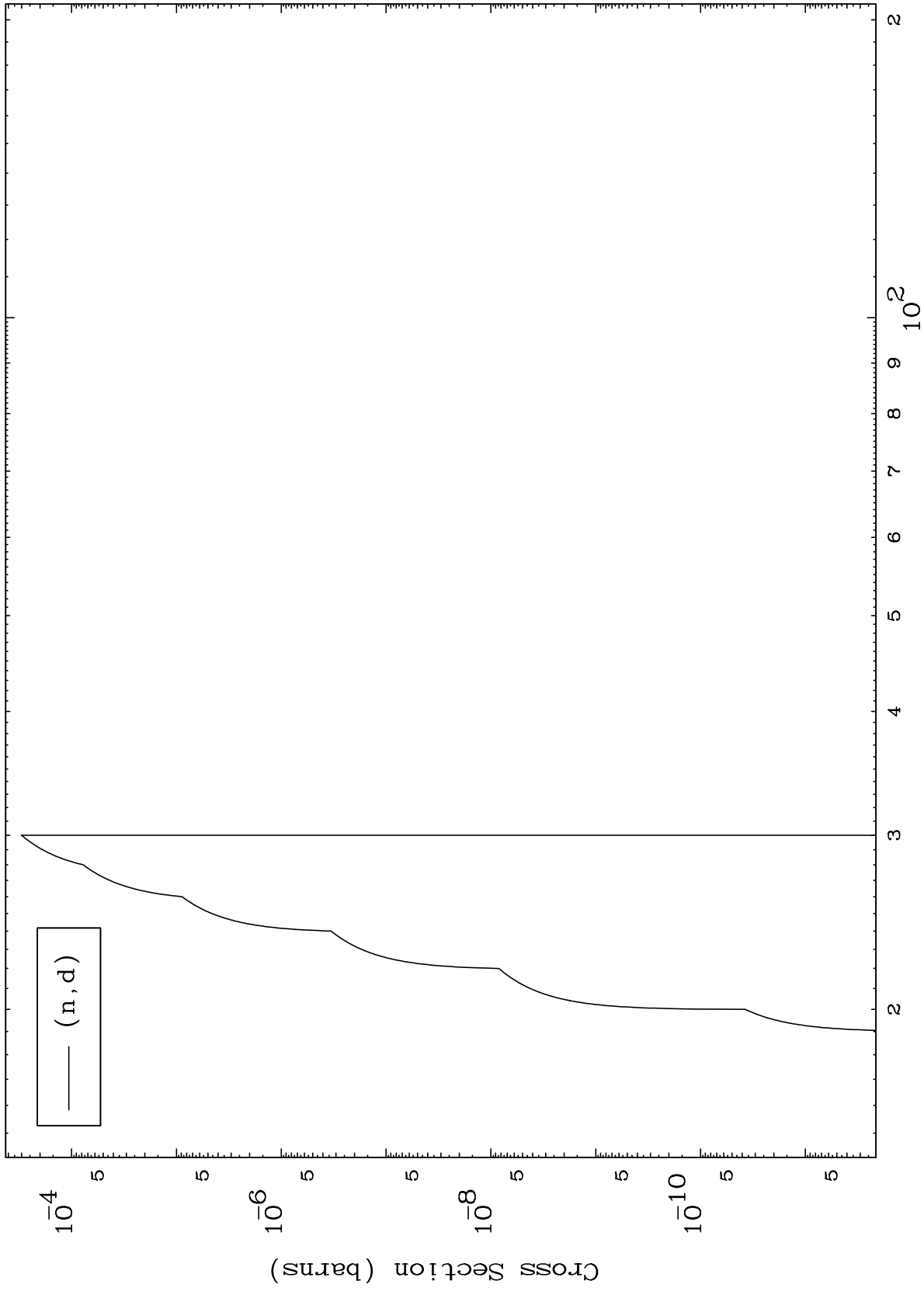


82-Pb-205

MAT 8228

(α, d) Levels
0 Kelvin Cross Sections

82-Pb-205



6

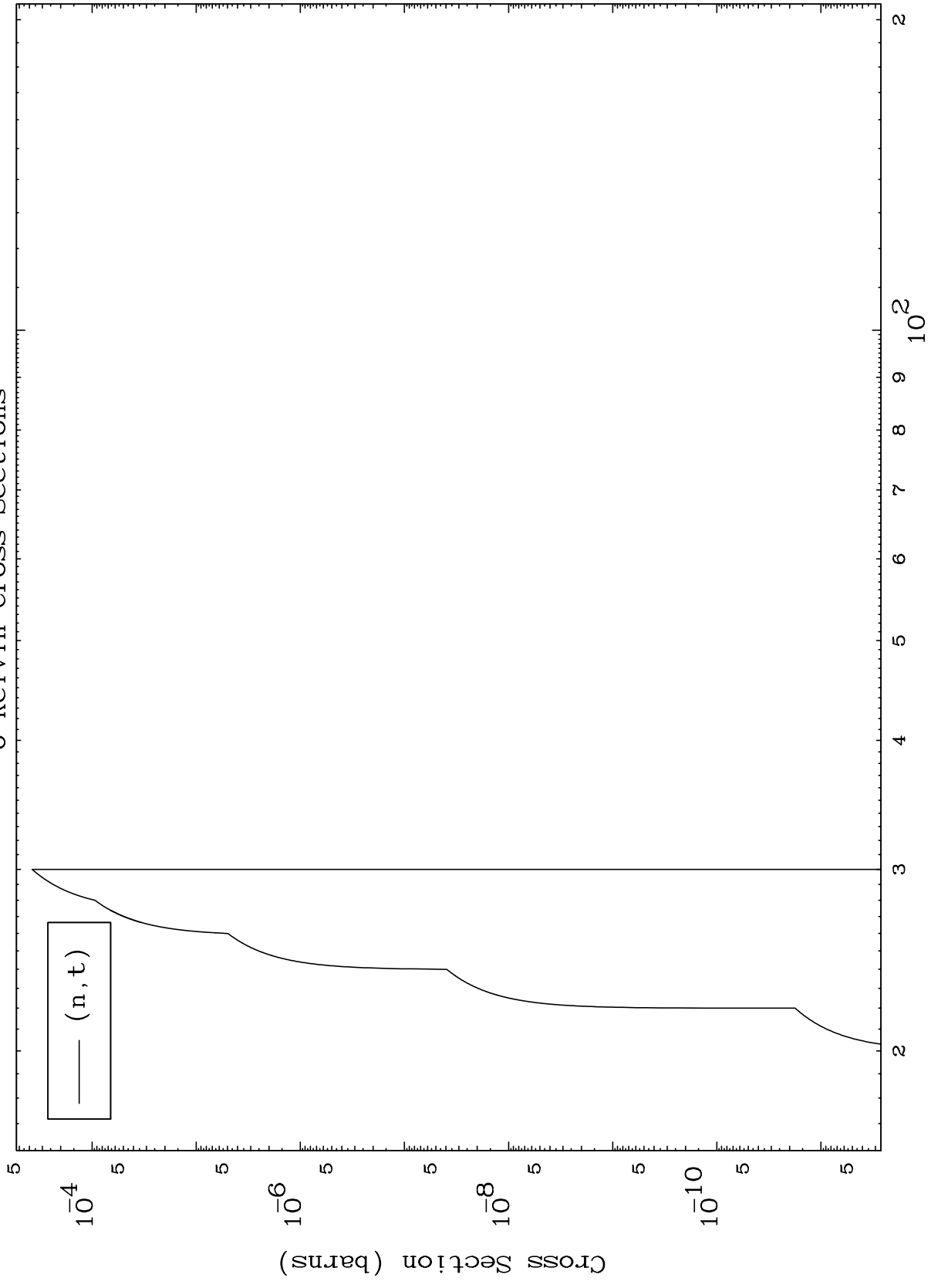
Incident Energy (MeV)

82-Pb-205

MAT 8228

(α, t) Levels
0 Kelvin Cross Sections

82-Pb-205



7

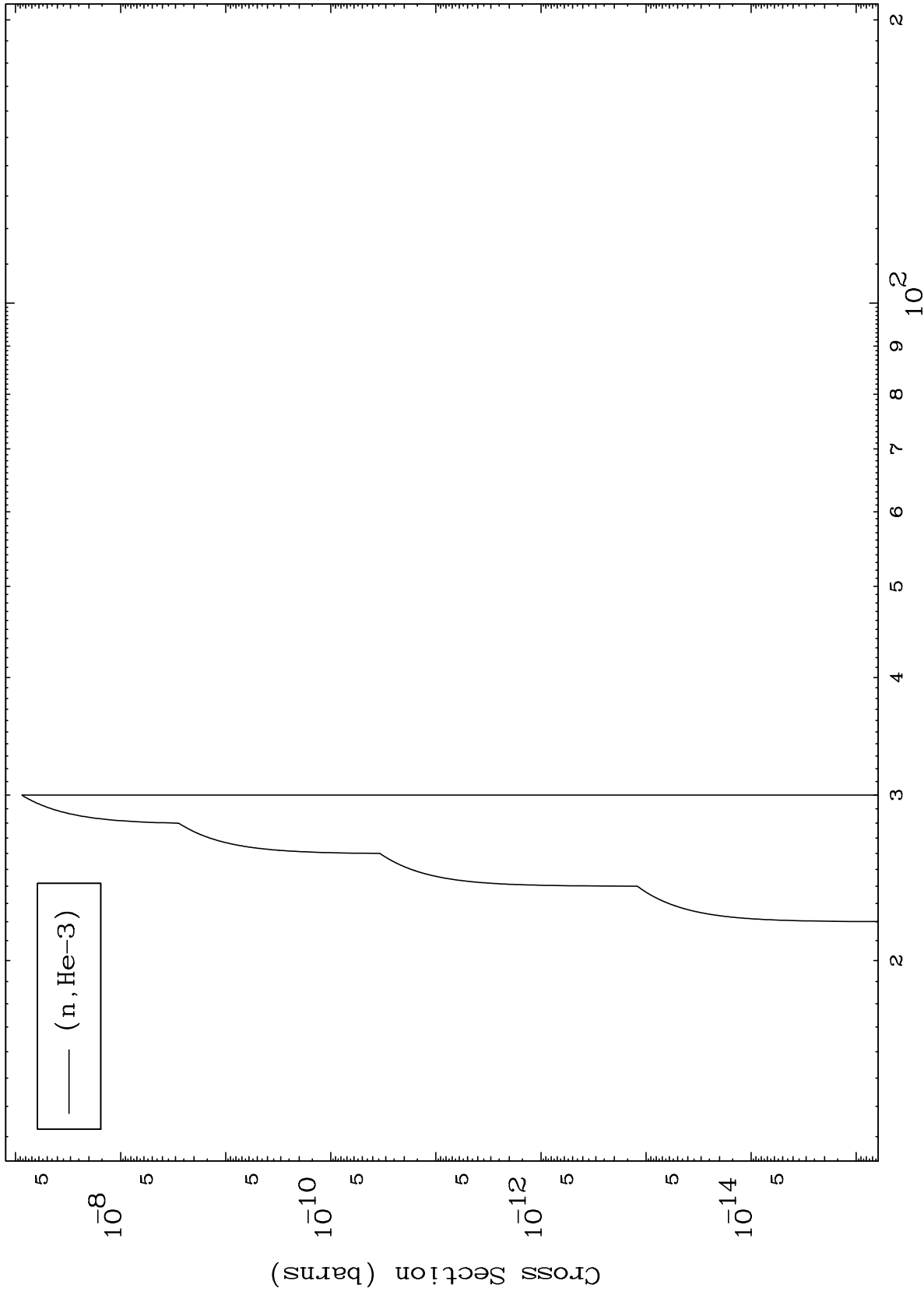
Incident Energy (MeV)

82-Pb-205

MAT 8228

($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections

82-Pb-205



8

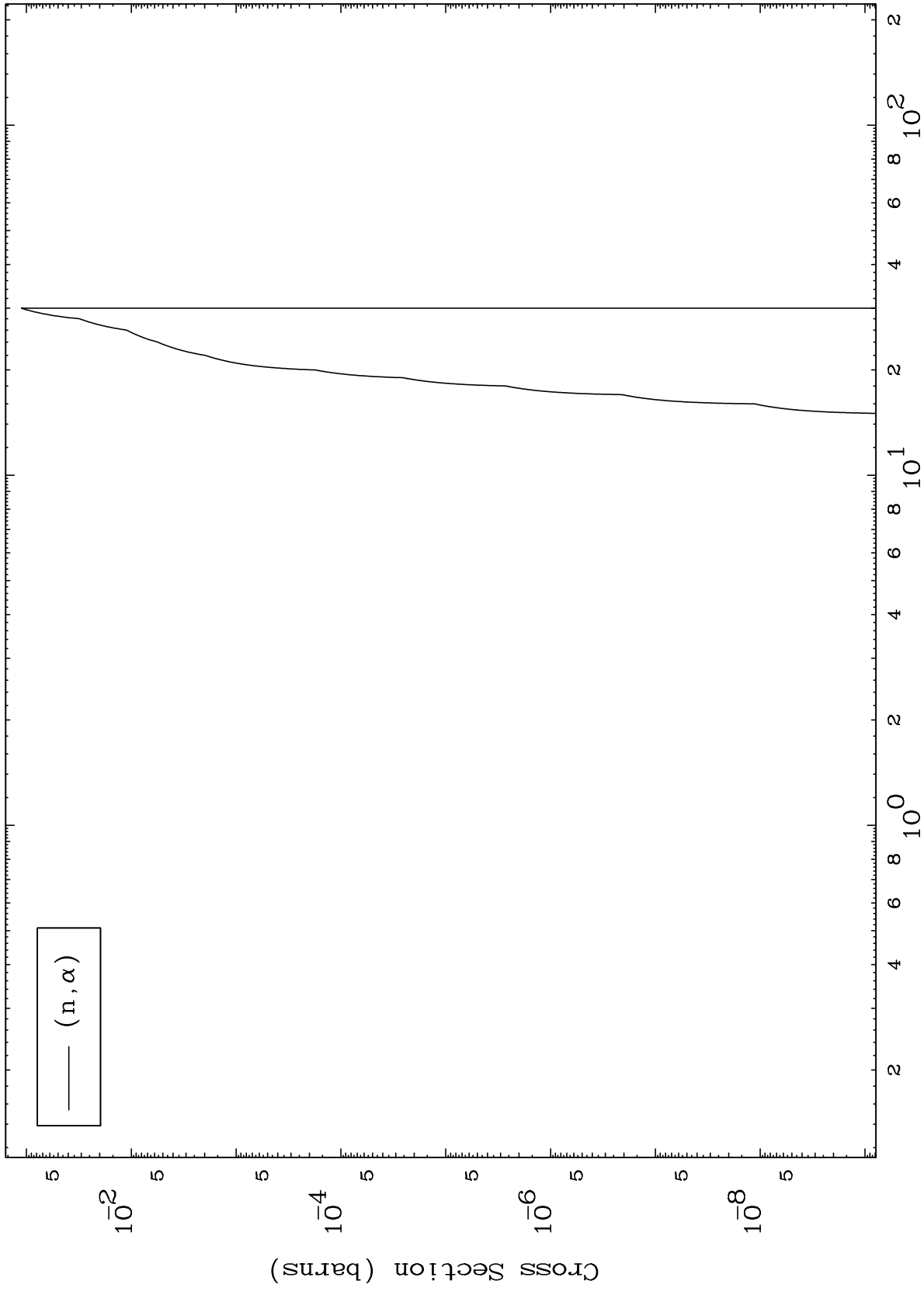
Incident Energy (MeV)

82-Pb-205

MAT 8228

(α, α) Levels
0 Kelvin Cross Sections

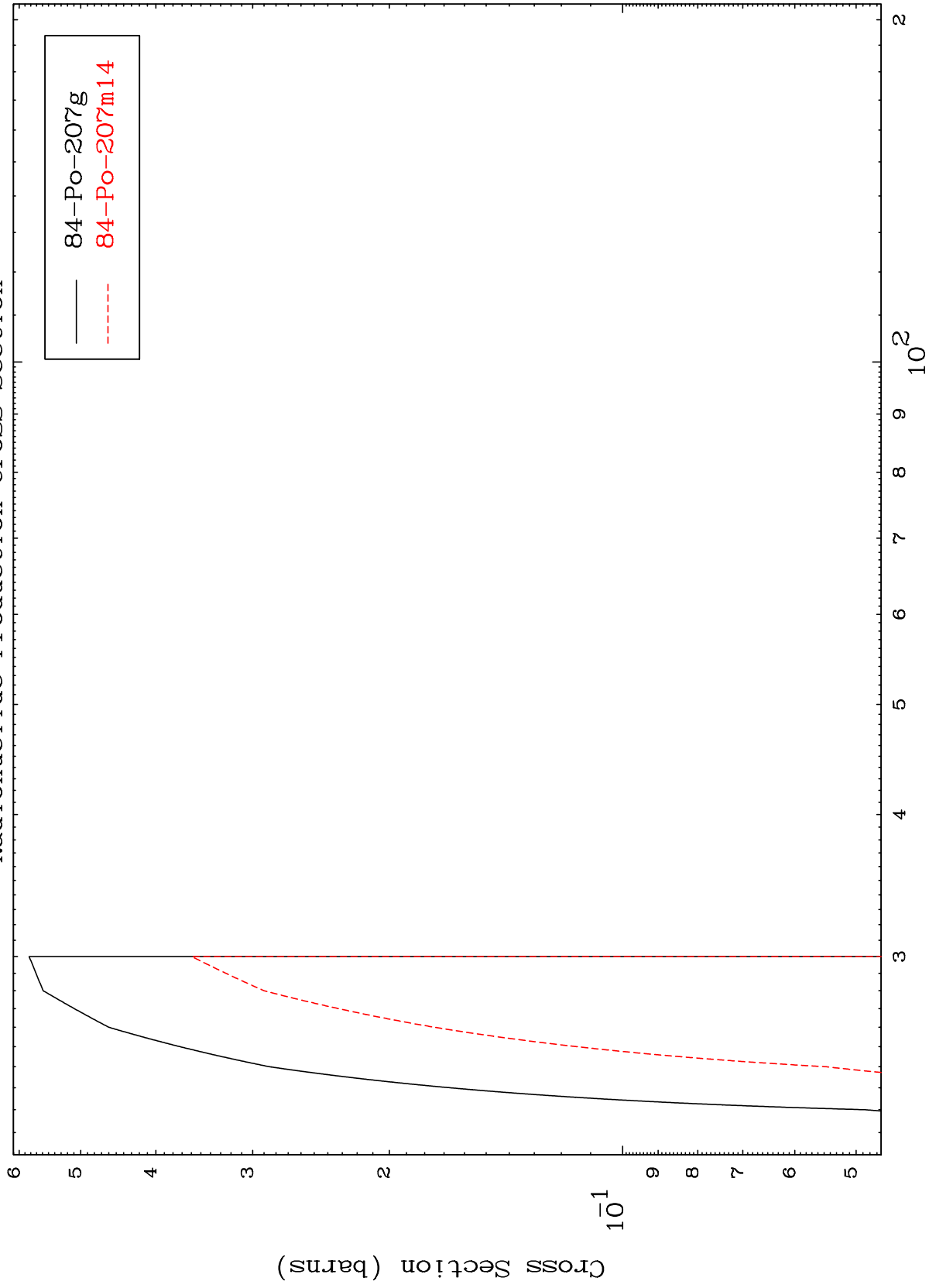
82-Pb-205



MAT 8228

82-Pb-205

(n,2n)
Radionuclide Production Cross Section



10

Incident Energy (MeV)

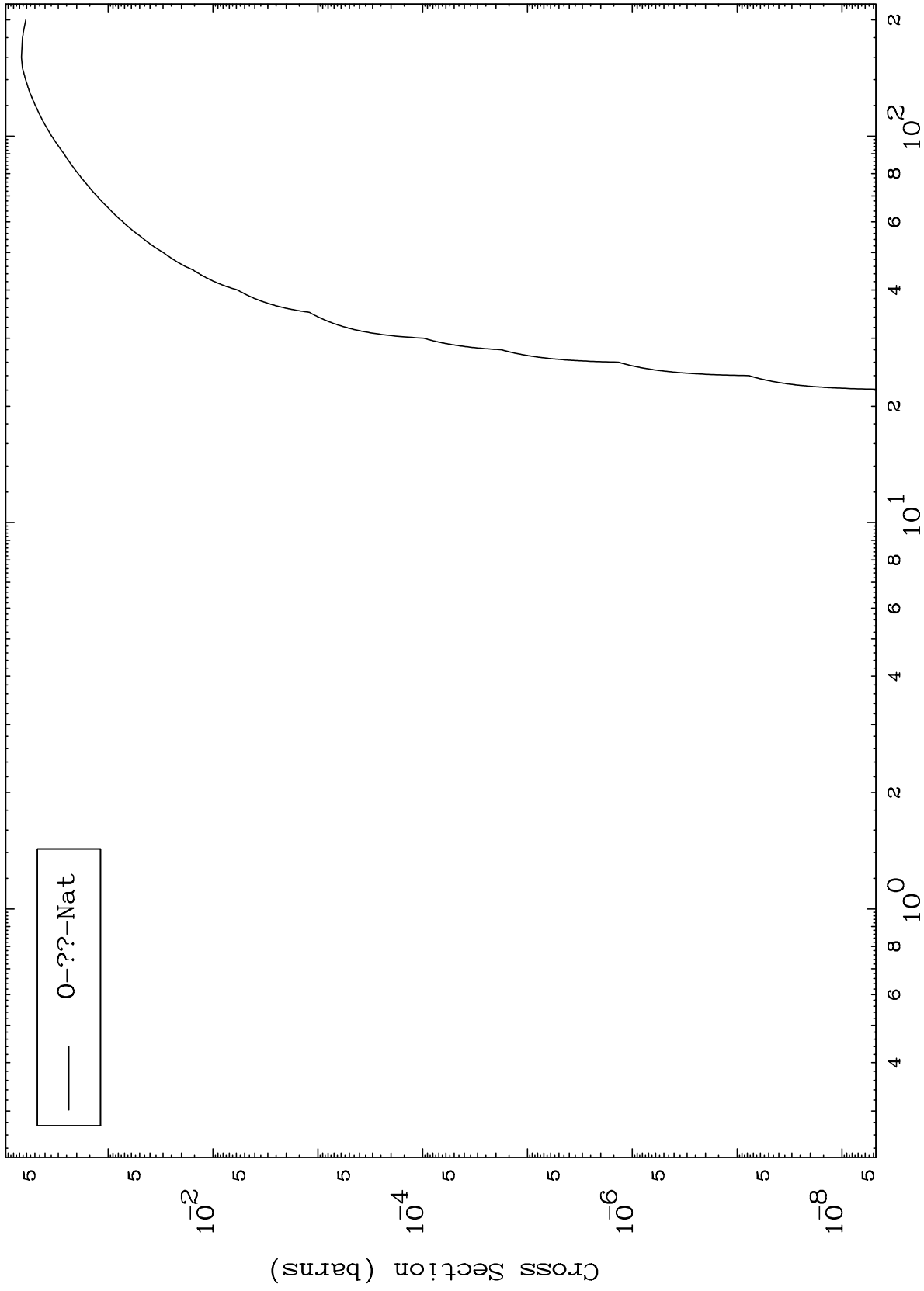
82-Pb-205

MAT 8228

Fission

82-Pb-205

Radionuclide Production Cross Section



11

Incident Energy (MeV)

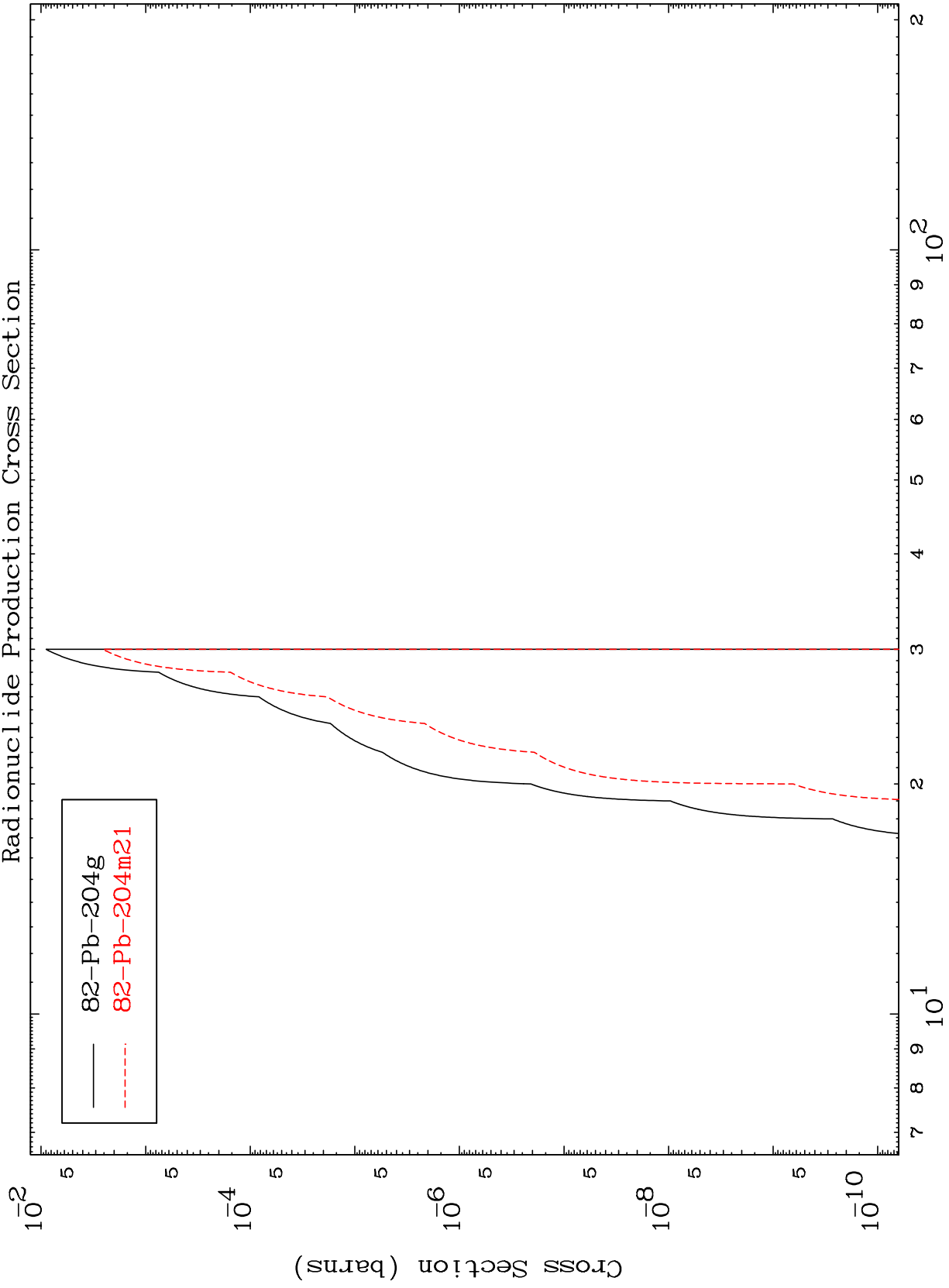
82-Pb-205

MAT 8228

(n,n') α

82-Pb-205

Radionuclide Production Cross Section



12

Incident Energy (MeV)

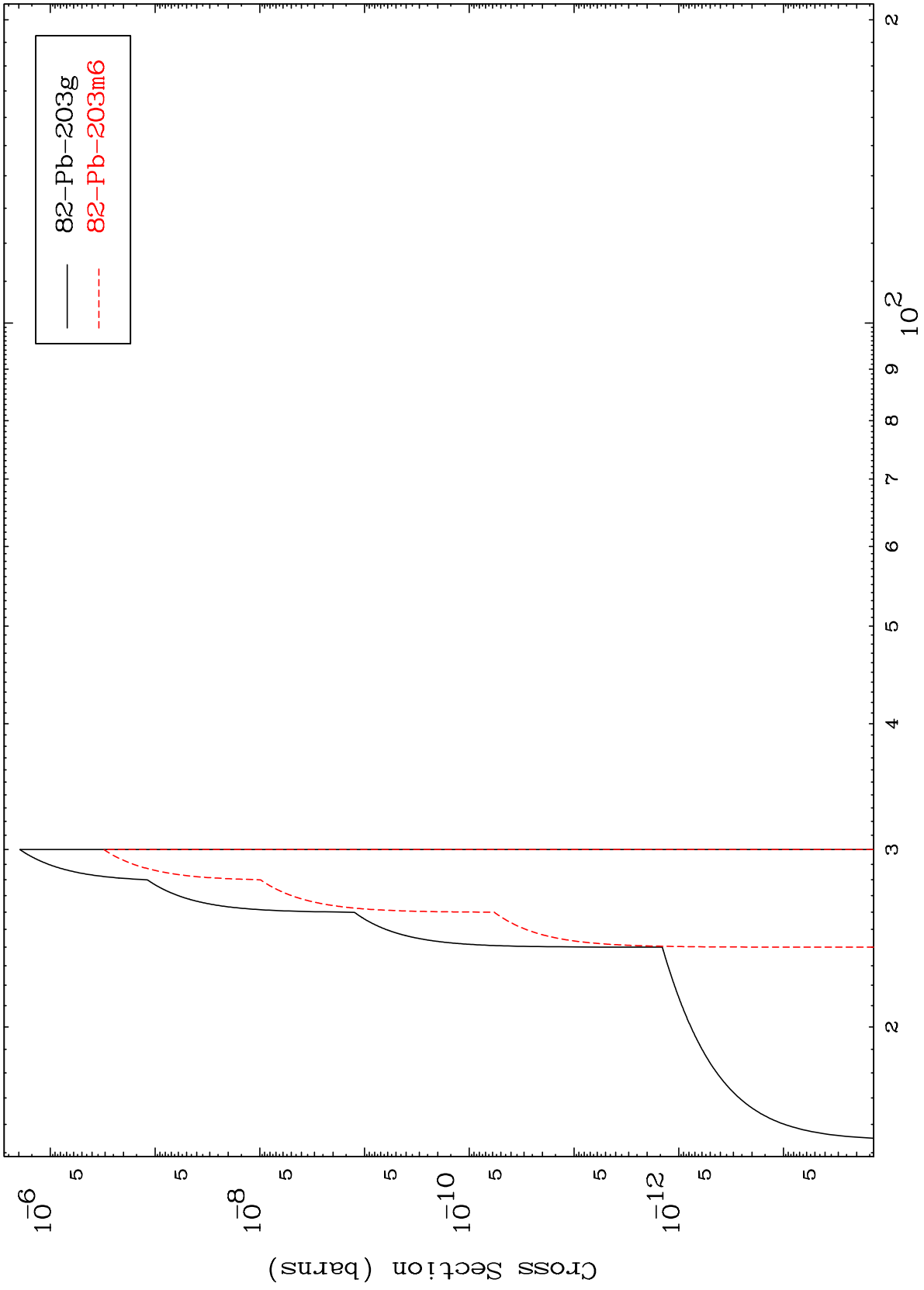
82-Pb-205

MAT 8228

$(n, 2n) \alpha$

82-Pb-205

Radionuclide Production Cross Section



13

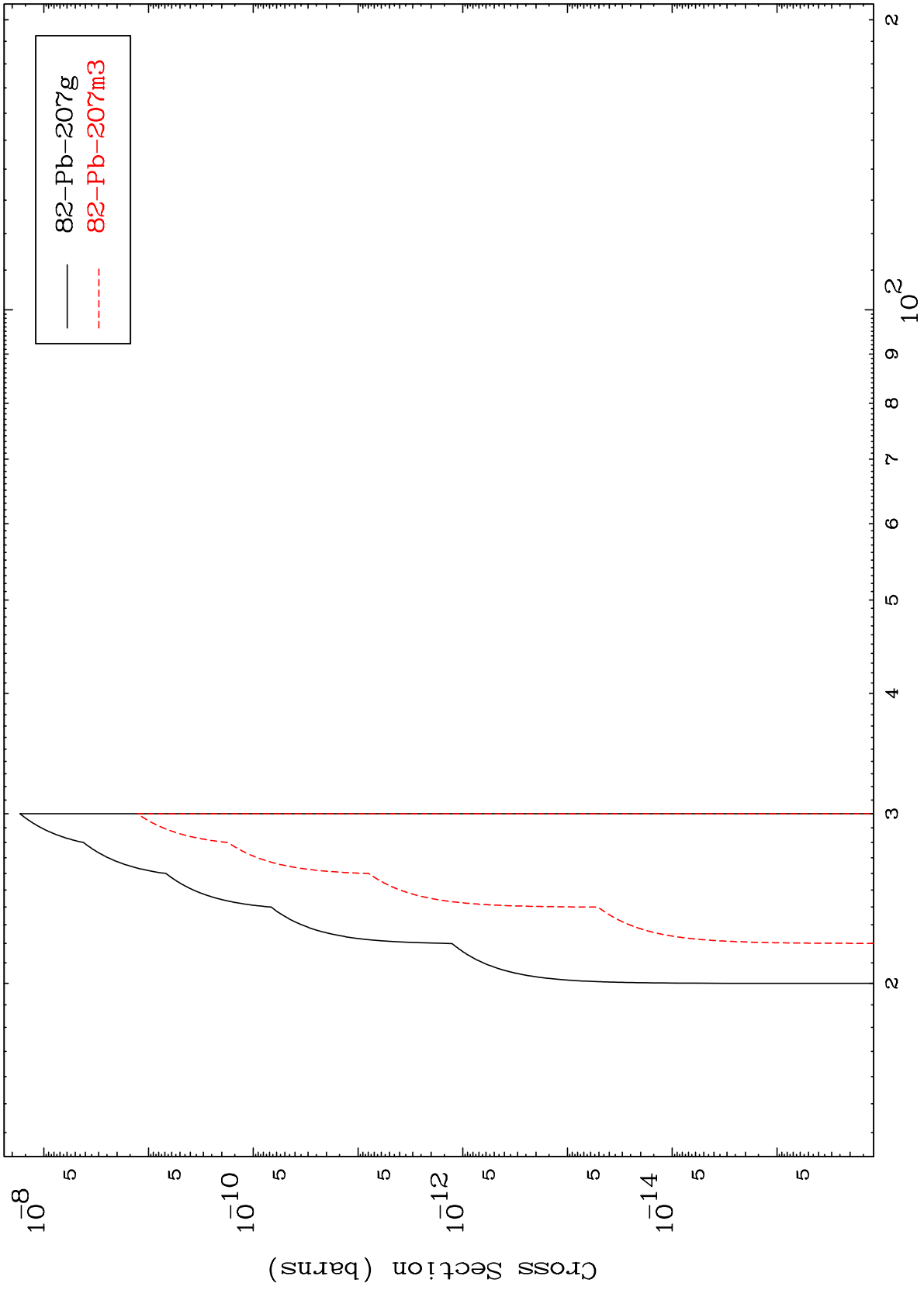
Incident Energy (MeV)

82-Pb-205

MAT 8228

82-Pb-205

(n,2p)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

82-Pb-205