

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

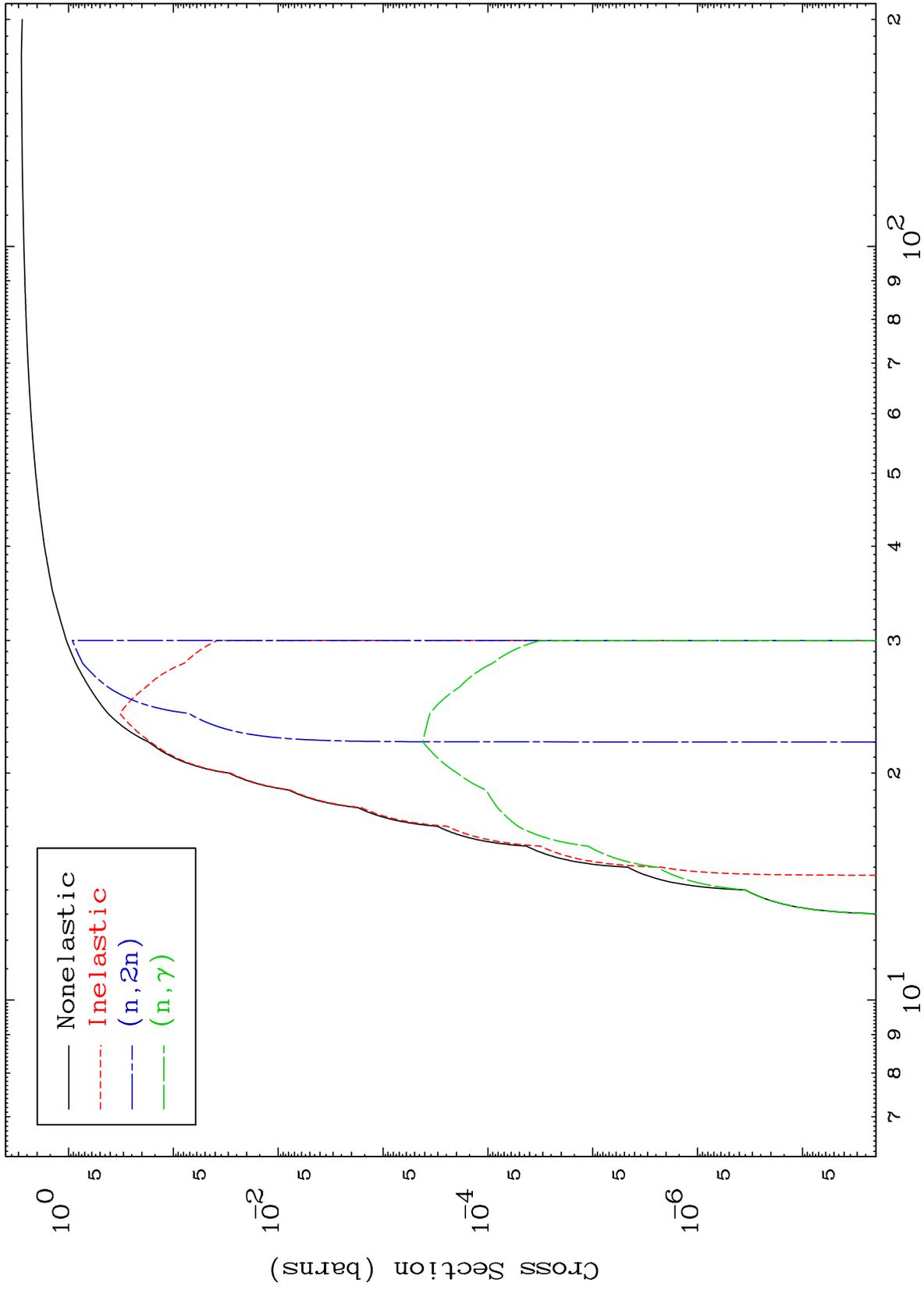
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8431

0 Kelvin α Major
Cross Sections

84-Po-208



1

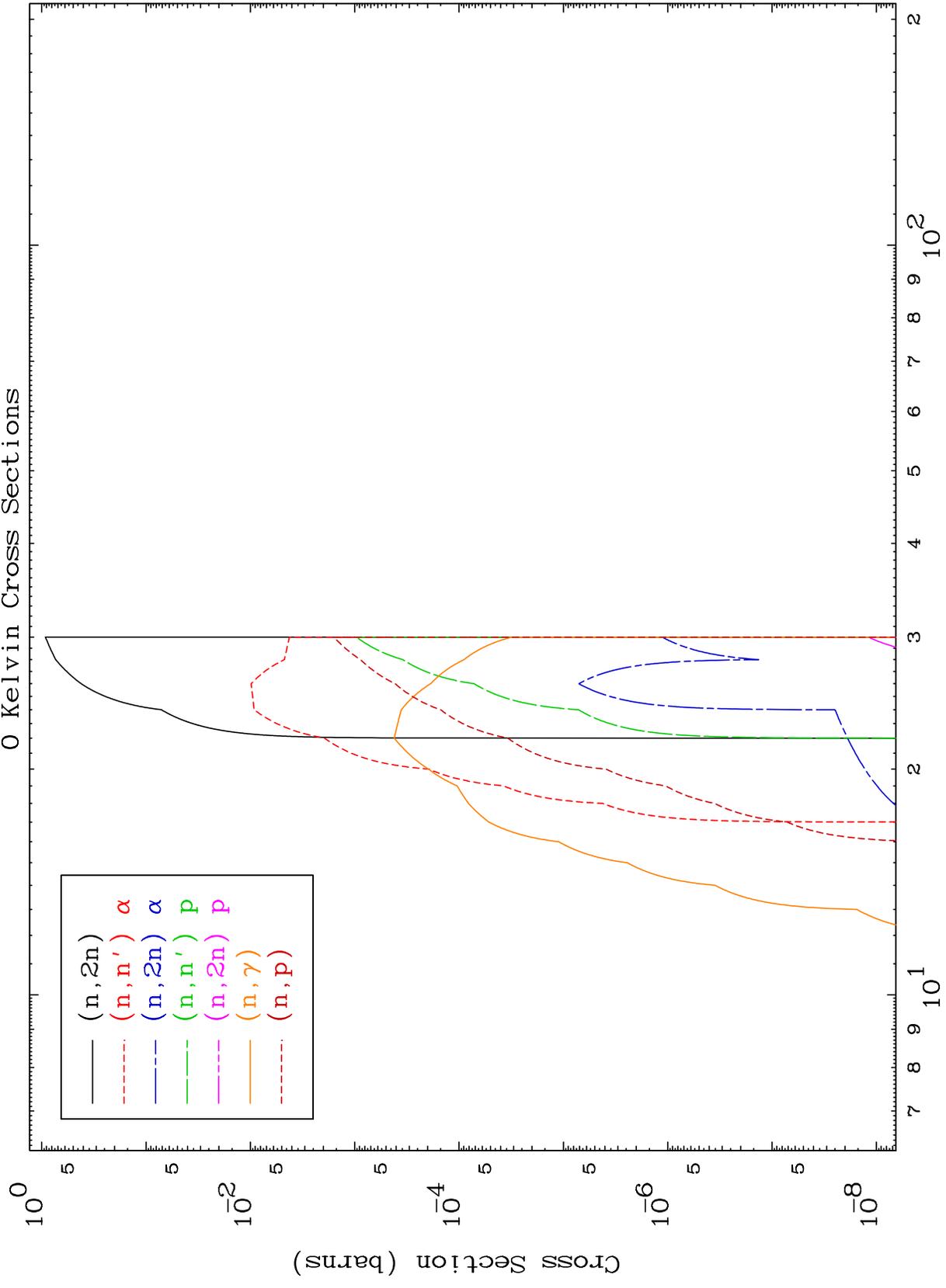
Incident Energy (MeV)

84-Po-208

MAT 8431

α Neutron Absorption
0 Kelvin Cross Sections

84-Po-208



2

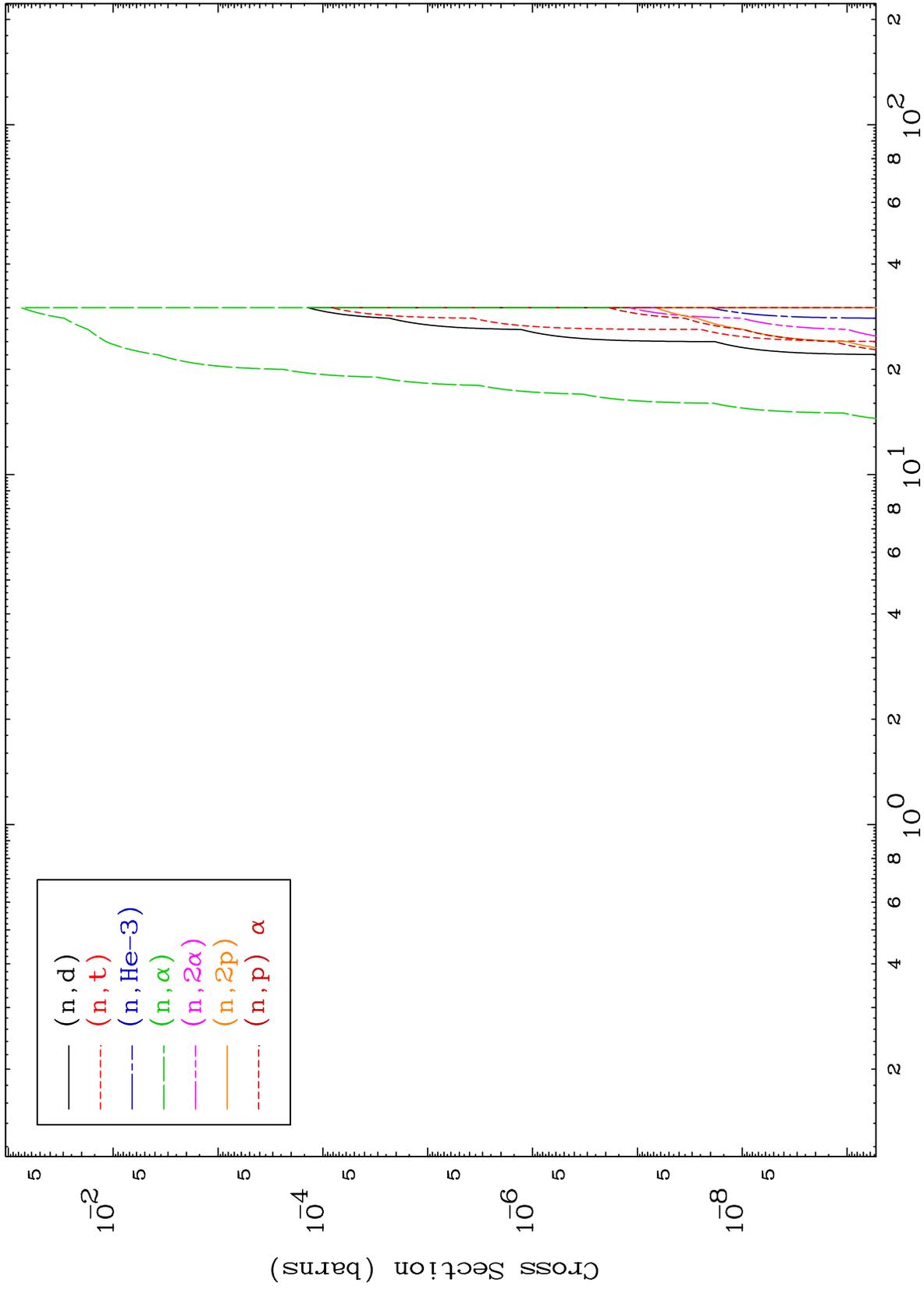
Incident Energy (MeV)

84-Po-208

MAT 8431

α Neutron Absorption
0 Kelvin Cross Sections

84-Po-208



3

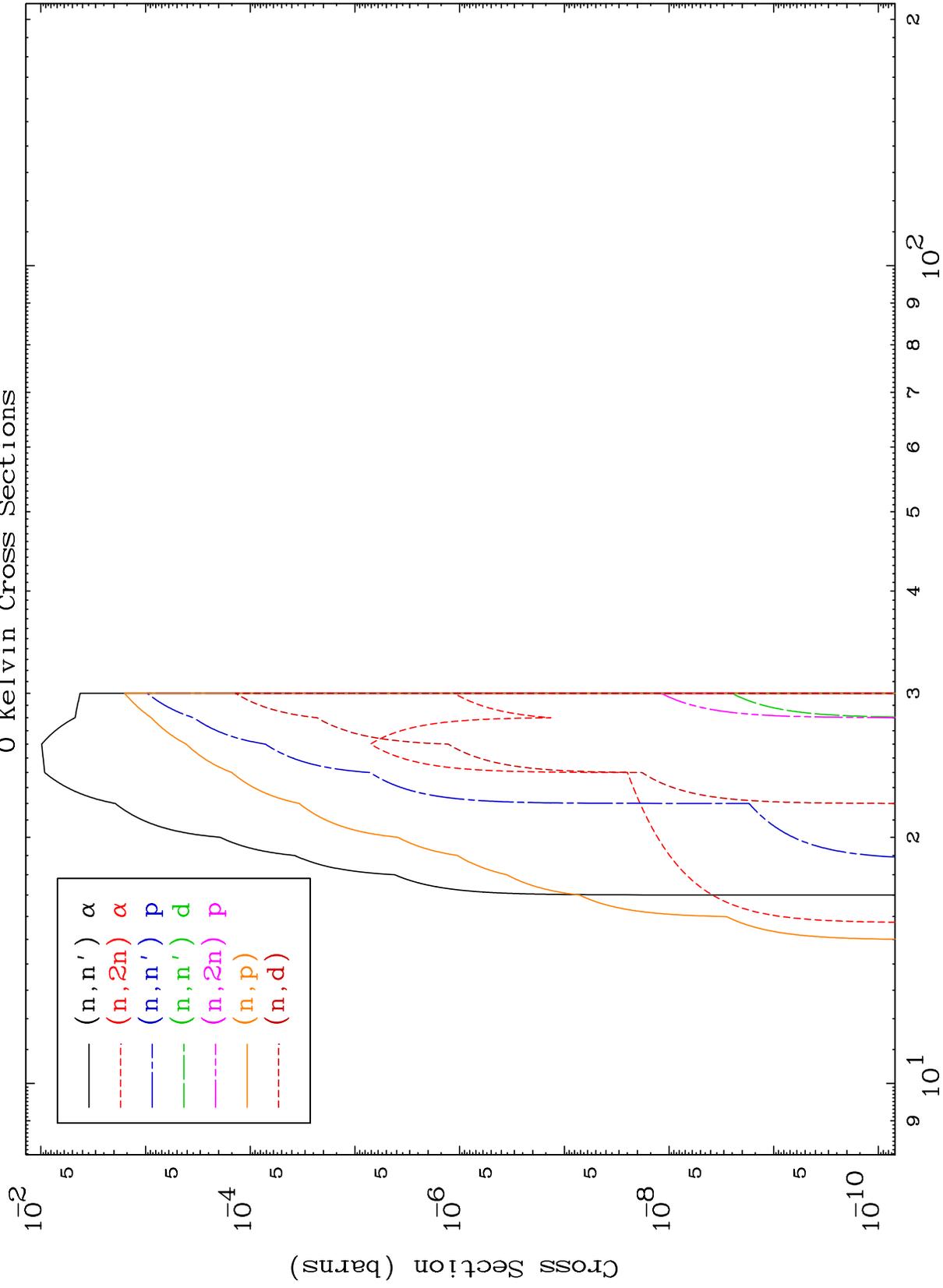
Incident Energy (MeV)

84-Po-208

MAT 8431

α Charged Particle
0 Kelvin Cross Sections

84-Po-208



4

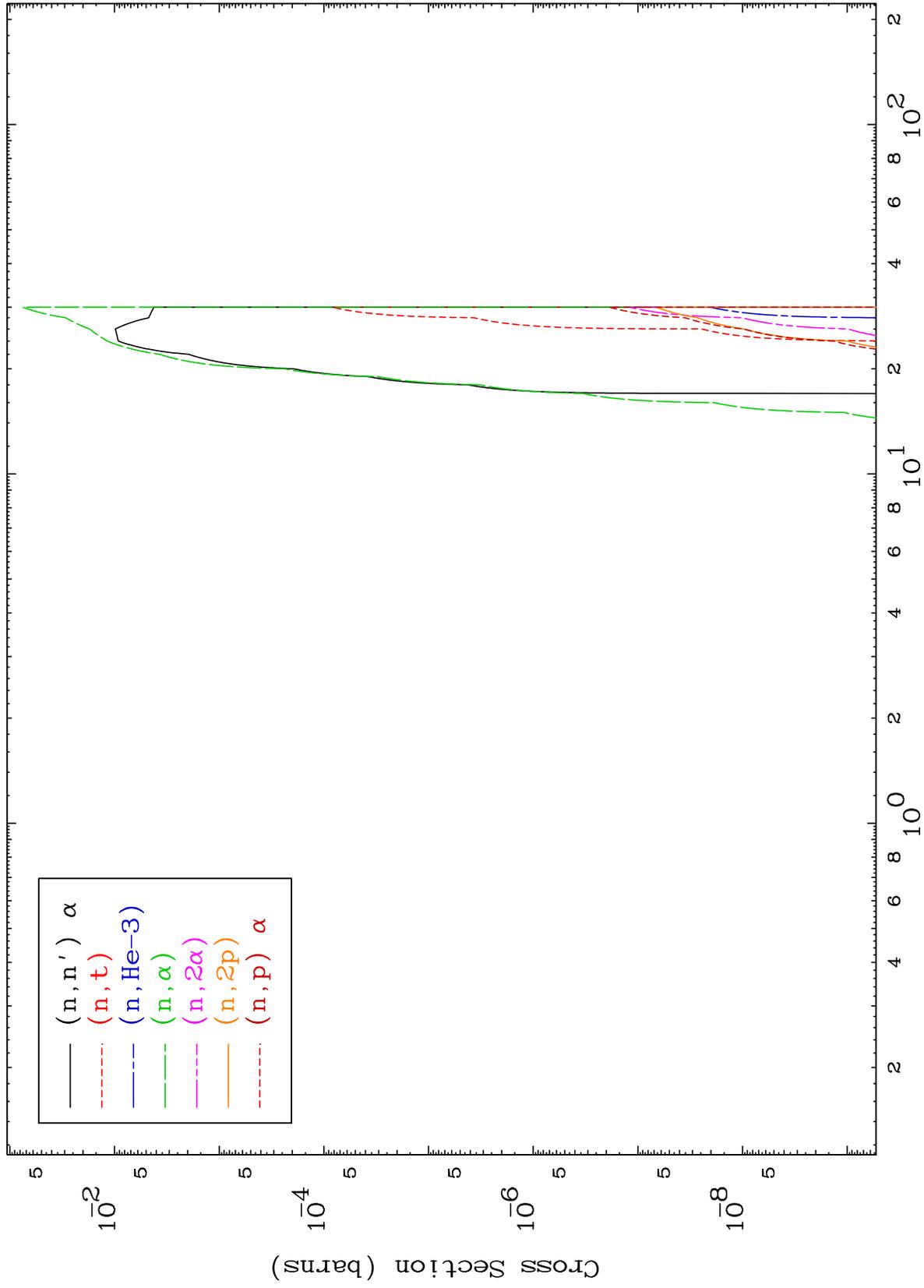
Incident Energy (MeV)

84-Po-208

MAT 8431

α Charged Particle
0 Kelvin Cross Sections

84-Po-208



5

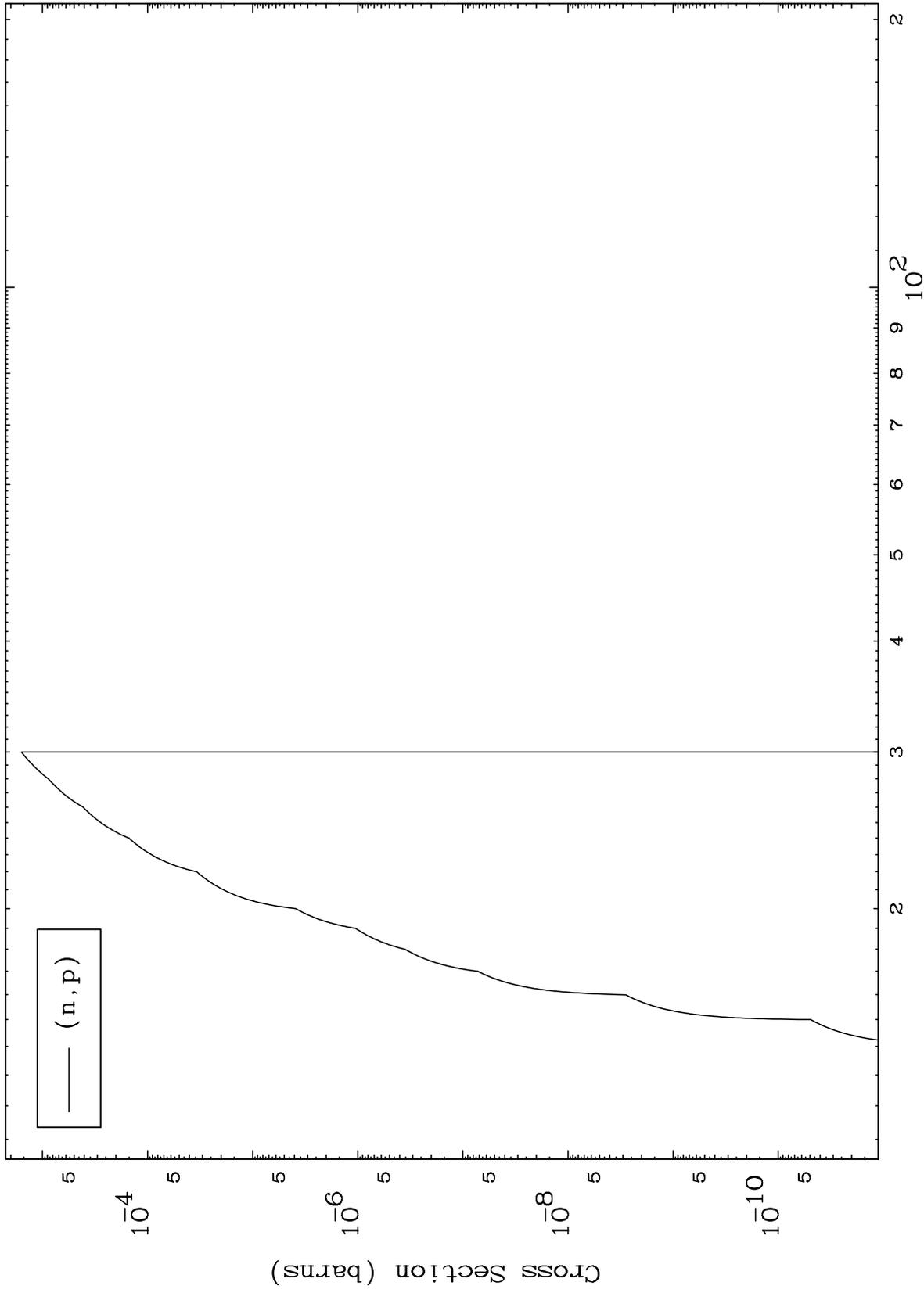
Incident Energy (MeV)

84-Po-208

MAT 8431

(α, p) Levels
0 Kelvin Cross Sections

84-Po-208



6

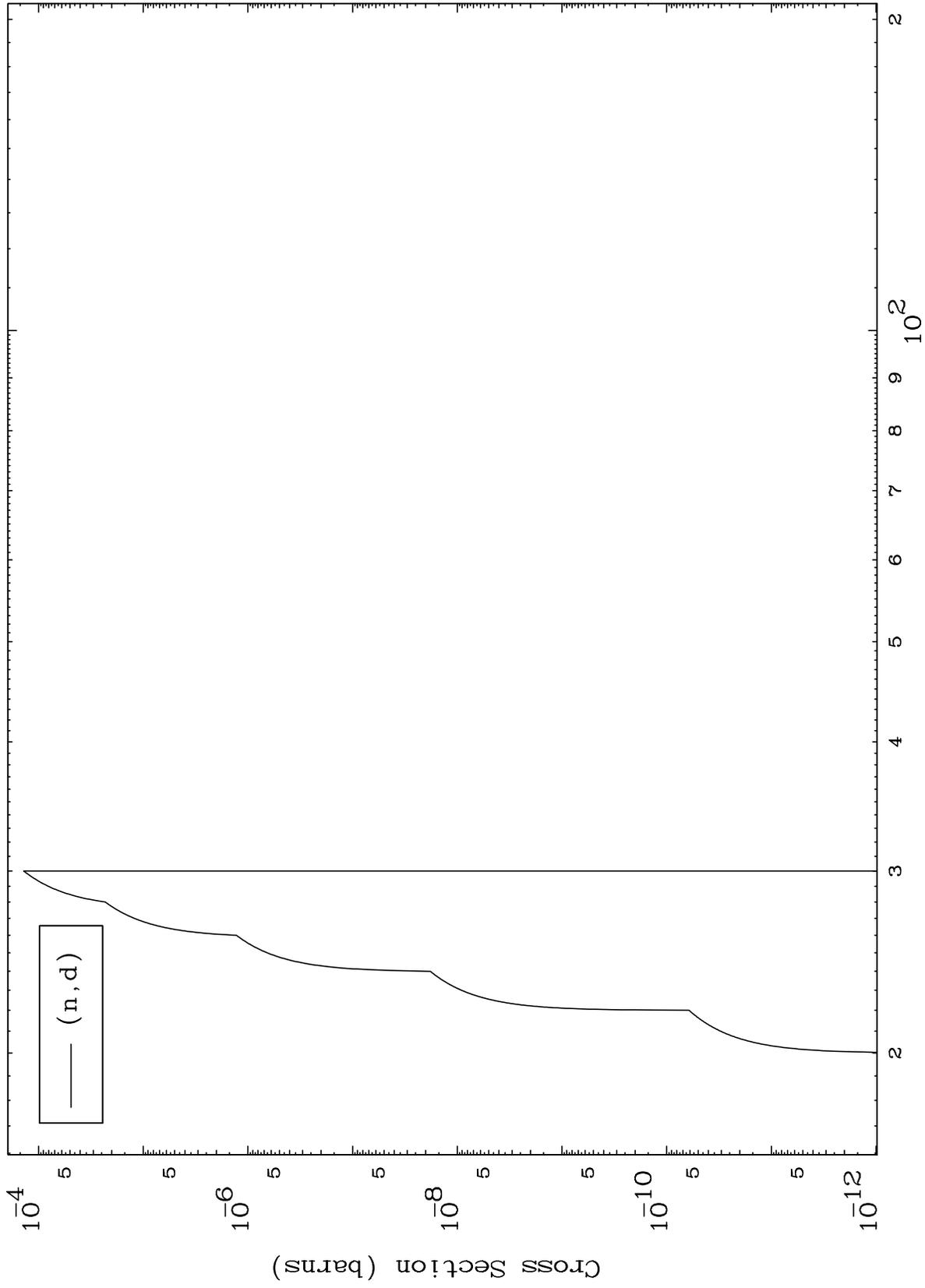
Incident Energy (MeV)

84-Po-208

MAT 8431

(α, d) Levels
0 Kelvin Cross Sections

84-Po-208



7

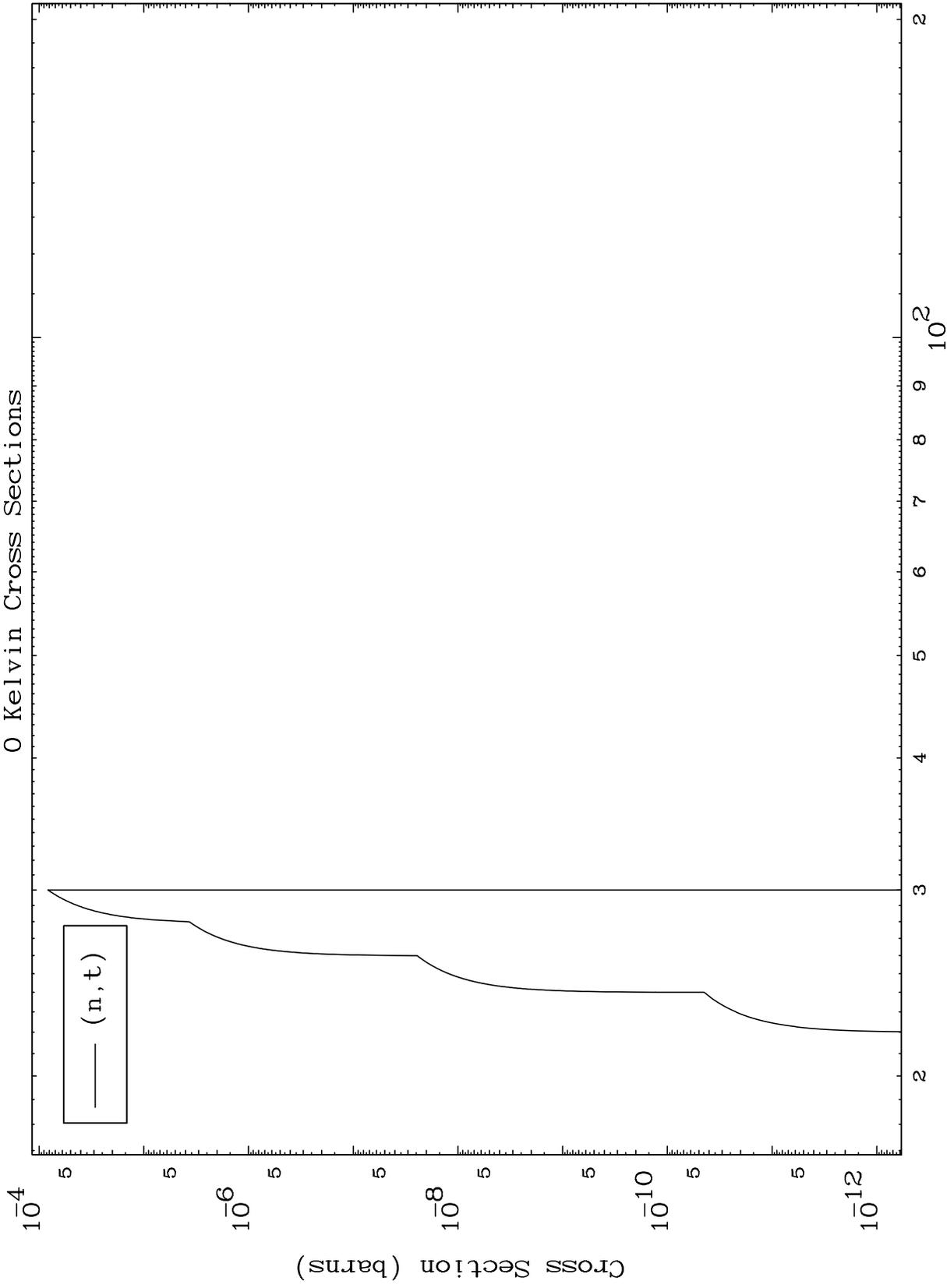
Incident Energy (MeV)

84-Po-208

MAT 8431

(α, t) Levels
0 Kelvin Cross Sections

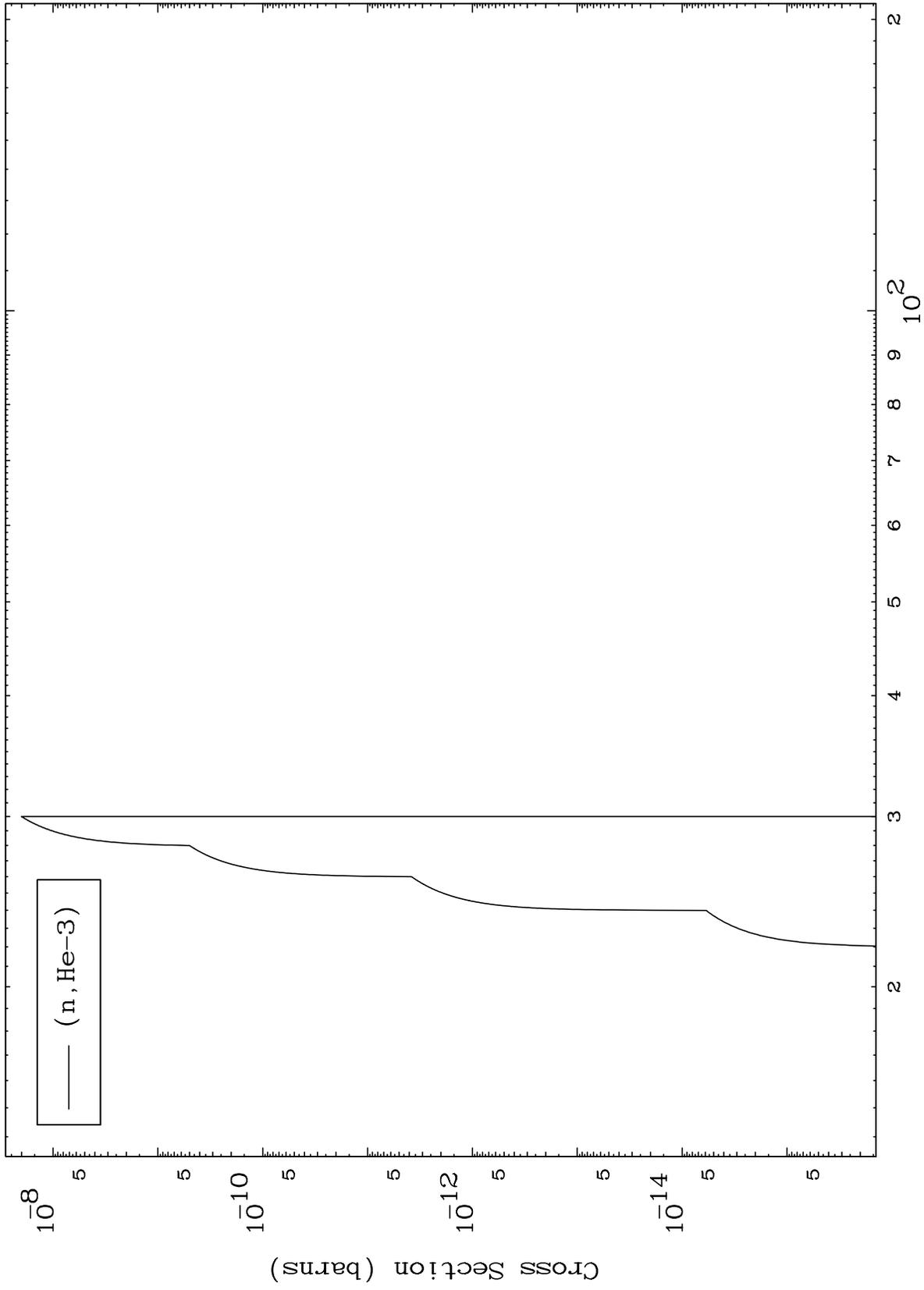
84-Po-208



8

Incident Energy (MeV)

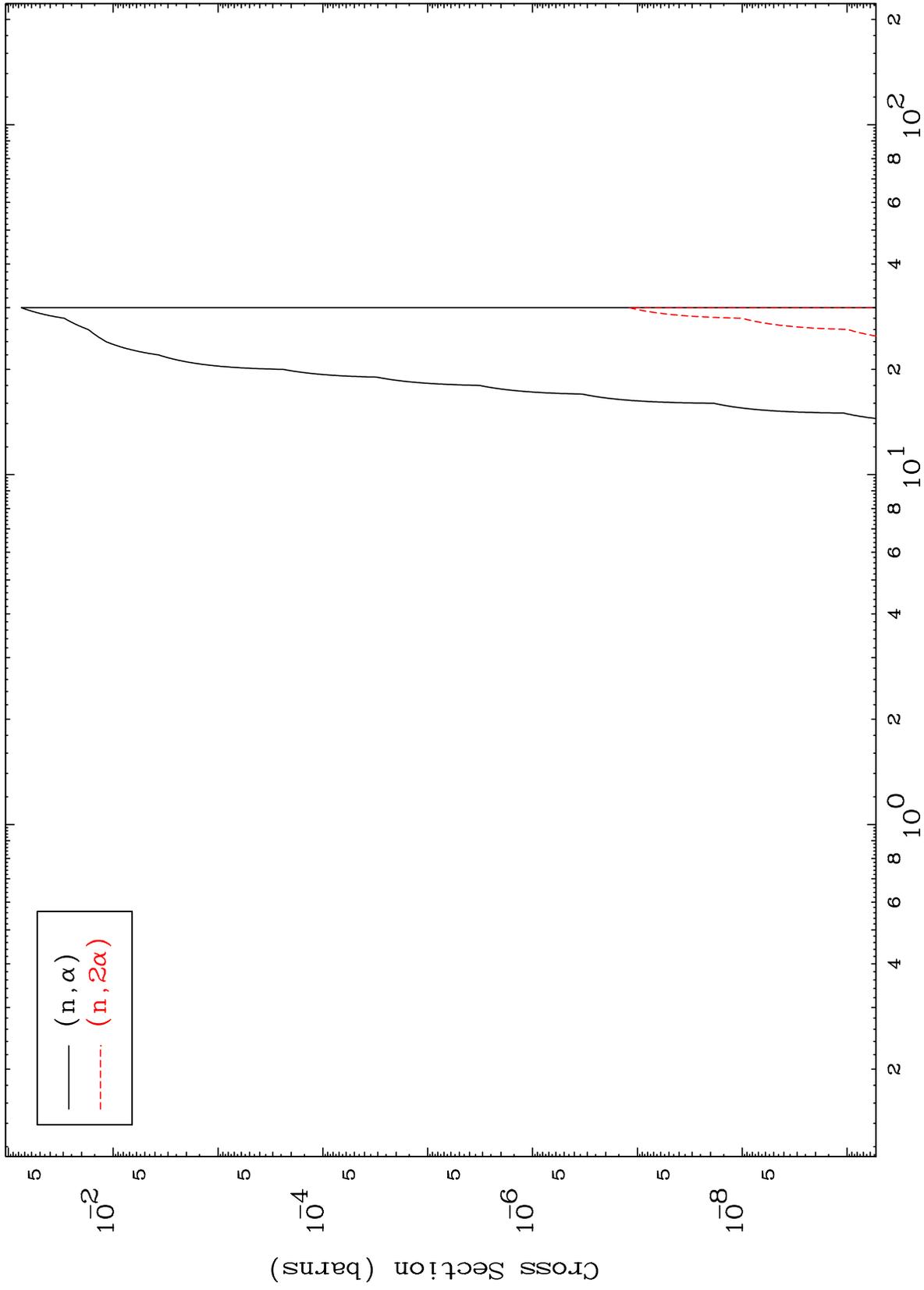
84-Po-208



MAT 8431

(α, α) Levels
0 Kelvin Cross Sections

84-Po-208



10

Incident Energy (MeV)

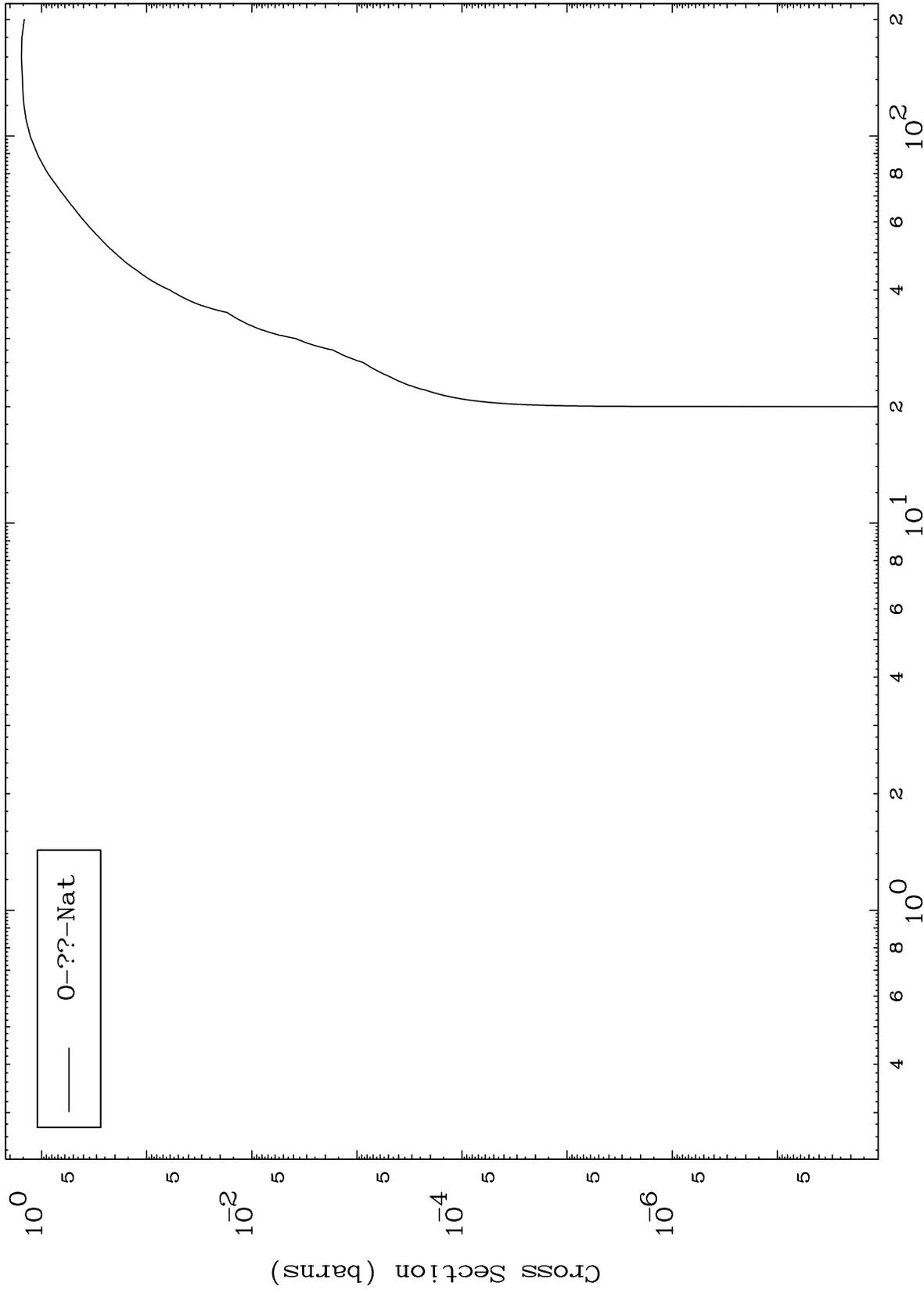
84-Po-208

MAT 8431

Fission

84-Po-208

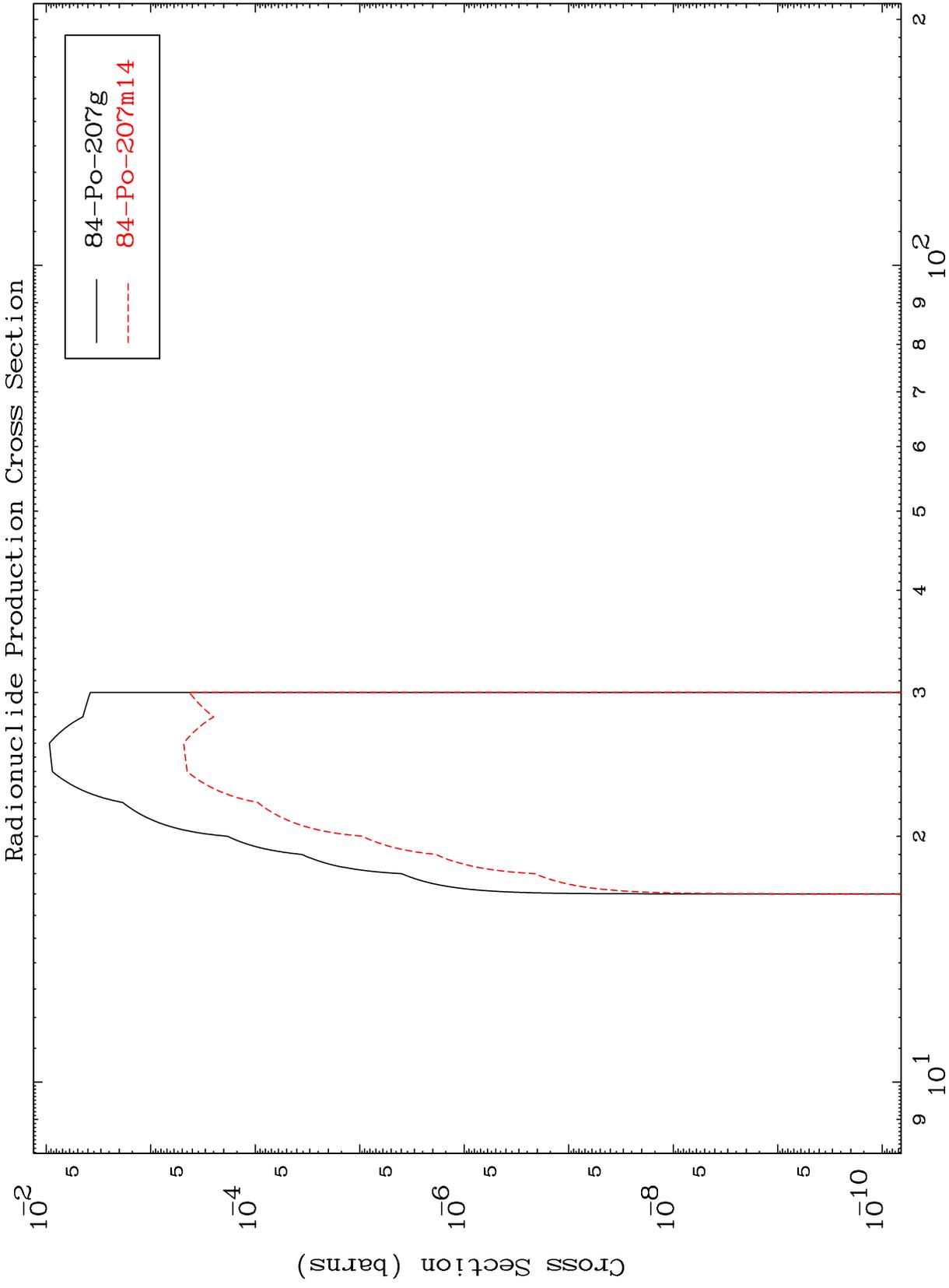
Radionuclide Production Cross Section



MAT 8431

(n,n') α

84-Po-208



12

84-Po-208

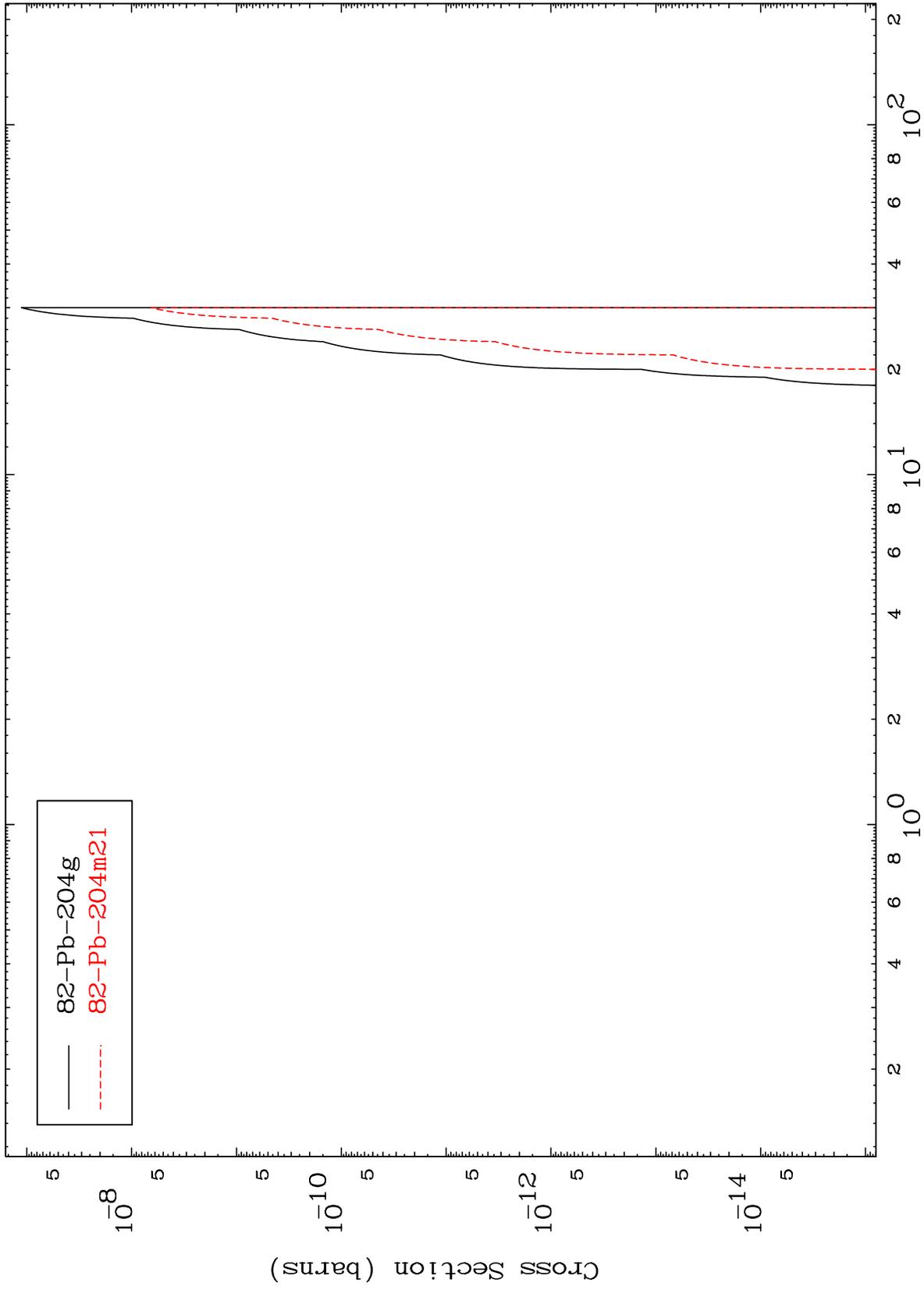
84-Po-208

MAT 8431

(n,2α)

84-Po-208

Radionuclide Production Cross Section



13

Incident Energy (MeV)

84-Po-208