

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

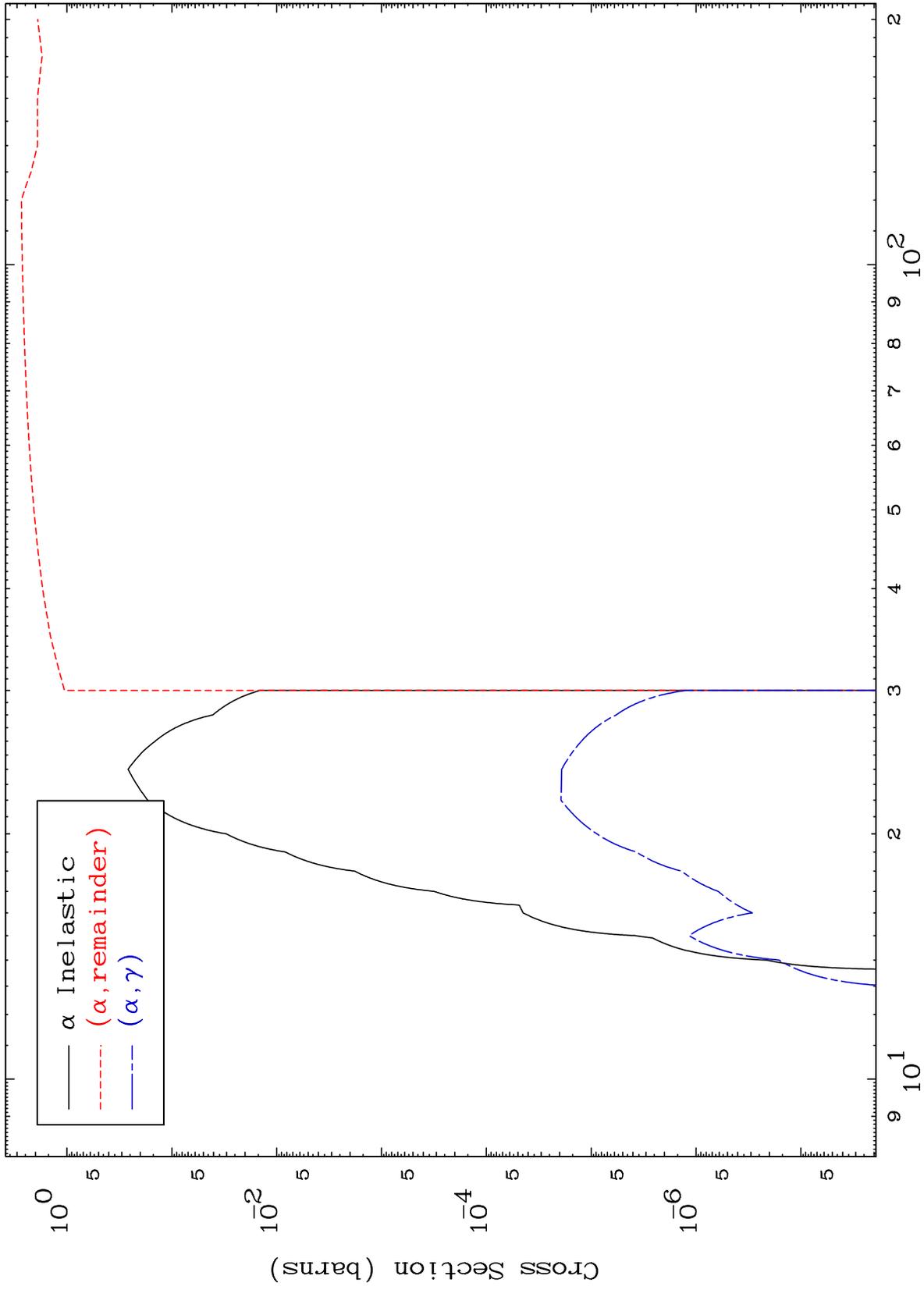
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8434

0 Kelvin α Major
Cross Sections

84-Po-209



1

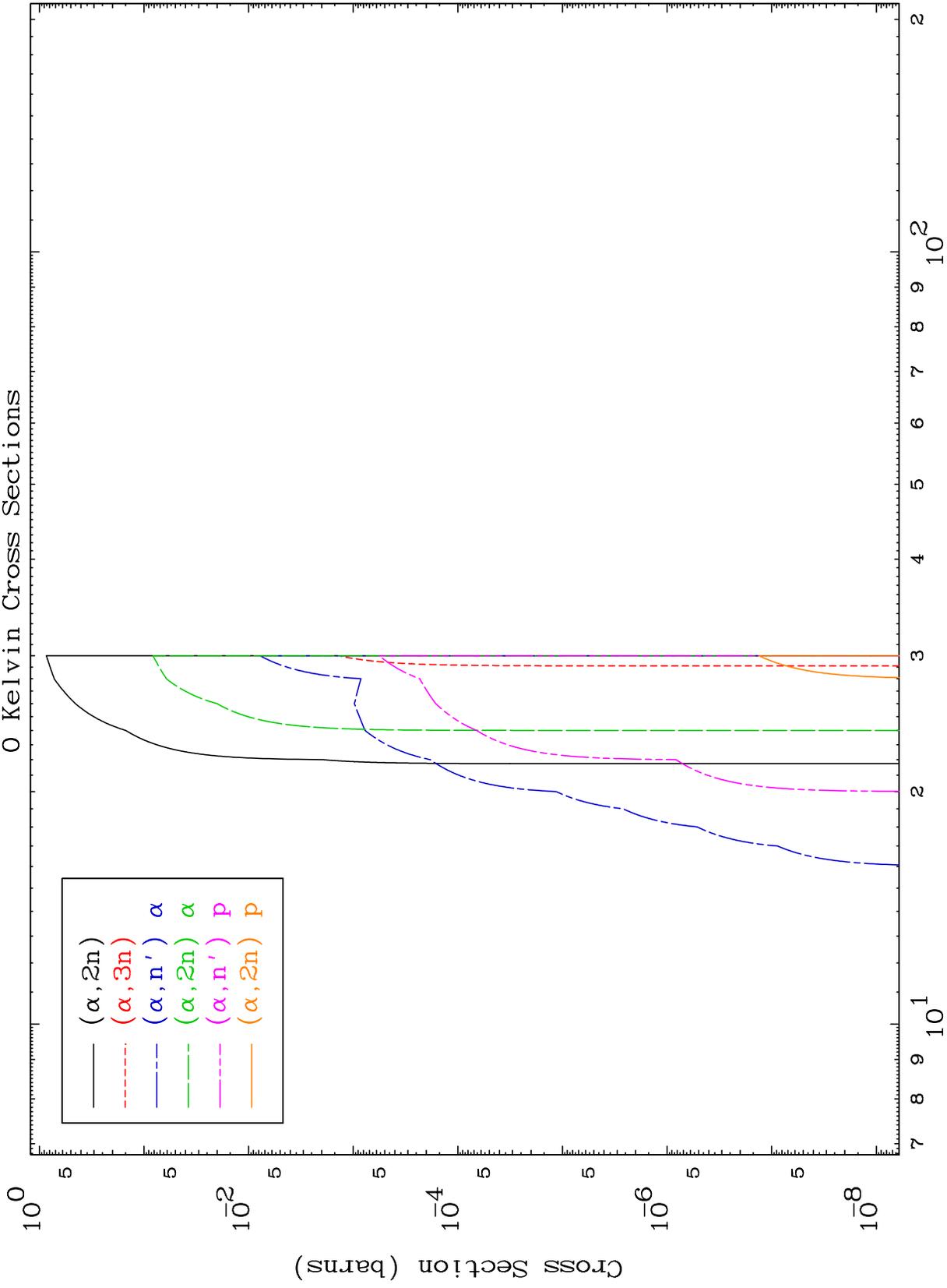
Incident Energy (MeV)

84-Po-209

MAT 8434

α Neutron Production
0 Kelvin Cross Sections

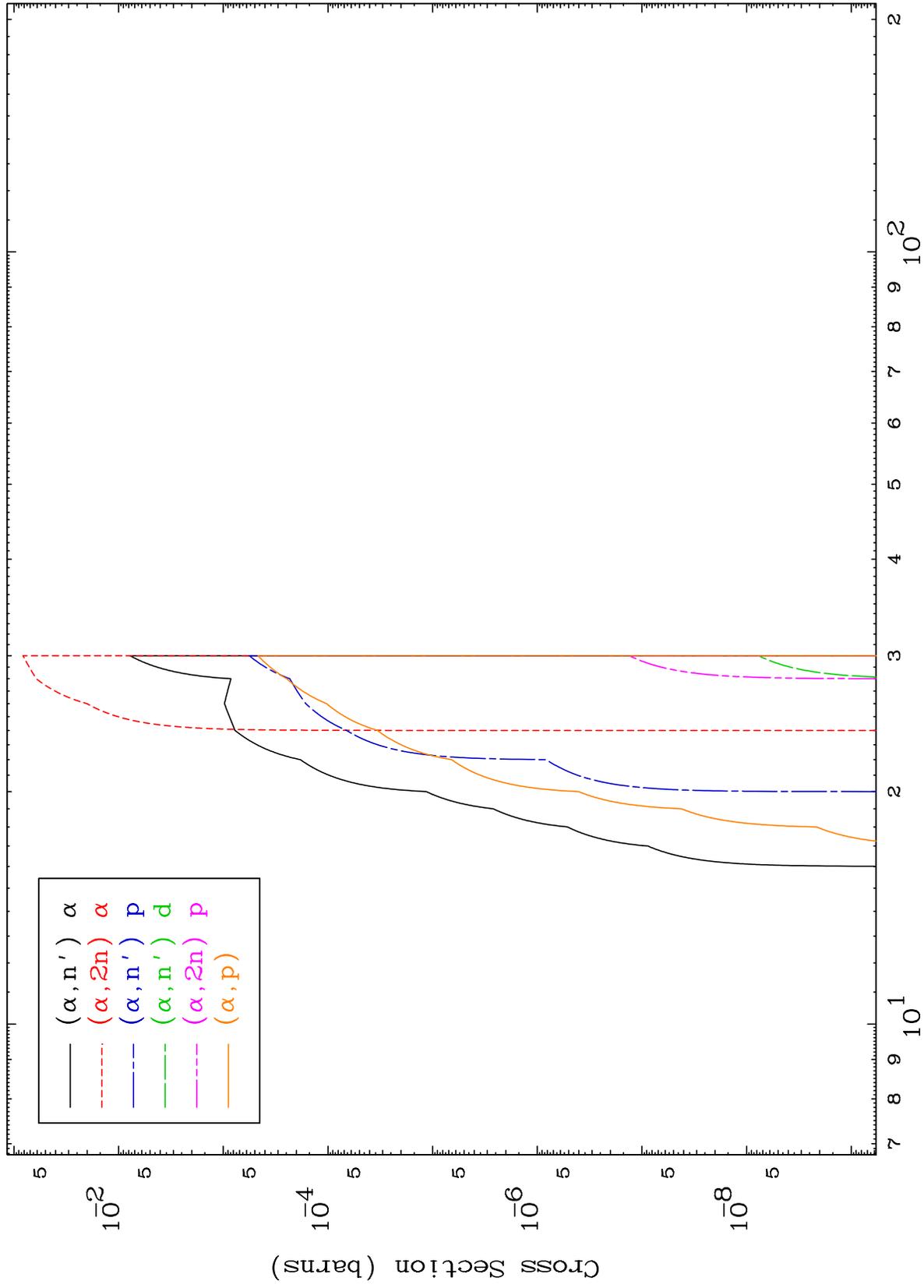
84-Po-209



2

Incident Energy (MeV)

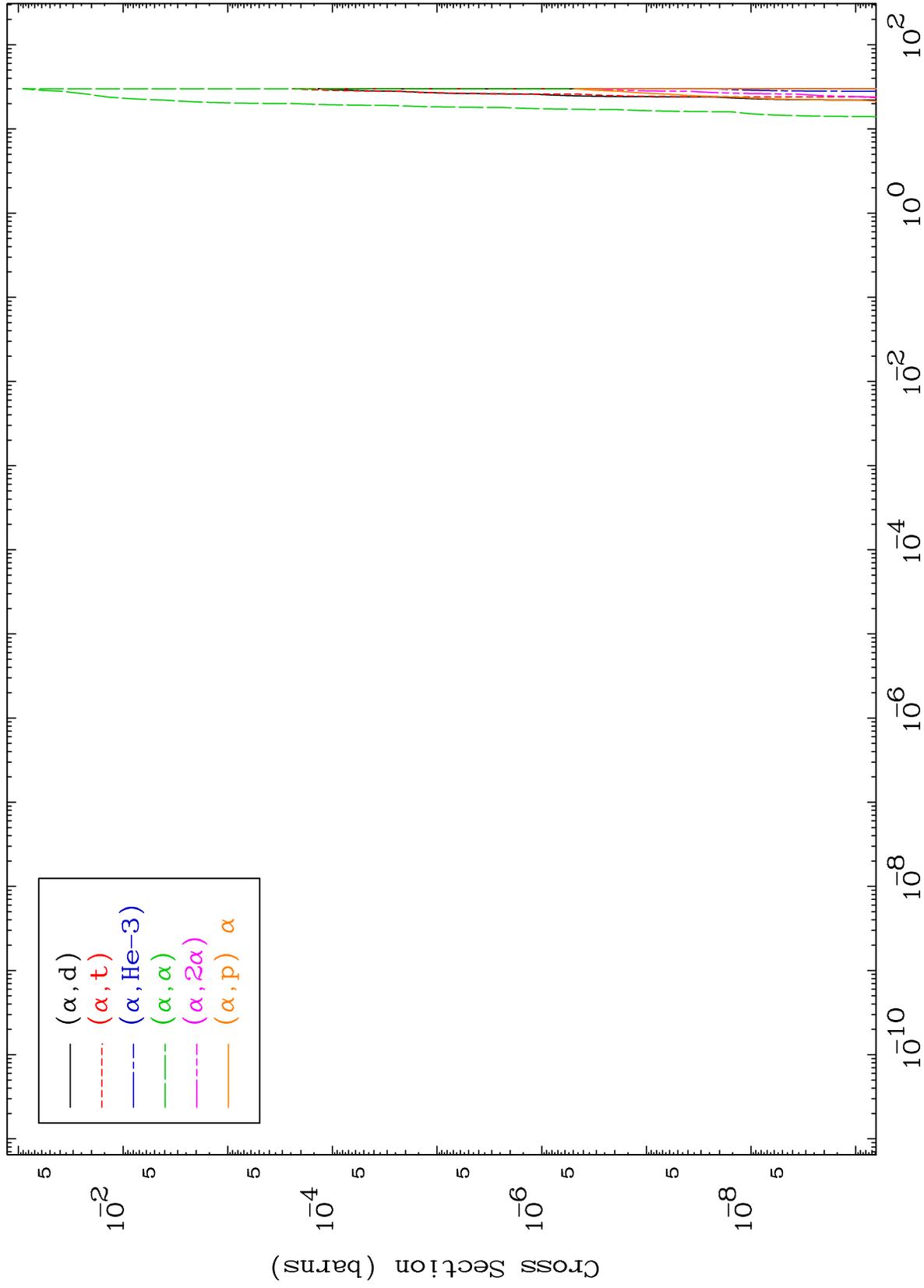
84-Po-209



MAT 8434

α Charged Particle
0 Kelvin Cross Sections

84-Po-209



4

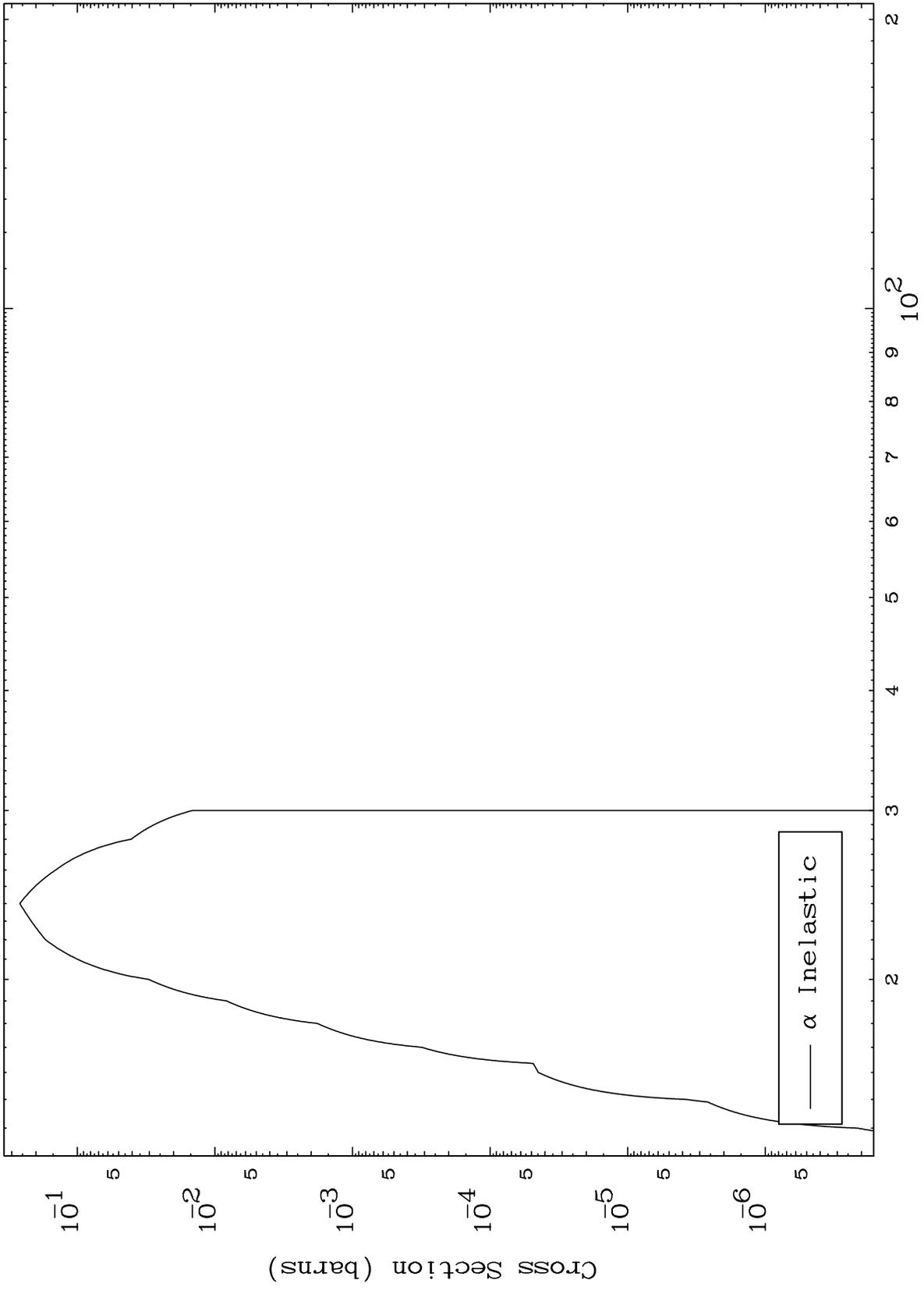
Incident Energy (MeV)

84-Po-209

MAT 8434

(α, n') Level
0 Kelvin Cross Sections

84-Po-209



5

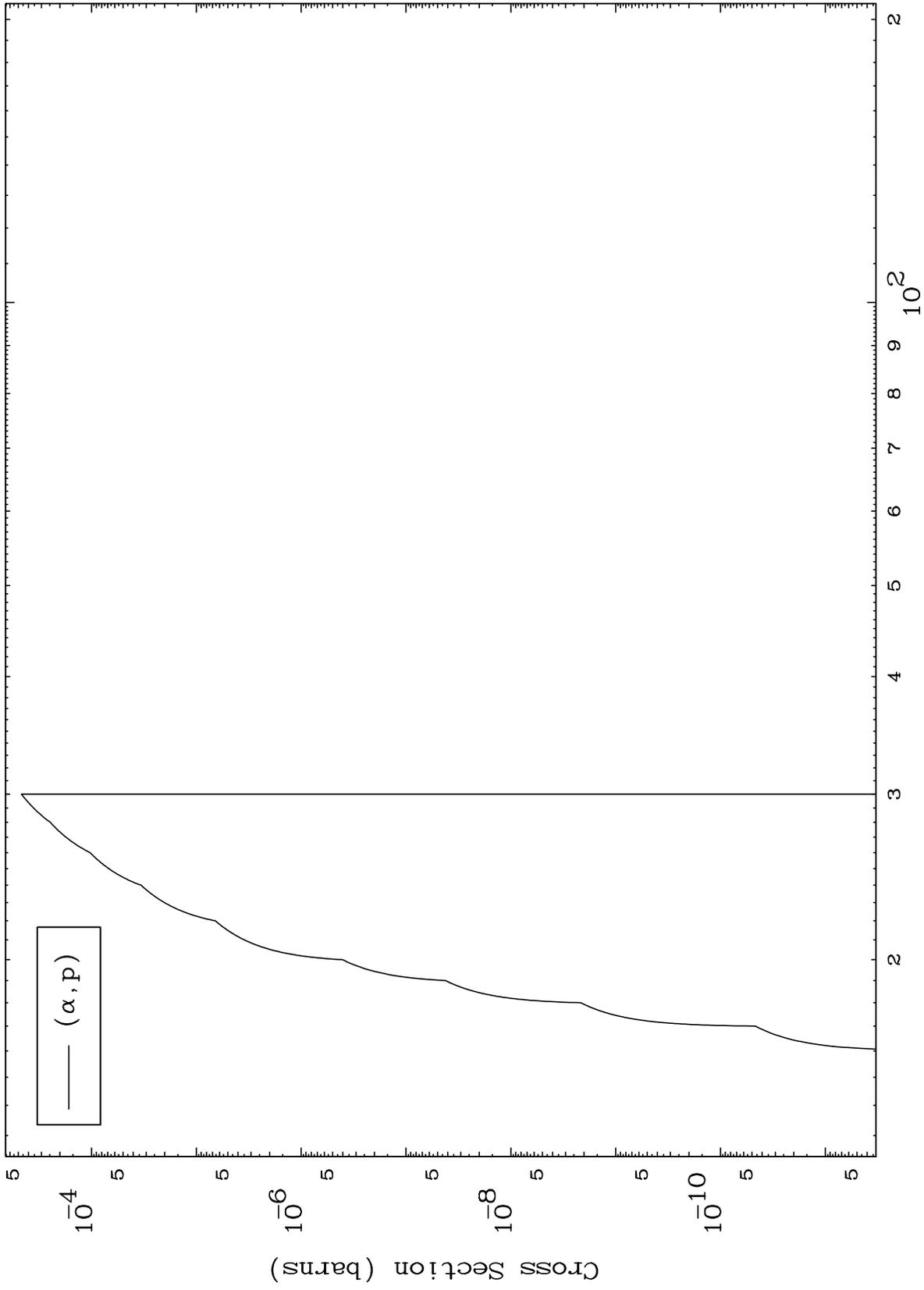
Incident Energy (MeV)

84-Po-209

MAT 8434

(α, p) Levels
0 Kelvin Cross Sections

84-Po-209



6

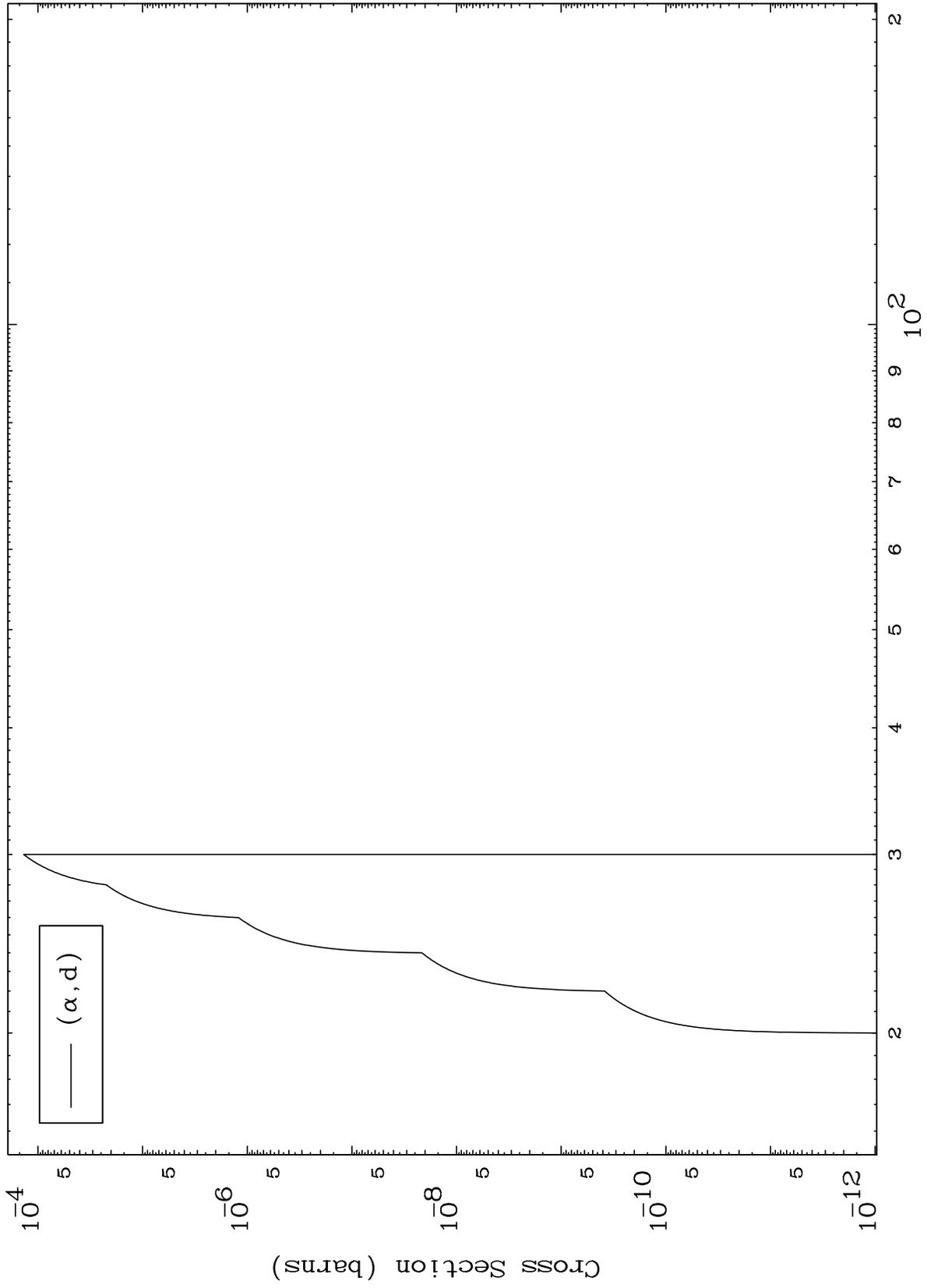
Incident Energy (MeV)

84-Po-209

MAT 8434

(α, d) Levels
0 Kelvin Cross Sections

84-Po-209



7

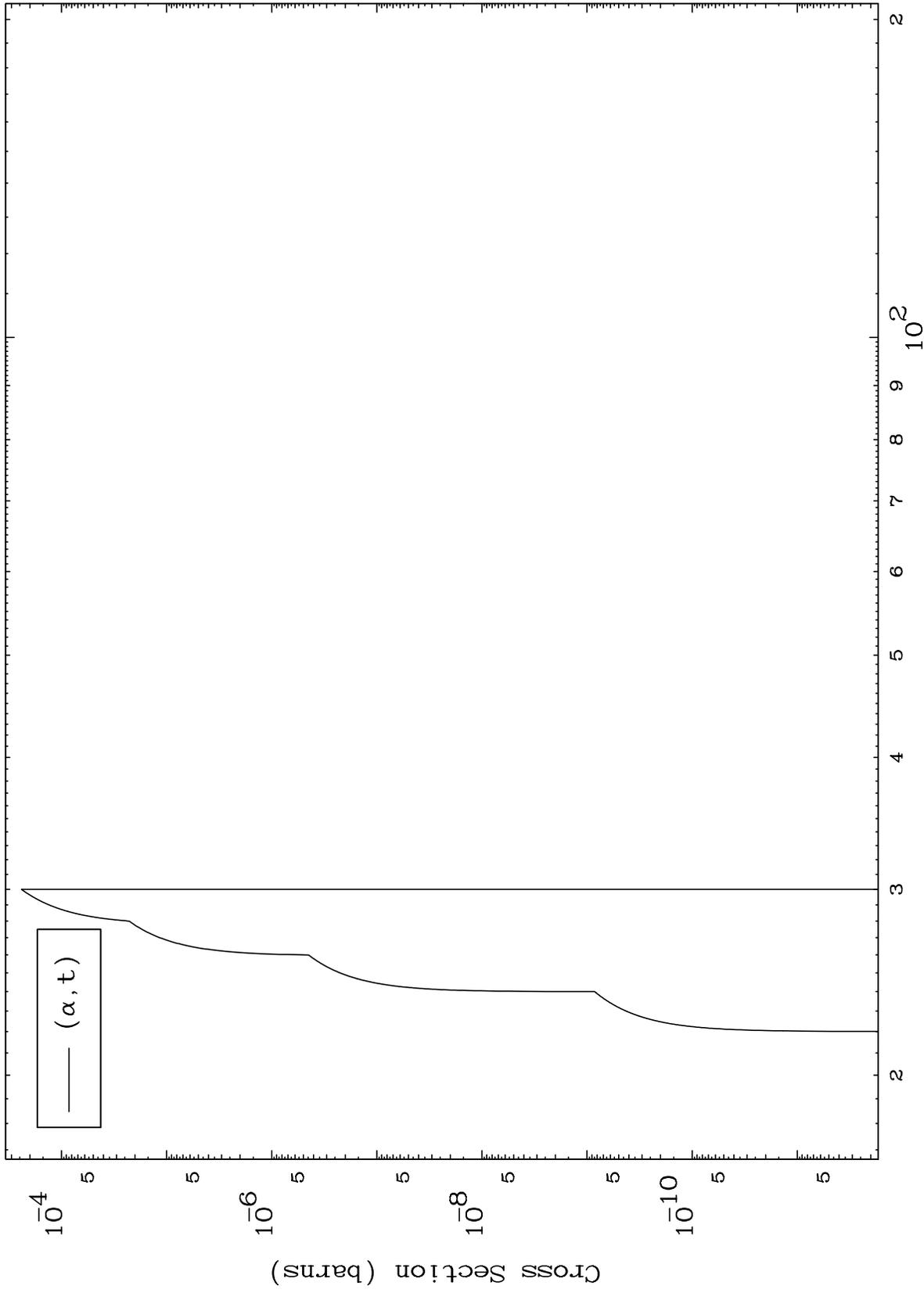
Incident Energy (MeV)

84-Po-209

MAT 8434

(α, t) Levels
0 Kelvin Cross Sections

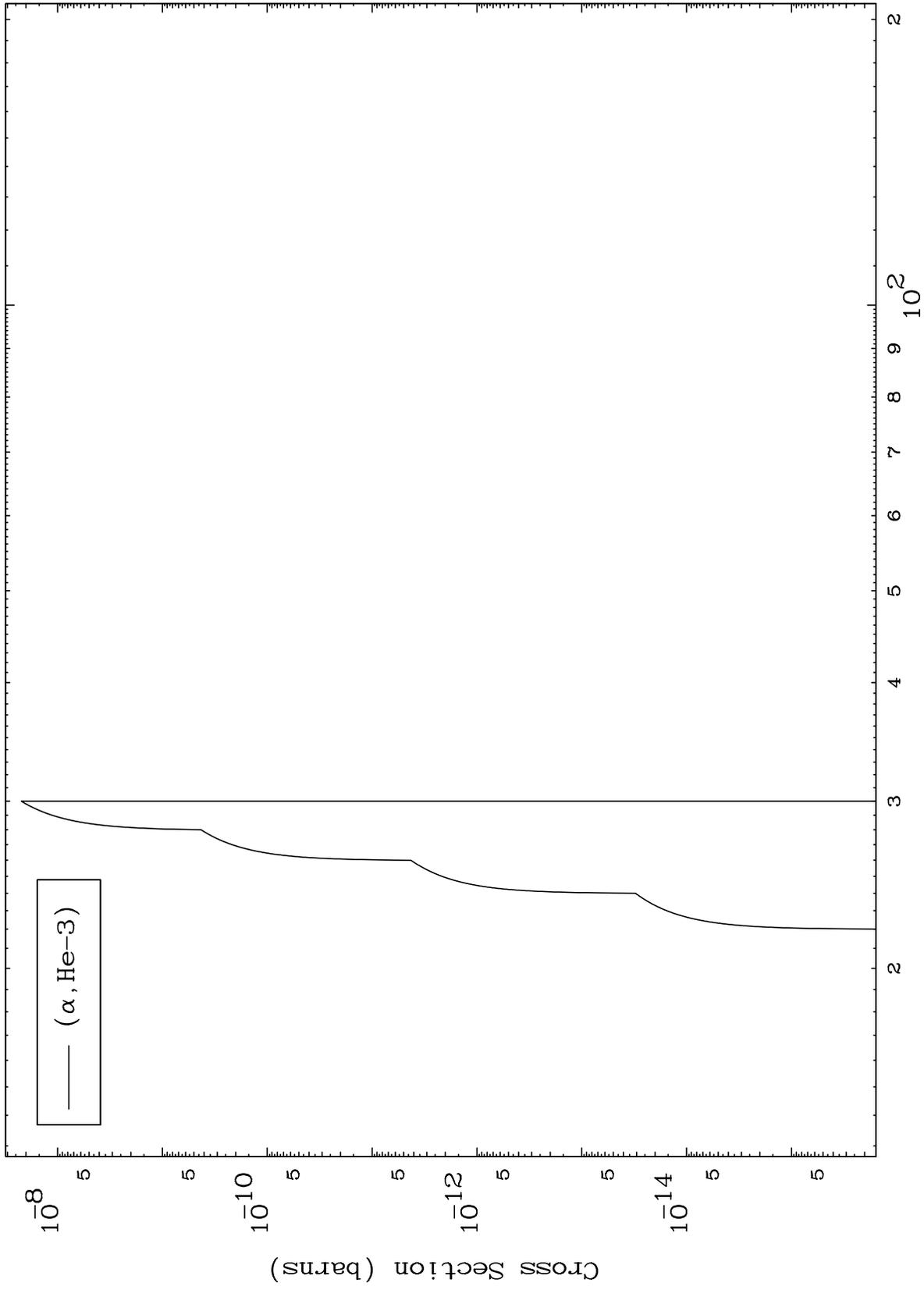
84-Po-209



8

84-Po-209

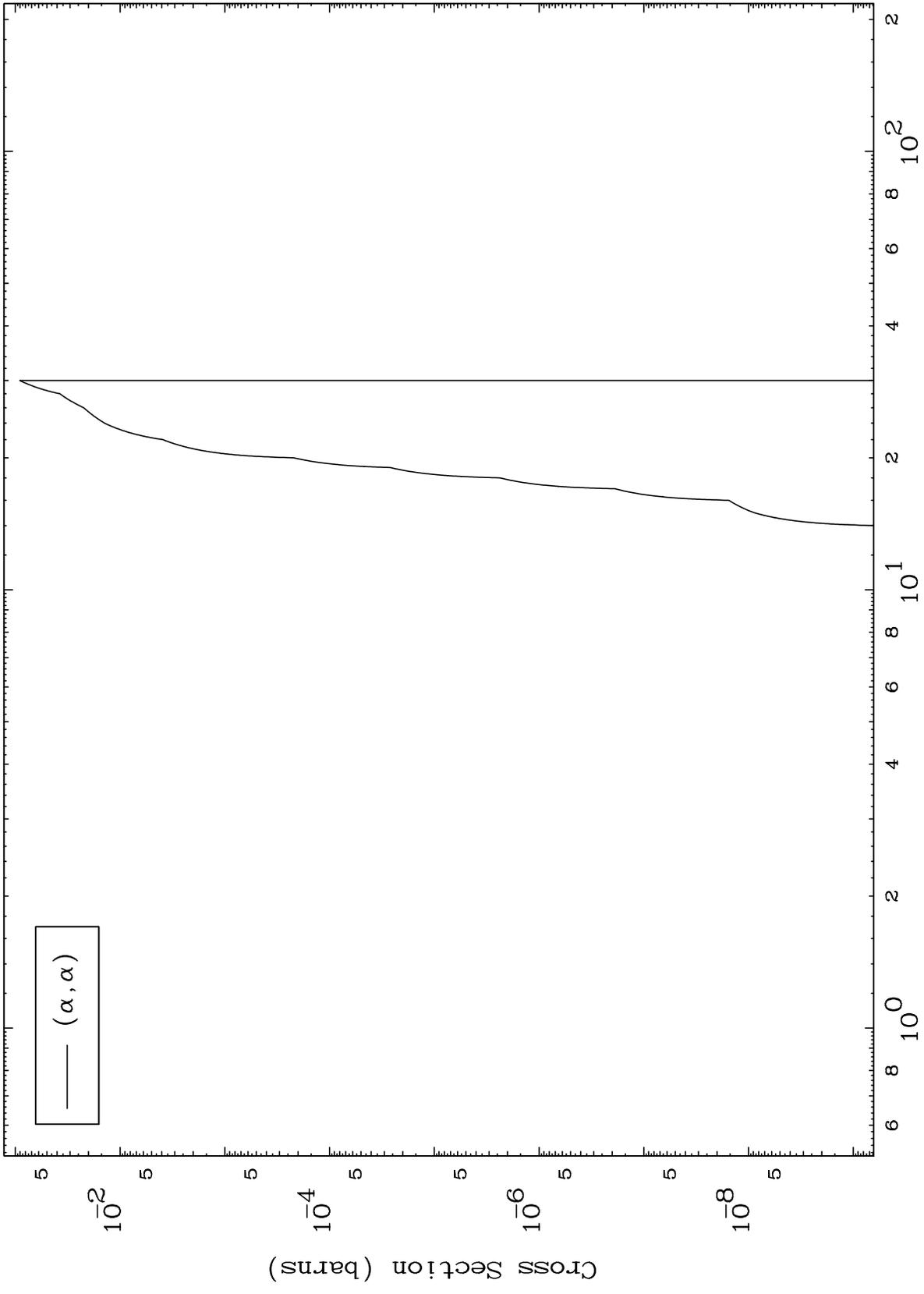
84-Po-209



MAT 8434

(α, α) Levels
0 Kelvin Cross Sections

84-Po-209



10

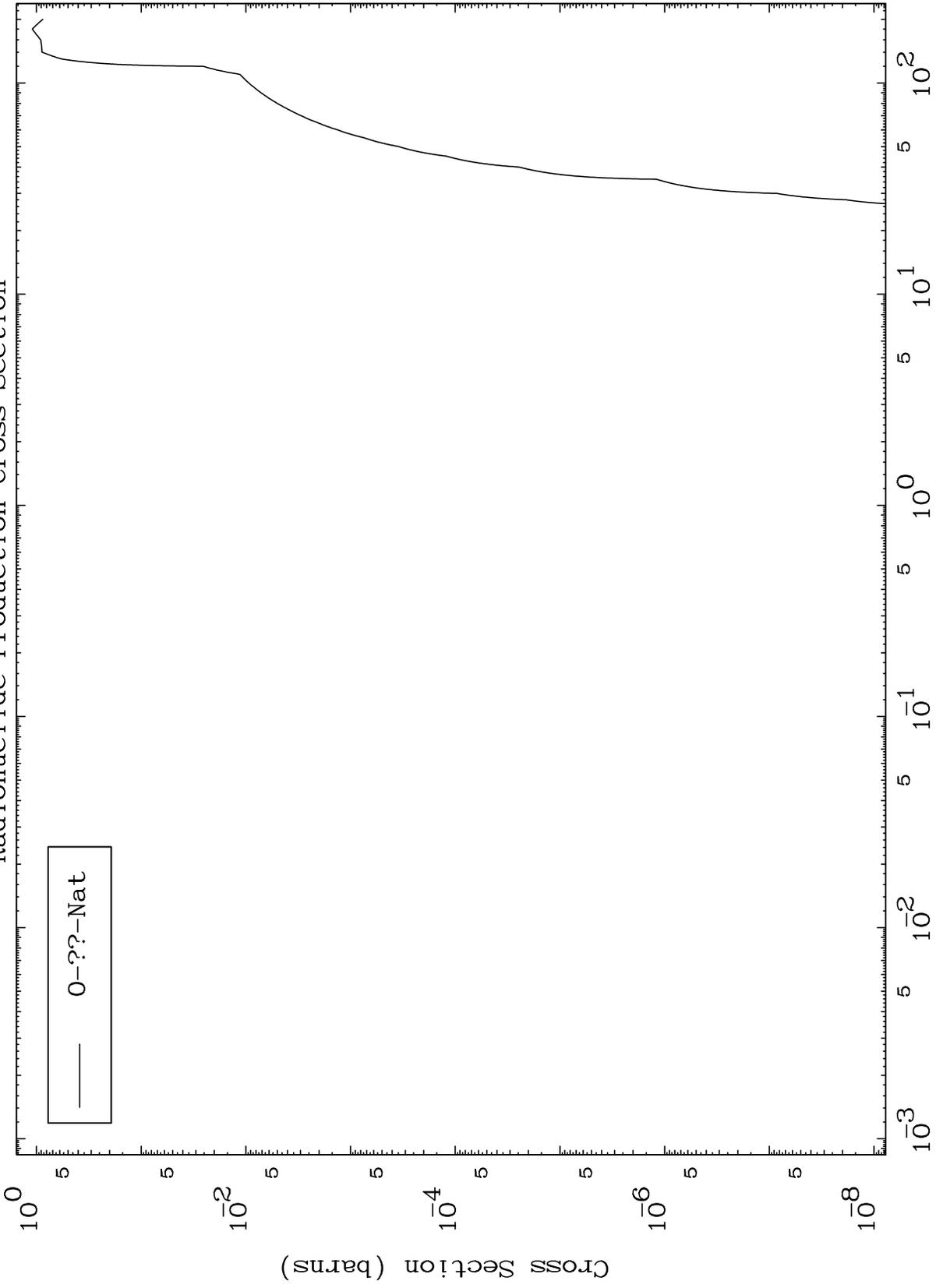
Incident Energy (MeV)

84-Po-209

MAT 8434

α Fission
Radionuclide Production Cross Section

84-Po-209



11

Incident Energy (MeV)

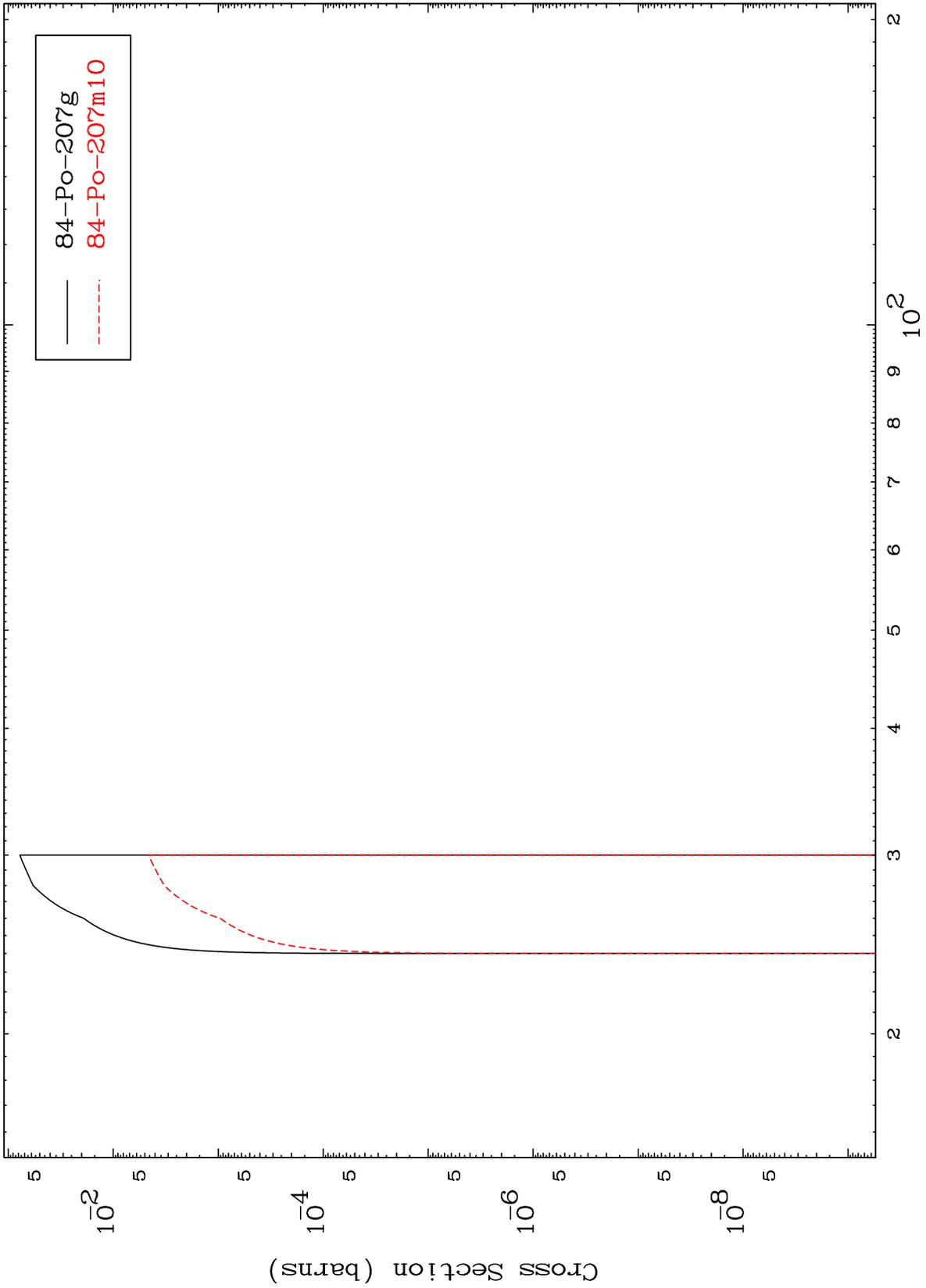
84-Po-209

MAT 8434

($\alpha, 2n$) α

84-Po-209

Radionuclide Production Cross Section



12

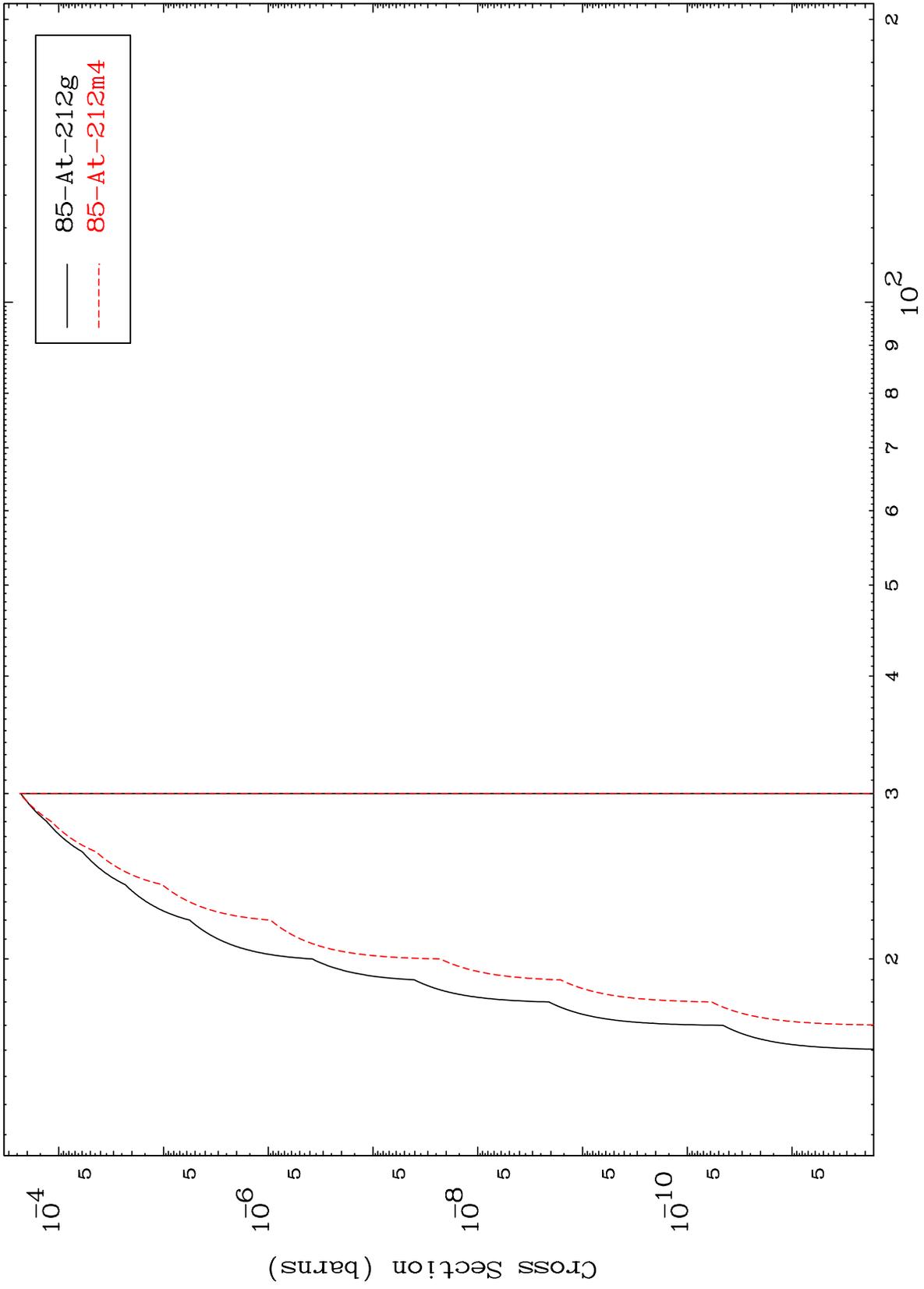
Incident Energy (MeV)

84-Po-209

MAT 8434

84-Po-209

(α, p)
Radionuclide Production Cross Section



13

84-Po-209