

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

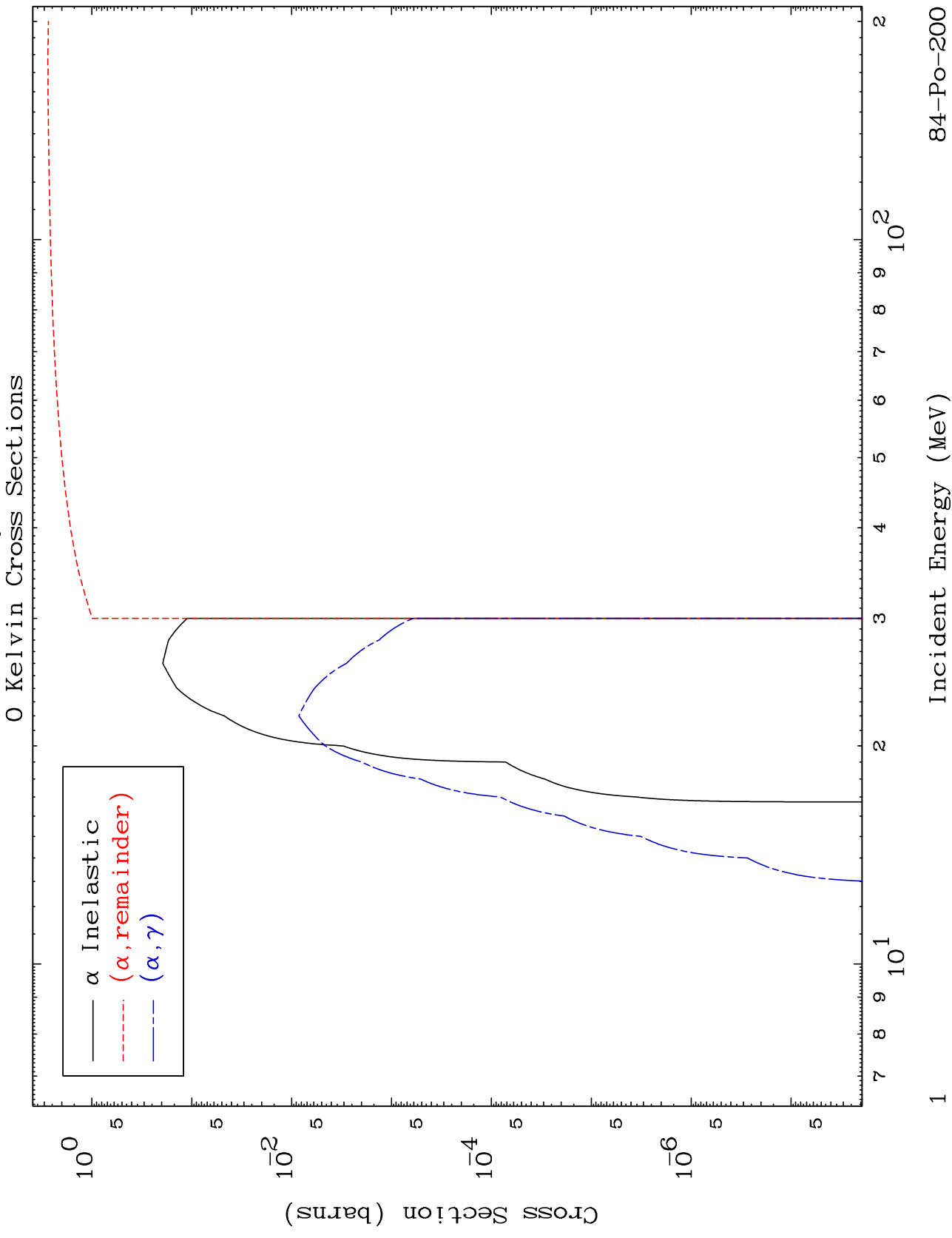
Press Mouse Button to Start

MAT 8407

0 Kelvin

α Major

84-Po-200



1

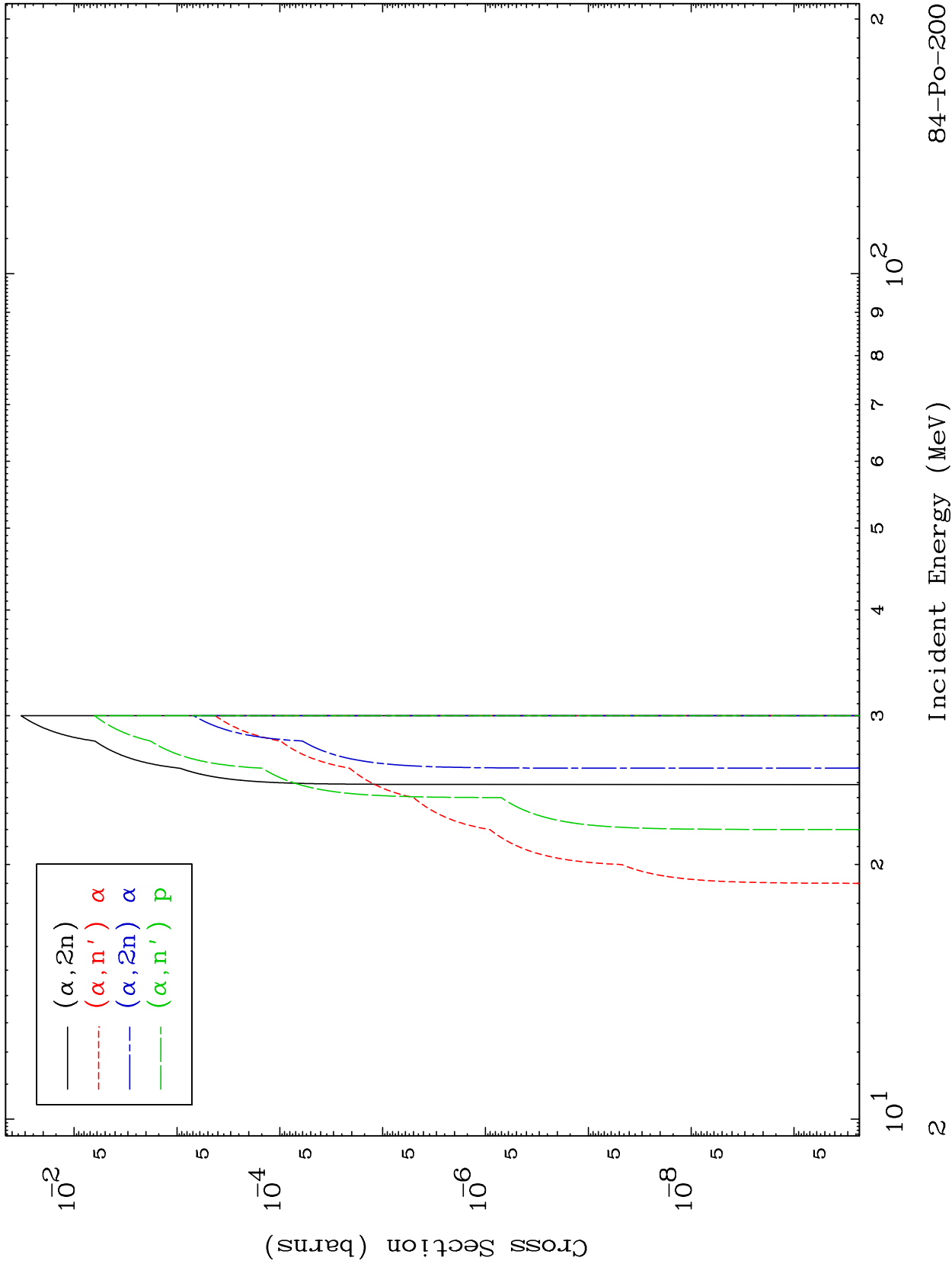
Incident Energy (MeV)

84-Po-200

MAT 8407

α Neutron Production
0 Kelvin Cross Sections

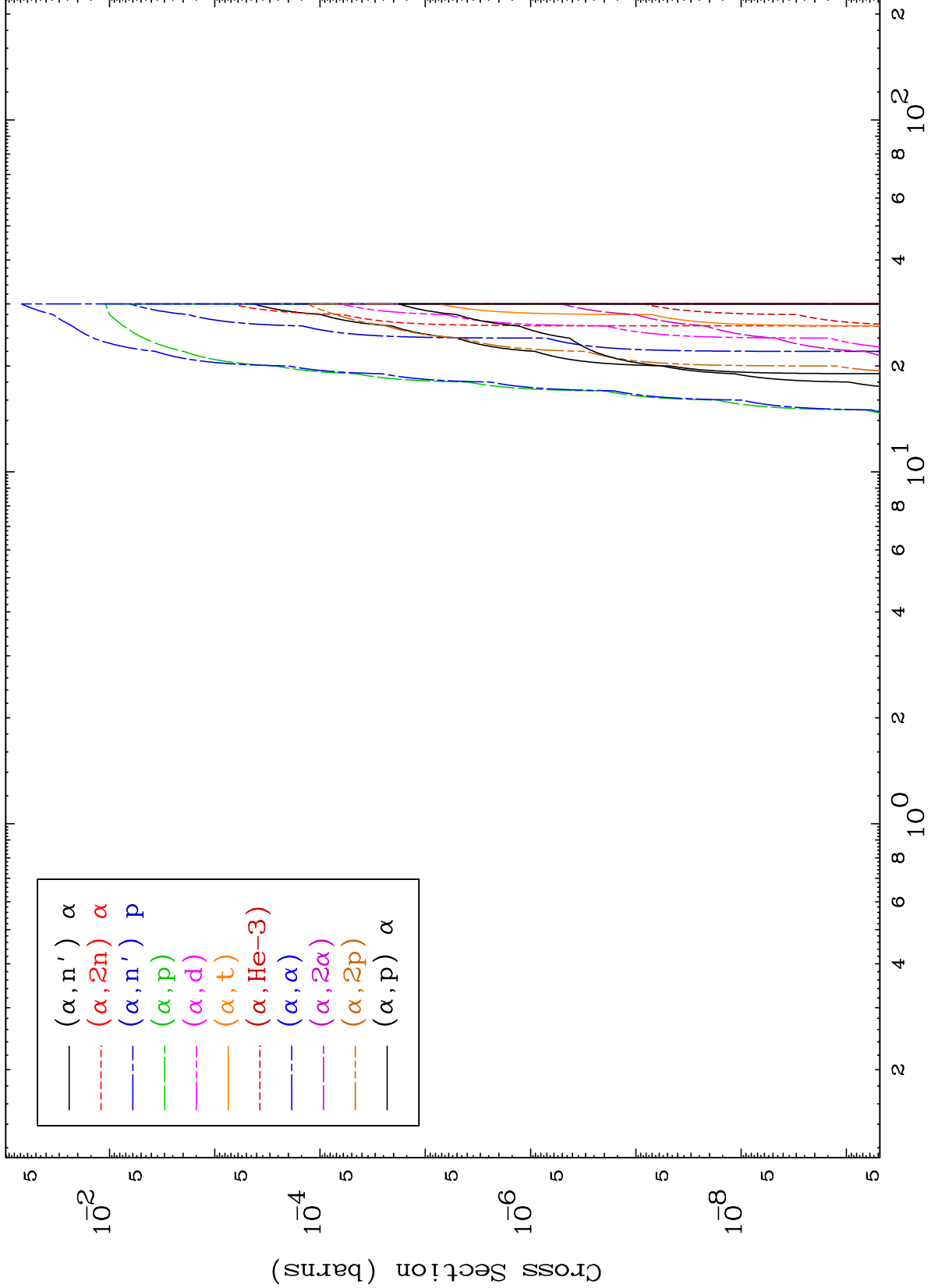
84-Po-200



MAT 8407

α Charged Particle
0 Kelvin Cross Sections

84-Po-200

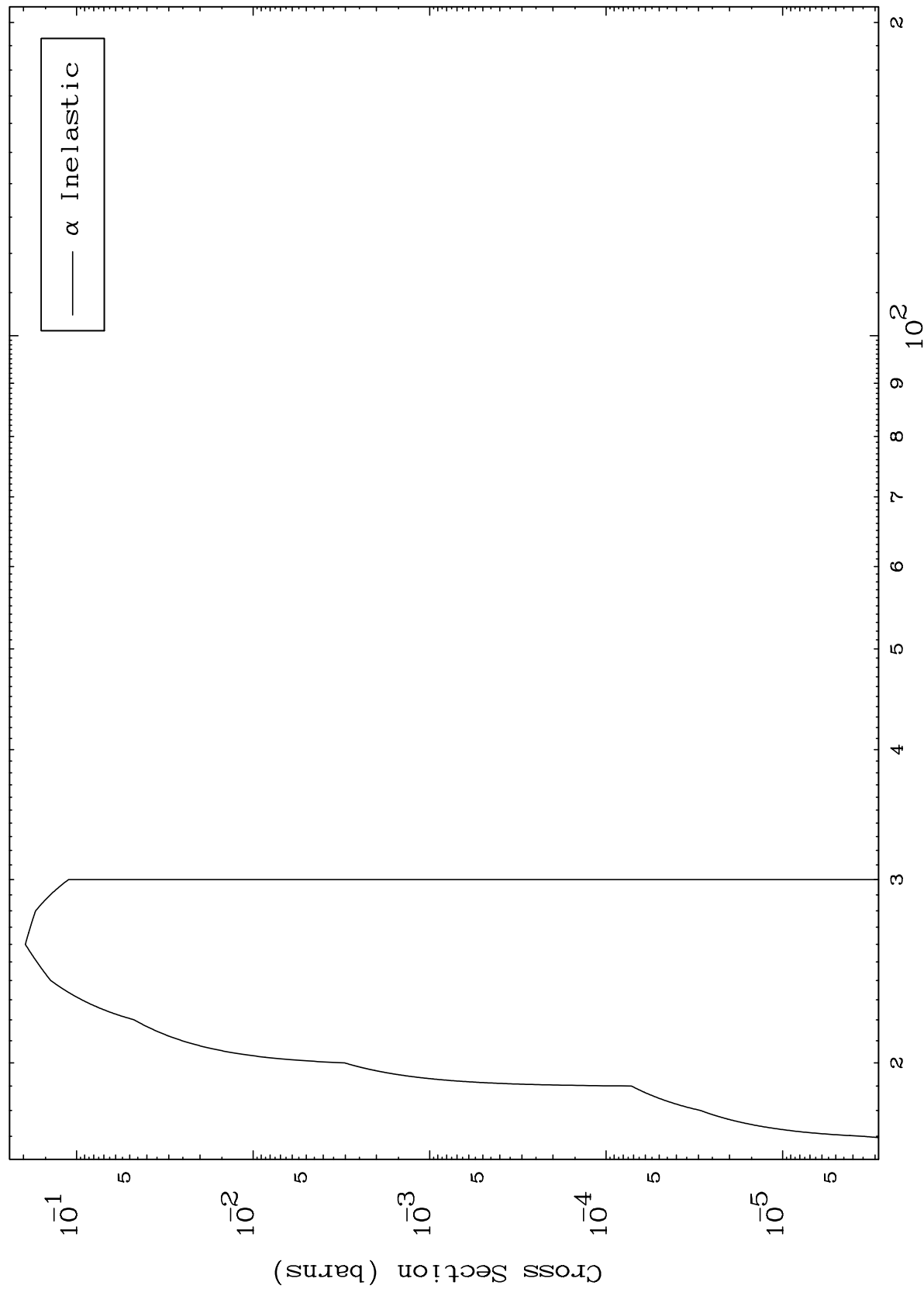


MAT 8407

(α, n') Level

84-Po-200

0 Kelvin Cross Sections



4

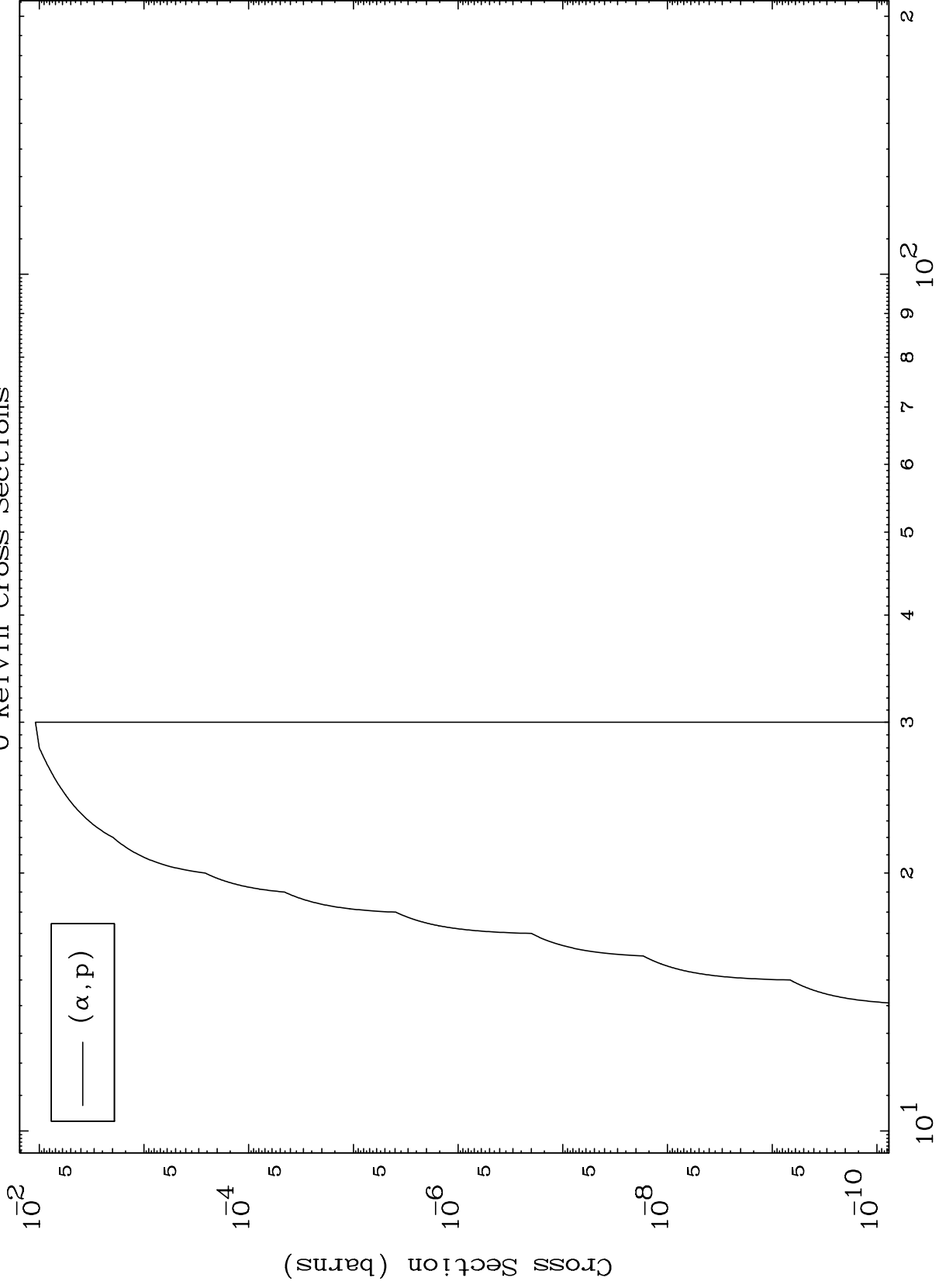
Incident Energy (MeV)

84-Po-200

MAT 8407

(α, p) Levels
0 Kelvin Cross Sections

84-Po-200



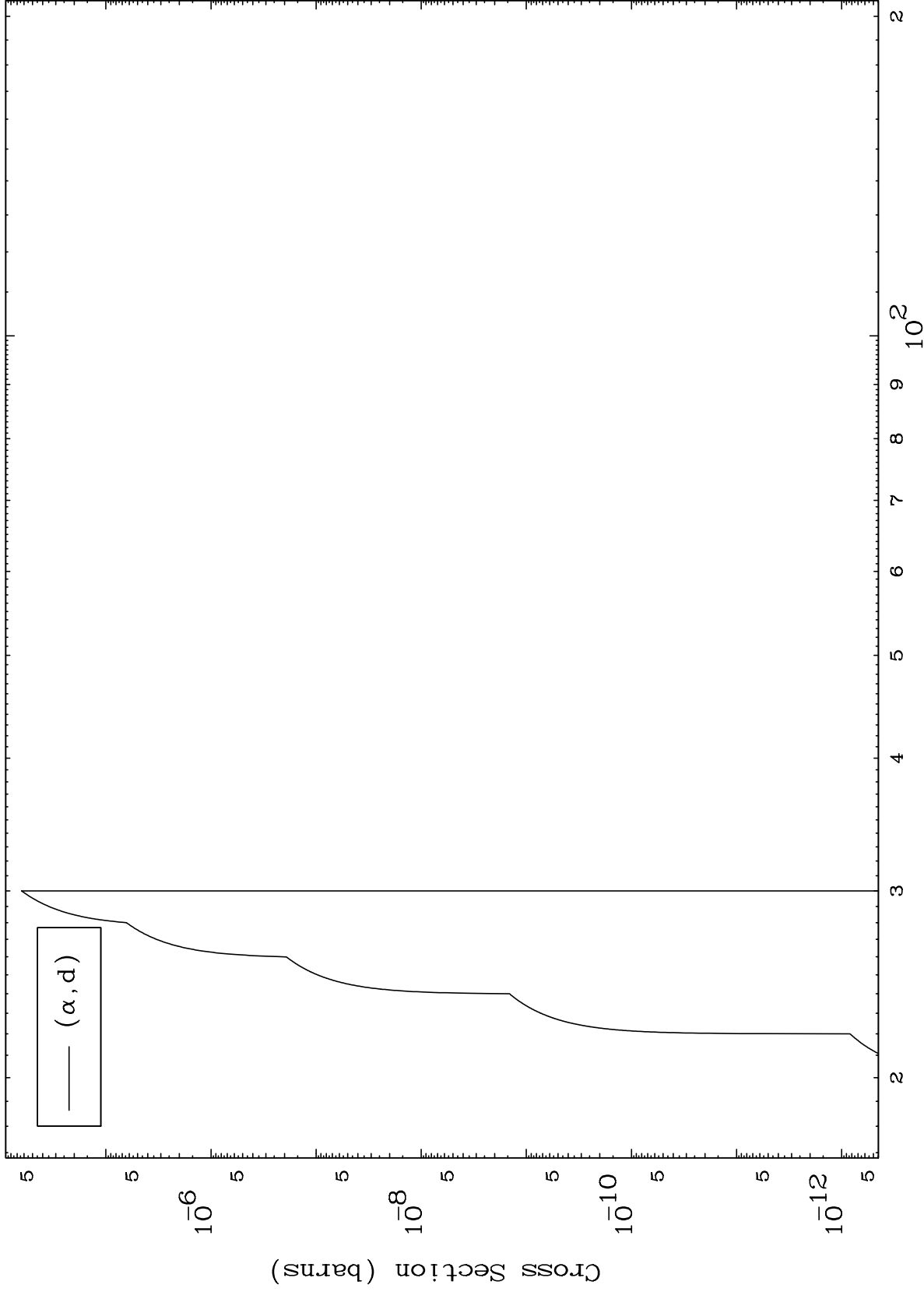
Incident Energy (MeV)

84-Po-200

MAT 8407

(α, d) Levels
0 Kelvin Cross Sections

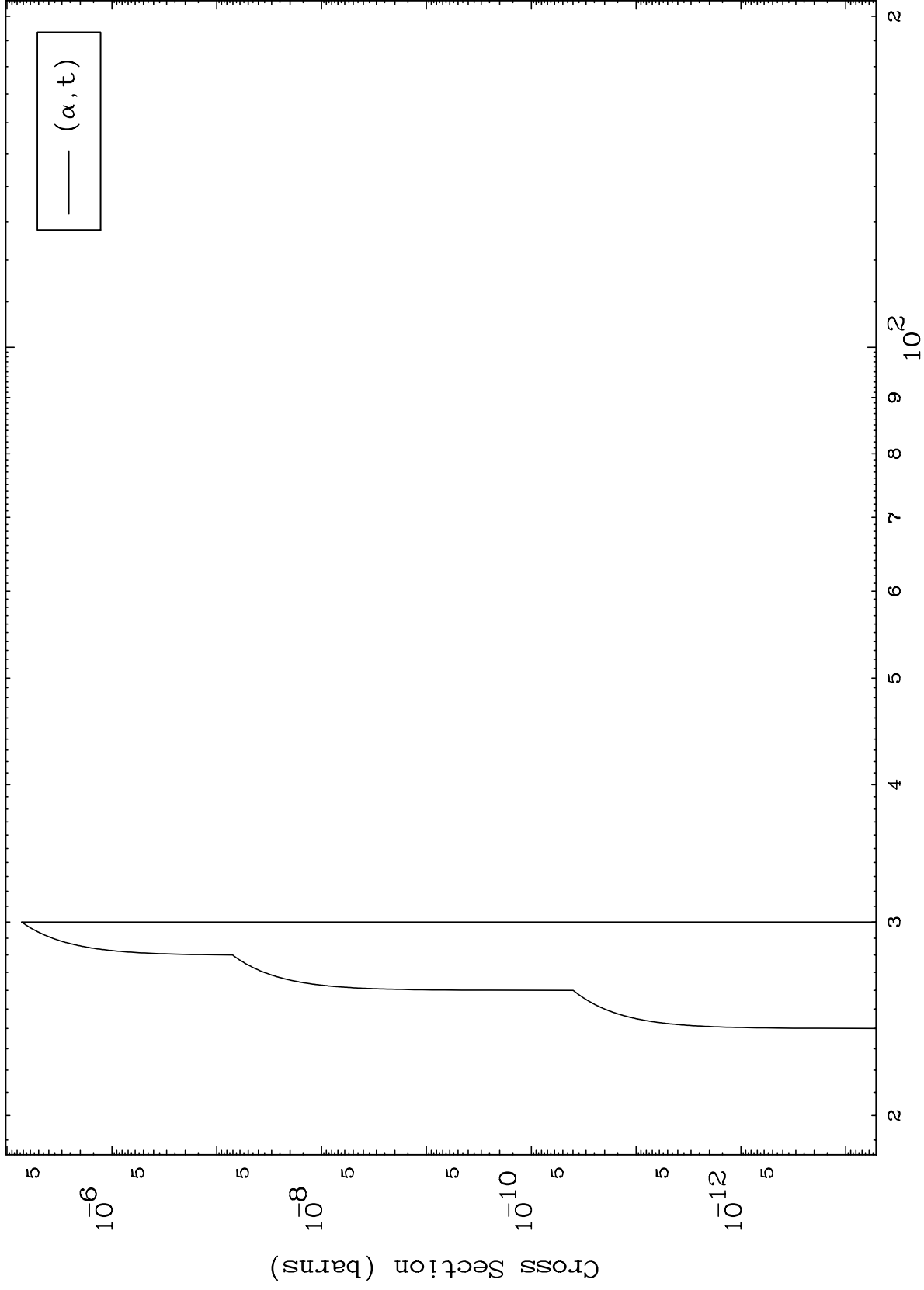
84-Po-200



MAT 8407

(α, t) Levels
0 Kelvin Cross Sections

84-Po-200



7

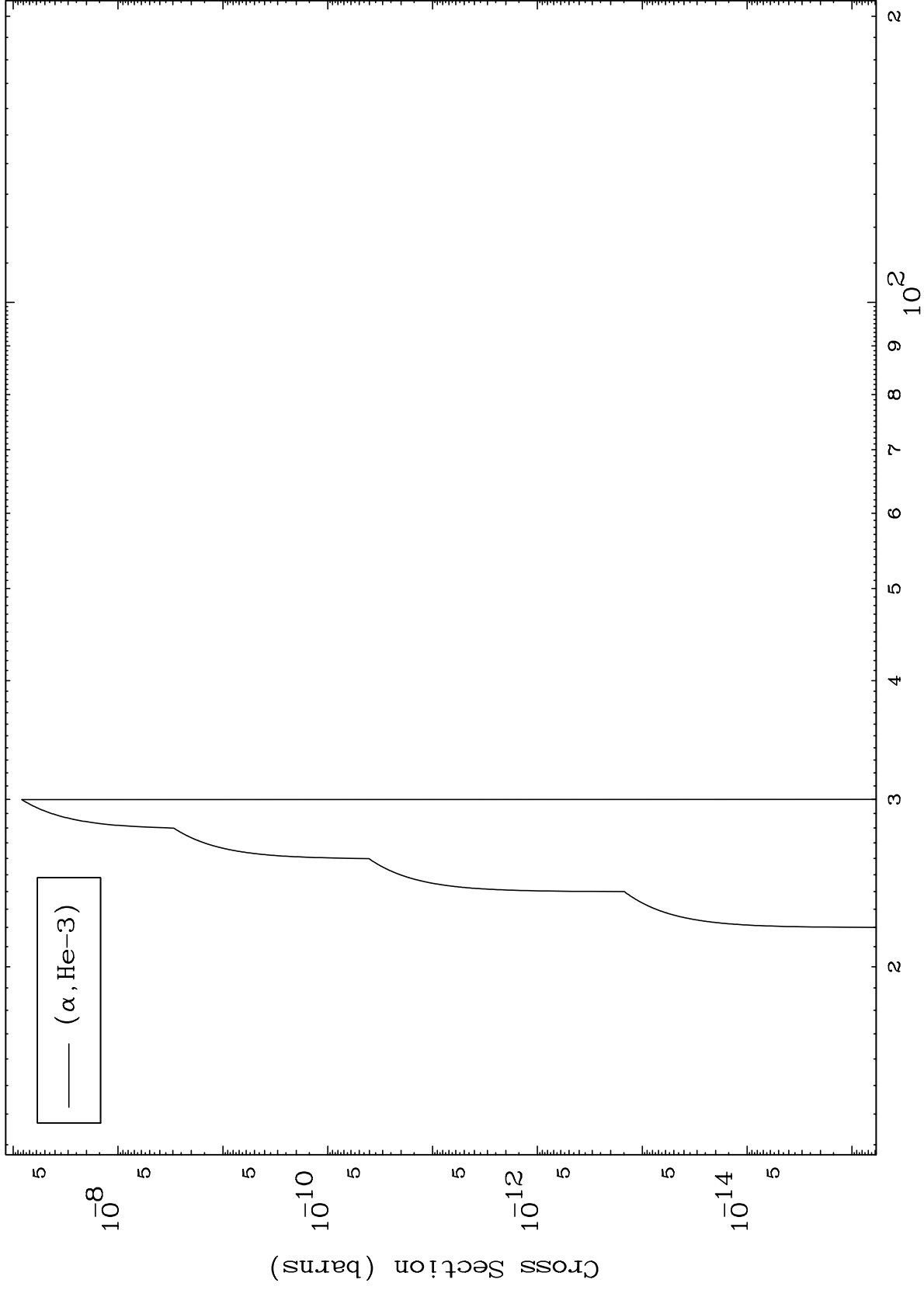
Incident Energy (MeV)

84-Po-200

MAT 8407

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

84-Po-200



8

Incident Energy (MeV)

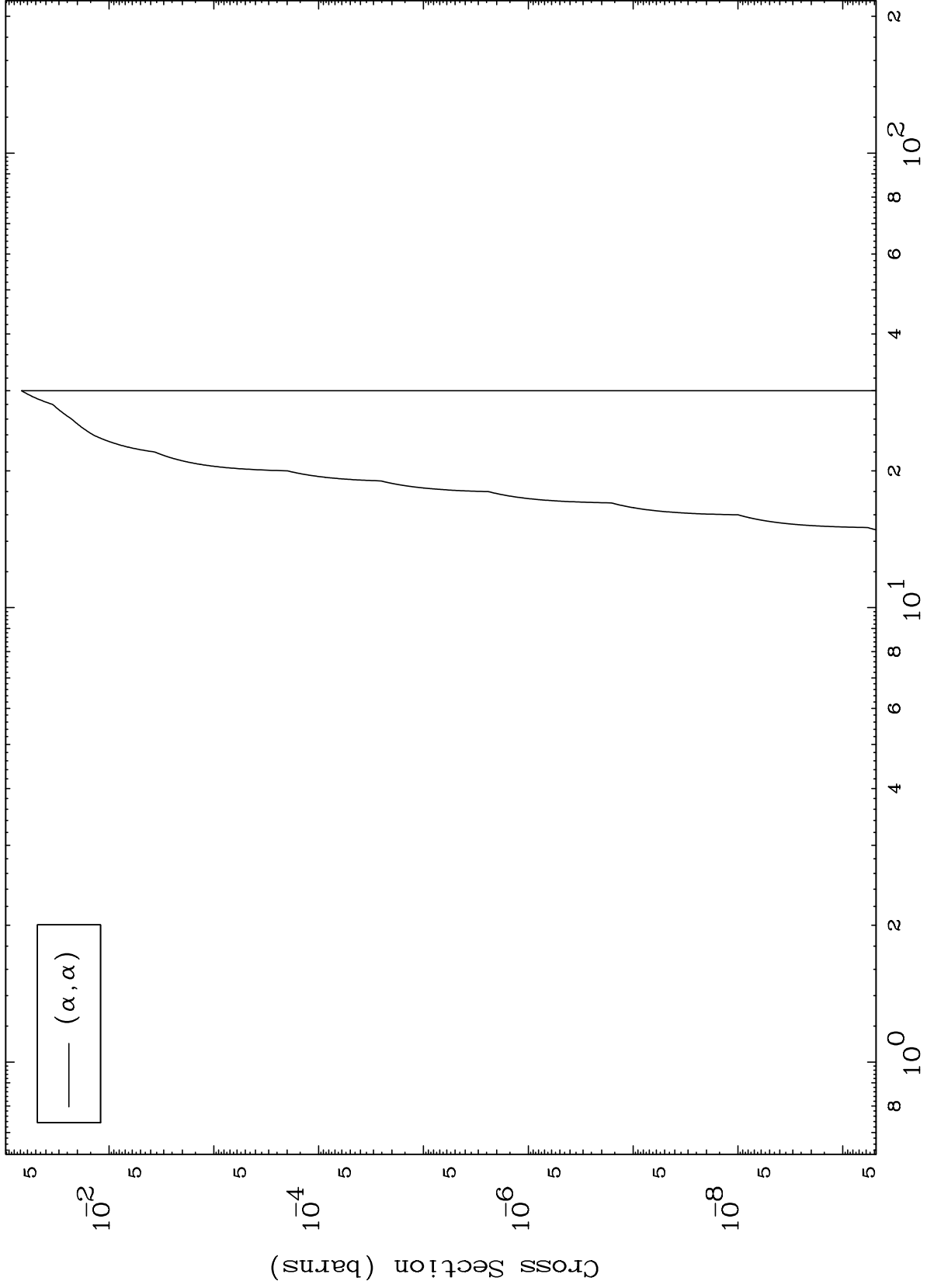
84-Po-200

MAT 8407

(α, α) Levels

84-Po-200

0 Kelvin Cross Sections



9

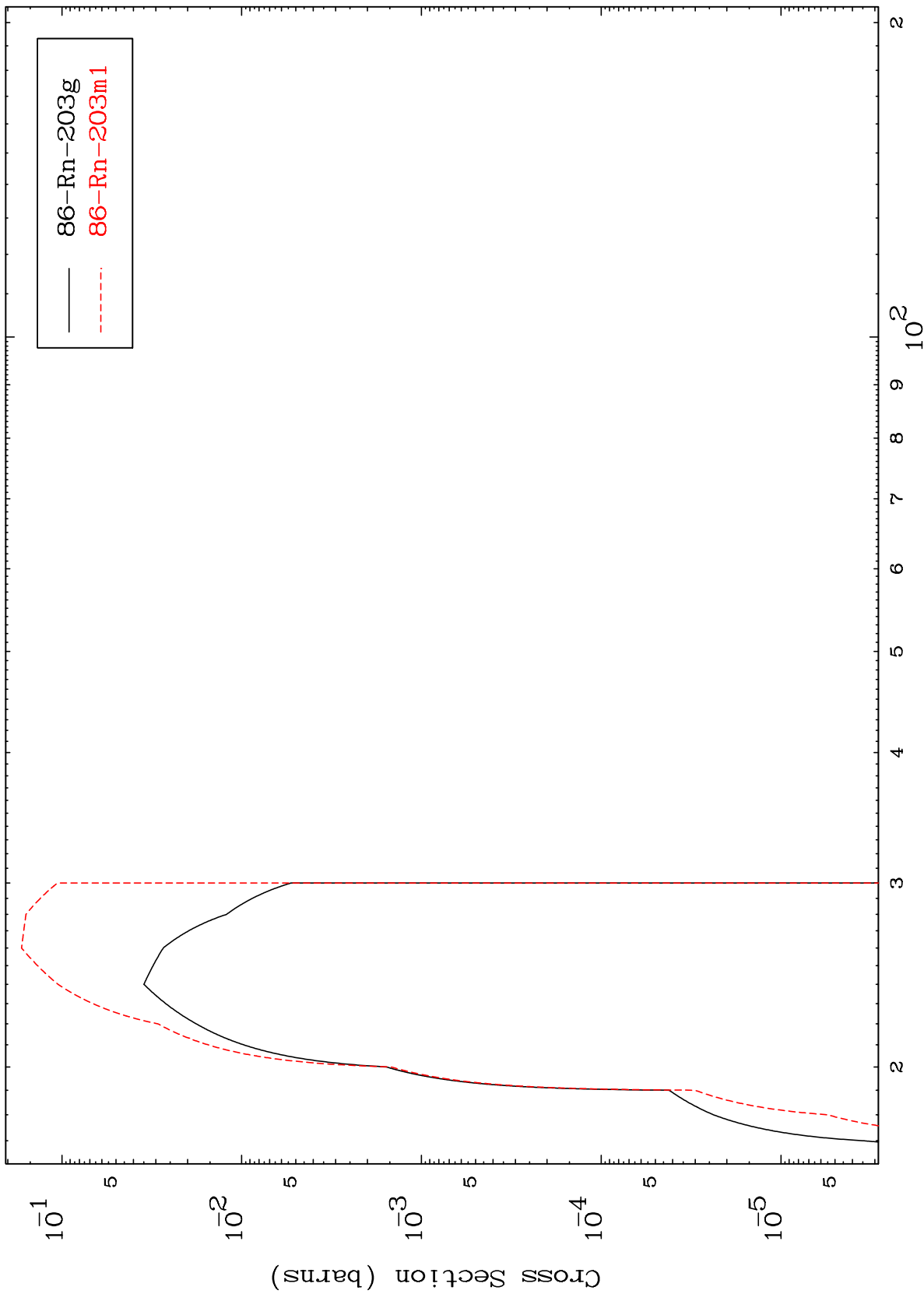
Incident Energy (MeV)

84-Po-200

MAT 8407

84-Po-200

α Inelastic
Radionuclide Production Cross Section



84-Po-200

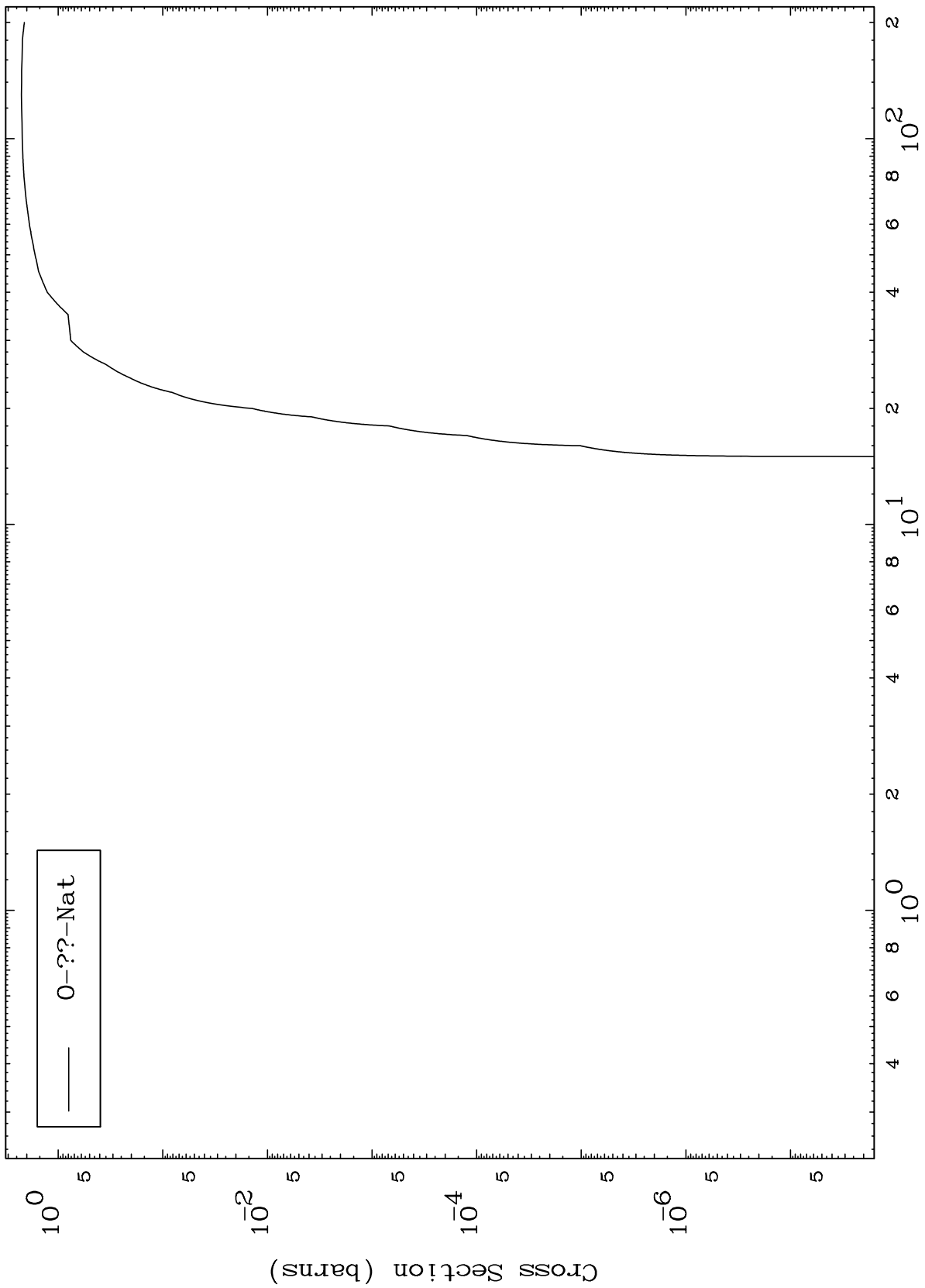
Incident Energy (MeV)

10

MAT 8407

84-Po-200

α Fission
Radionuclide Production Cross Section

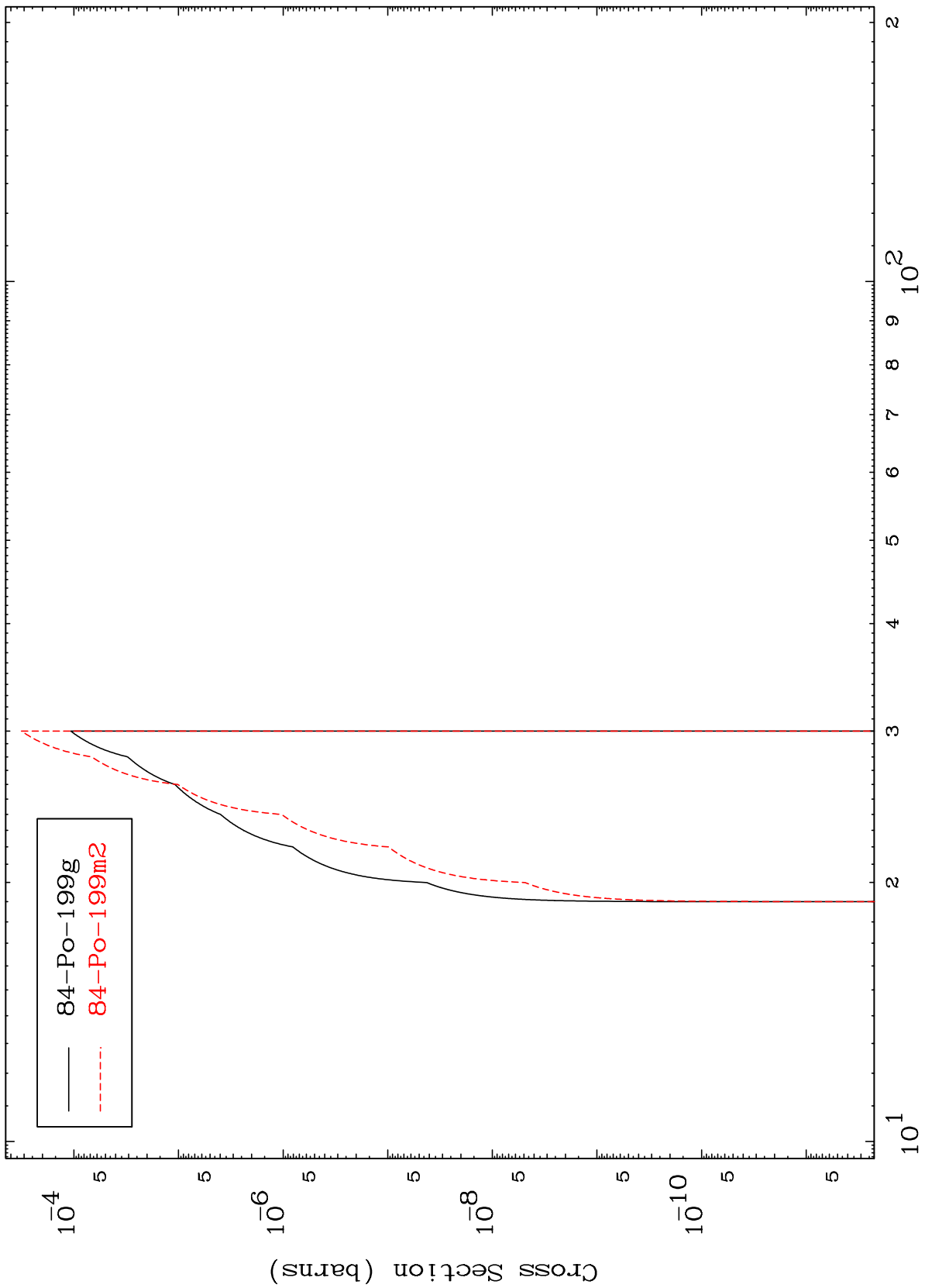


MAT 8407

(α, n') α

84-Po-200

Radionuclide Production Cross Section



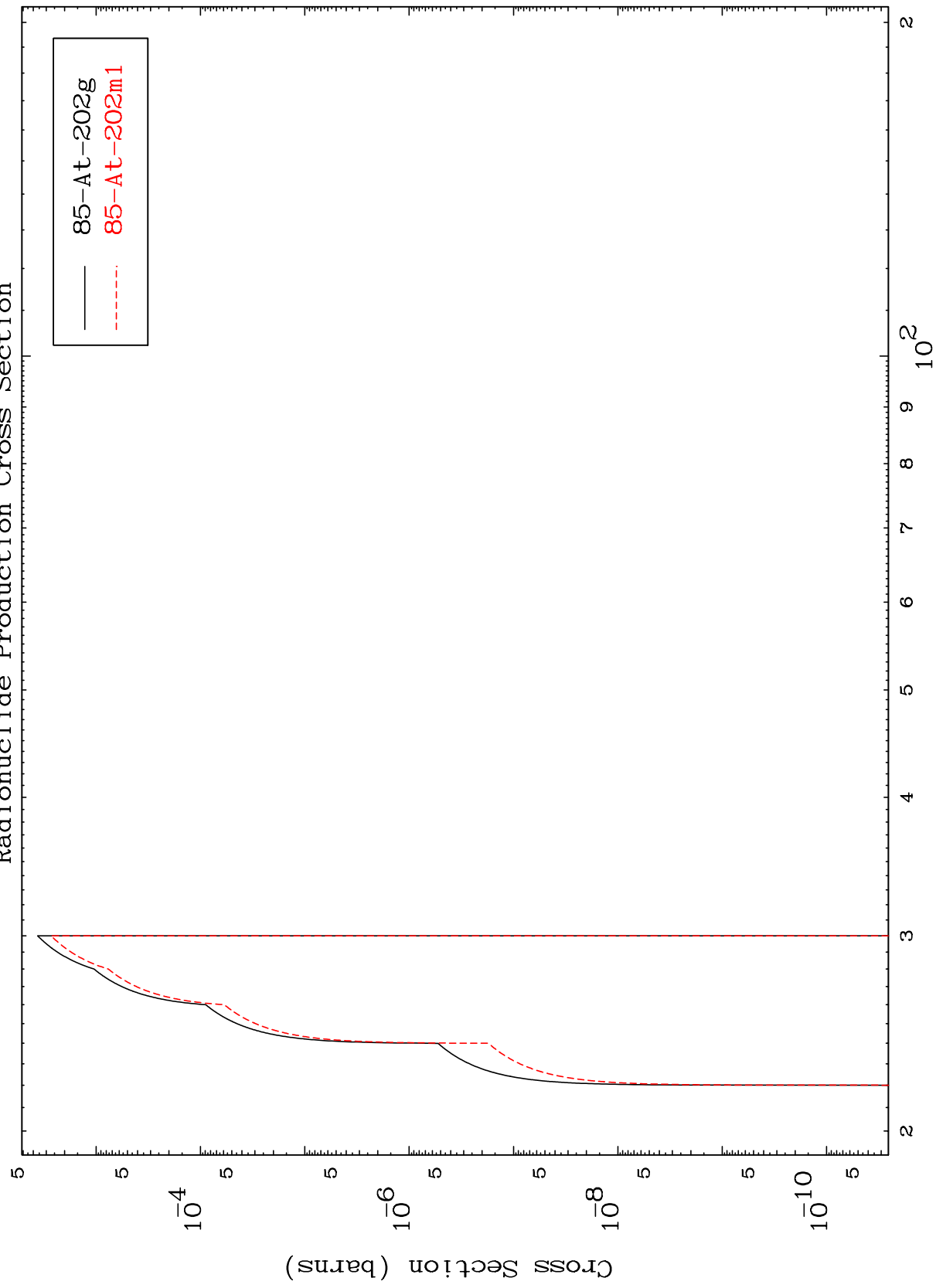
Incident Energy (MeV)

84-Po-200

MAT 8407

84-Po-200

(α, n') p
Radionuclide Production Cross Section



84-Po-200

Incident Energy (MeV)

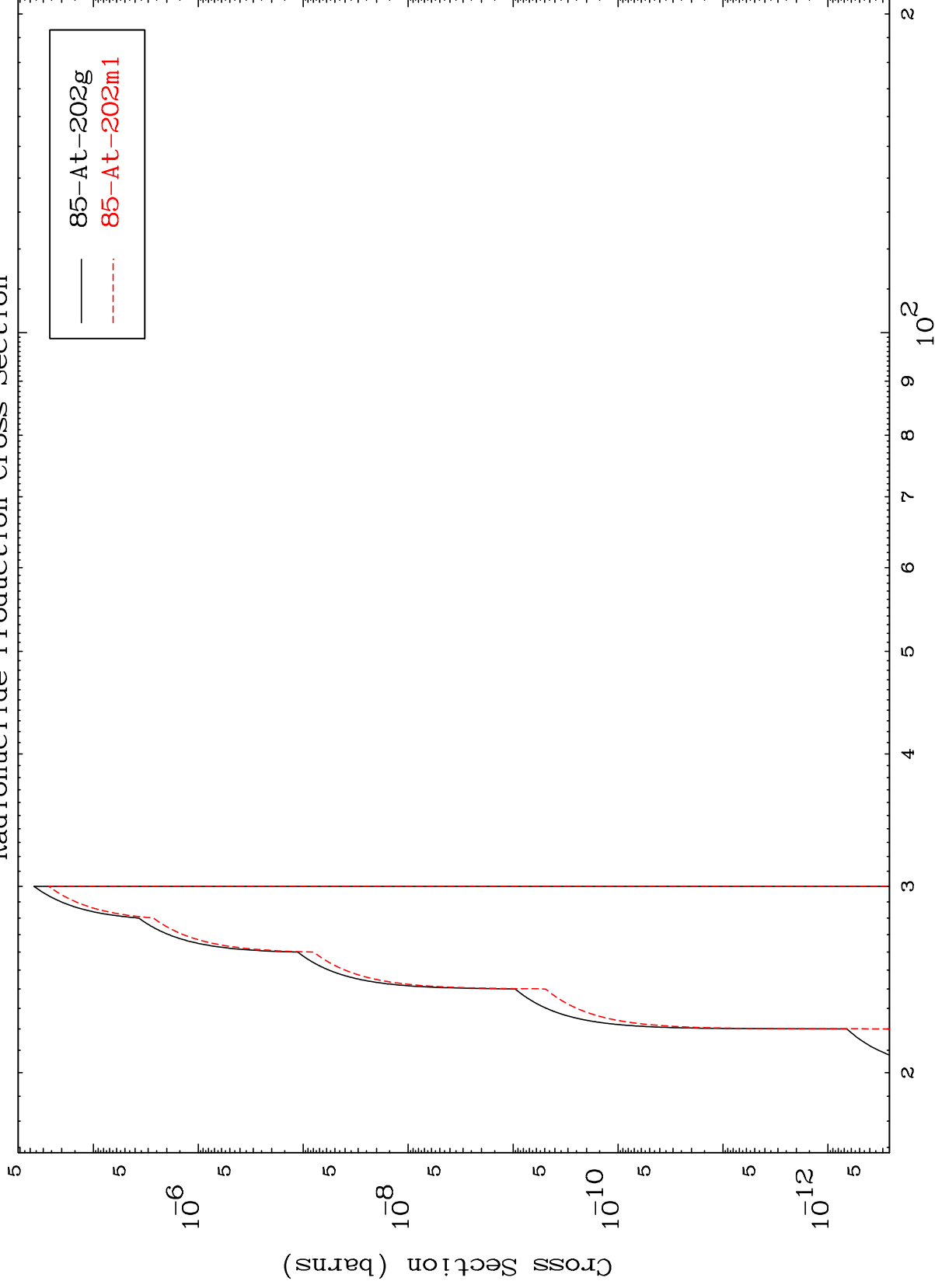
13

MAT 8407

(α, d)

84-Po-200

Radionuclide Production Cross Section



14

Incident Energy (MeV)

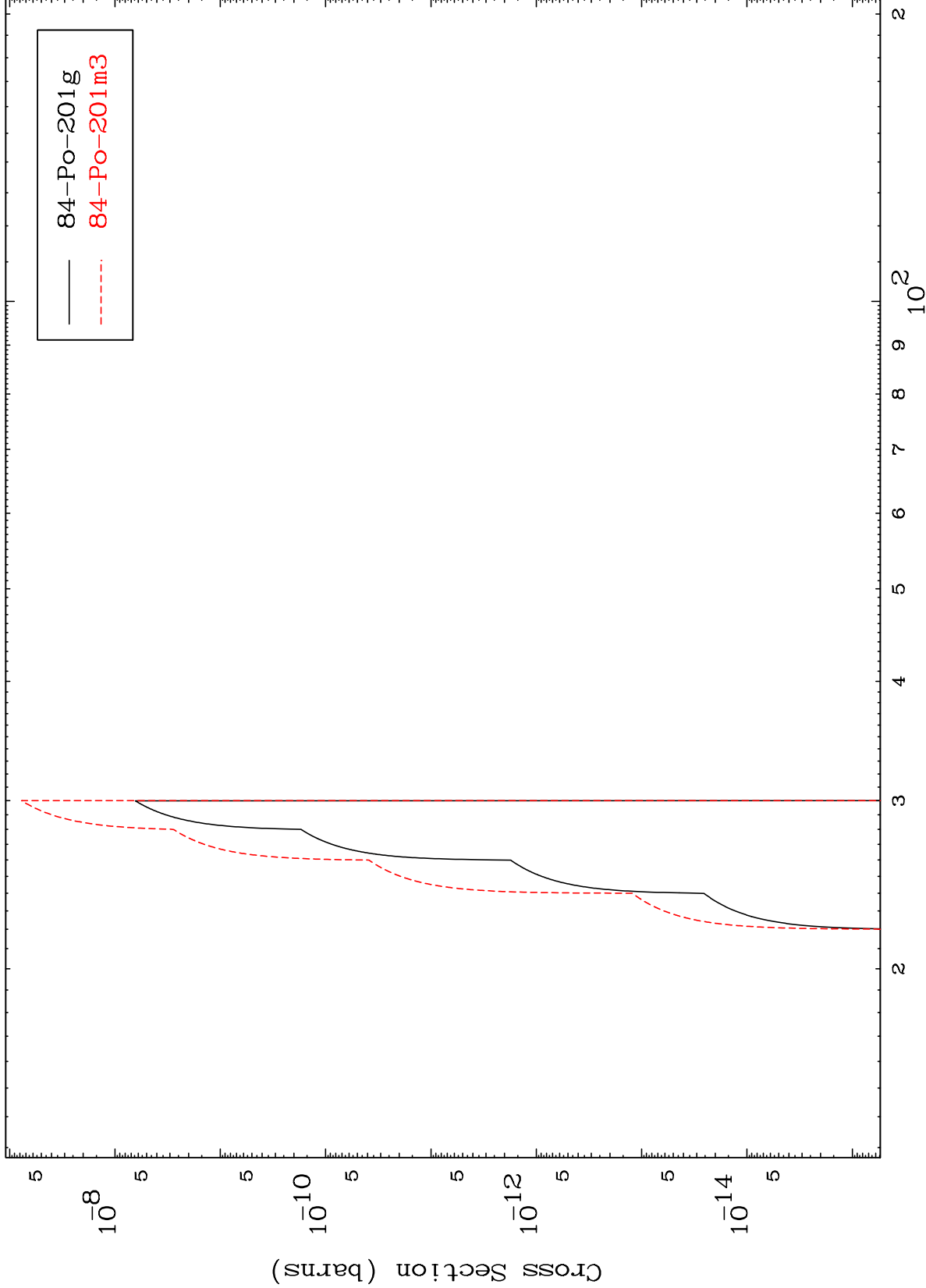
84-Po-200

MAT 8407

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

84-Po-200

Radionuclide Production Cross Section



15

Incident Energy (MeV)

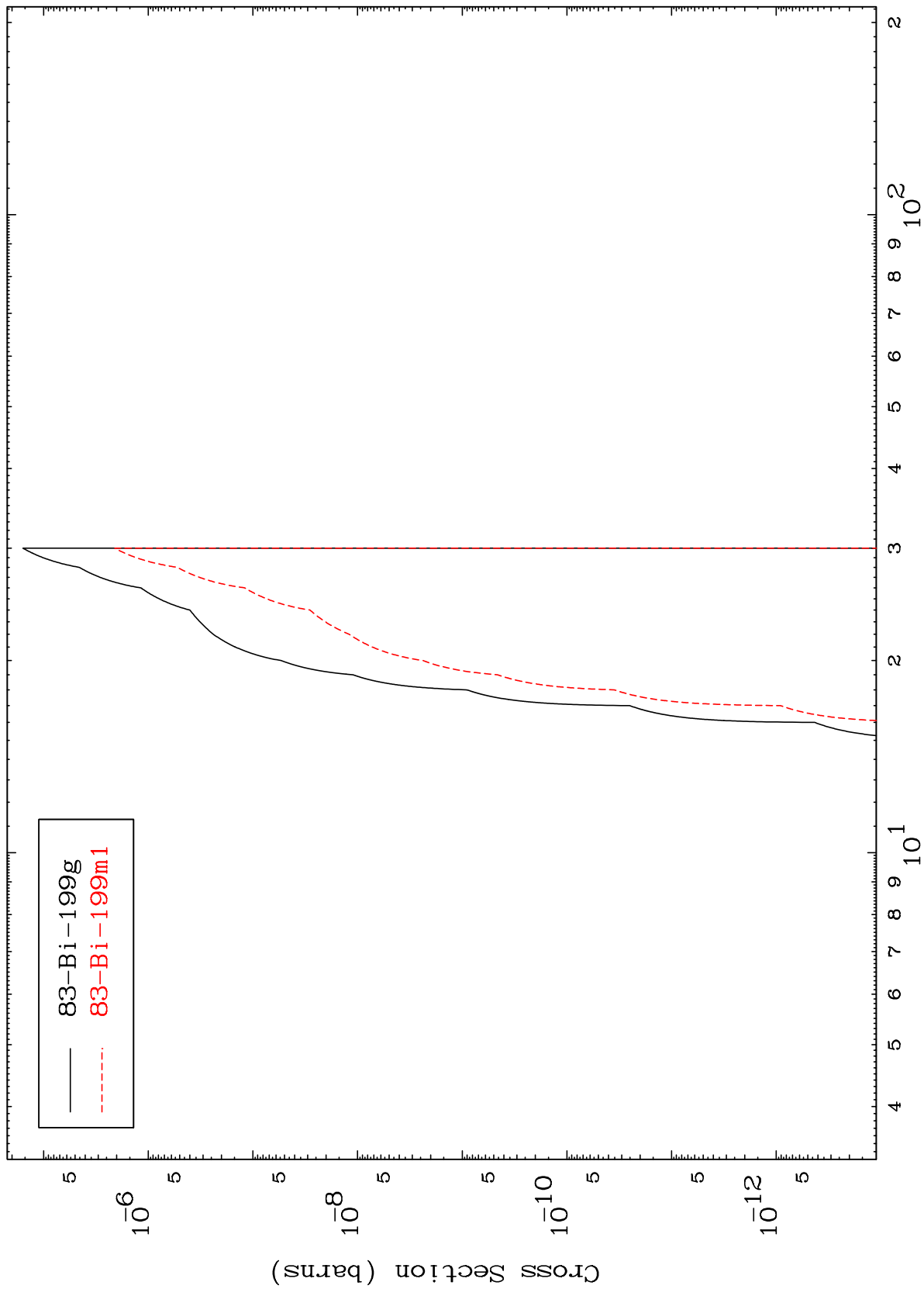
84-Po-200

MAT 8407

(α, p) α

84-Po-200

Radionuclide Production Cross Section



16

Incident Energy (MeV)

84-Po-200