

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

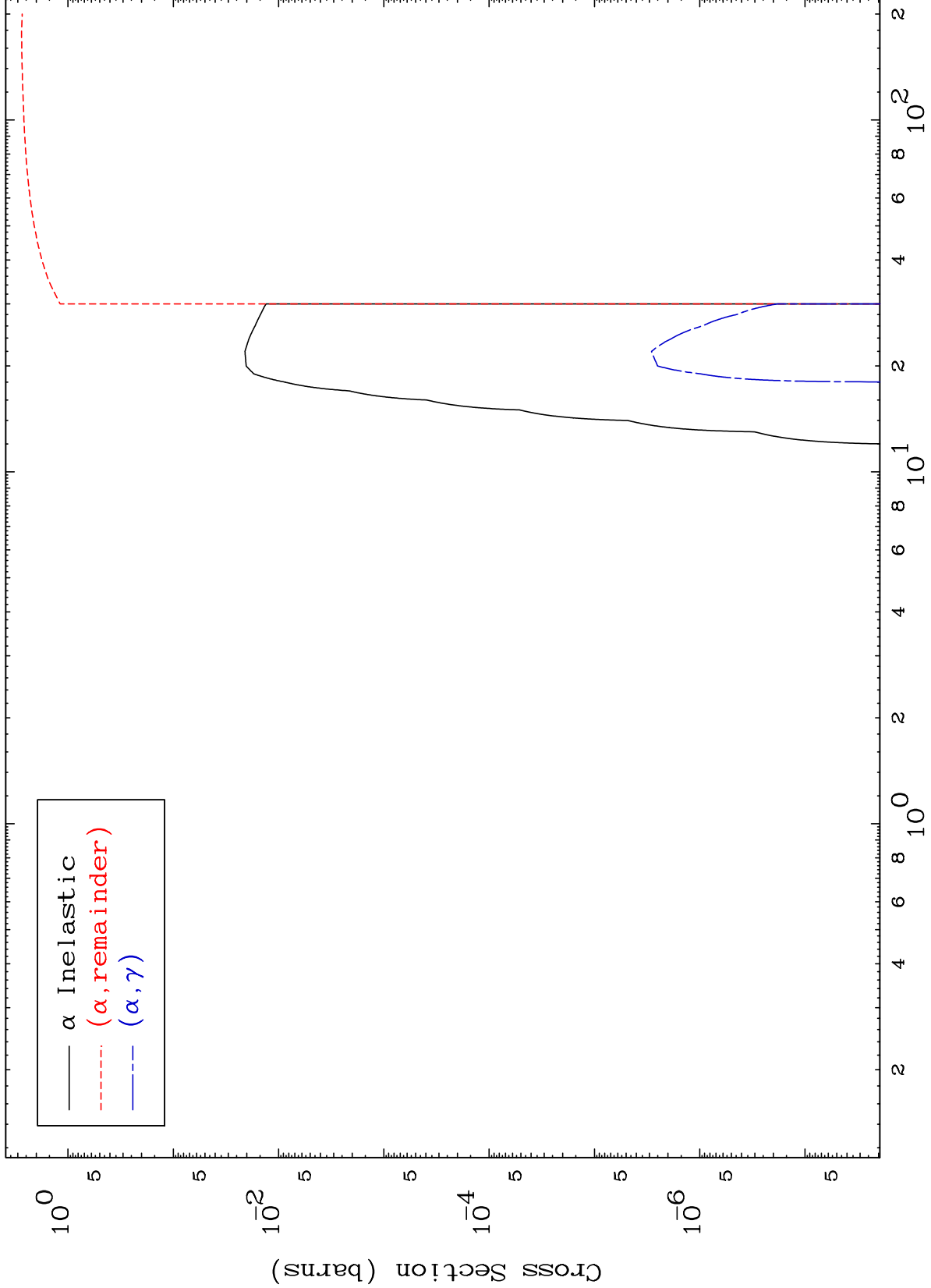
Press Mouse Button to Start

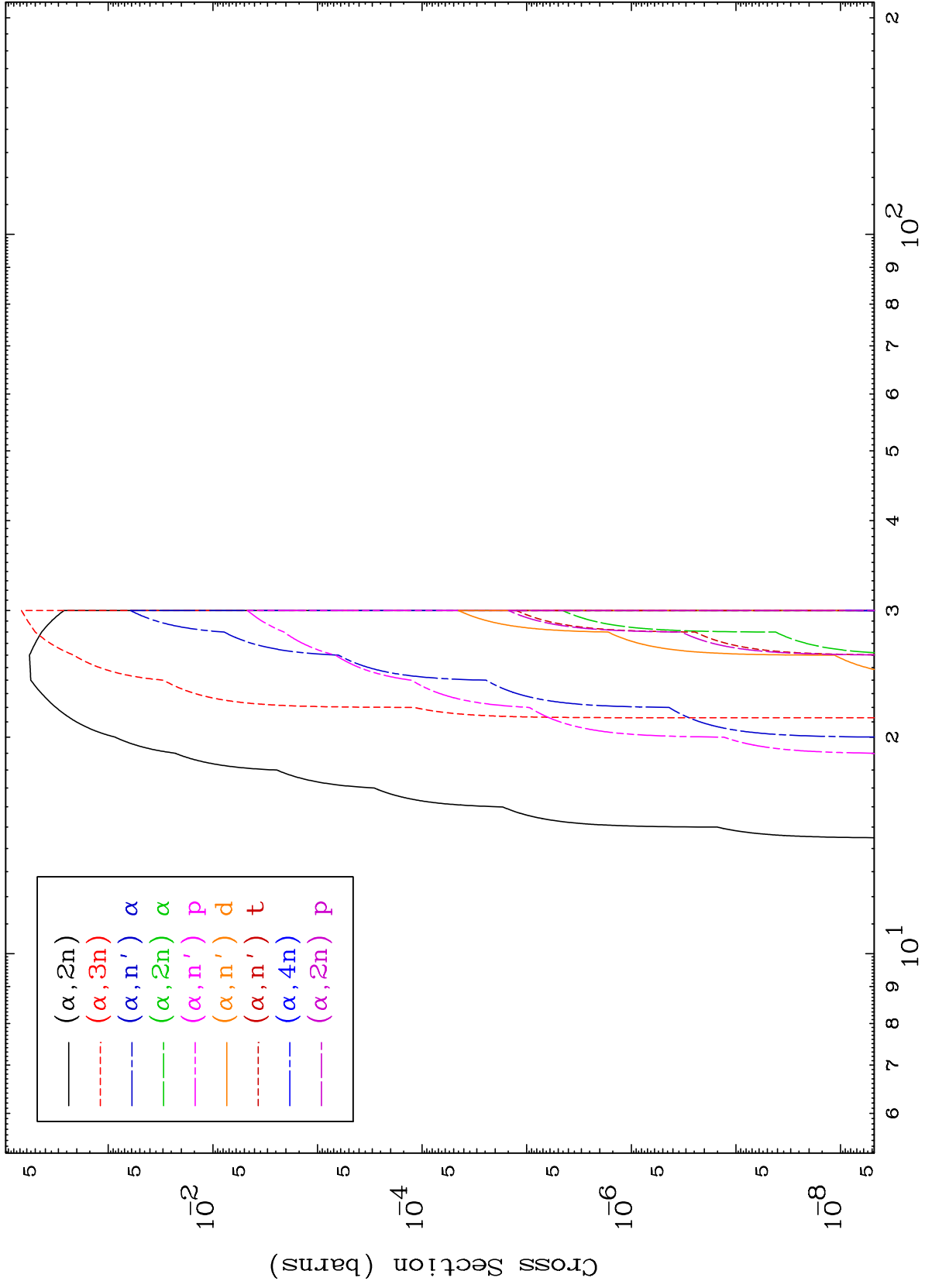
MAT 7847

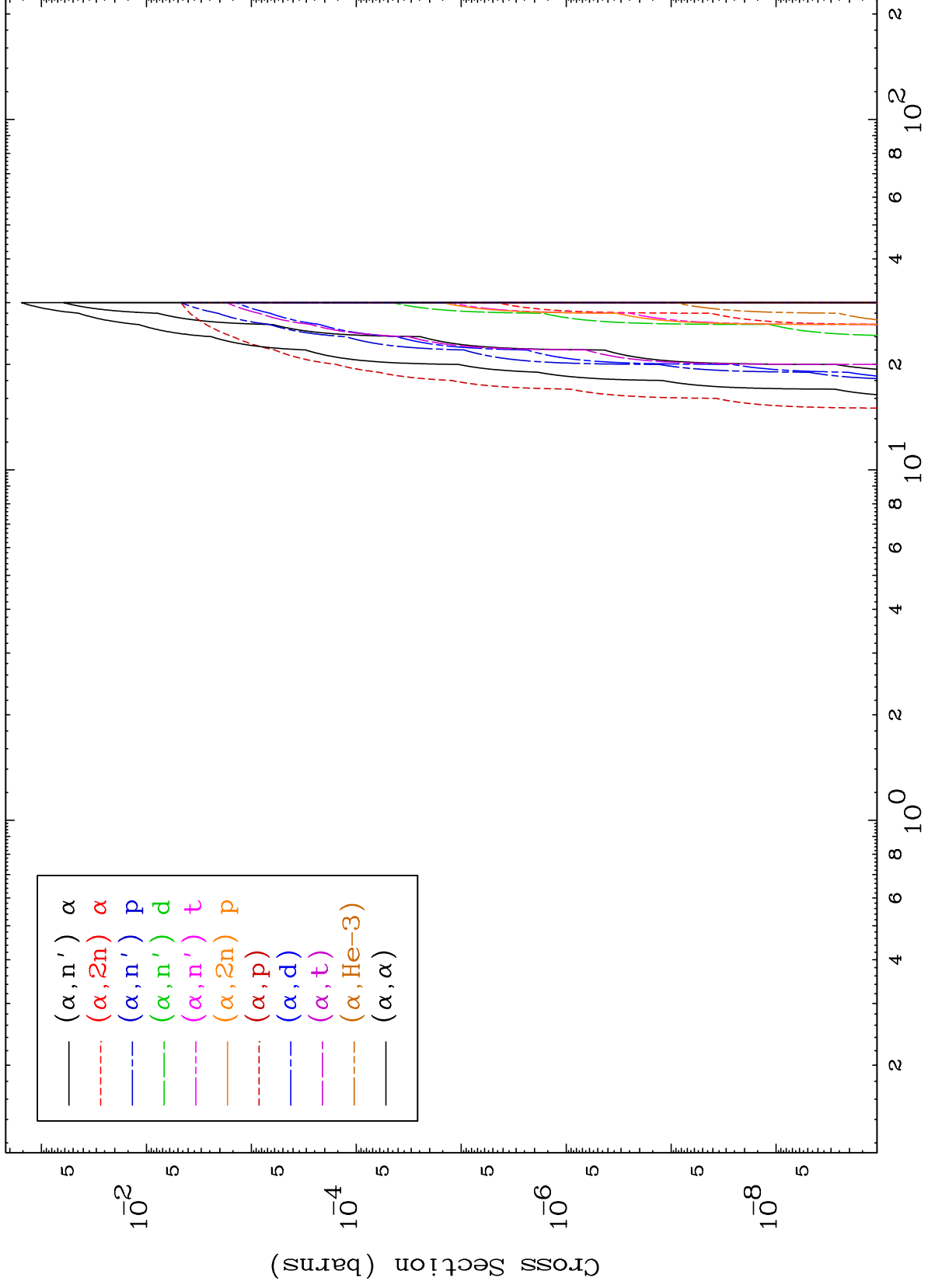
α Major

78-Pt-197

0 Kelvin Cross Sections



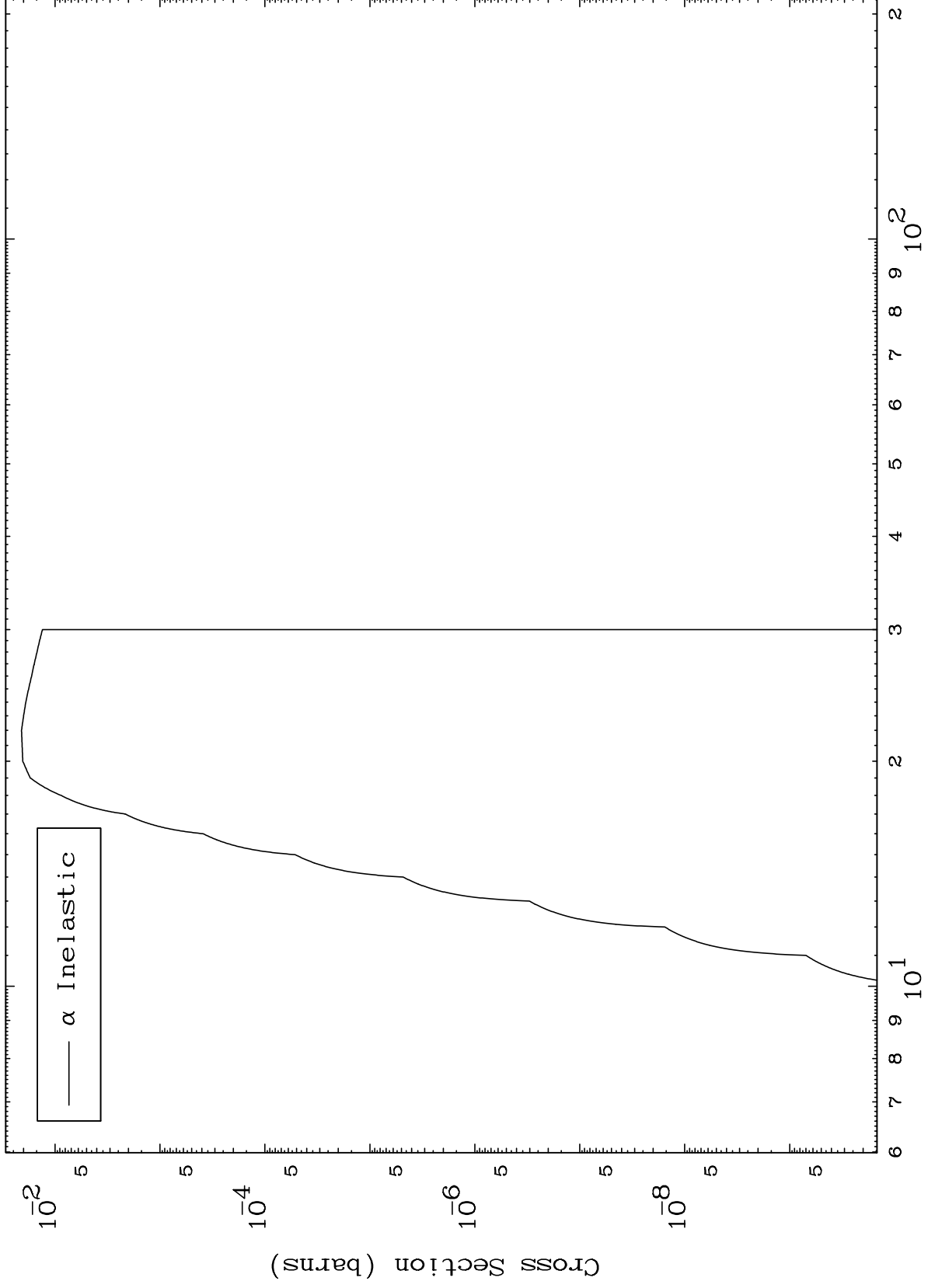




MAT 7847

(α, n') Level
0 Kelvin Cross Sections

78-Pt-197

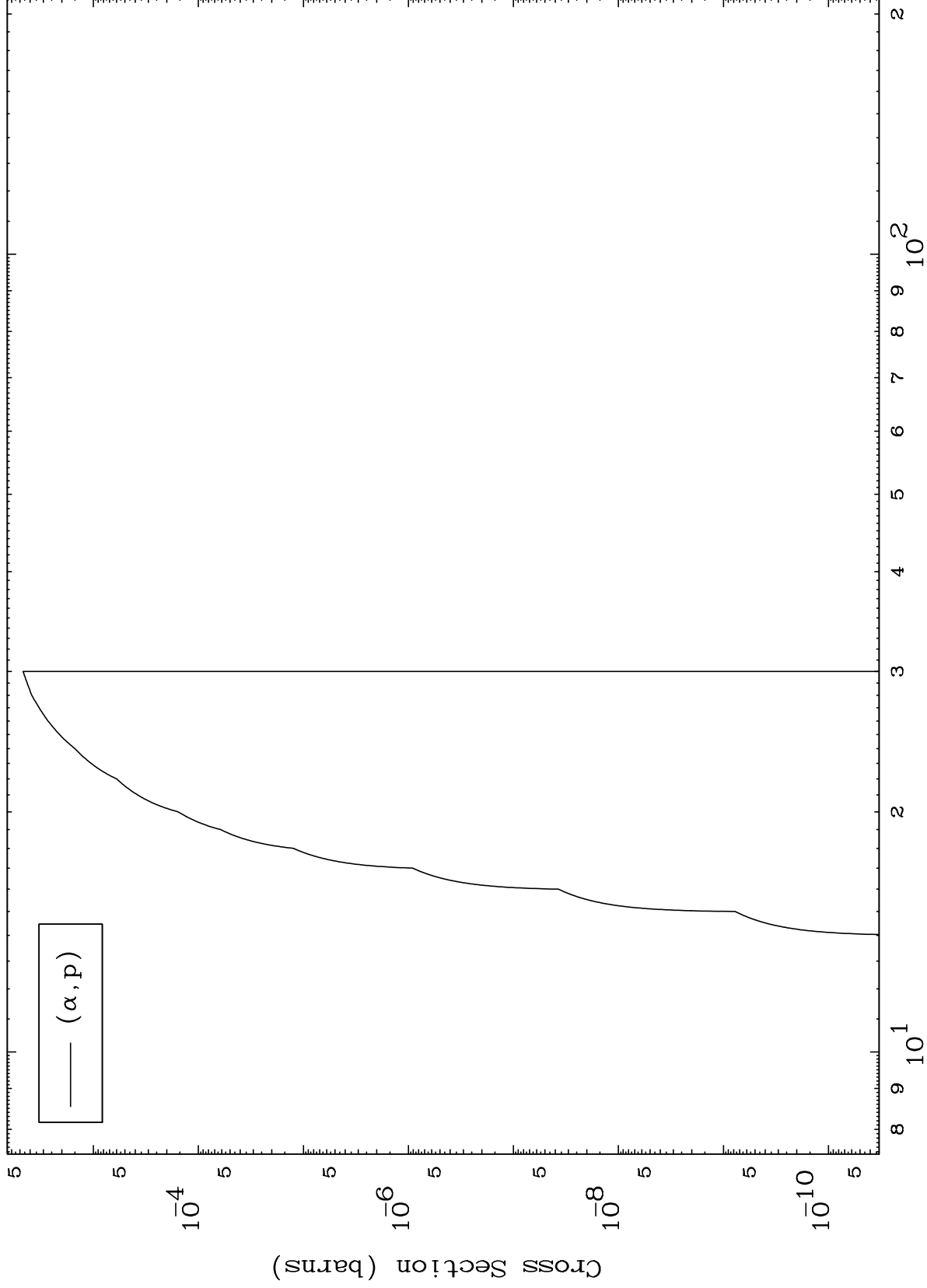


MAT 7847

(α, p) Levels

78-Pt-197

0 Kelvin Cross Sections



Incident Energy (MeV)

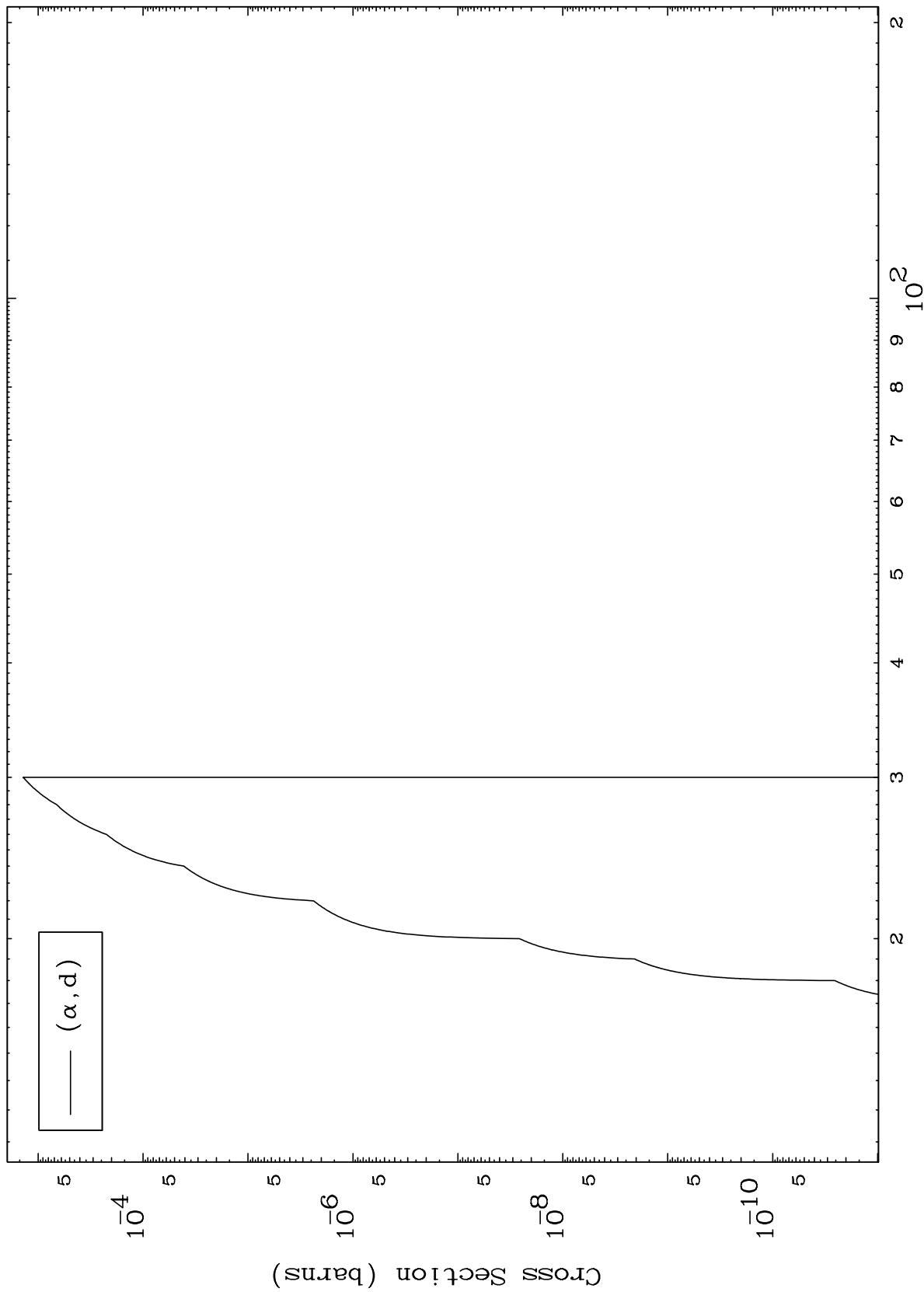
78-Pt-197

5

MAT 7847

78-Pt-197

(α, d) Levels
0 Kelvin Cross Sections



78-Pt-197

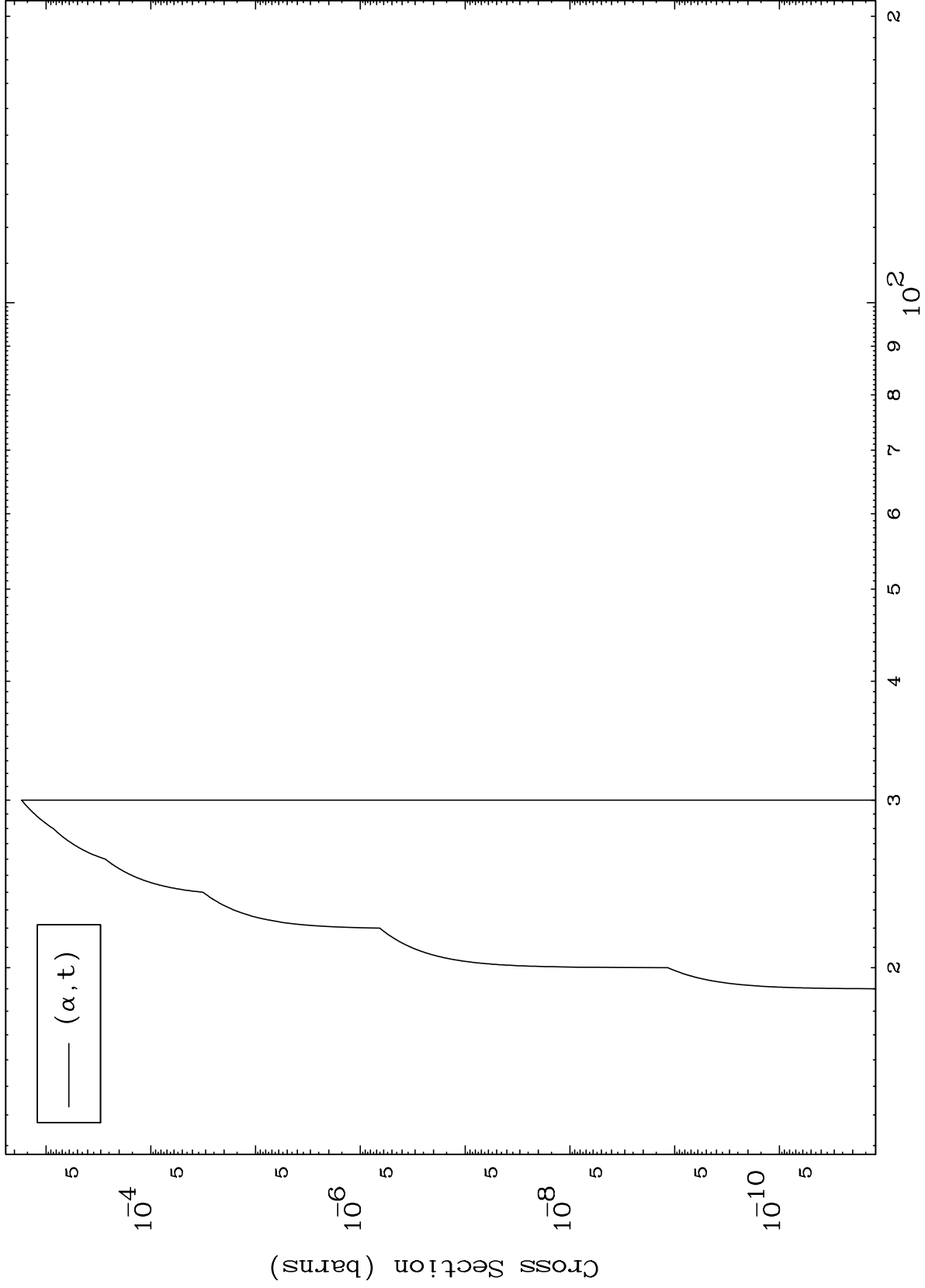
Incident Energy (MeV)

6

MAT 7847

(α, t) Levels
0 Kelvin Cross Sections

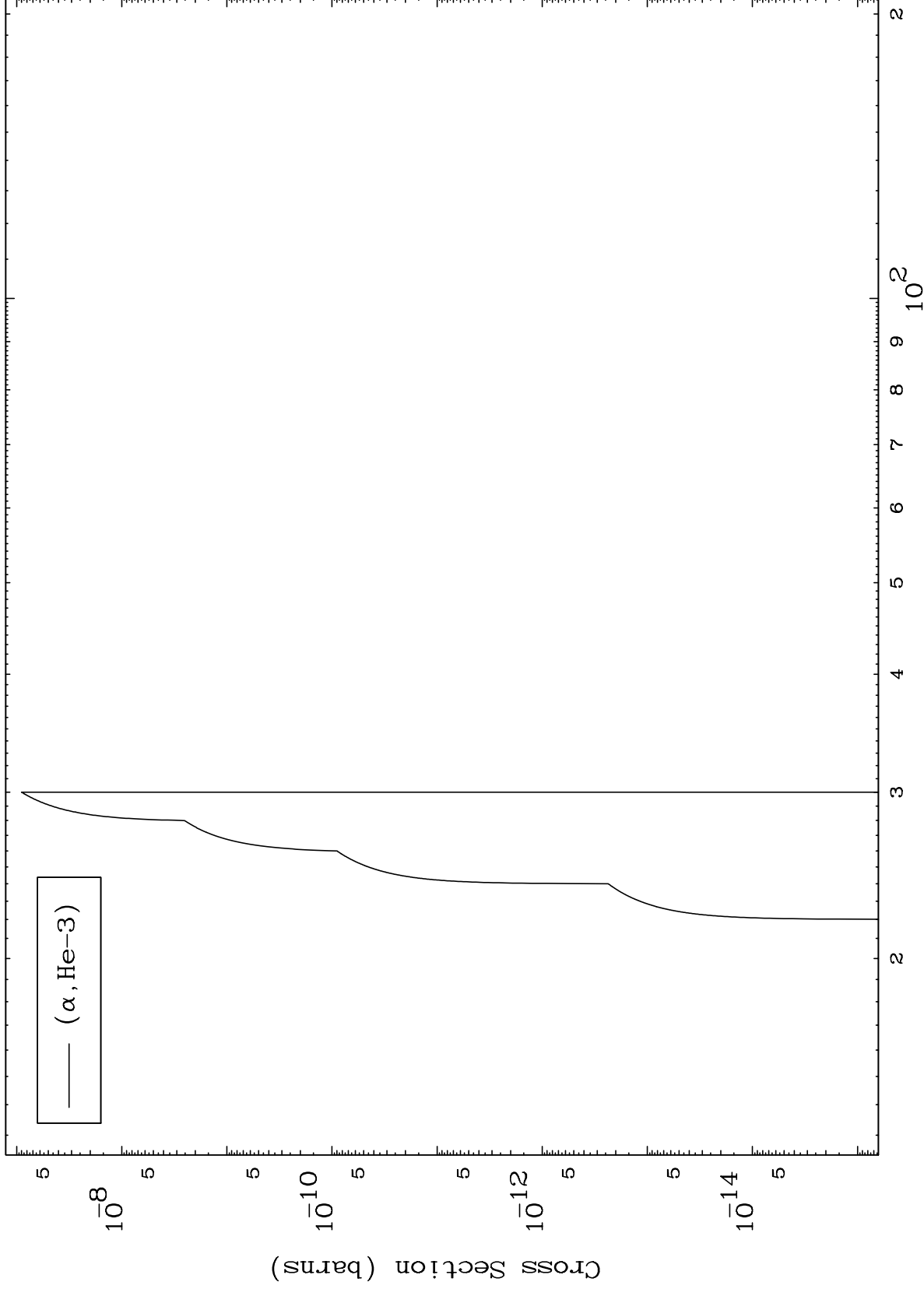
78-Pt-197



7

Incident Energy (MeV)

78-Pt-197

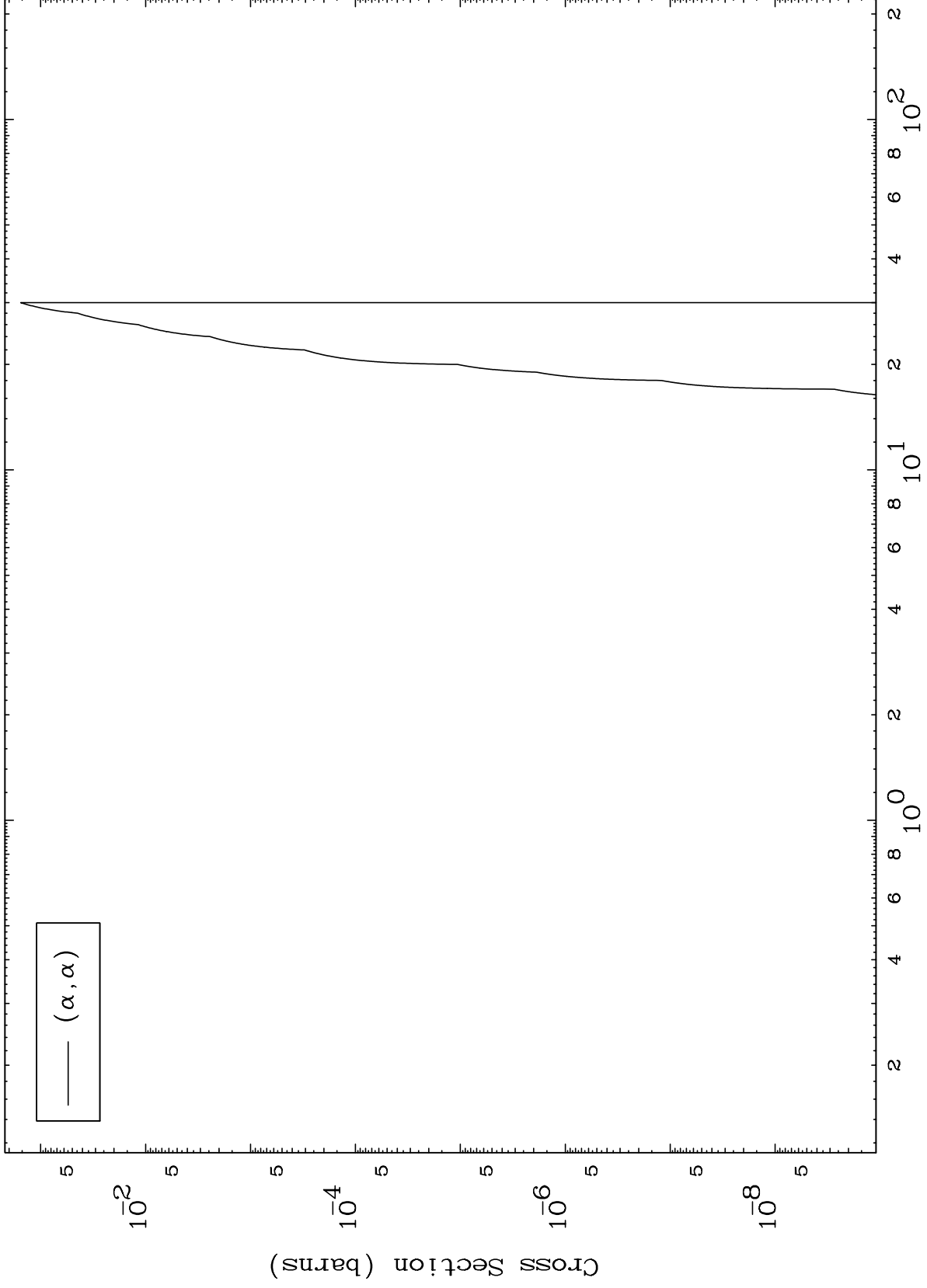


MAT 7847

(α, α) Levels

78-Pt-197

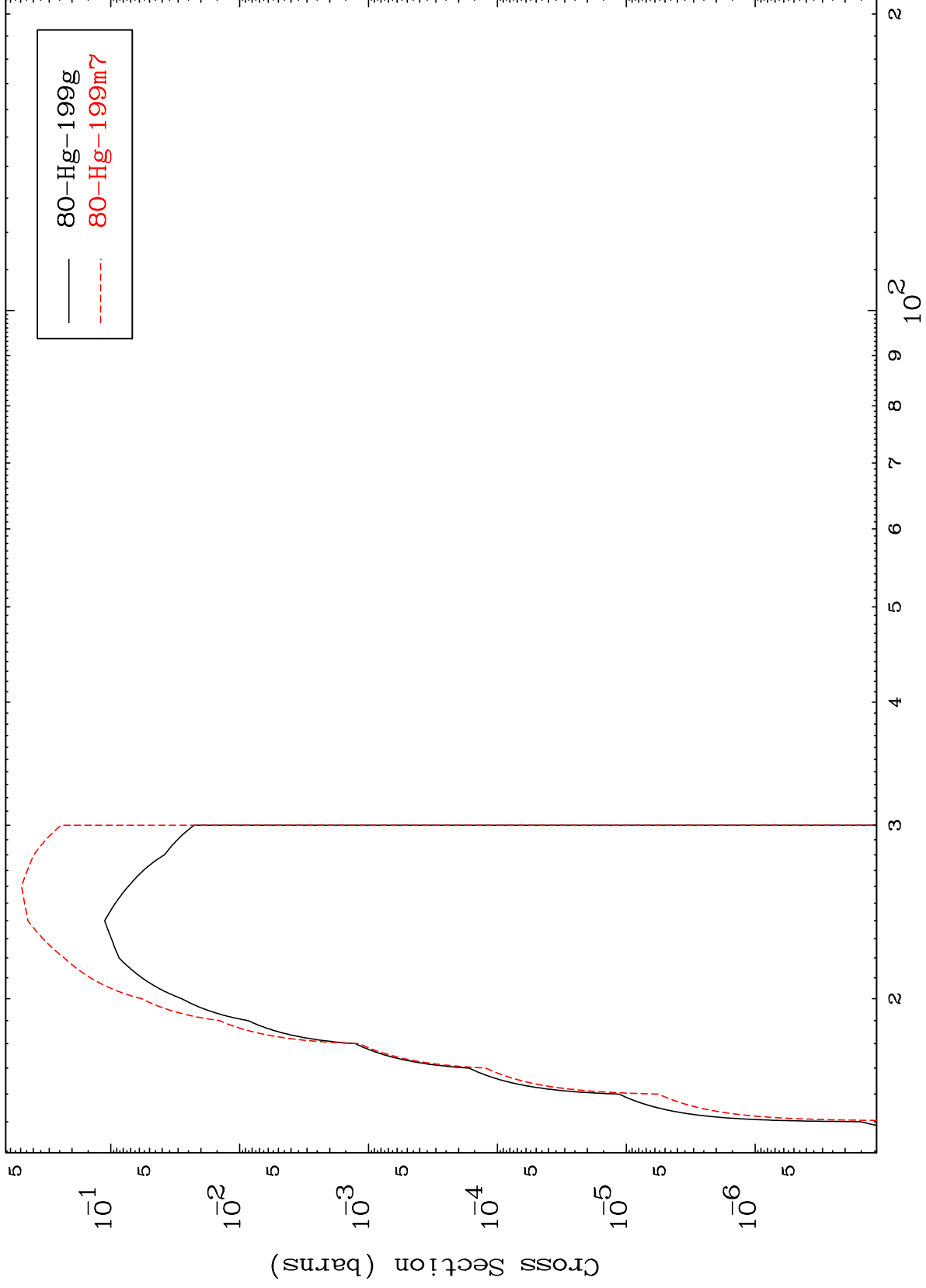
0 Kelvin Cross Sections



MAT 7847

78-Pt-197

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



10

Incident Energy (MeV)

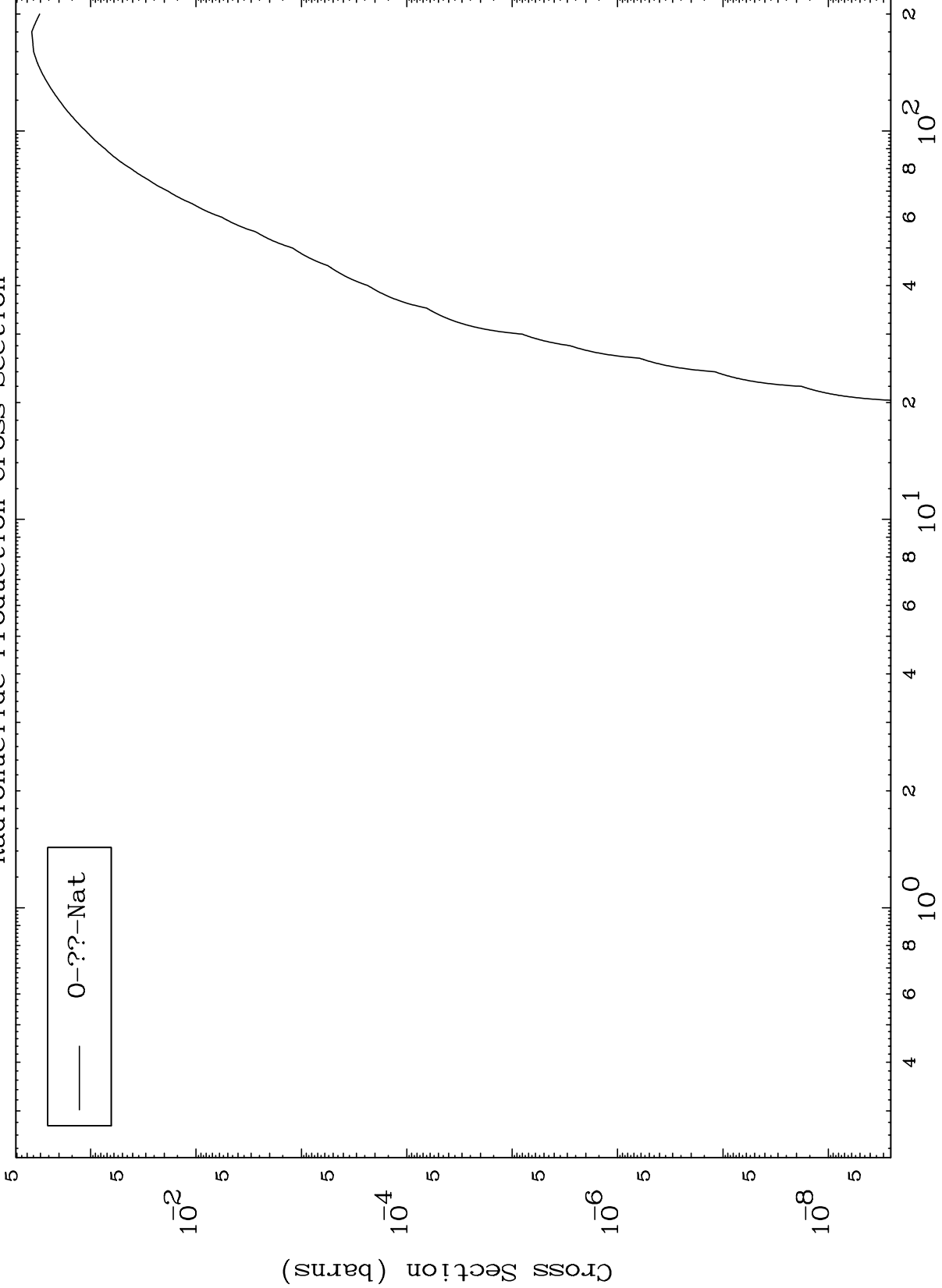
78-Pt-197

MAT 7847

α Fission

78-Pt-197

Radionuclide Production Cross Section



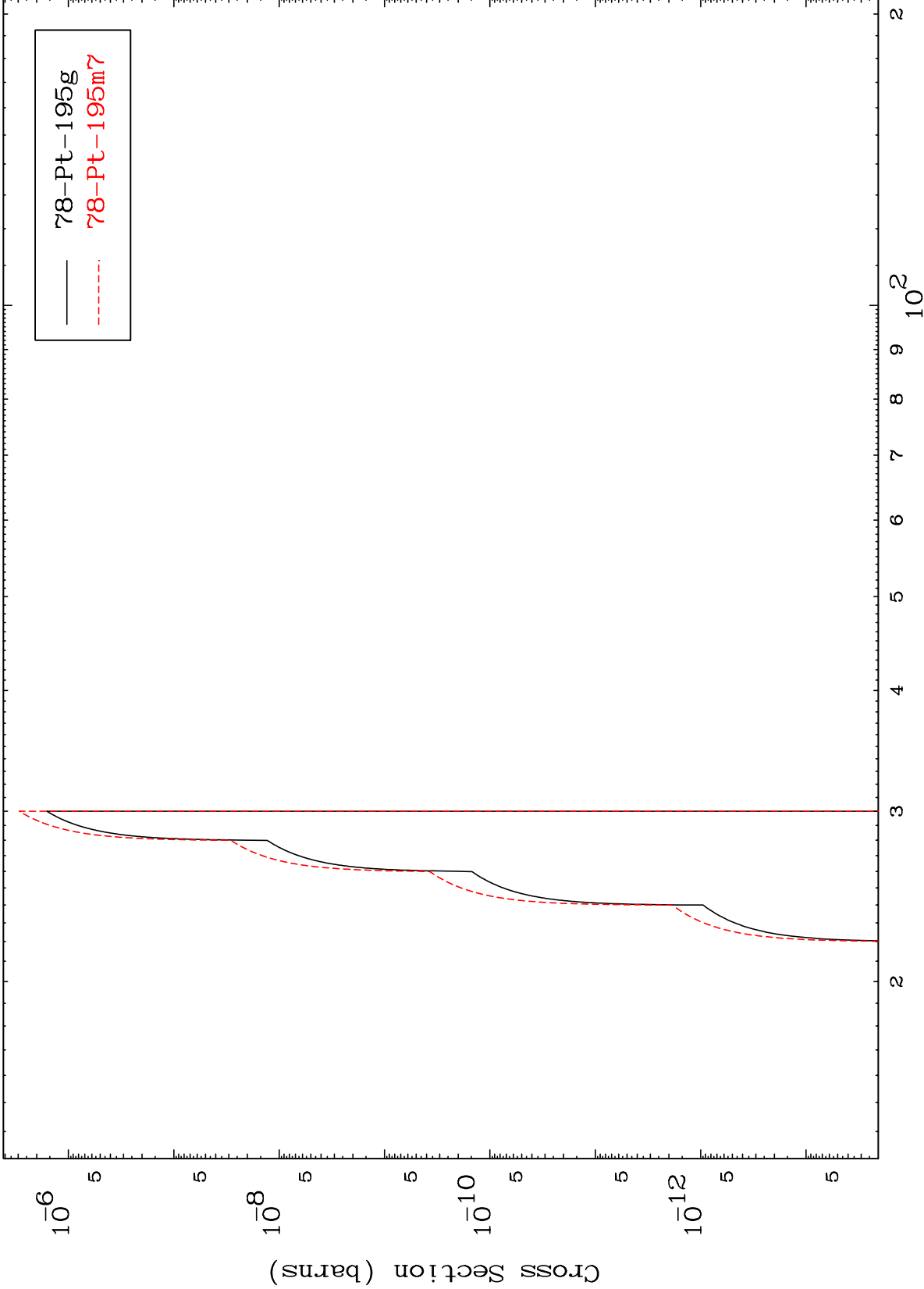
— O-??-Nat

MAT 7847

$(\alpha, 2n)$ α

78-Pt-197

Radionuclide Production Cross Section



12

Incident Energy (MeV)

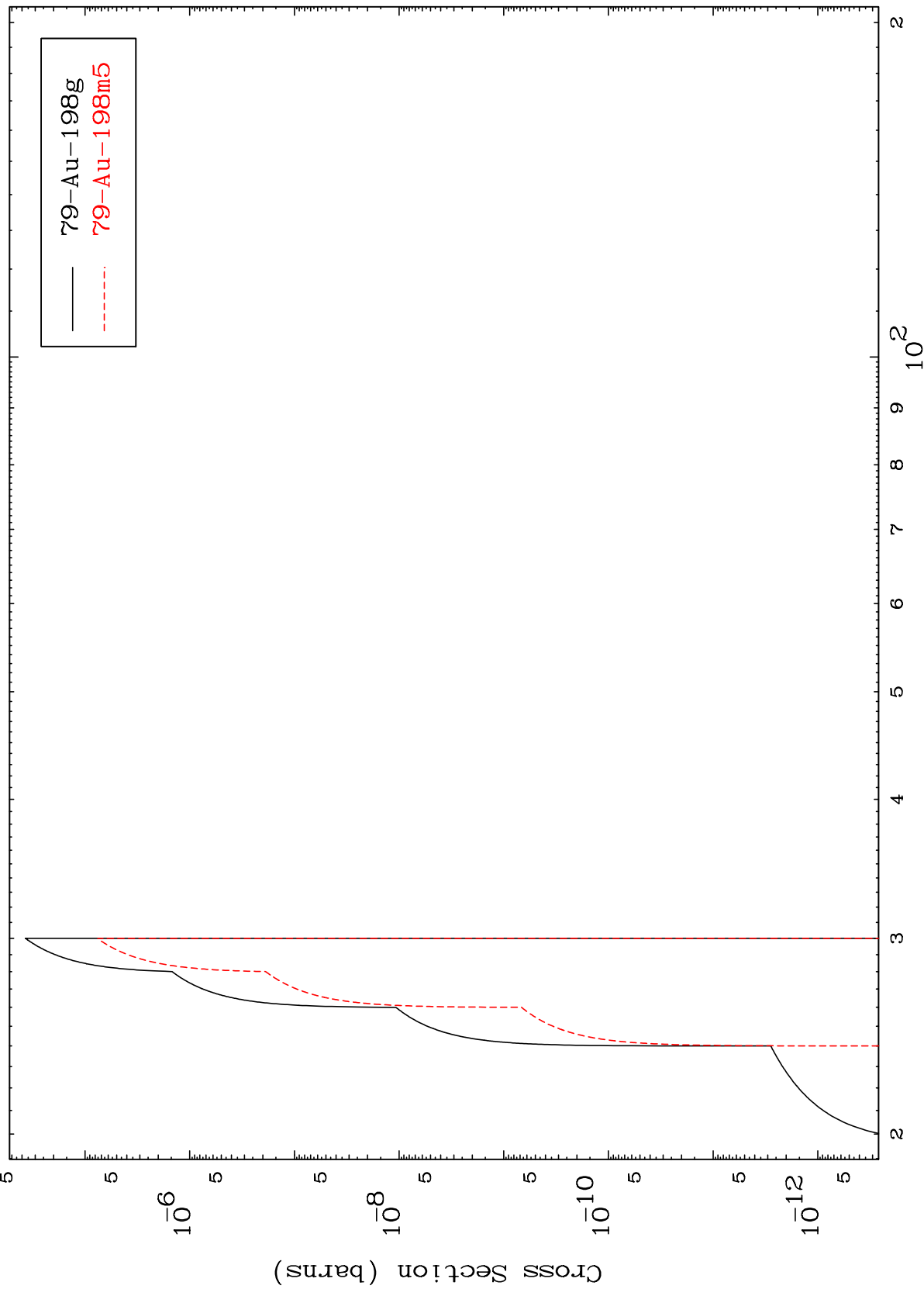
78-Pt-197

MAT 7847

(α, n') d

78-Pt-197

Radionuclide Production Cross Section



13

Incident Energy (MeV)

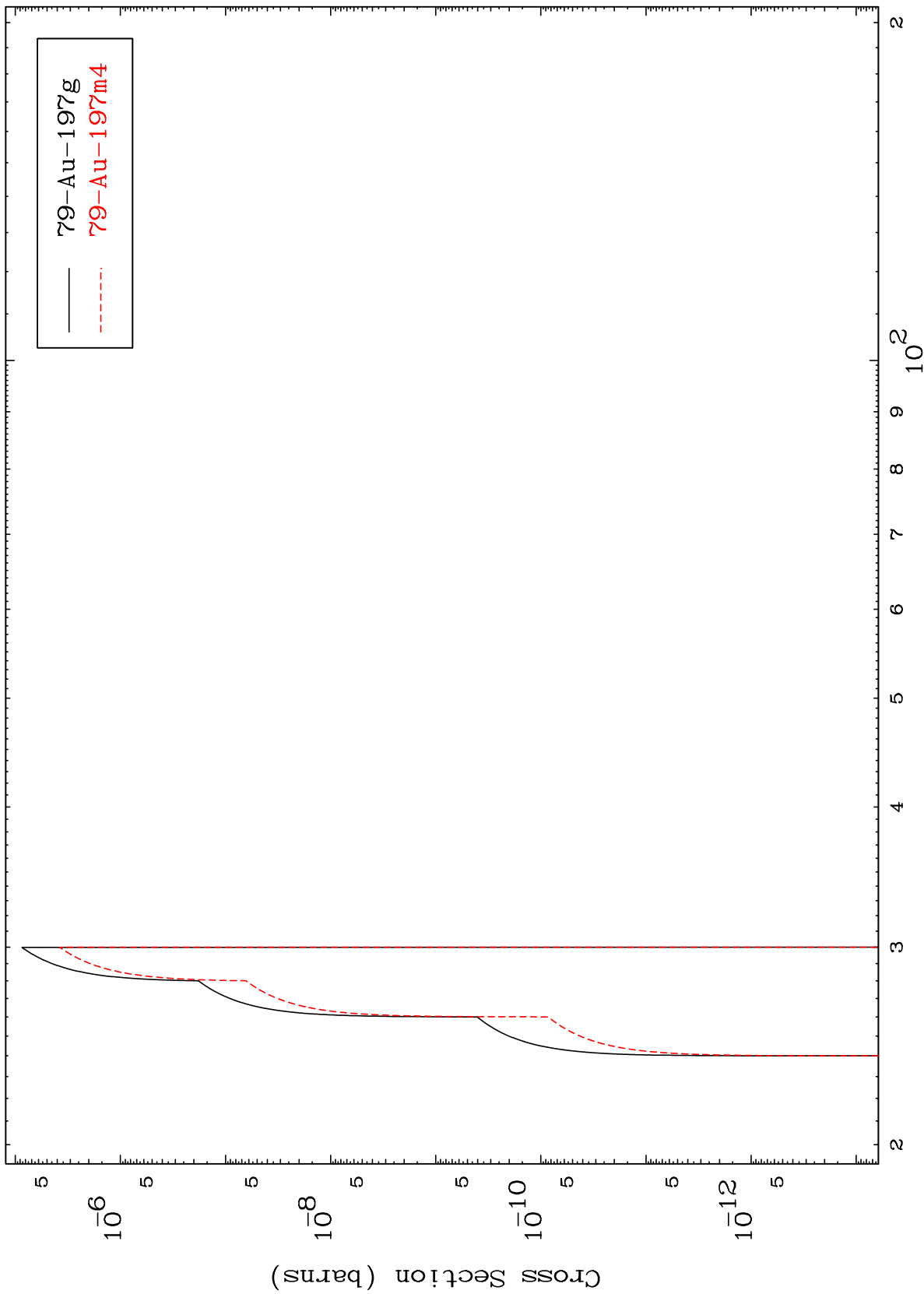
78-Pt-197

MAT 7847

(α, n') t

78-Pt-197

Radionuclide Production Cross Section



14

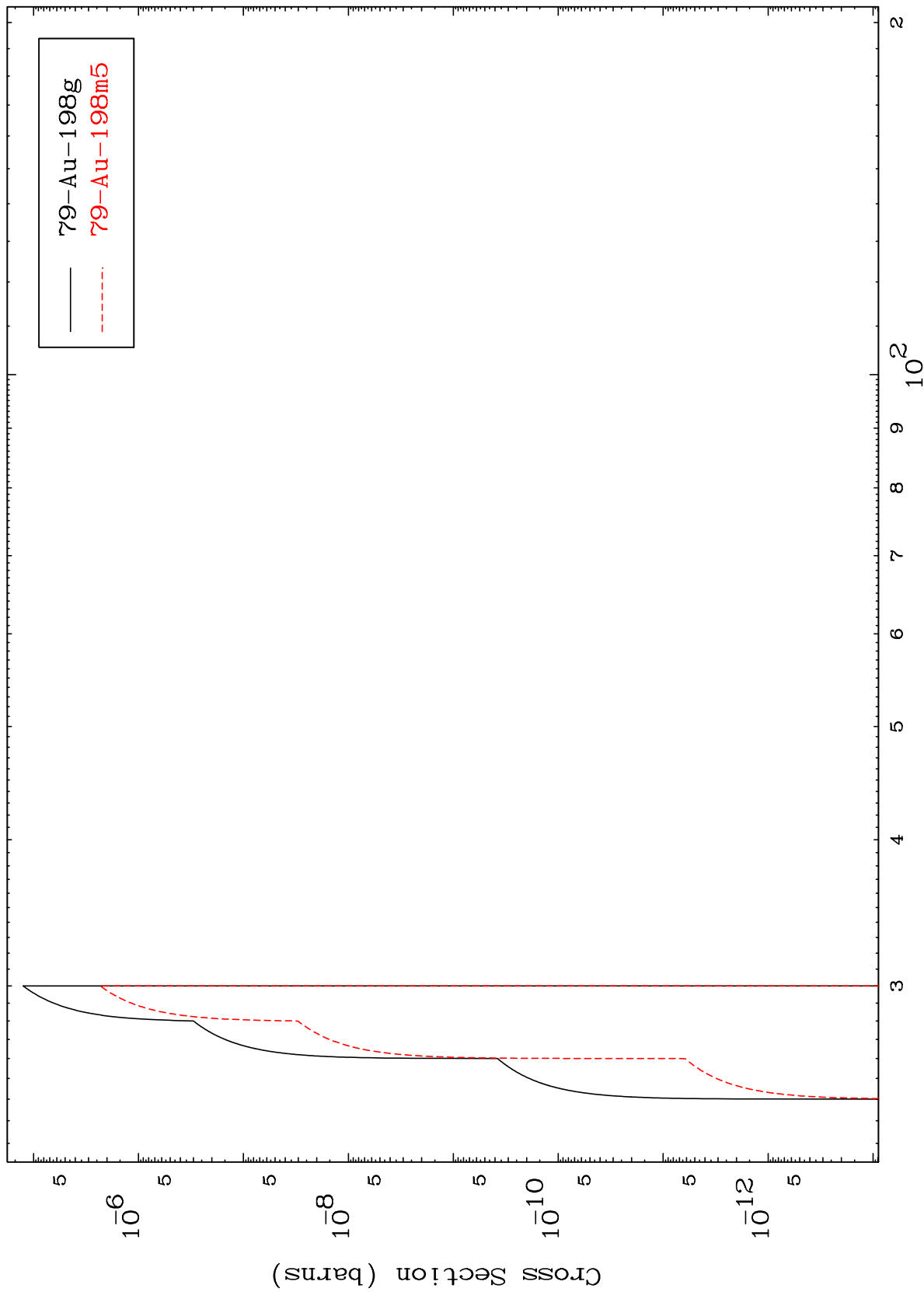
Incident Energy (MeV)

78-Pt-197

MAT 7847

78-Pt-197

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



15

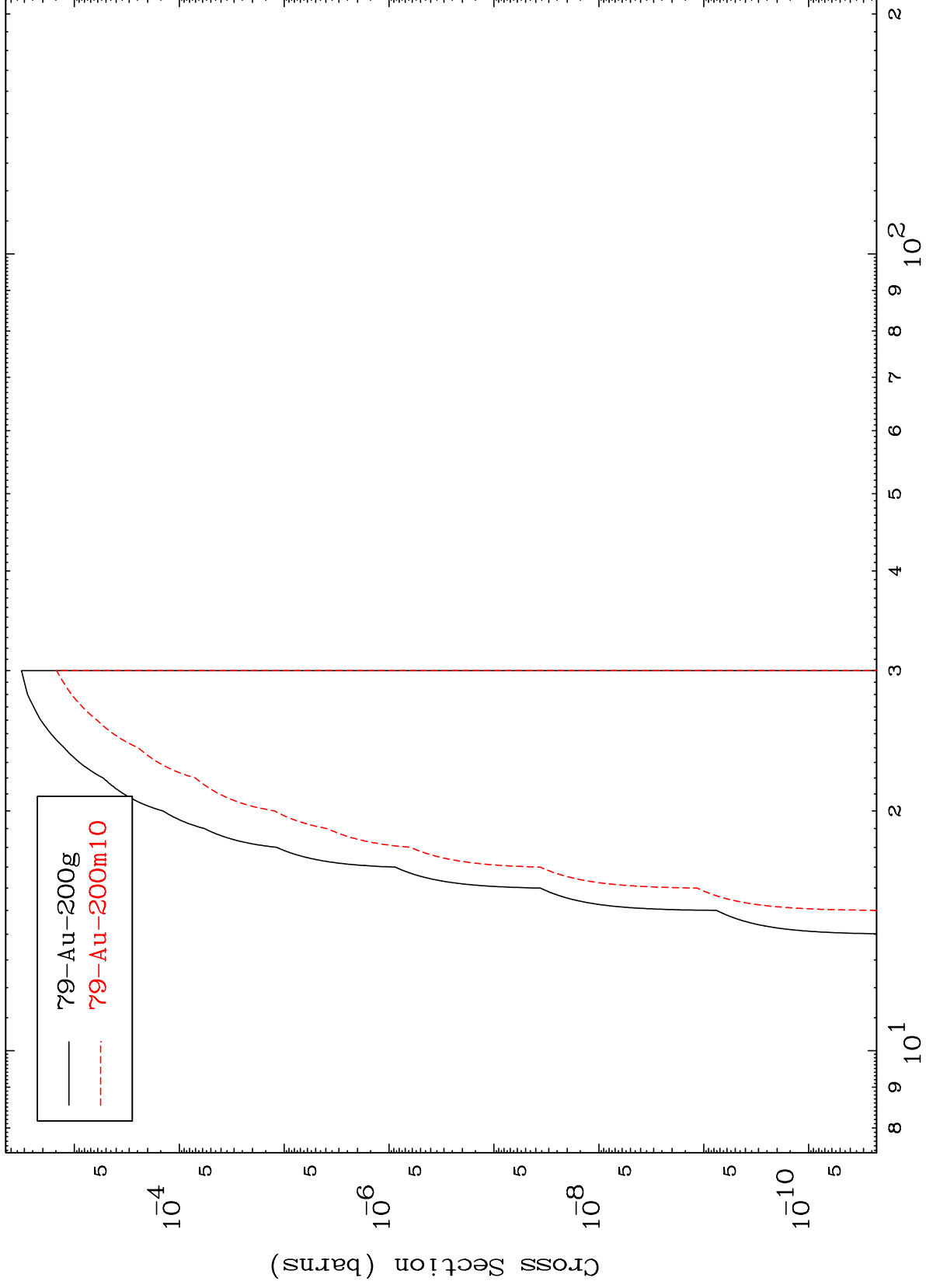
Incident Energy (MeV)

78-Pt-197

MAT 7847

78-Pt-197

(α, p)
Radionuclide Production Cross Section



16

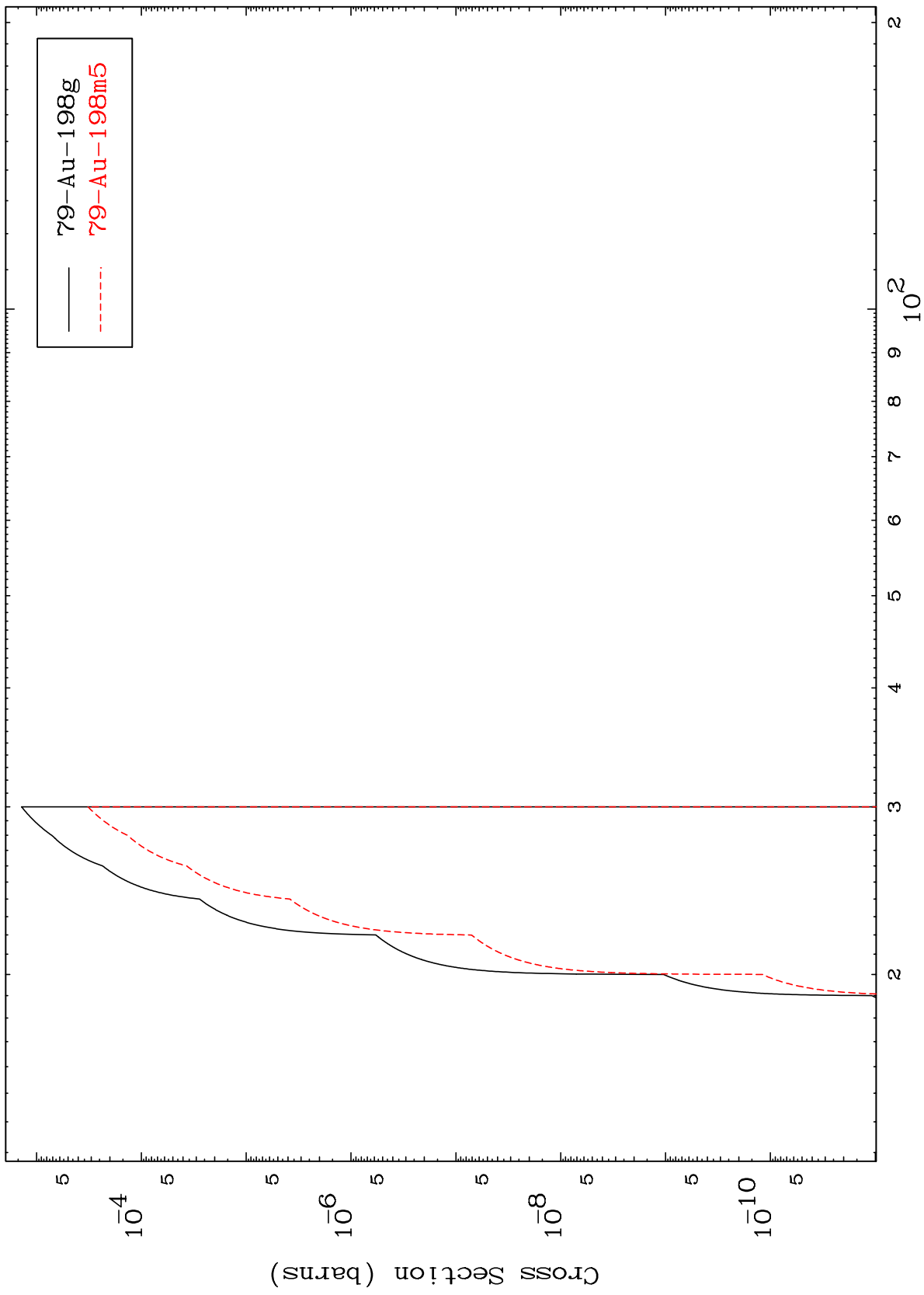
Incident Energy (MeV)

78-Pt-197

MAT 7847

78-Pt-197

(α, t)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

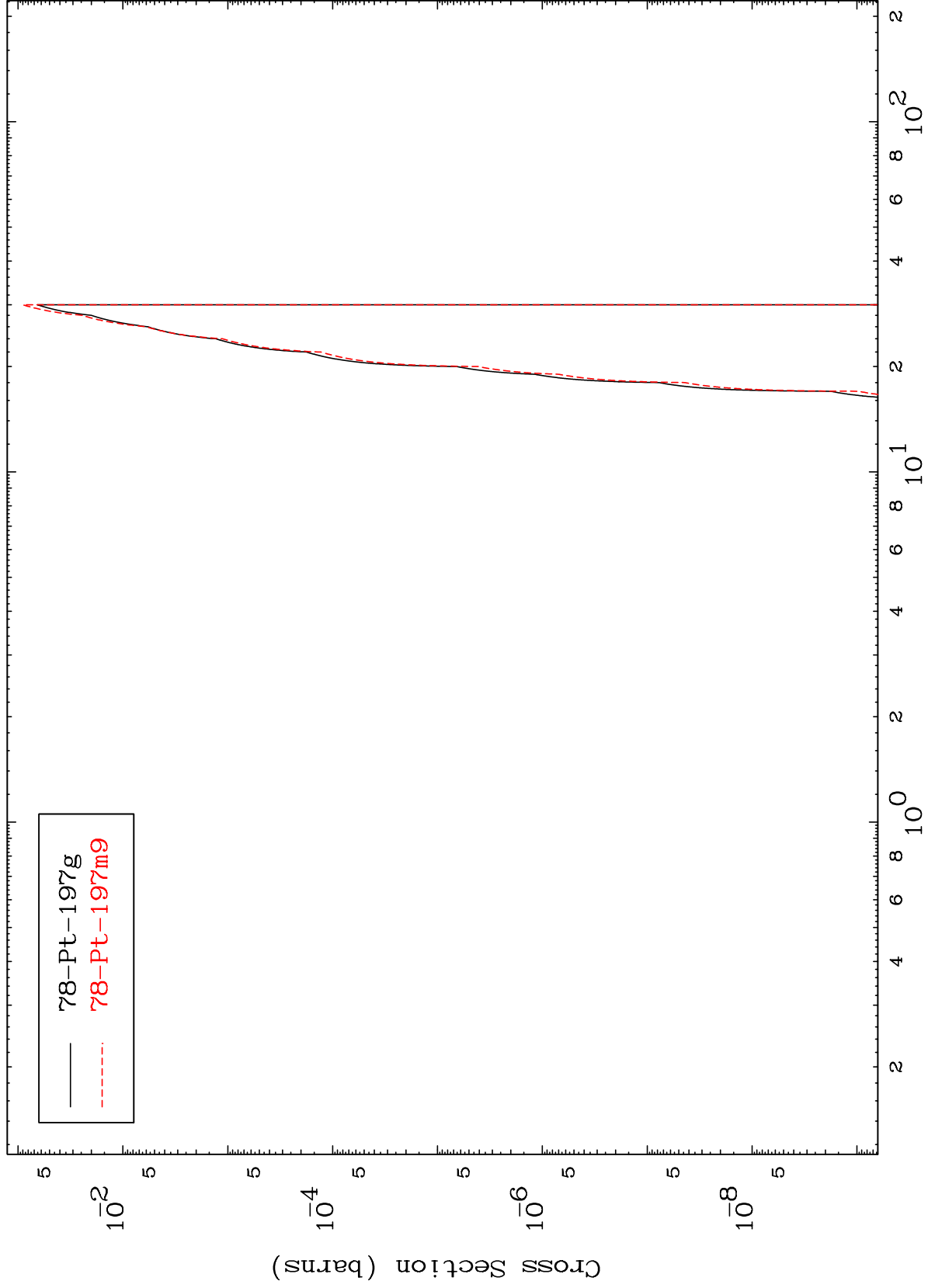
78-Pt-197

MAT 7847

(α, α)

78-Pt-197

Radionuclide Production Cross Section



18

Incident Energy (MeV)

78-Pt-197