

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

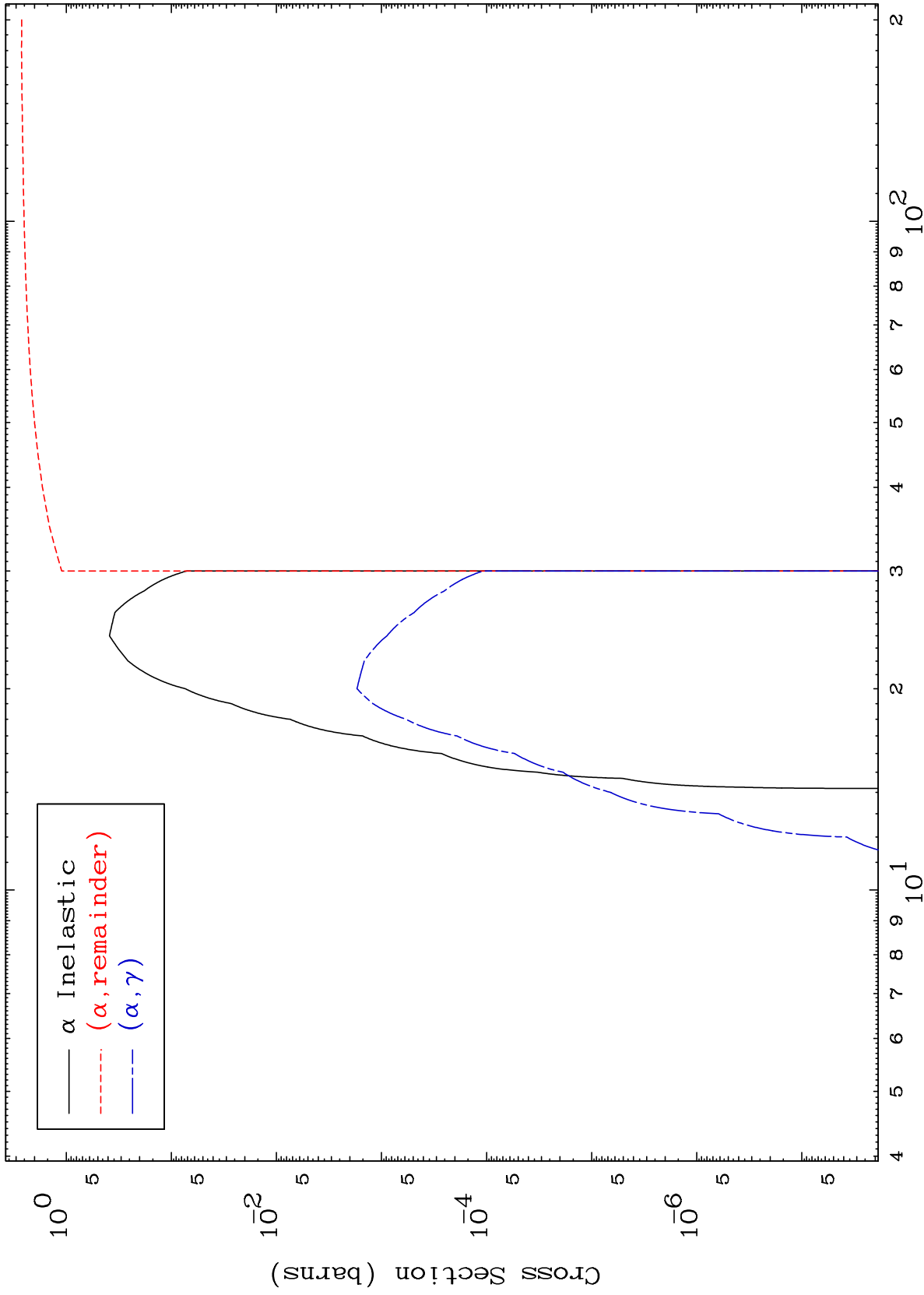
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7813

0 Kelvin α Major
Cross Sections

78-Pt-186



1

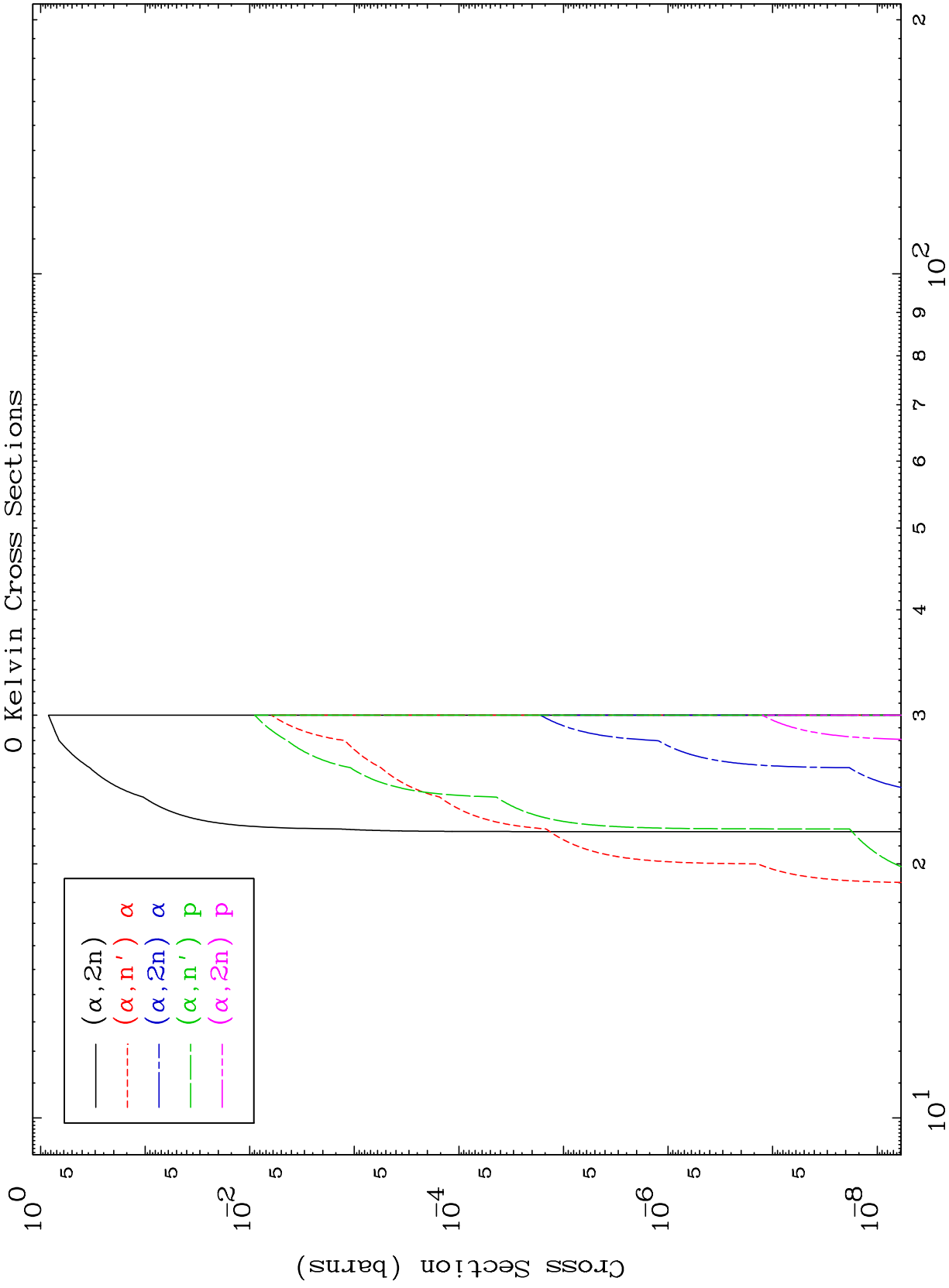
Incident Energy (MeV)

78-Pt-186

MAT 7813

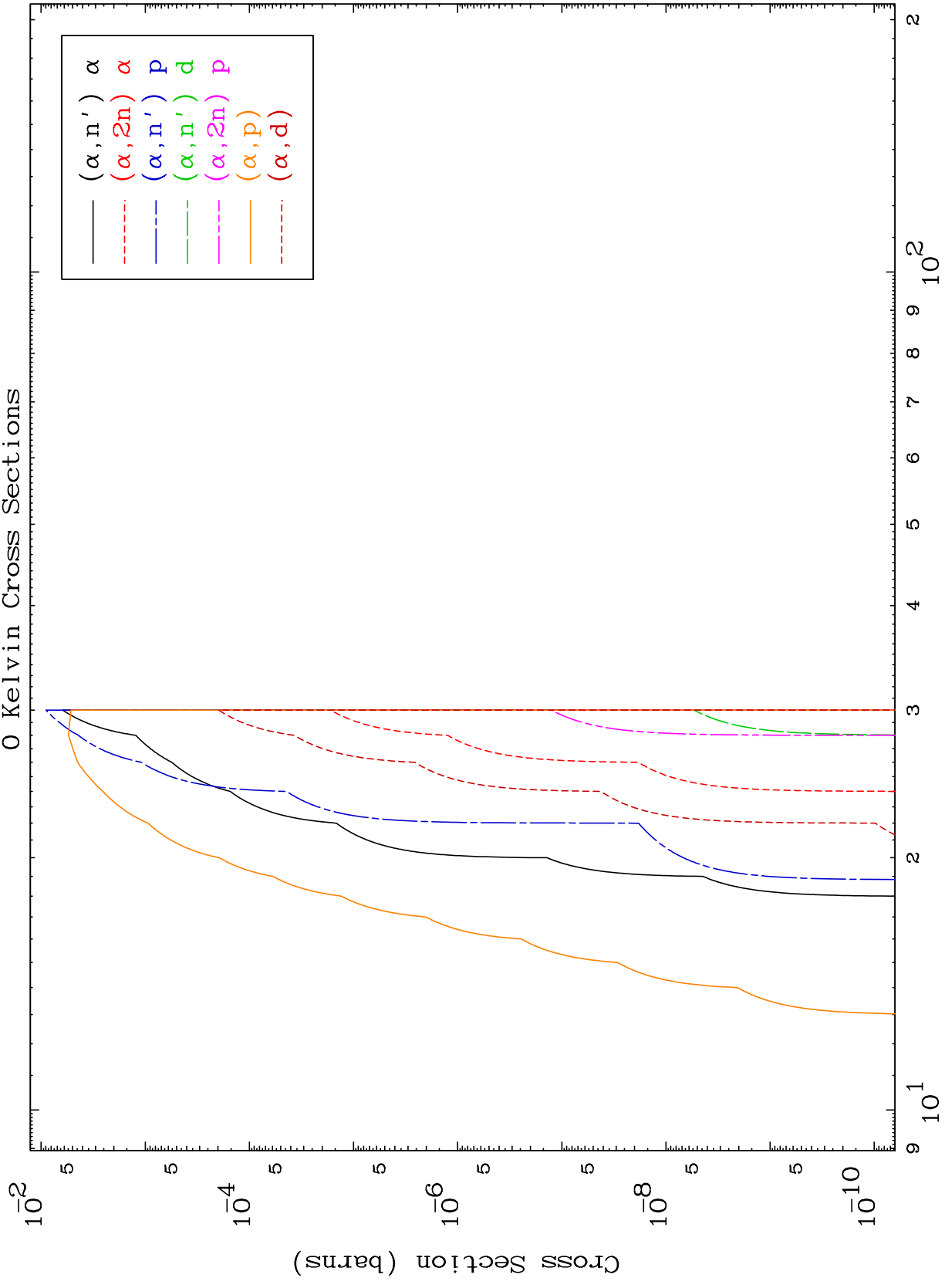
α Neutron Production
0 Kelvin Cross Sections

78-Pt-186



Incident Energy (MeV)

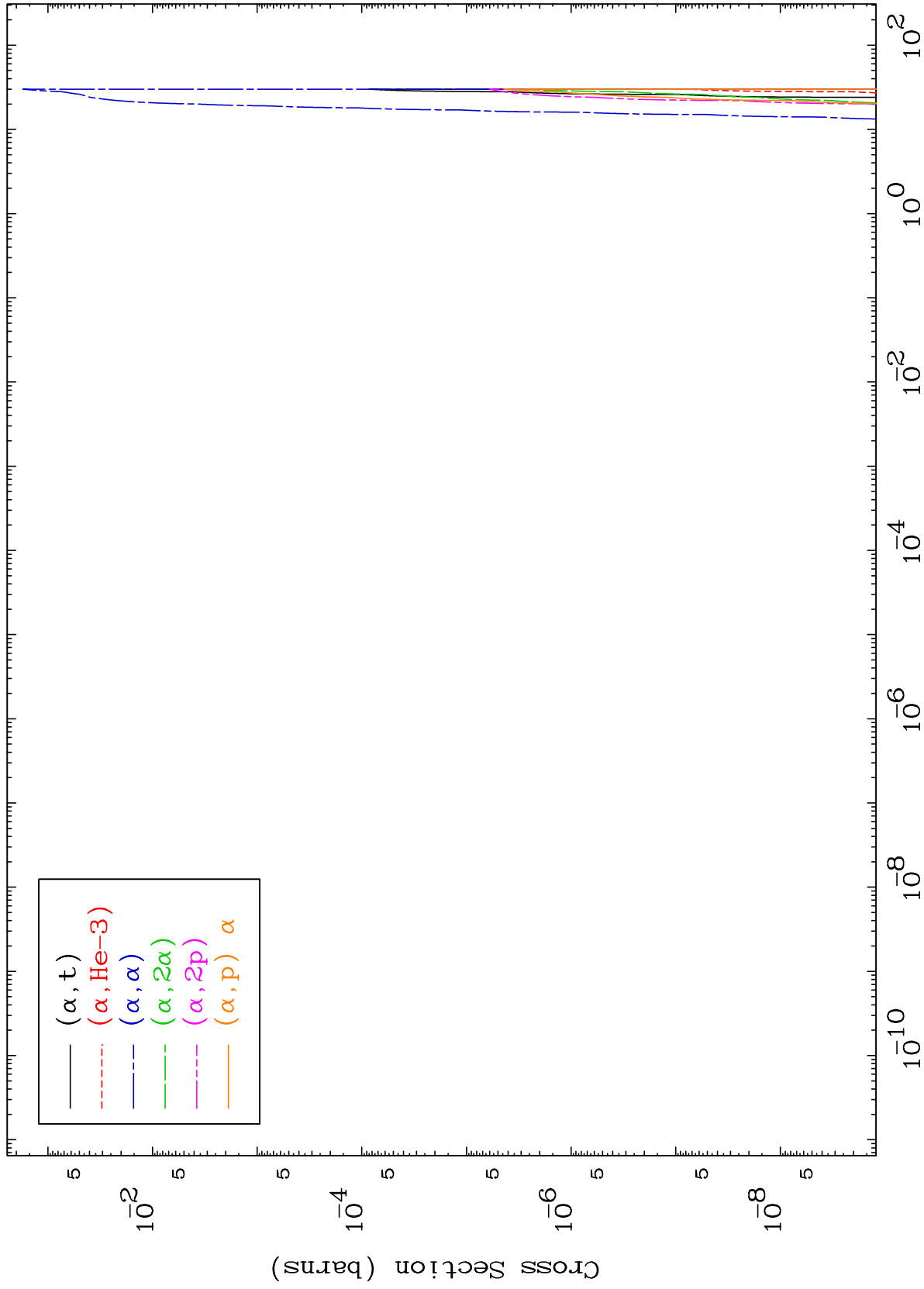
78-Pt-186



MAT 7813

α Charged Particle
0 Kelvin Cross Sections

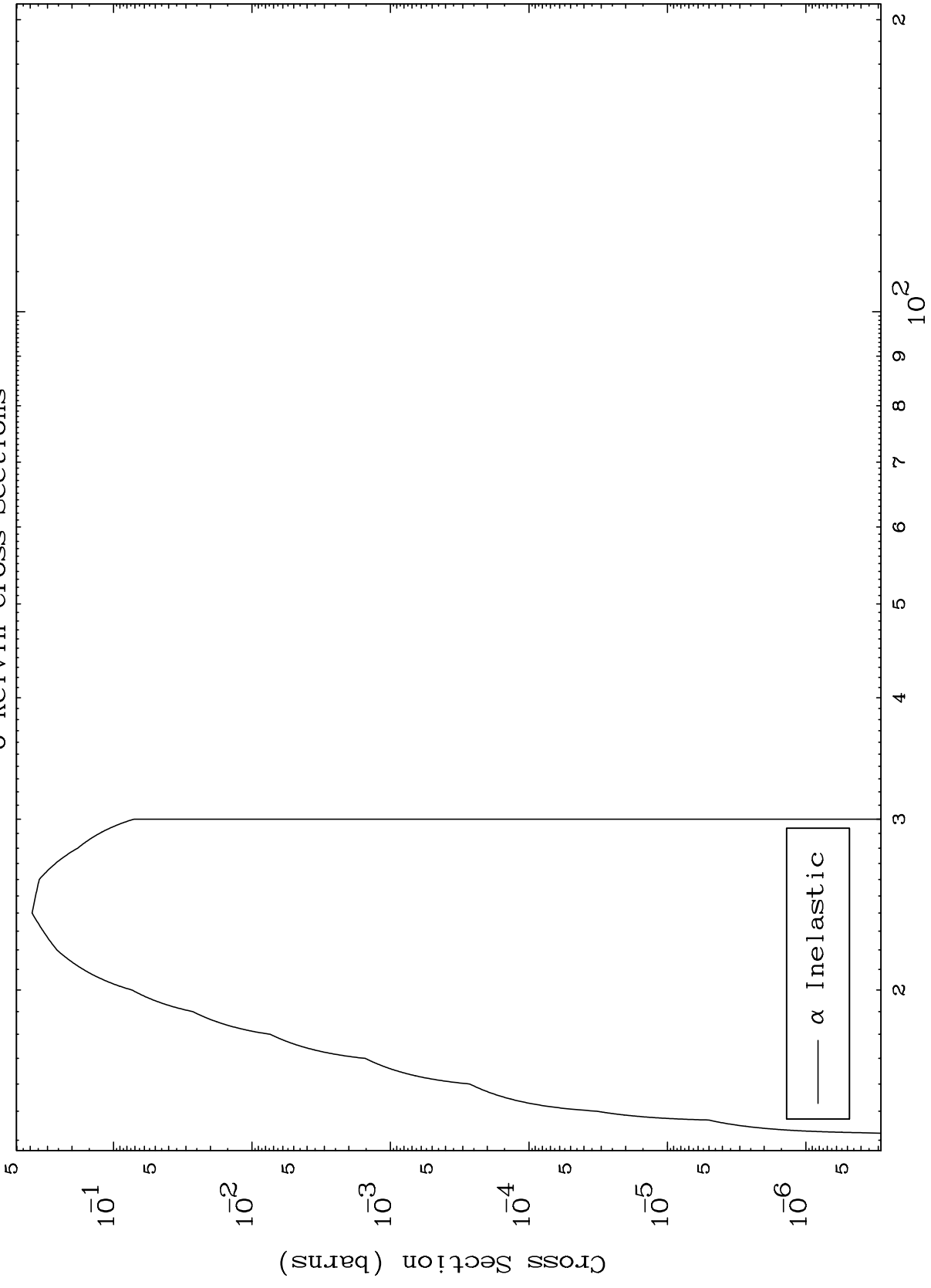
78-Pt-186



MAT 7813

(α, n') Level
0 Kelvin Cross Sections

78-Pt-186



5

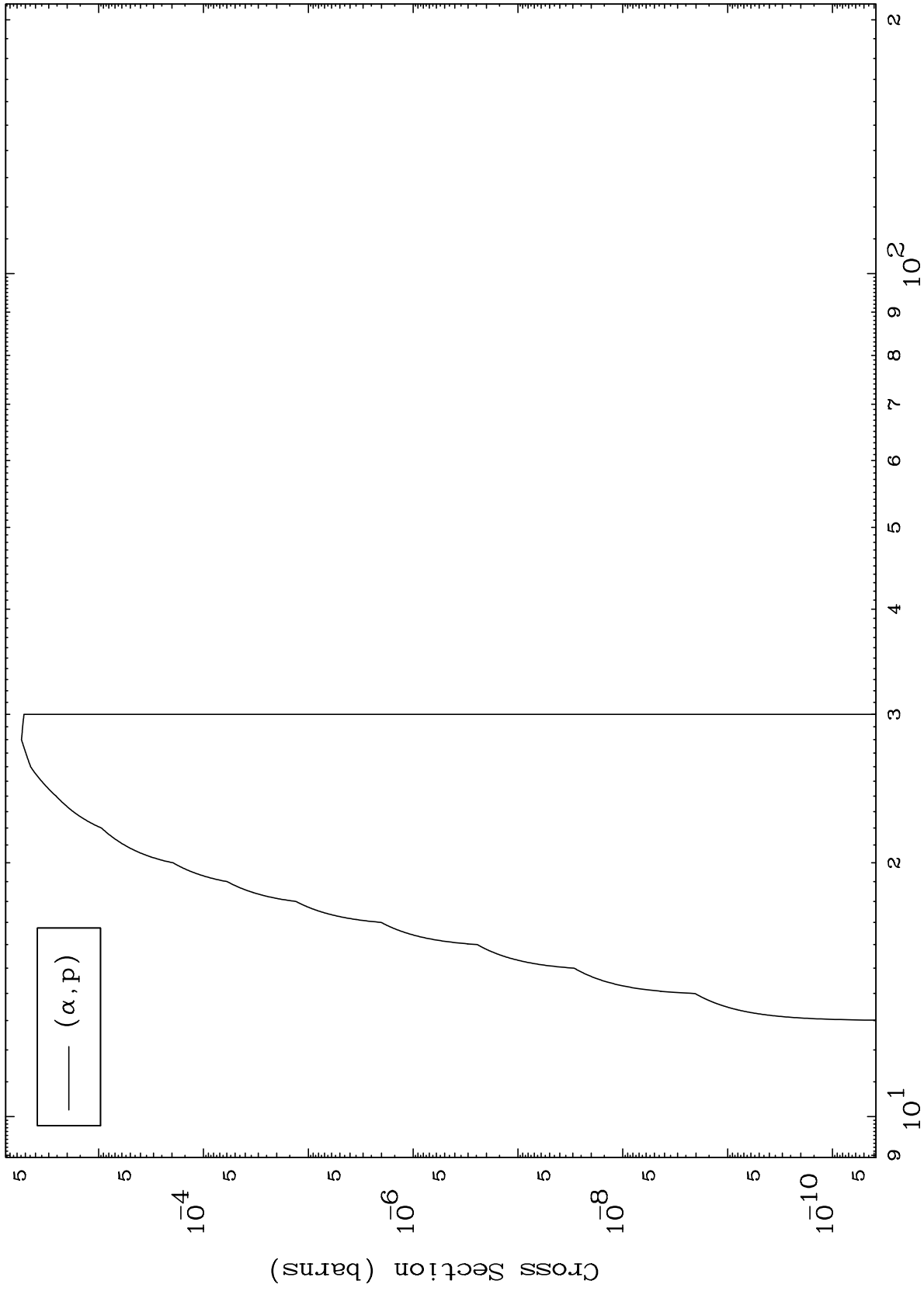
Incident Energy (MeV)

78-Pt-186

MAT 7813

(α, p) Levels
0 Kelvin Cross Sections

78-Pt-186



6

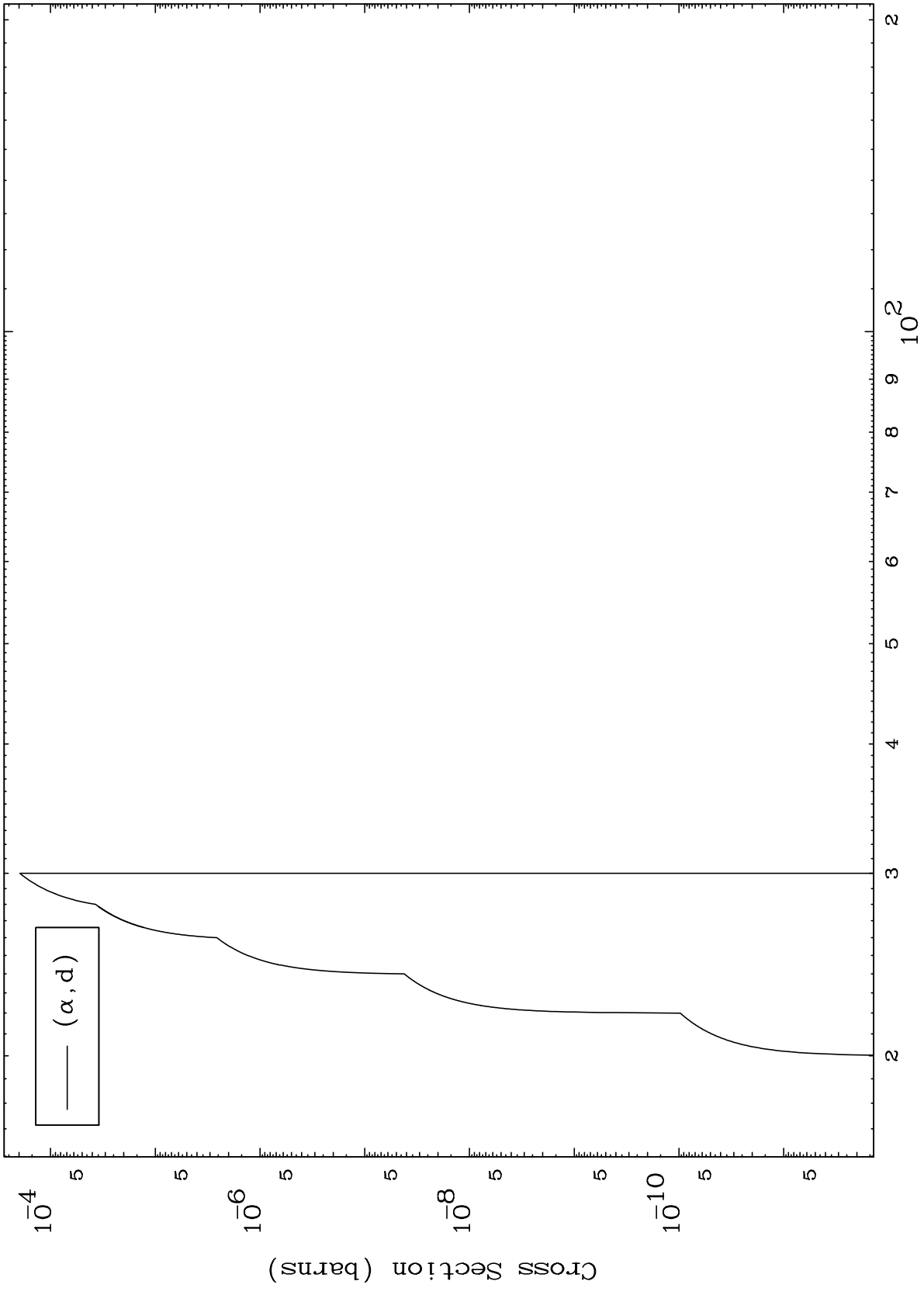
Incident Energy (MeV)

78-Pt-186

MAT 7813

(α, d) Levels
0 Kelvin Cross Sections

78-Pt-186



7

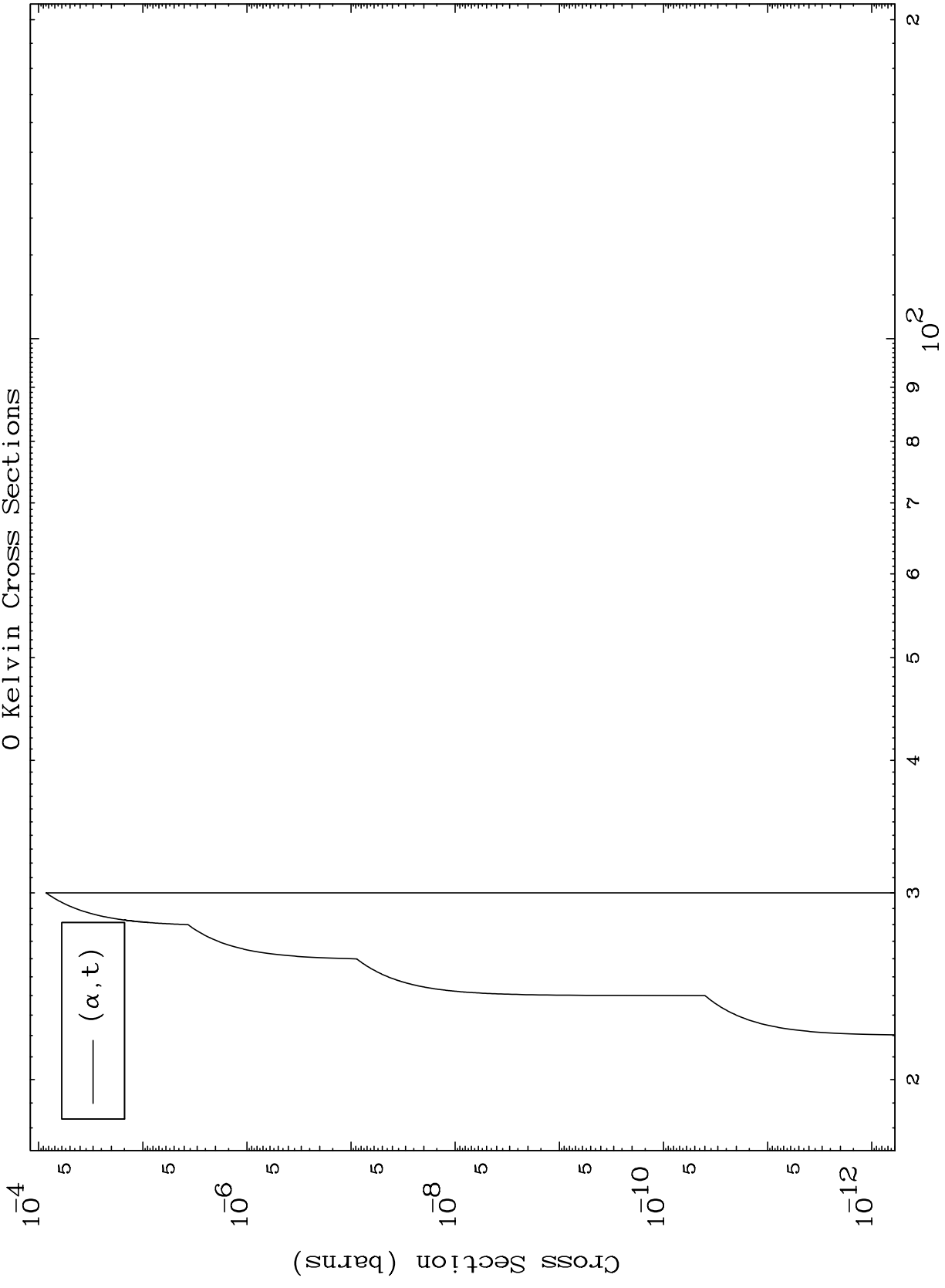
Incident Energy (MeV)

78-Pt-186

MAT 7813

(α, t) Levels
0 Kelvin Cross Sections

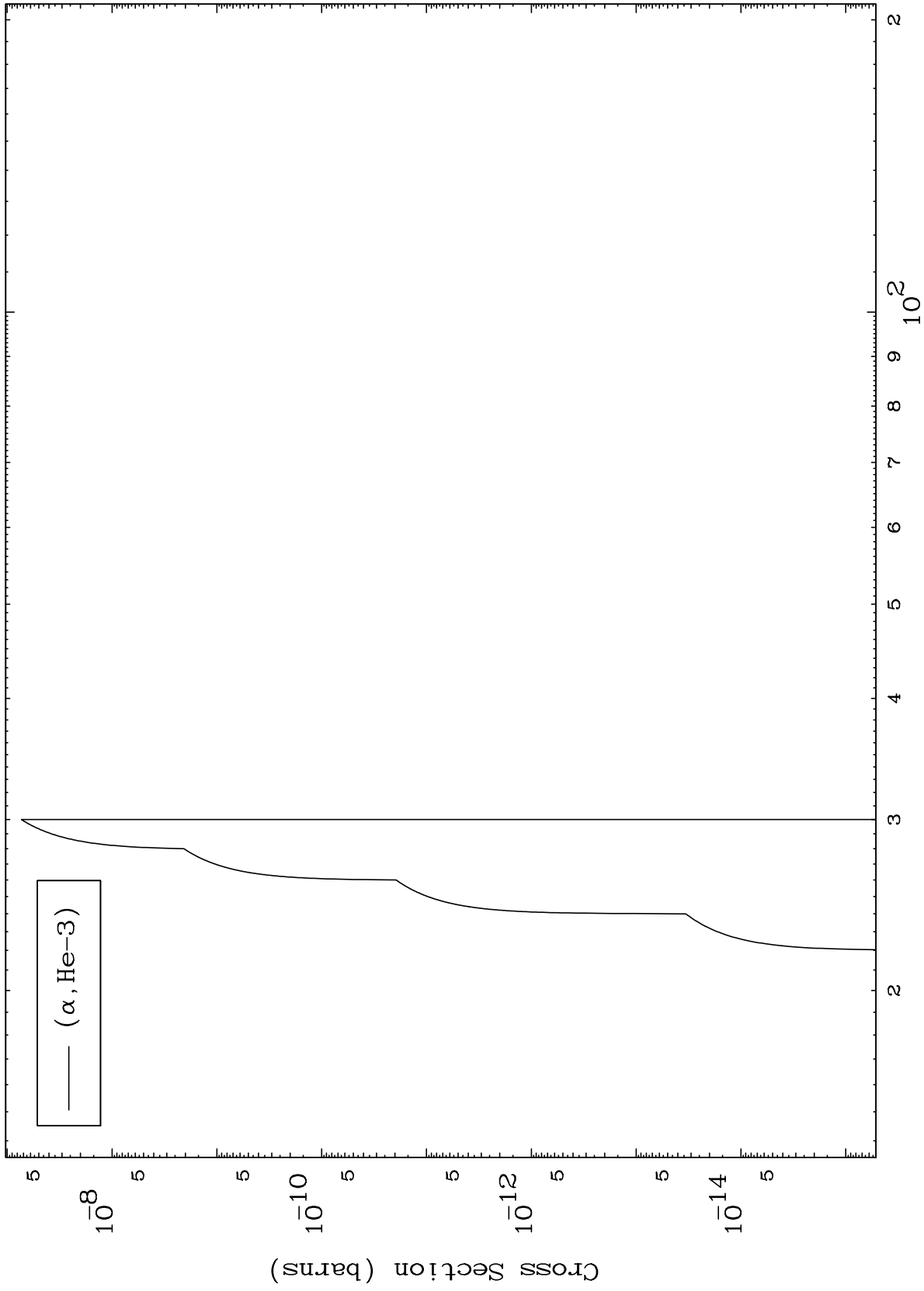
78-Pt-186



8

Incident Energy (MeV)

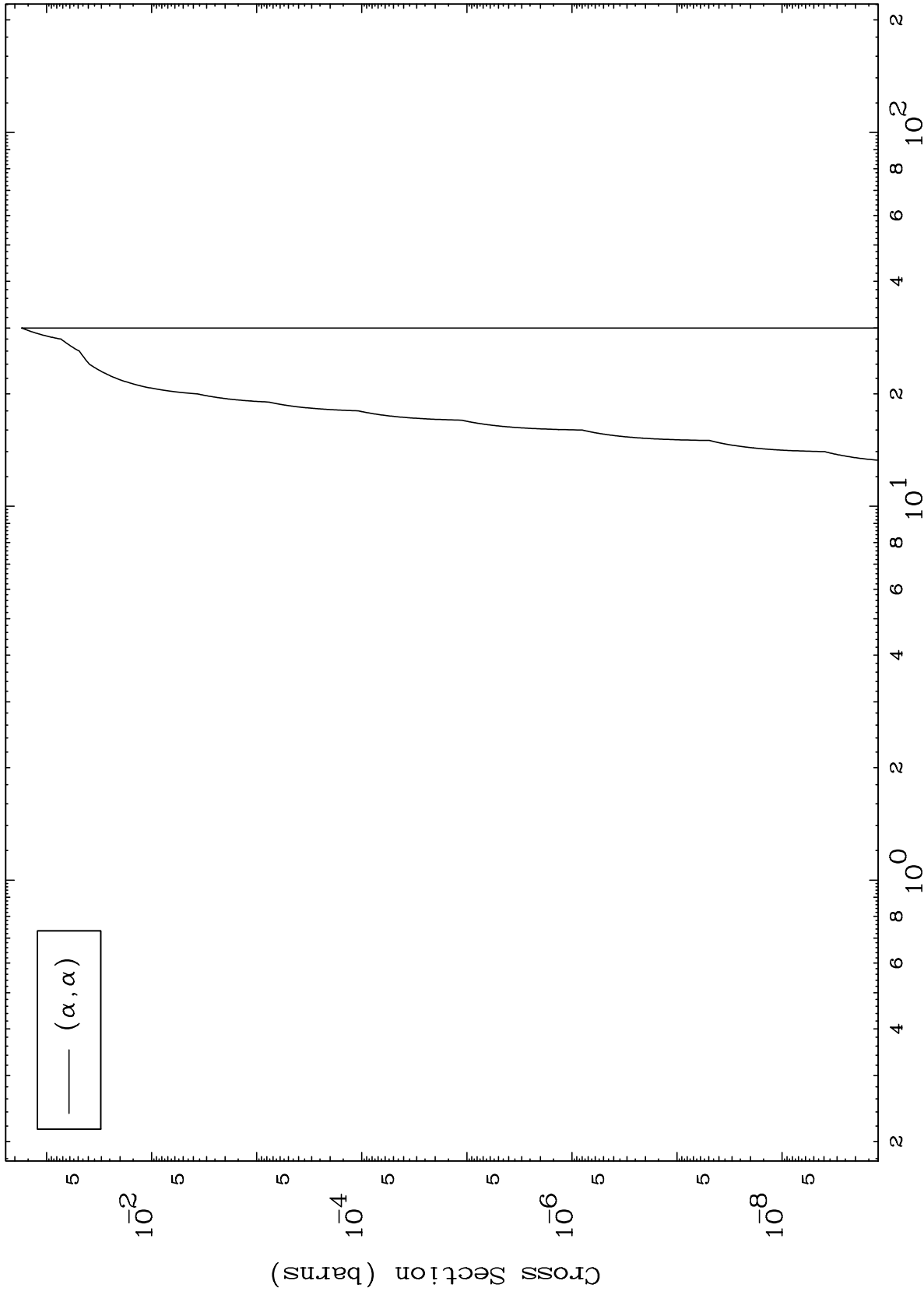
78-Pt-186



MAT 7813

(α, α) Levels
0 Kelvin Cross Sections

78-Pt-186

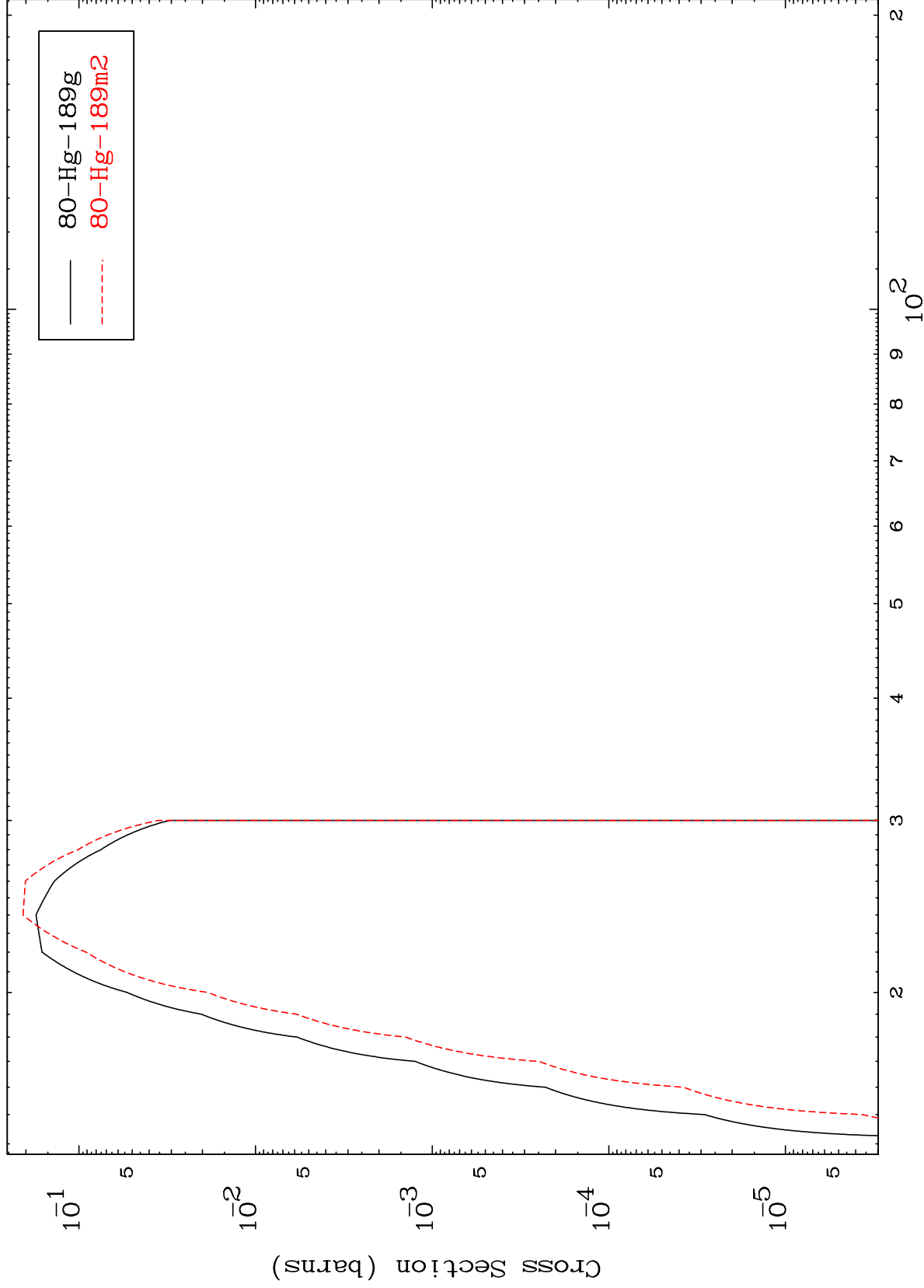


10

Incident Energy (MeV)

78-Pt-186

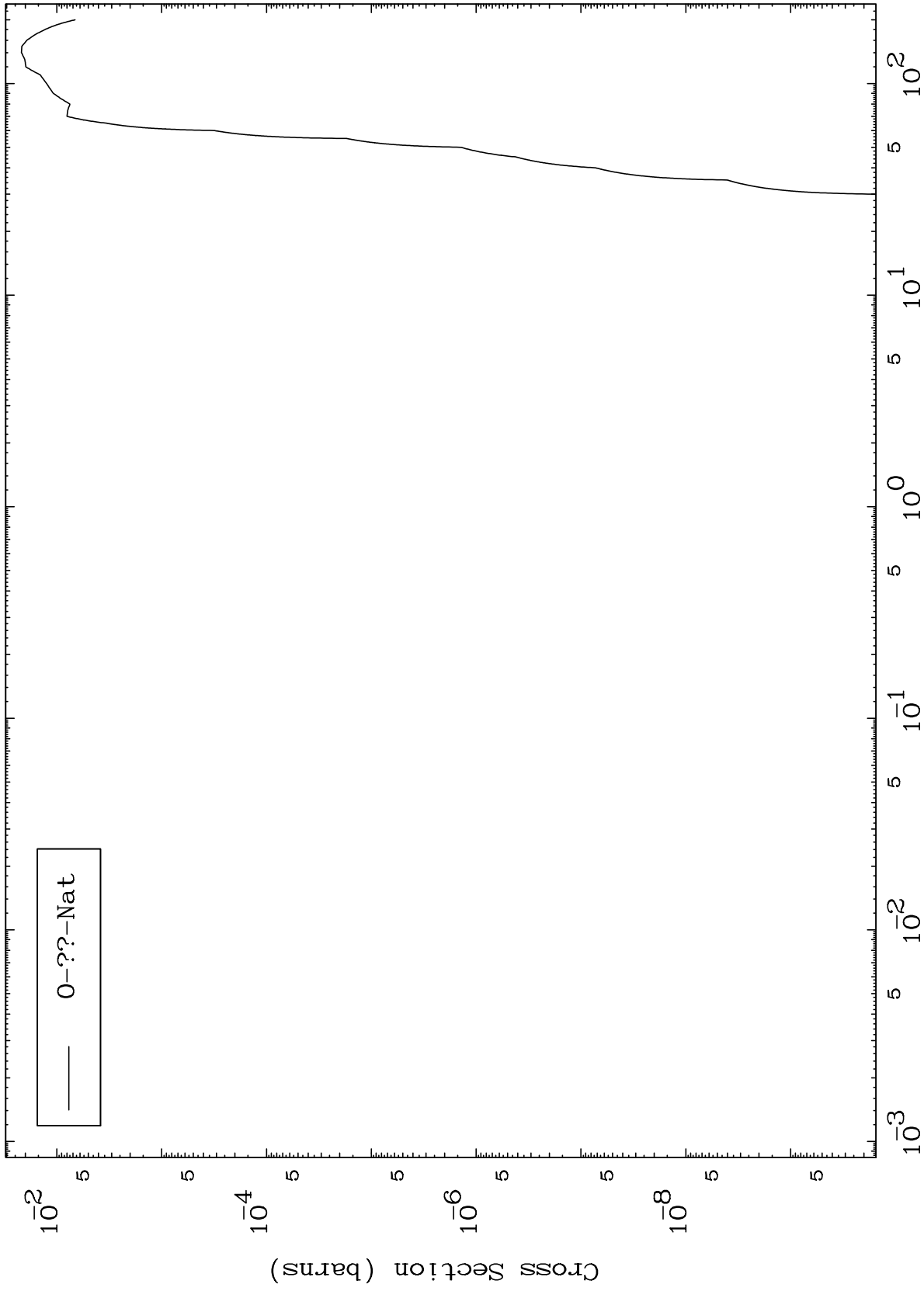
α Inelastic
Radionuclide Production Cross Section



MAT 7813

α Fission
Radionuclide Production Cross Section

78-Pt-186



0-?-?-Nat

12

Incident Energy (MeV)

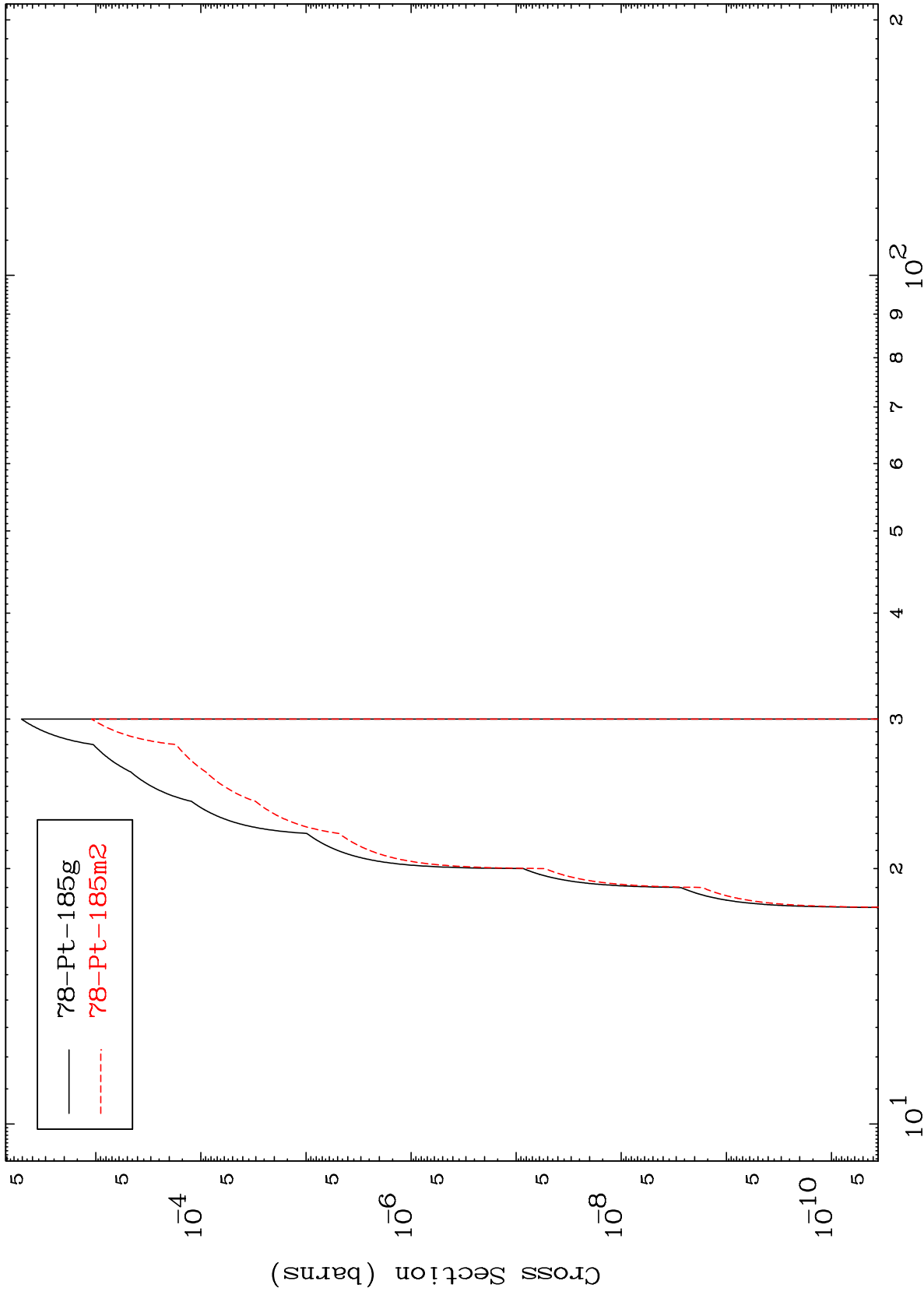
78-Pt-186

MAT 7813

(α, n') α

78-Pt-186

Radionuclide Production Cross Section



13

Incident Energy (MeV)

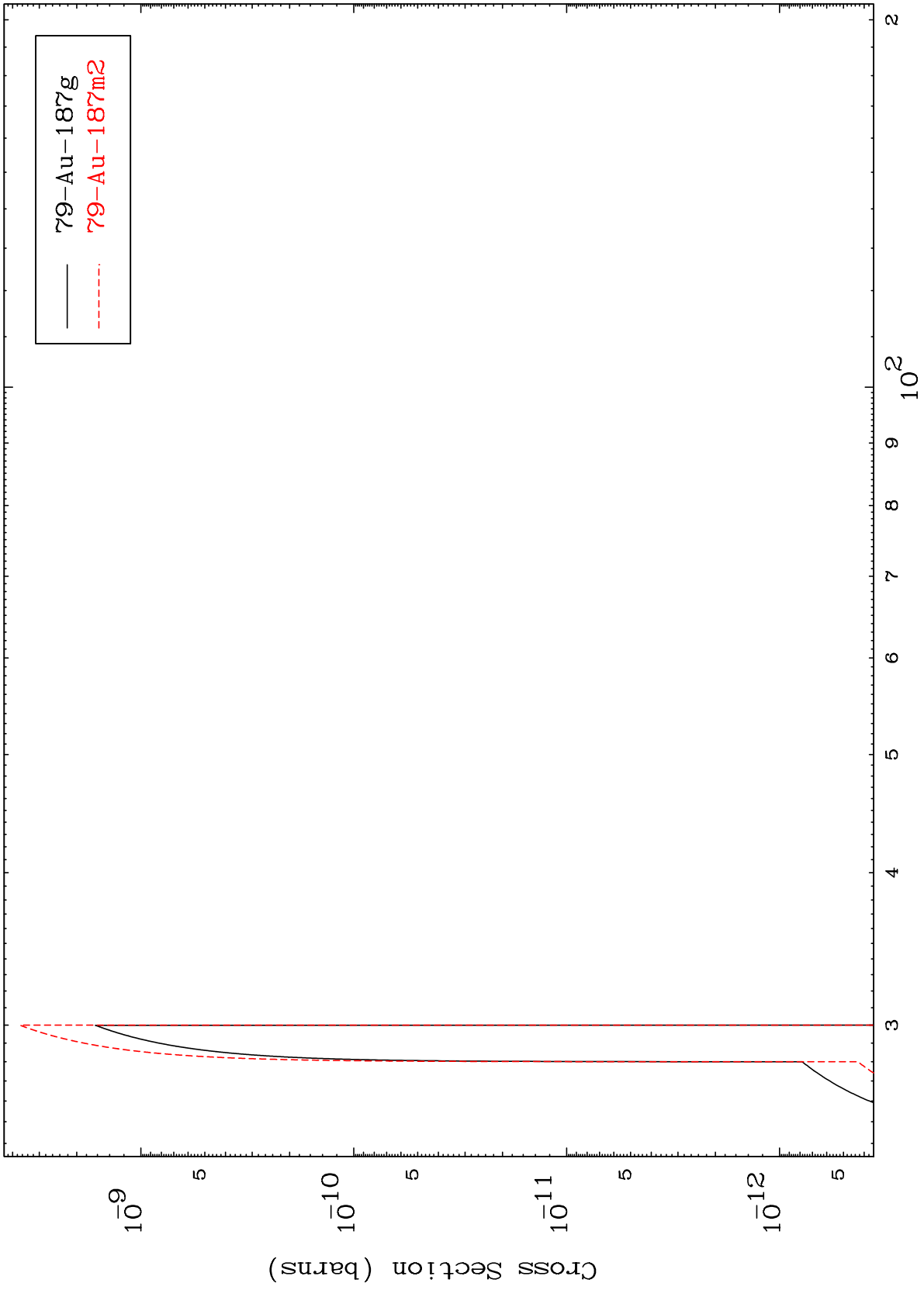
78-Pt-186

MAT 7813

(α, n') d

78-Pt-186

Radionuclide Production Cross Section



14

Incident Energy (MeV)

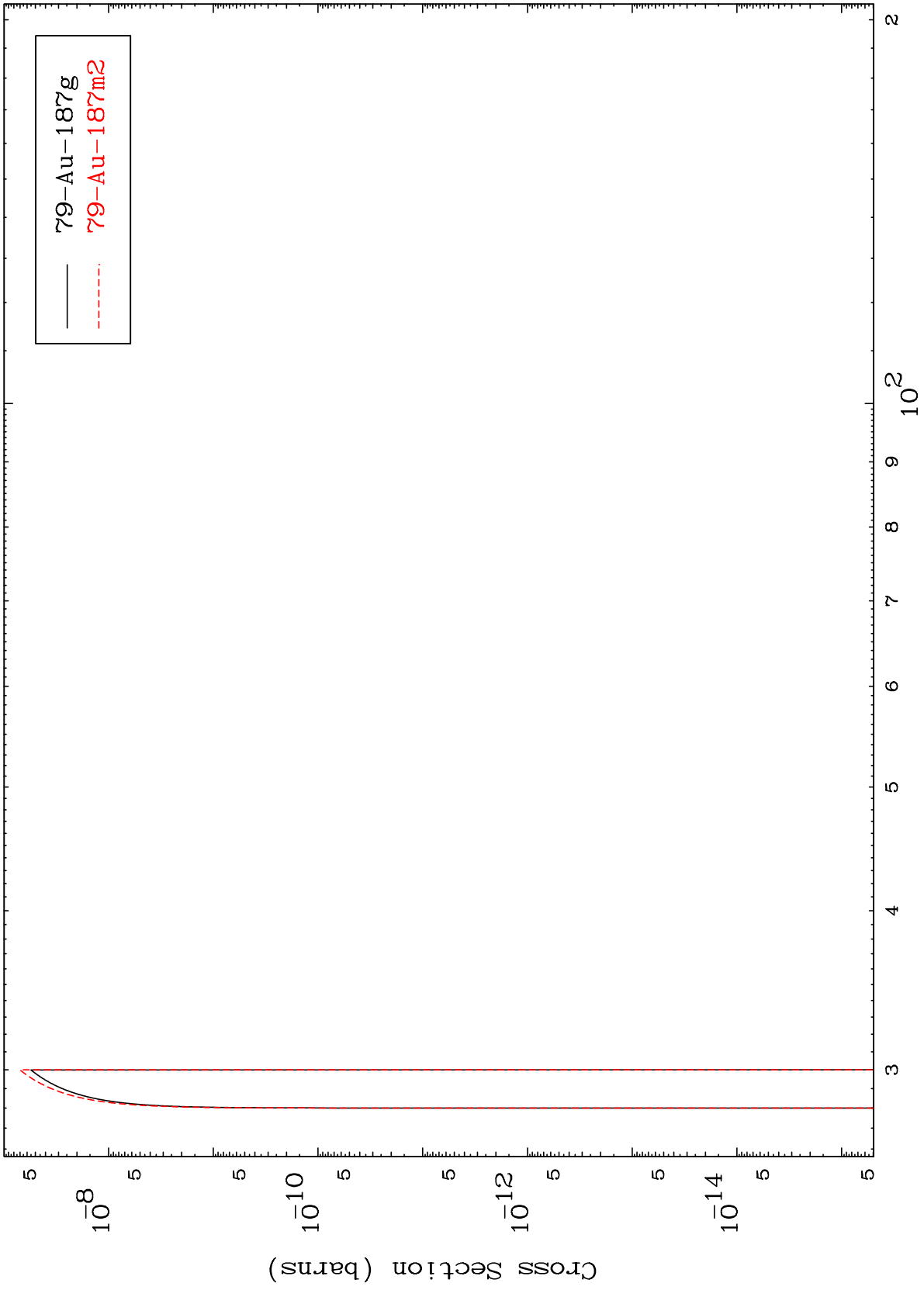
78-Pt-186

MAT 7813

($\alpha, 2n$) p

78-Pt-186

Radionuclide Production Cross Section



15

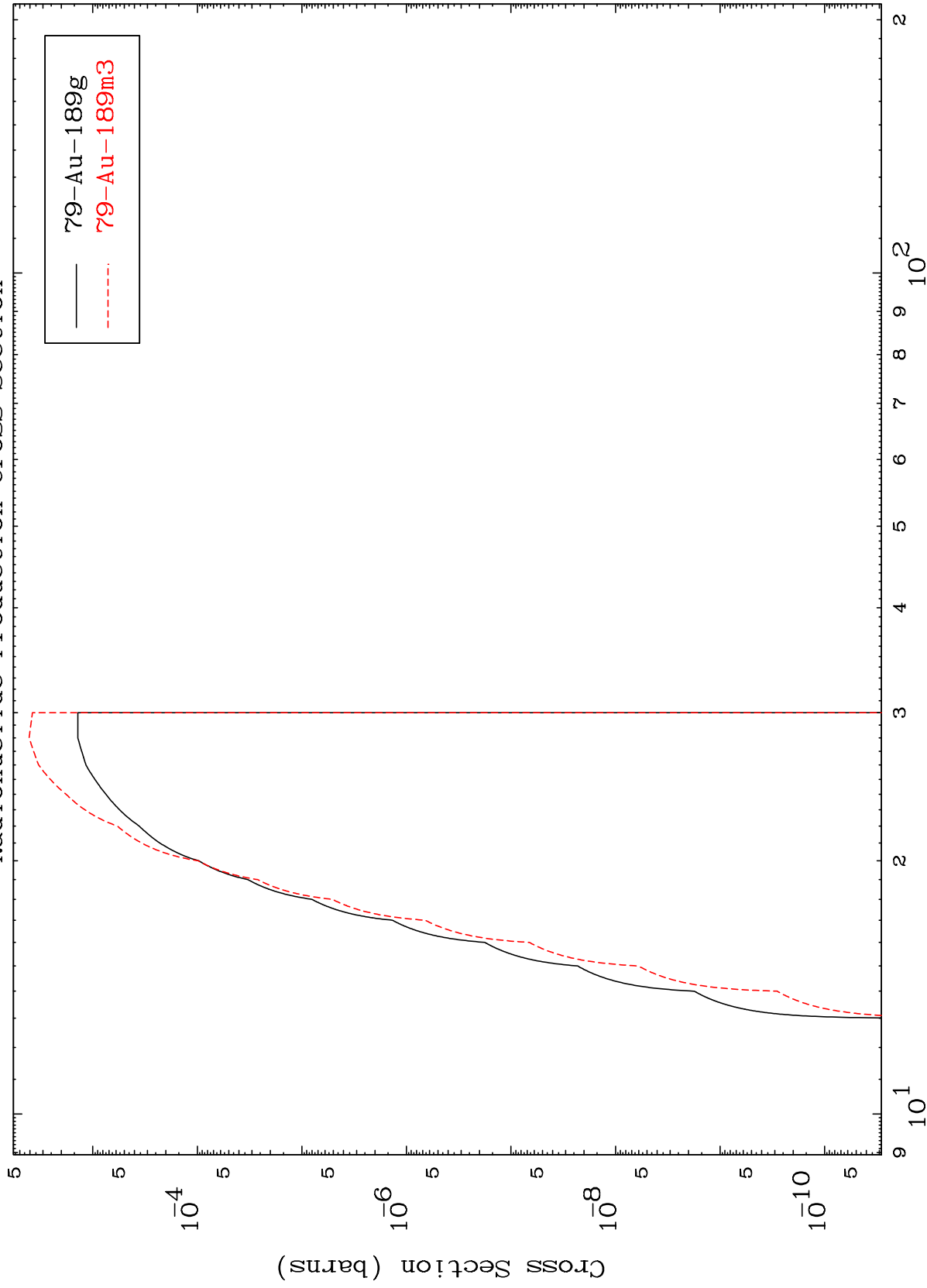
Incident Energy (MeV)

78-Pt-186

MAT 7813

78-Pt-186

(α, p)
Radionuclide Production Cross Section



16

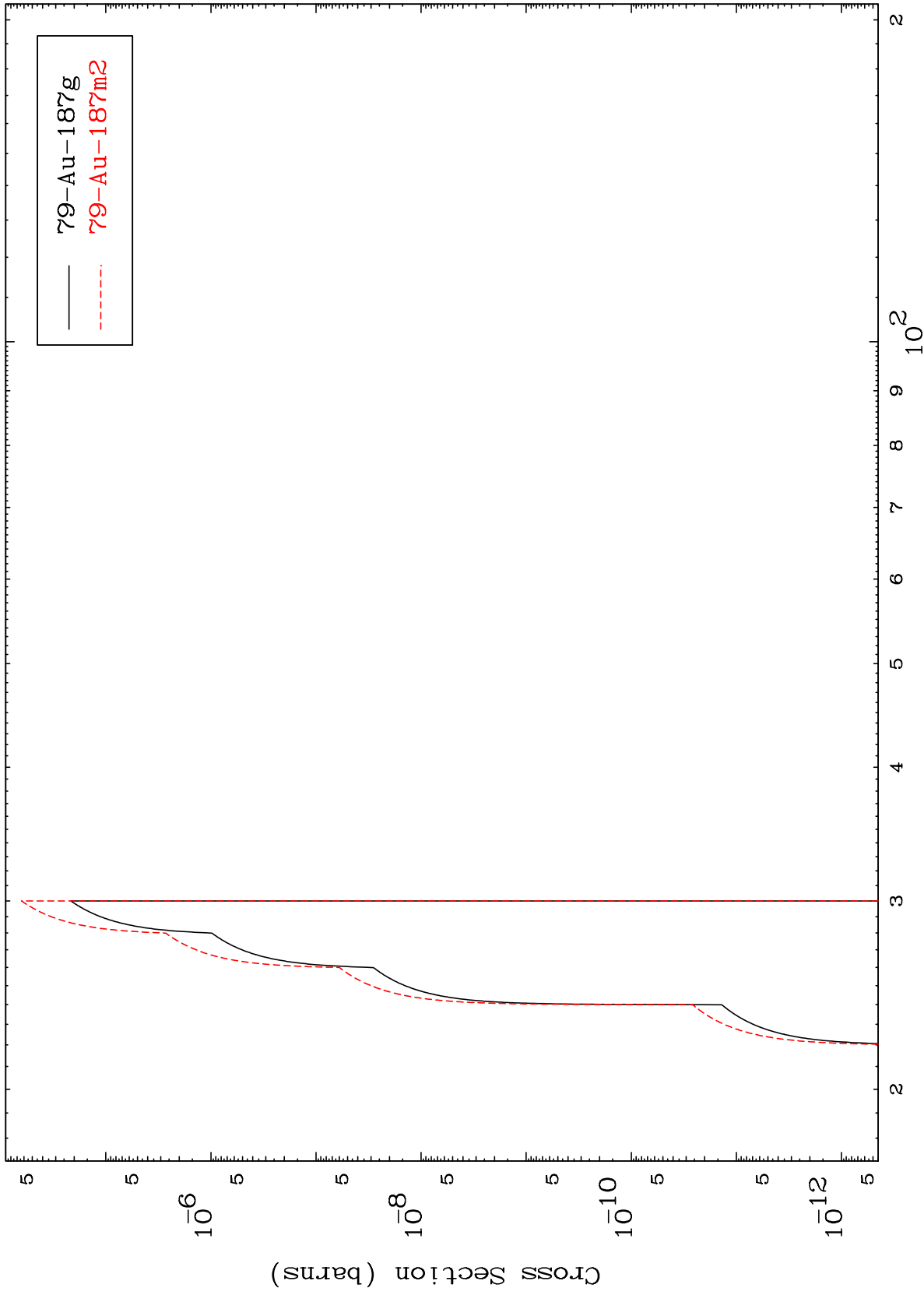
Incident Energy (MeV)

78-Pt-186

MAT 7813

78-Pt-186

(α, t)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

78-Pt-186