

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

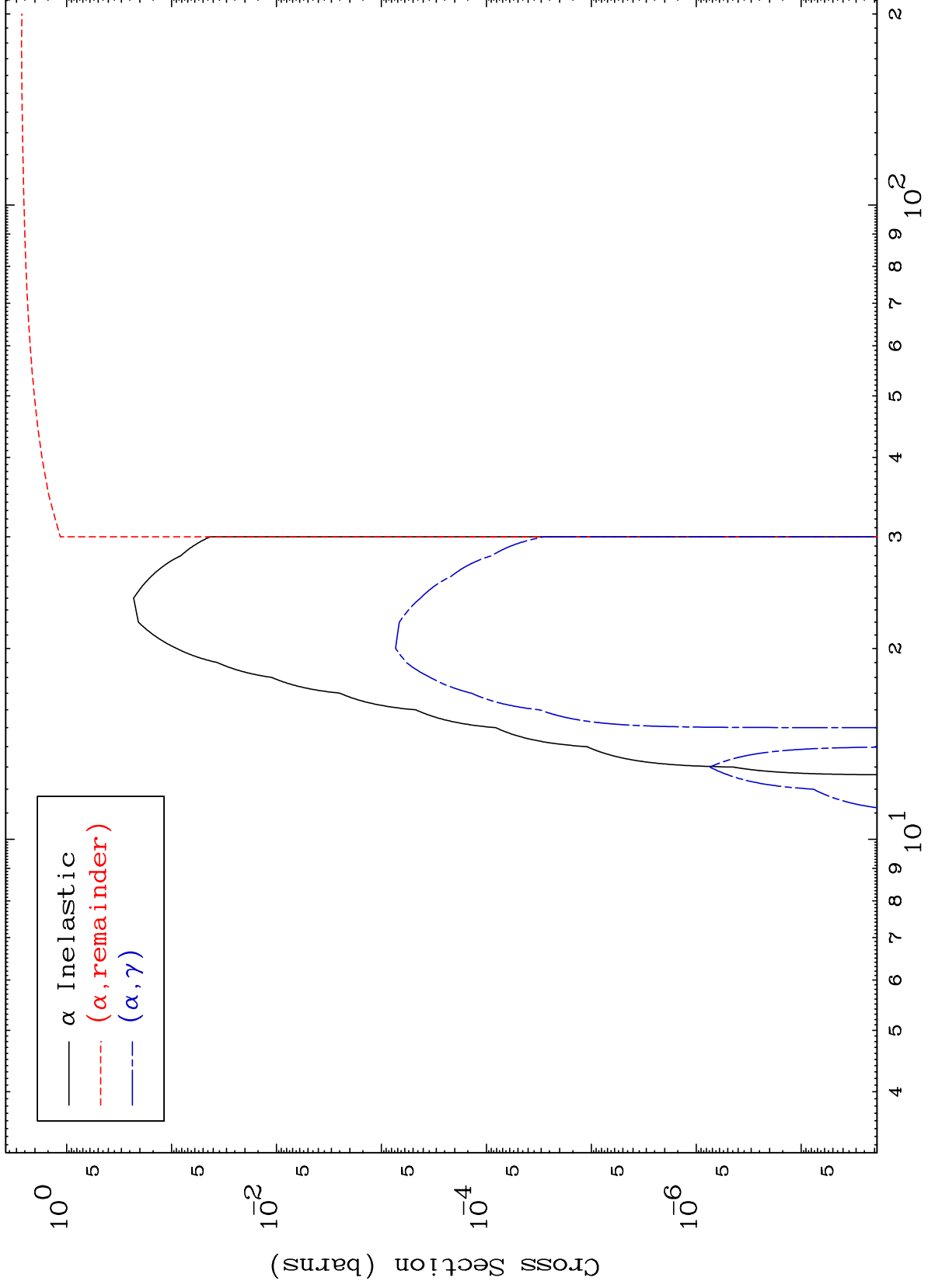
Press Mouse Button to Start

MAT 7713

α Major

77-Ir-187

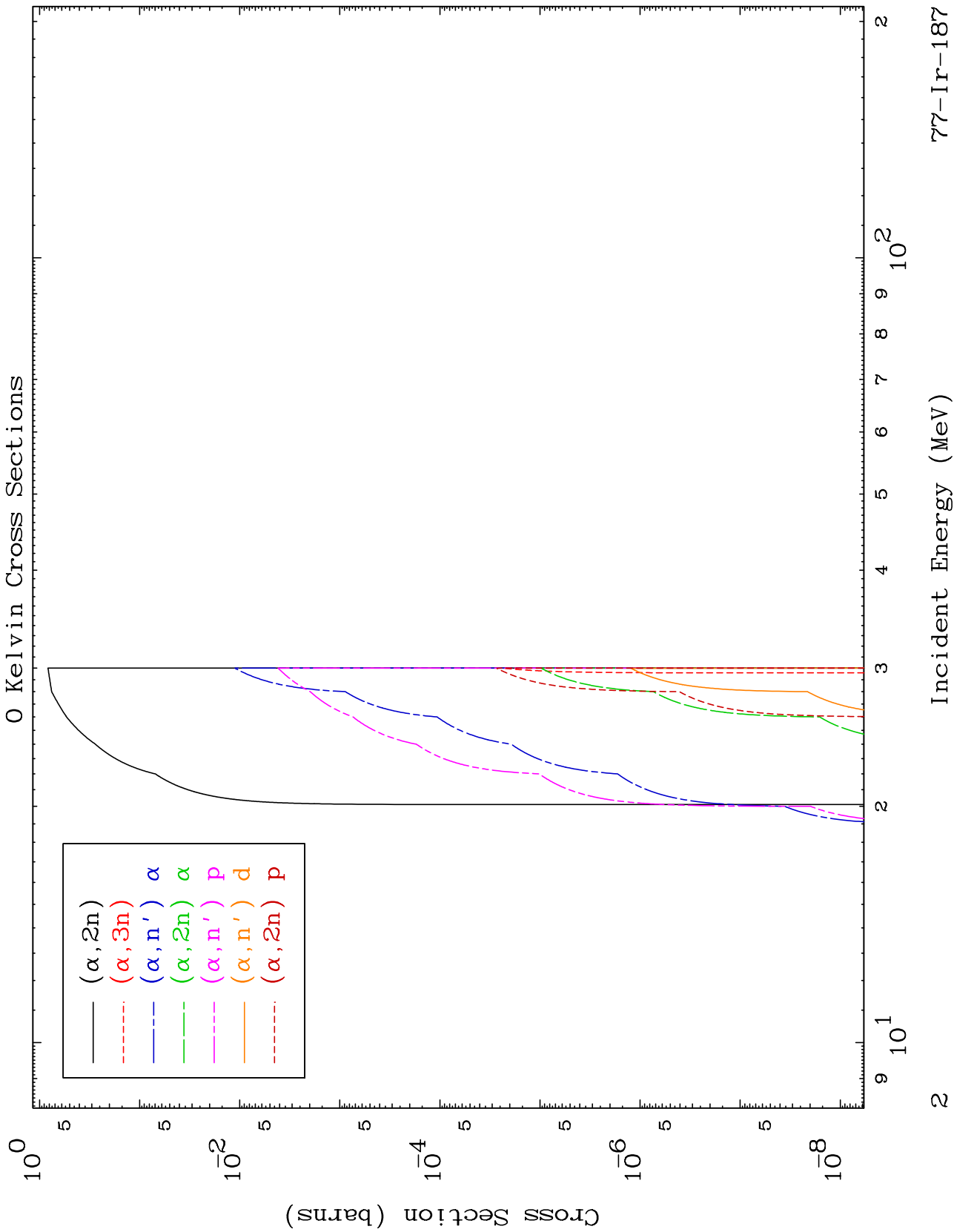
0 Kelvin Cross Sections



MAT 7713

α Neutron Production
0 Kelvin Cross Sections

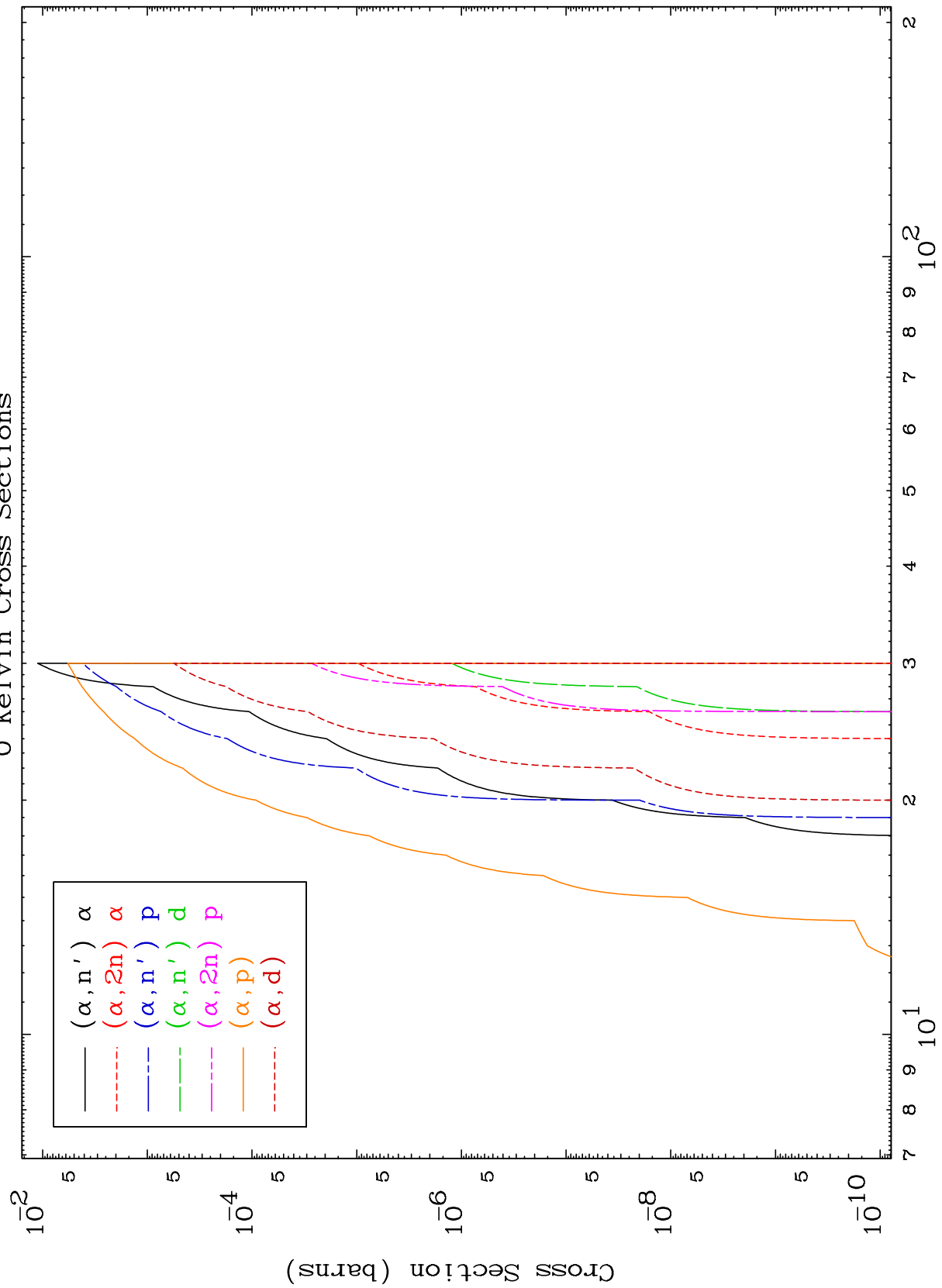
77-Ir-187



77-Ir-187

Incident Energy (MeV)

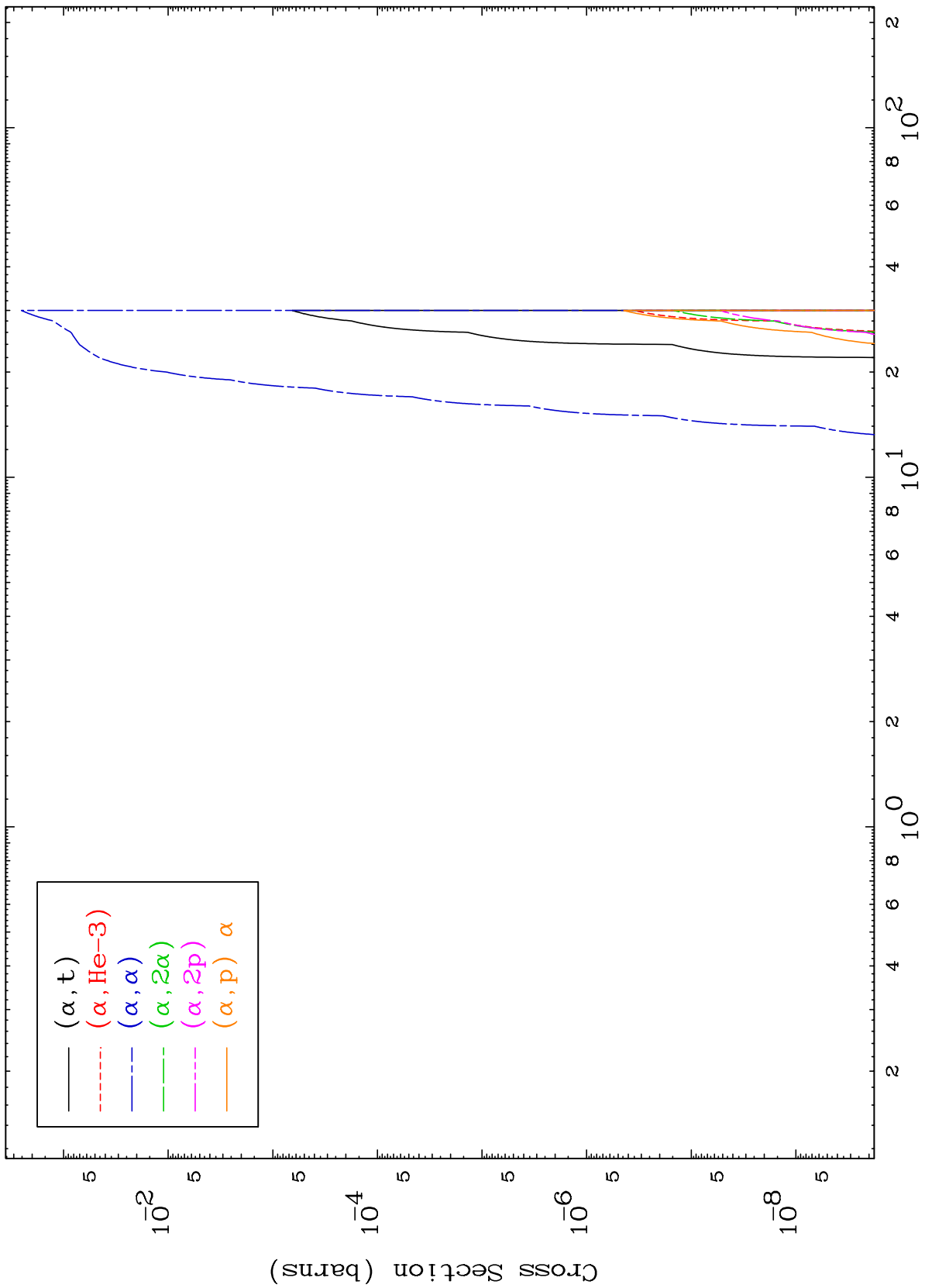
2



MAT 7713

α Charged Particle
0 Kelvin Cross Sections

77-Ir-187



77-Ir-187

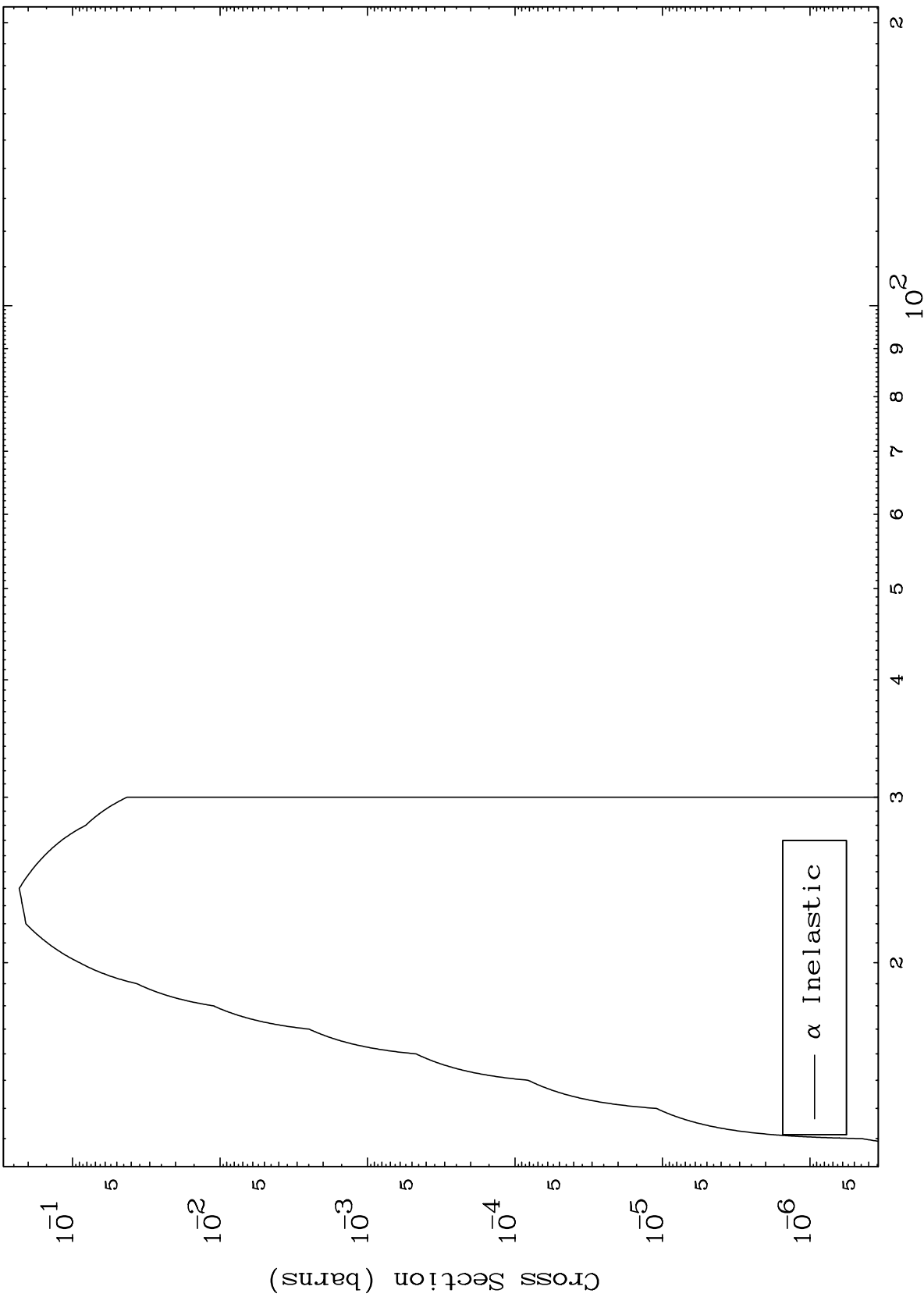
Incident Energy (MeV)

MAT 7713

(α, n') Level

77-Ir-187

0 Kelvin Cross Sections



Incident Energy (MeV)

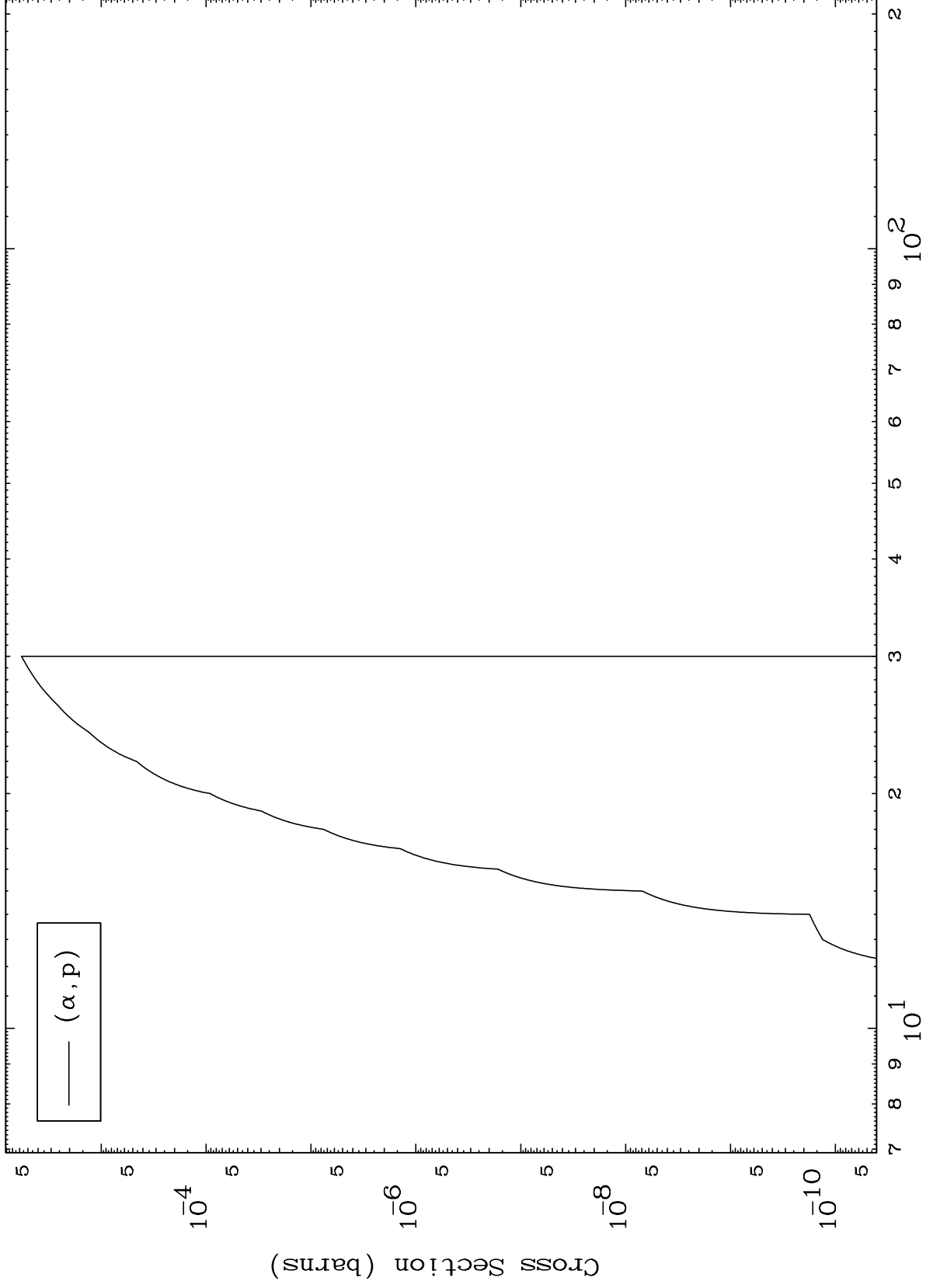
77-Ir-187

5

MAT 7713

(α, p) Levels
0 Kelvin Cross Sections

77-Ir-187



6

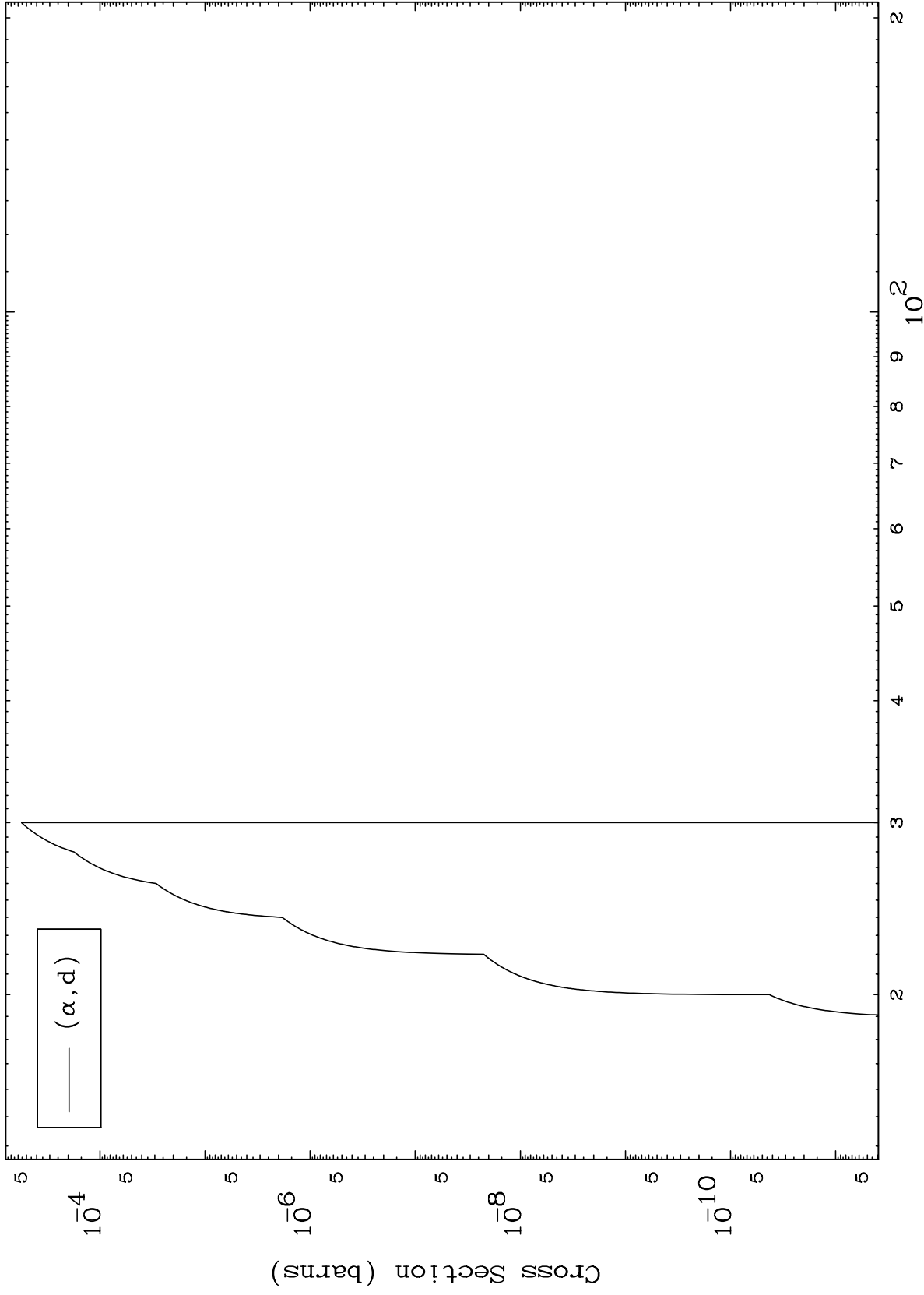
Incident Energy (MeV)

77-Ir-187

MAT 7713

(α, d) Levels
0 Kelvin Cross Sections

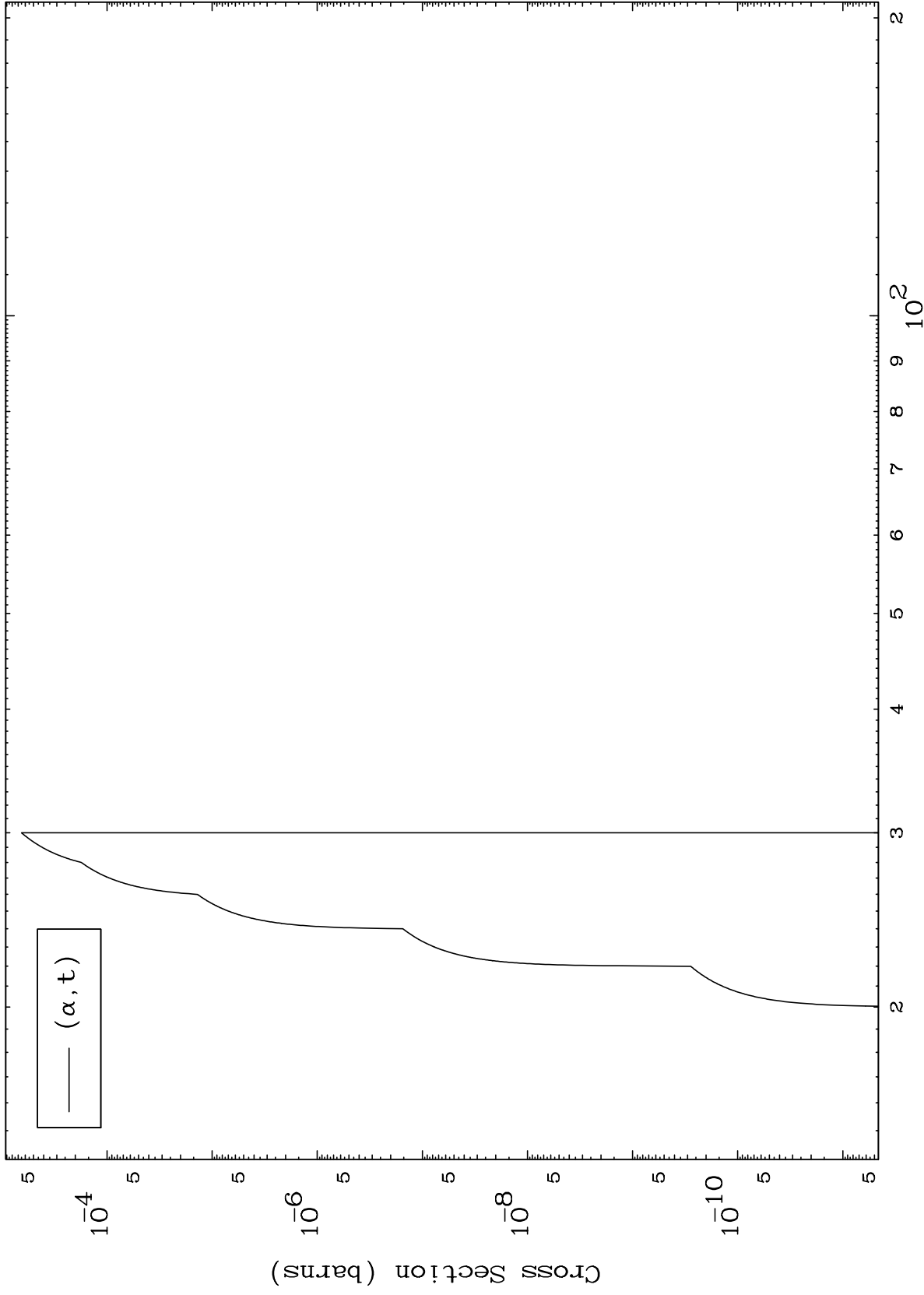
77-Ir-187



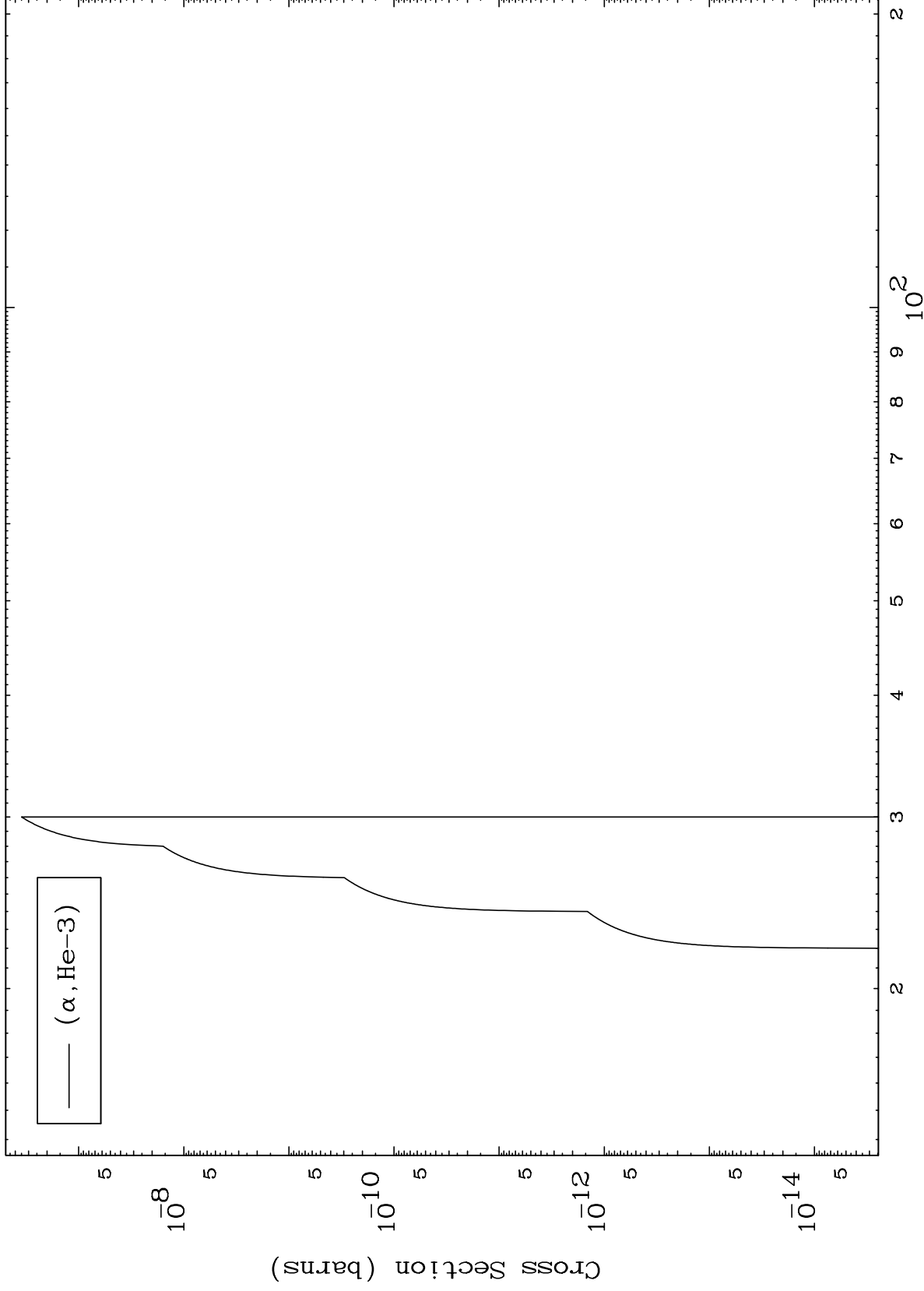
7

Incident Energy (MeV)

77-Ir-187



0 Kelvin Cross Sections

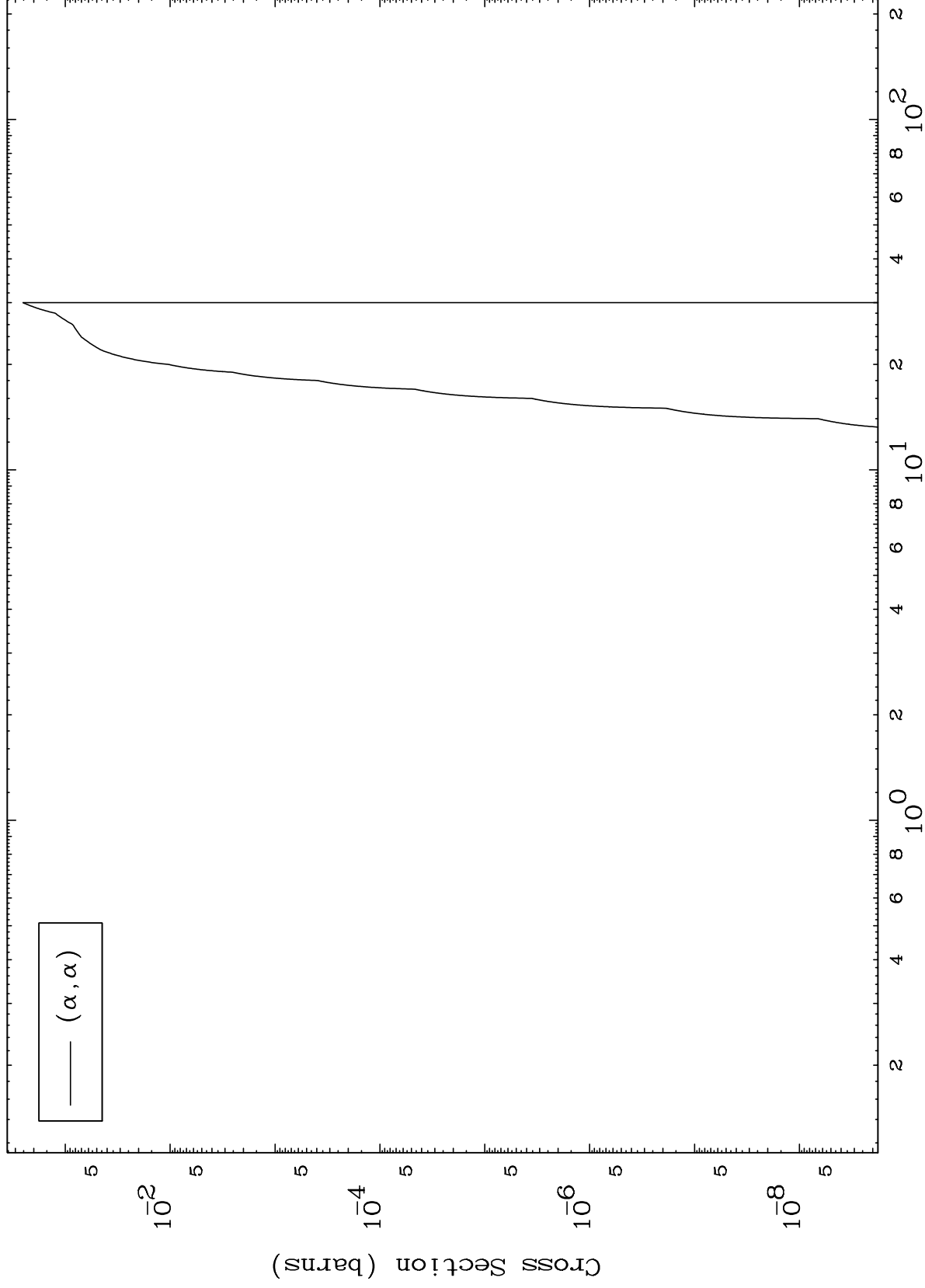


(α , He-3)

MAT 7713

77-Ir-187

(α, α) Levels
0 Kelvin Cross Sections



77-Ir-187

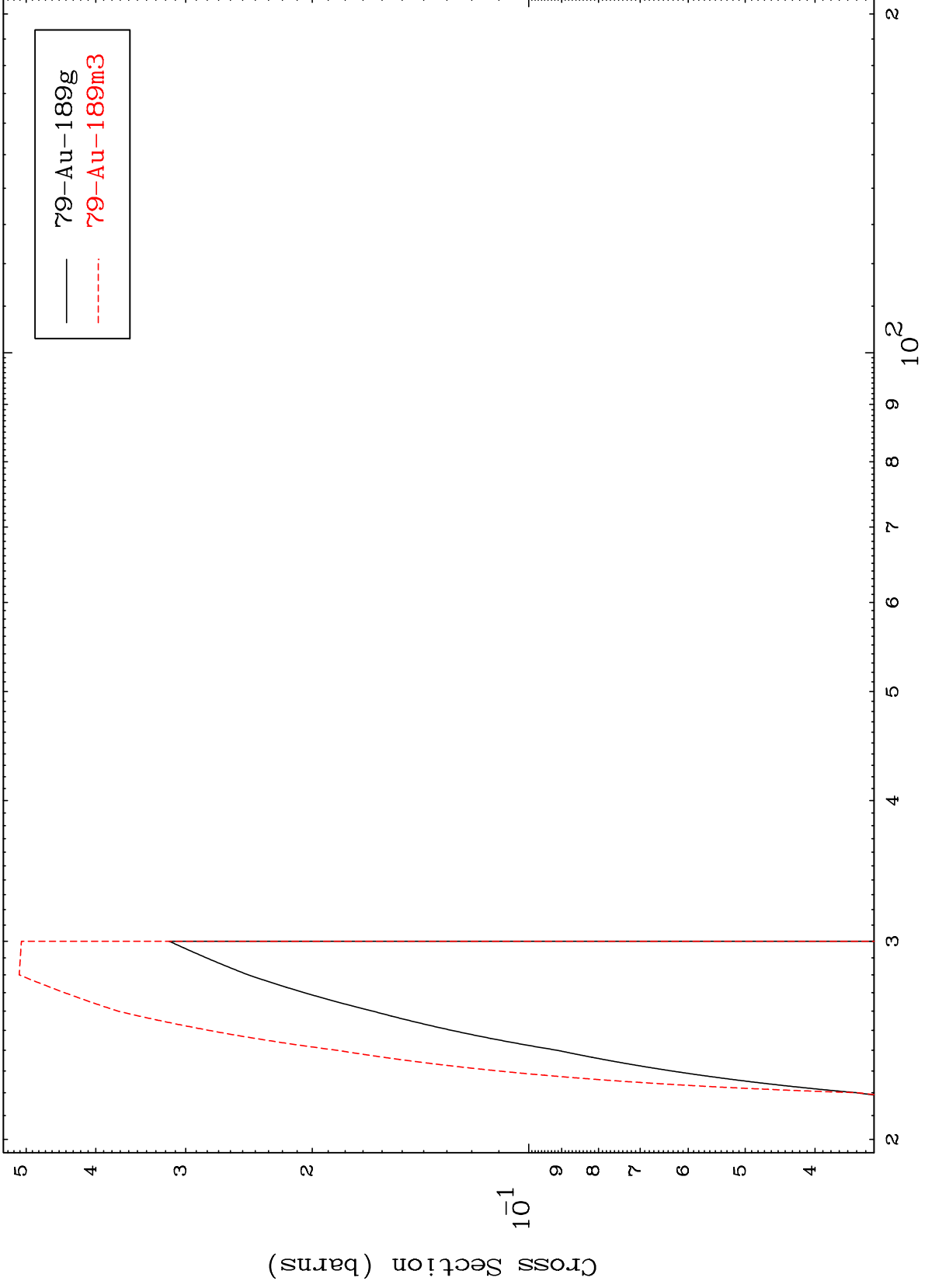
Incident Energy (MeV)

10

MAT 7713

77-Ir-187

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



11

Incident Energy (MeV)

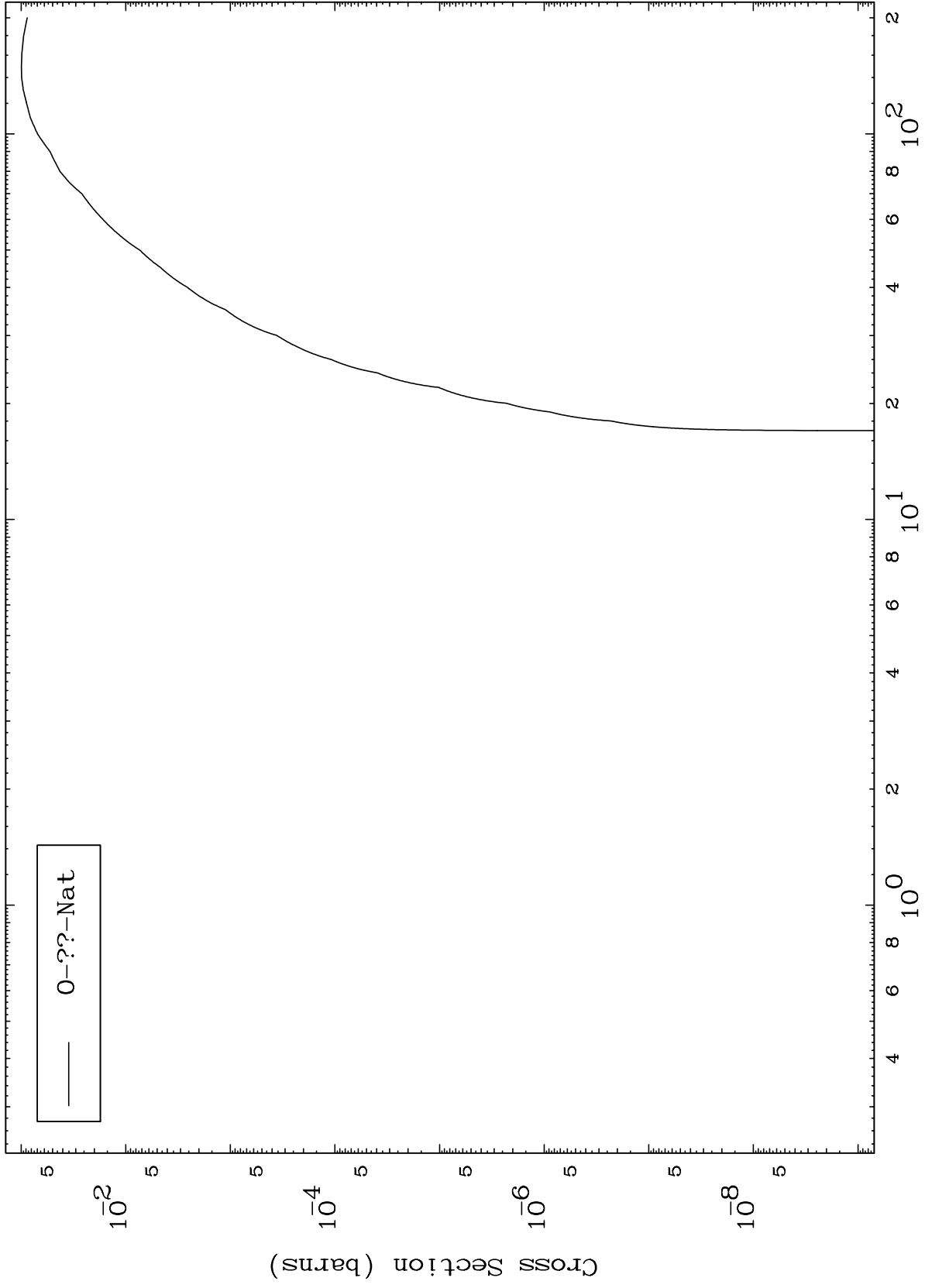
77-Ir-187

MAT 7713

α Fission

77-Ir-187

Radionuclide Production Cross Section



12

Incident Energy (MeV)

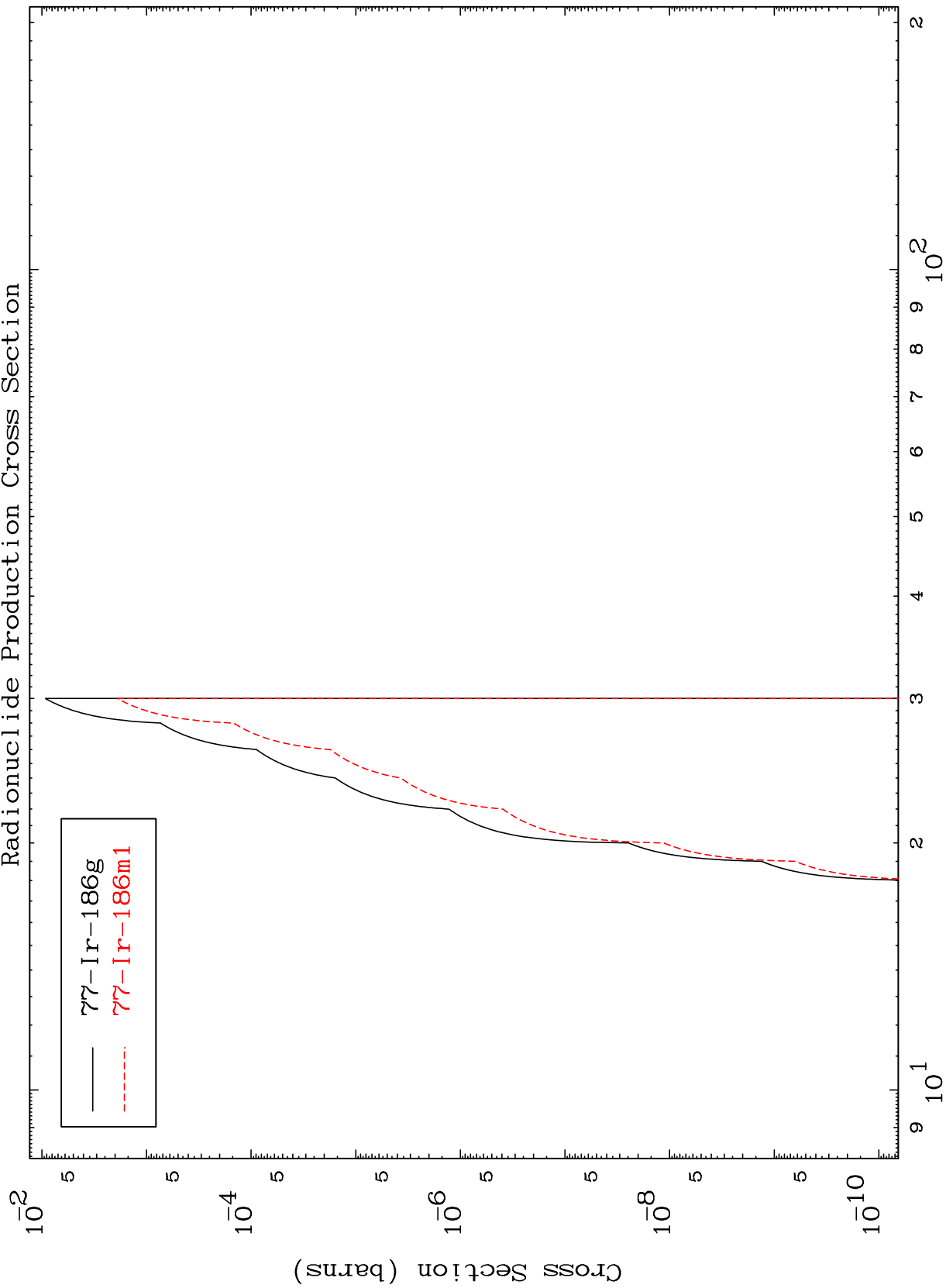
77-Ir-187

MAT 7713

(α, n') α

⁷⁷Ir-187

Radionuclide Production Cross Section



13

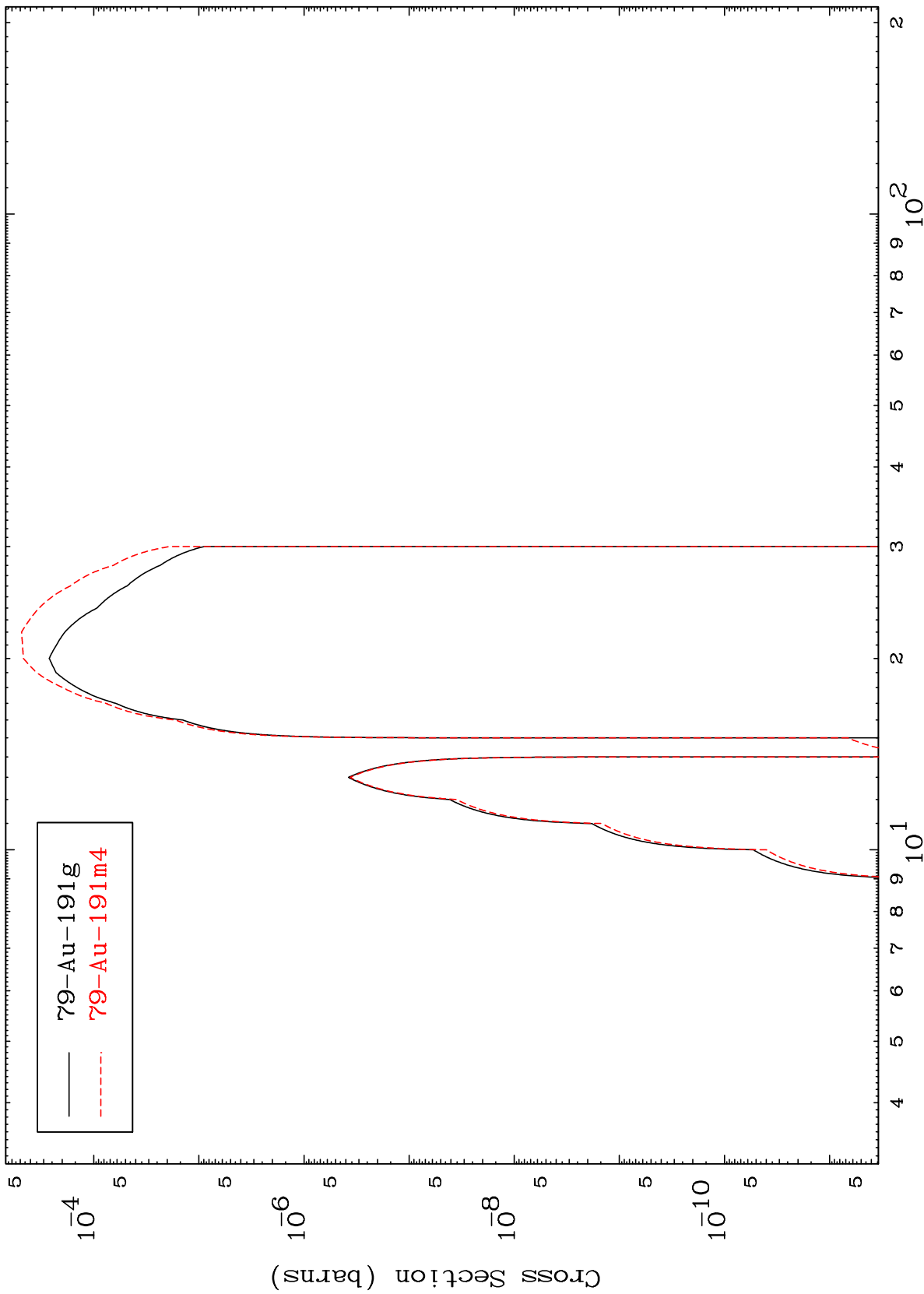
Incident Energy (MeV)

⁷⁷Ir-187

MAT 7713

⁷⁷Ir-187

(α, γ)
Radionuclide Production Cross Section



— ⁷⁹Au-191g
- - - ⁷⁹Au-191m4

⁷⁷Ir-187

Incident Energy (MeV)

14