

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

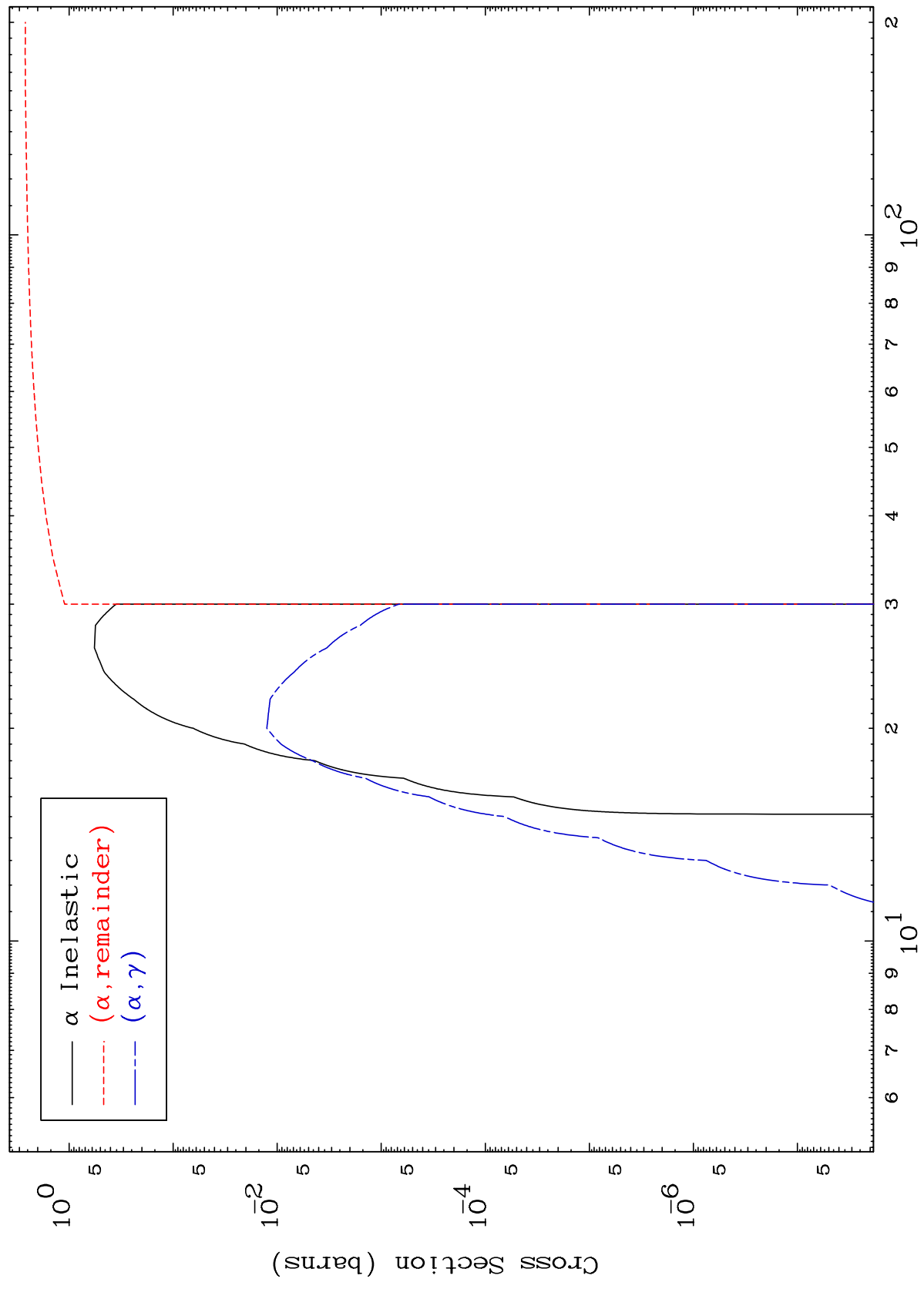
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

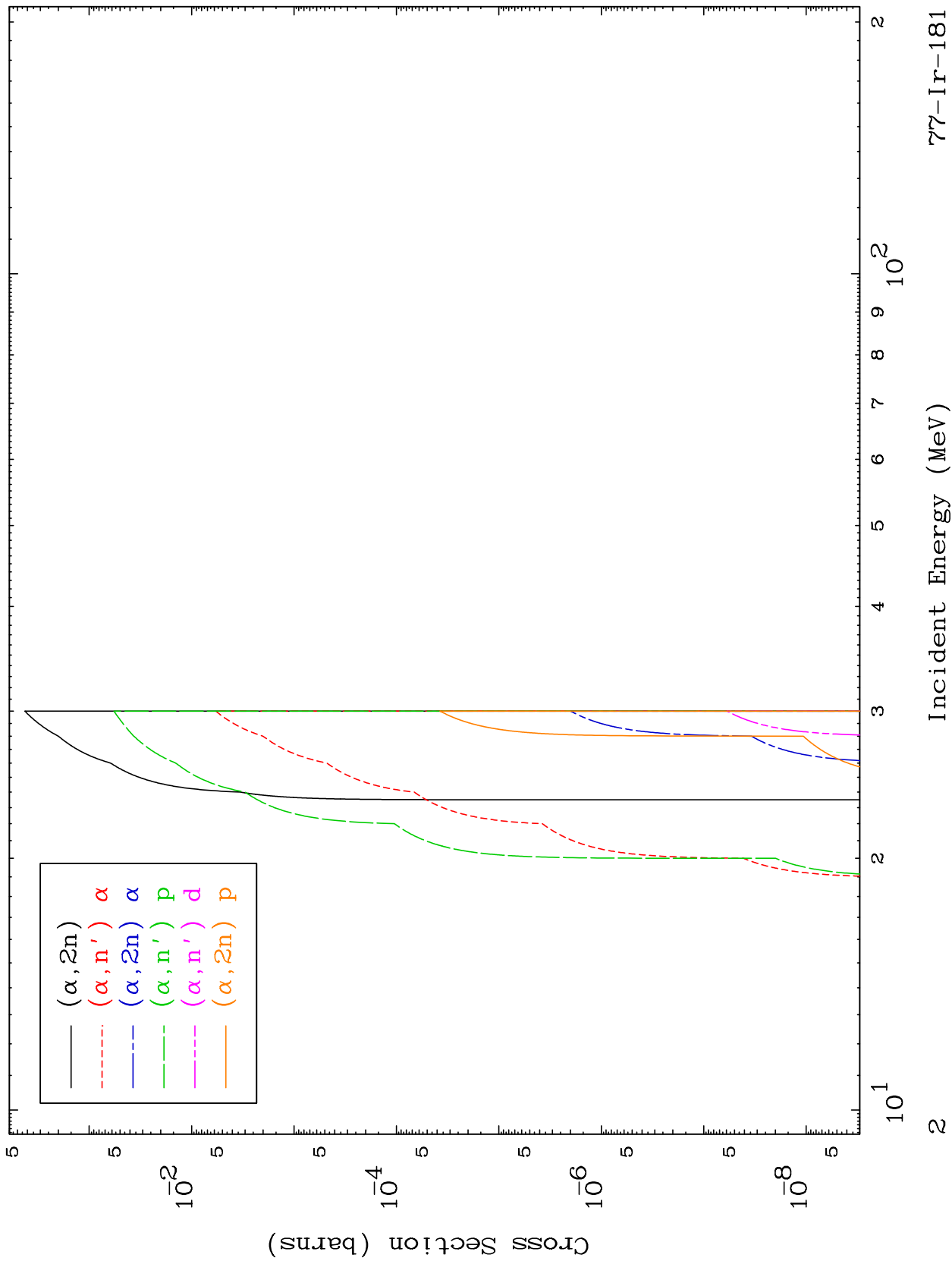
Press Mouse Button to Start



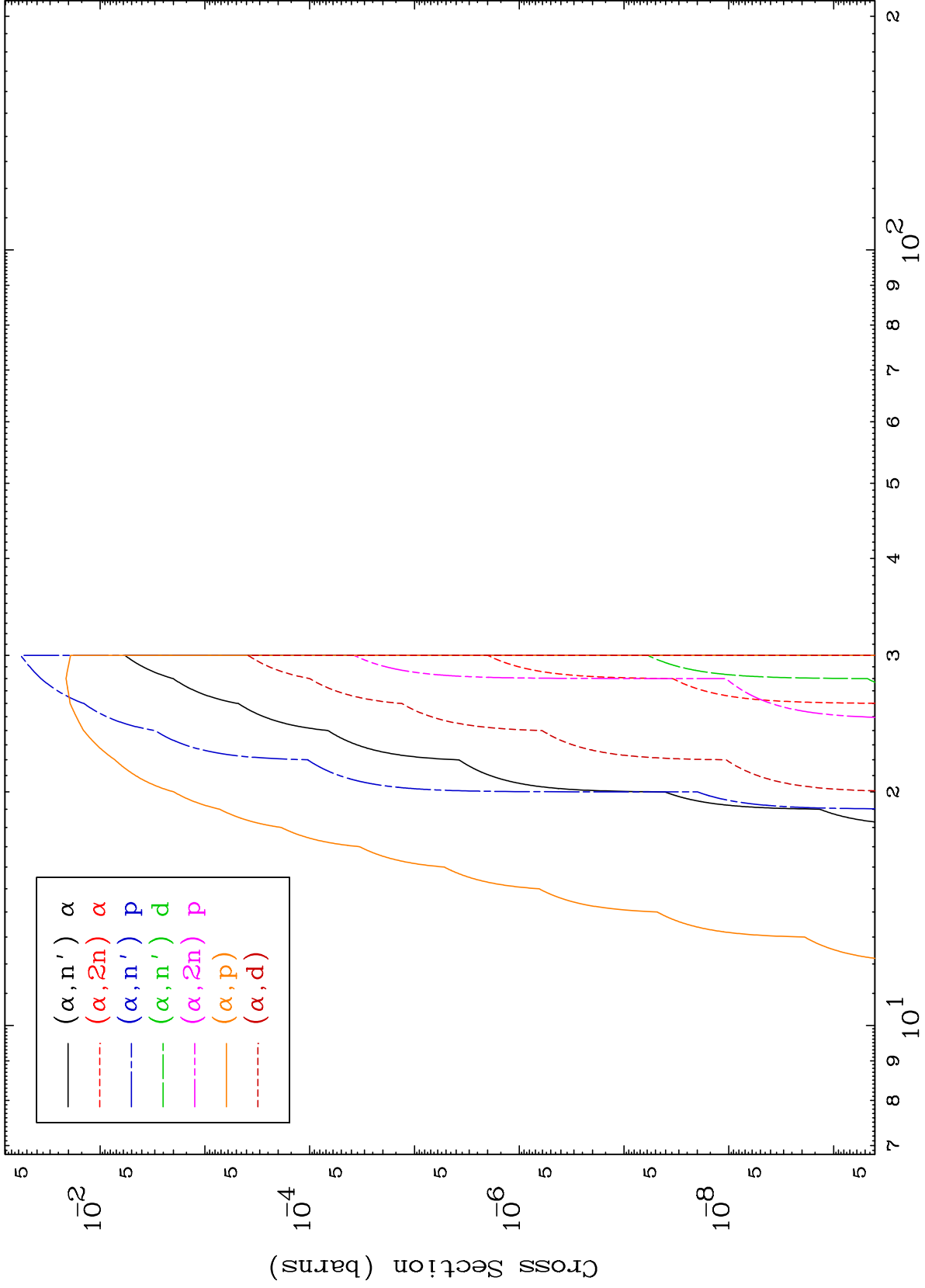
MAT 7695

α Neutron Production
0 Kelvin Cross Sections

⁷⁷Ir-181



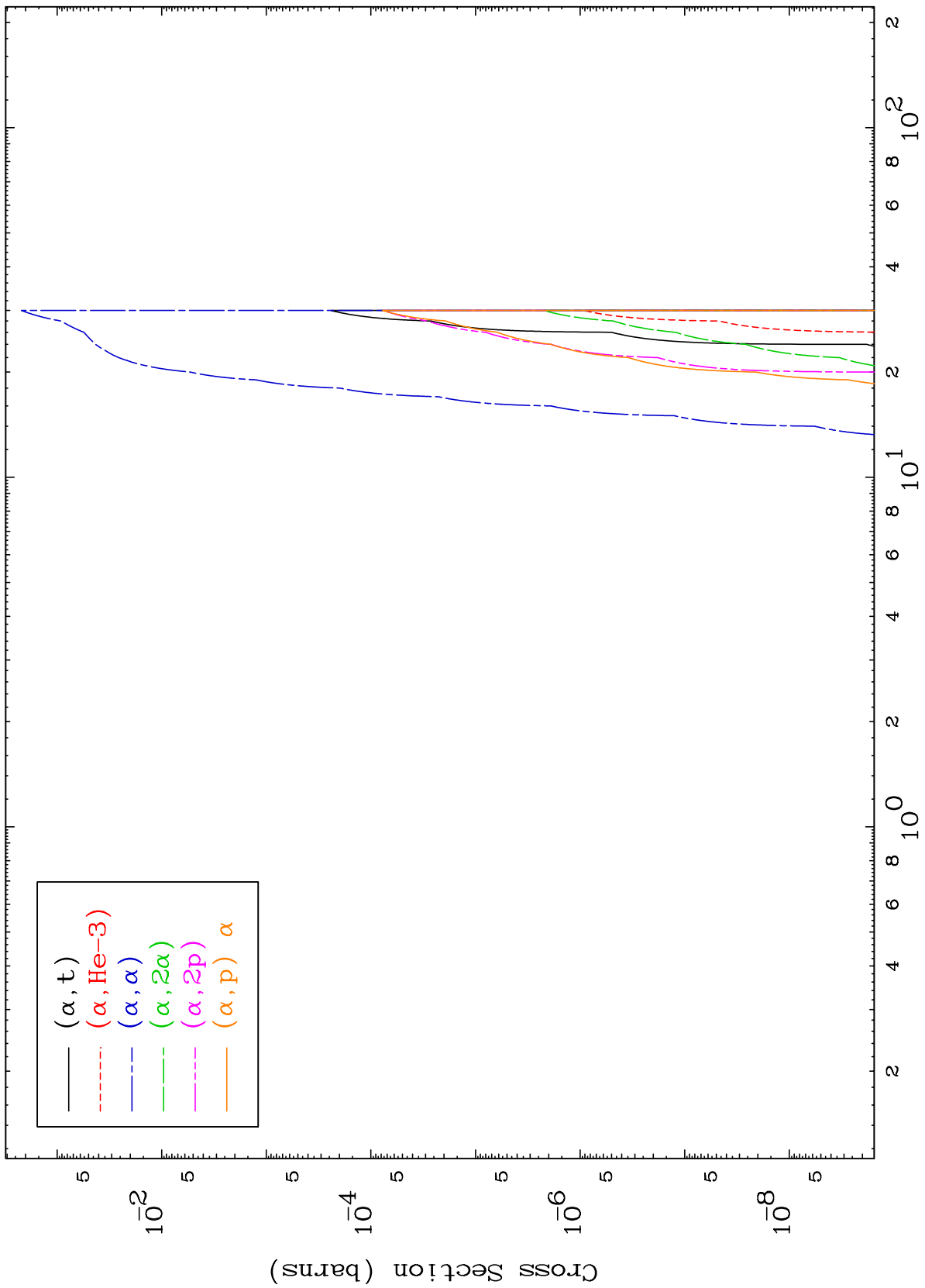
⁷⁷Ir-181



MAT 7695

α Charged Particle
0 Kelvin Cross Sections

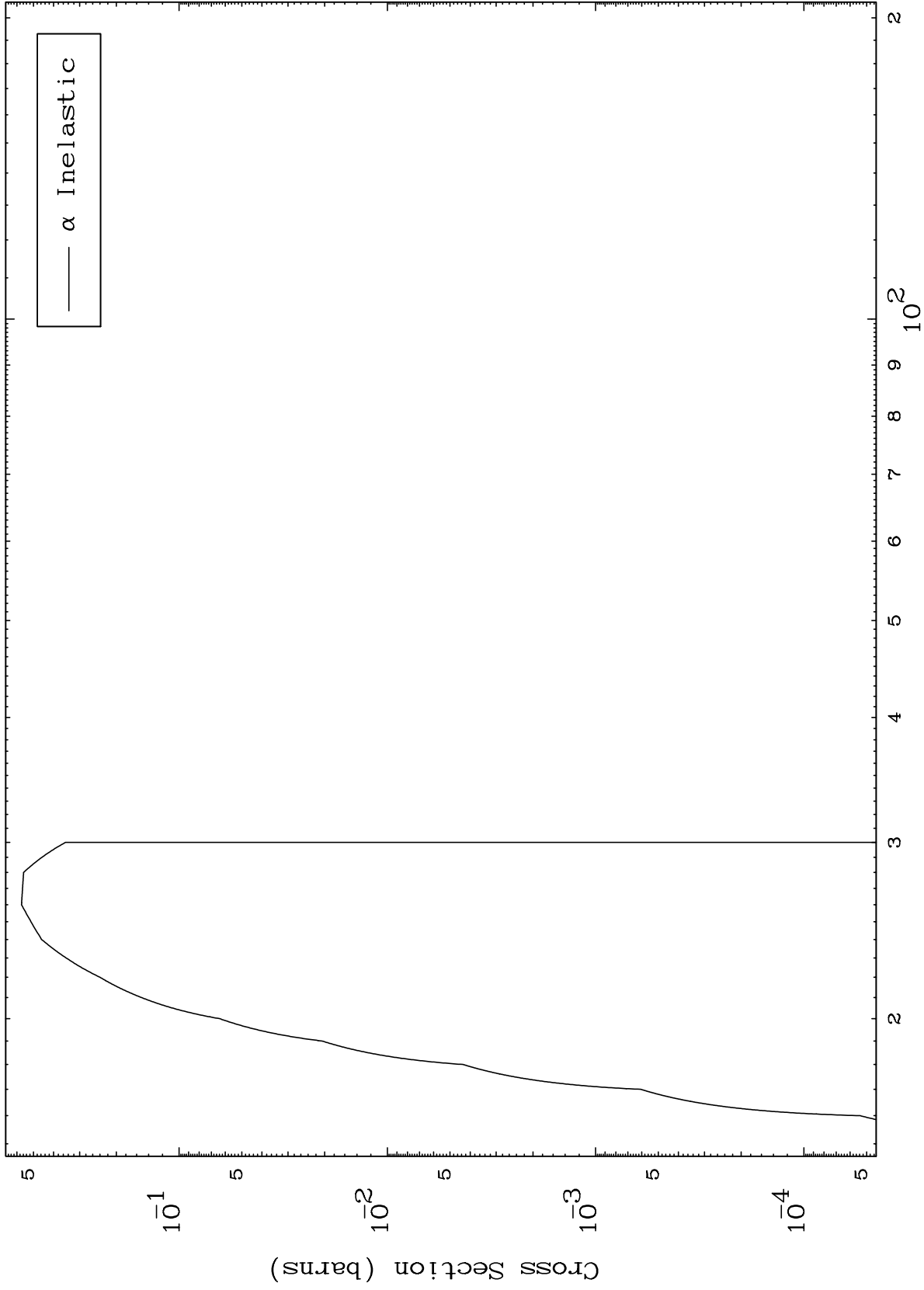
⁷⁷Ir-181



MAT 7695

77-Ir-181

(α, n') Level
0 Kelvin Cross Sections



77-Ir-181

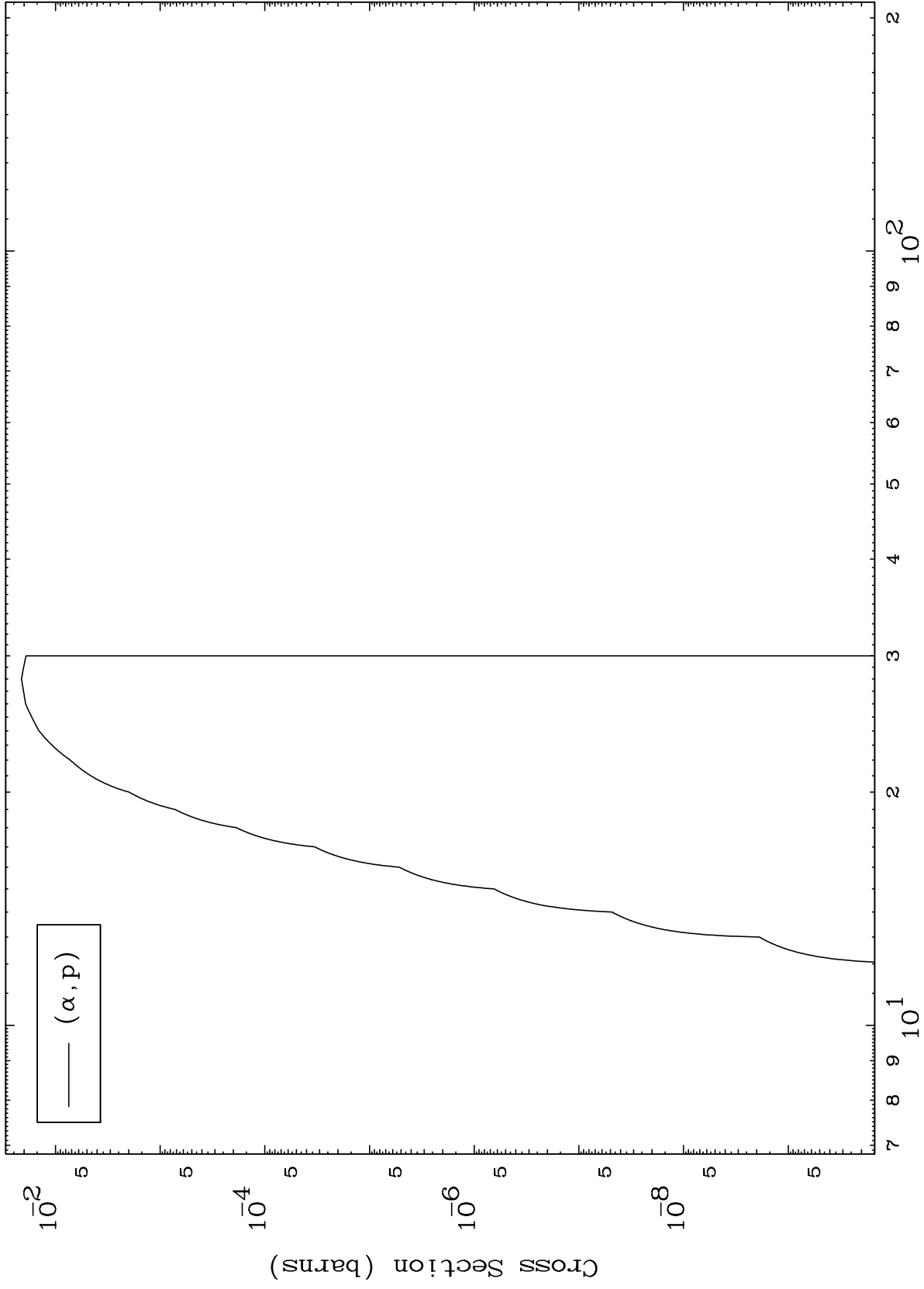
Incident Energy (MeV)

5

MAT 7695

(α, p) Levels
0 Kelvin Cross Sections

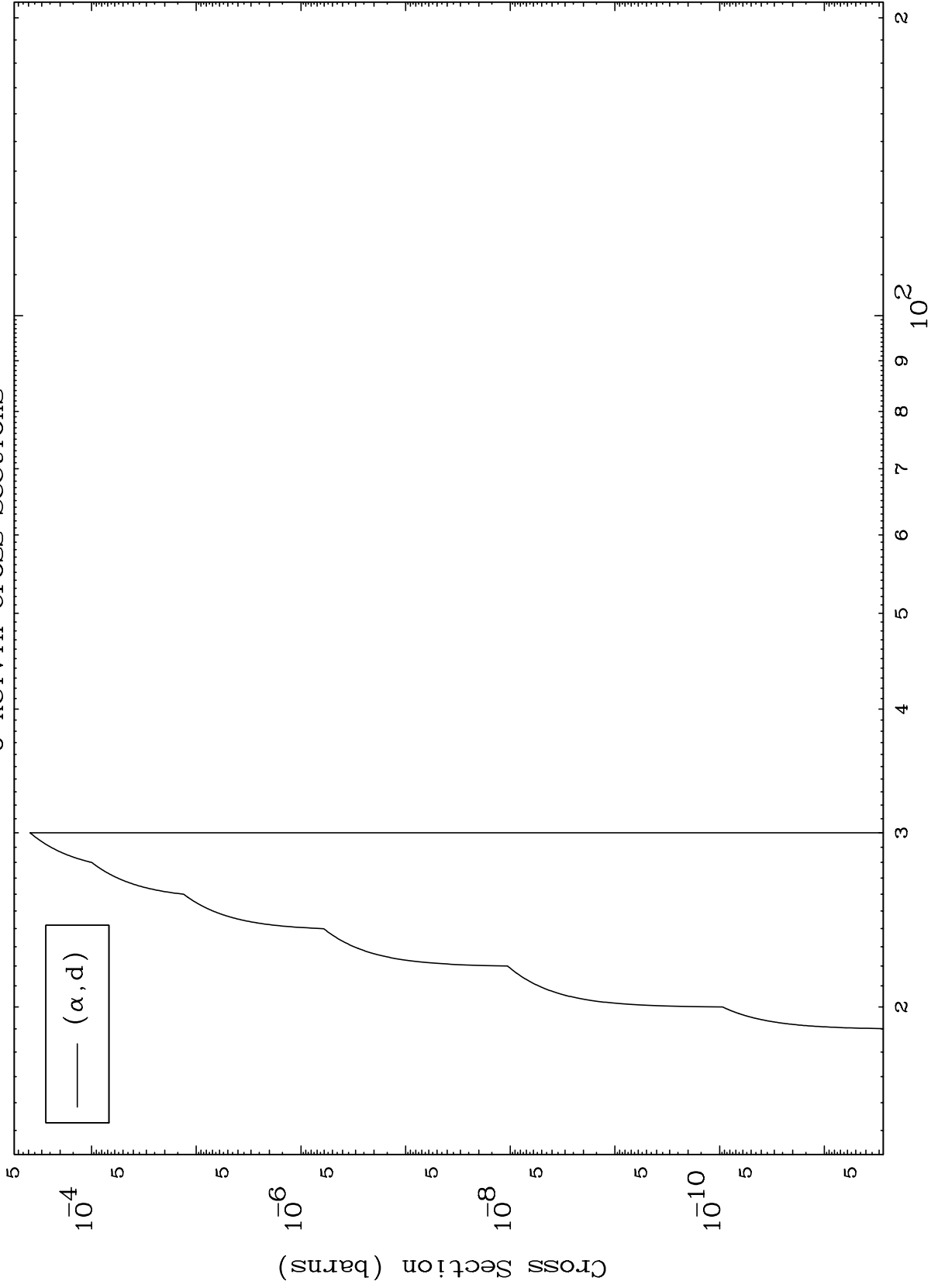
⁷⁷Ir-181



6

Incident Energy (MeV)

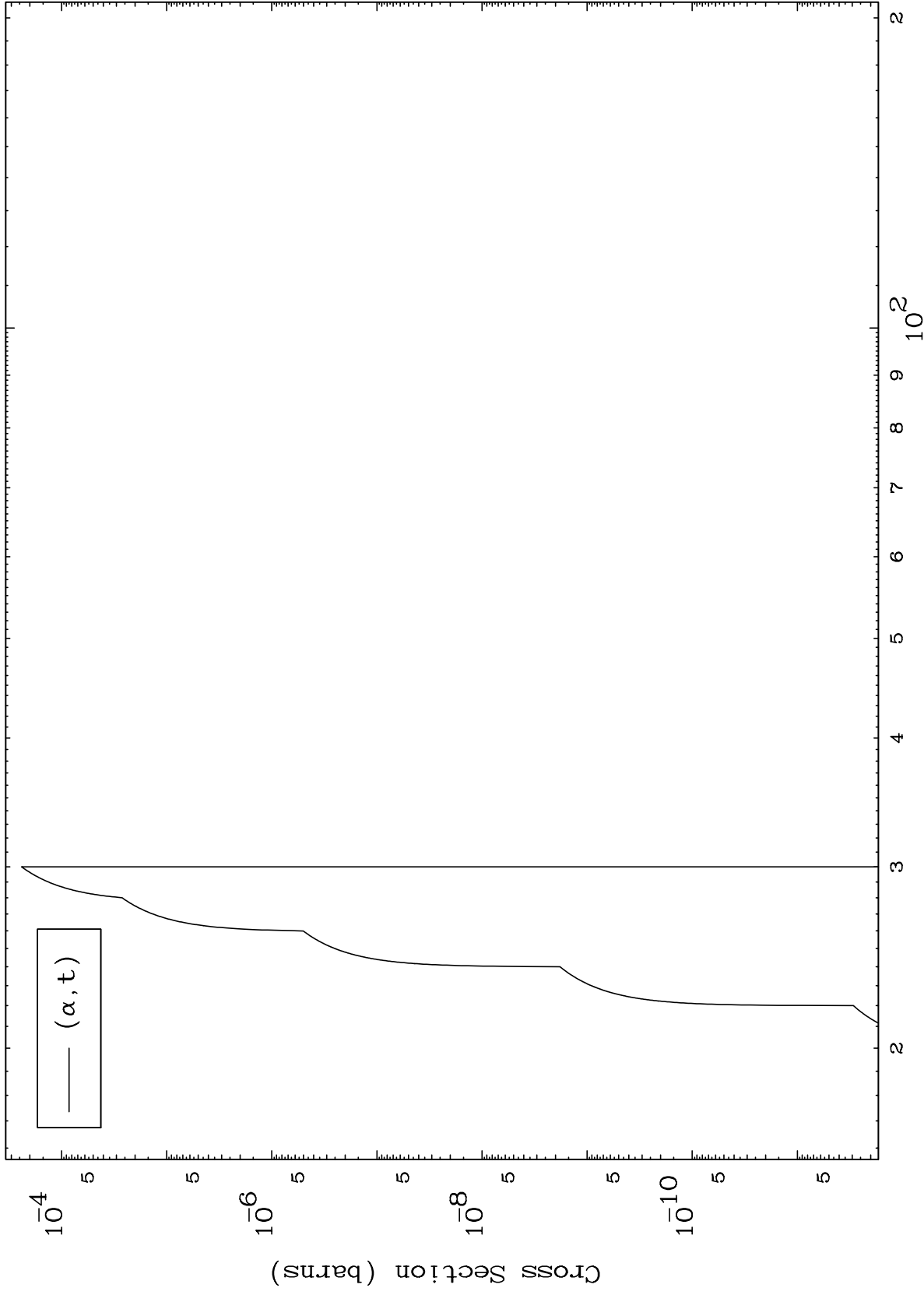
⁷⁷Ir-181



MAT 7695

(α, t) Levels
0 Kelvin Cross Sections

77-Ir-181

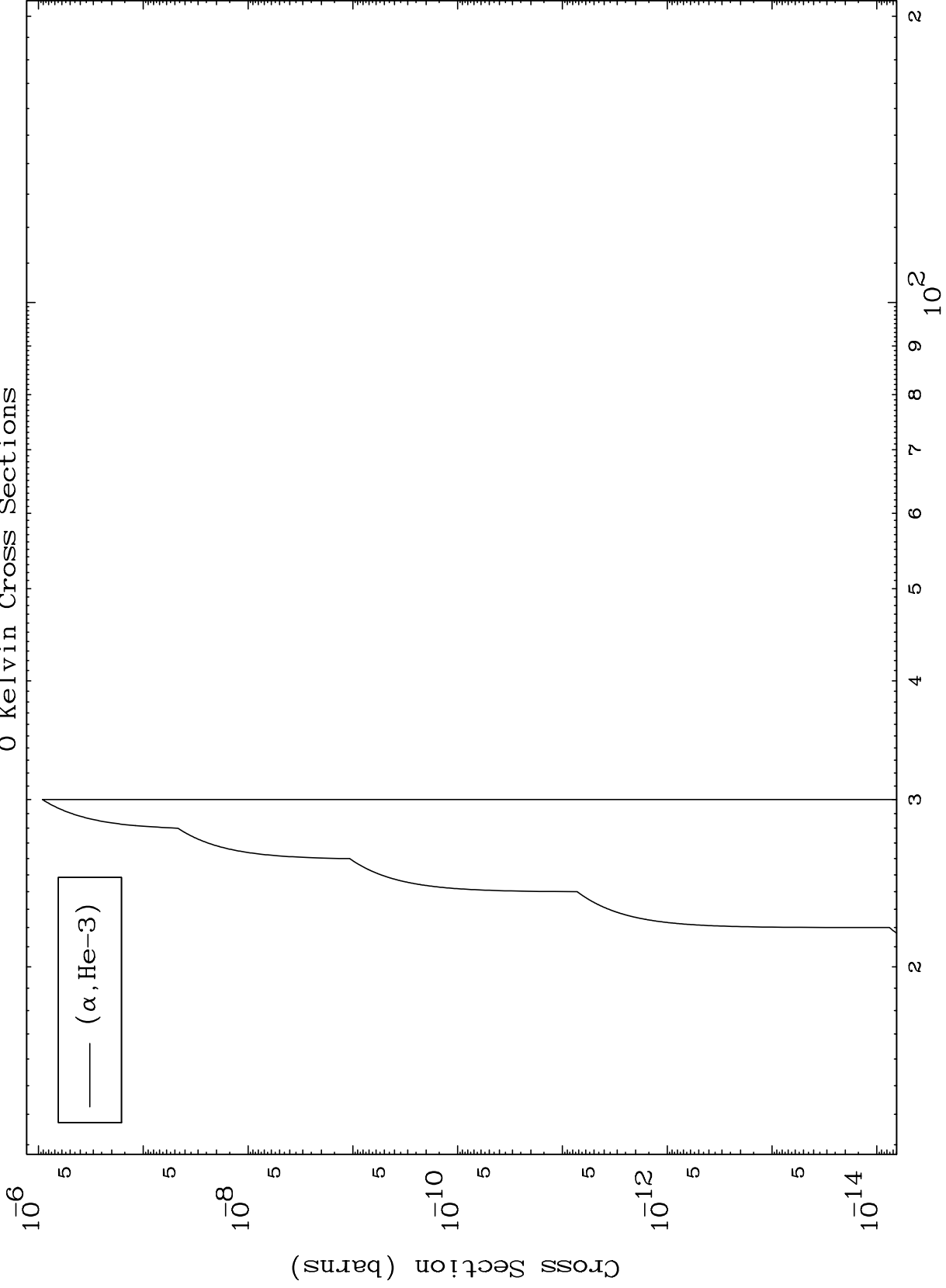


8

Incident Energy (MeV)

77-Ir-181

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

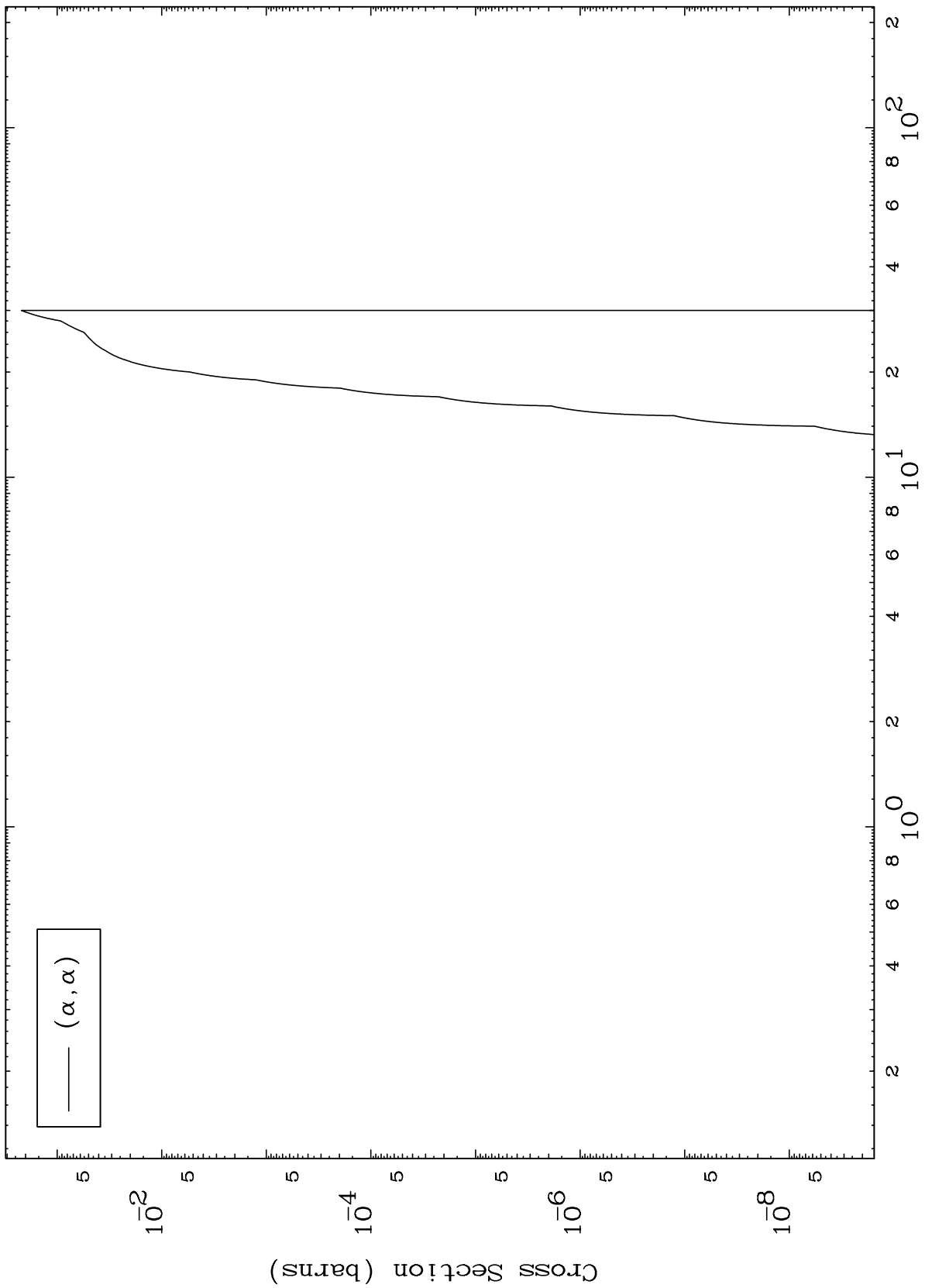


MAT 7695

(α, α) Levels

⁷⁷Ir-181

0 Kelvin Cross Sections

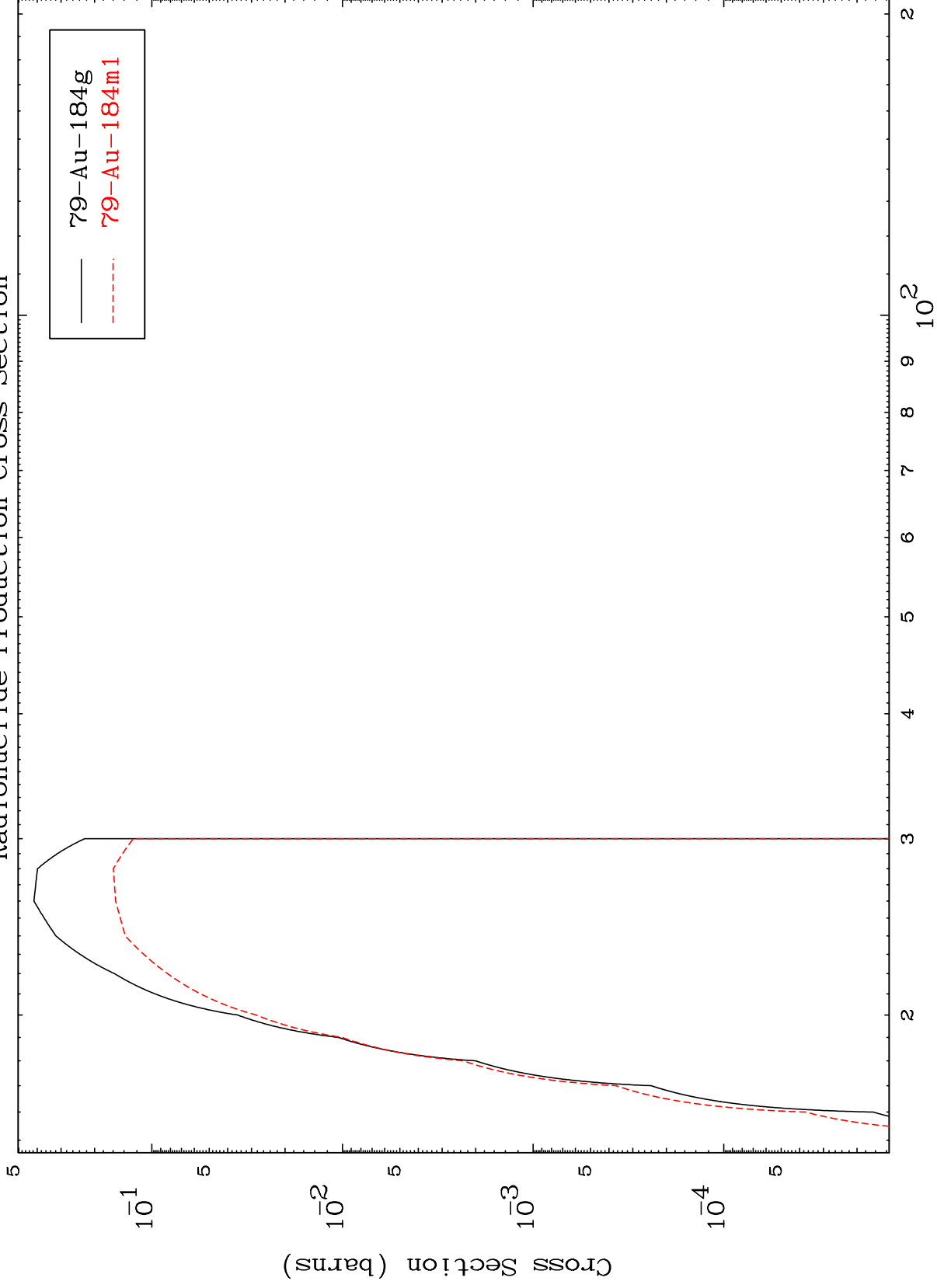


10

Incident Energy (MeV)

⁷⁷Ir-181

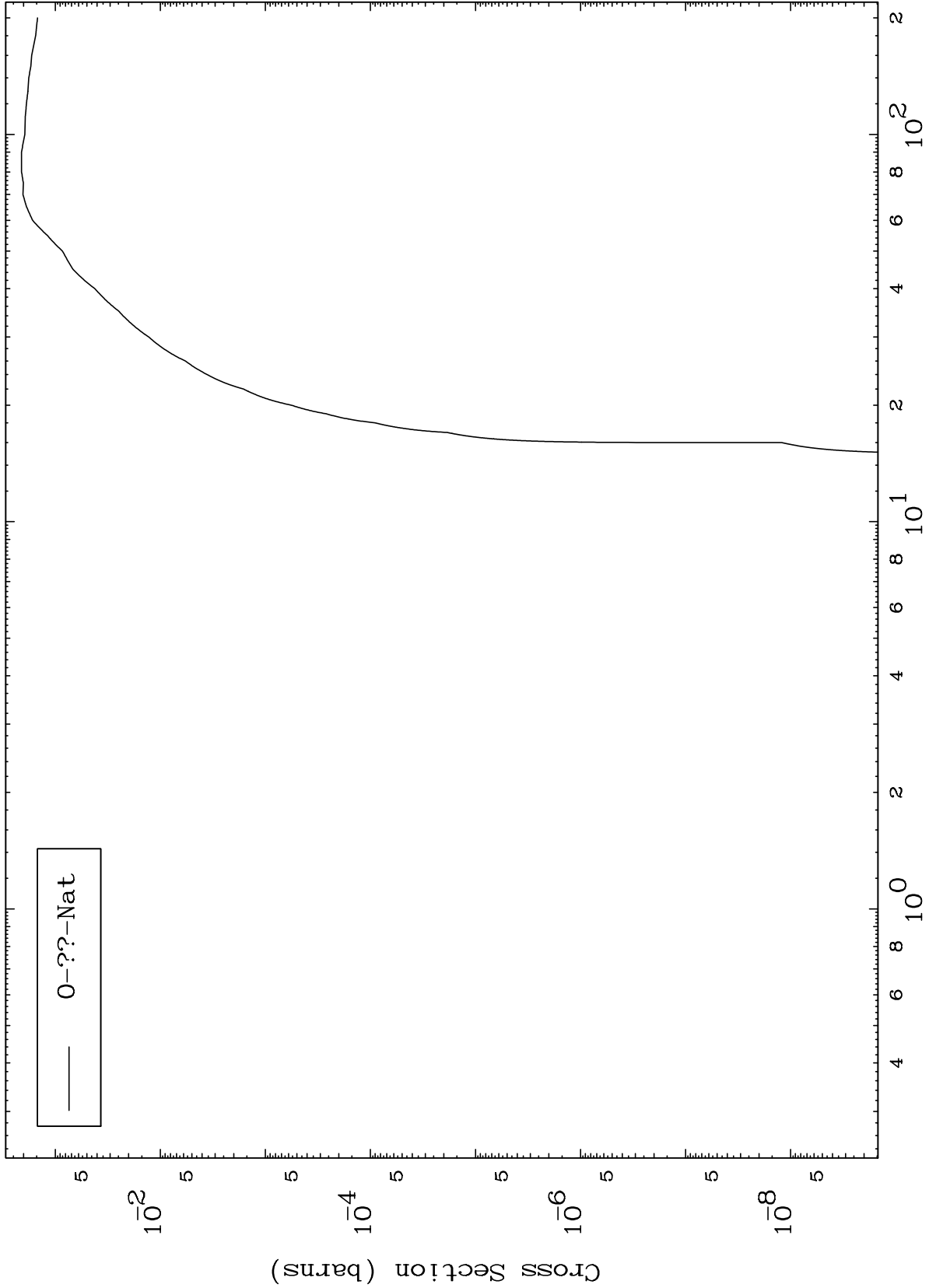
Radionuclide Production Cross Section



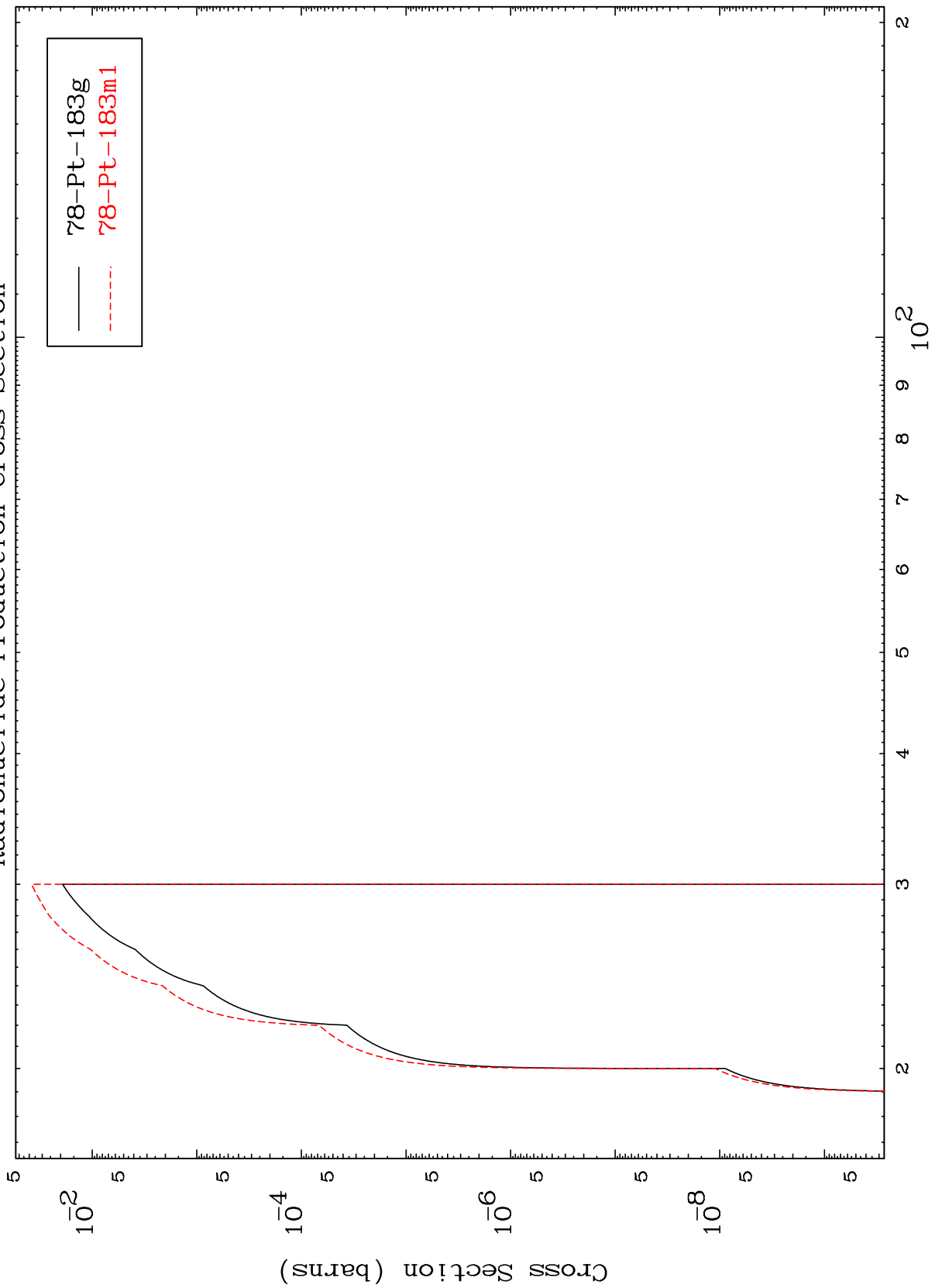
MAT 7695

⁷⁷Ir-181

^α Fission
Radionuclide Production Cross Section



(α, n') p
Radionuclide Production Cross Section

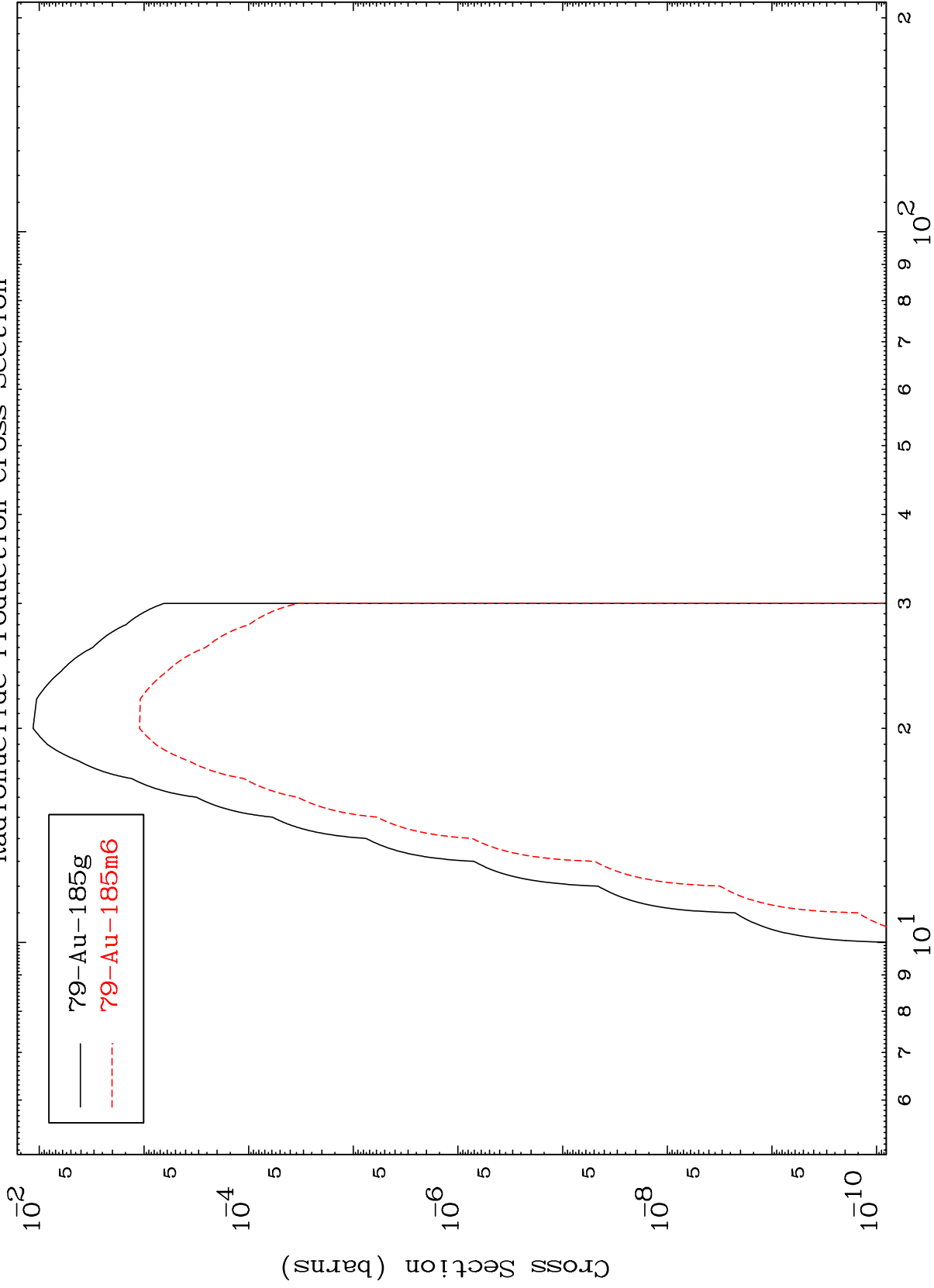


78-Pt-183g
78-Pt-183m1

MAT 7695

⁷⁷Ir-181

Radionuclide Production Cross Section
(α, γ)



⁷⁷Ir-181

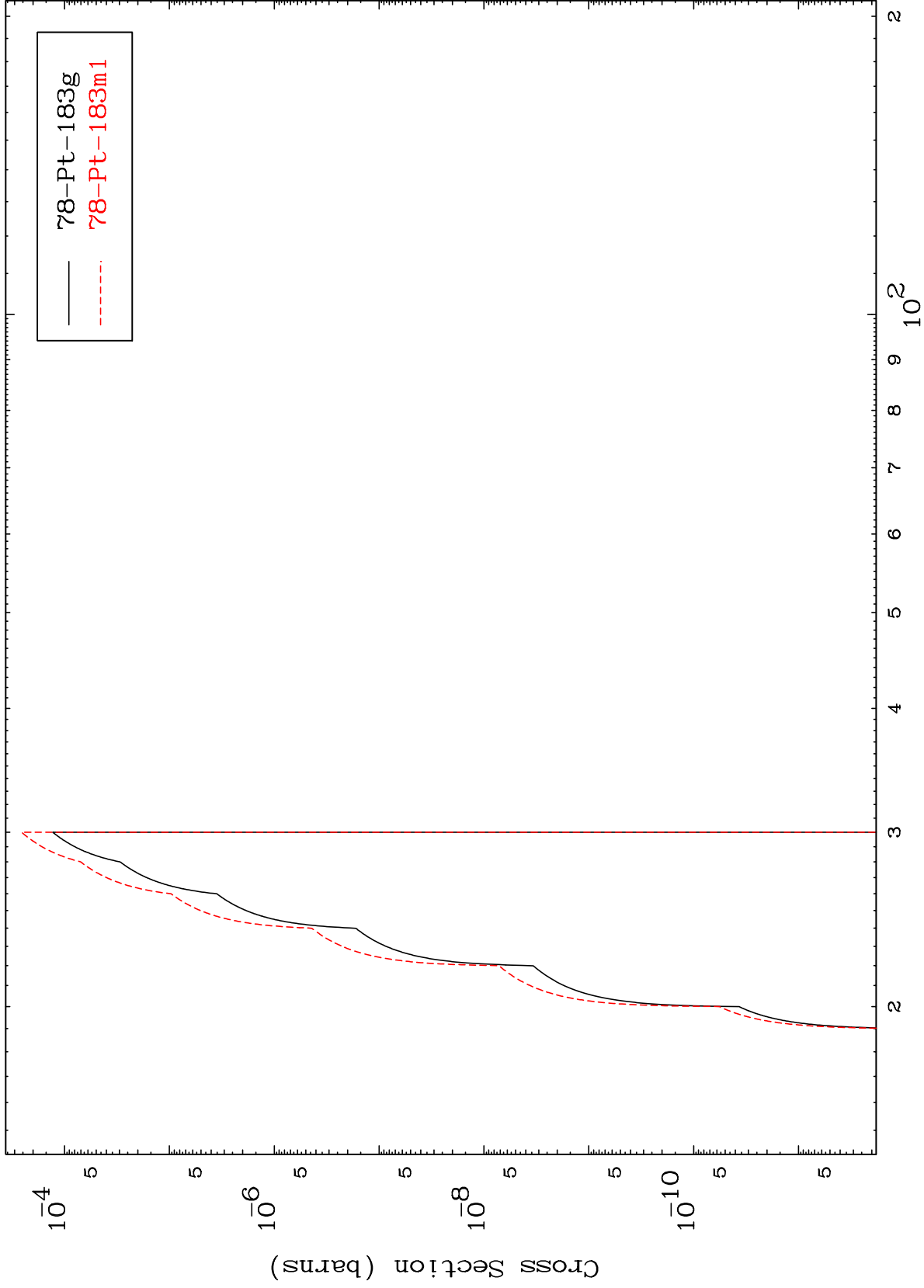
Incident Energy (MeV)

14

MAT 7695

77-Ir-181

(α, d)
Radionuclide Production Cross Section



15

77-Ir-181

Incident Energy (MeV)