

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

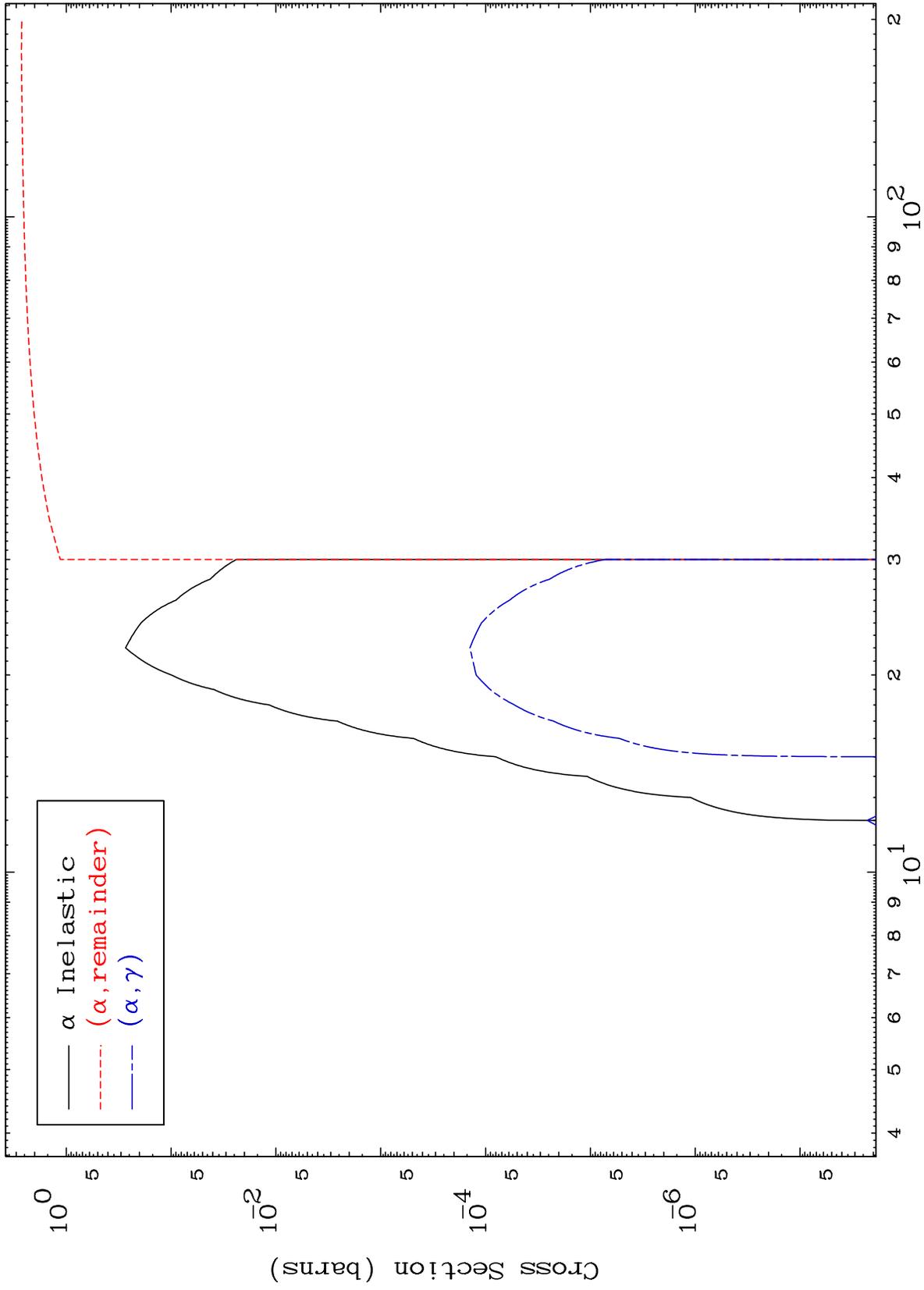
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7711

0 Kelvin α Major
Cross Sections

77-Ir-186



1

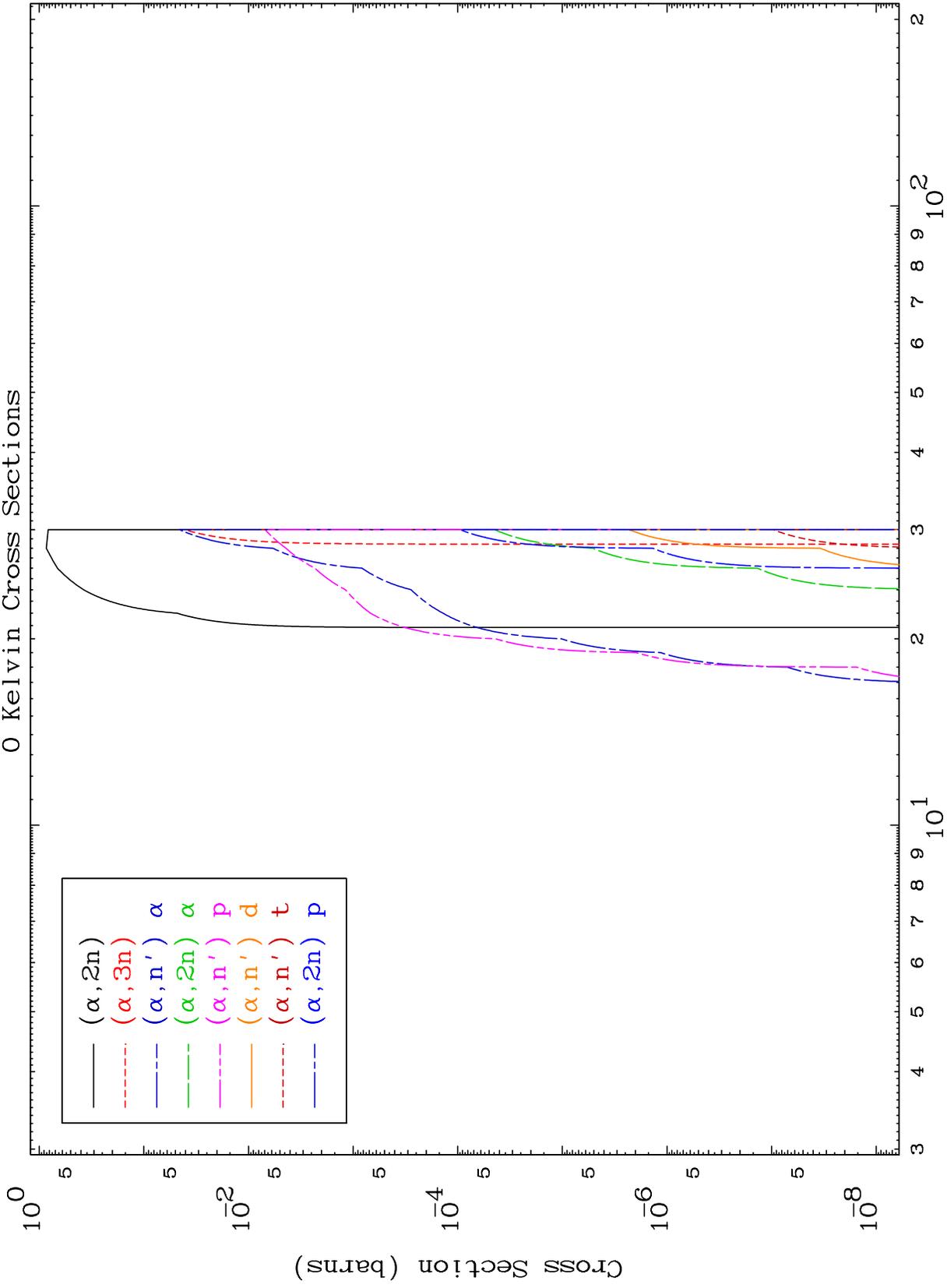
Incident Energy (MeV)

77-Ir-186

MAT 7711

α Neutron Production
0 Kelvin Cross Sections

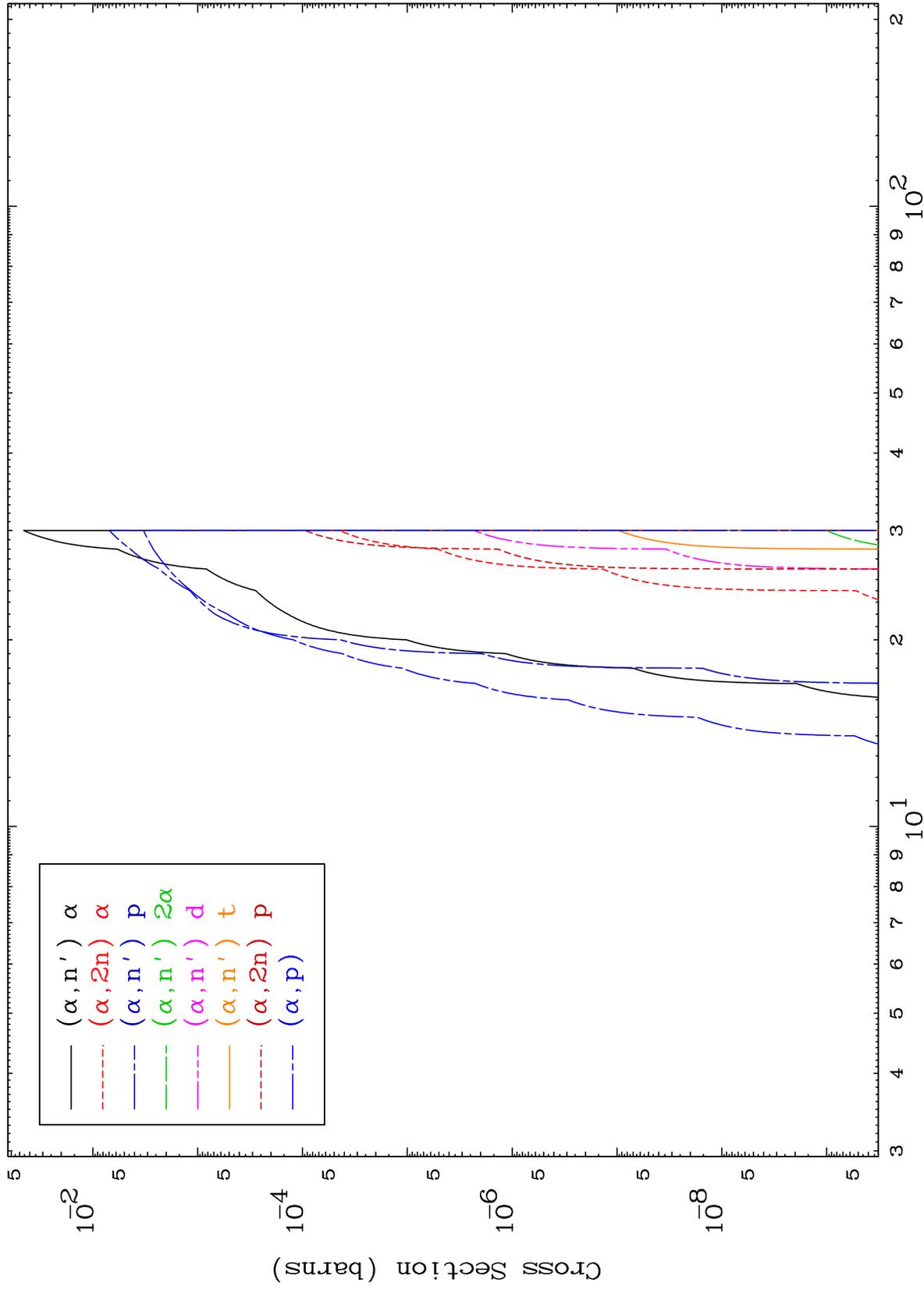
77-Ir-186



2

Incident Energy (MeV)

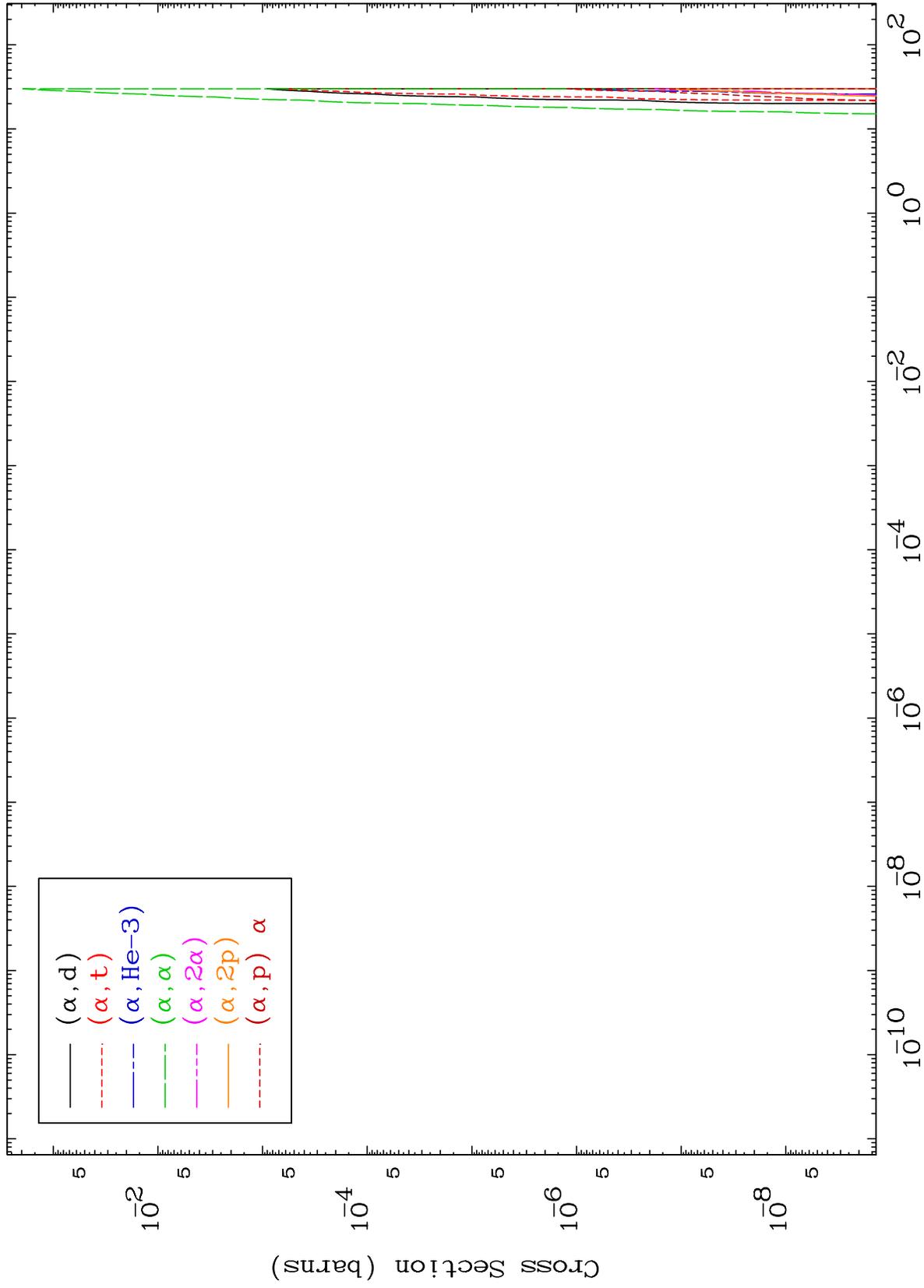
77-Ir-186

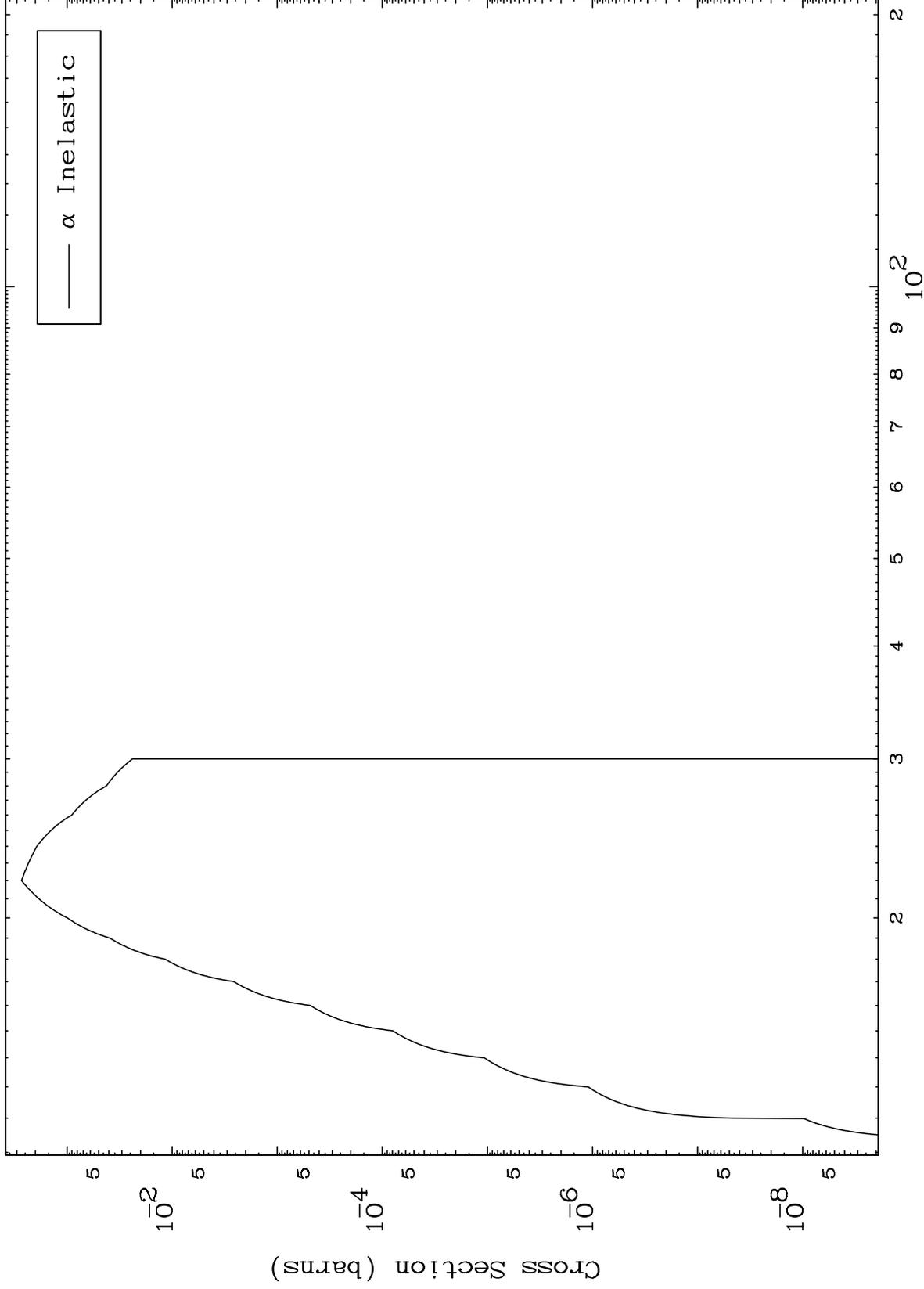


MAT 7711

α Charged Particle
0 Kelvin Cross Sections

77-Ir-186

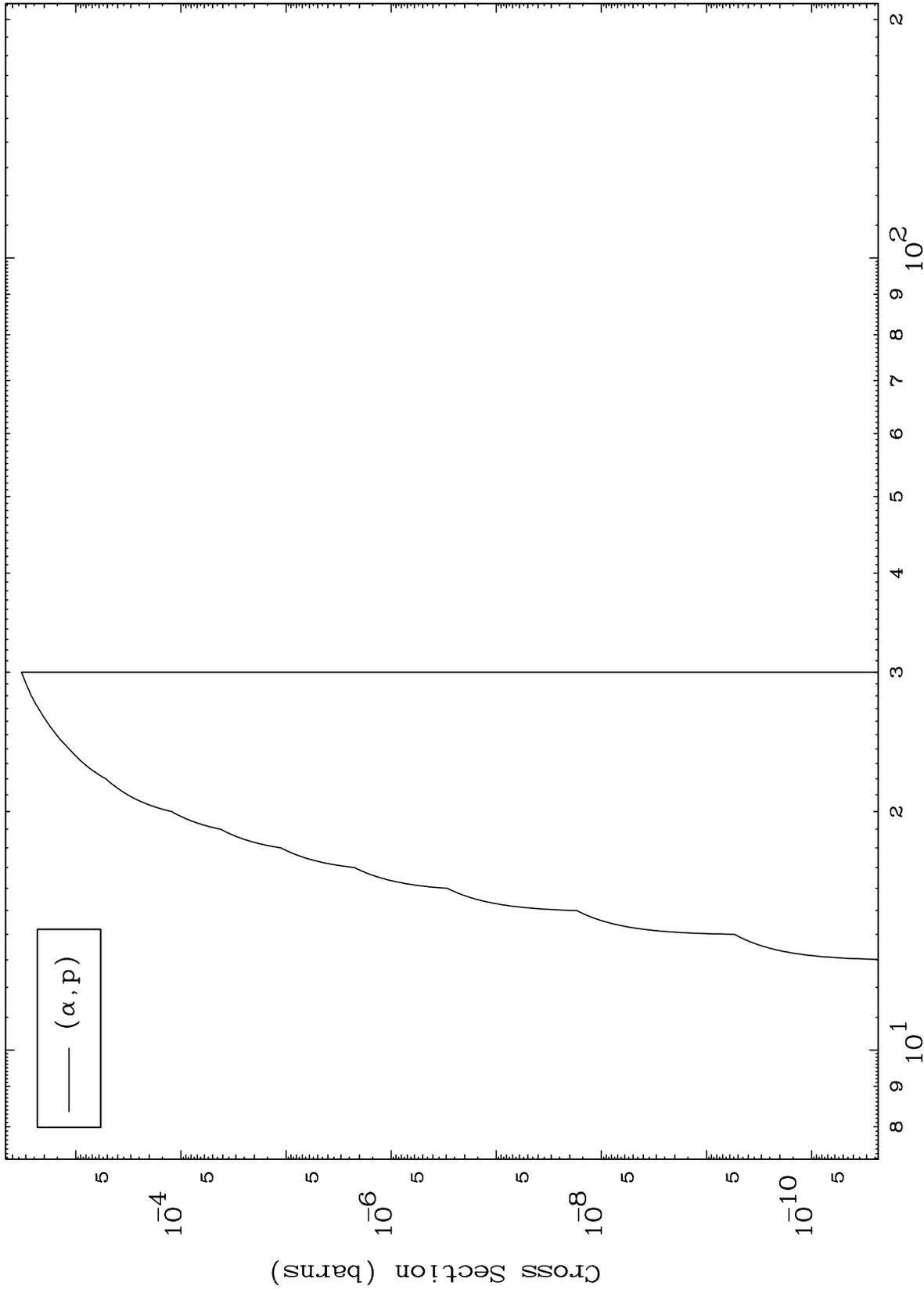




MAT 7711

(α, p) Levels
0 Kelvin Cross Sections

77-Ir-186



6

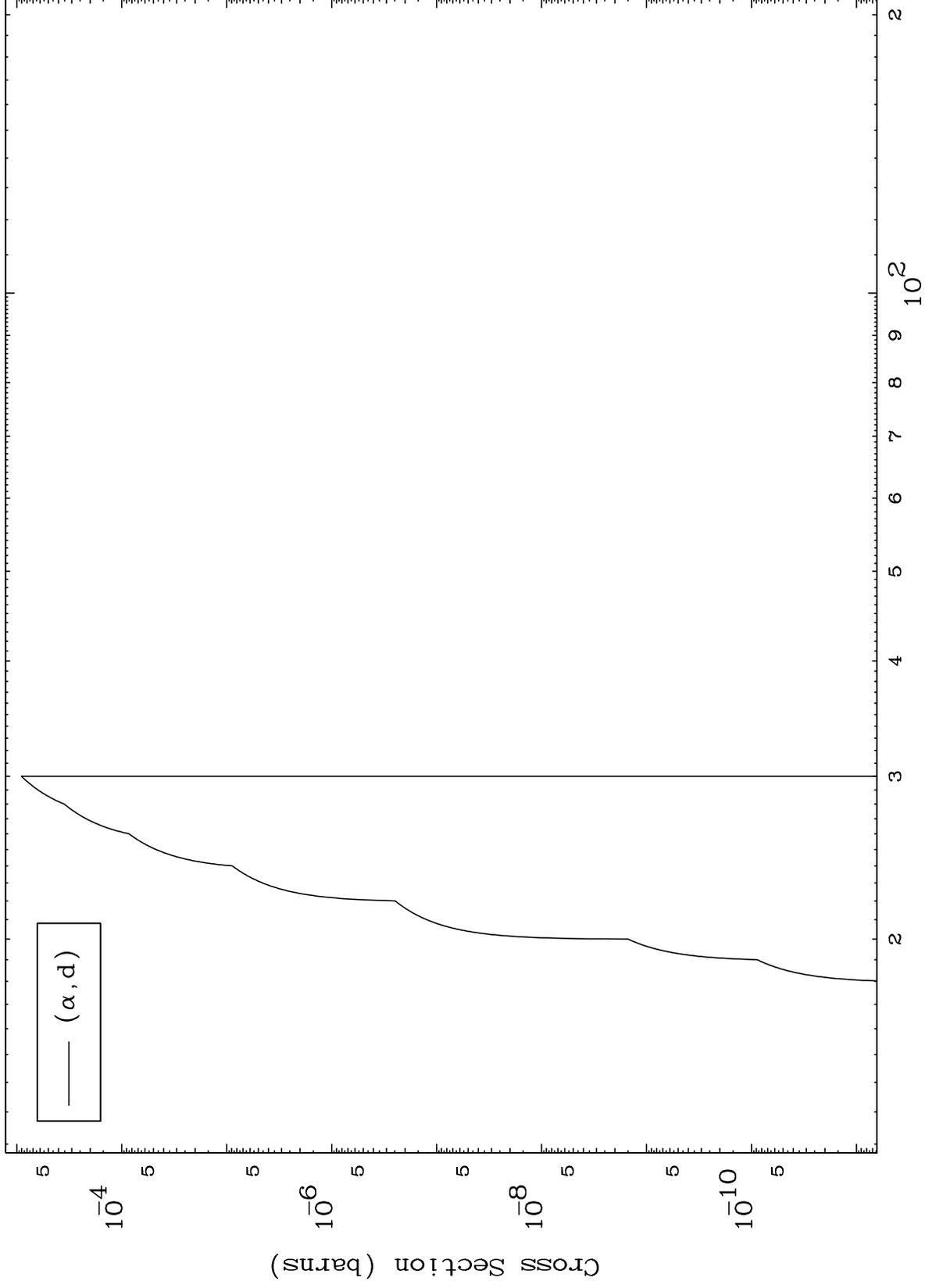
Incident Energy (MeV)

77-Ir-186

MAT 7711

(α, d) Levels
0 Kelvin Cross Sections

77-Ir-186



7

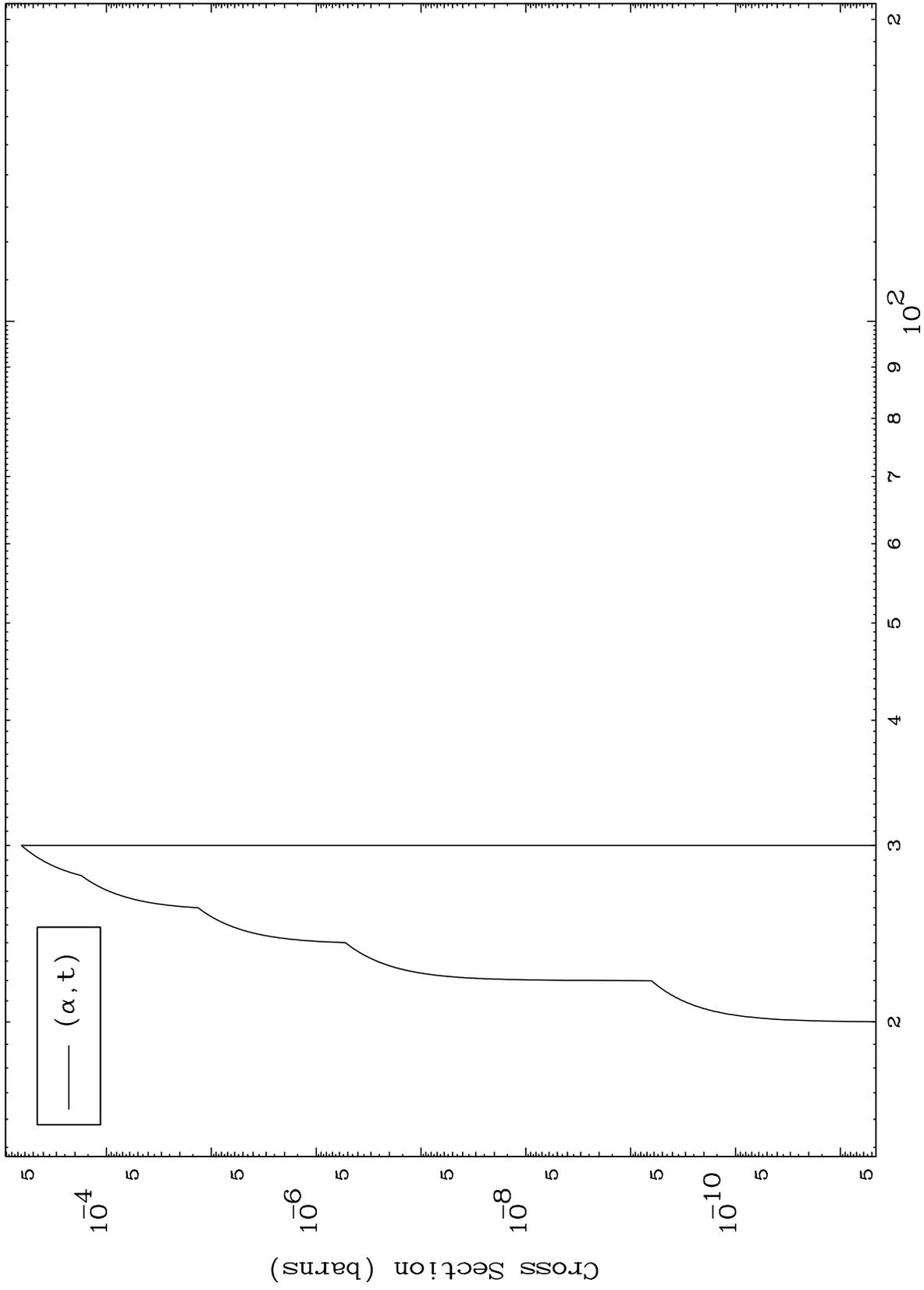
Incident Energy (MeV)

77-Ir-186

MAT 7711

(α, t) Levels
0 Kelvin Cross Sections

77-Ir-186



8

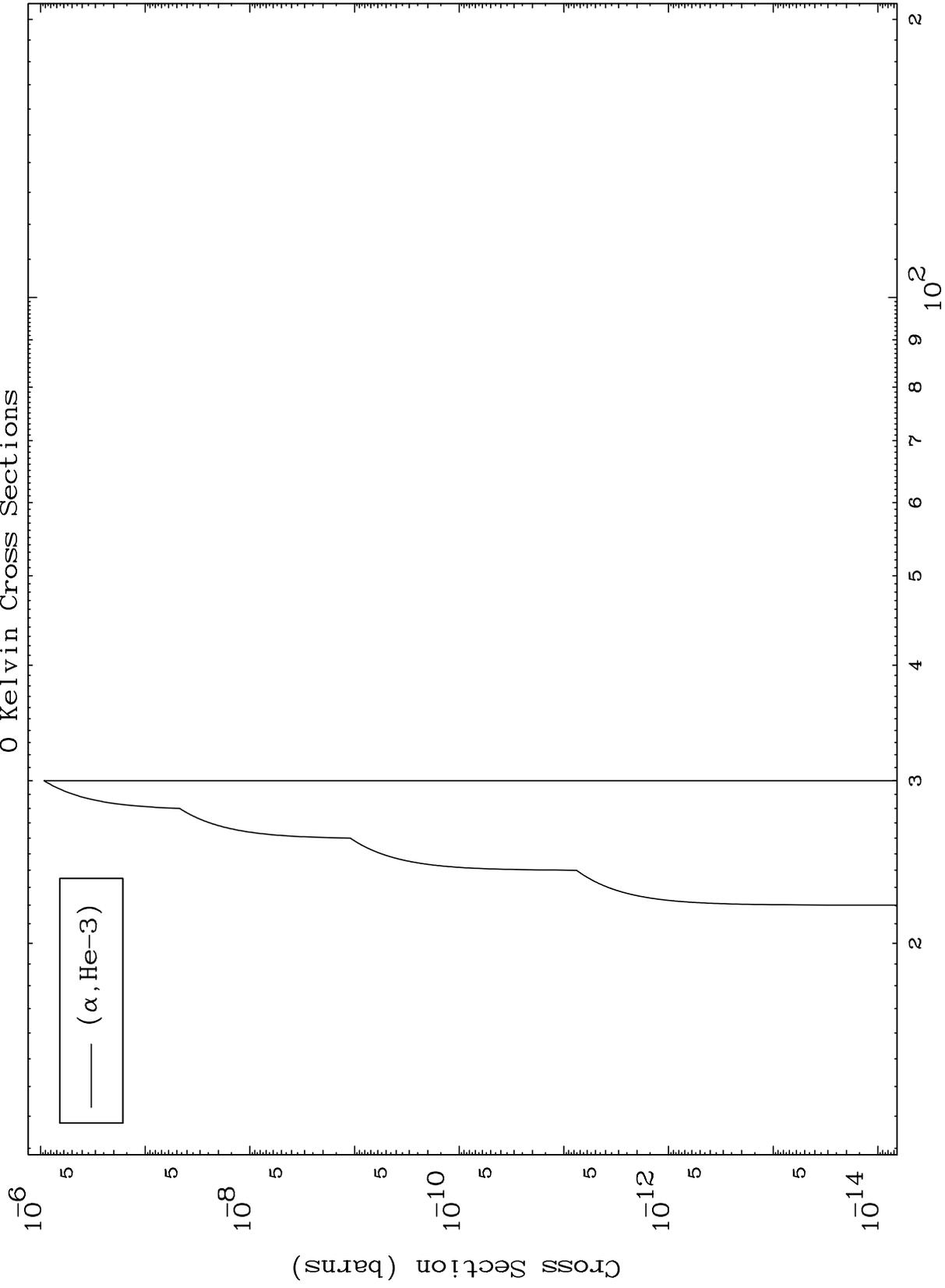
Incident Energy (MeV)

77-Ir-186

MAT 7711

(α ,He3) Levels
0 Kelvin Cross Sections

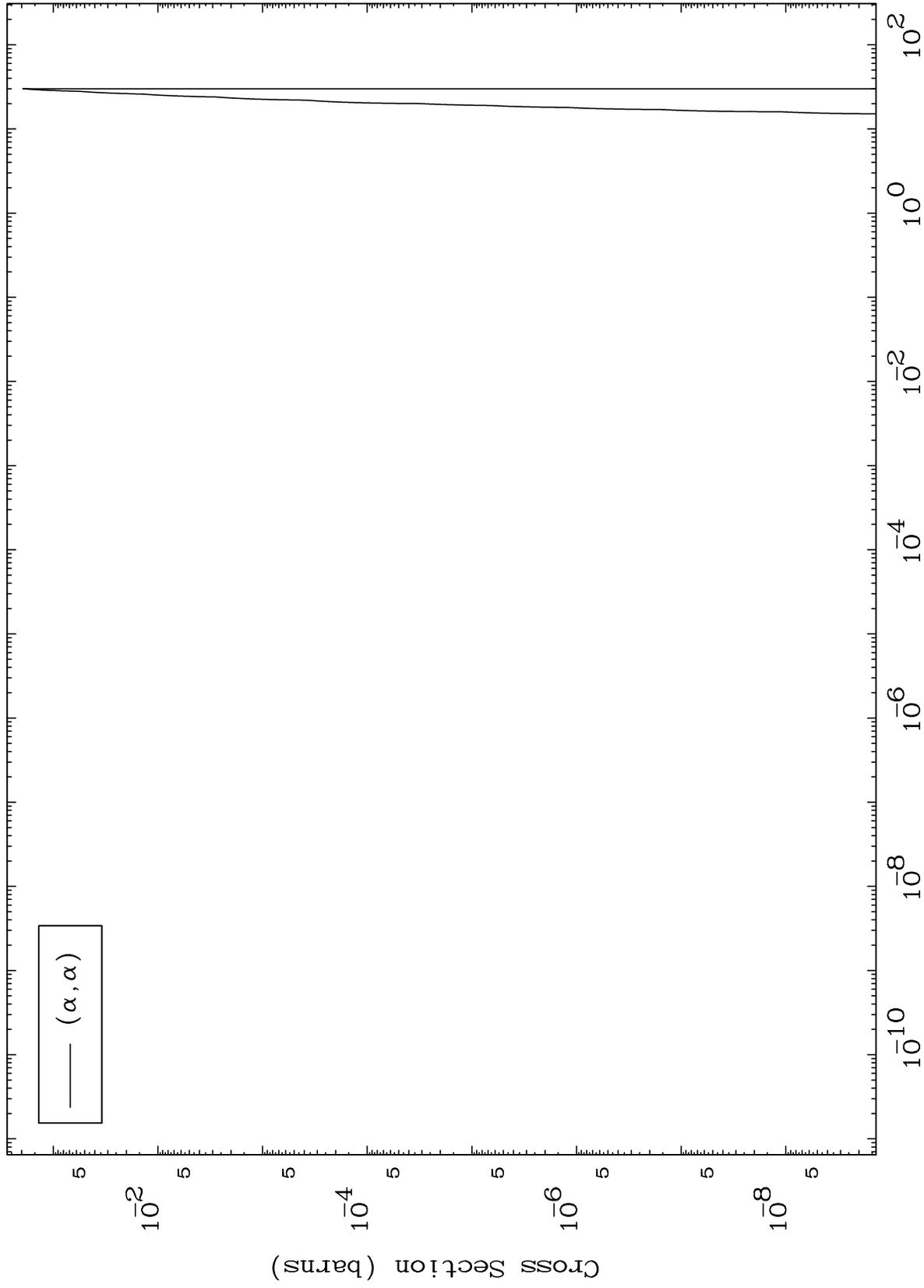
77-Ir-186



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(α, α) Levels
0 Kelvin Cross Sections

77-Ir-186

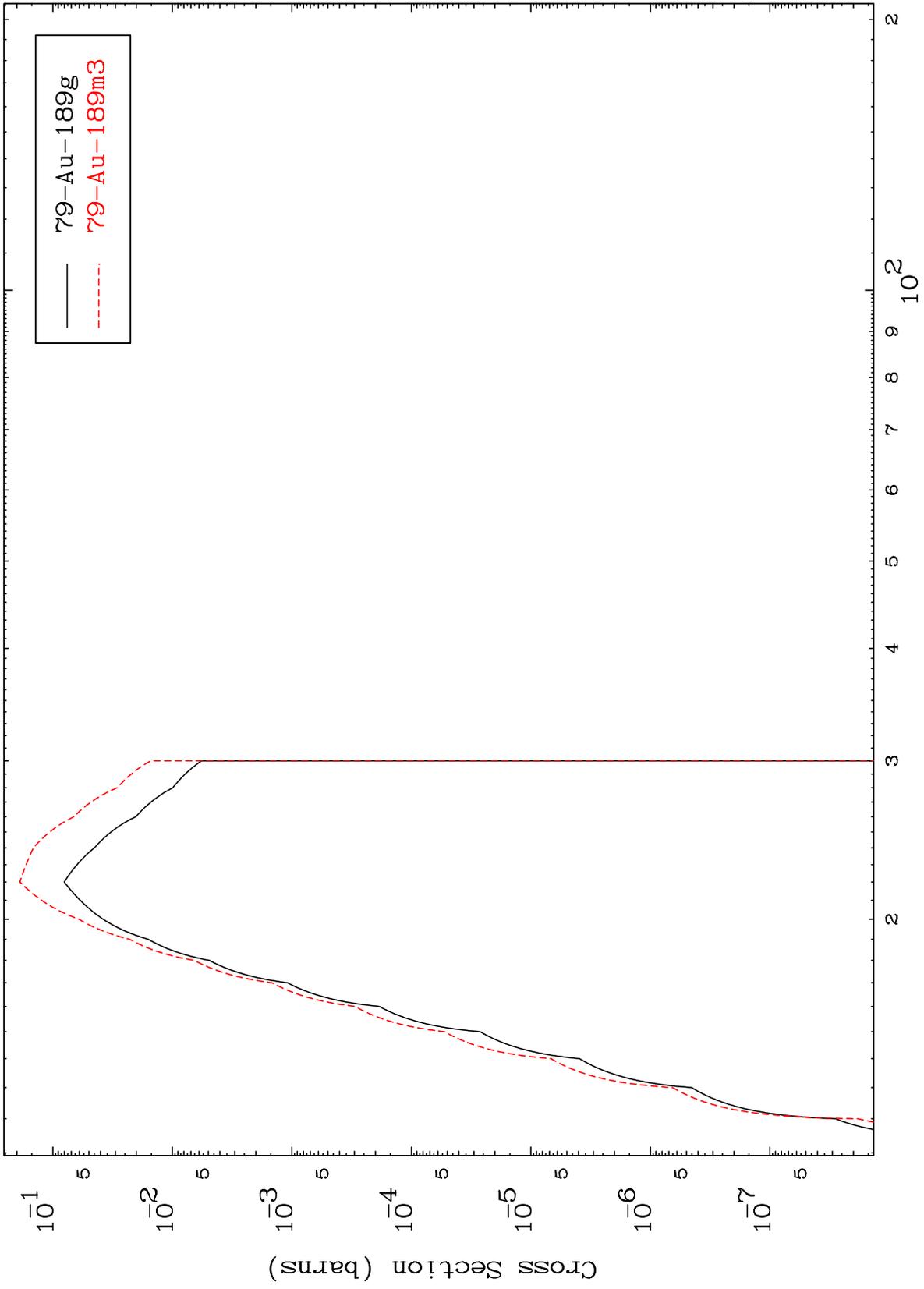


10

Incident Energy (MeV)

77-Ir-186

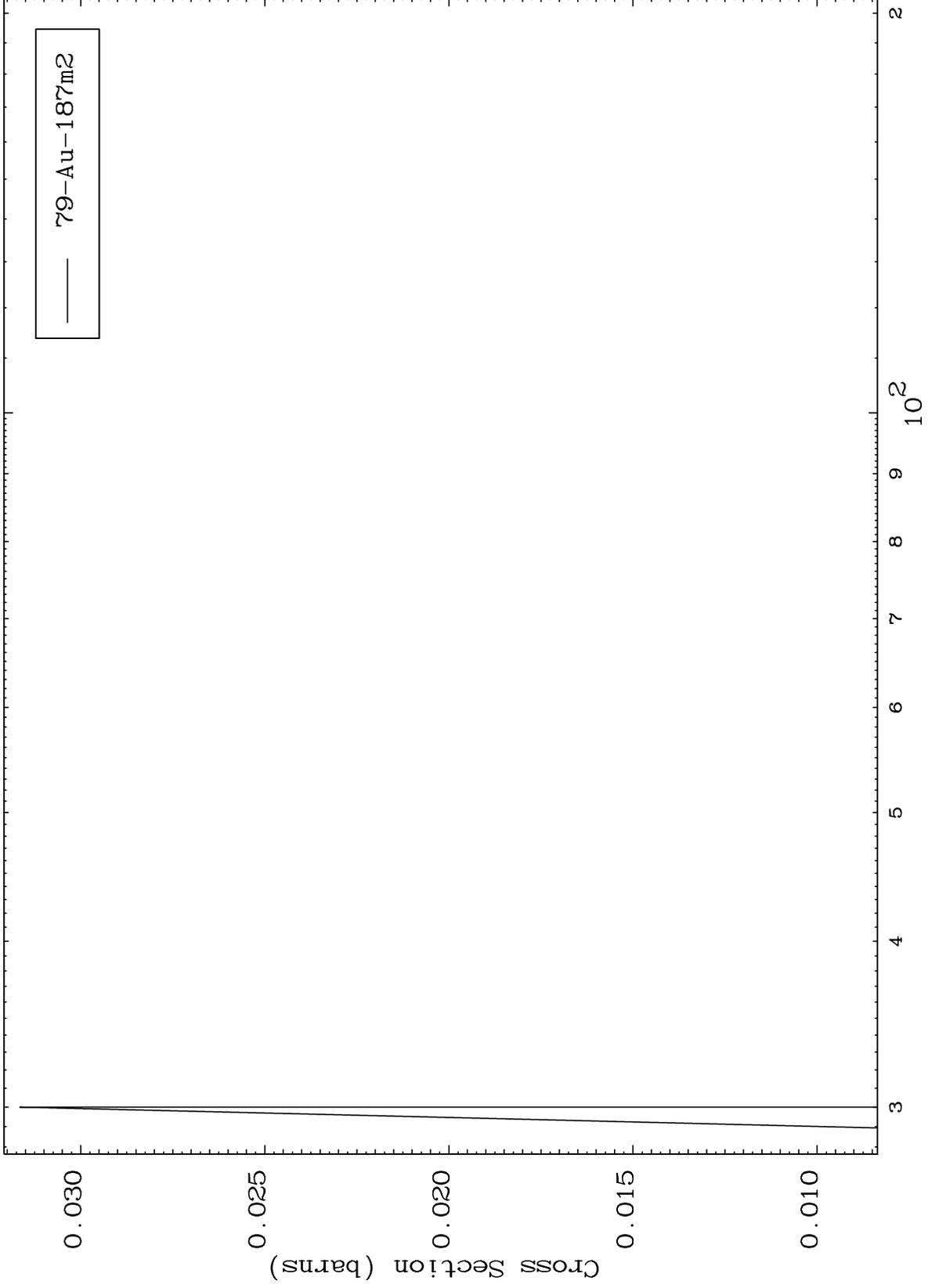
Radionuclide Production Cross Section



MAT 7711

77-Ir-186

($\alpha, 3n$)
Radionuclide Production Cross Section



79-Au-187m2

77-Ir-186

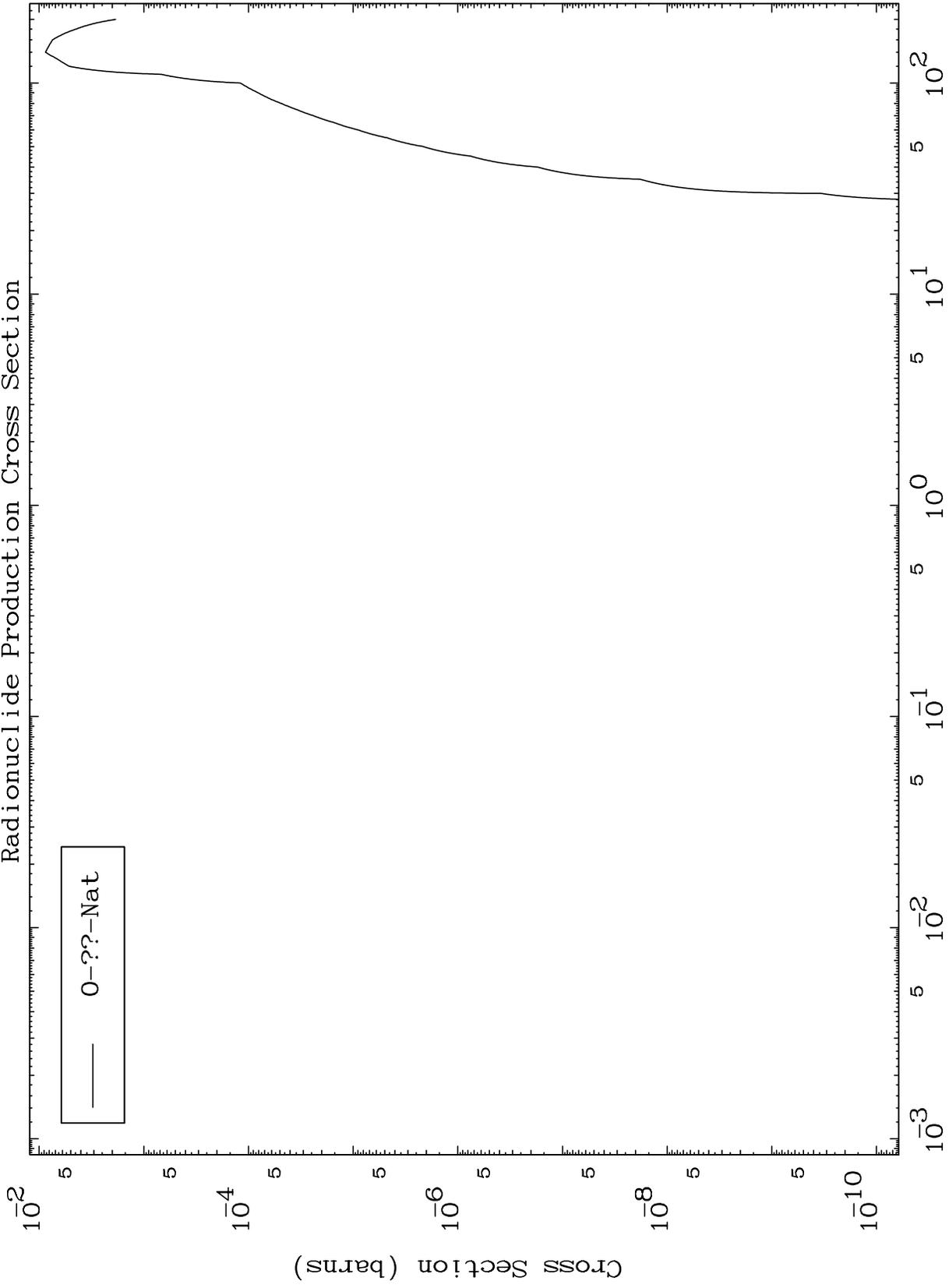
Incident Energy (MeV)

12

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α Fission
Radionuclide Production Cross Section

77-Ir-186



13

Incident Energy (MeV)

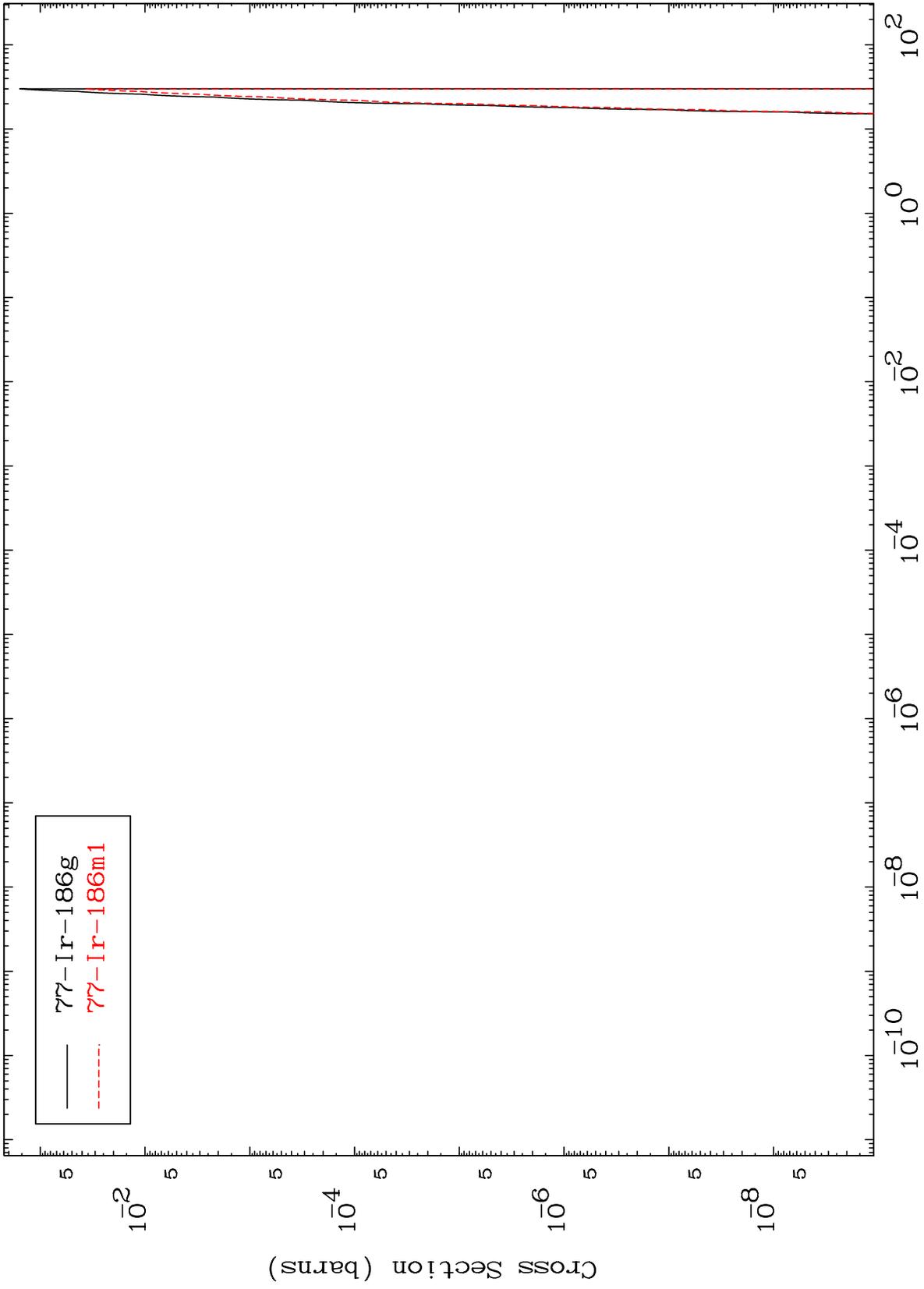
77-Ir-186

MAT 7711

(α, α)

⁷⁷Ir-186

Radionuclide Production Cross Section



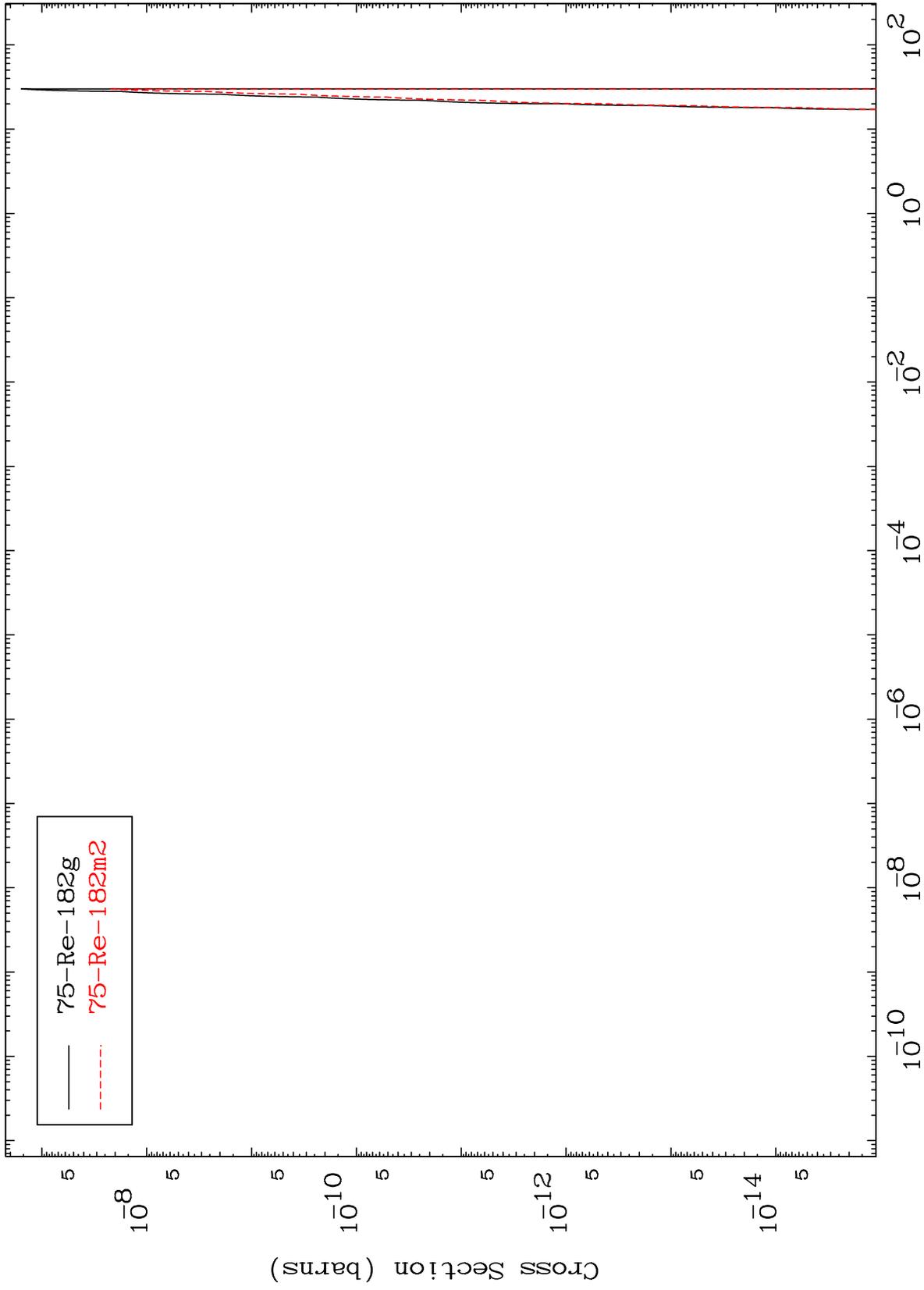
⁷⁷Ir-186

MAT 7711

($\alpha, 2\alpha$)

77-Ir-186

Radionuclide Production Cross Section



15

Incident Energy (MeV)

77-Ir-186