

Program EVALPLOT
(Version 2021-1)

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

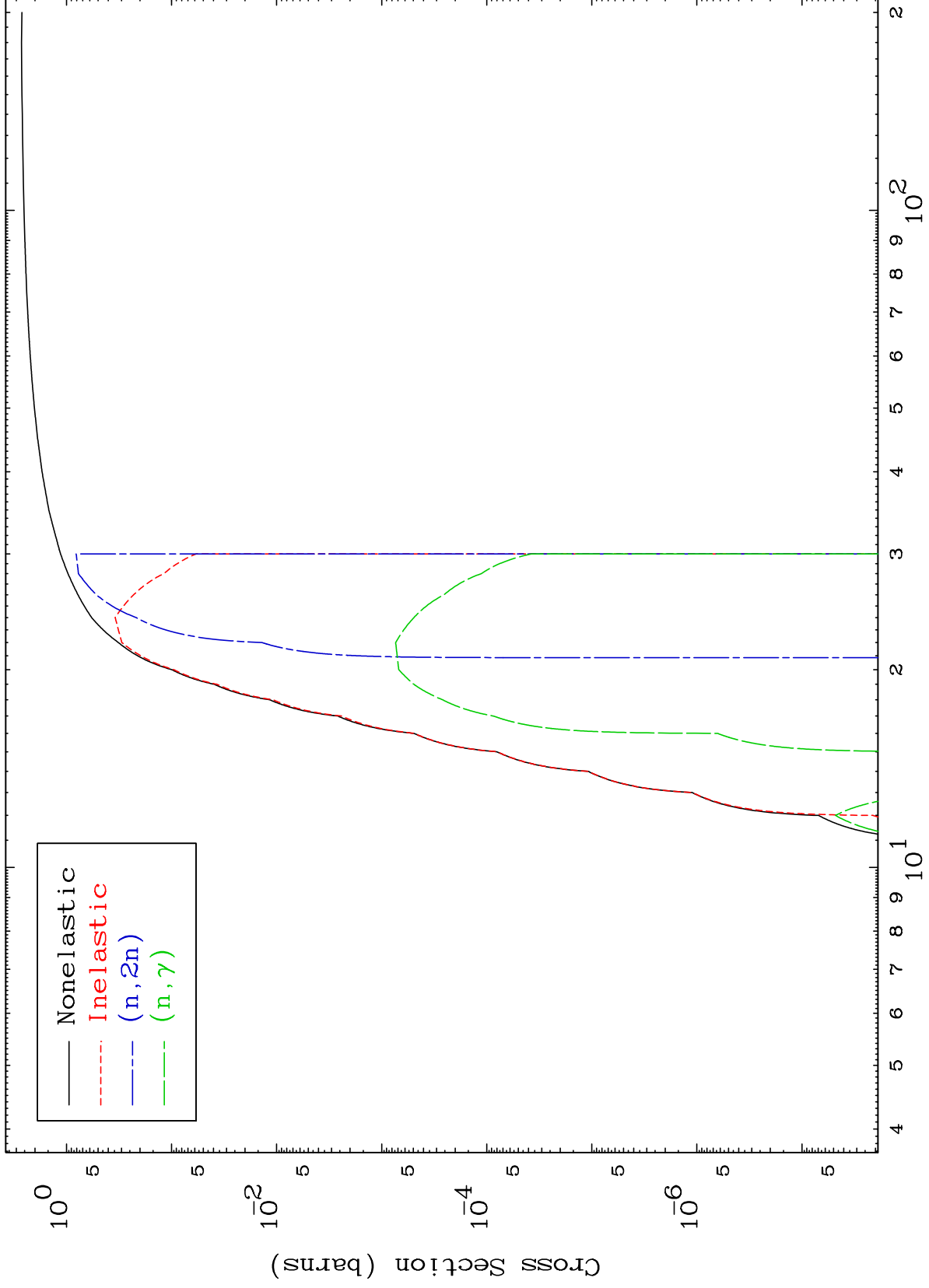
Press Mouse Button to Start

MAT 7711

0 Kelvin

α Major Cross Sections

77-Ir-186m



1

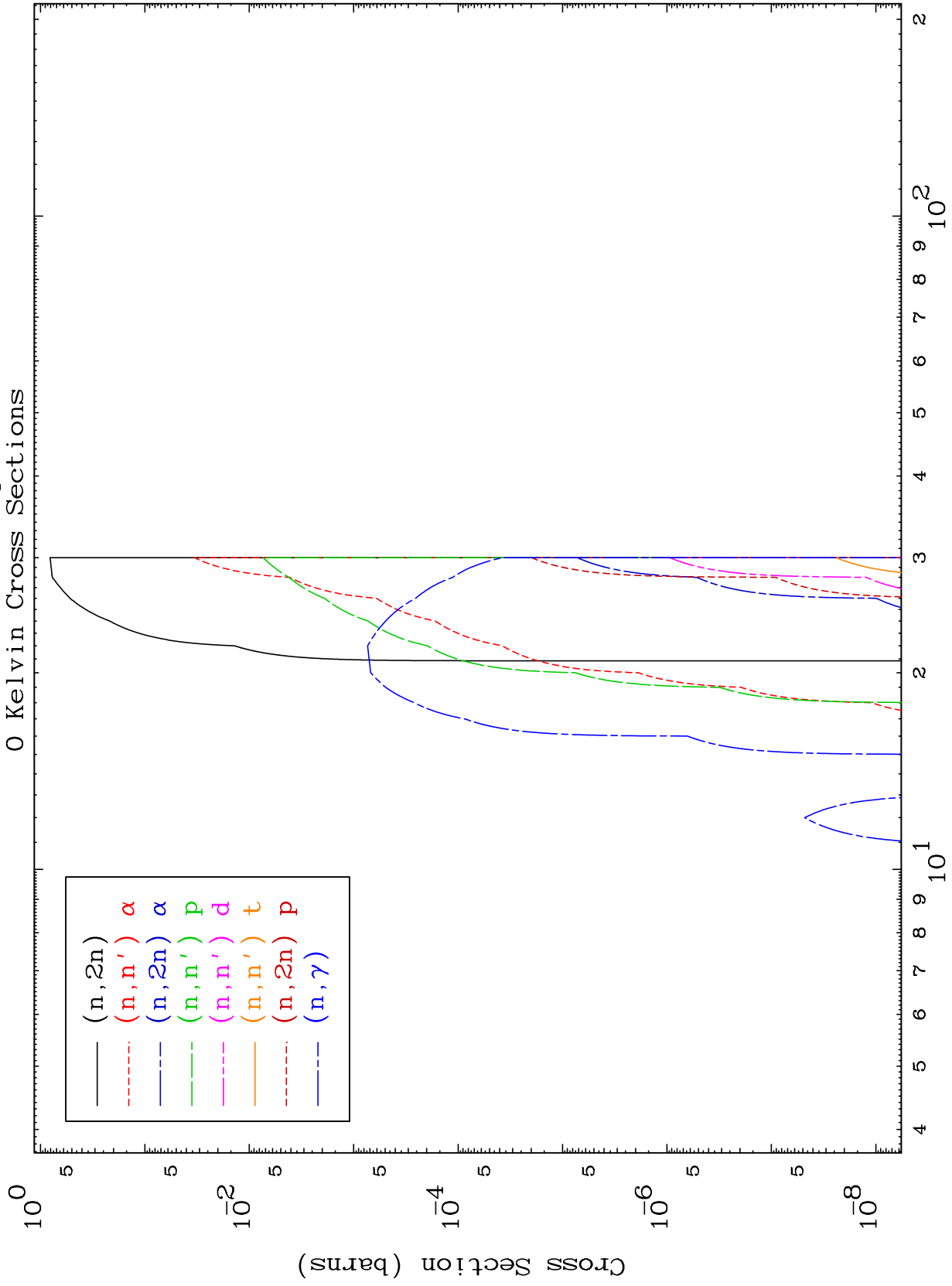
Incident Energy (MeV)

77-Ir-186m

MAT 7711

α Neutron Absorption
0 Kelvin Cross Sections

77-Ir-186m



2

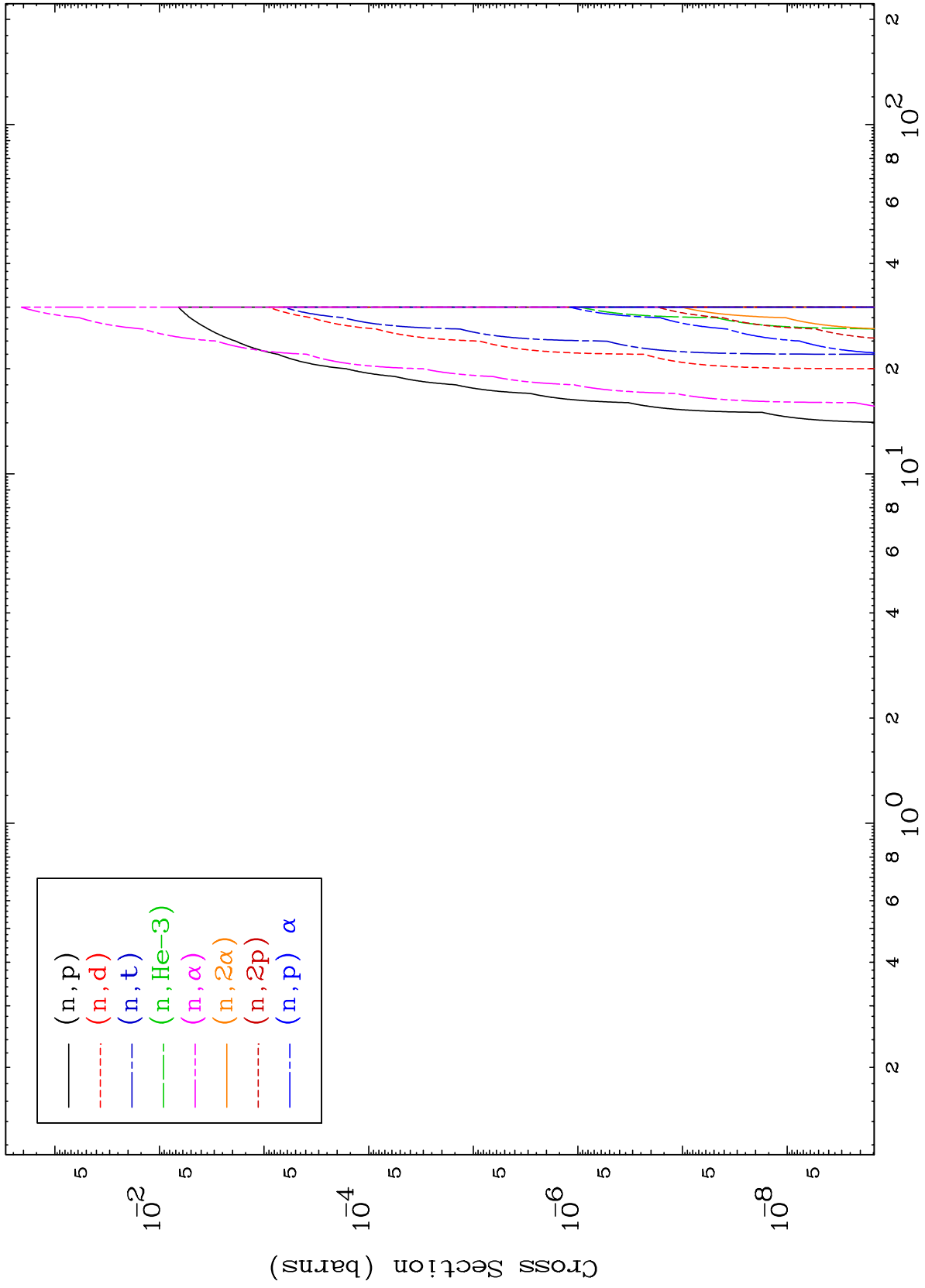
Incident Energy (MeV)

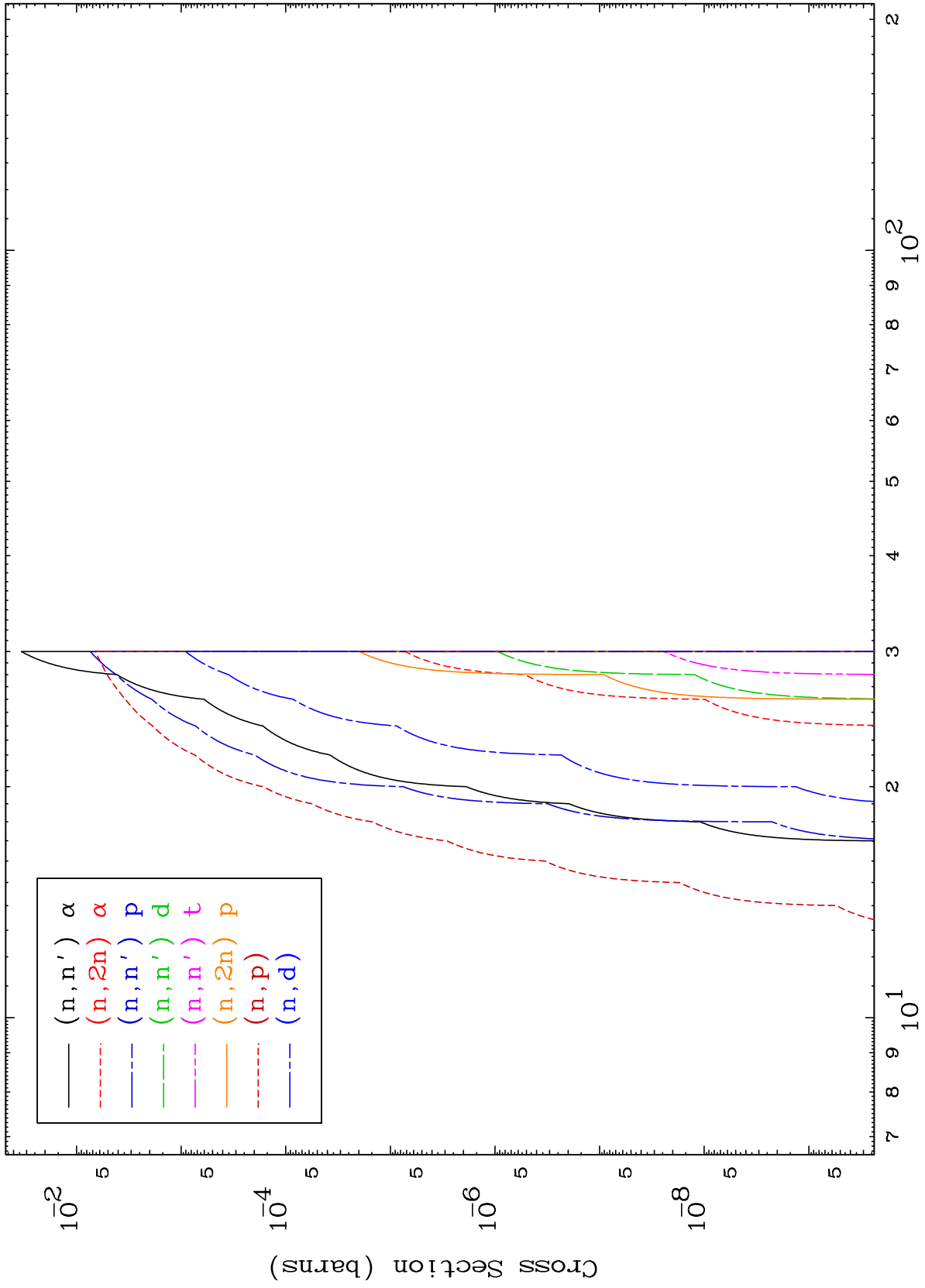
77-Ir-186m

MAT 7711

α Neutron Absorption
0 Kelvin Cross Sections

77-Ir-186m

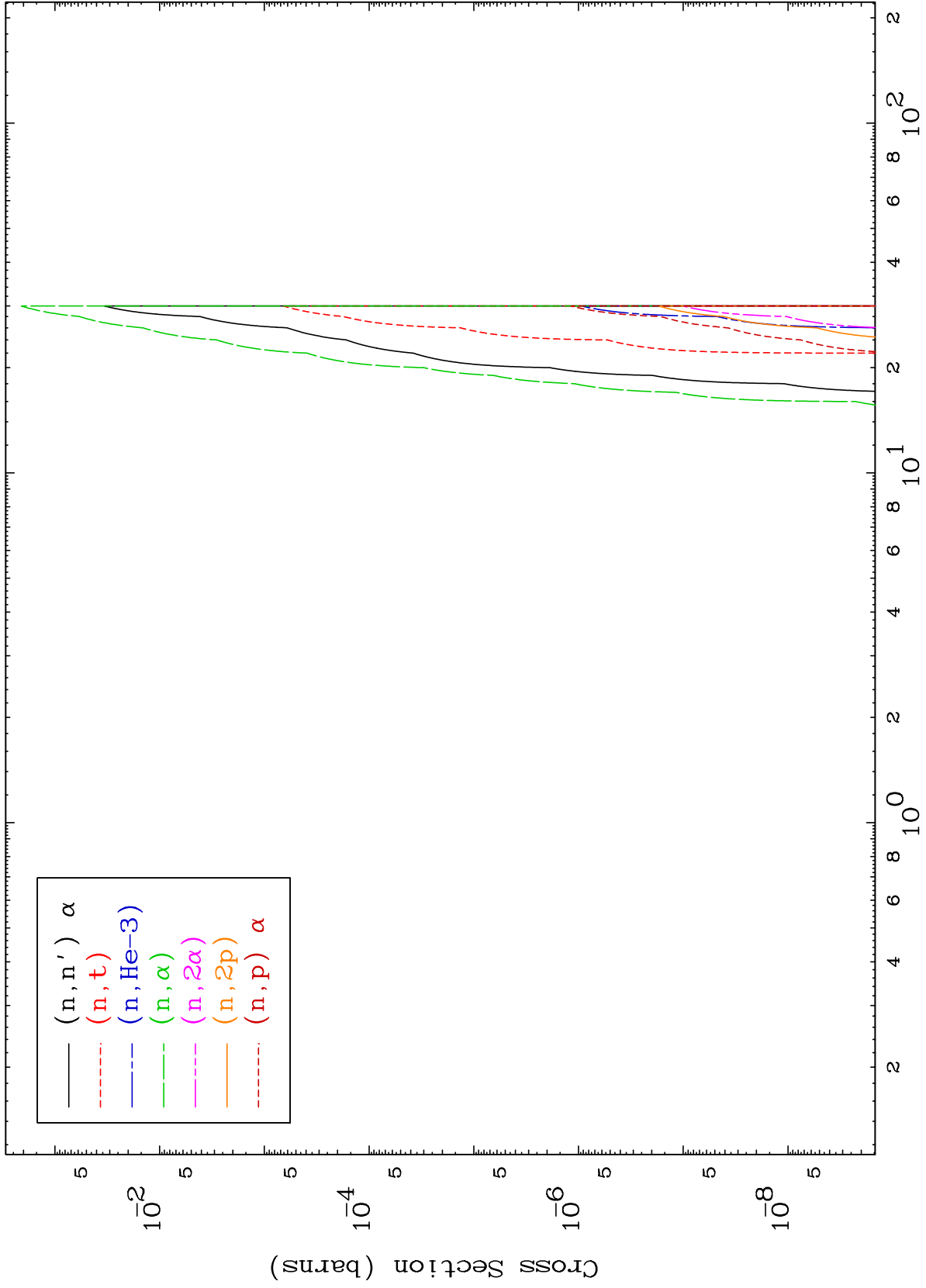




MAT 7711

α Charged Particle
0 Kelvin Cross Sections

77-Ir-186m



5

Incident Energy (MeV)

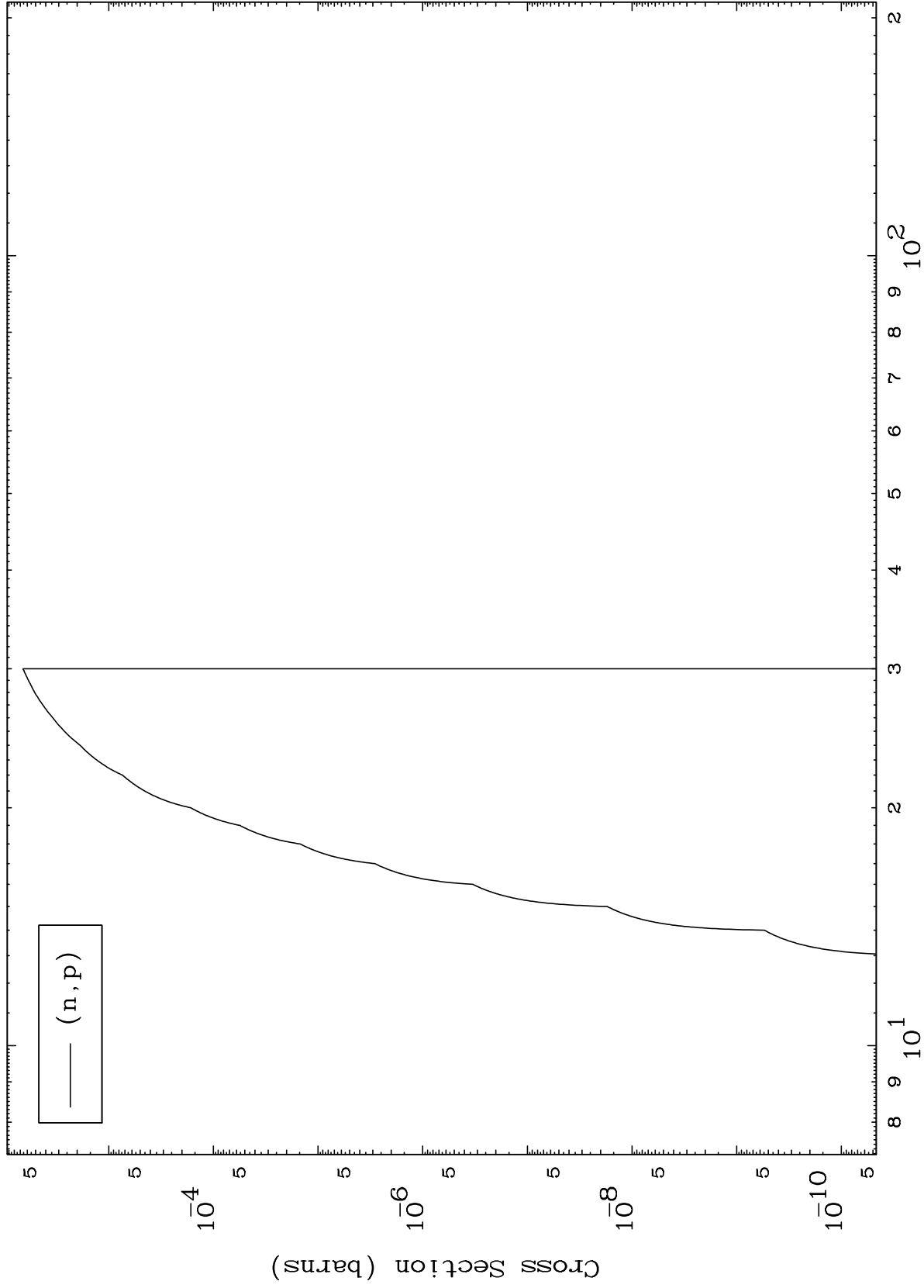
77-Ir-186m

MAT 7711

(α, p) Levels

77-Ir-186m

0 Kelvin Cross Sections



6

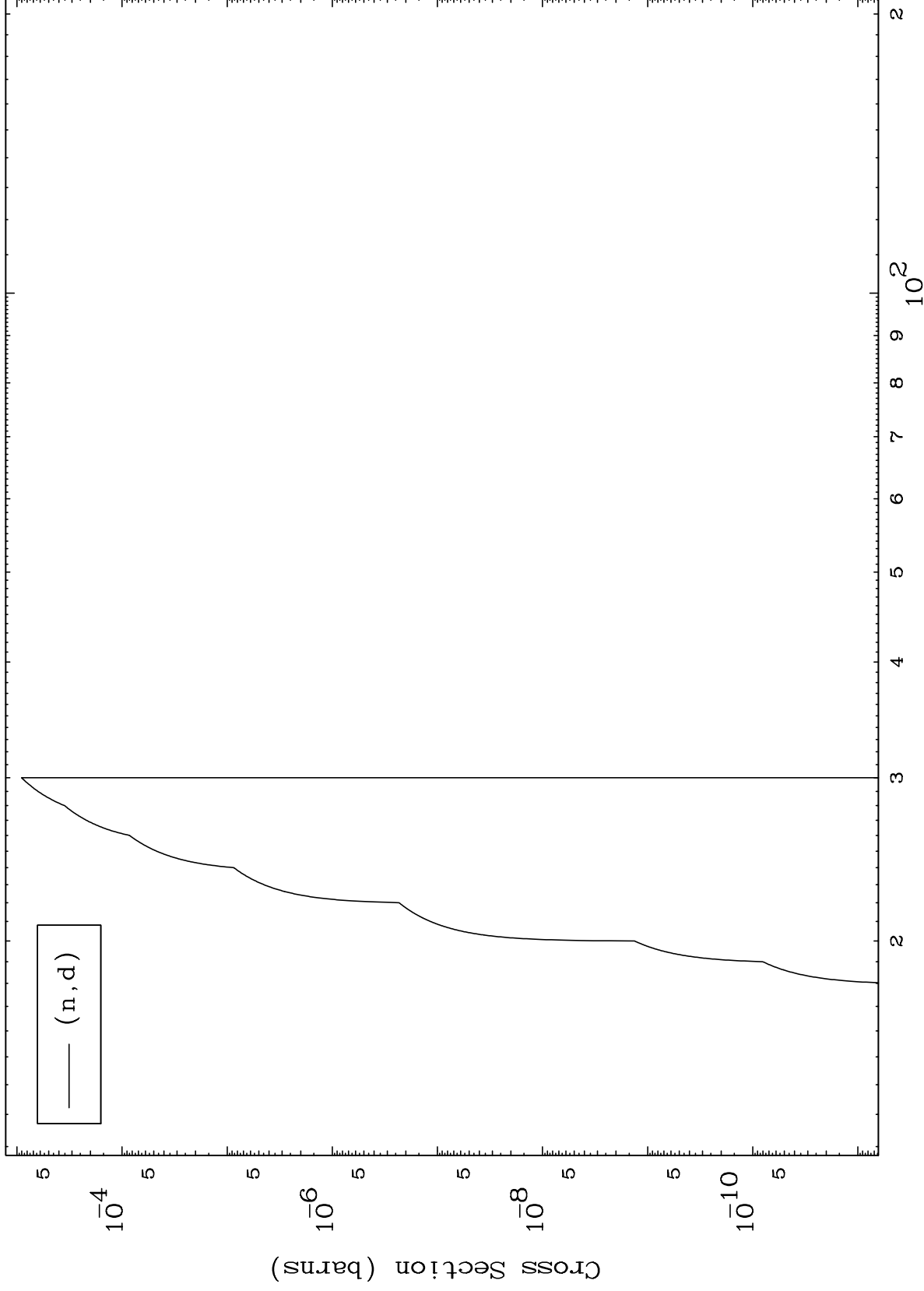
Incident Energy (MeV)

77-Ir-186m

MAT 7711

(α, d) Levels
0 Kelvin Cross Sections

77-Ir-186m



7

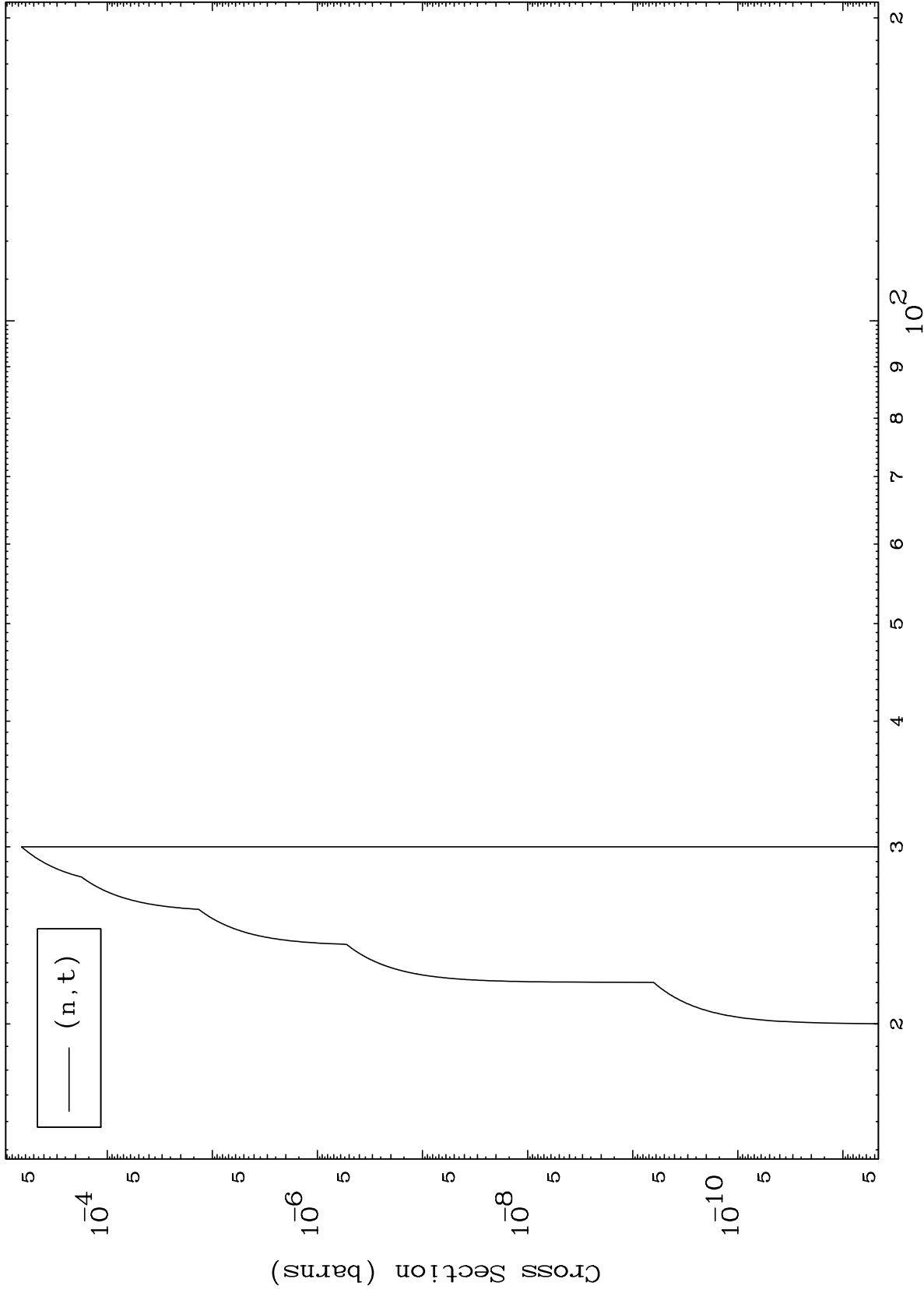
Incident Energy (MeV)

77-Ir-186m

MAT 7711

(α, t) Levels
0 Kelvin Cross Sections

77-Ir-186m



8

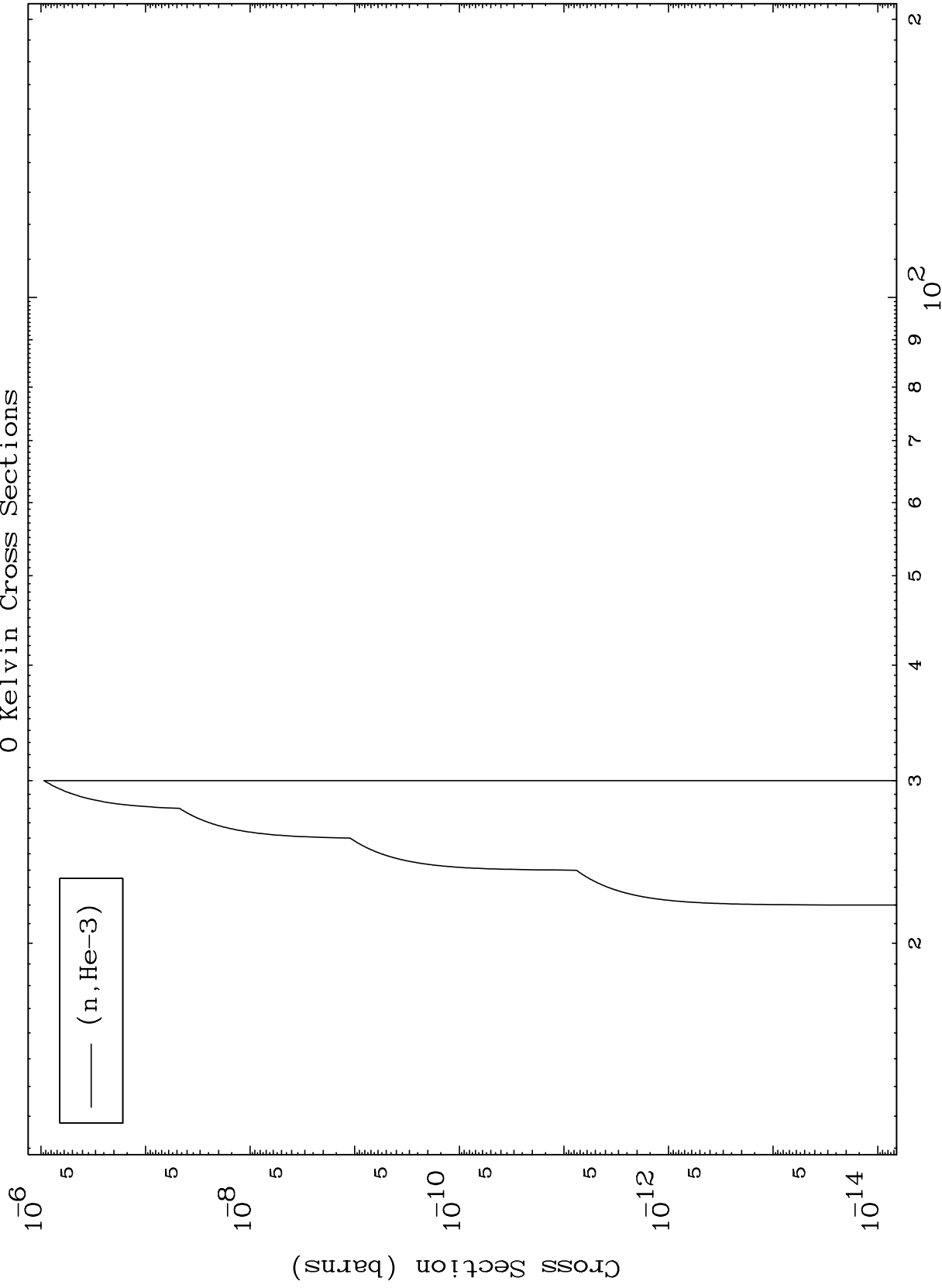
Incident Energy (MeV)

77-Ir-186m

MAT 7711

77-Ir-186m

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



9

Incident Energy (MeV)

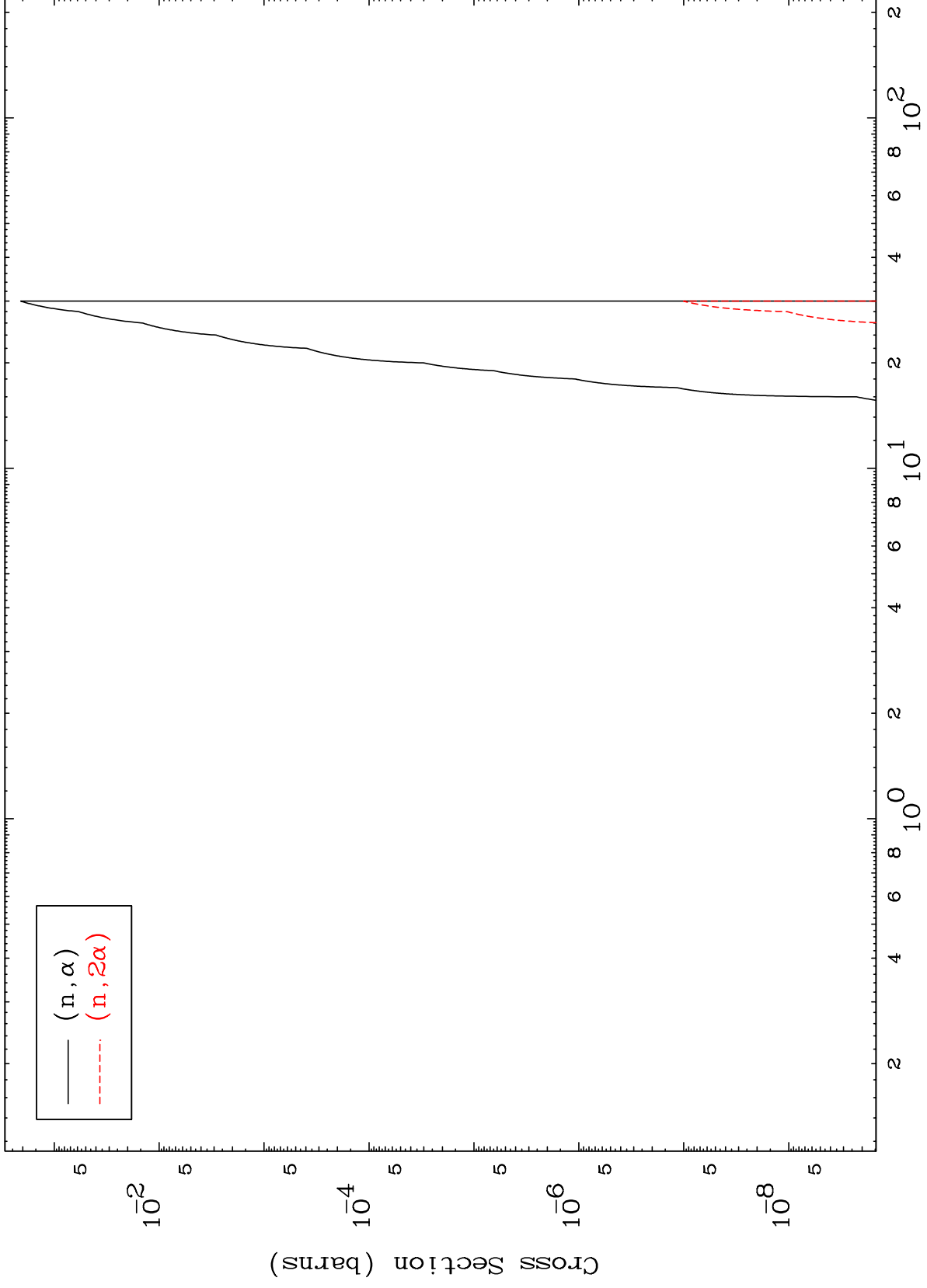
77-Ir-186m

MAT 7711

(α, α) Levels

77-Ir-186m

0 Kelvin Cross Sections



10

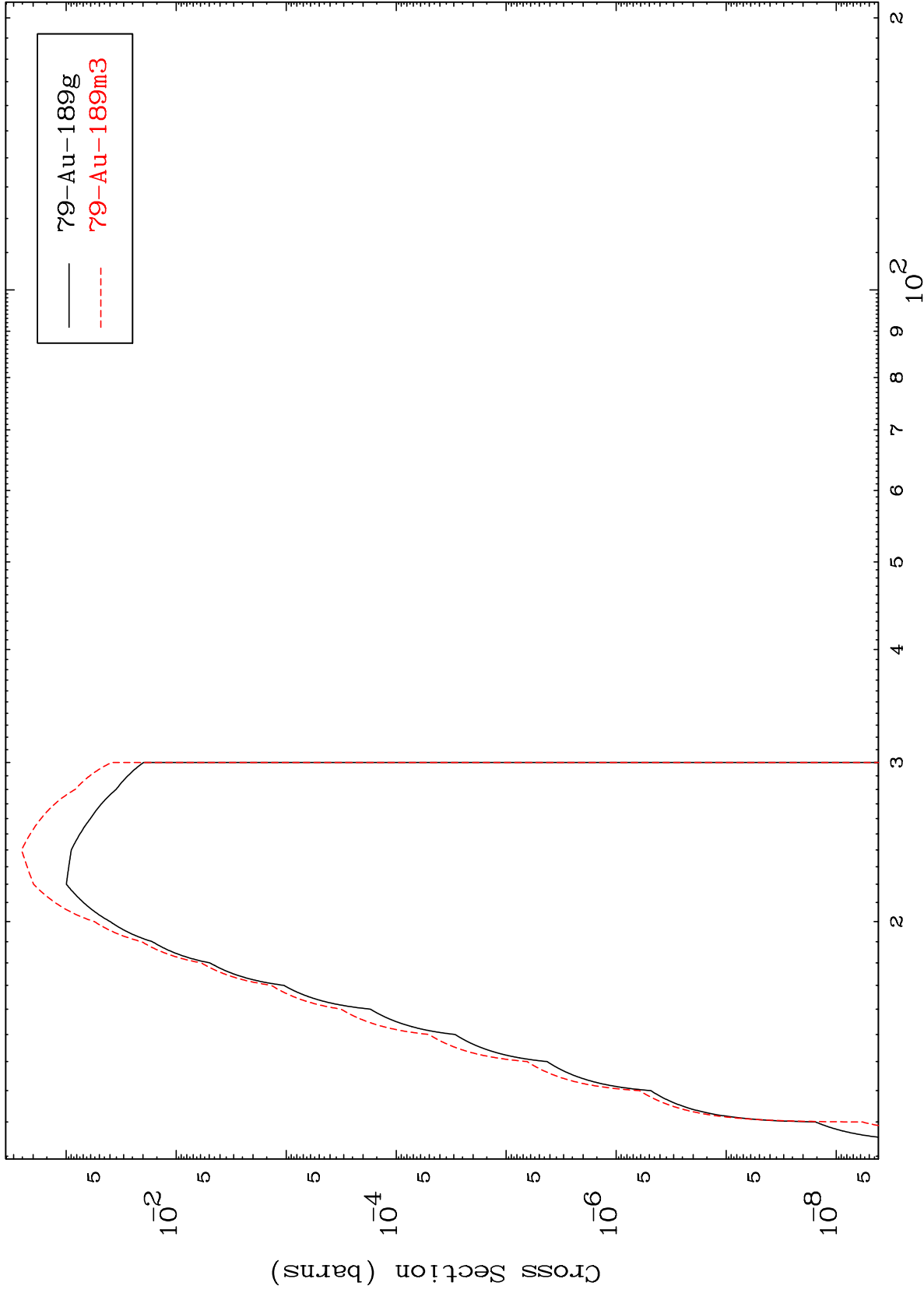
Incident Energy (MeV)

77-Ir-186m

MAT 7711

77-Ir-186m

Inelastic
Radionuclide Production Cross Section



77-Ir-186m

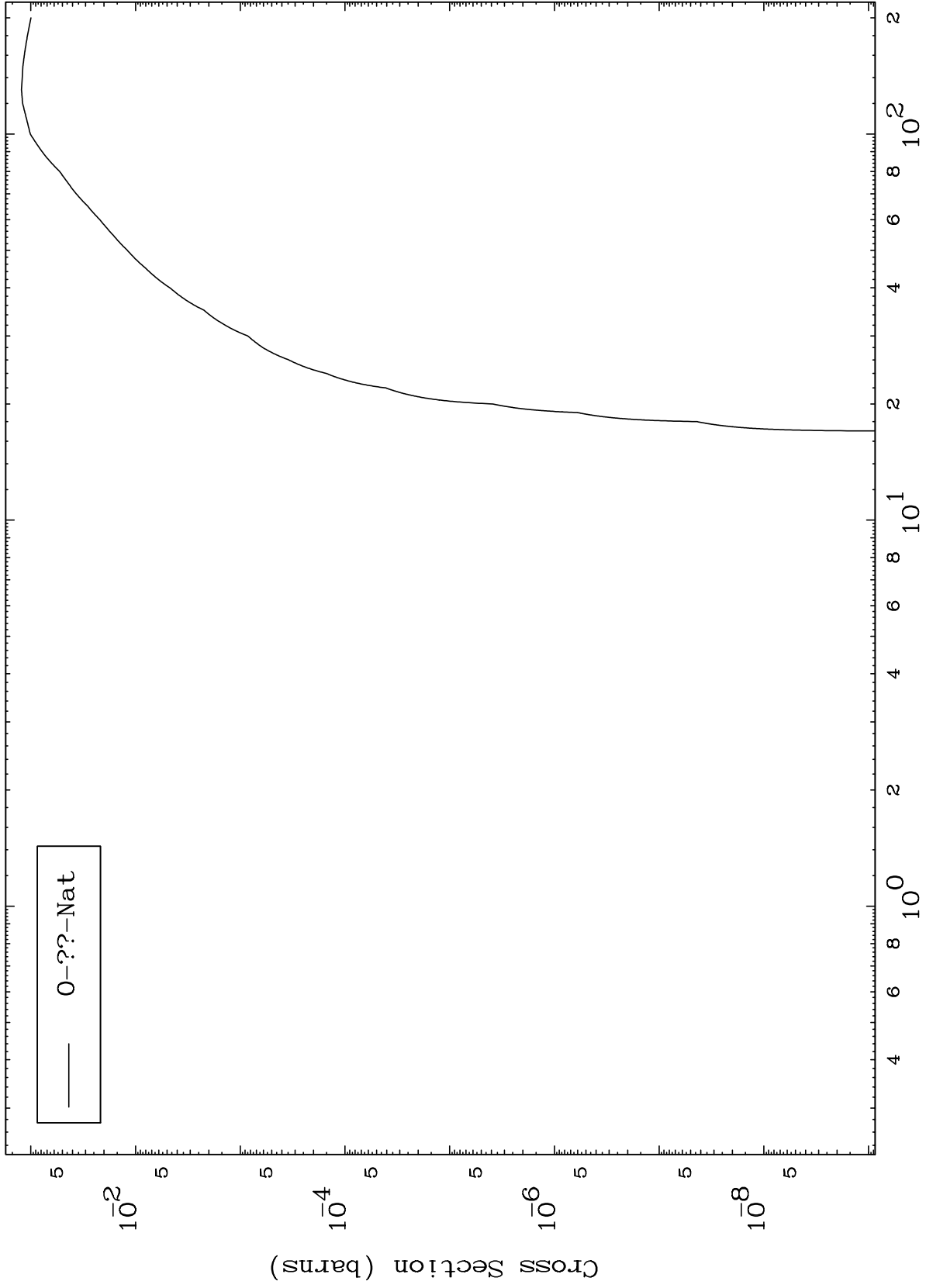
Incident Energy (MeV)

11

MAT 7711

Fission
Radionuclide Production Cross Section

⁷⁷Ir-186m

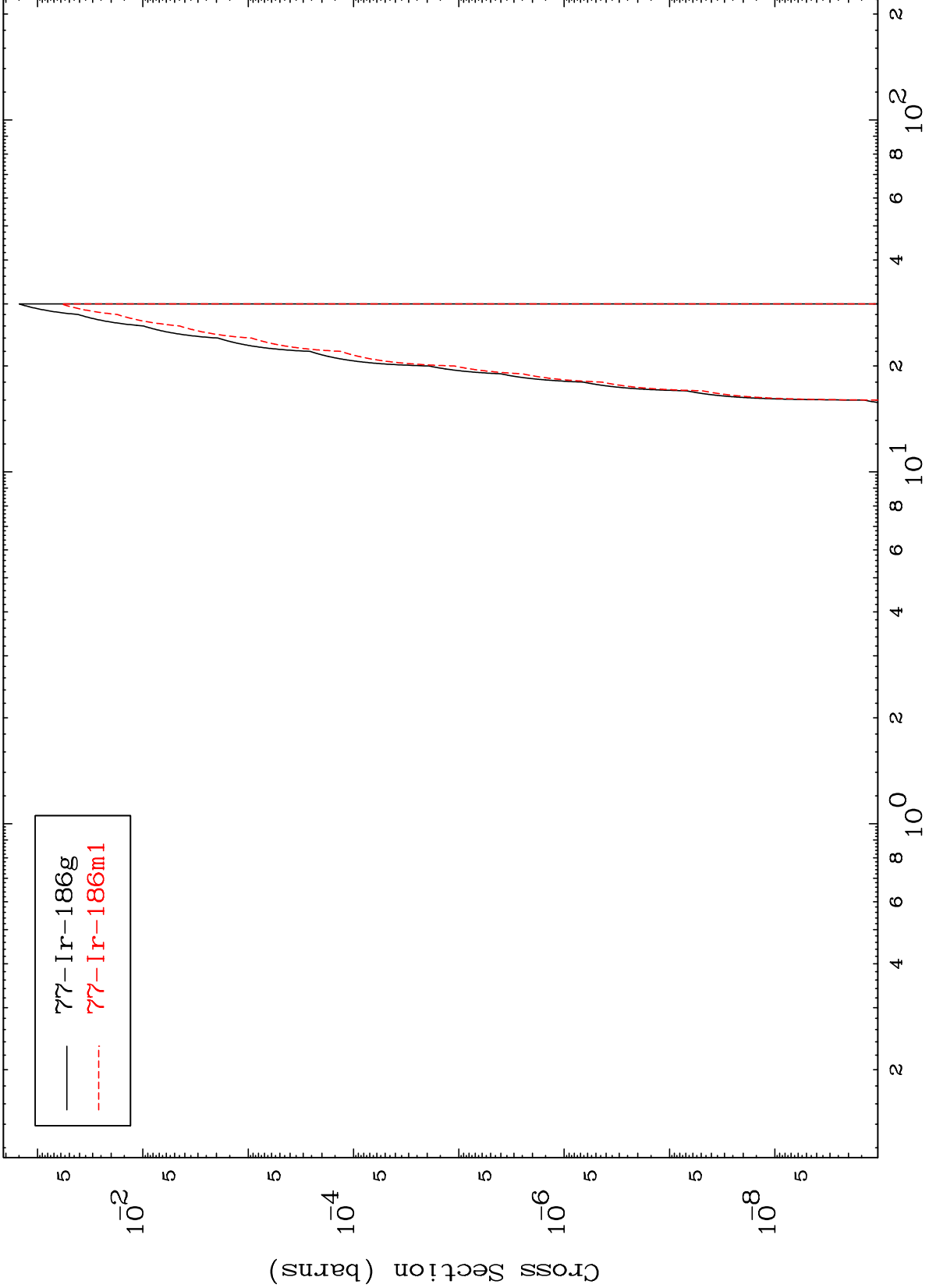


MAT 7711

(n, α)

⁷⁷Ir-186m

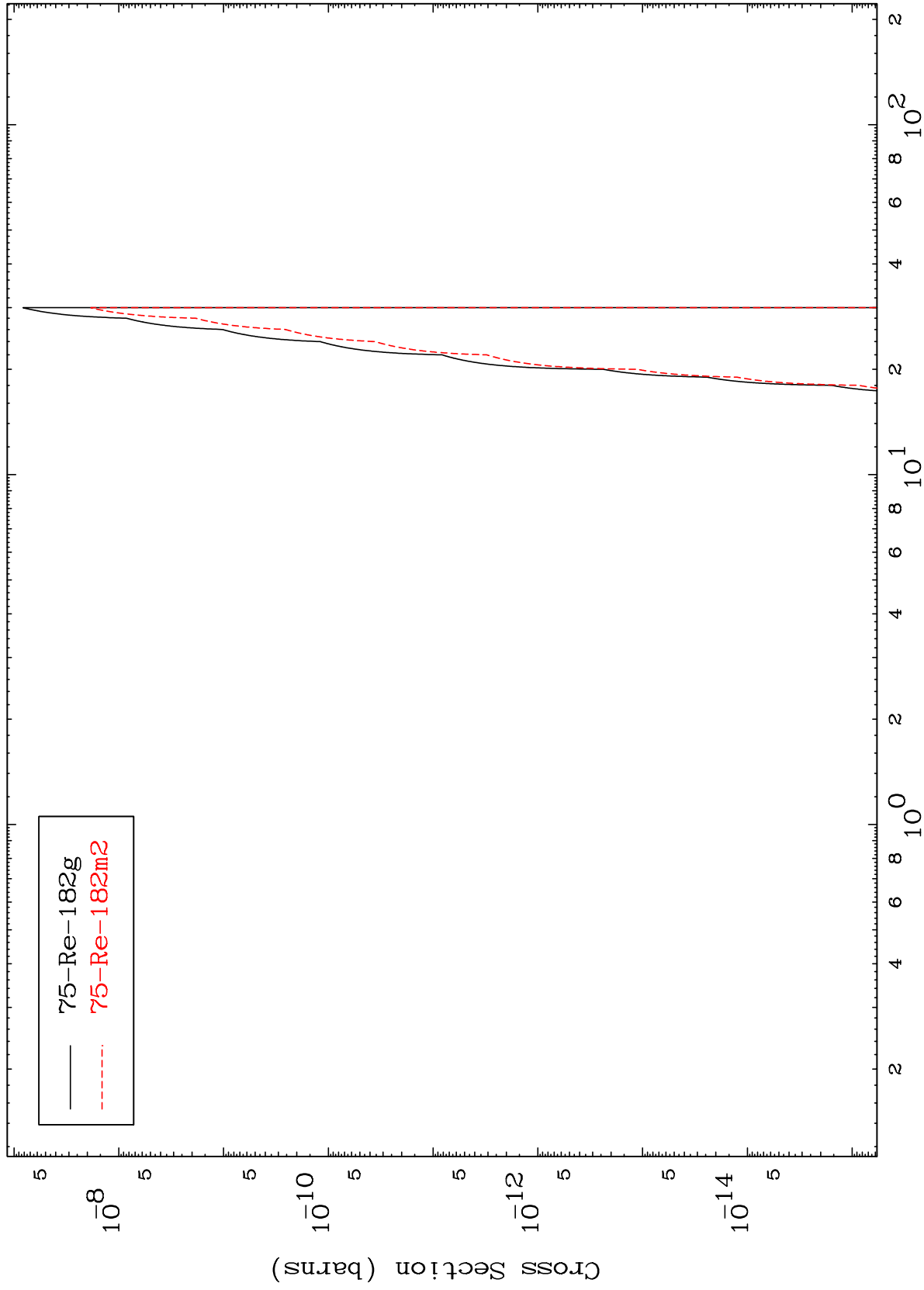
Radionuclide Production Cross Section



MAT 7711

⁷⁷Ir-186m

Radionuclide Production Cross Section
(n,2α)



⁷⁷Ir-186m

Incident Energy (MeV)

14