

Program EVALPLOT
(Version 2021-1)

by

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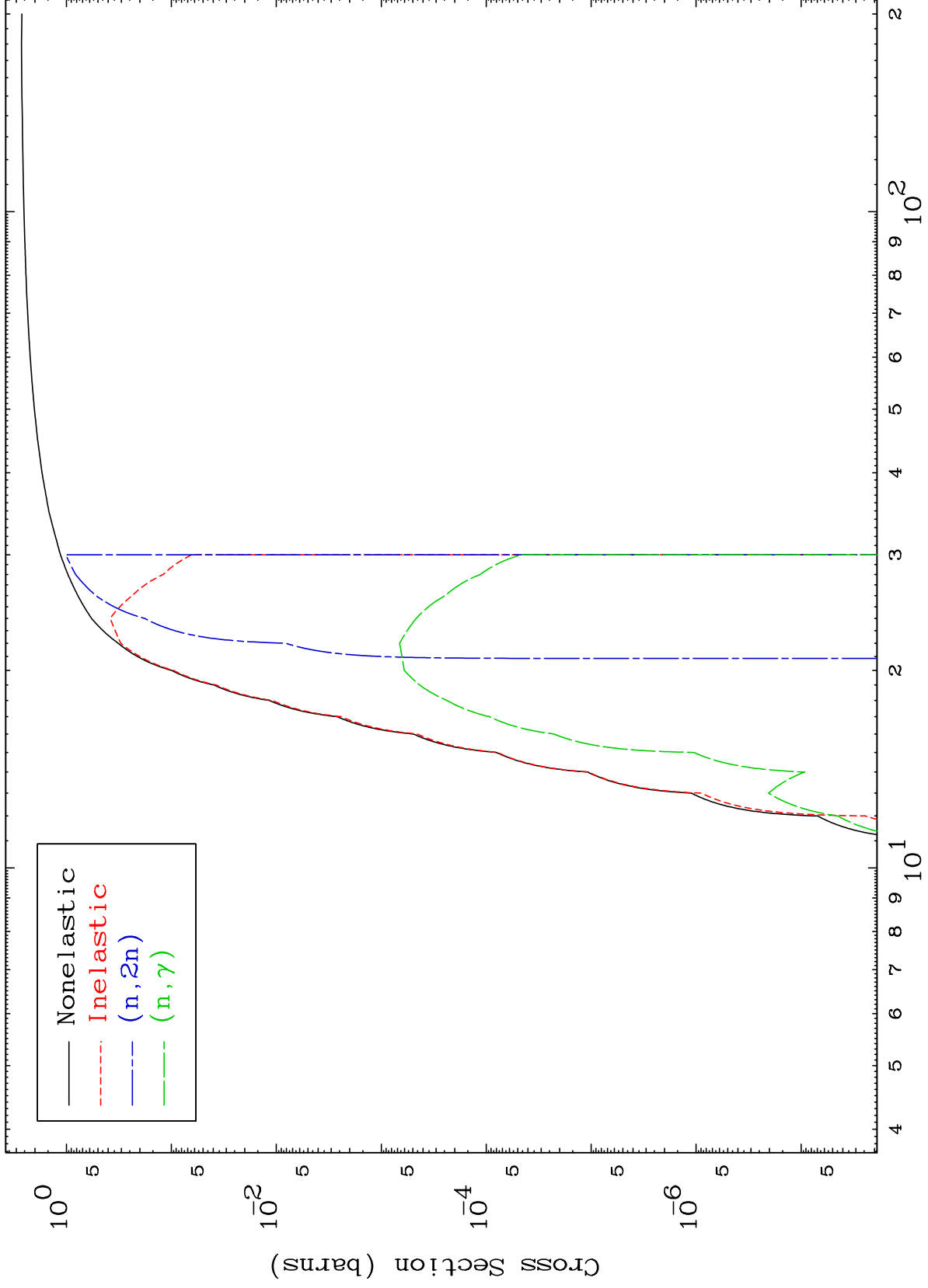
Press Mouse Button to Start

MAT 7711

0 Kelvin

Major Cross Sections

⁷⁷Ir-186m



1

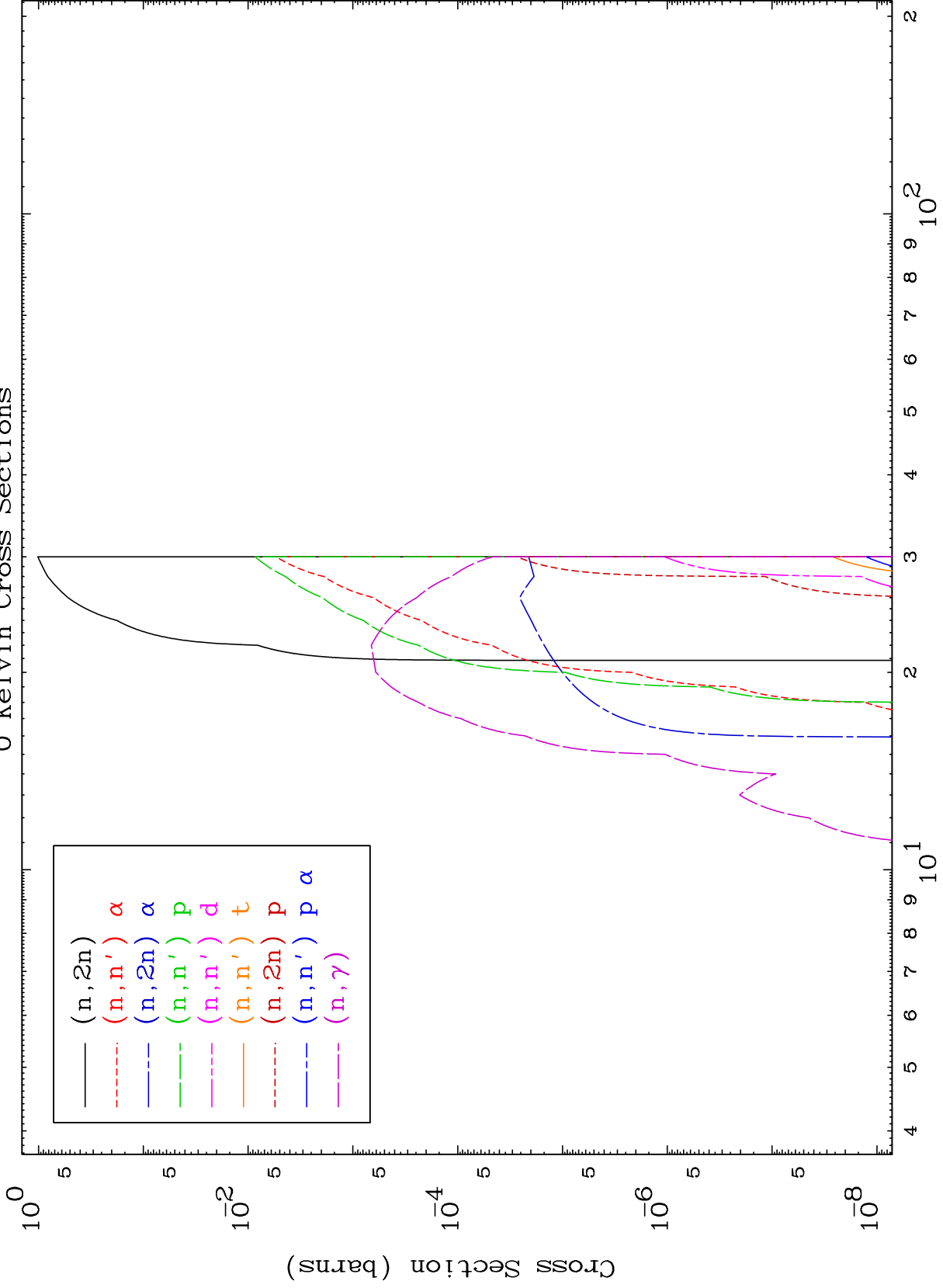
Incident Energy (MeV)

⁷⁷Ir-186m

MAT 7711

α Neutron Absorption
0 Kelvin Cross Sections

77-Ir-186m



2

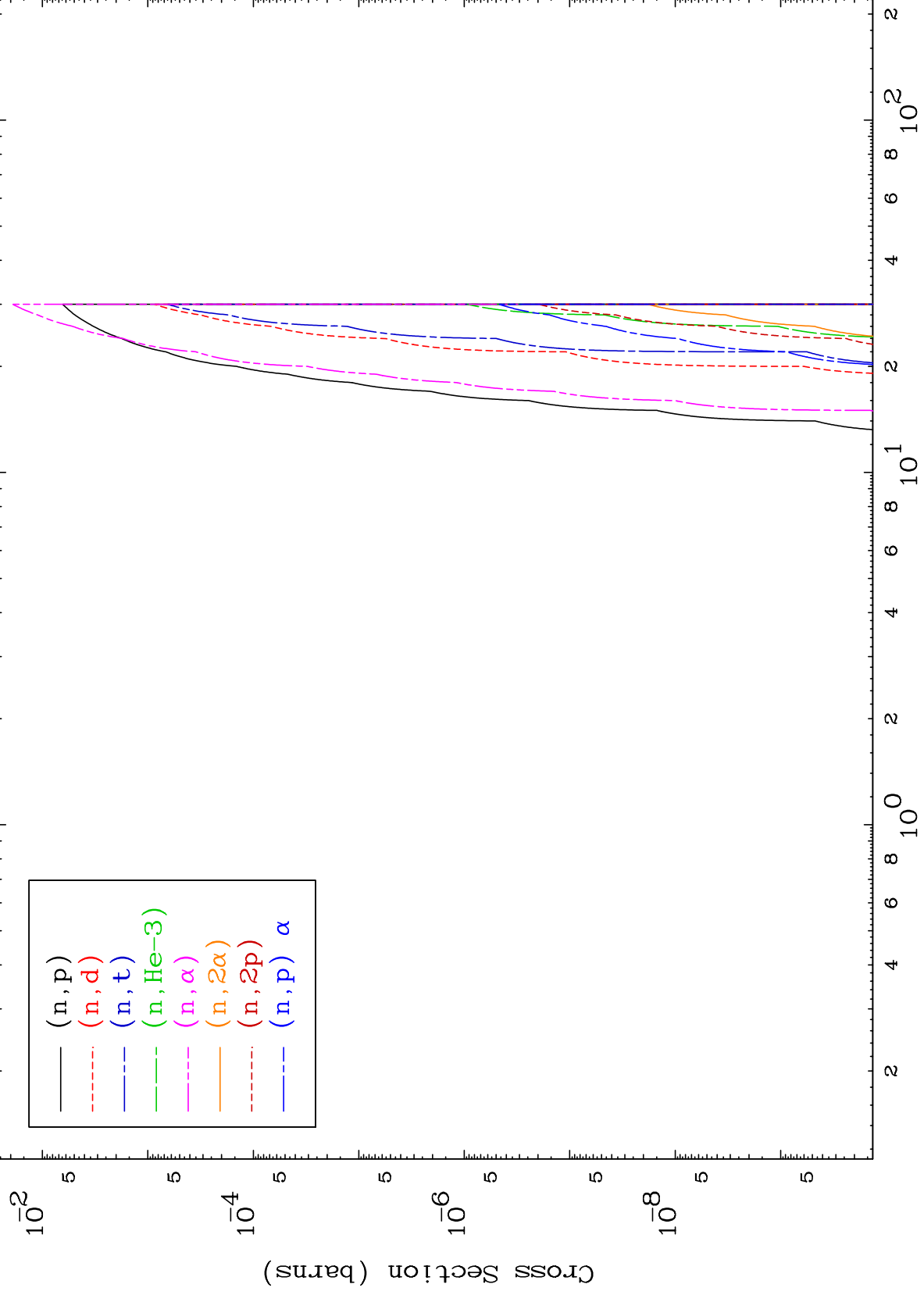
Incident Energy (MeV)

77-Ir-186m

MAT 7711

α Neutron Absorption
0 Kelvin Cross Sections

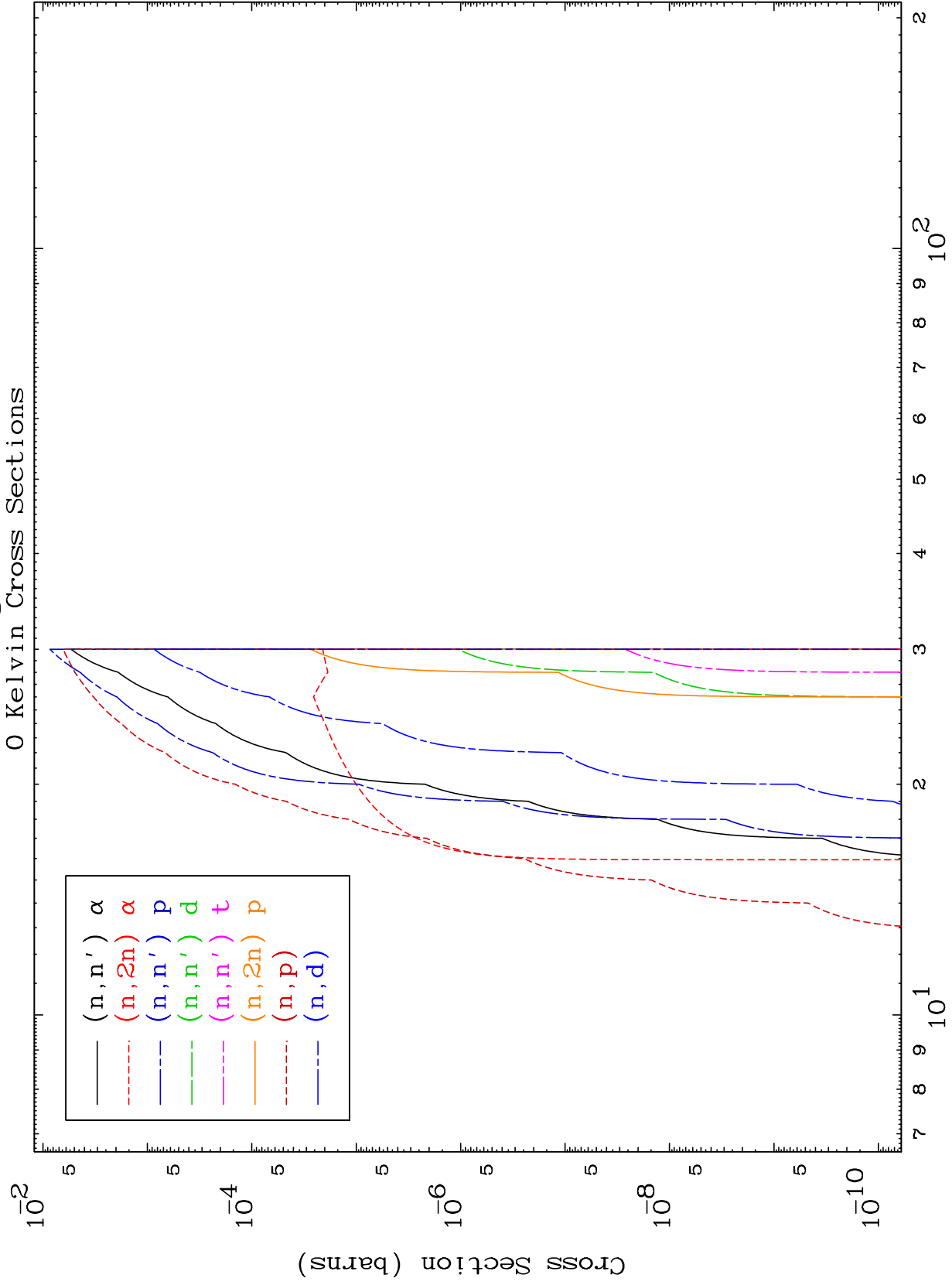
77-Ir-186m



MAT 7711

α Charged Particle

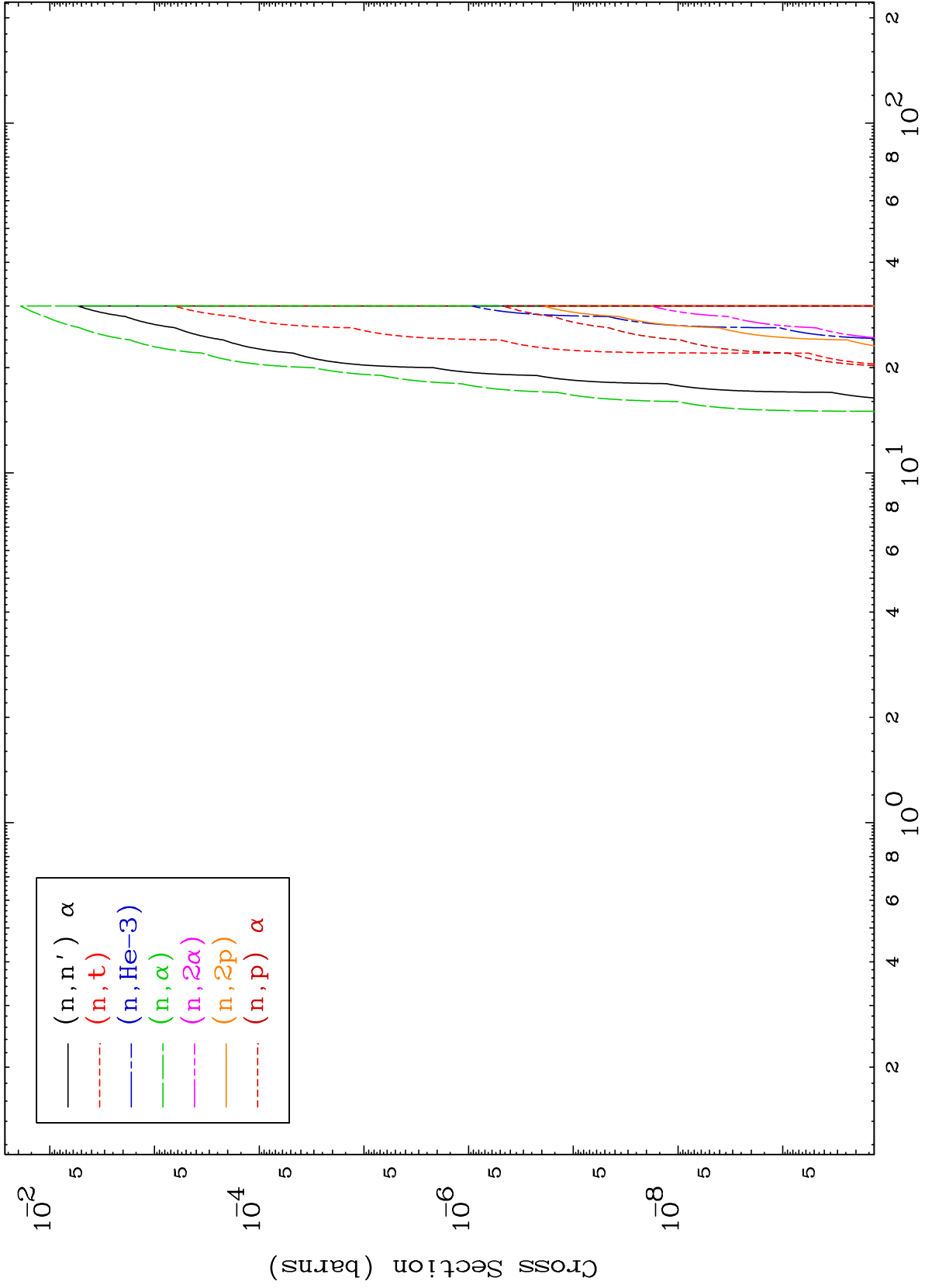
77-Ir-186m



MAT 7711

α Charged Particle
0 Kelvin Cross Sections

77-Ir-186m

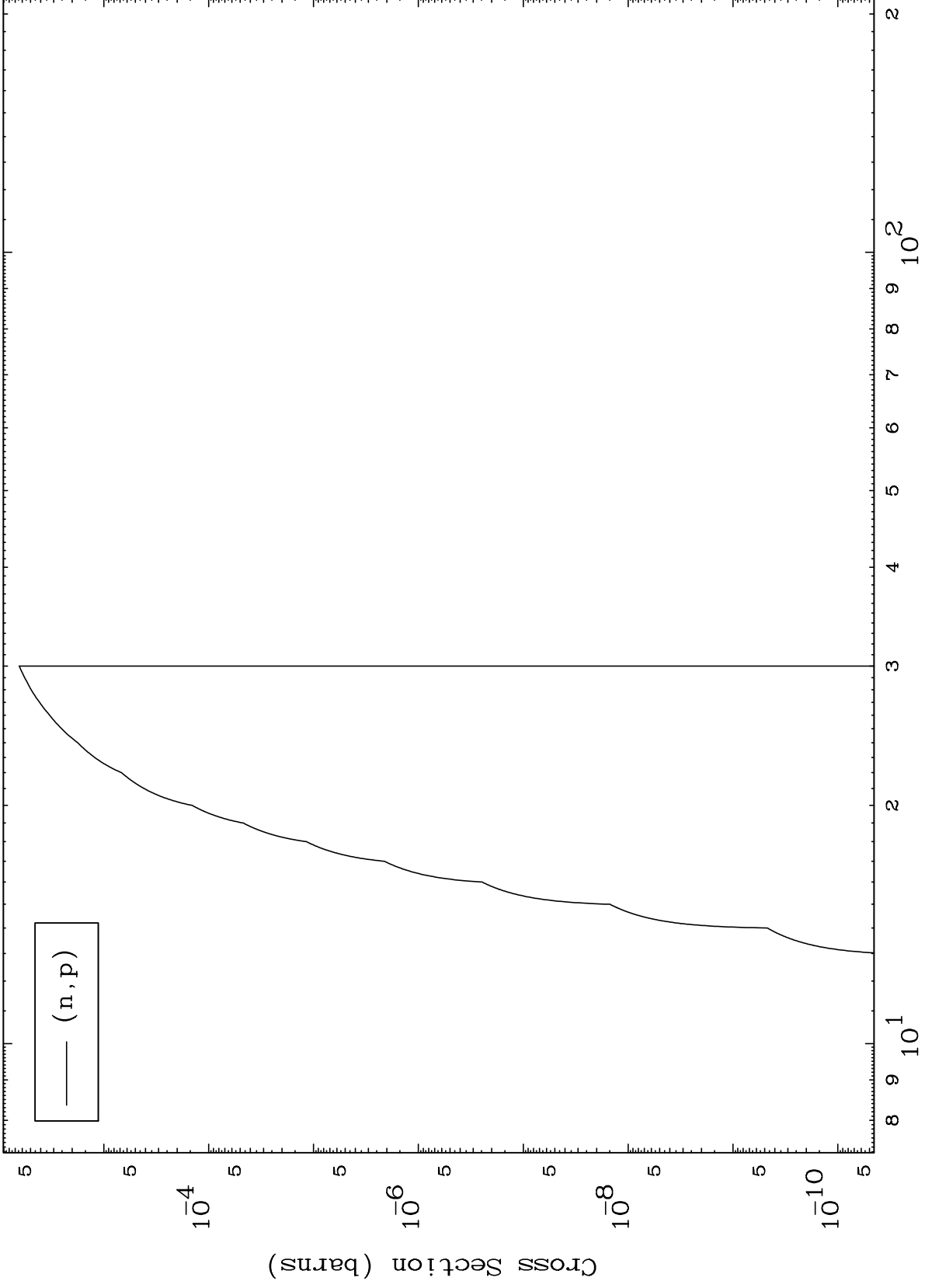


MAT 7711

(α, p) Levels

77-Ir-186m

0 Kelvin Cross Sections



6

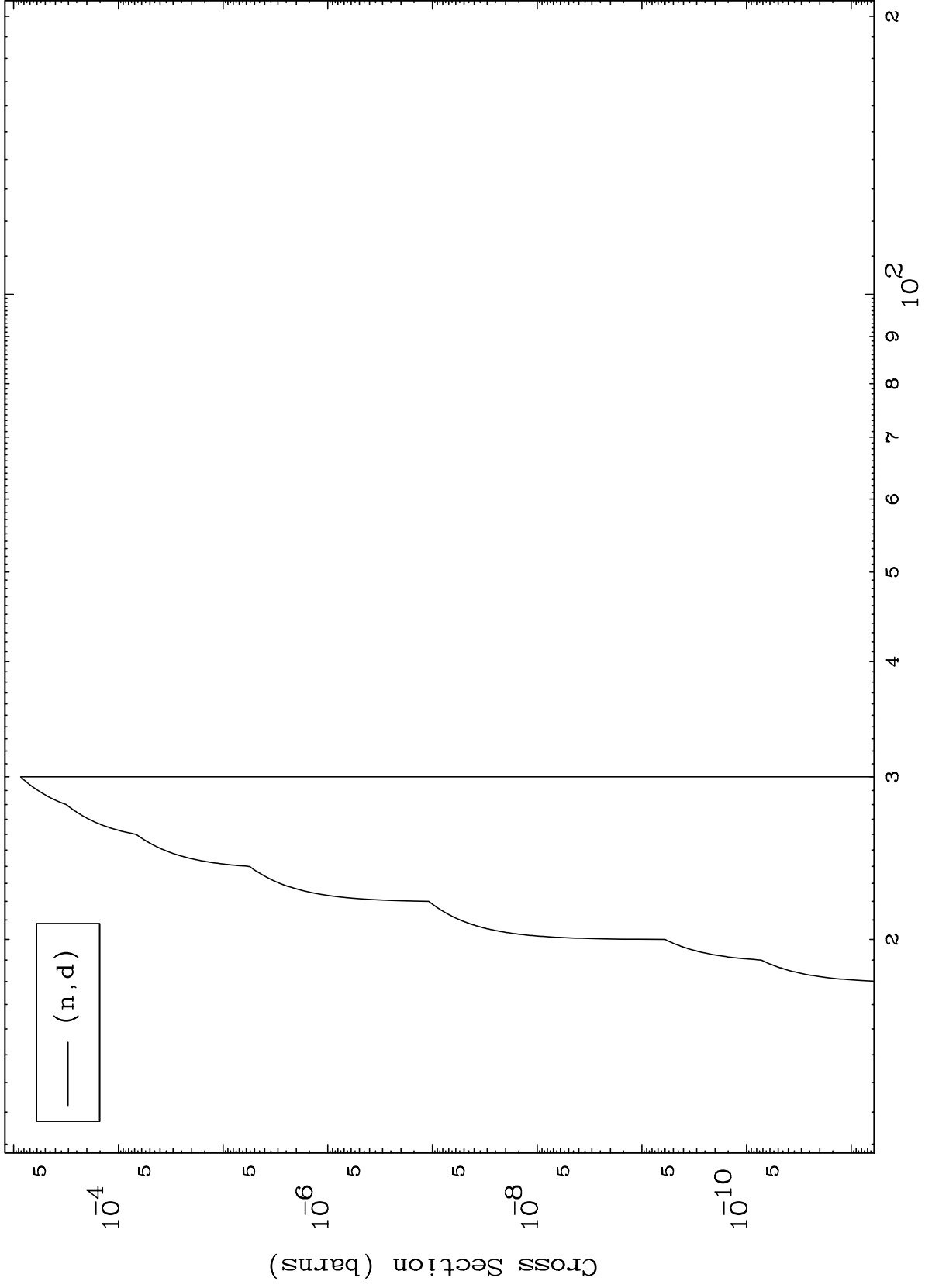
Incident Energy (MeV)

77-Ir-186m

MAT 7711

(α, d) Levels
0 Kelvin Cross Sections

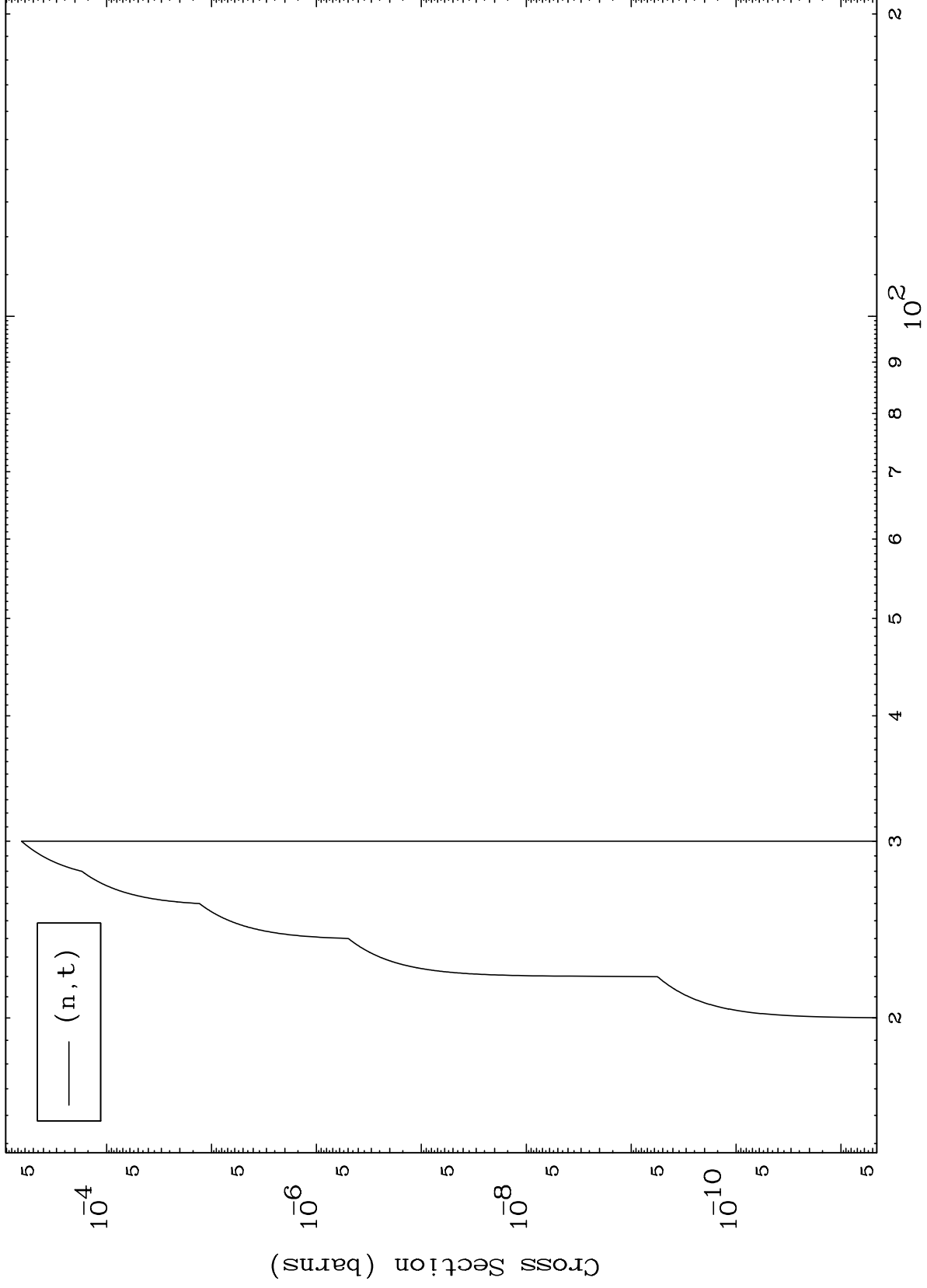
77-Ir-186m



MAT 7711

(α, t) Levels
0 Kelvin Cross Sections

77-Ir-186m



8

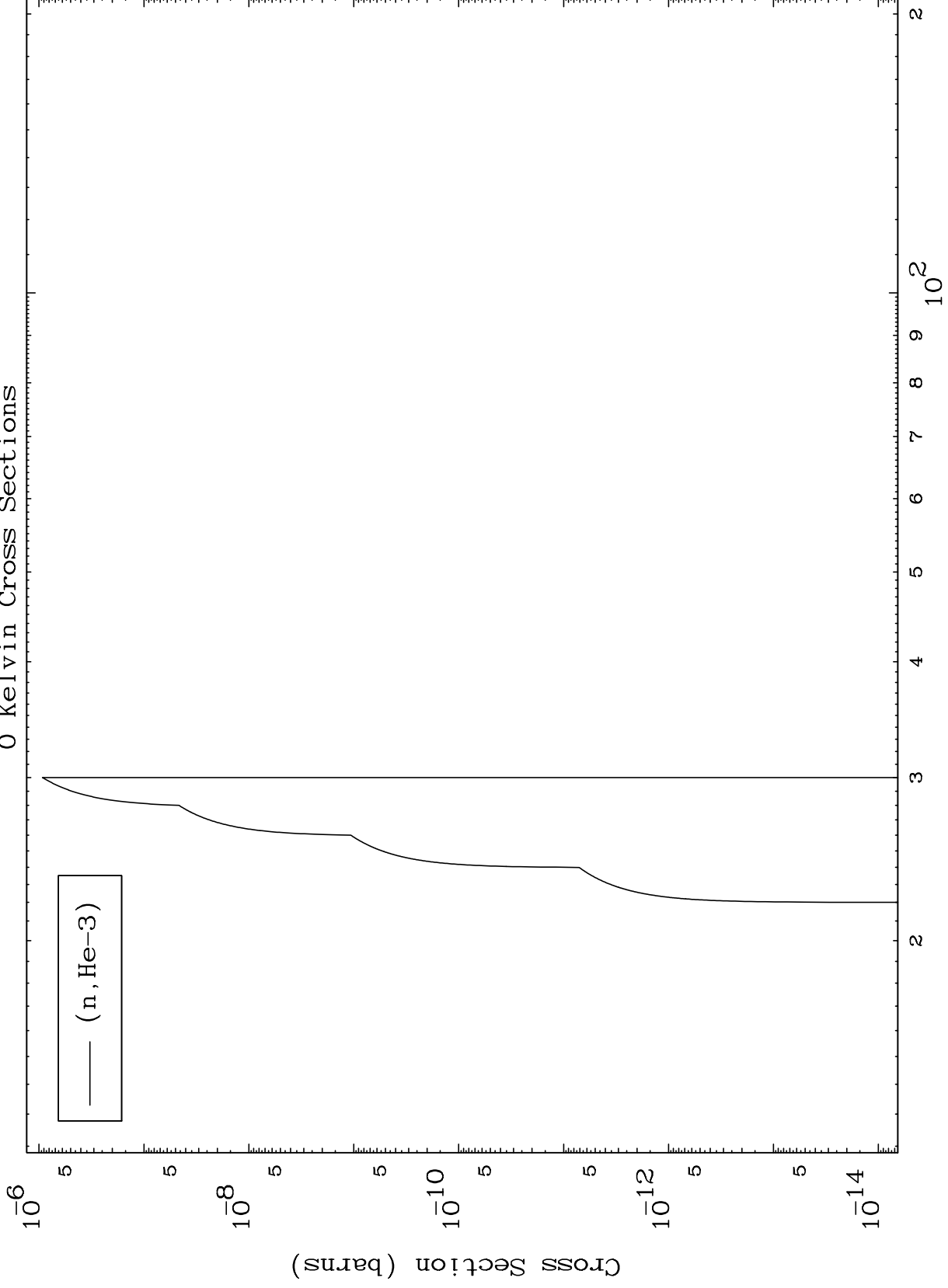
Incident Energy (MeV)

77-Ir-186m

MAT 7711

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

77-Ir-186m

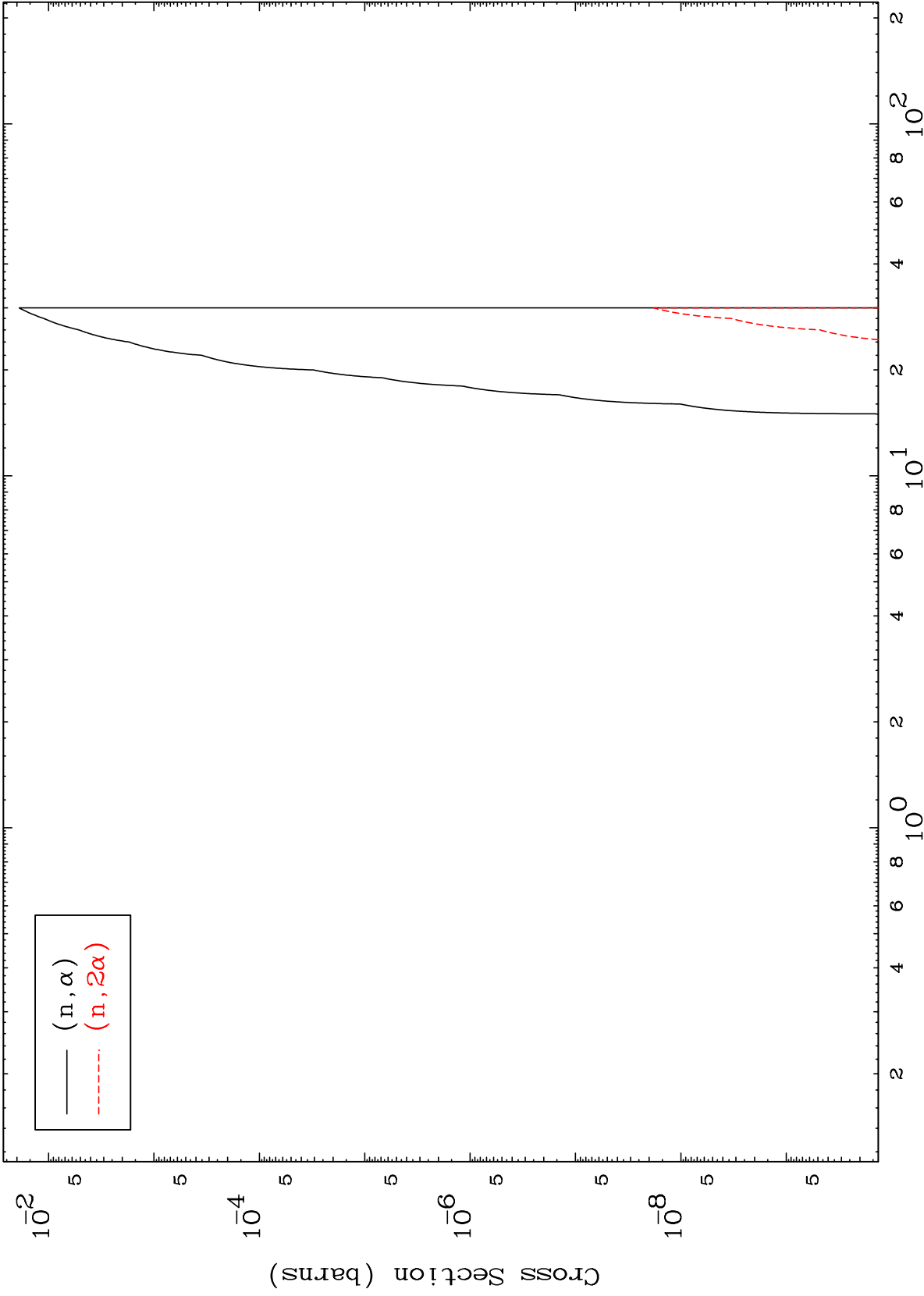


MAT 7711

(α, α) Levels

77-Ir-186m

0 Kelvin Cross Sections

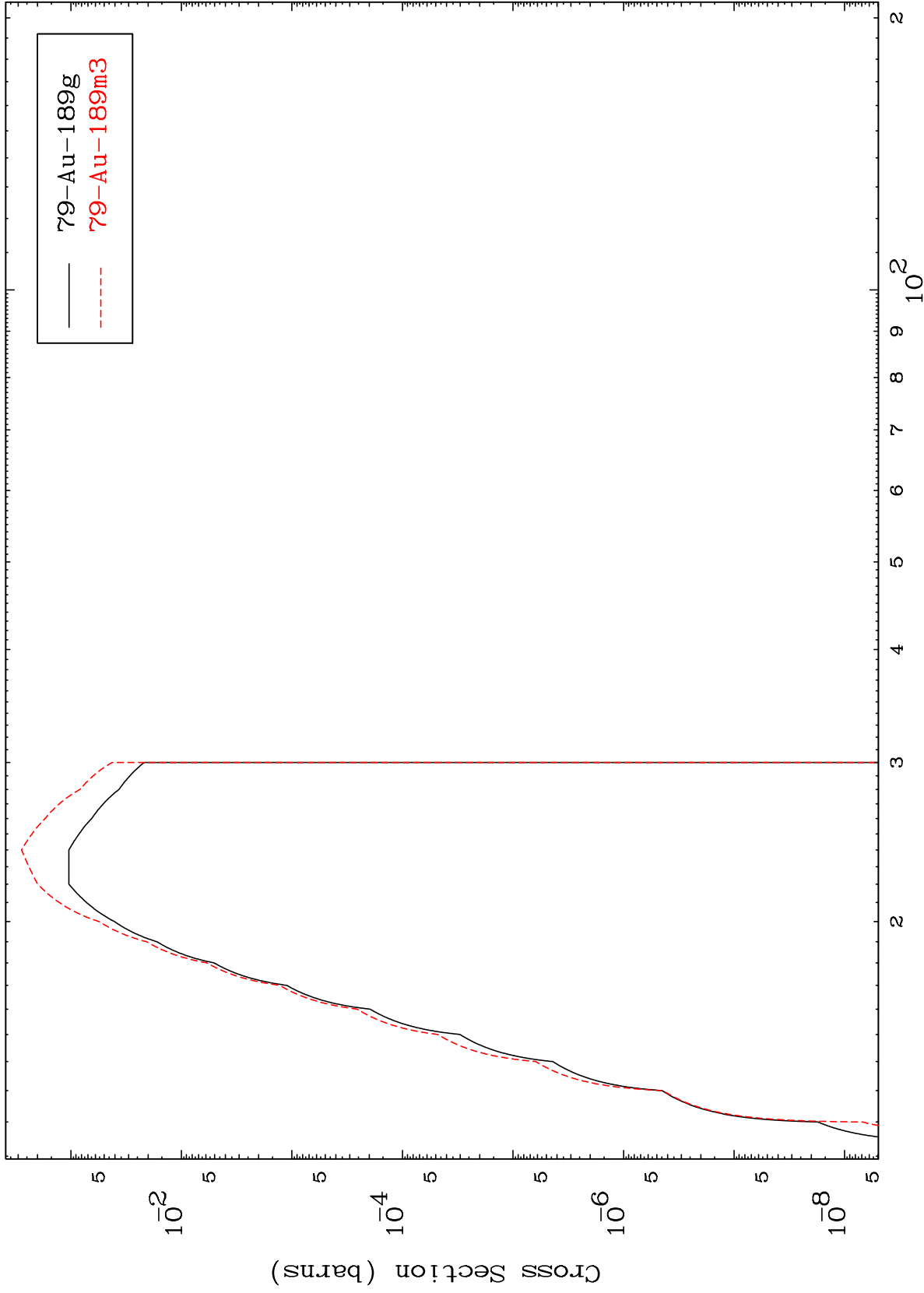


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Incident Energy (MeV)

77-Ir-186m

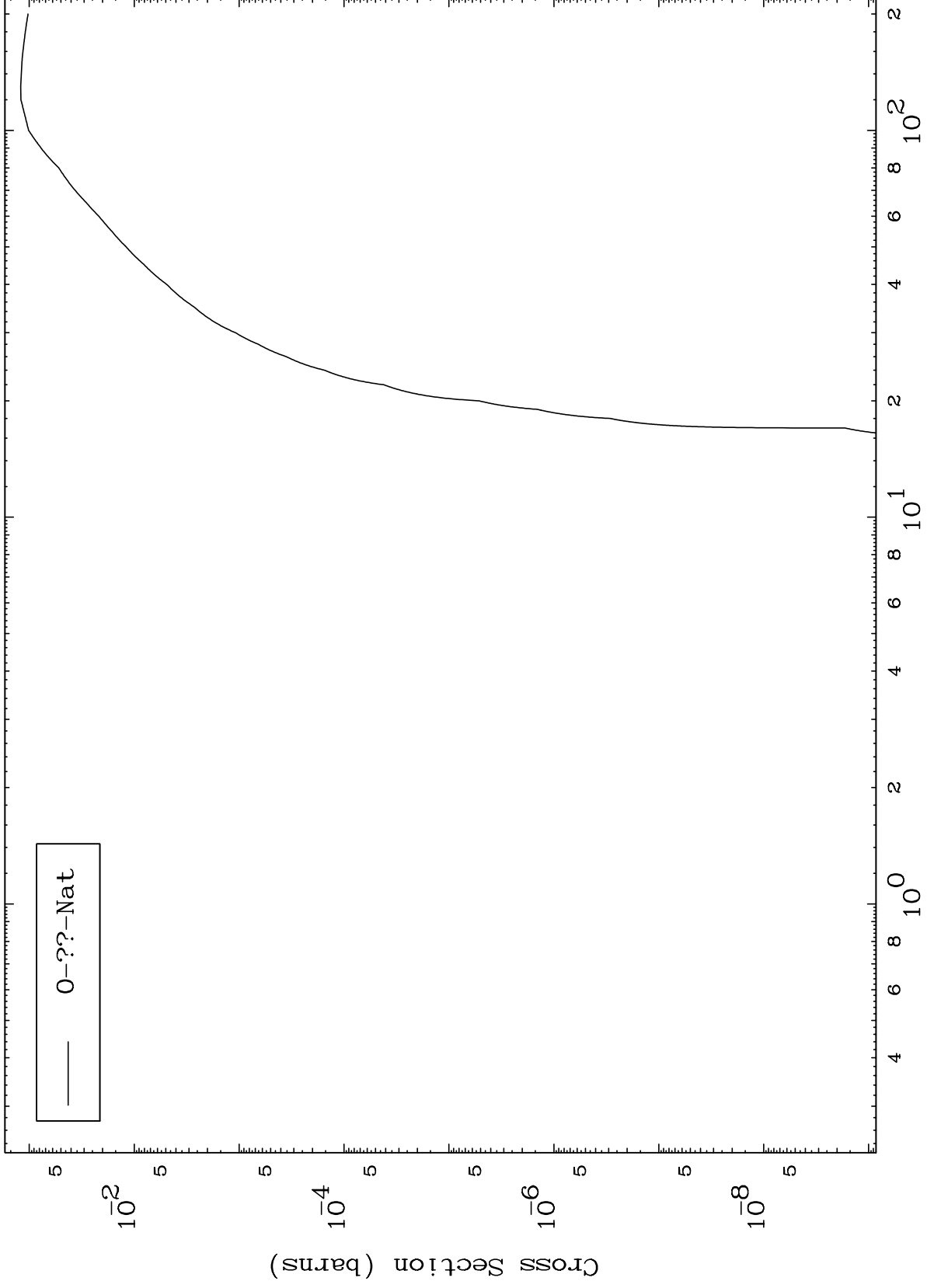
Inelastic
Radionuclide Production Cross Section



MAT 7711

Fission
Radionuclide Production Cross Section

⁷⁷Ir-186m



12

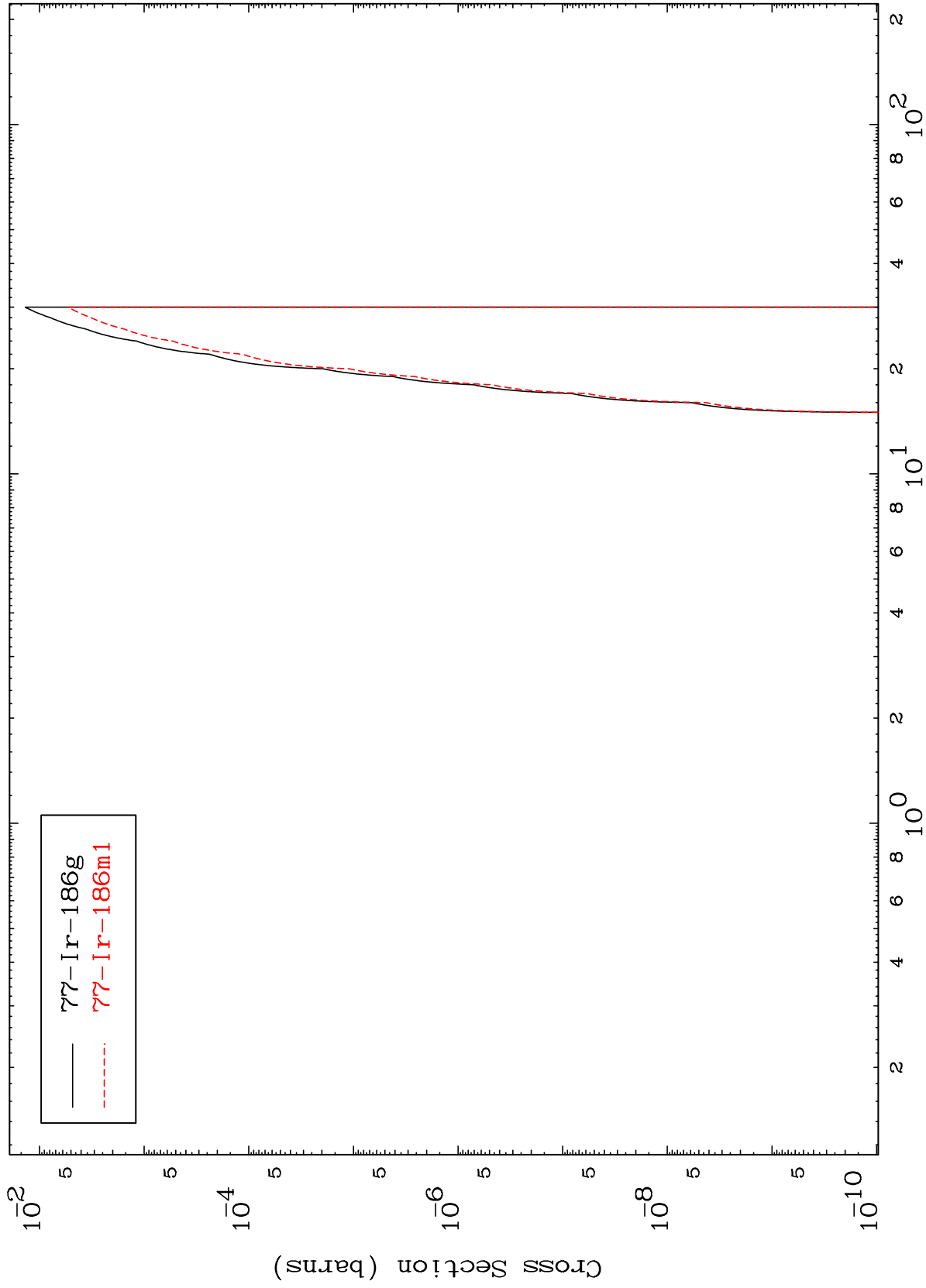
Incident Energy (MeV)

⁷⁷Ir-186m

MAT 7711

⁷⁷Ir-186m

Radionuclide Production Cross Section



Incident Energy (MeV)

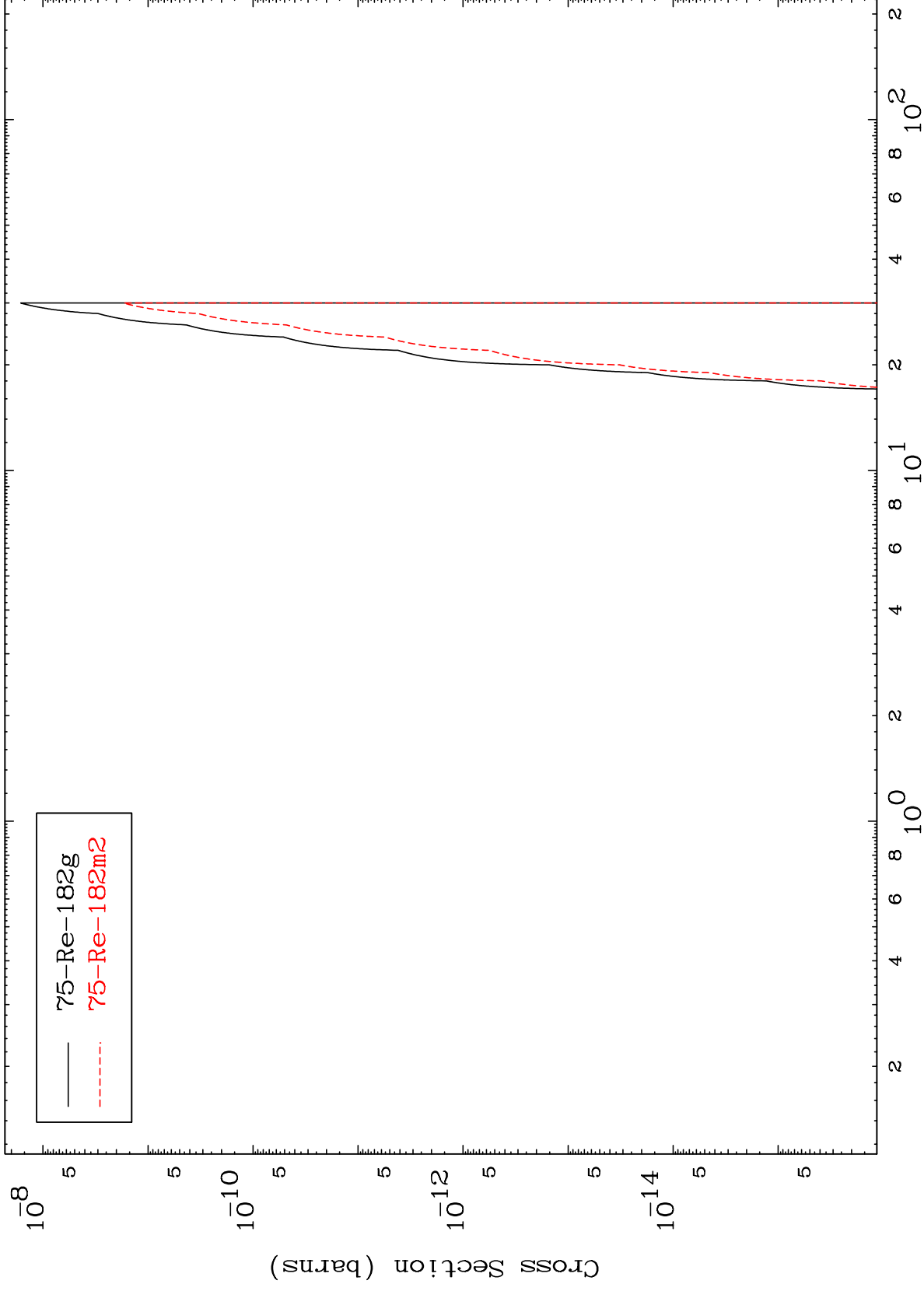
⁷⁷Ir-186m

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(n,2α)

⁷⁷Ir-186m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

⁷⁷Ir-186m