

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

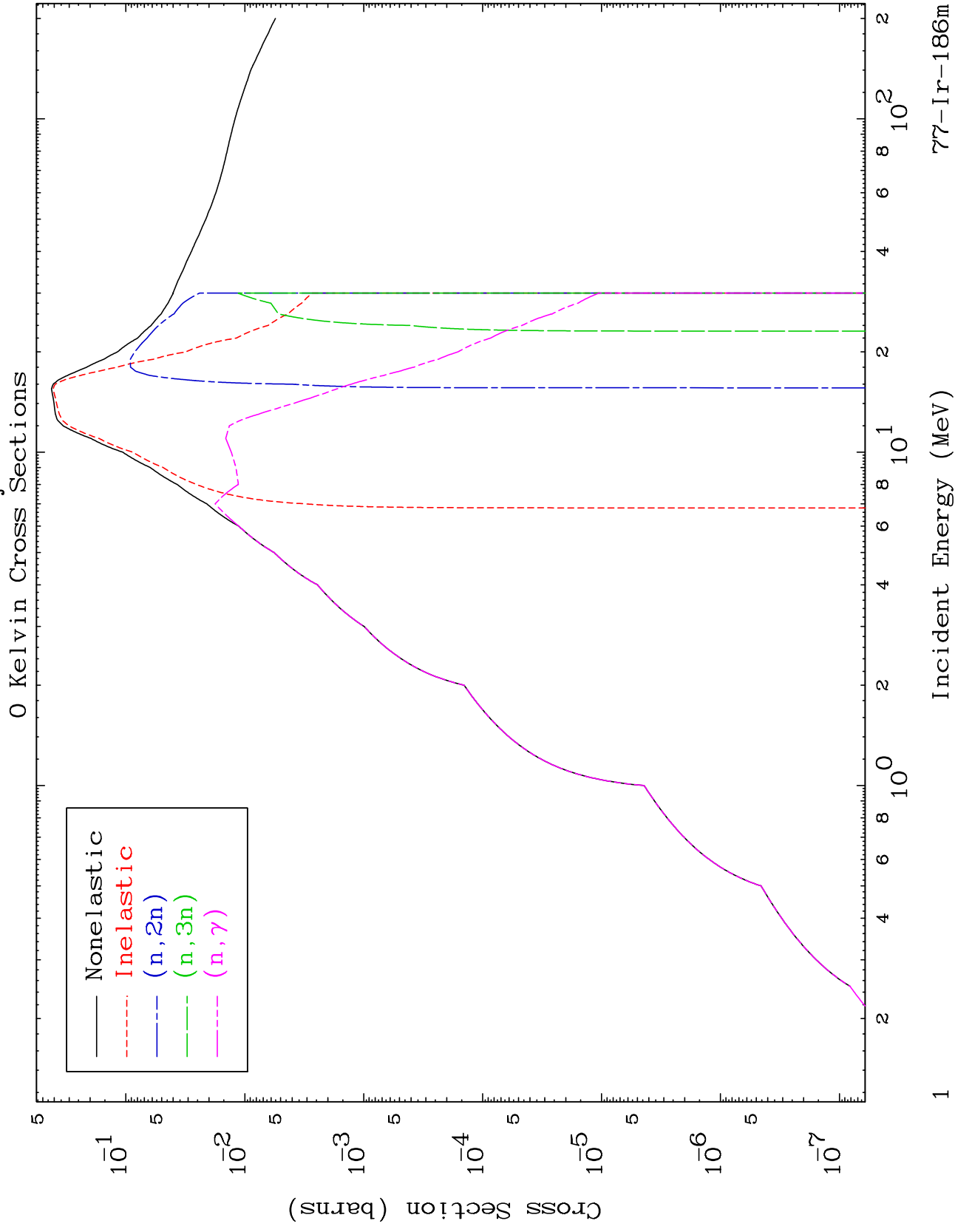
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7711

Photon Major

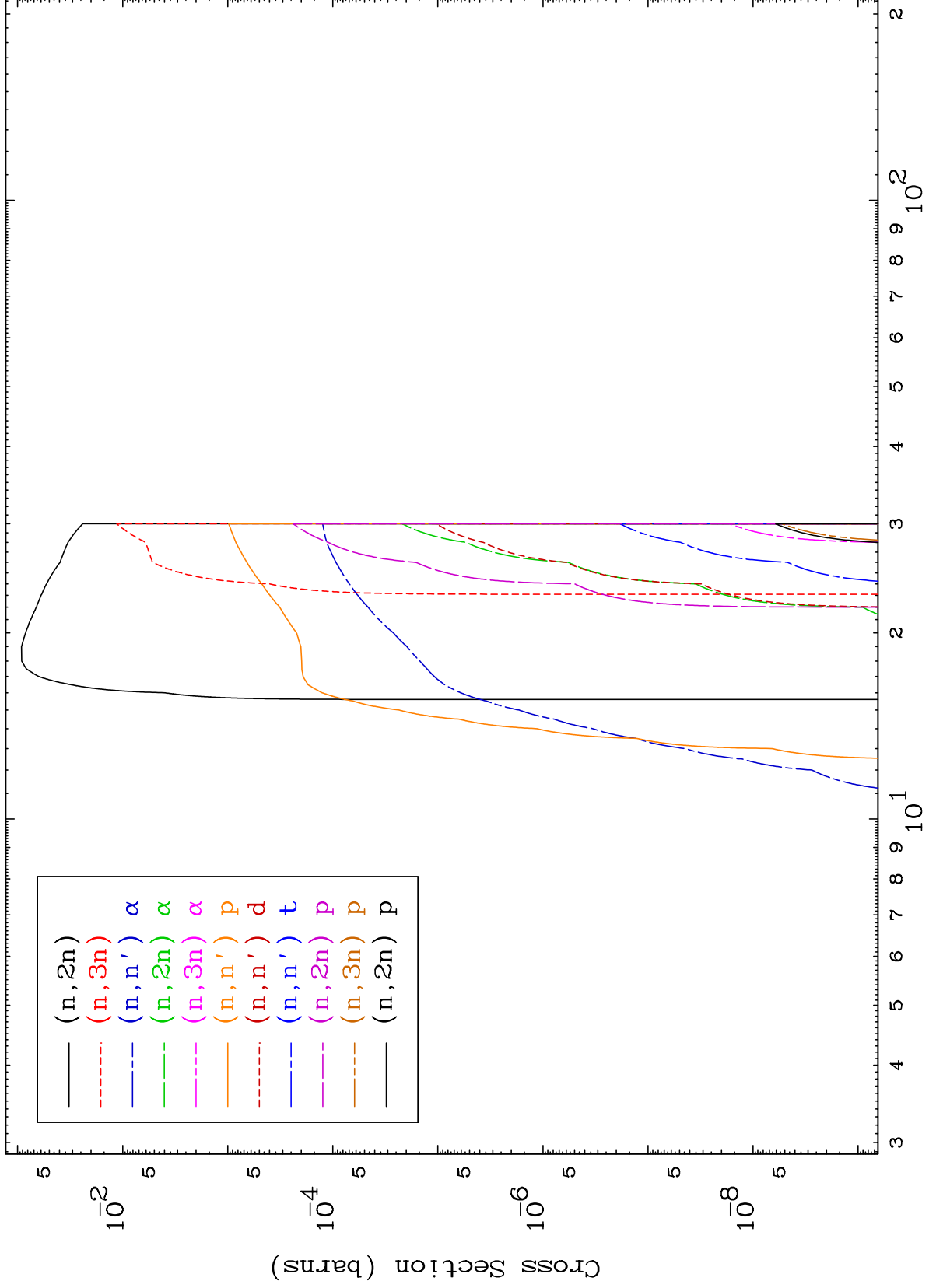
77-Ir-186m

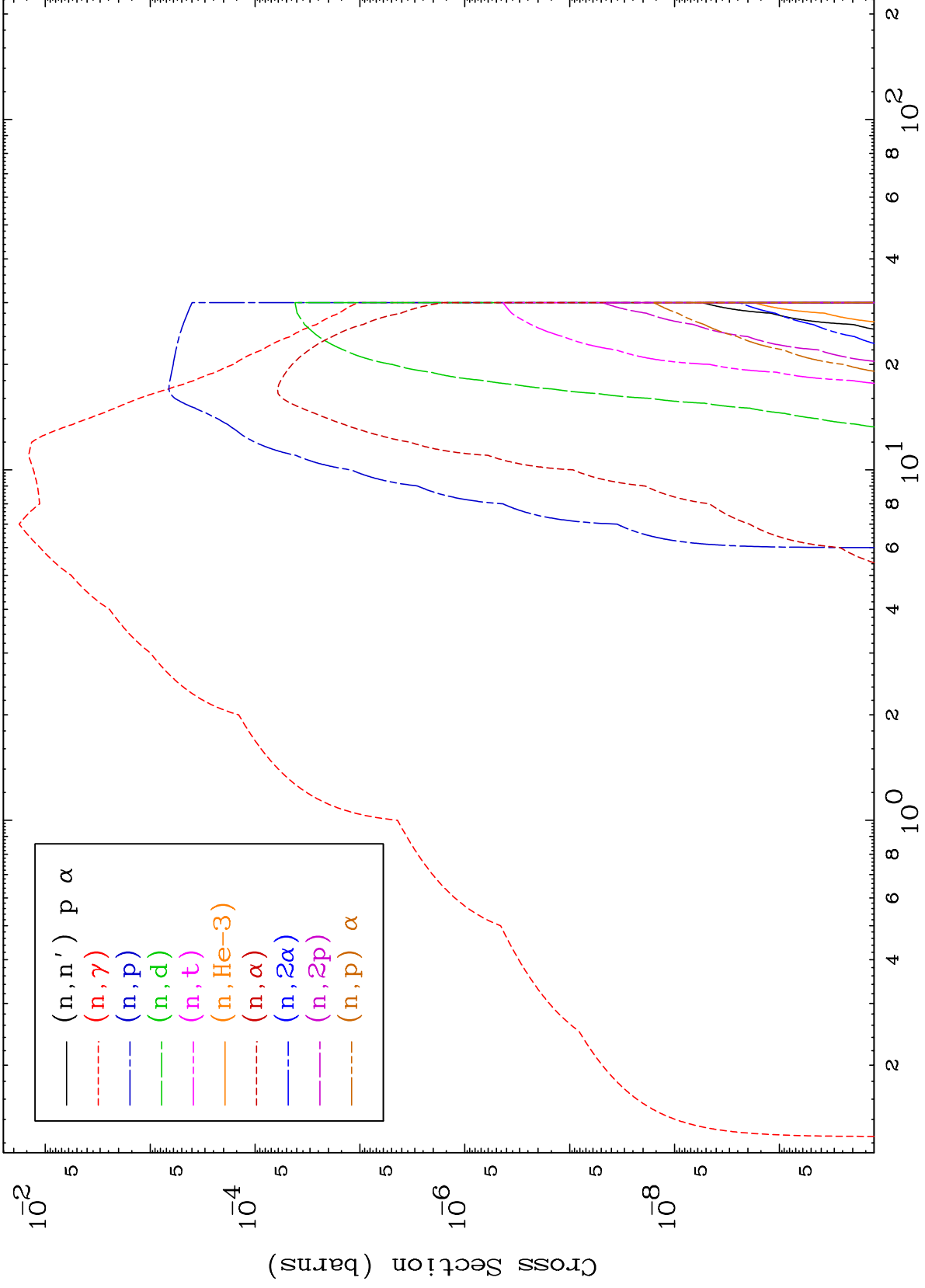


MAT 7711

Photon Neutron Absorption
0 Kelvin Cross Sections

77-Ir-186m

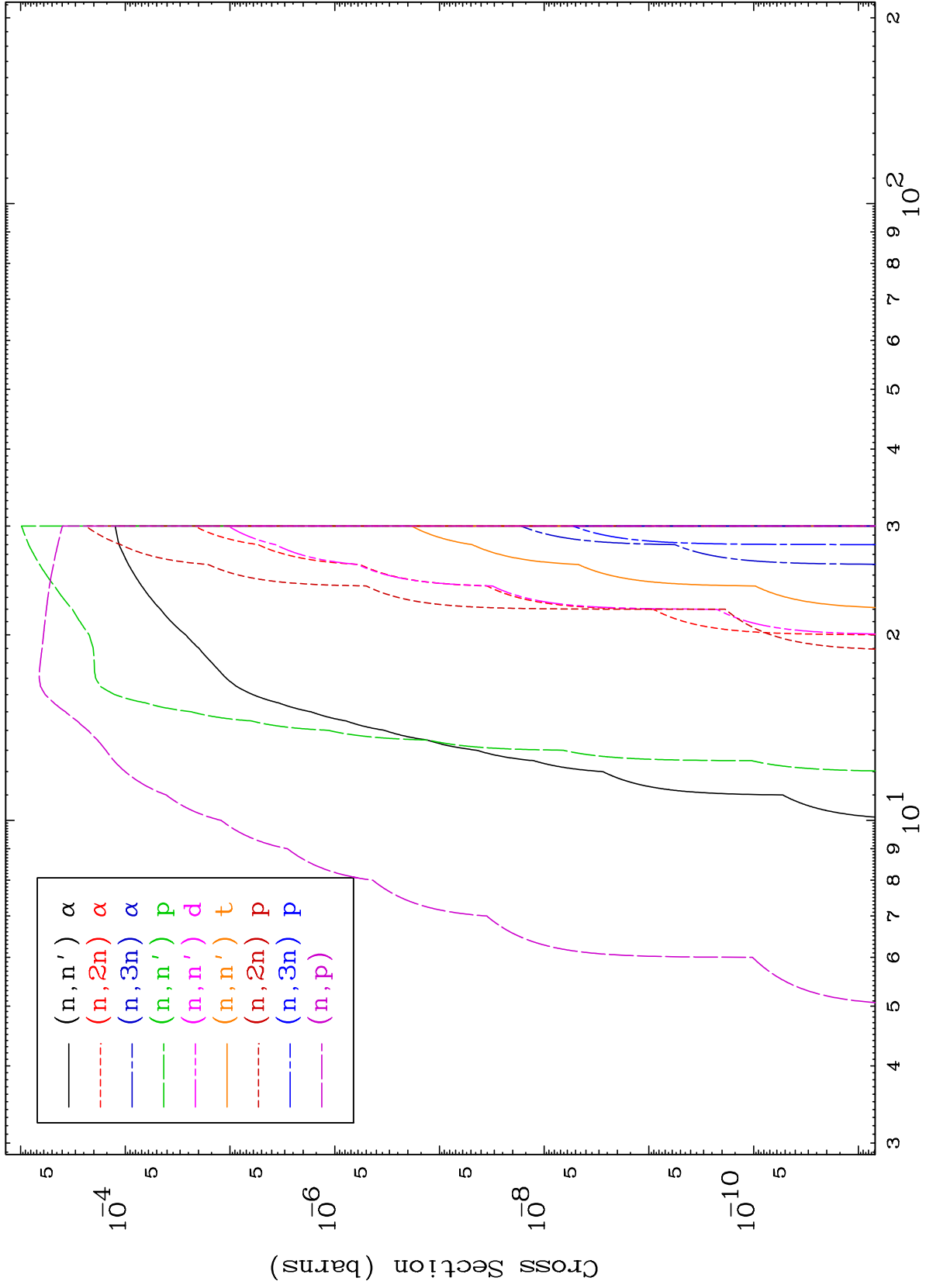




MAT 7711

Photon Charged Particle
0 Kelvin Cross Sections

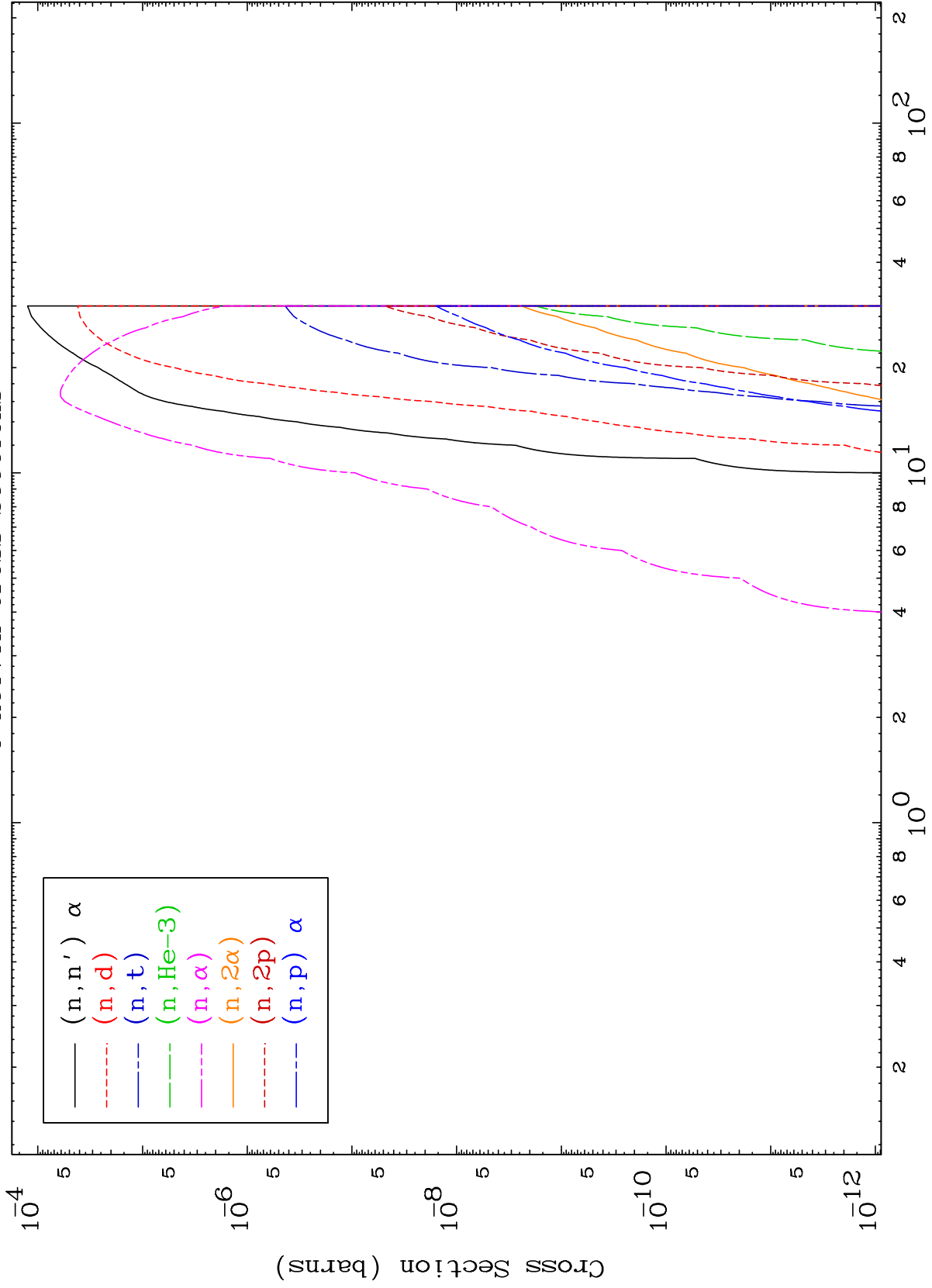
77-Ir-186m



MAT 7711

Photon Charged Particle
0 Kelvin Cross Sections

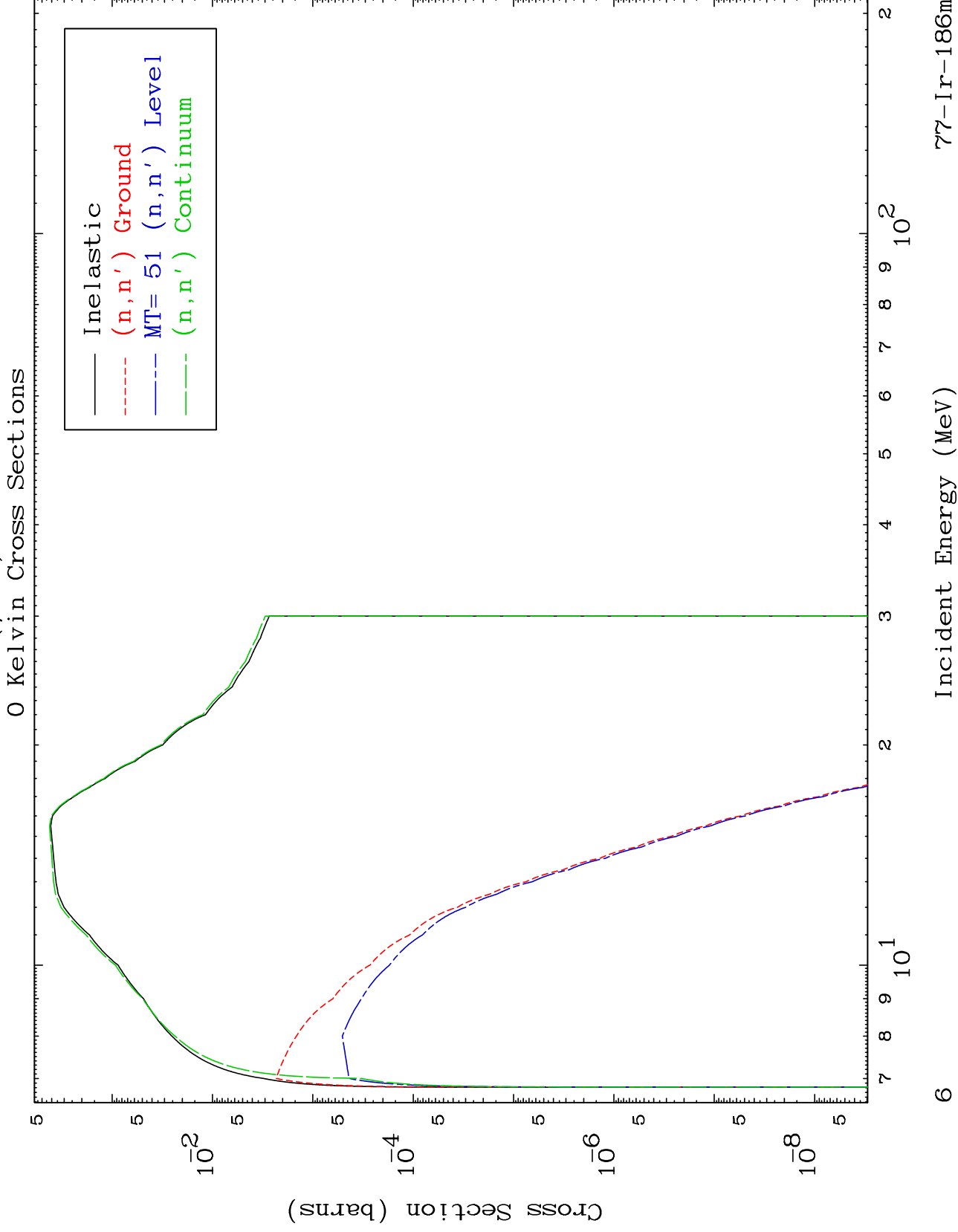
77-Ir-186m



MAT 7711

(γ, n') Levels

77-Ir-186m



6

Incident Energy (MeV)

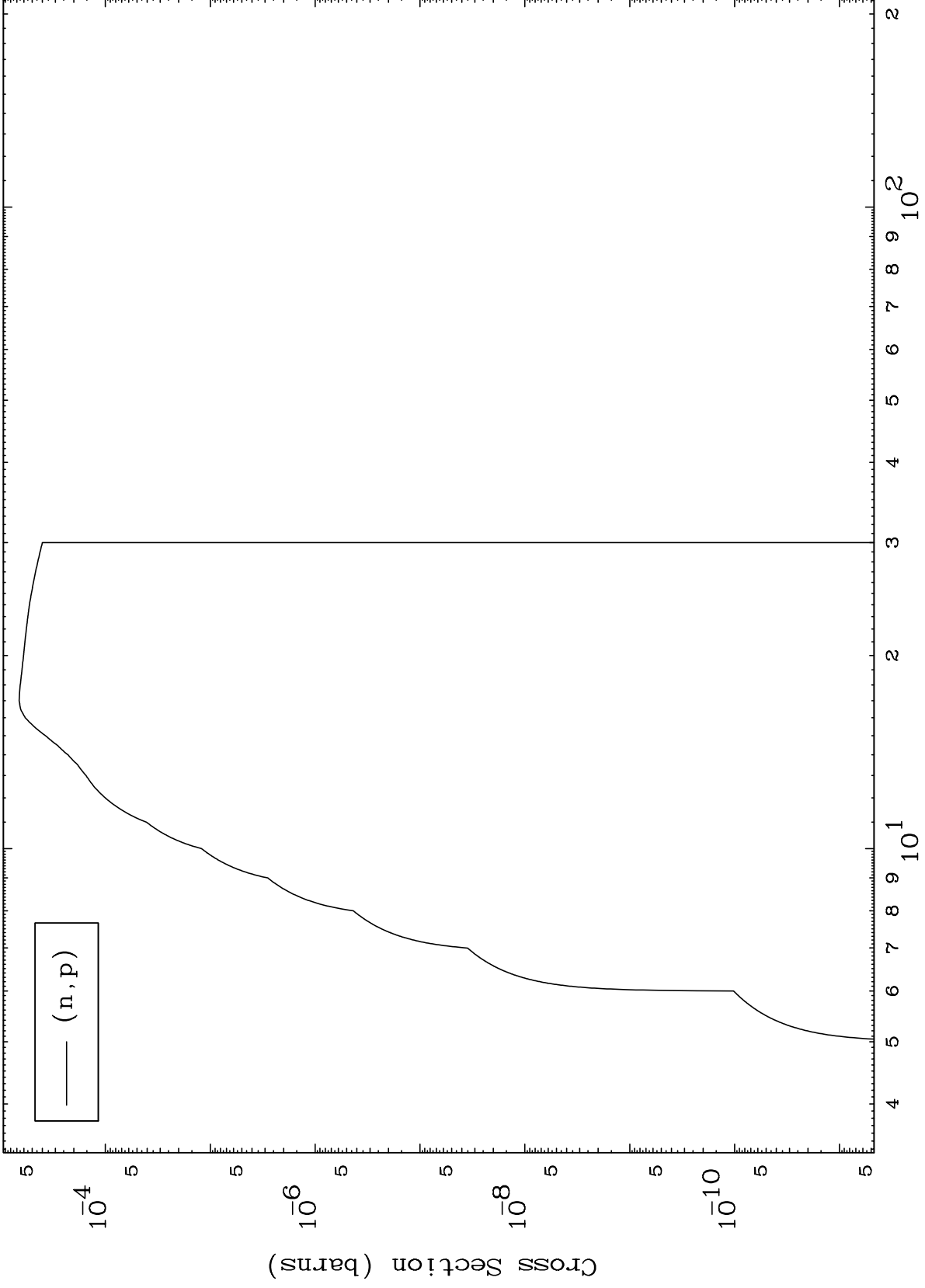
77-Ir-186m

MAT 7711

(γ, p) Levels

77-Ir-186m

0 Kelvin Cross Sections



7

Incident Energy (MeV)

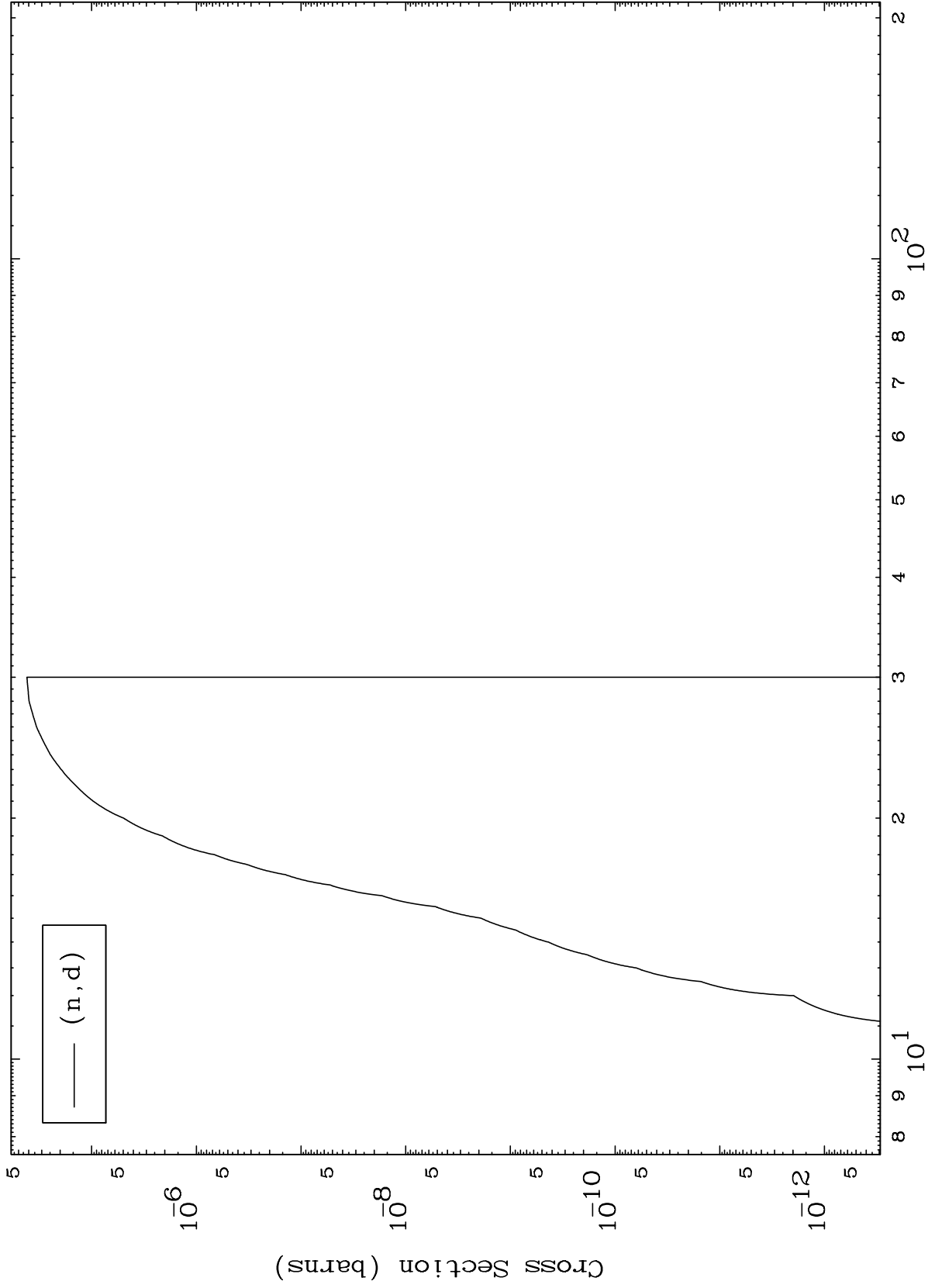
77-Ir-186m

MAT 7711

(γ, d) Levels

$^{77}\text{Ir}-186\text{m}$

0 Kelvin Cross Sections



8

Incident Energy (MeV)

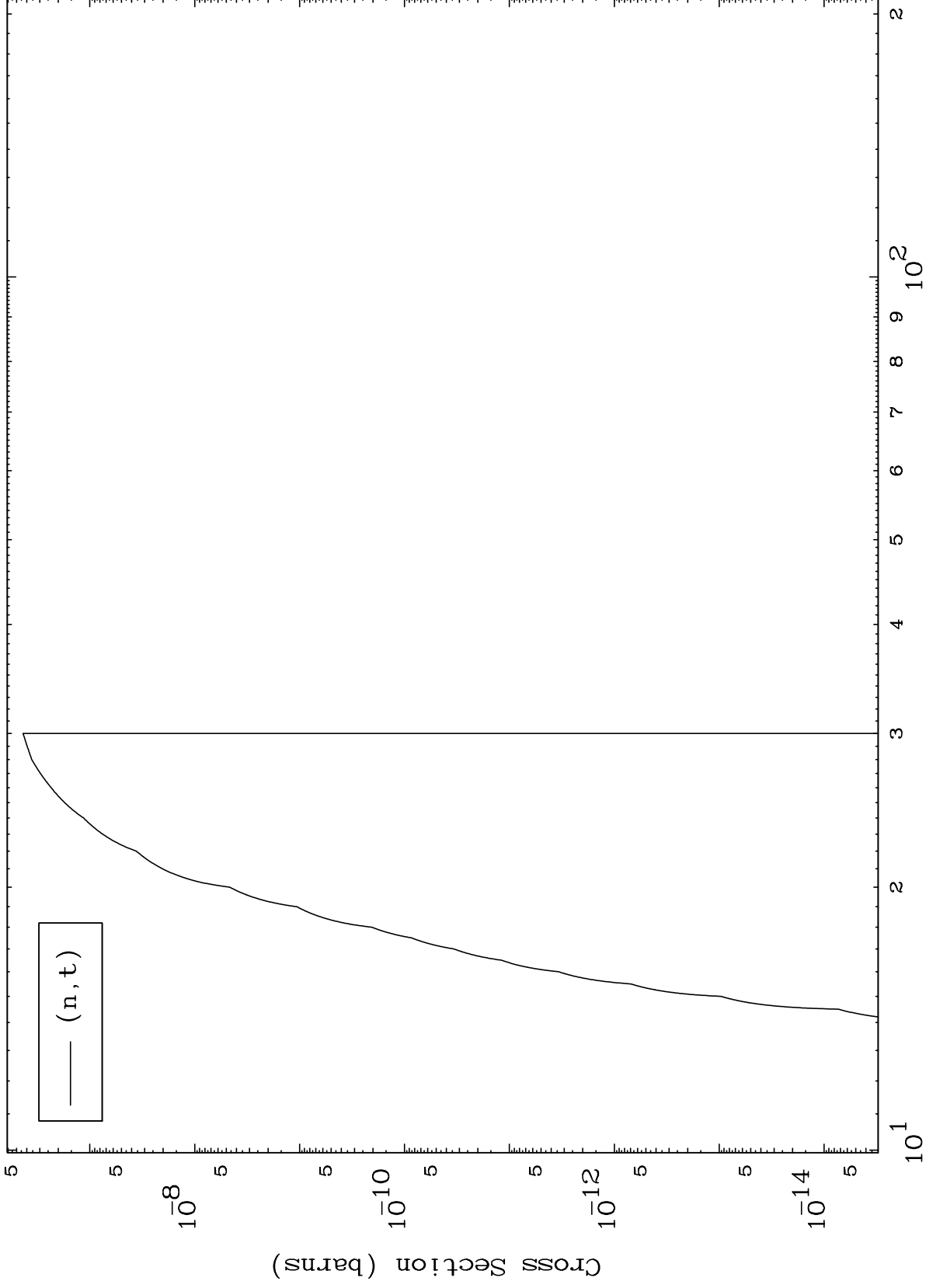
$^{77}\text{Ir}-186\text{m}$

MAT 7711

(γ, t) Levels

77-Ir-186m

0 Kelvin Cross Sections



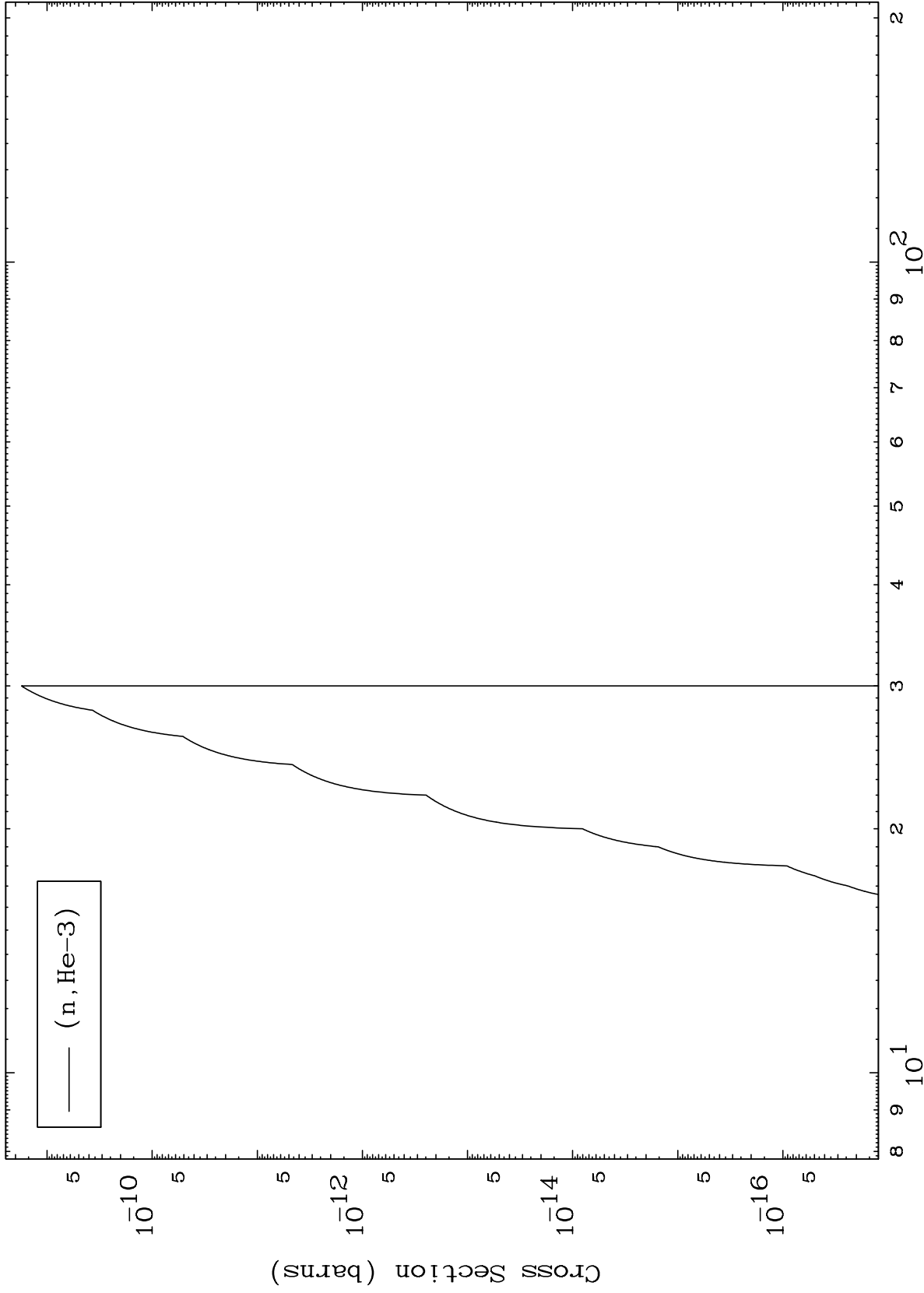
Incident Energy (MeV)

77-Ir-186m

MAT 7711

(γ ,He3) Levels
0 Kelvin Cross Sections

77-Ir-186m



10

Incident Energy (MeV)

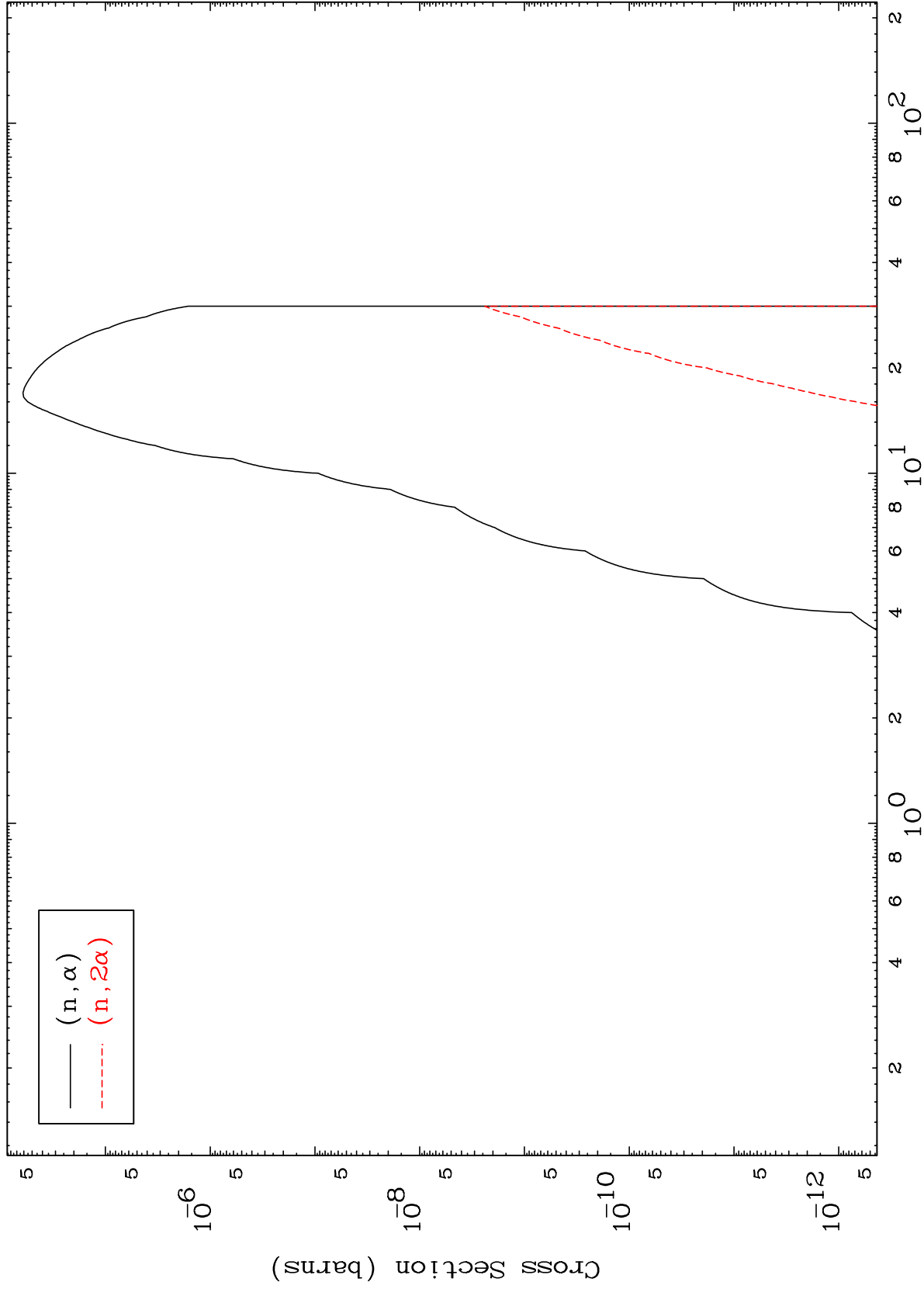
77-Ir-186m

MAT 7711

(γ, α) Levels

77-Ir-186m

0 Kelvin Cross Sections

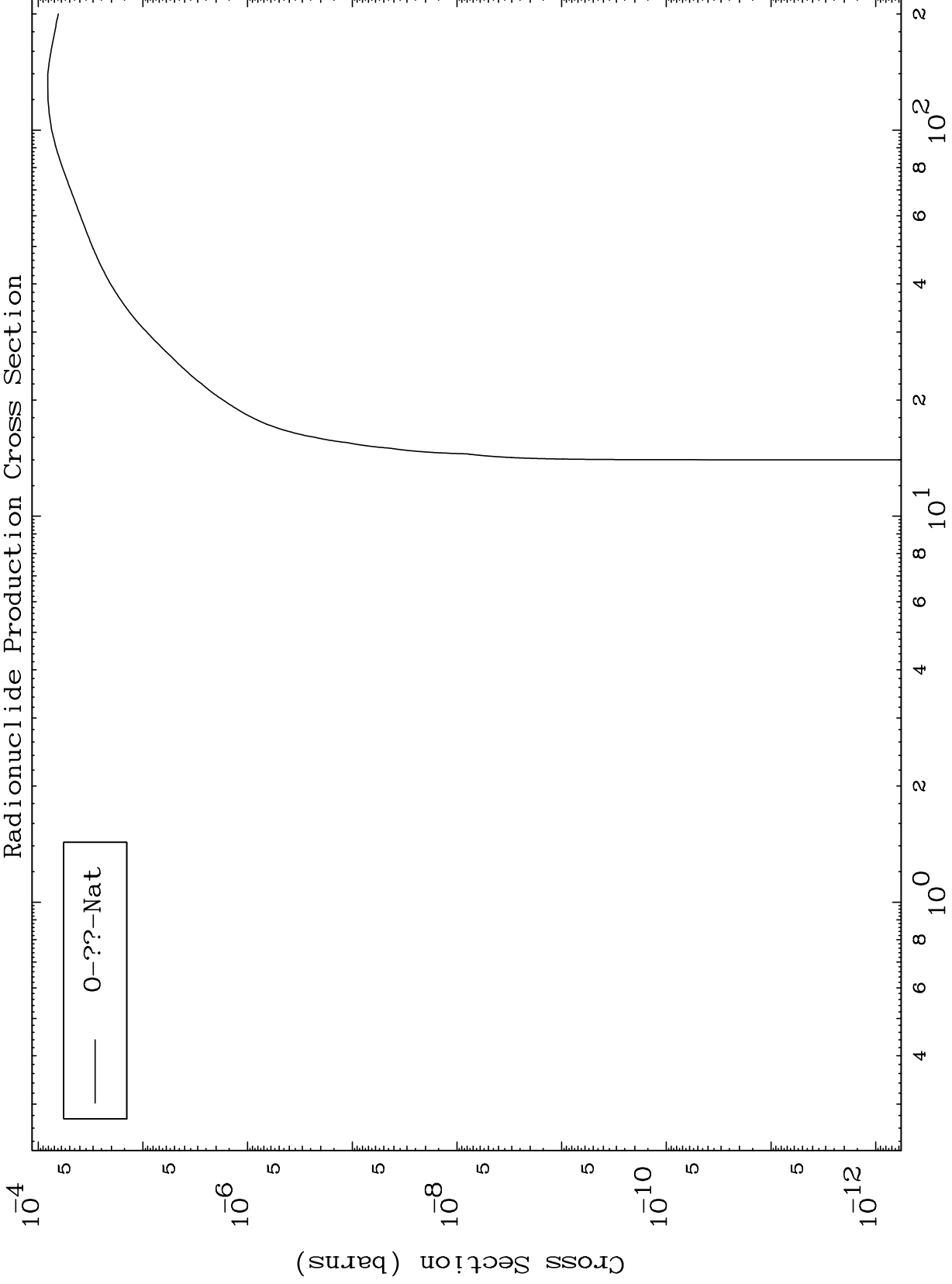


MAT 7711

Fission

⁷⁷Ir-186m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

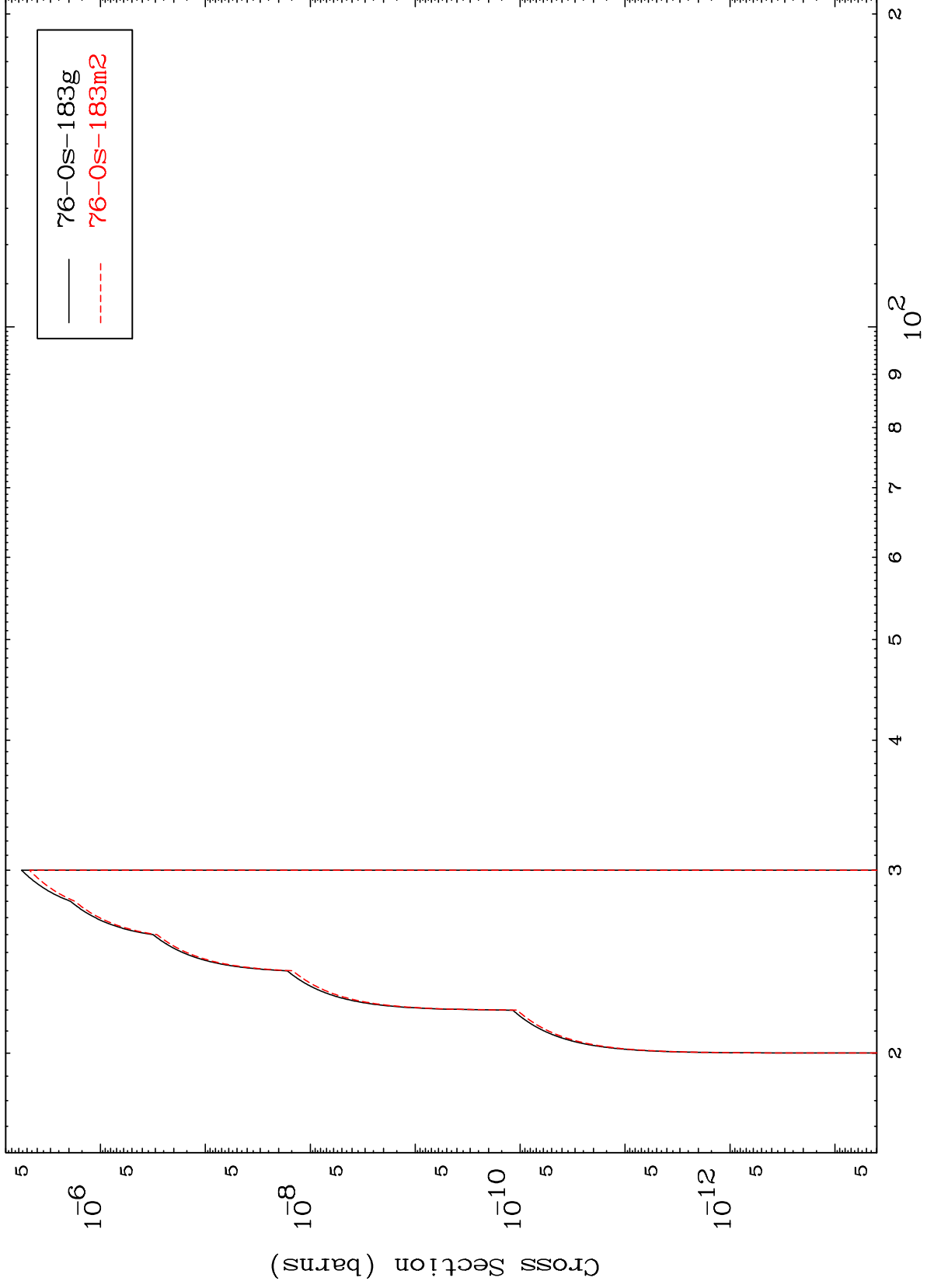
⁷⁷Ir-186m

MAT 7711

(n,n') d

77-Ir-186m

Radionuclide Production Cross Section



13

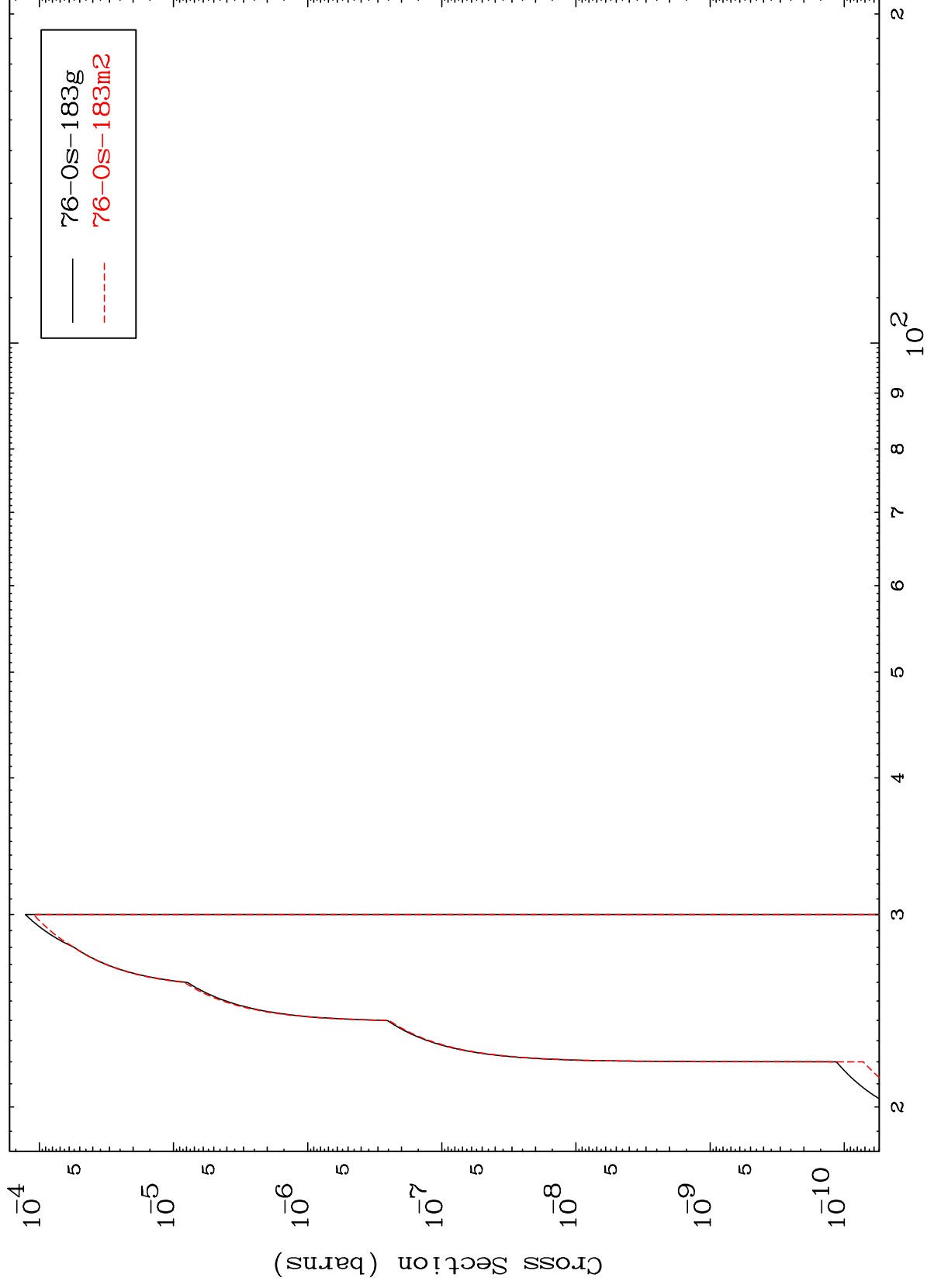
Incident Energy (MeV)

77-Ir-186m

MAT 7711

77-Ir-186m

(n,2n) p
Radionuclide Production Cross Section



77-Ir-186m

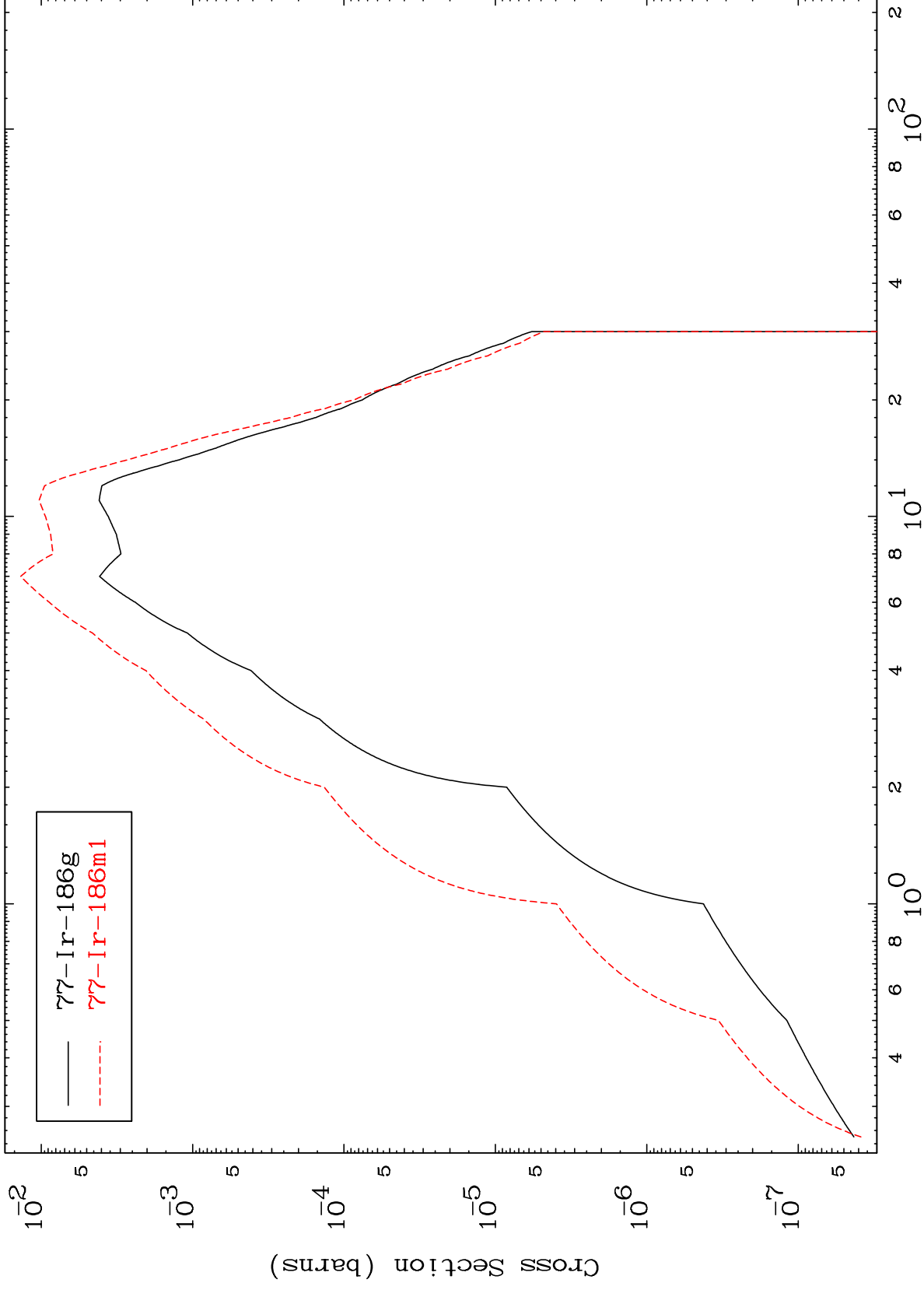
Incident Energy (MeV)

14

MAT 7711

⁷⁷Ir-186m

Radionuclide Production Cross Section



Incident Energy (MeV)

⁷⁷Ir-186m

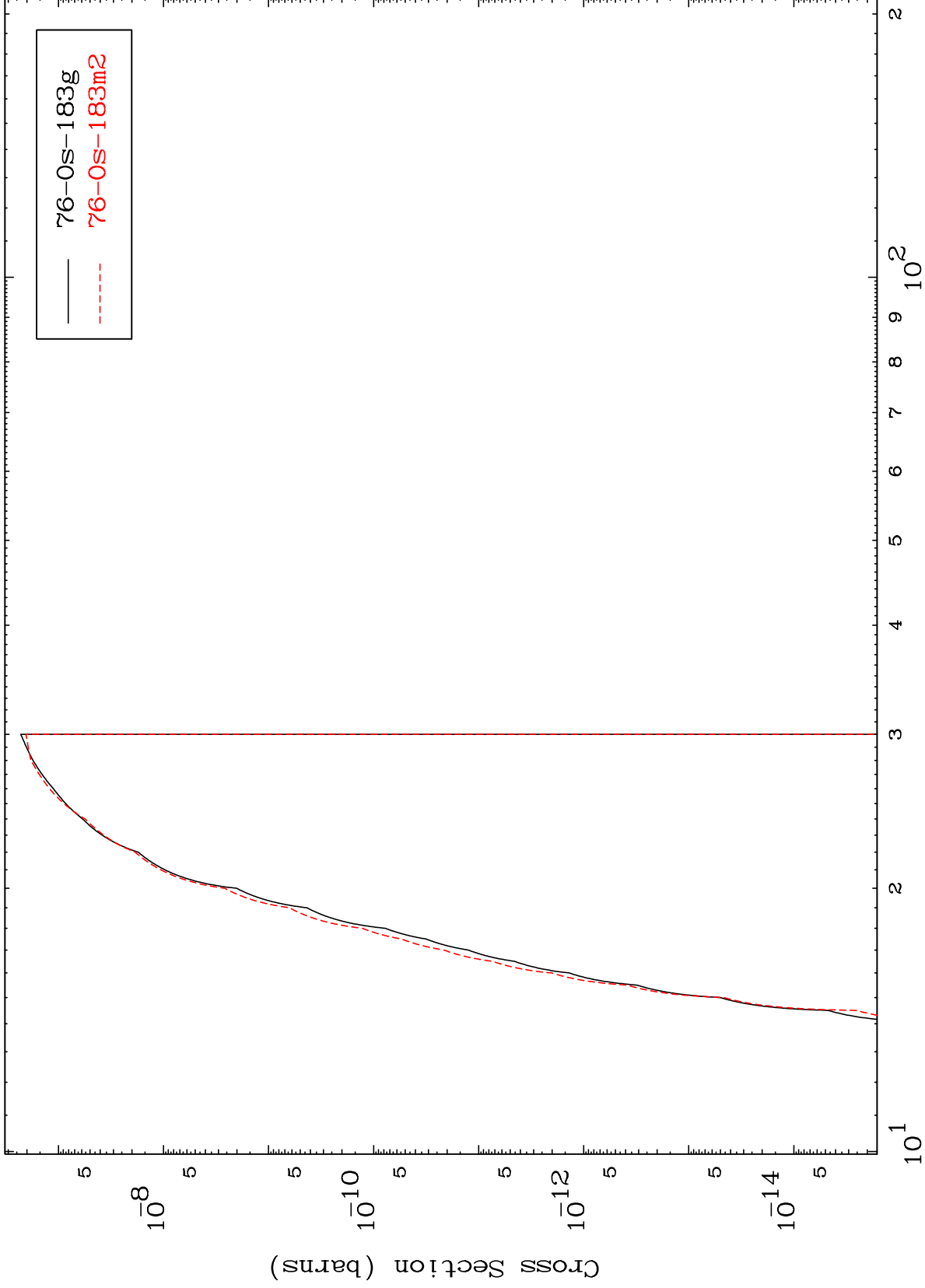
15

MAT 7711

(n, t)

77-Ir-186m

Radionuclide Production Cross Section



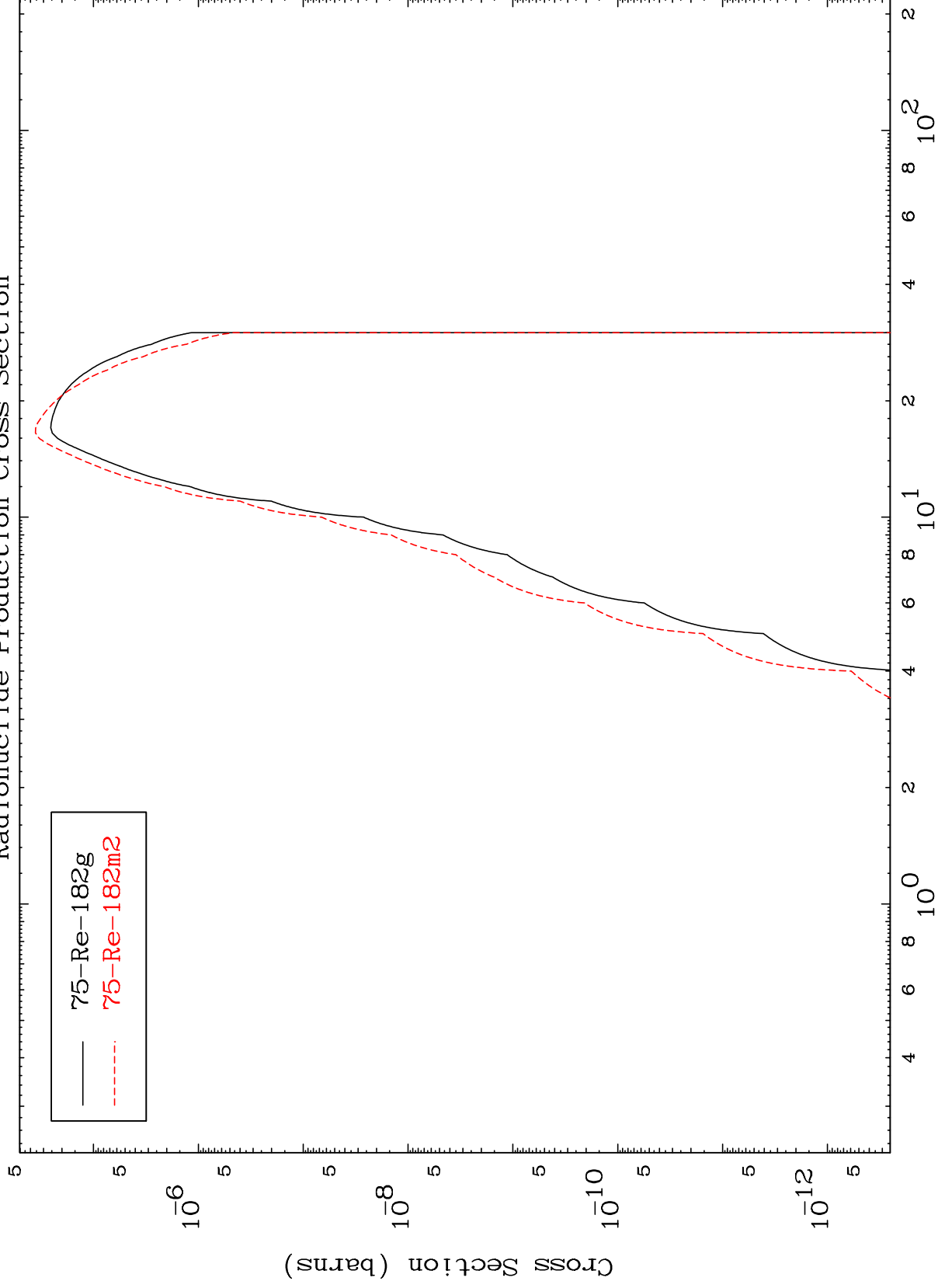
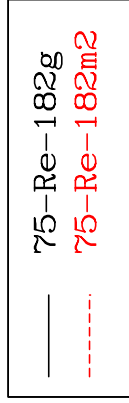
Incident Energy (MeV)

77-Ir-186m

MAT 7711

⁷⁷Ir-186m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

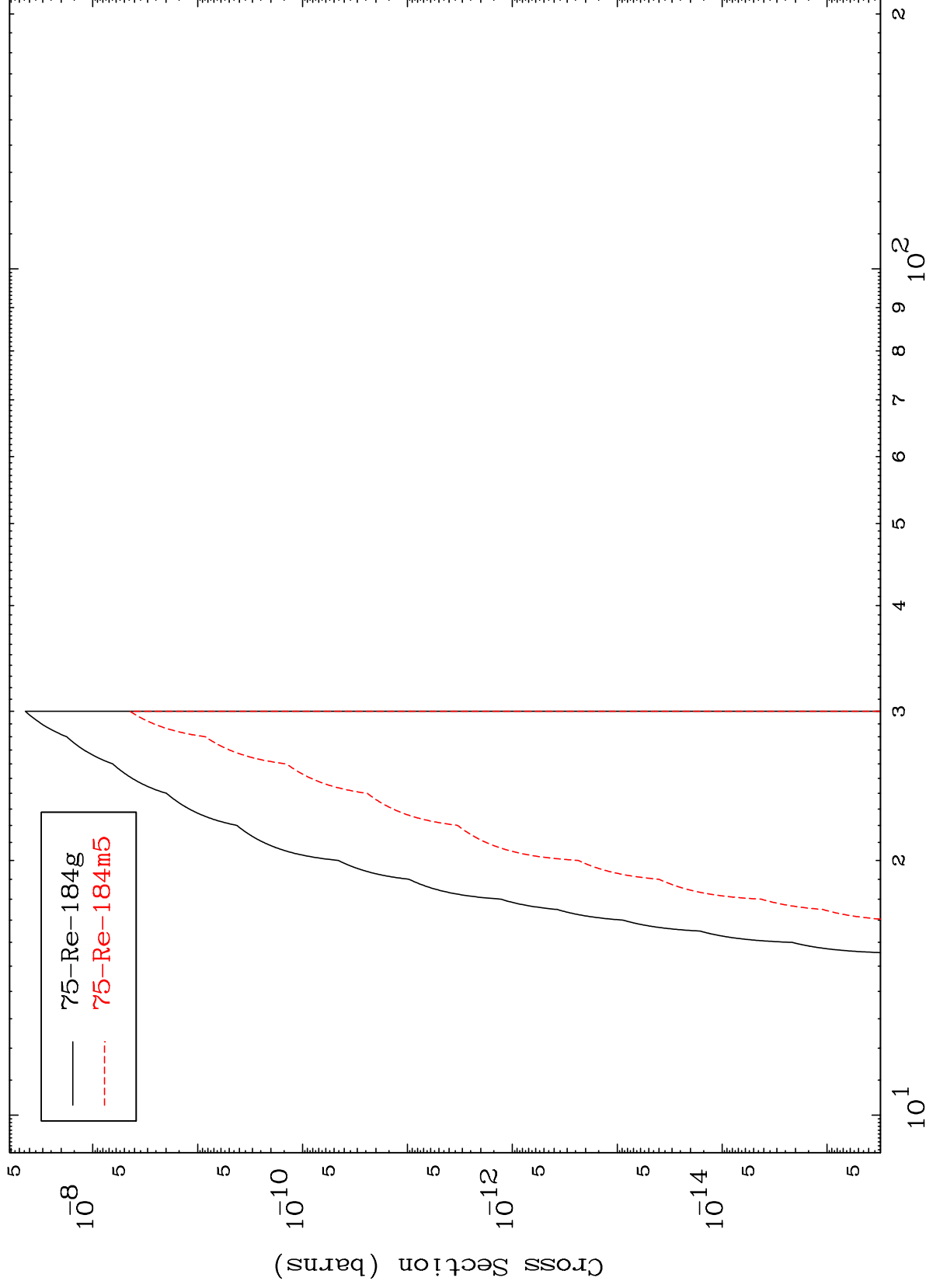
⁷⁷Ir-186m

MAT 7711

(n,2p)

⁷⁷Ir-186m

Radionuclide Production Cross Section



— ⁷⁵Re-184g
- - - ⁷⁵Re-184m5

Incident Energy (MeV)

⁷⁷Ir-186m