

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

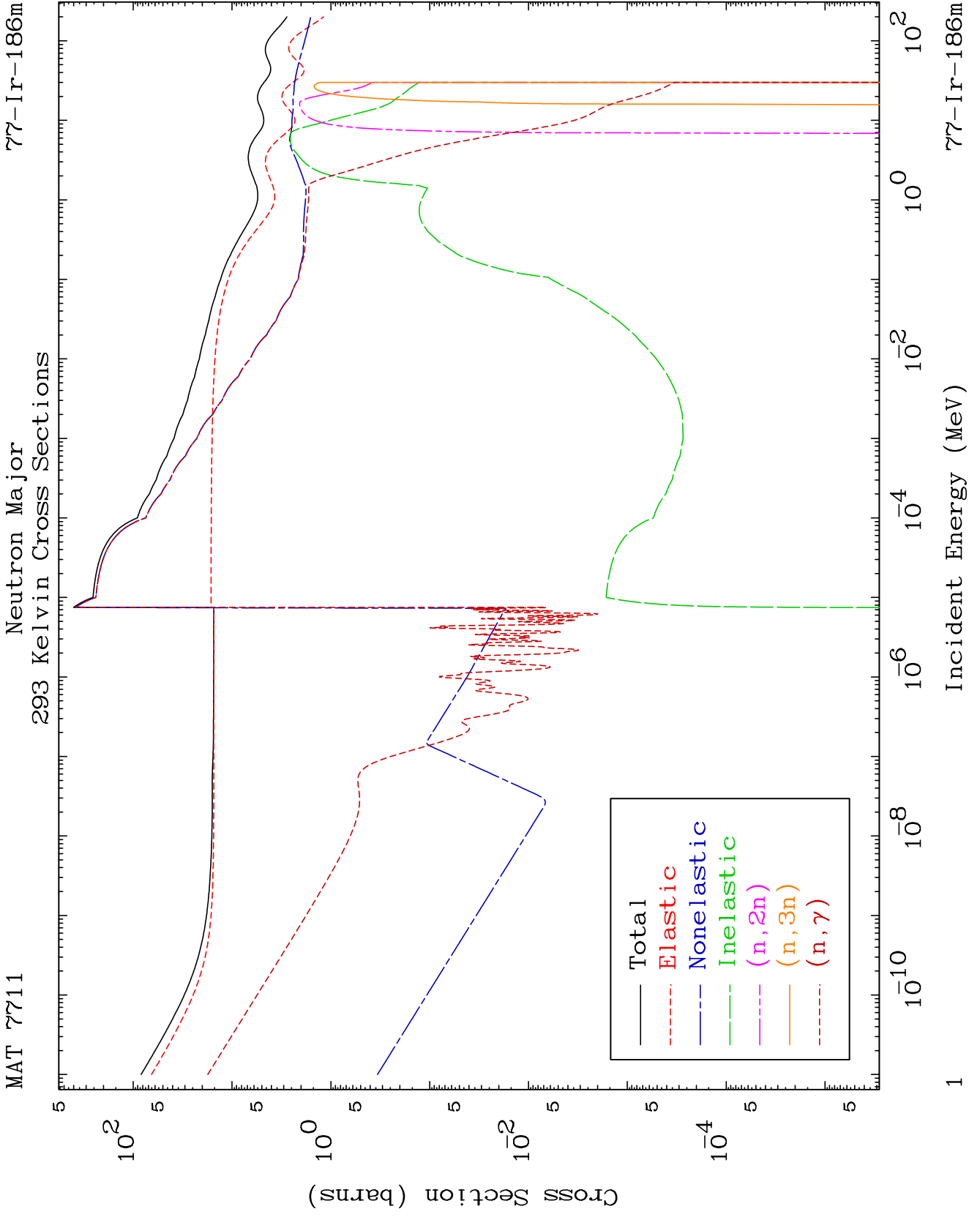
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Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

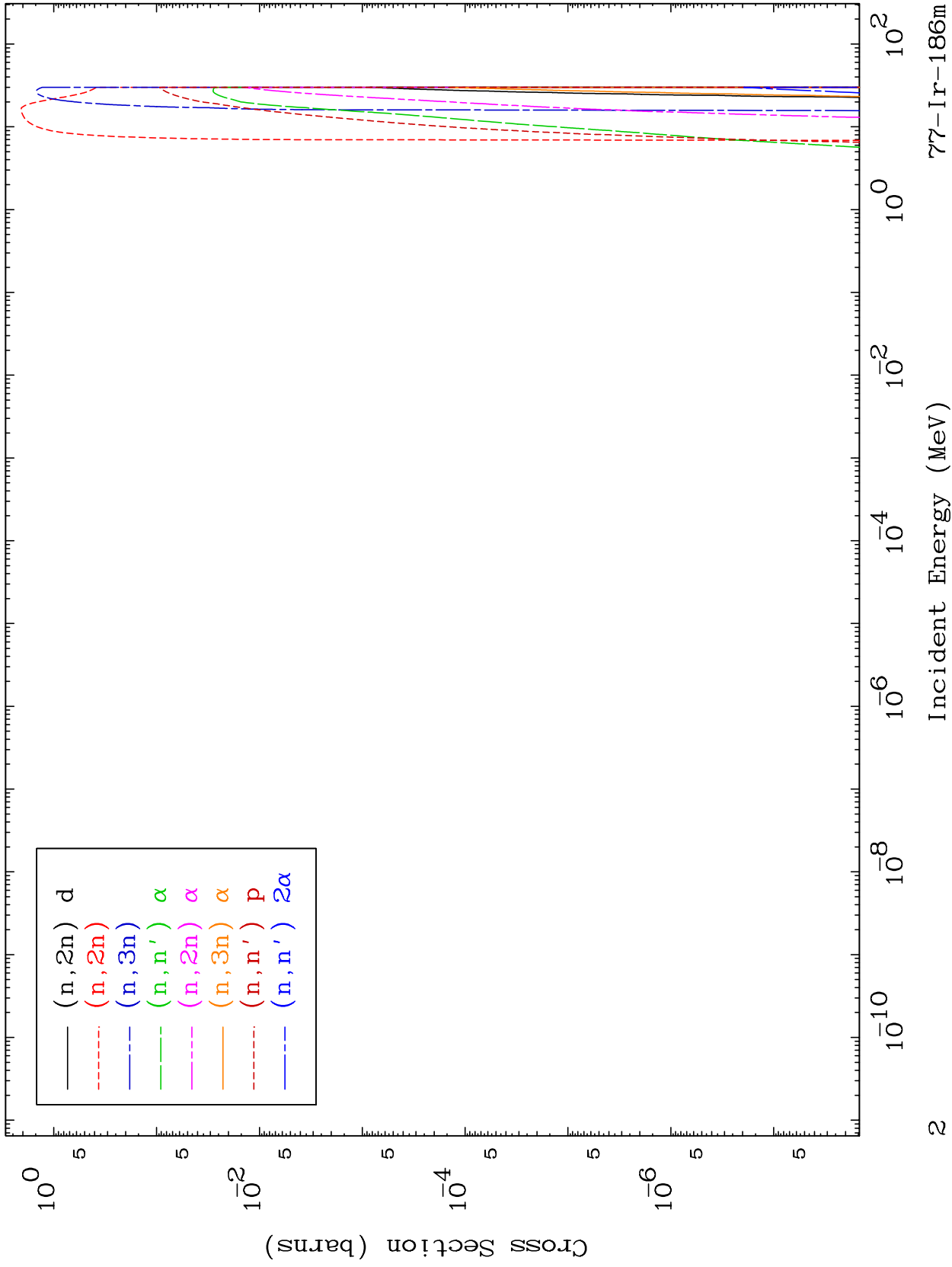
Press Mouse Button to Start



MAT 7711

Neutron Absorption
293 Kelvin Cross Sections

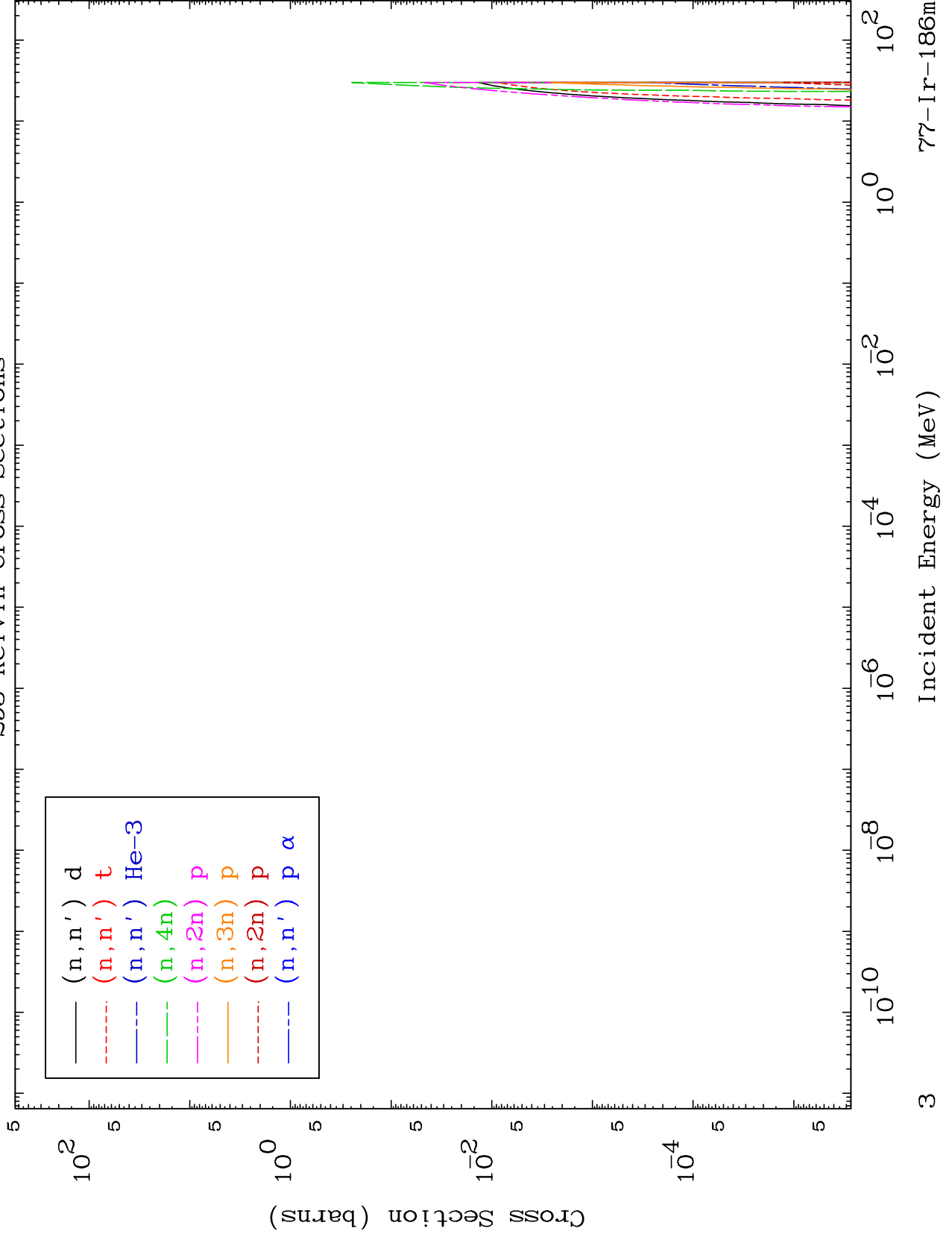
77-Ir-186m



MAT 7711

Neutron Absorption
293 Kelvin Cross Sections

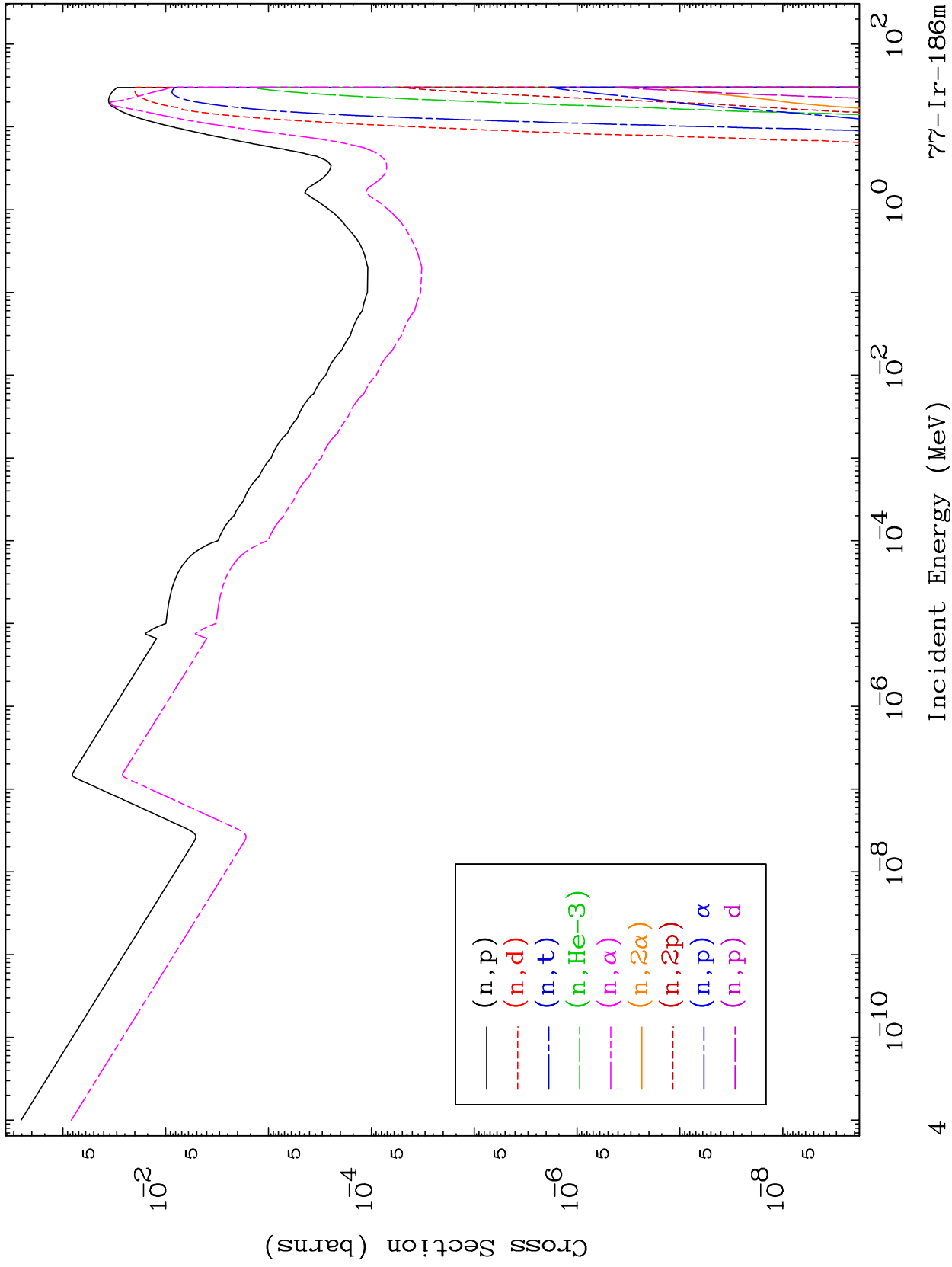
77-Ir-186m



MAT 7711

Neutron Absorption
293 Kelvin Cross Sections

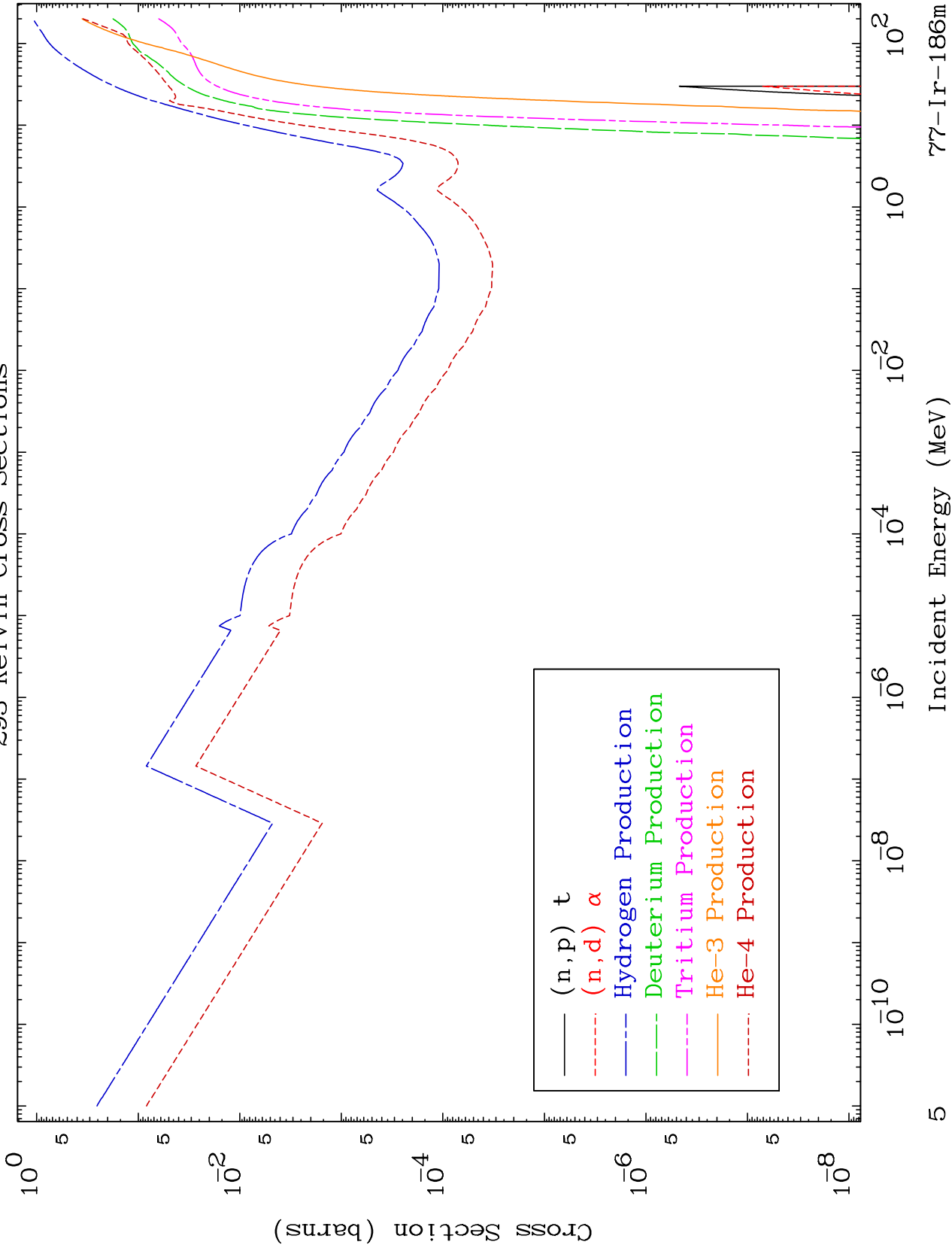
77-Ir-186m



MAT 7711

Neutron Absorption
293 Kelvin Cross Sections

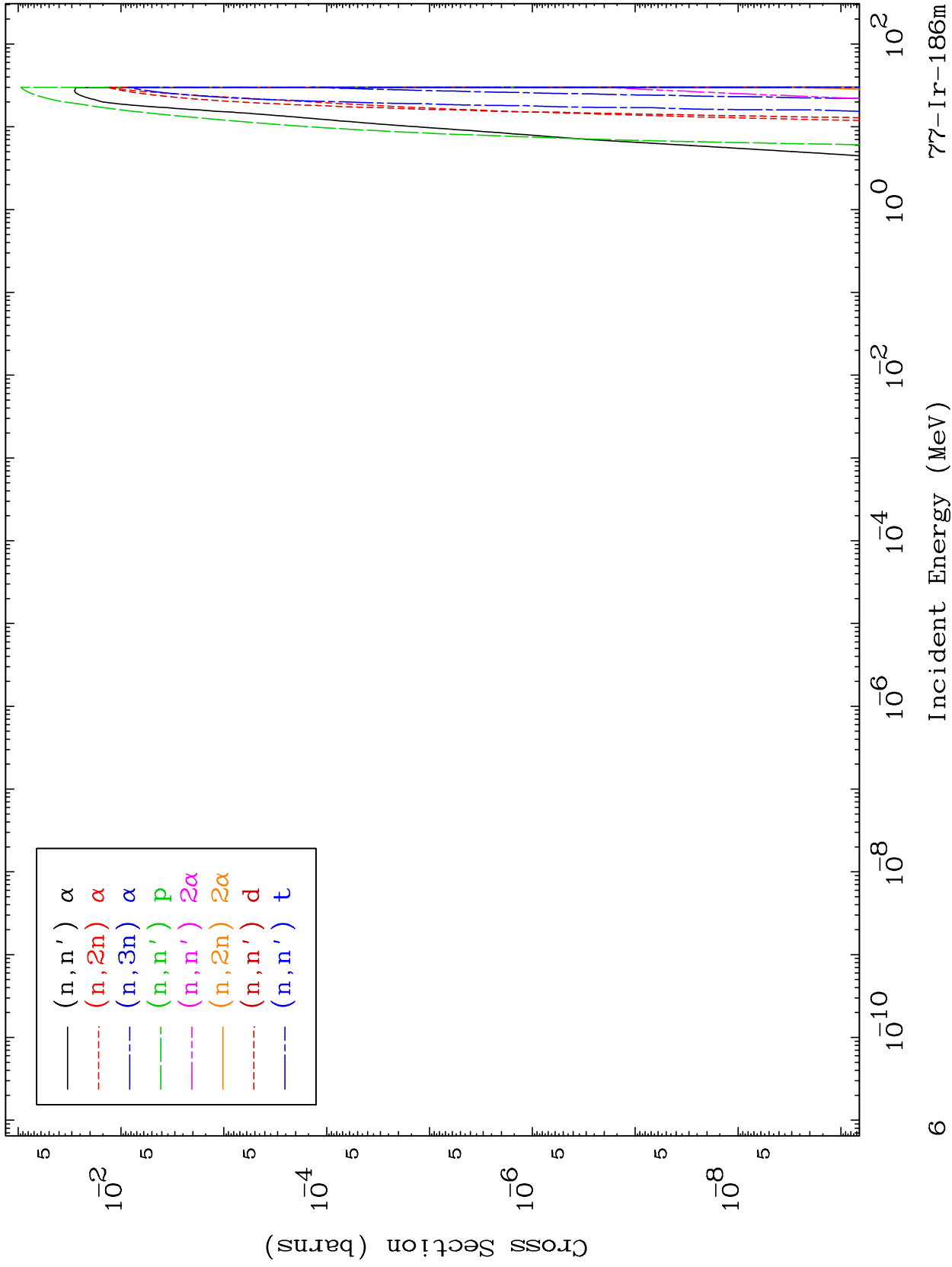
77-Ir-186m



MAT 7711

Charged Particle
293 Kelvin Cross Sections

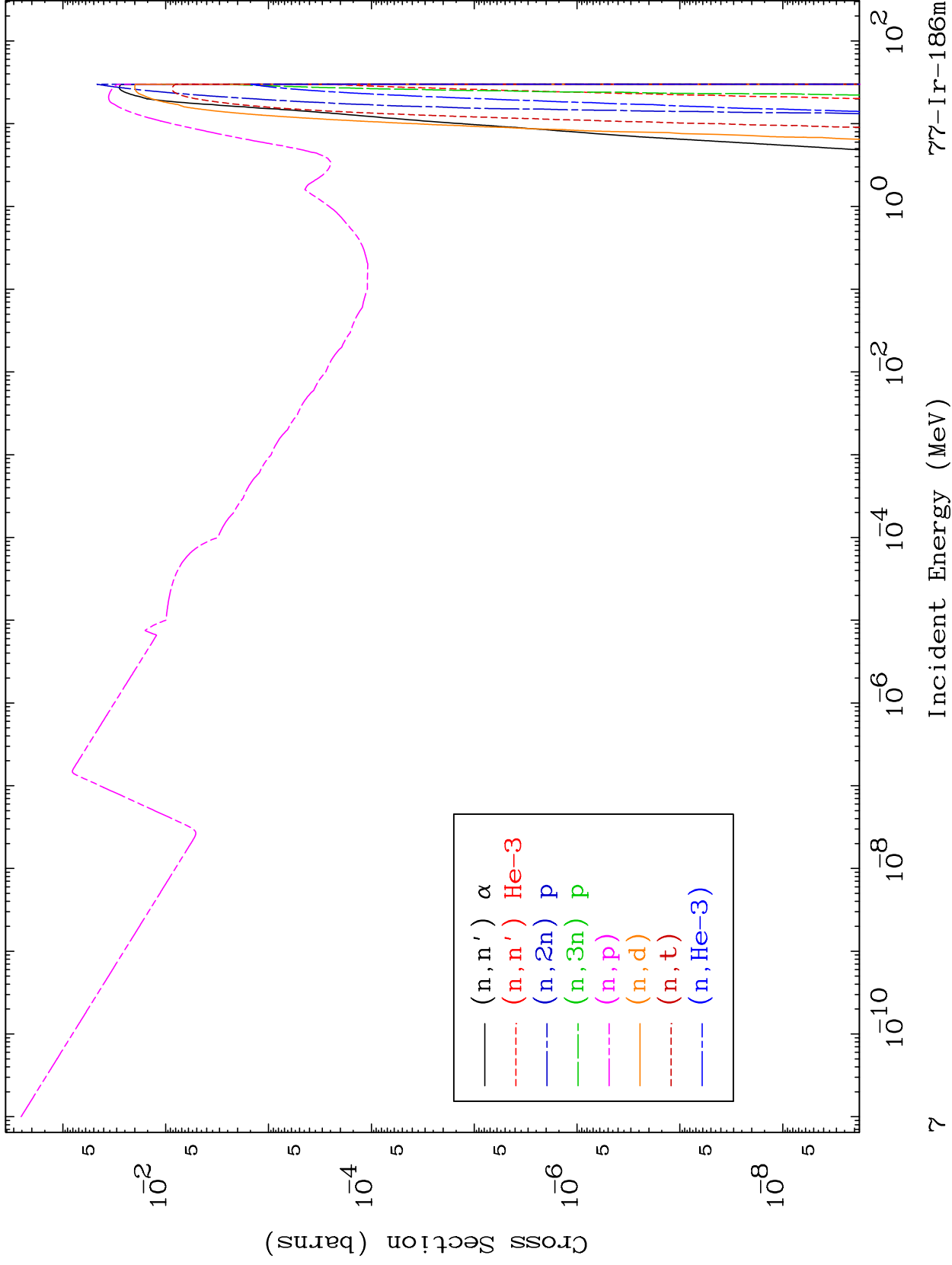
77-Ir-186m



MAT 7711

Charged Particle
293 Kelvin Cross Sections

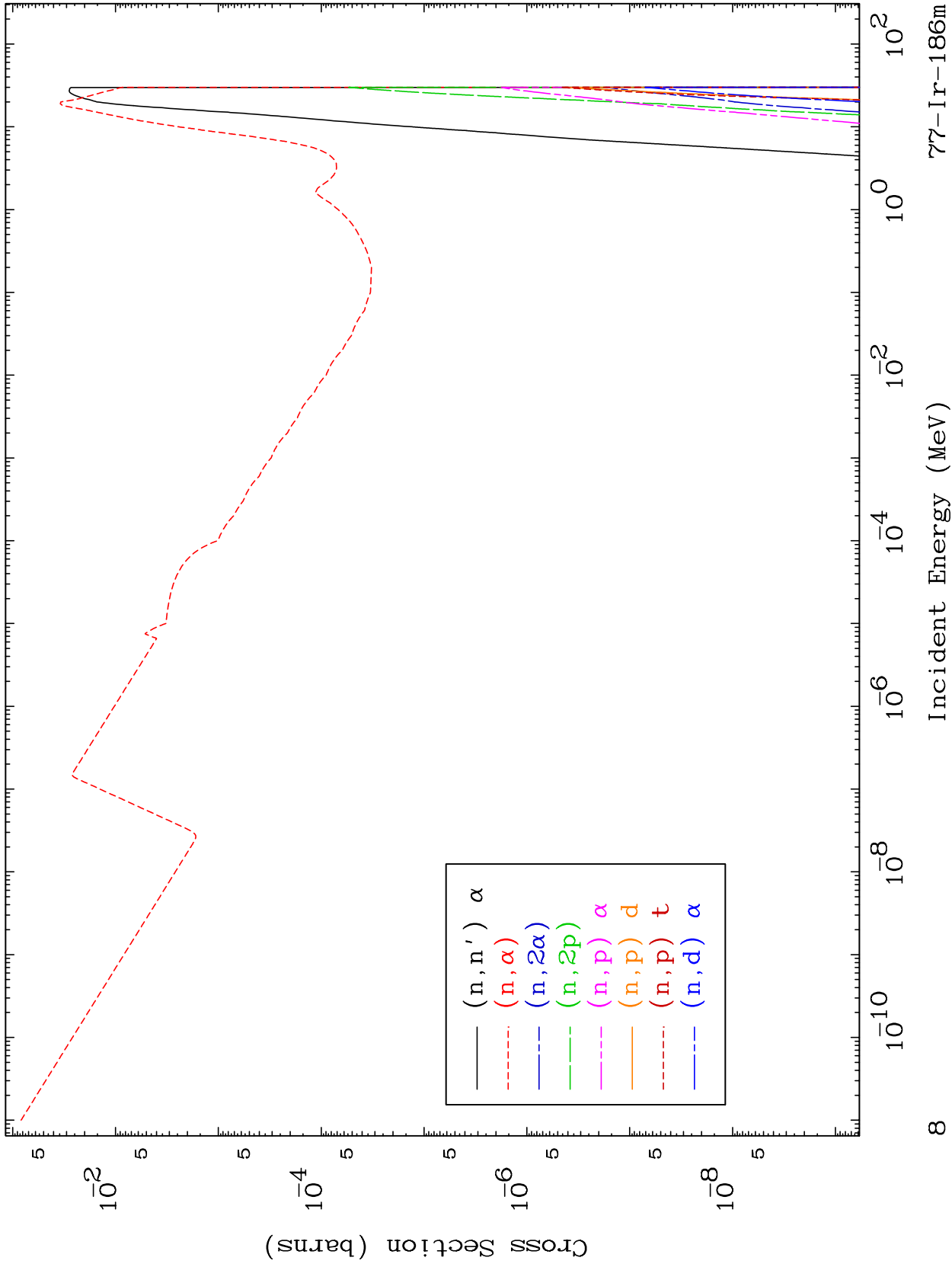
77-Ir-186m



MAT 7711

Charged Particle
293 Kelvin Cross Sections

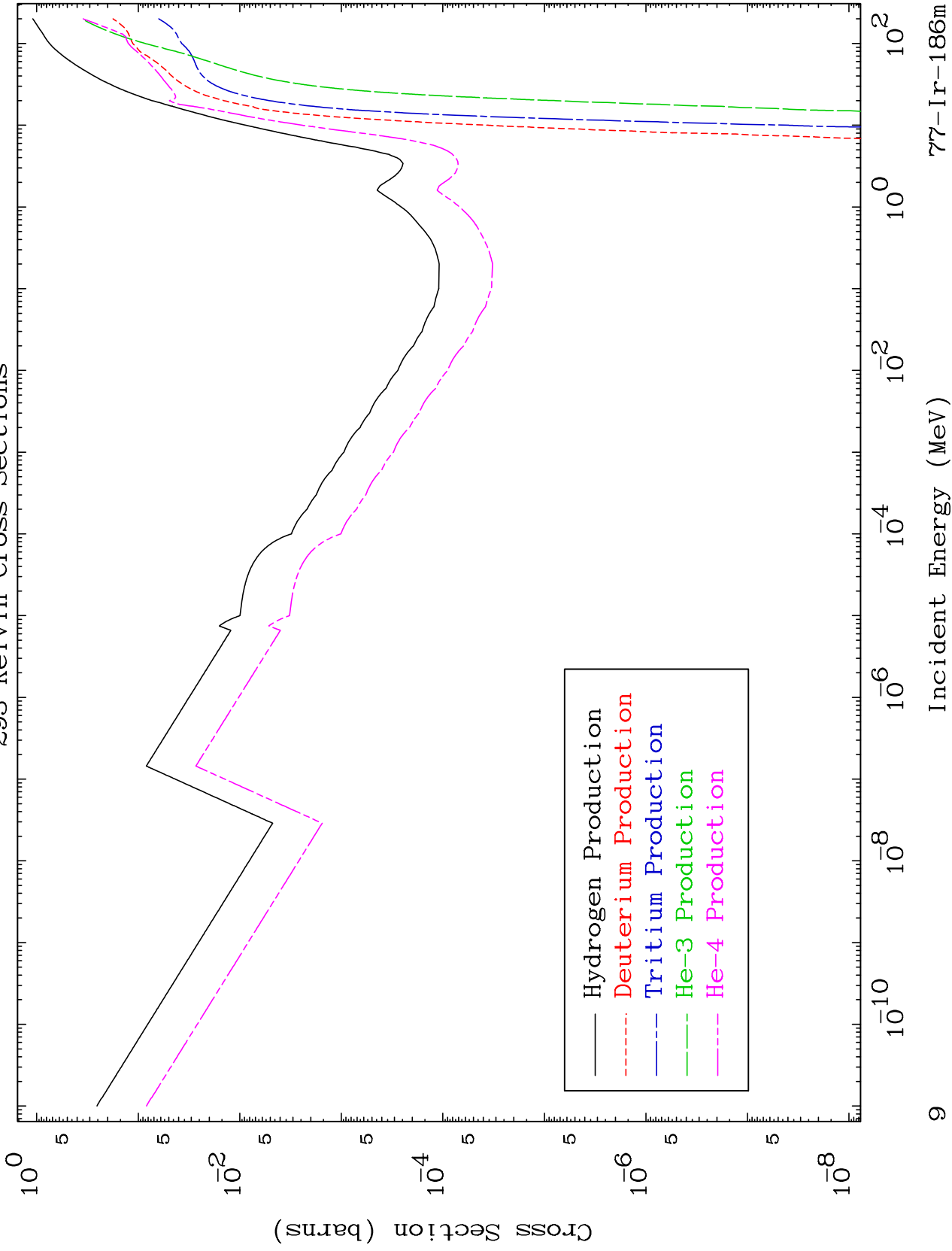
77-Ir-186m



MAT 7711

Particle Production
293 Kelvin Cross Sections

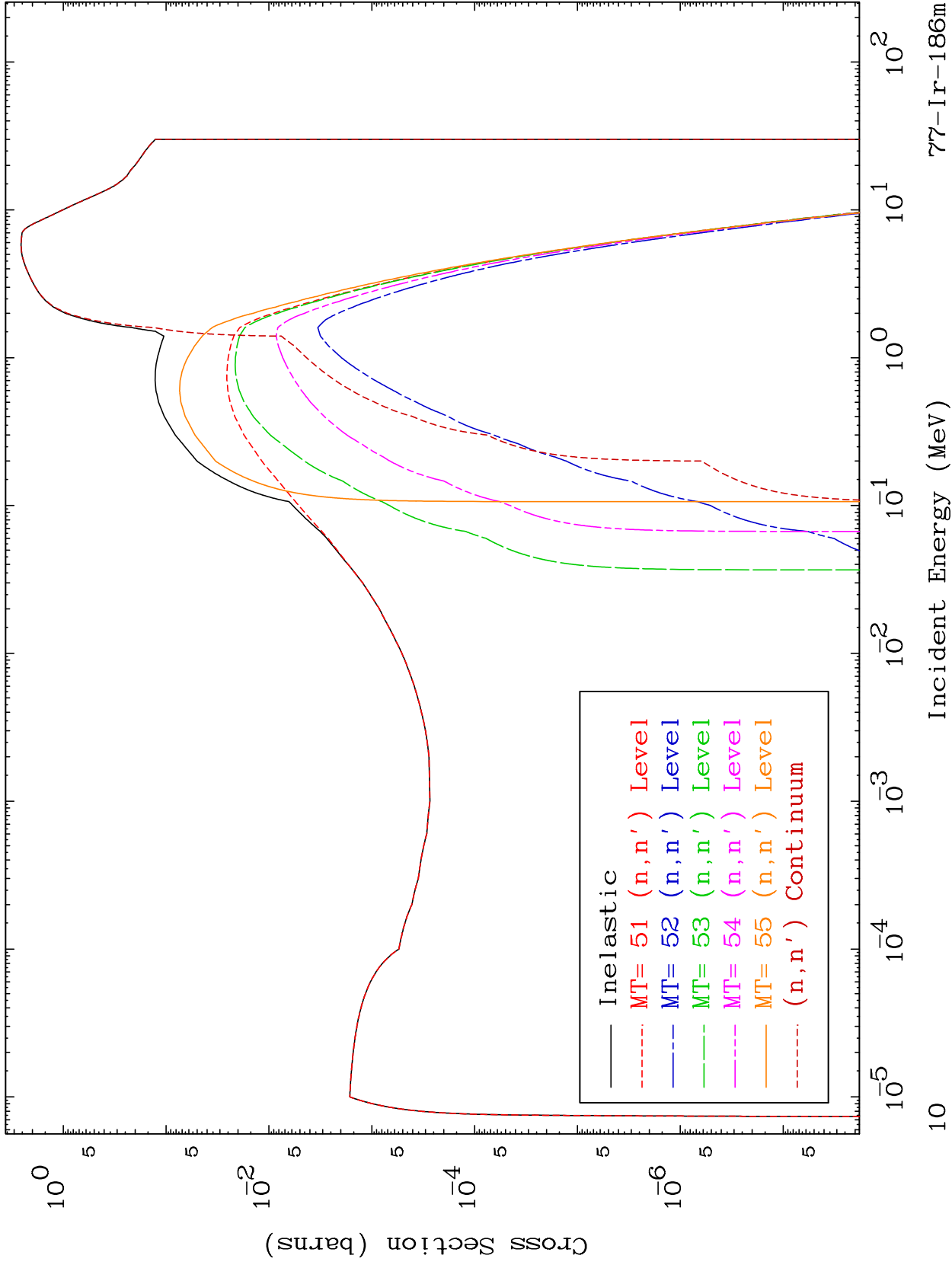
77-Ir-186m



MAT 7711

(n,n') Levels
293 Kelvin Cross Sections

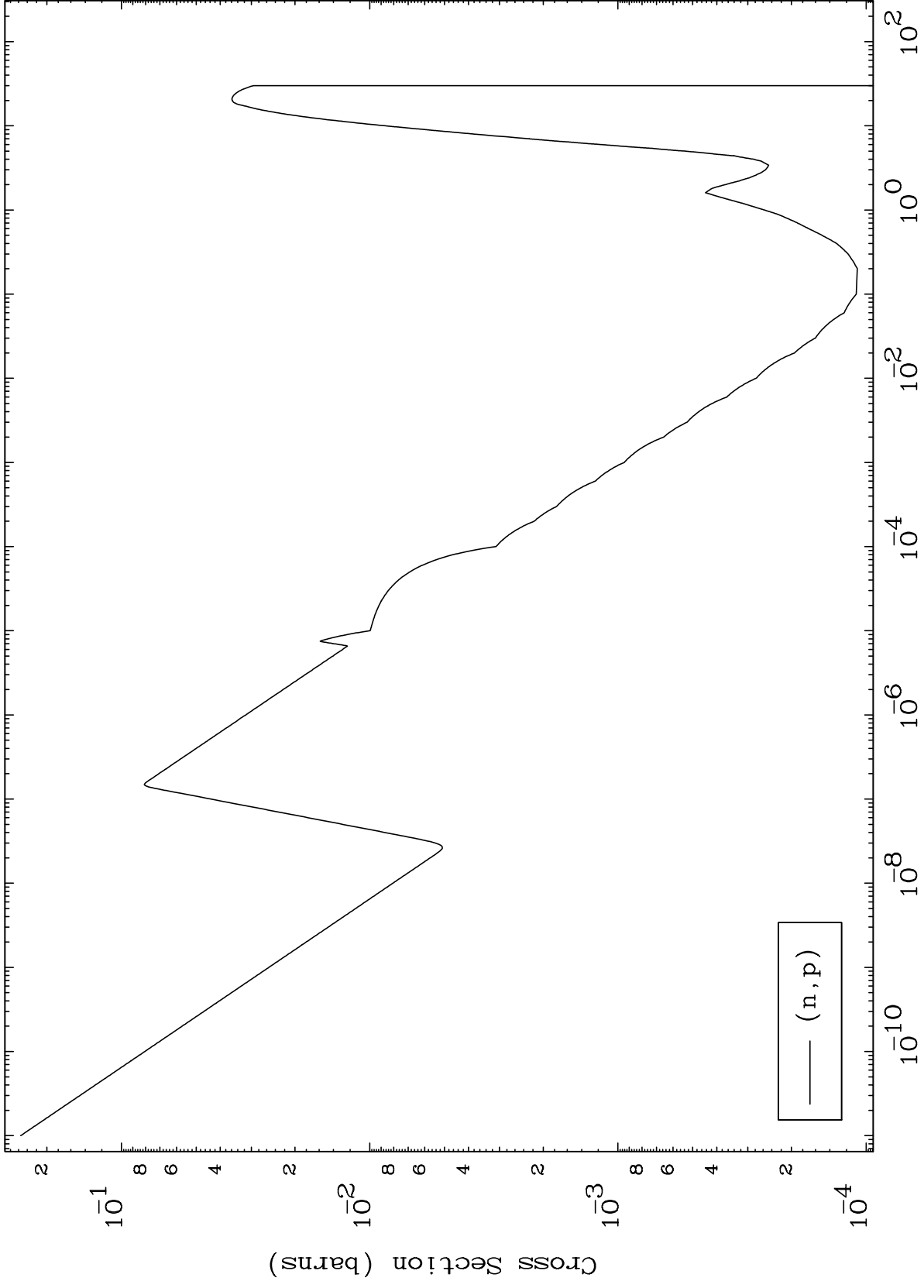
77-Ir-186m



MAT 7711

(n,p) Levels
293 Kelvin Cross Sections

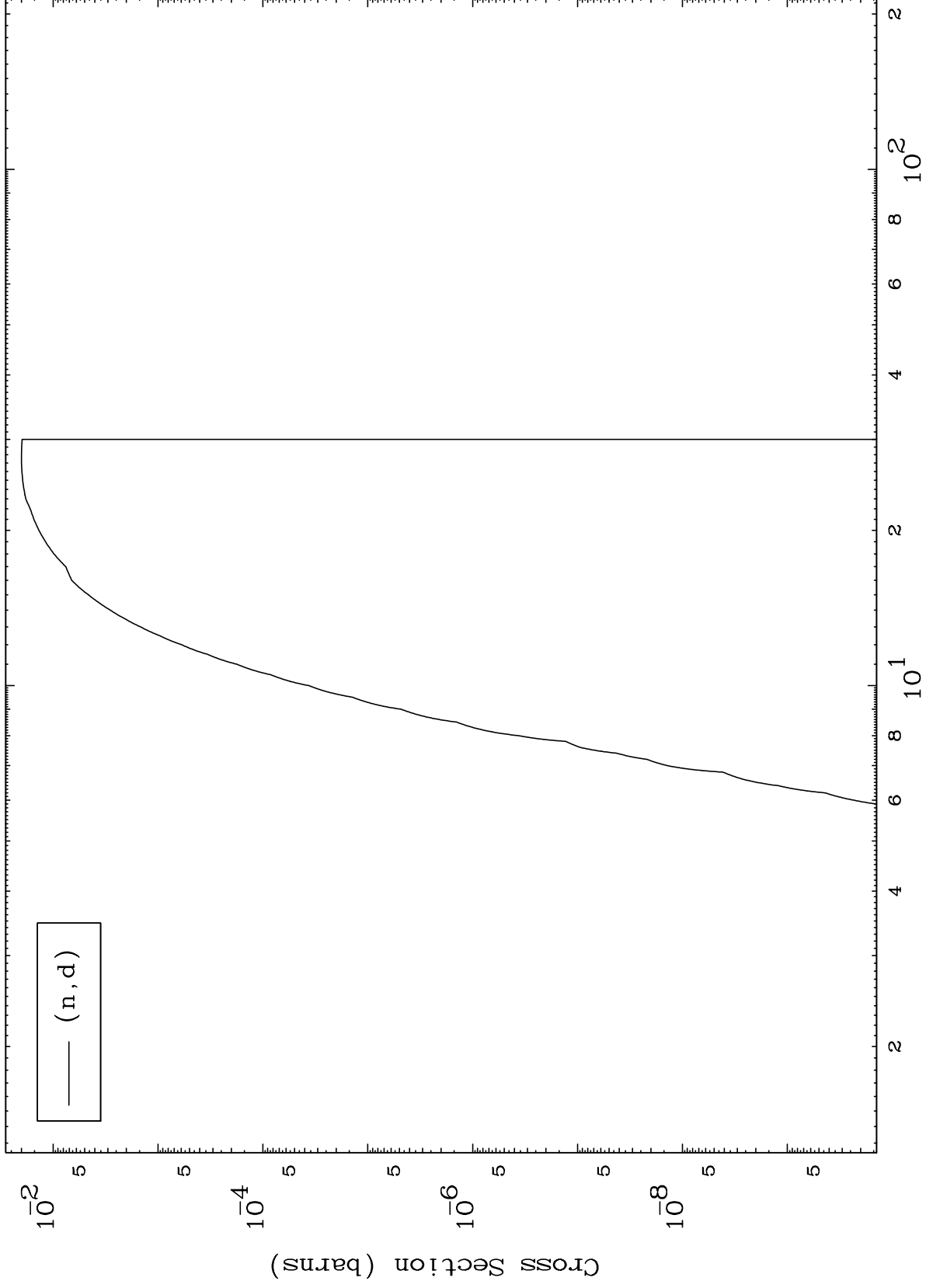
77-Ir-186m



MAT 7711

(n,d) Levels
293 Kelvin Cross Sections

77-Ir-186m



12

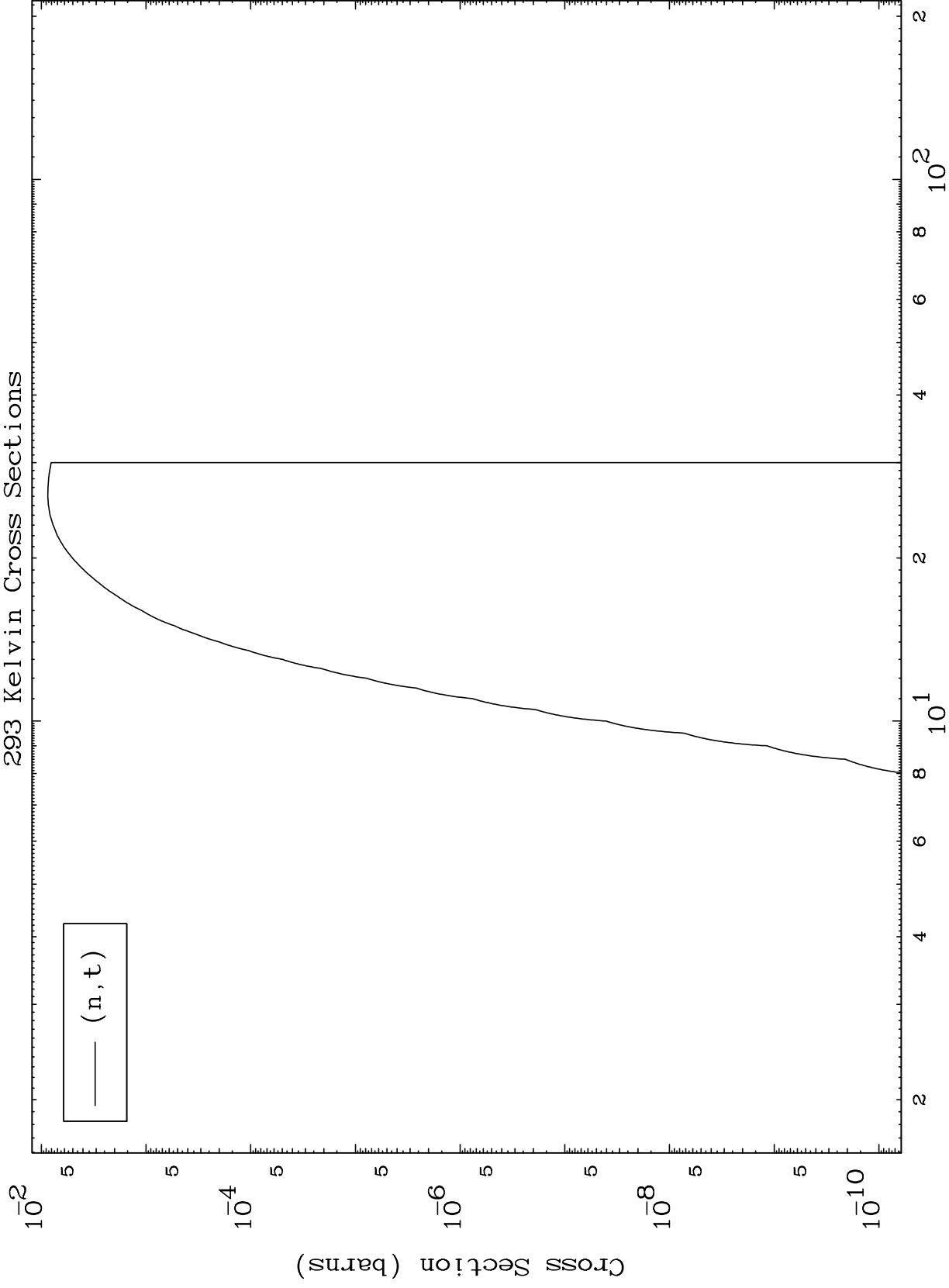
Incident Energy (MeV)

77-Ir-186m

MAT 7711

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-186m



13

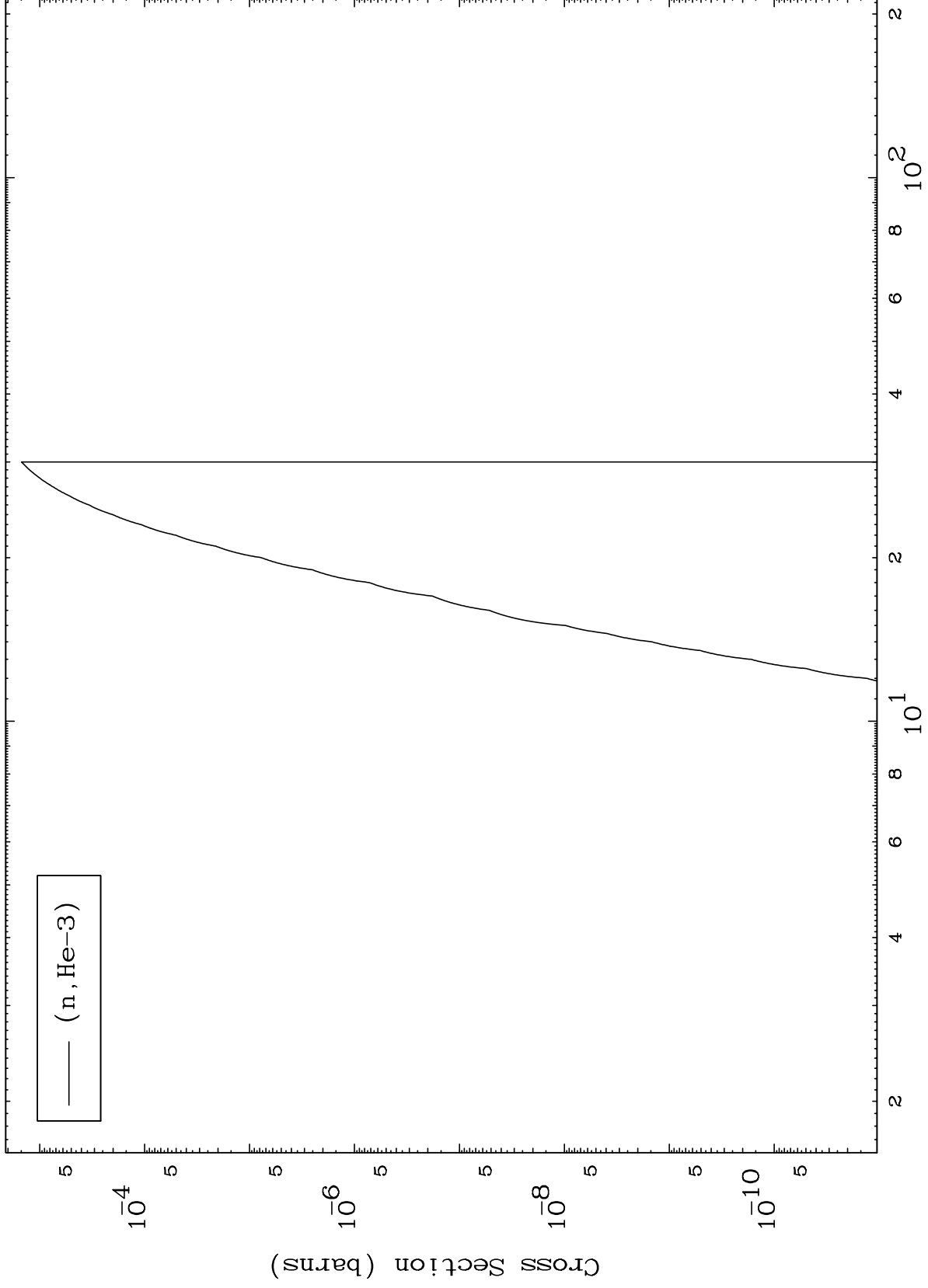
Incident Energy (MeV)

77-Ir-186m

MAT 7711

(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-186m



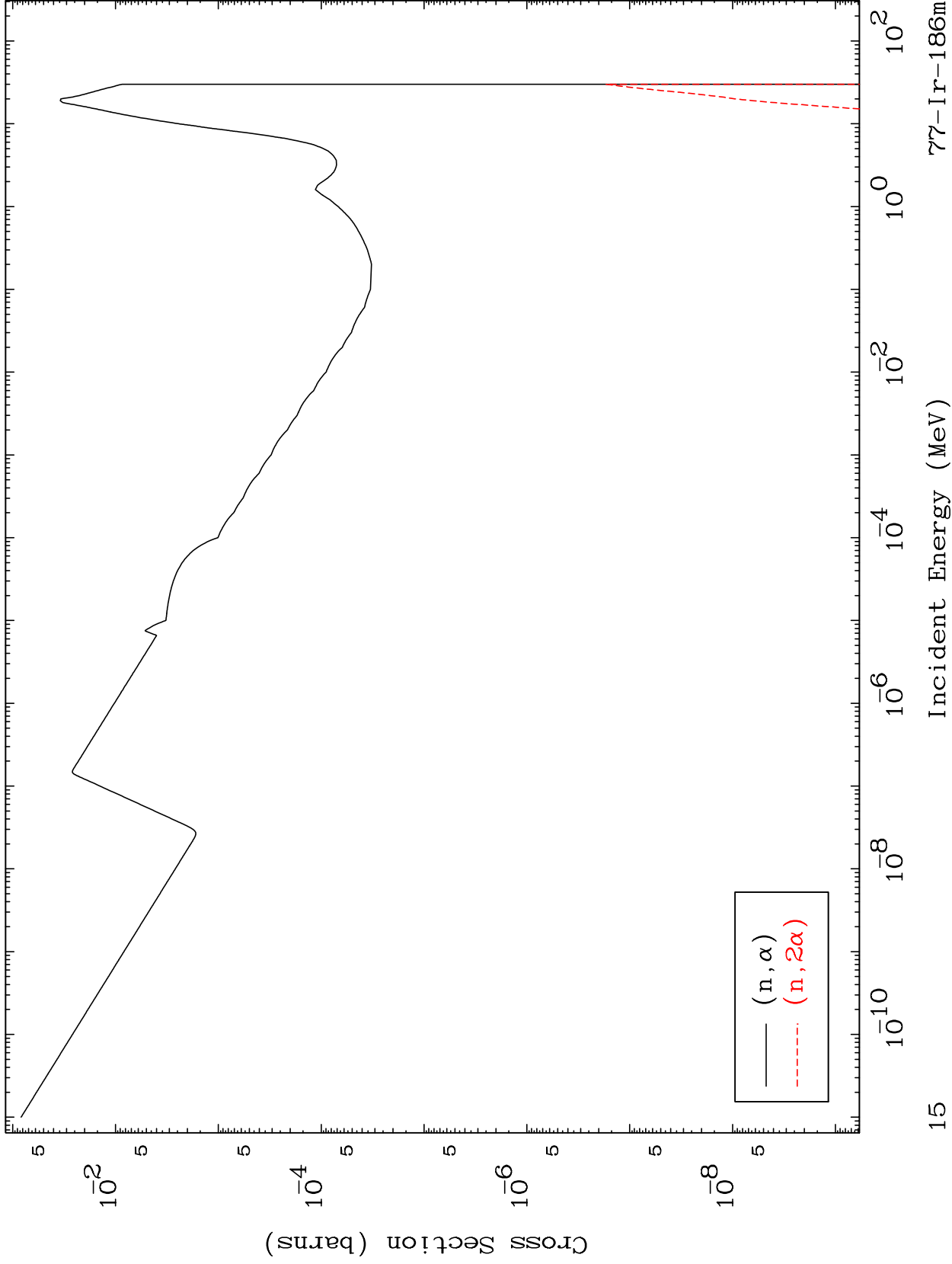
14

77-Ir-186m

MAT 7711

(n,α) Levels
293 Kelvin Cross Sections

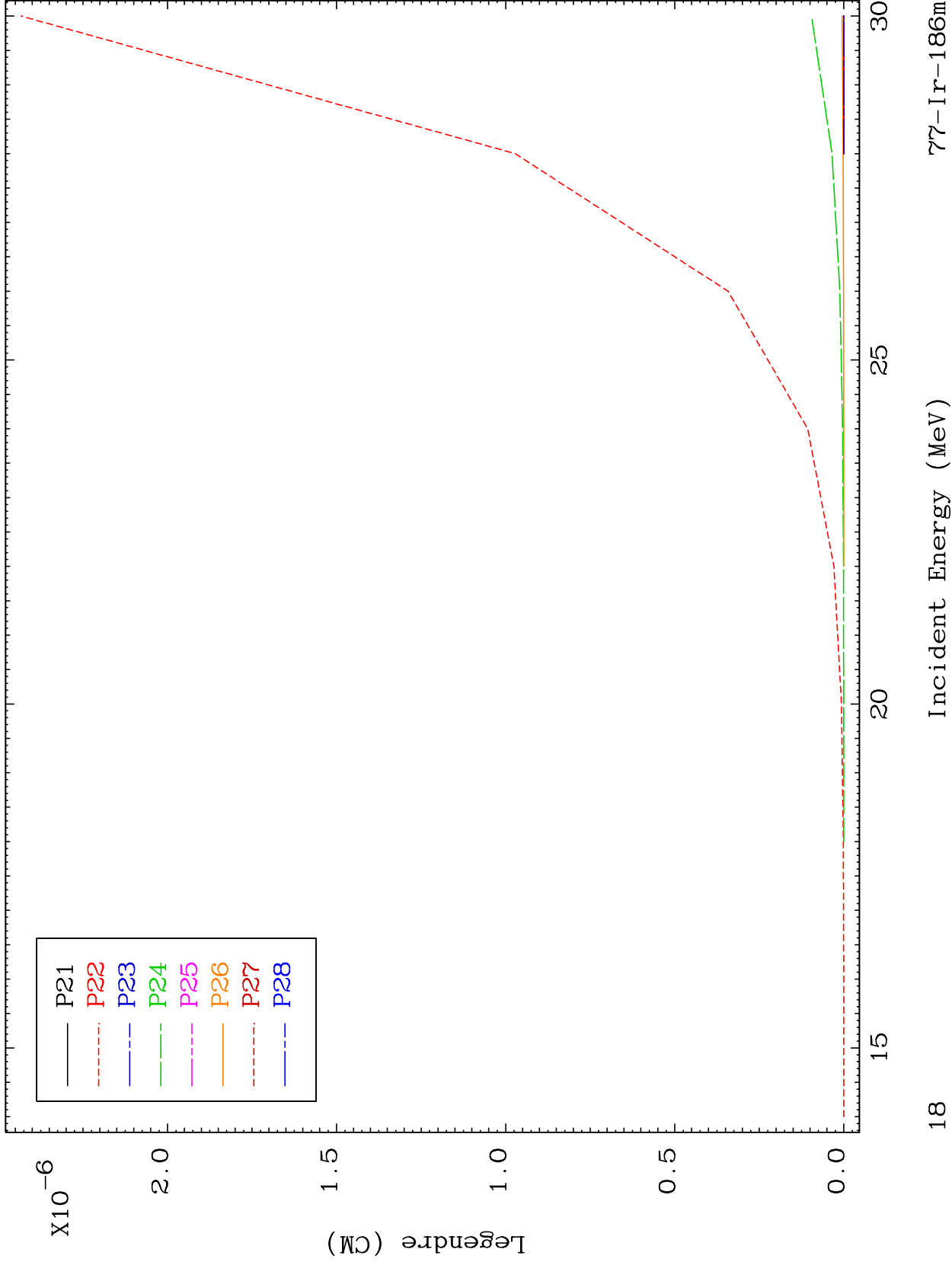
77-Ir-186m



MAT 7711

Elastic
Legendre Coefficients

⁷⁷Ir-186m



18

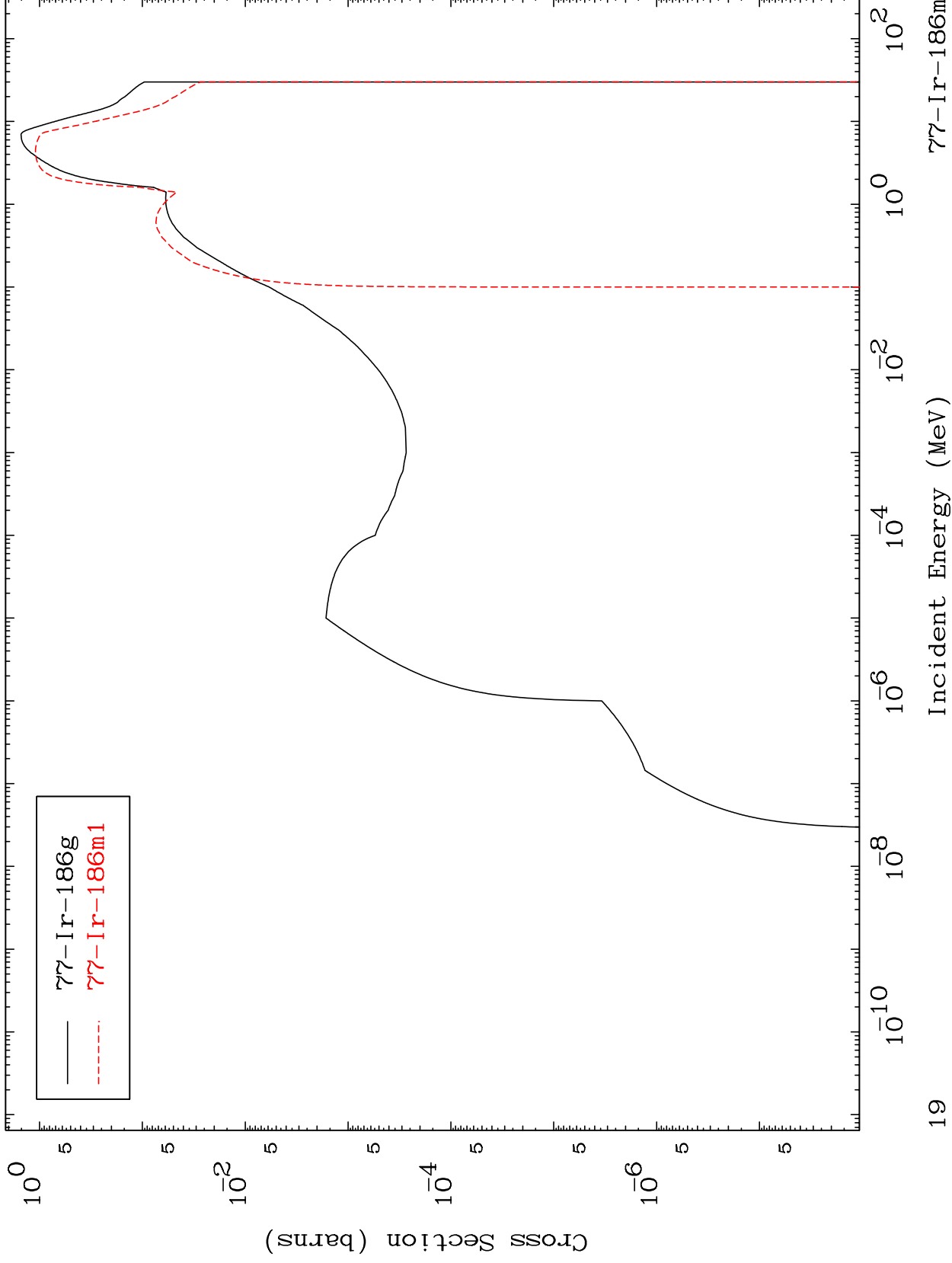
Incident Energy (MeV)

⁷⁷Ir-186m

MAT 7711

Inelastic
Radionuclide Production Cross Section

⁷⁷Ir-186m

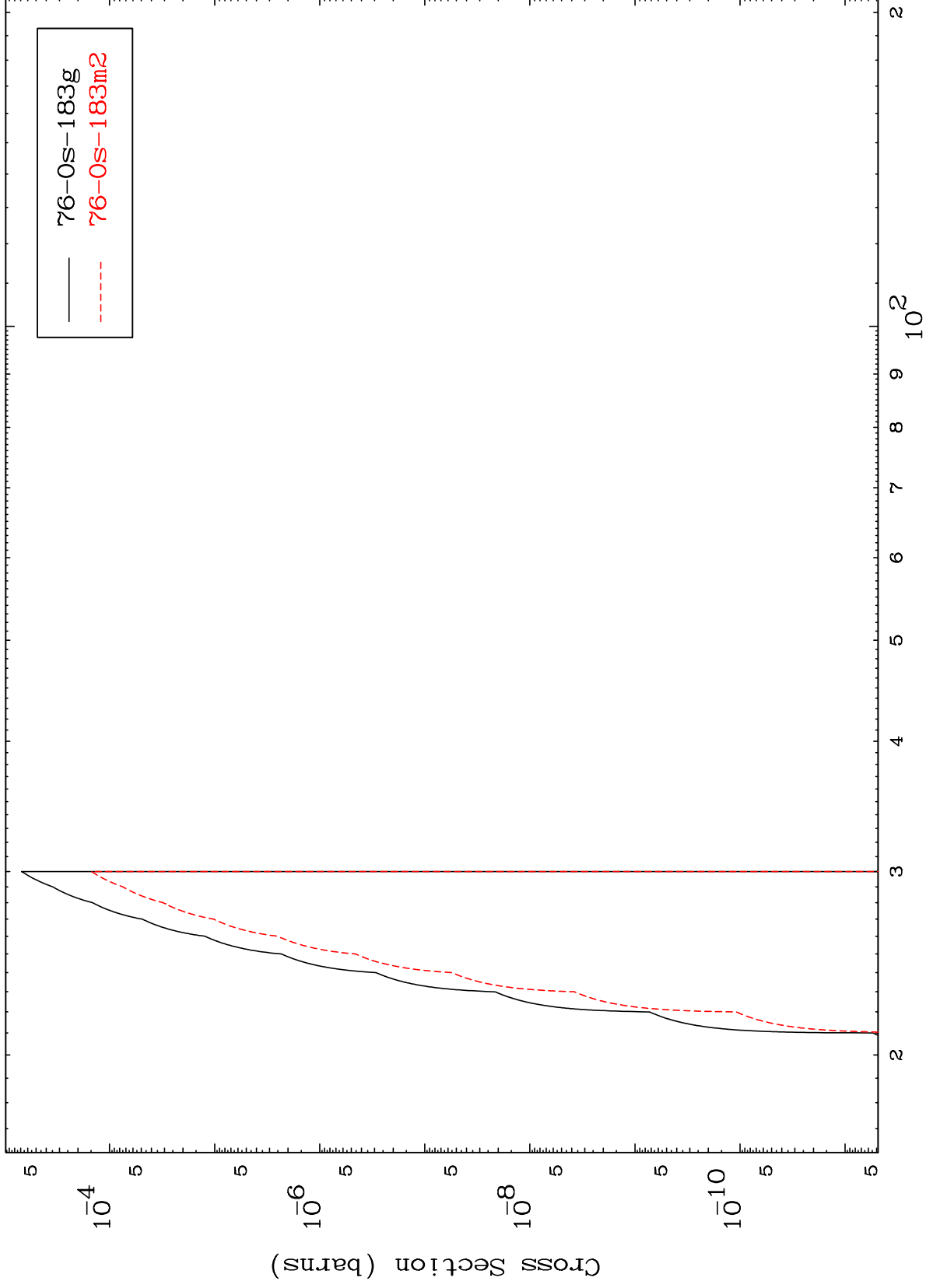


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(n,2n) d

77-Ir-186m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

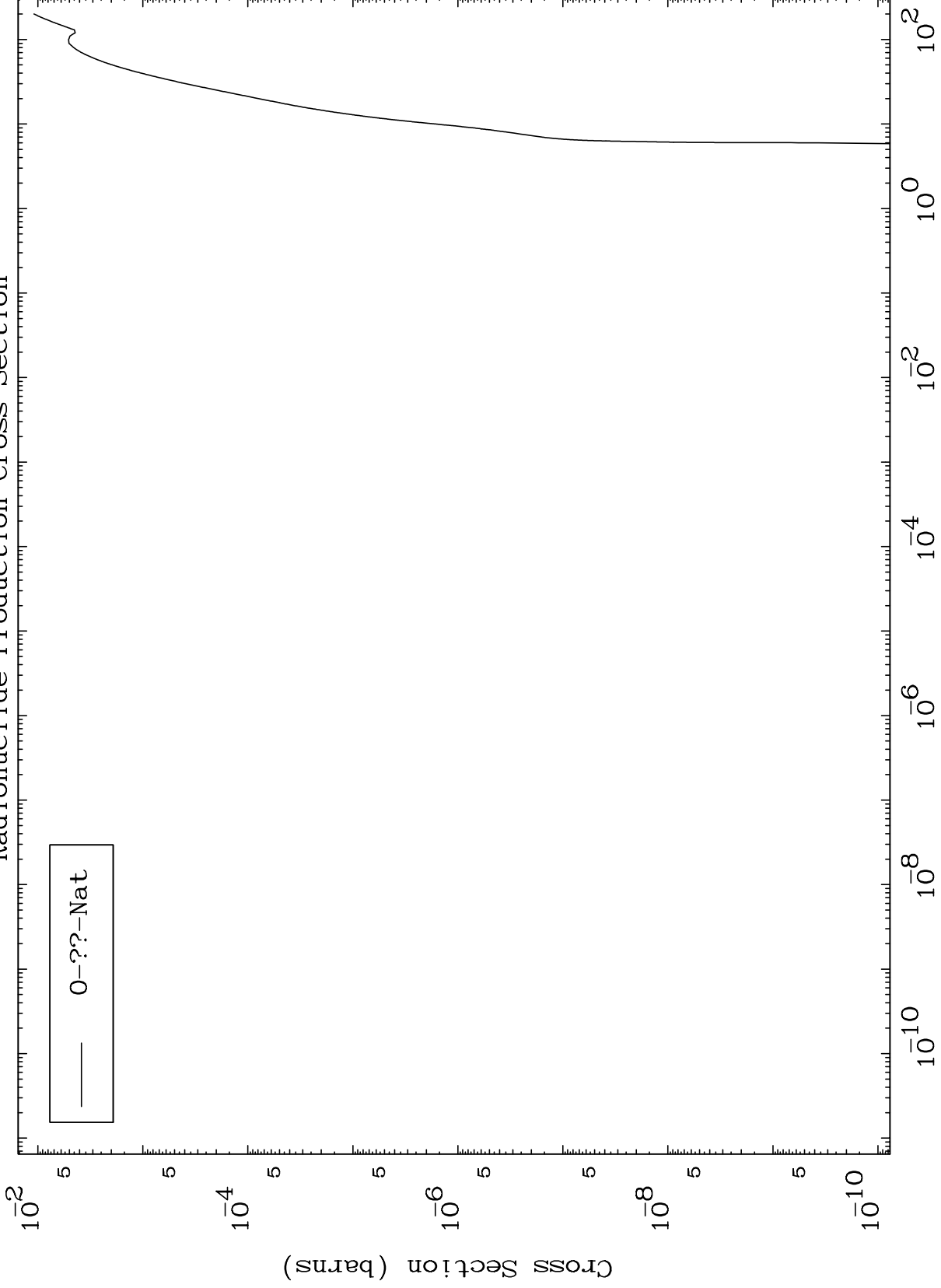
77-Ir-186m

MAT 7711

Fission

⁷⁷Ir-186m

Radionuclide Production Cross Section

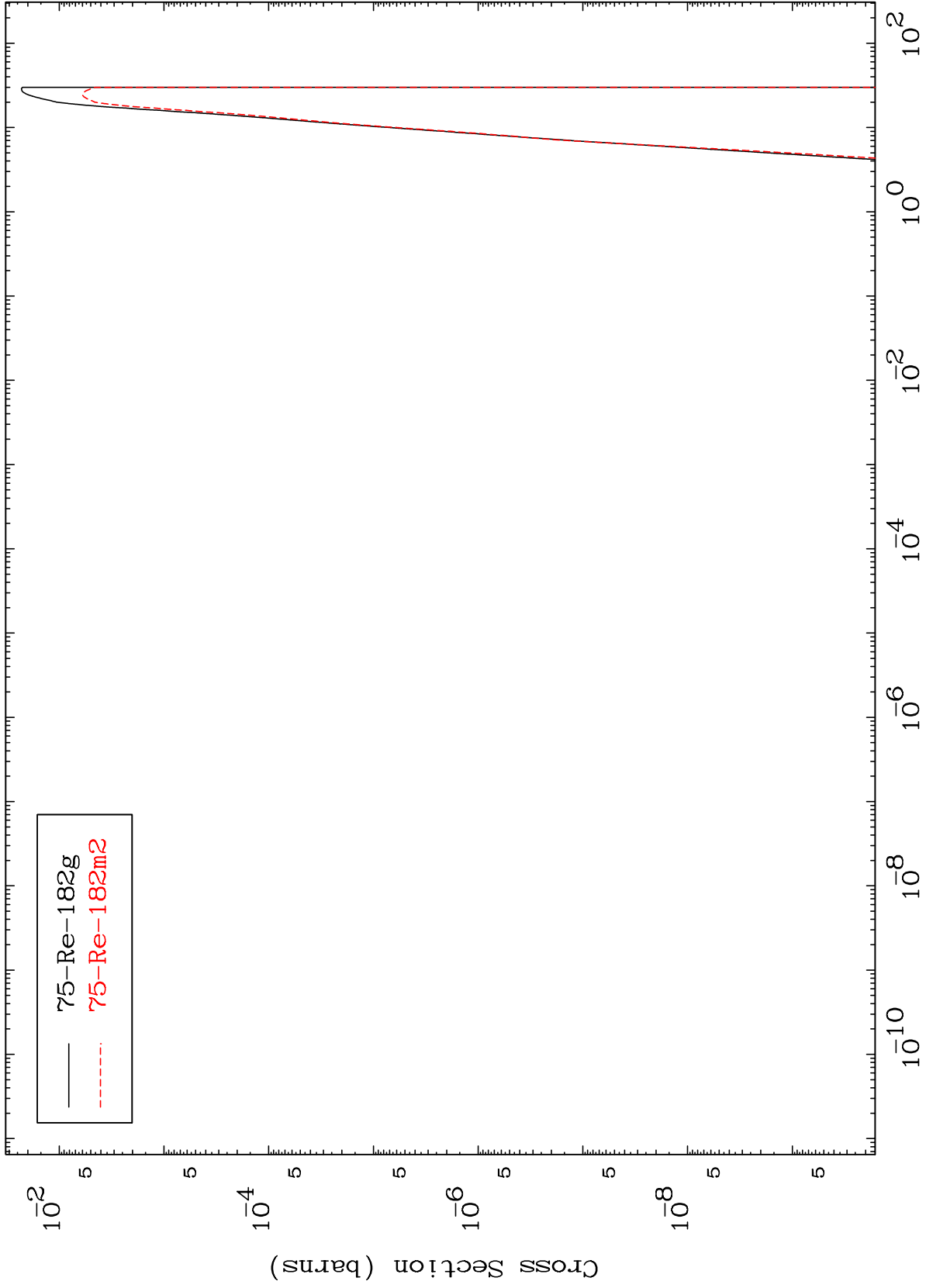


MAT 7711

$(n, n') \alpha$

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

Radionuclide Production Cross Section

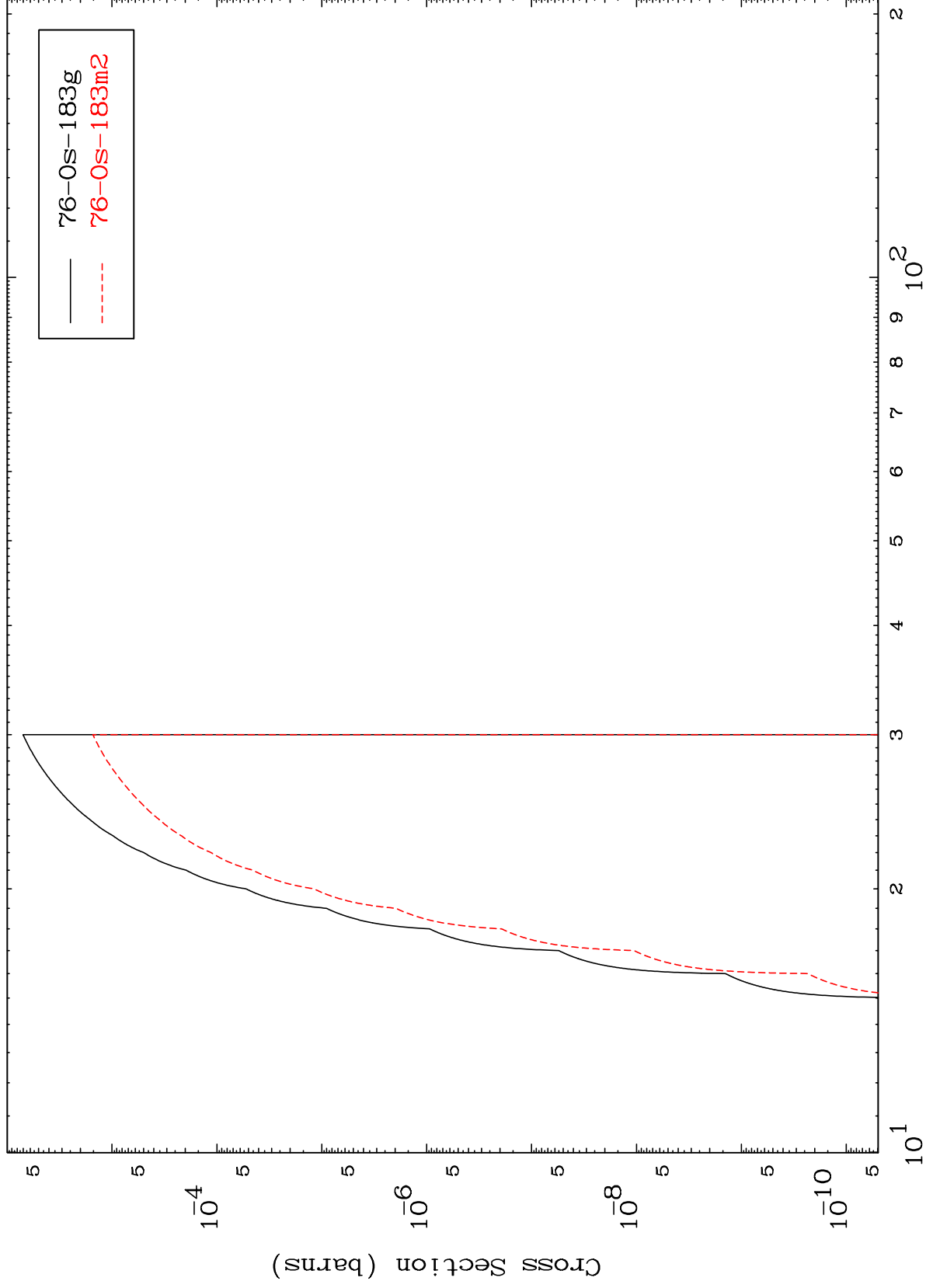


MAT 7711

(n,n') t

77-Ir-186m

Radionuclide Production Cross Section



Incident Energy (MeV)

77-Ir-186m

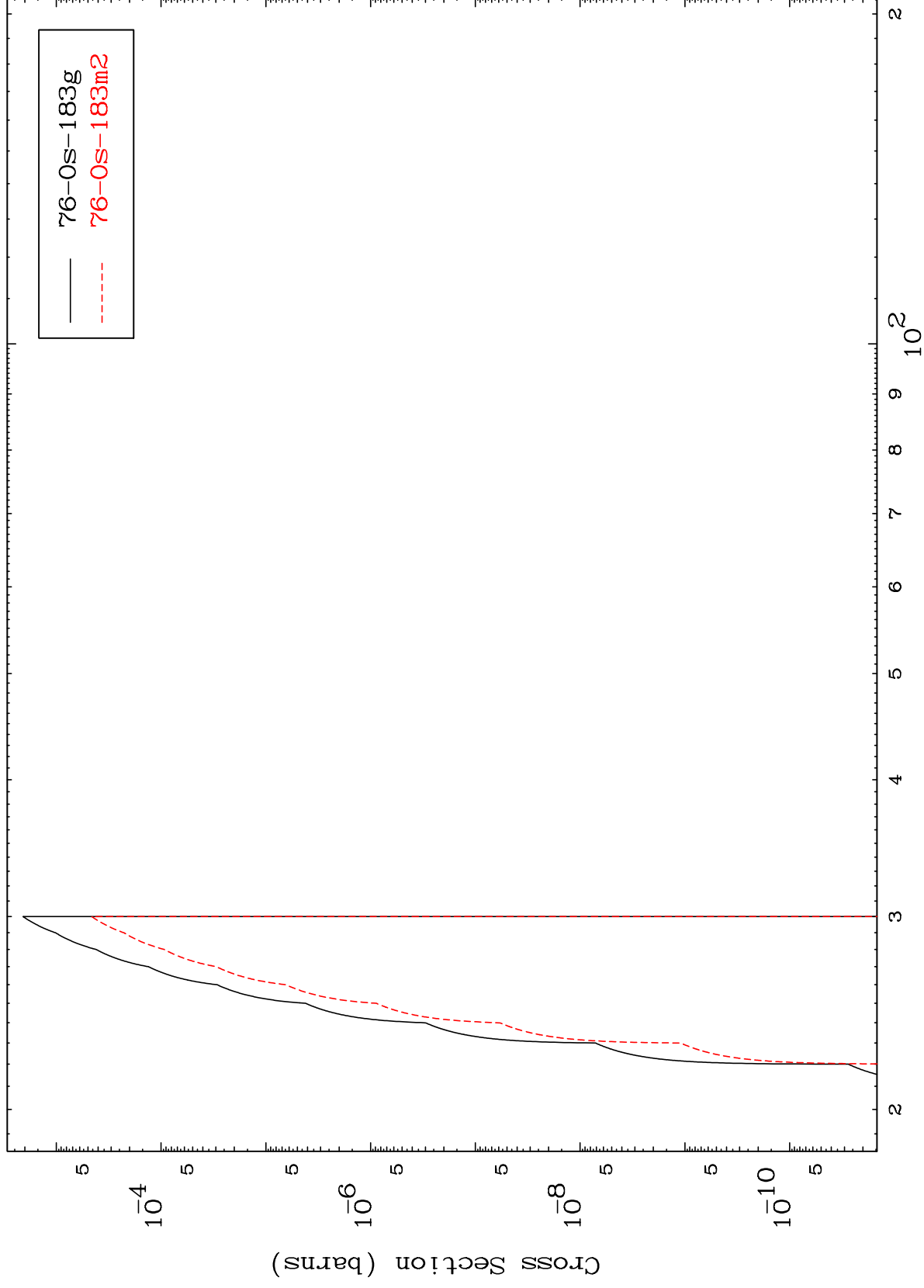
23

MAT 7711

(n,3n) p

⁷⁷Ir-186m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

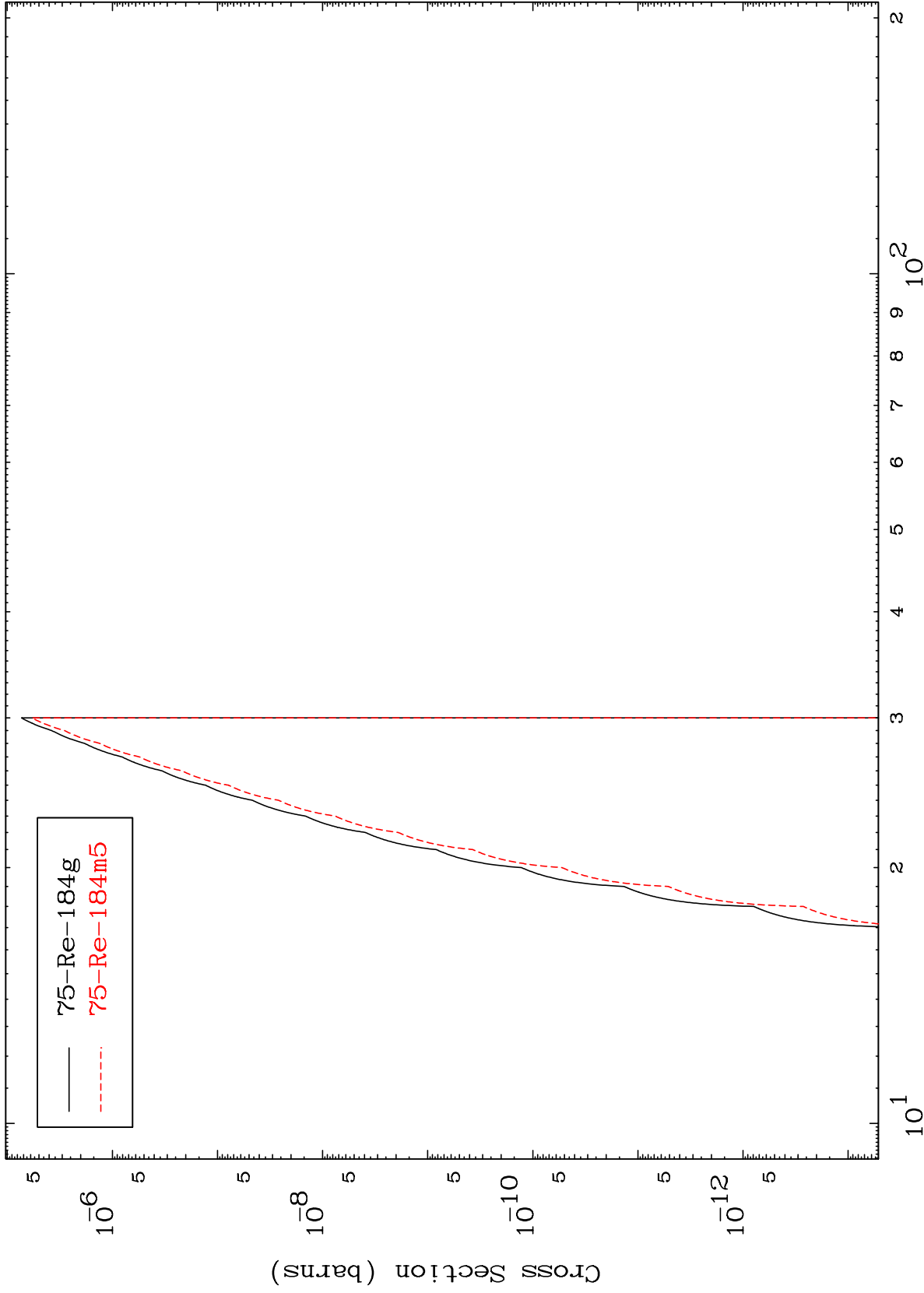
⁷⁷Ir-186m

MAT 7711

(n,2n) p

⁷⁷Ir-186m

Radionuclide Production Cross Section



Incident Energy (MeV)

⁷⁷Ir-186m

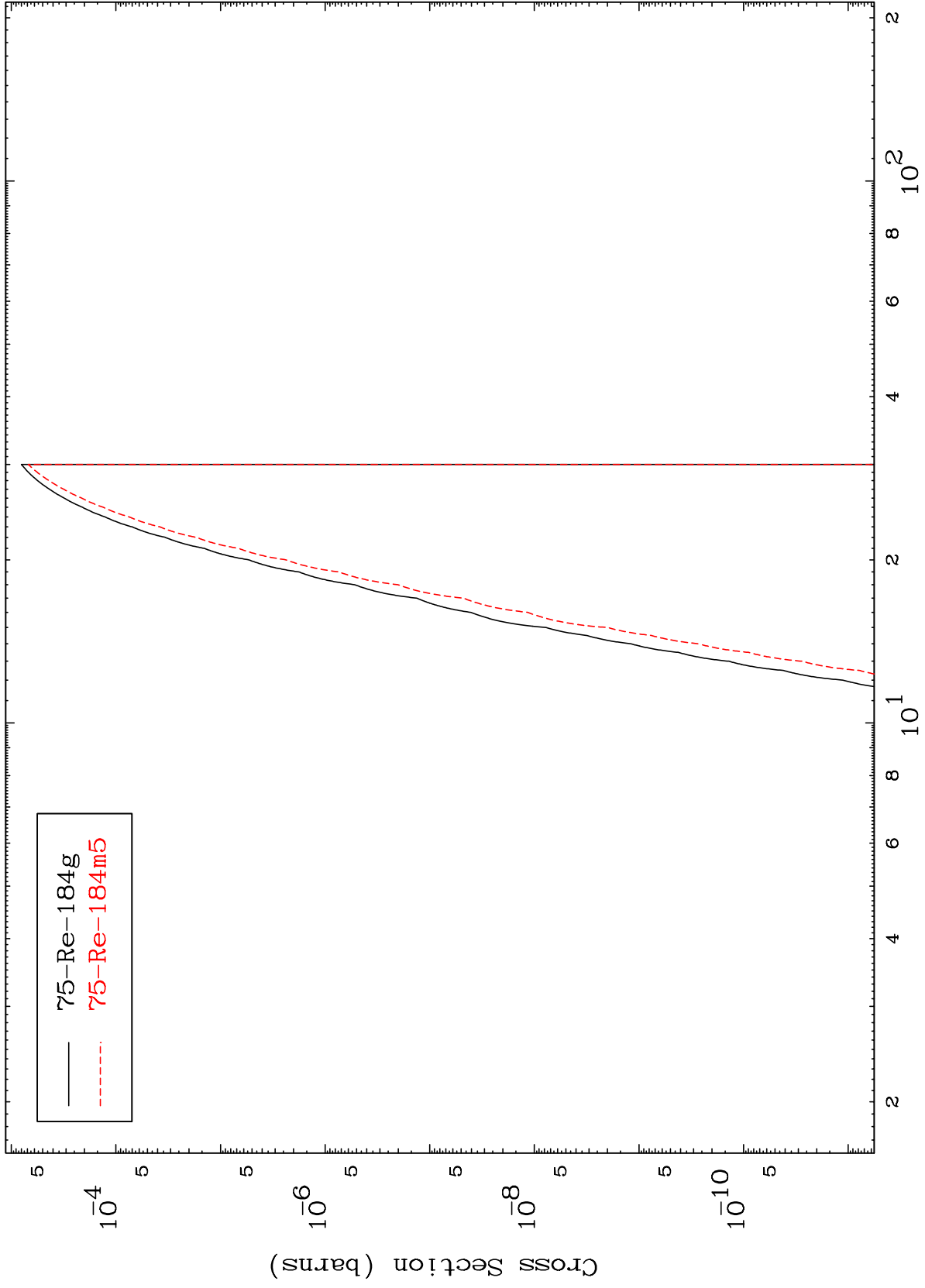
25

MAT 7711

(n,He-3)

⁷⁷Ir-186m

Radionuclide Production Cross Section



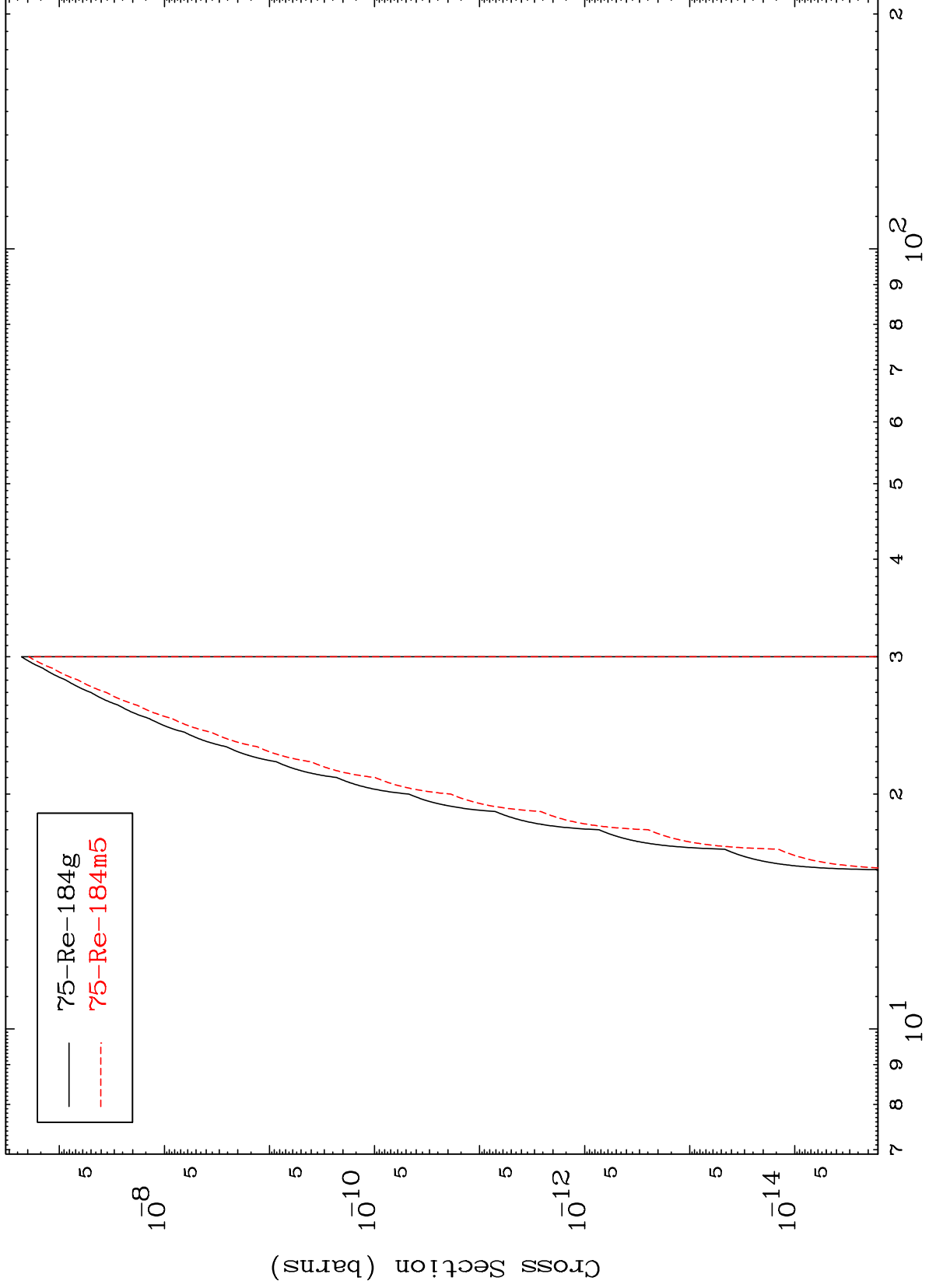
75-Re-184g
75-Re-184m5

MAT 7711

(n,p) d

⁷⁷Ir-186m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

⁷⁷Ir-186m