

Program EVALPLOT
(Version 2021-1)

by

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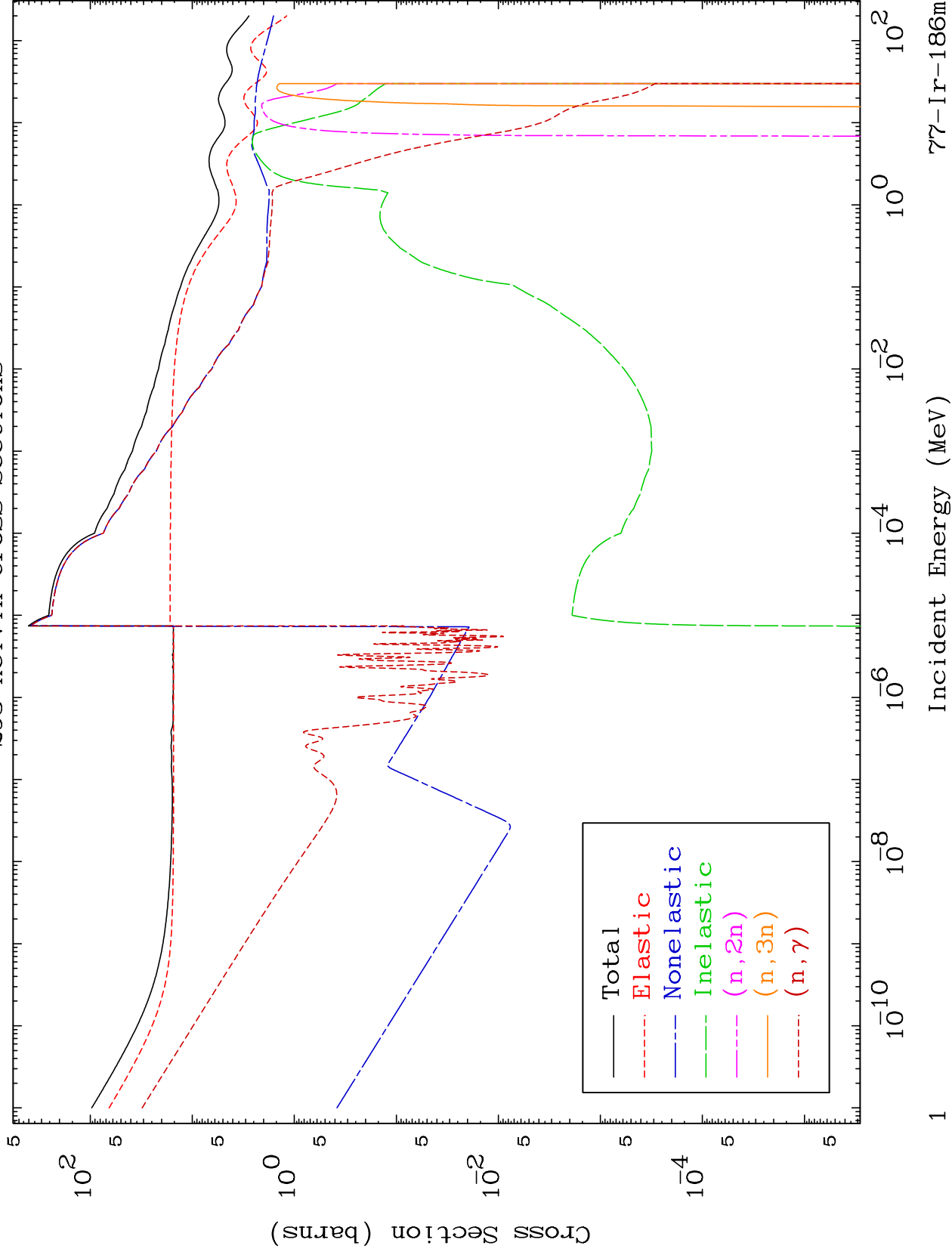
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7711

Neutron Major
293 Kelvin Cross Sections

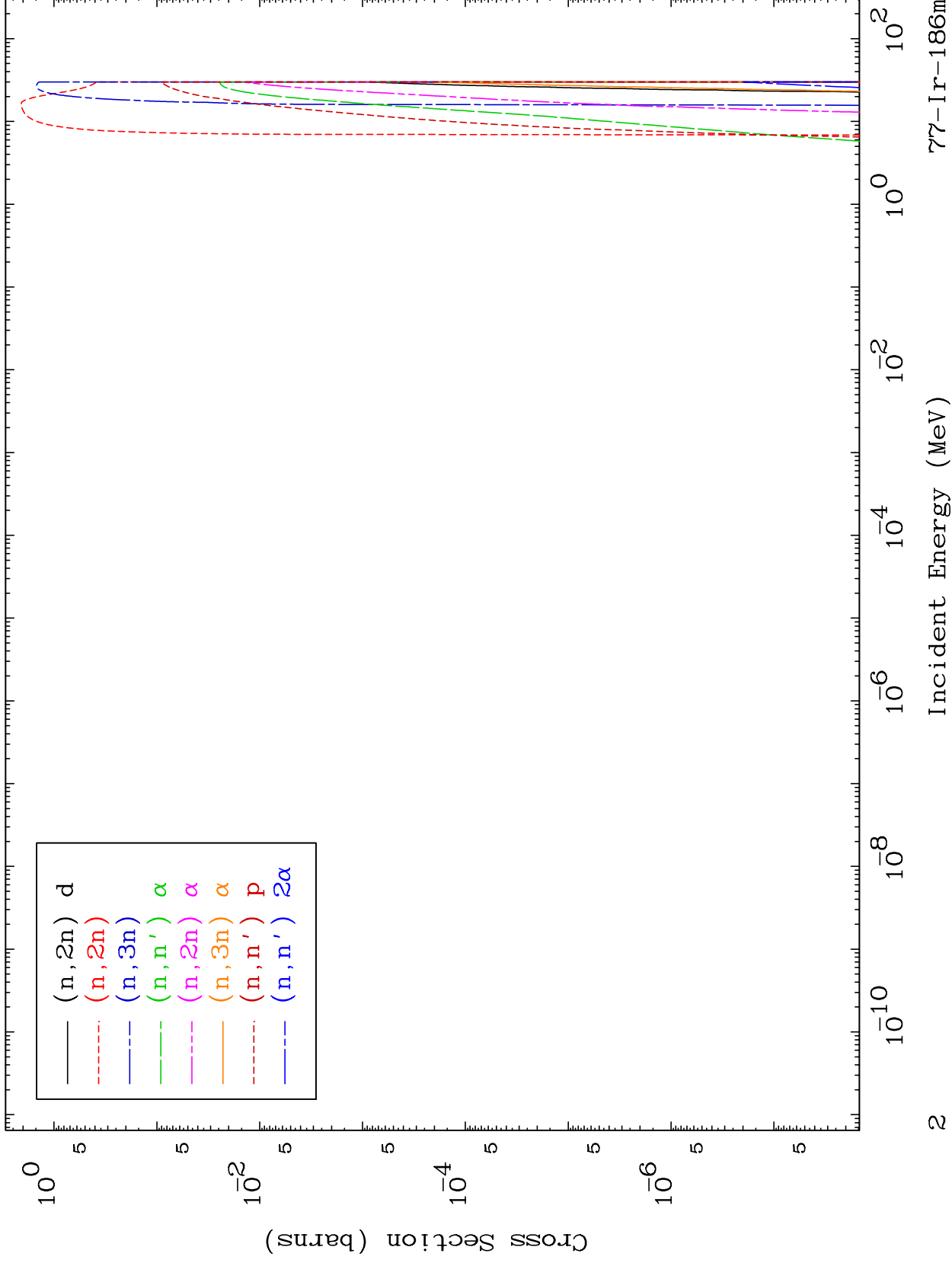
77-Ir-186m



MAT 7711

Neutron Absorption
293 Kelvin Cross Sections

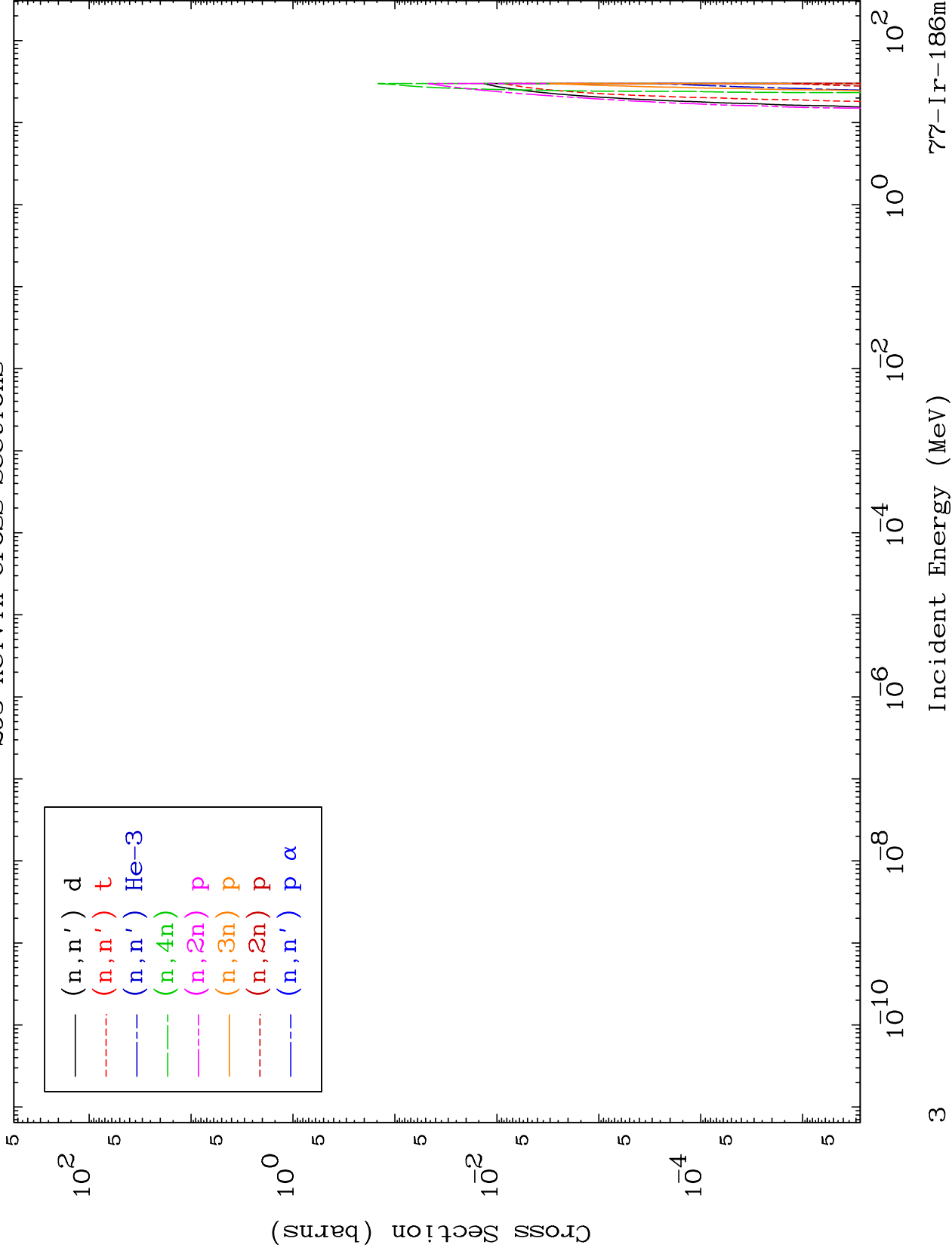
77-Ir-186m



MAT 7711

Neutron Absorption
293 Kelvin Cross Sections

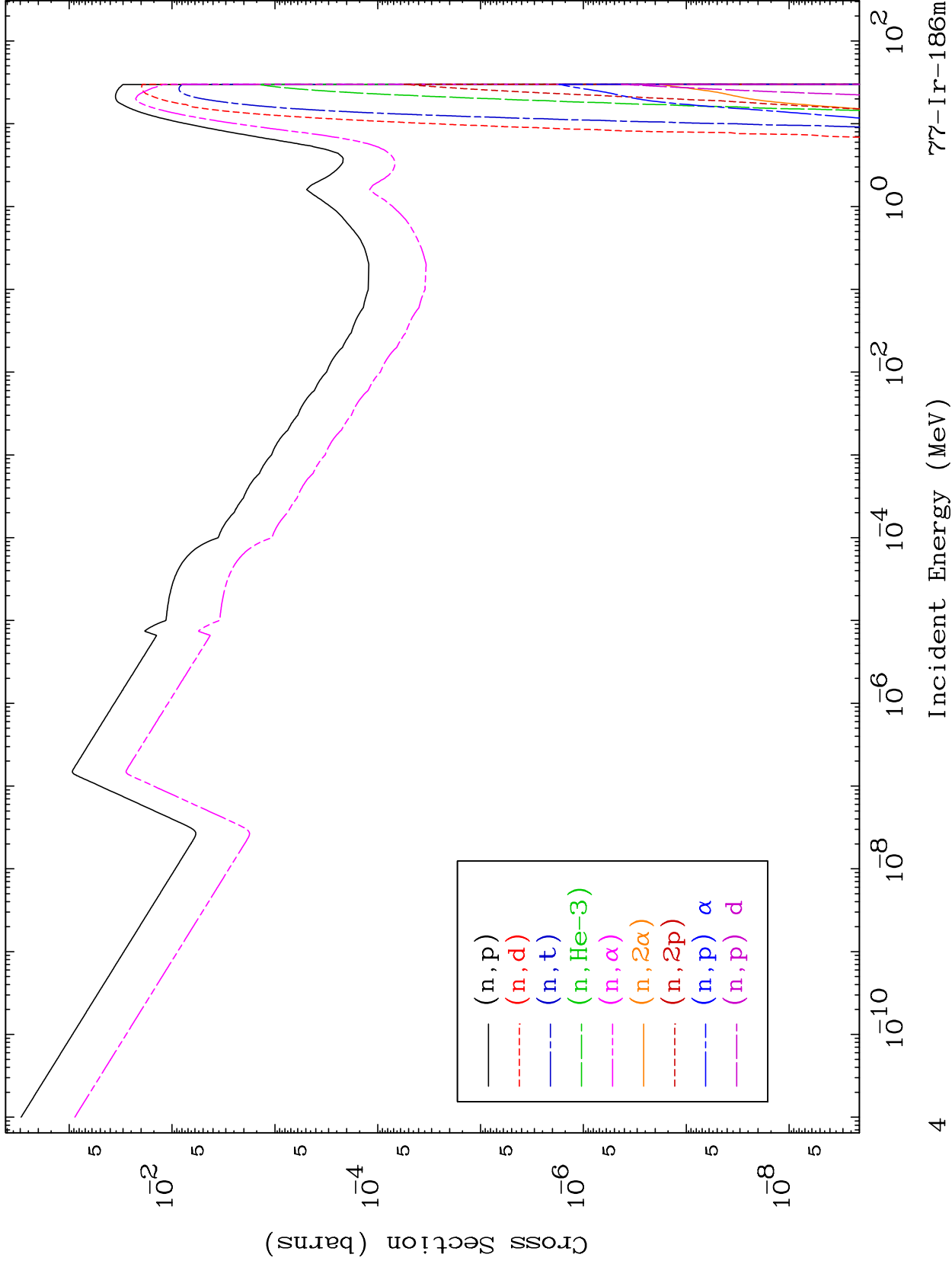
77-Ir-186m



MAT 7711

Neutron Absorption
293 Kelvin Cross Sections

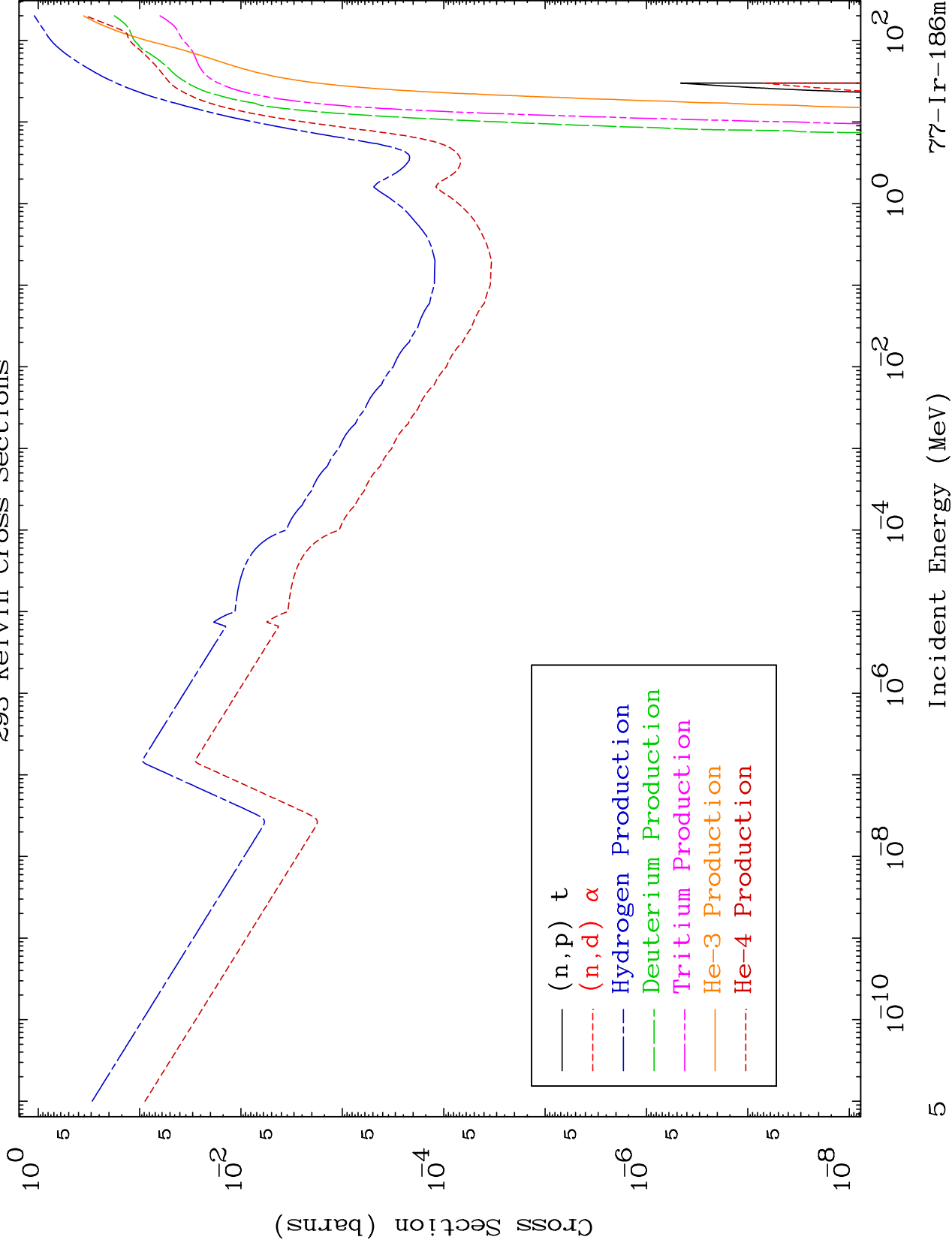
77-Ir-186m



MAT 7711

Neutron Absorption
293 Kelvin Cross Sections

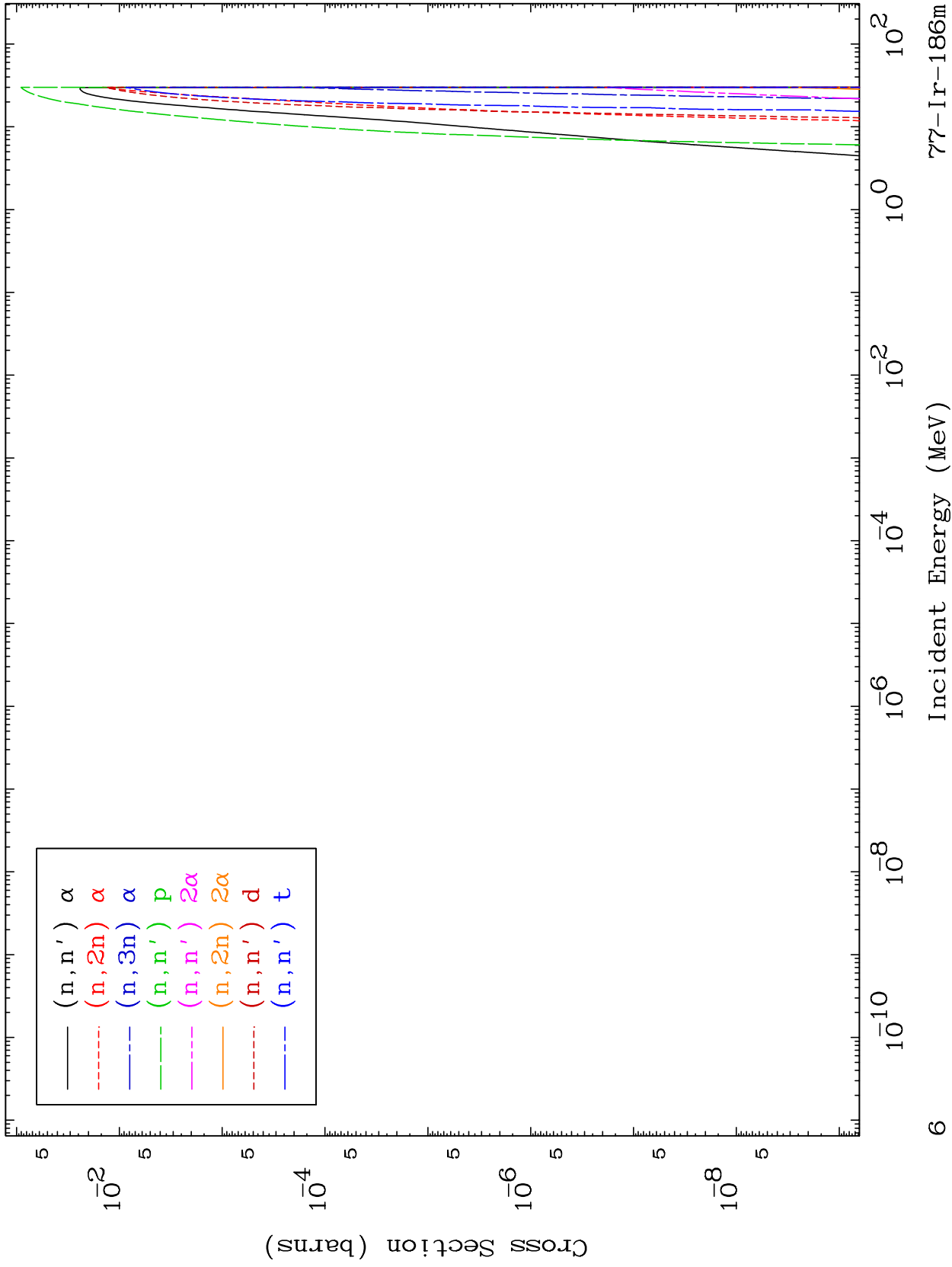
77-Ir-186m



MAT 7711

Charged Particle
293 Kelvin Cross Sections

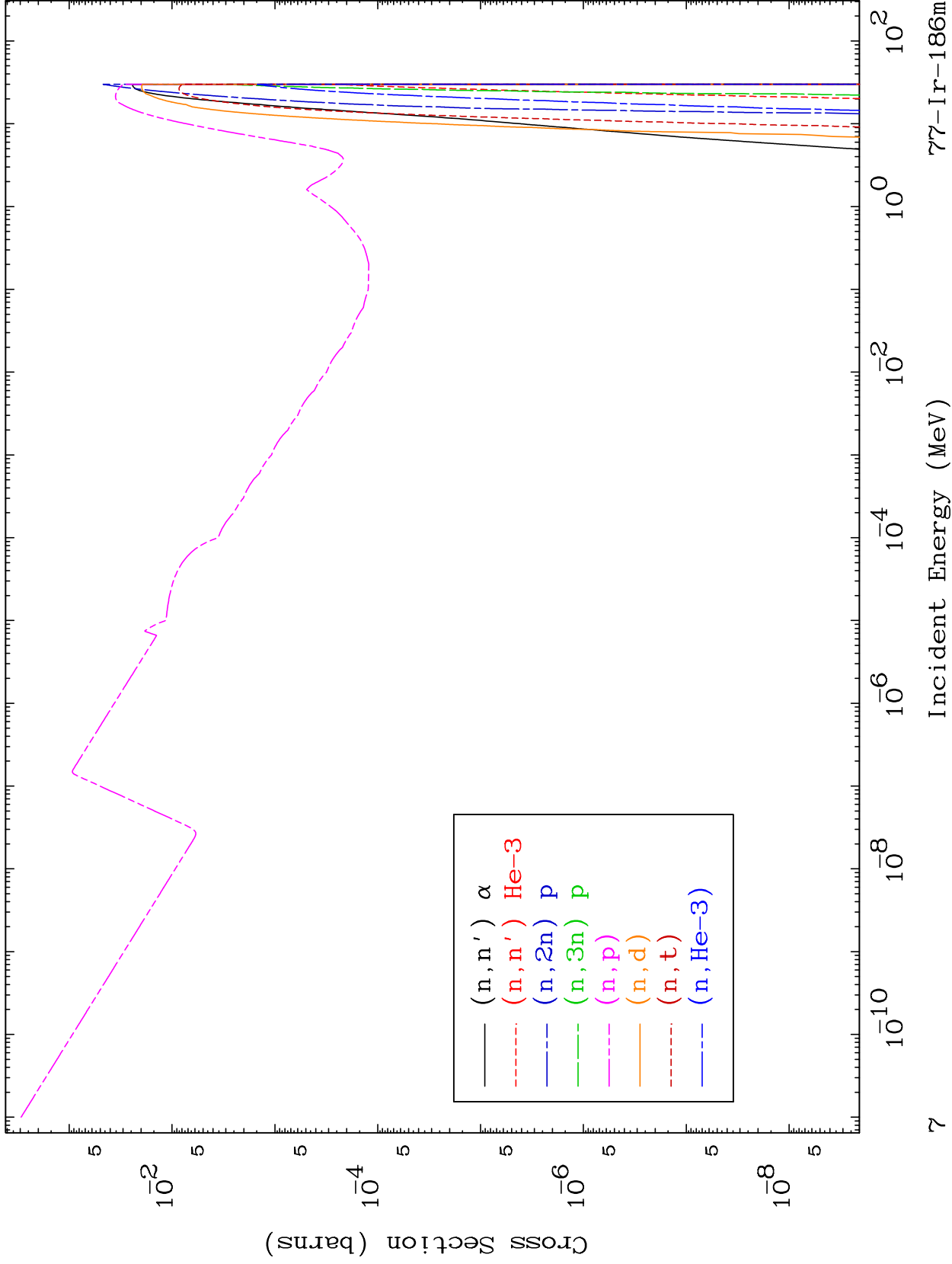
⁷⁷Ir-186m



MAT 7711

Charged Particle
293 Kelvin Cross Sections

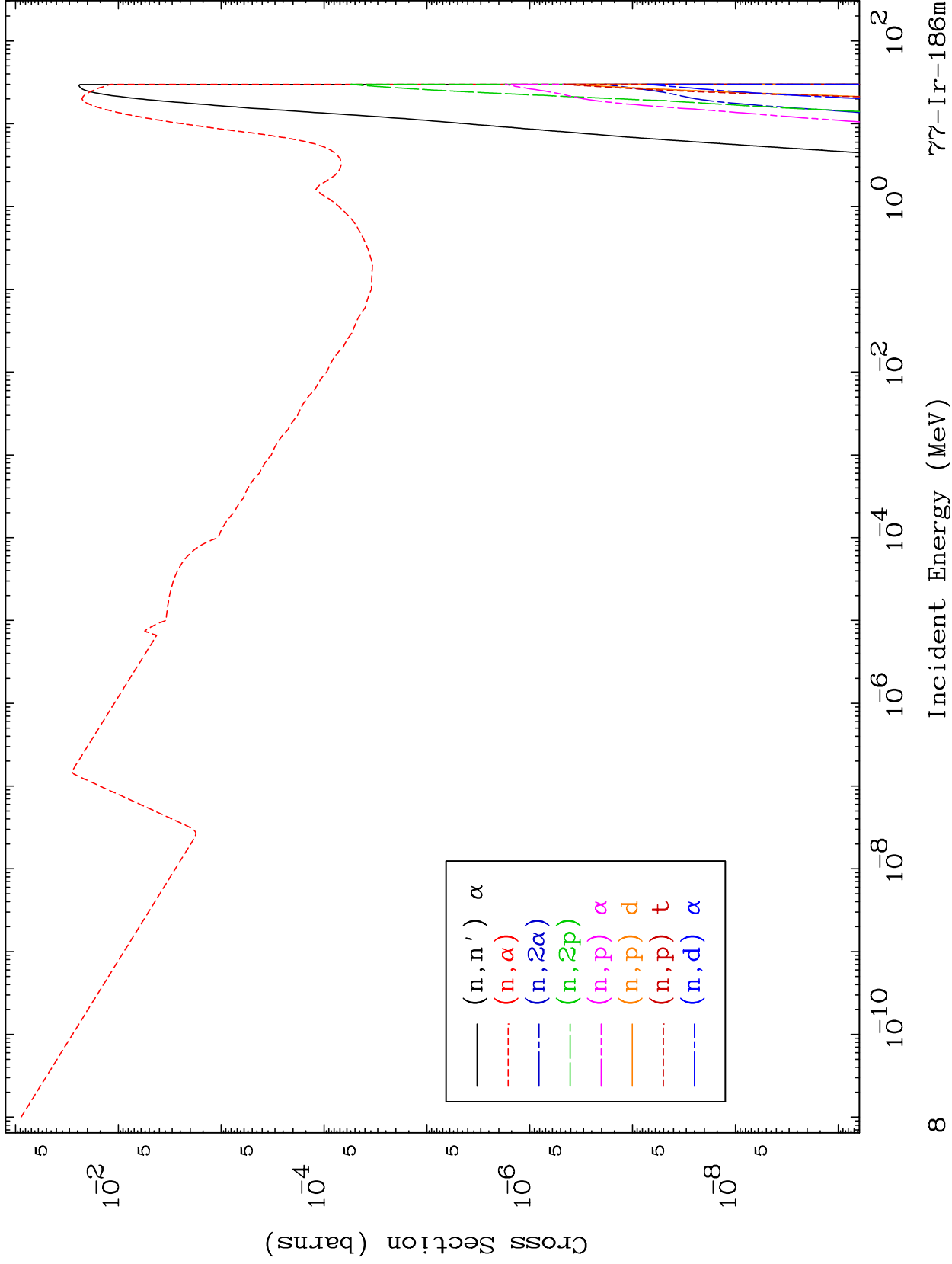
77-Ir-186m



MAT 7711

Charged Particle
293 Kelvin Cross Sections

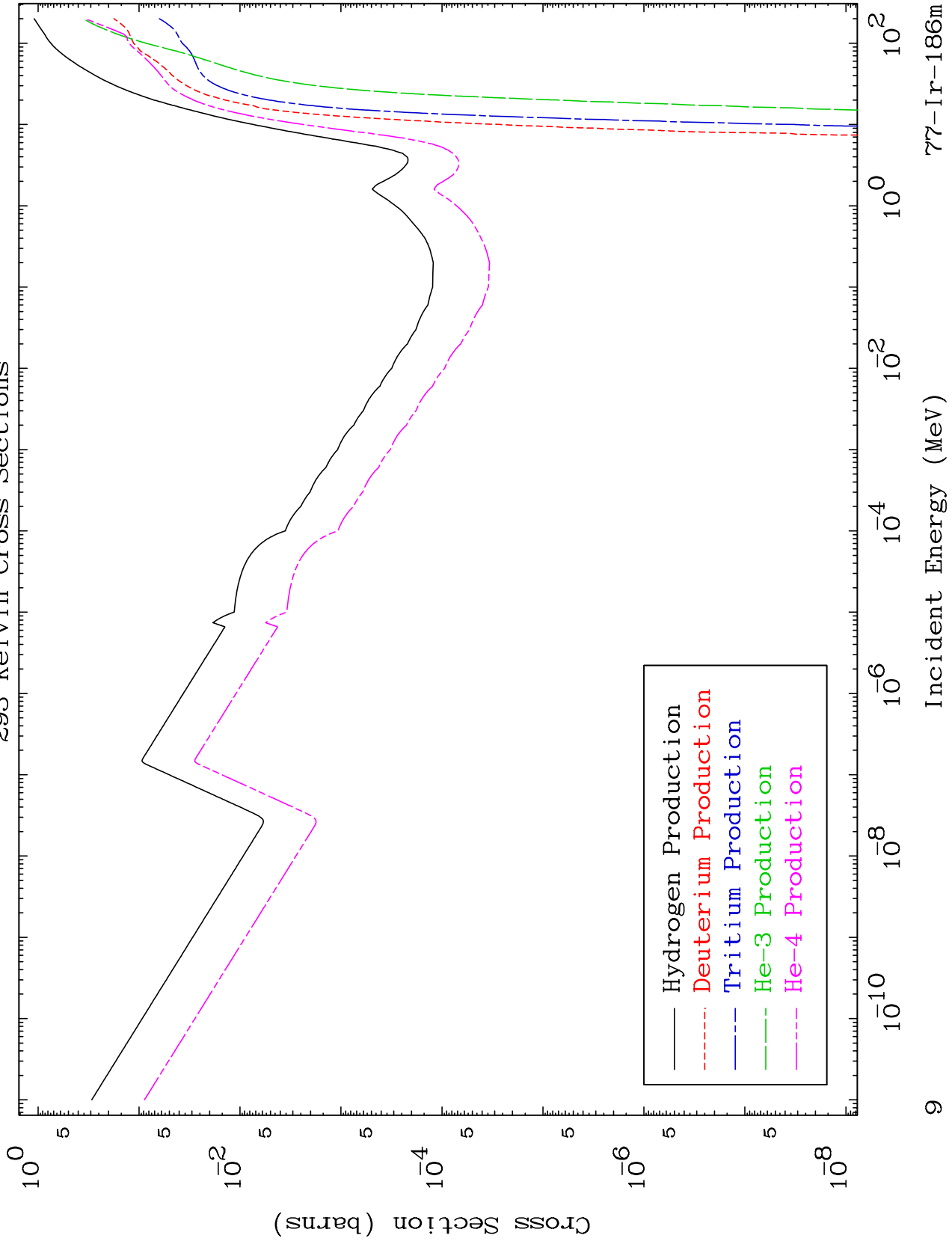
77-Ir-186m



MAT 7711

Particle Production
293 Kelvin Cross Sections

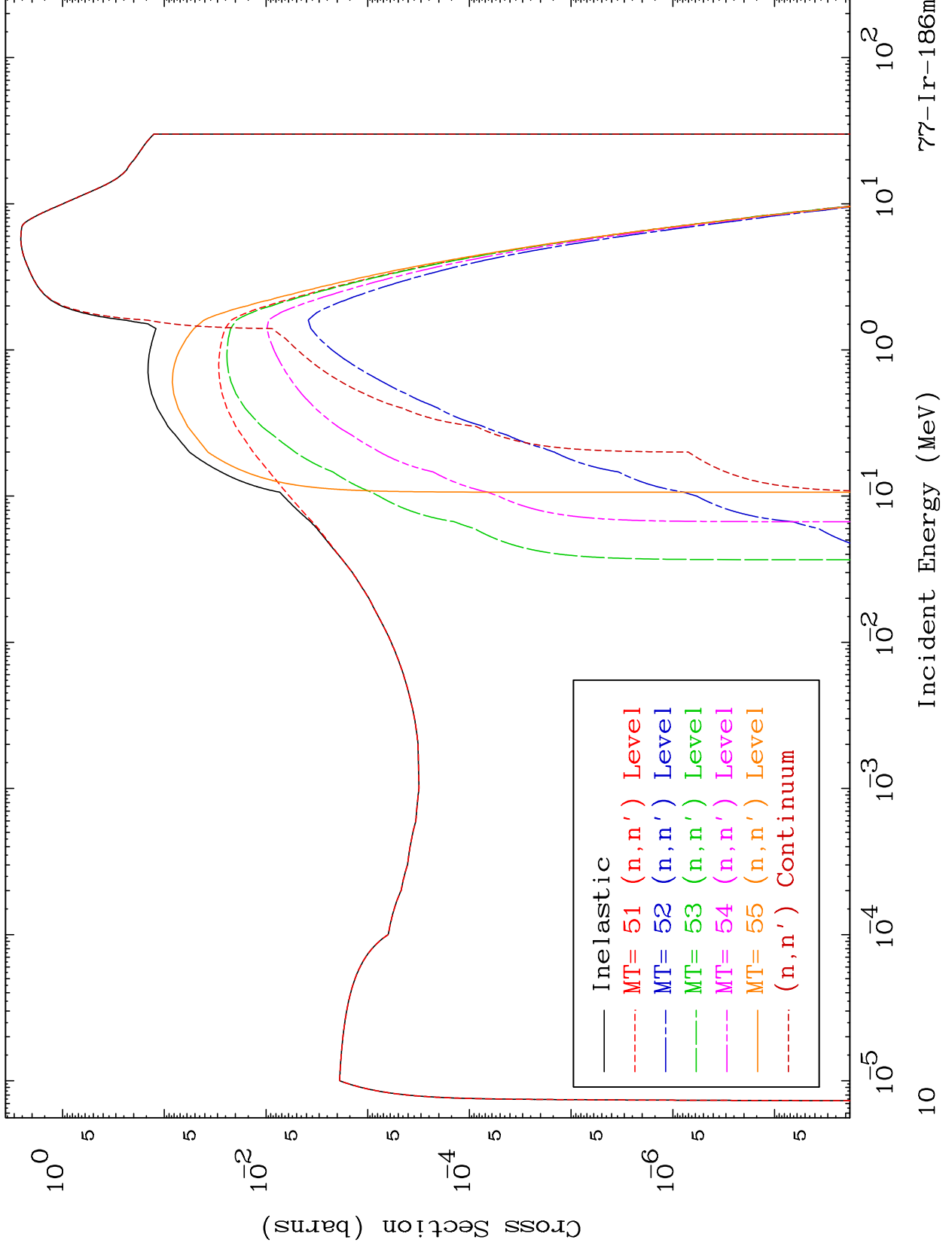
77-Ir-186m



MAT 7711

(n,n') Levels
293 Kelvin Cross Sections

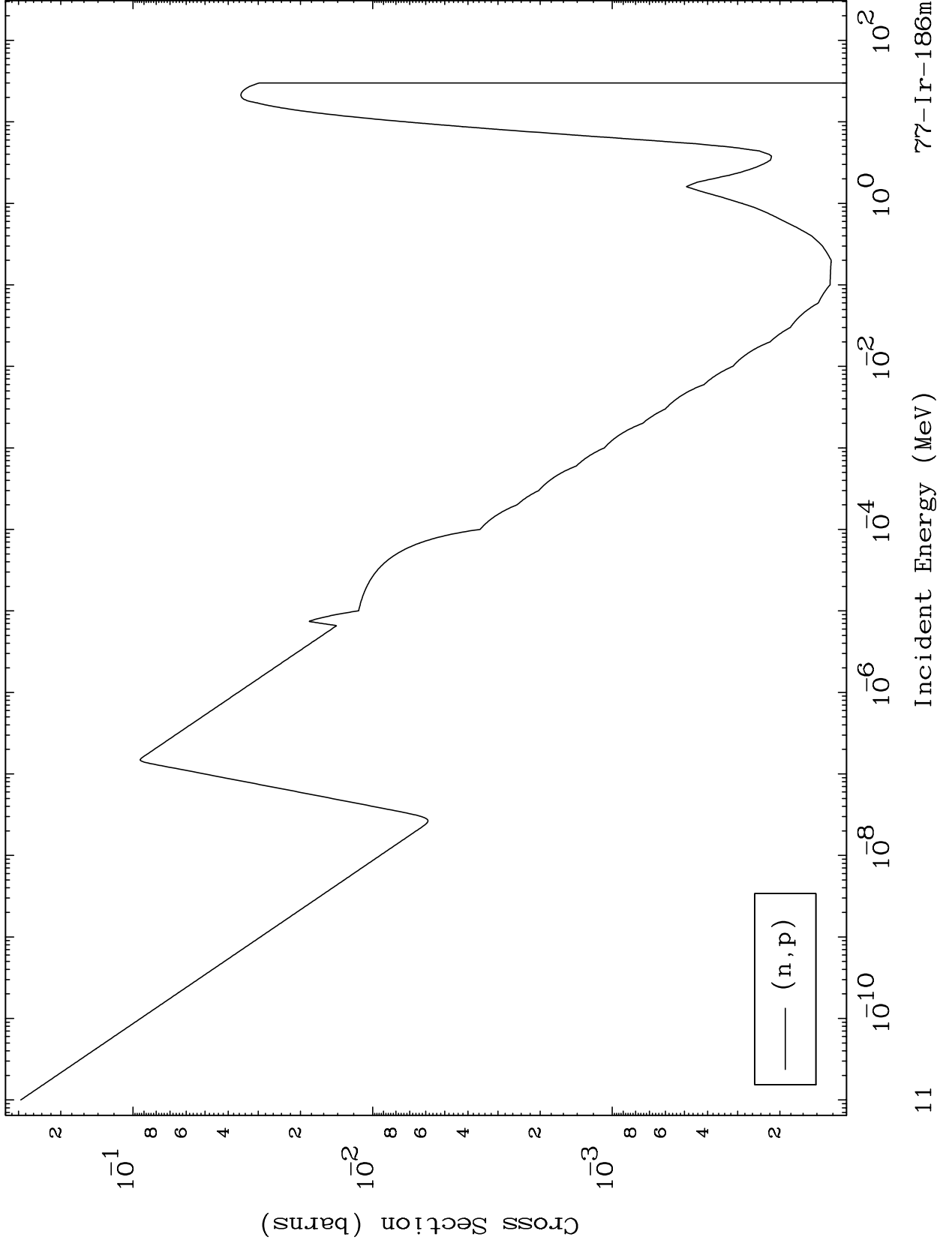
77-Ir-186m



MAT 7711

(n,p) Levels
293 Kelvin Cross Sections

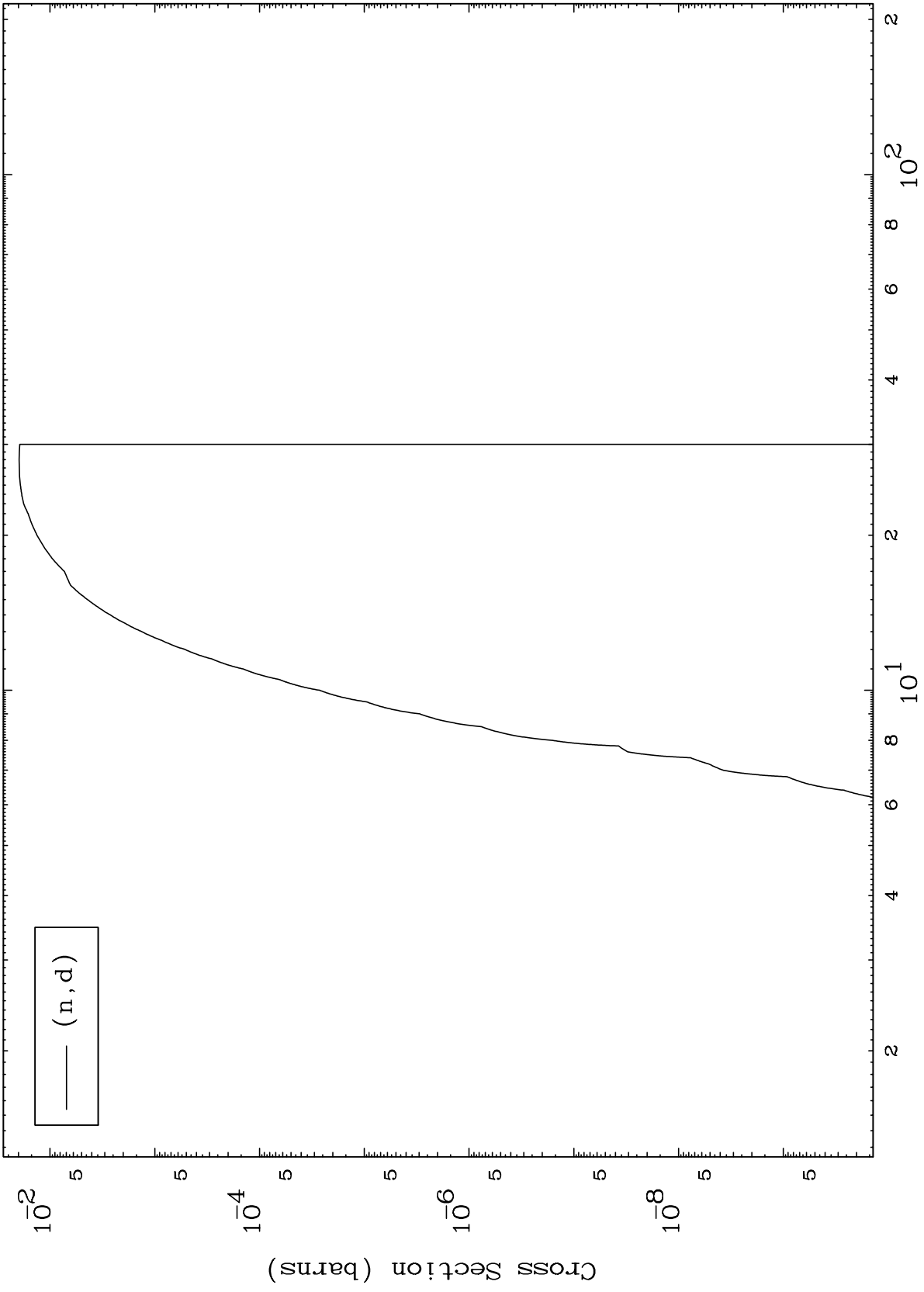
77-Ir-186m



MAT 7711

(n,d) Levels
293 Kelvin Cross Sections

77-Ir-186m



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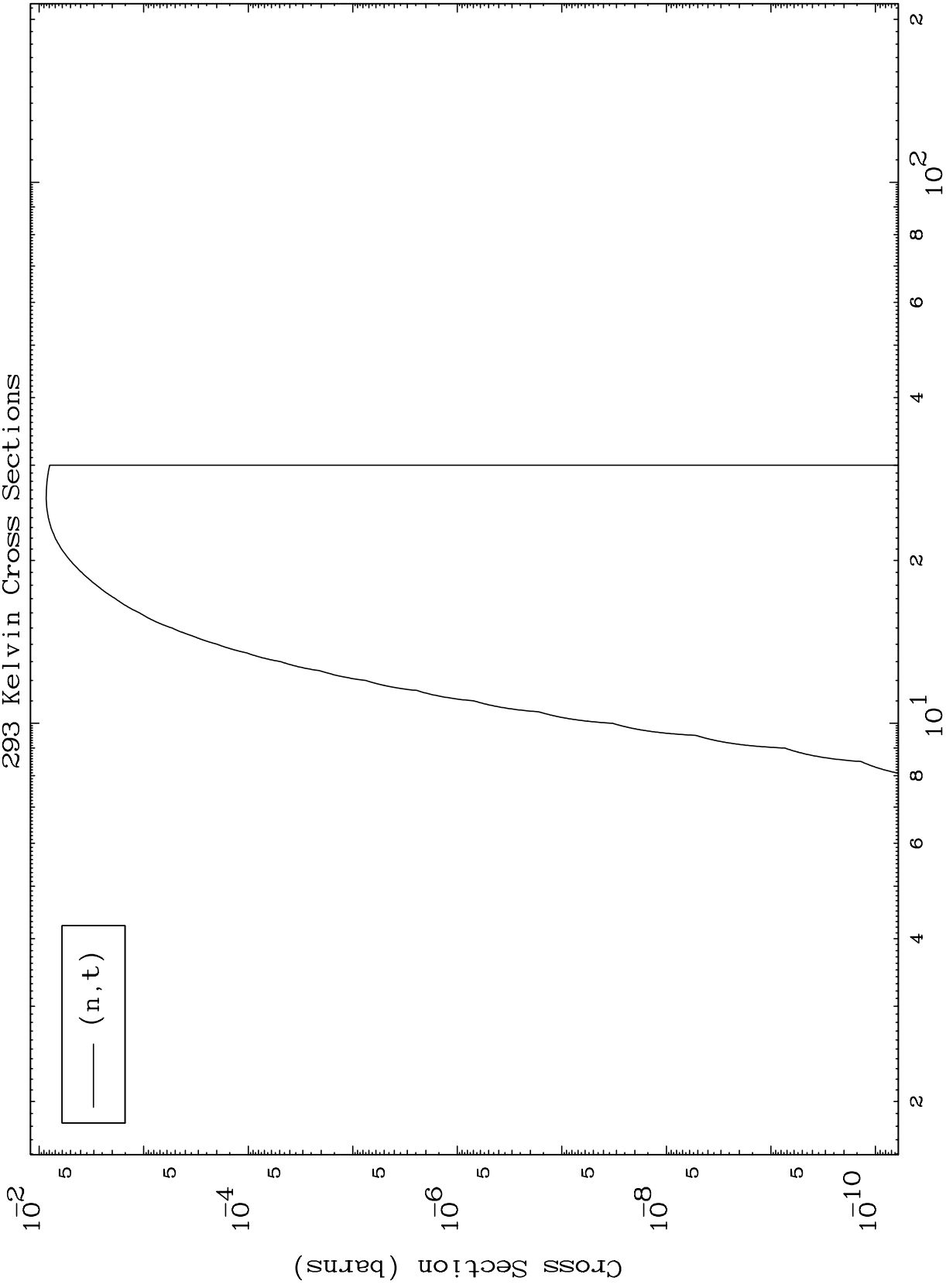
Incident Energy (MeV)

77-Ir-186m

MAT 7711

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-186m



13

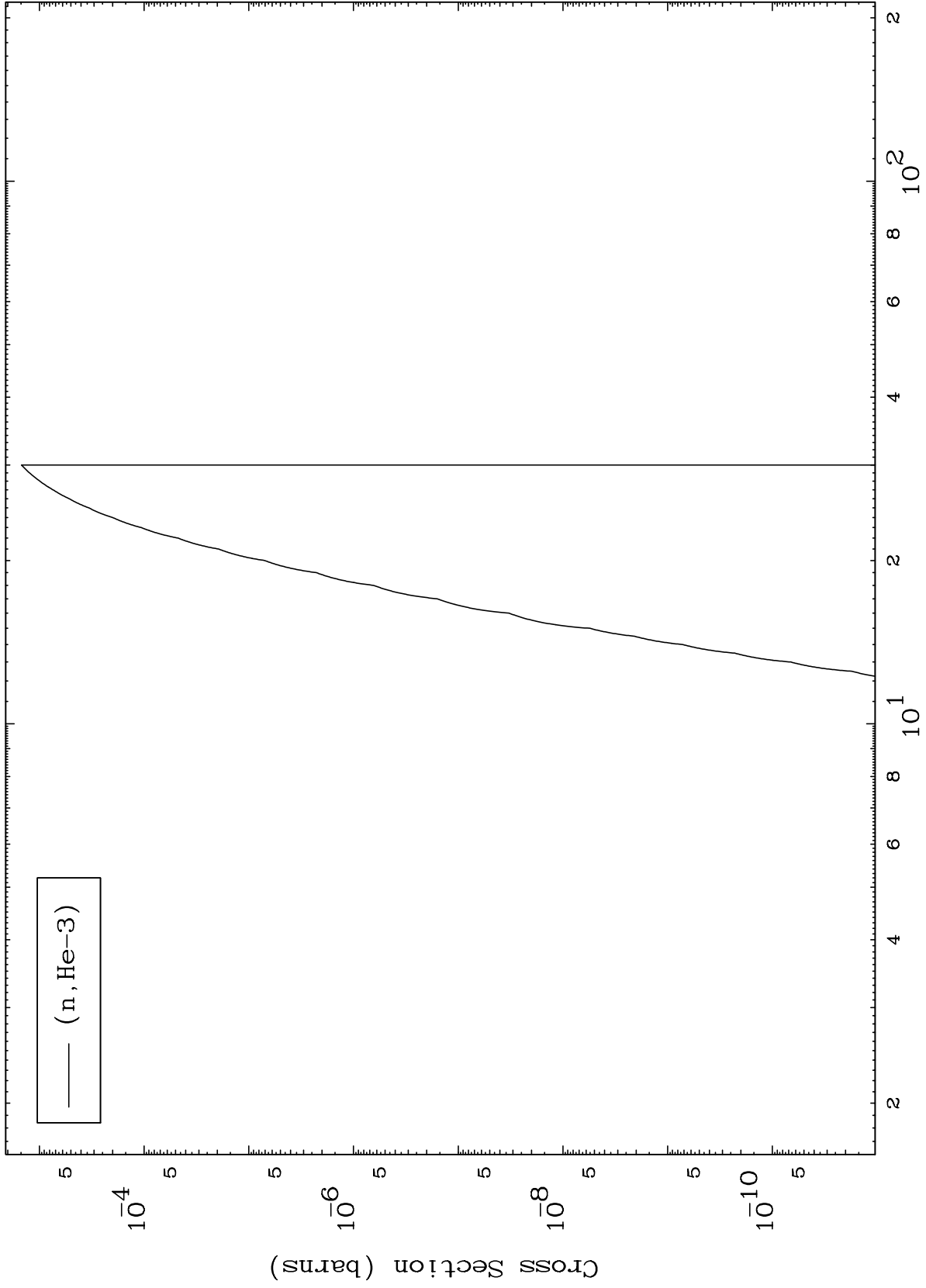
Incident Energy (MeV)

77-Ir-186m

MAT 7711

(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-186m



14

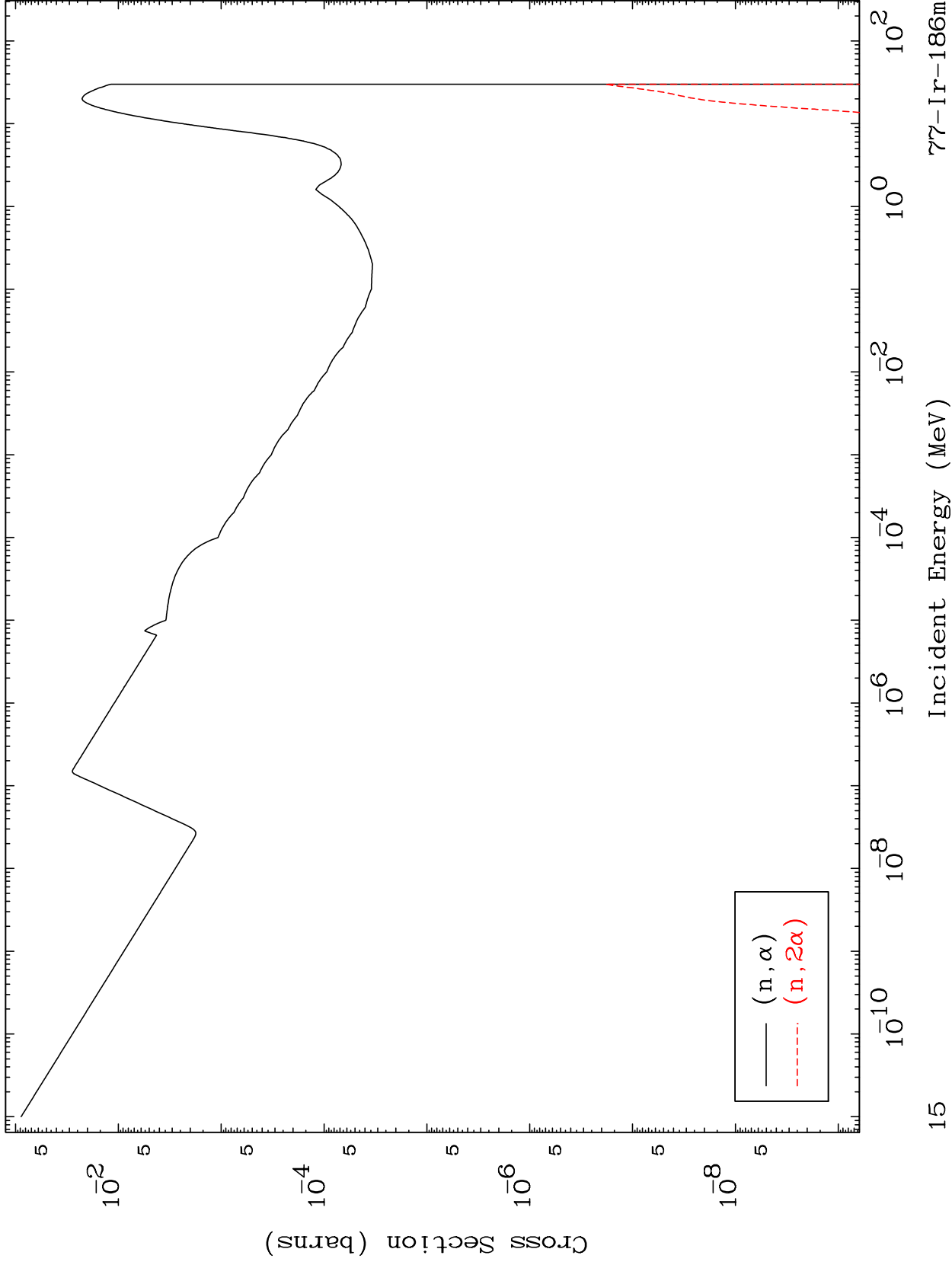
Incident Energy (MeV)

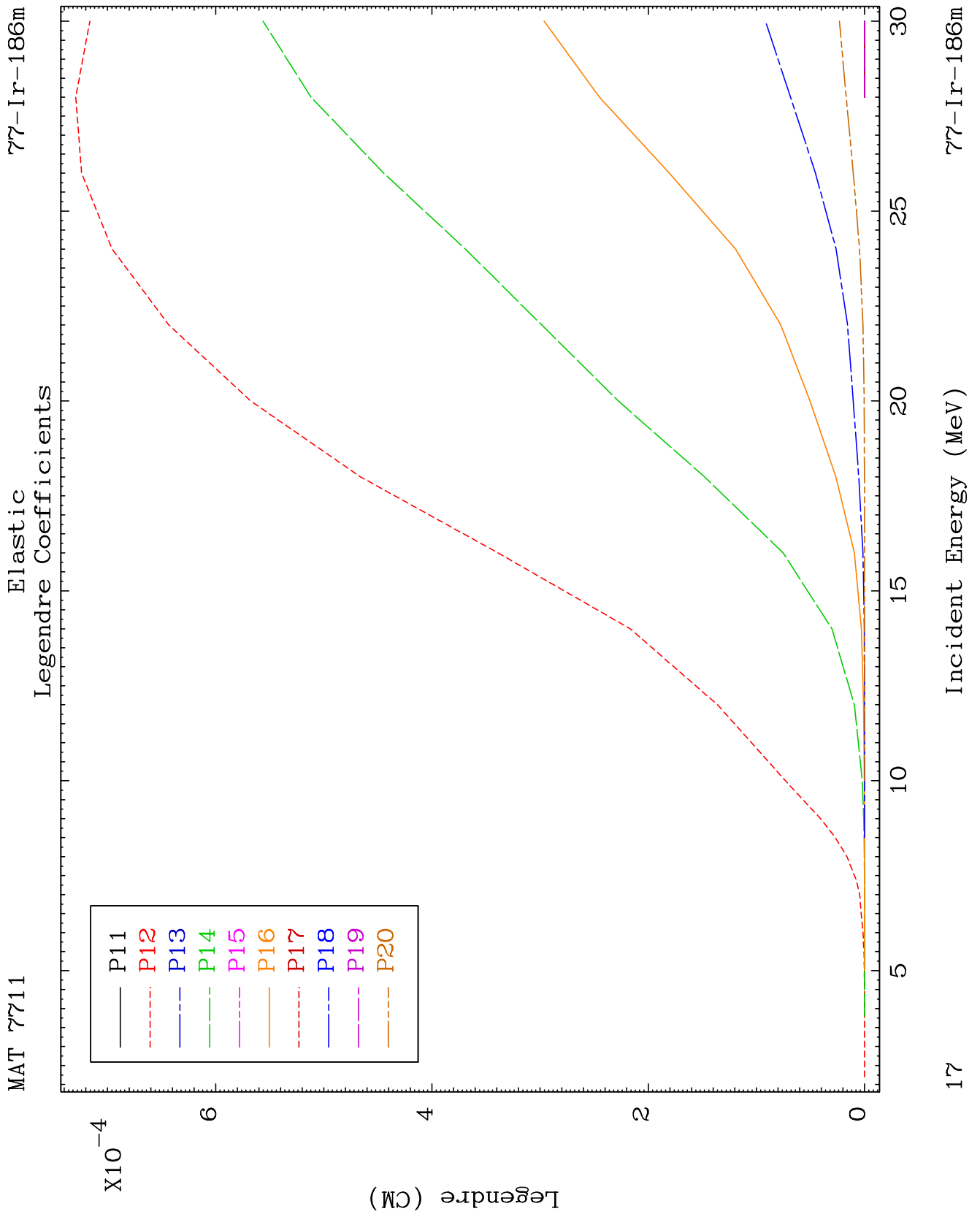
77-Ir-186m

MAT 7711

(n,α) Levels
293 Kelvin Cross Sections

⁷⁷Ir-186m

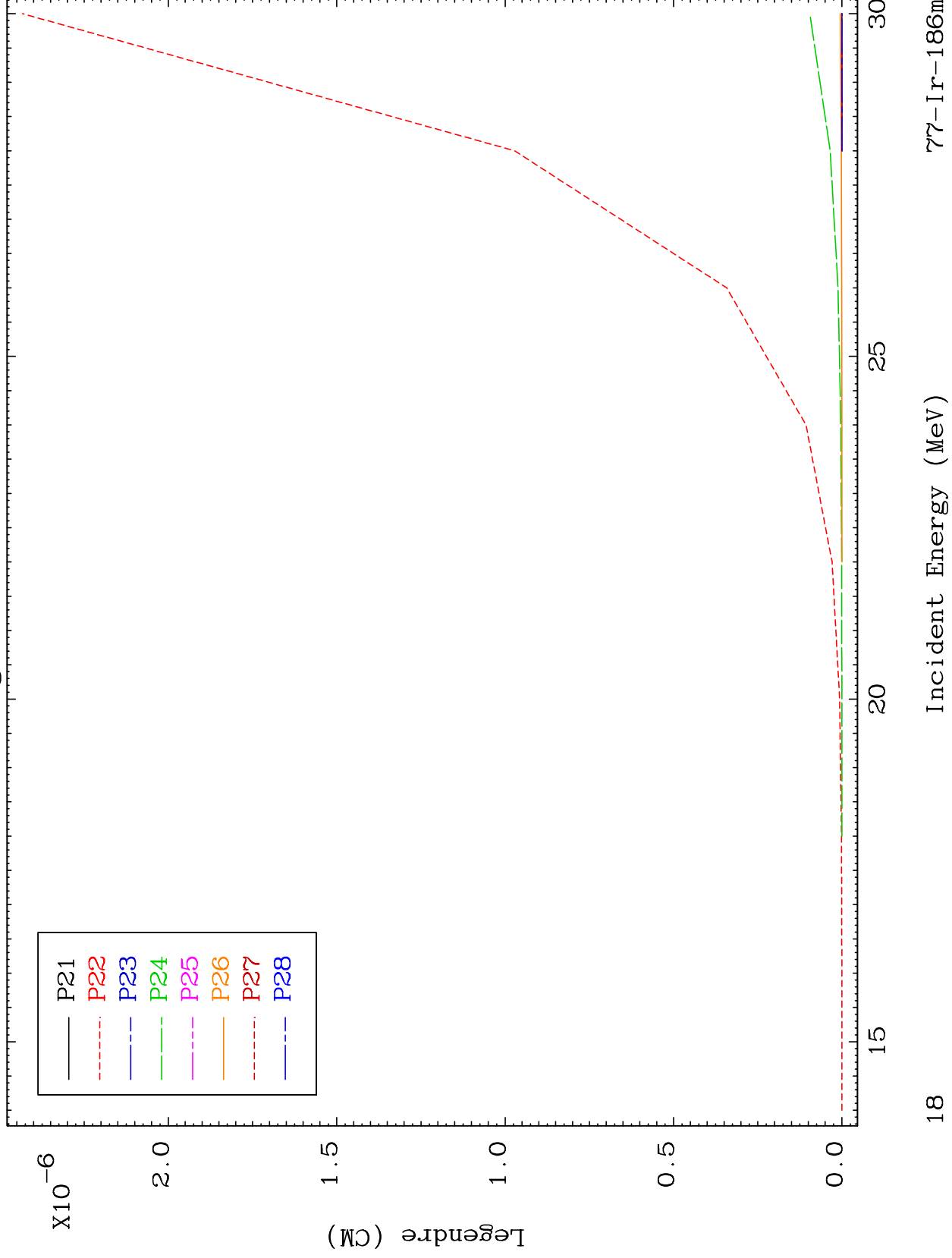




MAT 7711

Elastic
Legendre Coefficients

77-Ir-186m

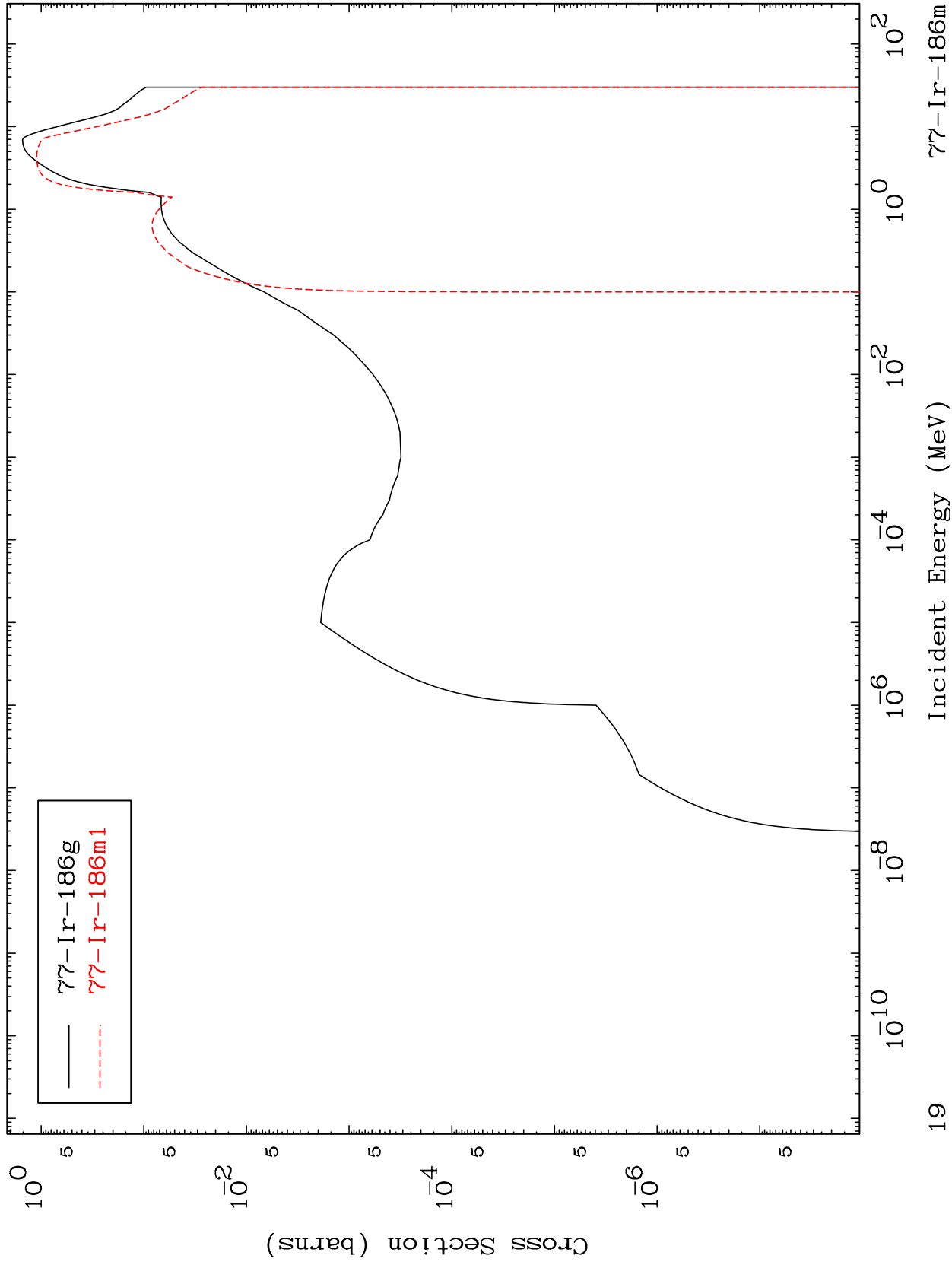


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MAT 7711

Inelastic
Radionuclide Production Cross Section

⁷⁷Ir-186m

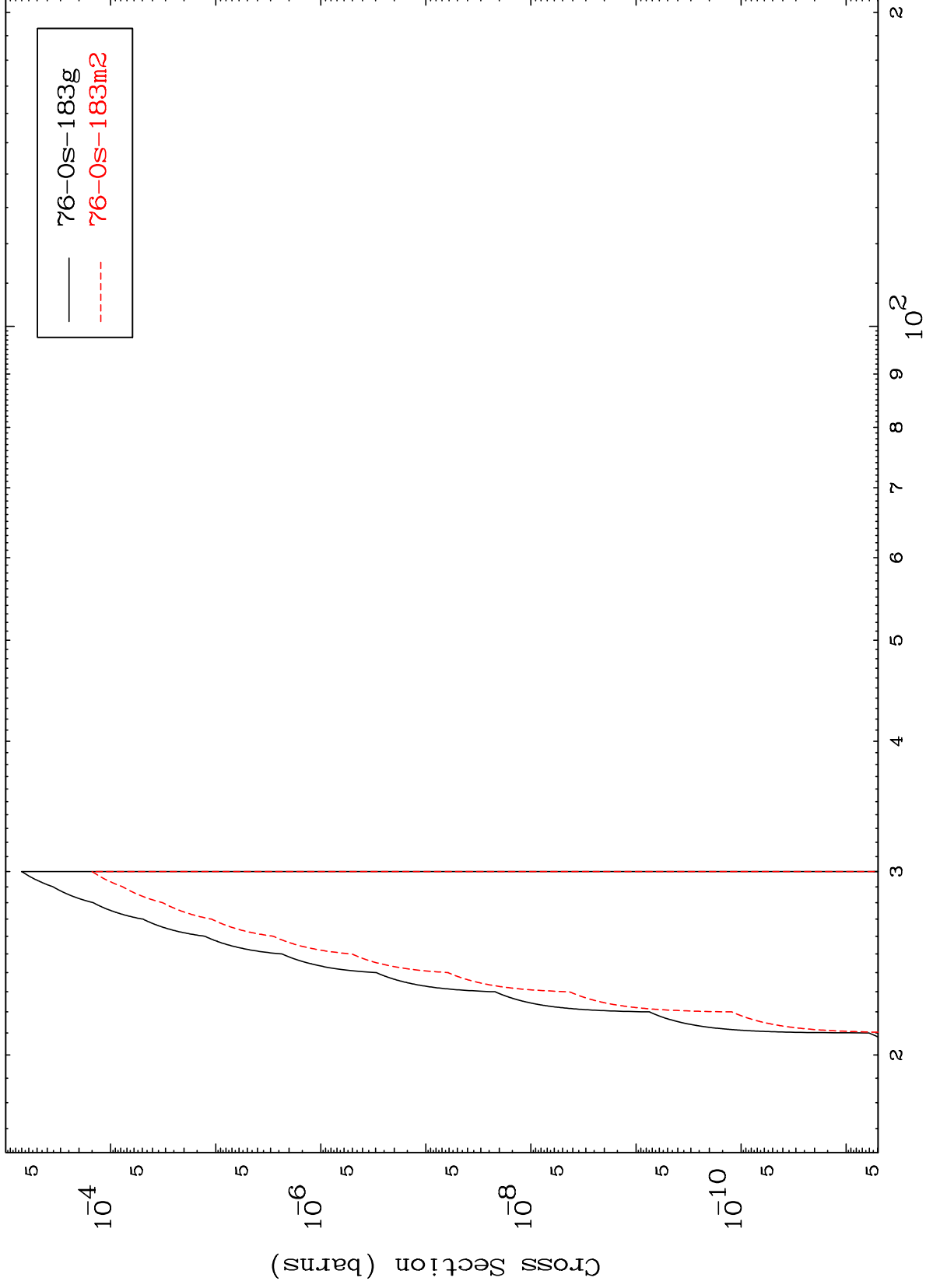


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(n,2n) d

⁷⁷Ir-186m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

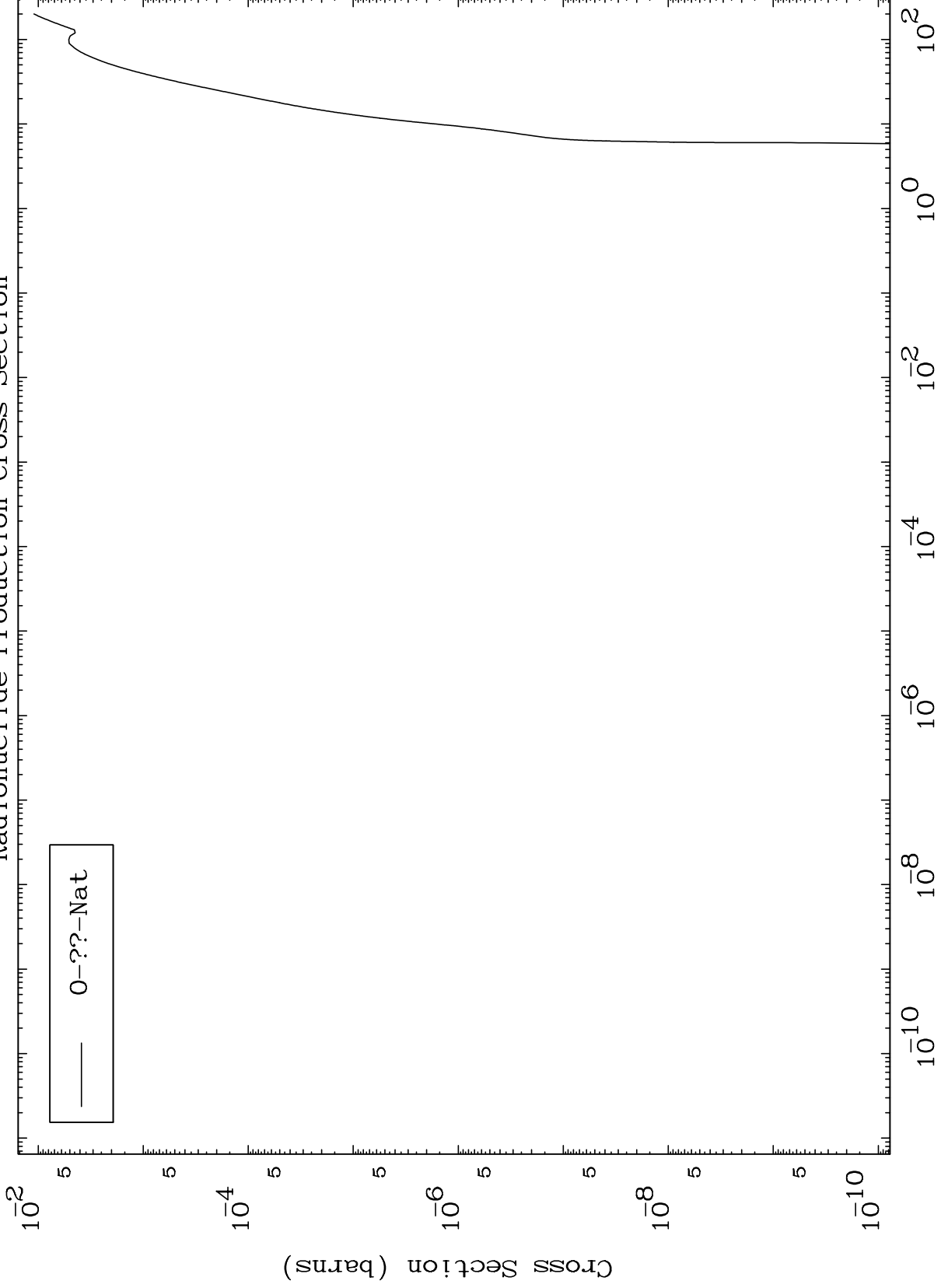
⁷⁷Ir-186m

MAT 7711

Fission

⁷⁷Ir-186m

Radionuclide Production Cross Section

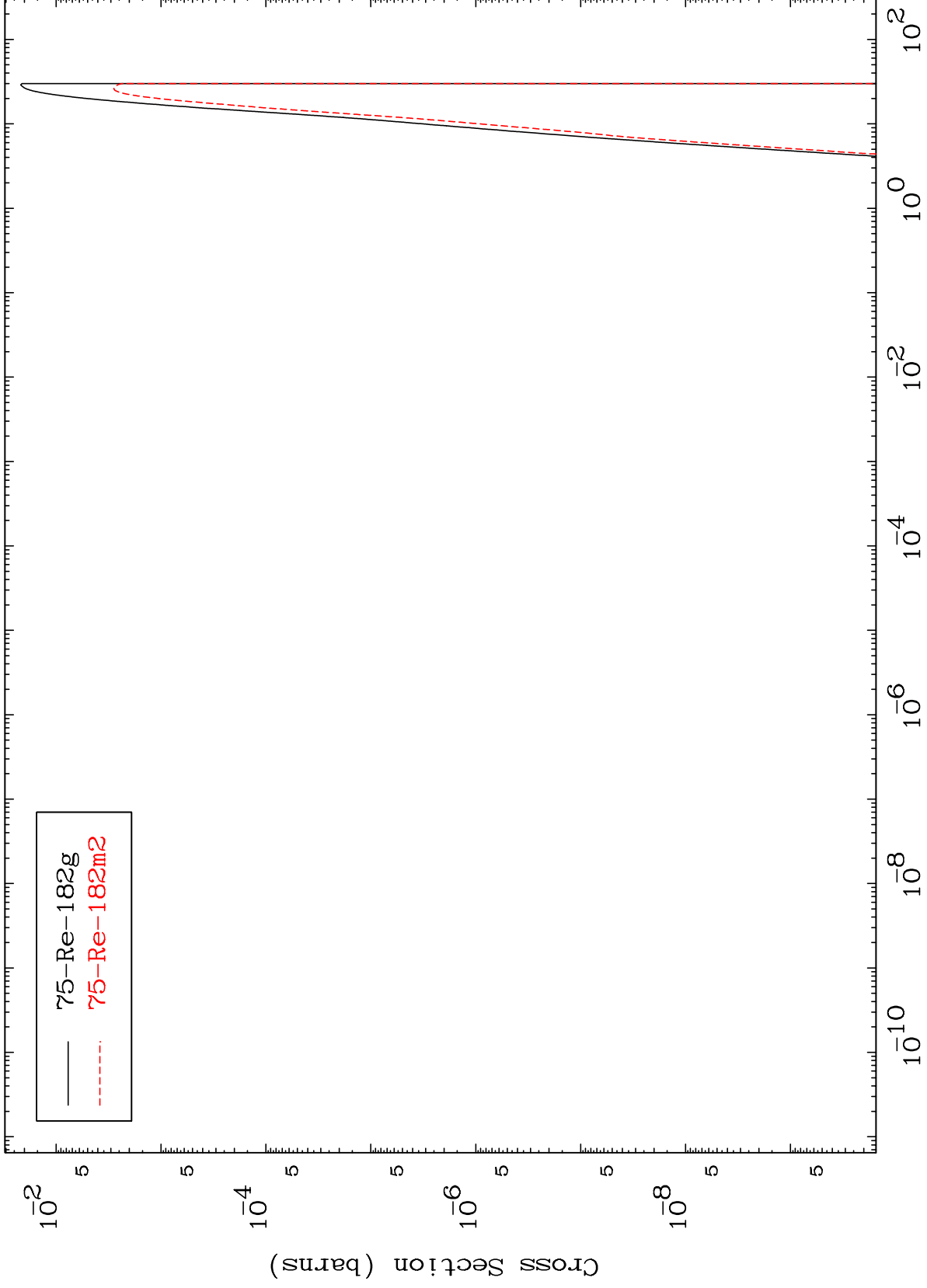


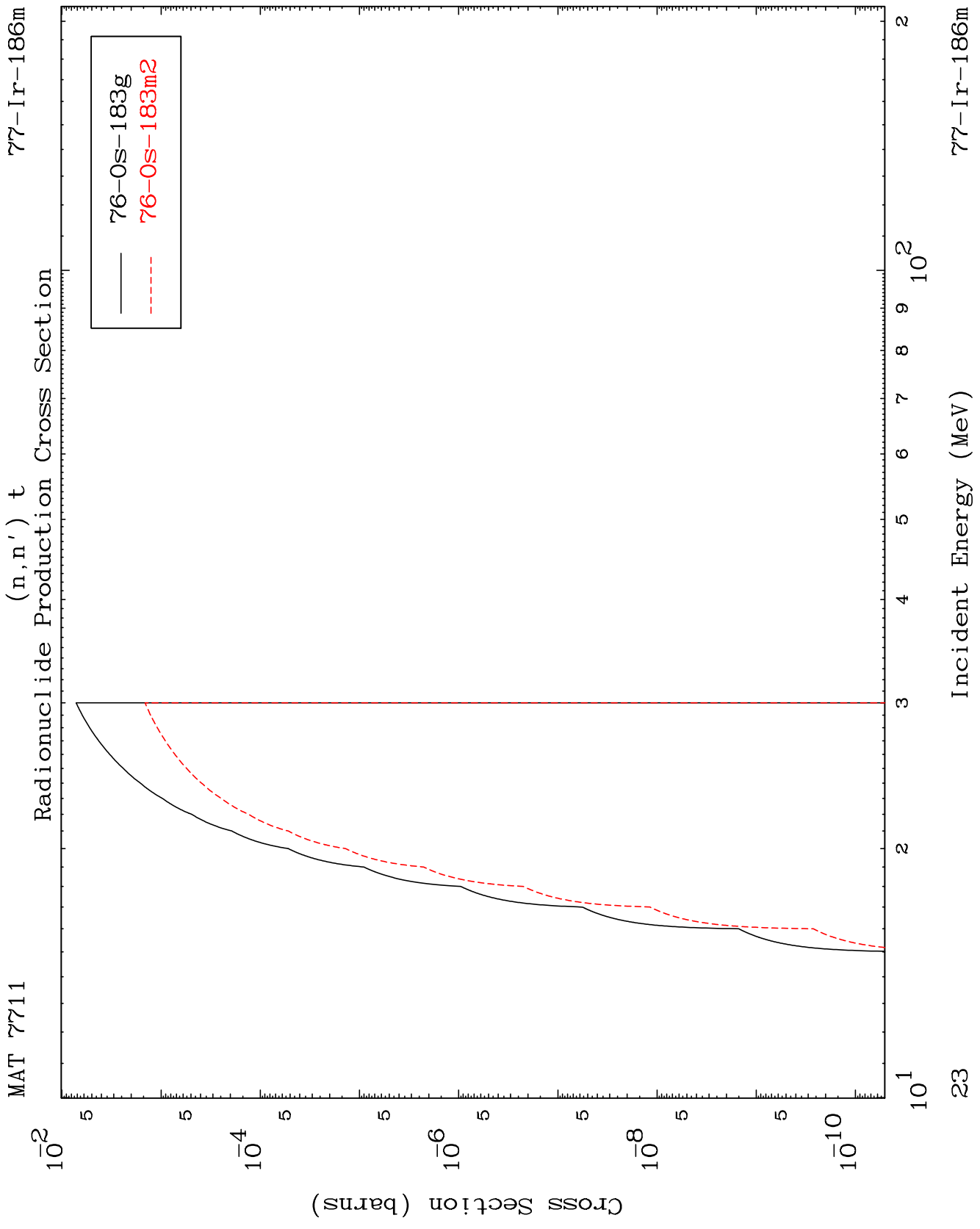
MAT 7711

$(n, n') \alpha$

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

Radionuclide Production Cross Section



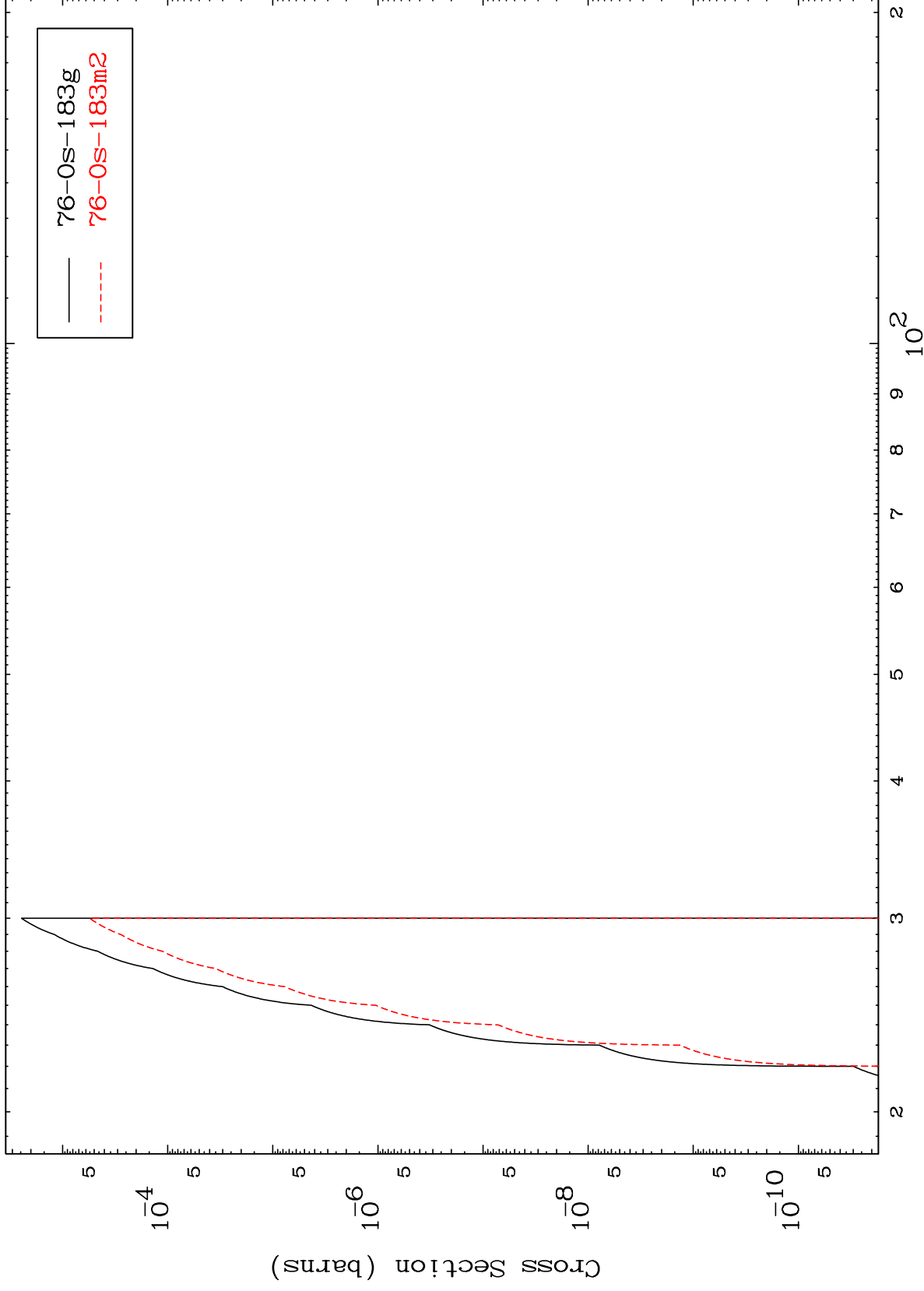


MAT 7711

(n,3n) p

⁷⁷Ir-186m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

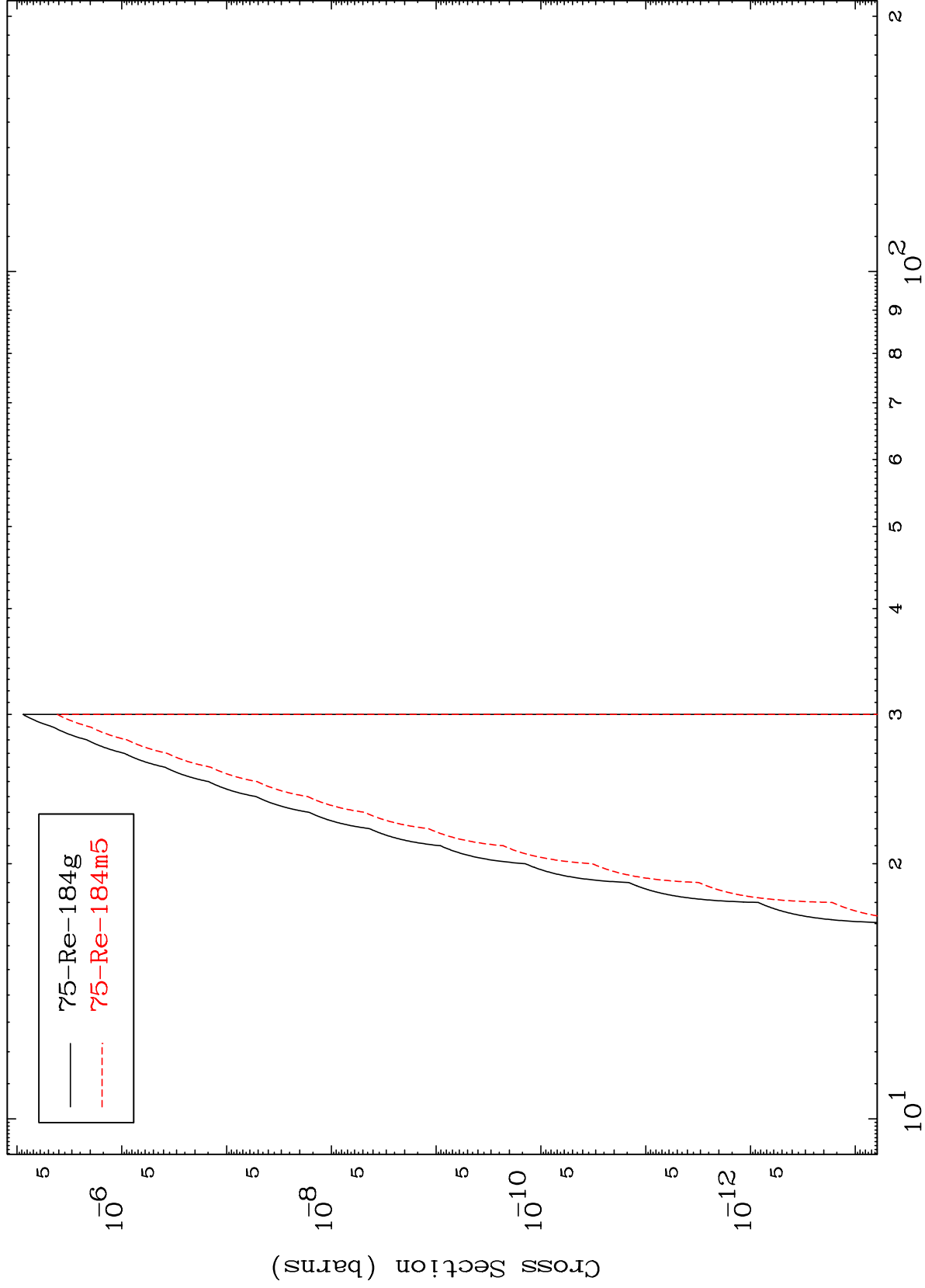
⁷⁷Ir-186m

MAT 7711

(n,2n) p

⁷⁷Ir-186m

Radionuclide Production Cross Section



Incident Energy (MeV)

⁷⁷Ir-186m

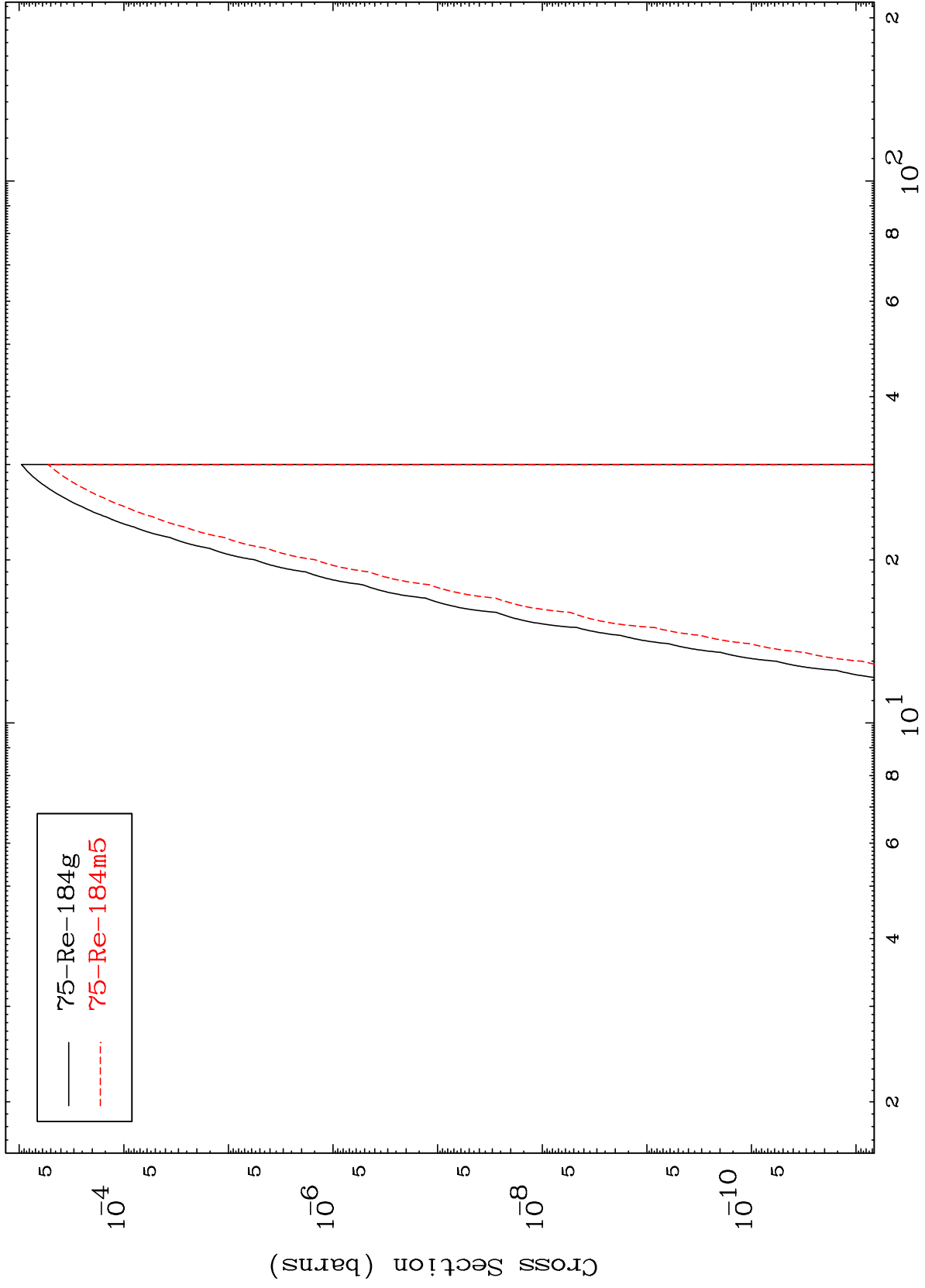
25

MAT 7711

(n,He-3)

⁷⁷Ir-186m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

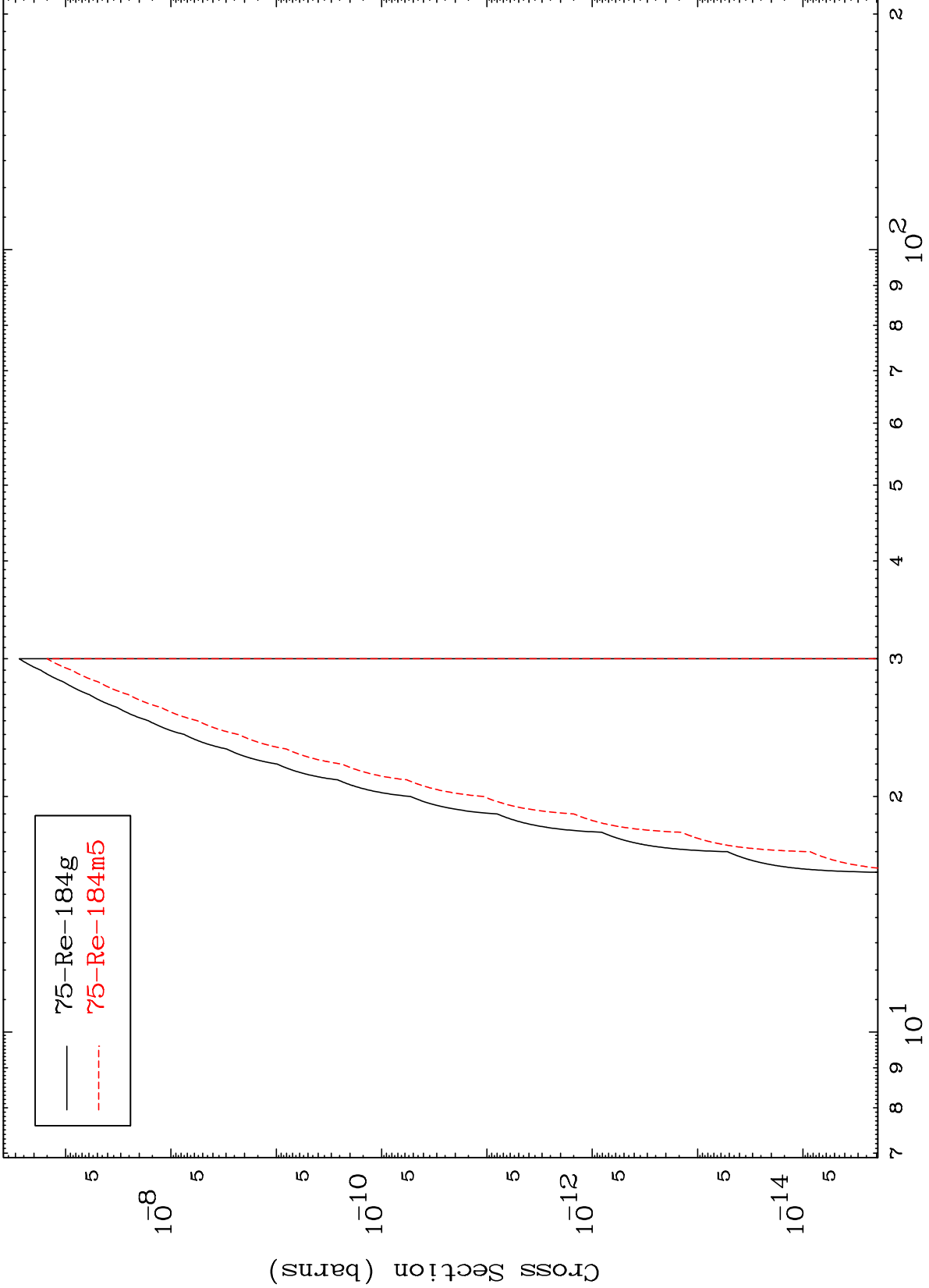
⁷⁷Ir-186m

MAT 7711

(n,p) d

⁷⁷Ir-186m

Radionuclide Production Cross Section



— 75-Re-184g
- - - 75-Re-184m5

27

Incident Energy (MeV)

⁷⁷Ir-186m