

Program EVALPLOT
(Version 2021-1)

by

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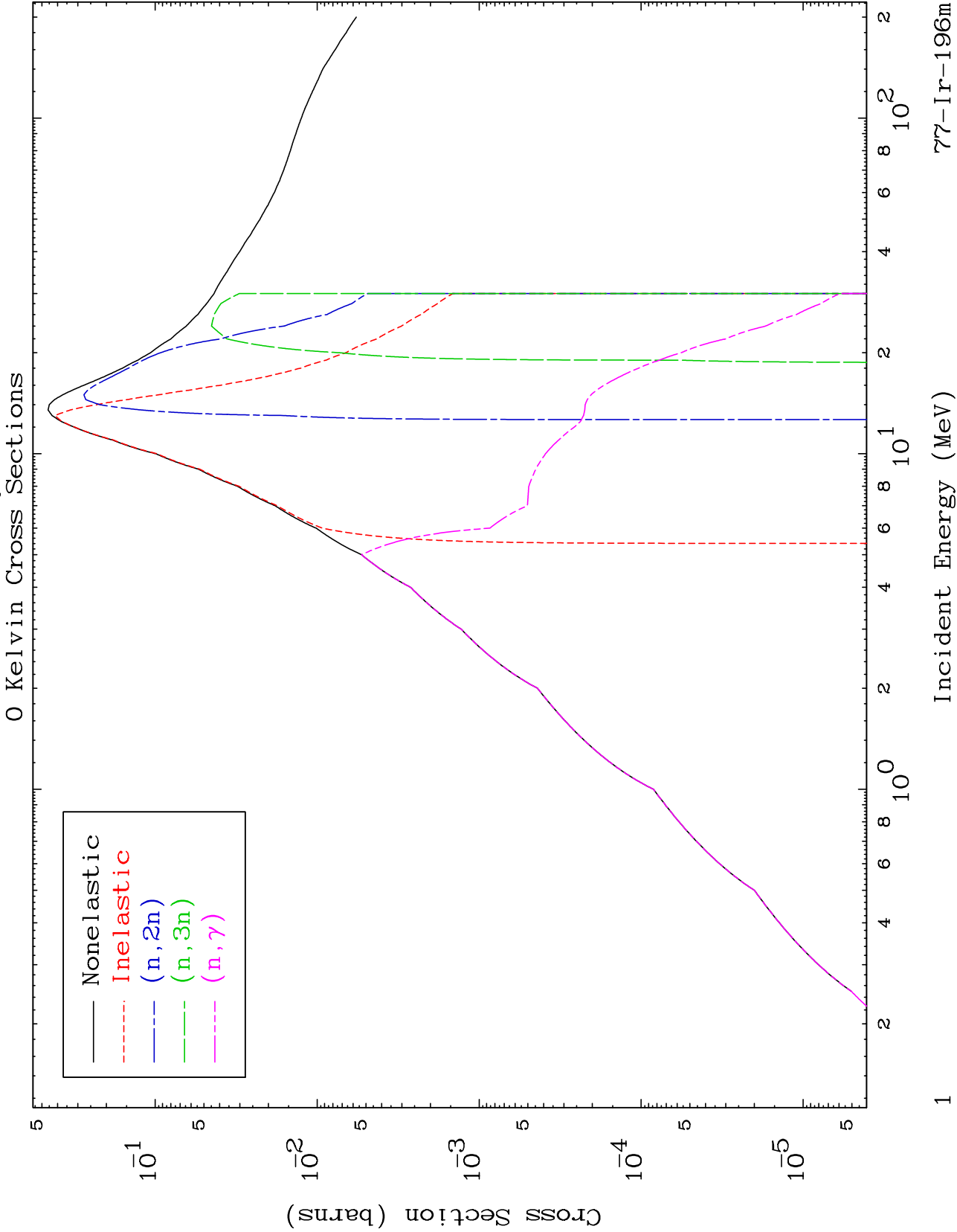
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7741

Photon Major

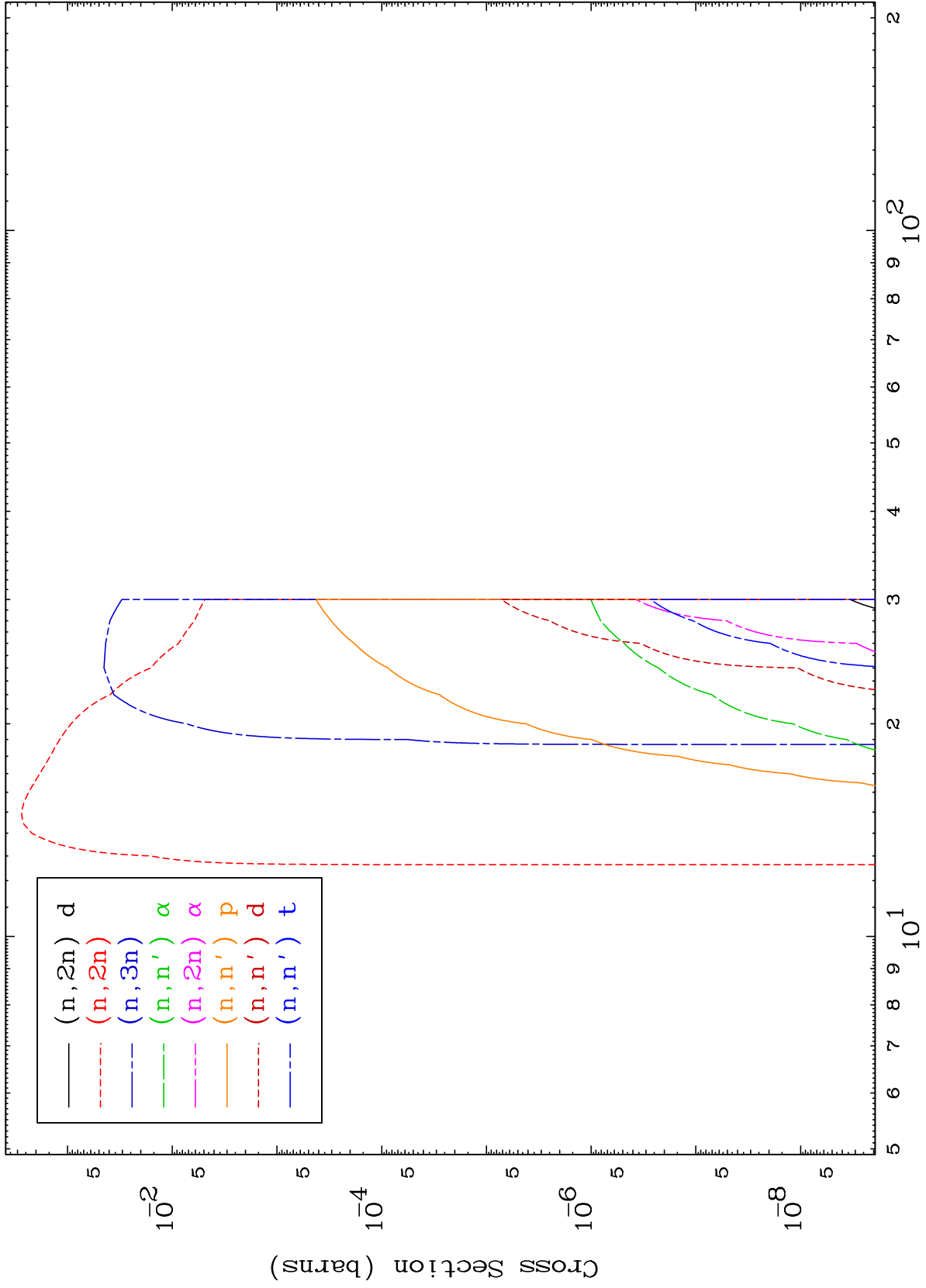
77-Ir-196m



MAT 7741

Photon Neutron Absorption
0 Kelvin Cross Sections

77-Ir-196m



2

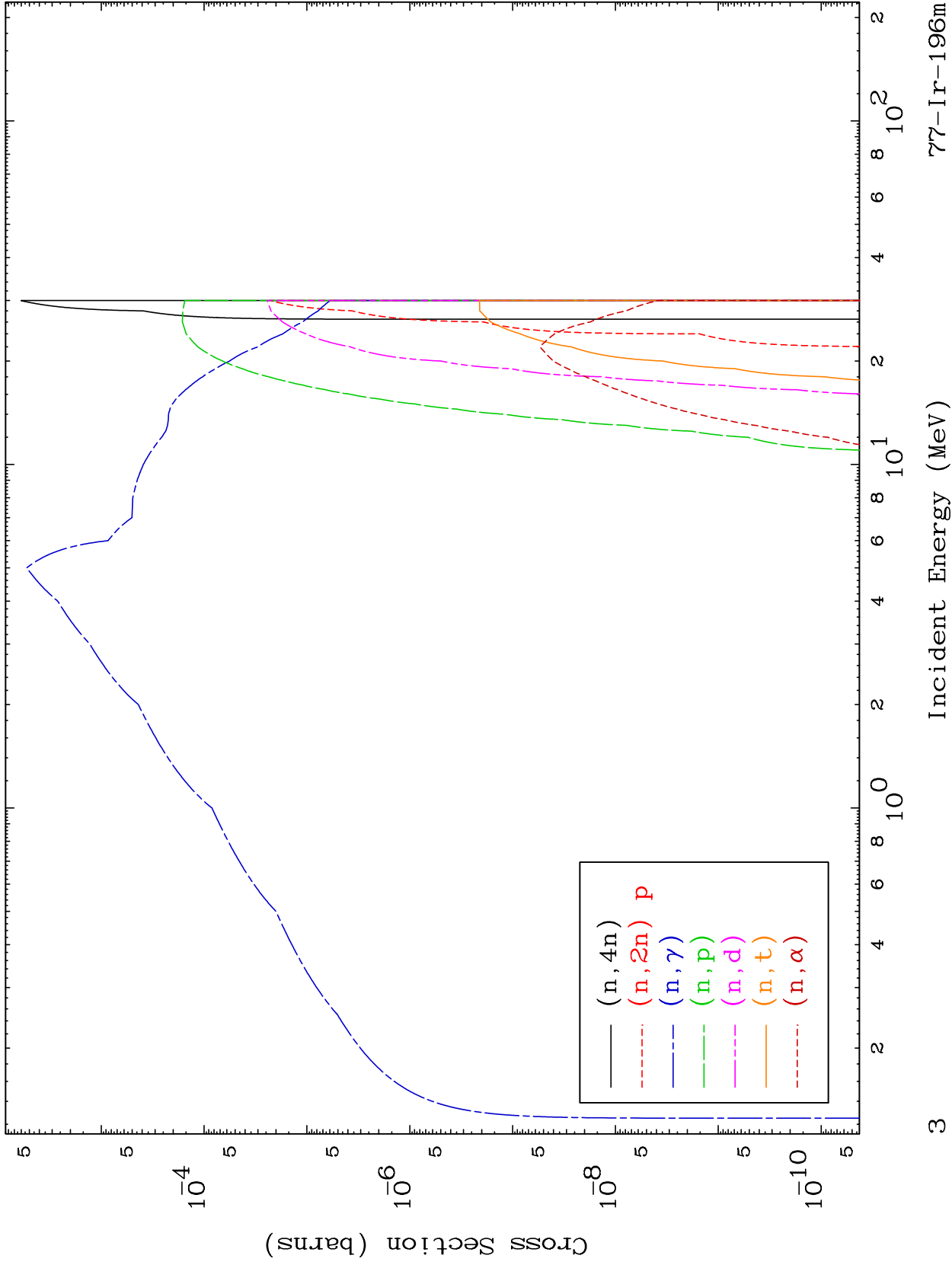
Incident Energy (MeV)

77-Ir-196m

MAT 7741

Photon Neutron Absorption
0 Kelvin Cross Sections

77-Ir-196m



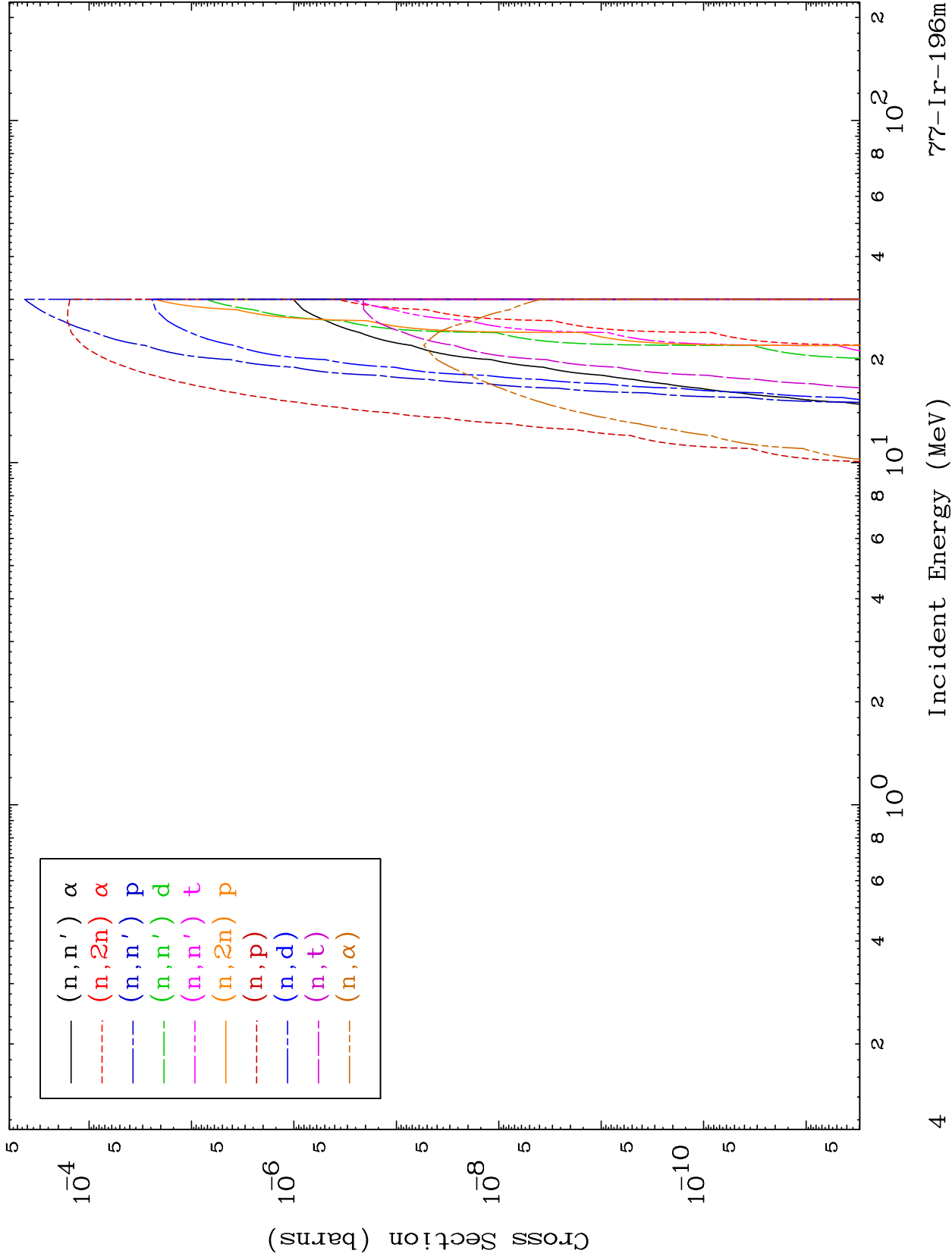
77-Ir-196m

Incident Energy (MeV)

MAT 7741

Photon Charged Particle
0 Kelvin Cross Sections

77-Ir-196m

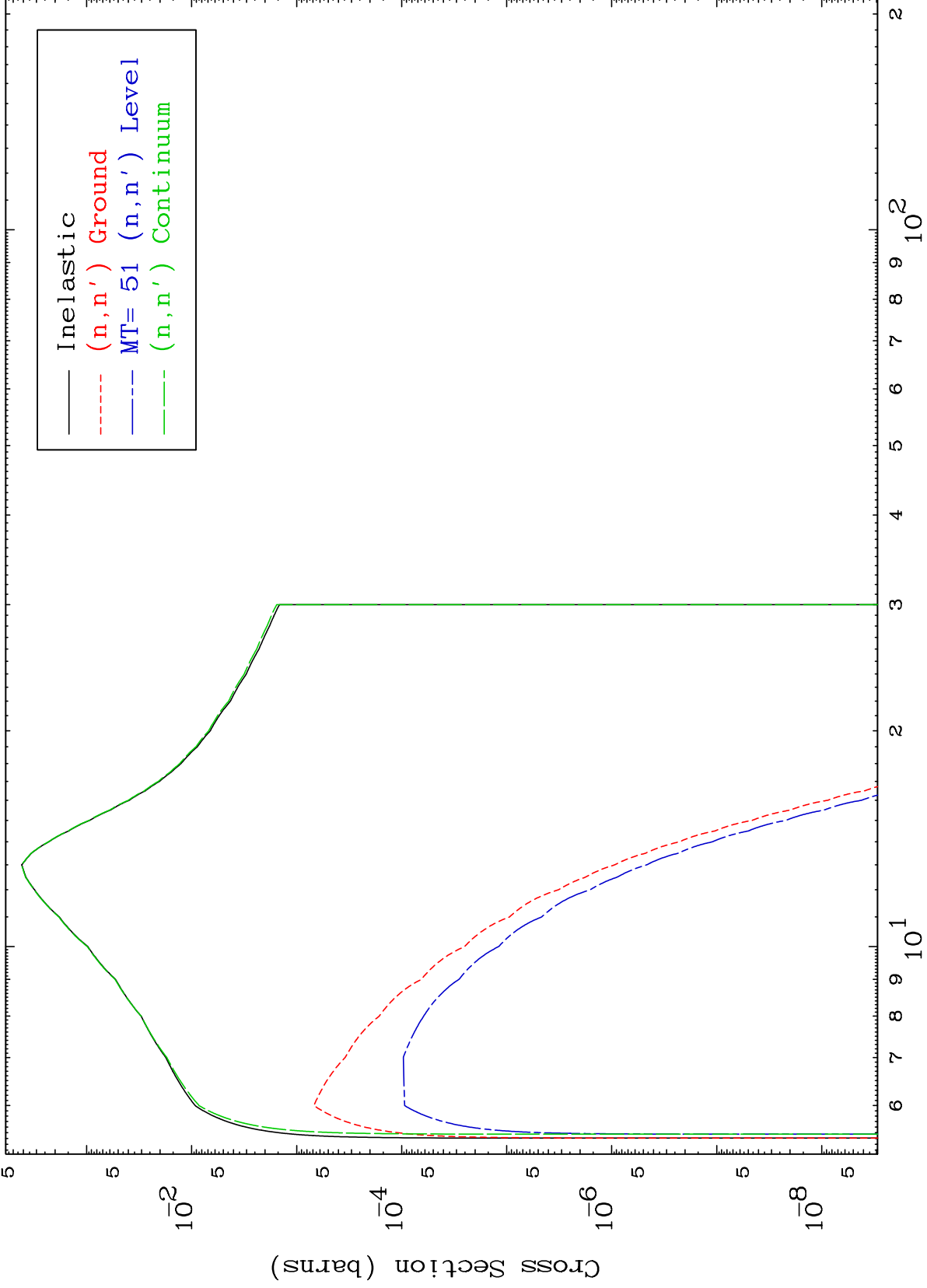


MAT 7741

(γ, n') Levels

77-Ir-196m

0 Kelvin Cross Sections



Incident Energy (MeV)

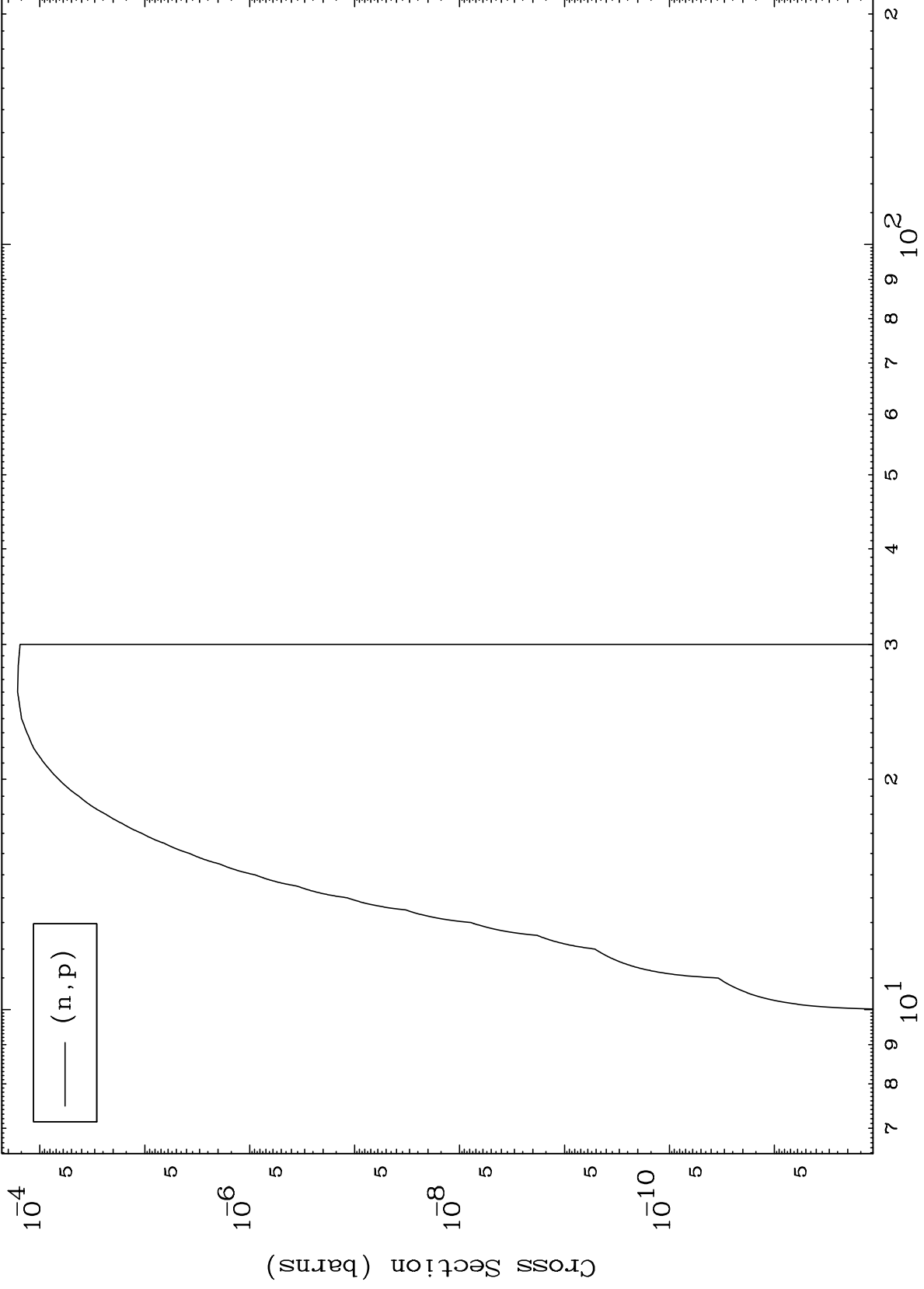
77-Ir-196m

5

MAT 7741

(γ, p) Levels
0 Kelvin Cross Sections

77-Ir-196m



6

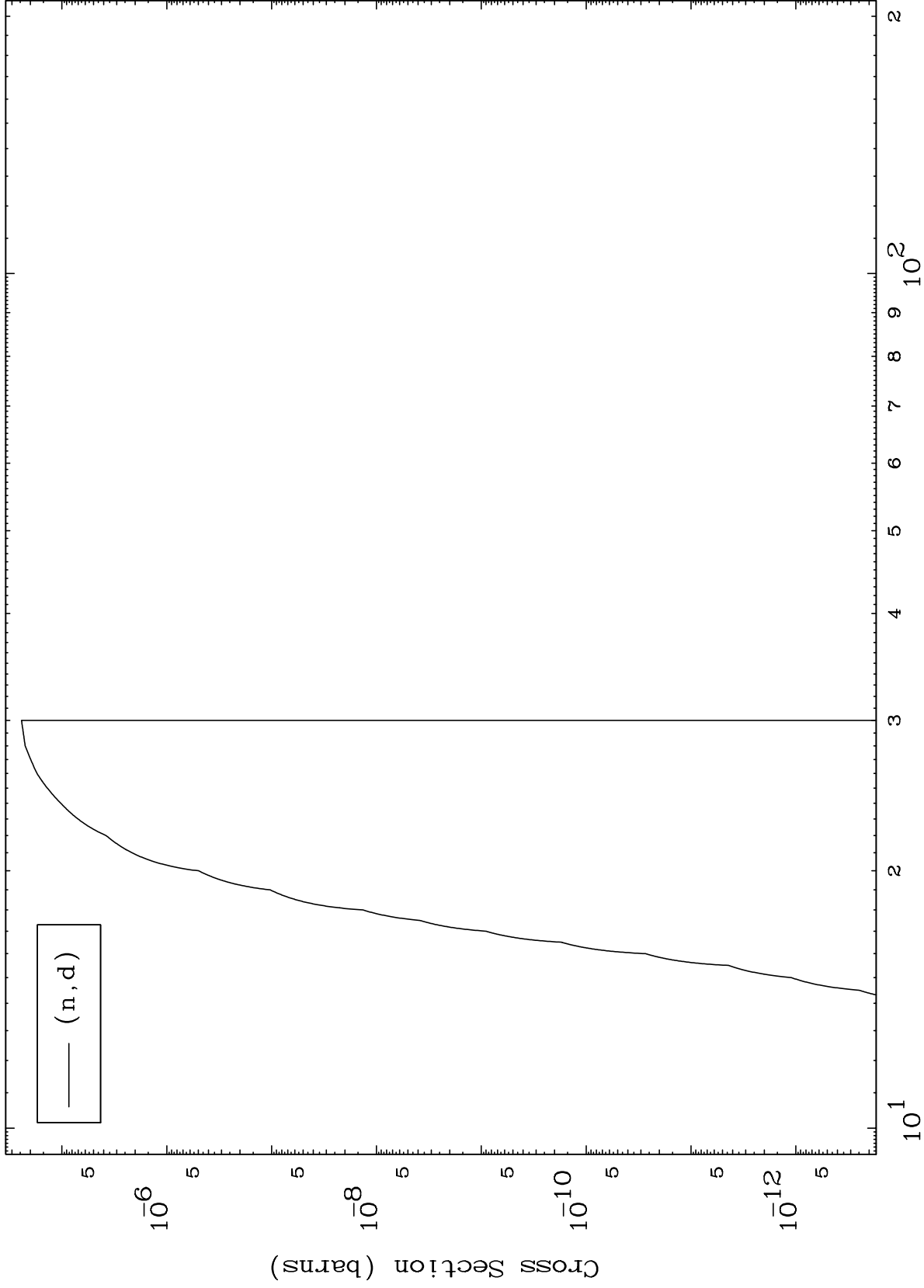
Incident Energy (MeV)

77-Ir-196m

MAT 7741

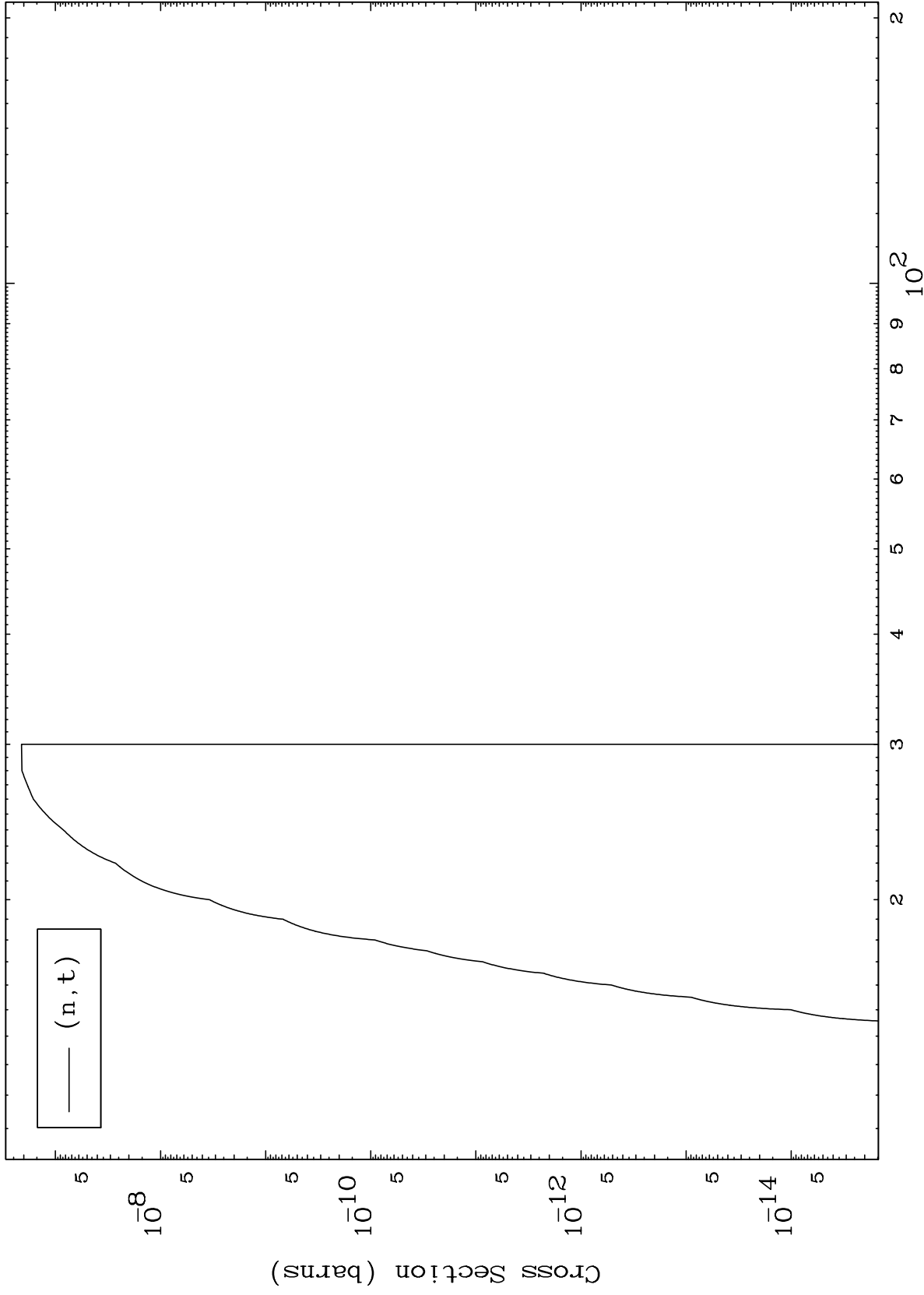
(γ, d) Levels
0 Kelvin Cross Sections

77-Ir-196m



Incident Energy (MeV)

77-Ir-196m

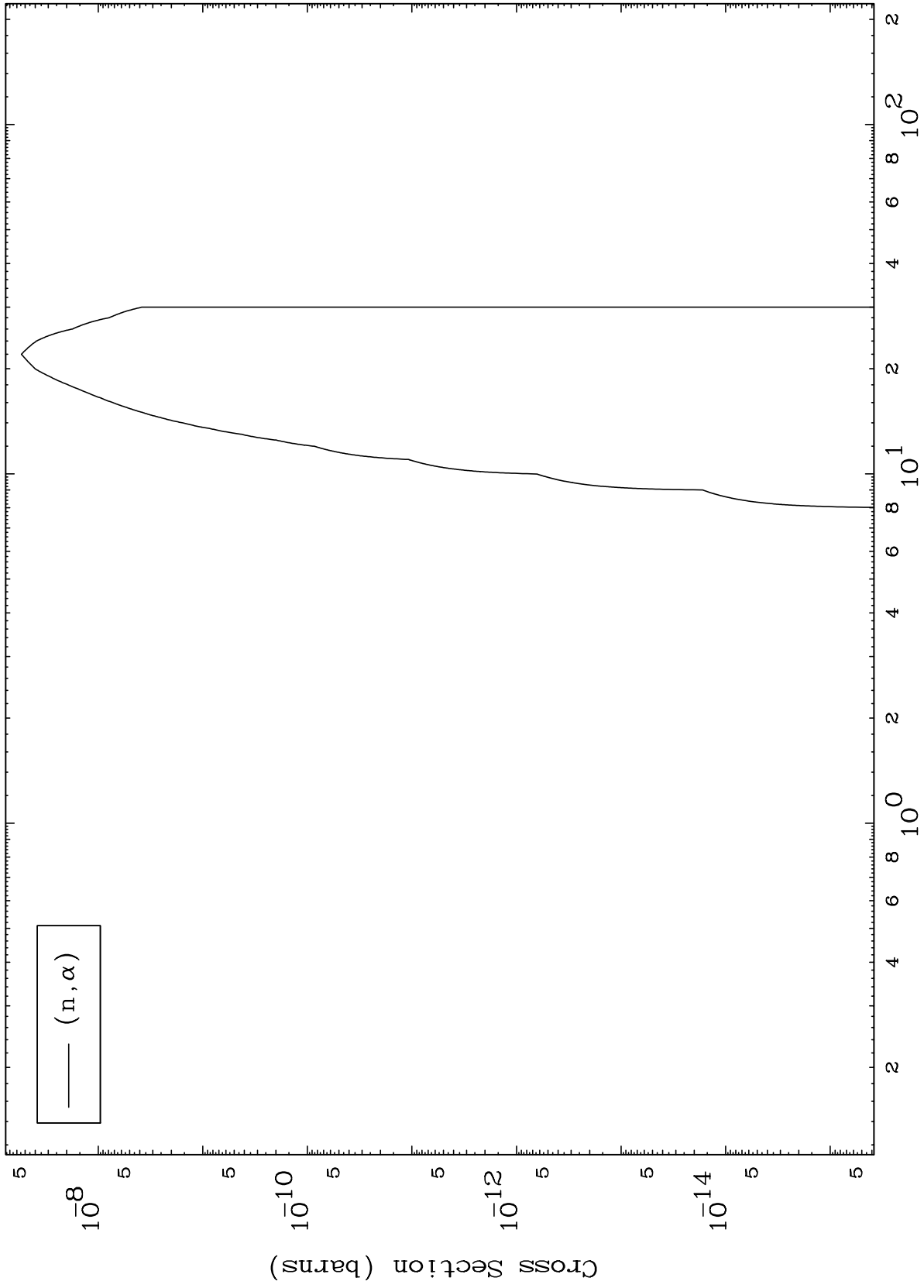


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(γ, α) Levels

77-Ir-196m

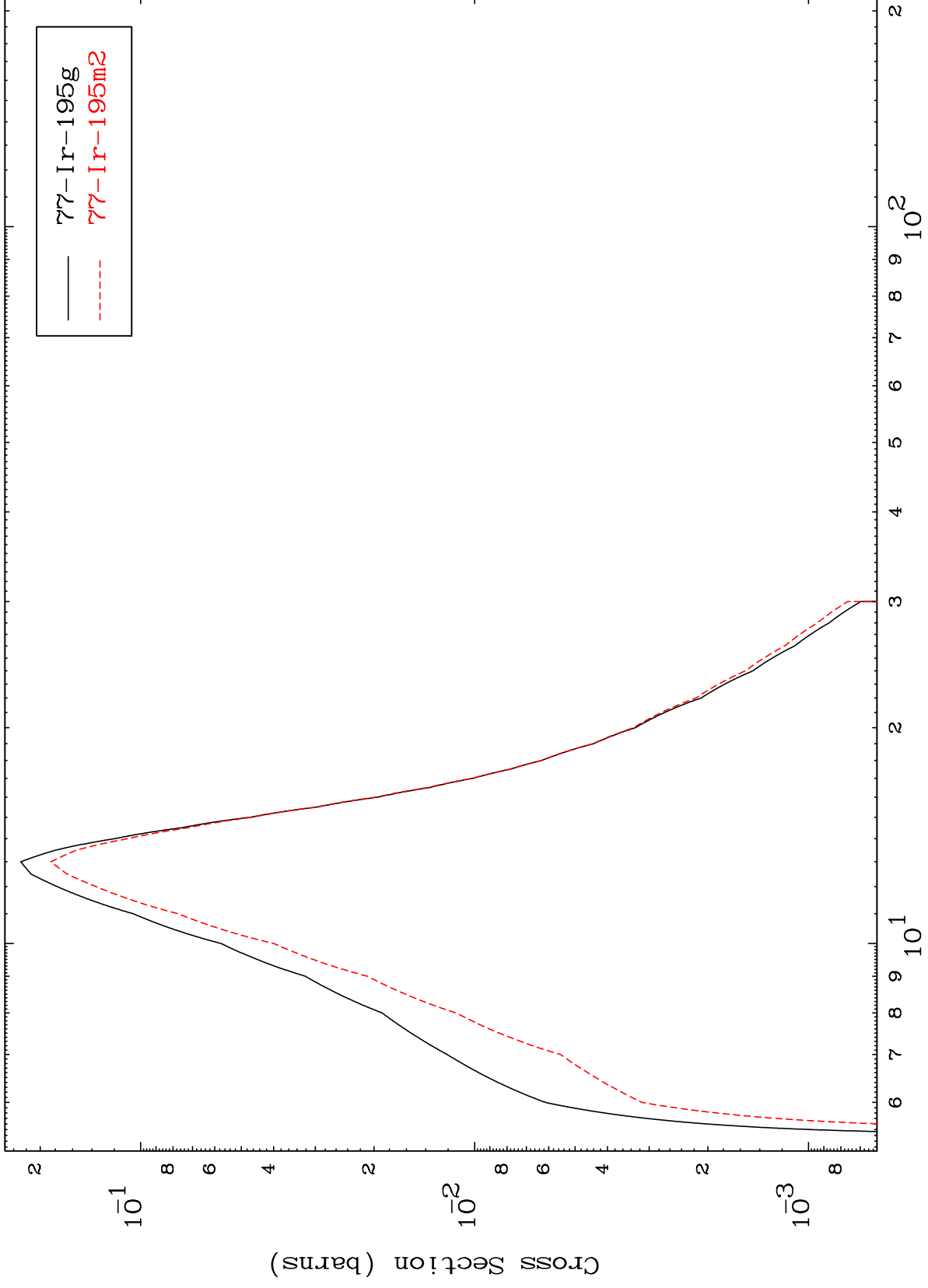
0 Kelvin Cross Sections



MAT 7741

77-Ir-196m

Inelastic
Radionuclide Production Cross Section



10

Incident Energy (MeV)

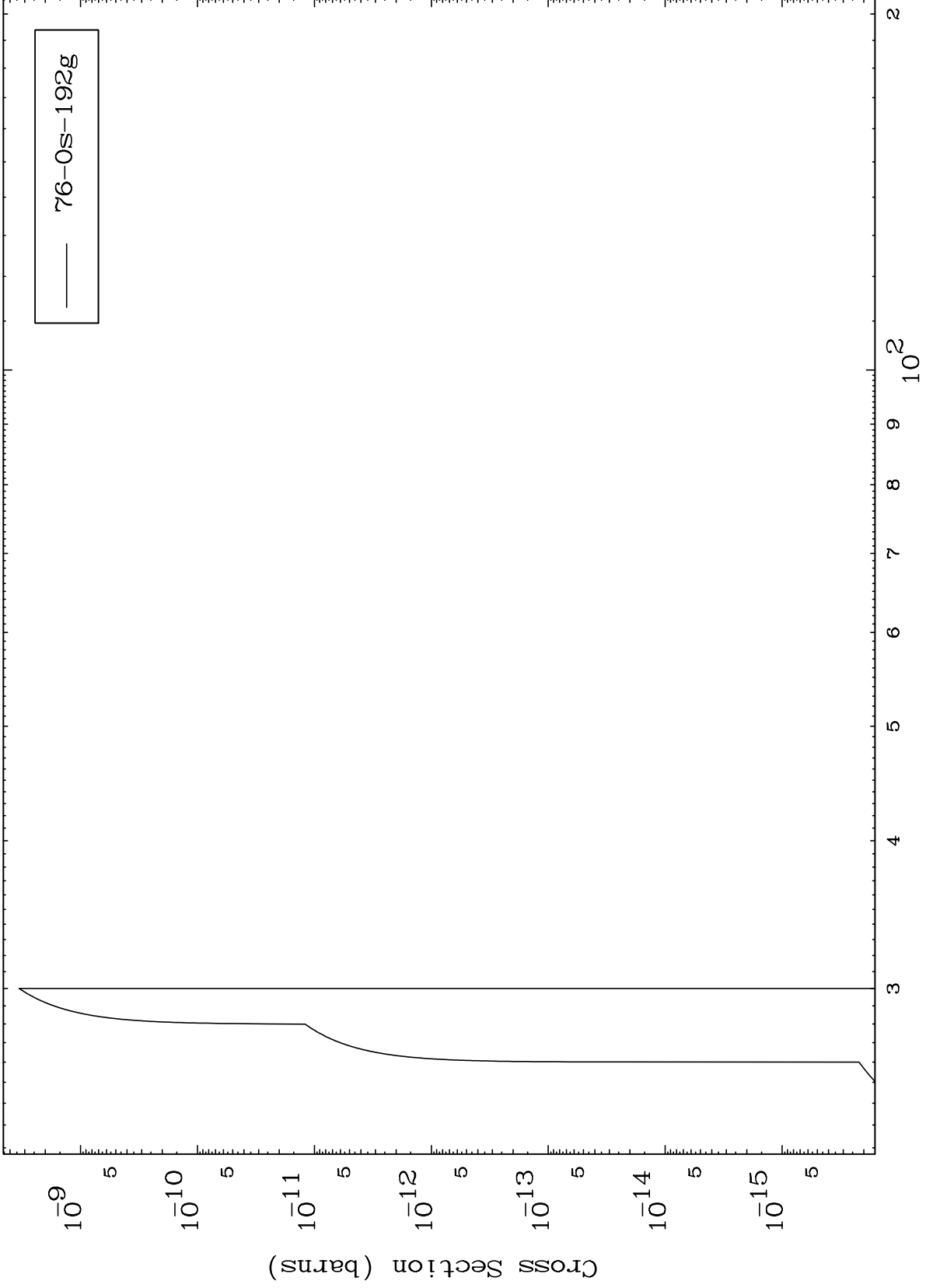
77-Ir-196m

MAT 7741

(n,2n) d

77-Ir-196m

Radionuclide Production Cross Section



11

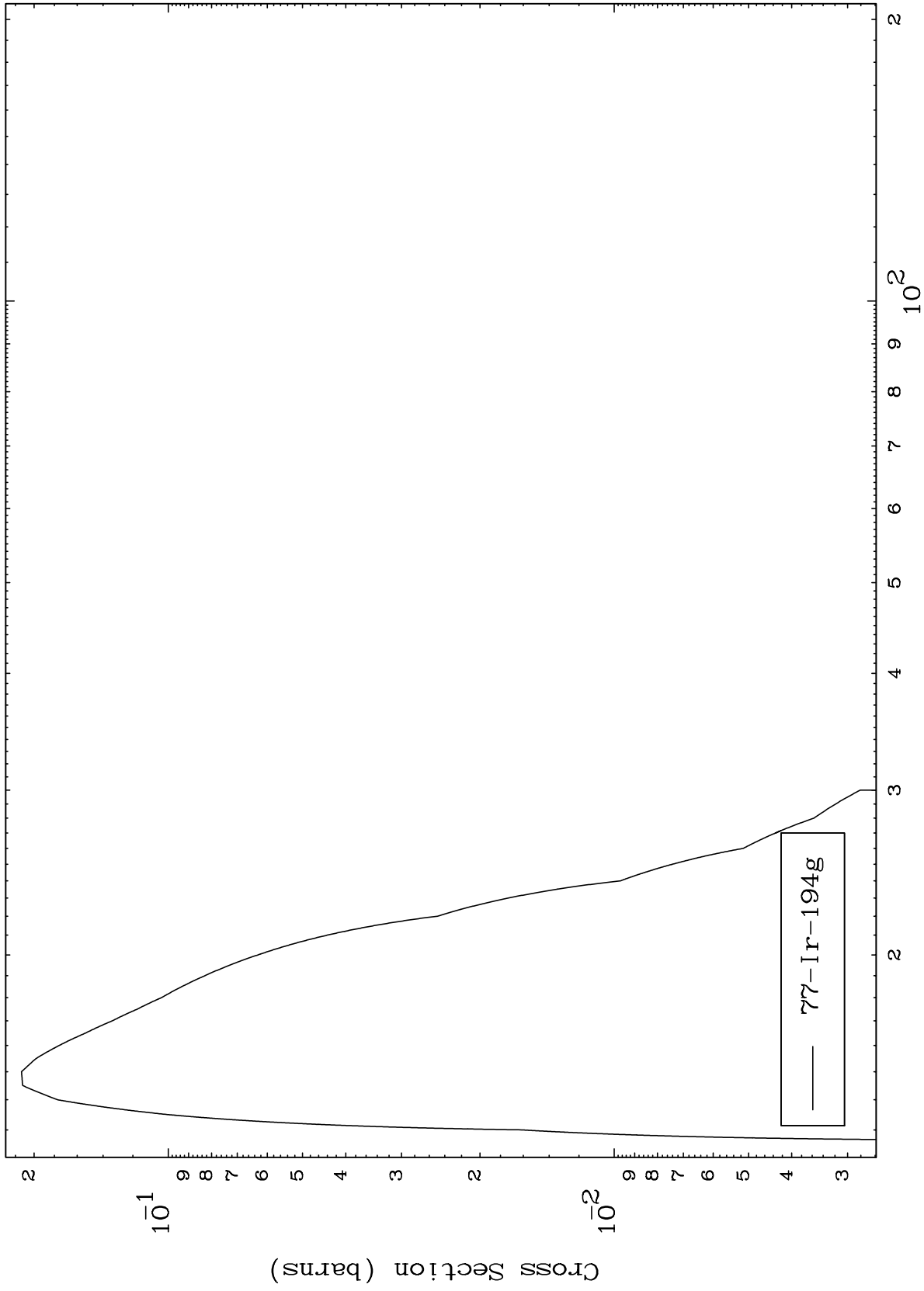
Incident Energy (MeV)

77-Ir-196m

MAT 7741

77-Ir-196m

(n,2n)
Radionuclide Production Cross Section



77-Ir-194g

77-Ir-196m

Incident Energy (MeV)

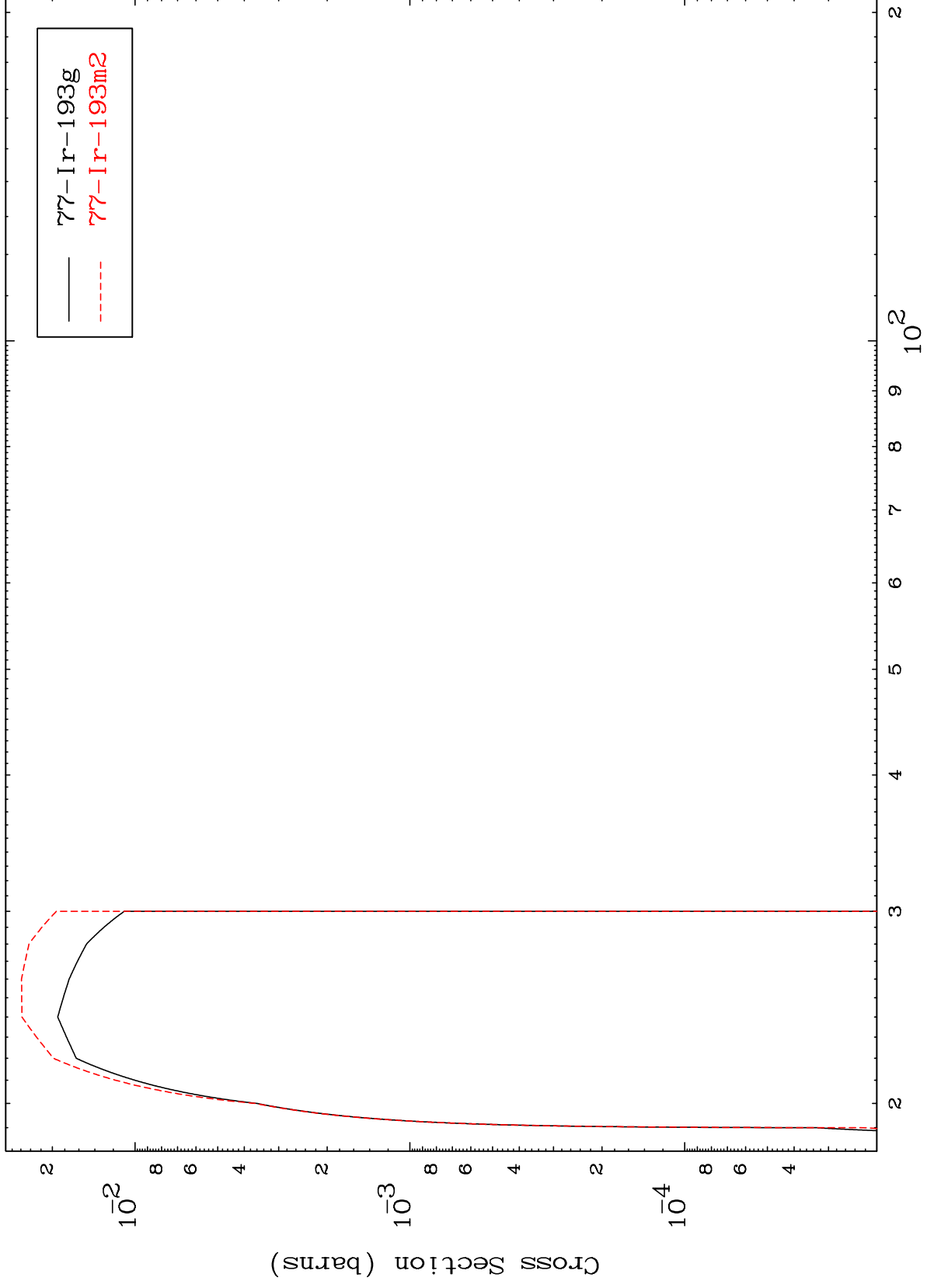
12

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(n,3n)

⁷⁷Ir-196m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

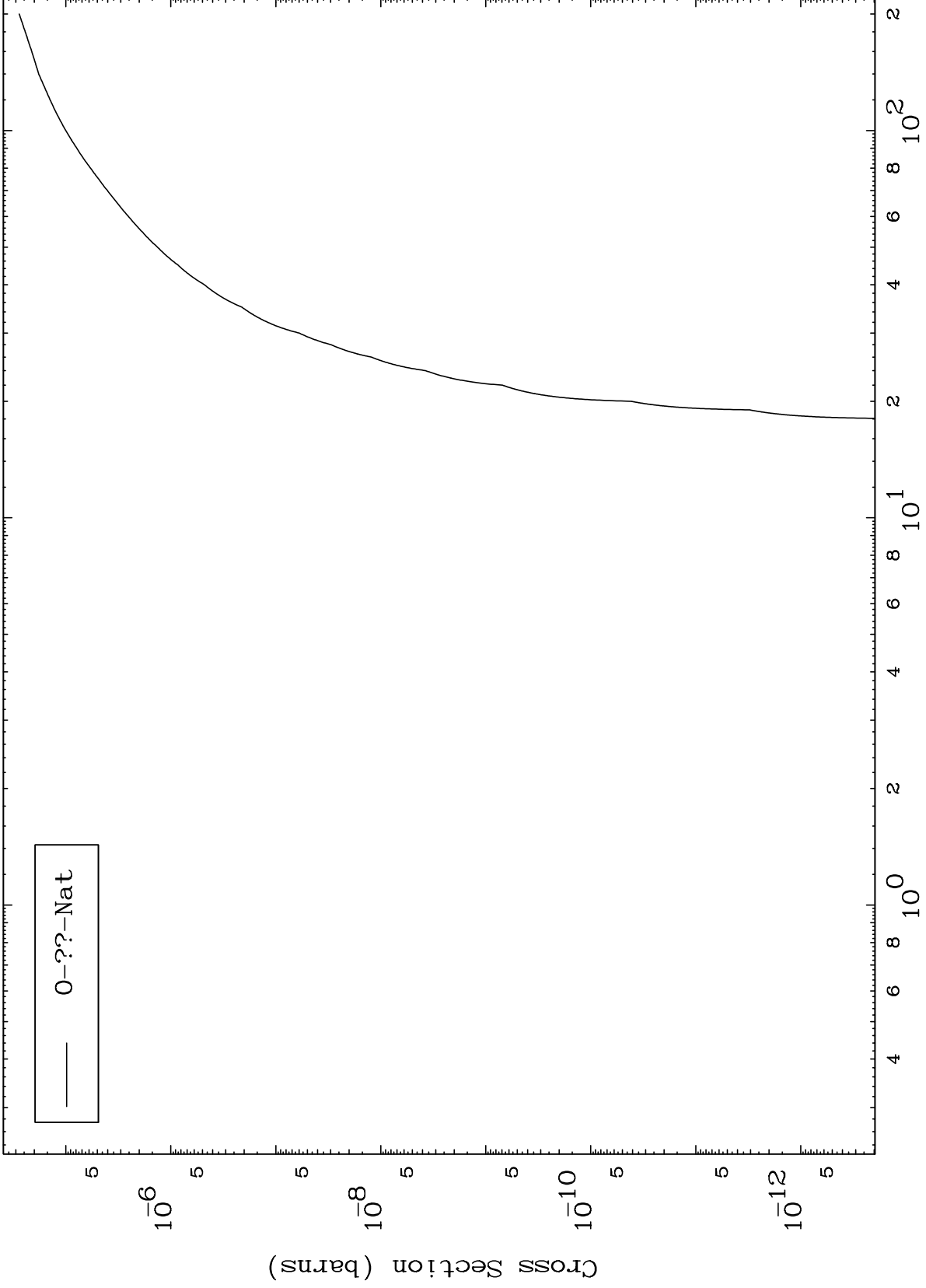
⁷⁷Ir-196m

MAT 7741

Fission

⁷⁷Ir-196m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

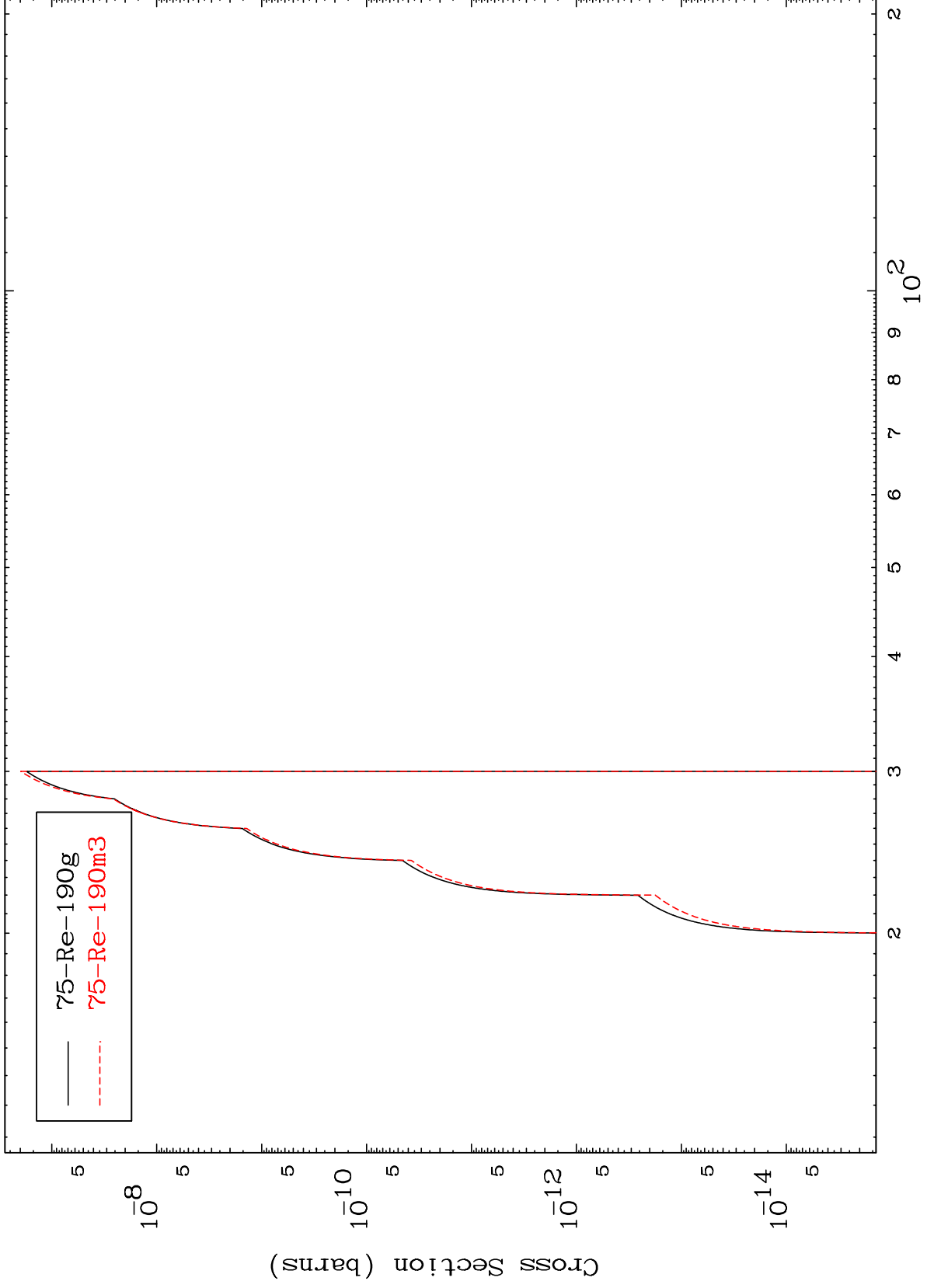
⁷⁷Ir-196m

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(n,2n) α

77-Ir-196m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

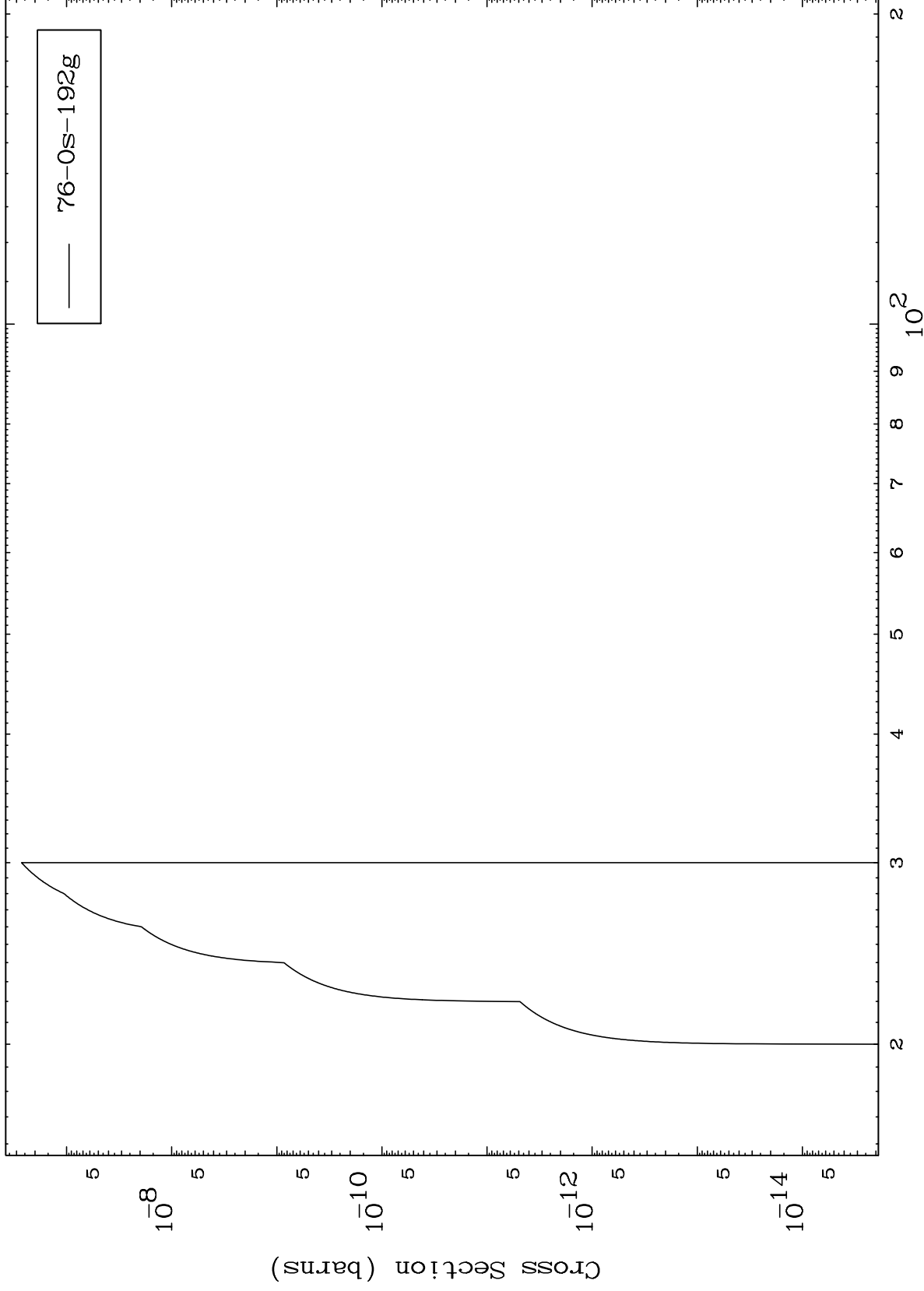
77-Ir-196m

MAT 7741

(n,n') t

77-Ir-196m

Radionuclide Production Cross Section



16

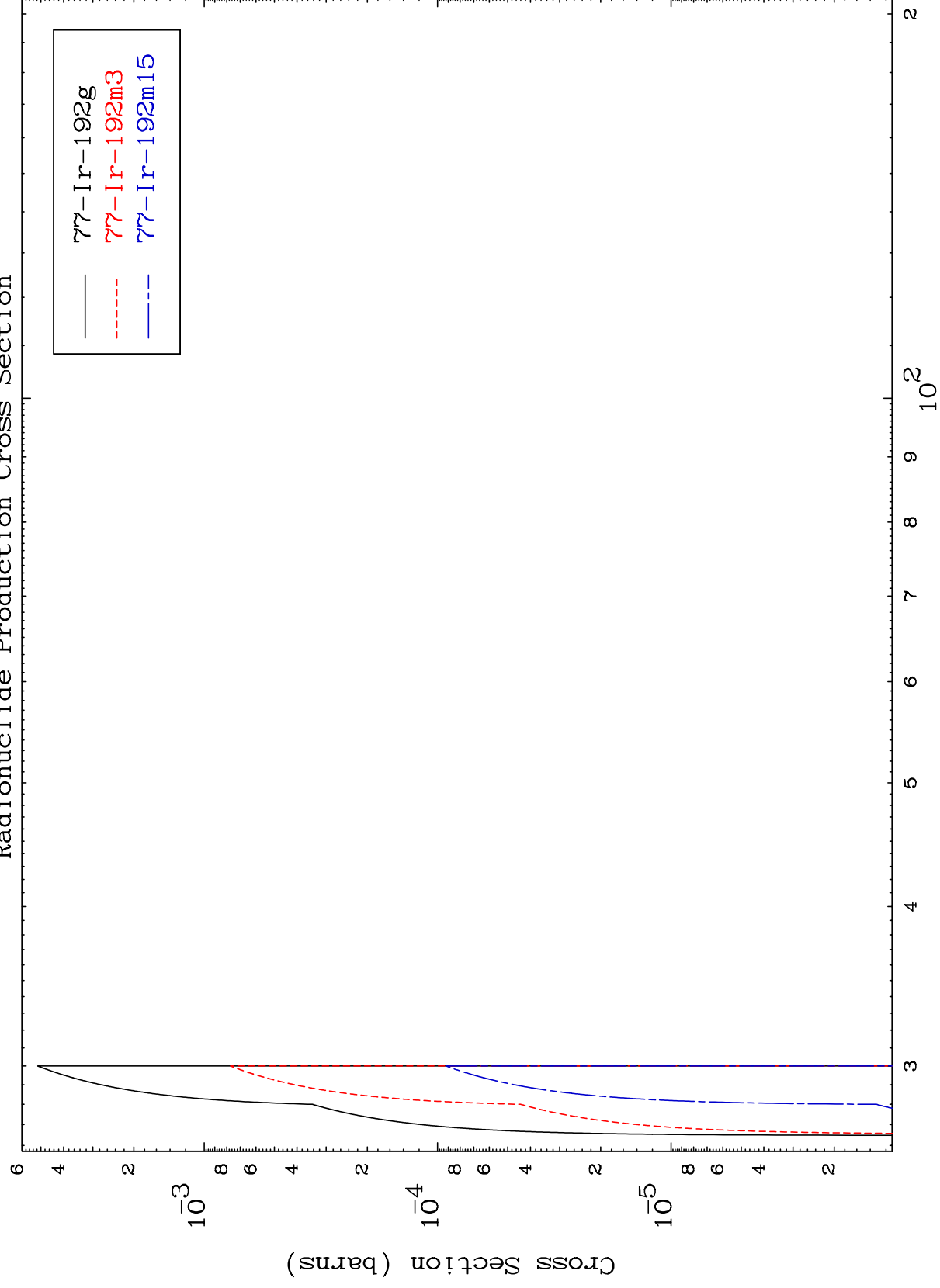
Incident Energy (MeV)

77-Ir-196m

MAT 7741

77-Ir-196m

(n,4n)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

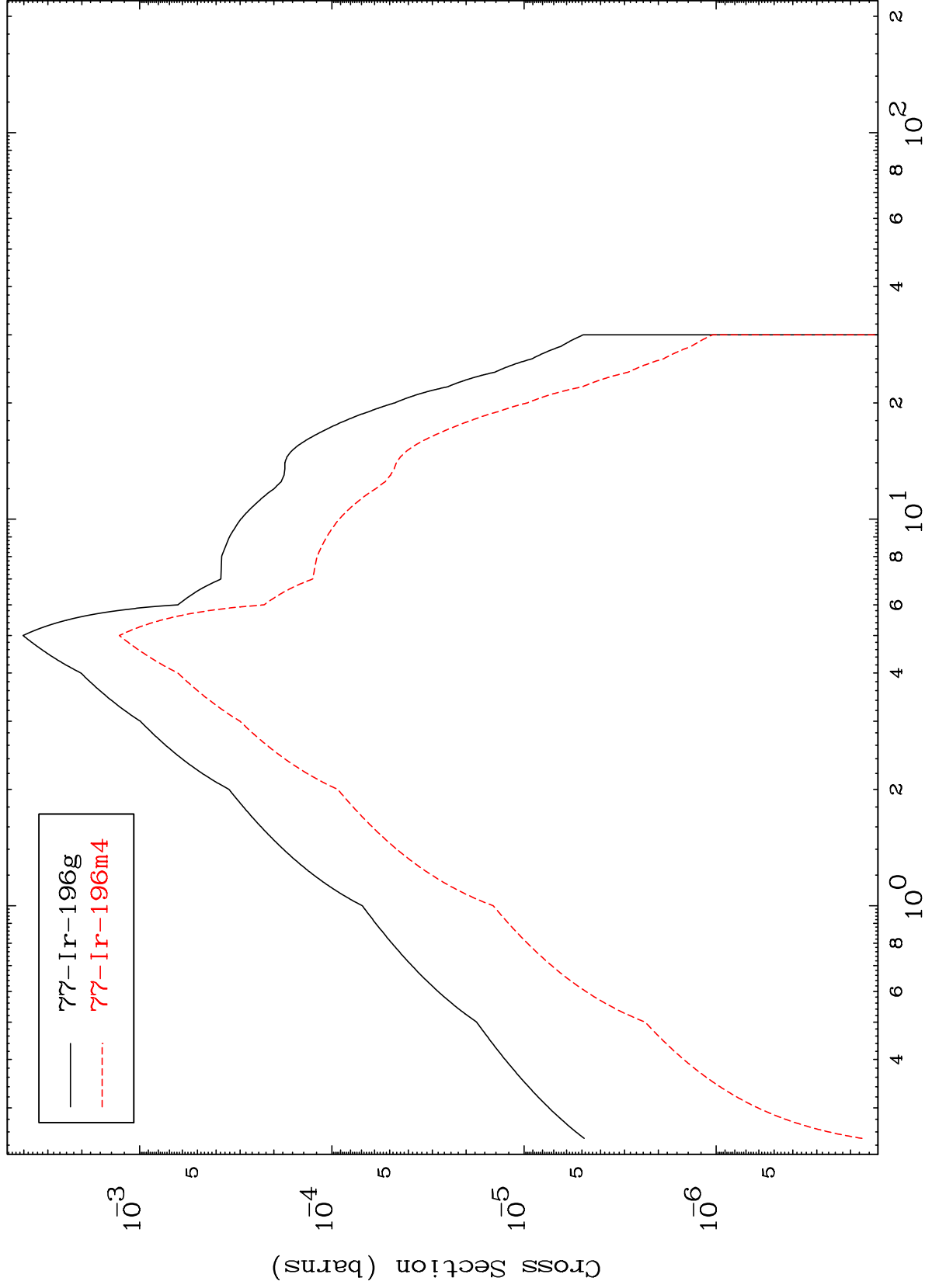
77-Ir-196m

MAT 7741

⁷⁷Ir-196m

Radionuclide Production Cross Section

(n, γ)



18

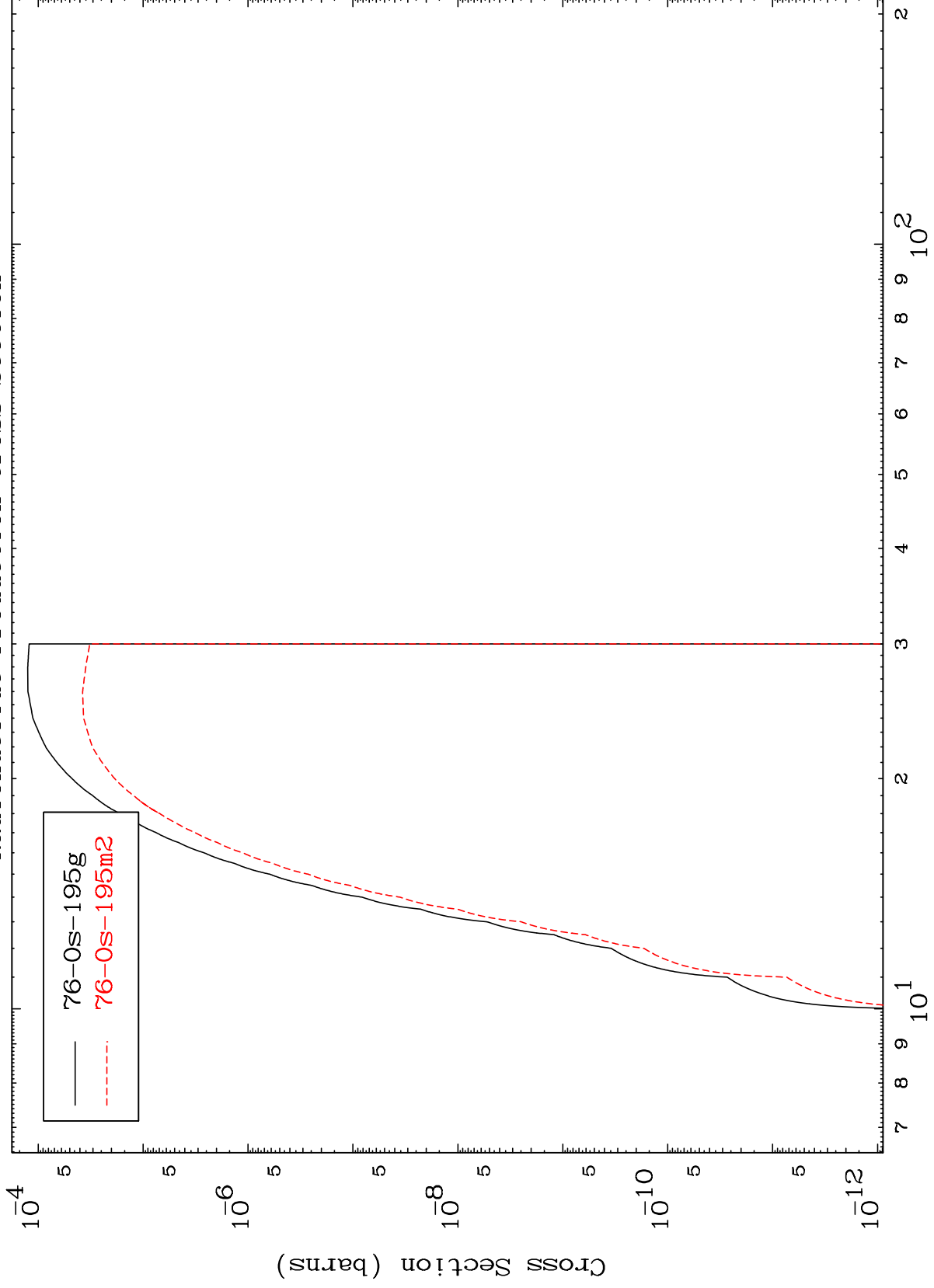
Incident Energy (MeV)

⁷⁷Ir-196m

MAT 7741

77-Ir-196m

Radionuclide Production Cross Section (n,p)



19

Incident Energy (MeV)

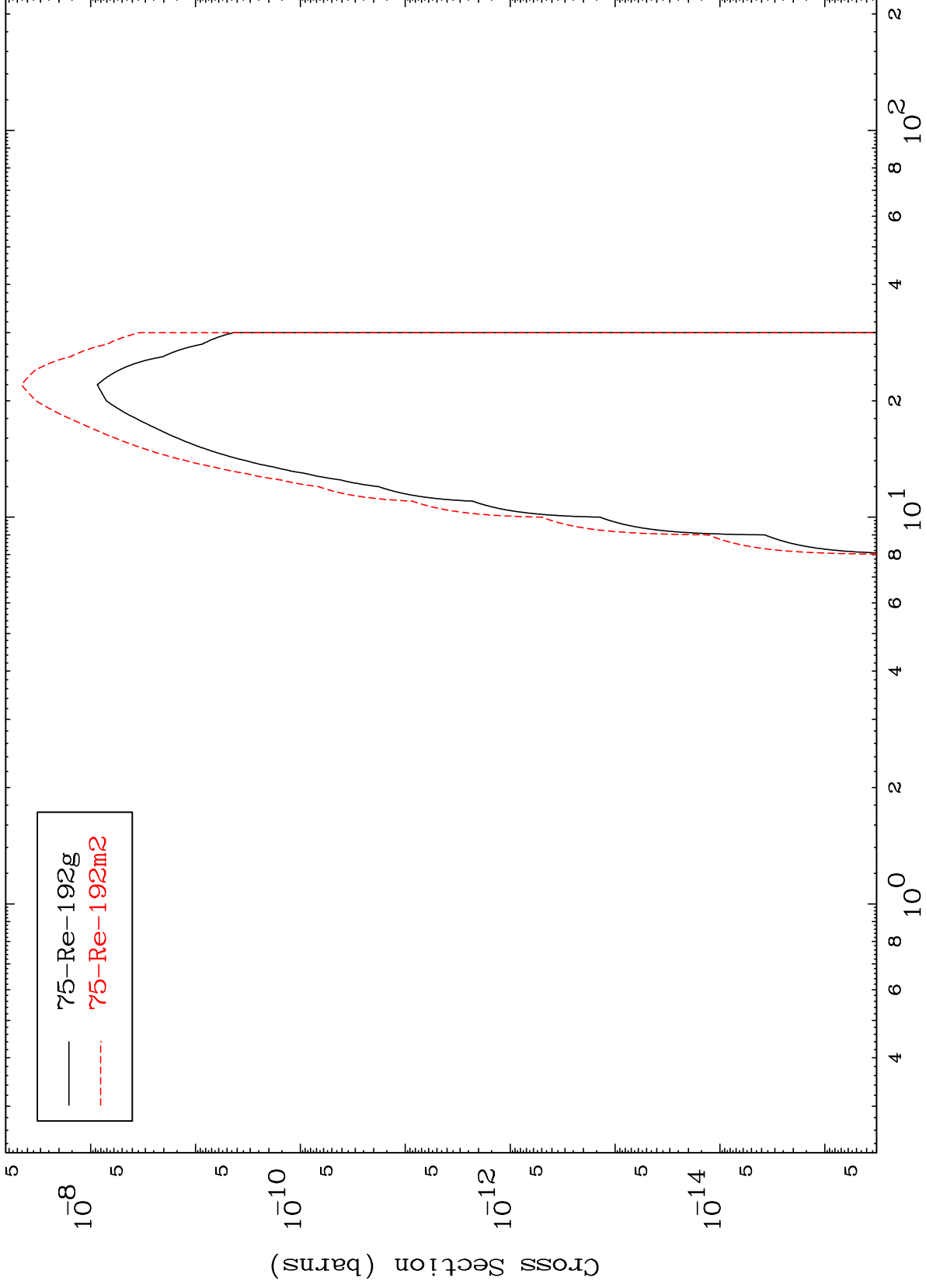
77-Ir-196m

MAT 7741

(n, α)

⁷⁷Ir-196m

Radionuclide Production Cross Section



Incident Energy (MeV)

⁷⁷Ir-196m