

Program EVALPLOT
(Version 2021-1)

by

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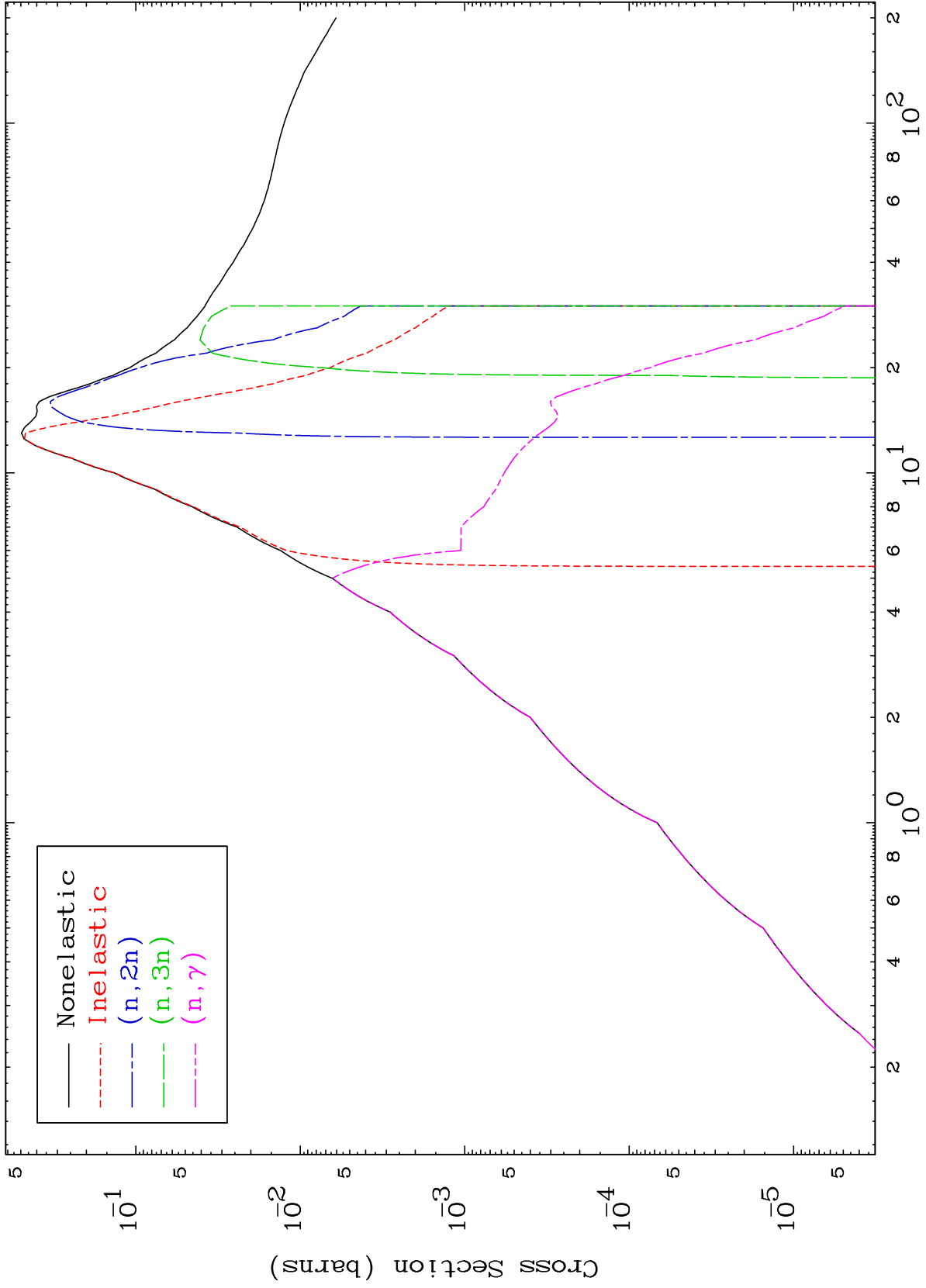
Press Mouse Button to Start

MAT 7741

Photon Major

77-Ir-196m

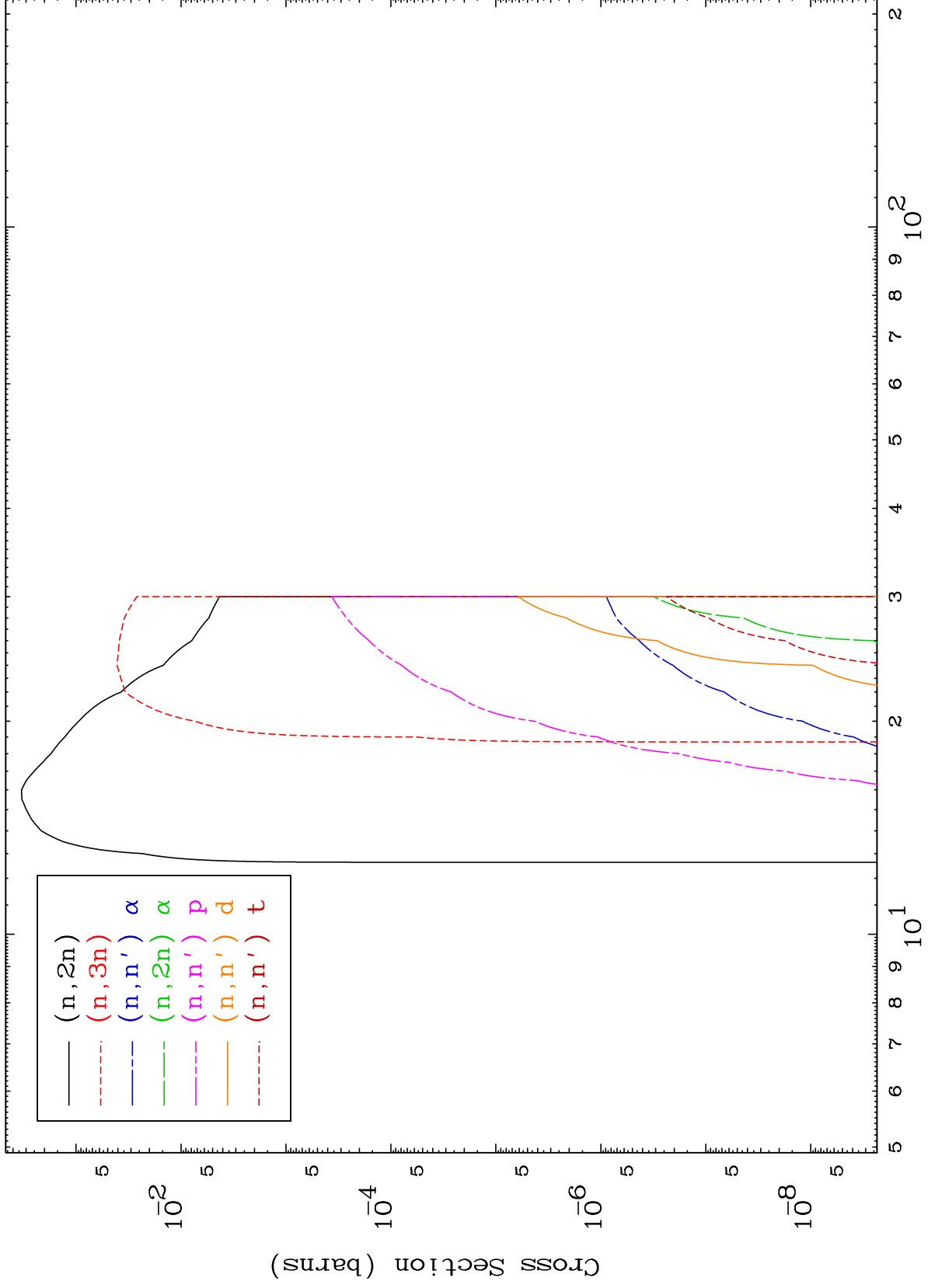
0 Kelvin Cross Sections



MAT 7741

Photon Neutron Absorption
0 Kelvin Cross Sections

77-Ir-196m



2

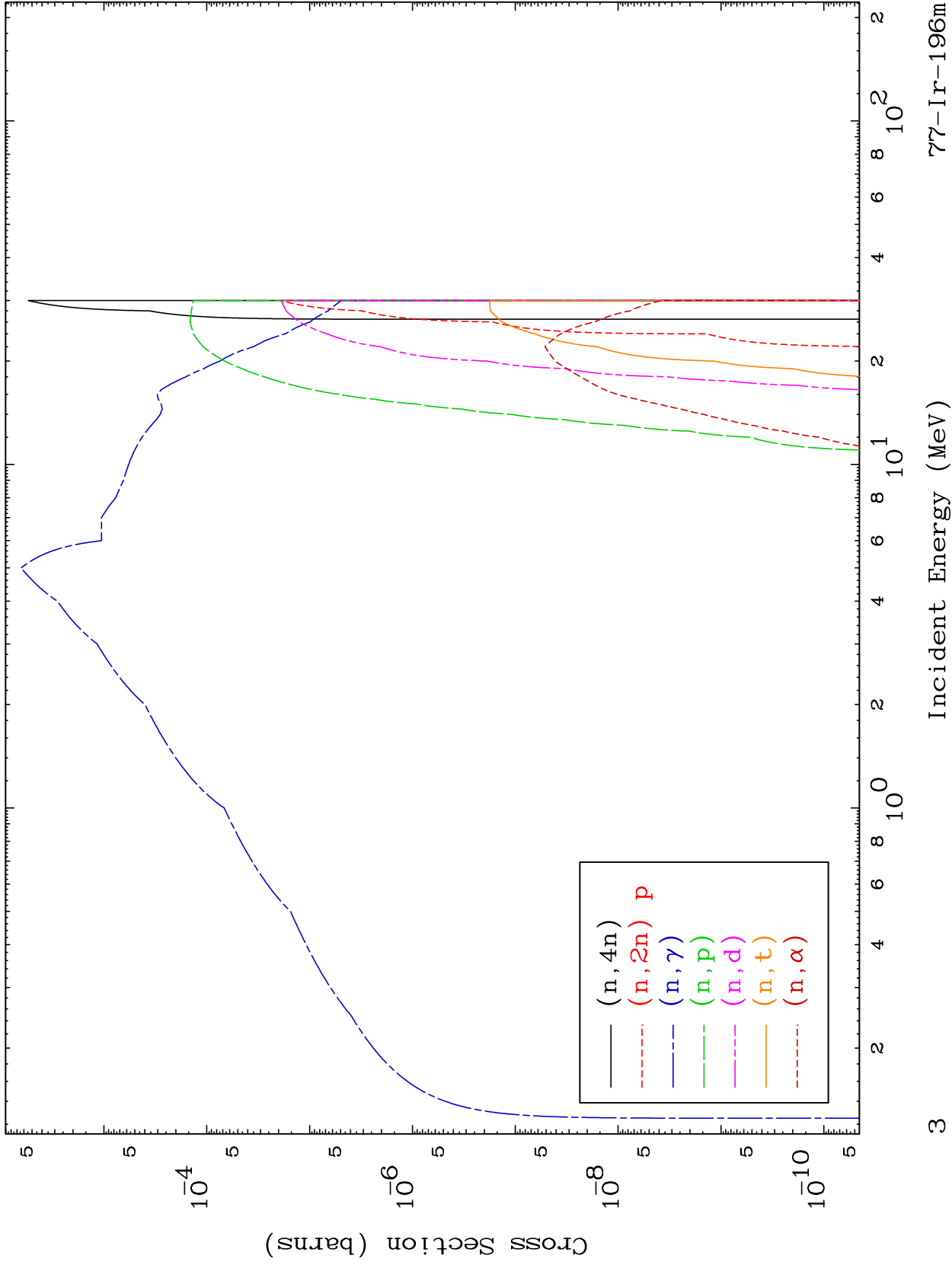
Incident Energy (MeV)

77-Ir-196m

MAT 7741

Photon Neutron Absorption
0 Kelvin Cross Sections

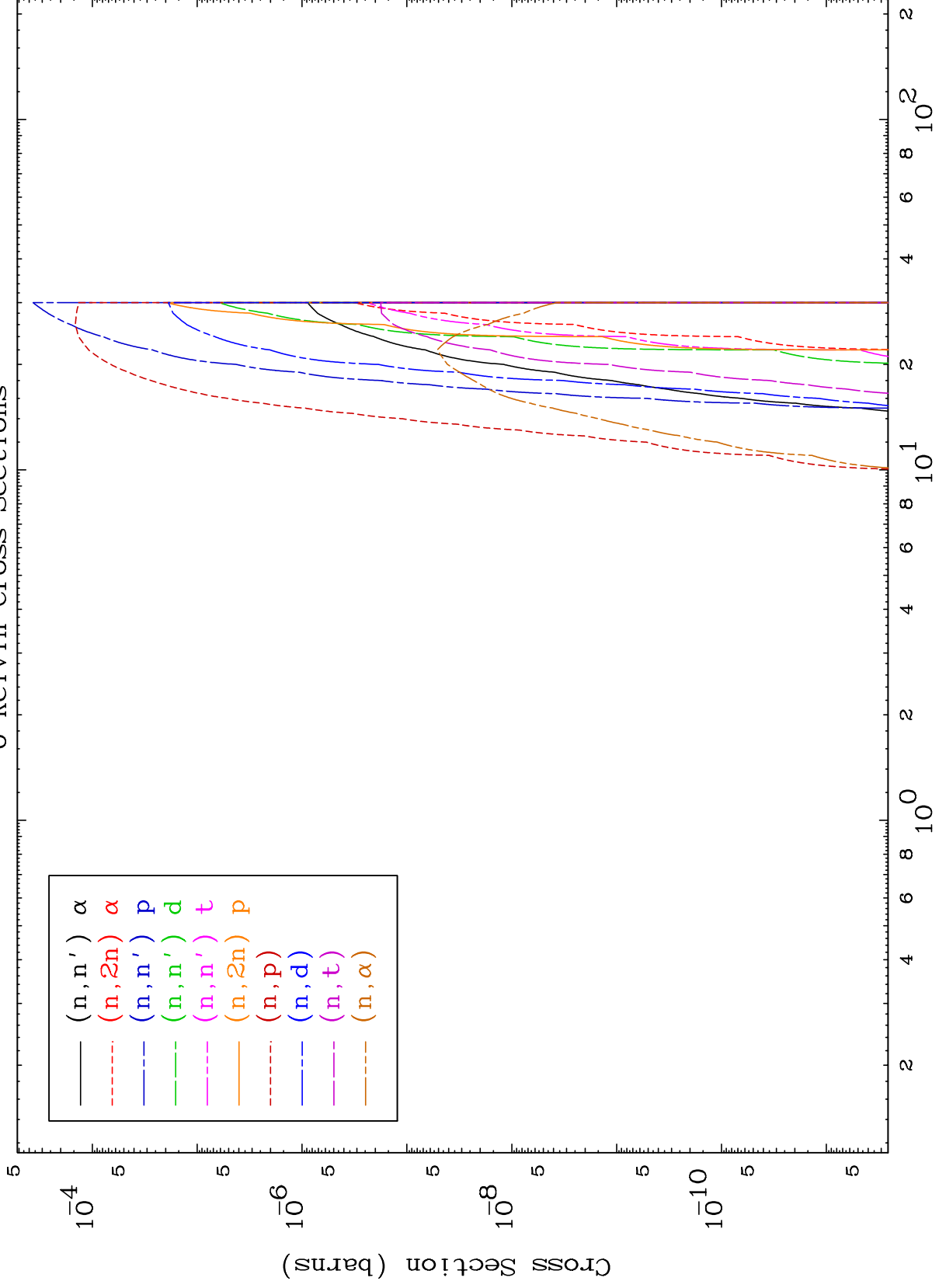
77-Ir-196m



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Photon Charged Particle
0 Kelvin Cross Sections

77-Ir-196m

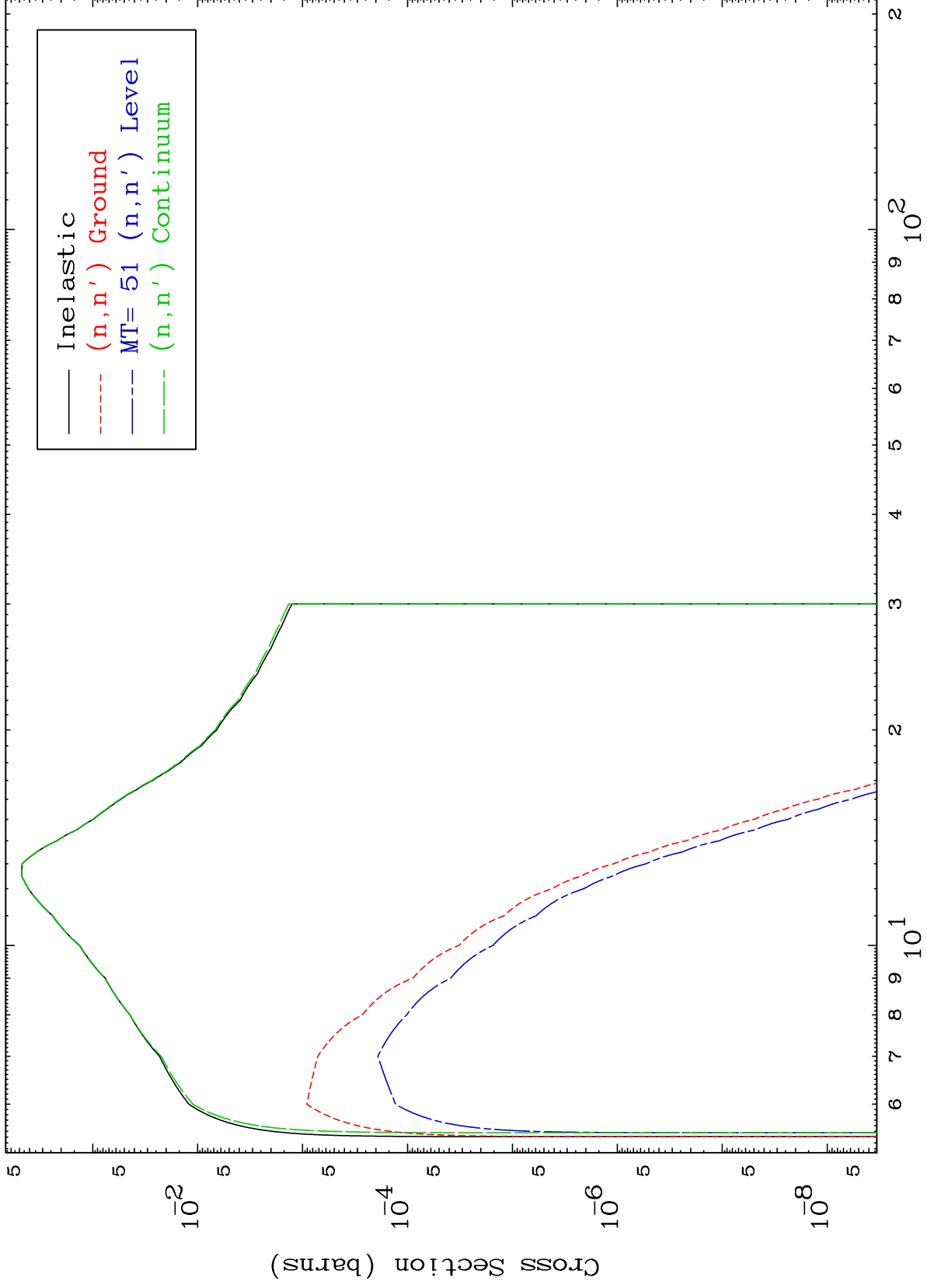


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(γ, n') Levels

77-Ir-196m

0 Kelvin Cross Sections



5

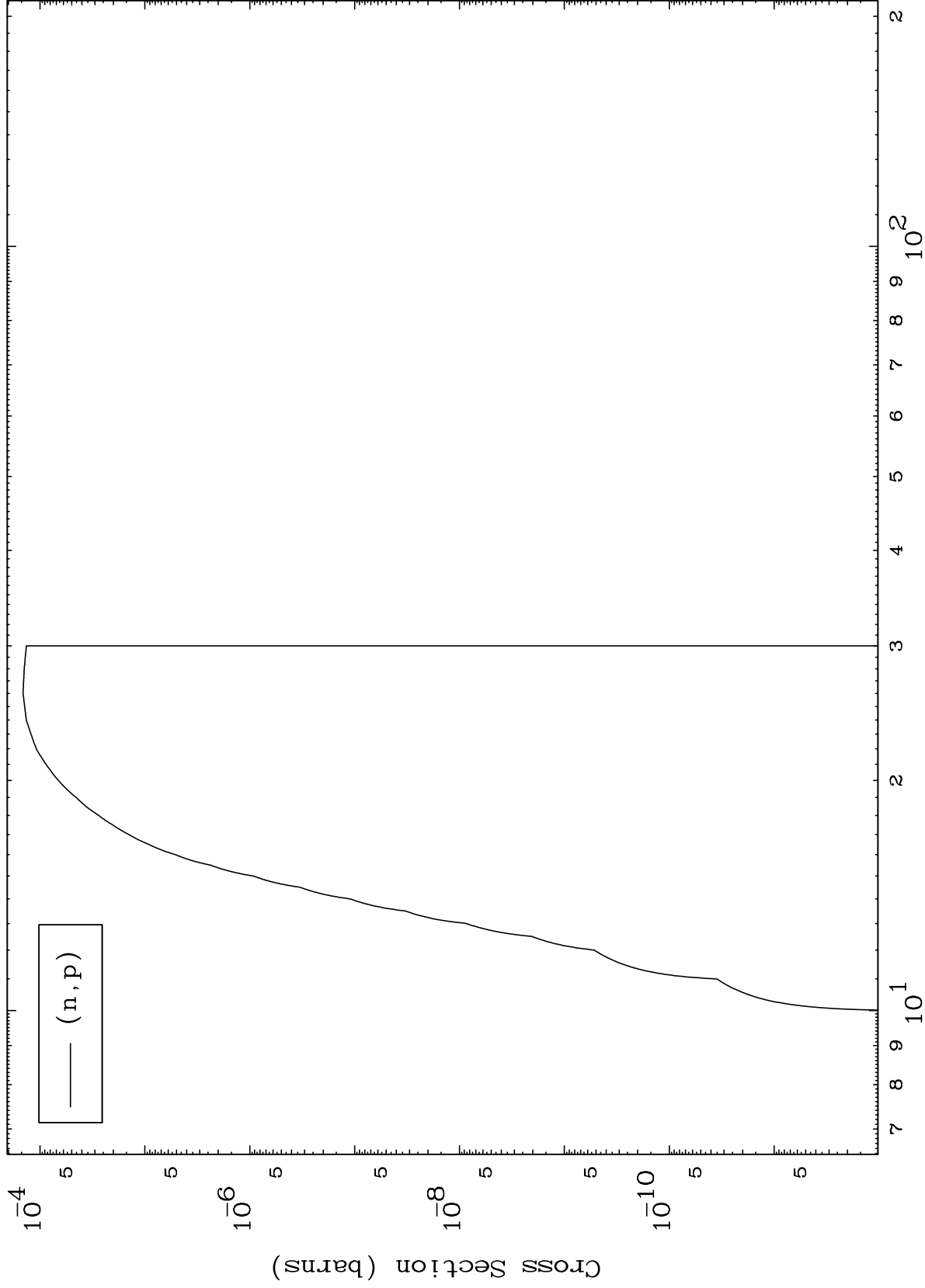
Incident Energy (MeV)

77-Ir-196m

MAT 7741

77-Ir-196m

(γ, p) Levels
0 Kelvin Cross Sections



77-Ir-196m

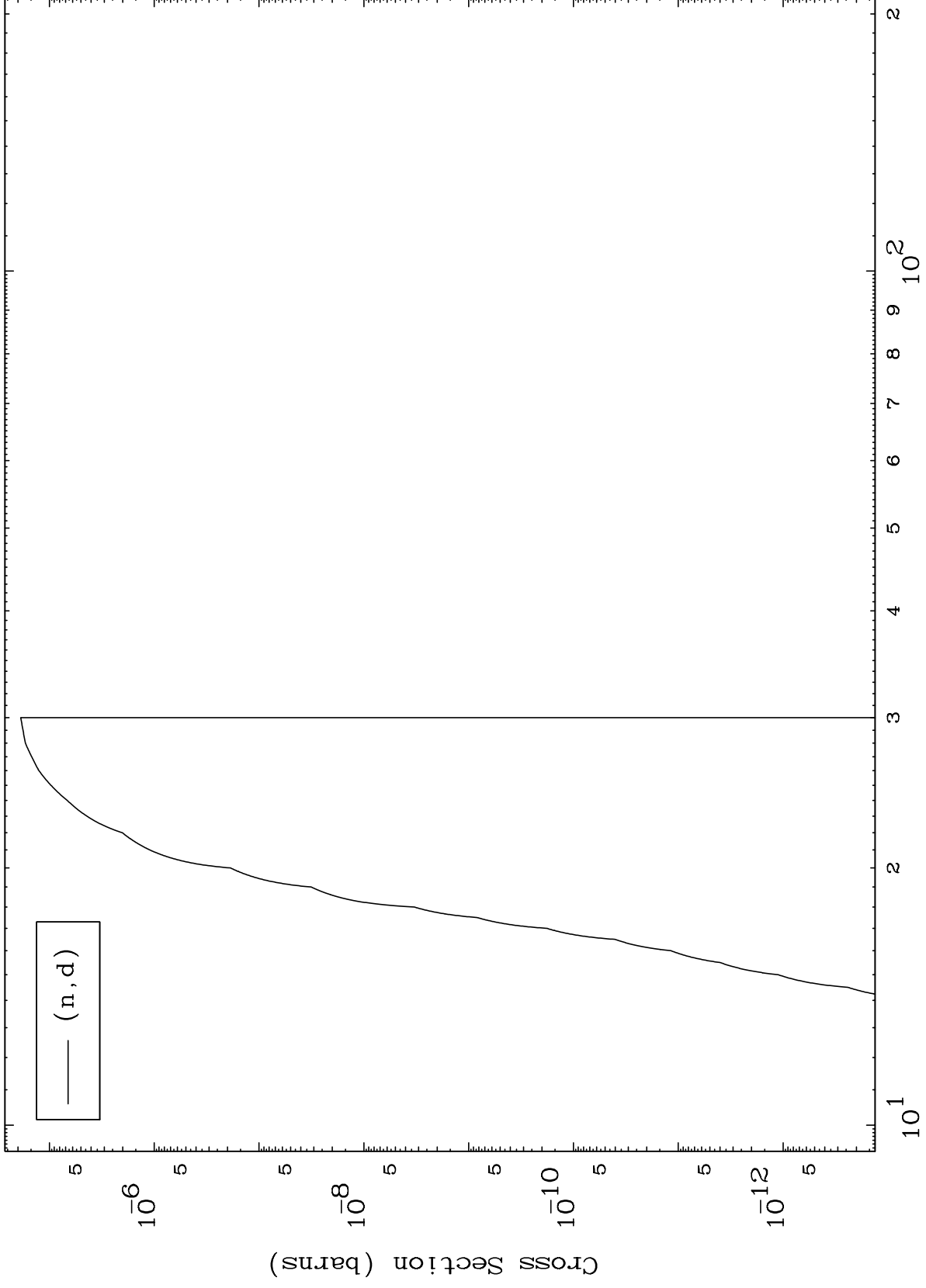
Incident Energy (MeV)

6

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(γ, d) Levels
0 Kelvin Cross Sections

77-Ir-196m



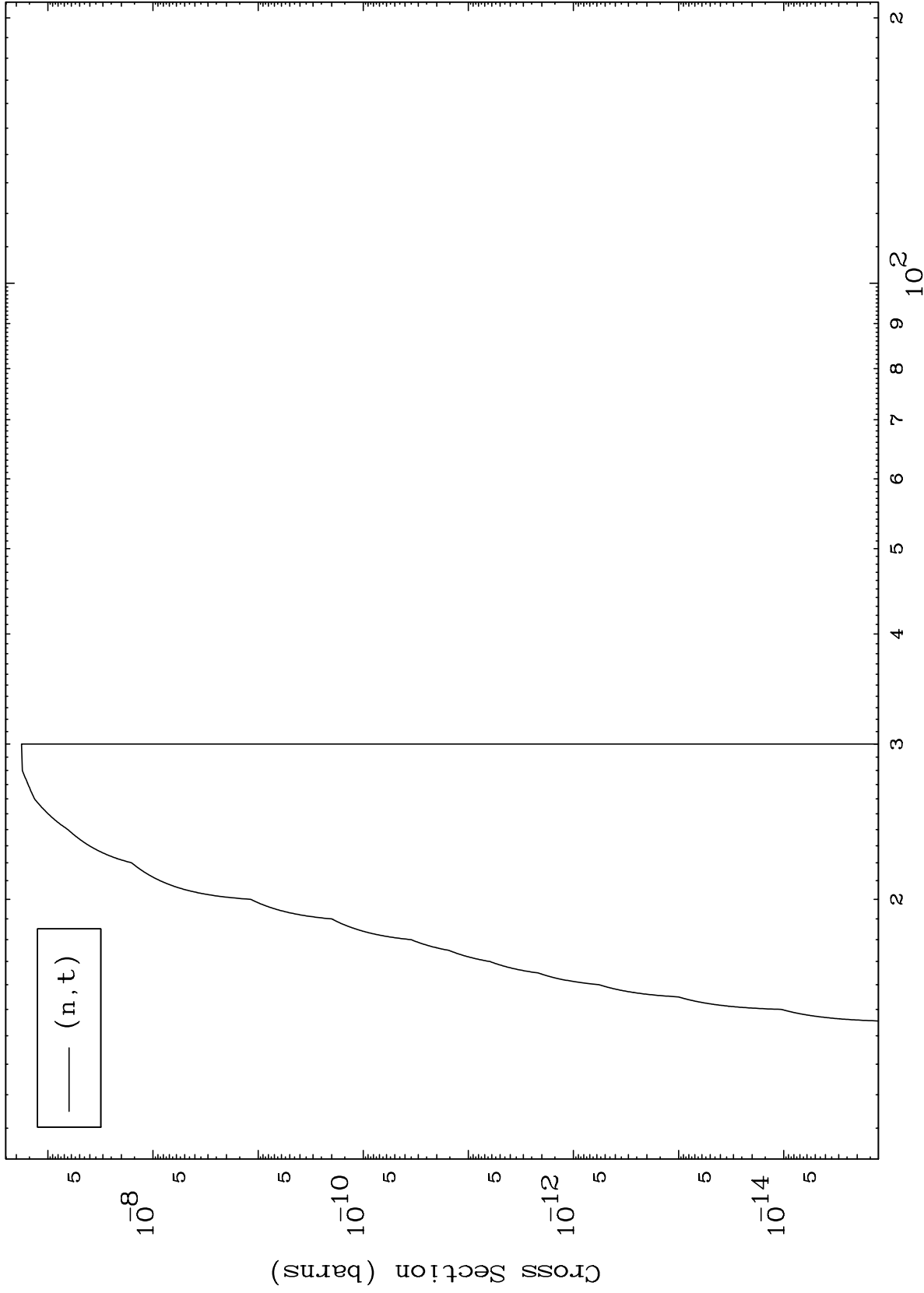
Incident Energy (MeV)

77-Ir-196m

MAT 7741

(γ, t) Levels
0 Kelvin Cross Sections

77-Ir-196m



8

Incident Energy (MeV)

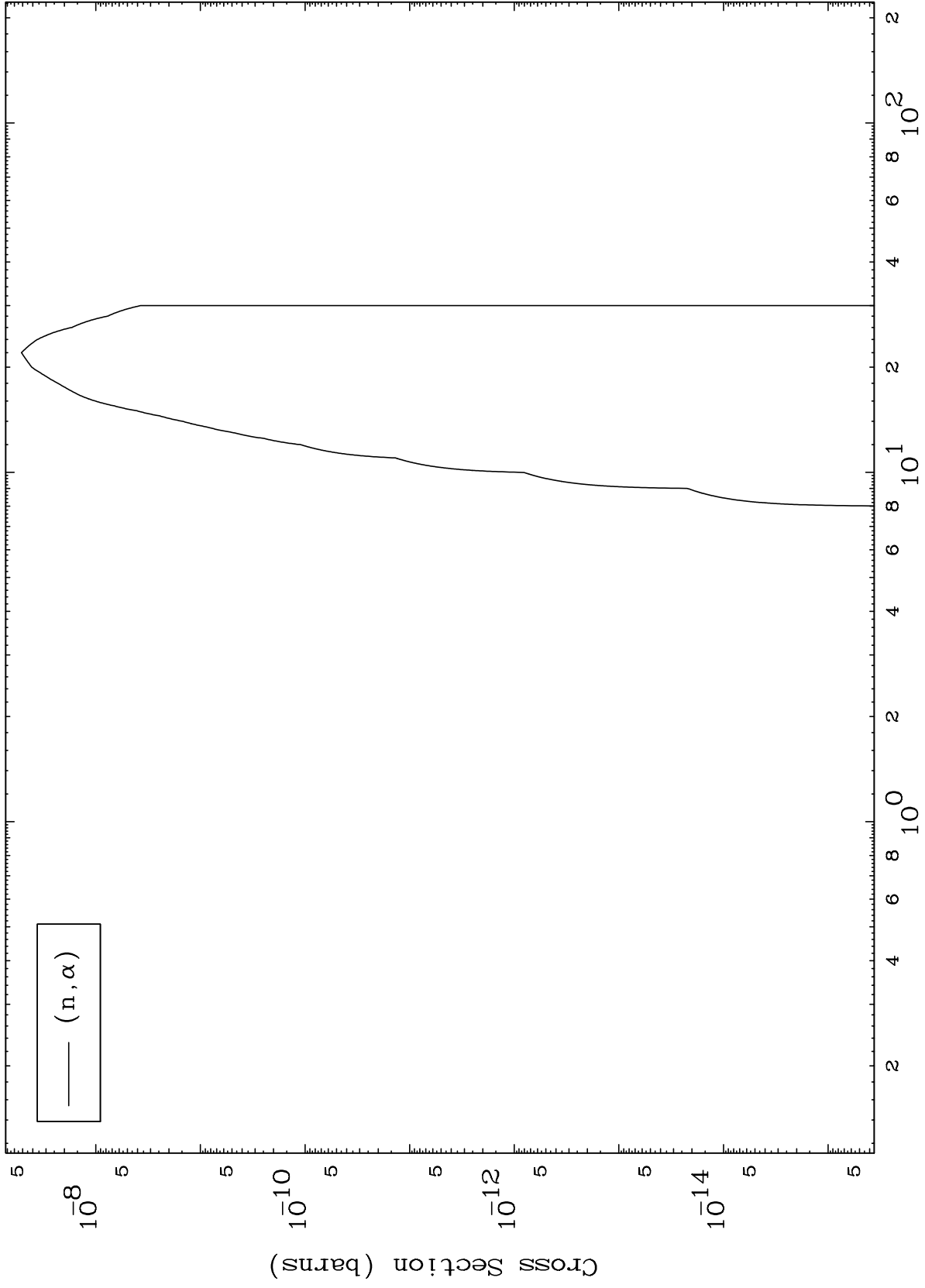
77-Ir-196m

MAT 7741

(γ, α) Levels

77-Ir-196m

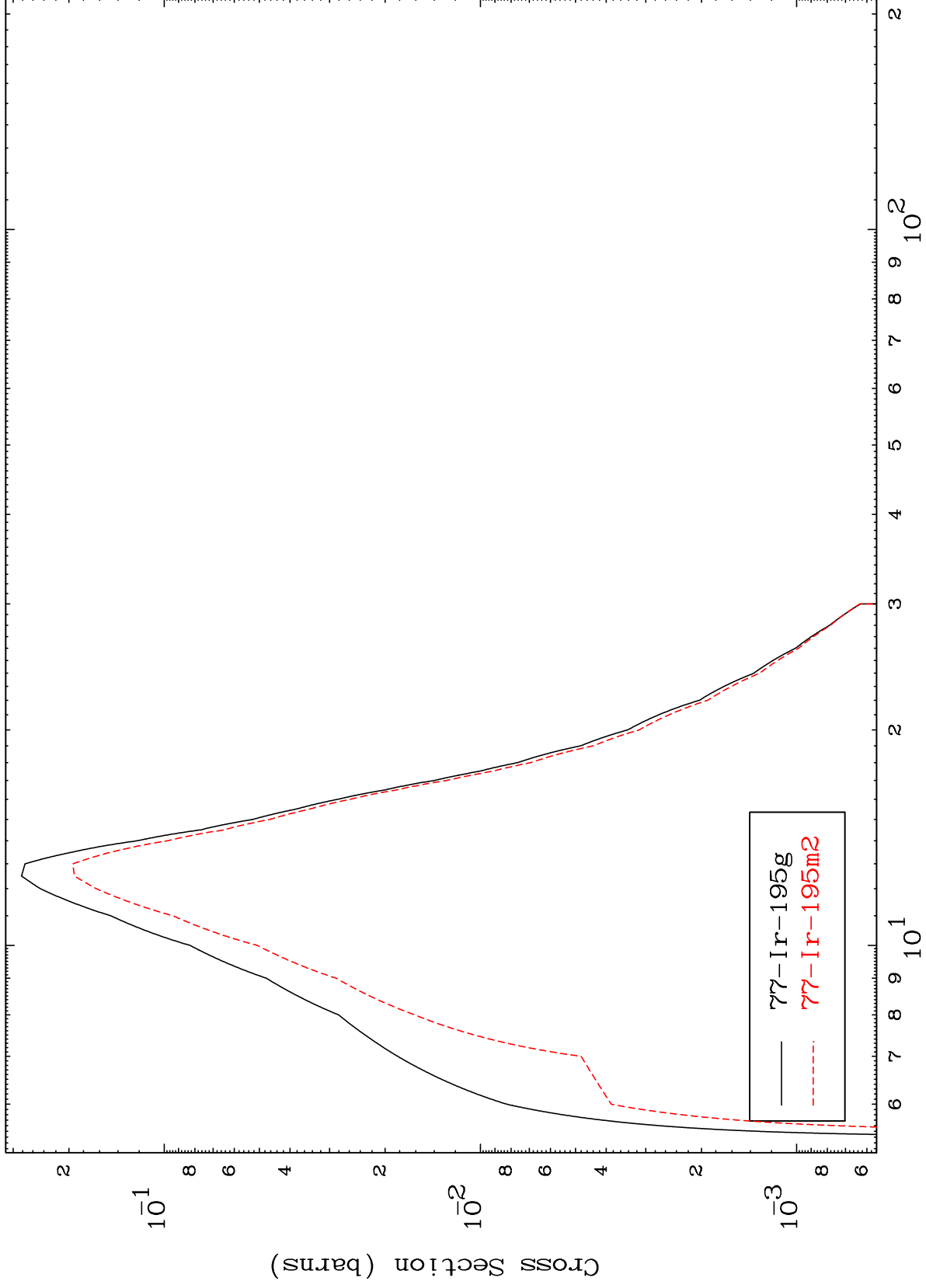
0 Kelvin Cross Sections



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Inelastic
Radionuclide Production Cross Section

⁷⁷Ir-196m

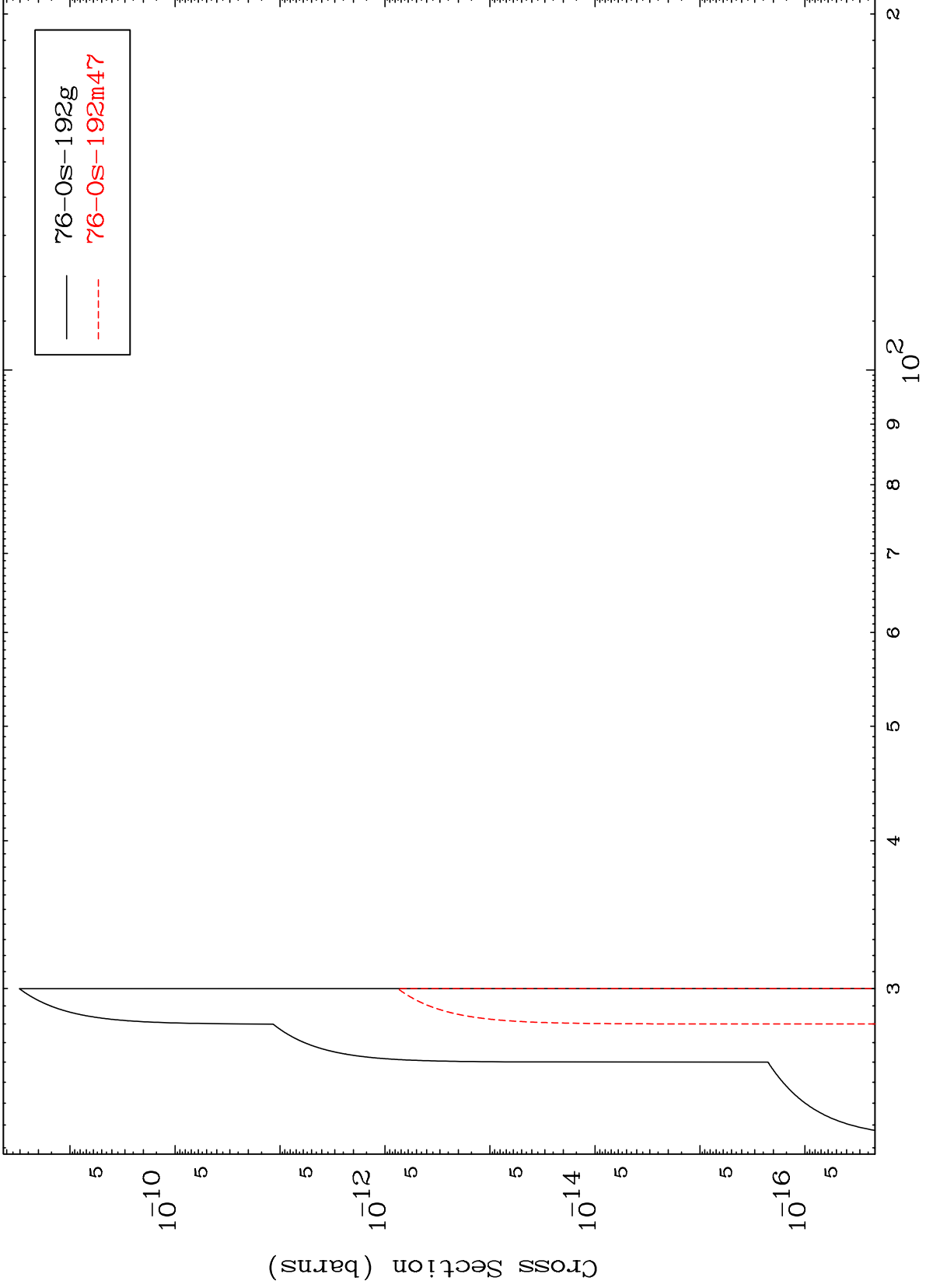


10

Incident Energy (MeV)

⁷⁷Ir-196m

Radionuclide Production Cross Section

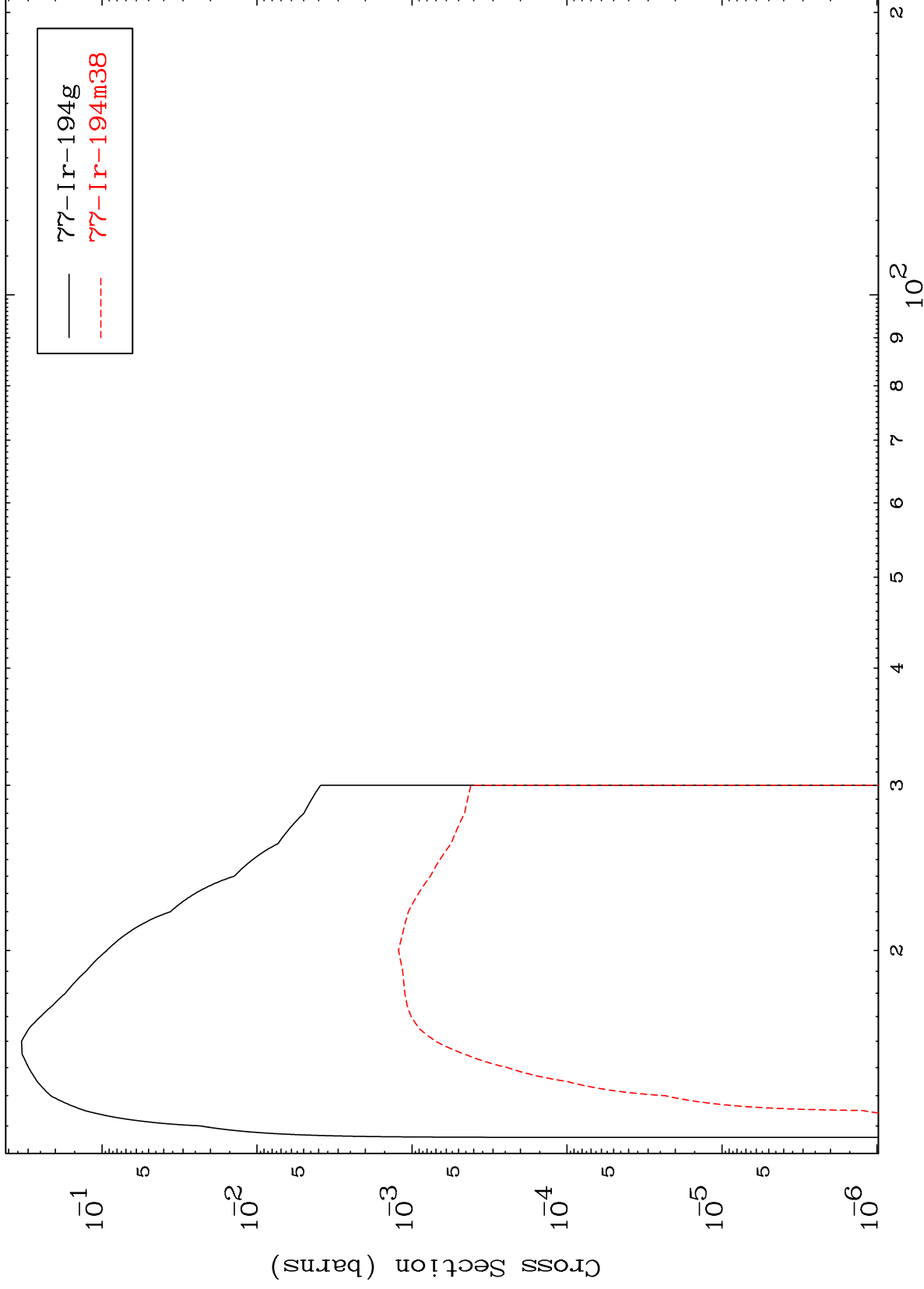


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(n,2n)

⁷⁷Ir-196m

Radionuclide Production Cross Section



⁷⁷Ir-194g
⁷⁷Ir-194m38

12

Incident Energy (MeV)

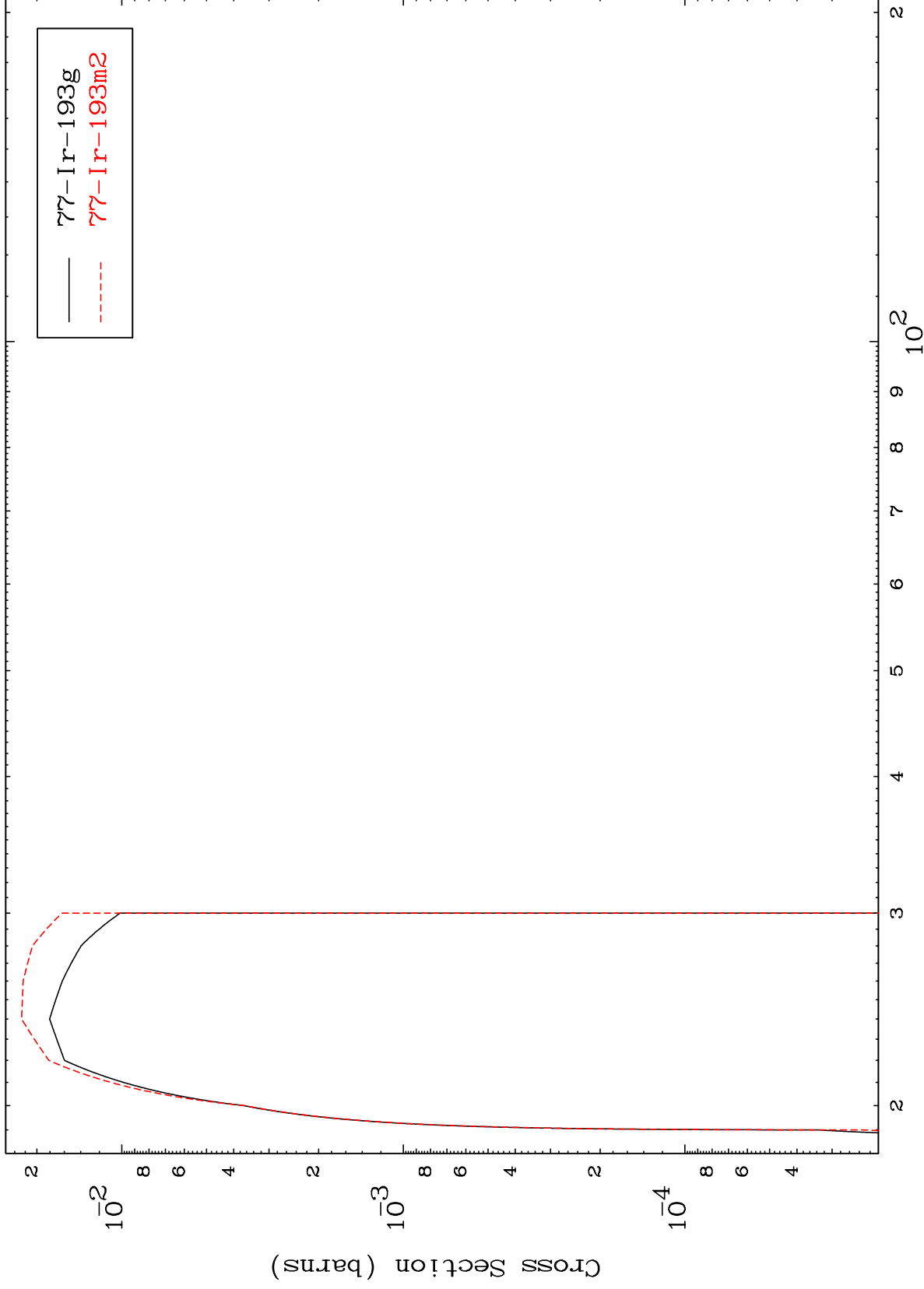
⁷⁷Ir-196m

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(n,3n)

⁷⁷Ir-196m

Radionuclide Production Cross Section



13

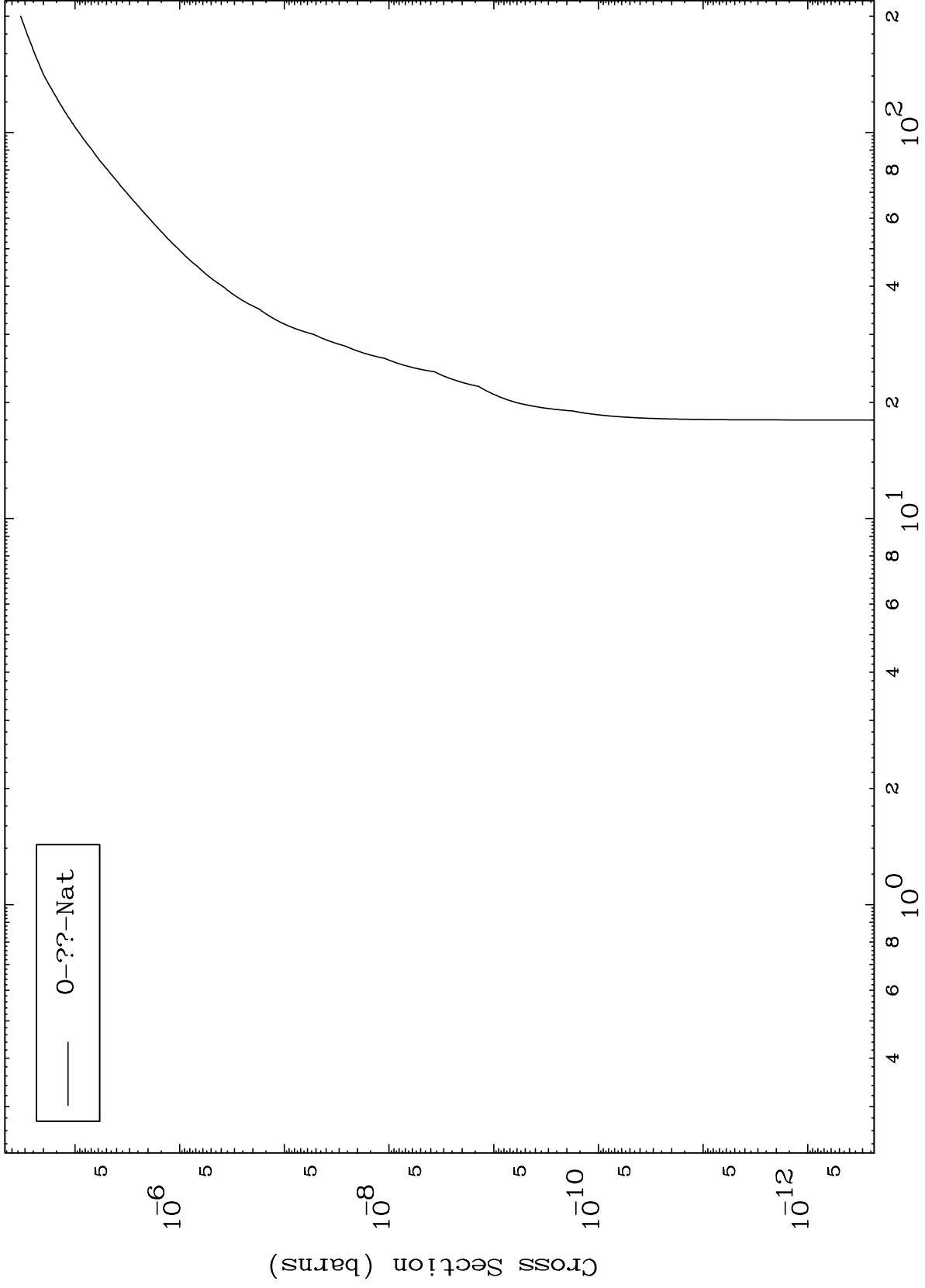
Incident Energy (MeV)

⁷⁷Ir-196m

MAT 7741

Fission
Radionuclide Production Cross Section

⁷⁷Ir-196m



14

Incident Energy (MeV)

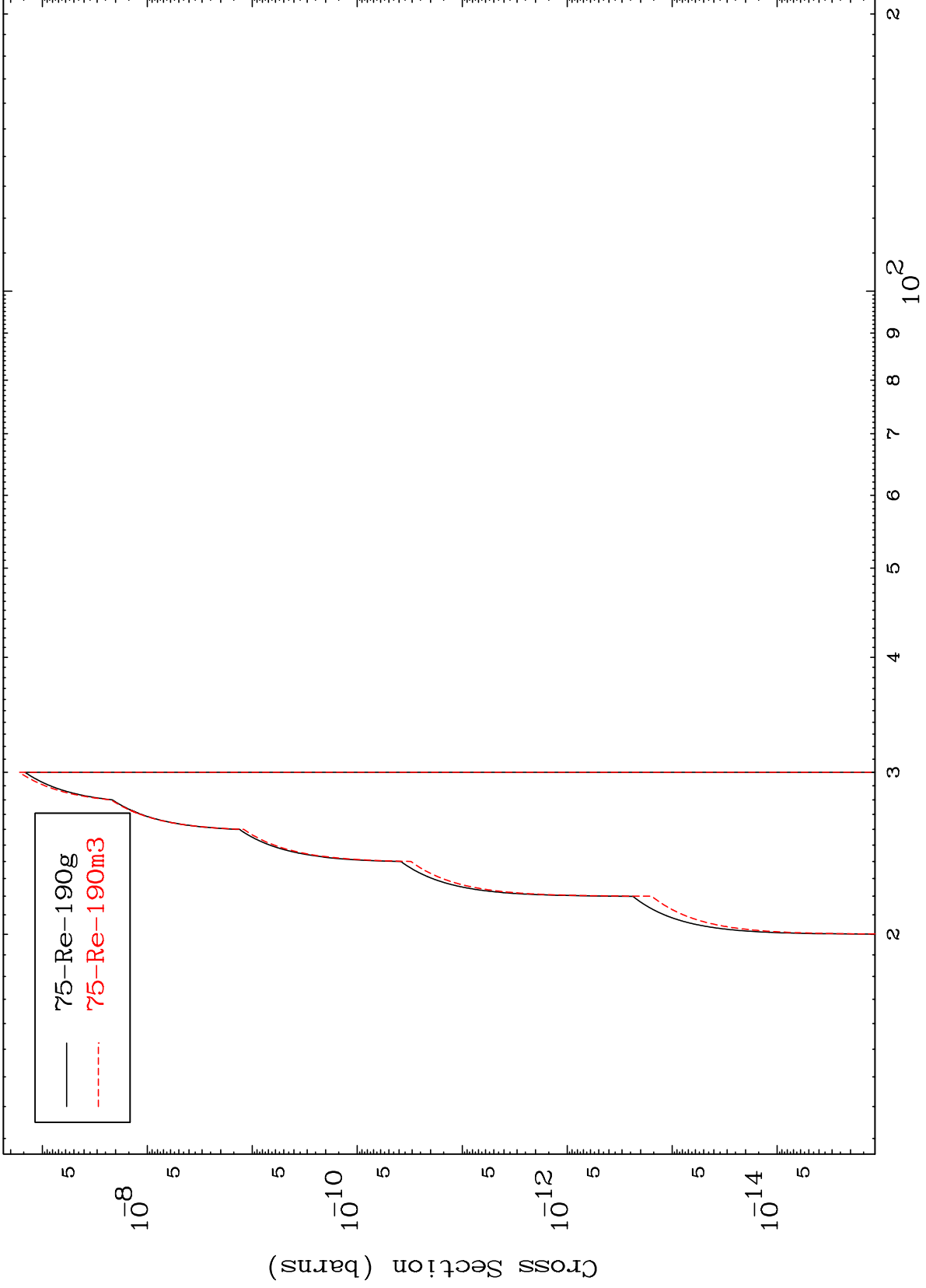
⁷⁷Ir-196m

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(n,2n) α

77-Ir-196m

Radionuclide Production Cross Section

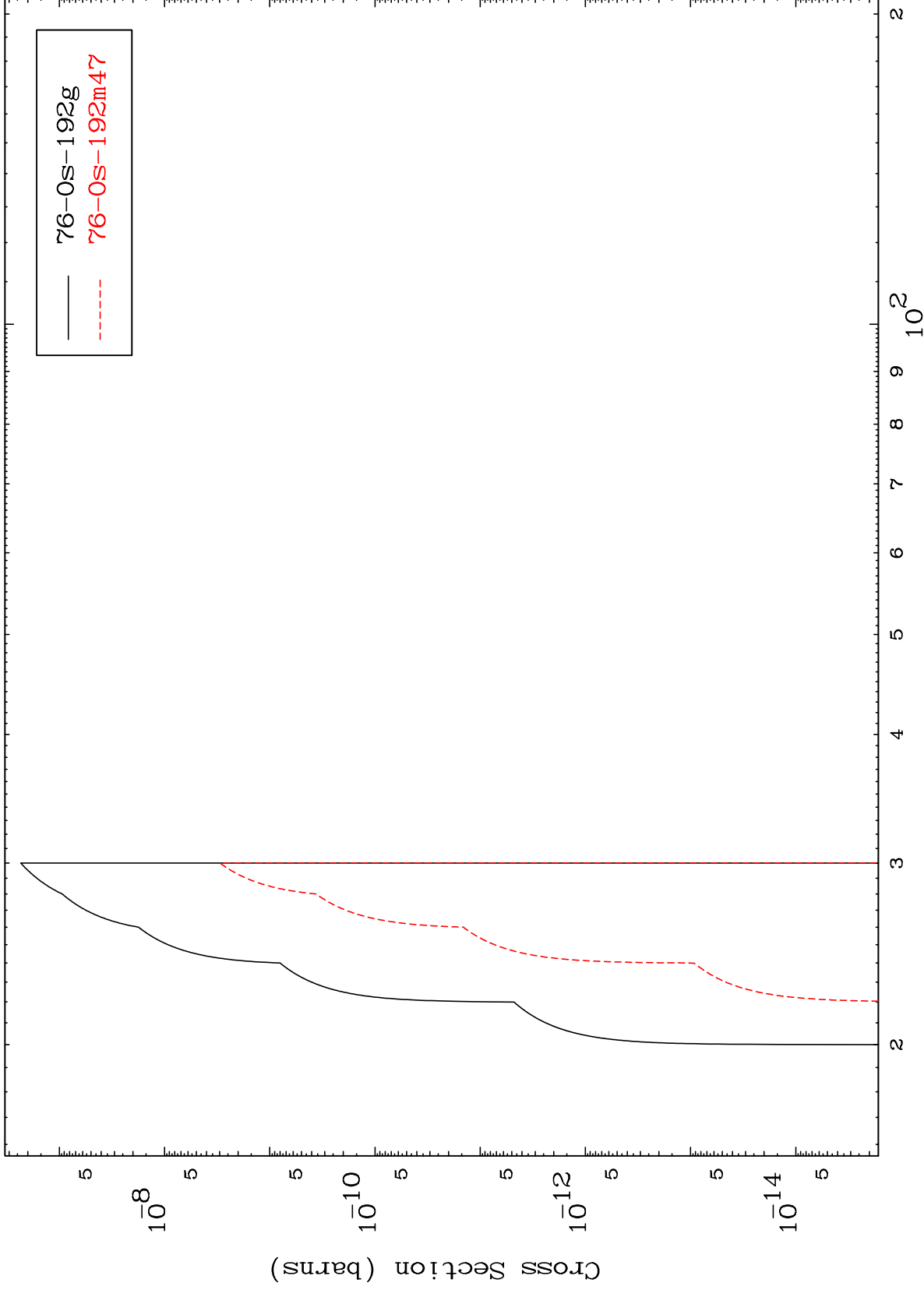


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(n,n') t

77-Ir-196m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

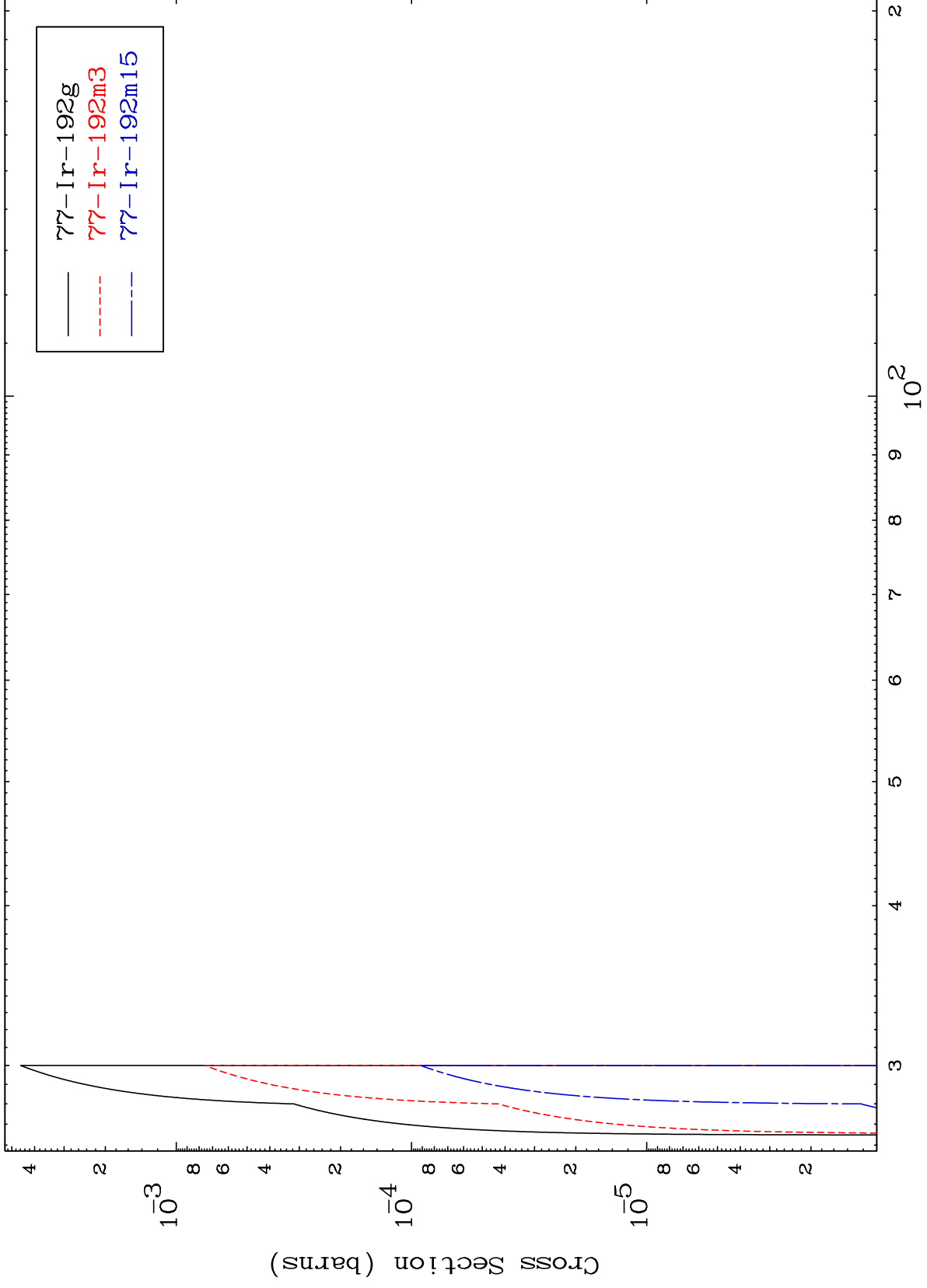
77-Ir-196m

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(n,4n)

77-Ir-196m

Radionuclide Production Cross Section



17

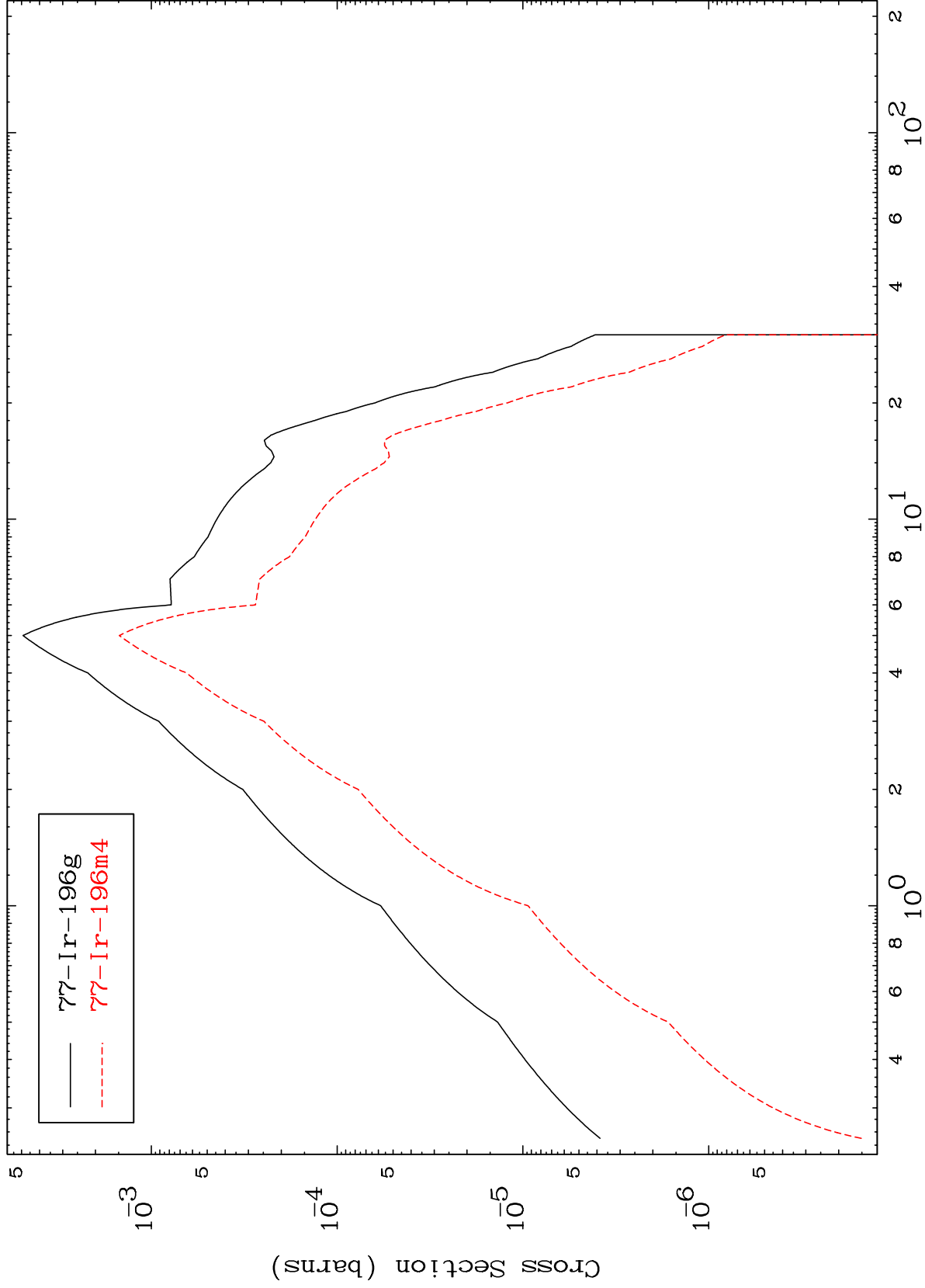
Incident Energy (MeV)

77-Ir-196m

MAT 7741

⁷⁷Ir-196m

Radionuclide Production Cross Section



18

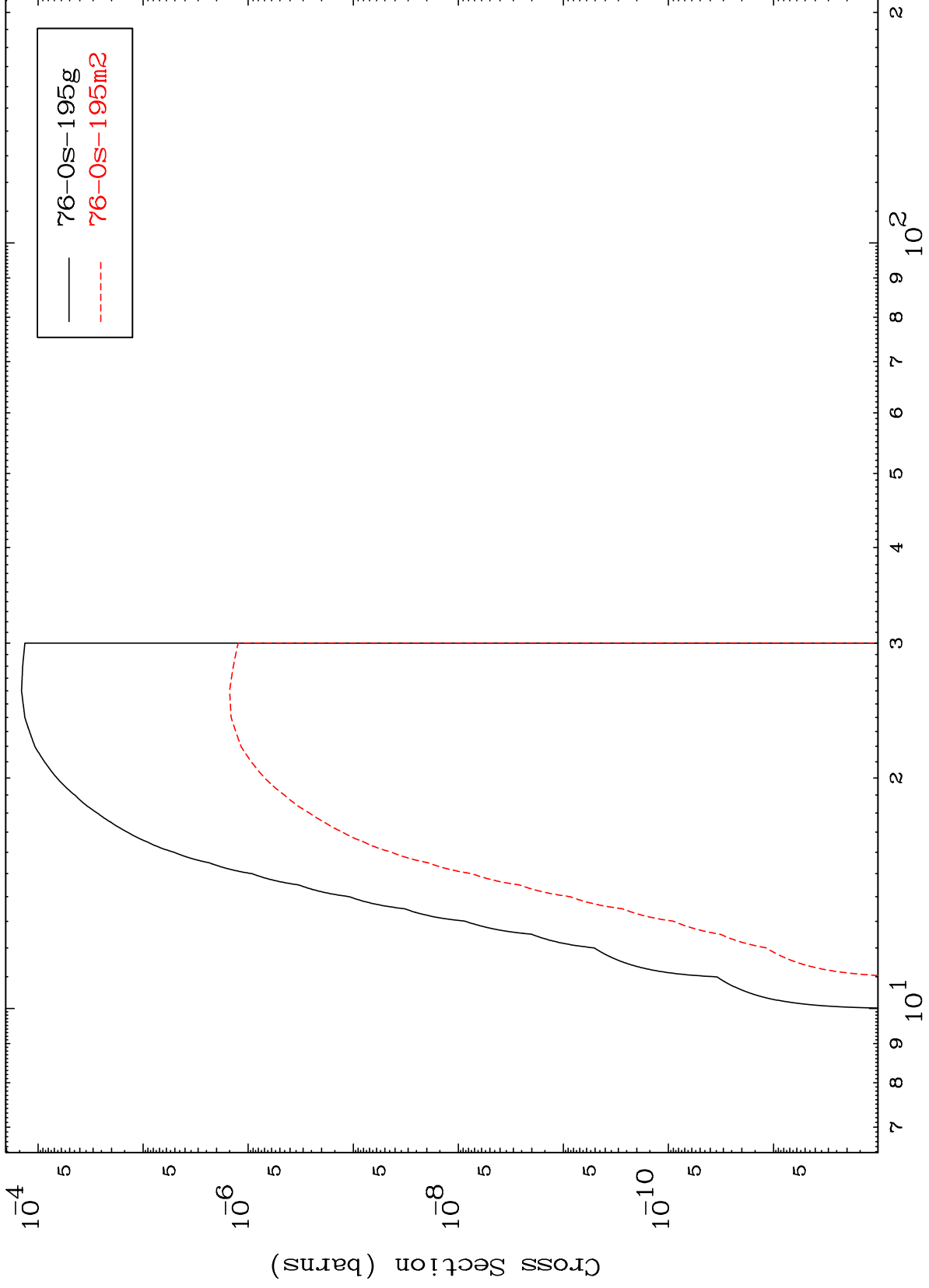
Incident Energy (MeV)

⁷⁷Ir-196m

MAT 7741

⁷⁷Ir-196m

(n,p)
Radionuclide Production Cross Section



76-Os-195g
76-Os-195m2

19

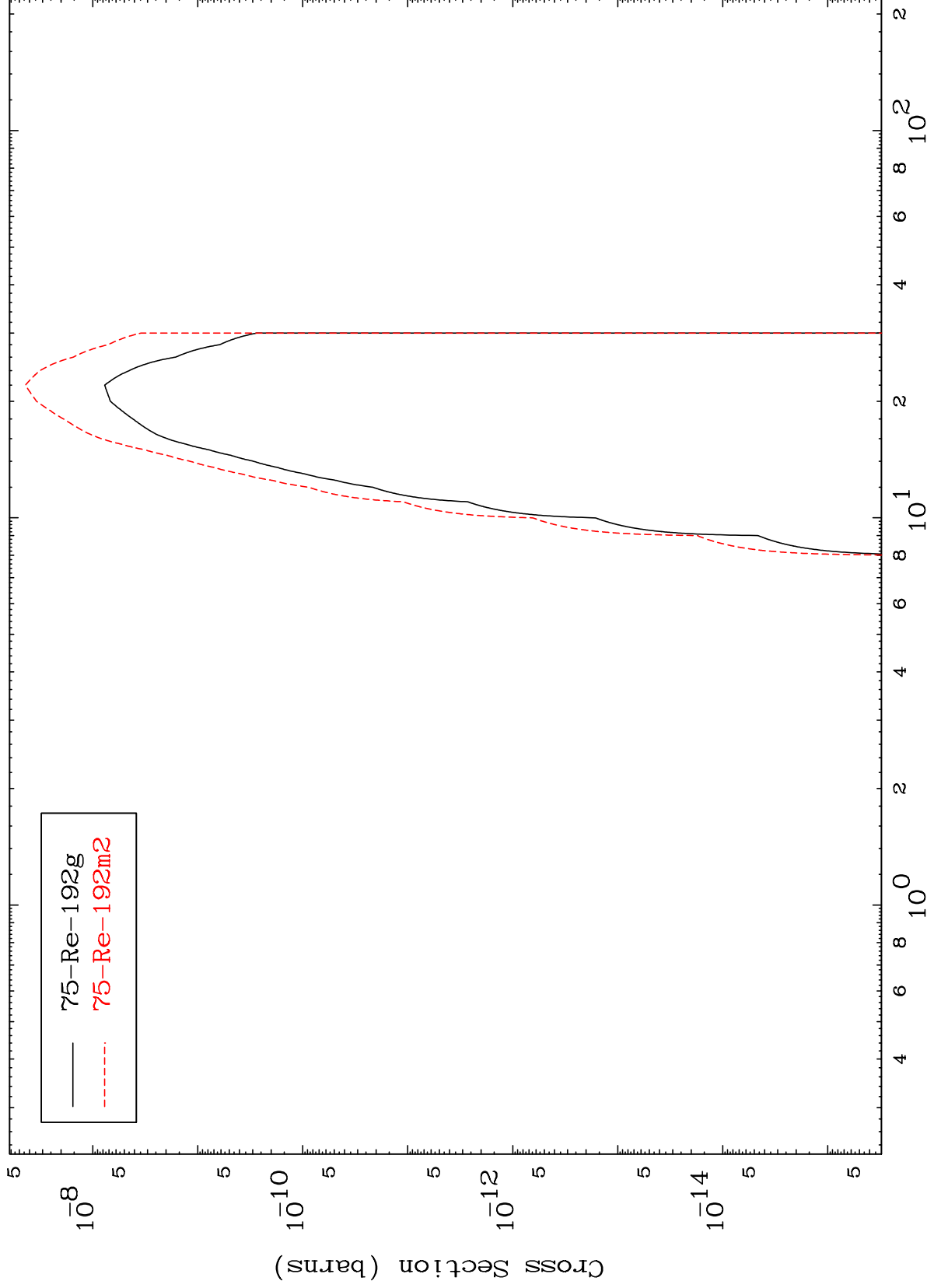
Incident Energy (MeV)

⁷⁷Ir-196m

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77-Ir-196m

Radionuclide Production Cross Section



Incident Energy (MeV)

77-Ir-196m

20