

Program EVALPLOT
(Version 2021-1)

by

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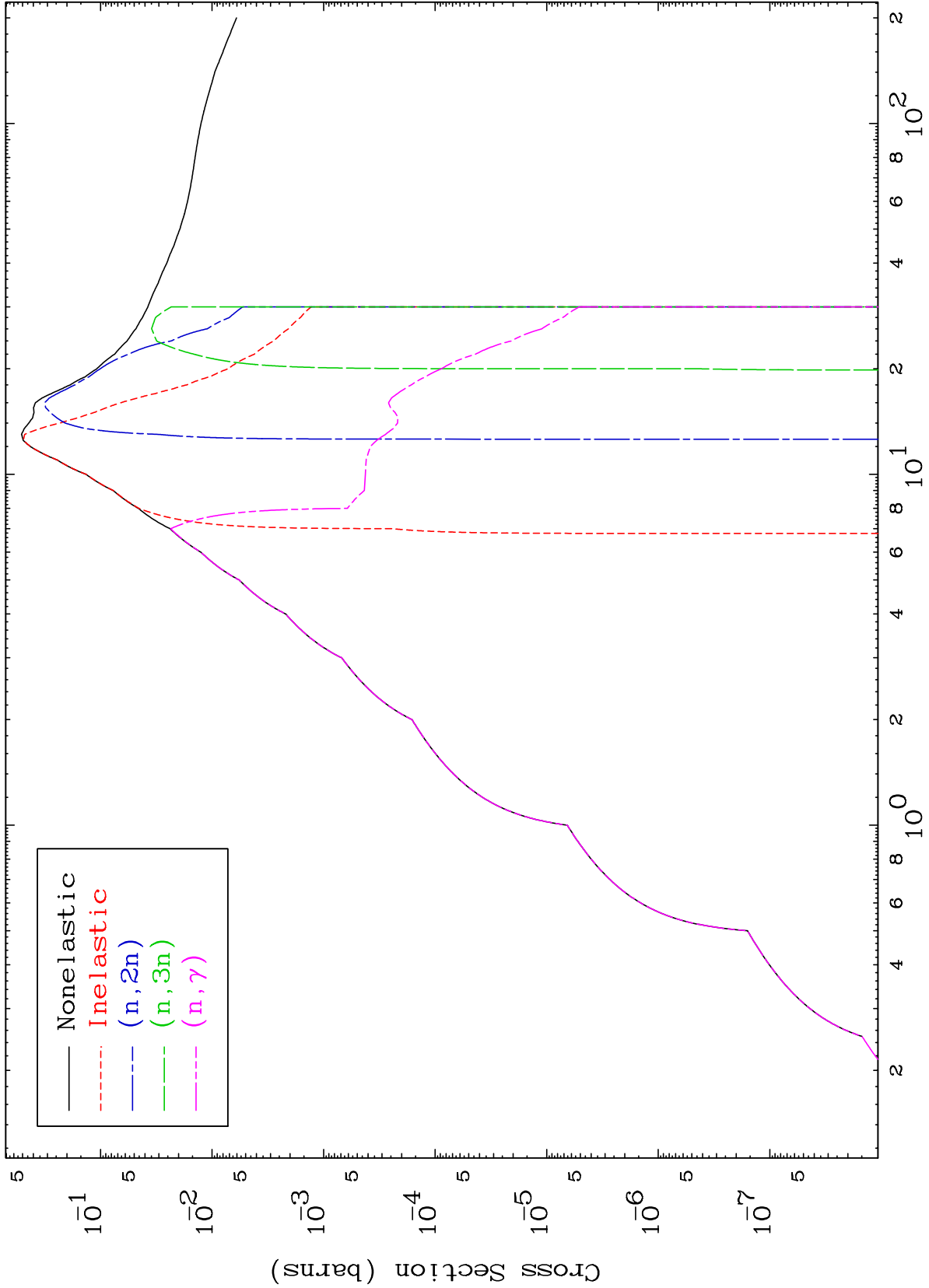
Press Mouse Button to Start

MAT 7744

Photon Major

77-Ir-197m

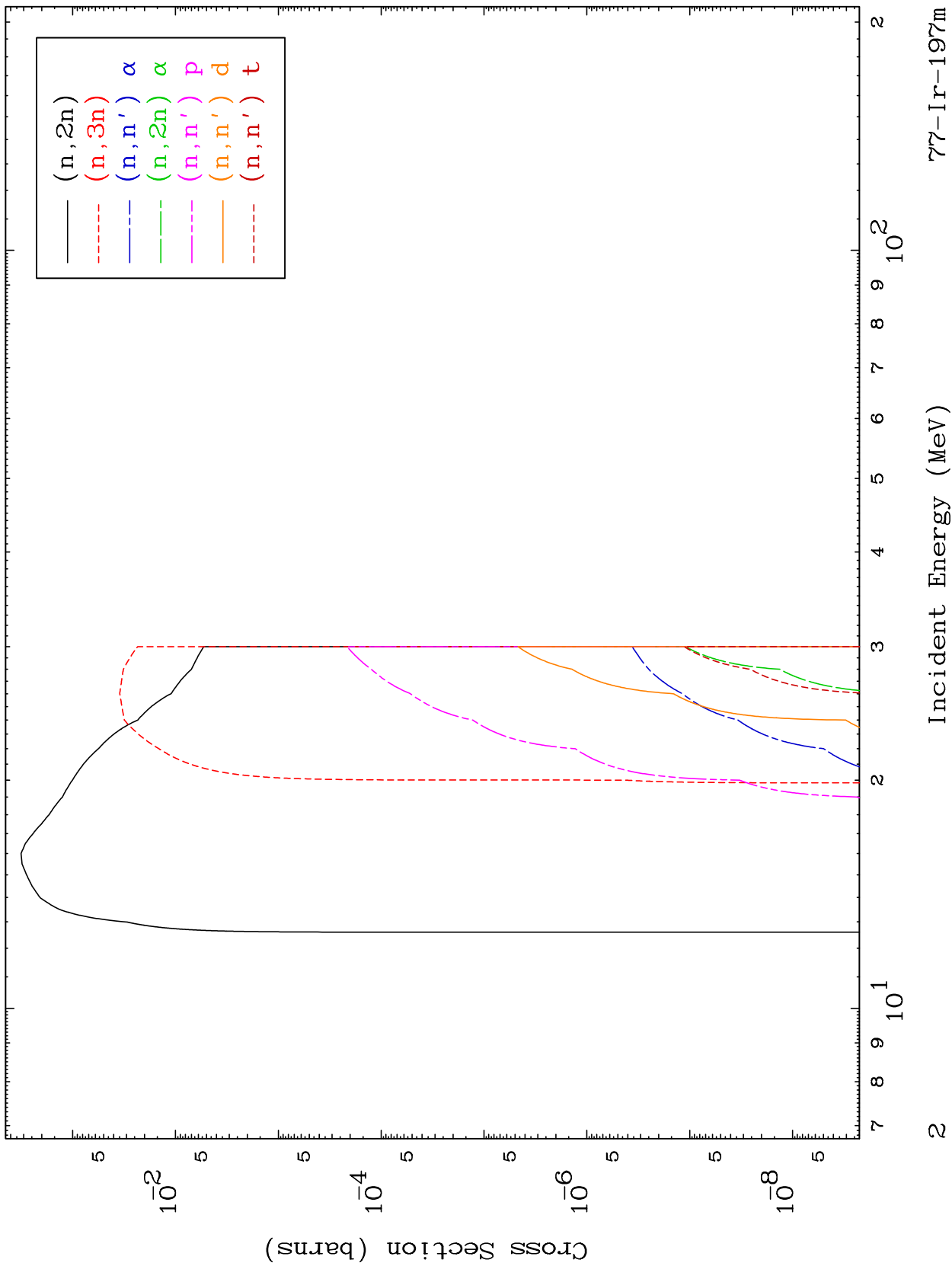
0 Kelvin Cross Sections



MAT 7744

Photon Neutron Absorption
0 Kelvin Cross Sections

77-Ir-197m



77-Ir-197m

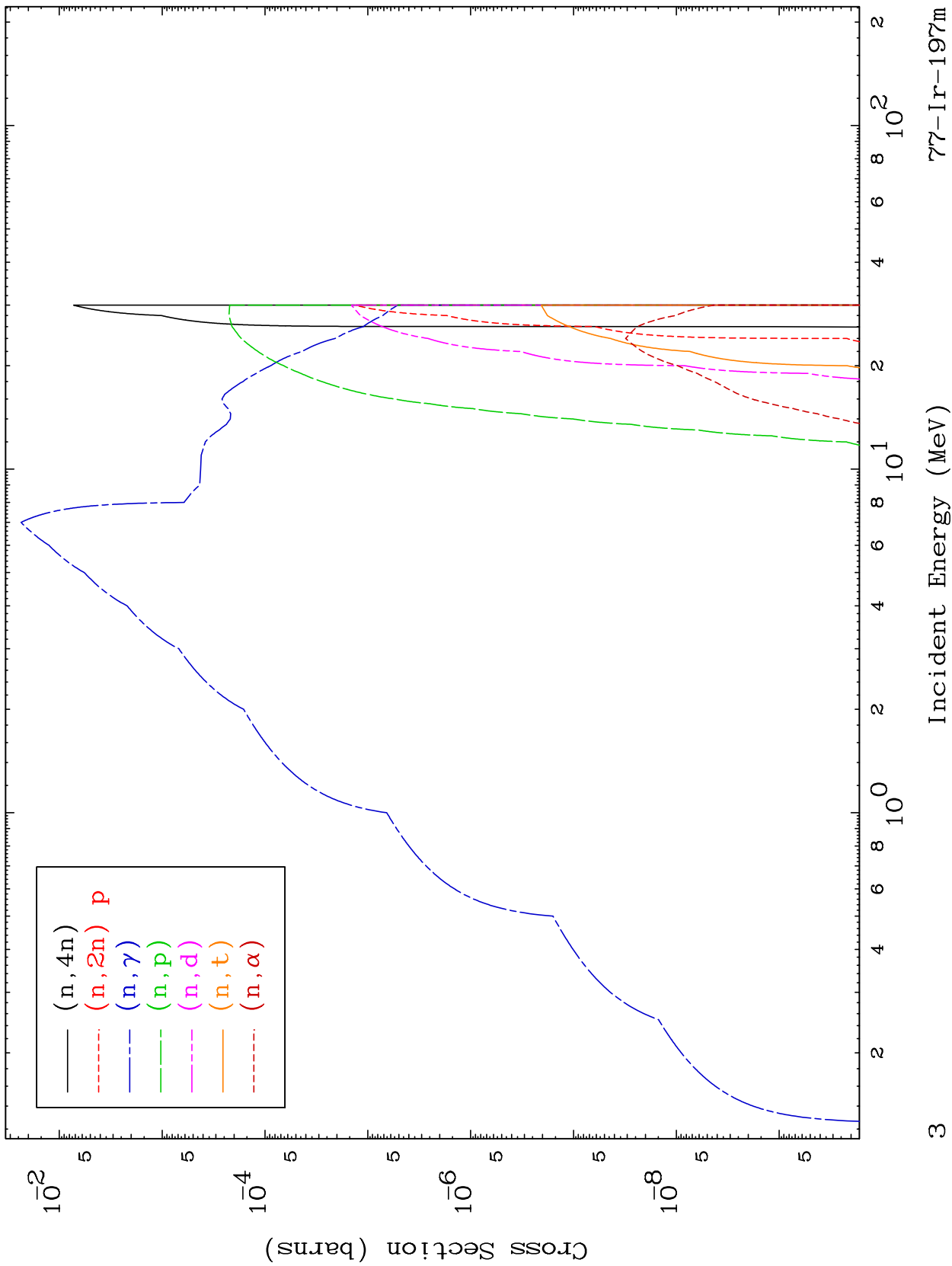
Incident Energy (MeV)

2

MAT 7744

Photon Neutron Absorption
0 Kelvin Cross Sections

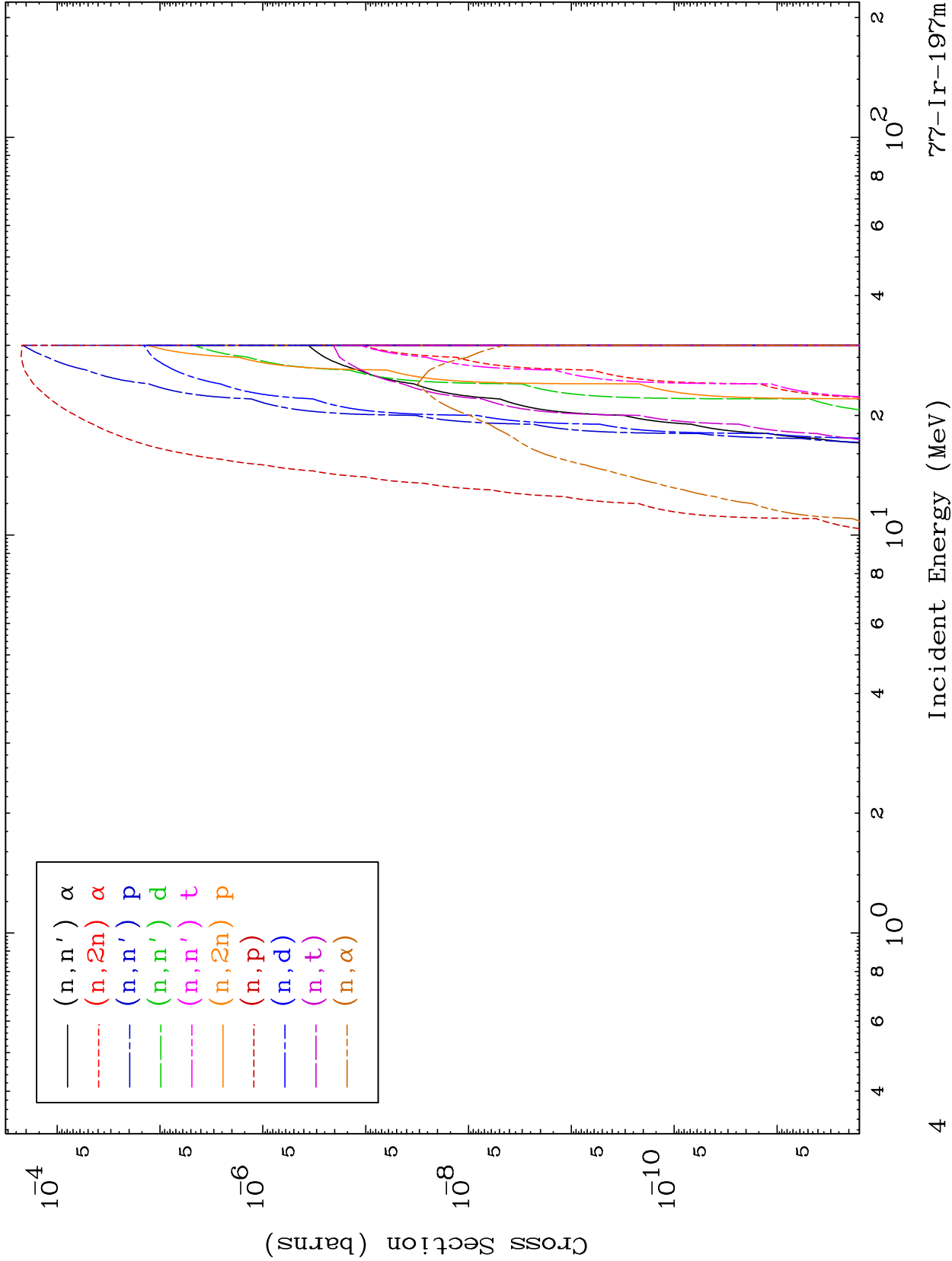
77-Ir-197m



MAT 7744

Photon Charged Particle
0 Kelvin Cross Sections

77-Ir-197m

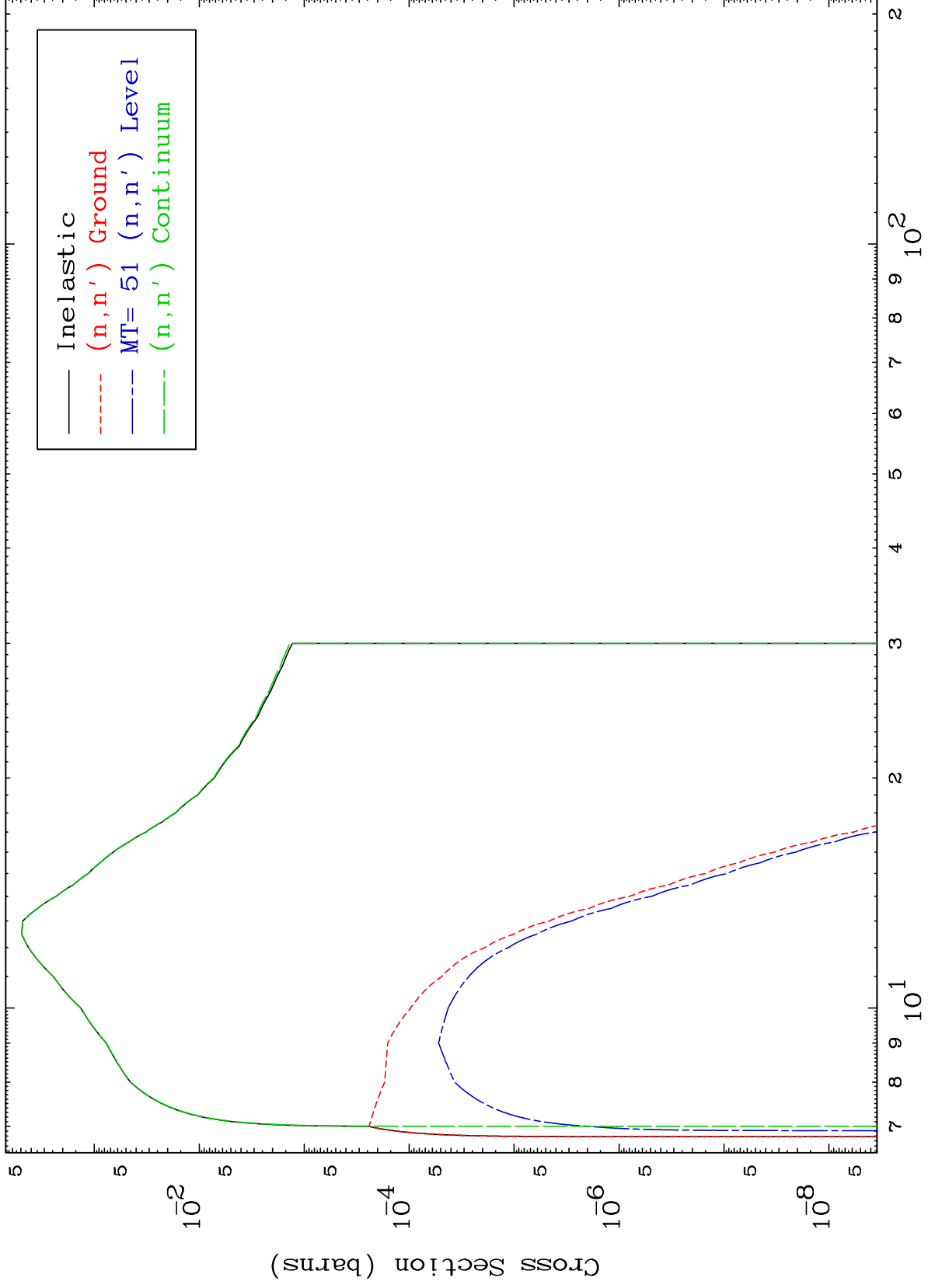


MAT 7744

(γ, n') Levels

77-Ir-197m

0 Kelvin Cross Sections



5

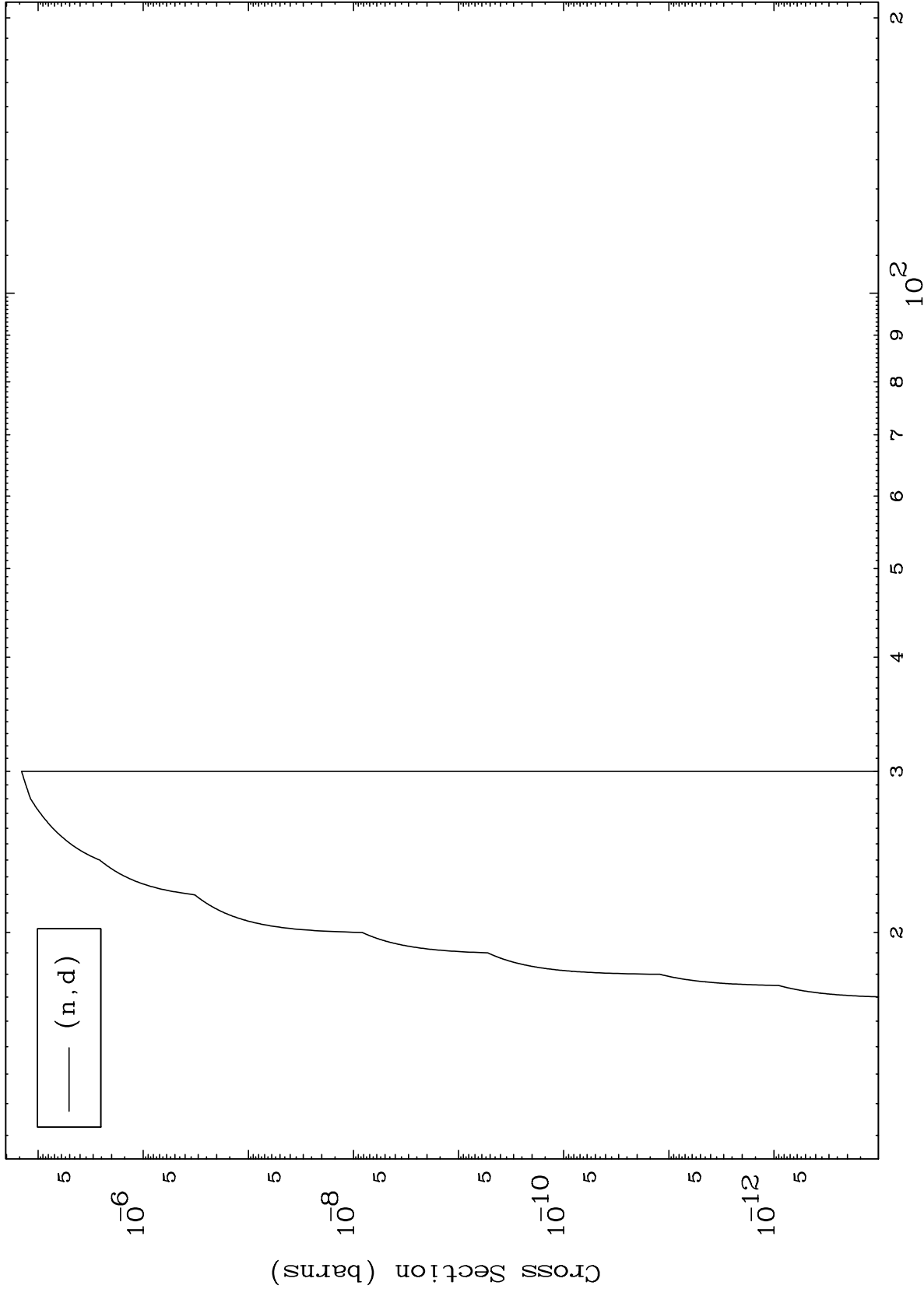
Incident Energy (MeV)

77-Ir-197m

MAT 7744

(γ, d) Levels
0 Kelvin Cross Sections

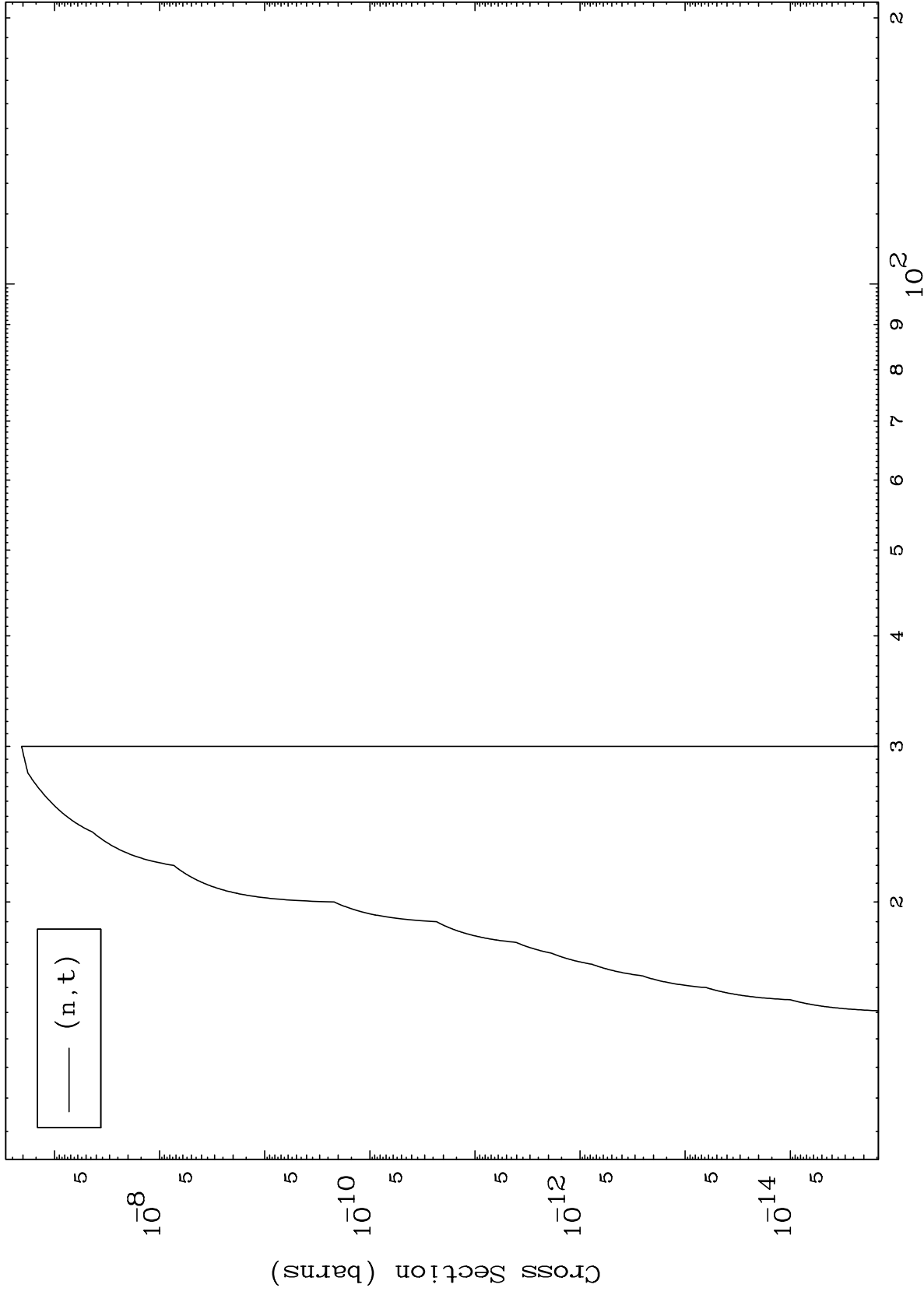
77-Ir-197m



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(γ, t) Levels
0 Kelvin Cross Sections

77-Ir-197m

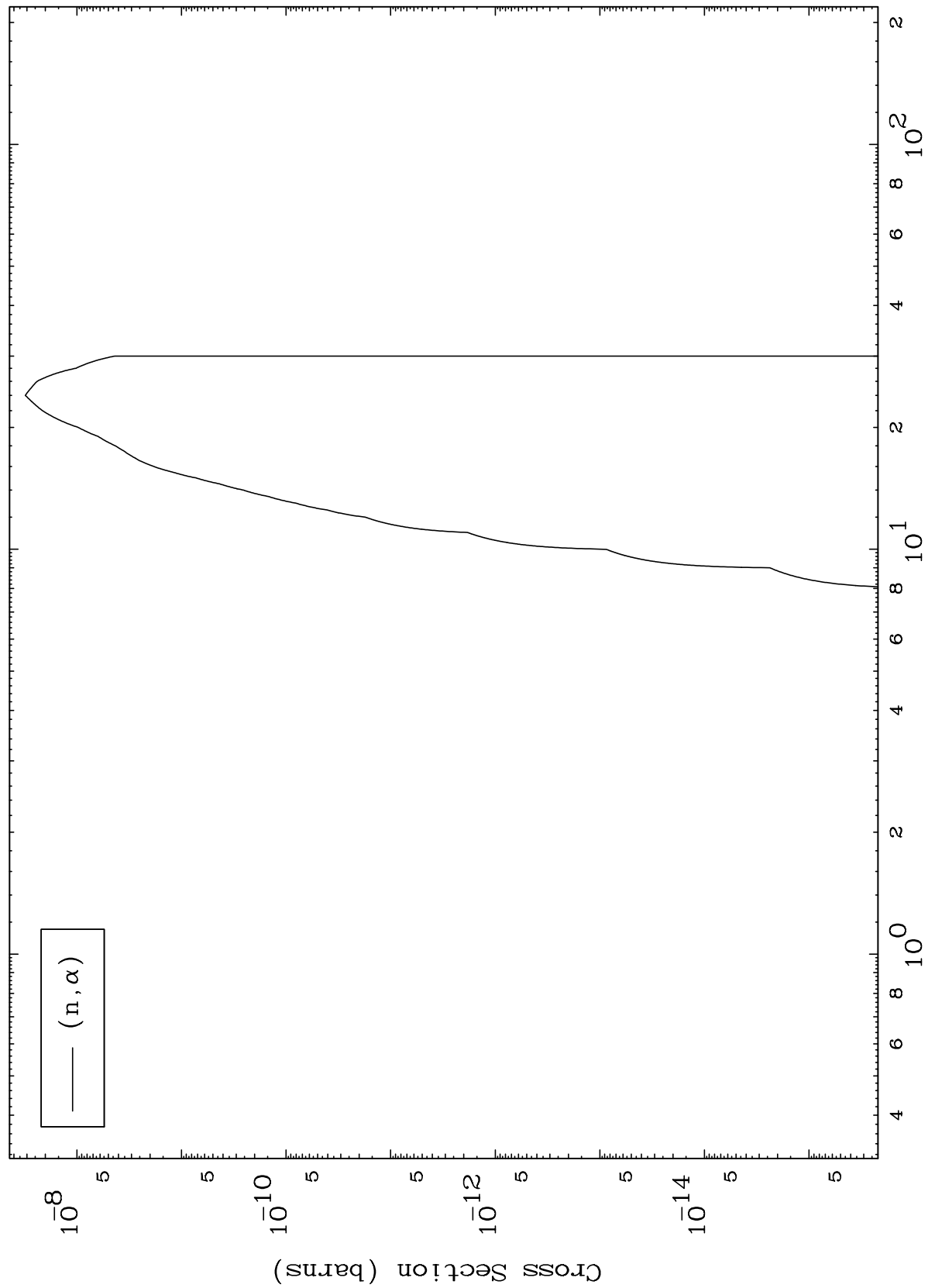


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(γ, α) Levels

77-Ir-197m

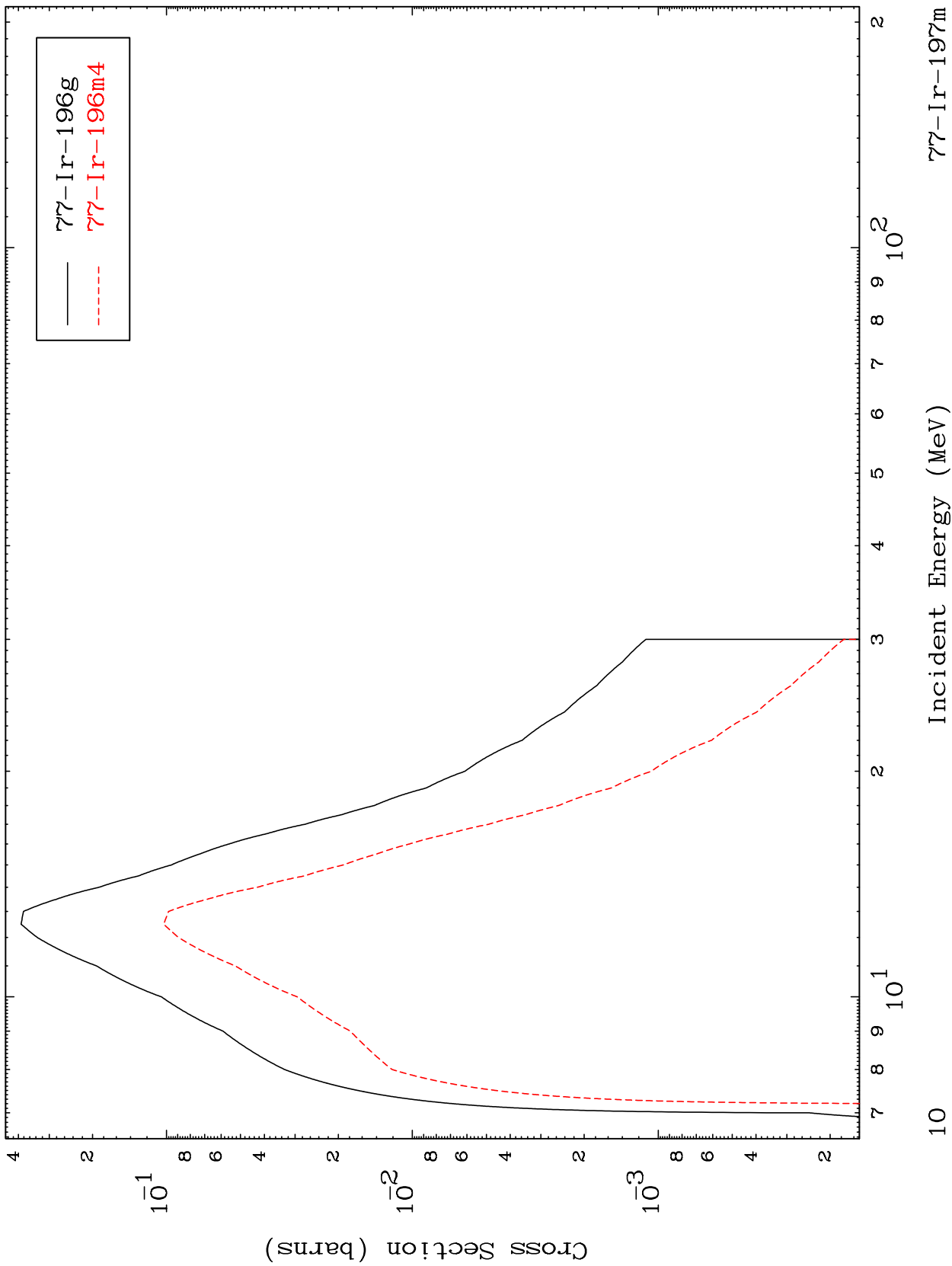
0 Kelvin Cross Sections



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Inelastic
Radionuclide Production Cross Section

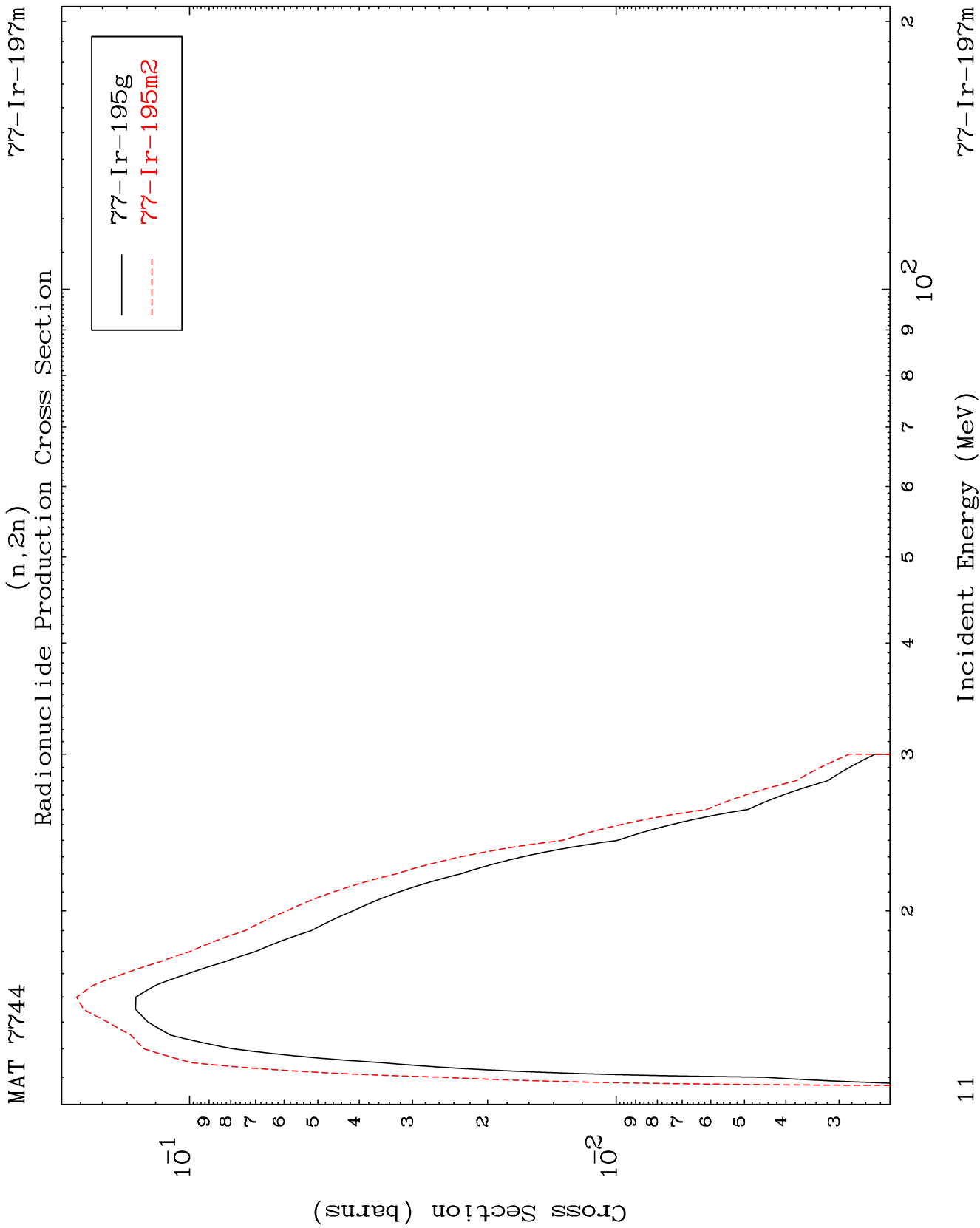
77-Ir-197m



77-Ir-197m

Incident Energy (MeV)

10

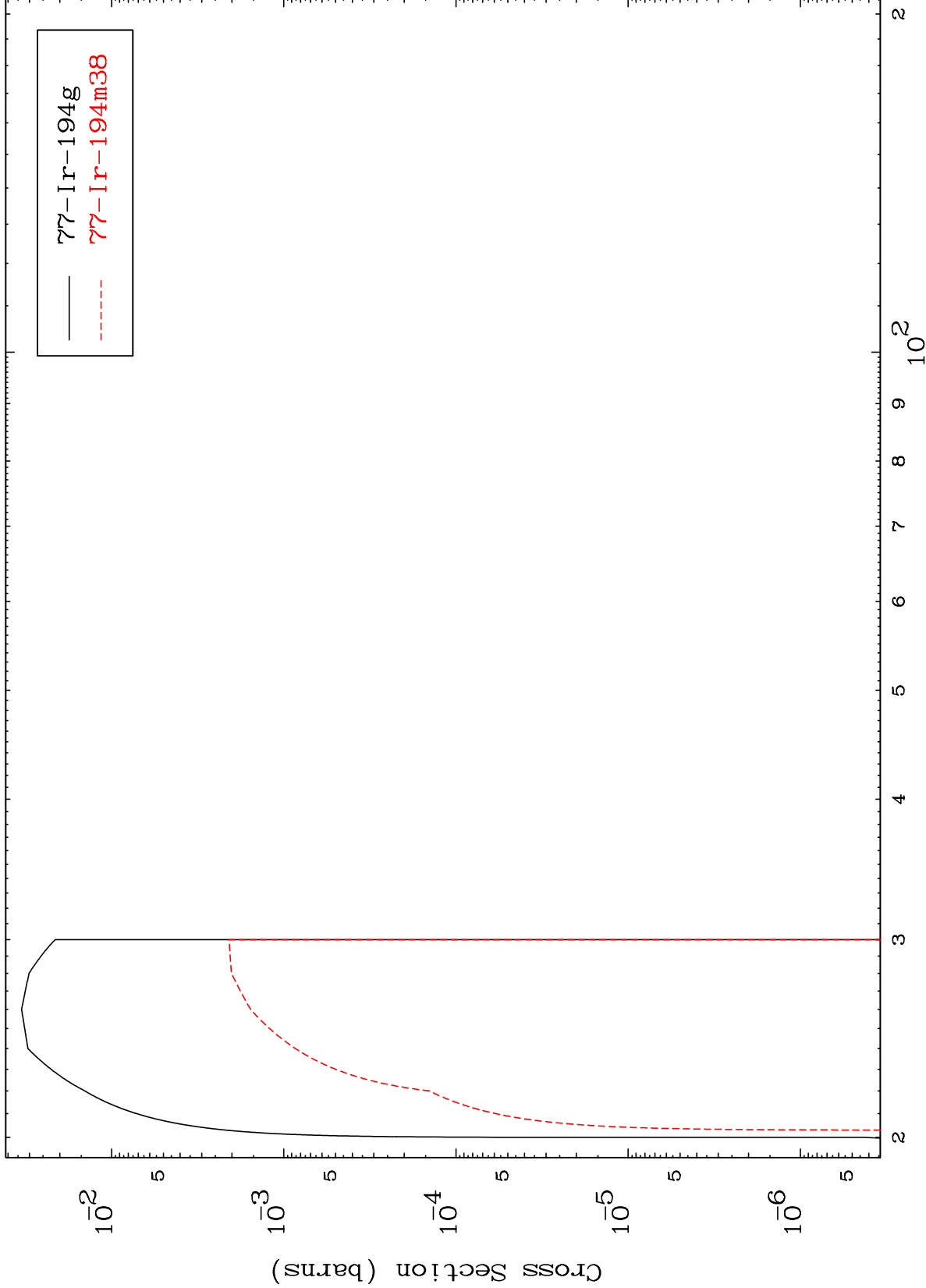


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(n,3n)

77-Ir-197m

Radionuclide Production Cross Section



12

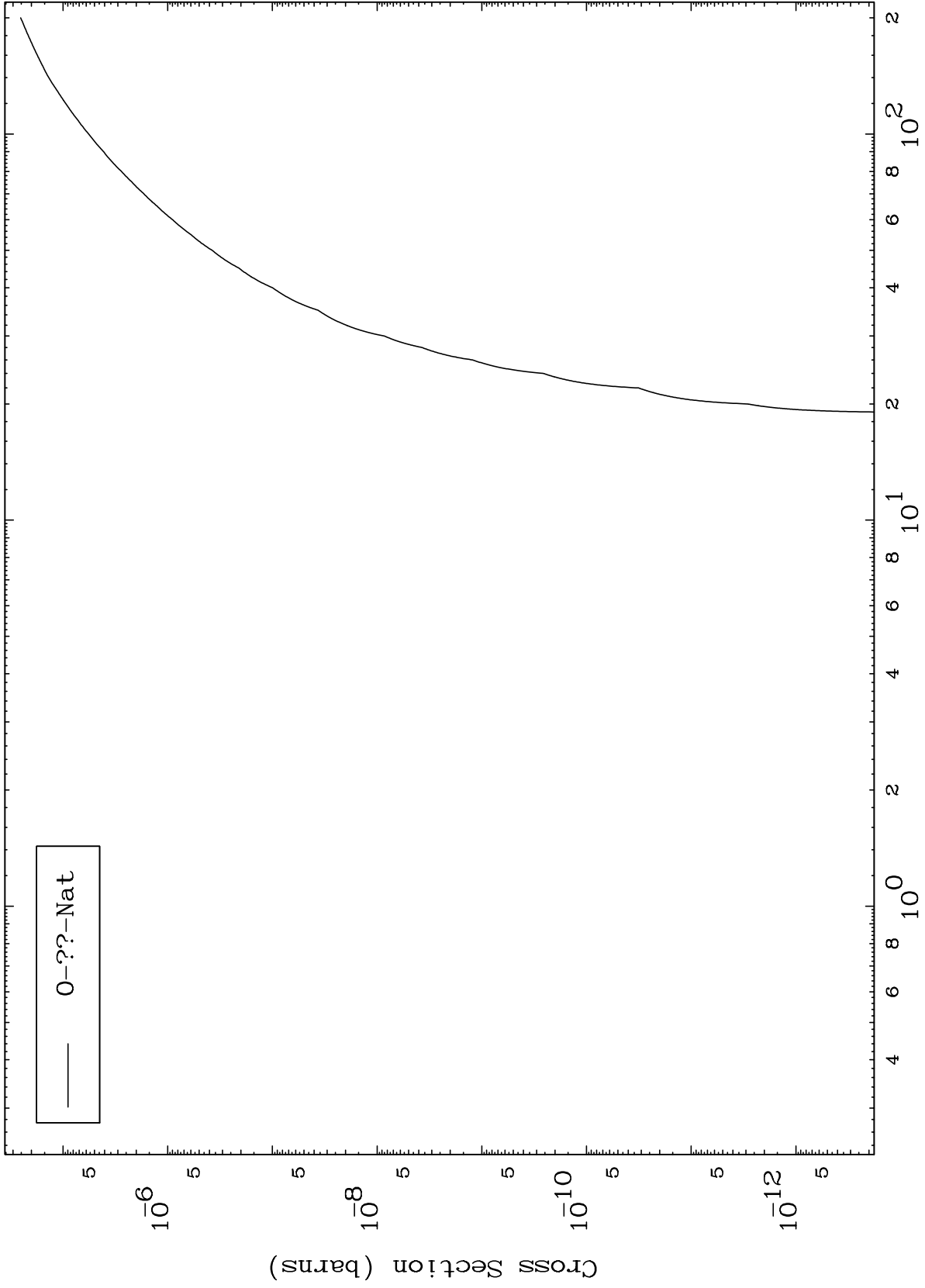
Incident Energy (MeV)

77-Ir-197m

MAT 7744

Fission
Radionuclide Production Cross Section

77-Ir-197m

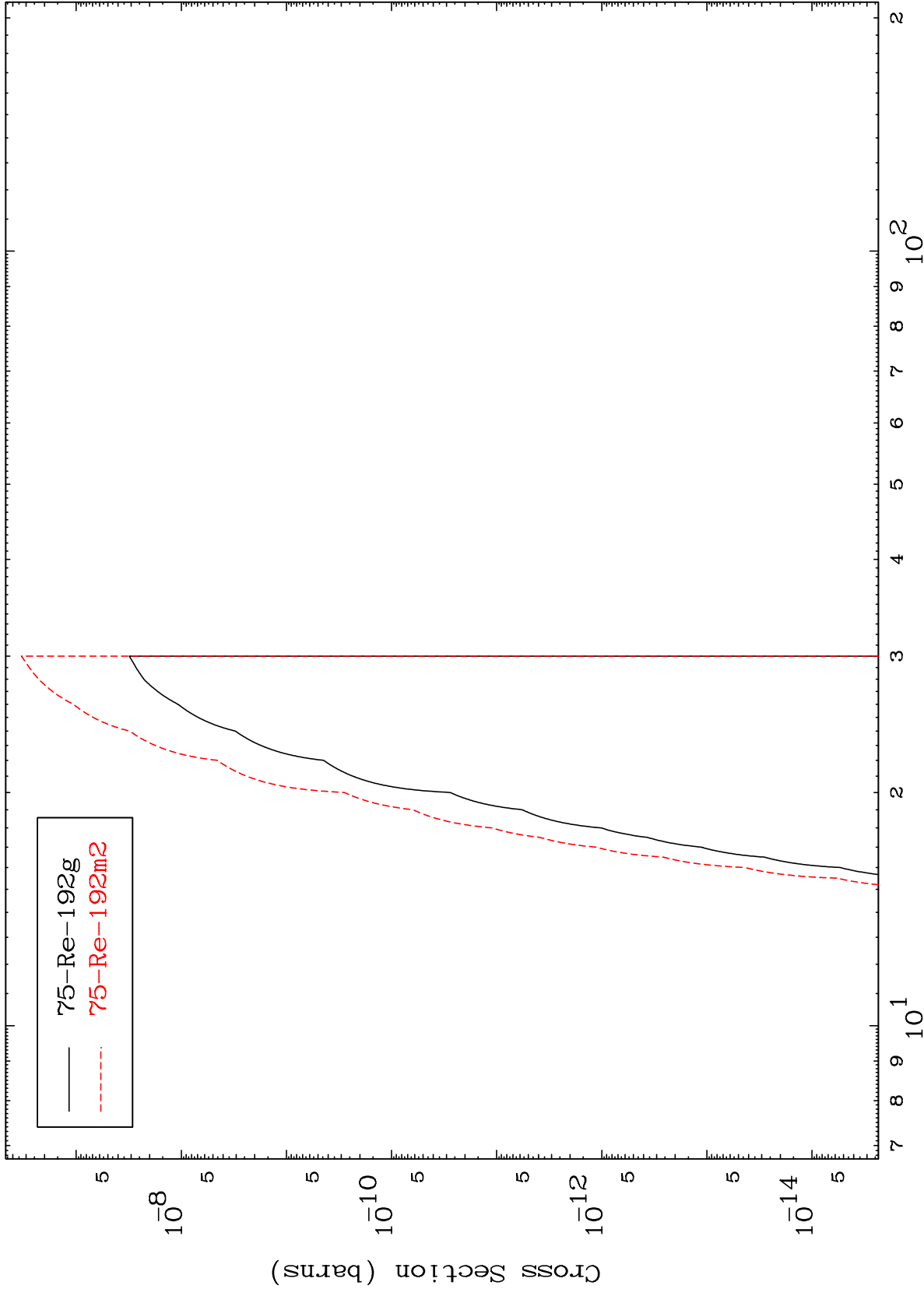


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(n,n') α

77-Ir-197m

Radionuclide Production Cross Section



Incident Energy (MeV)

77-Ir-197m

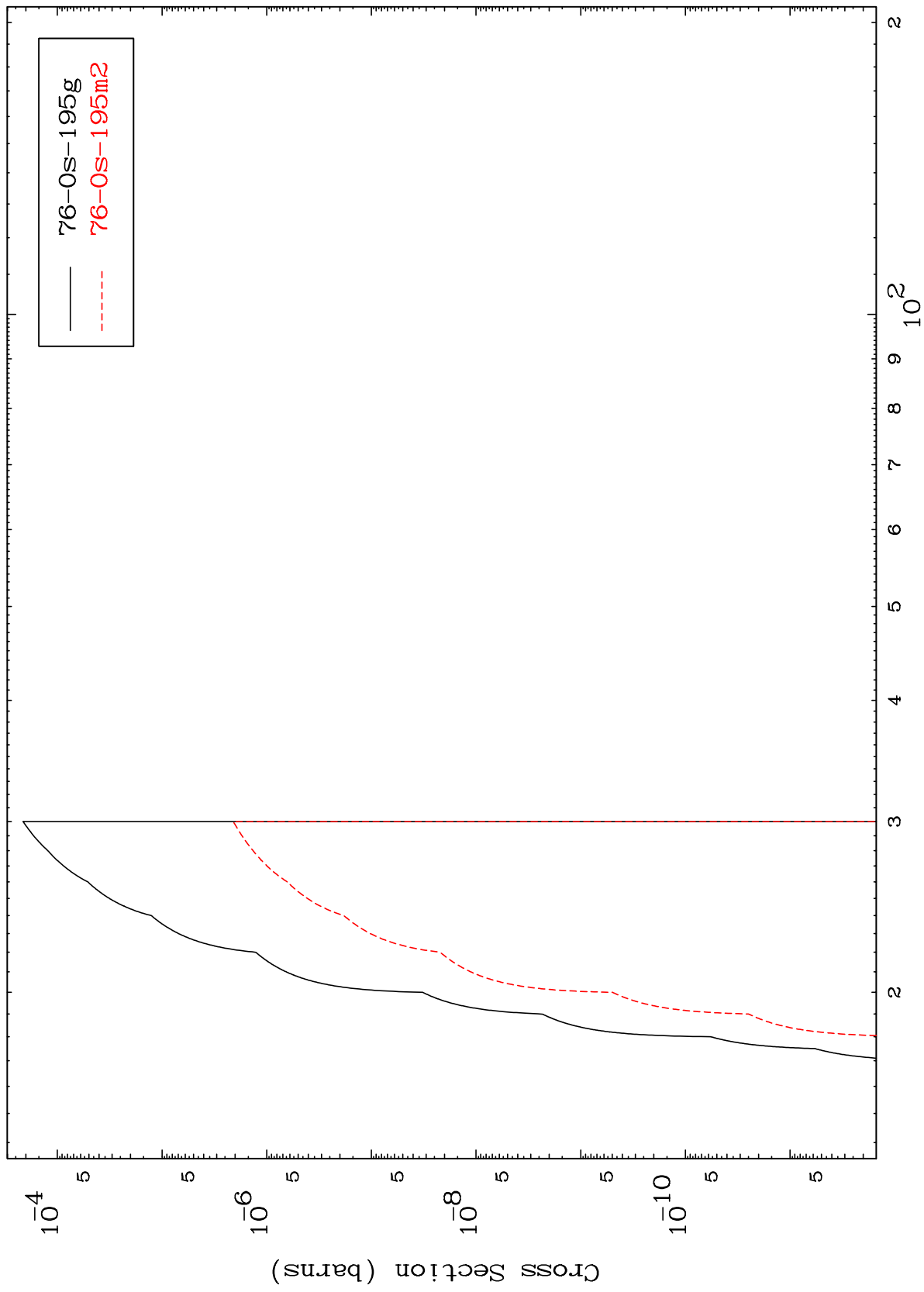
14

MAT 7744

(n,n') p

77-Ir-197m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

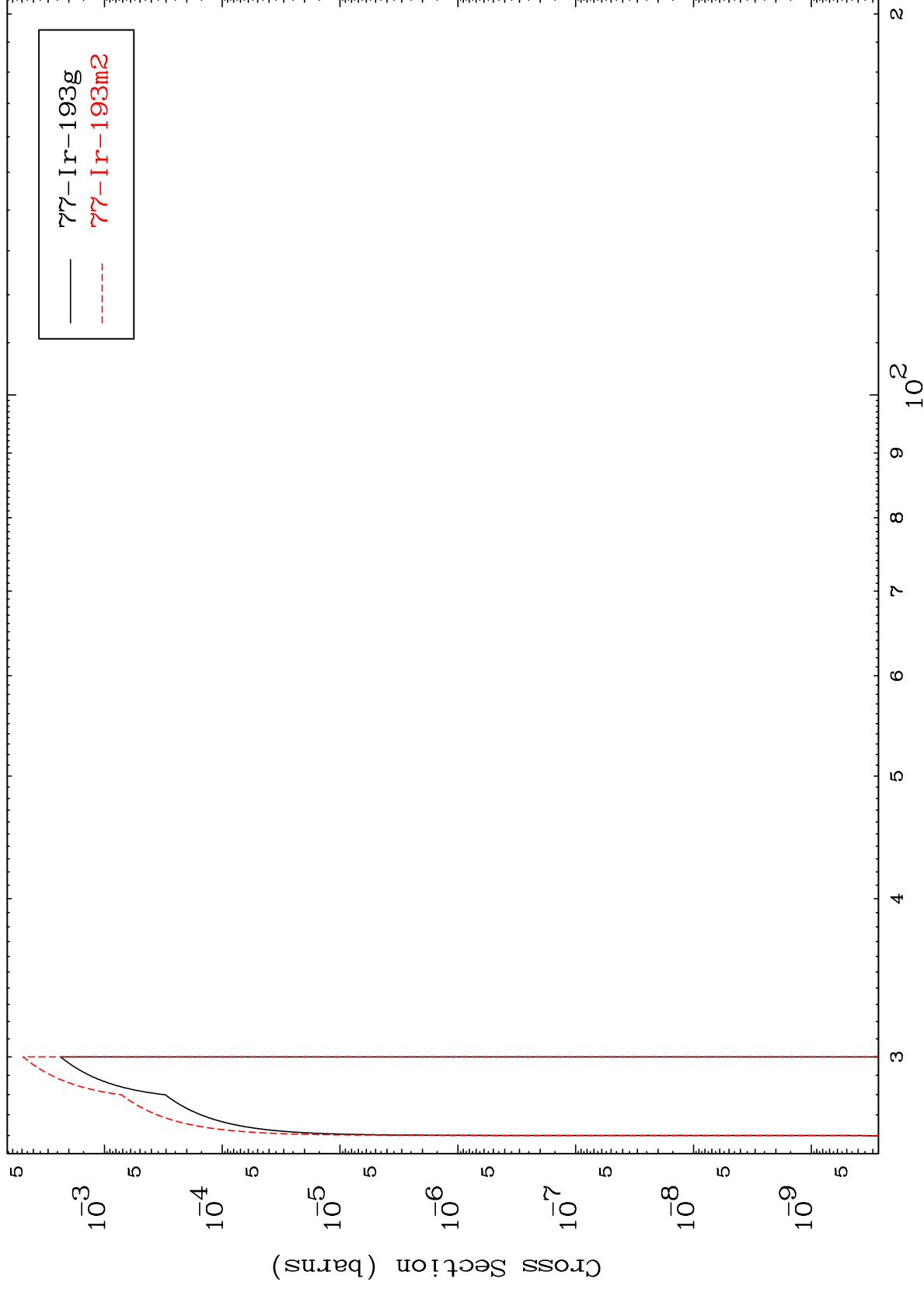
77-Ir-197m

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(n,4n)

⁷⁷Ir-197m

Radionuclide Production Cross Section



16

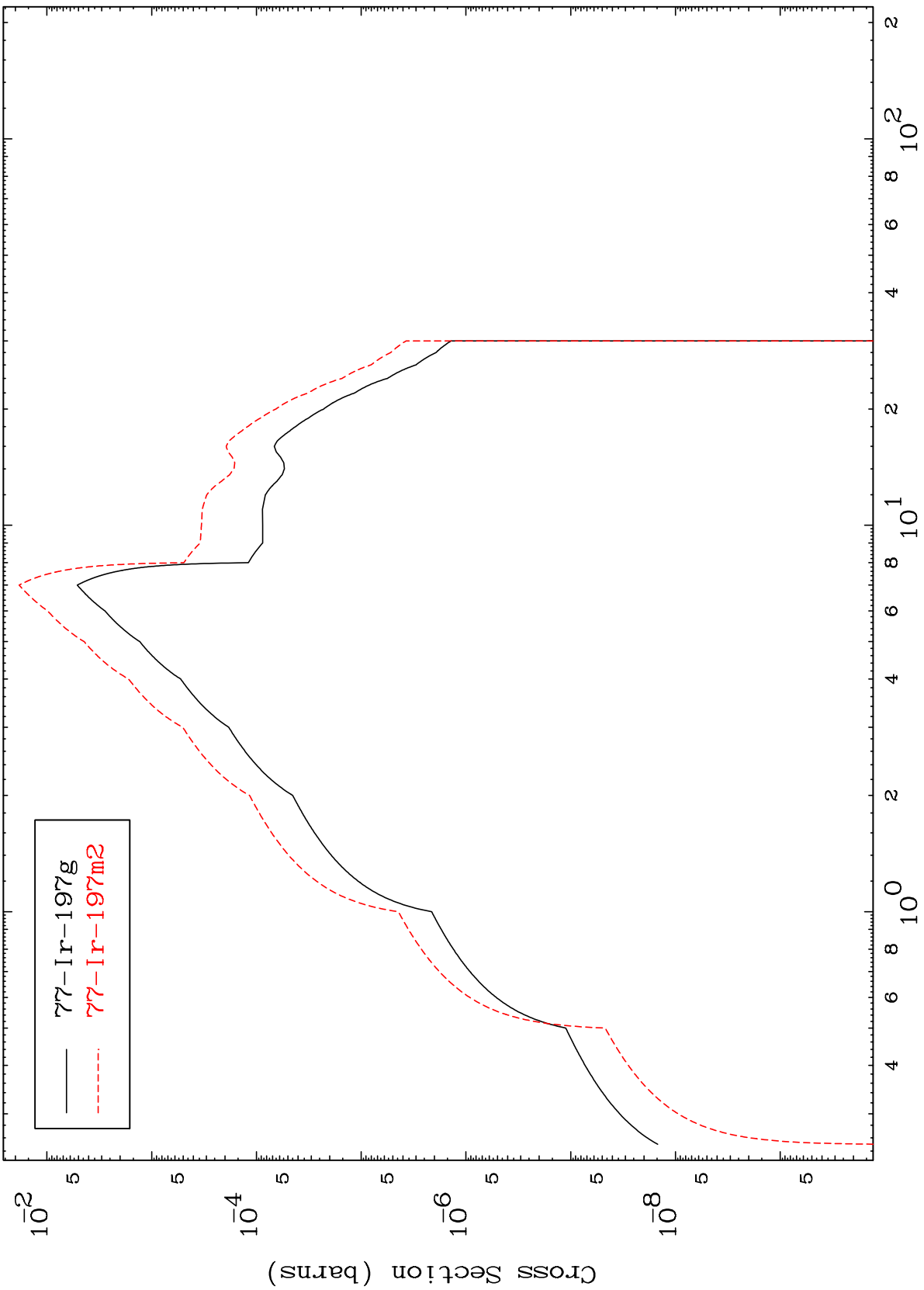
Incident Energy (MeV)

⁷⁷Ir-197m

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⁷⁷Ir-197m

Radionuclide Production Cross Section (n,γ)



Legend:
— ⁷⁷Ir-197g
- - - ⁷⁷Ir-197m2

⁷⁷Ir-197m

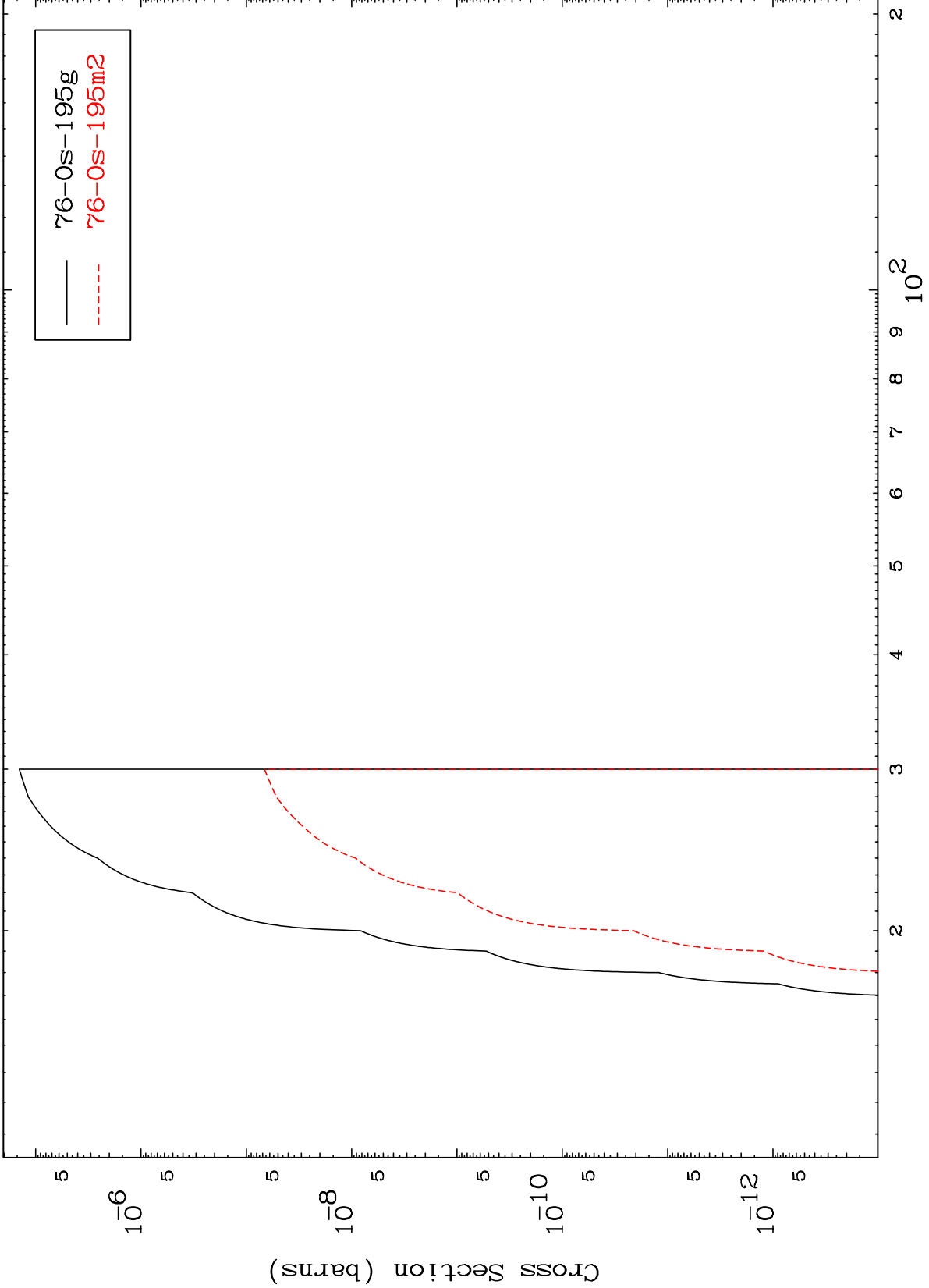
Incident Energy (MeV)

17

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77-Ir-197m

(n,d)
Radionuclide Production Cross Section



18

77-Ir-197m

Incident Energy (MeV)