

Program EVALPLOT
(Version 2021-1)

by

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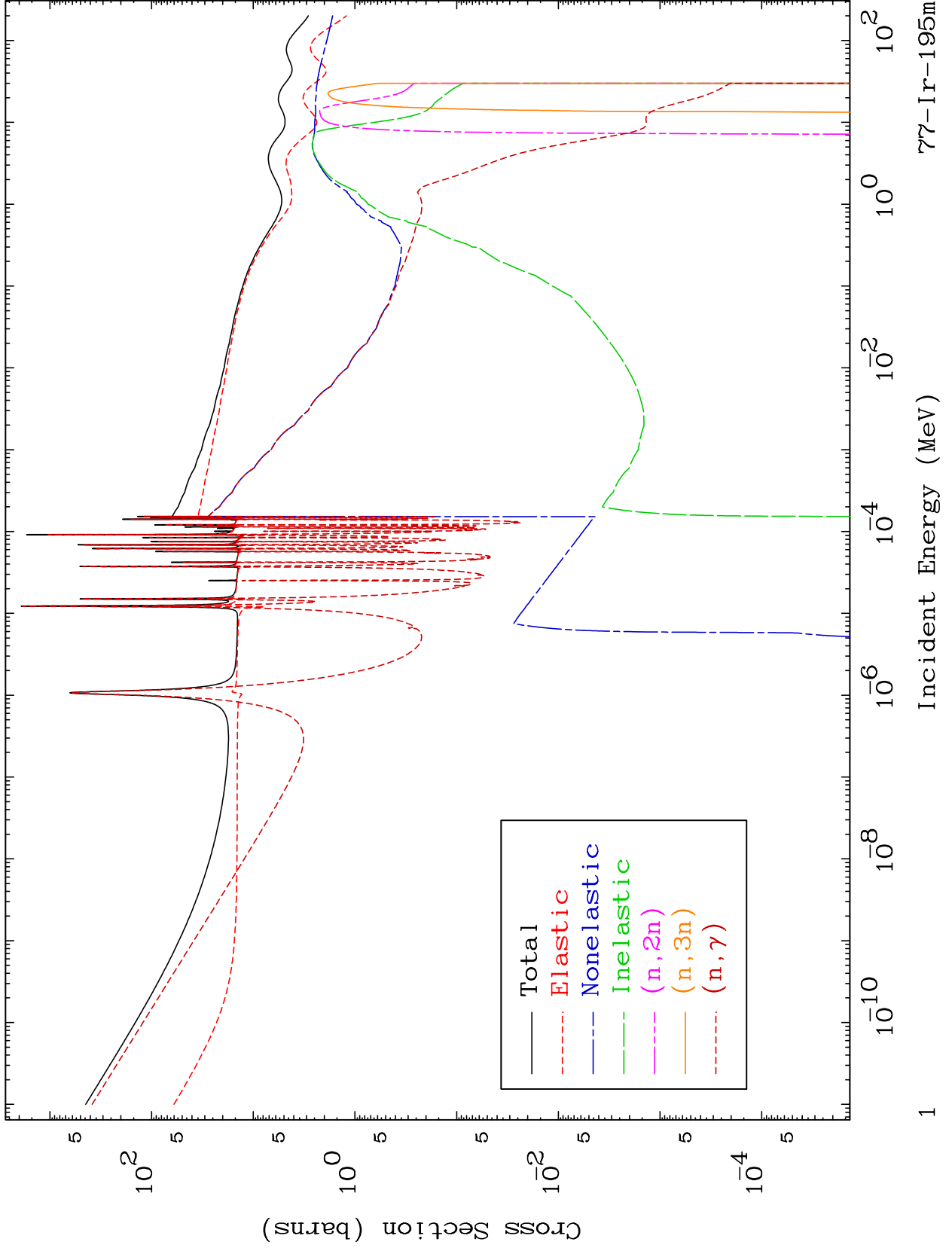
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7738

Neutron Major
293 Kelvin Cross Sections

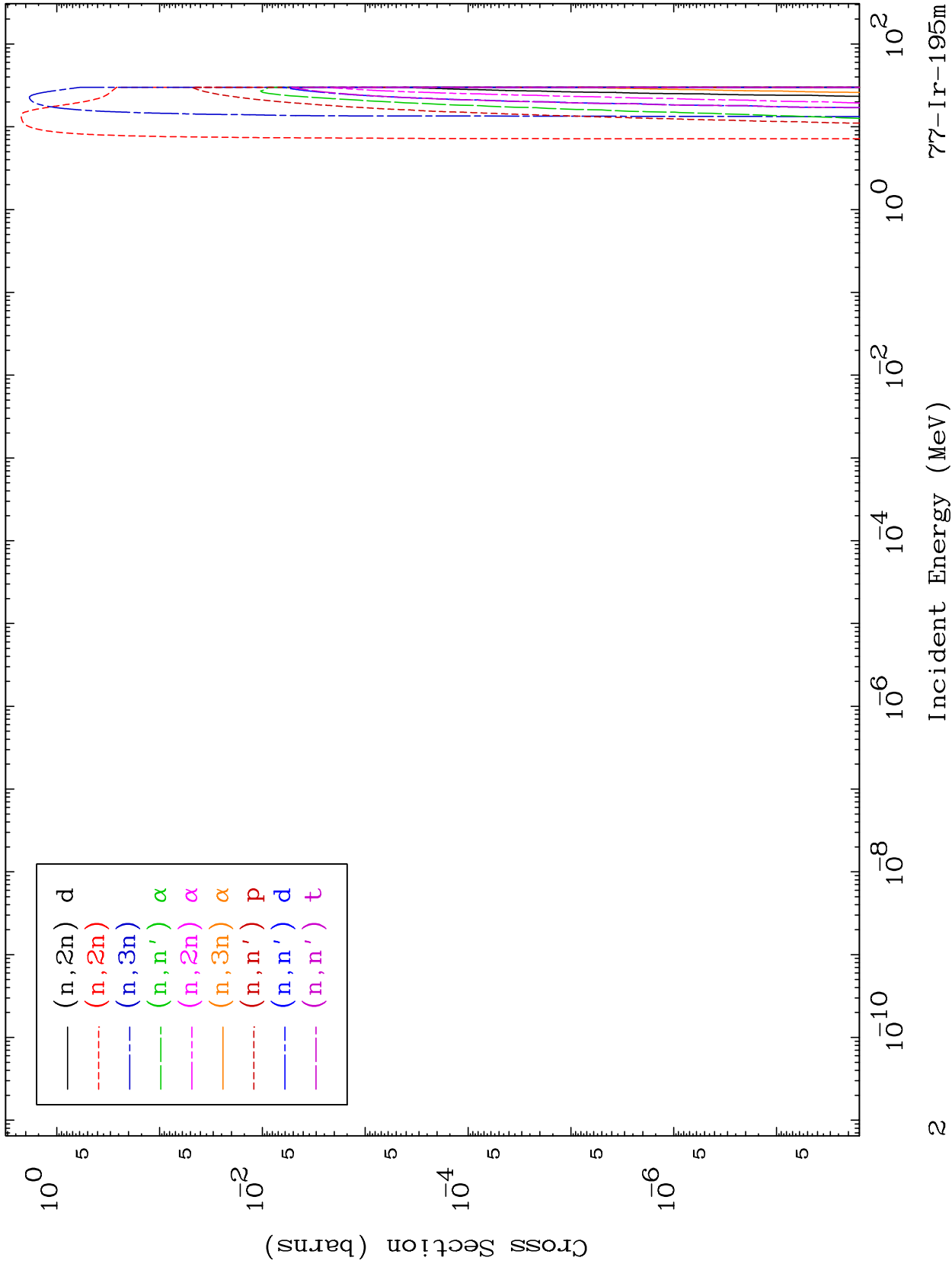
77-Ir-195m



MAT 7738

Neutron Absorption
293 Kelvin Cross Sections

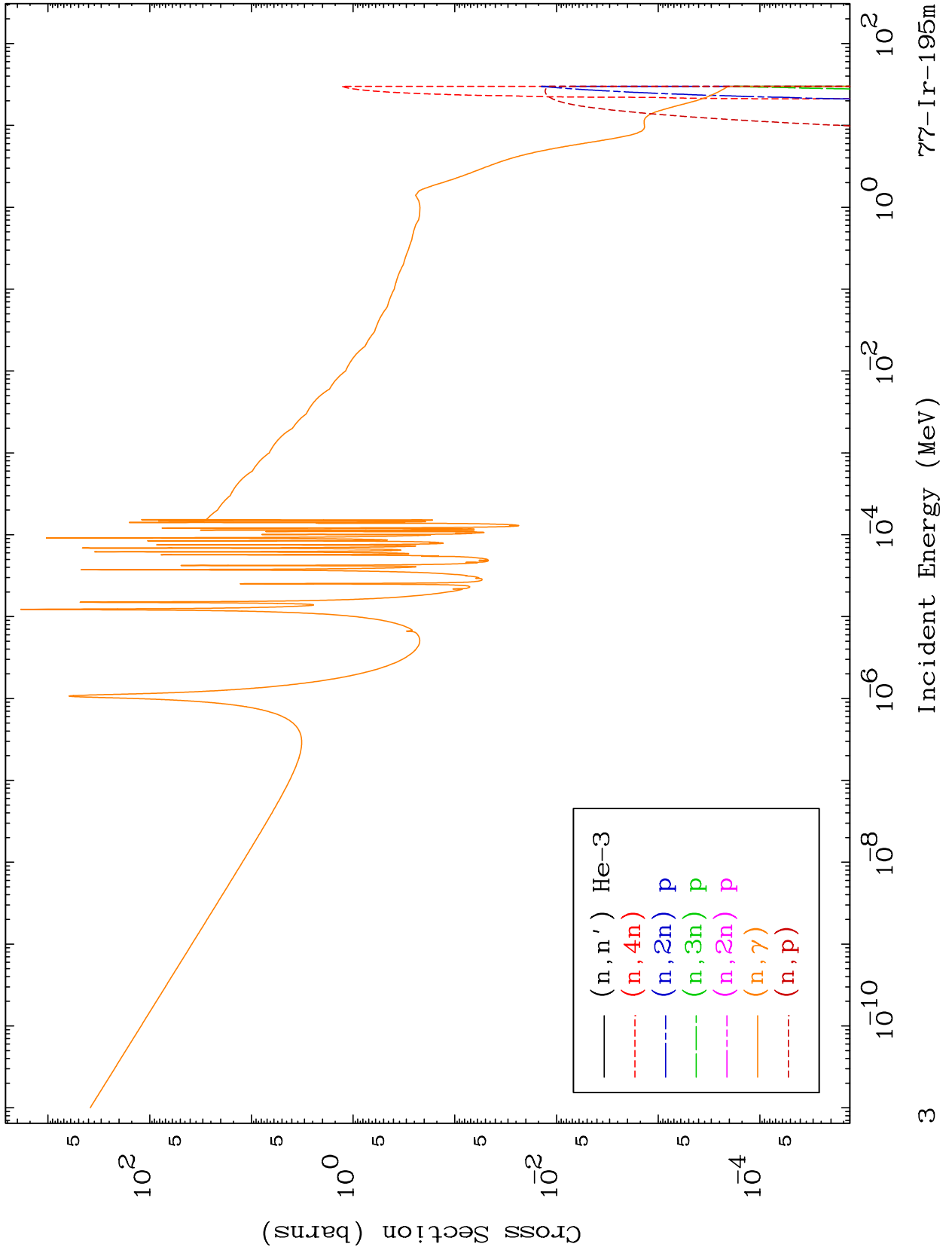
77-Ir-195m



MAT 7738

Neutron Absorption
293 Kelvin Cross Sections

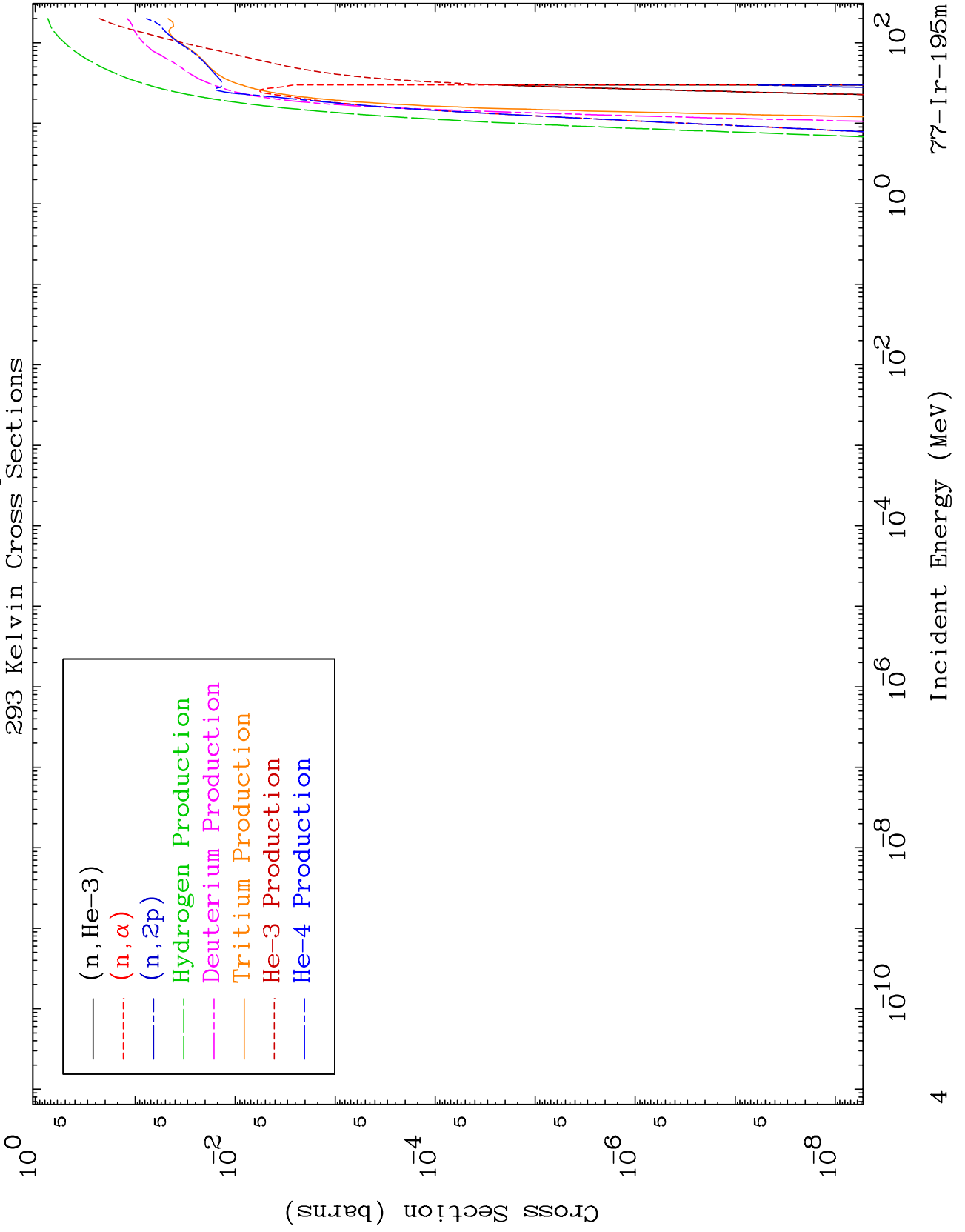
77-Ir-195m



MAT 7738

Neutron Absorption
293 Kelvin Cross Sections

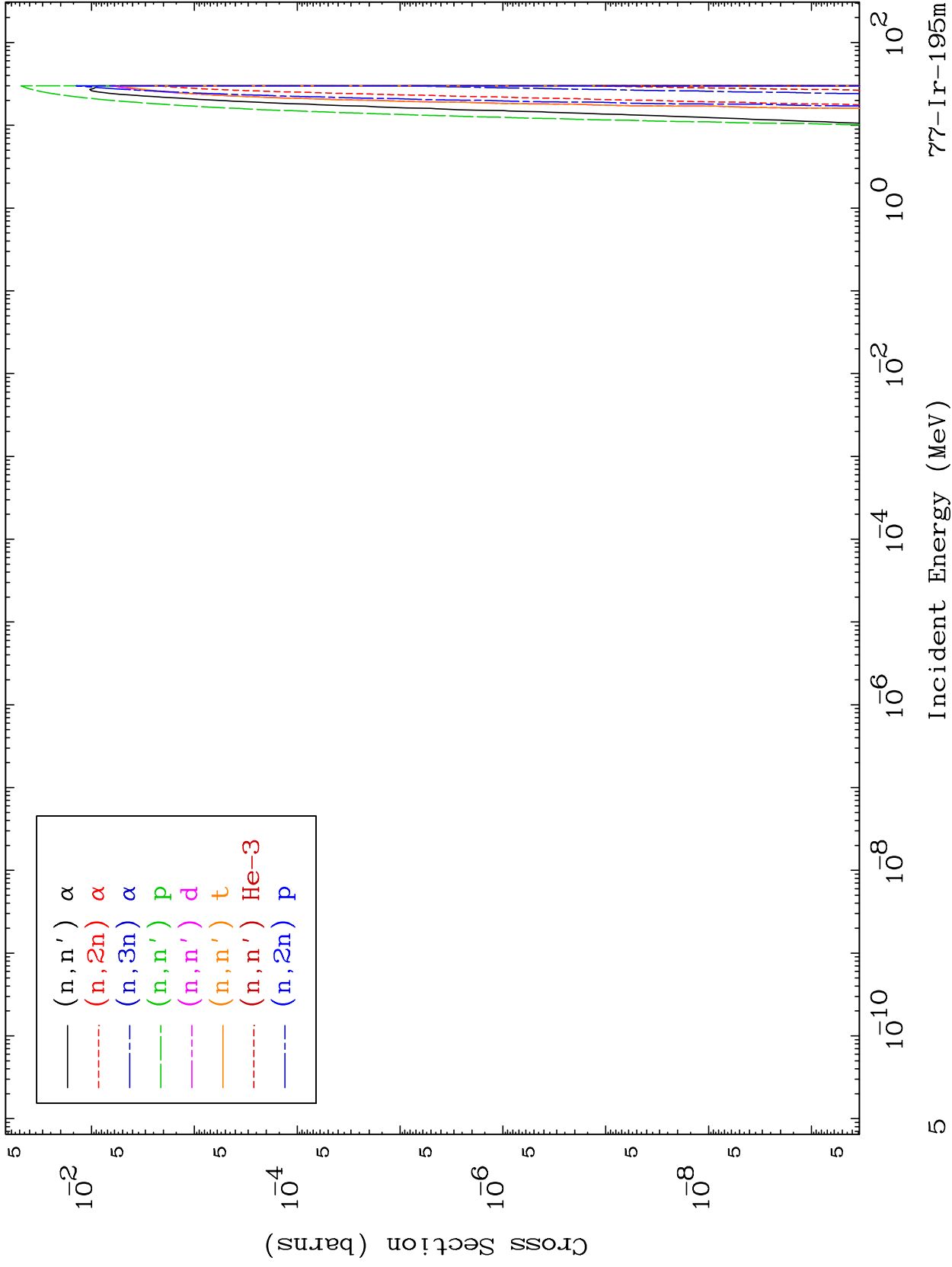
77-Ir-195m



MAT 7738

Charged Particle
293 Kelvin Cross Sections

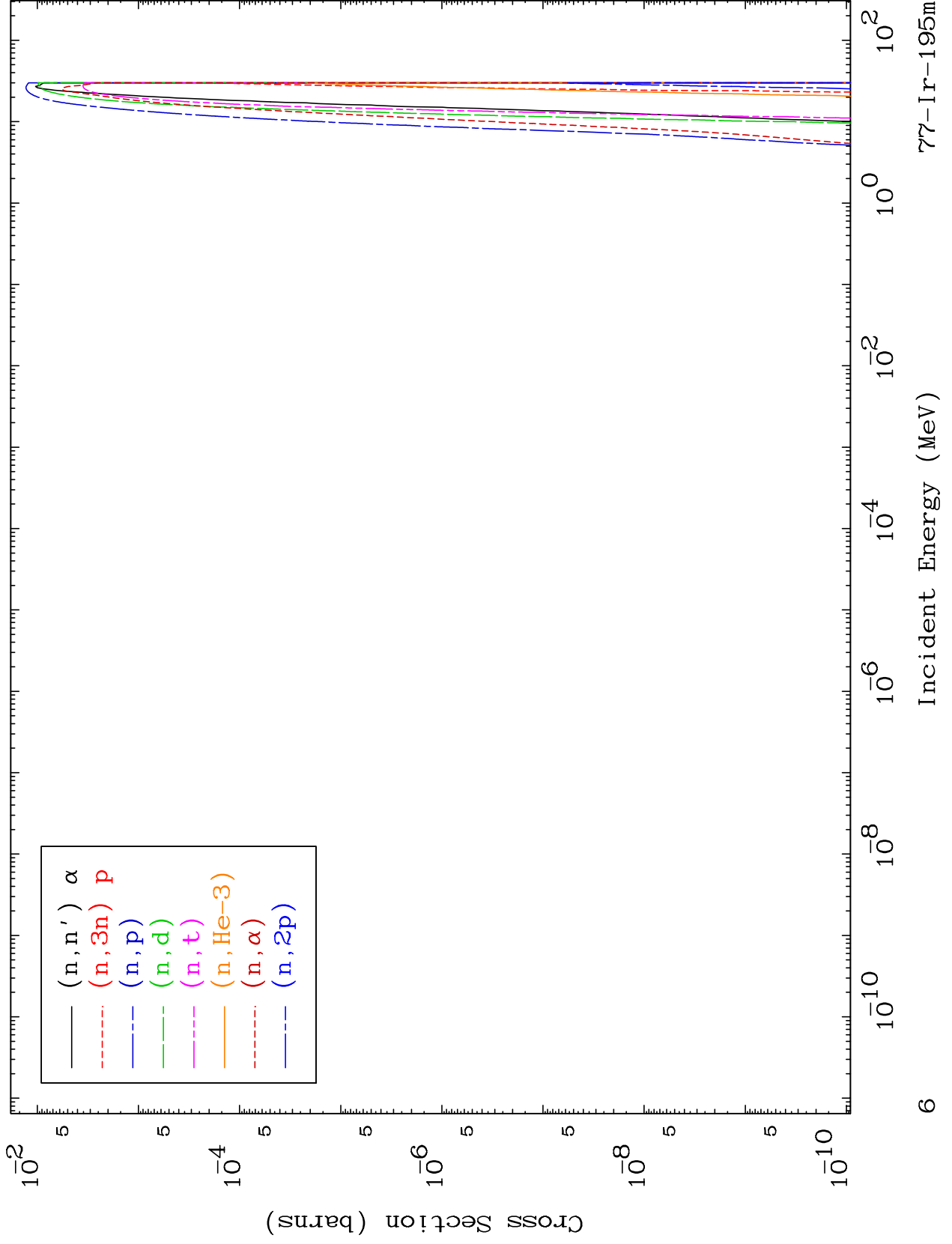
77-Ir-195m



MAT 7738

Charged Particle
293 Kelvin Cross Sections

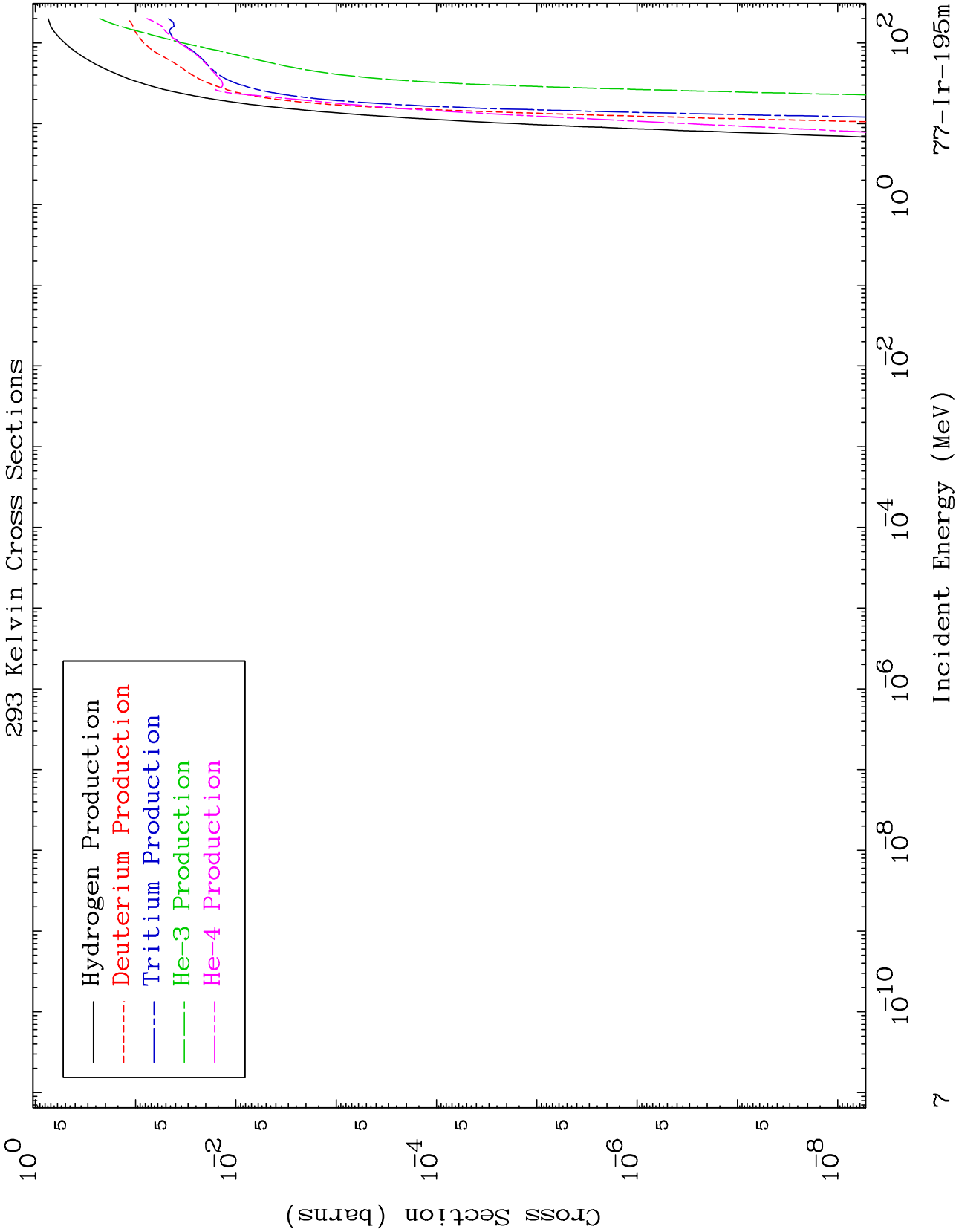
⁷⁷Ir-195m



MAT 7738

Particle Production
293 Kelvin Cross Sections

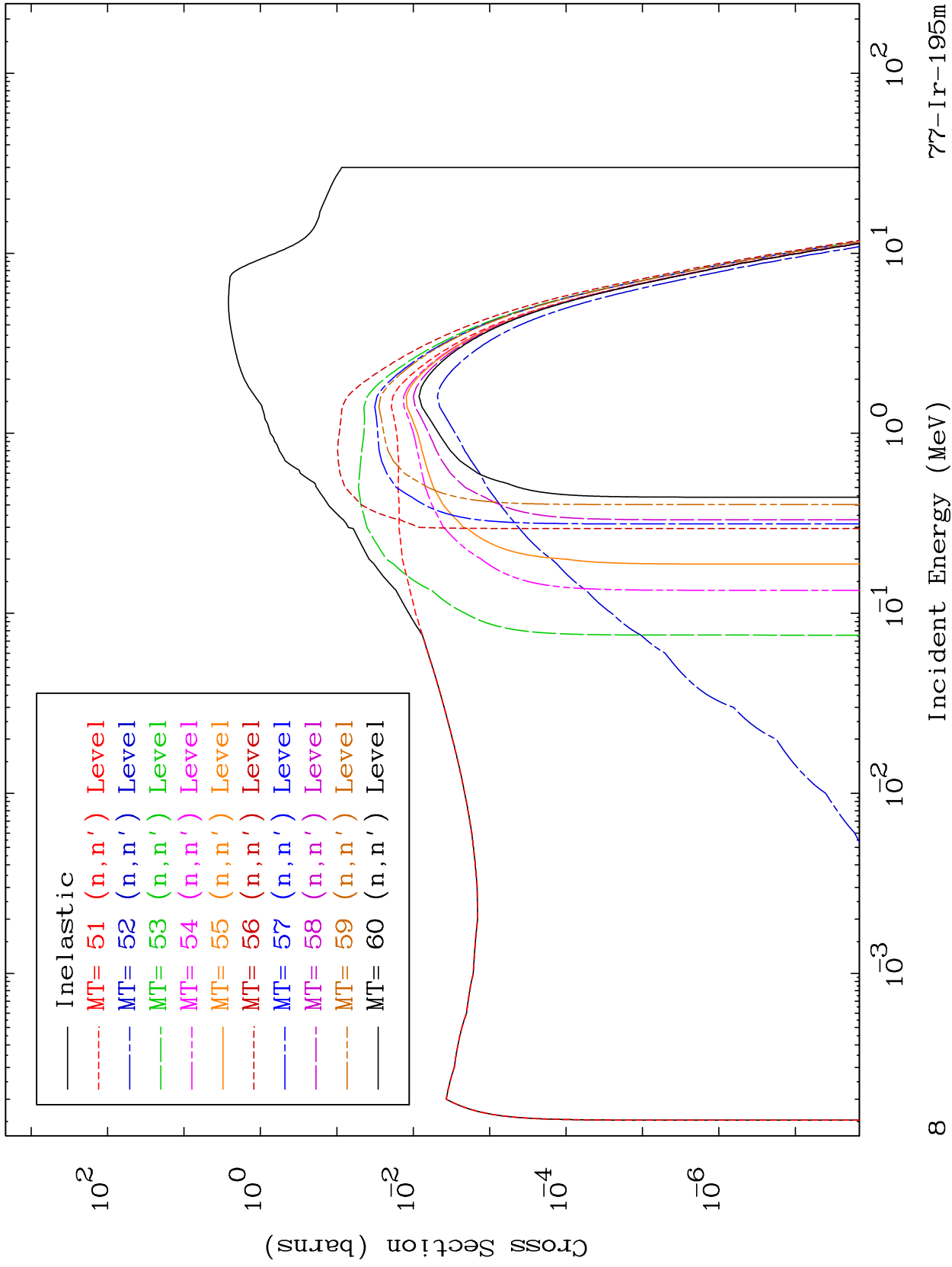
77-Ir-195m



MAT 7738

(n,n') Levels
293 Kelvin Cross Sections

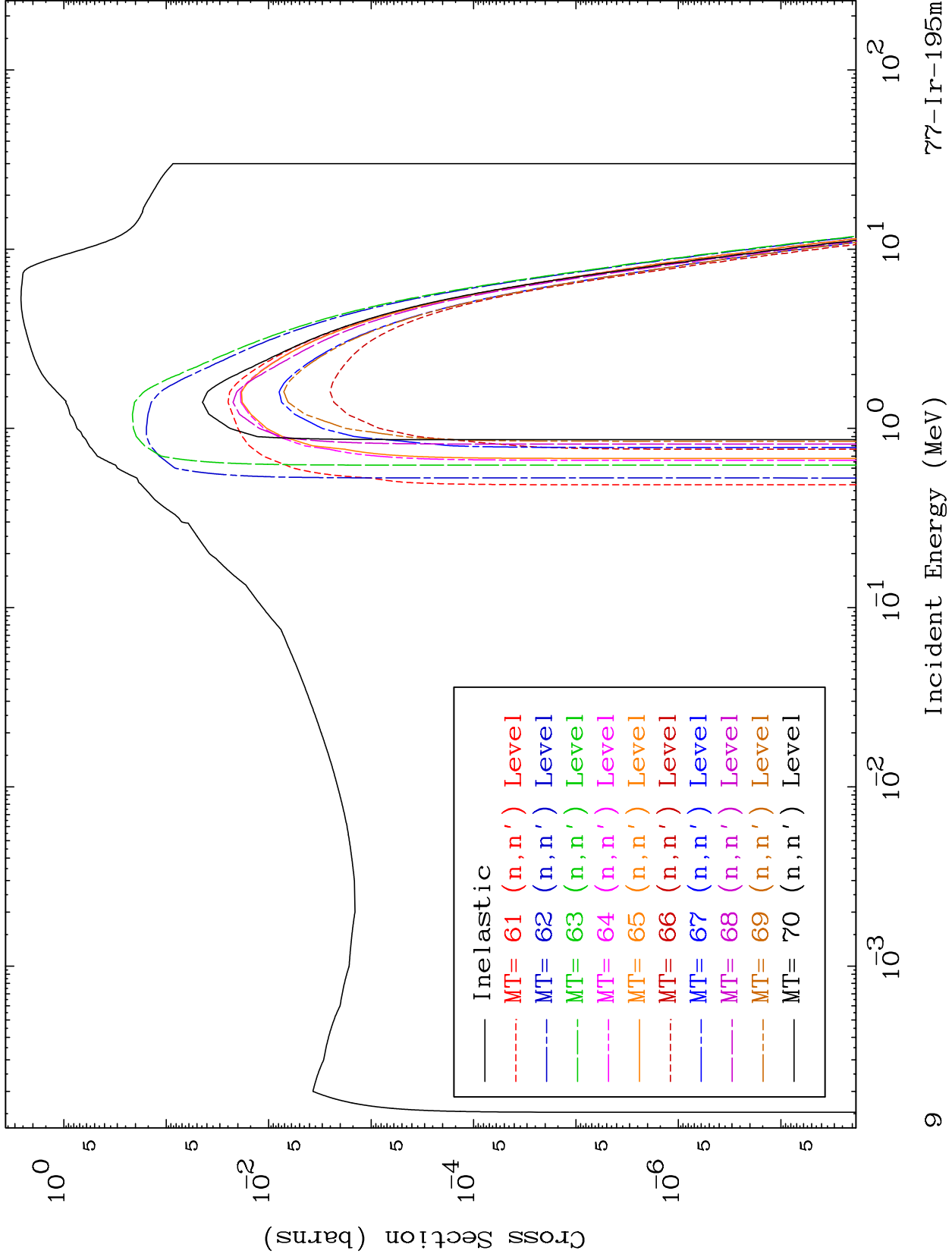
77-Ir-195m



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(n,n') Levels
293 Kelvin Cross Sections

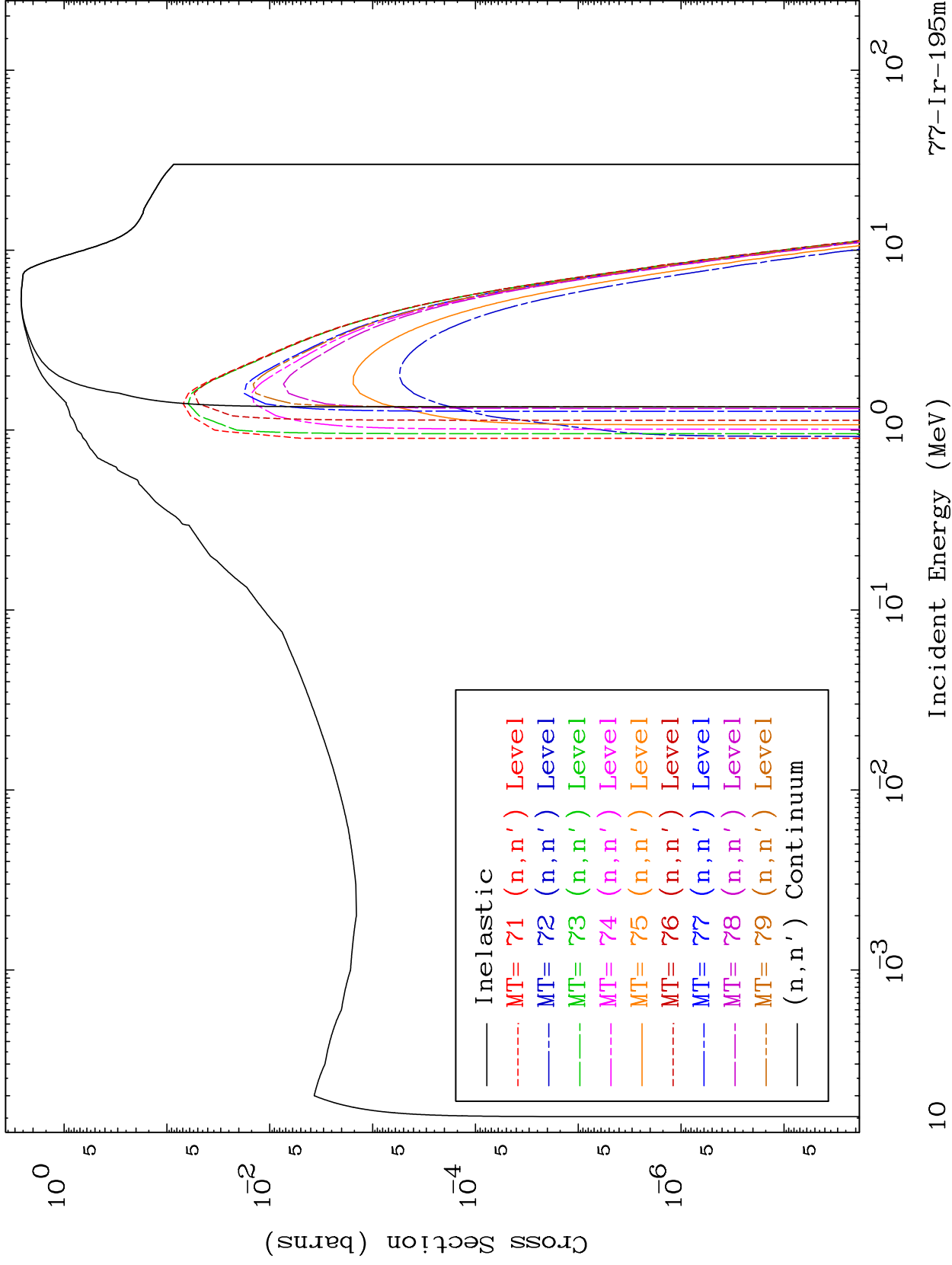
77-Ir-195m



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(n,n') Levels
293 Kelvin Cross Sections

77-Ir-195m



10

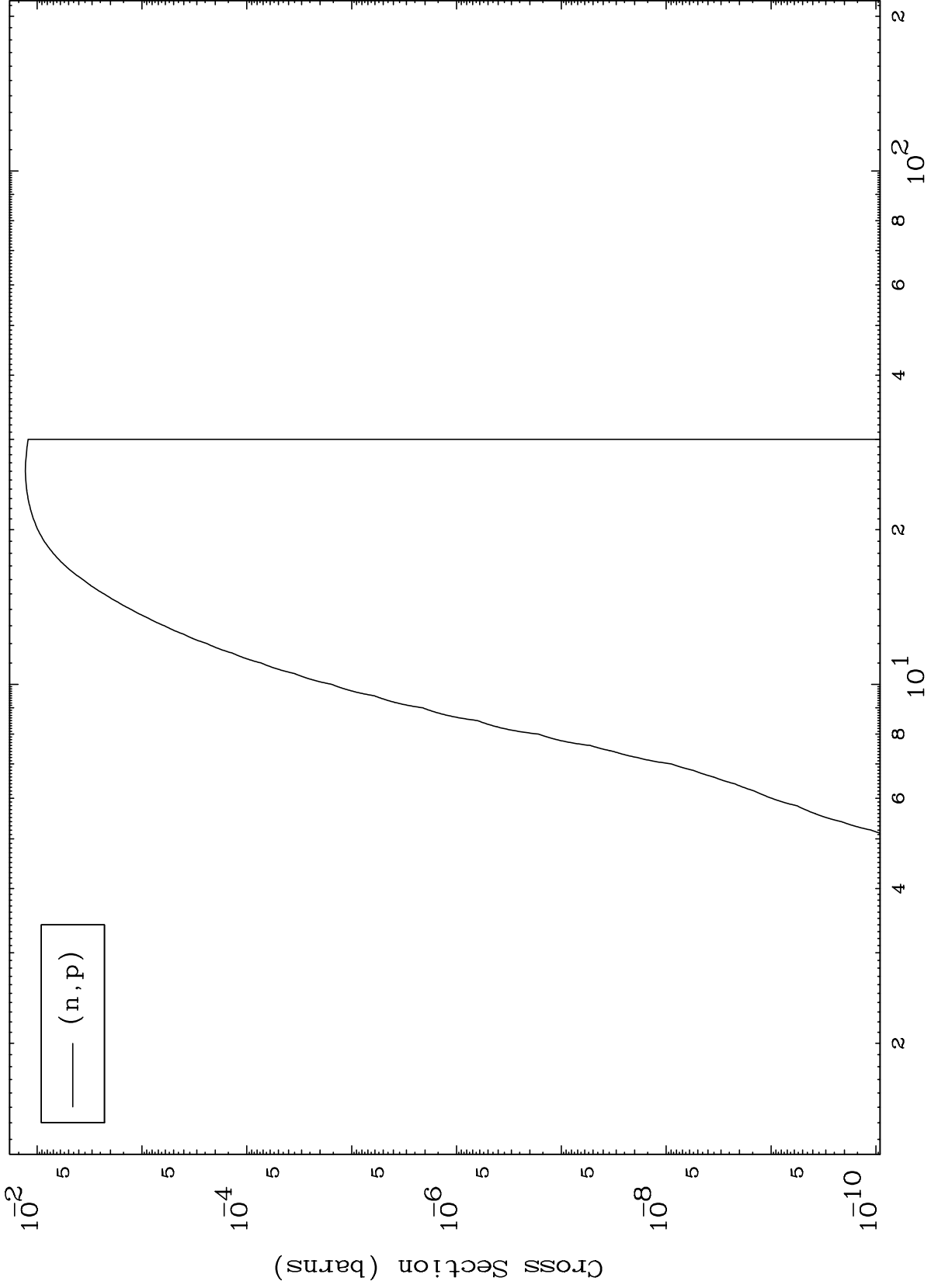
Incident Energy (MeV)

77-Ir-195m

MAT 7738

(n,p) Levels
293 Kelvin Cross Sections

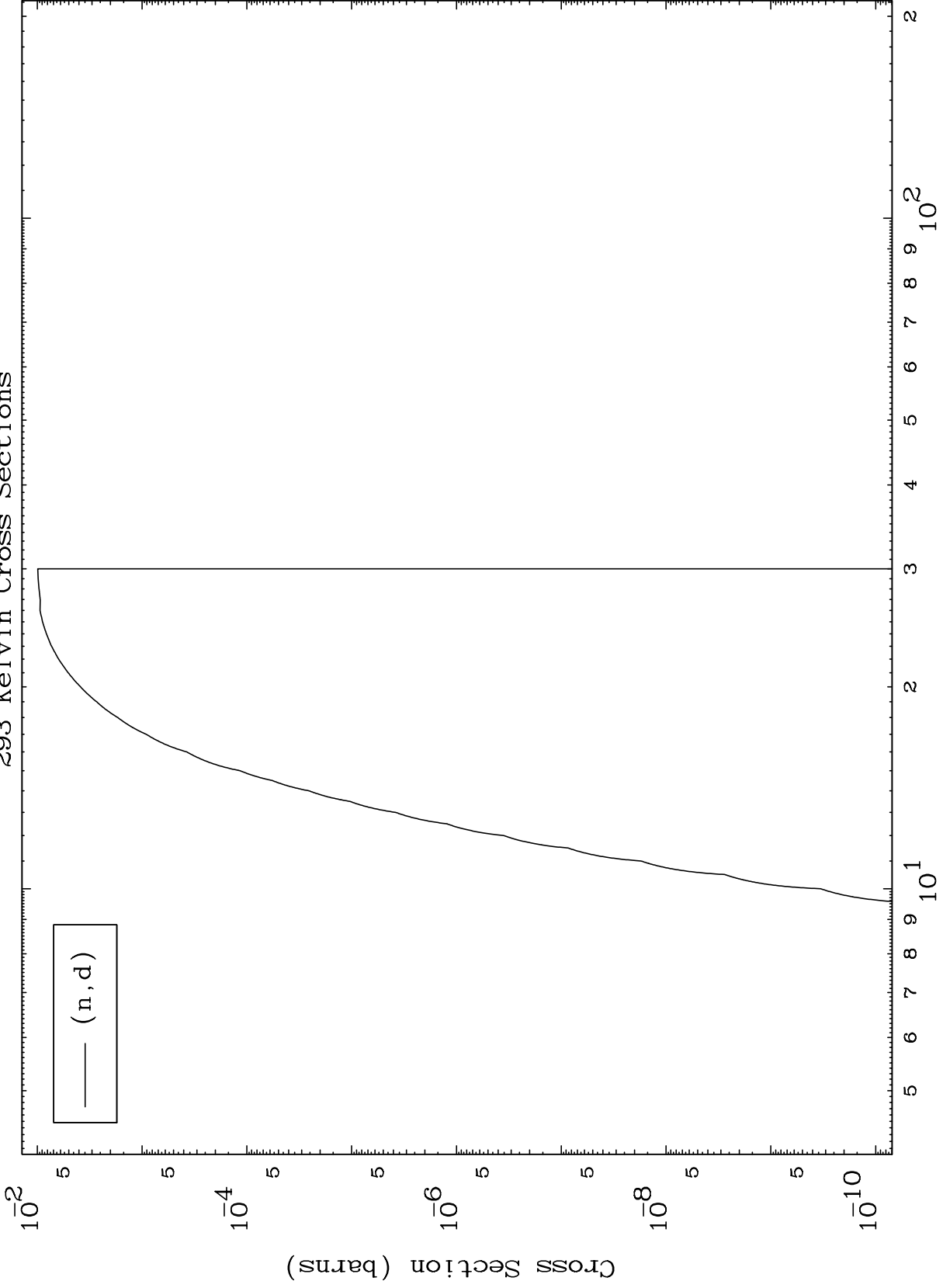
77-Ir-195m



MAT 7738

(n,d) Levels
293 Kelvin Cross Sections

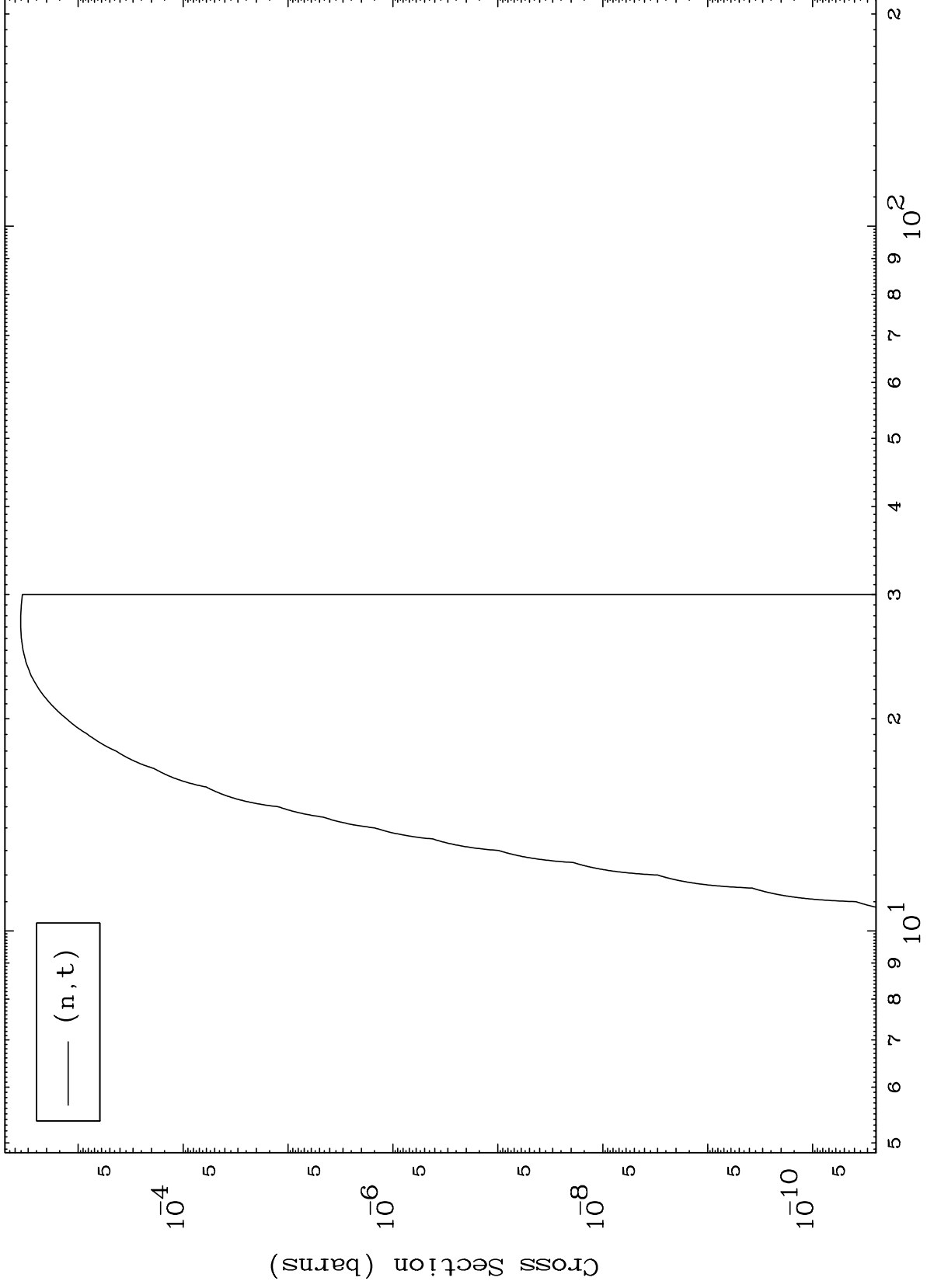
77-Ir-195m



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(n,t) Levels
293 Kelvin Cross Sections

77-Ir-195m



13

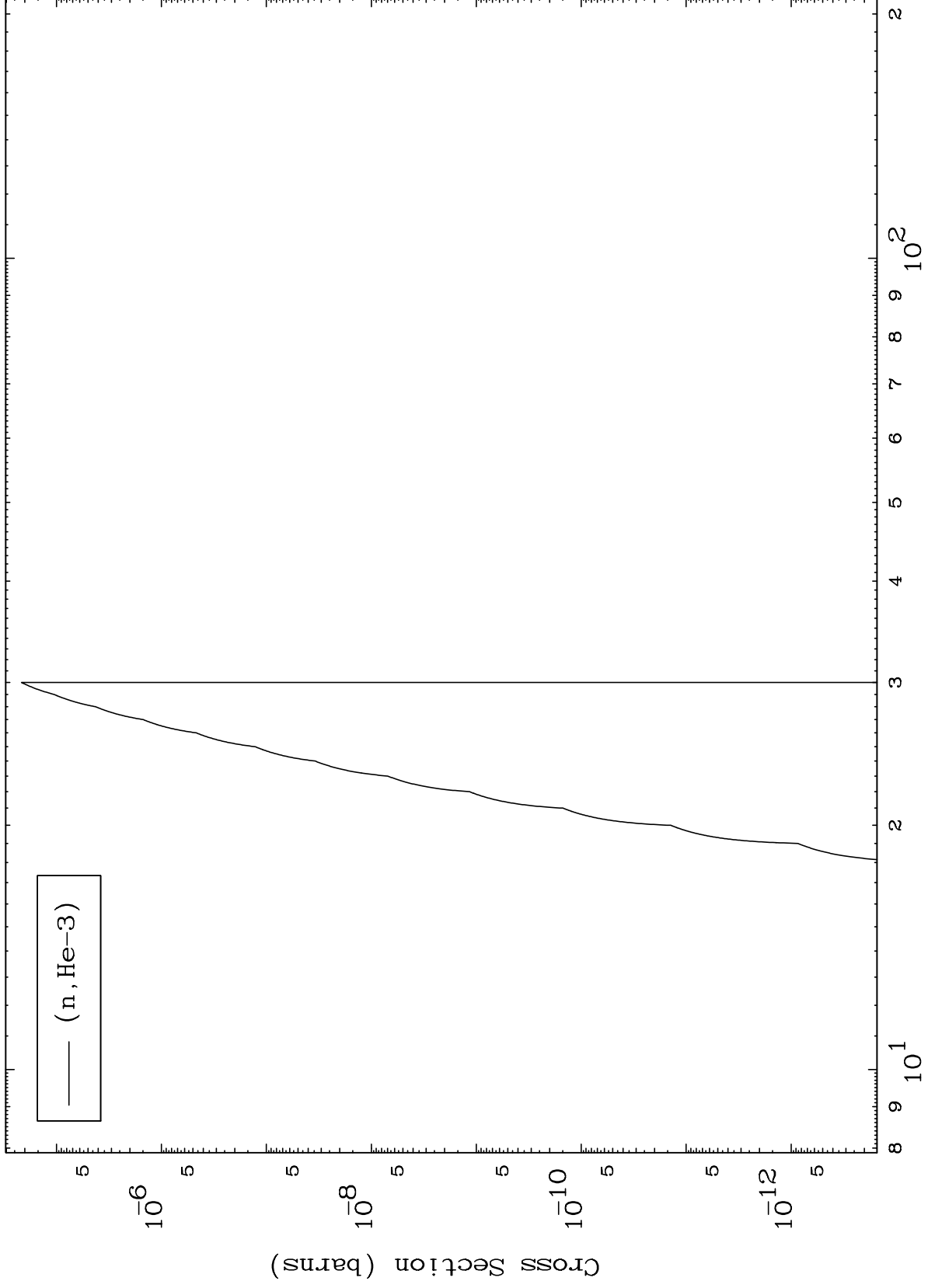
Incident Energy (MeV)

77-Ir-195m

MAT 7738

(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-195m



14

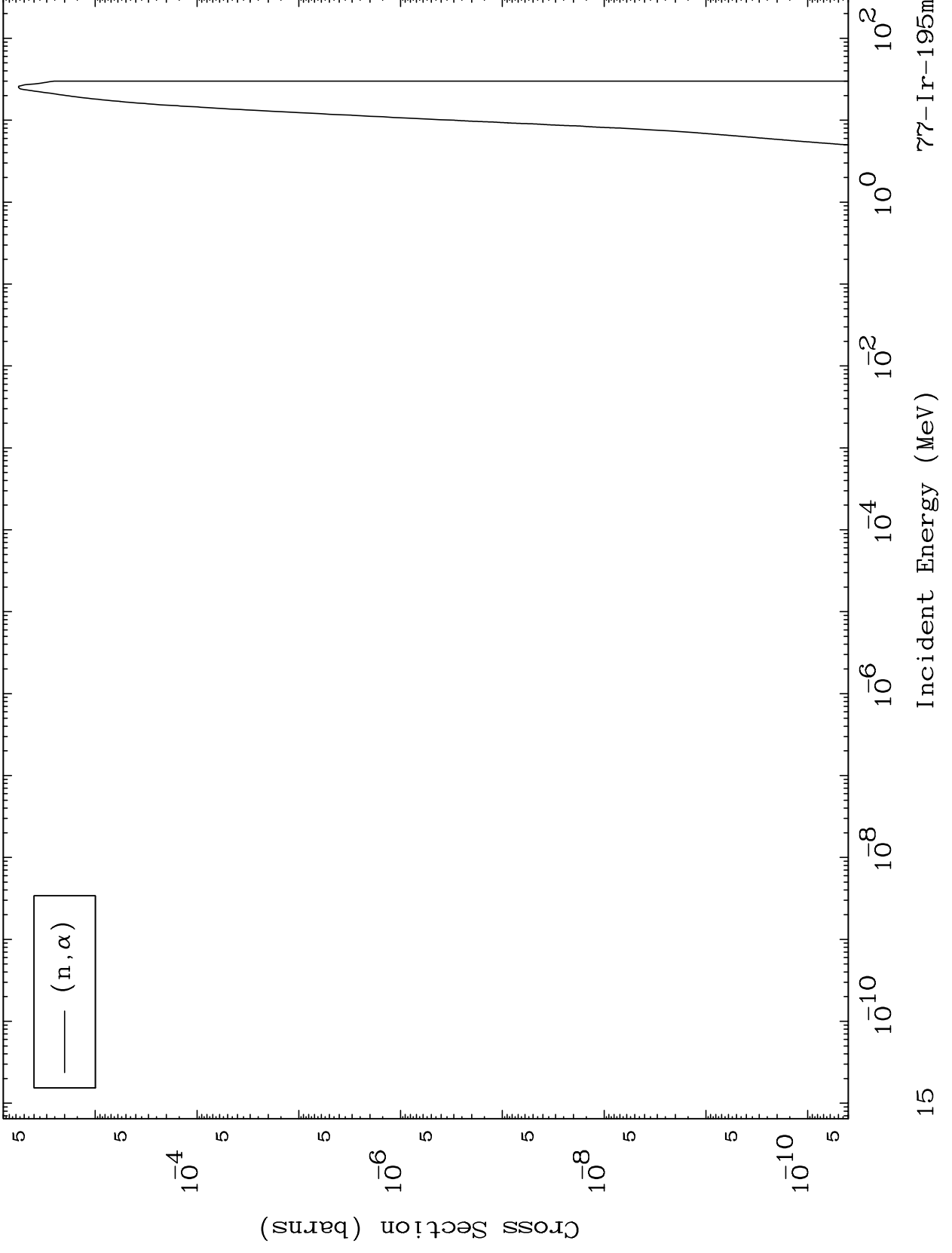
Incident Energy (MeV)

77-Ir-195m

MAT 7738

(n, α) Levels
293 Kelvin Cross Sections

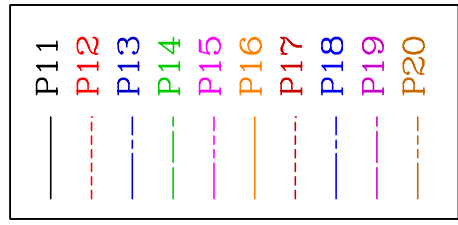
77-Ir-195m



MAT 7738

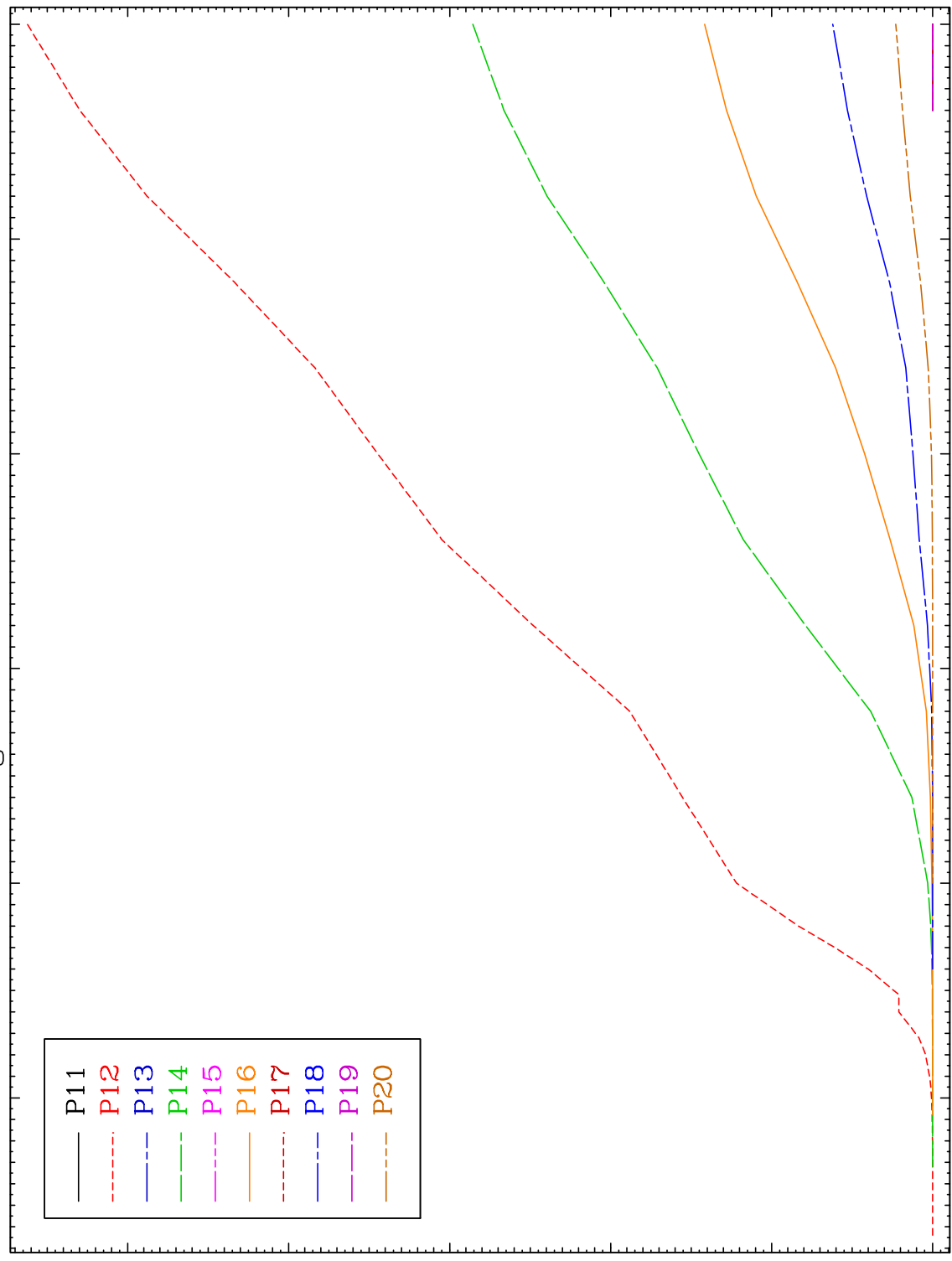
Elastic Legendre Coefficients

77-Ir-195m



$\times 10^{-4}$

Legendre (CM)



17

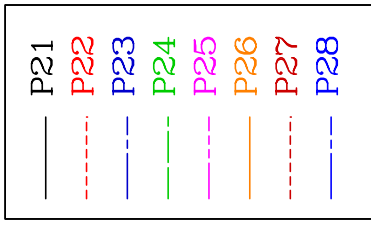
Incident Energy (MeV)

77-Ir-195m

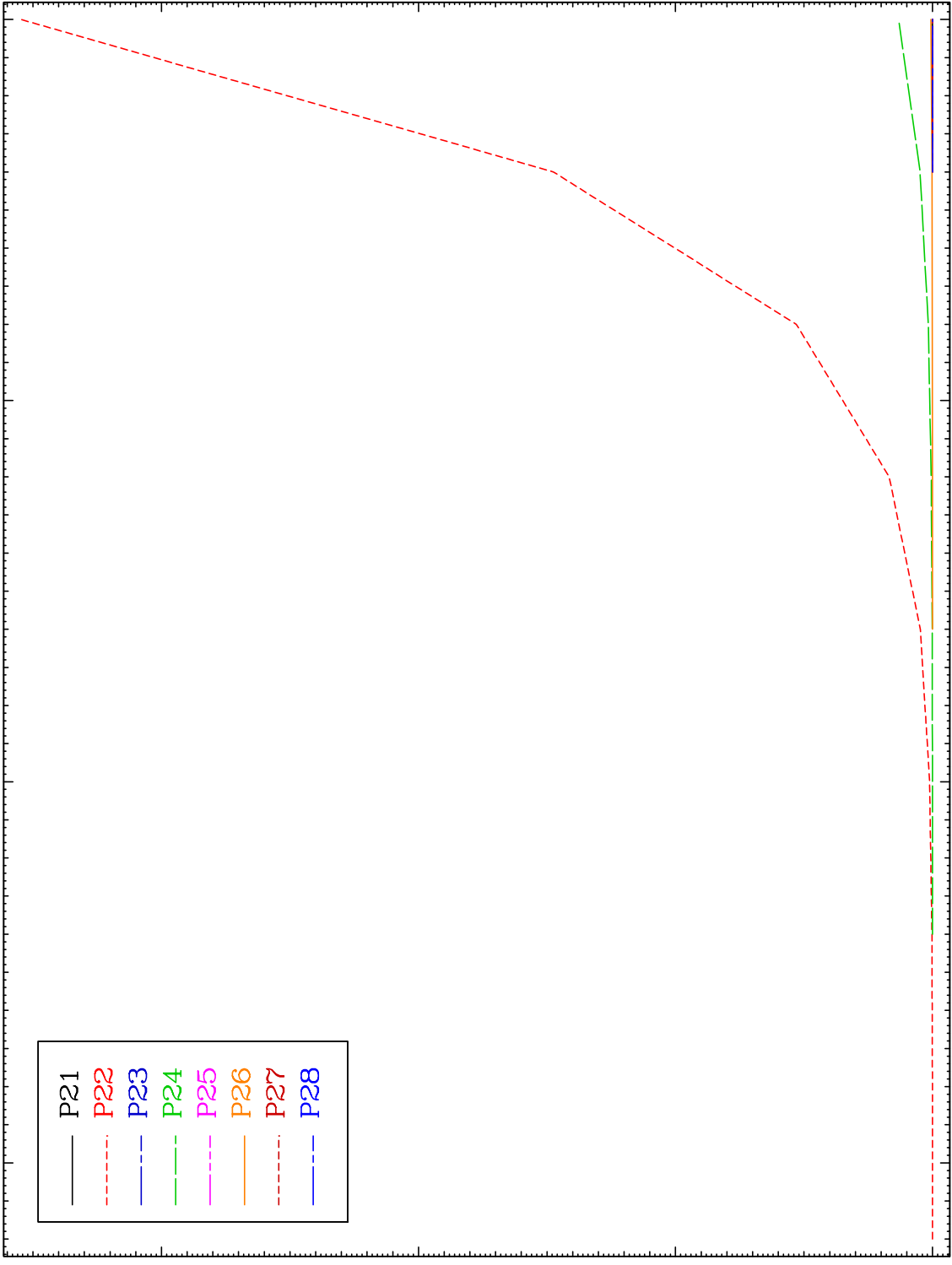
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Elastic
Legendre Coefficients

77-Ir-195m



$\times 10^{-6}$
Legendre (CM)
0.0
0.5
1.0
1.5



18

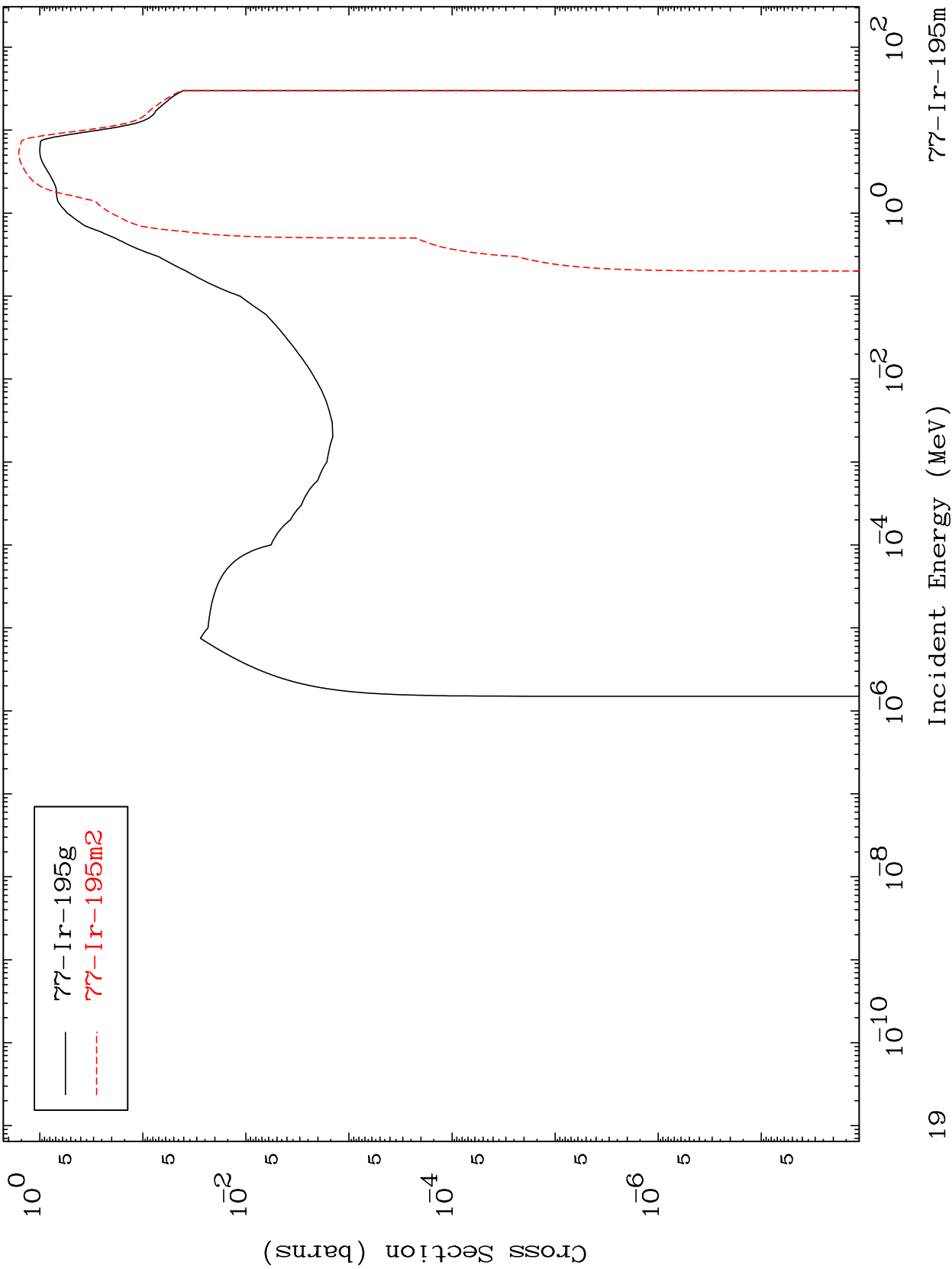
Incident Energy (MeV)

77-Ir-195m

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⁷⁷Ir-195m

Inelastic
Radionuclide Production Cross Section

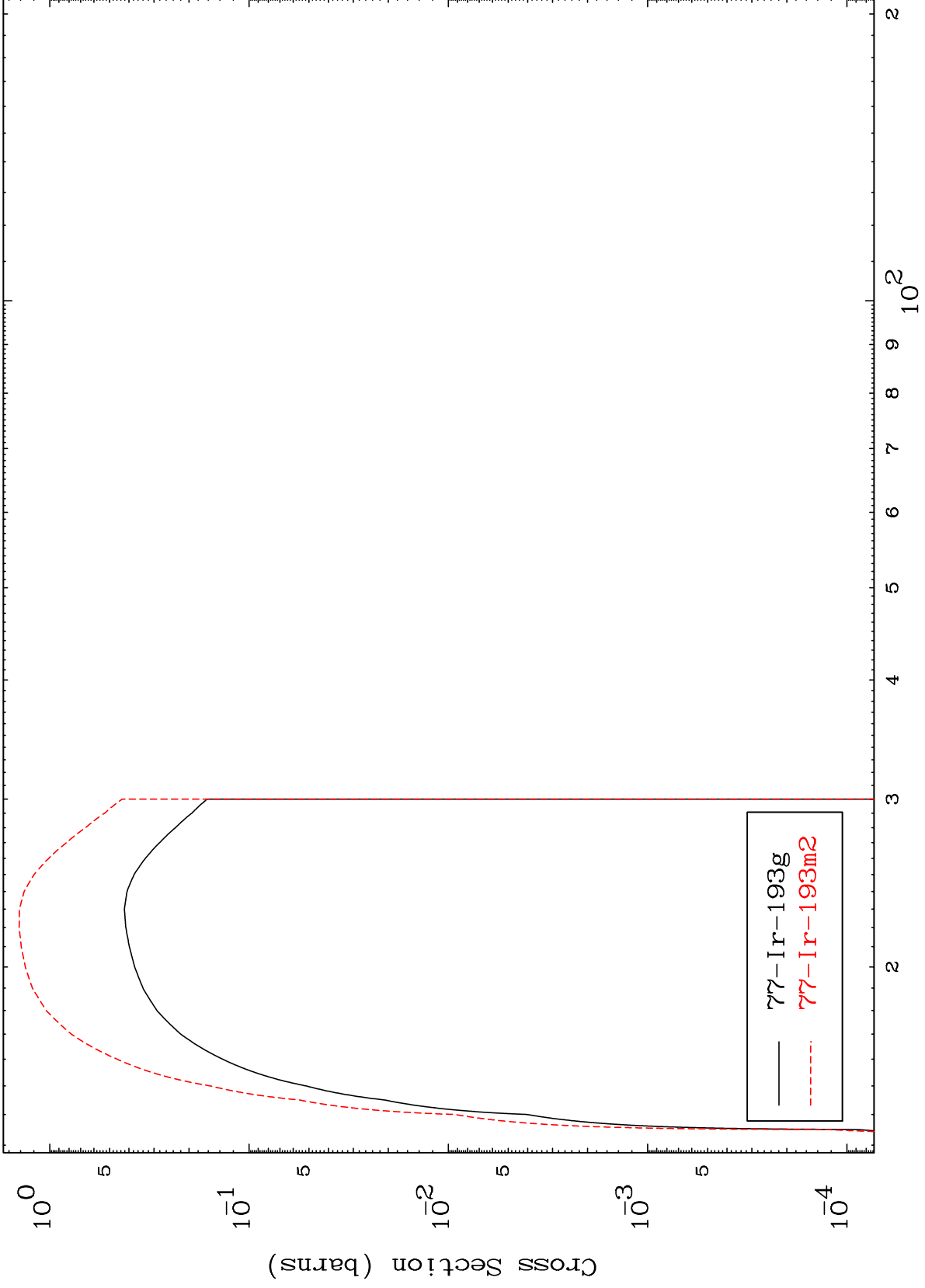


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(n,3n)

⁷⁷Ir-195m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

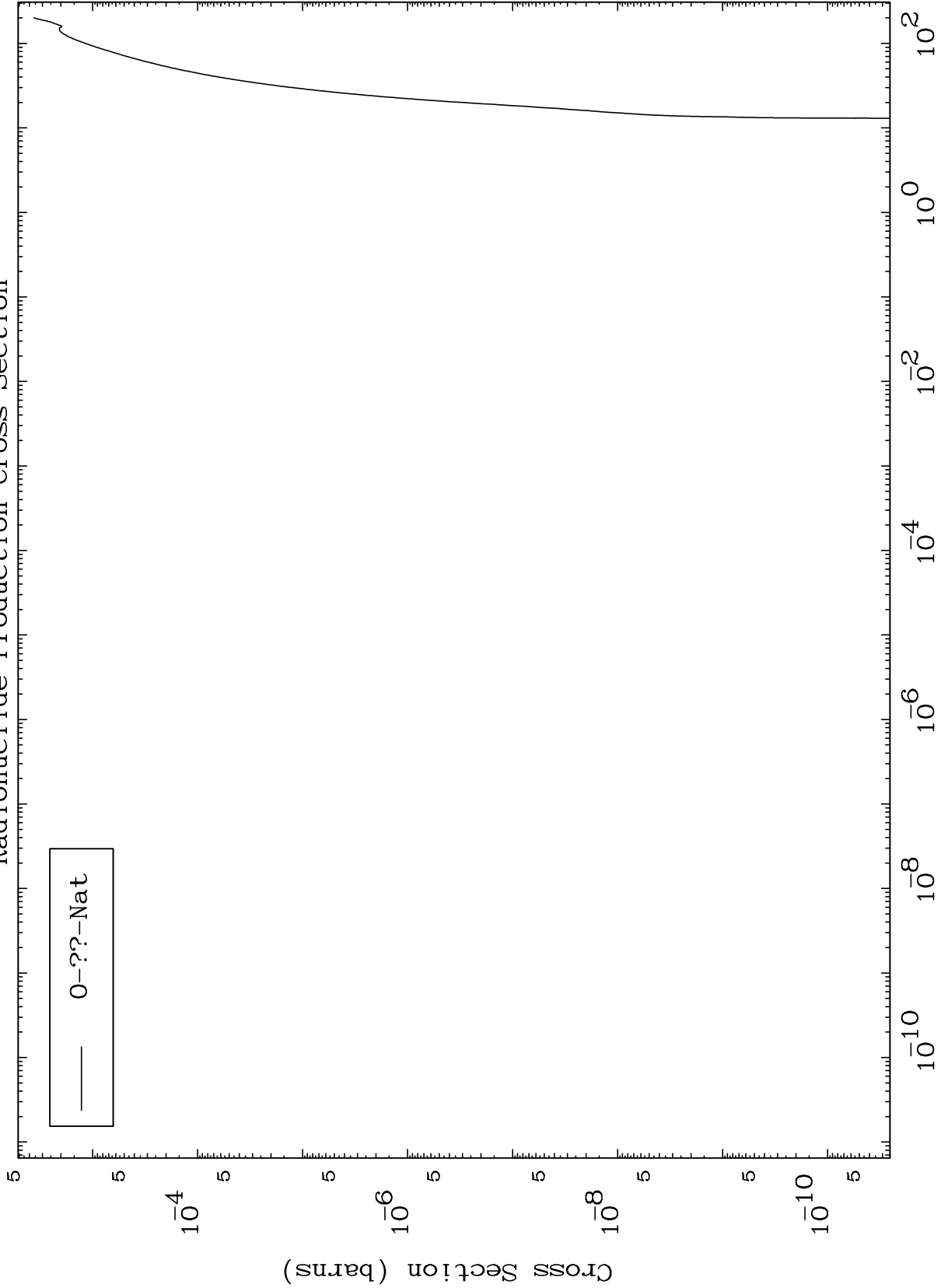
⁷⁷Ir-195m

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Fission

77-Ir-195m

Radionuclide Production Cross Section

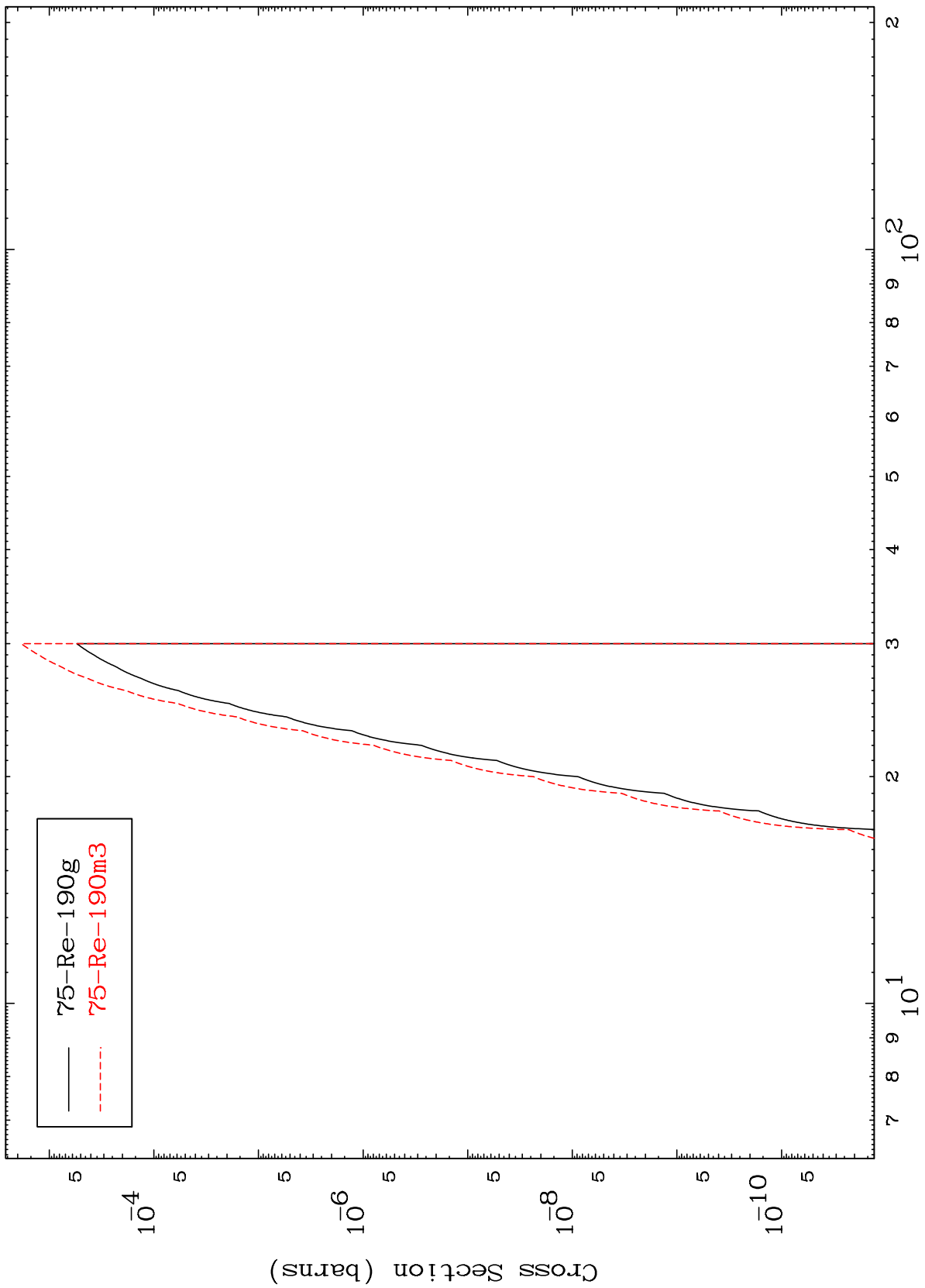


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(n,2n) α

77-Ir-195m

Radionuclide Production Cross Section

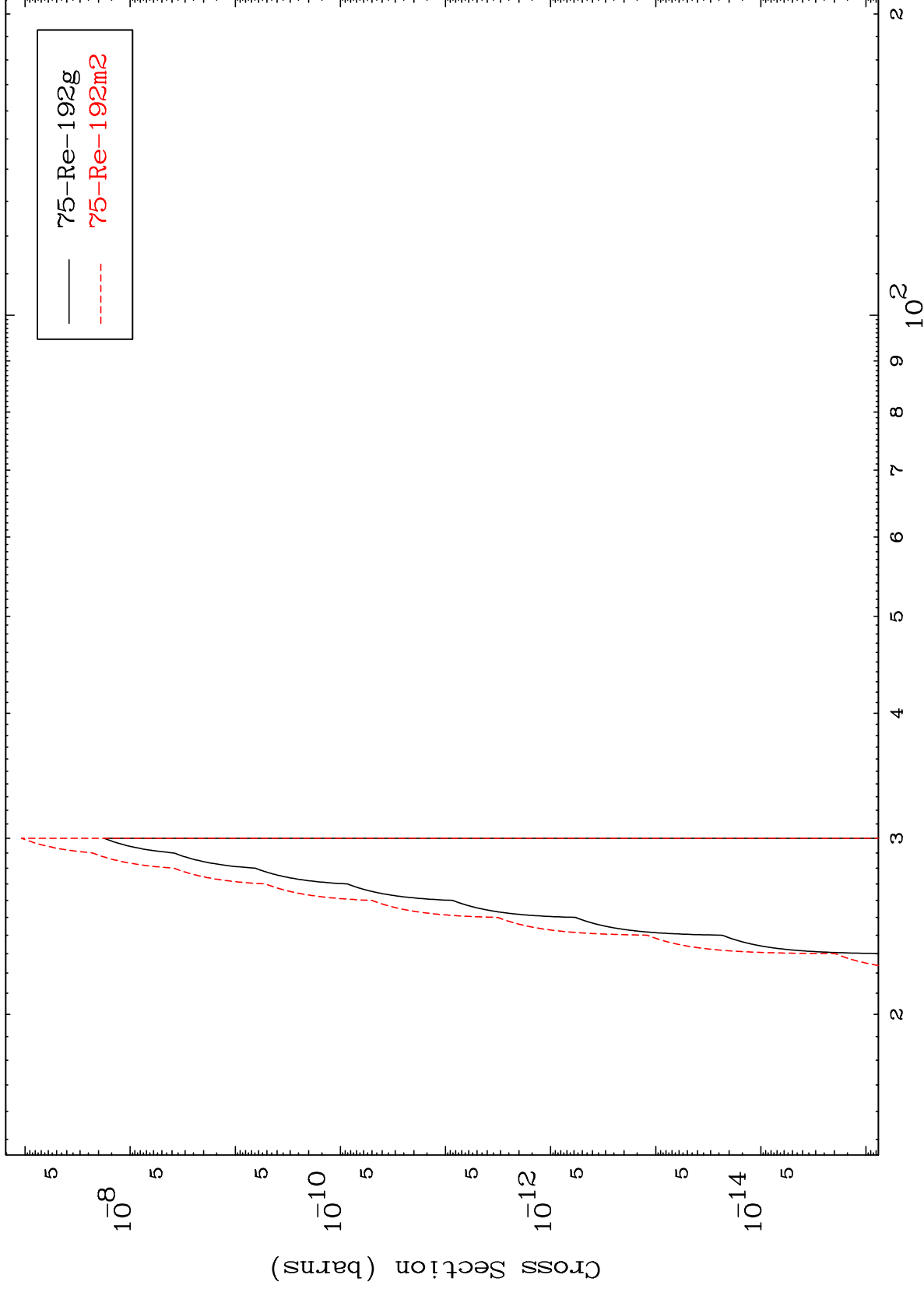


22

Incident Energy (MeV)

77-Ir-195m

Radionuclide Production Cross Section

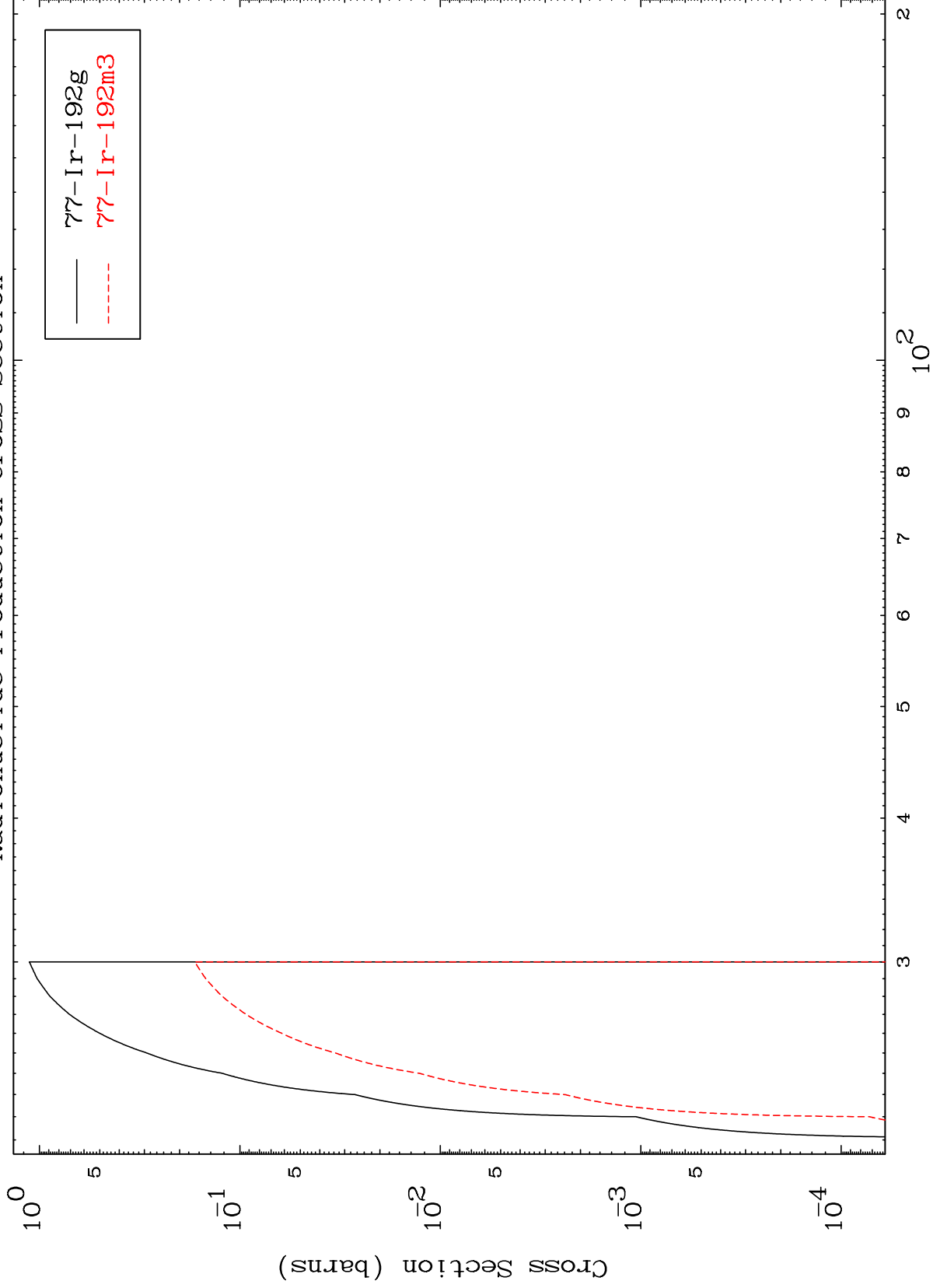


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(n,4n)

77-Ir-195m

Radionuclide Production Cross Section



24

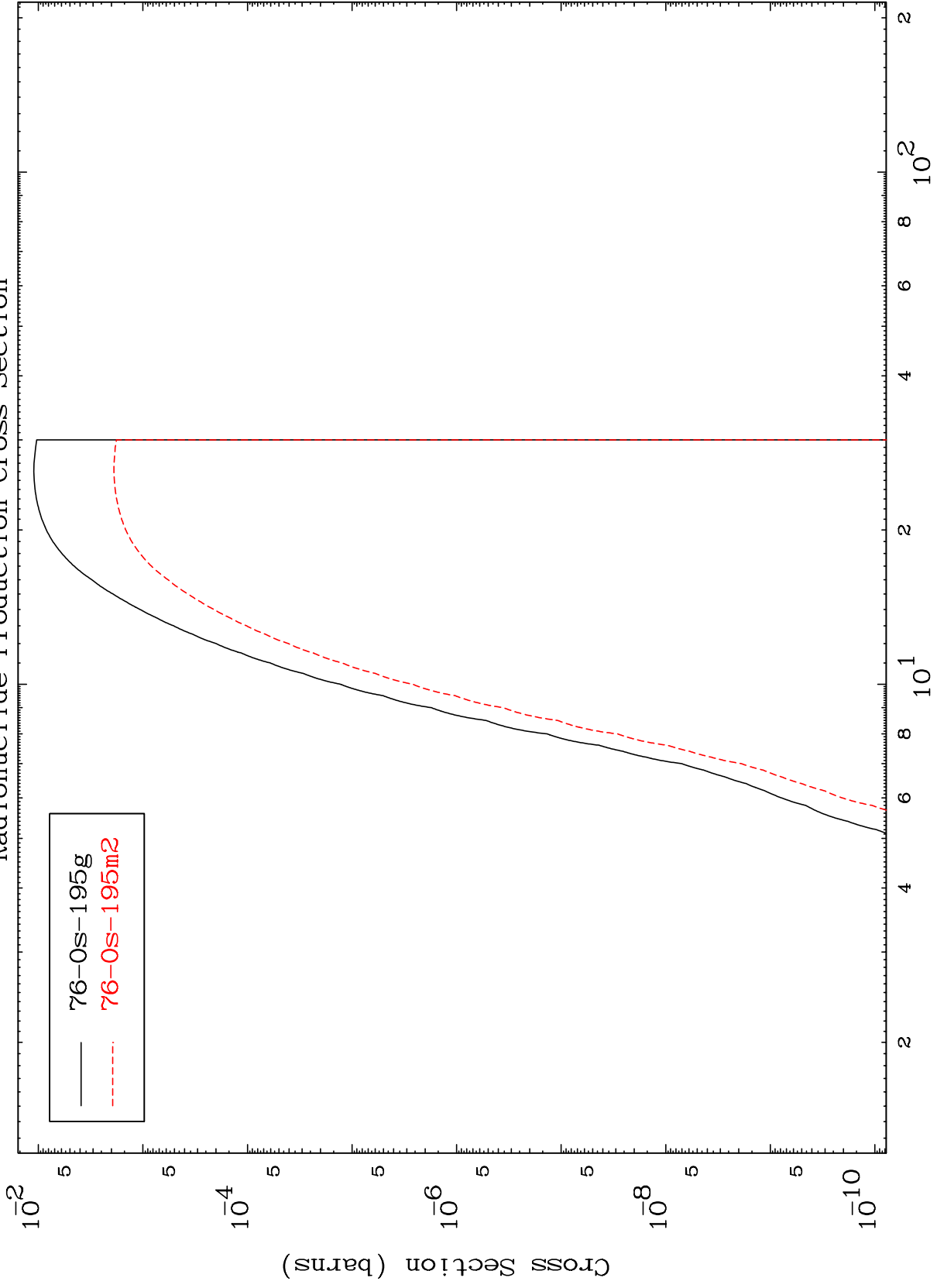
Incident Energy (MeV)

77-Ir-195m

MAT 7738

(n,p)
Radionuclide Production Cross Section

⁷⁷Ir-195m



26

Incident Energy (MeV)

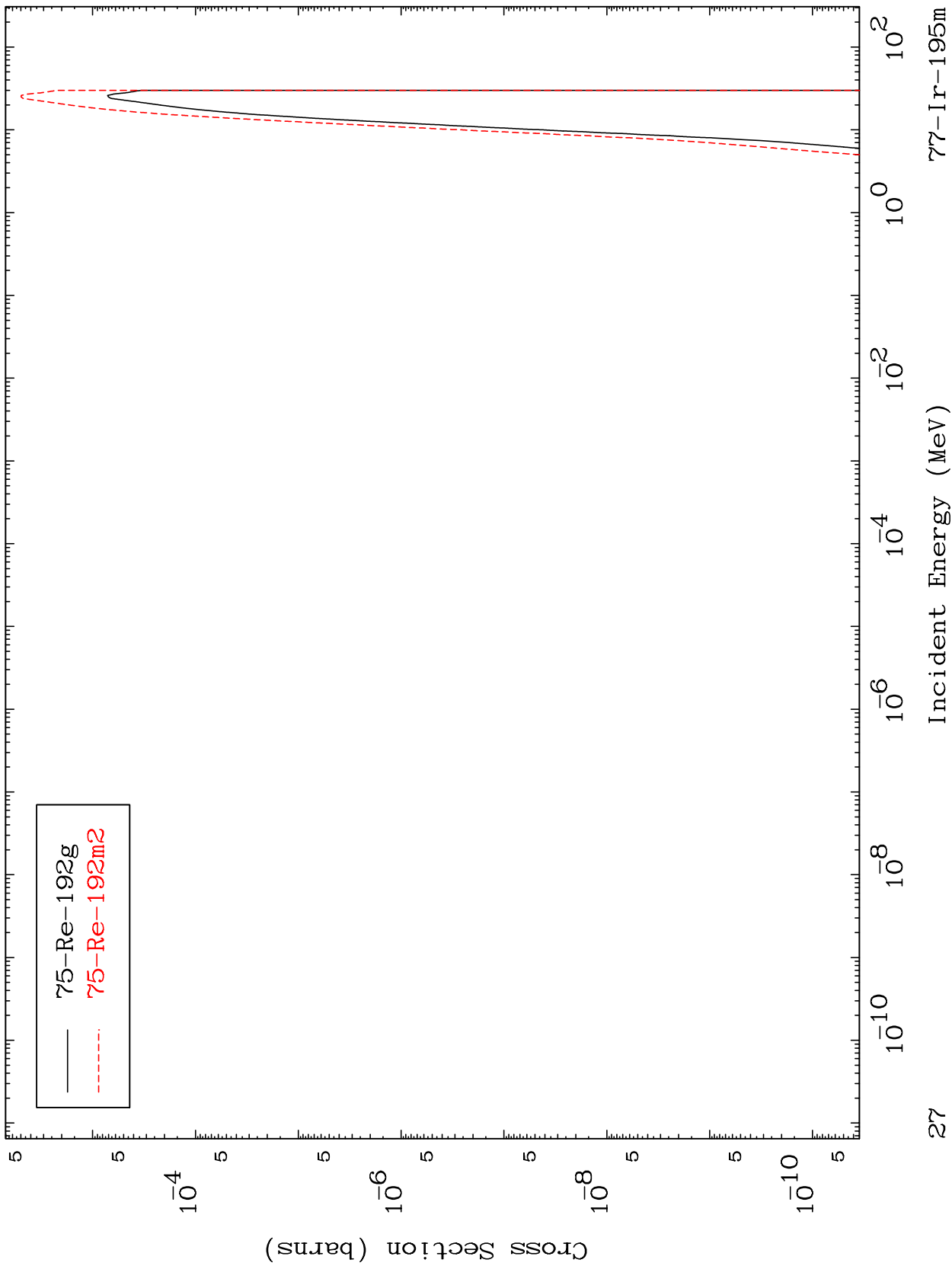
⁷⁷Ir-195m

MAT 7738

(n, α)

⁷⁷Ir-195m

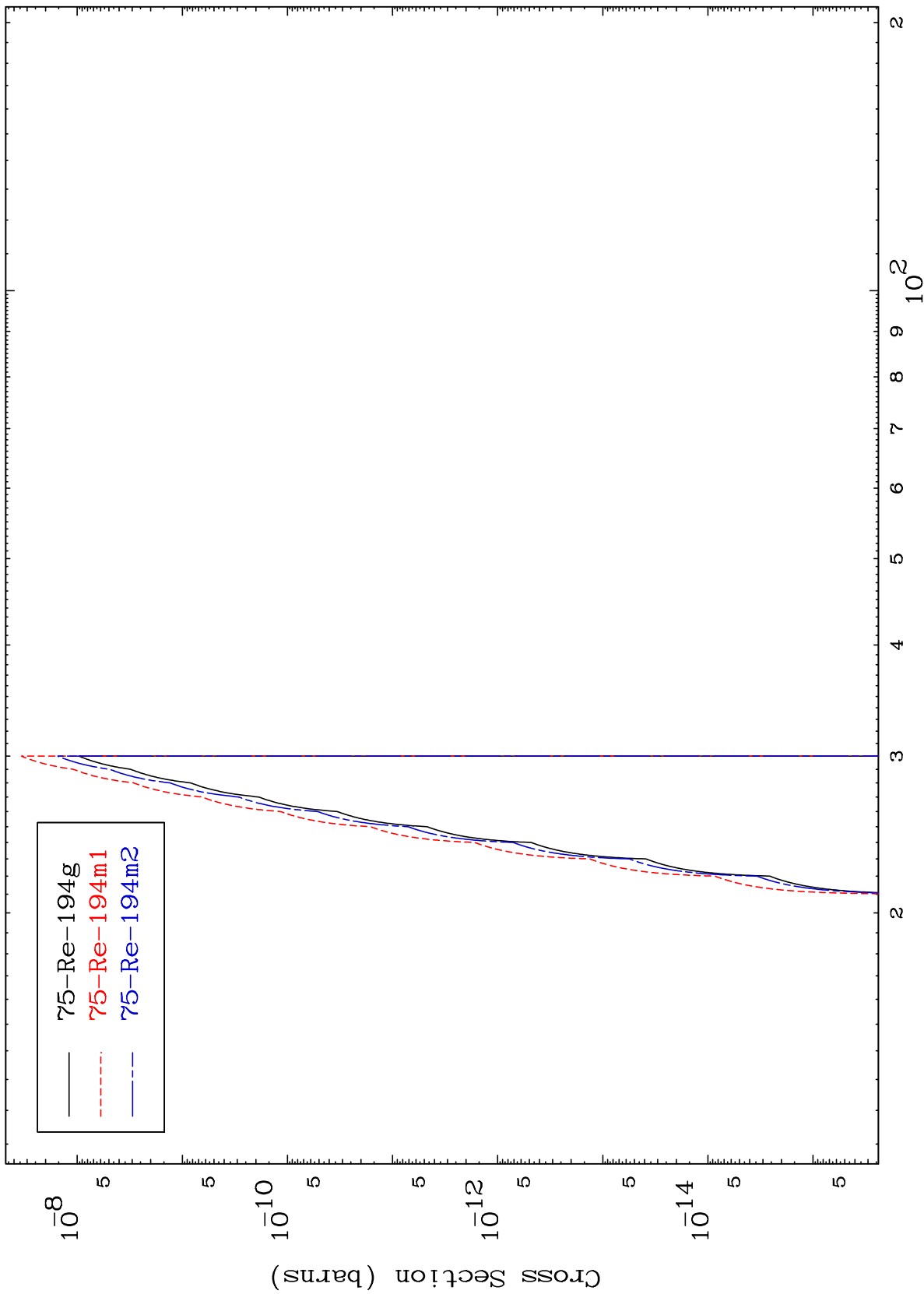
Radionuclide Production Cross Section



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77-Ir-195m

Radionuclide Production Cross Section
(n,2p)



Incident Energy (MeV)

77-Ir-195m