

Program EVALPLOT
(Version 2021-1)

by

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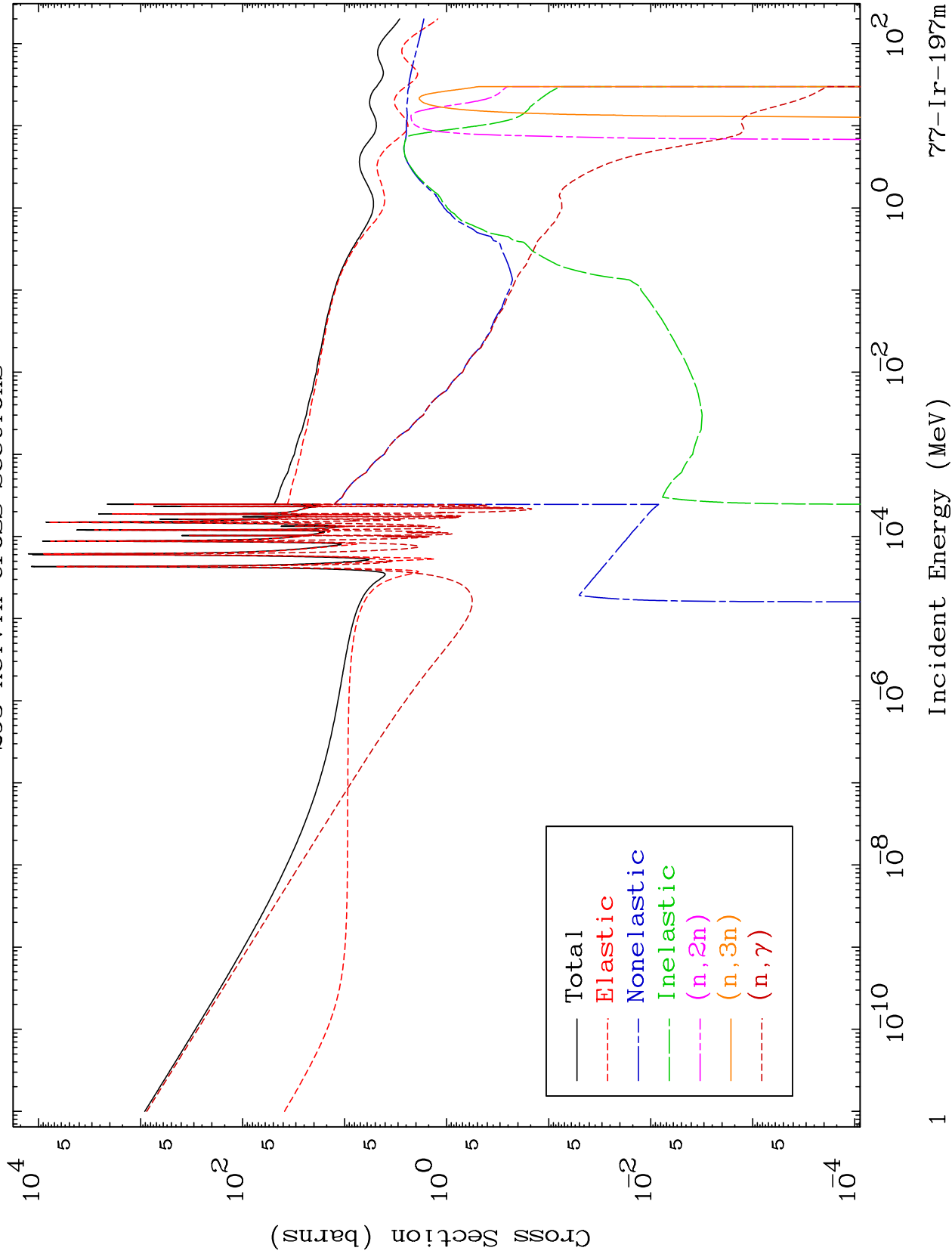
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7744

Neutron Major
293 Kelvin Cross Sections

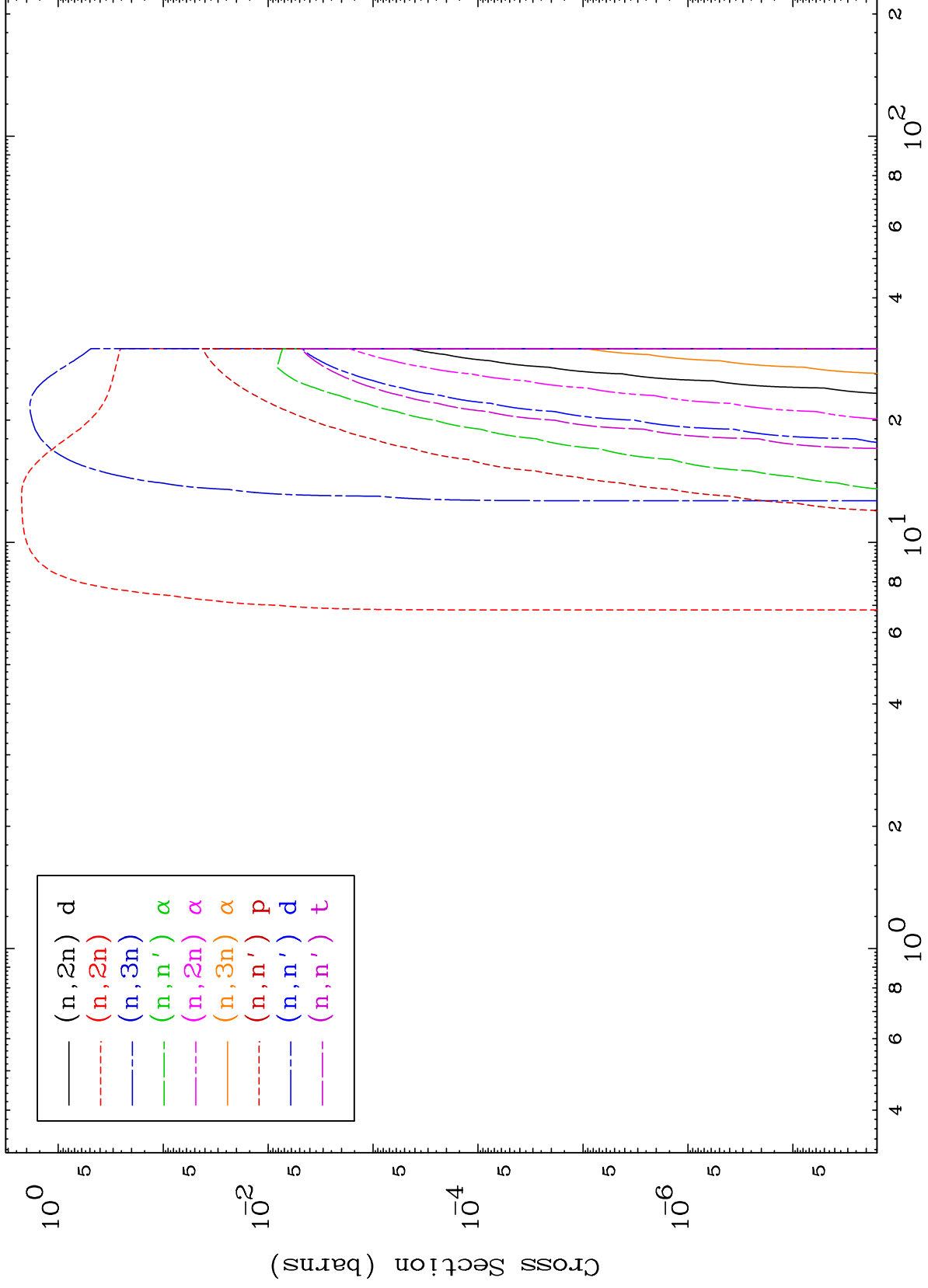
77-Ir-197m



MAT 7744

Neutron Absorption
293 Kelvin Cross Sections

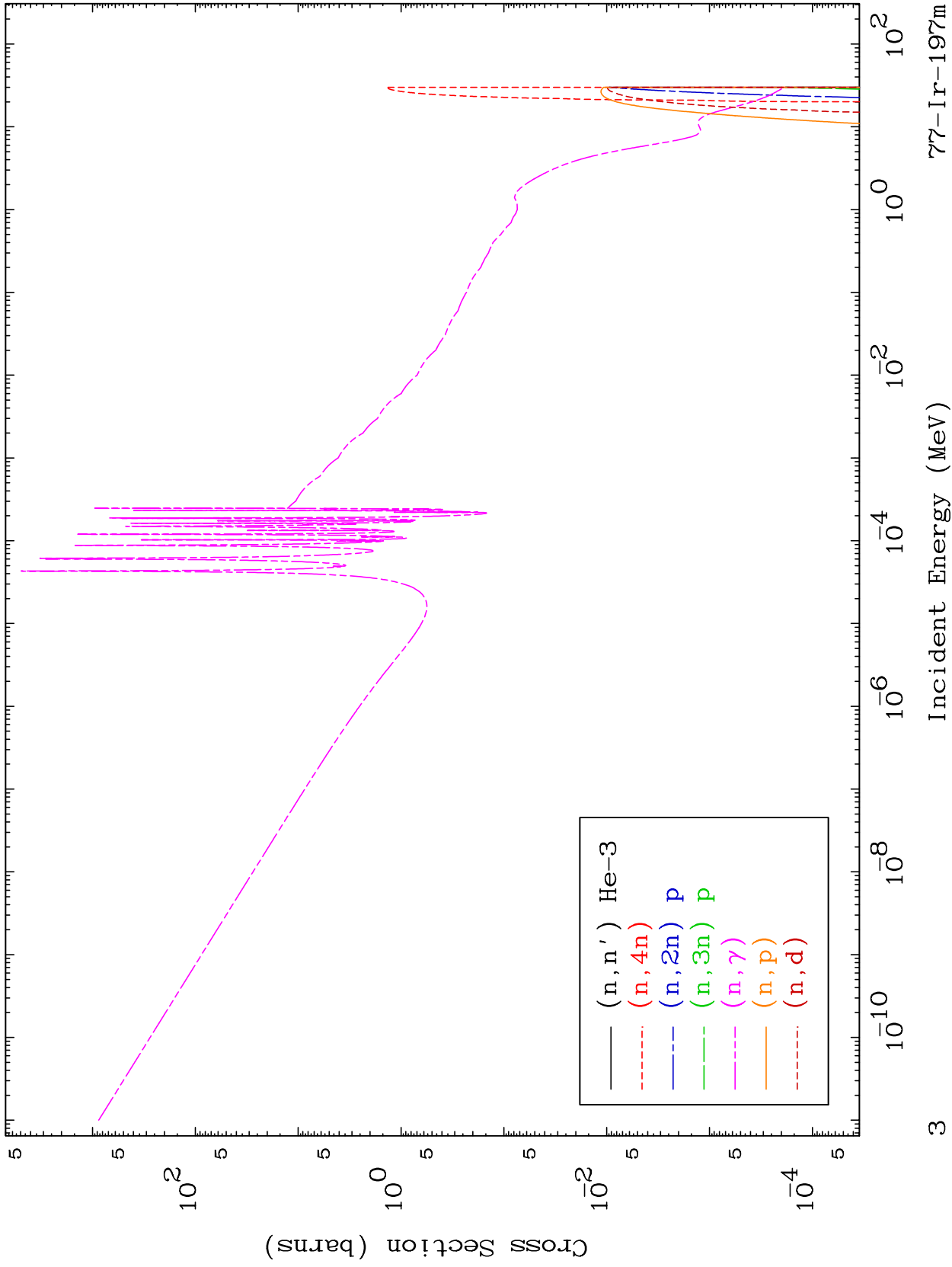
77-Ir-197m



MAT 7744

Neutron Absorption
293 Kelvin Cross Sections

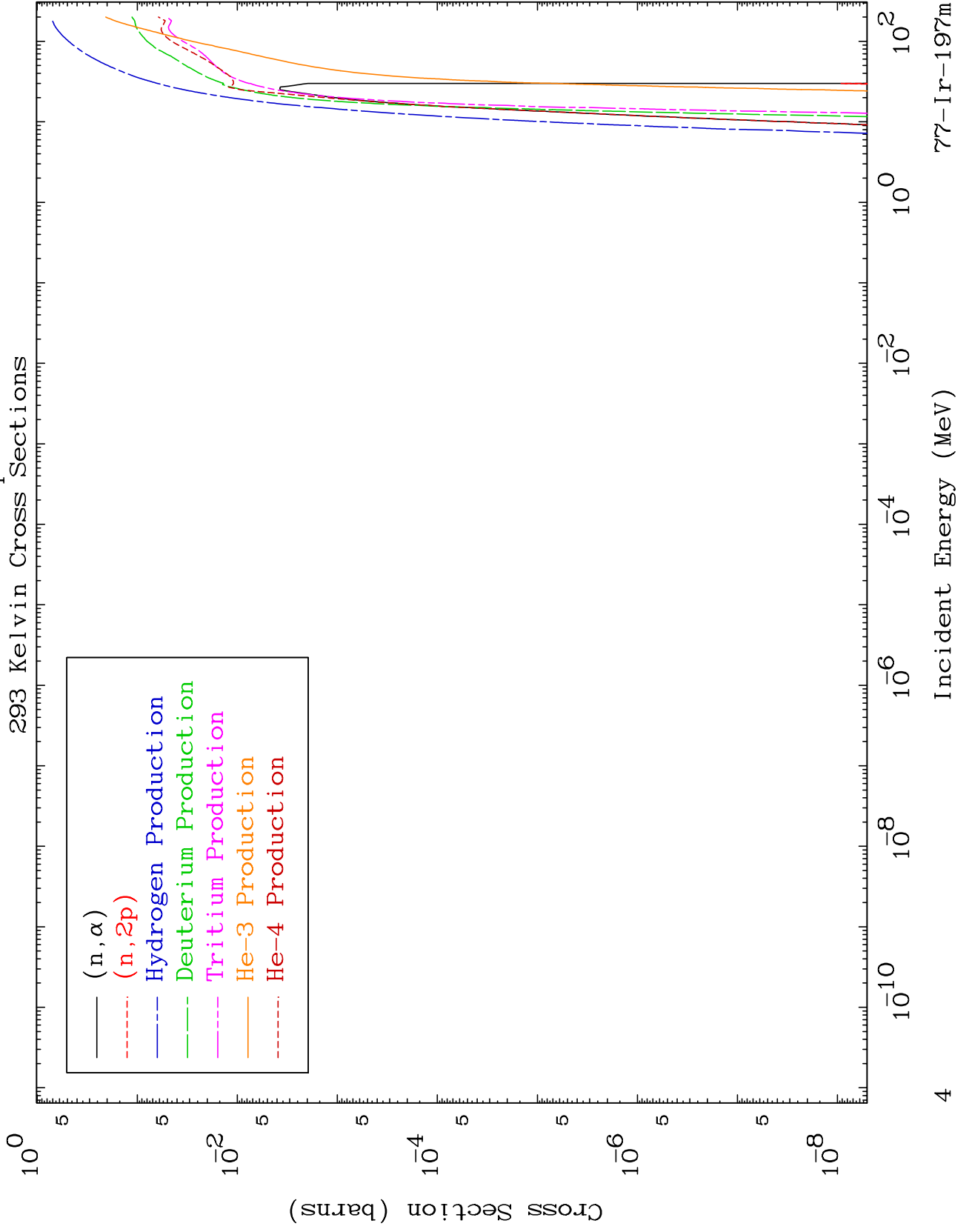
77-Ir-197m



MAT 7744

Neutron Absorption
293 Kelvin Cross Sections

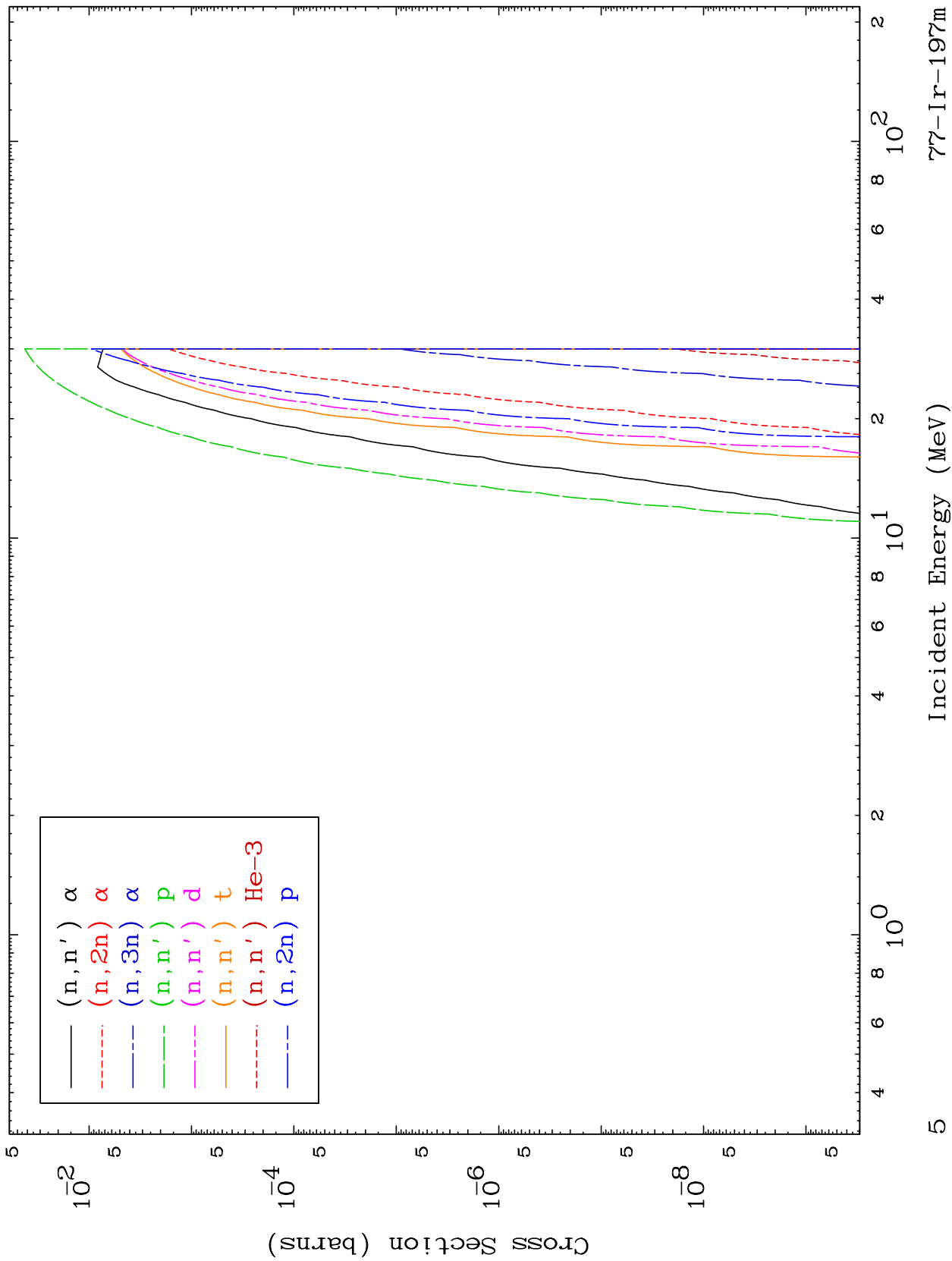
77-Ir-197m



MAT 7744

293 Kelvin Cross Sections
Charged Particle

77-Ir-197m



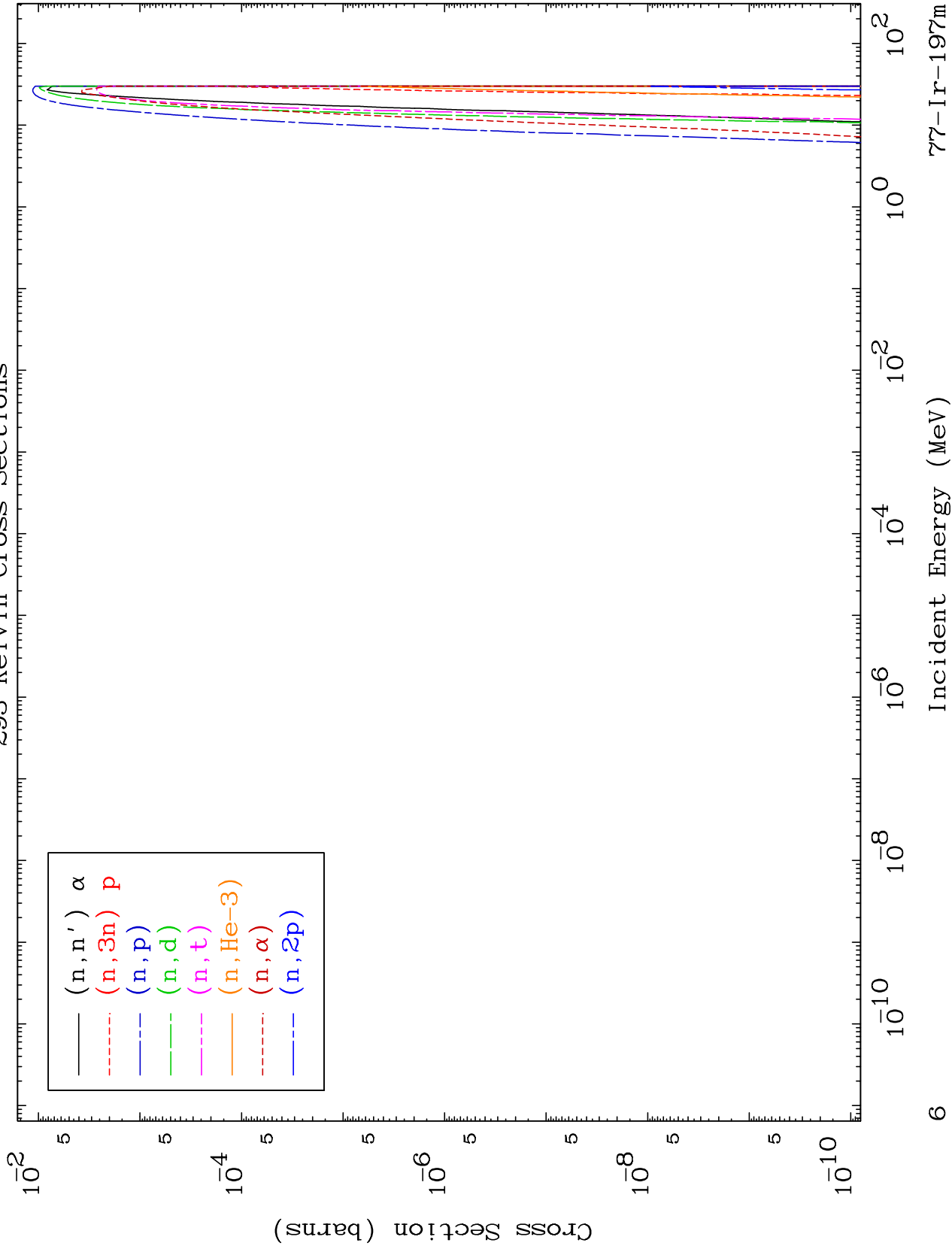
5

77-Ir-197m

MAT 7744

Charged Particle
293 Kelvin Cross Sections

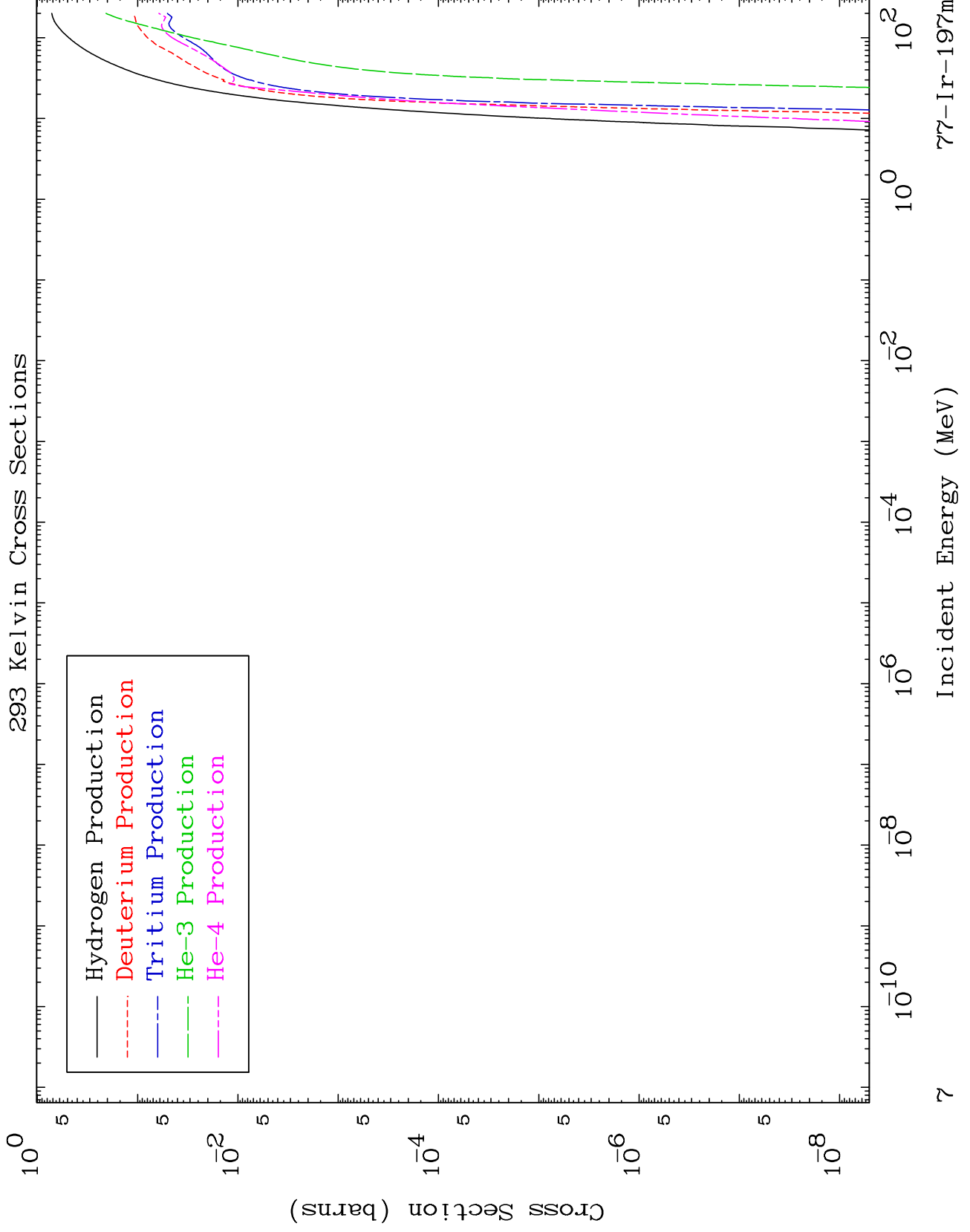
77-Ir-197m



MAT 7744

Particle Production
293 Kelvin Cross Sections

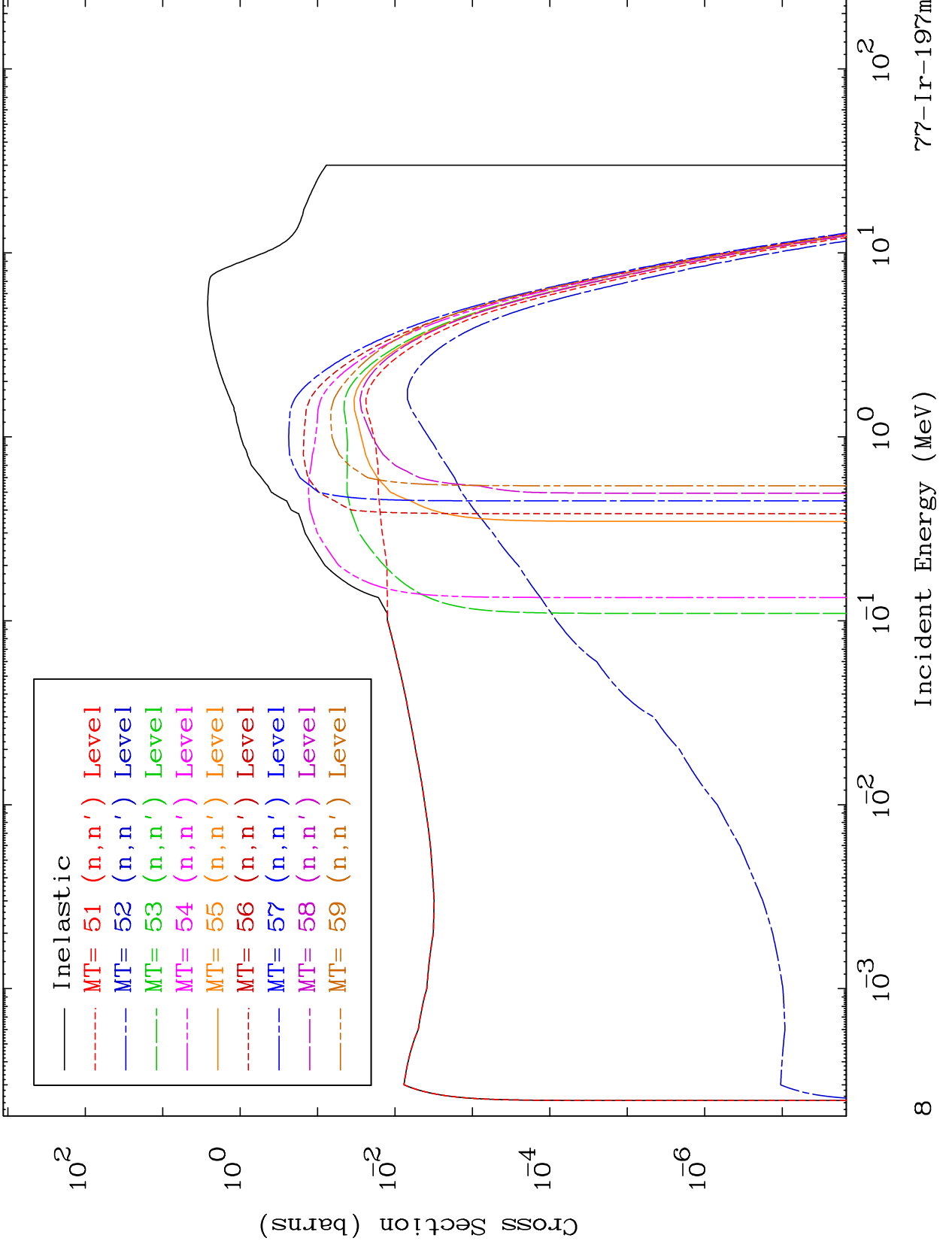
77-Ir-197m



MAT 7744

(n,n') Levels
293 Kelvin Cross Sections

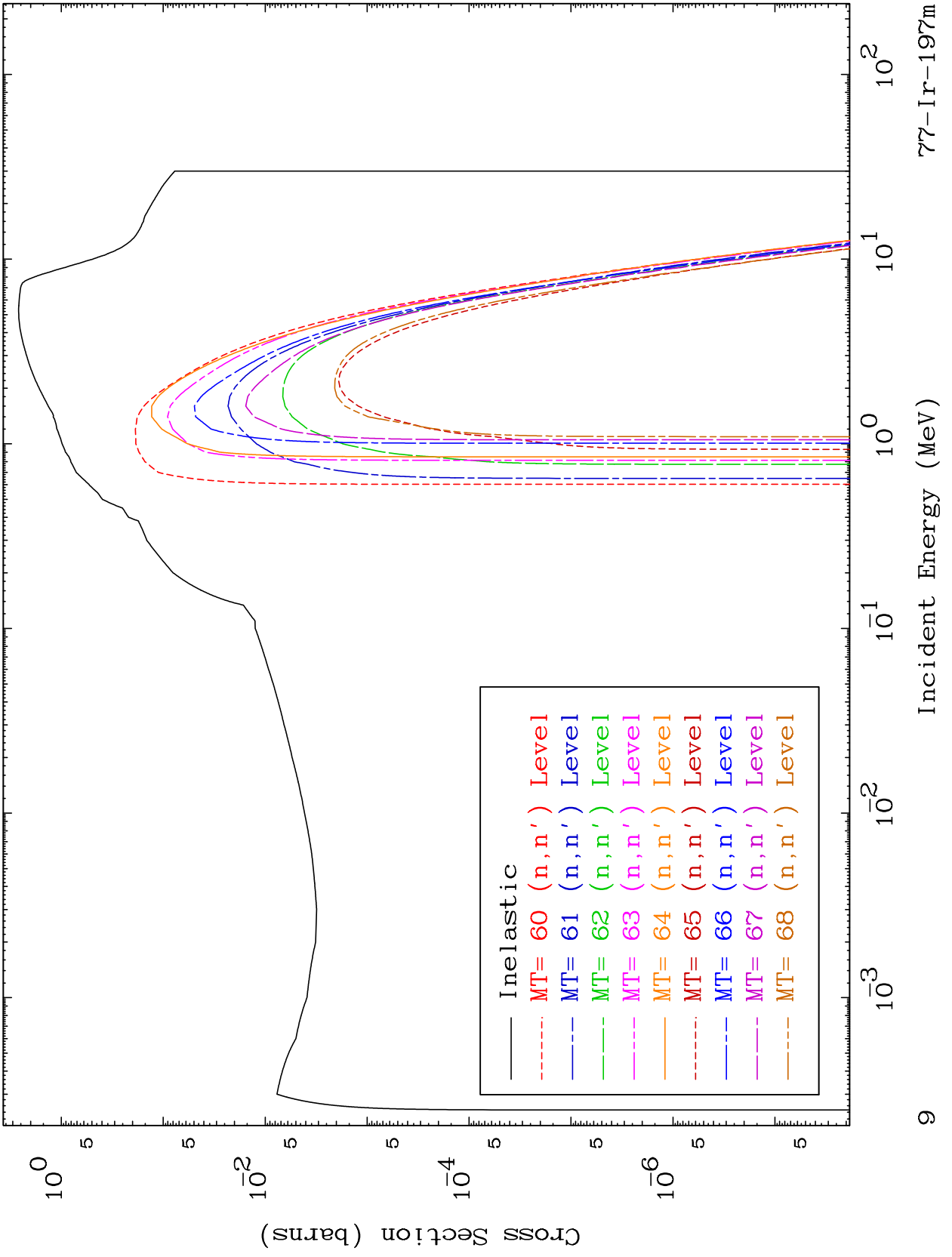
77-Ir-197m



MAT 7744

(n,n') Levels
293 Kelvin Cross Sections

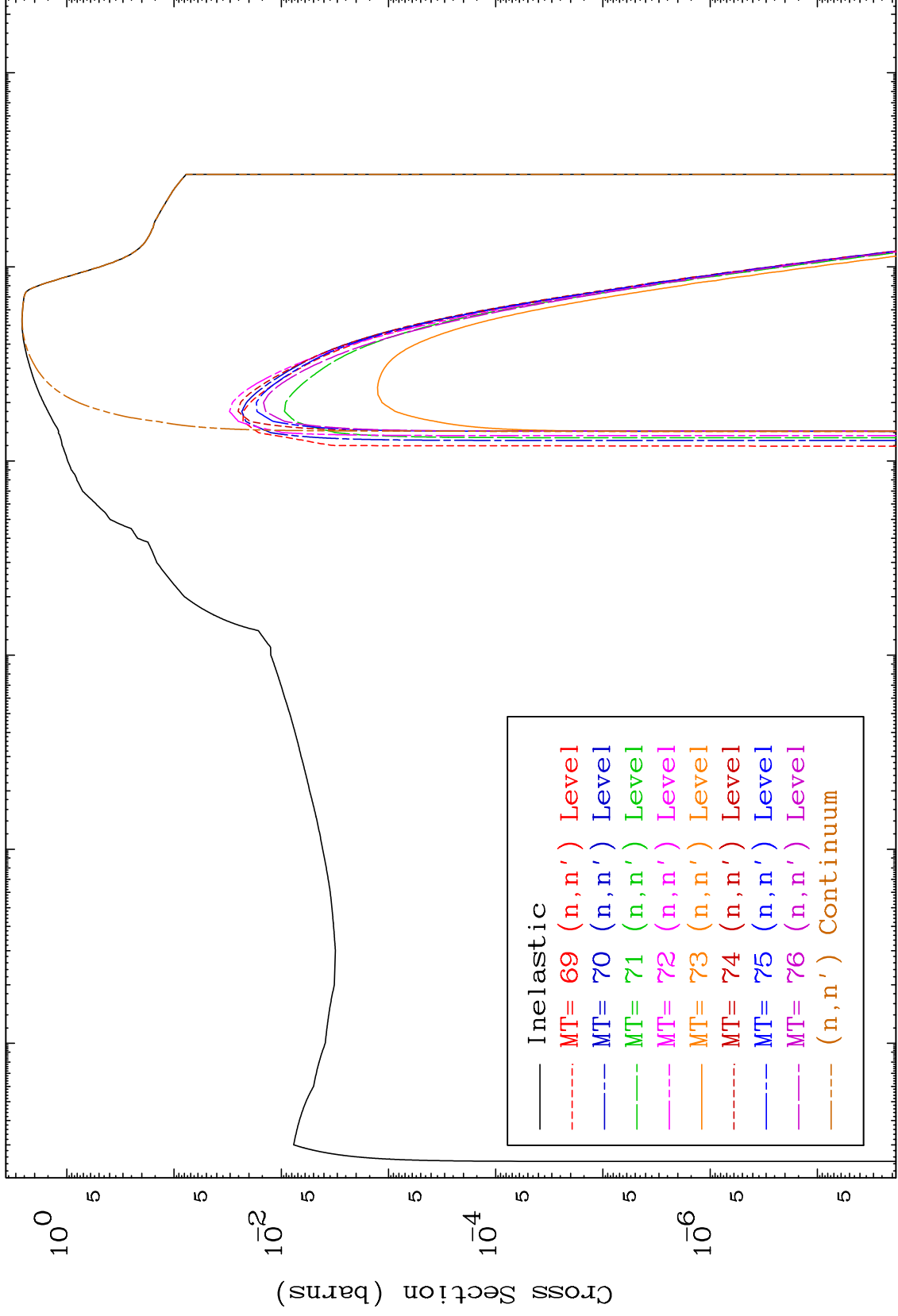
77-Ir-197m



MAT 7744

(n,n') Levels
293 Kelvin Cross Sections

77-Ir-197m



10

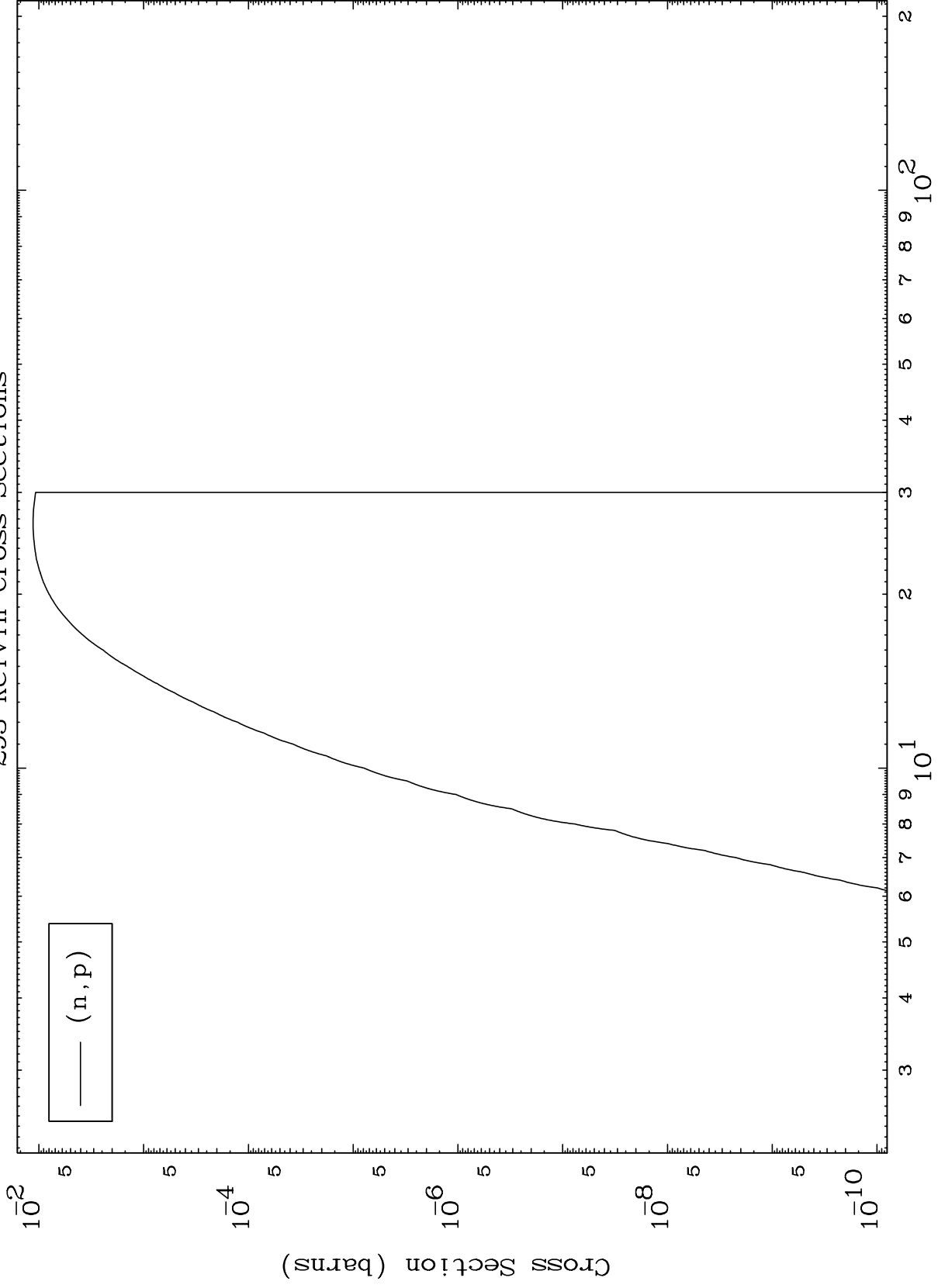
Incident Energy (MeV)

77-Ir-197m

MAT 7744

(n,p) Levels
293 Kelvin Cross Sections

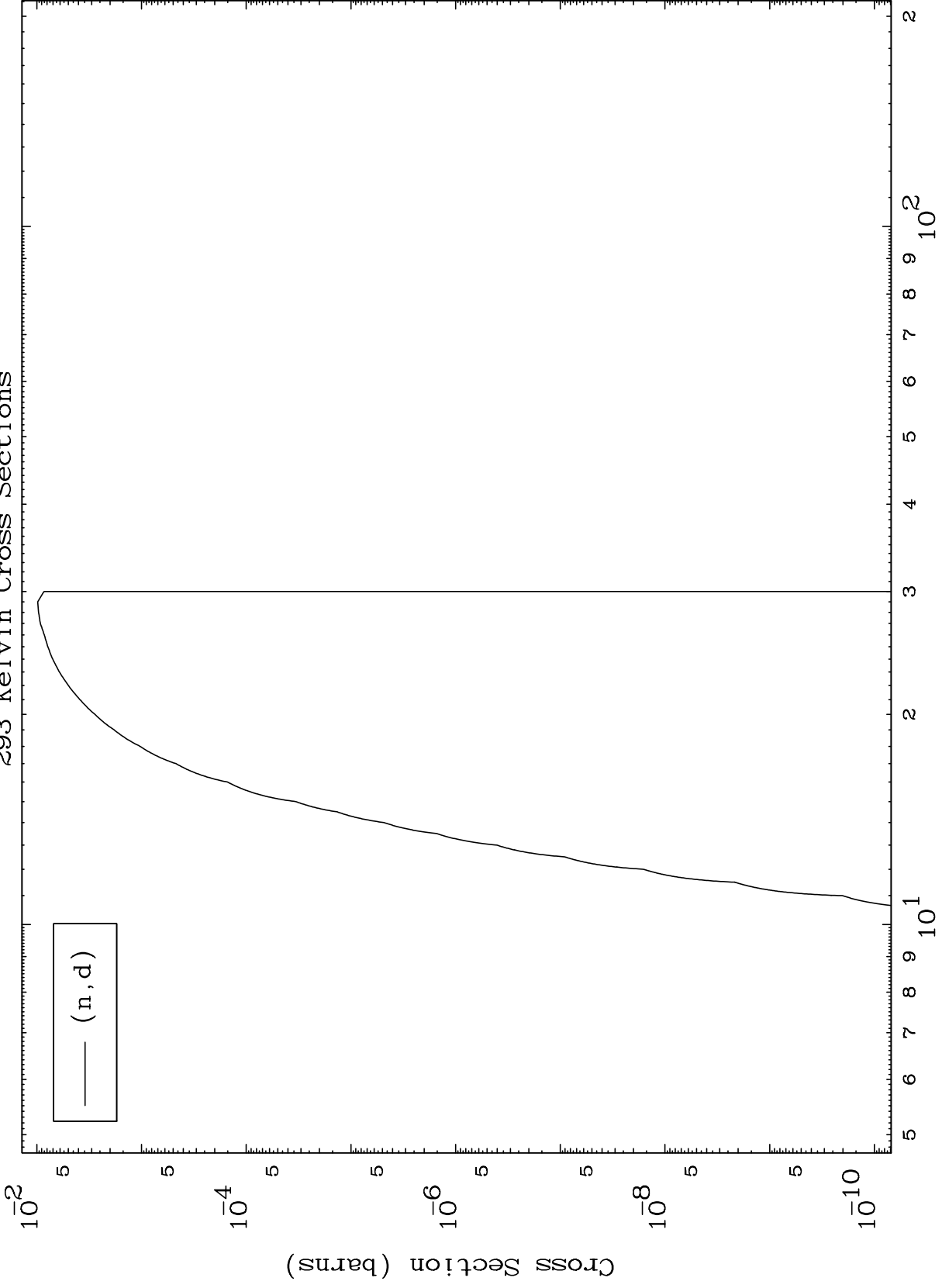
77-Ir-197m



MAT 7744

(n,d) Levels
293 Kelvin Cross Sections

77-Ir-197m



12

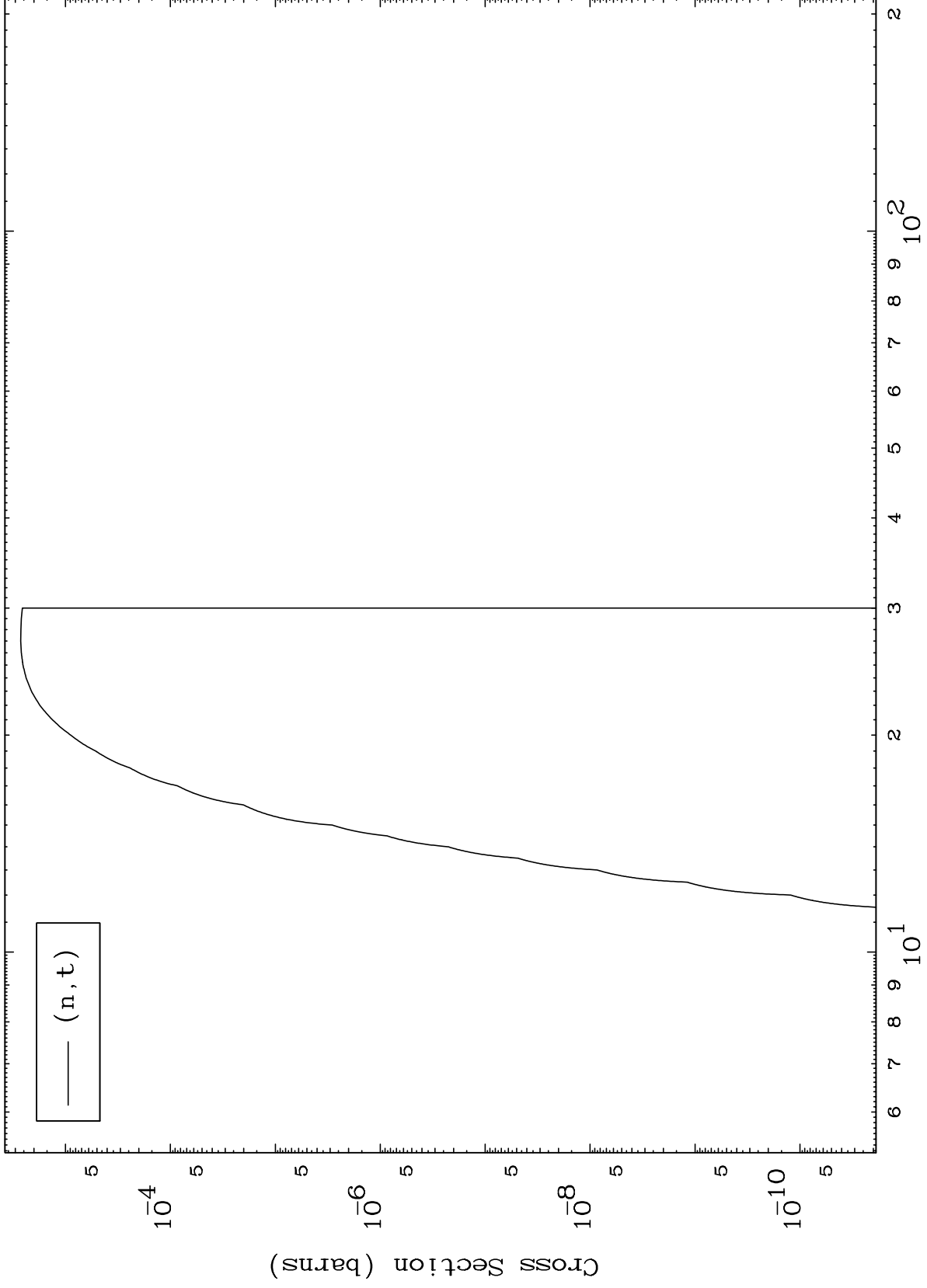
Incident Energy (MeV)

77-Ir-197m

MAT 7744

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-197m



13

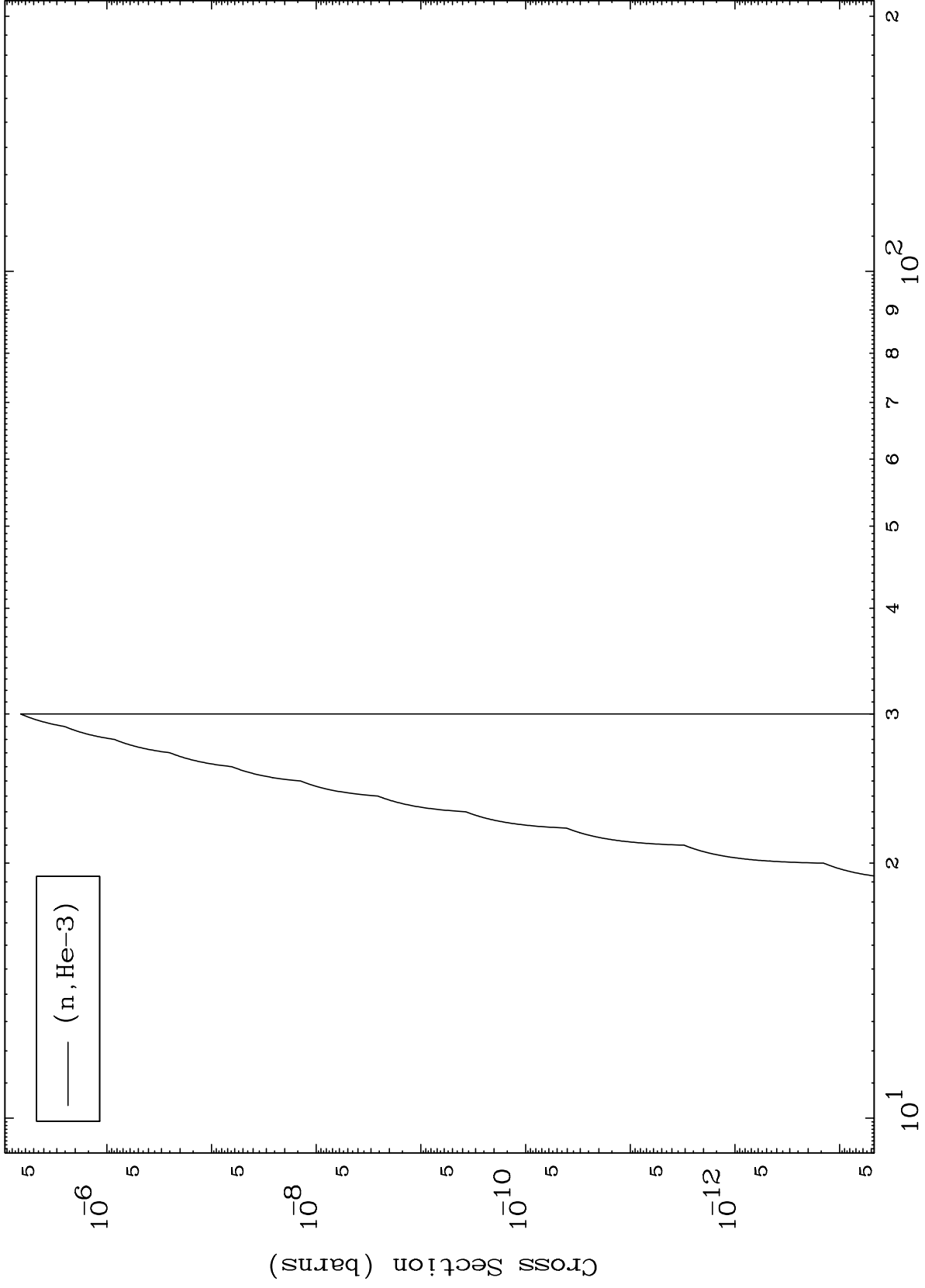
Incident Energy (MeV)

77-Ir-197m

MAT 7744

(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-197m



14

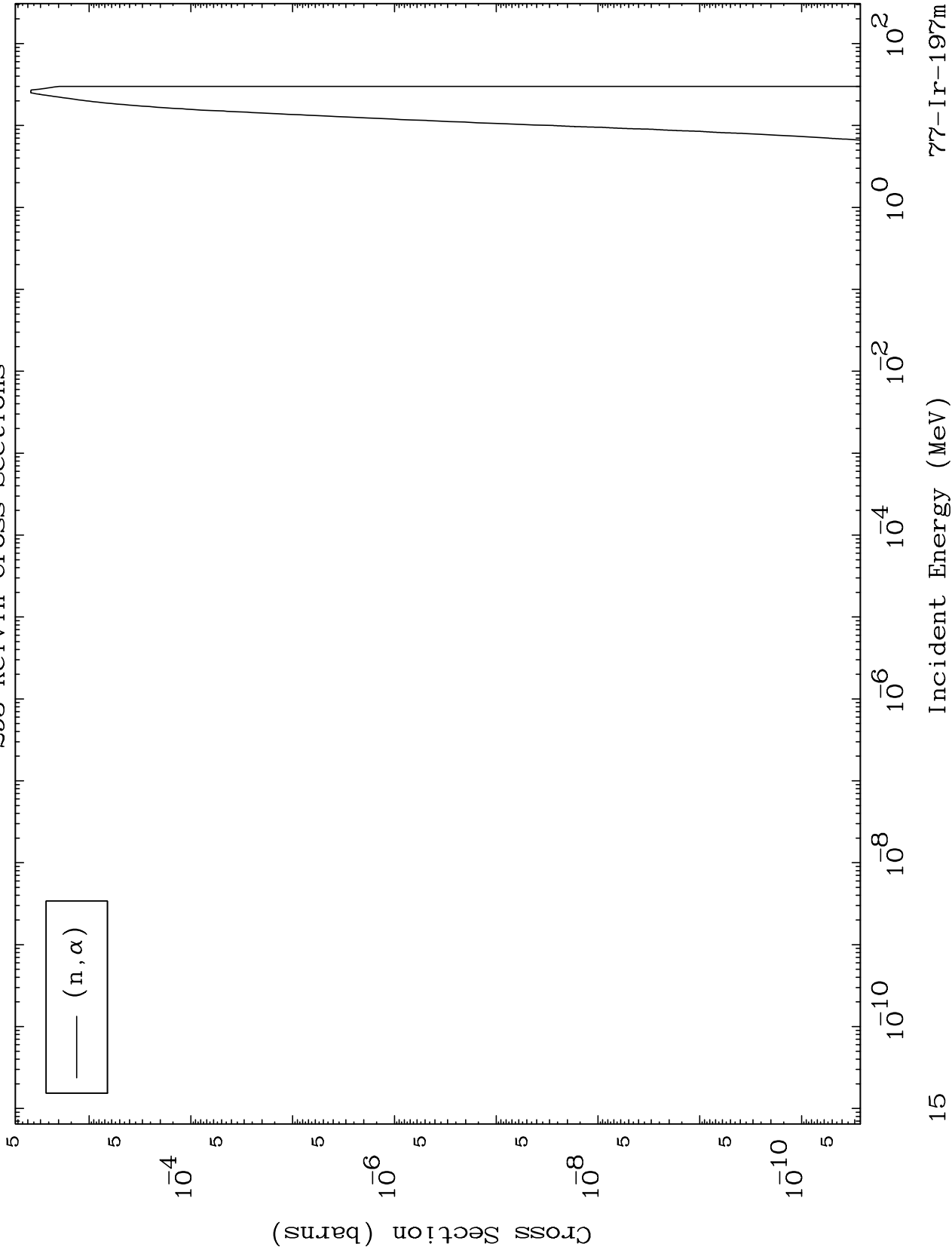
Incident Energy (MeV)

77-Ir-197m

MAT 7744

(n, α) Levels
293 Kelvin Cross Sections

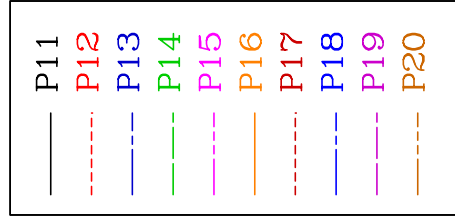
77-Ir-197m



MAT 7744

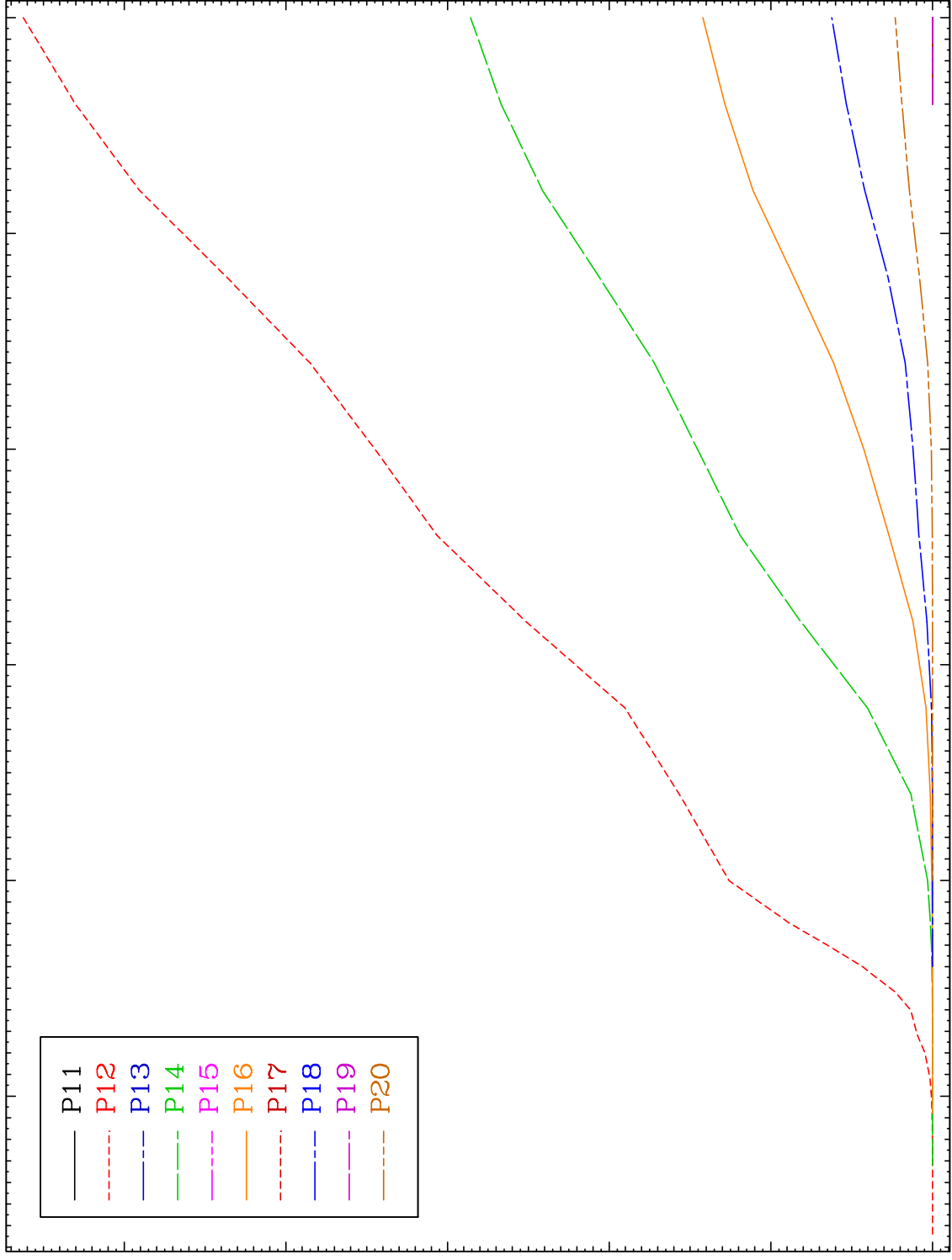
Elastic Legendre Coefficients

77-Ir-197m



$\times 10^{-4}$

Legendre (CM)



17

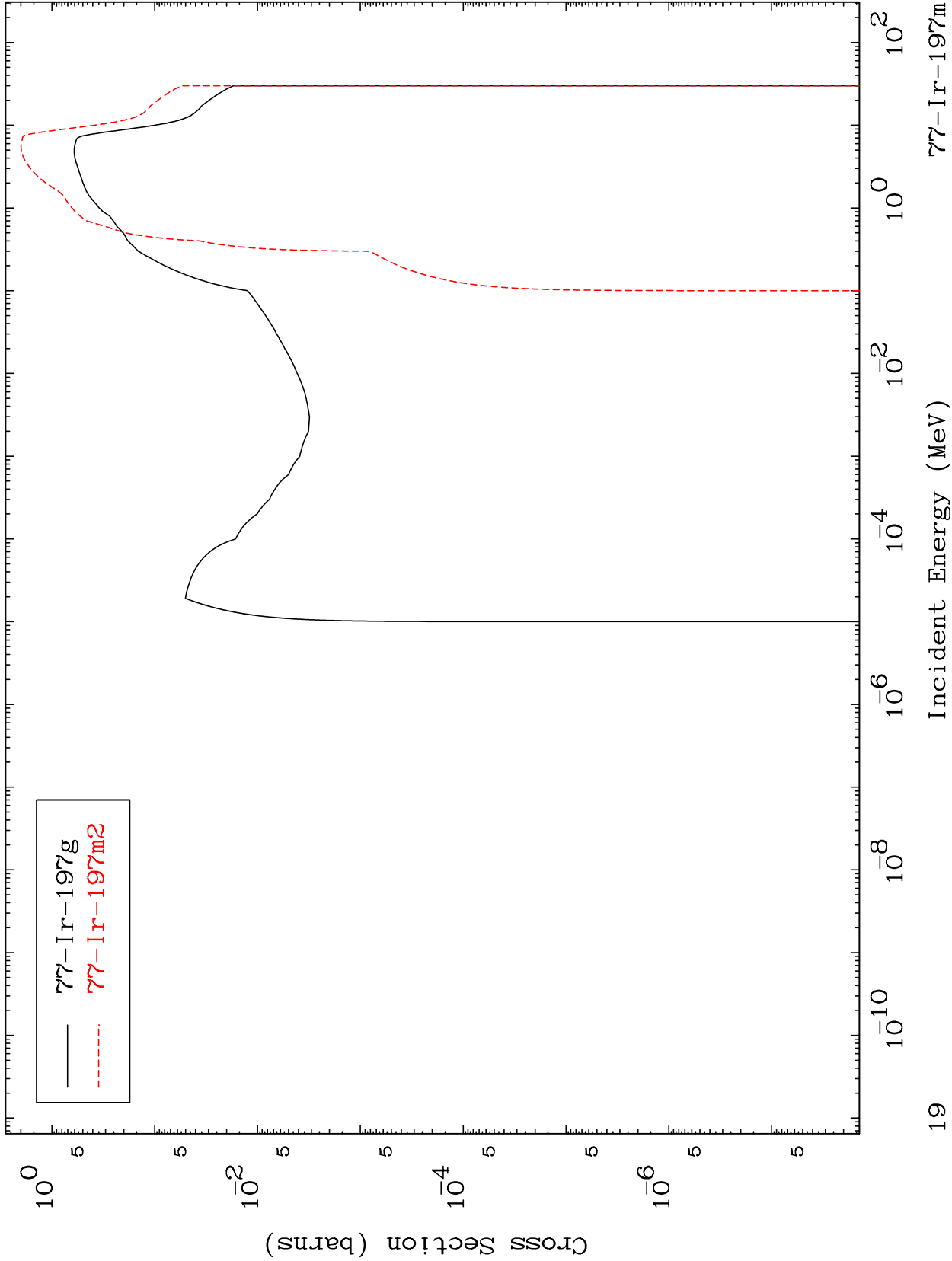
Incident Energy (MeV)

77-Ir-197m

MAT 7744

Inelastic
Radionuclide Production Cross Section

⁷⁷Ir-197m

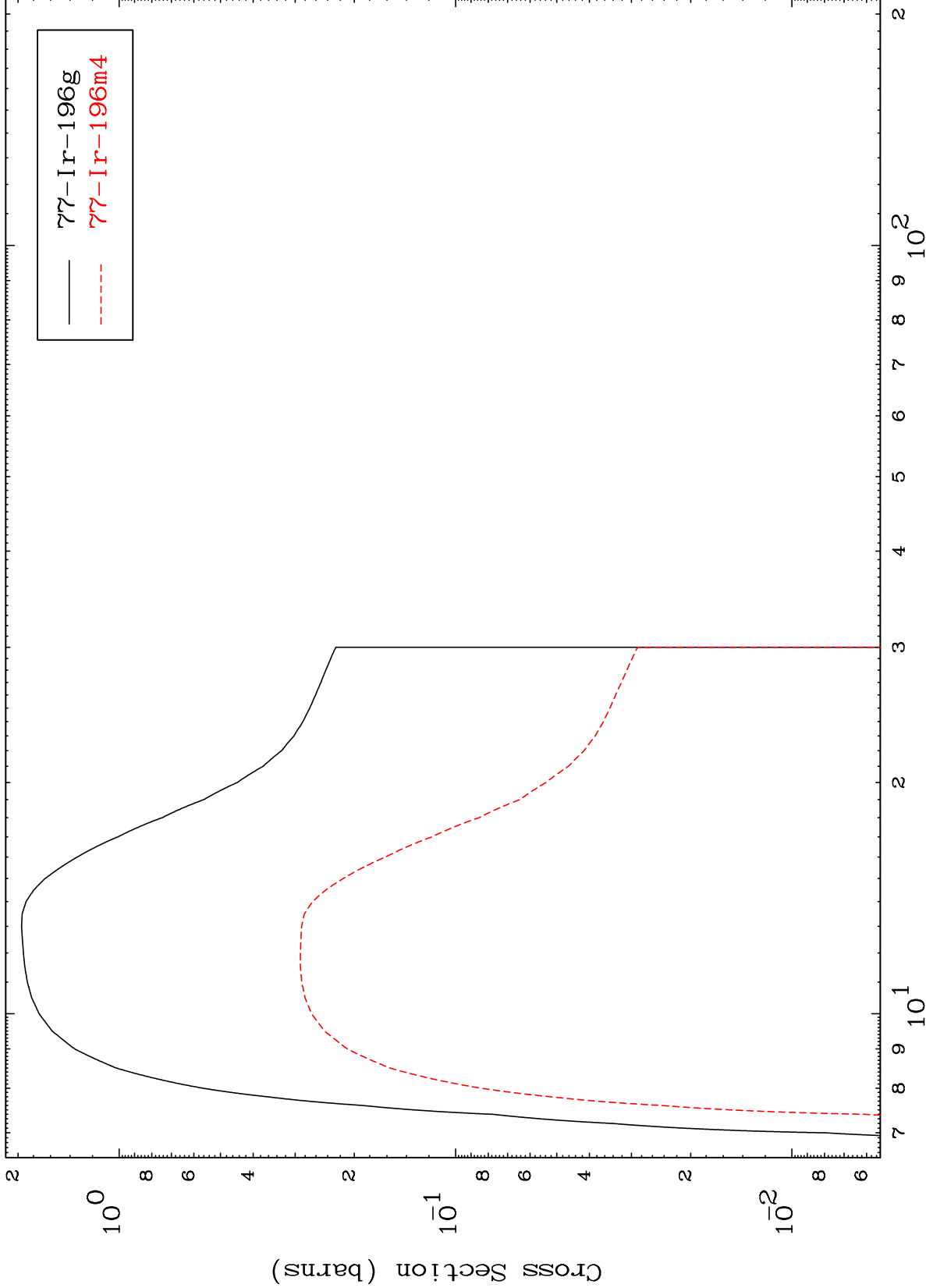


MAT 7744

(n,2n)

⁷⁷Ir-197m

Radionuclide Production Cross Section



Incident Energy (MeV)

⁷⁷Ir-197m

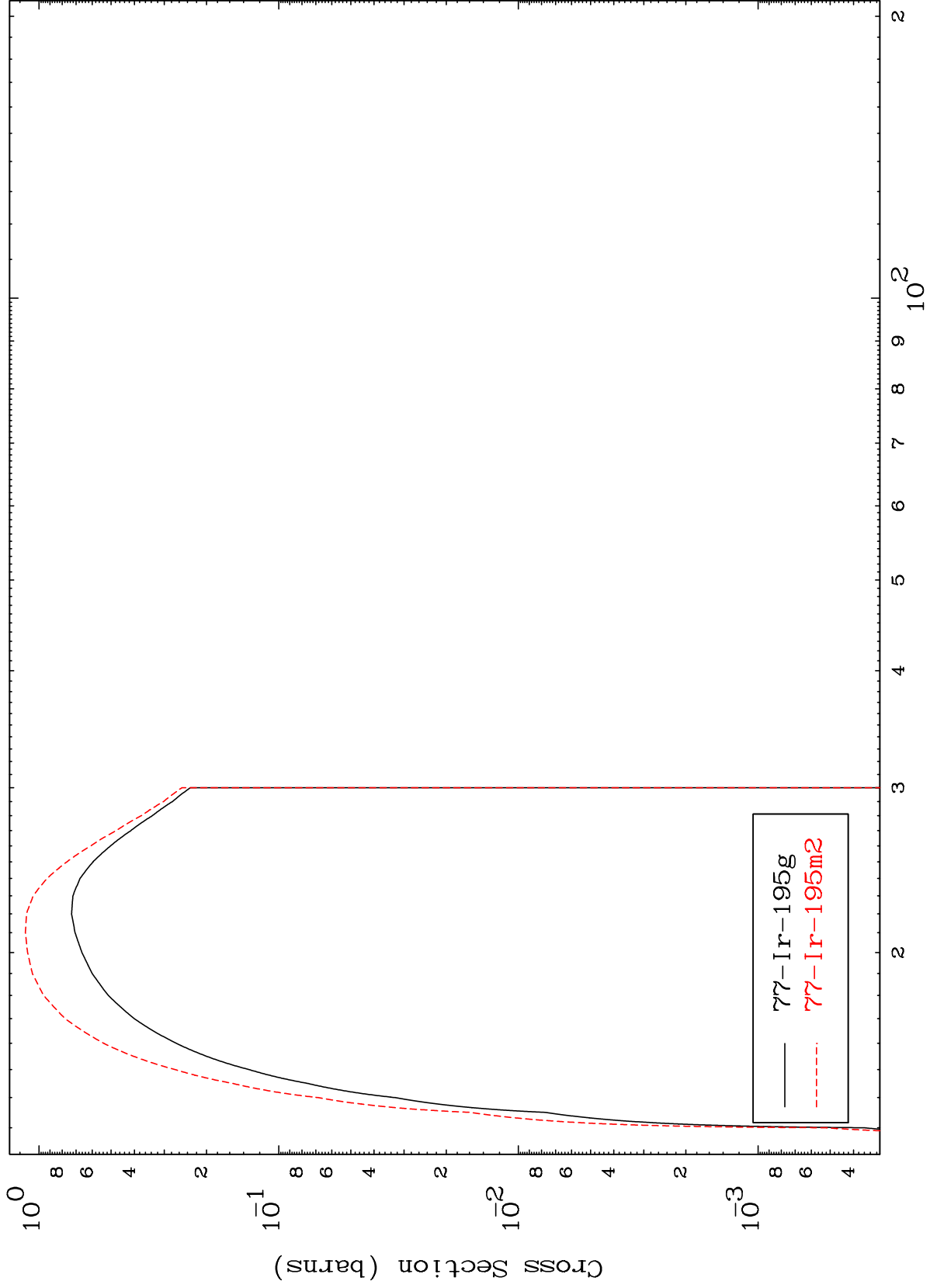
20

MAT 7744

(n,3n)

⁷⁷Ir-197m

Radionuclide Production Cross Section

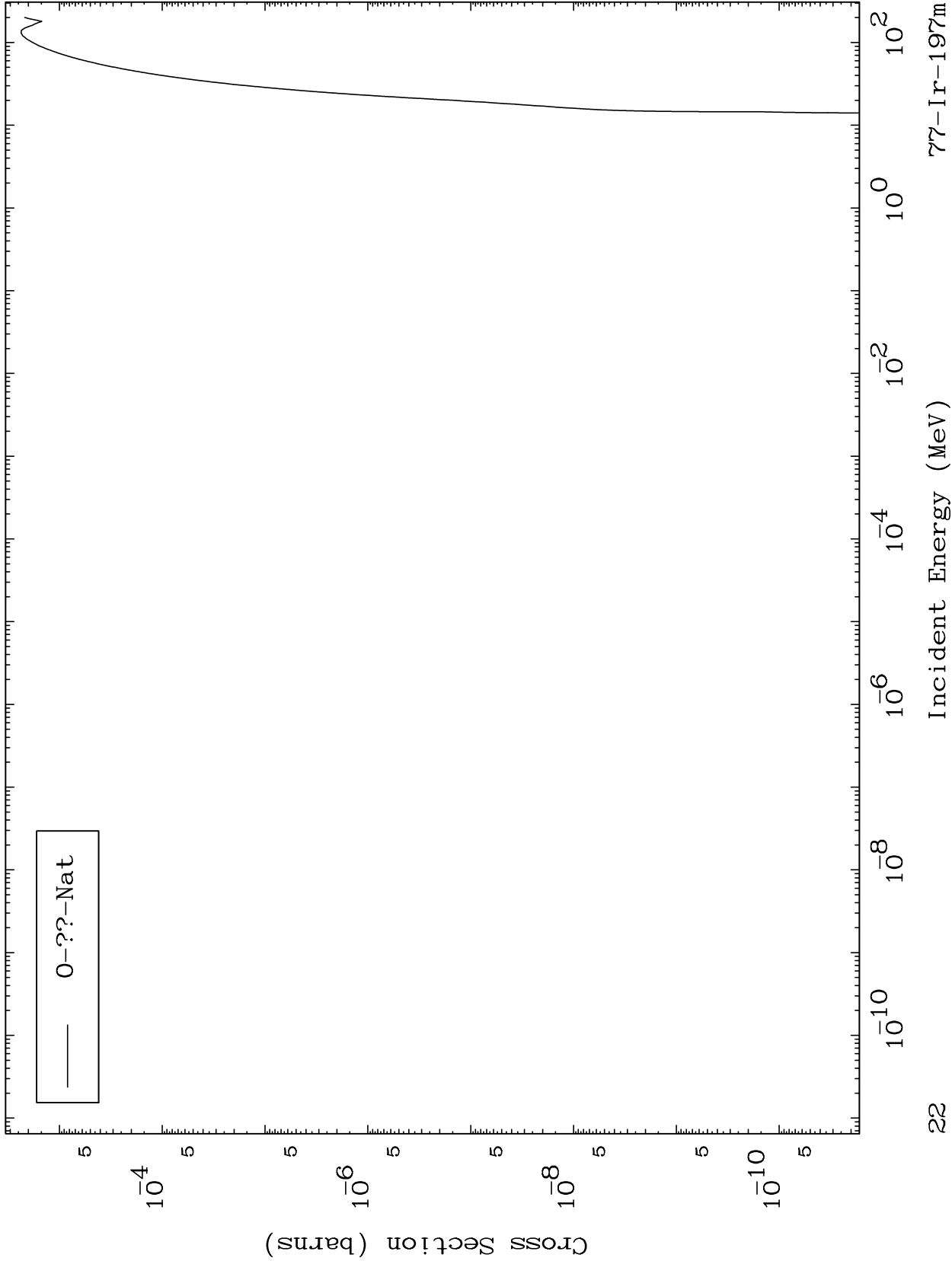


MAT 7744

Fission

77-Ir-197m

Radionuclide Production Cross Section

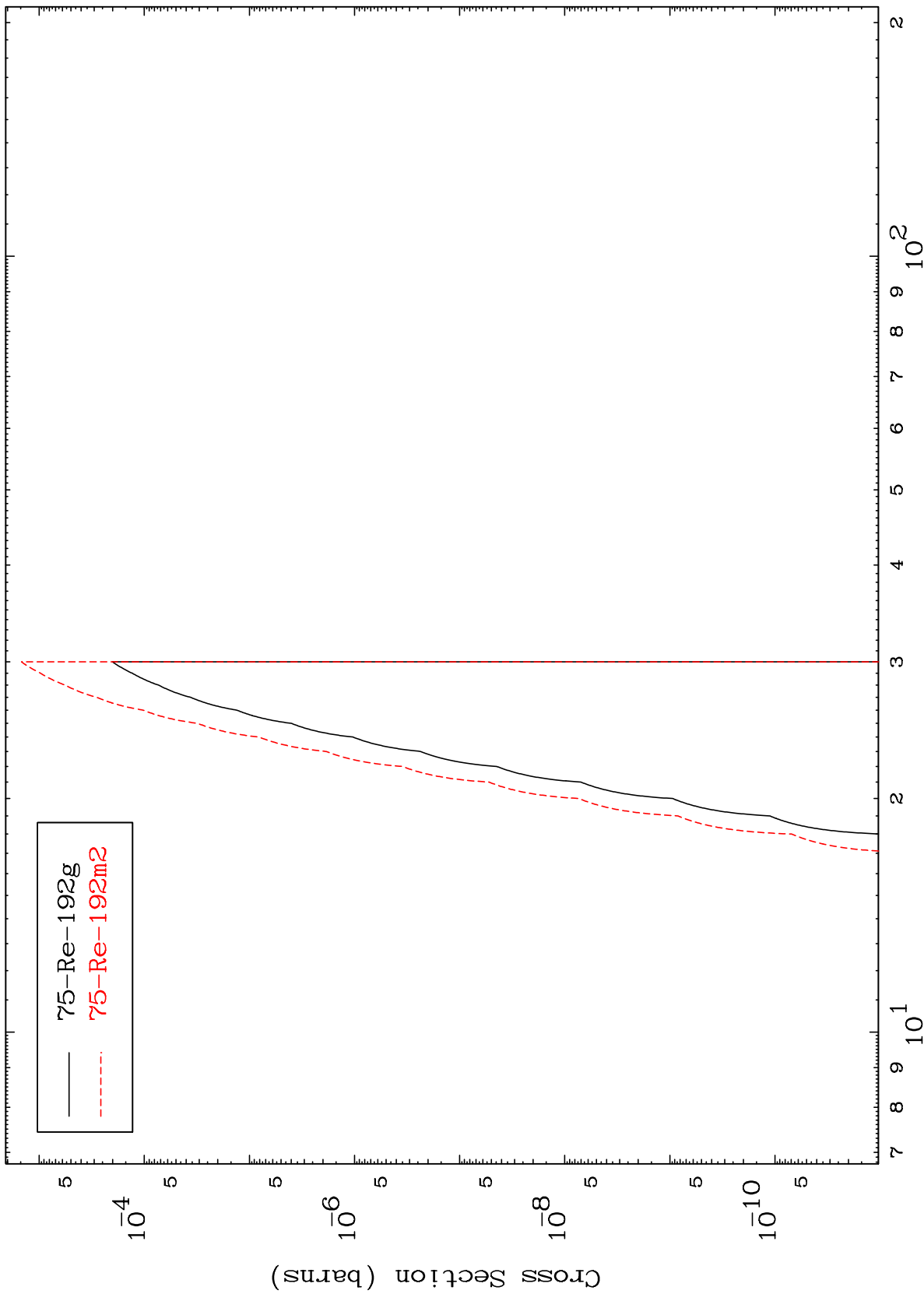


MAT 7744

(n,2n) α

77-Ir-197m

Radionuclide Production Cross Section



Incident Energy (MeV)

77-Ir-197m

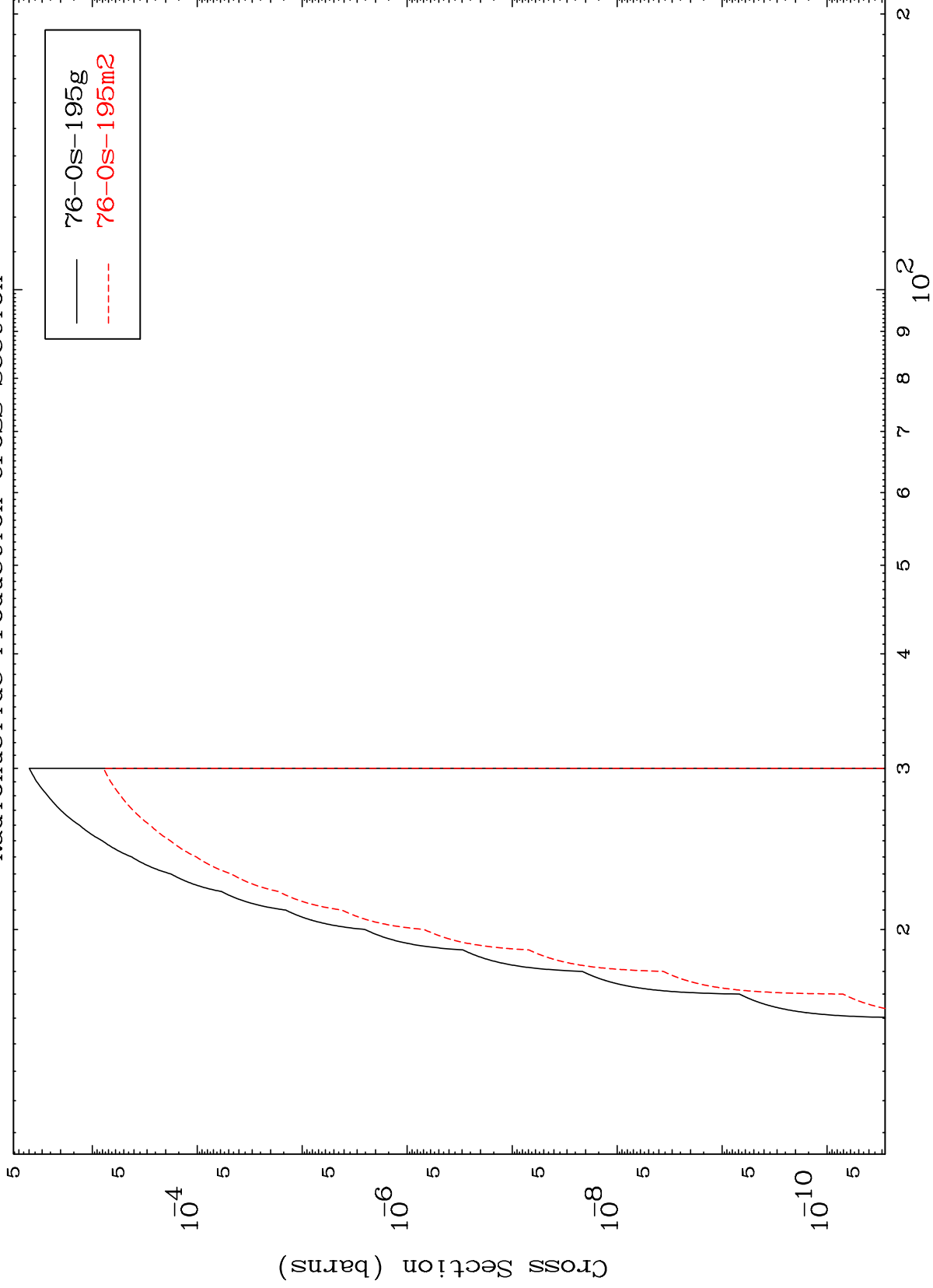
23

MAT 7744

(n,n') d

77-Ir-197m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

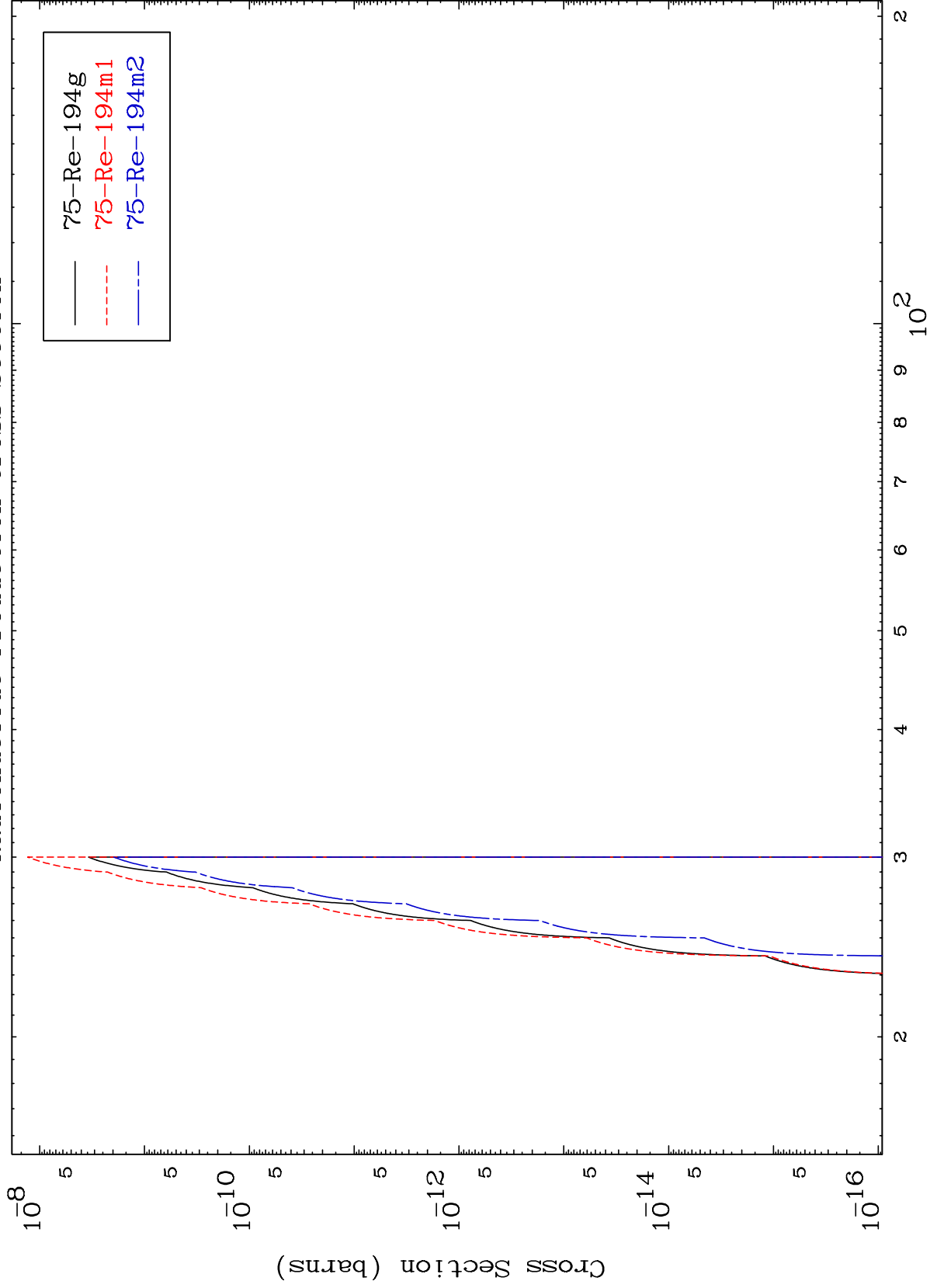
77-Ir-197m

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(n,n') He-3

77-Ir-197m

Radionuclide Production Cross Section



25

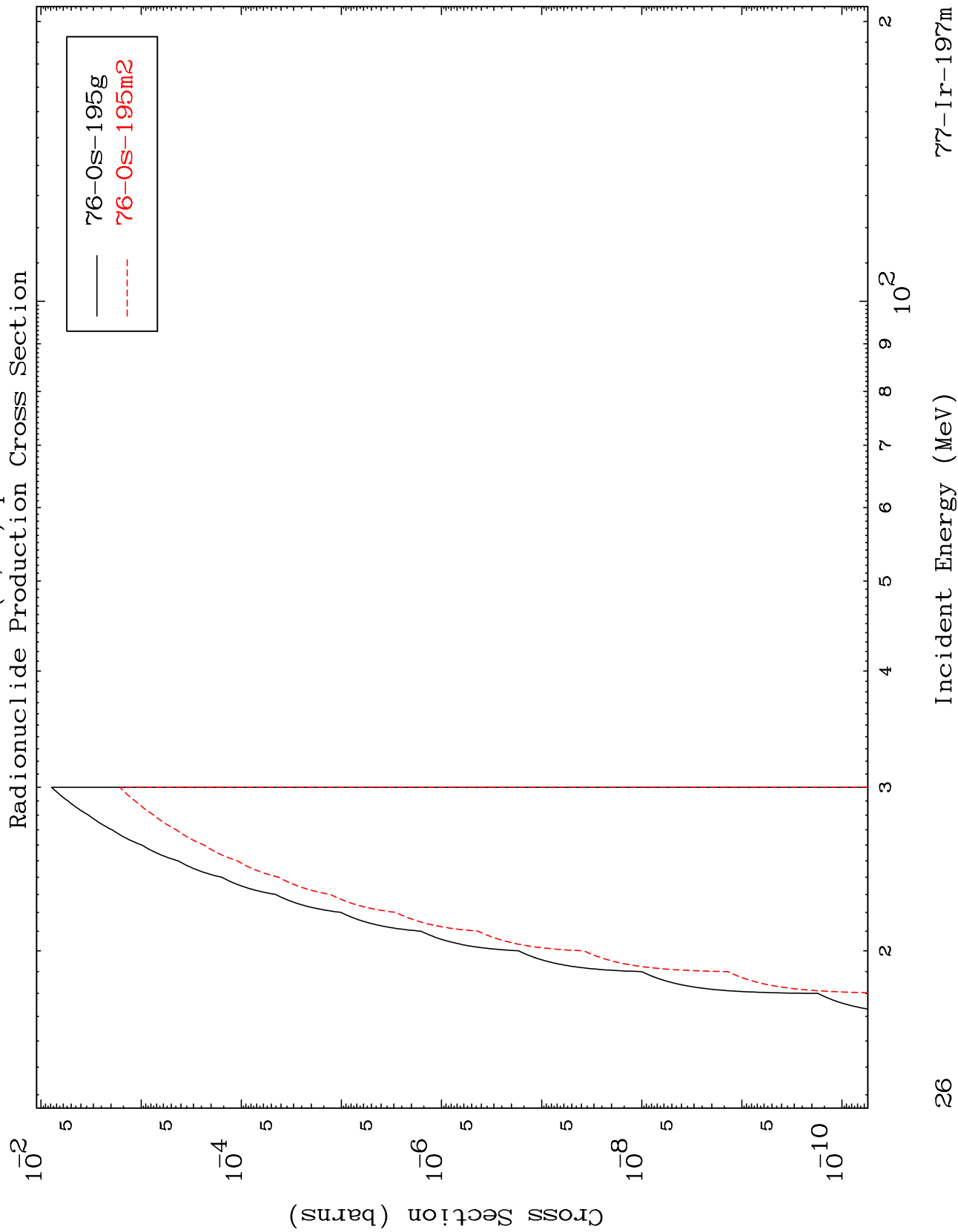
Incident Energy (MeV)

77-Ir-197m

MAT 7744

(n,2n) p

77-Ir-197m



26

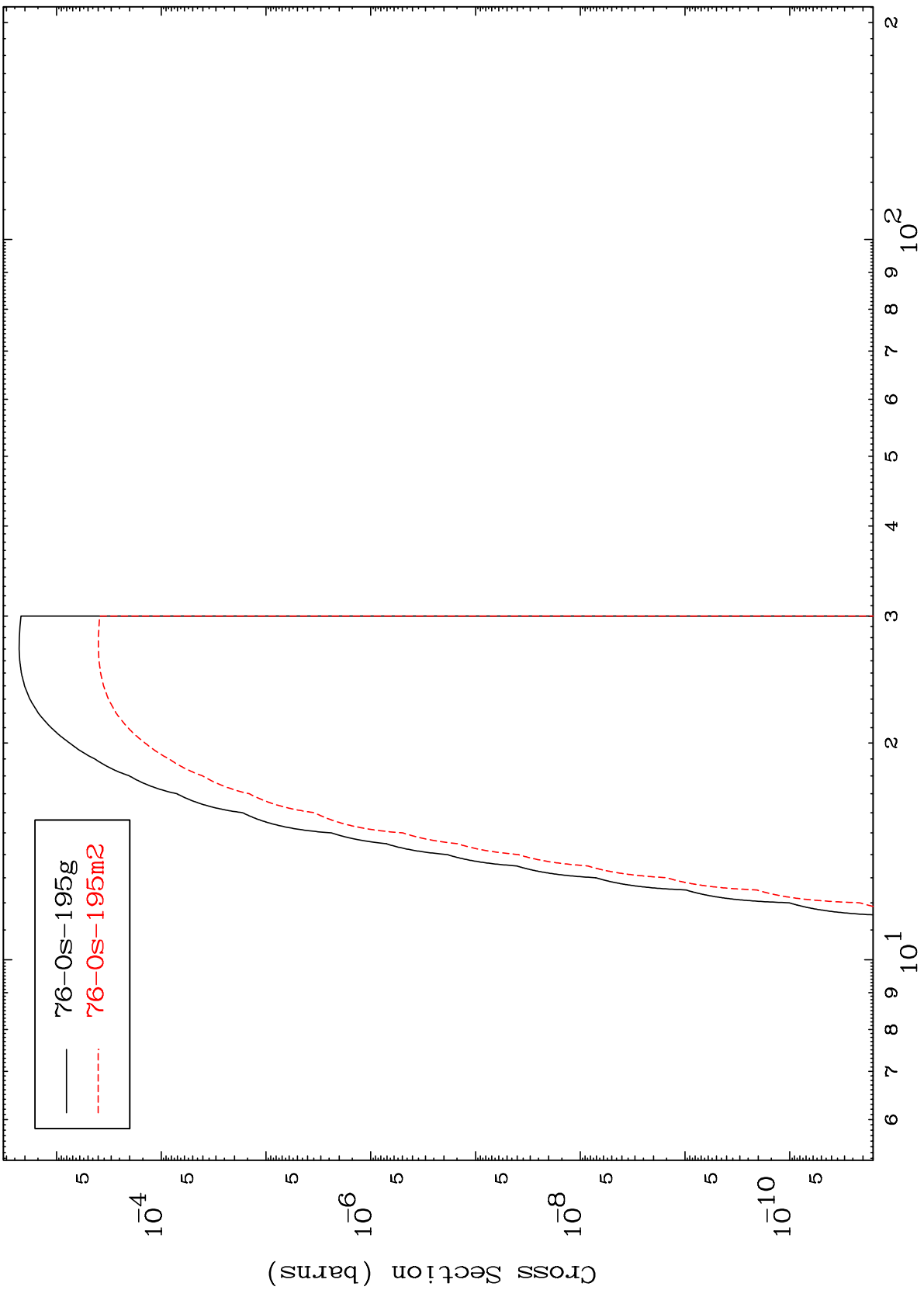
Incident Energy (MeV)

77-Ir-197m

MAT 7744

77-Ir-197m

Radionuclide Production Cross Section (n,t)



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

MAT 7744

Radionuclide Production Cross Section
(n, α)

⁷⁷Ir-197m

