

Program EVALPLOT
(Version 2021-1)

by

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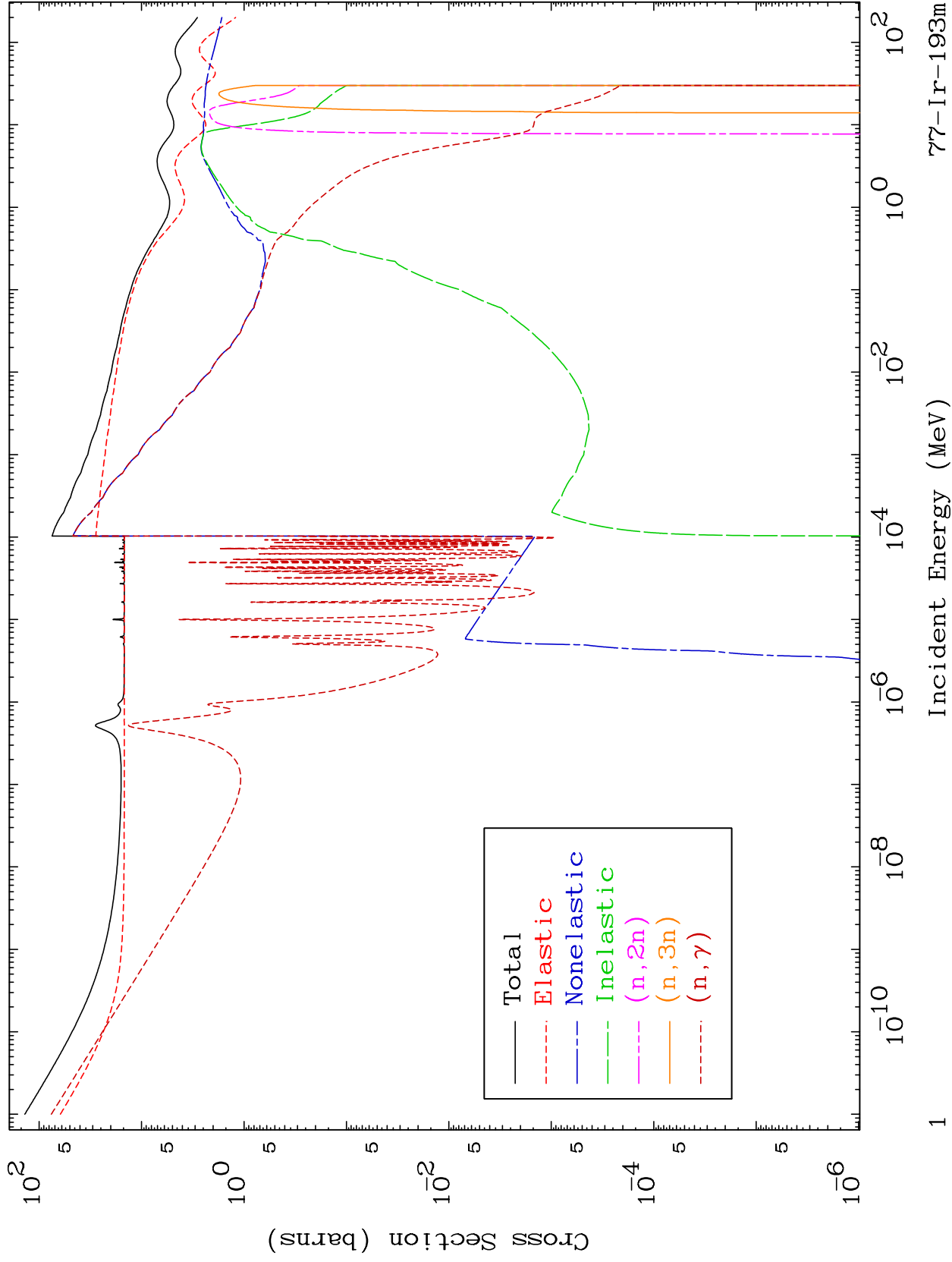
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7732

Neutron Major
293 Kelvin Cross Sections

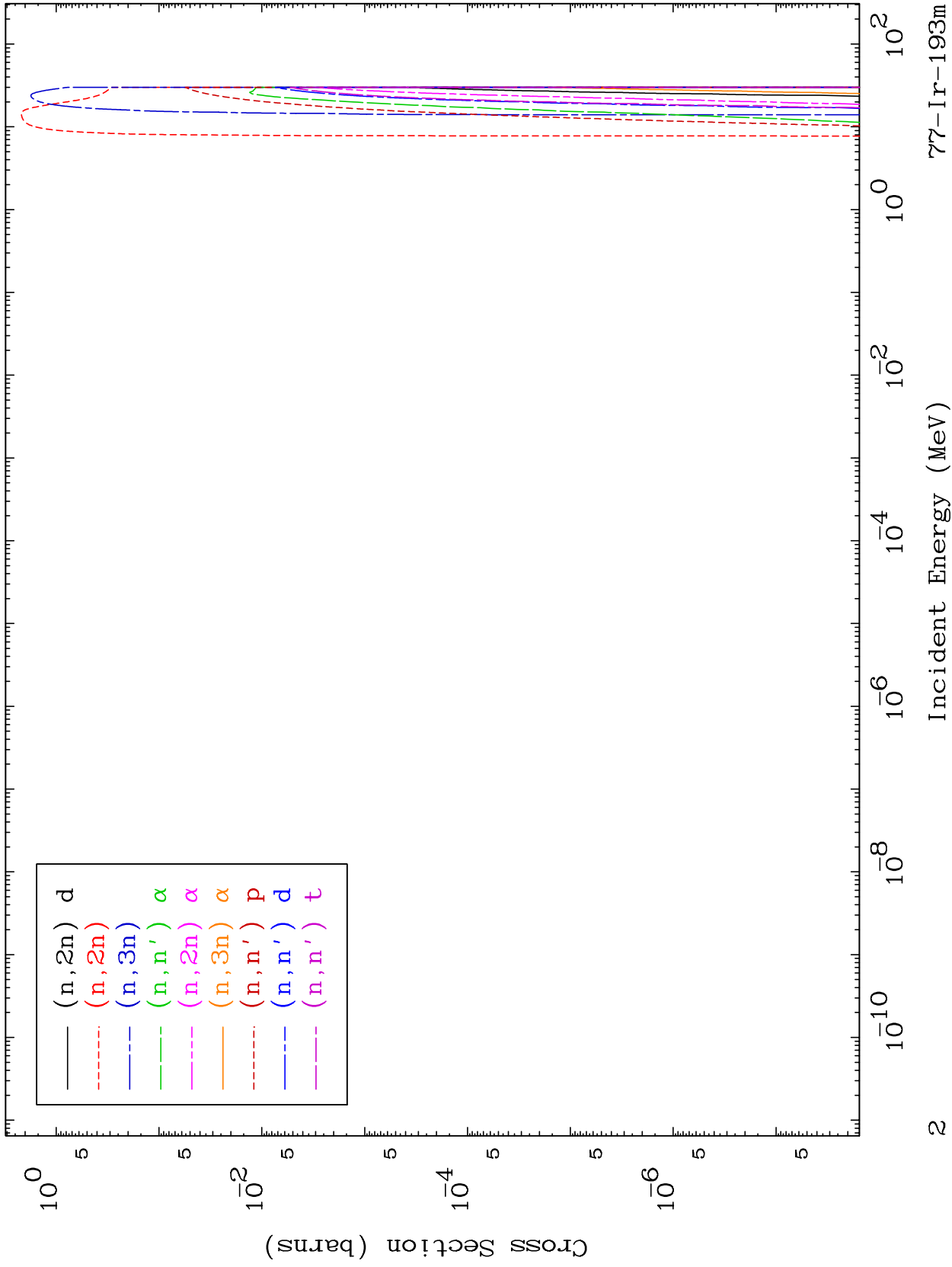
77-Ir-193m

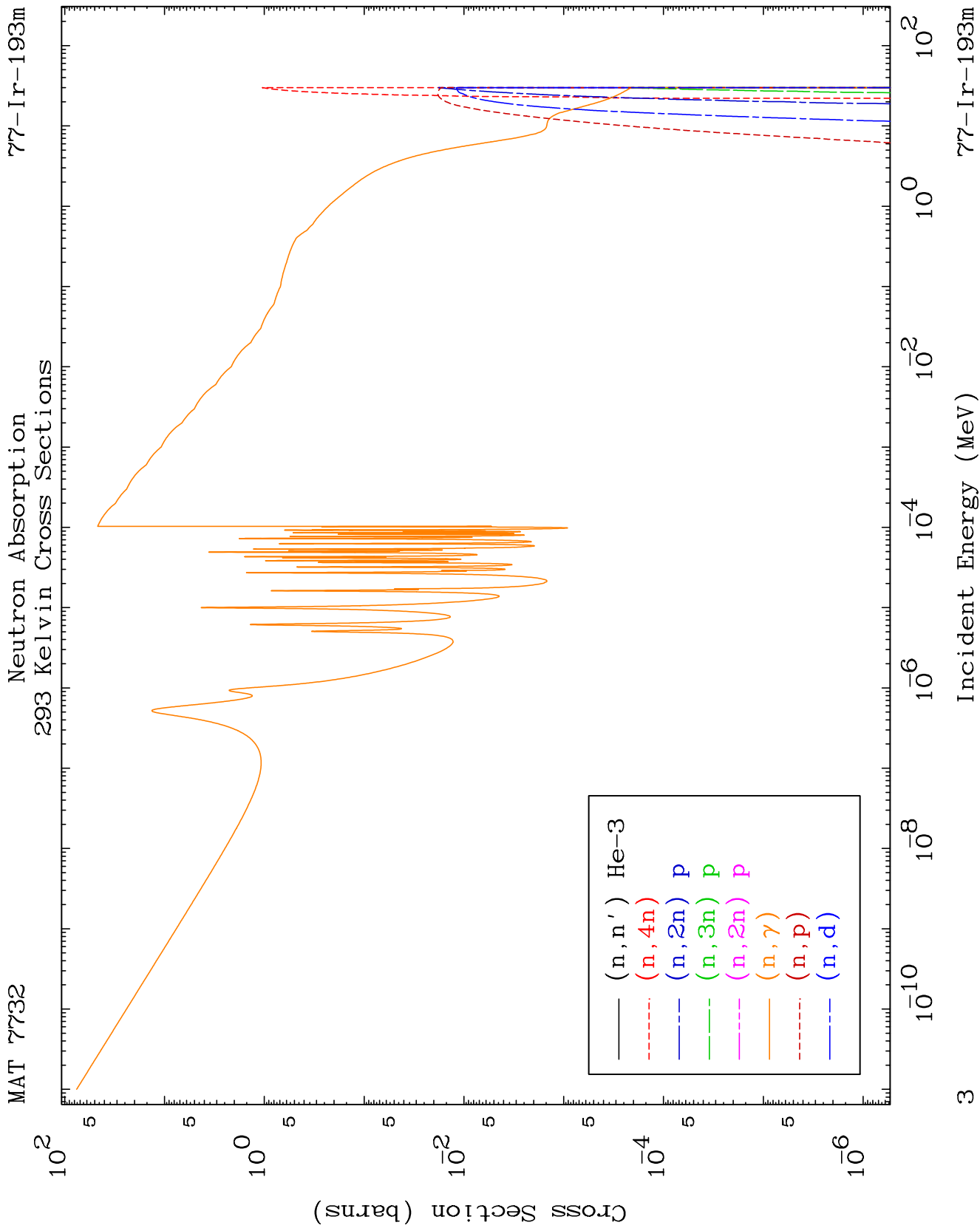


MAT 7732

Neutron Absorption
293 Kelvin Cross Sections

77-Ir-193m

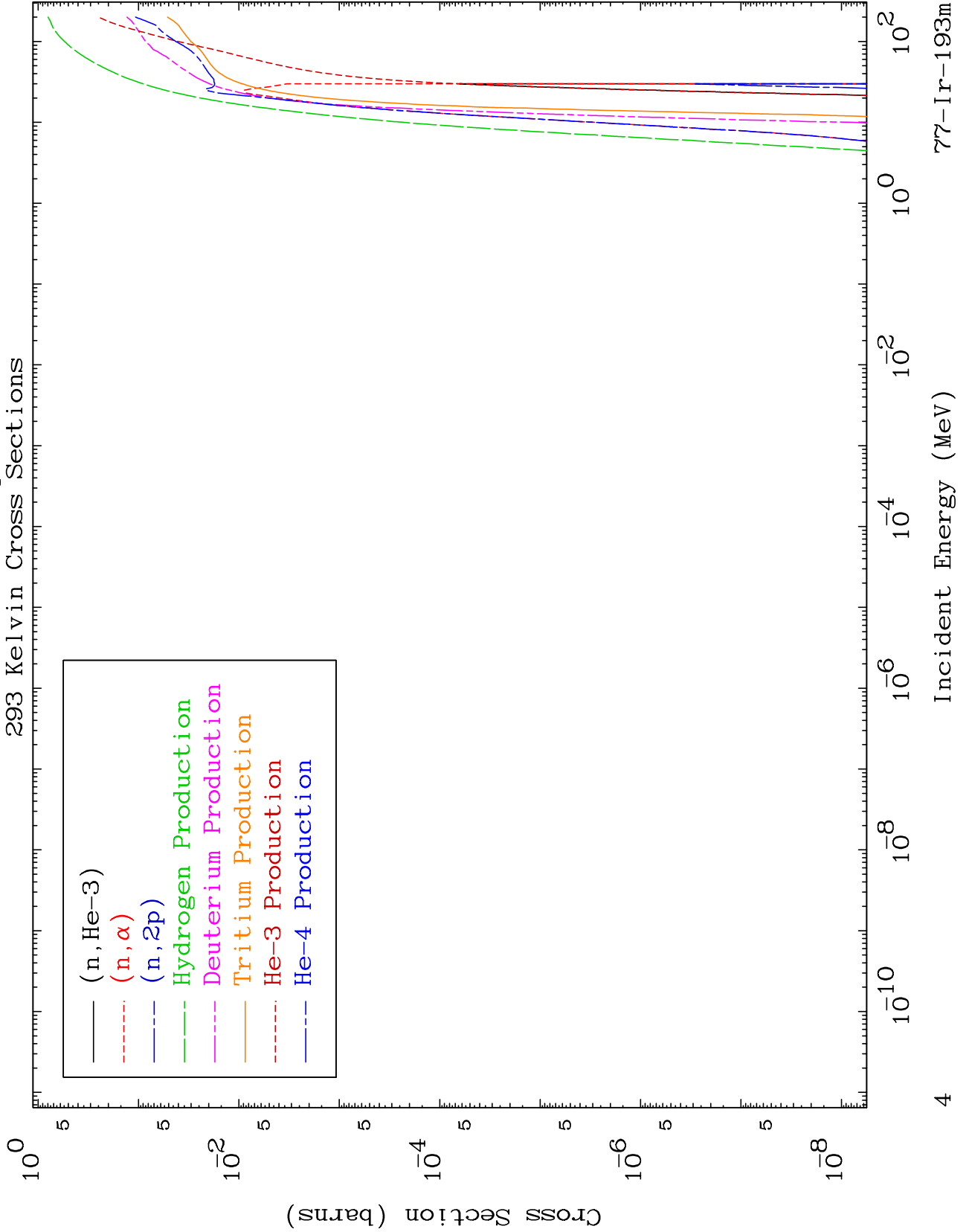




MAT 7732

Neutron Absorption
293 Kelvin Cross Sections

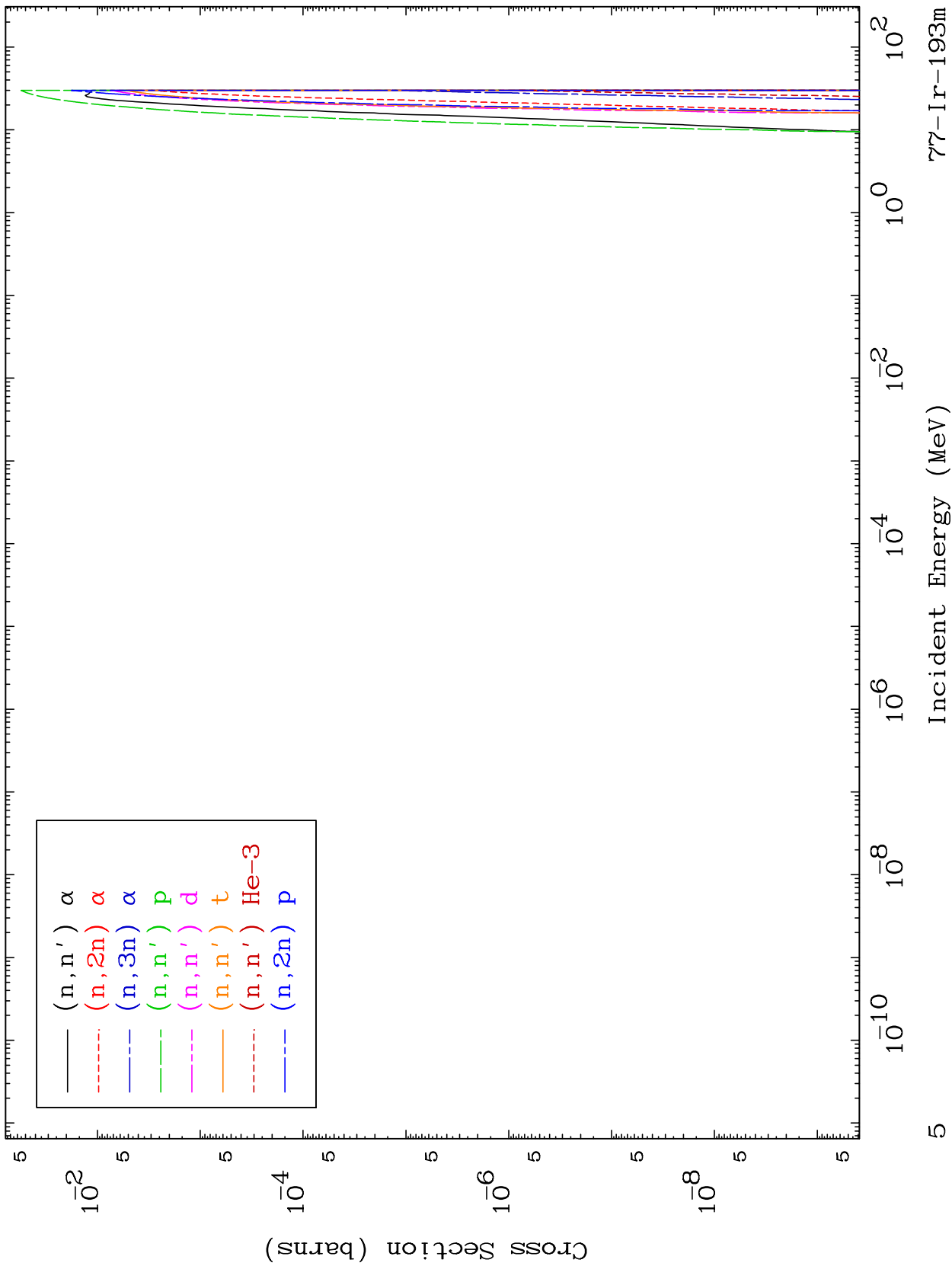
77-Ir-193m



MAT 7732

Charged Particle
293 Kelvin Cross Sections

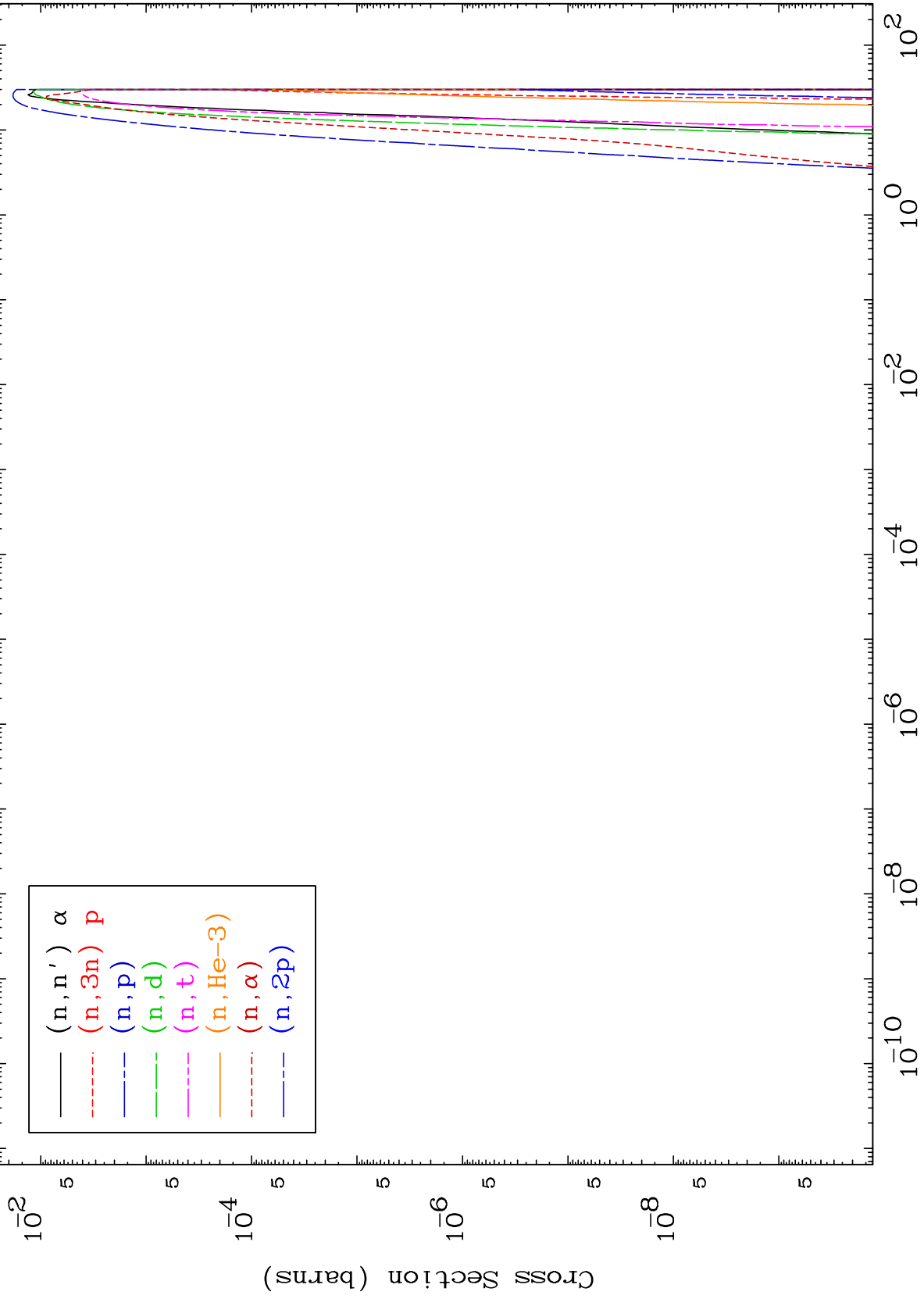
77-Ir-193m



MAT 7732

Charged Particle
293 Kelvin Cross Sections

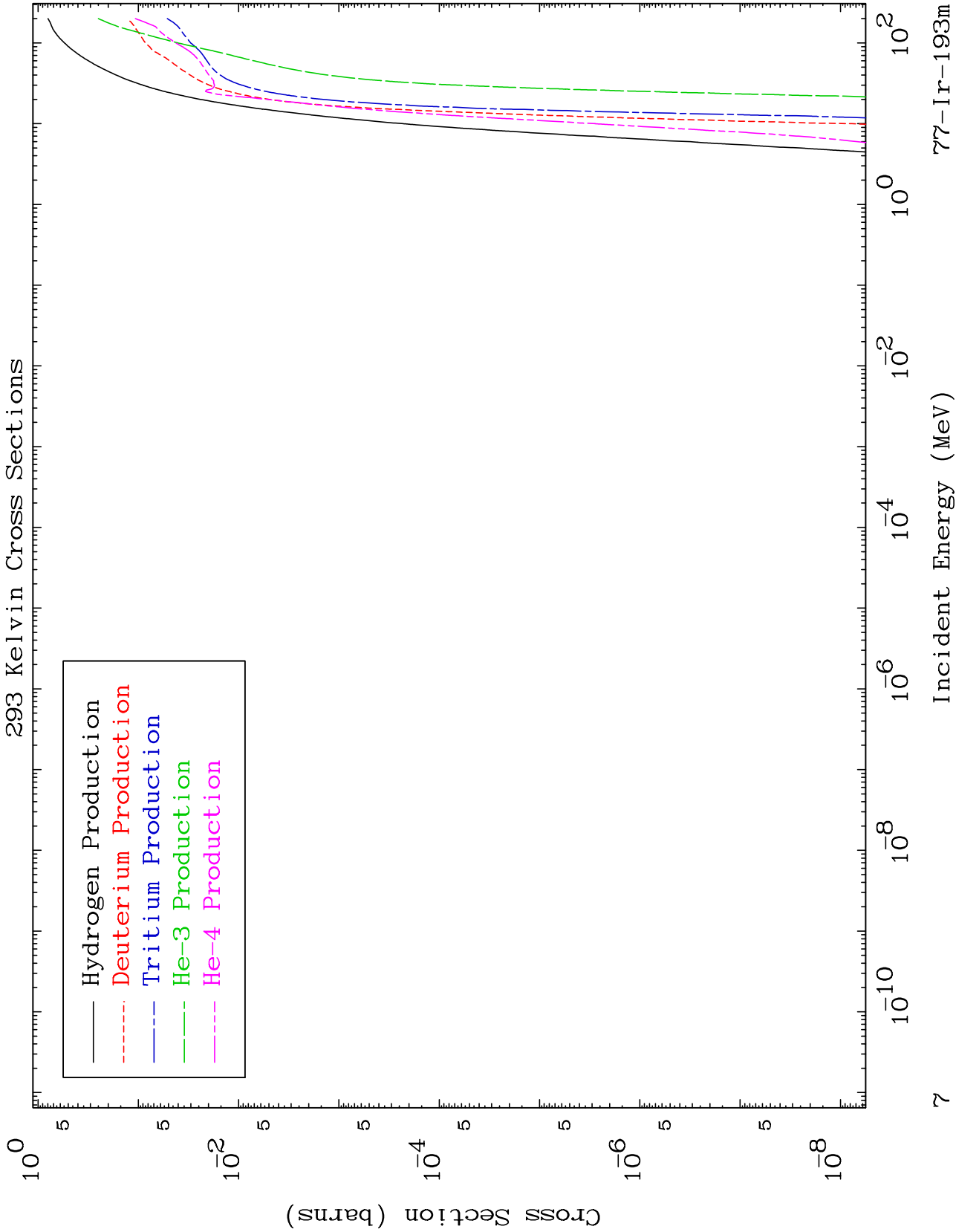
77-Ir-193m



MAT 7732

Particle Production
293 Kelvin Cross Sections

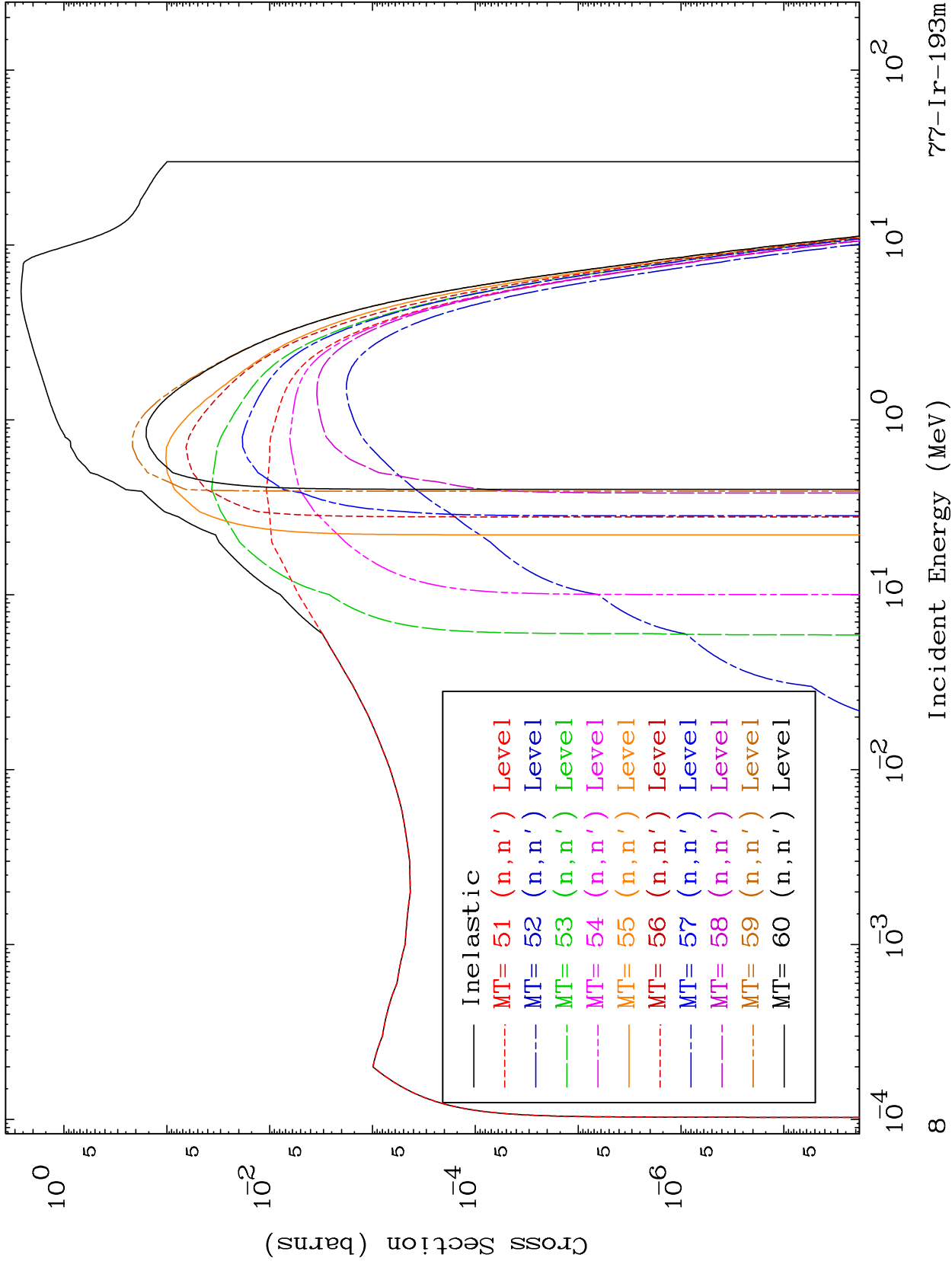
77-Ir-193m



MAT 7732

(n,n') Levels
293 Kelvin Cross Sections

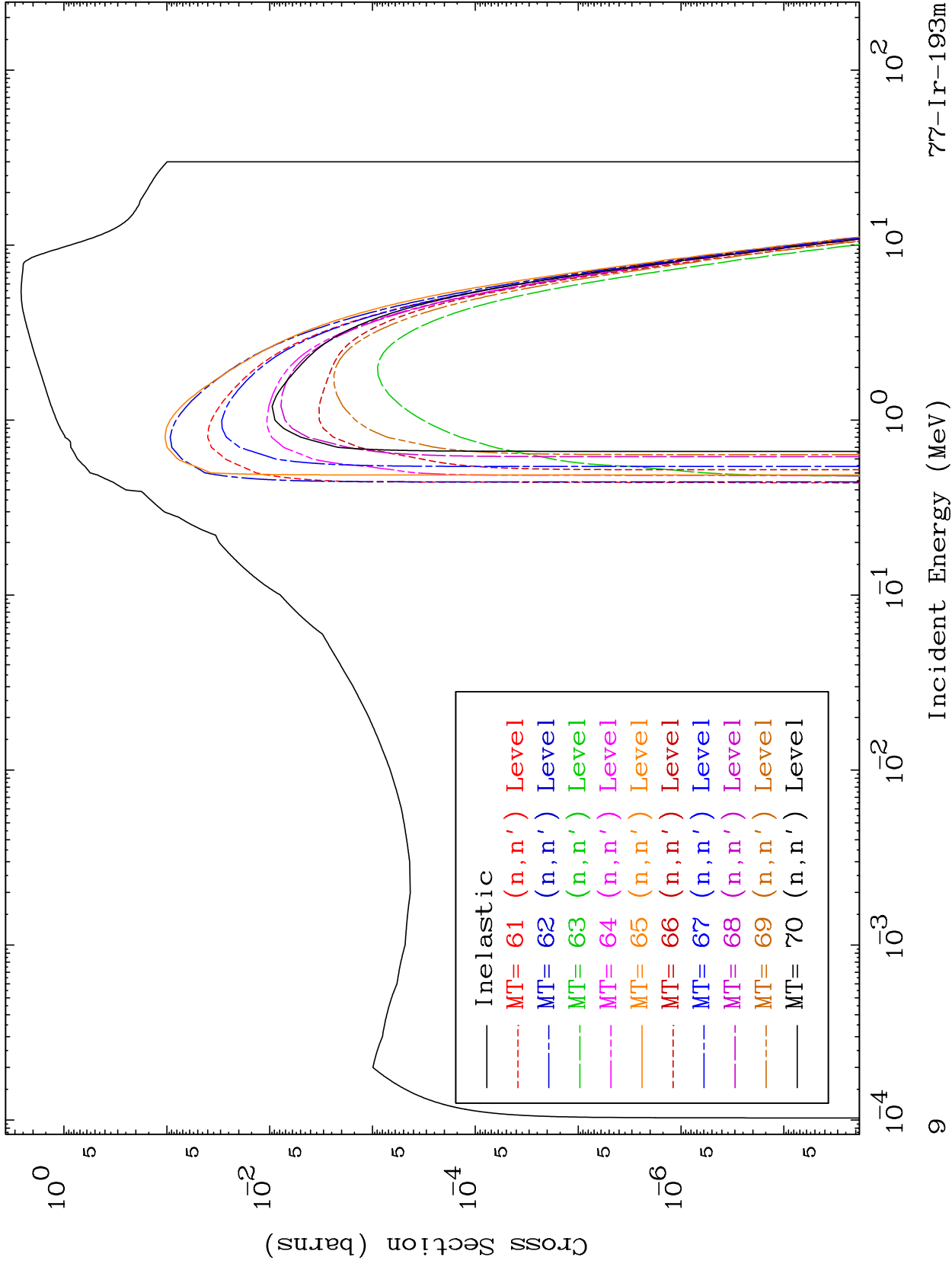
77-Ir-193m



MAT 7732

(n,n') Levels
293 Kelvin Cross Sections

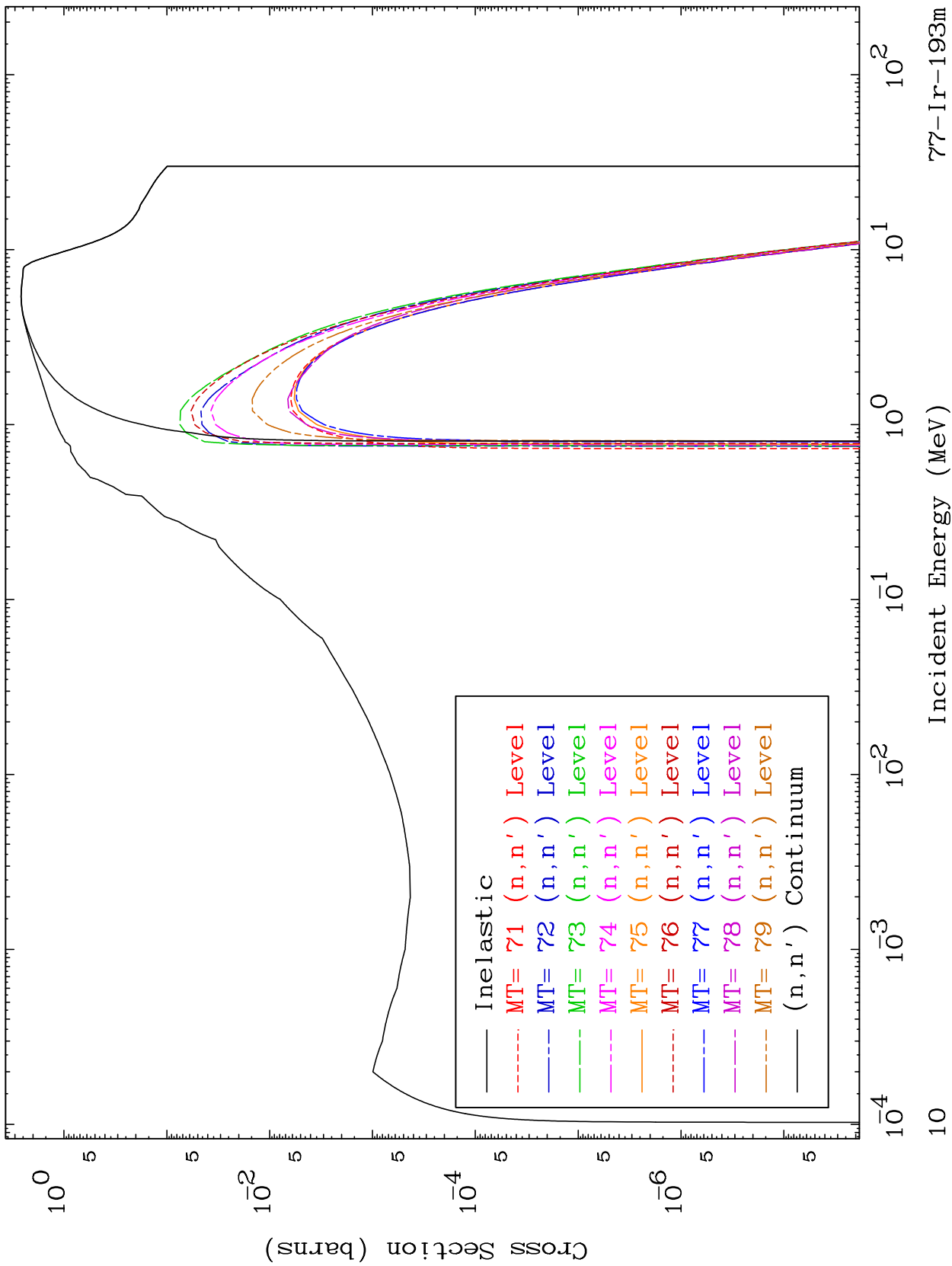
77-Ir-193m



MAT 7732

(n,n') Levels
293 Kelvin Cross Sections

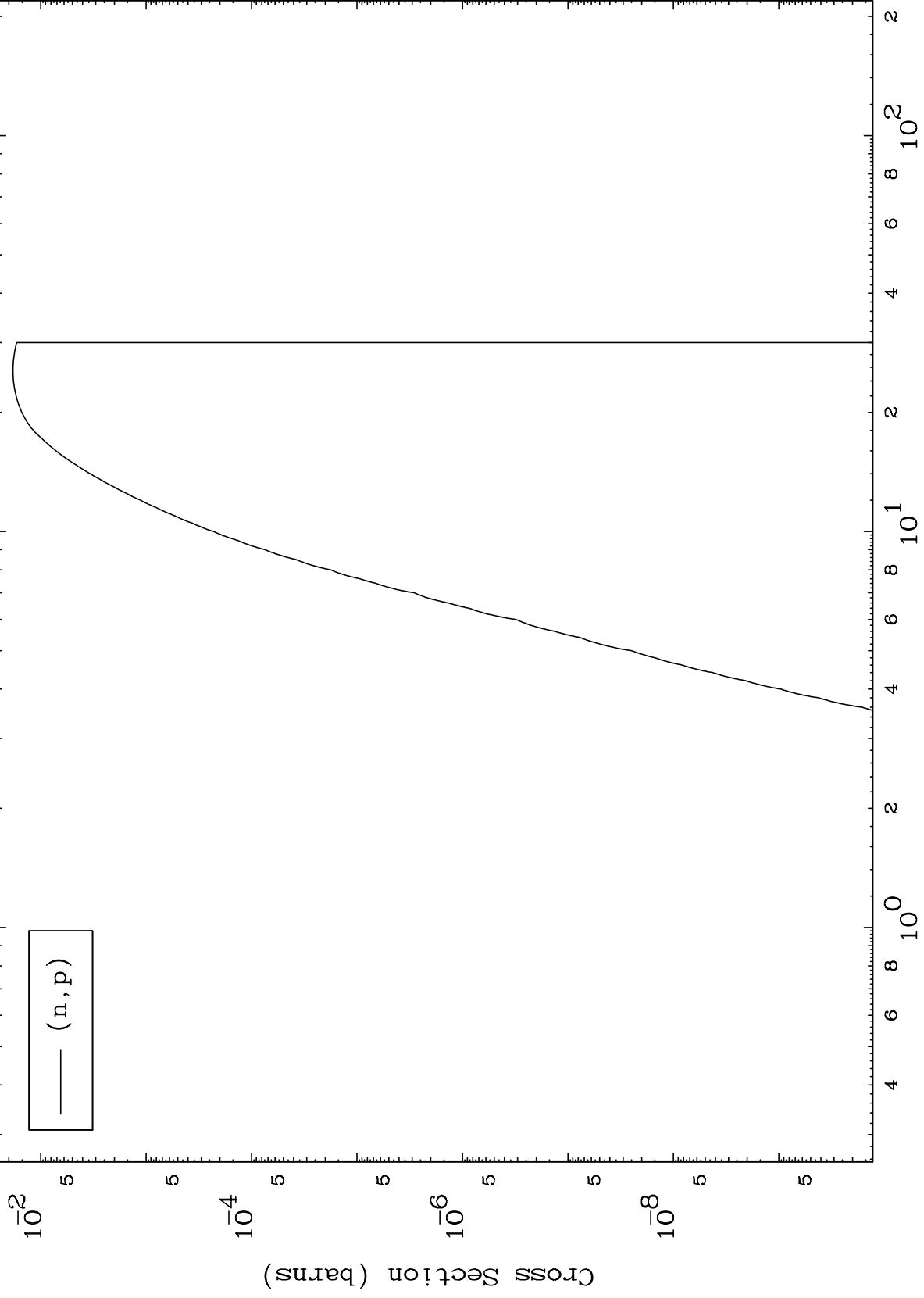
77-Ir-193m



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(n,p) Levels
293 Kelvin Cross Sections

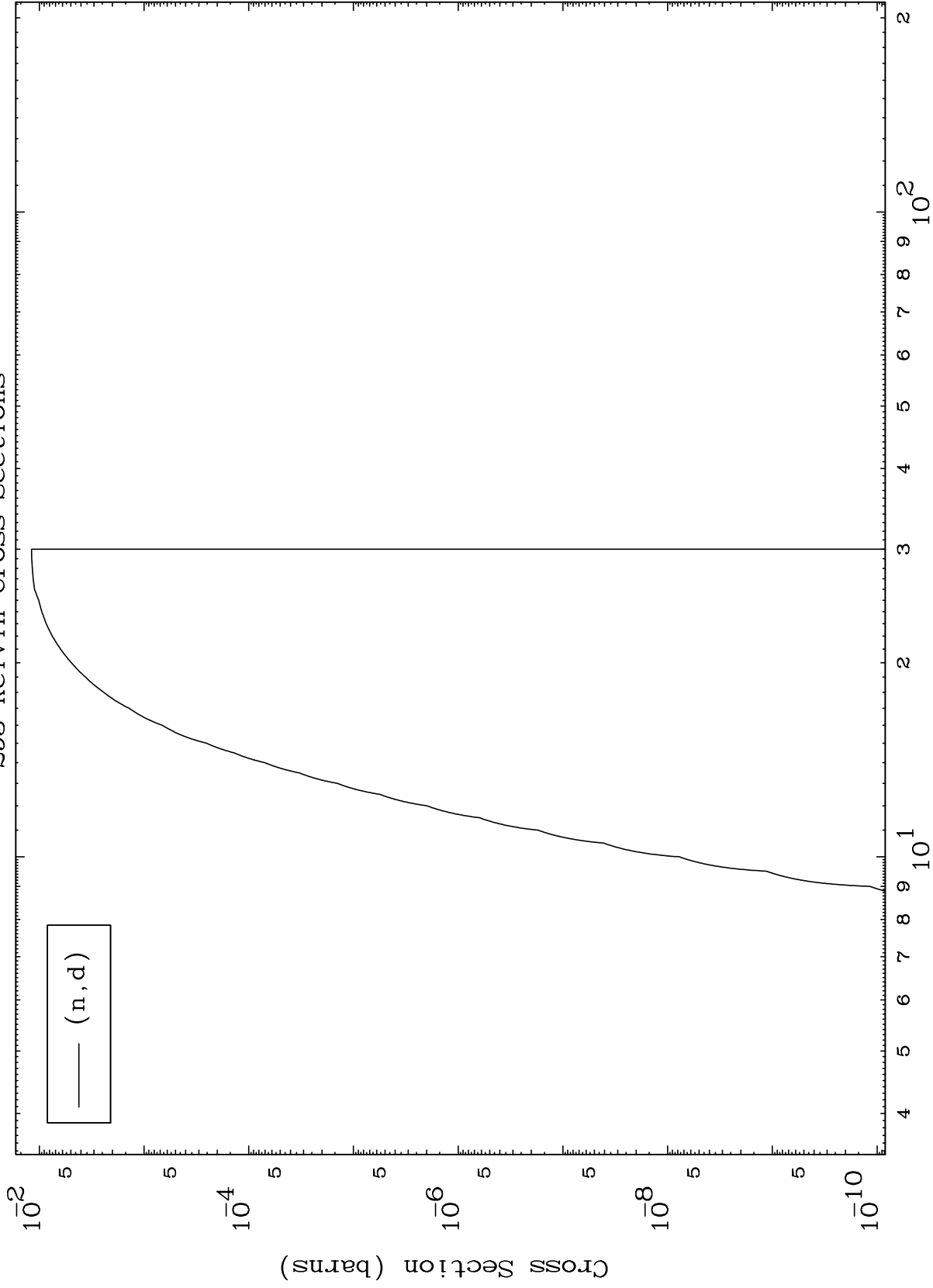
77-Ir-193m



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(n,d) Levels
293 Kelvin Cross Sections

77-Ir-193m



12

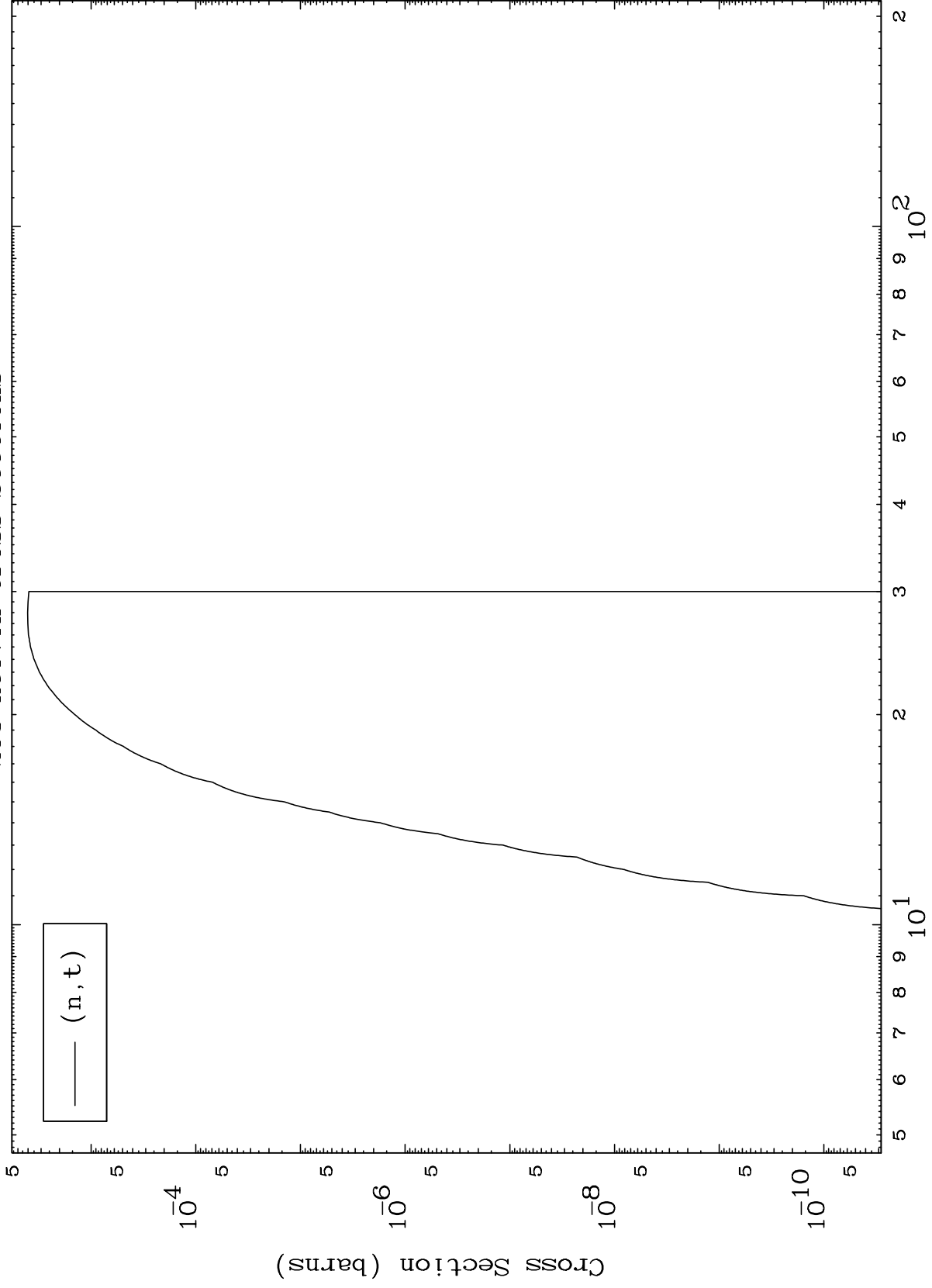
Incident Energy (MeV)

77-Ir-193m

MAT 7732

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-193m



13

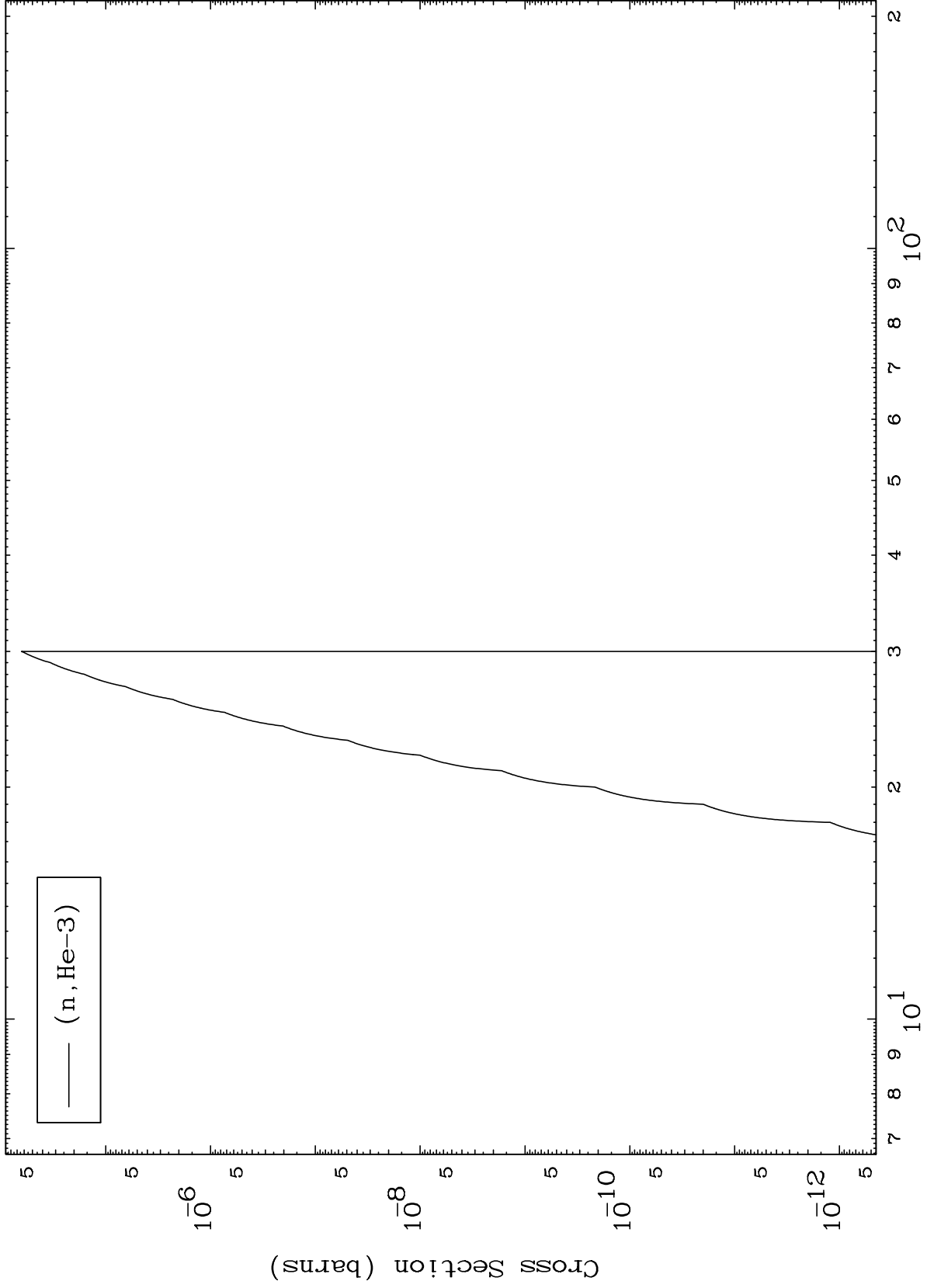
Incident Energy (MeV)

77-Ir-193m

MAT 7732

(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-193m



14

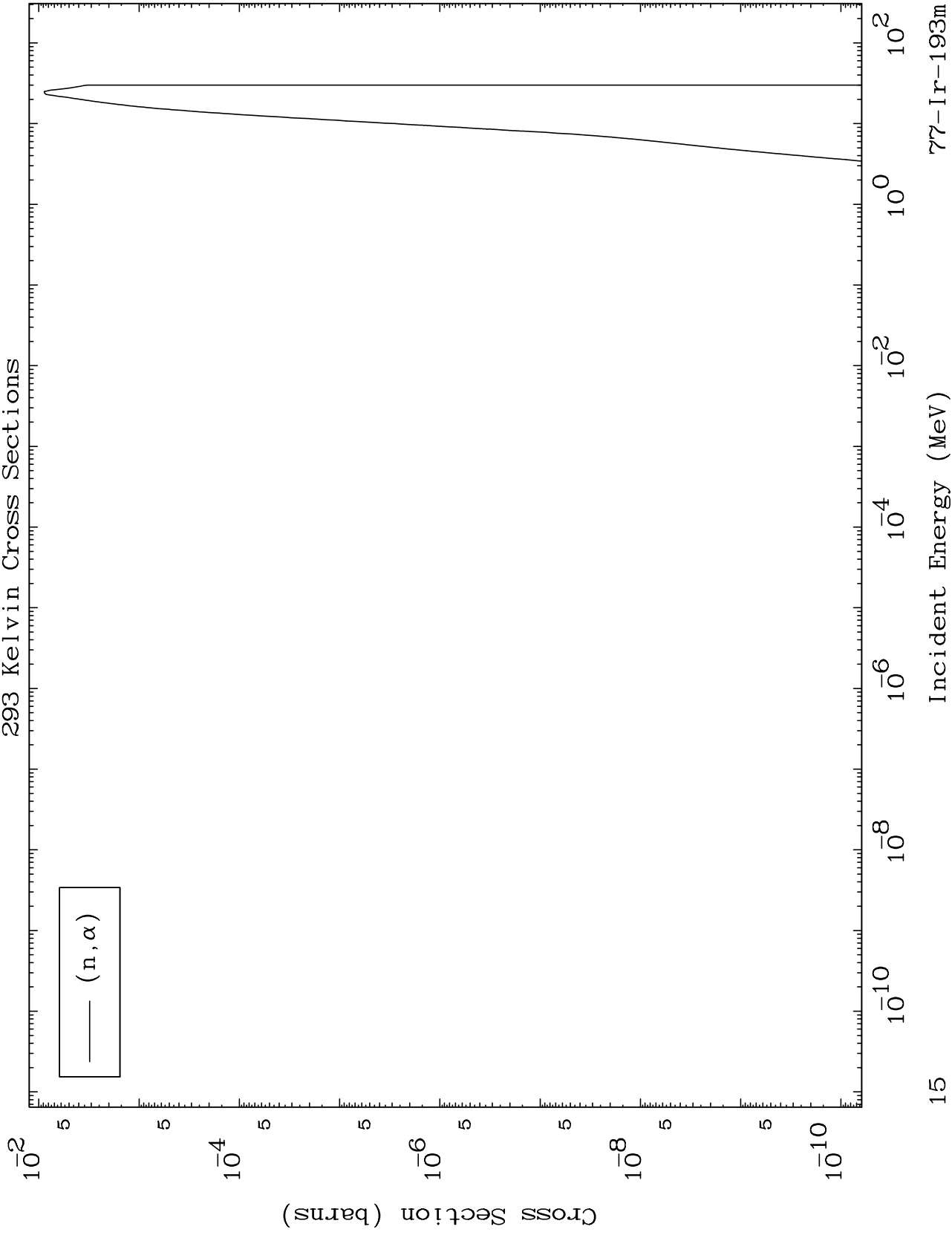
Incident Energy (MeV)

77-Ir-193m

MAT 7732

(n, α) Levels
293 Kelvin Cross Sections

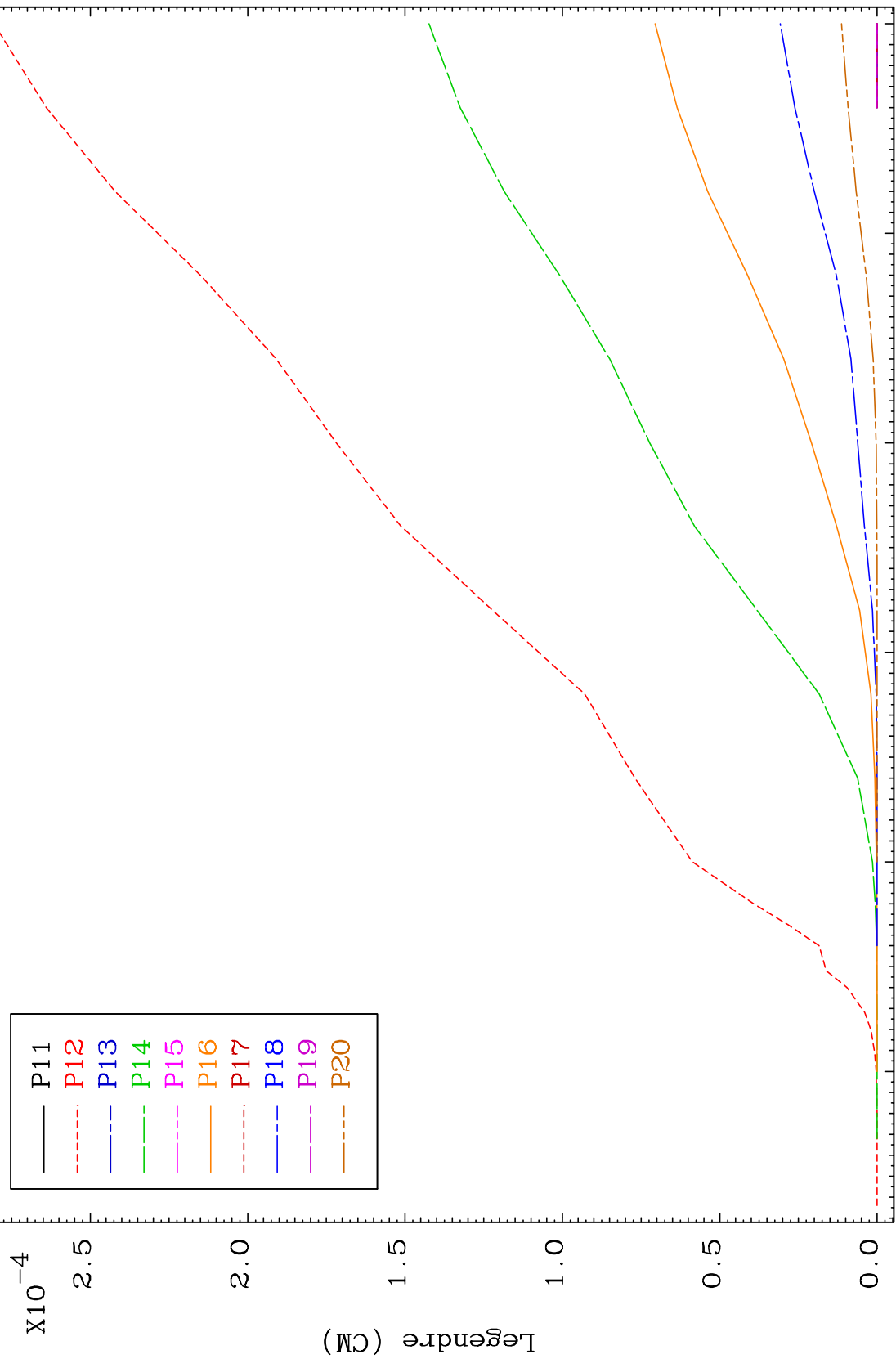
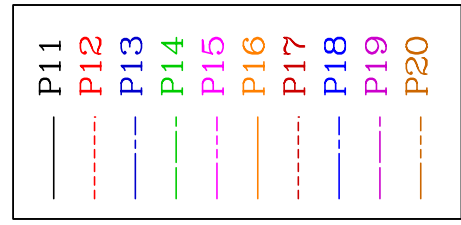
⁷⁷Ir-193m



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Elastic Legendre Coefficients

77-Ir-193m



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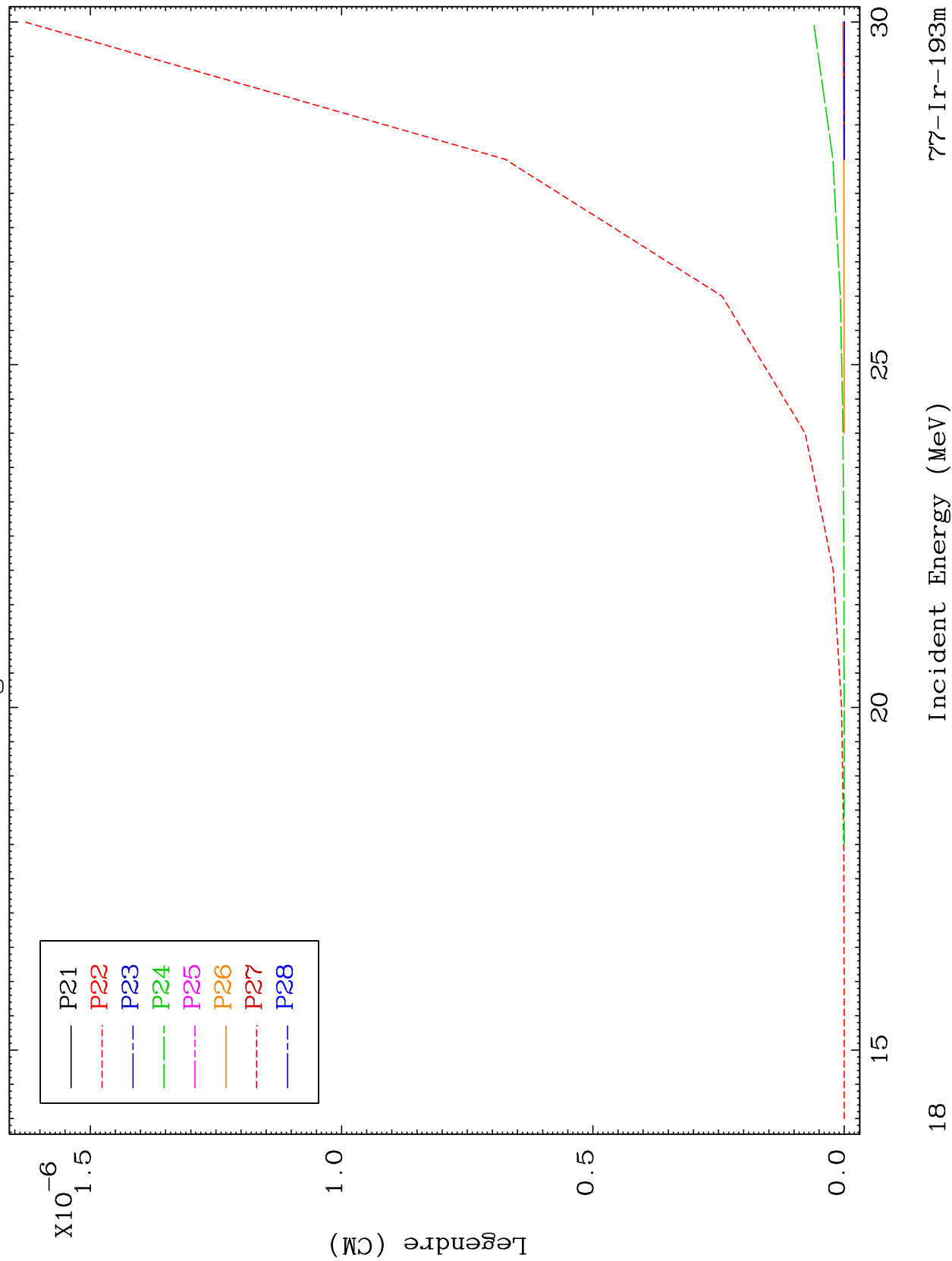
Incident Energy (MeV)

77-Ir-193m

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Elastic Legendre Coefficients

77-Ir-193m



18

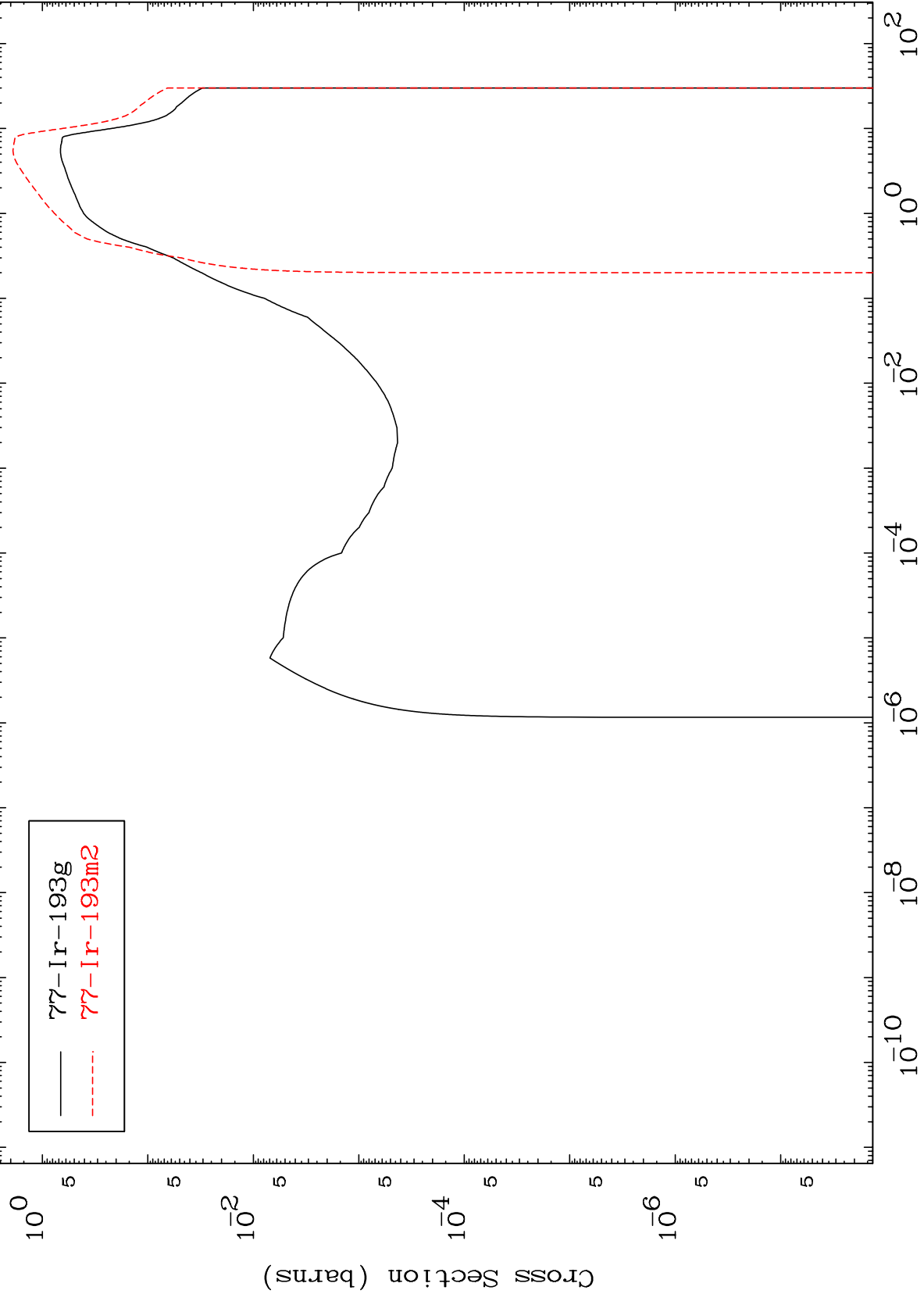
Incident Energy (MeV)

77-Ir-193m

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Inelastic
Radionuclide Production Cross Section

⁷⁷Ir-193m

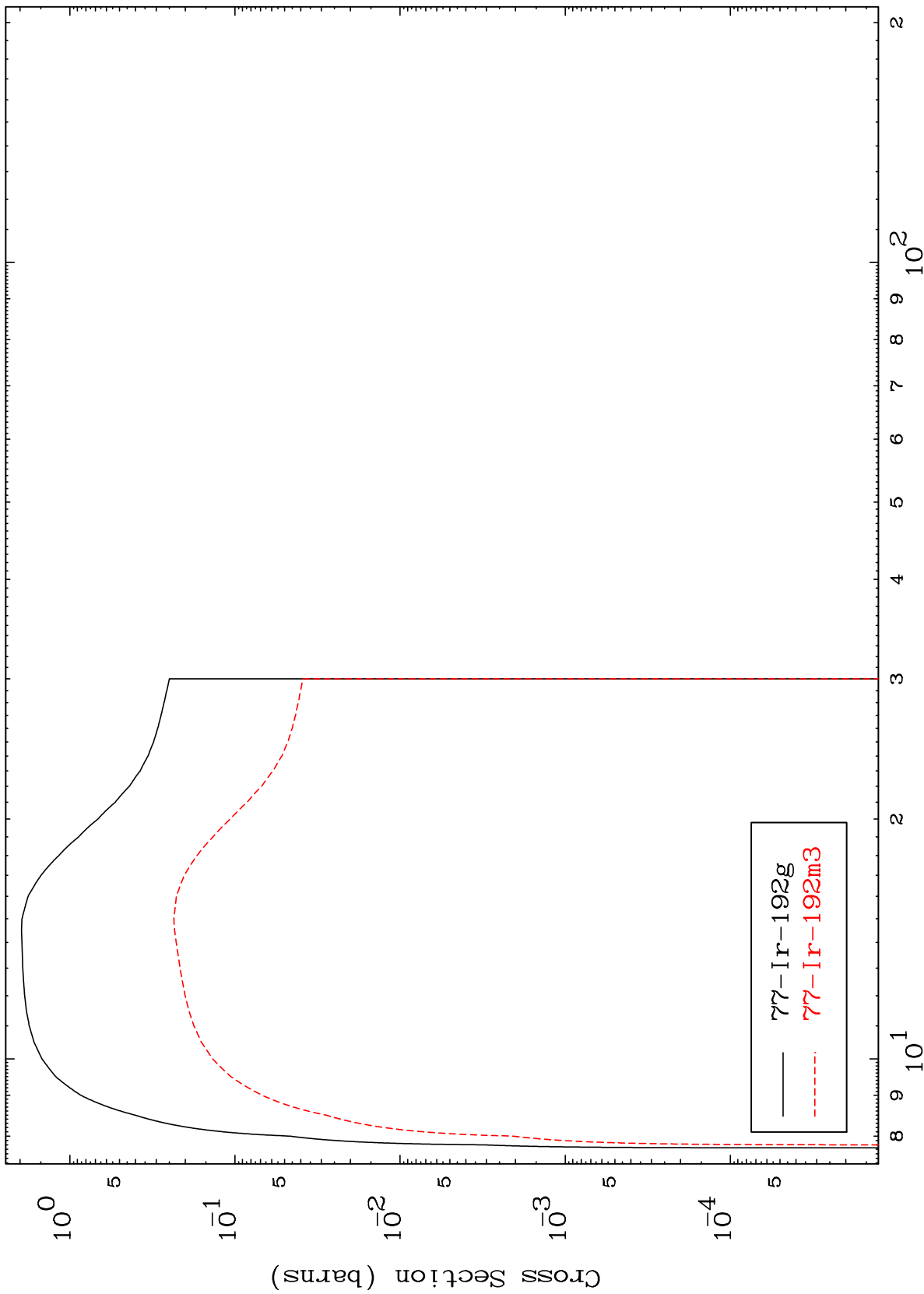


— ⁷⁷Ir-193g
- - - ⁷⁷Ir-193m2

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⁷⁷Ir-193m

Radionuclide Production Cross Section



⁷⁷Ir-193m

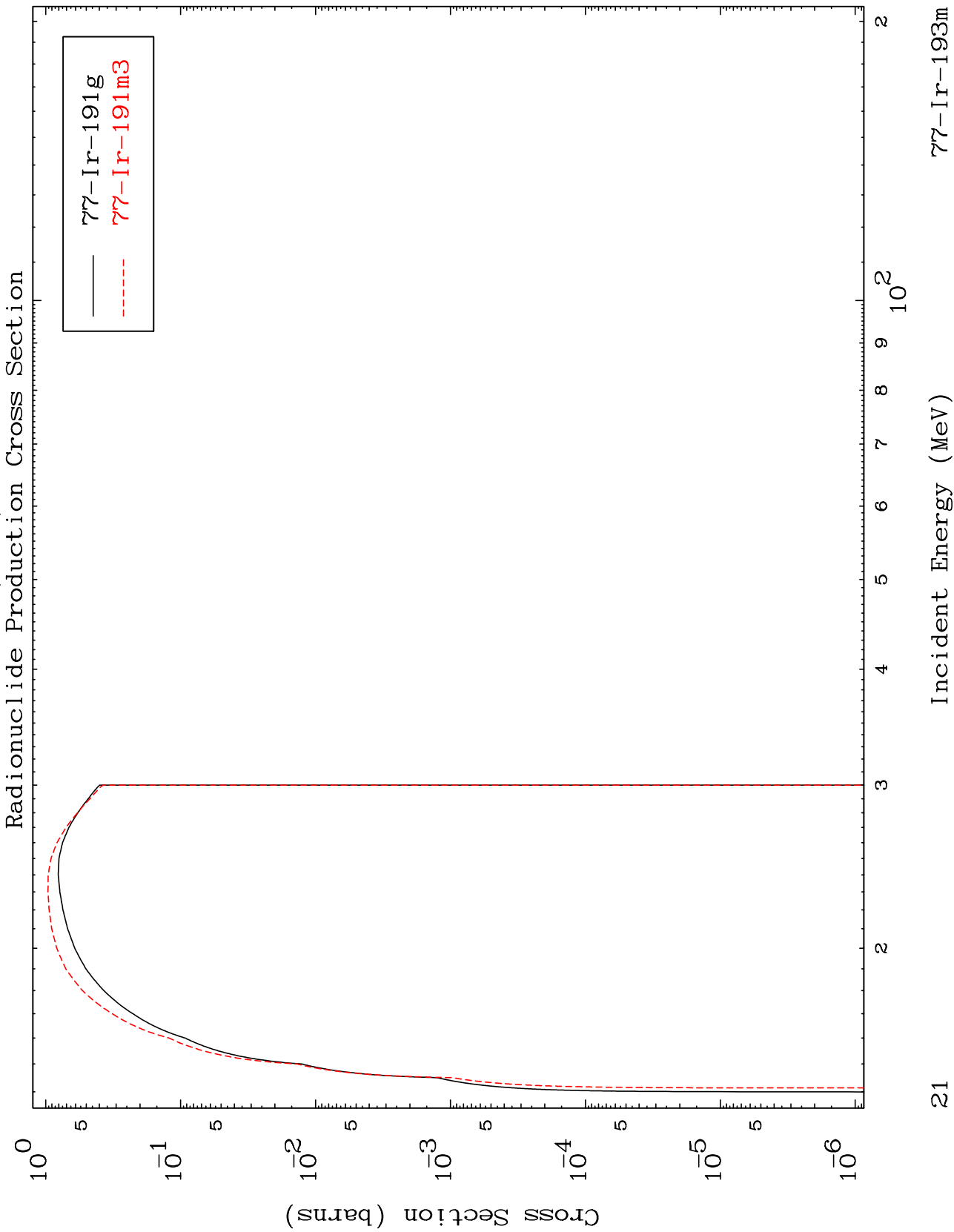
Incident Energy (MeV)

20

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(n,3n)

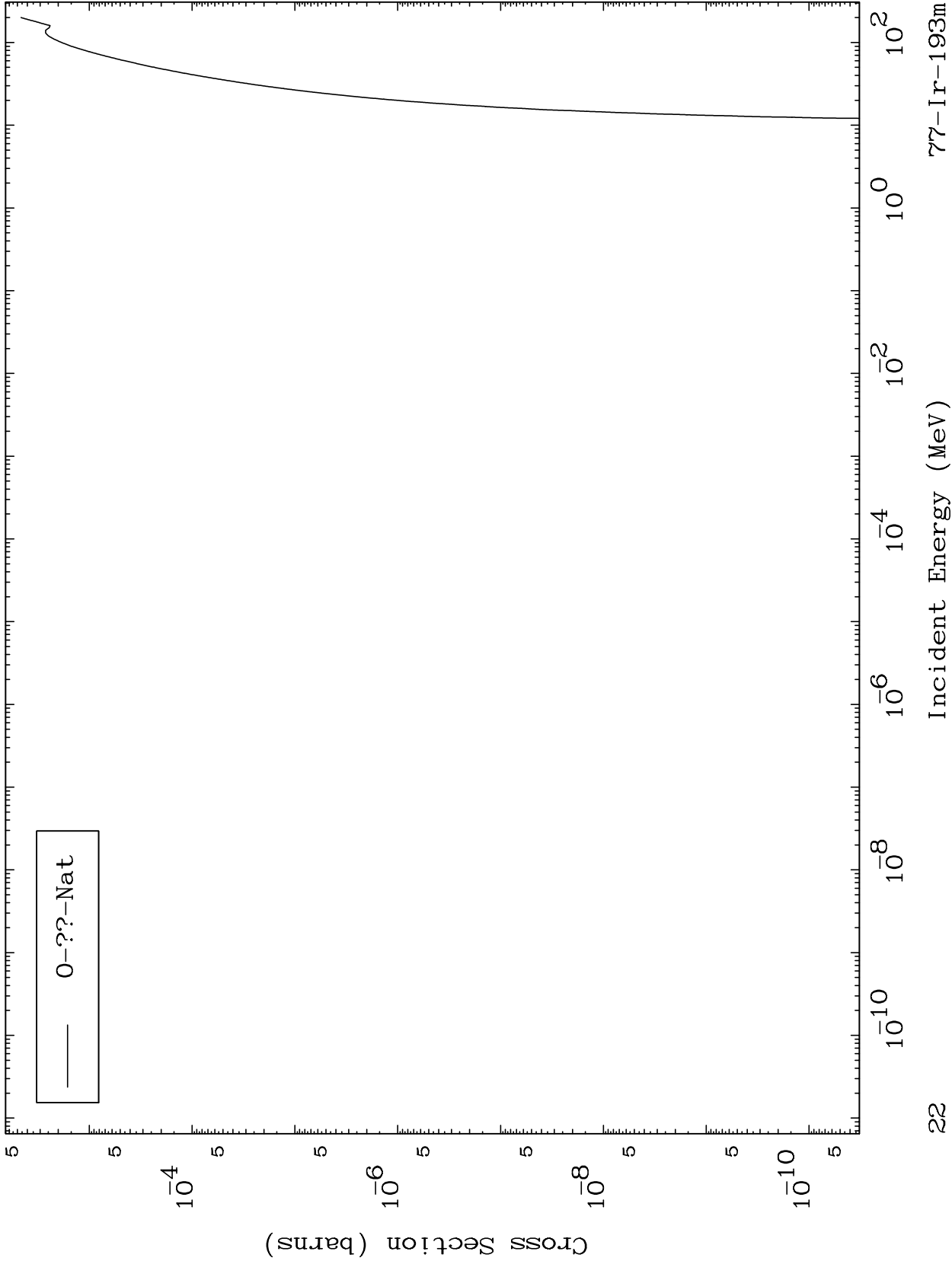
⁷⁷Ir-193m



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Fission
Radionuclide Production Cross Section

⁷⁷Ir-193m

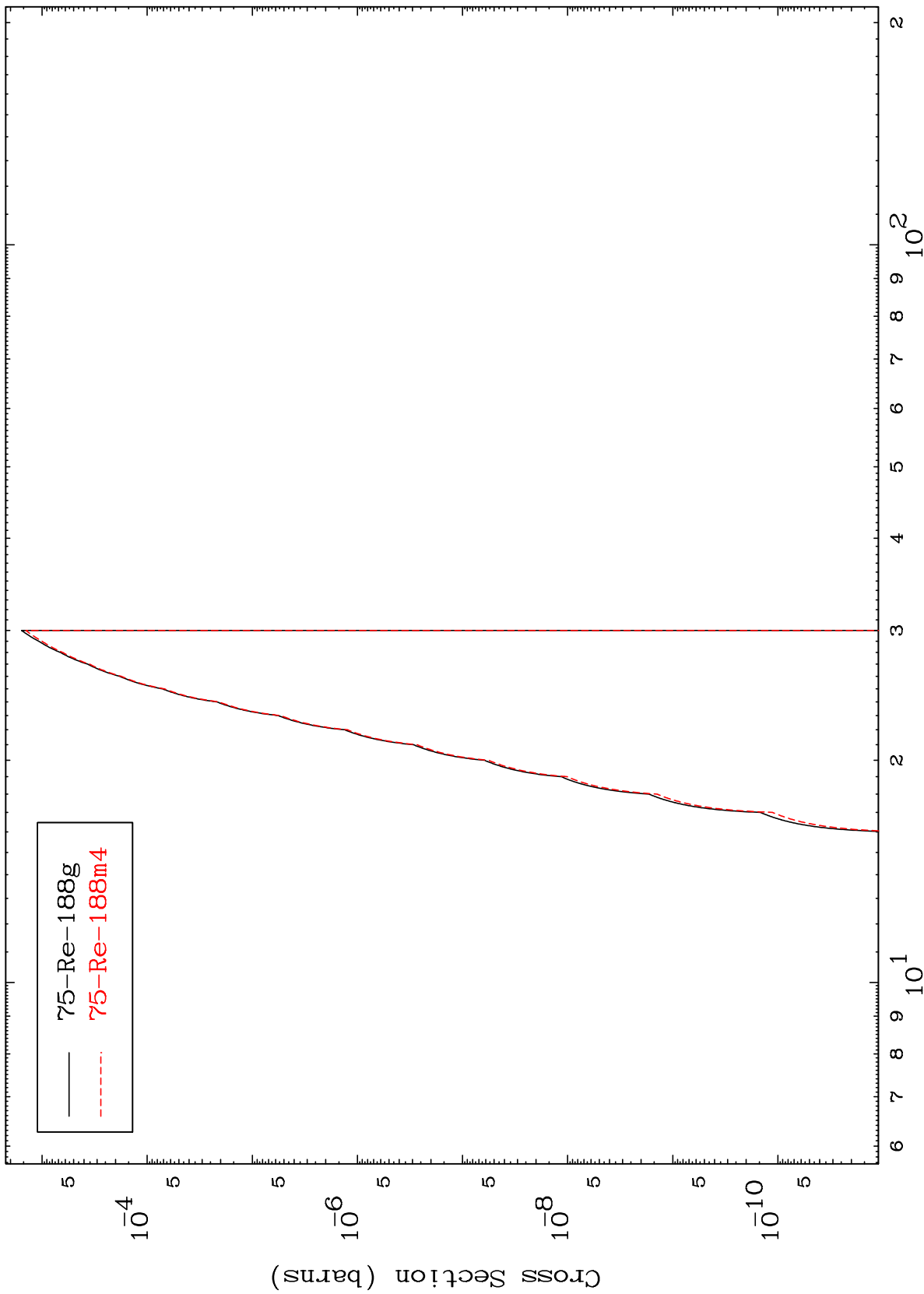


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$(n,2n) \alpha$

$^{77}\text{Ir-193m}$

Radionuclide Production Cross Section



— 75-Re-188g
- - - 75-Re-188m4

Incident Energy (MeV)

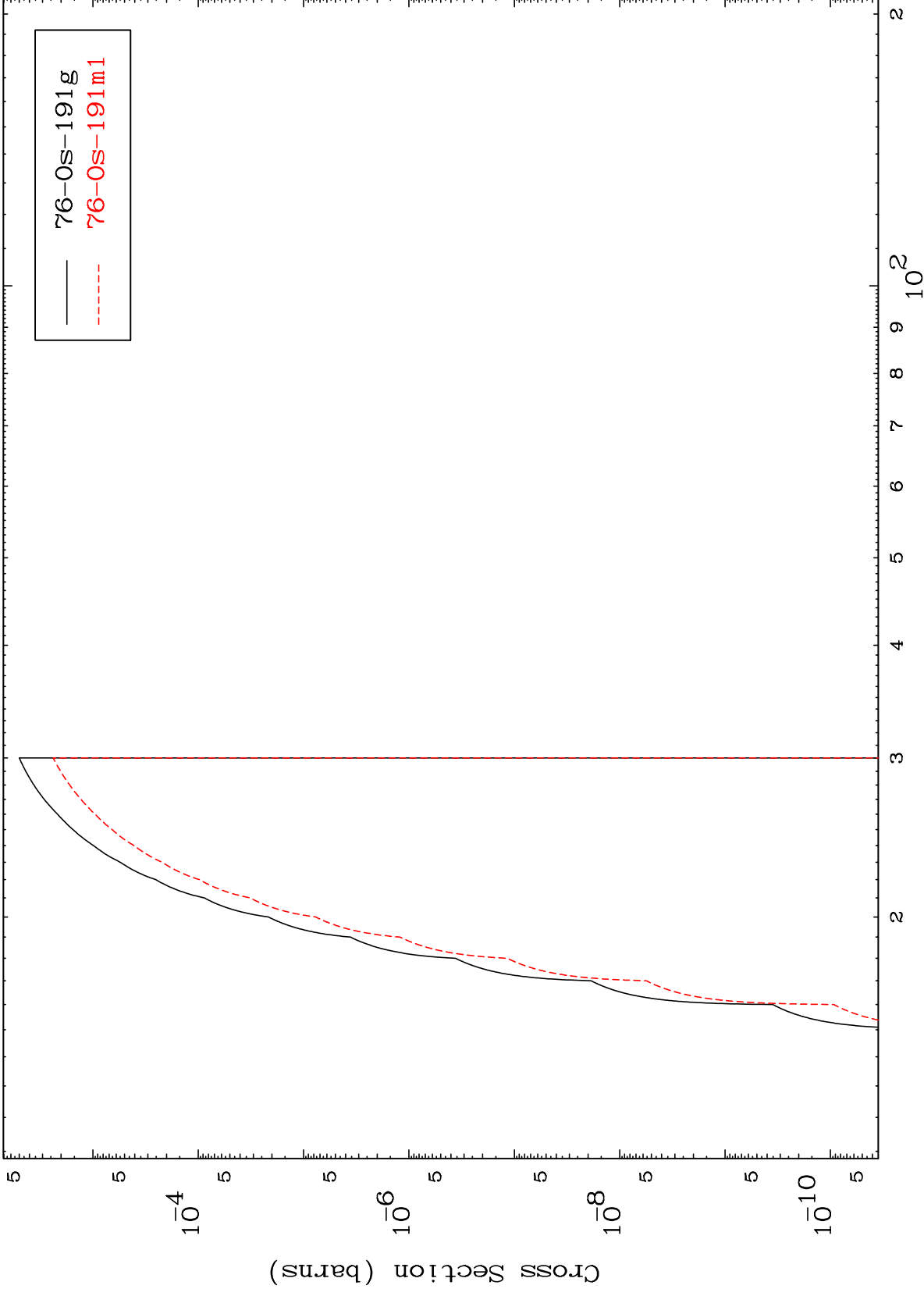
$^{77}\text{Ir-193m}$

MAT 7732

(n,n') d

77-Ir-193m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

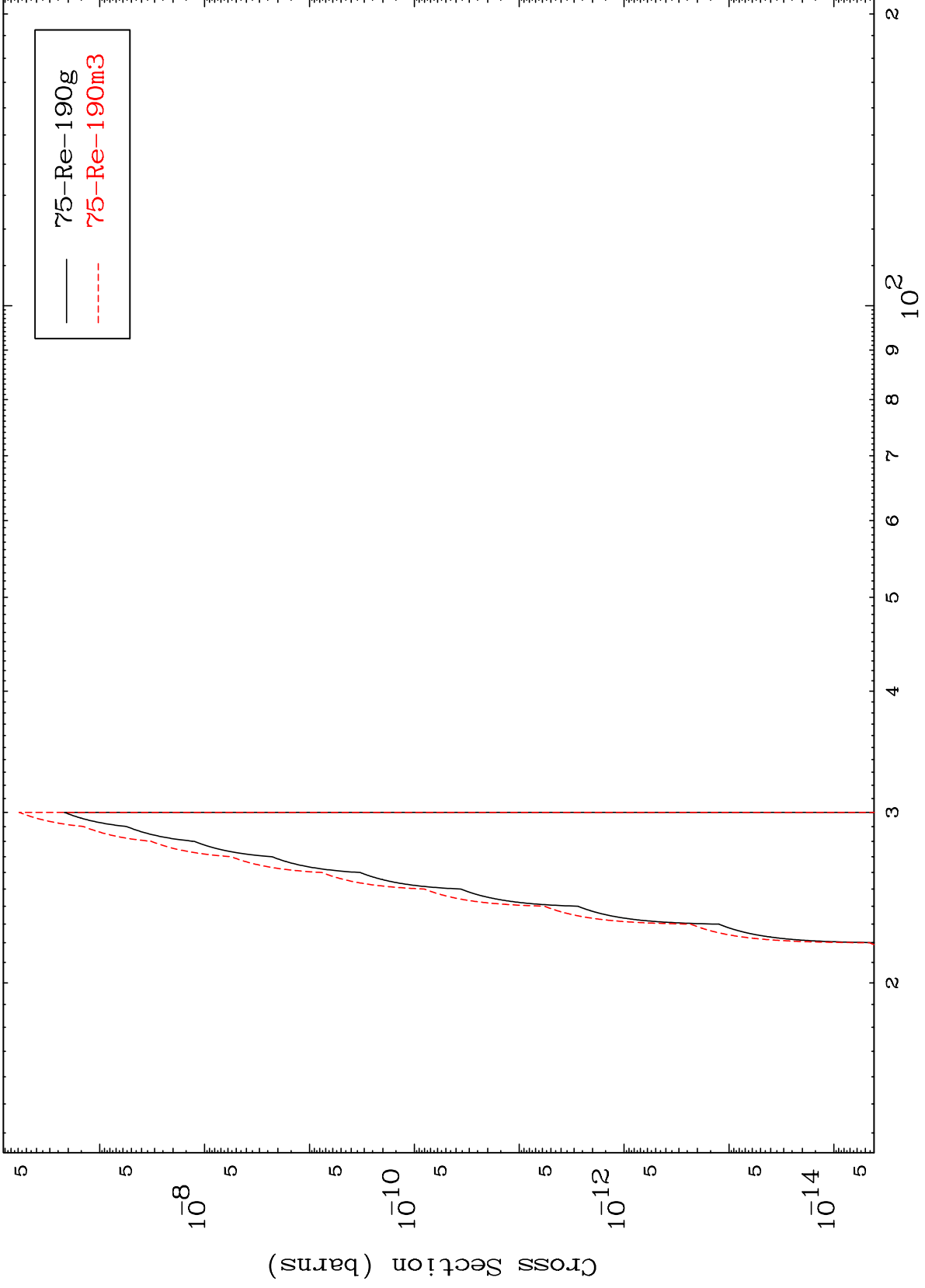
77-Ir-193m

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(n,n') He-3

⁷⁷Ir-193m

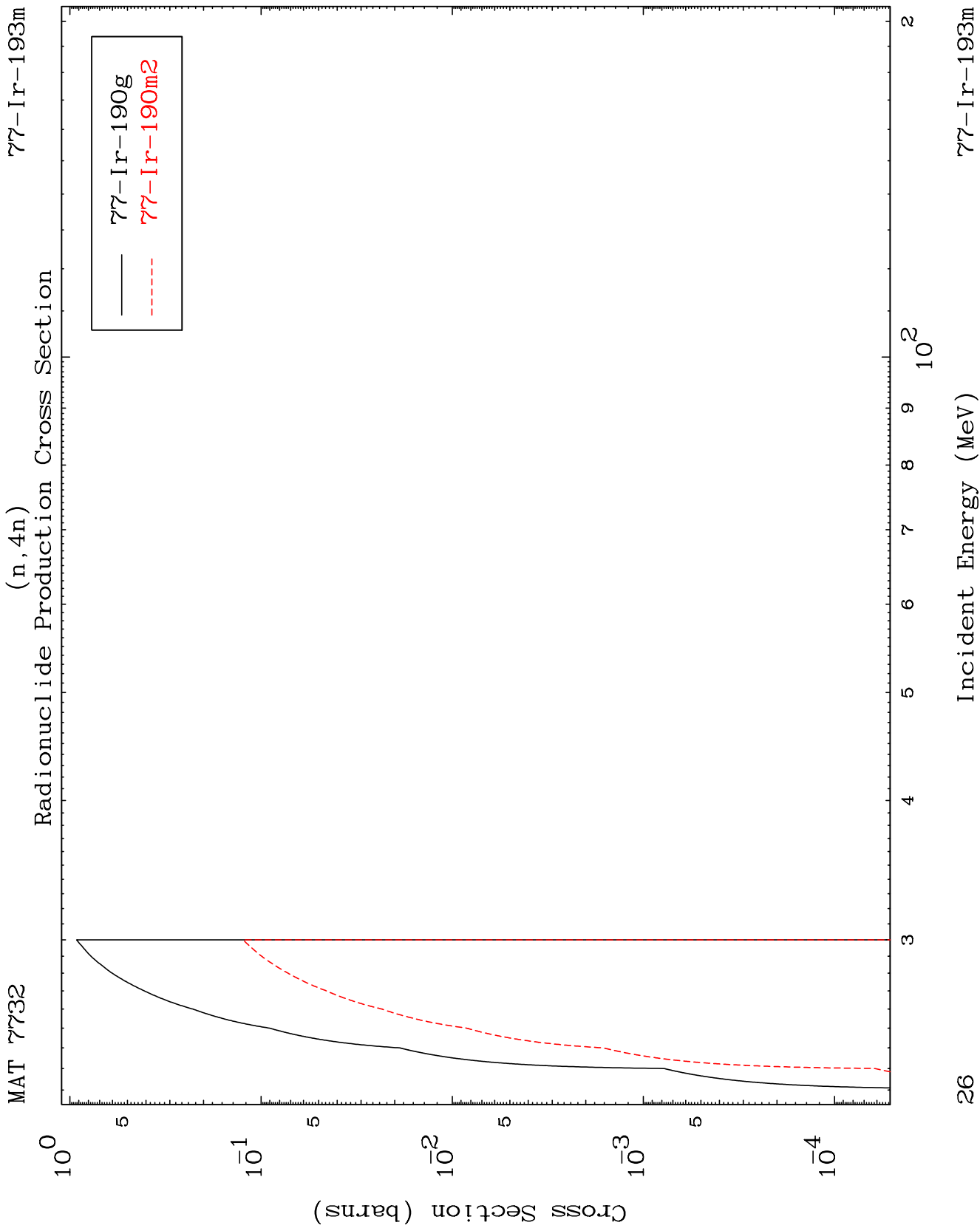
Radionuclide Production Cross Section



25

Incident Energy (MeV)

⁷⁷Ir-193m

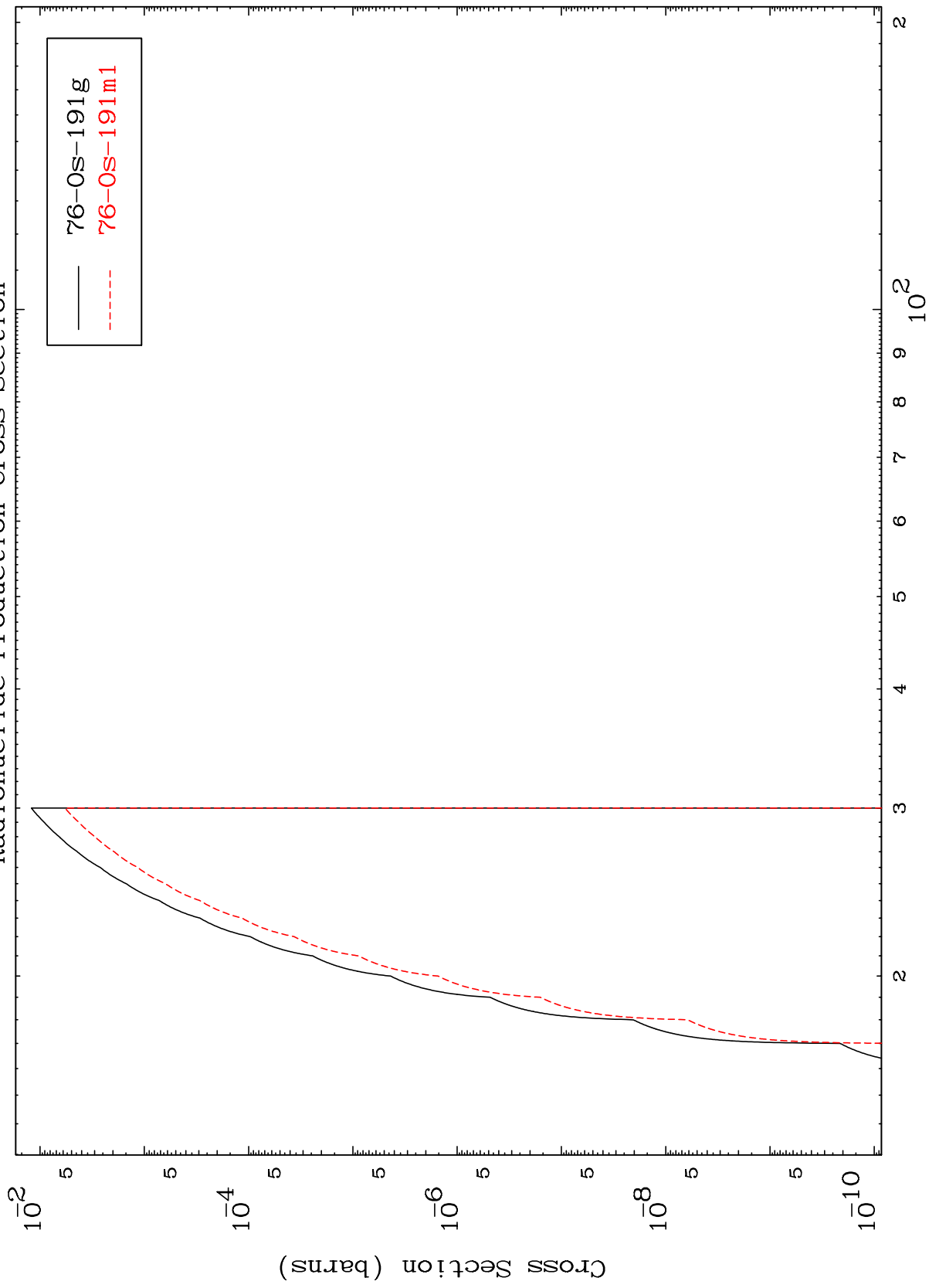


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(n,2n) p

⁷⁷Ir-193m

Radionuclide Production Cross Section



27

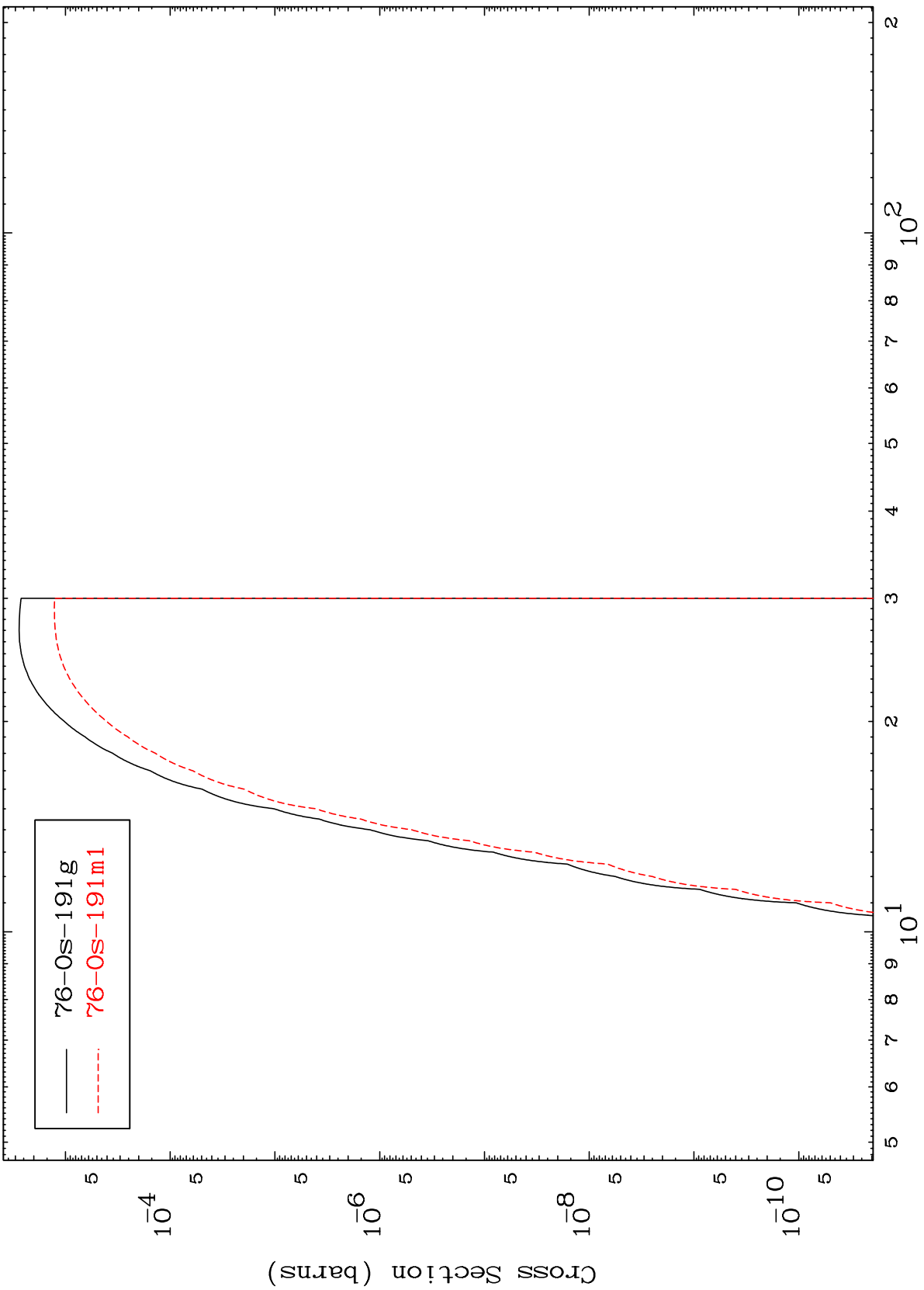
Incident Energy (MeV)

⁷⁷Ir-193m

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77-Ir-193m

Radionuclide Production Cross Section (n,t)



28

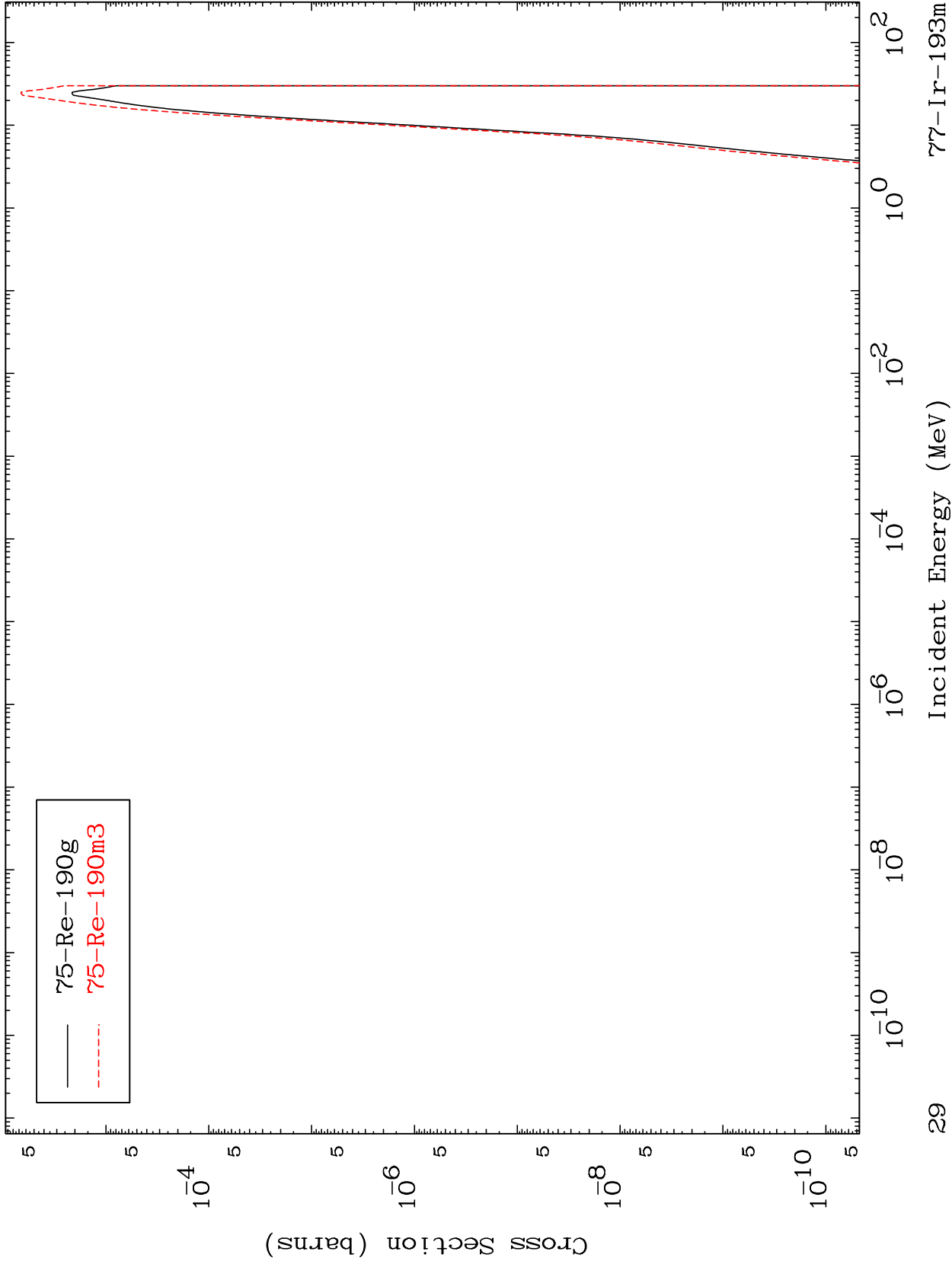
Incident Energy (MeV)

77-Ir-193m

MAT 7732

(n, α)
Radionuclide Production Cross Section

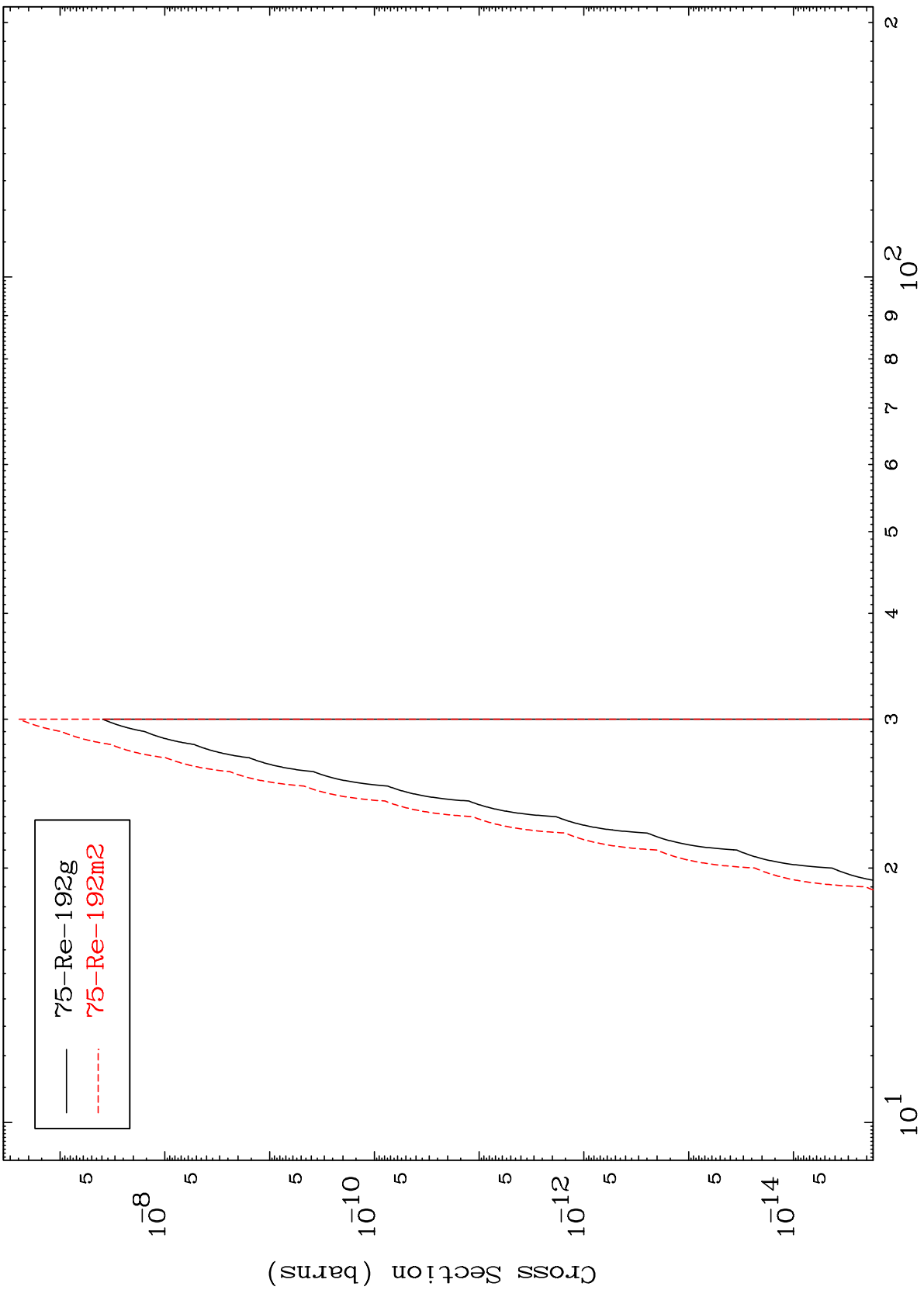
$^{77}\text{Ir-193m}$



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⁷⁷Ir-193m

Radionuclide Production Cross Section (n,2p)



⁷⁷Ir-193m

Incident Energy (MeV)

30