

Program EVALPLOT
(Version 2021-1)

by

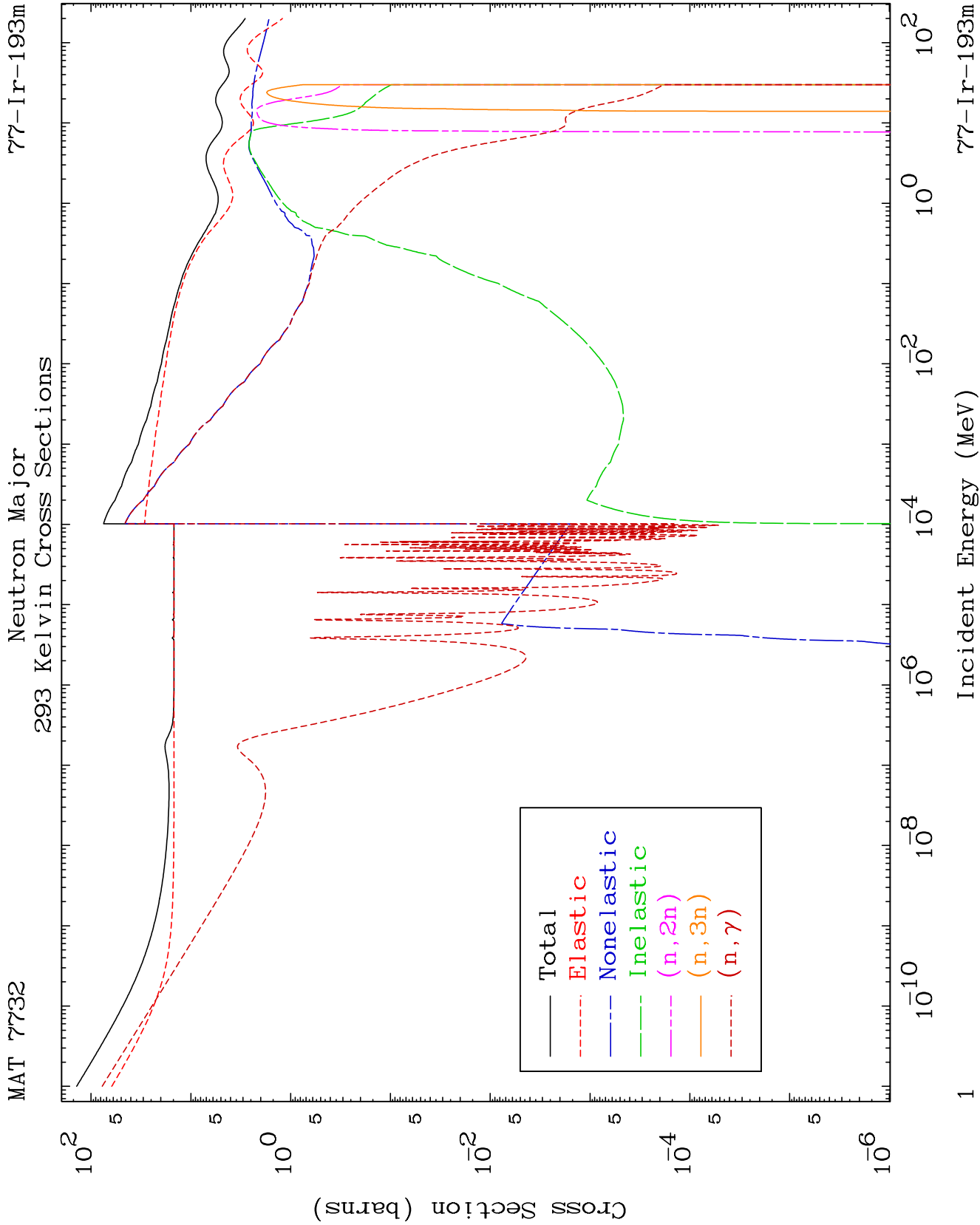
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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Tele: 925-443-1911

E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

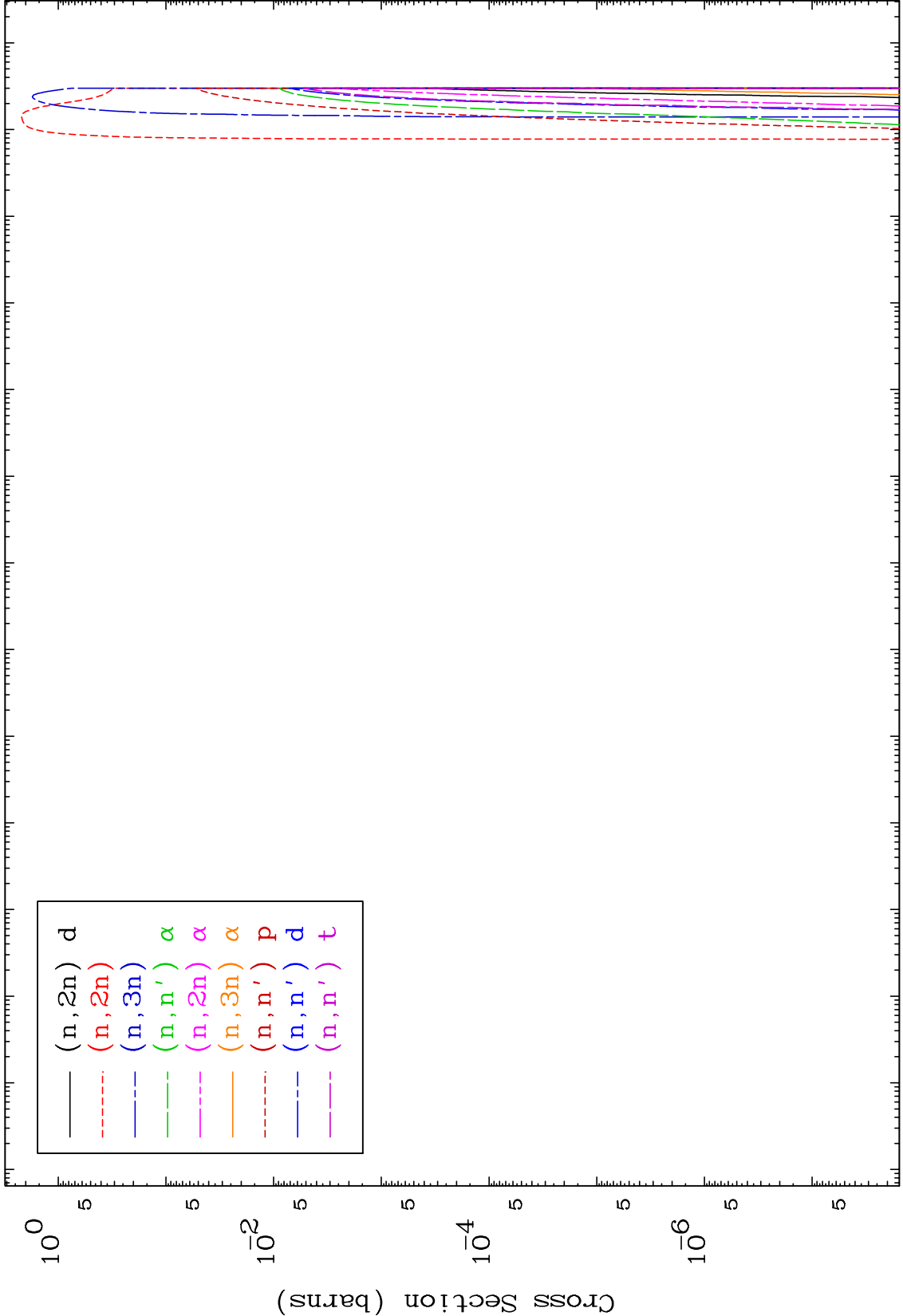
Press Mouse Button to Start

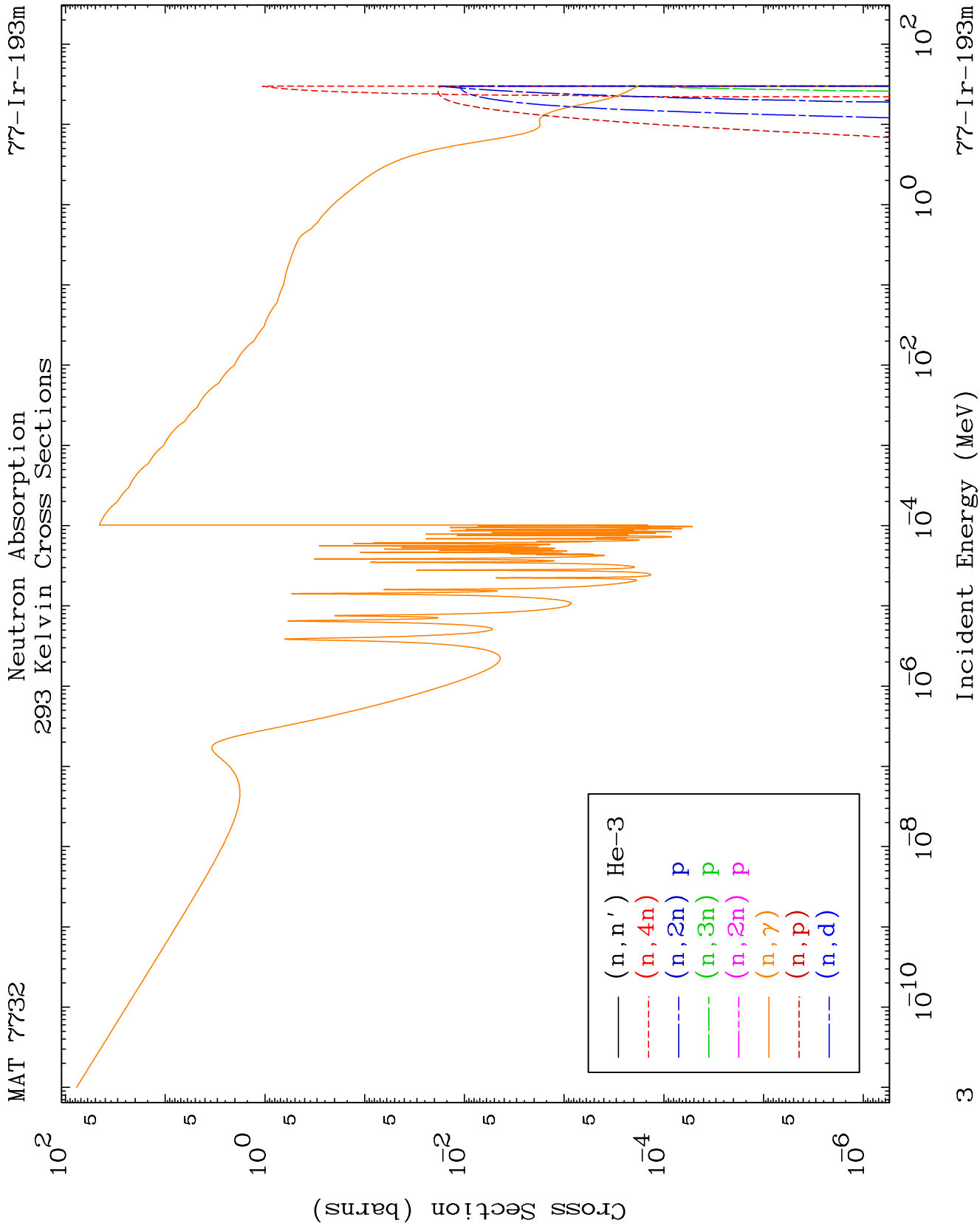


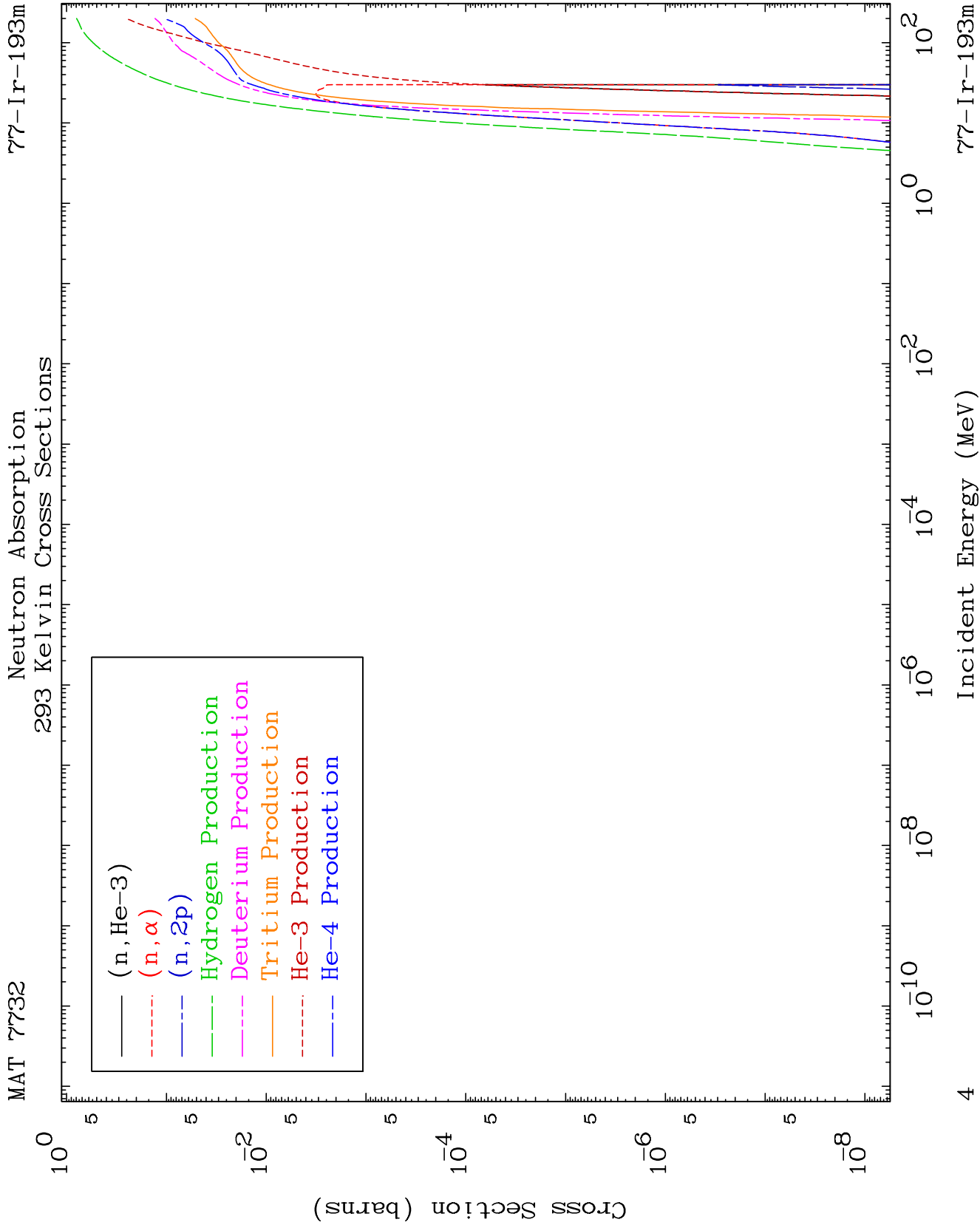
MAT 7732

Neutron Absorption
293 Kelvin Cross Sections

77-Ir-193m



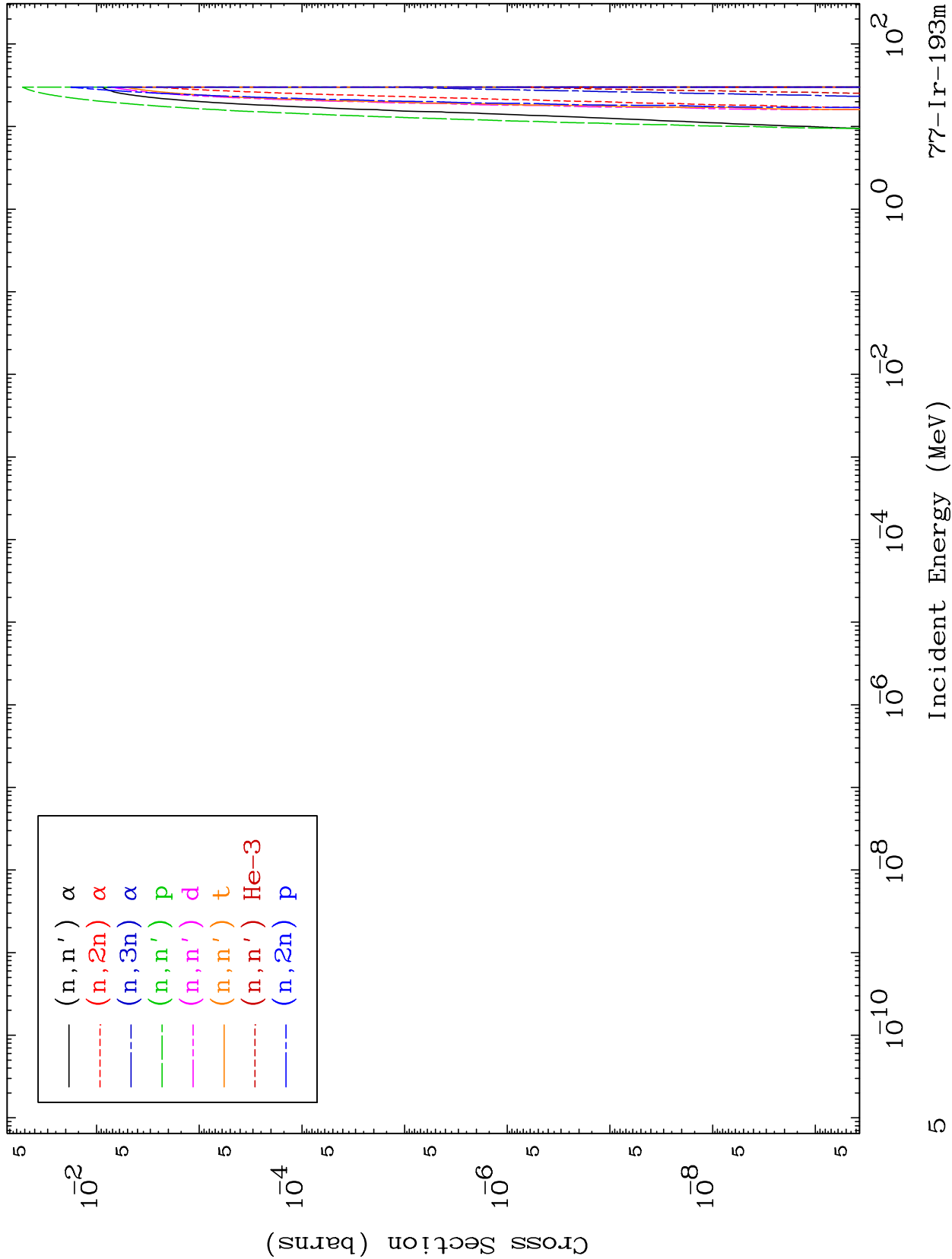




MAT 7732

Charged Particle
293 Kelvin Cross Sections

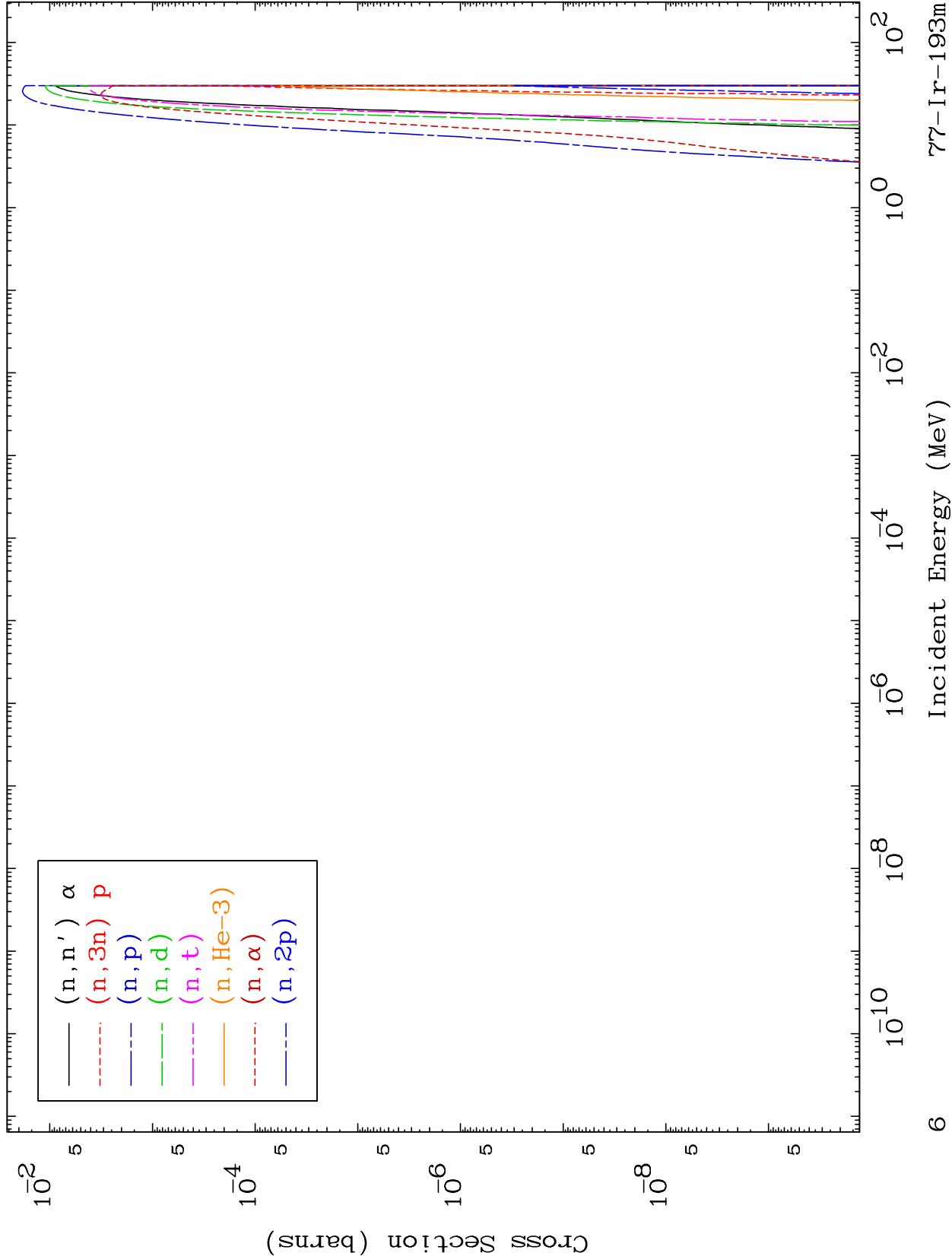
77-Ir-193m

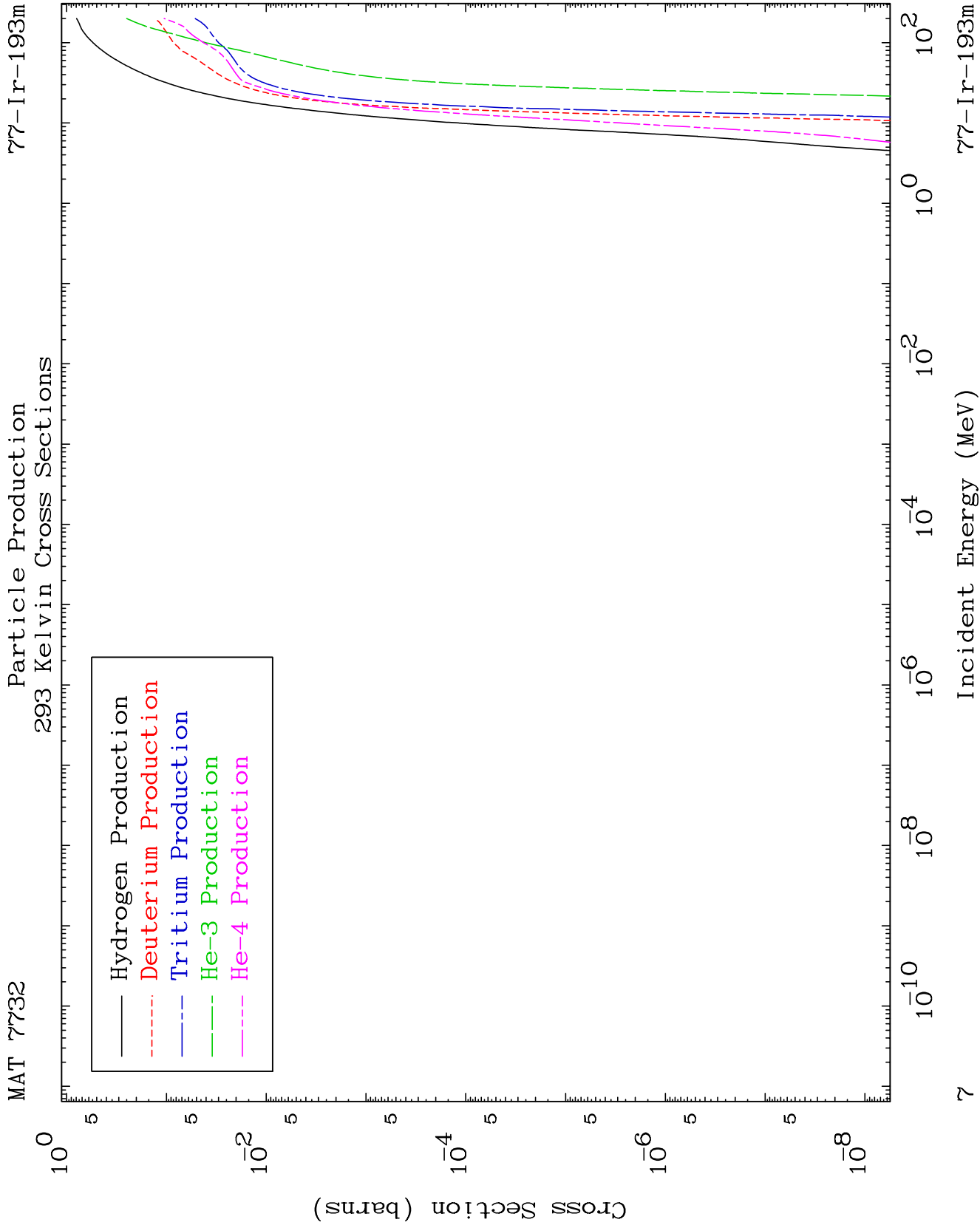


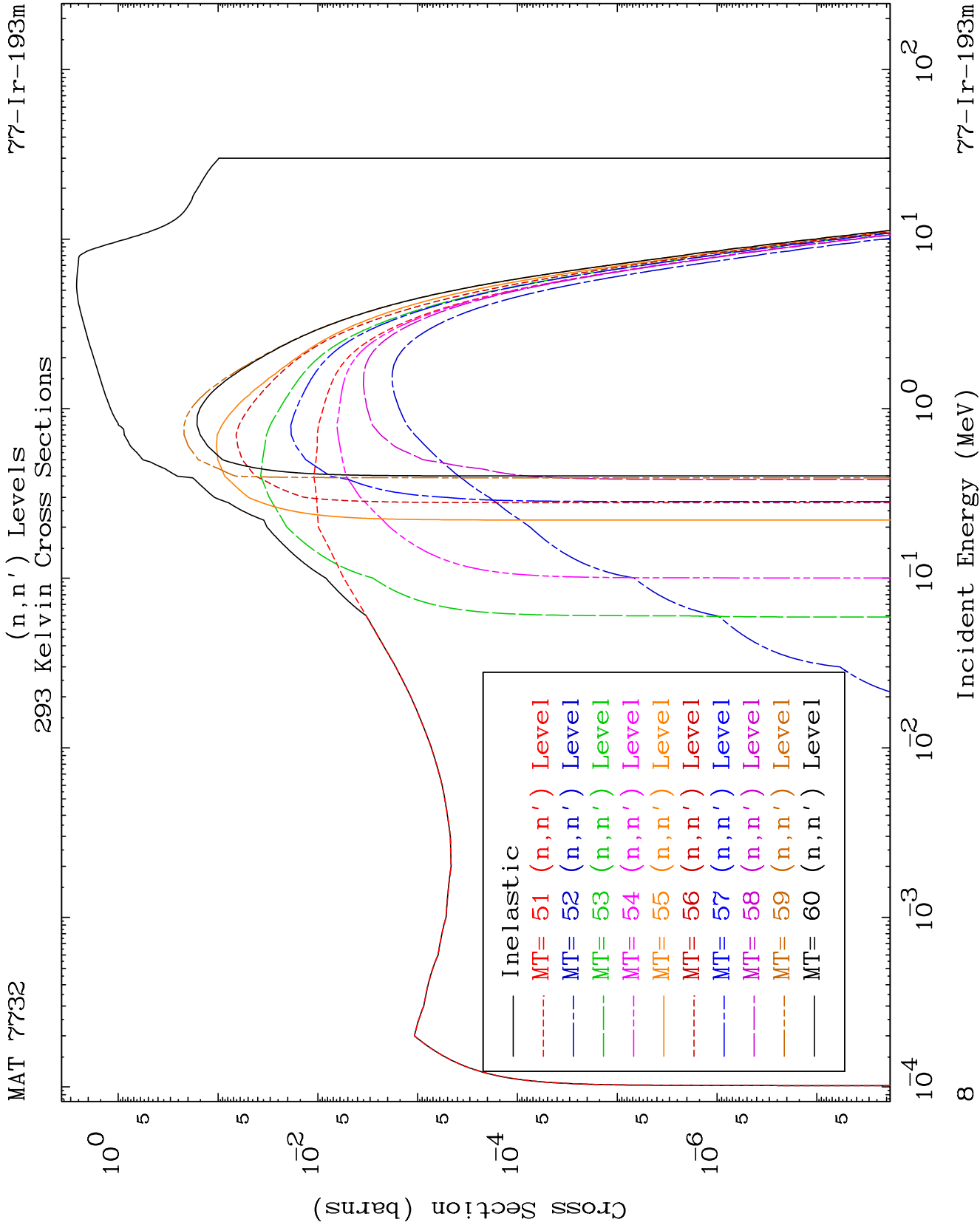
MAT 7732

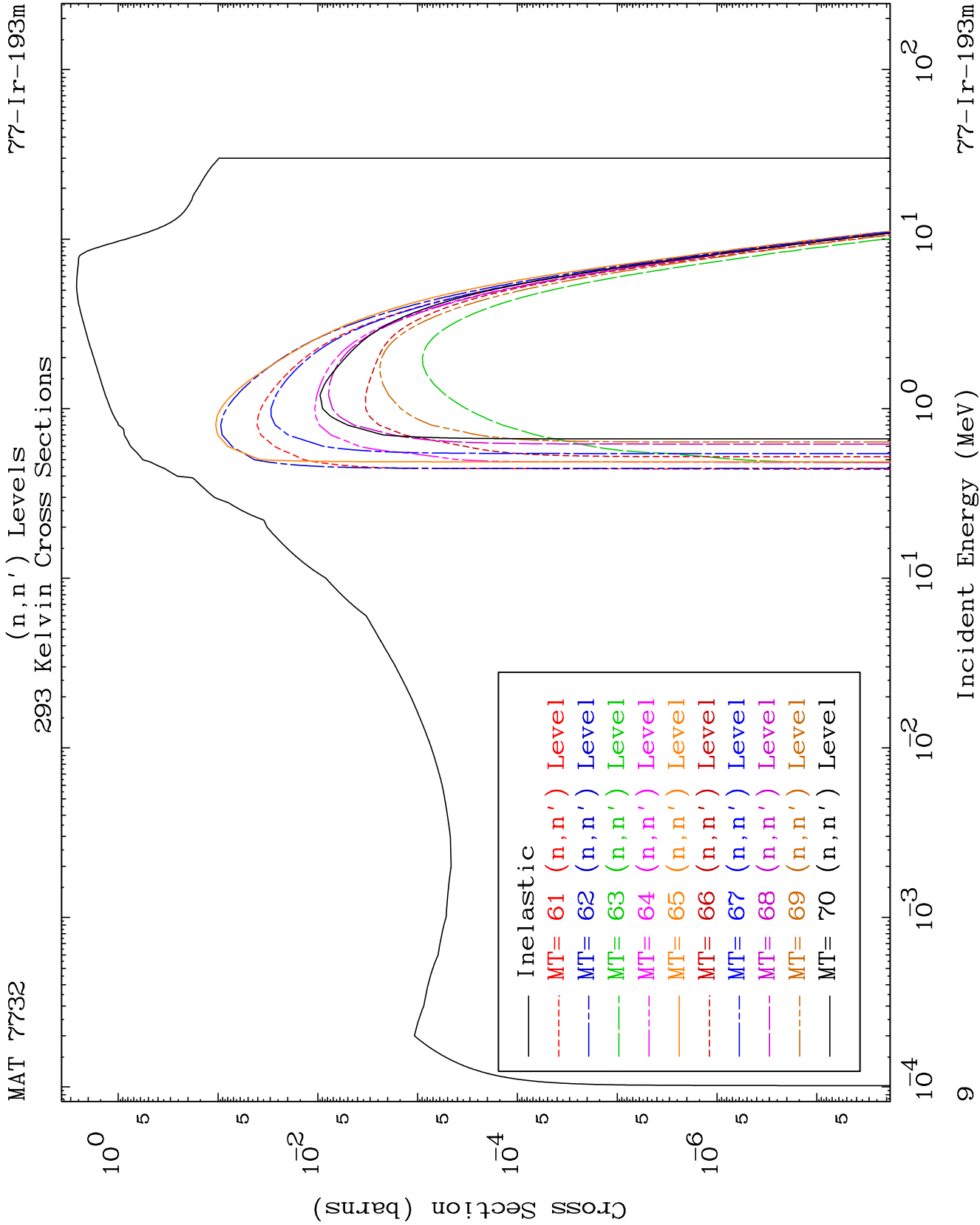
Charged Particle
293 Kelvin Cross Sections

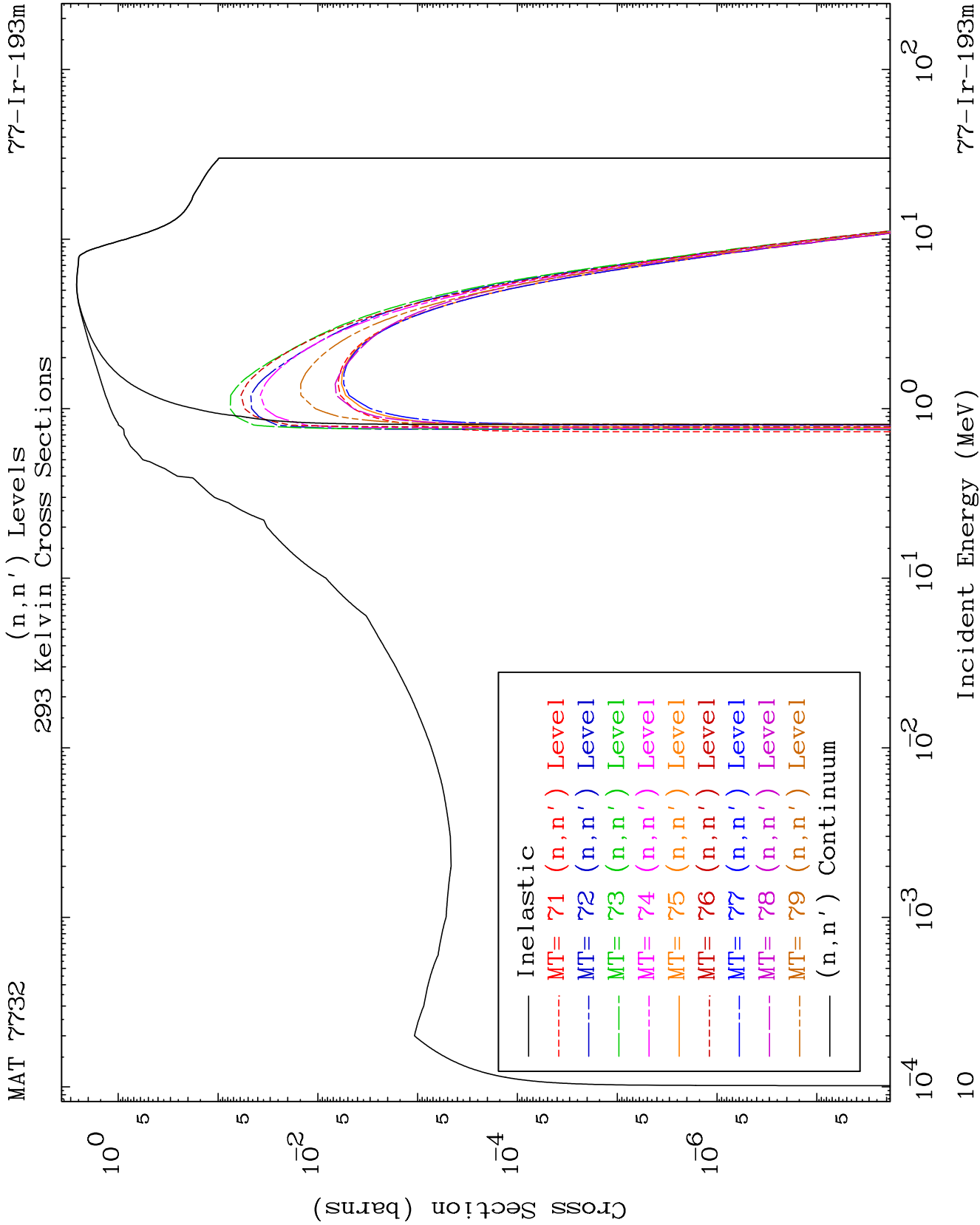
⁷⁷Ir-193m







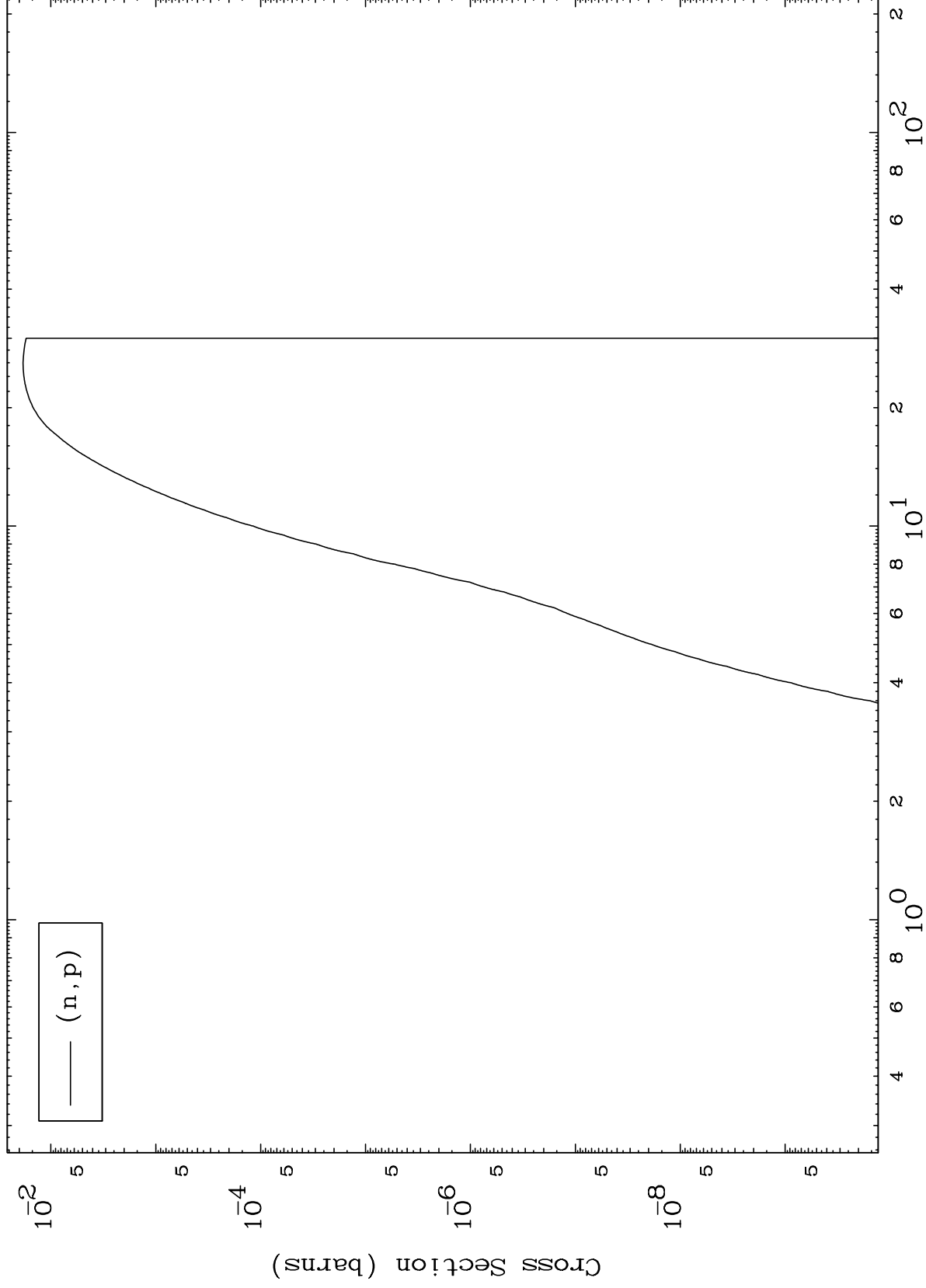




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77-Ir-193m

(n,p) Levels
293 Kelvin Cross Sections

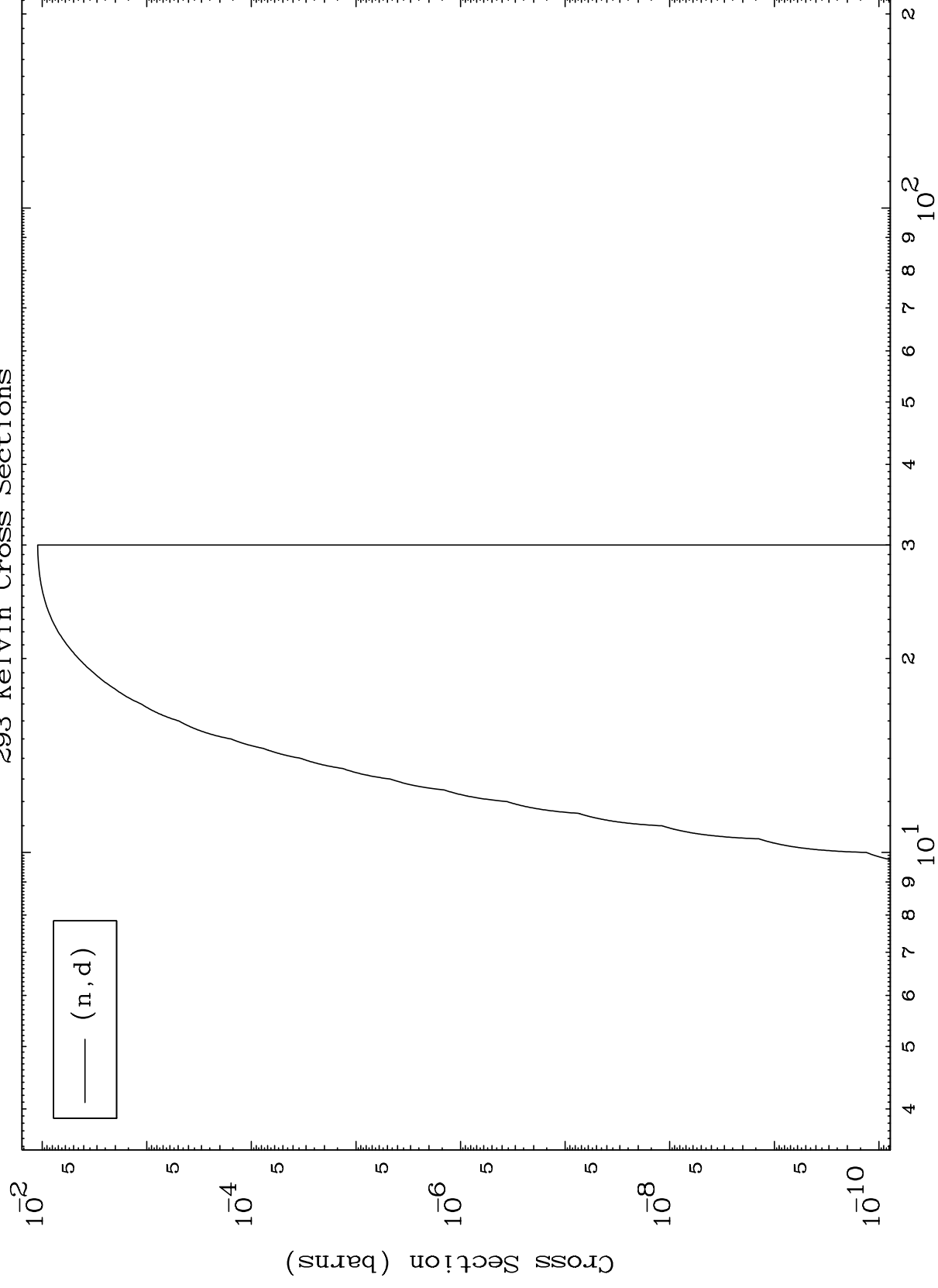


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(n, d) Levels

77-Ir-193m

293 Kelvin Cross Sections



12

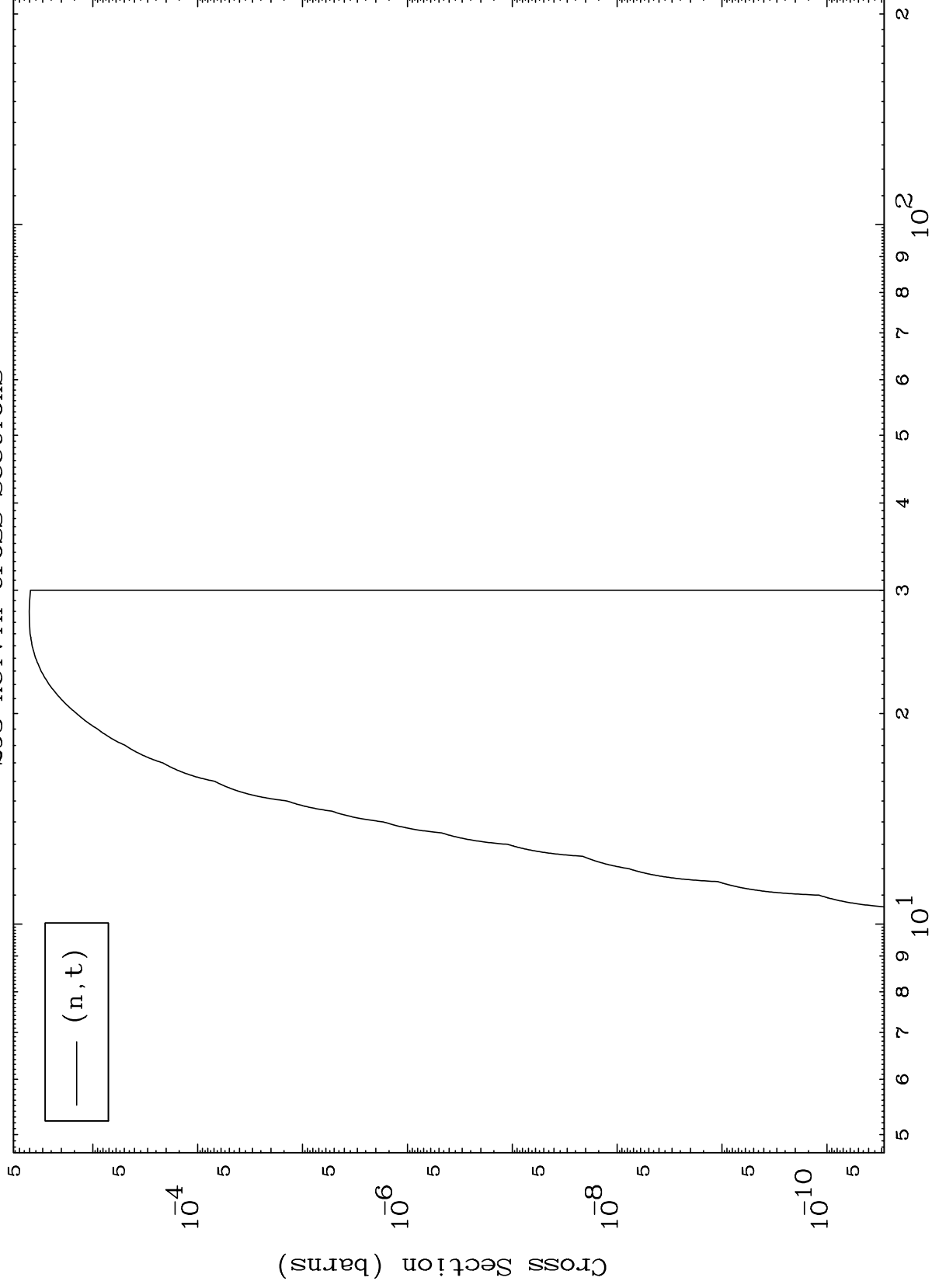
Incident Energy (MeV)

77-Ir-193m

MAT 7732

77-Ir-193m

(n,t) Levels
293 Kelvin Cross Sections



77-Ir-193m

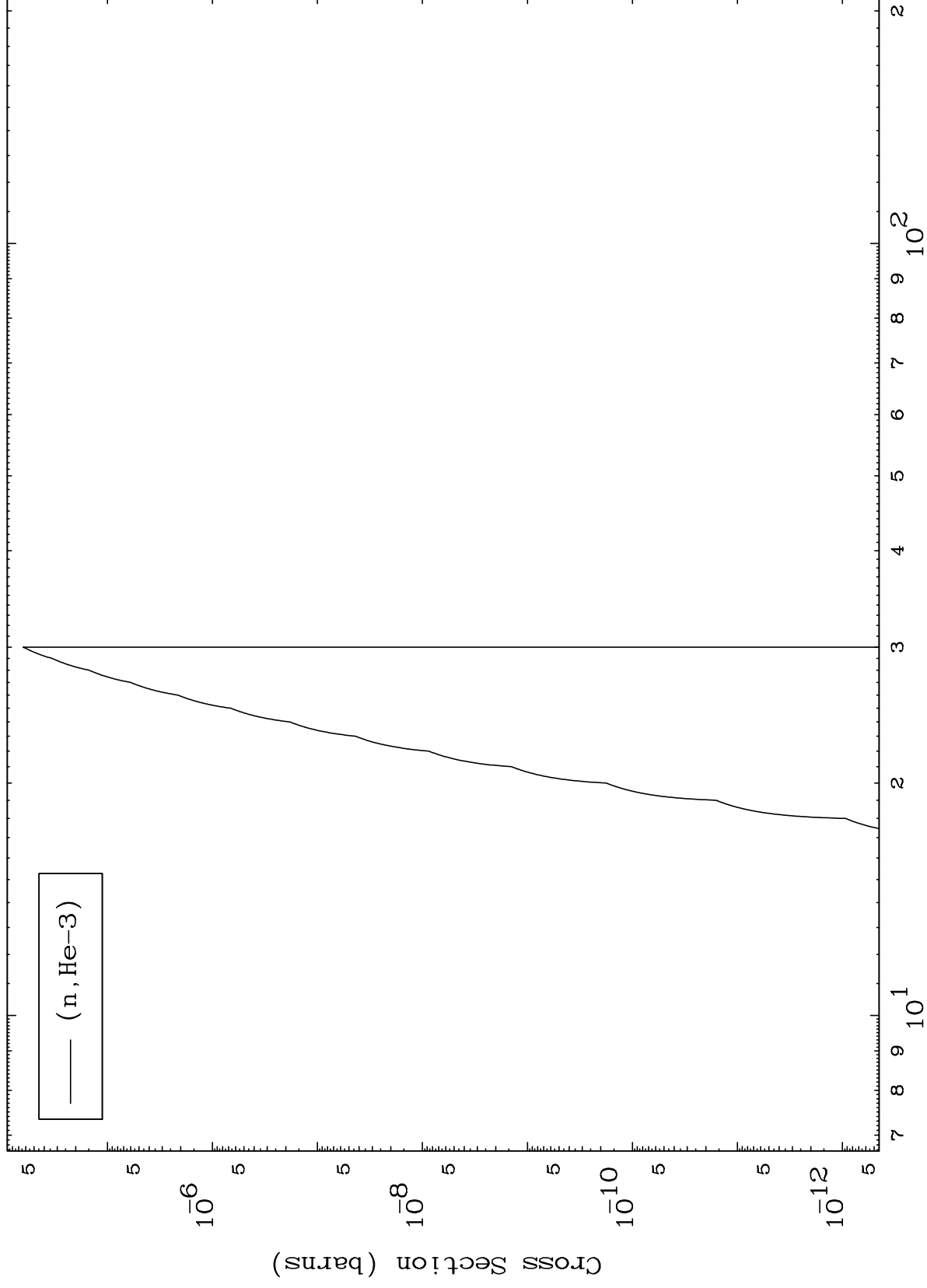
Incident Energy (MeV)

13

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(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-193m



14

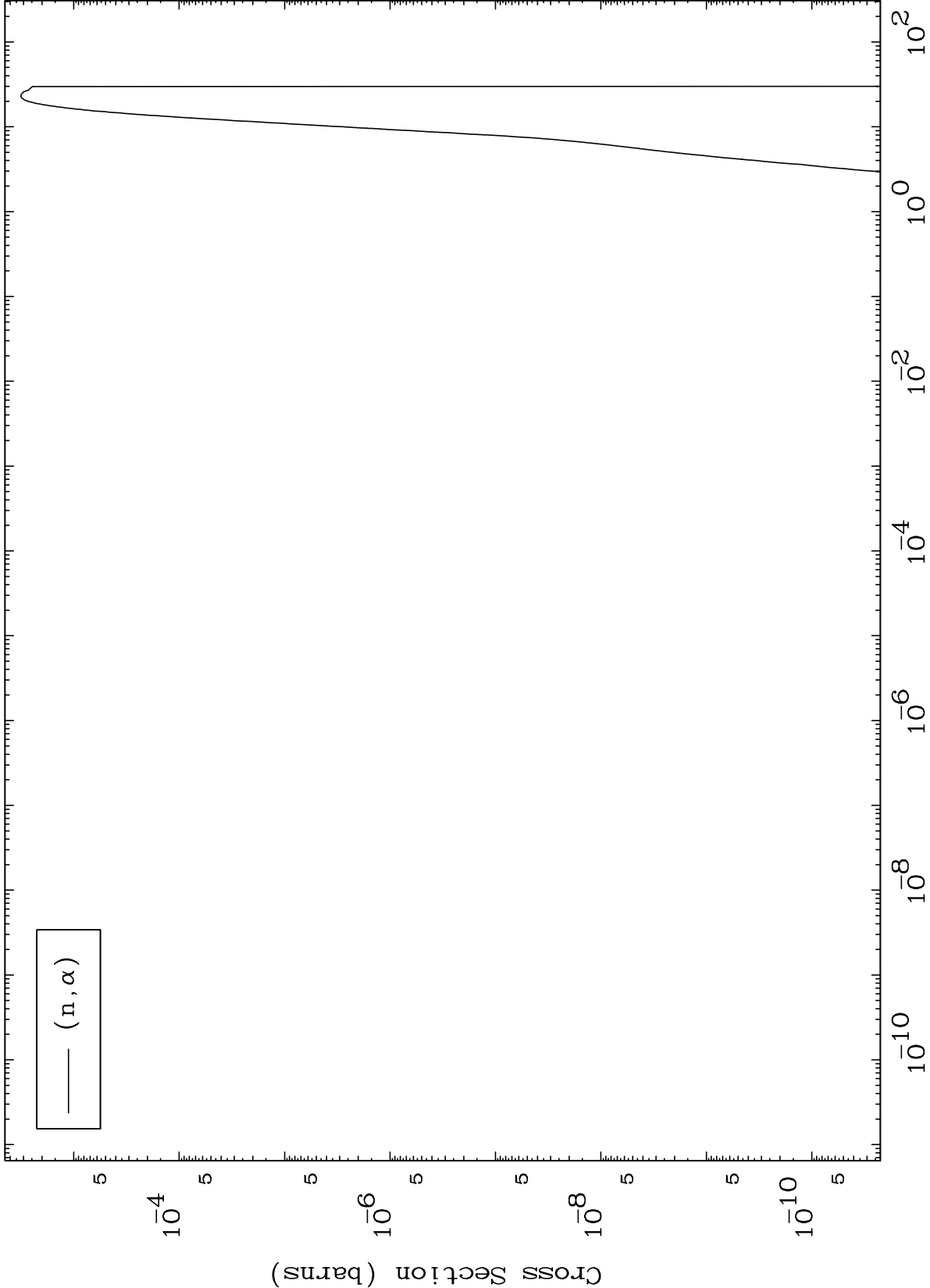
Incident Energy (MeV)

77-Ir-193m

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(n, α) Levels
293 Kelvin Cross Sections

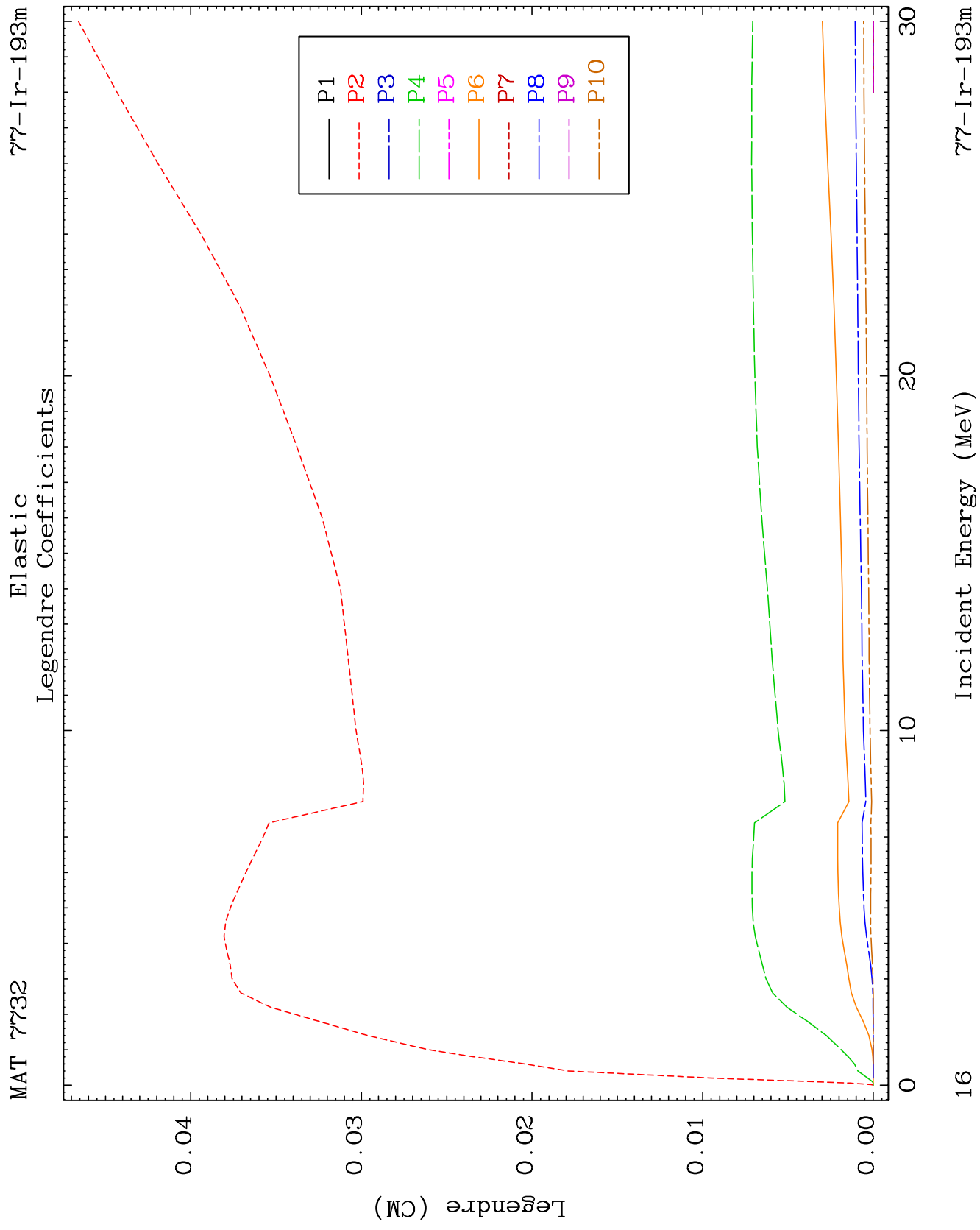
⁷⁷Ir-193m



15

Incident Energy (MeV)

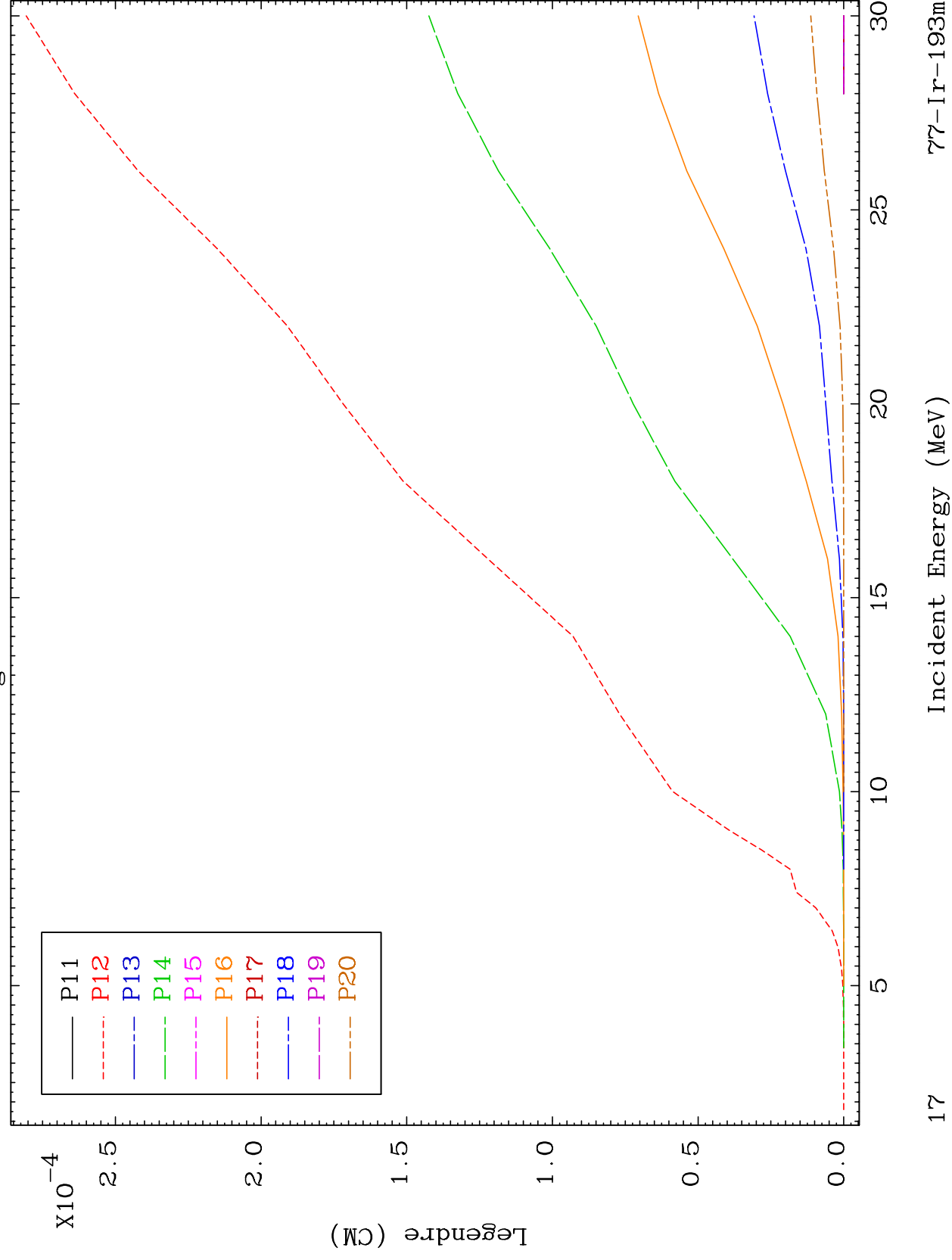
⁷⁷Ir-193m

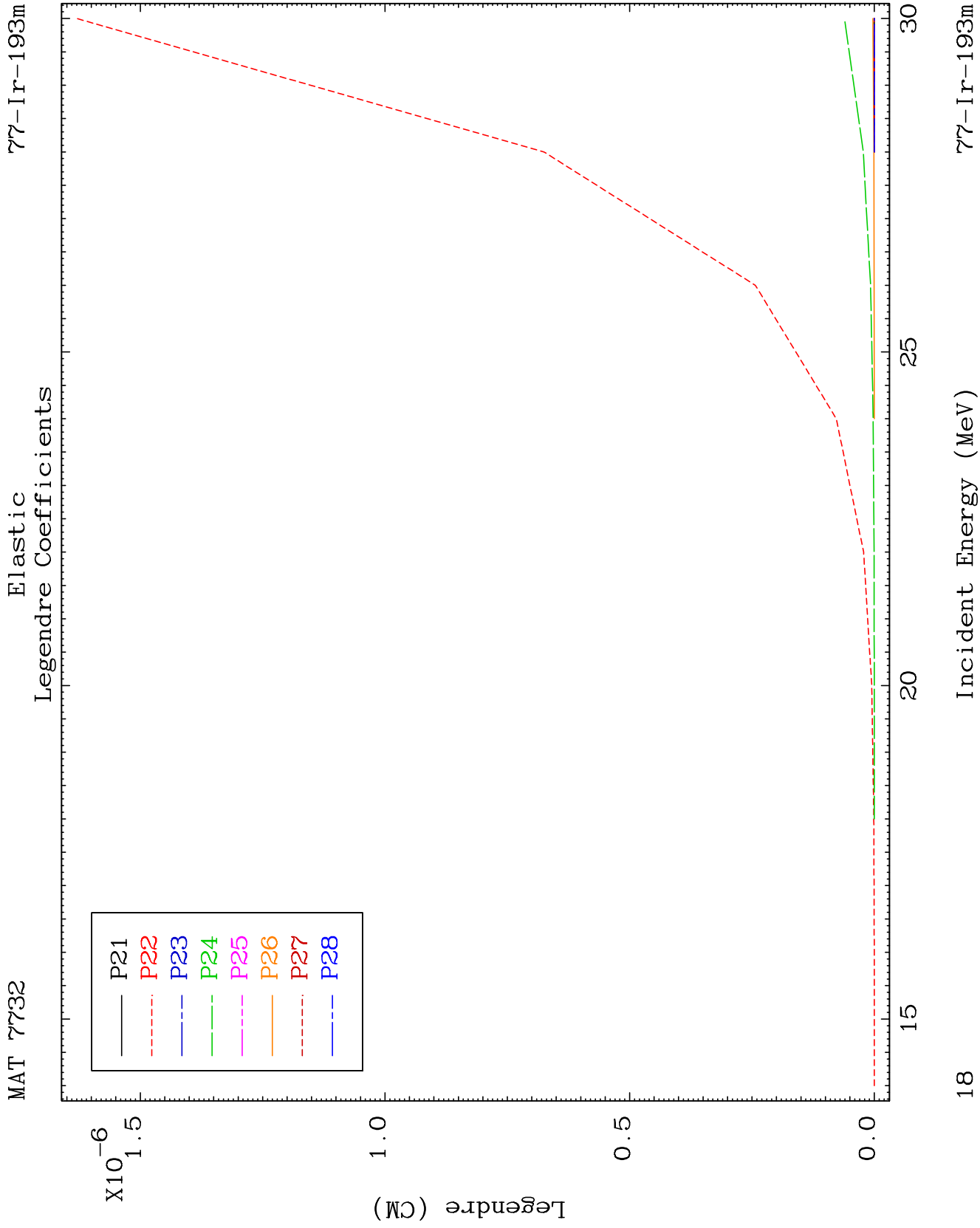


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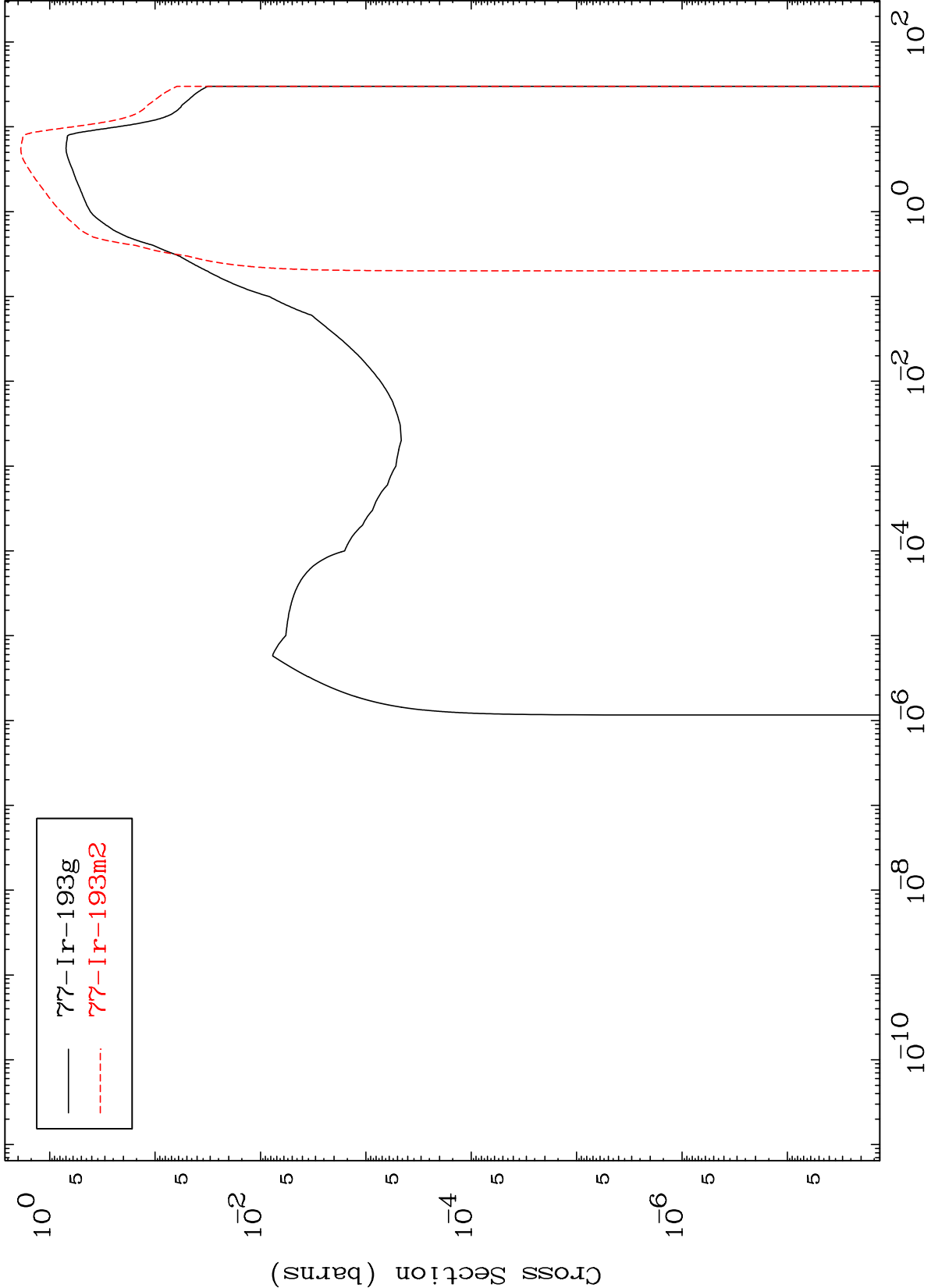
Elastic Legendre Coefficients

77-Ir-193m





Inelastic
Radionuclide Production Cross Section

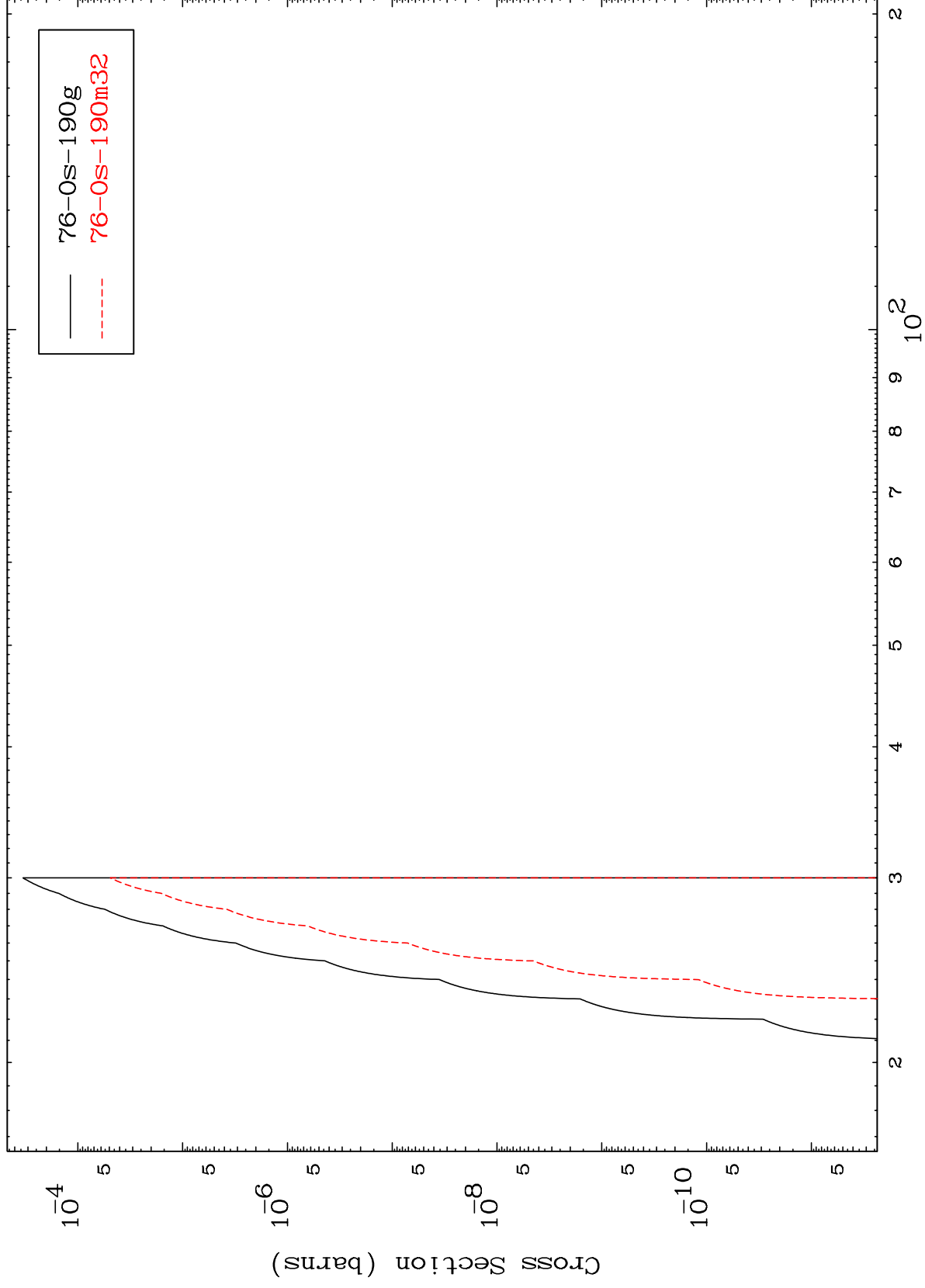


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(n,2n) d

⁷⁷Ir-193m

Radionuclide Production Cross Section



20

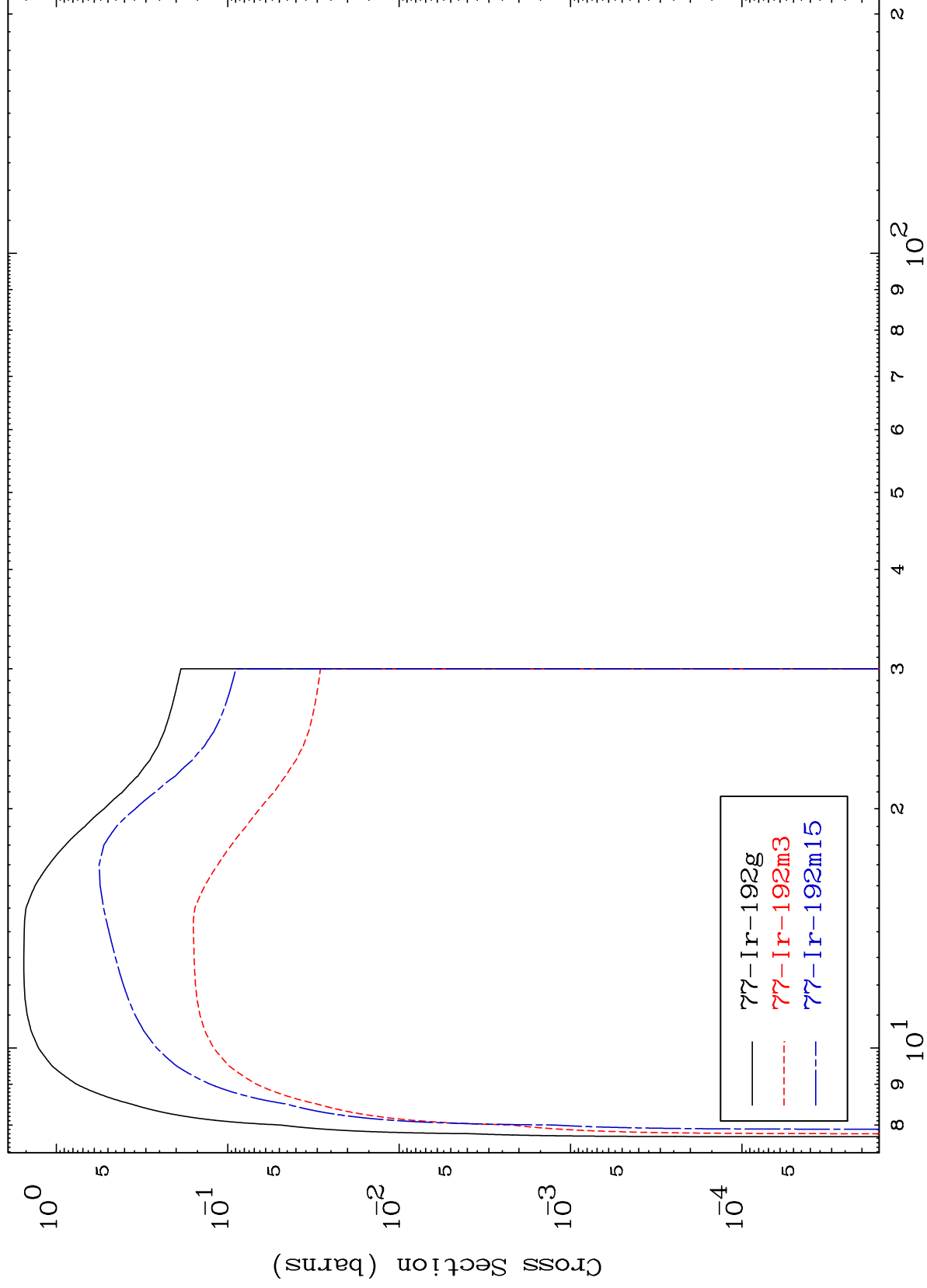
Incident Energy (MeV)

⁷⁷Ir-193m

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

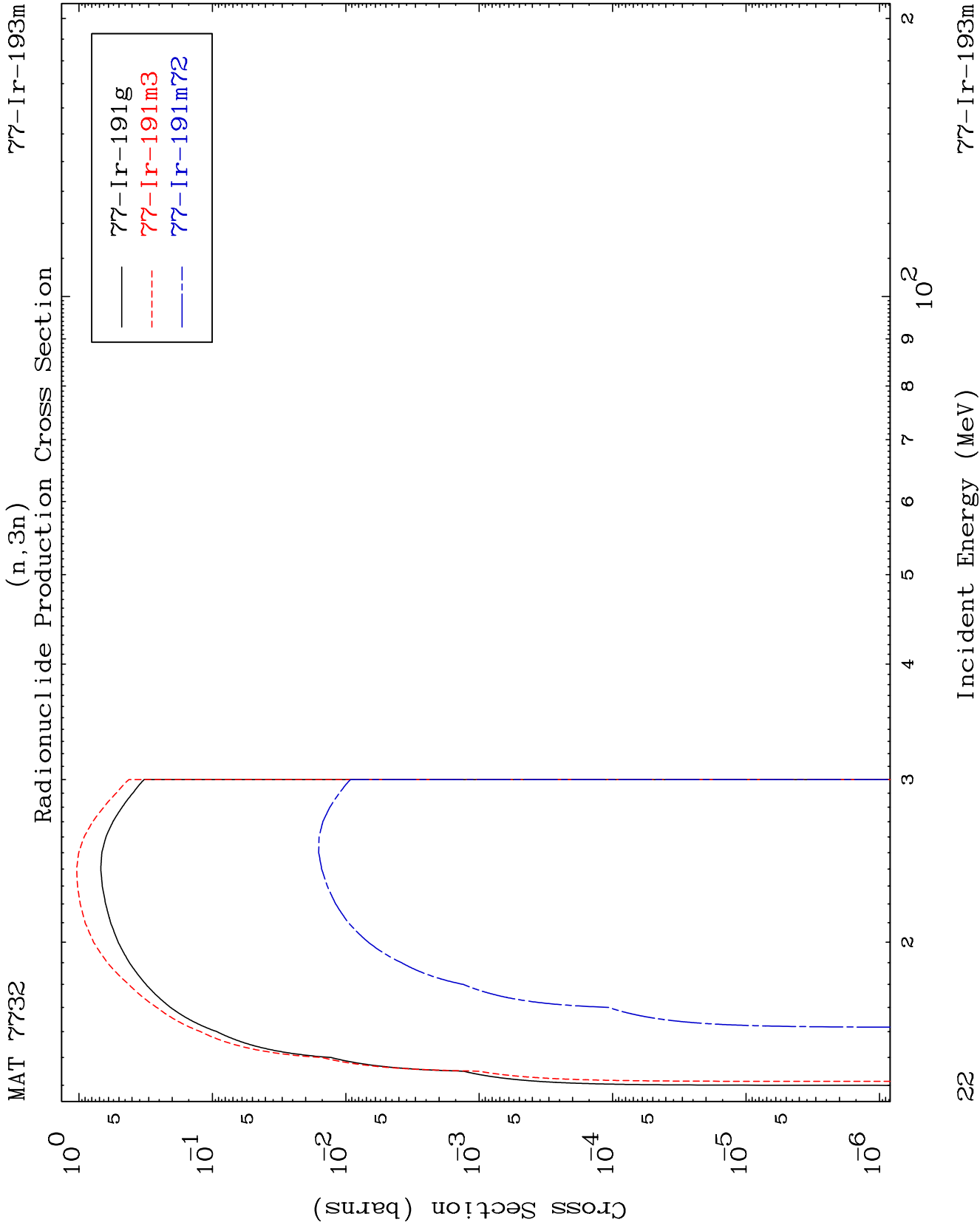
$(n,2n)$
Radionuclide Production Cross Section



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

Incident Energy (MeV)

21

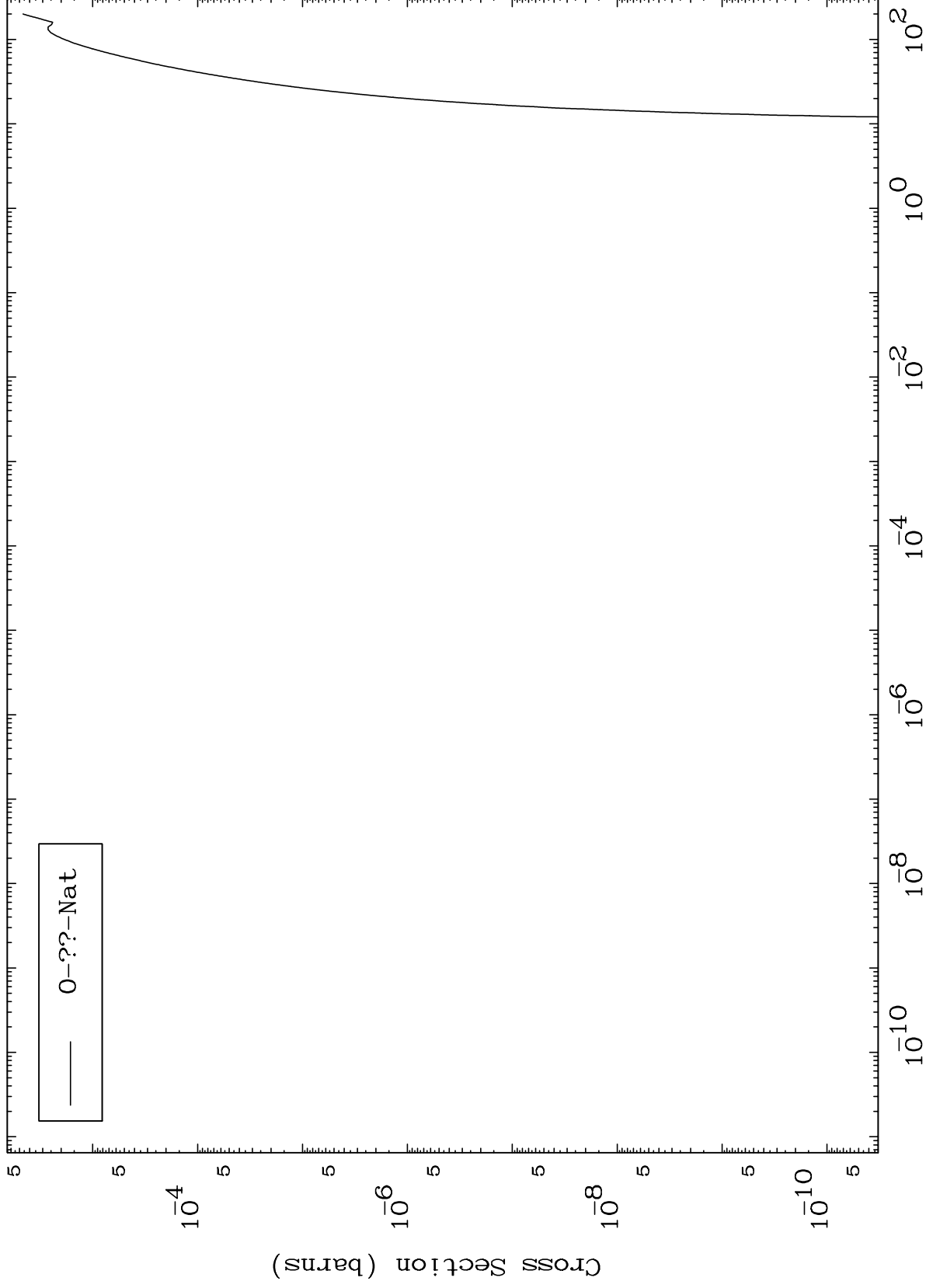


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Fission

⁷⁷Ir-193m

Radionuclide Production Cross Section



23

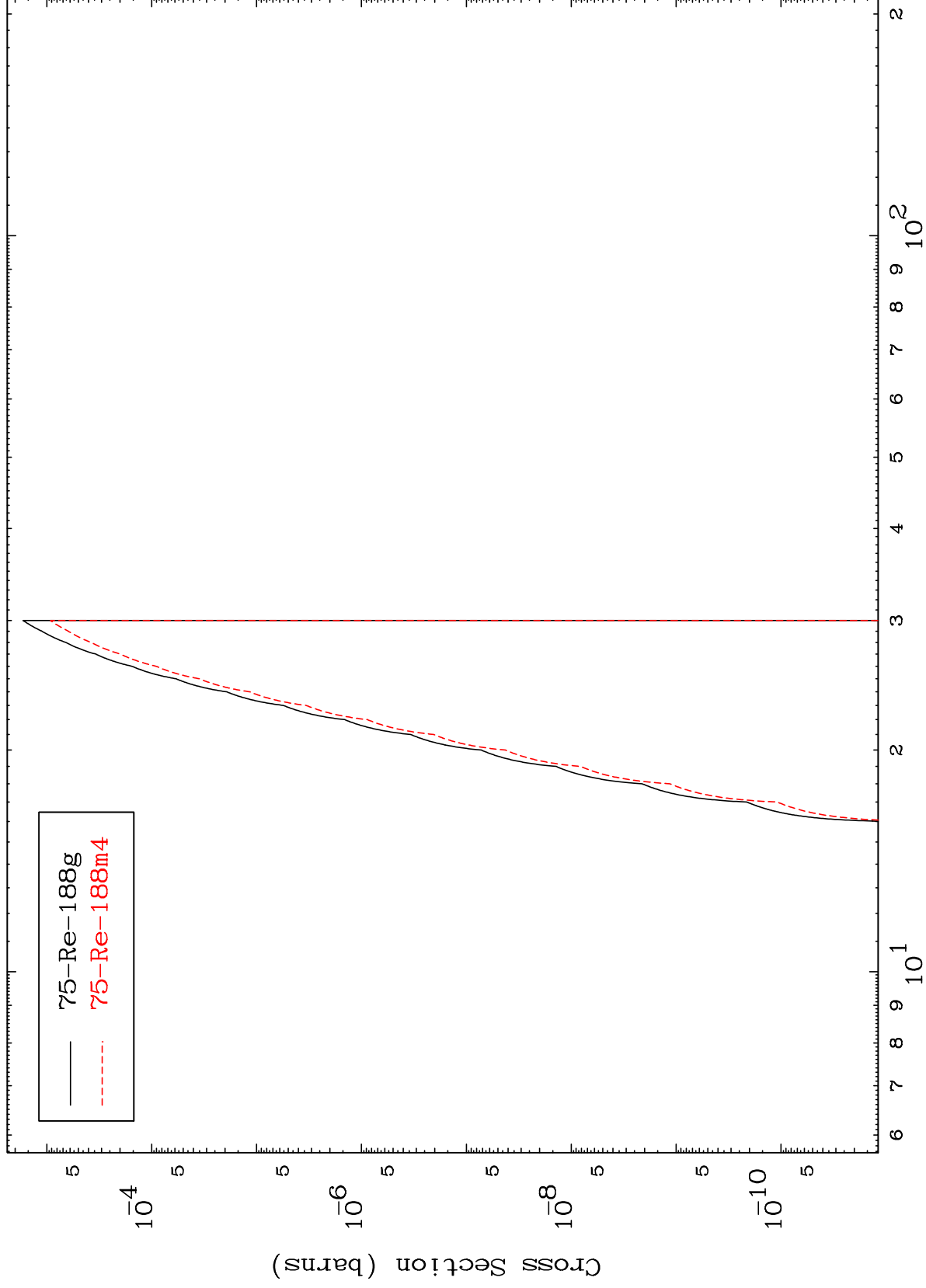
Incident Energy (MeV)

⁷⁷Ir-193m

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

Radionuclide Production Cross Section



24

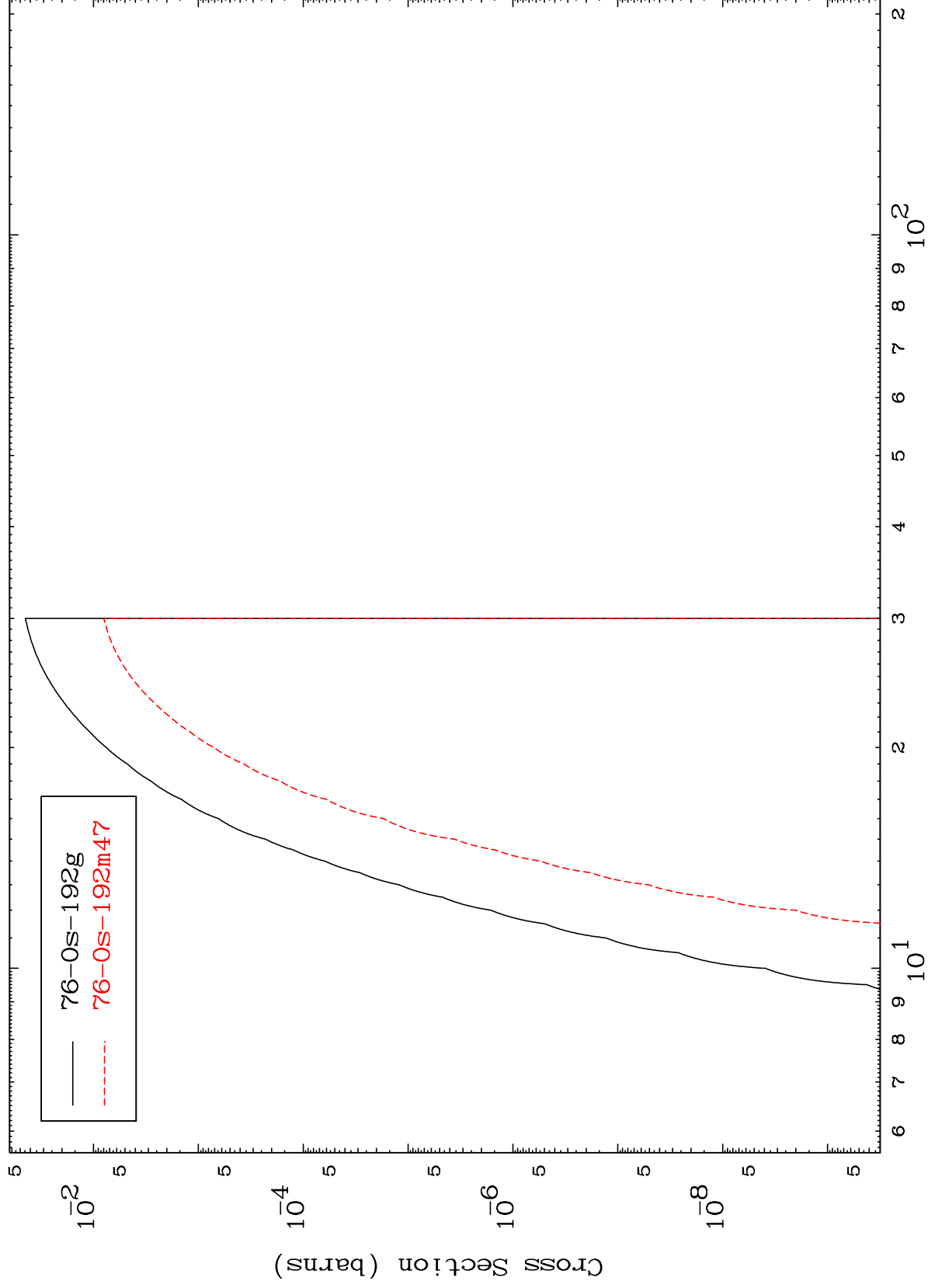
Incident Energy (MeV)

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

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

Radionuclide Production Cross Section

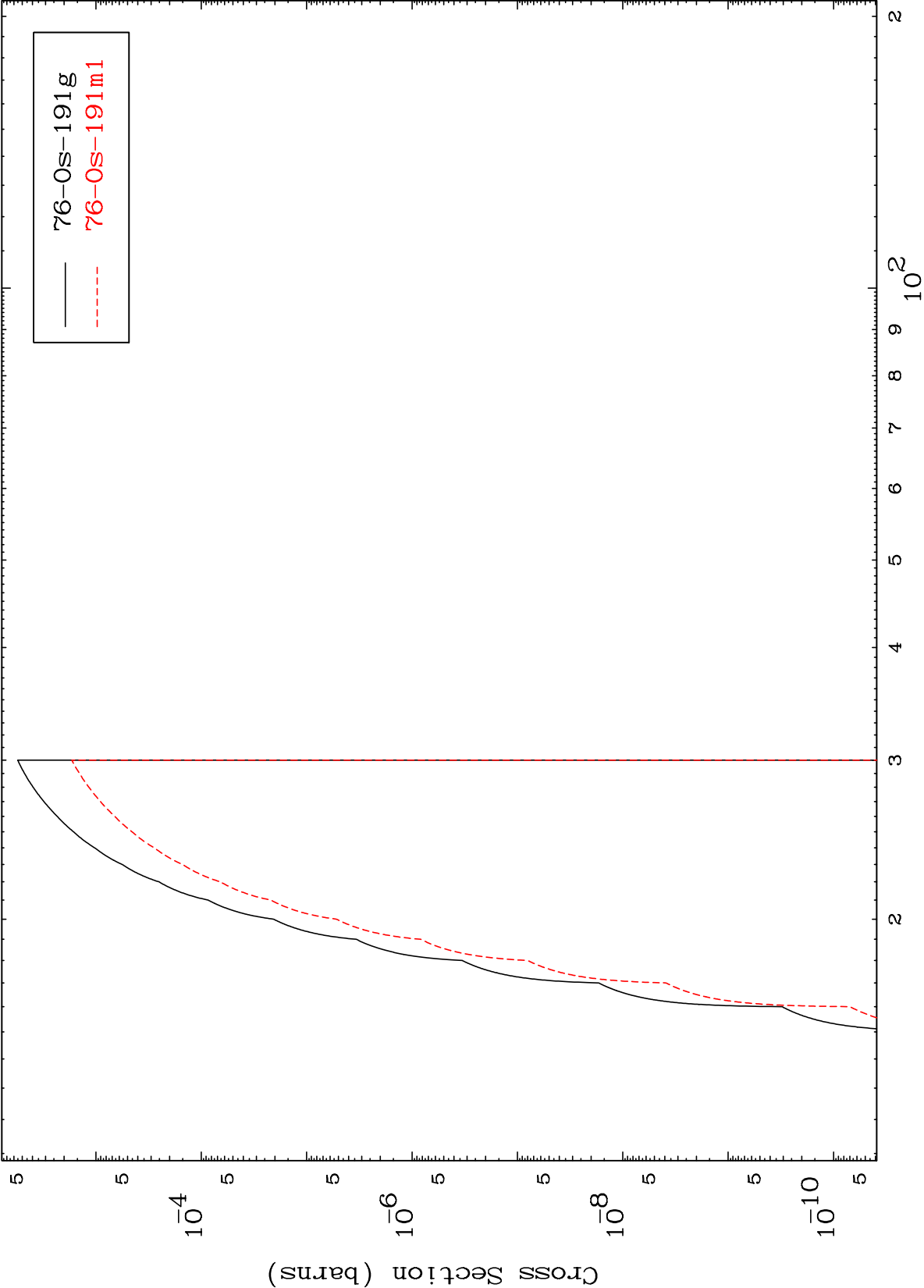


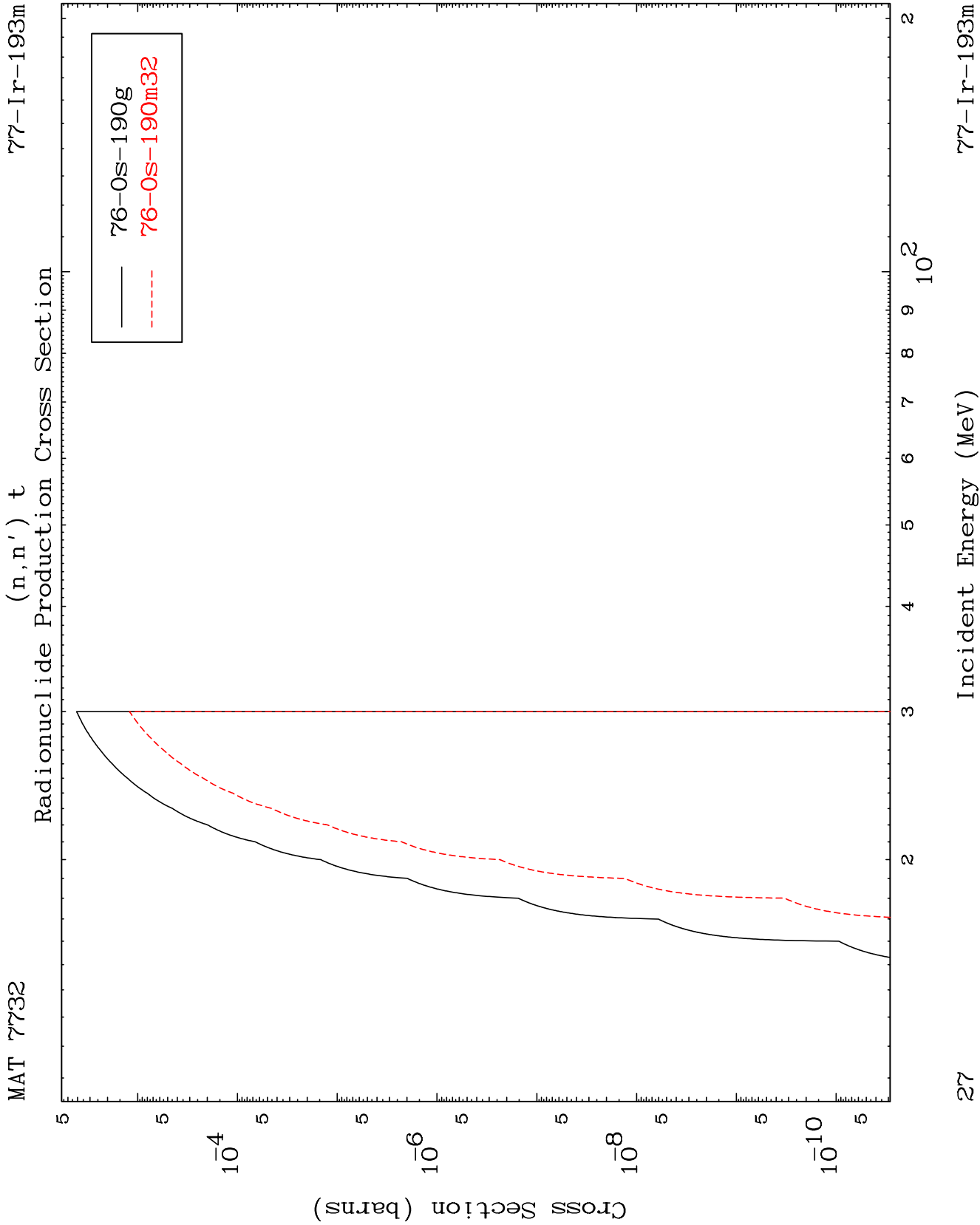
25

Incident Energy (MeV)

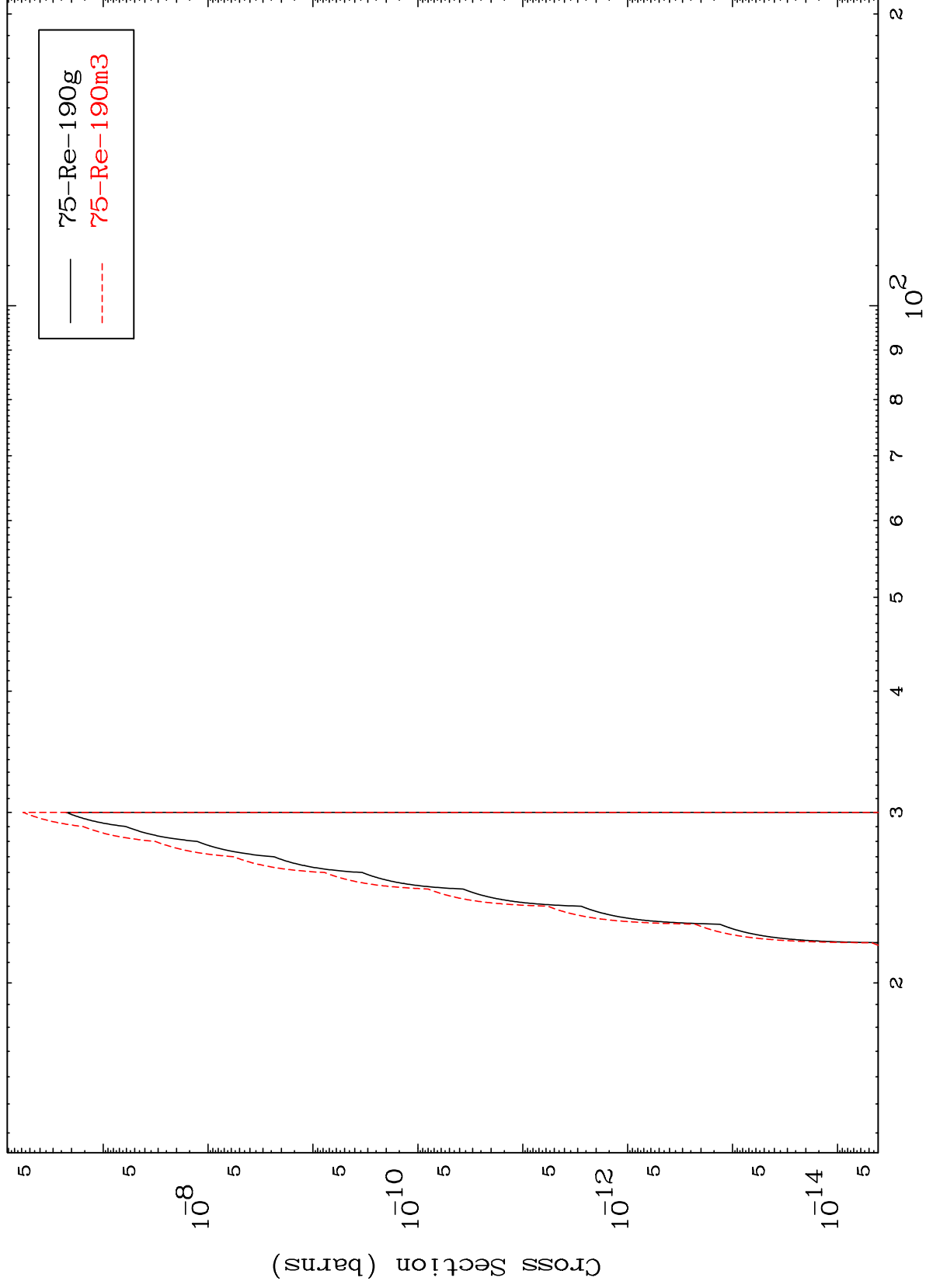
$^{77}\text{Ir-193m}$

Radionuclide Production Cross Section

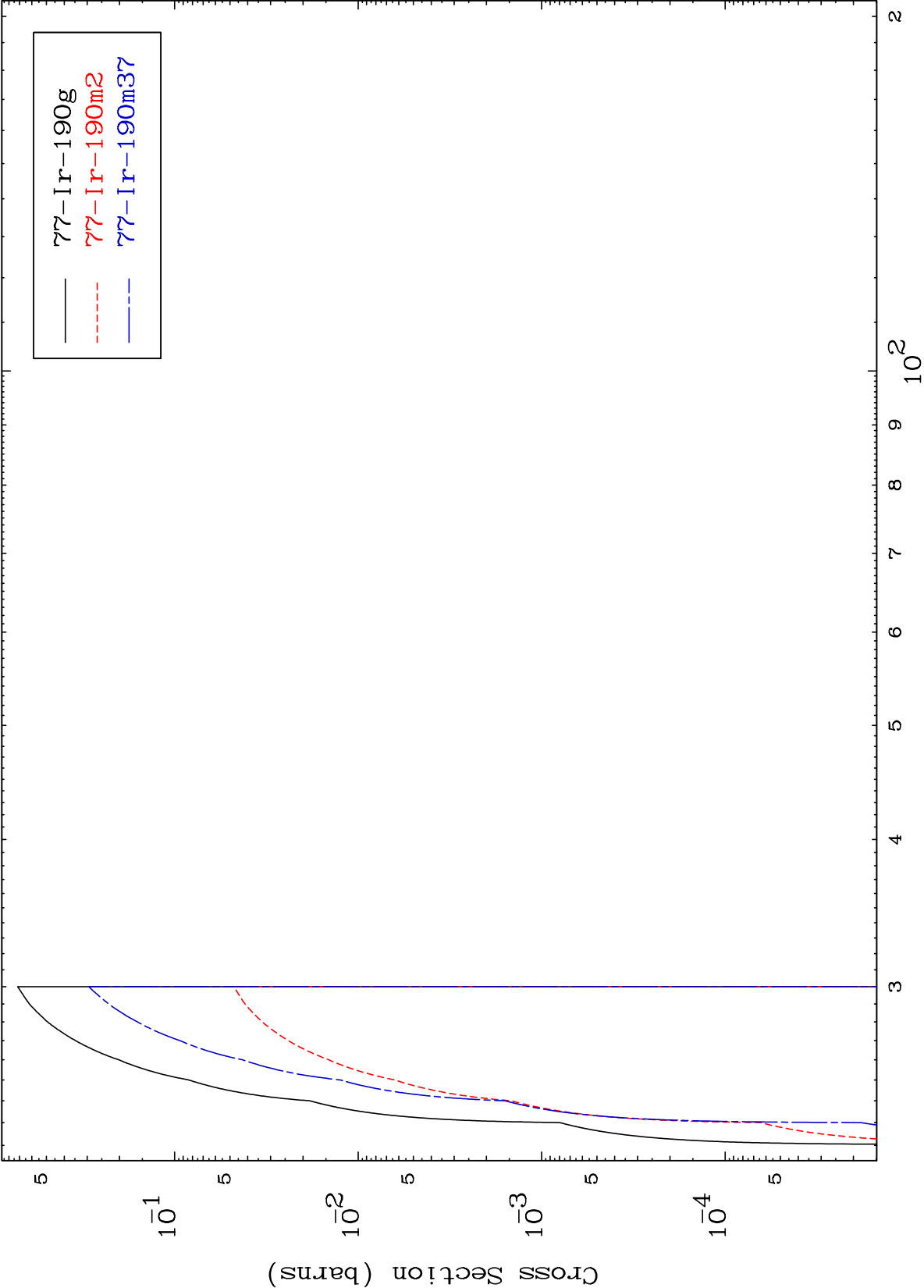


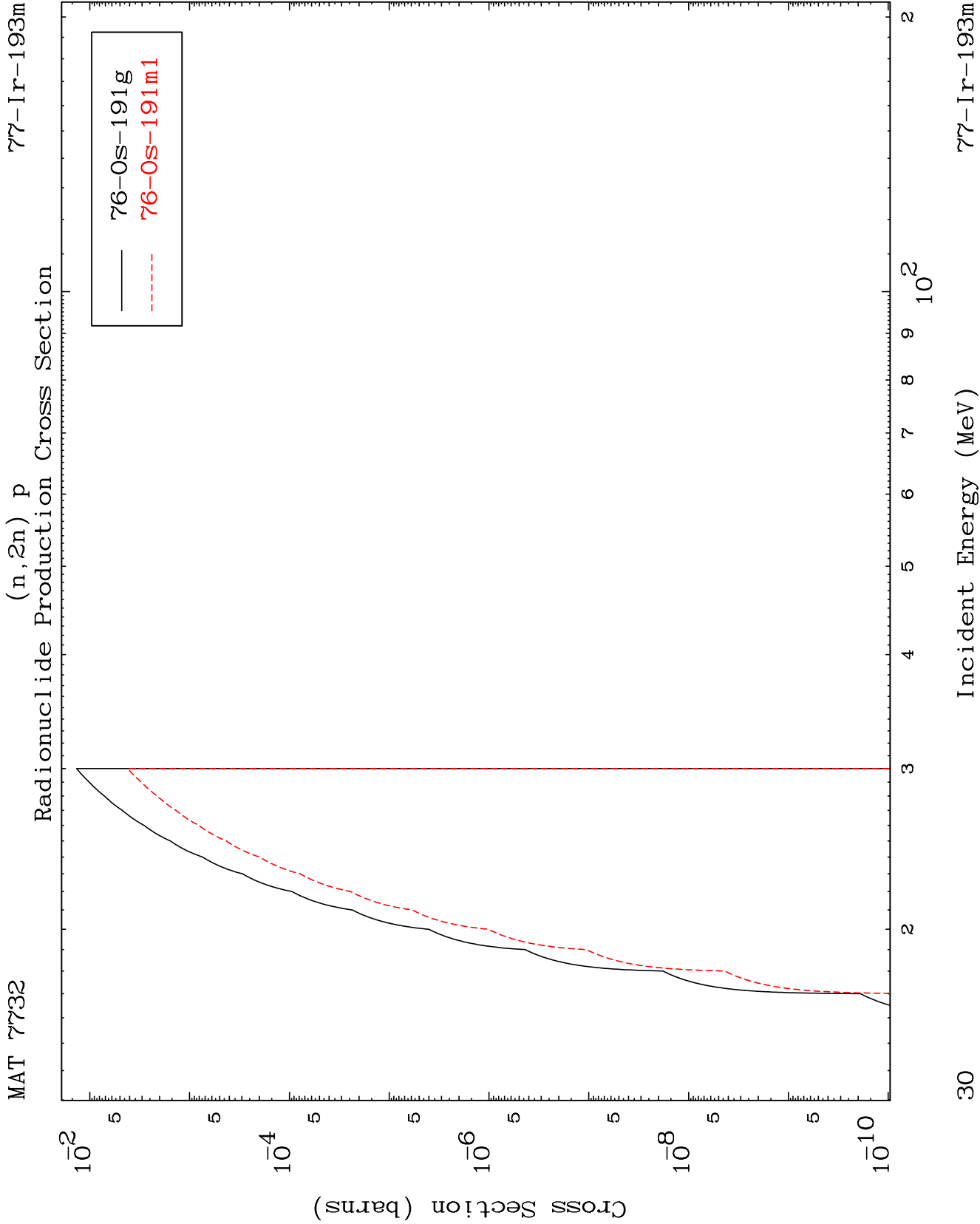


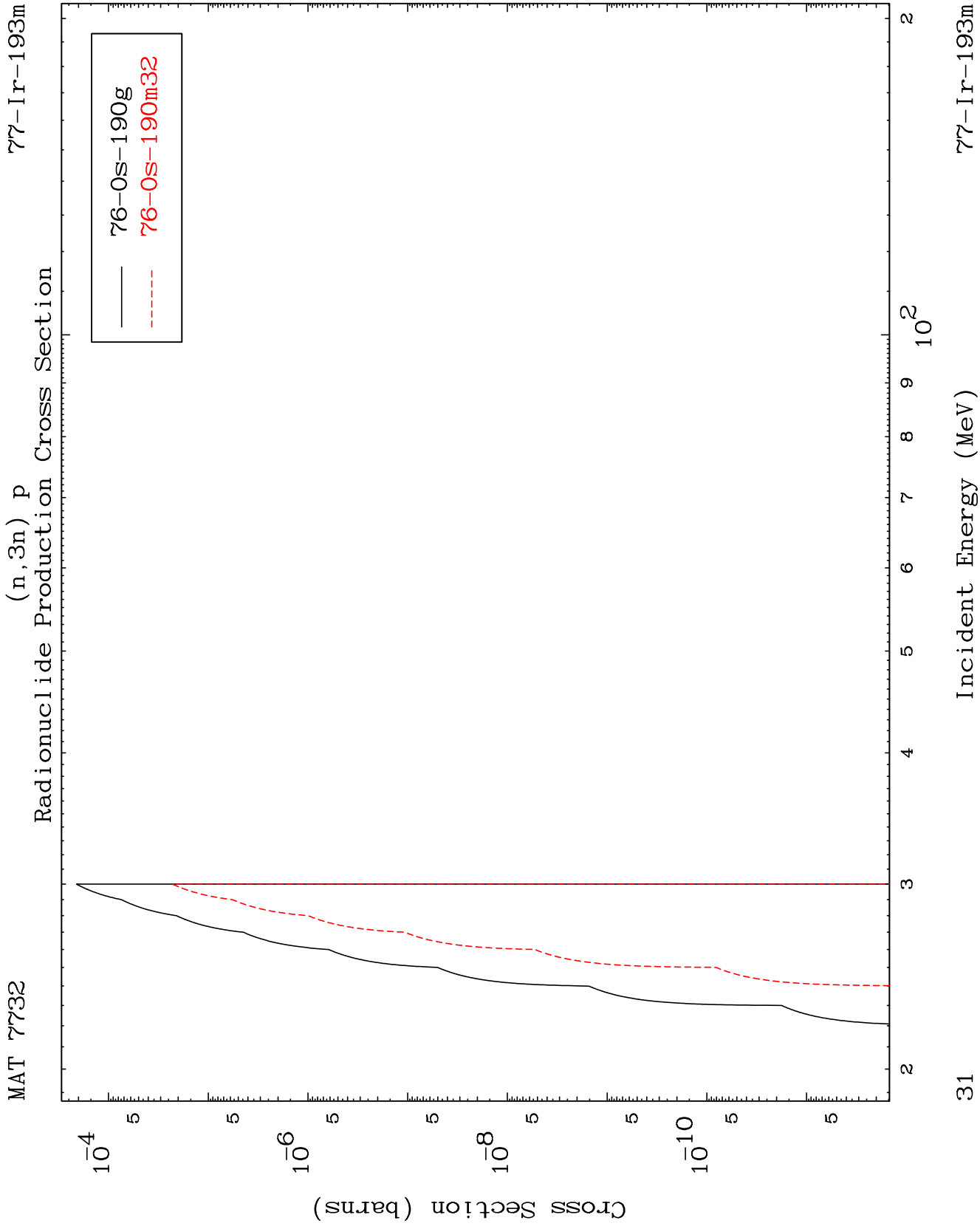
Radionuclide Production Cross Section

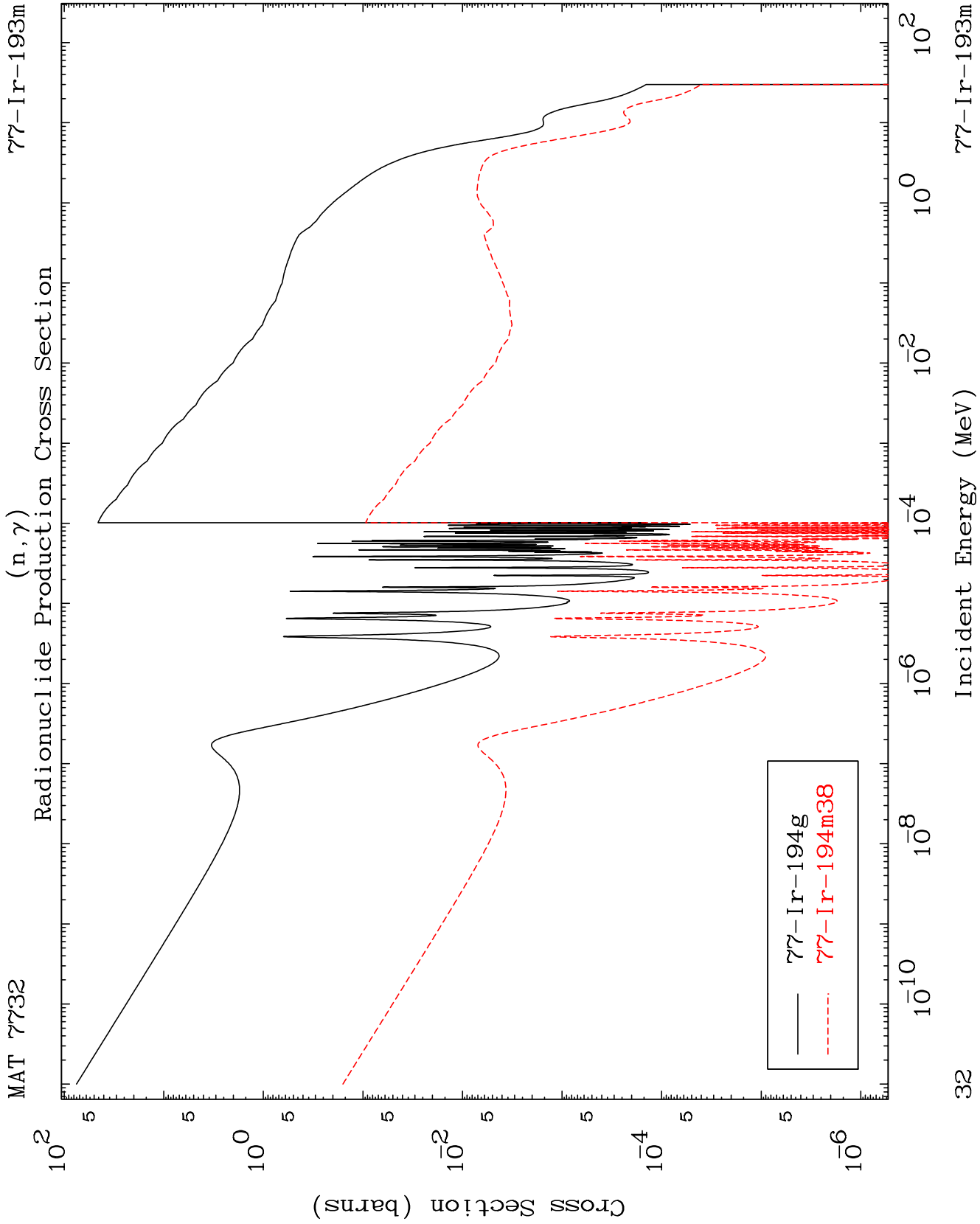


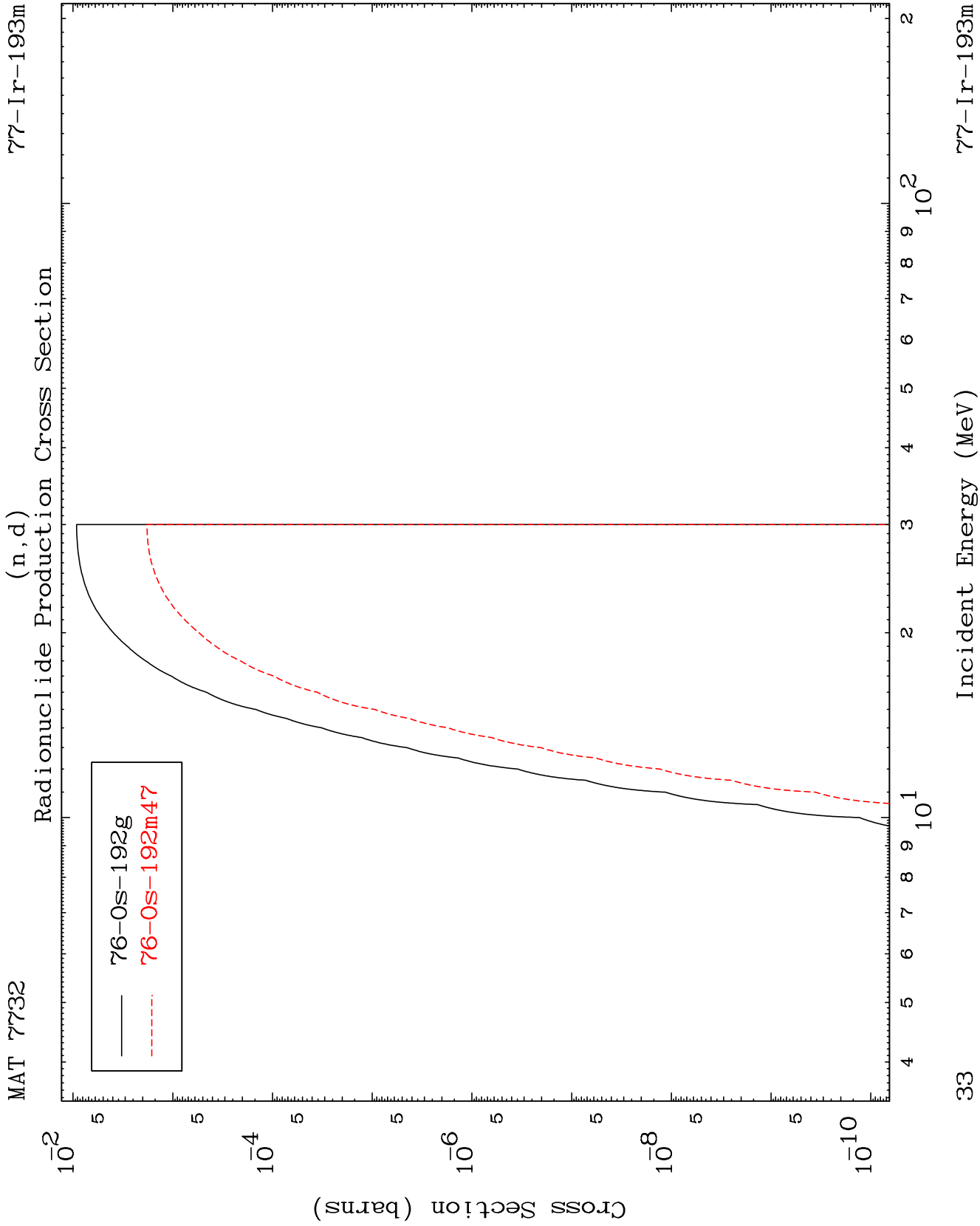
(n,4n)
Radionuclide Production Cross Section







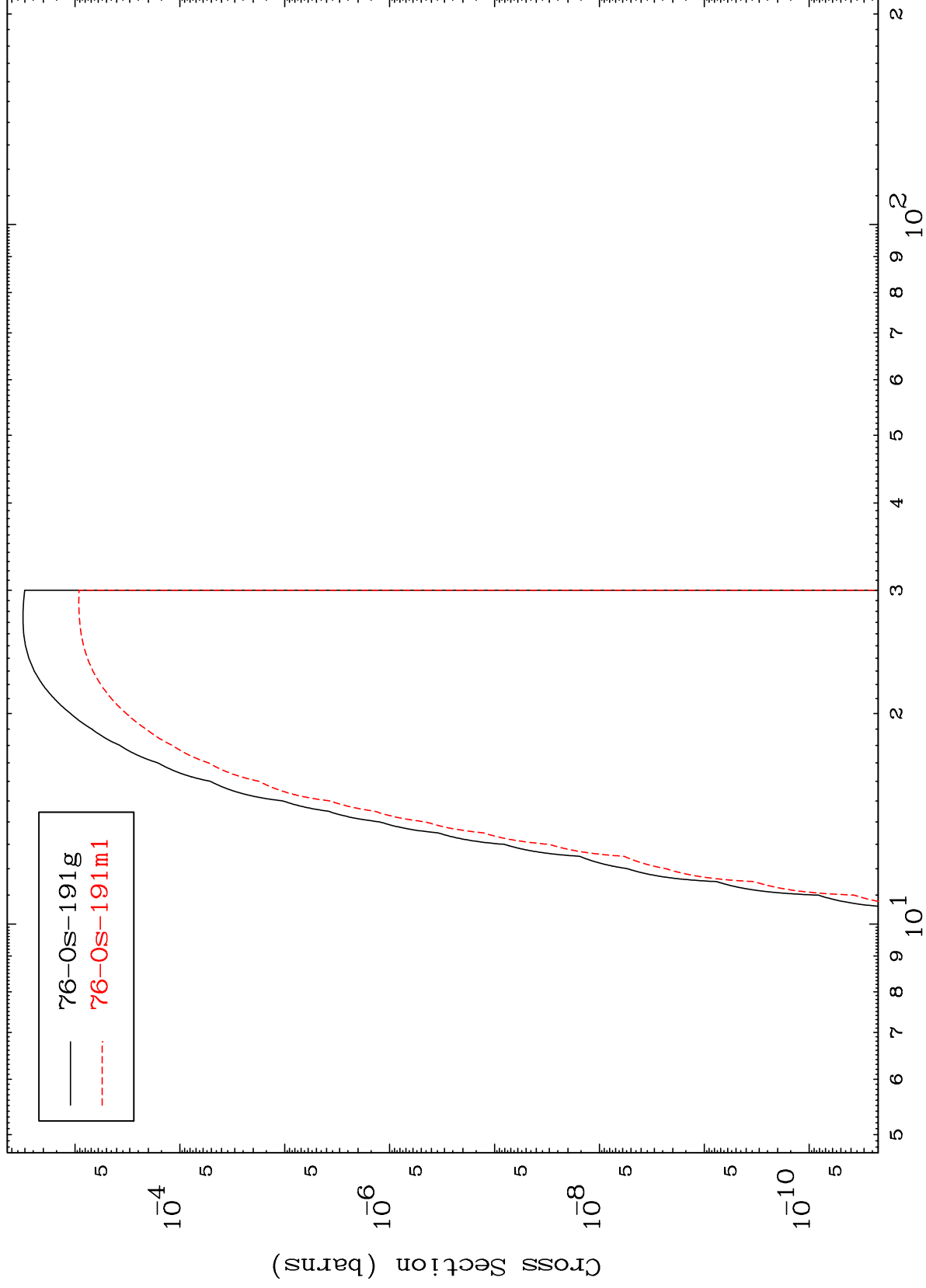




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⁷⁷Ir-193m

Radionuclide Production Cross Section



34

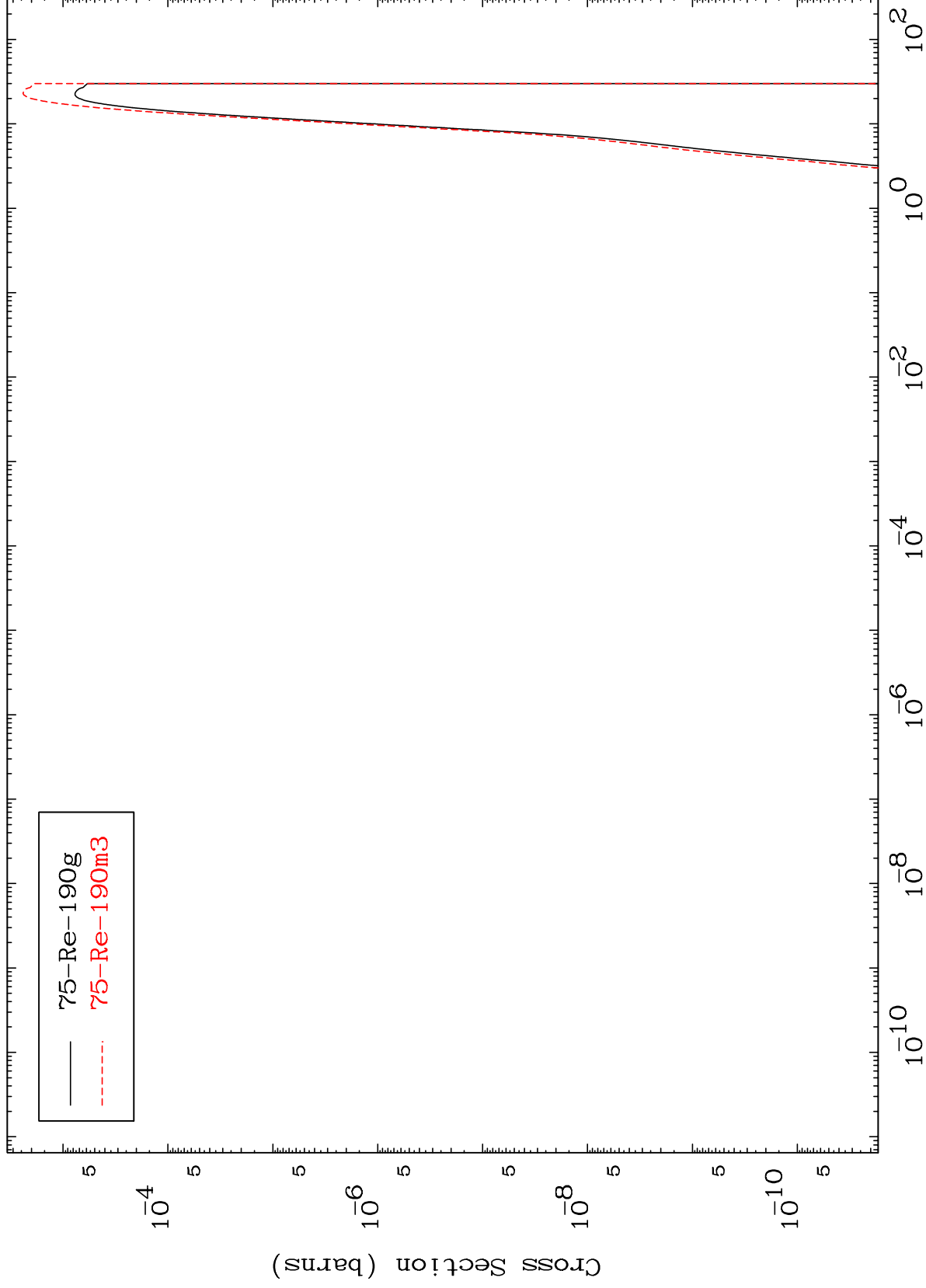
Incident Energy (MeV)

⁷⁷Ir-193m

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⁷⁷Ir-193m

Radionuclide Production Cross Section



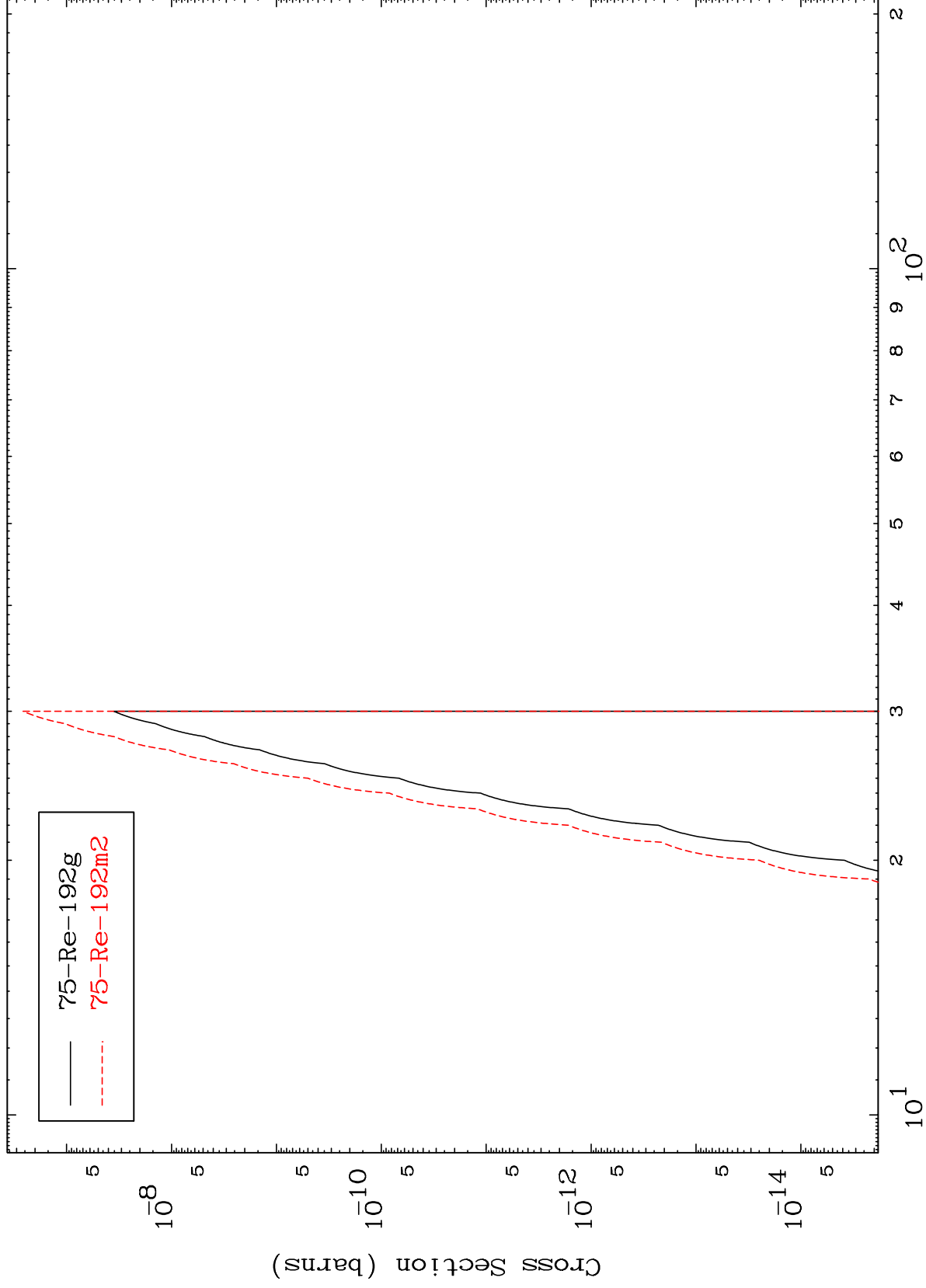
35

⁷⁷Ir-193m

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⁷⁷Ir-193m

Radionuclide Production Cross Section



⁷⁷Ir-193m

Incident Energy (MeV)

36