

Program EVALPLOT
(Version 2021-1)

by

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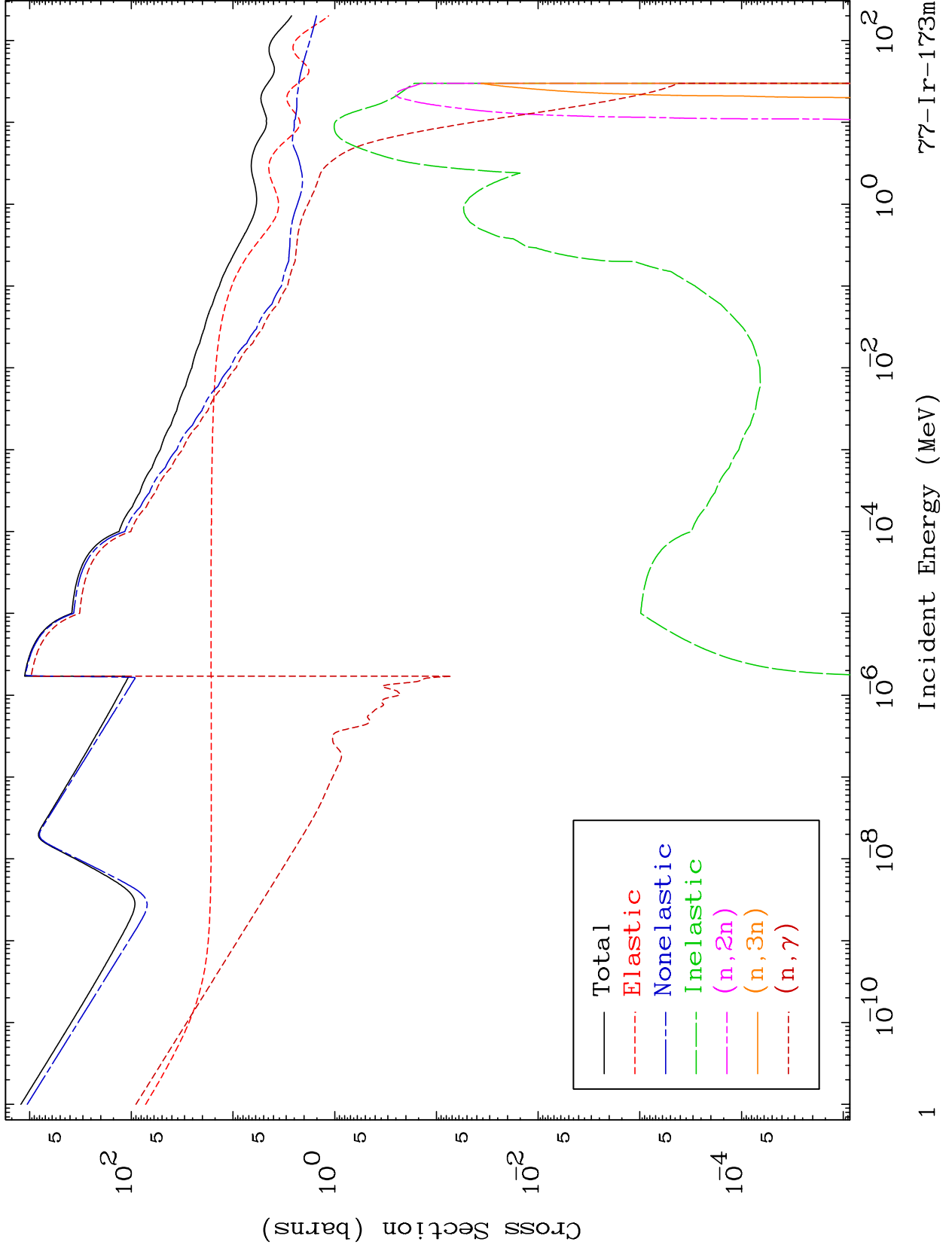
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7672

Neutron Major
293 Kelvin Cross Sections

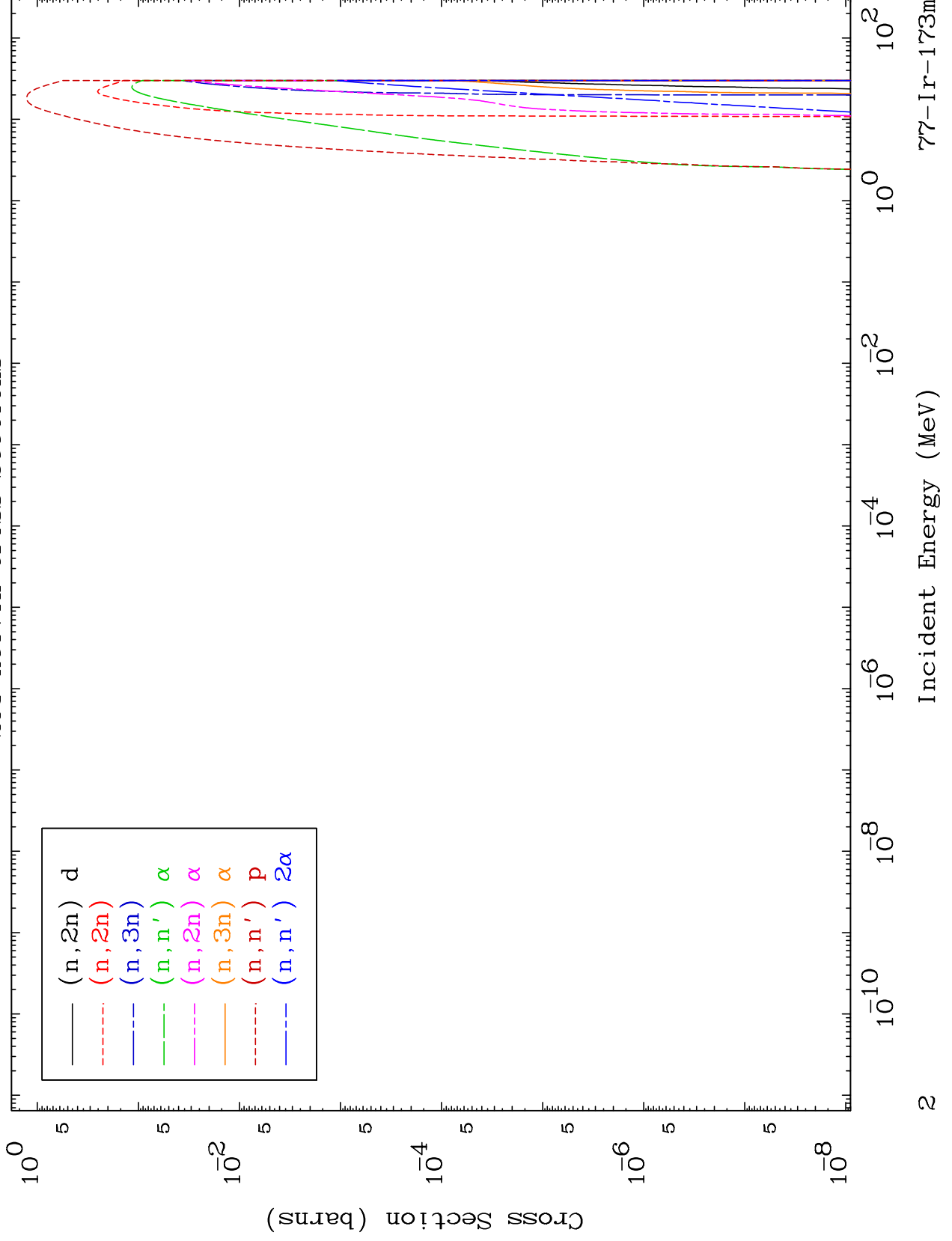
77-Ir-173m



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Neutron Absorption
293 Kelvin Cross Sections

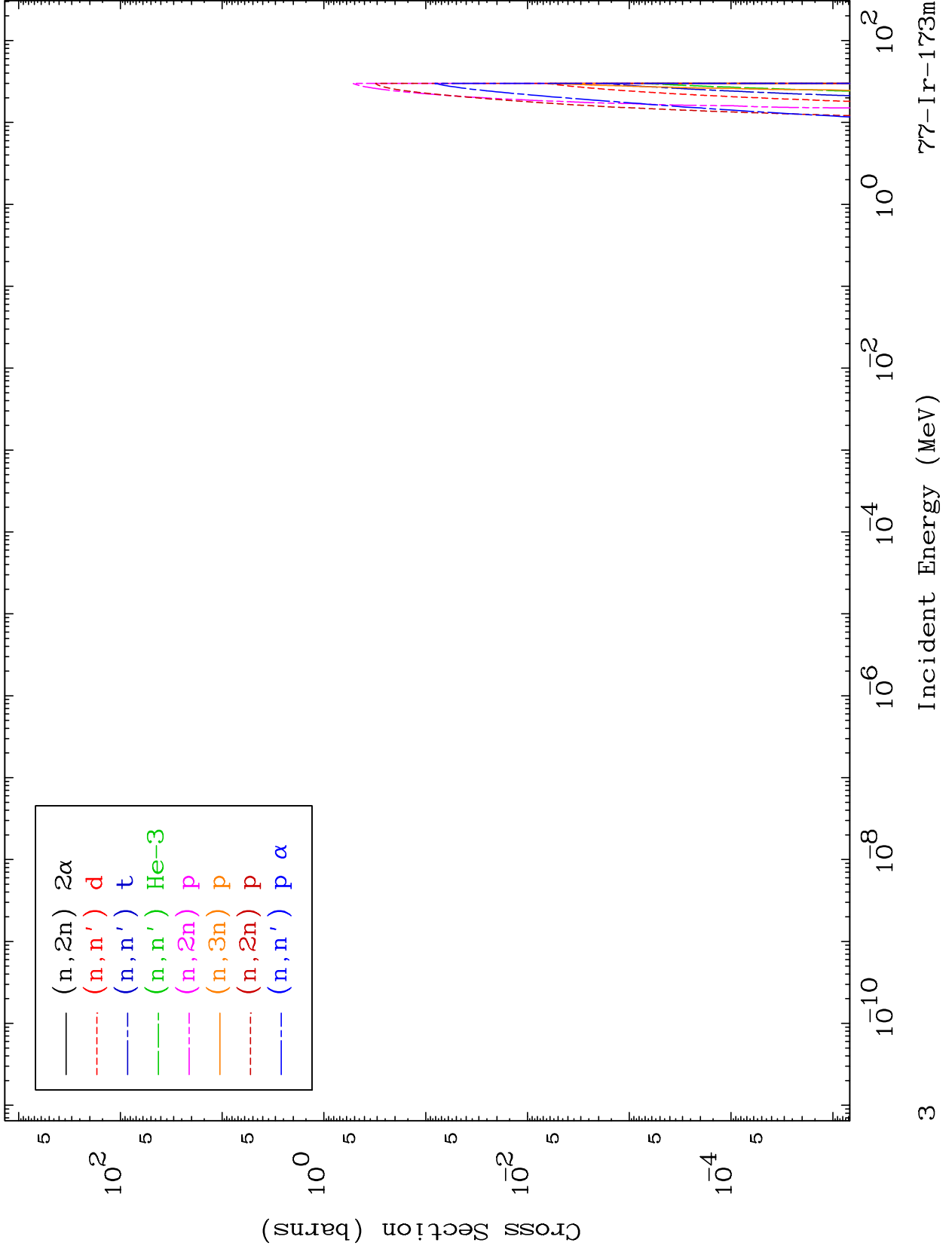
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Neutron Absorption
293 Kelvin Cross Sections

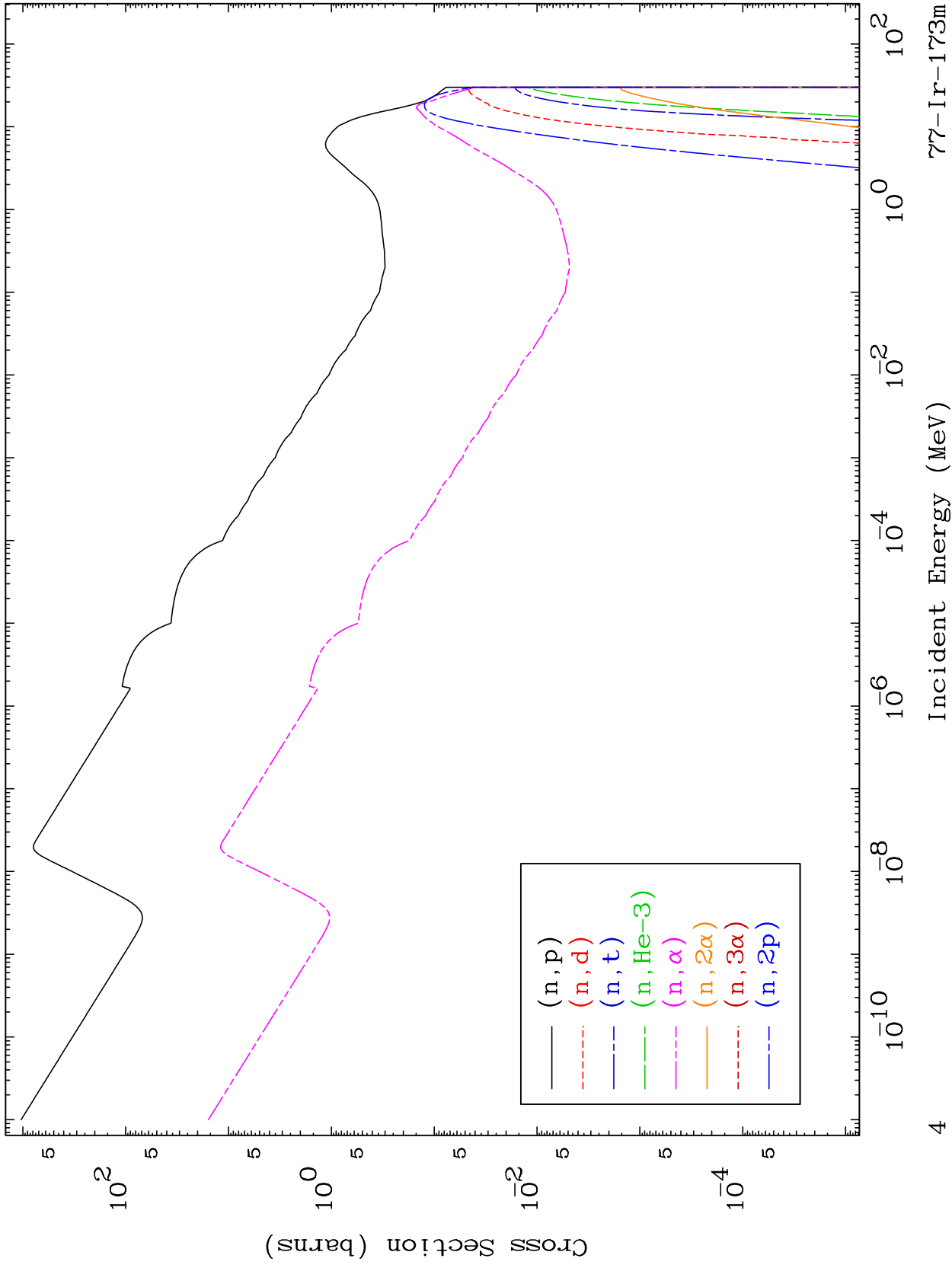
77-Ir-173m



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Neutron Absorption
293 Kelvin Cross Sections

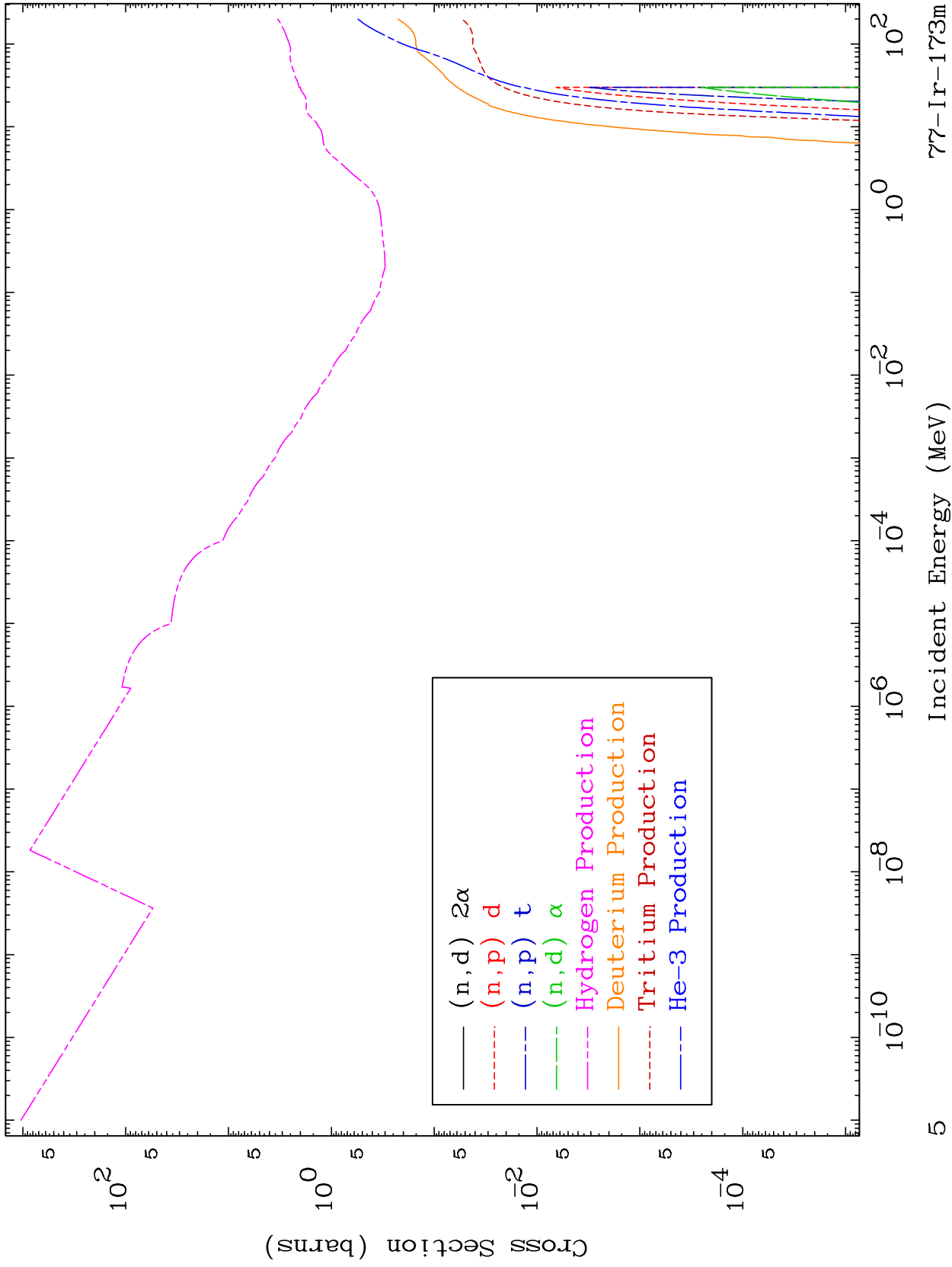
77-Ir-173m



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Neutron Absorption
293 Kelvin Cross Sections

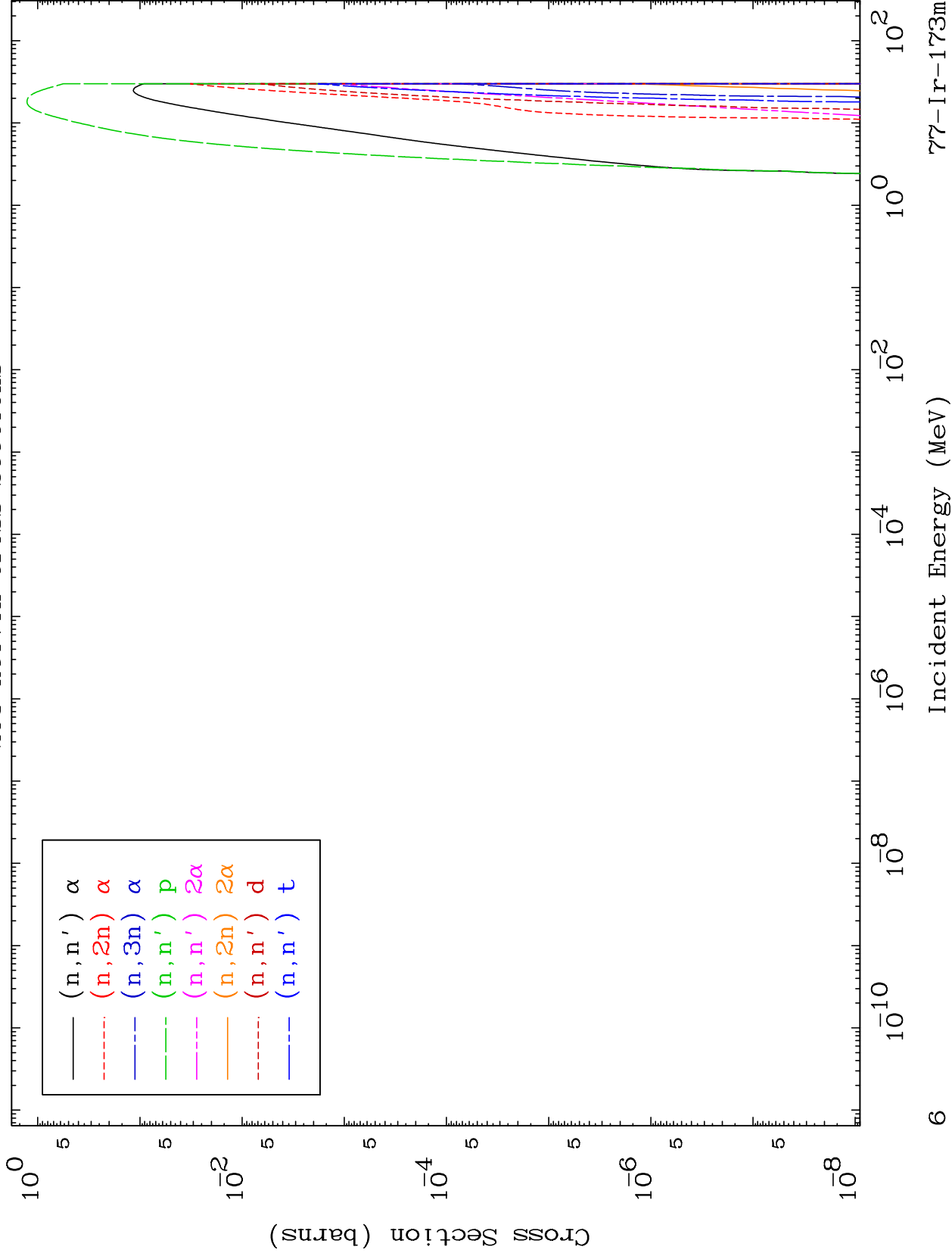
77-Ir-173m



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Charged Particle
293 Kelvin Cross Sections

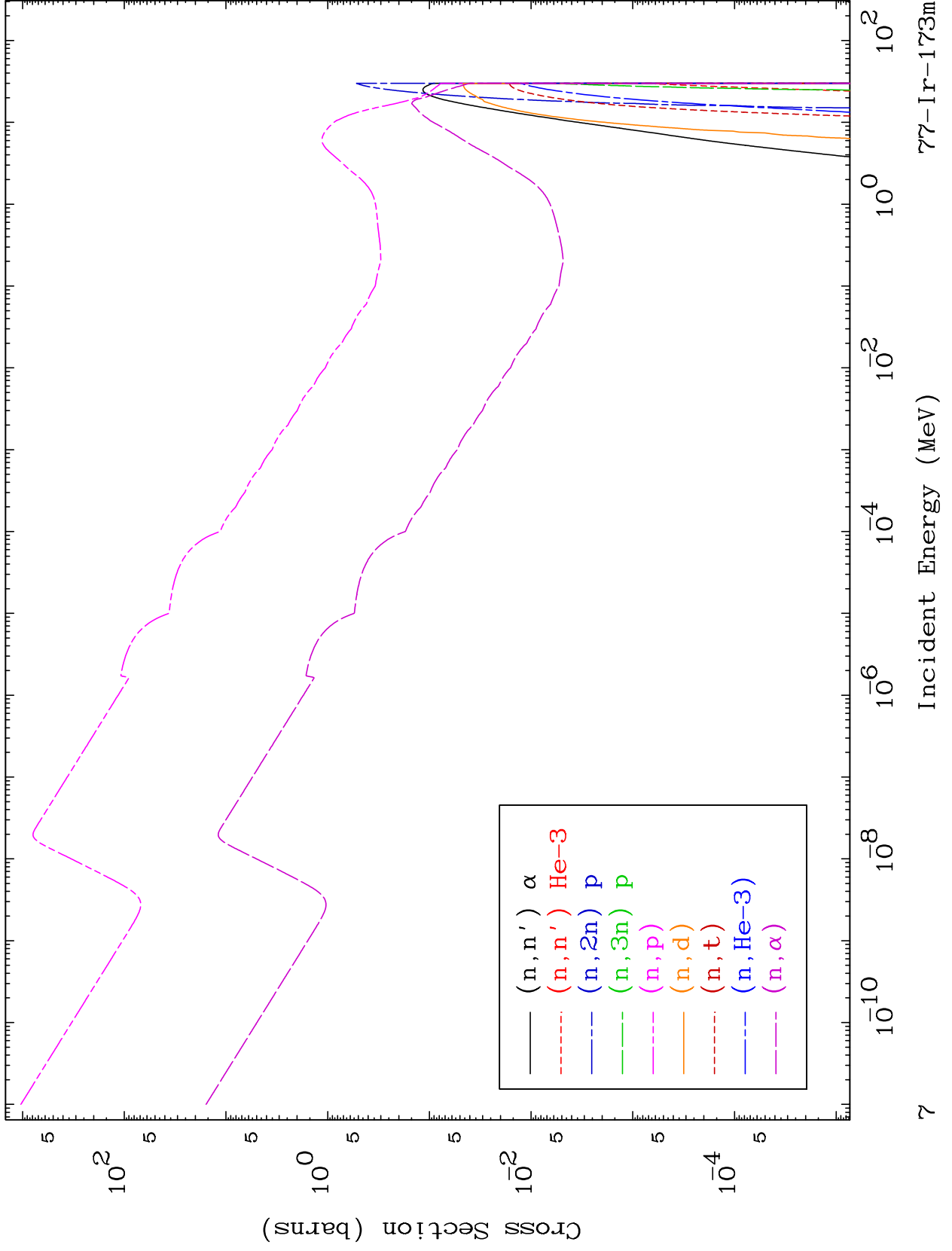
77-Ir-173m



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Charged Particle
293 Kelvin Cross Sections

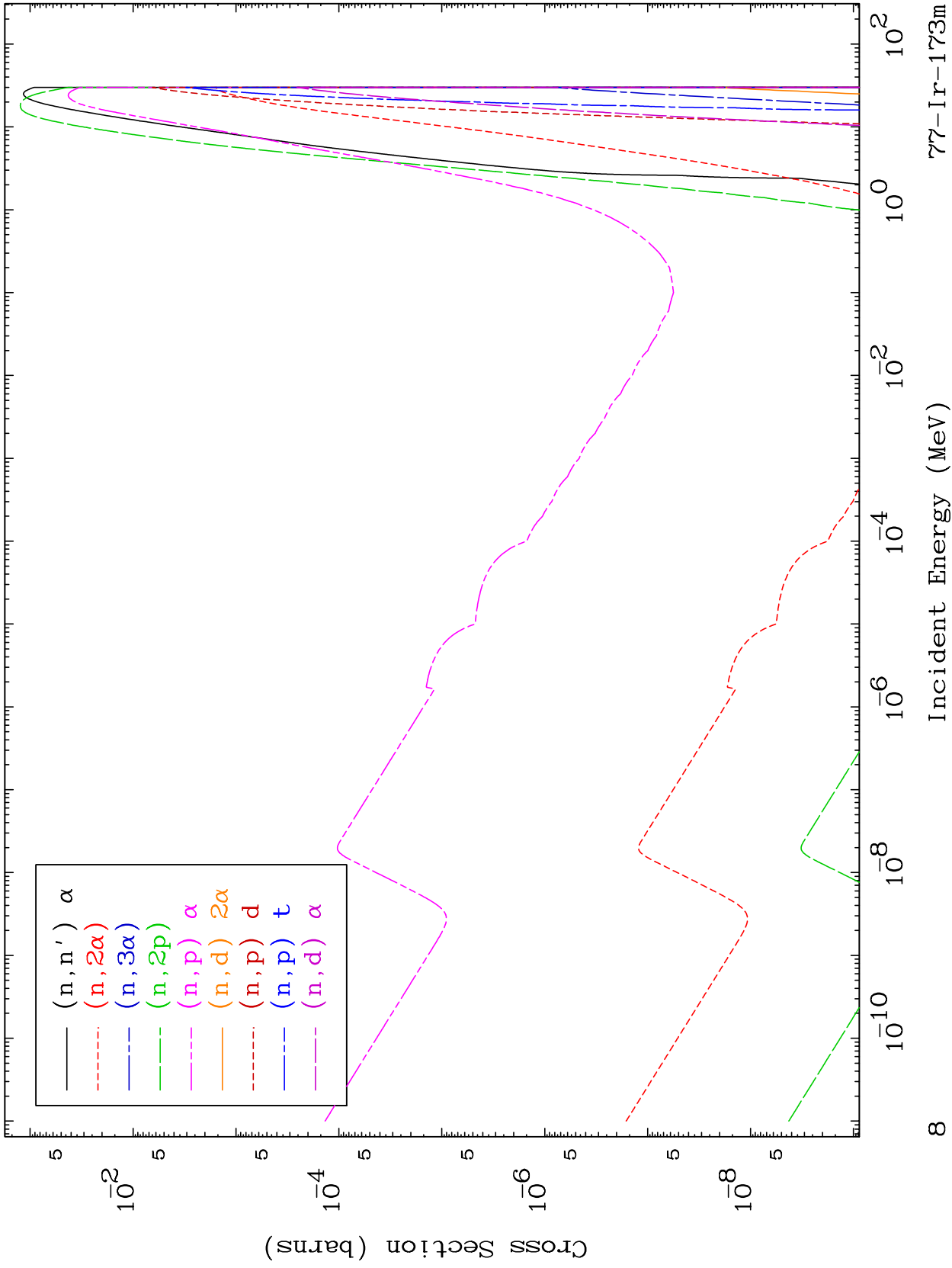
77-Ir-173m



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Charged Particle
293 Kelvin Cross Sections

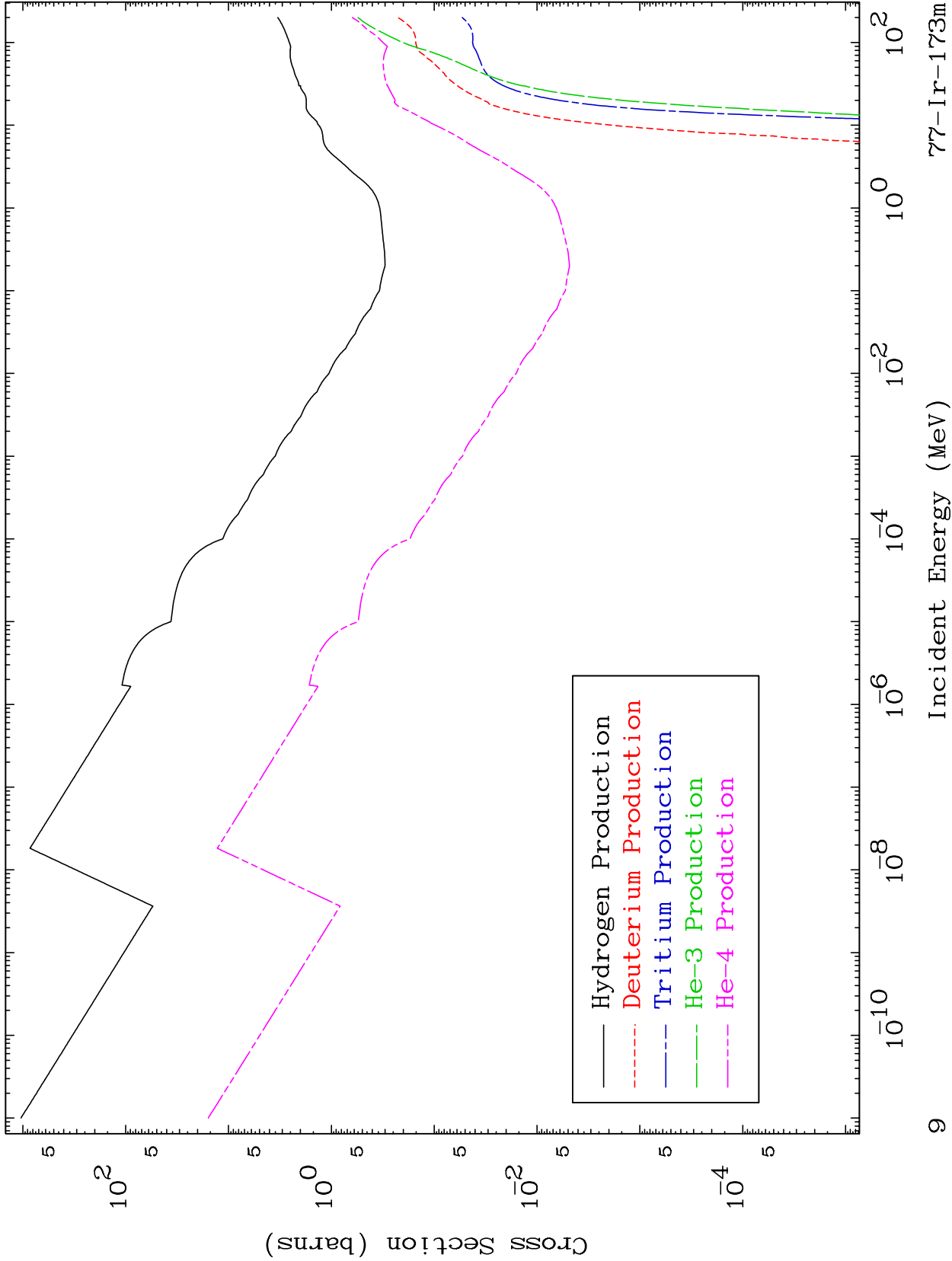
77-Ir-173m



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Particle Production
293 Kelvin Cross Sections

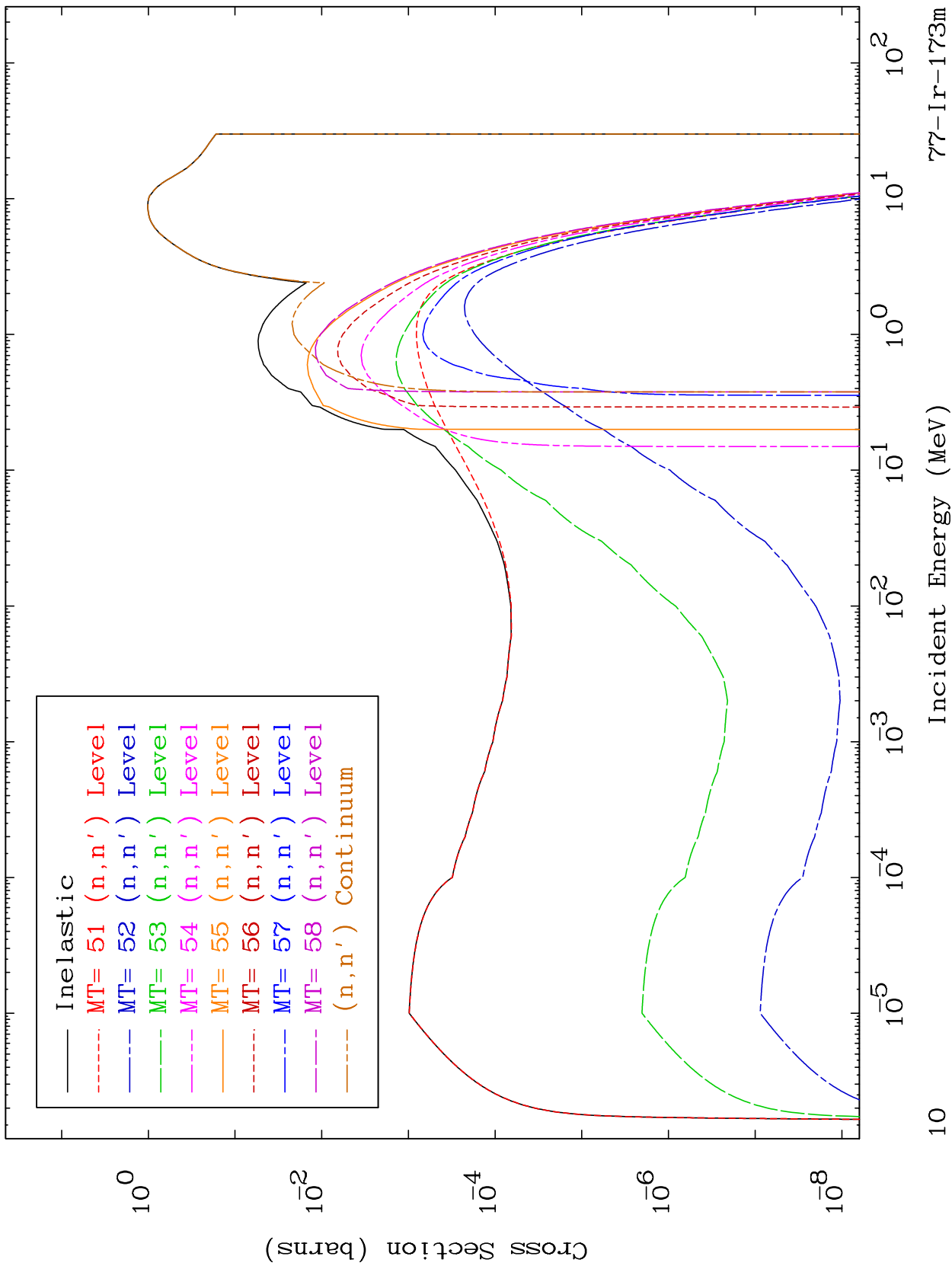
77-Ir-173m



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(n,n') Levels
293 Kelvin Cross Sections

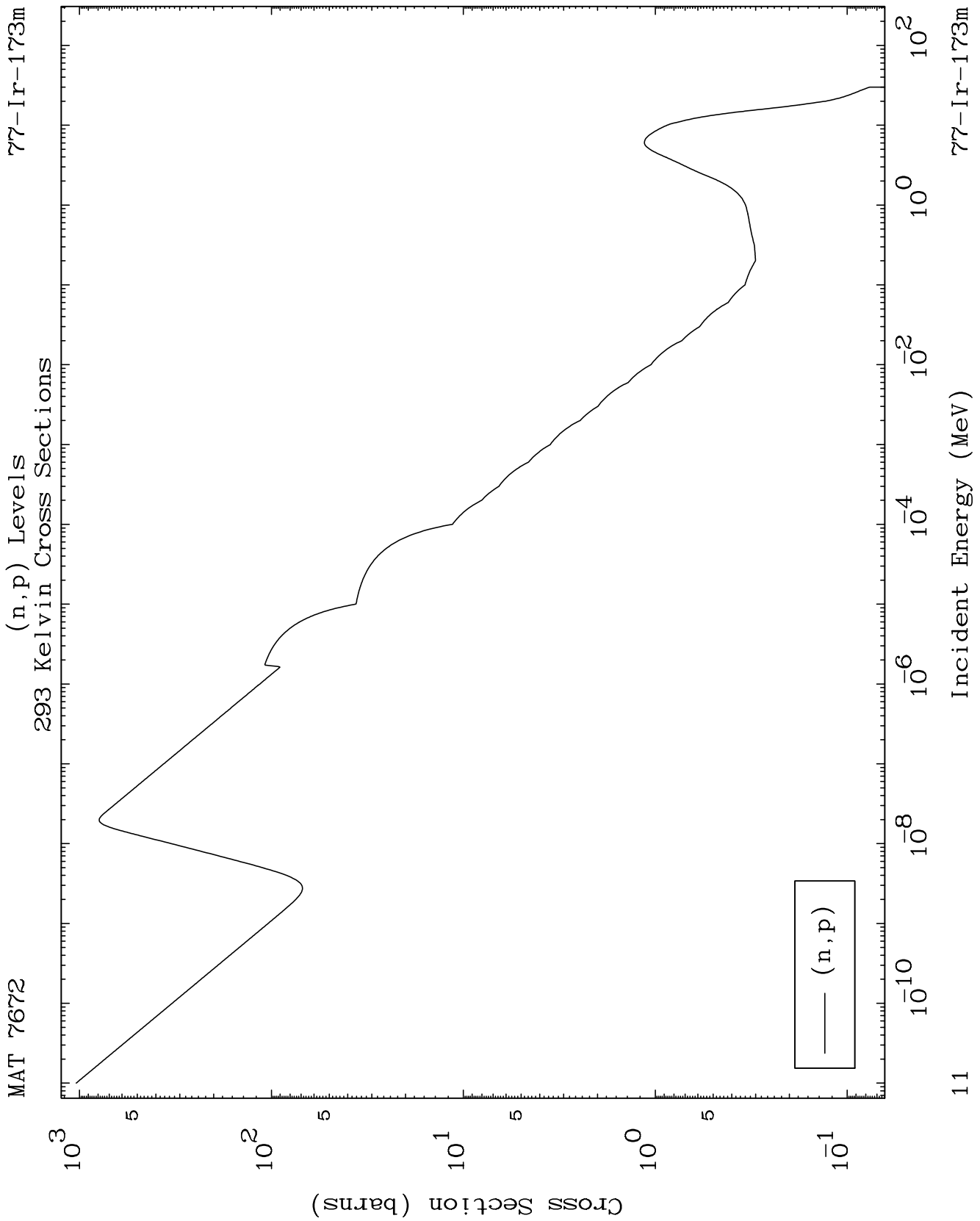
77-Ir-173m



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Incident Energy (MeV)

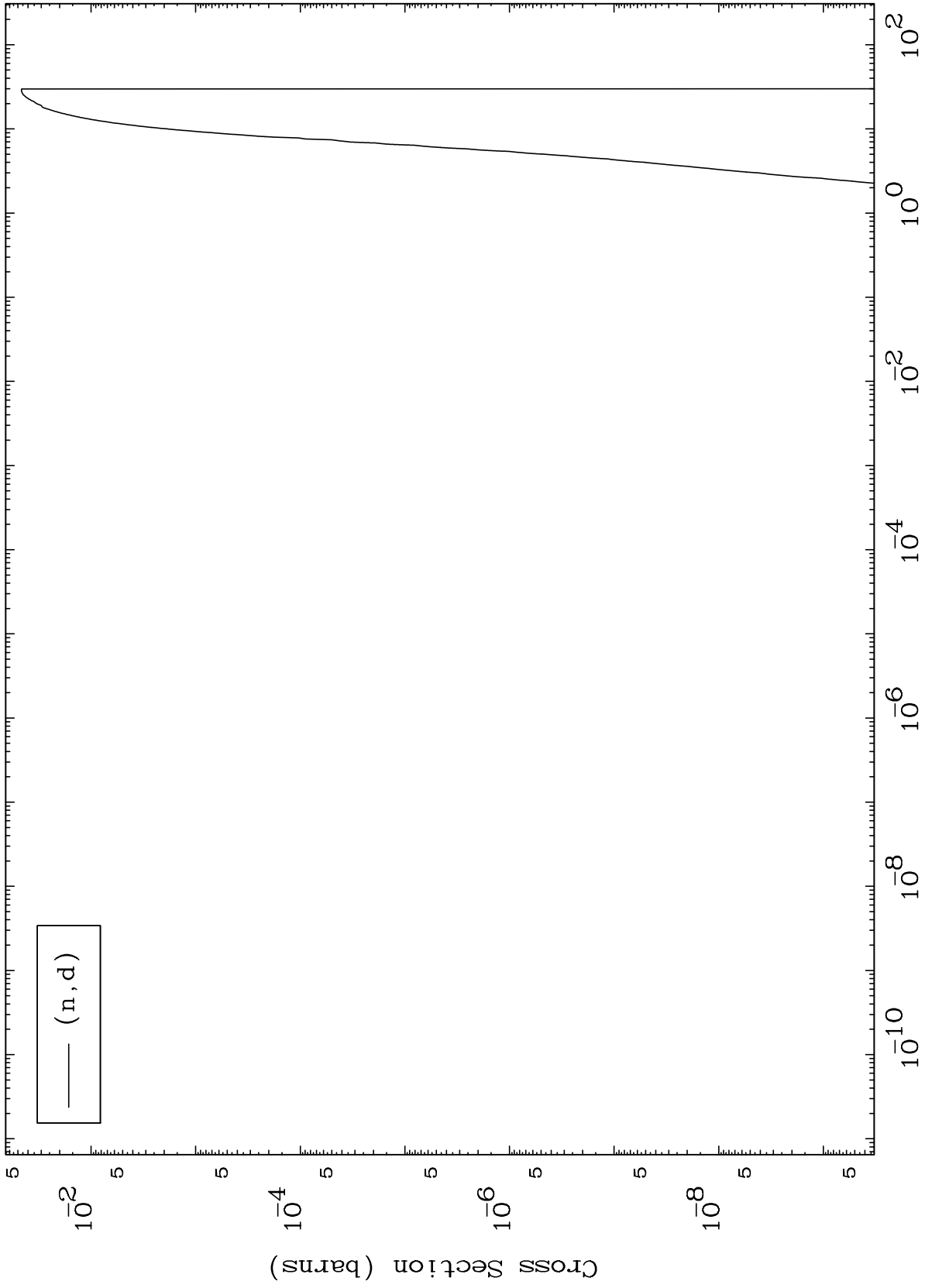
77-Ir-173m



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(n,d) Levels
293 Kelvin Cross Sections

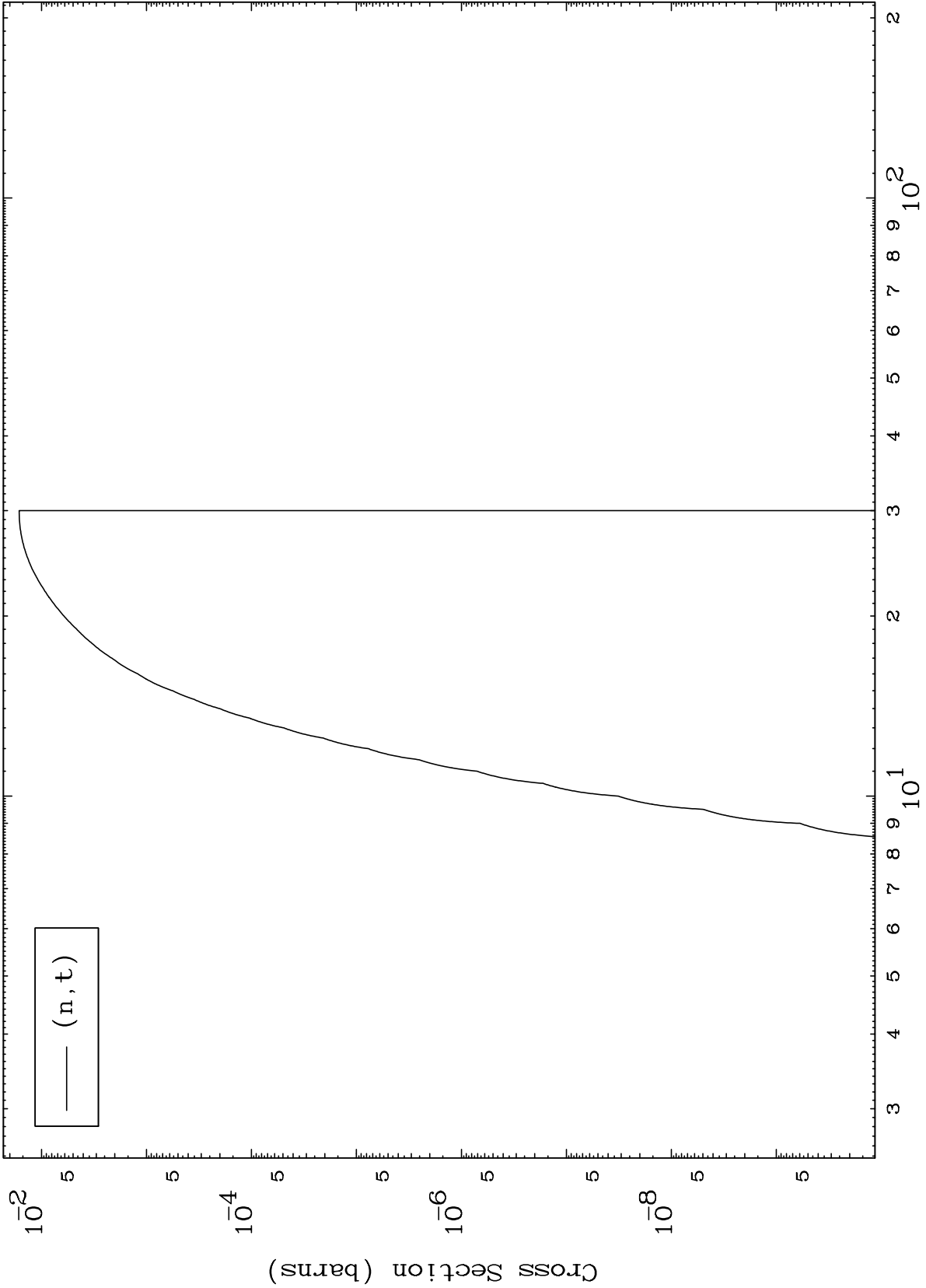
77-Ir-173m



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(n,t) Levels
293 Kelvin Cross Sections

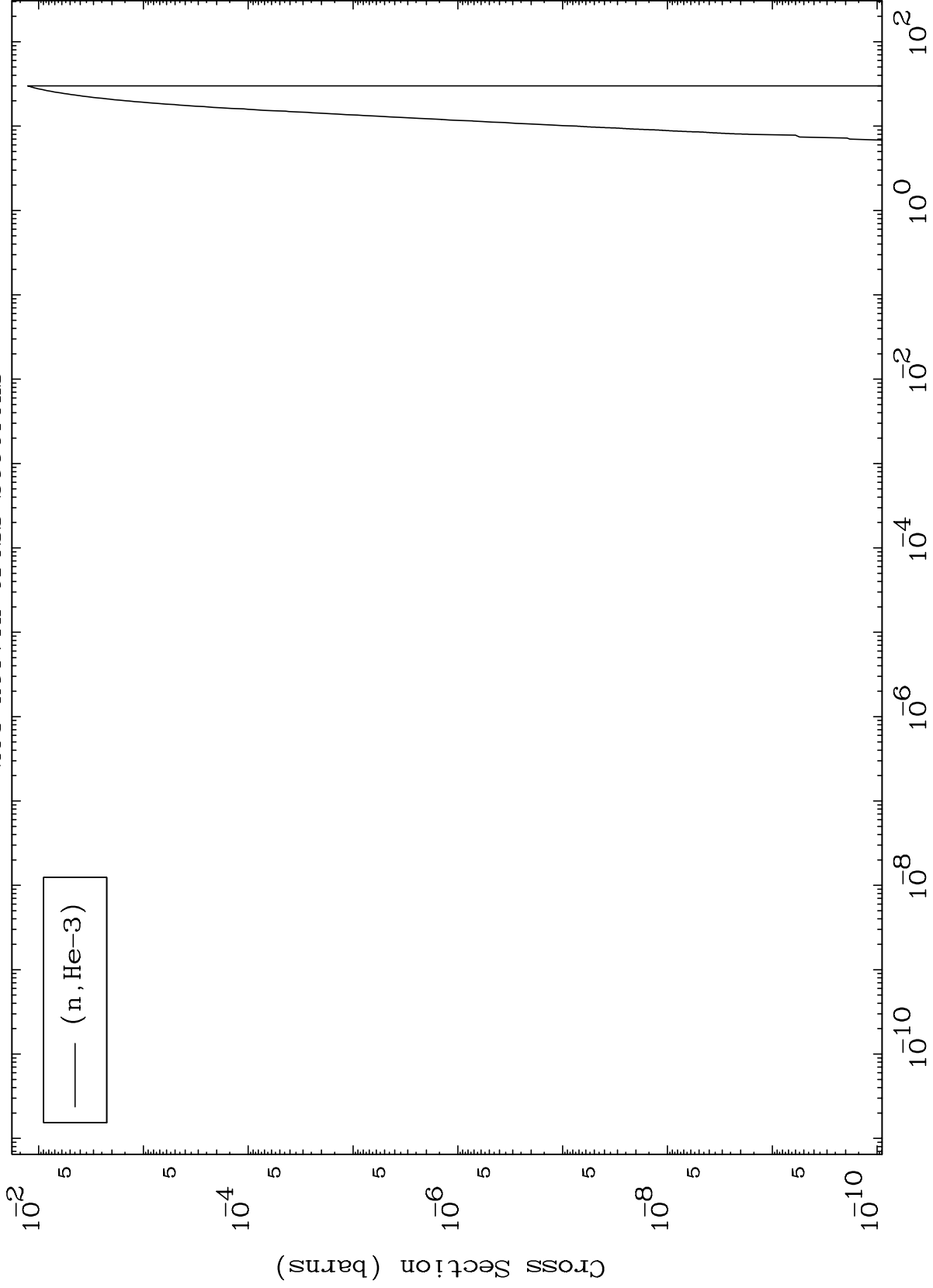
77-Ir-173m



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(n,He3) Levels
293 Kelvin Cross Sections

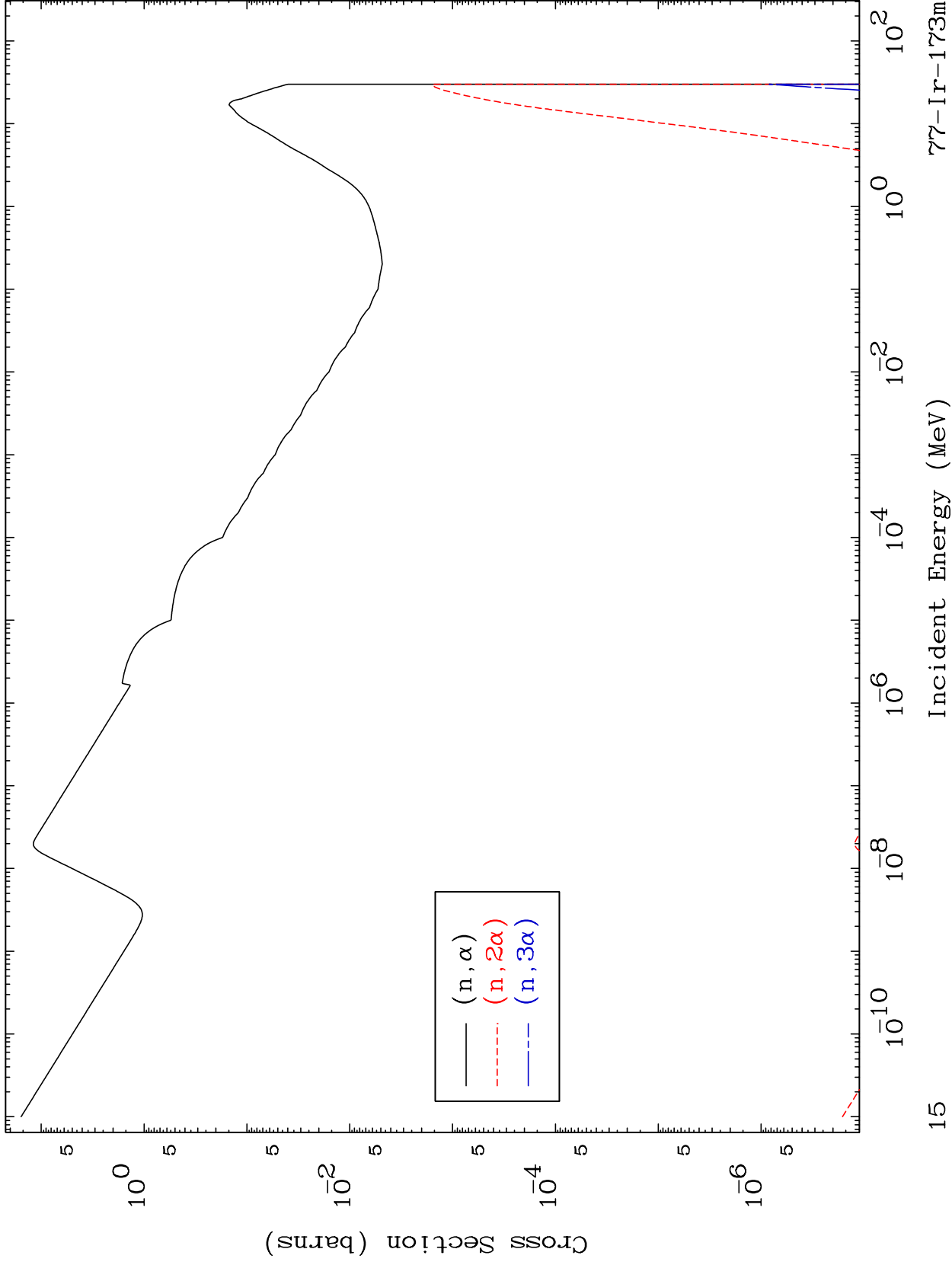
77-Ir-173m



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(n, α) Levels
293 Kelvin Cross Sections

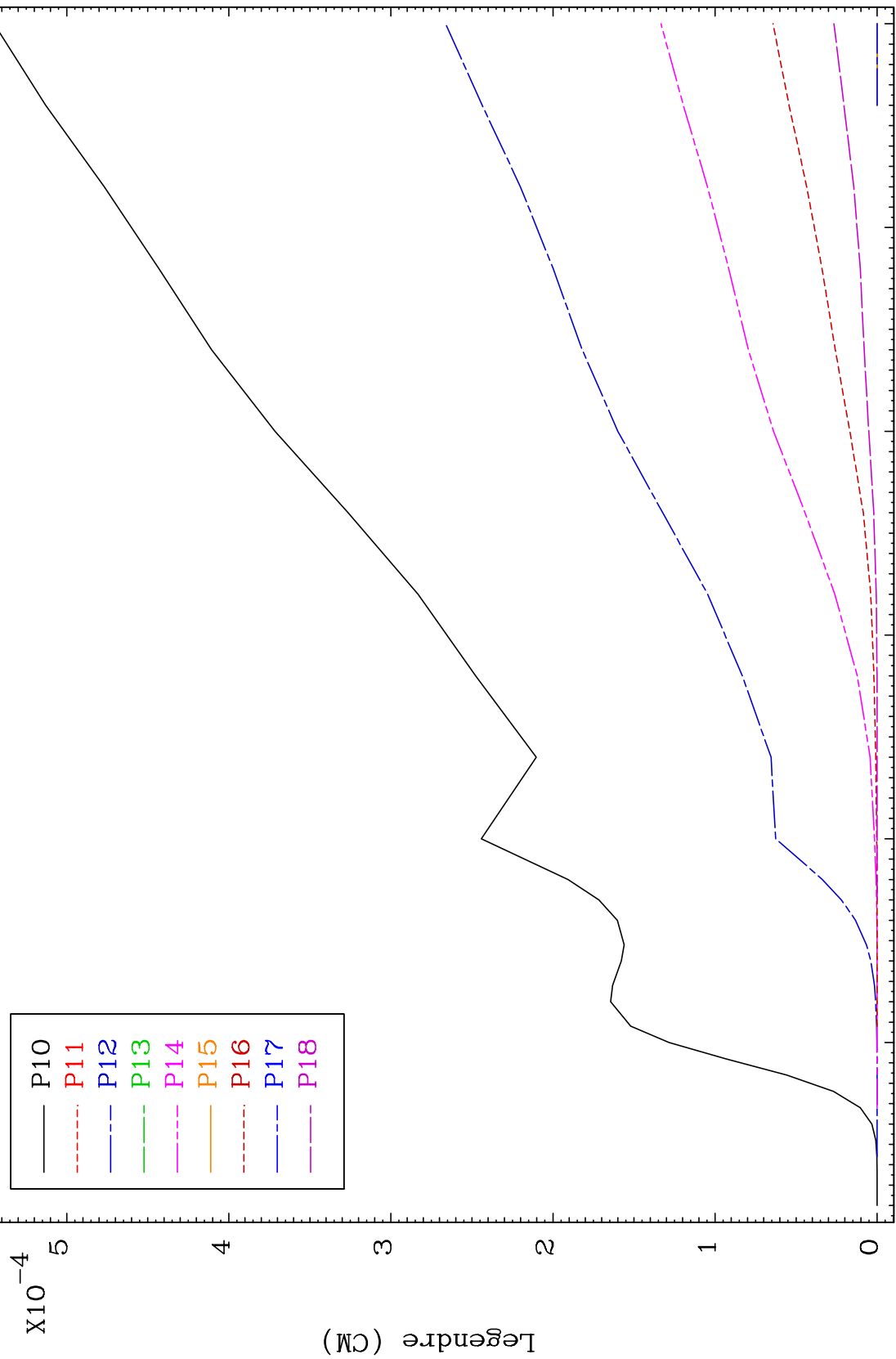
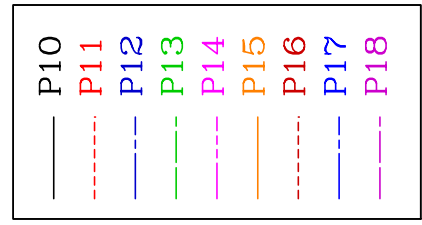
77-Ir-173m



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Elastic Legendre Coefficients

77-Ir-173m



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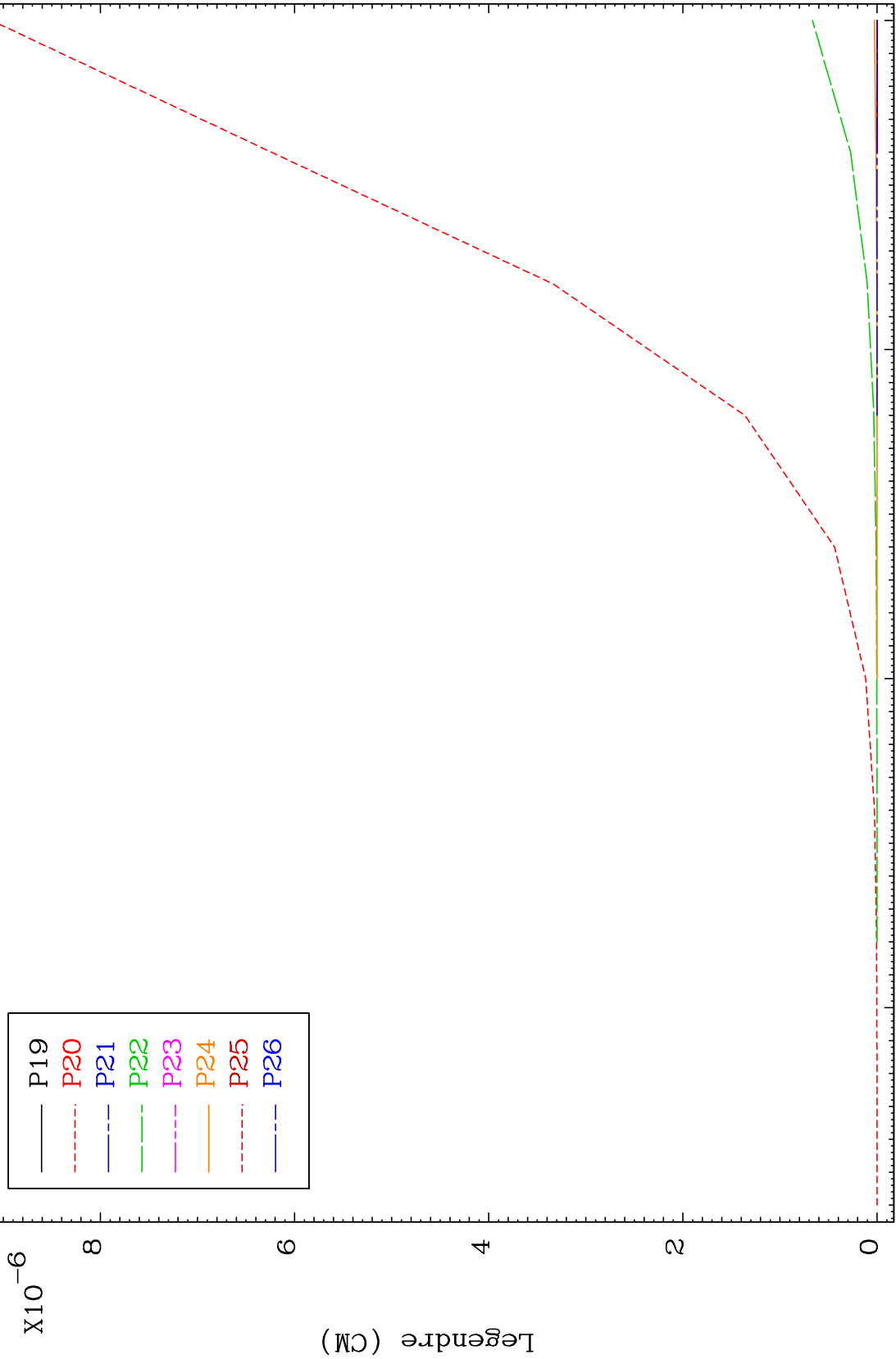
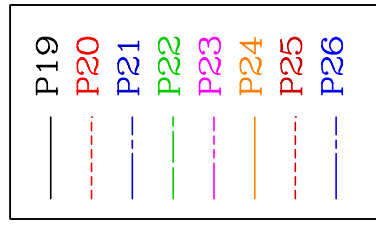
Incident Energy (MeV)

77-Ir-173m

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Elastic Legendre Coefficients

77-Ir-173m



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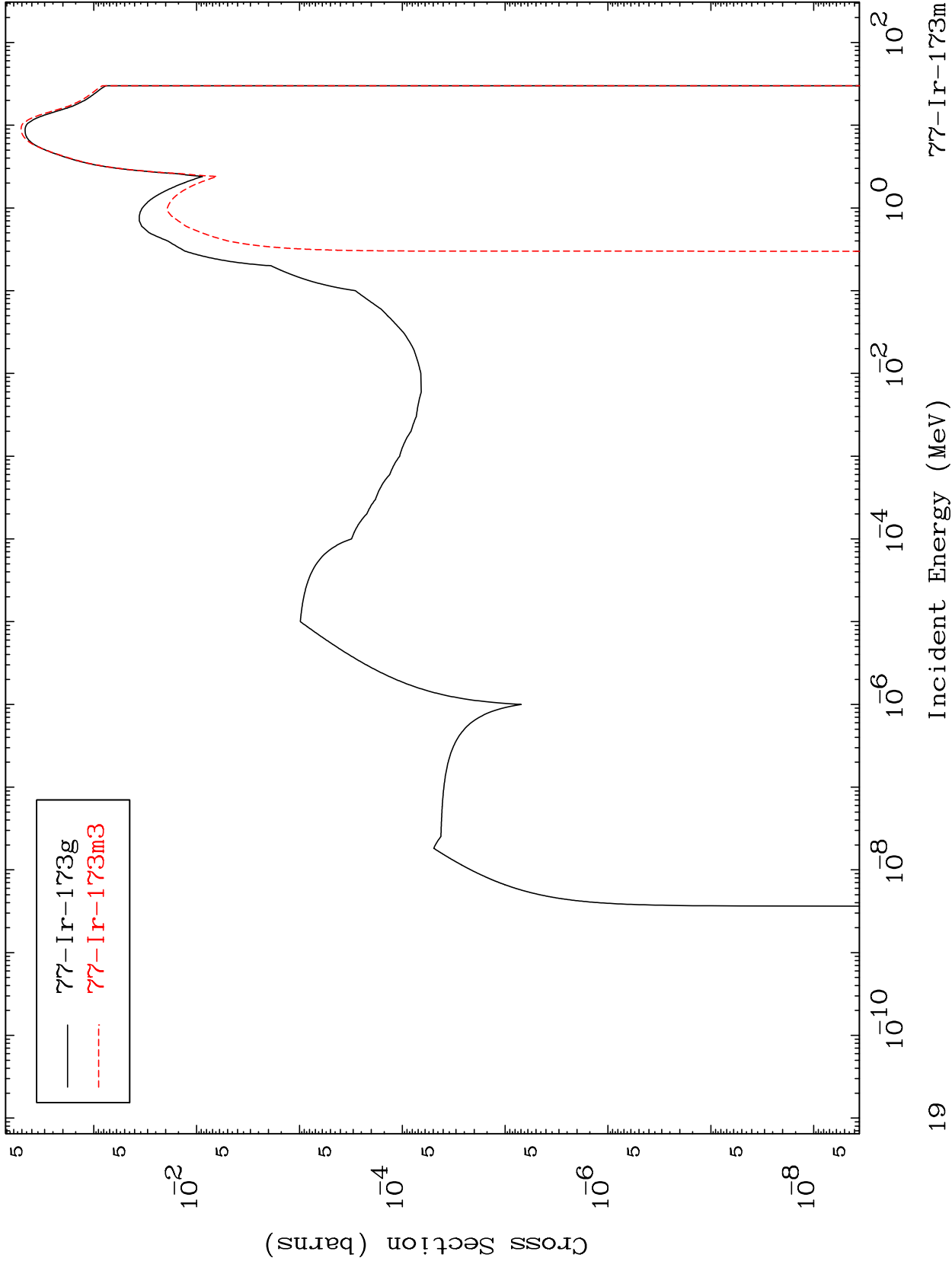
Incident Energy (MeV)

77-Ir-173m

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Inelastic
Radionuclide Production Cross Section

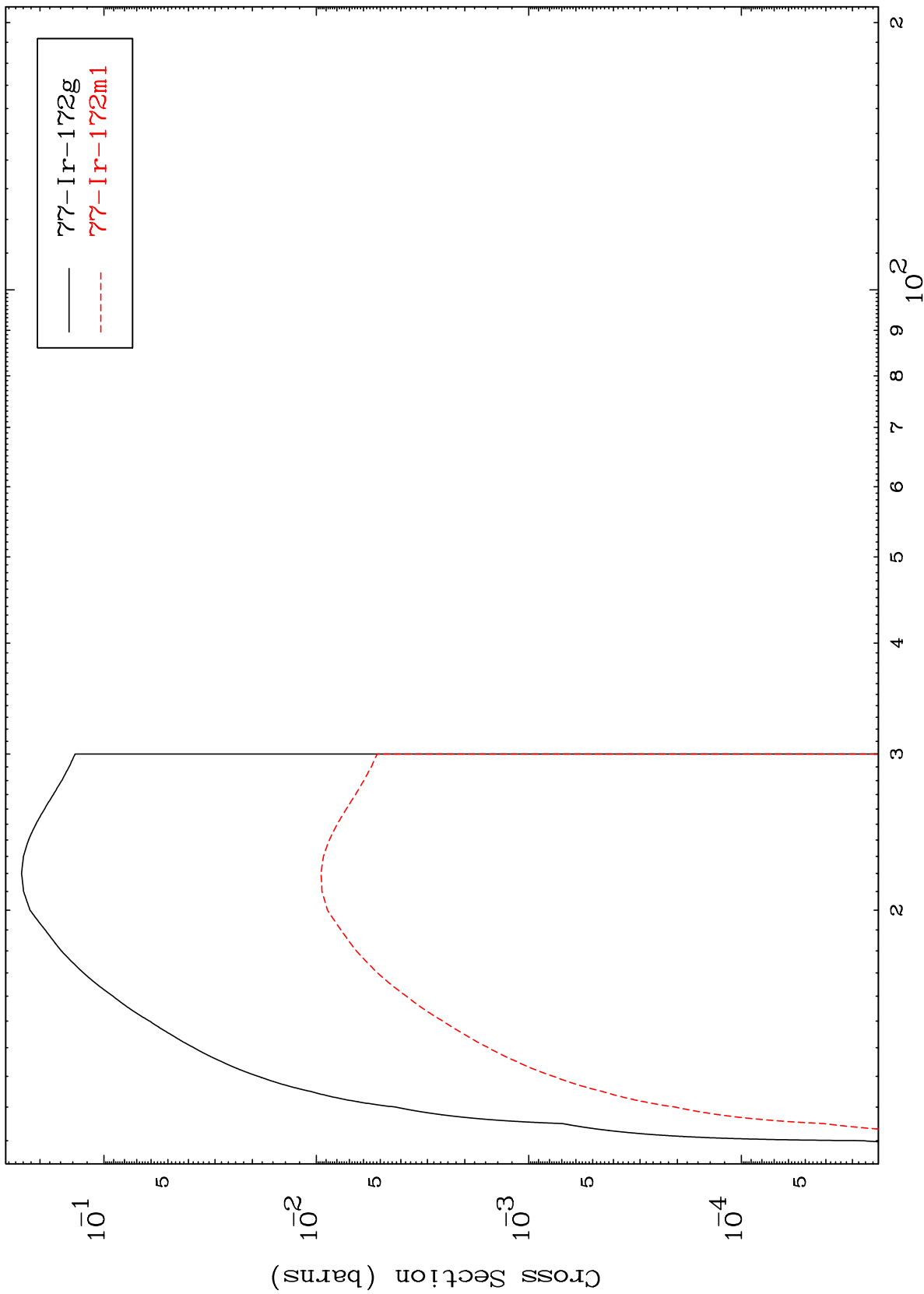
⁷⁷Ir-¹⁷³m



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⁷⁷Ir-173m

(n,2n)
Radionuclide Production Cross Section



— ⁷⁷Ir-172g
- - - ⁷⁷Ir-172m1

20

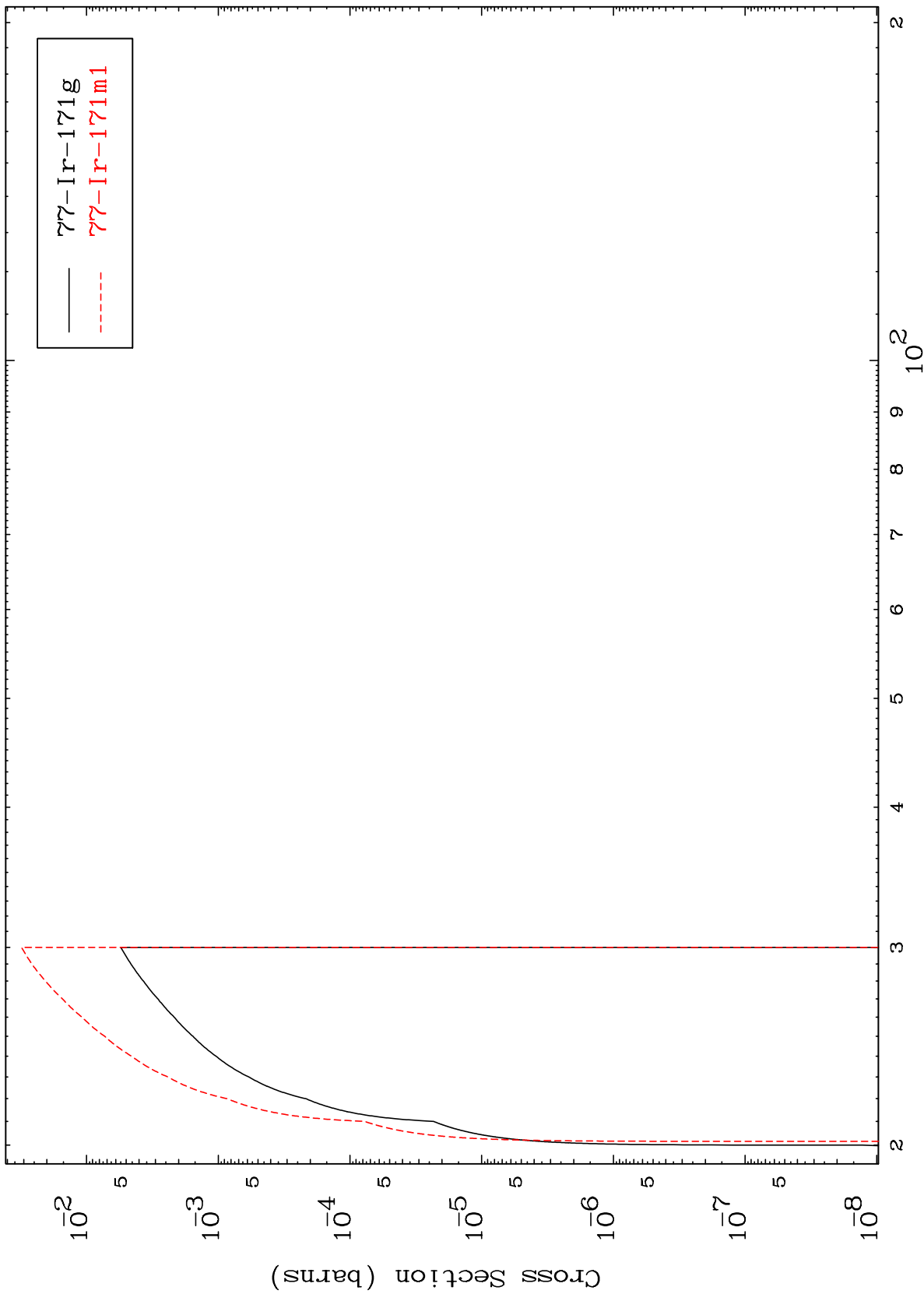
Incident Energy (MeV)

⁷⁷Ir-173m

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⁷⁷Ir-173m

(n,3n)
Radionuclide Production Cross Section



⁷⁷Ir-173m

Incident Energy (MeV)

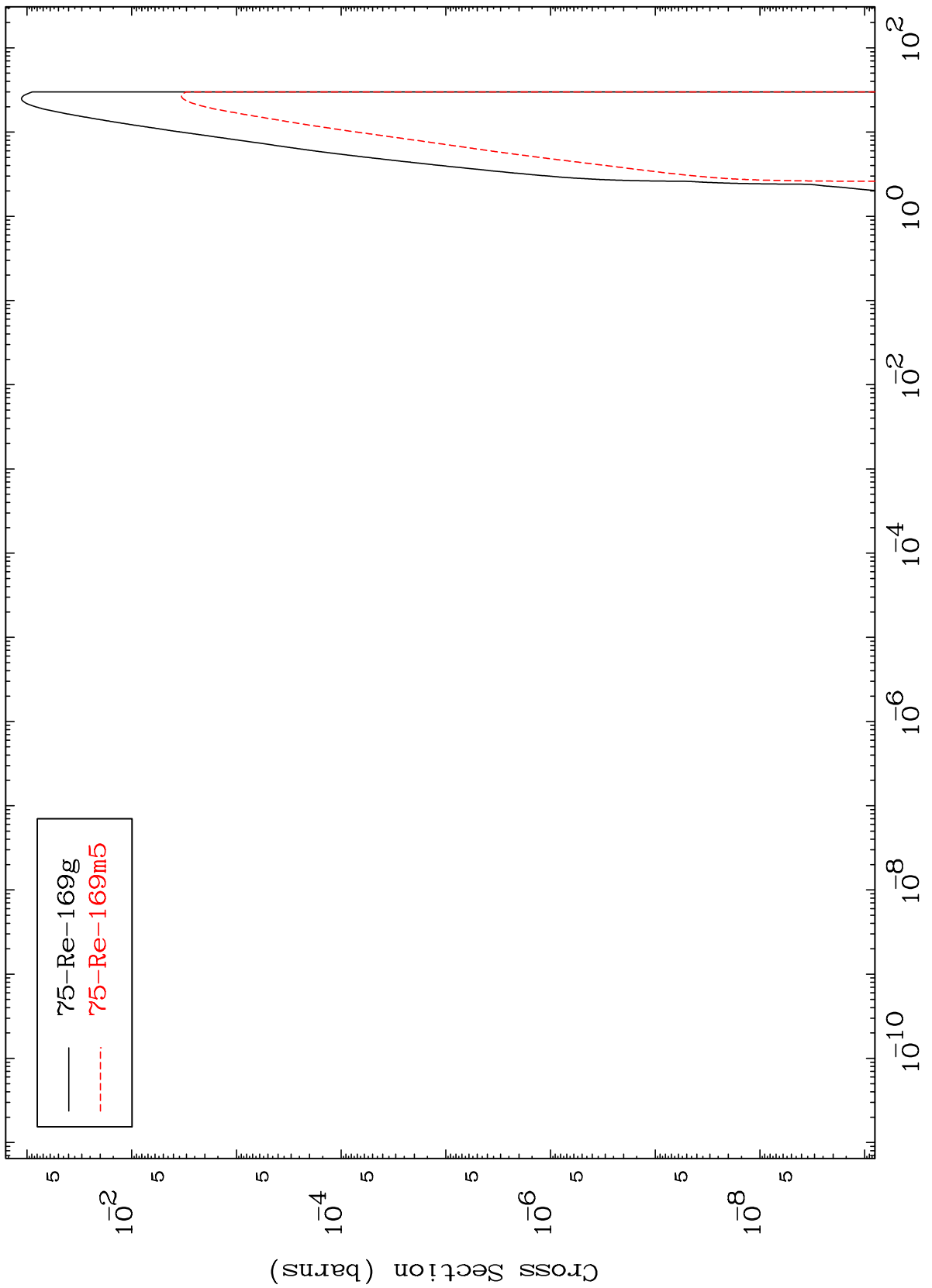
21

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(n,n') α

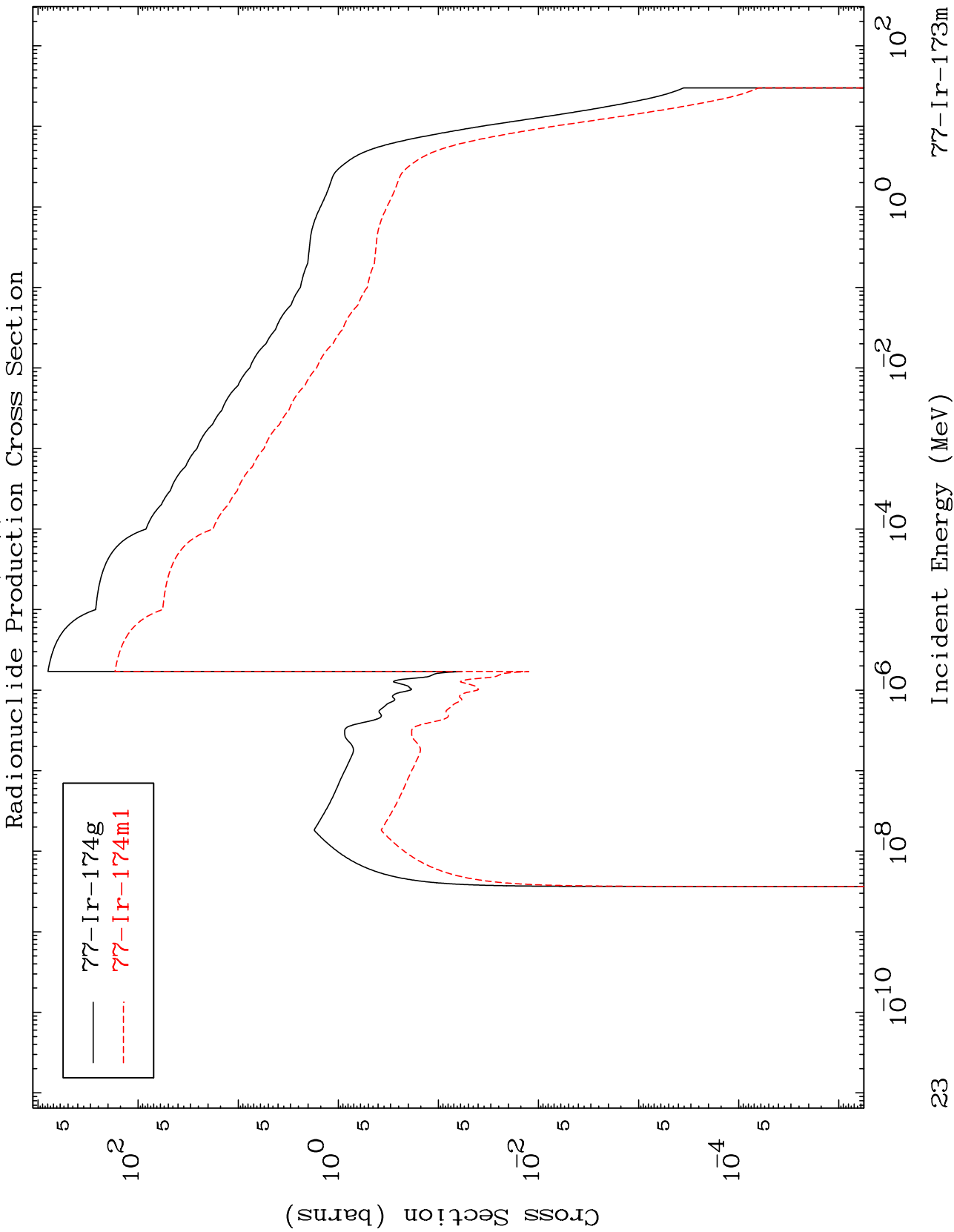
⁷⁷Ir-173m

Radionuclide Production Cross Section



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$^{77}\text{Ir-173m}$

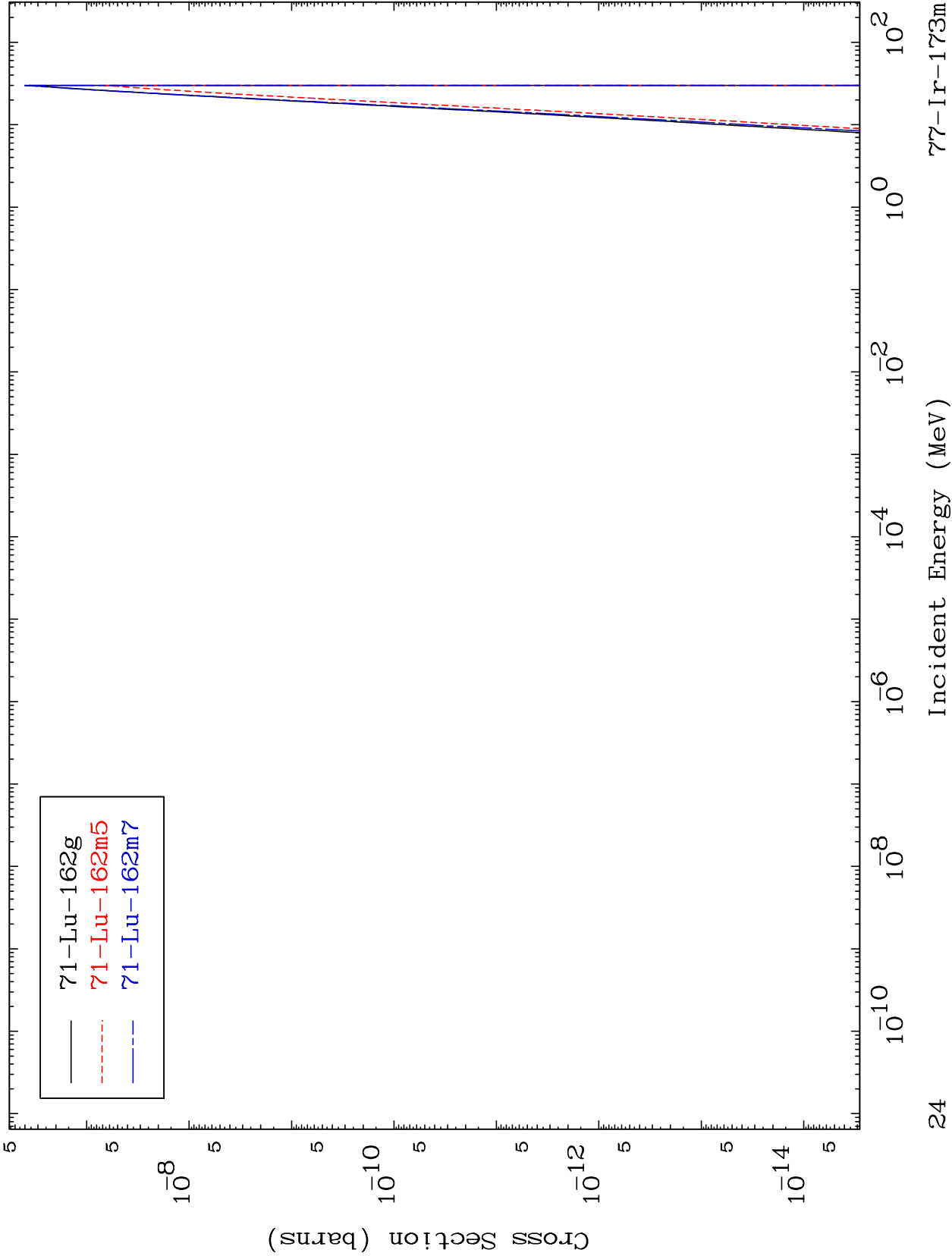


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(n, 3 α)

⁷⁷Ir-173m

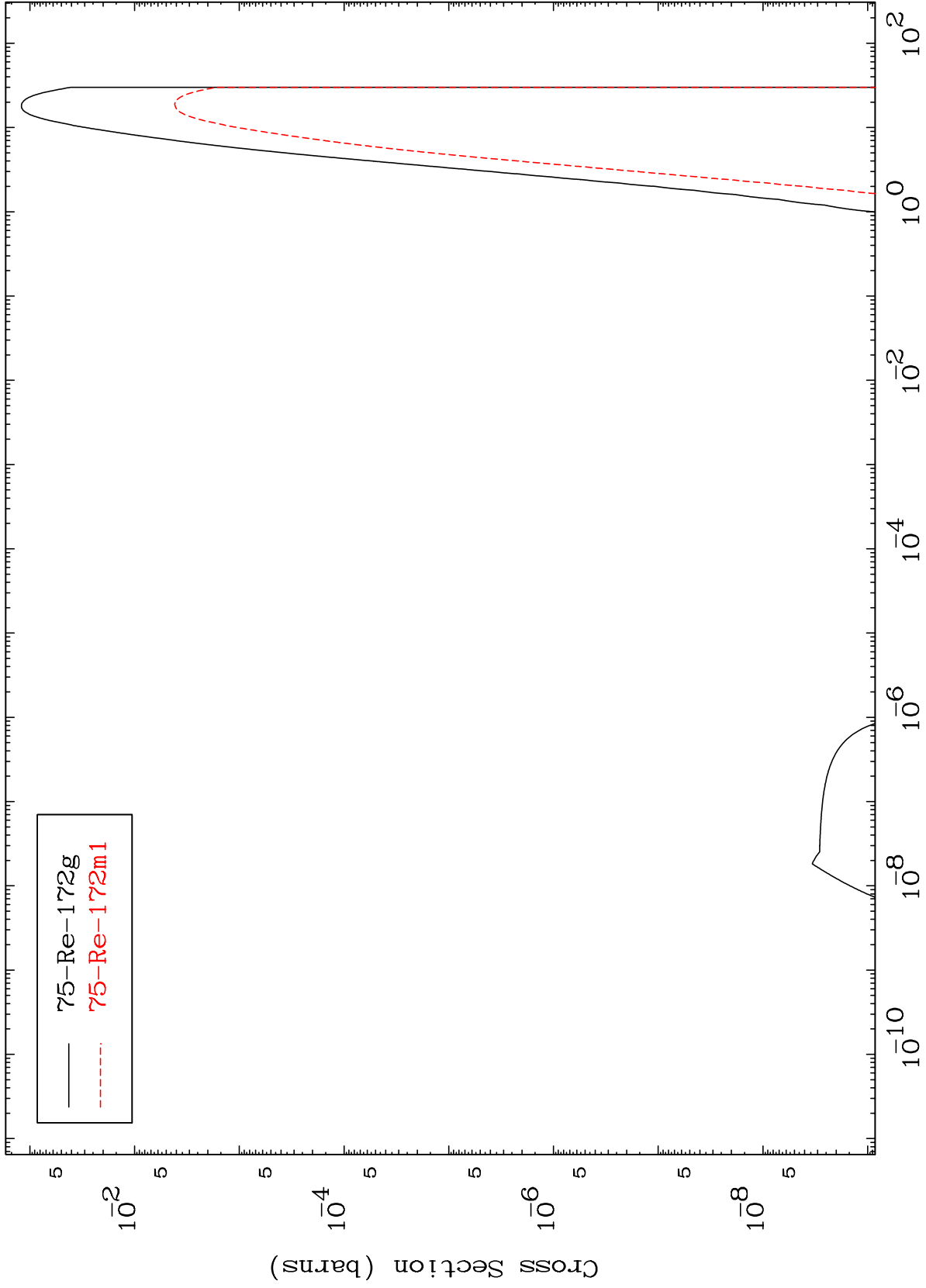
Radionuclide Production Cross Section



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Radionuclide Production Cross Section
(n,2p)

⁷⁷Ir-173m



25

⁷⁷Ir-173m