

Program EVALPLOT
(Version 2021-1)

by

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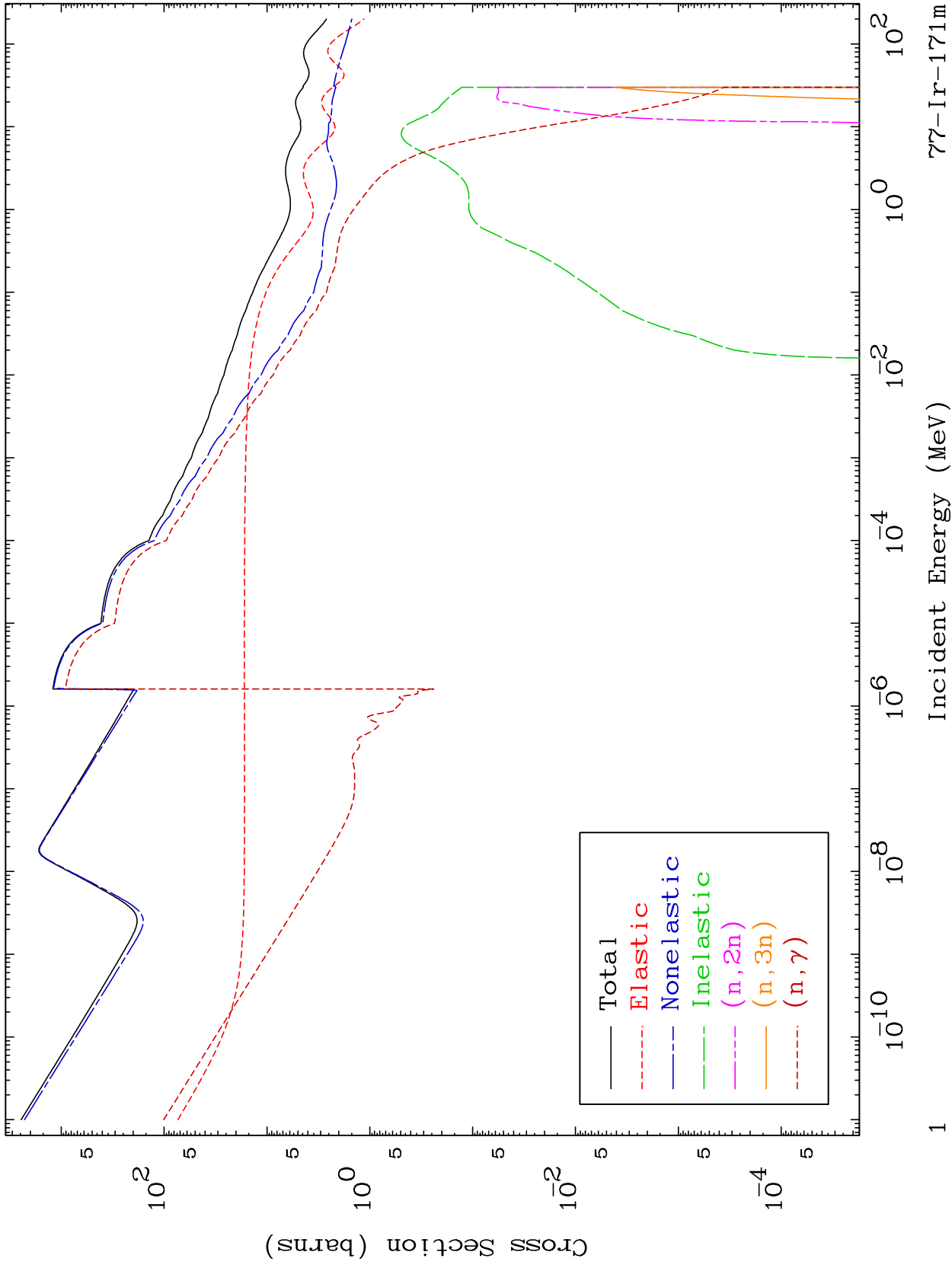
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7666

Neutron Major
293 Kelvin Cross Sections

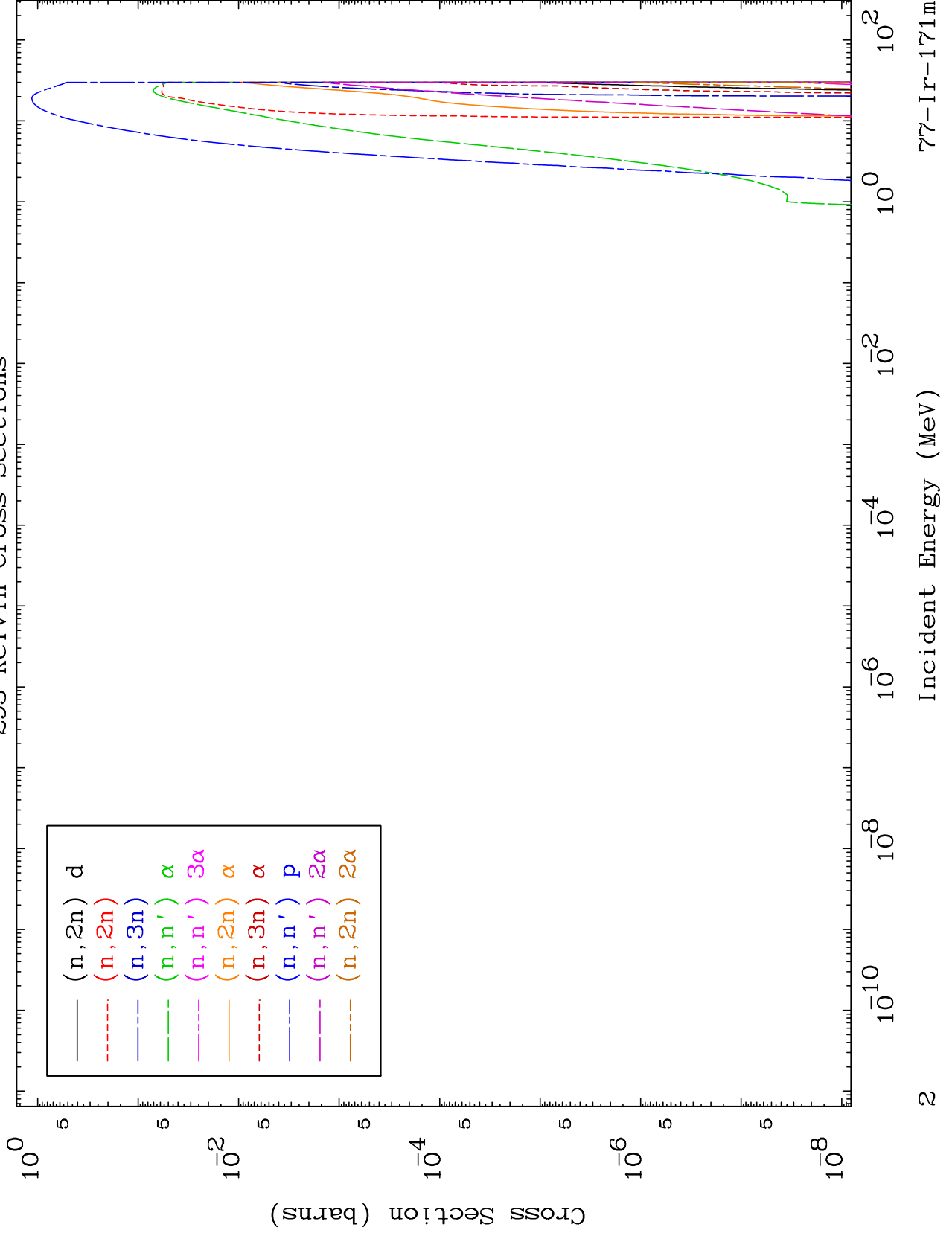
77-Ir-171m



MAT 7666

Neutron Absorption
293 Kelvin Cross Sections

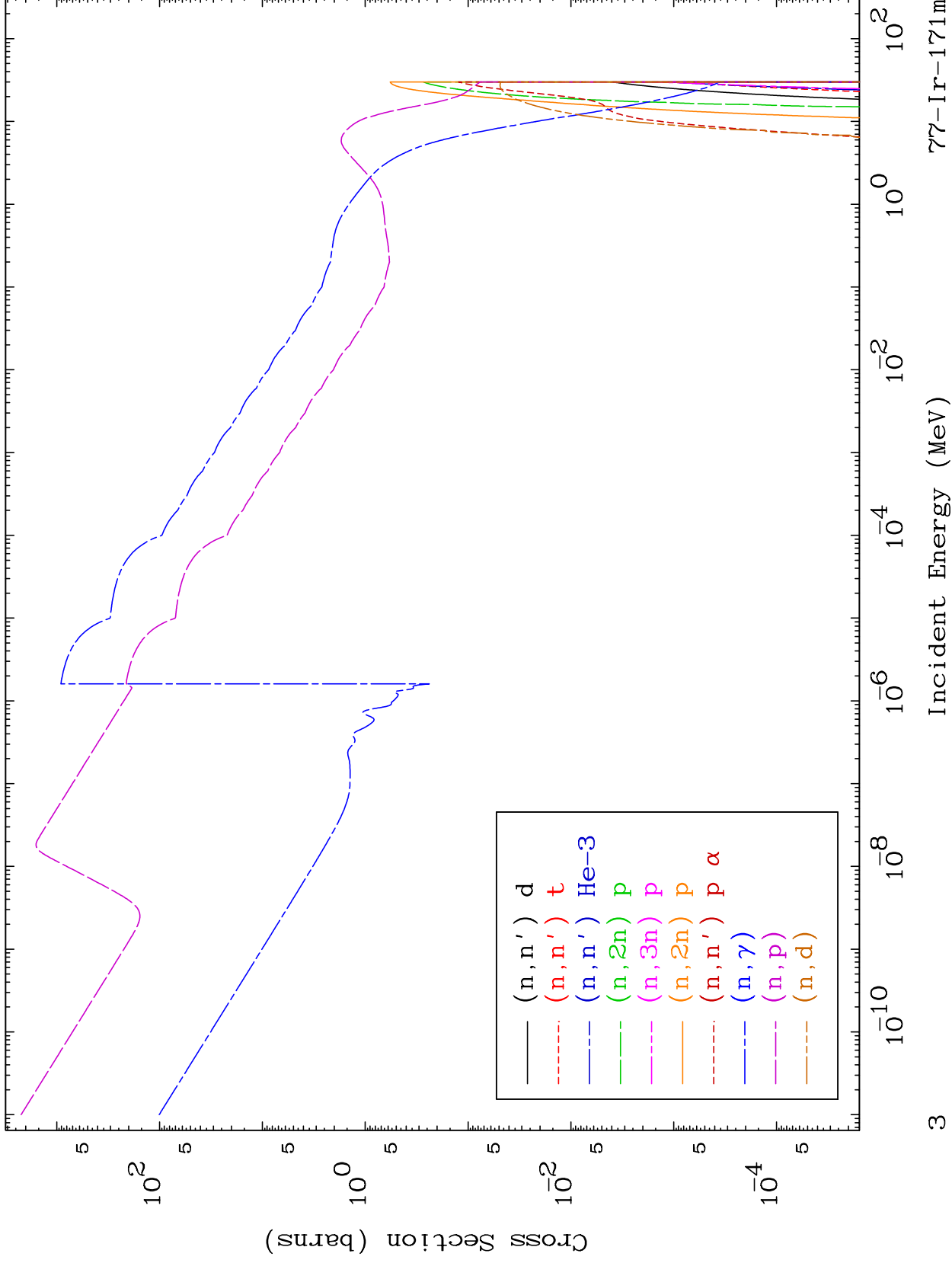
77-Ir-171m



MAT 7666

Neutron Absorption
293 Kelvin Cross Sections

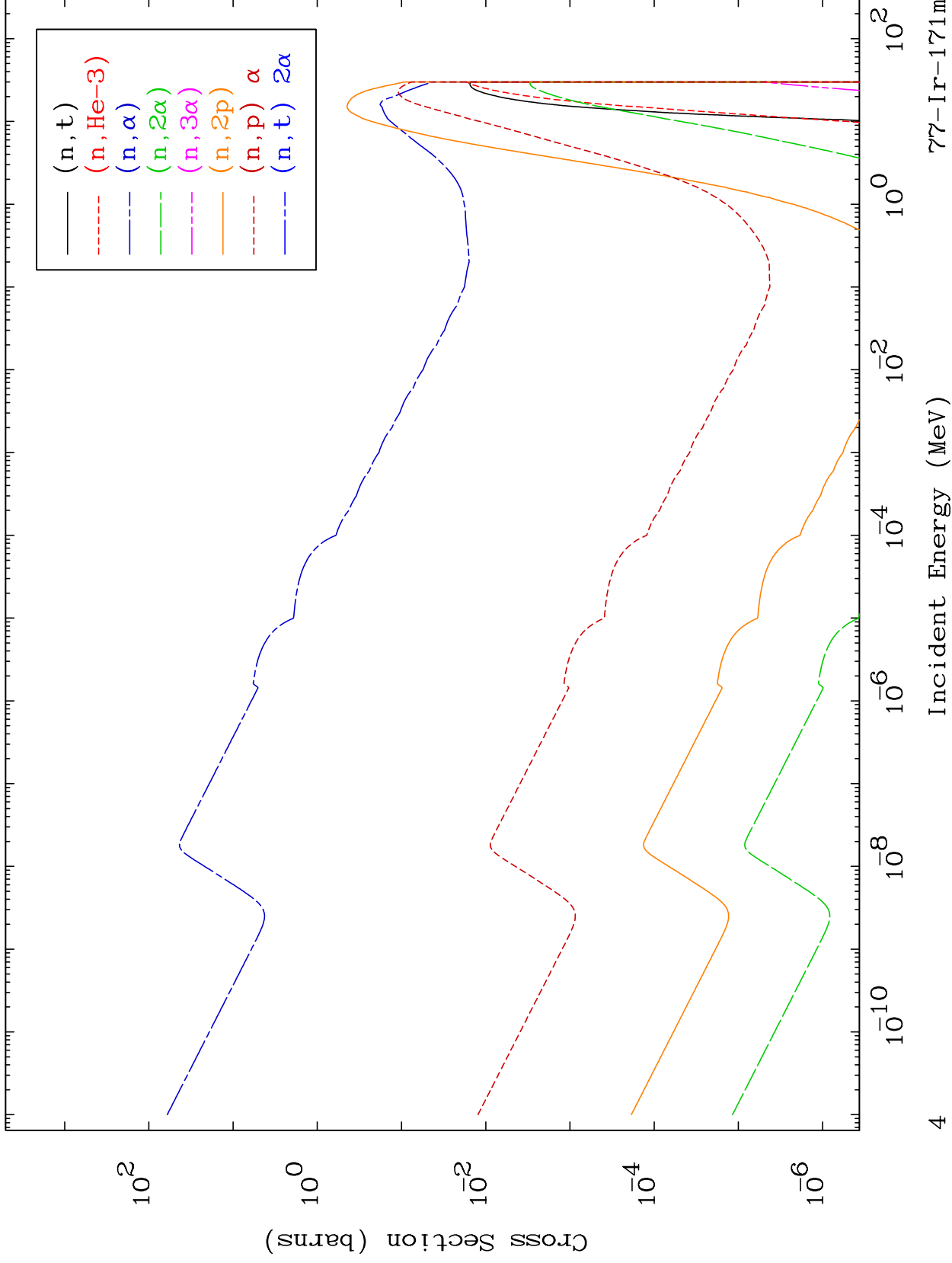
77-Ir-171m



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Neutron Absorption
293 Kelvin Cross Sections

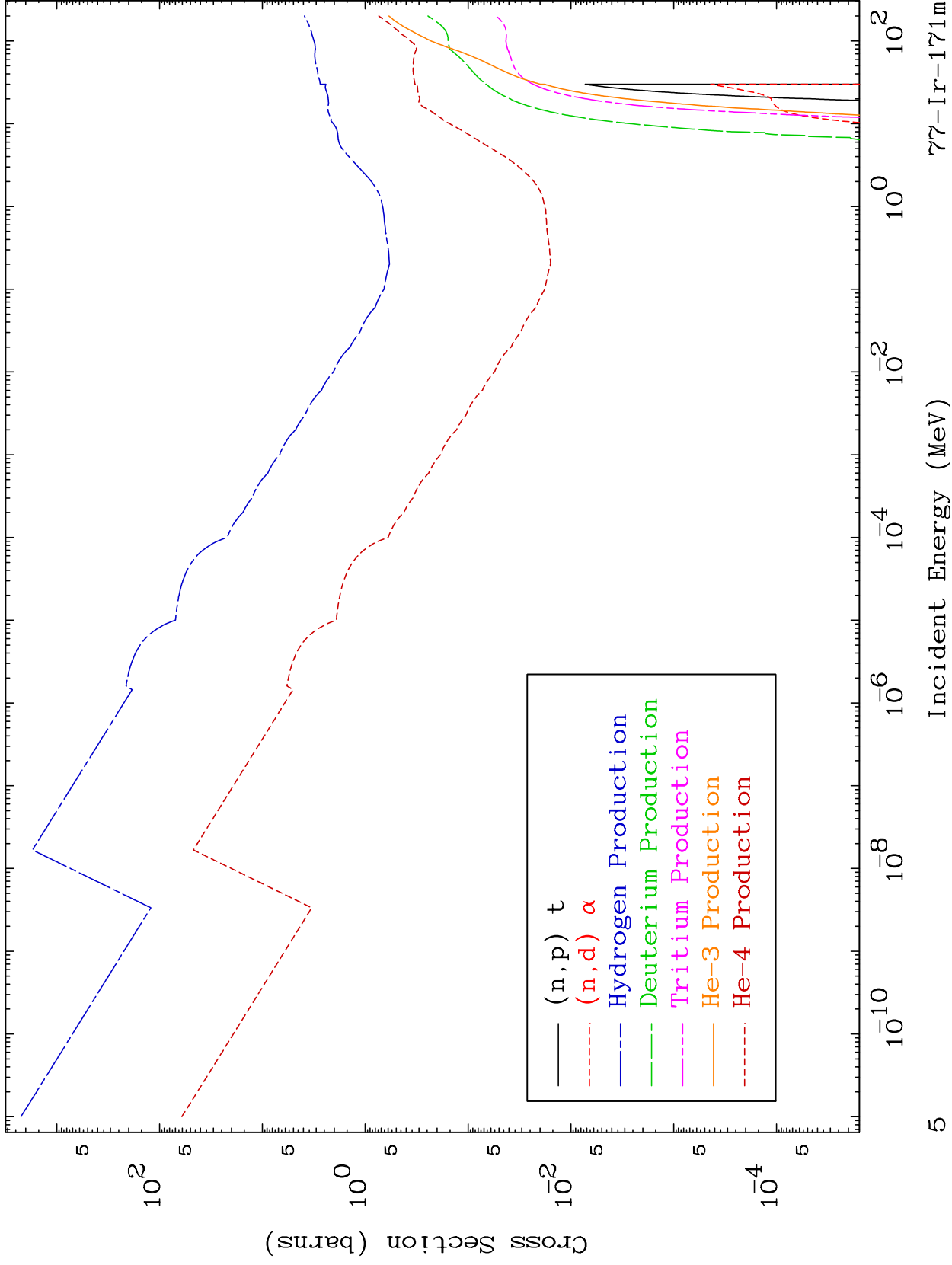
77-Ir-171m



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Neutron Absorption
293 Kelvin Cross Sections

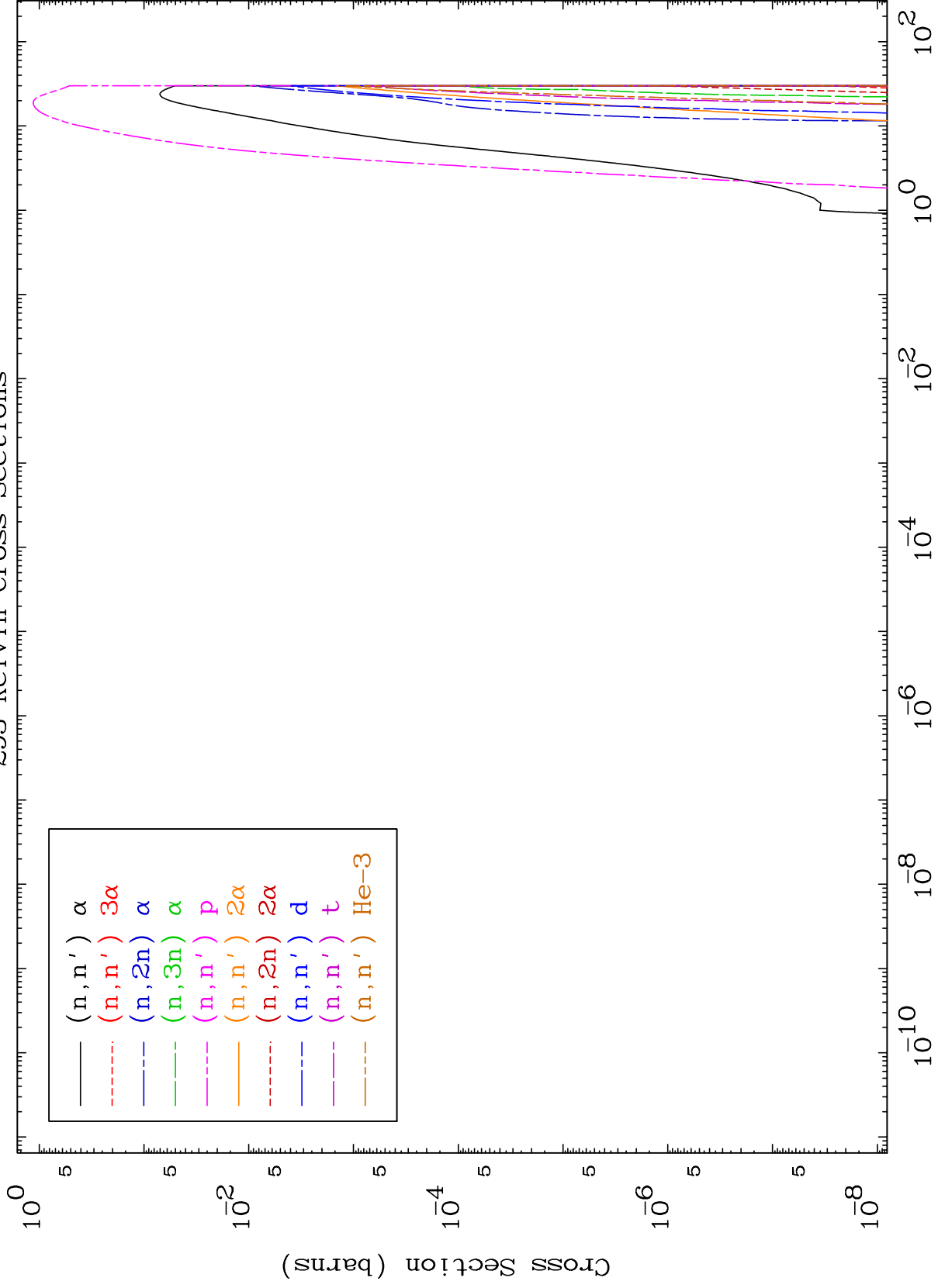
77-Ir-171m



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Charged Particle
293 Kelvin Cross Sections

77-Ir-171m



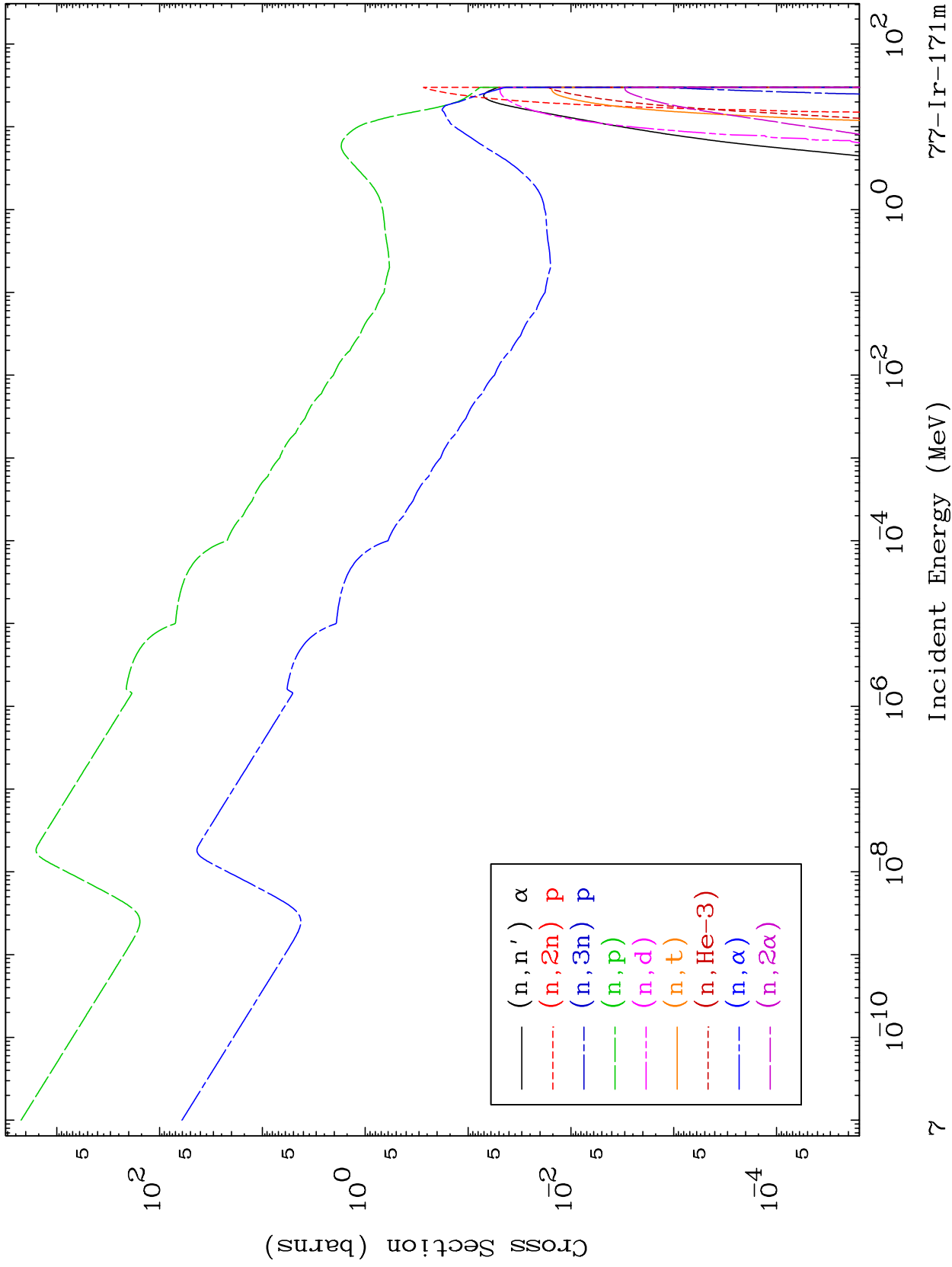
77-Ir-171m

Incident Energy (MeV)

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Charged Particle
293 Kelvin Cross Sections

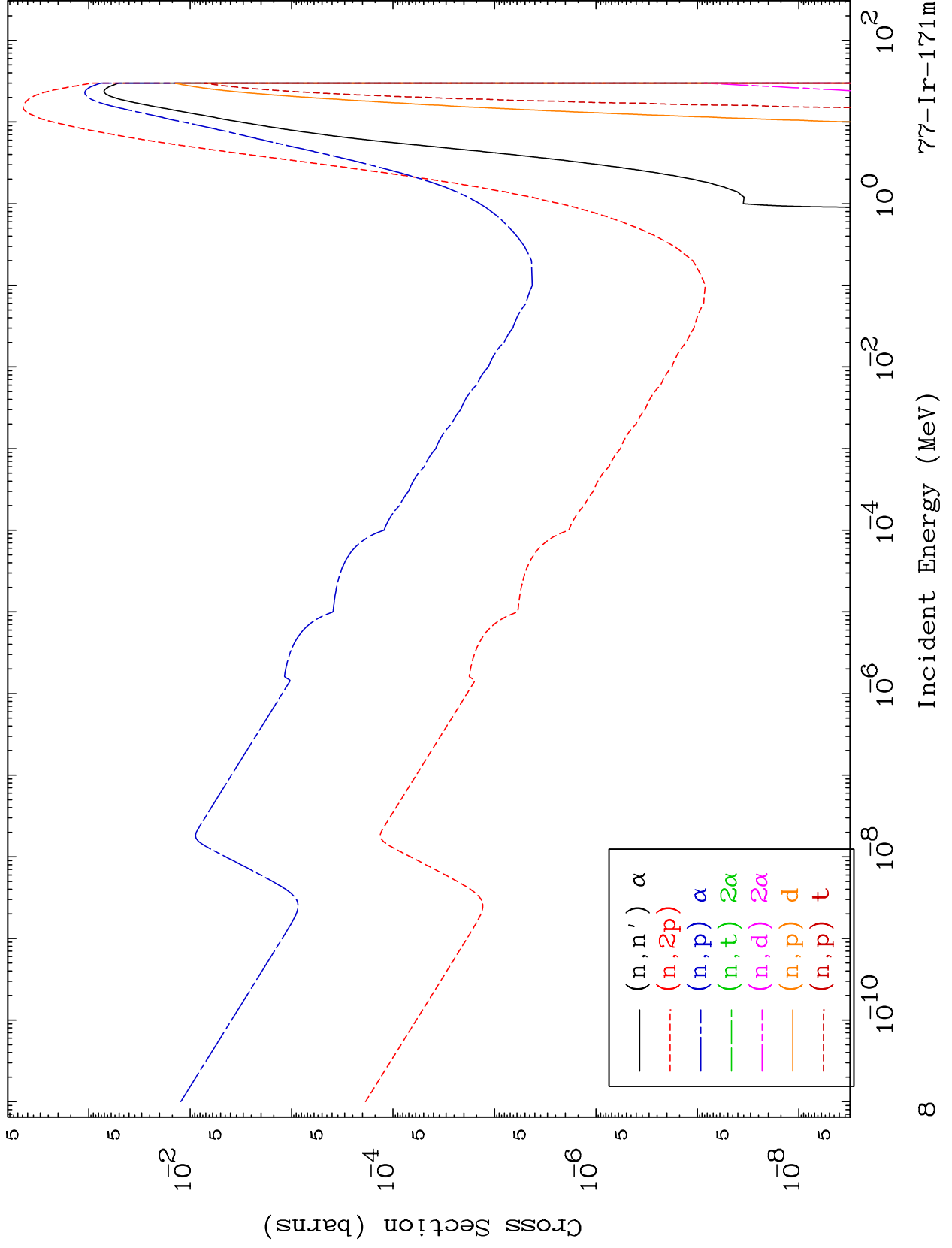
77-Ir-171m



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Charged Particle
293 Kelvin Cross Sections

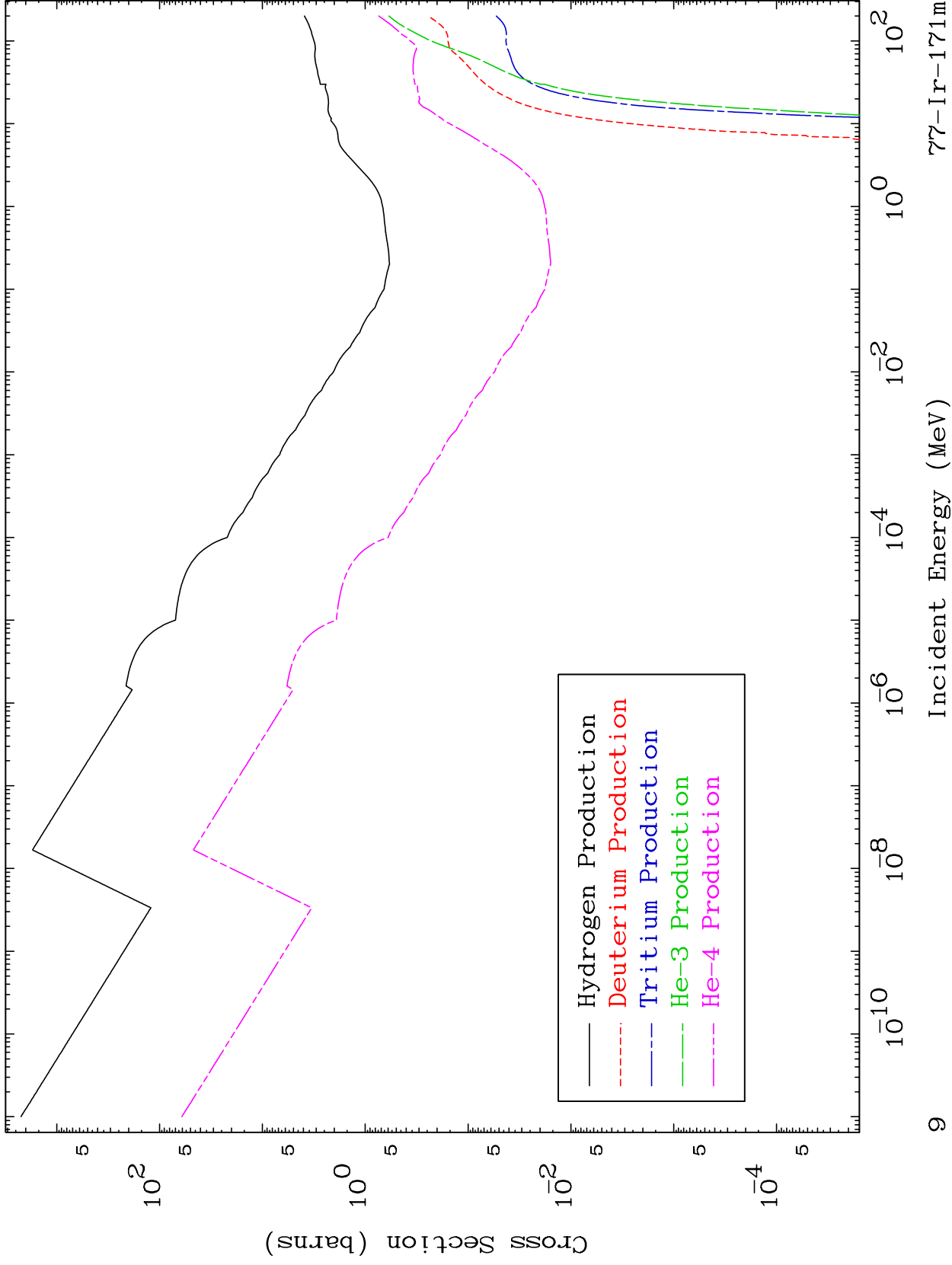
77-Ir-171m



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Particle Production
293 Kelvin Cross Sections

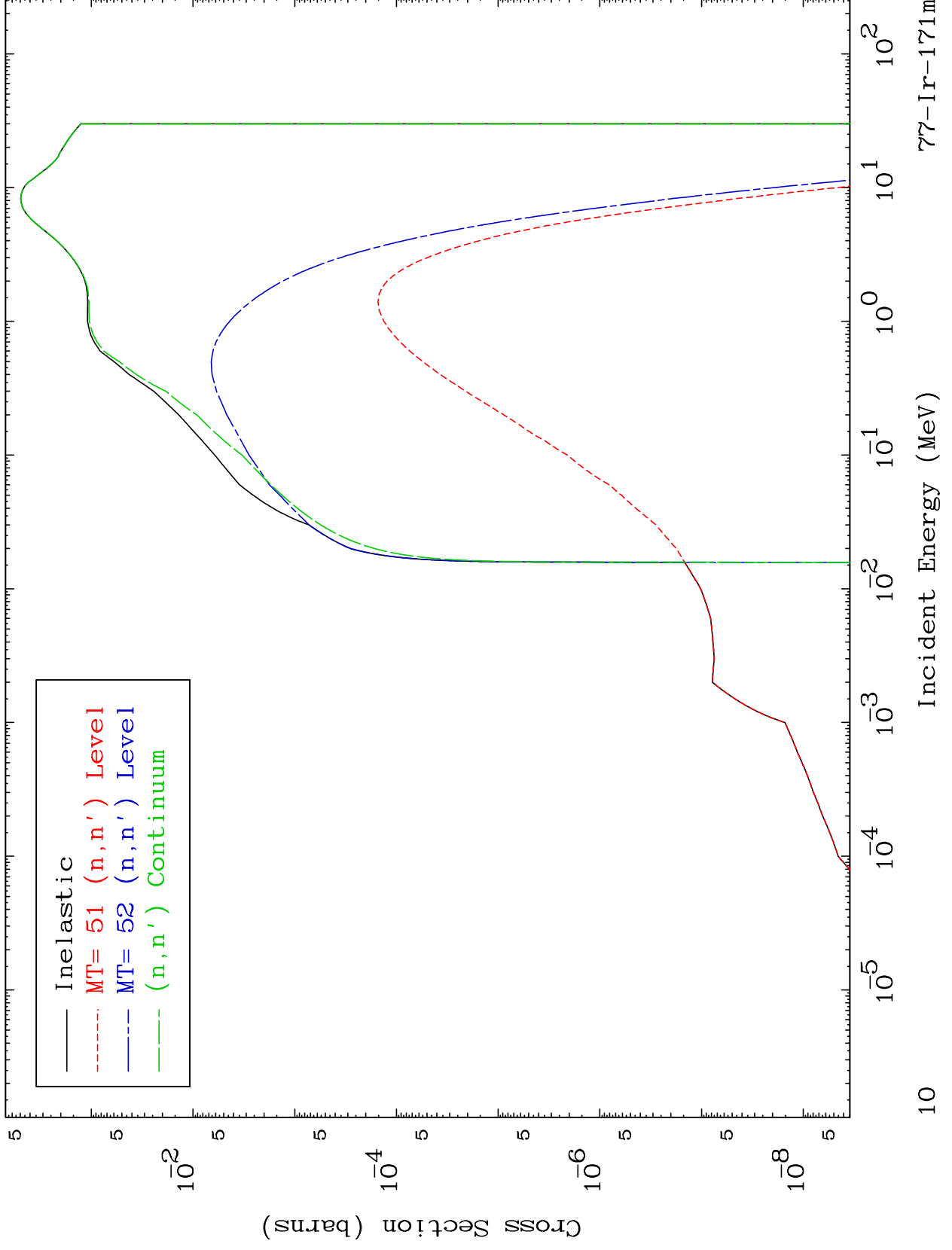
77-Ir-171m



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(n,n') Levels
293 Kelvin Cross Sections

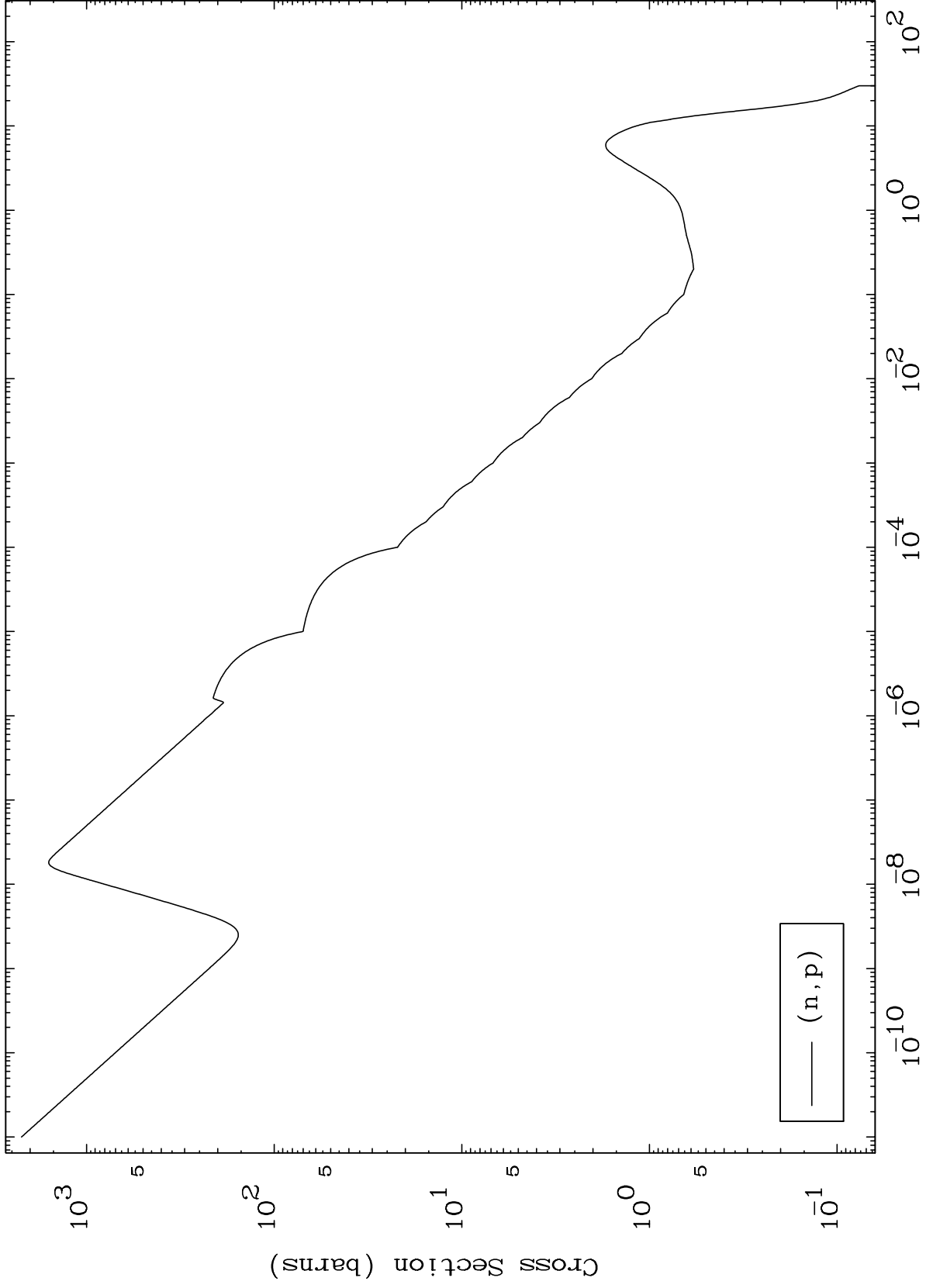
77-Ir-171m



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(n,p) Levels
293 Kelvin Cross Sections

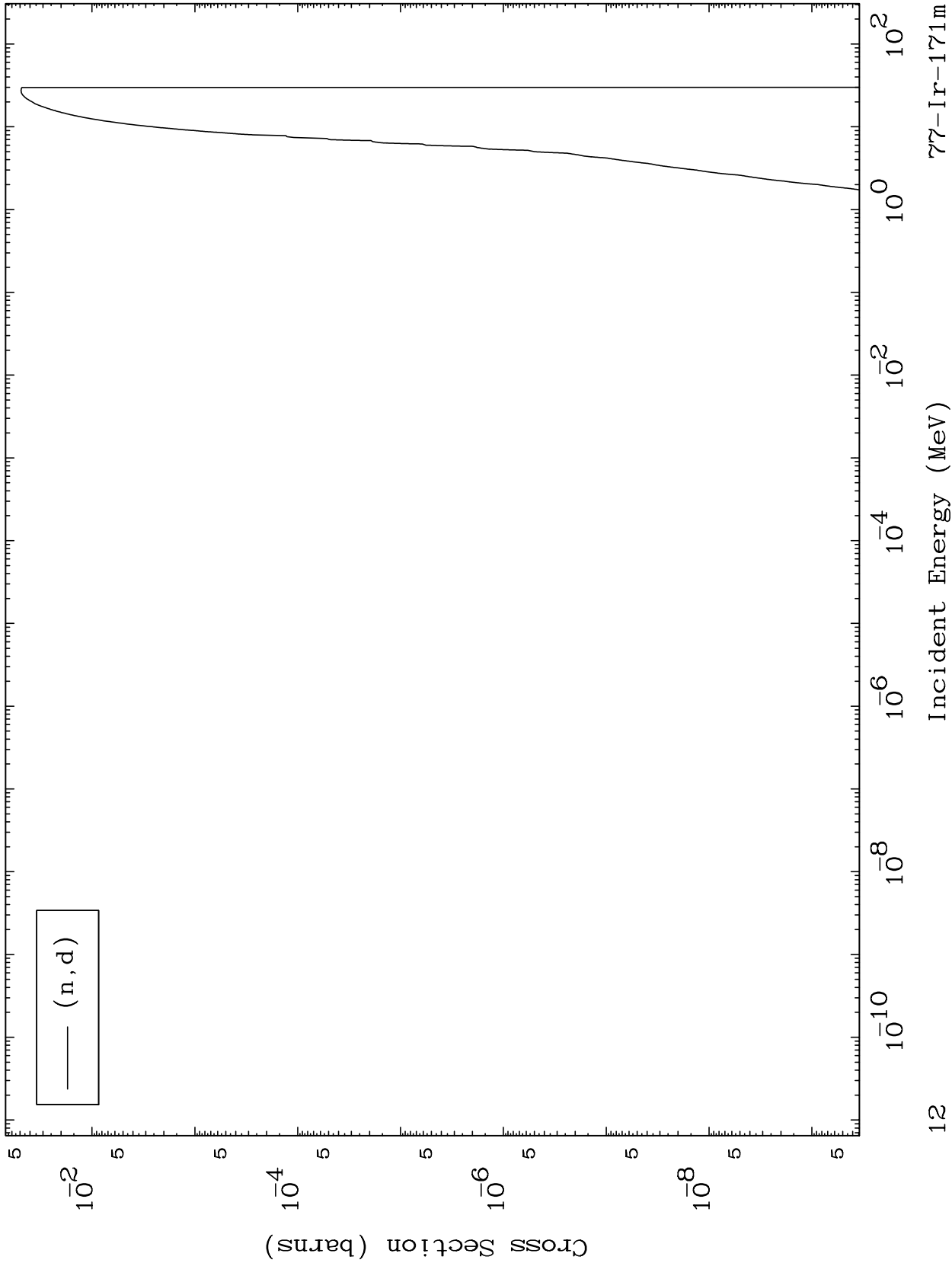
77-Ir-171m



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(n,d) Levels
293 Kelvin Cross Sections

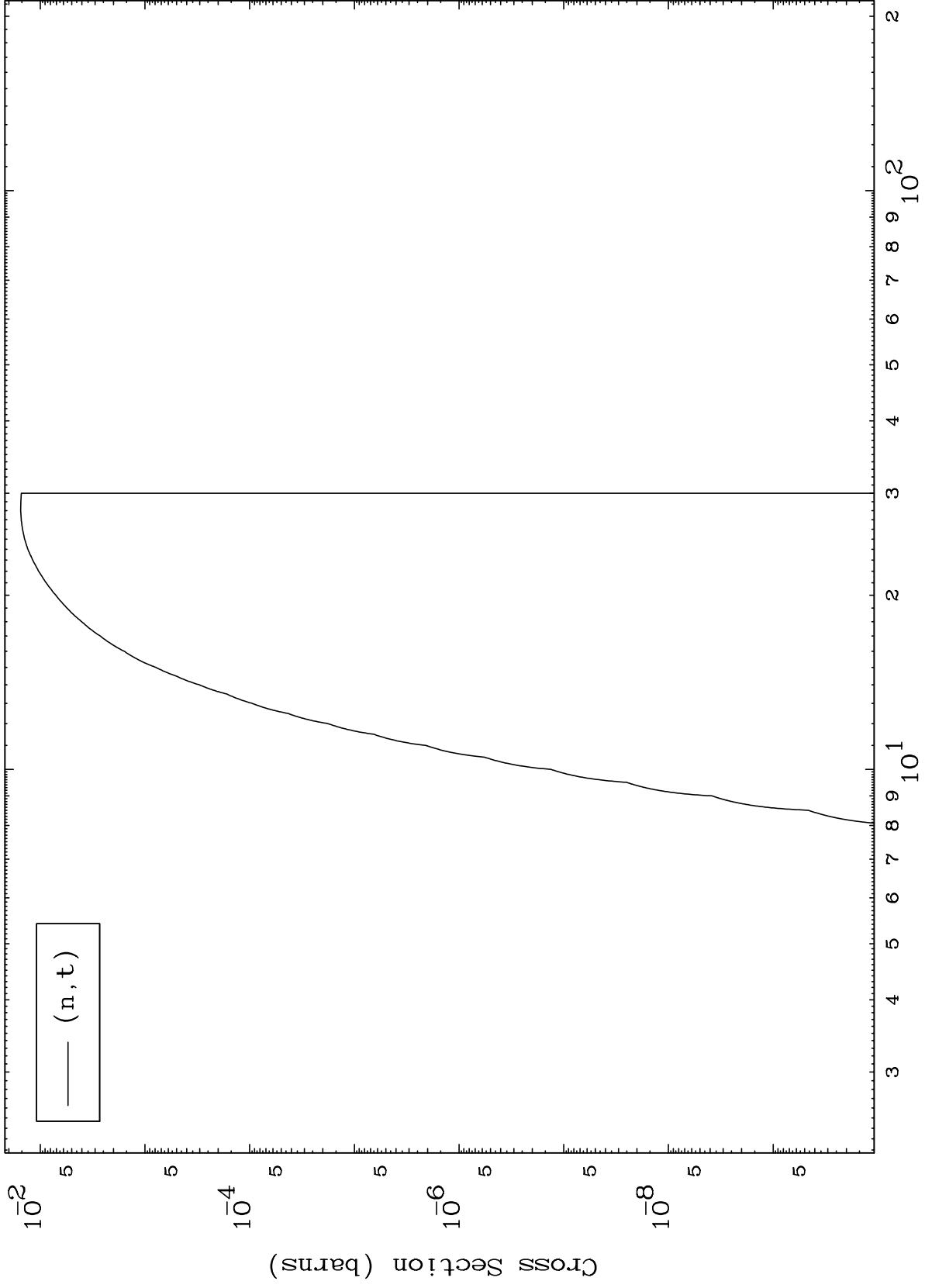
77-Ir-171m



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(n,t) Levels
293 Kelvin Cross Sections

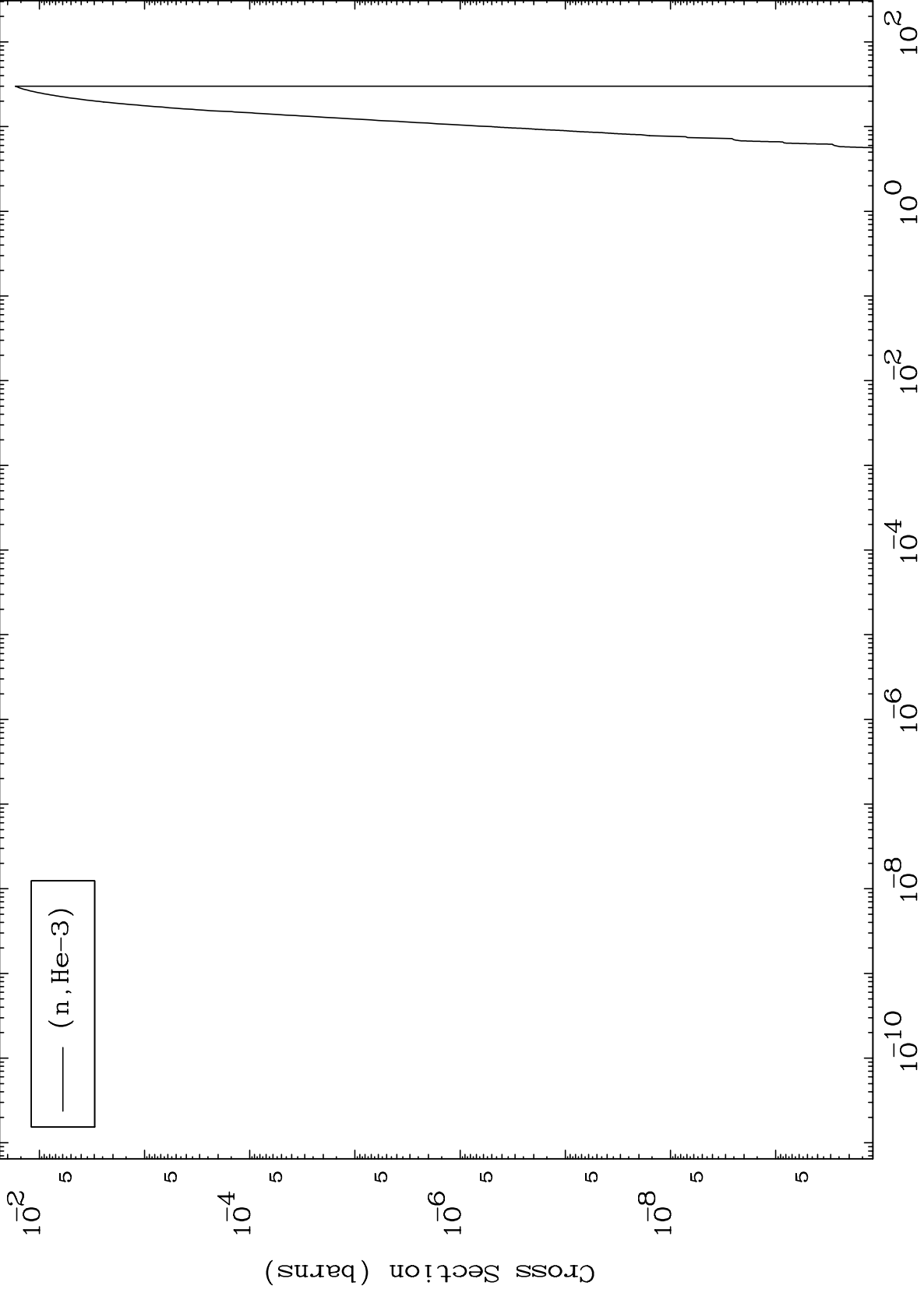
77-Ir-171m



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(n,He3) Levels
293 Kelvin Cross Sections

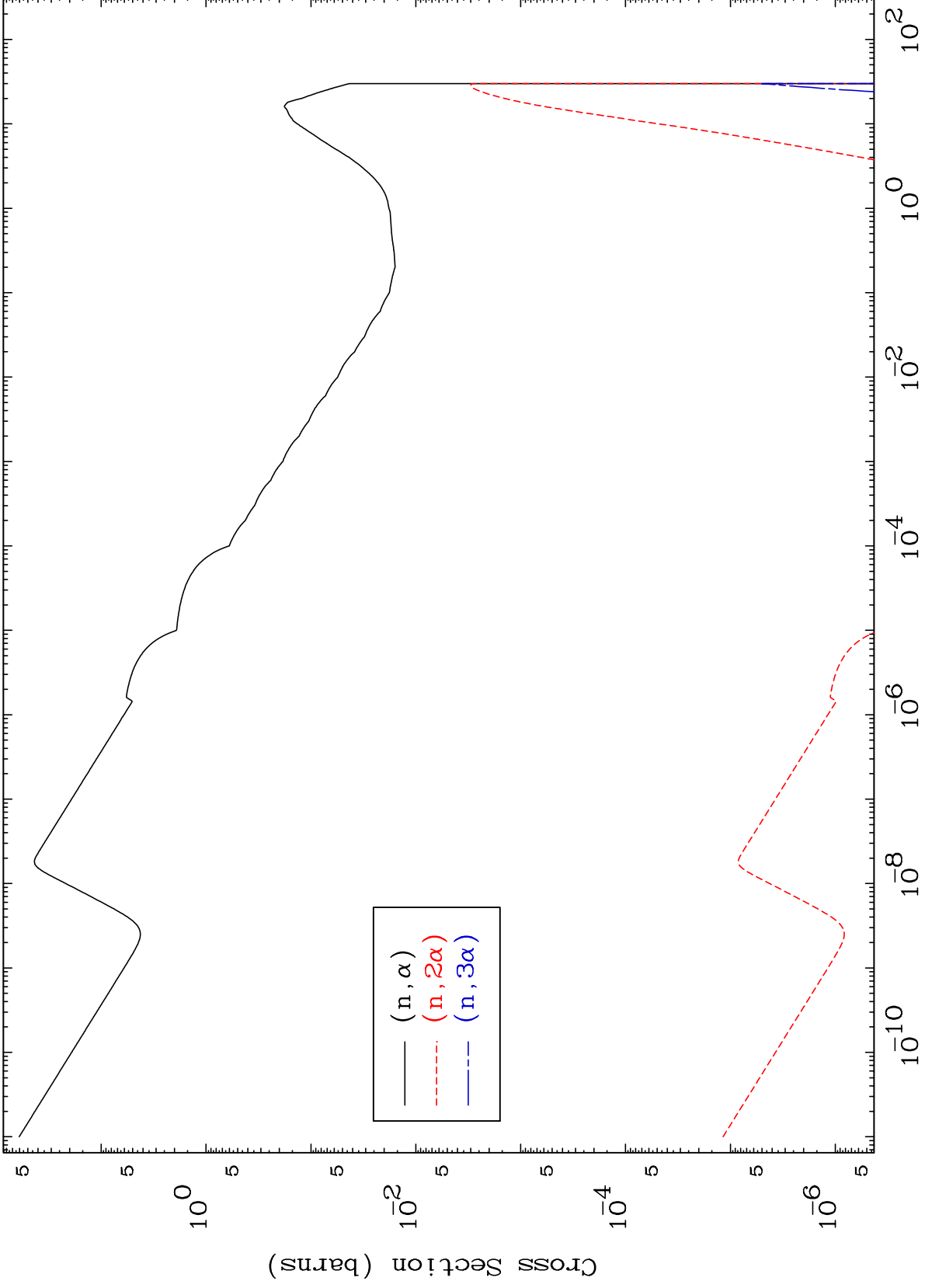
77-Ir-171m



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(n, α) Levels
293 Kelvin Cross Sections

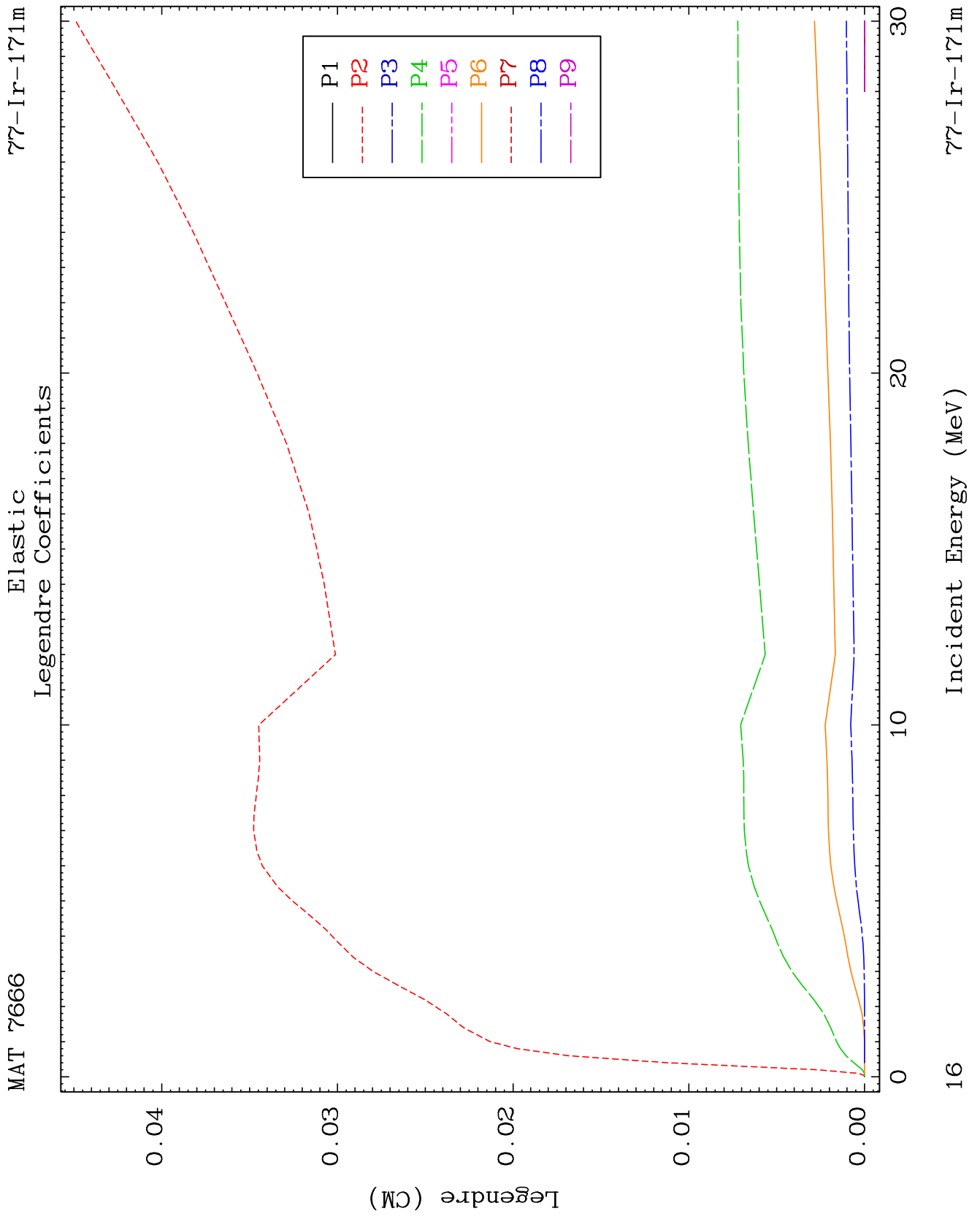
77-Ir-171m



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Incident Energy (MeV)

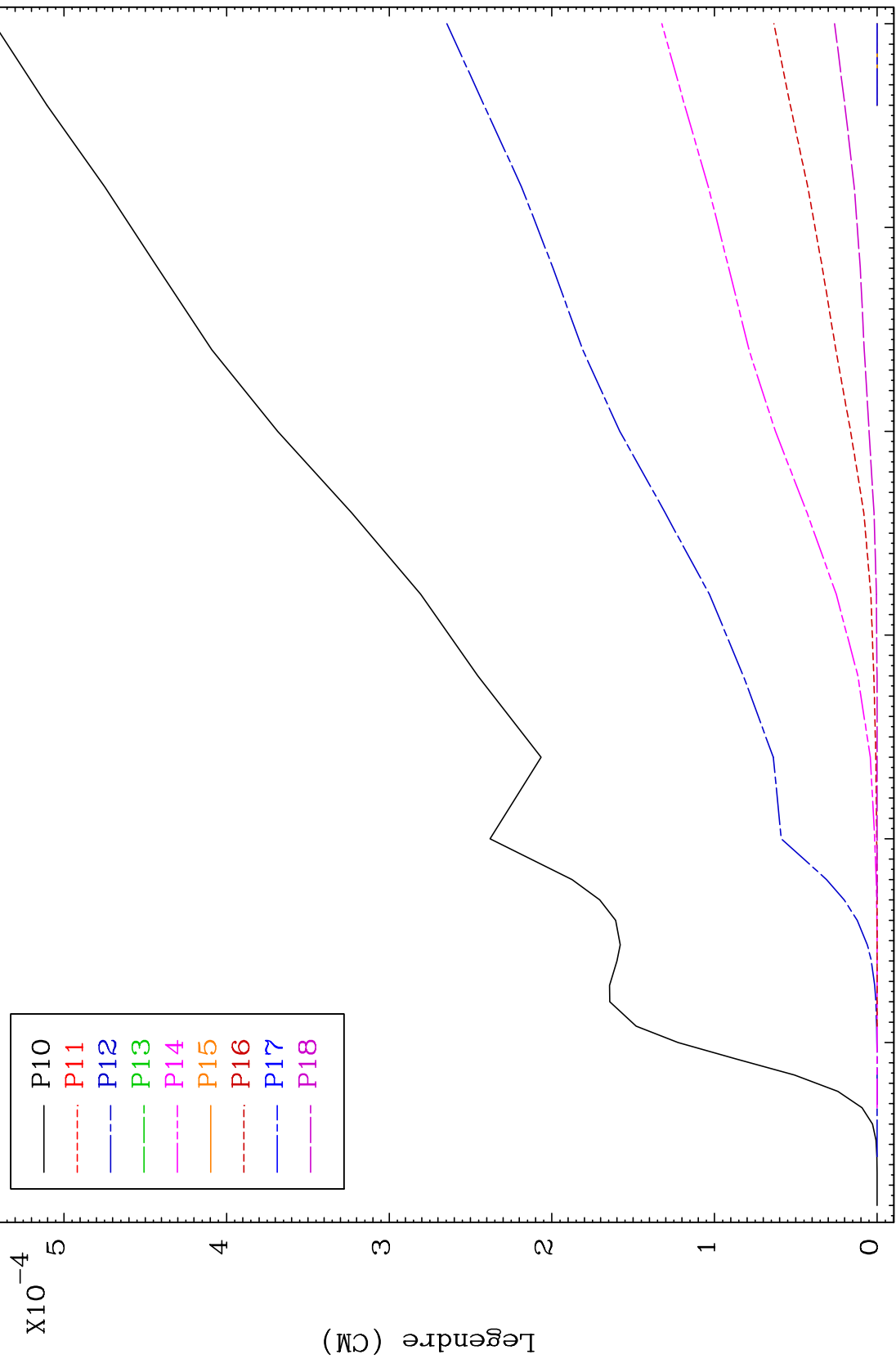
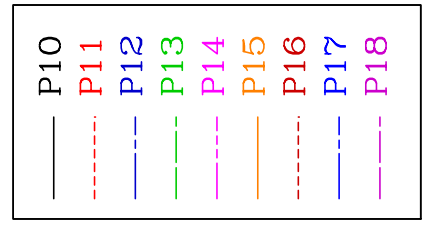
77-Ir-171m



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Elastic Legendre Coefficients

77-Ir-171m



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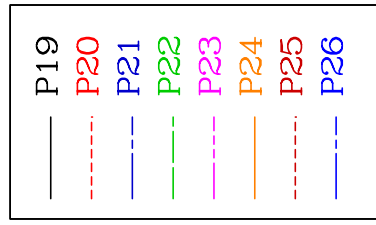
Incident Energy (MeV)

77-Ir-171m

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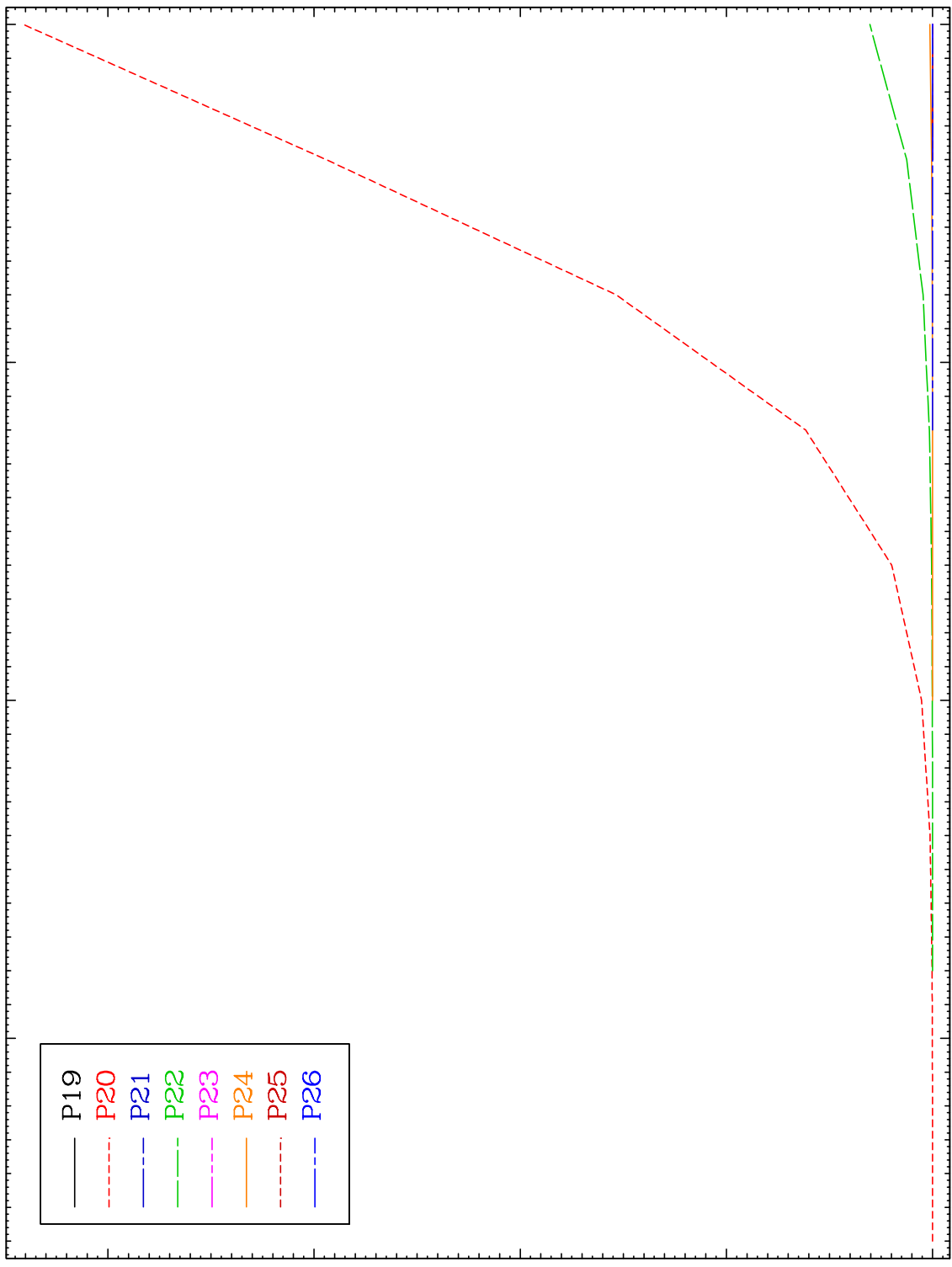
Elastic
Legendre Coefficients

77-Ir-171m



$\times 10^{-6}$

Legendre (CM)



18

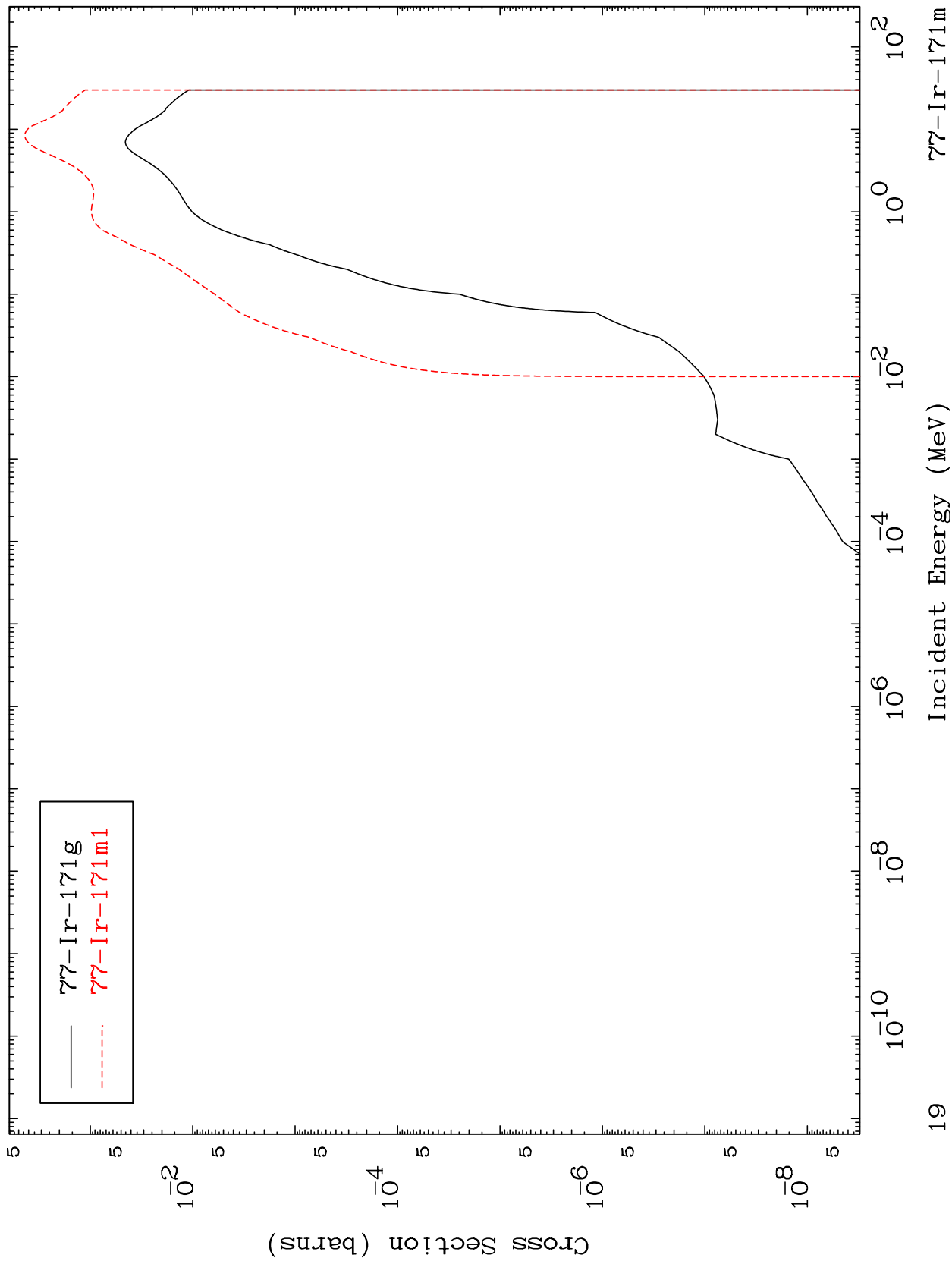
Incident Energy (MeV)

77-Ir-171m

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Inelastic
Radionuclide Production Cross Section

⁷⁷Ir-171m

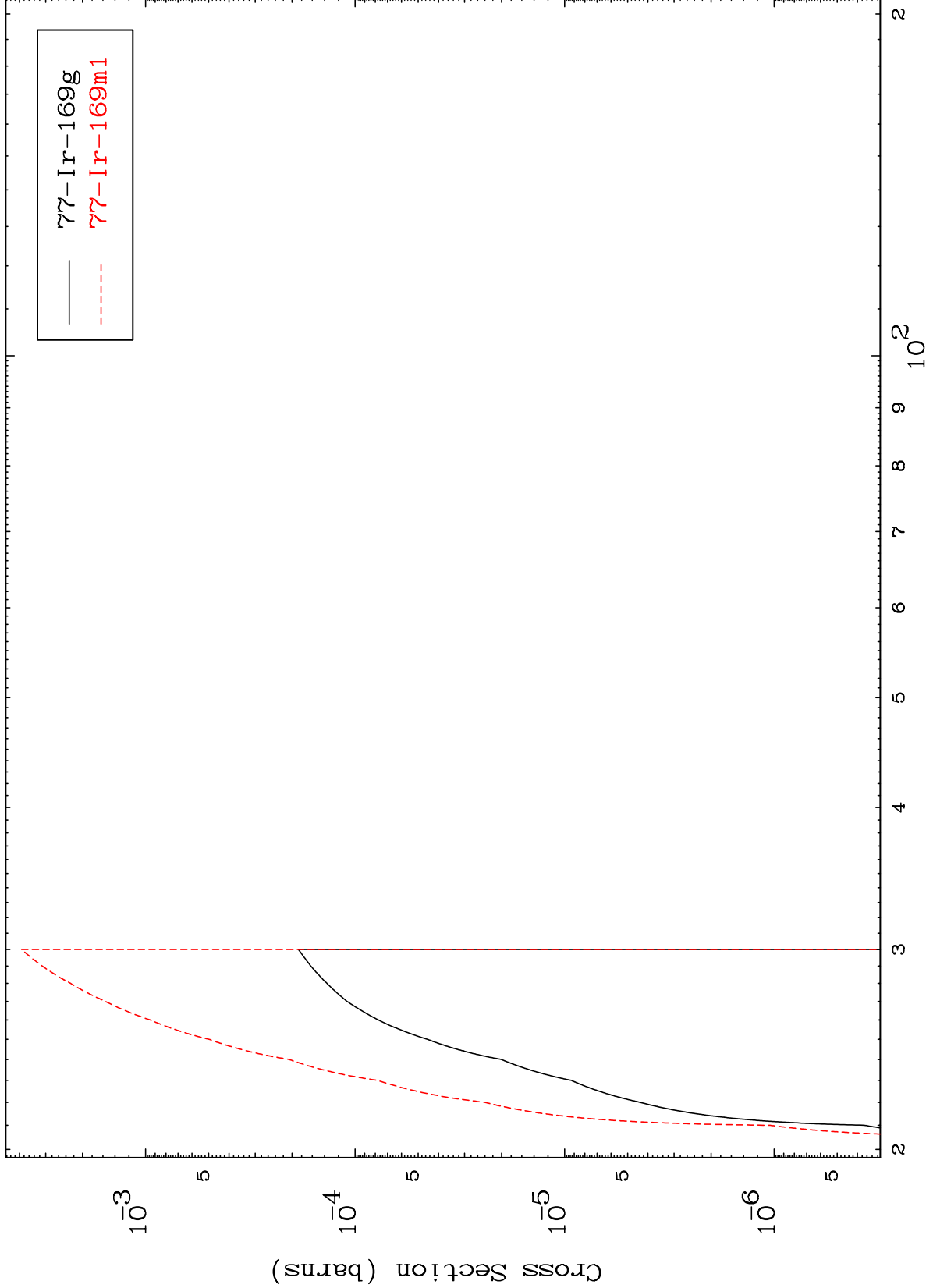


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(n,3n)

⁷⁷Ir-171m

Radionuclide Production Cross Section



⁷⁷Ir-171m

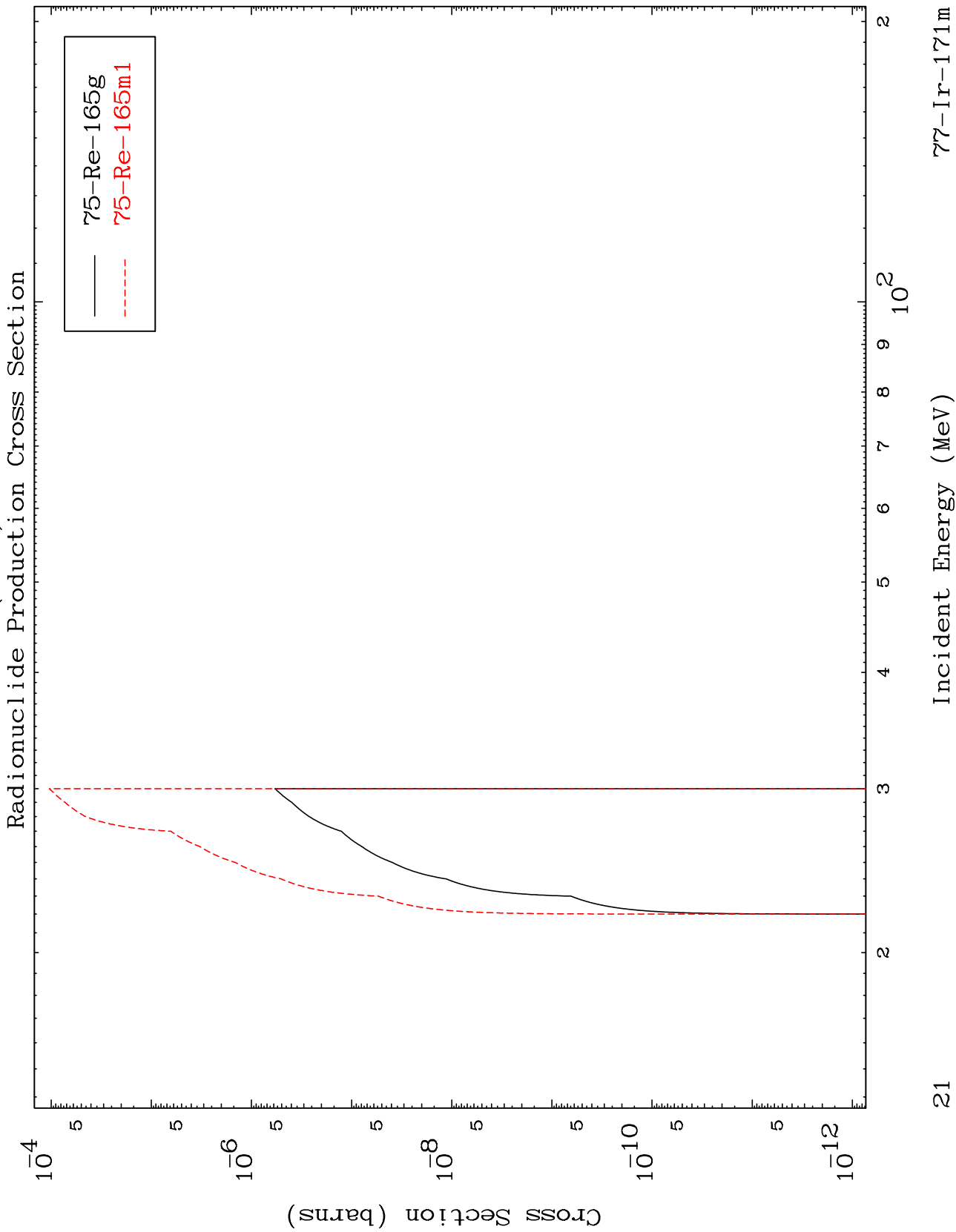
Incident Energy (MeV)

20

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(n,3n) α

⁷⁷Ir-171m

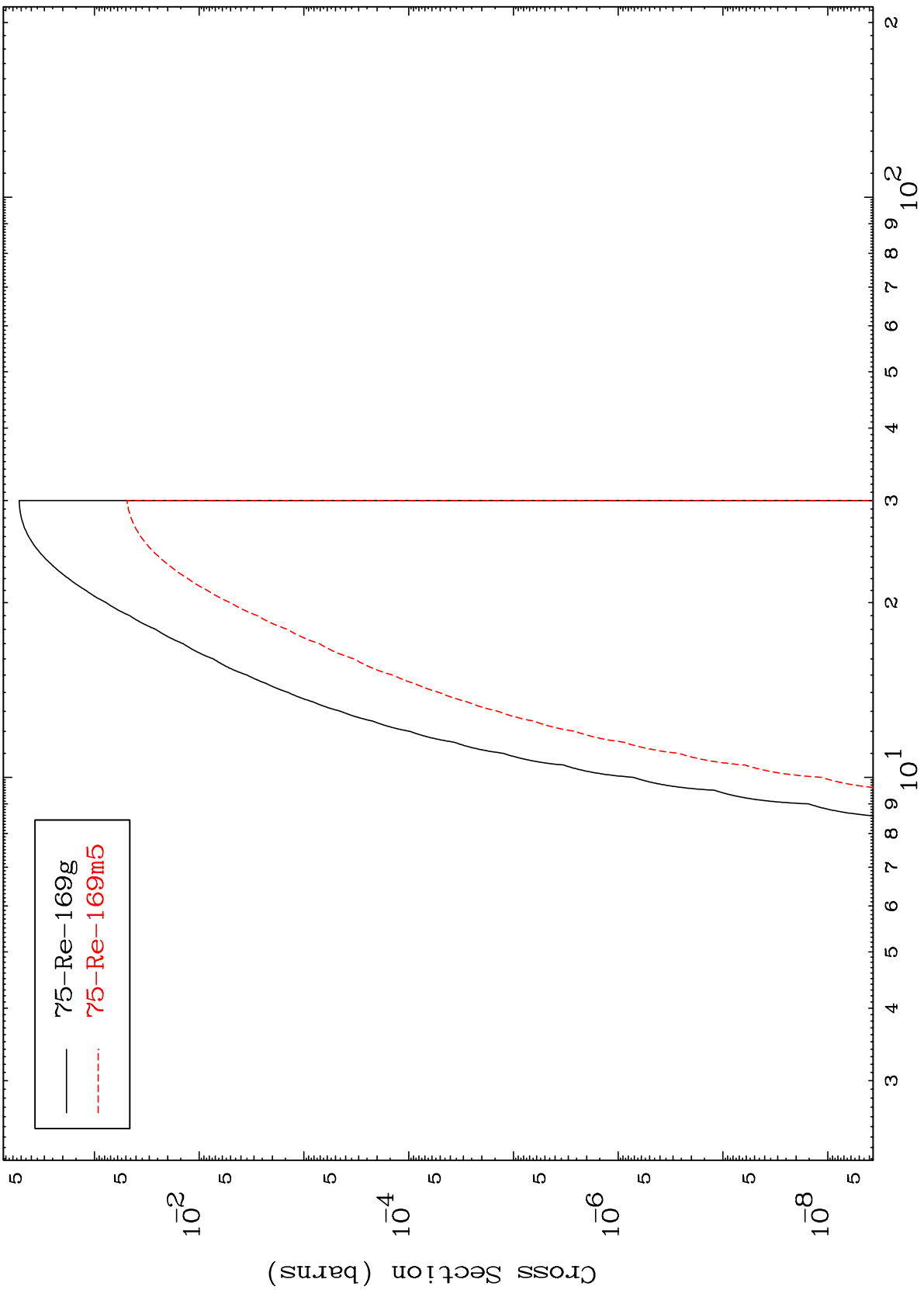


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(n,2n) p

⁷⁷Ir-171m

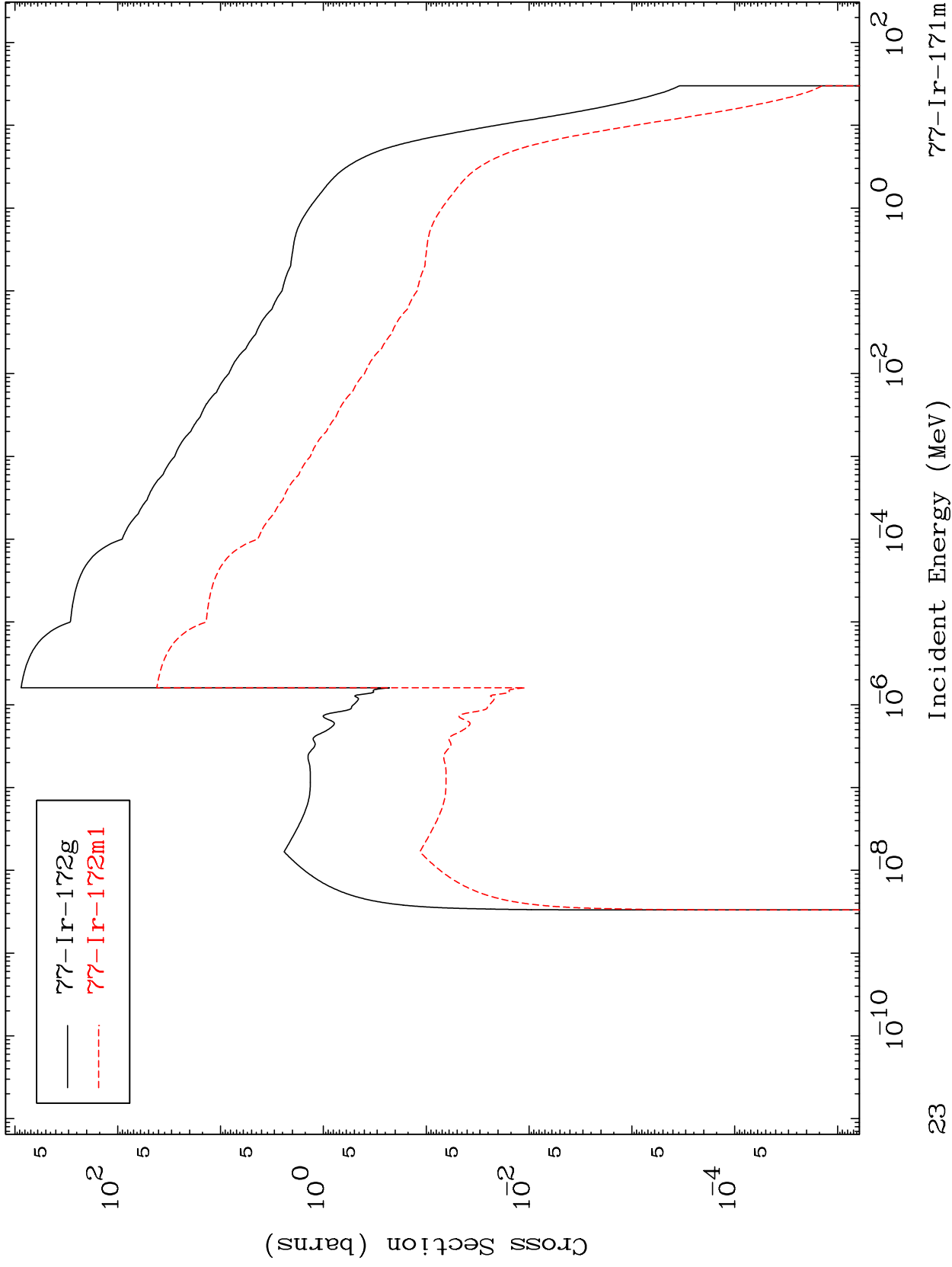
Radionuclide Production Cross Section



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⁷⁷Ir-171m

Radionuclide Production Cross Section

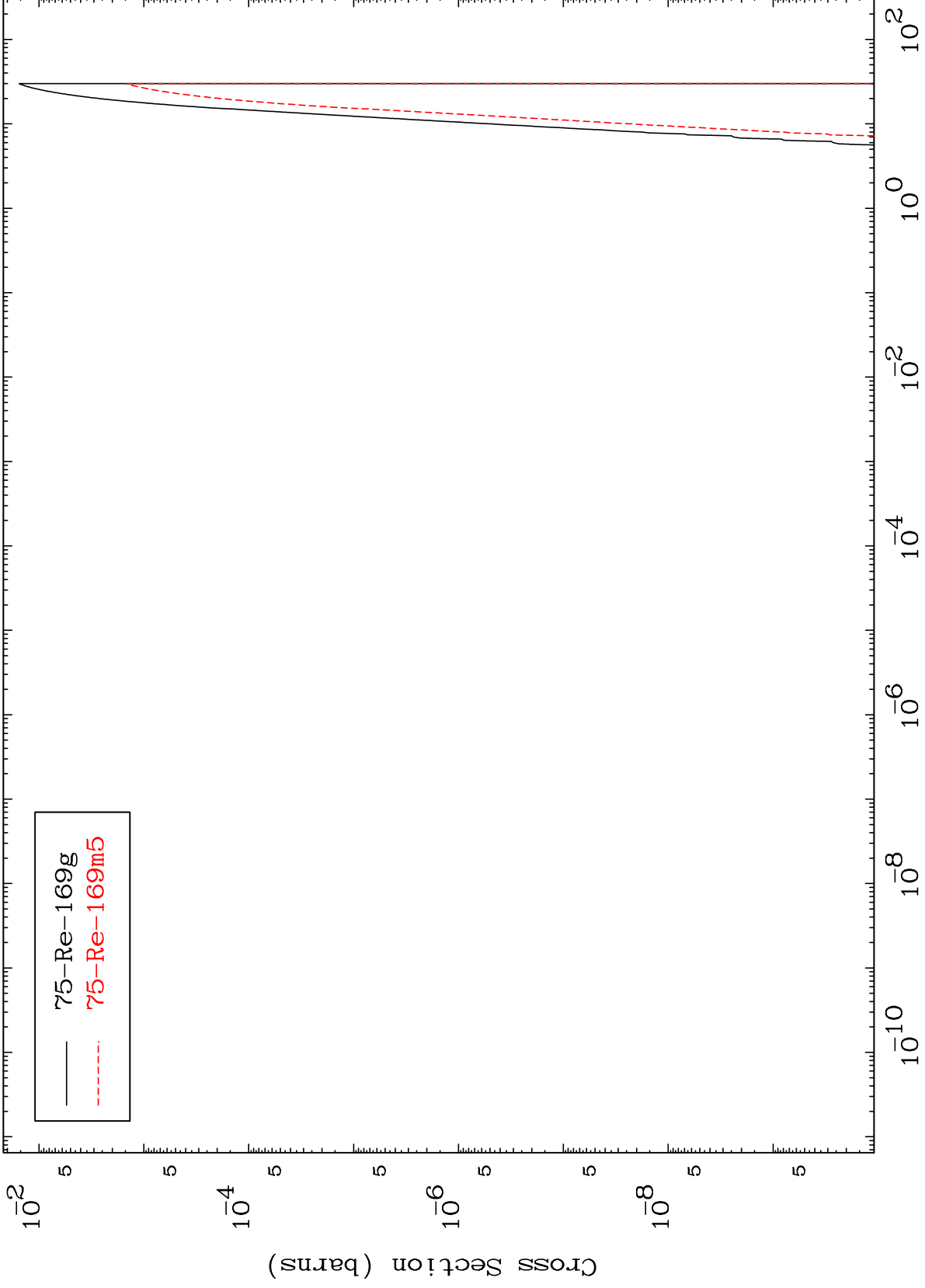


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(n,He-3)

77-Ir-171m

Radionuclide Production Cross Section



75-Re-169g
75-Re-169m5

Incident Energy (MeV)

77-Ir-171m

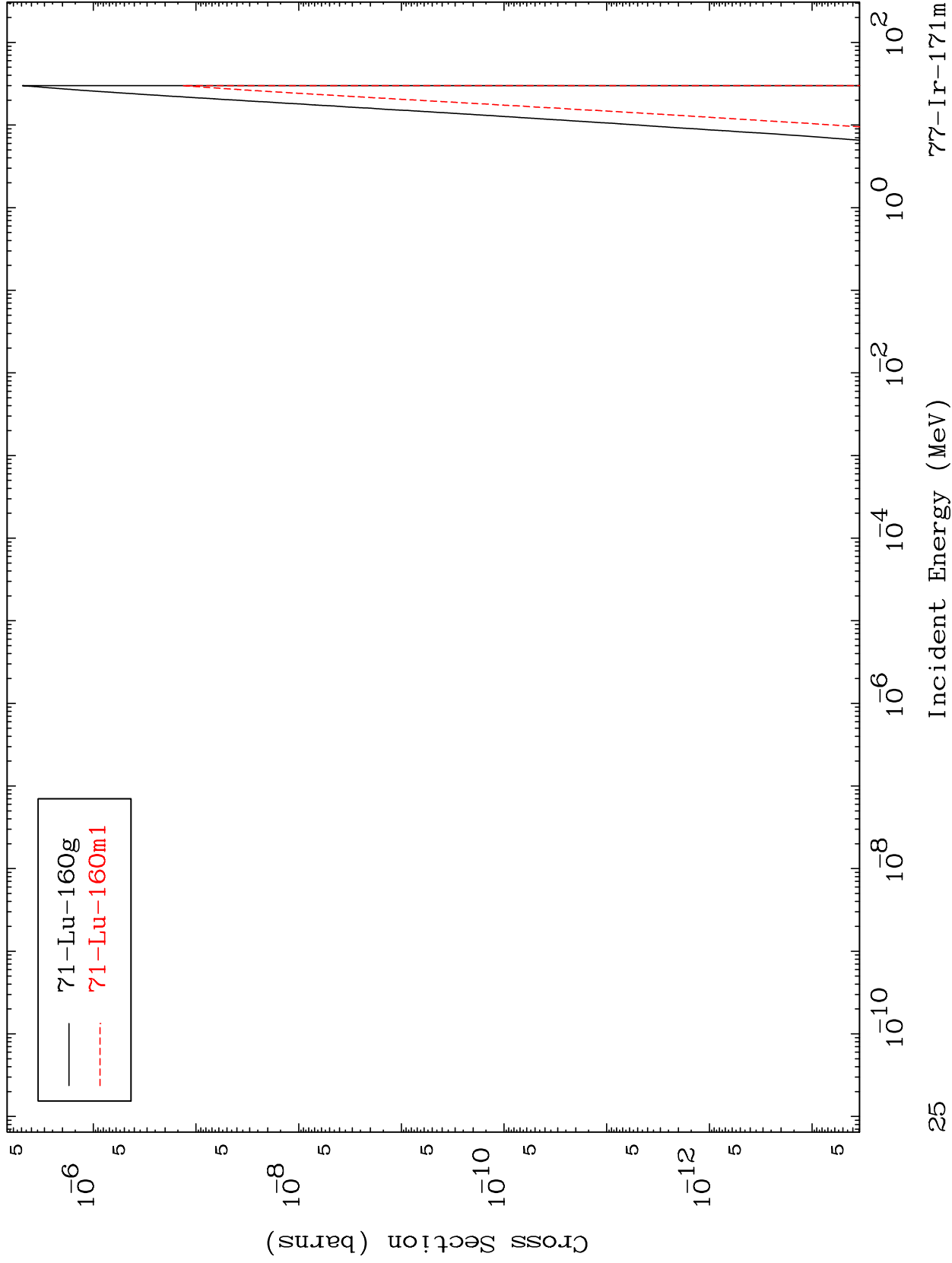
24

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(n,3 α)

⁷⁷Ir-171m

Radionuclide Production Cross Section

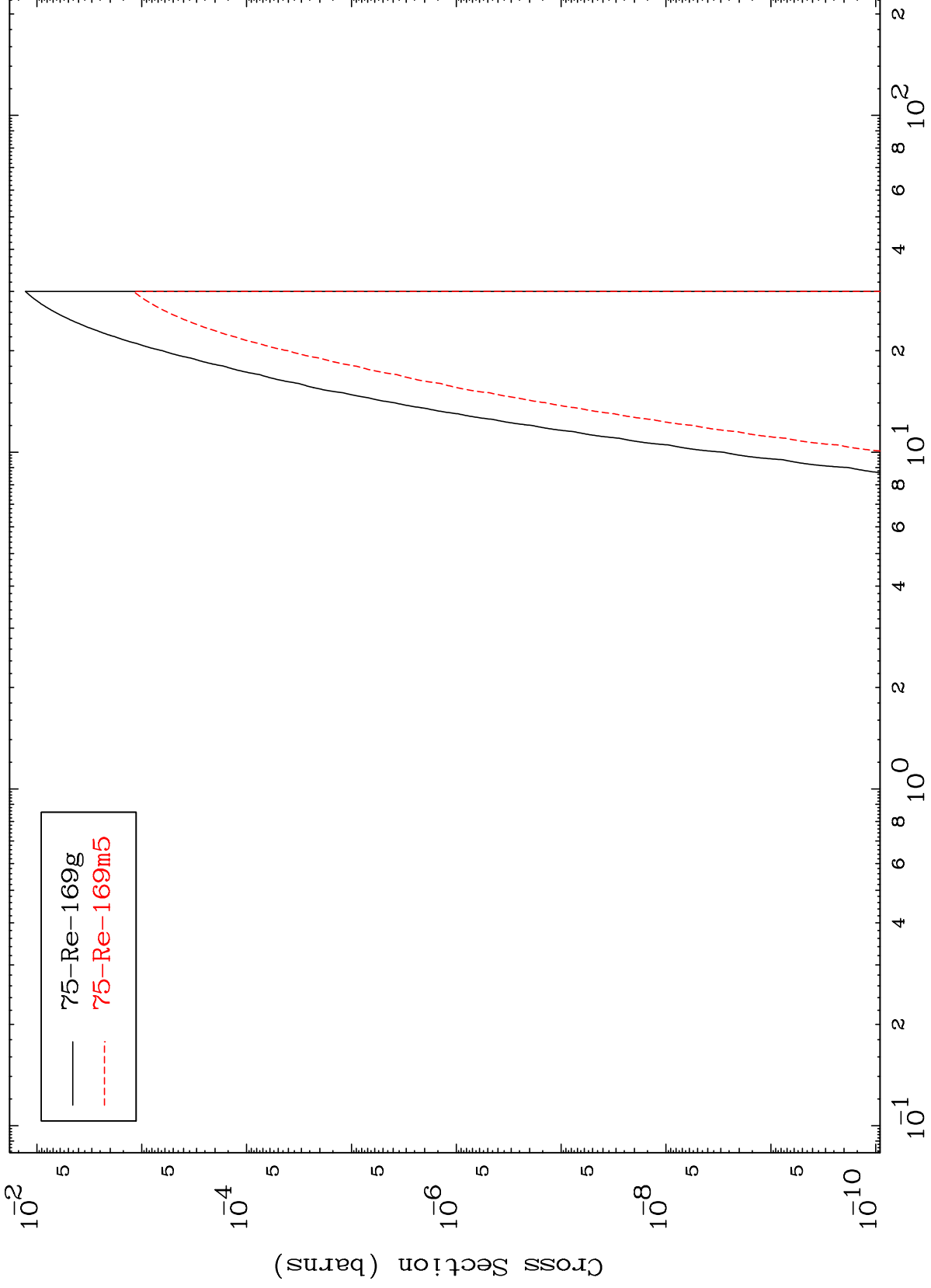


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(n,p) d

⁷⁷Ir-171m

Radionuclide Production Cross Section



75-Re-169g
75-Re-169m5