

Program EVALPLOT
(Version 2021-1)

by

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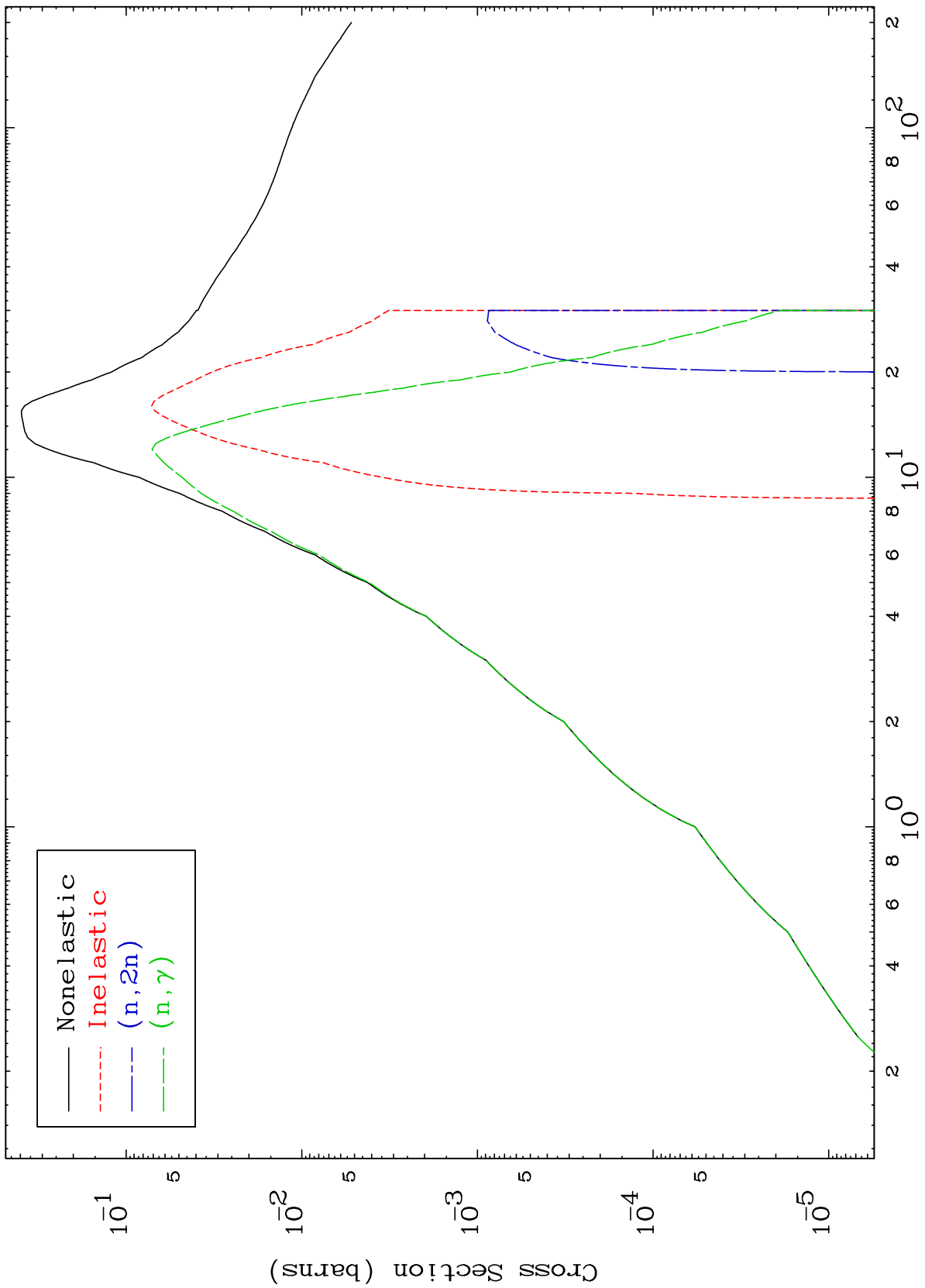
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7669

Photon Major
0 Kelvin Cross Sections

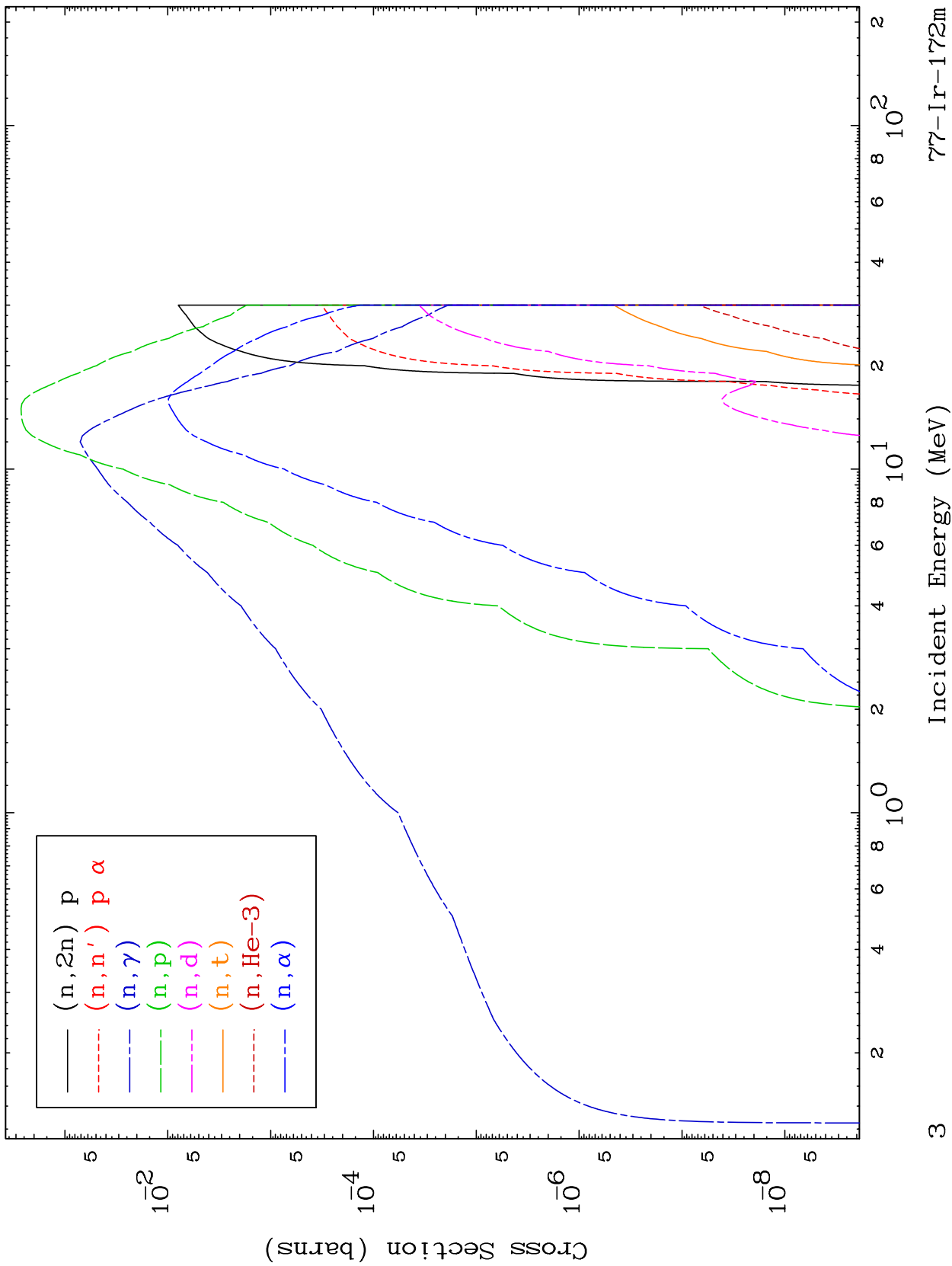
77-Ir-172m



MAT 7669

Photon Neutron Absorption
0 Kelvin Cross Sections

77-Ir-172m



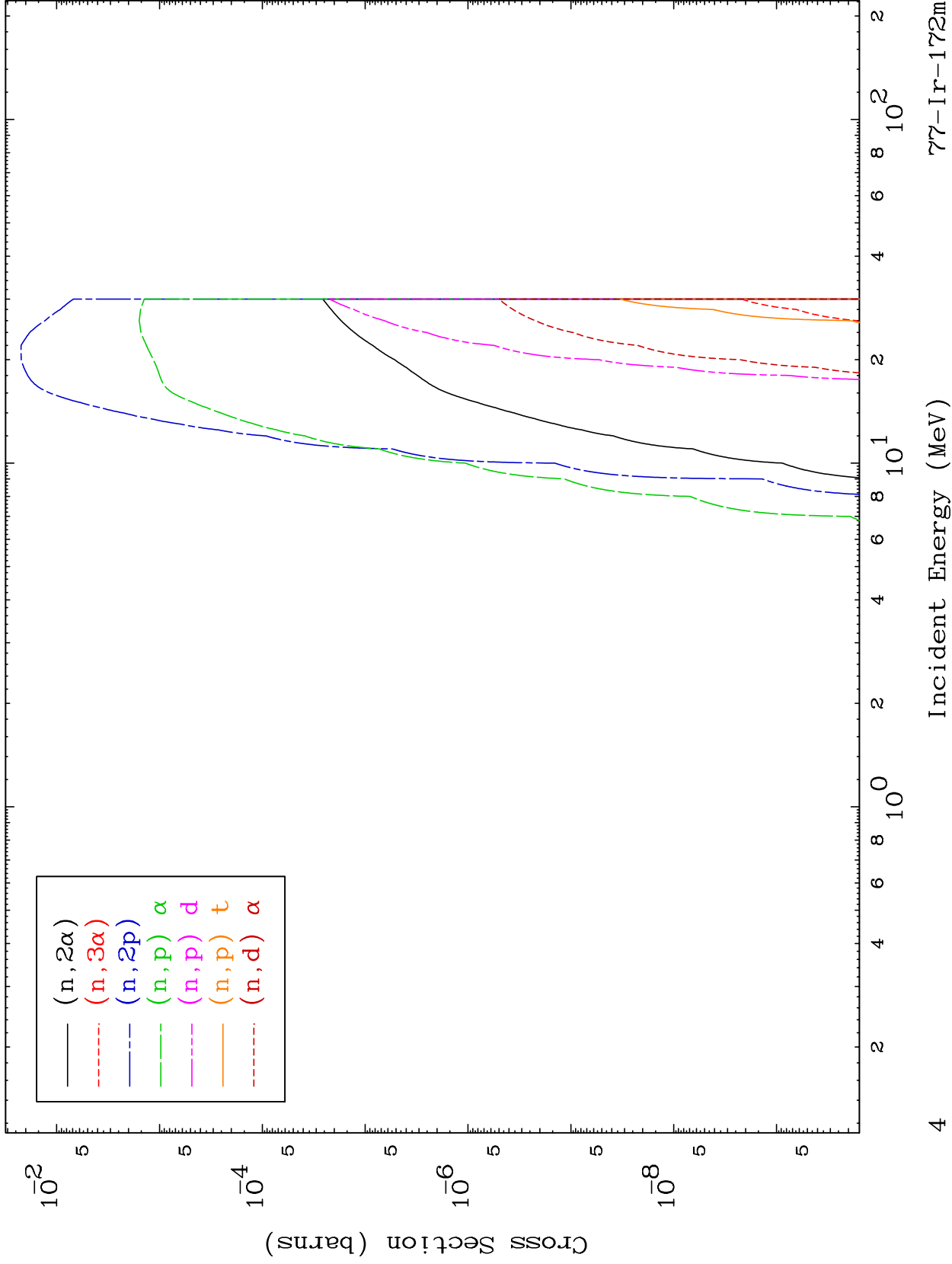
77-Ir-172m

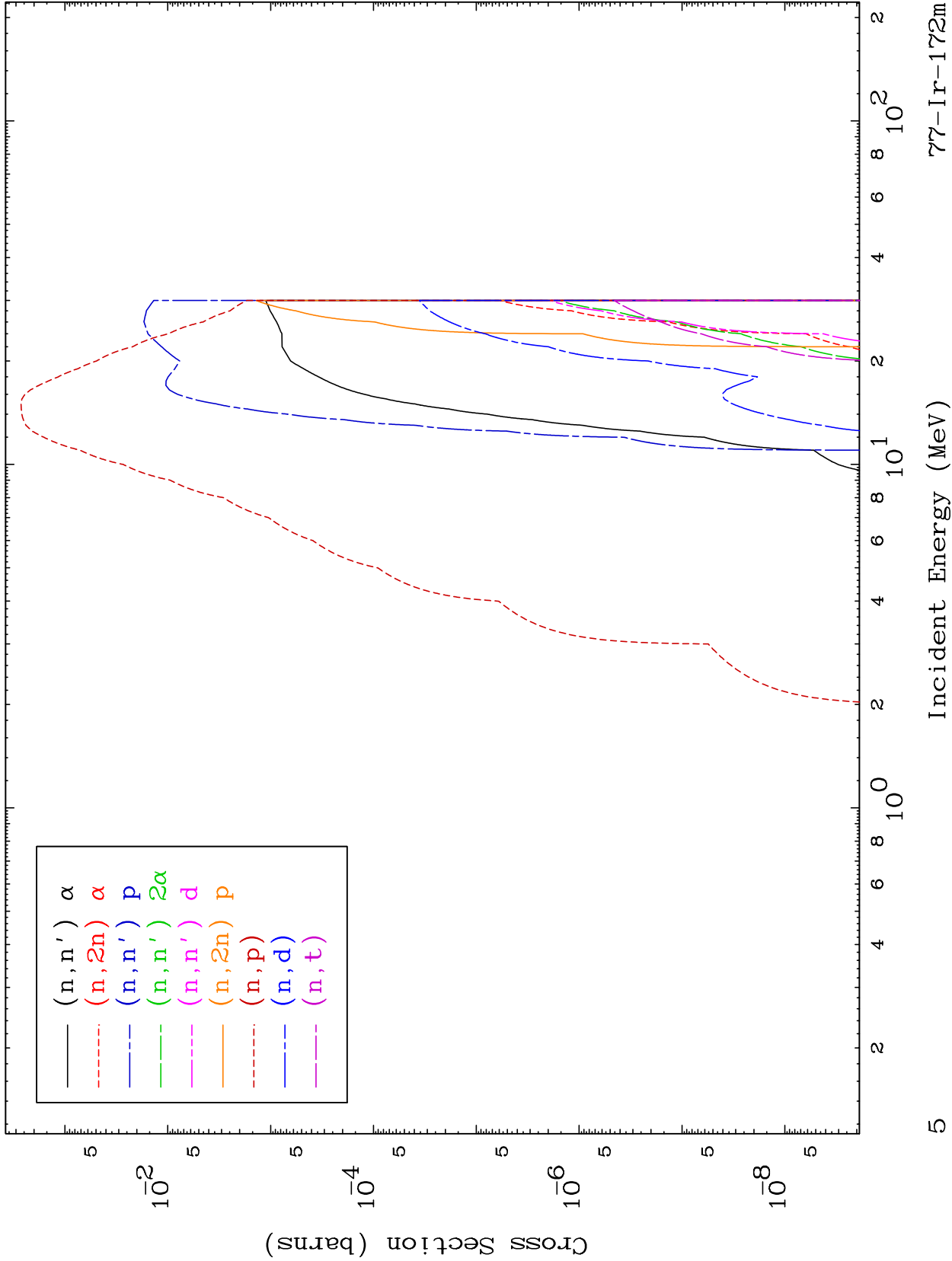
Incident Energy (MeV)

MAT 7669

Photon Neutron Absorption
0 Kelvin Cross Sections

77-Ir-172m

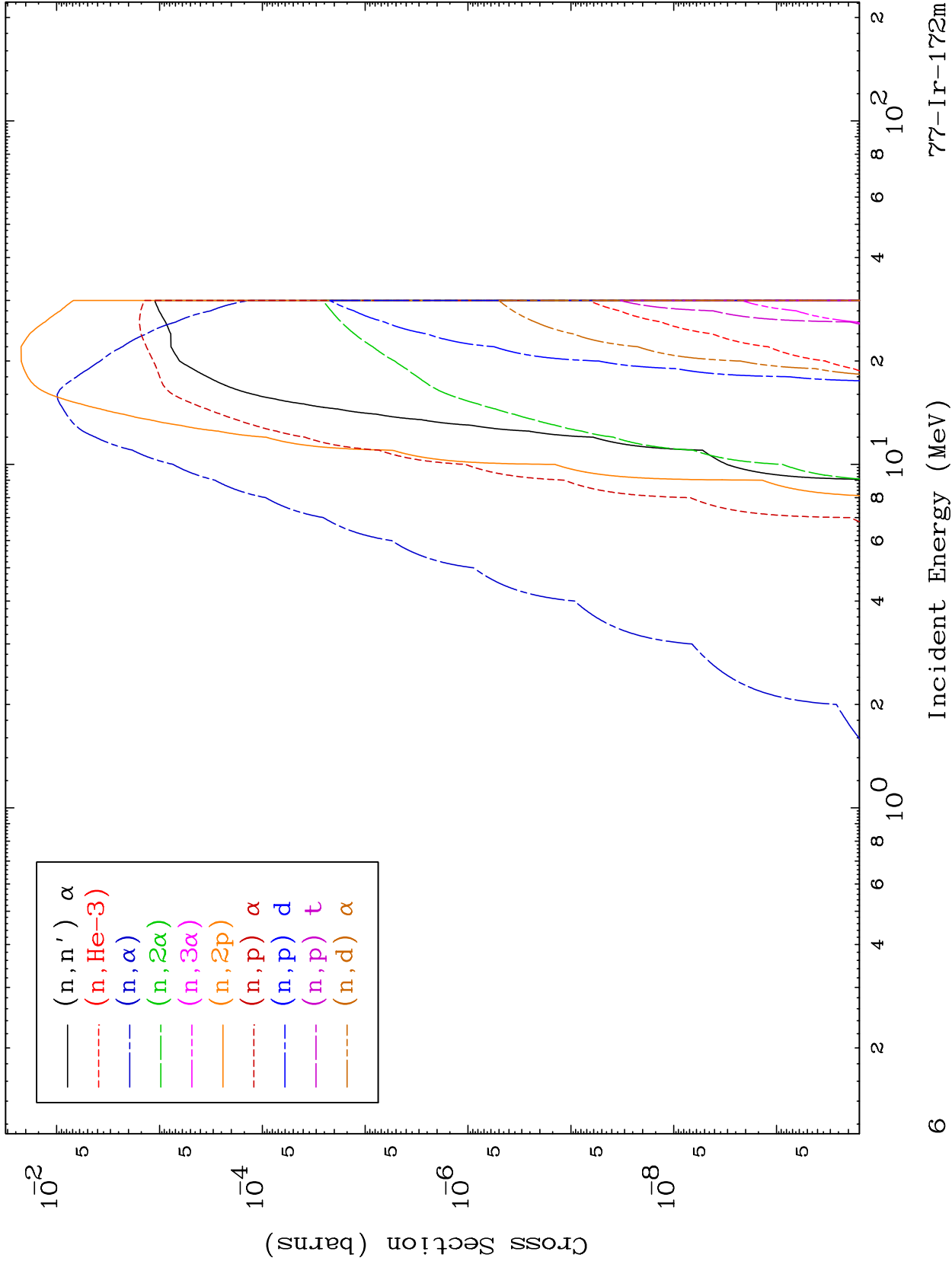




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Photon Charged Particle
0 Kelvin Cross Sections

77-Ir-172m

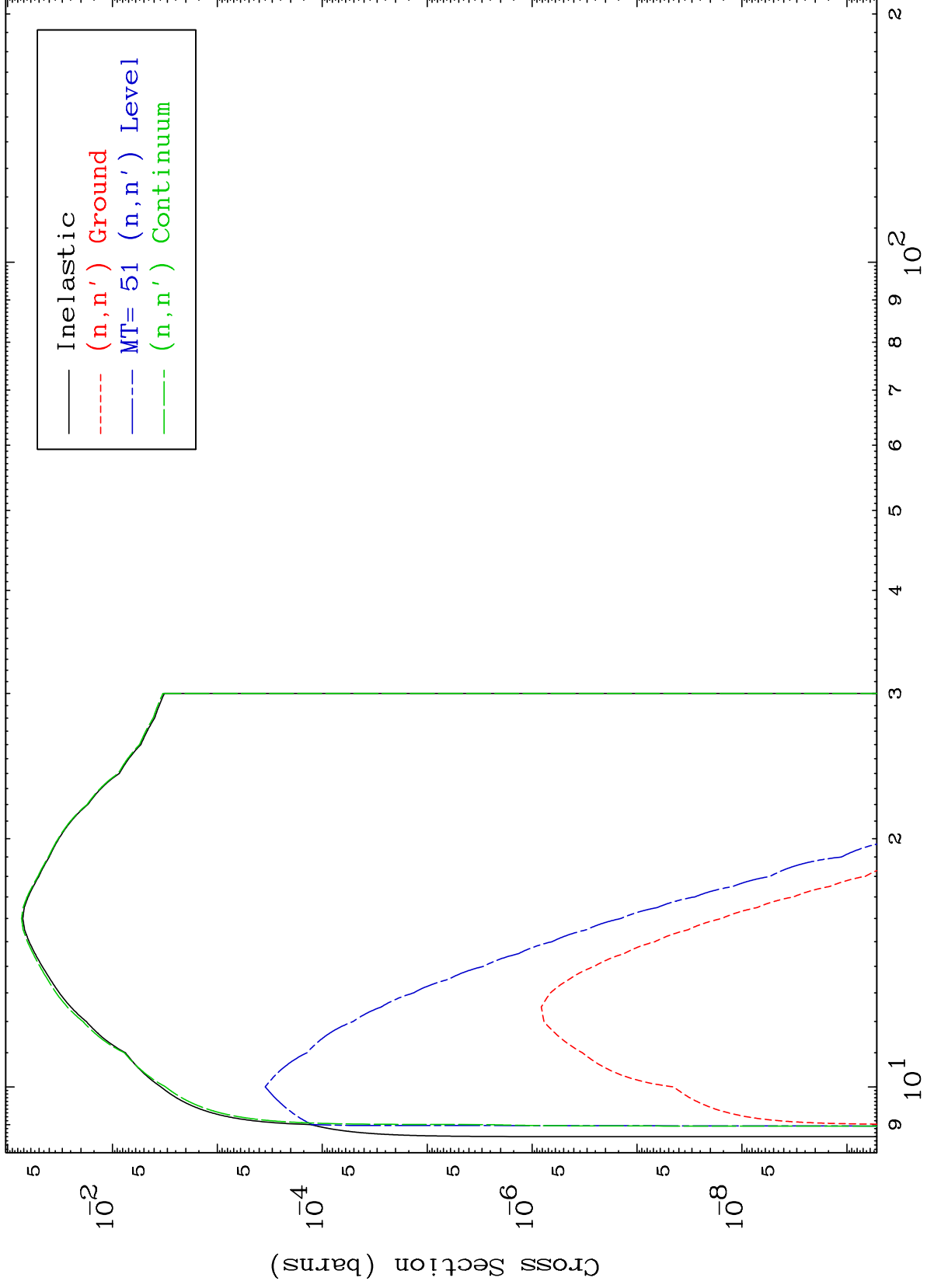


MAT 7669

(γ, n') Levels

77-Ir-172m

0 Kelvin Cross Sections



Incident Energy (MeV)

77-Ir-172m

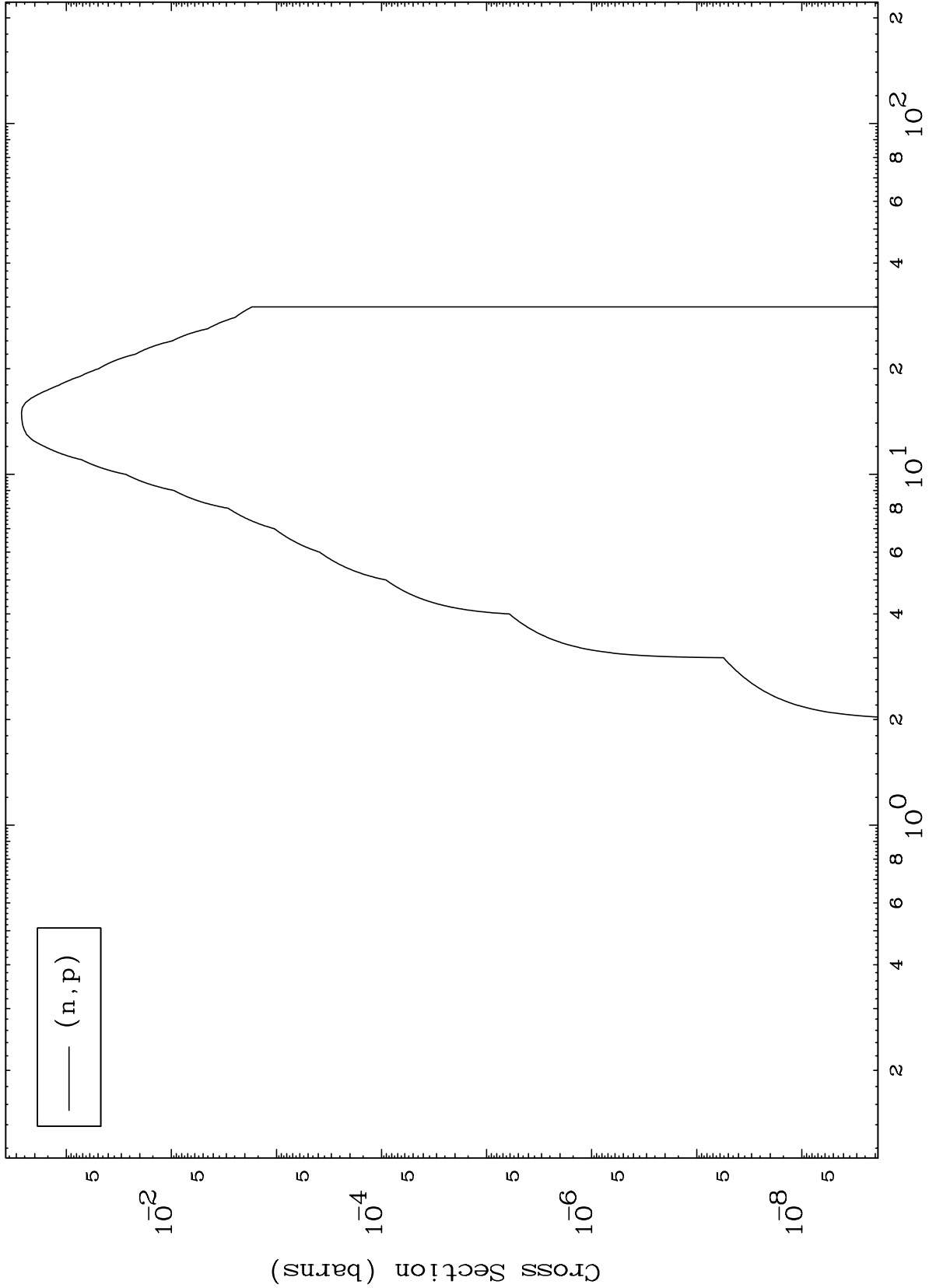
7

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(γ, p) Levels

$^{77}\text{Ir}-172\text{m}$

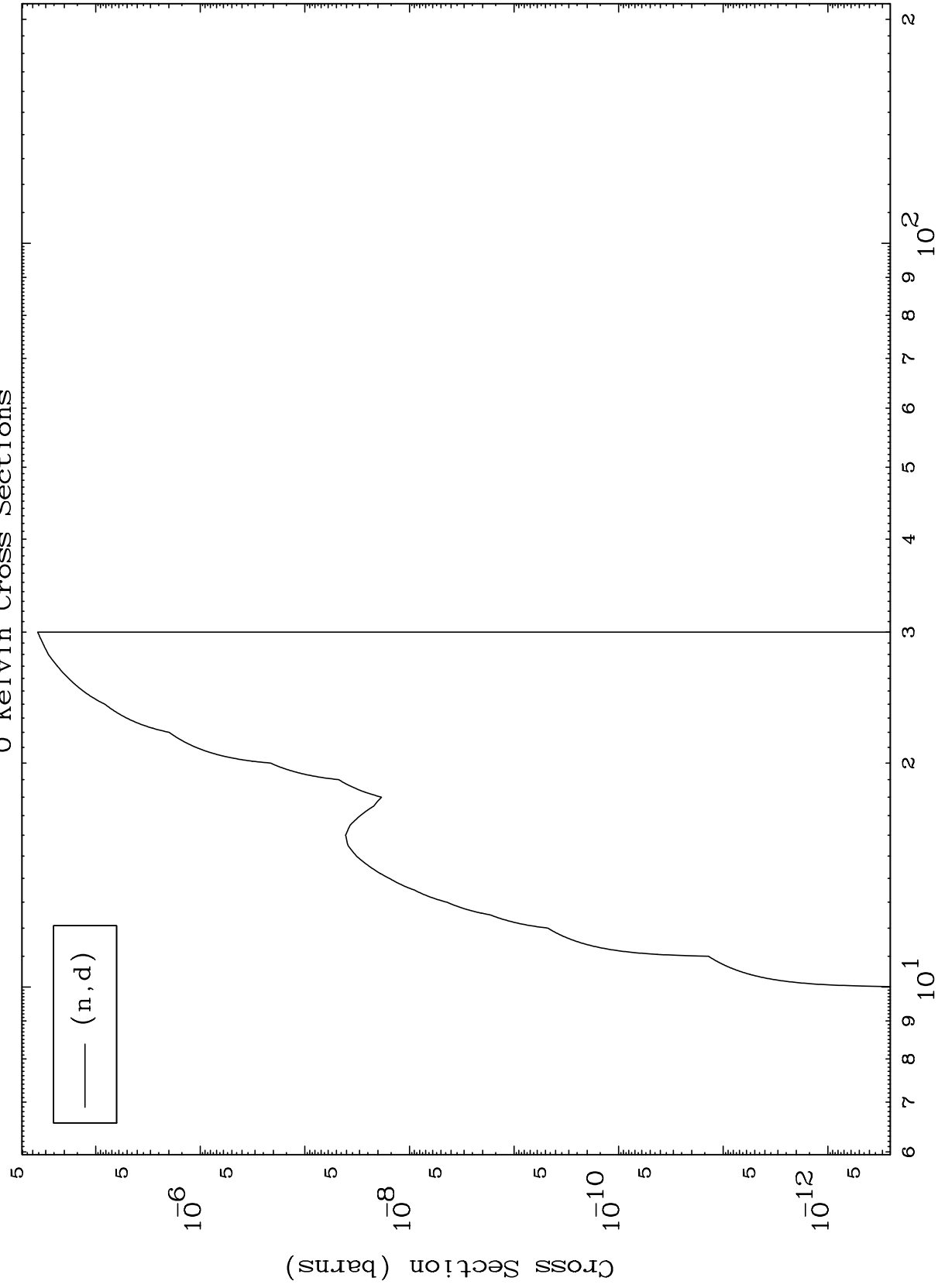
0 Kelvin Cross Sections



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(γ, d) Levels
0 Kelvin Cross Sections

77-Ir-172m



9

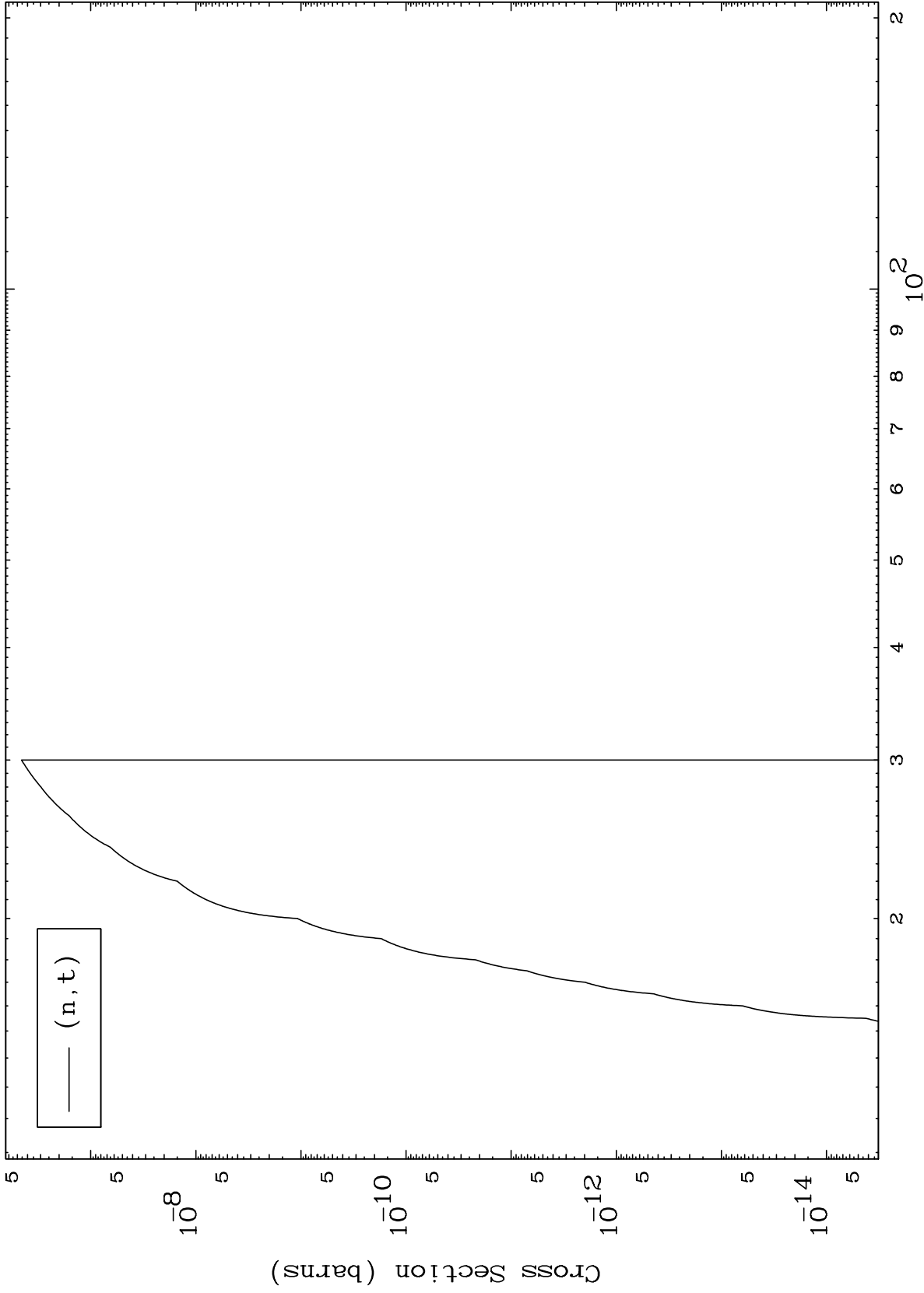
Incident Energy (MeV)

77-Ir-172m

MAT 7669

(γ, t) Levels
0 Kelvin Cross Sections

77-Ir-172m



10

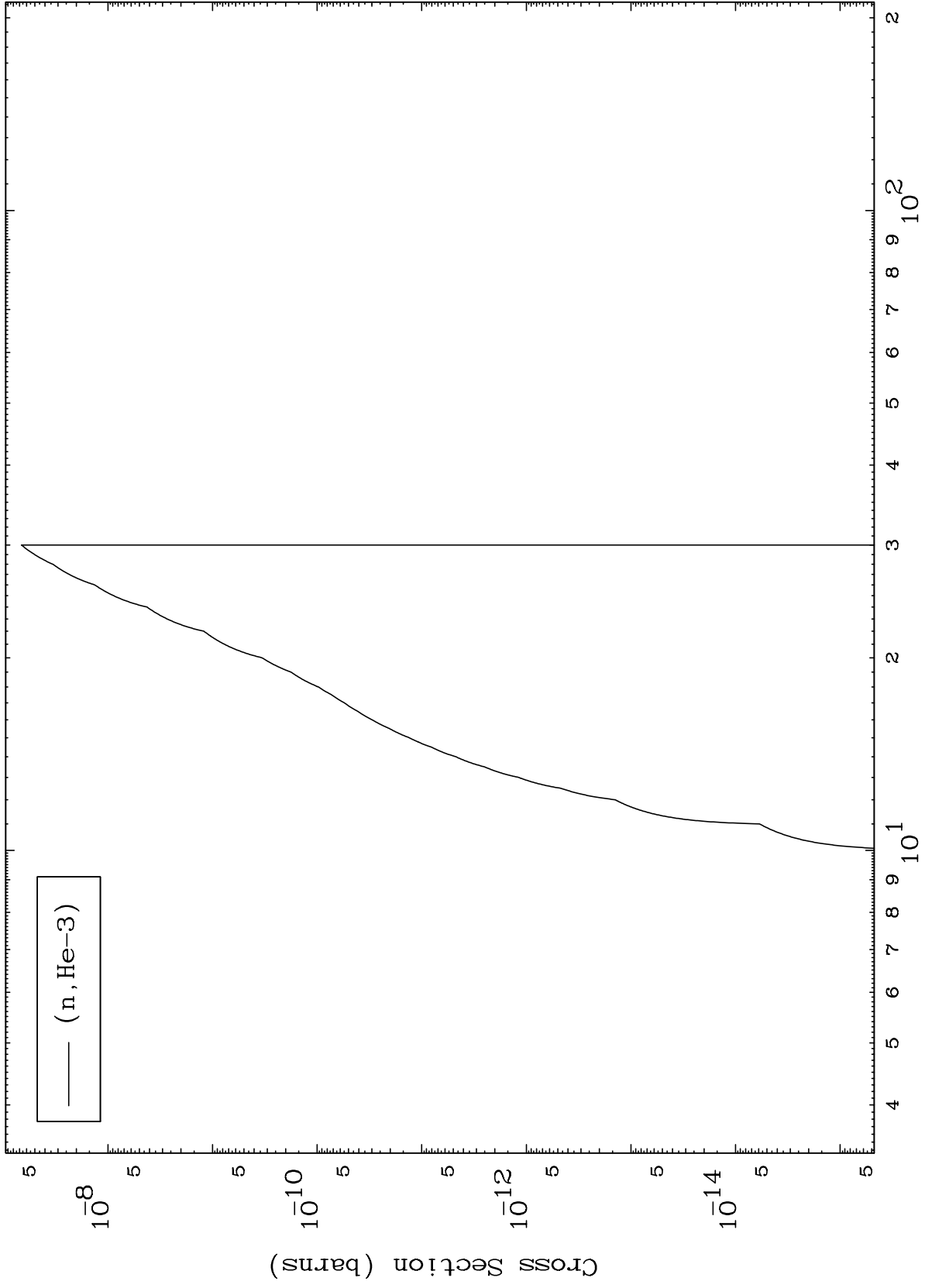
Incident Energy (MeV)

77-Ir-172m

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($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections

77-Ir-172m



11

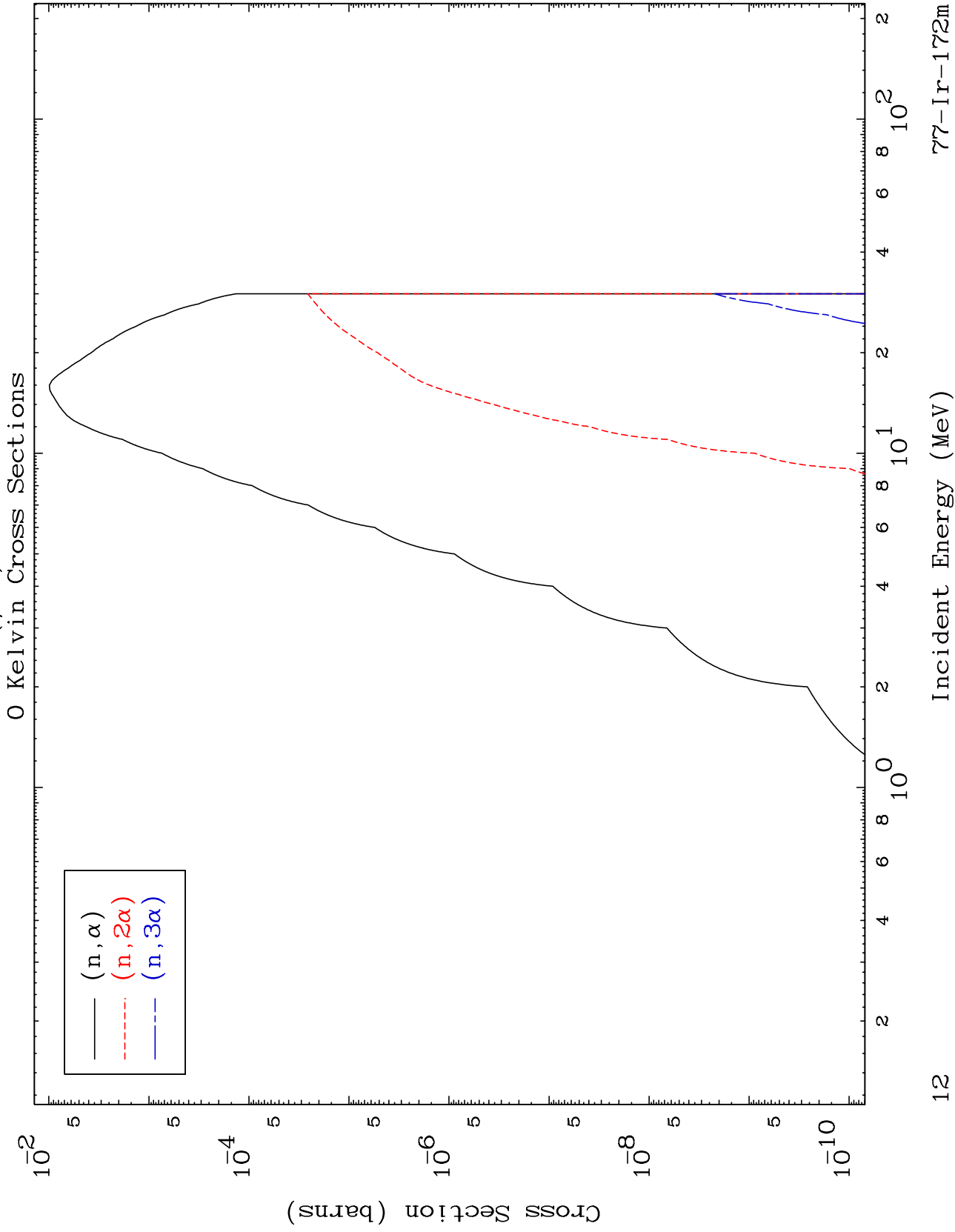
Incident Energy (MeV)

77-Ir-172m

MAT 7669

(γ, α) Levels

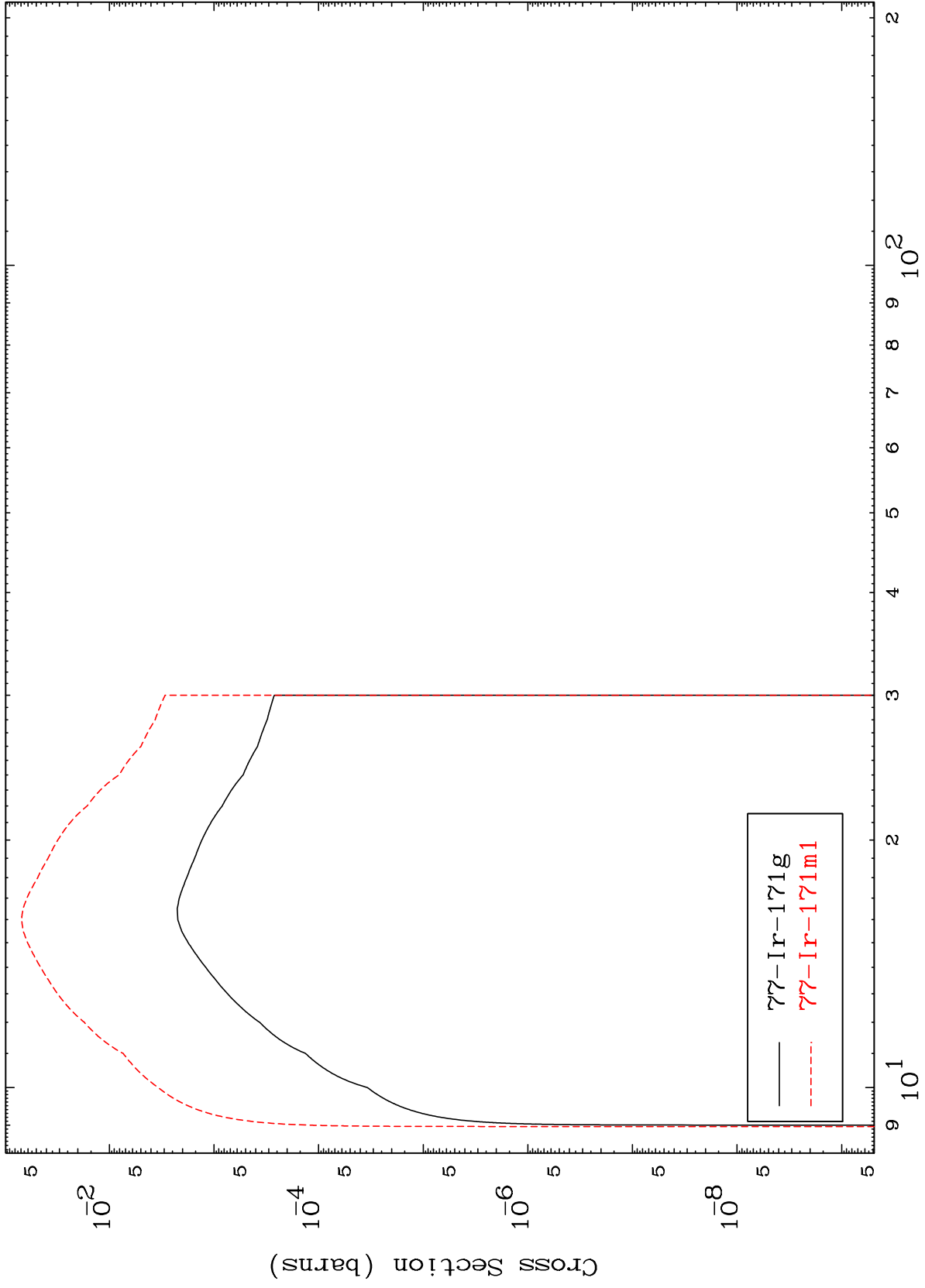
77-Ir-172m



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Inelastic
Radionuclide Production Cross Section

⁷⁷Ir-172m



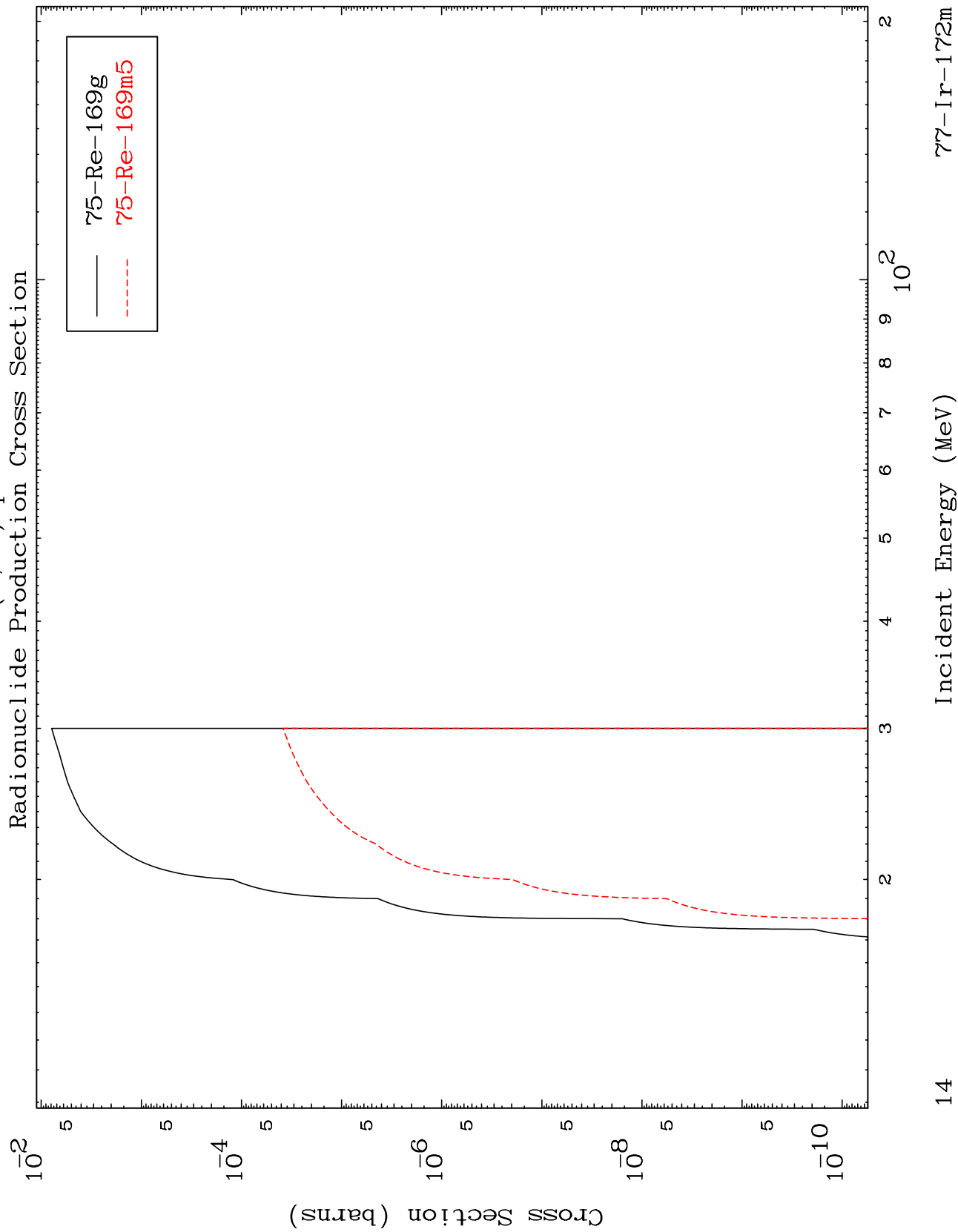
— ⁷⁷Ir-171g
- - - ⁷⁷Ir-171m1

⁷⁷Ir-172m

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(n,2n) p

77-Ir-172m

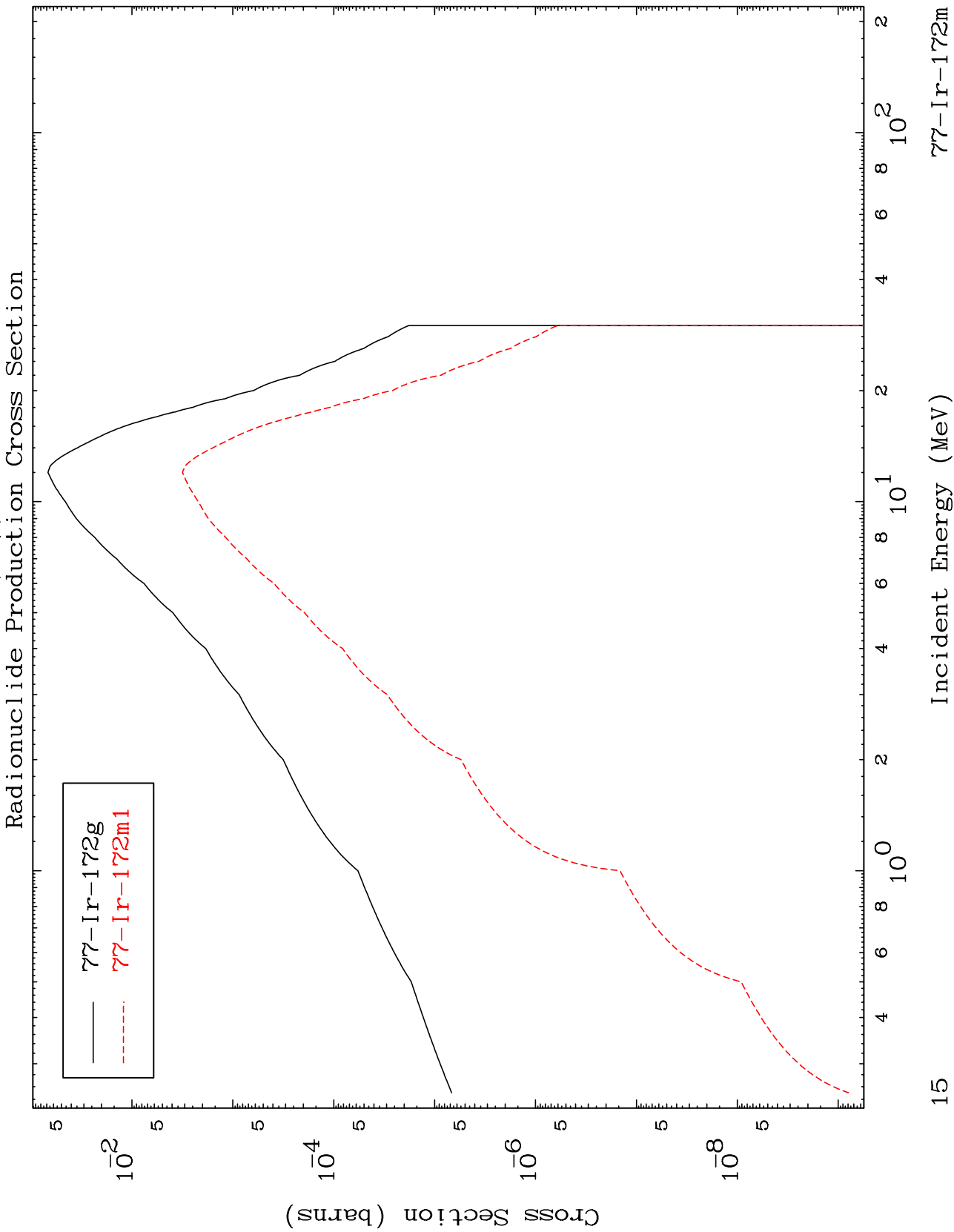


14

77-Ir-172m

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⁷⁷Ir-172m



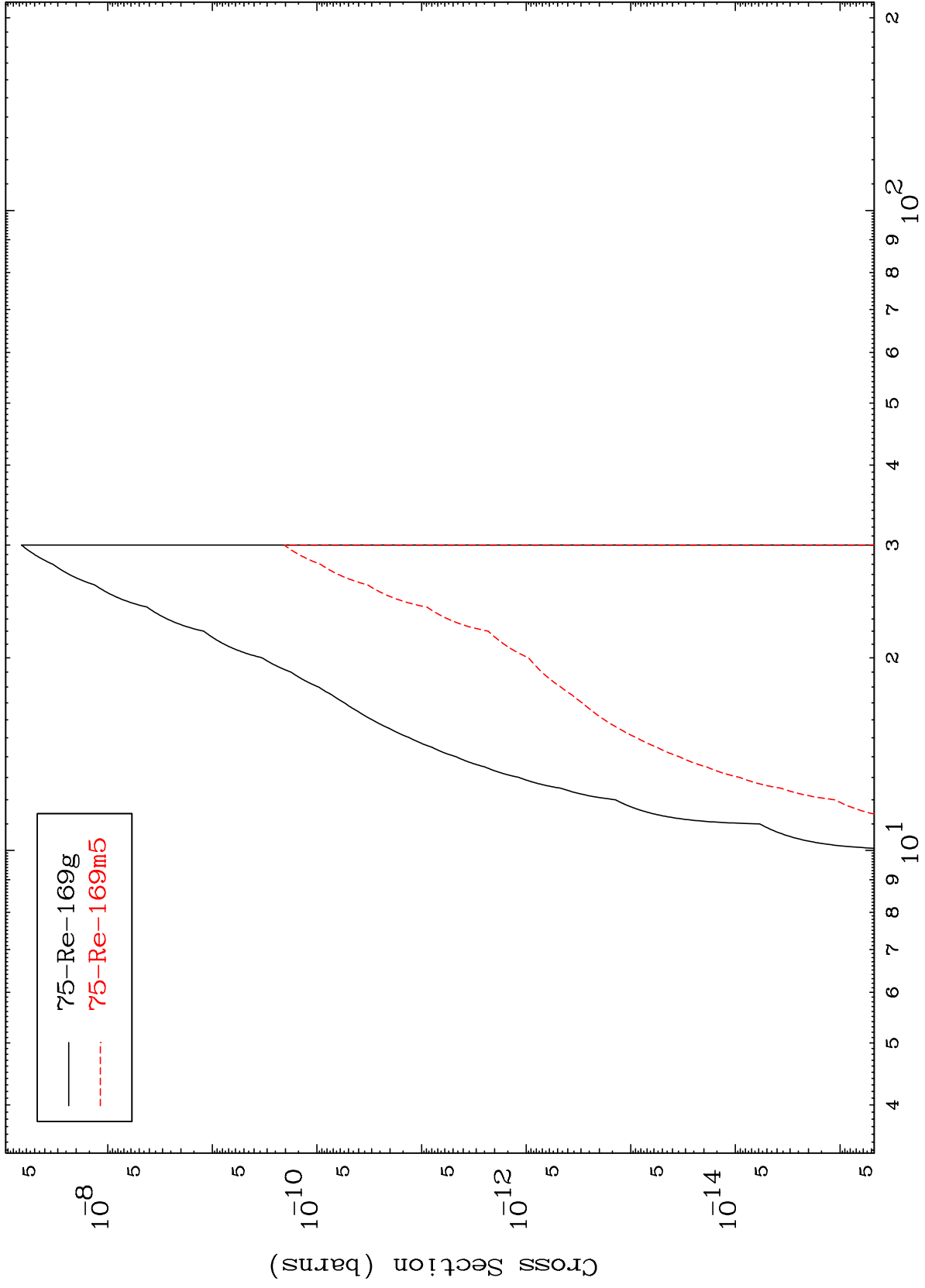
15

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(n,He-3)

77-Ir-172m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

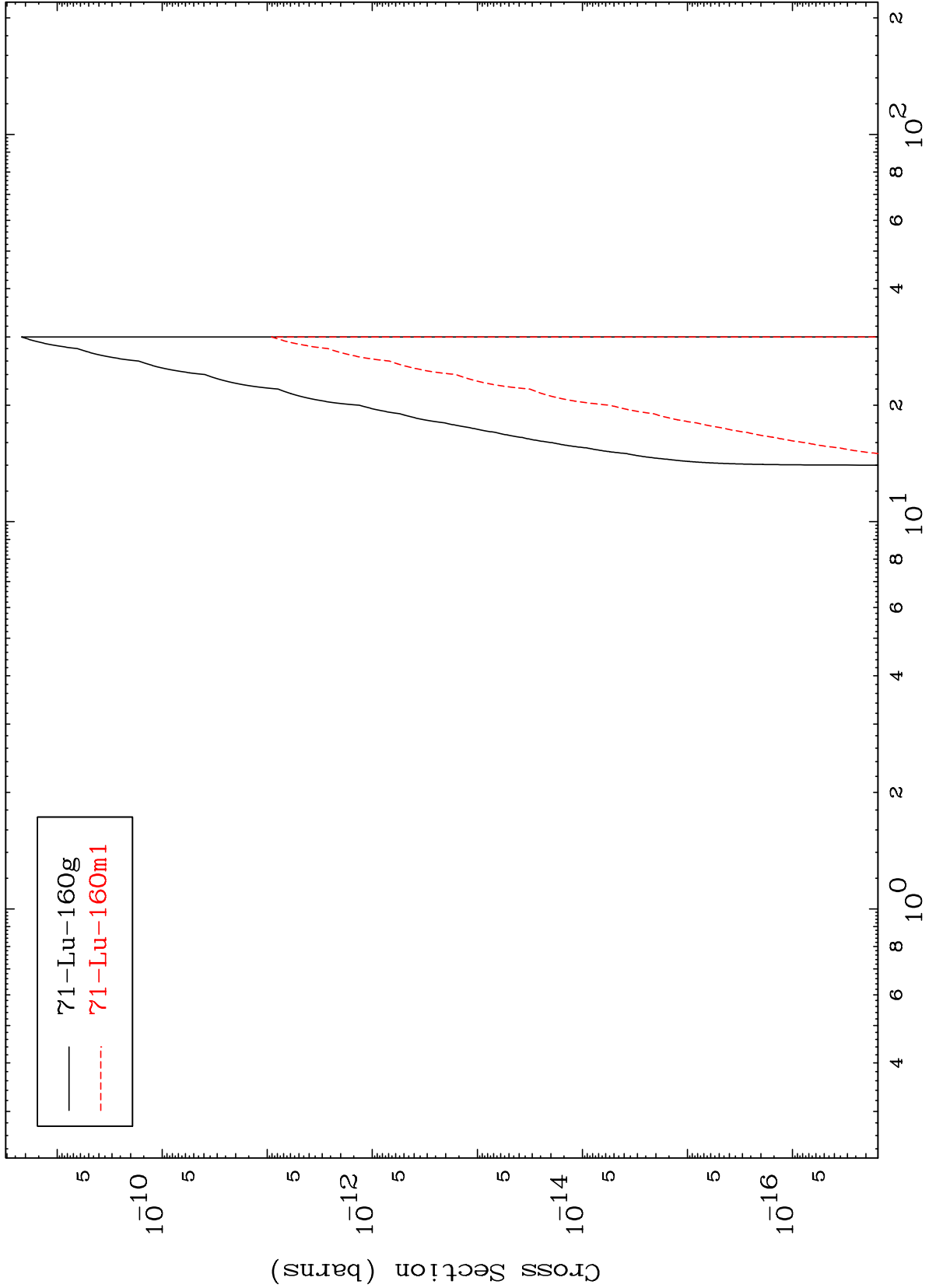
77-Ir-172m

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(n, 3α)

⁷⁷Ir-172m

Radionuclide Production Cross Section

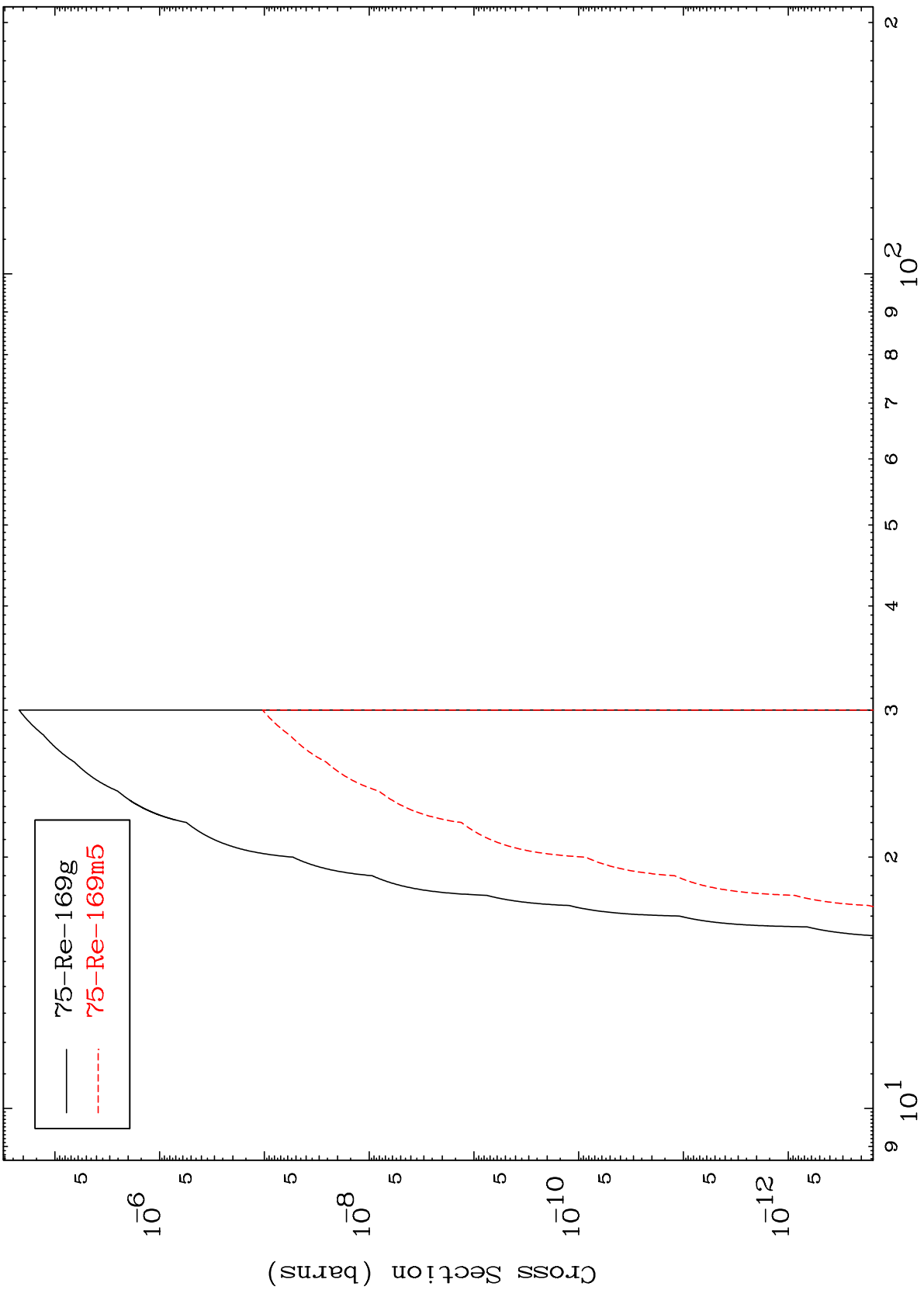


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(n,p) d

⁷⁷Ir-172m

Radionuclide Production Cross Section



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

Incident Energy (MeV)

⁷⁷Ir-172m