

Program EVALPLOT
(Version 2021-1)

by

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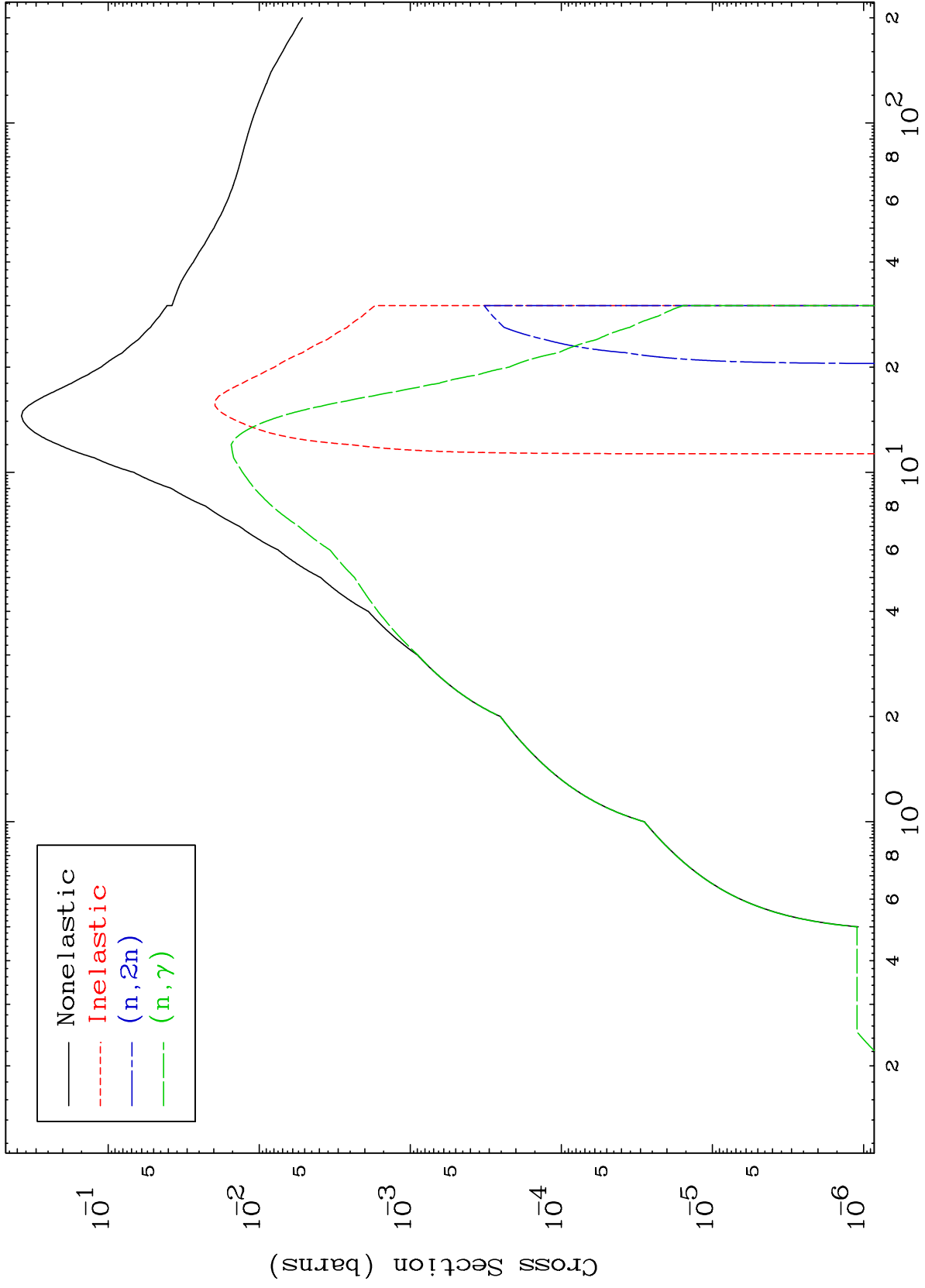
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7665

Photon Major
0 Kelvin Cross Sections

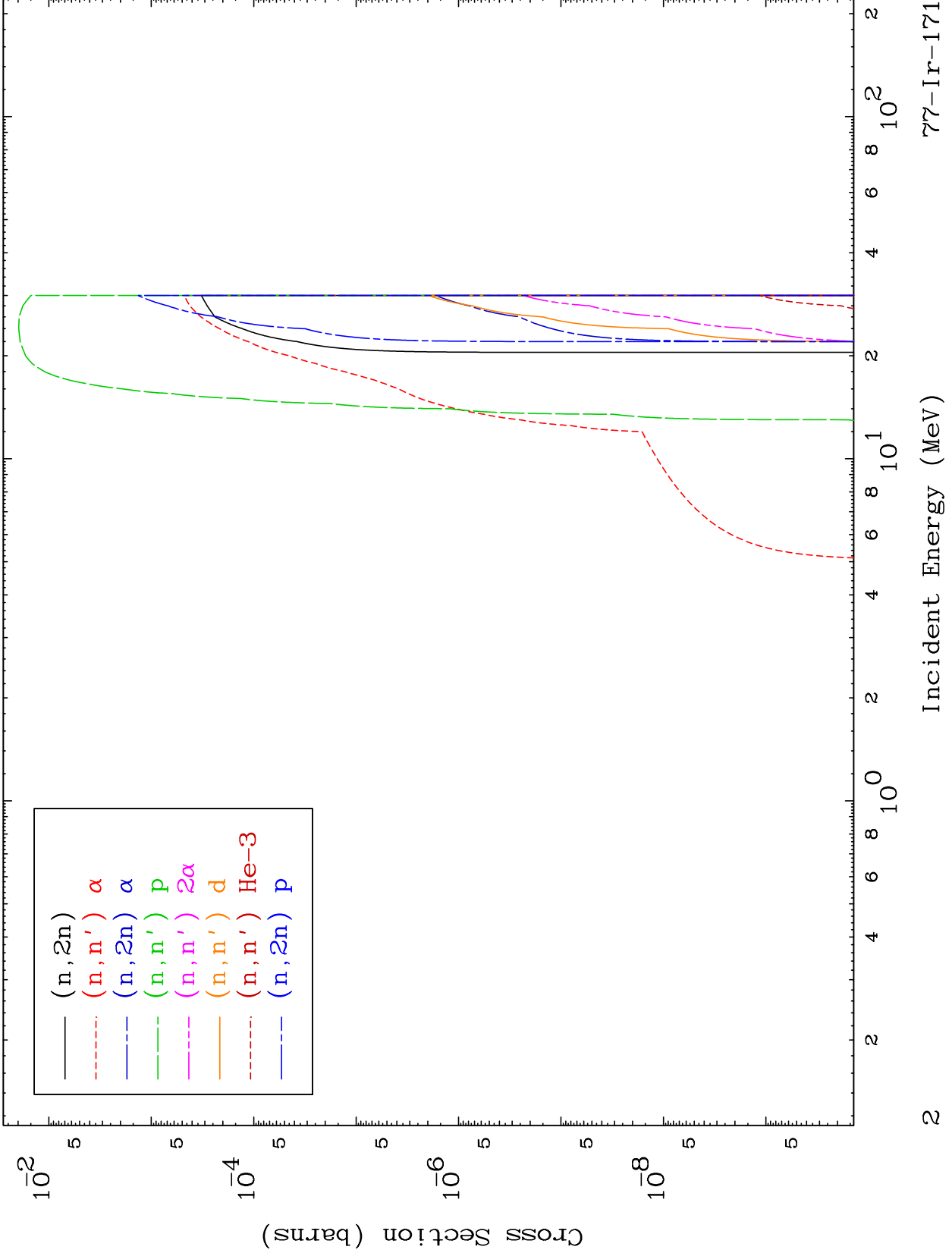
⁷⁷Ir-171



MAT 7665

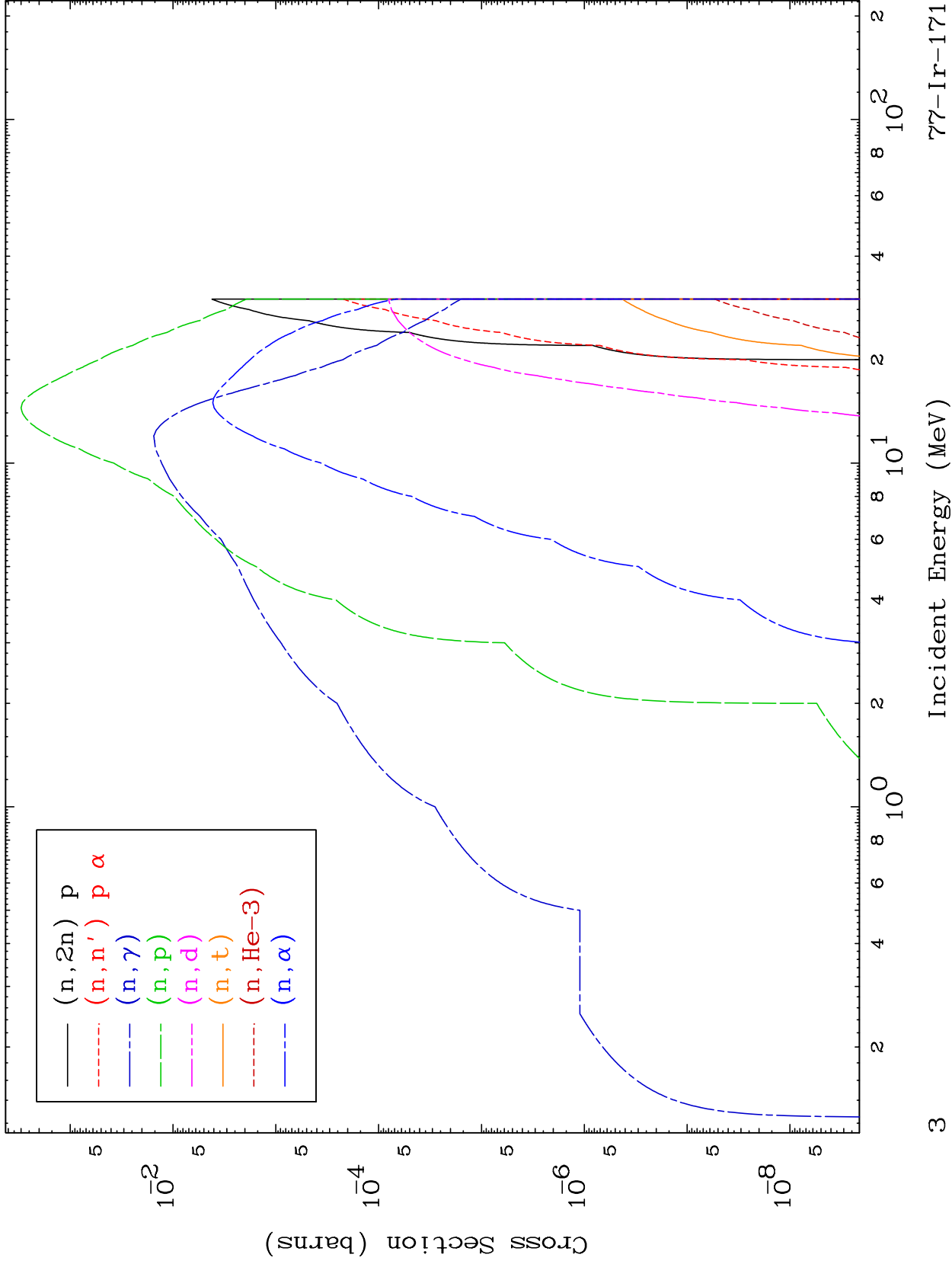
Photon Neutron Absorption
0 Kelvin Cross Sections

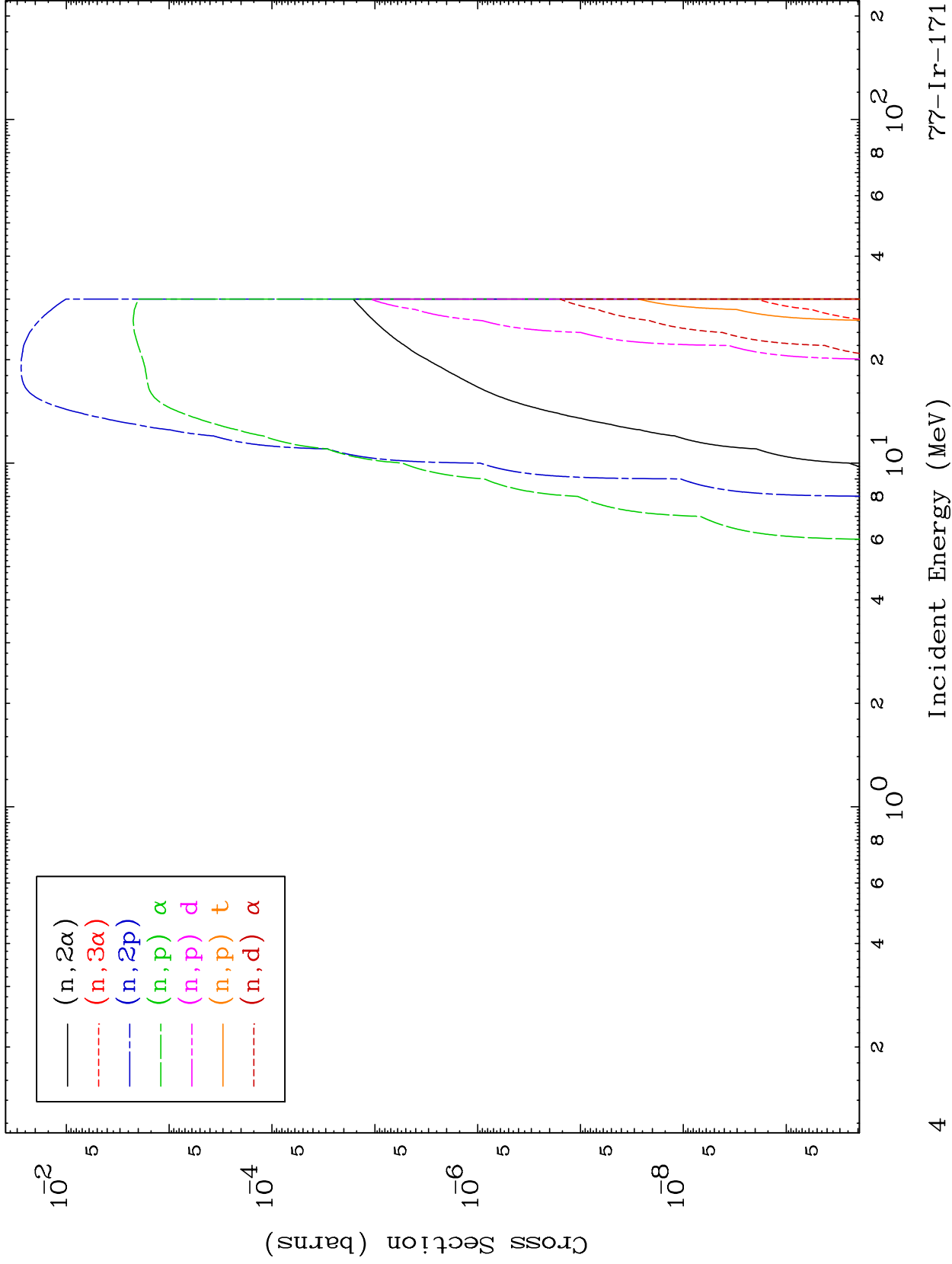
77-Ir-171

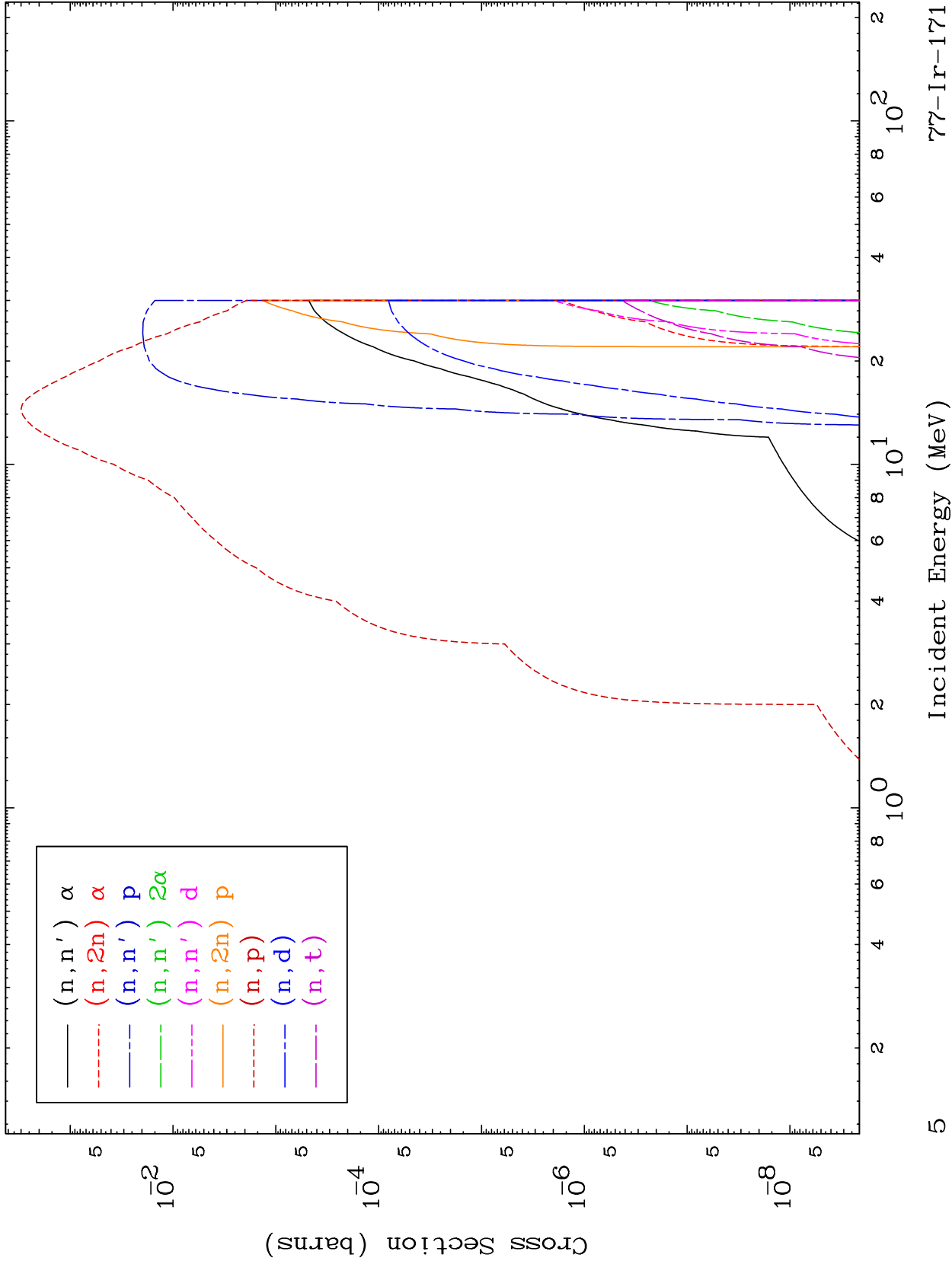


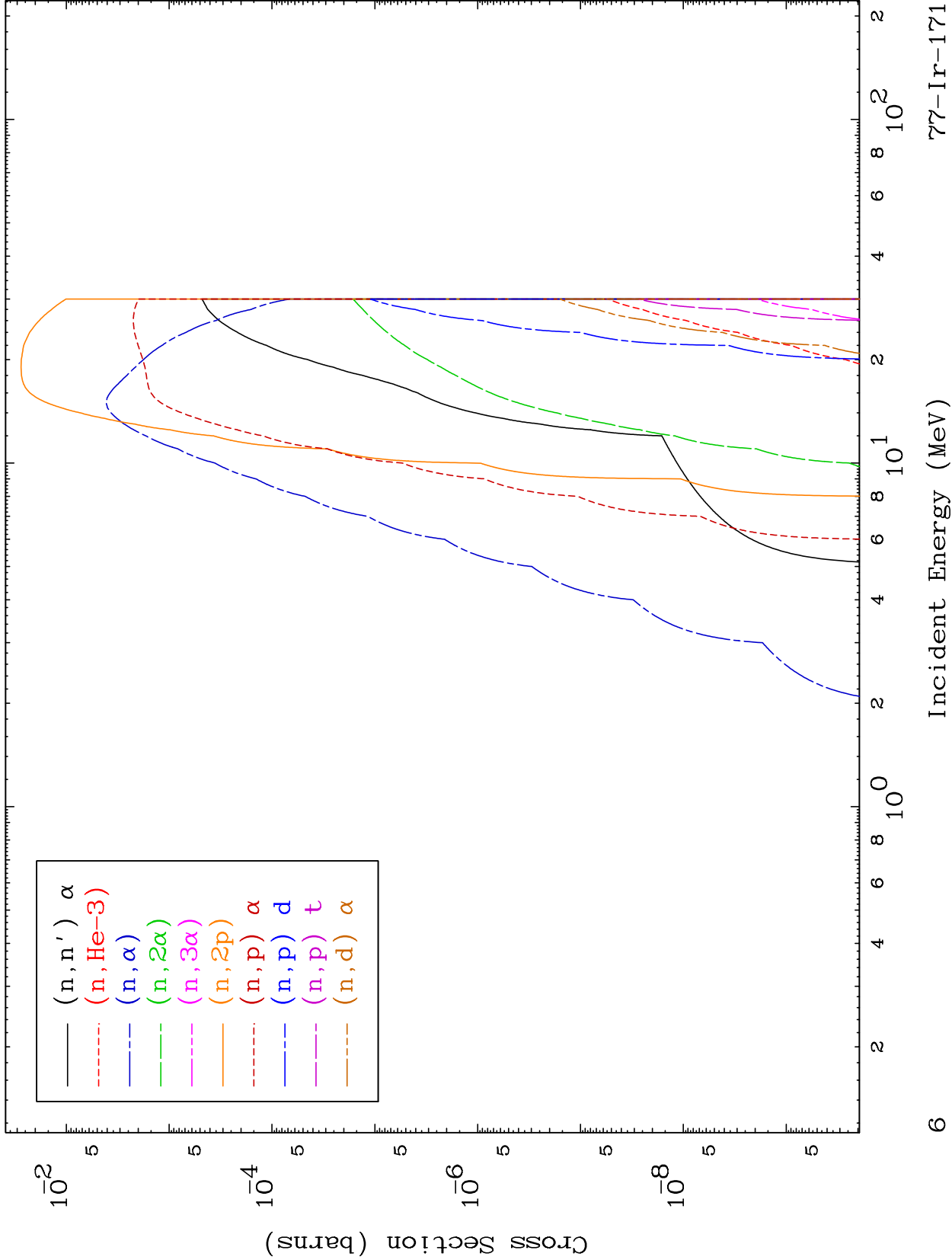
77-Ir-171

Incident Energy (MeV)

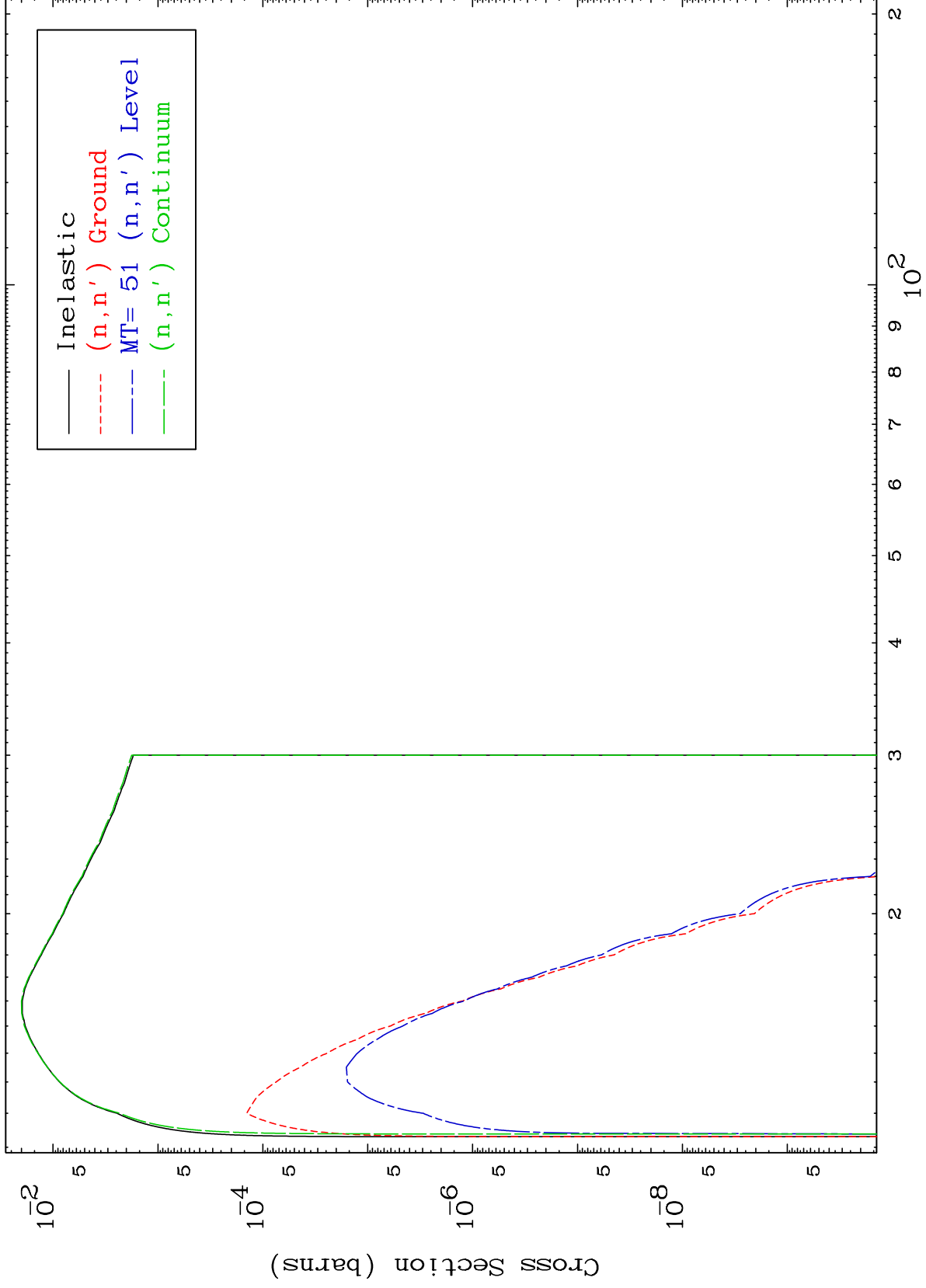








0 Kelvin Cross Sections

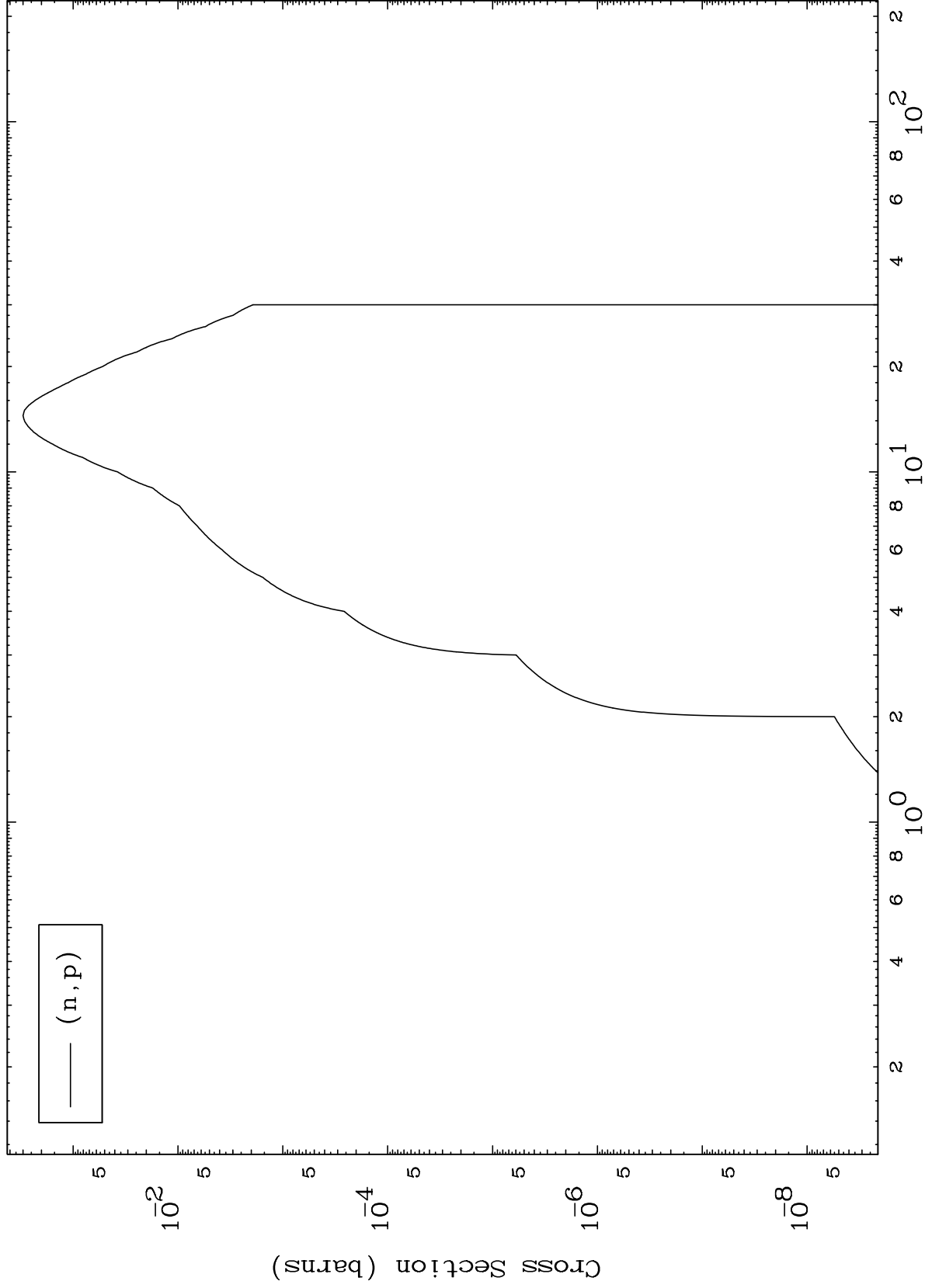


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(γ, p) Levels

⁷⁷Ir-171

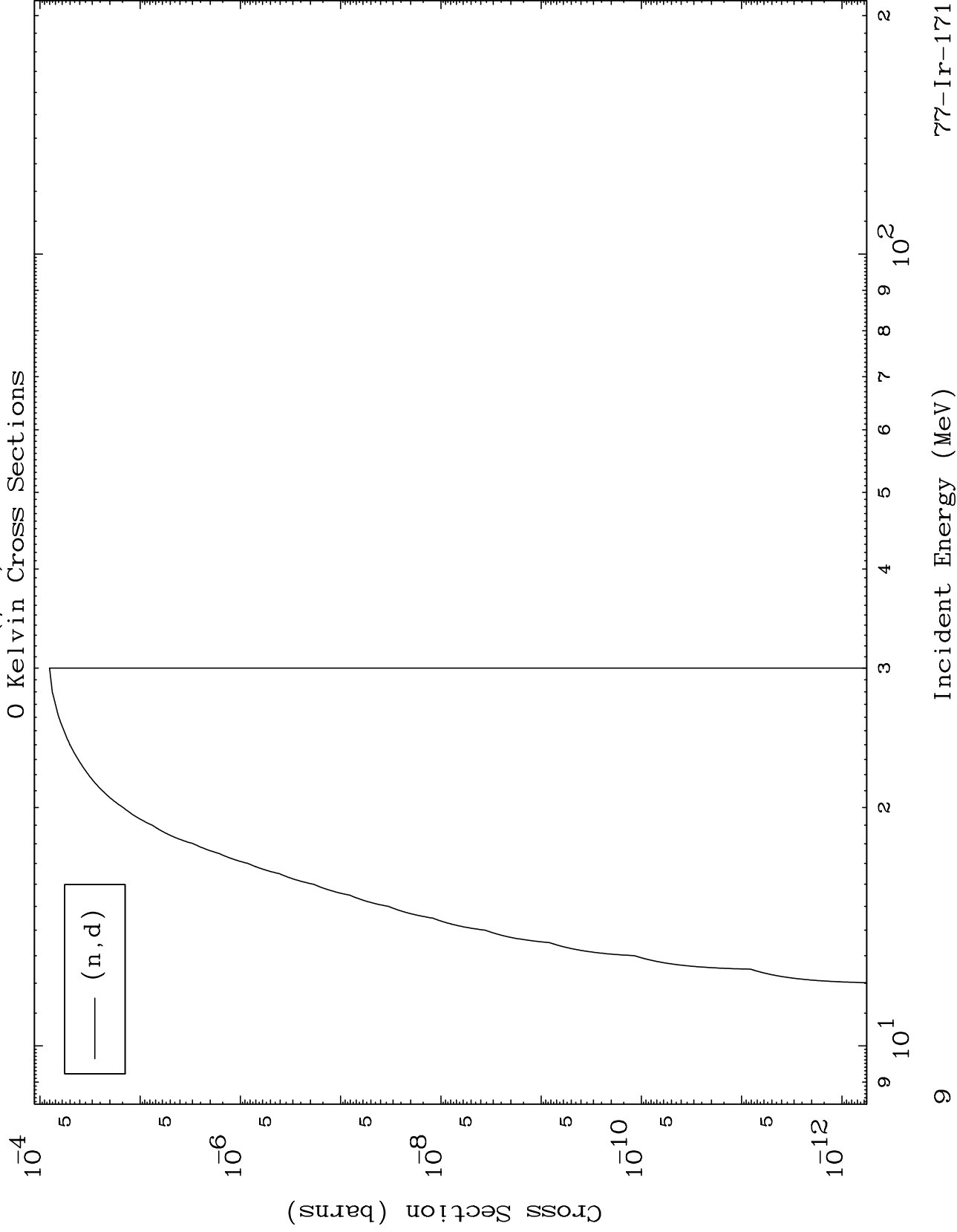
0 Kelvin Cross Sections



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(γ, d) Levels

77-Ir-171



77-Ir-171

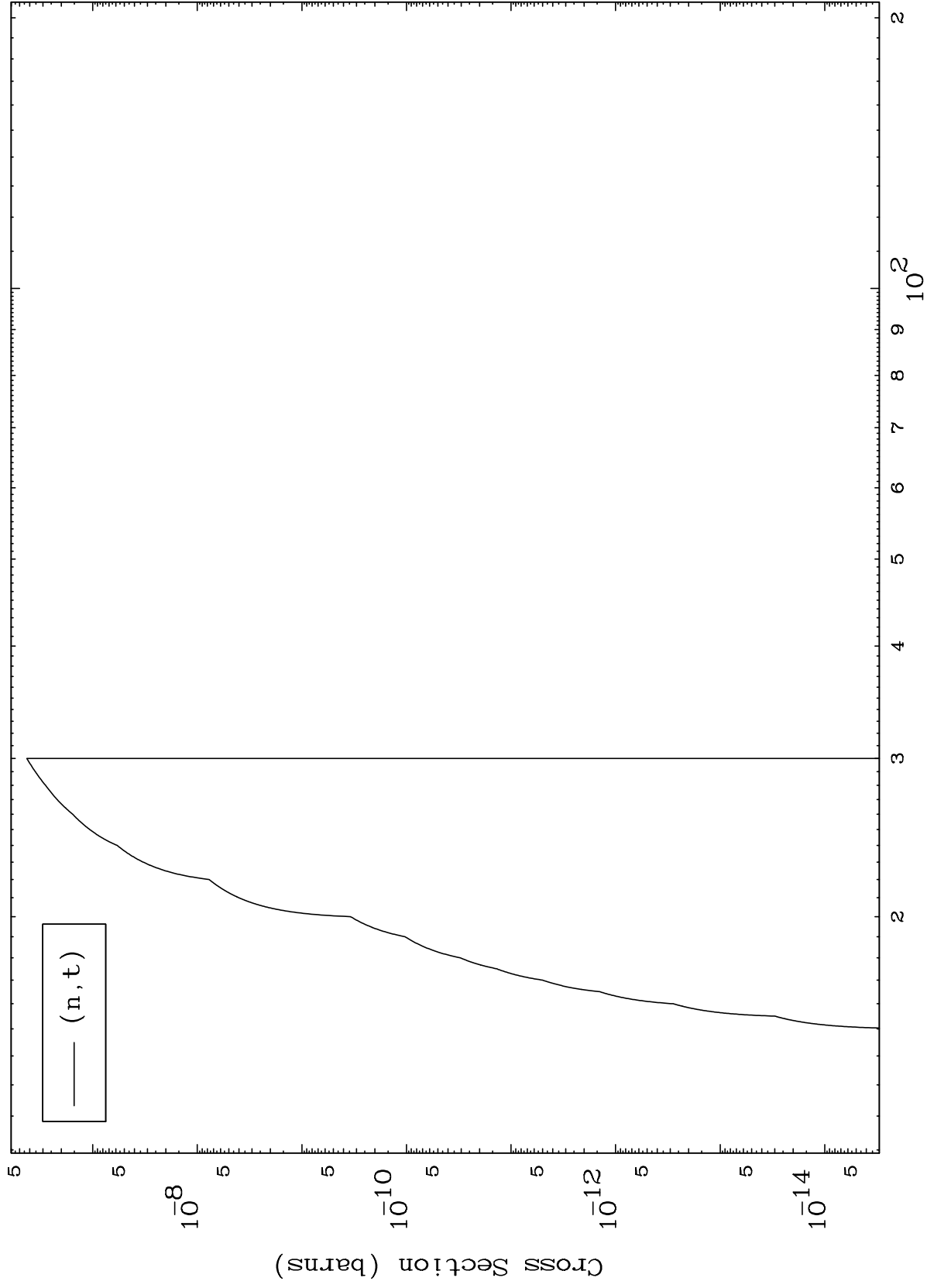
Incident Energy (MeV)

9

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(γ, t) Levels
0 Kelvin Cross Sections

77-Ir-171

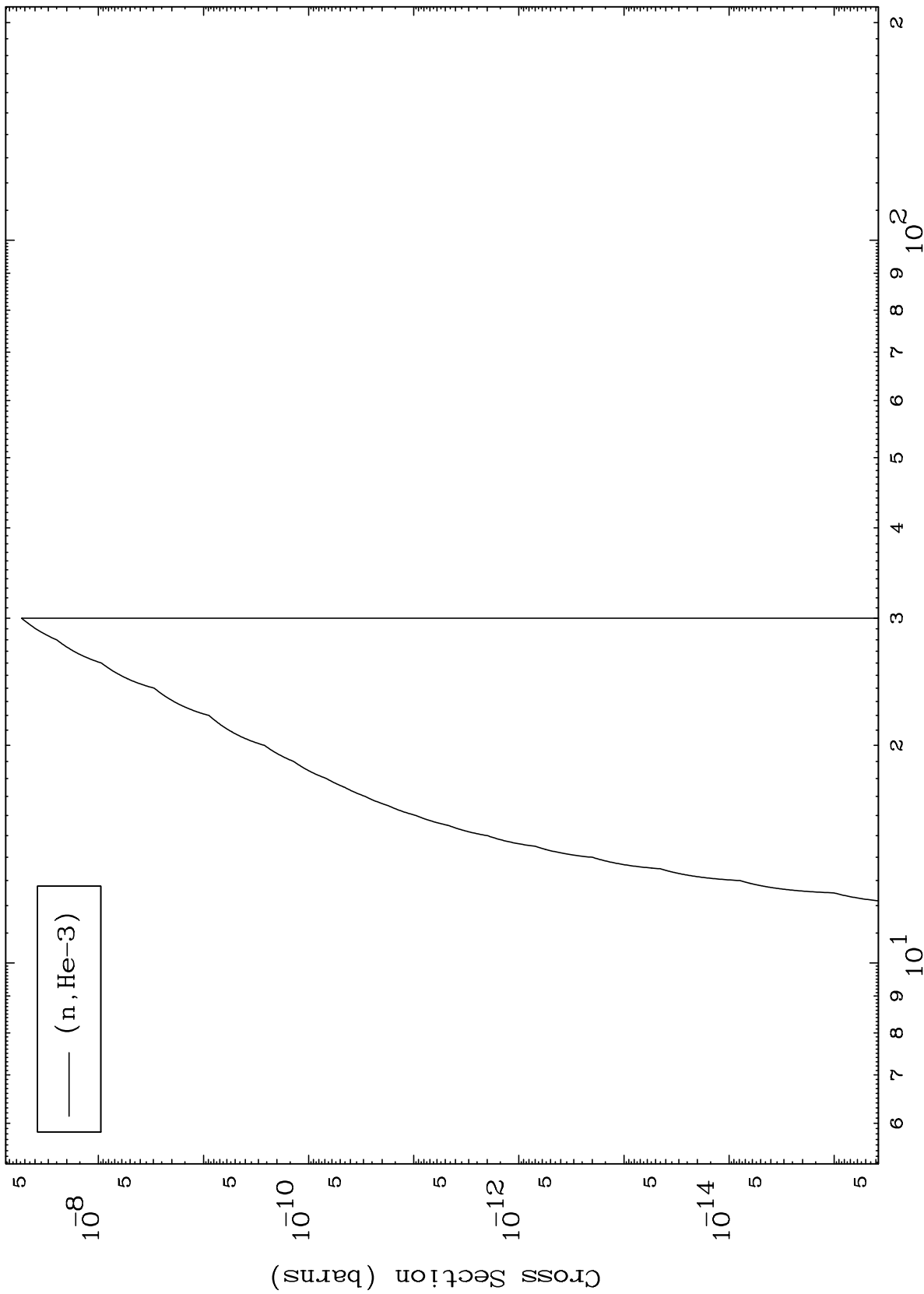


10

Incident Energy (MeV)

77-Ir-171

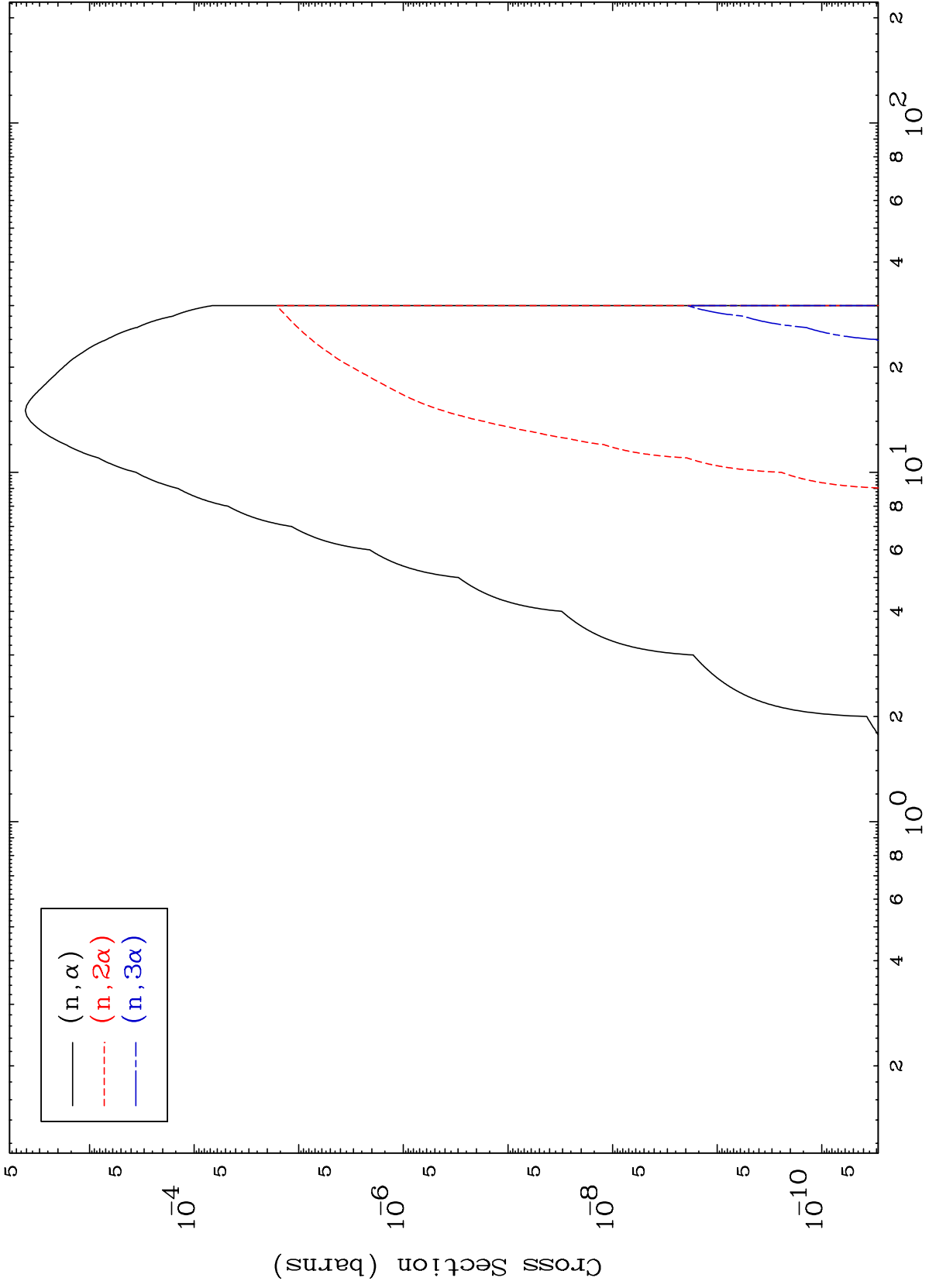
($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections



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(γ, α) Levels
0 Kelvin Cross Sections

⁷⁷Ir-171



12

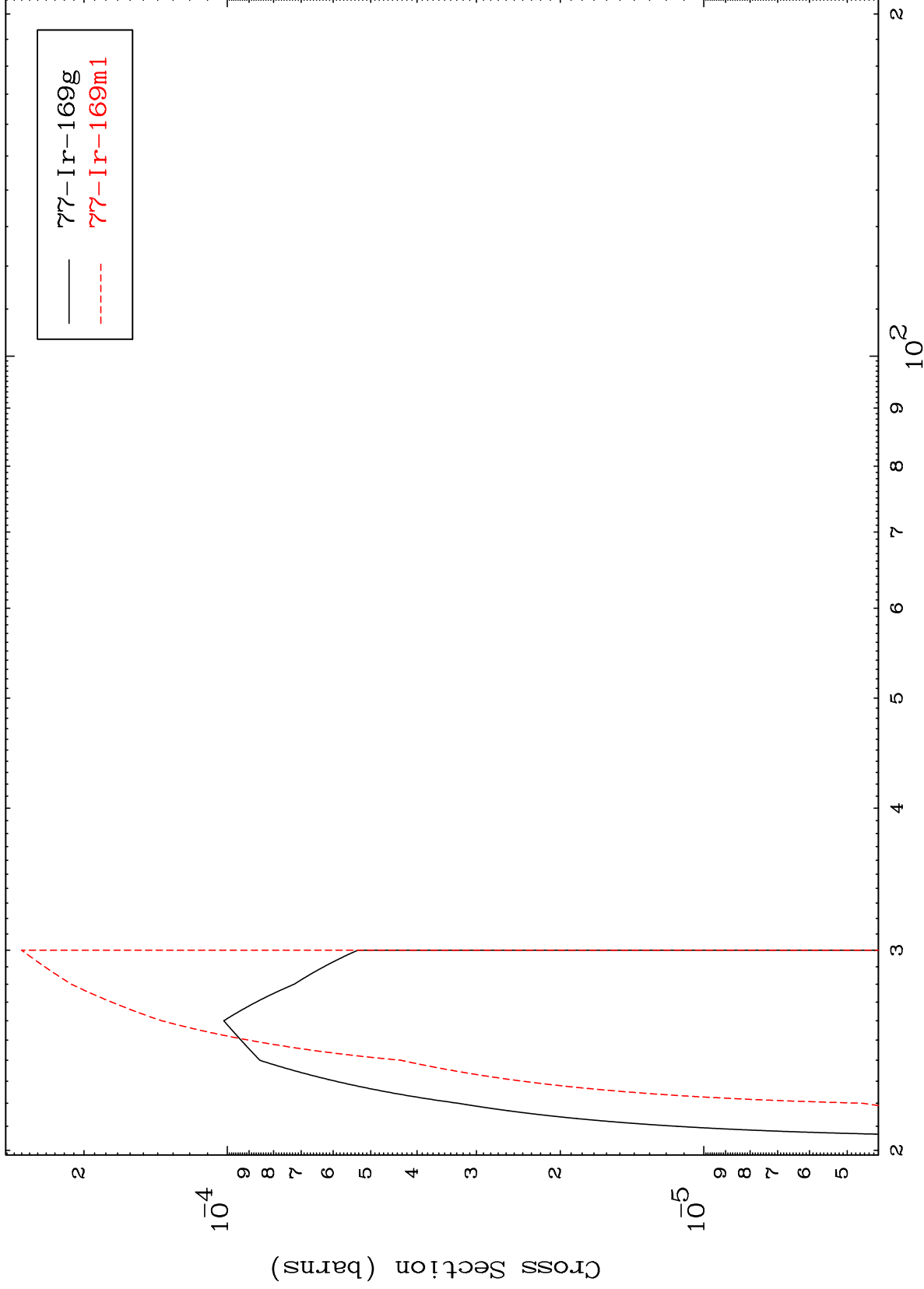
Incident Energy (MeV)

⁷⁷Ir-171

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⁷⁷Ir-171

(n,2n)
Radionuclide Production Cross Section



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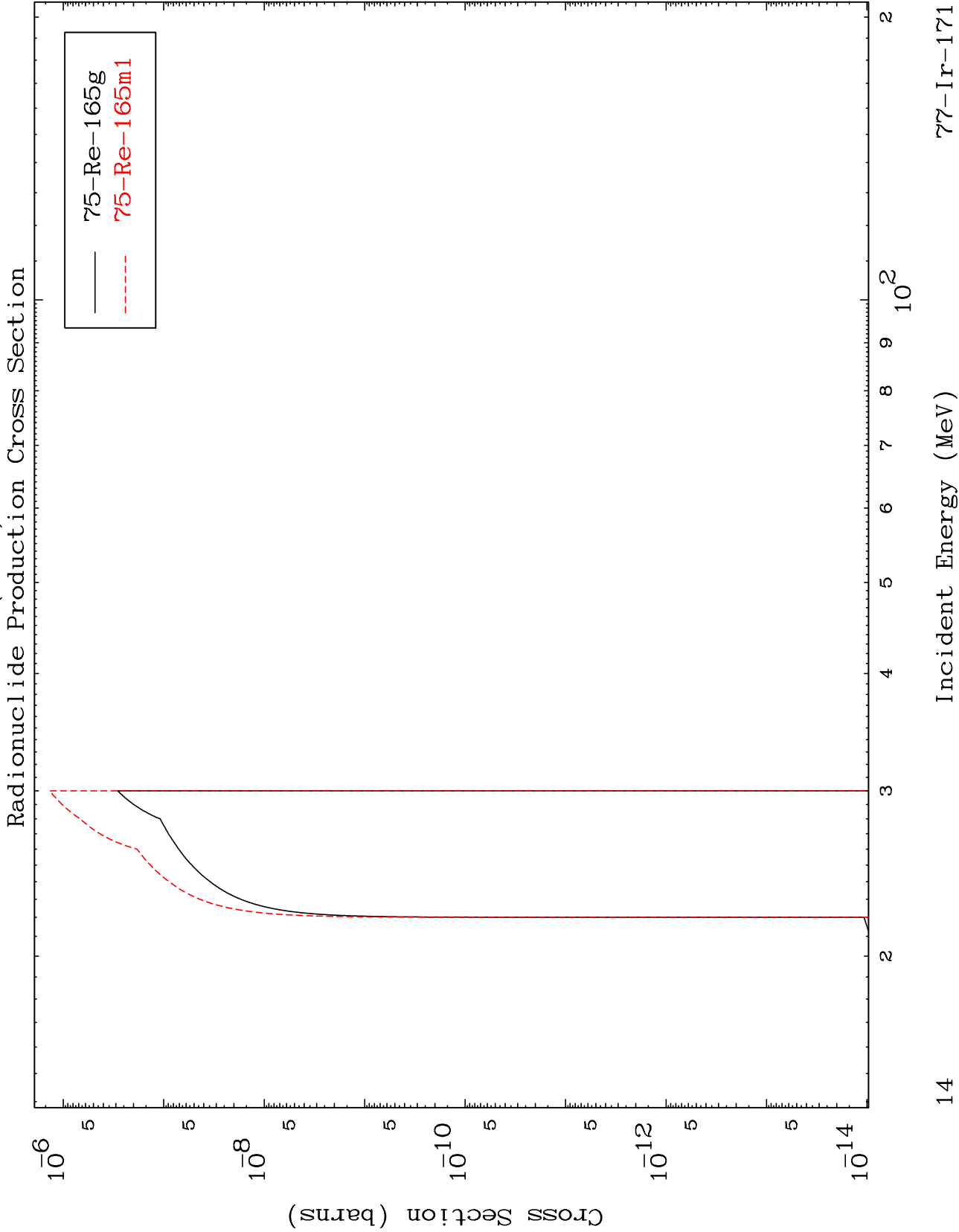
Incident Energy (MeV)

⁷⁷Ir-171

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(n,2n) α

77-Ir-171



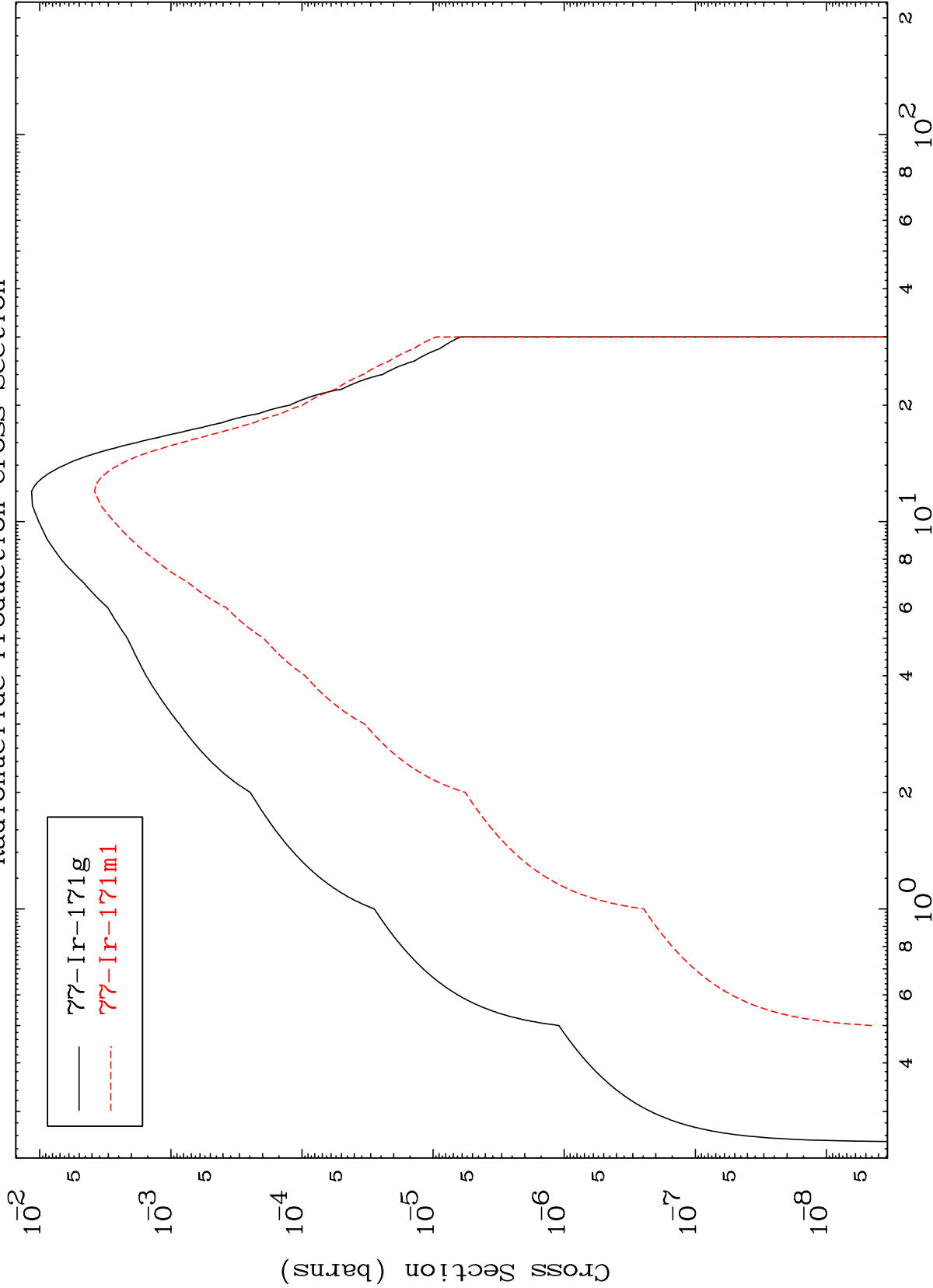
14

77-Ir-171

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⁷⁷Ir-171

Radionuclide Production Cross Section



— ⁷⁷Ir-171g
- - - ⁷⁷Ir-171m1

Incident Energy (MeV)

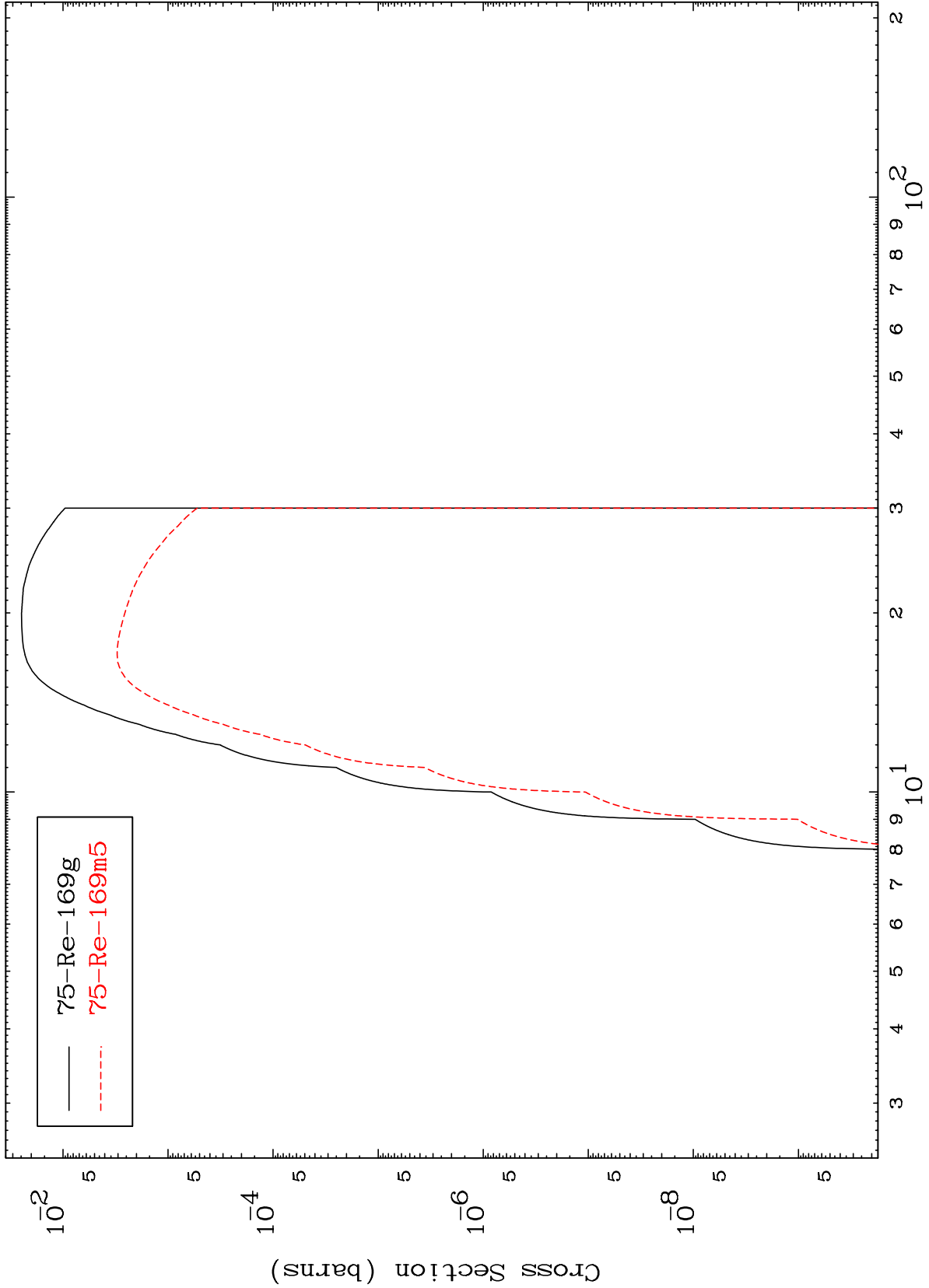
⁷⁷Ir-171

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77-Ir-171

Radionuclide Production Cross Section
(n,2p)



— 75-Re-169g
- - - 75-Re-169m5

16

Incident Energy (MeV)

77-Ir-171