

Program EVALPLOT
(Version 2021-1)

by

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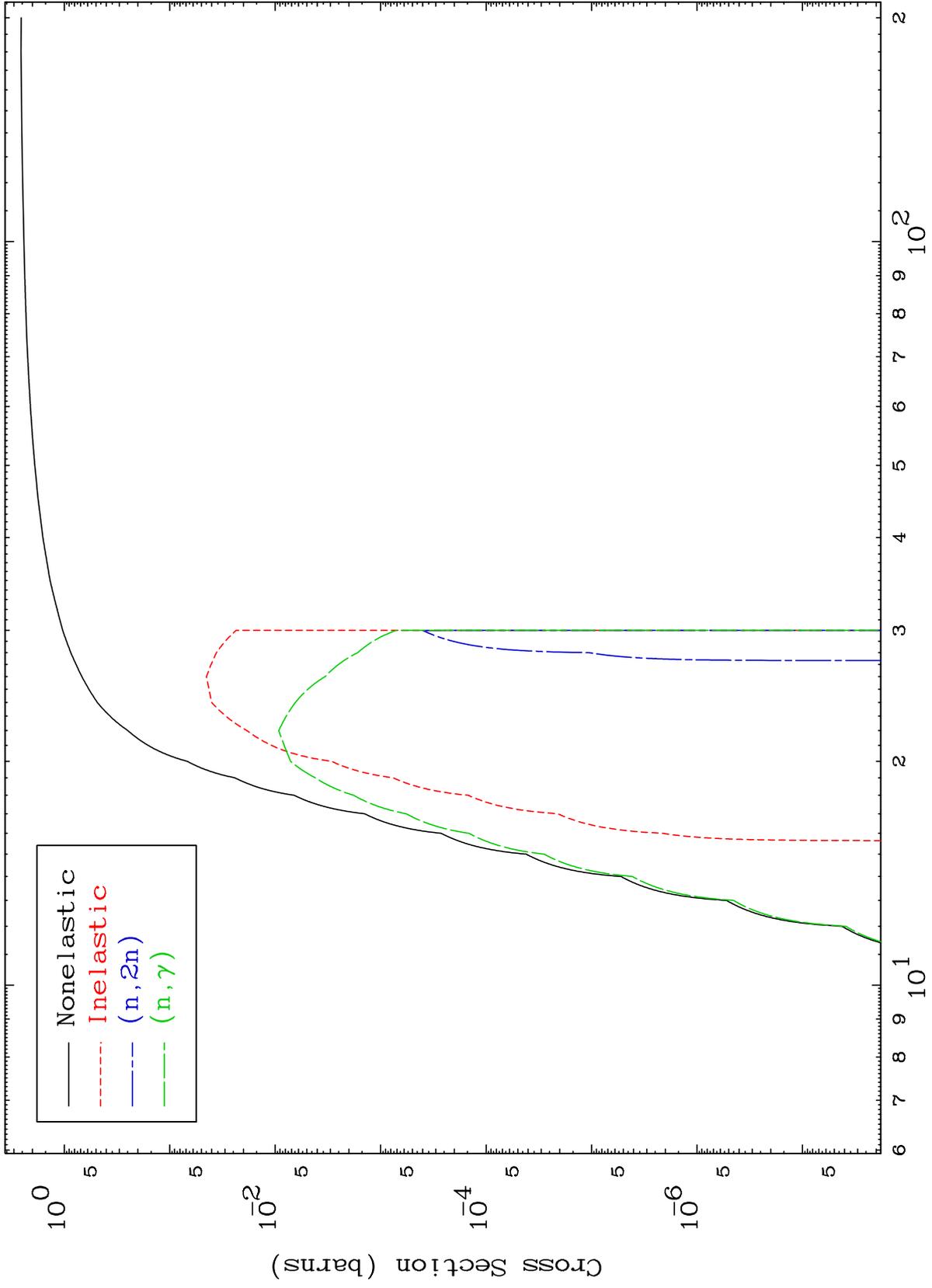
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Press Mouse Button to Start

MAT 7669

0 Kelvin Cross Sections

77-Ir-172m



1

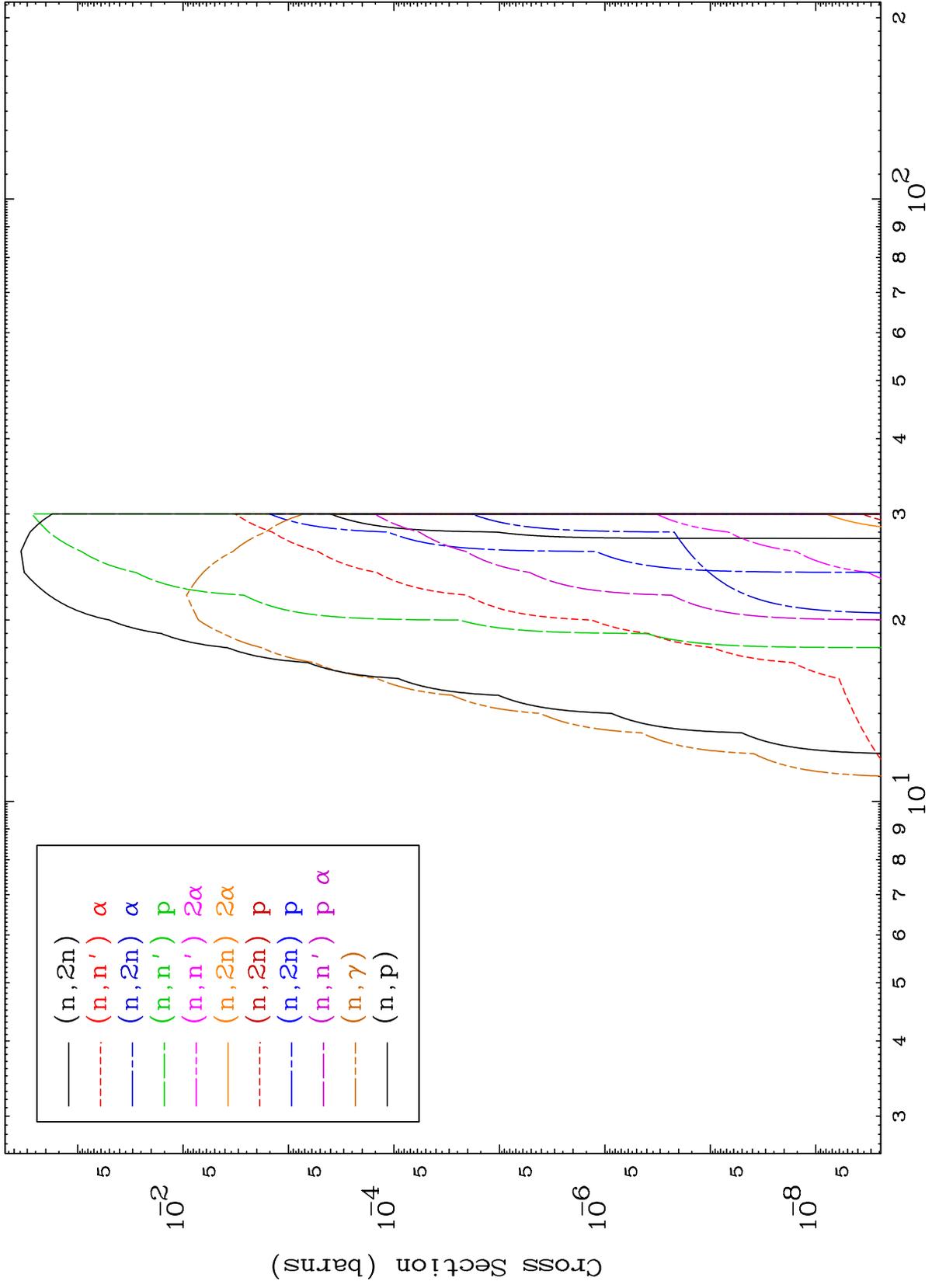
Incident Energy (MeV)

77-Ir-172m

MAT 7669

α Neutron Absorption
0 Kelvin Cross Sections

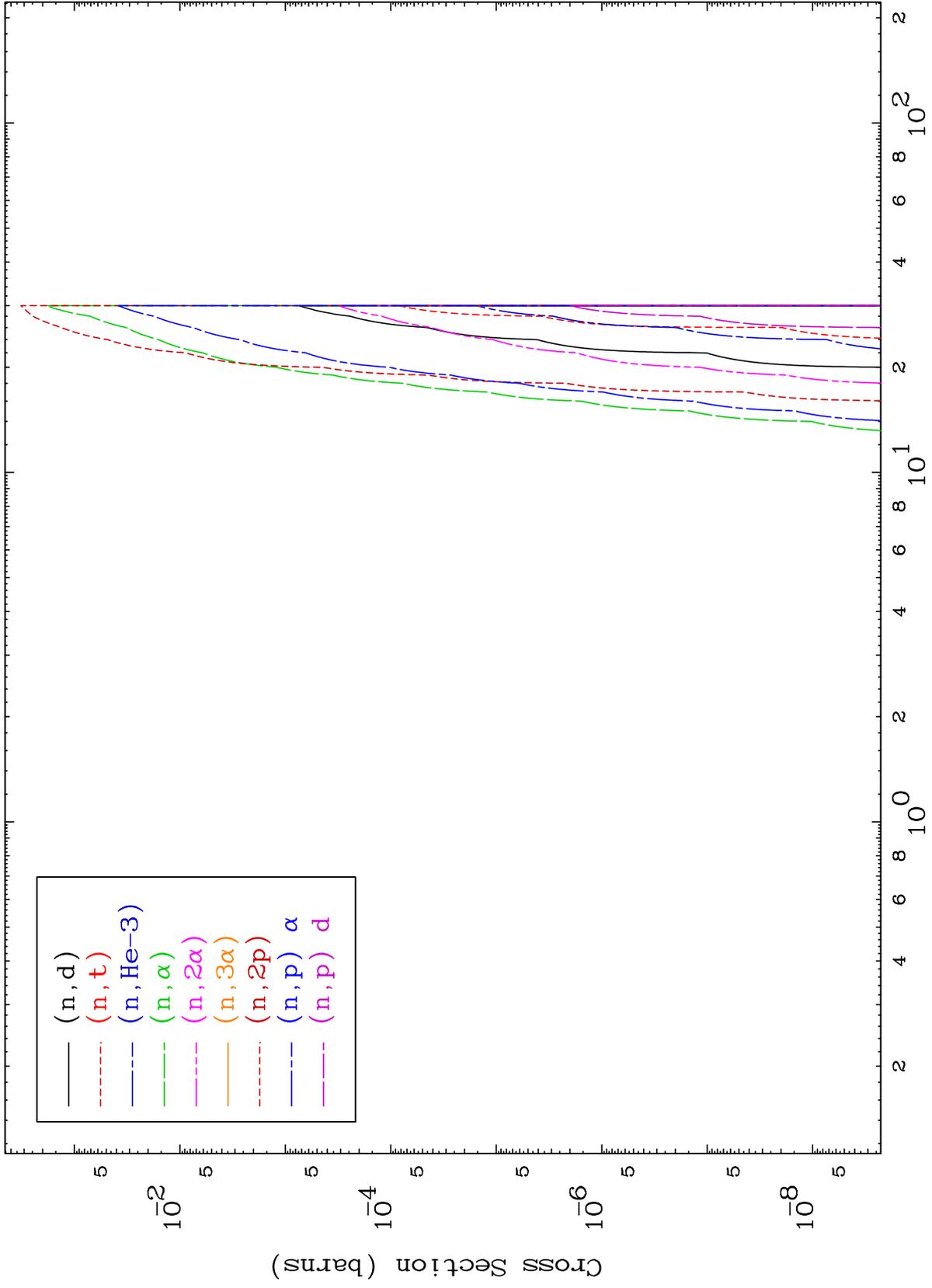
77-Ir-172m

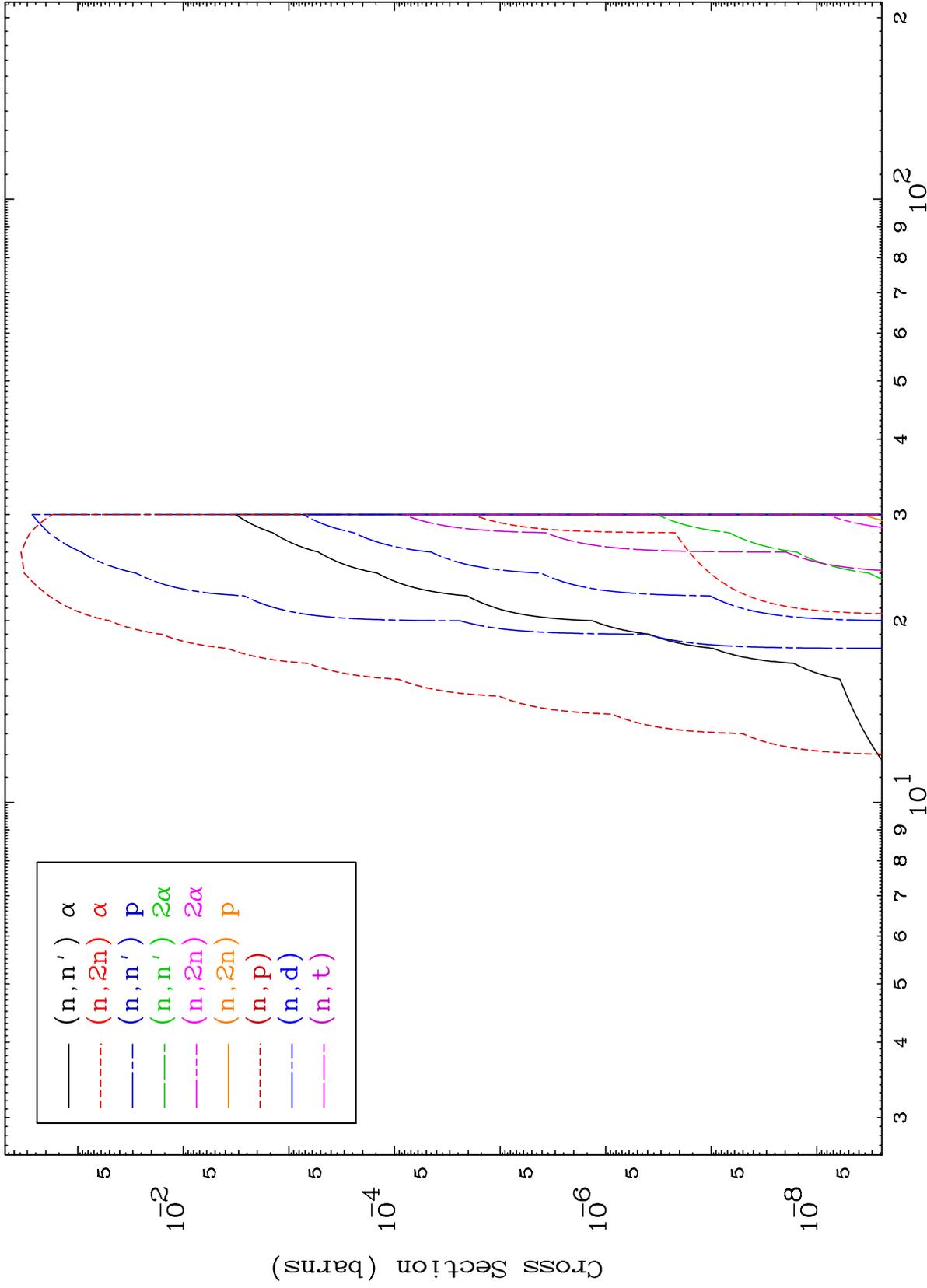


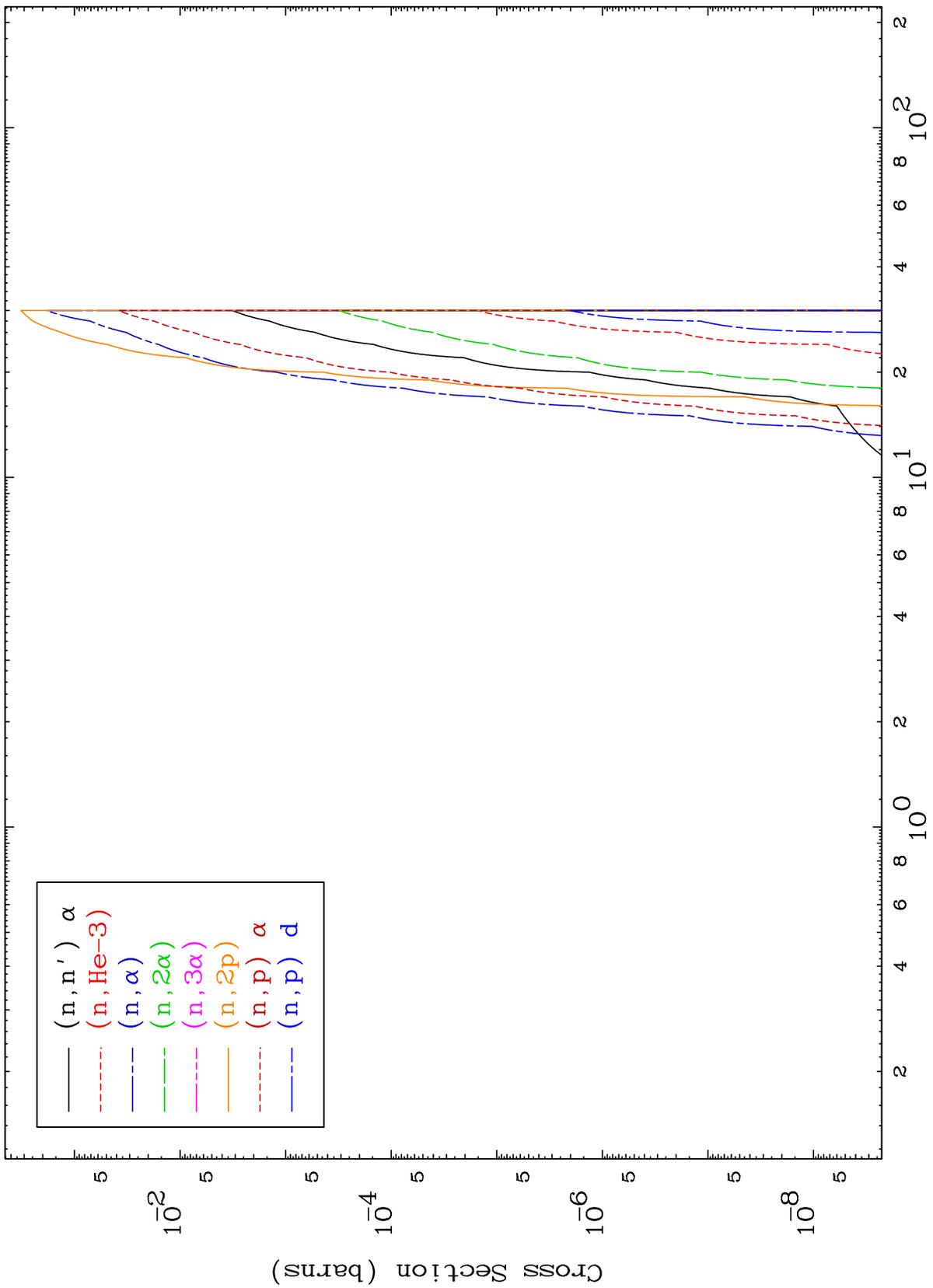
MAT 7669

α Neutron Absorption
0 Kelvin Cross Sections

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



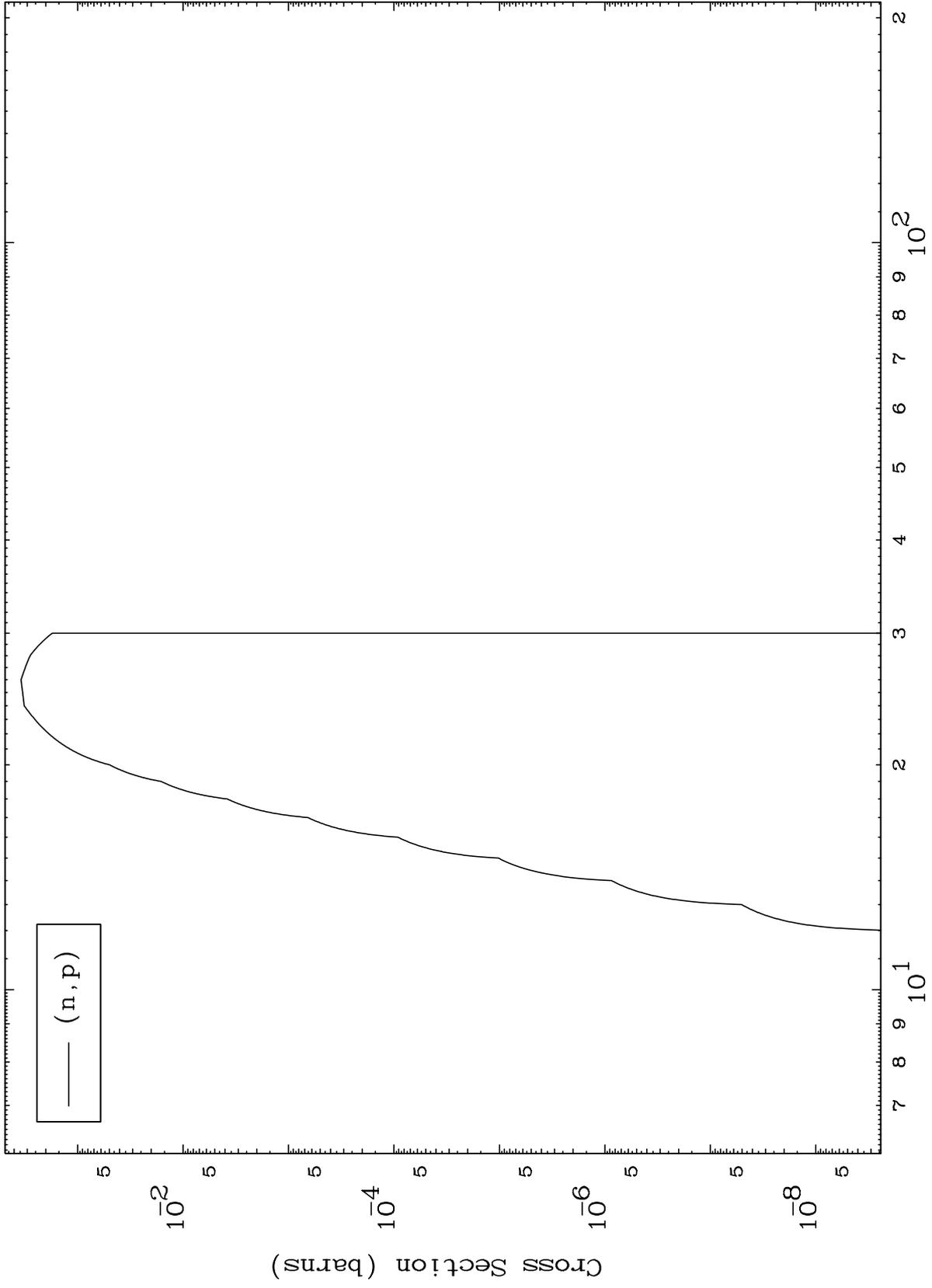




MAT 7669

(α, p) Levels
0 Kelvin Cross Sections

77-Ir-172m



6

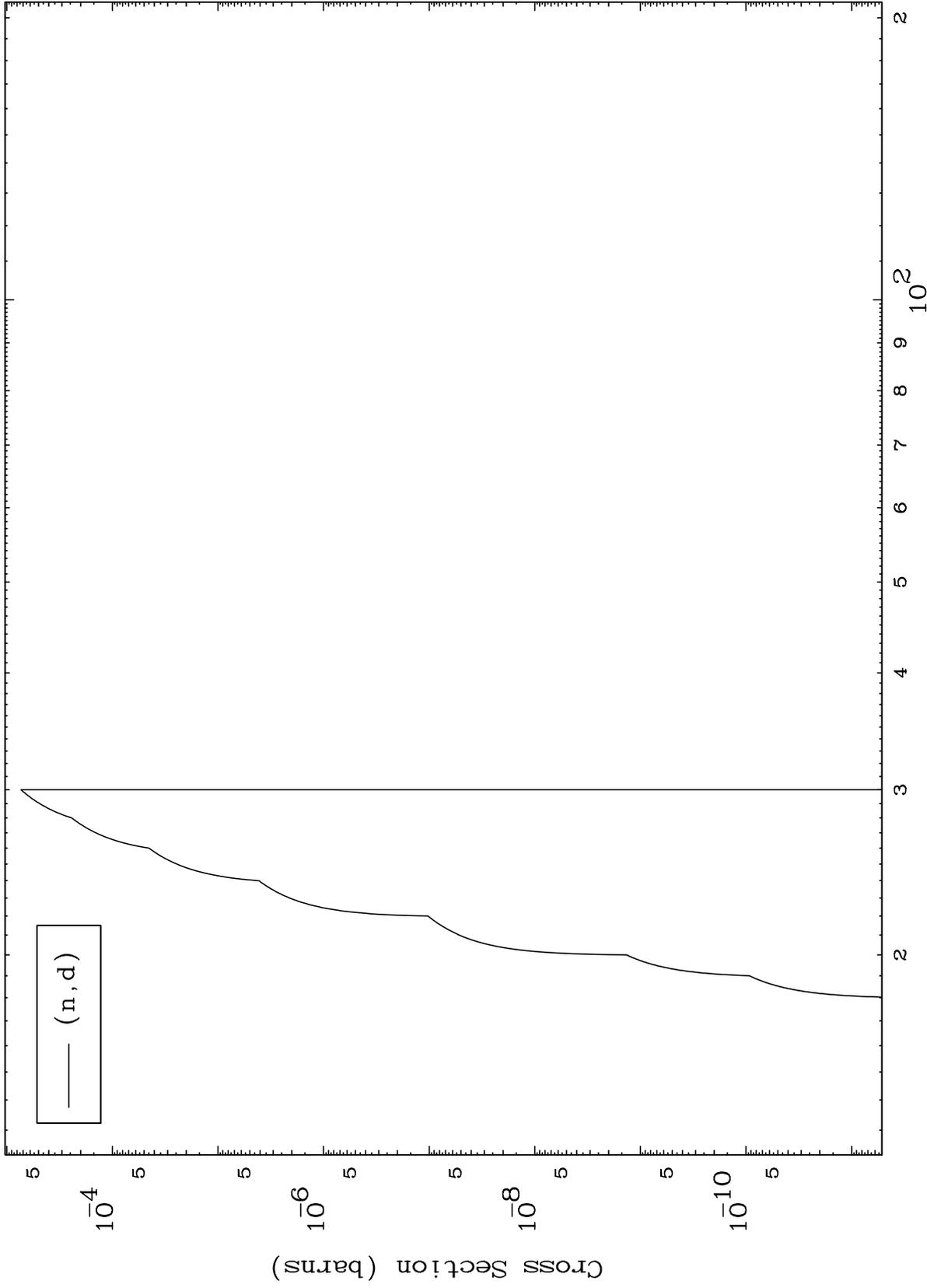
Incident Energy (MeV)

77-Ir-172m

MAT 7669

(α, d) Levels
0 Kelvin Cross Sections

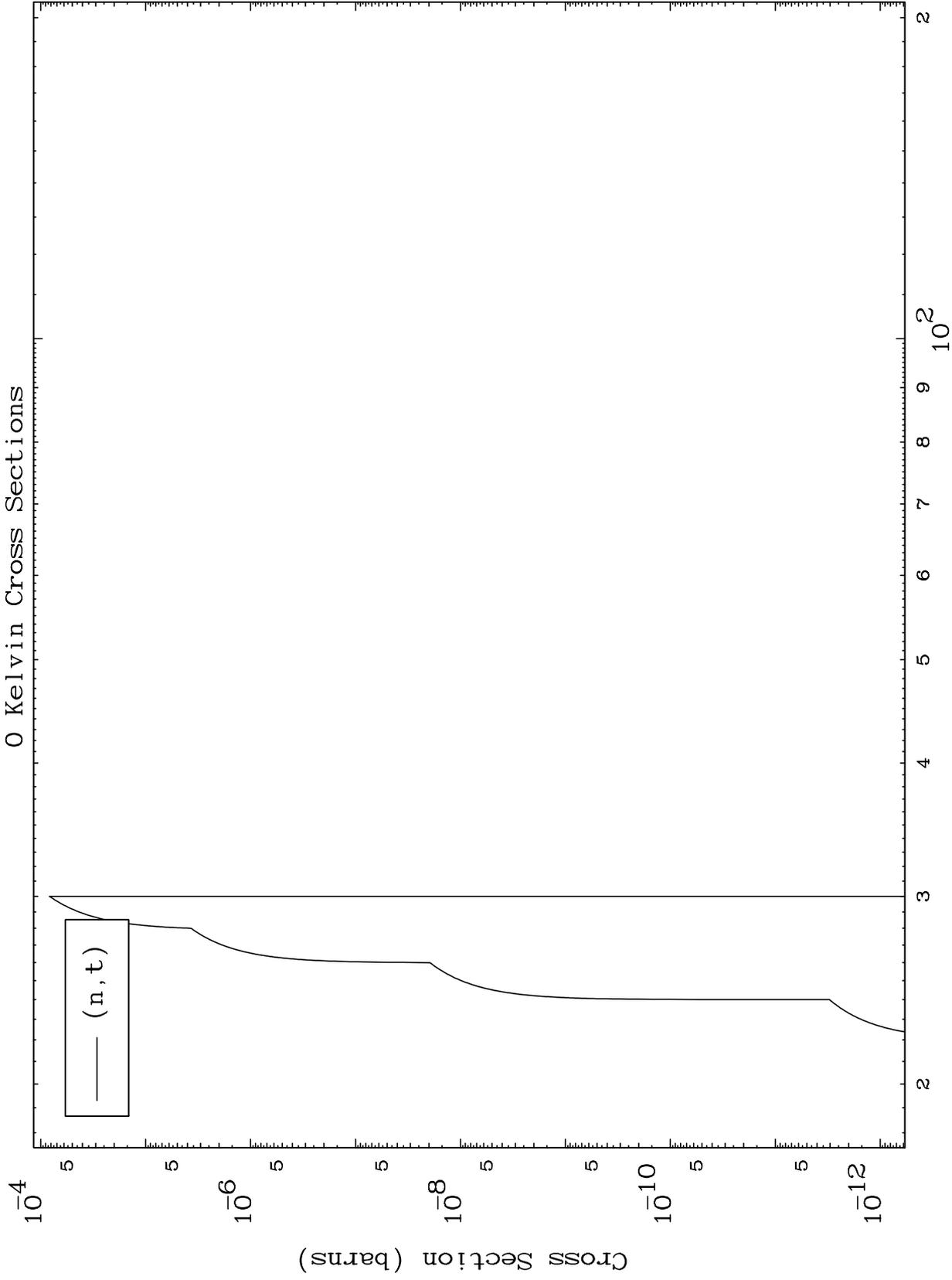
77-Ir-172m



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(α, t) Levels
0 Kelvin Cross Sections

77-Ir-172m



8

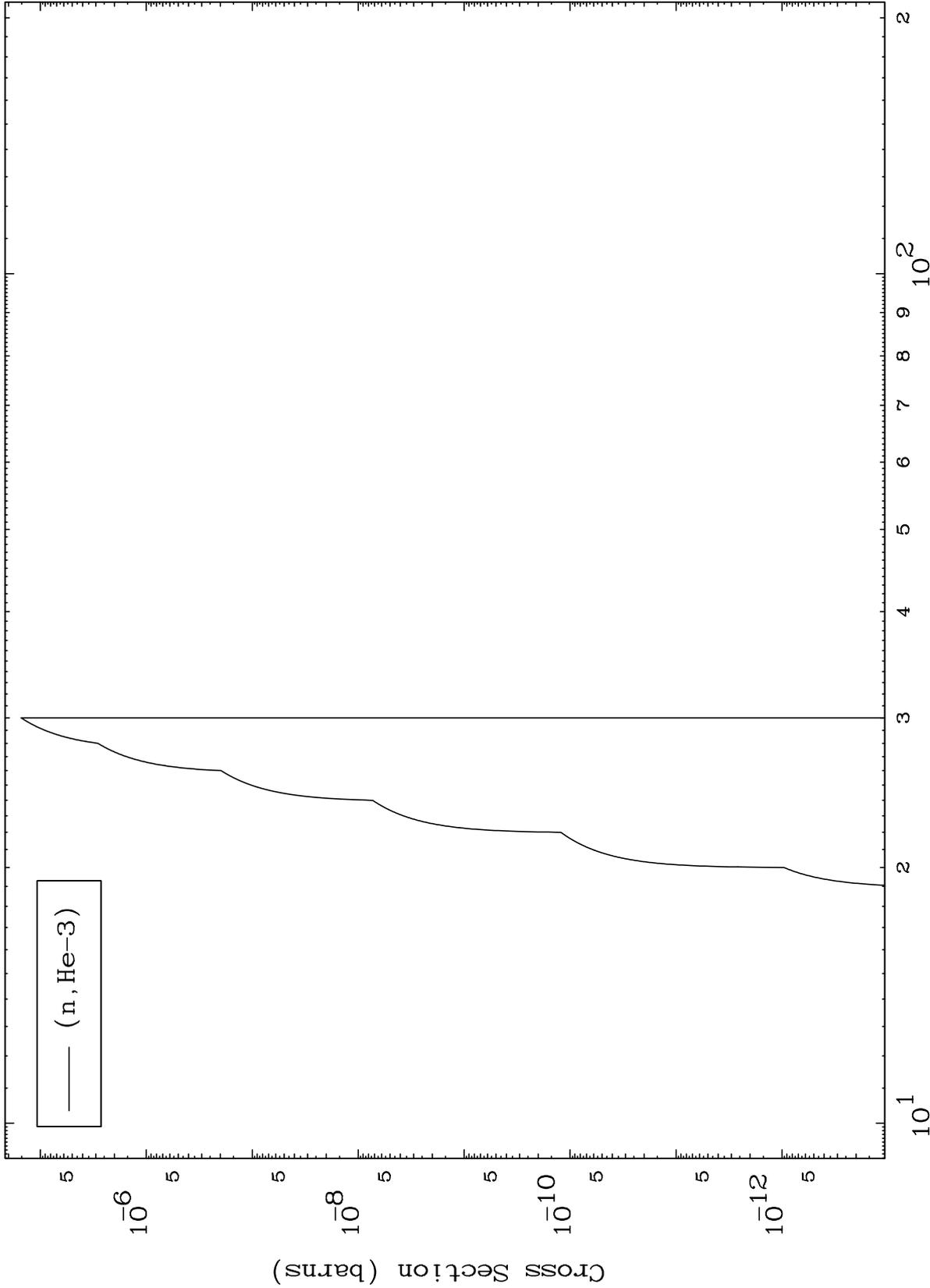
Incident Energy (MeV)

77-Ir-172m

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

77-Ir-172m



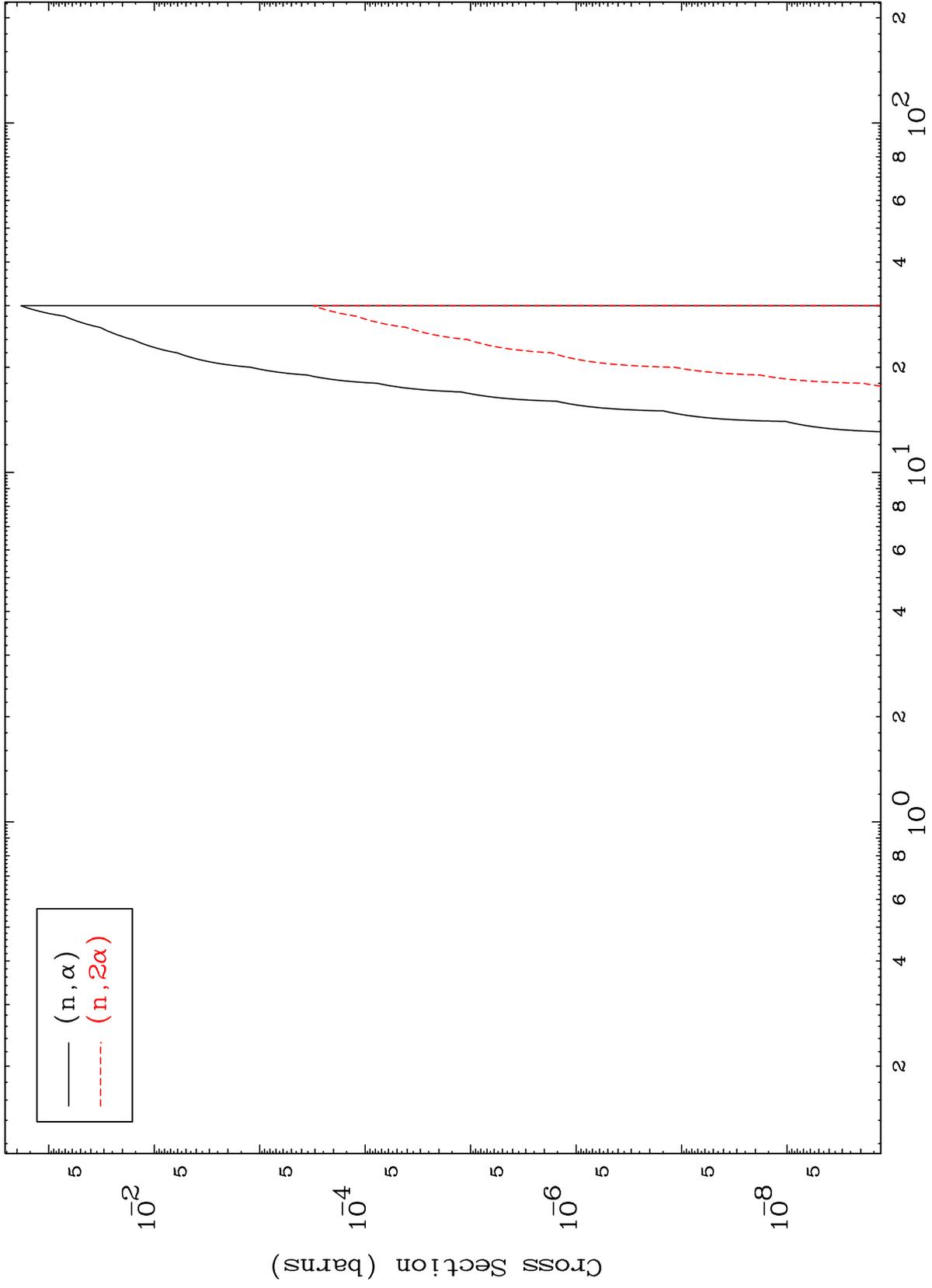
Incident Energy (MeV)

77-Ir-172m

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(α, α) Levels
0 Kelvin Cross Sections

77-Ir-172m



— (n, α)
- - - (n, 2α)

10

Incident Energy (MeV)

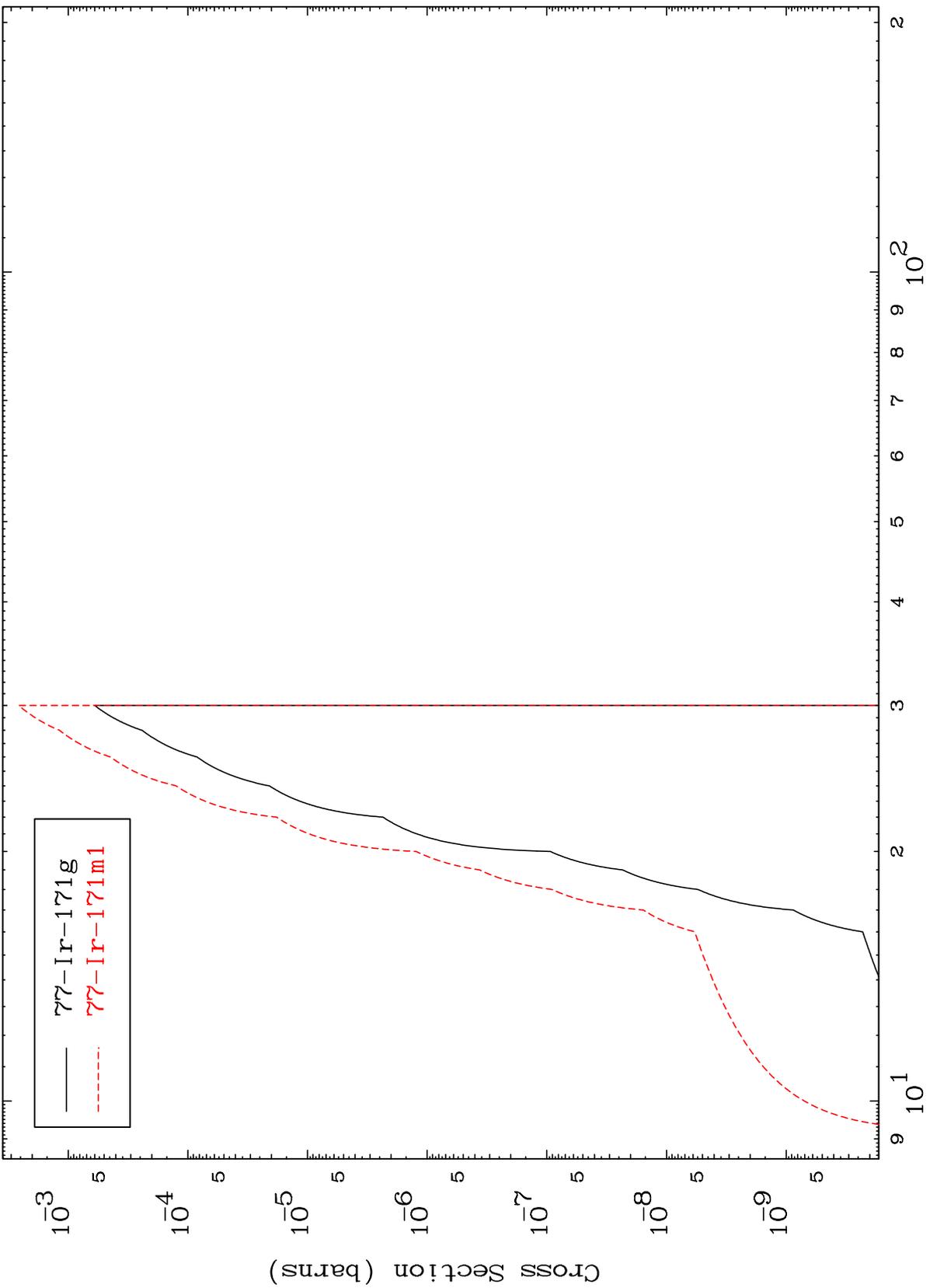
77-Ir-172m

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(n,n') α

⁷⁷Ir-172m

Radionuclide Production Cross Section



— ⁷⁷Ir-171g
- - - ⁷⁷Ir-171m1

11

Incident Energy (MeV)

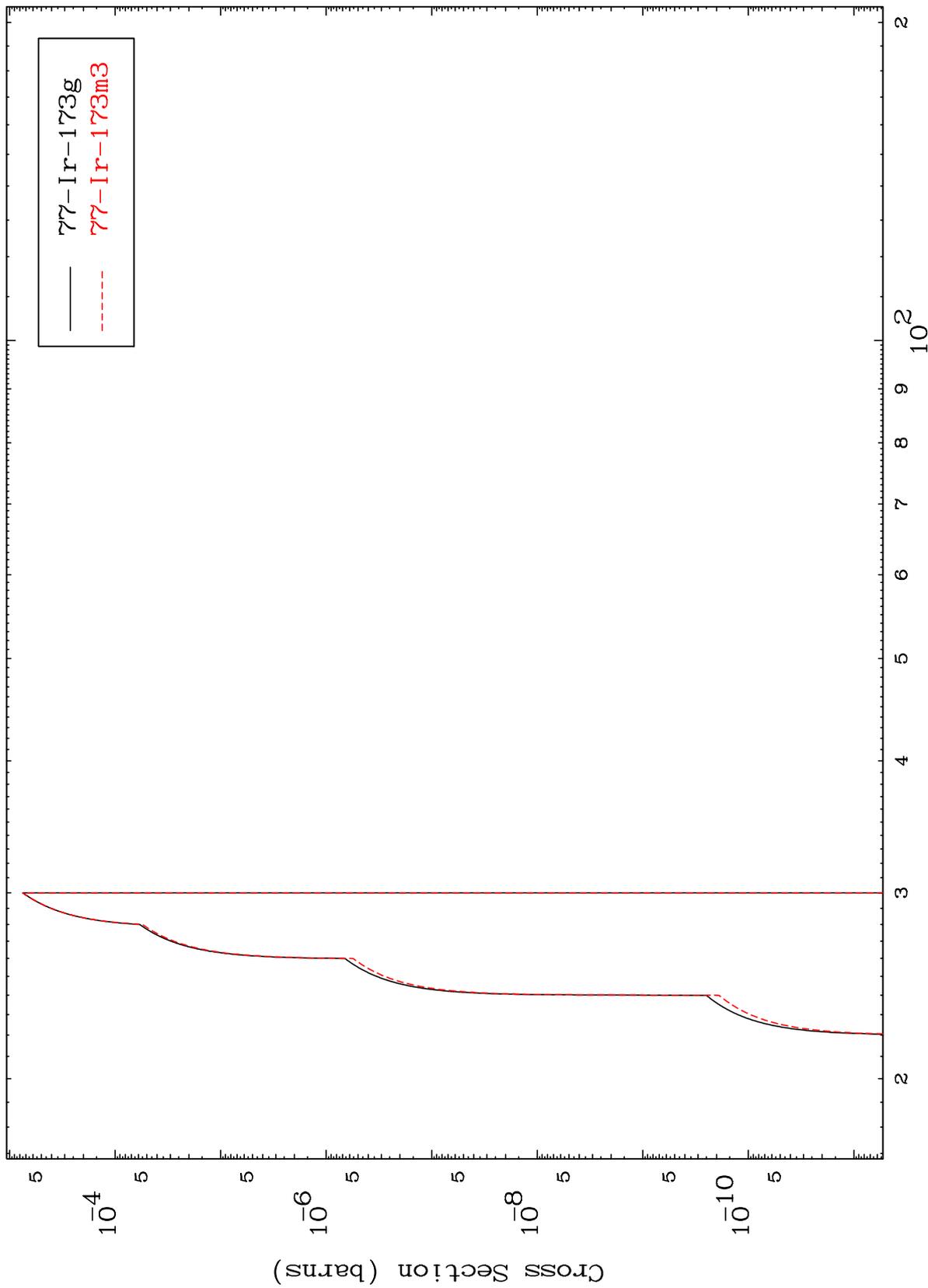
⁷⁷Ir-172m

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⁷⁷Ir-172m

(n,2n) p

Radionuclide Production Cross Section



12

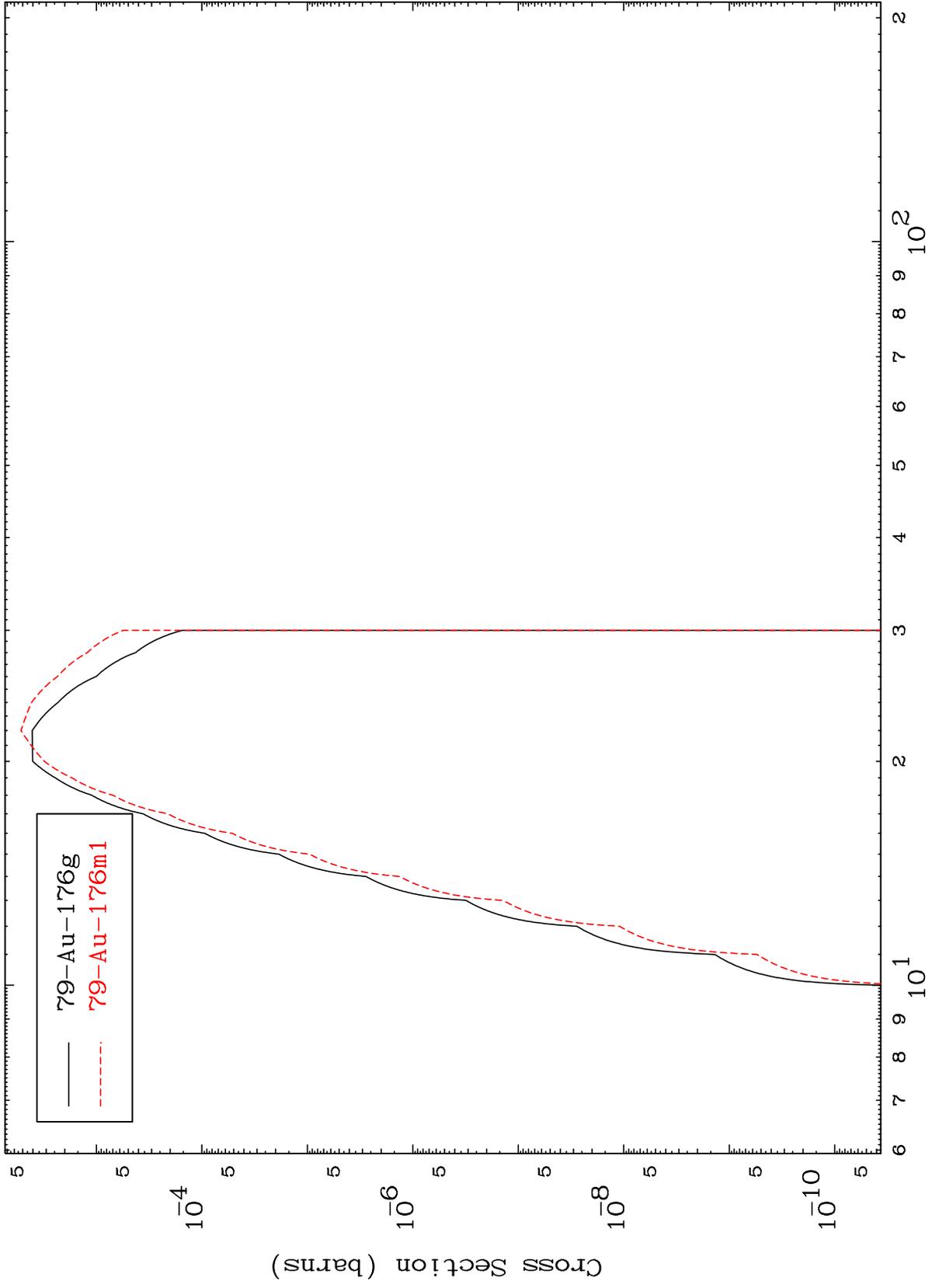
Incident Energy (MeV)

⁷⁷Ir-172m

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⁷⁷Ir-172m

Radionuclide Production Cross Section



⁷⁷Ir-172m

Incident Energy (MeV)

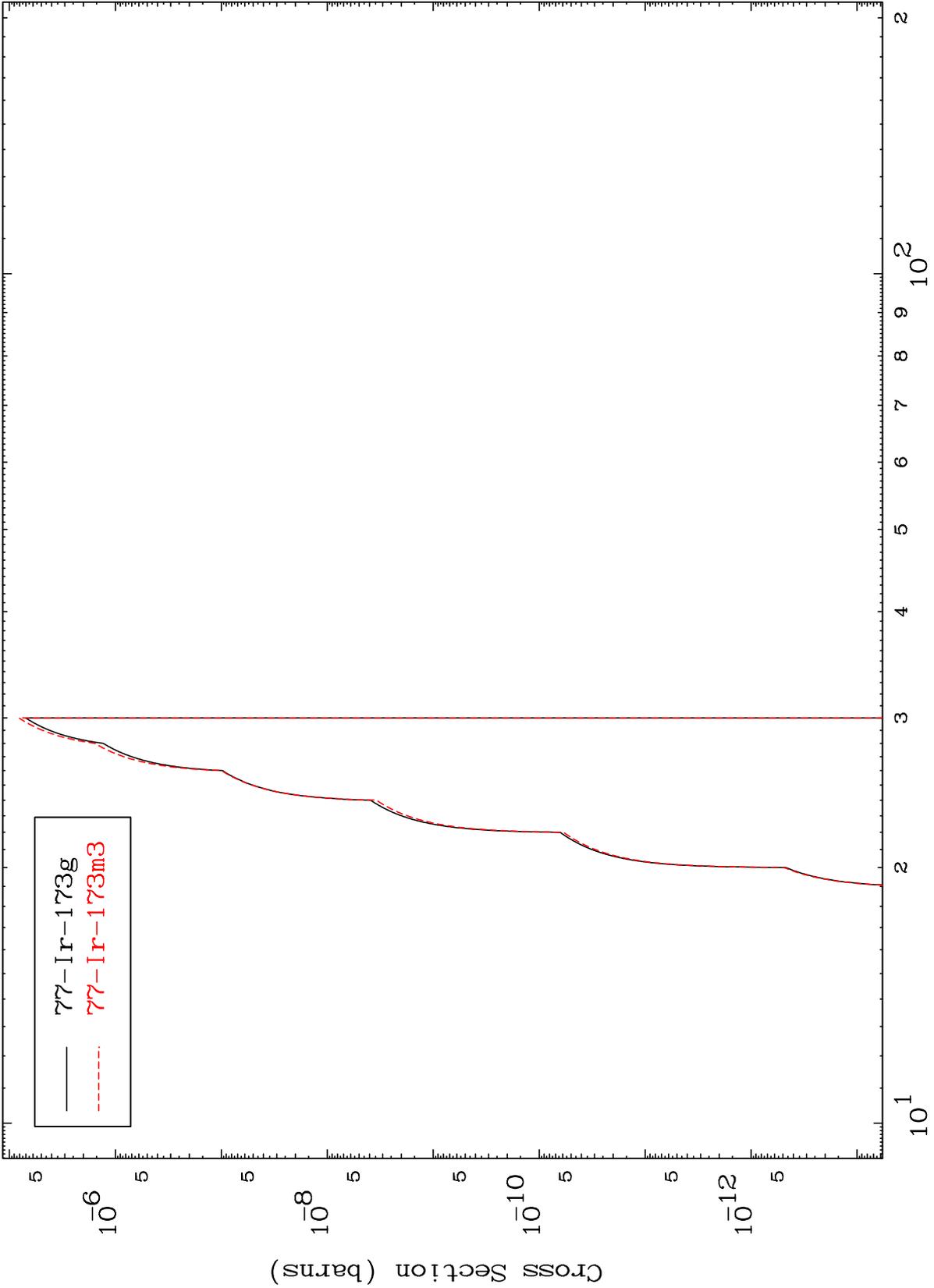
13

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(n,He-3)

⁷⁷Ir-172m

Radionuclide Production Cross Section



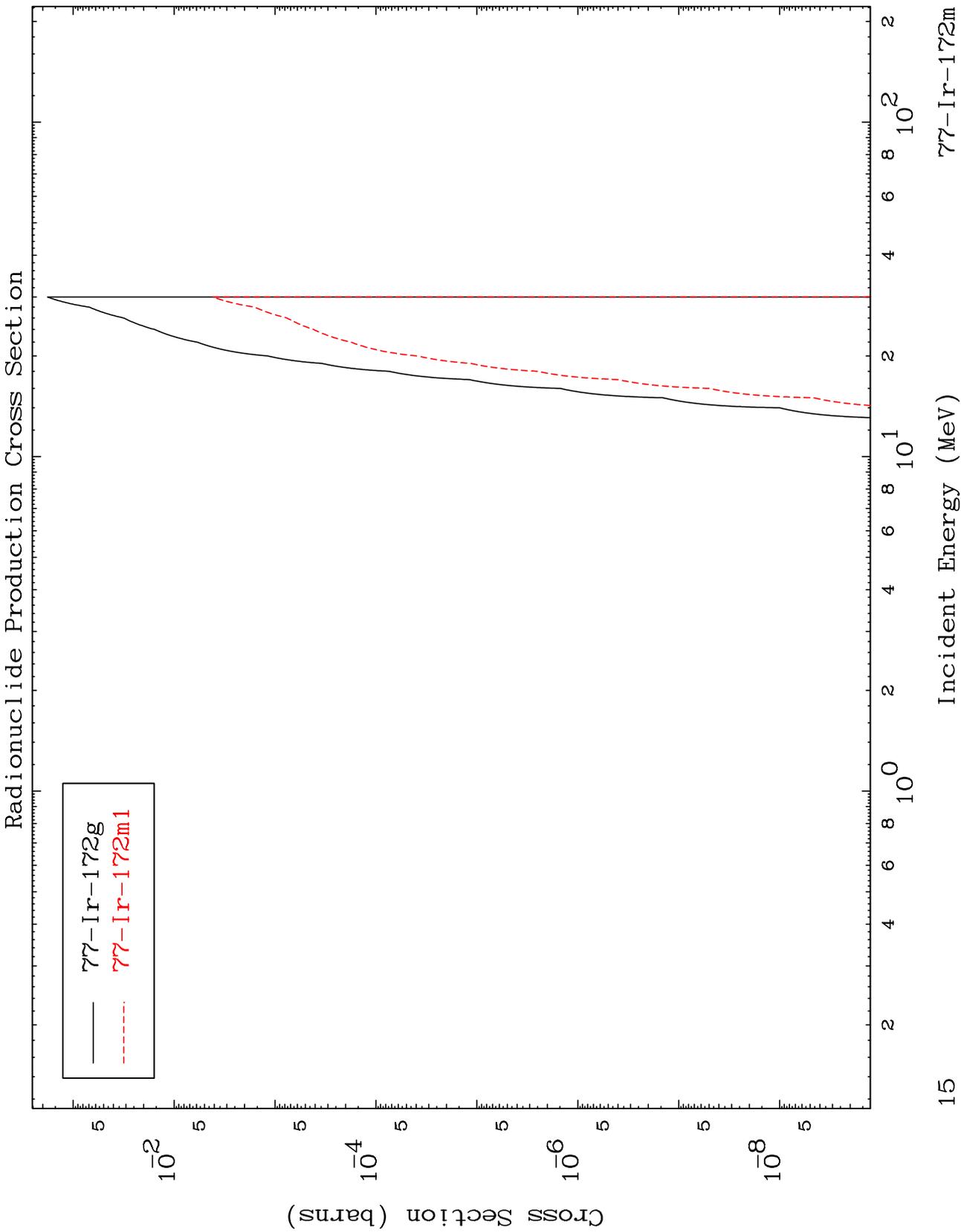
— ⁷⁷Ir-173g
- - - ⁷⁷Ir-173m3

Incident Energy (MeV)

⁷⁷Ir-172m

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⁷⁷Ir-172m

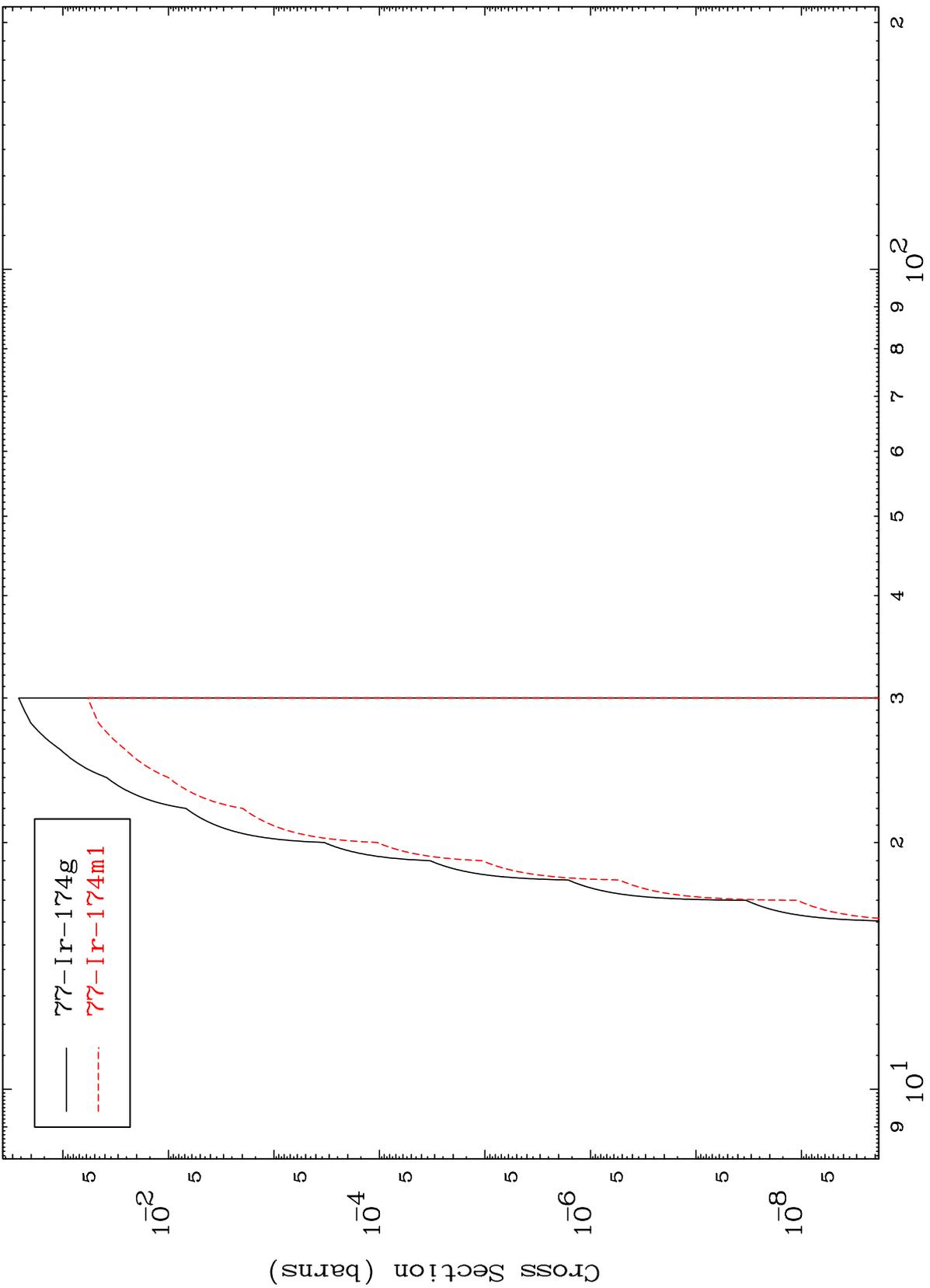


— ⁷⁷Ir-172g
- - - ⁷⁷Ir-172m1

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⁷⁷Ir-172m

Radionuclide Production Cross Section (n,2p)



16

Incident Energy (MeV)

⁷⁷Ir-172m

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(n,p) d

⁷⁷Ir-172m

