

Program EVALPLOT
(Version 2021-1)

by

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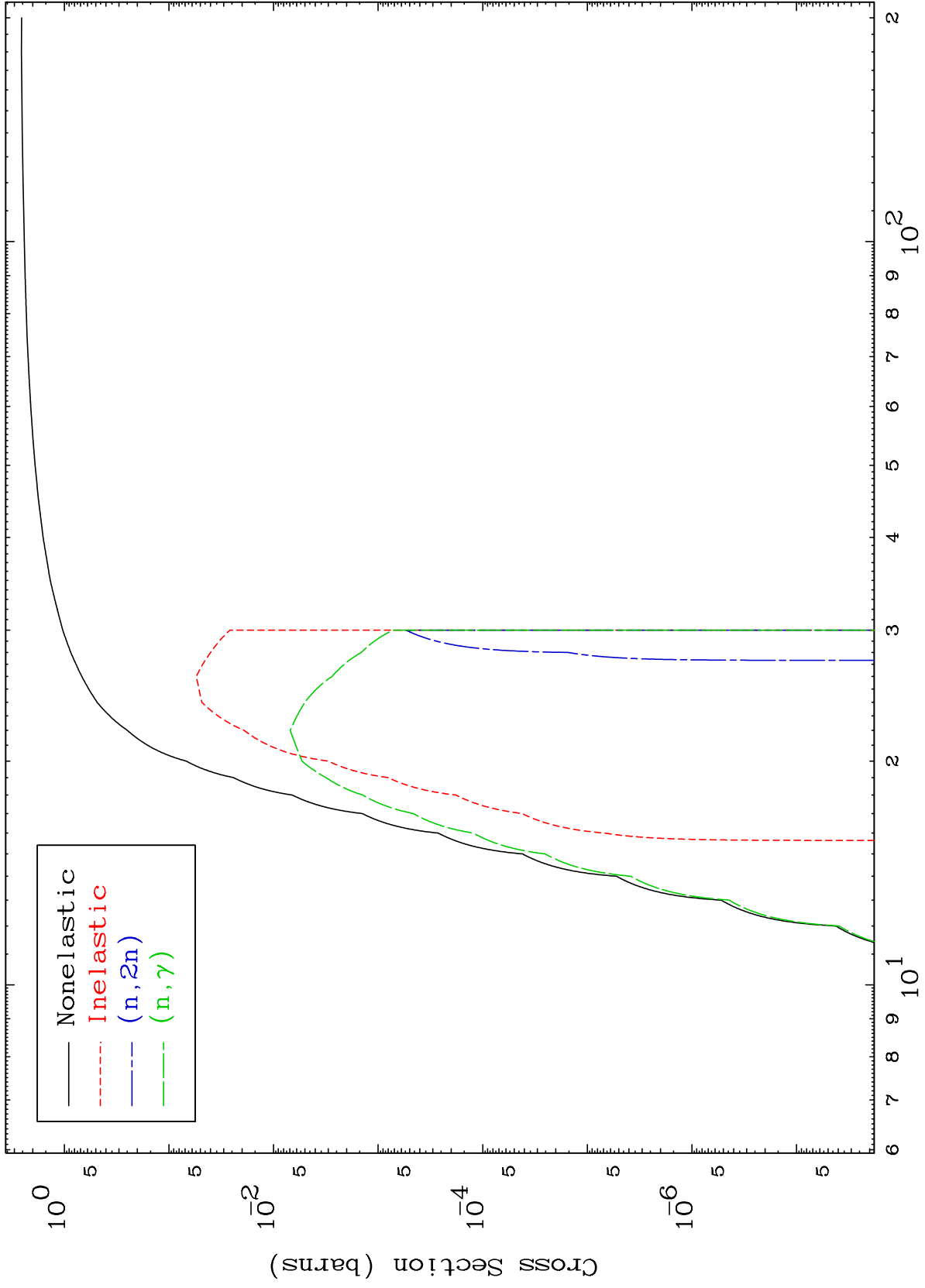
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7669

0 Kelvin Cross Sections

77-Ir-172m



1

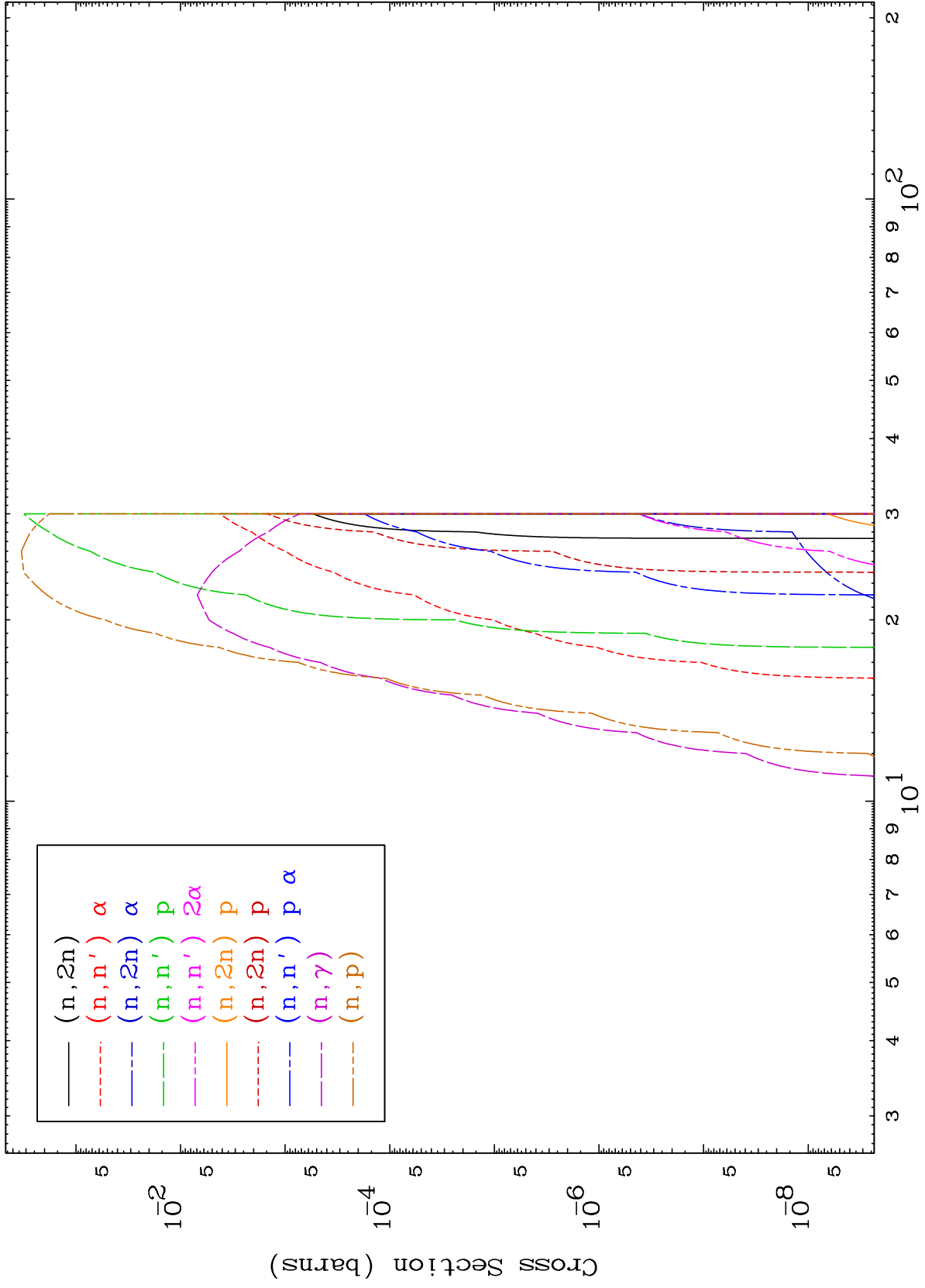
Incident Energy (MeV)

77-Ir-172m

MAT 7669

α Neutron Absorption
0 Kelvin Cross Sections

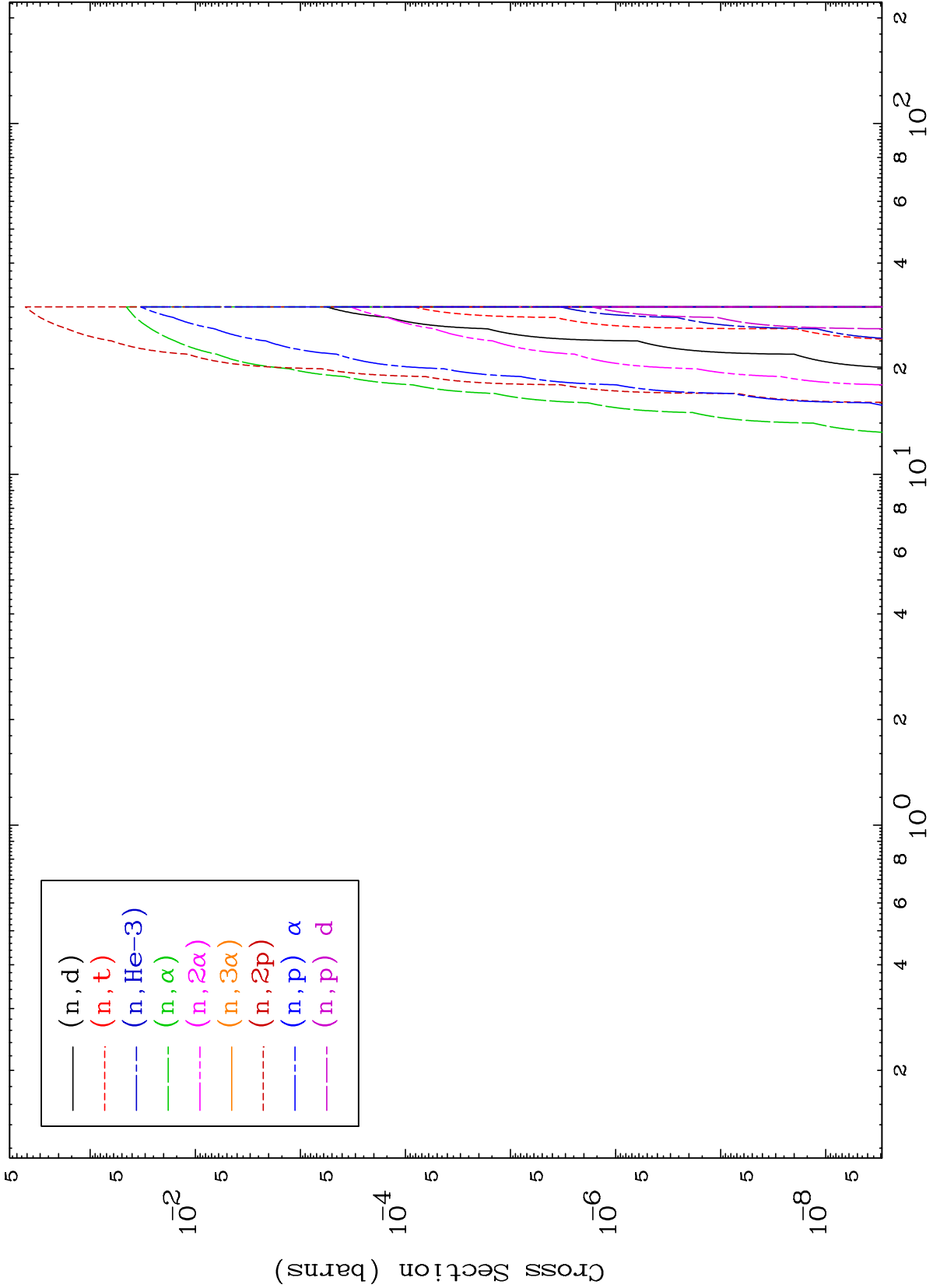
77-Ir-172m



MAT 7669

α Neutron Absorption
0 Kelvin Cross Sections

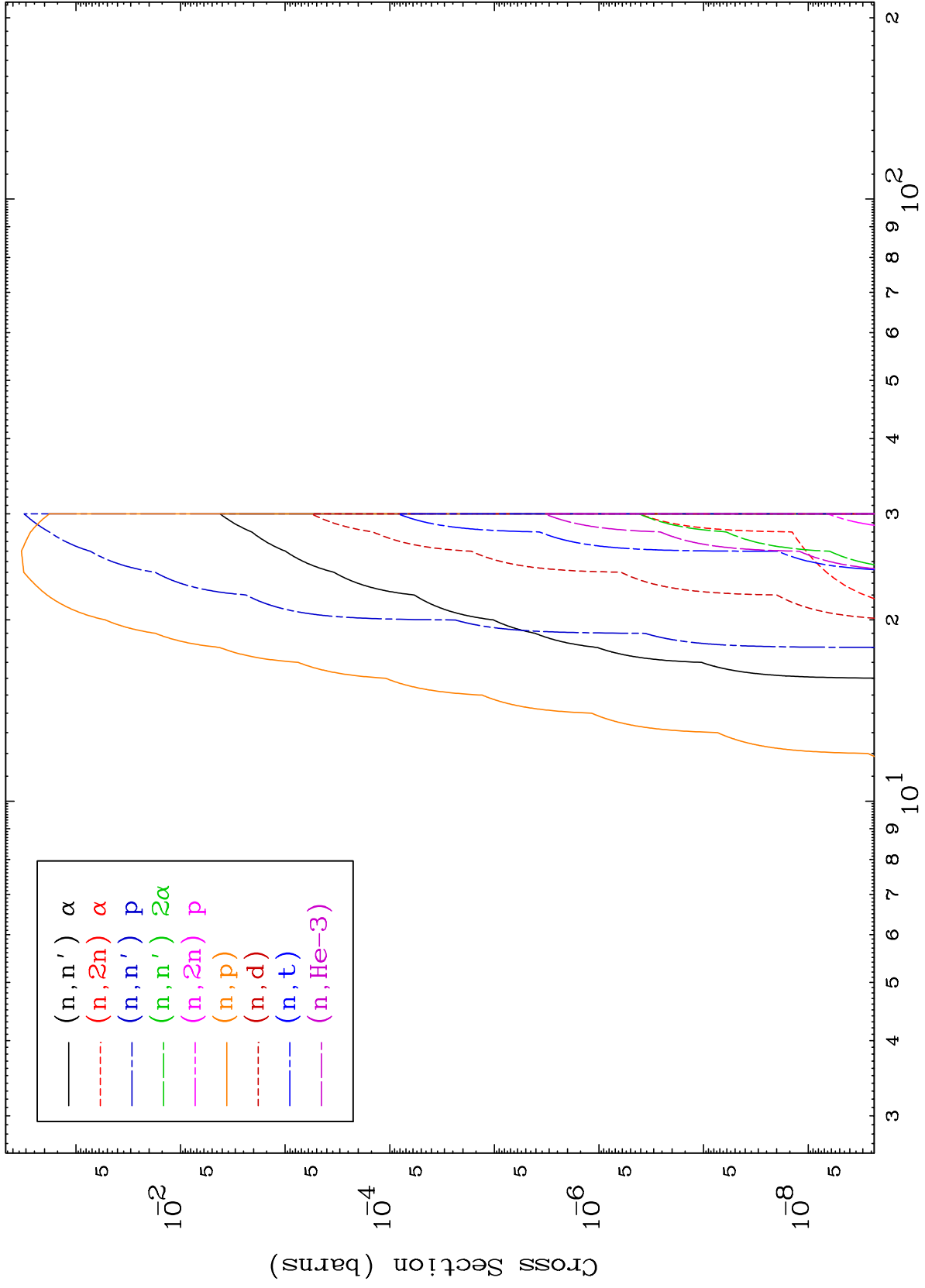
77-Ir-172m



MAT 7669

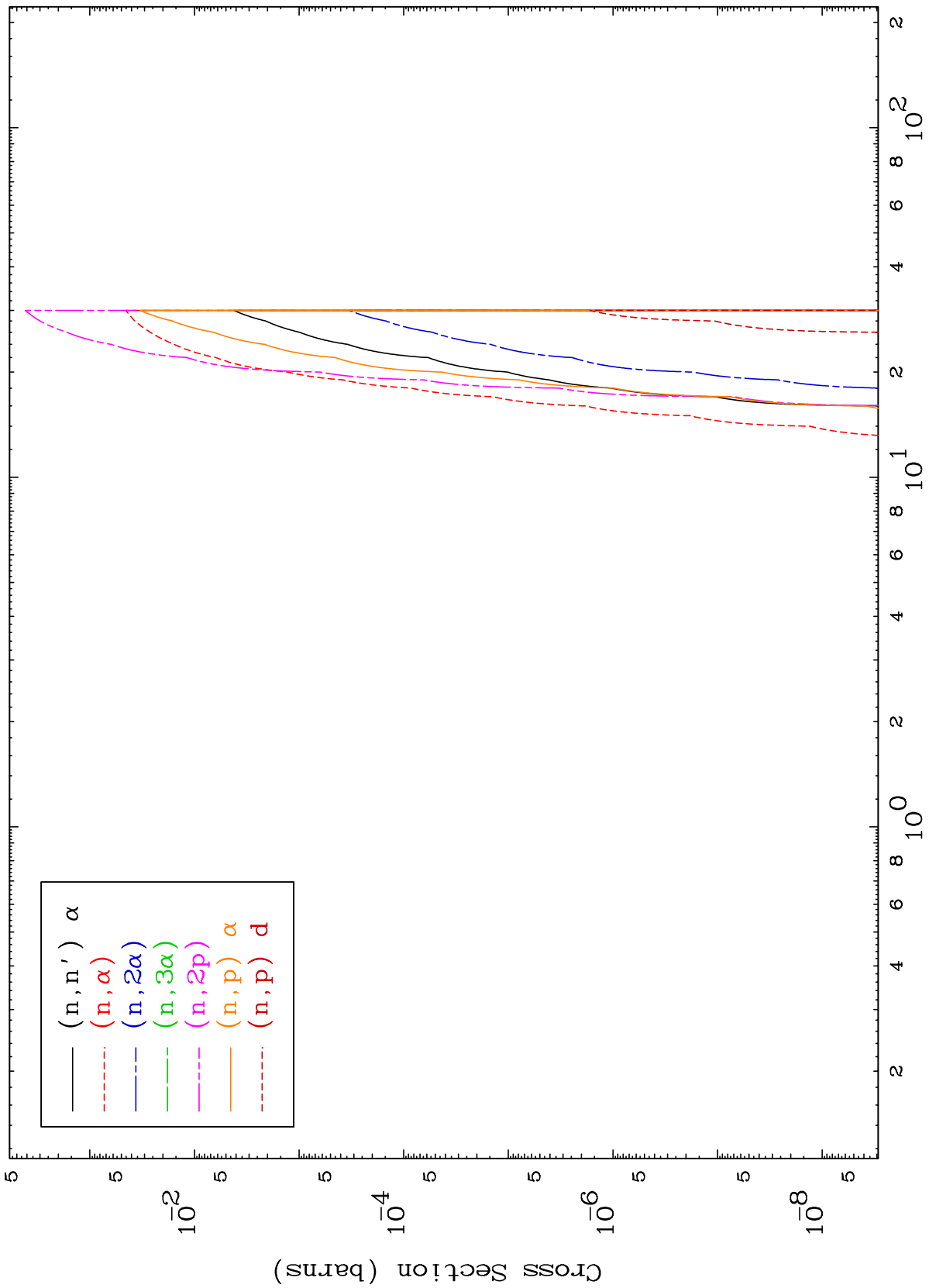
α Charged Particle
0 Kelvin Cross Sections

77-Ir-172m



Incident Energy (MeV)

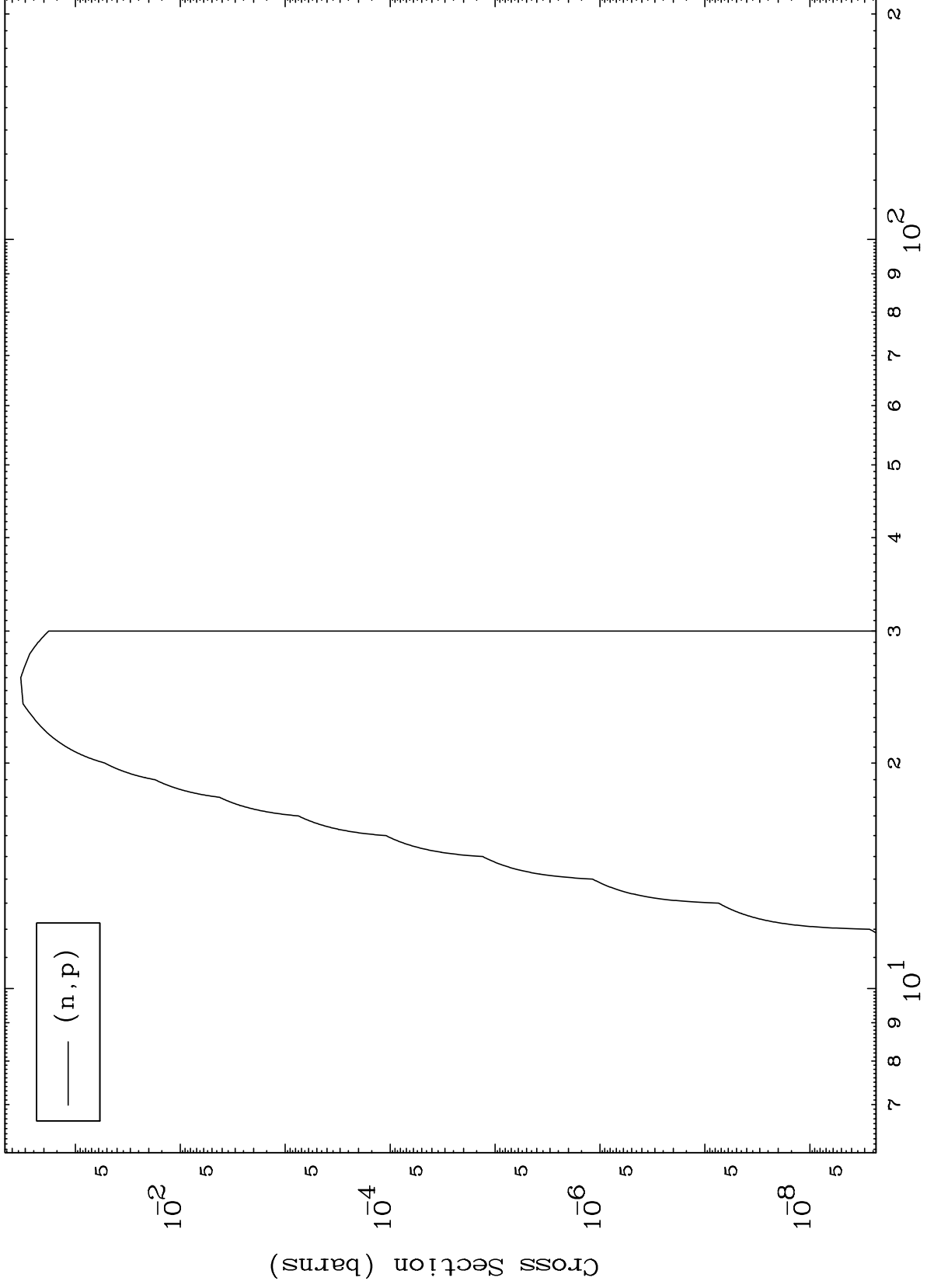
77-Ir-172m



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(α, p) Levels
0 Kelvin Cross Sections

77-Ir-172m



6

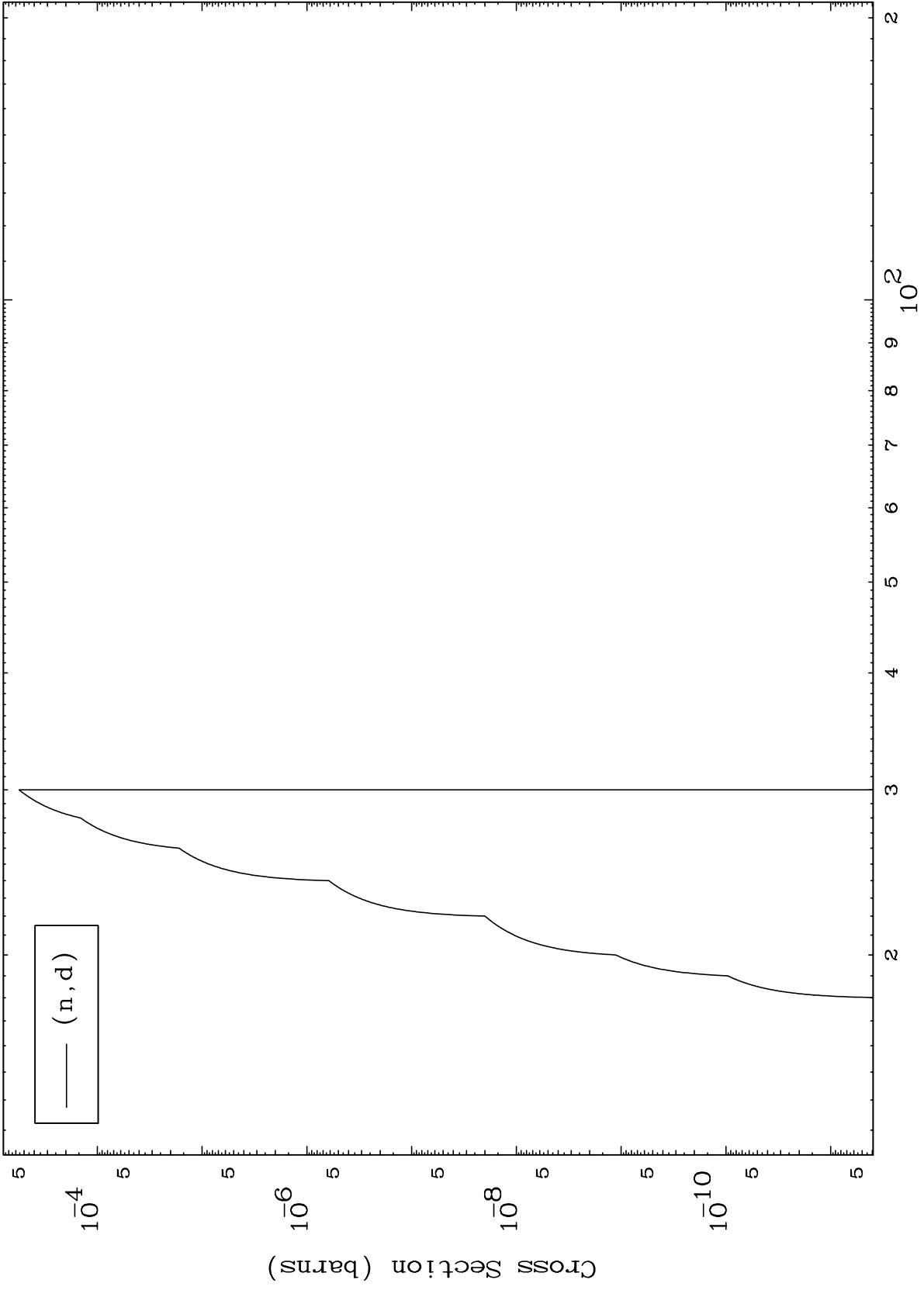
Incident Energy (MeV)

77-Ir-172m

MAT 7669

(α, d) Levels
0 Kelvin Cross Sections

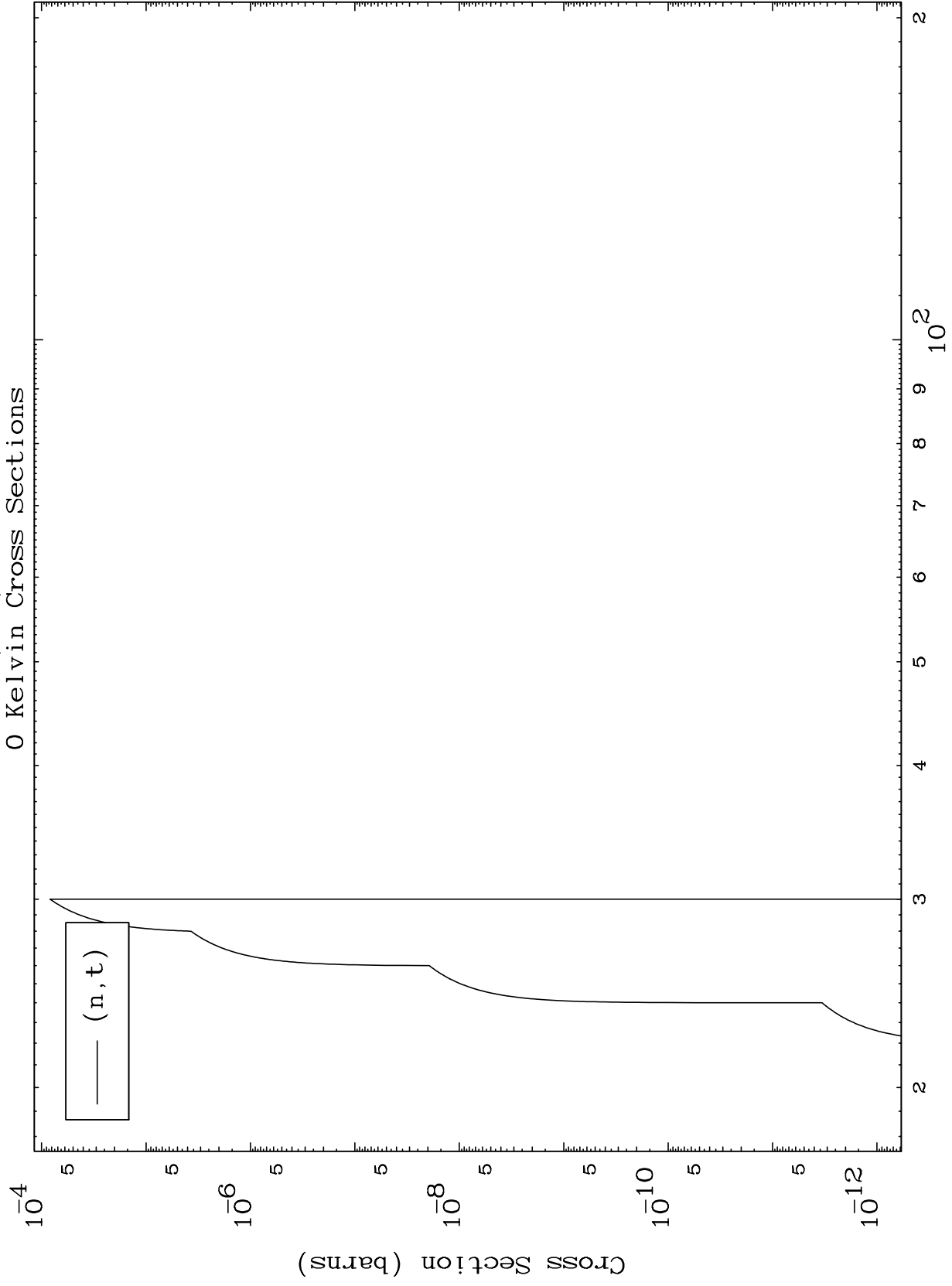
77-Ir-172m



MAT 7669

(α, t) Levels
0 Kelvin Cross Sections

77-Ir-172m



8

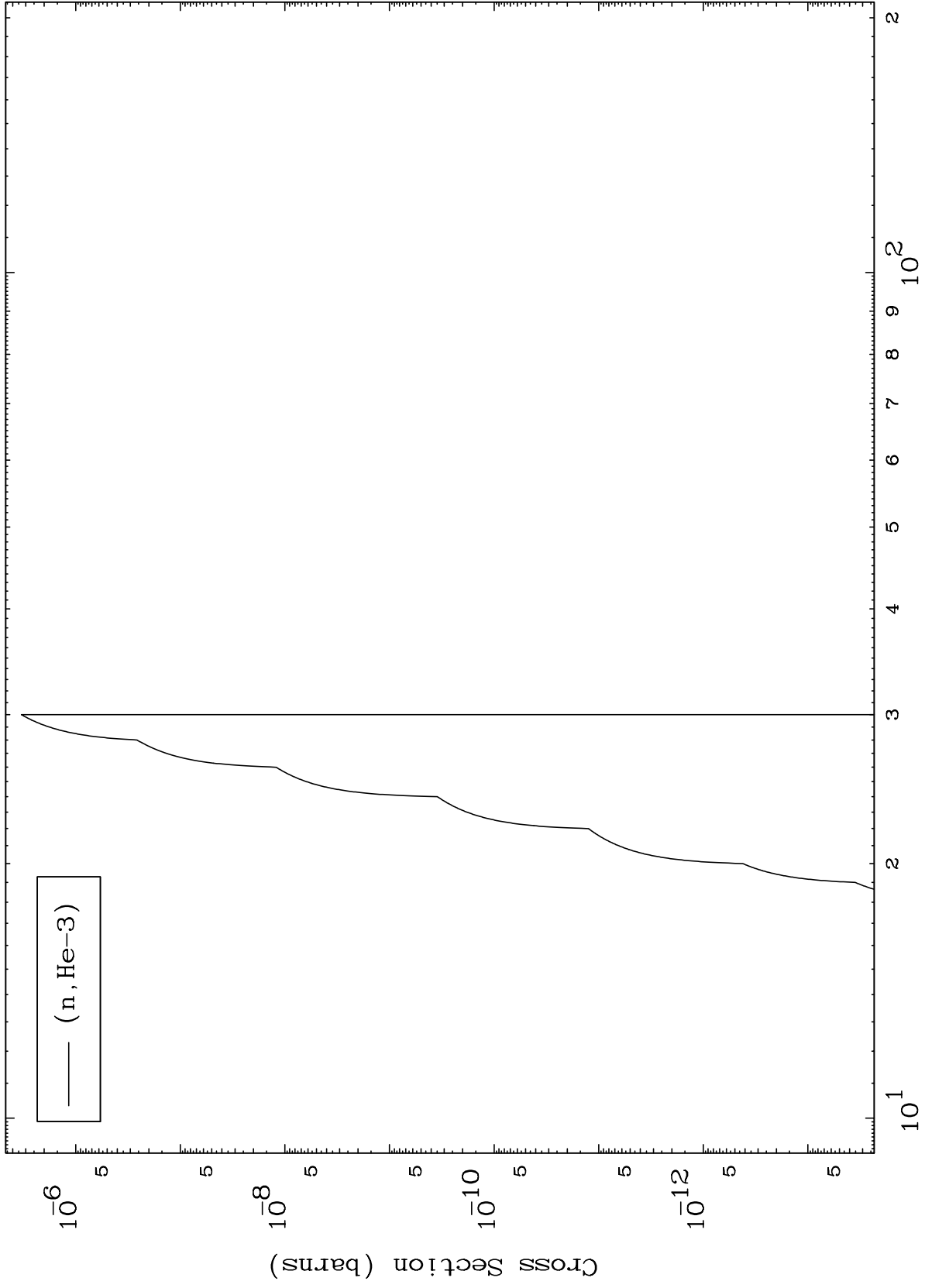
Incident Energy (MeV)

77-Ir-172m

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

77-Ir-172m



Incident Energy (MeV)

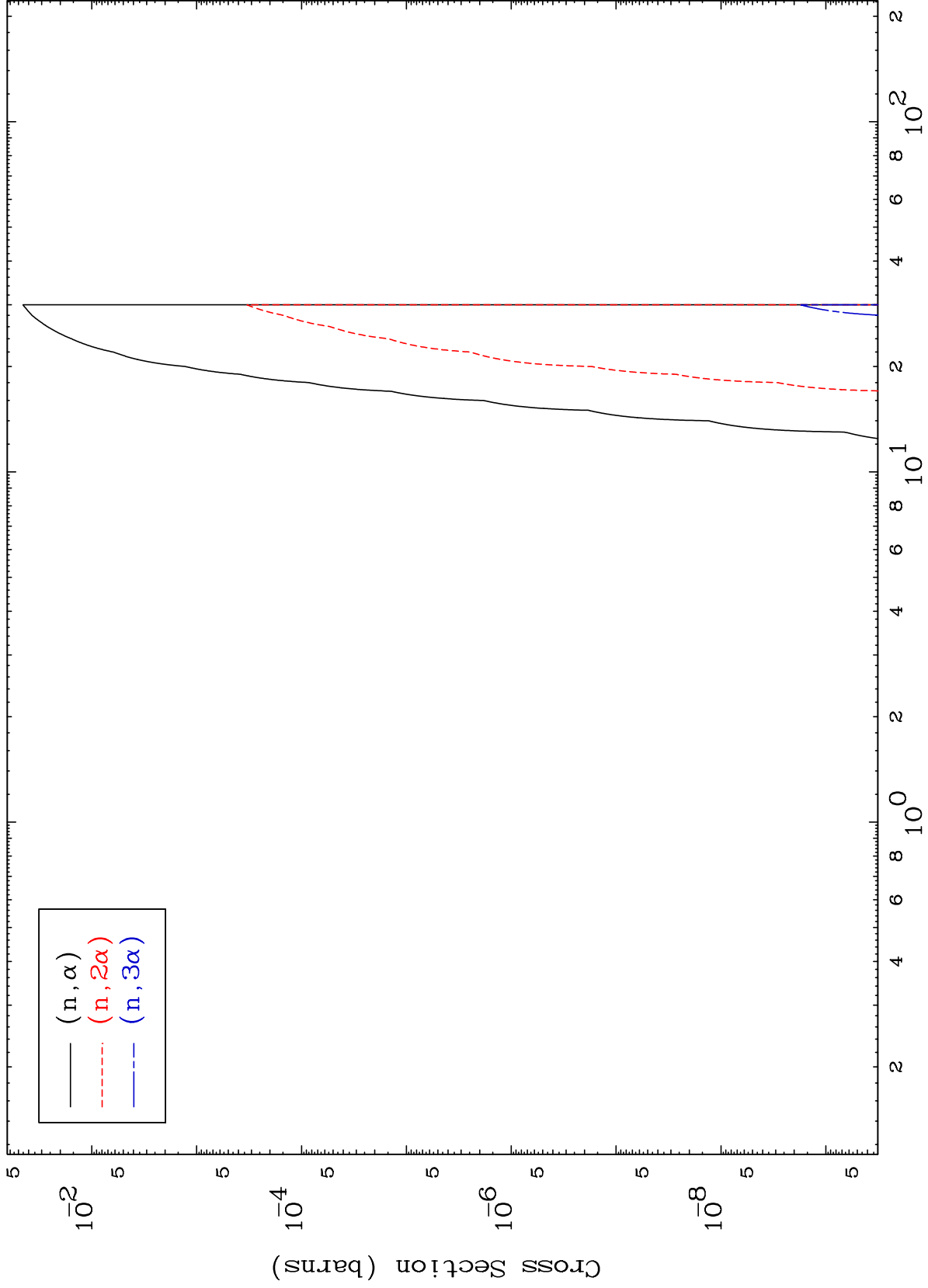
77-Ir-172m

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(α, α) Levels

77-Ir-172m

0 Kelvin Cross Sections



10

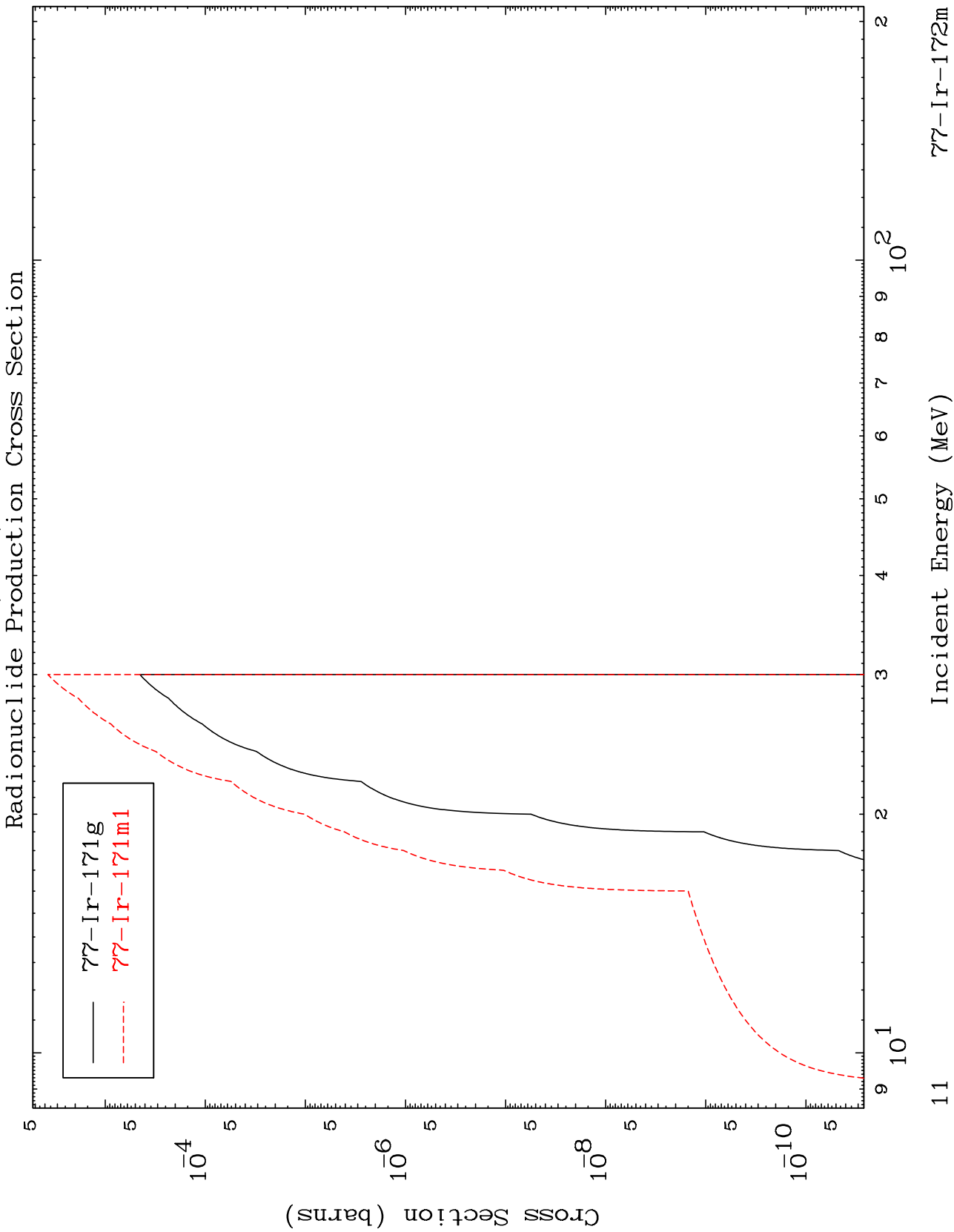
Incident Energy (MeV)

77-Ir-172m

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(n,n') α

⁷⁷Ir-172m



11

Incident Energy (MeV)

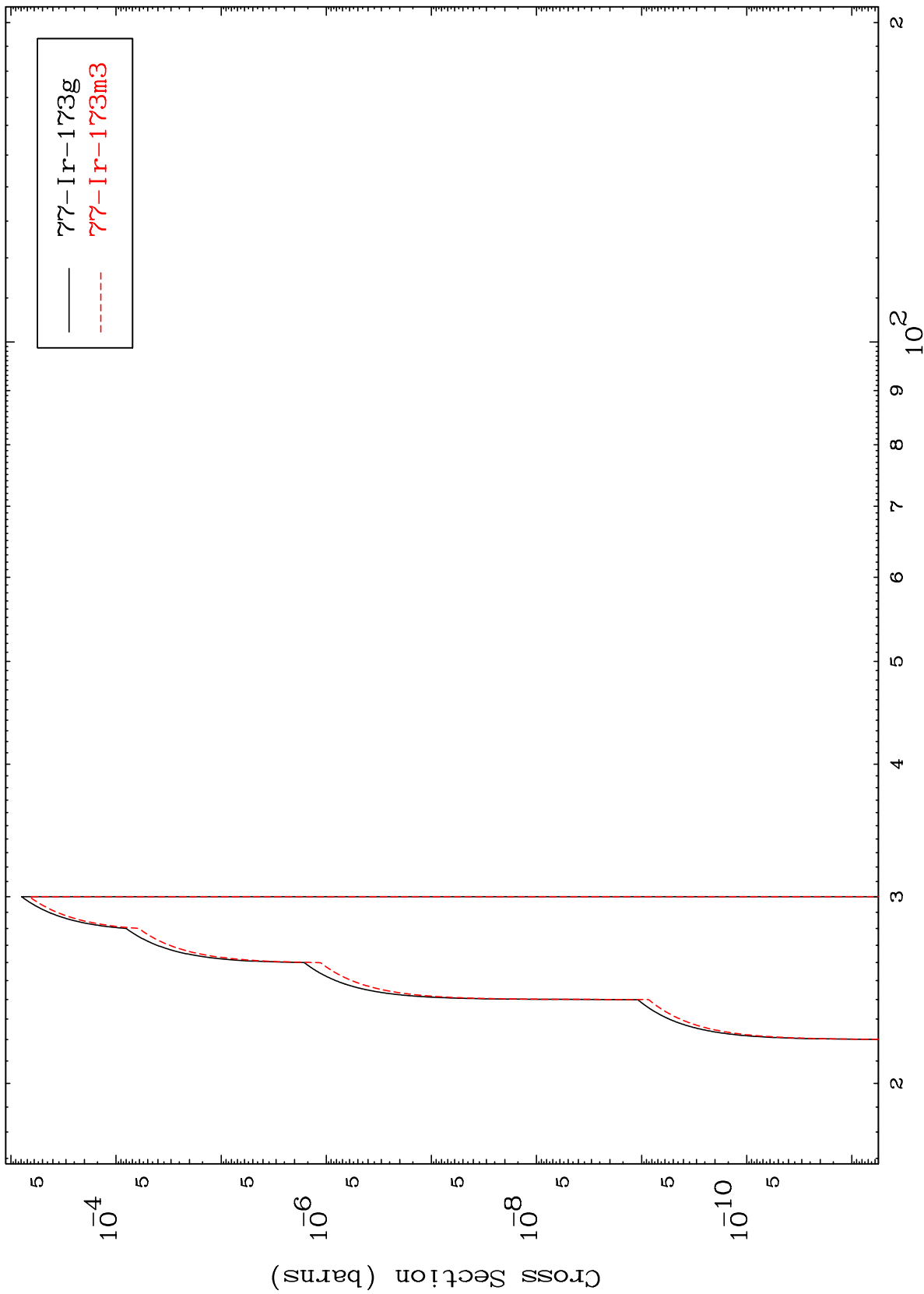
⁷⁷Ir-172m

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(n,2n) p

⁷⁷Ir-172m

Radionuclide Production Cross Section



12

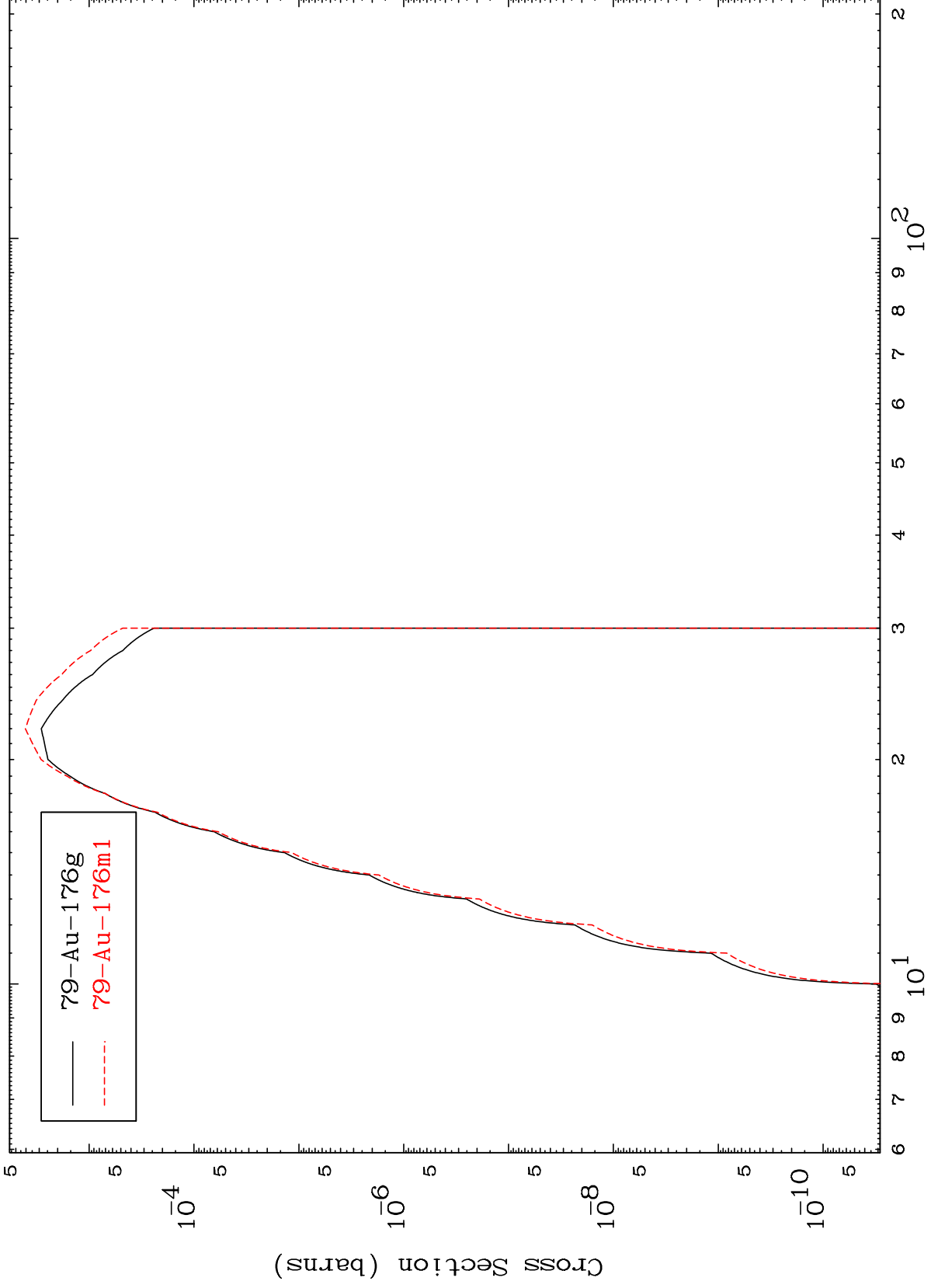
Incident Energy (MeV)

⁷⁷Ir-172m

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⁷⁷Ir-172m

Radionuclide Production Cross Section



Incident Energy (MeV)

⁷⁷Ir-172m

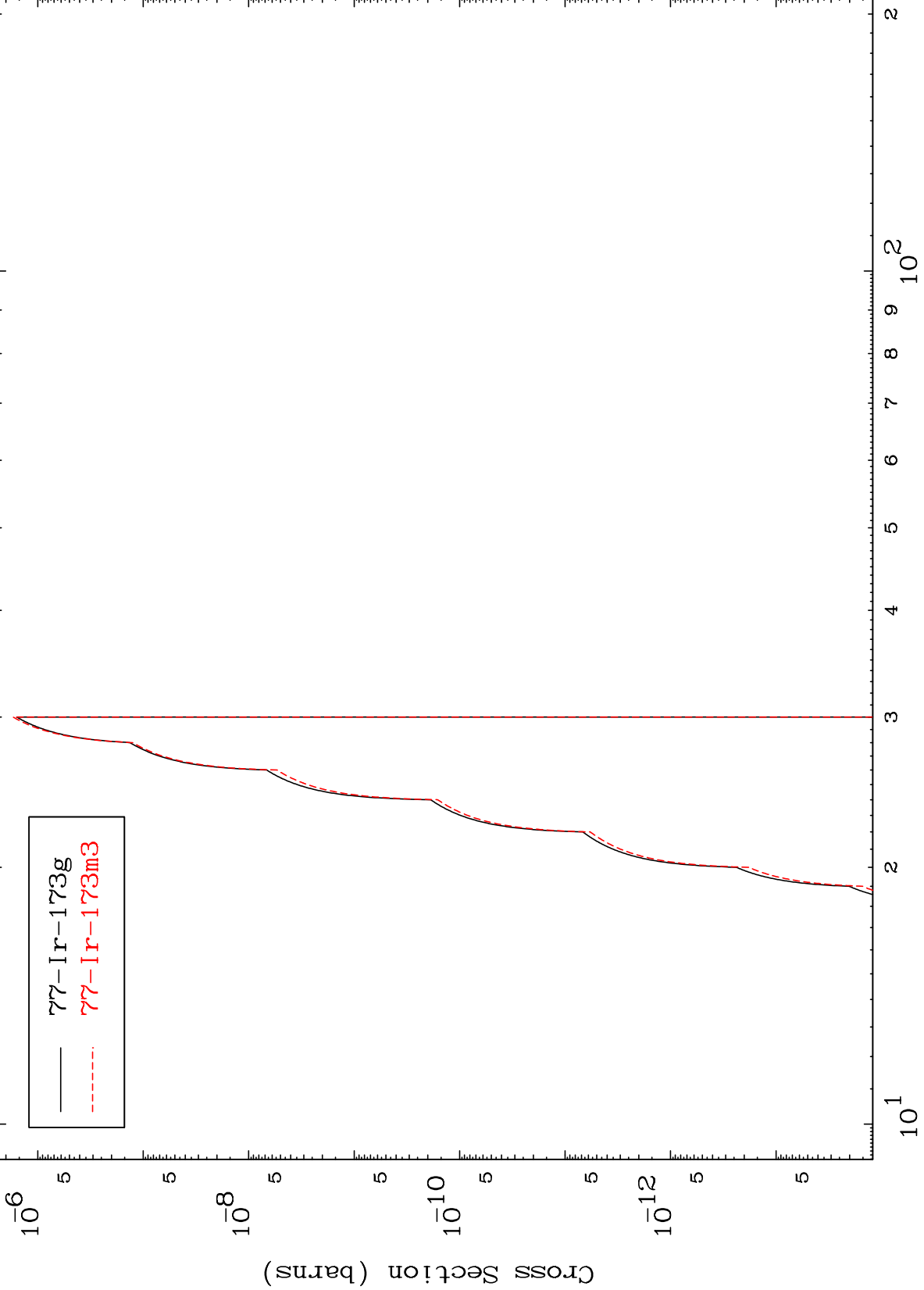
13

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(n,He-3)

⁷⁷Ir-172m

Radionuclide Production Cross Section



— ⁷⁷Ir-173g
- - - ⁷⁷Ir-173m3

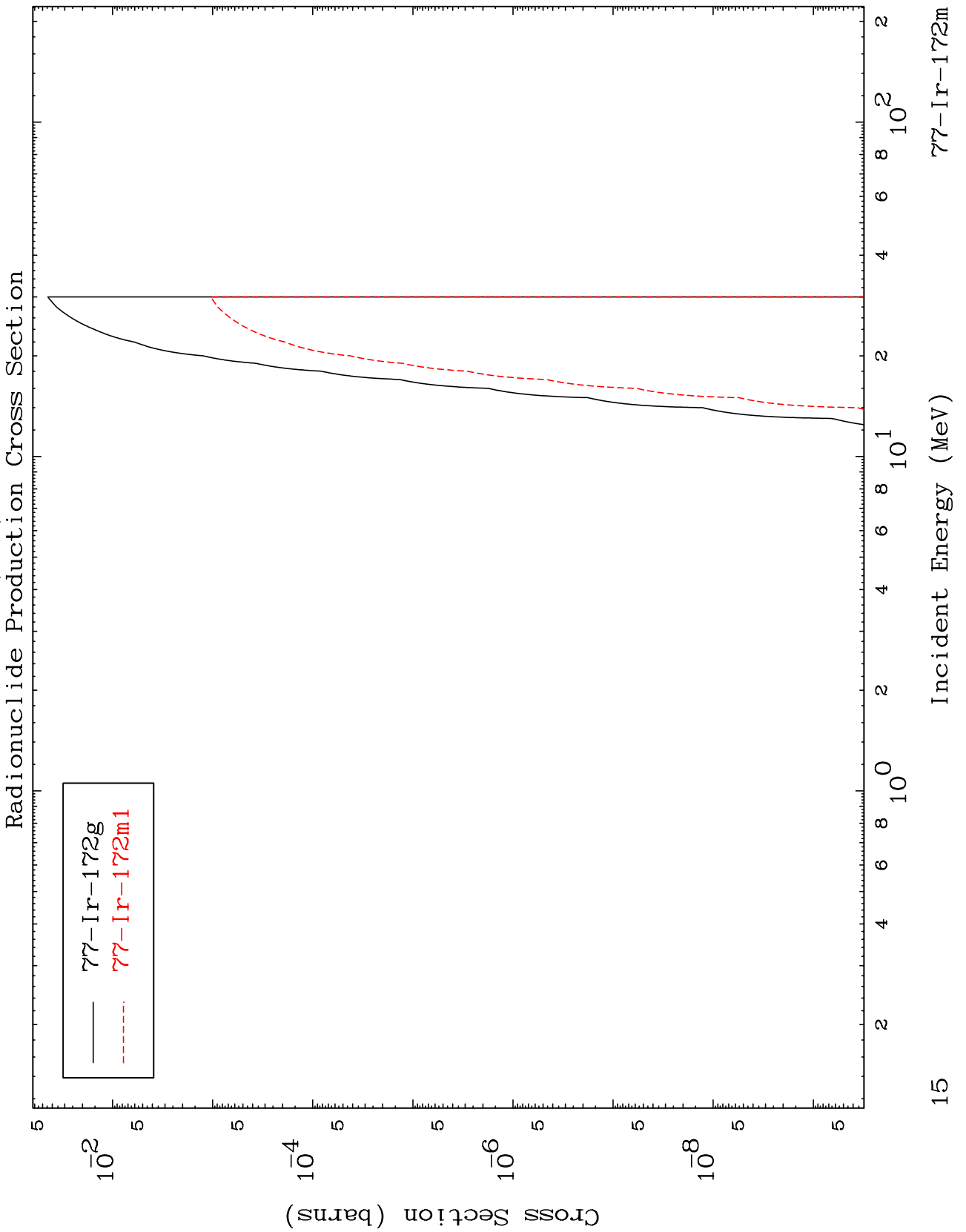
Incident Energy (MeV)

⁷⁷Ir-172m

14

MAT 7669

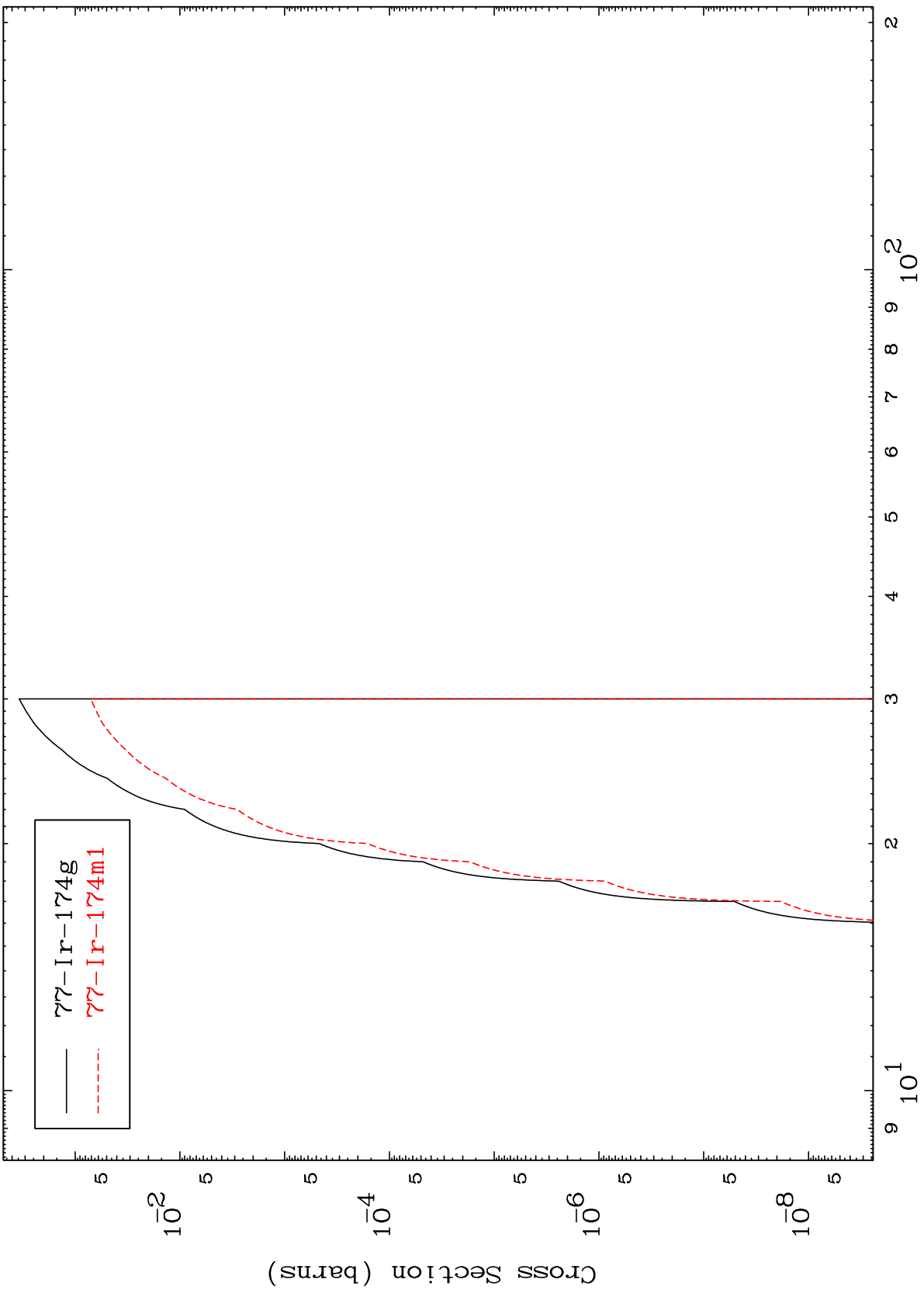
⁷⁷Ir-172m



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⁷⁷Ir-172m

Radionuclide Production Cross Section (n,2p)



— ⁷⁷Ir-174g
- - - ⁷⁷Ir-174m1

16

Incident Energy (MeV)

⁷⁷Ir-172m

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(n,p) d

⁷⁷Ir-172m

