

Program EVALPLOT
(Version 2021-1)

by

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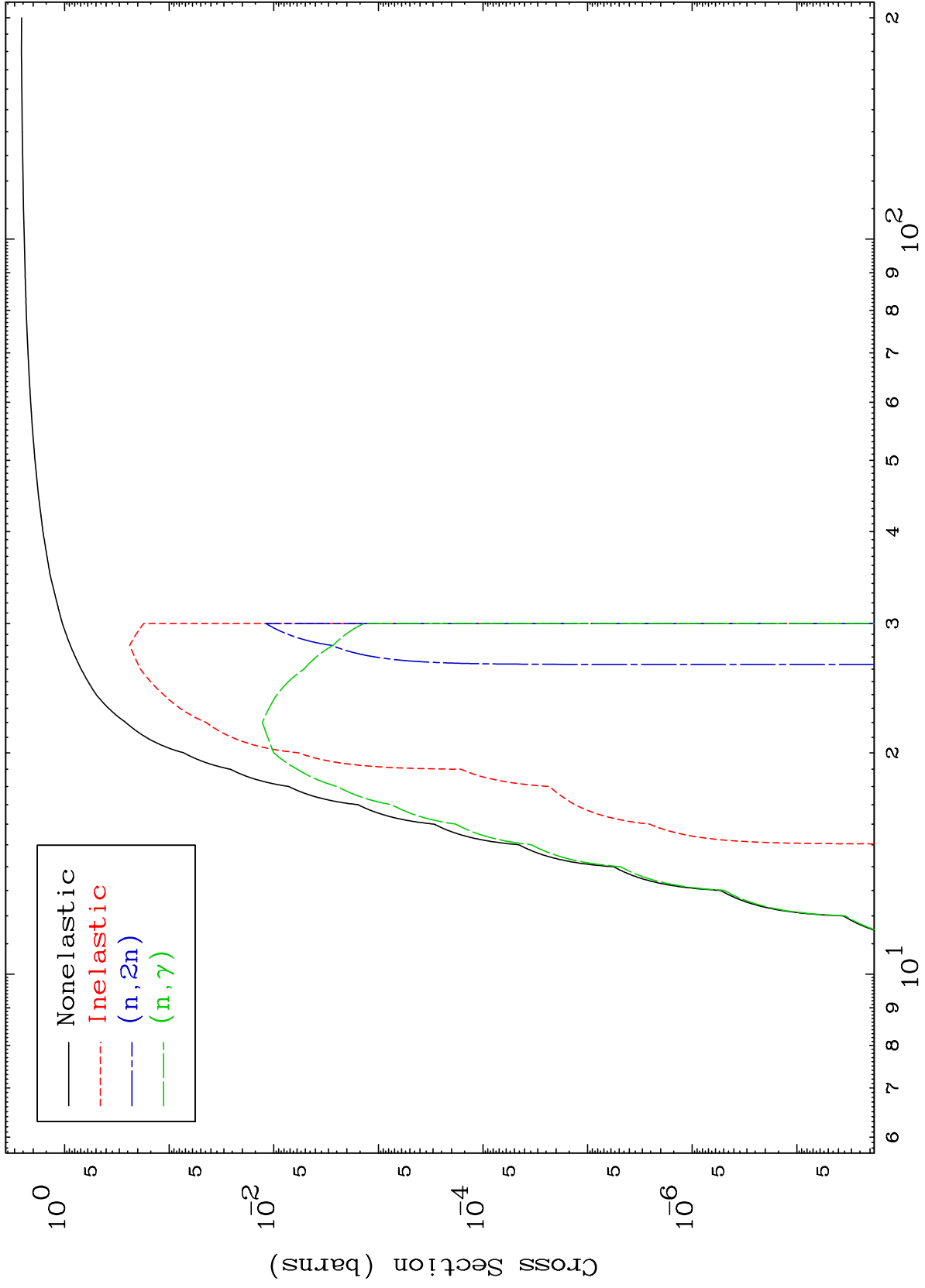
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7675

0 Kelvin Cross Sections

77-Ir-174m



Incident Energy (MeV)

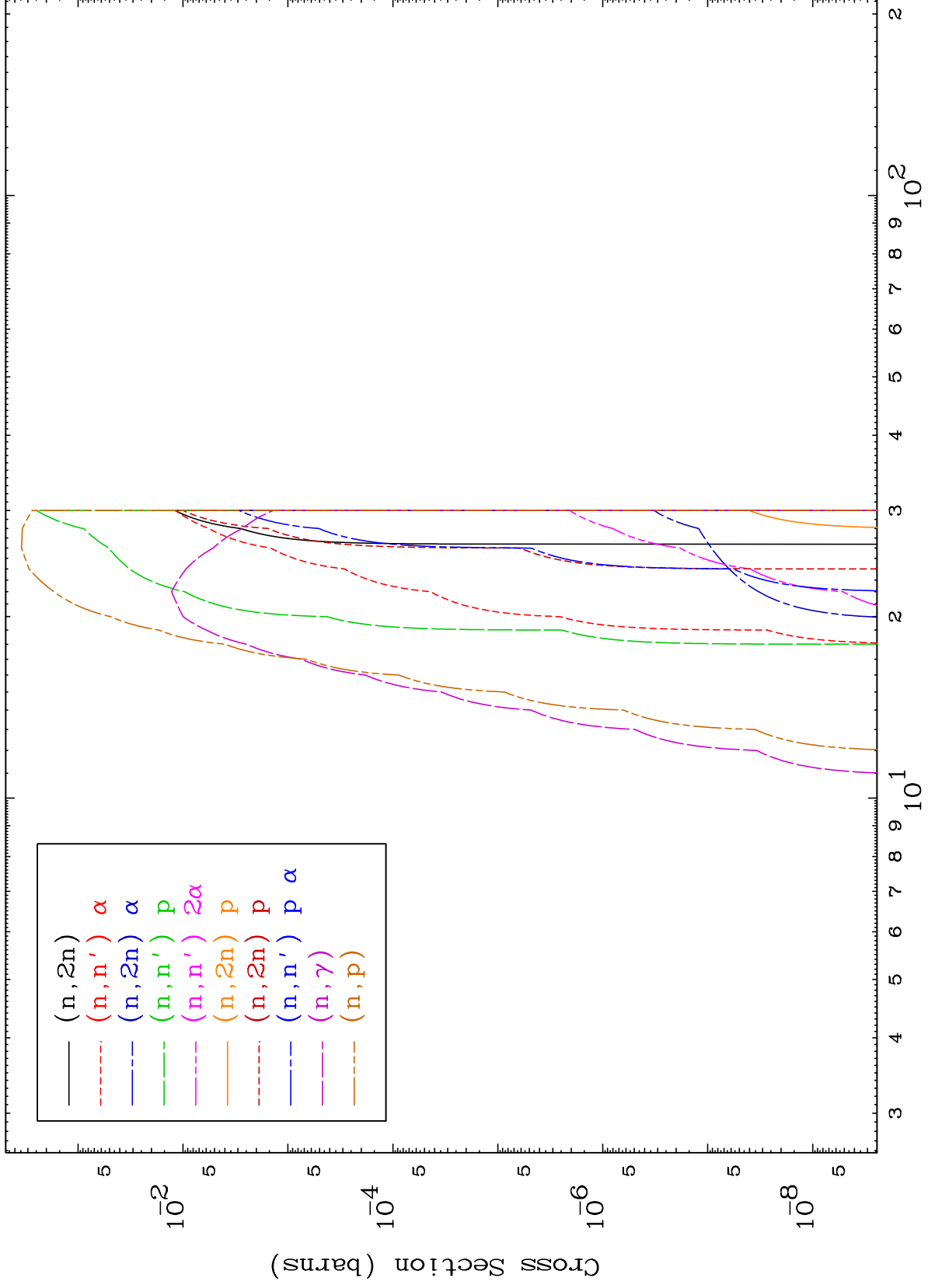
77-Ir-174m

1

MAT 7675

α Neutron Absorption
0 Kelvin Cross Sections

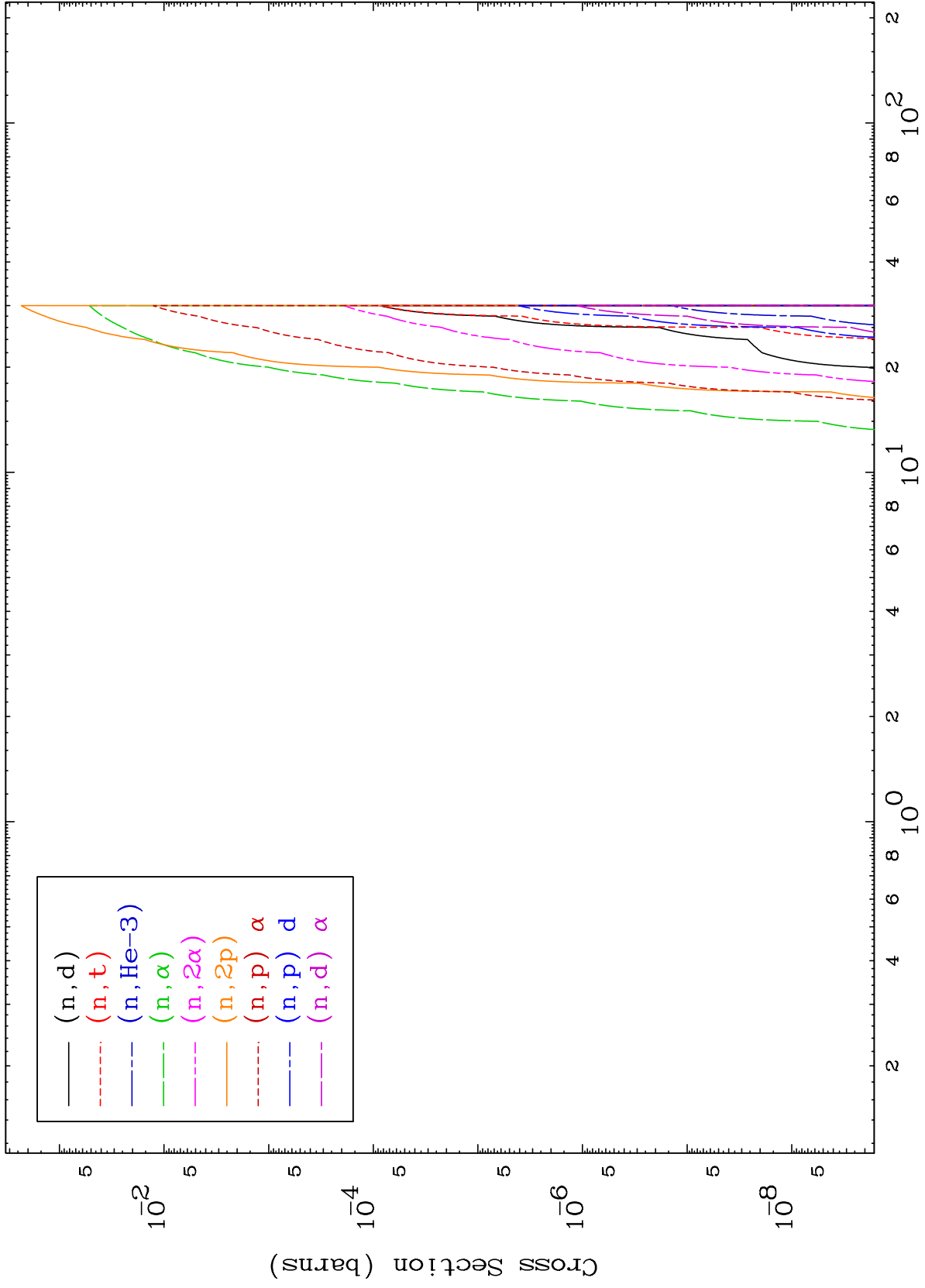
77-Ir-174m



MAT 7675

α Neutron Absorption
0 Kelvin Cross Sections

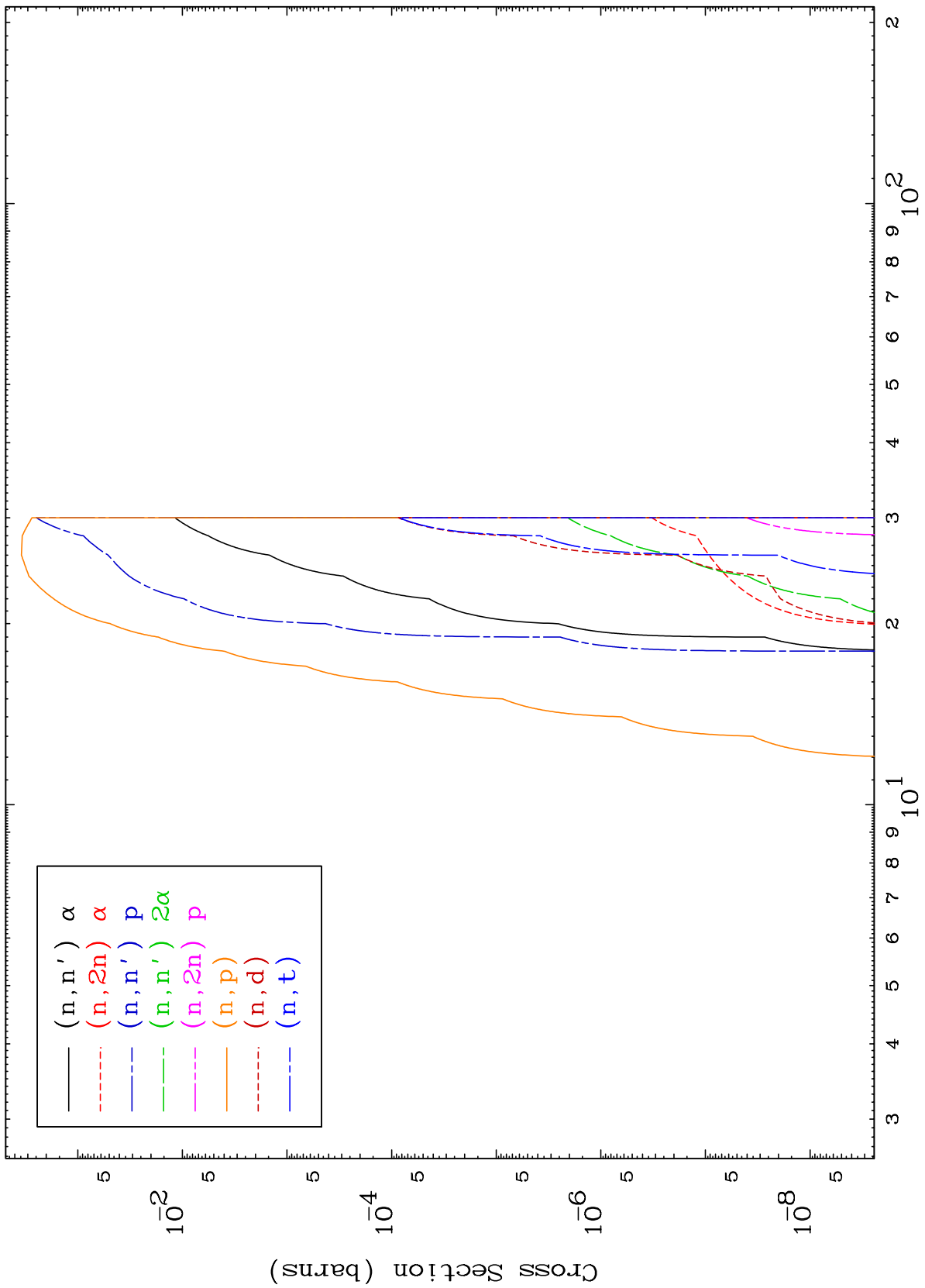
77-Ir-174m



MAT 7675

α Charged Particle
0 Kelvin Cross Sections

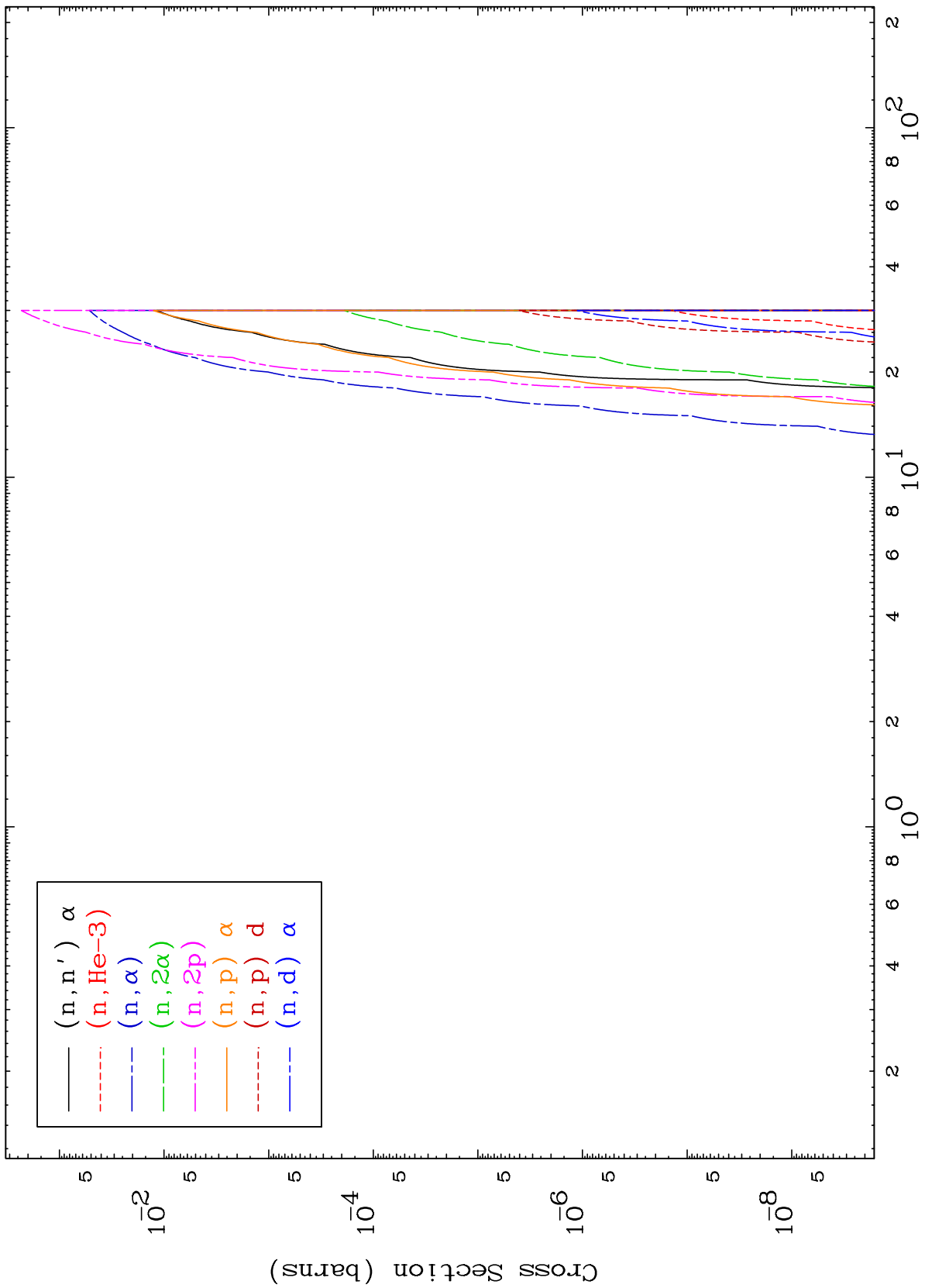
77-Ir-174m



MAT 7675

α Charged Particle
0 Kelvin Cross Sections

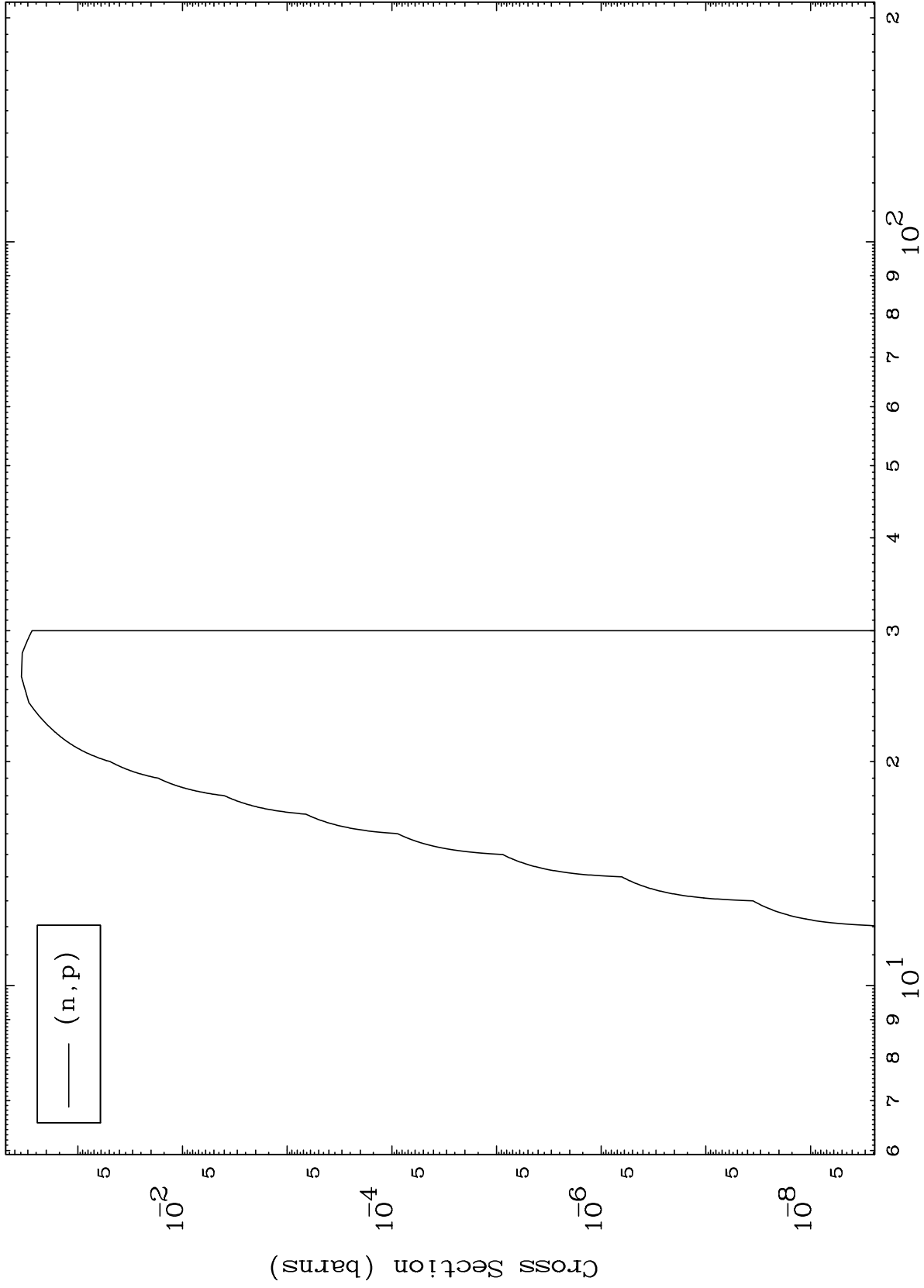
77-Ir-174m



MAT 7675

(α, p) Levels
0 Kelvin Cross Sections

77-Ir-174m



6

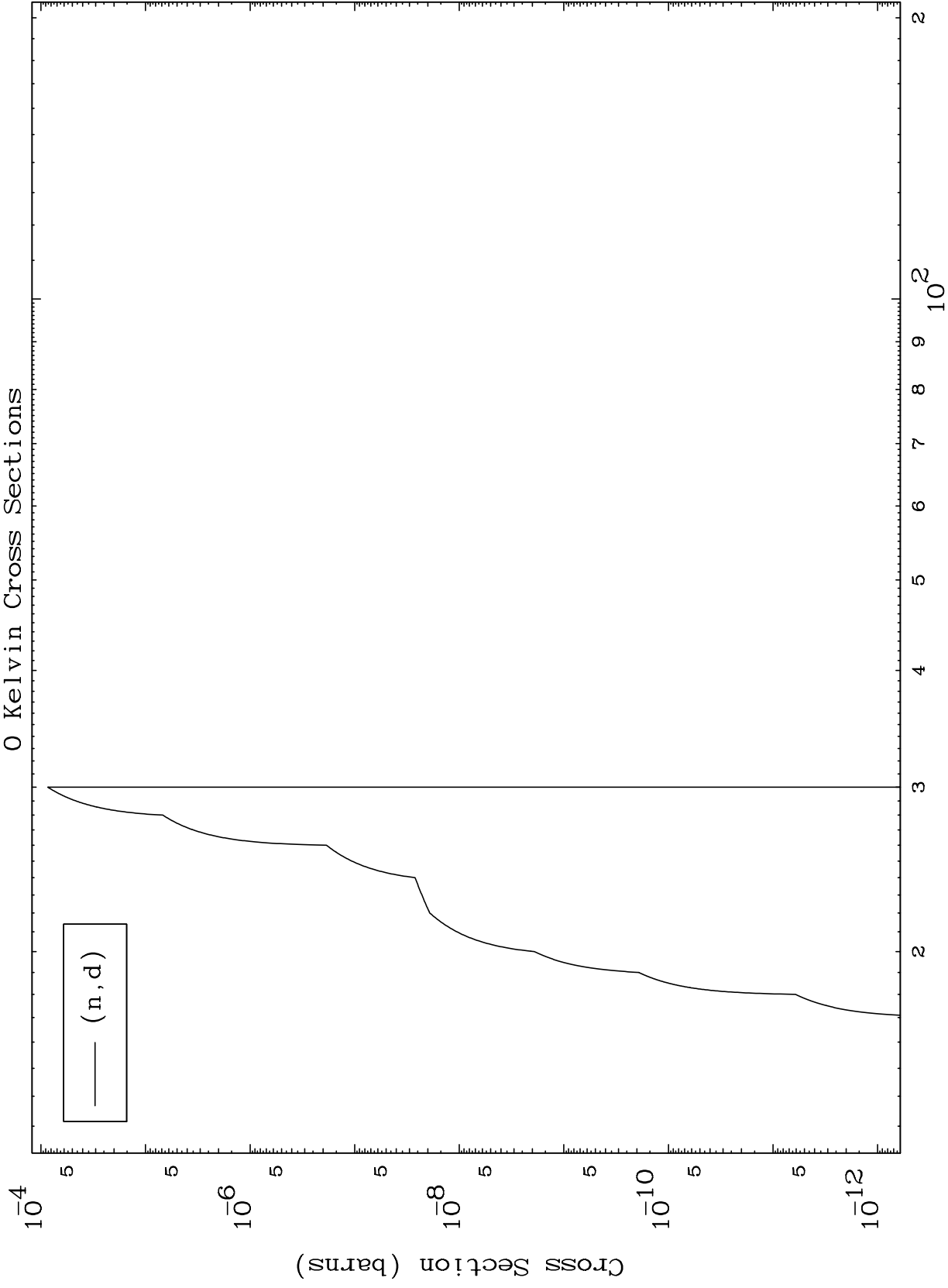
Incident Energy (MeV)

77-Ir-174m

MAT 7675

(α, d) Levels
0 Kelvin Cross Sections

77-Ir-174m



7

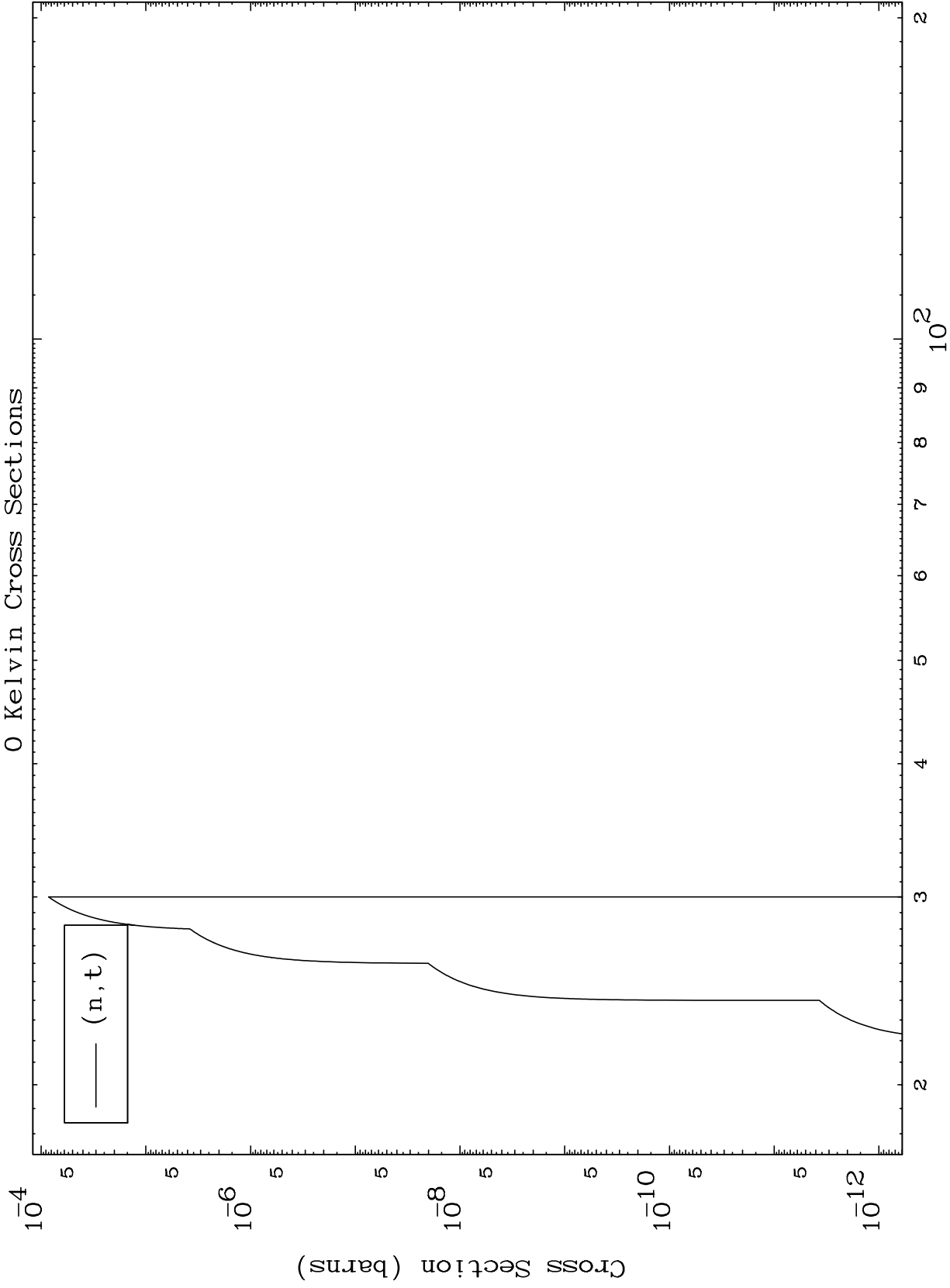
Incident Energy (MeV)

77-Ir-174m

MAT 7675

(α, t) Levels
0 Kelvin Cross Sections

77-Ir-174m



8

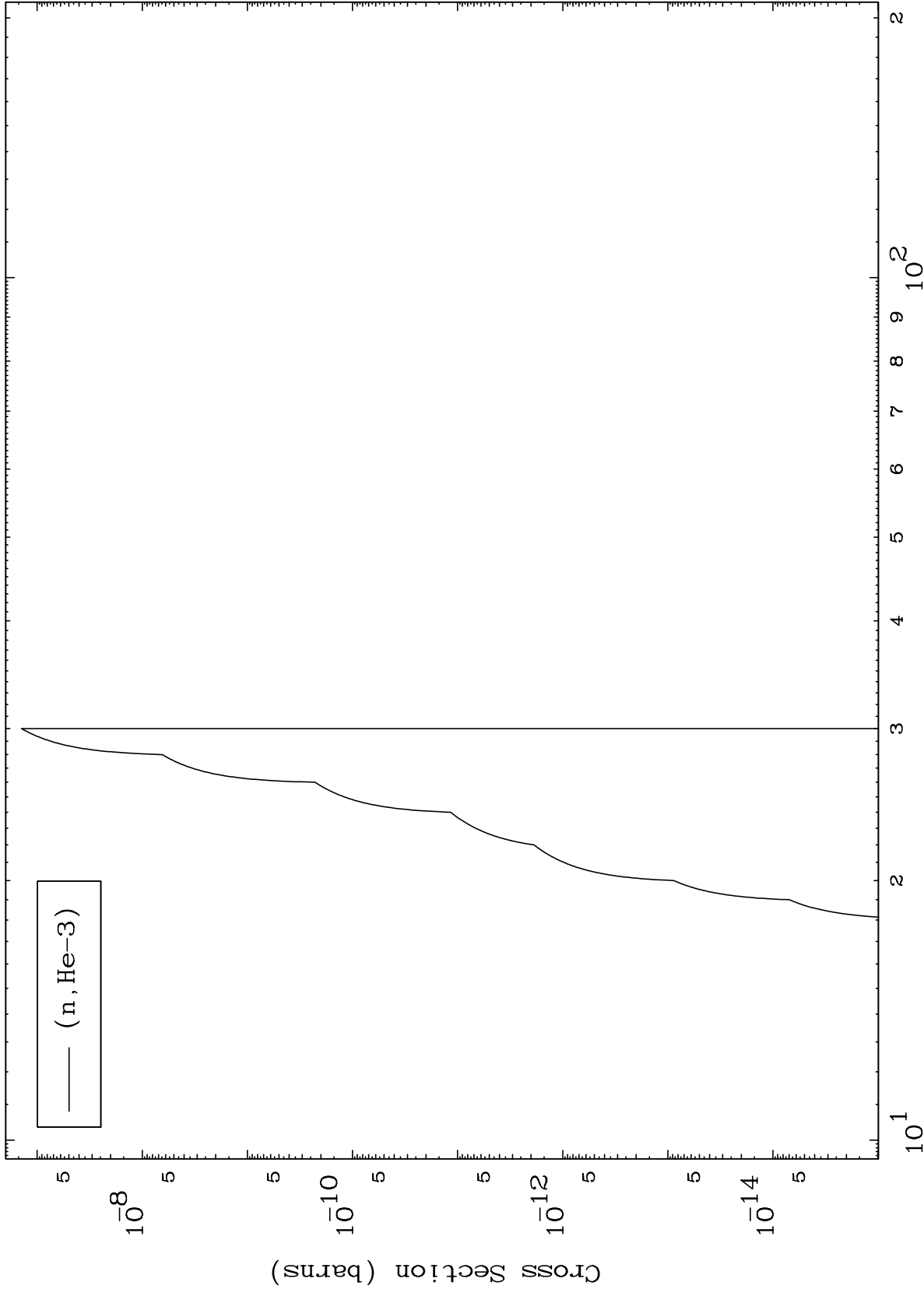
Incident Energy (MeV)

77-Ir-174m

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

77-Ir-174m



Incident Energy (MeV)

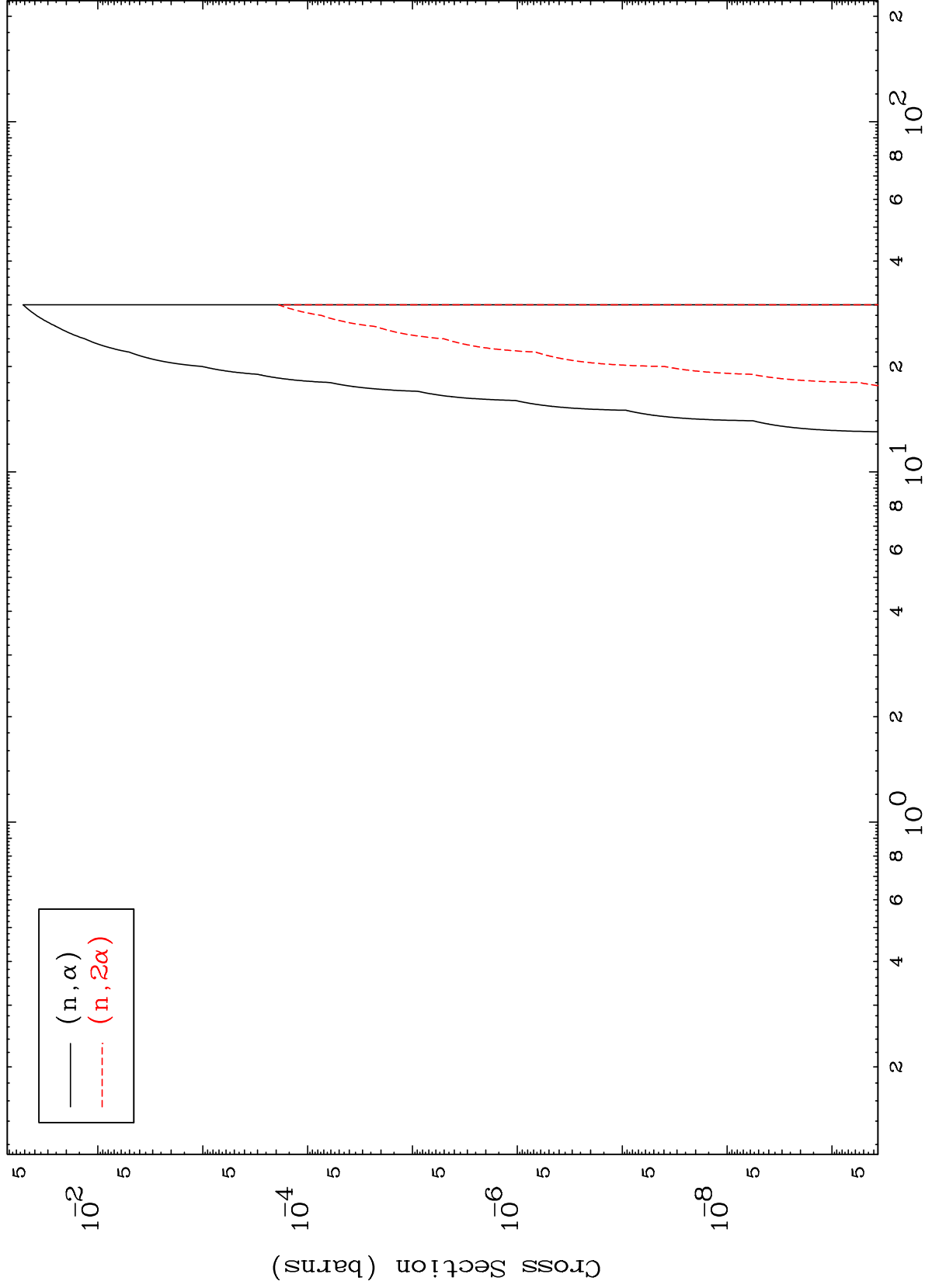
77-Ir-174m

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(α, α) Levels

77-Ir-174m

0 Kelvin Cross Sections



10

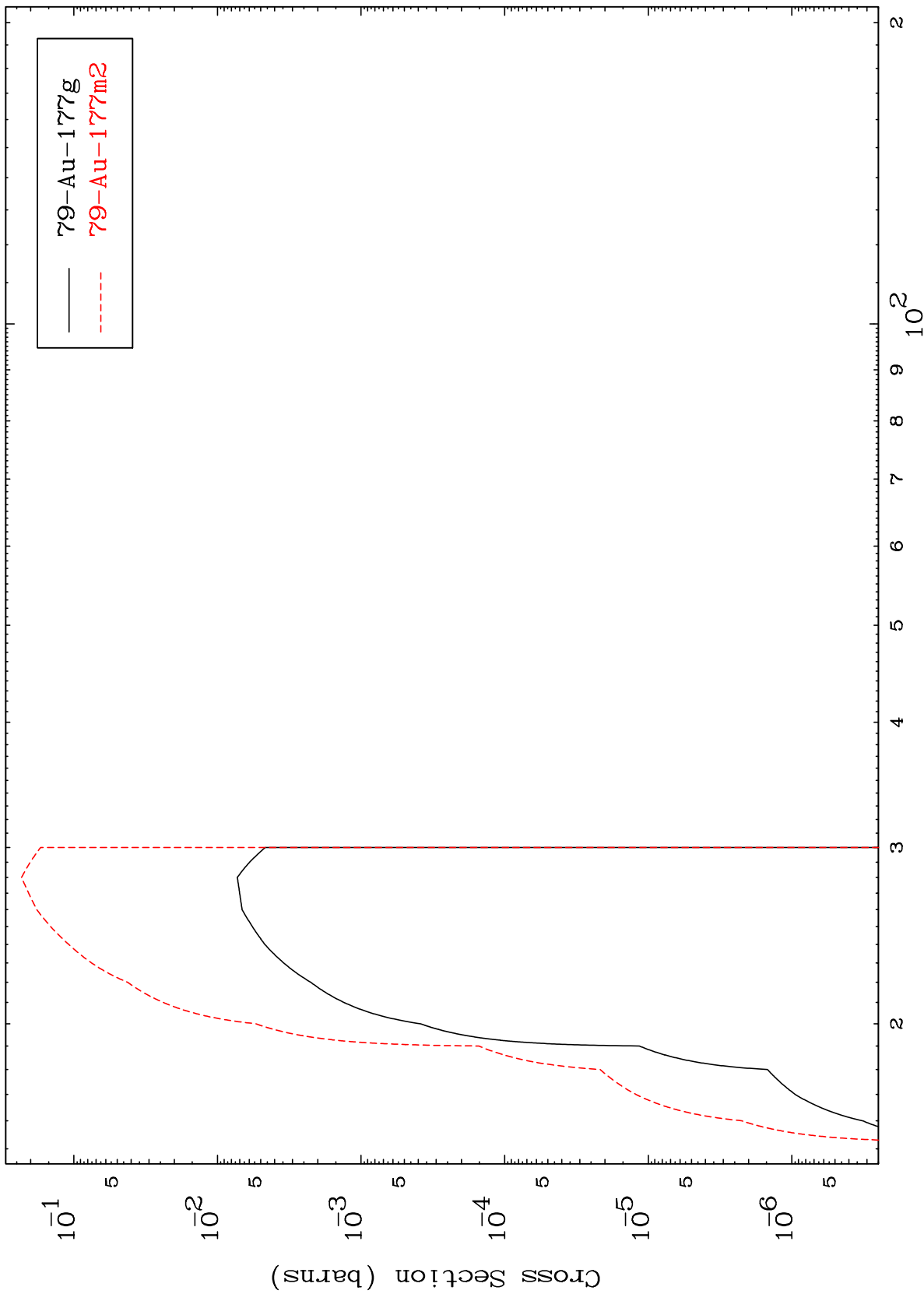
Incident Energy (MeV)

77-Ir-174m

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Inelastic
Radionuclide Production Cross Section

⁷⁷Ir-174m



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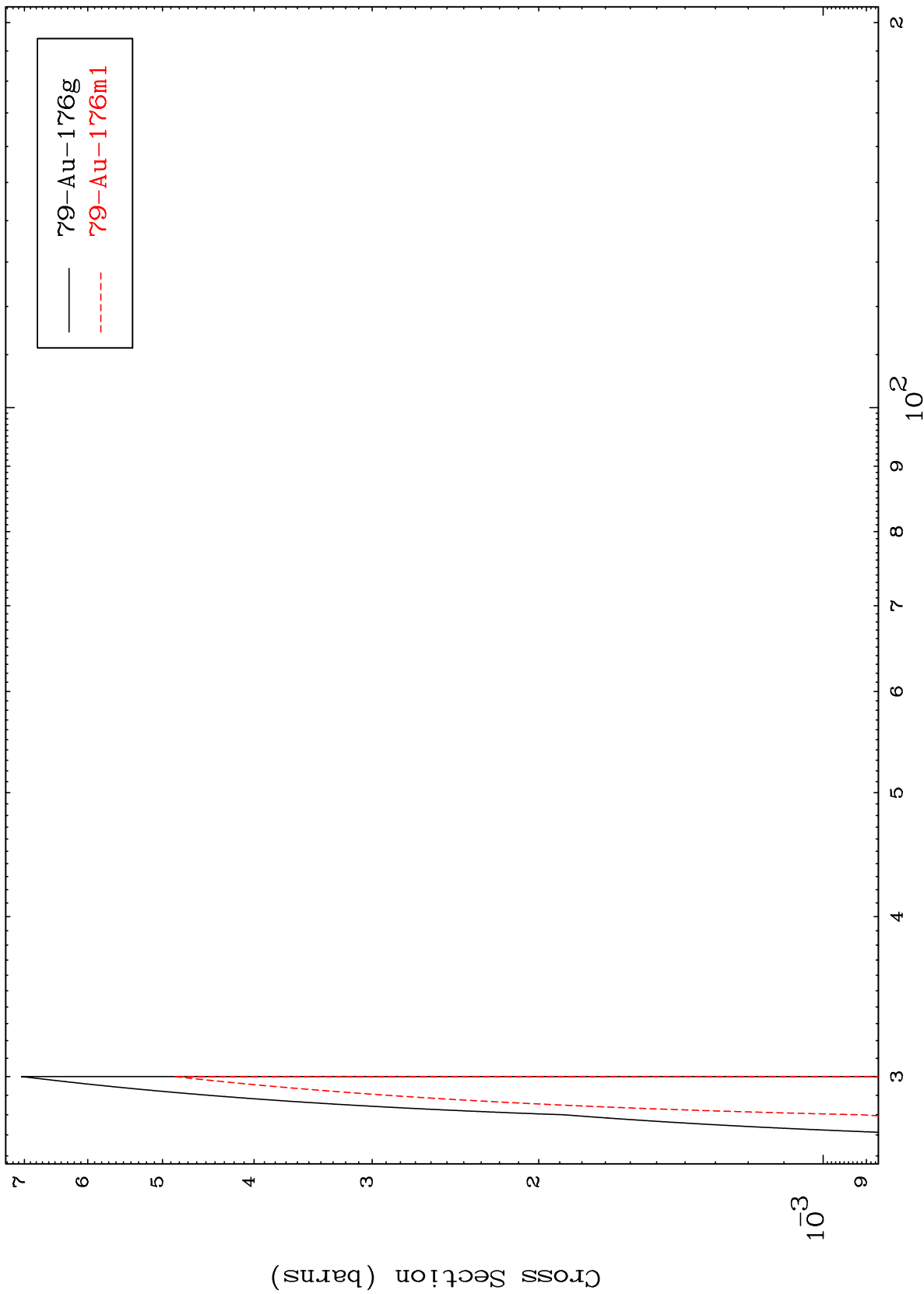
Incident Energy (MeV)

⁷⁷Ir-174m

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⁷⁷Ir-174m

(n,2n)
Radionuclide Production Cross Section



— ⁷⁹Au-176g
- - - ⁷⁹Au-176m1

⁷⁷Ir-174m

Incident Energy (MeV)

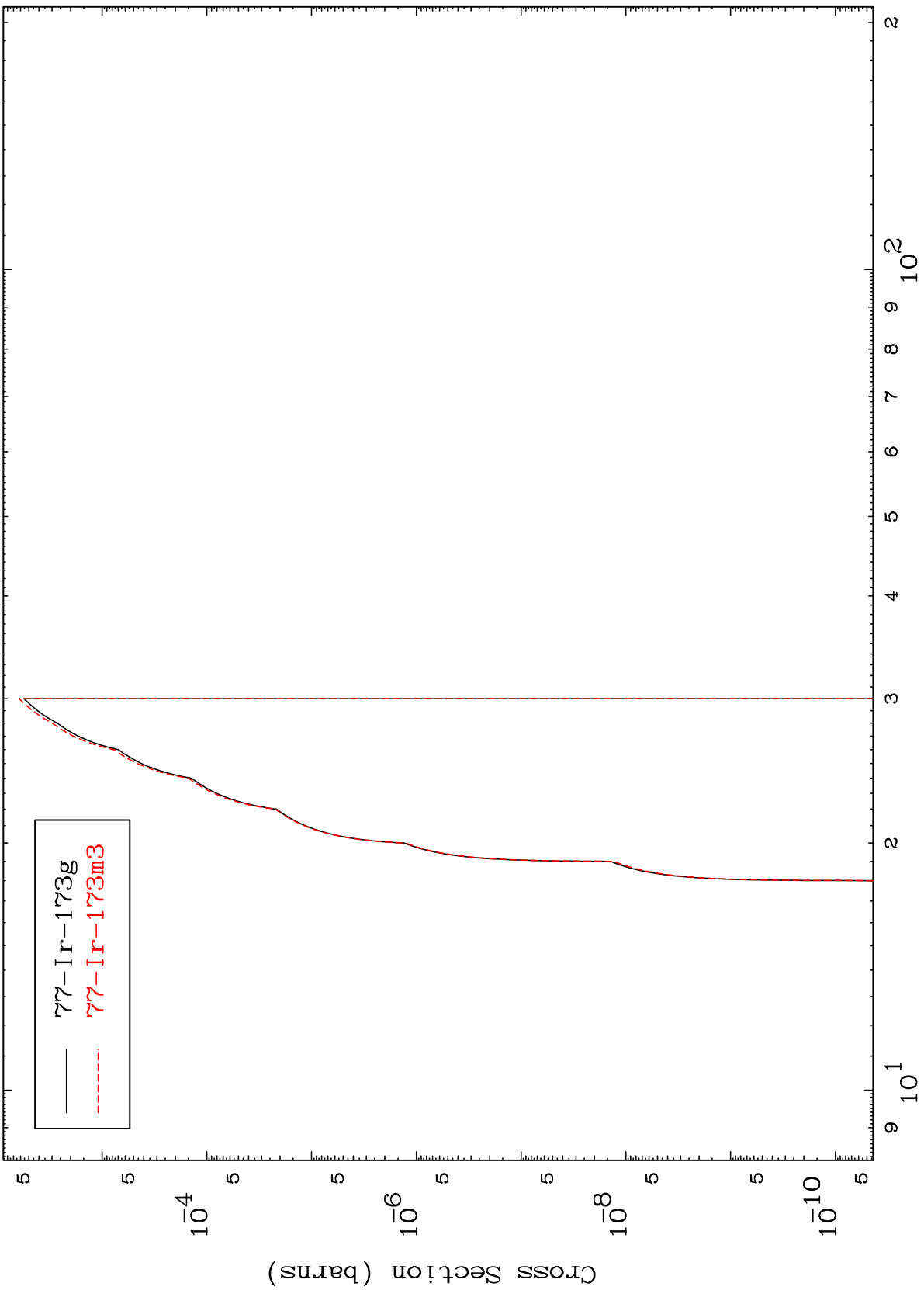
12

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(n,n') α

⁷⁷Ir-174m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

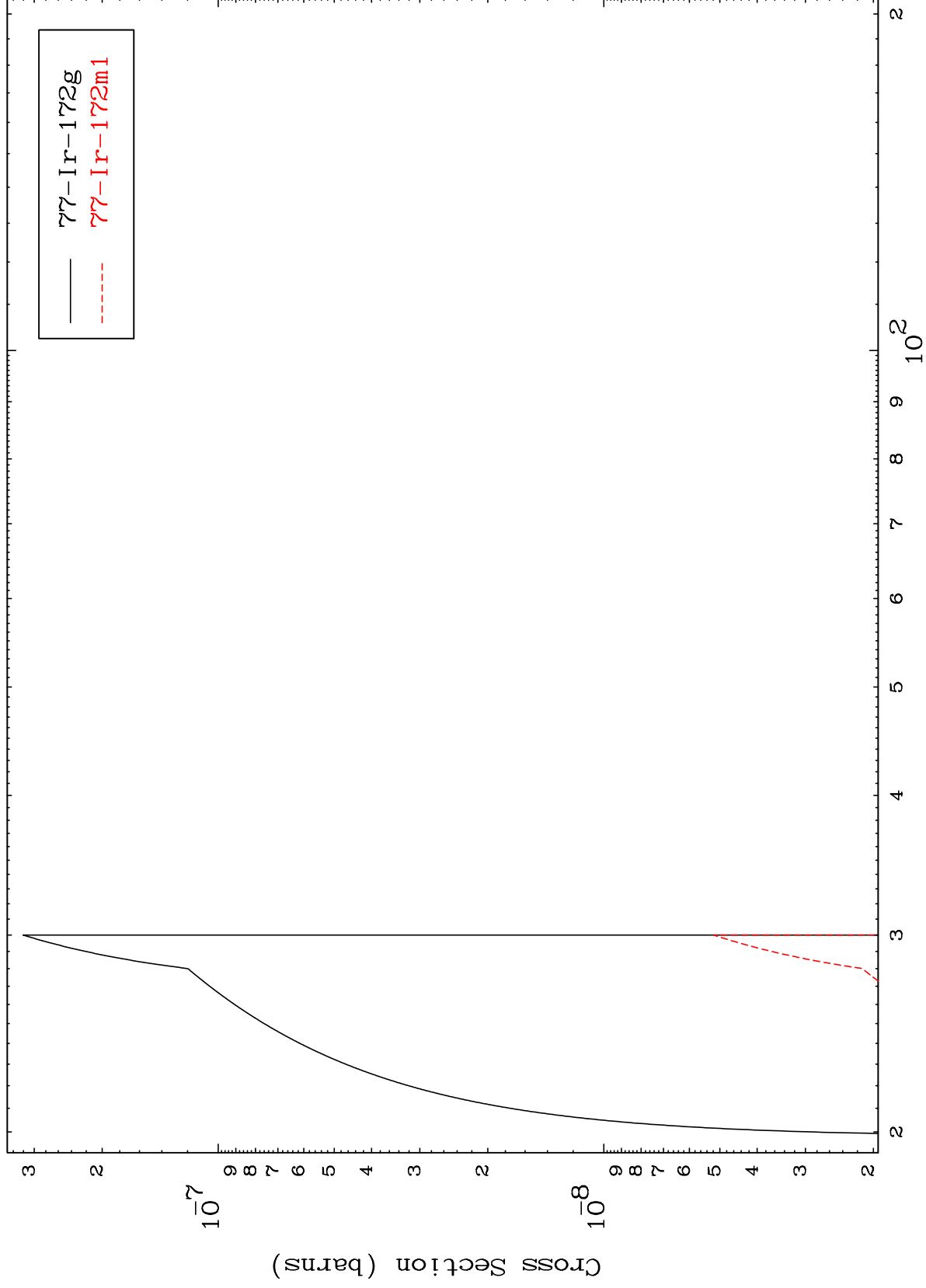
⁷⁷Ir-174m

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(n,2n) α

⁷⁷Ir-174m

Radionuclide Production Cross Section



Incident Energy (MeV)

⁷⁷Ir-174m

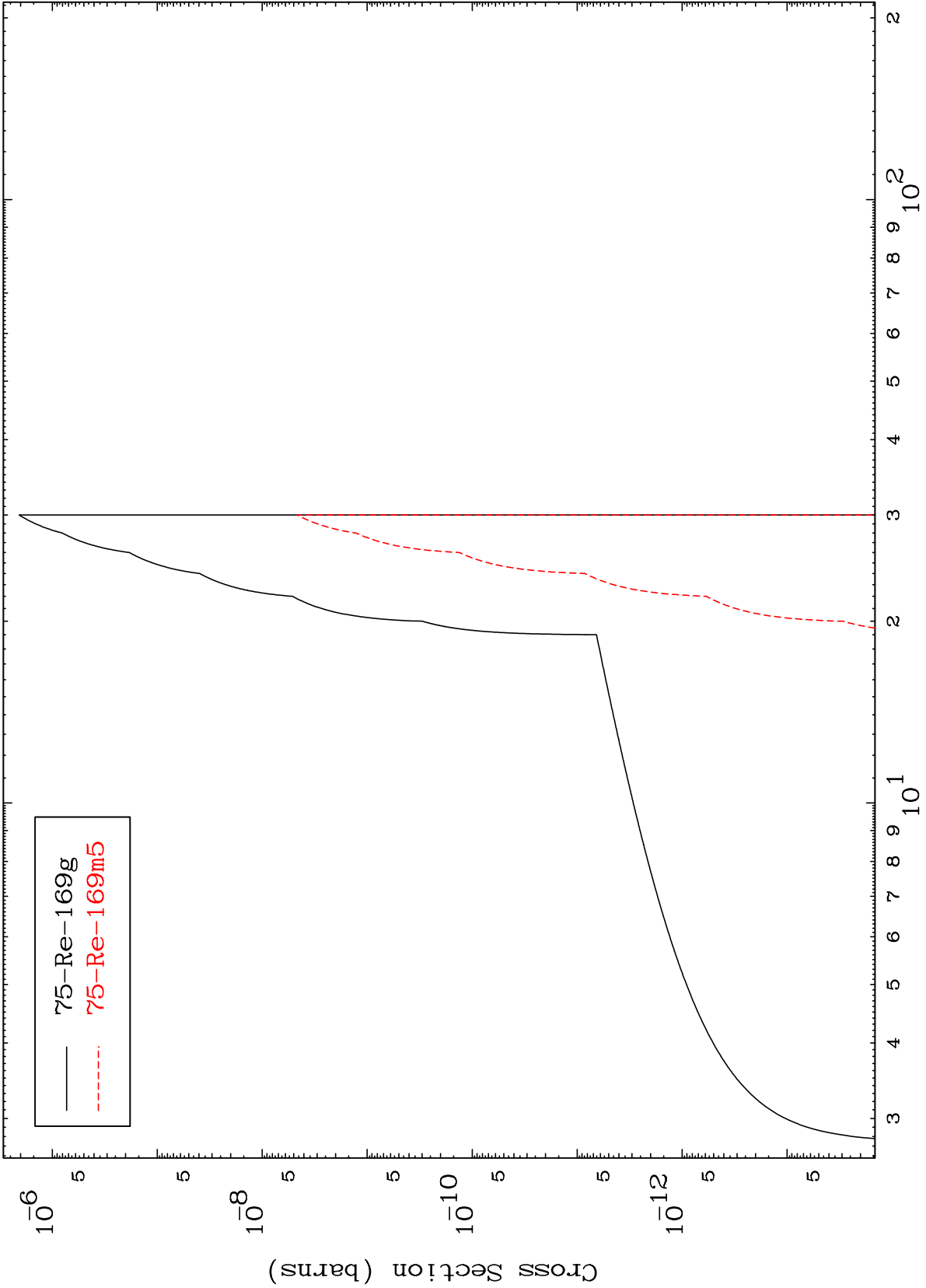
14

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(n,n') 2α

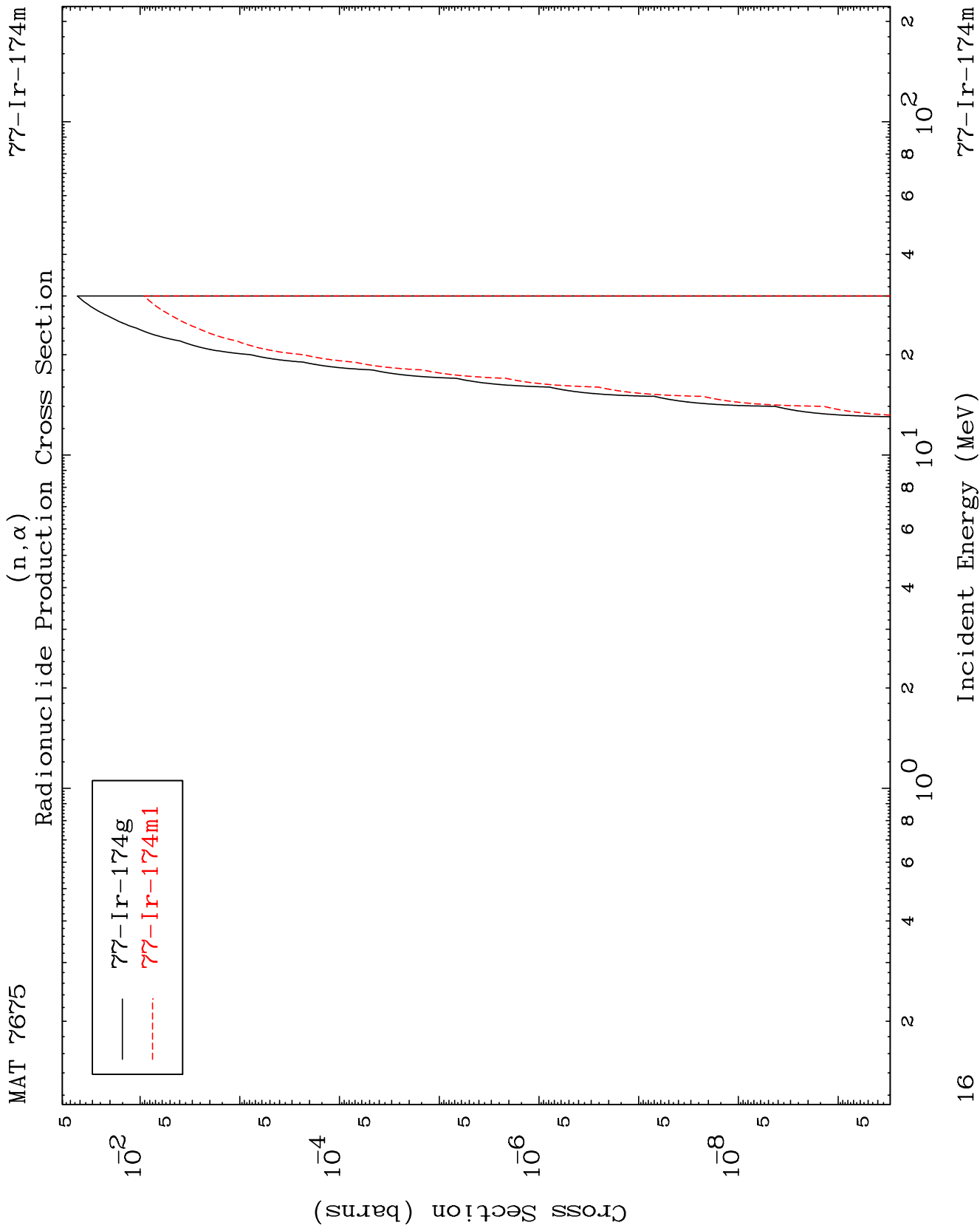
77-Ir-174m

Radionuclide Production Cross Section



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

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77-Ir-174g
77-Ir-174m1