

Program EVALPLOT
(Version 2021-1)

by

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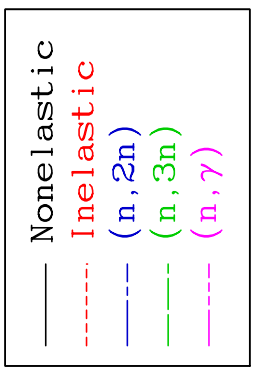
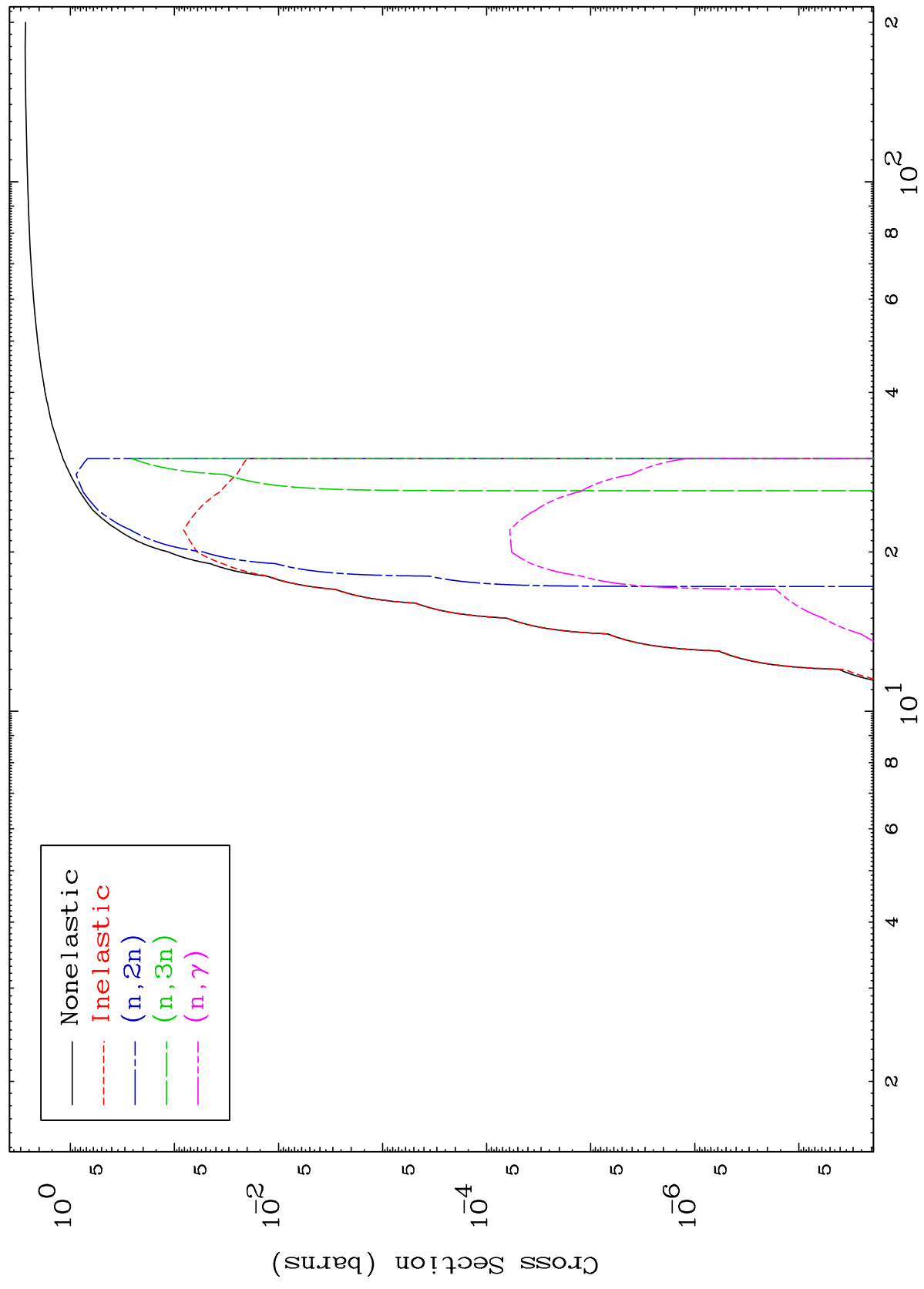
Press Mouse Button to Start

MAT 7726

0 Kelvin

Major Cross Sections

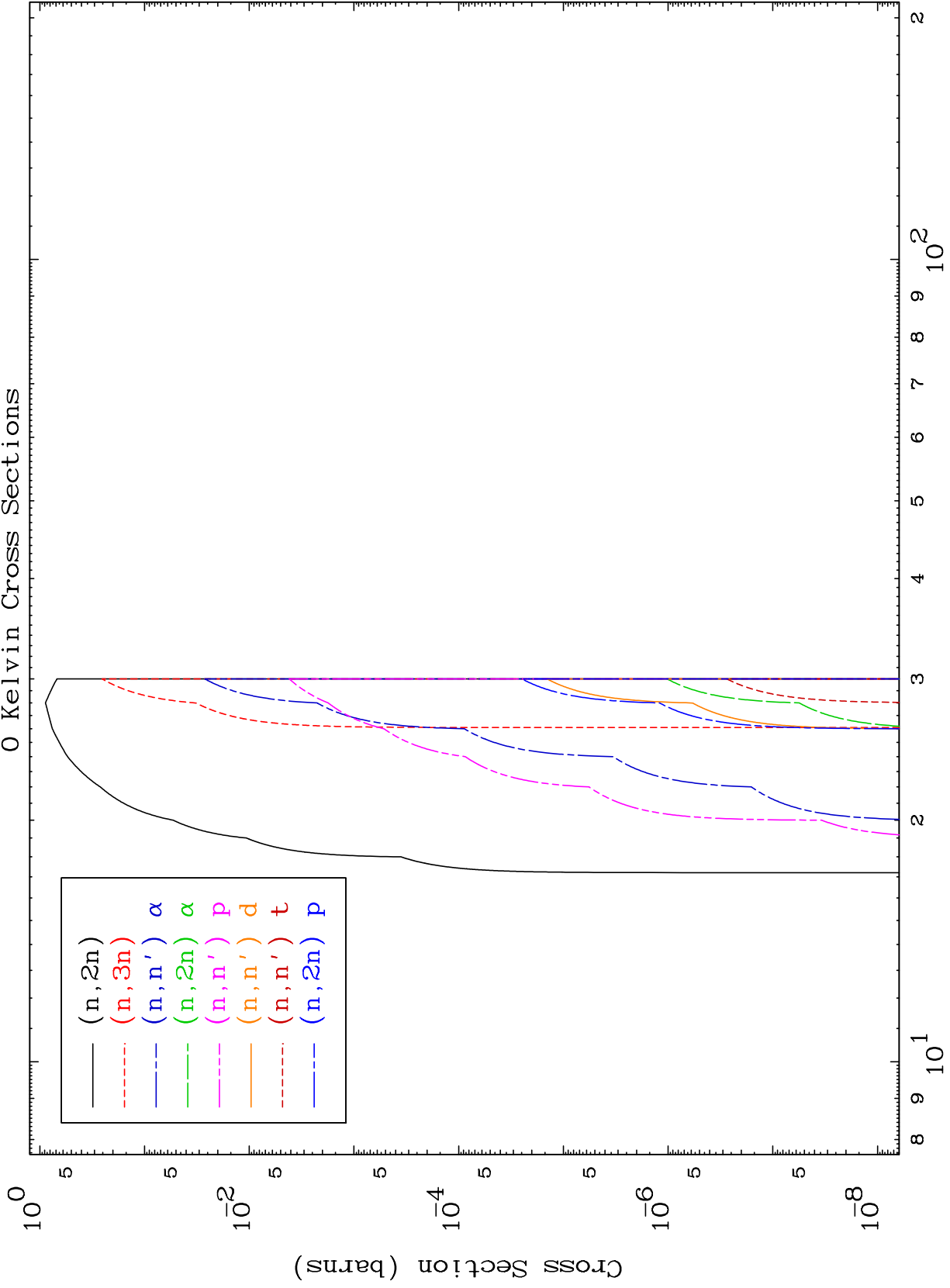
⁷⁷Ir-191m



MAT 7726

α Neutron Absorption
0 Kelvin Cross Sections

77-Ir-191m



2

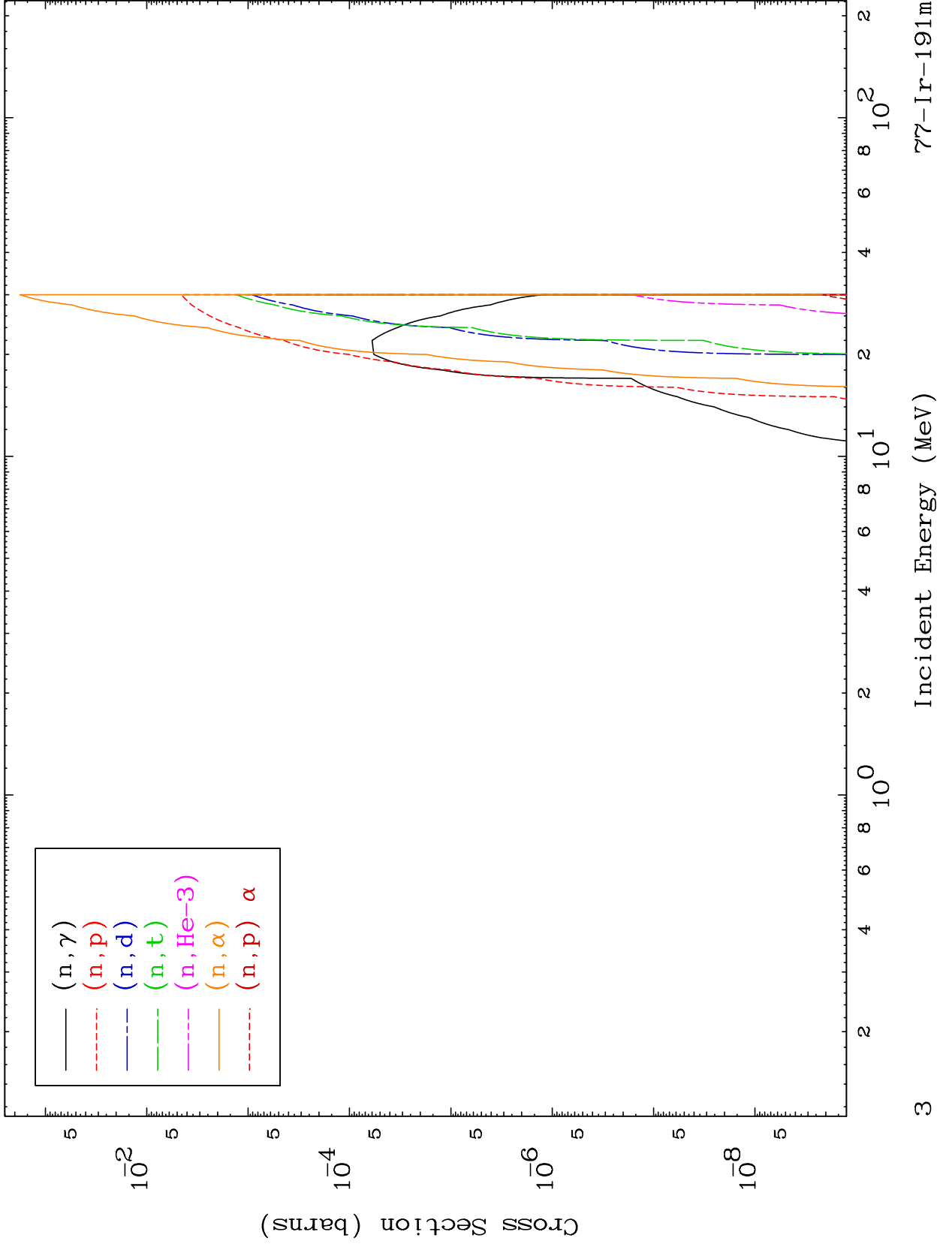
Incident Energy (MeV)

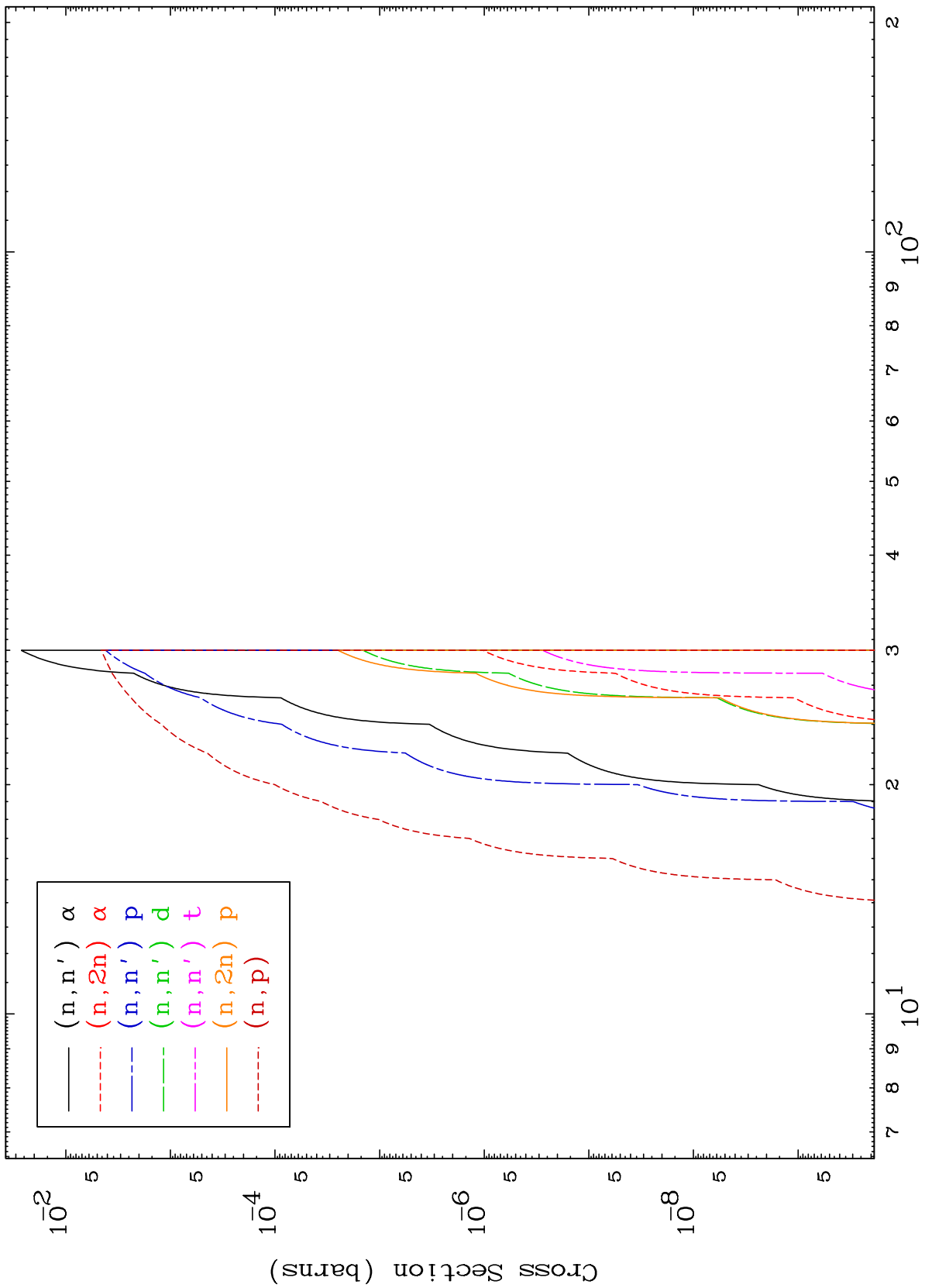
77-Ir-191m

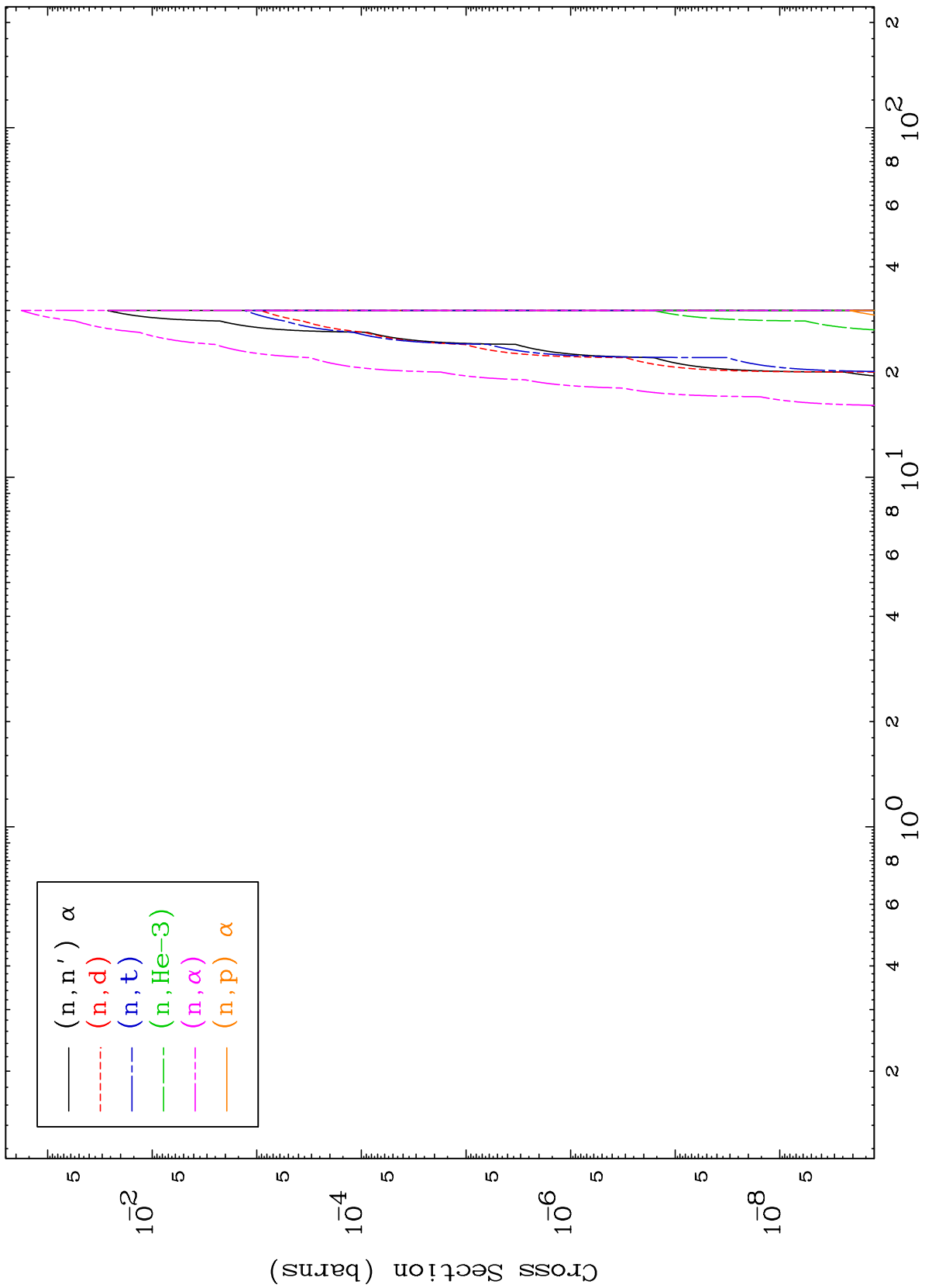
MAT 7726

α Neutron Absorption
0 Kelvin Cross Sections

77-Ir-191m





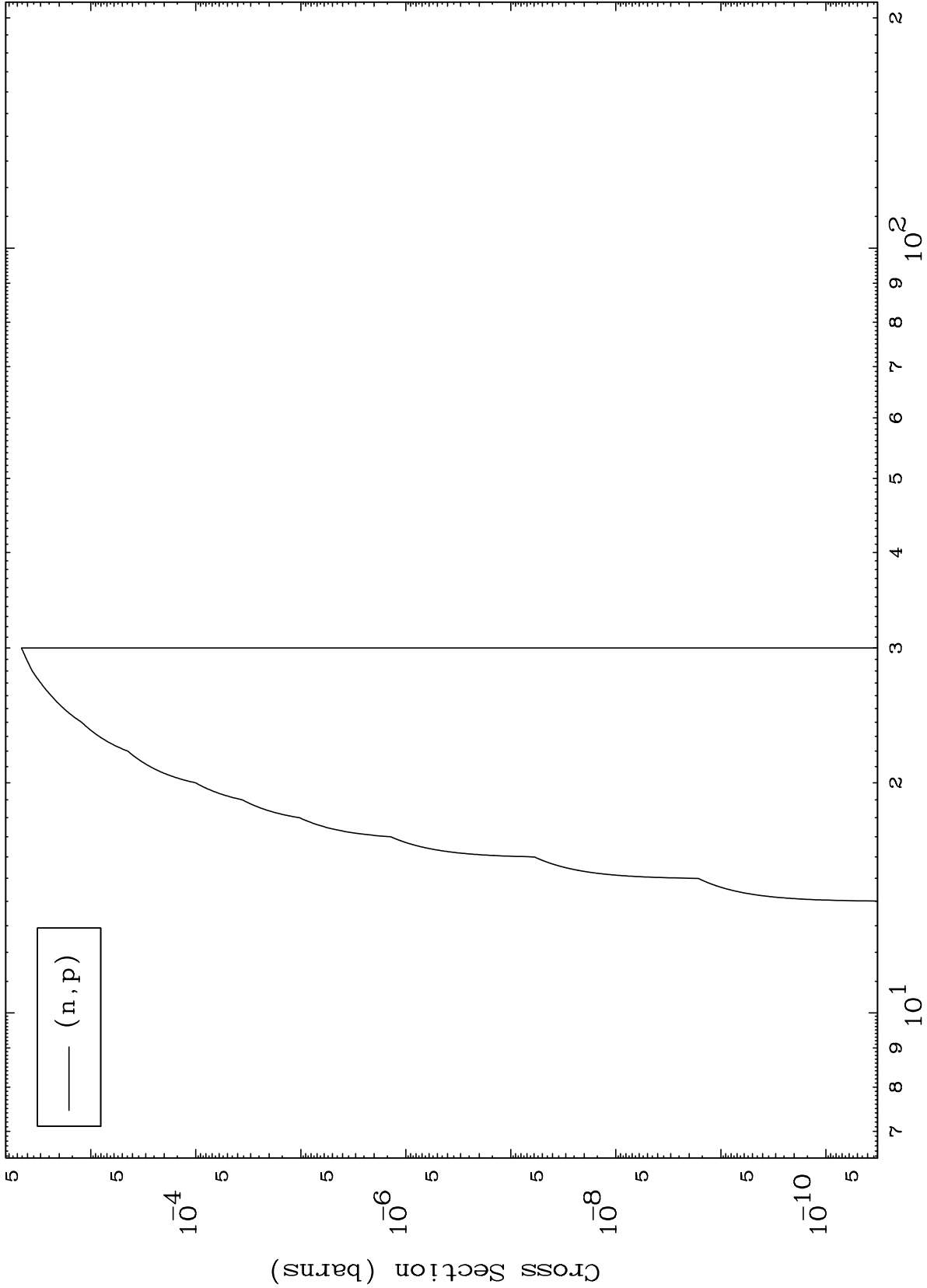


MAT 7726

(α, p) Levels

77-Ir-191m

0 Kelvin Cross Sections



6

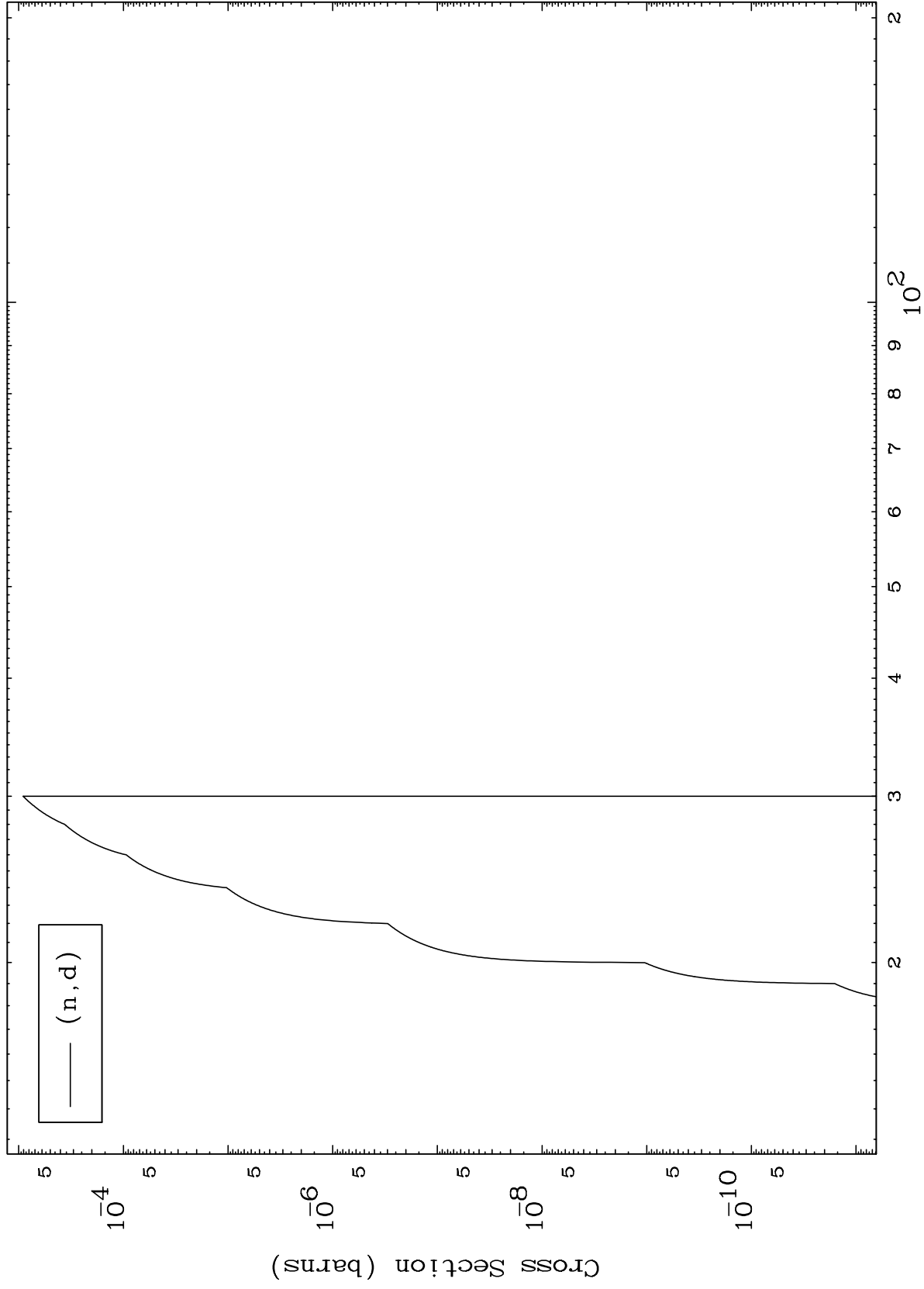
Incident Energy (MeV)

77-Ir-191m

MAT 7726

(α, d) Levels
0 Kelvin Cross Sections

77-Ir-191m



7

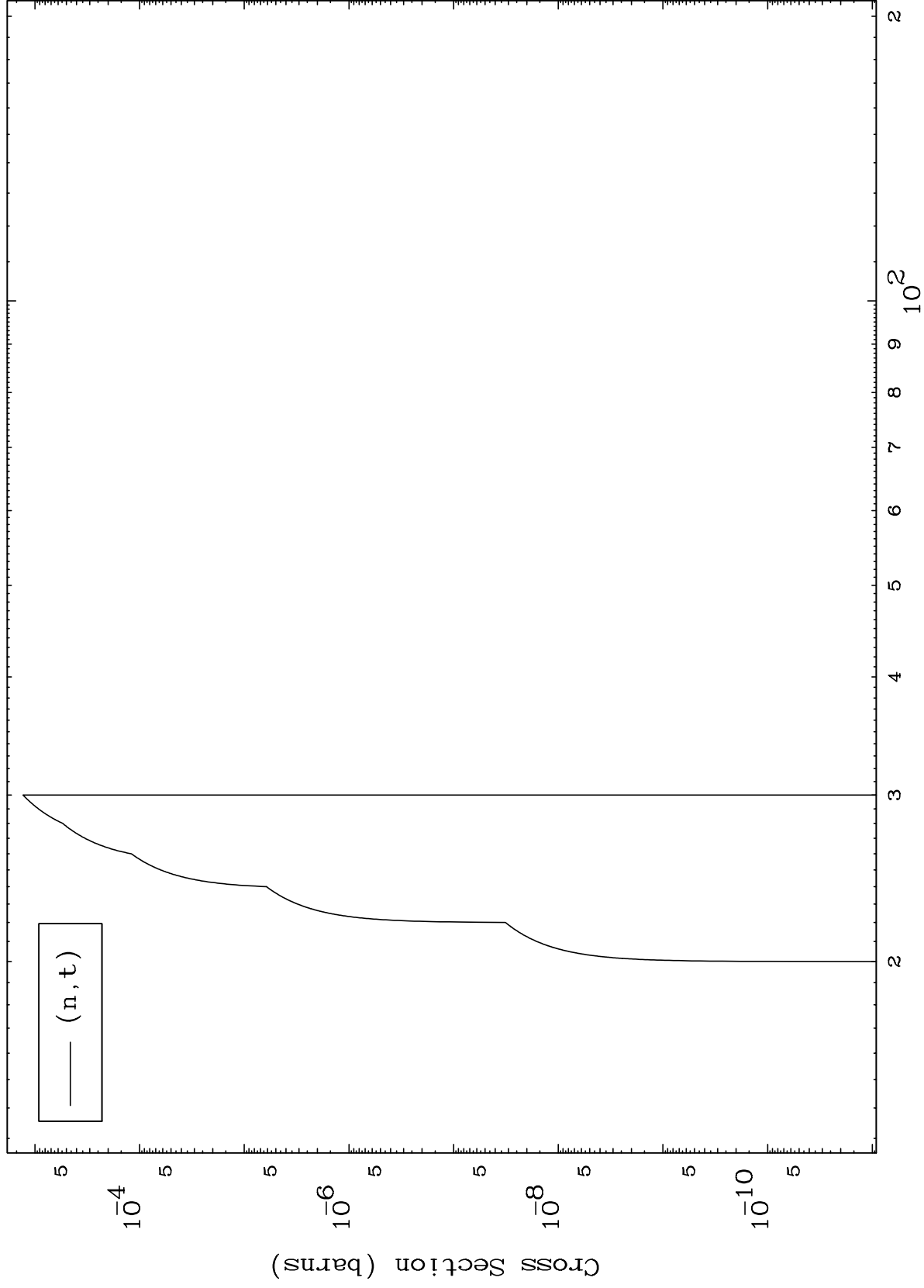
Incident Energy (MeV)

77-Ir-191m

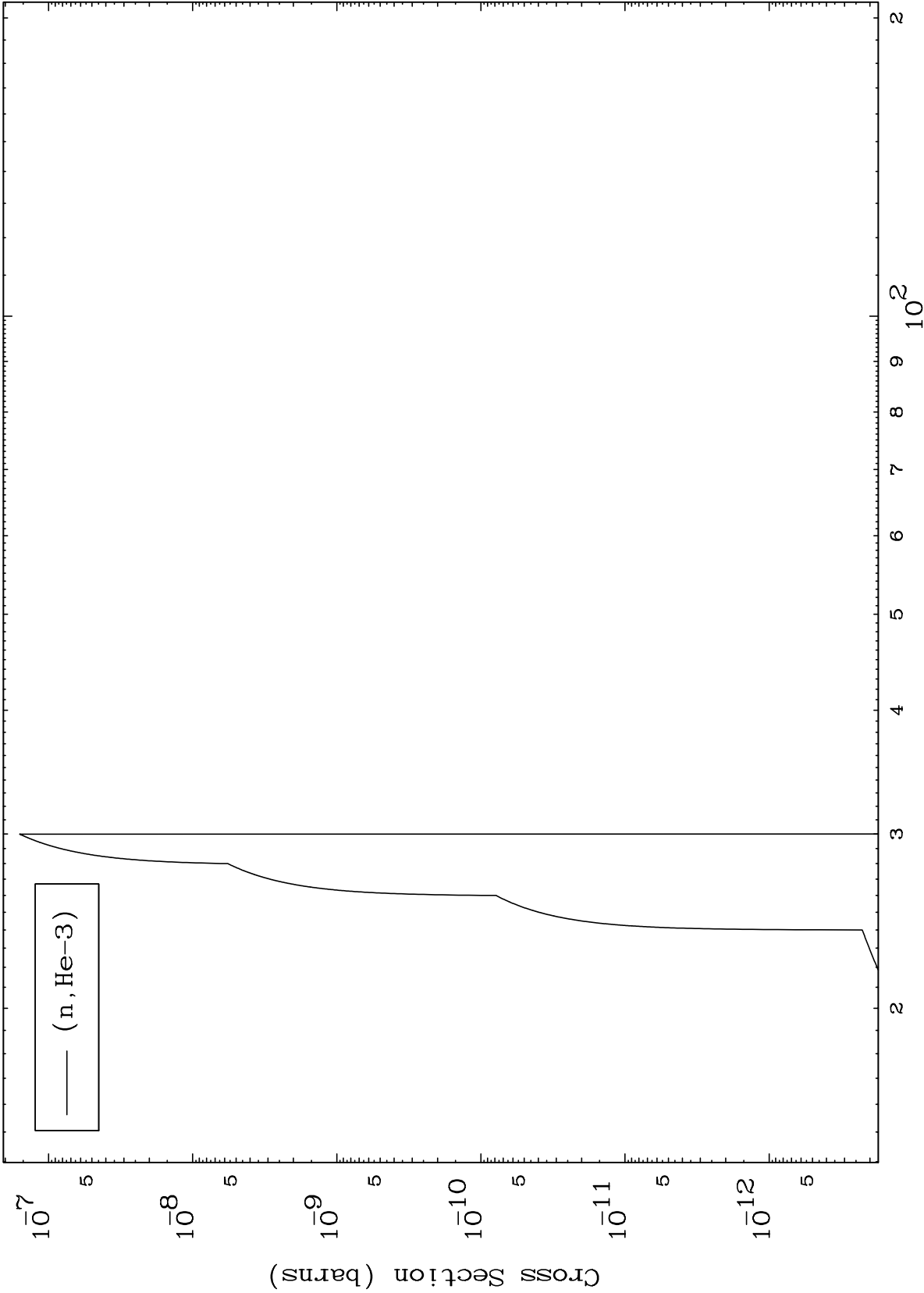
MAT 7726

(α, t) Levels
0 Kelvin Cross Sections

77-Ir-191m



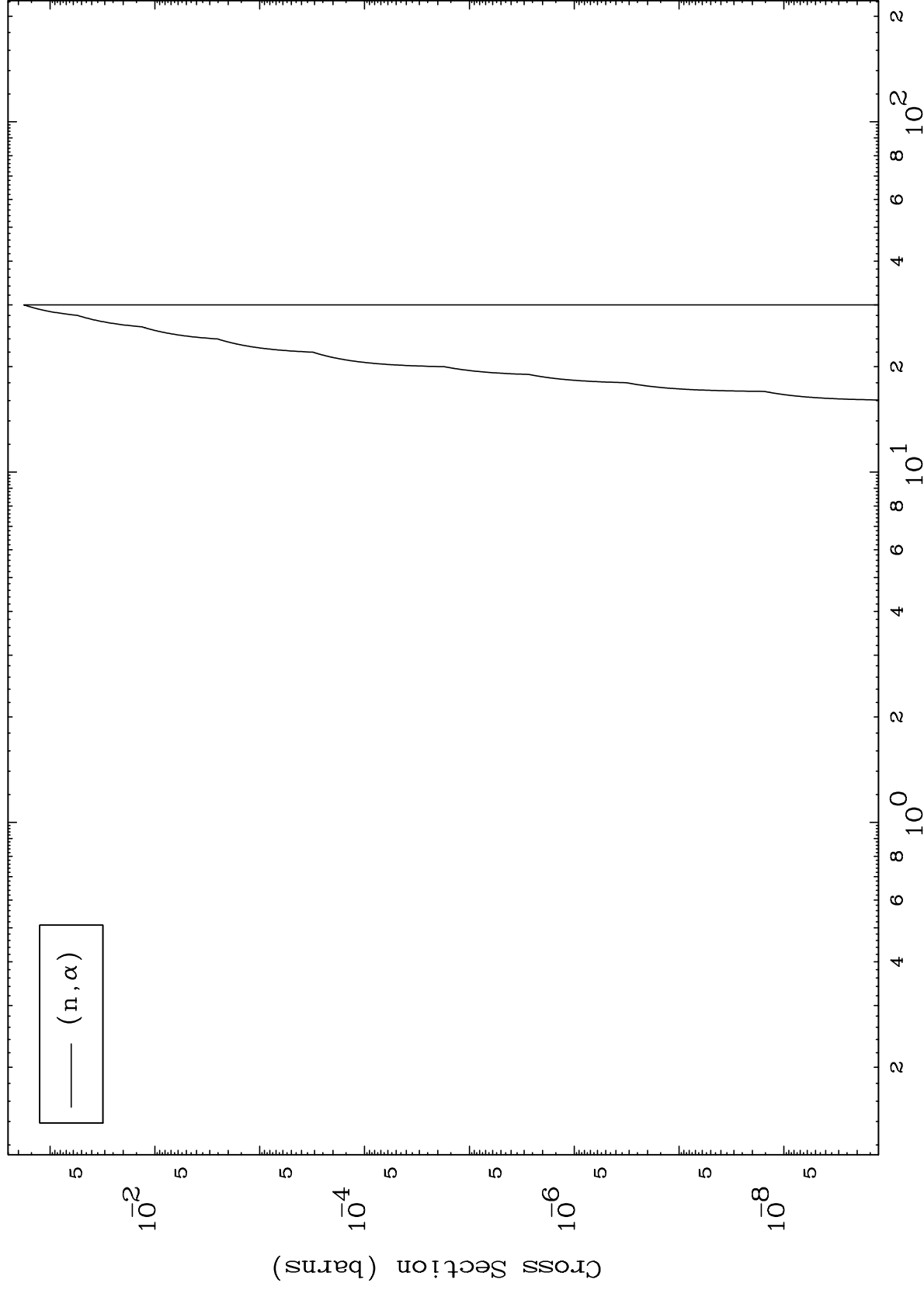
0 Kelvin Cross Sections



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(α, α) Levels
0 Kelvin Cross Sections

77-Ir-191m



10

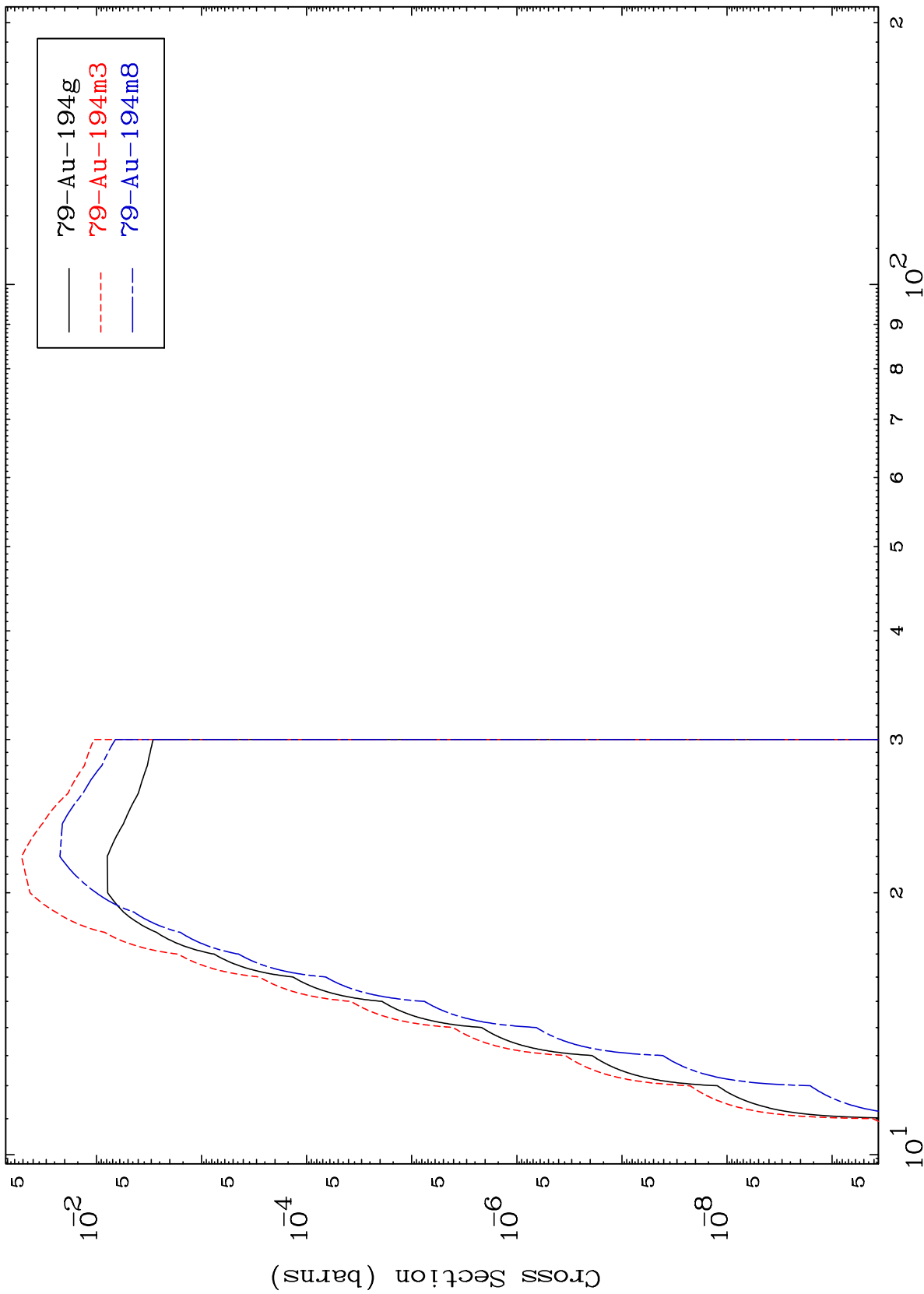
Incident Energy (MeV)

77-Ir-191m

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77-Ir-191m

Inelastic
Radionuclide Production Cross Section



77-Ir-191m

Incident Energy (MeV)

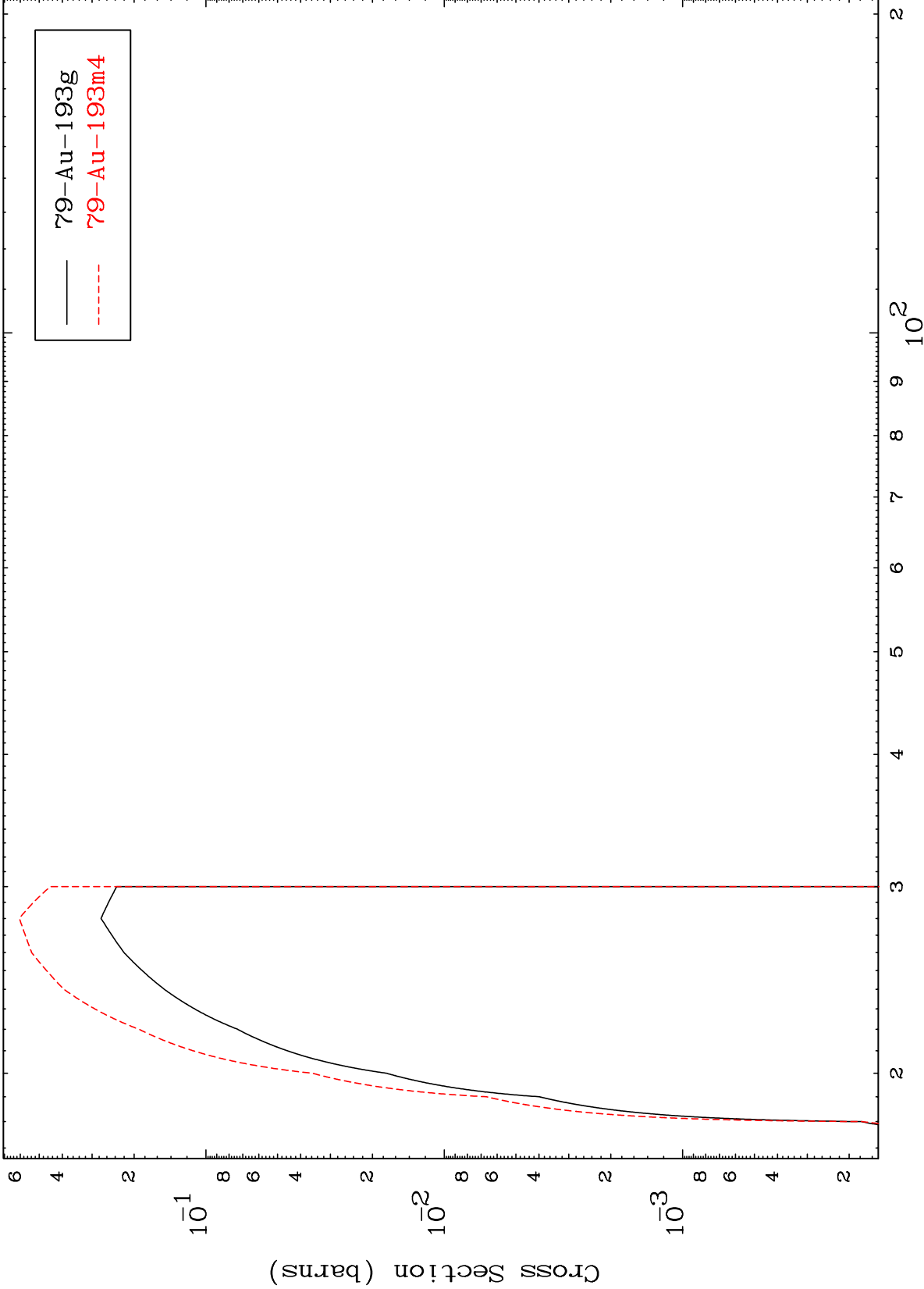
11

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(n,2n)

⁷⁷Ir-191m

Radionuclide Production Cross Section



— ⁷⁹Au-193g
- - - ⁷⁹Au-193m4

12

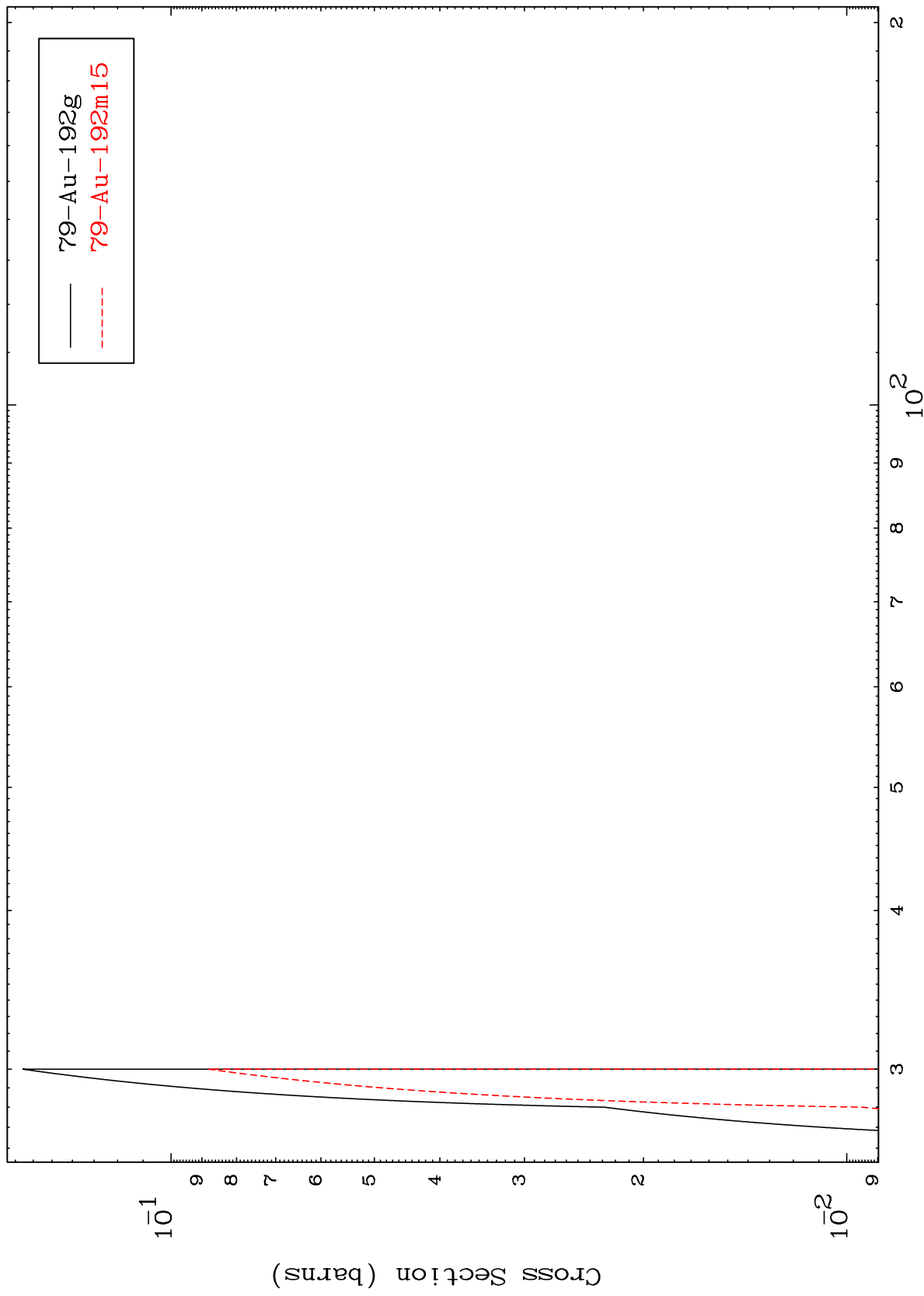
Incident Energy (MeV)

⁷⁷Ir-191m

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⁷⁷Ir-191m

(n,3n)
Radionuclide Production Cross Section



13

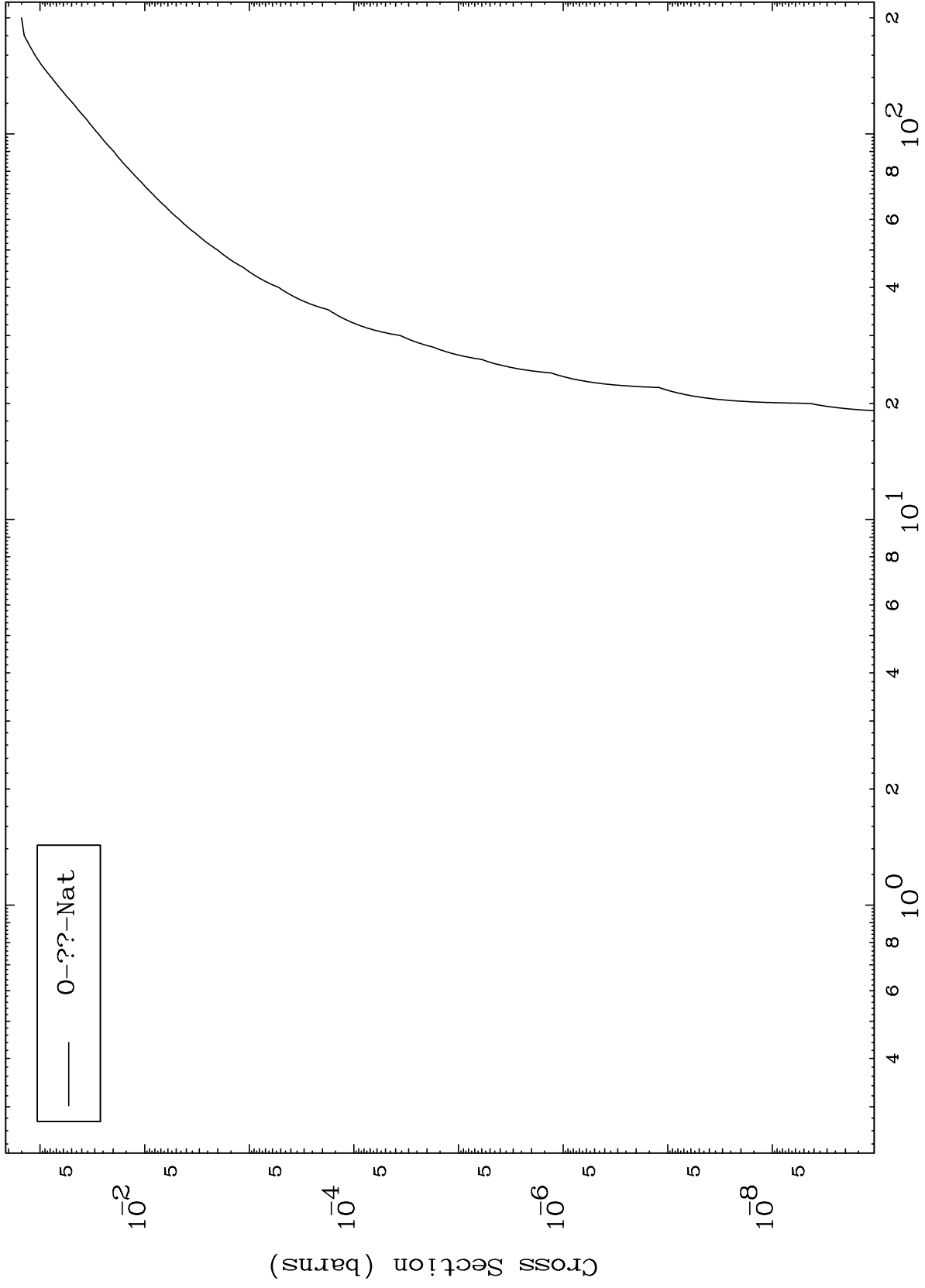
⁷⁷Ir-191m

Incident Energy (MeV)

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Fission
Radionuclide Production Cross Section

77-Ir-191m



14

Incident Energy (MeV)

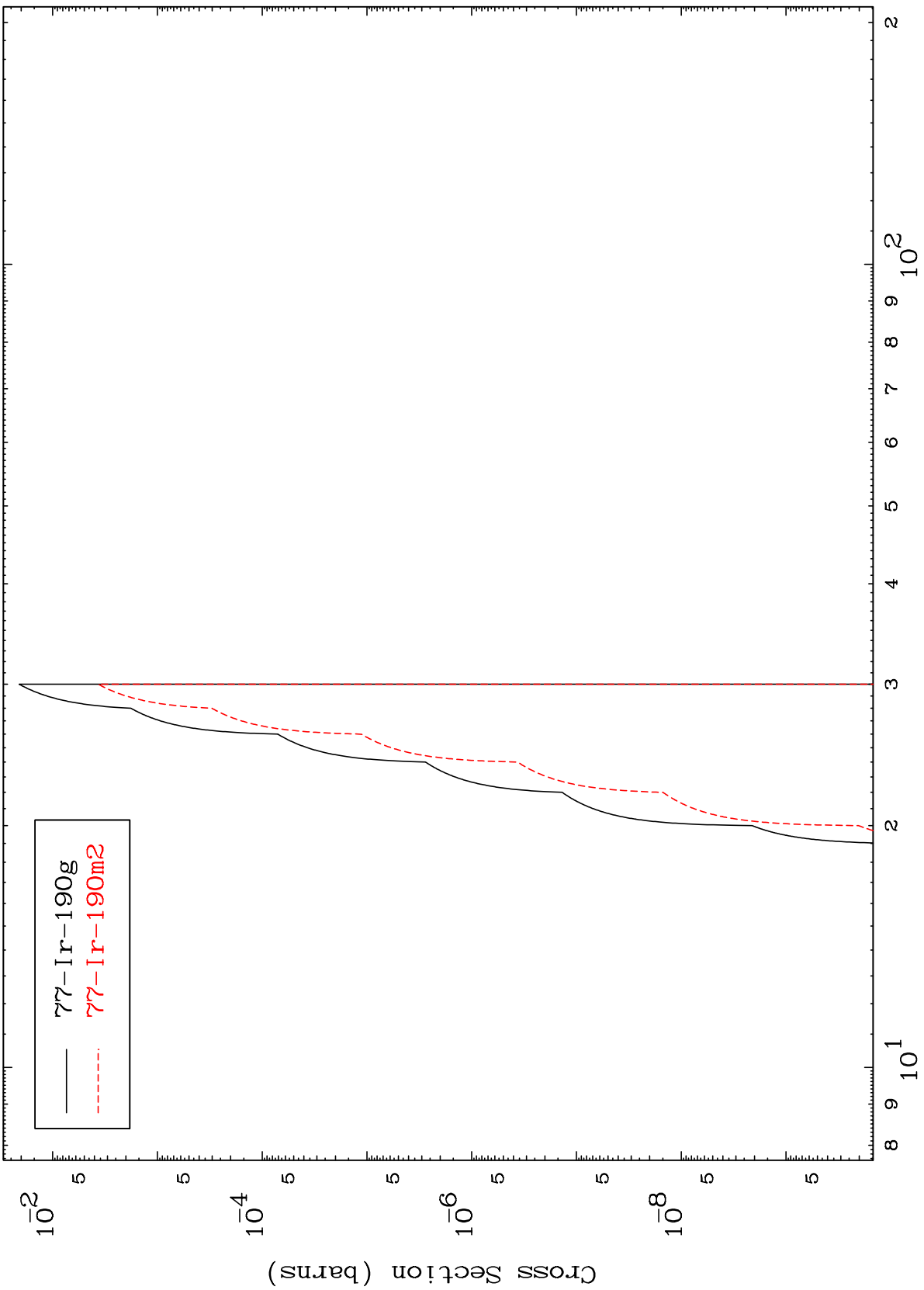
77-Ir-191m

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(n,n') α

⁷⁷Ir-191m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

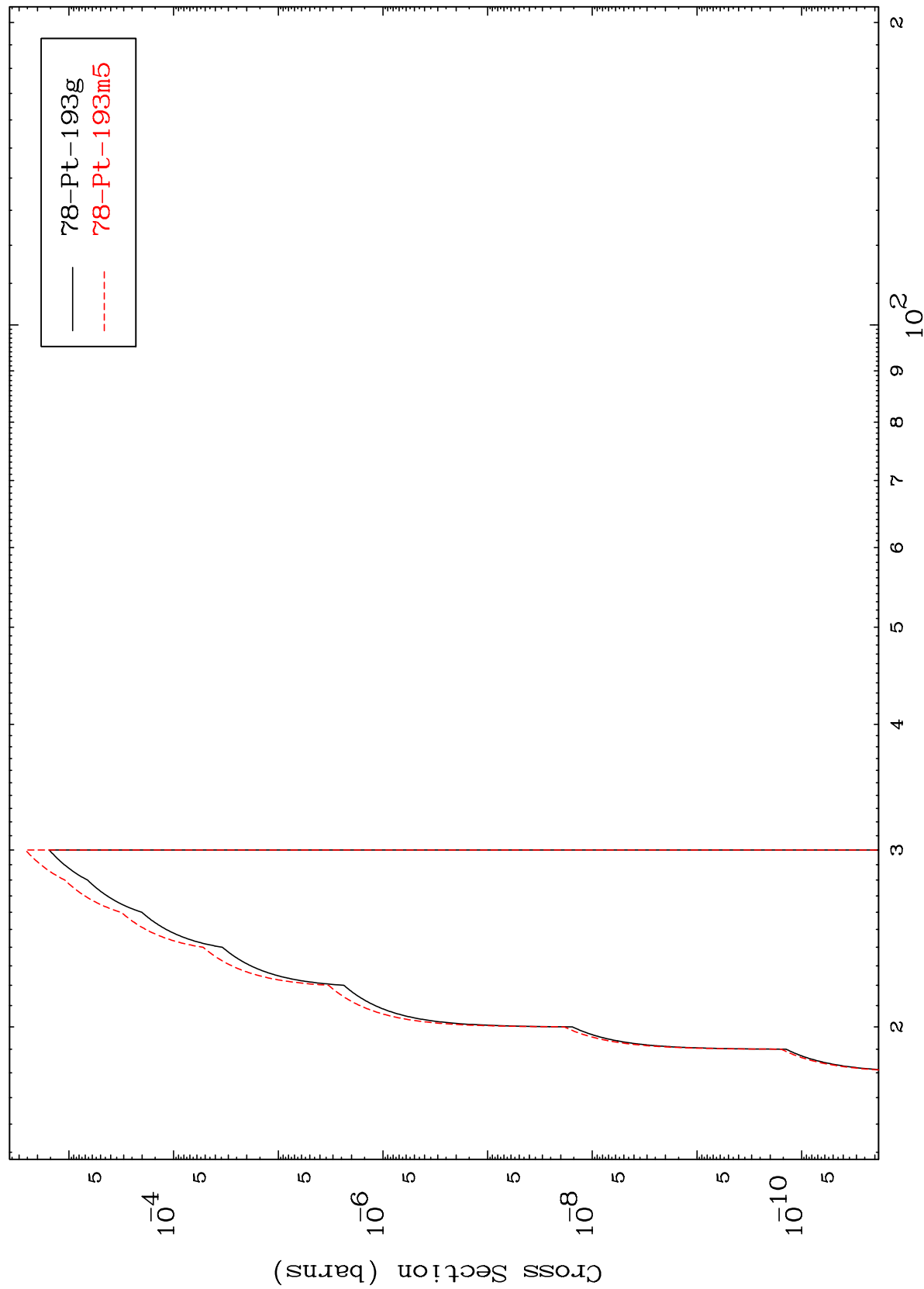
⁷⁷Ir-191m

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(n,n') p

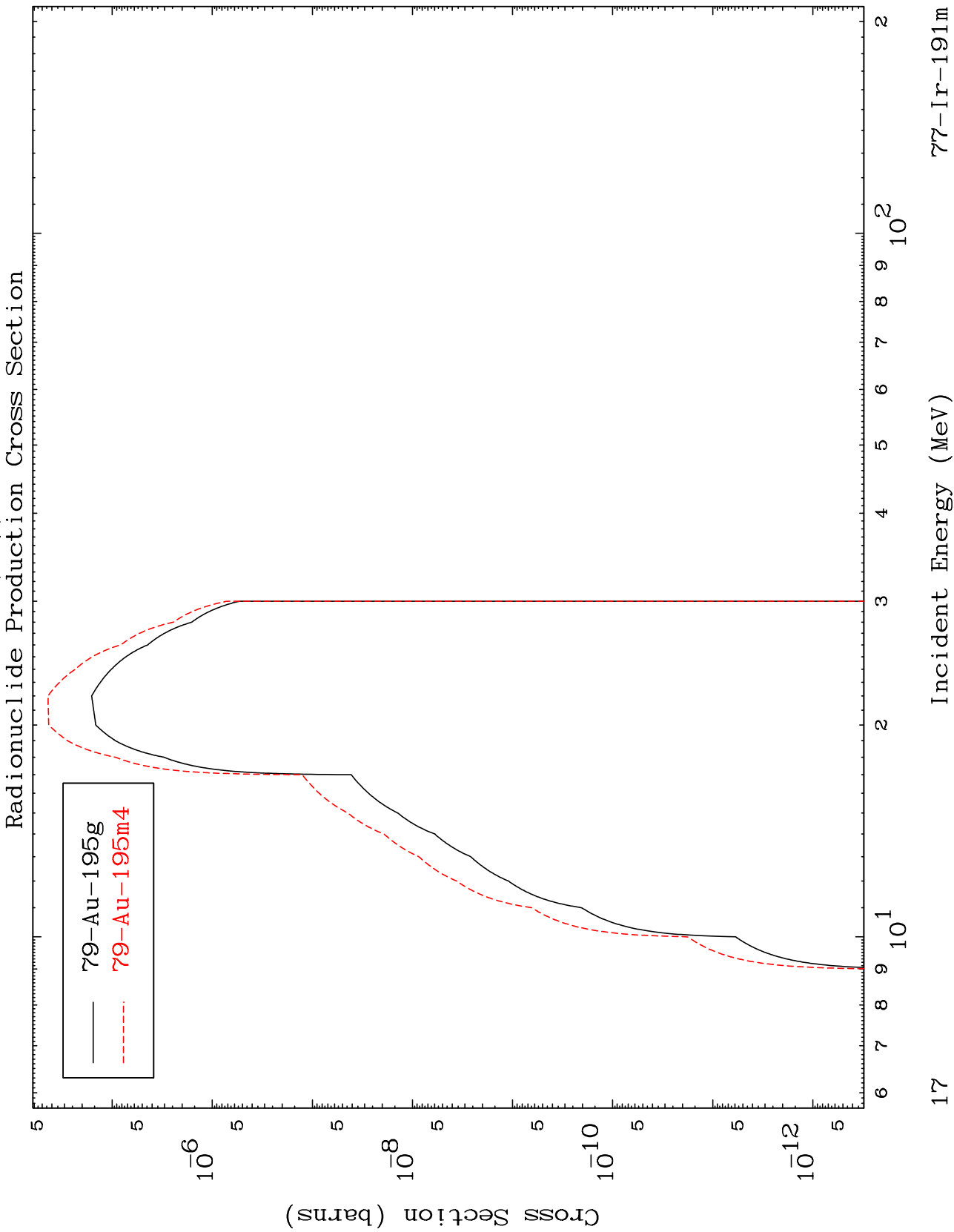
77-Ir-191m

Radionuclide Production Cross Section



MAT 7726

⁷⁷Ir-191m

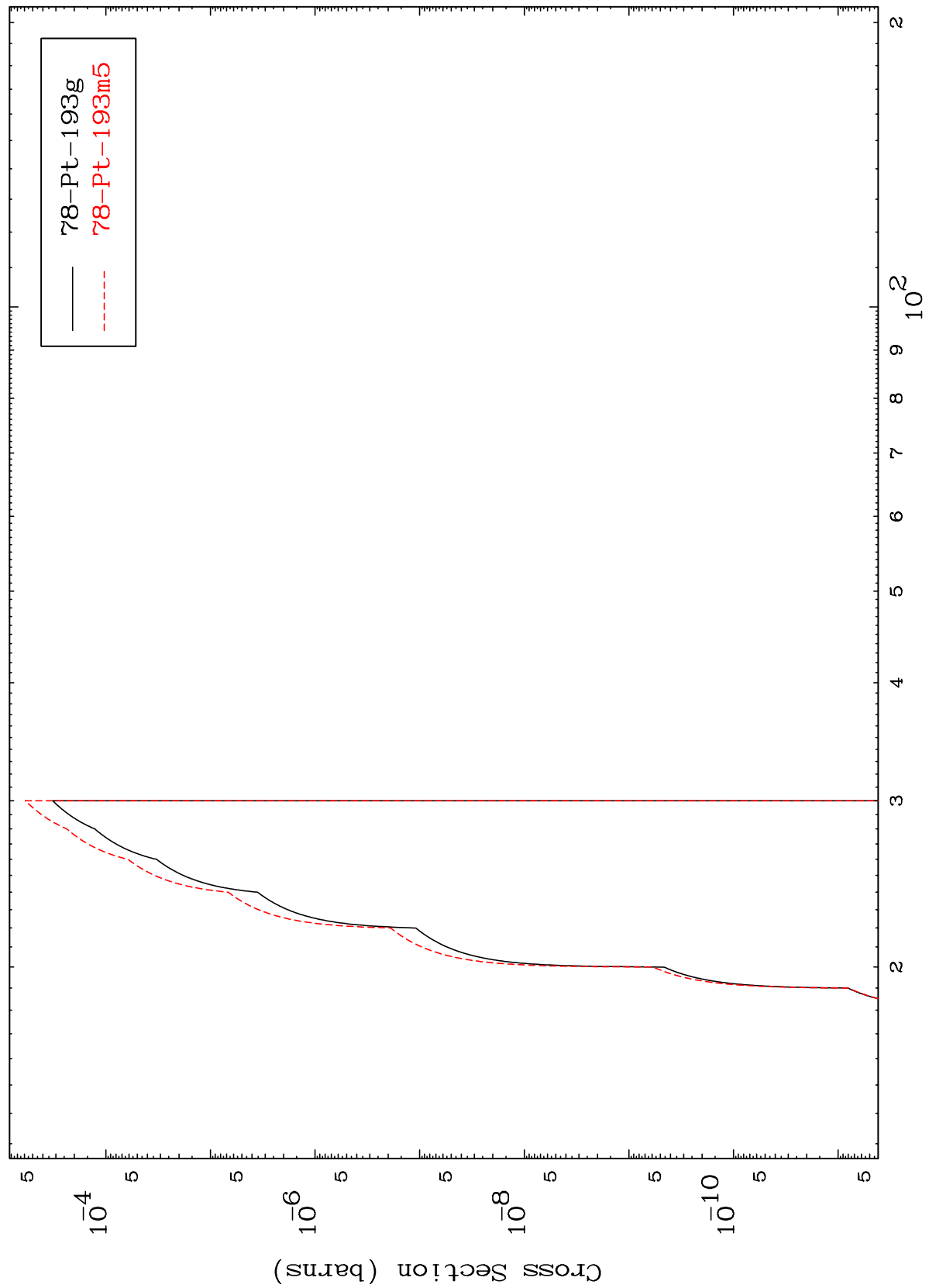


— 79-Au-195g
- - - 79-Au-195m4

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77-Ir-191m

(n,d)
Radionuclide Production Cross Section



78-Pt-193g
78-Pt-193m5

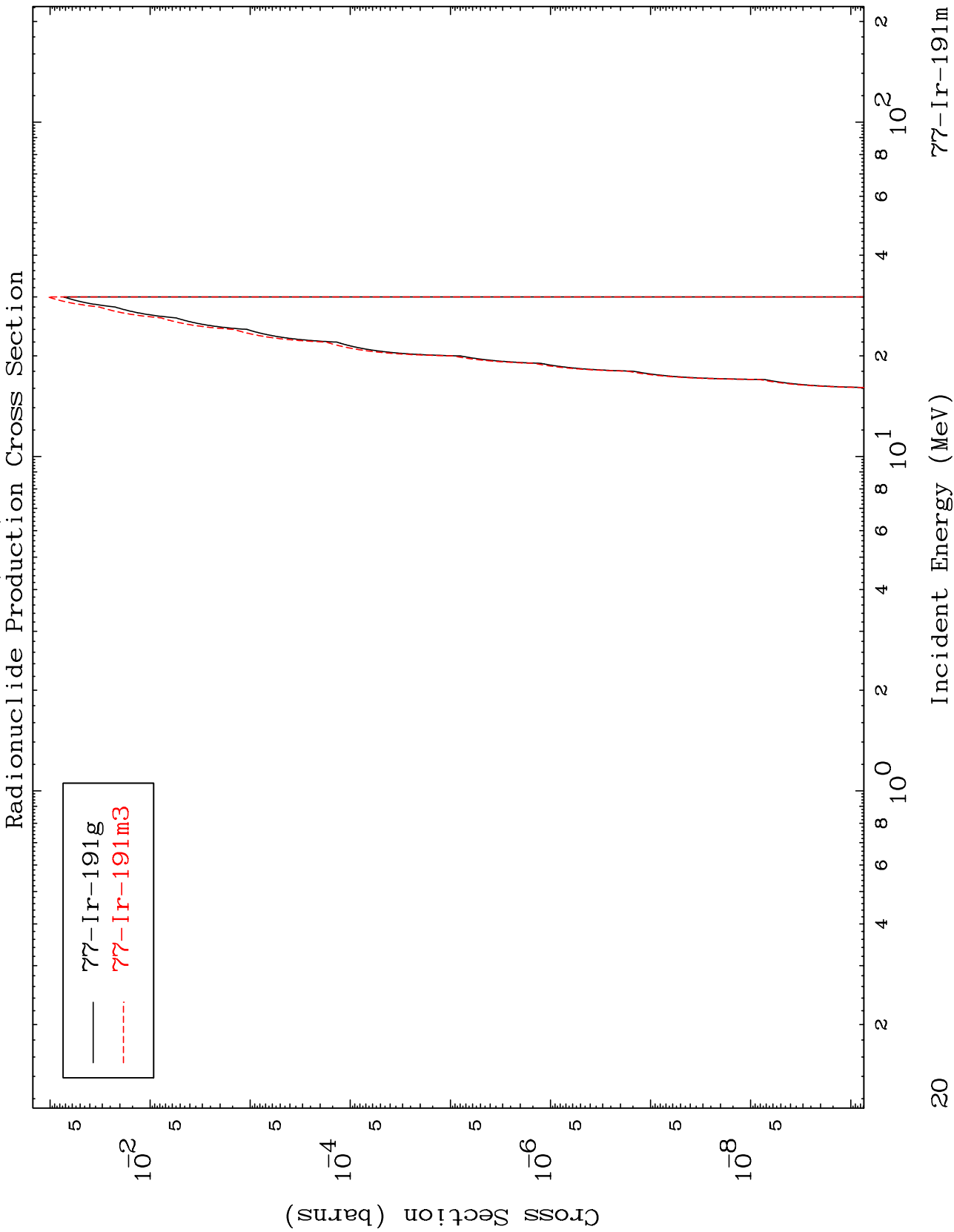
18

Incident Energy (MeV)

77-Ir-191m

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⁷⁷Ir-191m



⁷⁷Ir-191m

MAT 7726

(n,p) α

77-Ir-191m

Radionuclide Production Cross Section

