

Program EVALPLOT
(Version 2021-1)

by

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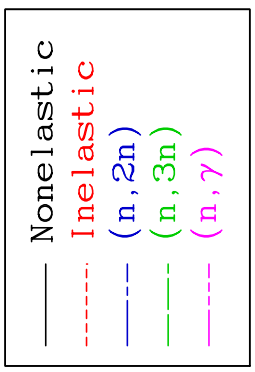
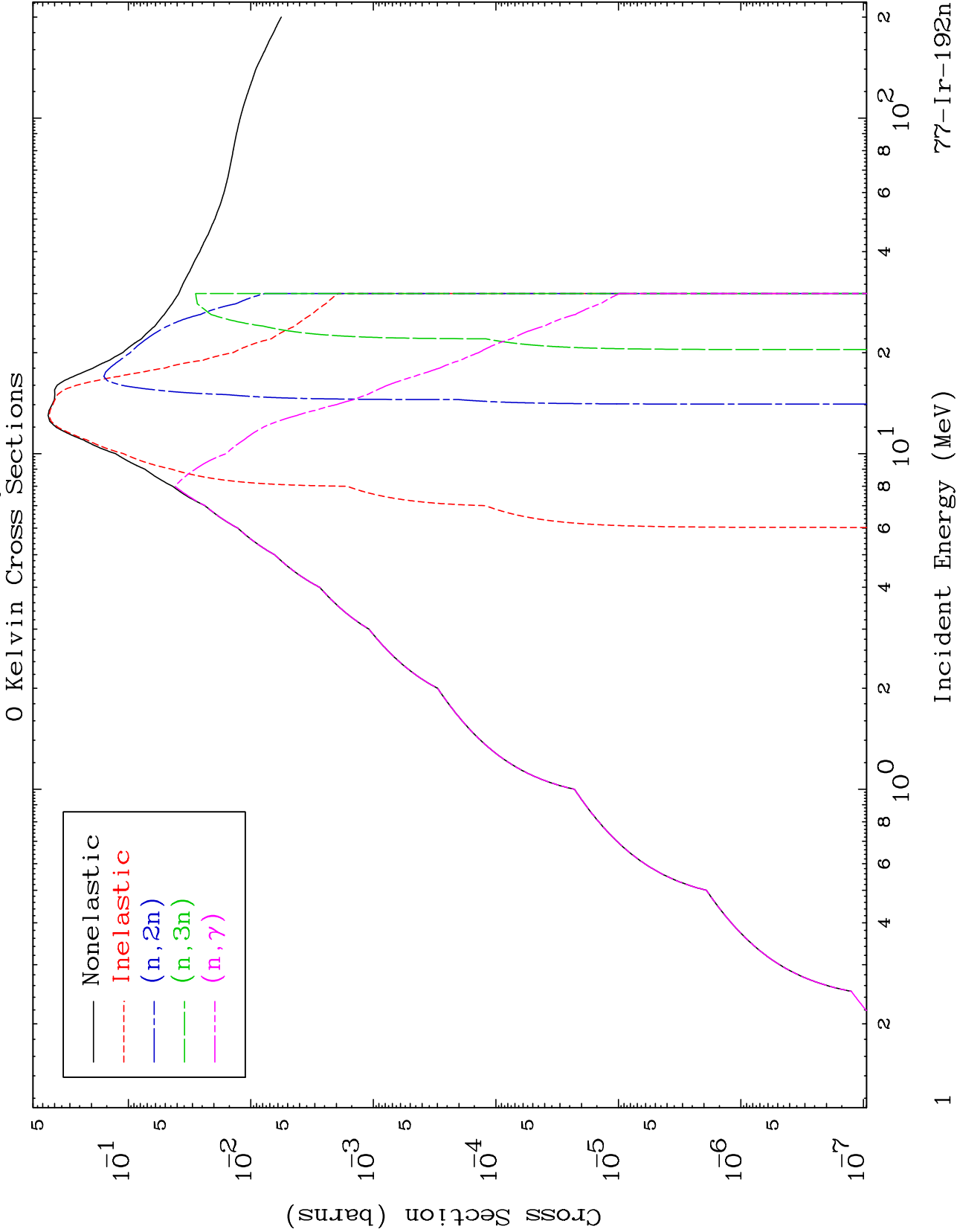
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7730

Photon Major

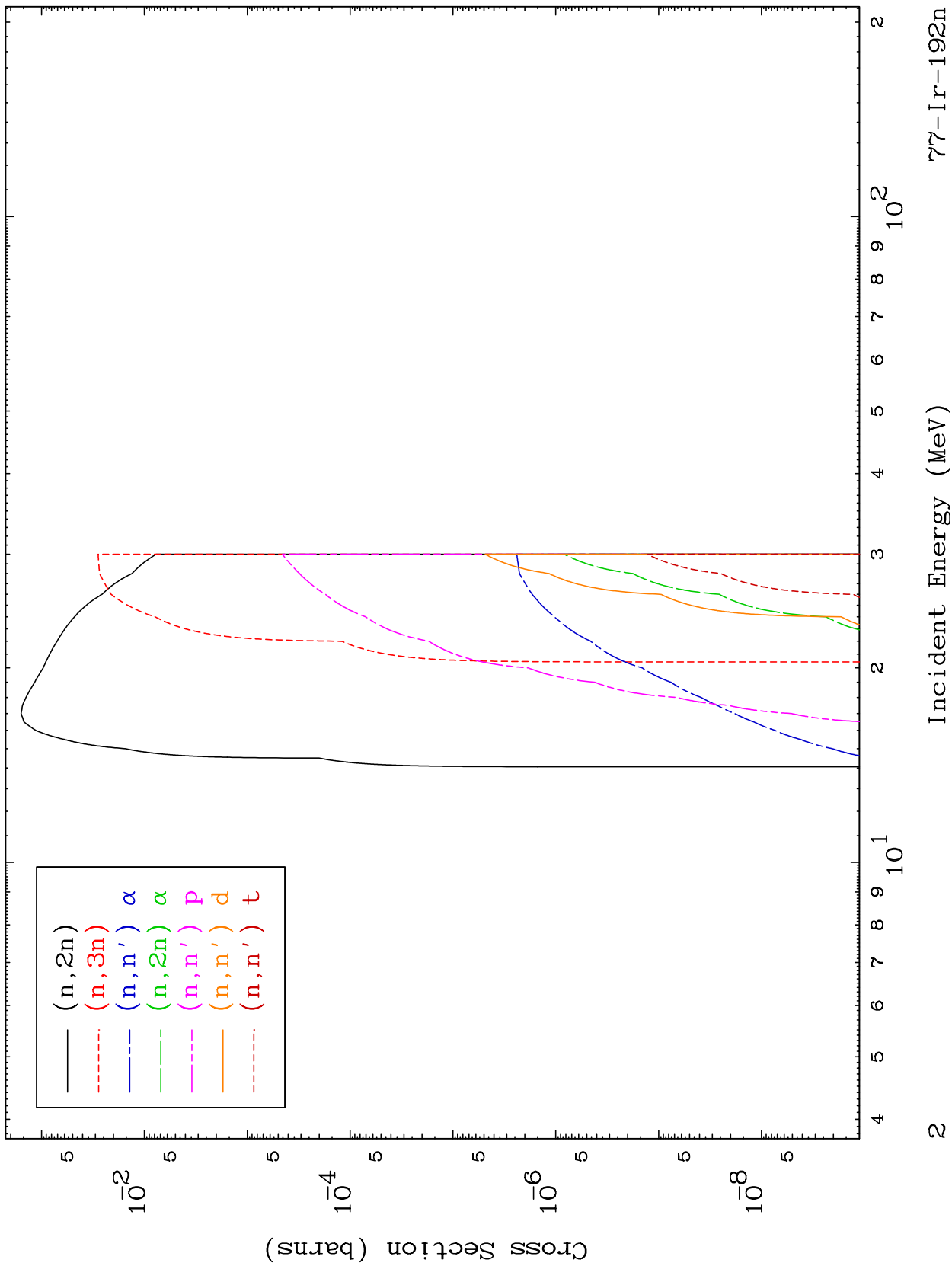
77-Ir-192n



MAT 7730

Photon Neutron Absorption
0 Kelvin Cross Sections

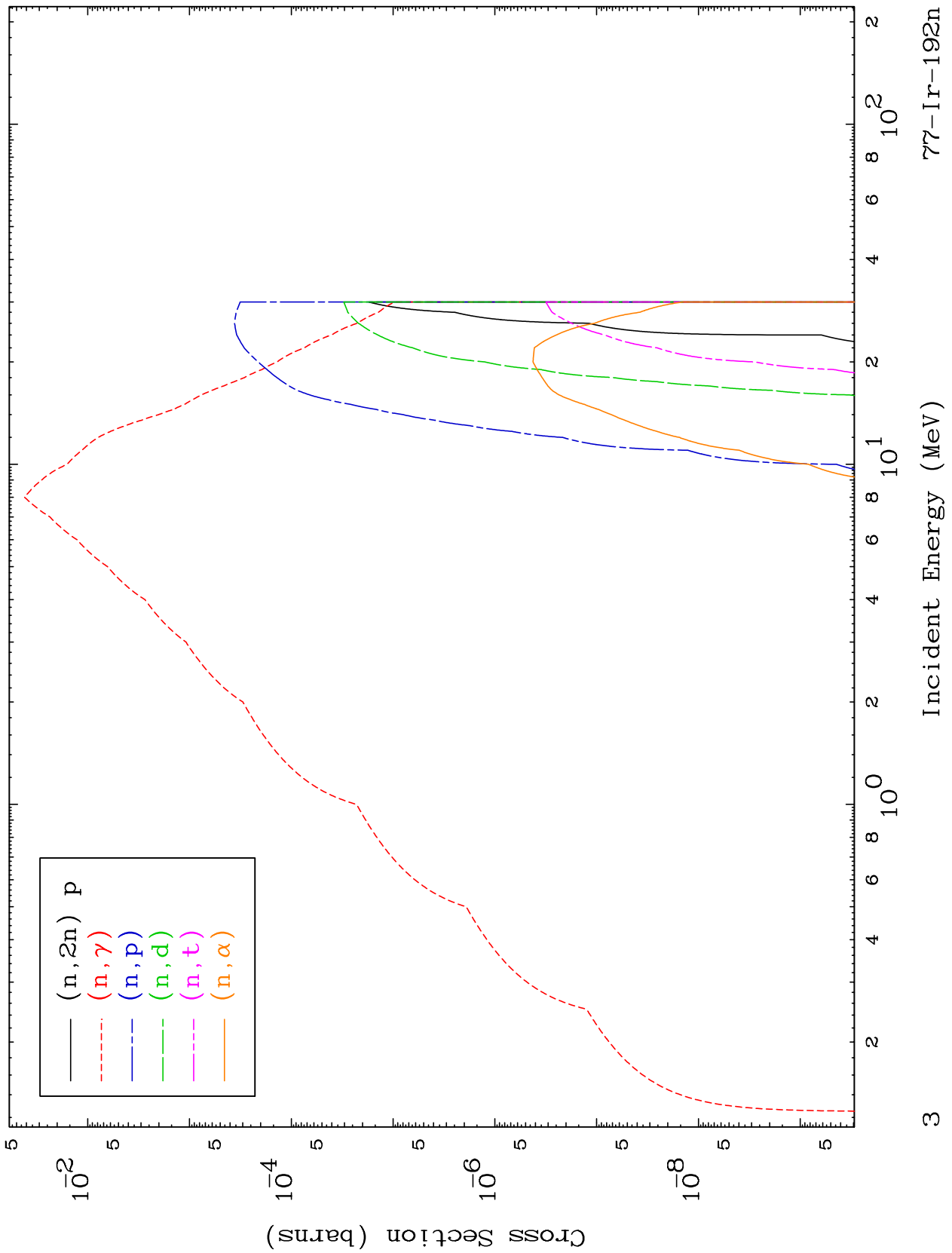
77-Ir-192n



MAT 7730

Photon Neutron Absorption
0 Kelvin Cross Sections

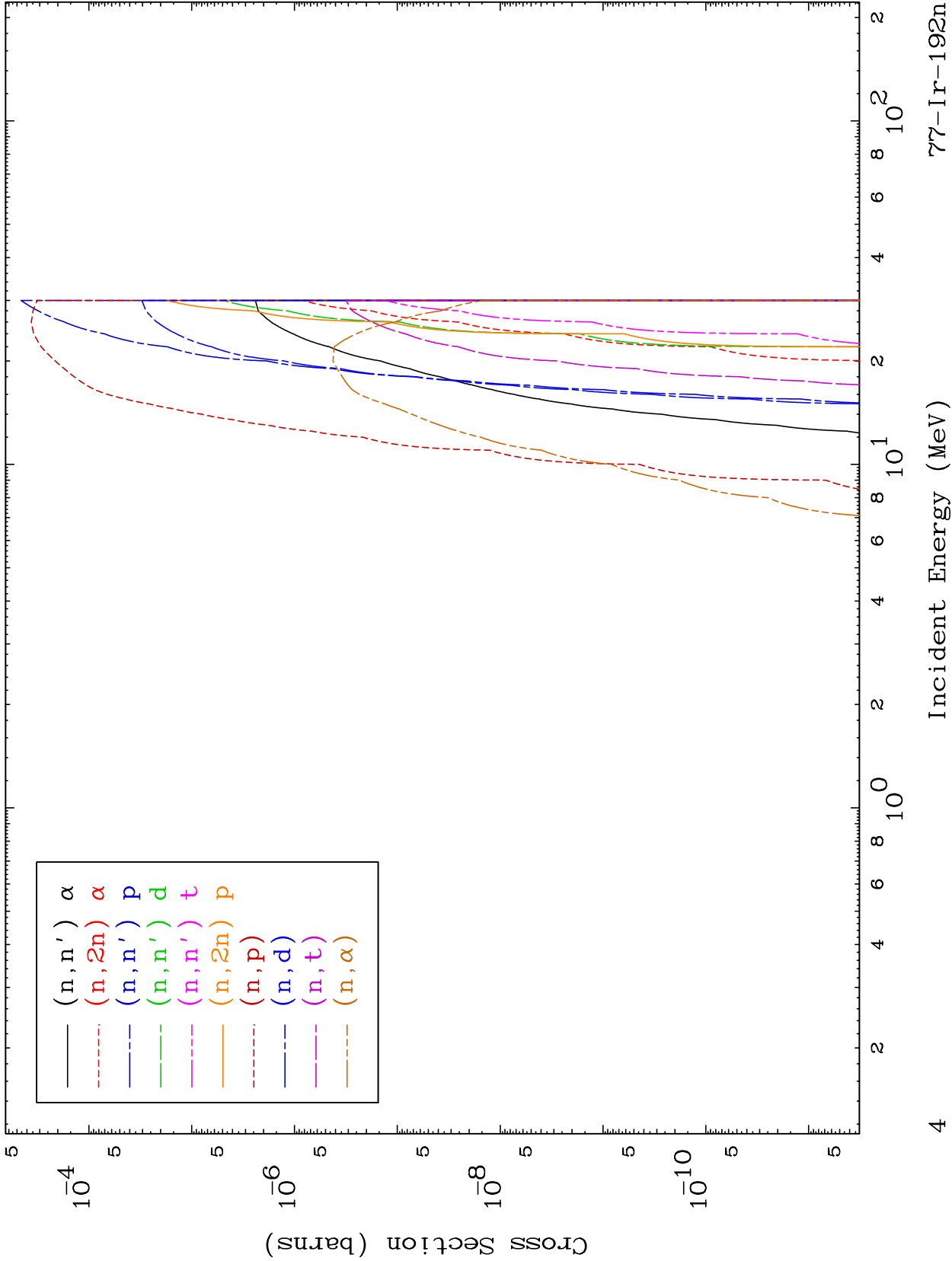
77-Ir-192n



MAT 7730

Photon Charged Particle
0 Kelvin Cross Sections

77-Ir-192n

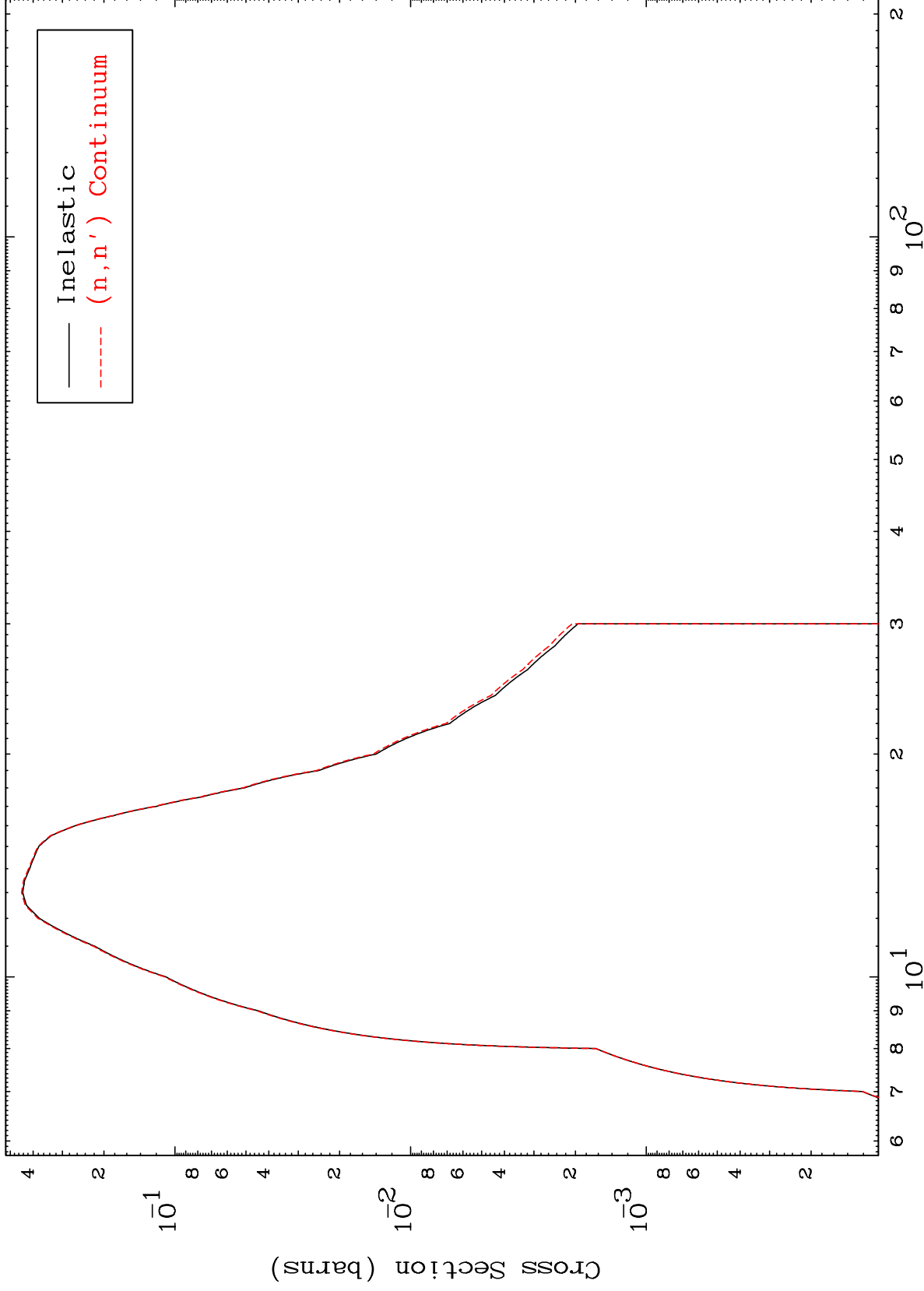


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(γ, n') Levels

77-Ir-192n

0 Kelvin Cross Sections



Incident Energy (MeV)

77-Ir-192n

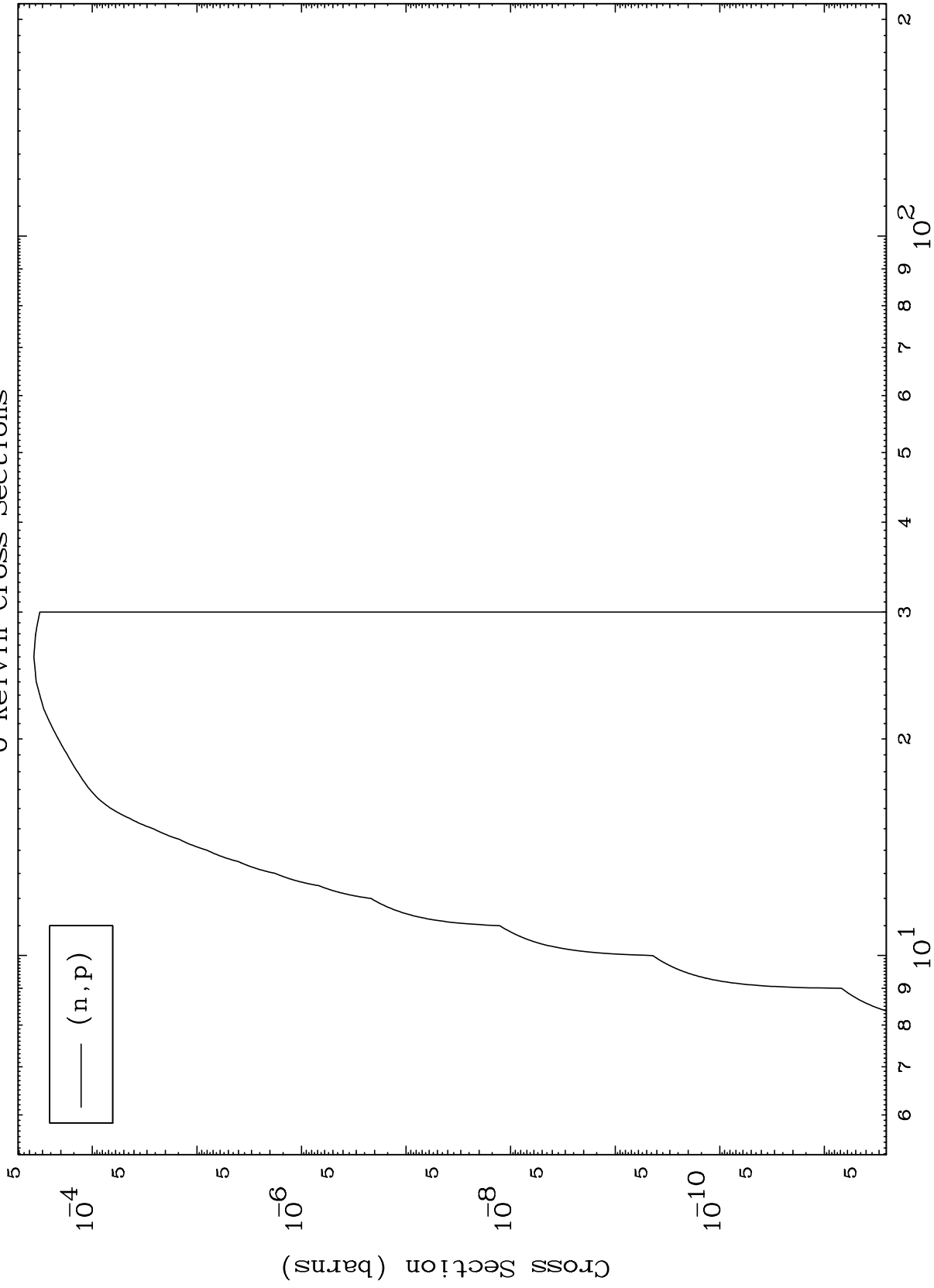
5

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(γ, p) Levels

$^{77}\text{Ir}-192\text{n}$

0 Kelvin Cross Sections



6

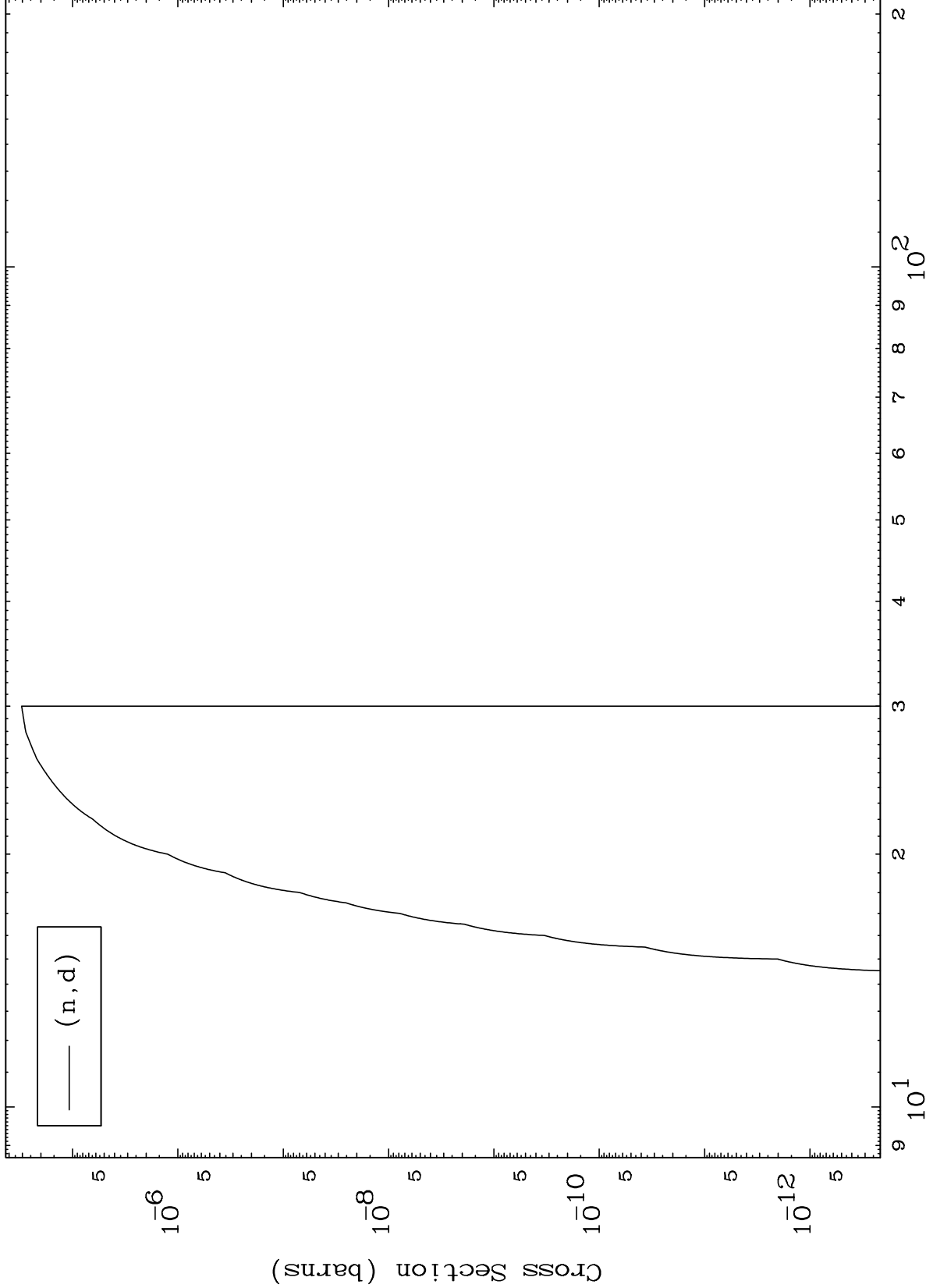
Incident Energy (MeV)

$^{77}\text{Ir}-192\text{n}$

MAT 7730

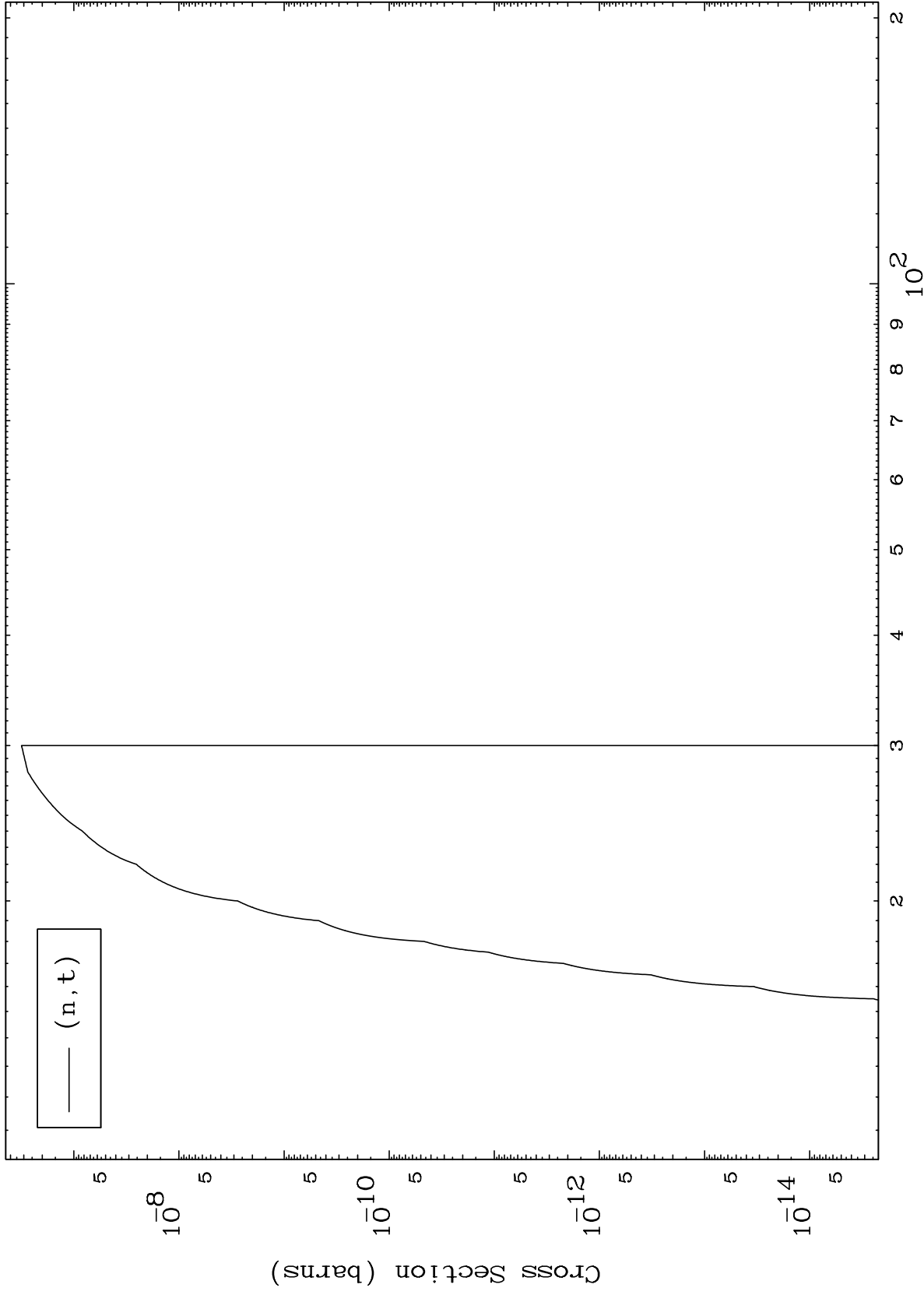
(γ, d) Levels
0 Kelvin Cross Sections

77-Ir-192n



Incident Energy (MeV)

77-Ir-192n

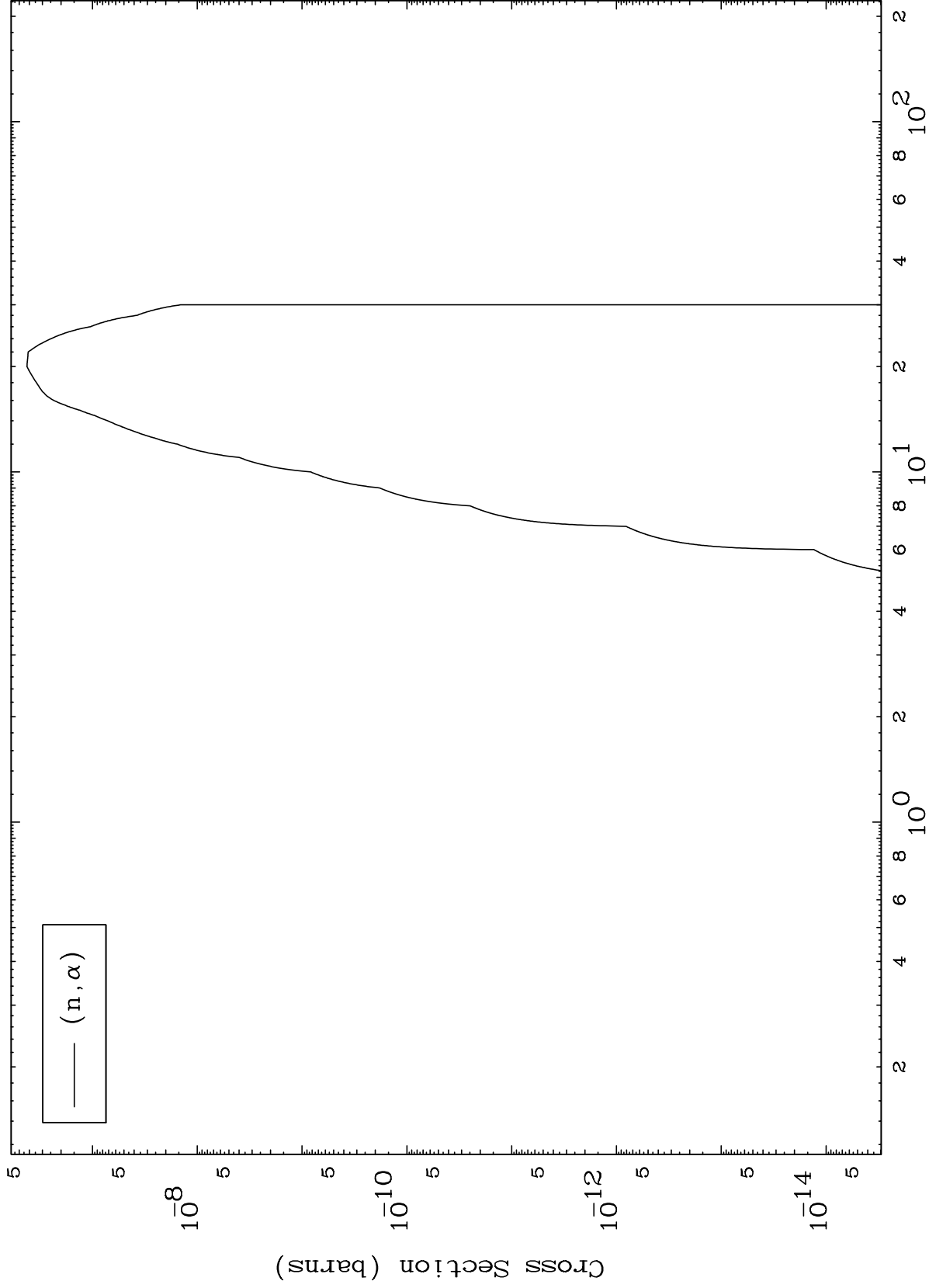


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(γ, α) Levels

77-Ir-192n

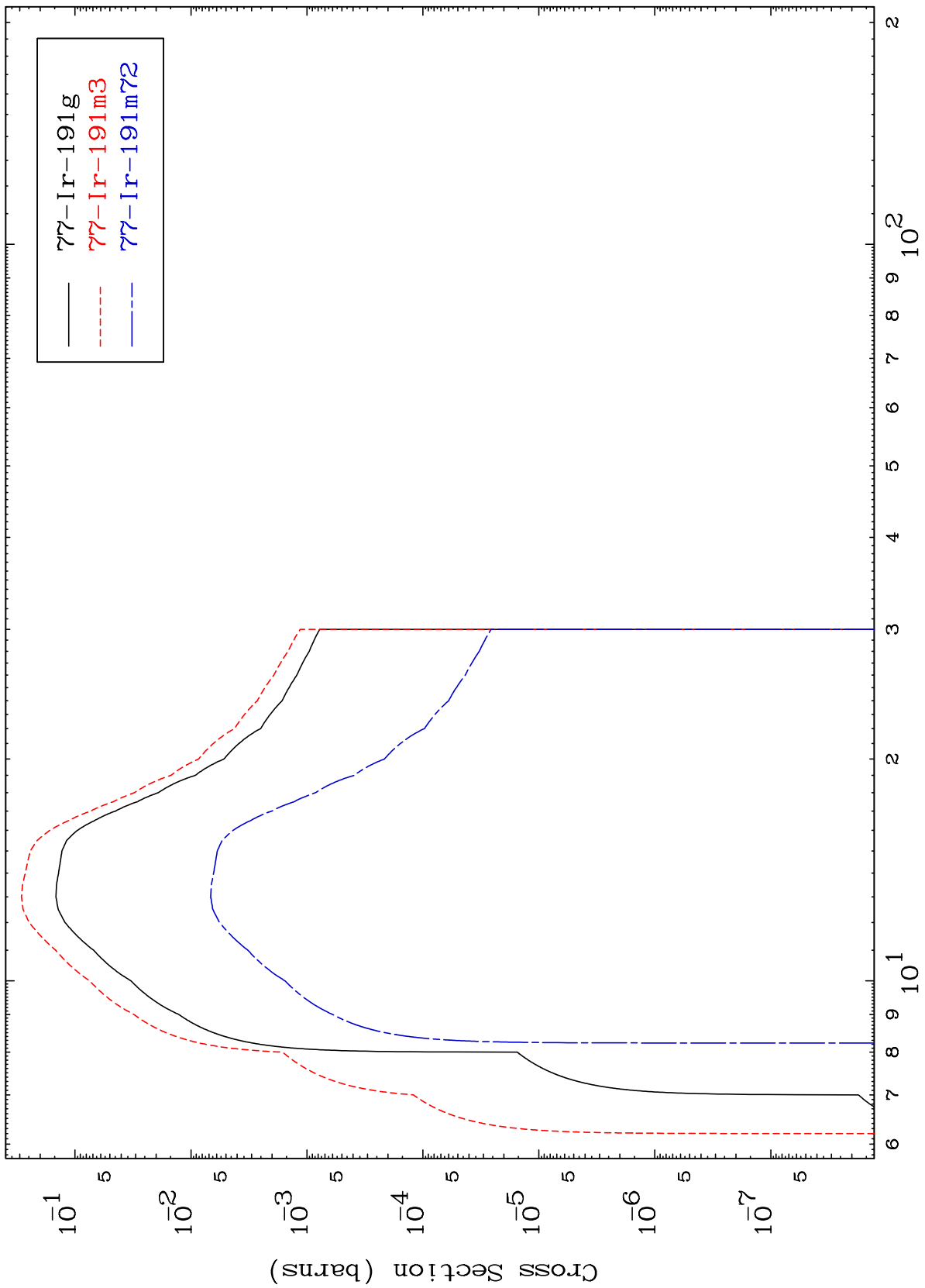
0 Kelvin Cross Sections



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Inelastic
Radionuclide Production Cross Section

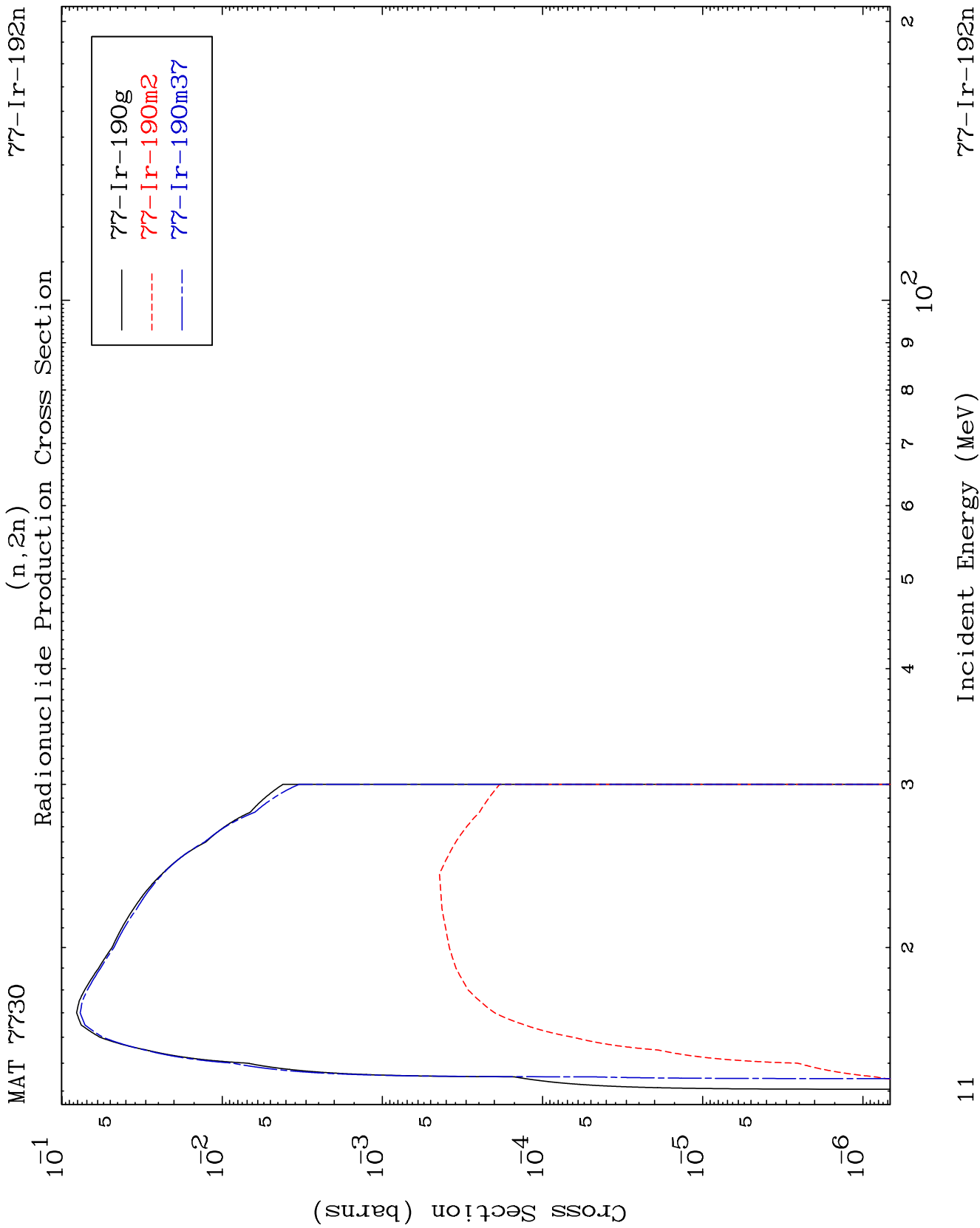
⁷⁷Ir-192n



10

Incident Energy (MeV)

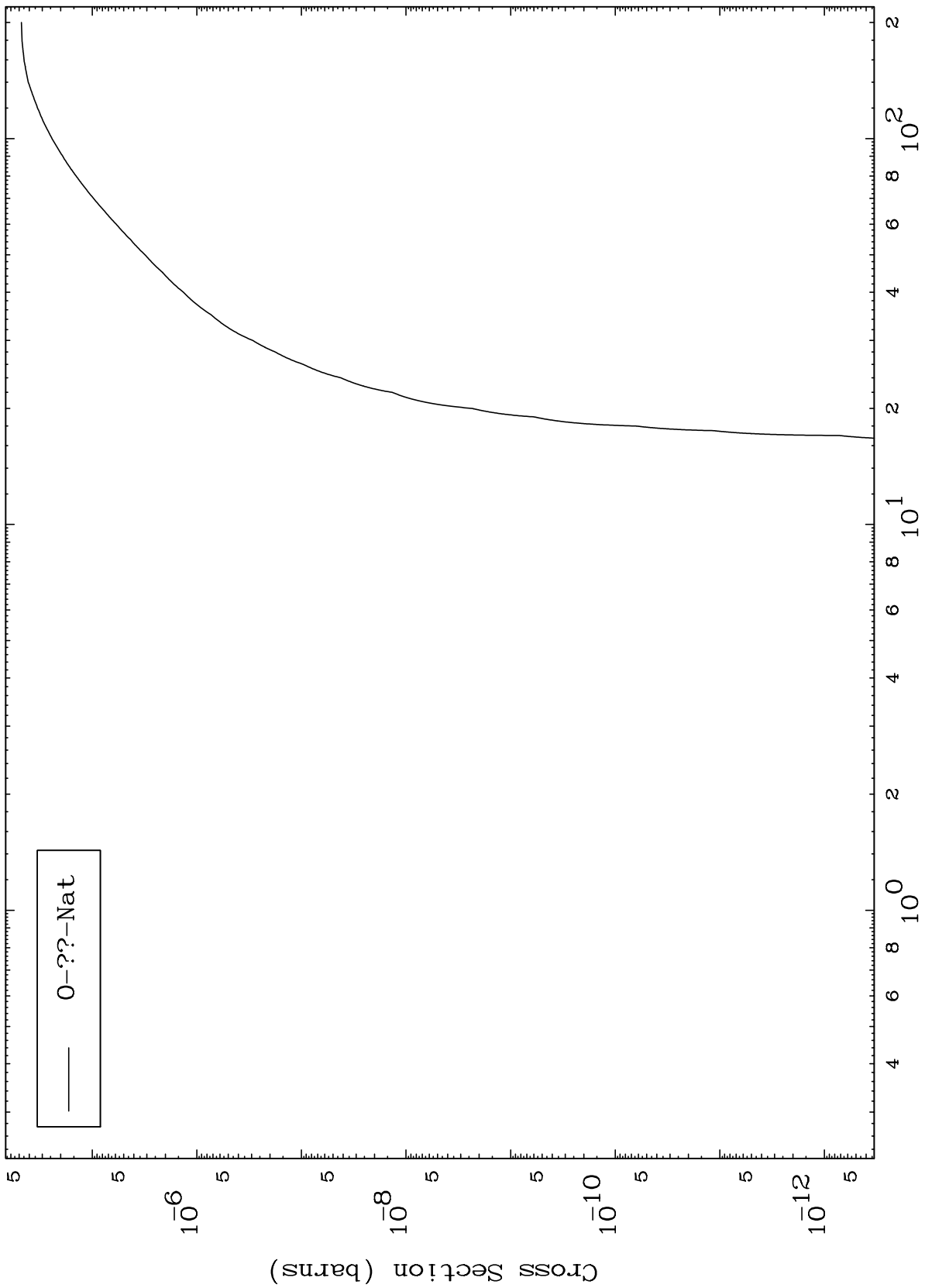
⁷⁷Ir-192n



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Fission
Radionuclide Production Cross Section

⁷⁷Ir-192n



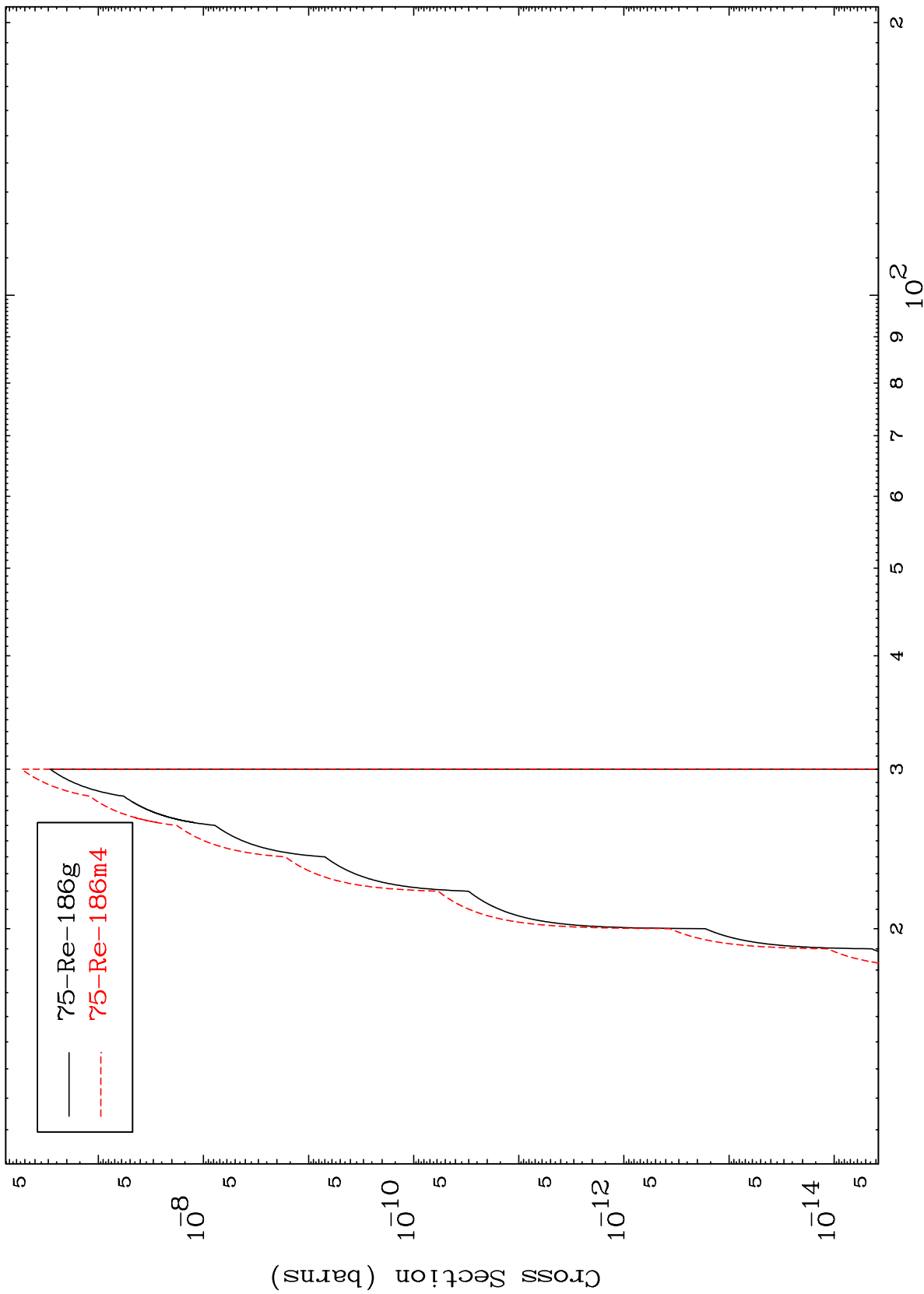
— 0-??-Nat

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(n,2n) α

77-Ir-192n

Radionuclide Production Cross Section



Incident Energy (MeV)

77-Ir-192n

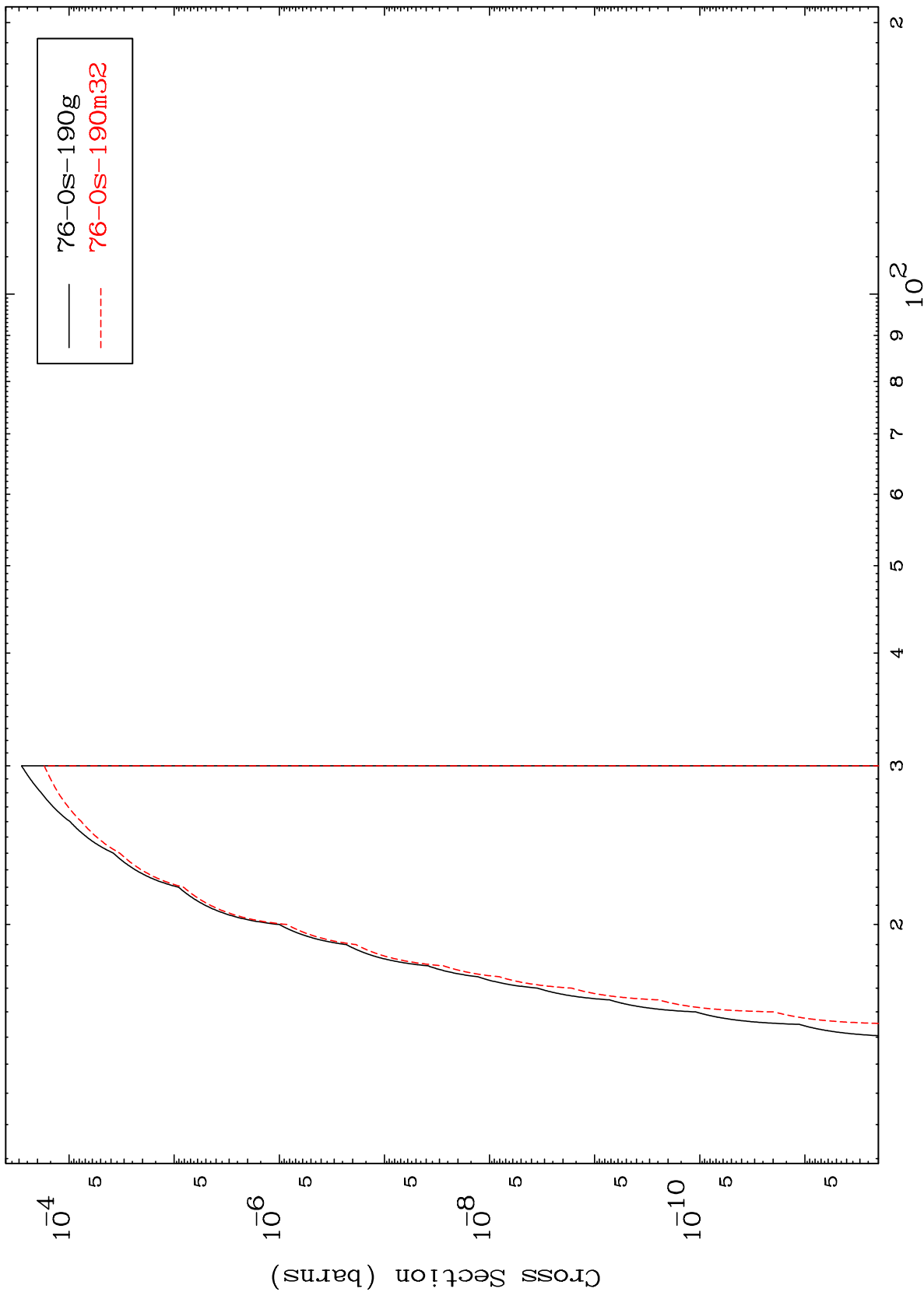
13

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(n,n') p

⁷⁷Ir-192n

Radionuclide Production Cross Section



14

Incident Energy (MeV)

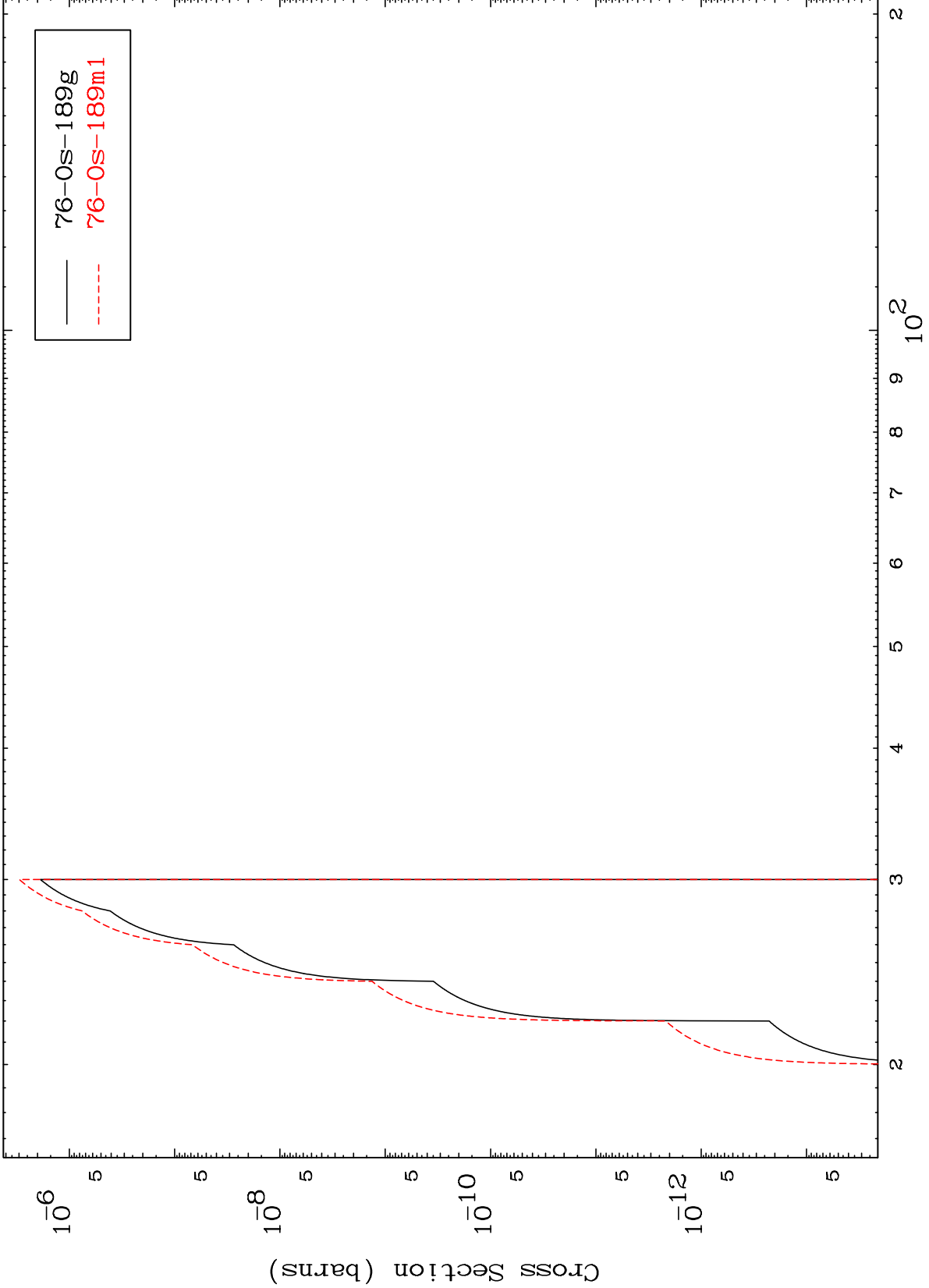
⁷⁷Ir-192n

MAT 7730

(n,n') d

⁷⁷Ir-192n

Radionuclide Production Cross Section



15

Incident Energy (MeV)

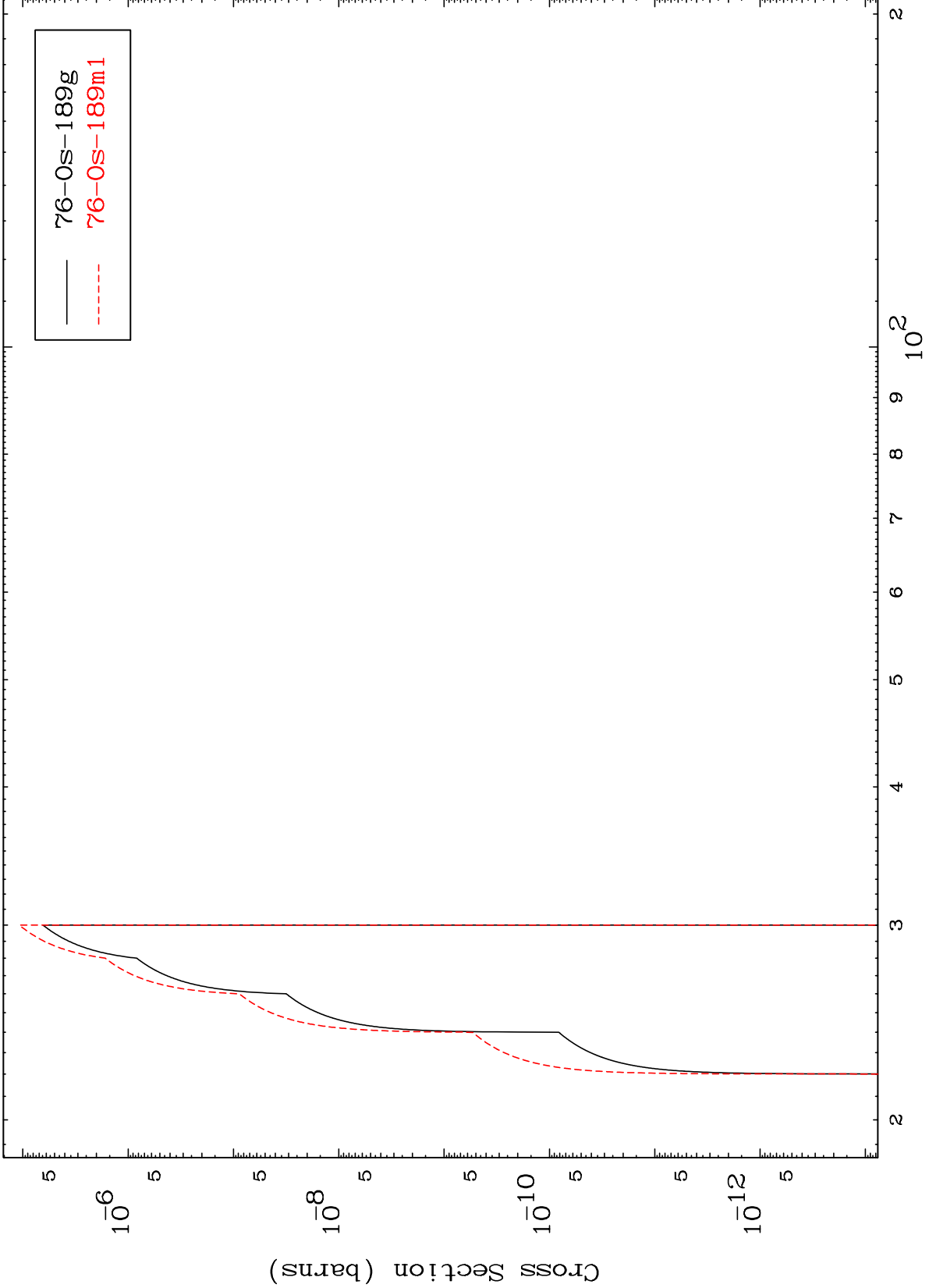
⁷⁷Ir-192n

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(n,2n) p

⁷⁷Ir-192n

Radionuclide Production Cross Section



16

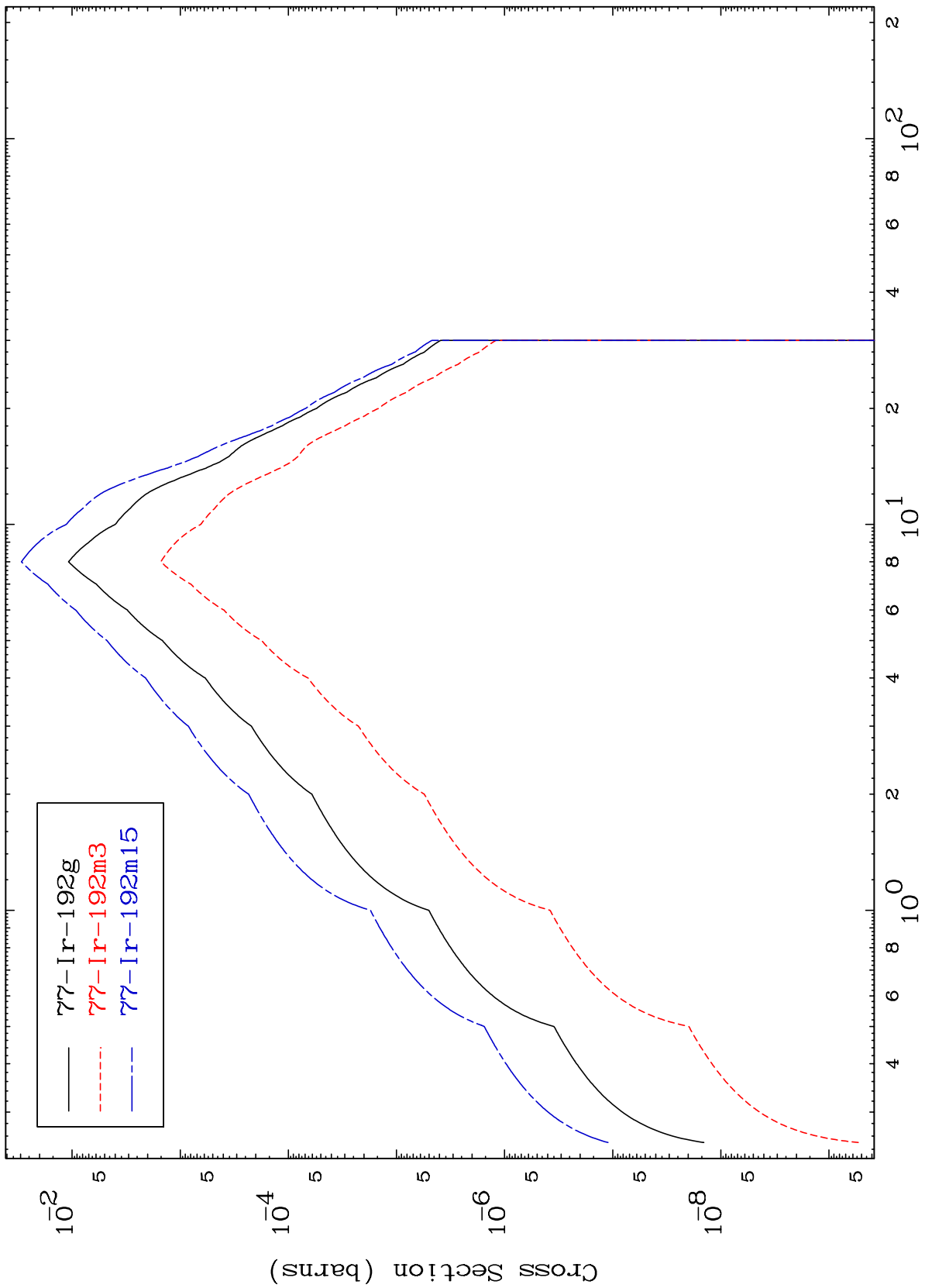
Incident Energy (MeV)

⁷⁷Ir-192n

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Radionuclide Production Cross Section
(n, γ)

$^{77}\text{Ir-192n}$

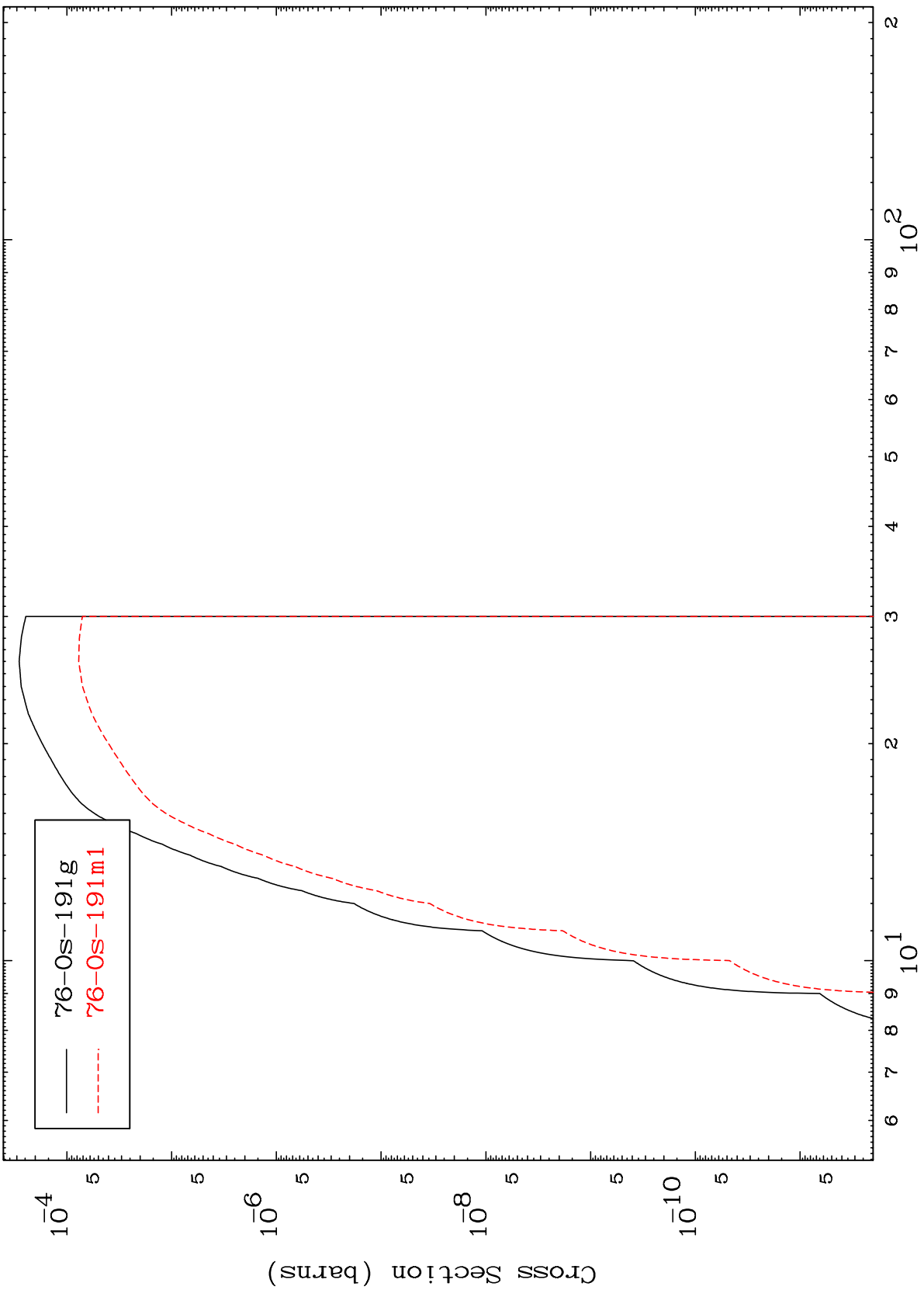


Legend:
— $^{77}\text{Ir-192g}$
- - - $^{77}\text{Ir-192m3}$
- · - $^{77}\text{Ir-192m15}$

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77-Ir-192n

Radionuclide Production Cross Section (n,p)



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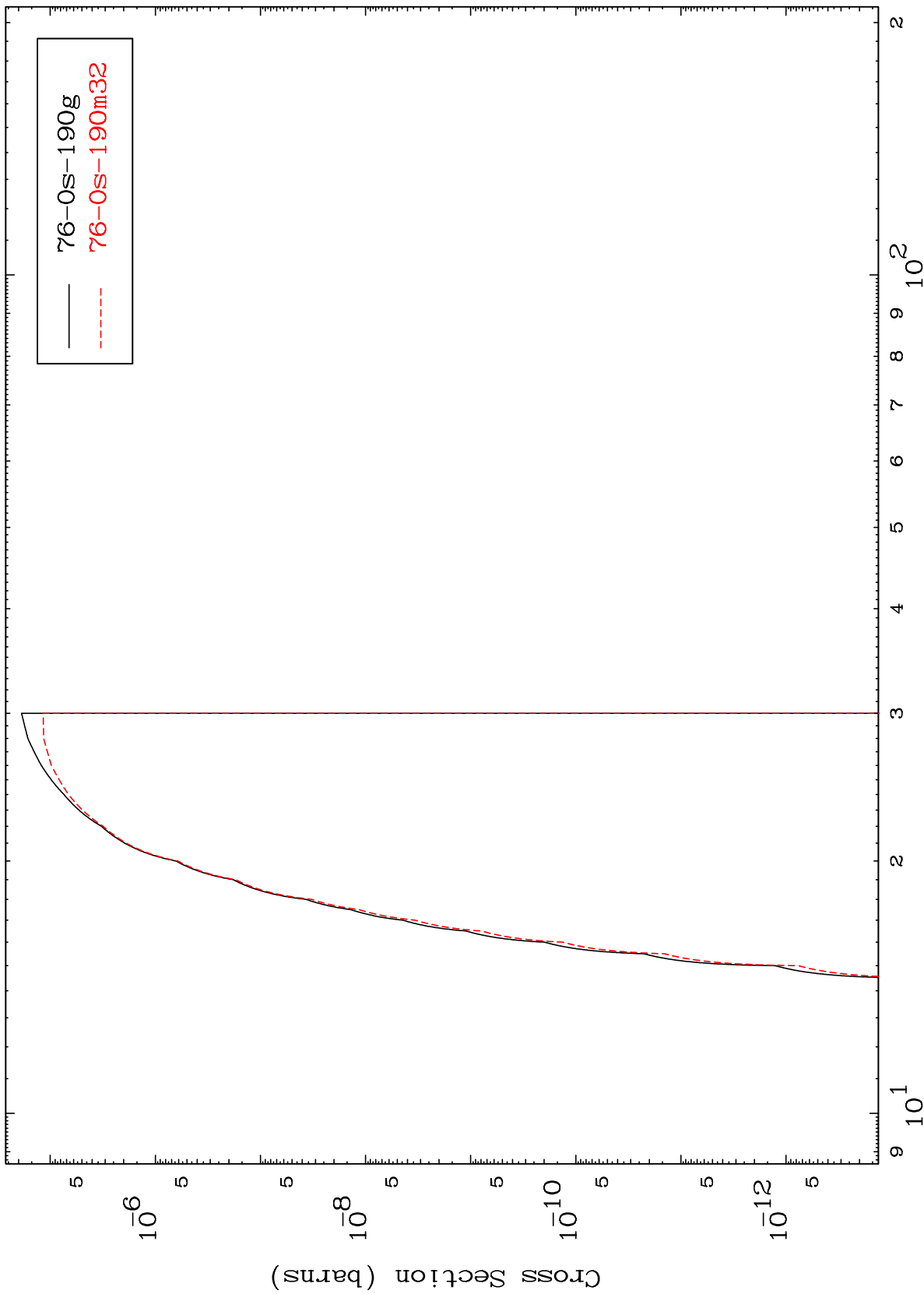
Incident Energy (MeV)

77-Ir-192n

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⁷⁷Ir-192n

(n,d)
Radionuclide Production Cross Section

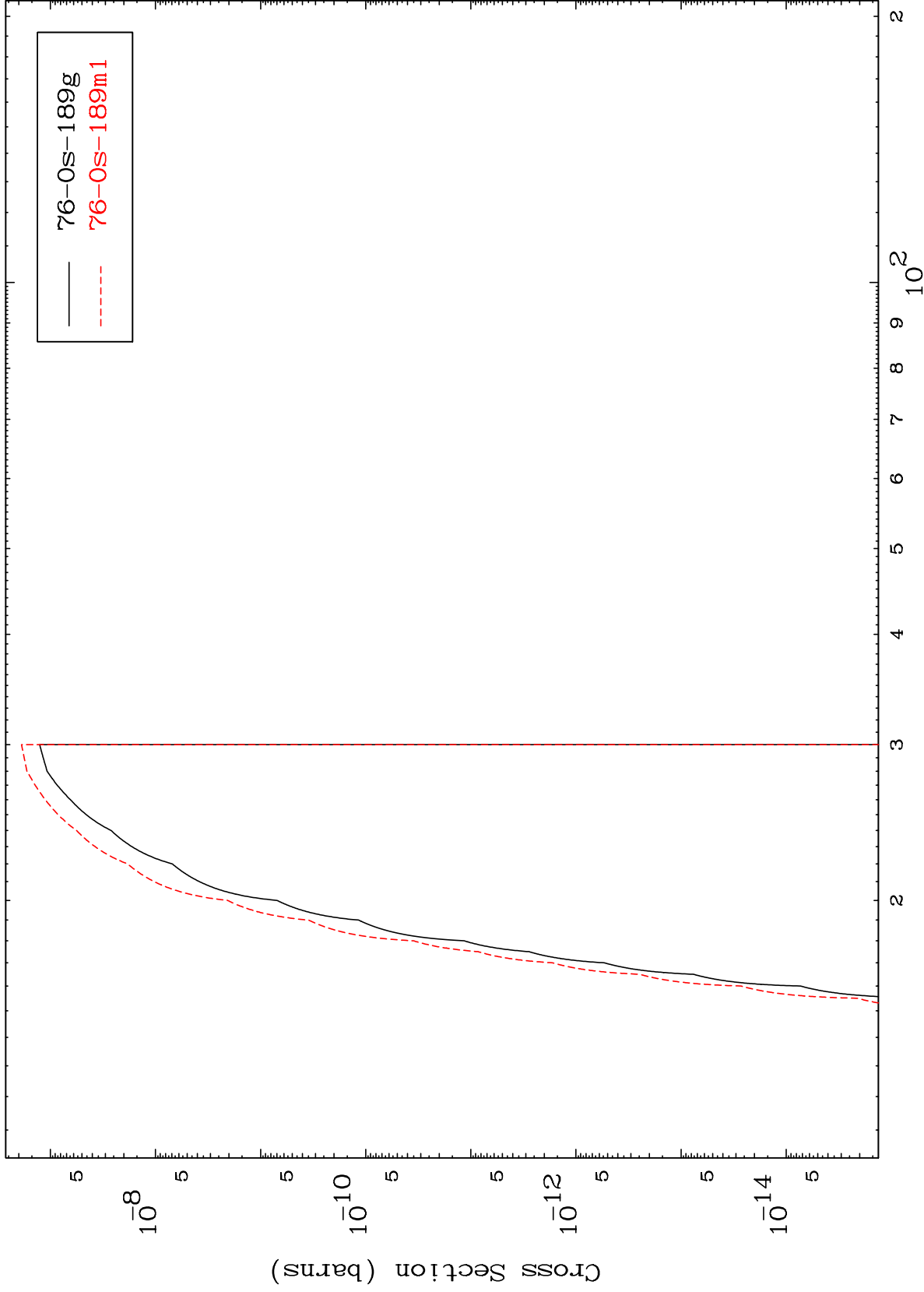


⁷⁷Ir-192n

Incident Energy (MeV)

19

(n, t)
Radionuclide Production Cross Section

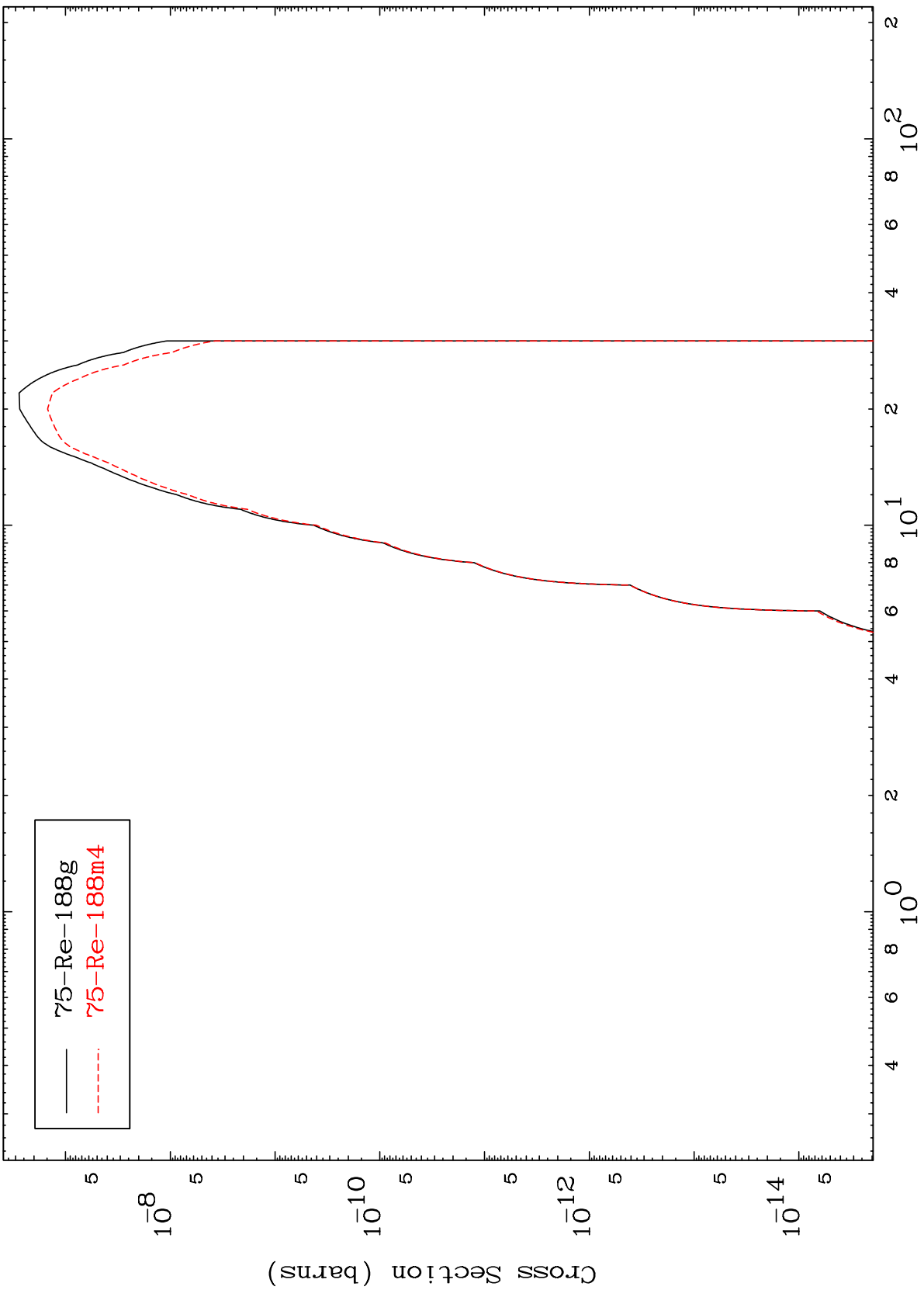


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(n, α)

⁷⁷Ir-192n

Radionuclide Production Cross Section



— 75-Re-188g
- - - 75-Re-188m4