

Program EVALPLOT
(Version 2021-1)

by

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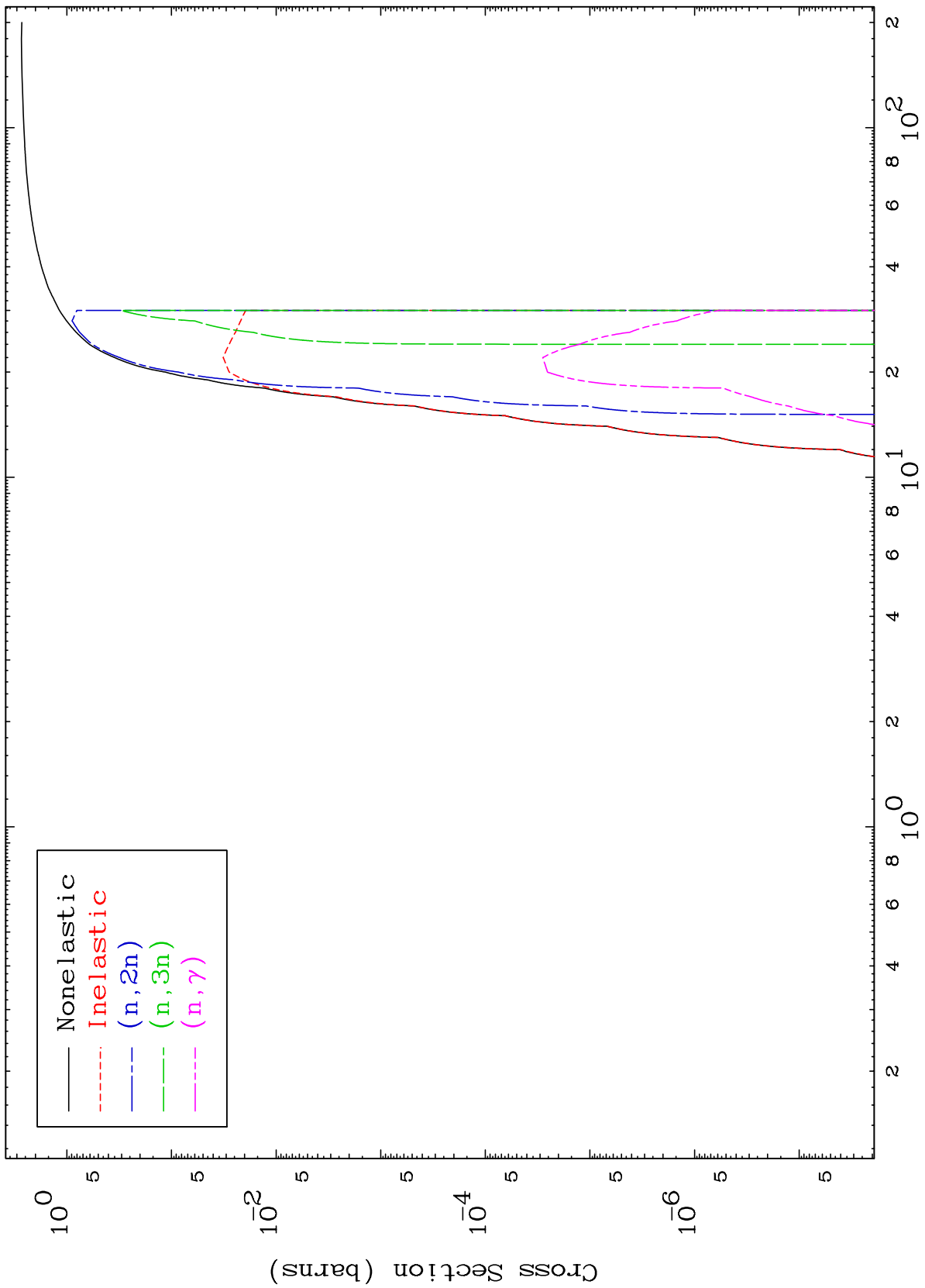
Press Mouse Button to Start

MAT 7727

0 Kelvin

α Major Cross Sections

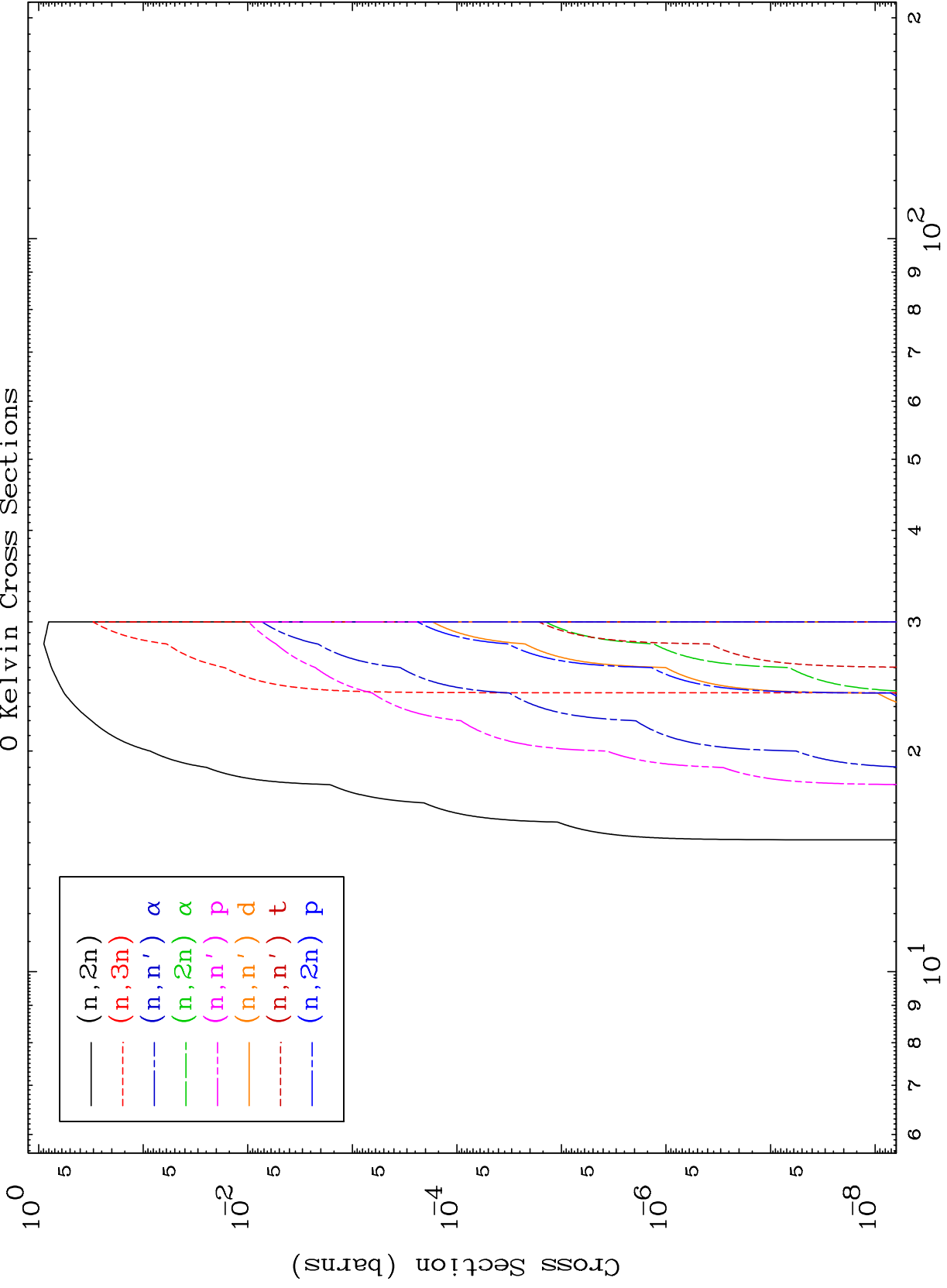
⁷⁷Ir-191n



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α Neutron Absorption
0 Kelvin Cross Sections

77-Ir-191n



2

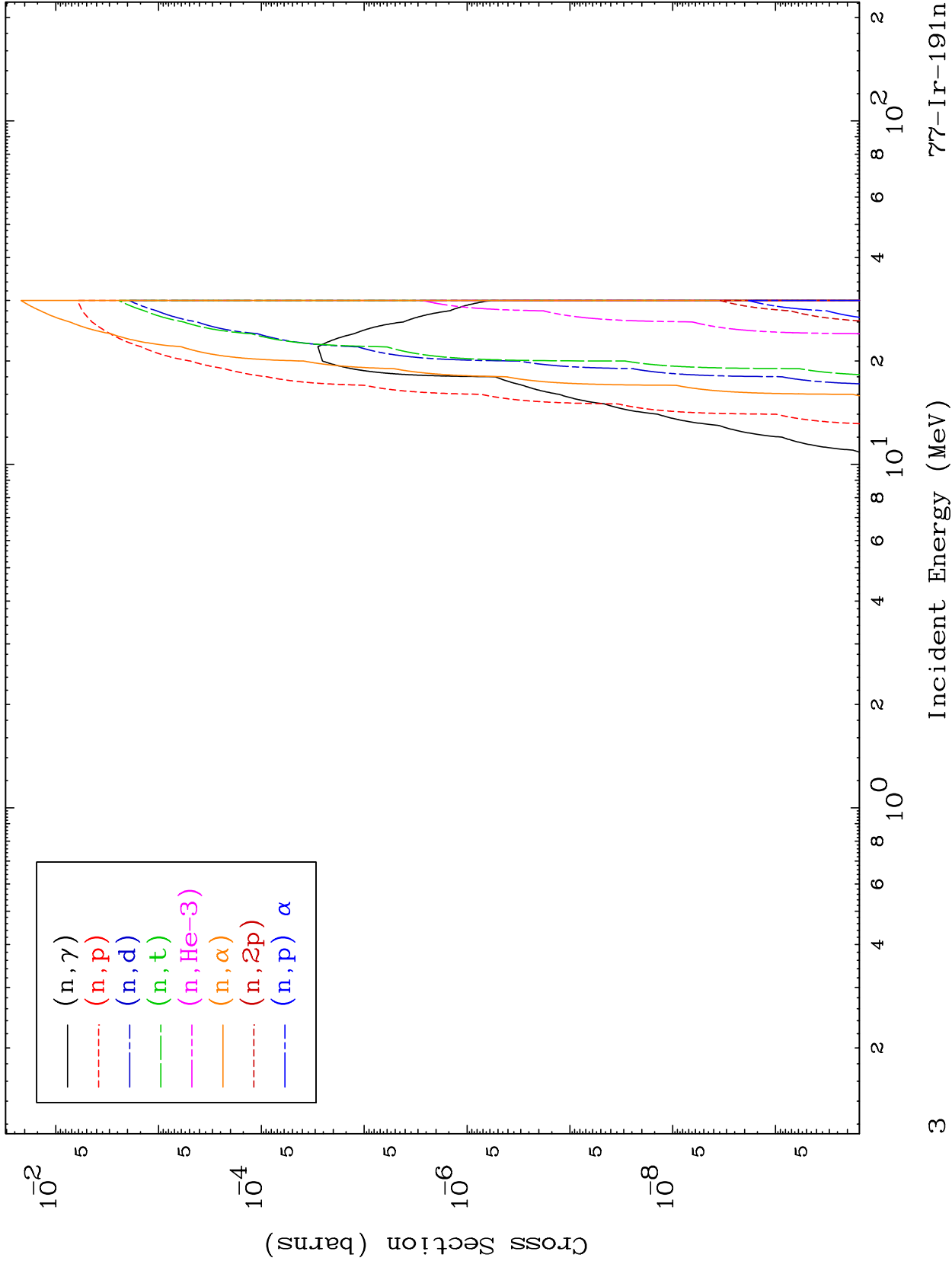
Incident Energy (MeV)

77-Ir-191n

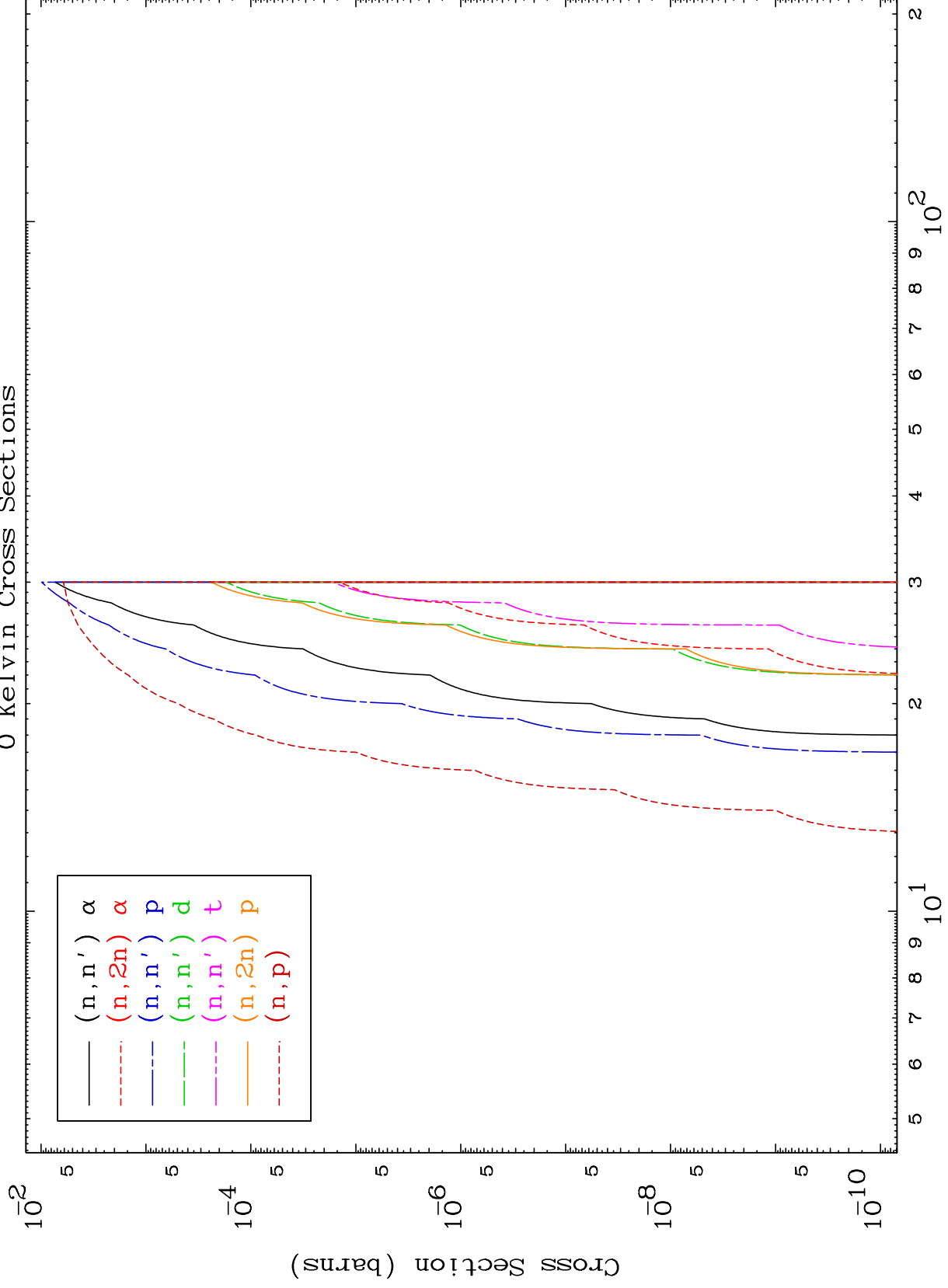
MAT 7727

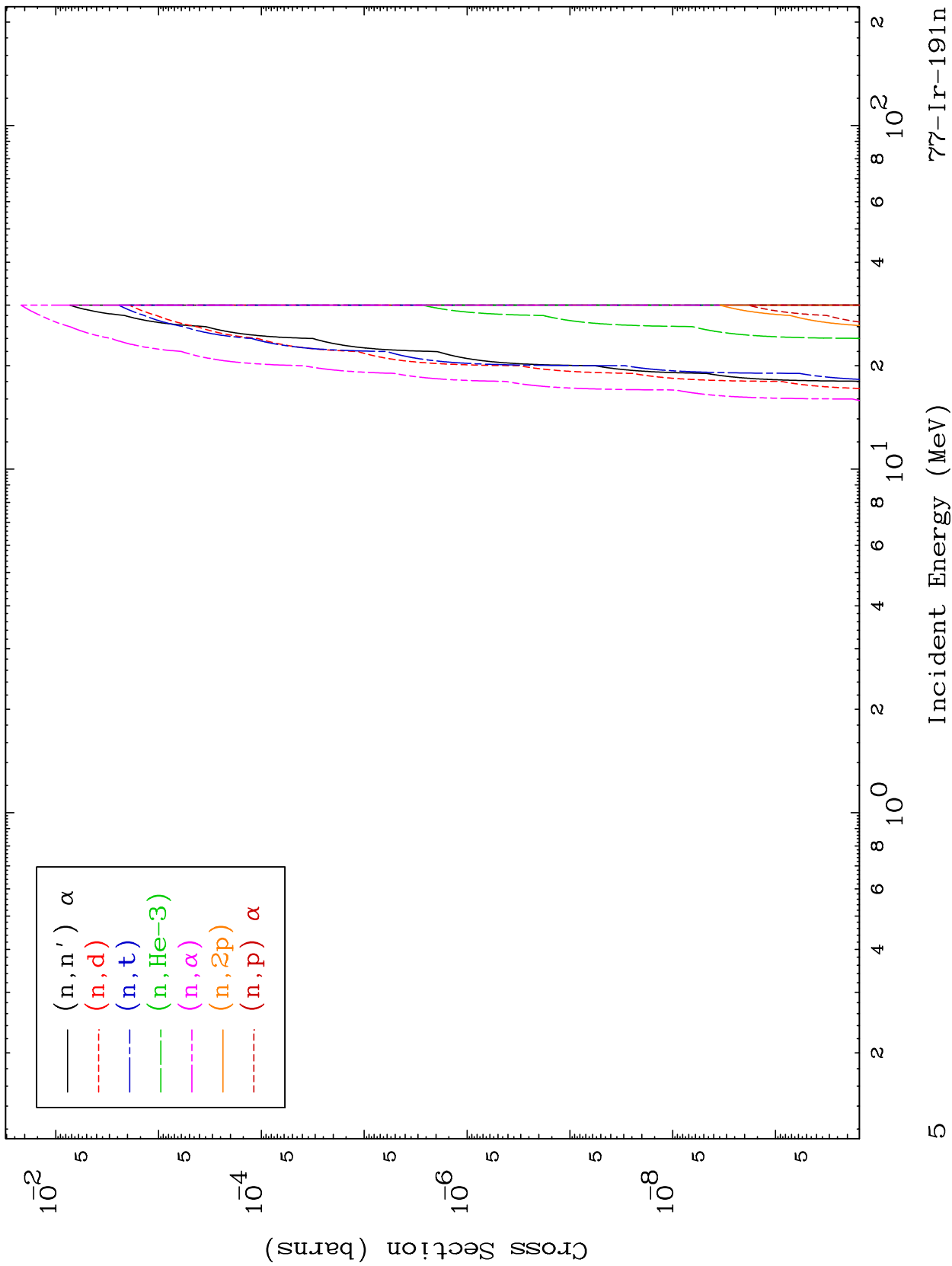
α Neutron Absorption
0 Kelvin Cross Sections

⁷⁷Ir-191n



⁷⁷Ir-191n

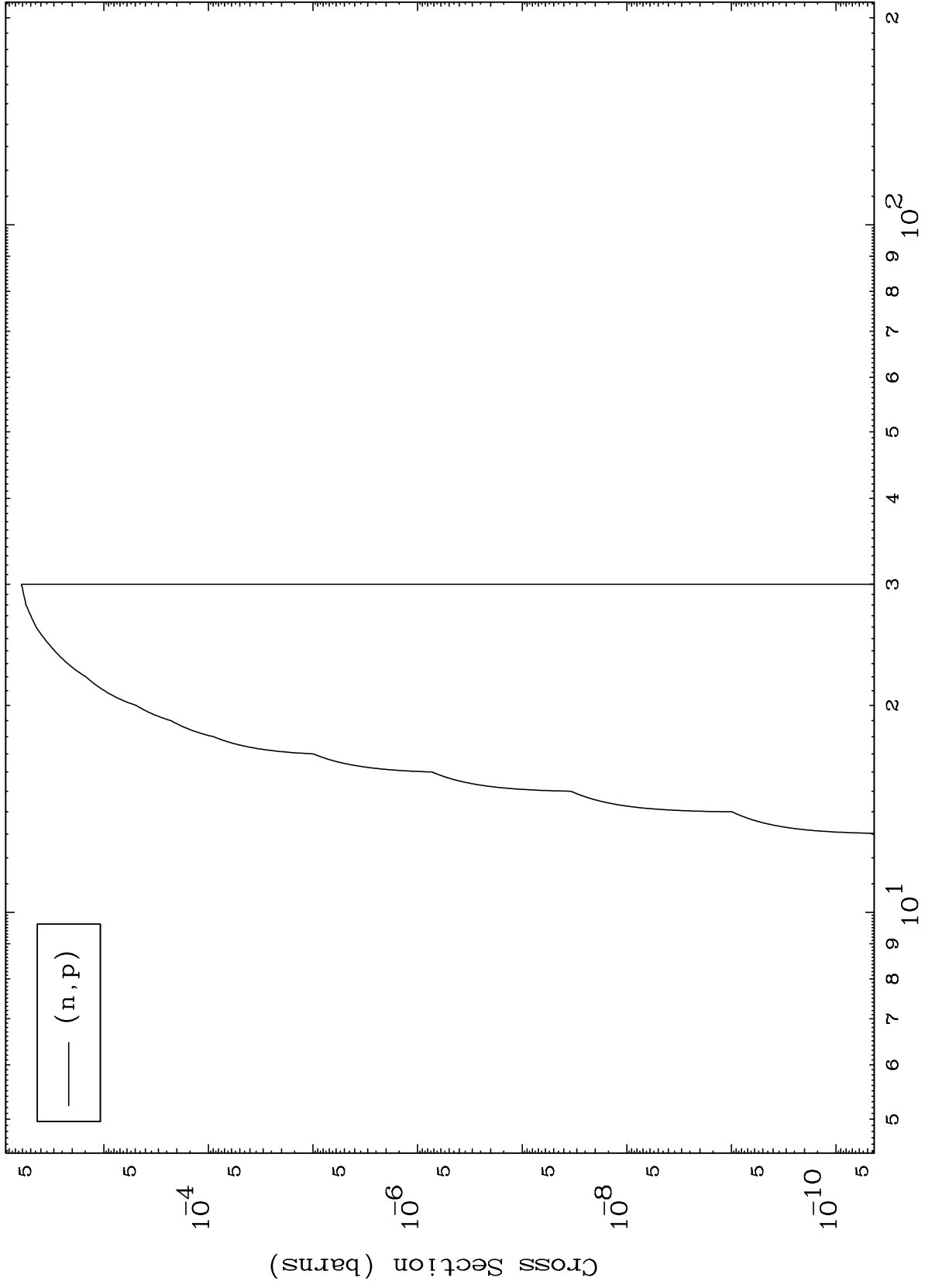




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(α, p) Levels
0 Kelvin Cross Sections

$^{77}\text{Ir-191n}$



6

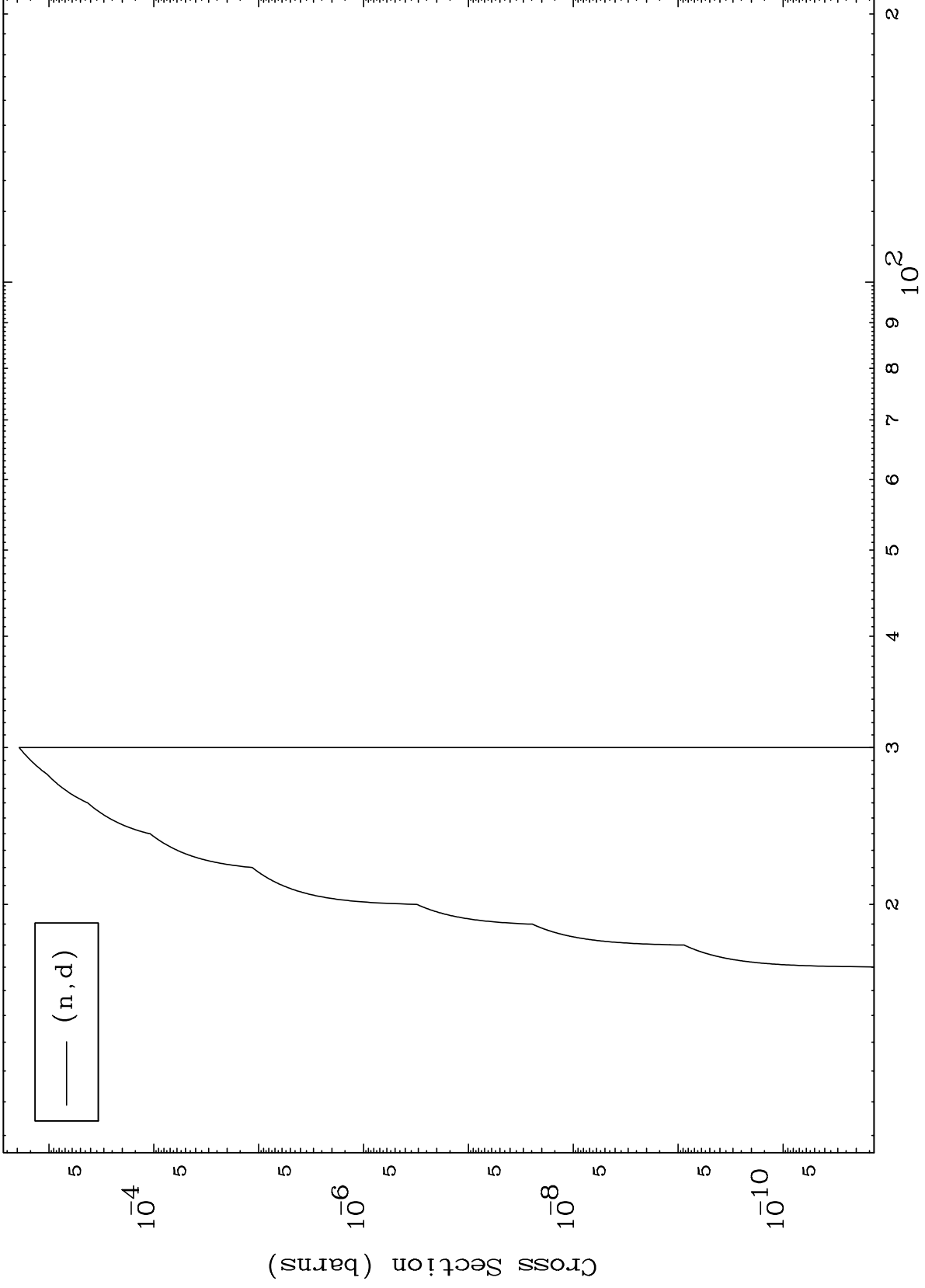
$^{77}\text{Ir-191n}$

$^{77}\text{Ir-191n}$

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(α, d) Levels
0 Kelvin Cross Sections

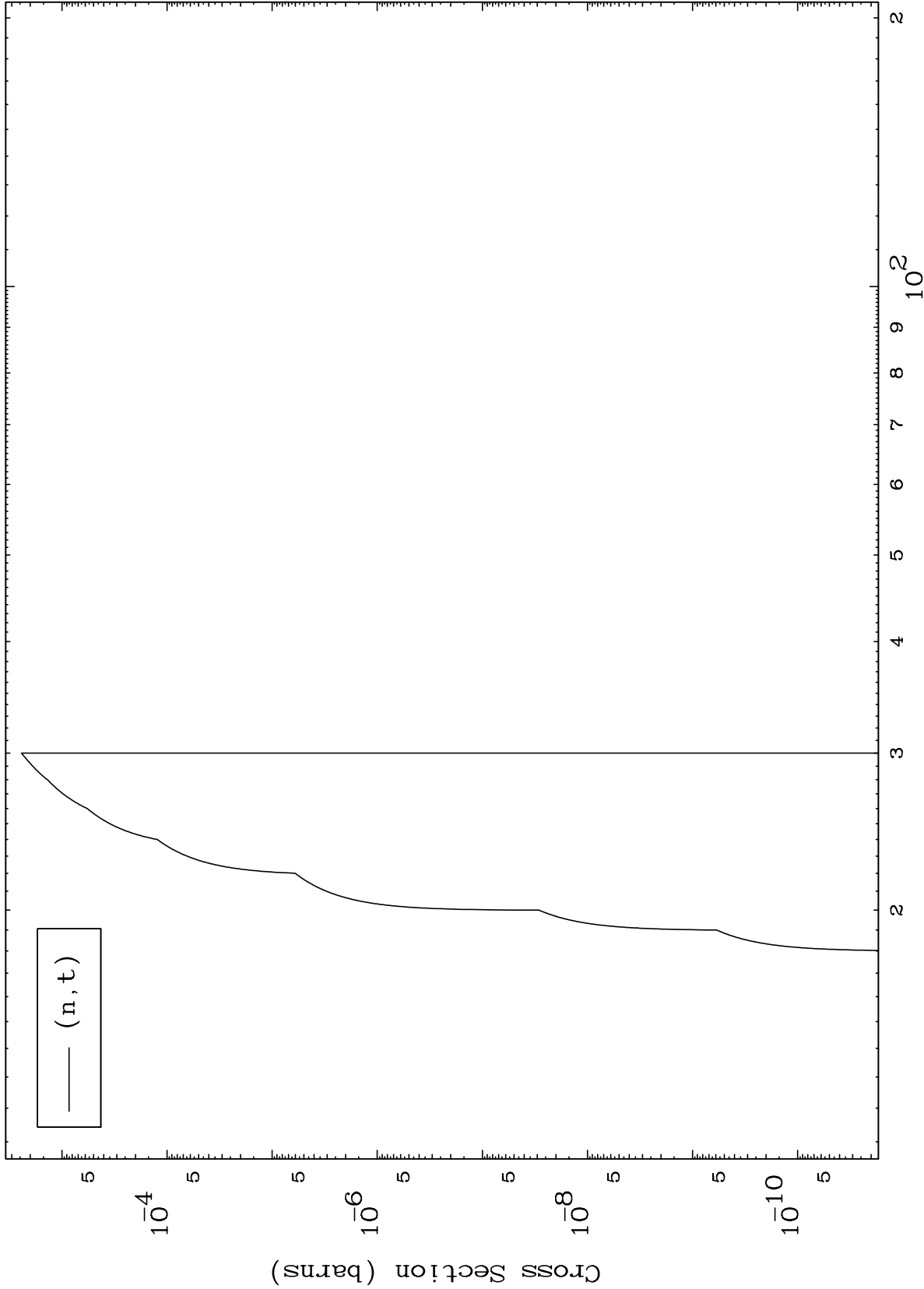
$^{77}\text{Ir}-191\text{n}$

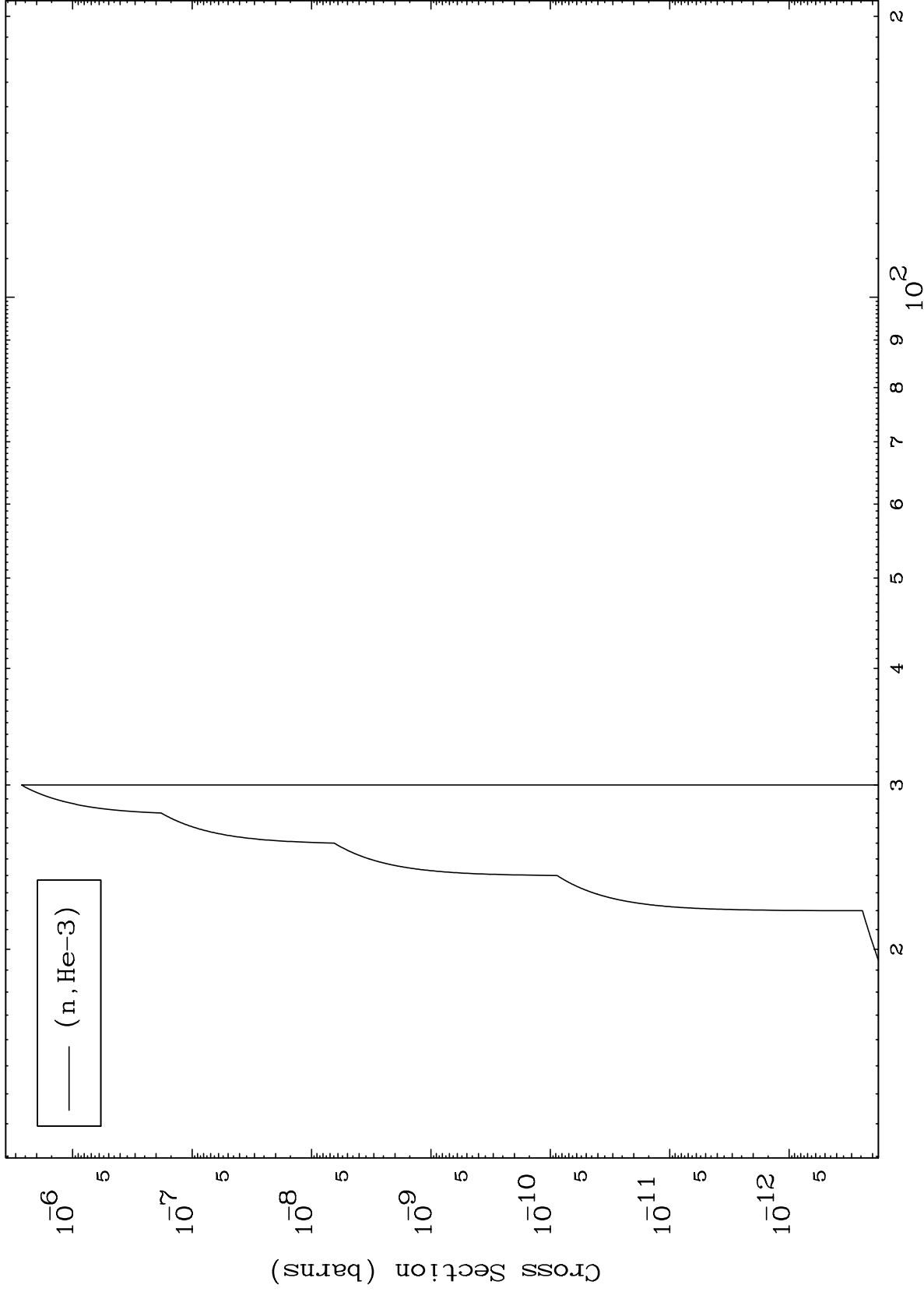


7

Incident Energy (MeV)

$^{77}\text{Ir}-191\text{n}$



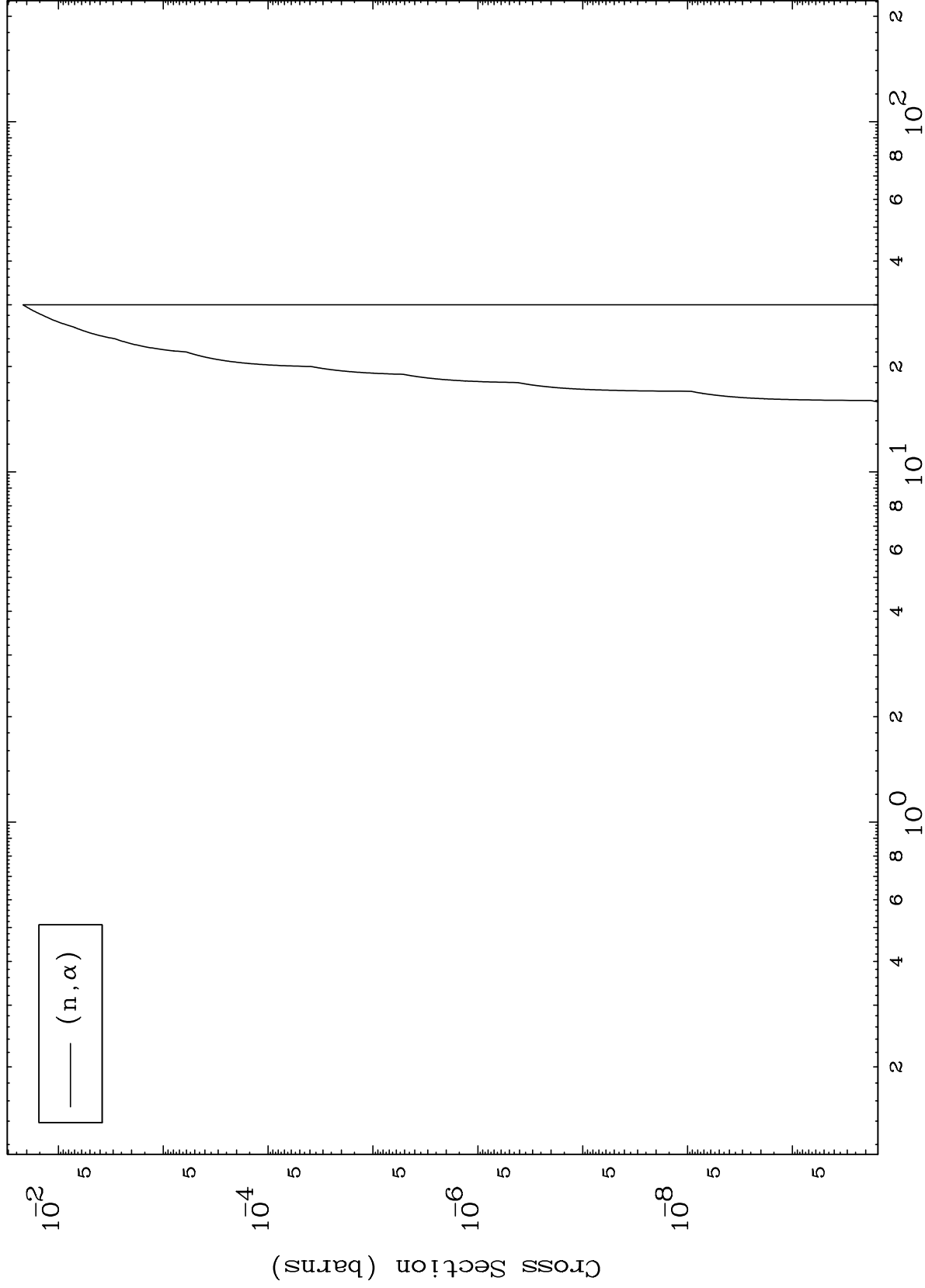


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(α, α) Levels

⁷⁷Ir-191n

0 Kelvin Cross Sections



10

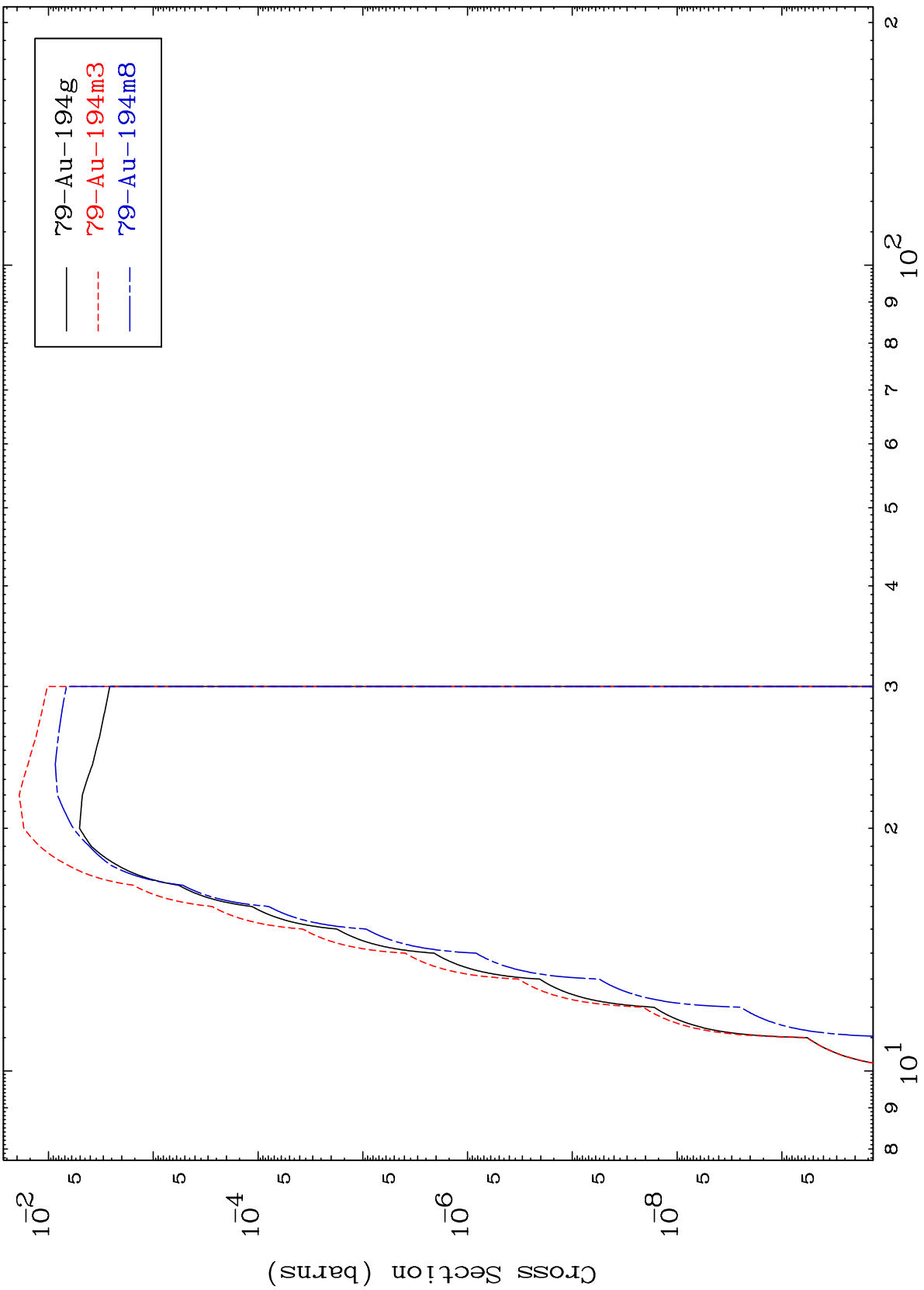
Incident Energy (MeV)

⁷⁷Ir-191n

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77-Ir-191n

Inelastic
Radionuclide Production Cross Section



11

Incident Energy (MeV)

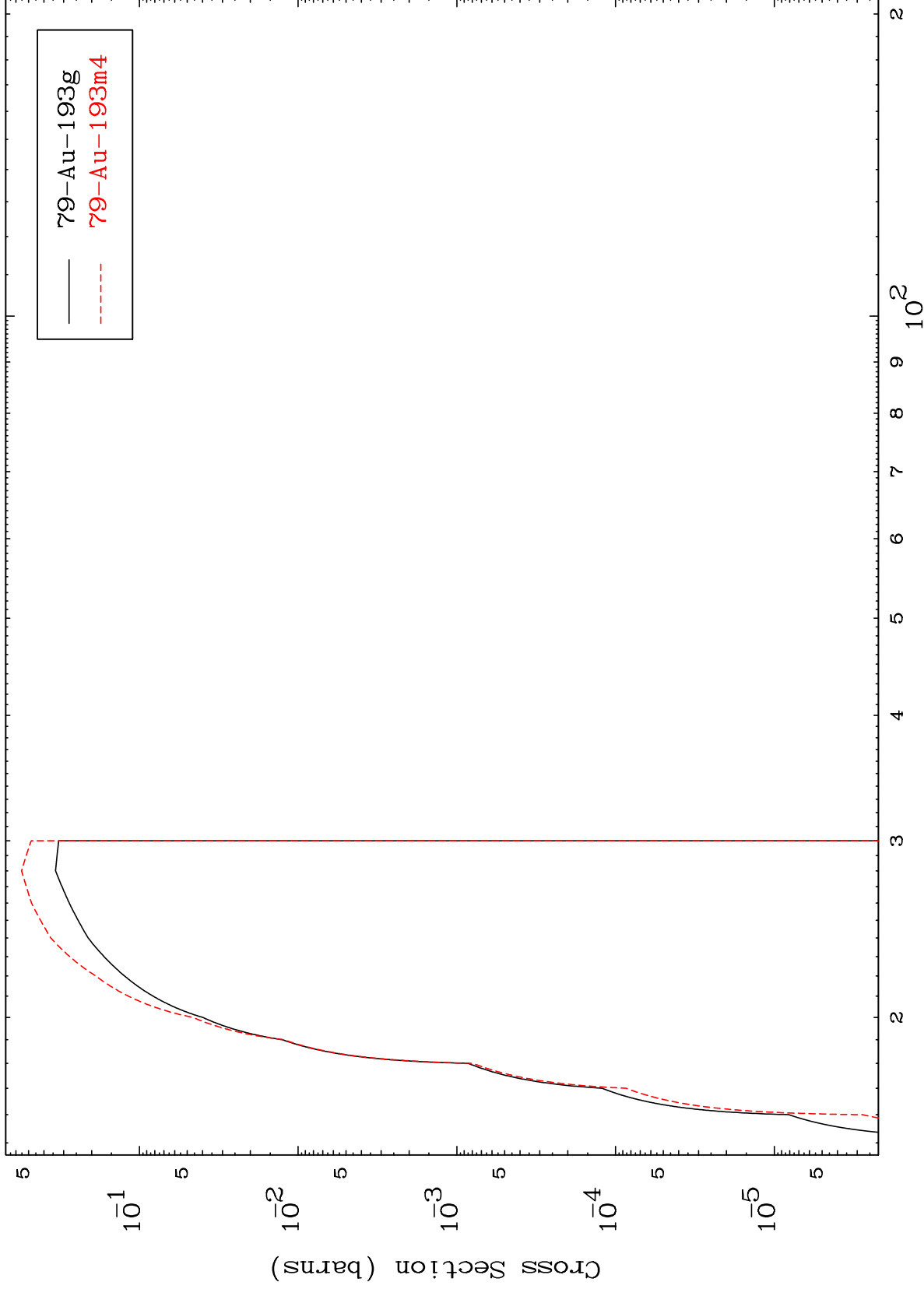
77-Ir-191n

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(n,2n)

⁷⁷Ir-191n

Radionuclide Production Cross Section



12

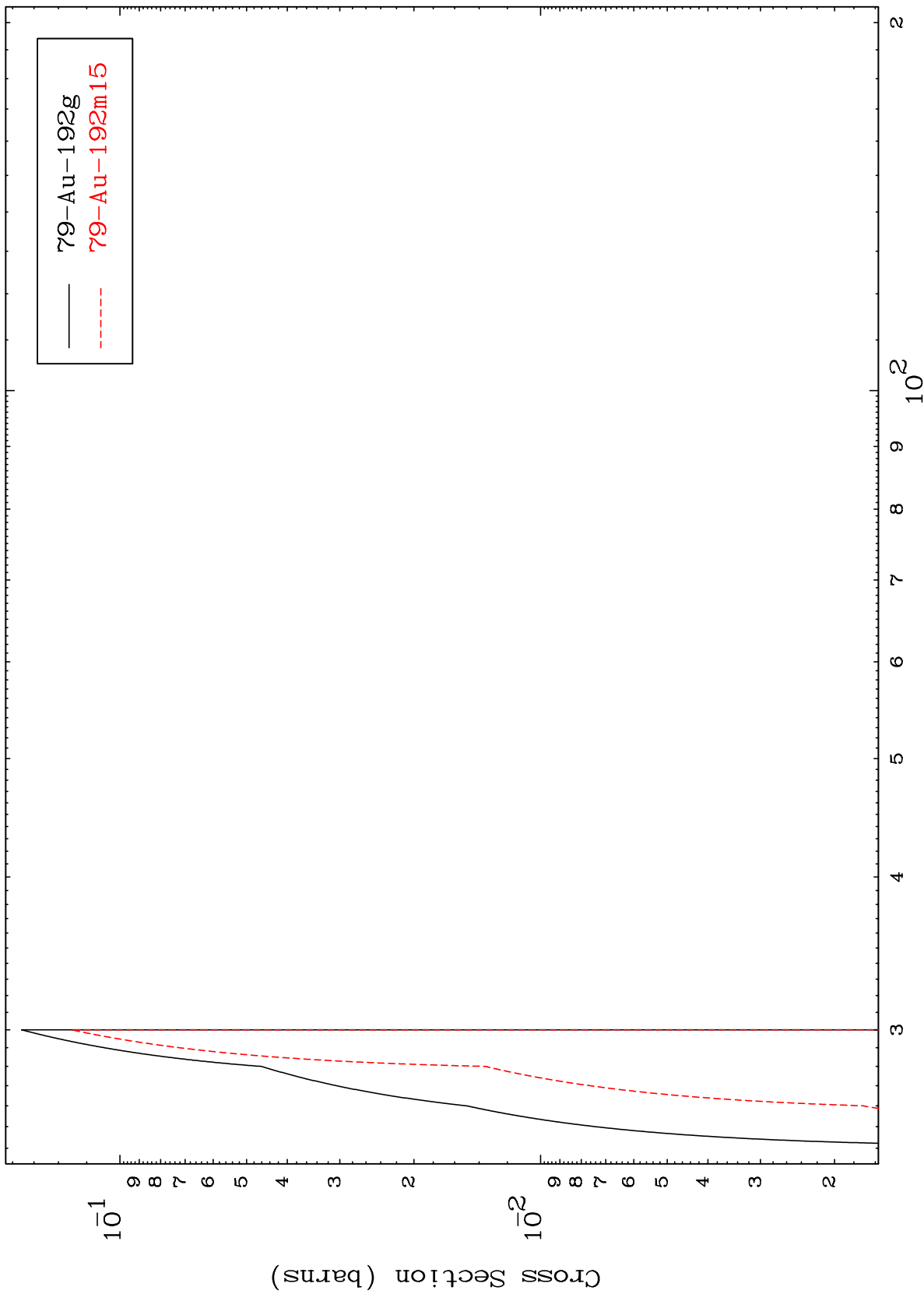
Incident Energy (MeV)

⁷⁷Ir-191n

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⁷⁷Ir-191n

(n,3n)
Radionuclide Production Cross Section



⁷⁷Ir-191n

Incident Energy (MeV)

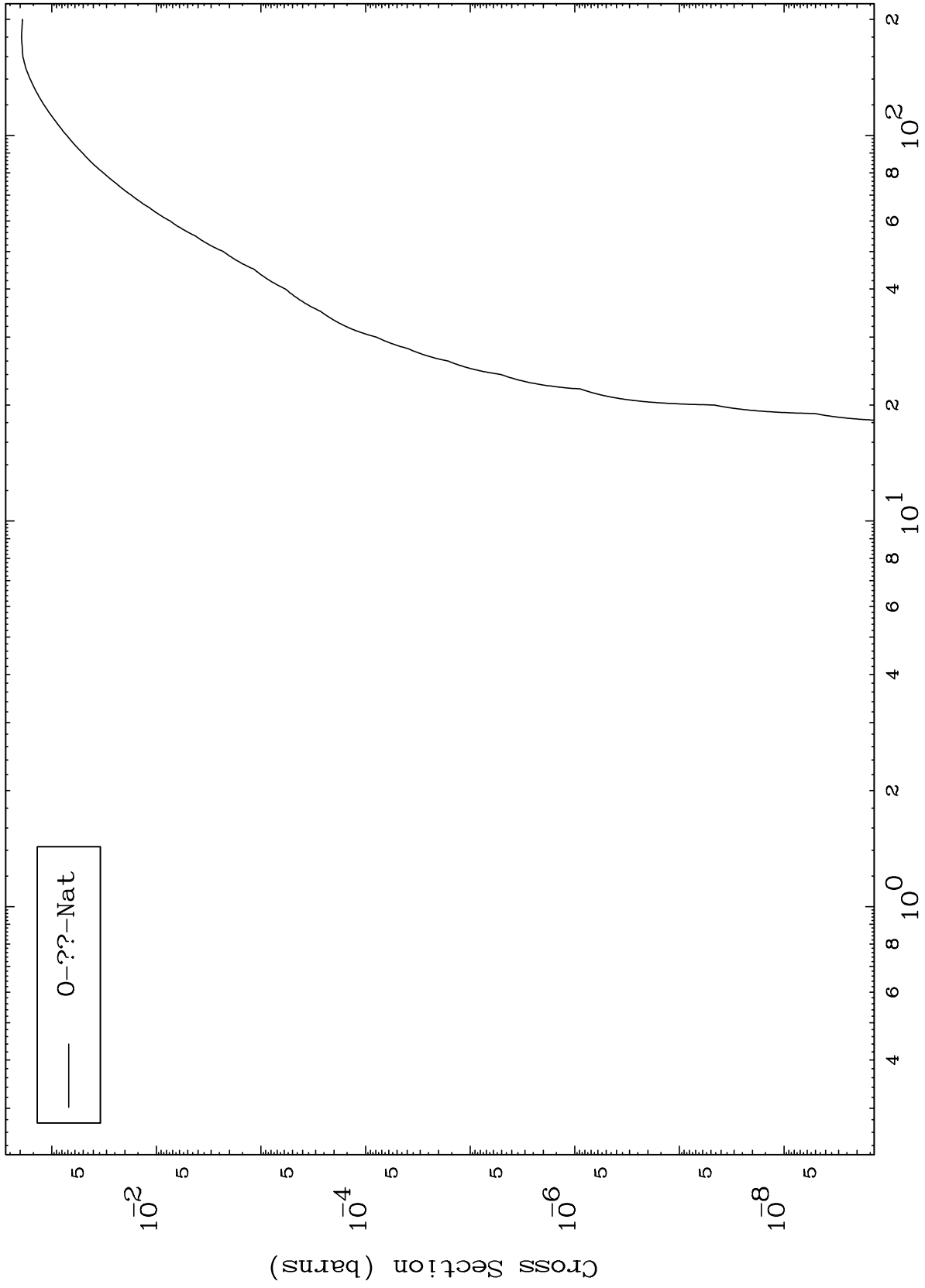
13

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Fission

⁷⁷Ir-191n

Radionuclide Production Cross Section

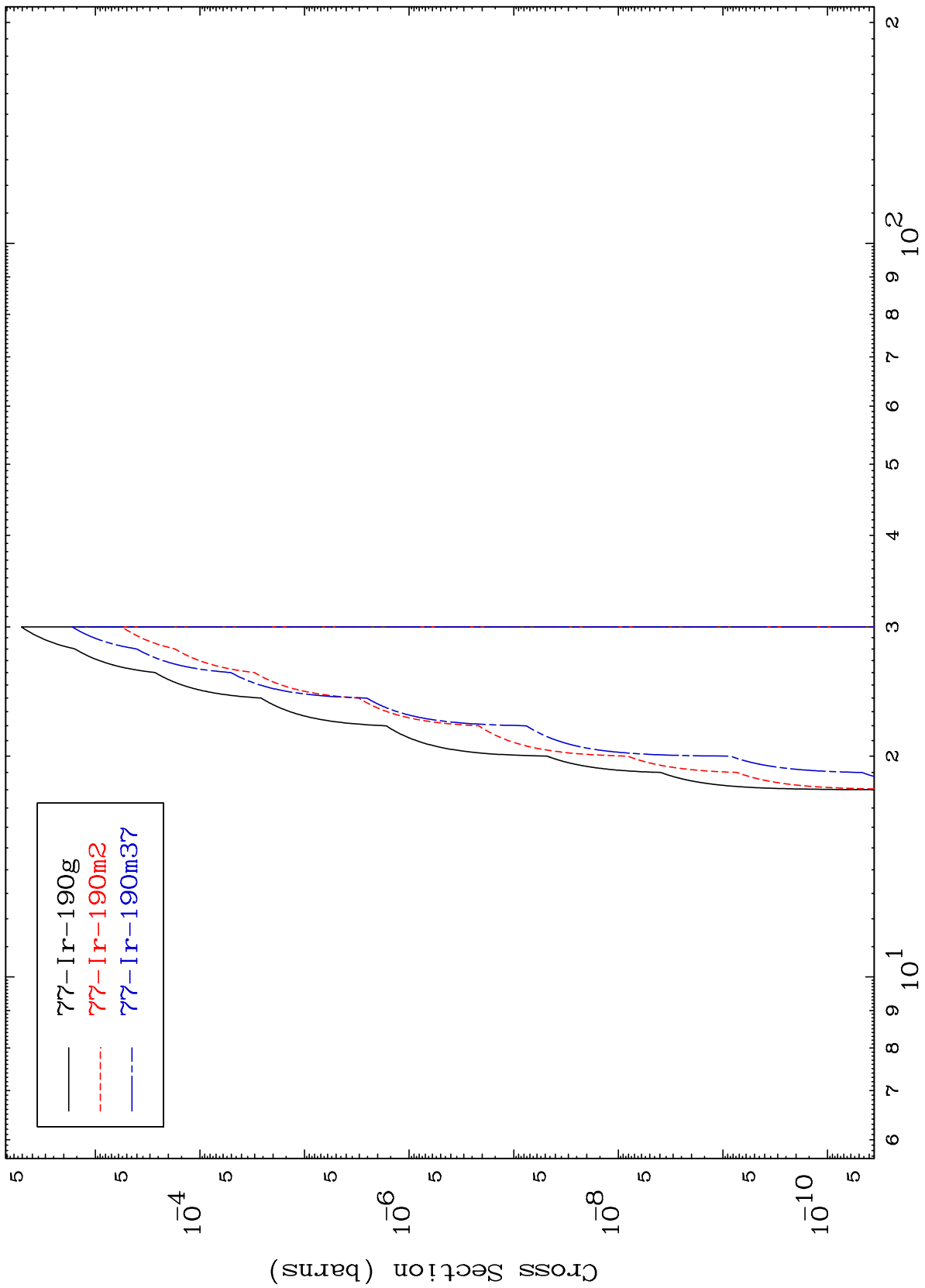


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(n,n') α

⁷⁷Ir-191n

Radionuclide Production Cross Section



15

Incident Energy (MeV)

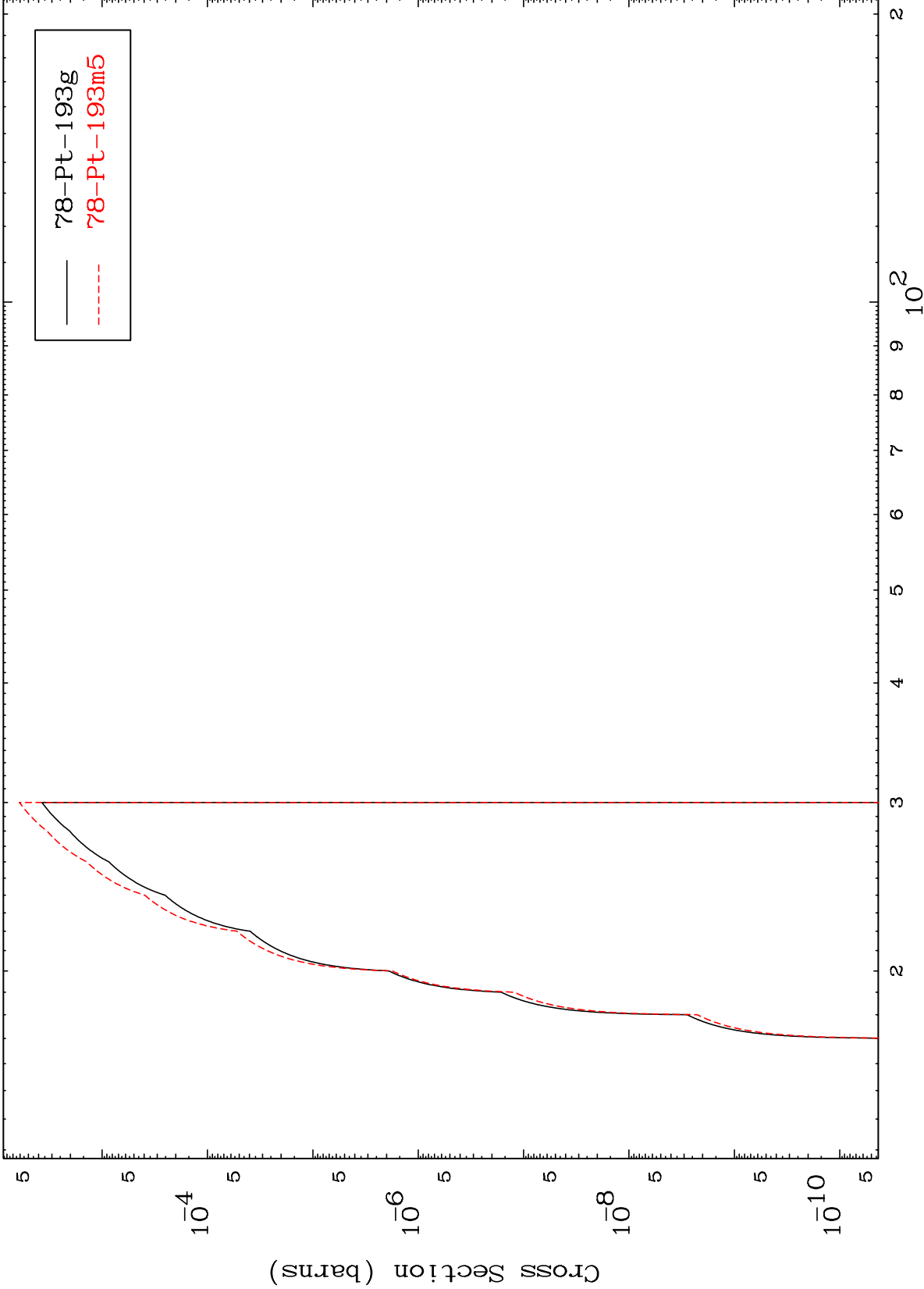
⁷⁷Ir-191n

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(n,n') p

⁷⁷Ir-191n

Radionuclide Production Cross Section

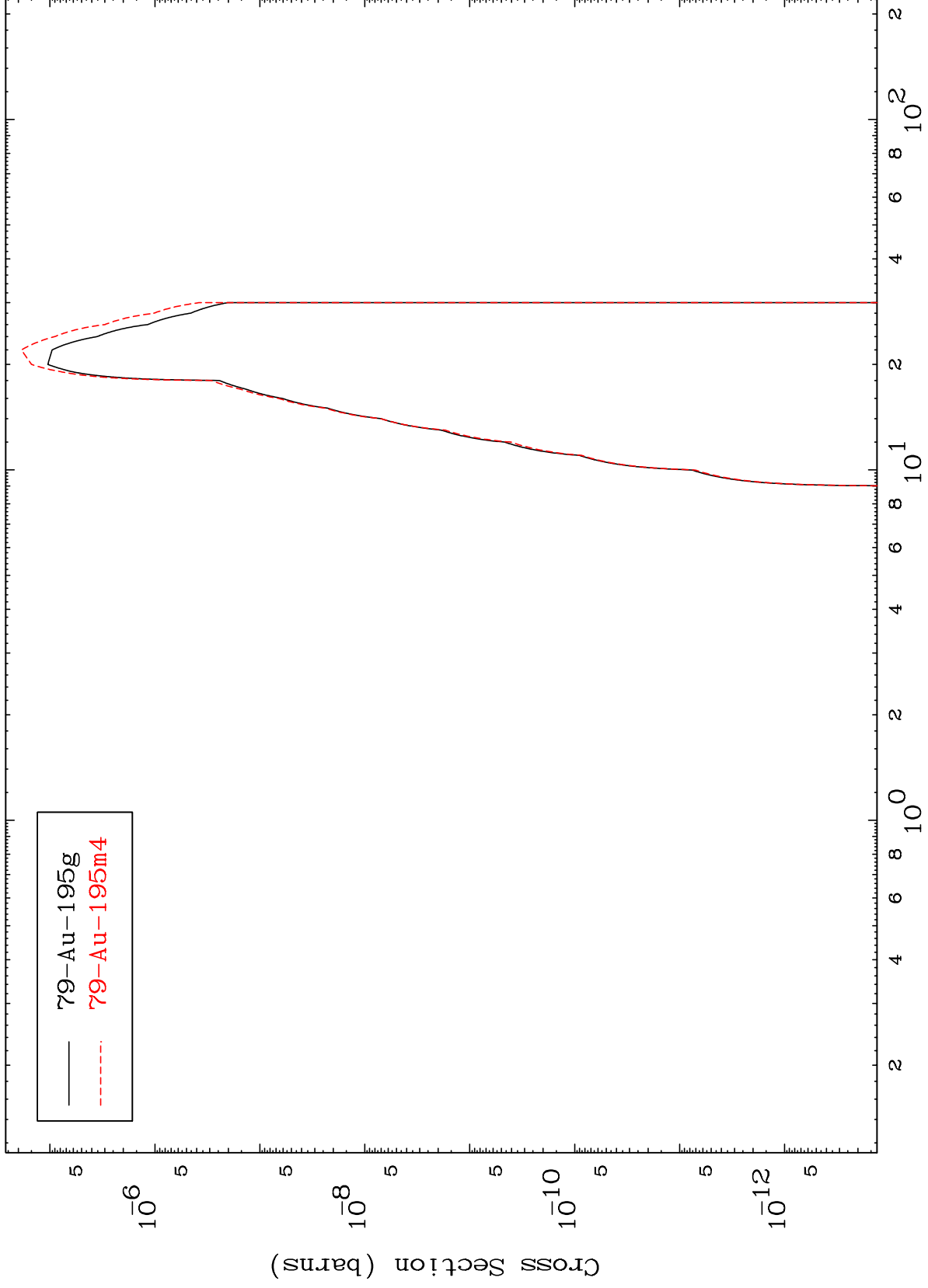


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(n, γ)

⁷⁷Ir-191n

Radionuclide Production Cross Section



17

Incident Energy (MeV)

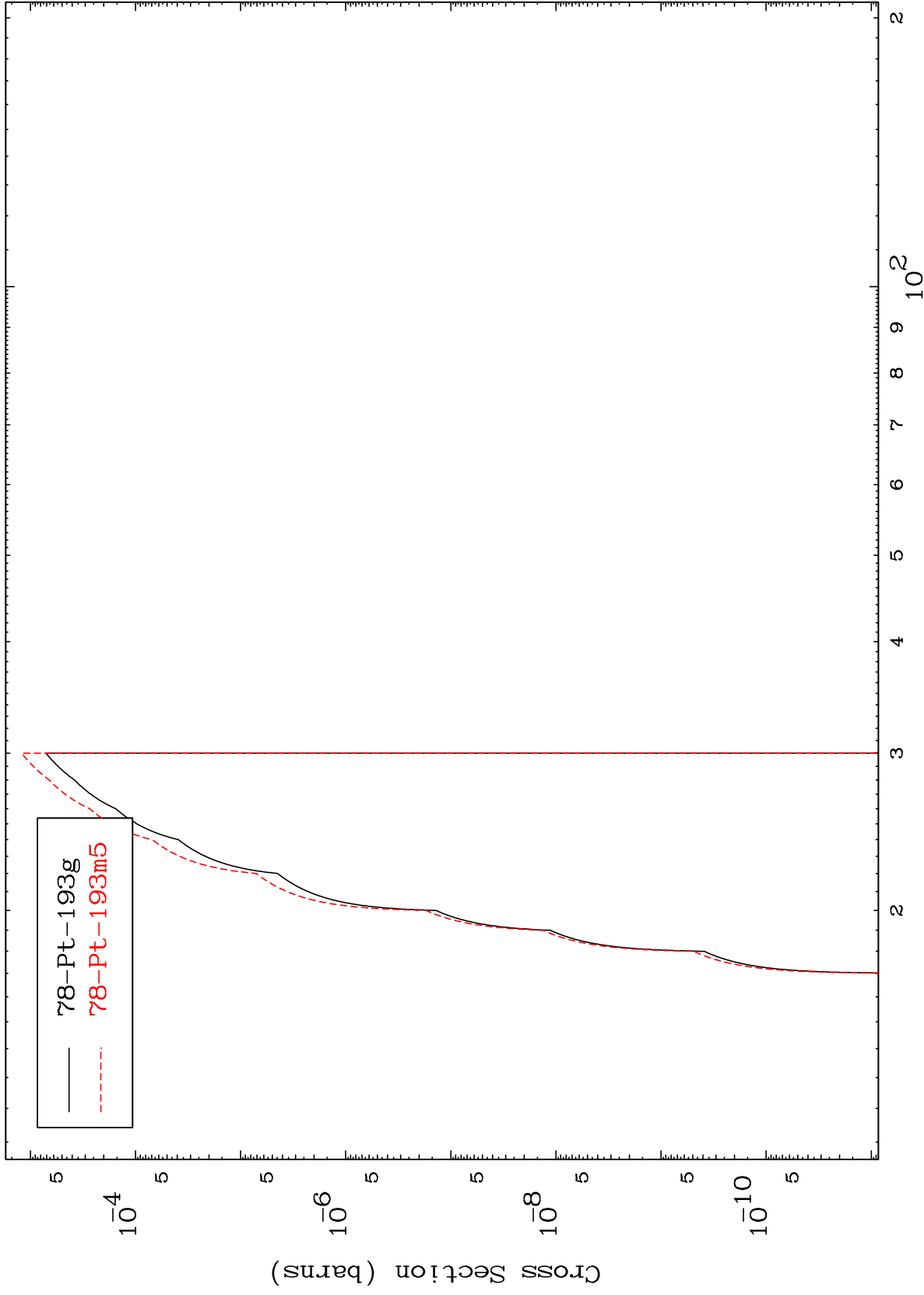
⁷⁷Ir-191n

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(n,d)

⁷⁷Ir-191n

Radionuclide Production Cross Section

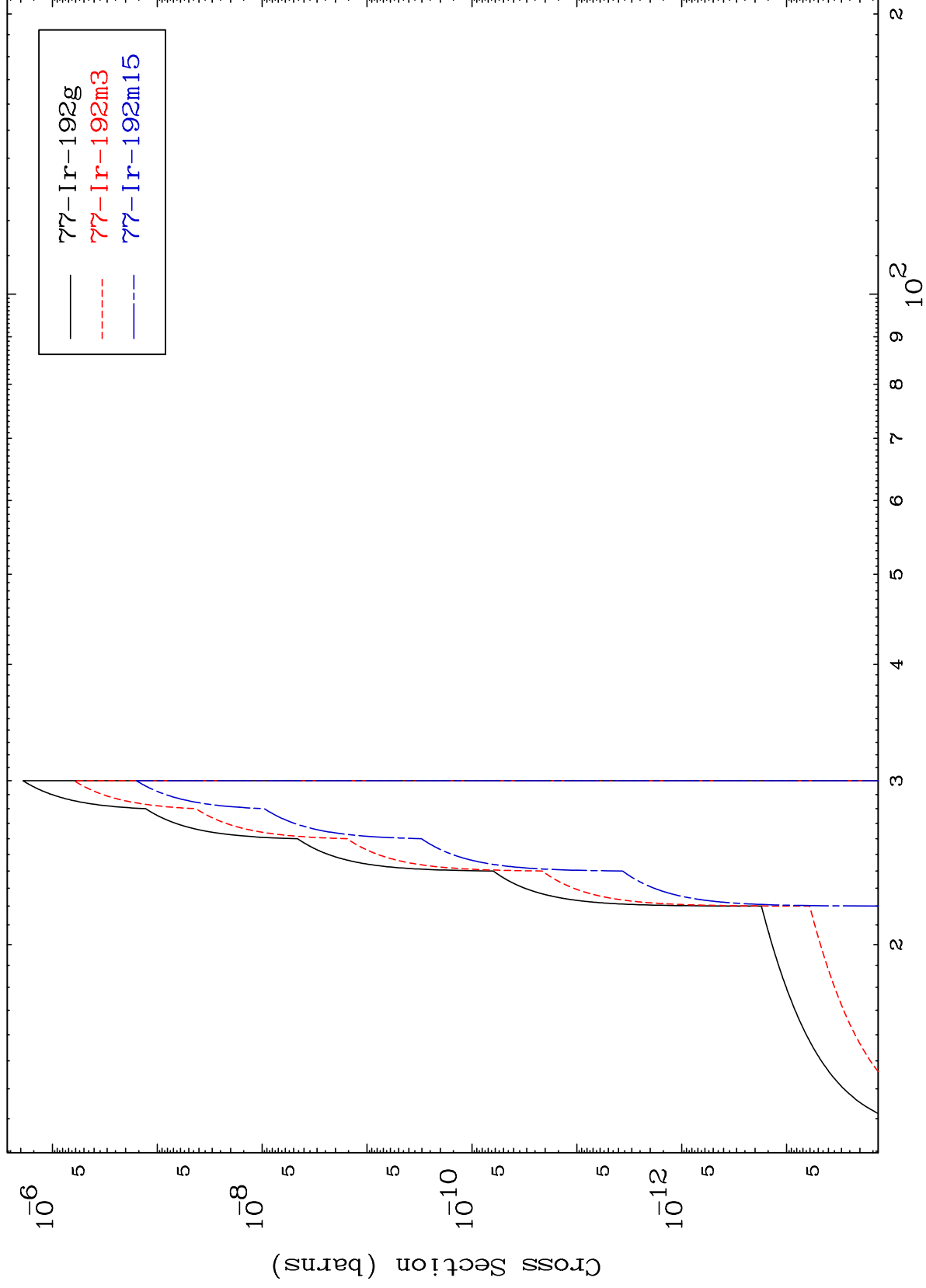


18

Incident Energy (MeV)

⁷⁷Ir-191n

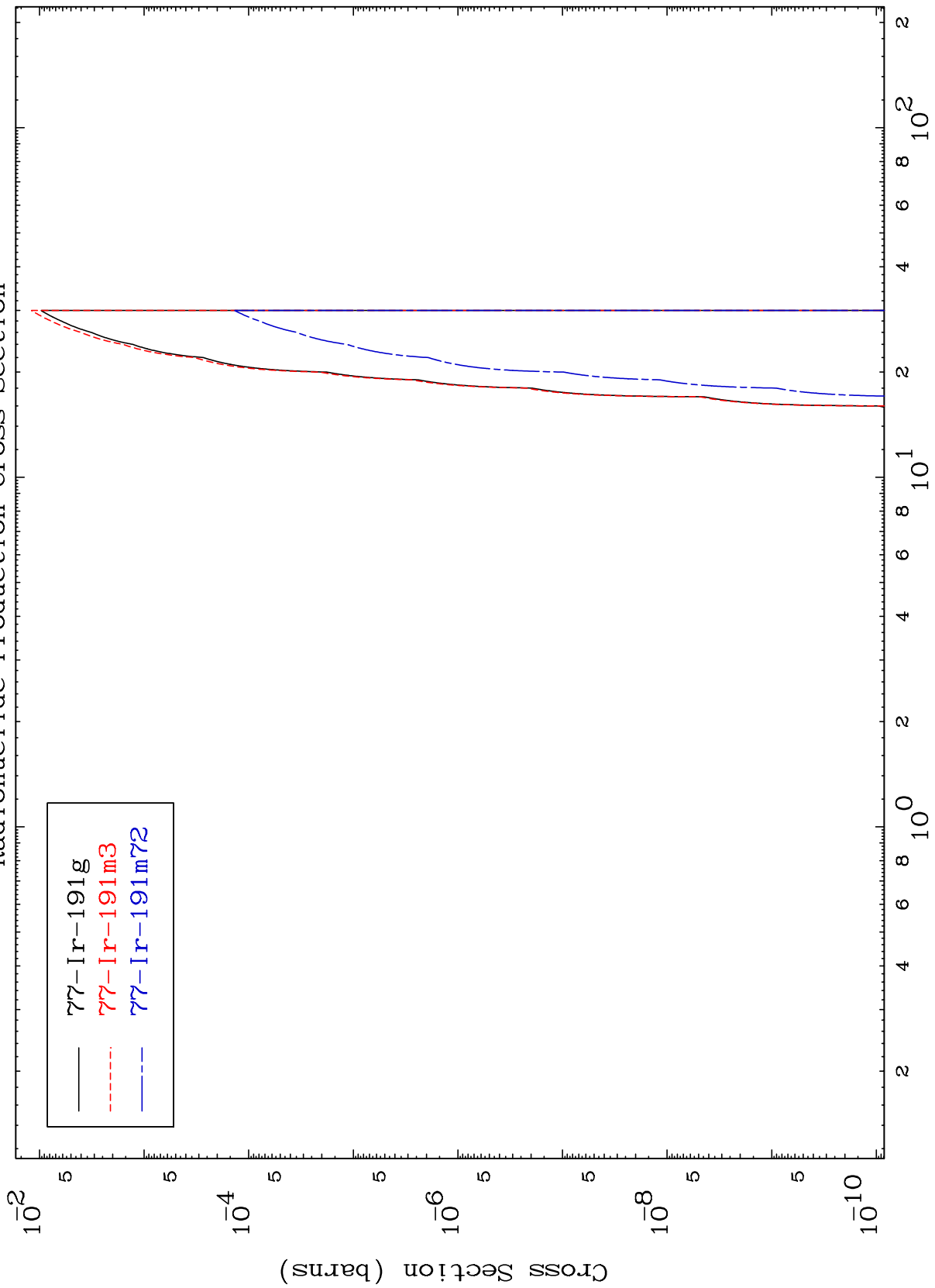
Radionuclide Production Cross Section



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⁷⁷Ir-191n

Radionuclide Production Cross Section



⁷⁷Ir-191n

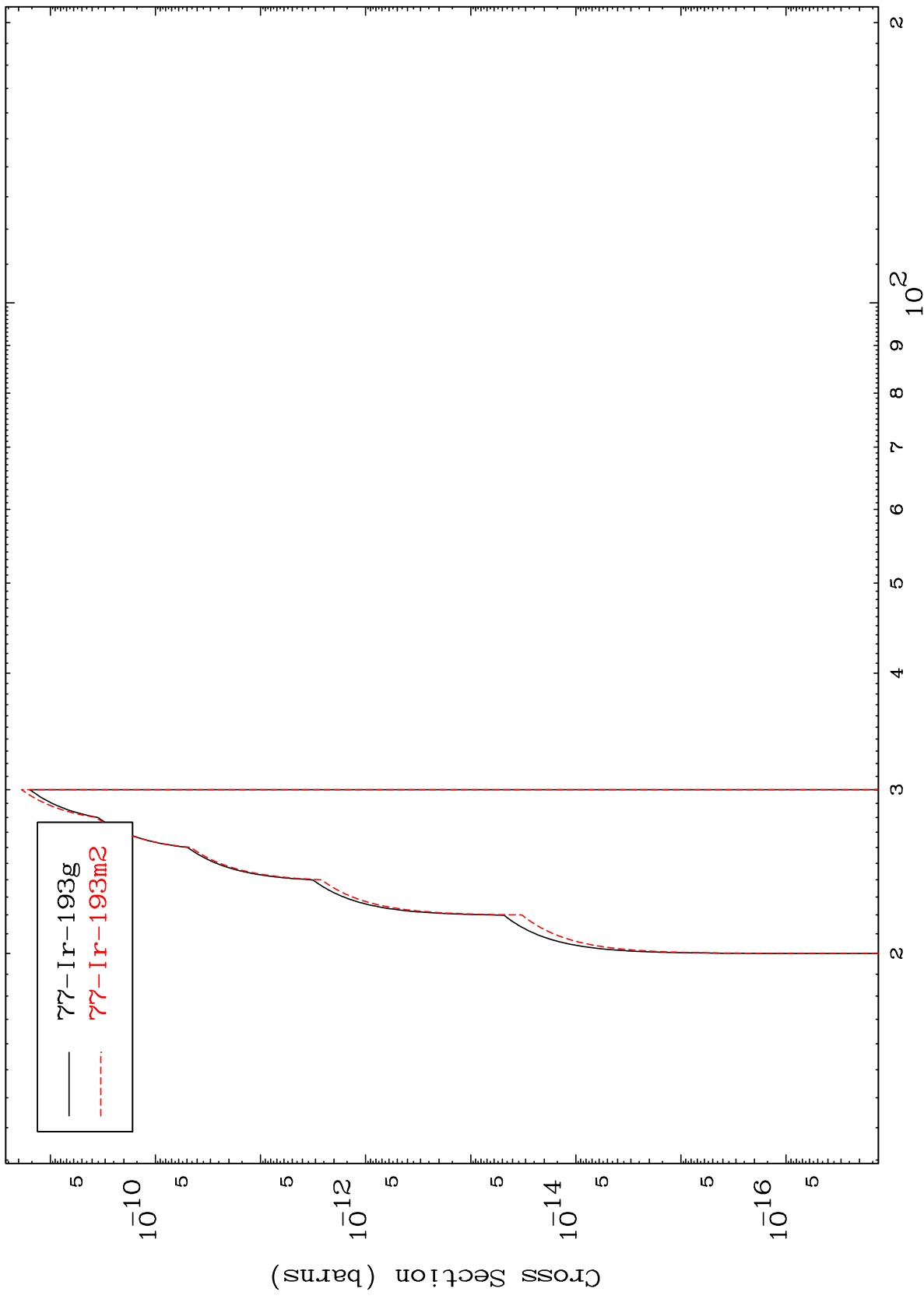
Incident Energy (MeV)

20

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$^{77}\text{Ir-191n}$

Radionuclide Production Cross Section
(n,2p)

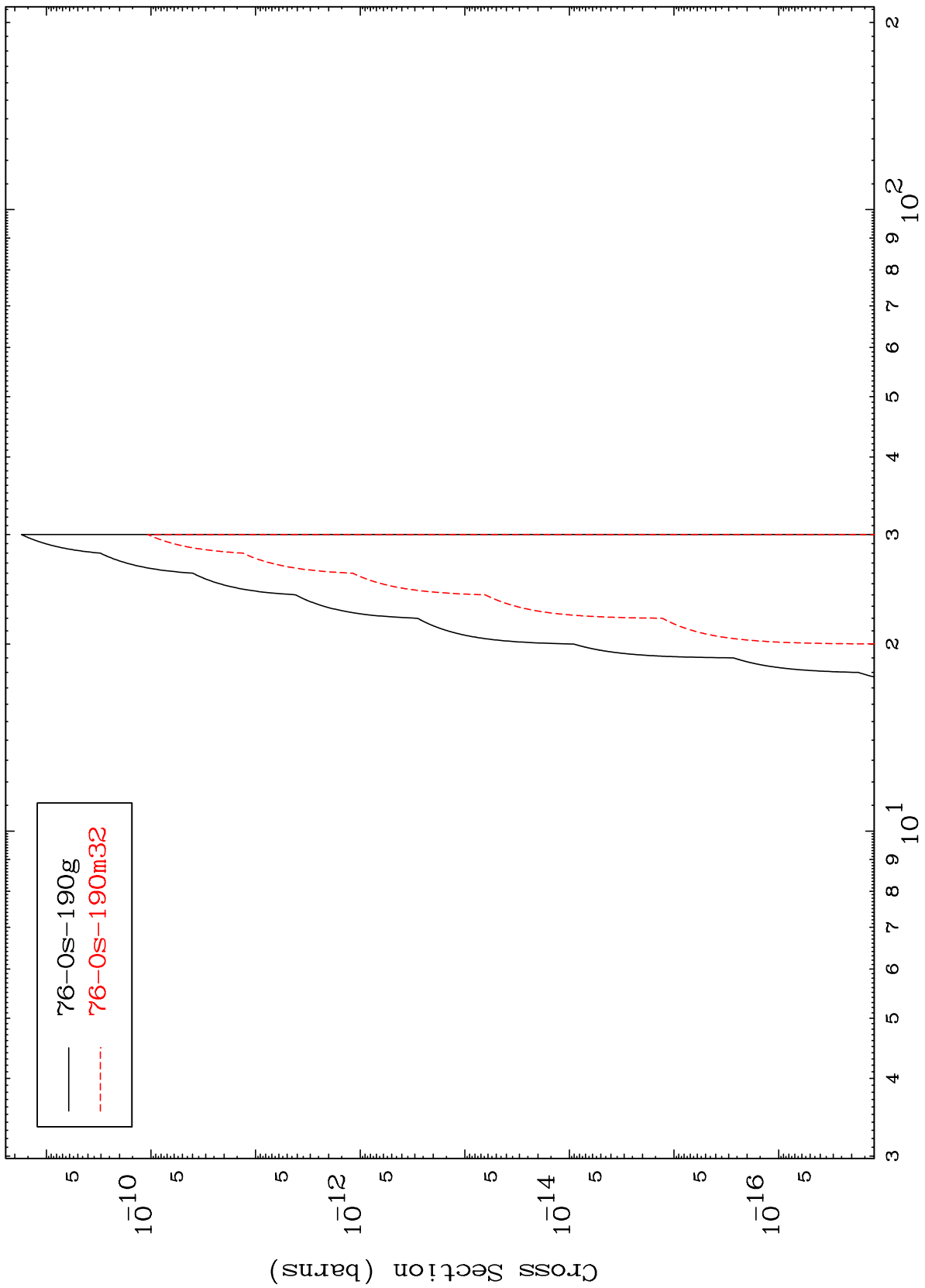


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(n,p) α

$^{77}\text{Ir-191n}$

Radionuclide Production Cross Section



22

Incident Energy (MeV)

$^{77}\text{Ir-191n}$