

Program EVALPLOT
(Version 2021-1)

by

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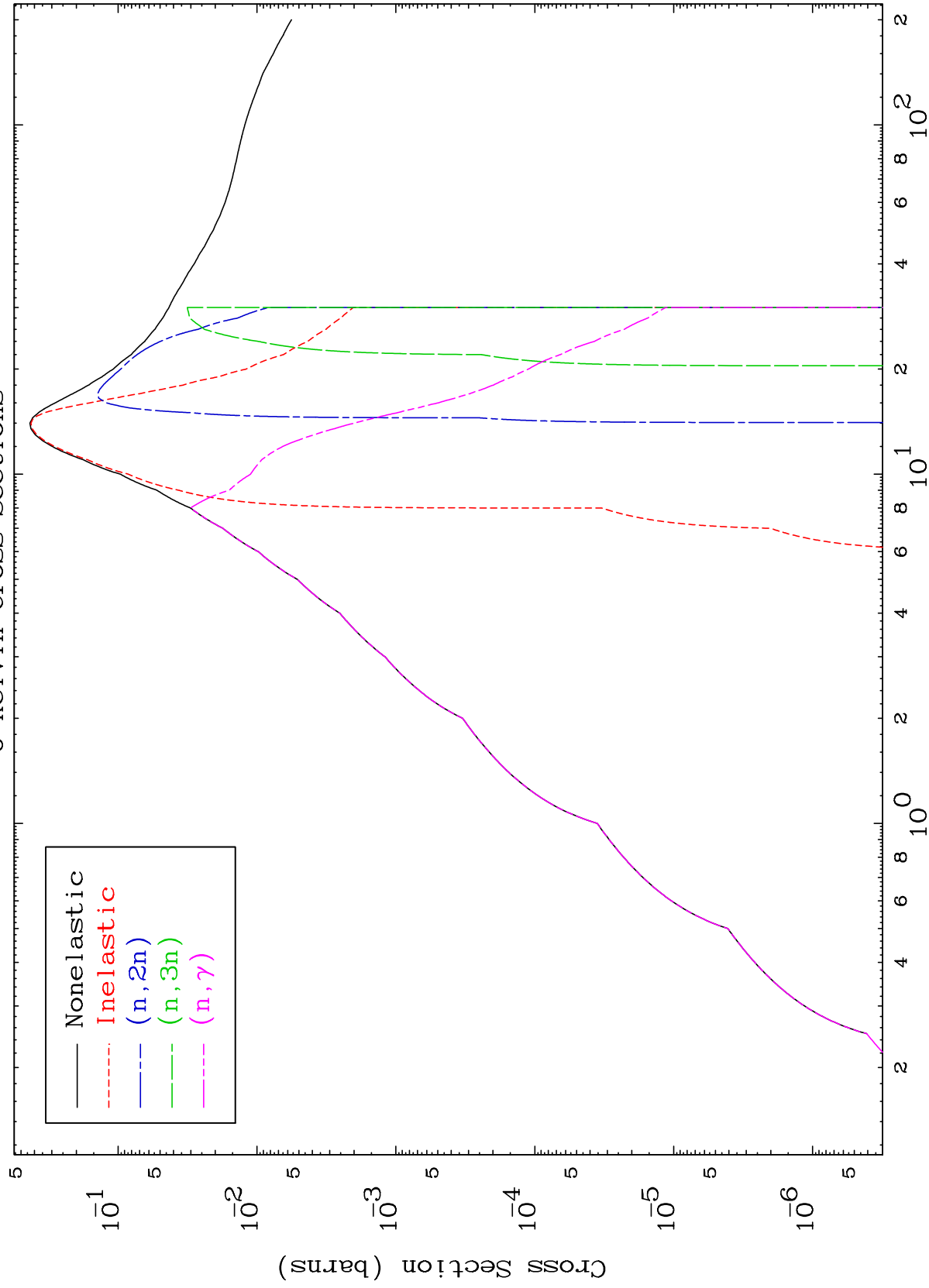
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7730

Photon Major
0 Kelvin Cross Sections

⁷⁷Ir-¹⁹²n



1

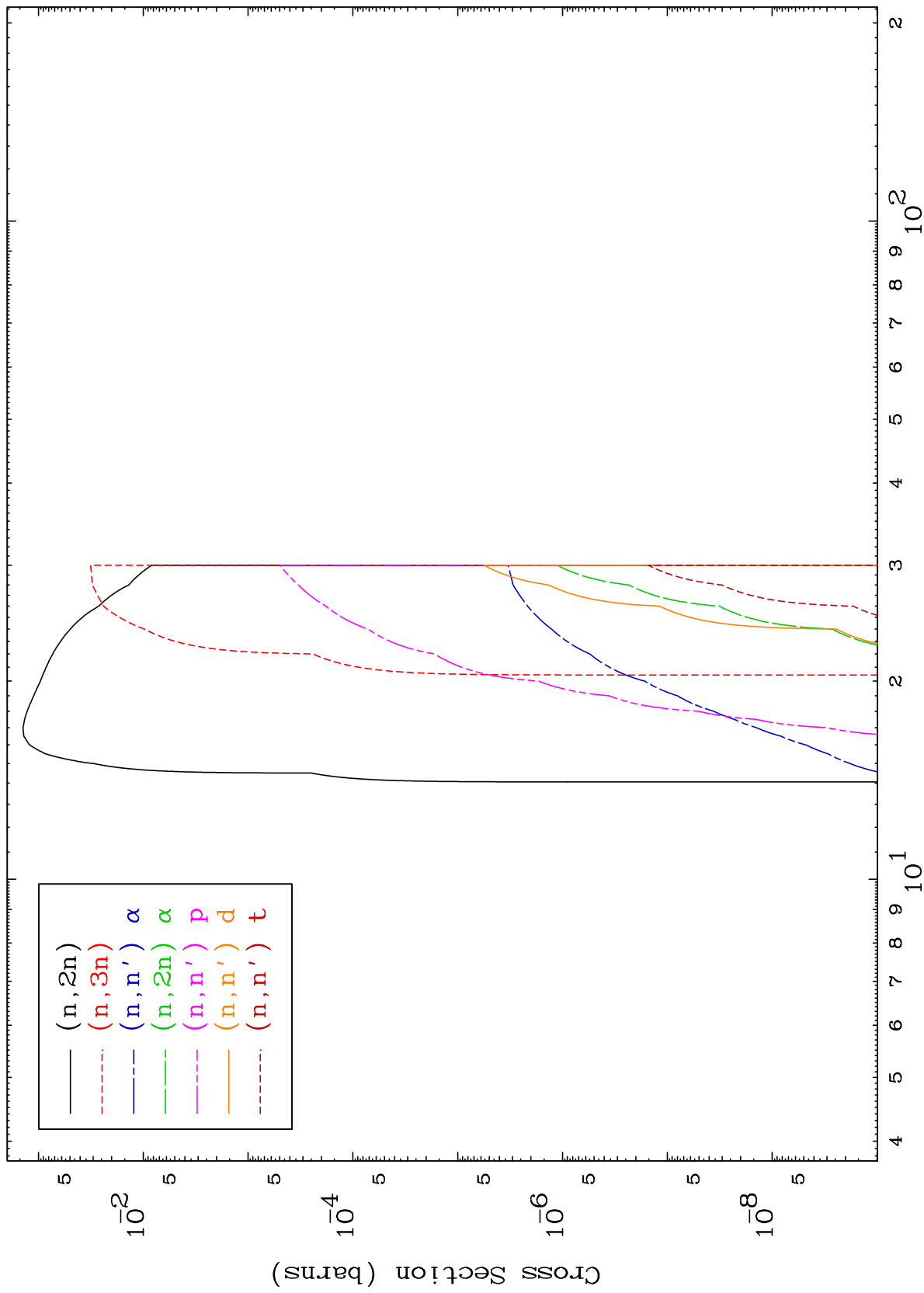
Incident Energy (MeV)

⁷⁷Ir-¹⁹²n

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Photon Neutron Absorption
0 Kelvin Cross Sections

⁷⁷Ir-192n

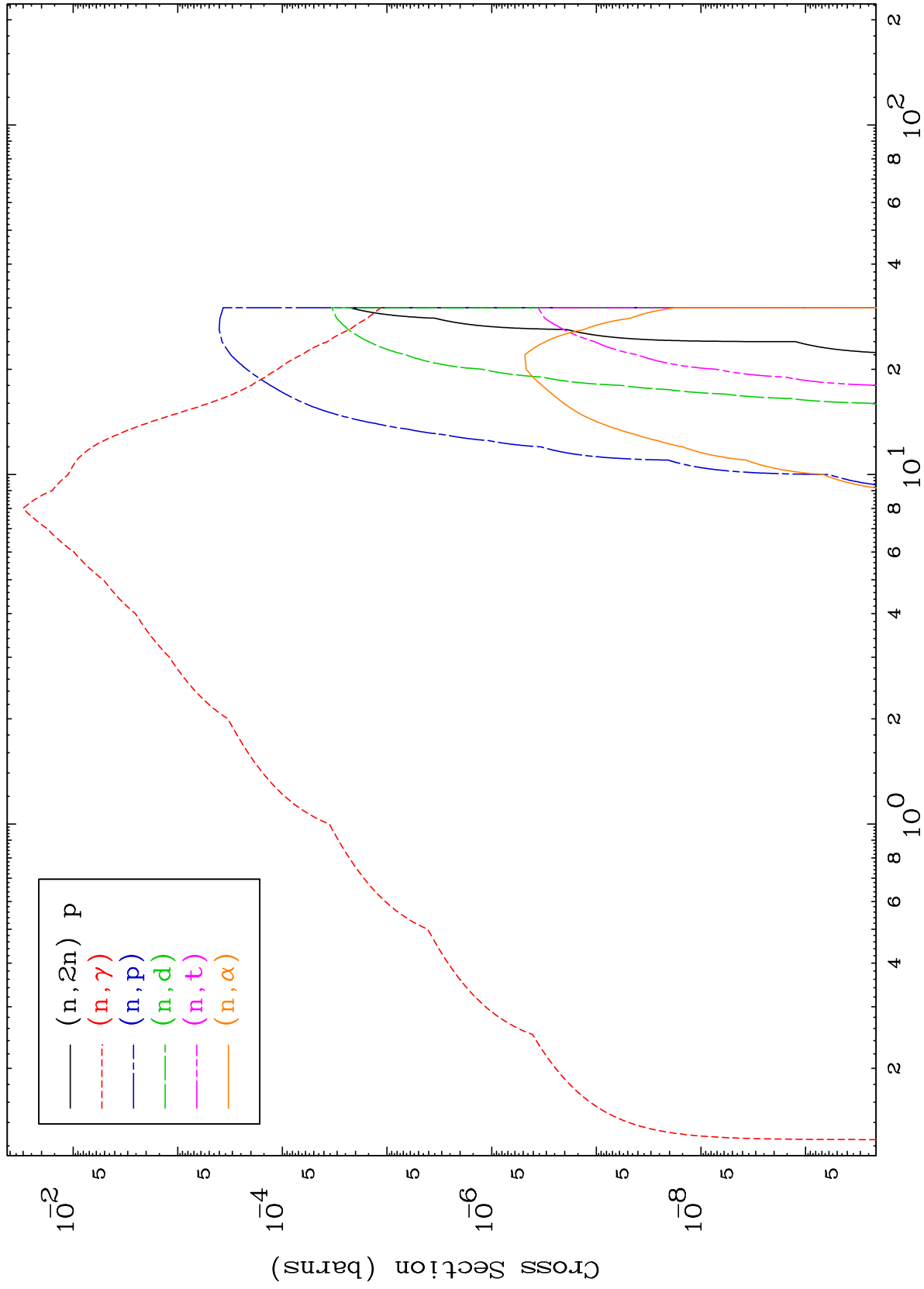


2

MAT 7730

Photon Neutron Absorption
0 Kelvin Cross Sections

⁷⁷Ir-192n



3

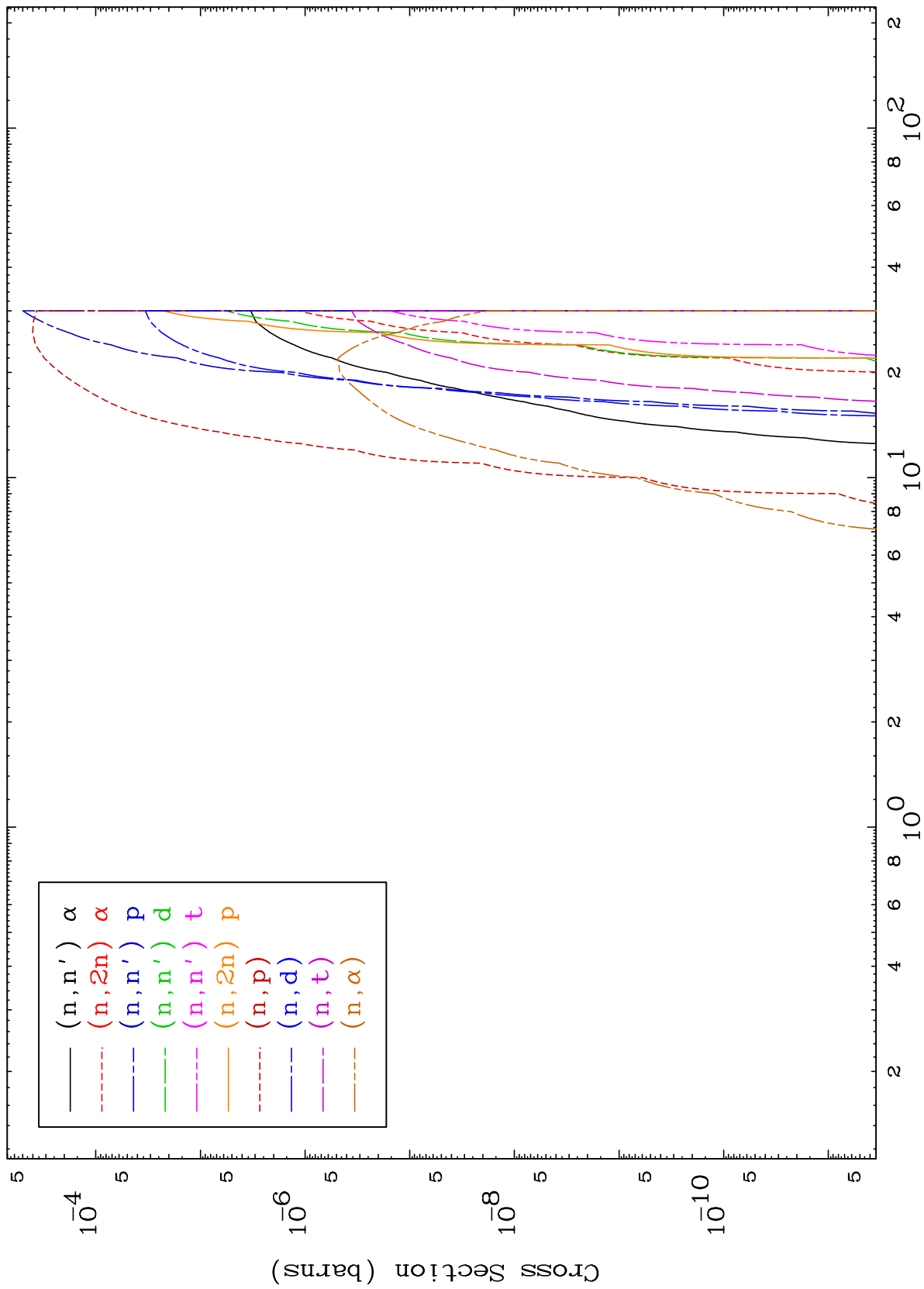
Incident Energy (MeV)

⁷⁷Ir-192n

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Photon Charged Particle
0 Kelvin Cross Sections

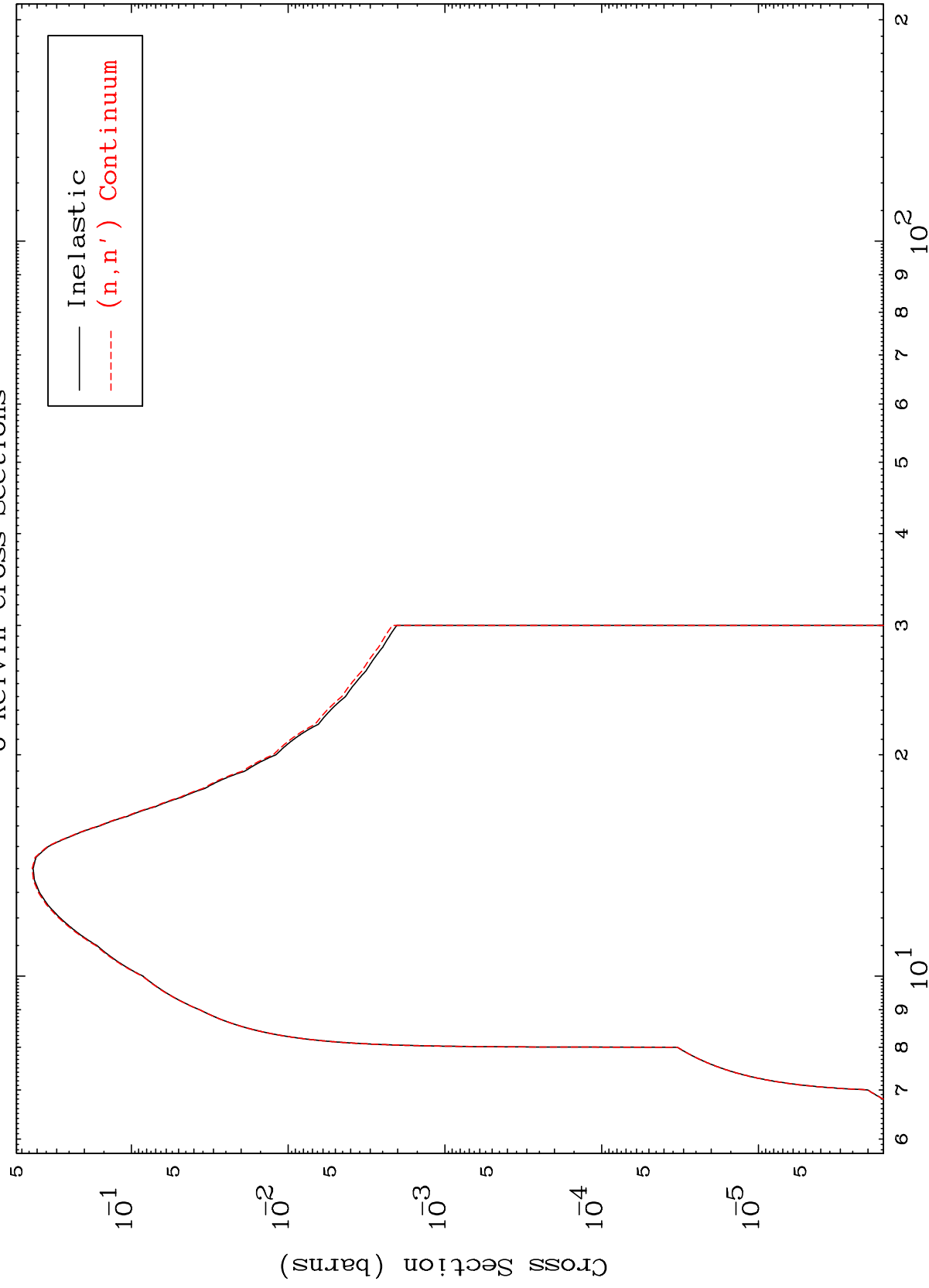
⁷⁷Ir-¹⁹²n



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(γ, n') Levels
0 Kelvin Cross Sections

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



5

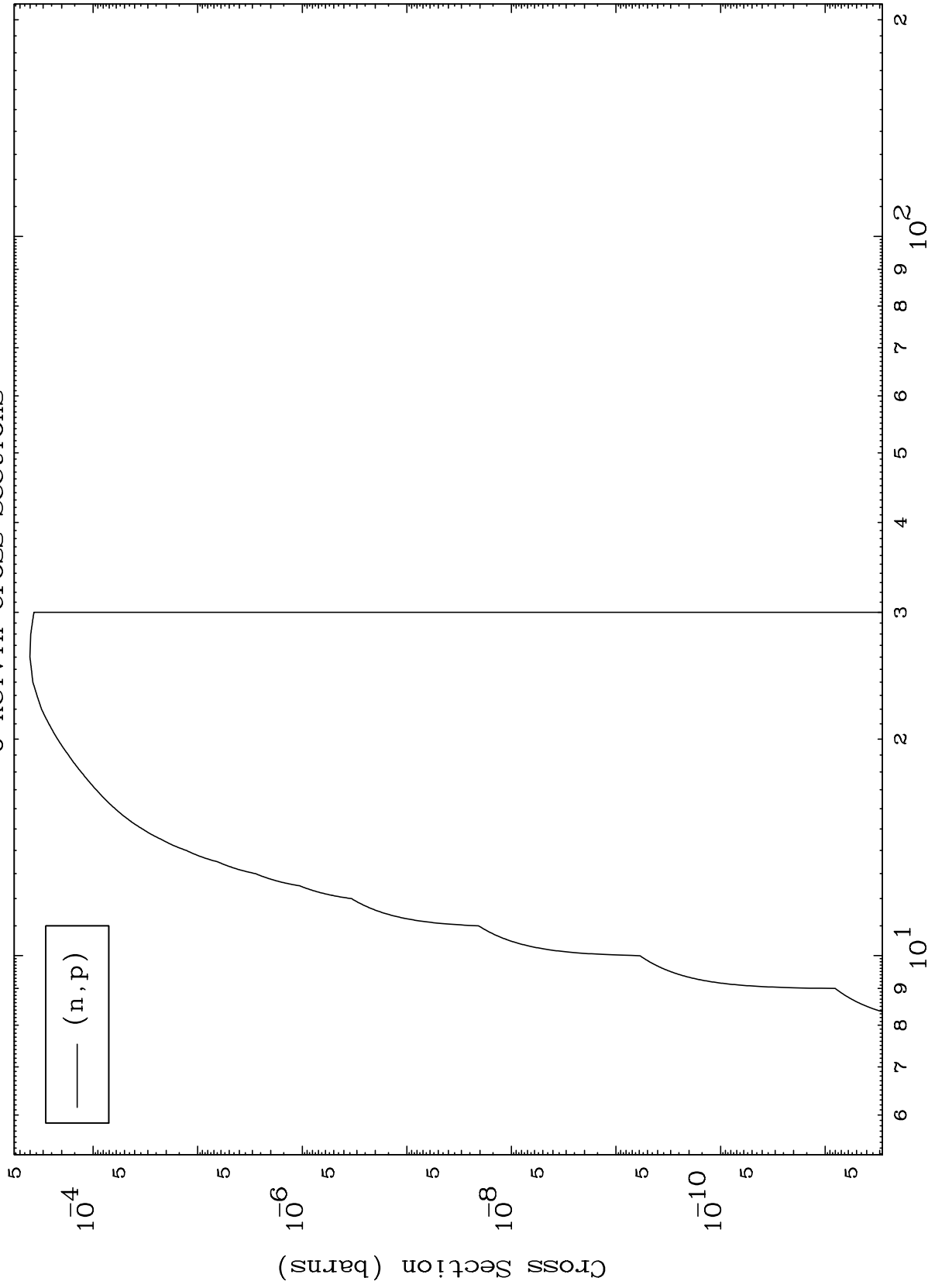
Incident Energy (MeV)

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

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⁷⁷Ir-192n

(γ ,p) Levels
0 Kelvin Cross Sections



6

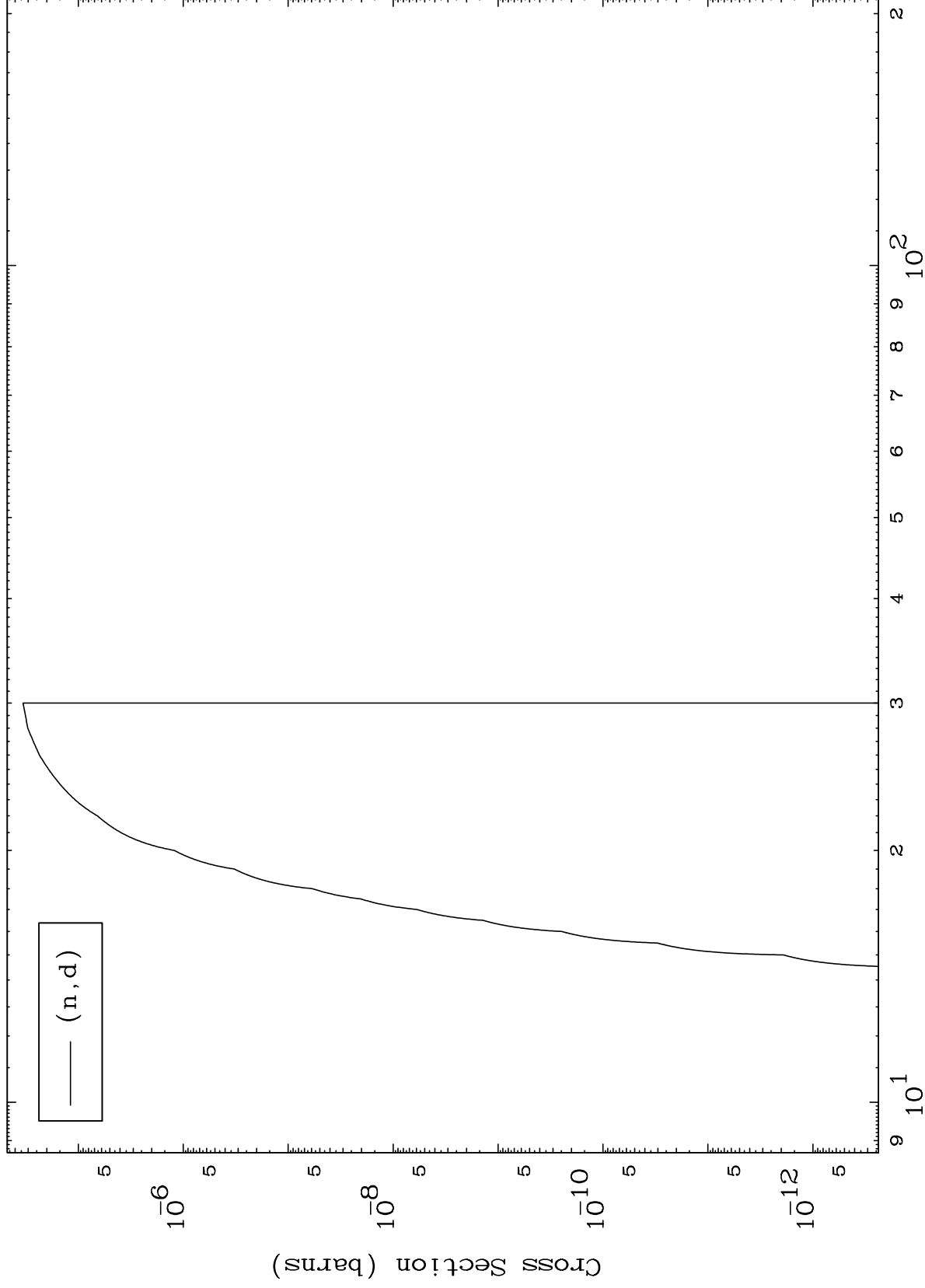
Incident Energy (MeV)

⁷⁷Ir-192n

MAT 7730

(γ, d) Levels
0 Kelvin Cross Sections

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



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

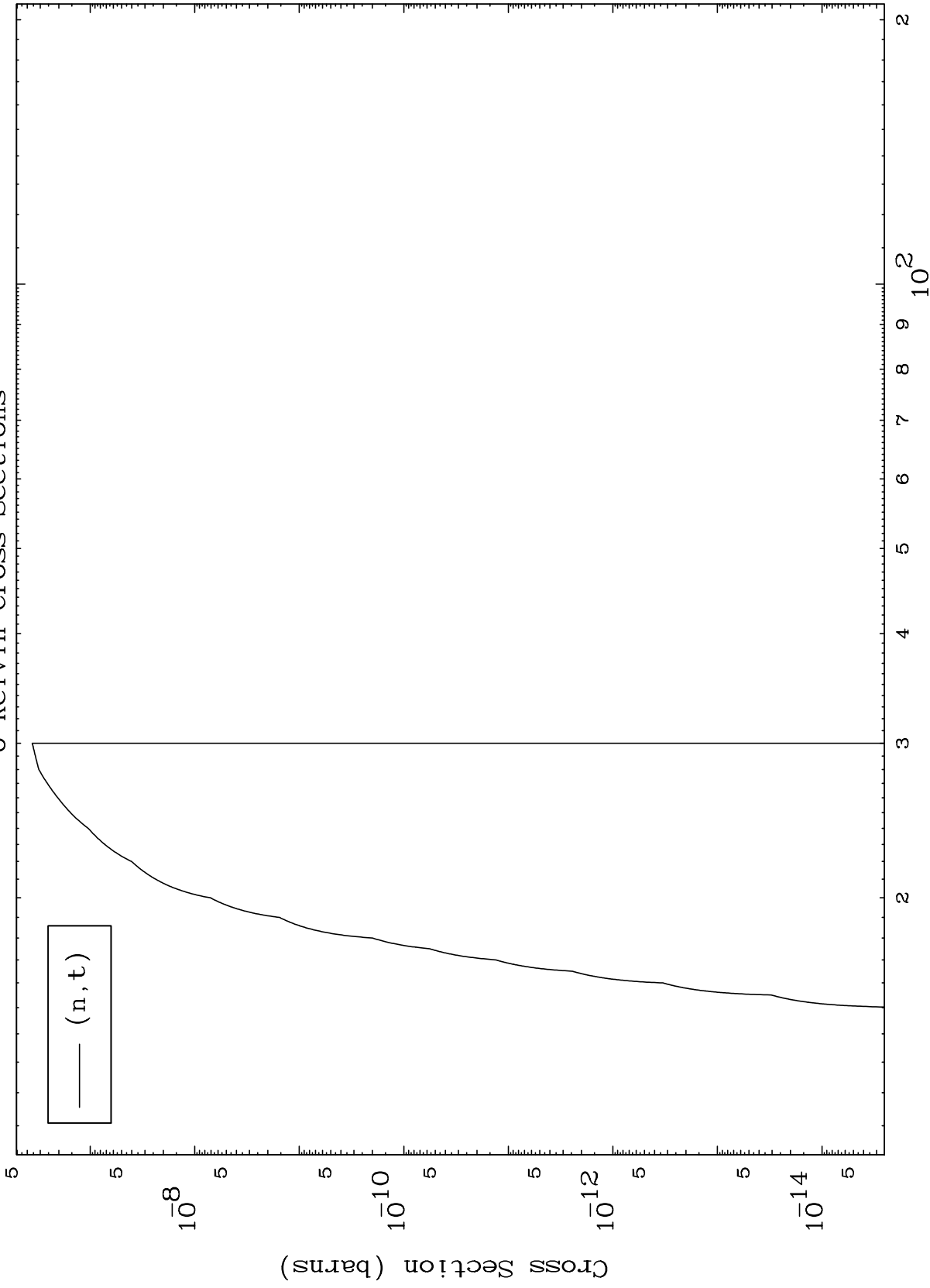
Incident Energy (MeV)

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

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(γ, t) Levels
0 Kelvin Cross Sections

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

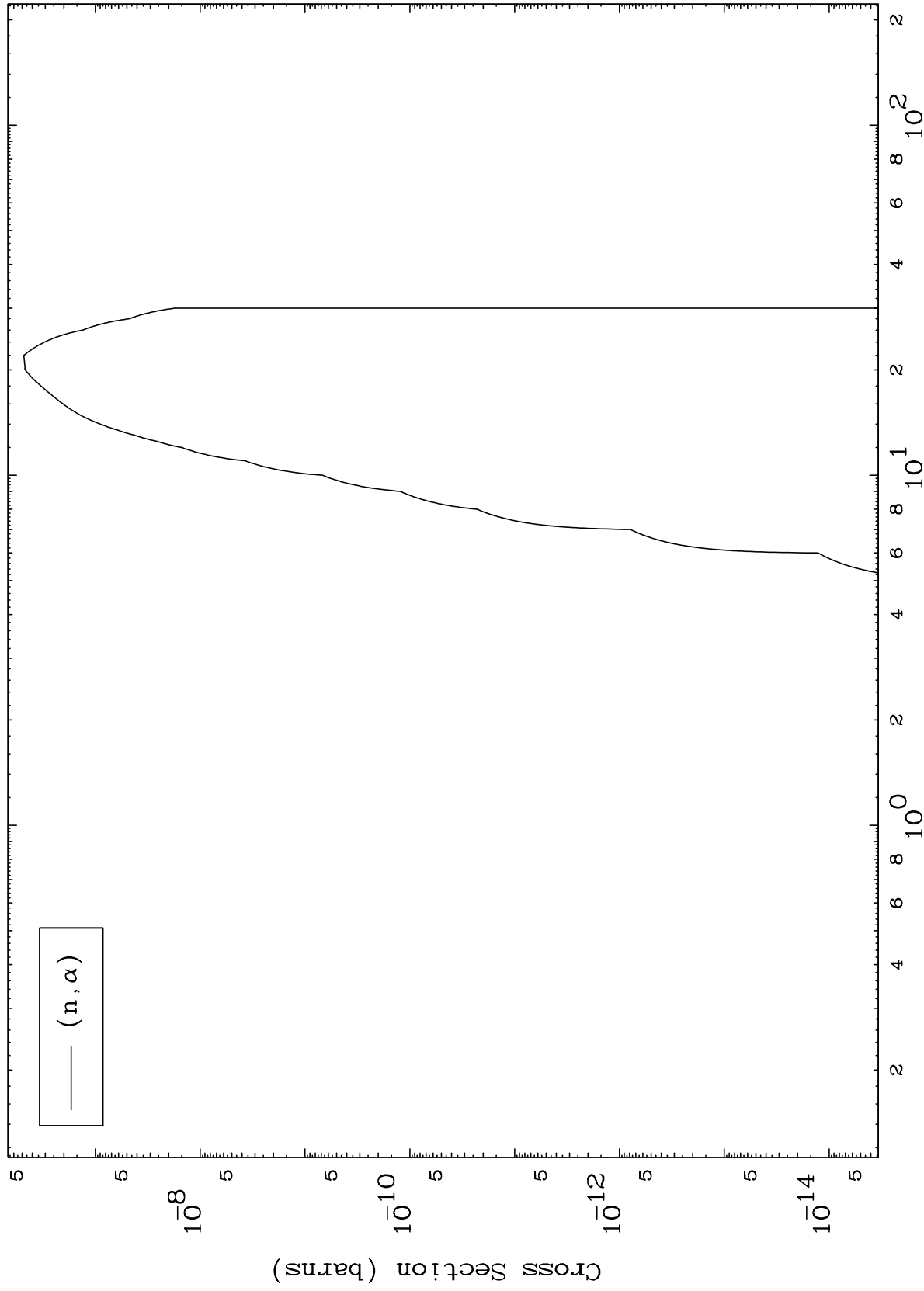


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(γ, α) Levels

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

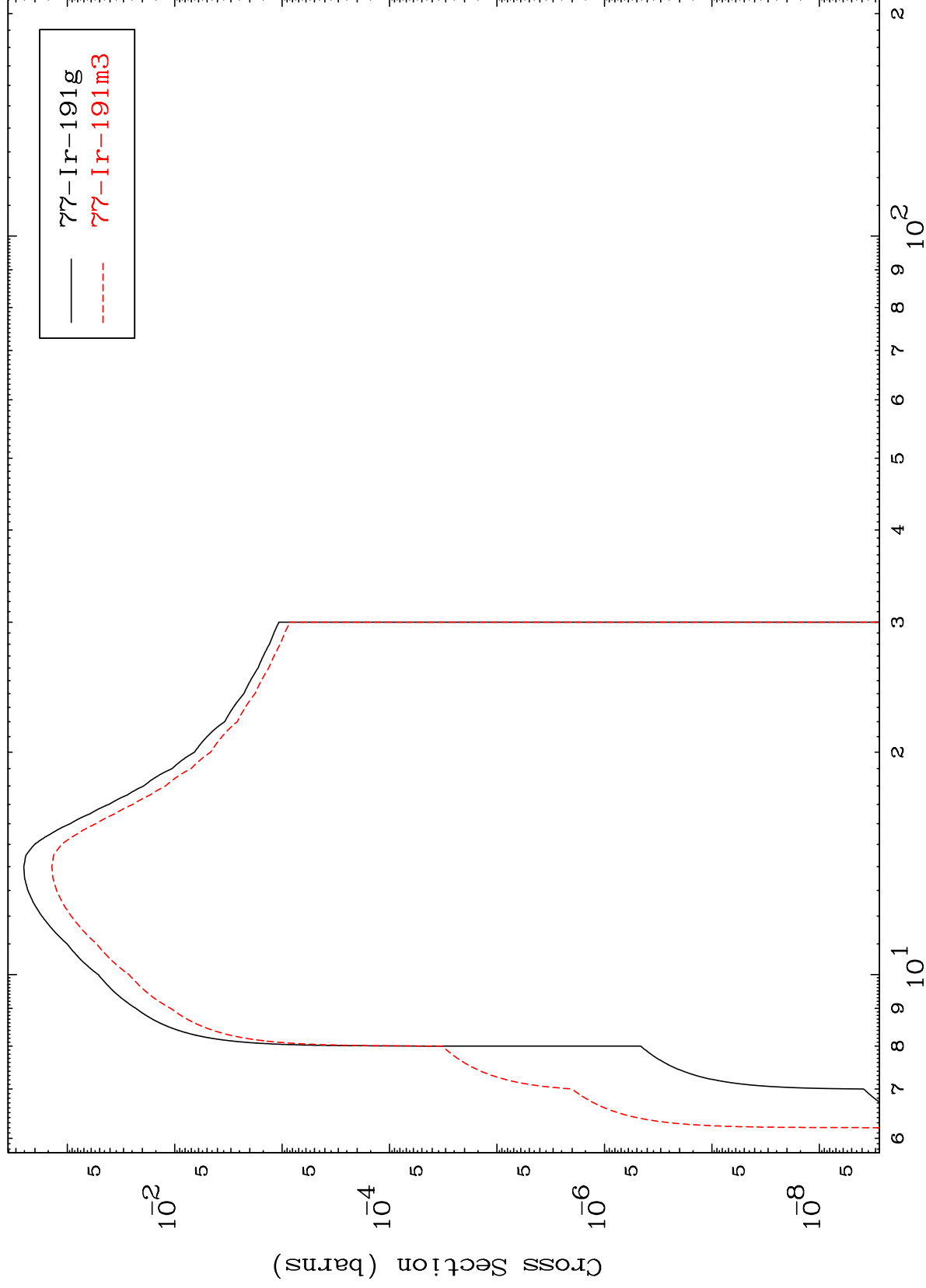
0 Kelvin Cross Sections



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Inelastic
Radionuclide Production Cross Section

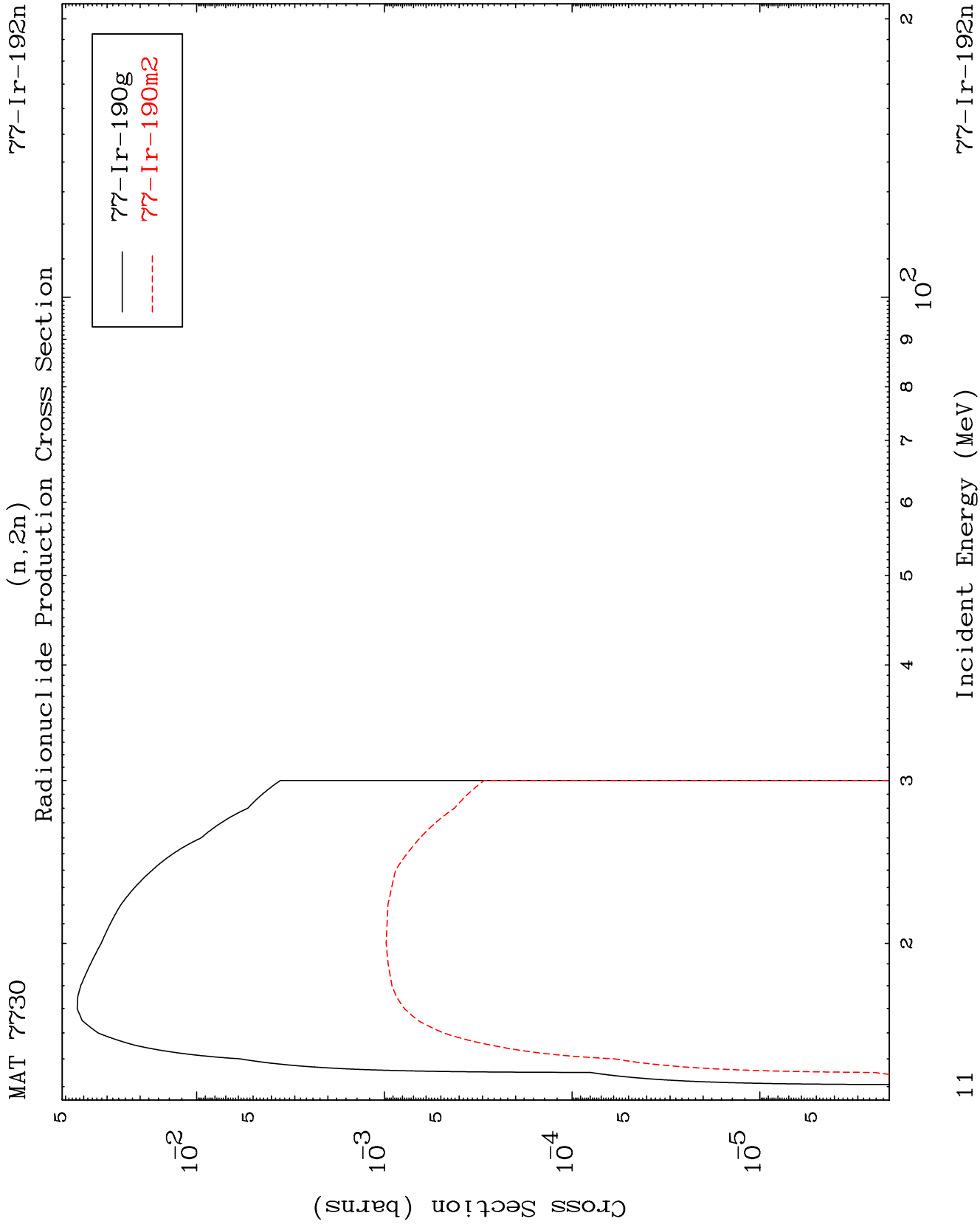
$^{77}\text{Ir-192n}$



10

Incident Energy (MeV)

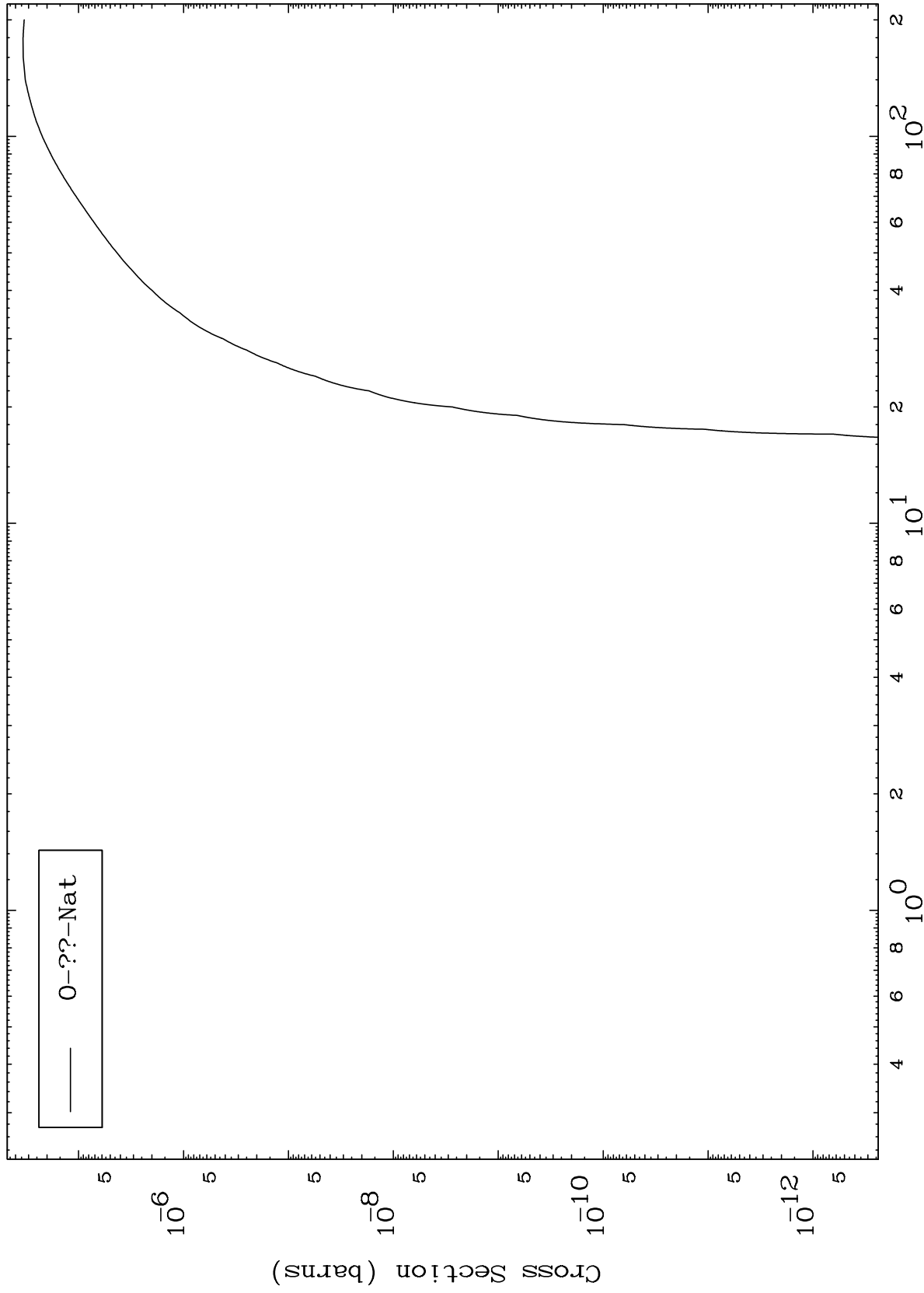
$^{77}\text{Ir-192n}$



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Fission
Radionuclide Production Cross Section

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



12

Incident Energy (MeV)

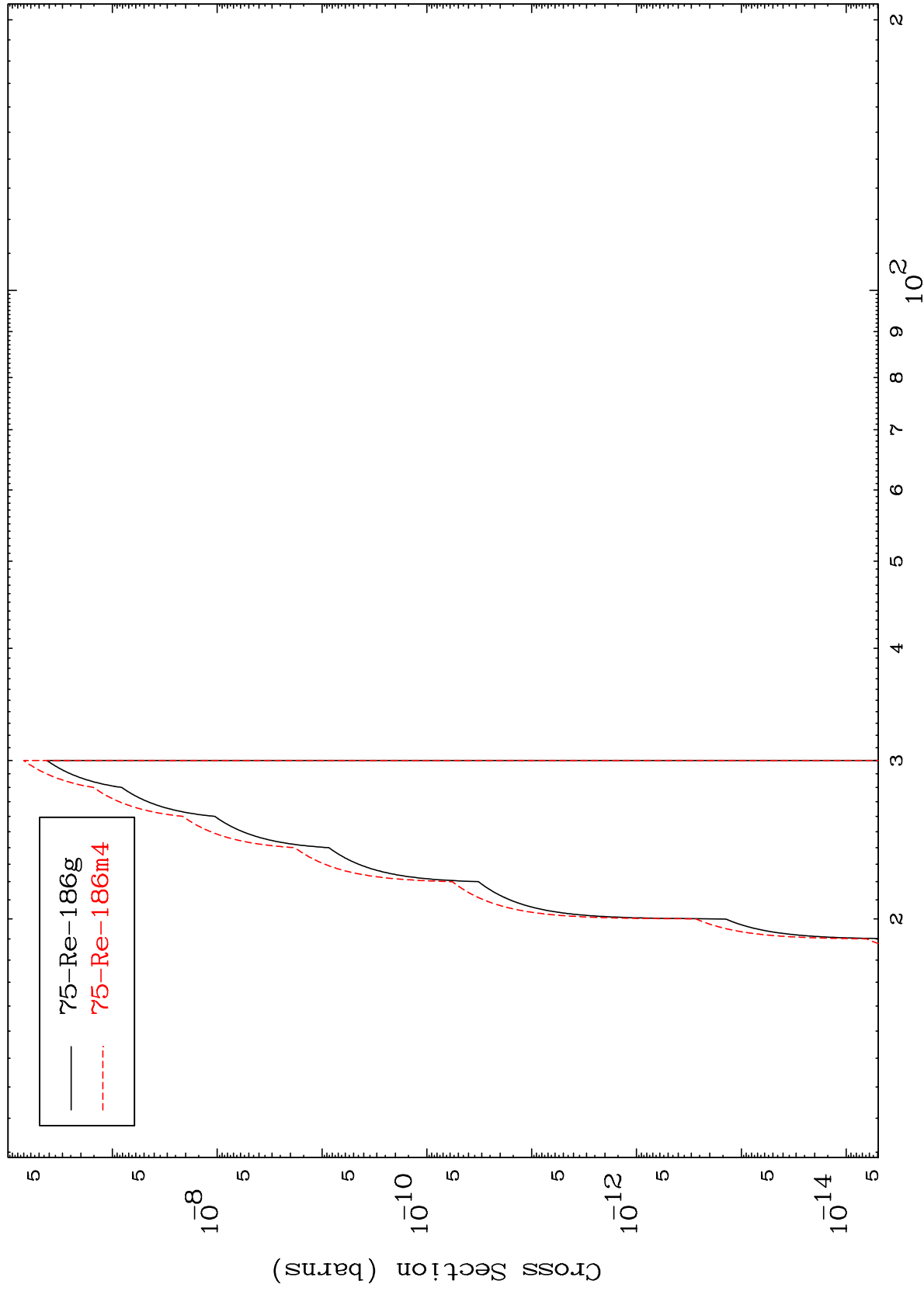
$^{77}\text{Ir-192n}$

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$(n,2n) \alpha$

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

Radionuclide Production Cross Section



13

Incident Energy (MeV)

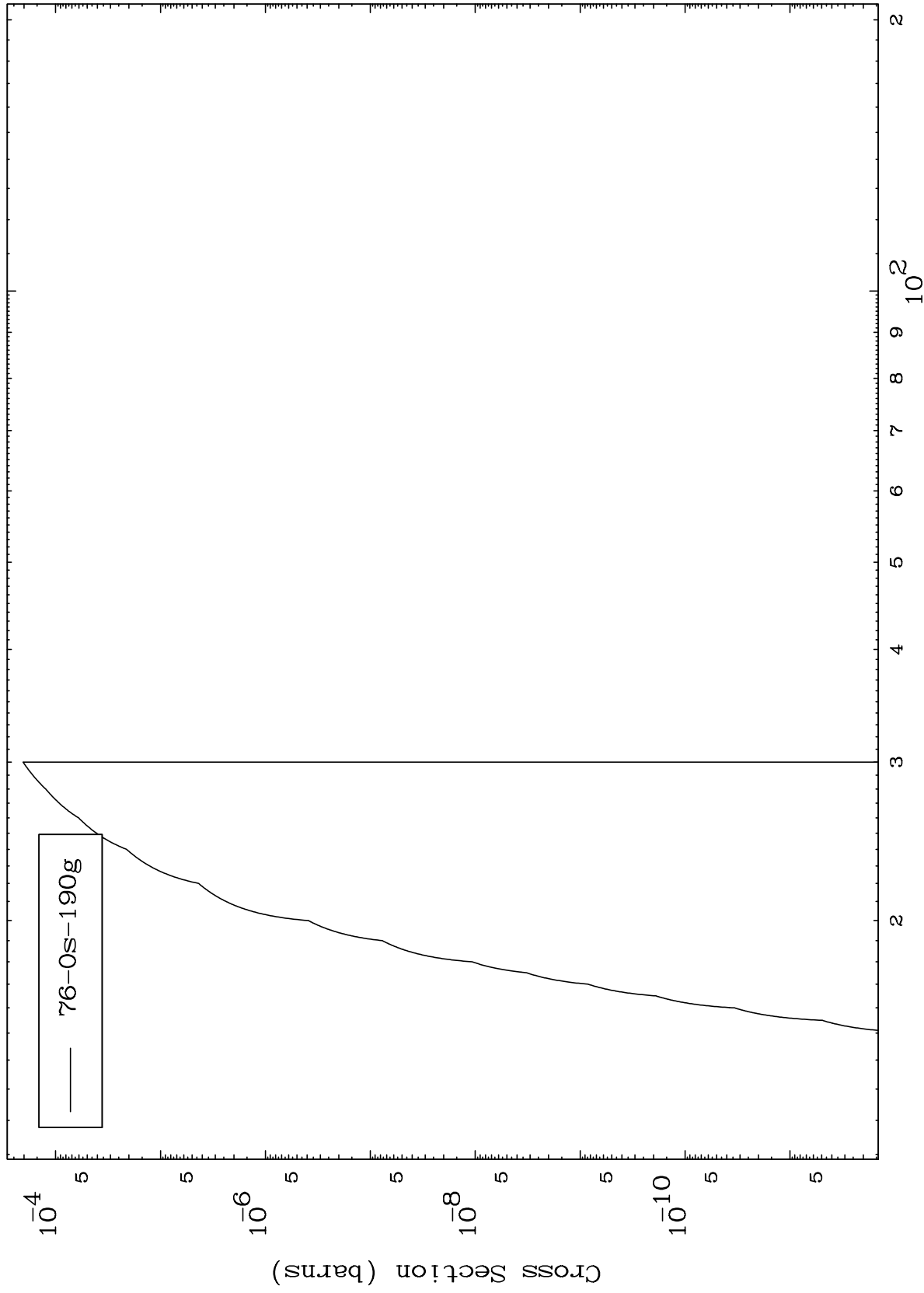
$^{77}\text{Ir}-^{192}\text{n}$

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(n,n') p

⁷⁷Ir-¹⁹²n

Radionuclide Production Cross Section



14

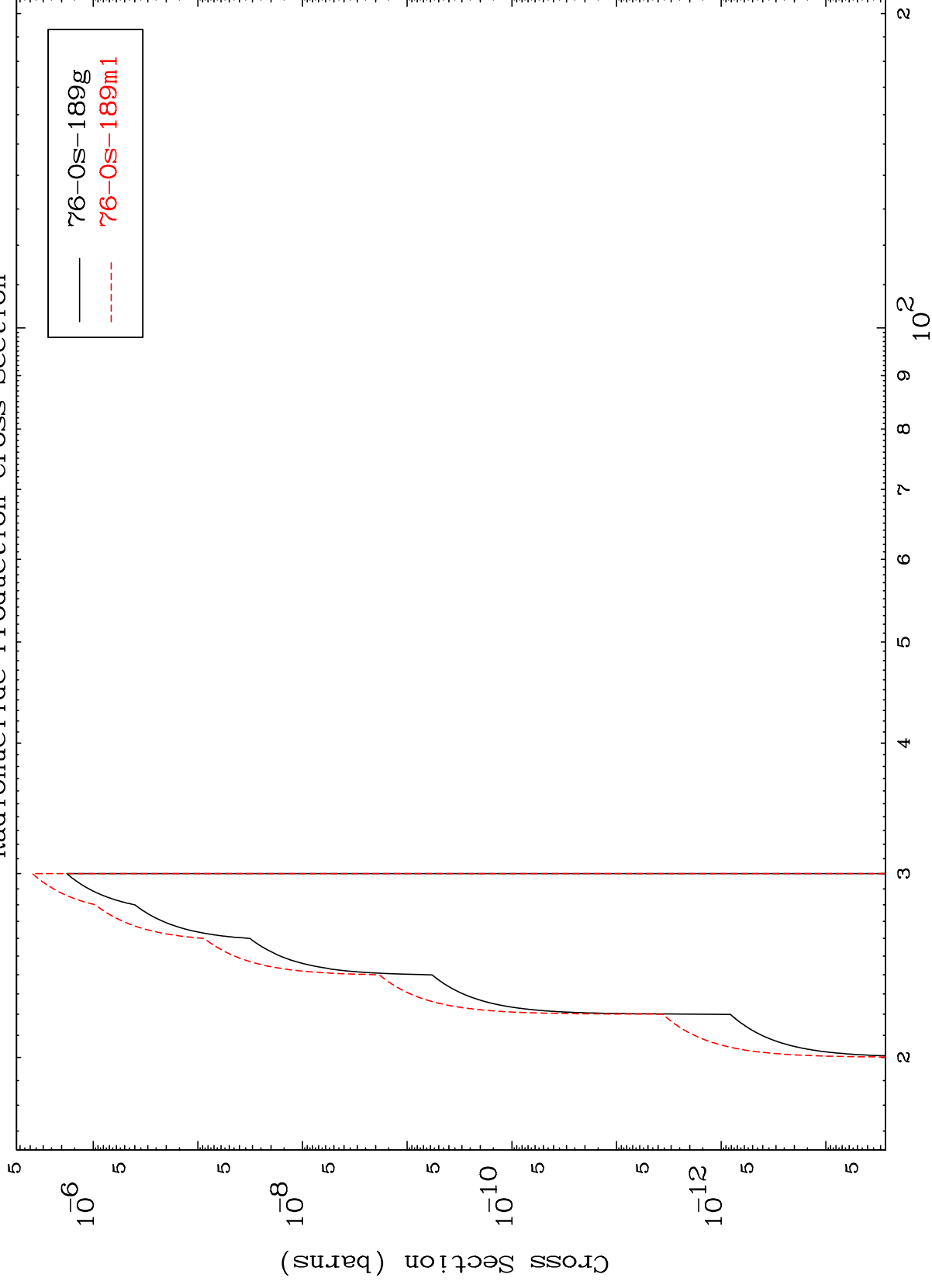
Incident Energy (MeV)

⁷⁷Ir-¹⁹²n

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 (n, n') d⁷⁷Ir-192n

Radionuclide Production Cross Section



15

Incident Energy (MeV)

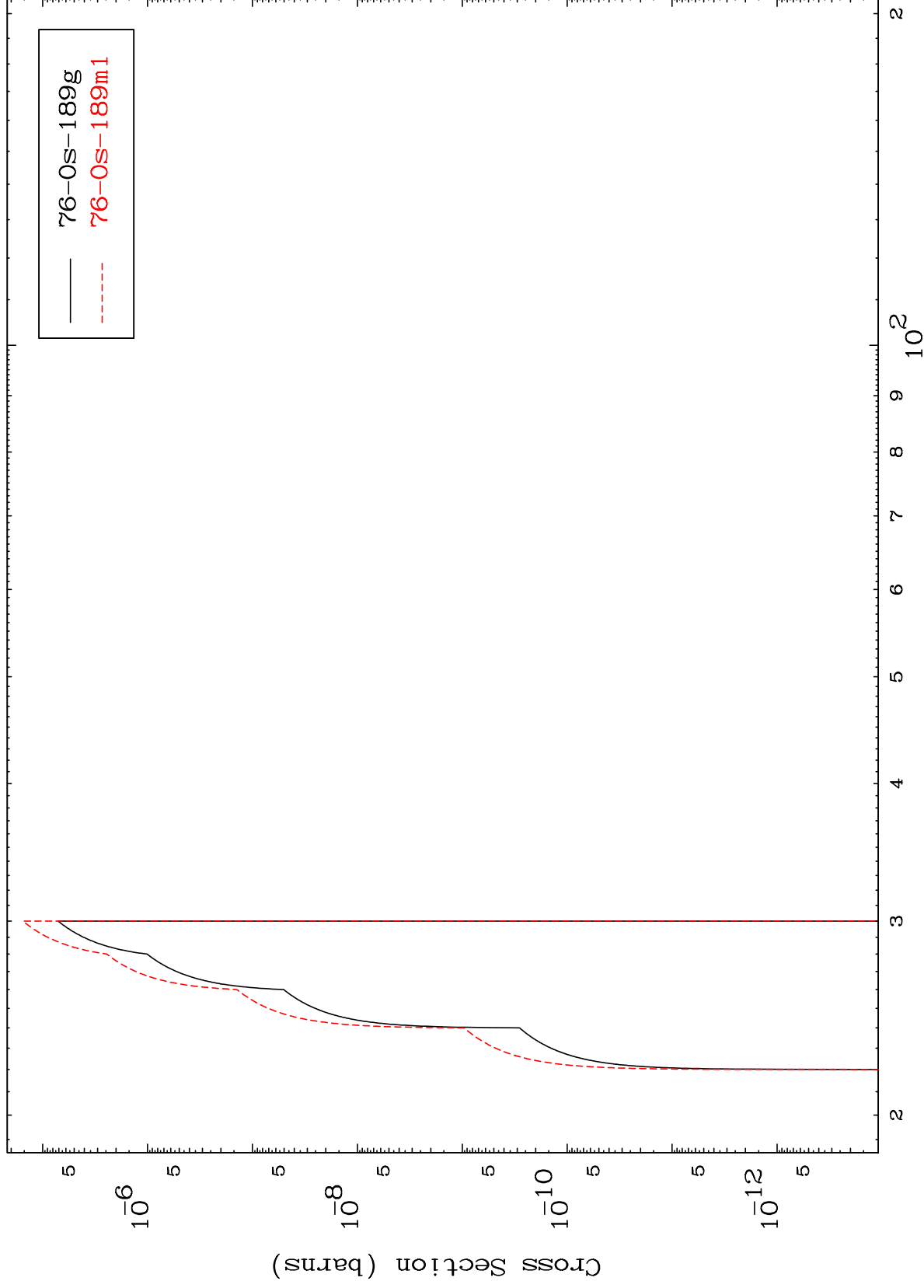
77-Ir-192n

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(n,2n) p

⁷⁷Ir-¹⁹²n

Radionuclide Production Cross Section



16

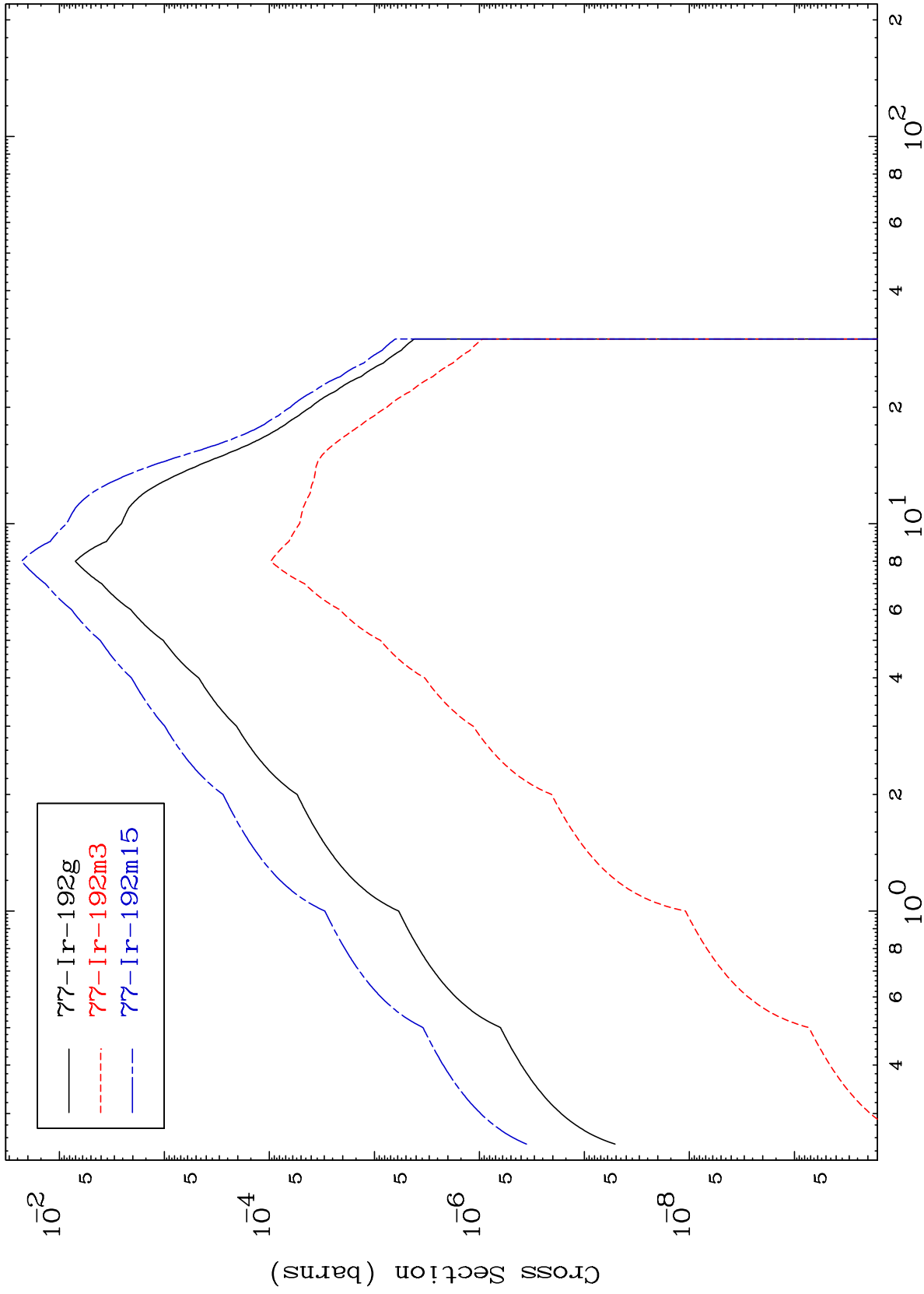
Incident Energy (MeV)

⁷⁷Ir-¹⁹²n

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Radionuclide Production Cross Section
(n, γ)

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



17

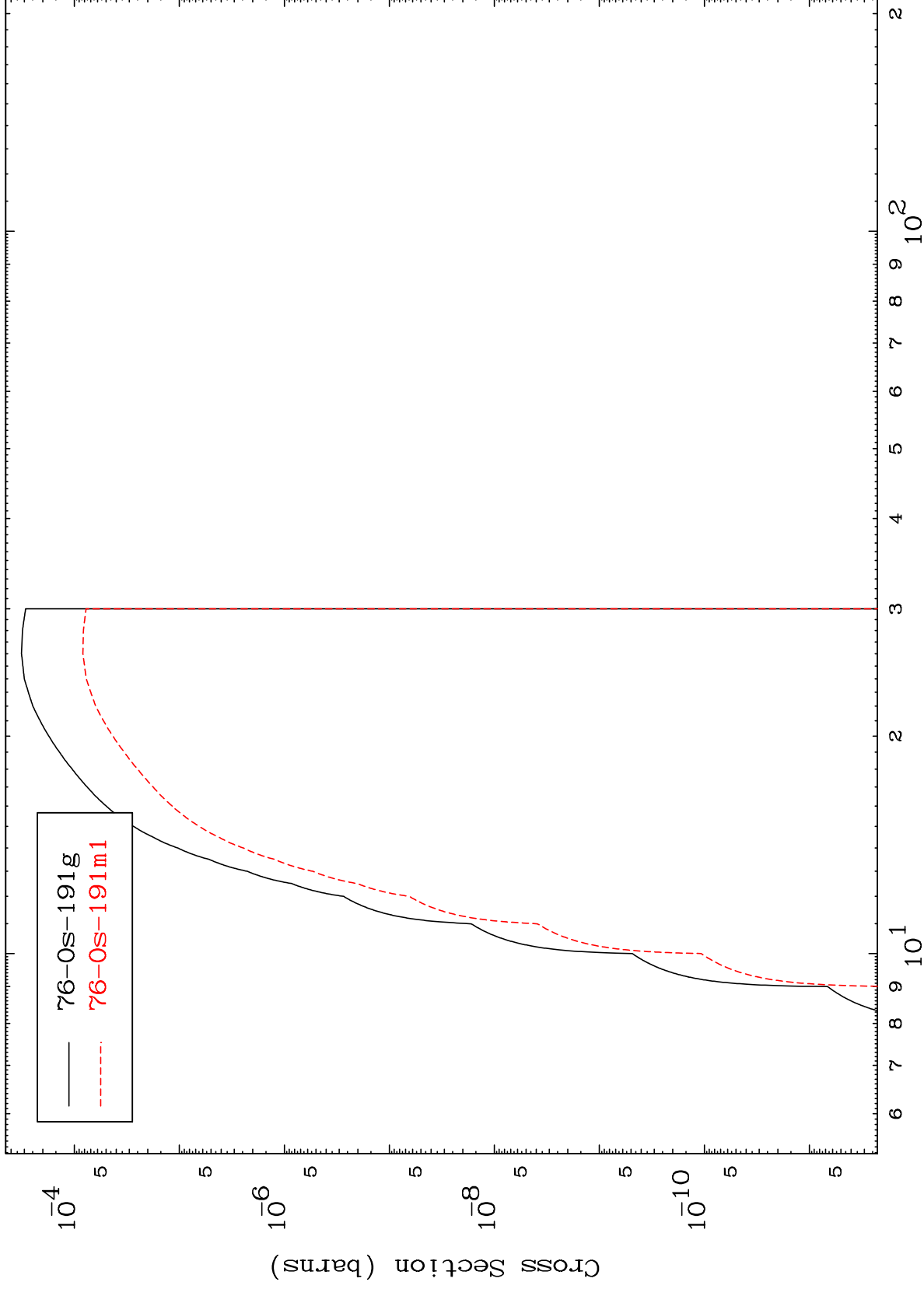
Incident Energy (MeV)

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

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Radionuclide Production Cross Section
(n,p)

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



18

Incident Energy (MeV)

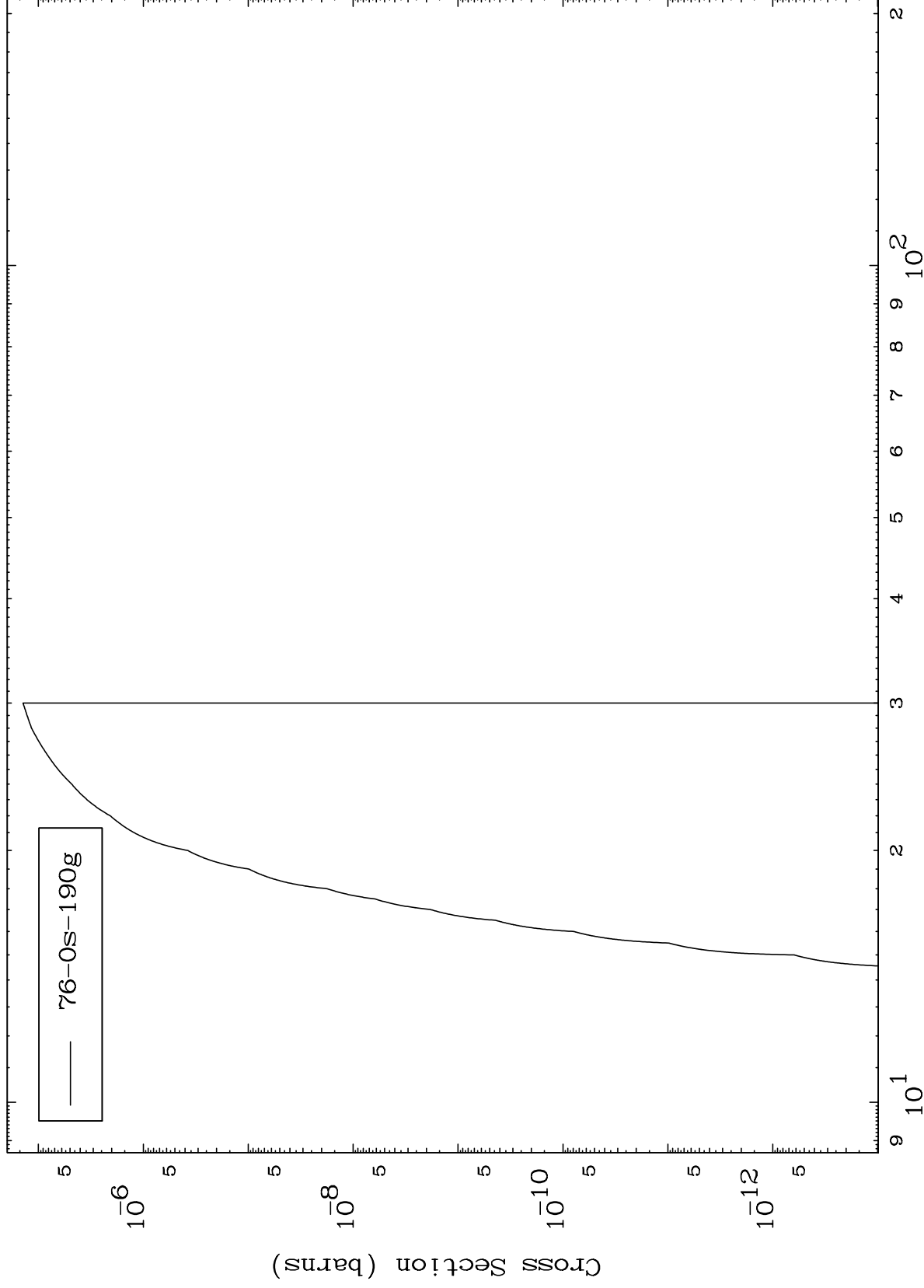
$^{77}\text{Ir-192n}$

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(n,d)

⁷⁷Ir-¹⁹²n

Radionuclide Production Cross Section



19

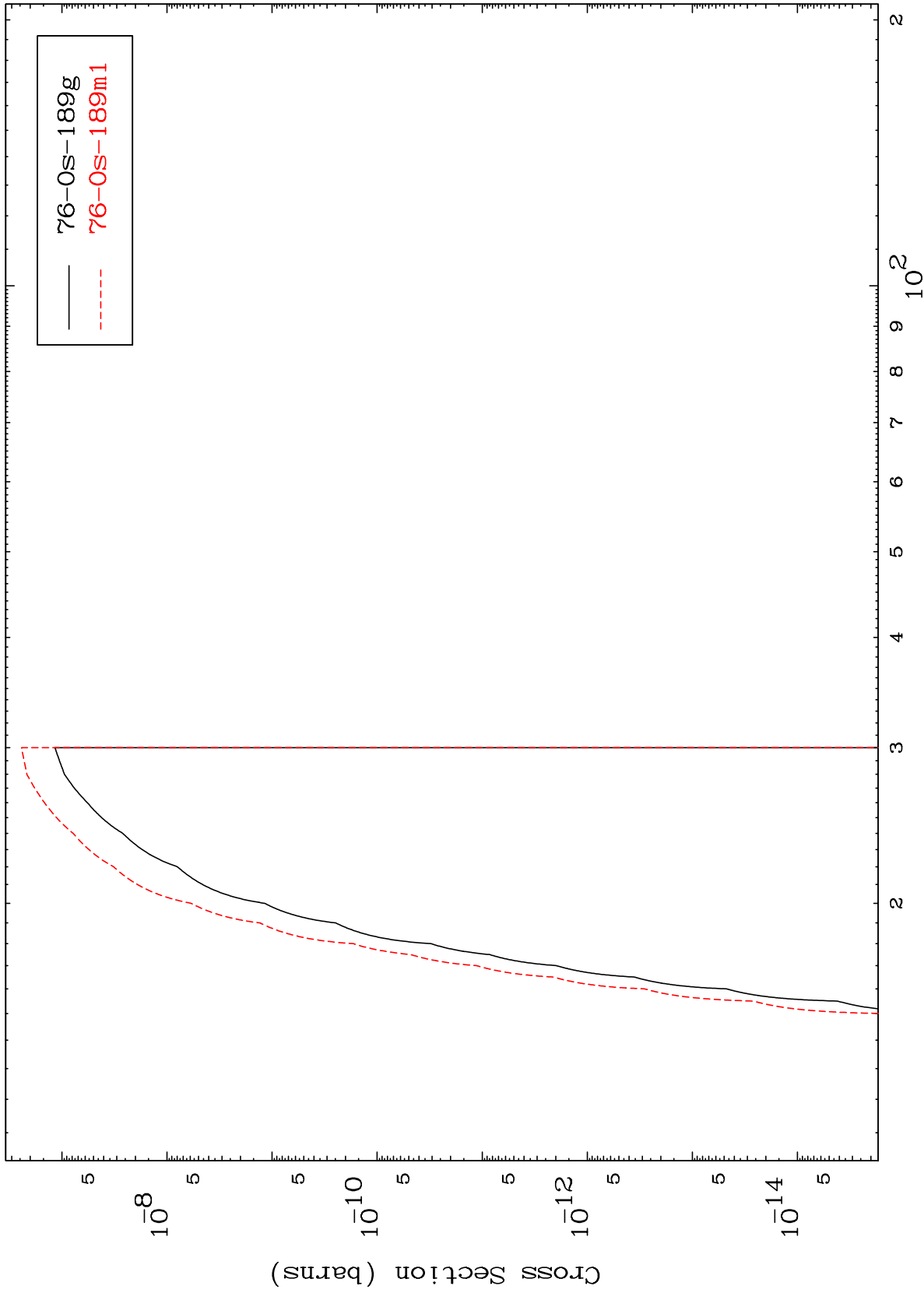
Incident Energy (MeV)

⁷⁷Ir-¹⁹²n

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⁷⁷Ir-¹⁹²n

(n, t)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

⁷⁷Ir-¹⁹²n

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(n, α)

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

Radionuclide Production Cross Section

