

Program EVALPLOT
(Version 2018-1)

by

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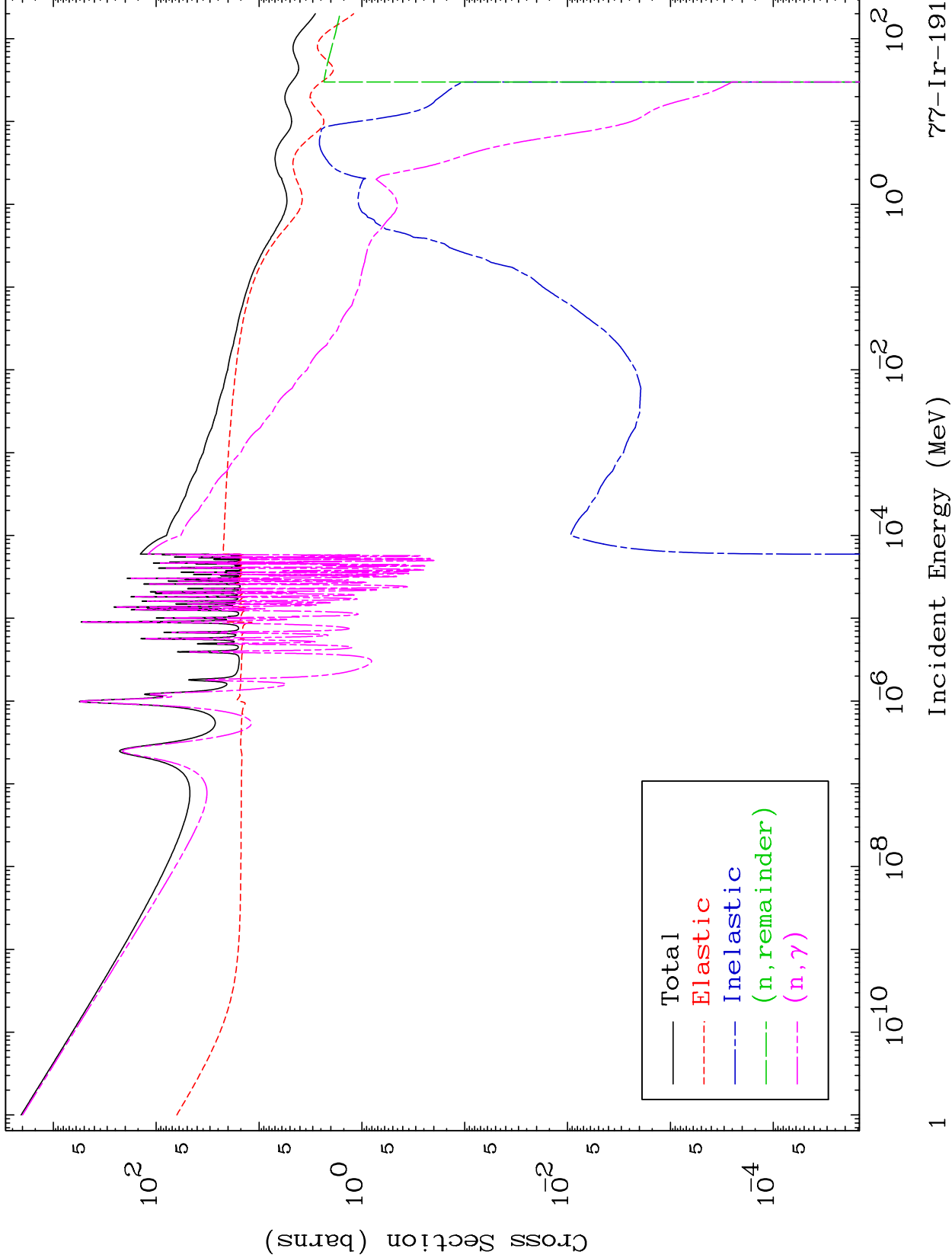
Press Mouse Button to Start

MAT 7726

Major

293 Kelvin Cross Sections

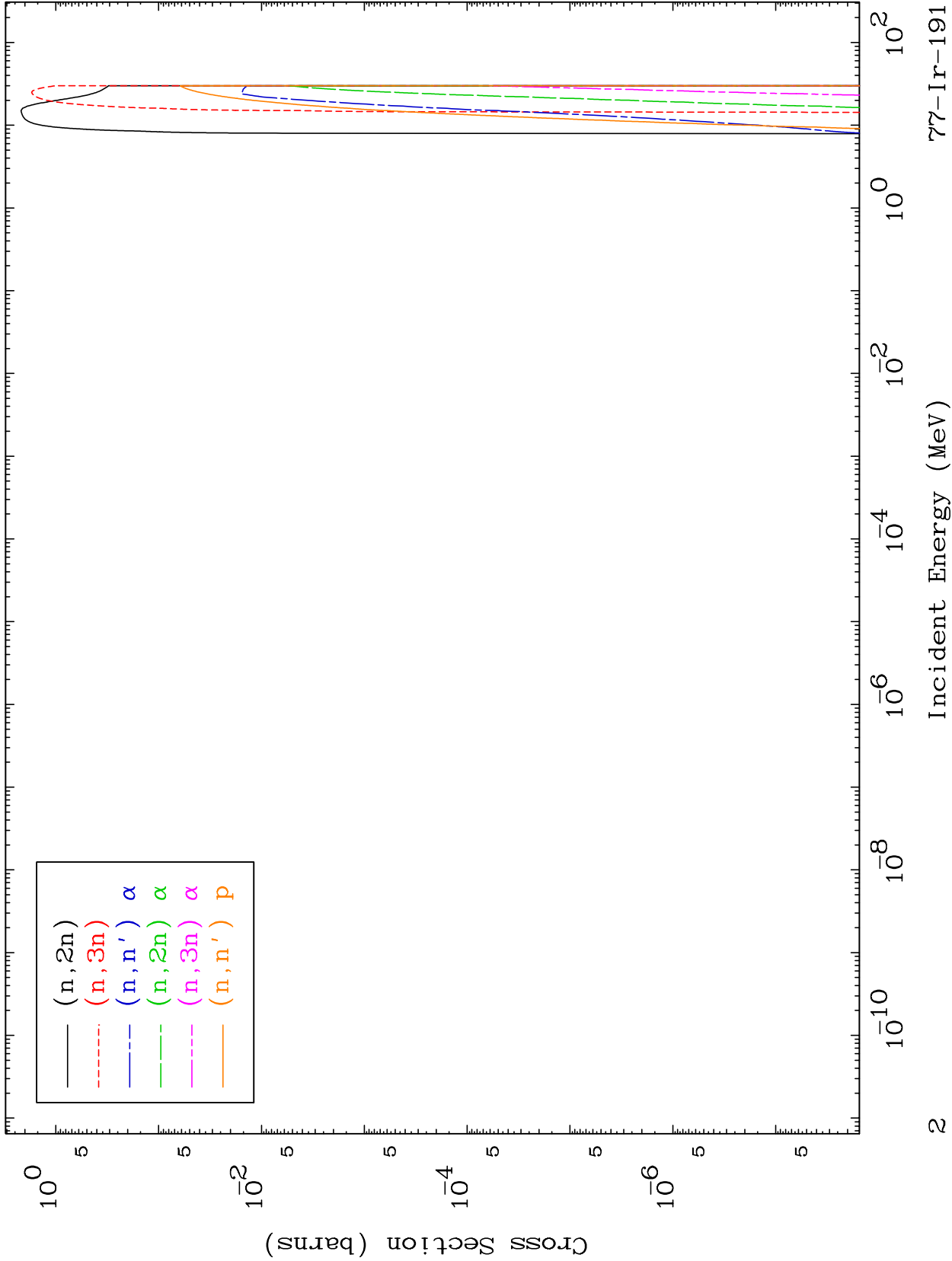
77-Ir-191



MAT 7726

Neutron Production
293 Kelvin Cross Sections

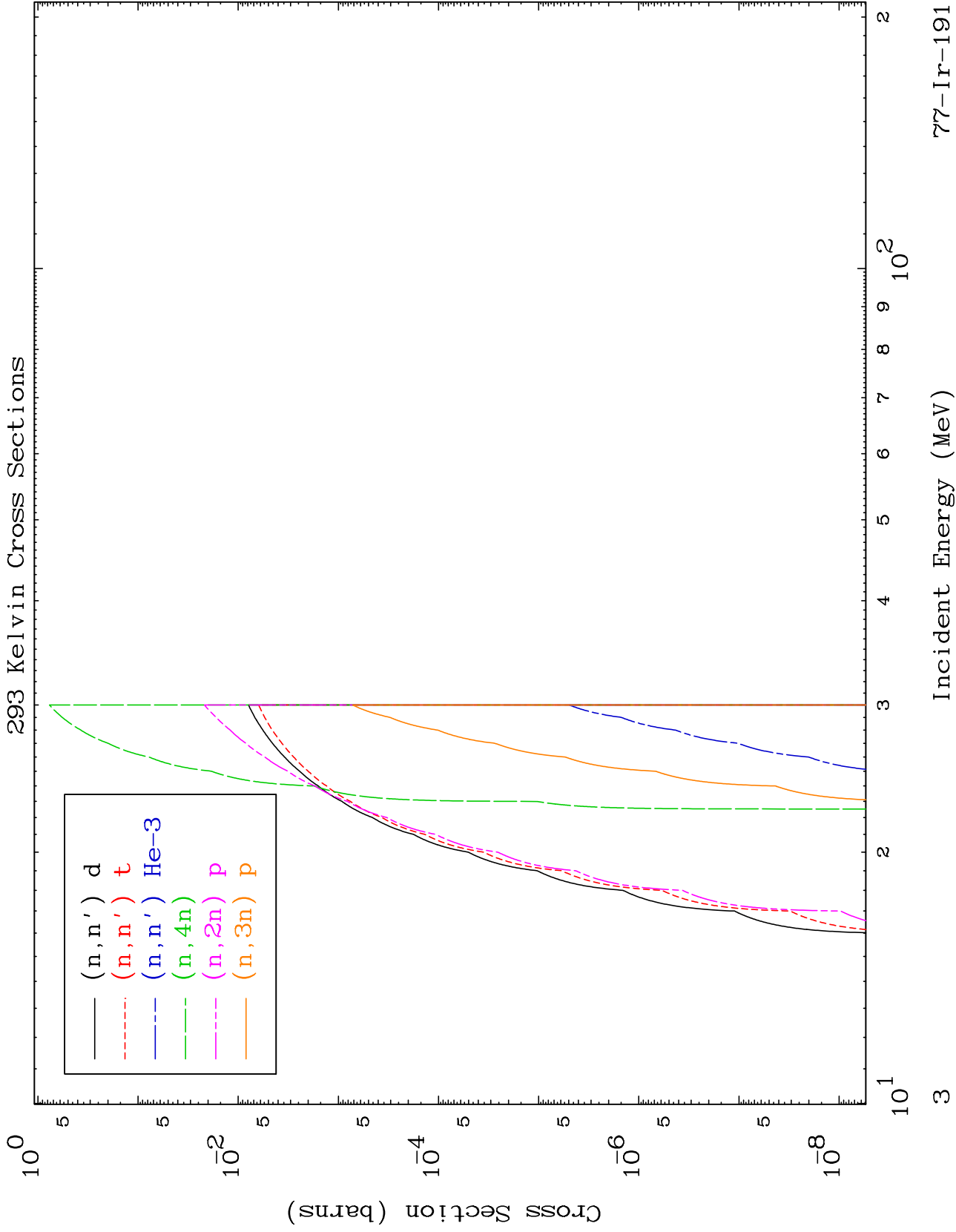
77-Ir-191



MAT 7726

Neutron Production
293 Kelvin Cross Sections

77-Ir-191



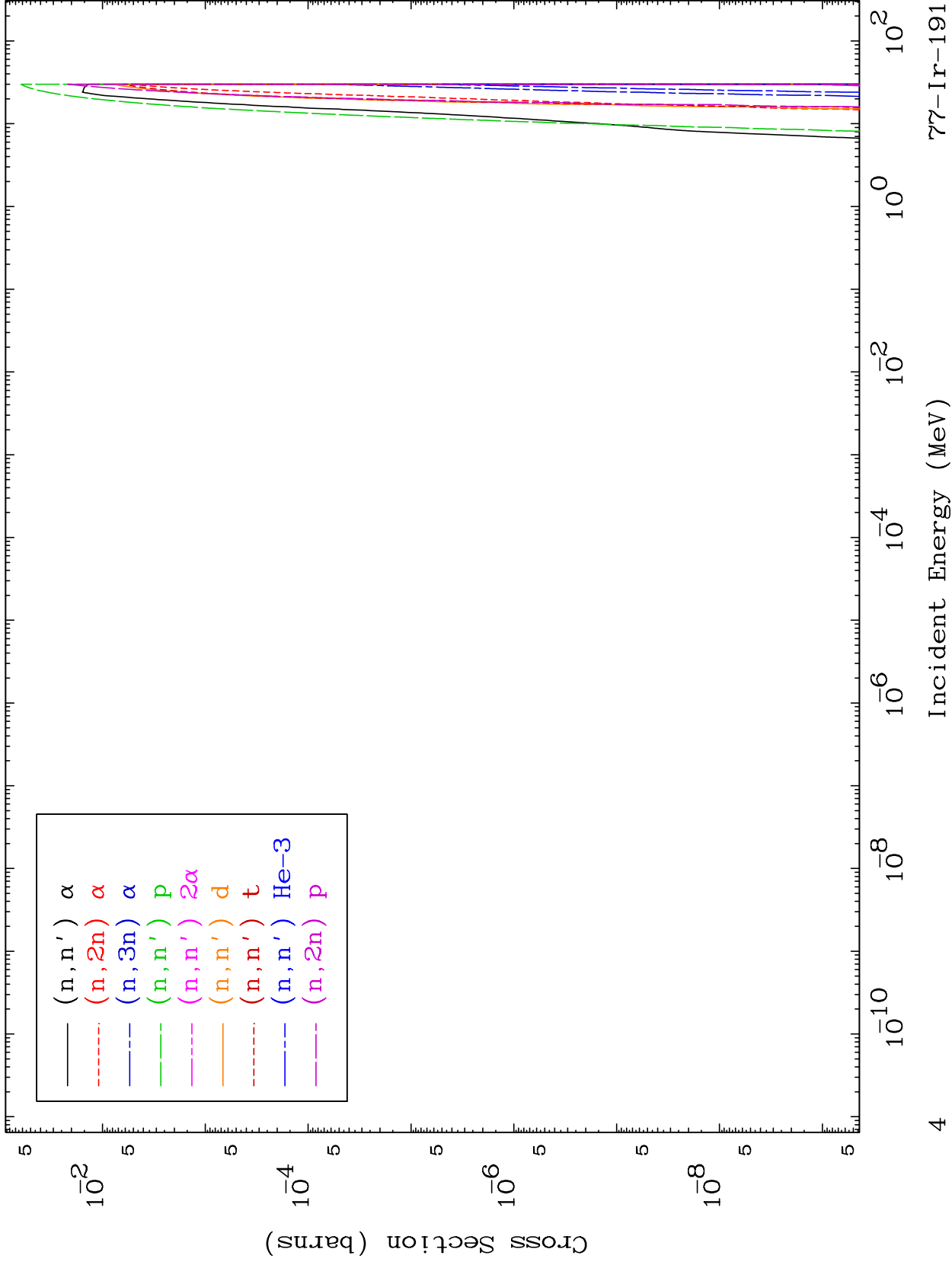
77-Ir-191

Incident Energy (MeV)

MAT 7726

Charged Particle
293 Kelvin Cross Sections

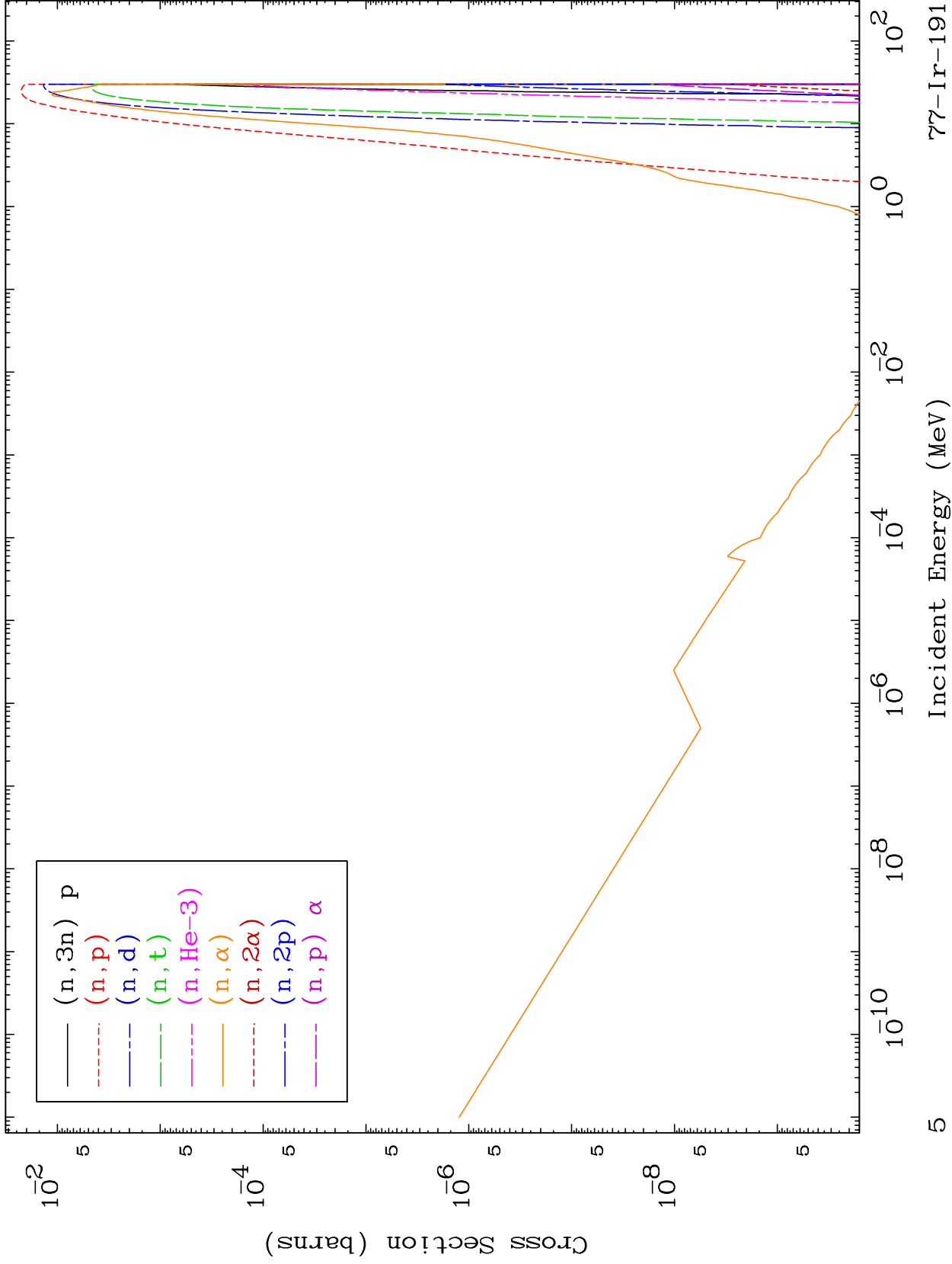
77-Ir-191



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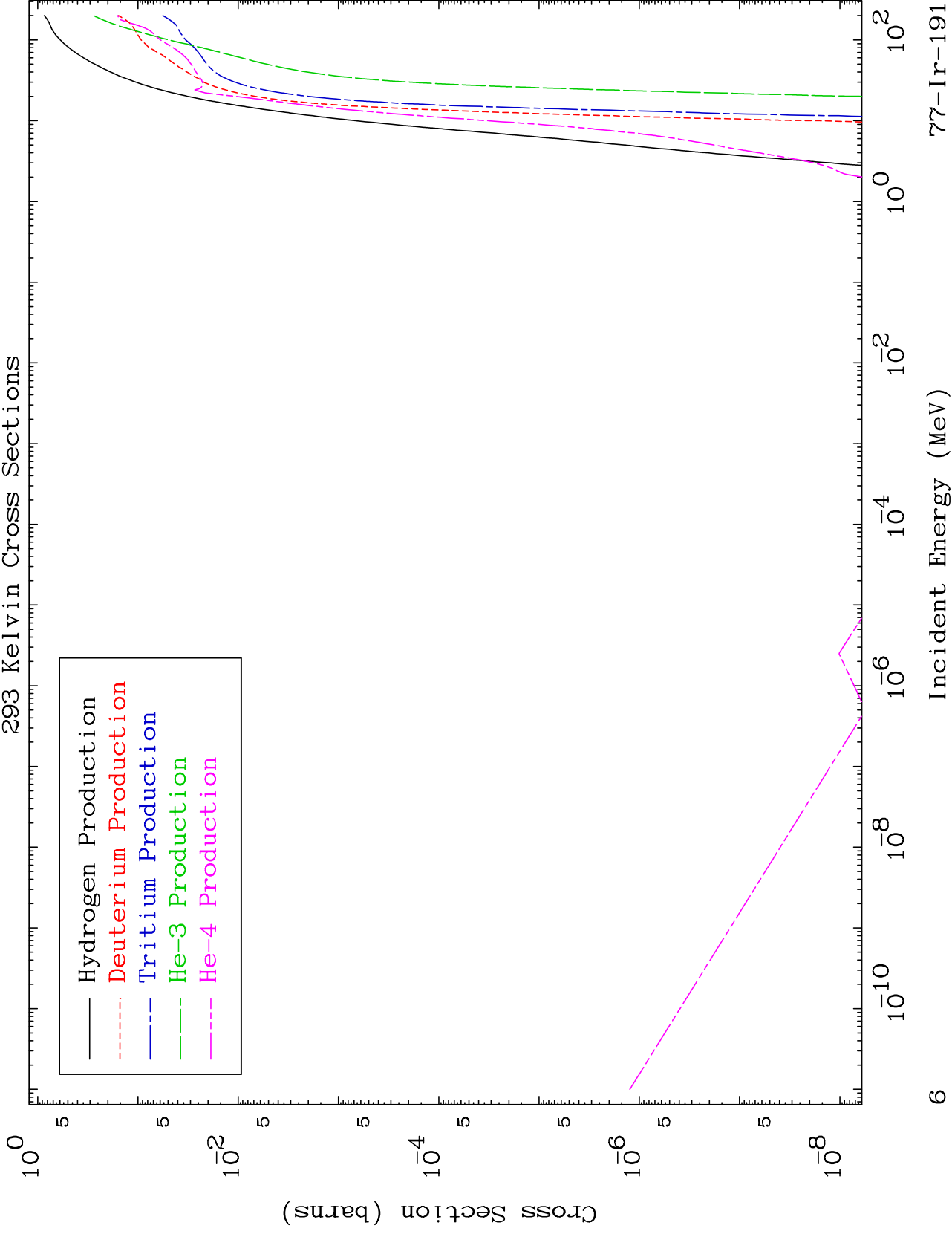
Charged Particle
293 Kelvin Cross Sections

77-Ir-191



5

77-Ir-191



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(n,n') Level

77-Ir-191

293 Kelvin Cross Sections

10^4

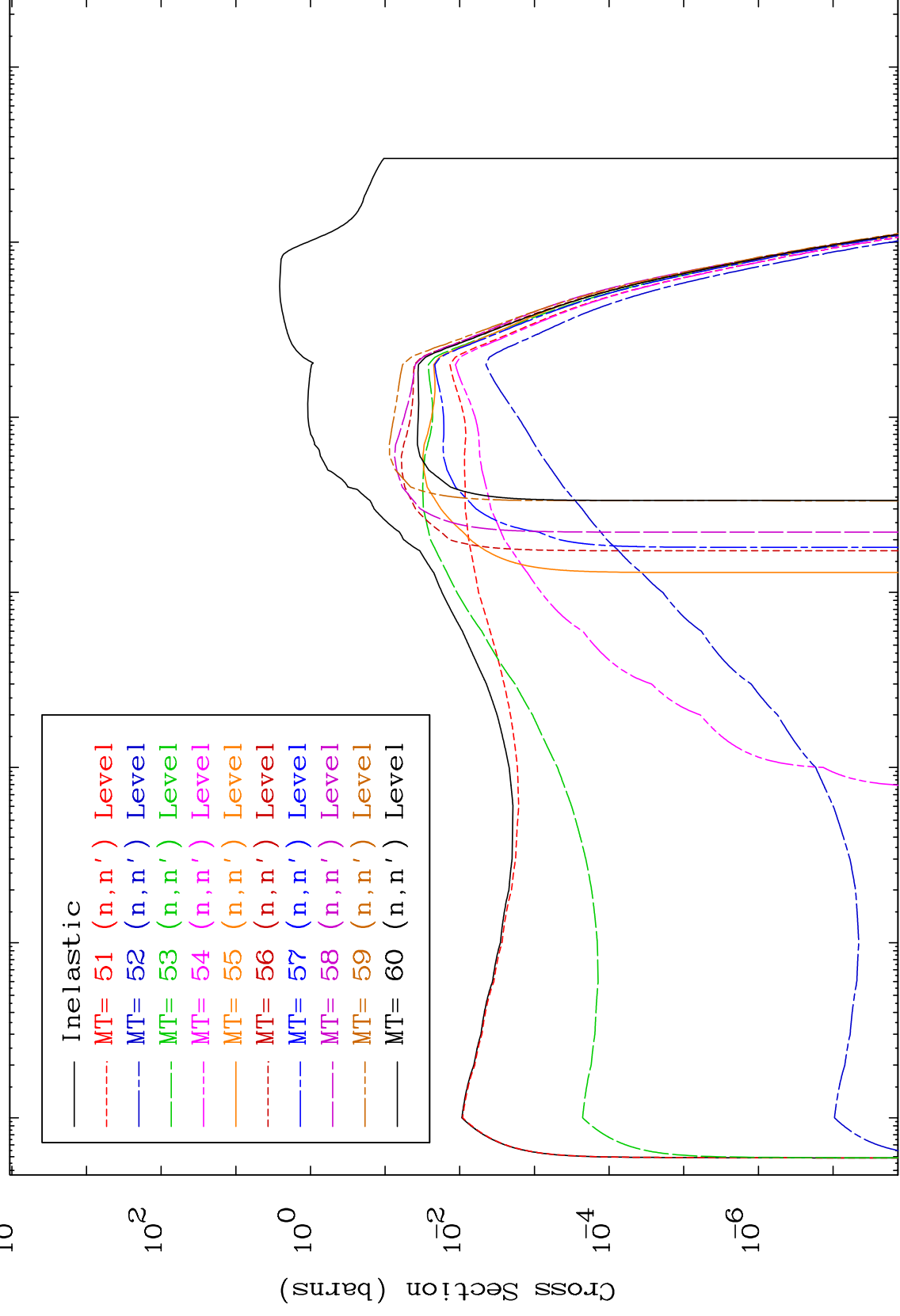
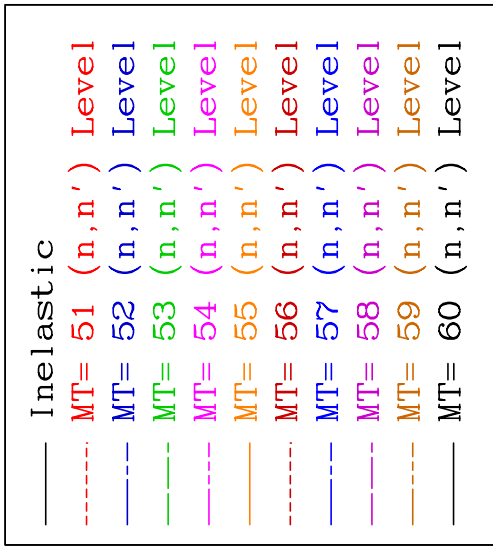
10^2

10^0

10^{-2}

10^{-4}

10^{-6}

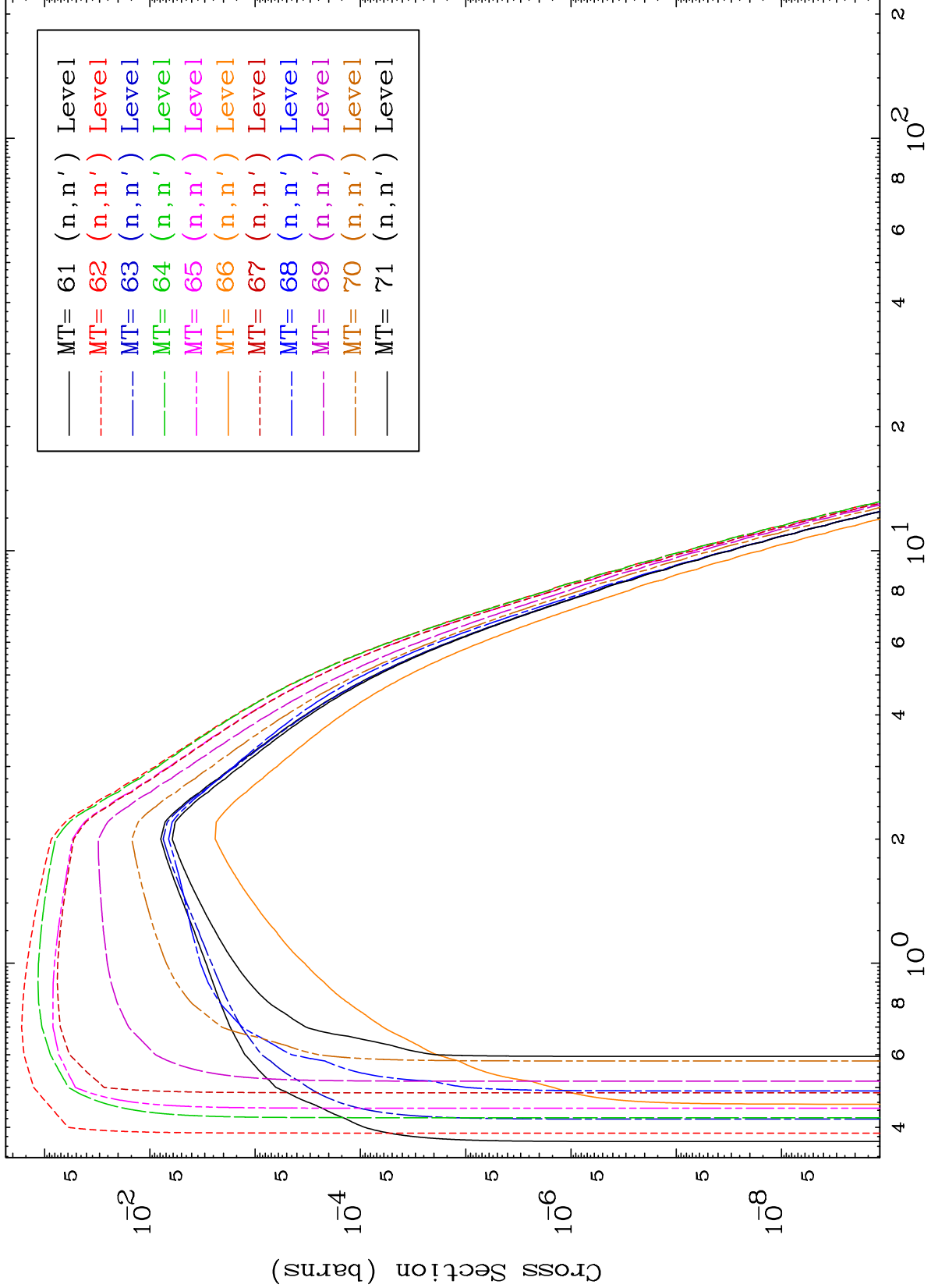


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(n,n') Level

77-Ir-191

293 Kelvin Cross Sections



Incident Energy (MeV)

77-Ir-191

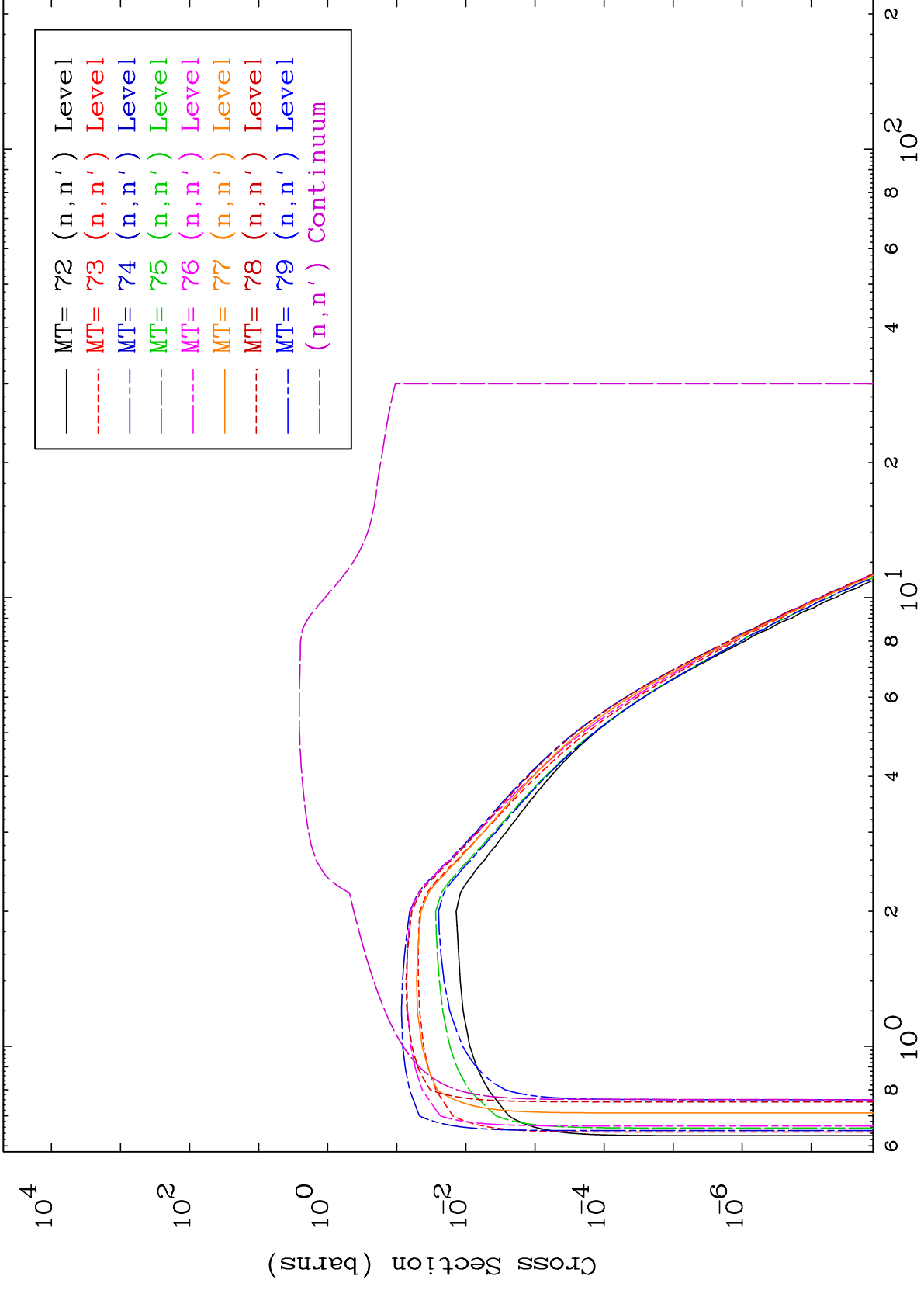
8

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(n,n') Level

77-Ir-191

293 Kelvin Cross Sections



9

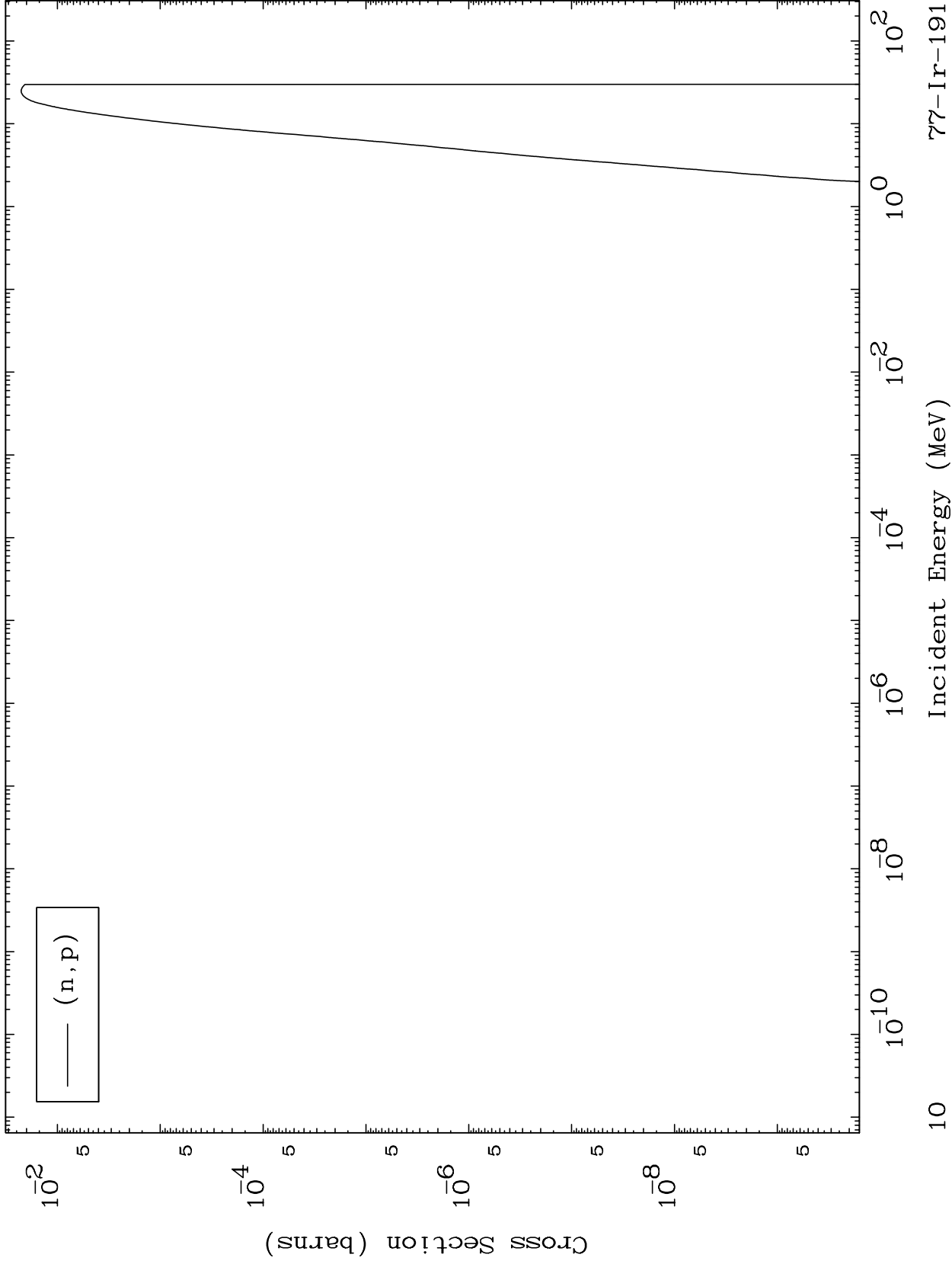
Incident Energy (MeV)

77-Ir-191

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(n,p) Levels
293 Kelvin Cross Sections

77-Ir-191



10

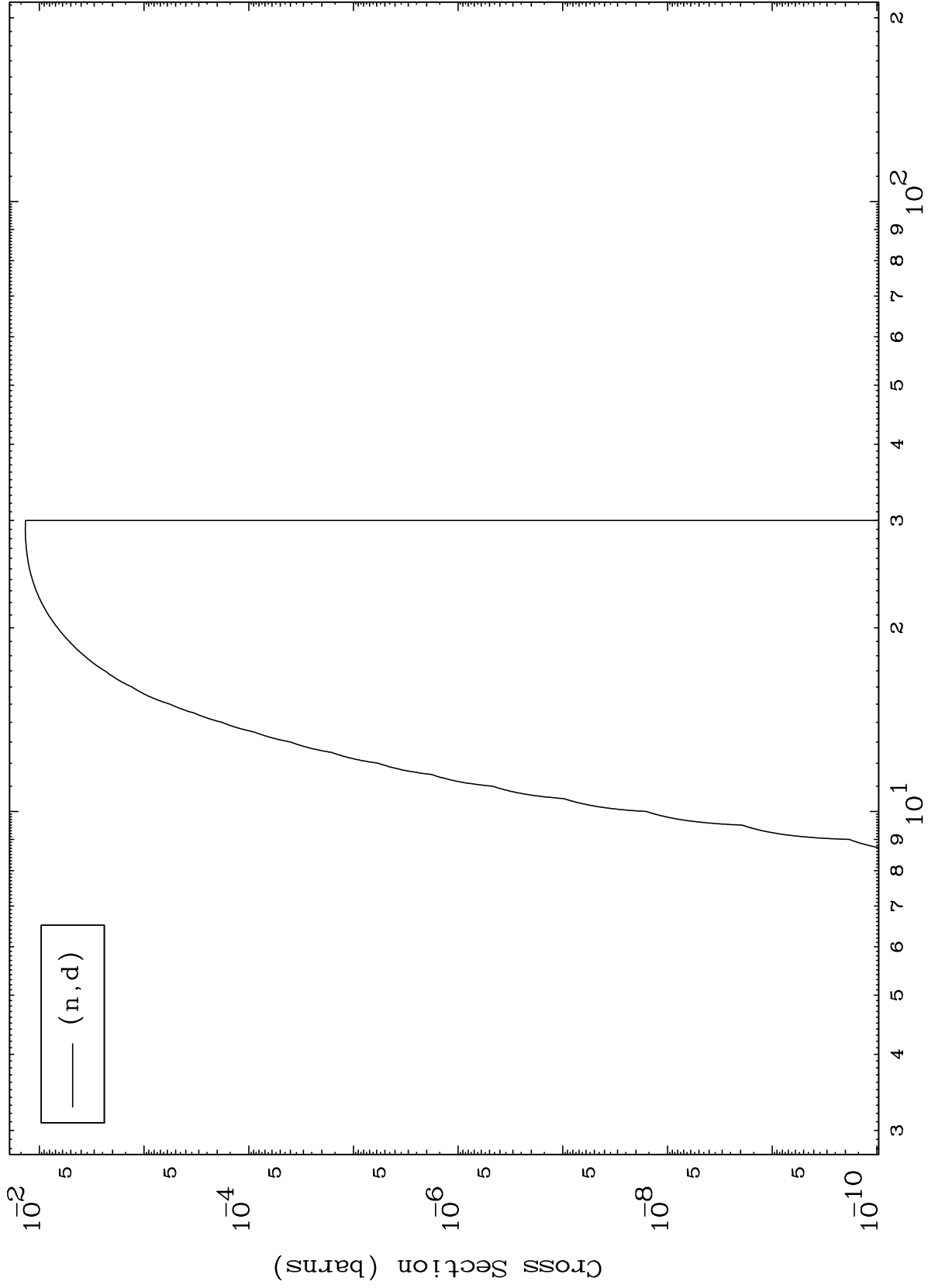
Incident Energy (MeV)

77-Ir-191

MAT 7726

(n,d) Levels
293 Kelvin Cross Sections

77-Ir-191



11

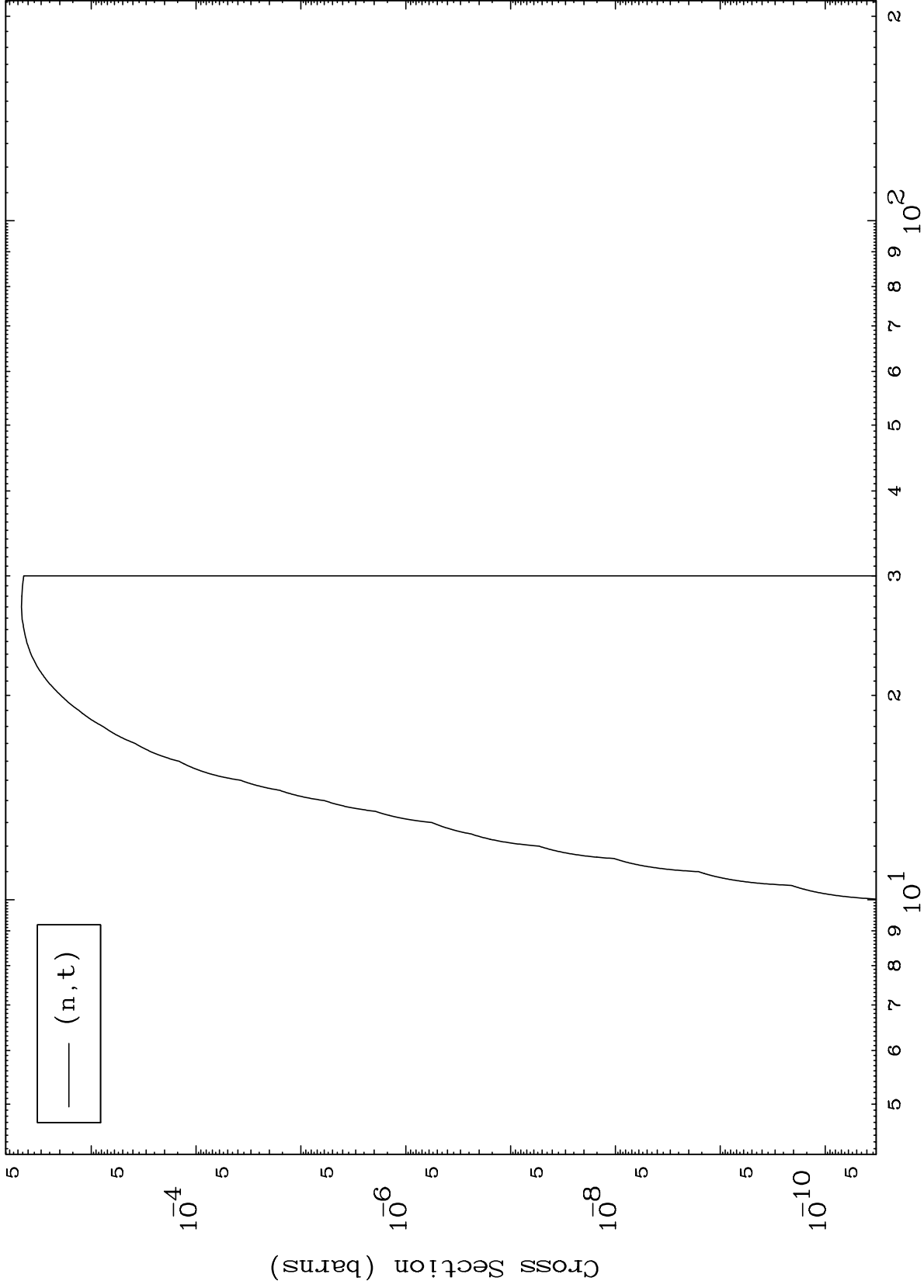
Incident Energy (MeV)

77-Ir-191

MAT 7726

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-191



12

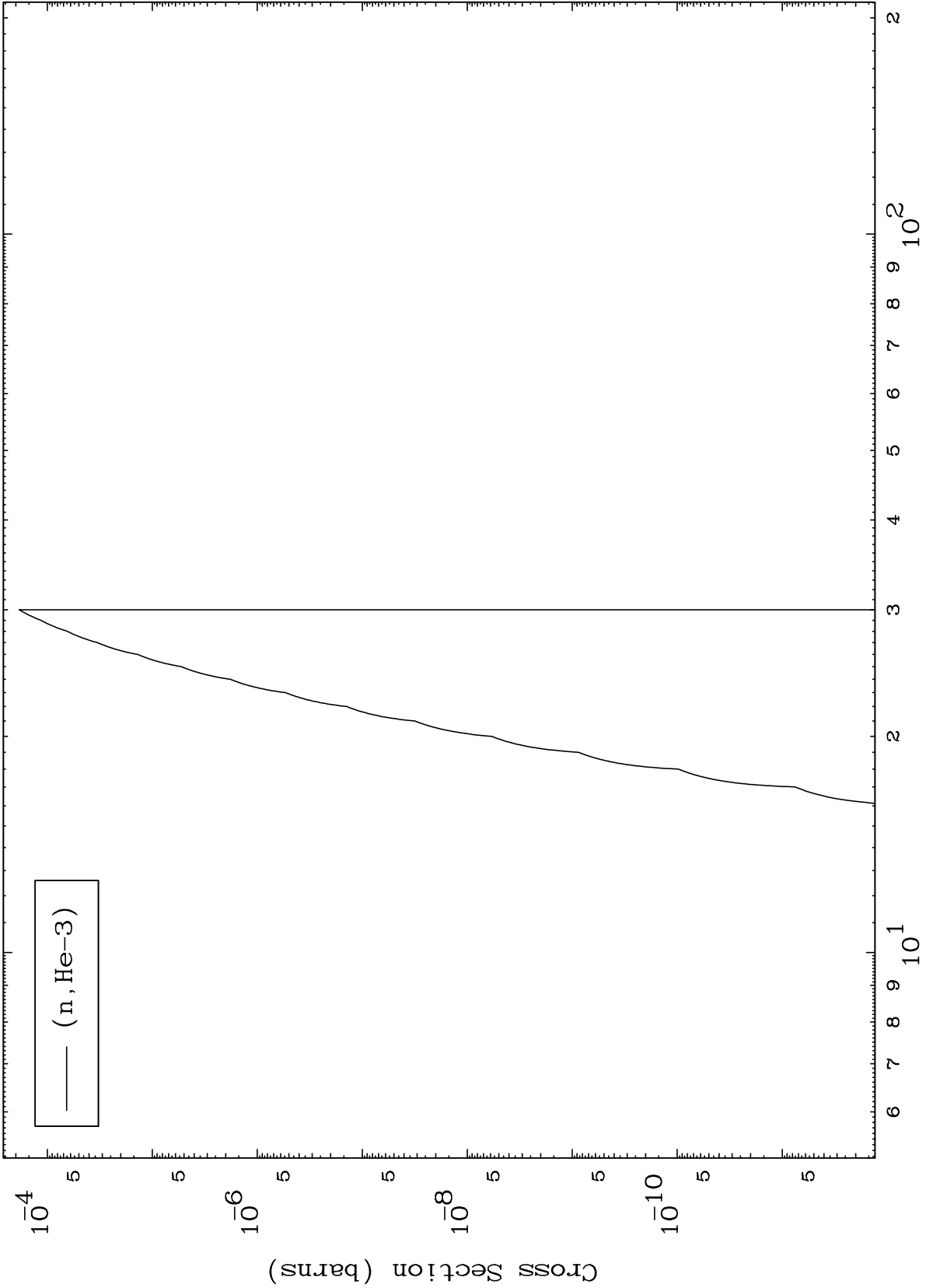
Incident Energy (MeV)

77-Ir-191

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77-Ir-191

(n,He3) Levels
293 Kelvin Cross Sections



77-Ir-191

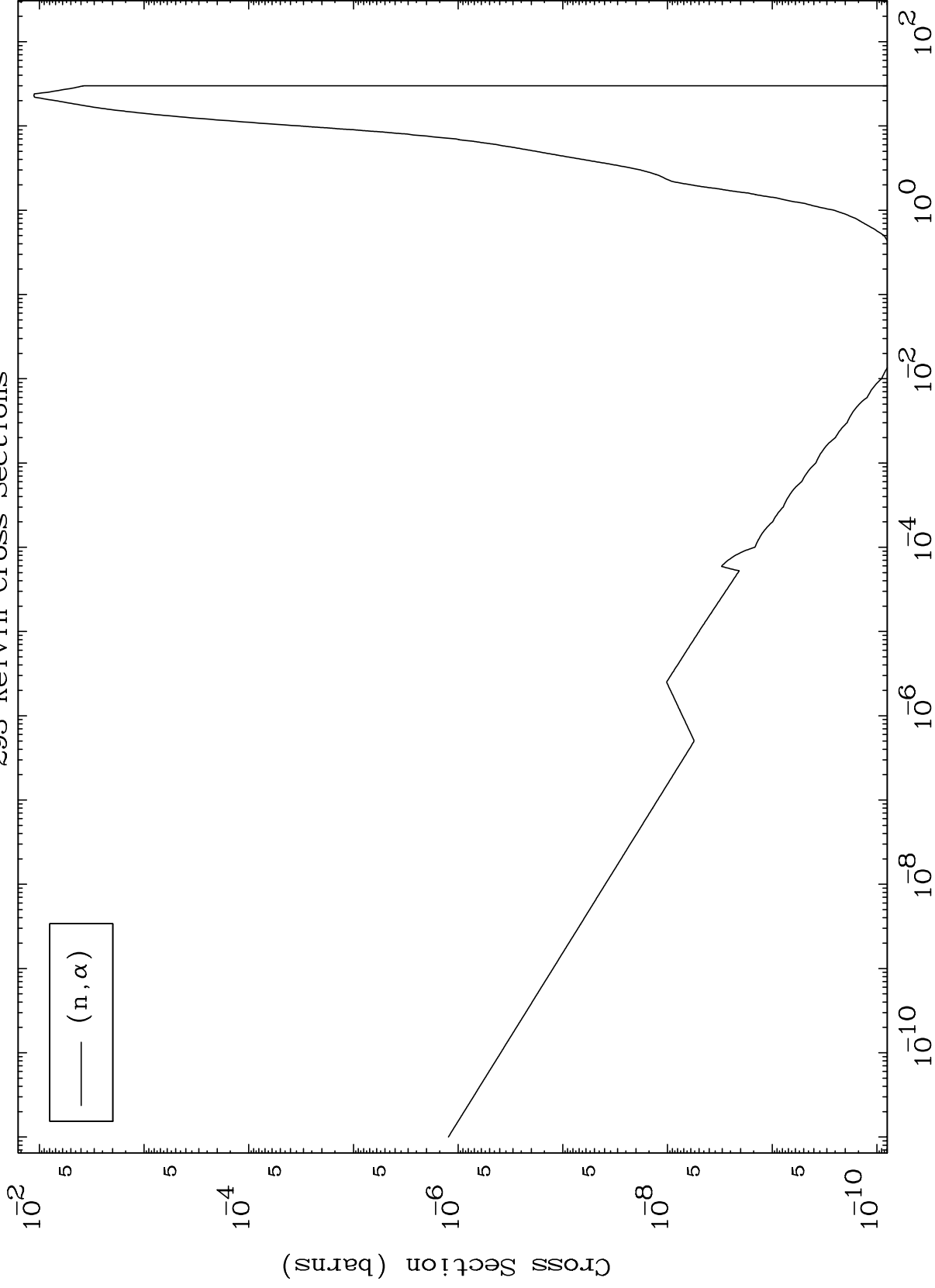
Incident Energy (MeV)

13

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(n, α) Levels
293 Kelvin Cross Sections

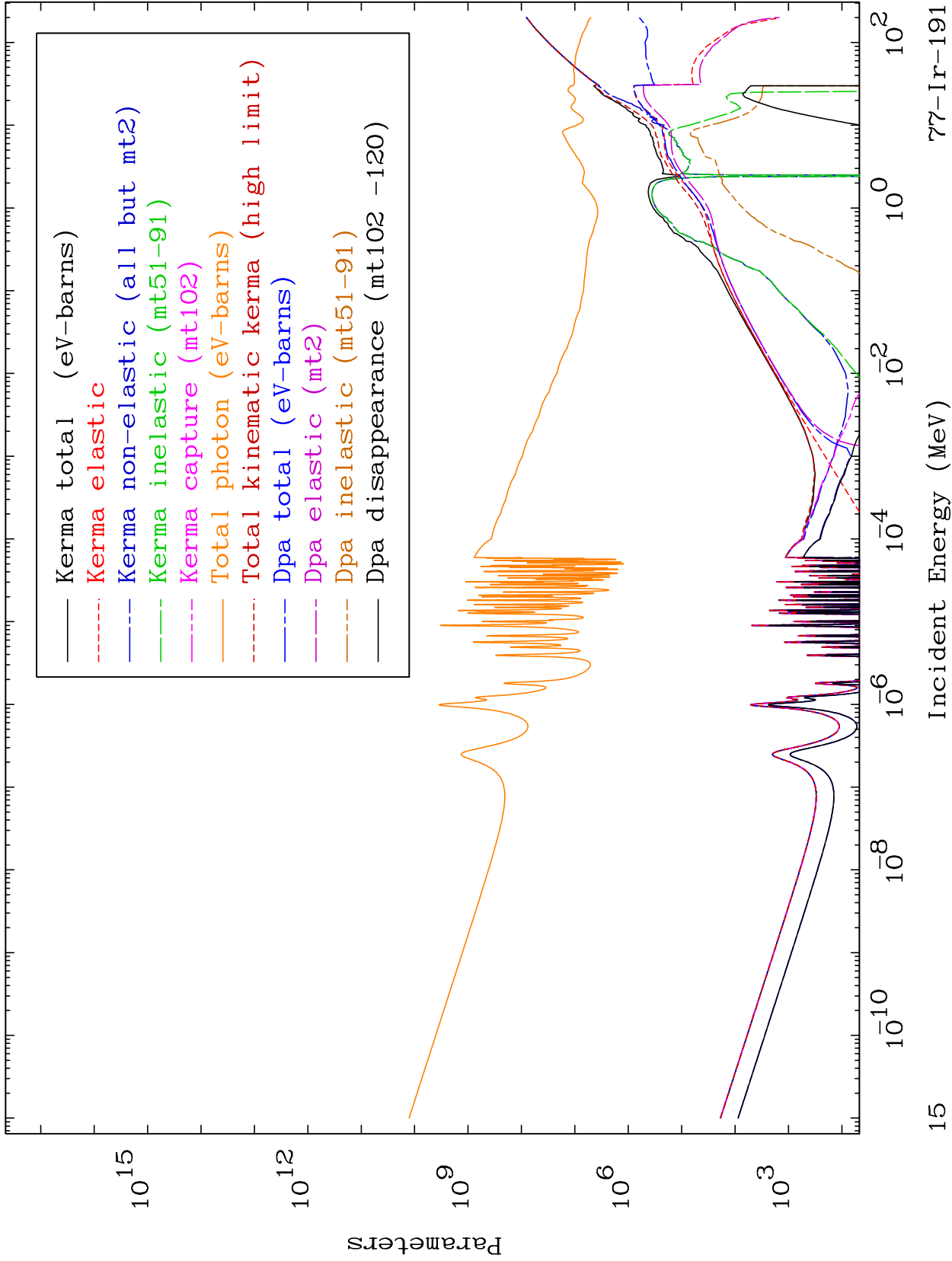
77-Ir-191



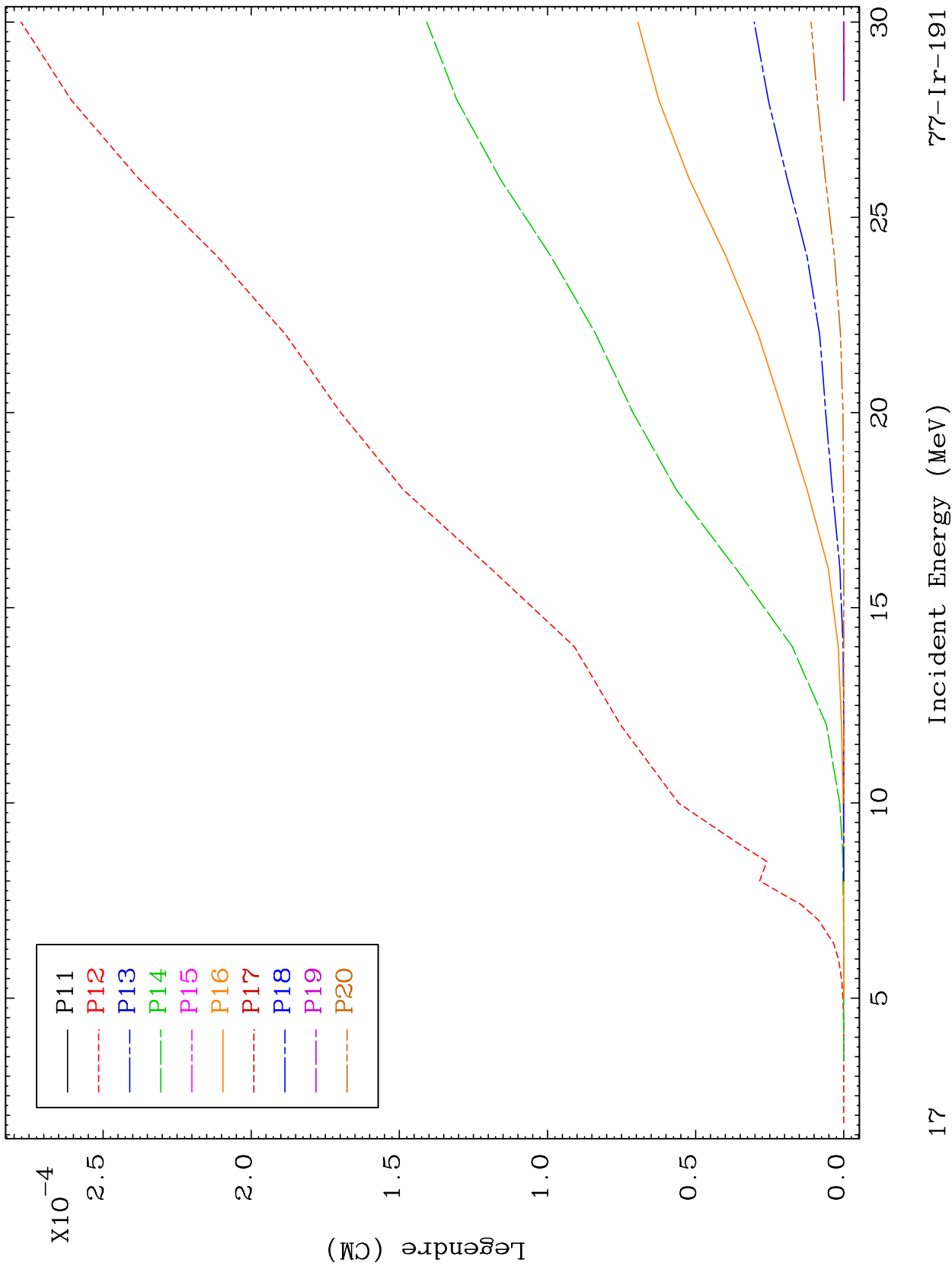
14

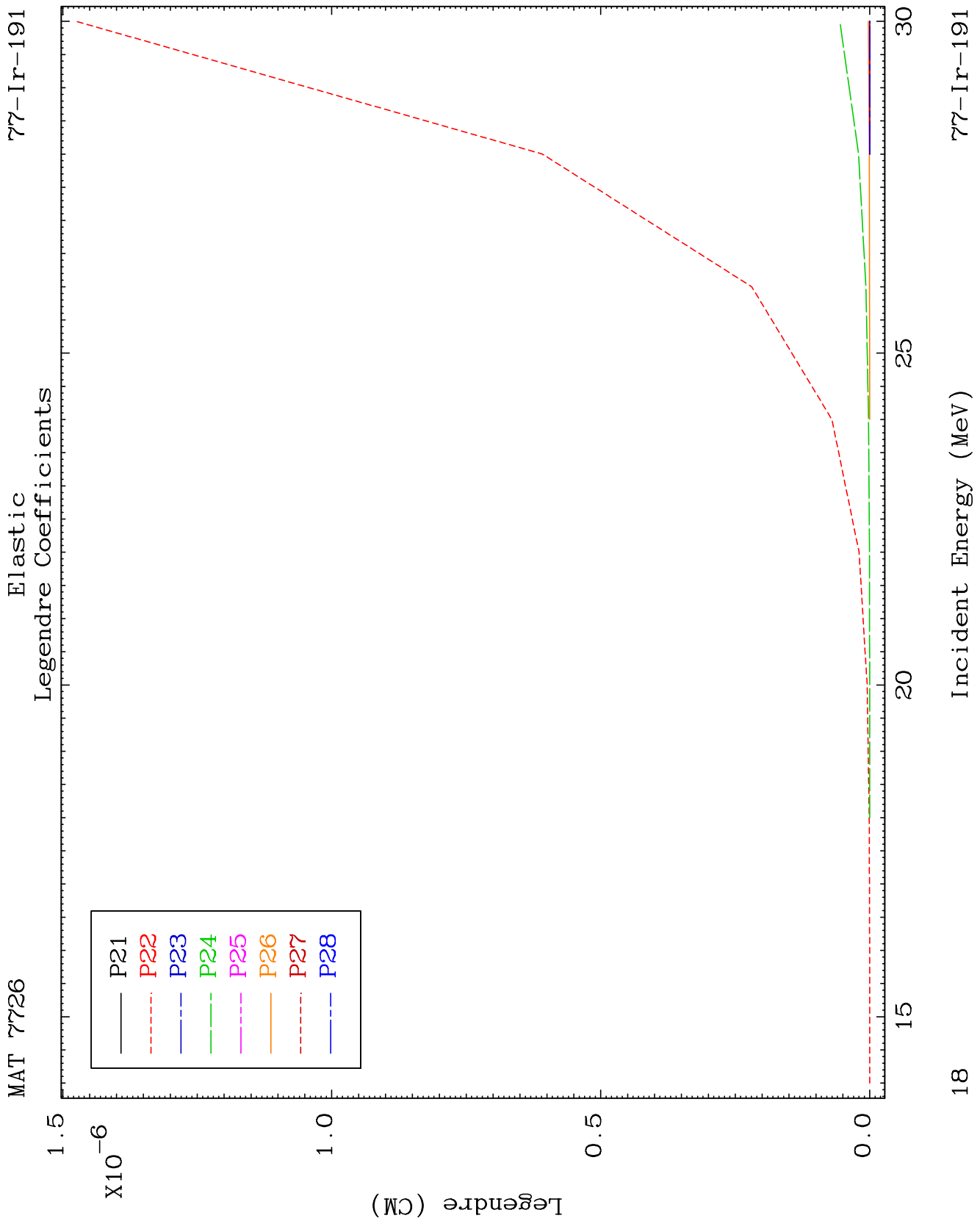
Incident Energy (MeV)

77-Ir-191



Elastic Legendre Coefficients

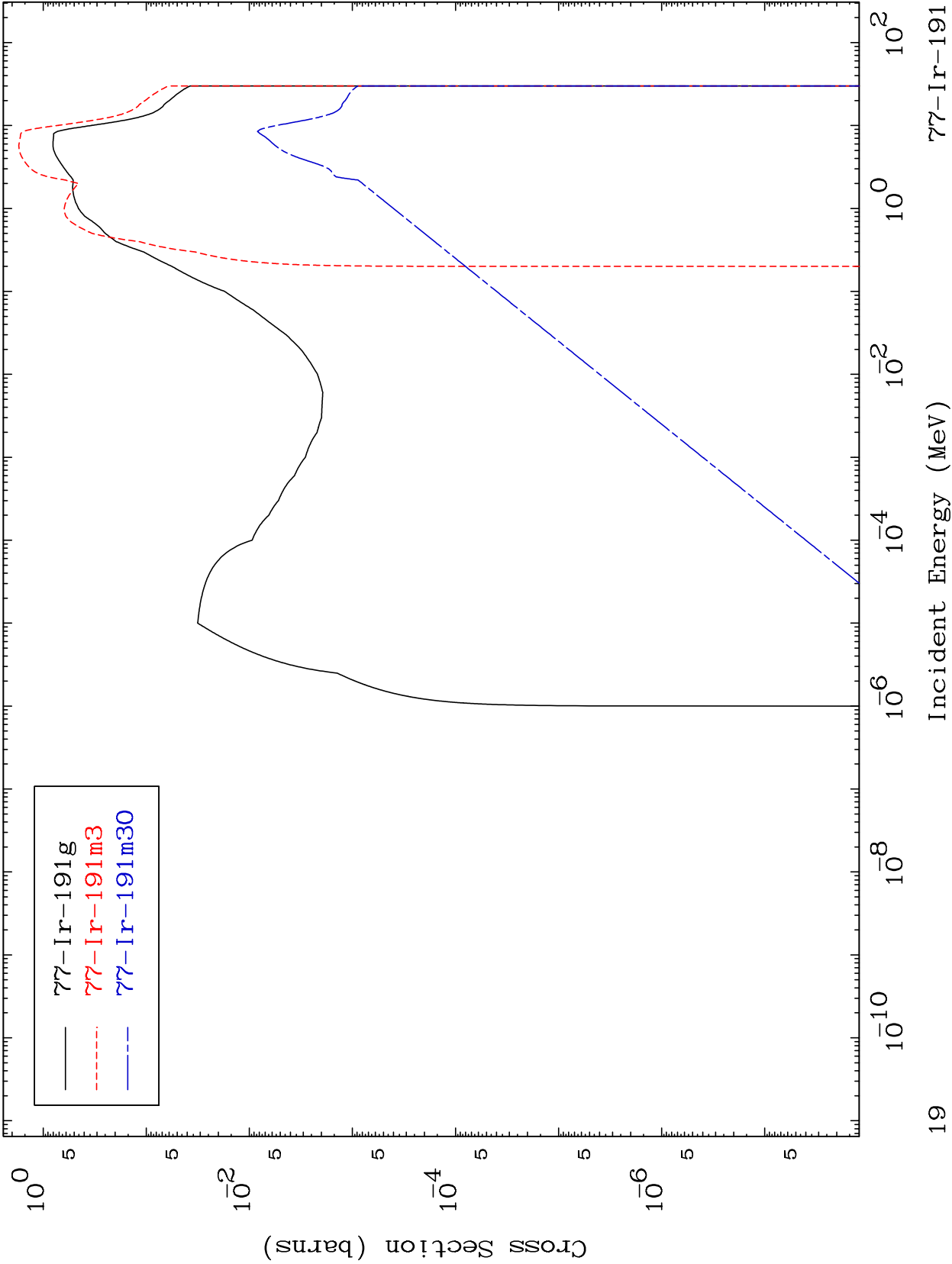




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⁷⁷Ir-191

Inelastic Radionuclide Production Cross Section

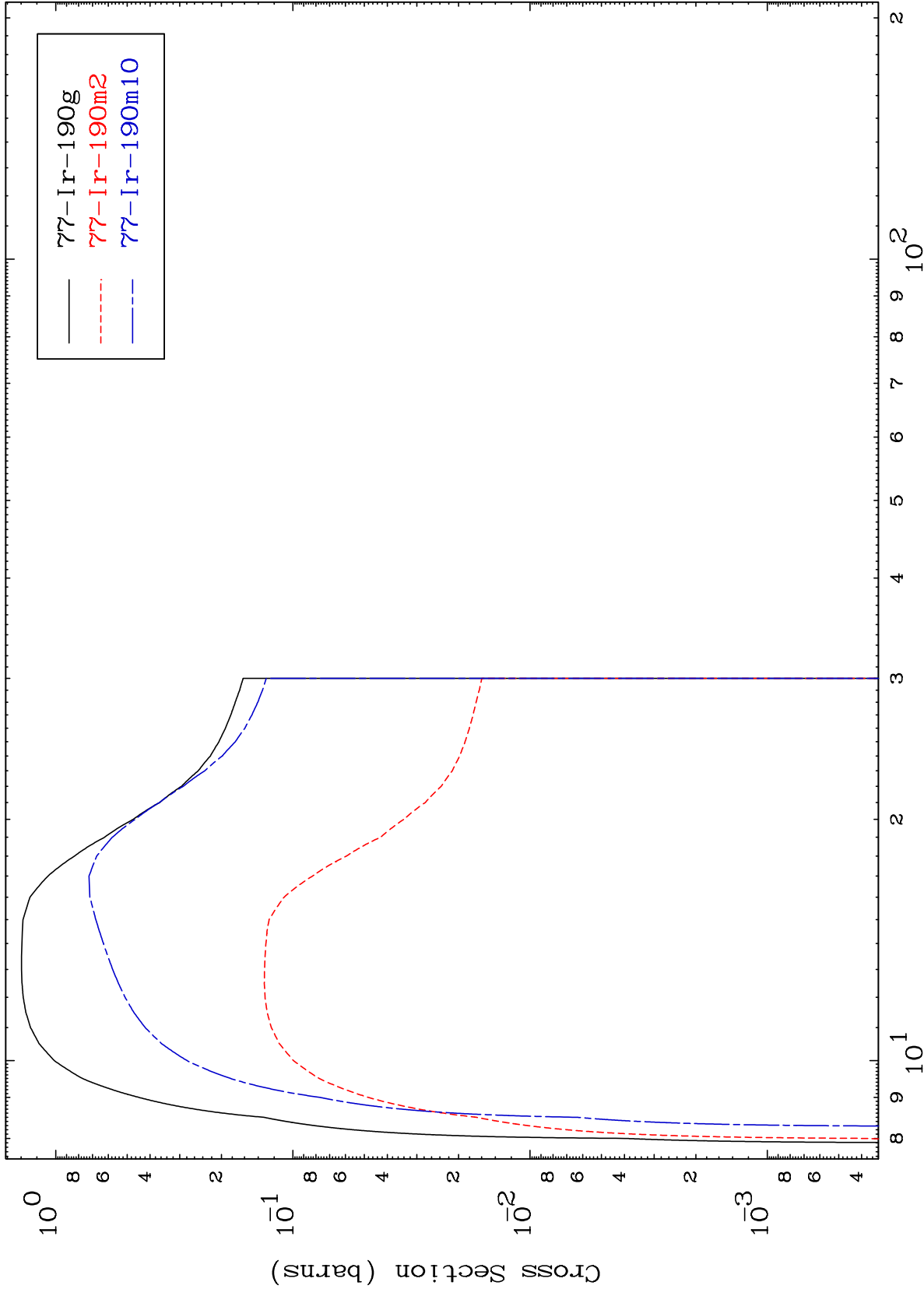


— ⁷⁷Ir-191g
- - - ⁷⁷Ir-191m3
- · - ⁷⁷Ir-191m30

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77-Ir-191

(n,2n)
Radionuclide Production Cross Section



77-Ir-191

Incident Energy (MeV)

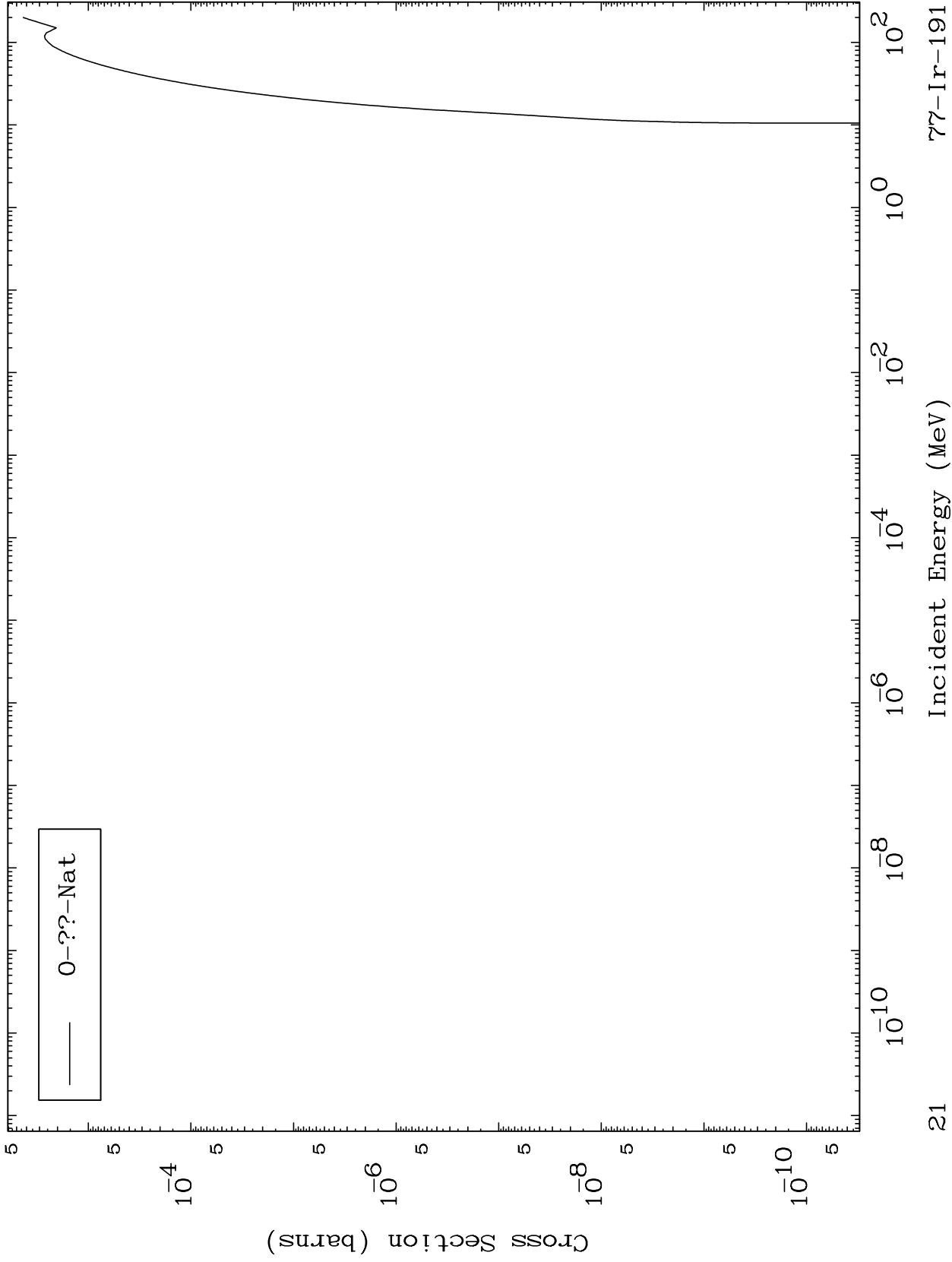
20

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Fission

⁷⁷Ir-191

Radionuclide Production Cross Section

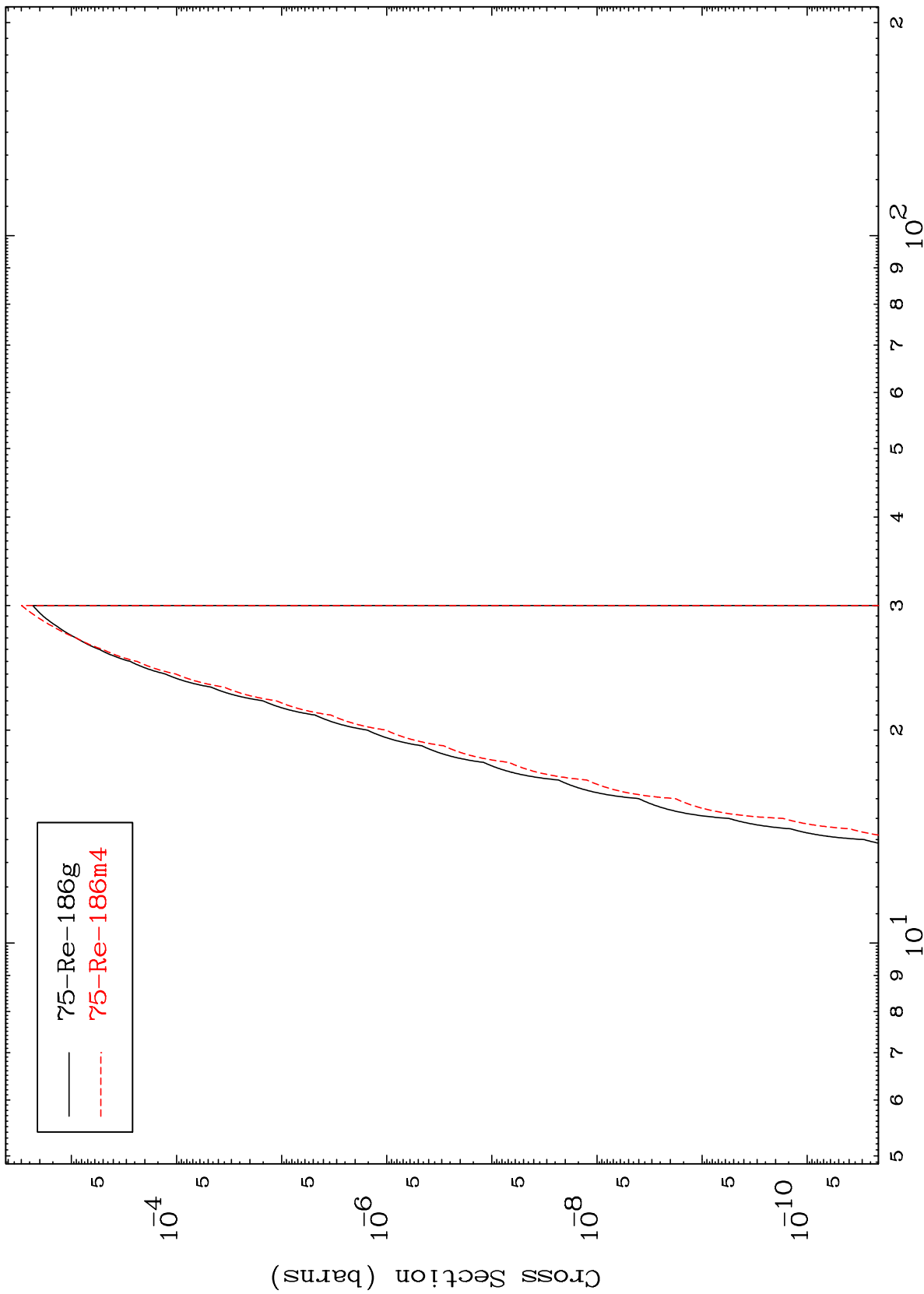


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$^{77}\text{Ir-191}$ α

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

Radionuclide Production Cross Section

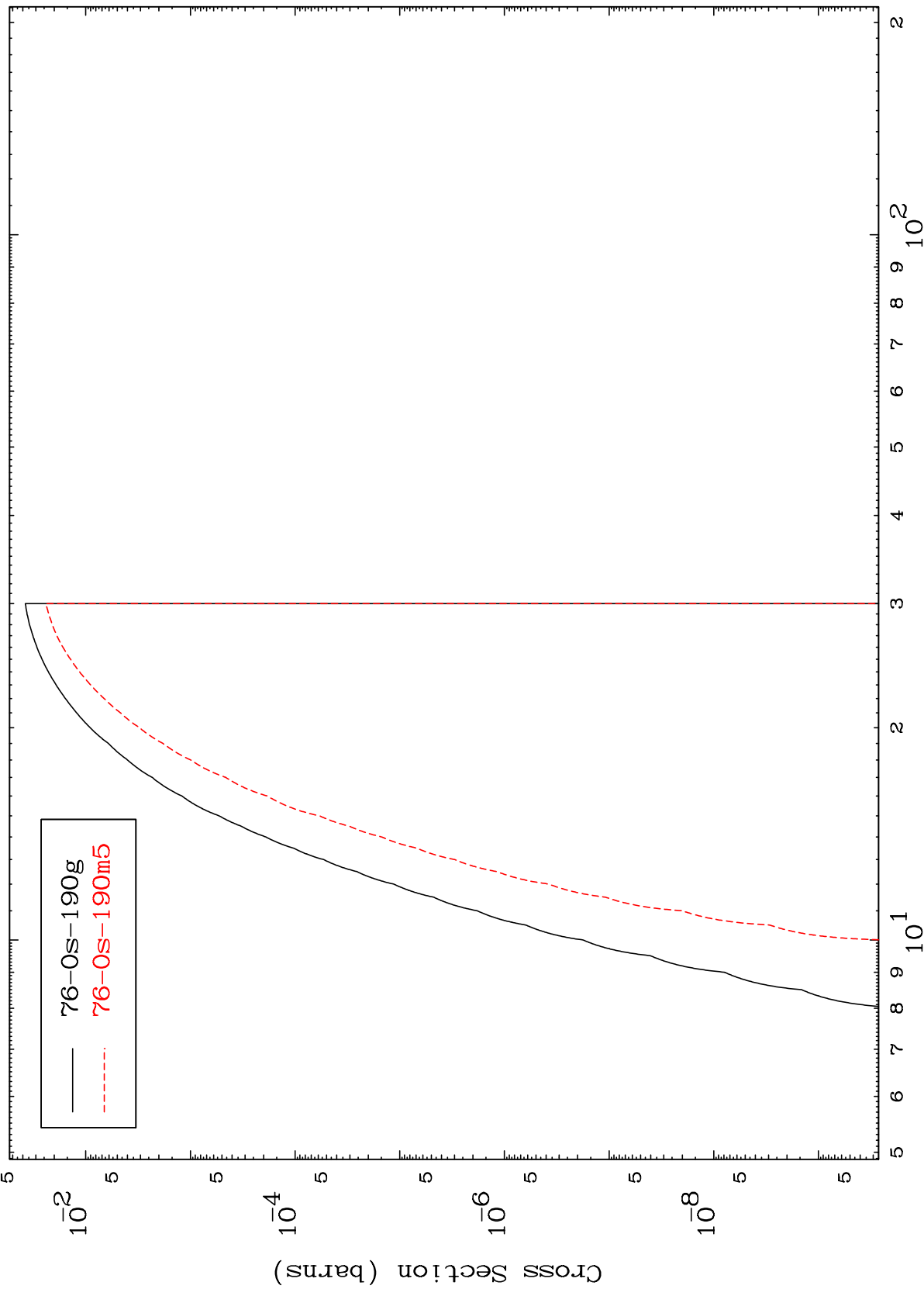


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⁷⁷Ir-191

(n,n') p

Radionuclide Production Cross Section

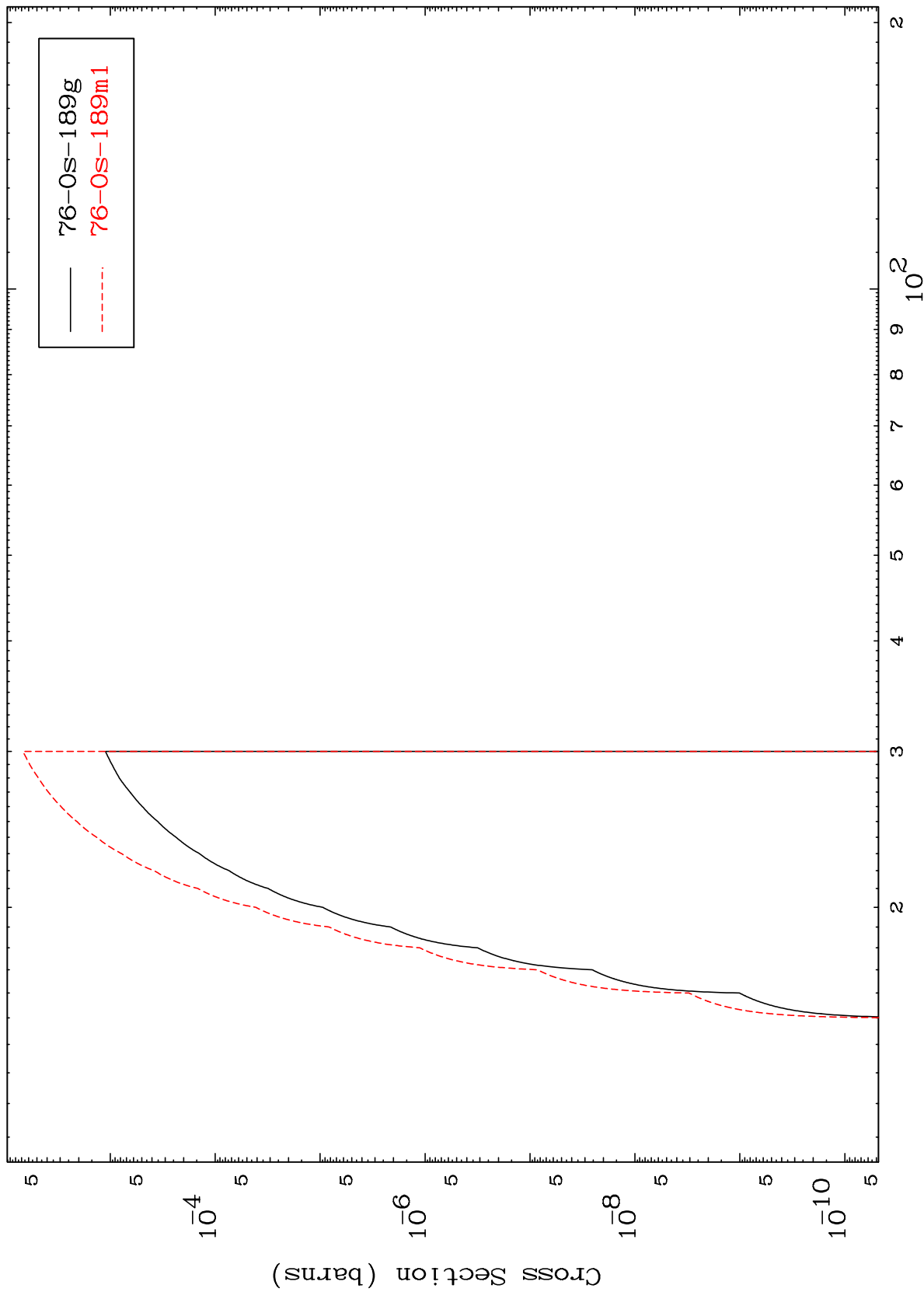


23

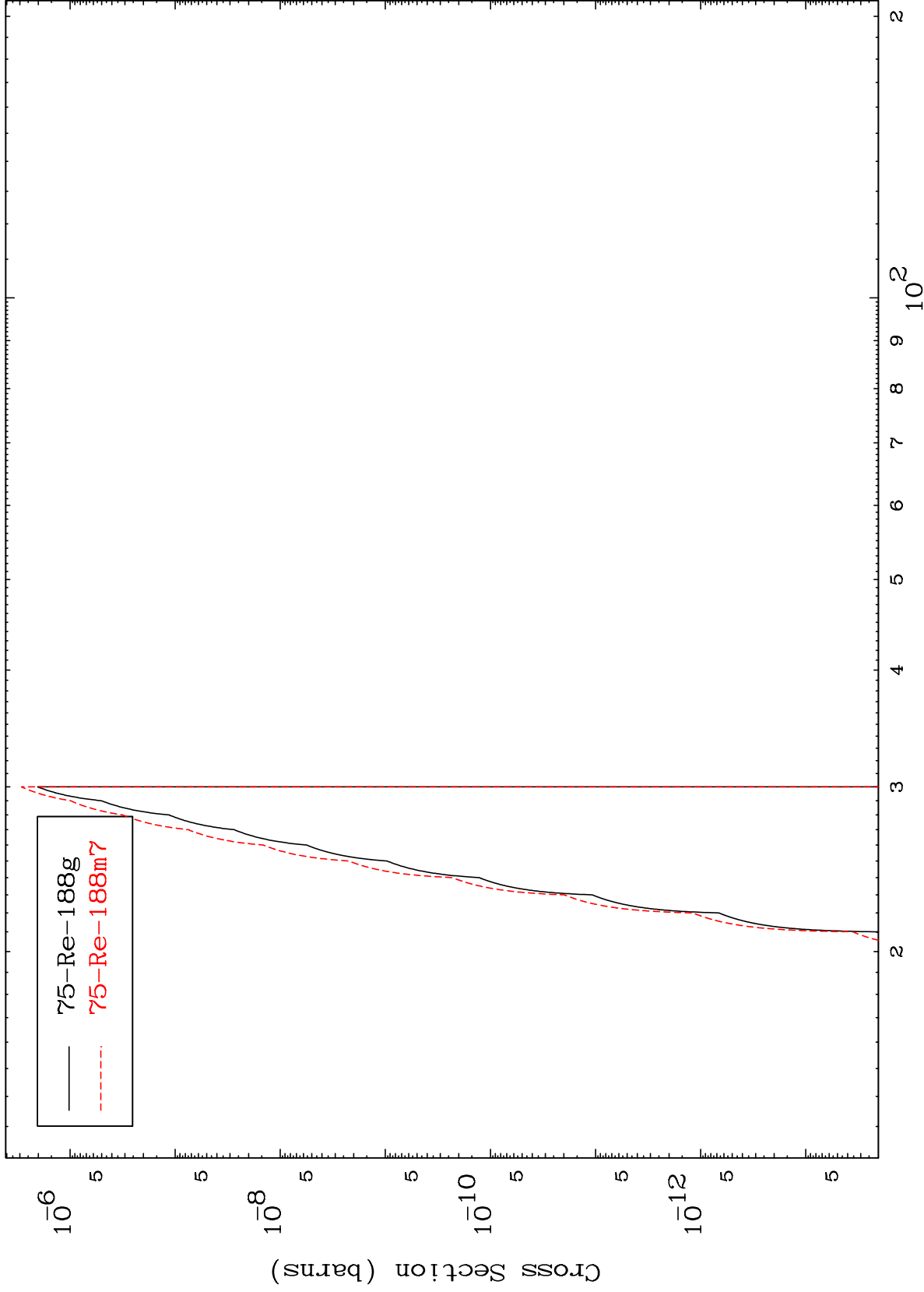
Incident Energy (MeV)

⁷⁷Ir-191

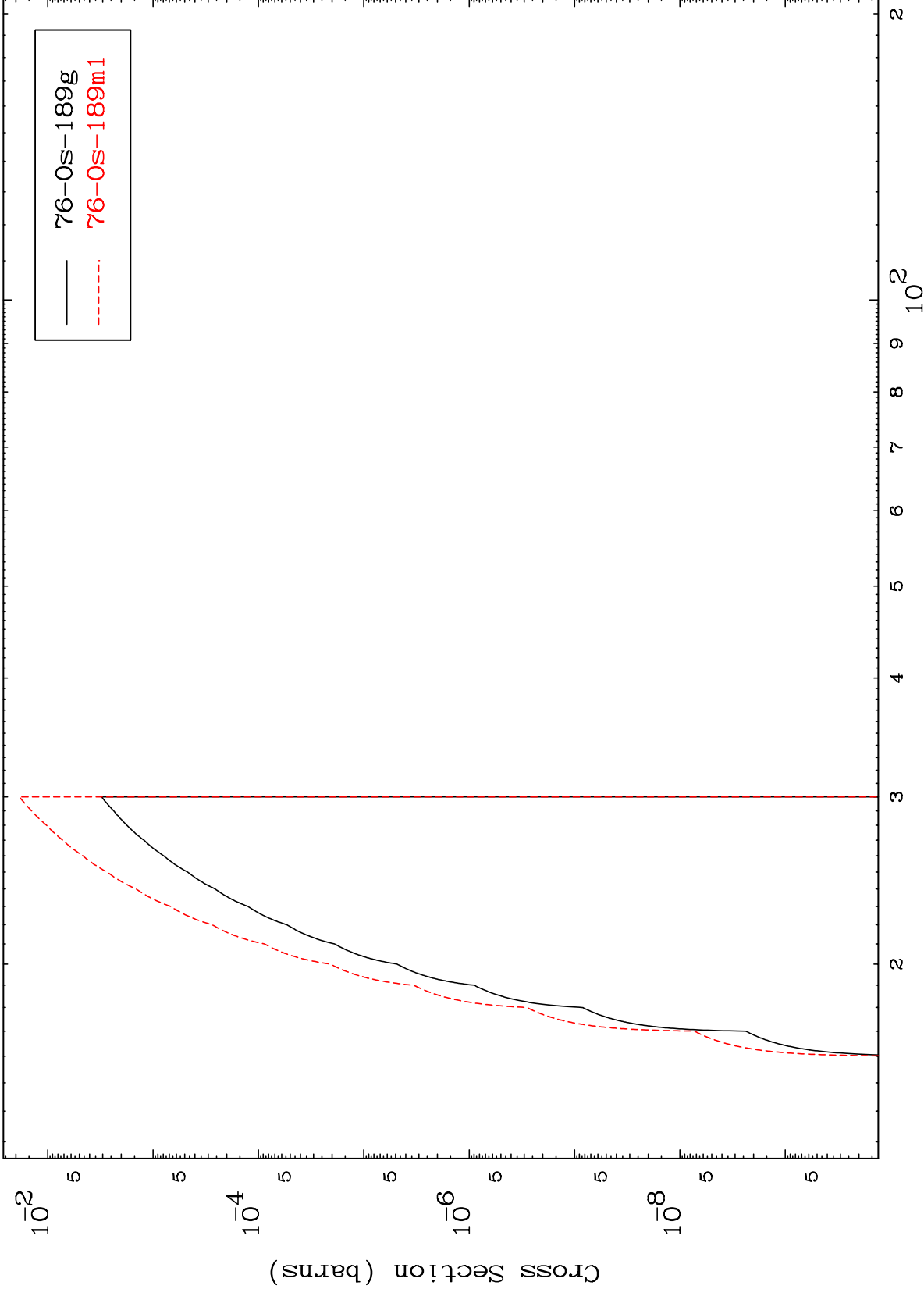
Radionuclide Production Cross Section



Radionuclide Production Cross Section



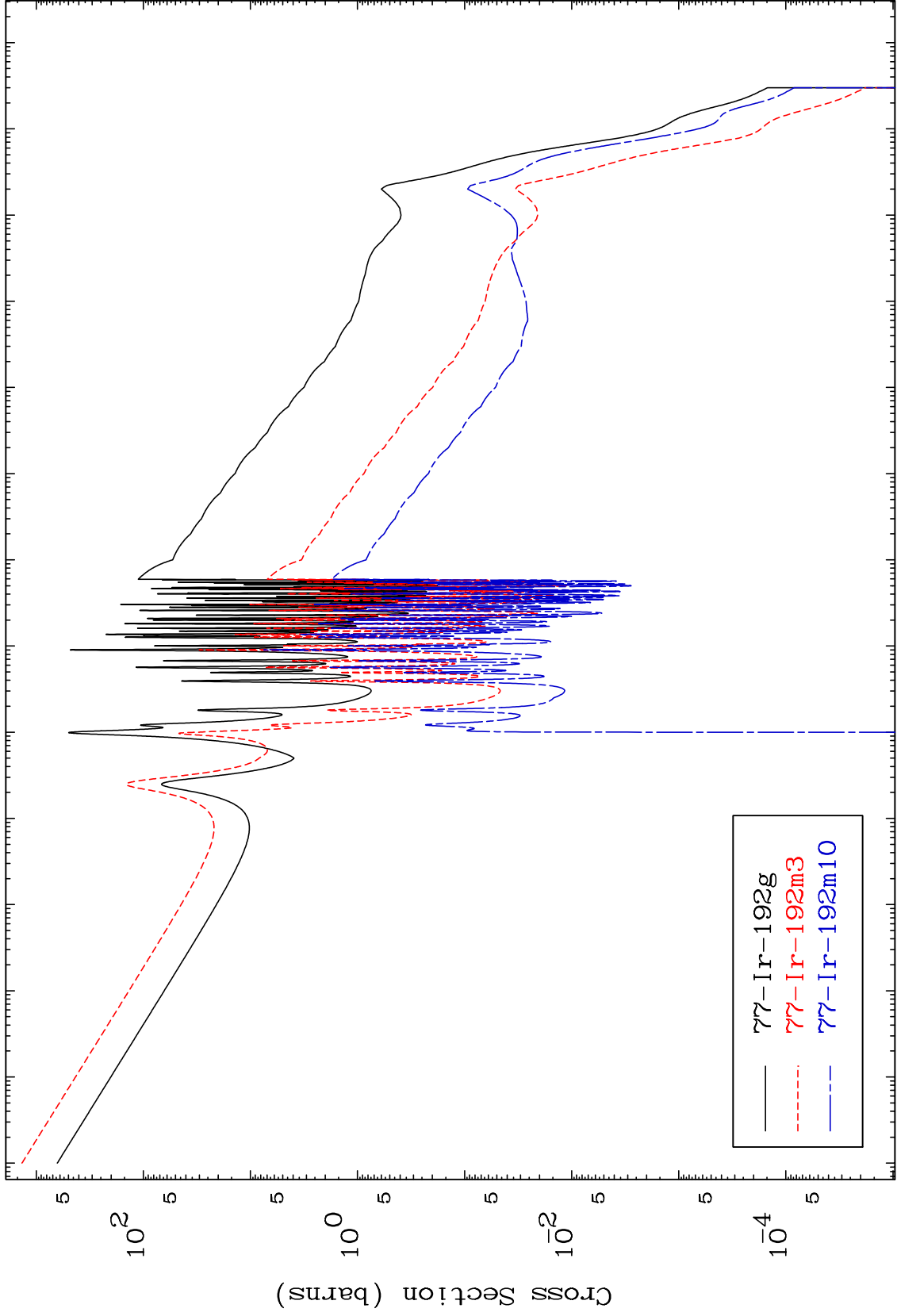
Radionuclide Production Cross Section



76-Os-189g
76-Os-189m1

Radionuclide Production Cross Section

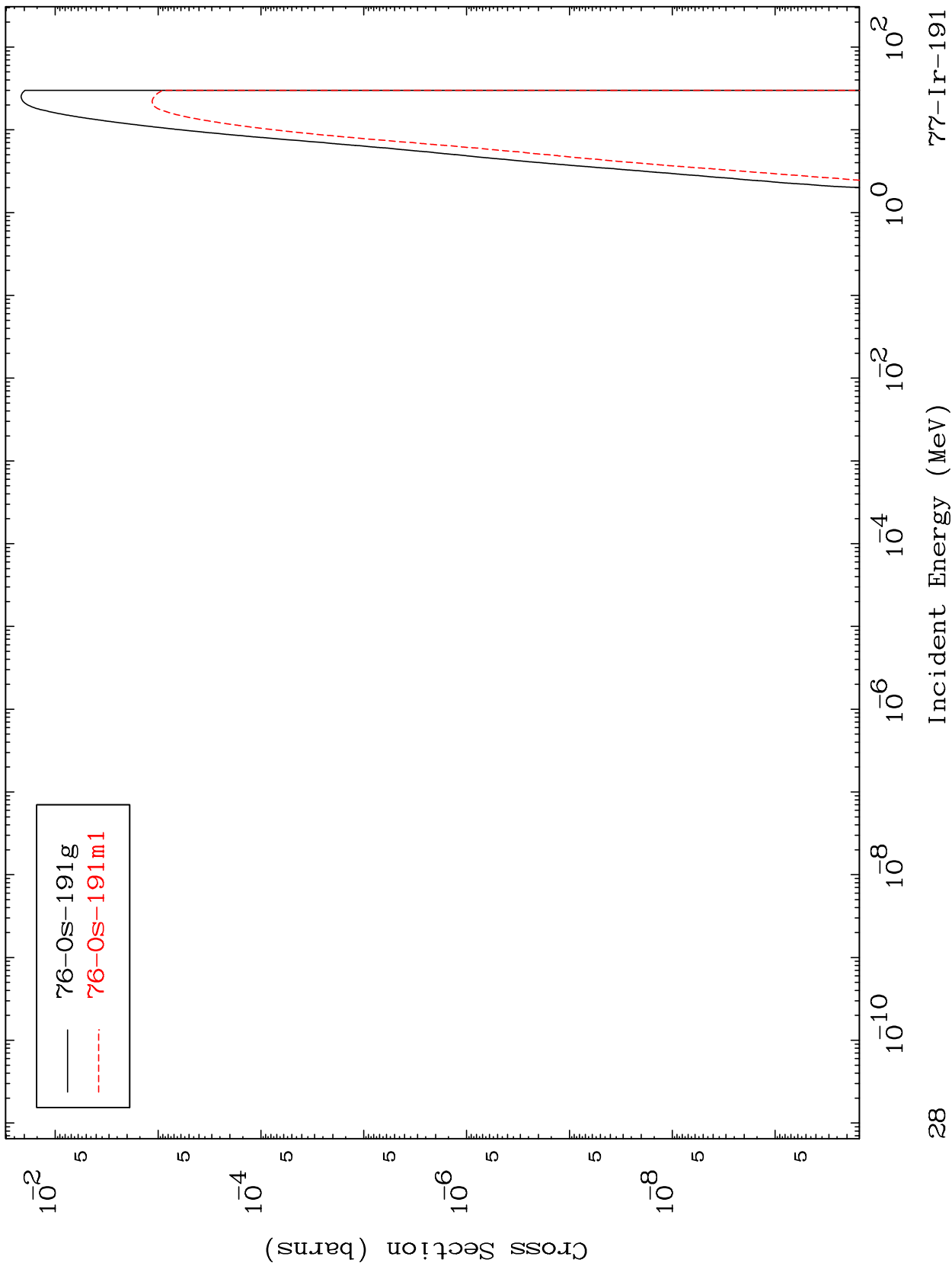
(n,γ)



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⁷⁷Ir-191

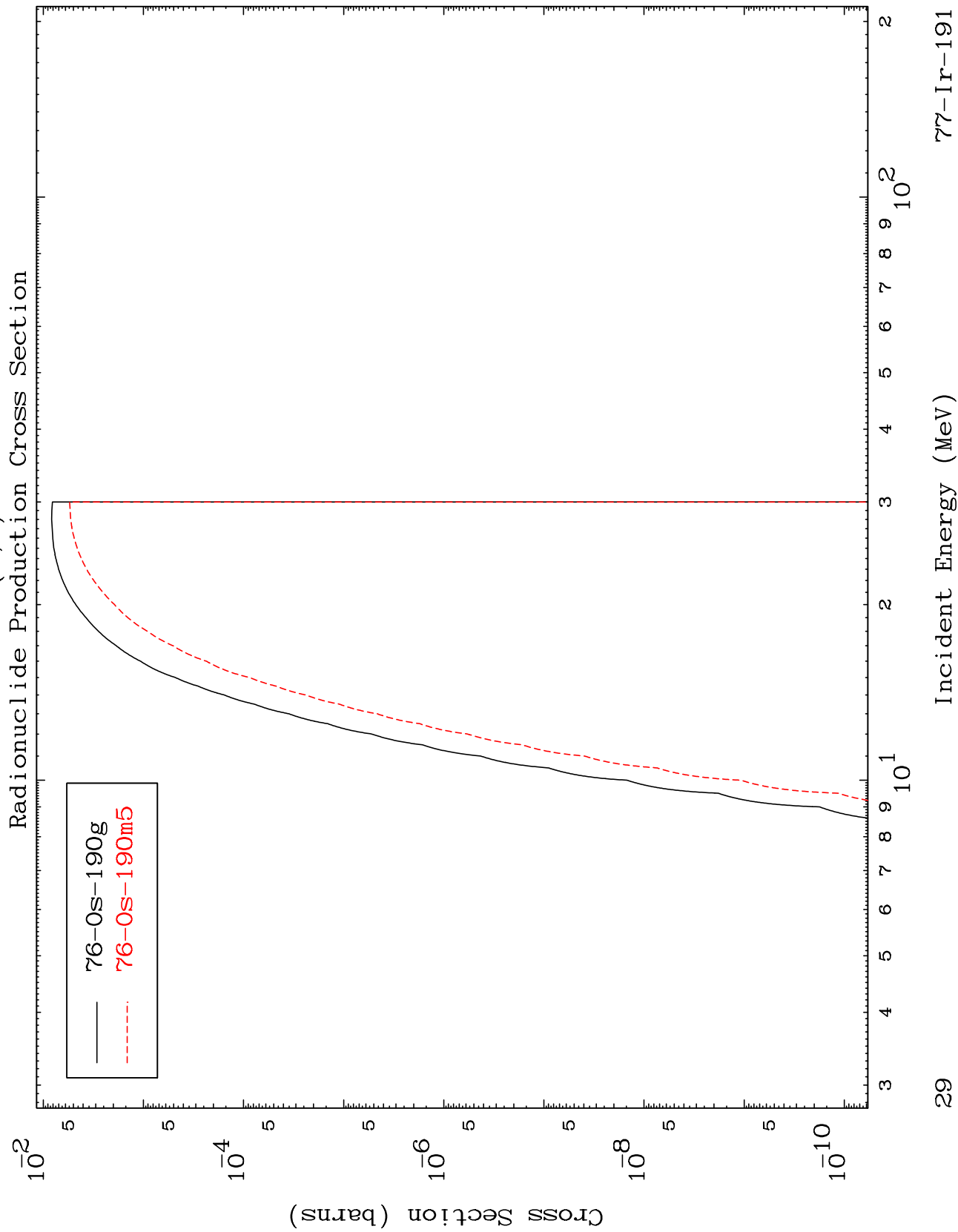
(n,p)
Radionuclide Production Cross Section



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(n,d)

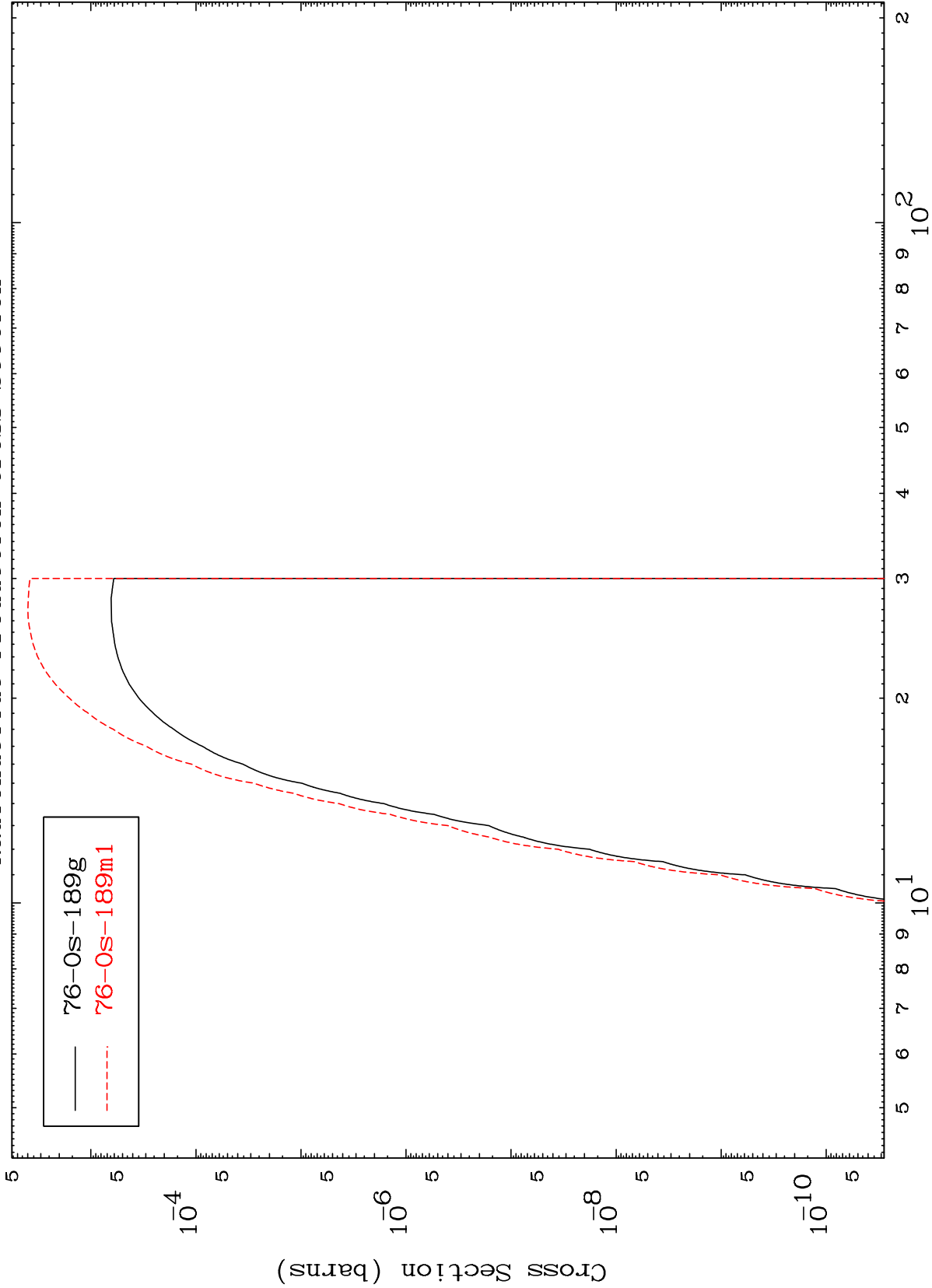
⁷⁷Ir-191



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⁷⁷Ir-191

(n, t)
Radionuclide Production Cross Section



⁷⁷Ir-191

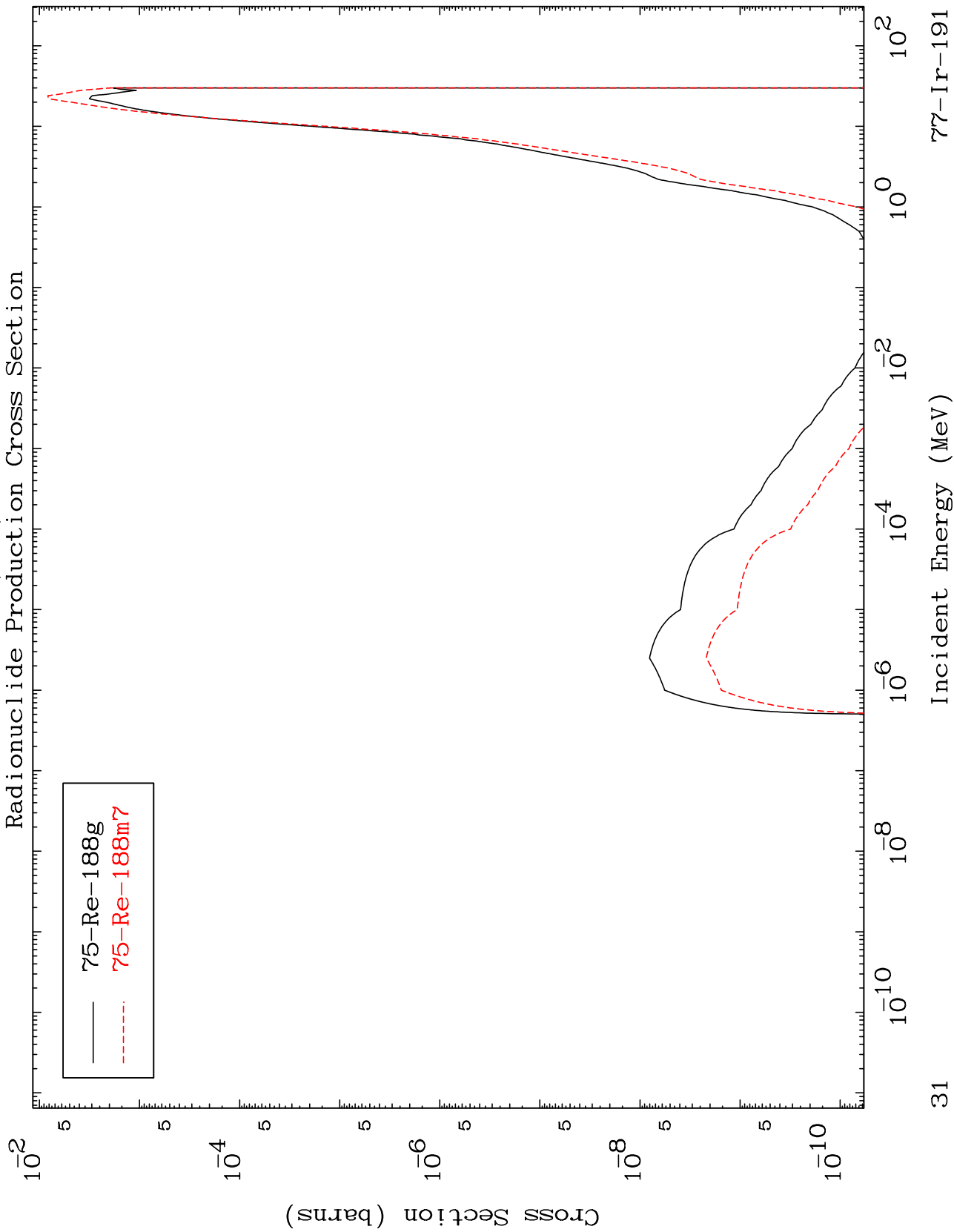
Incident Energy (MeV)

30

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⁷⁷Ir-191

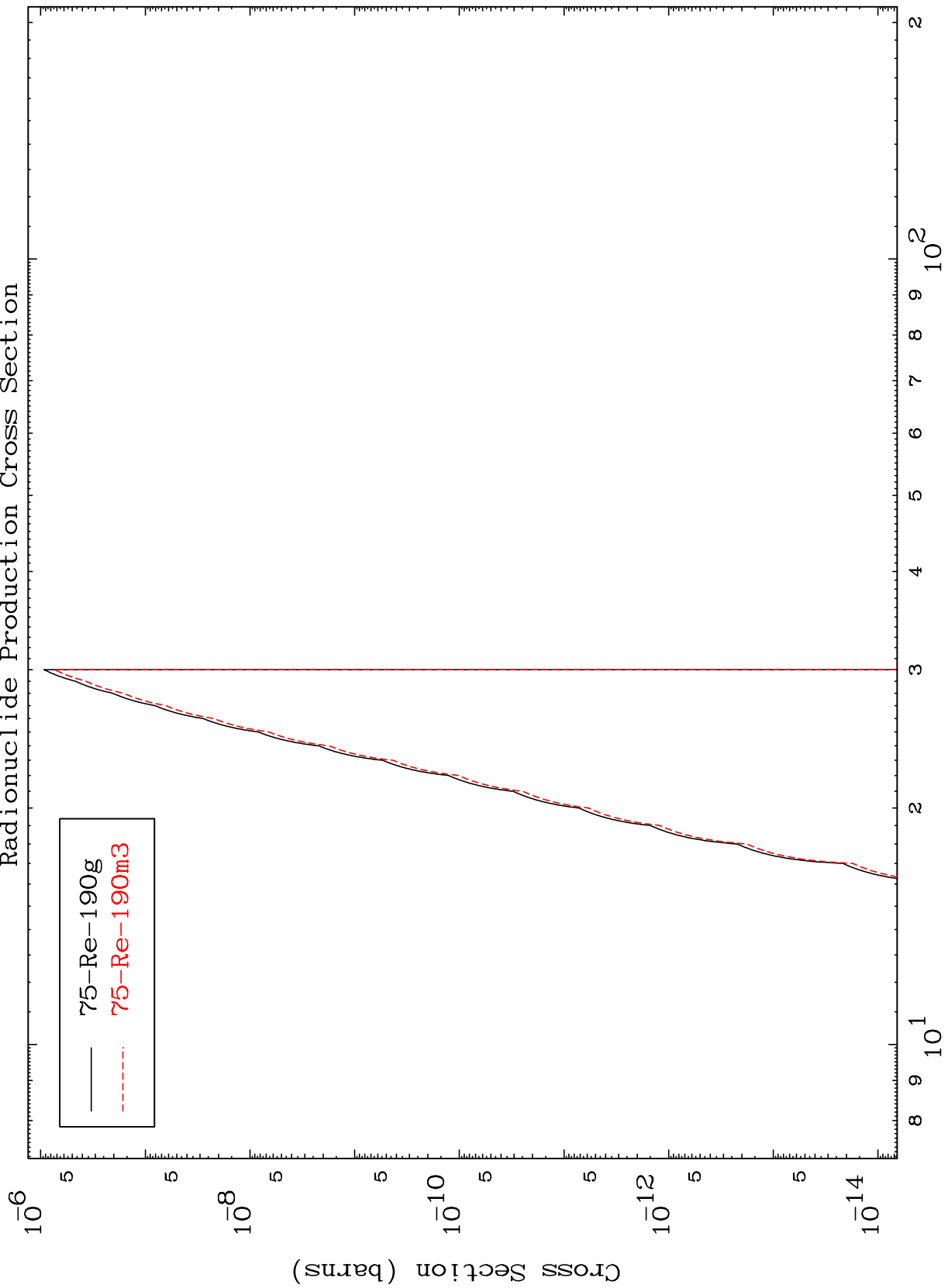
Radionuclide Production Cross Section (n,α)



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⁷⁷Ir-191

Radionuclide Production Cross Section
(n,2p)



⁷⁷Ir-191

Incident Energy (MeV)

32