

Program EVALPLOT
(Version 2018-1)

by

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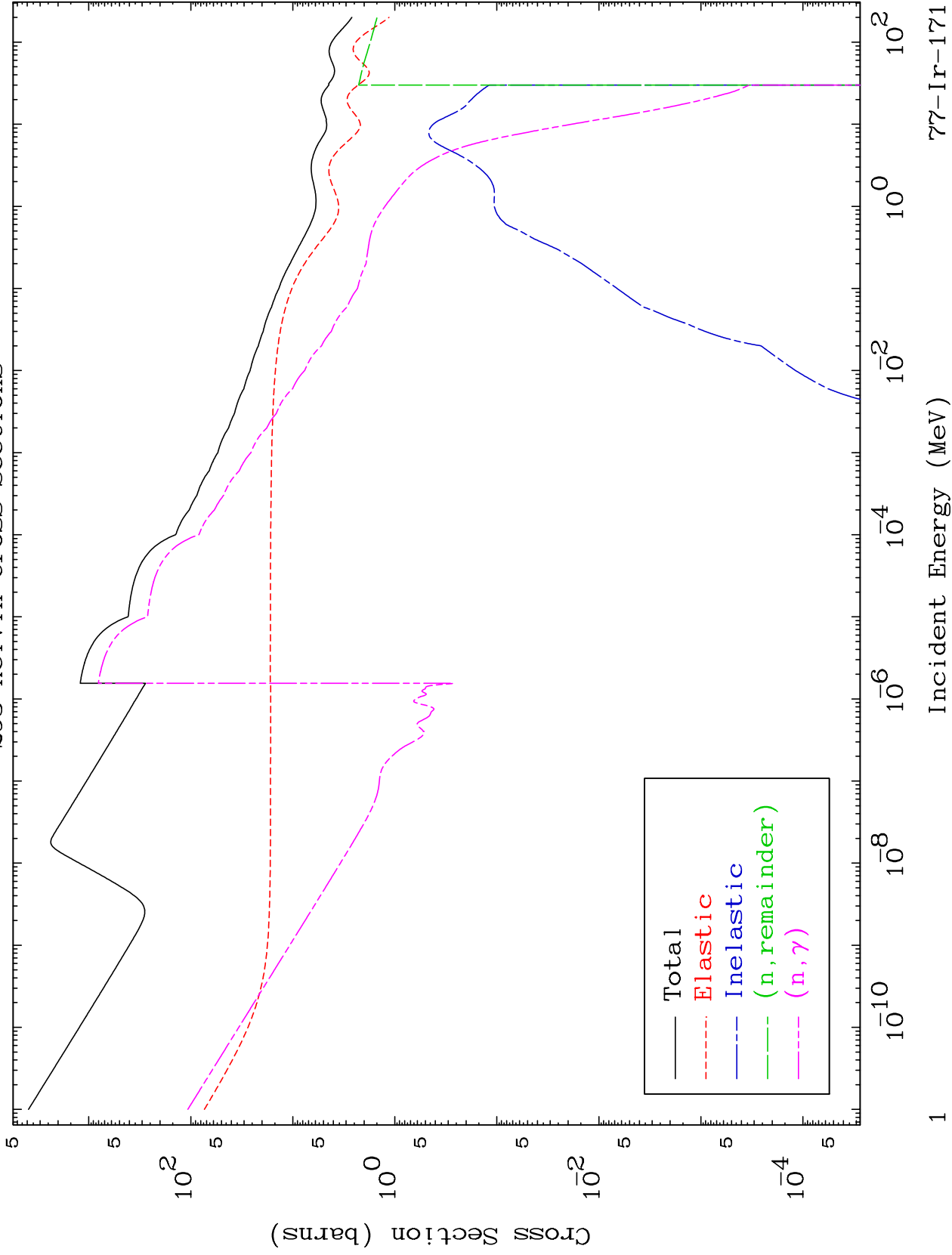
Press Mouse Button to Start

MAT 7666

Major

293 Kelvin Cross Sections

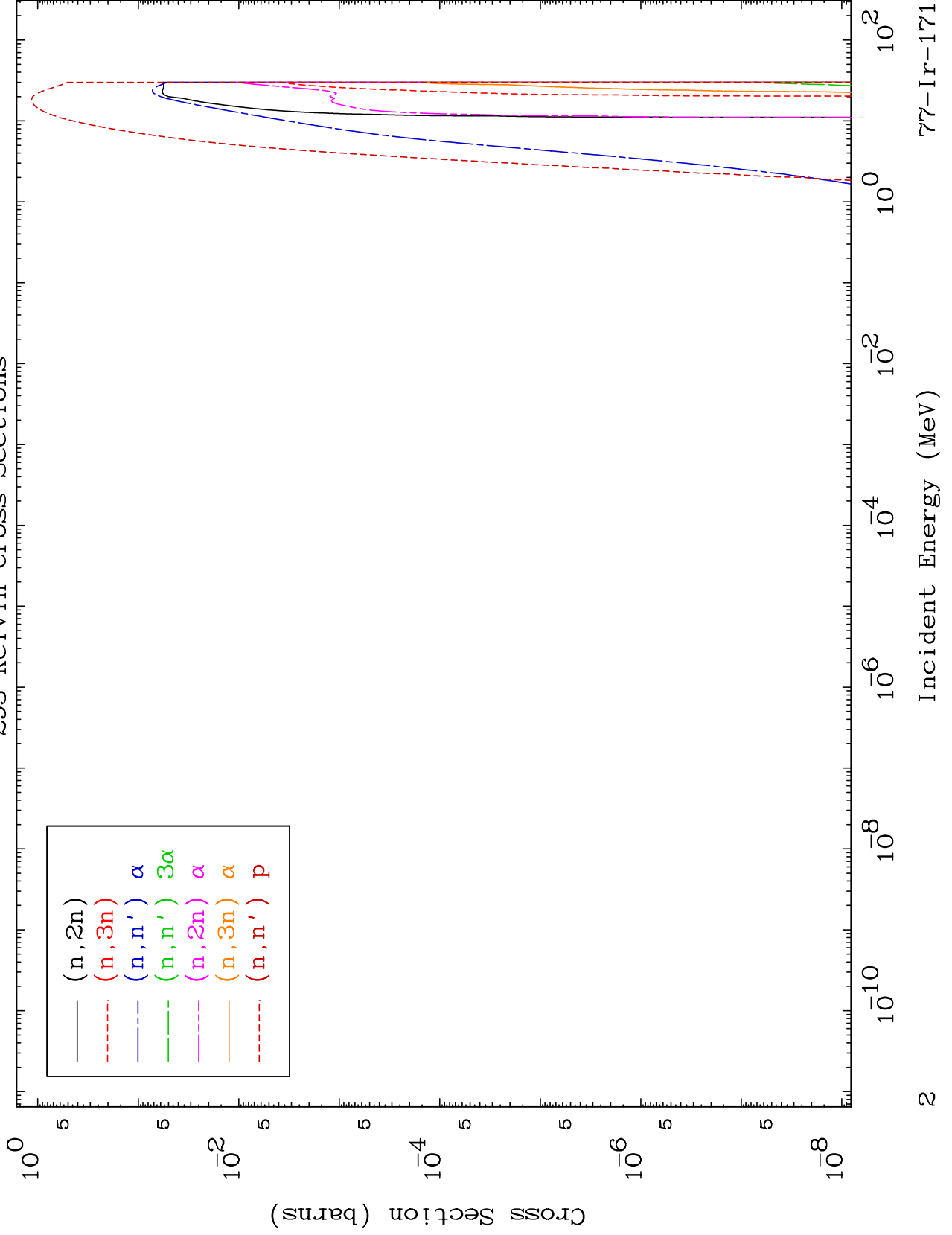
⁷⁷Ir-171



MAT 7666

Neutron Production
293 Kelvin Cross Sections

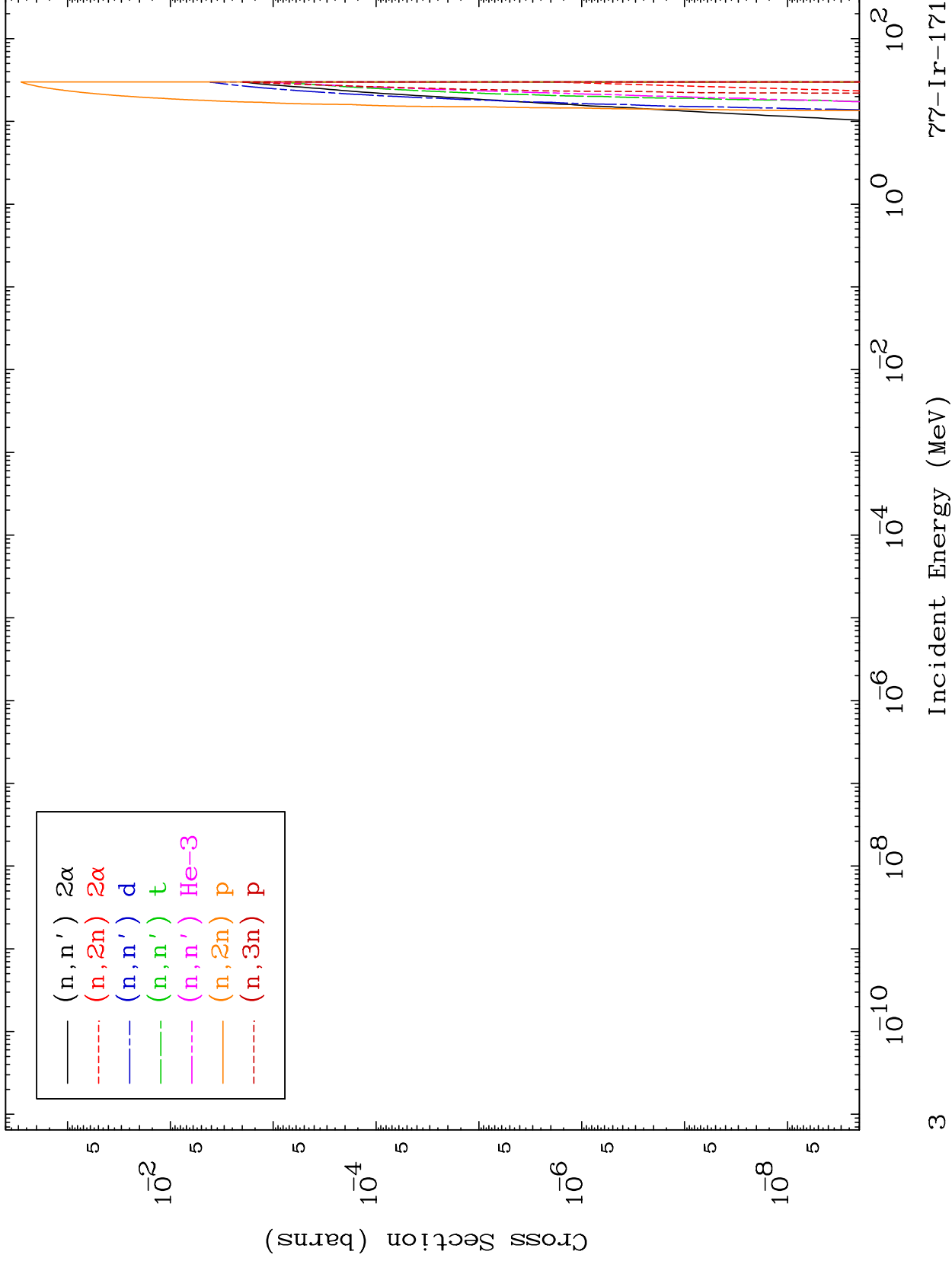
77-Ir-171



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Neutron Production
293 Kelvin Cross Sections

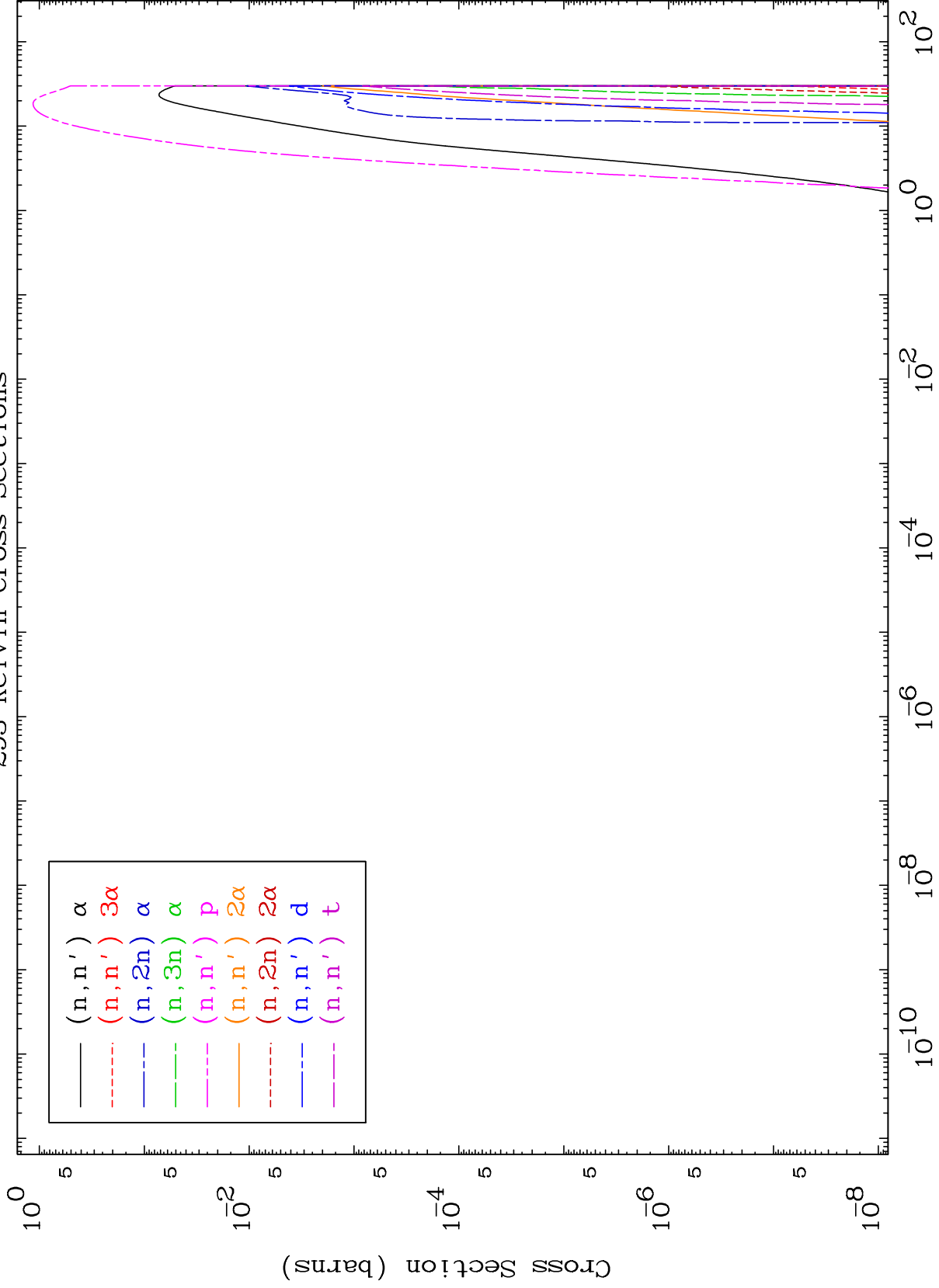
⁷⁷Ir-171

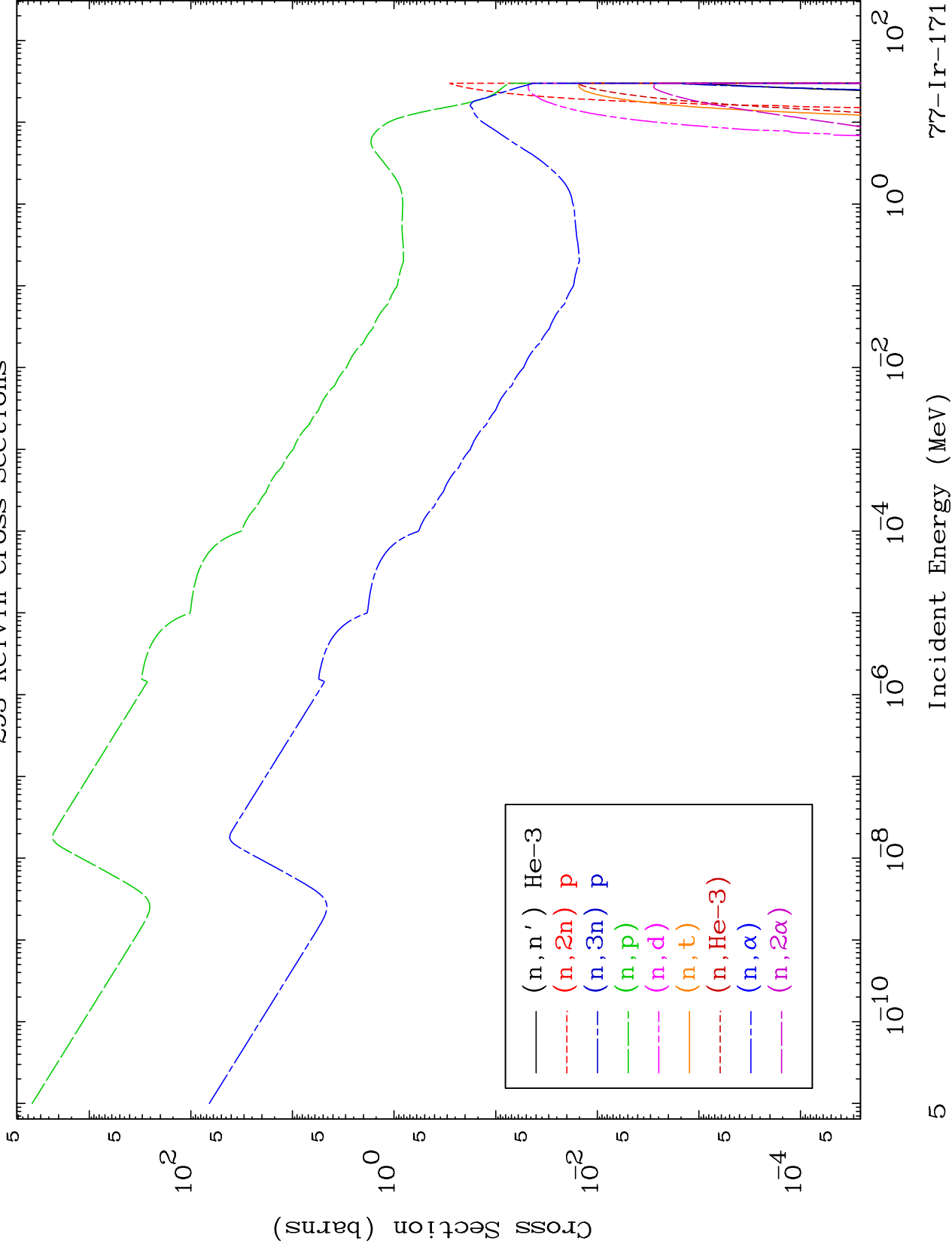


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Charged Particle
293 Kelvin Cross Sections

77-Ir-171

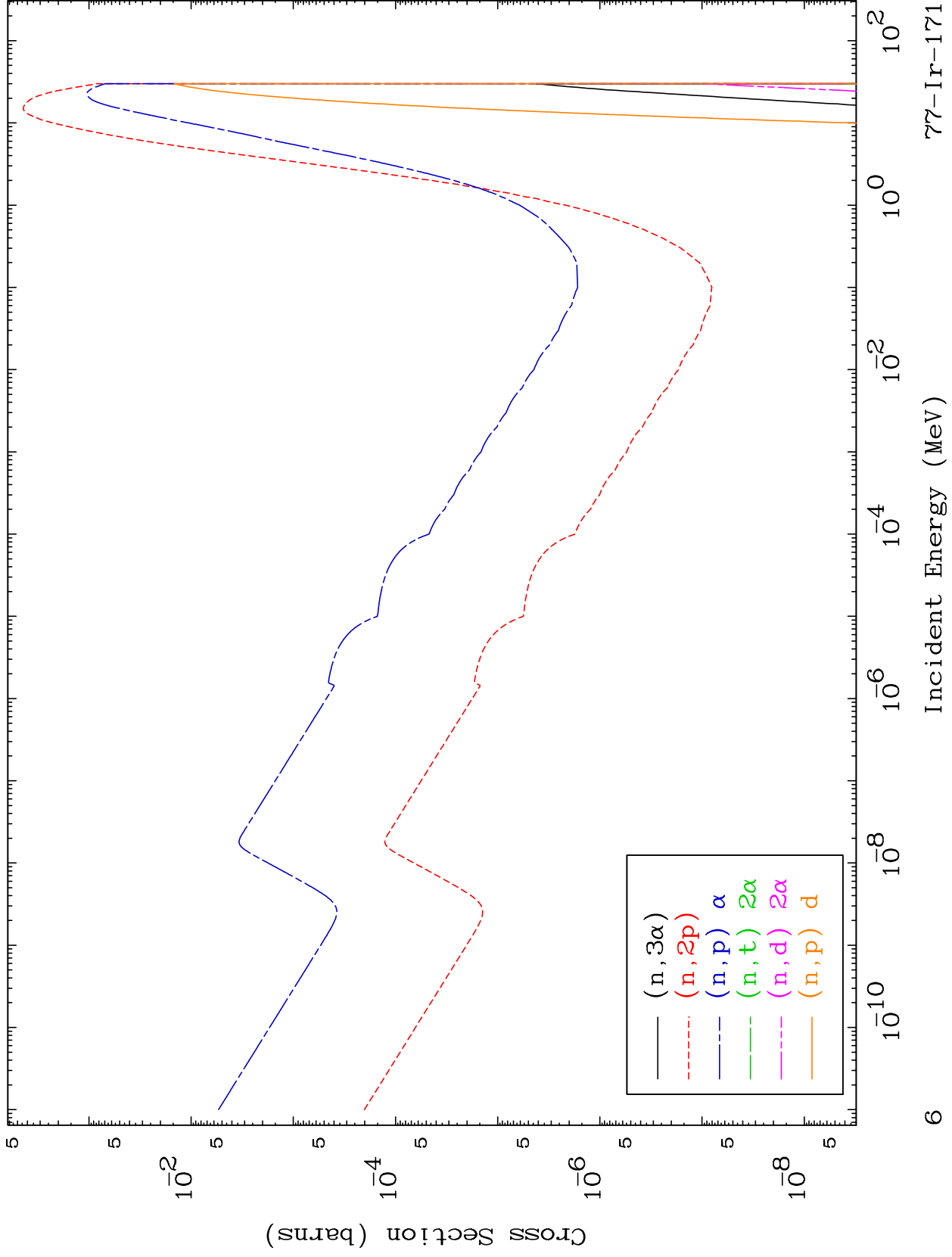


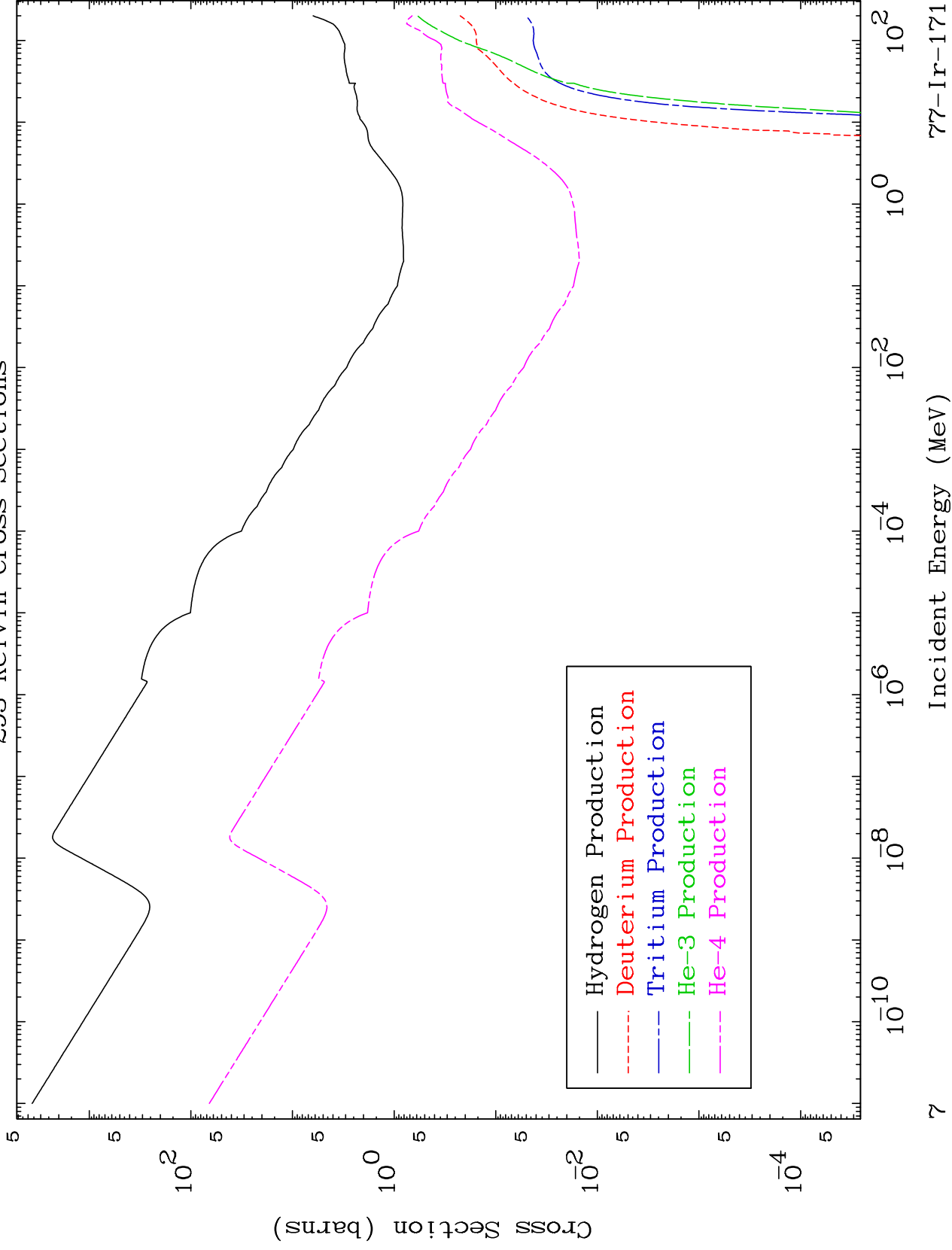


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Charged Particle
293 Kelvin Cross Sections

⁷⁷Ir-171



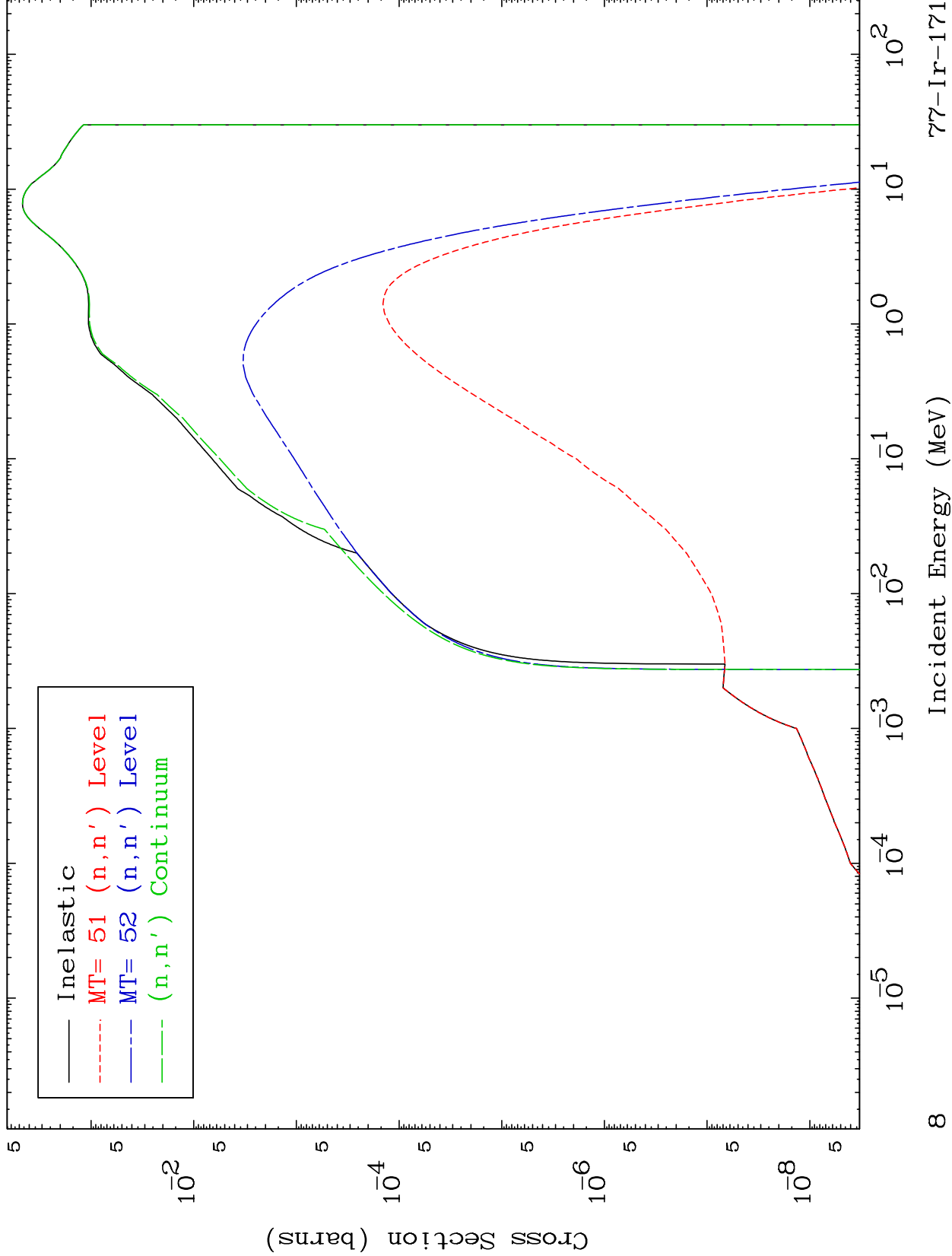


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(n,n') Level

77-Ir-171

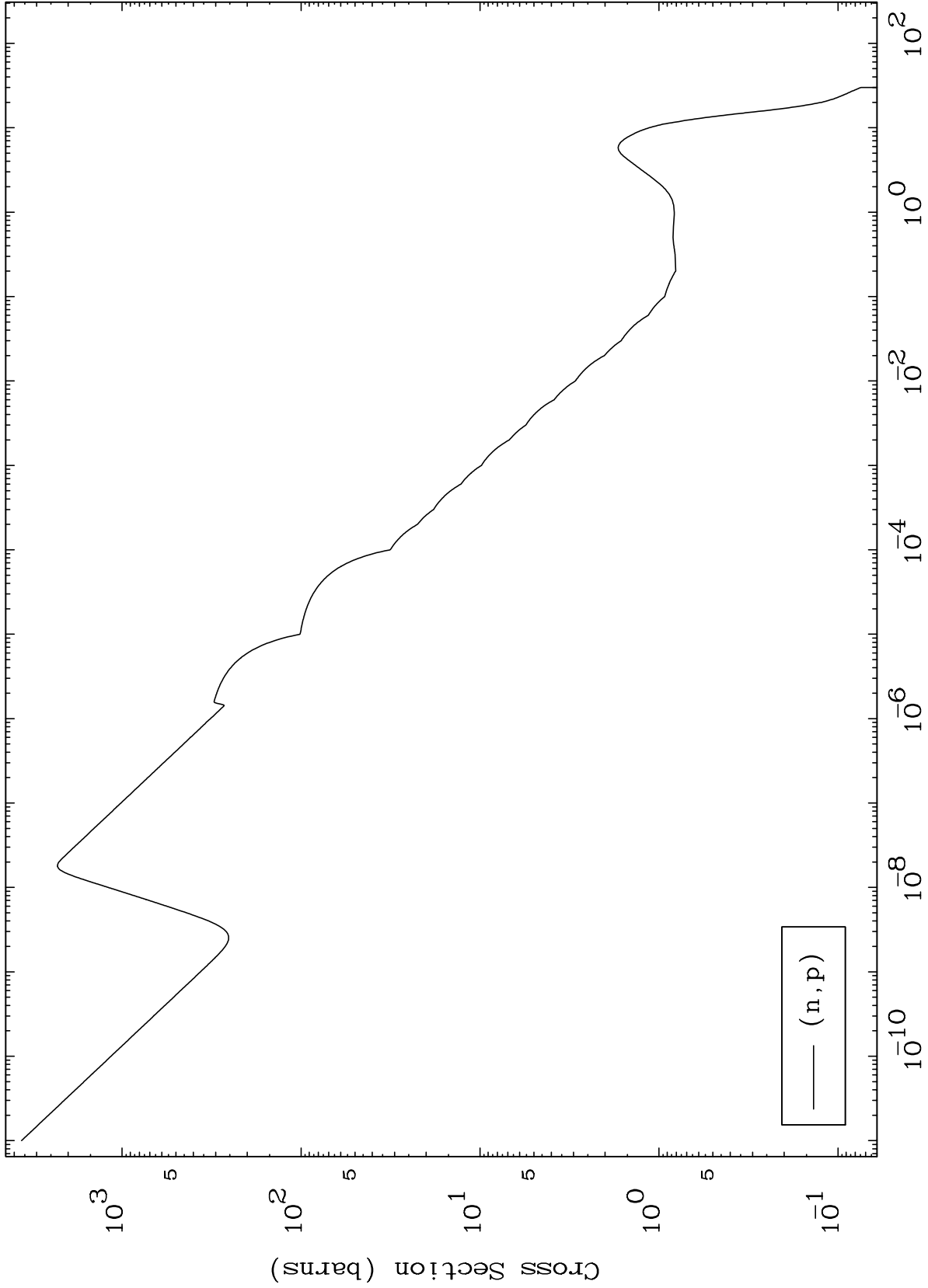
293 Kelvin Cross Sections



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(n,p) Levels
293 Kelvin Cross Sections

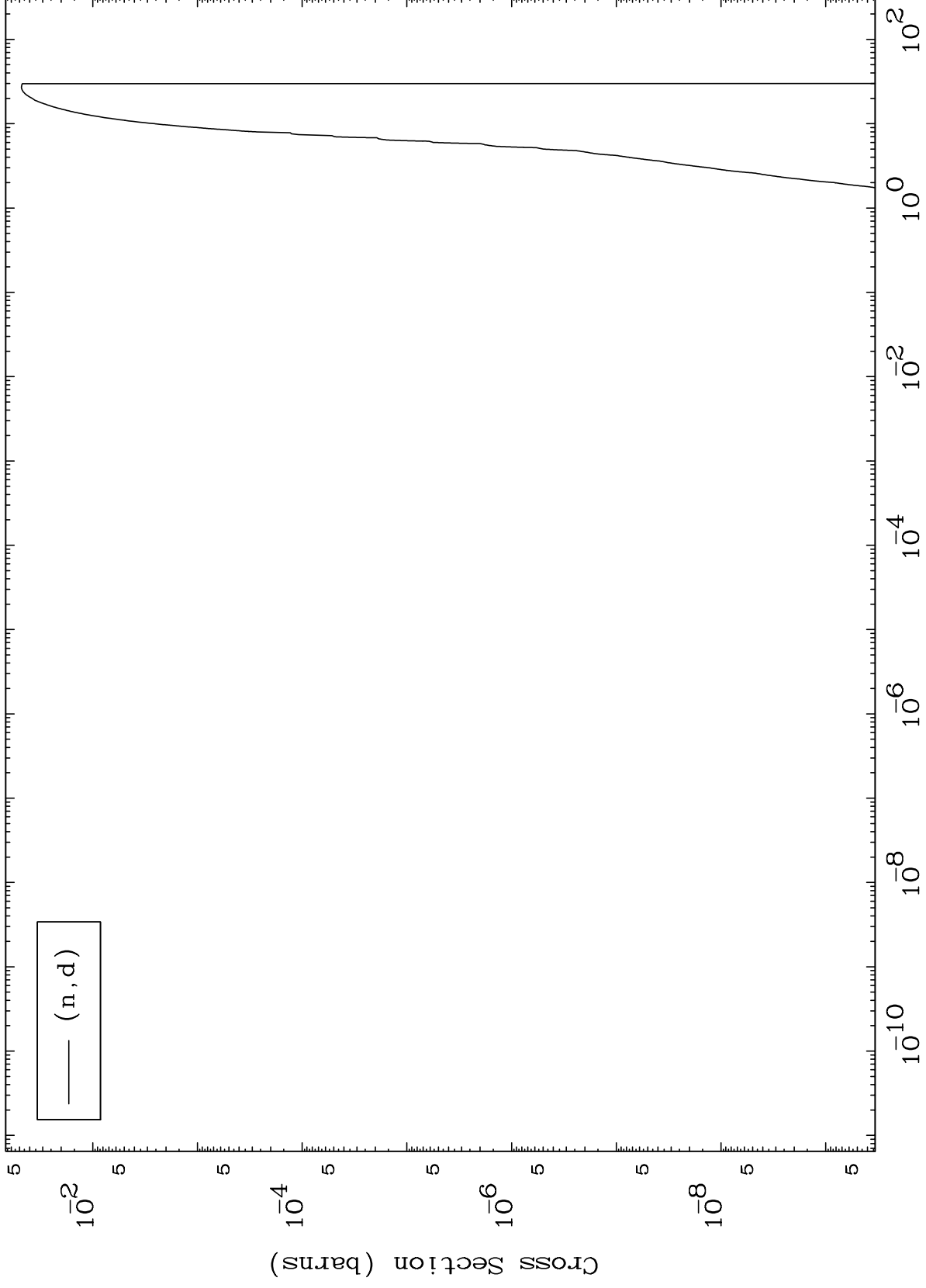
77-Ir-171



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(n,d) Levels
293 Kelvin Cross Sections

⁷⁷Ir-171



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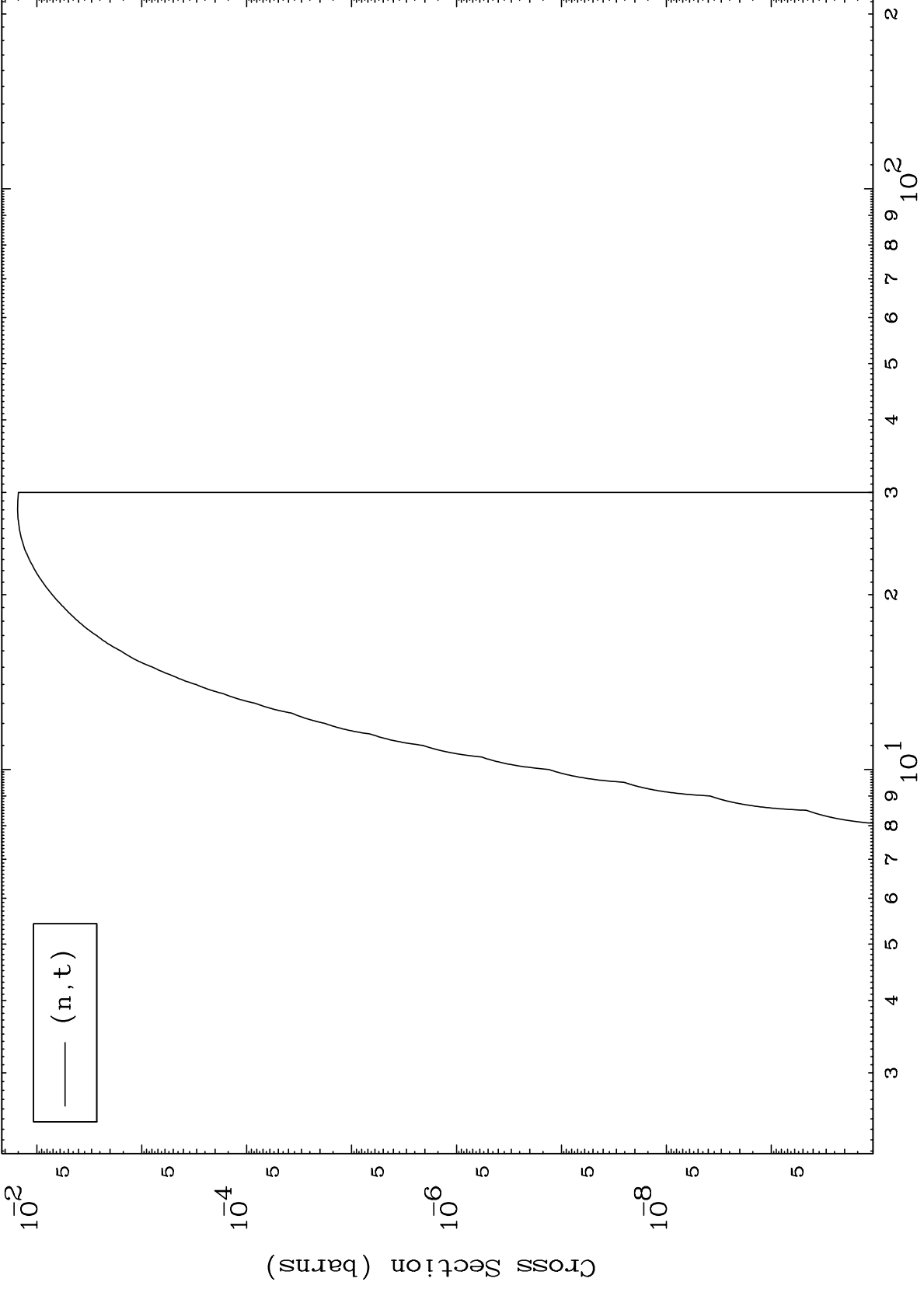
Incident Energy (MeV)

⁷⁷Ir-171

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(n,t) Levels
293 Kelvin Cross Sections

⁷⁷Ir-171



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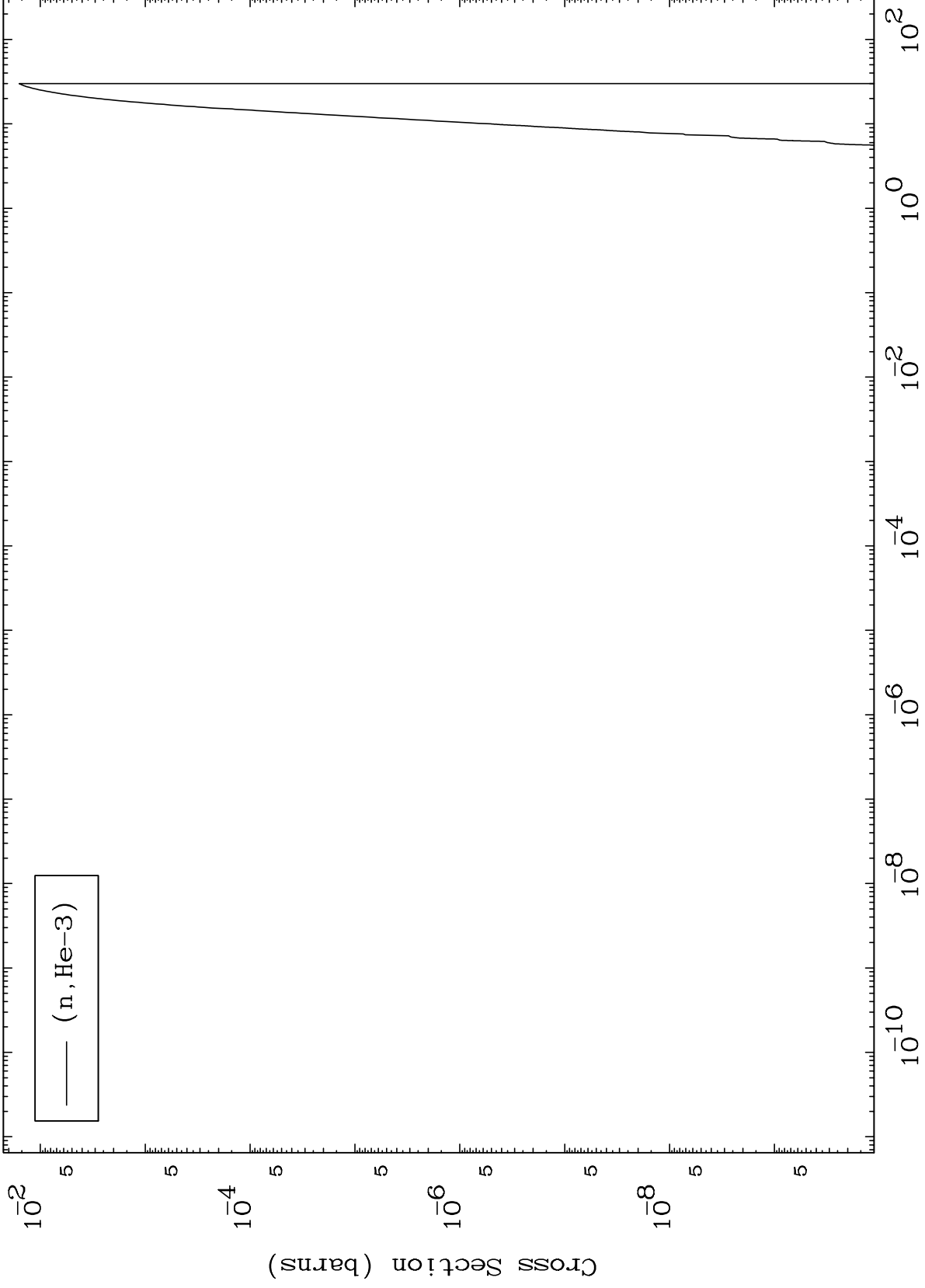
Incident Energy (MeV)

⁷⁷Ir-171

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(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-171



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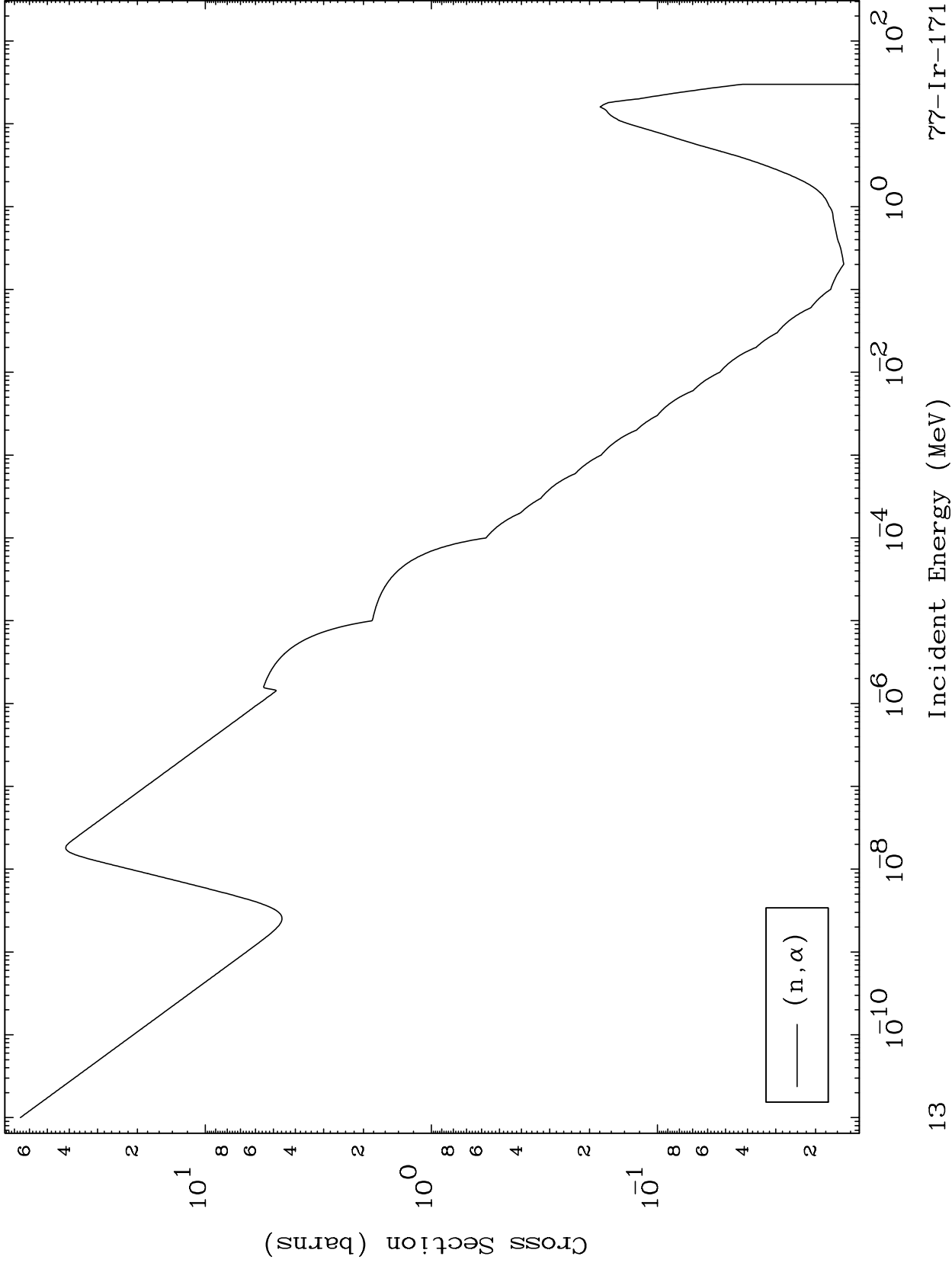
Incident Energy (MeV)

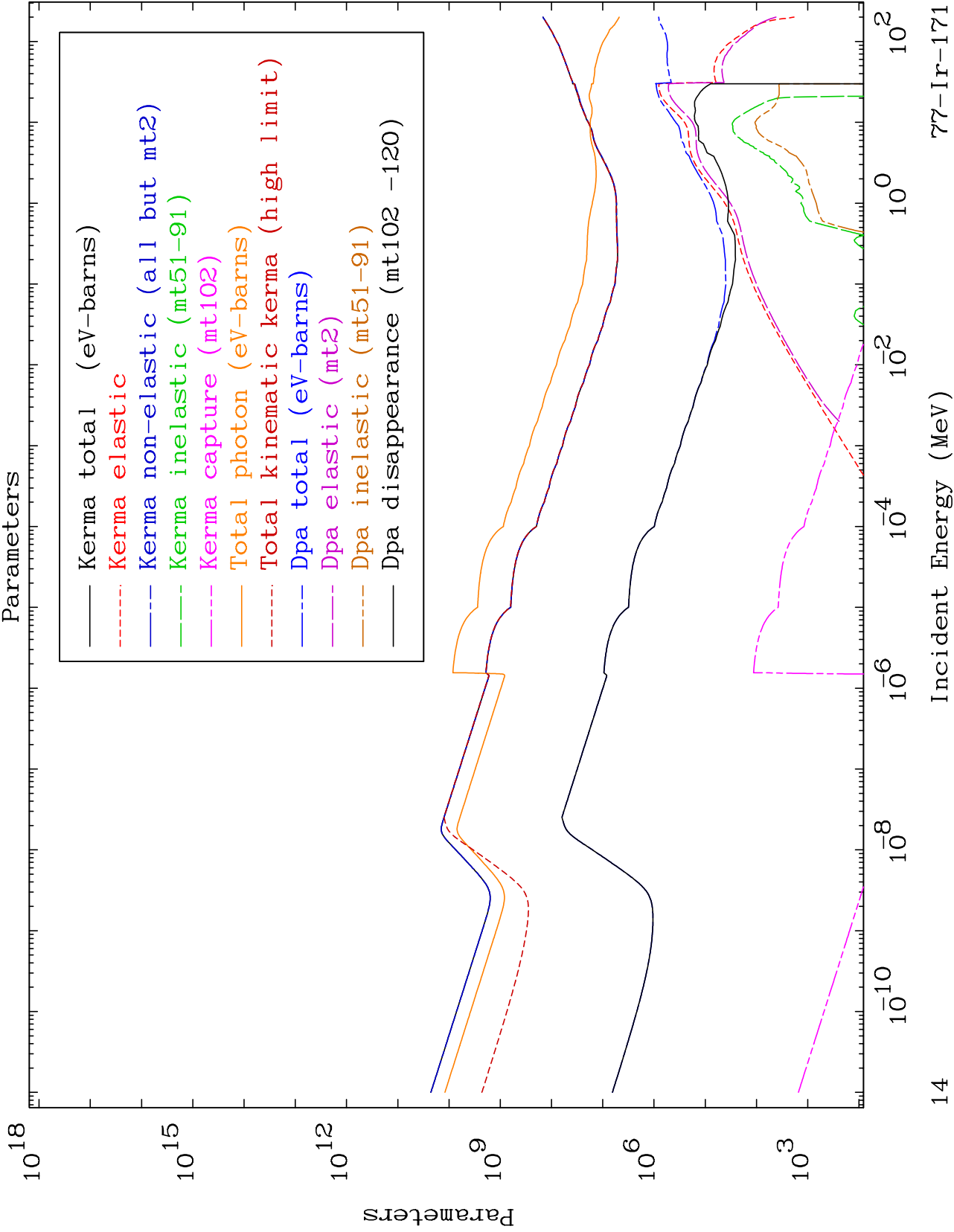
77-Ir-171

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(n,α) Levels
293 Kelvin Cross Sections

77-Ir-171

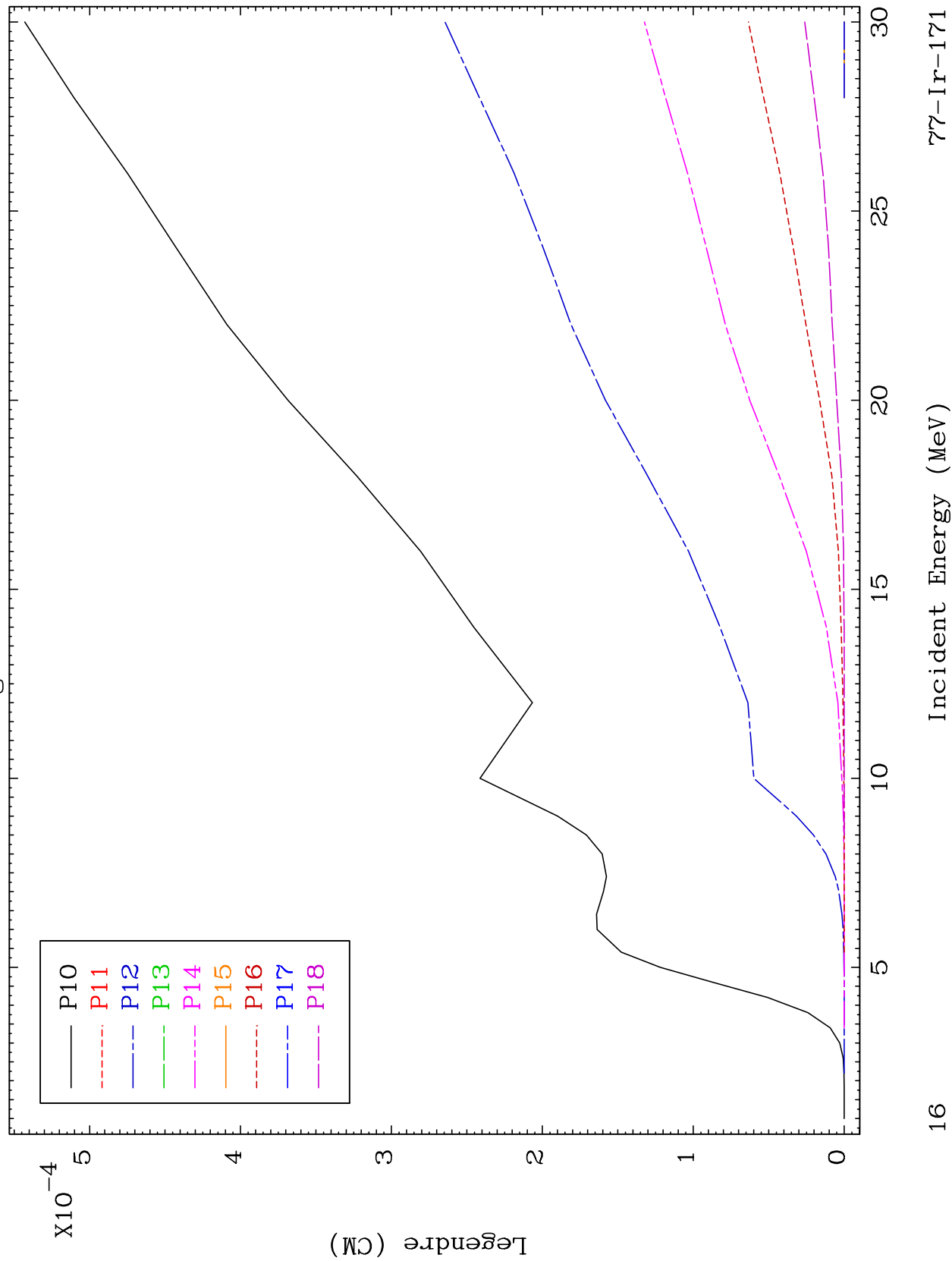




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Elastic Legendre Coefficients

⁷⁷Ir-171



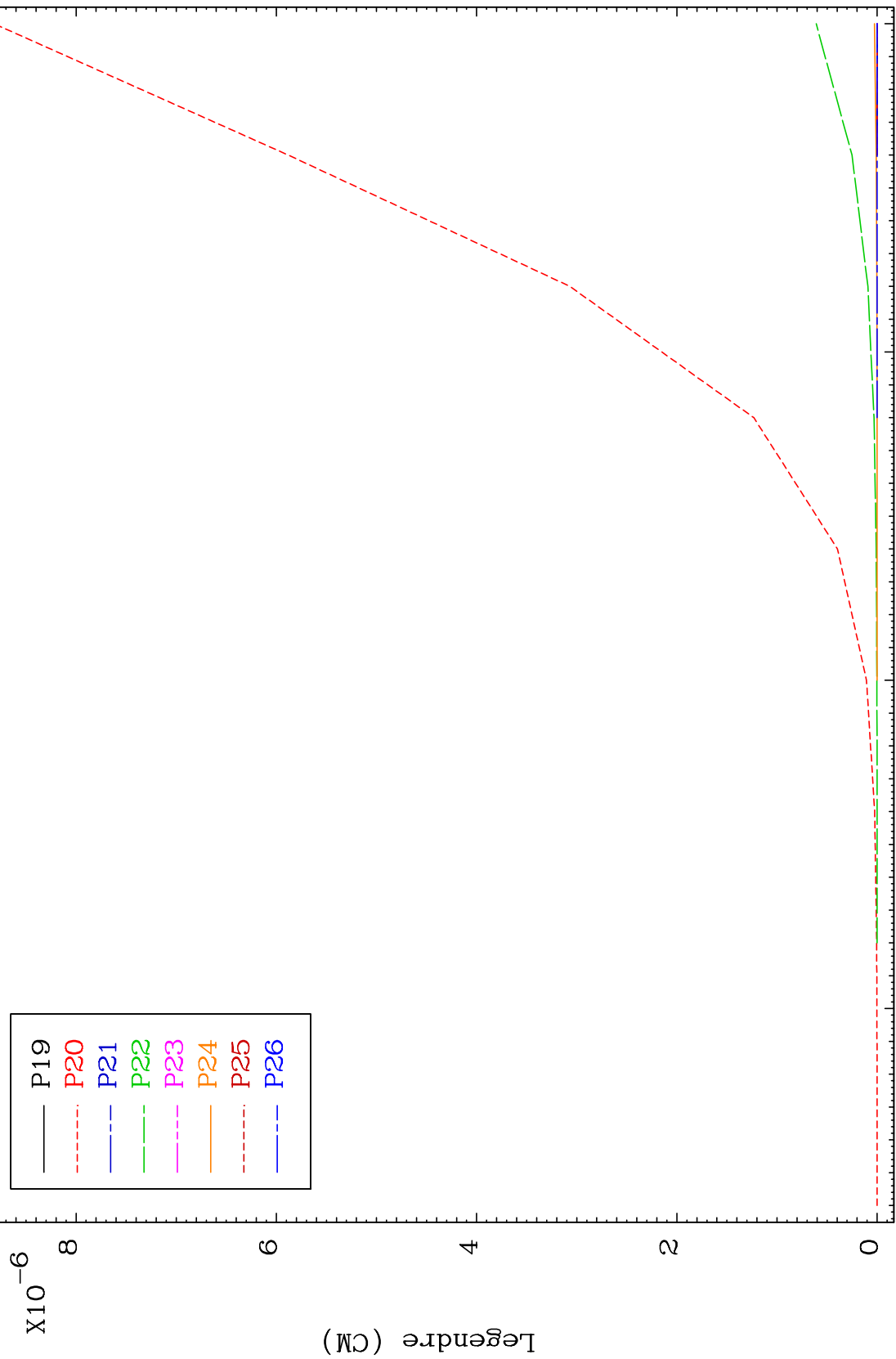
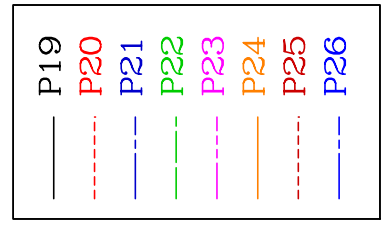
16

⁷⁷Ir-171

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Elastic
Legendre Coefficients

⁷⁷Ir-171



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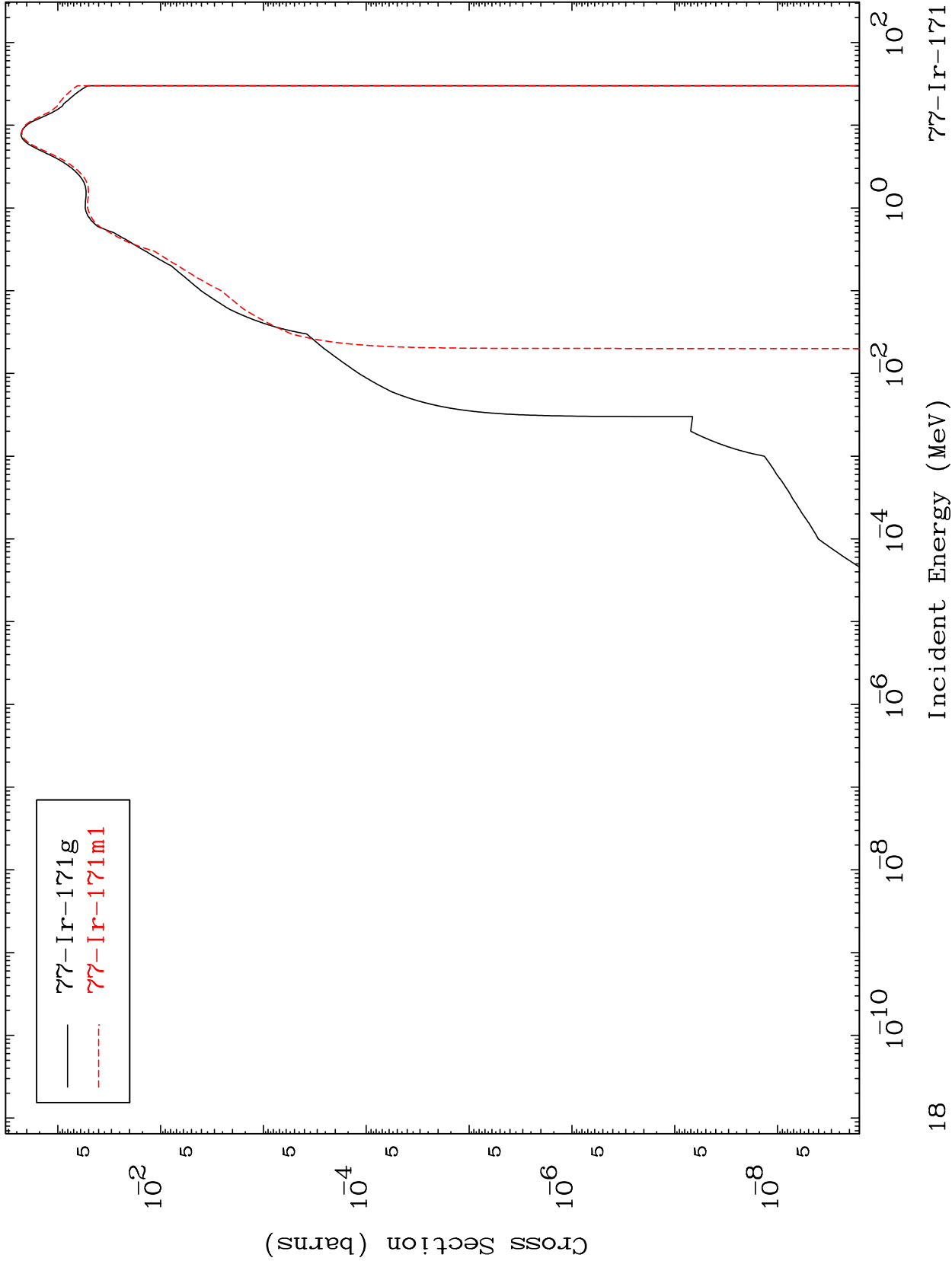
Incident Energy (MeV)

⁷⁷Ir-171

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Inelastic
Radionuclide Production Cross Section

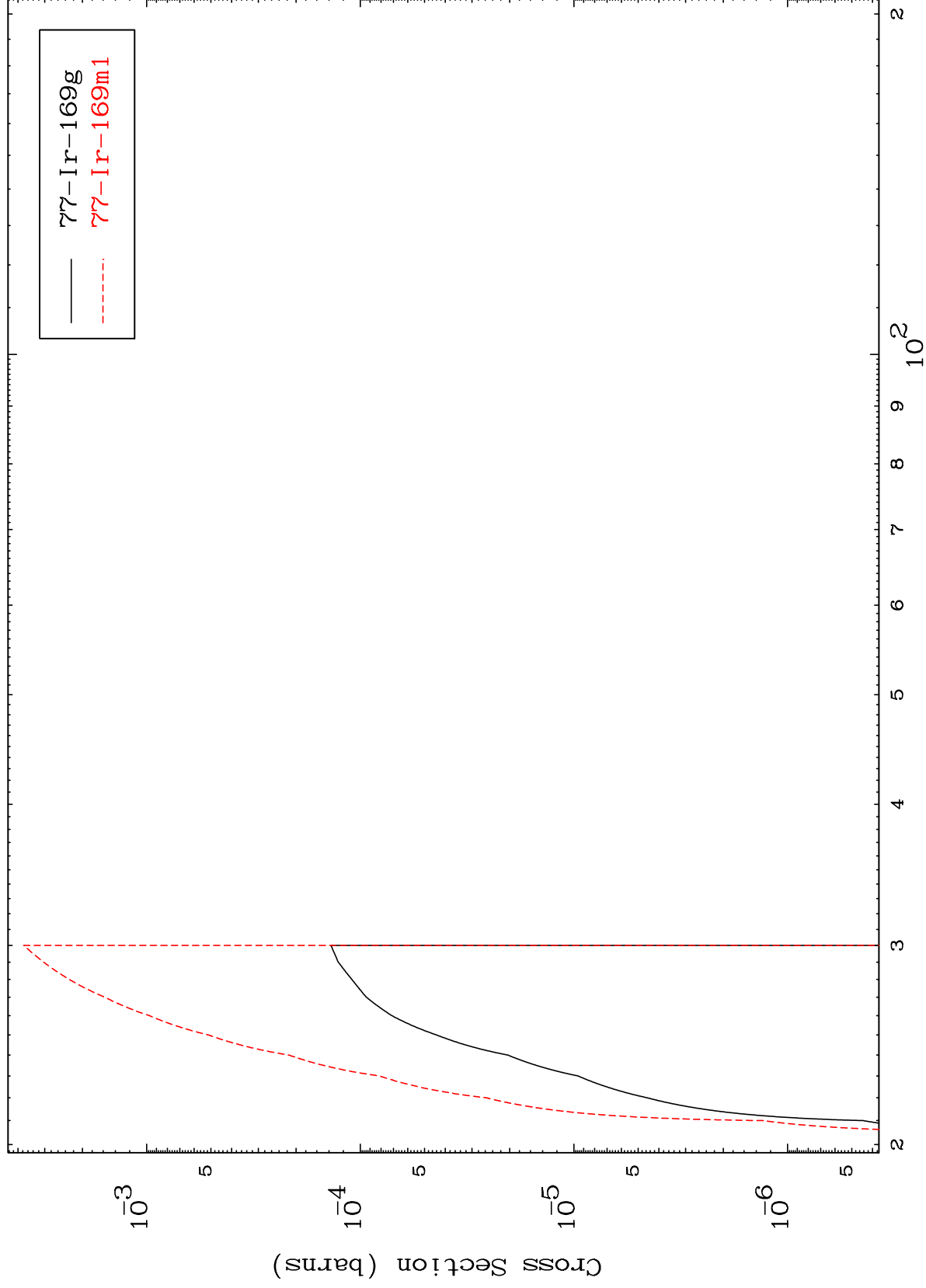
⁷⁷Ir-171



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⁷⁷Ir-171

(n,3n)
Radionuclide Production Cross Section



— ⁷⁷Ir-169g
- - - ⁷⁷Ir-169m1

⁷⁷Ir-171

Incident Energy (MeV)

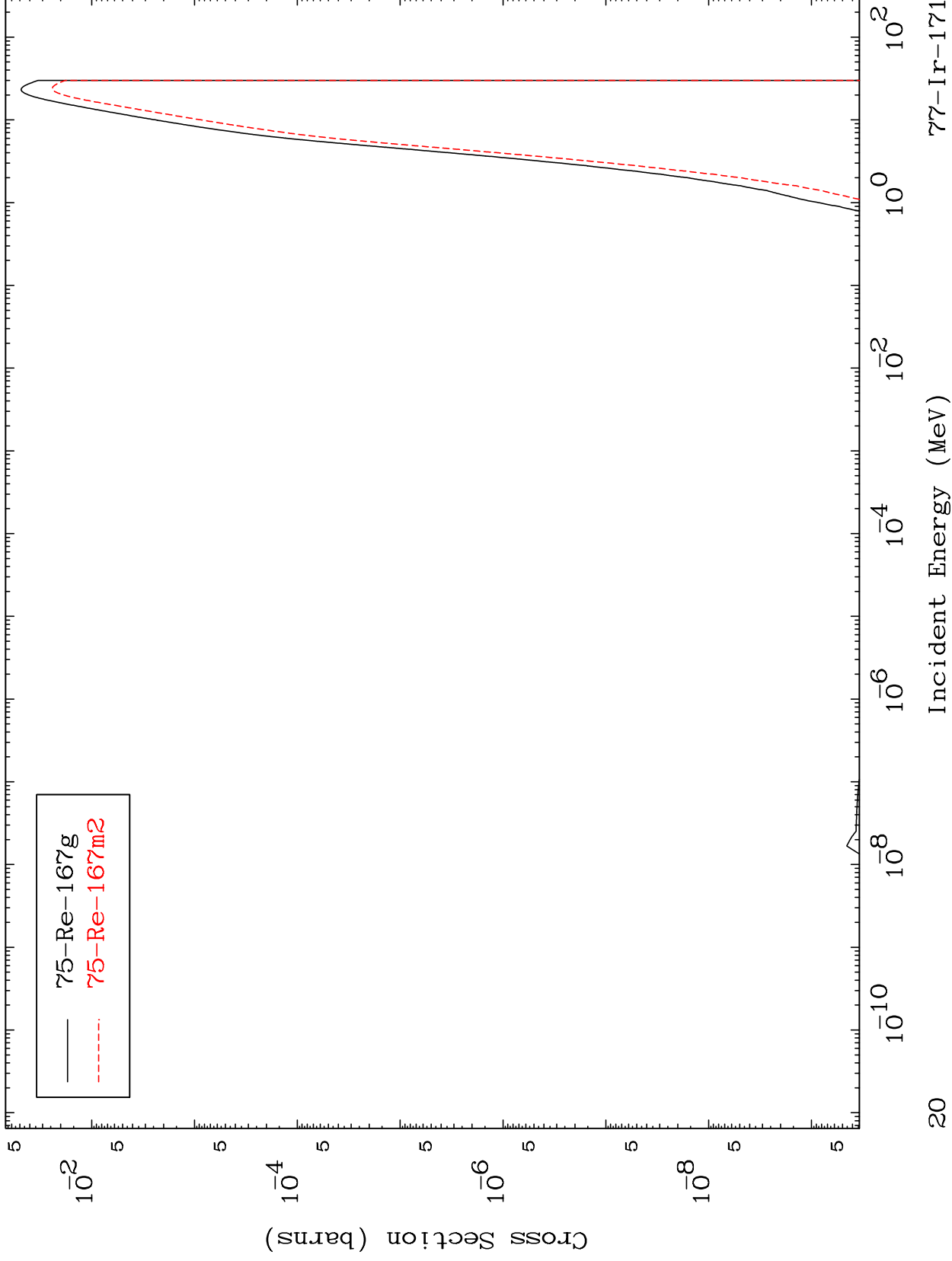
19

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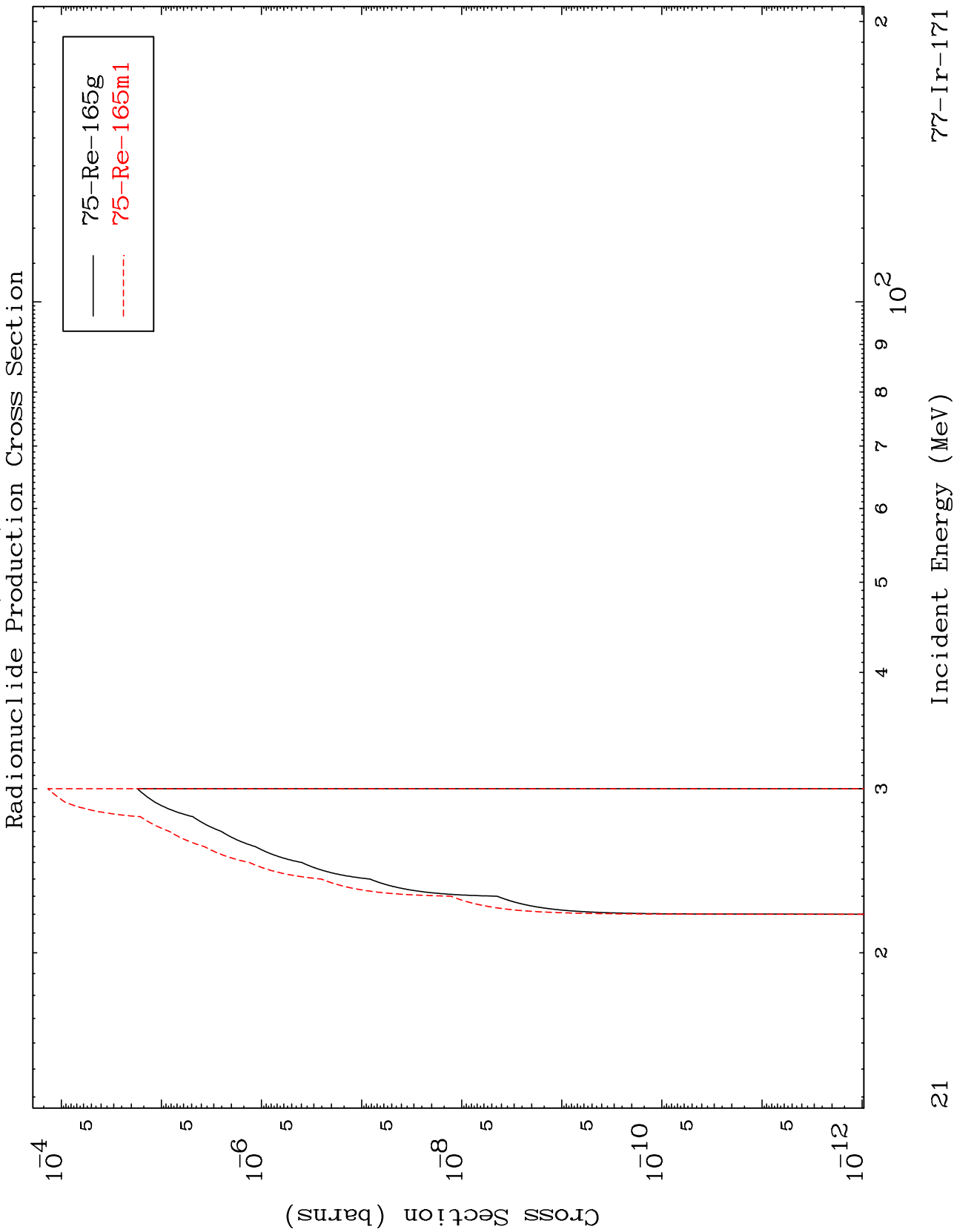
$(n, n') \alpha$

$^{77}\text{Ir-171}$

Radionuclide Production Cross Section



75-Re-167g
75-Re-167m2

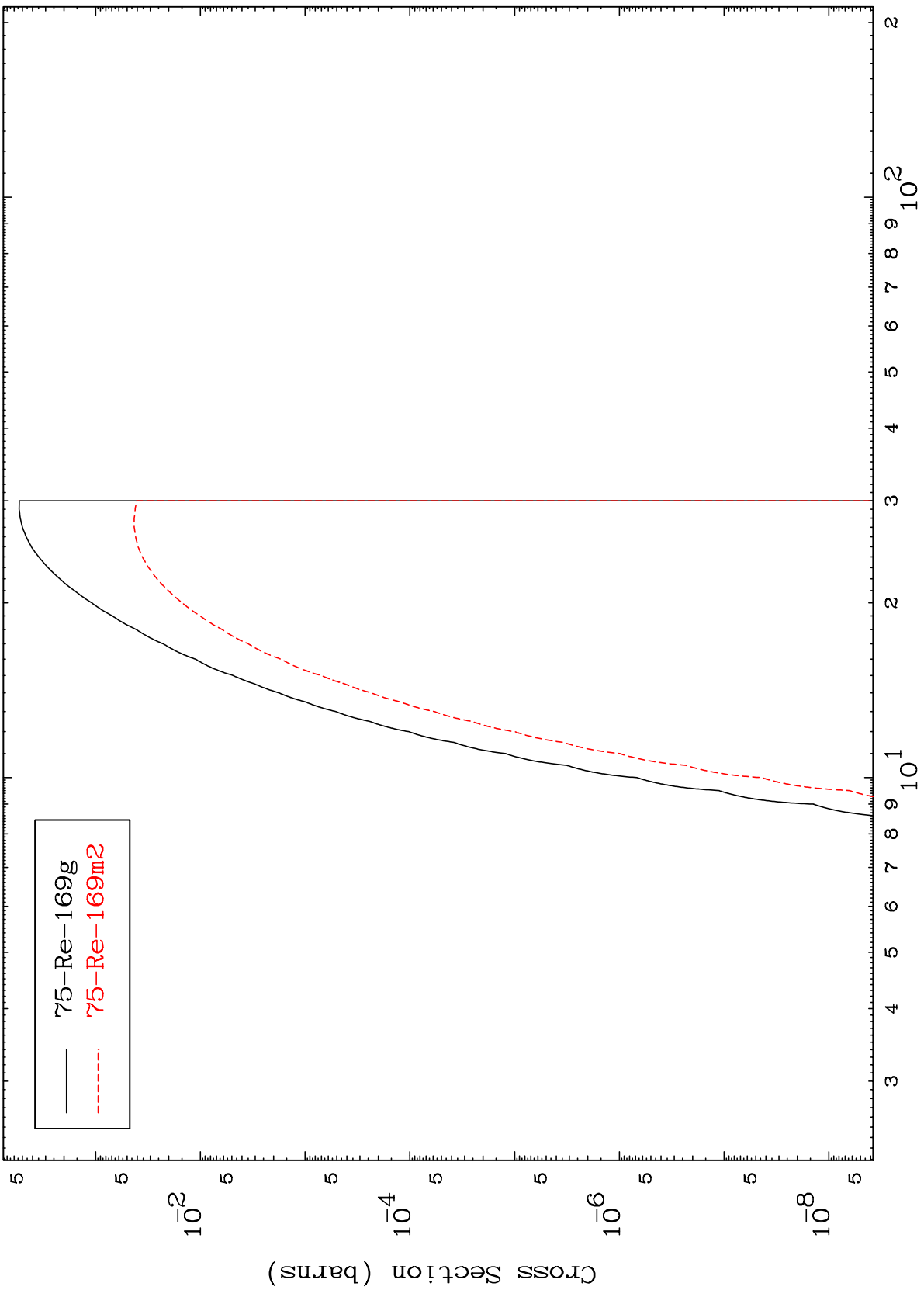


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(n,2n) p

⁷⁷Ir-171

Radionuclide Production Cross Section



22

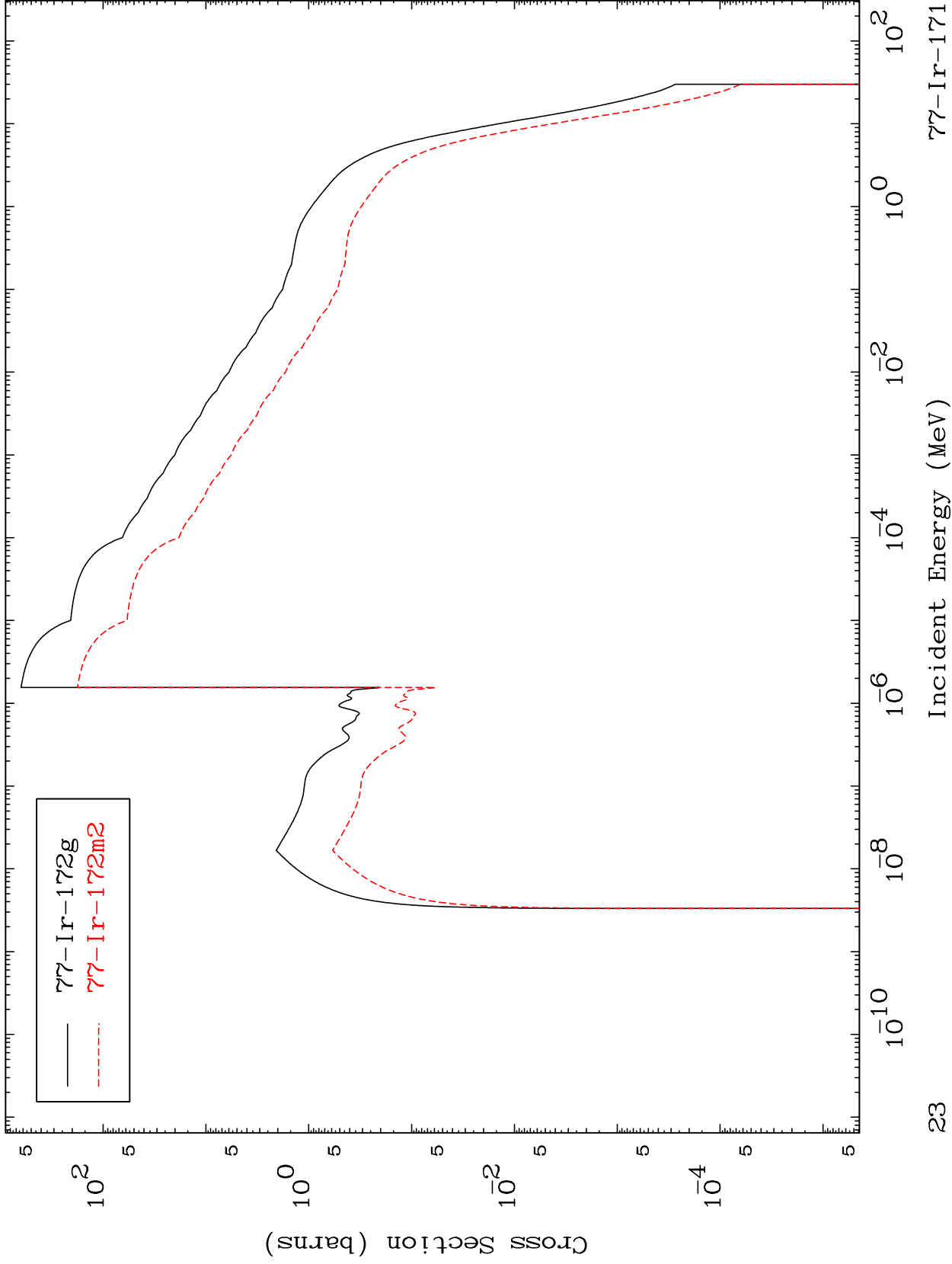
Incident Energy (MeV)

⁷⁷Ir-171

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⁷⁷Ir-171

Radionuclide Production Cross Section



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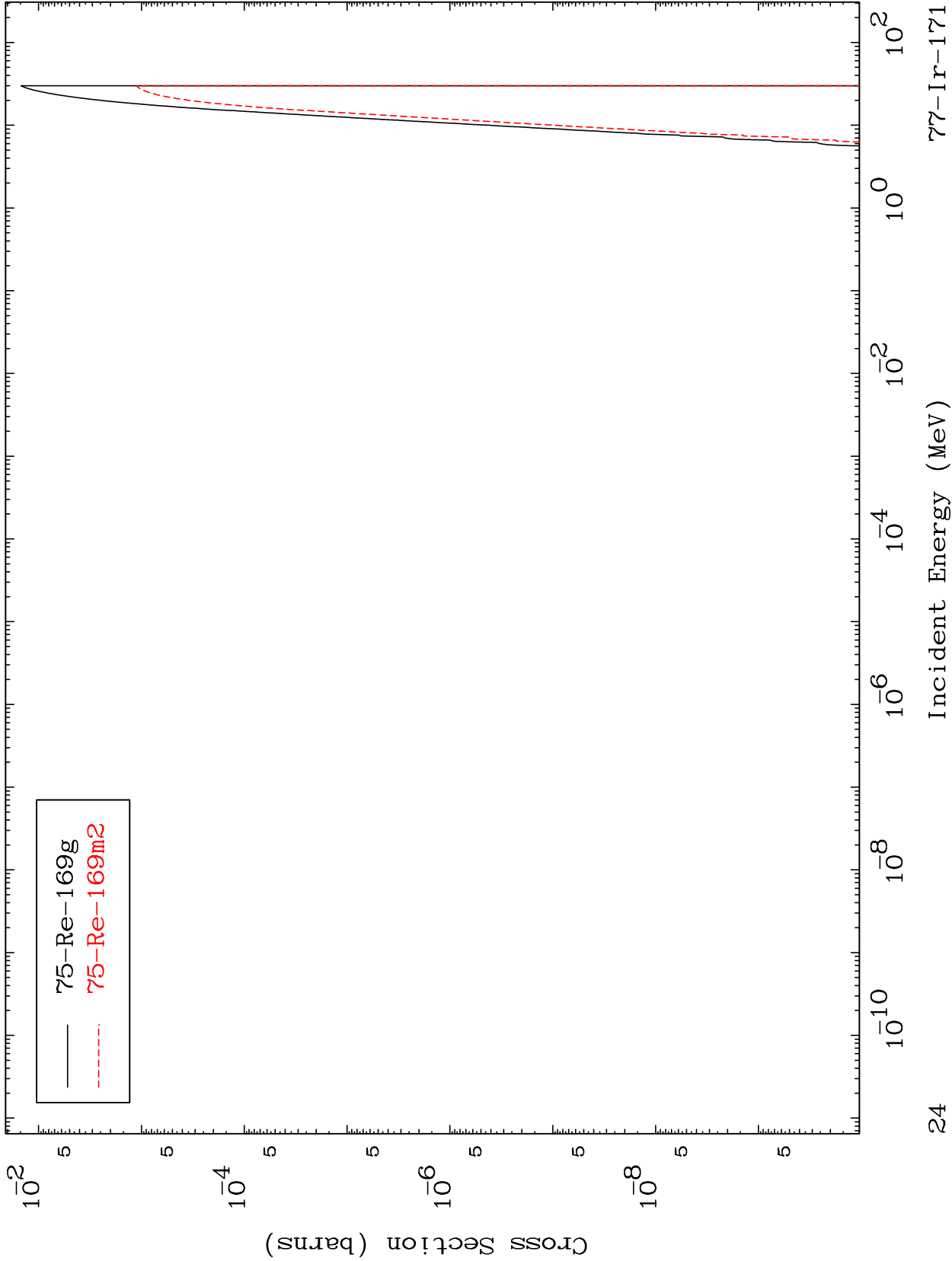
⁷⁷Ir-171

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(n,He-3)

⁷⁷Ir-171

Radionuclide Production Cross Section

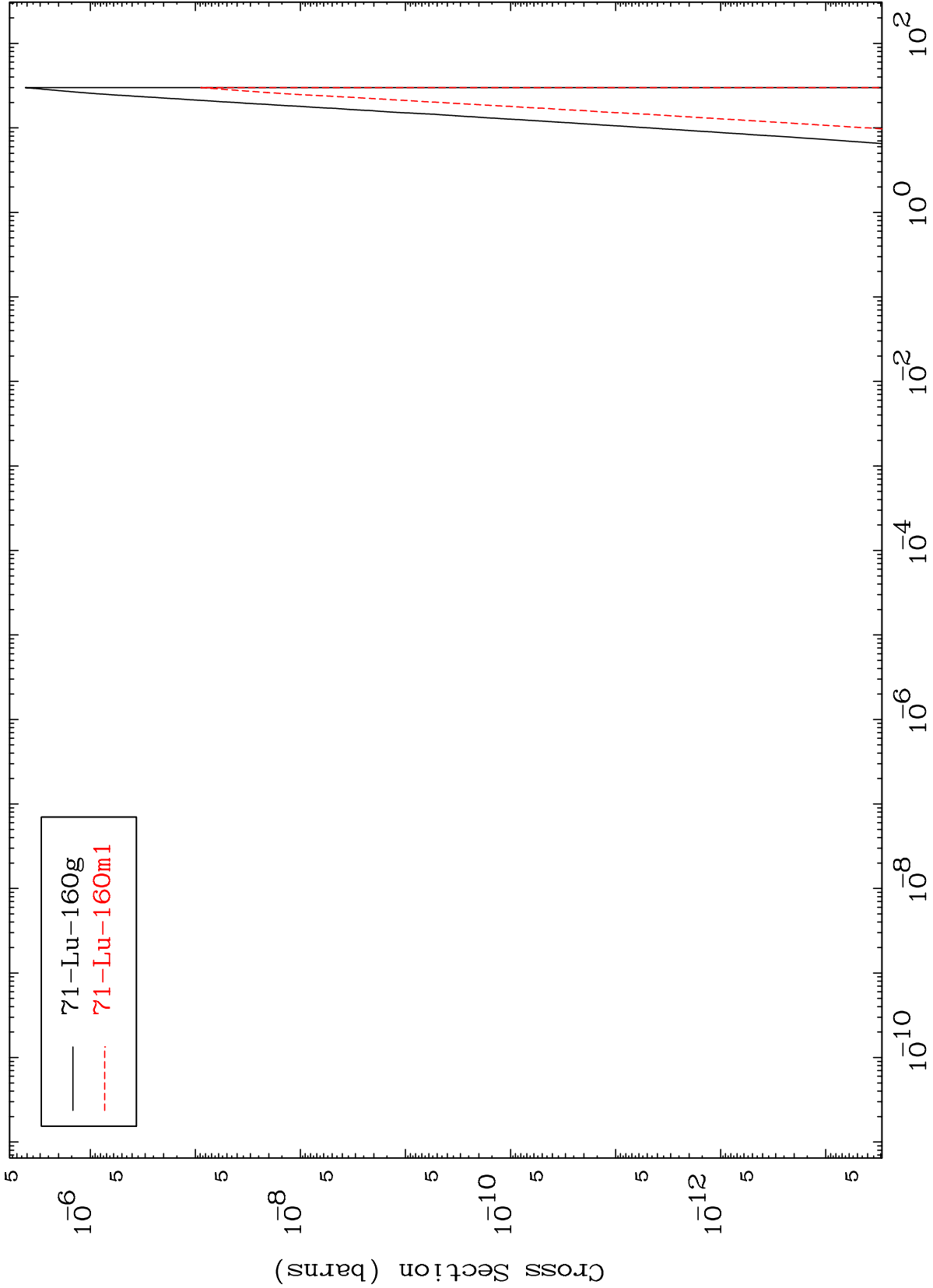


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(n,3α)

⁷⁷Ir-171

Radionuclide Production Cross Section



— ⁷¹Lu-160g
- - - ⁷¹Lu-160m1

Incident Energy (MeV)

⁷⁷Ir-171

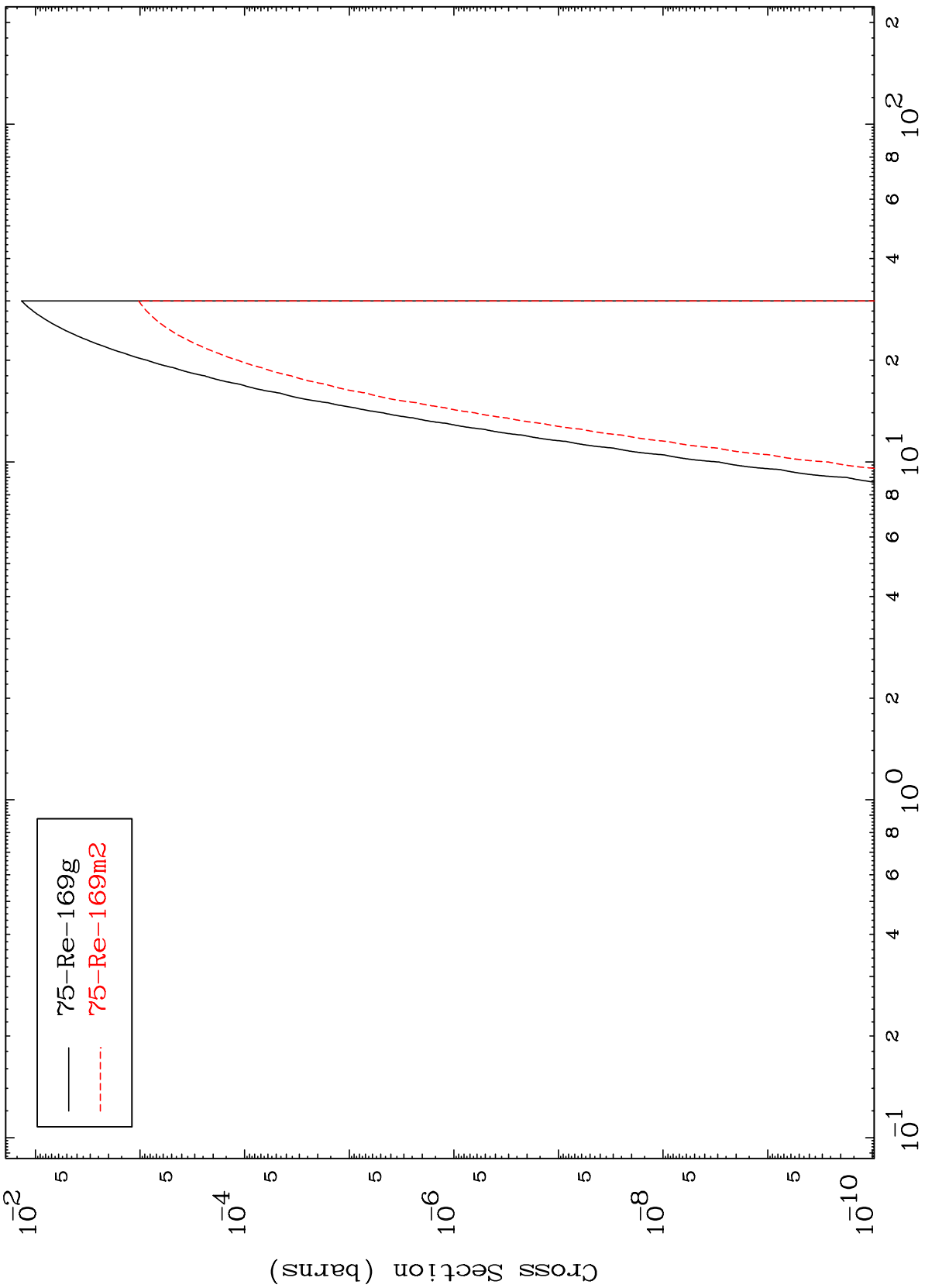
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(n,p) d

⁷⁷Ir-171

Radionuclide Production Cross Section



75-Re-169g
75-Re-169m2

26

Incident Energy (MeV)

⁷⁷Ir-171