

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

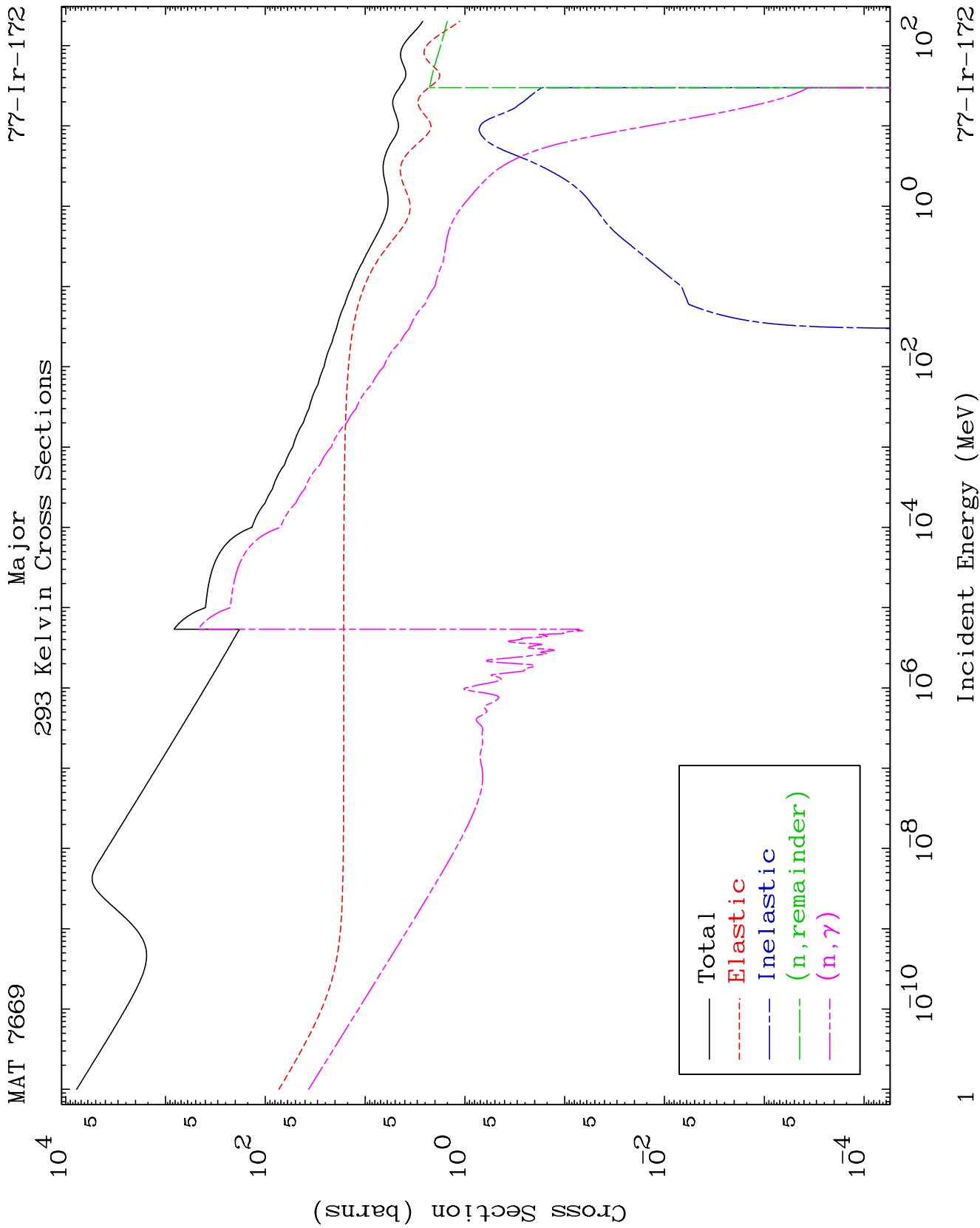
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Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

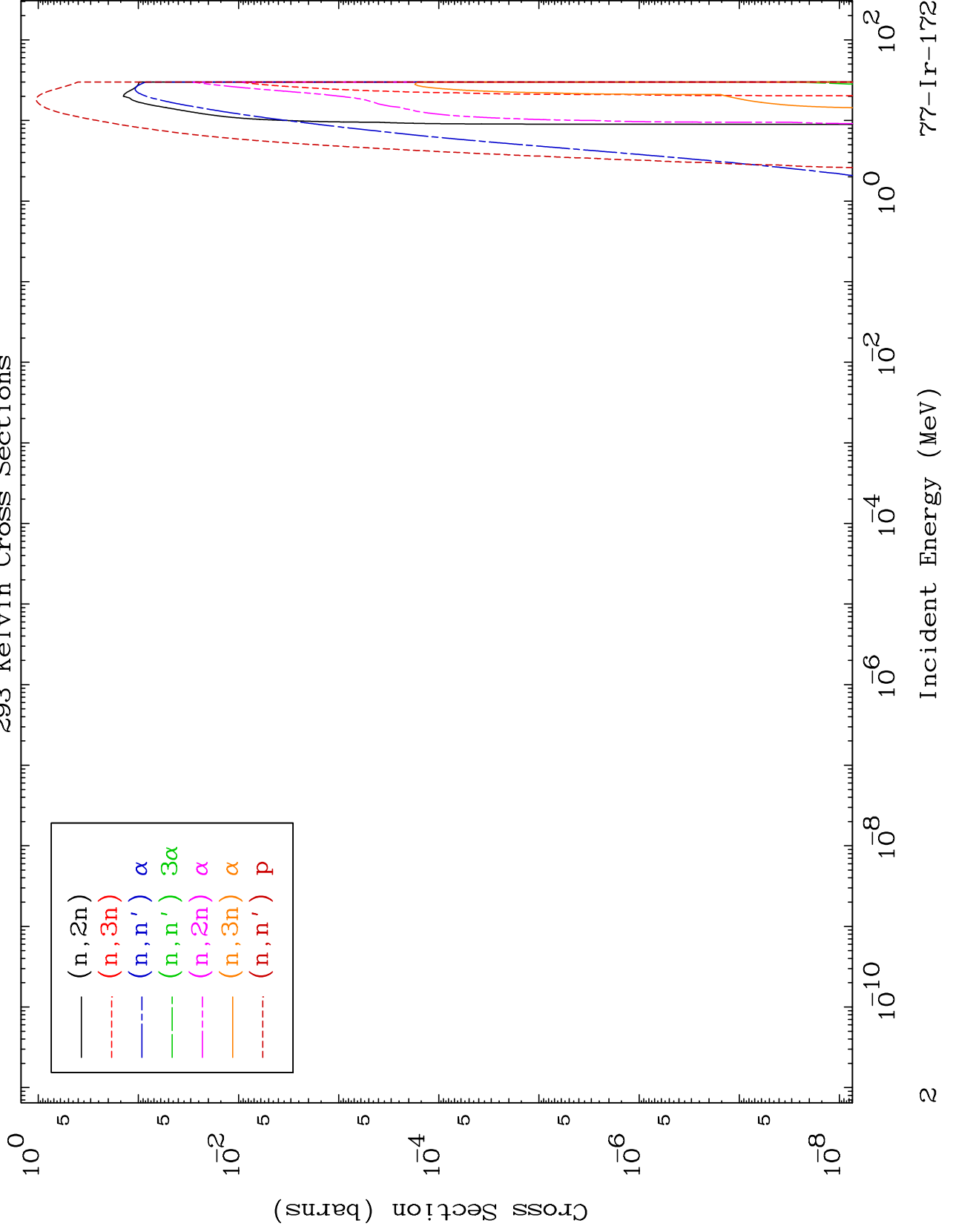
Press Mouse Button to Start



MAT 7669

Neutron Production
293 Kelvin Cross Sections

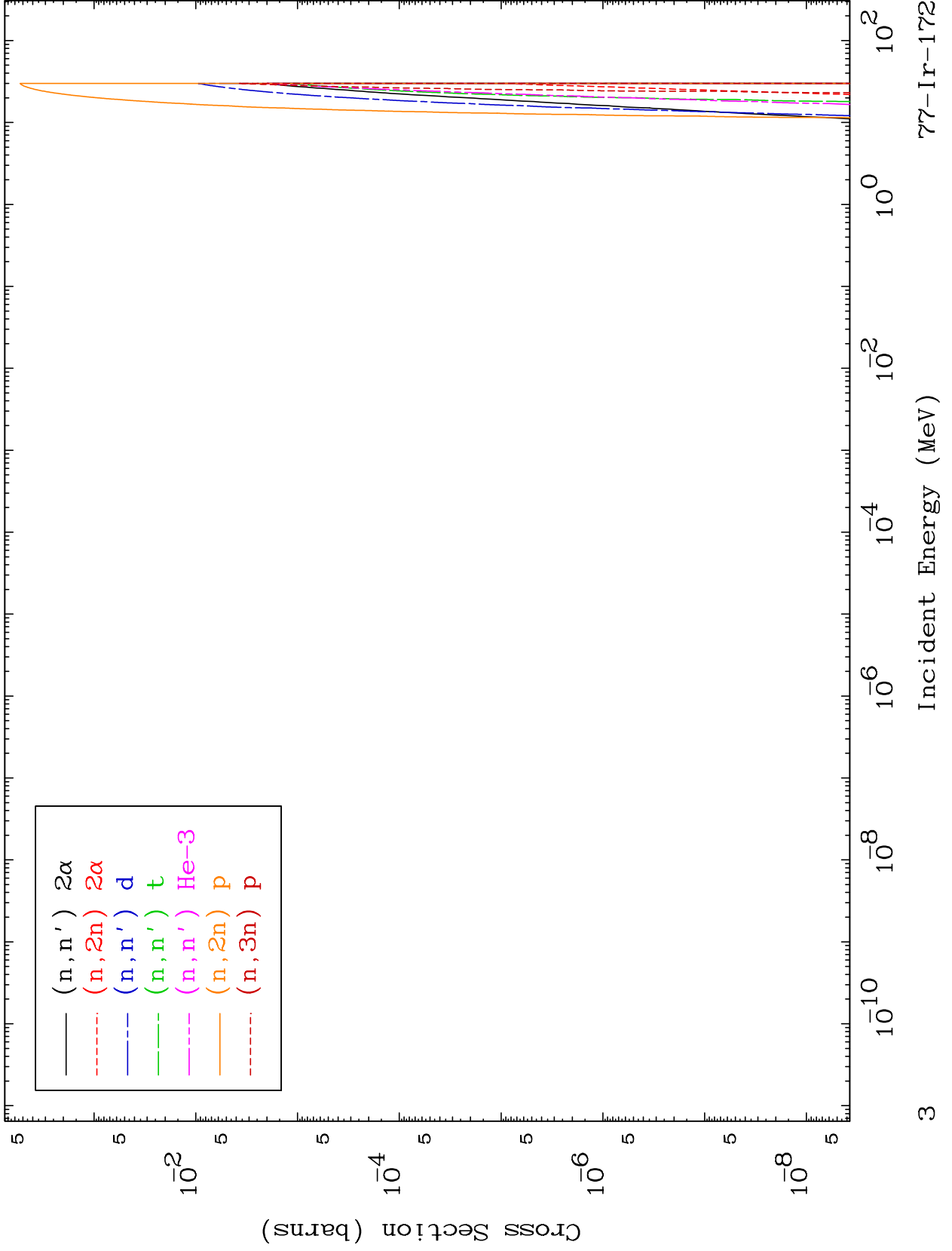
77-Ir-172



MAT 7669

Neutron Production
293 Kelvin Cross Sections

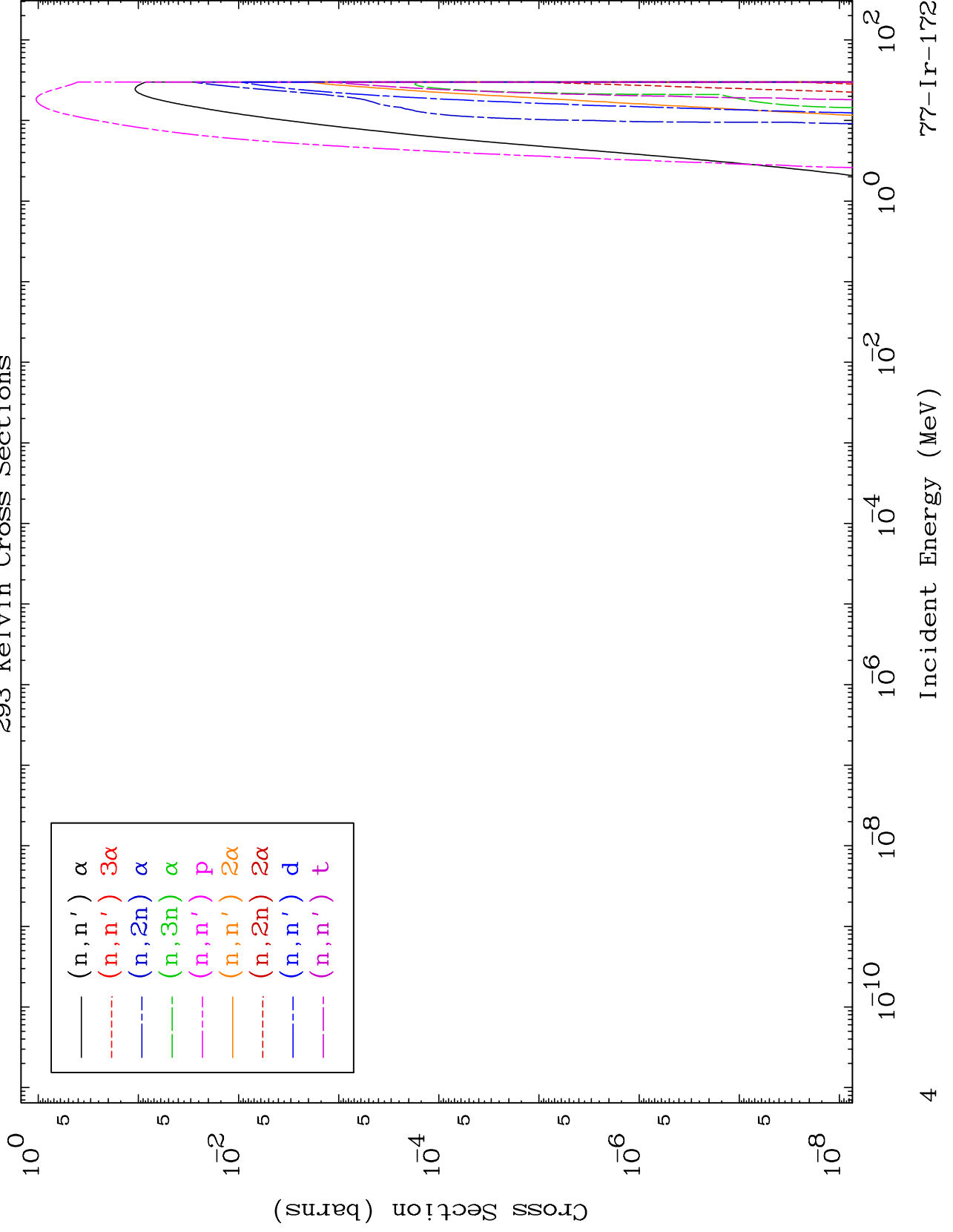
77-Ir-172



MAT 7669

Charged Particle
293 Kelvin Cross Sections

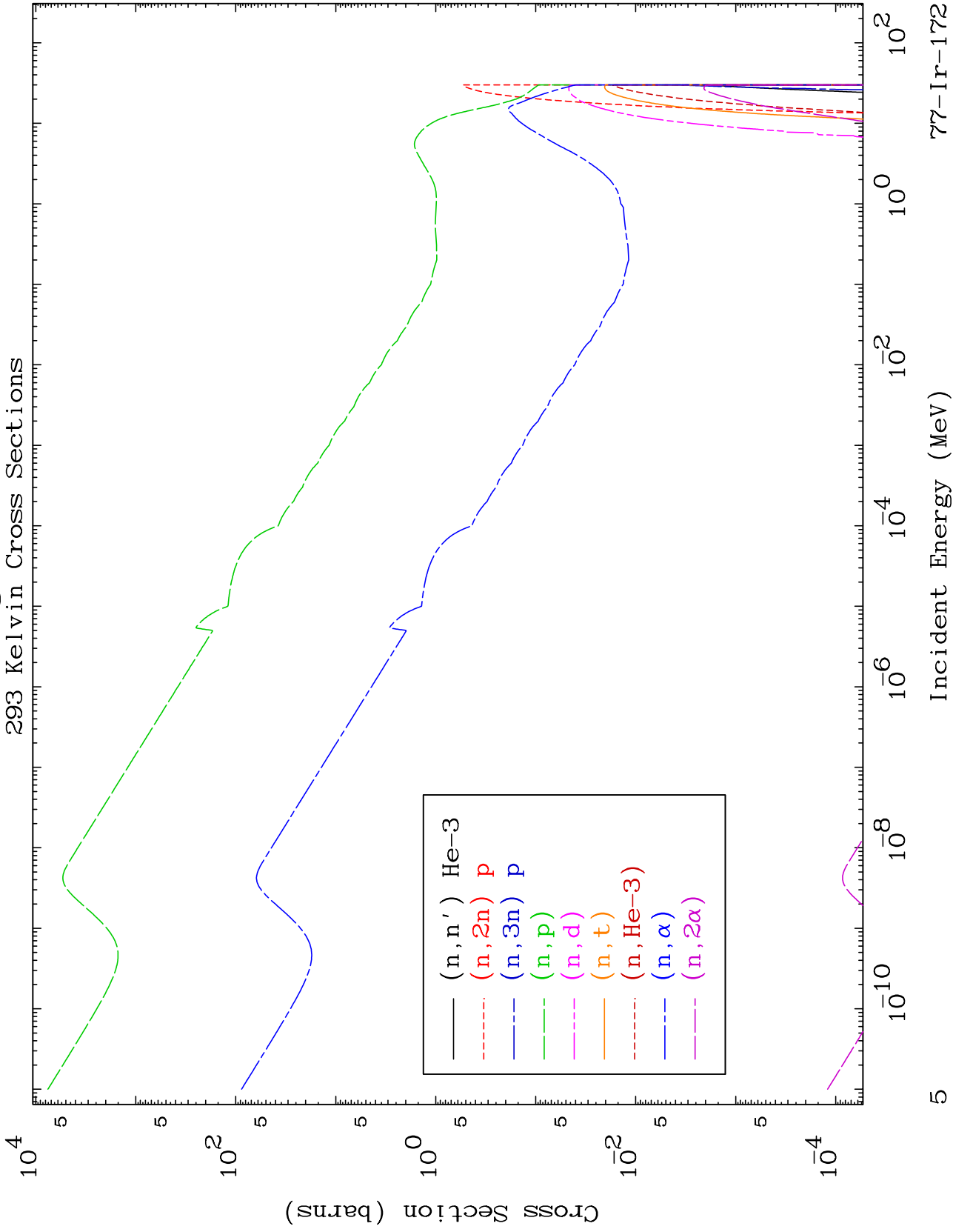
77-Ir-172



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Charged Particle
293 Kelvin Cross Sections

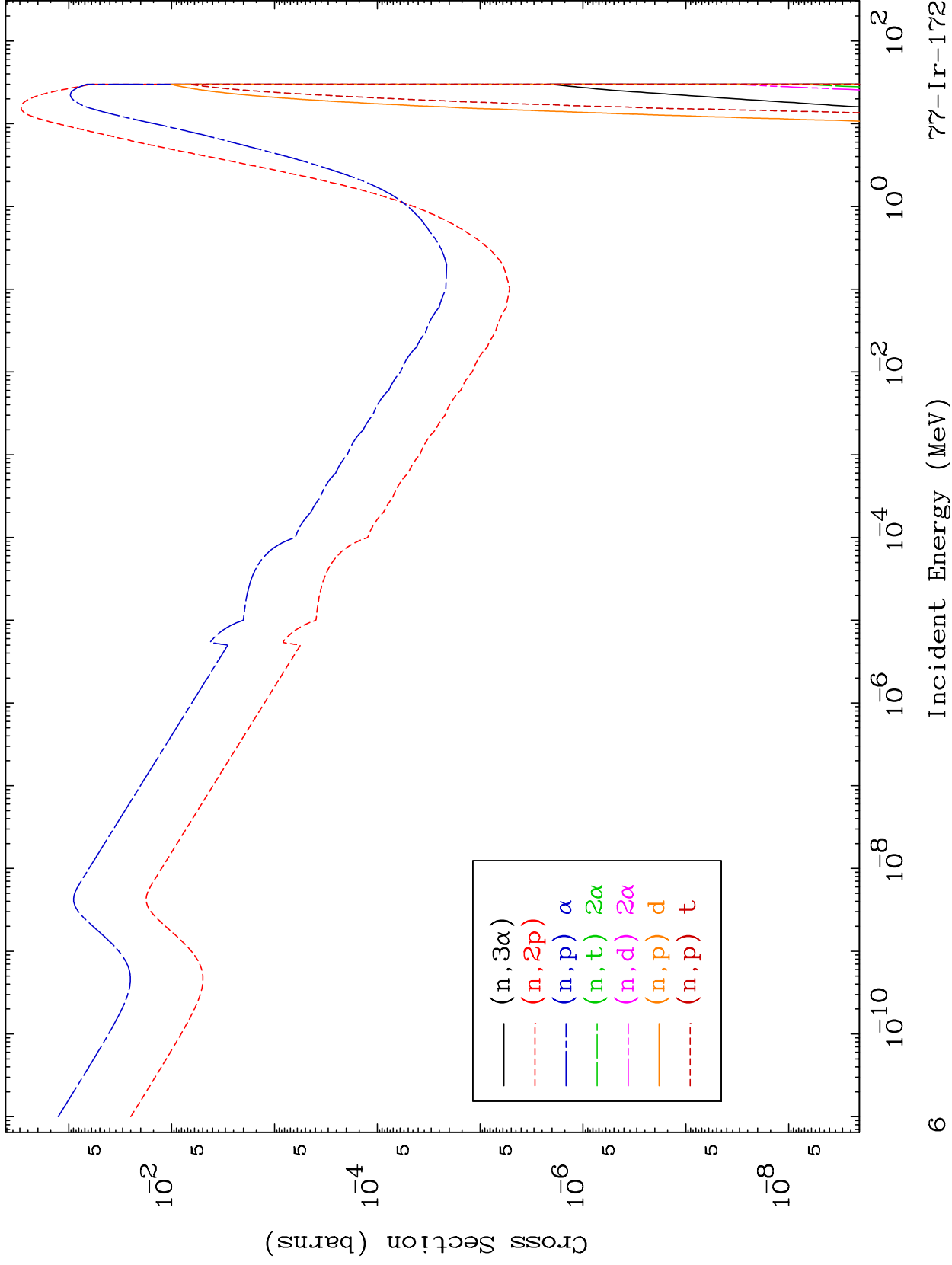
77-Ir-172



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Charged Particle
293 Kelvin Cross Sections

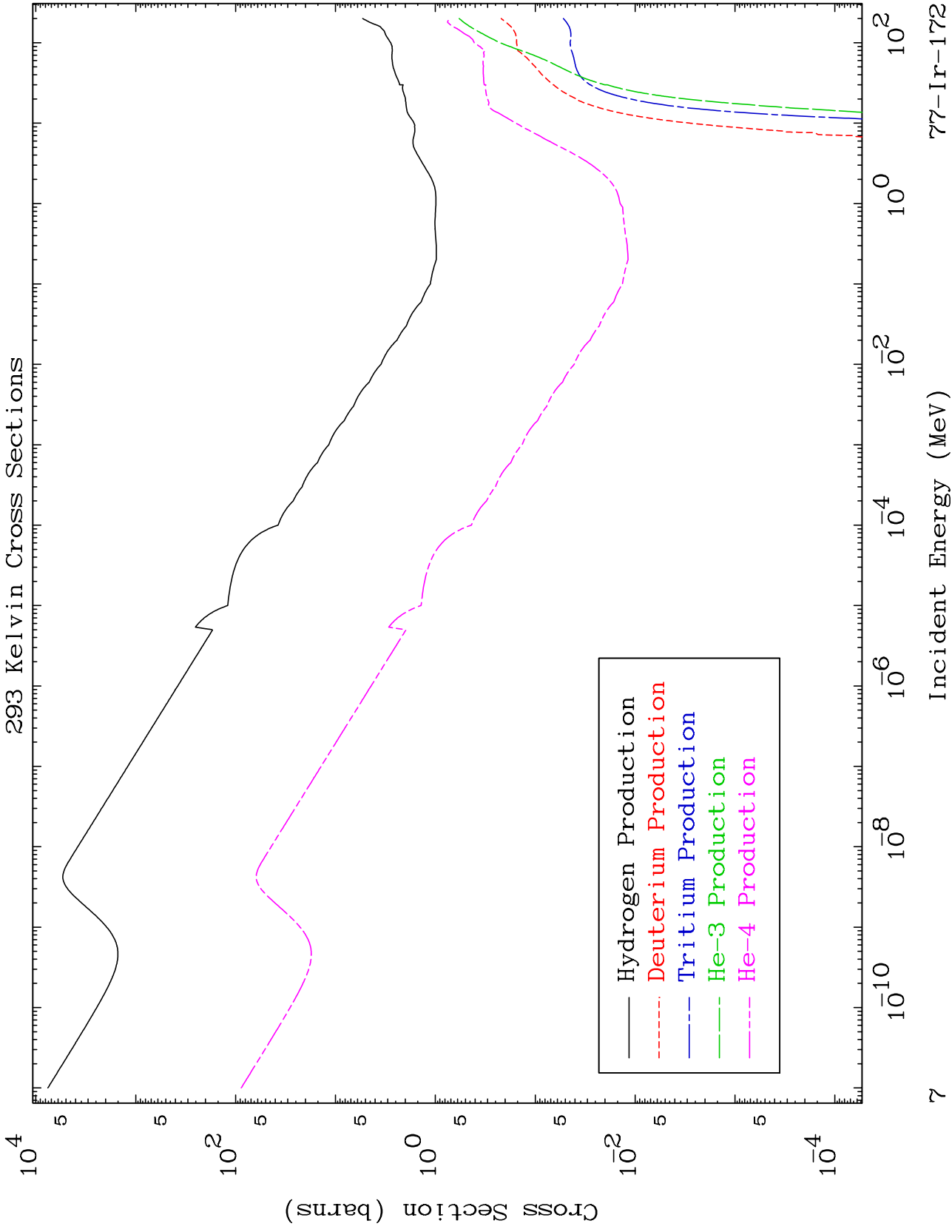
77-Ir-172

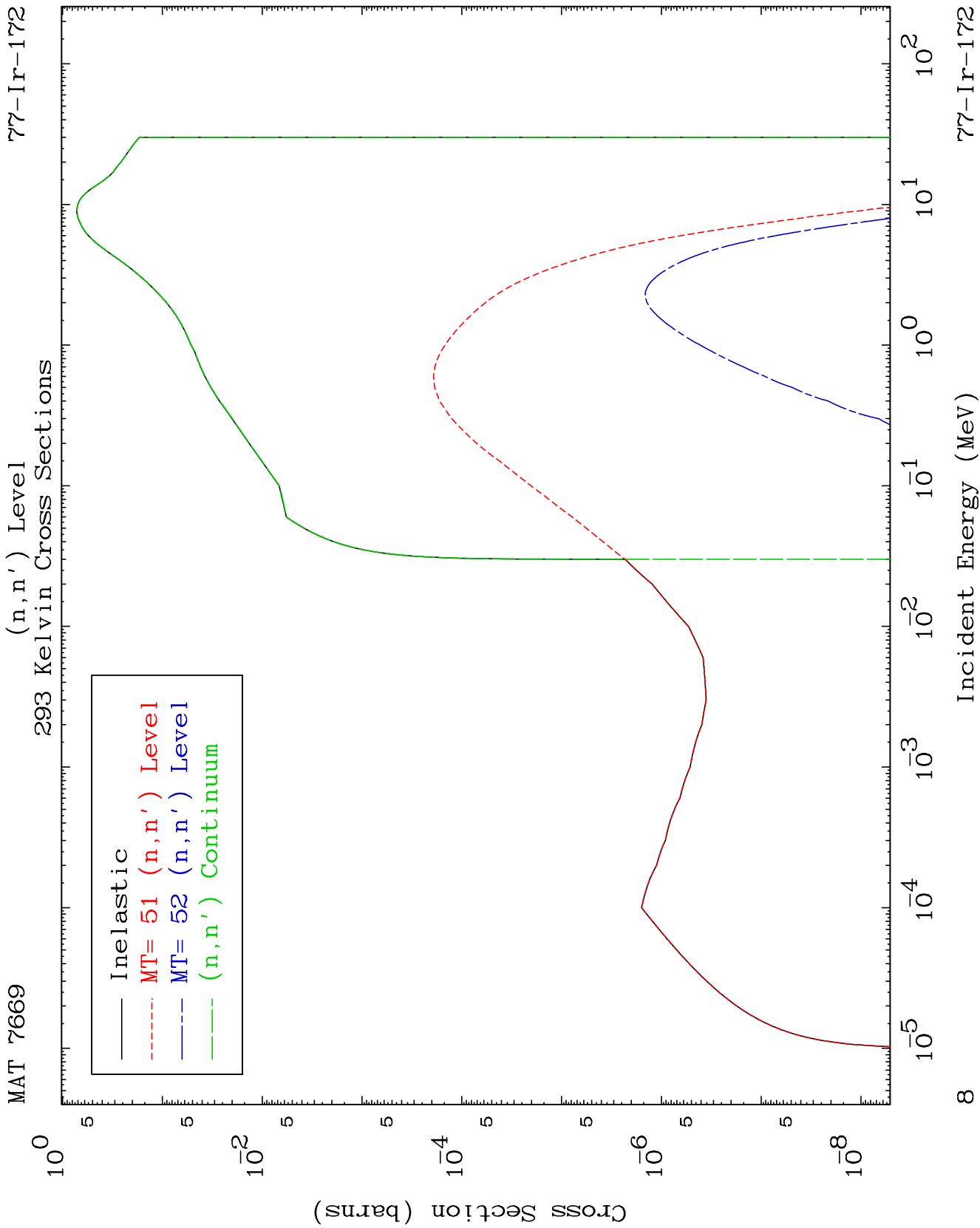


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Particle Production
293 Kelvin Cross Sections

77-Ir-172

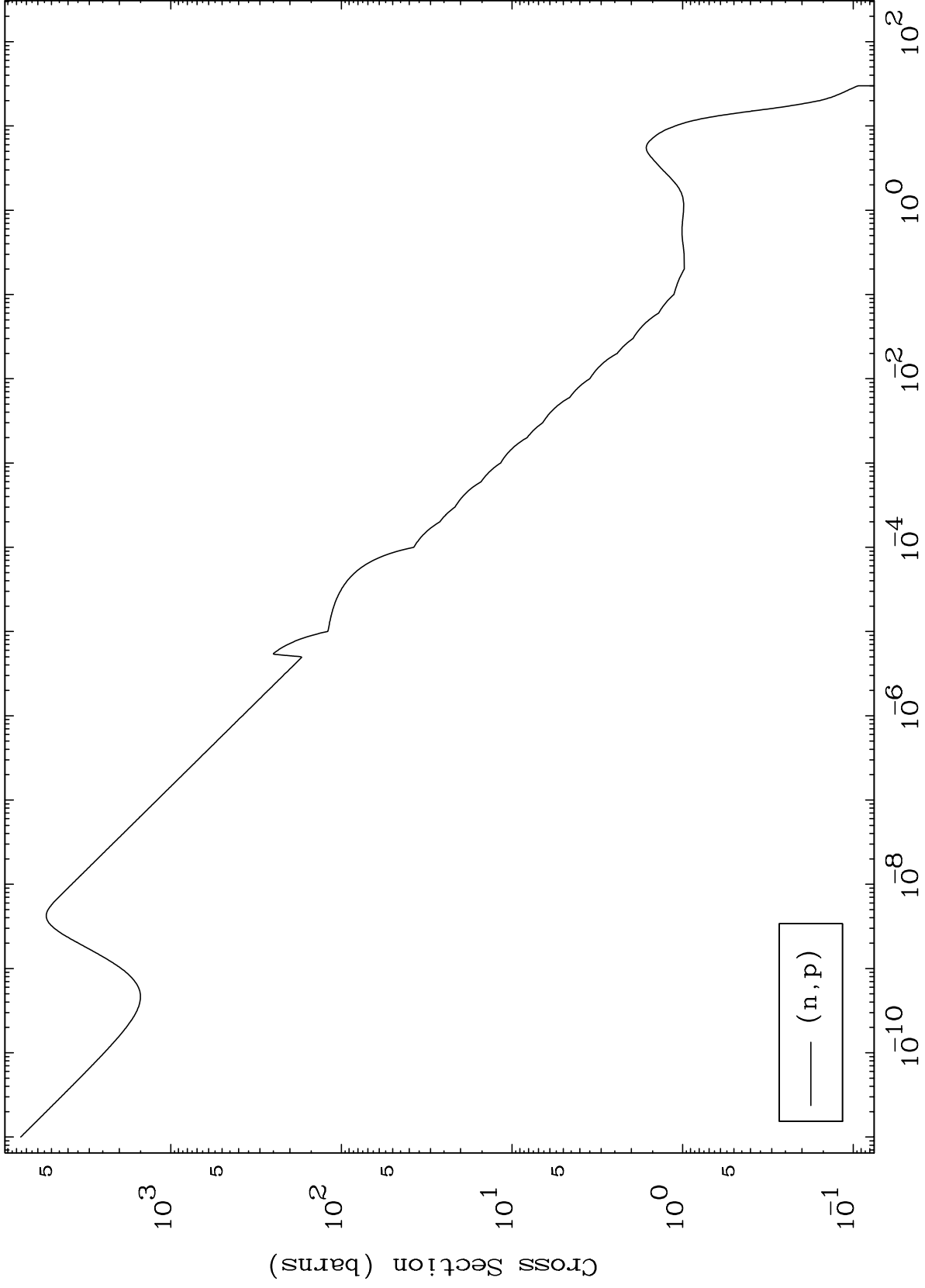




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(n,p) Levels
293 Kelvin Cross Sections

77-Ir-172

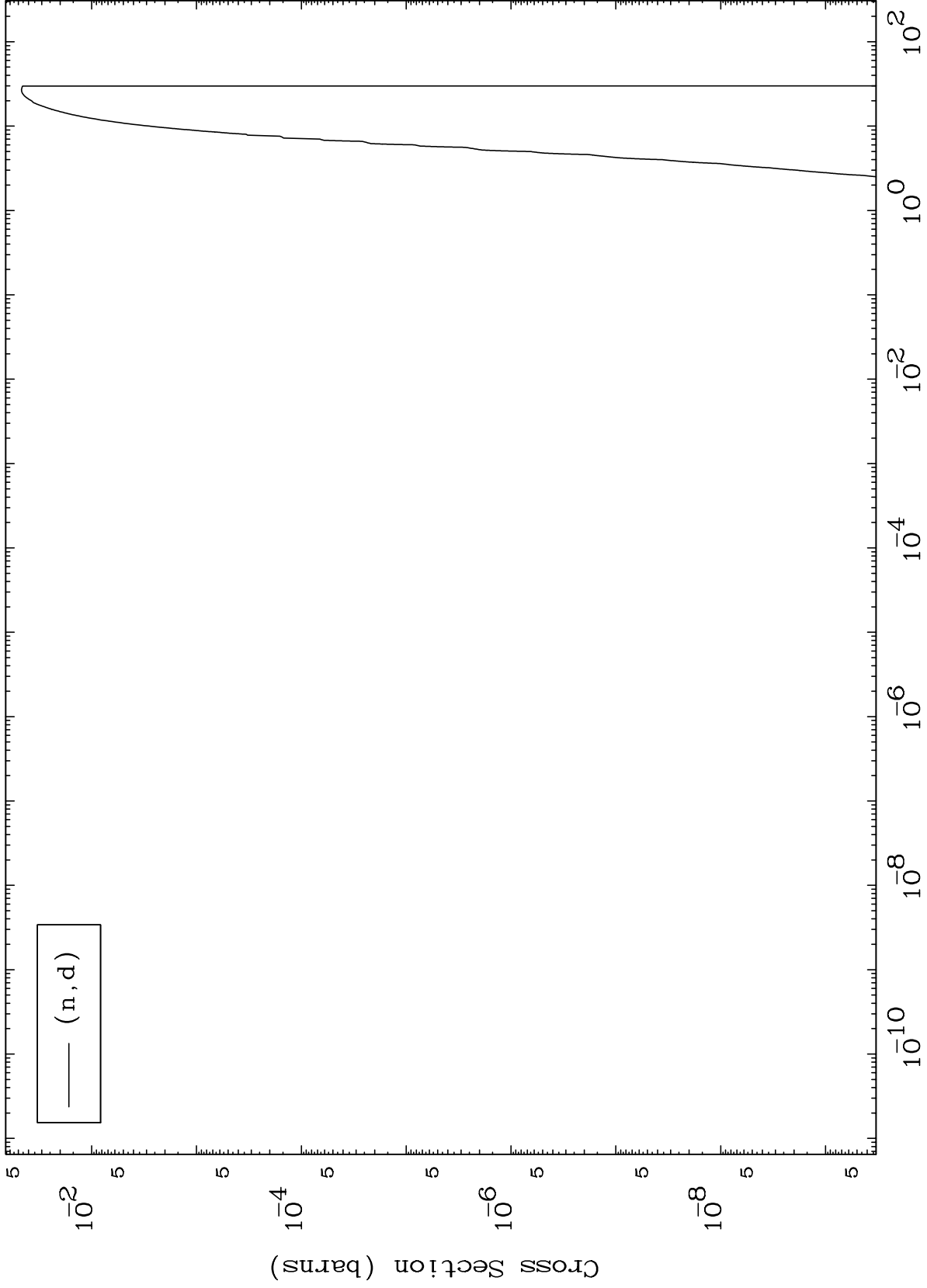


(n,p)

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(n,d) Levels
293 Kelvin Cross Sections

77-Ir-172



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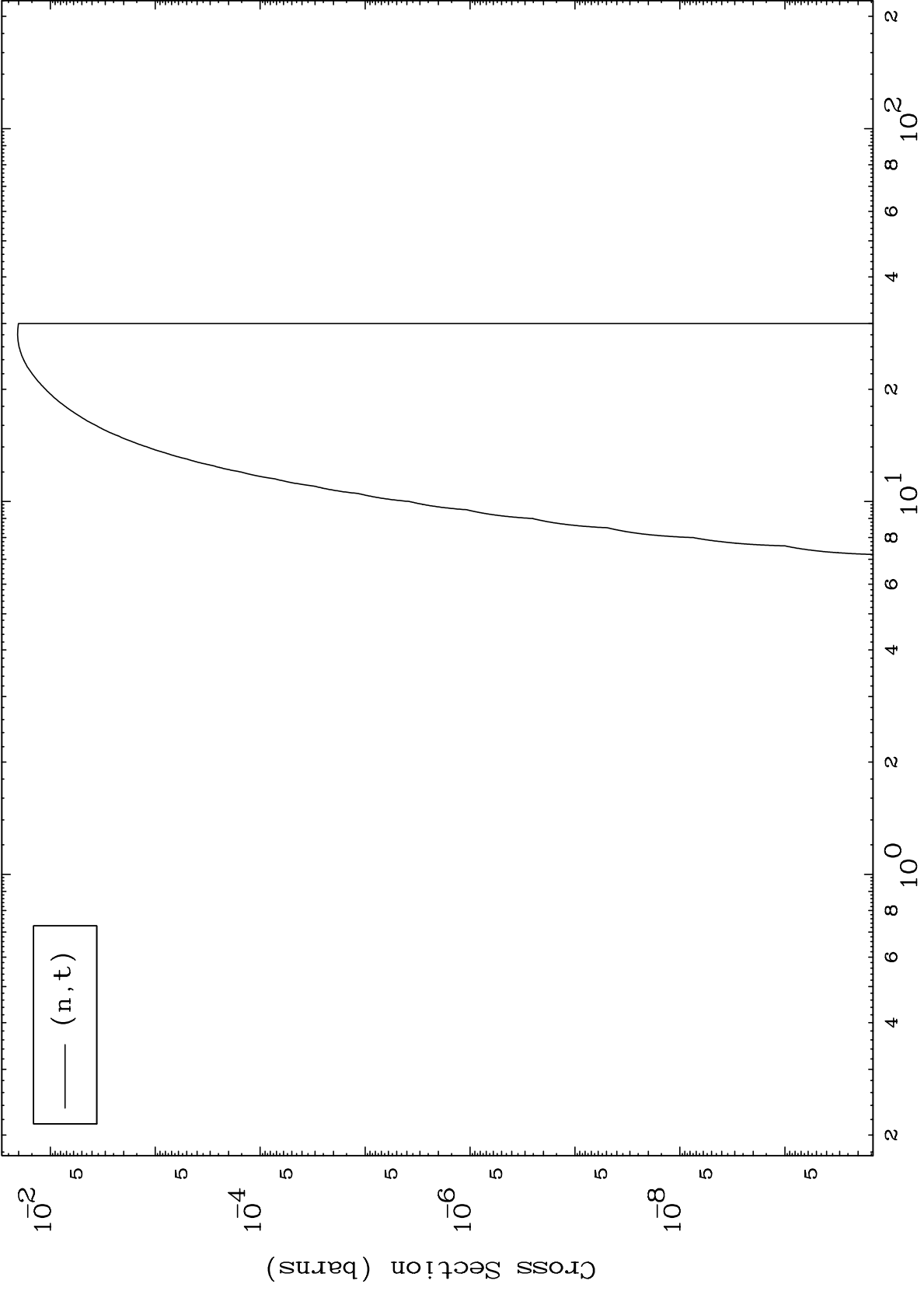
Incident Energy (MeV)

77-Ir-172

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(n,t) Levels
293 Kelvin Cross Sections

77-Ir-172

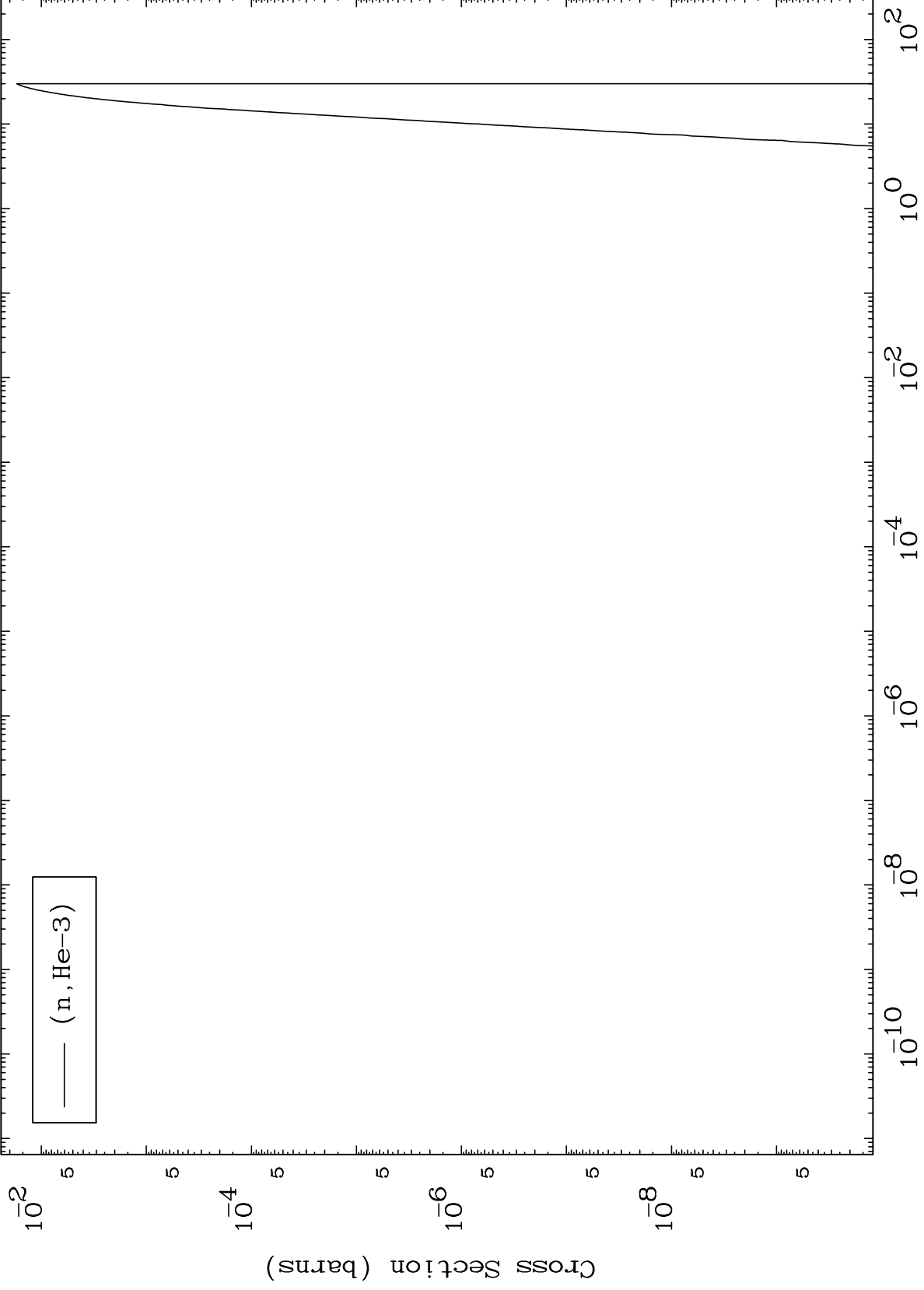


(n,t)

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(n,He3) Levels
293 Kelvin Cross Sections

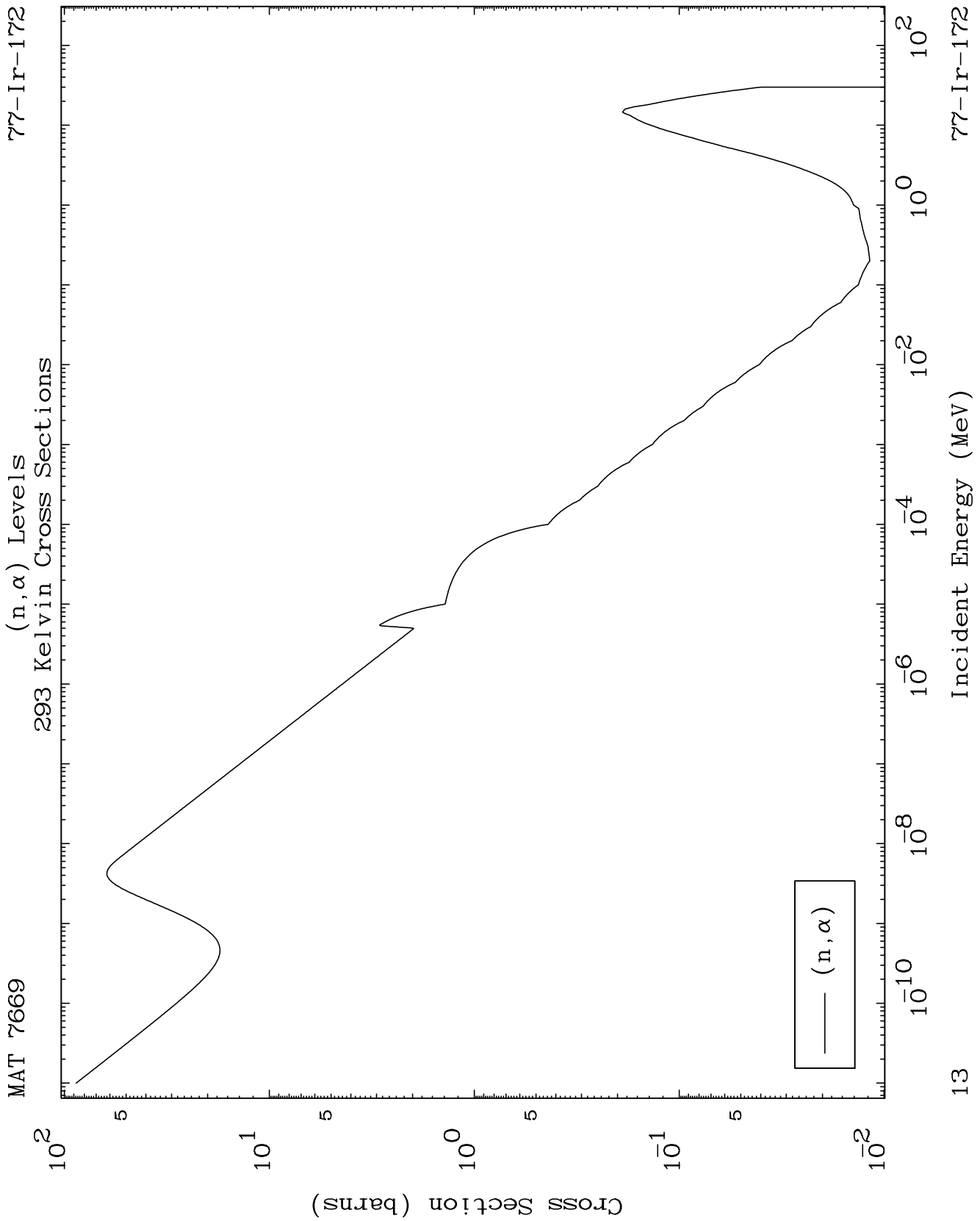
77-Ir-172

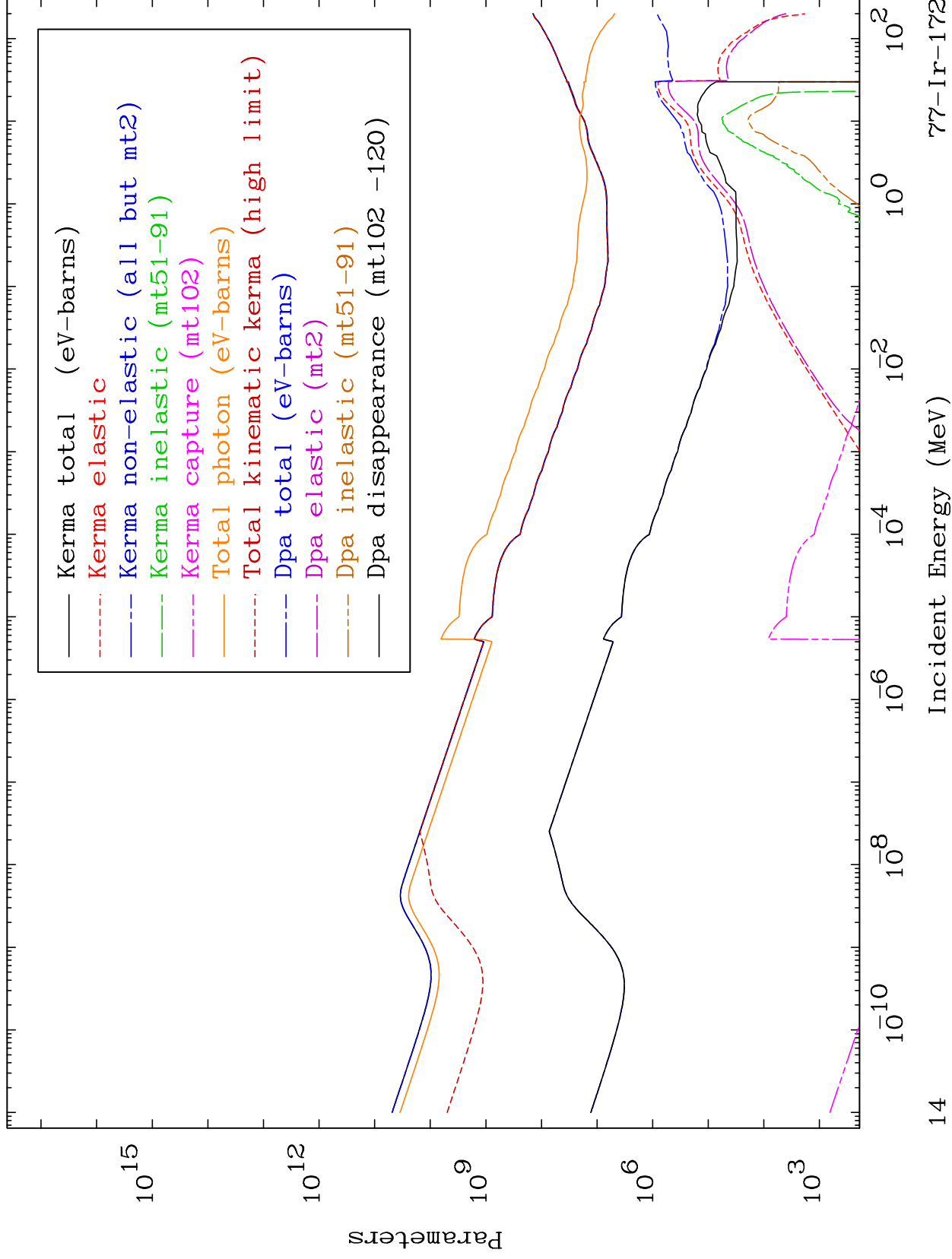


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Incident Energy (MeV)

77-Ir-172

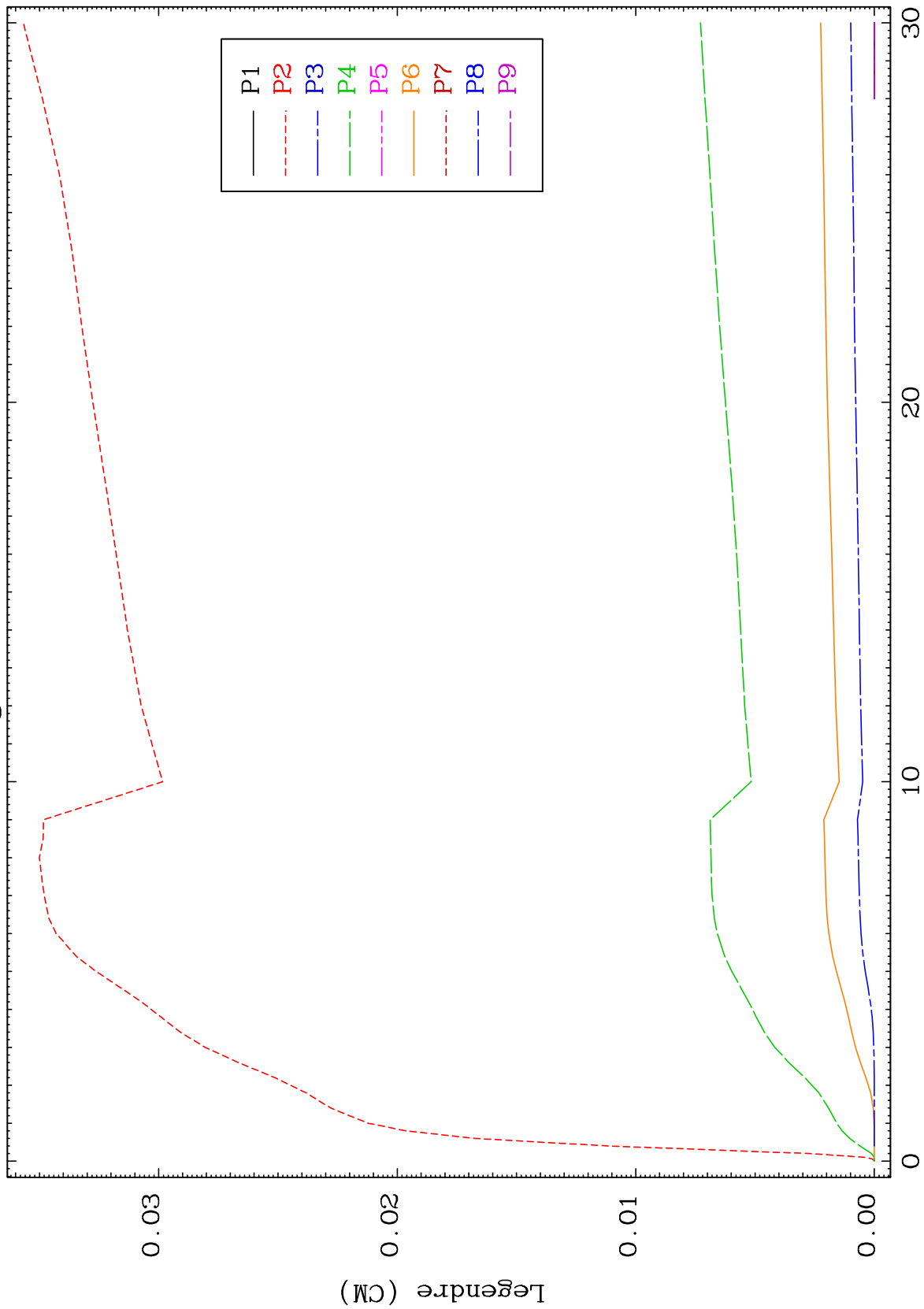




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Elastic Legendre Coefficients

77-Ir-172



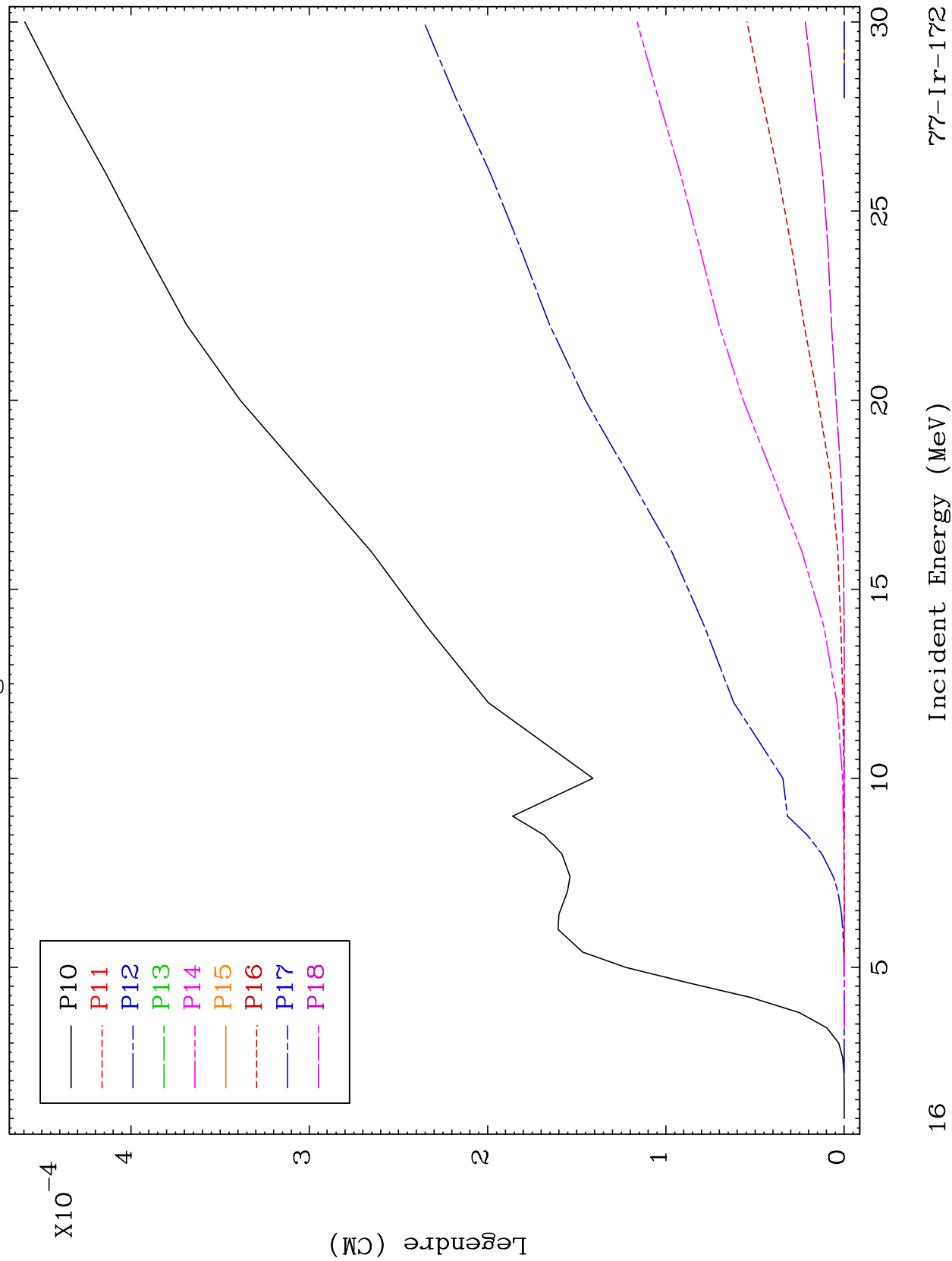
Incident Energy (MeV)

77-Ir-172

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Elastic Legendre Coefficients

⁷⁷Ir-172



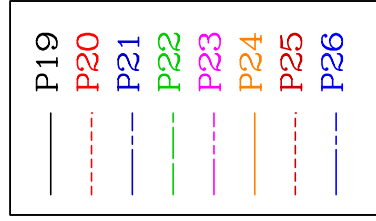
16

⁷⁷Ir-172

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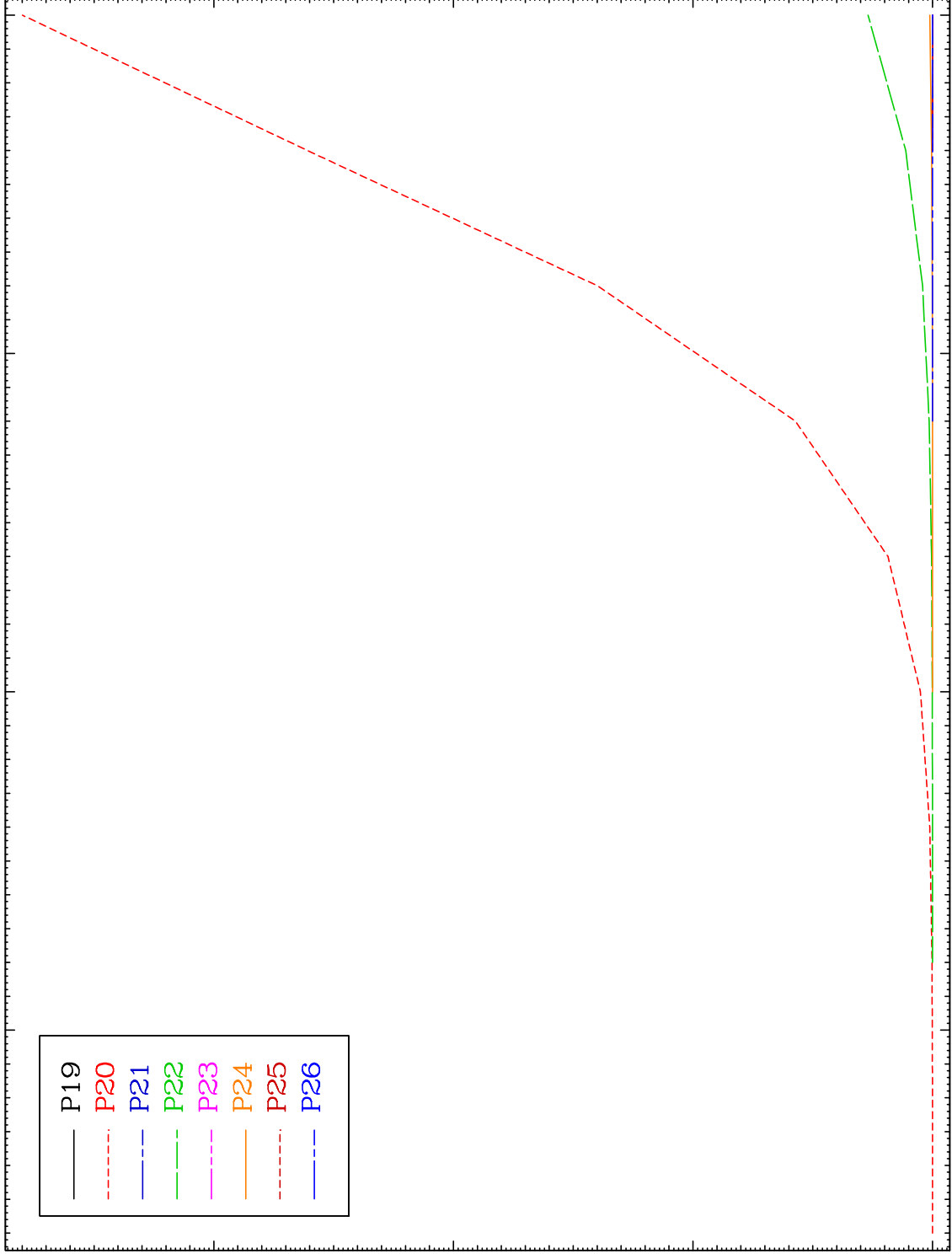
Elastic Legendre Coefficients

⁷⁷Ir-172



$\times 10^{-6}$

Legendre (CM)



17

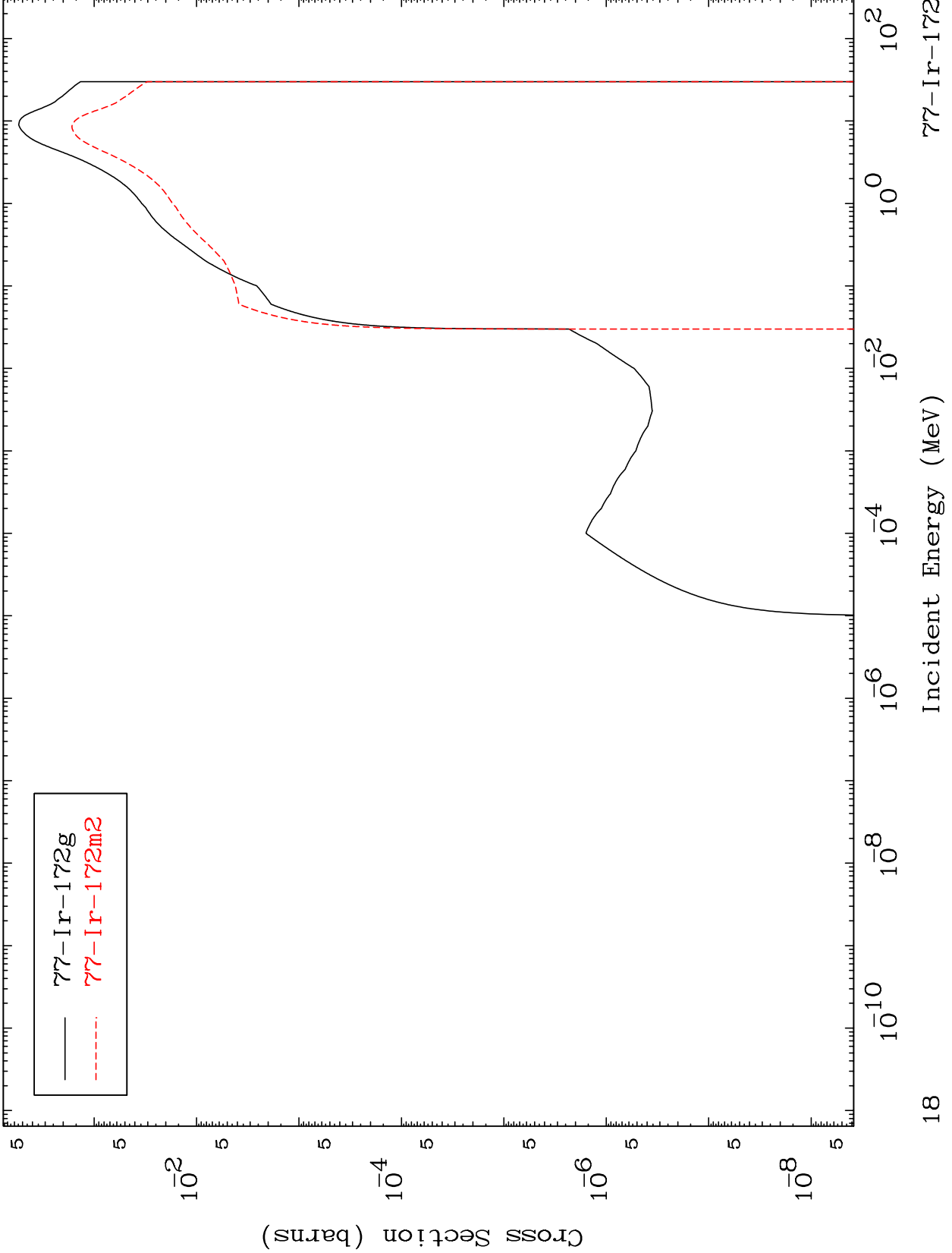
Incident Energy (MeV)

⁷⁷Ir-172

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Inelastic
Radionuclide Production Cross Section

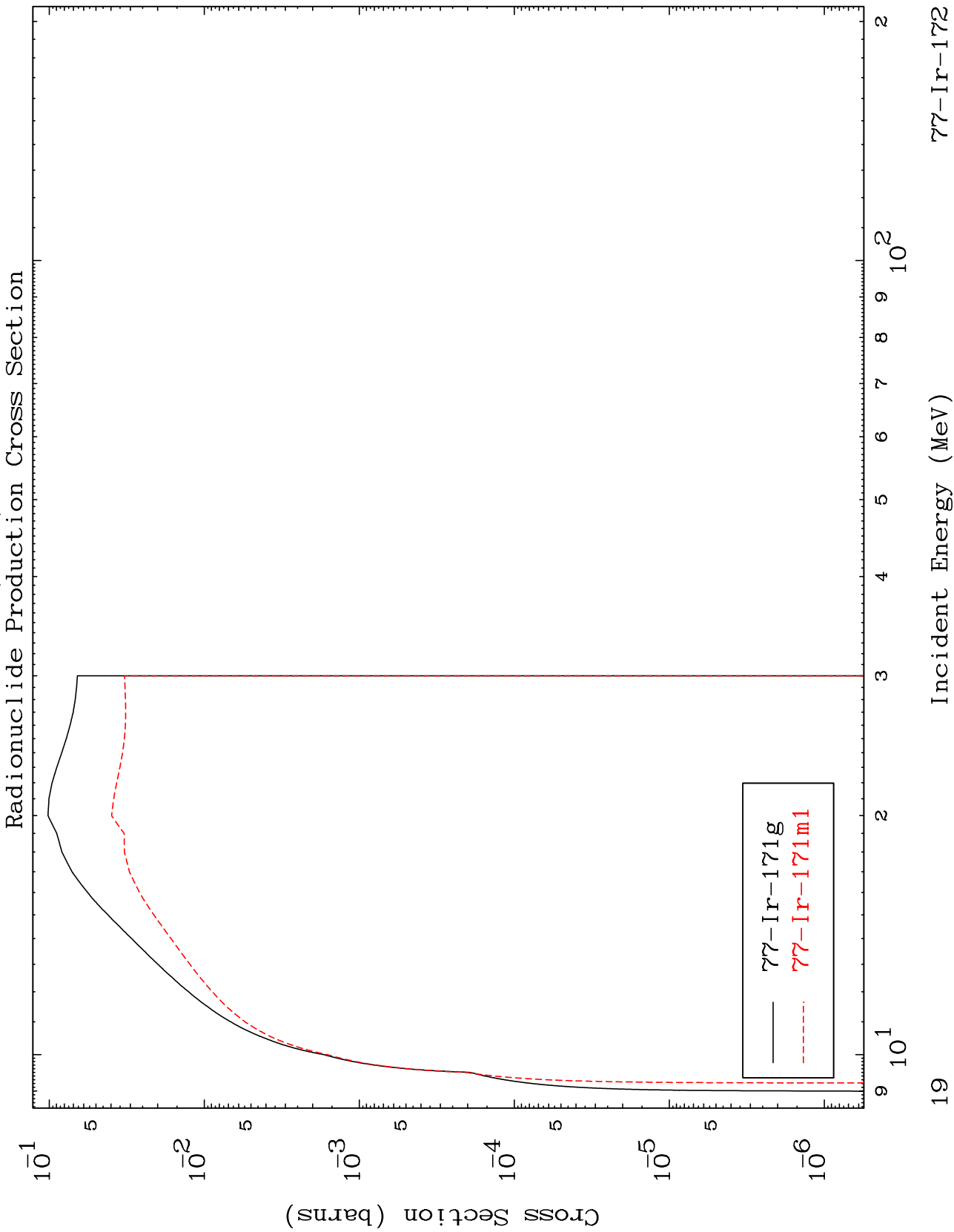
⁷⁷Ir-172



— 77-Ir-172g
- - - 77-Ir-172m2

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⁷⁷Ir-172



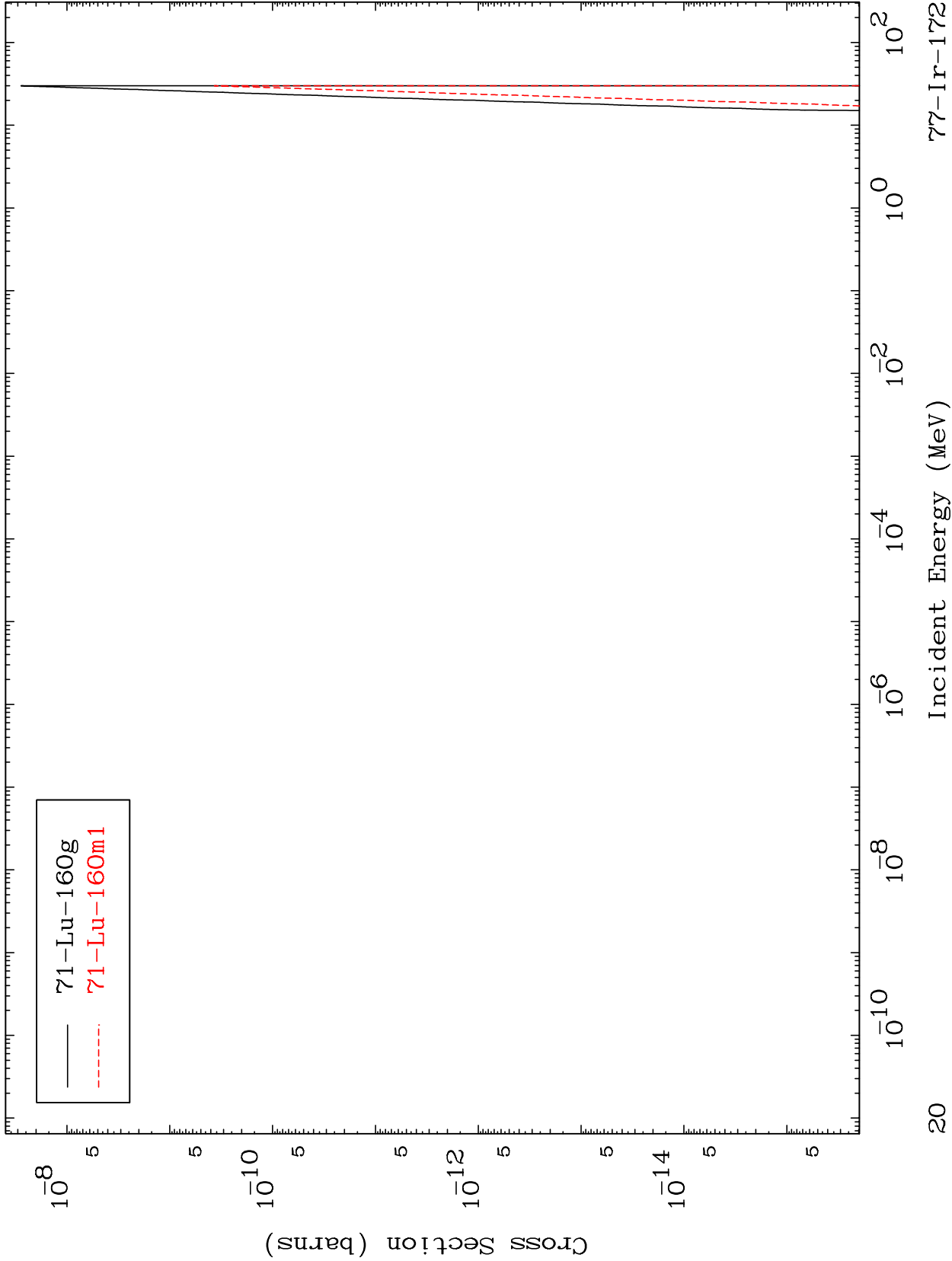
19

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(n,n') 3 α

⁷⁷Ir-172

Radionuclide Production Cross Section

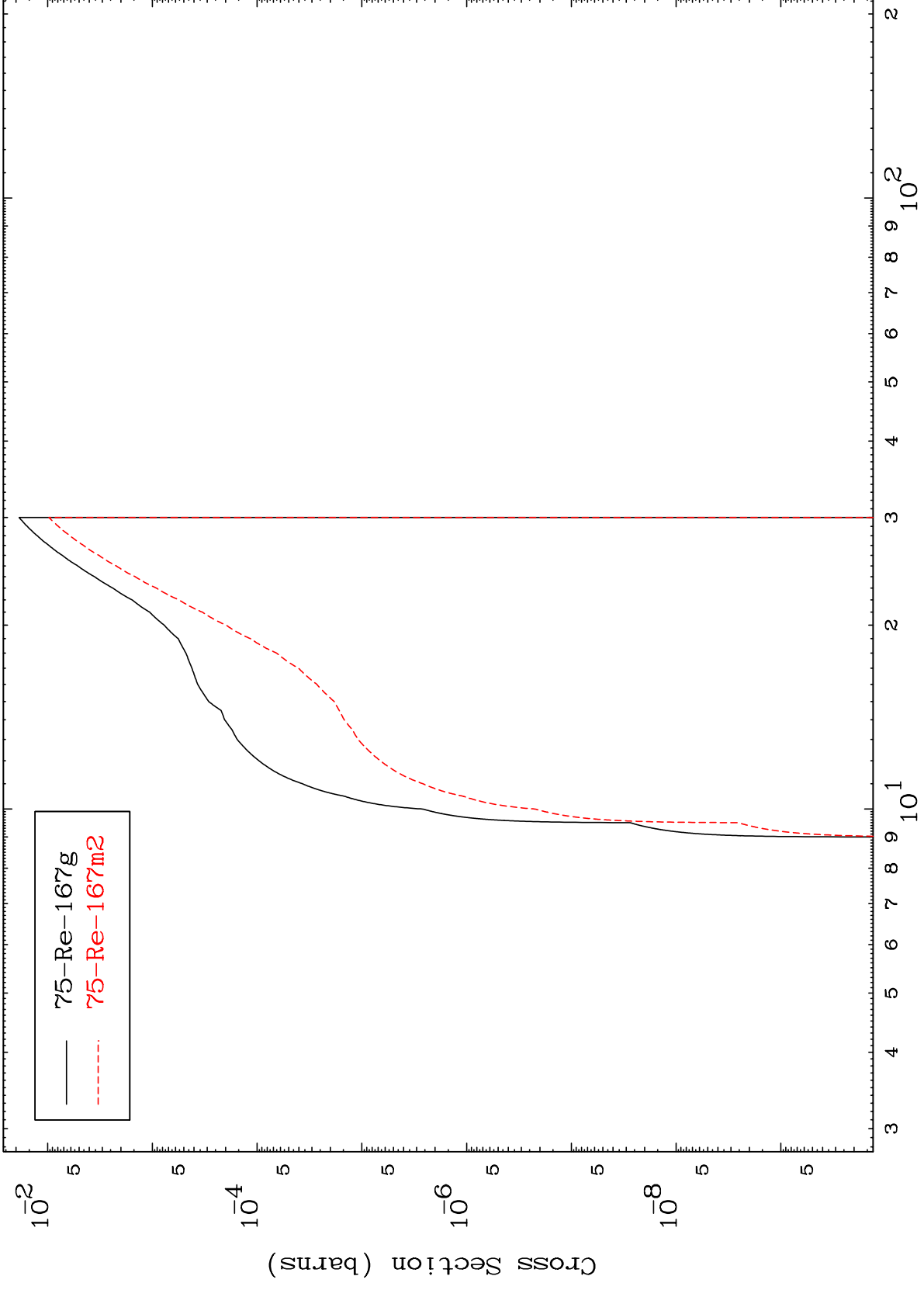


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$(n,2n) \alpha$

$^{77}\text{Ir-172}$

Radionuclide Production Cross Section

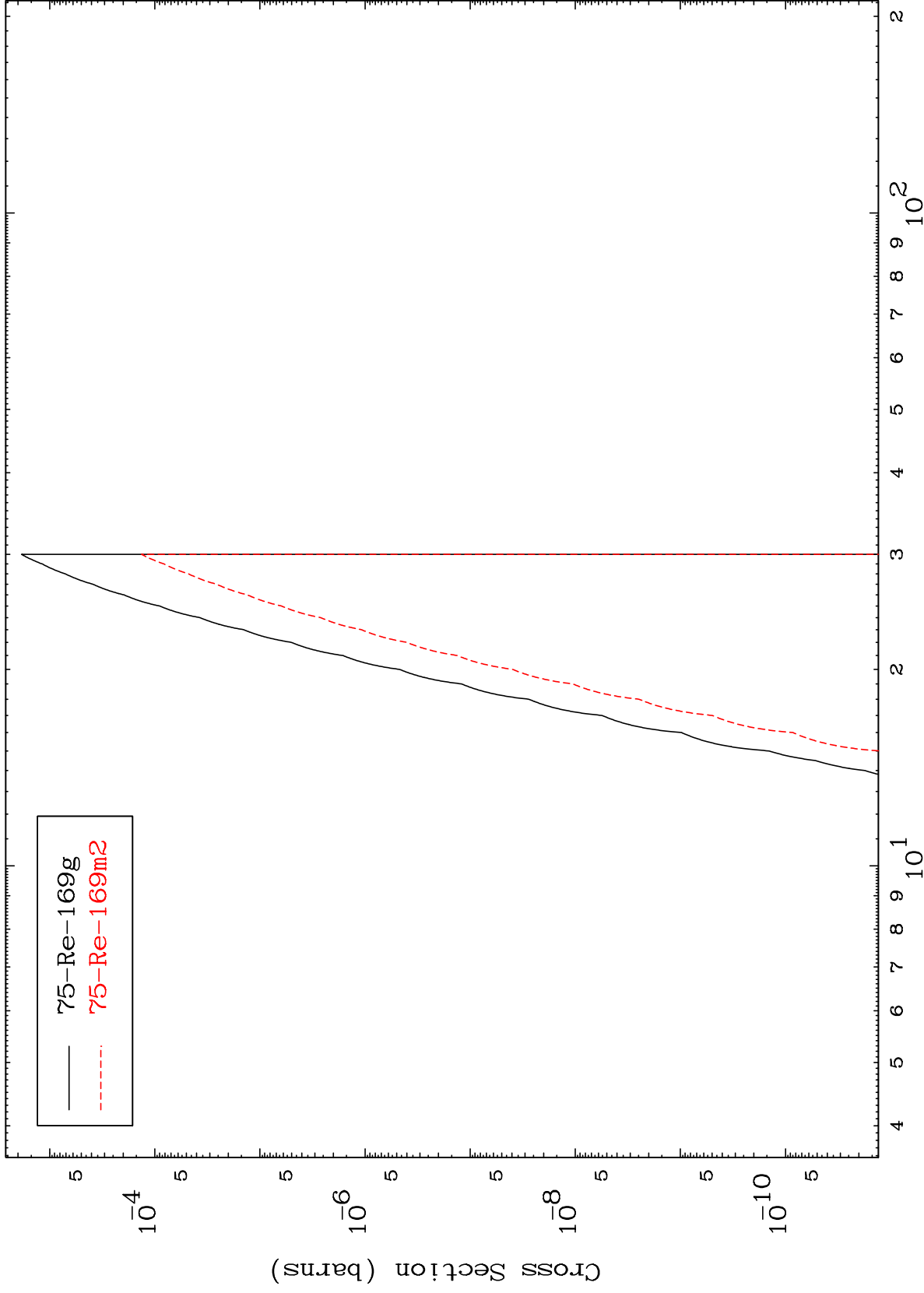


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(n,n') He-3

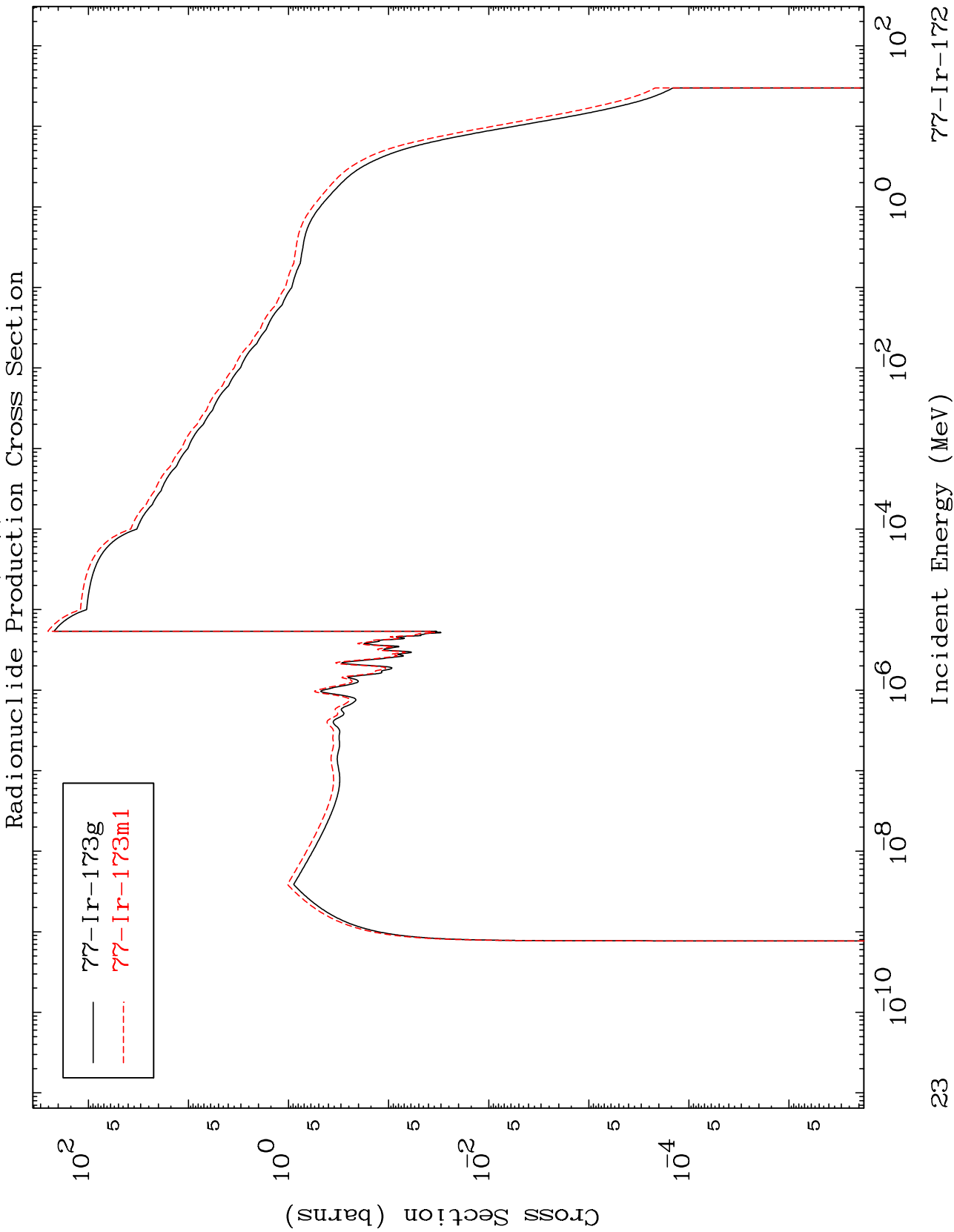
77-Ir-172

Radionuclide Production Cross Section



MAT 7669

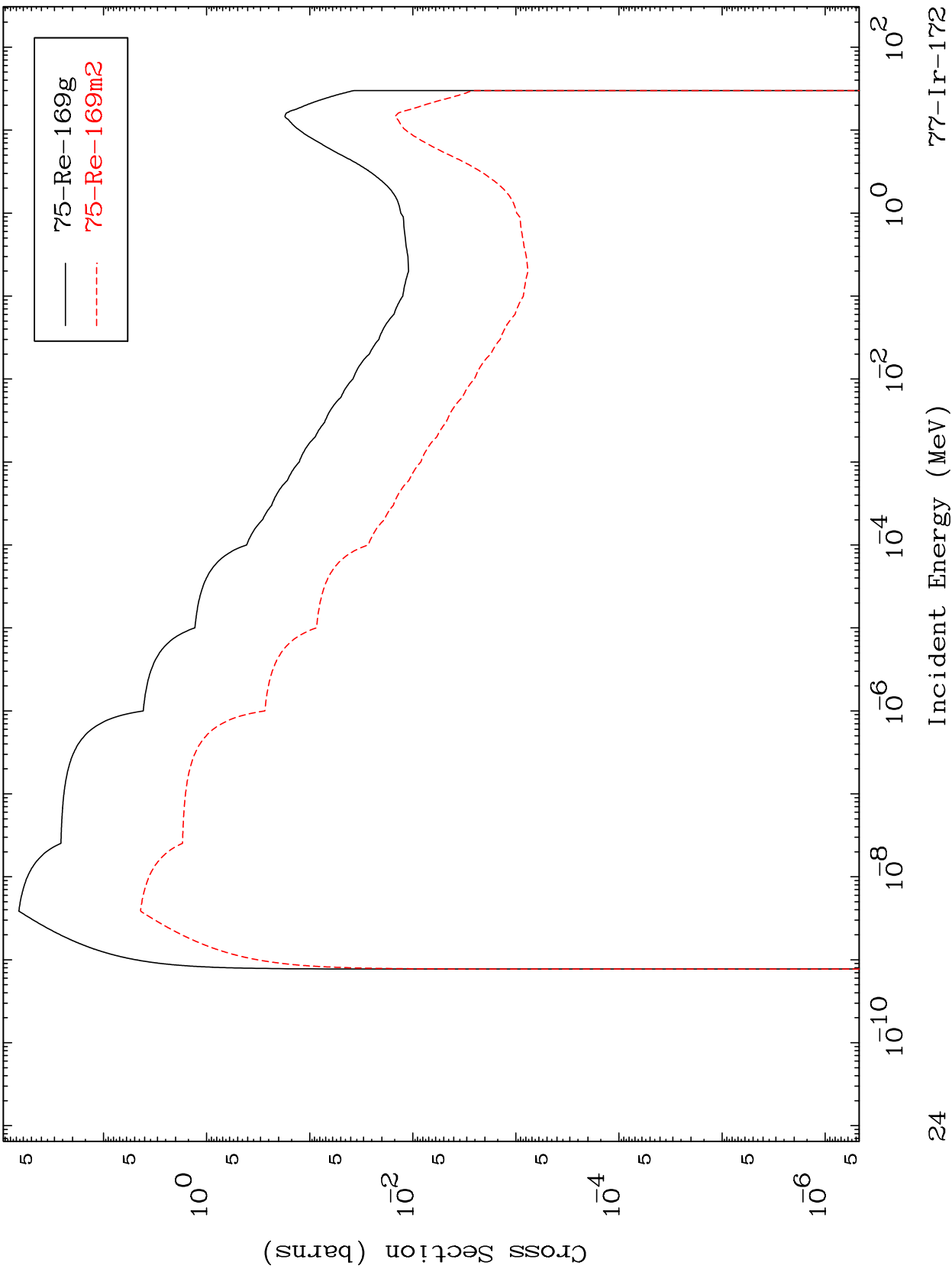
⁷⁷Ir-172



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77-Ir-172

(n, α)
Radionuclide Production Cross Section



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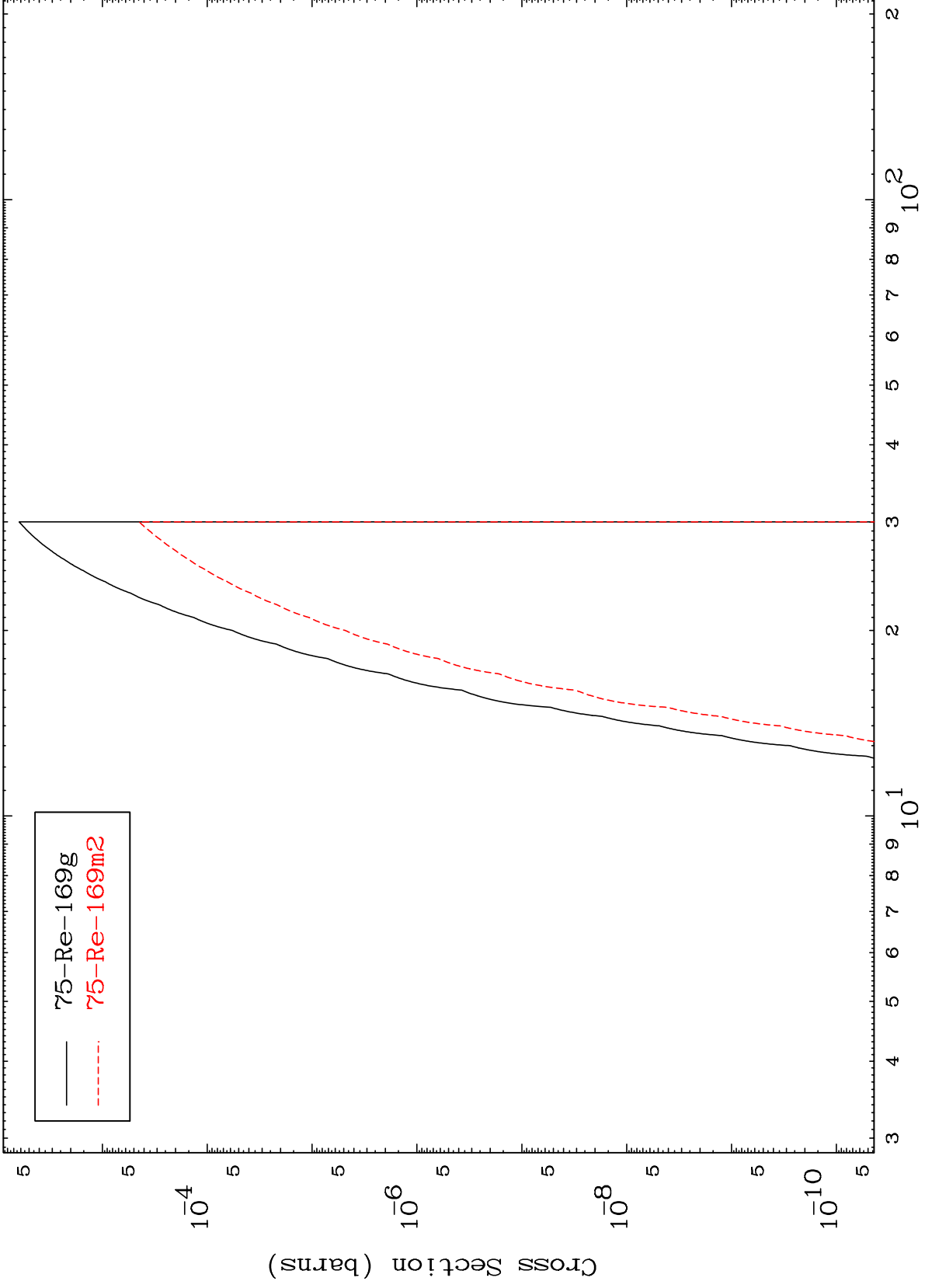
77-Ir-172

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(n,p) t

⁷⁷Ir-172

Radionuclide Production Cross Section



— 75-Re-169g
- - - 75-Re-169m2