

Program EVALPLOT
(Version 2021-1)

by

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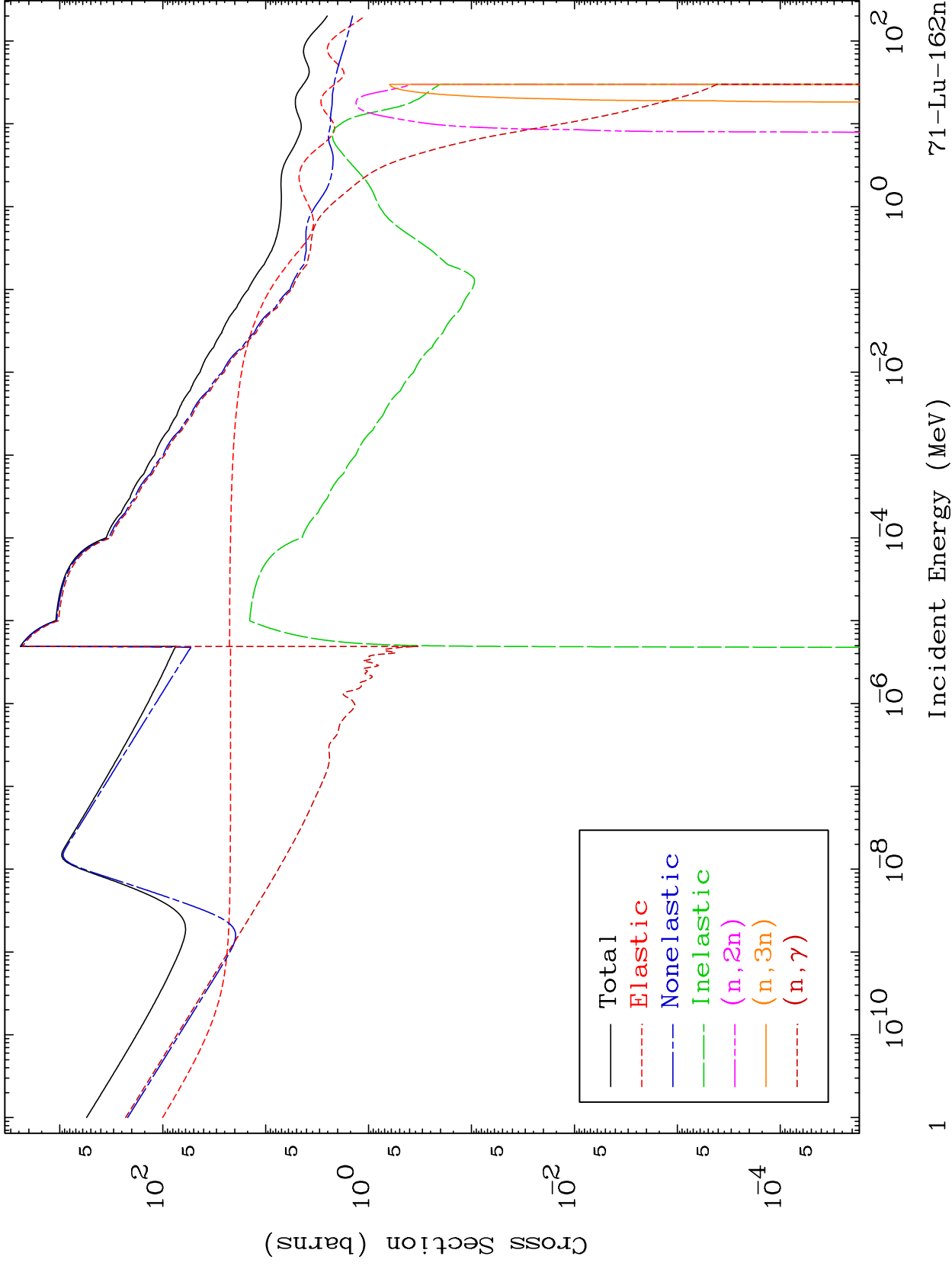
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7088

Neutron Major
293 Kelvin Cross Sections

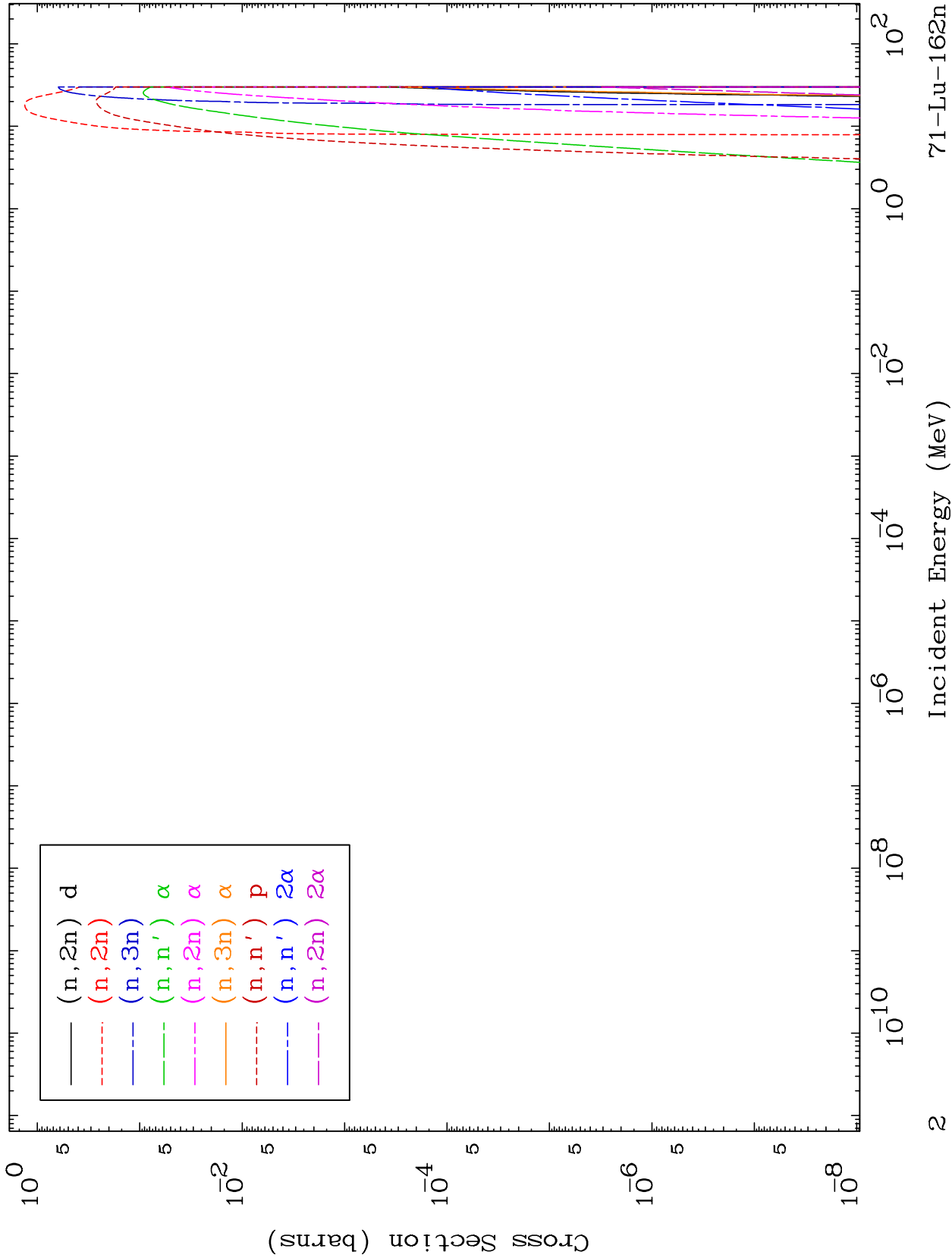
⁷¹Lu-162n



MAT 7088

Neutron Absorption
293 Kelvin Cross Sections

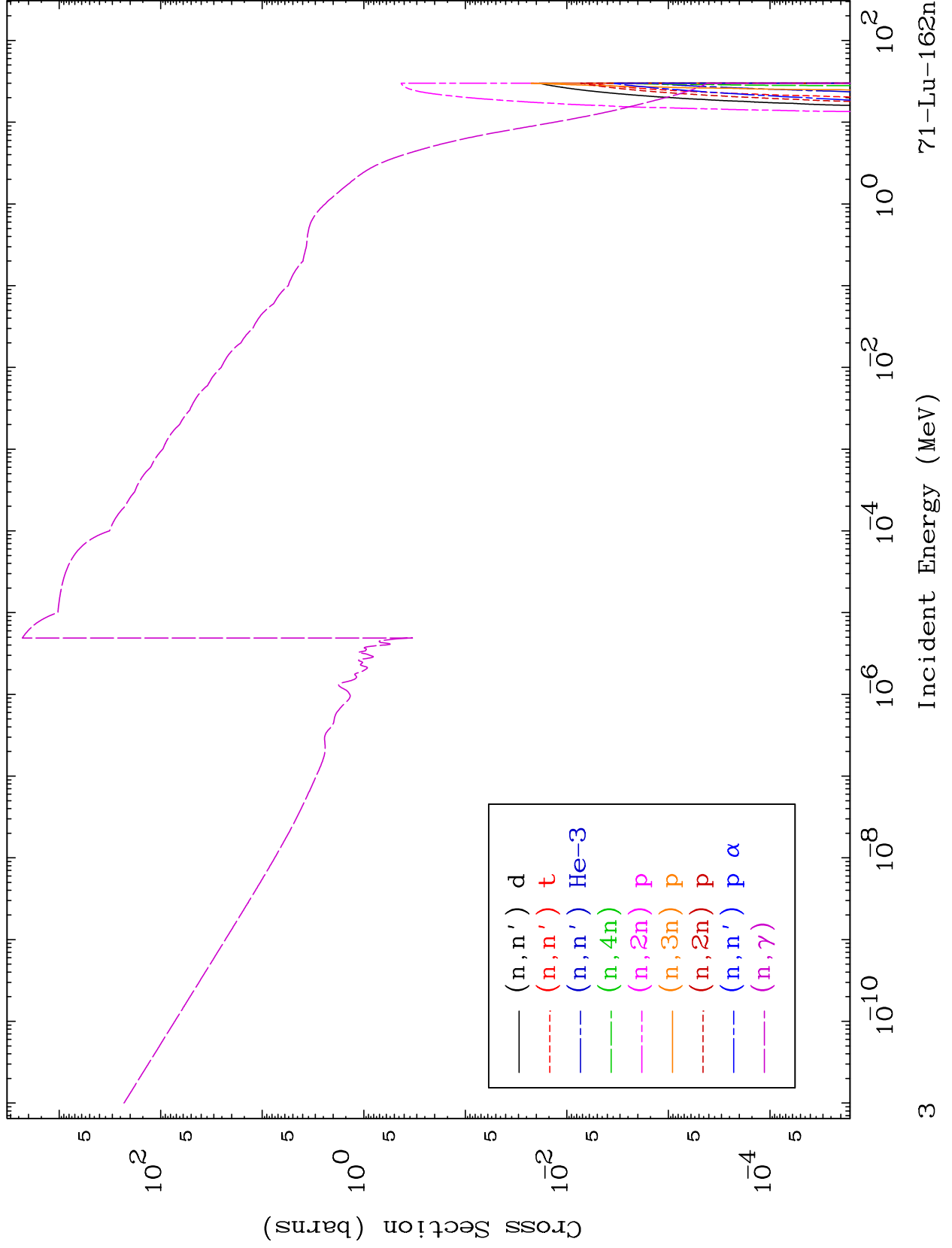
71-Lu-162n



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Neutron Absorption
293 Kelvin Cross Sections

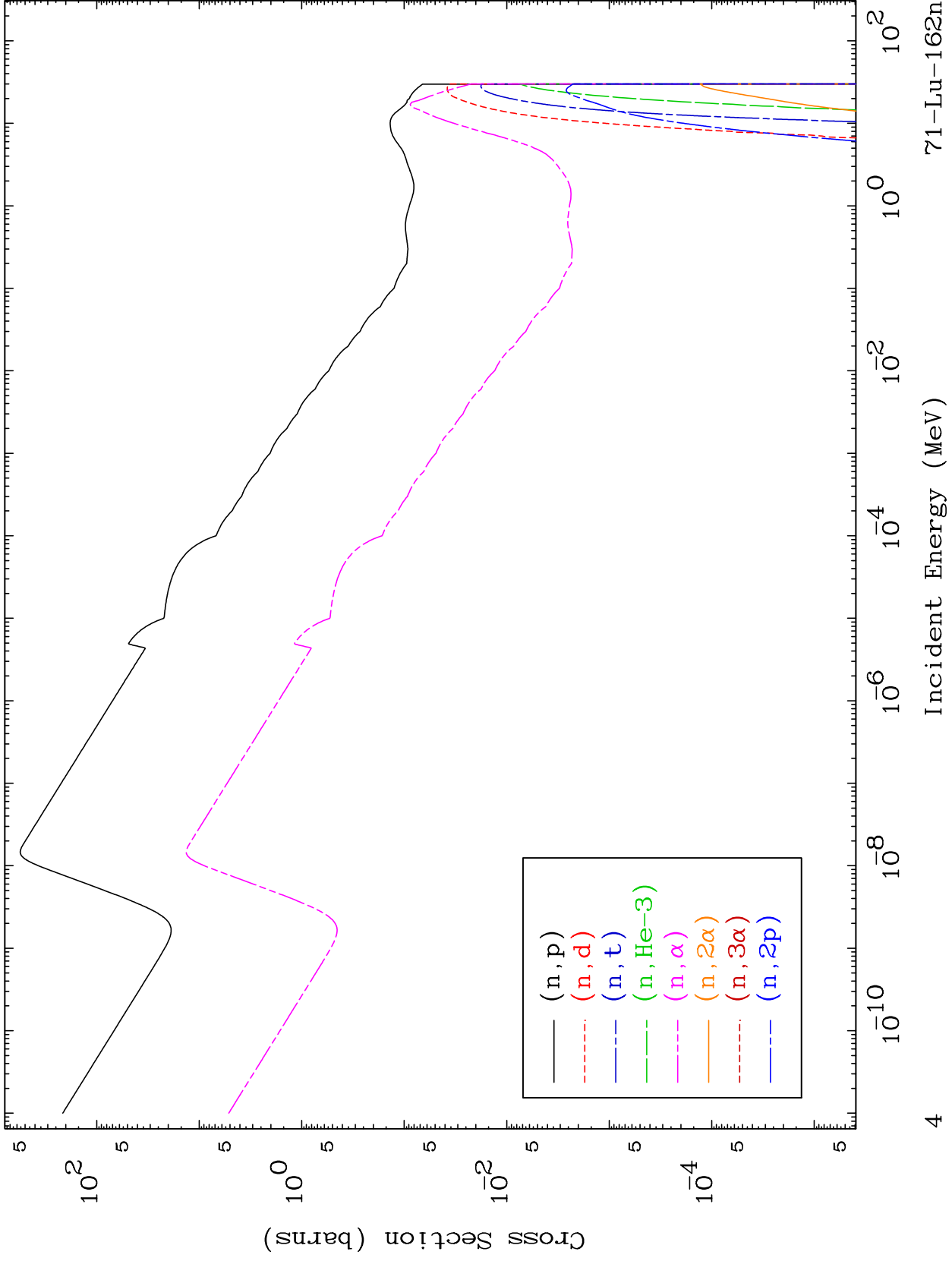
⁷¹Lu-162n

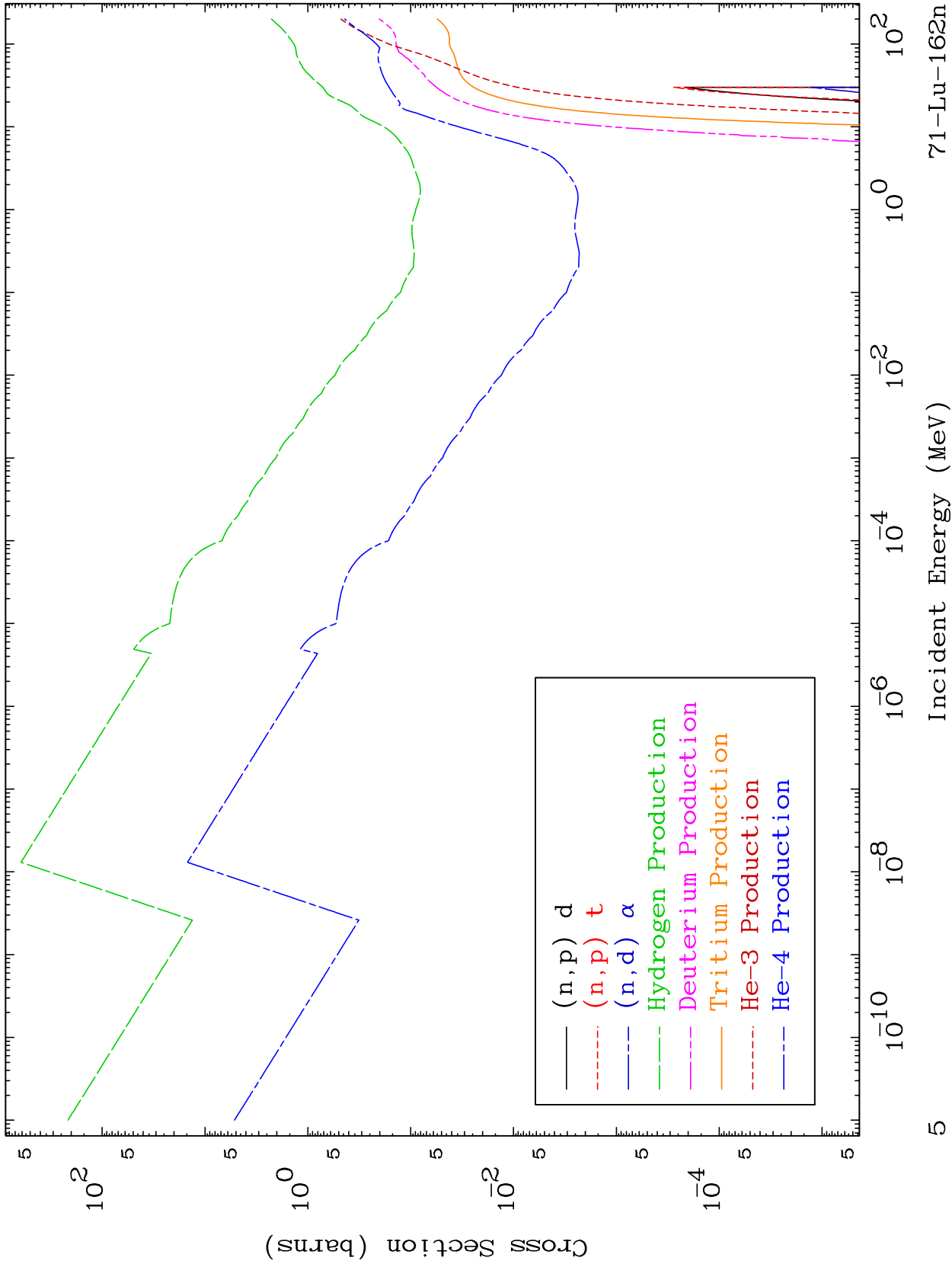


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Neutron Absorption
293 Kelvin Cross Sections

⁷¹Lu-162n

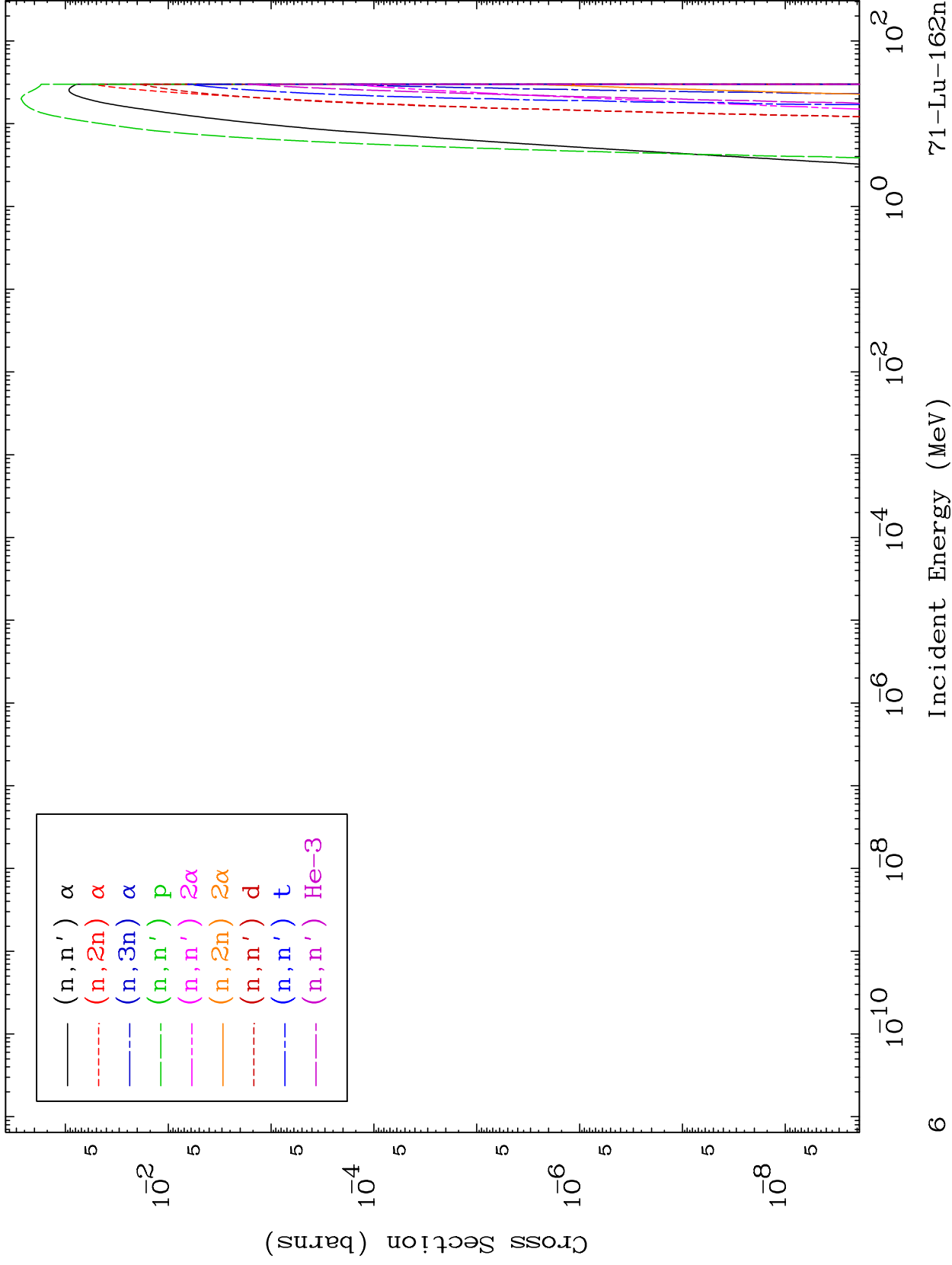




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Charged Particle
293 Kelvin Cross Sections

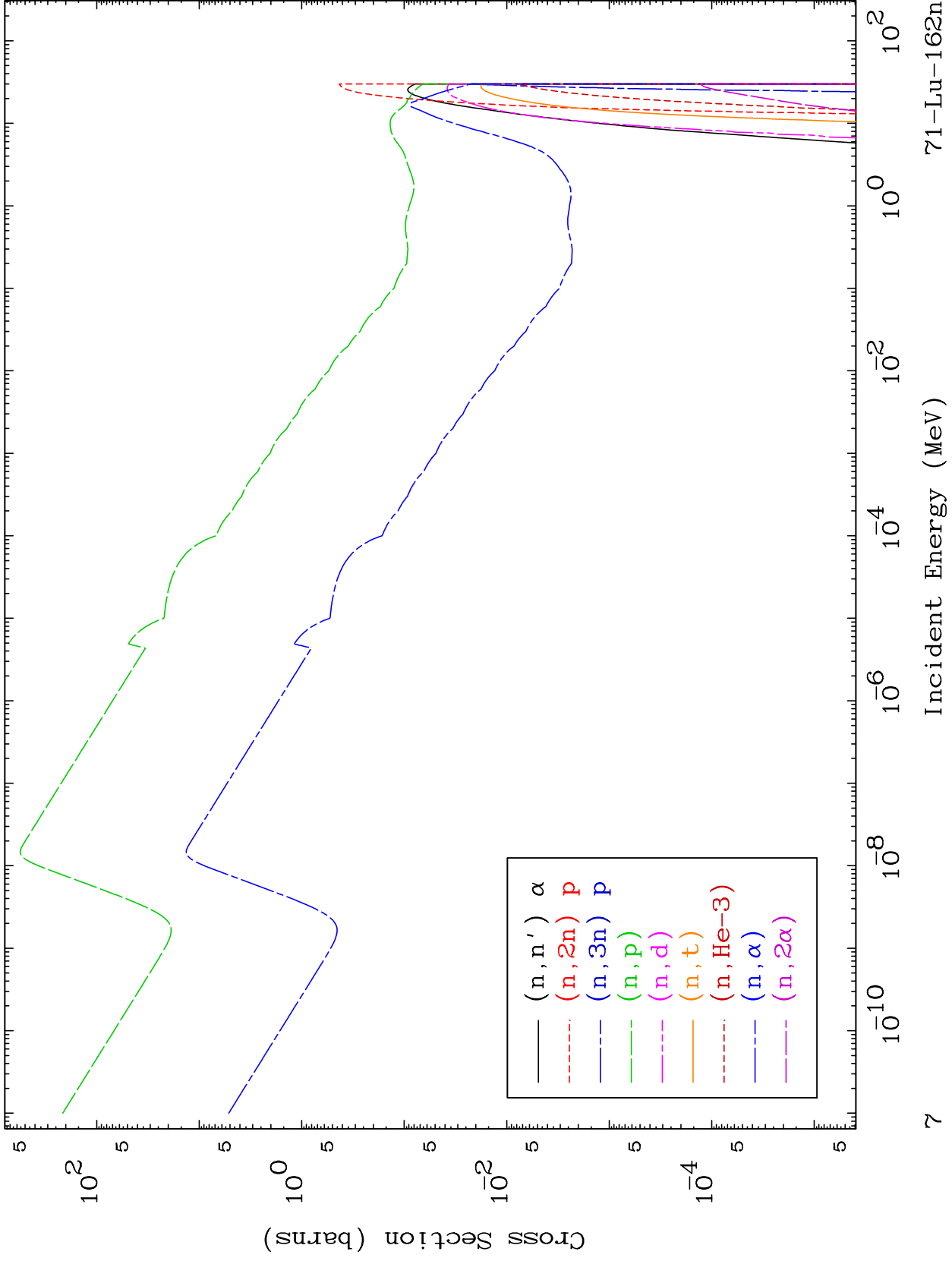
71-Lu-162n



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Charged Particle
293 Kelvin Cross Sections

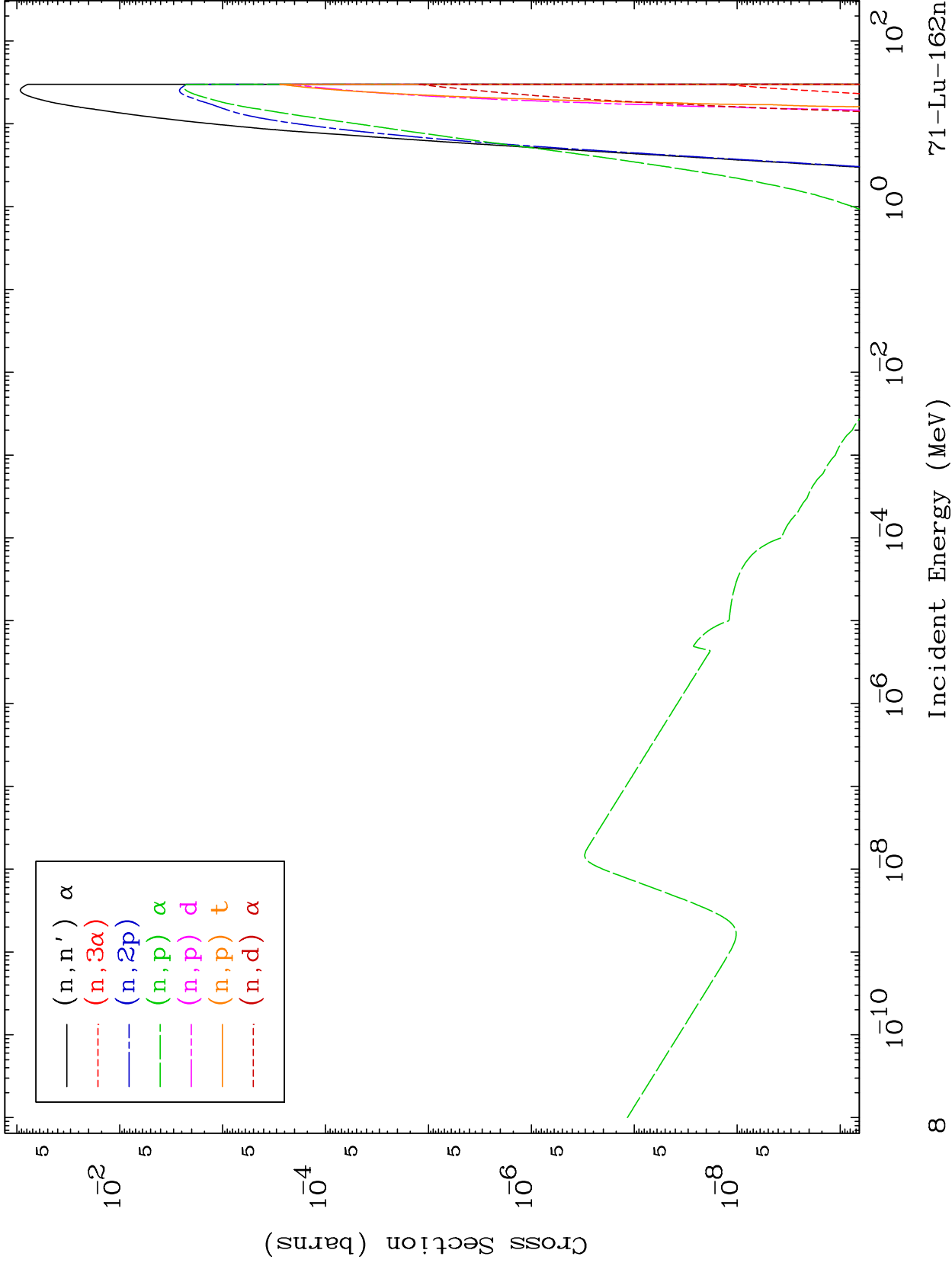
⁷¹Lu-162n

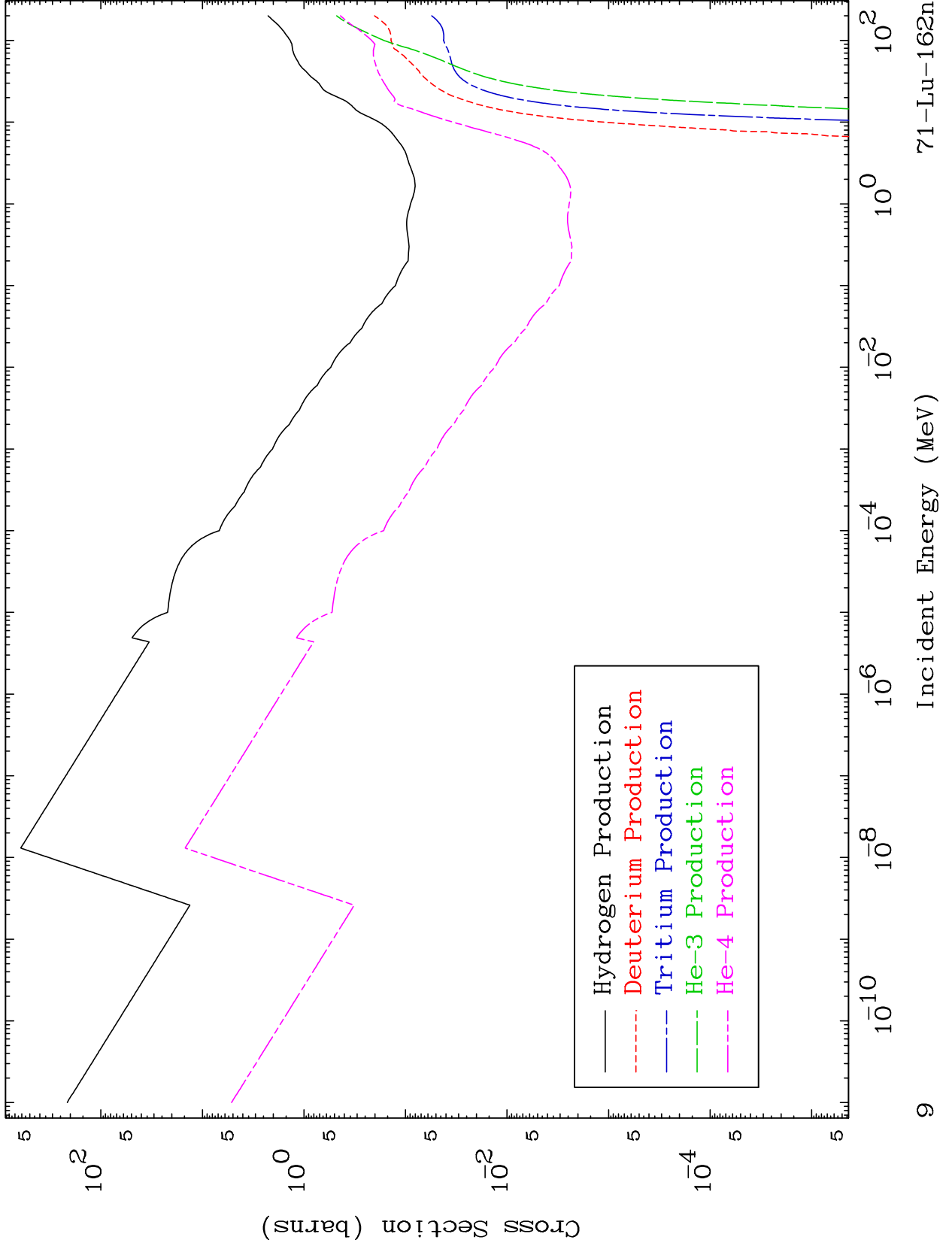


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Charged Particle
293 Kelvin Cross Sections

⁷¹Lu-162n



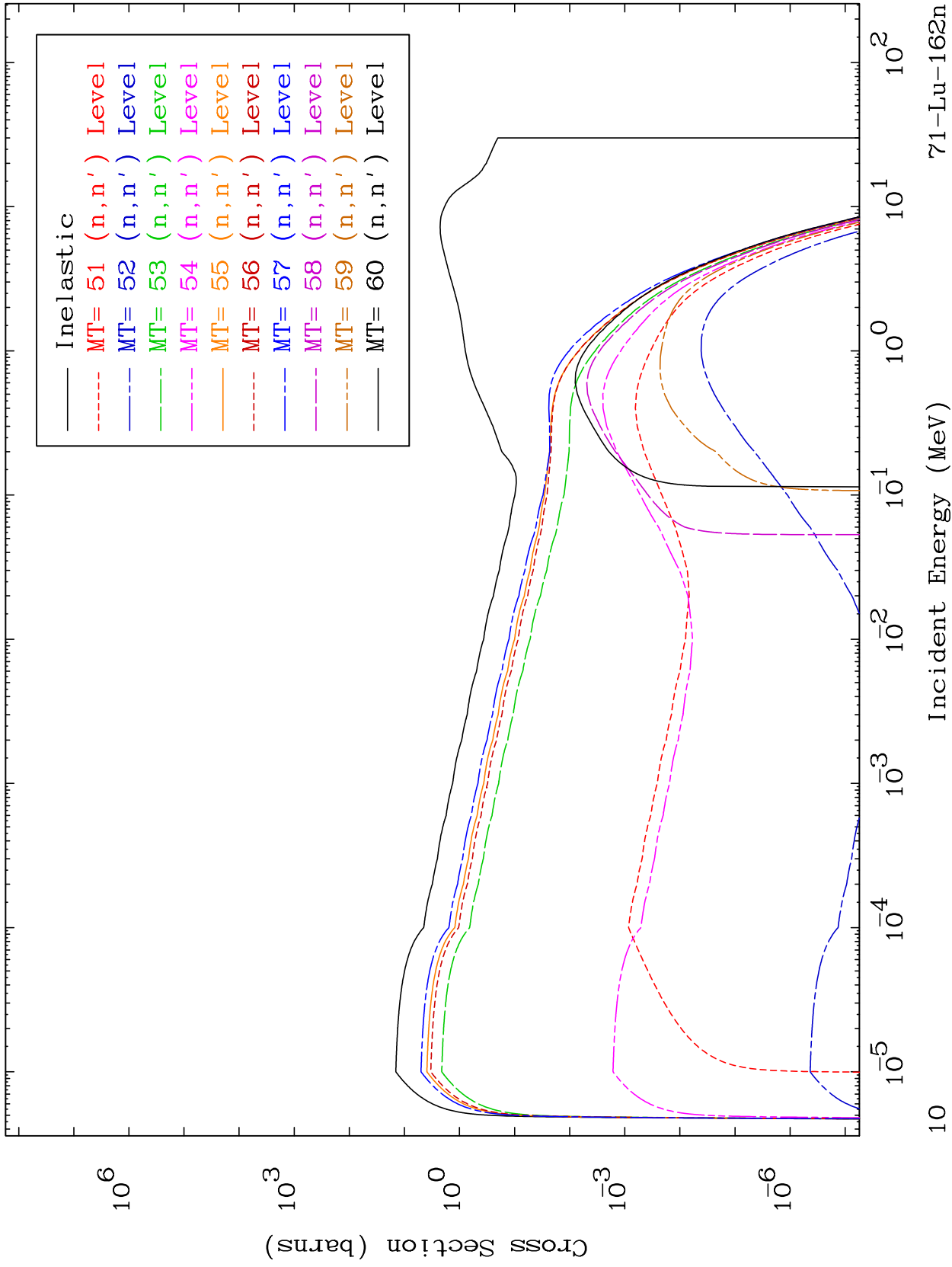


MAT 7088

(n,n') Levels

293 Kelvin Cross Sections

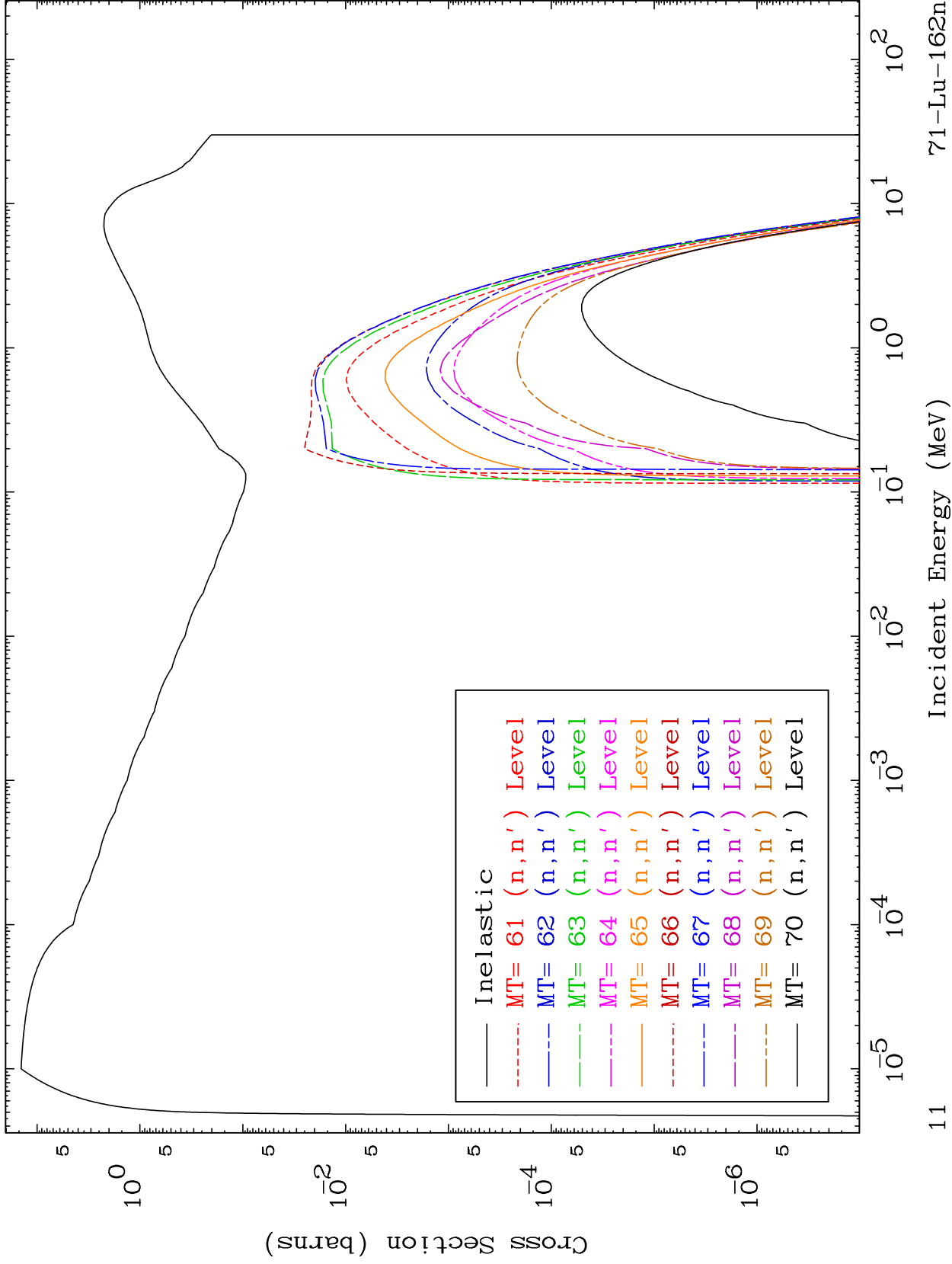
71-Lu-162n



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(n,n') Levels
293 Kelvin Cross Sections

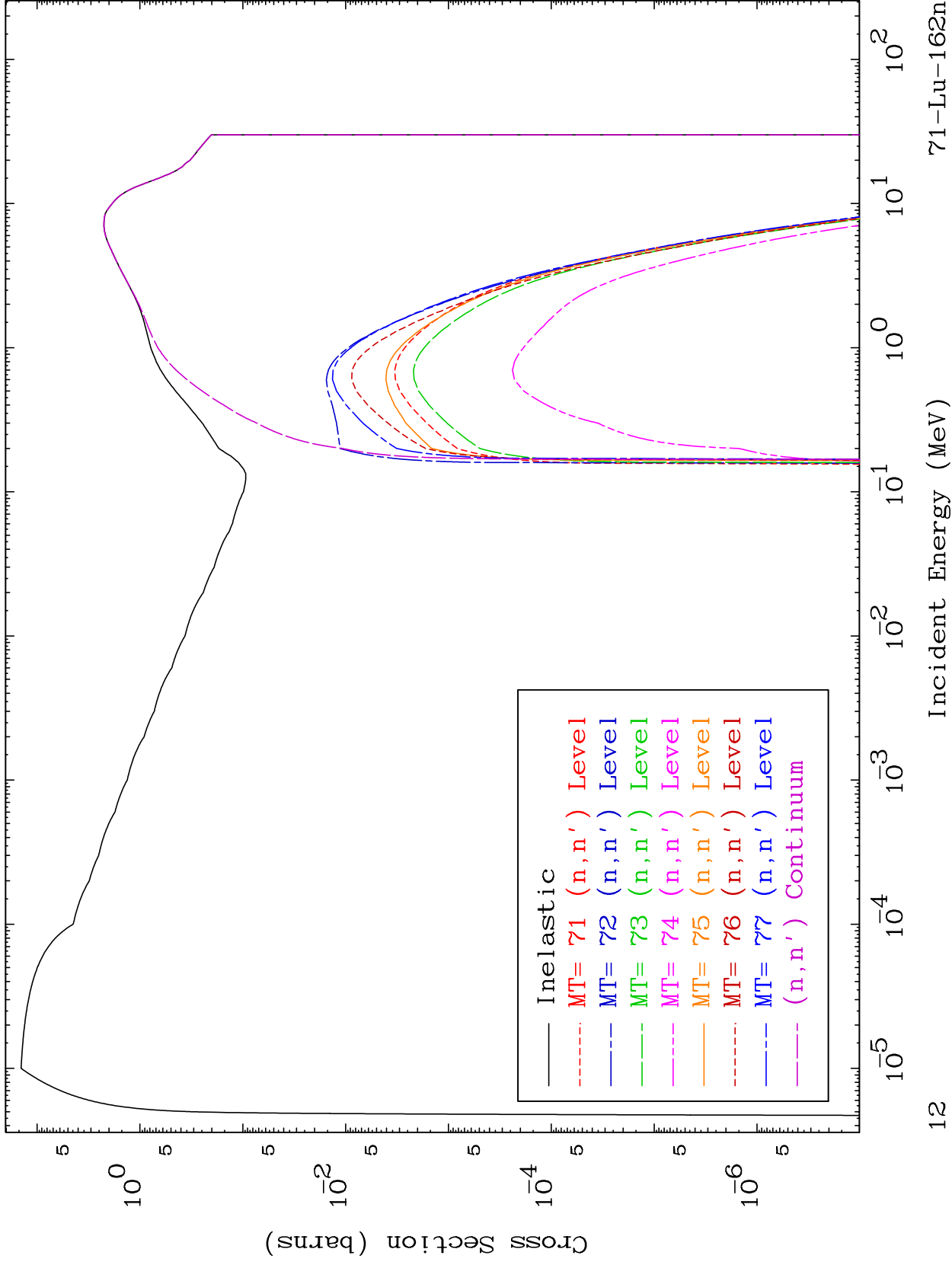
71-Lu-162n



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(n,n') Levels
293 Kelvin Cross Sections

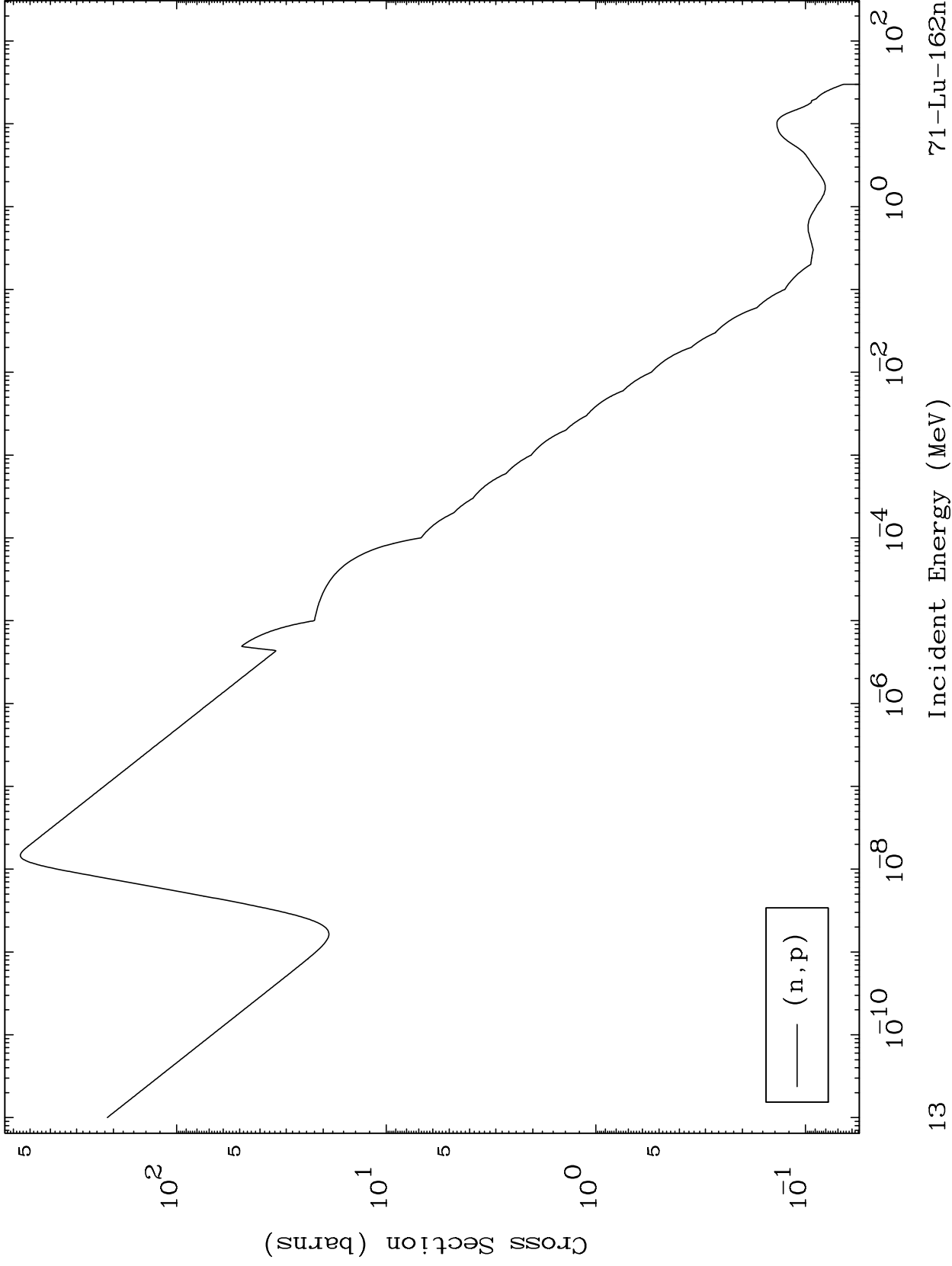
71-Lu-162n



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(n,p) Levels
293 Kelvin Cross Sections

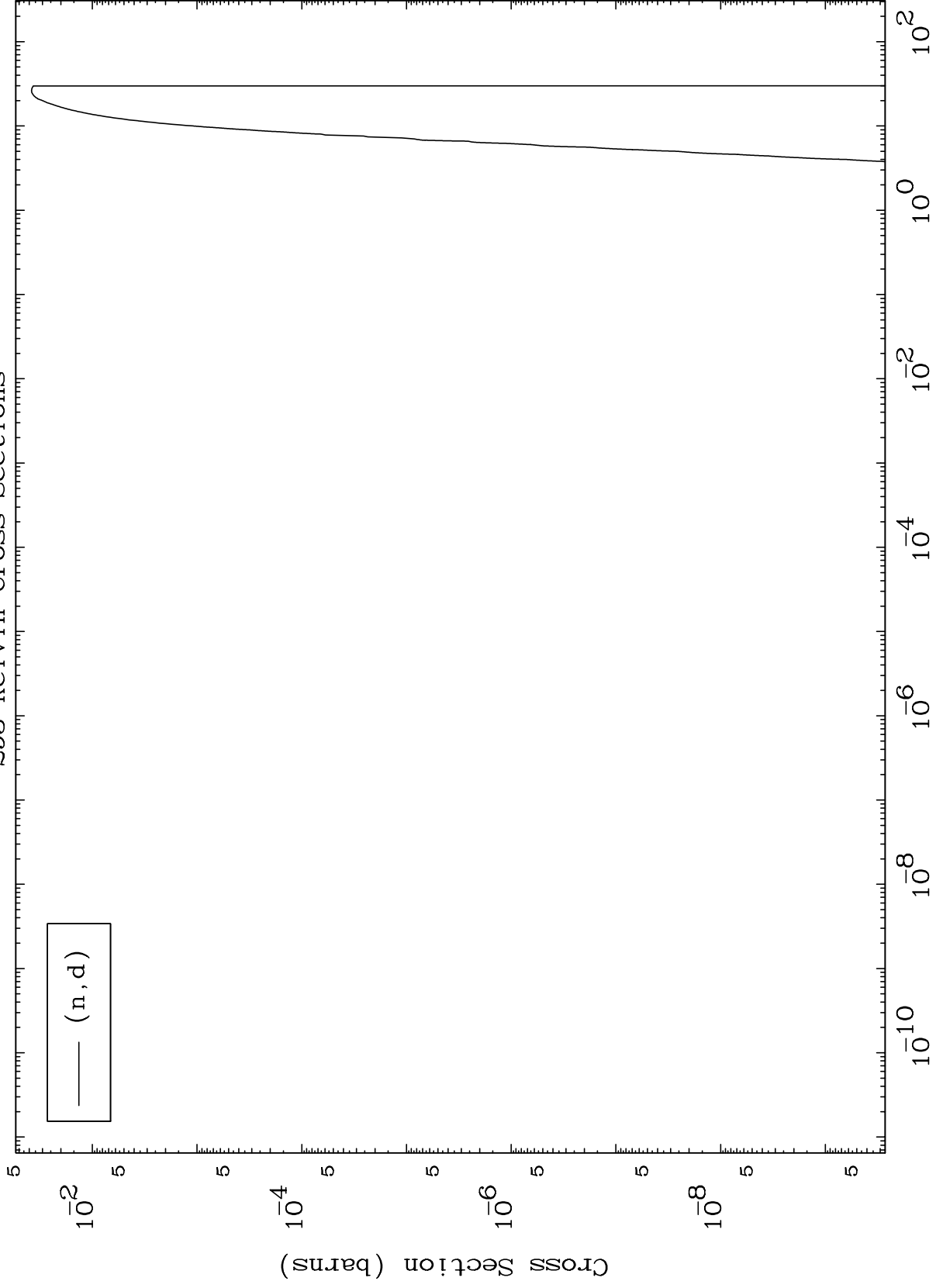
71-Lu-162n



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(n,d) Levels
293 Kelvin Cross Sections

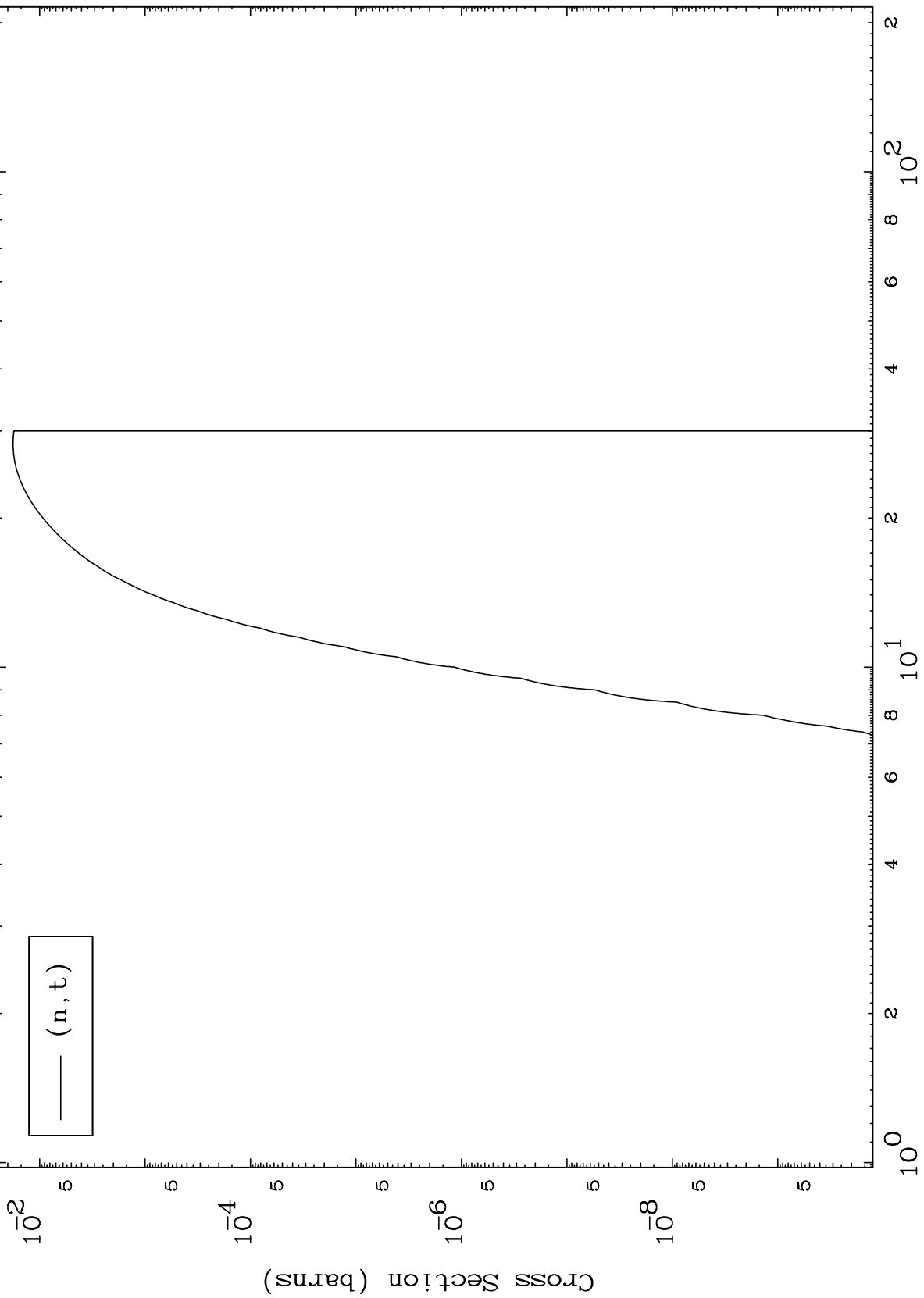
⁷¹Lu-162n



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(n,t) Levels
293 Kelvin Cross Sections

⁷¹Lu-162n



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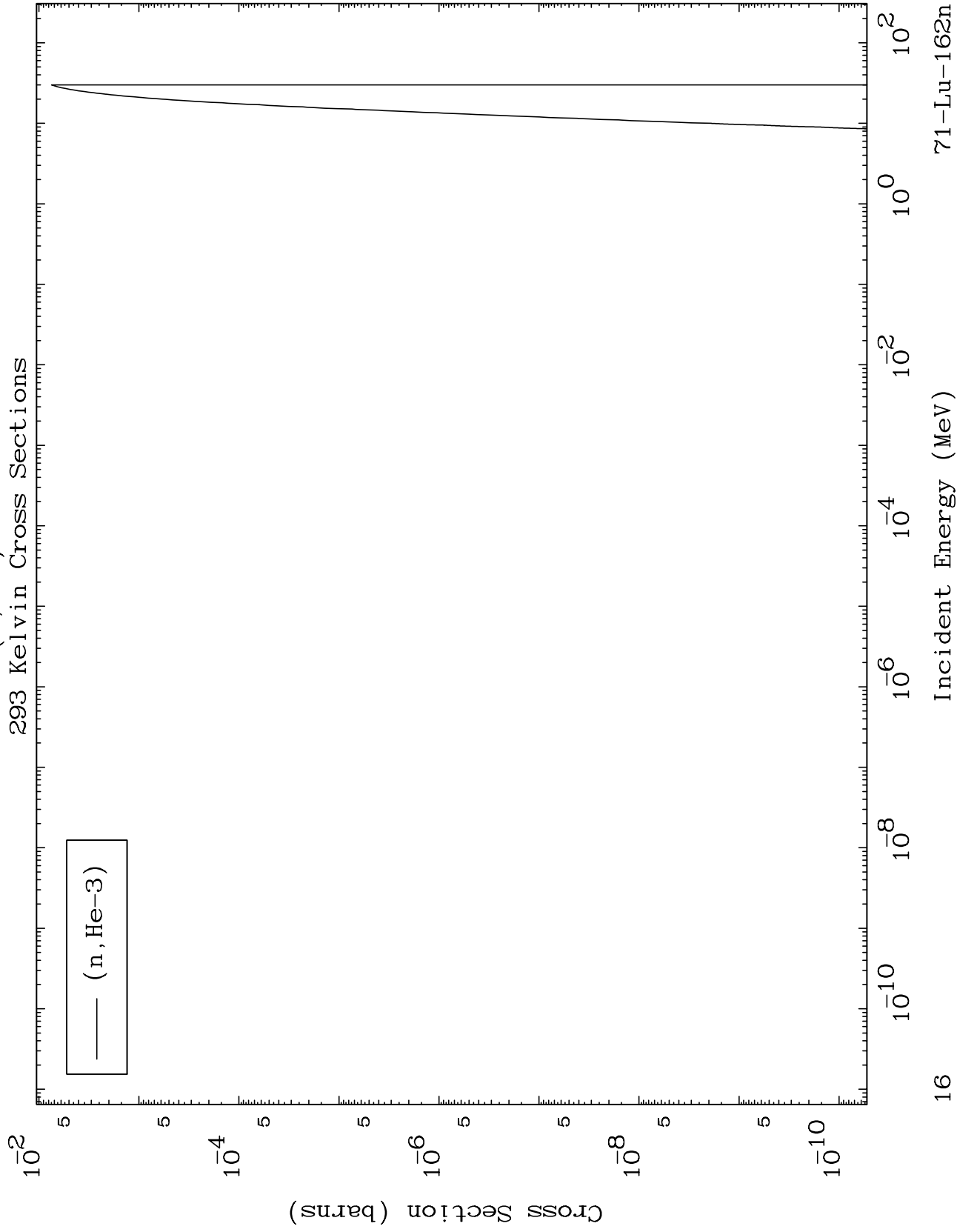
Incident Energy (MeV)

⁷¹Lu-162n

MAT 7088

(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-162n

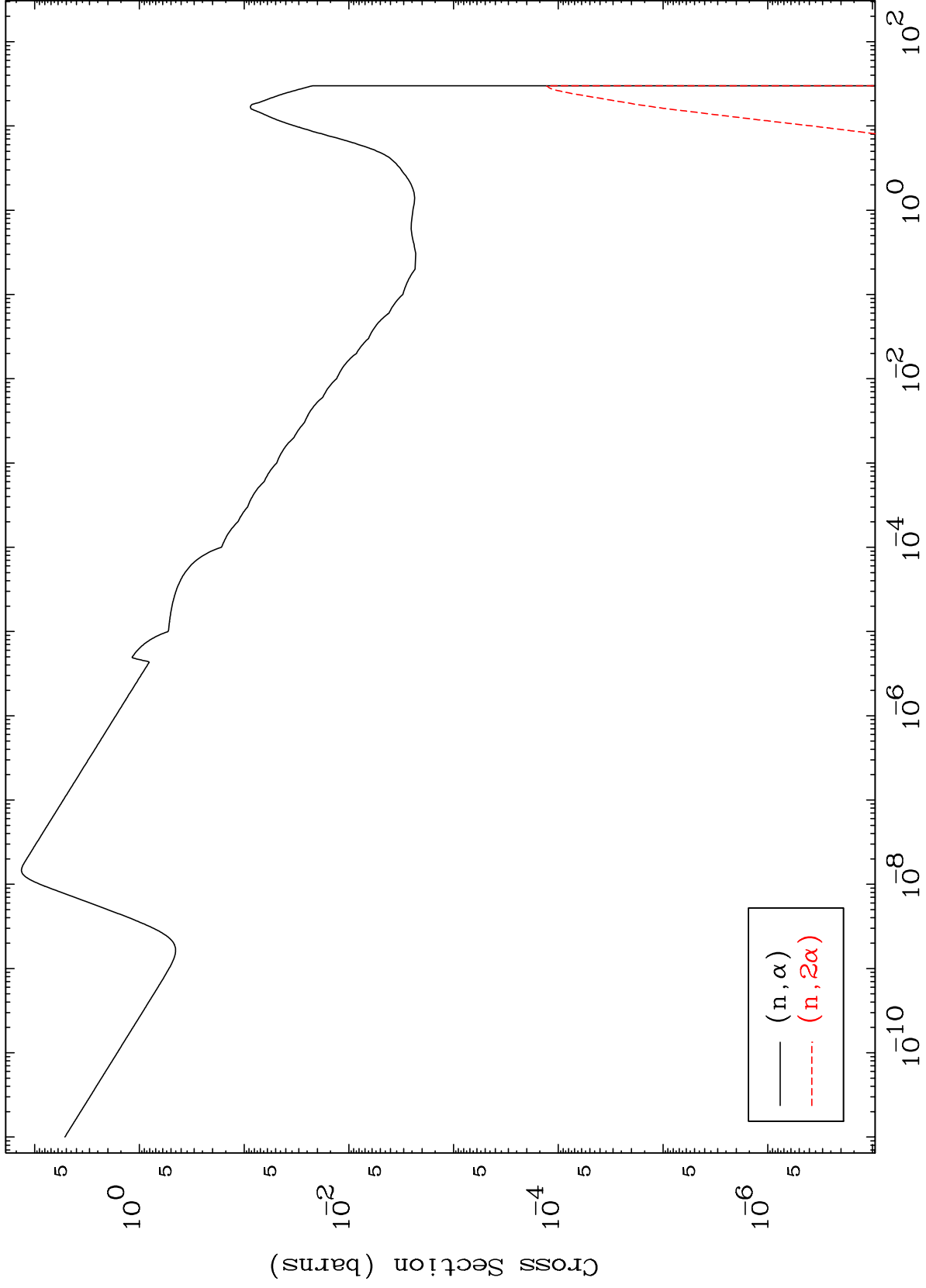


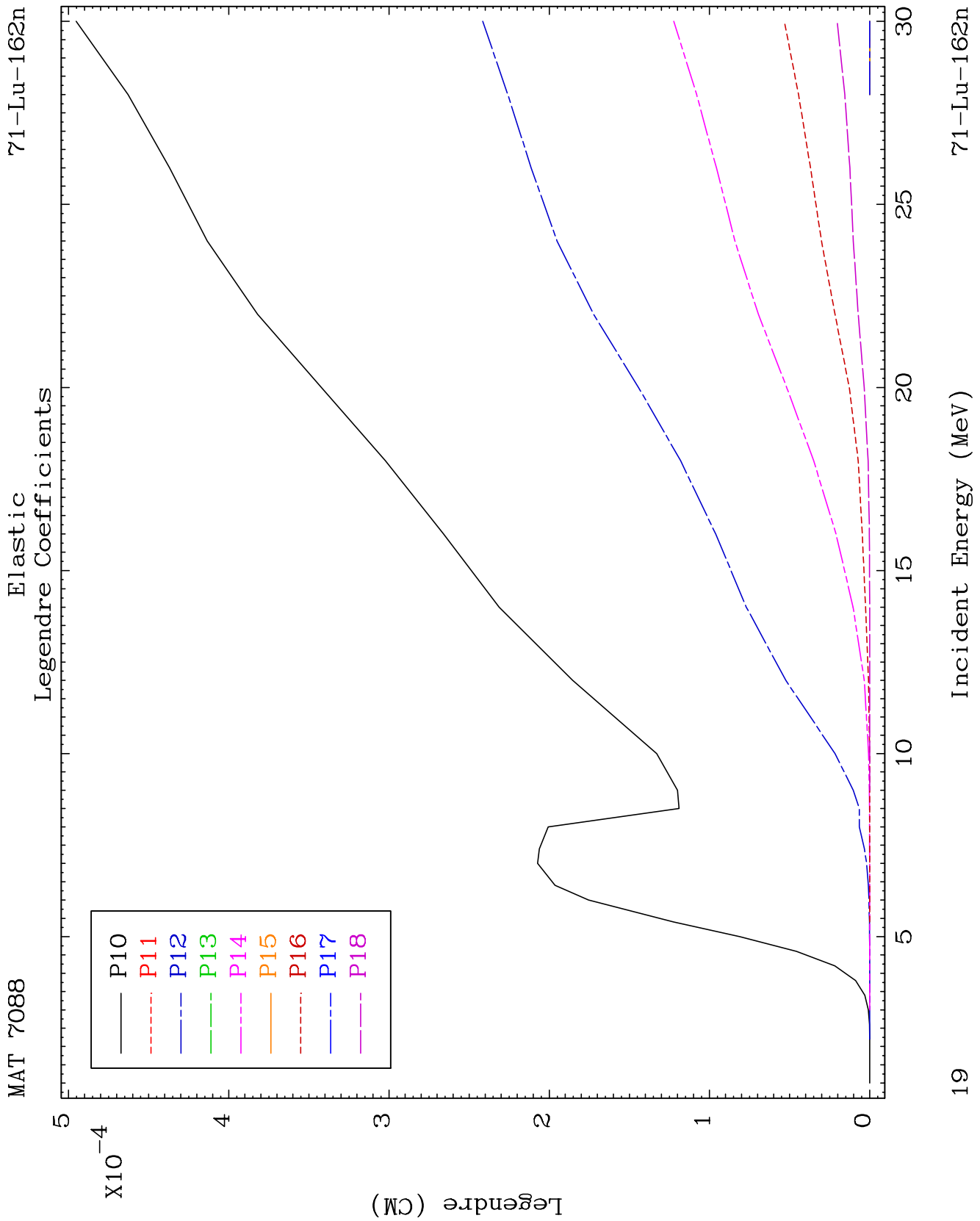
(n, He-3)

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(n, α) Levels
293 Kelvin Cross Sections

⁷¹Lu-162n

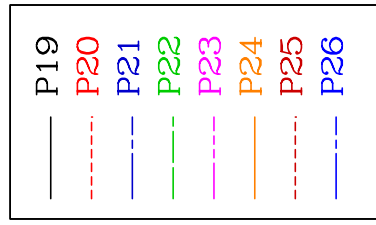




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Elastic
Legendre Coefficients

⁷¹Lu-162n



$\times 10^{-66}$

Legendre (CM)



20

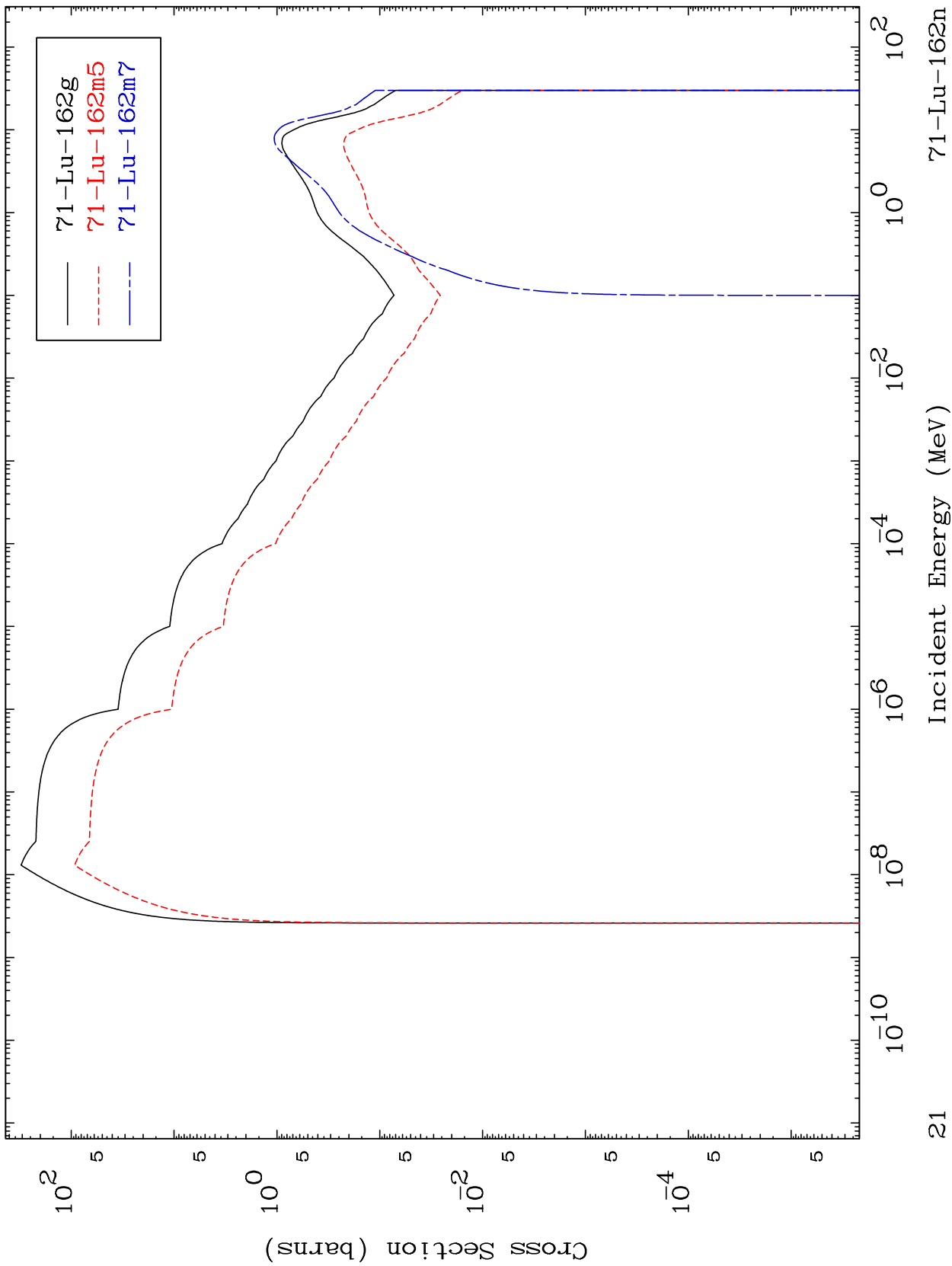
Incident Energy (MeV)

⁷¹Lu-162n

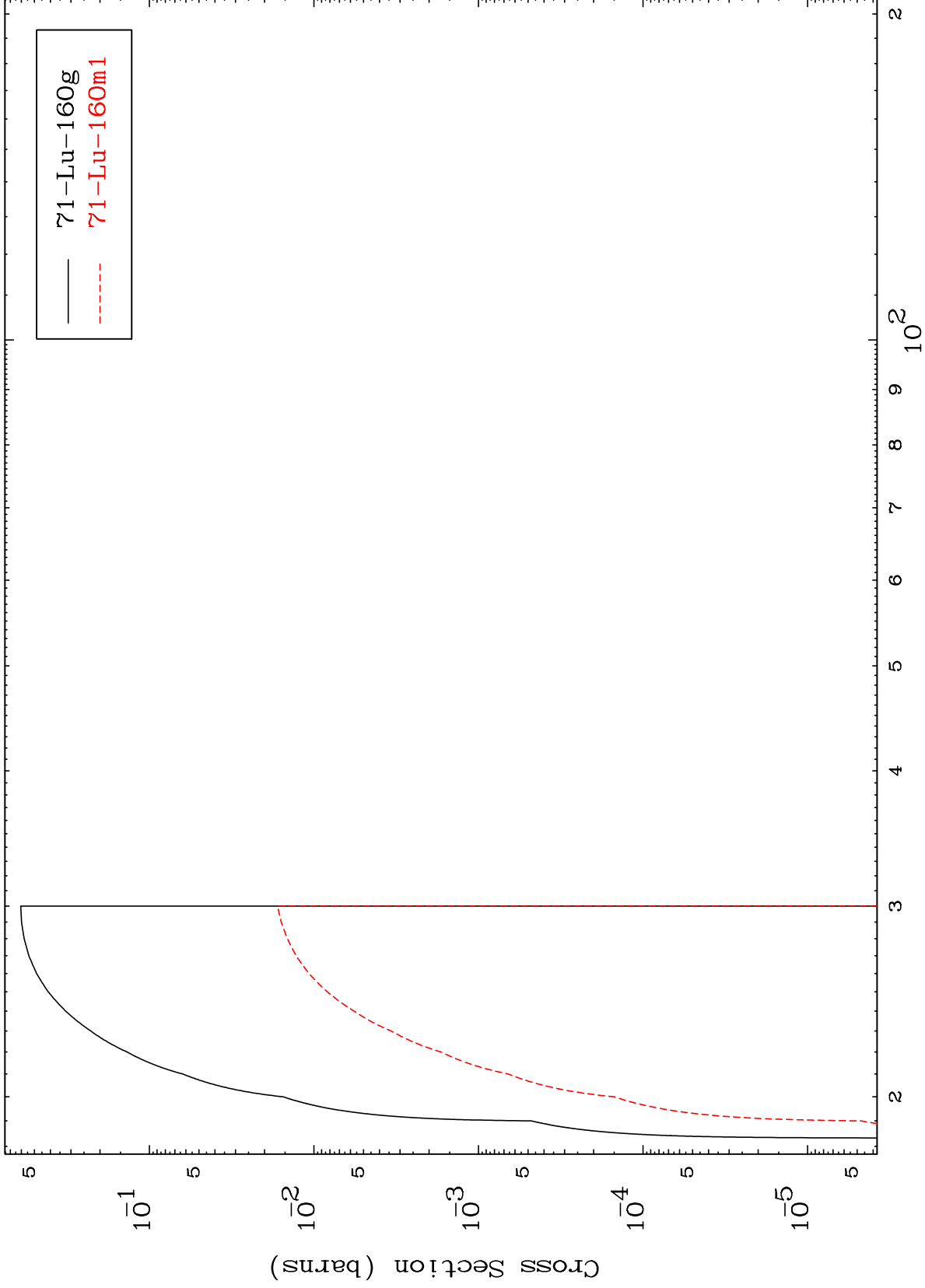
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⁷¹Lu-162n

Inelastic
Radionuclide Production Cross Section



Radionuclide Production Cross Section

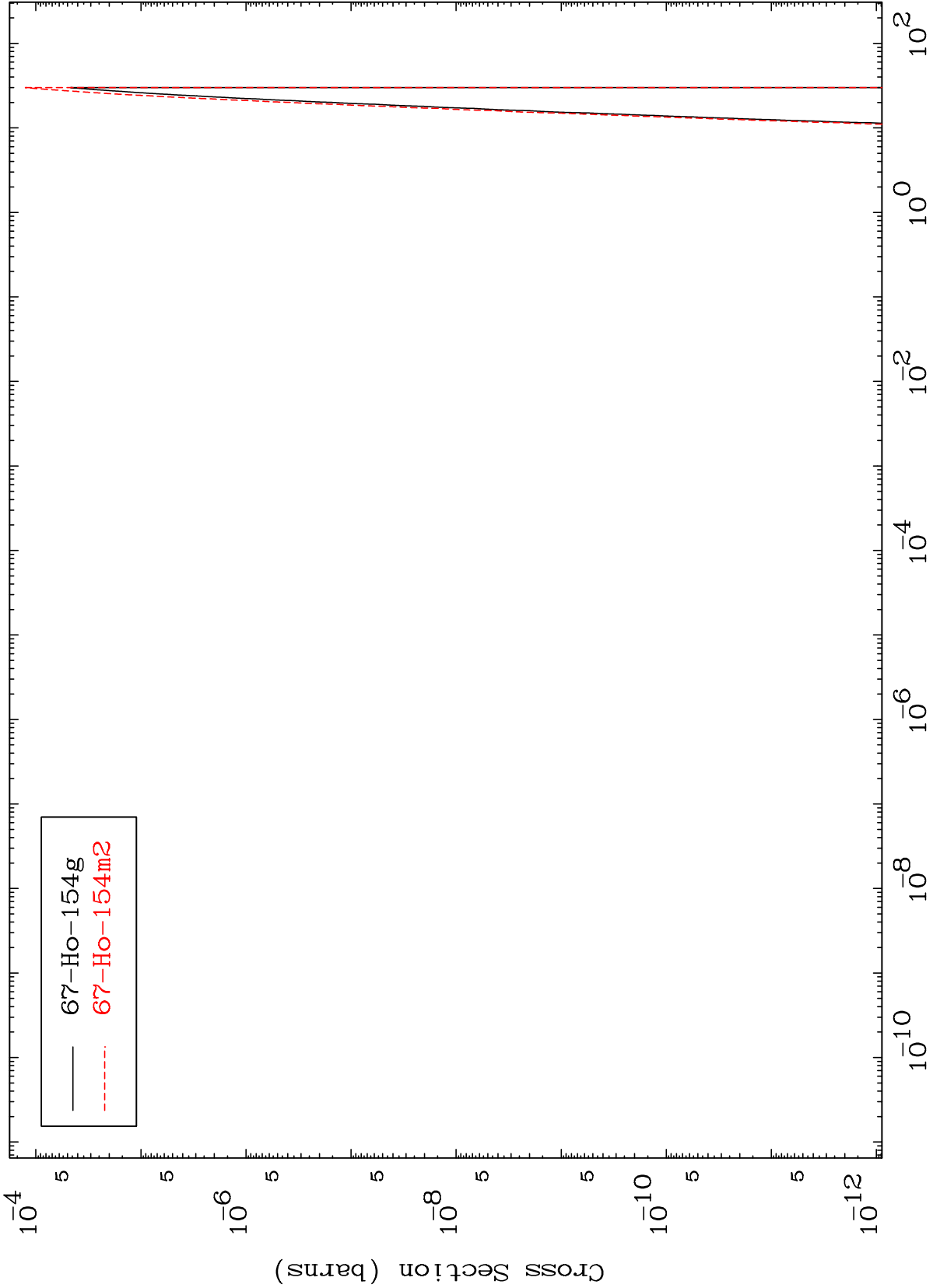


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(n,n') 2α

⁷¹Lu-162n

Radionuclide Production Cross Section

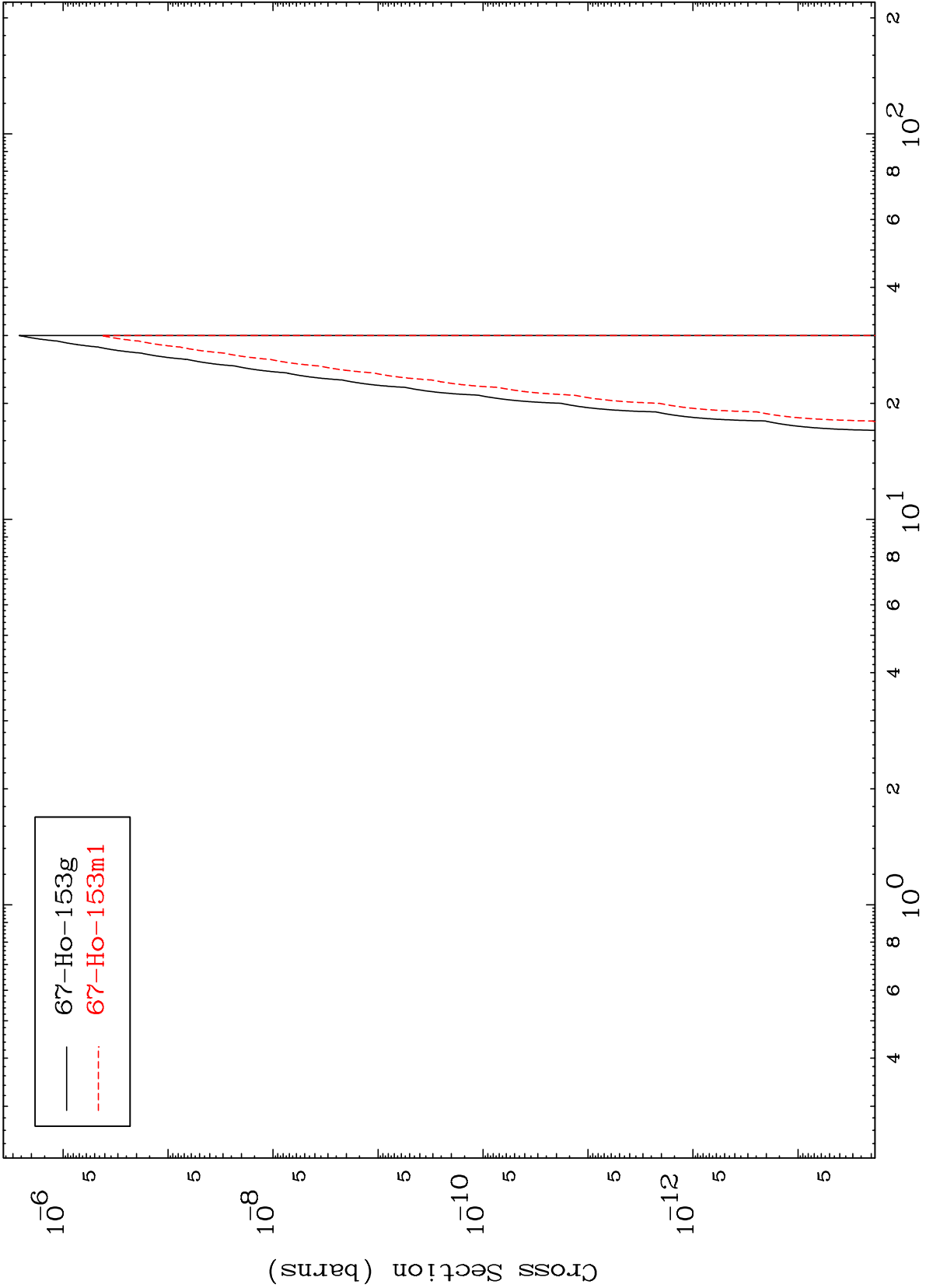


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(n,2n) 2α

71-Lu-162n

Radionuclide Production Cross Section



67-Ho-153g
67-Ho-153m1

Incident Energy (MeV)

71-Lu-162n

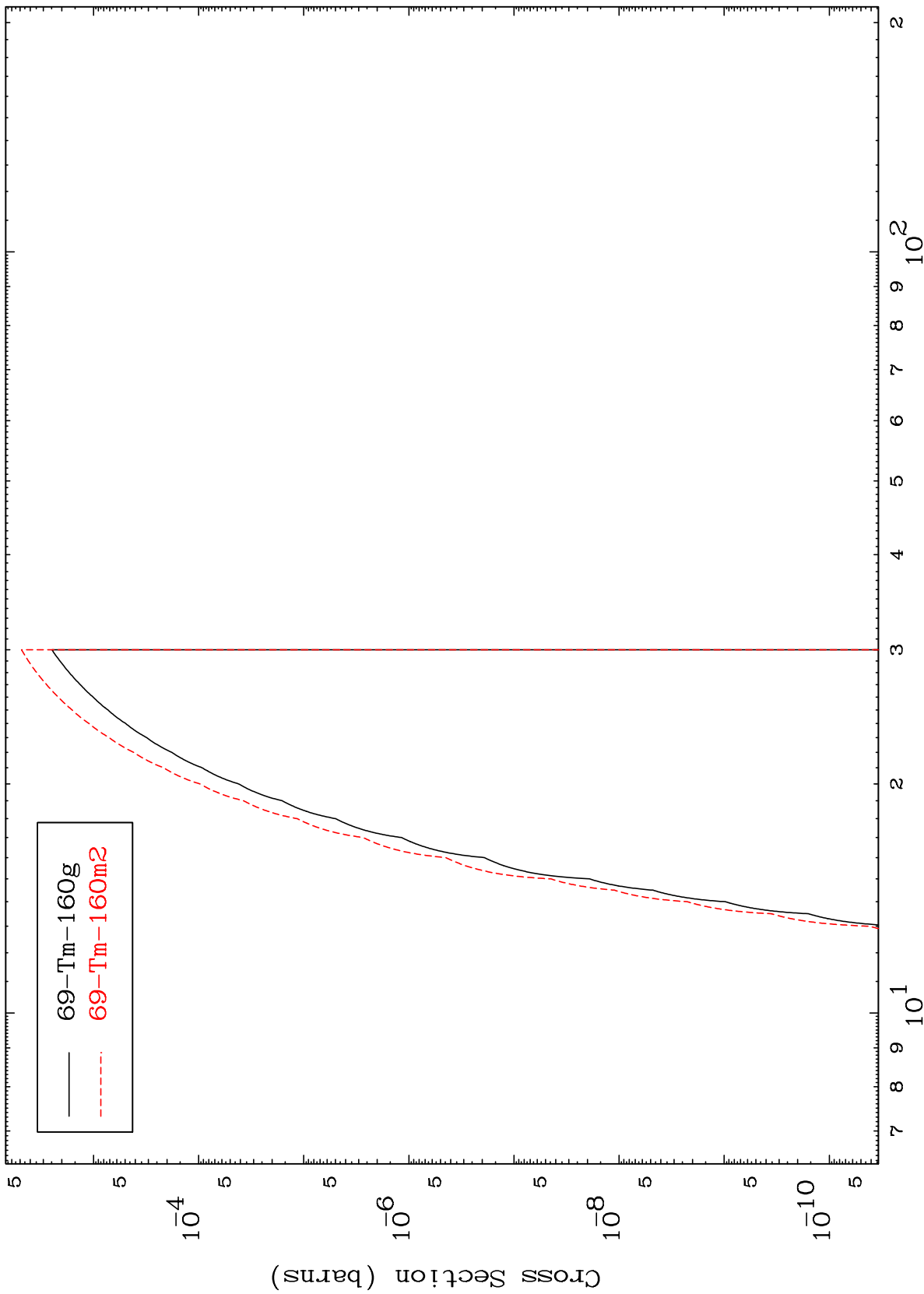
24

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(n,2n) p

⁷¹Lu-162n

Radionuclide Production Cross Section



69-Tm-160g
69-Tm-160m2

Incident Energy (MeV)

⁷¹Lu-162n

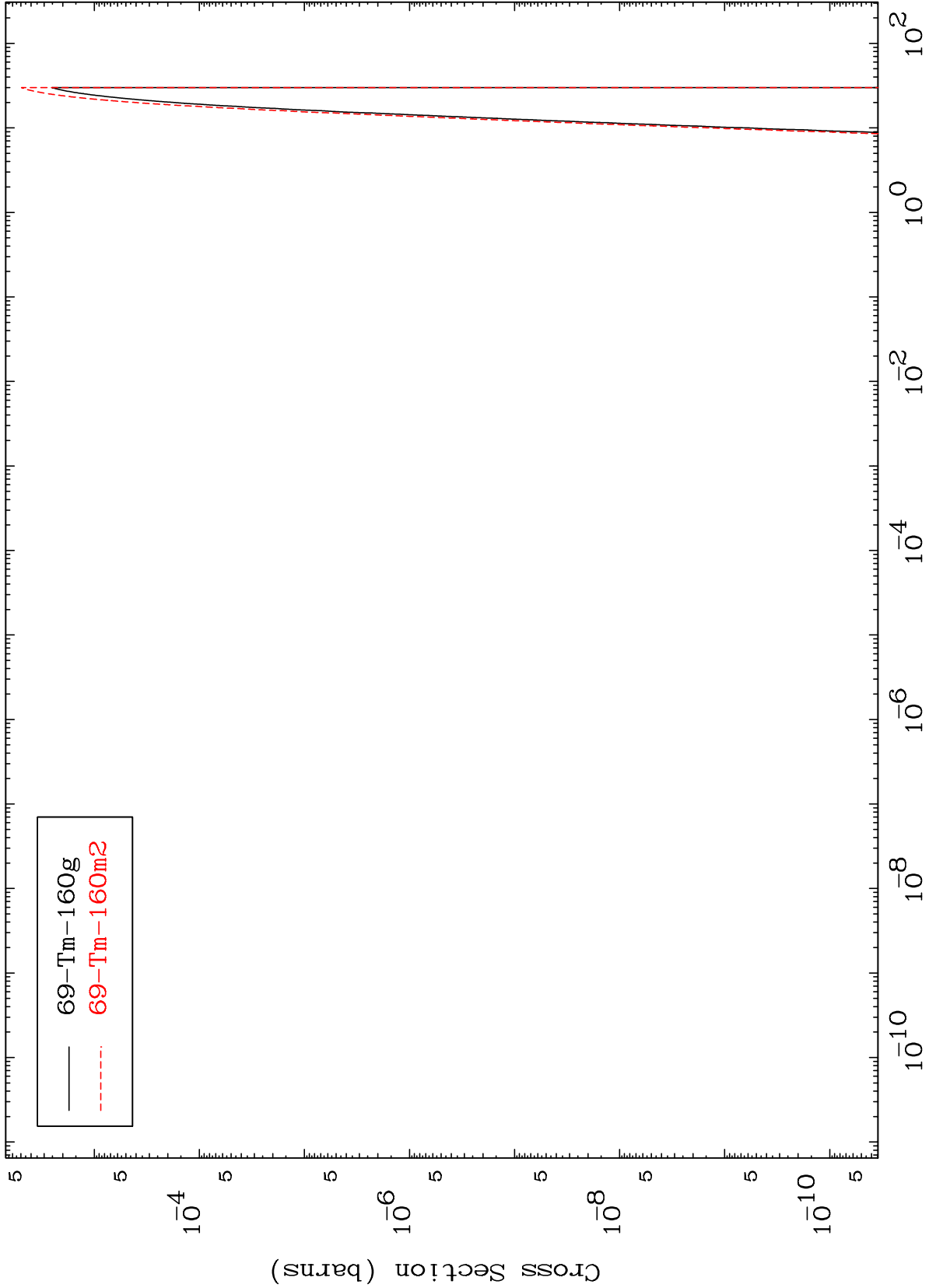
25

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(n,He-3)

71-Lu-162n

Radionuclide Production Cross Section

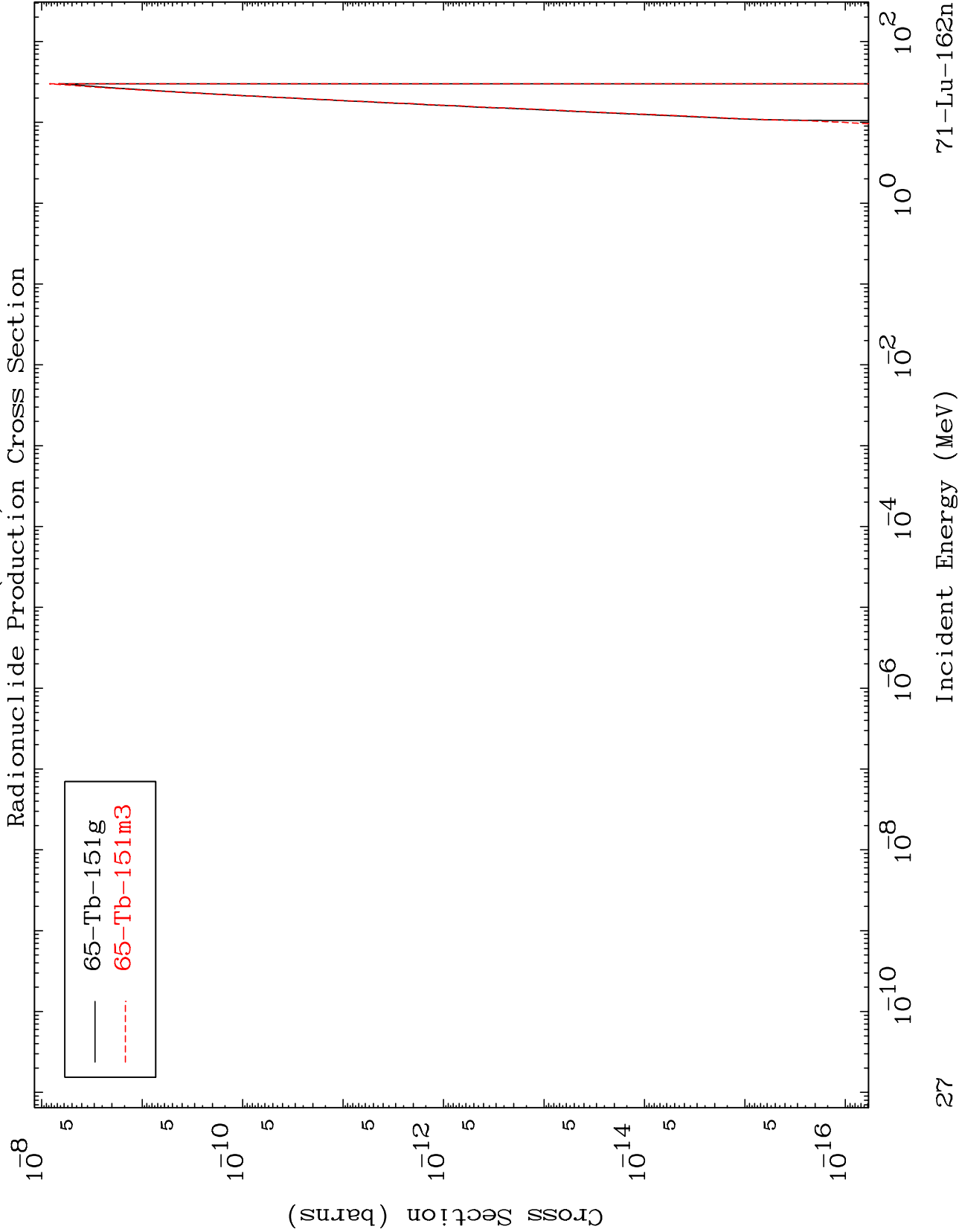


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(n, 3α)

⁷¹Lu-162n

Radionuclide Production Cross Section

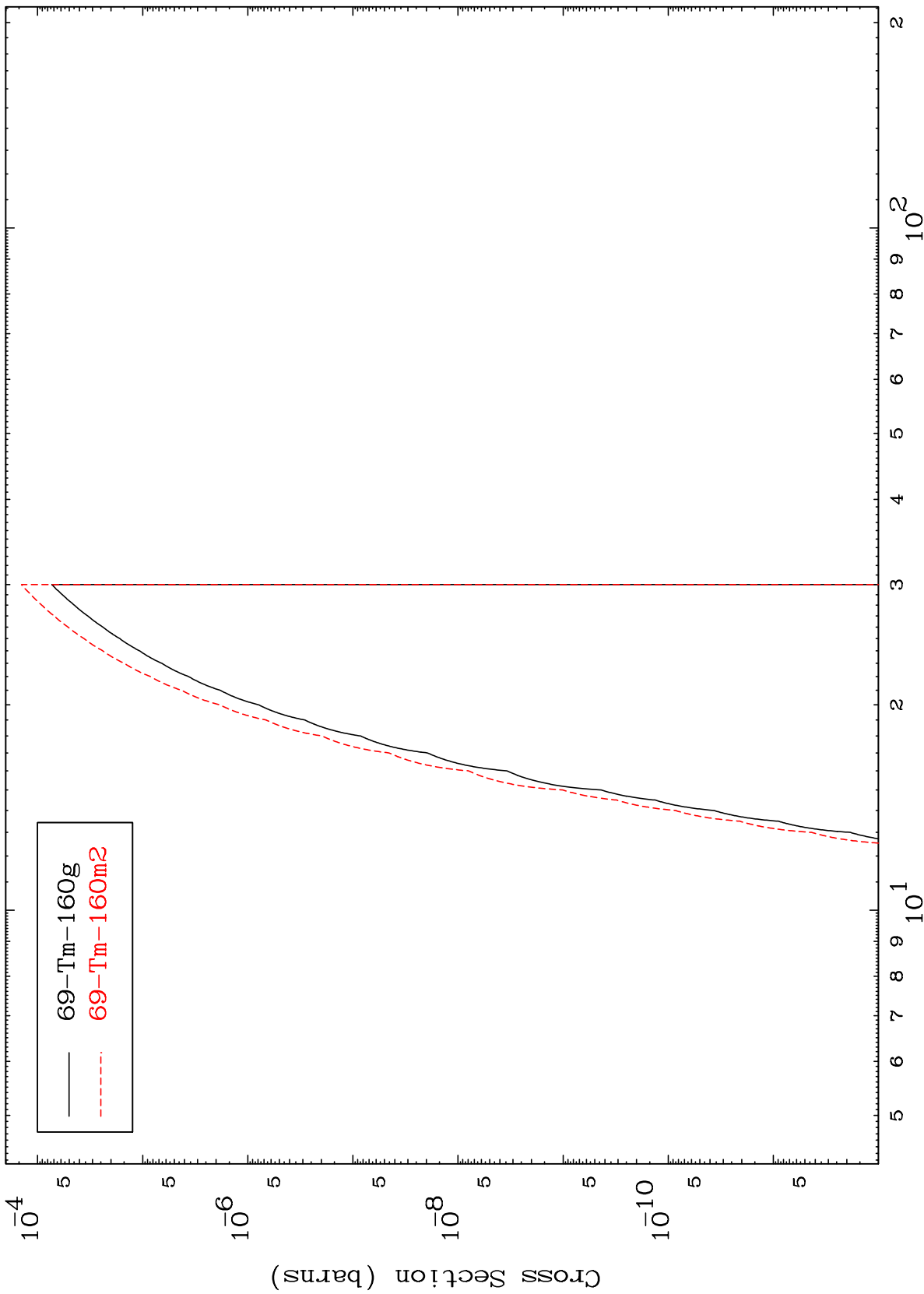


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(n,p) d

⁷¹Lu-162n

Radionuclide Production Cross Section



— 69-Tm-160g
- - - 69-Tm-160m2

Incident Energy (MeV)

⁷¹Lu-162n

28