

Program EVALPLOT
(Version 2021-1)

by

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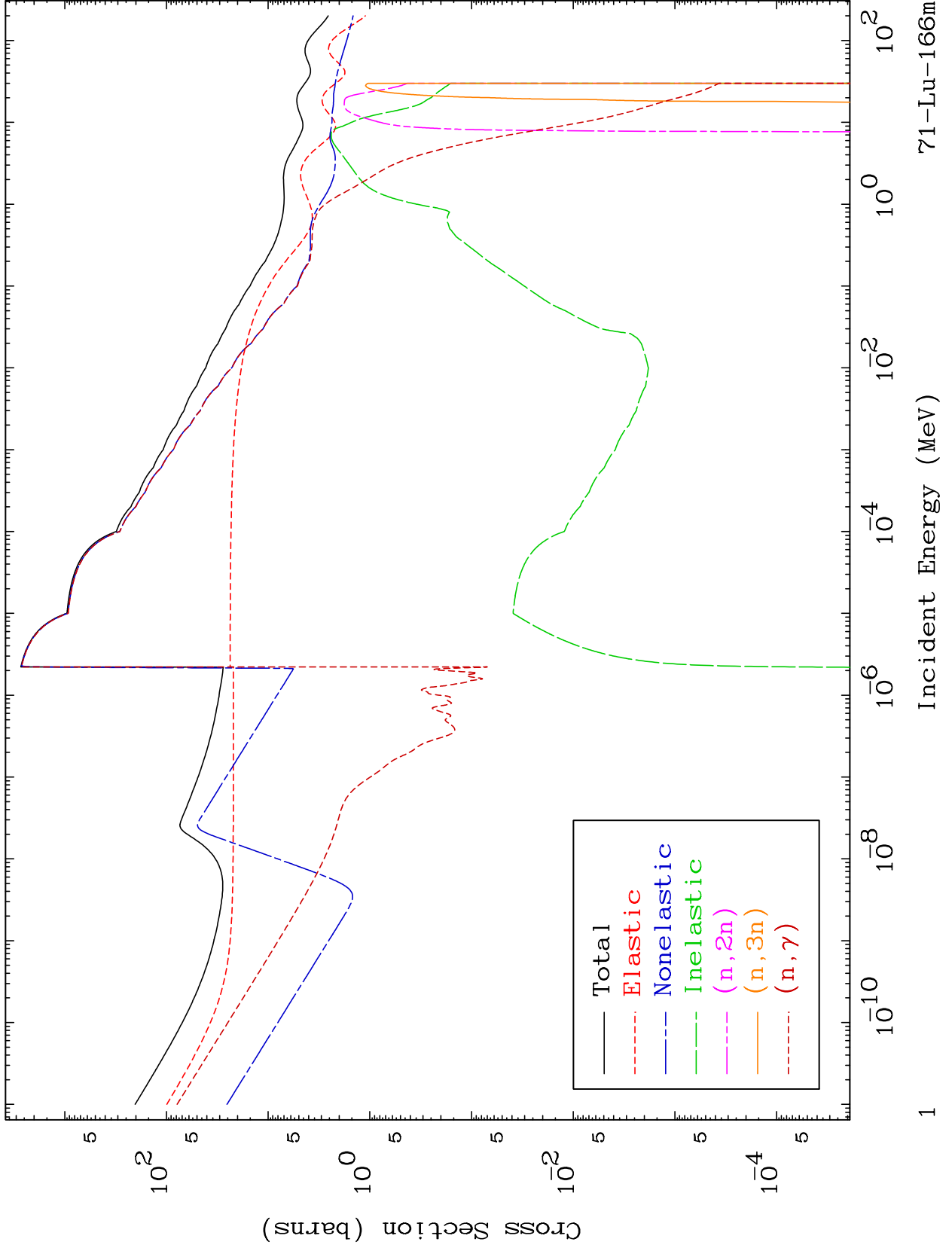
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7099

Neutron Major
293 Kelvin Cross Sections

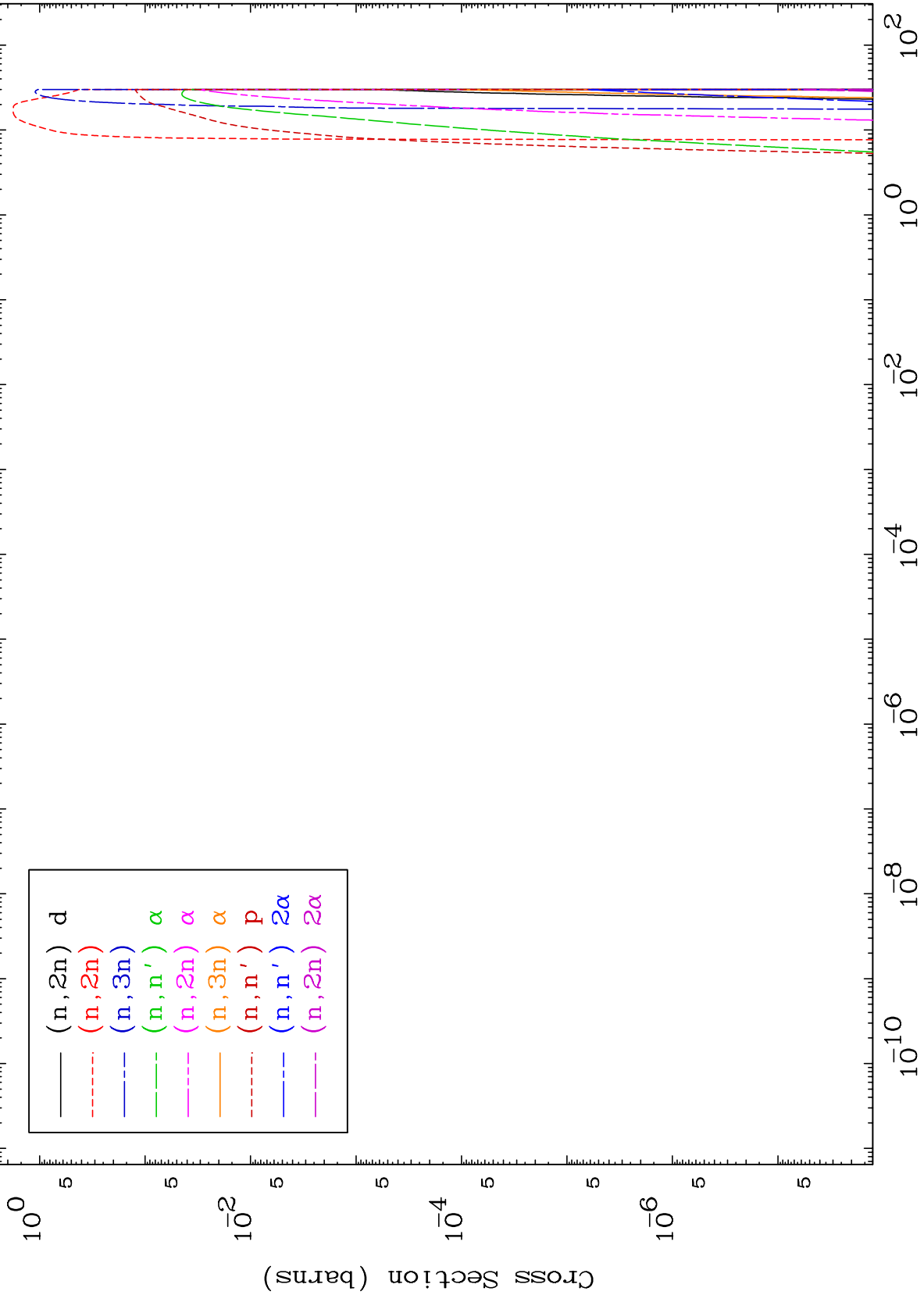
71-Lu-166m



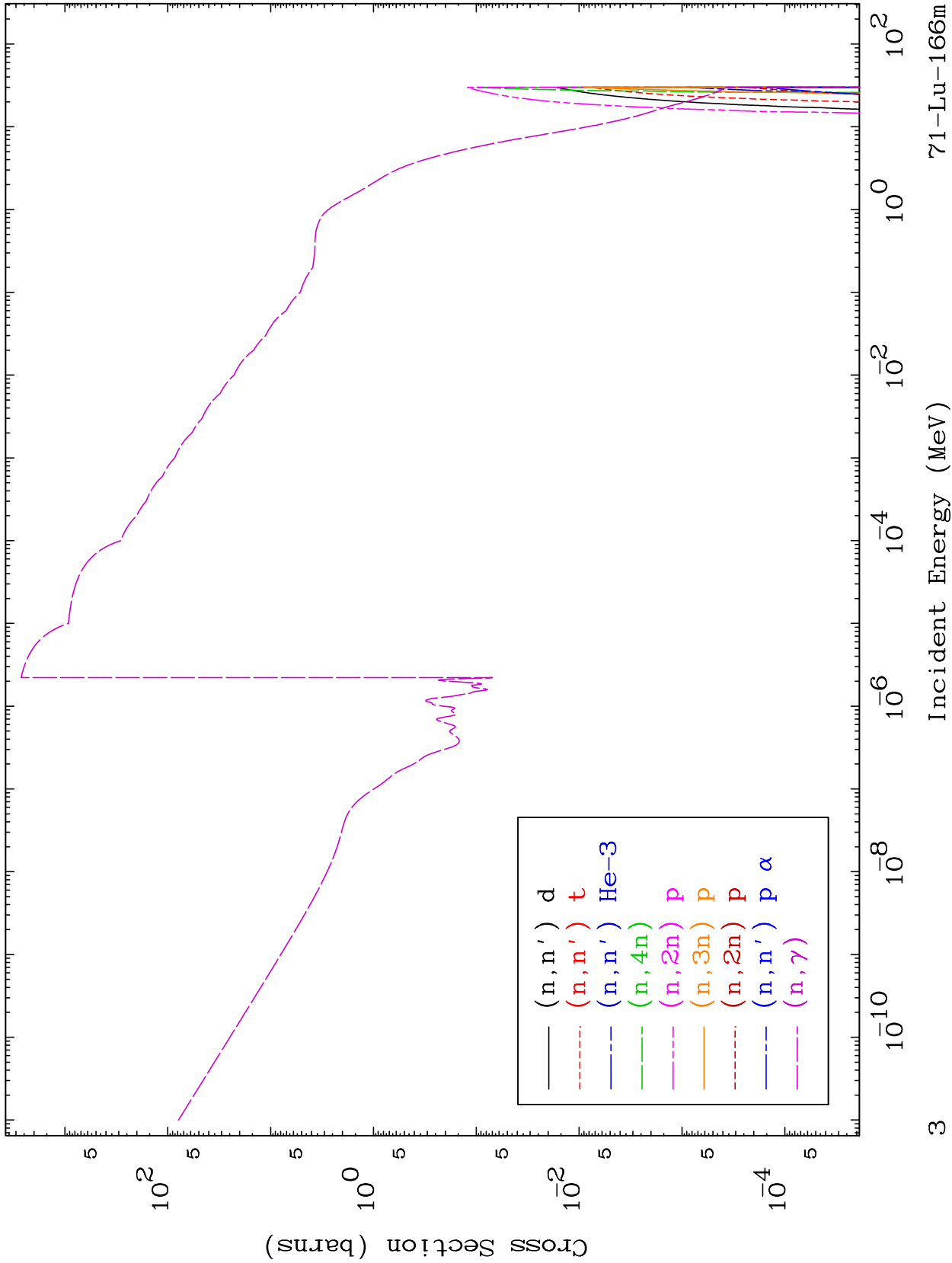
MAT 7099

Neutron Absorption
293 Kelvin Cross Sections

71-Lu-166m



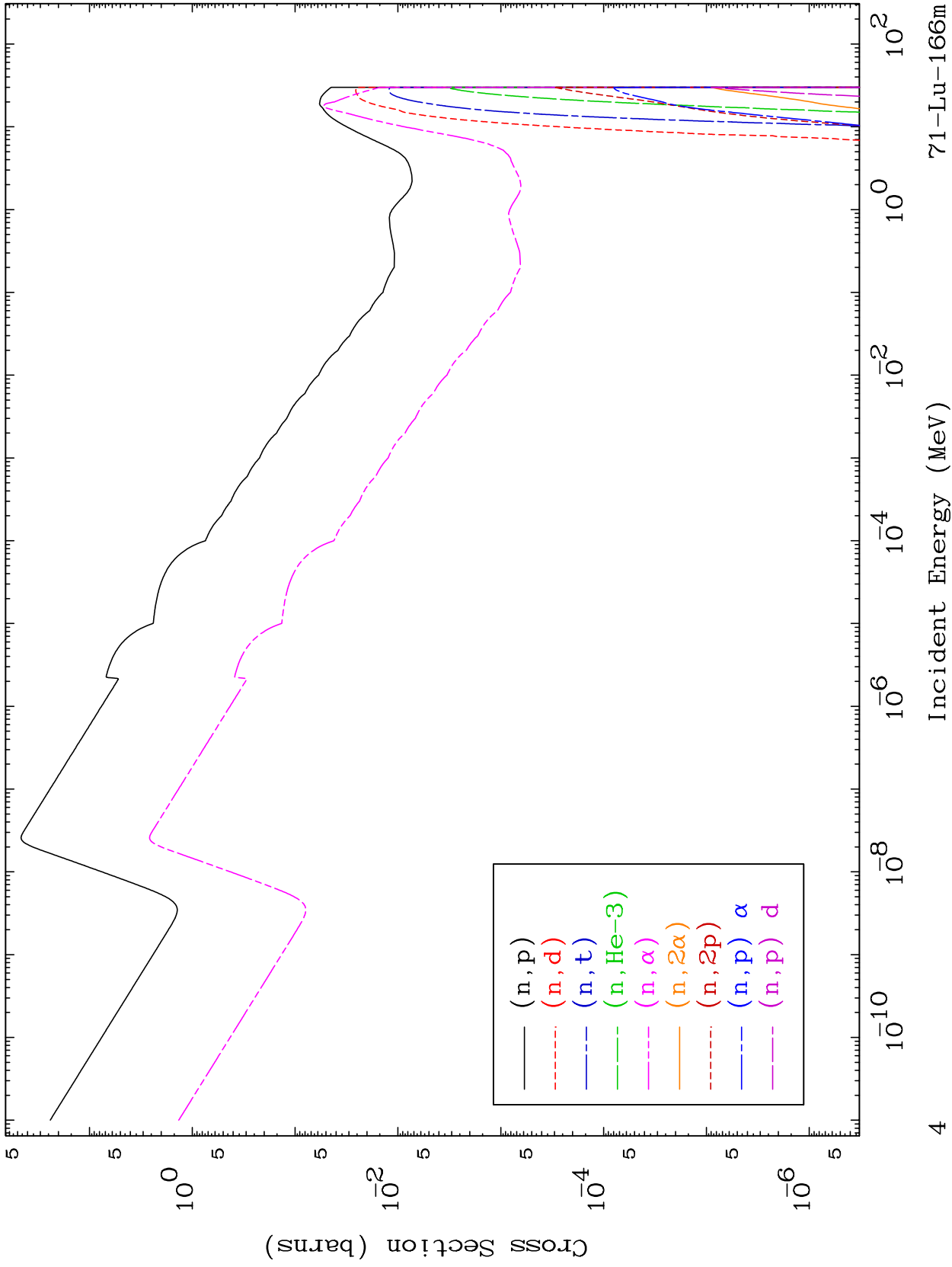
71-Lu-166m

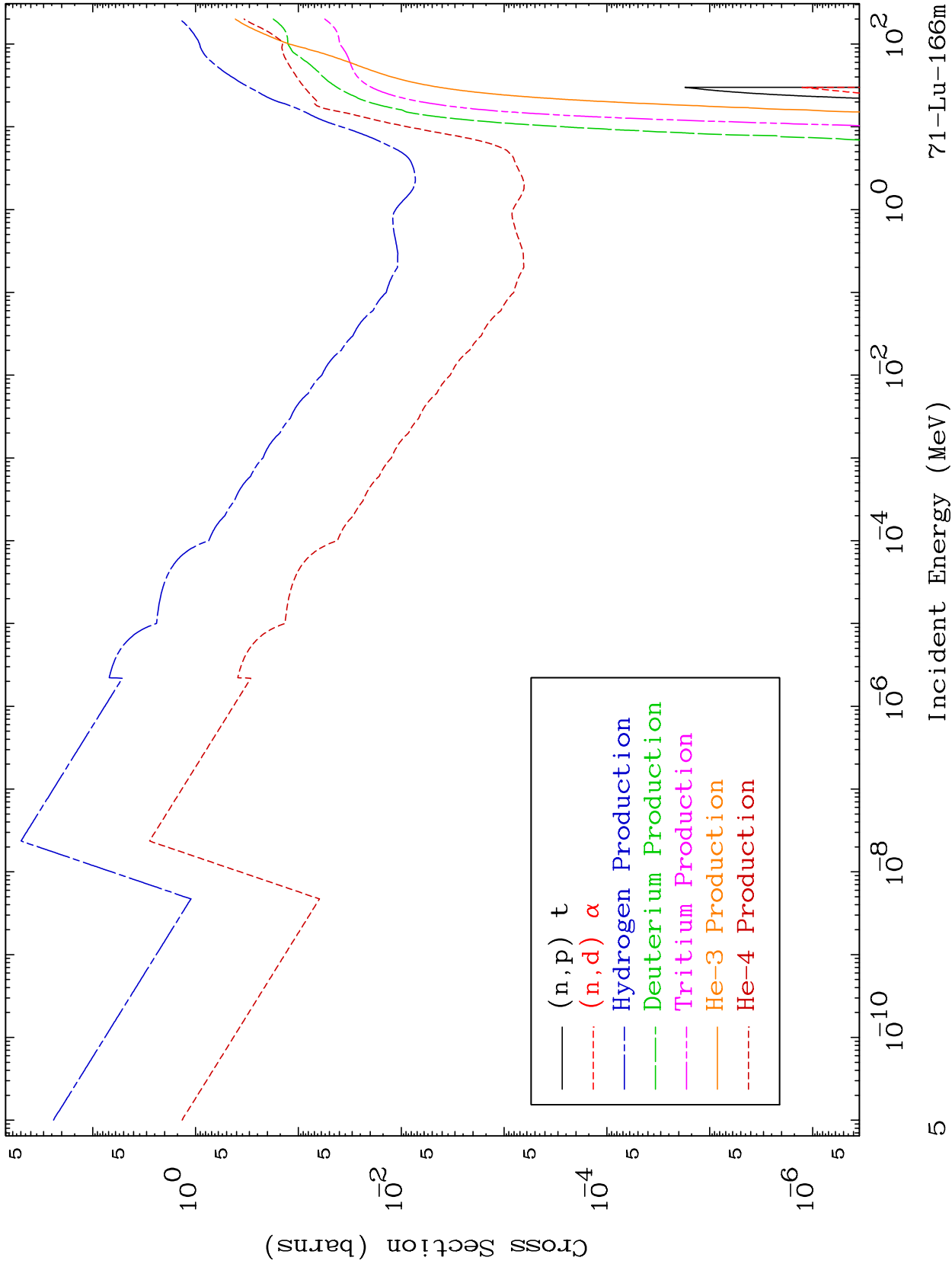


MAT 7099

Neutron Absorption
293 Kelvin Cross Sections

71-Lu-166m

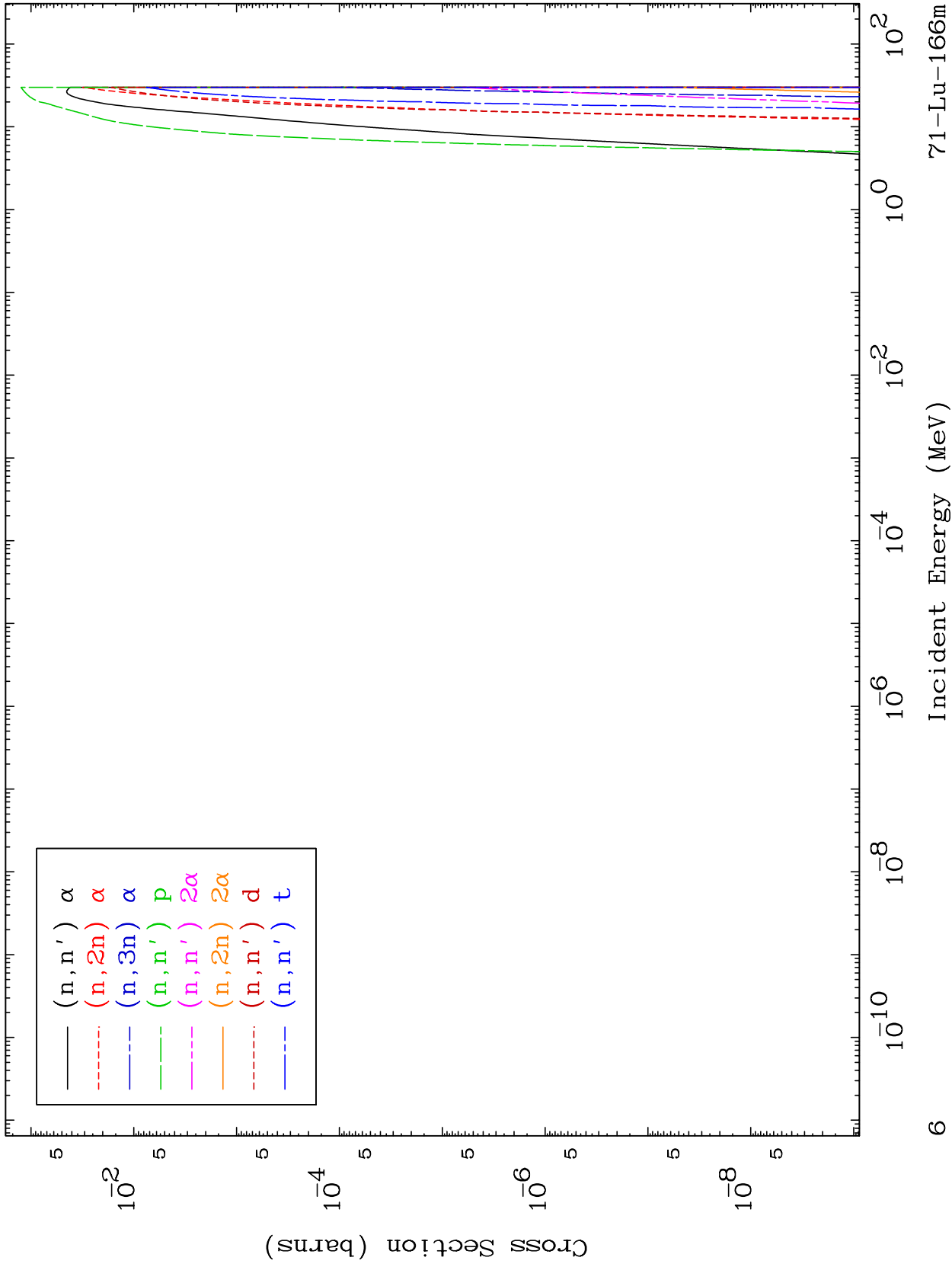




MAT 7099

Charged Particle
293 Kelvin Cross Sections

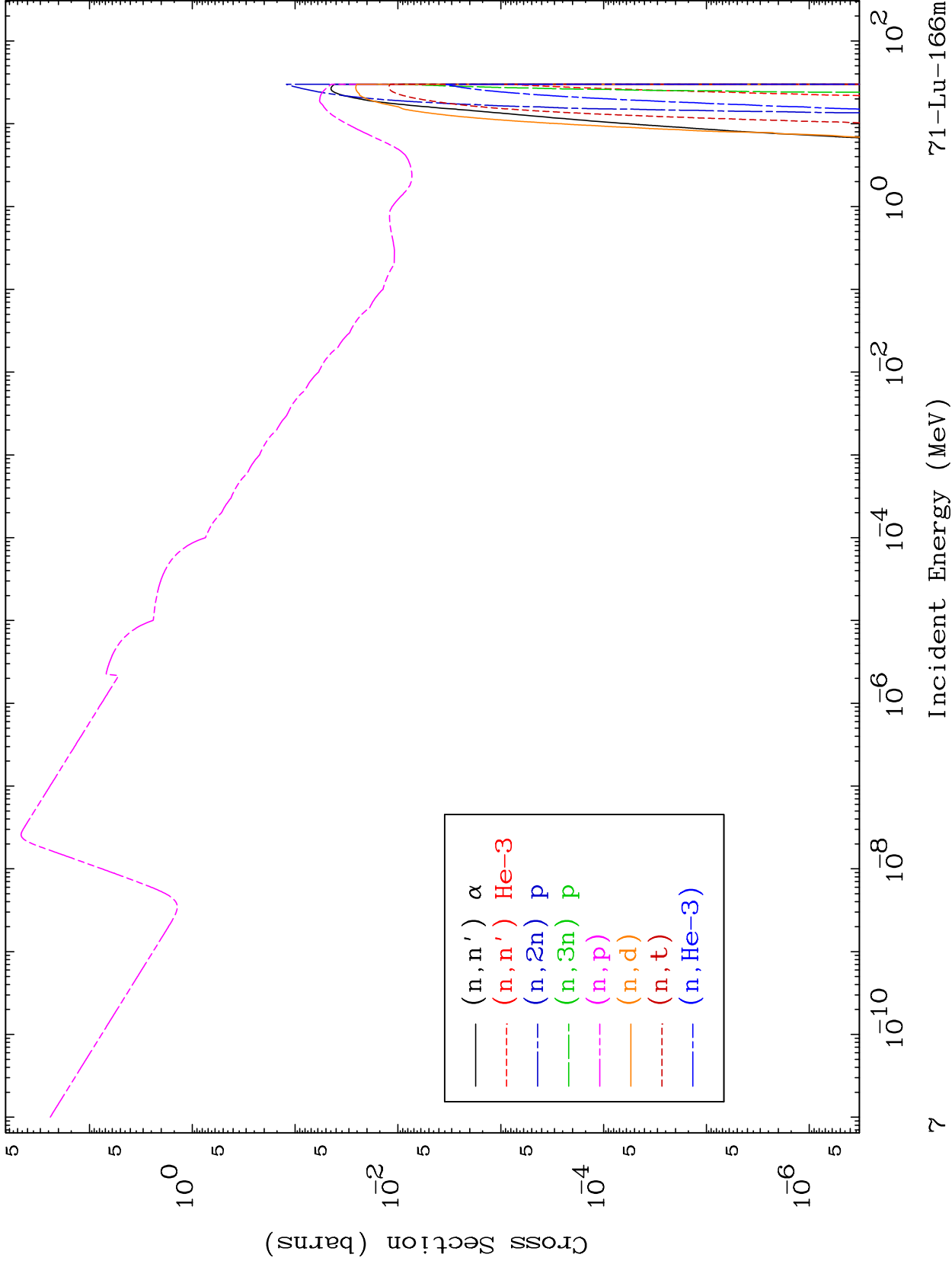
⁷¹Lu-166m



MAT 7099

Charged Particle
293 Kelvin Cross Sections

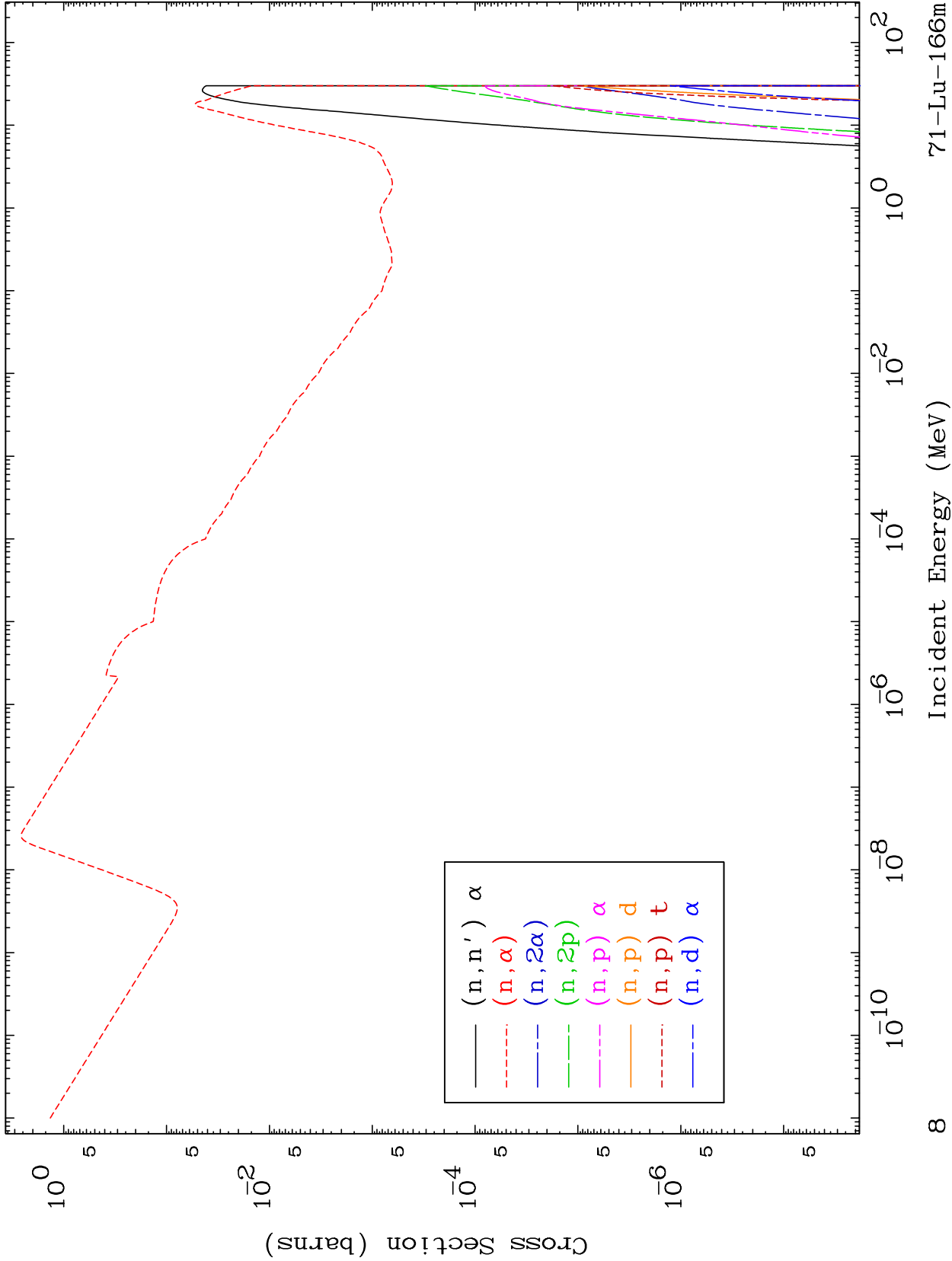
71-Lu-166m



MAT 7099

Charged Particle
293 Kelvin Cross Sections

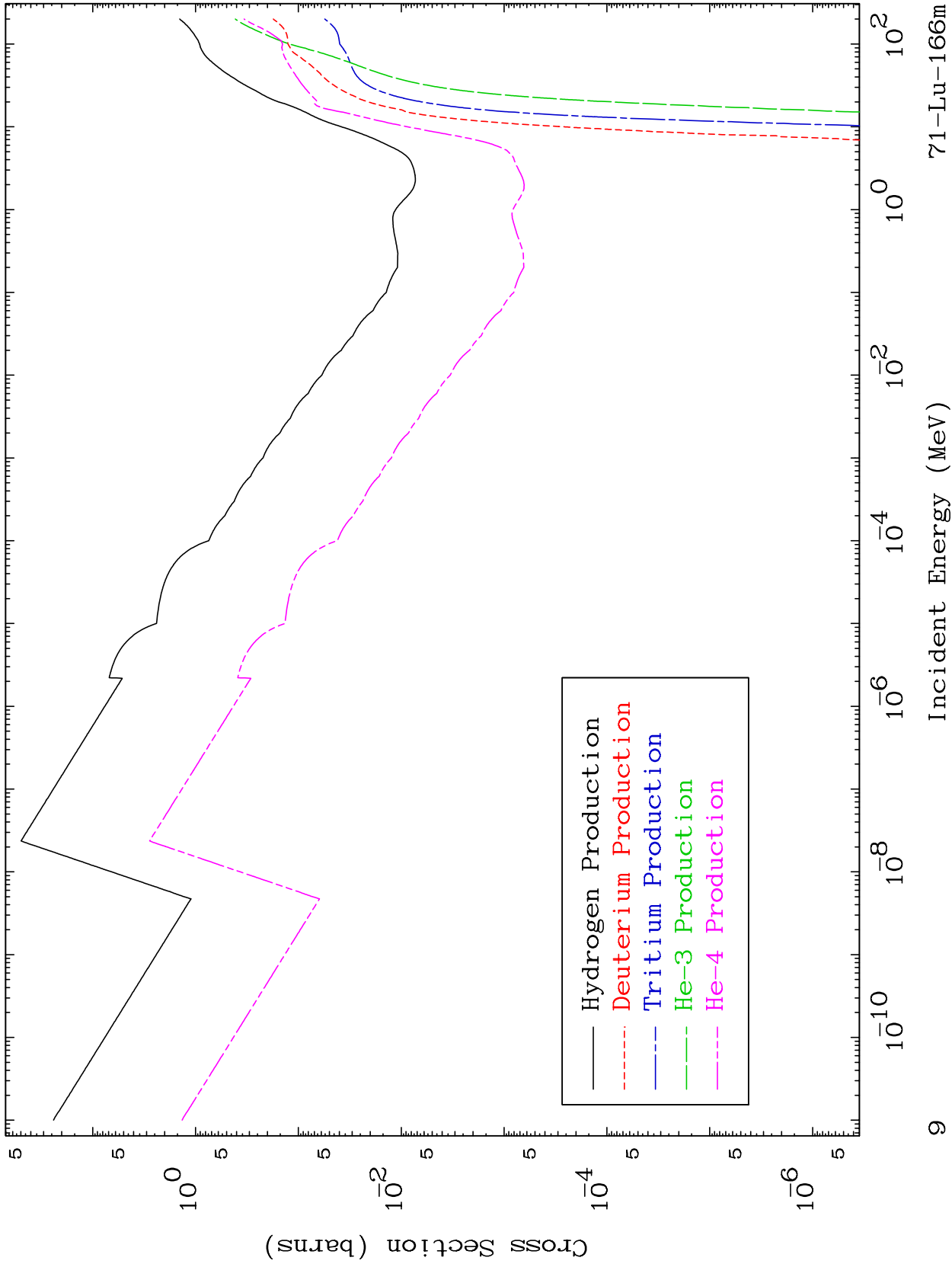
71-Lu-166m



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Particle Production
293 Kelvin Cross Sections

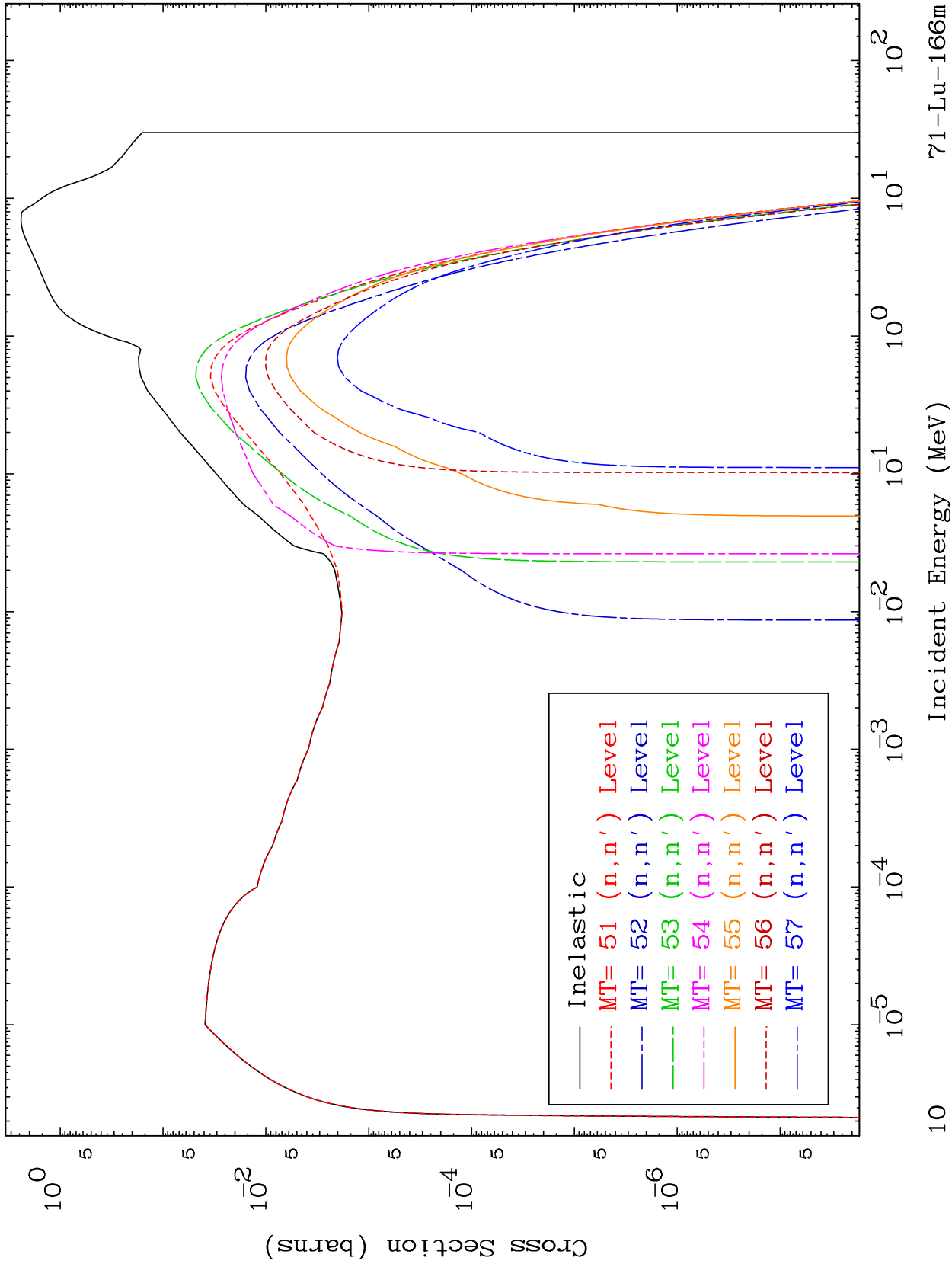
⁷¹Lu-166m



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(n,n') Levels
293 Kelvin Cross Sections

71-Lu-166m

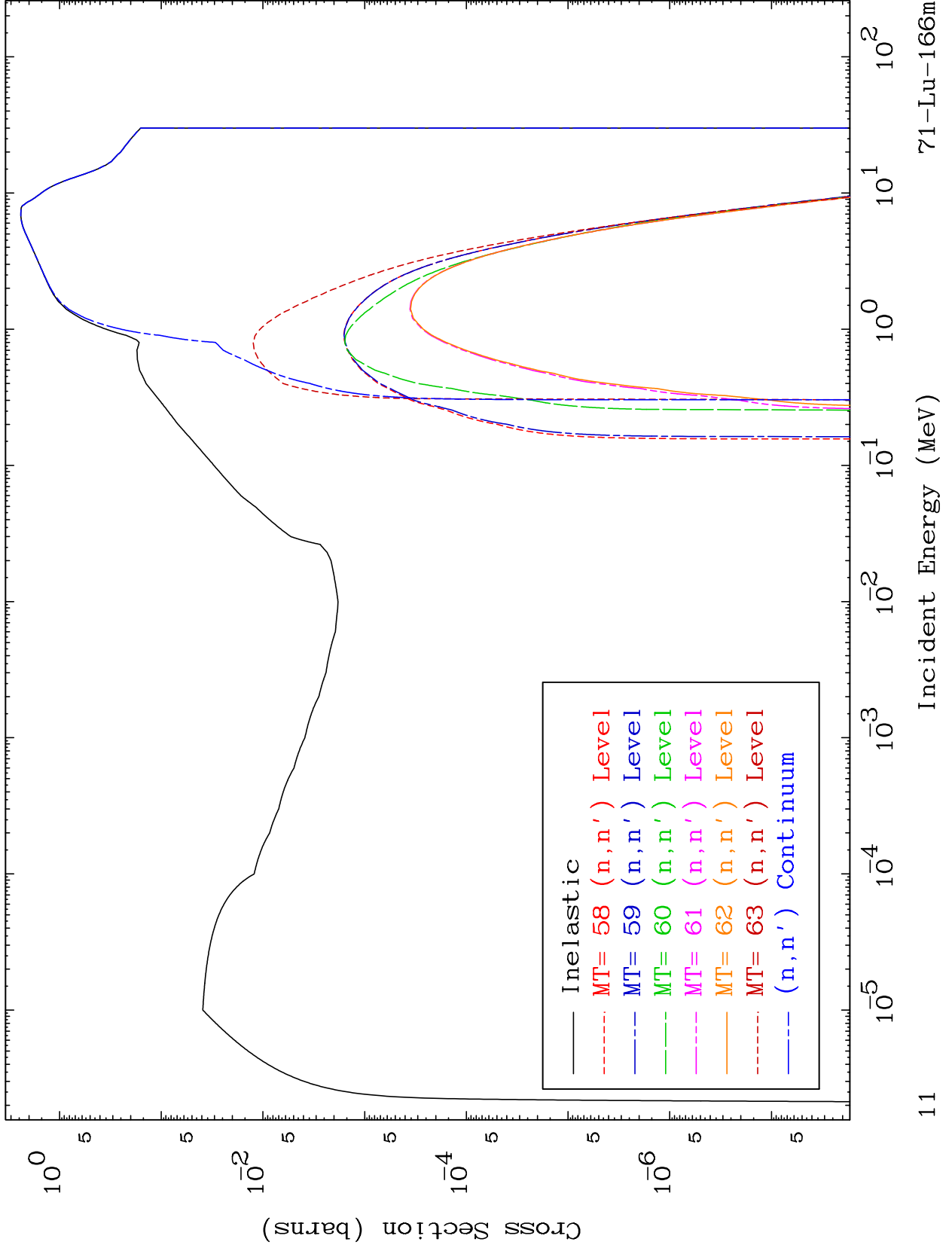


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(n,n') Levels
293 Kelvin Cross Sections

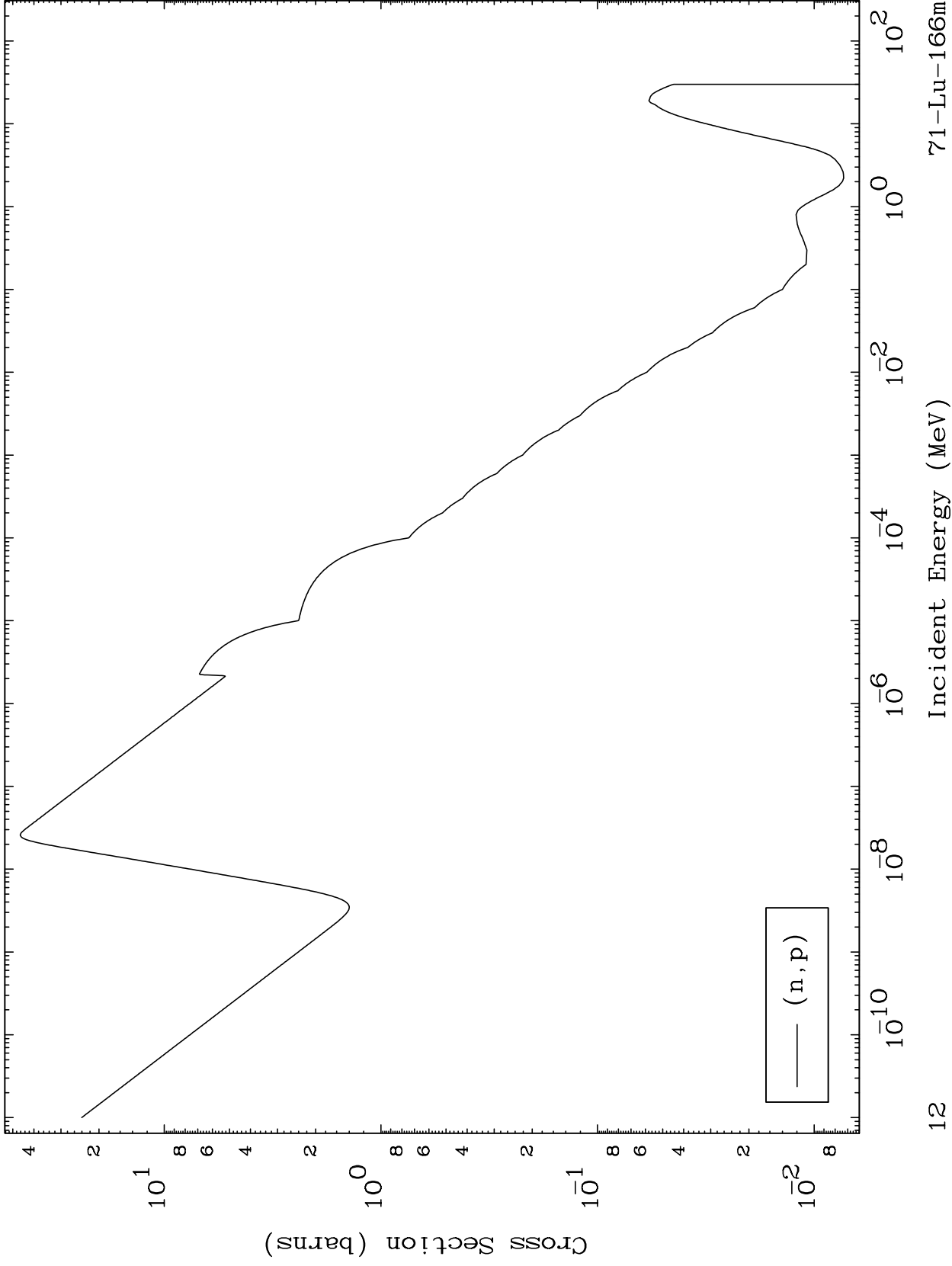
71-Lu-166m



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(n,p) Levels
293 Kelvin Cross Sections

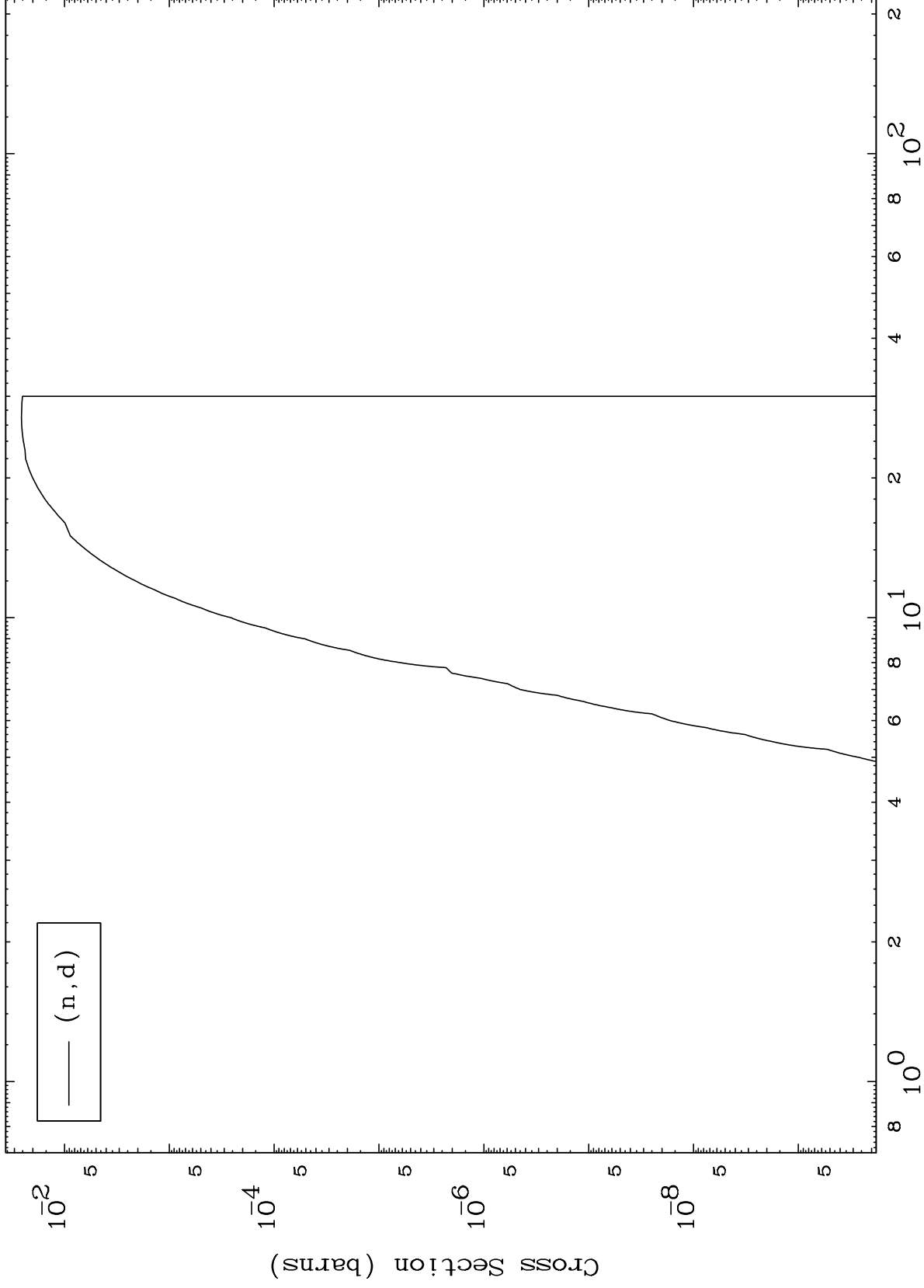
71-Lu-166m



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(n,d) Levels
293 Kelvin Cross Sections

⁷¹Lu-166m



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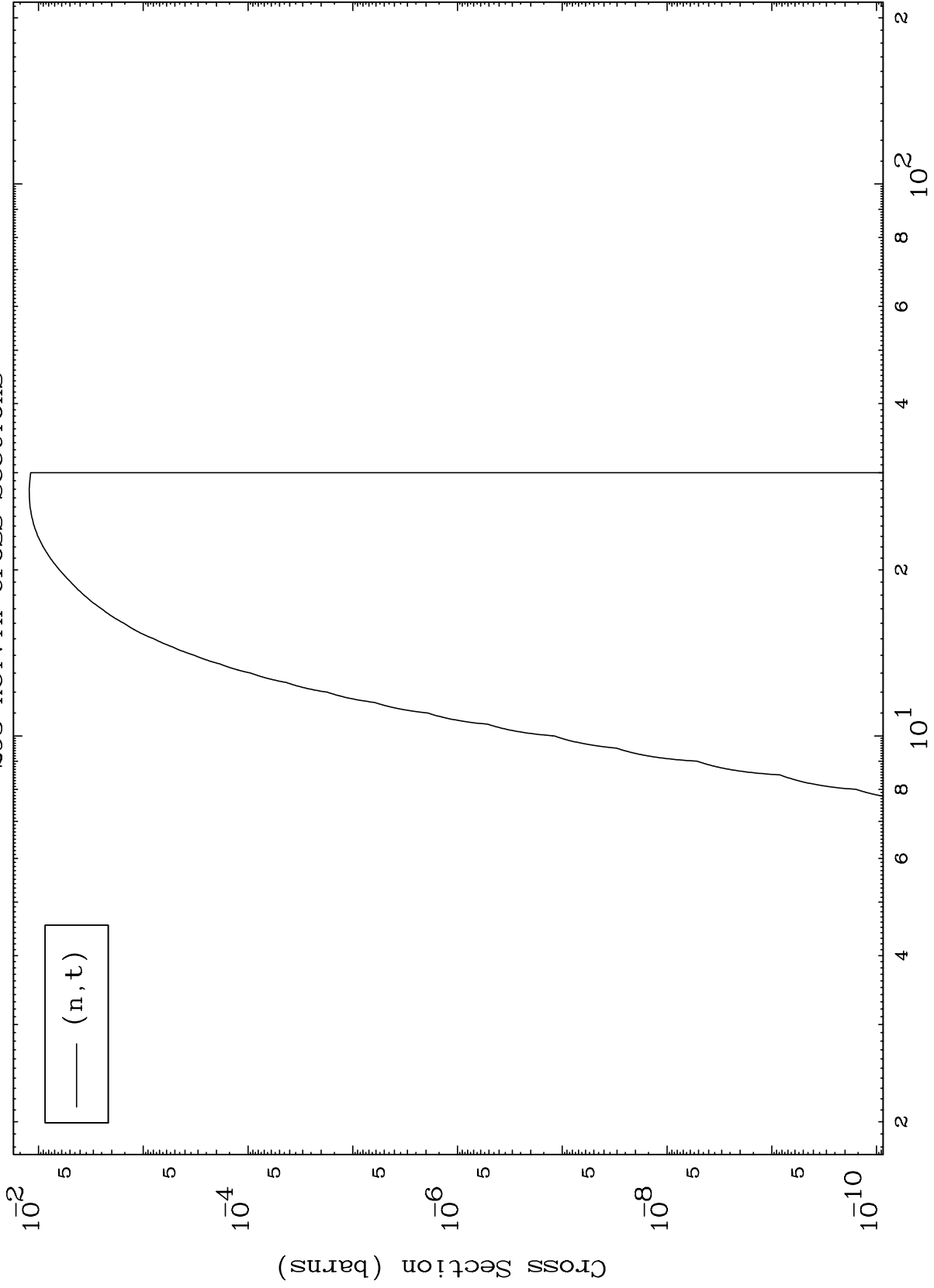
Incident Energy (MeV)

⁷¹Lu-166m

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(n,t) Levels
293 Kelvin Cross Sections

71-Lu-166m



14

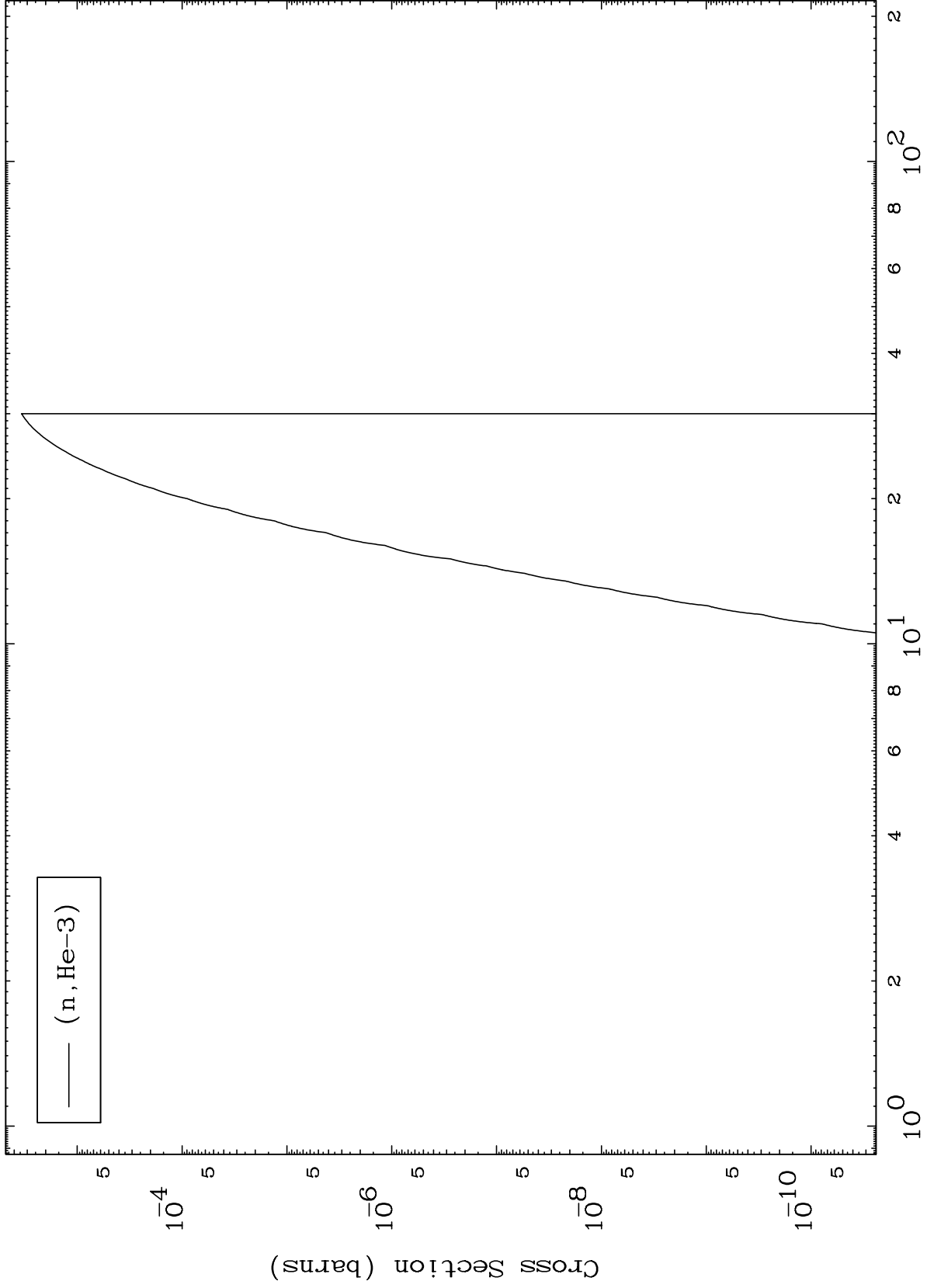
Incident Energy (MeV)

71-Lu-166m

MAT 7099

(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-166m



15

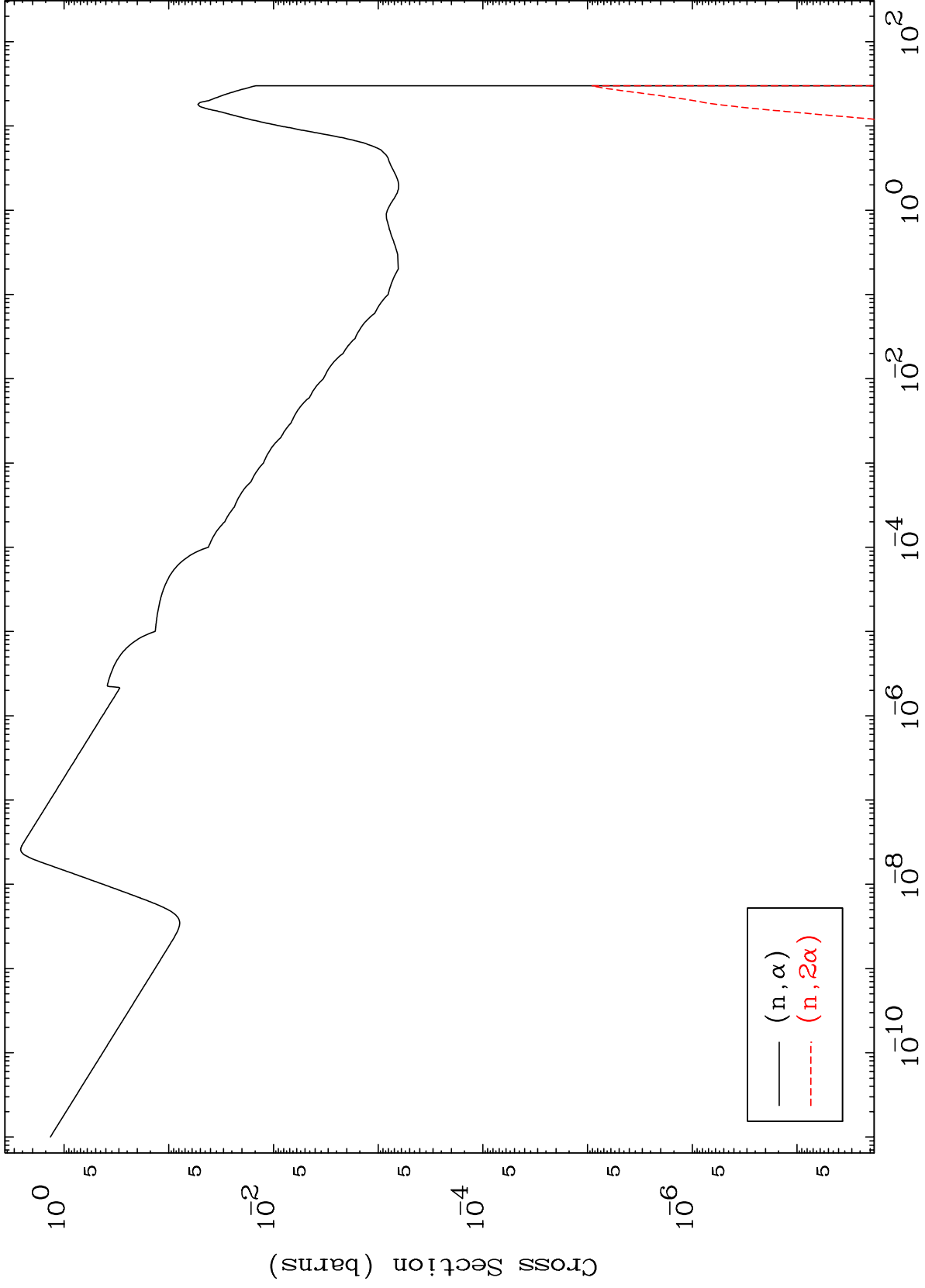
Incident Energy (MeV)

71-Lu-166m

MAT 7099

(n, α) Levels
293 Kelvin Cross Sections

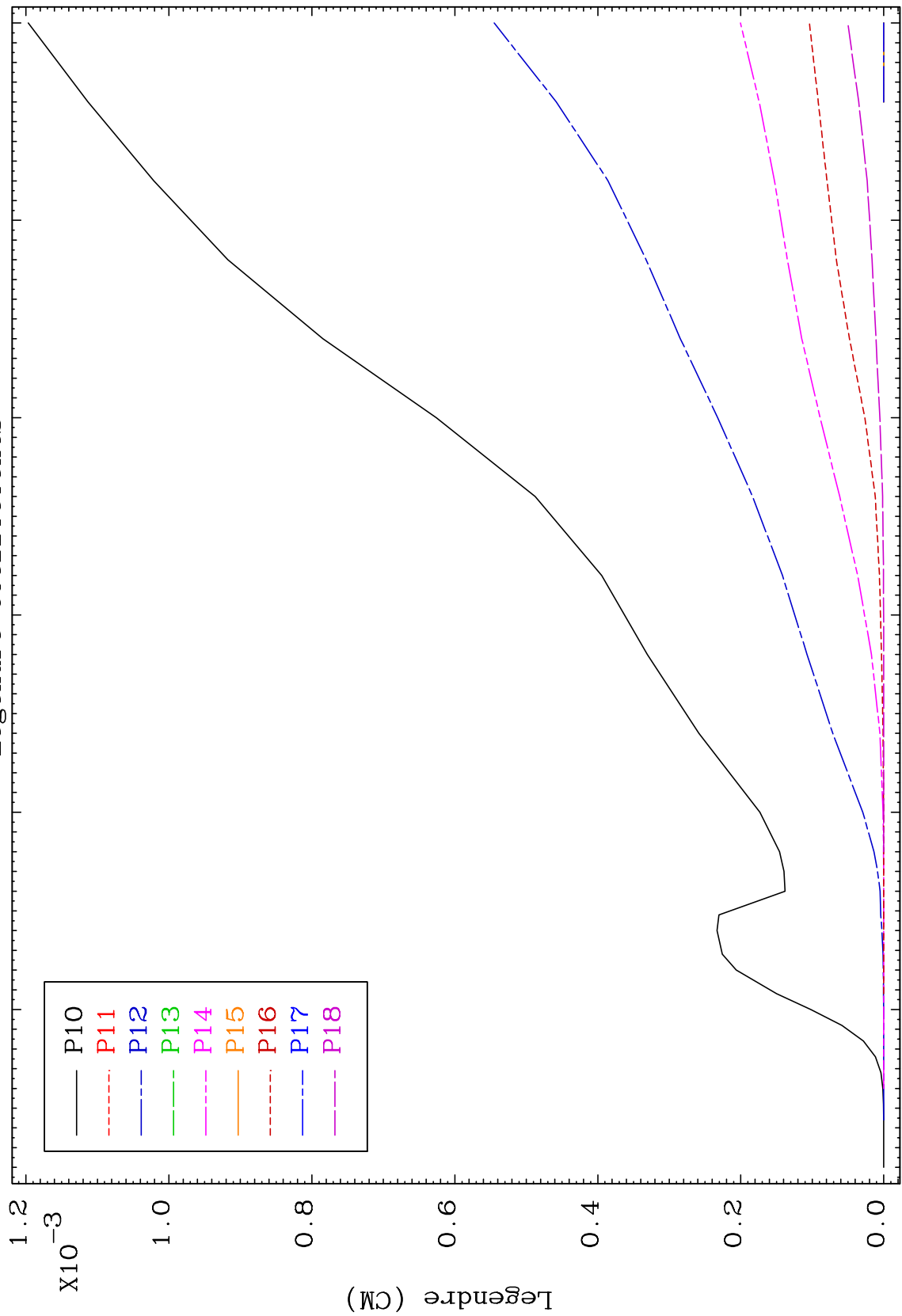
71-Lu-166m



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Elastic Legendre Coefficients

⁷¹Lu-166m



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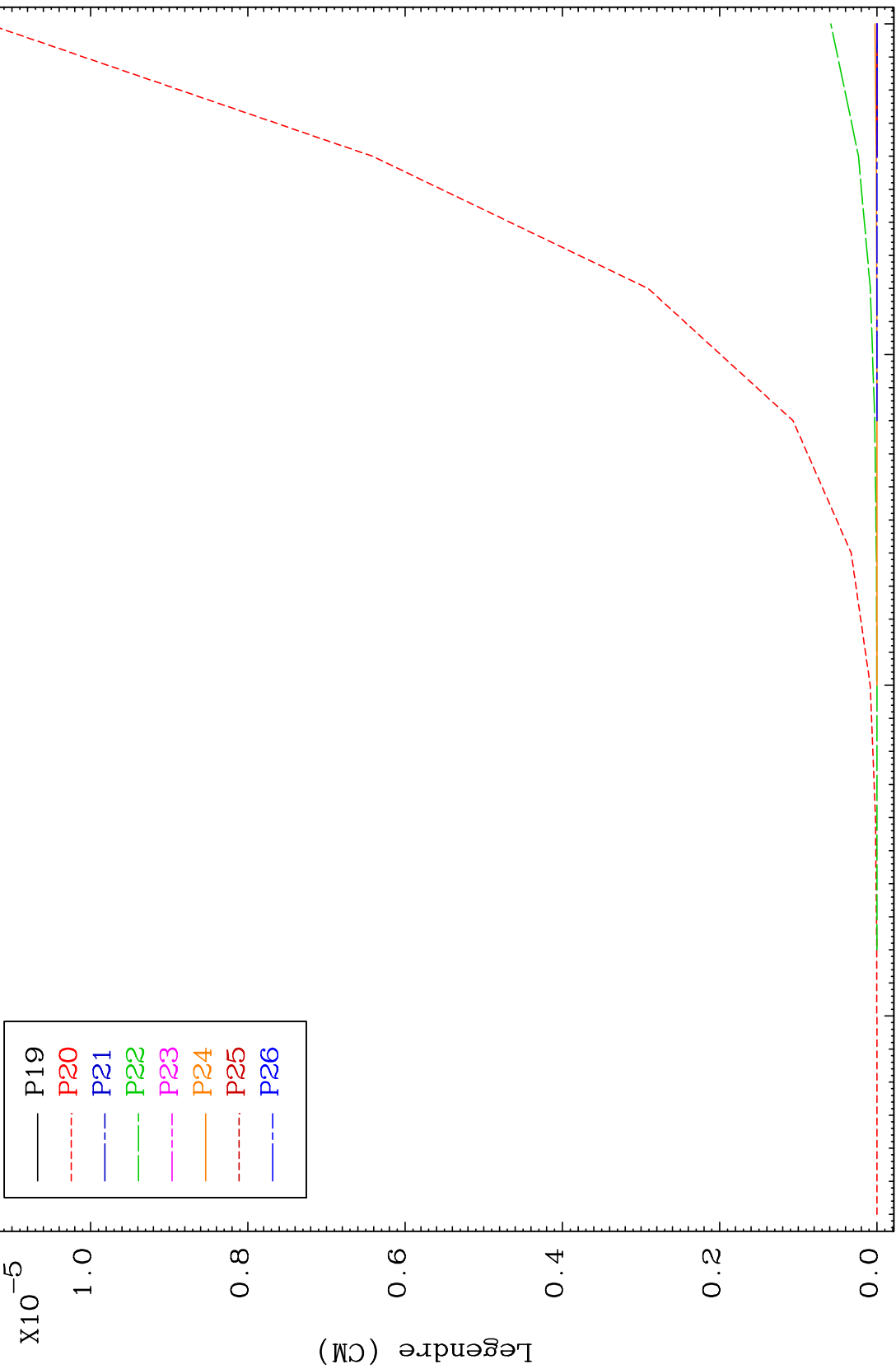
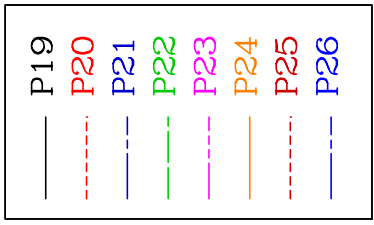
Incident Energy (MeV)

⁷¹Lu-166m

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Elastic Legendre Coefficients

⁷¹Lu-166m



19

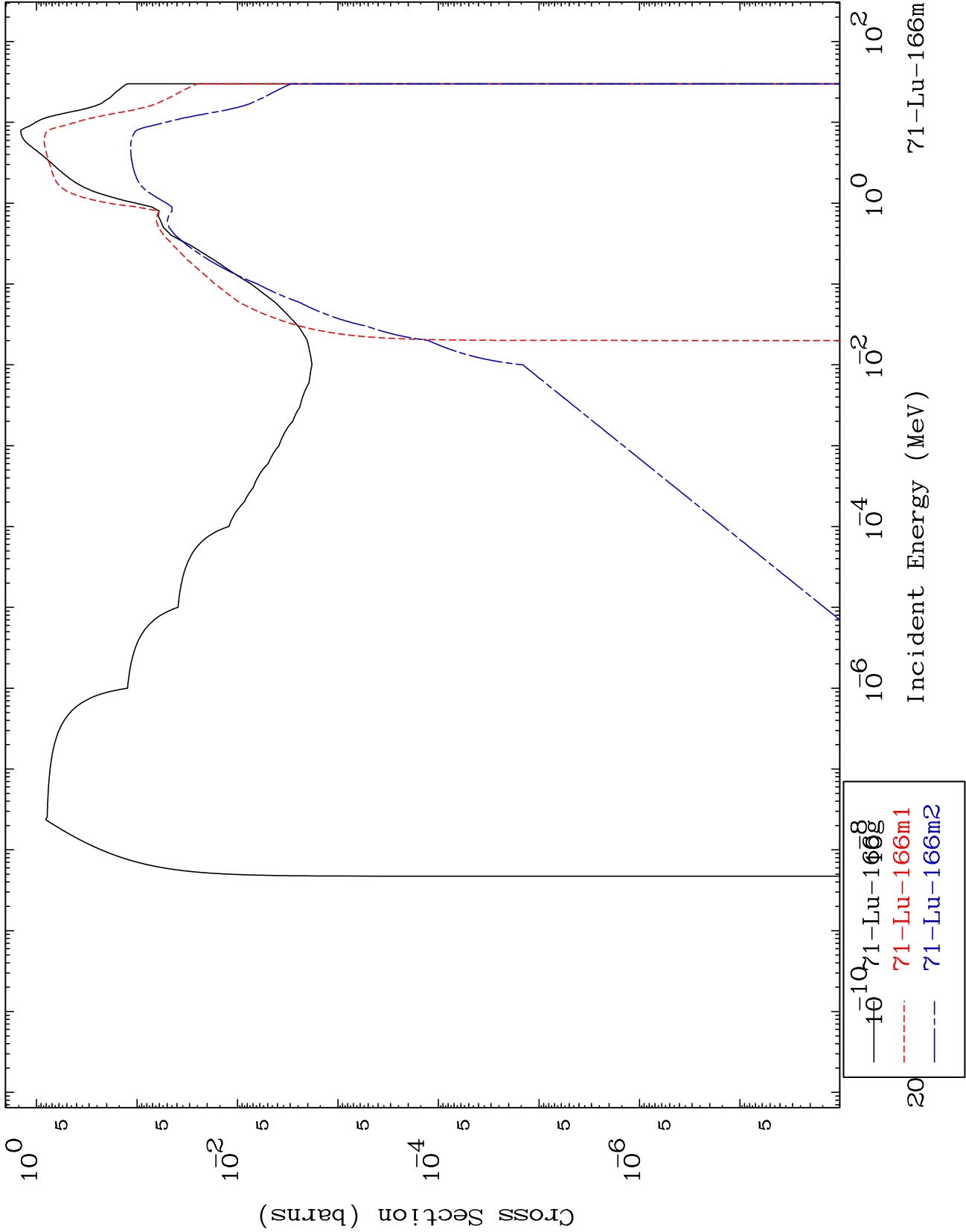
Incident Energy (MeV)

⁷¹Lu-166m

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Inelastic
Radionuclide Production Cross Section

$^{71}\text{Lu-166m}$

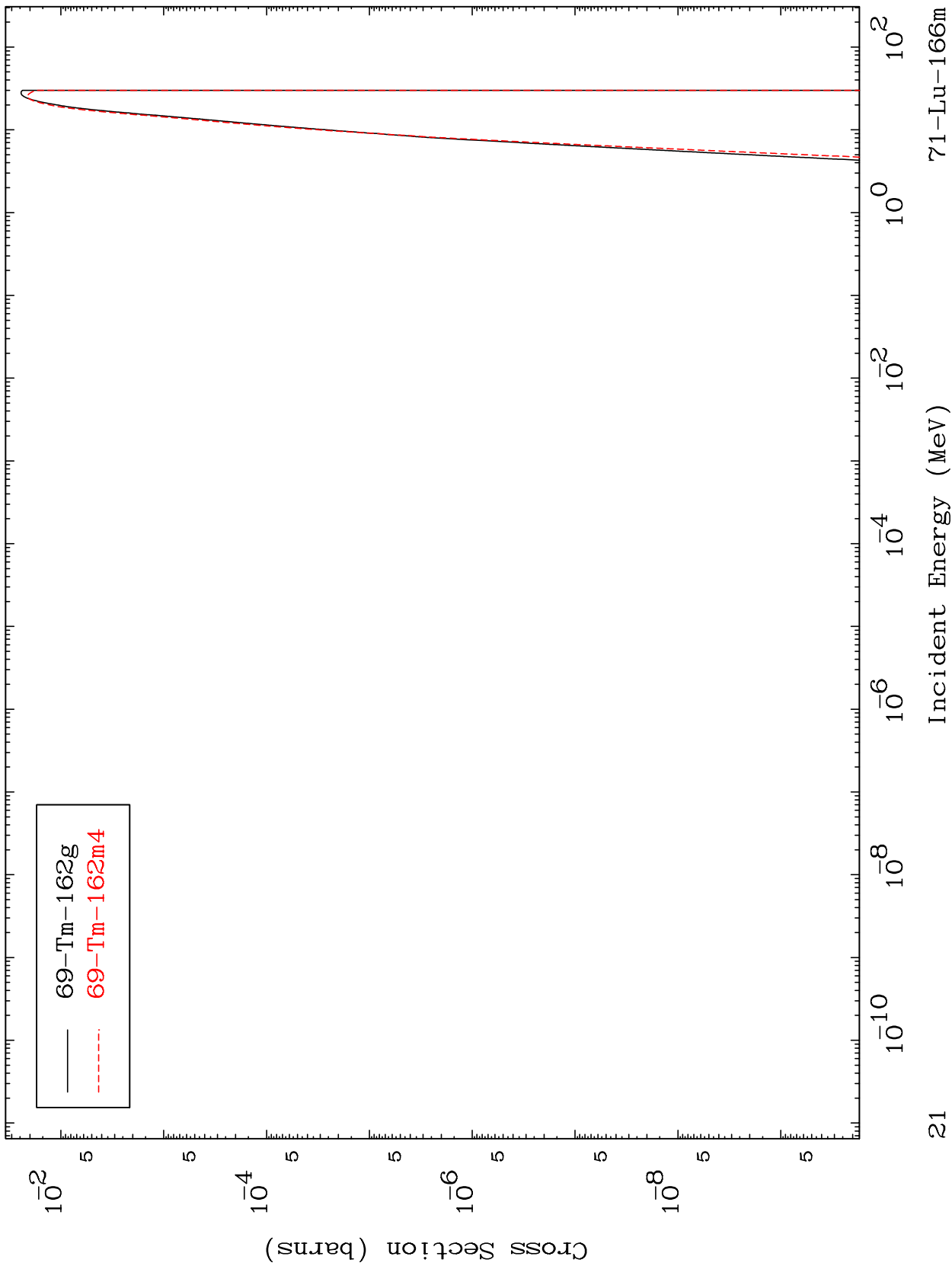


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$(n, n') \alpha$

$^{71}\text{Lu}-166\text{m}$

Radionuclide Production Cross Section

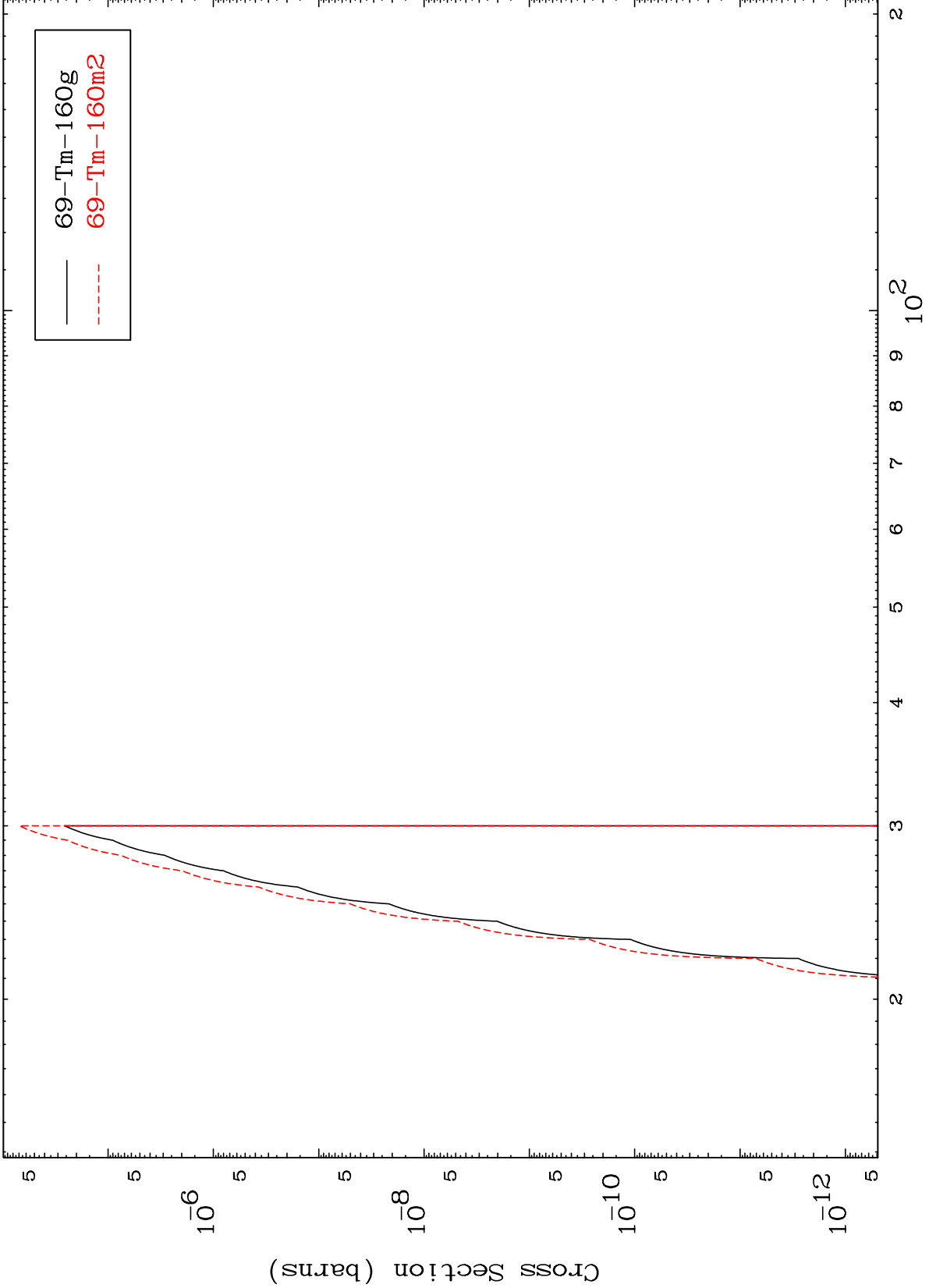


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(n,3n) α

71-Lu-166m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

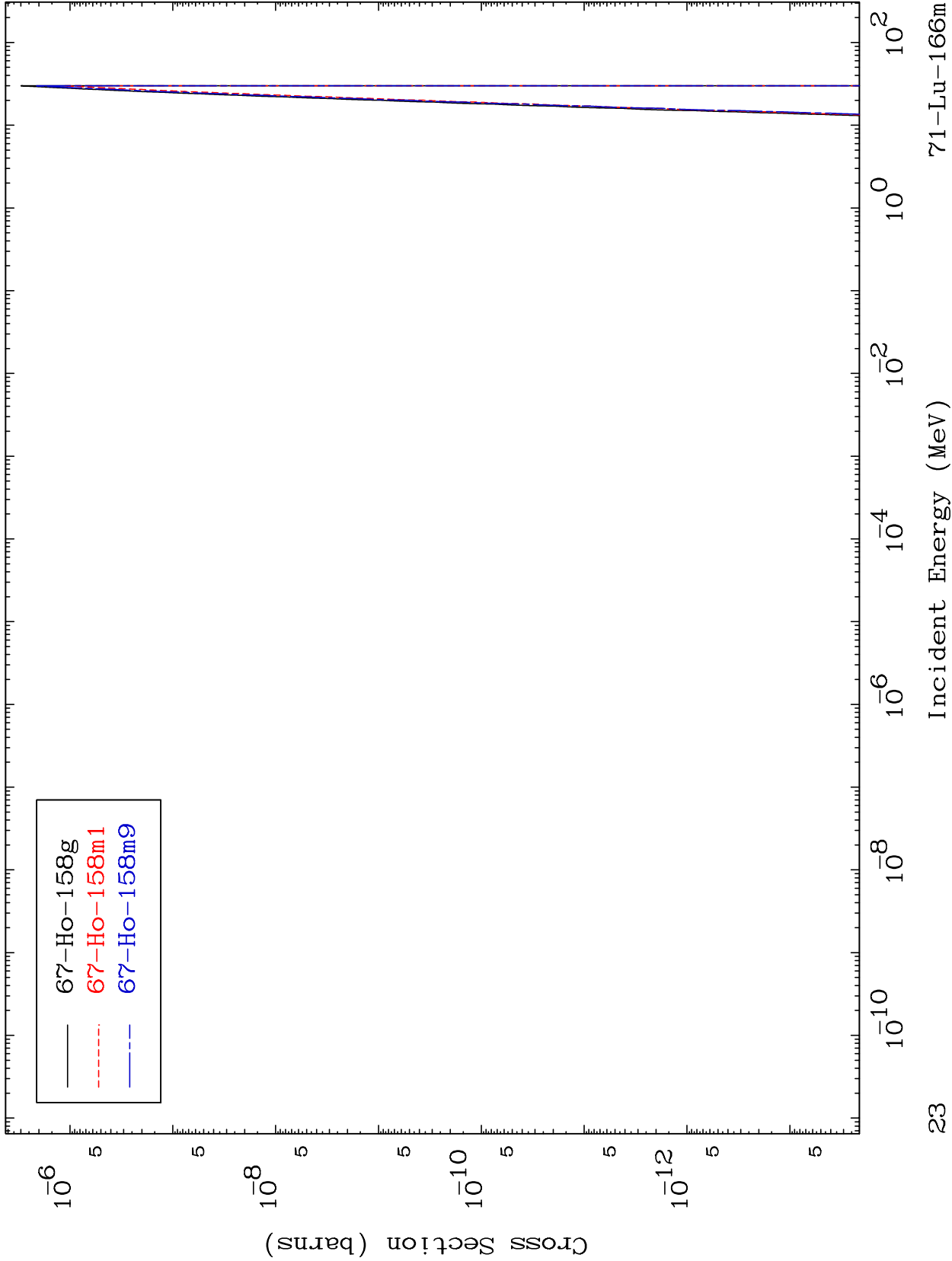
71-Lu-166m

MAT 7099

(n,n') 2α

71-Lu-166m

Radionuclide Production Cross Section

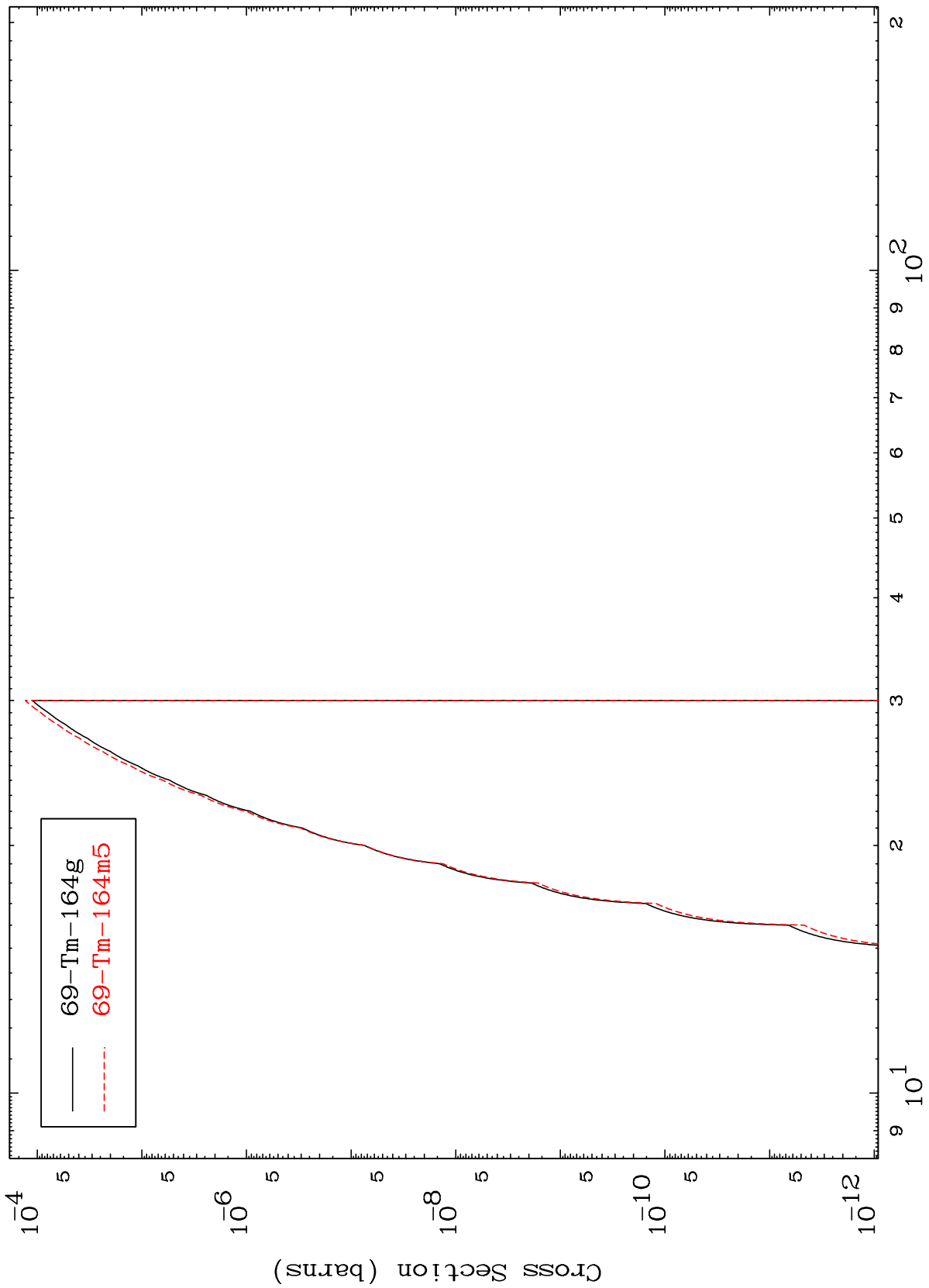


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(n,2n) p

71-Lu-166m

Radionuclide Production Cross Section



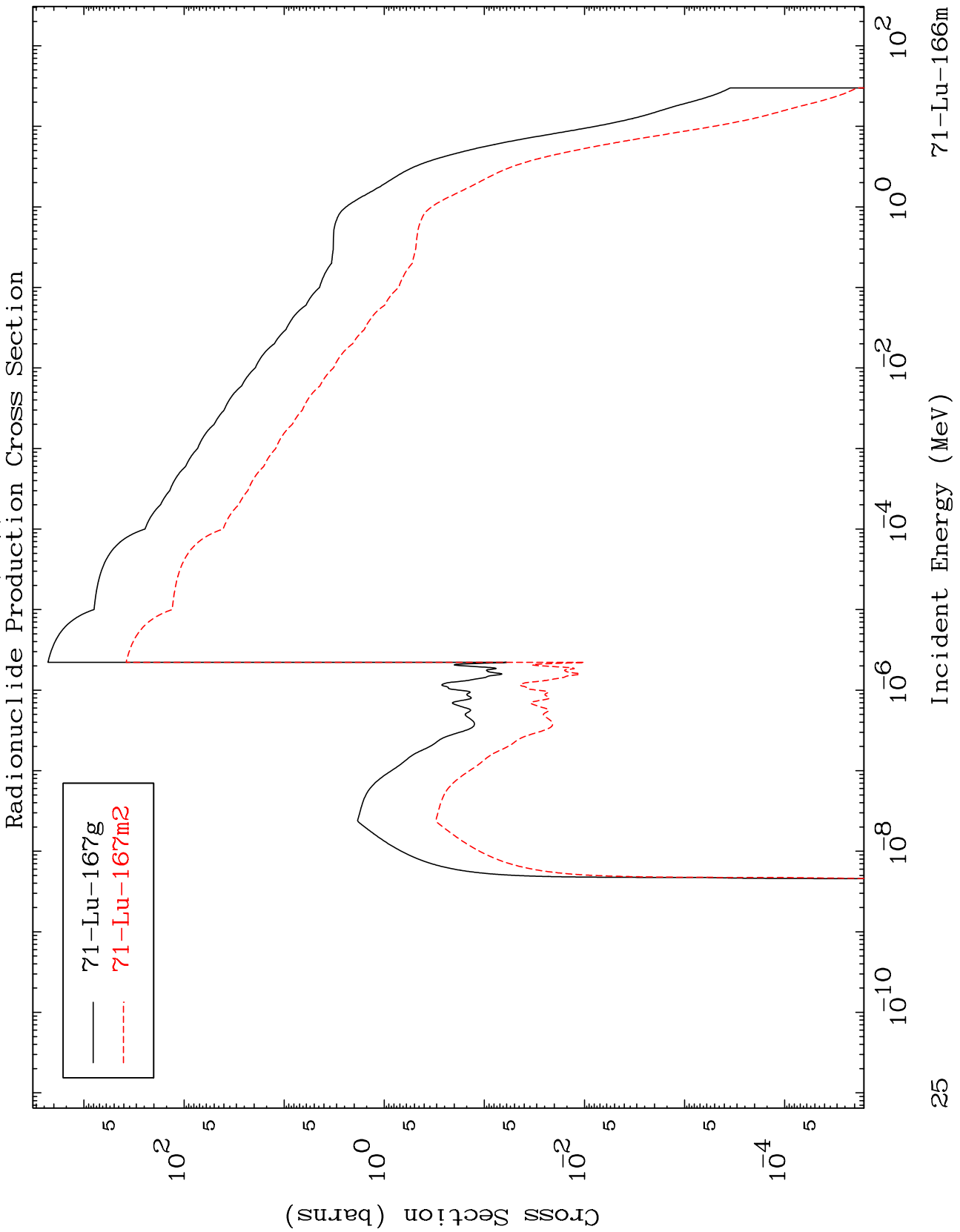
24

Incident Energy (MeV)

71-Lu-166m

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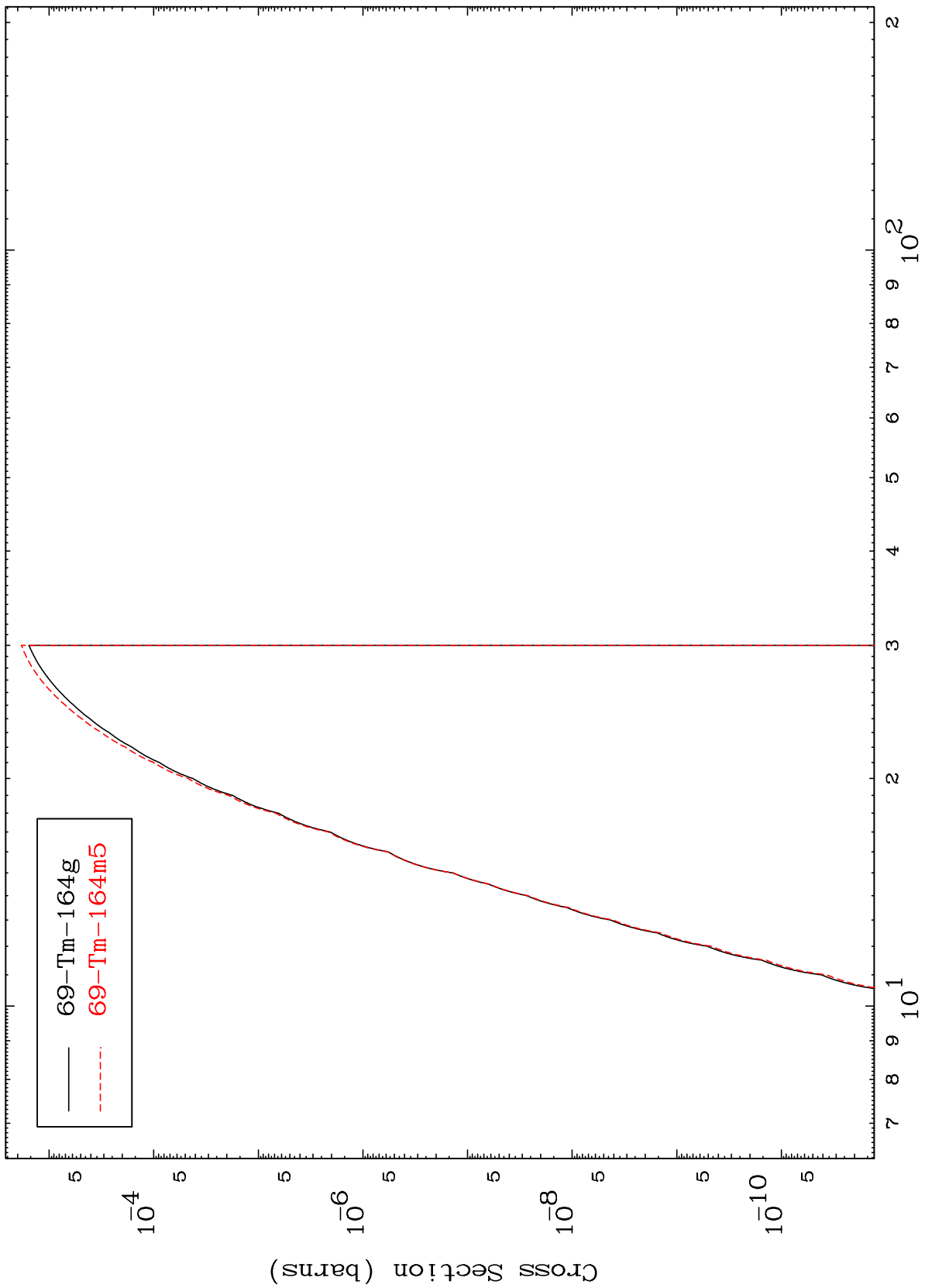
⁷¹Lu-166m



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⁷¹Lu-166m

Radionuclide Production Cross Section



69-Tm-164g
69-Tm-164m5

26

⁷¹Lu-166m

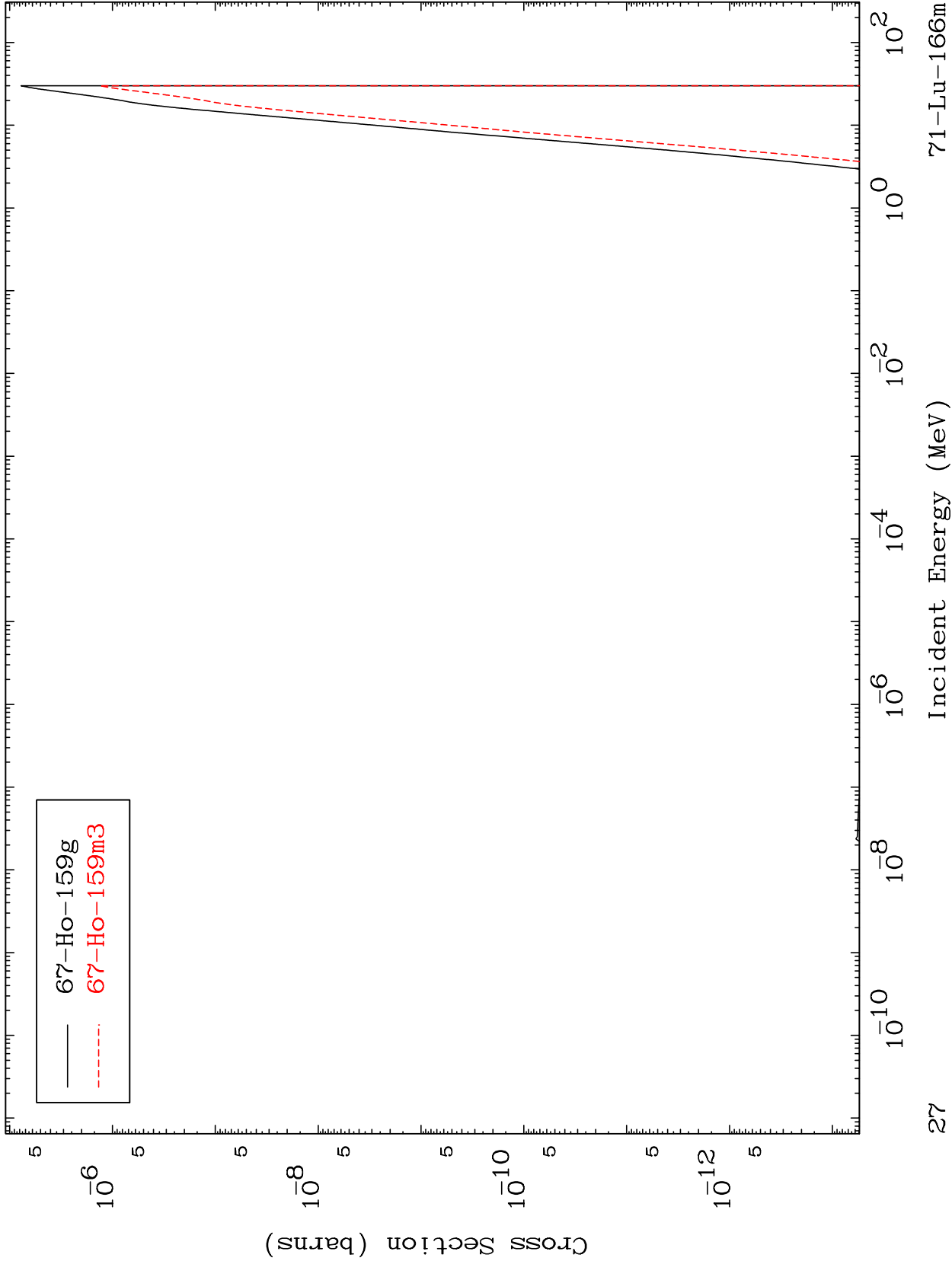
Incident Energy (MeV)

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(n,2 α)

⁷¹Lu-166m

Radionuclide Production Cross Section

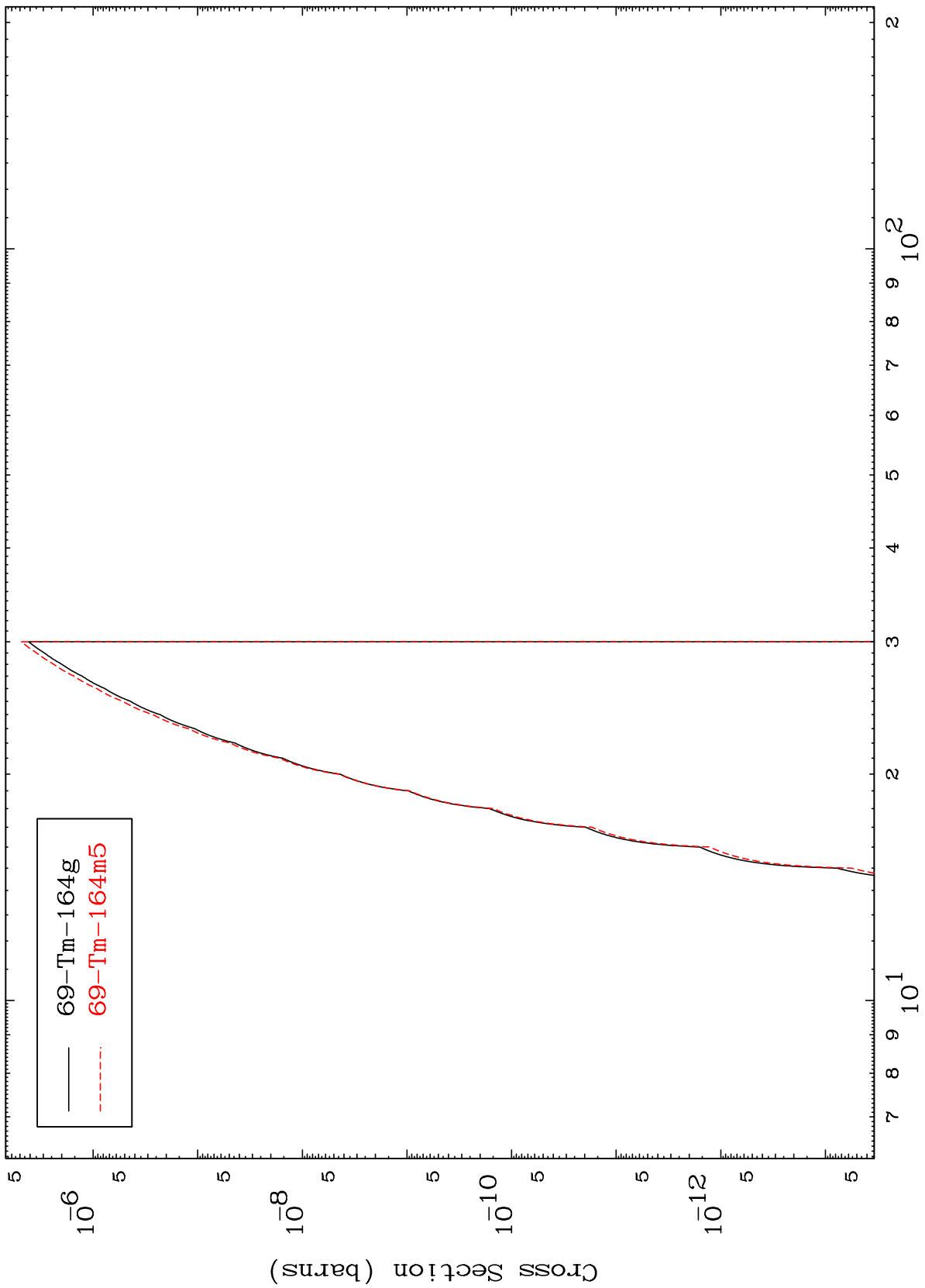


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(n,p) d

71-Lu-166m

Radionuclide Production Cross Section



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Incident Energy (MeV)

71-Lu-166m