

Program EVALPLOT
(Version 2021-1)

by

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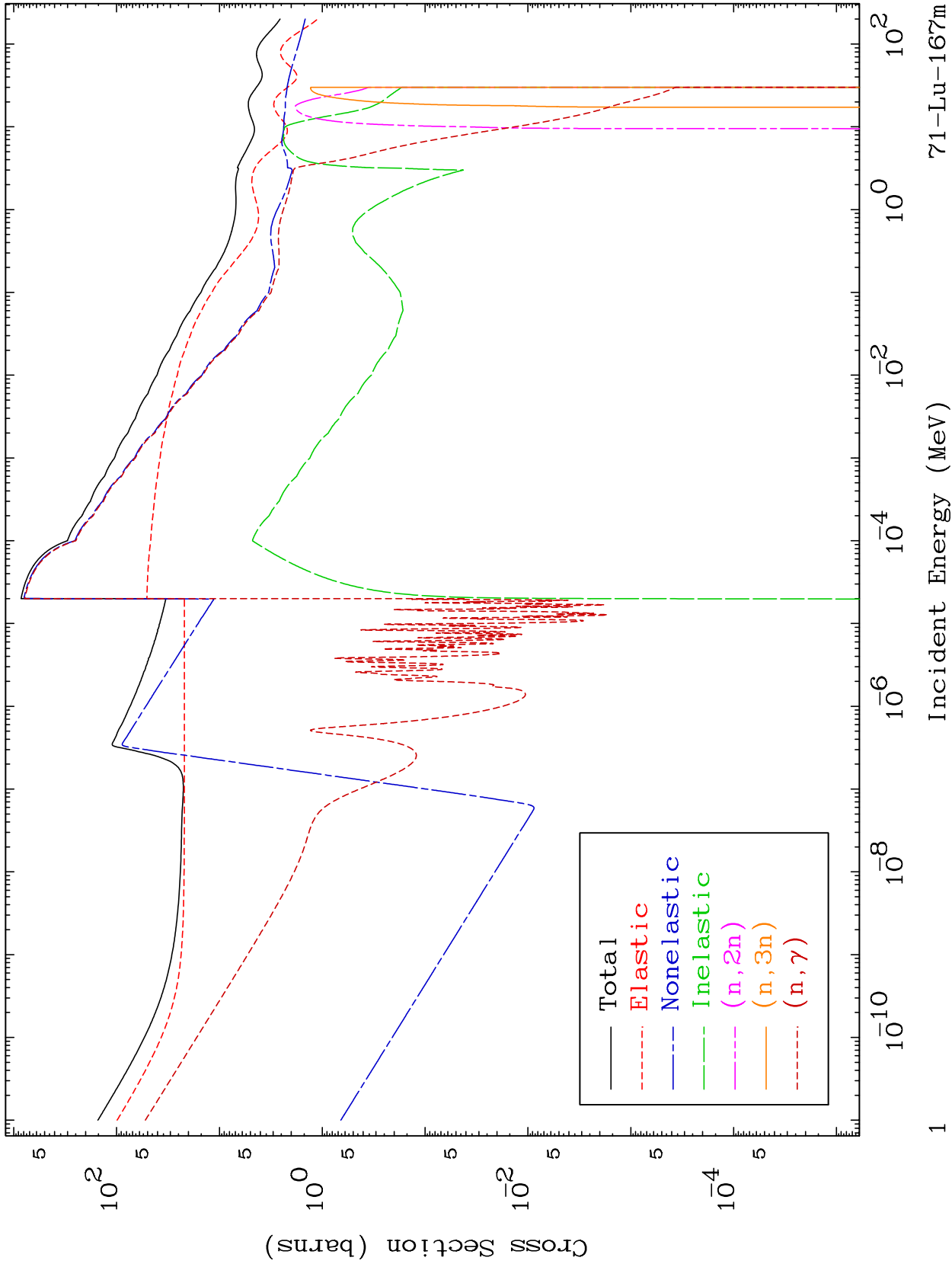
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7102

Neutron Major
293 Kelvin Cross Sections

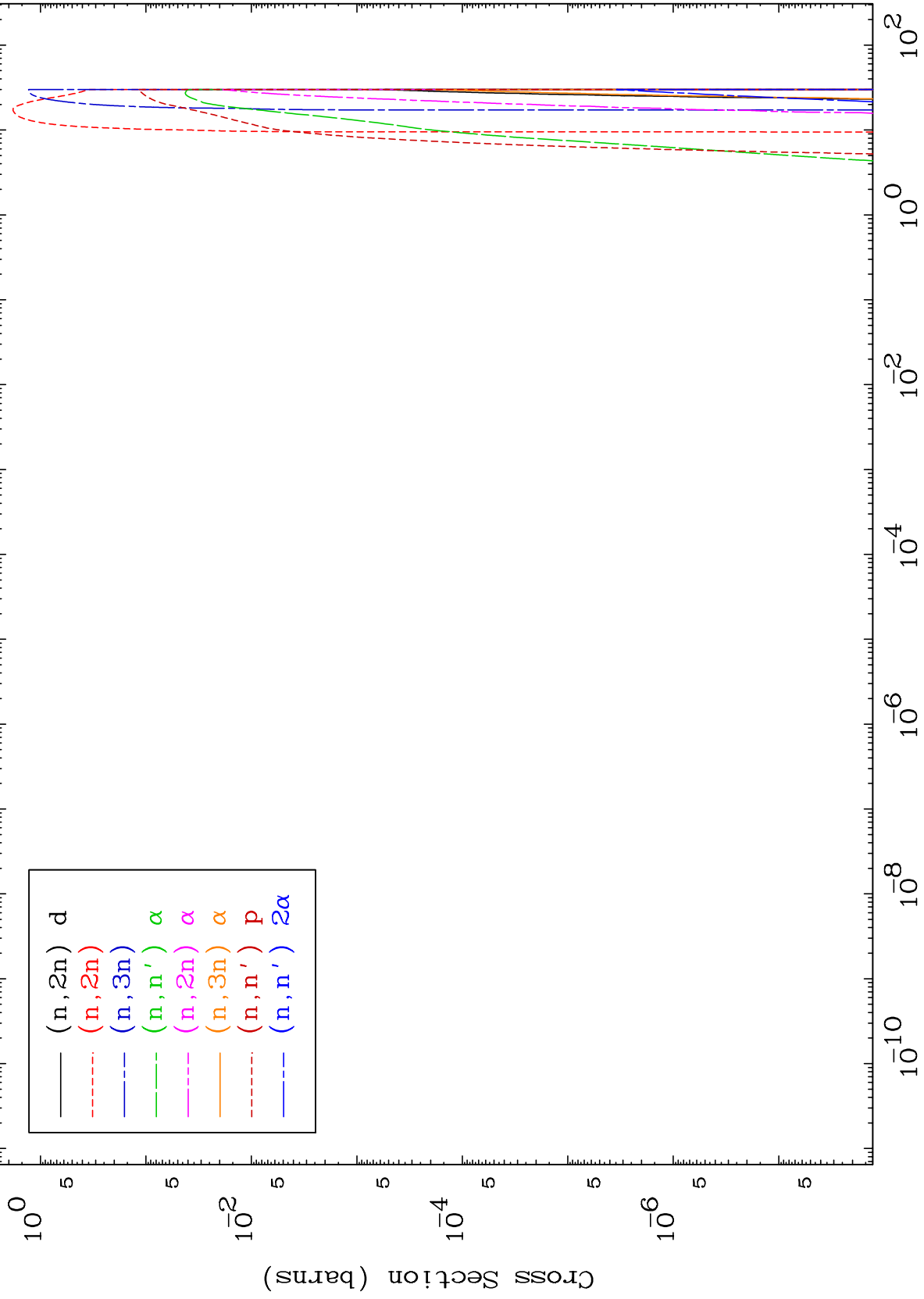
71-Lu-167m

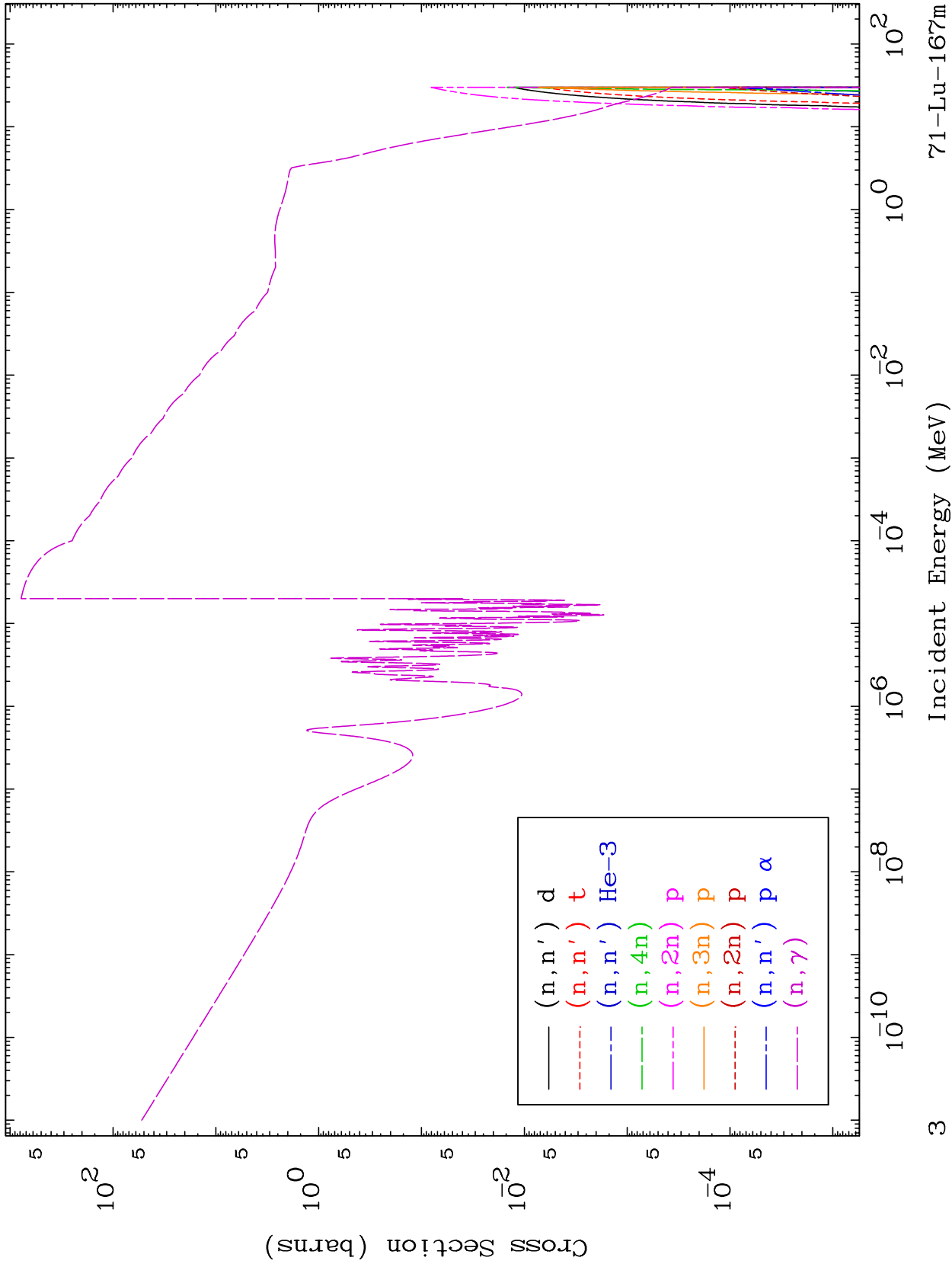


MAT 7102

Neutron Absorption
293 Kelvin Cross Sections

⁷¹Lu-167m

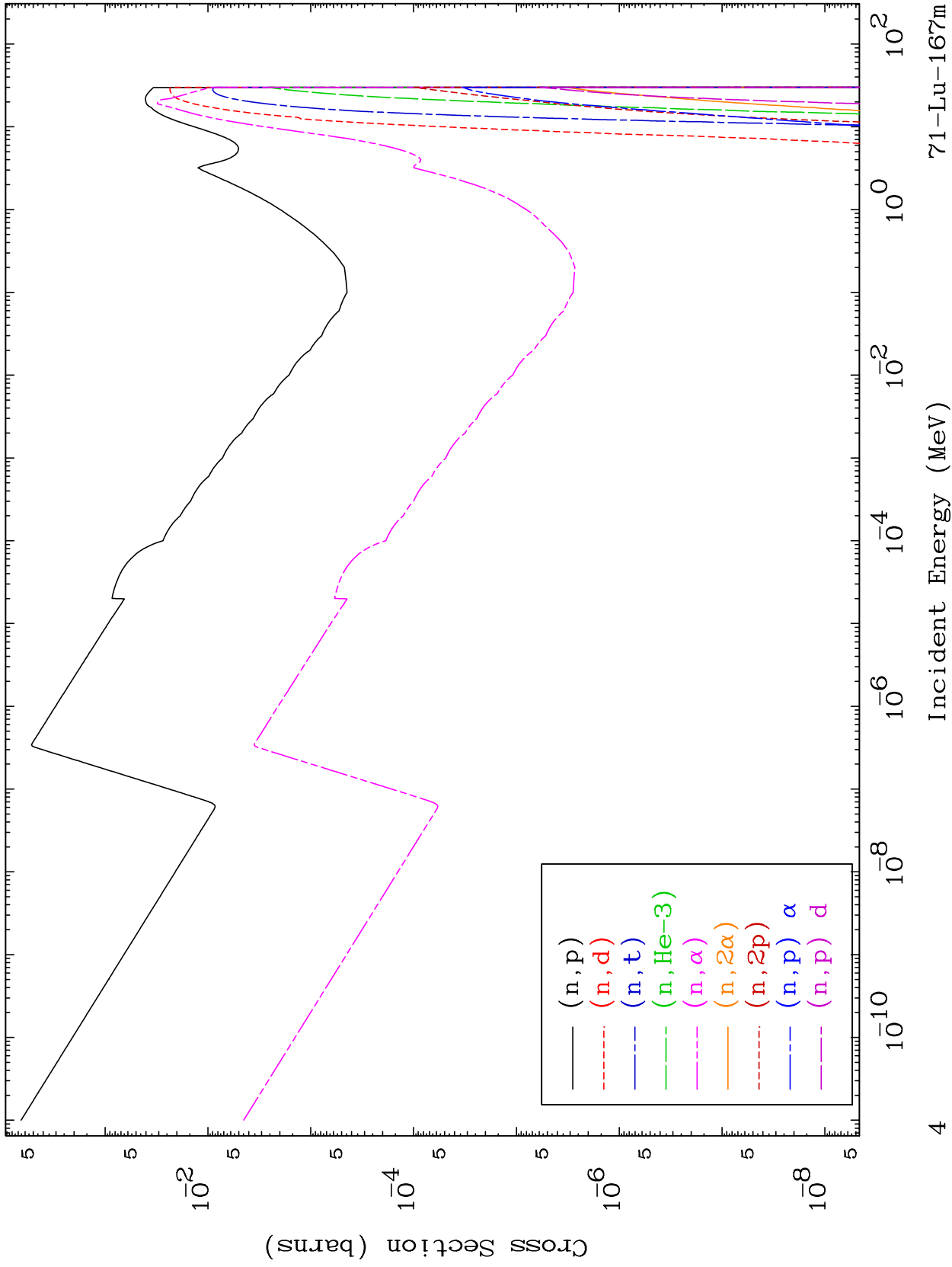


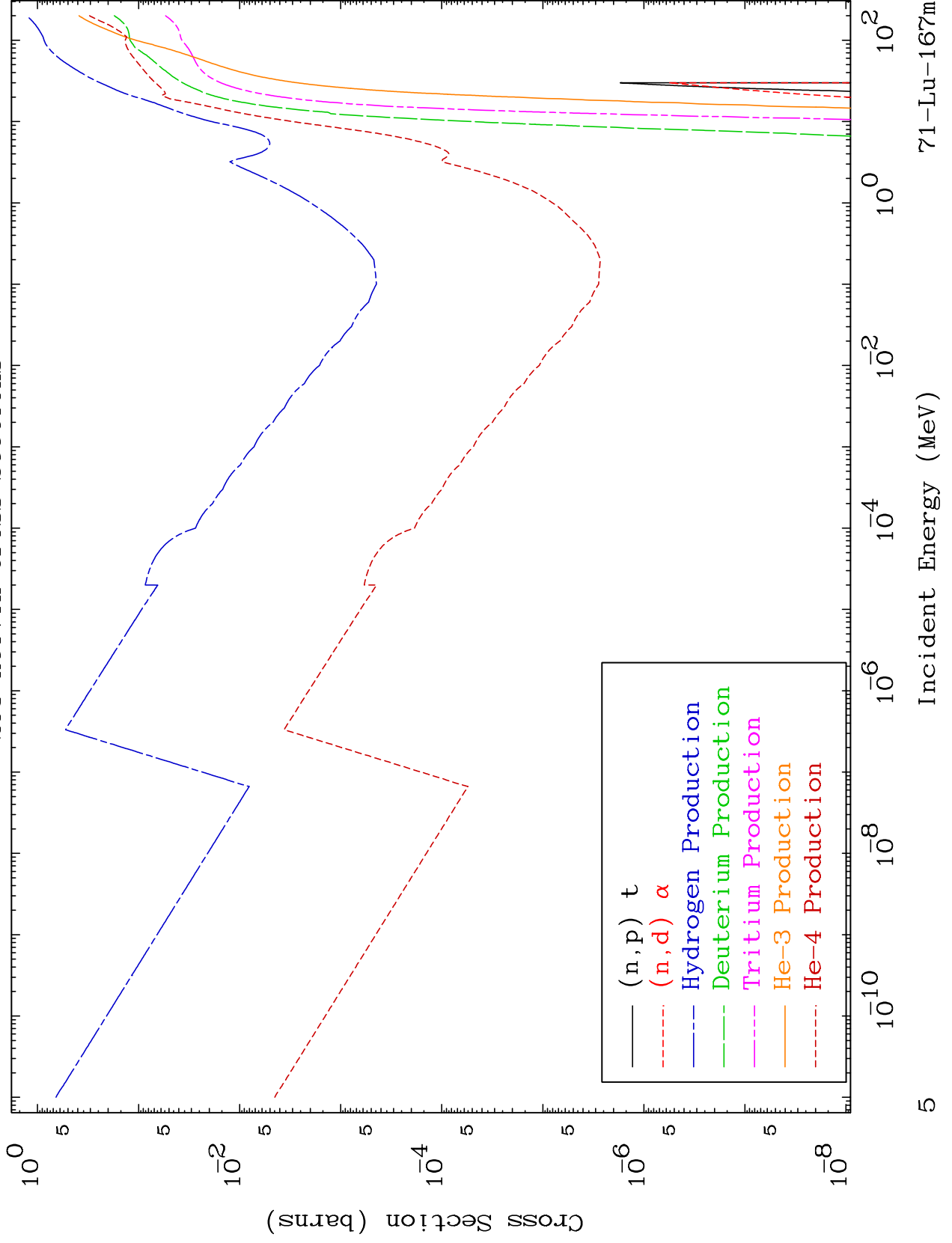


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Neutron Absorption
293 Kelvin Cross Sections

⁷¹Lu-167m

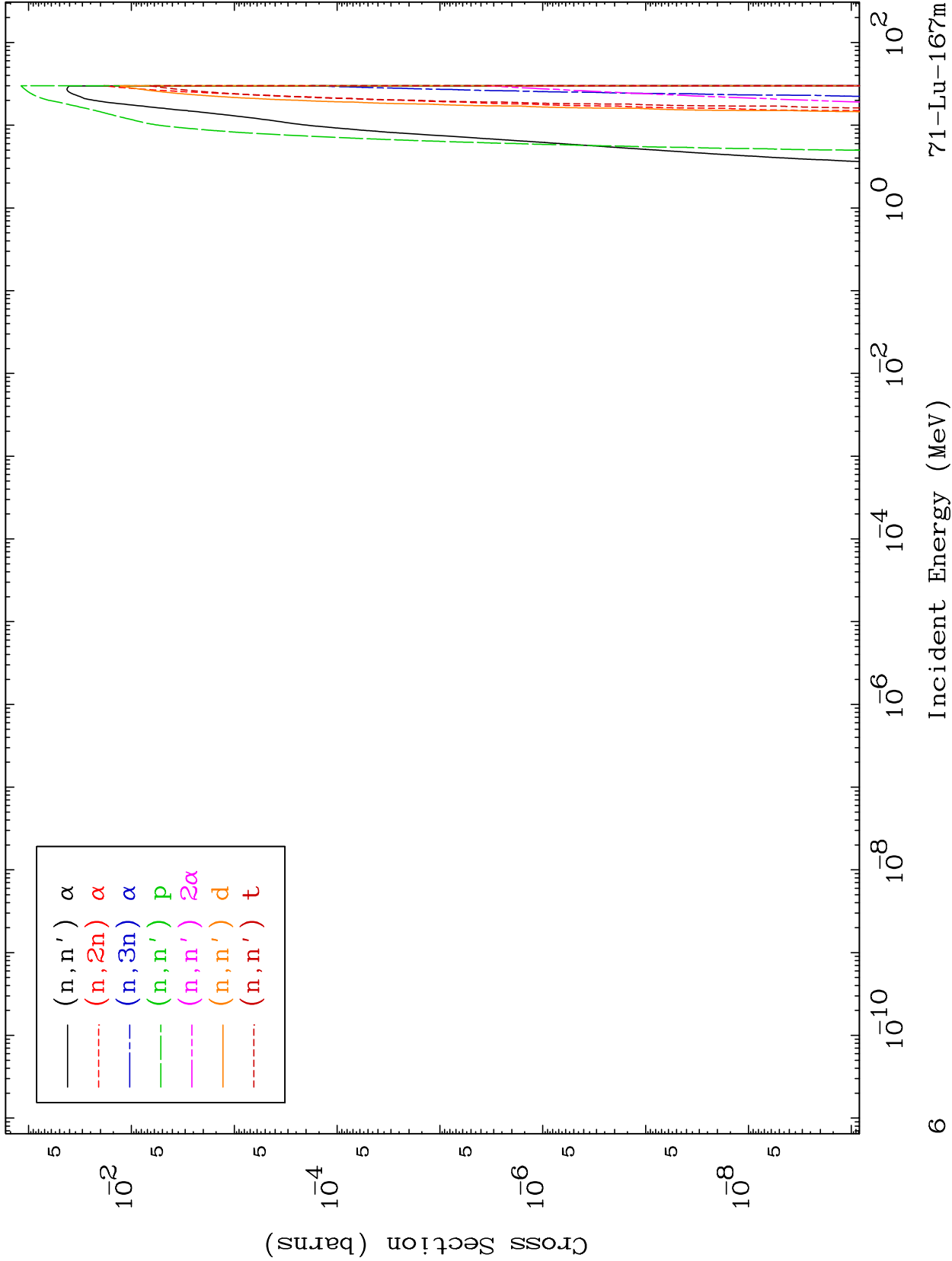




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Charged Particle
293 Kelvin Cross Sections

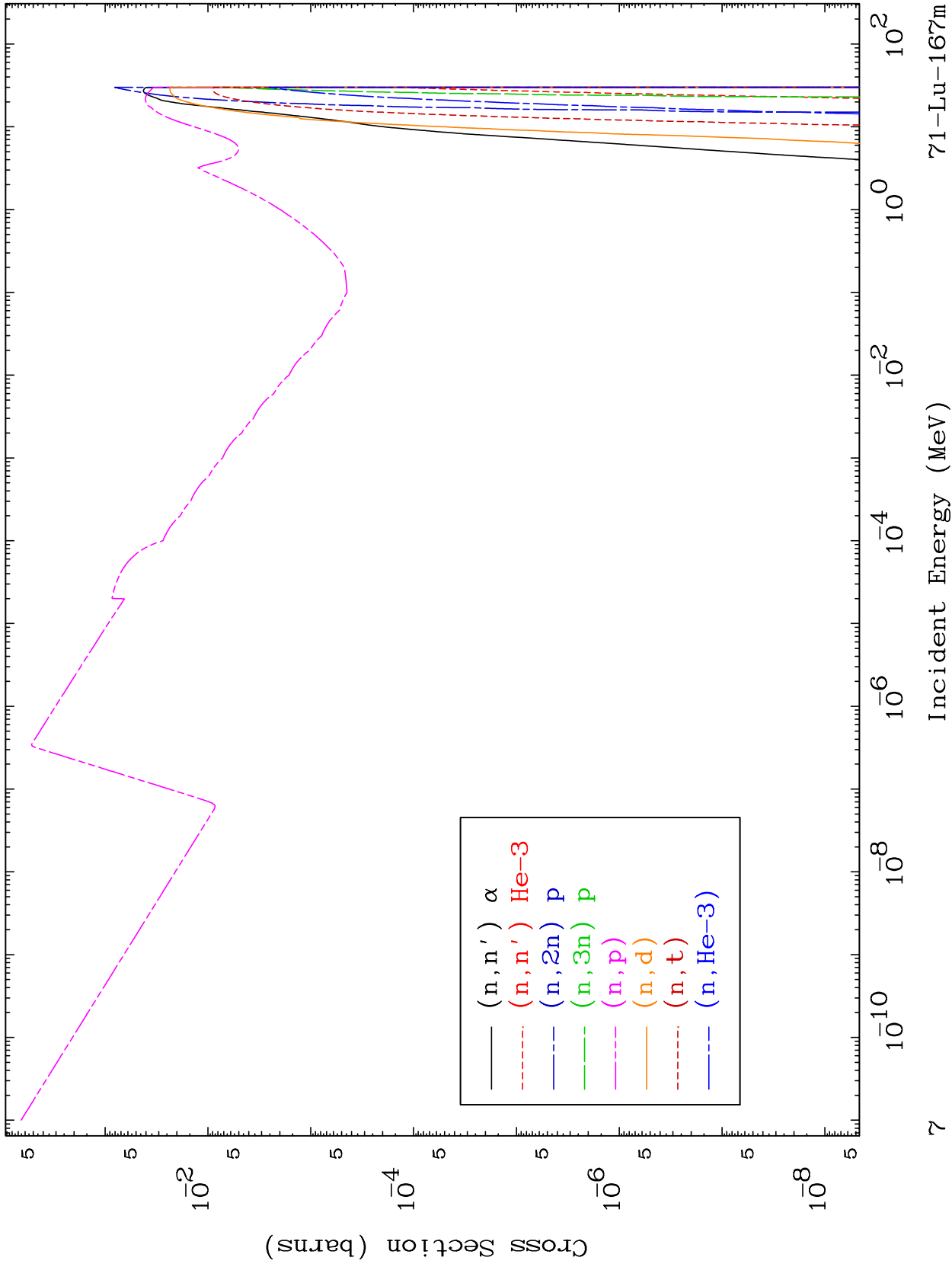
71-Lu-167m



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Charged Particle
293 Kelvin Cross Sections

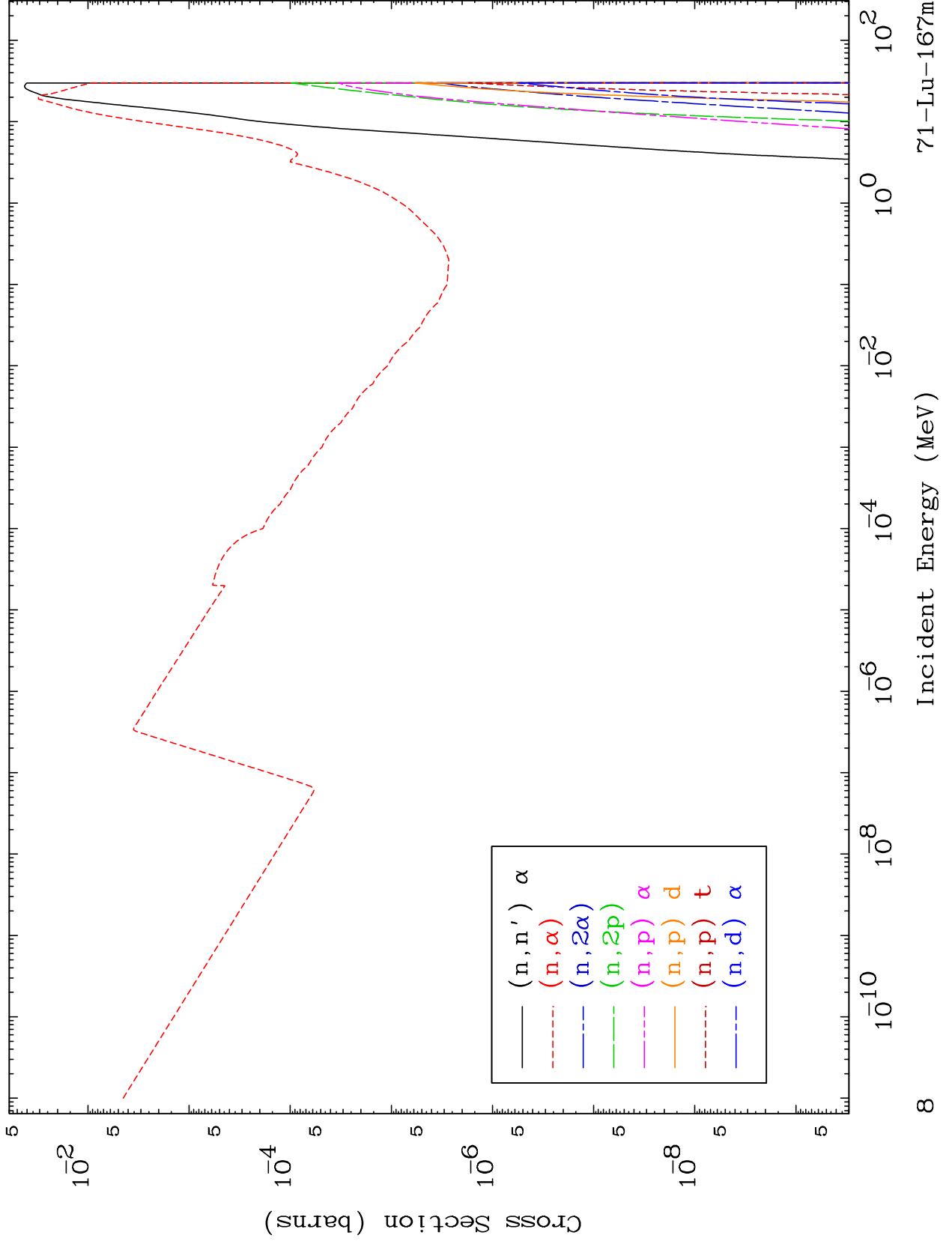
⁷¹Lu-167m



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Charged Particle
293 Kelvin Cross Sections

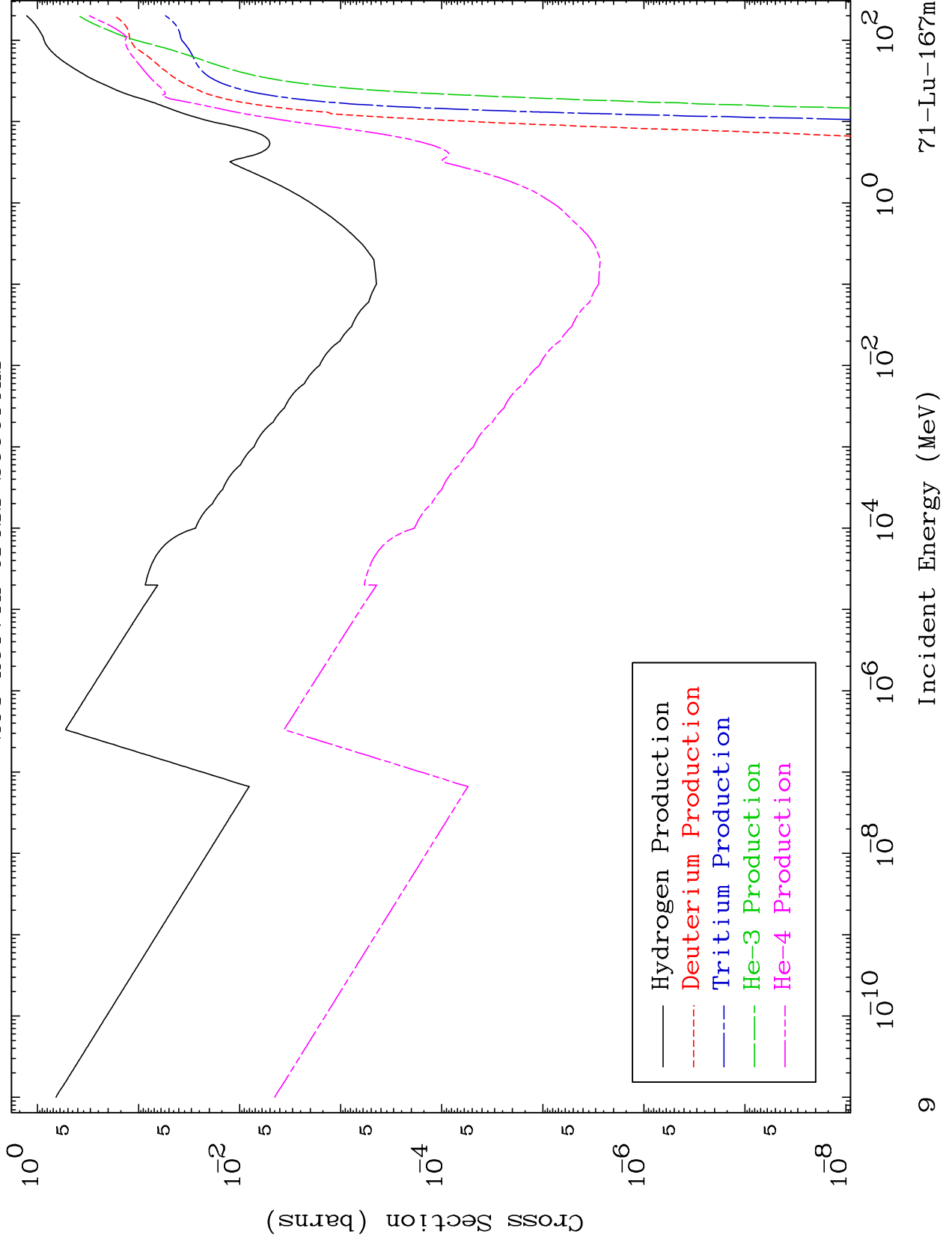
71-Lu-167m



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Particle Production
293 Kelvin Cross Sections

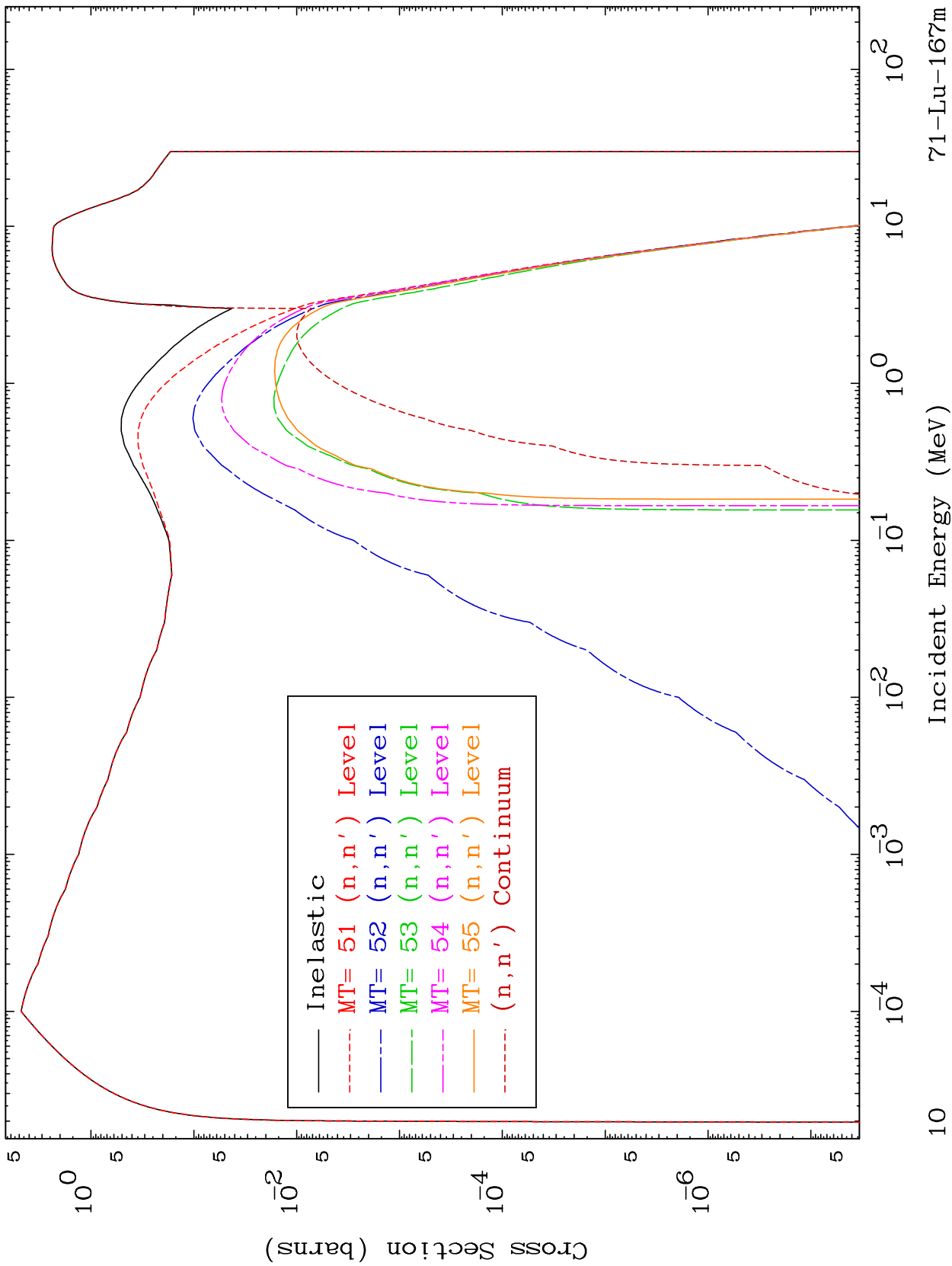
71-Lu-167m



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293 Kelvin Cross Sections
(n,n') Levels

71-Lu-167m



10

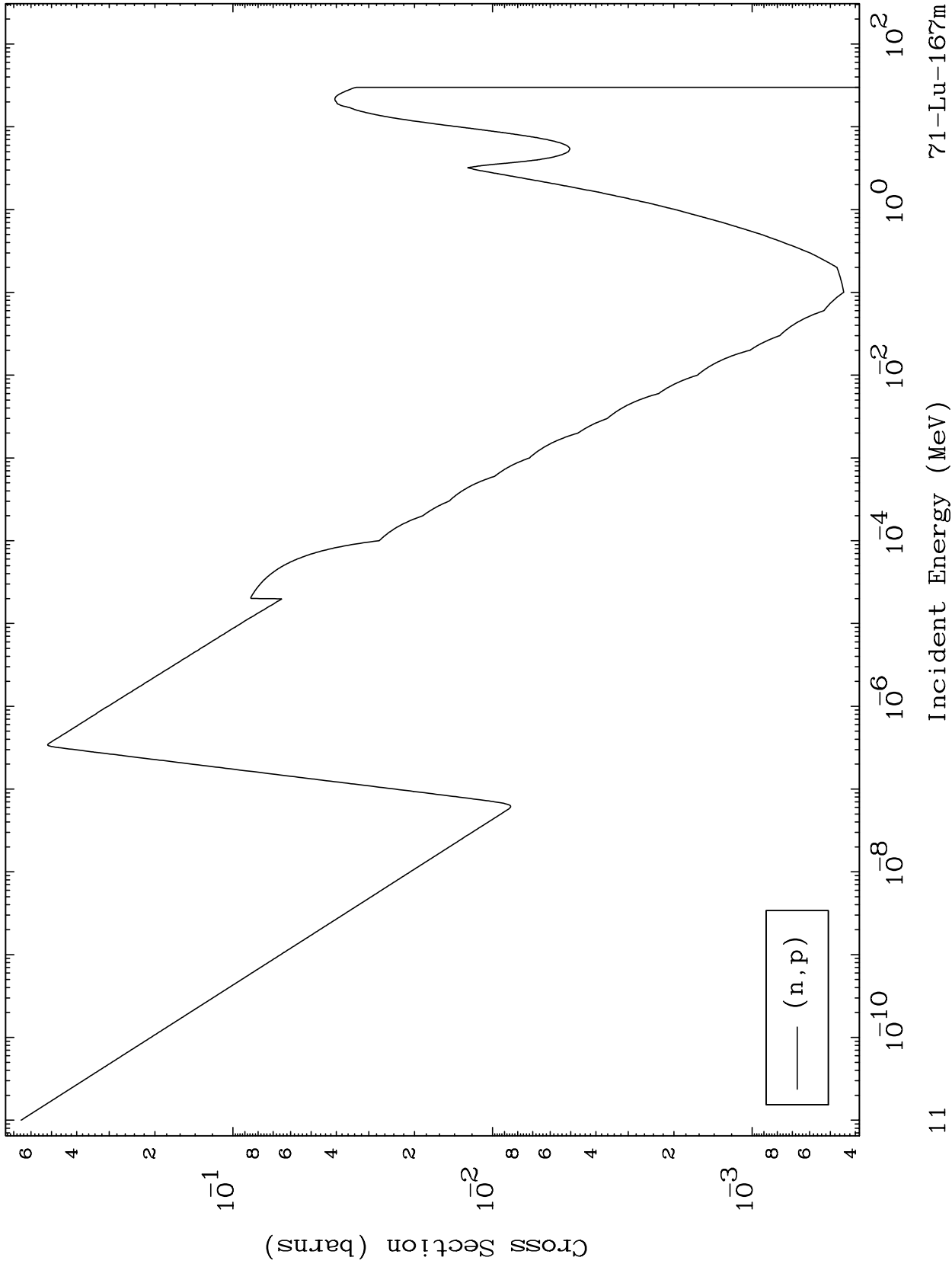
Incident Energy (MeV)

71-Lu-167m

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(n,p) Levels
293 Kelvin Cross Sections

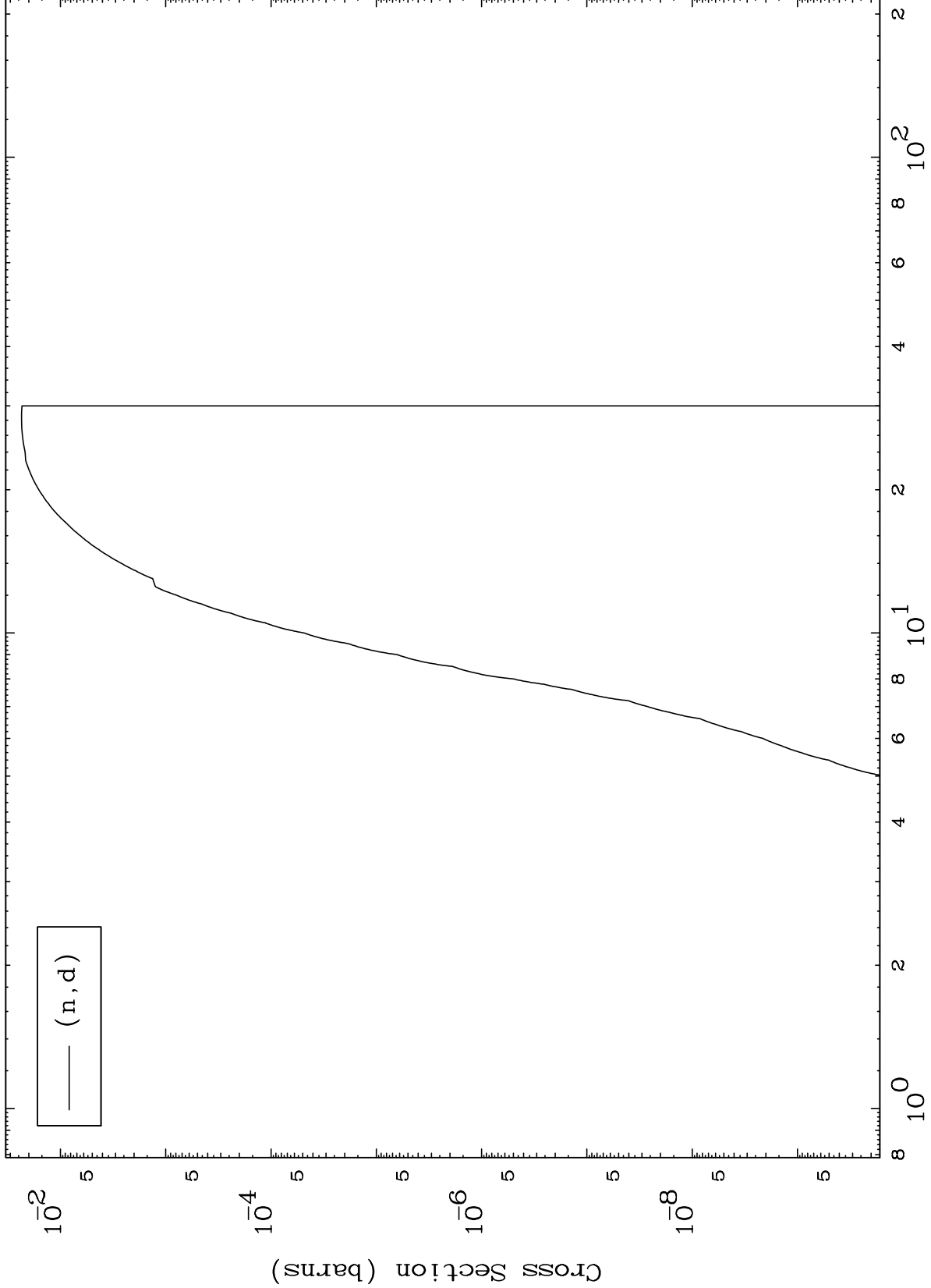
⁷¹Lu-167m



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(n,d) Levels
293 Kelvin Cross Sections

71-Lu-167m



12

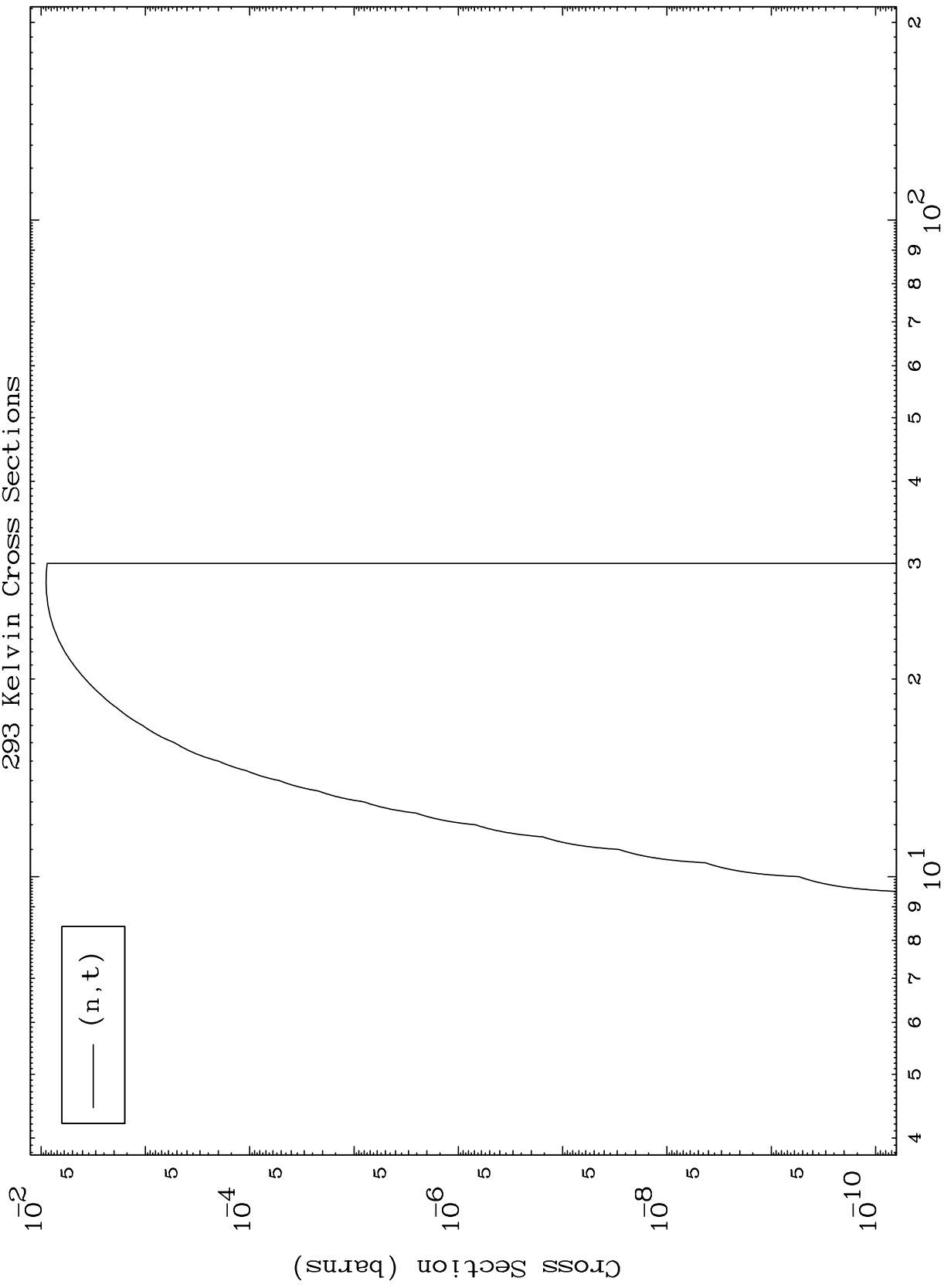
Incident Energy (MeV)

71-Lu-167m

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(n,t) Levels
293 Kelvin Cross Sections

71-Lu-167m



Incident Energy (MeV)

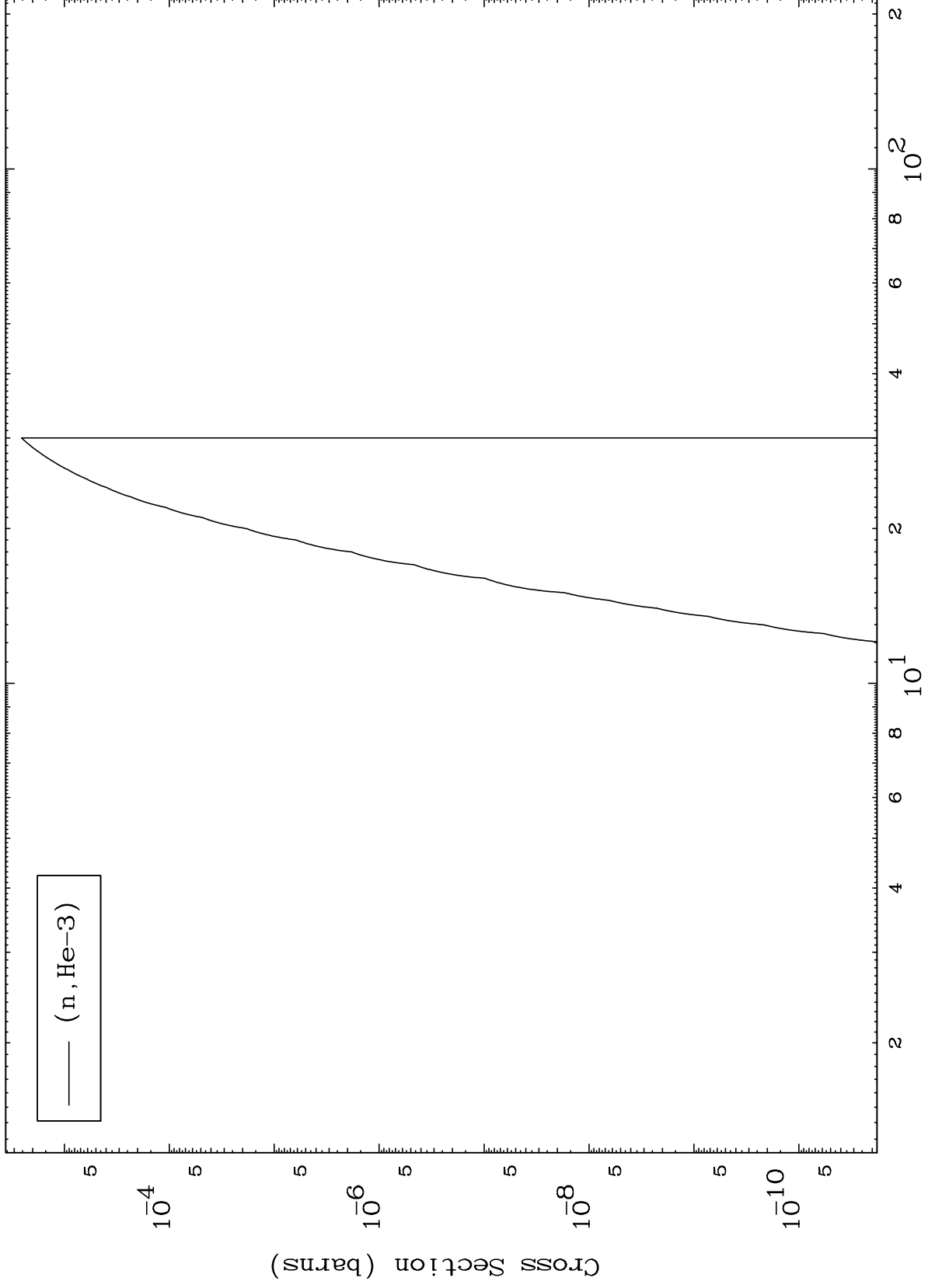
71-Lu-167m

13

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(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-167m



14

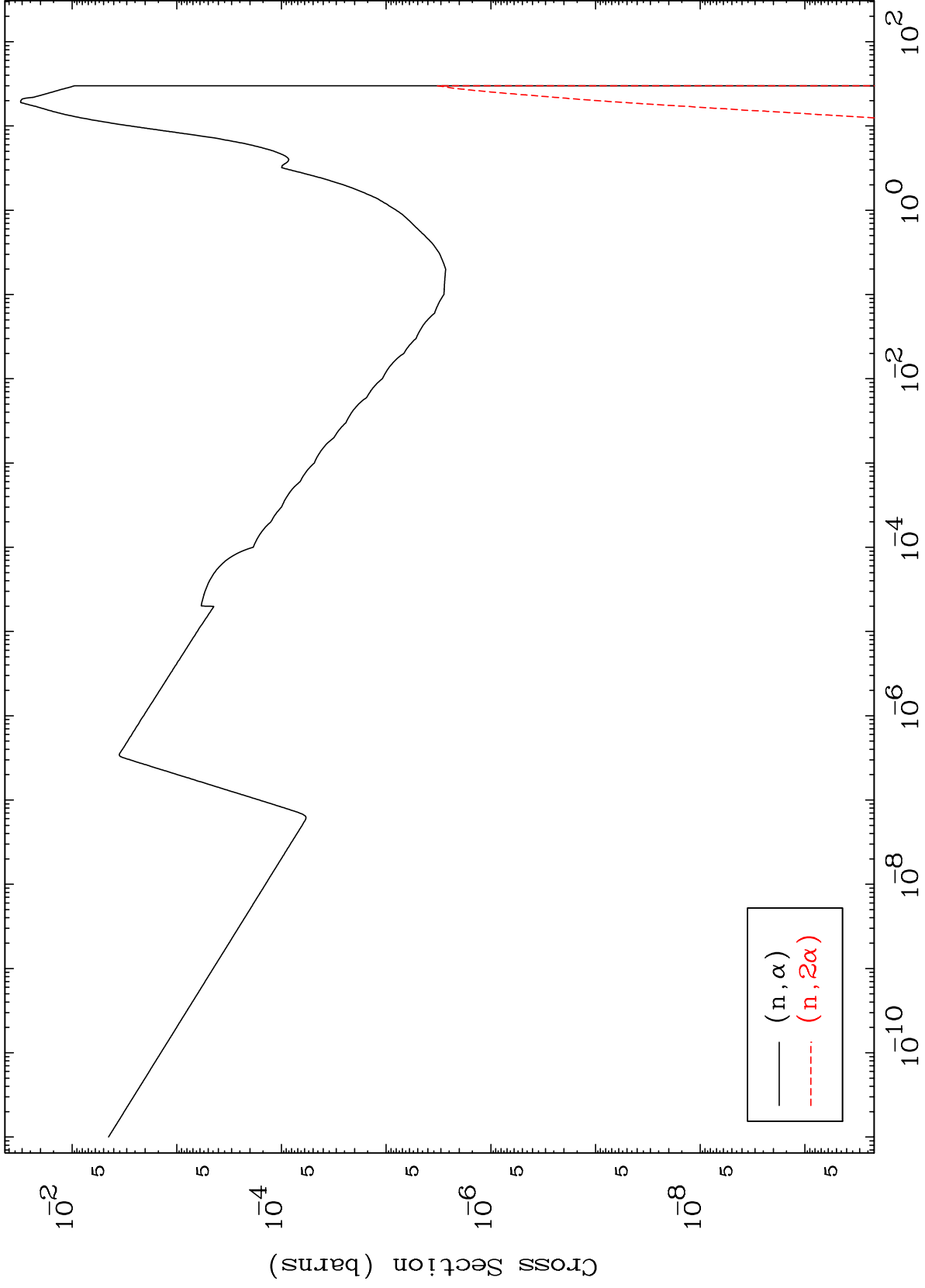
Incident Energy (MeV)

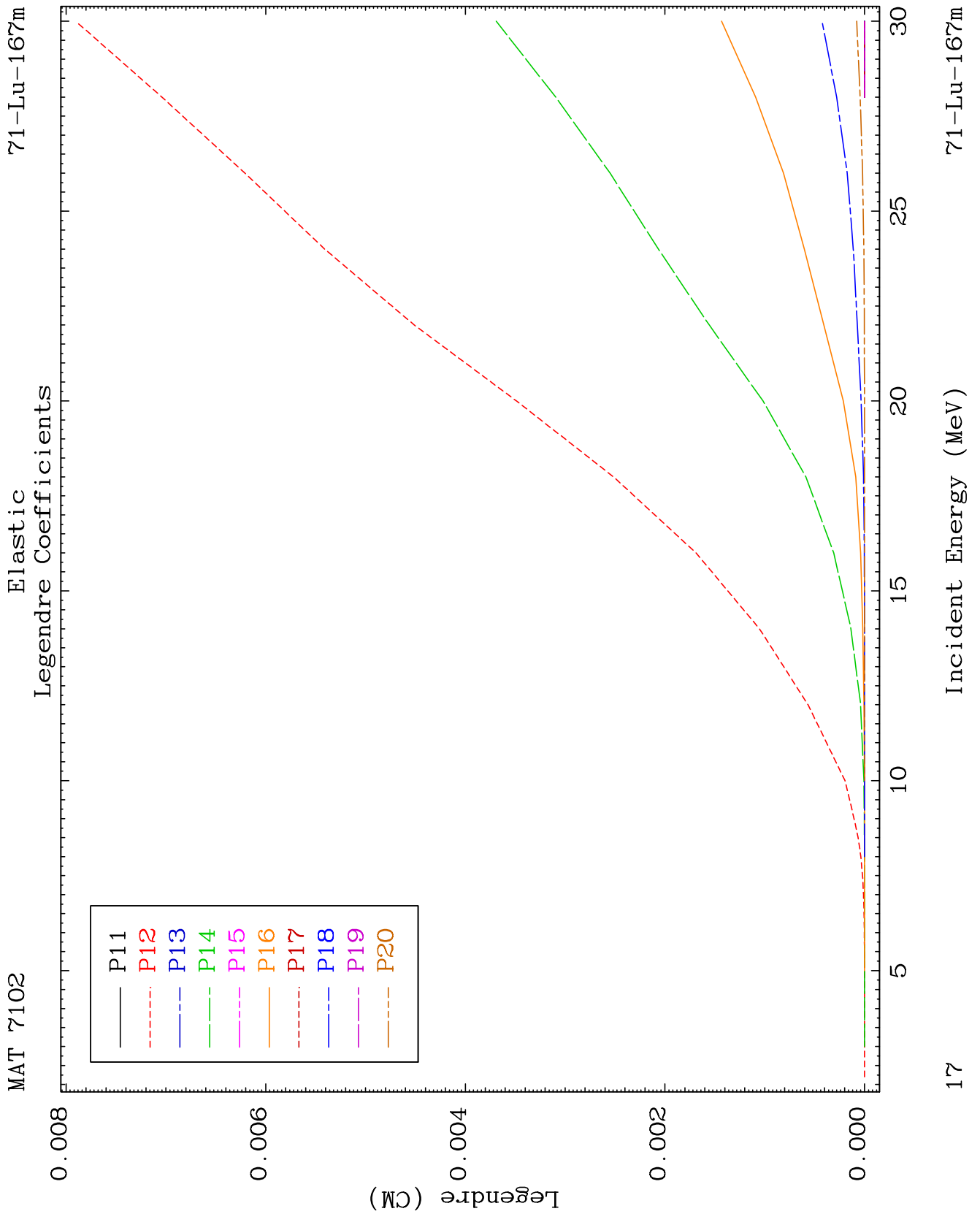
71-Lu-167m

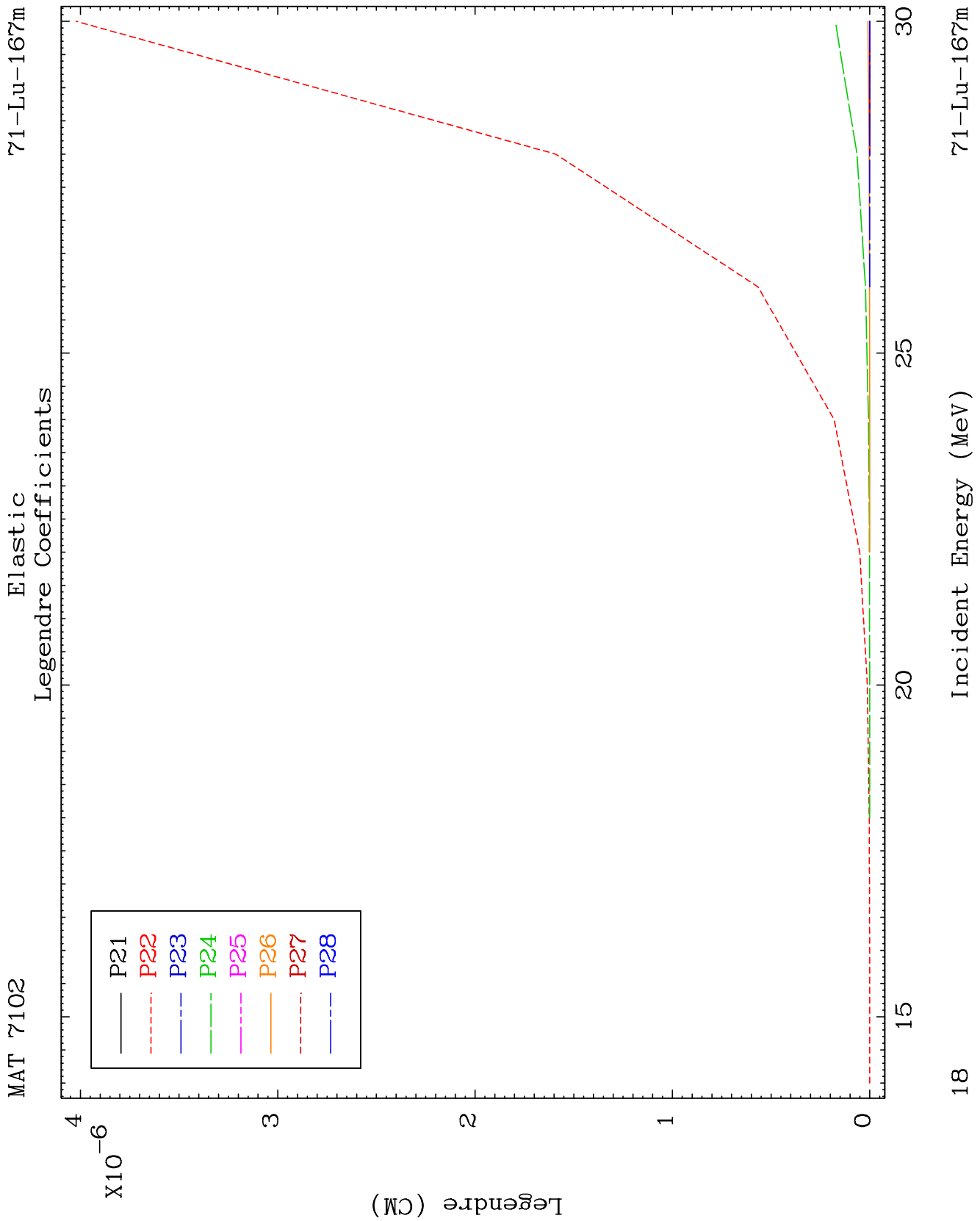
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(n, α) Levels
293 Kelvin Cross Sections

71-Lu-167m



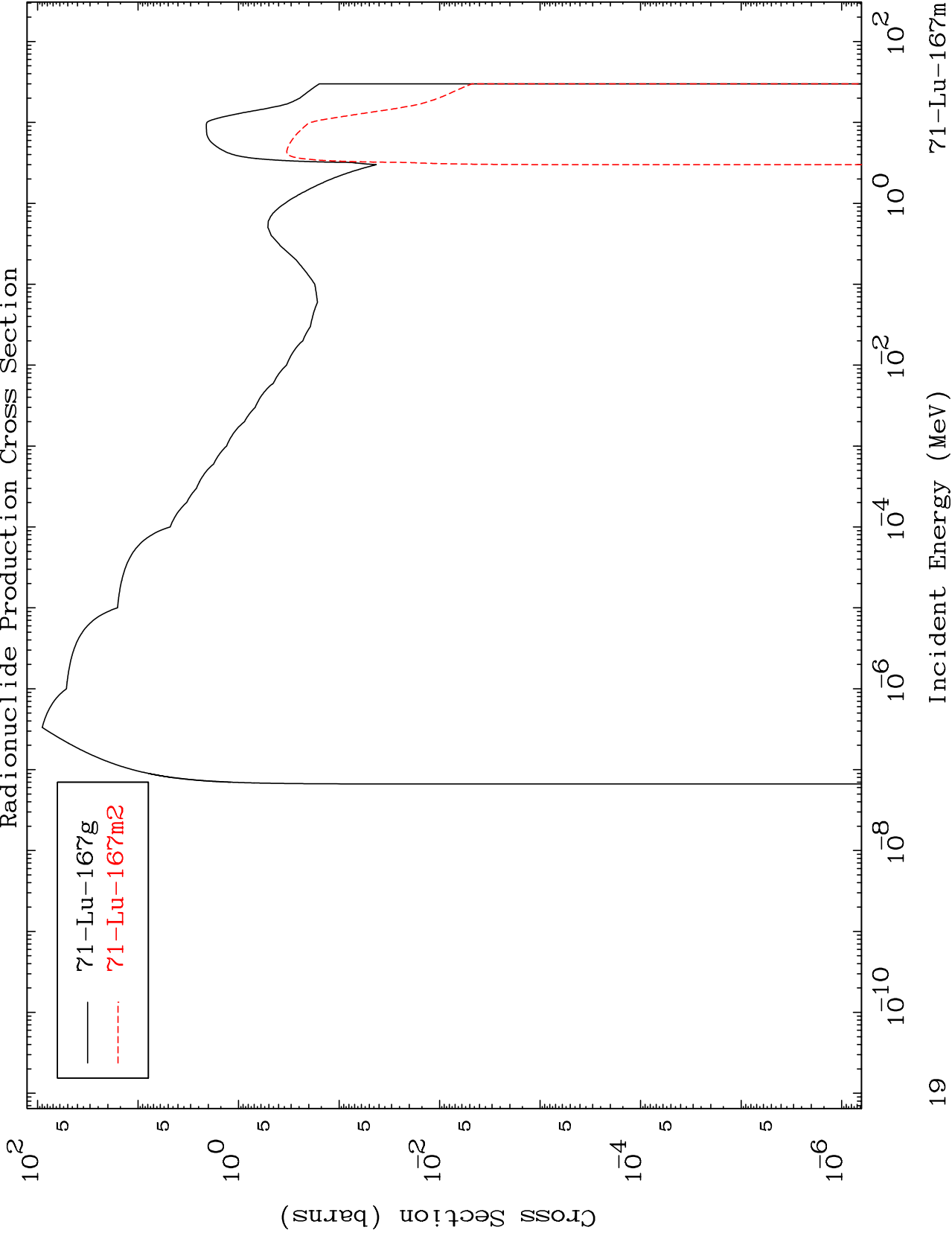




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Inelastic
Radionuclide Production Cross Section

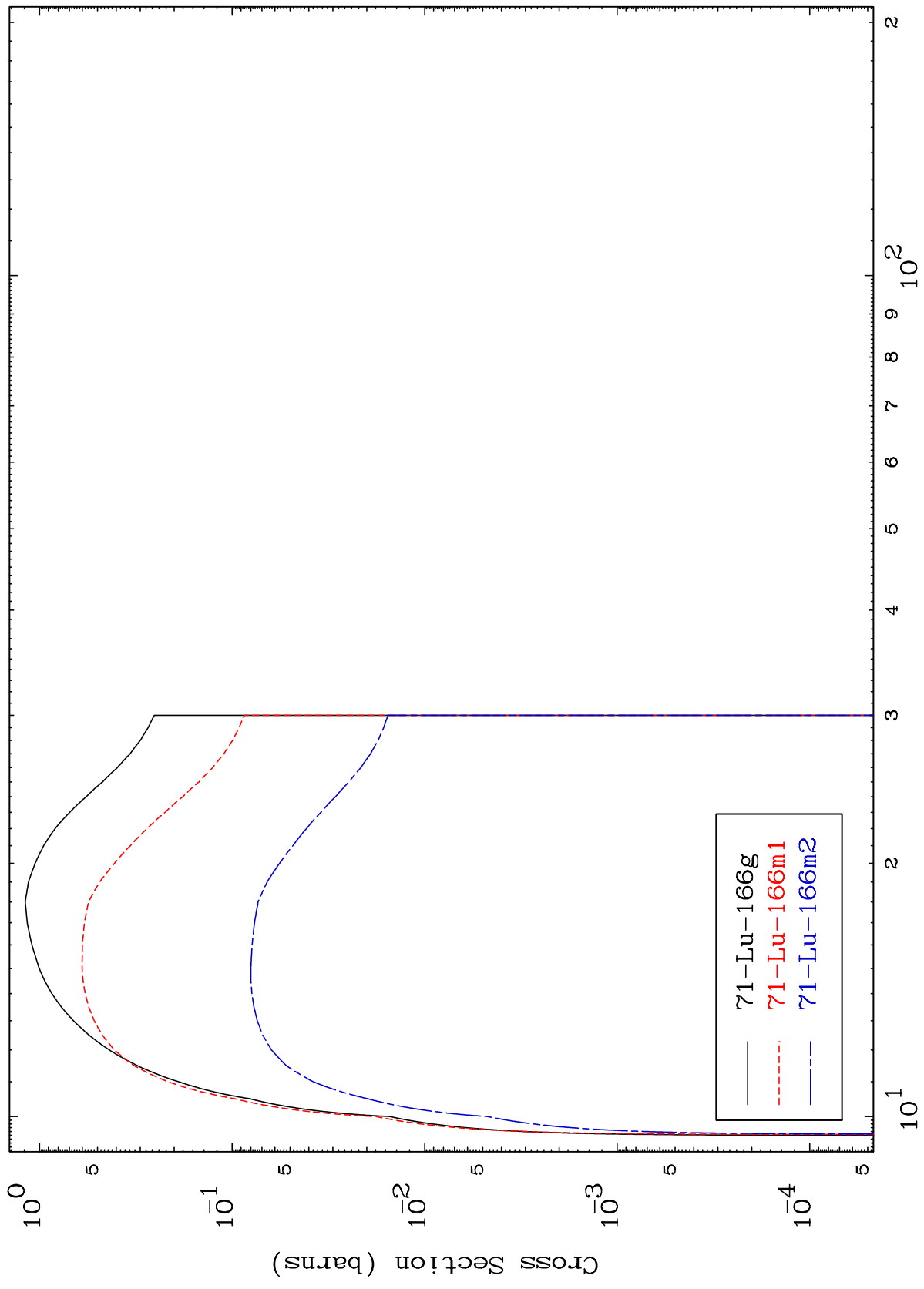
⁷¹Lu-167m



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71-Lu-167m

Radionuclide Production Cross Section
(n,2n)



71-Lu-166g
71-Lu-166m1
71-Lu-166m2

71-Lu-167m

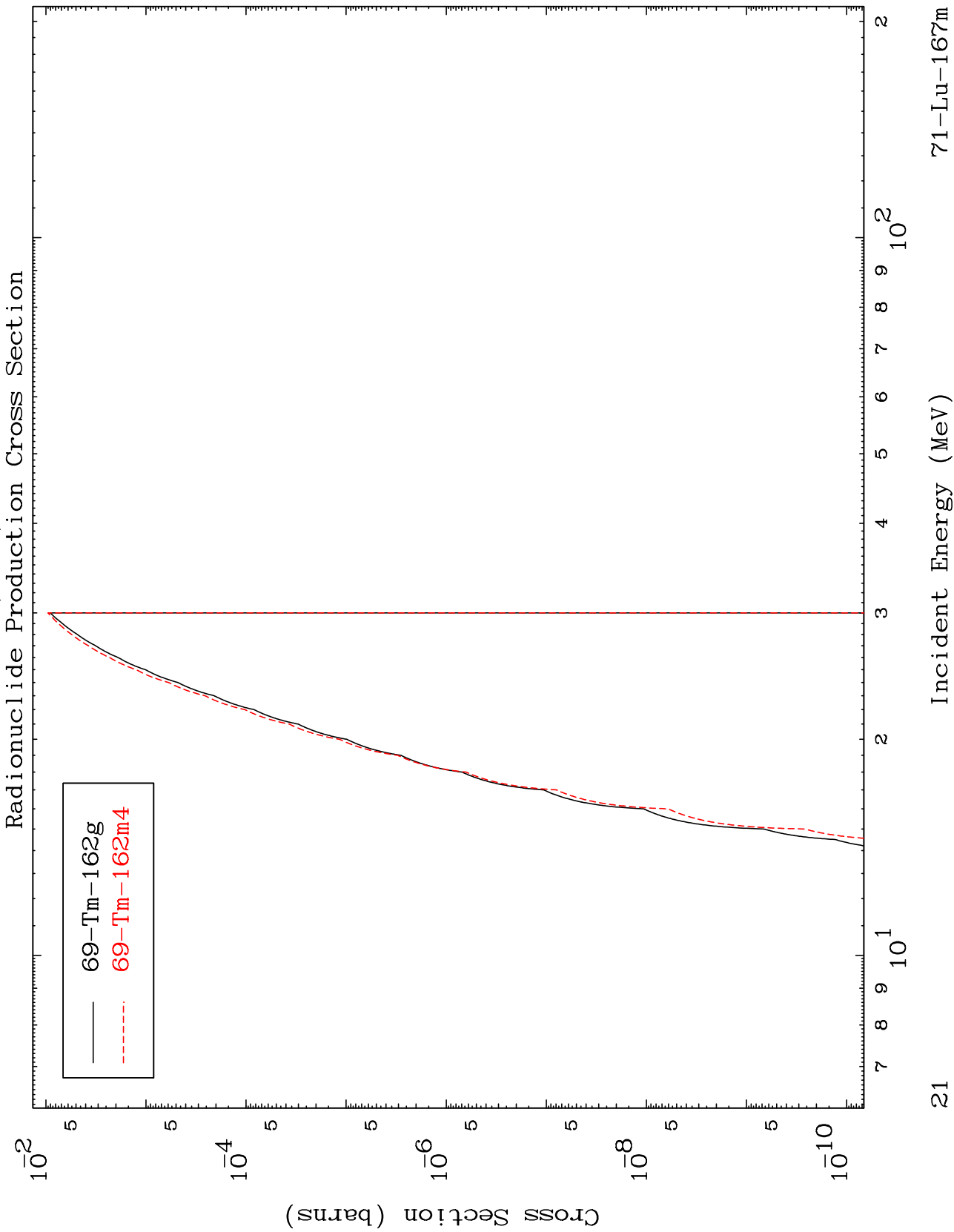
Incident Energy (MeV)

20

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(n,2n) α

⁷¹Lu-167m



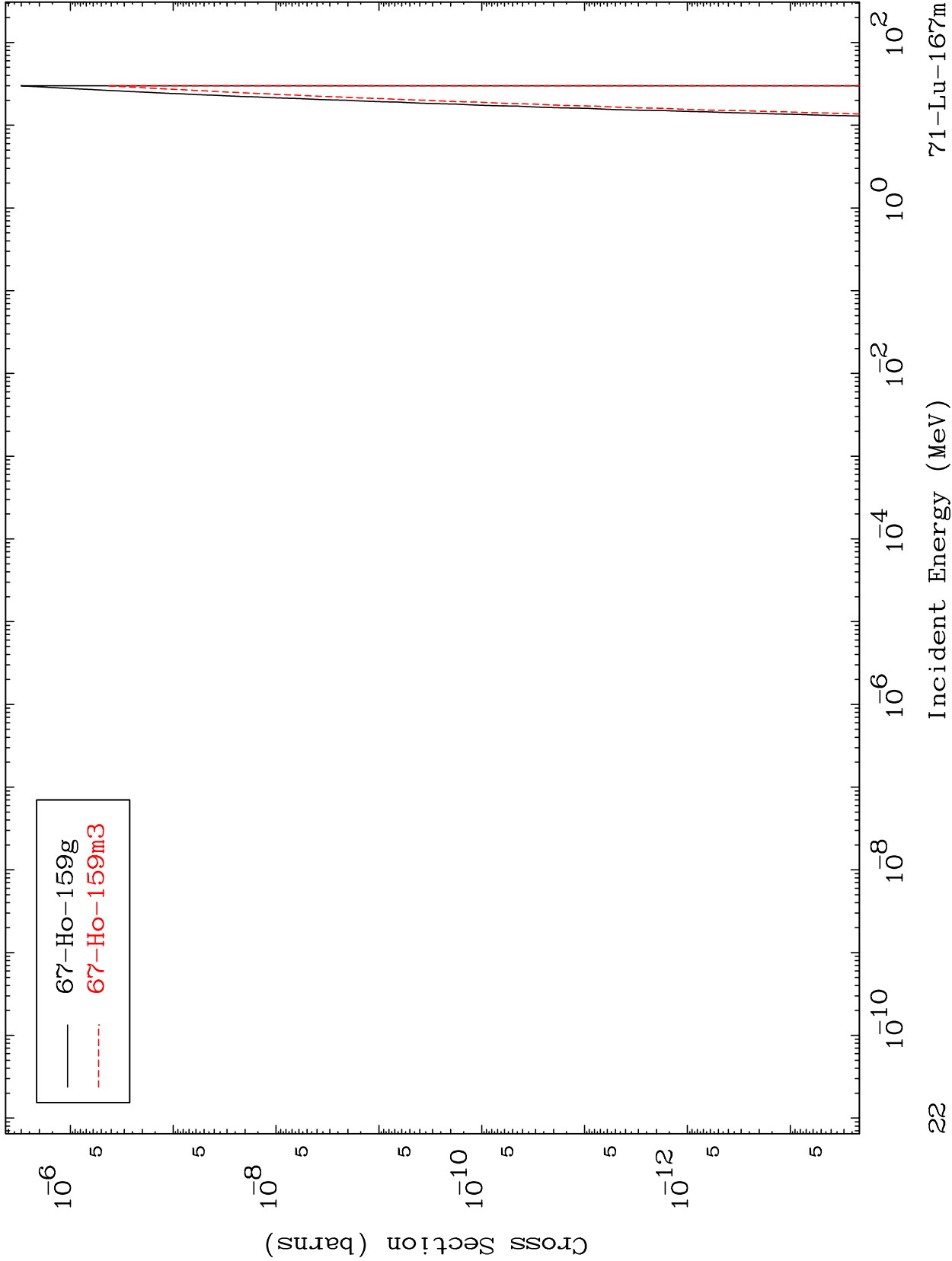
69-Tm-162g
69-Tm-162m4

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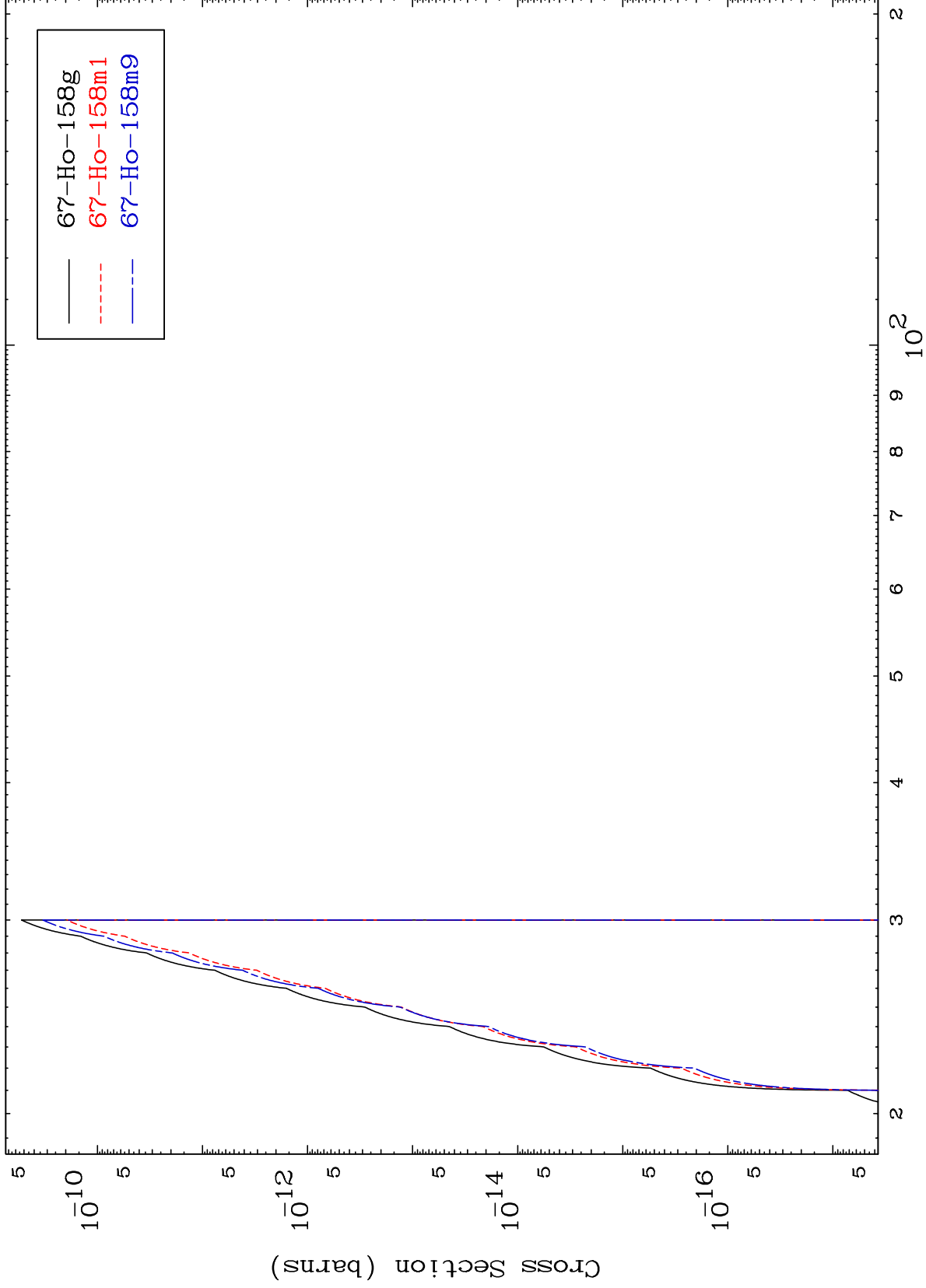
(n,n') 2α

71-Lu-167m

Radionuclide Production Cross Section



Radionuclide Production Cross Section

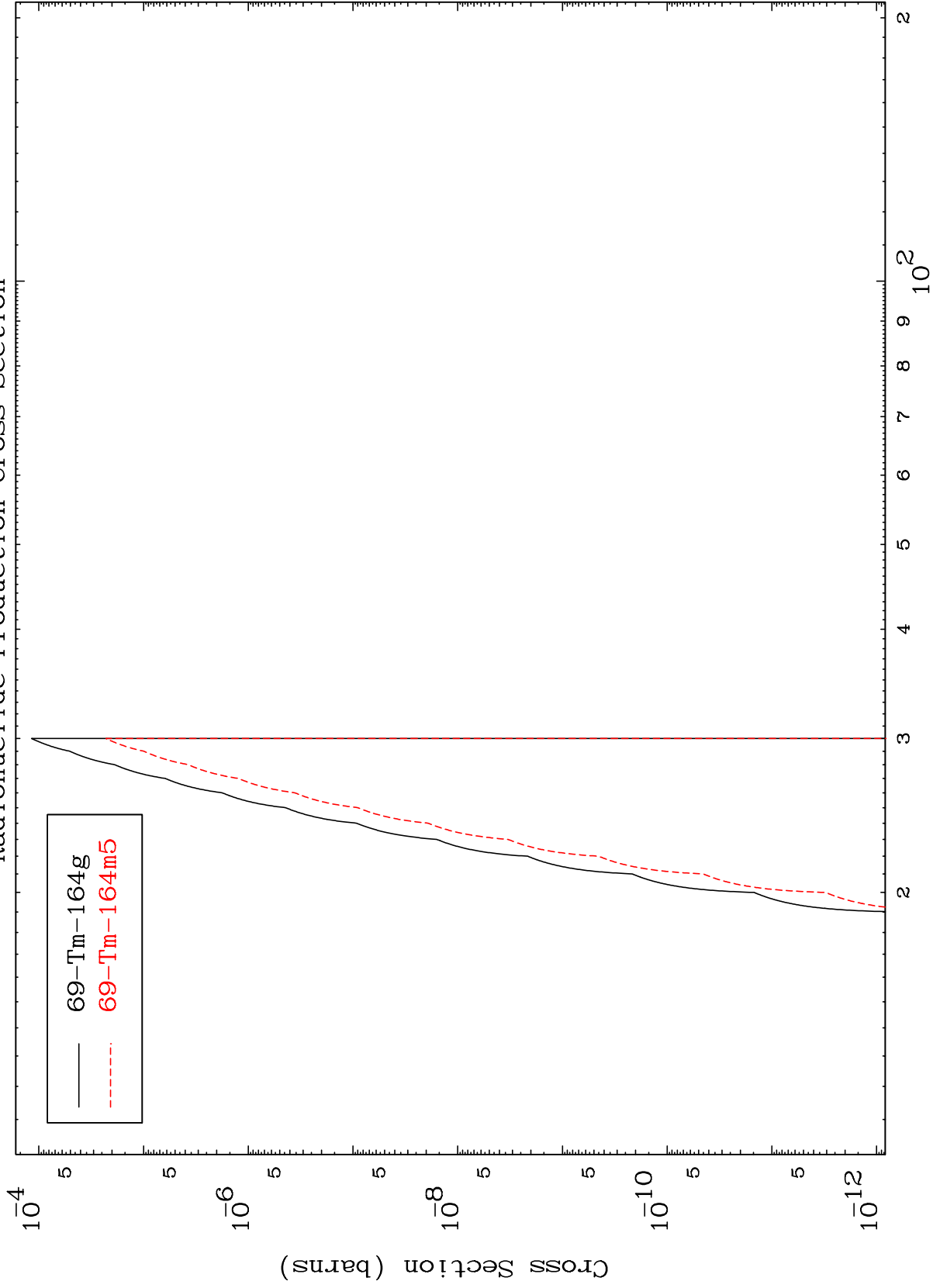


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(n,n') He-3

71-Lu-167m

Radionuclide Production Cross Section



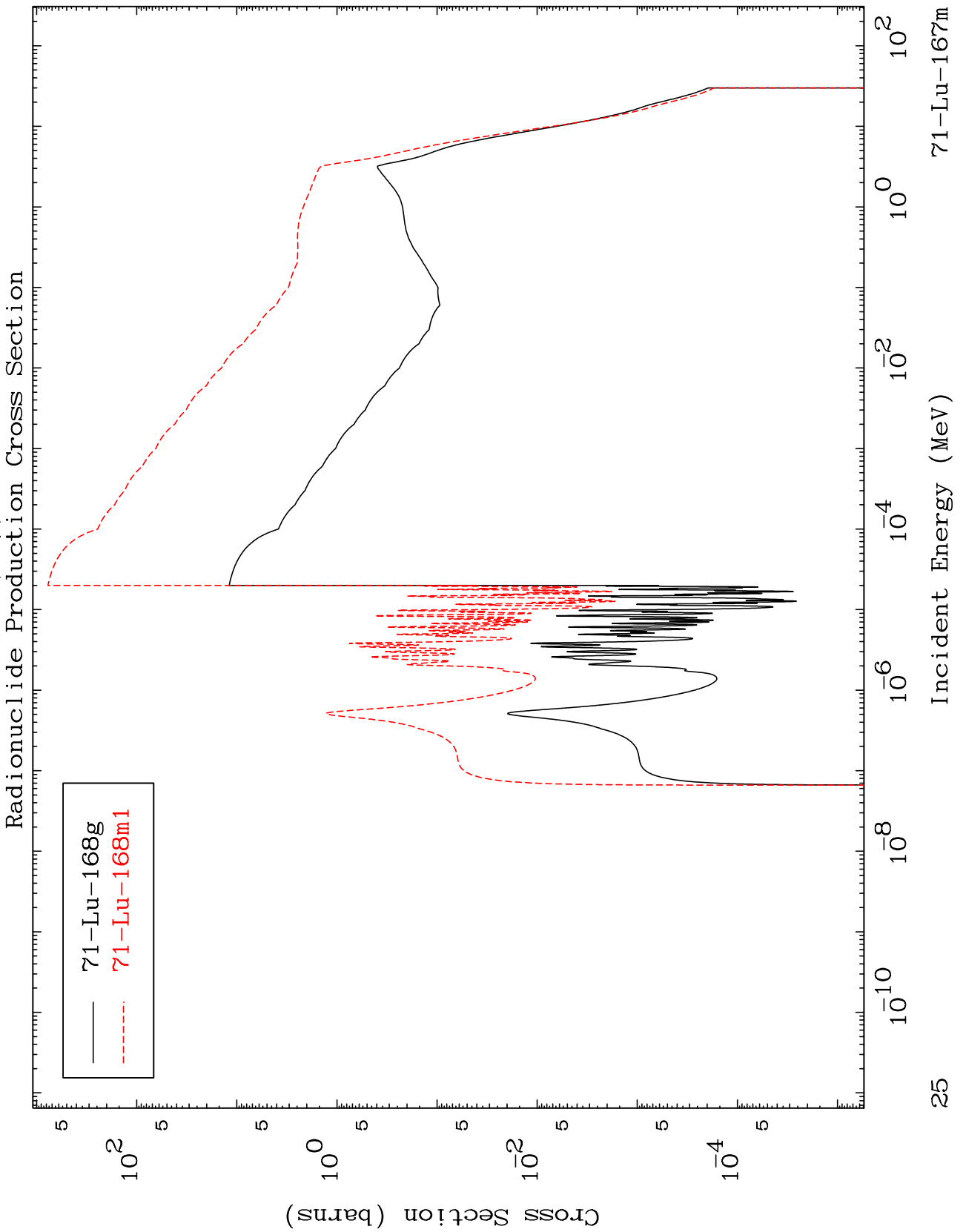
24

Incident Energy (MeV)

71-Lu-167m

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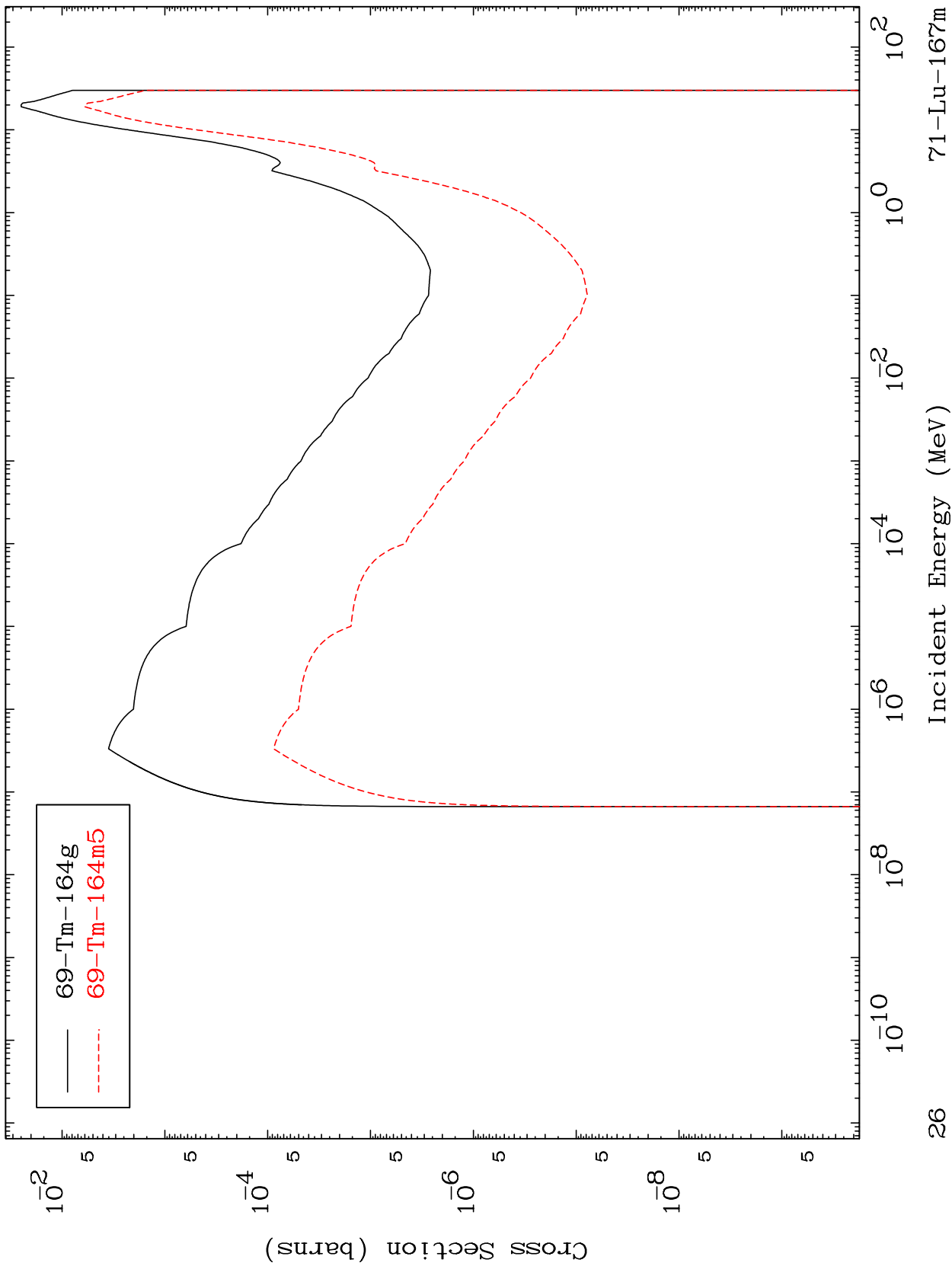
$^{71}\text{Lu-167m}$



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71-Lu-167m

Radionuclide Production Cross Section (n, α)

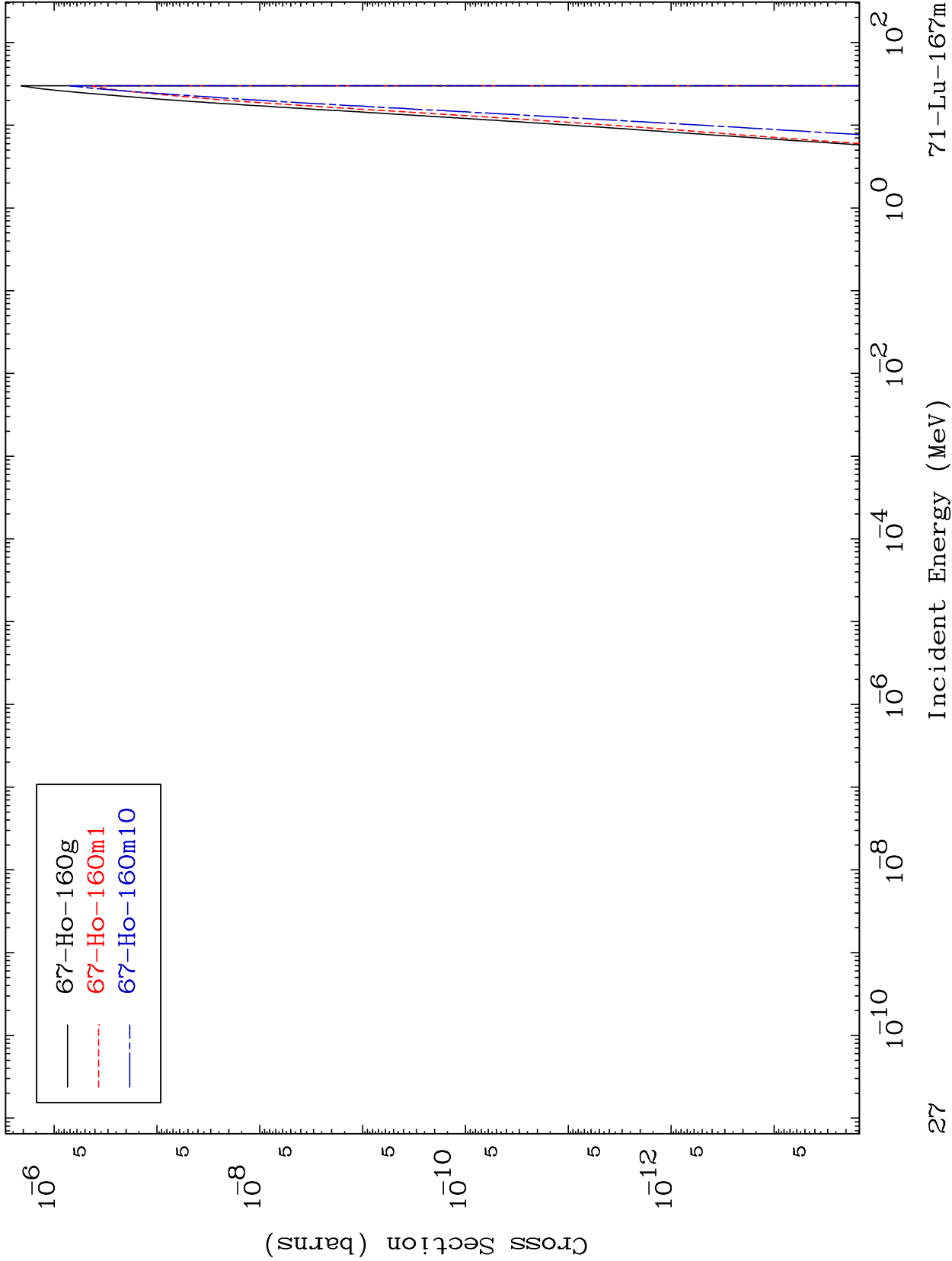


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(n,2α)

⁷¹Lu-167m

Radionuclide Production Cross Section

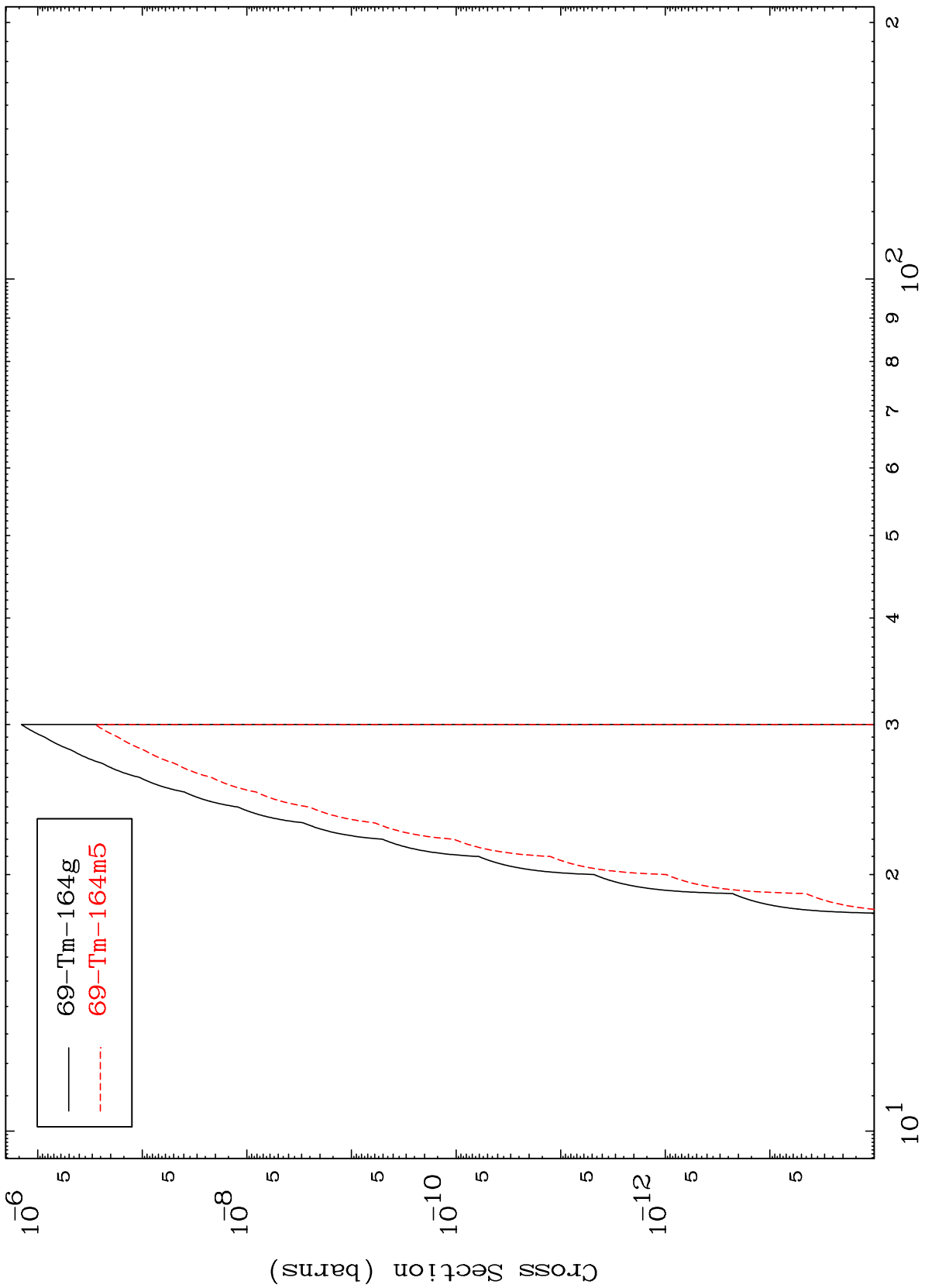


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(n,p) t

71-Lu-167m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

71-Lu-167m