

Program EVALPLOT
(Version 2021-1)

by

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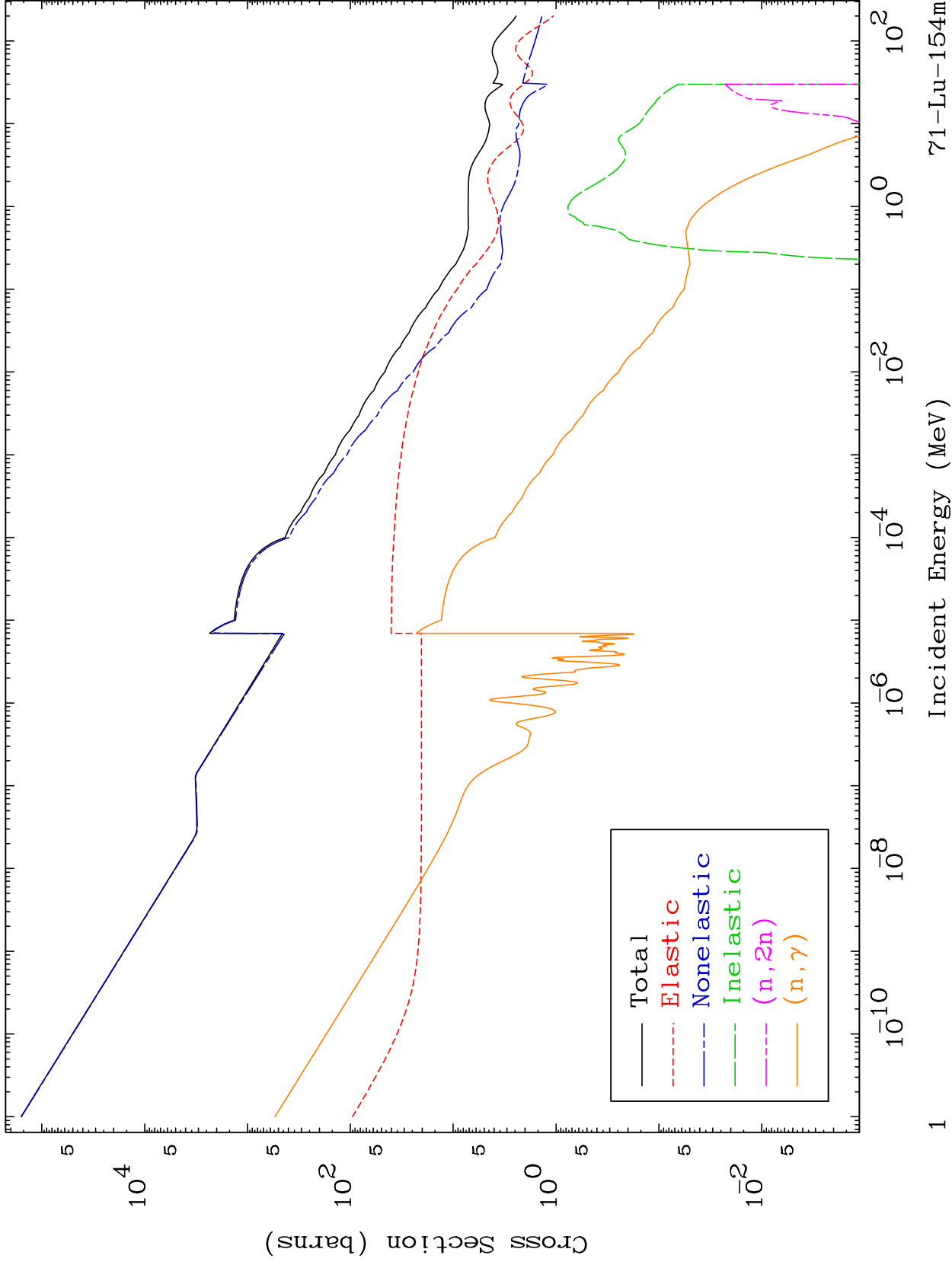
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7063

Neutron Major
293 Kelvin Cross Sections

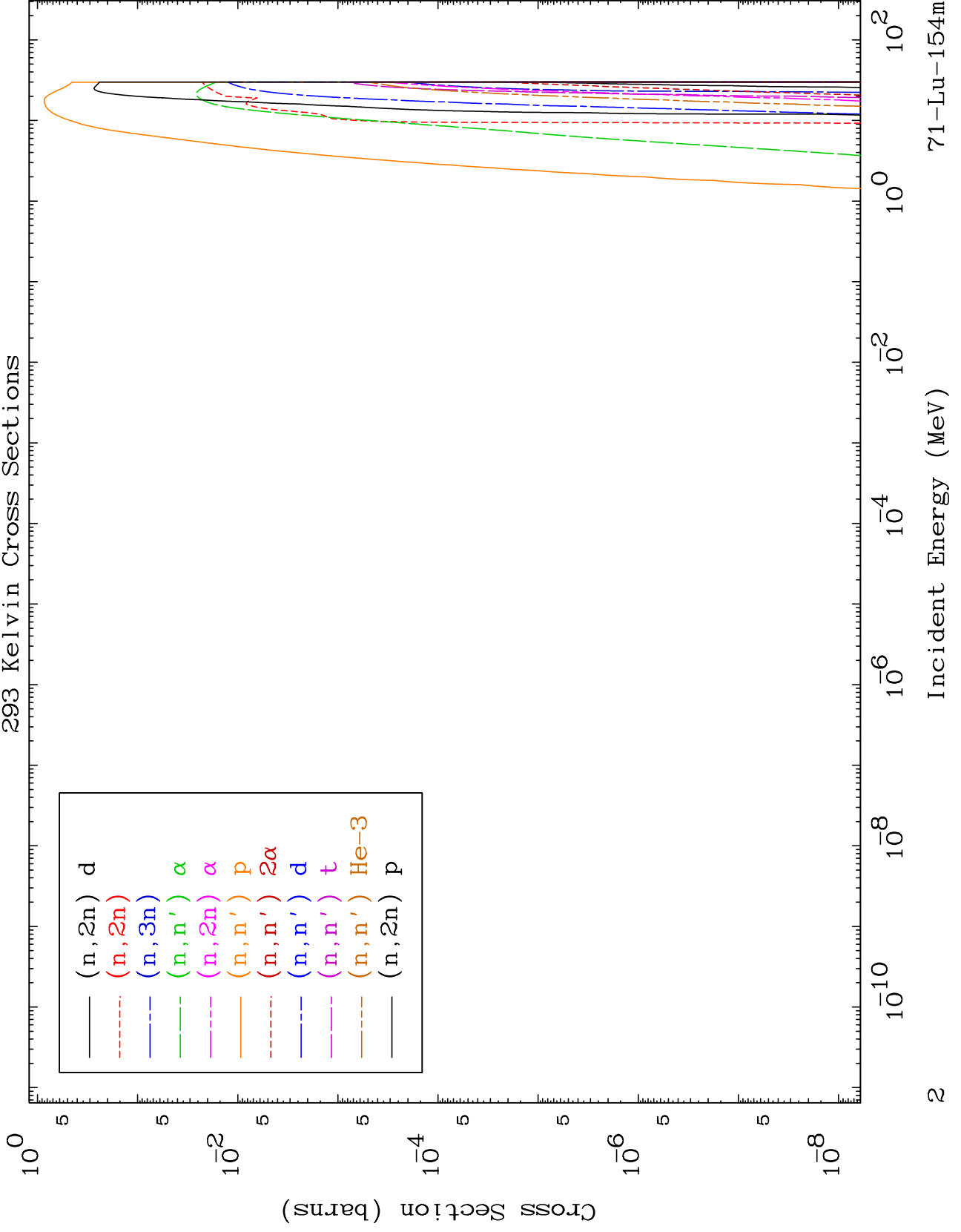
⁷¹Lu-154m



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Neutron Absorption
293 Kelvin Cross Sections

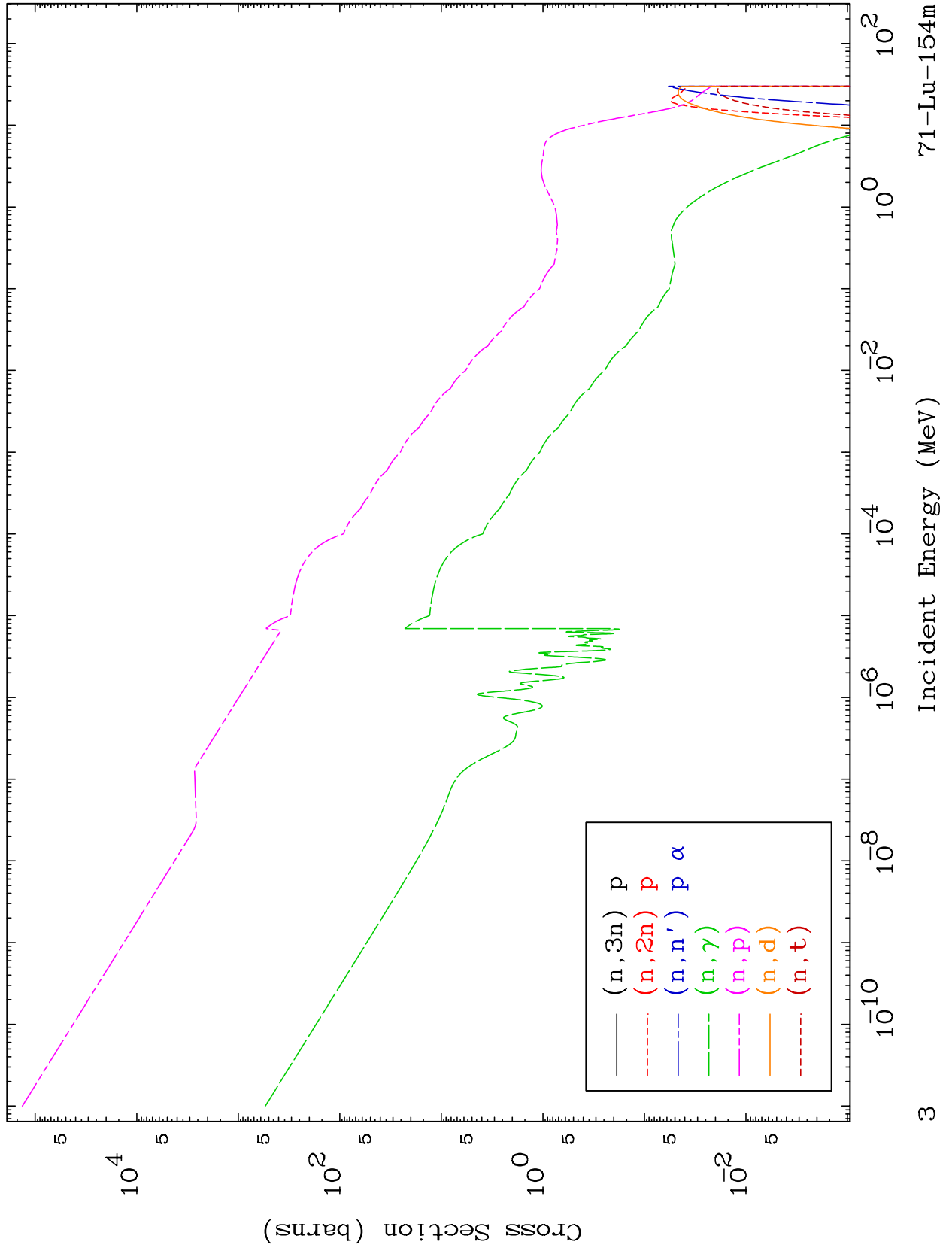
71-Lu-154m



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Neutron Absorption
293 Kelvin Cross Sections

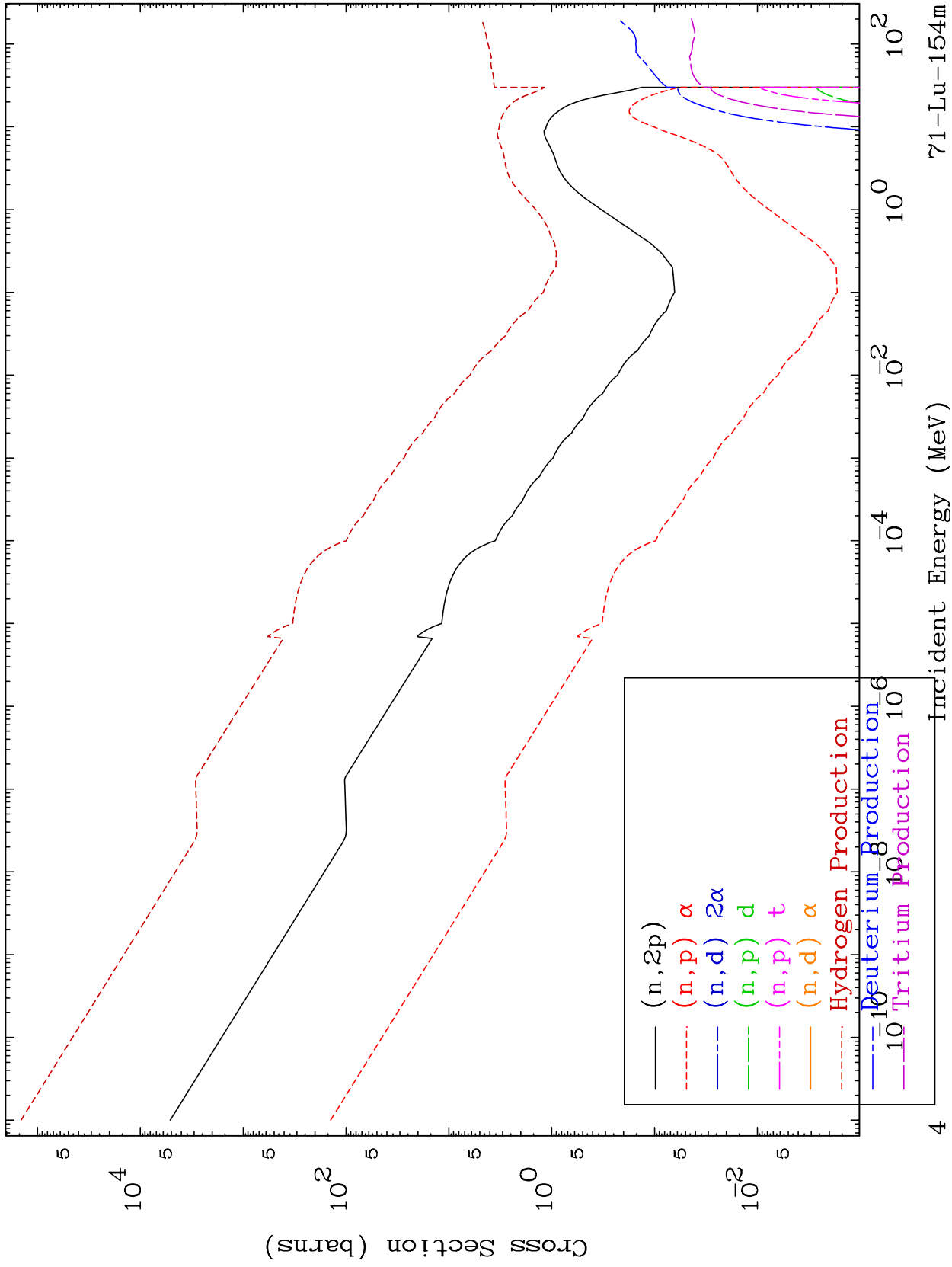
⁷¹Lu-154m



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Neutron Absorption
293 Kelvin Cross Sections

⁷¹Lu-154m



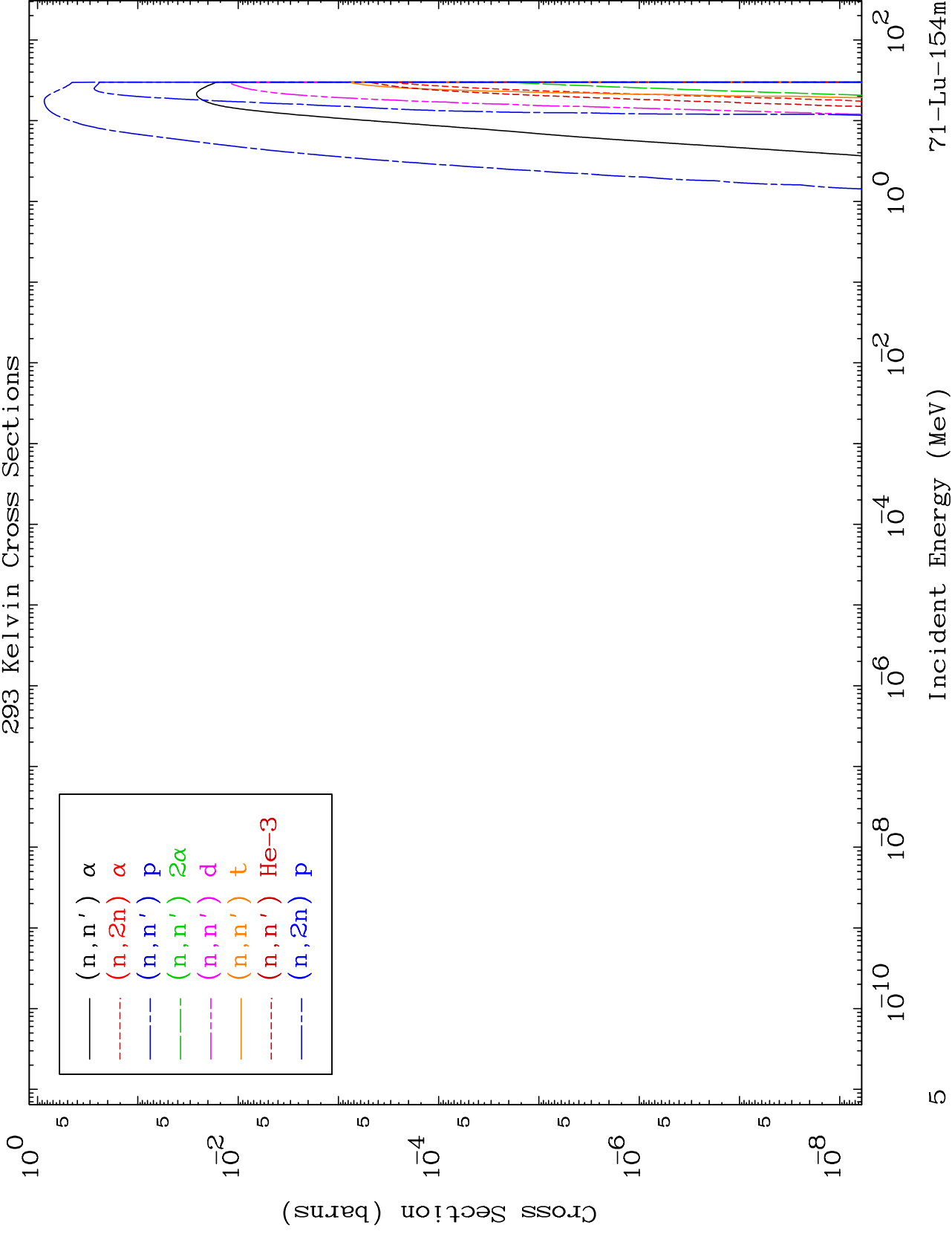
Incident Energy (MeV)

⁷¹Lu-154m

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Charged Particle
293 Kelvin Cross Sections

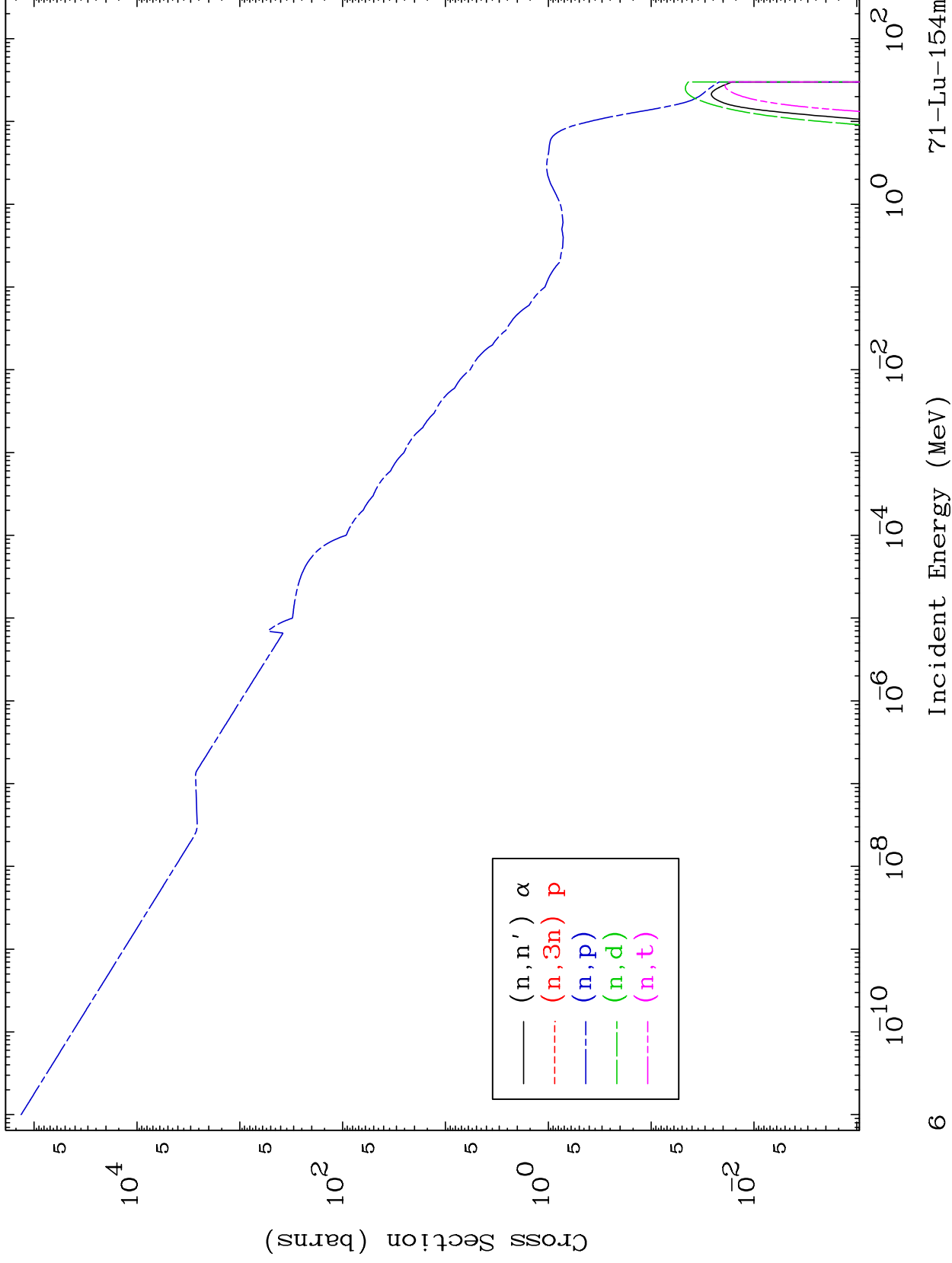
⁷¹Lu-154m



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Charged Particle
293 Kelvin Cross Sections

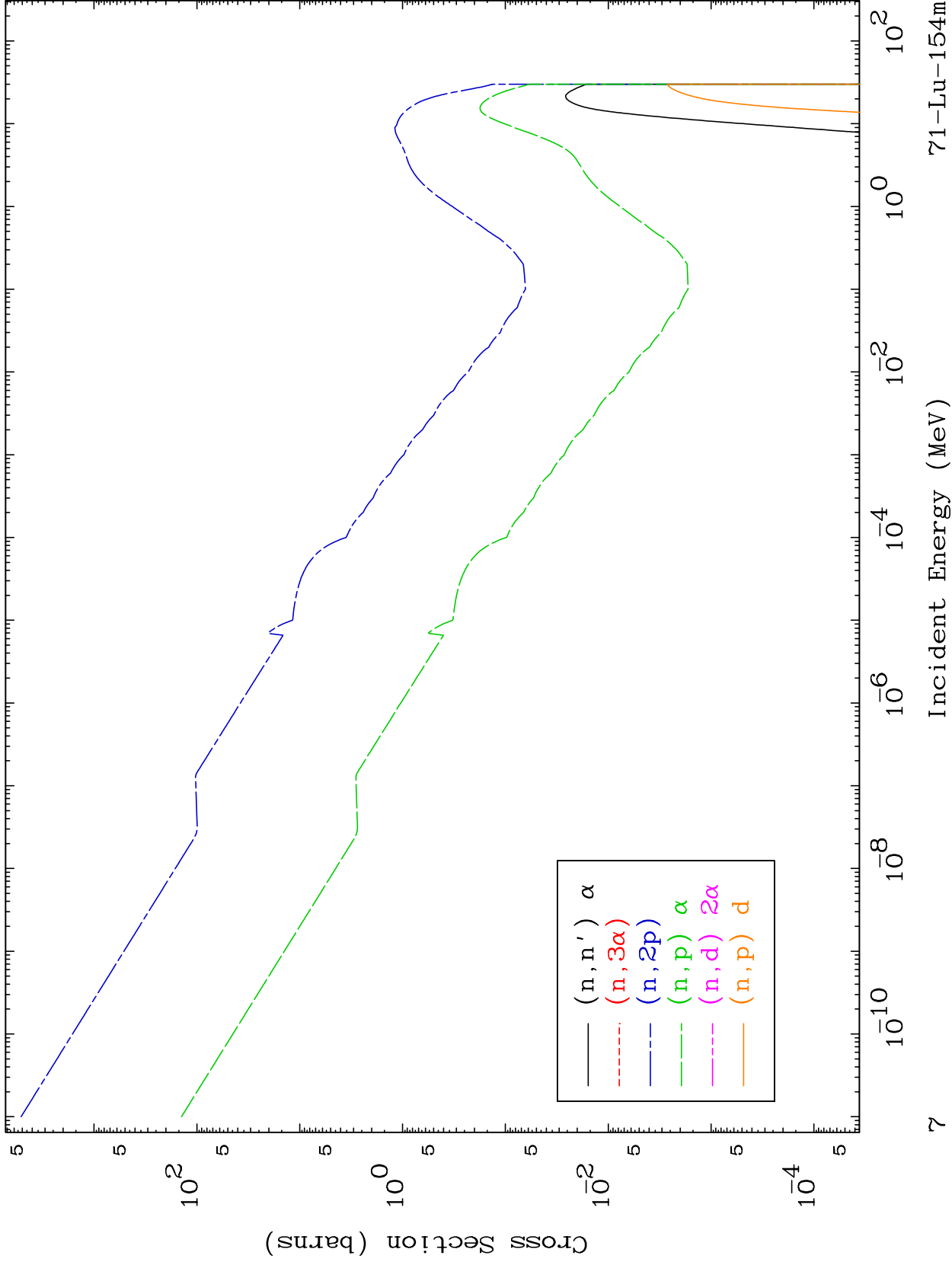
⁷¹Lu-154m



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Charged Particle
293 Kelvin Cross Sections

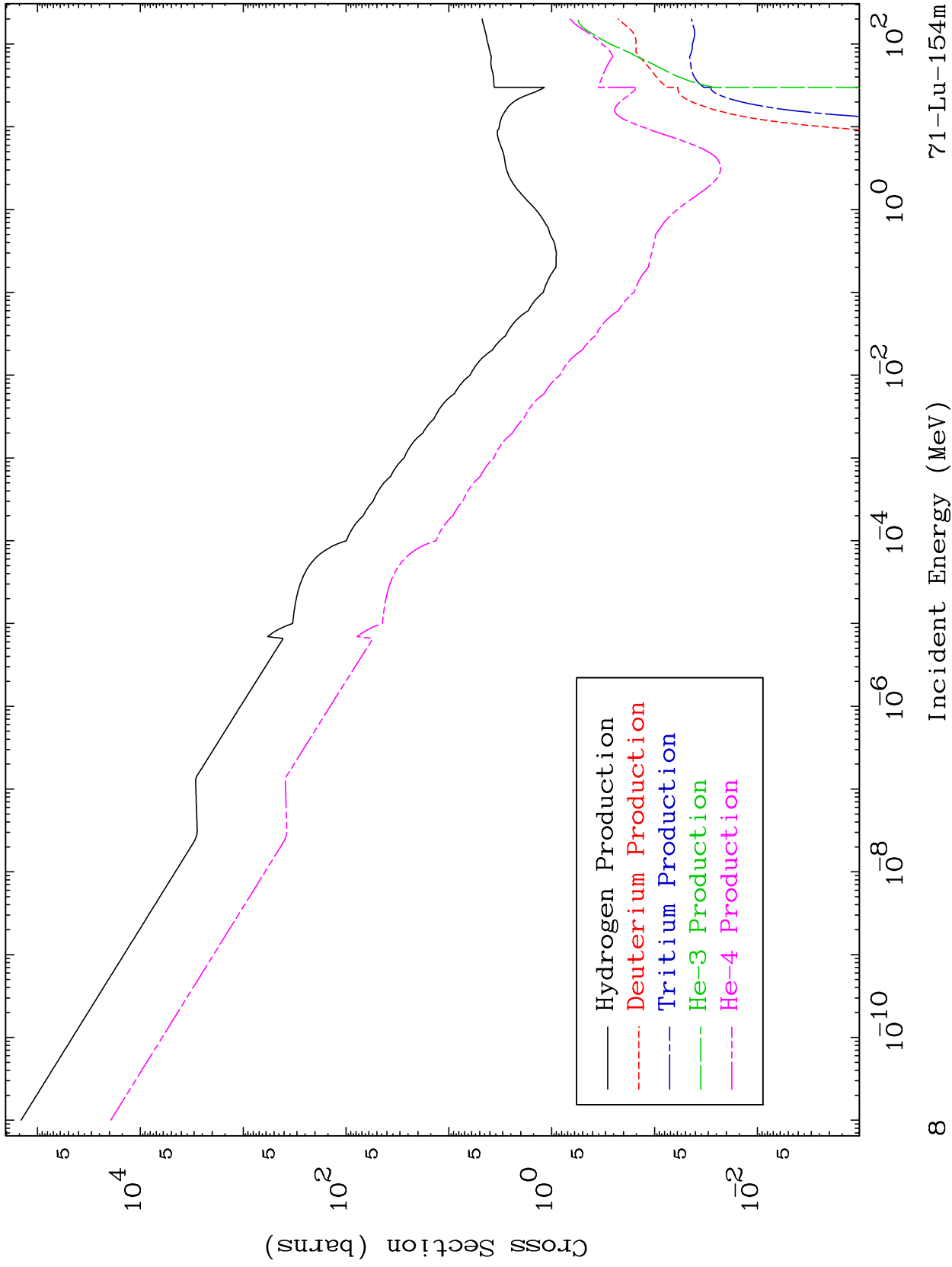
71-Lu-154m

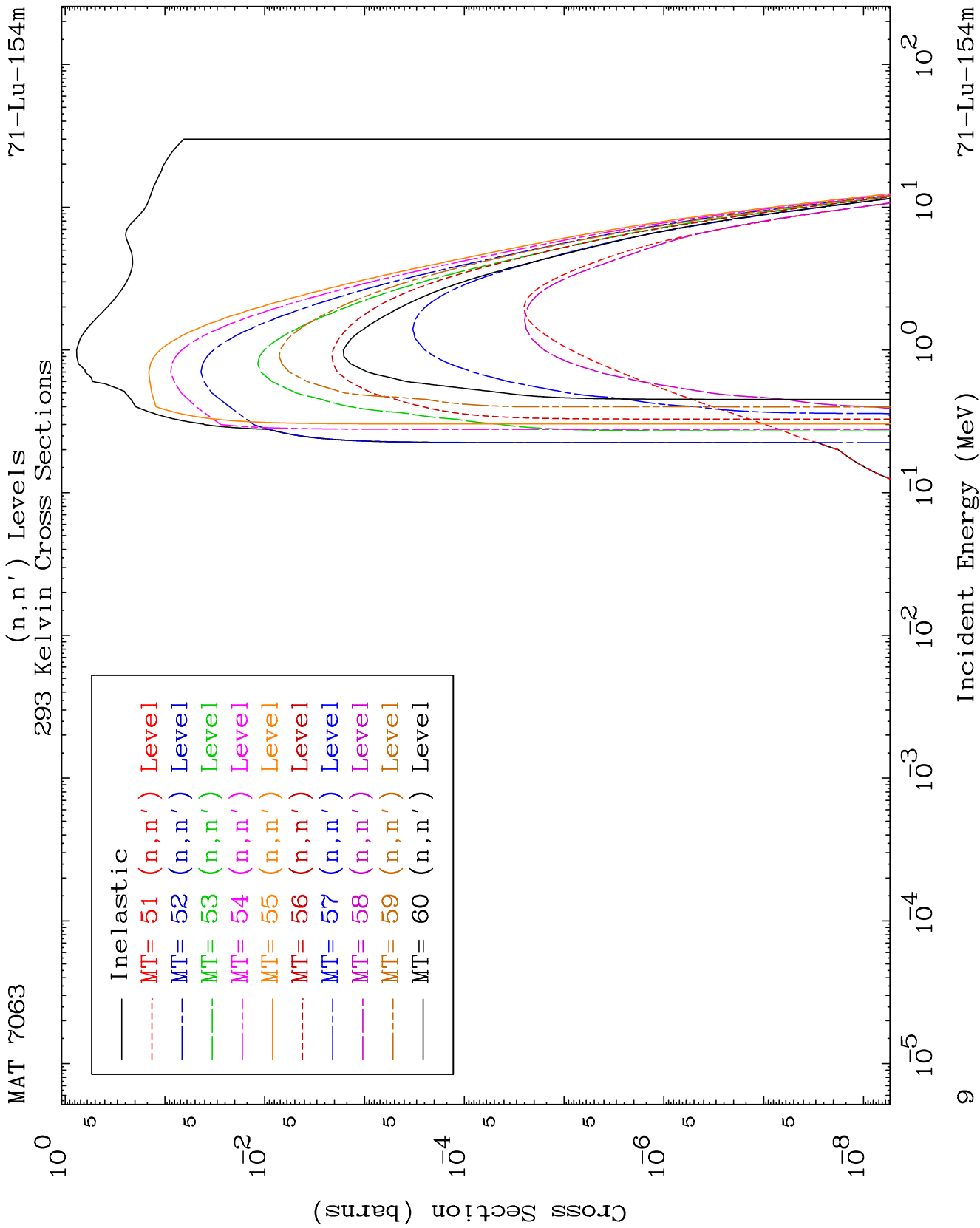


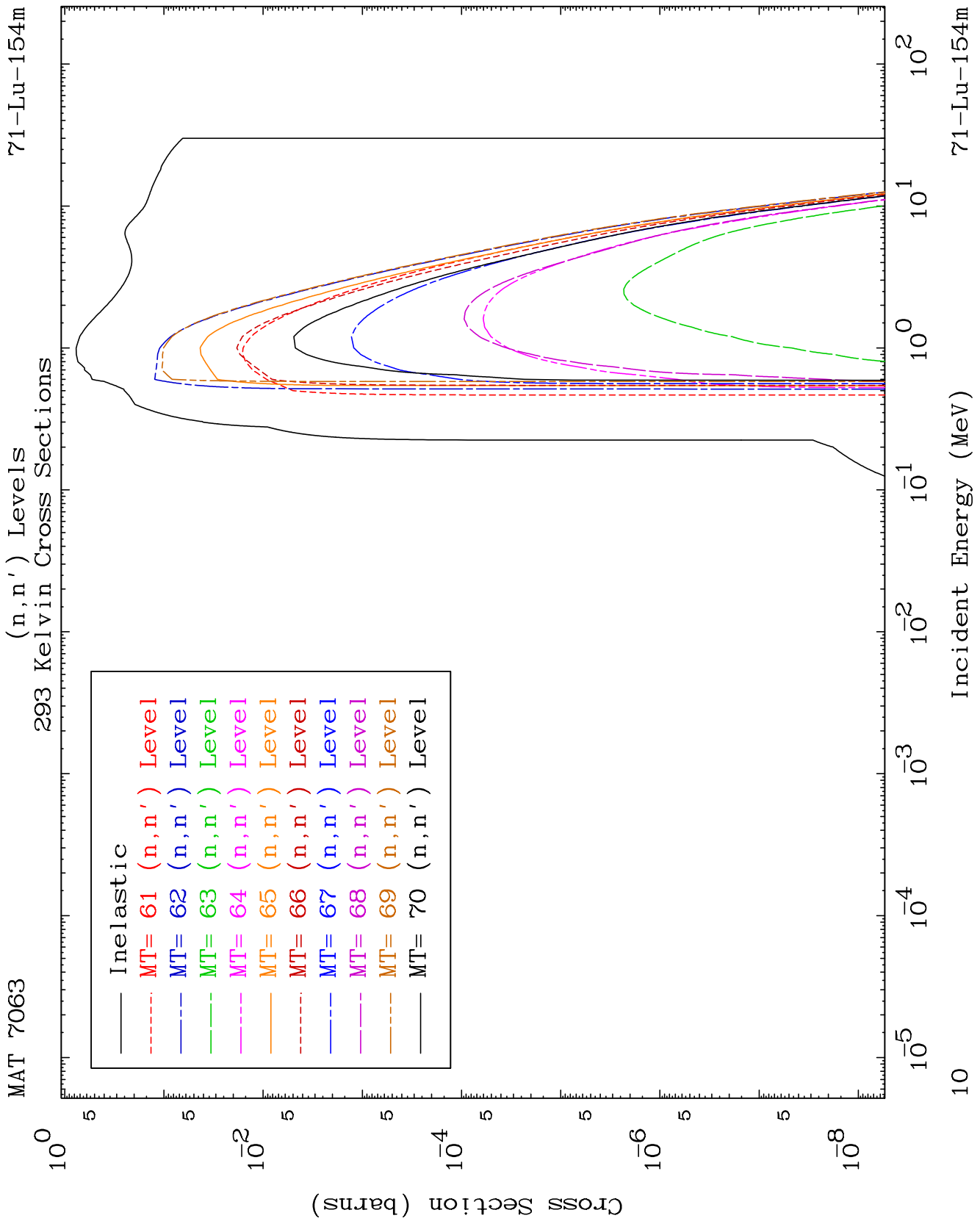
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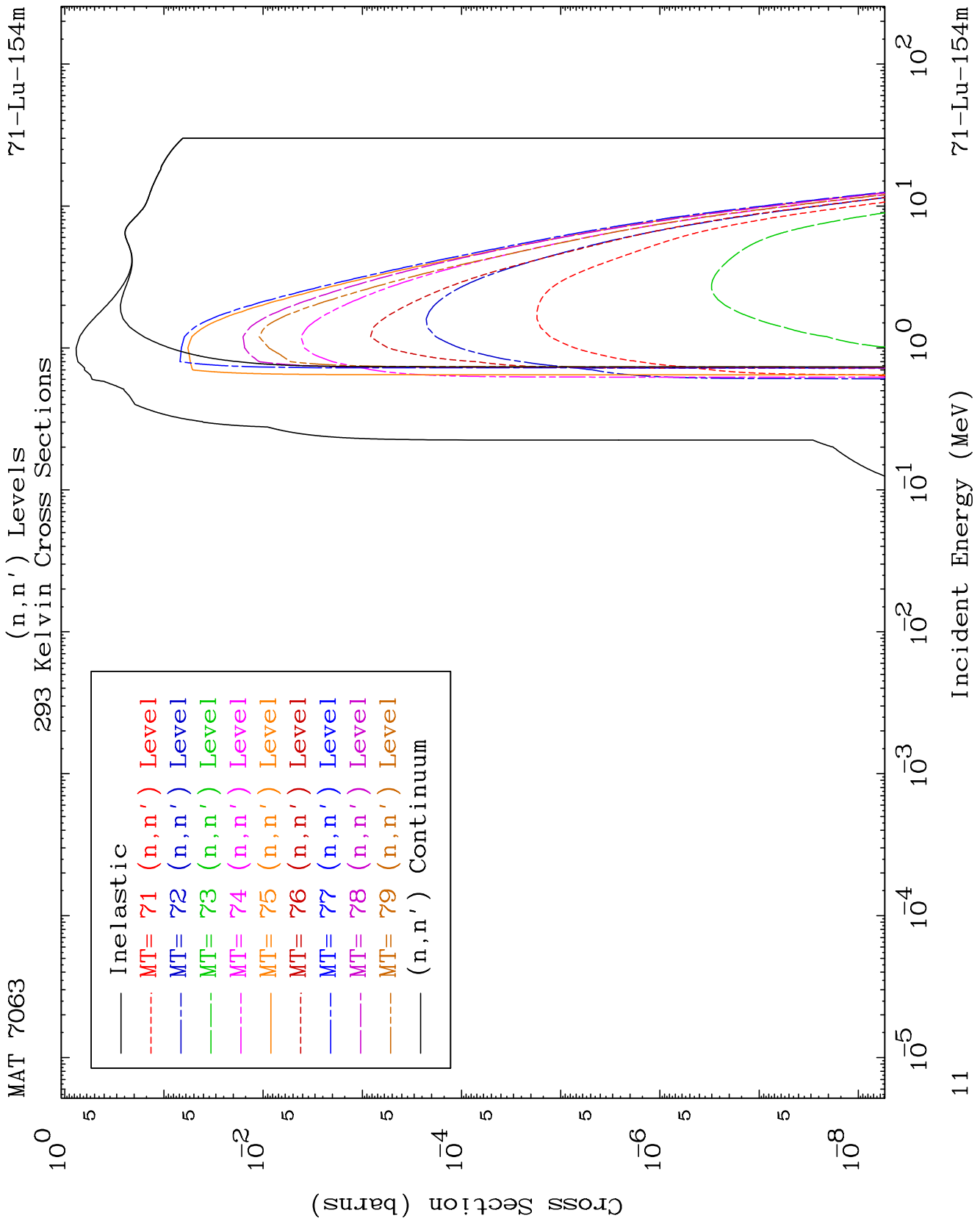
Particle Production
293 Kelvin Cross Sections

71-Lu-154m





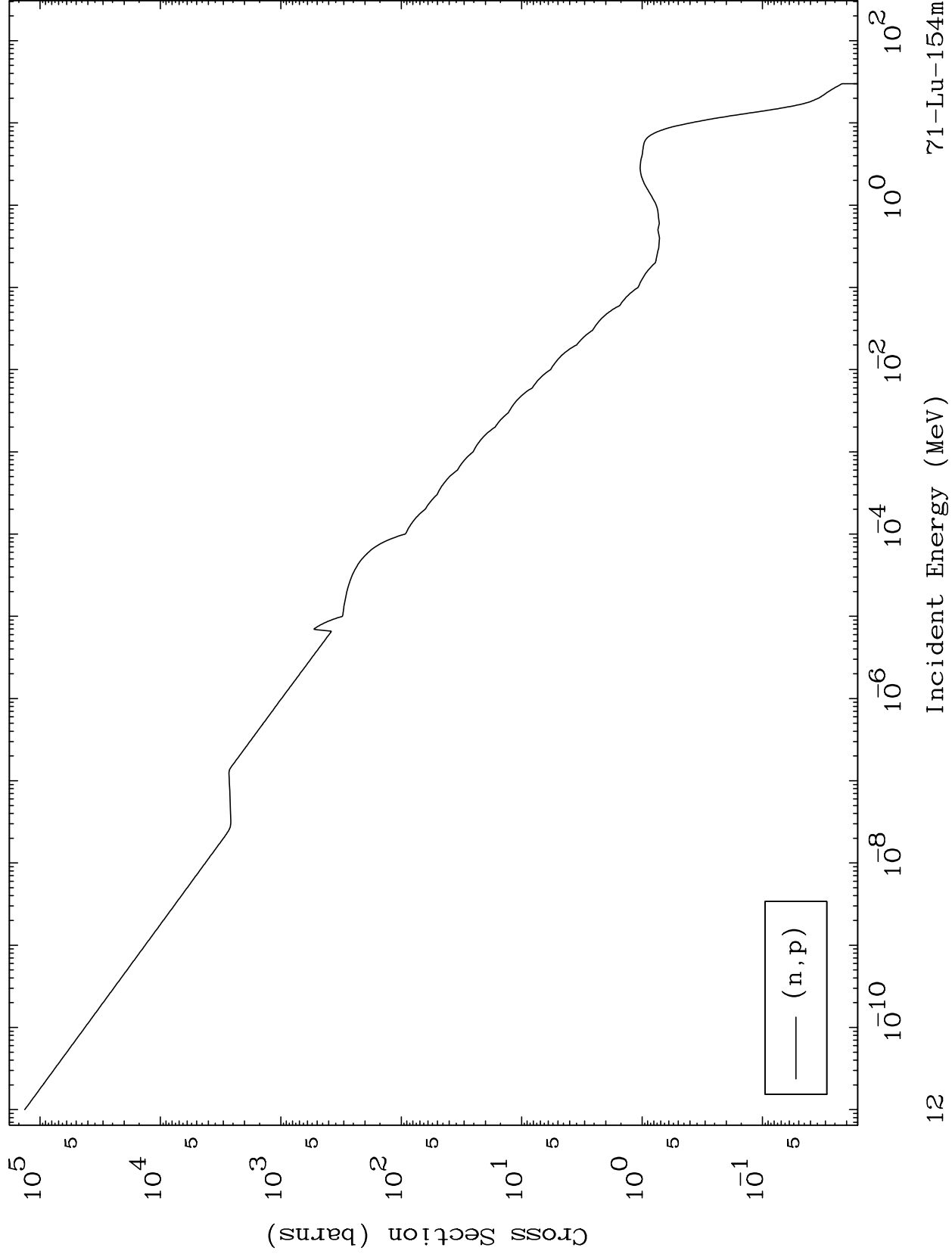




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(n,p) Levels
293 Kelvin Cross Sections

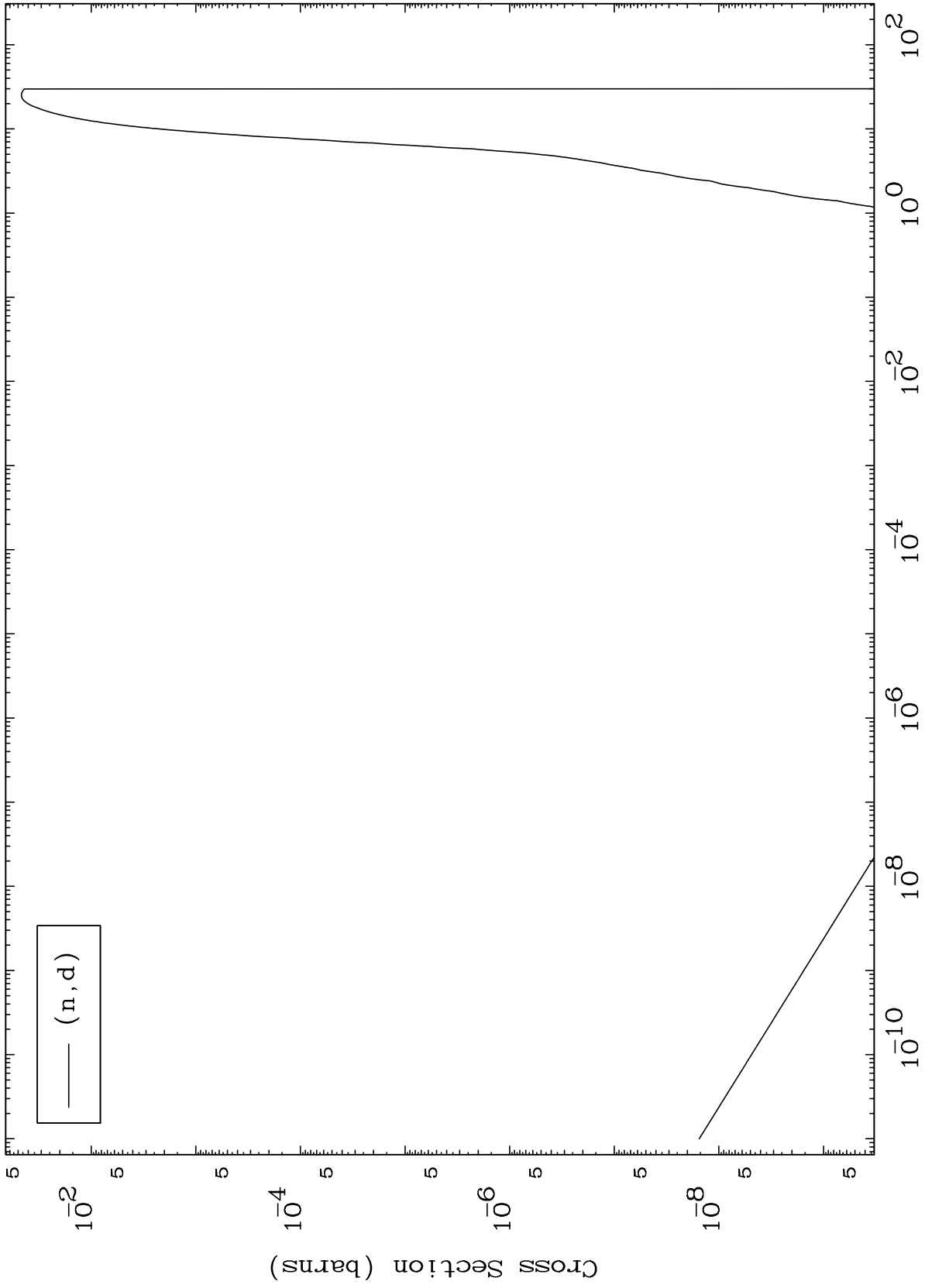
71-Lu-154m



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(n,d) Levels
293 Kelvin Cross Sections

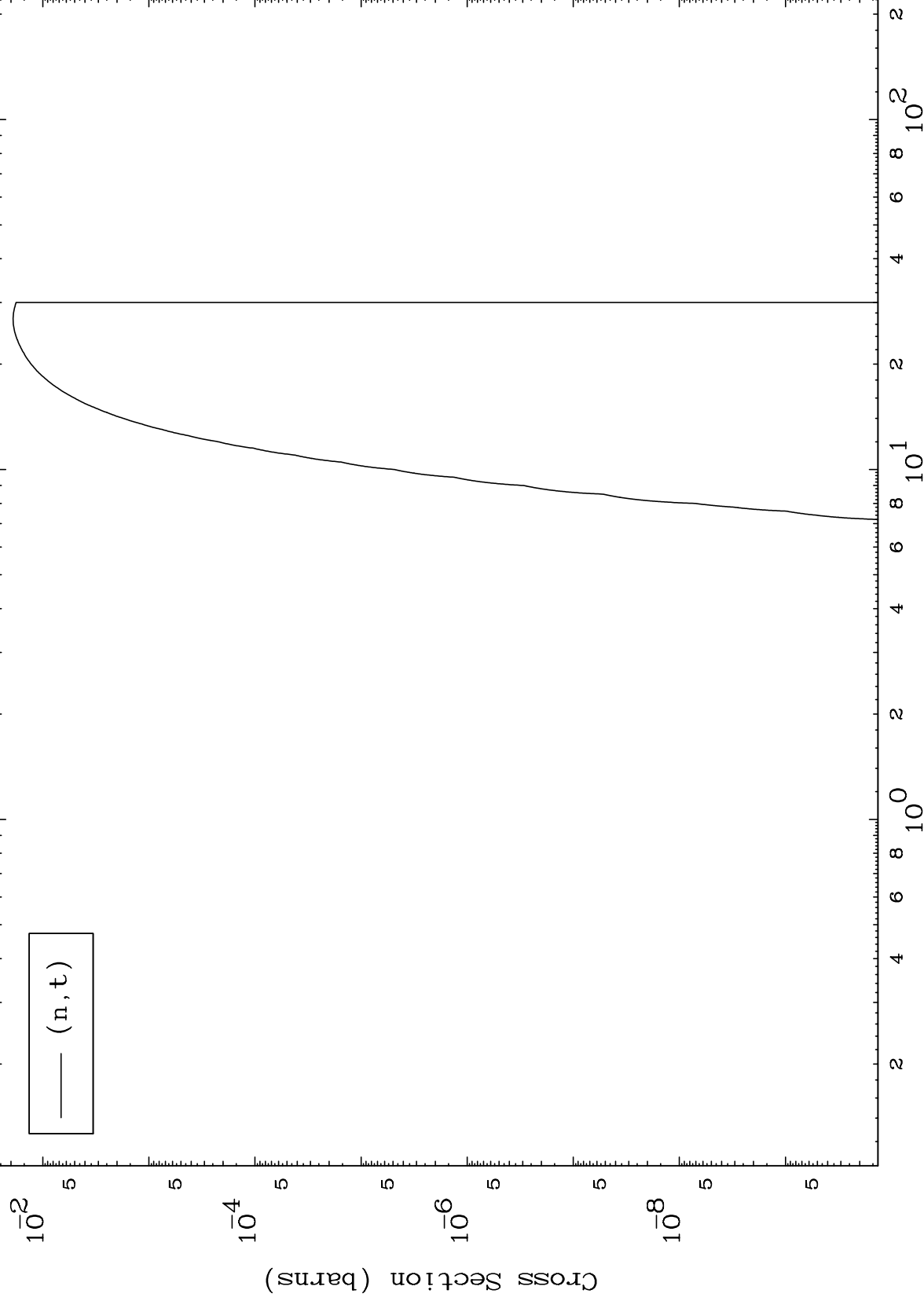
71-Lu-154m



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(n,t) Levels
293 Kelvin Cross Sections

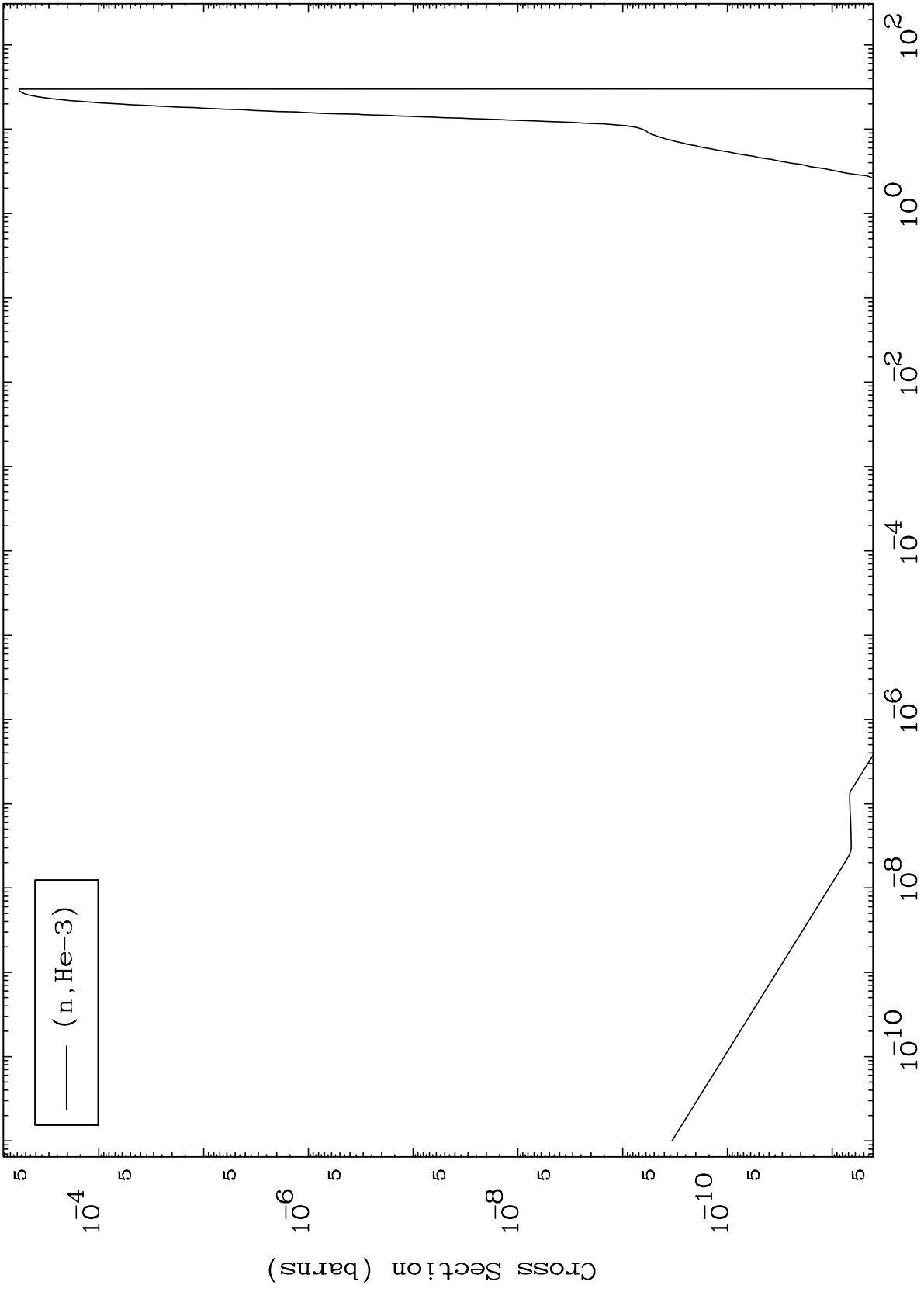
71-Lu-154m



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(n,He3) Levels
293 Kelvin Cross Sections

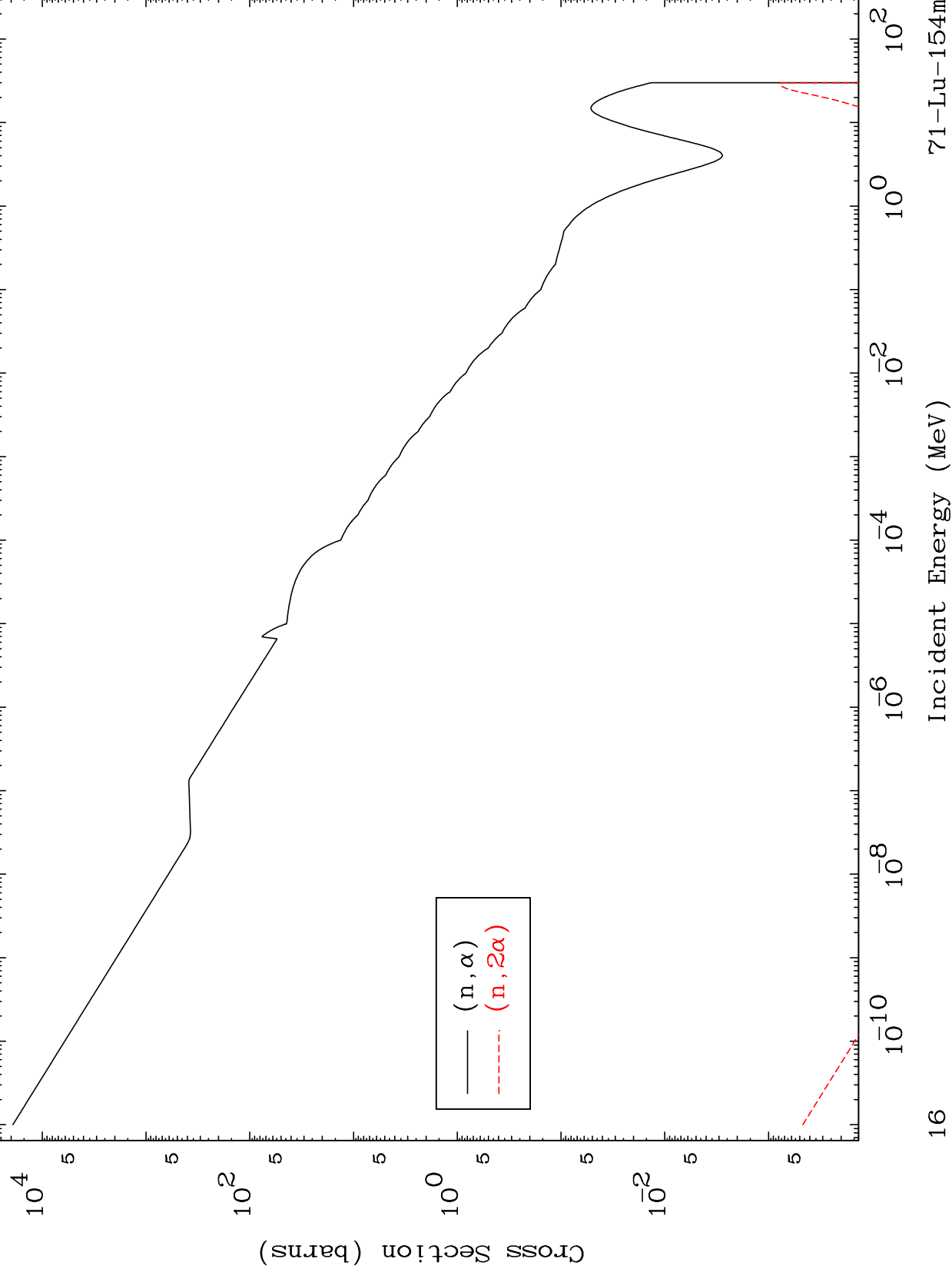
71-Lu-154m

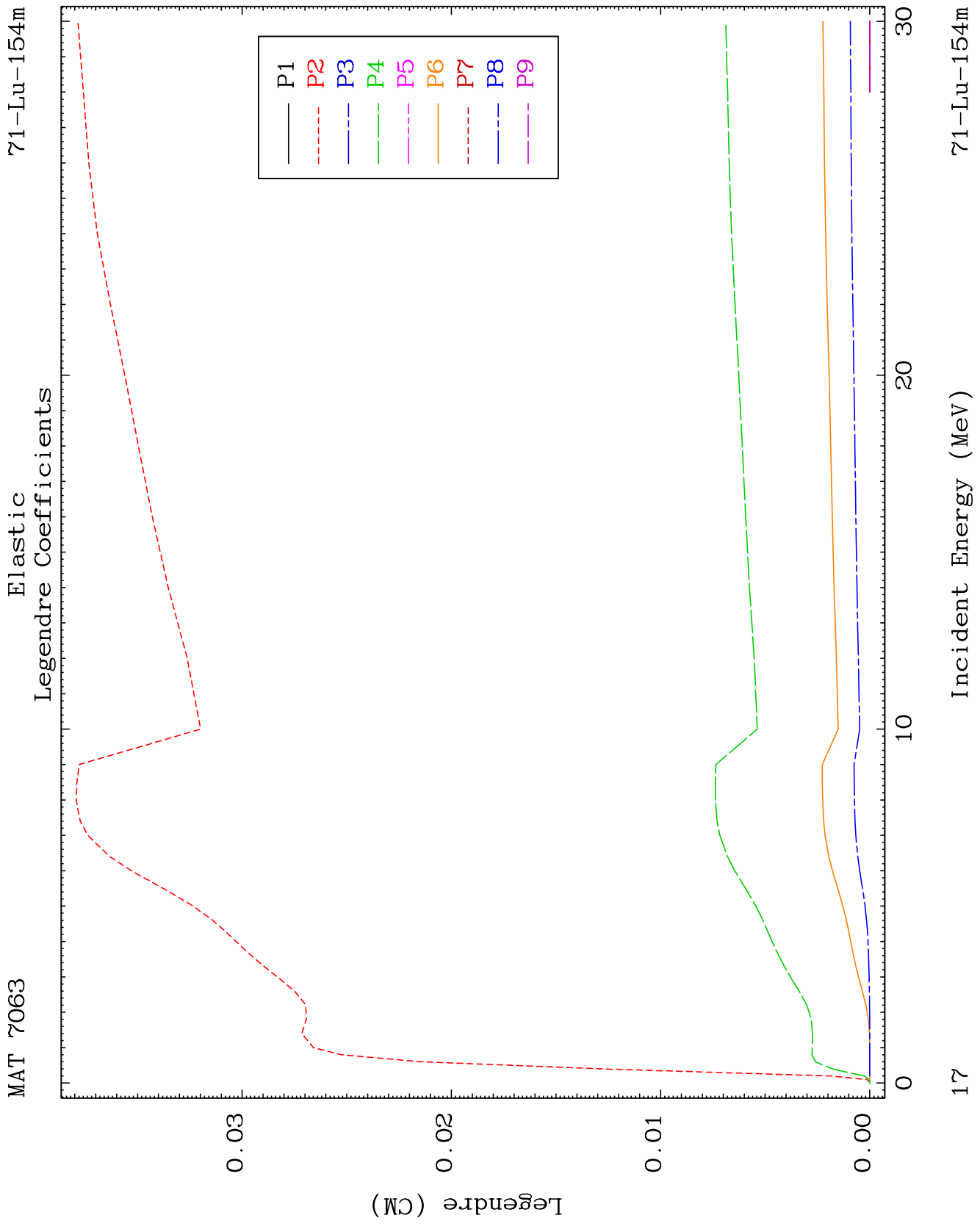


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(n, α) Levels
293 Kelvin Cross Sections

71-Lu-154m

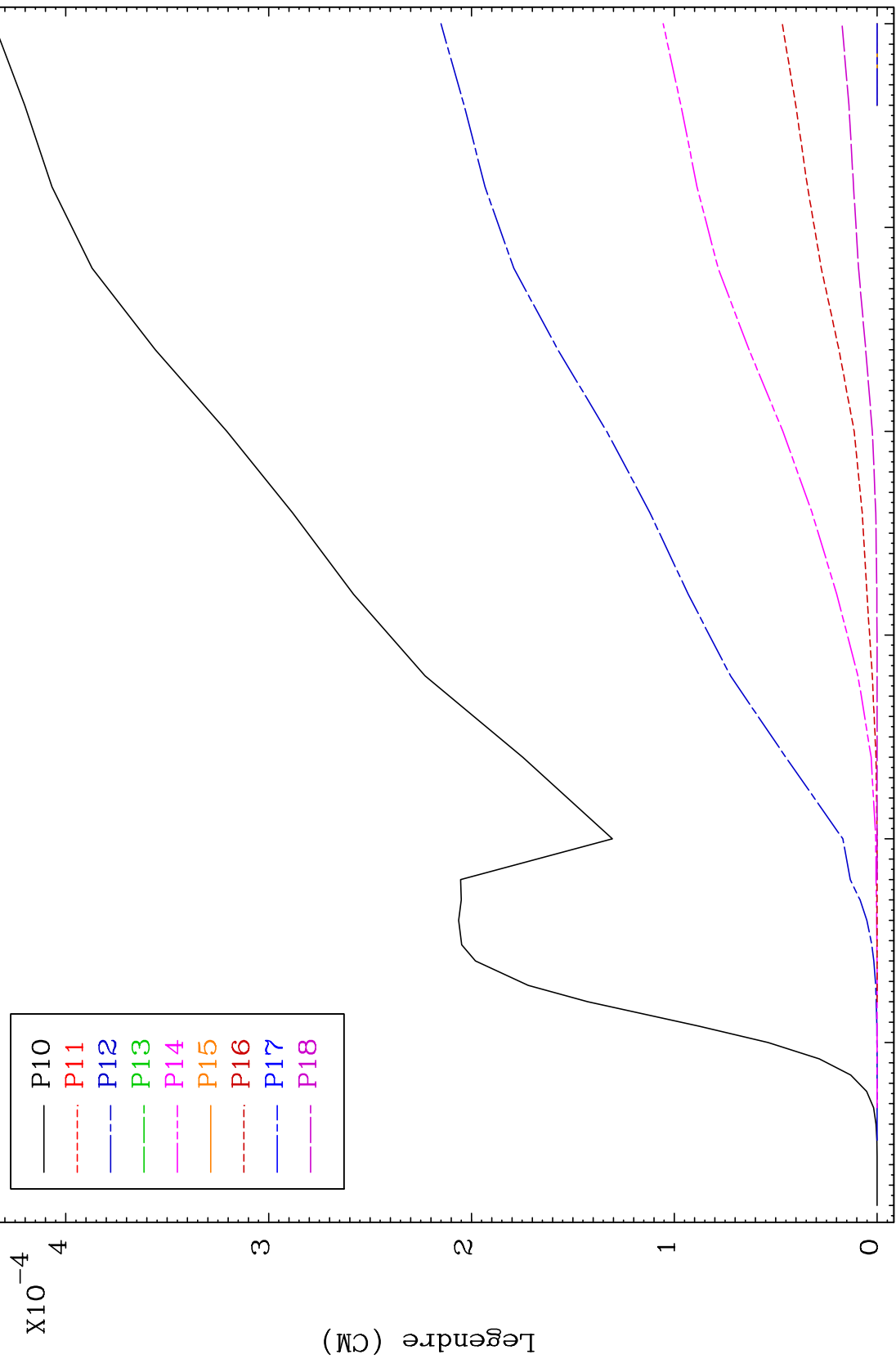
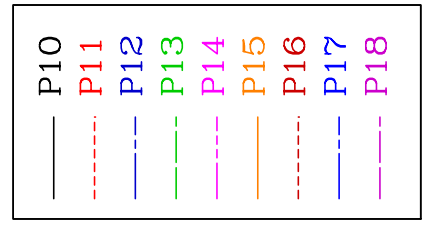




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Elastic Legendre Coefficients

⁷¹Lu-154m



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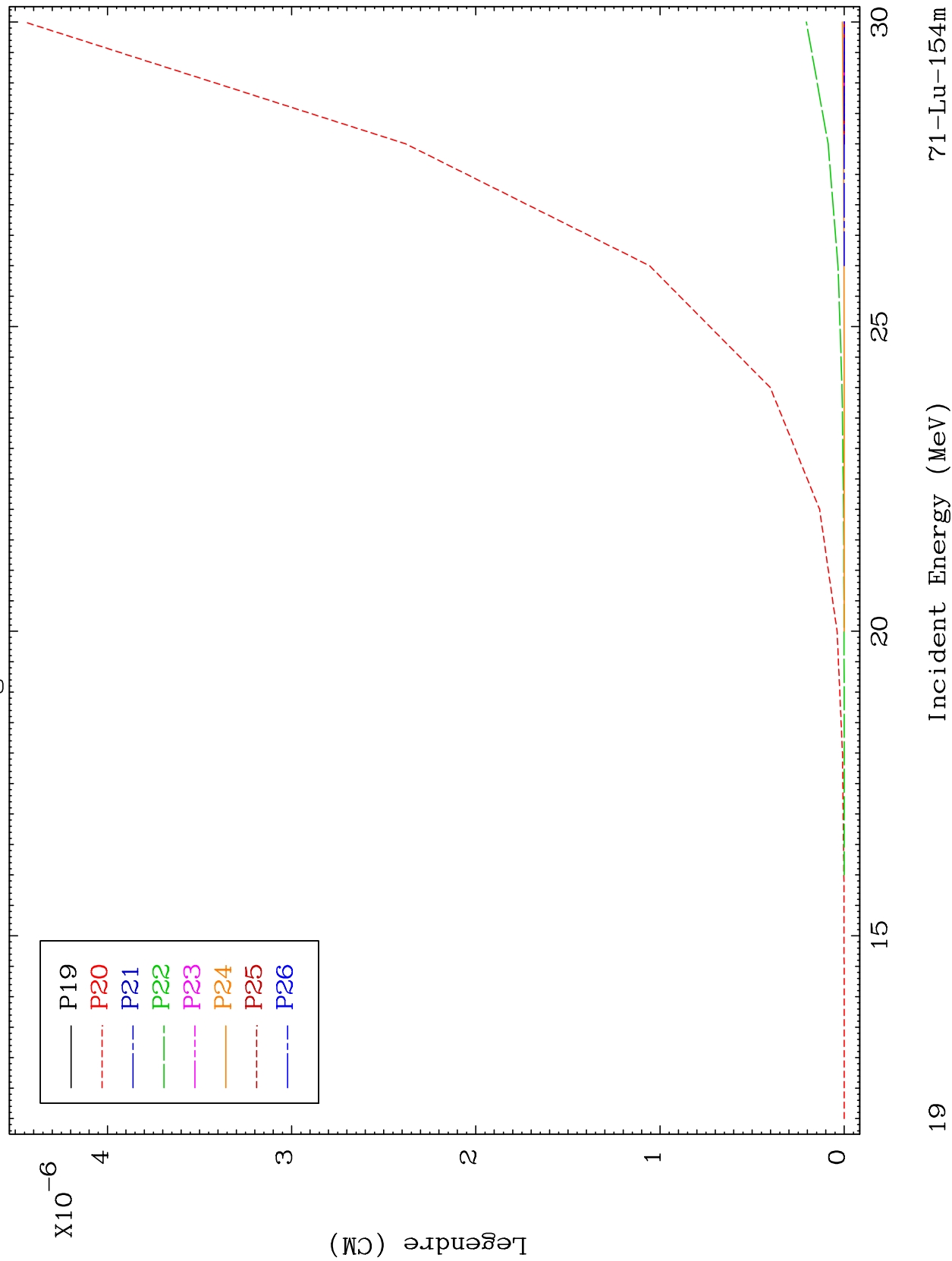
Incident Energy (MeV)

⁷¹Lu-154m

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Elastic Legendre Coefficients

71-Lu-154m



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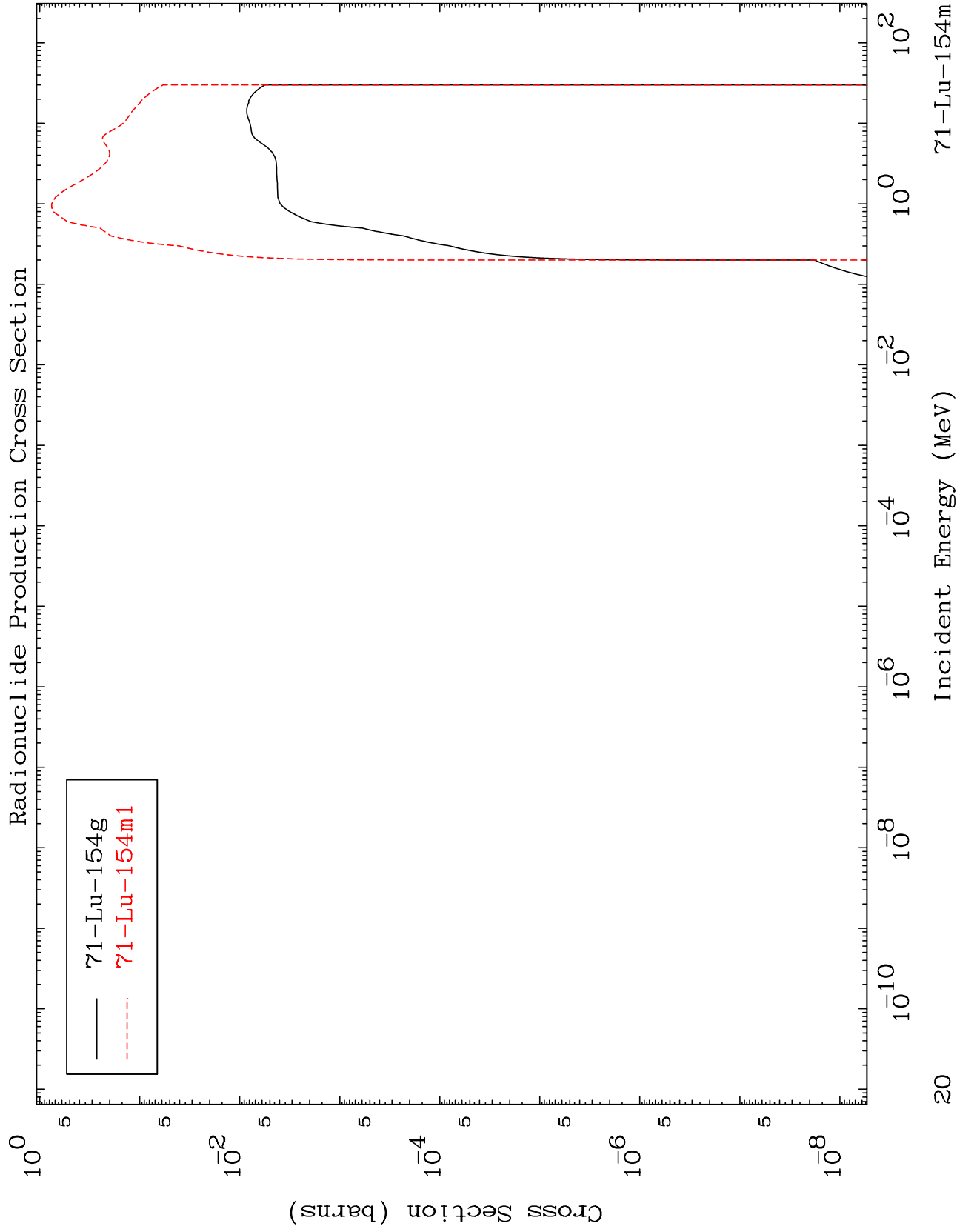
Incident Energy (MeV)

71-Lu-154m

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Inelastic

⁷¹Lu-154m

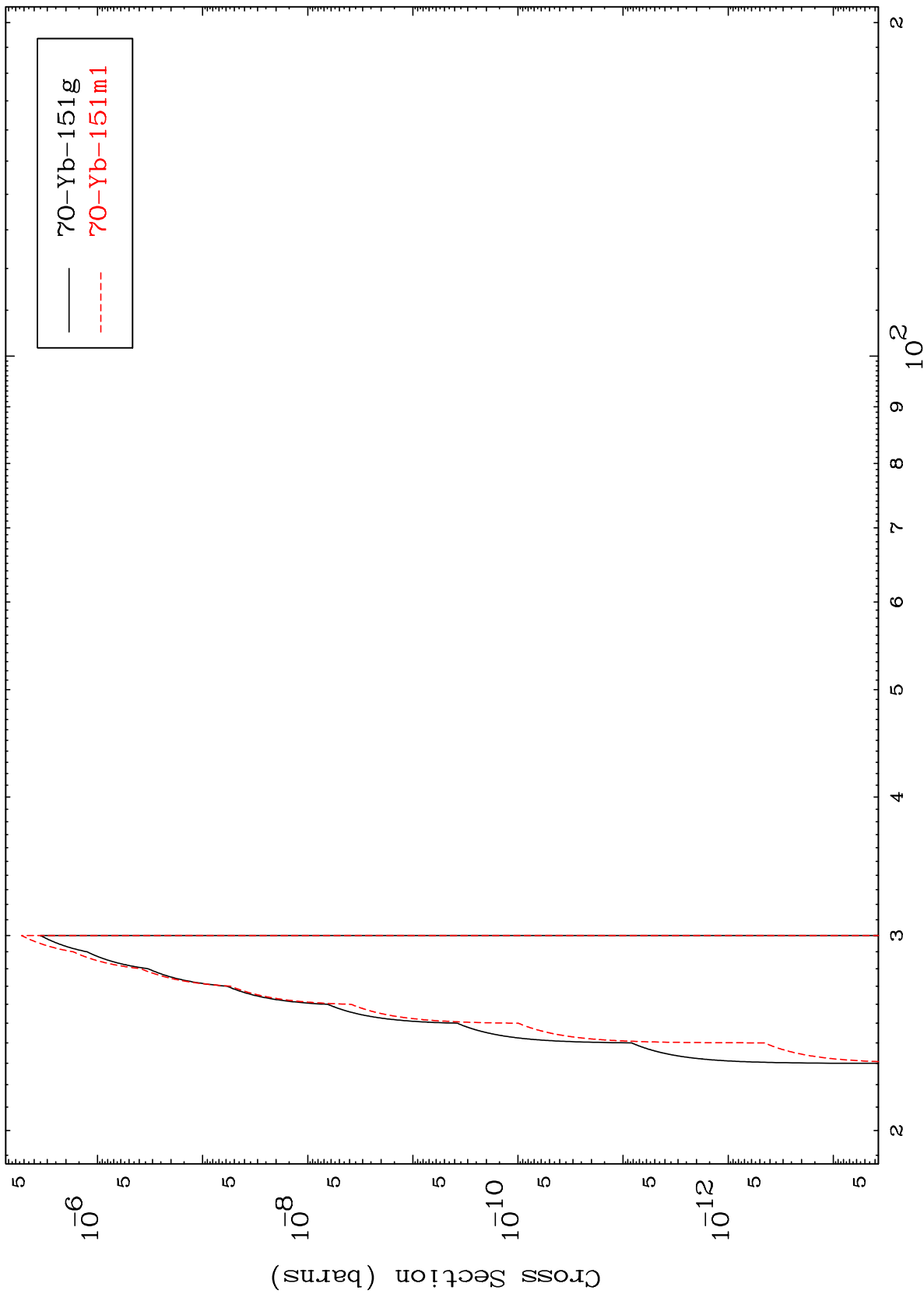


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(n,2n) d

71-Lu-154m

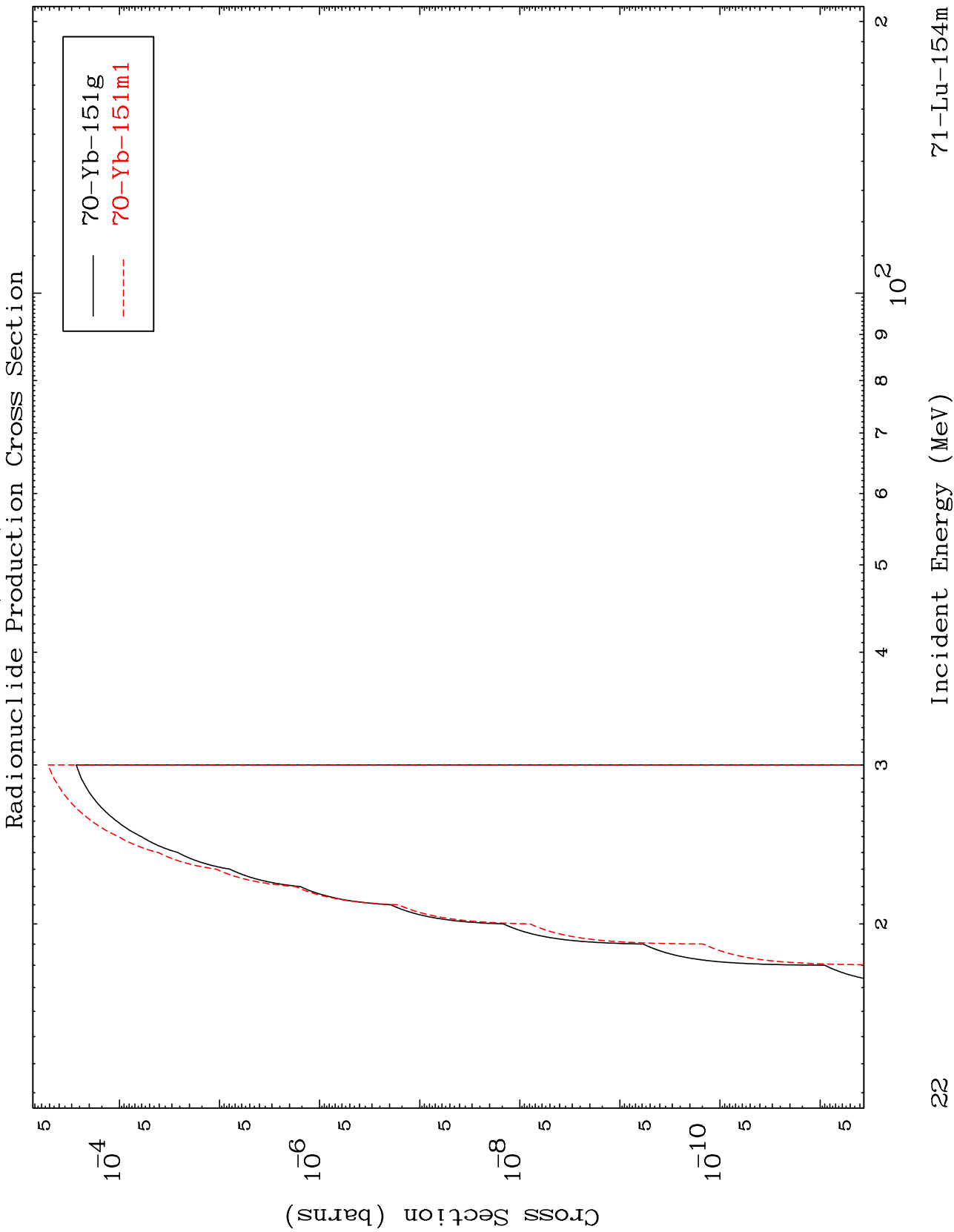
Radionuclide Production Cross Section



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Incident Energy (MeV)

71-Lu-154m

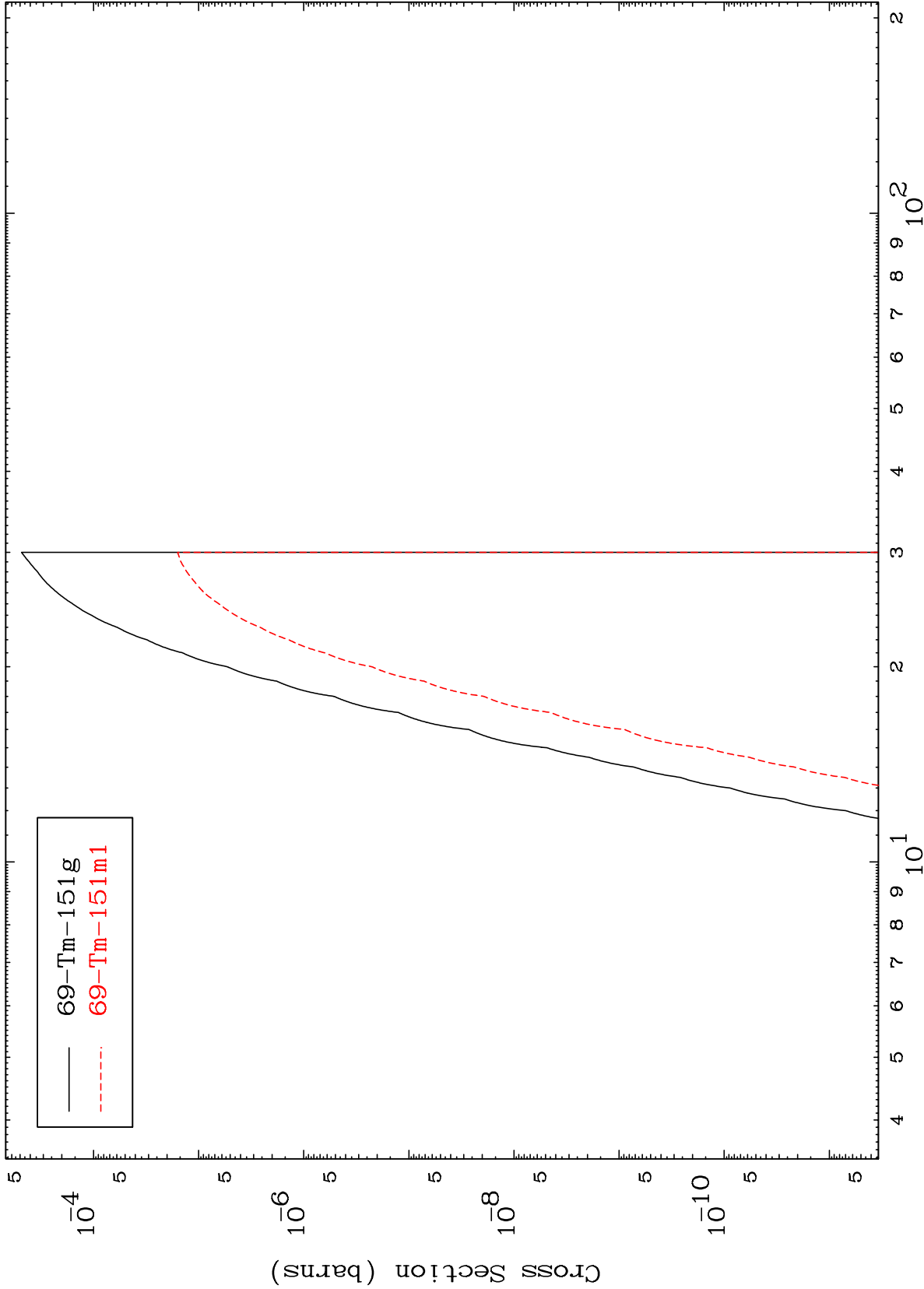


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(n,n') He-3

71-Lu-154m

Radionuclide Production Cross Section

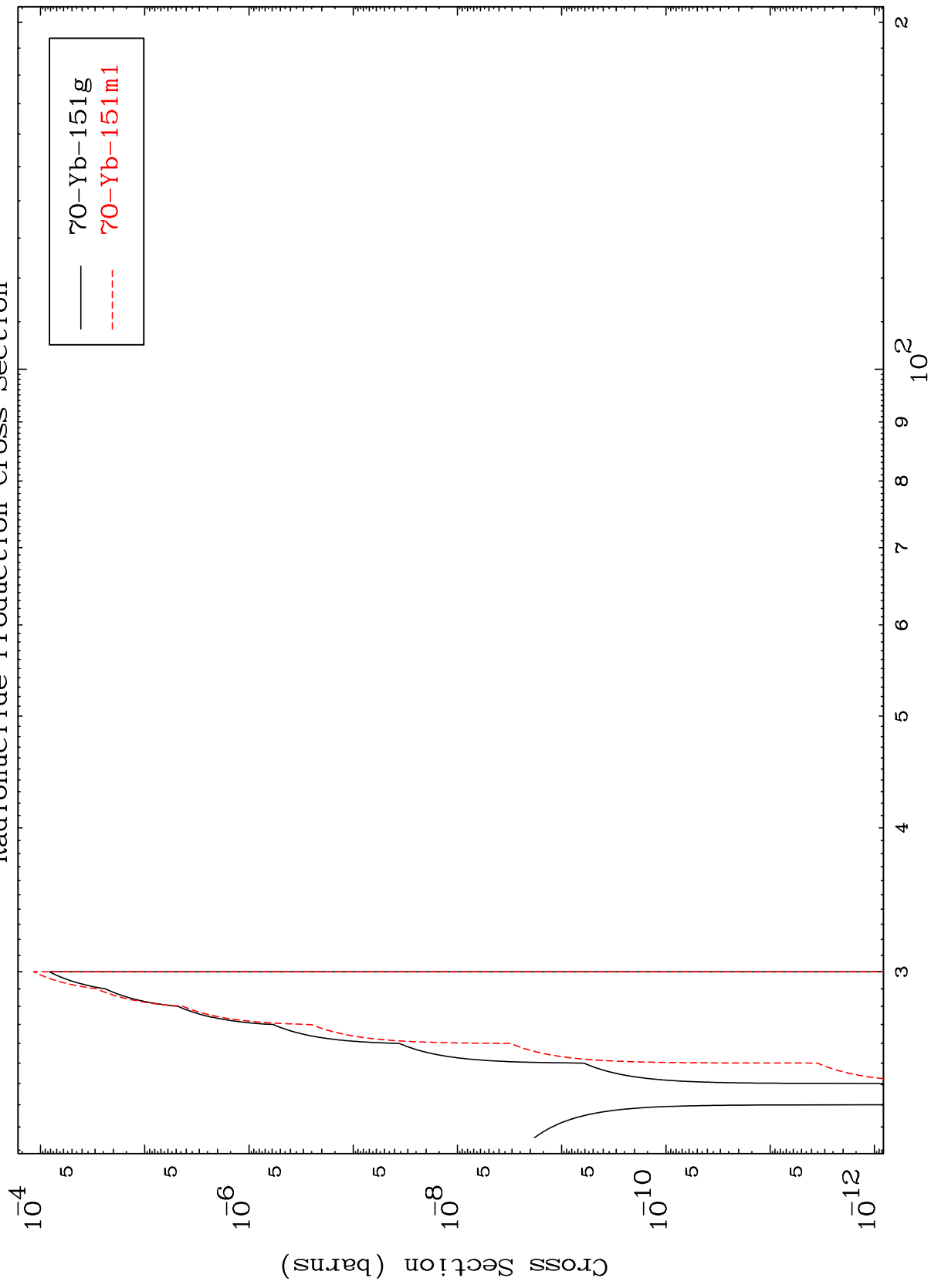


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(n,3n) p

71-Lu-154m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

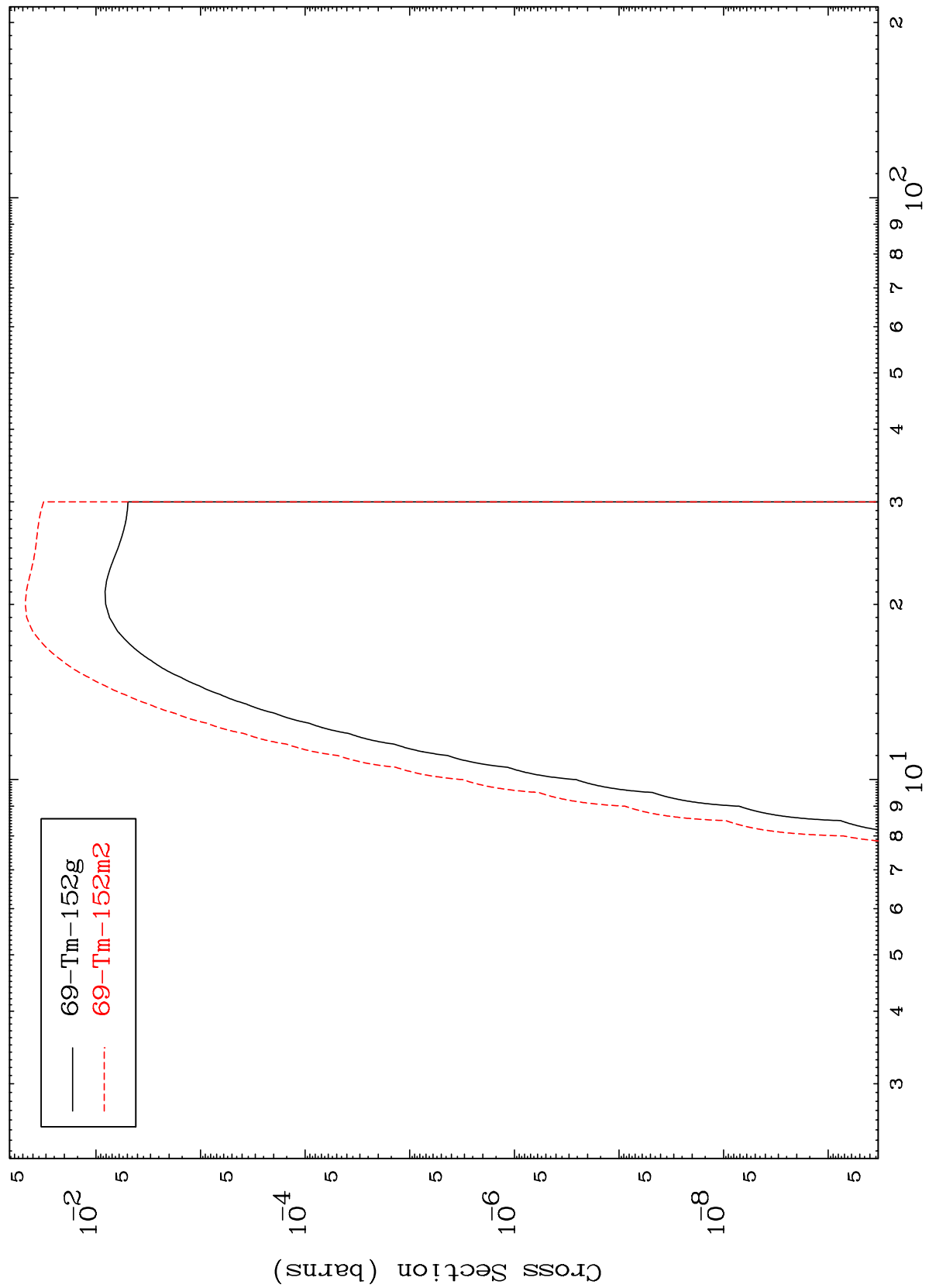
71-Lu-154m

MAT 7063

(n,2n) p

71-Lu-154m

Radionuclide Production Cross Section



69-Tm-152g
69-Tm-152m2

Incident Energy (MeV)

71-Lu-154m

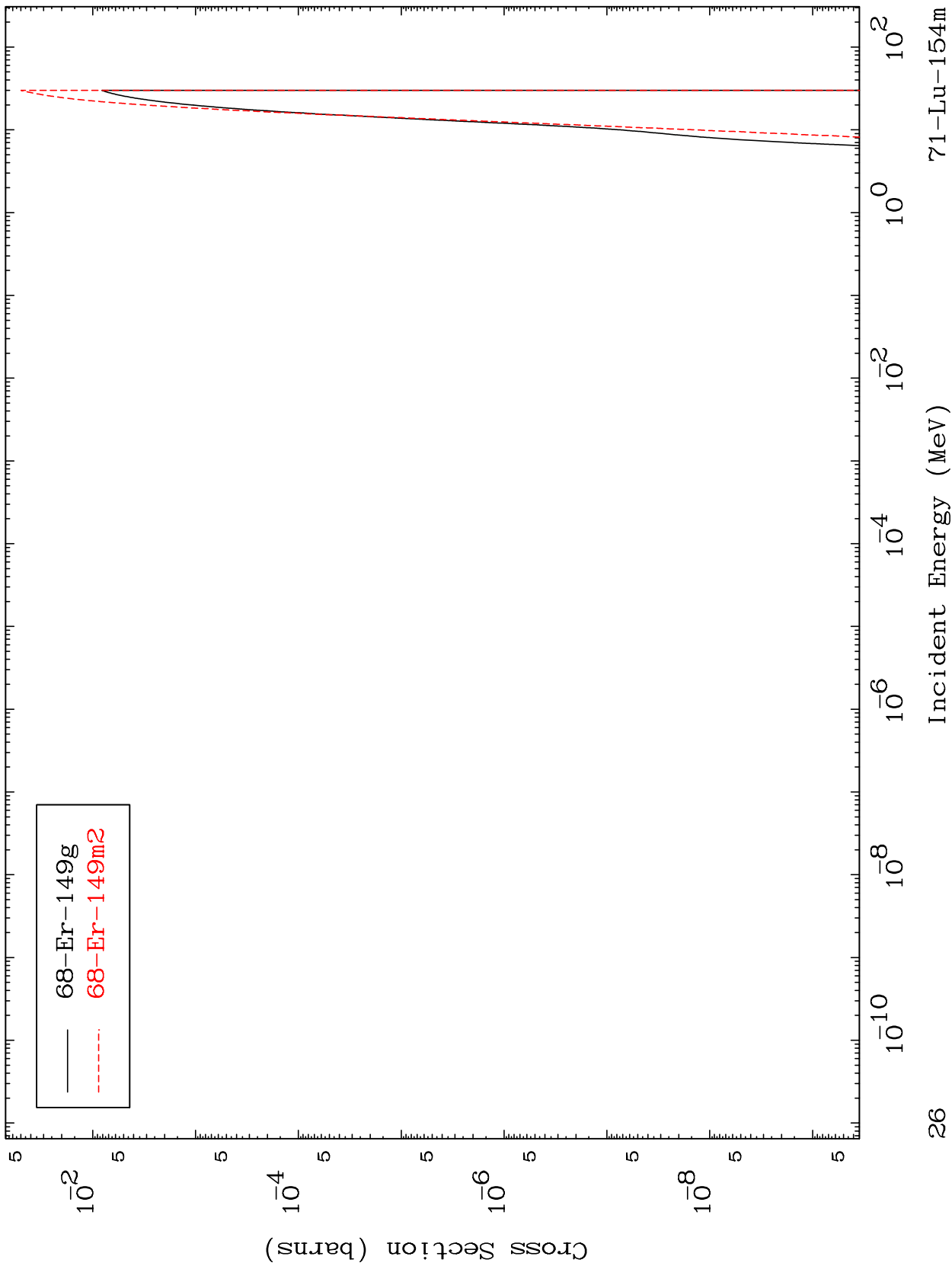
25

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(n,n') p α

⁷¹Lu-154m

Radionuclide Production Cross Section

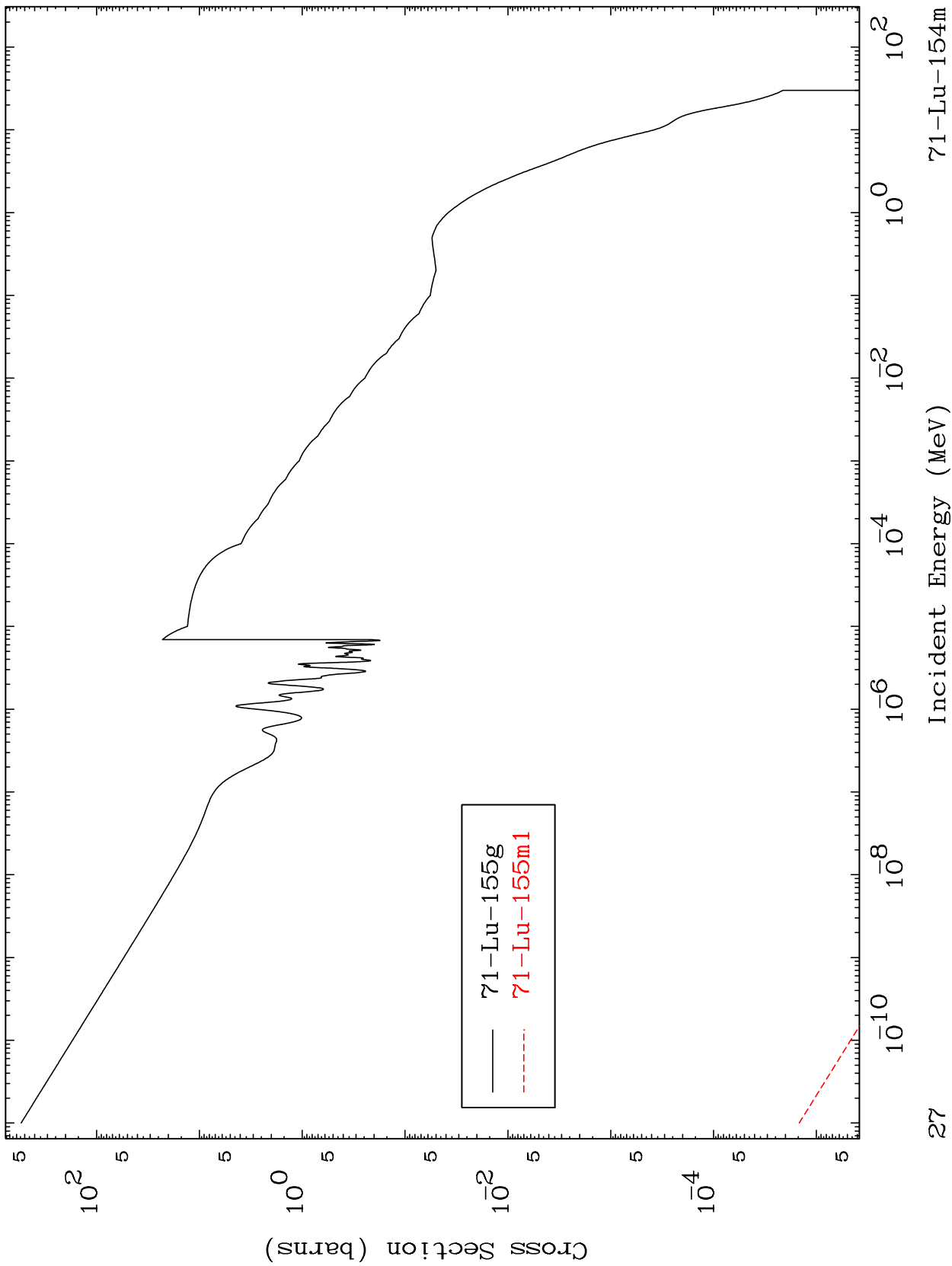


68-Er-149g
68-Er-149m2

MAT 7063

⁷¹Lu-154m

Radionuclide Production Cross Section

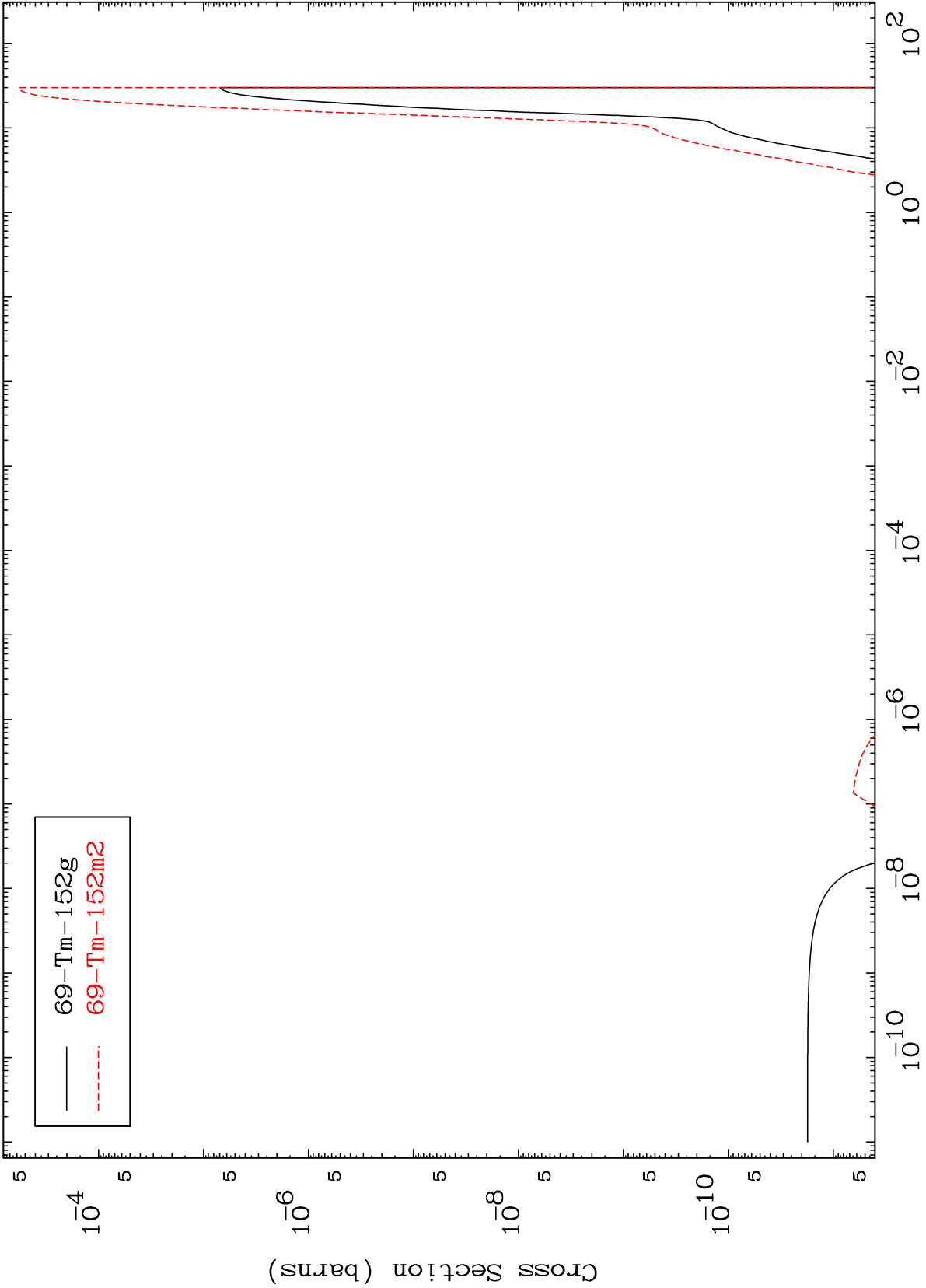


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(n,He-3)

71-Lu-154m

Radionuclide Production Cross Section

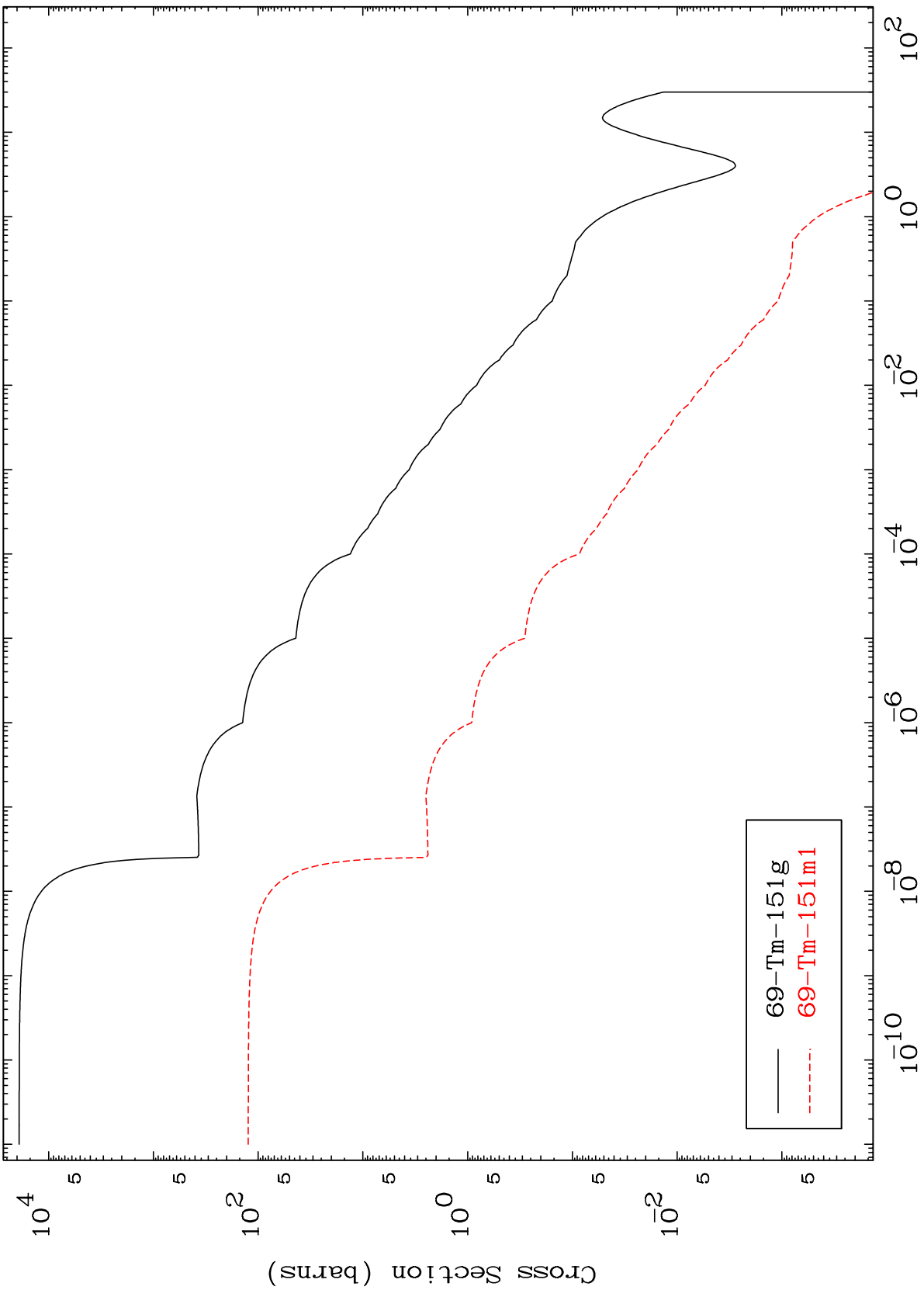


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71-Lu-154m

Radionuclide Production Cross Section

(n, α)

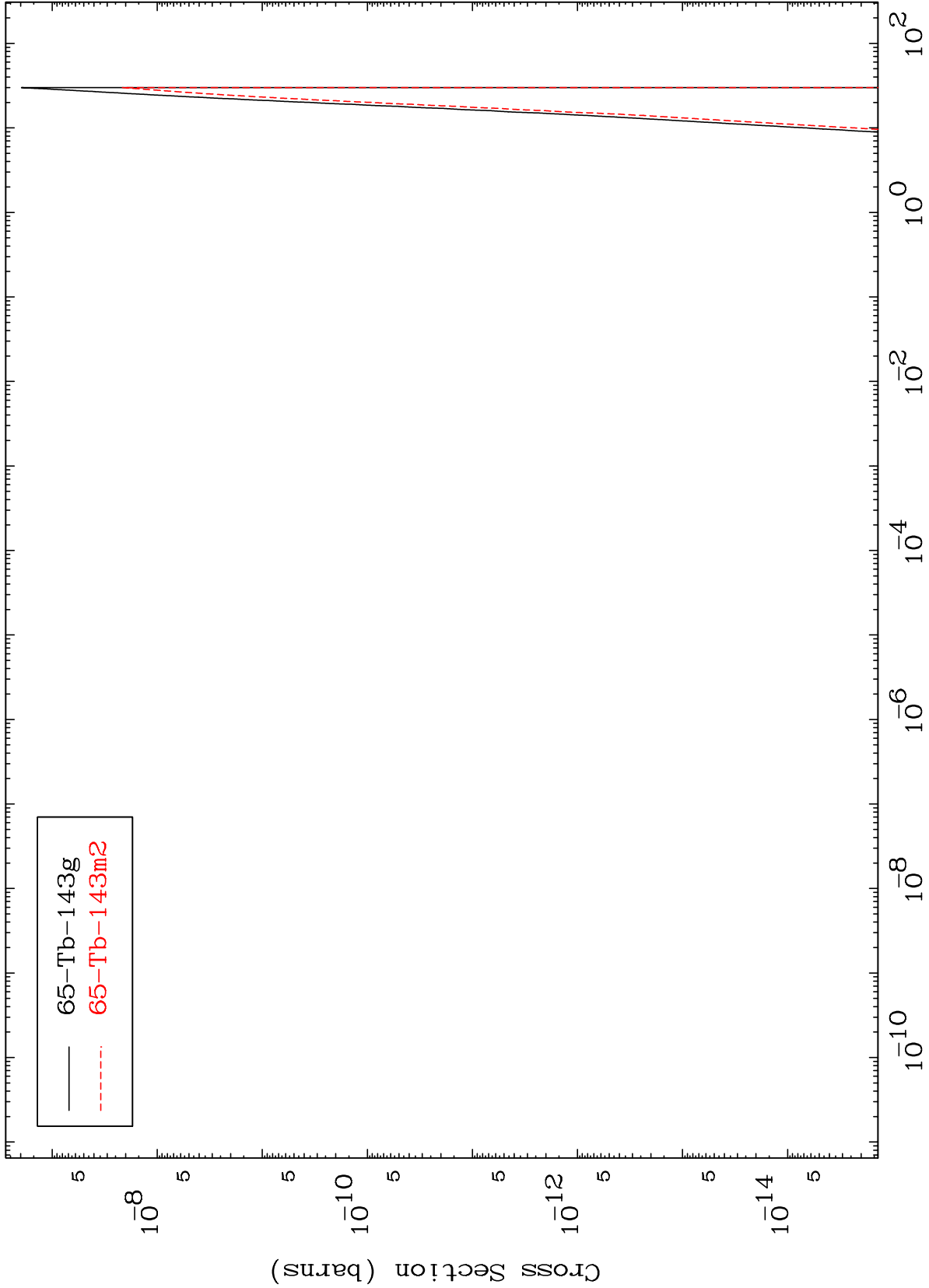


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(n, 3α)

⁷¹Lu-154m

Radionuclide Production Cross Section

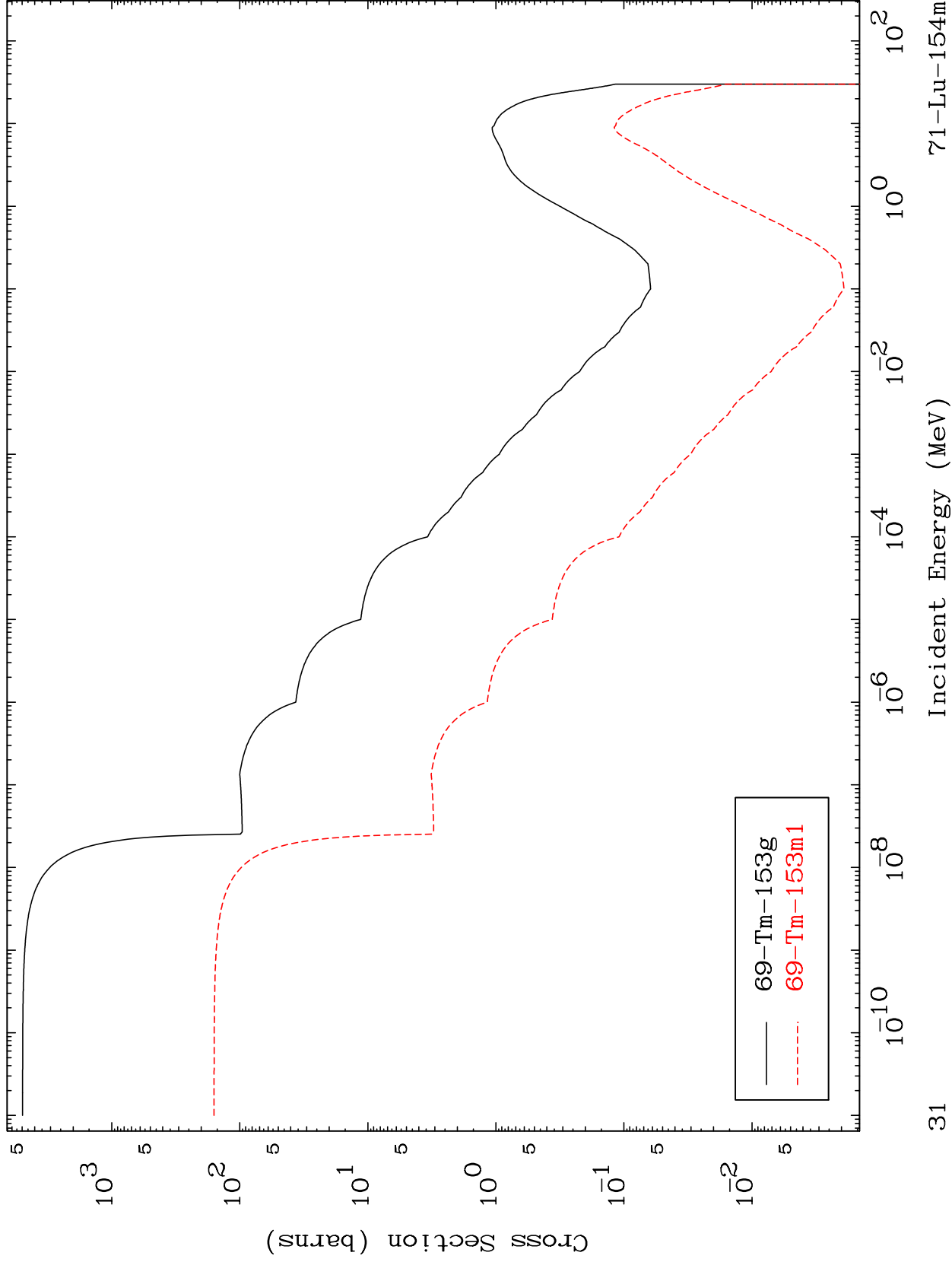


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(n,2p)

⁷¹Lu-154m

Radionuclide Production Cross Section

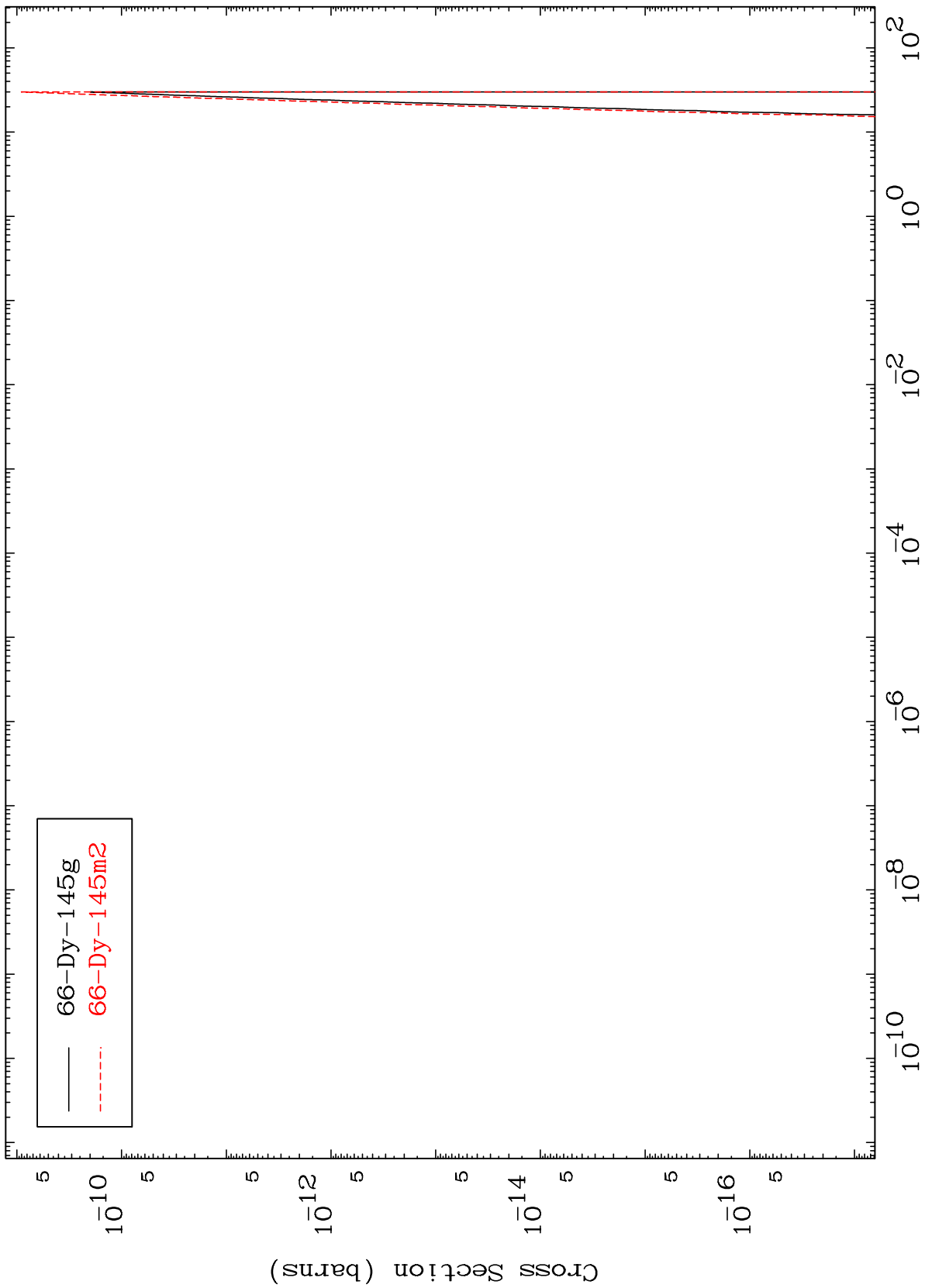
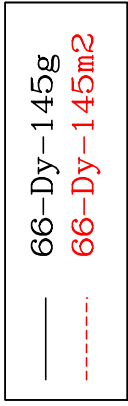


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(n,d) 2 α

⁷¹Lu-154m

Radionuclide Production Cross Section

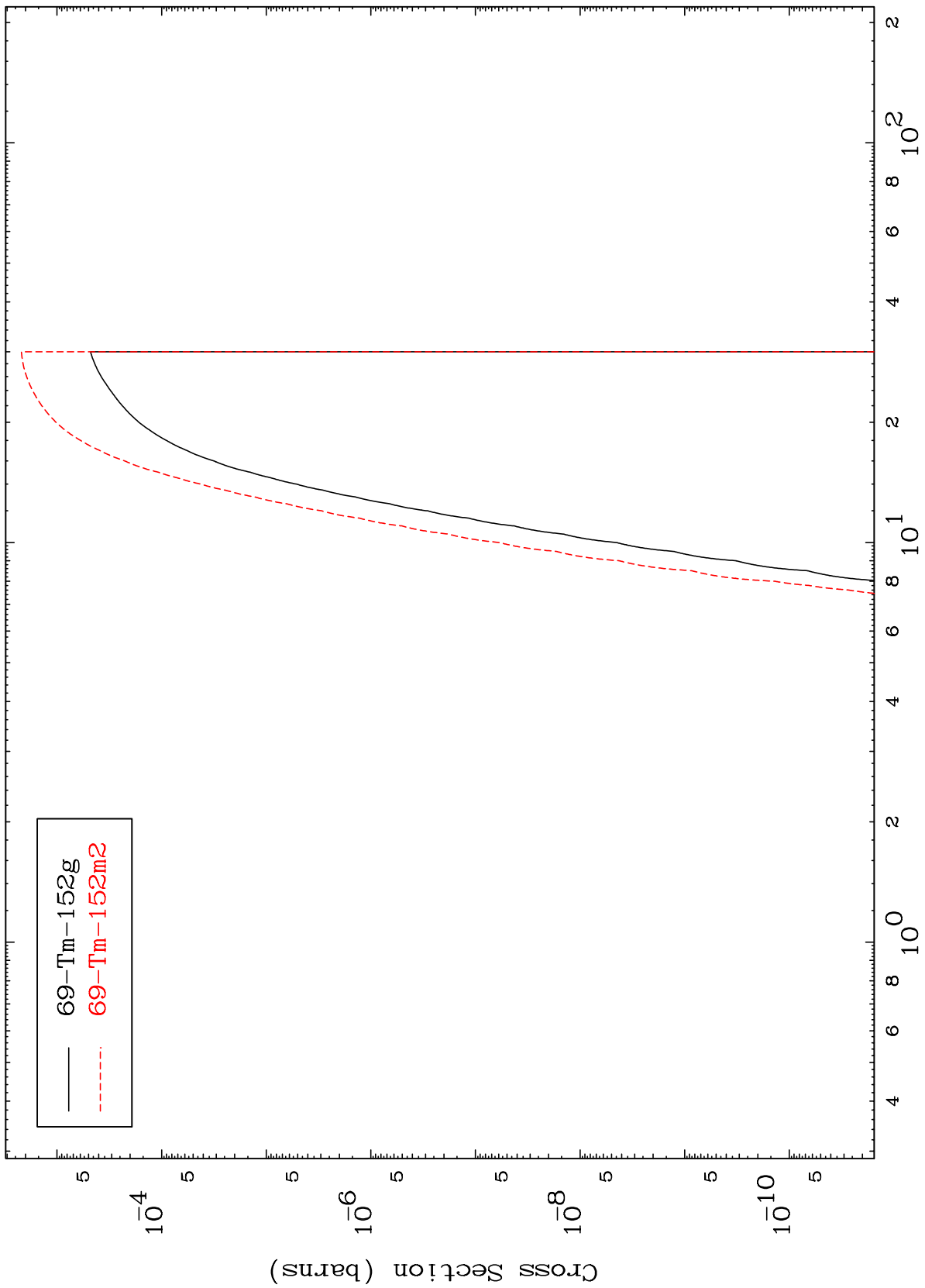


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(n,p) d

⁷¹Lu-154m

Radionuclide Production Cross Section

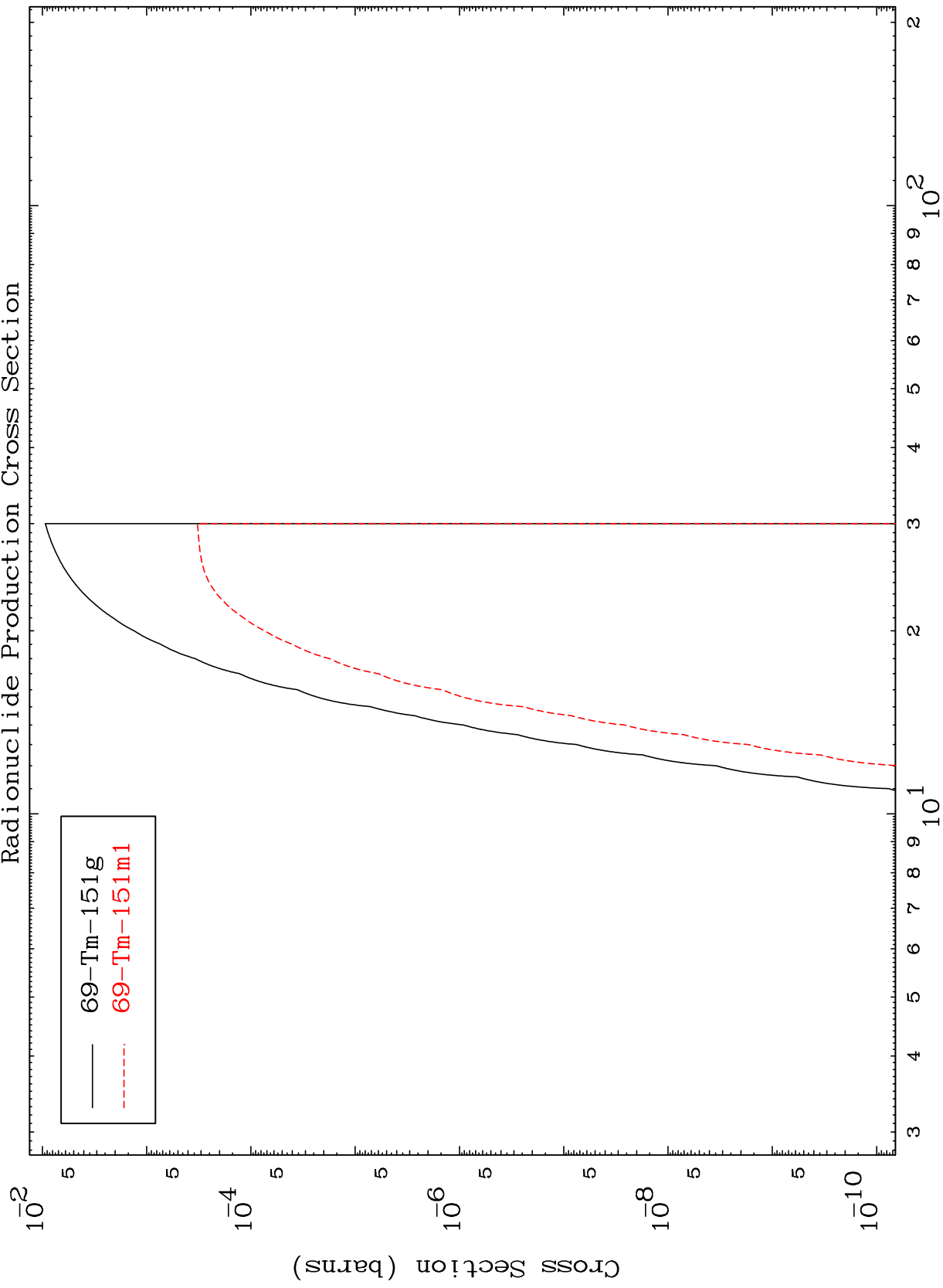


MAT 7063

(n,p) t

71-Lu-154m

Radionuclide Production Cross Section



Incident Energy (MeV)

71-Lu-154m

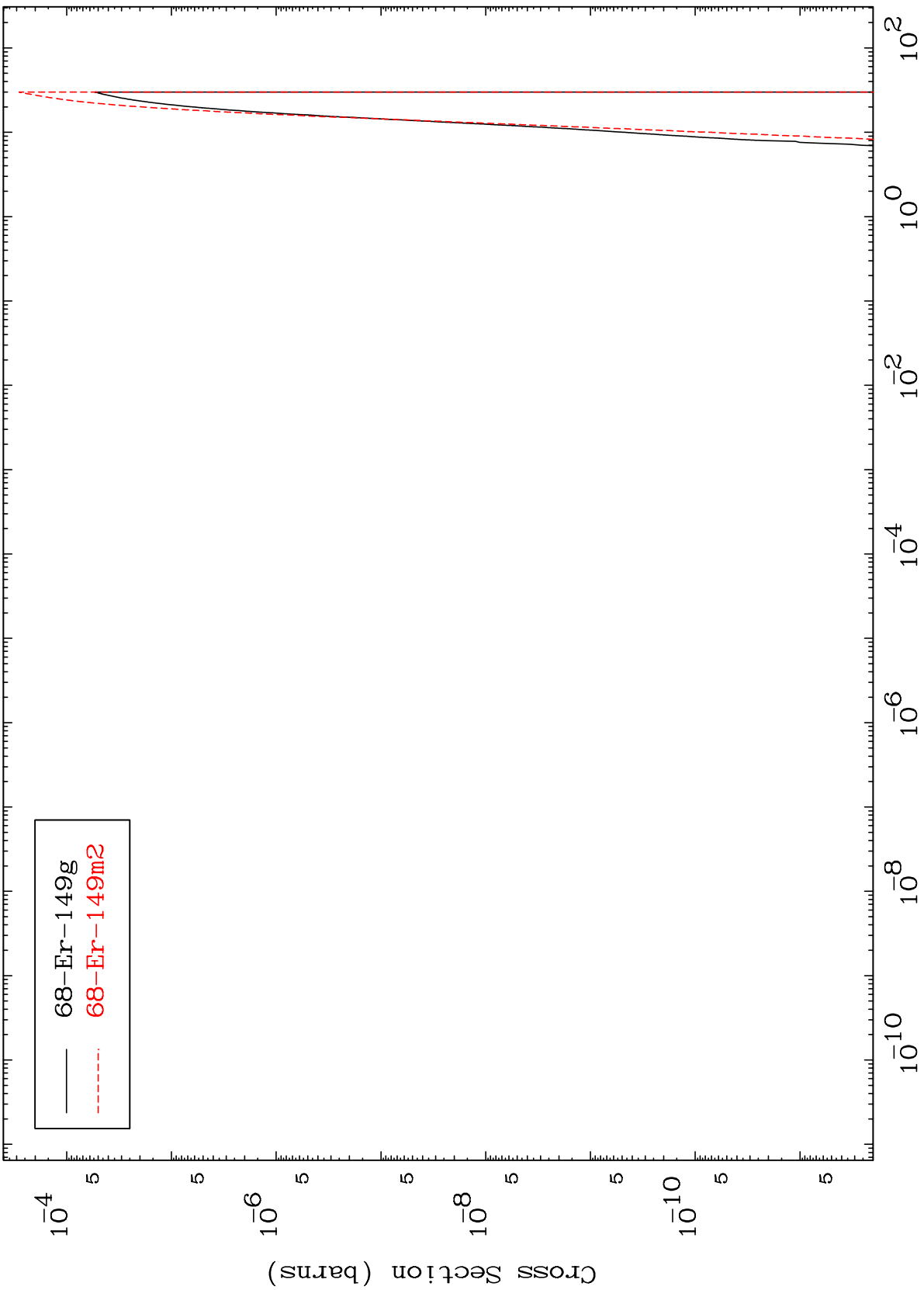
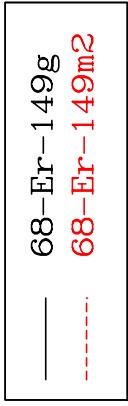
34

MAT 7063

(n,d) α

⁷¹Lu-154m

Radionuclide Production Cross Section



35

Incident Energy (MeV)

⁷¹Lu-154m