

Program EVALPLOT
(Version 2021-1)

by

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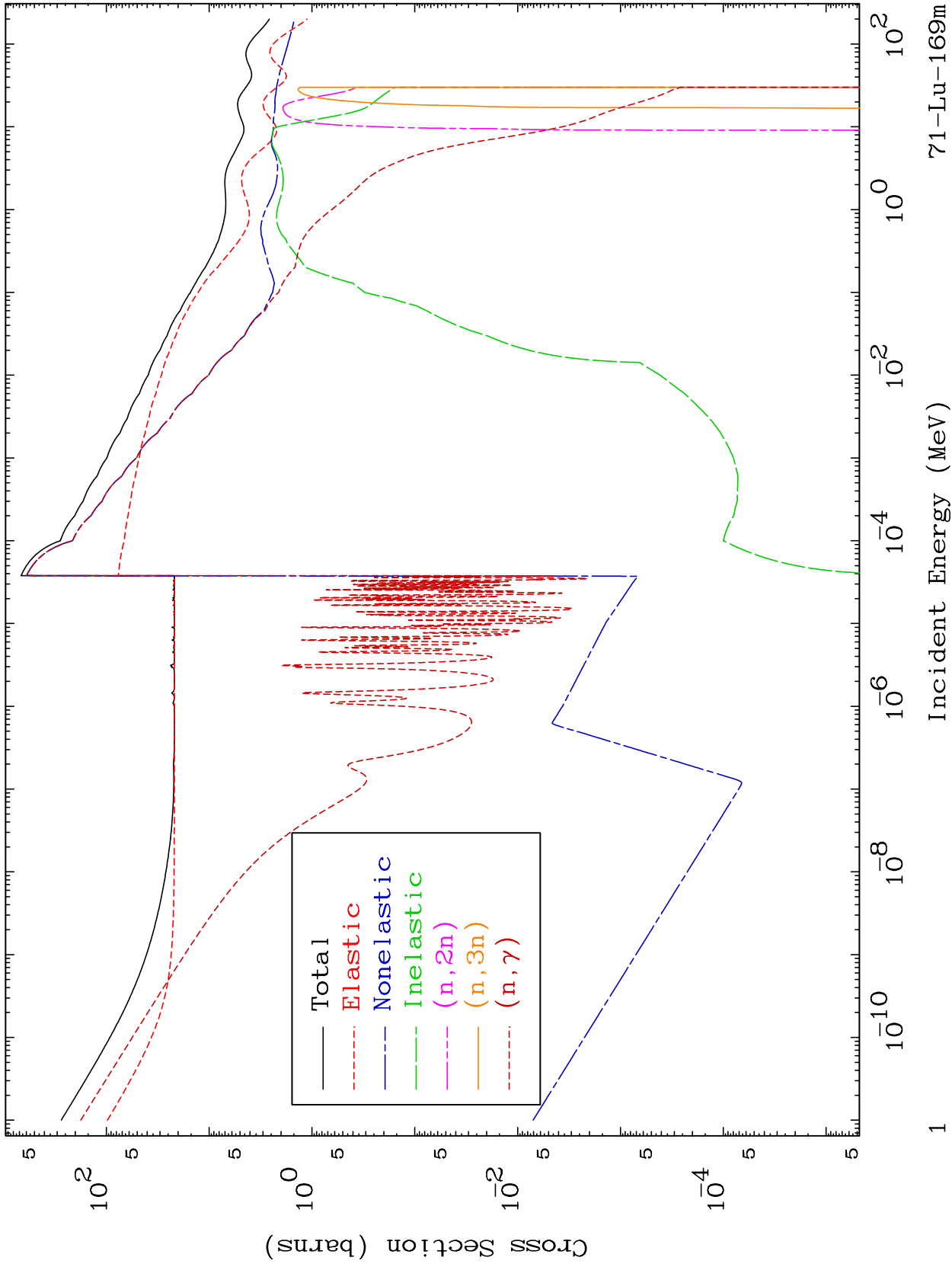
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Press Mouse Button to Start

MAT 7108

Neutron Major
293 Kelvin Cross Sections

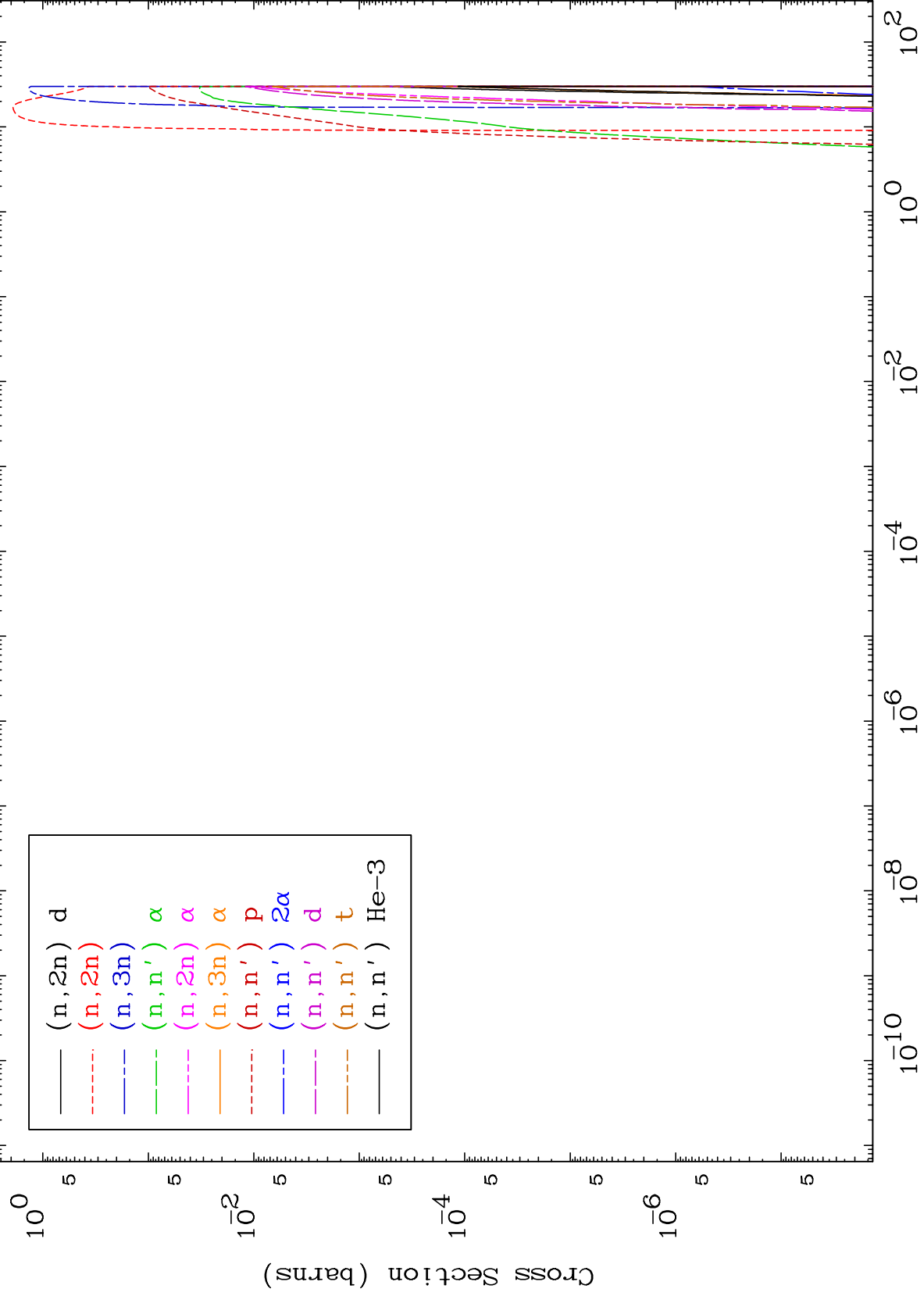
71-Lu-169m



MAT 7108

Neutron Absorption
293 Kelvin Cross Sections

⁷¹Lu-169m



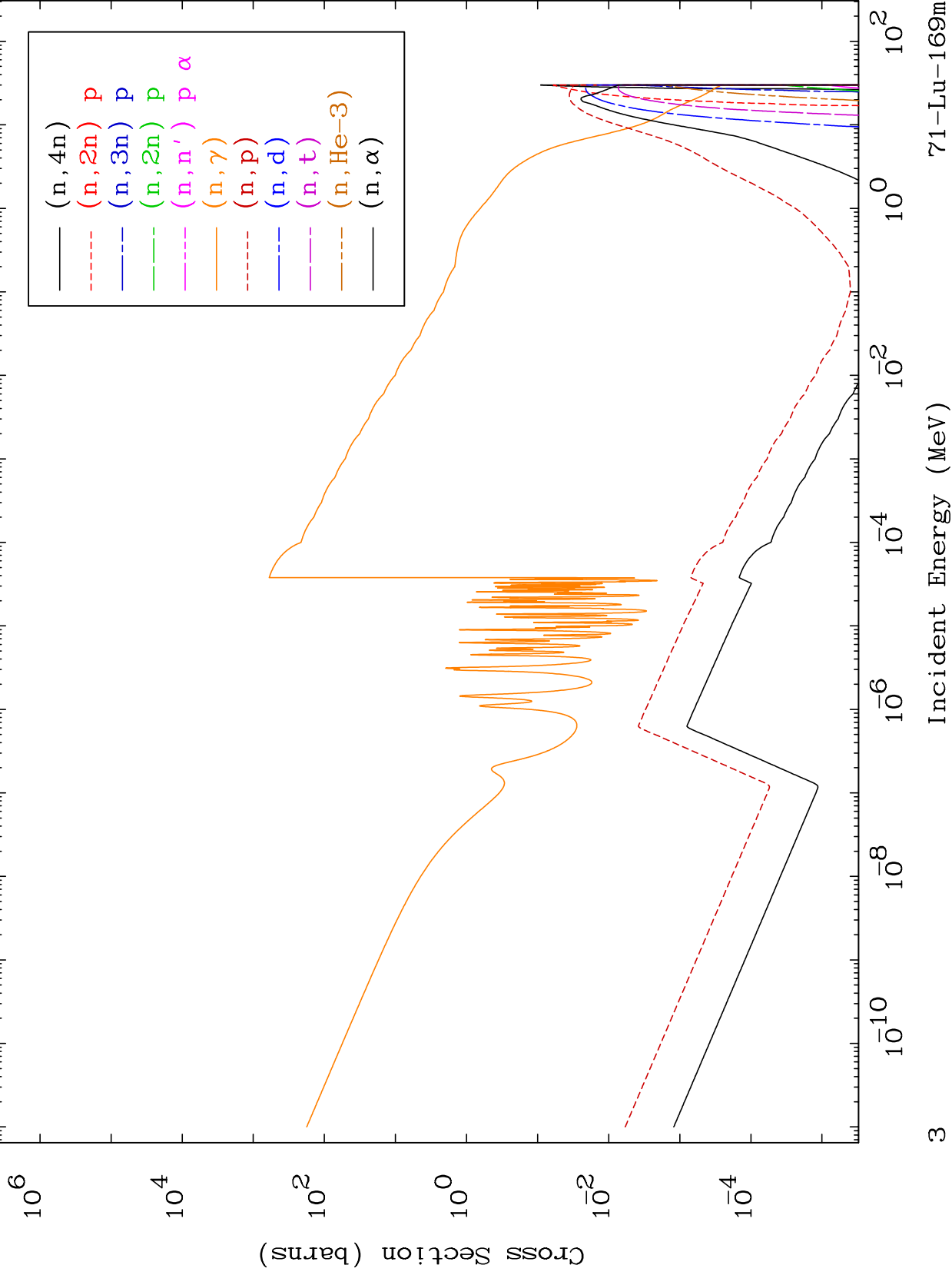
⁷¹Lu-169m

Incident Energy (MeV)

MAT 7108

Neutron Absorption
293 Kelvin Cross Sections

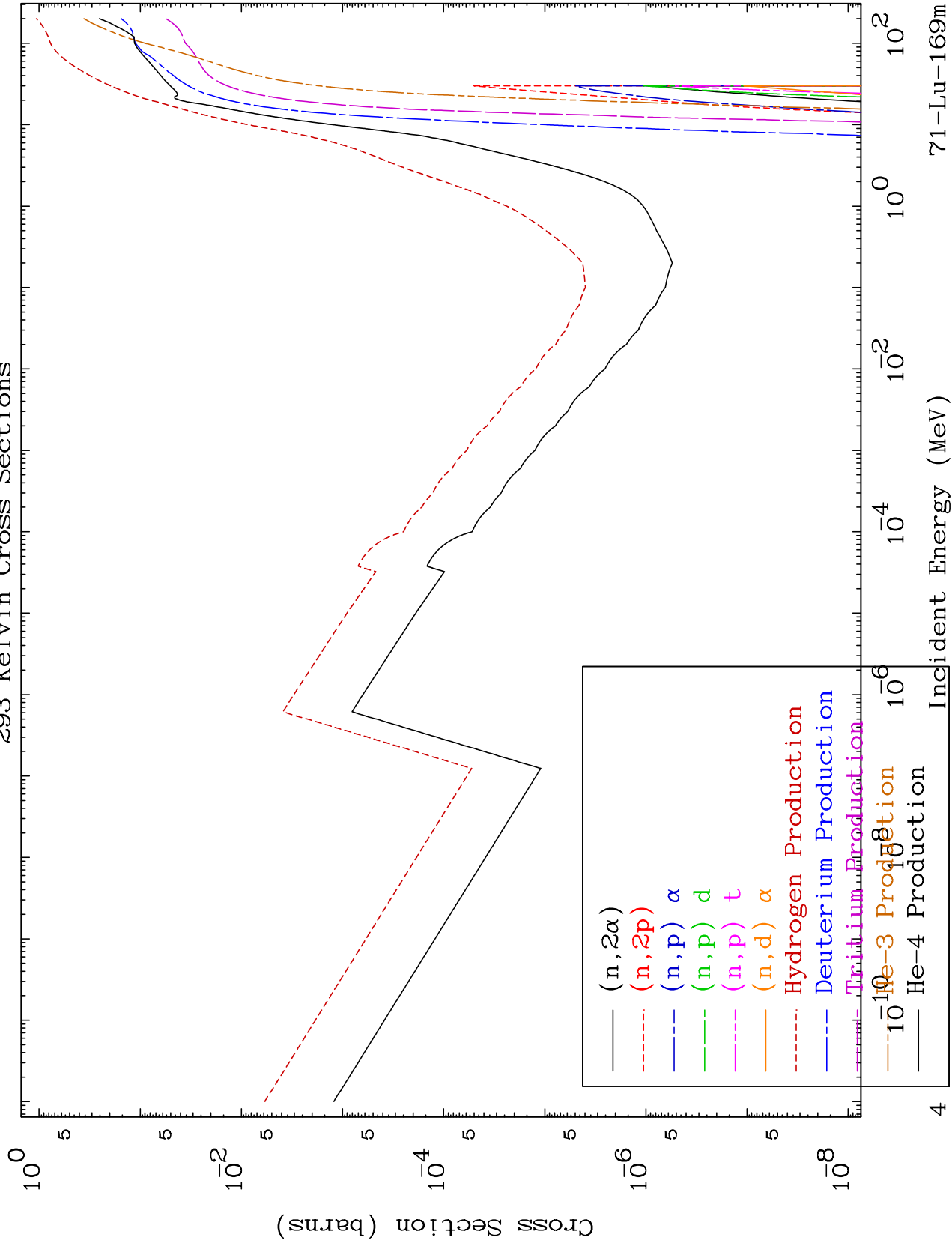
71-Lu-169m



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Neutron Absorption
293 Kelvin Cross Sections

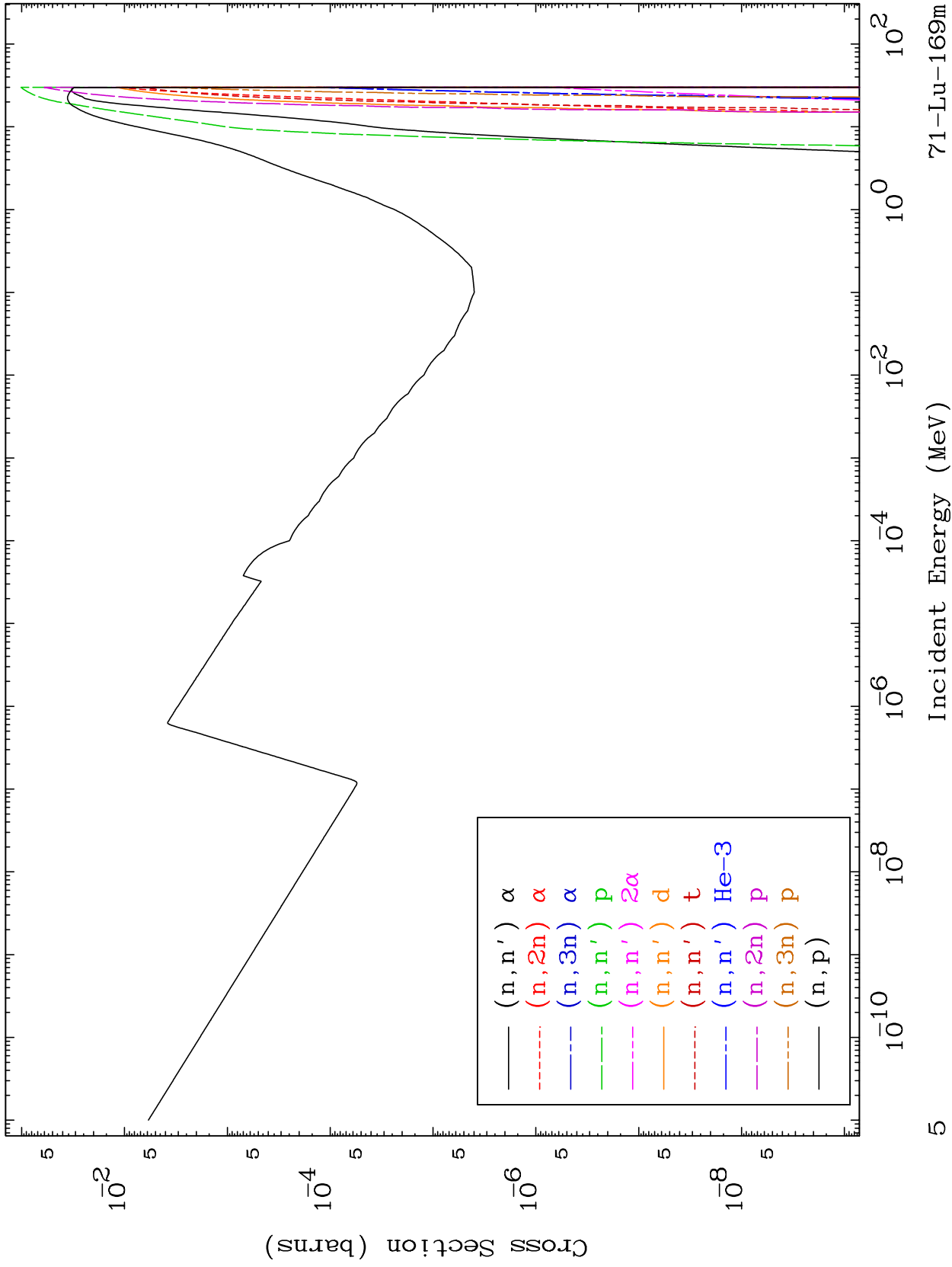
71-Lu-169m



MAT 7108

Charged Particle
293 Kelvin Cross Sections

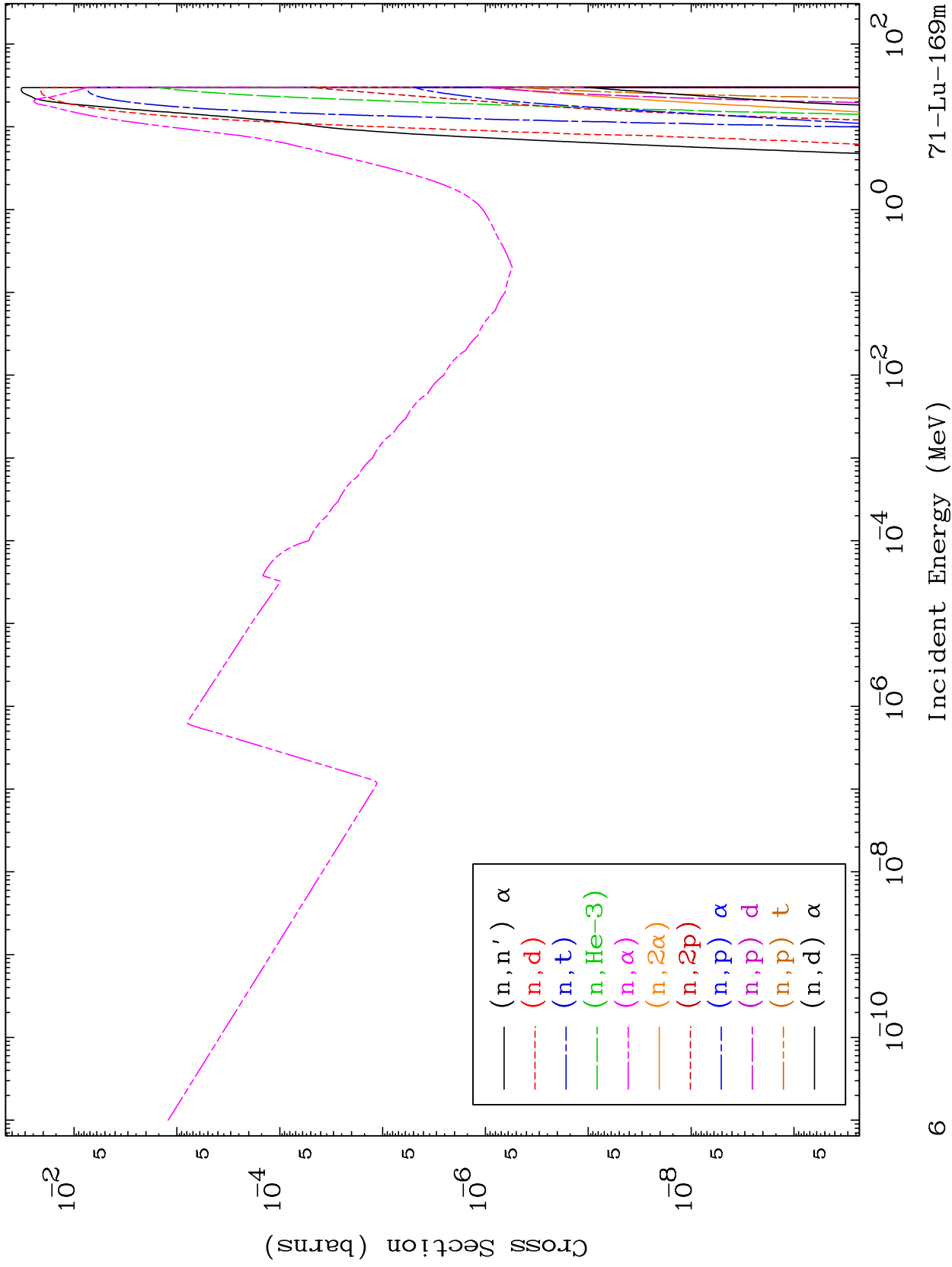
71-Lu-169m



MAT 7108

Charged Particle
293 Kelvin Cross Sections

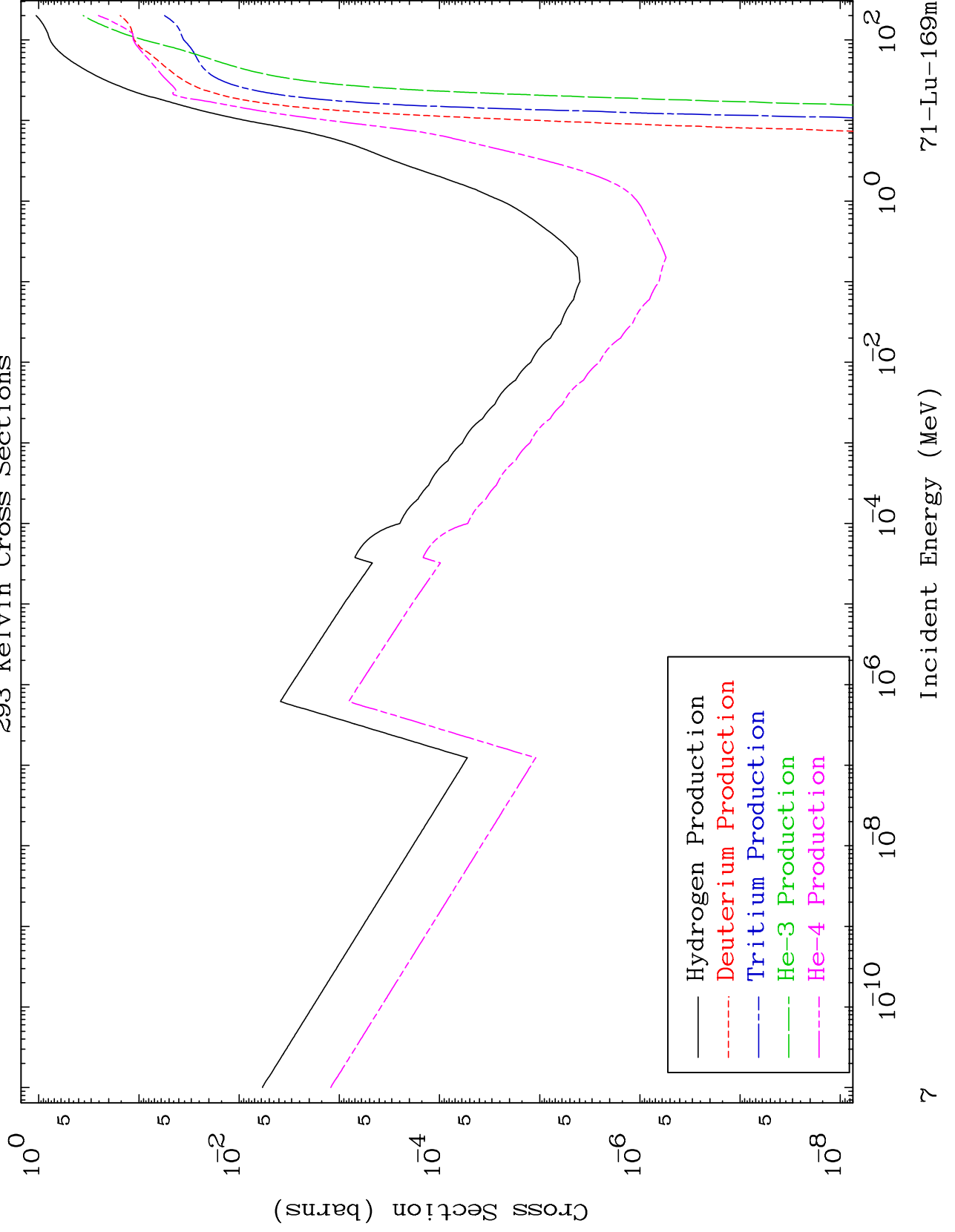
71-Lu-169m



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Particle Production
293 Kelvin Cross Sections

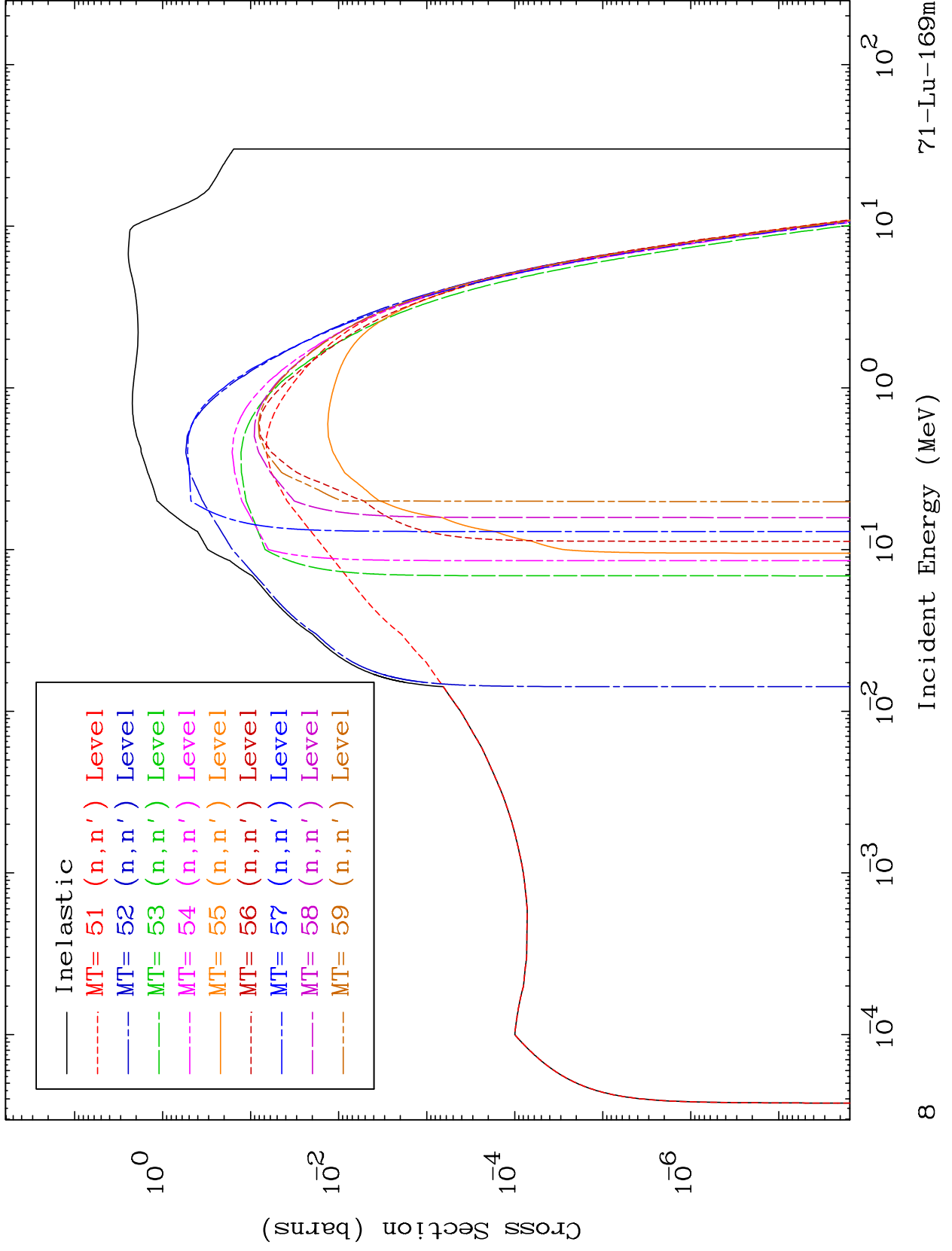
71-Lu-169m



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293 Kelvin Cross Sections
(n,n') Levels

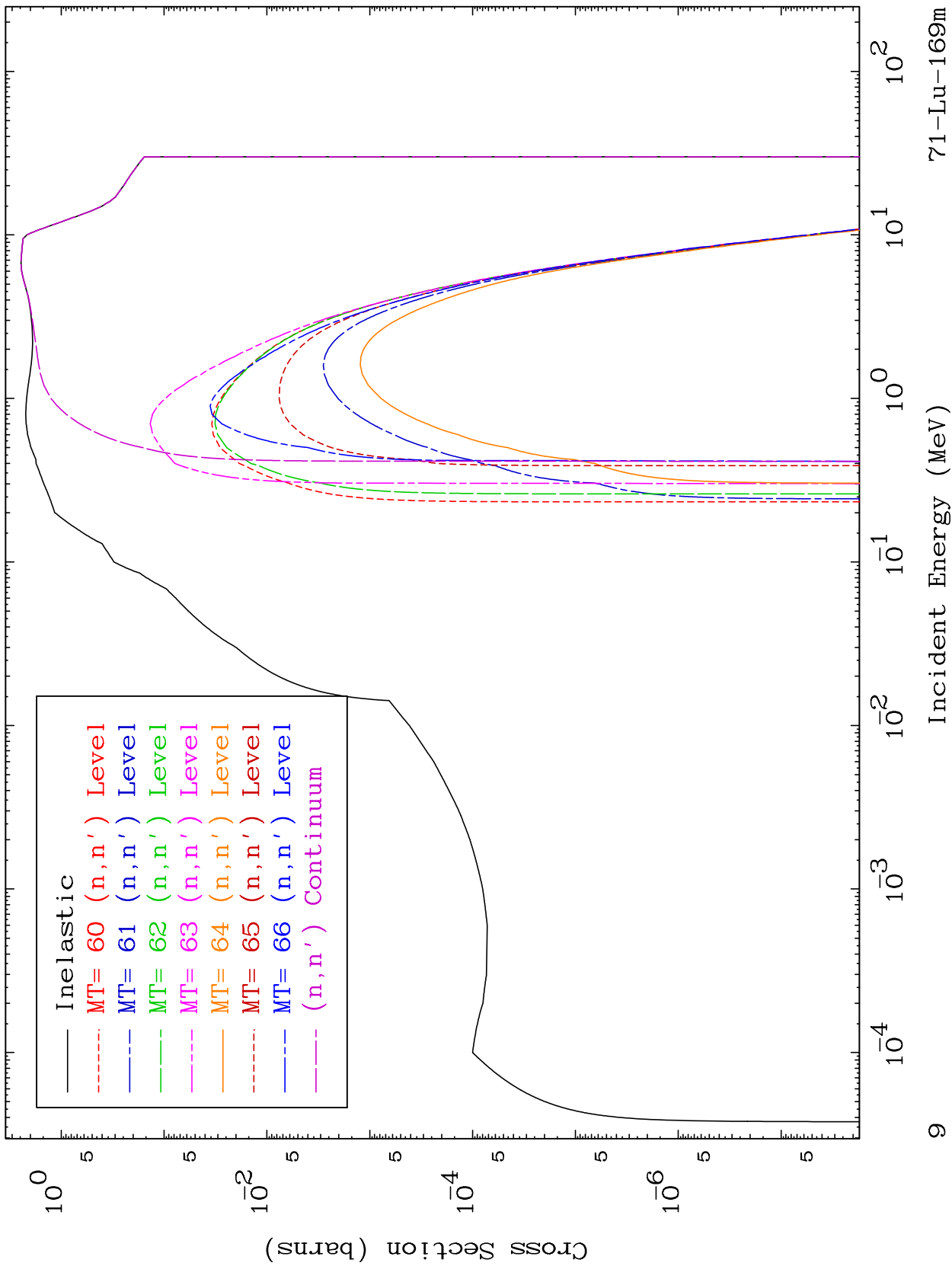
71-Lu-169m



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293 Kelvin Cross Sections
(n,n') Levels

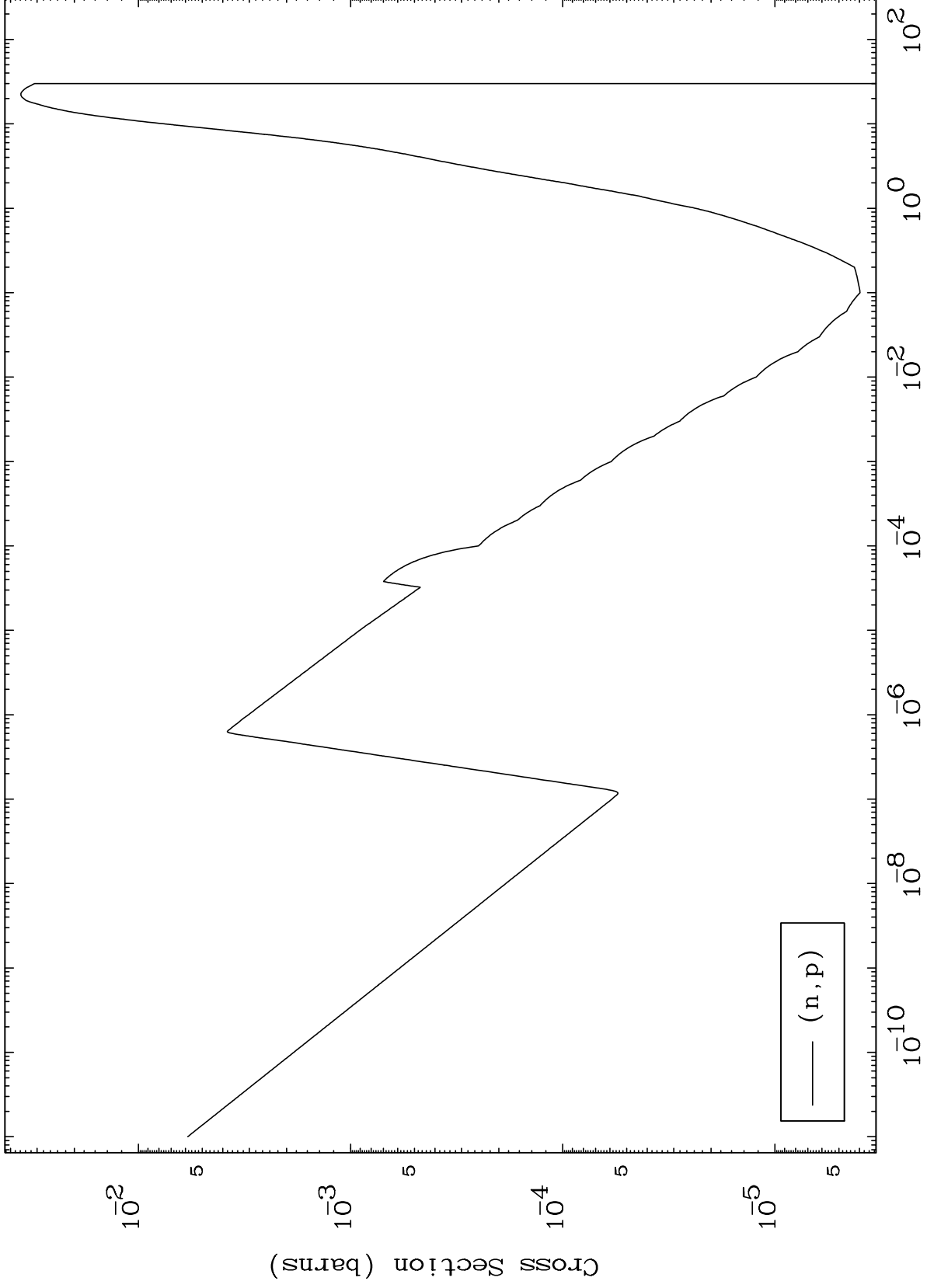
71-Lu-169m



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(n,p) Levels
293 Kelvin Cross Sections

71-Lu-169m



10

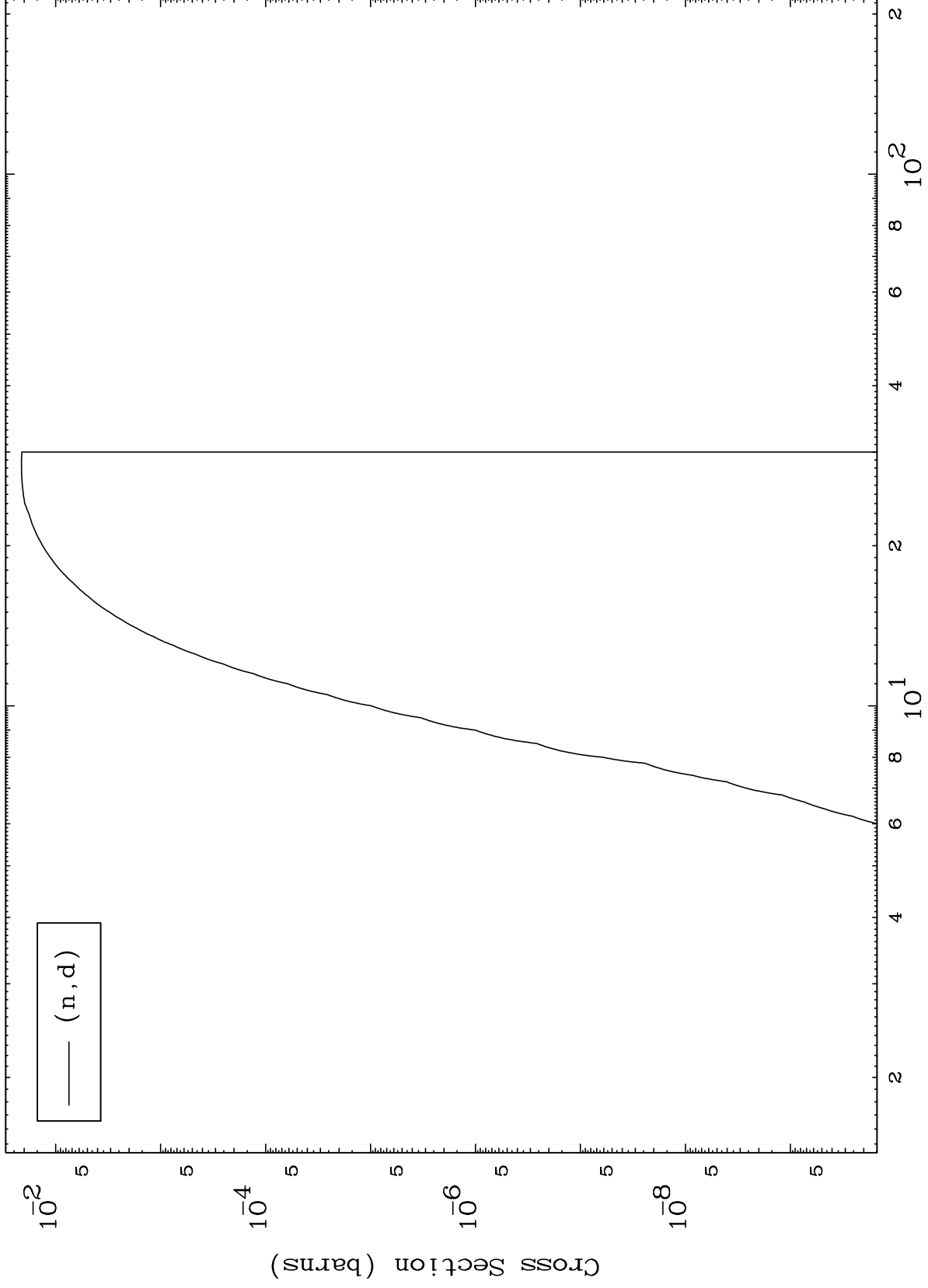
Incident Energy (MeV)

71-Lu-169m

MAT 7108

(n,d) Levels
293 Kelvin Cross Sections

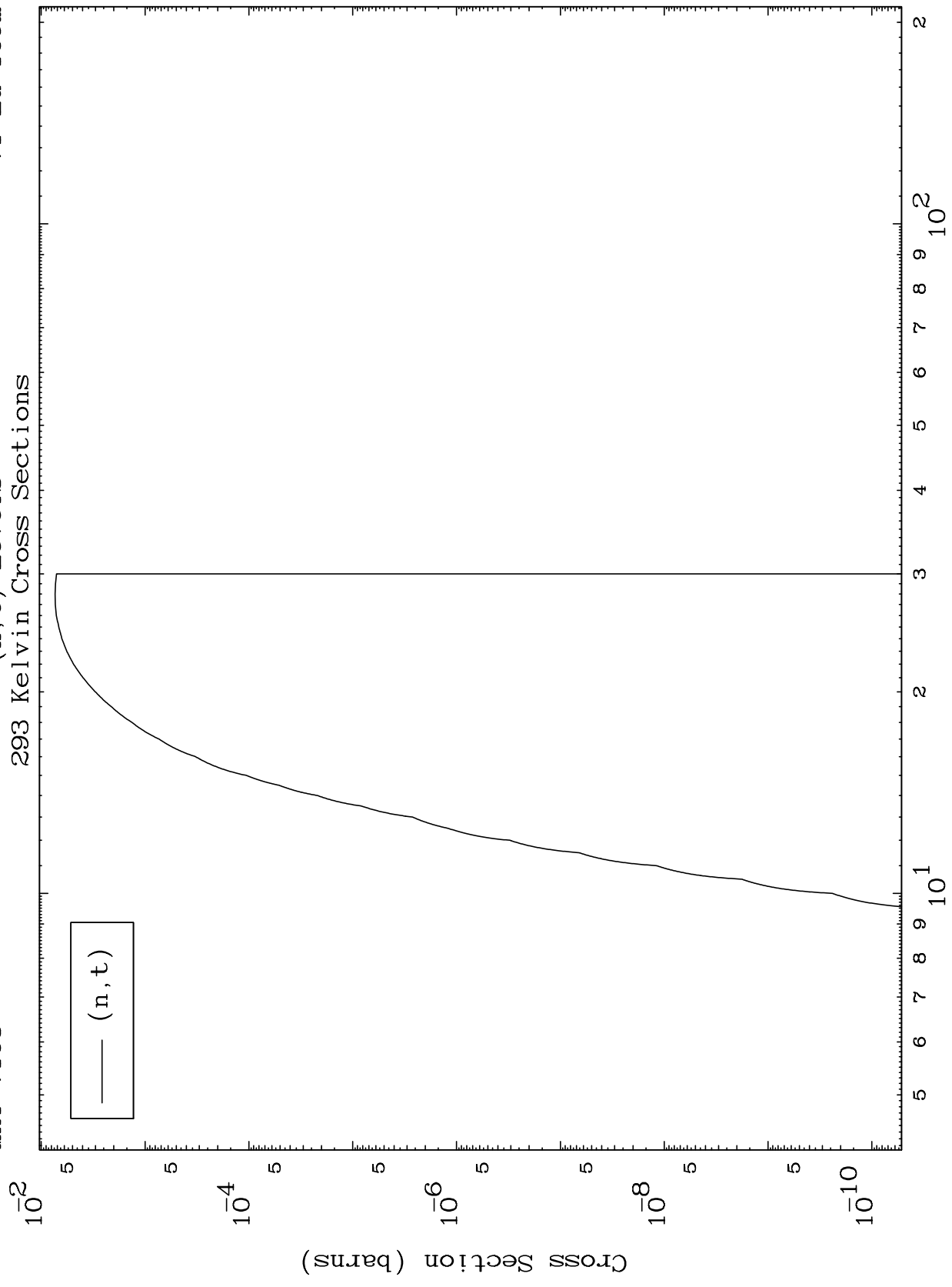
71-Lu-169m



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(n,t) Levels
293 Kelvin Cross Sections

71-Lu-169m



12

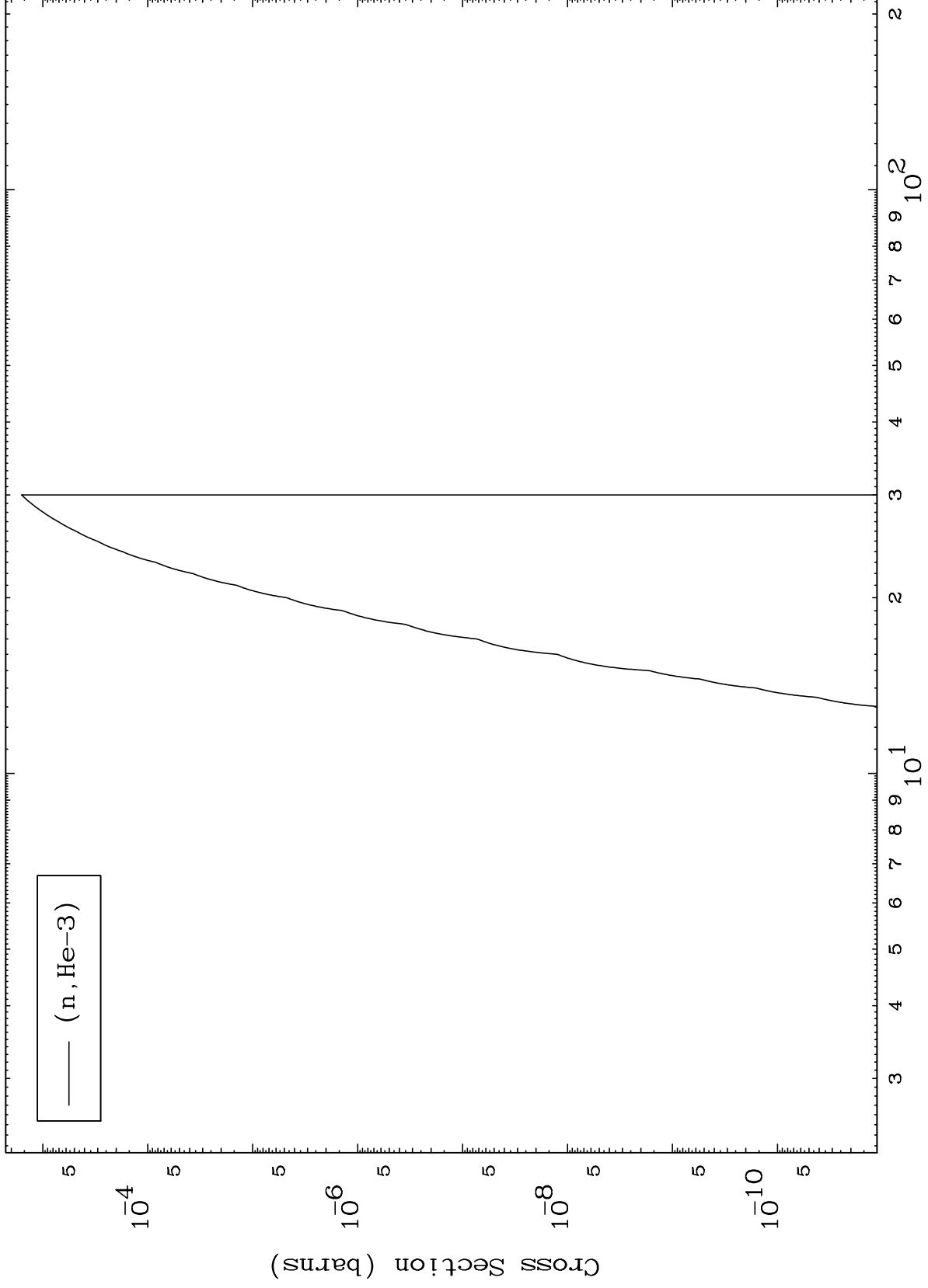
Incident Energy (MeV)

71-Lu-169m

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(n,He3) Levels
293 Kelvin Cross Sections

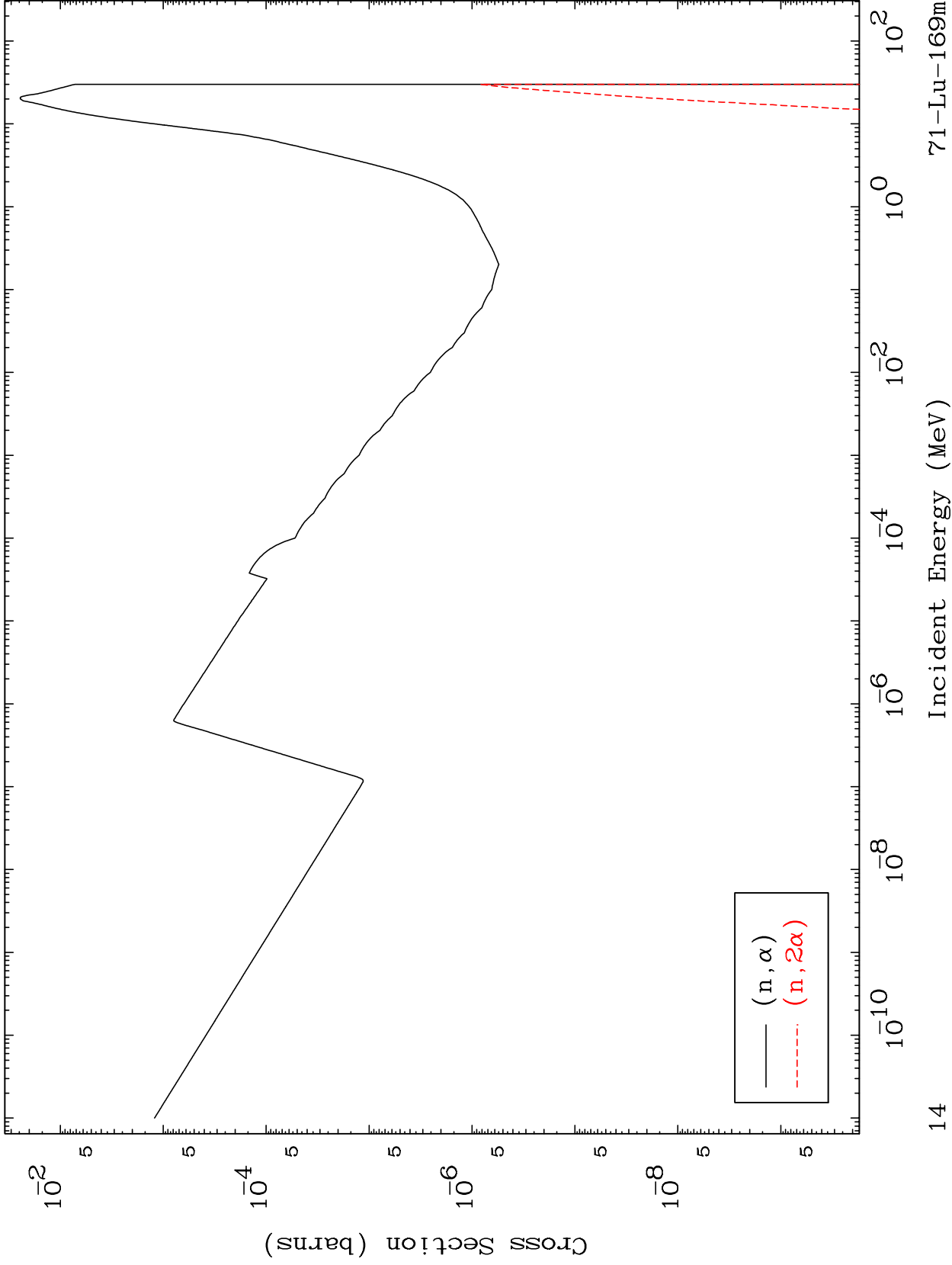
71-Lu-169m



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(n,α) Levels
293 Kelvin Cross Sections

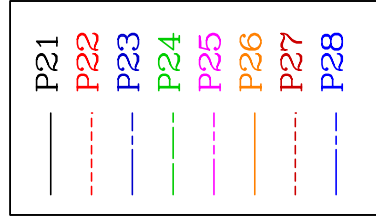
71-Lu-169m



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Elastic
Legendre Coefficients

71-Lu-169m



$\times 10^{-6}$

Legendre (CM)

4

3

2

1

0

15

20

25

30

17

Incident Energy (MeV)

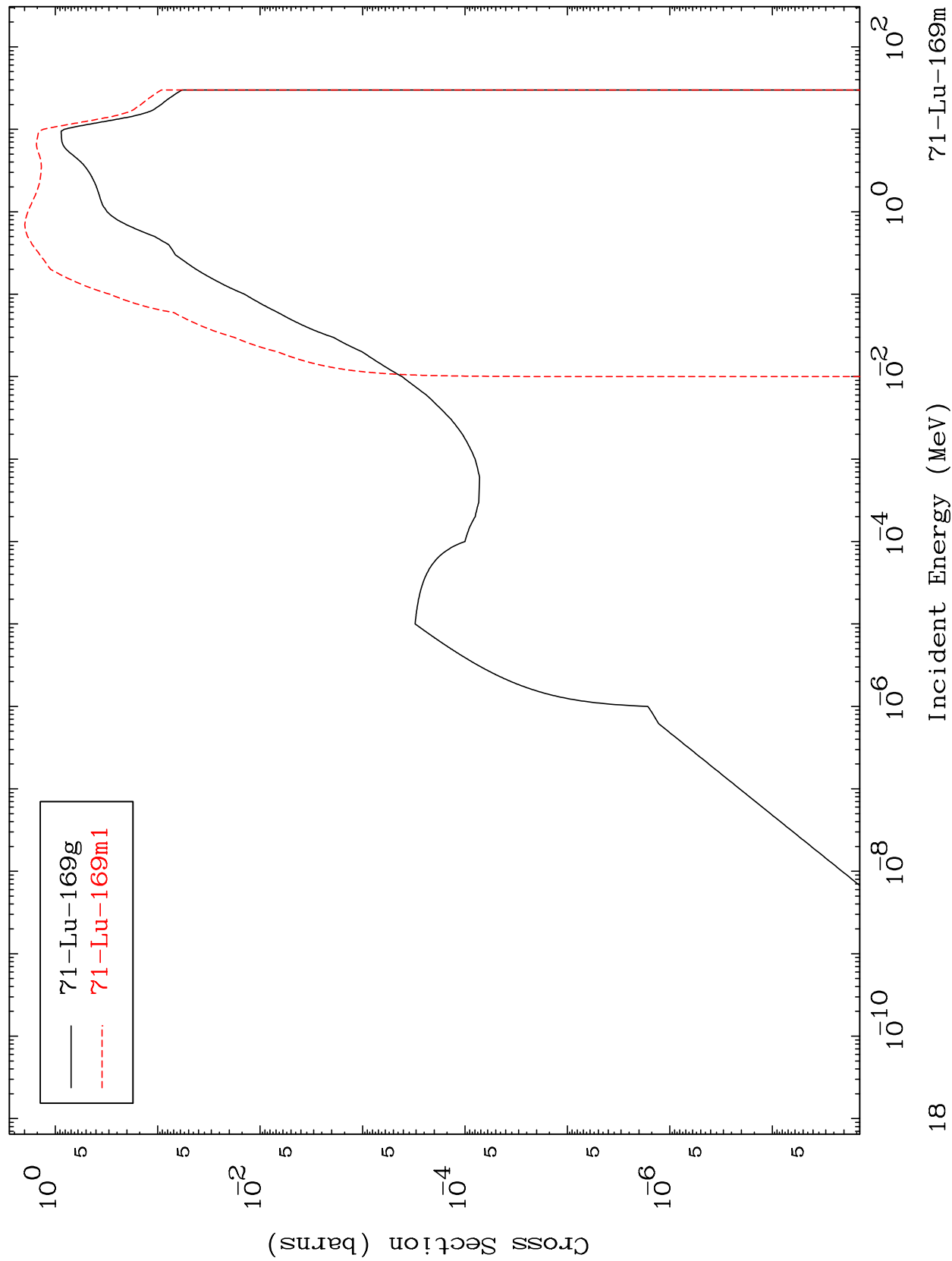
71-Lu-169m



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⁷¹Lu-169m

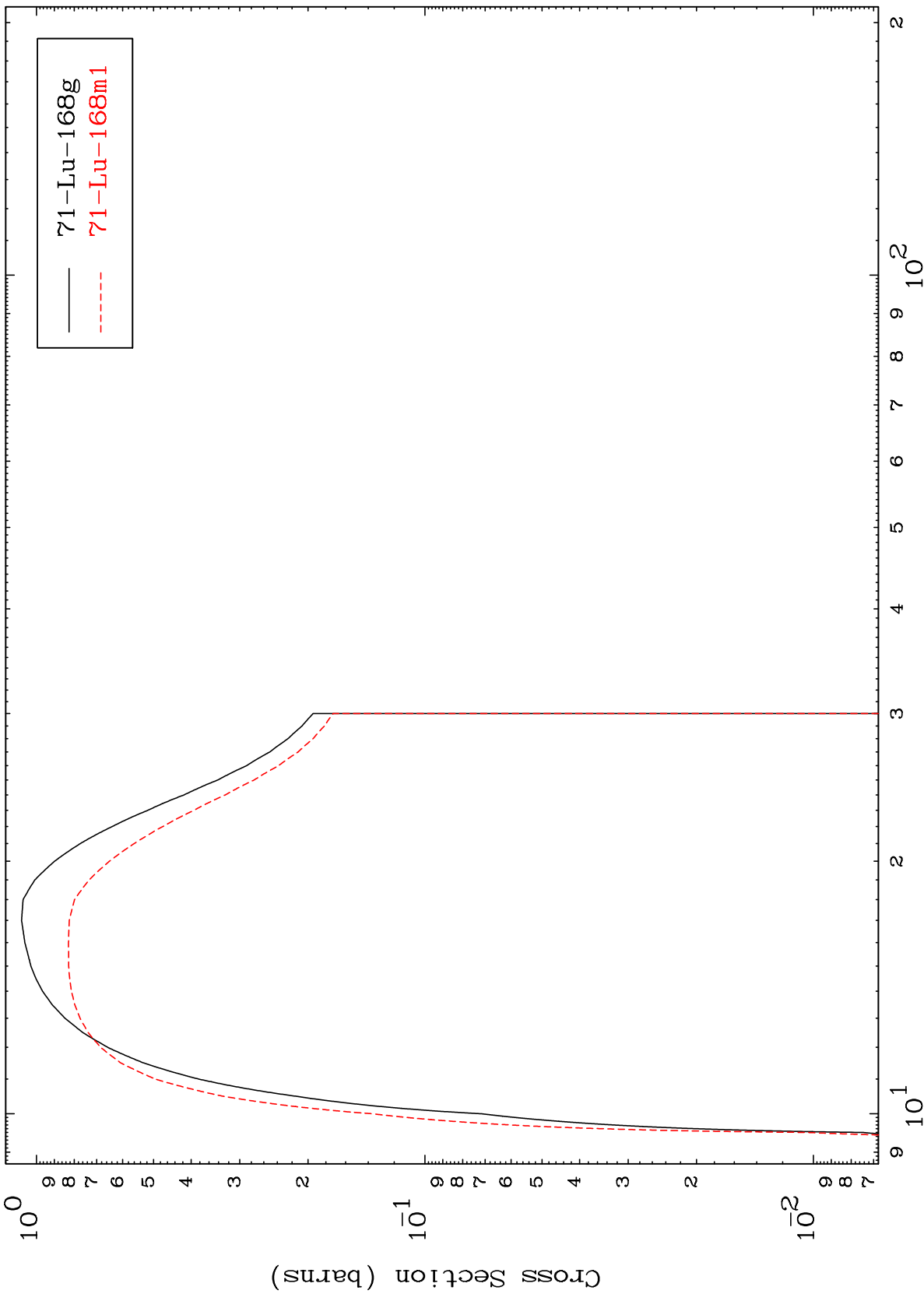
Inelastic
Radionuclide Production Cross Section



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⁷¹Lu-169m

(n,2n)
Radionuclide Production Cross Section



⁷¹Lu-168g
⁷¹Lu-168m1

⁷¹Lu-169m

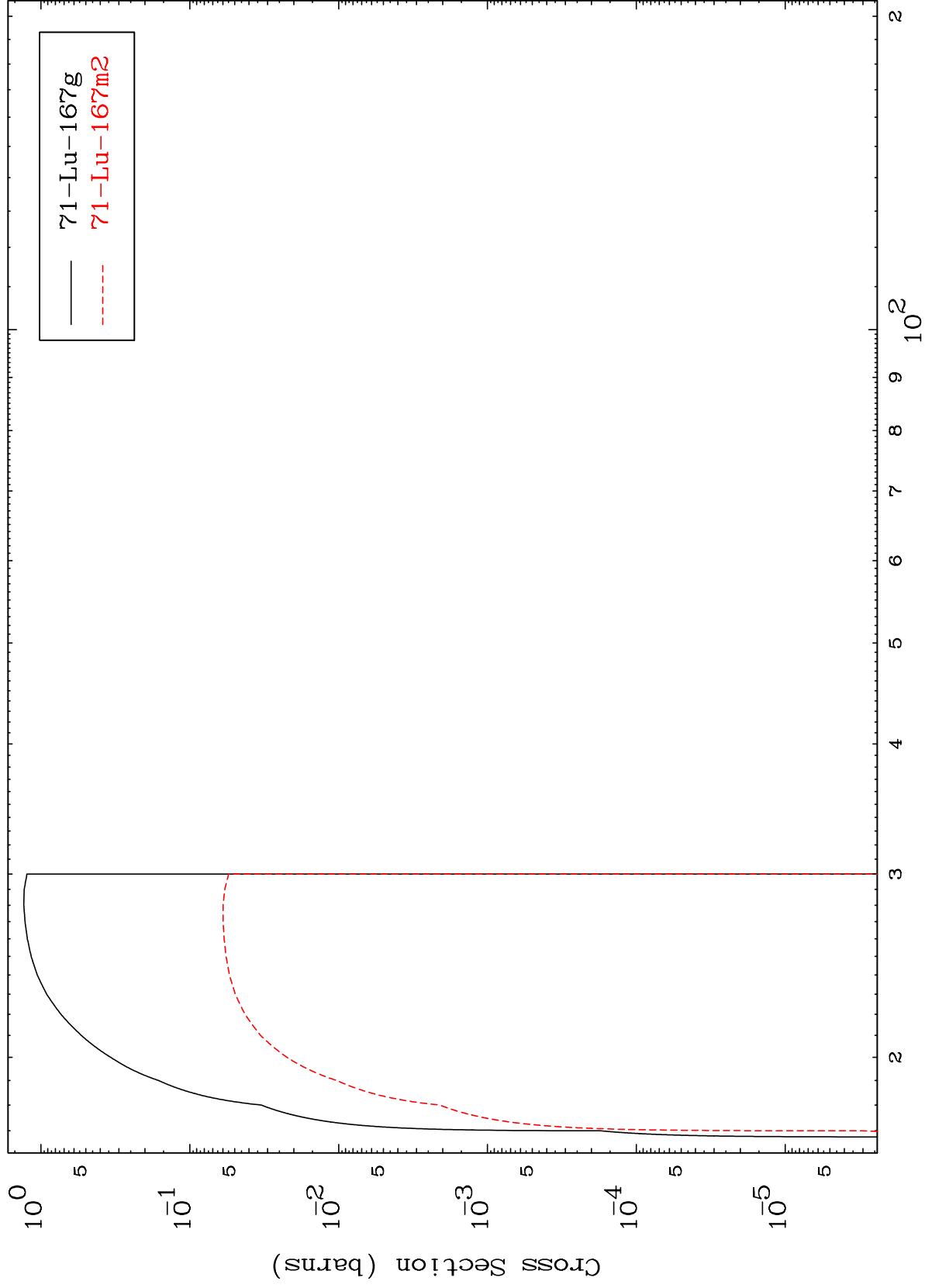
Incident Energy (MeV)

19

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⁷¹Lu-169m

(n,3n)
Radionuclide Production Cross Section



⁷¹Lu-169m

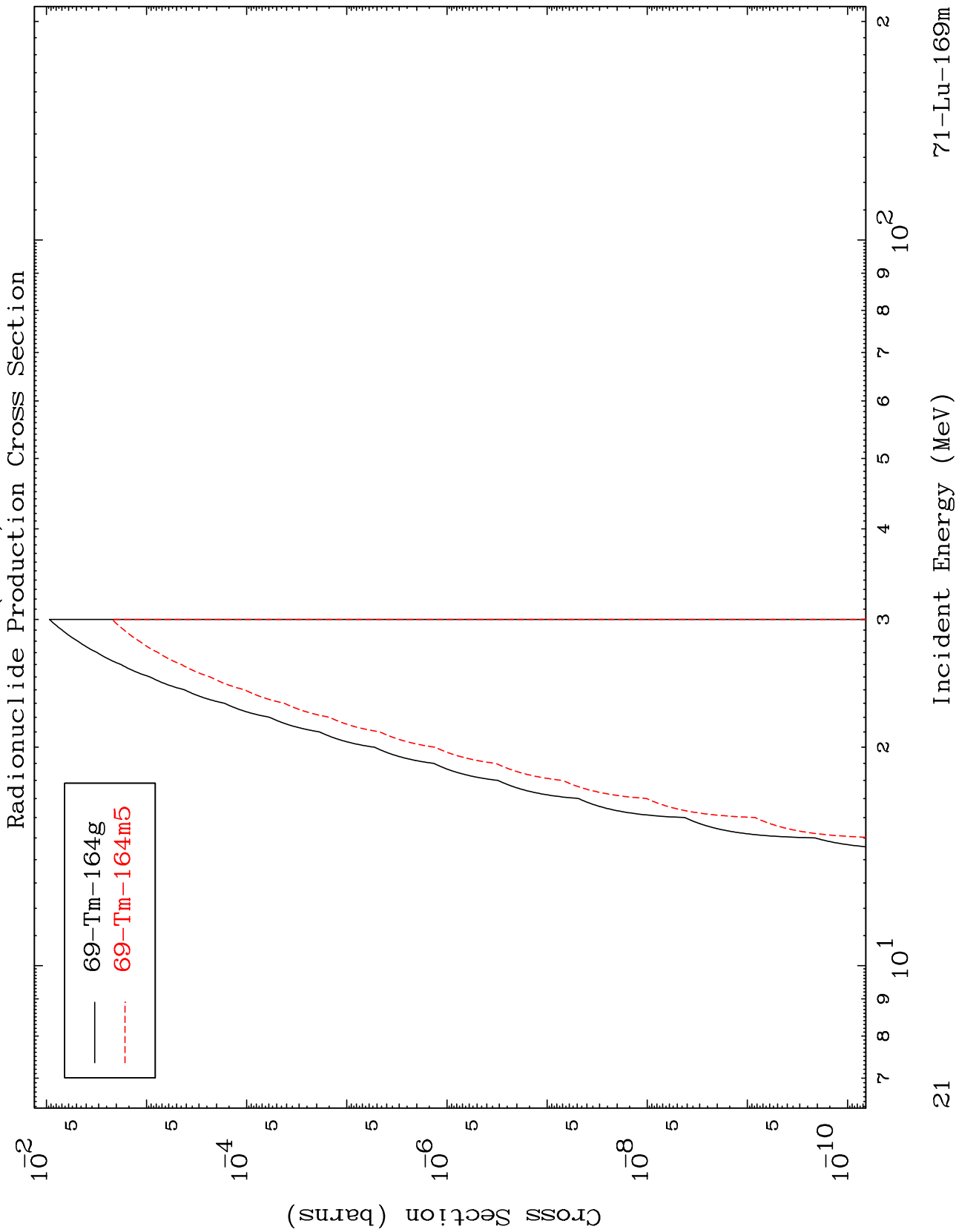
Incident Energy (MeV)

20

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$(n,2n) \alpha$

$^{71}\text{Lu}-169\text{m}$

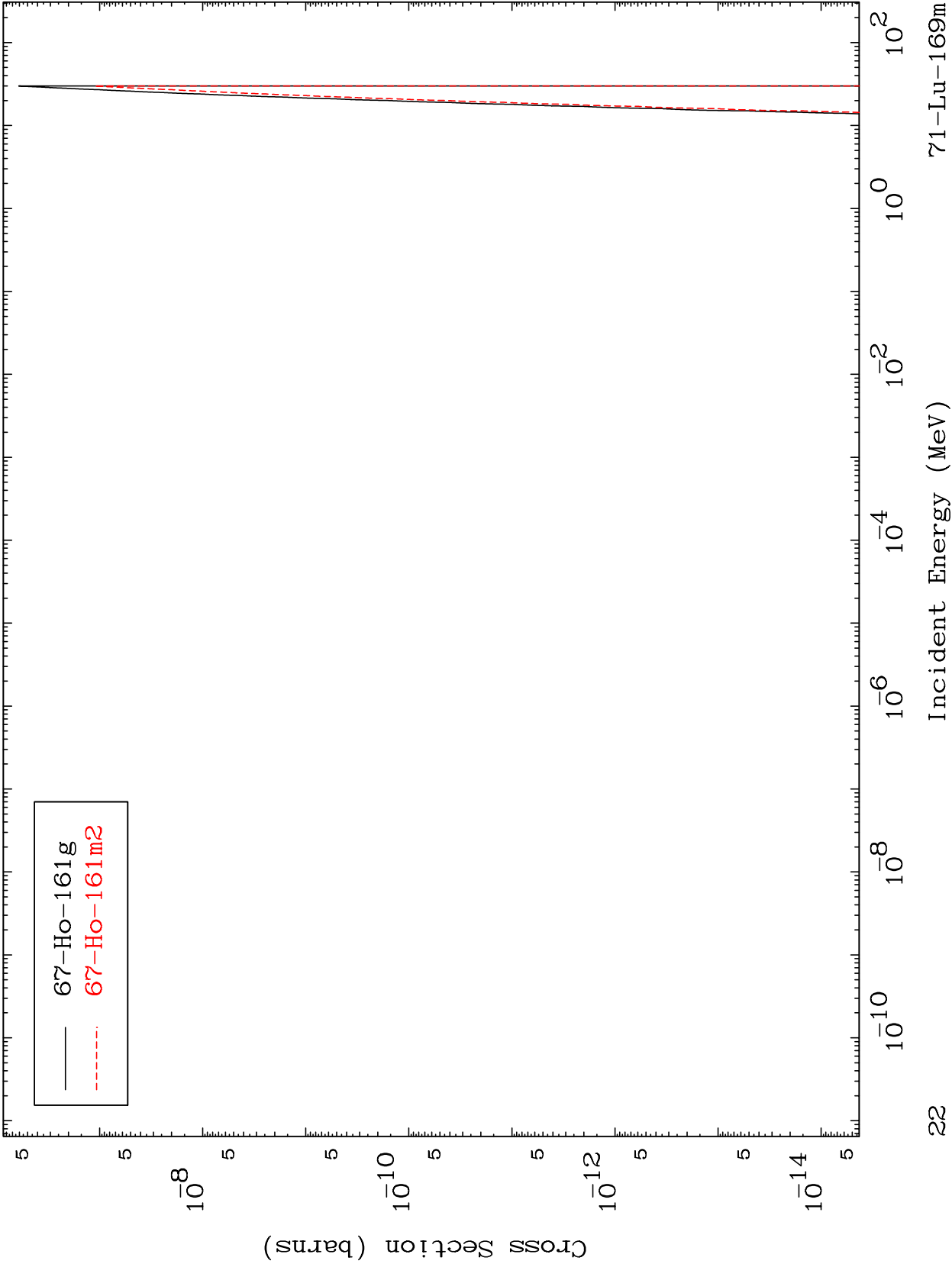


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(n,n') 2α

71-Lu-169m

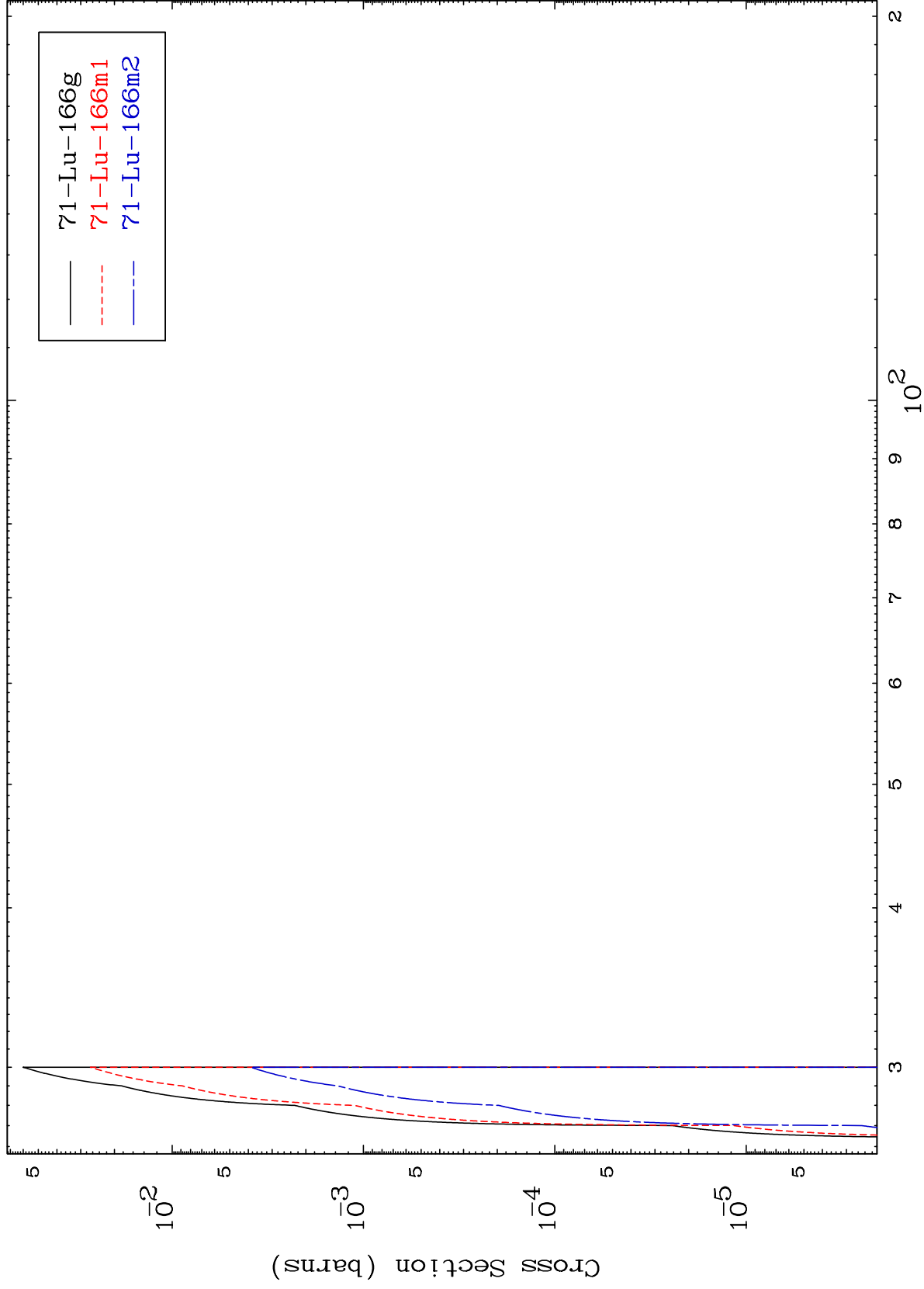
Radionuclide Production Cross Section



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⁷¹Lu-169m

(n,4n)
Radionuclide Production Cross Section



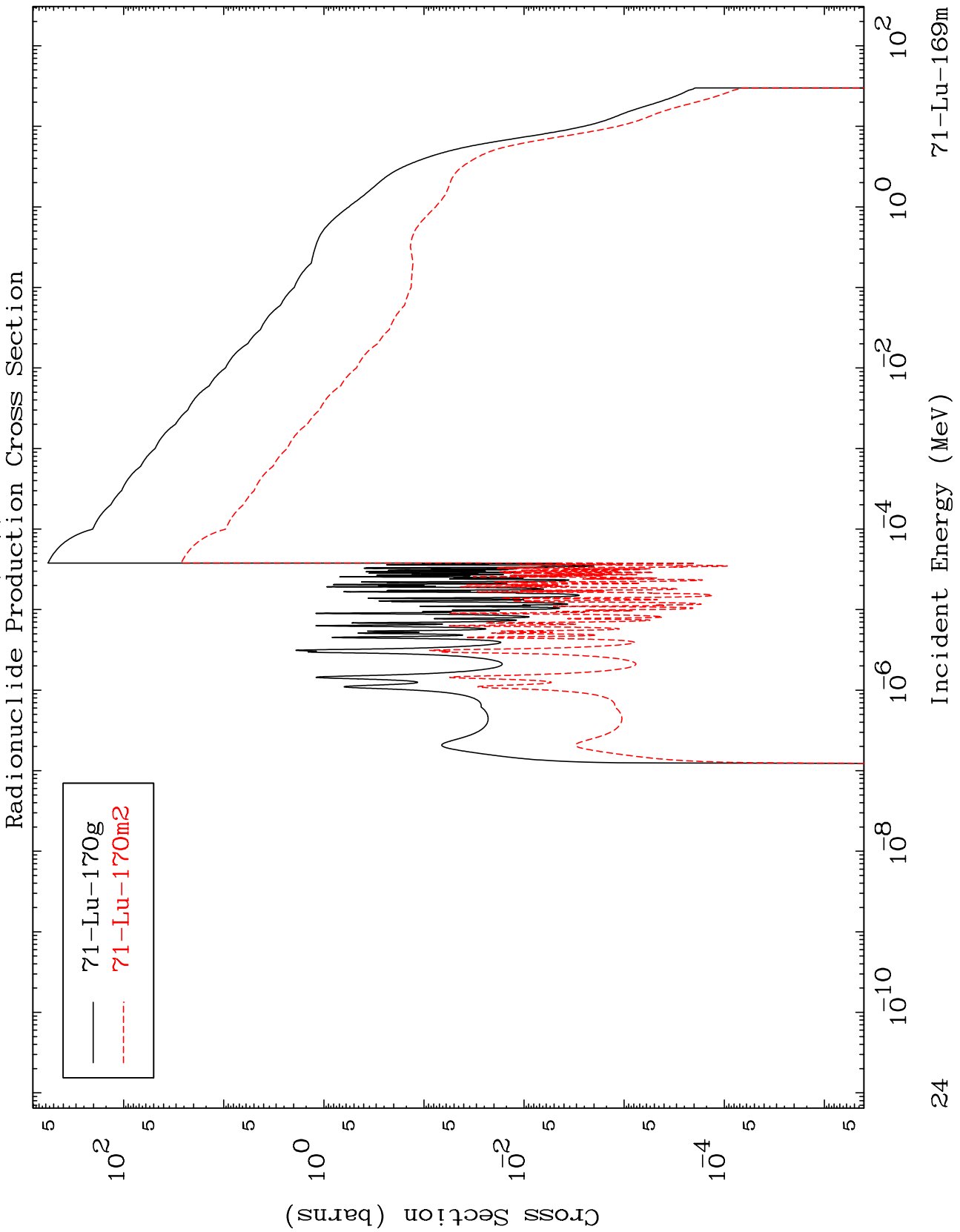
⁷¹Lu-169m

Incident Energy (MeV)

23

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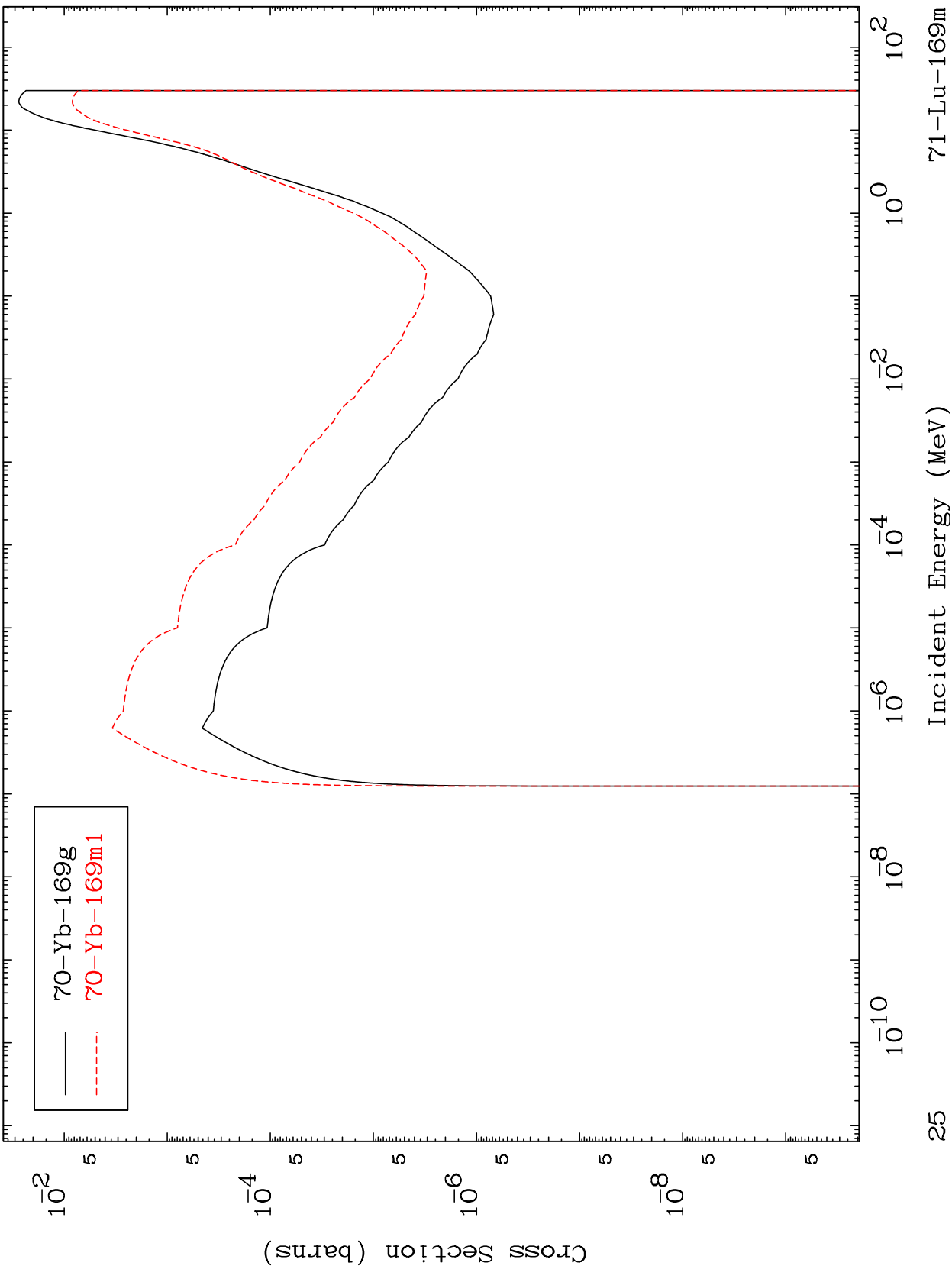
⁷¹Lu-169m



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⁷¹Lu-169m

Radionuclide Production Cross Section (n,p)



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(n,2α)

⁷¹Lu-169m

Radionuclide Production Cross Section

