

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

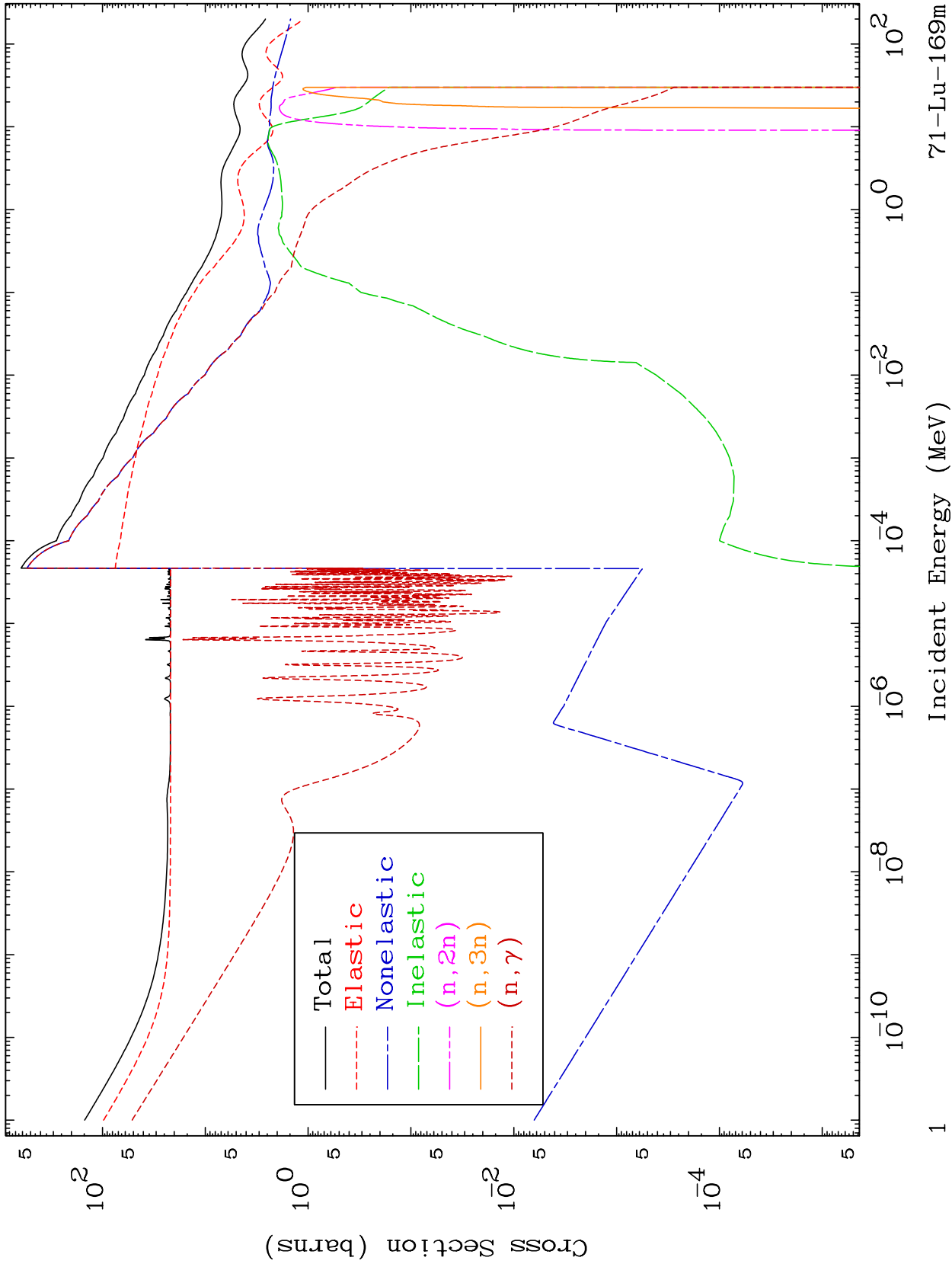
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7108

Neutron Major  
293 Kelvin Cross Sections

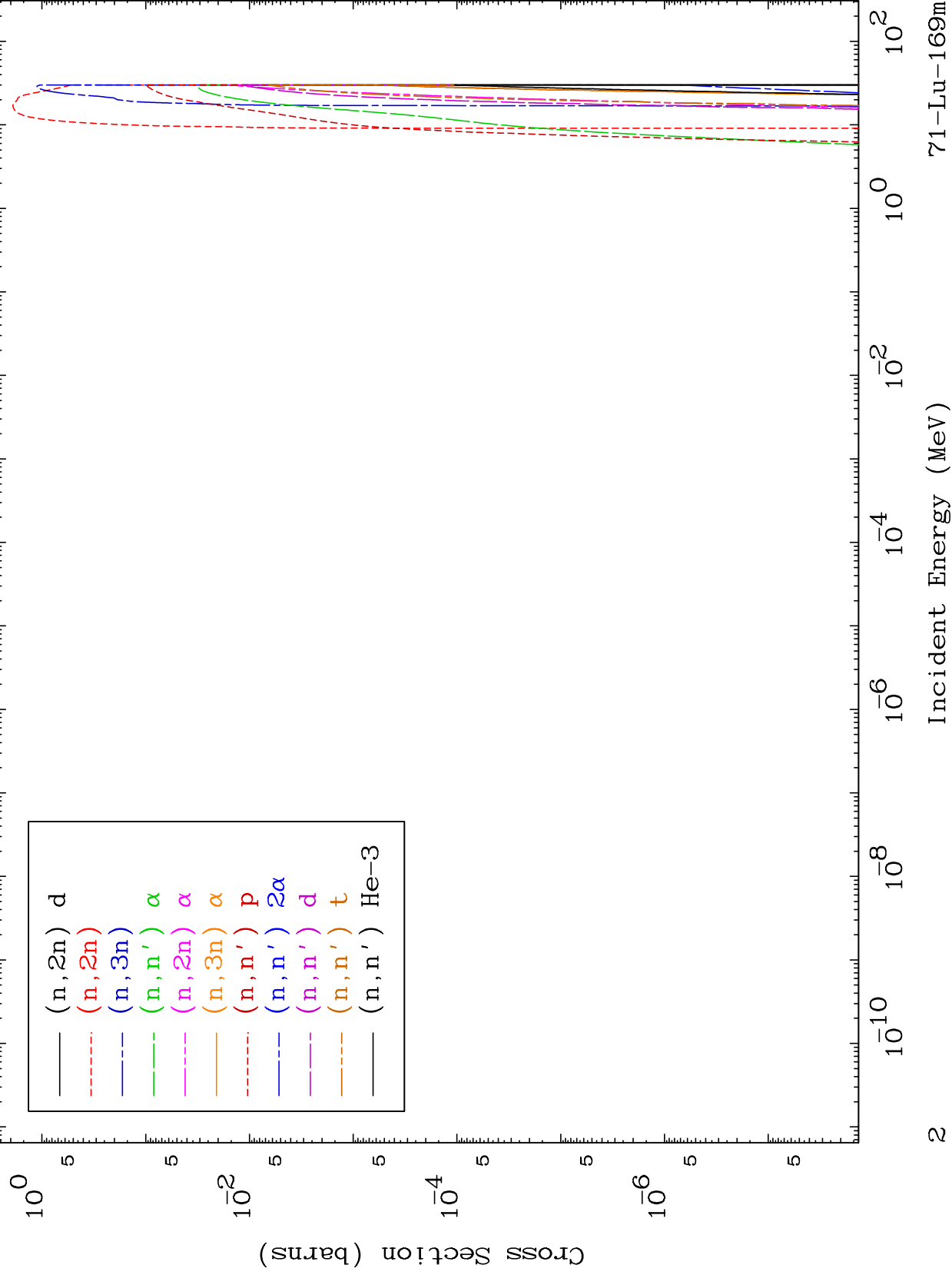
71-Lu-169m



MAT 7108

Neutron Absorption  
293 Kelvin Cross Sections

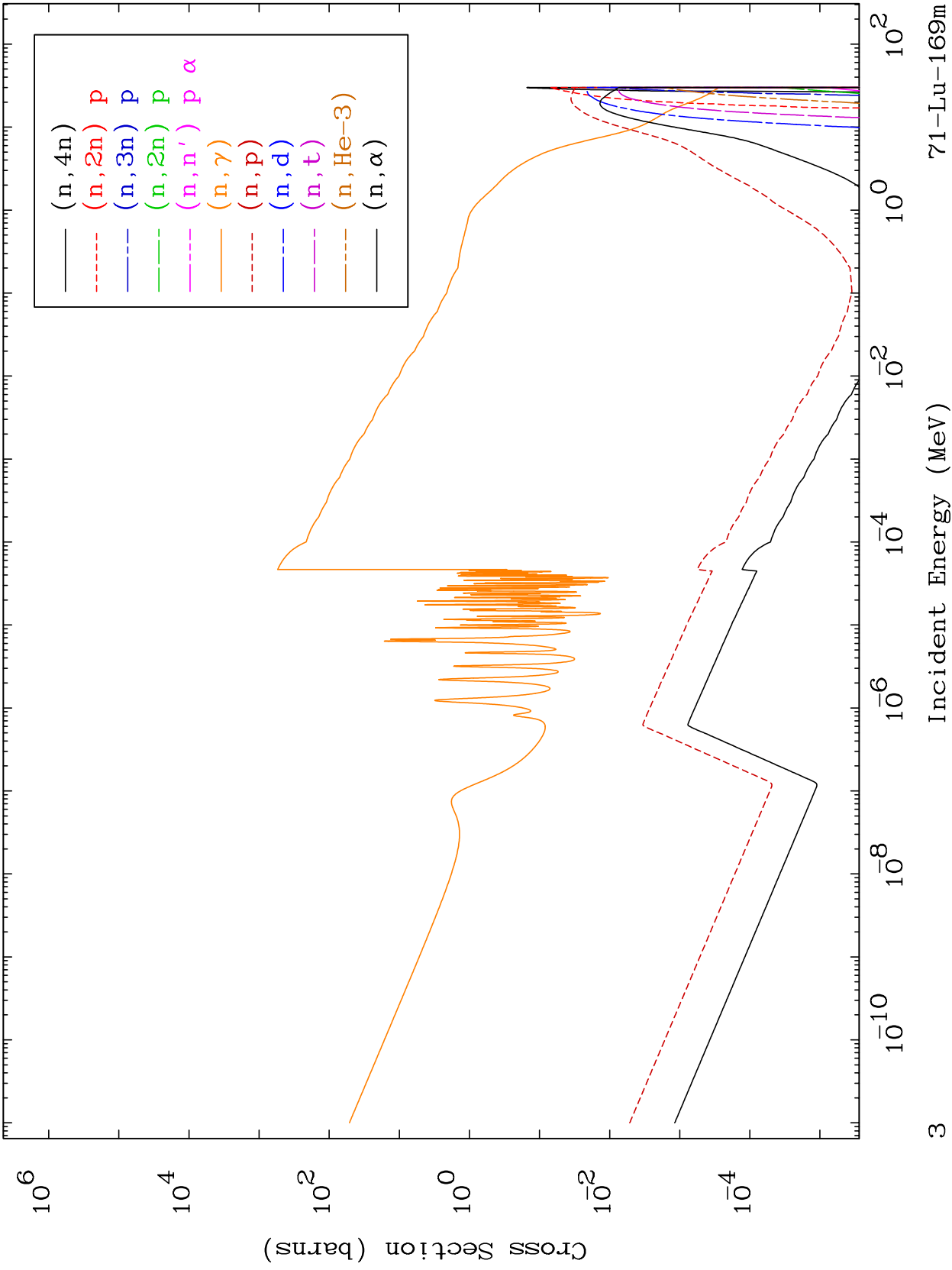
<sup>71</sup>Lu-169m



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Neutron Absorption  
293 Kelvin Cross Sections

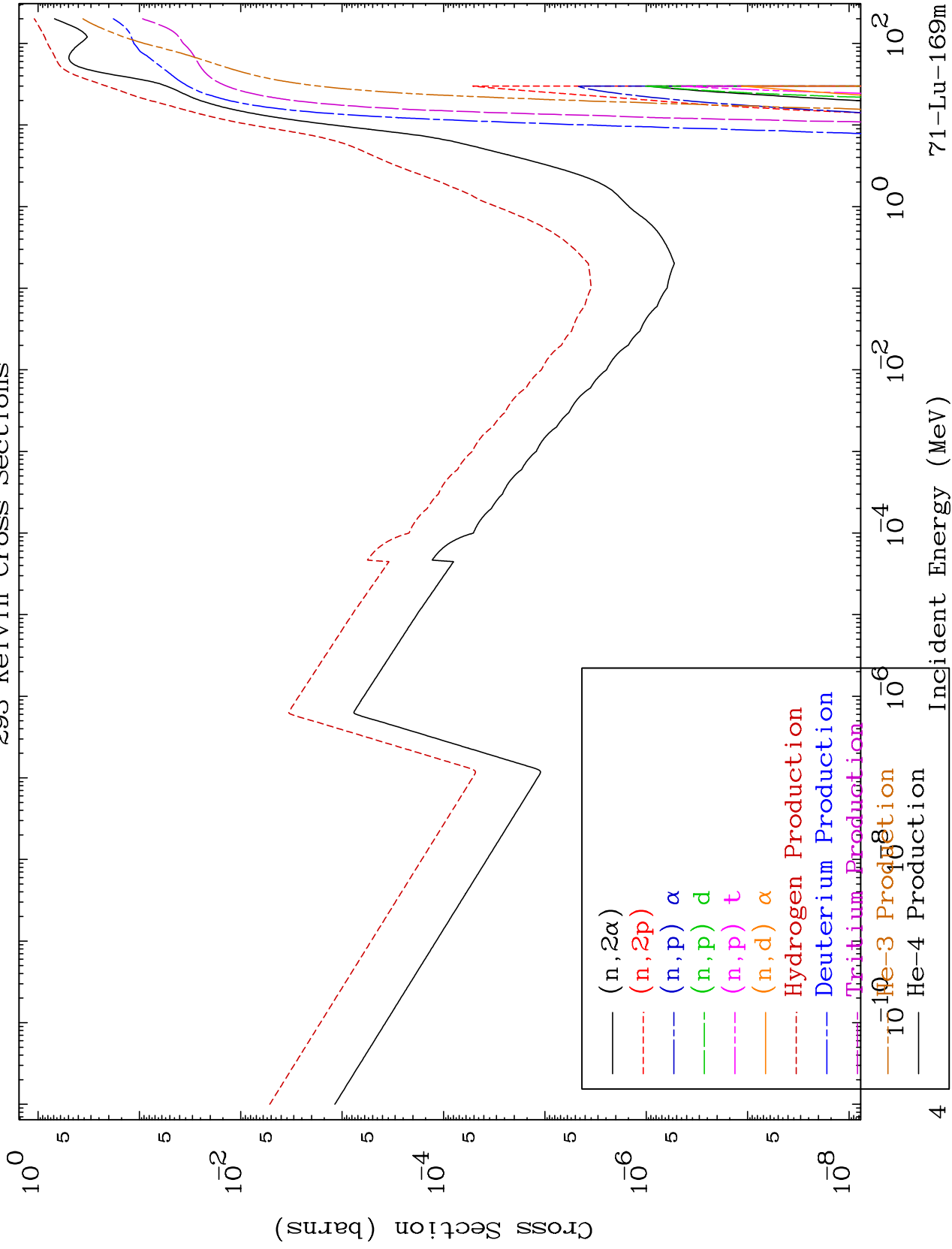
71-Lu-169m



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Neutron Absorption  
293 Kelvin Cross Sections

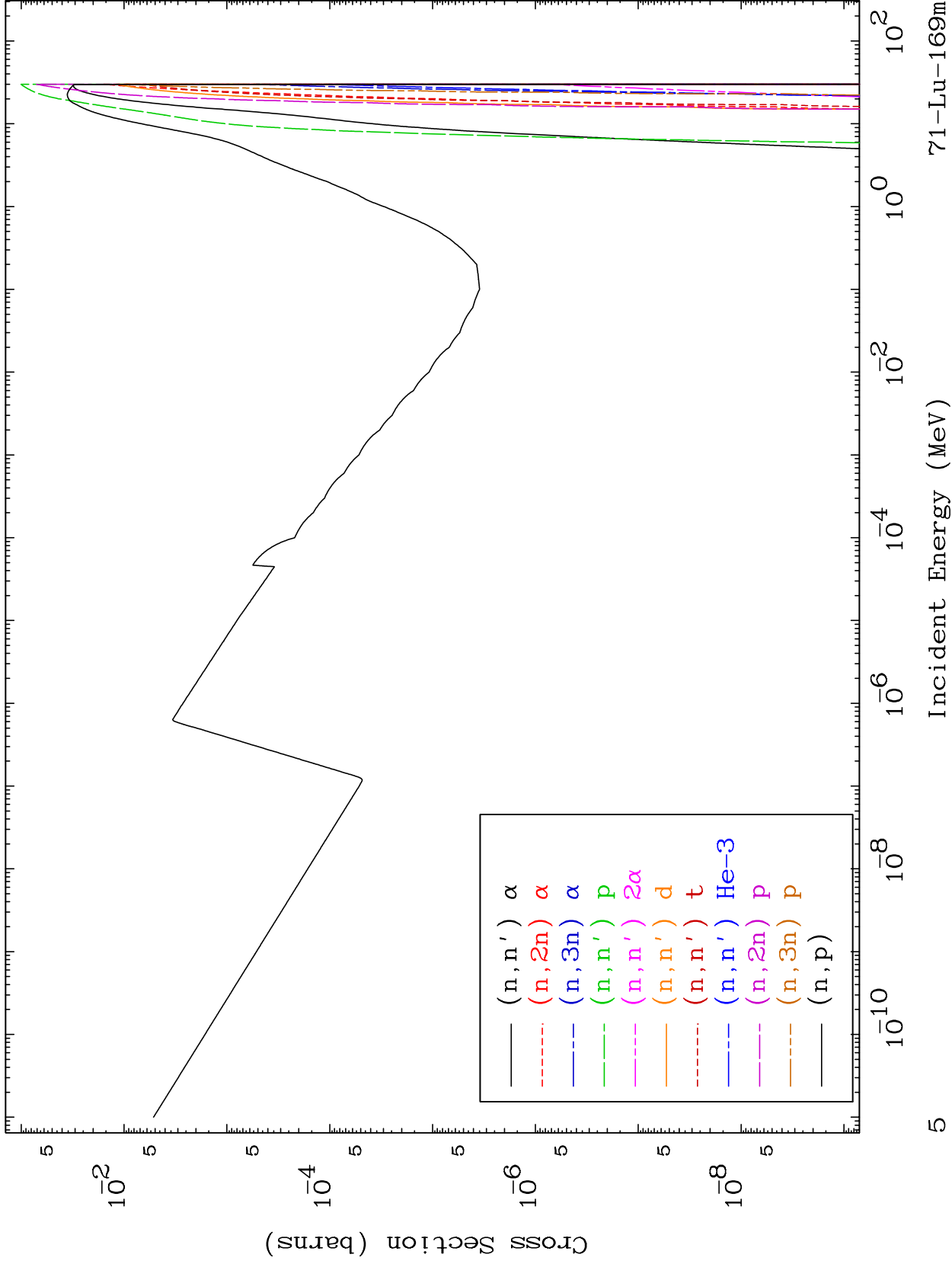
71-Lu-169m



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Charged Particle  
293 Kelvin Cross Sections

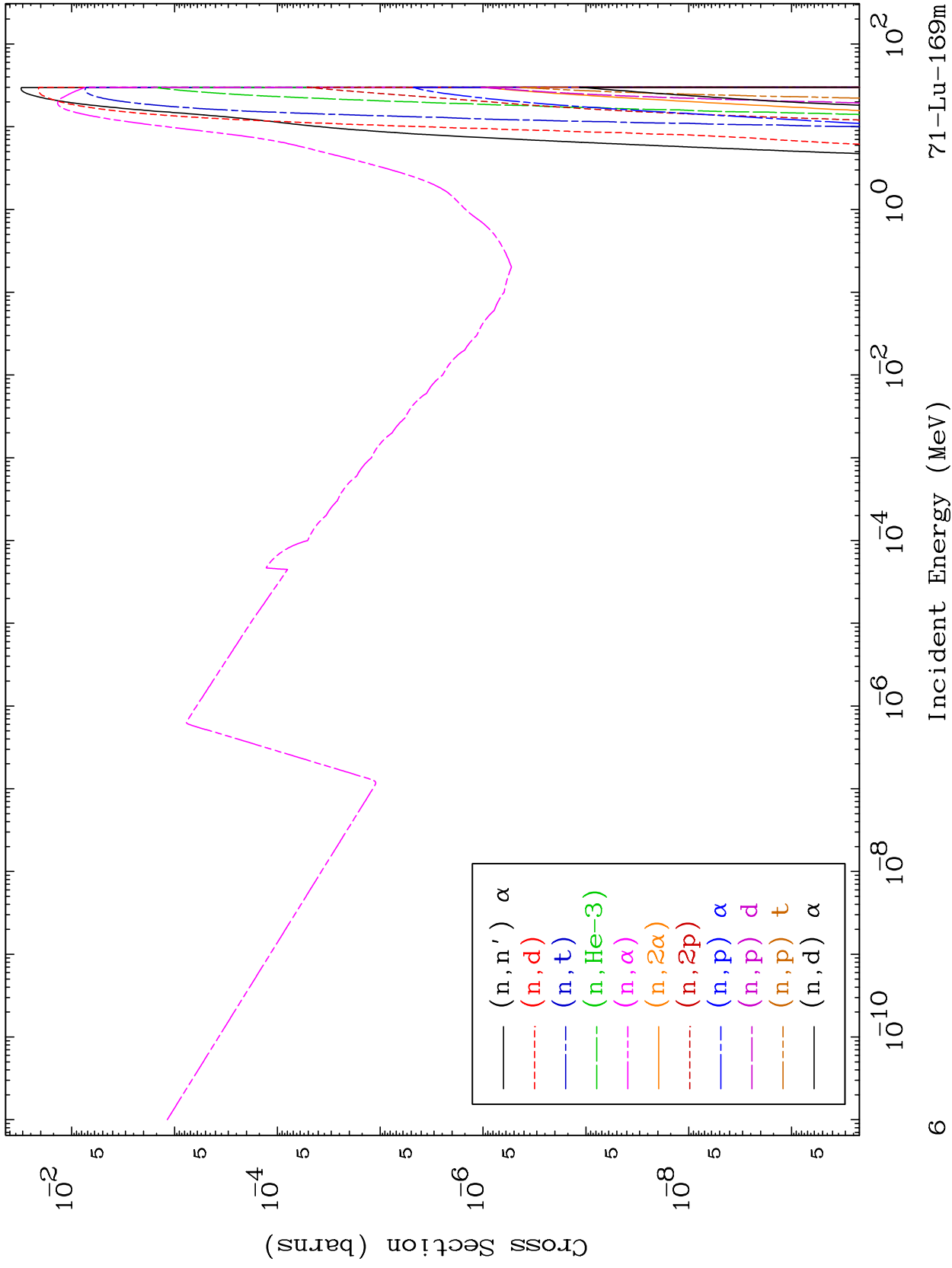
71-Lu-169m

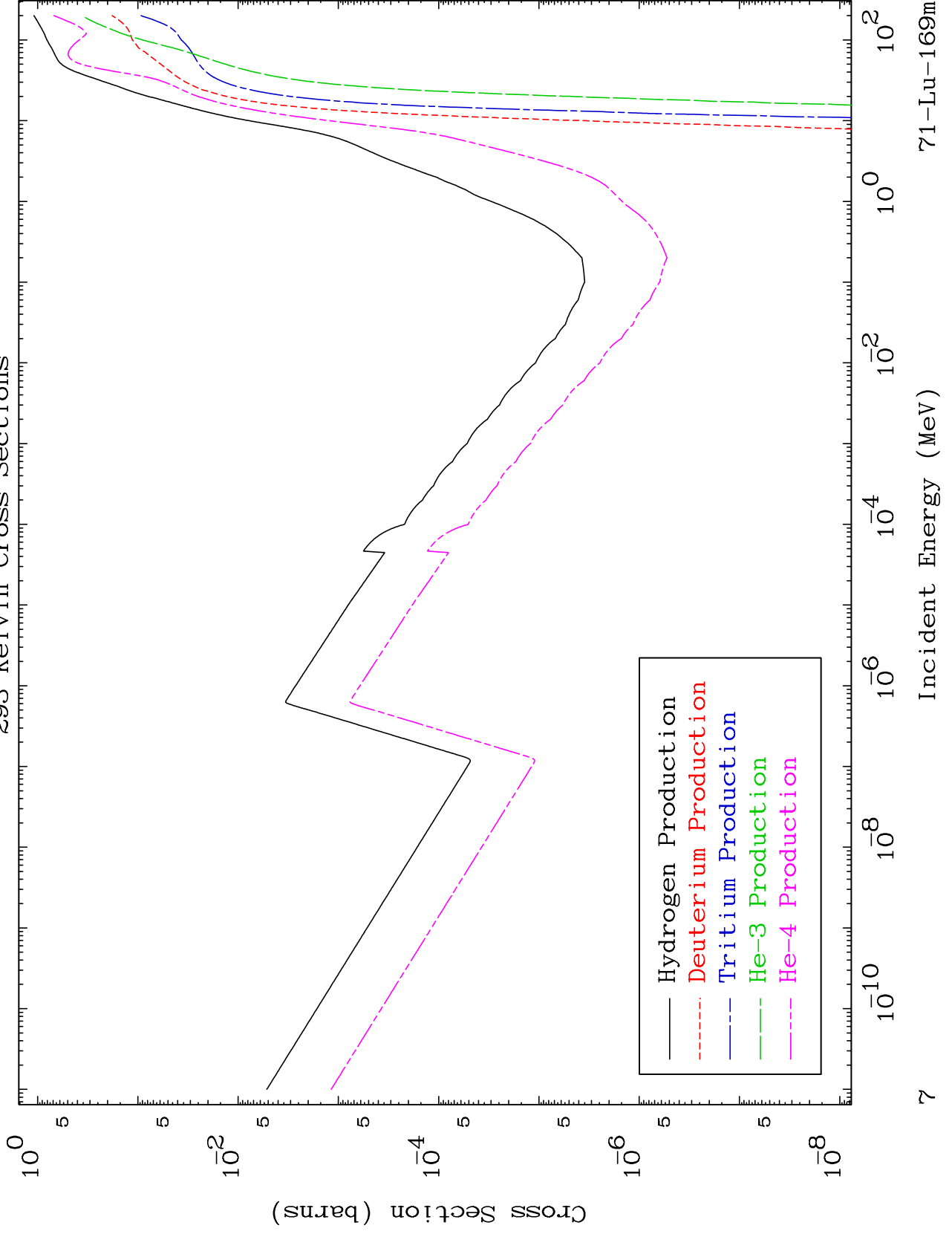


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Charged Particle  
293 Kelvin Cross Sections

71-Lu-169m

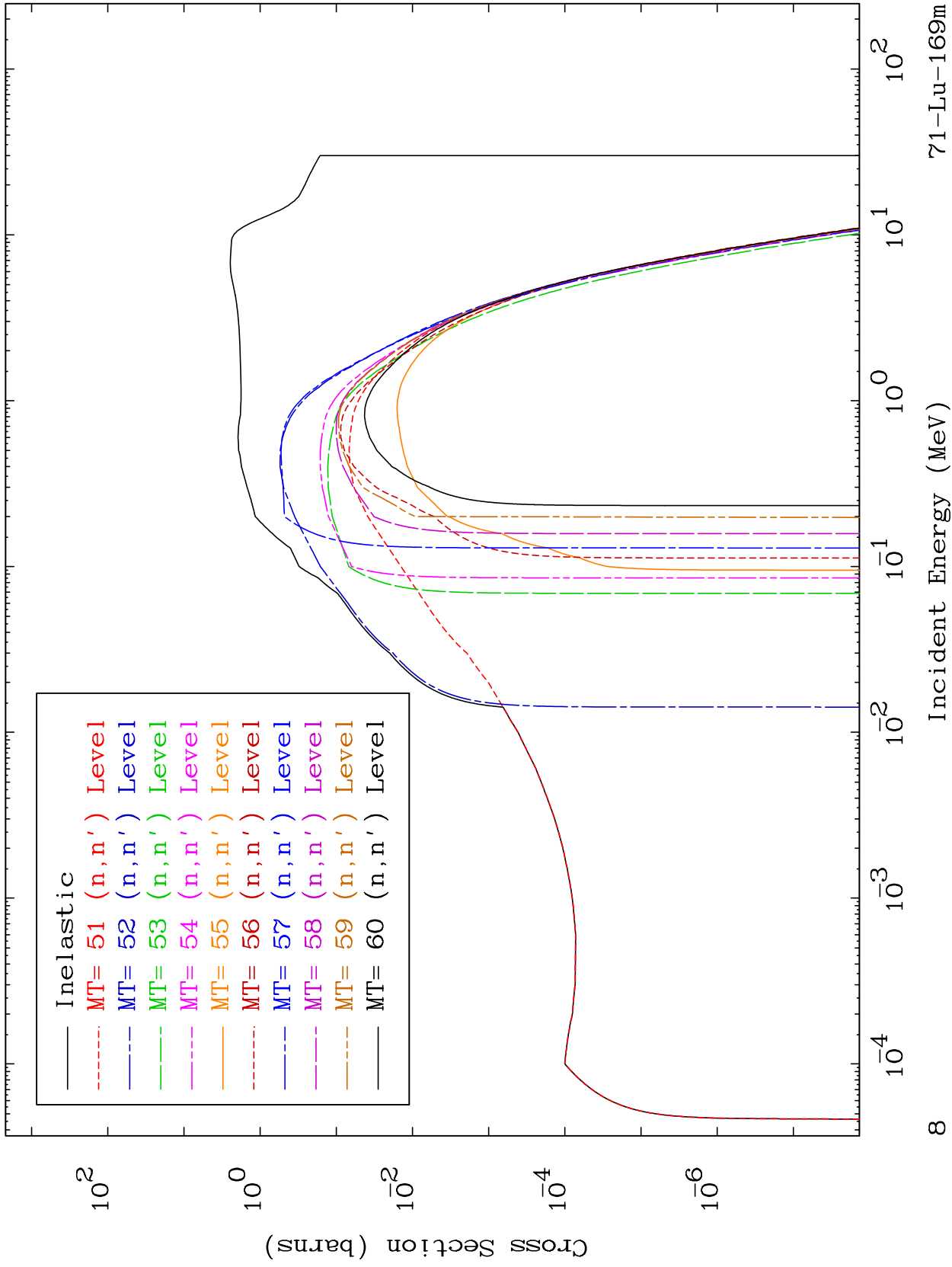




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(n,n') Levels  
293 Kelvin Cross Sections

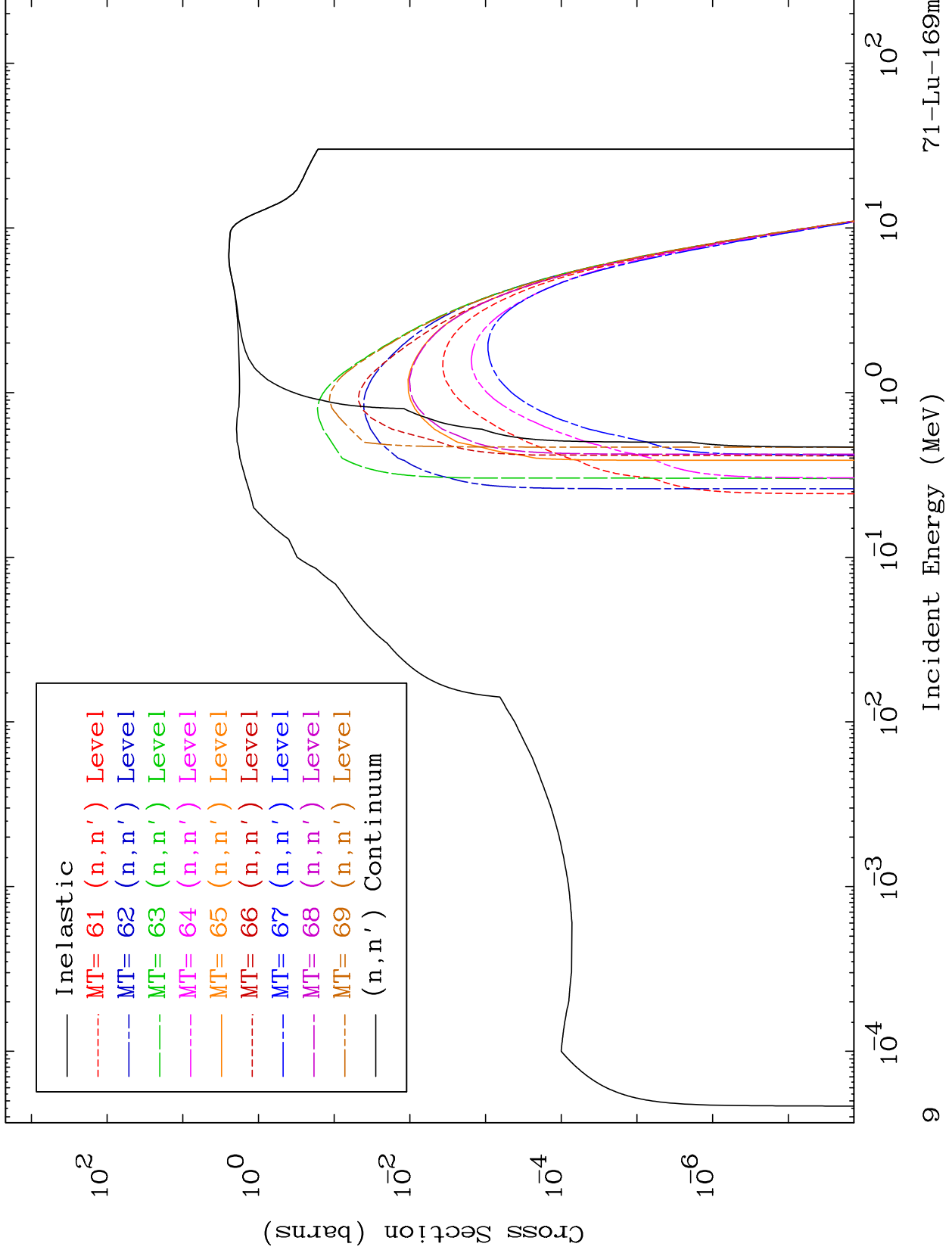
71-Lu-169m



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293 (n,n') Levels  
Kelvin Cross Sections

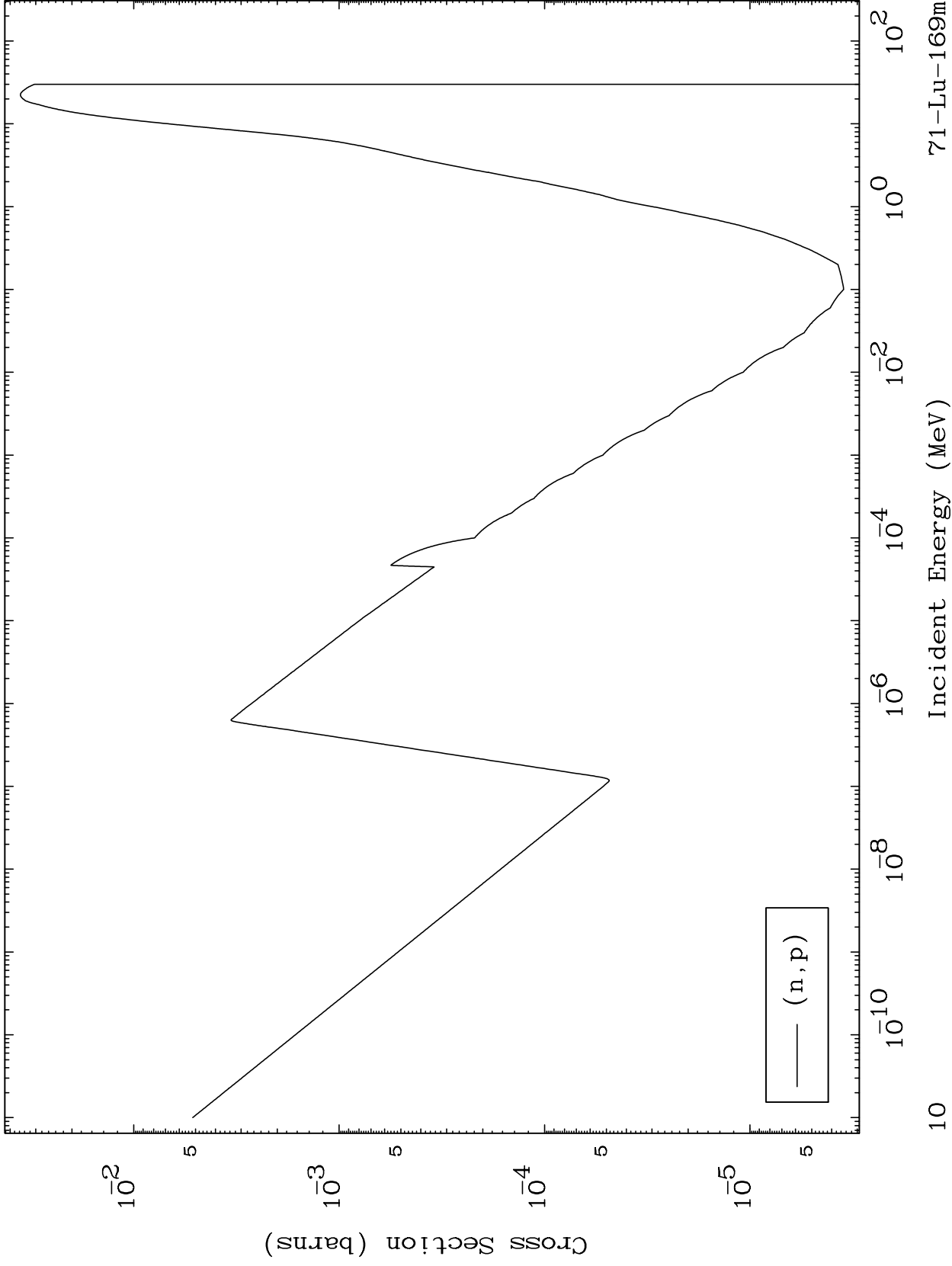
71-Lu-169m



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(n,p) Levels  
293 Kelvin Cross Sections

71-Lu-169m



(n,p)

71-Lu-169m

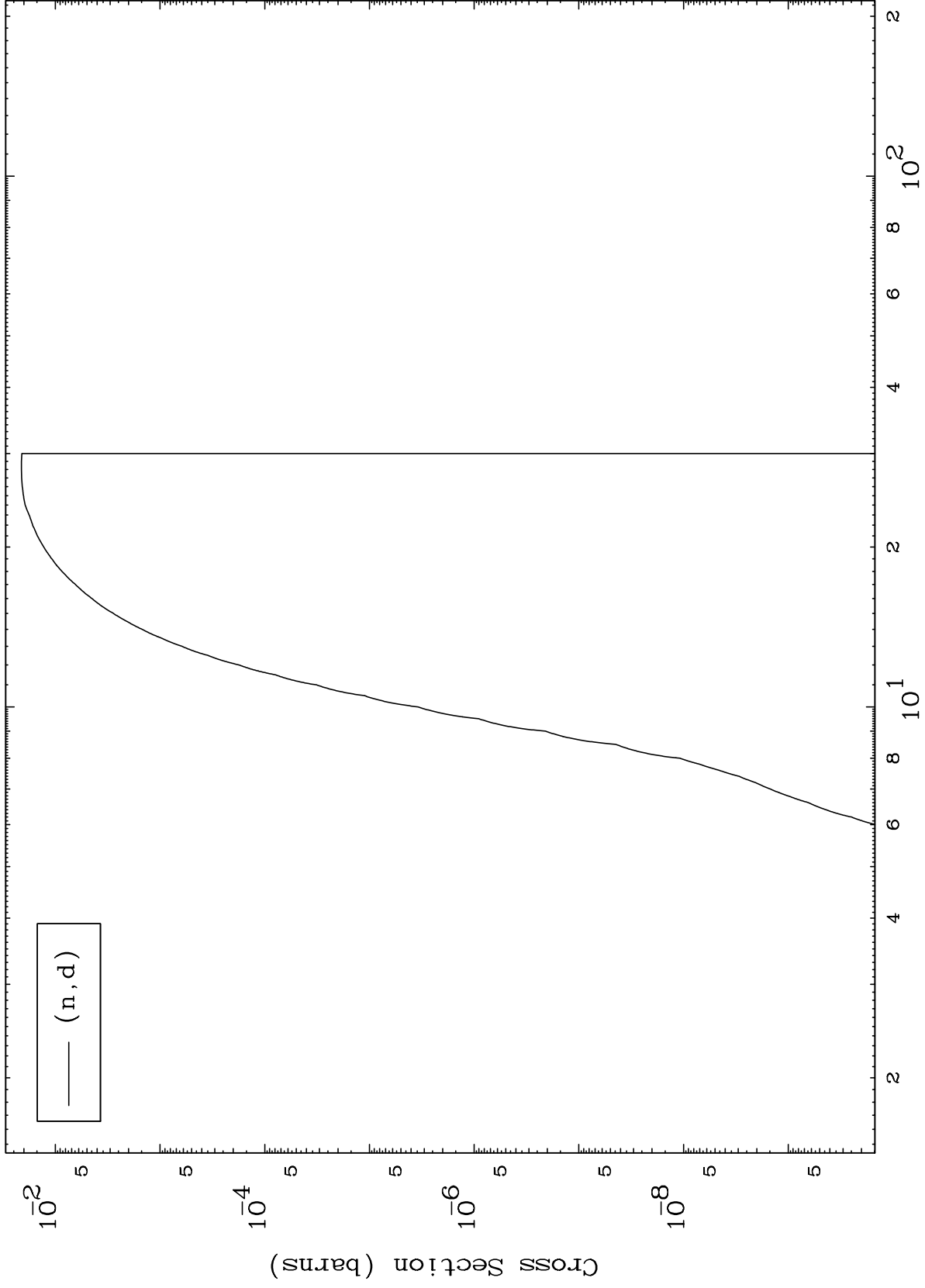
Incident Energy (MeV)

10

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(n,d) Levels  
293 Kelvin Cross Sections

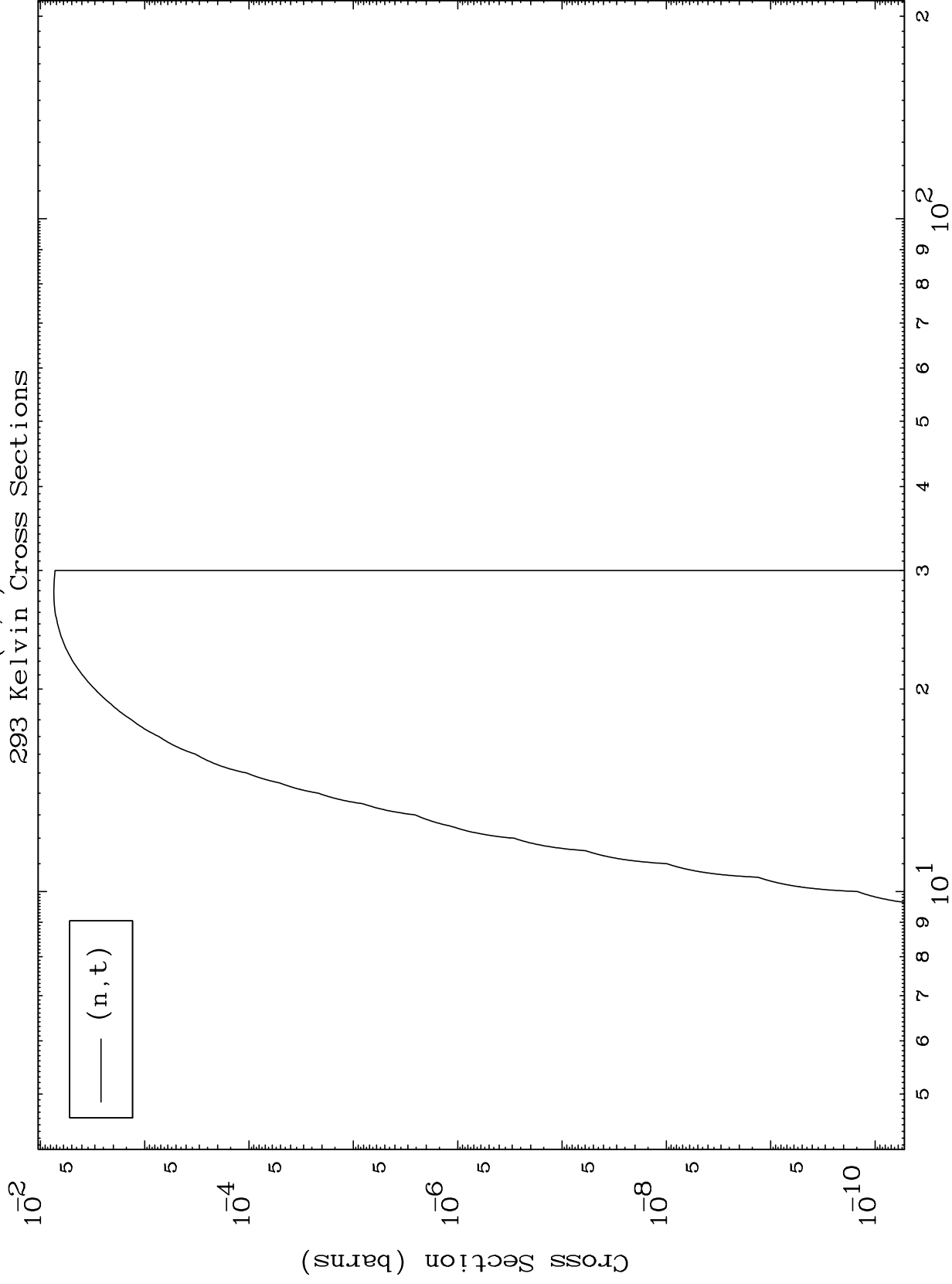
71-Lu-169m



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(n,t) Levels  
293 Kelvin Cross Sections

71-Lu-169m



12

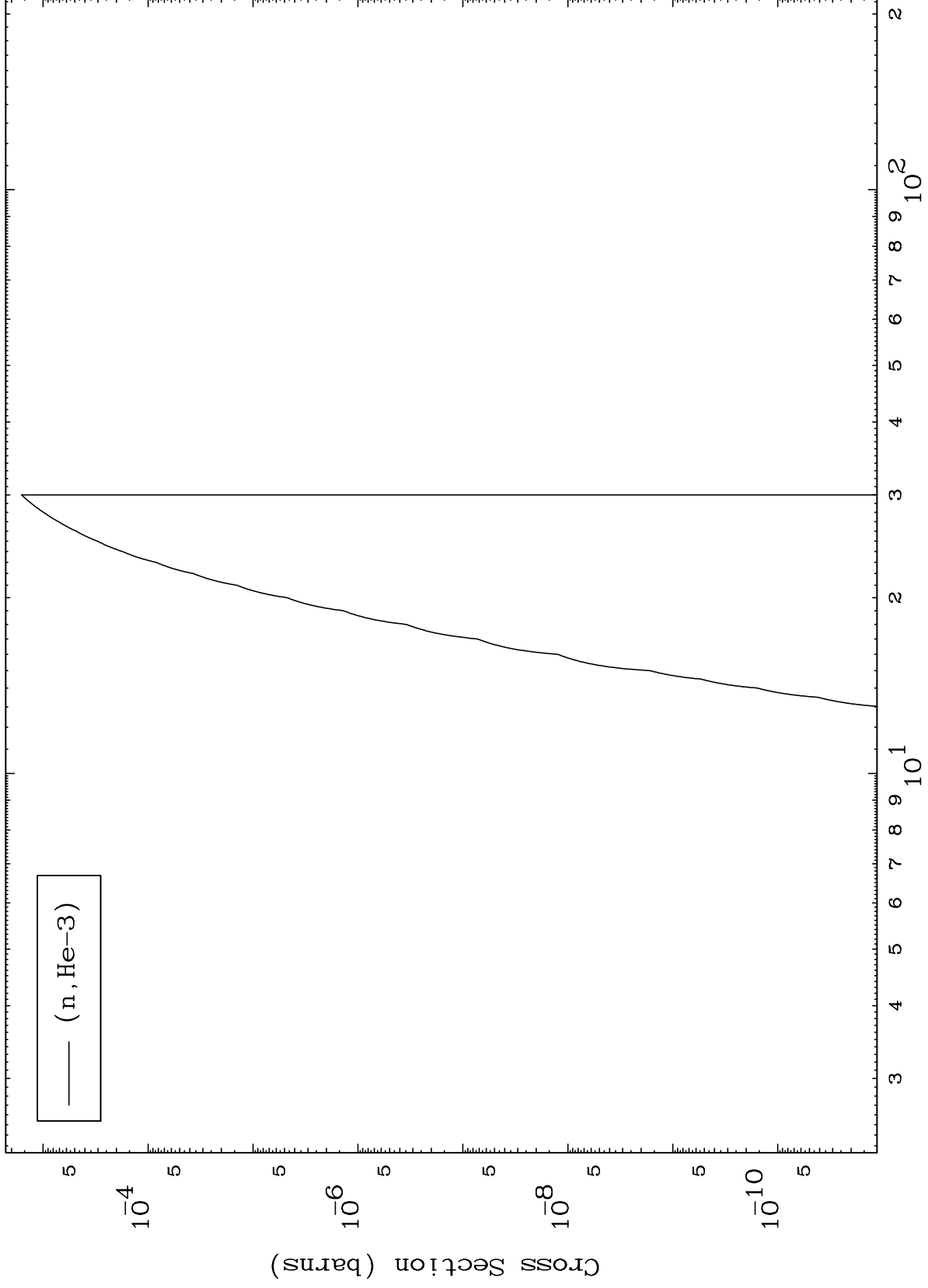
Incident Energy (MeV)

71-Lu-169m

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(n,He3) Levels  
293 Kelvin Cross Sections

71-Lu-169m



13

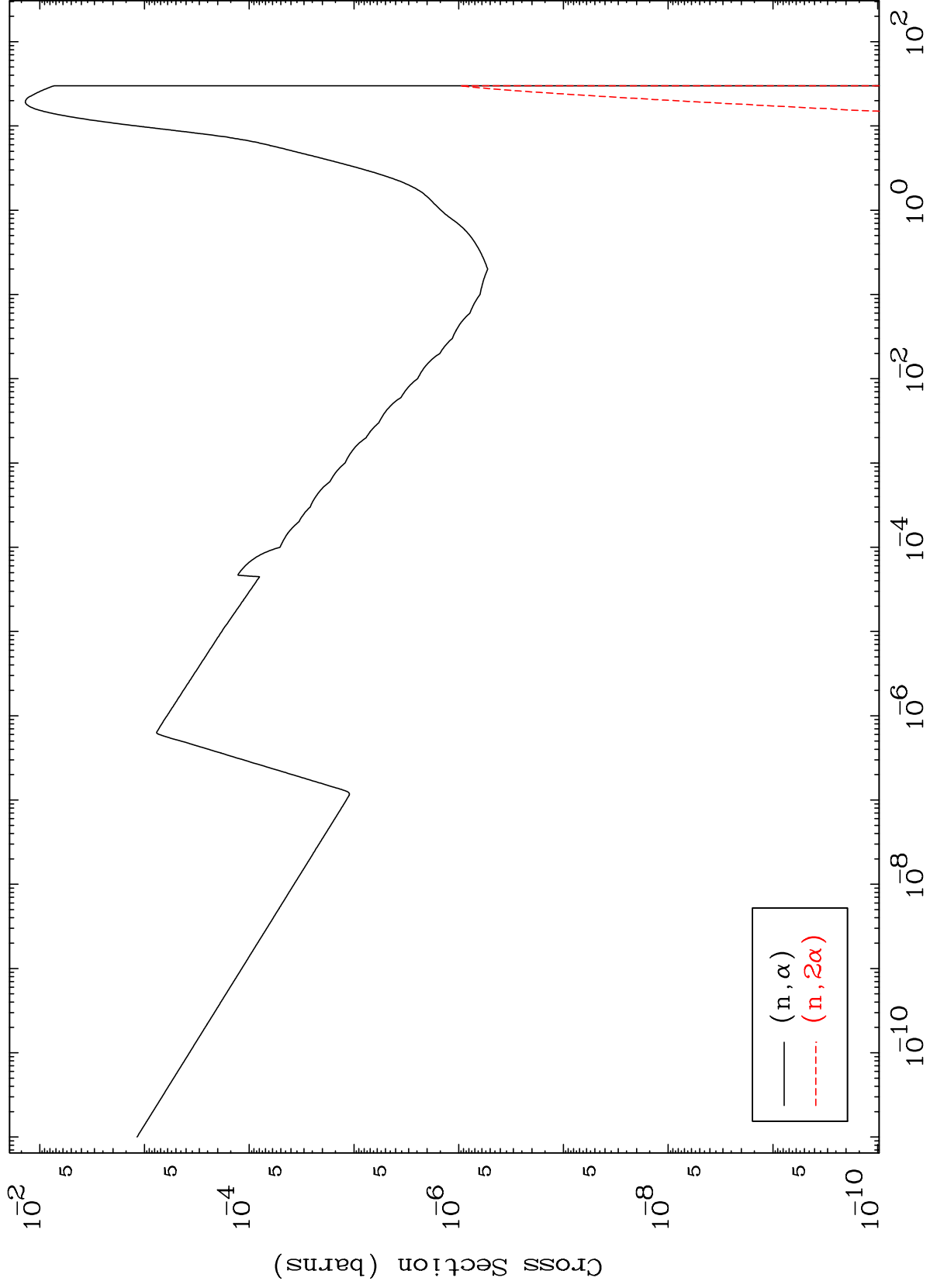
Incident Energy (MeV)

71-Lu-169m

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(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

71-Lu-169m



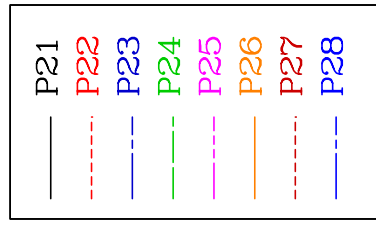




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Elastic  
Legendre Coefficients

71-Lu-169m



$\times 10^{-6}$

Legendre (CM)



17

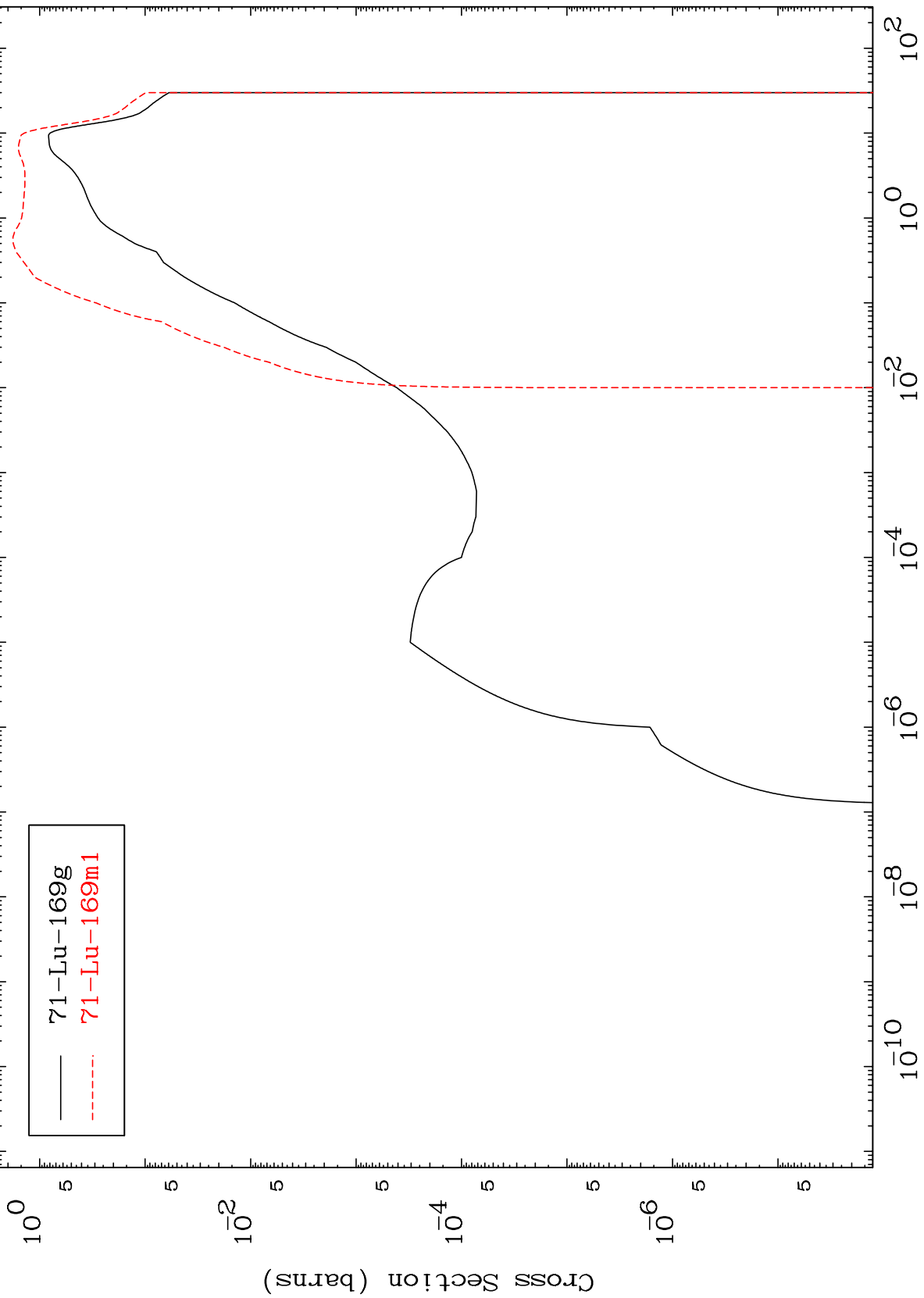
Incident Energy (MeV)

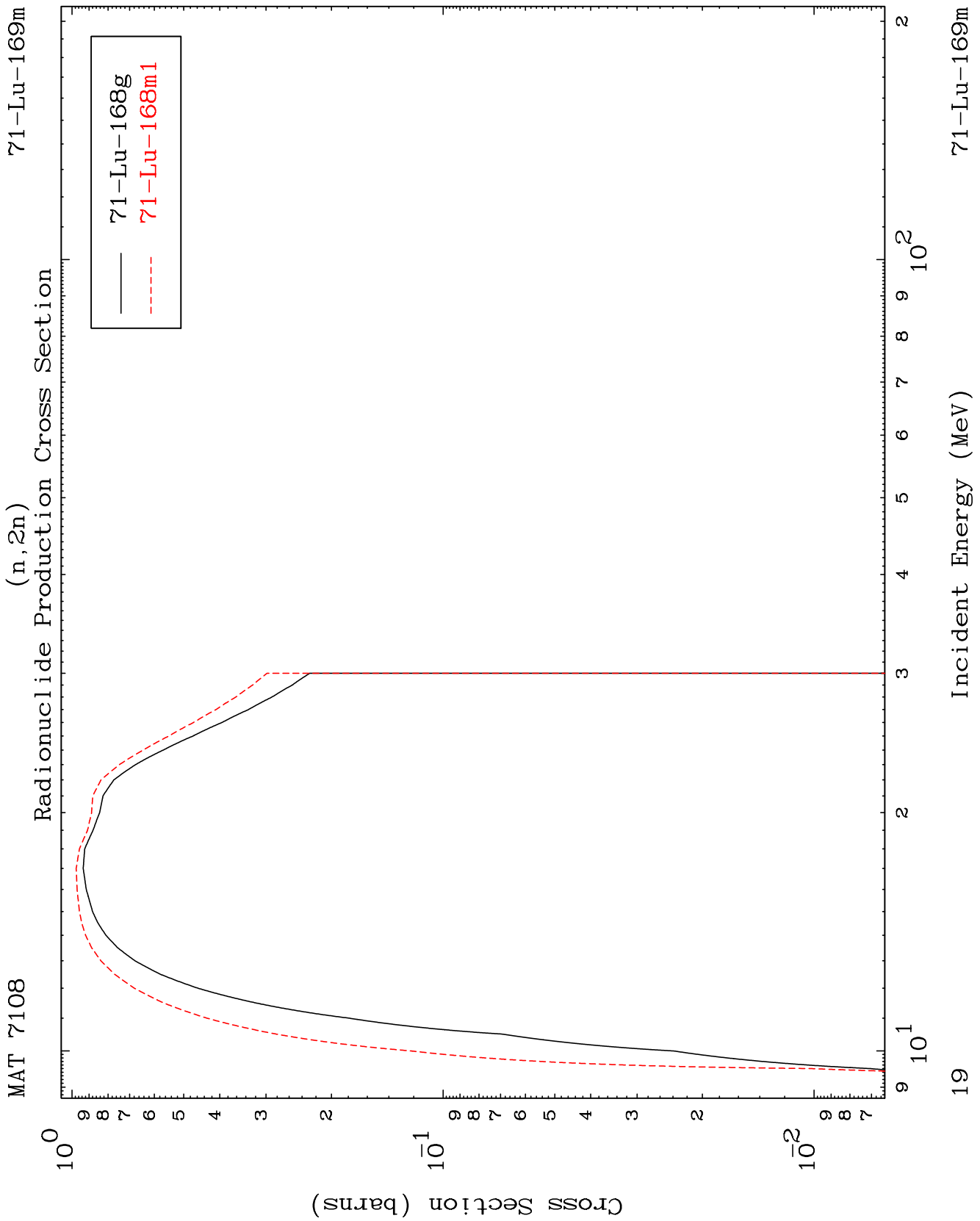
71-Lu-169m

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<sup>71</sup>Lu-169m

Inelastic  
Radionuclide Production Cross Section

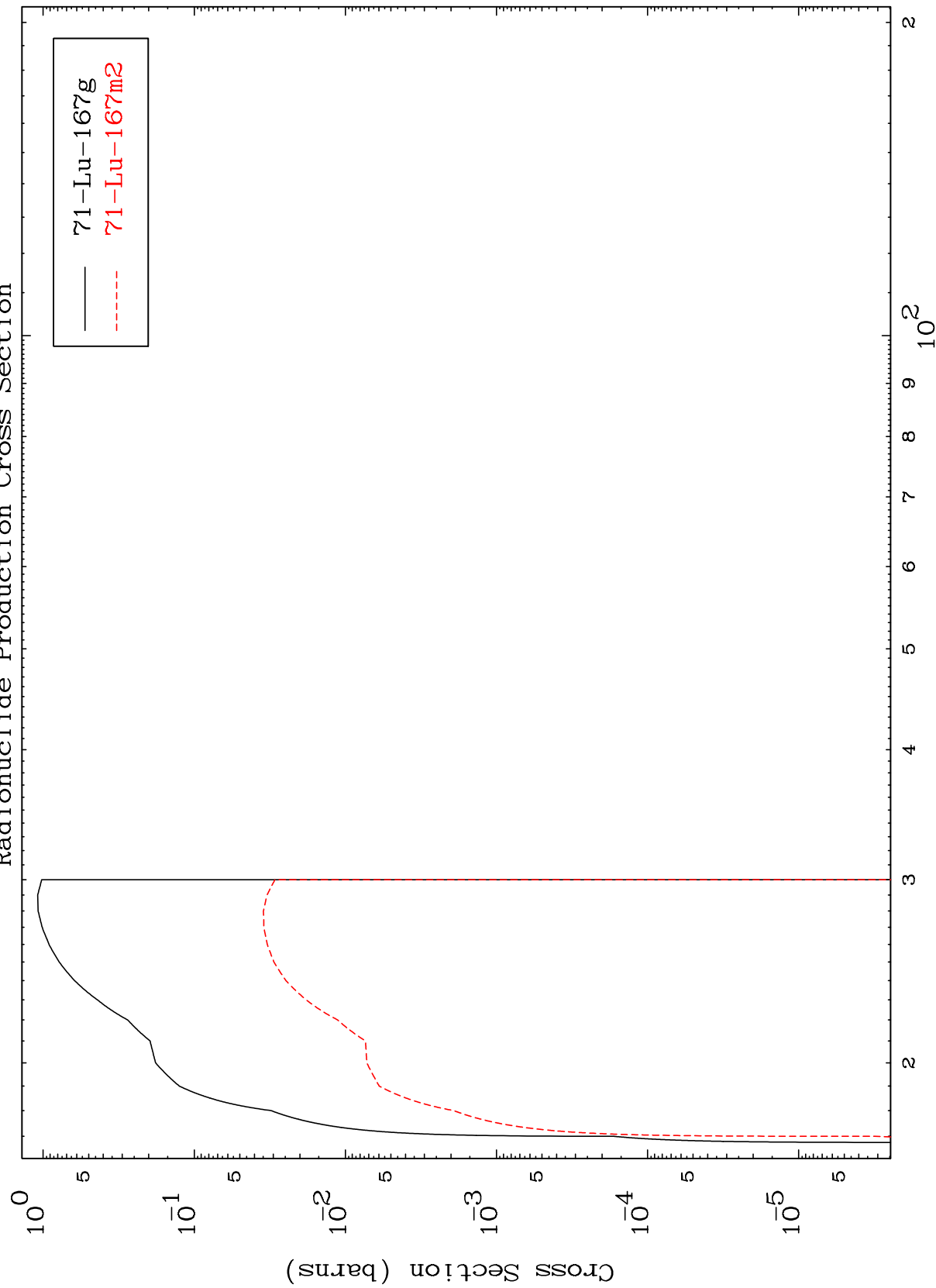




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<sup>71</sup>Lu-169m

(n,3n)  
Radionuclide Production Cross Section



<sup>71</sup>Lu-169m

Incident Energy (MeV)

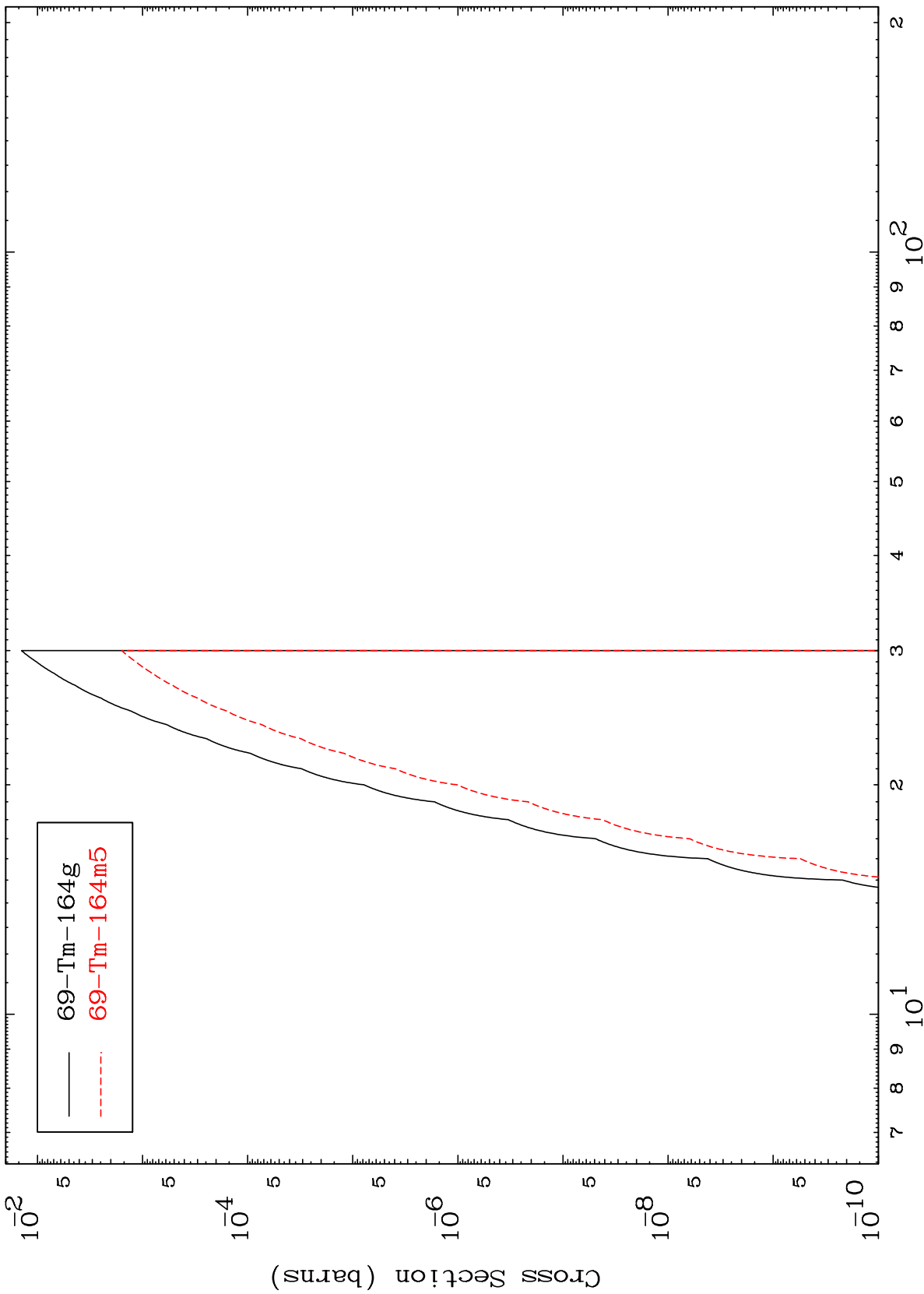
20

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$(n,2n) \alpha$

71-Lu-169m

Radionuclide Production Cross Section



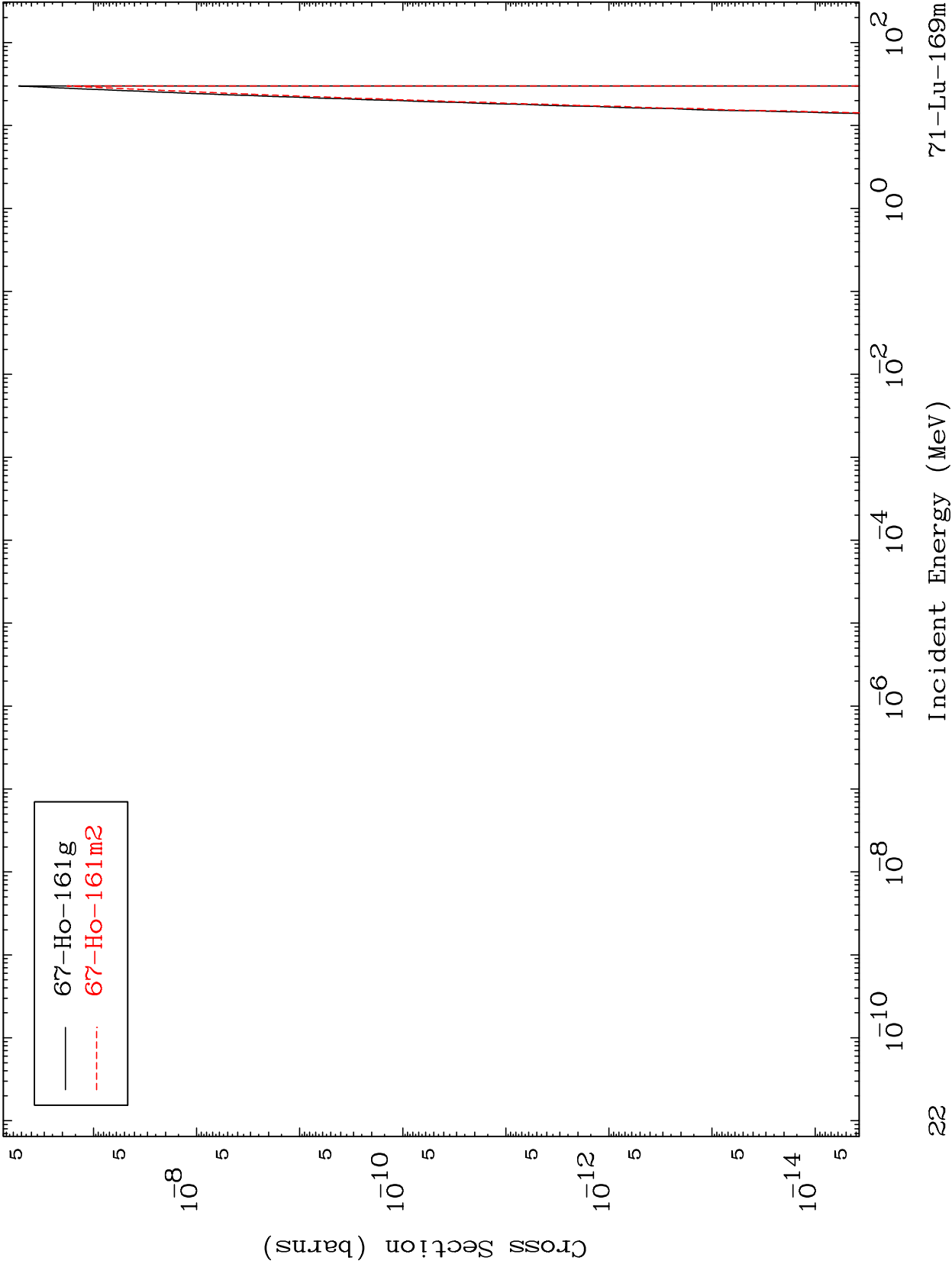
69-Tm-164g  
69-Tm-164m5

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(n,n') 2α

71-Lu-169m

Radionuclide Production Cross Section

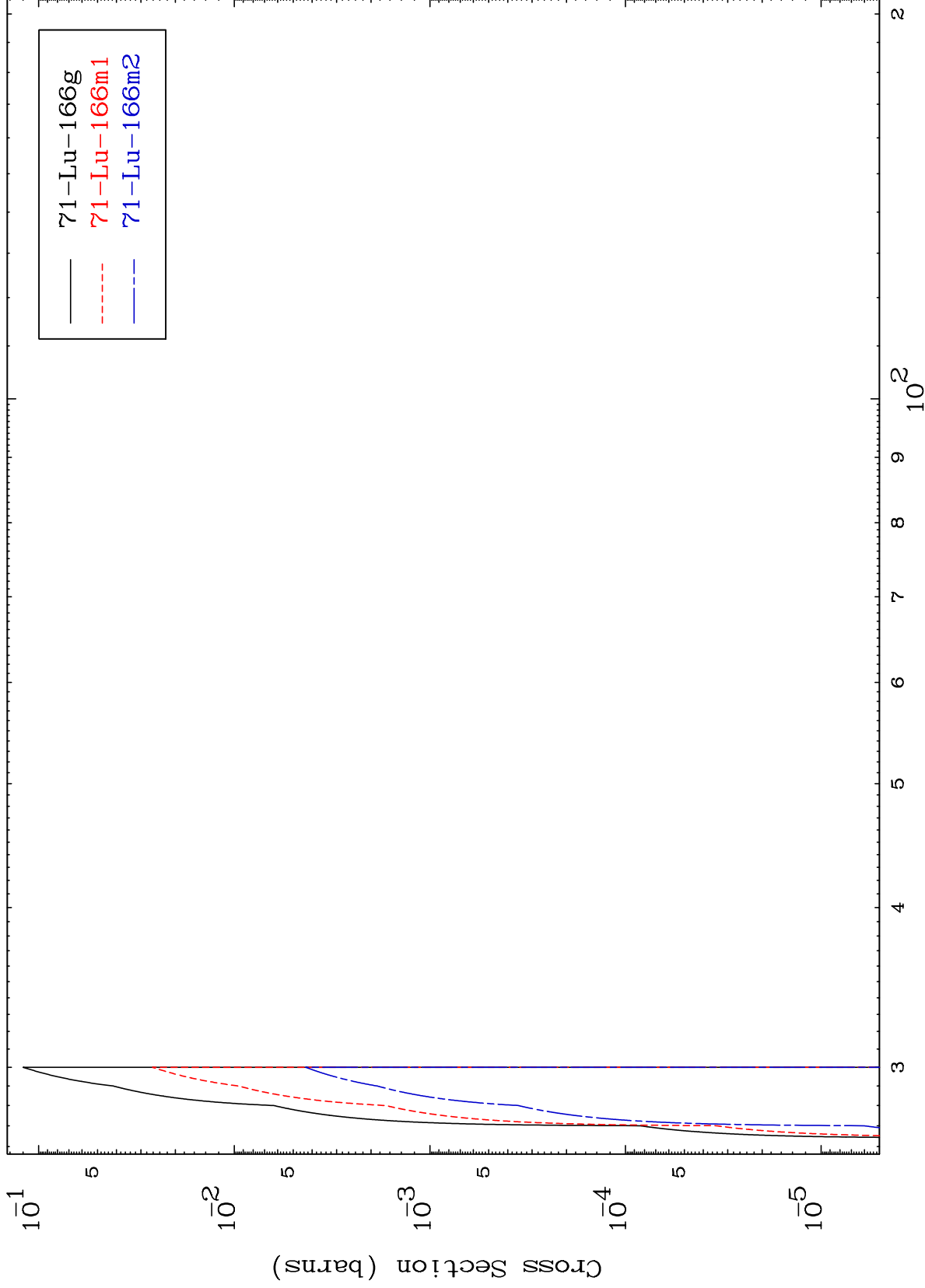


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(n,4n)

<sup>71</sup>Lu-169m

Radionuclide Production Cross Section



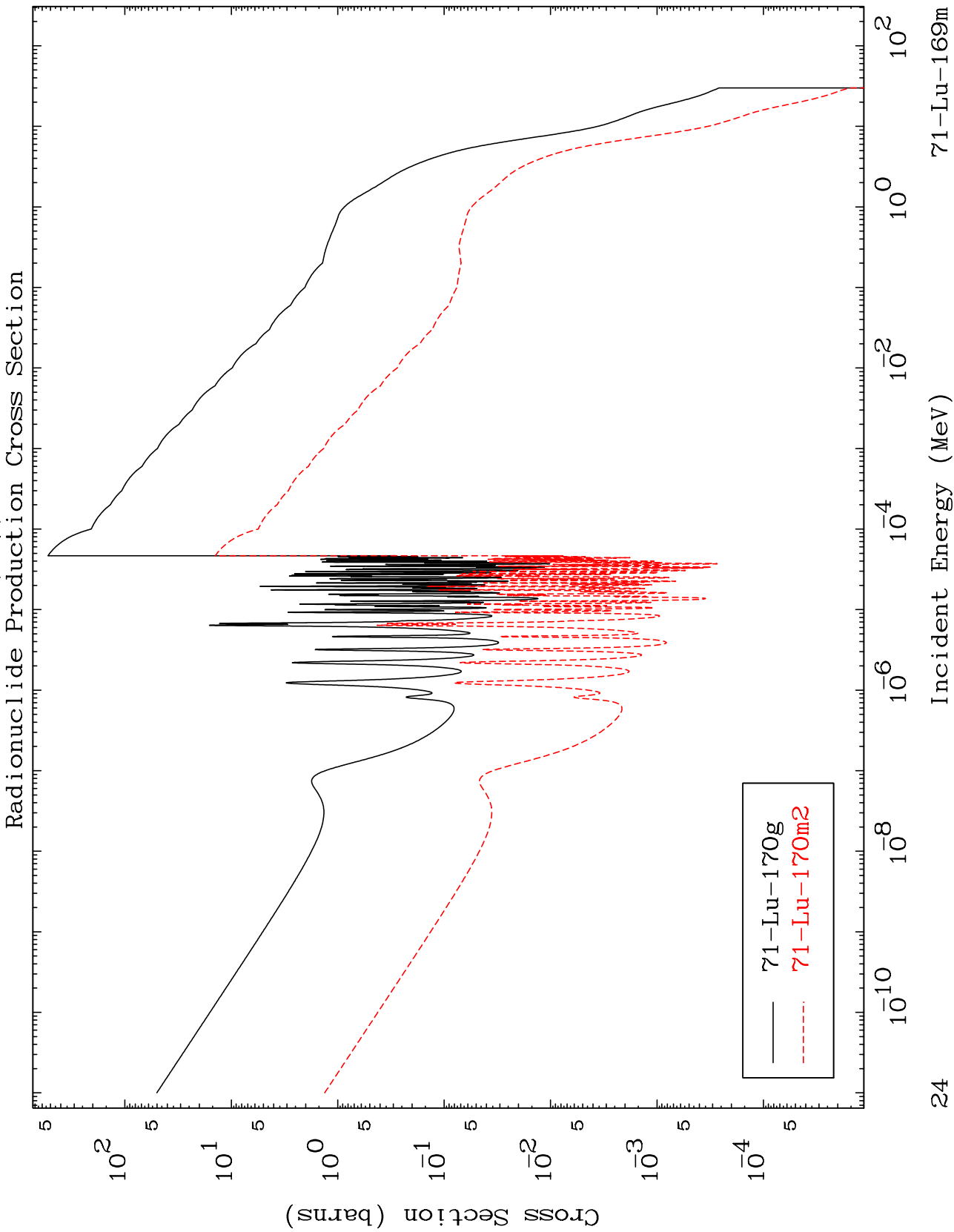
23

Incident Energy (MeV)

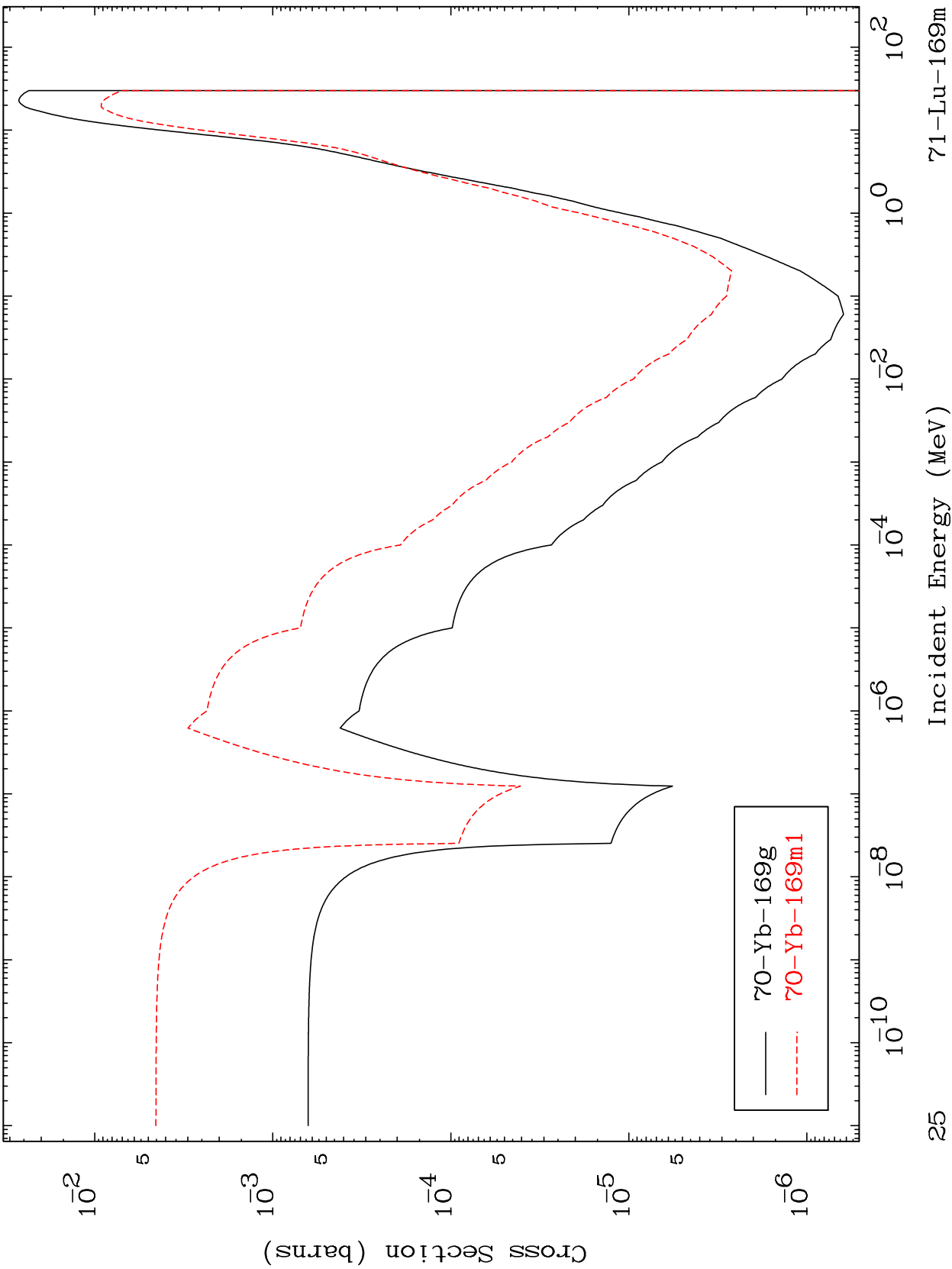
<sup>71</sup>Lu-169m

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<sup>71</sup>Lu-169m



(n,p)  
Radionuclide Production Cross Section



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(n,2α)

<sup>71</sup>Lu-169m

Radionuclide Production Cross Section

