

Program EVALPLOT  
(Version 2021-1)

by

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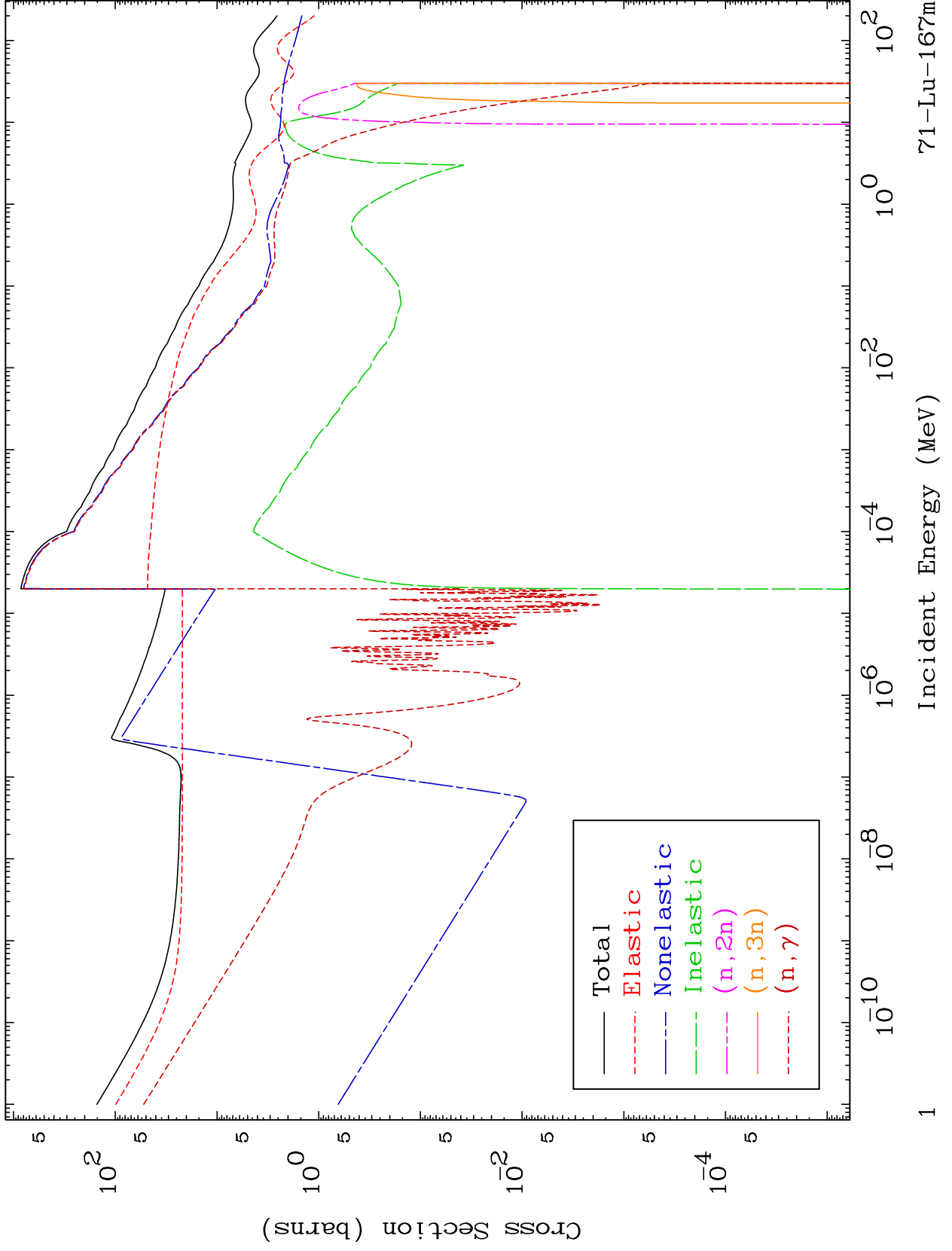
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Press Mouse Button to Start

MAT 7102

Neutron Major  
293 Kelvin Cross Sections

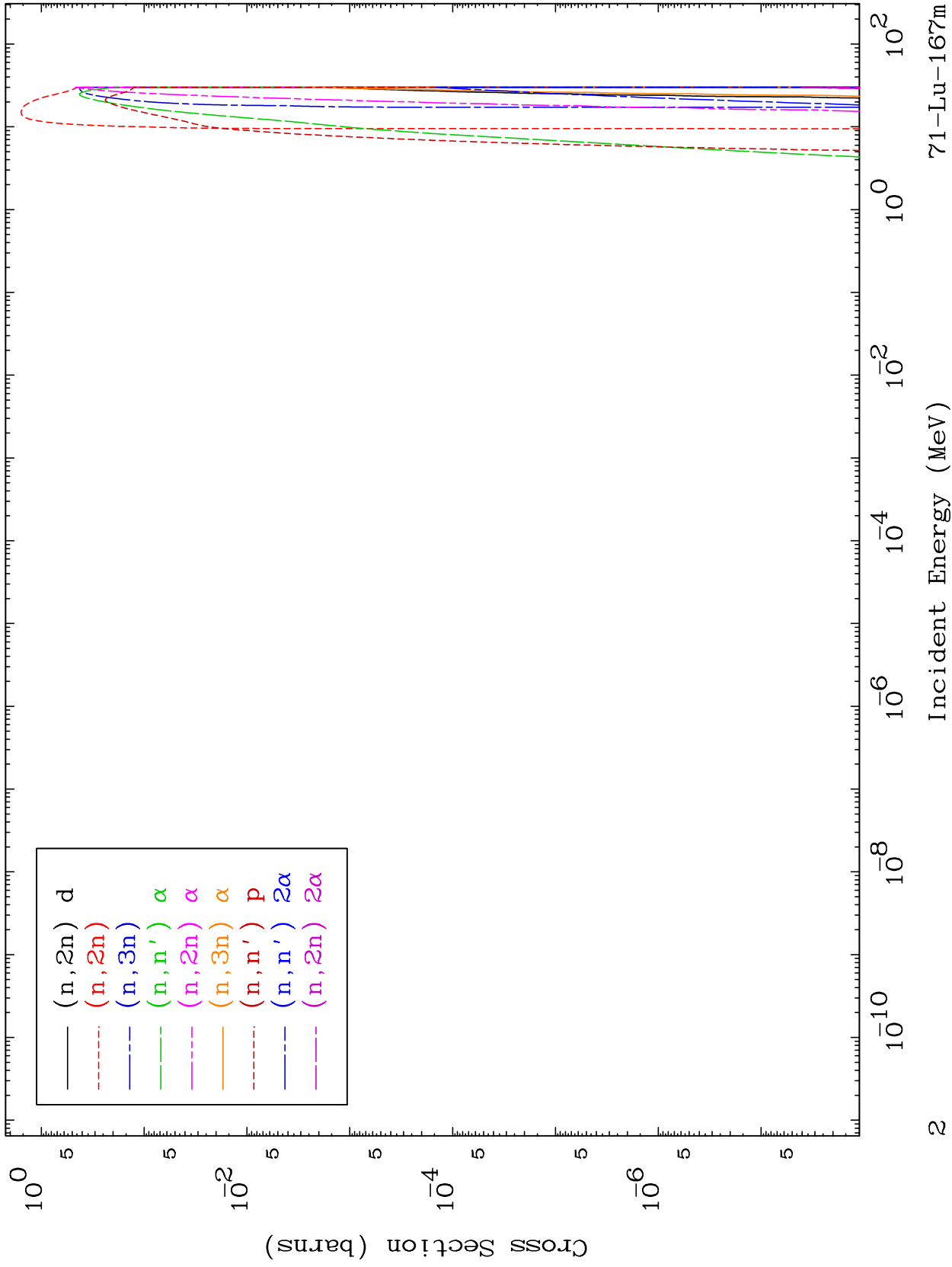
71-Lu-167m

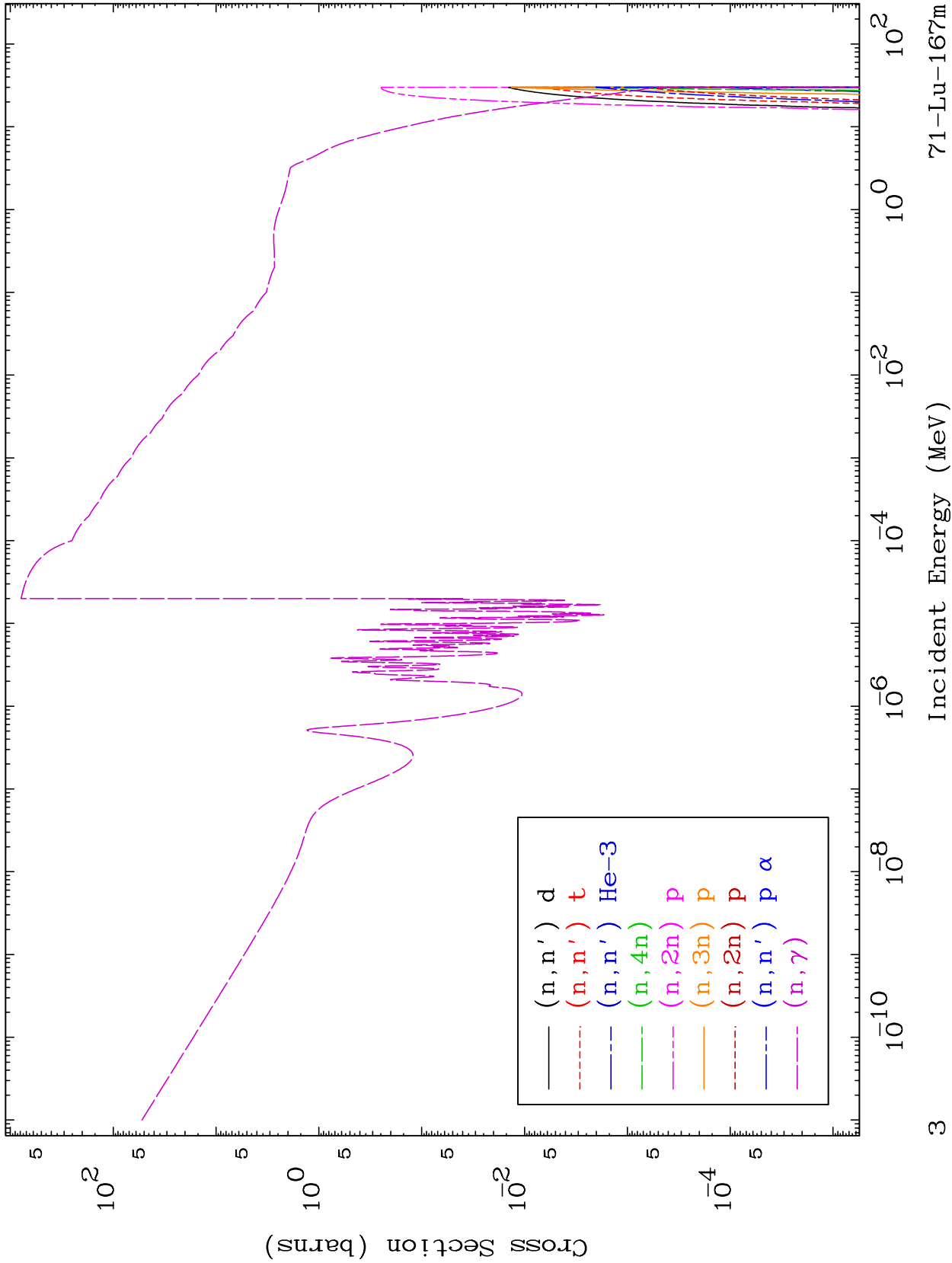


MAT 7102

Neutron Absorption  
293 Kelvin Cross Sections

71-Lu-167m

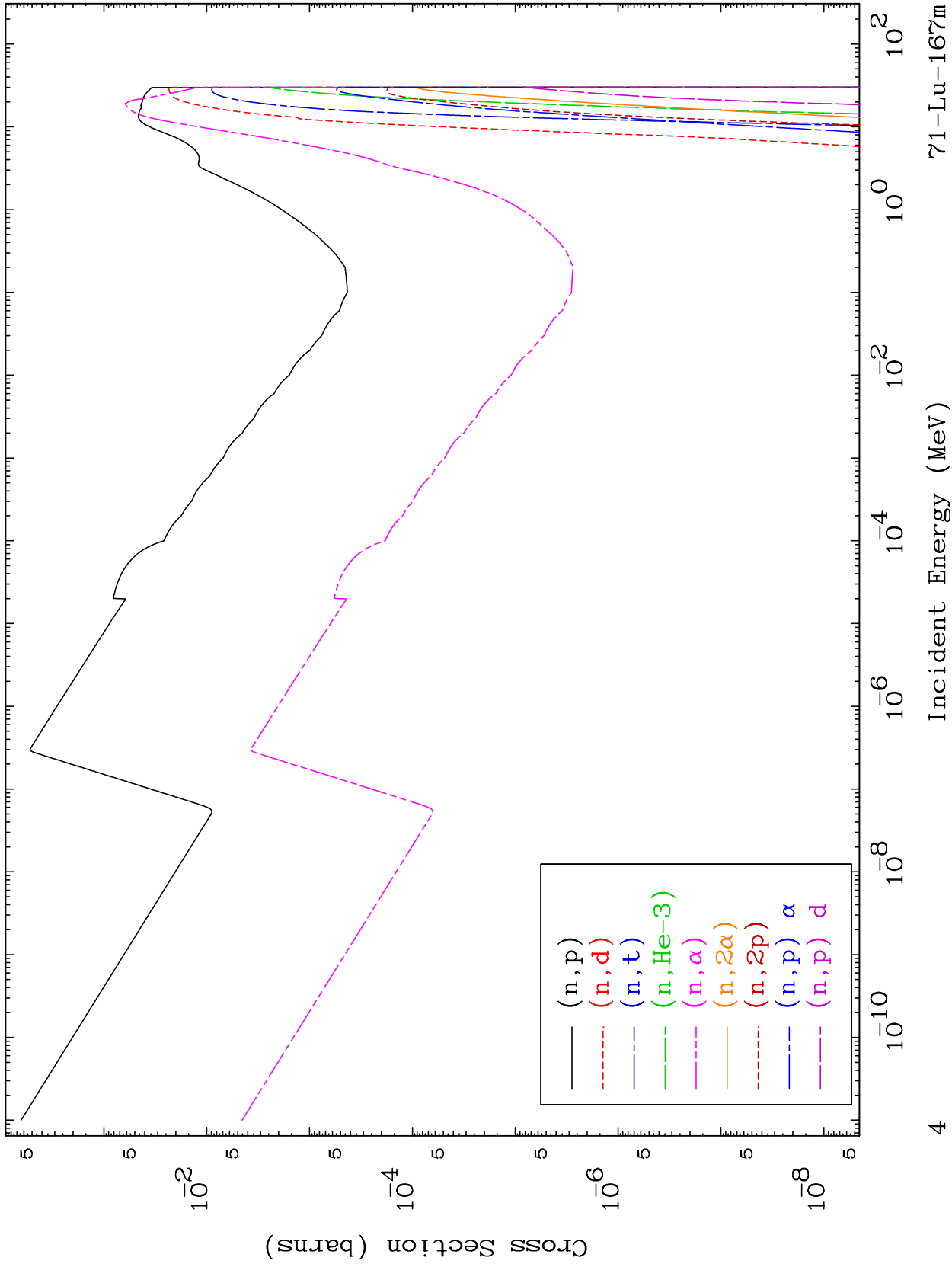


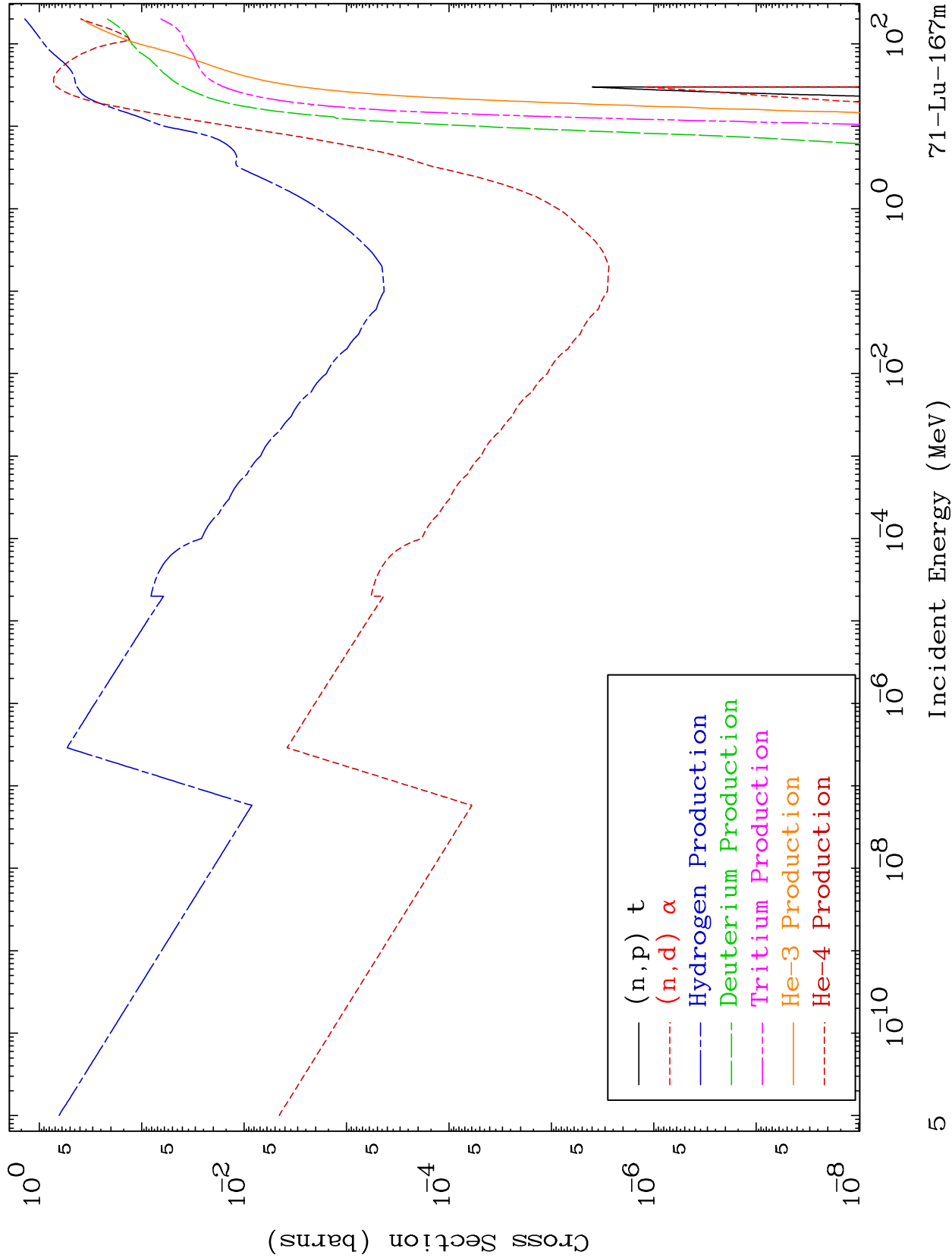


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Neutron Absorption  
293 Kelvin Cross Sections

71-Lu-167m

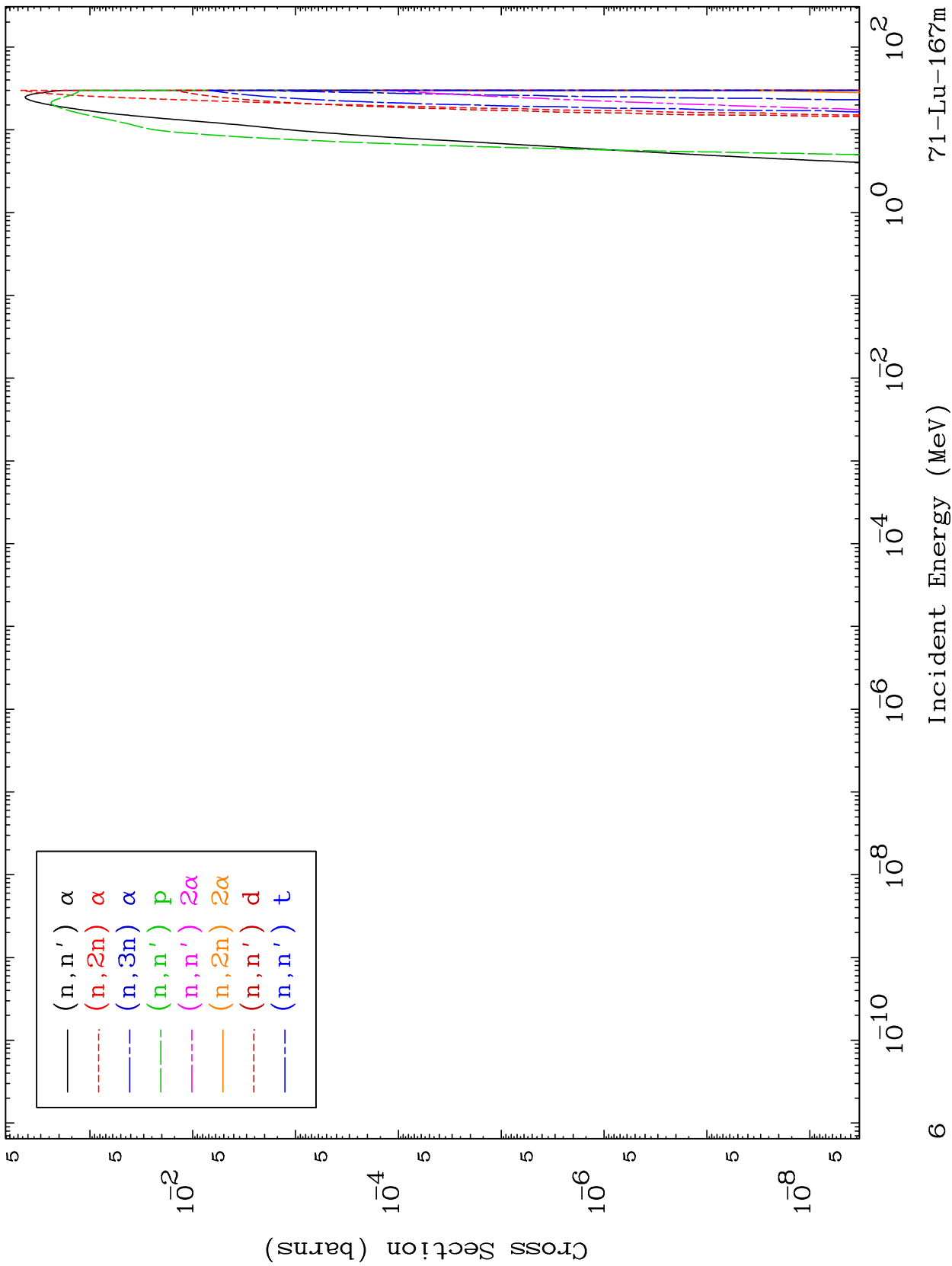




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Charged Particle  
293 Kelvin Cross Sections

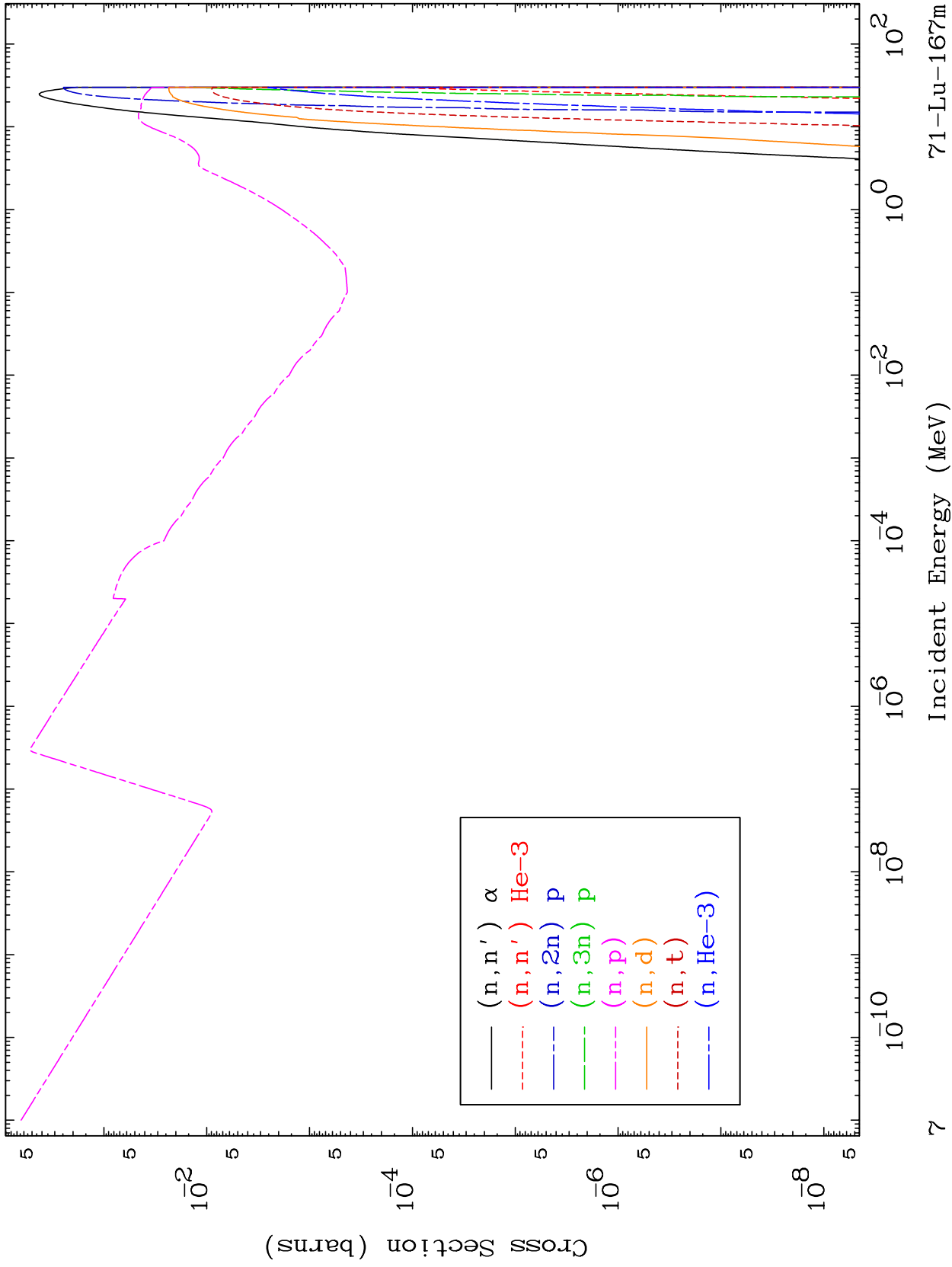
71-Lu-167m



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Charged Particle  
293 Kelvin Cross Sections

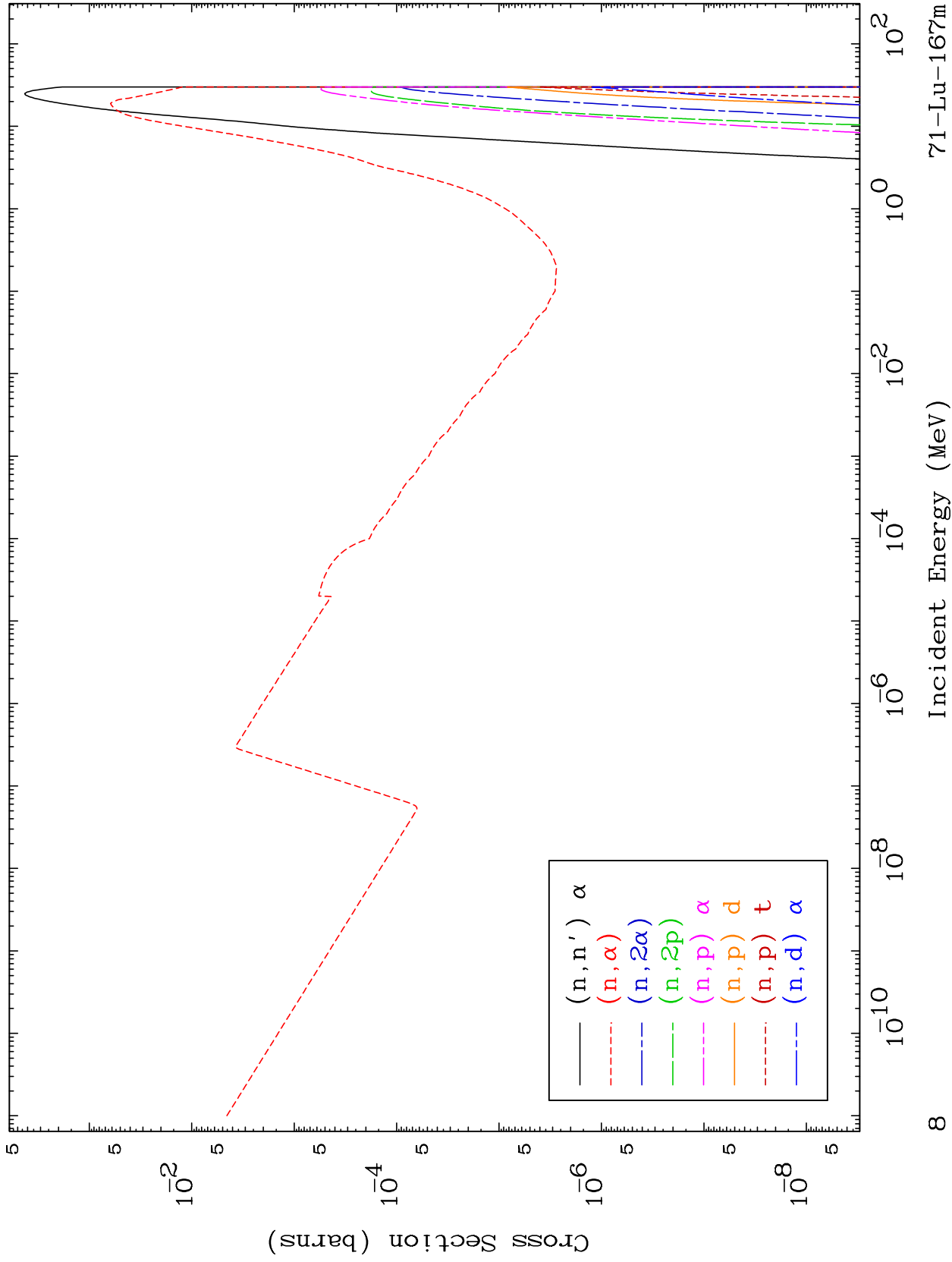
<sup>71</sup>Lu-167m

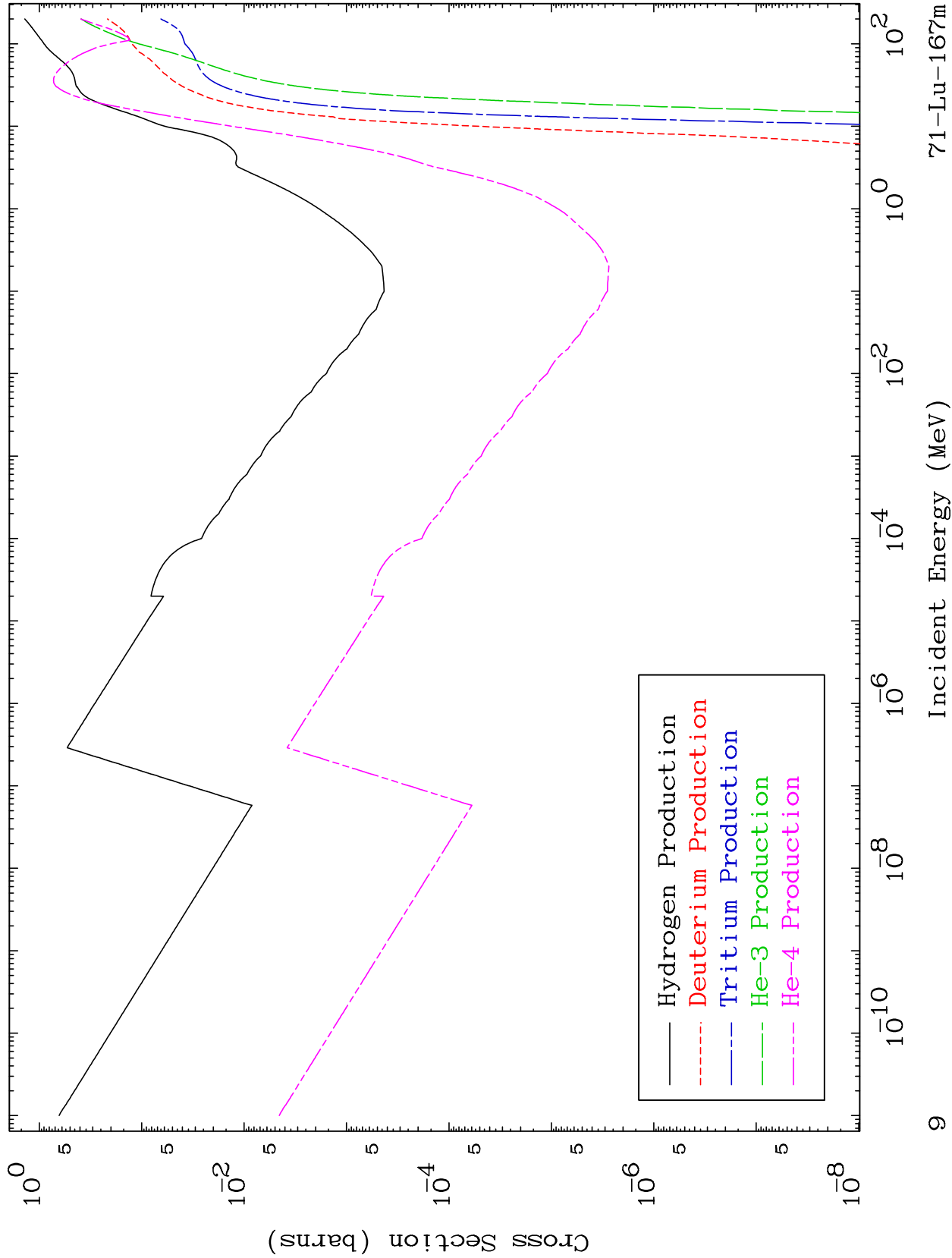


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Charged Particle  
293 Kelvin Cross Sections

71-Lu-167m

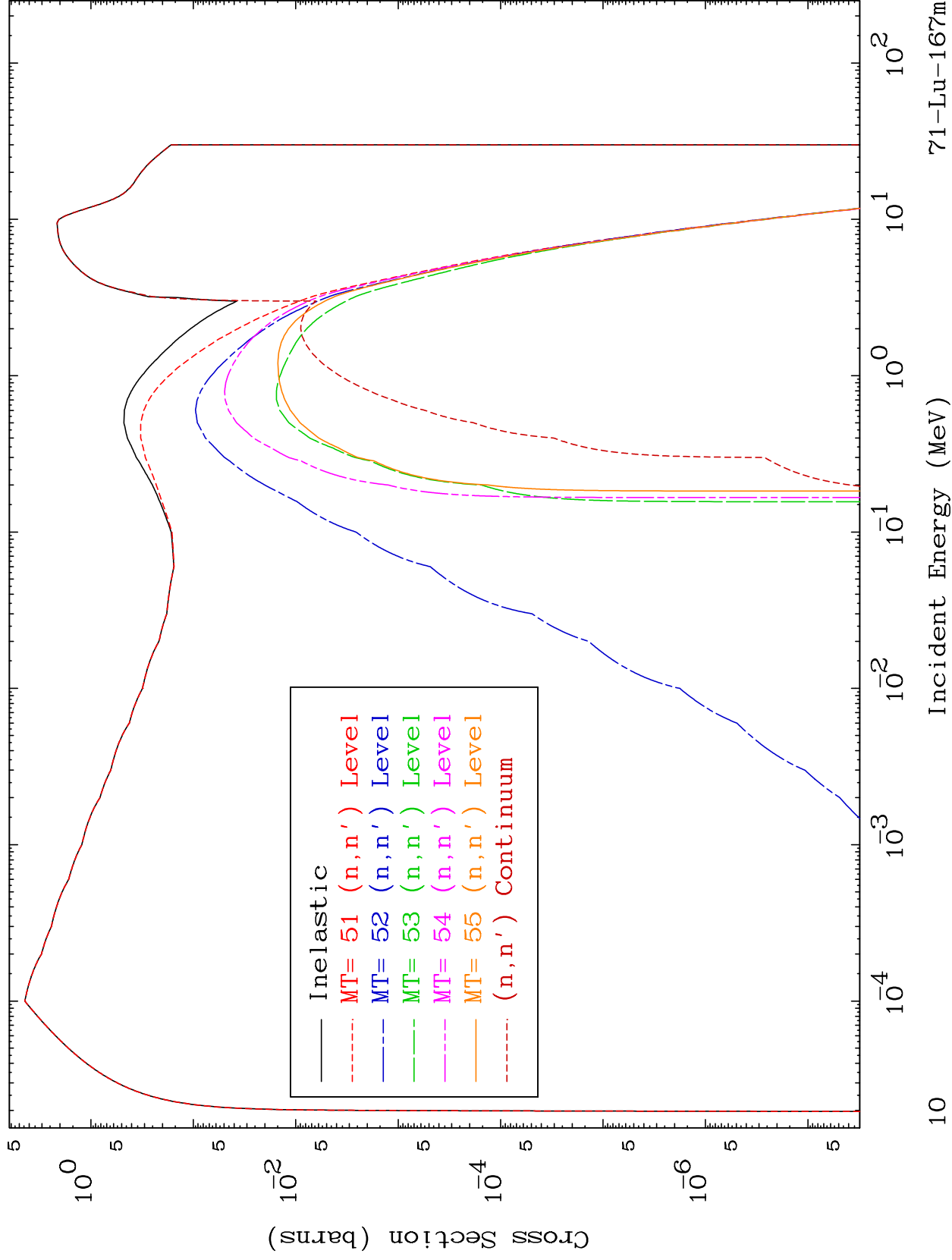




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293 Kelvin Cross Sections  
(n,n') Levels

71-Lu-167m



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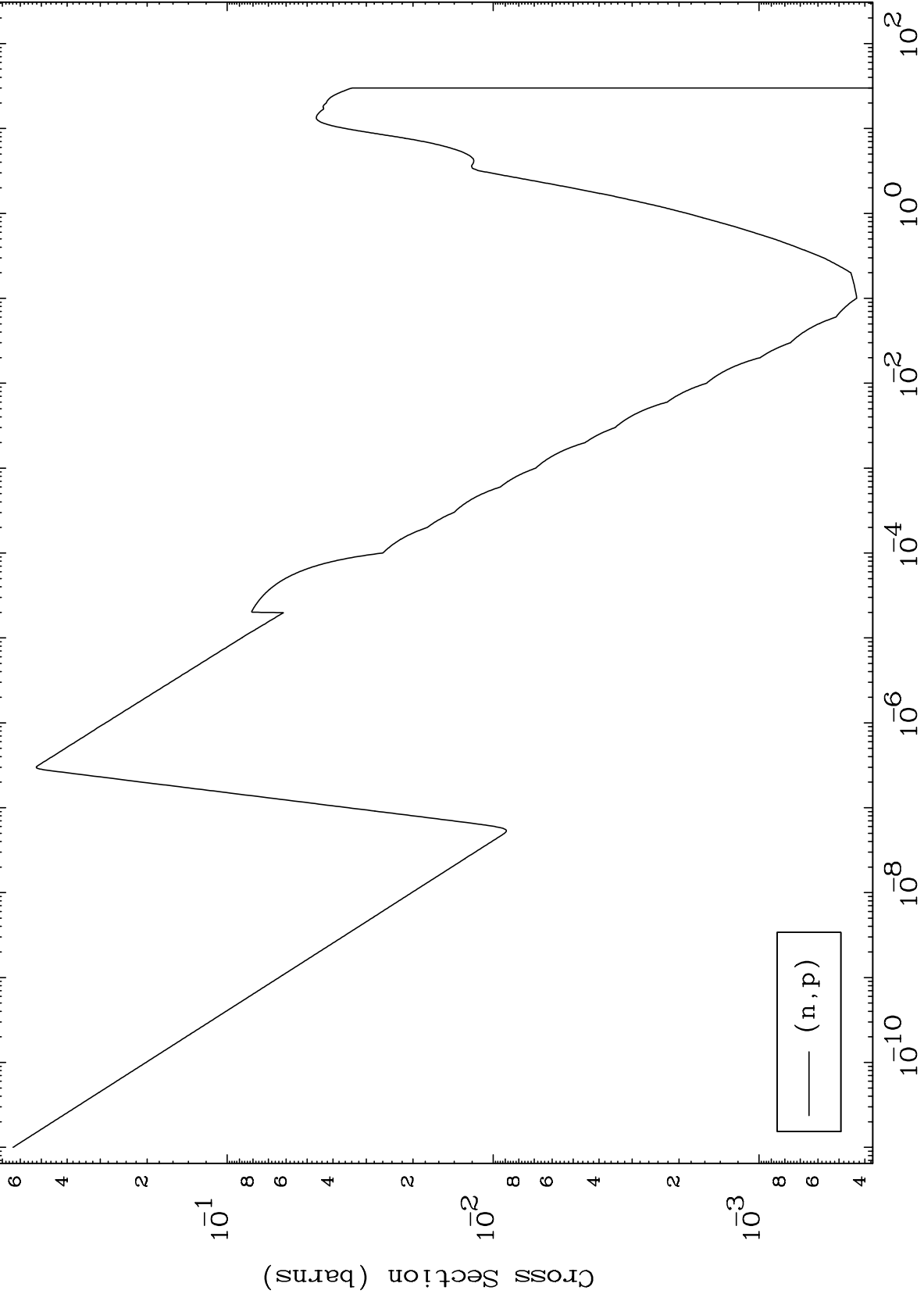
Incident Energy (MeV)

71-Lu-167m

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(n,p) Levels  
293 Kelvin Cross Sections

71-Lu-167m



(n,p)

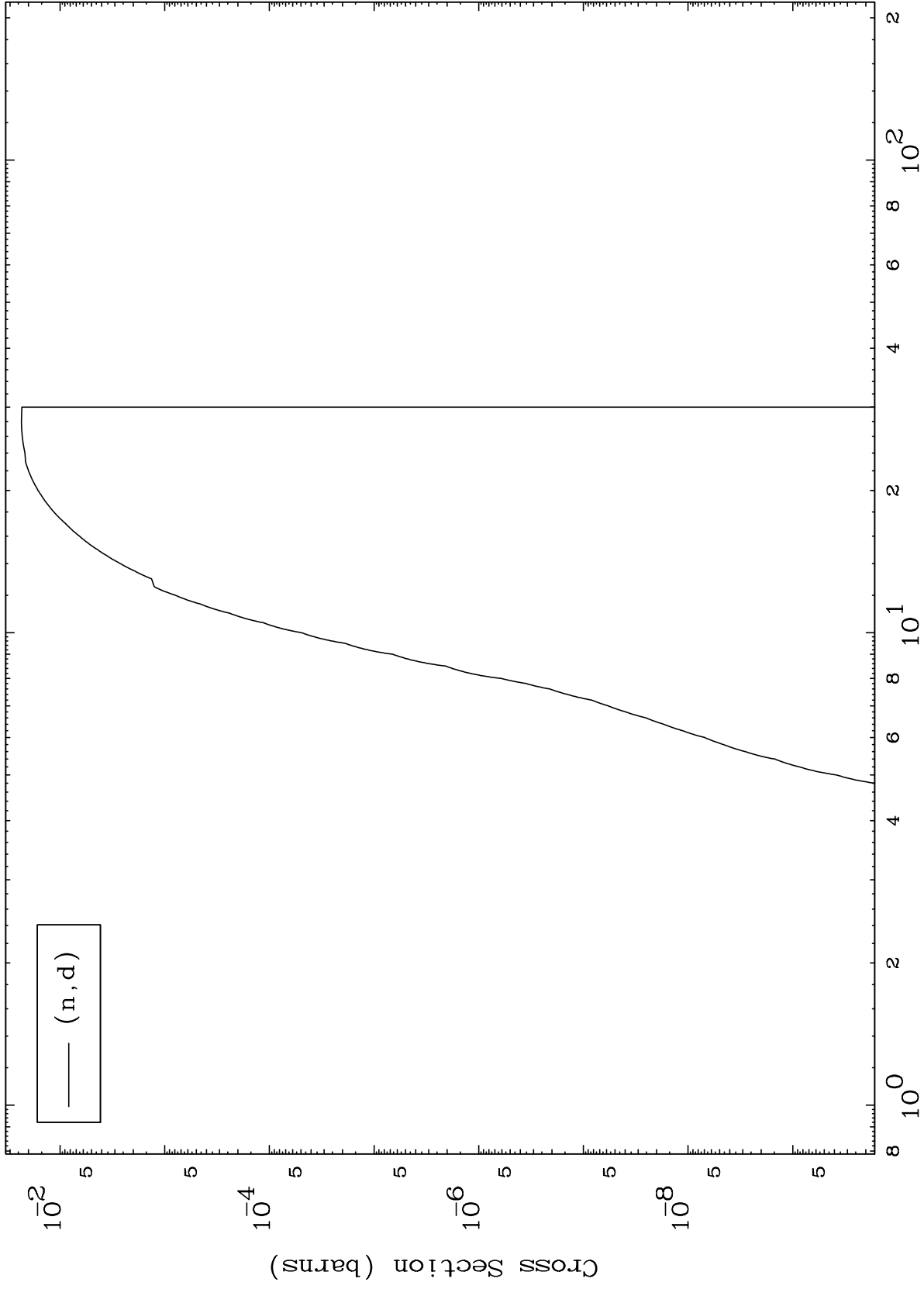
71-Lu-167m

Incident Energy (MeV)

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(n,d) Levels  
293 Kelvin Cross Sections

71-Lu-167m



12

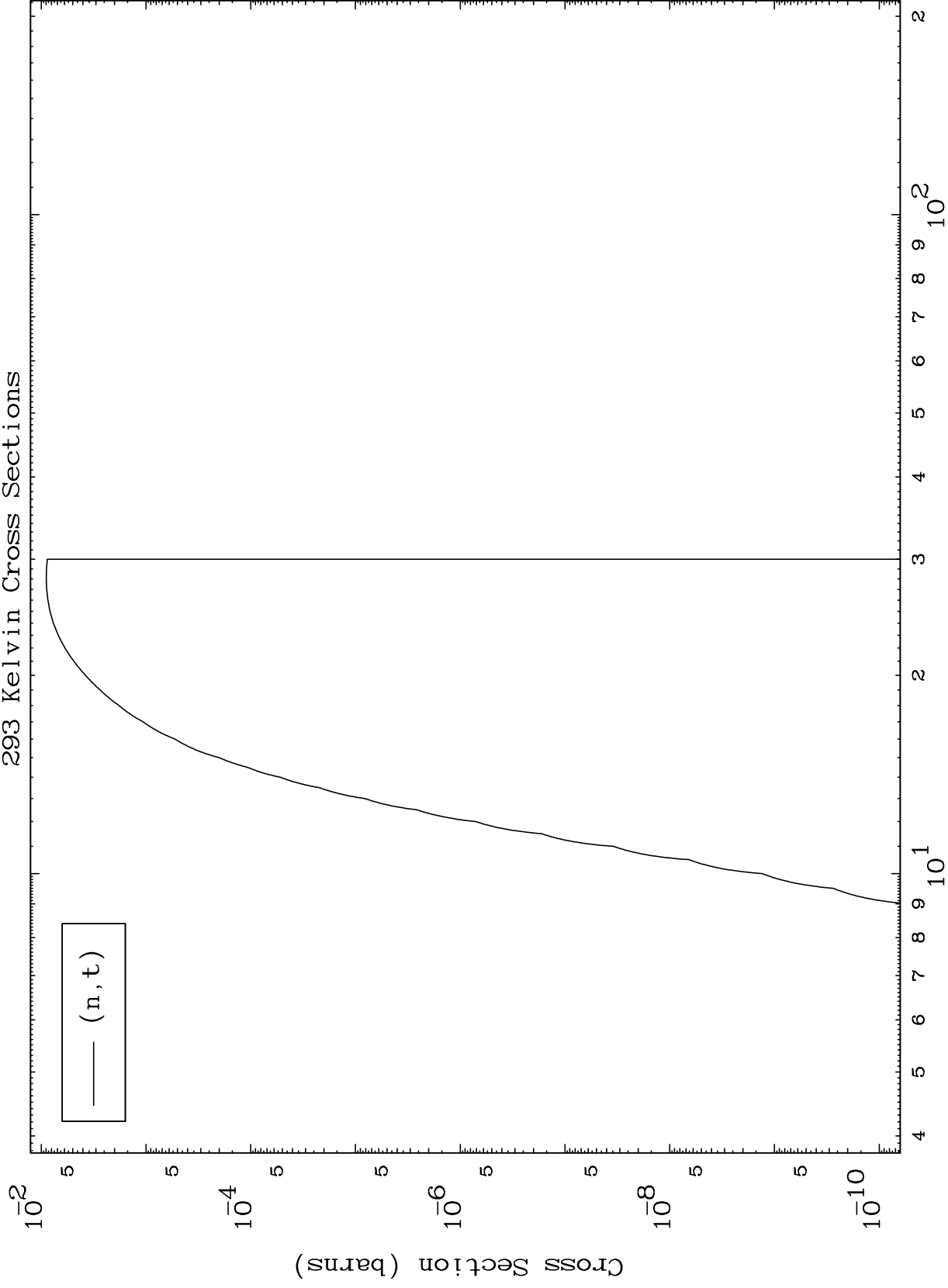
Incident Energy (MeV)

71-Lu-167m

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(n,t) Levels  
293 Kelvin Cross Sections

71-Lu-167m



Incident Energy (MeV)

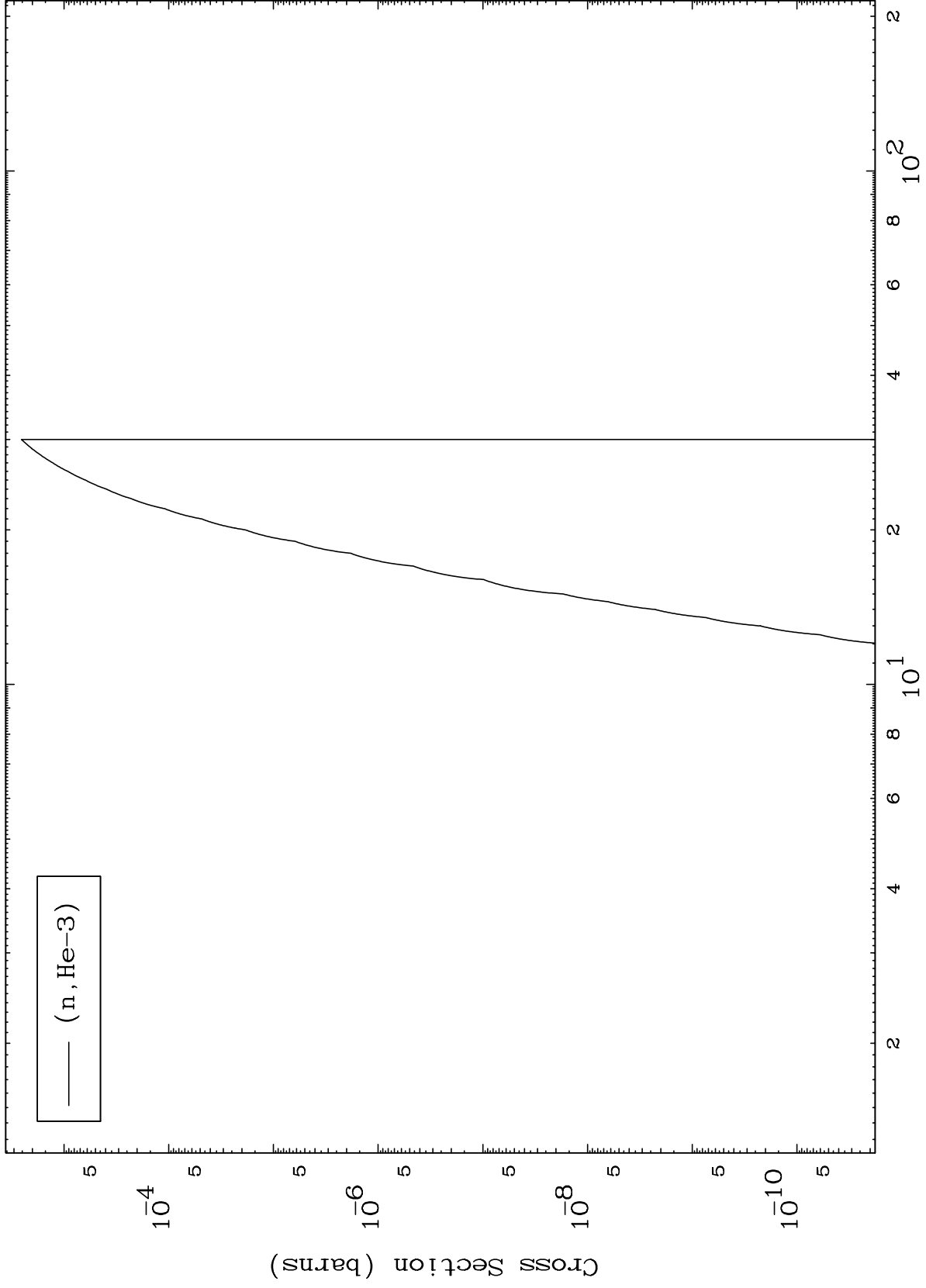
71-Lu-167m

13

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(n,He3) Levels  
293 Kelvin Cross Sections

71-Lu-167m



14

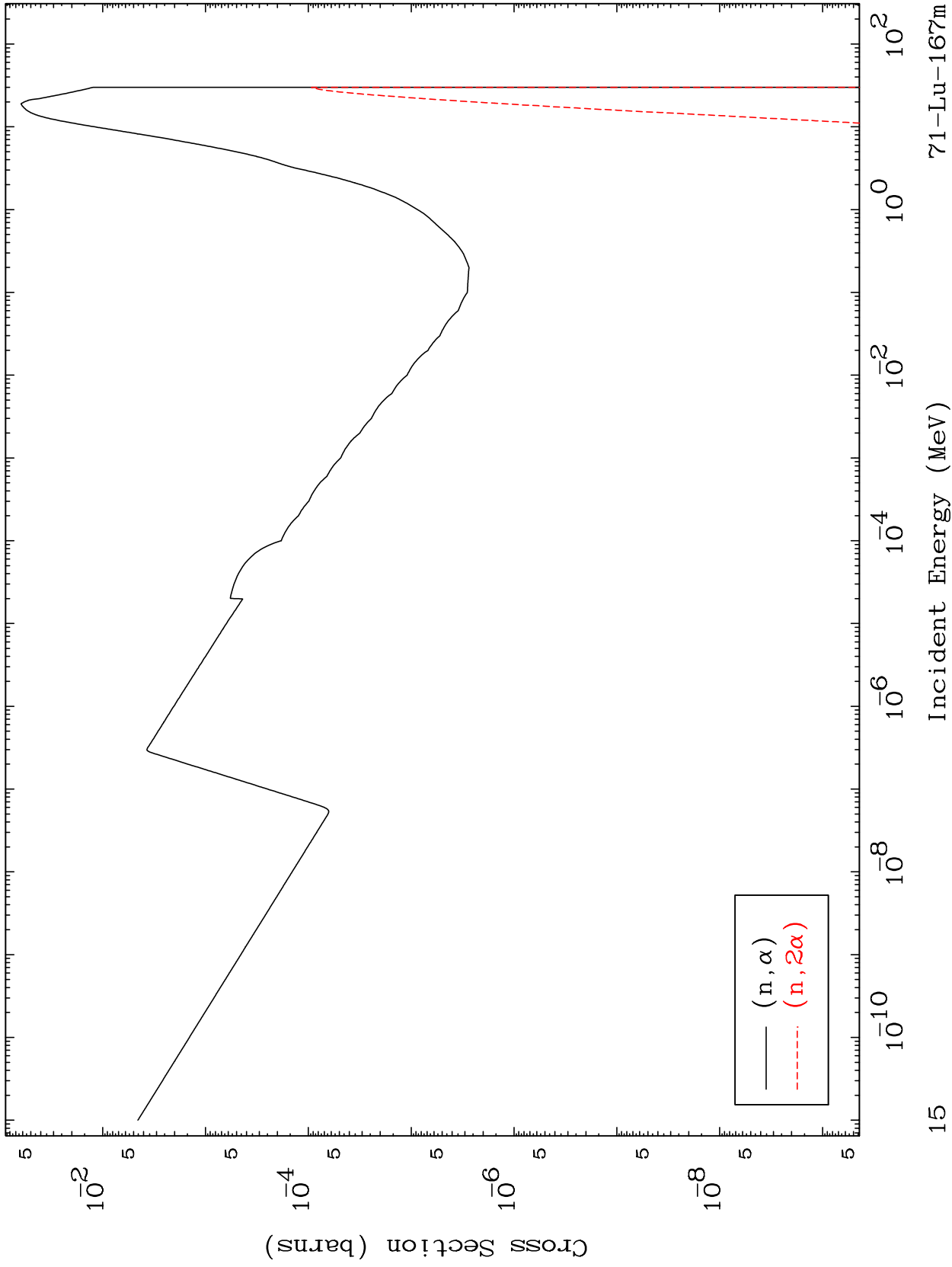
Incident Energy (MeV)

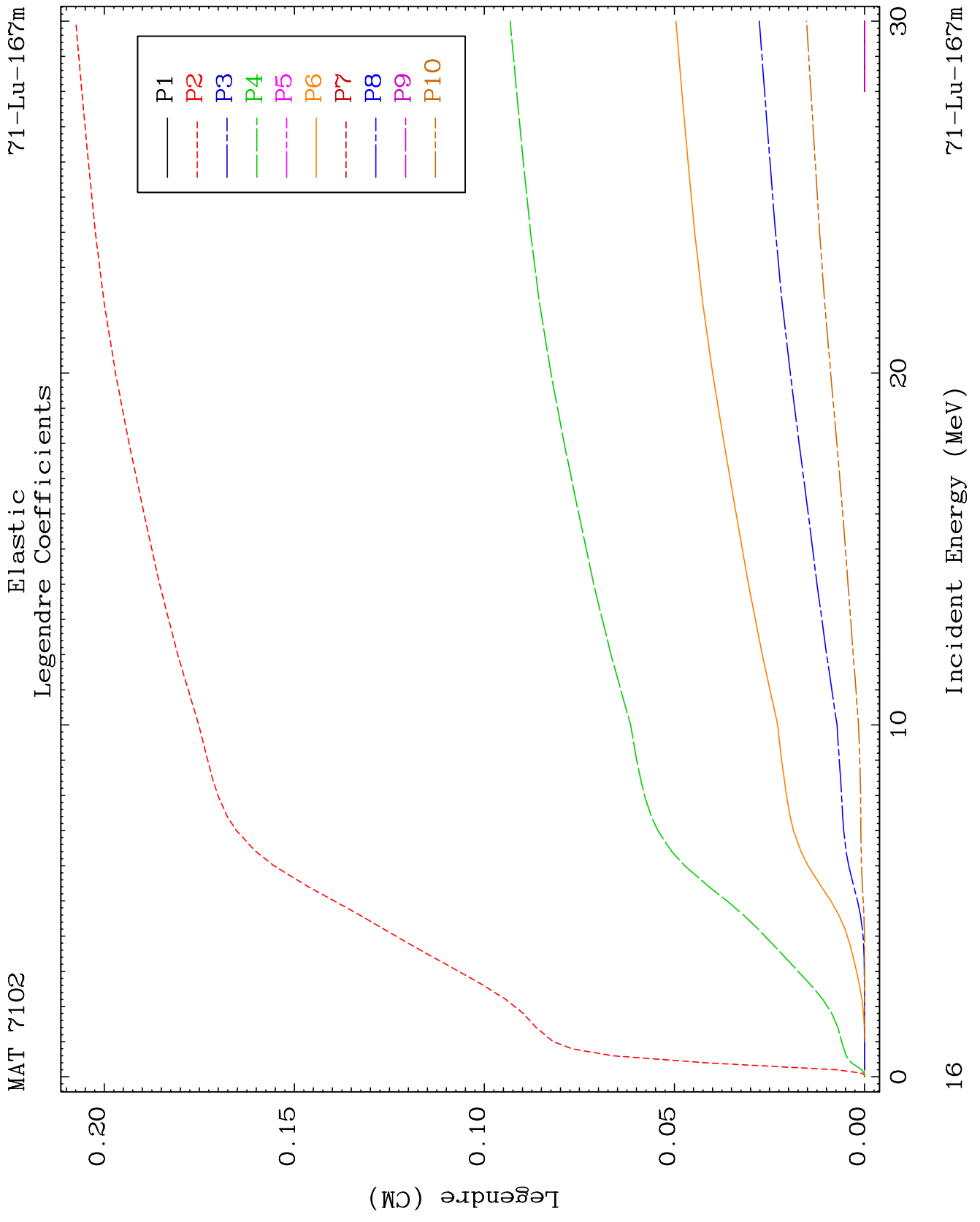
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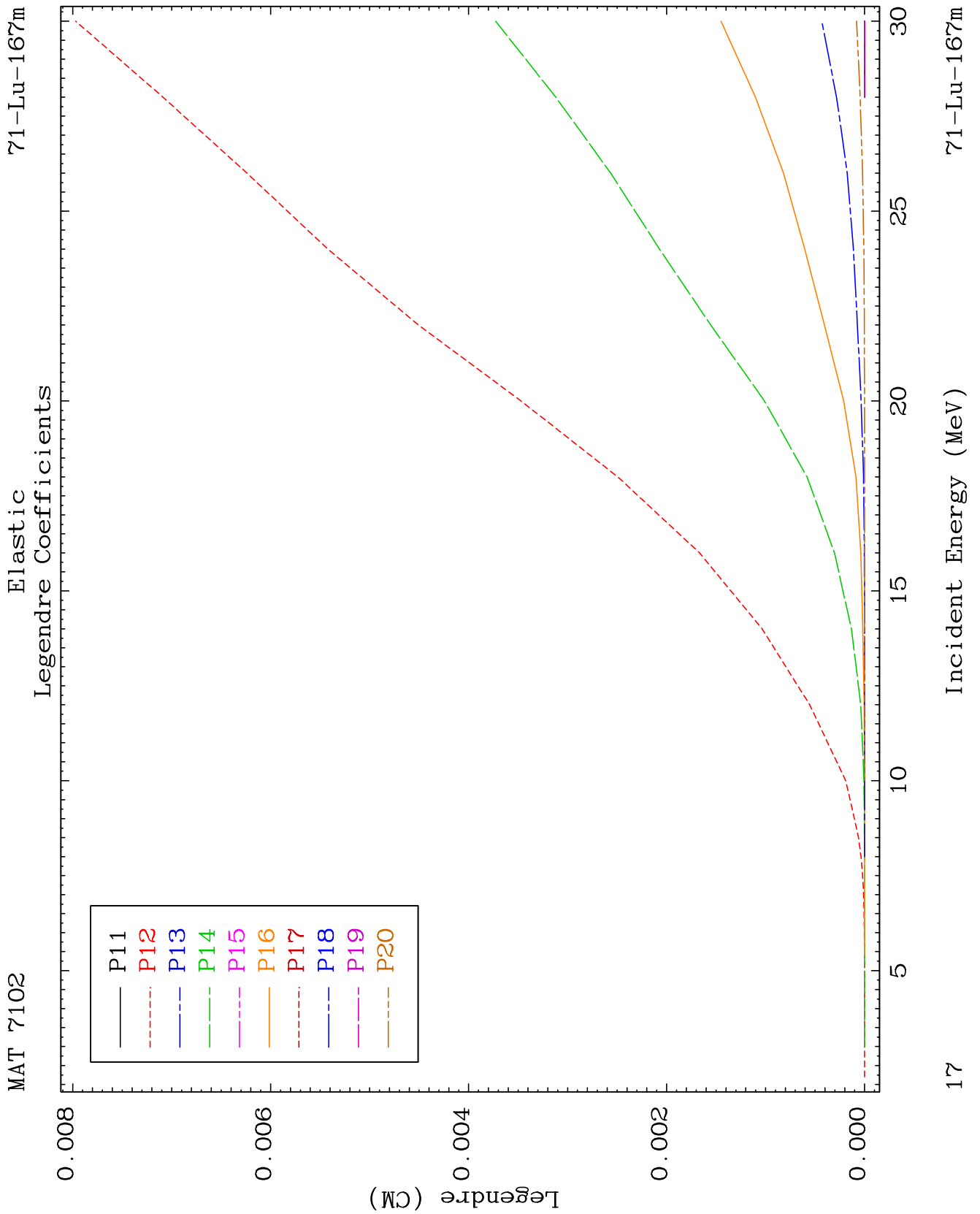
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(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

<sup>71</sup>Lu-167m



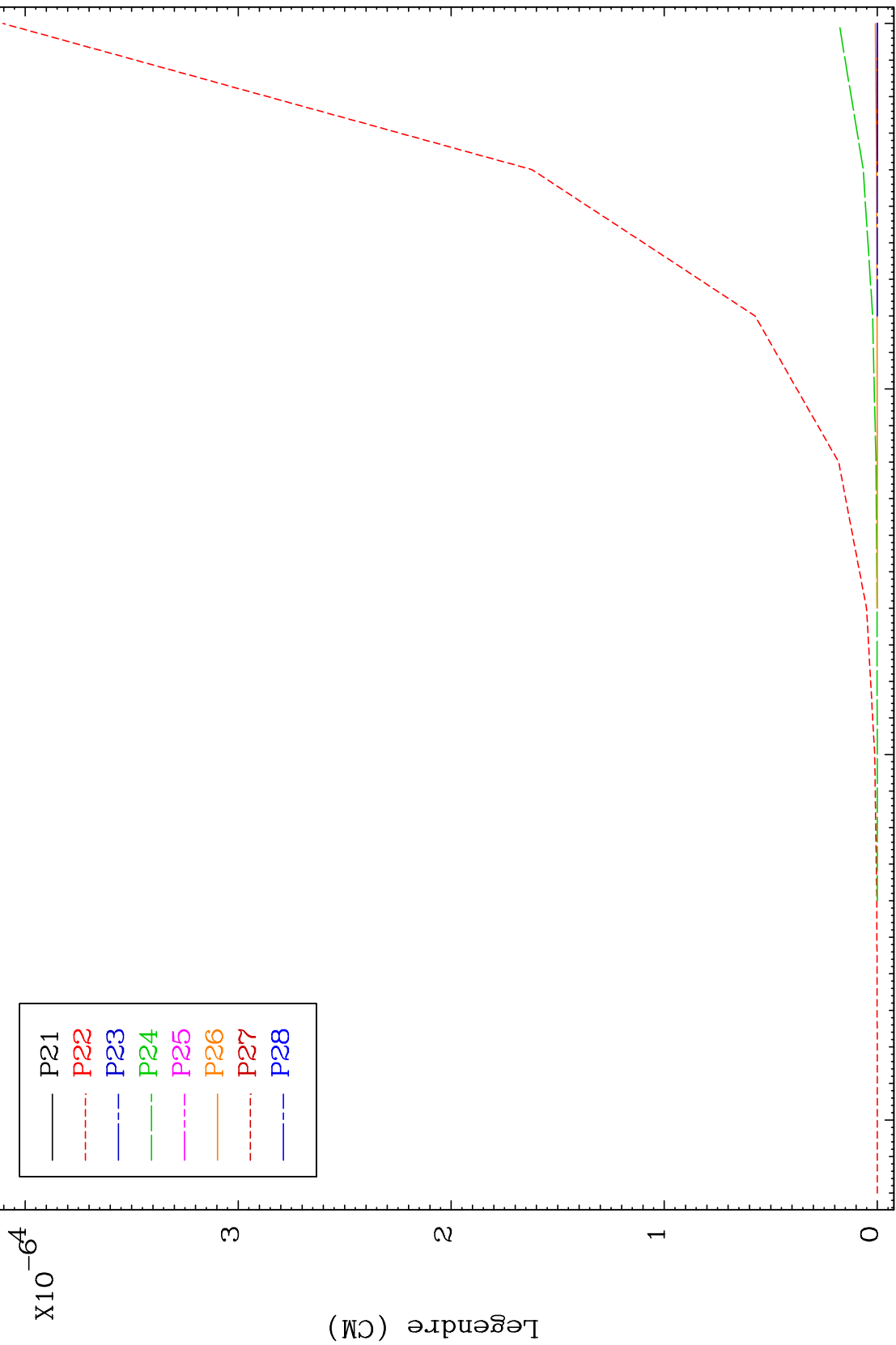




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Elastic  
Legendre Coefficients

71-Lu-167m



18

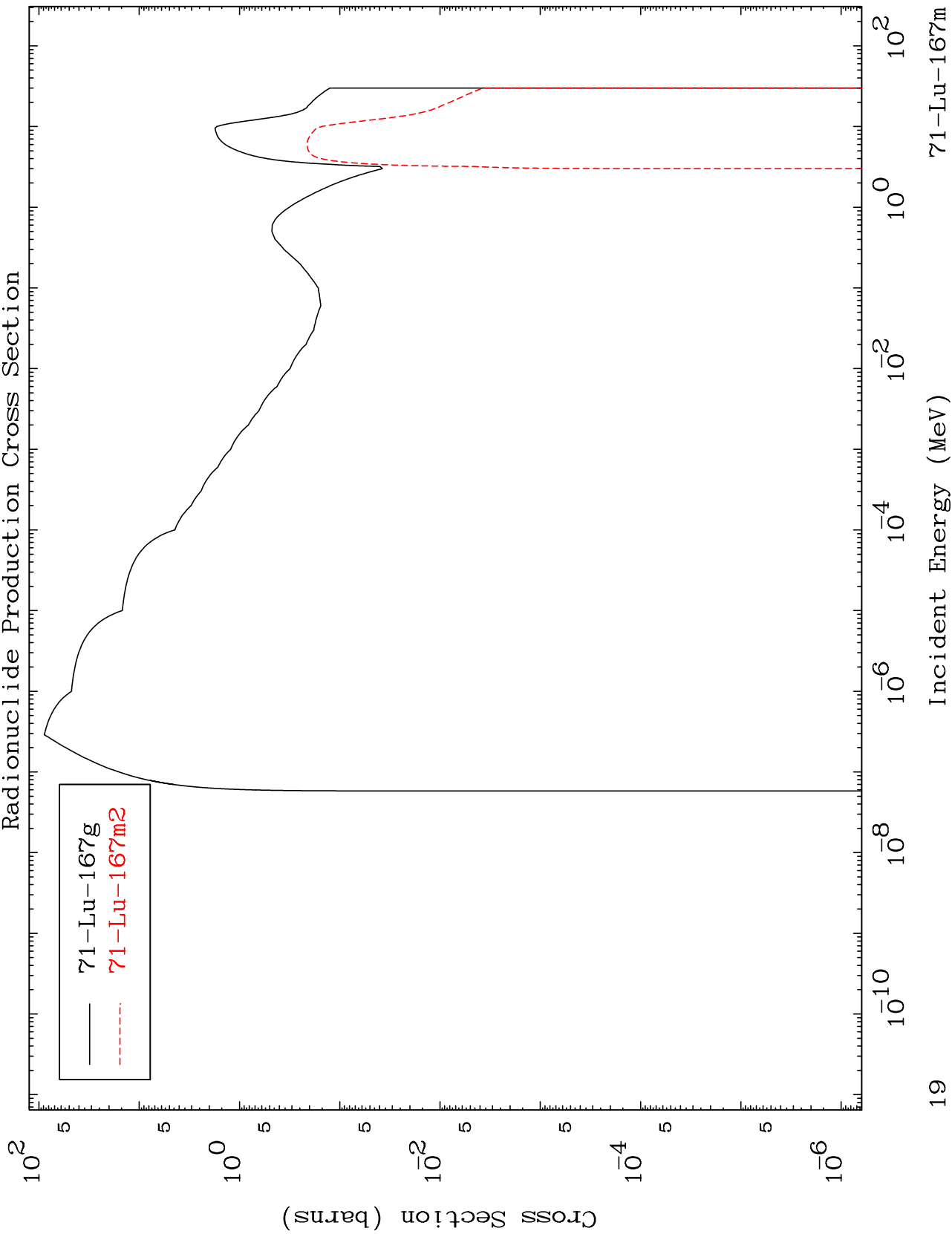
Incident Energy (MeV)

71-Lu-167m

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Inelastic  
Radionuclide Production Cross Section

<sup>71</sup>Lu-167m

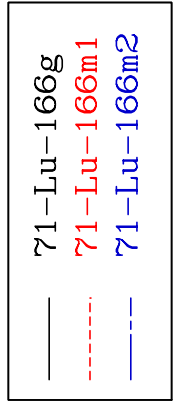
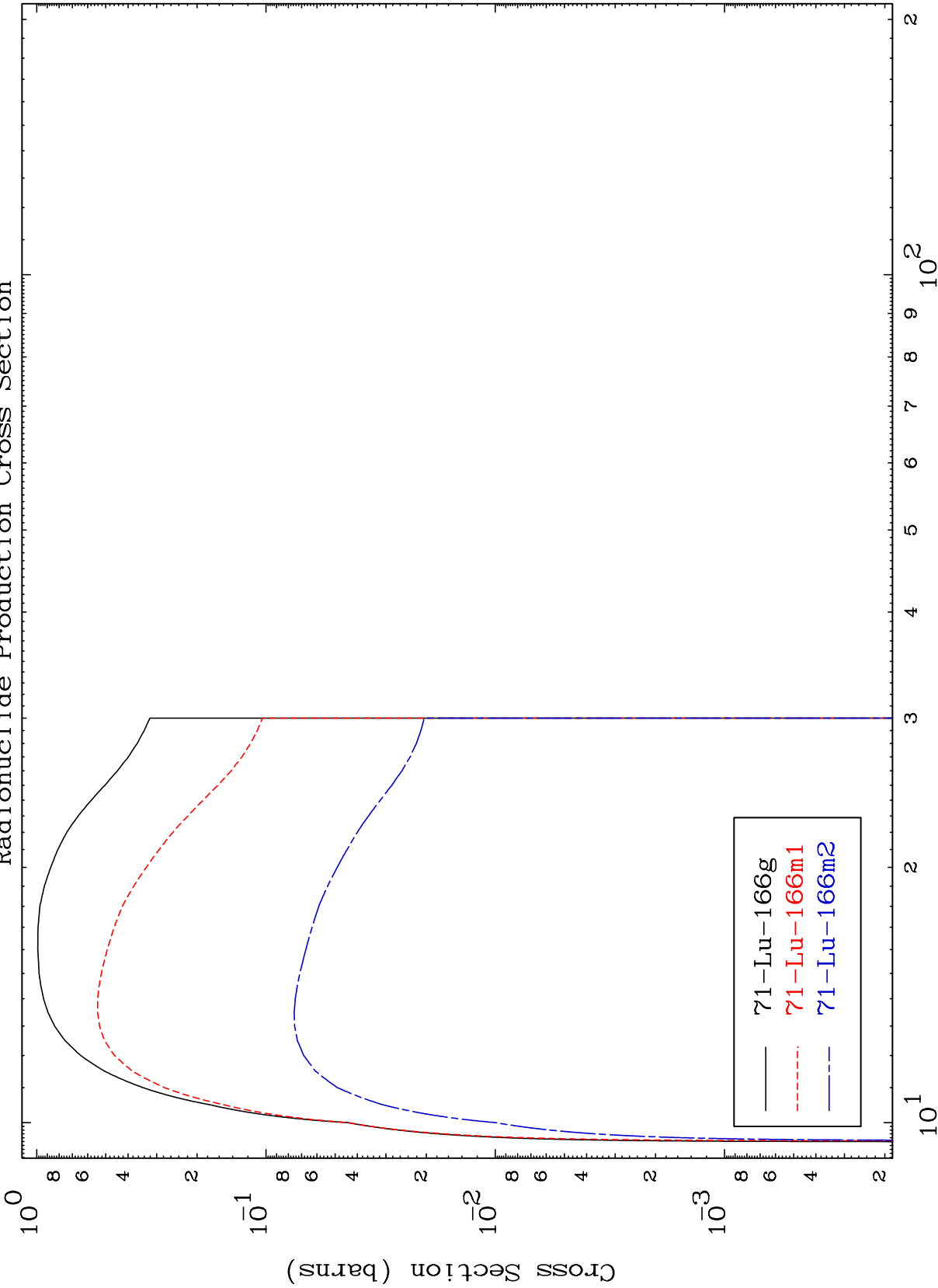


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(n,2n)

<sup>71</sup>Lu-167m

Radionuclide Production Cross Section



Incident Energy (MeV)

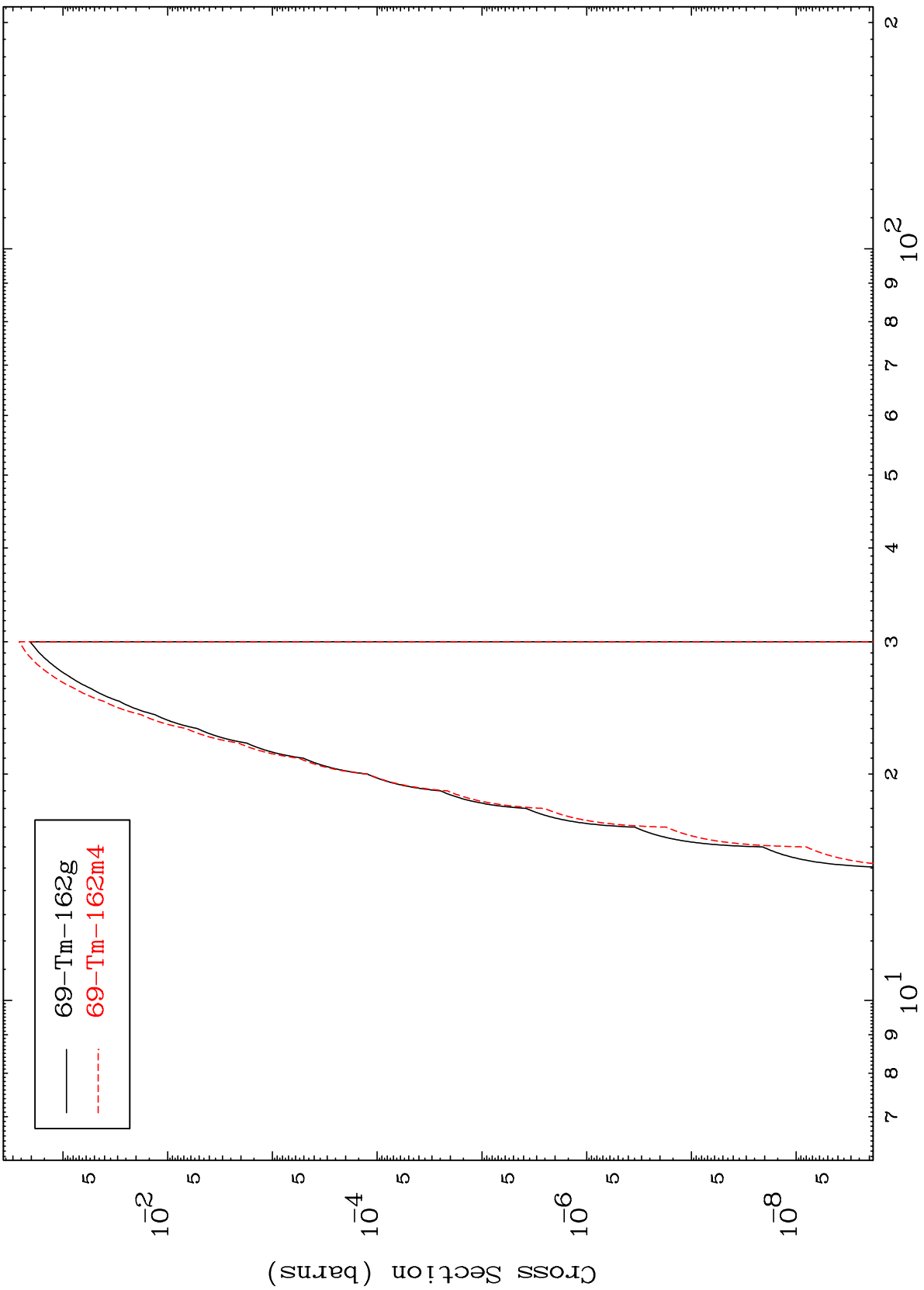
<sup>71</sup>Lu-167m

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$(n,2n) \alpha$

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

Radionuclide Production Cross Section

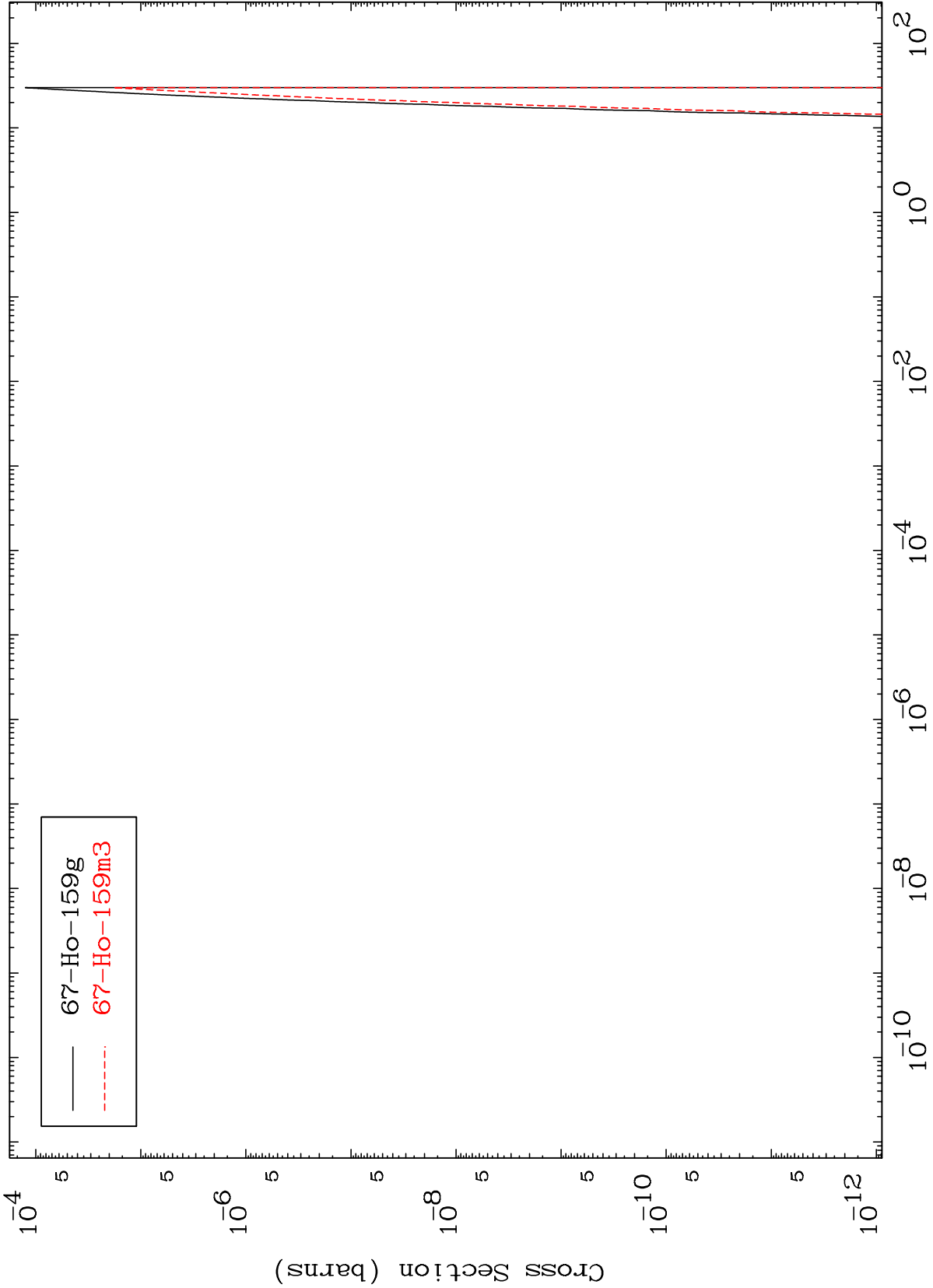


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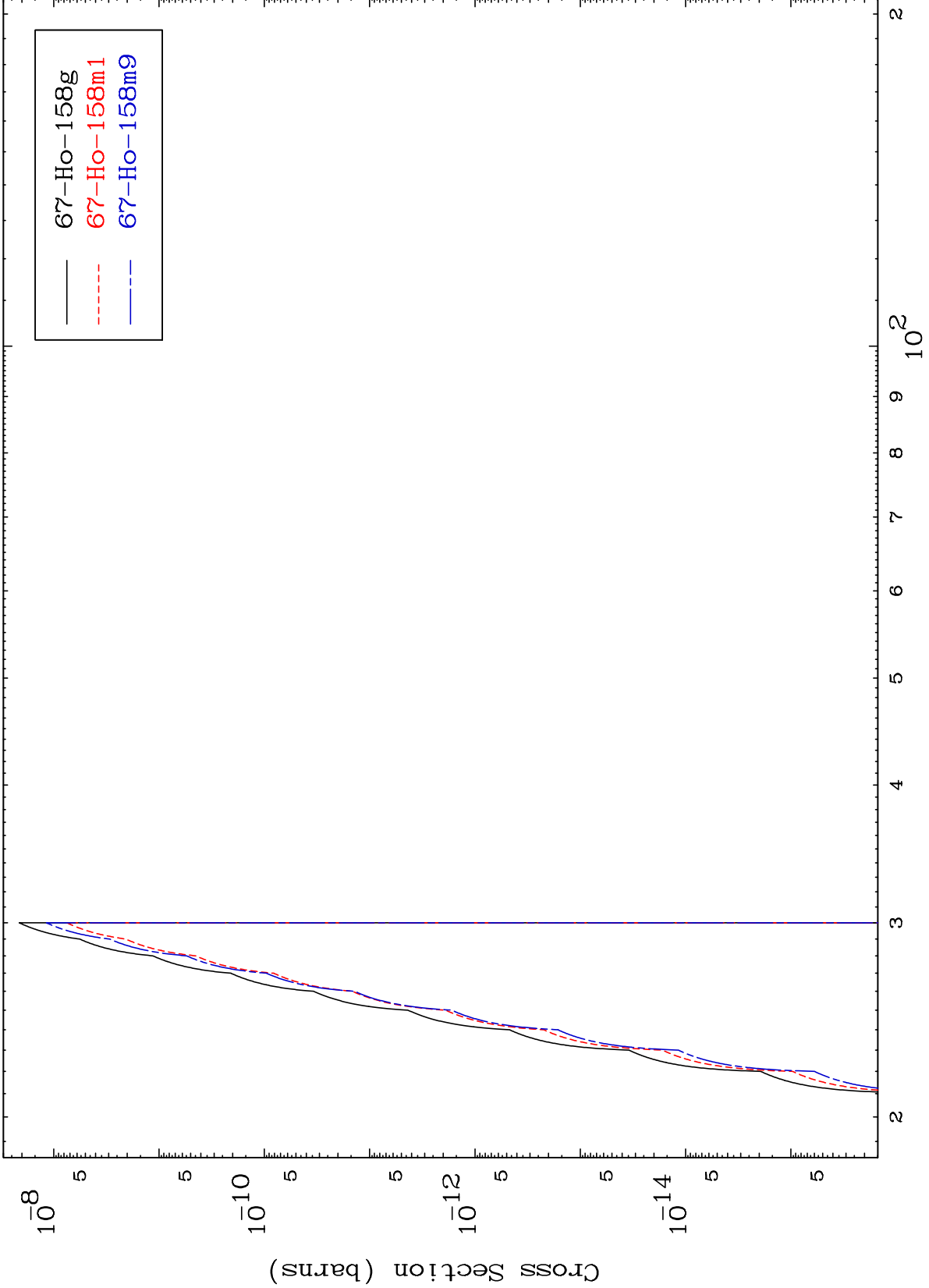
(n,n') 2α

71-Lu-167m

Radionuclide Production Cross Section



Radionuclide Production Cross Section

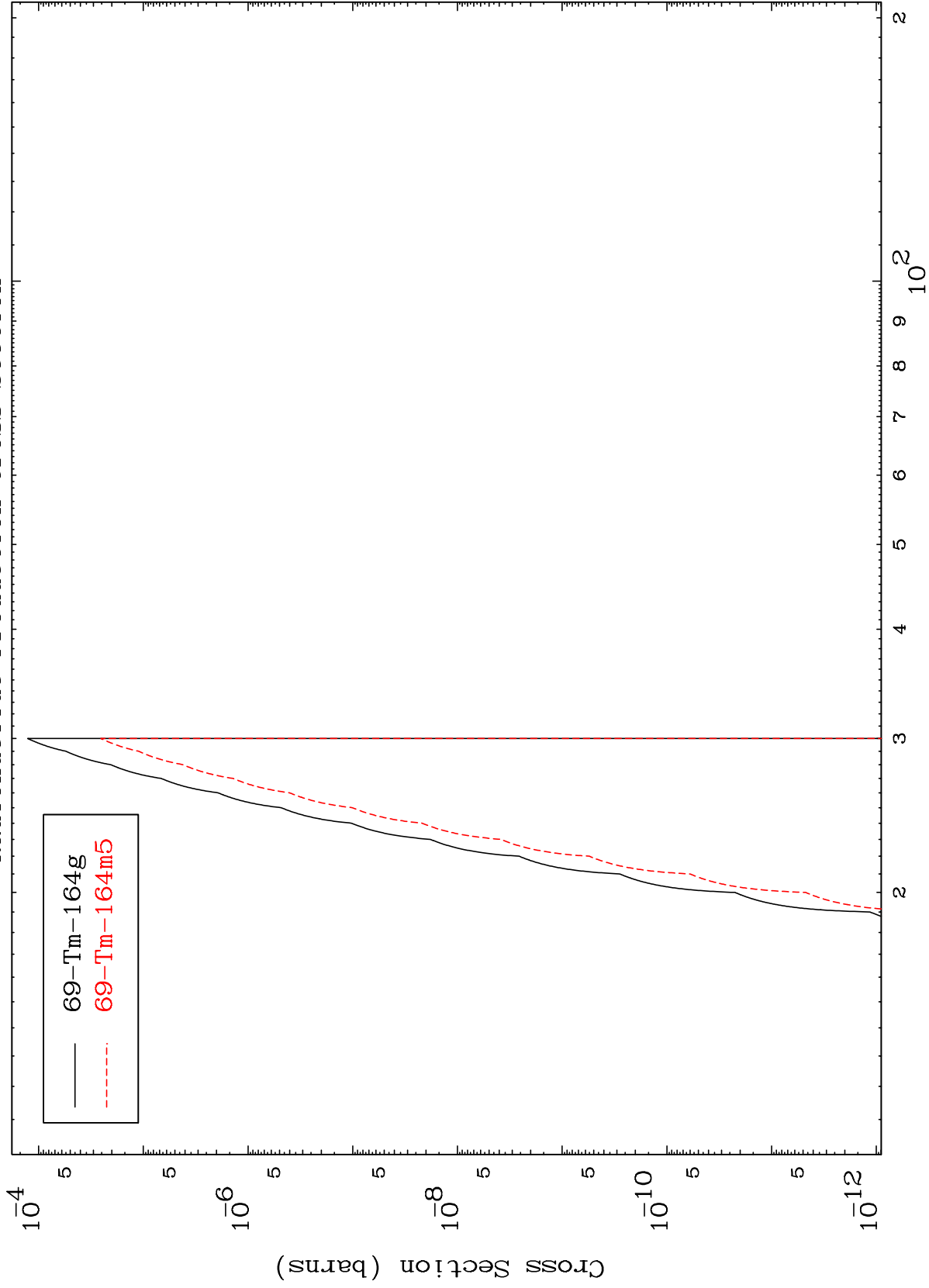


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(n,n') He-3

71-Lu-167m

Radionuclide Production Cross Section



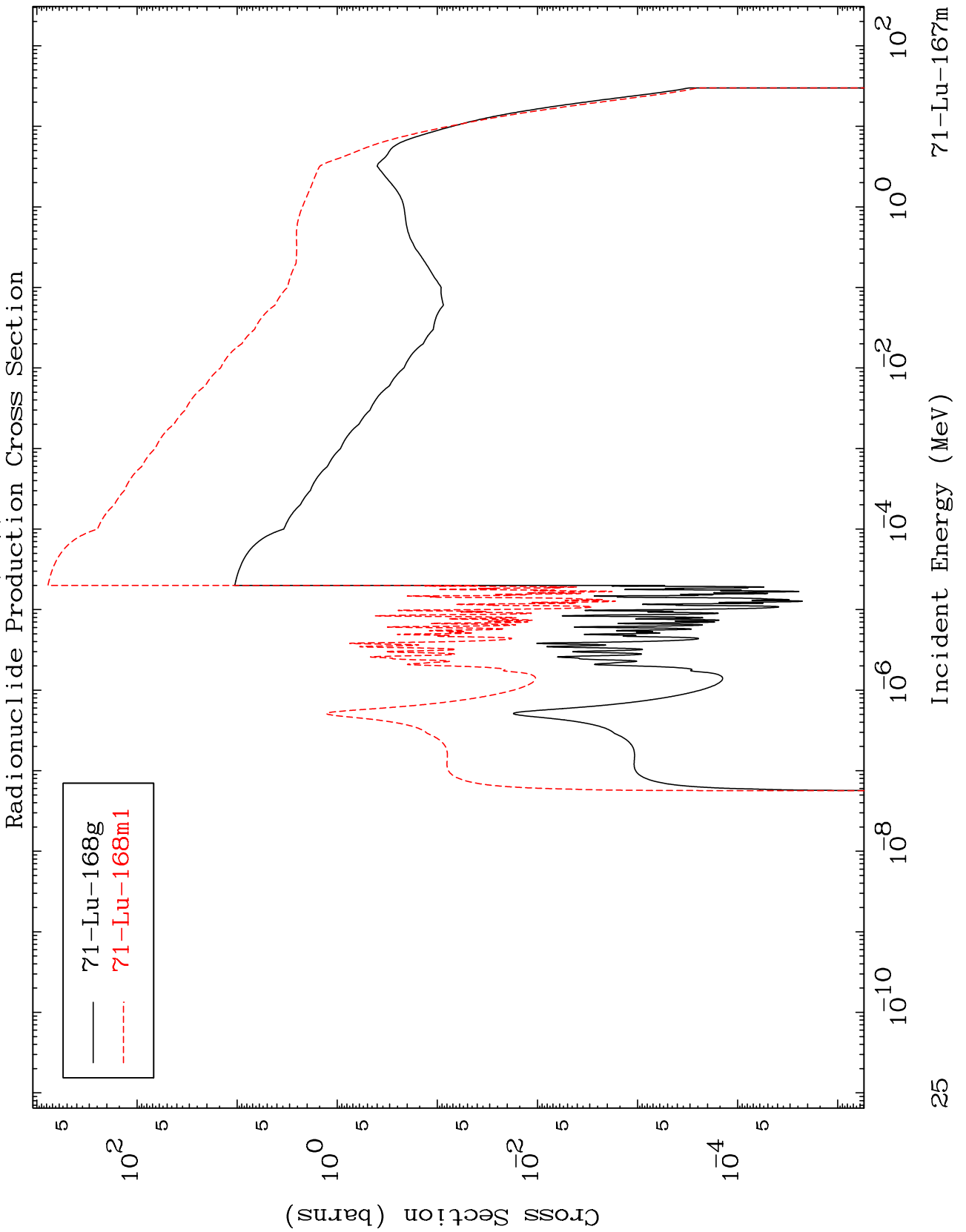
24

Incident Energy (MeV)

71-Lu-167m

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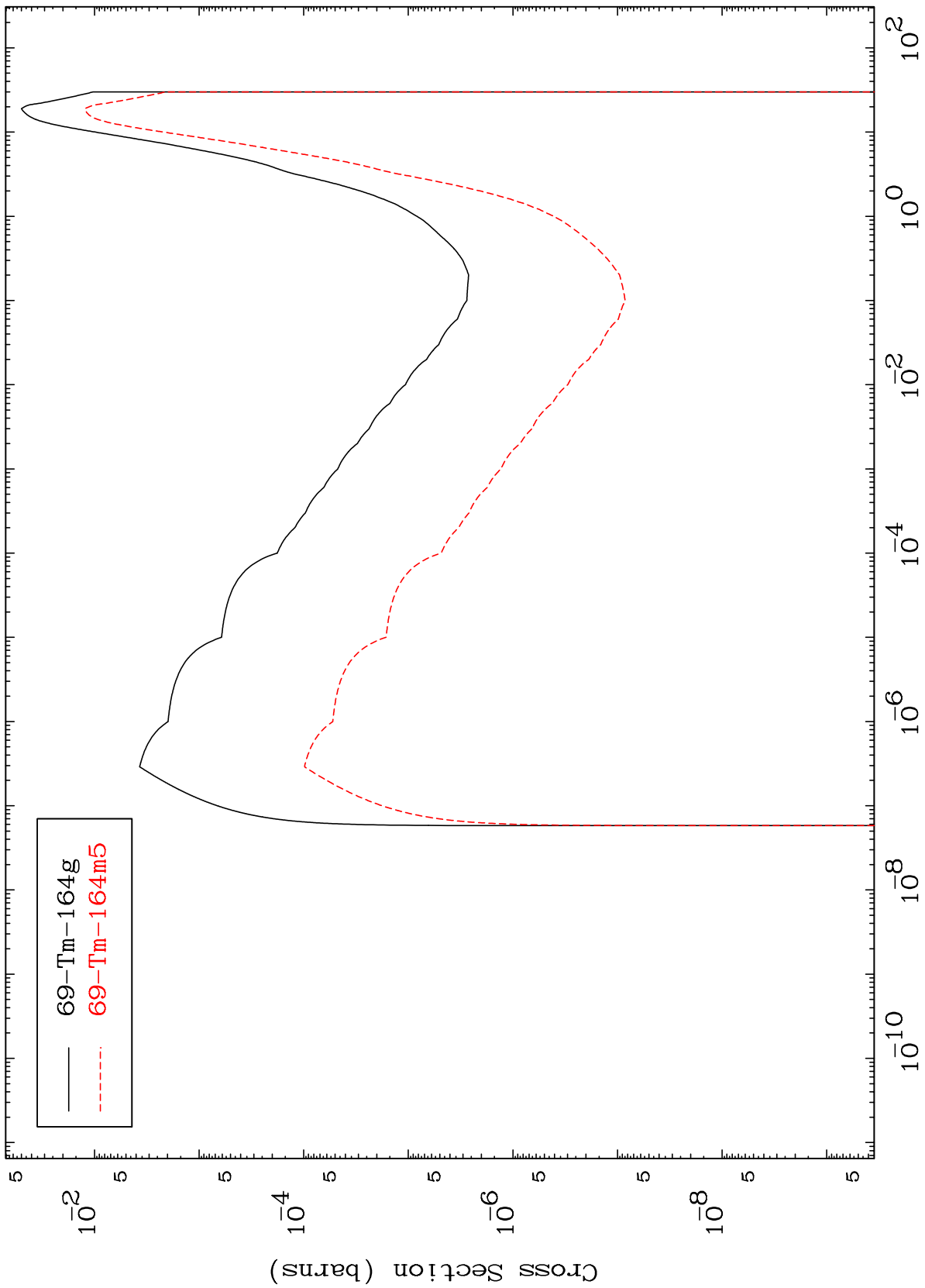
<sup>71</sup>Lu-167m



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<sup>71</sup>Lu-167m

Radionuclide Production Cross Section



— 69-Tm-164g  
- - - 69-Tm-164m5

Incident Energy (MeV)

<sup>71</sup>Lu-167m

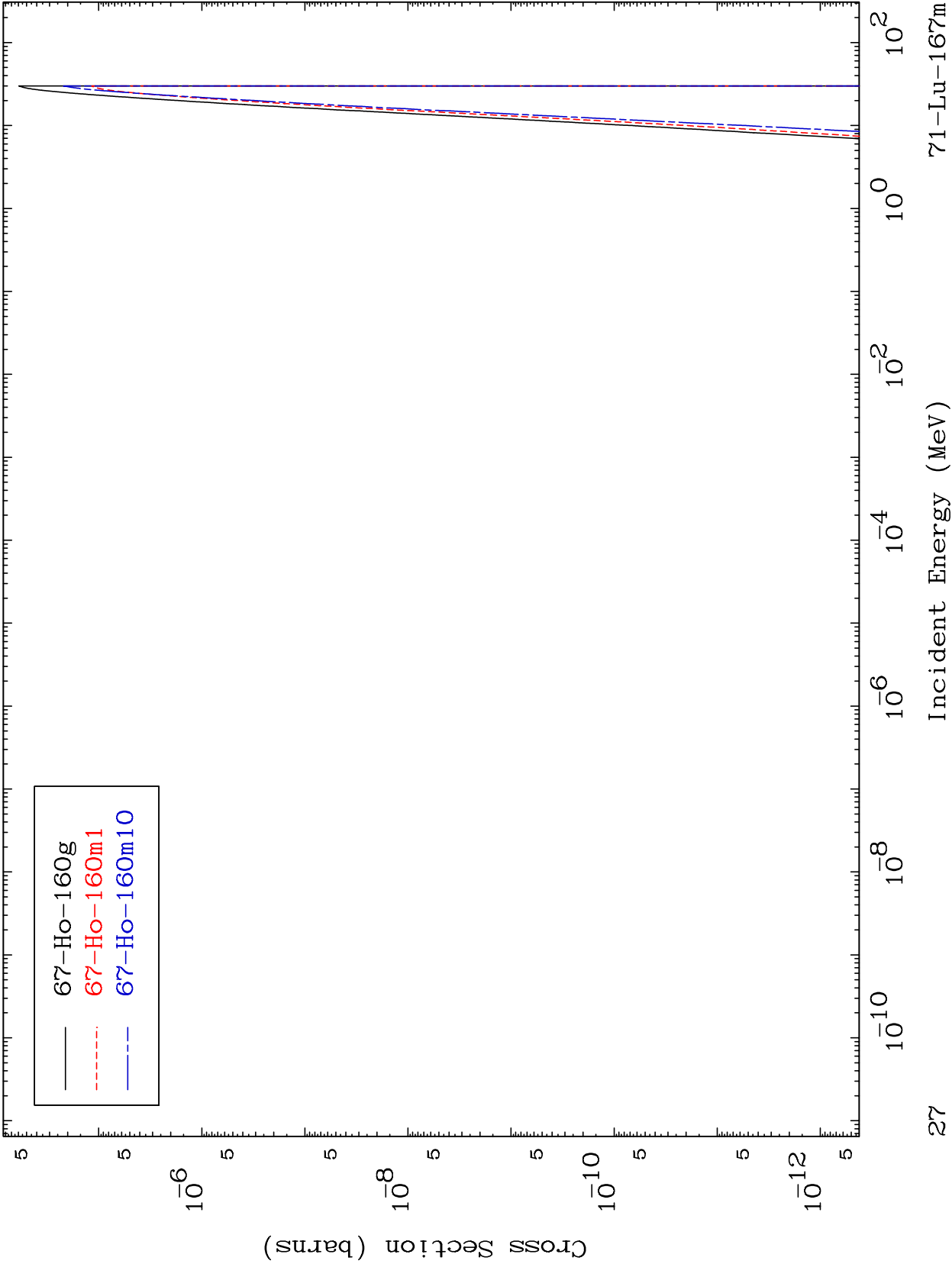
26

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(n,2α)

<sup>71</sup>Lu-167m

Radionuclide Production Cross Section

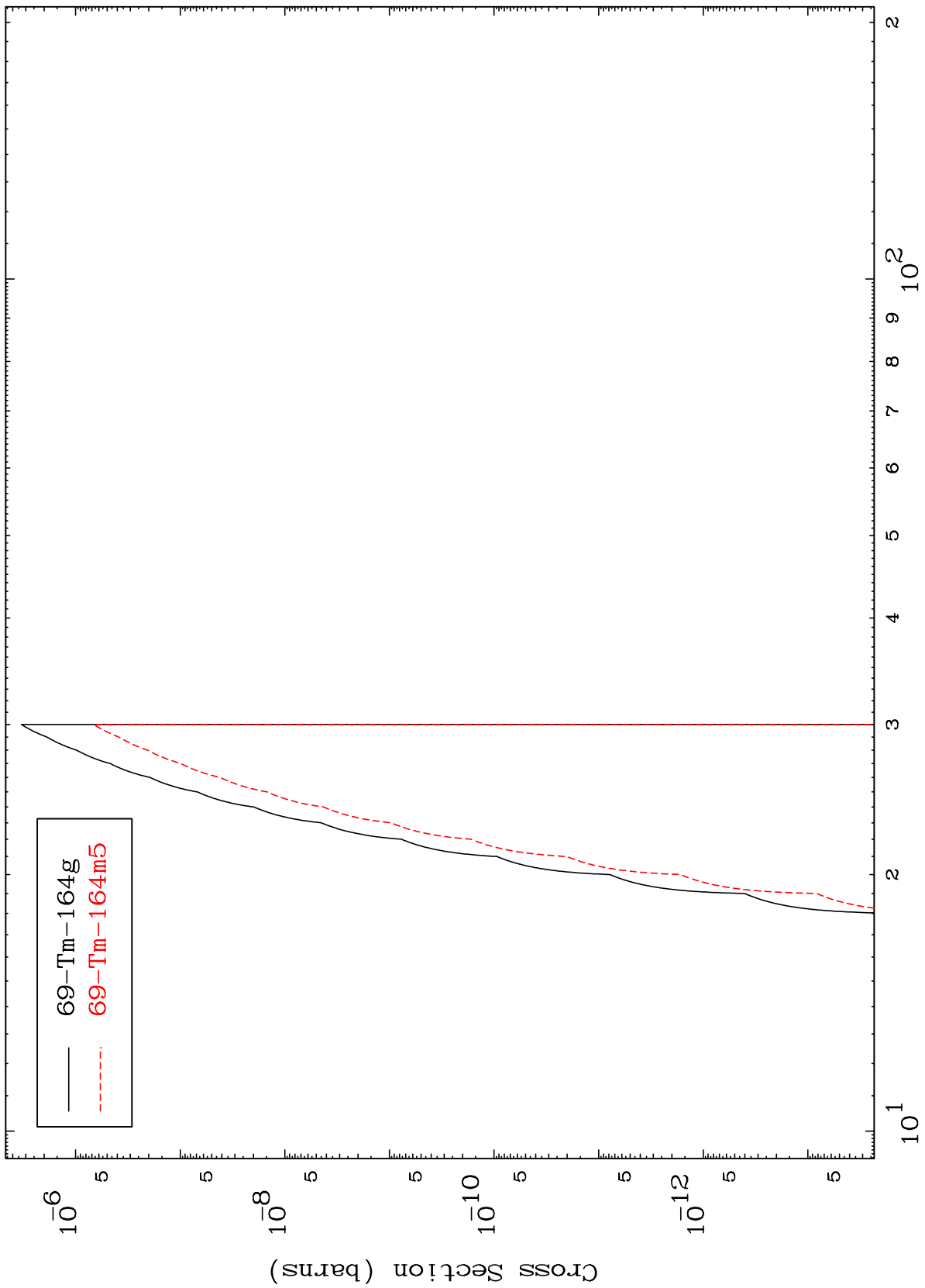


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(n,p) t

71-Lu-167m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

71-Lu-167m