

Program EVALPLOT  
(Version 2017-1)

by

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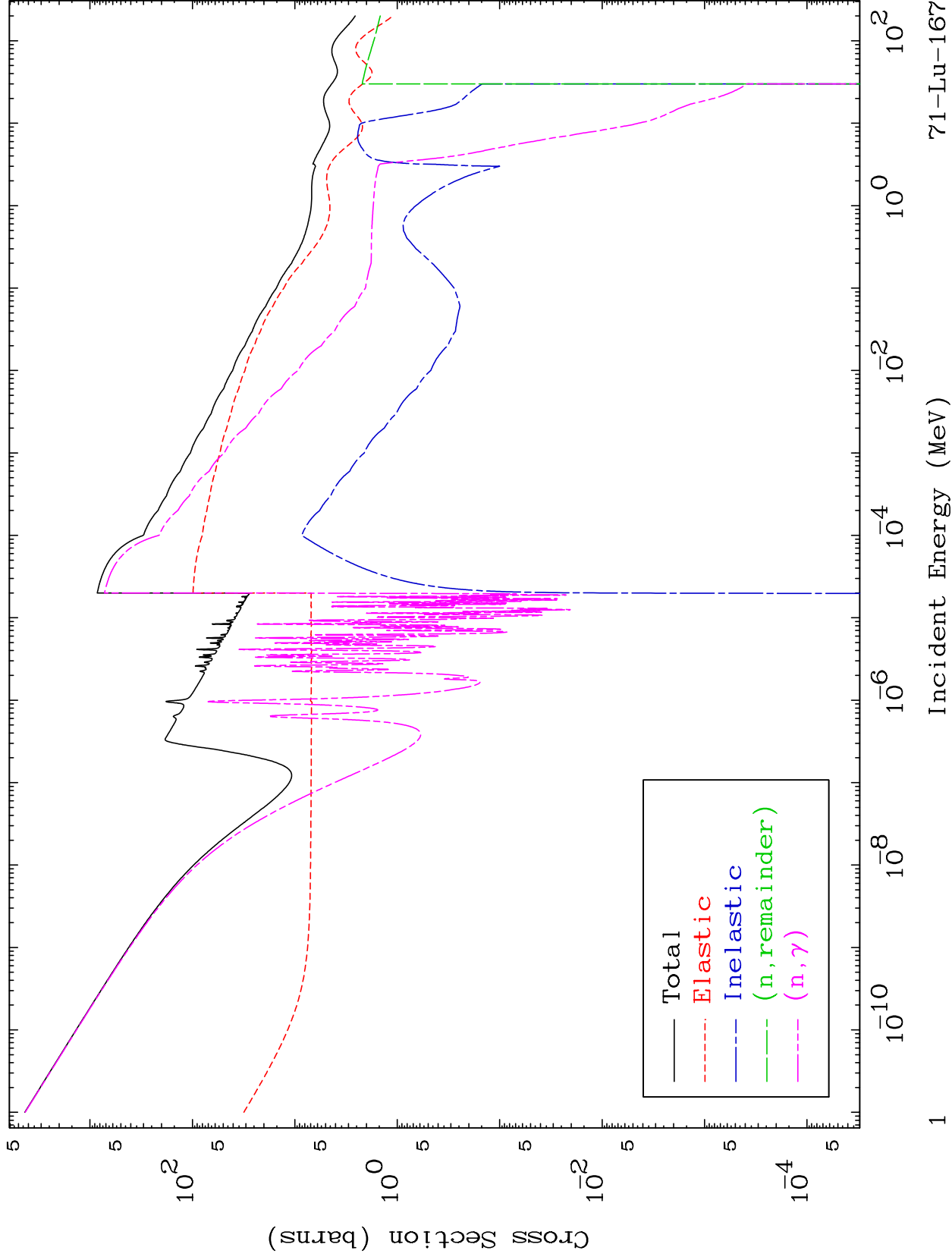
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 7102

Major  
293 Kelvin Cross Sections

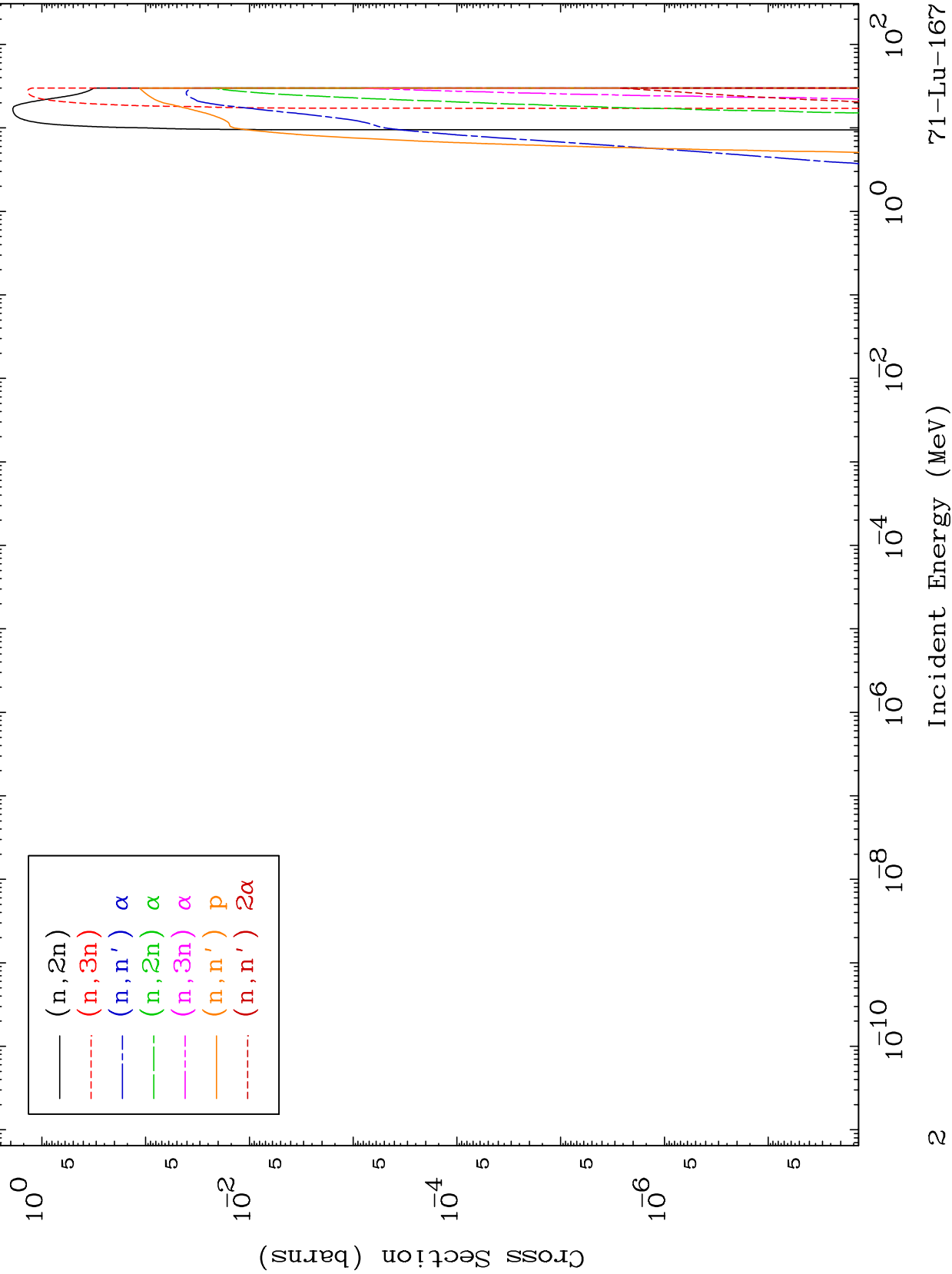
71-Lu-167

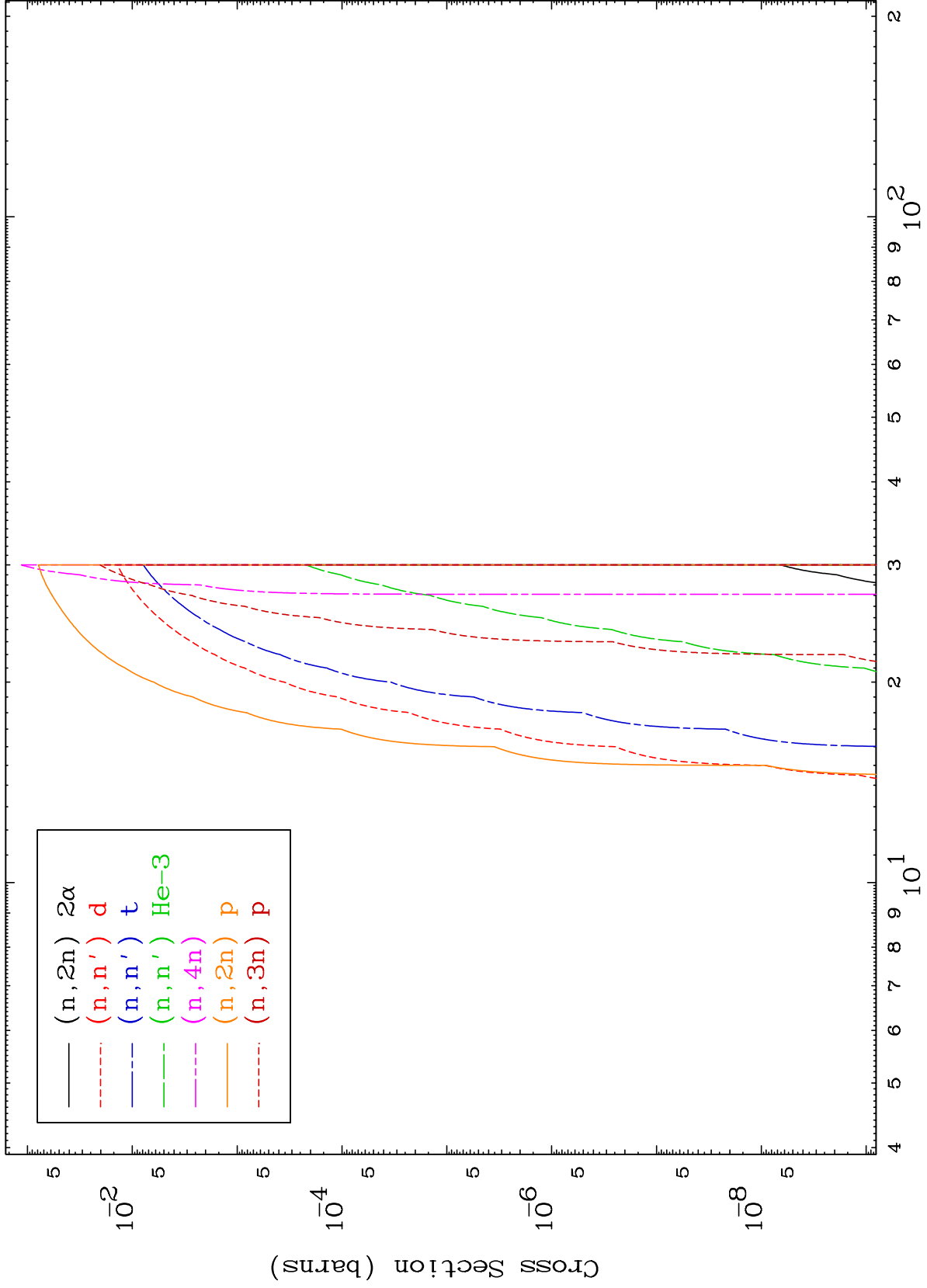


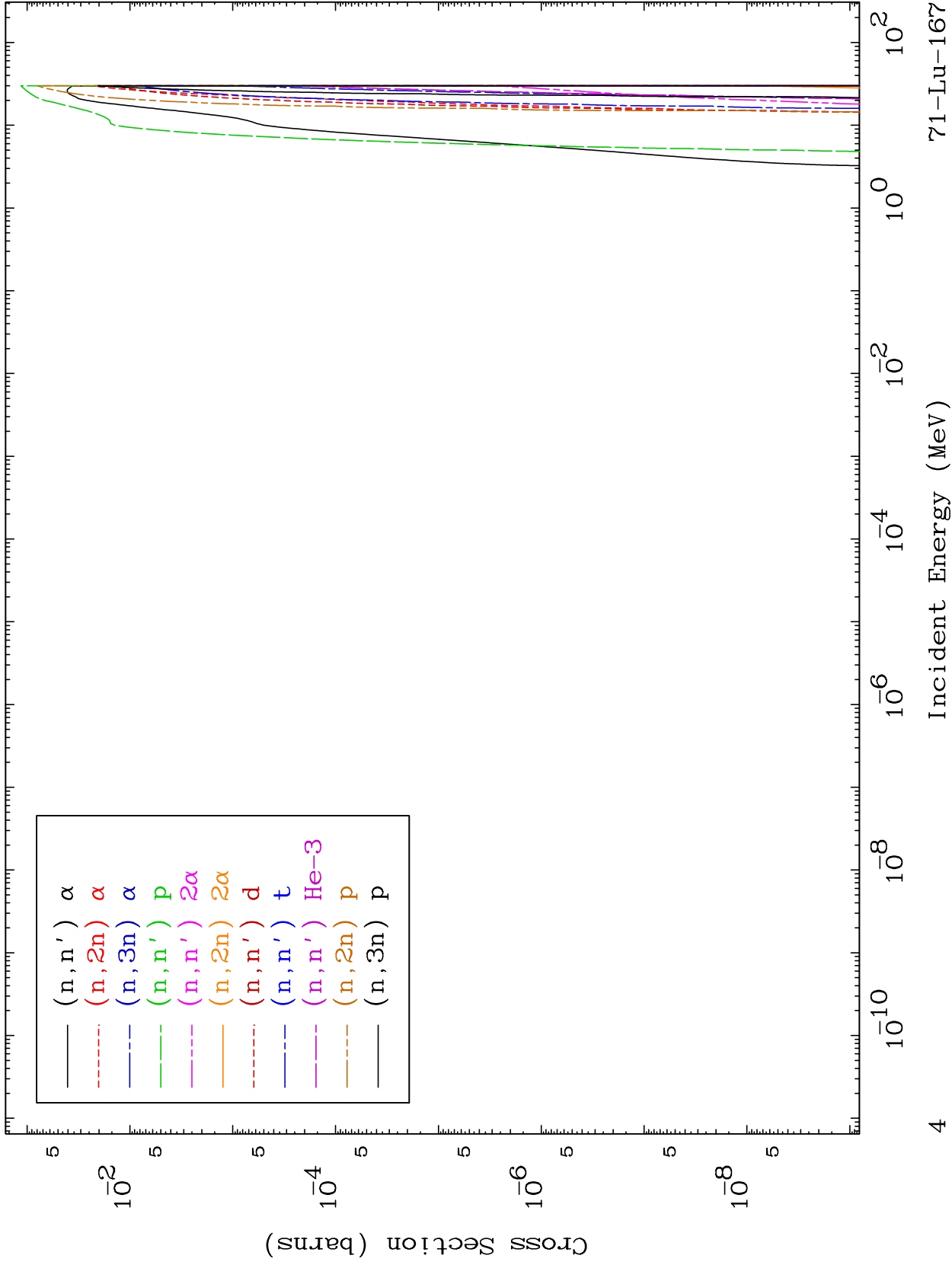
MAT 7102

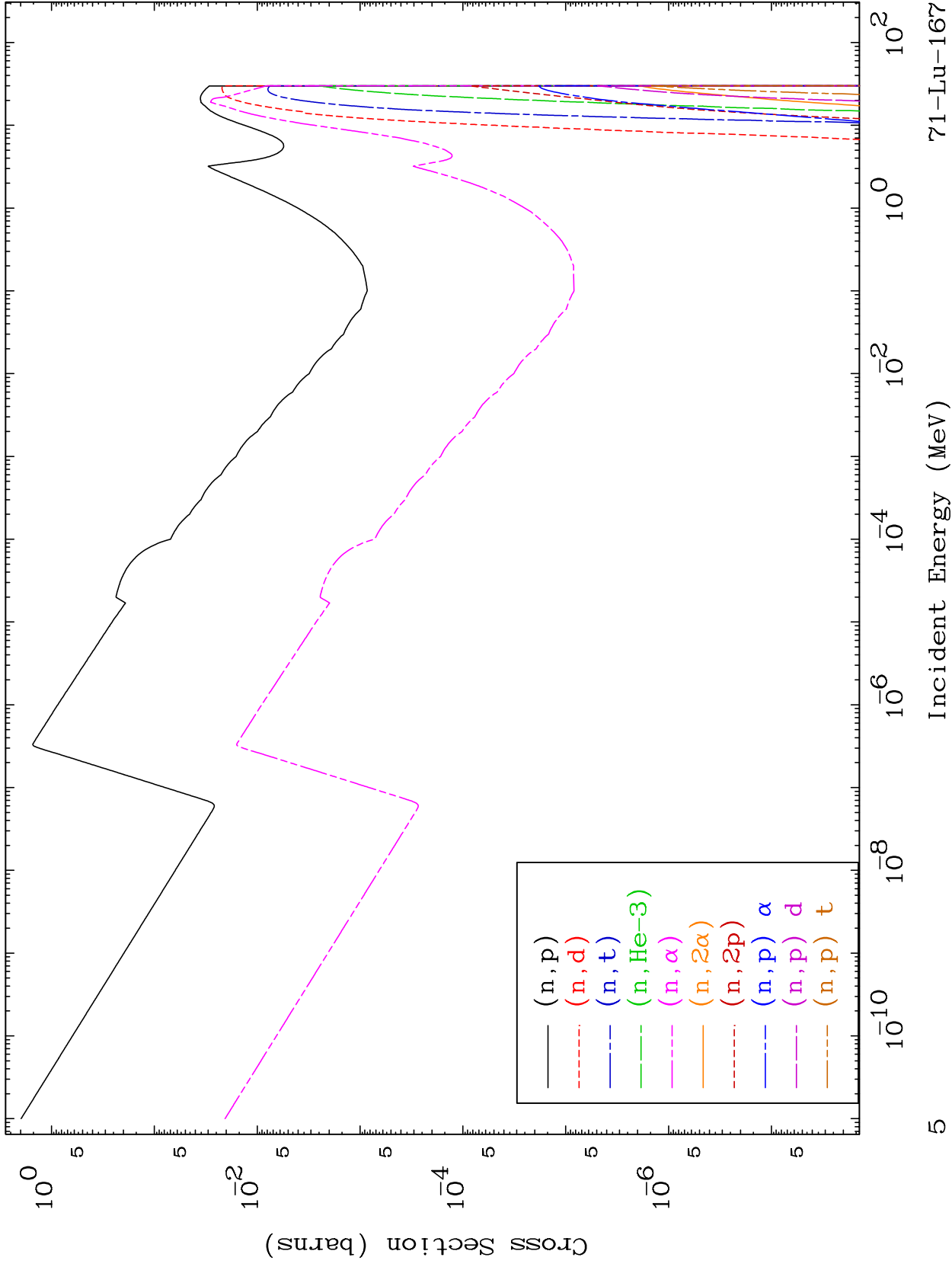
Neutron Production  
293 Kelvin Cross Sections

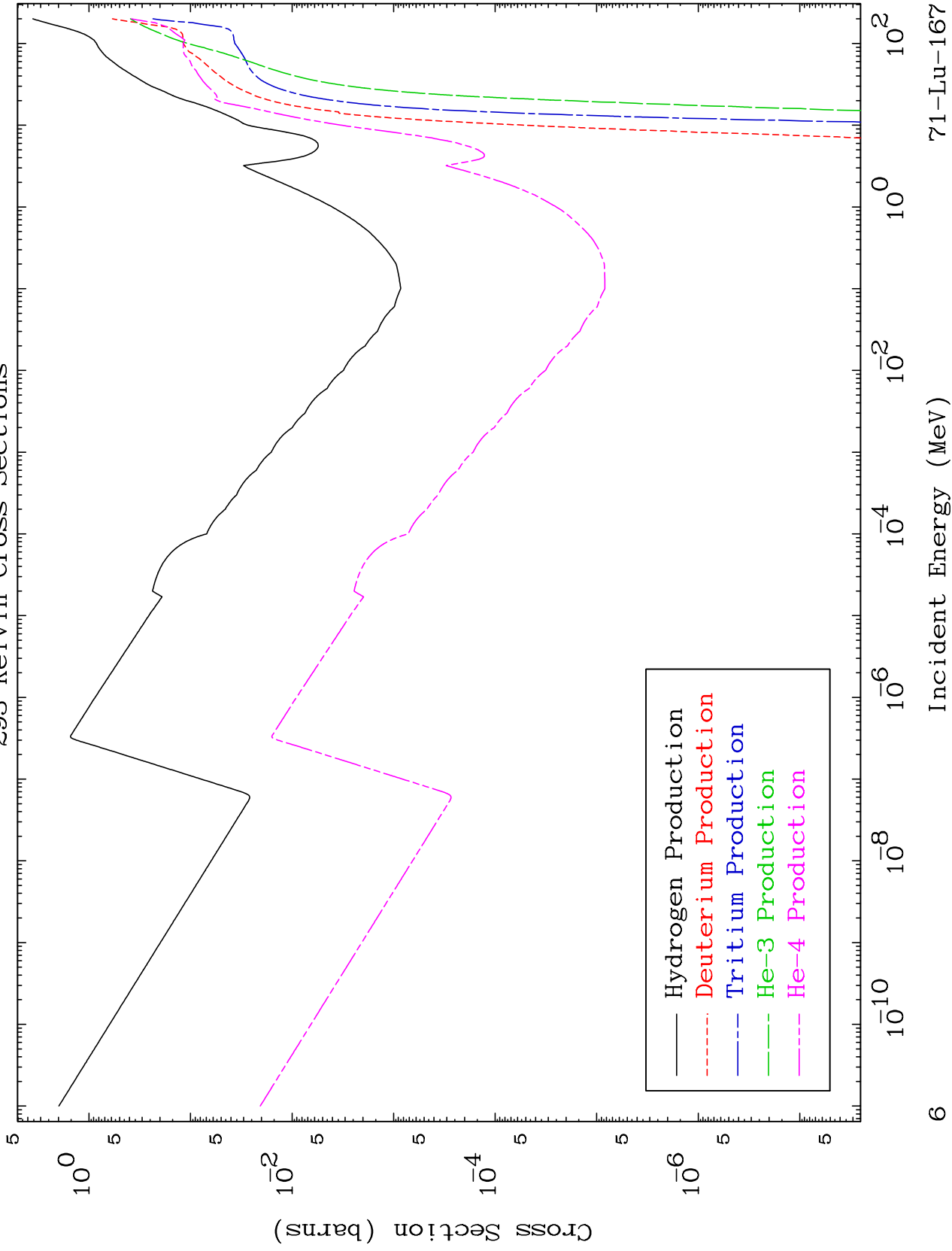
71-Lu-167







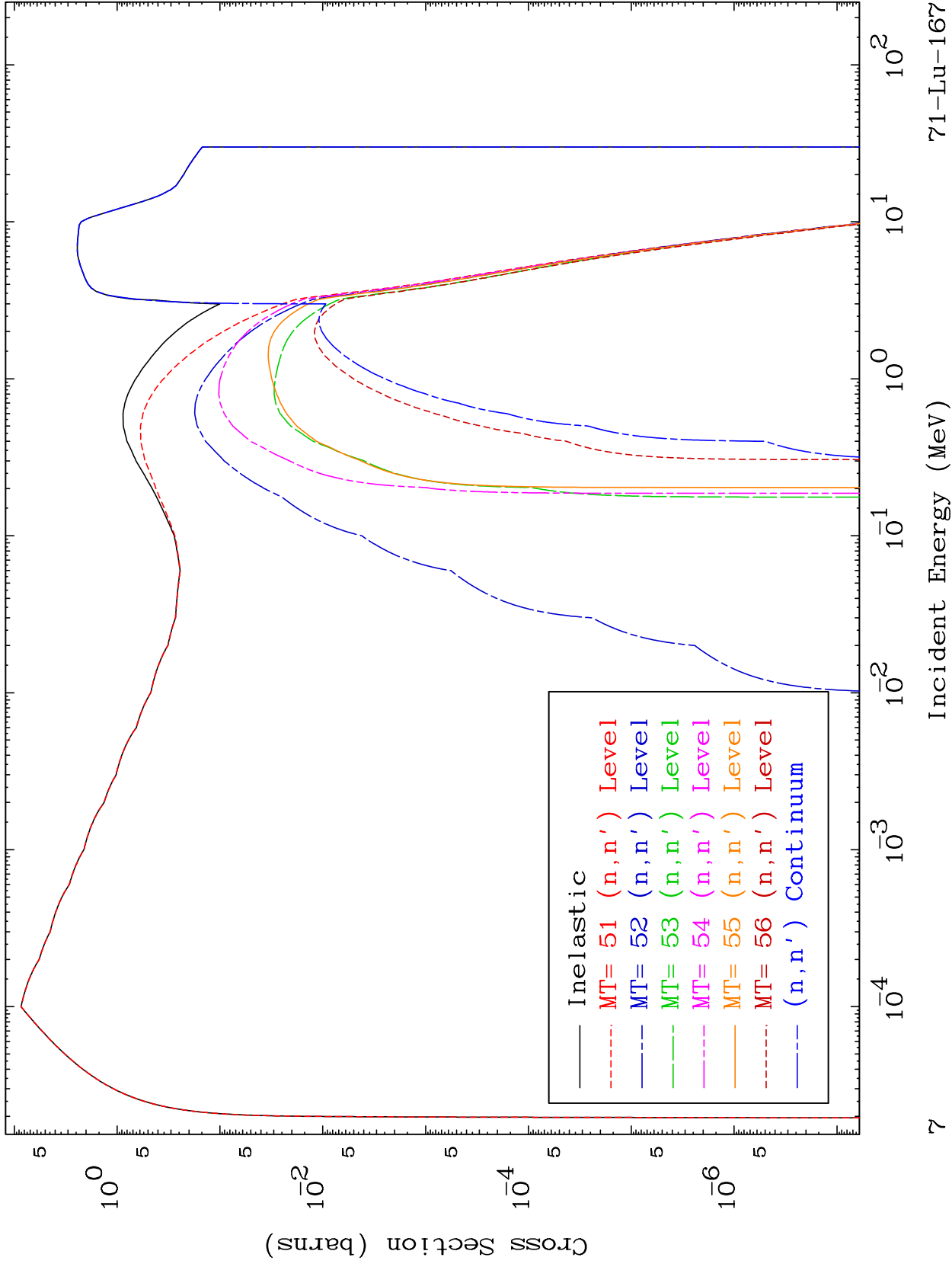




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293 Kelvin Cross Sections  
(n,n') Level

71-Lu-167

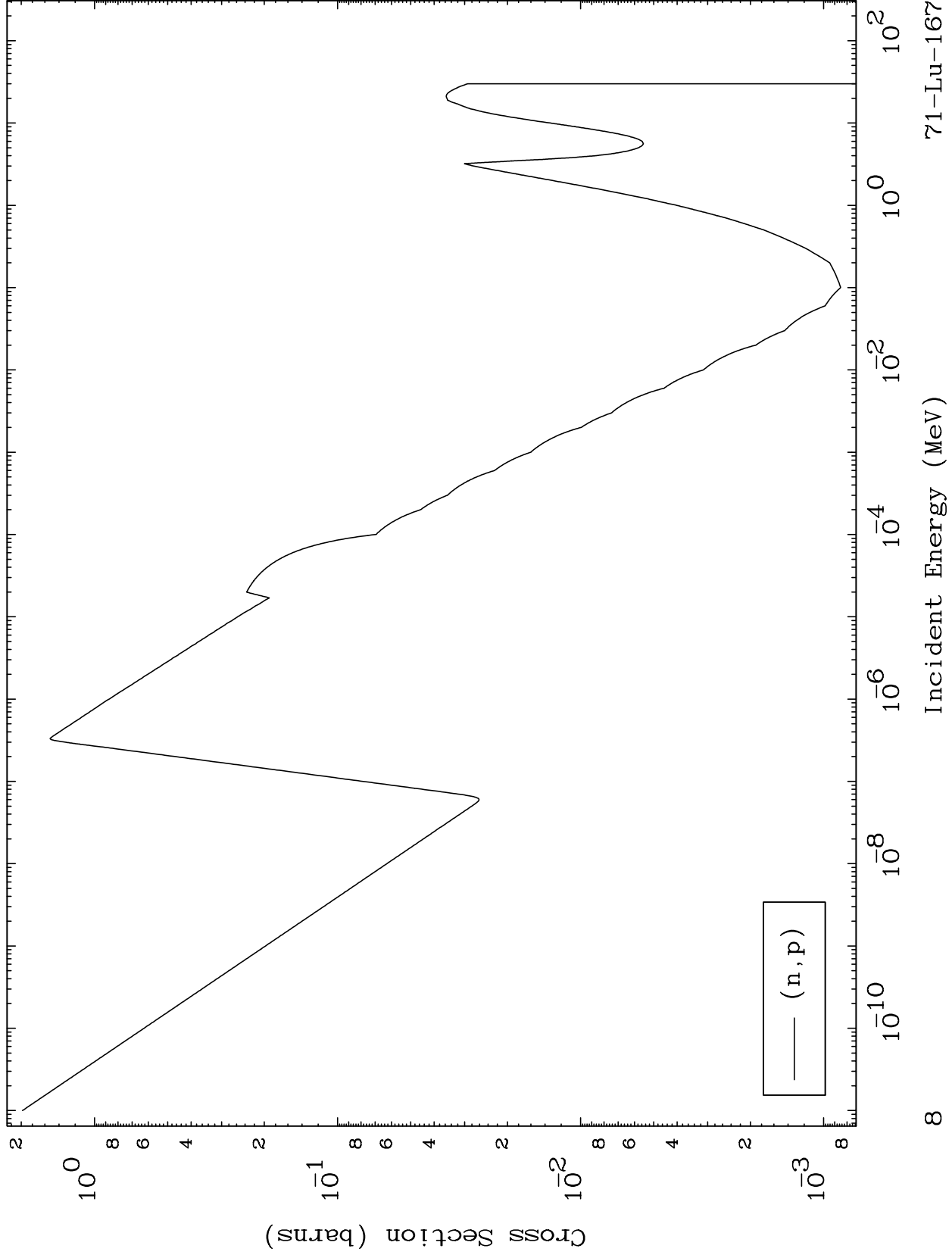




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(n,p) Levels  
293 Kelvin Cross Sections

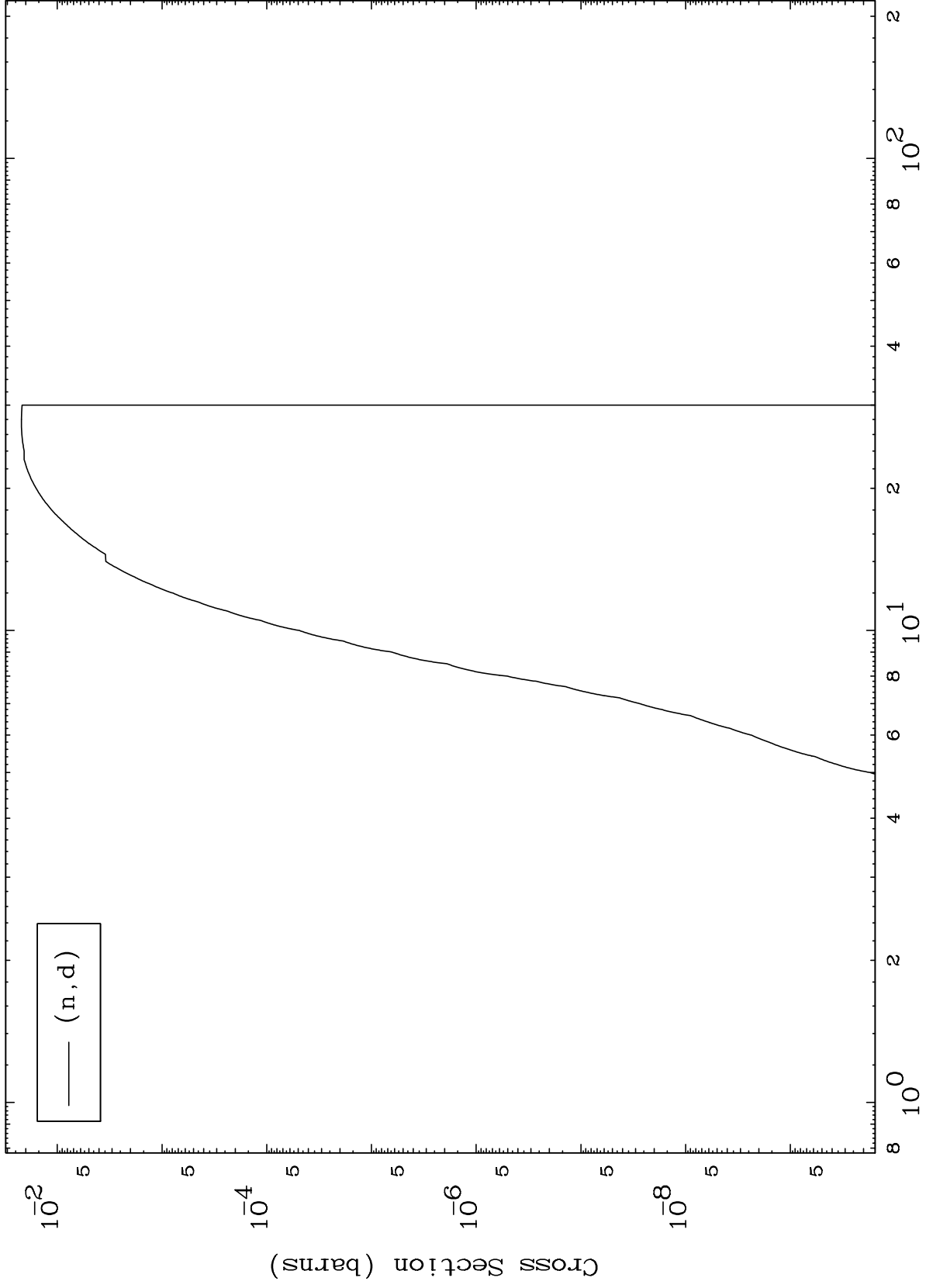
71-Lu-167



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(n,d) Levels  
293 Kelvin Cross Sections

71-Lu-167



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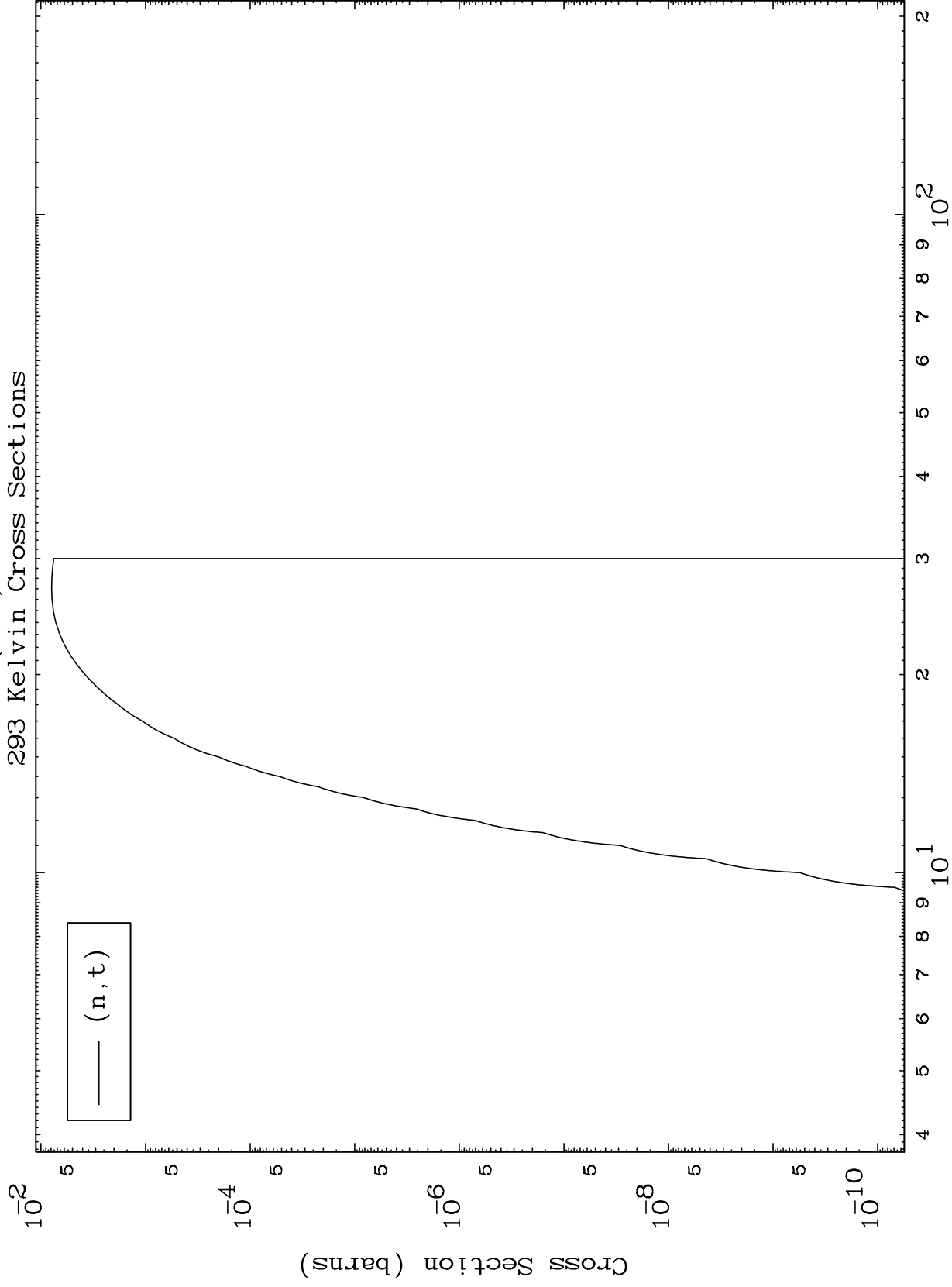
Incident Energy (MeV)

71-Lu-167

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(n,t) Levels  
293 Kelvin Cross Sections

71-Lu-167



10

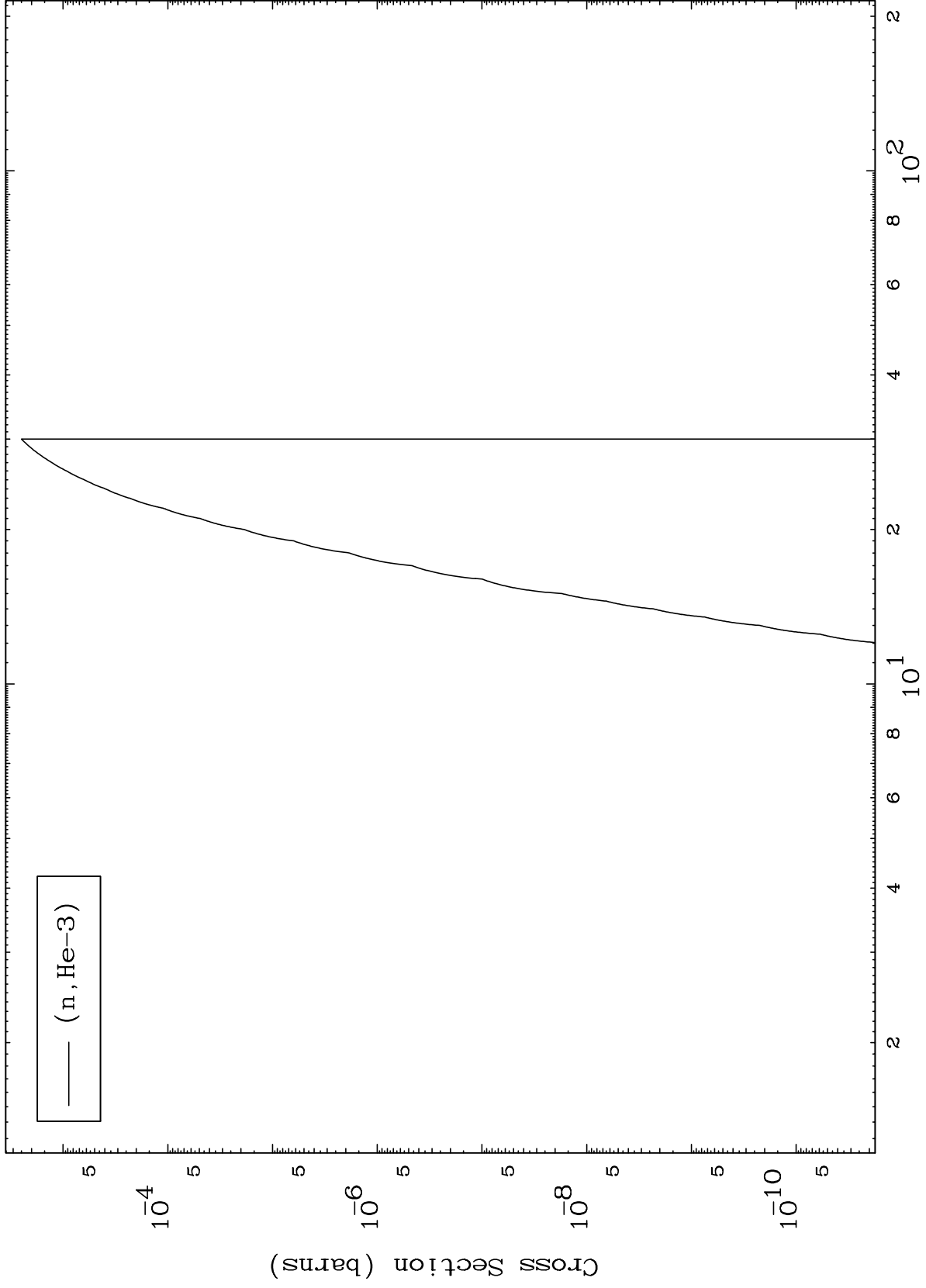
Incident Energy (MeV)

71-Lu-167

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(n,He3) Levels  
293 Kelvin Cross Sections

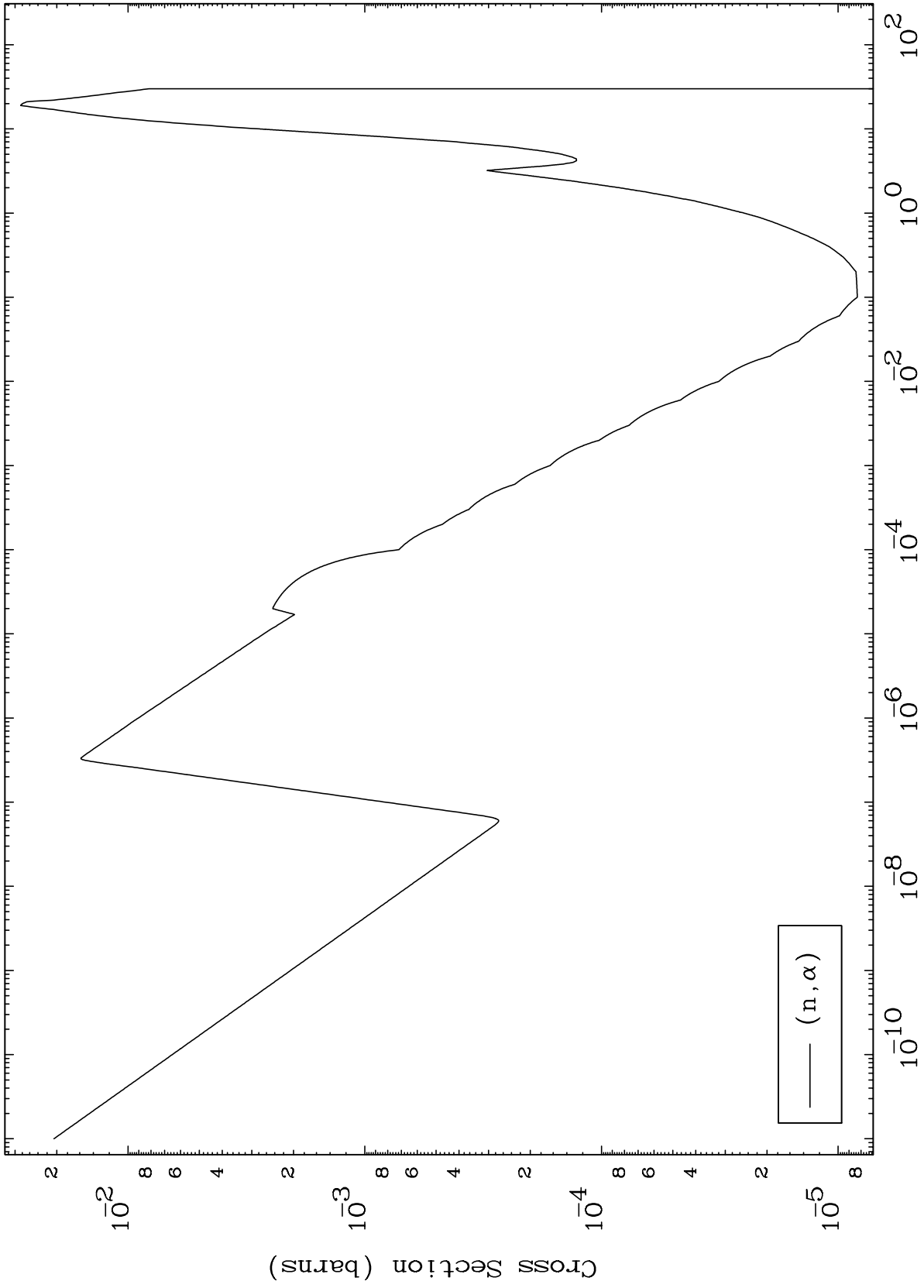
71-Lu-167



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

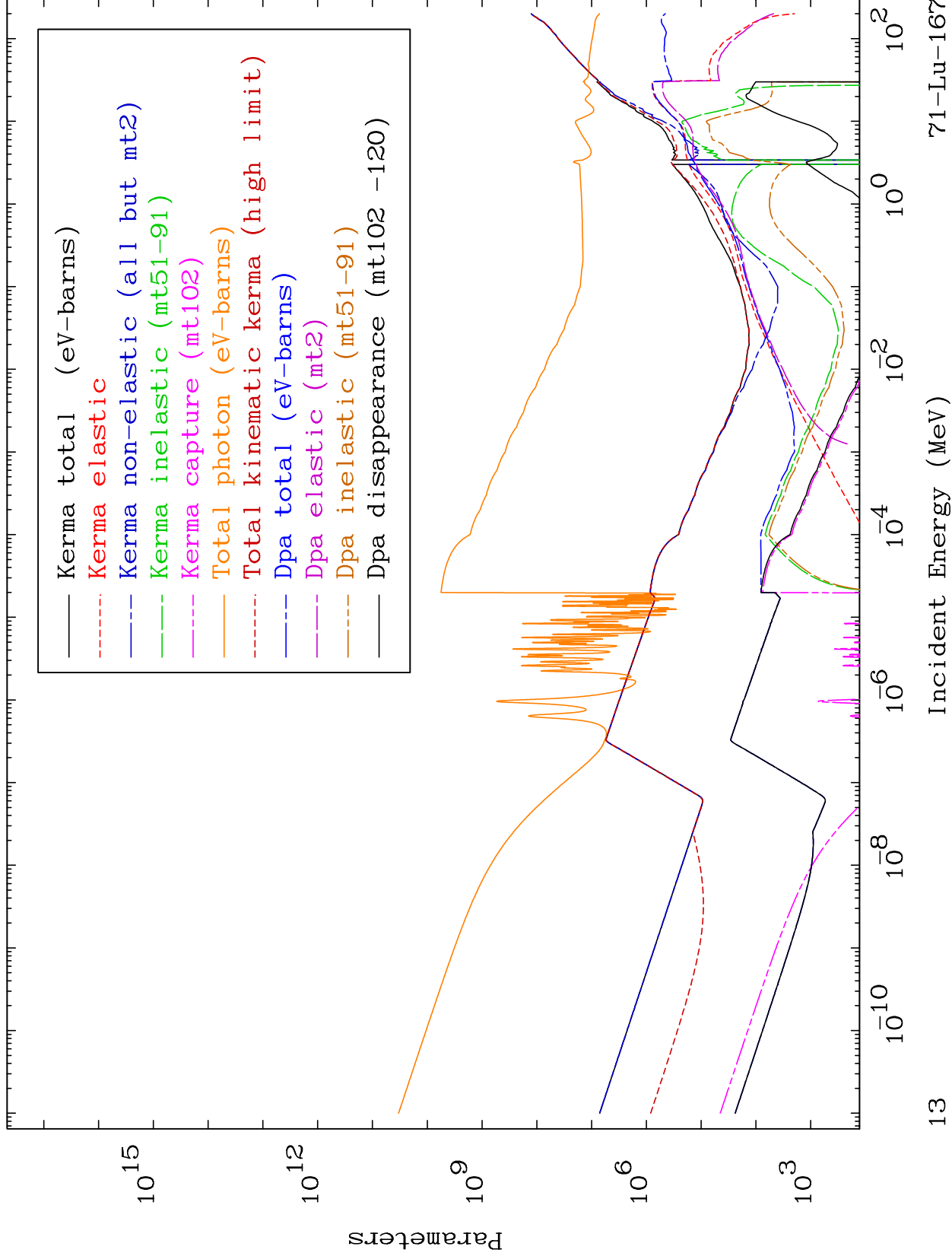
71-Lu-167

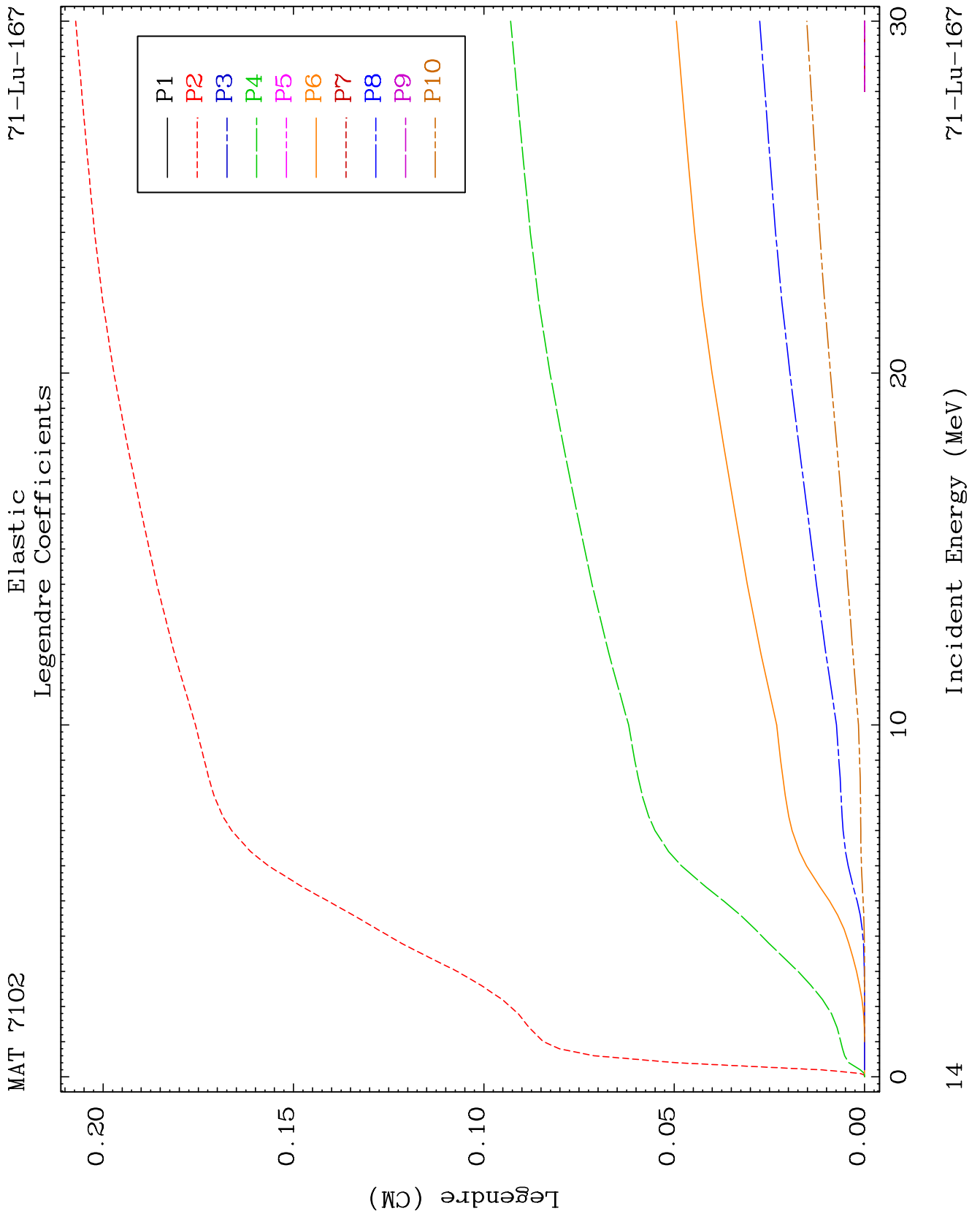


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Incident Energy (MeV)

71-Lu-167





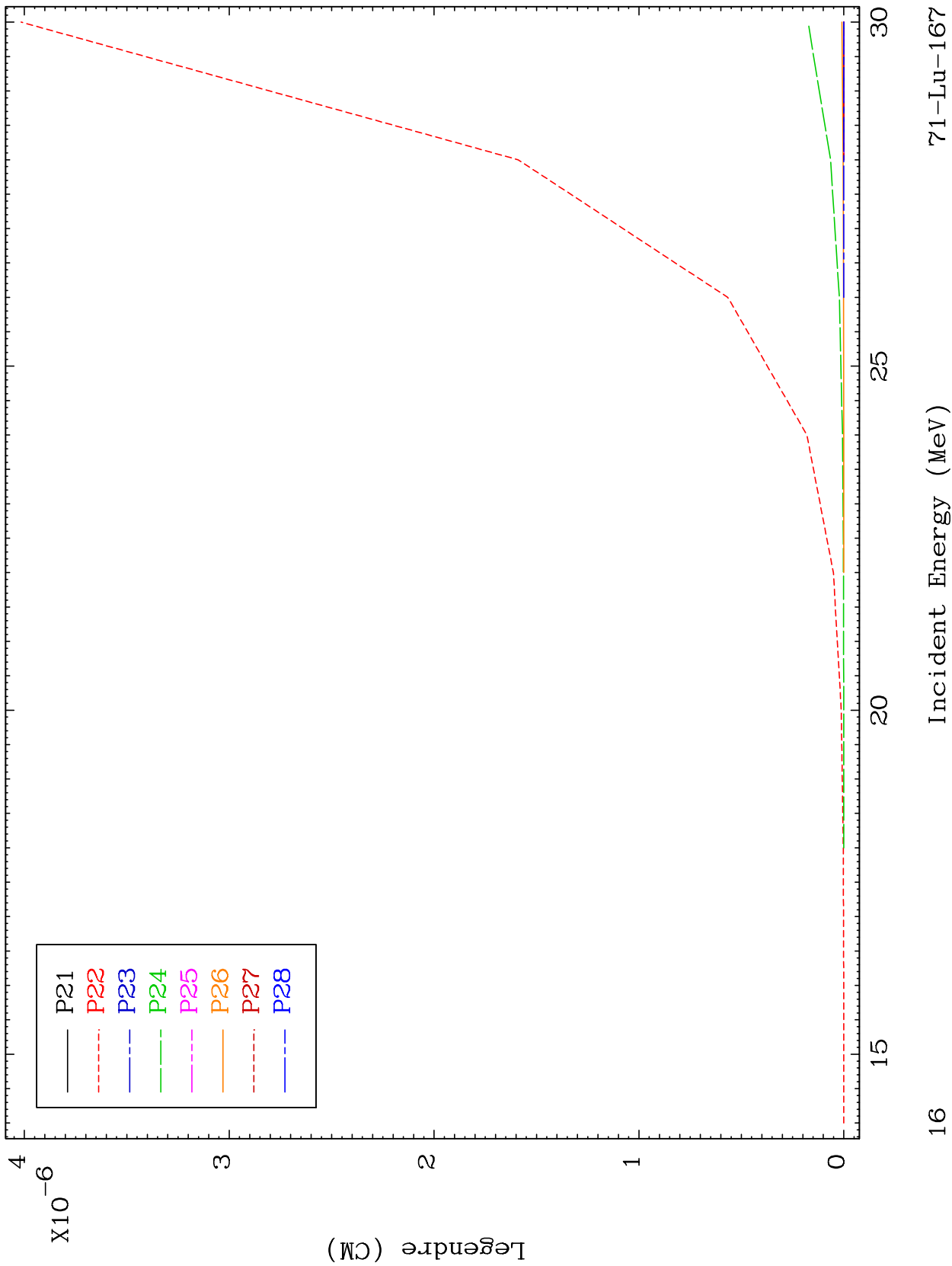




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Elastic  
Legendre Coefficients

71-Lu-167



16

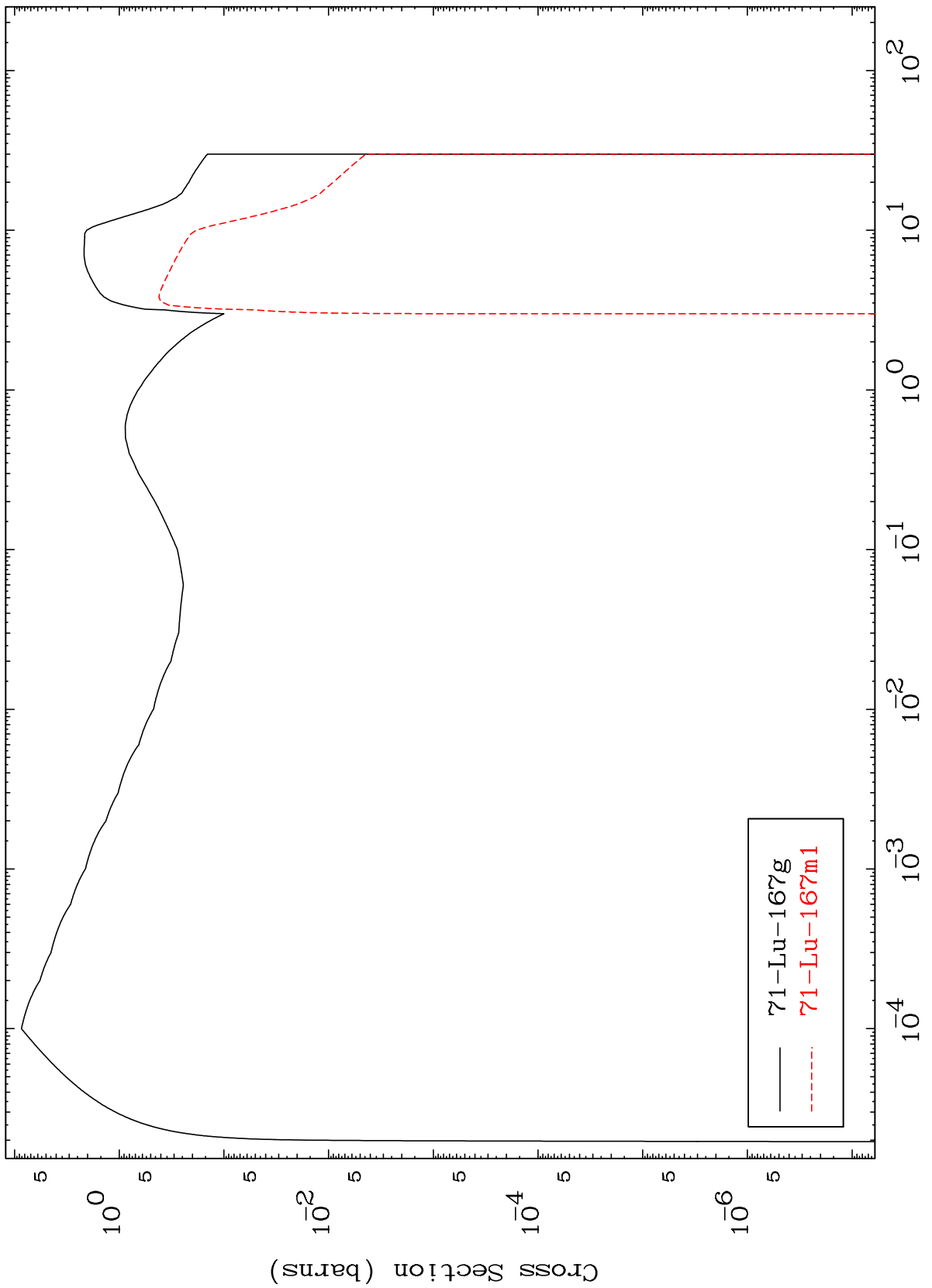
Incident Energy (MeV)

71-Lu-167

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71-Lu-167

Inelastic  
Radionuclide Production Cross Section



71-Lu-167g  
71-Lu-167m1

71-Lu-167

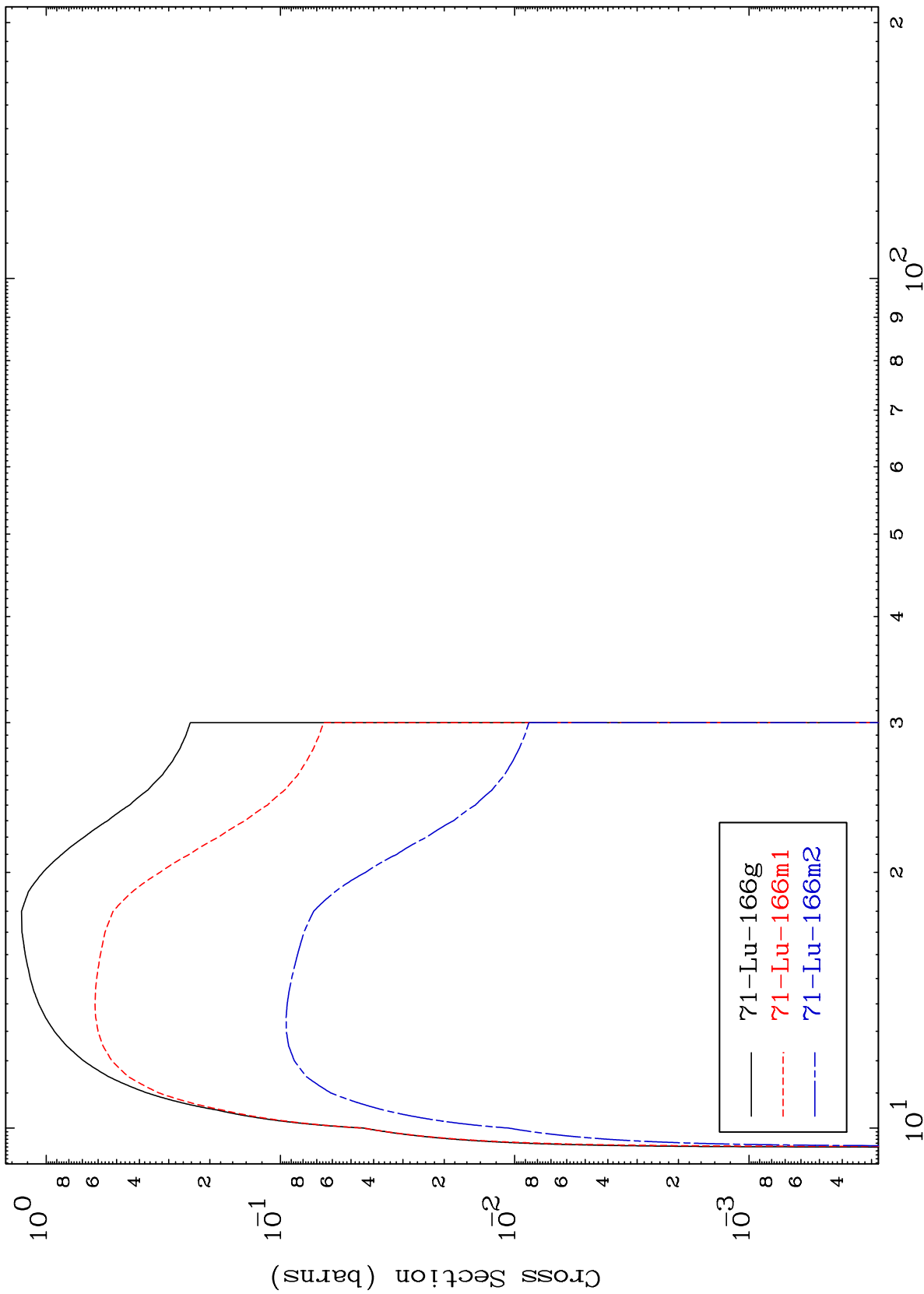
Incident Energy (MeV)

17

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71-Lu-167

Radionuclide Production Cross Section  
(n,2n)



71-Lu-167

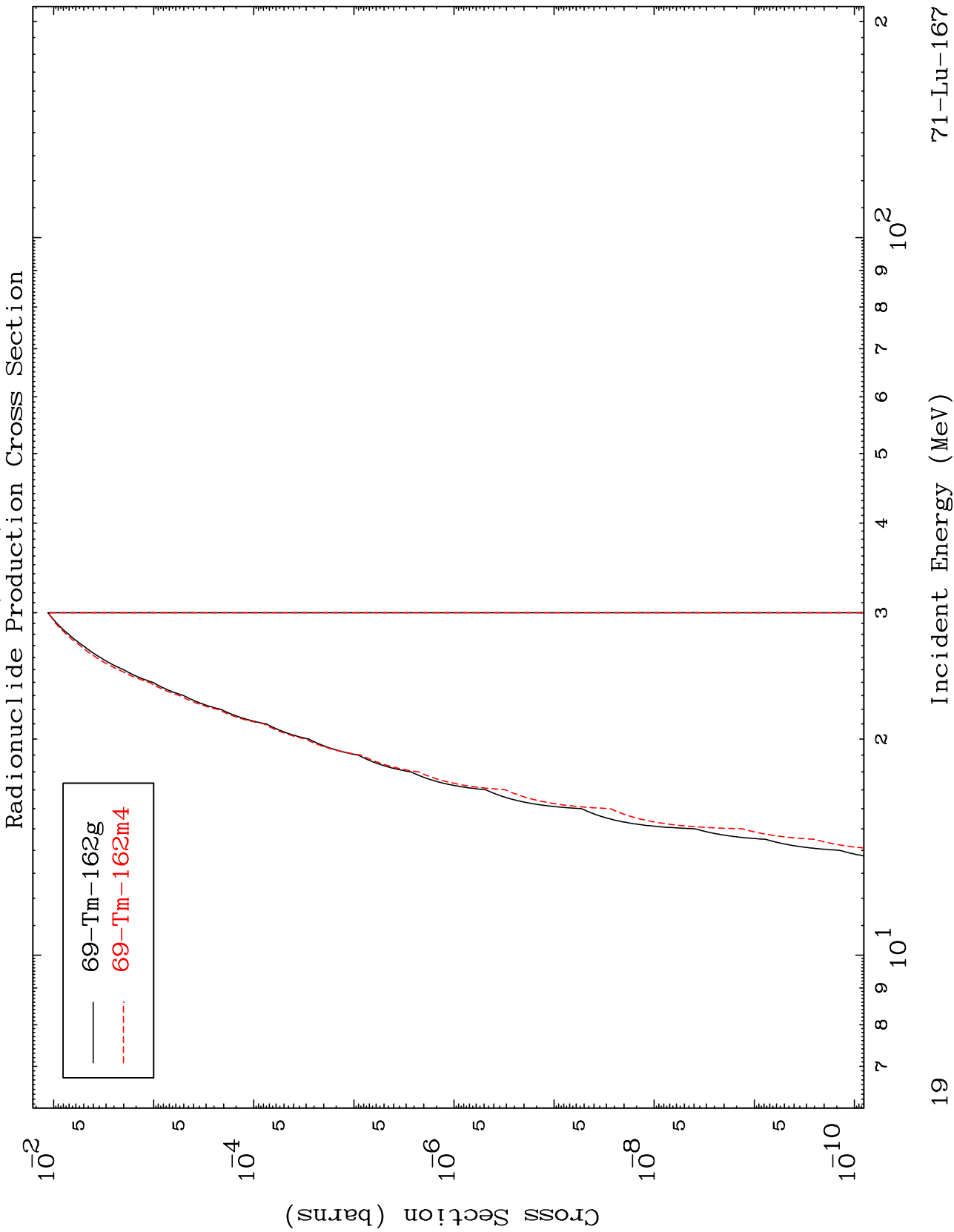
Incident Energy (MeV)

18

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$(n,2n) \alpha$

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



19

Incident Energy (MeV)

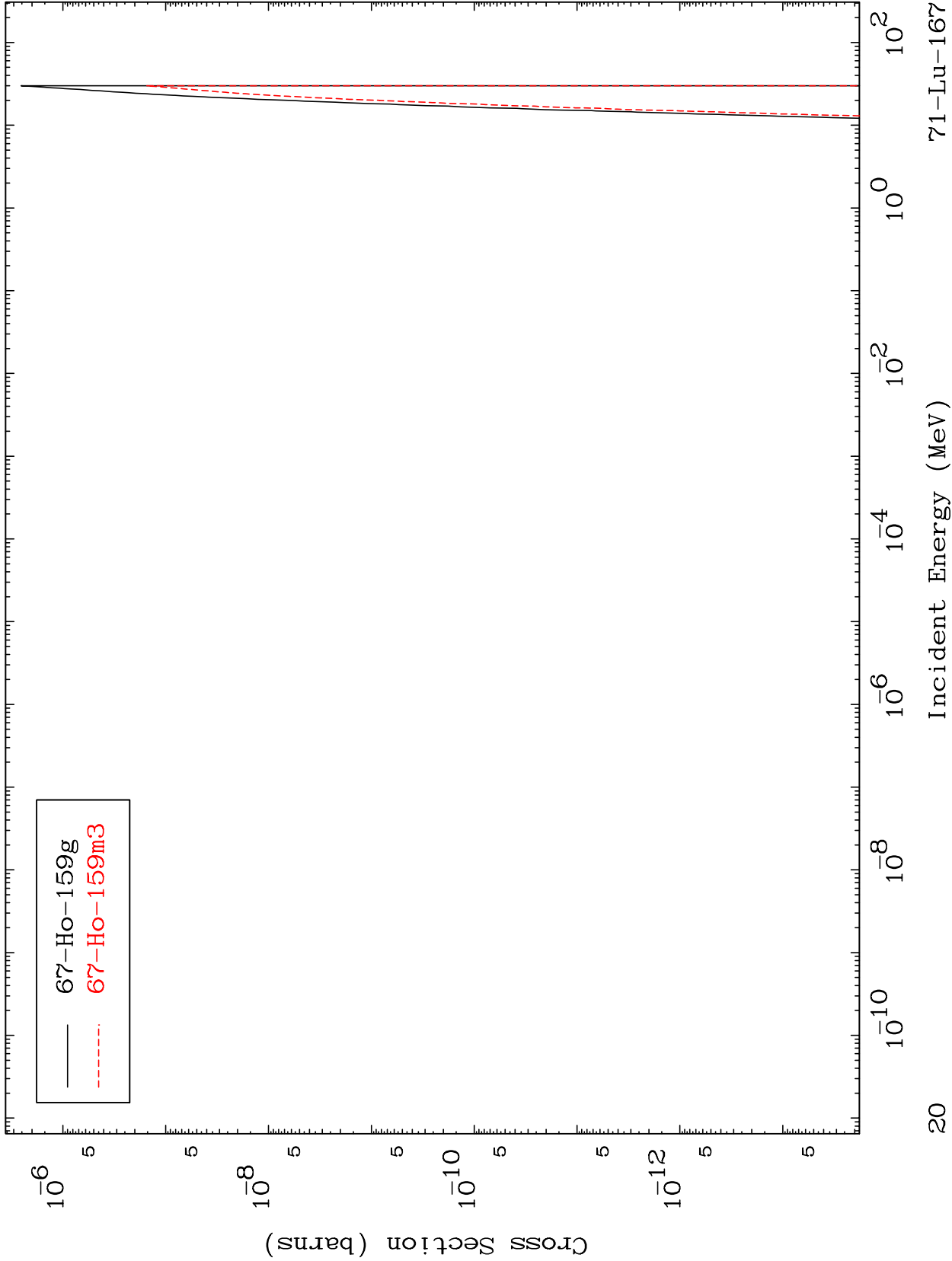
$^{71}\text{Lu-167}$

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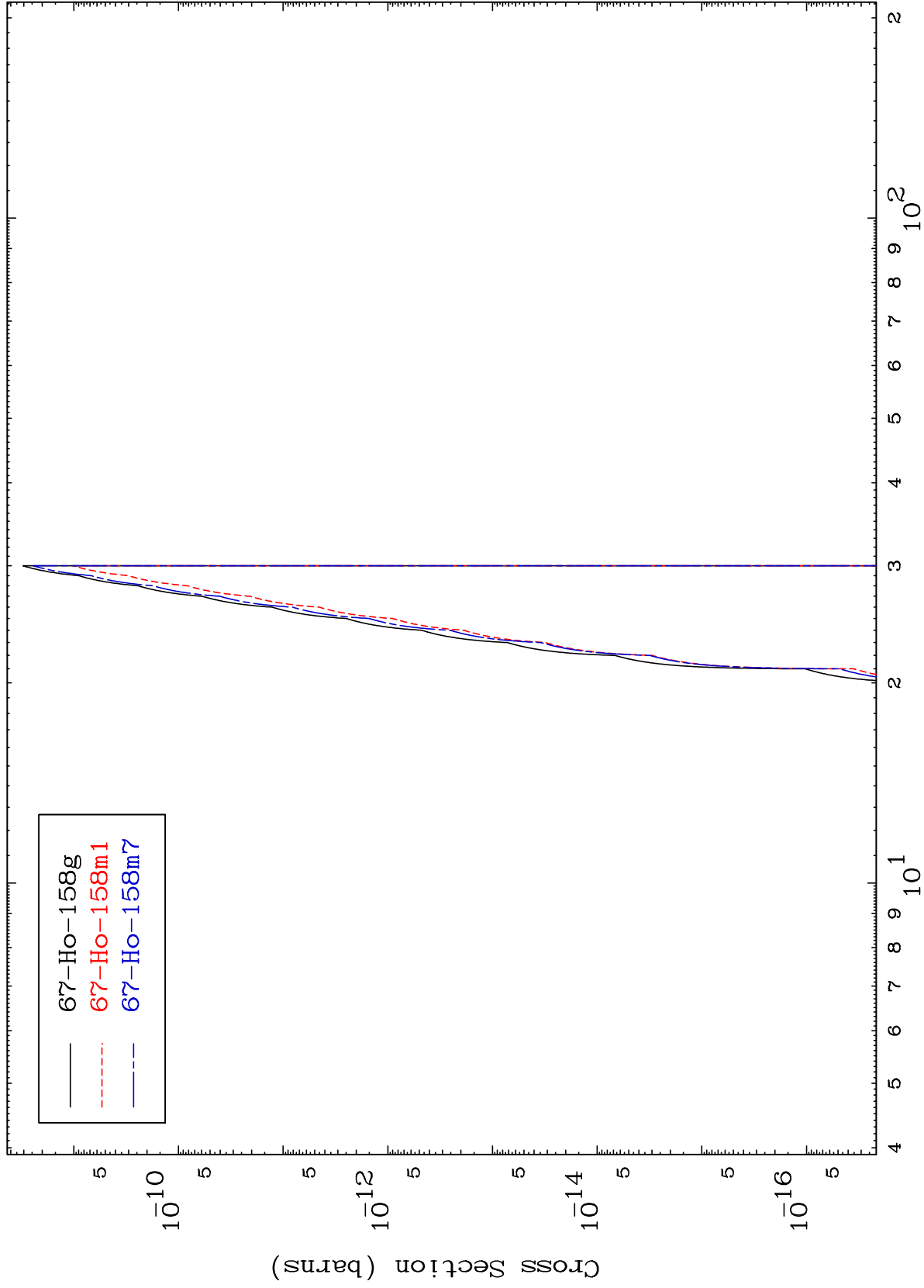
(n,n') 2α

71-Lu-167

Radionuclide Production Cross Section



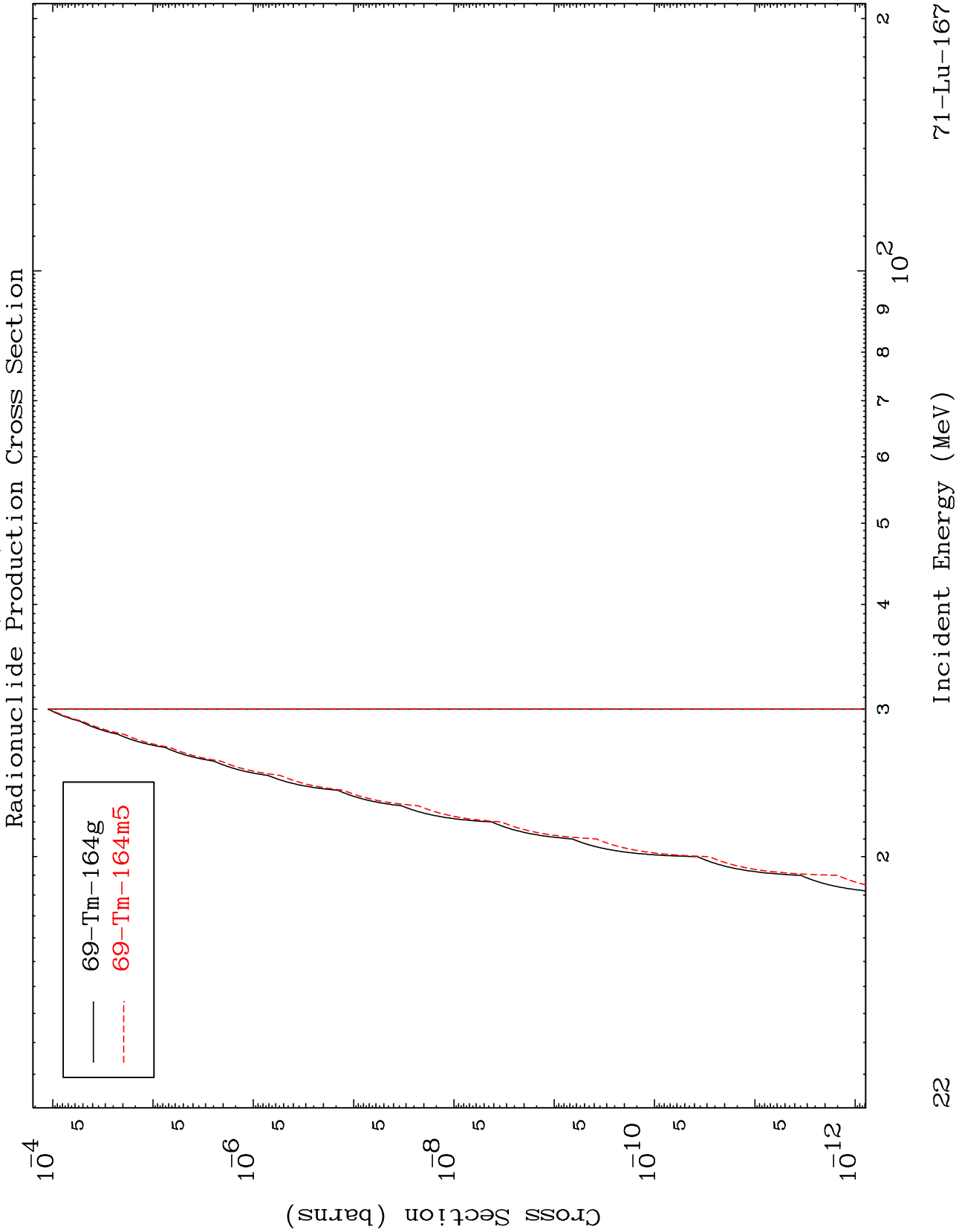
Radionuclide Production Cross Section



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(n,n') He-3

71-Lu-167

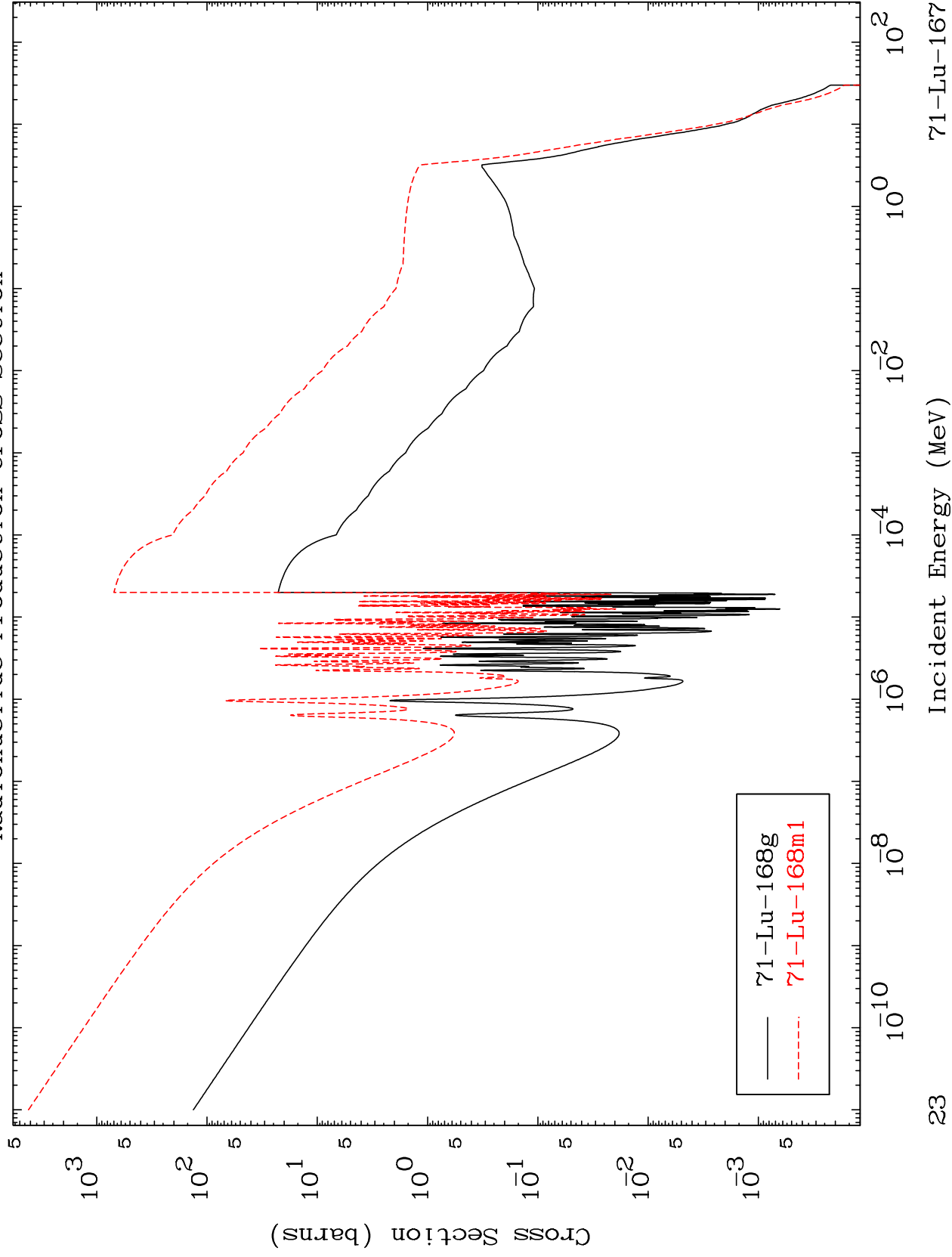


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<sup>71</sup>Lu-167

Radionuclide Production Cross Section

(n,γ)

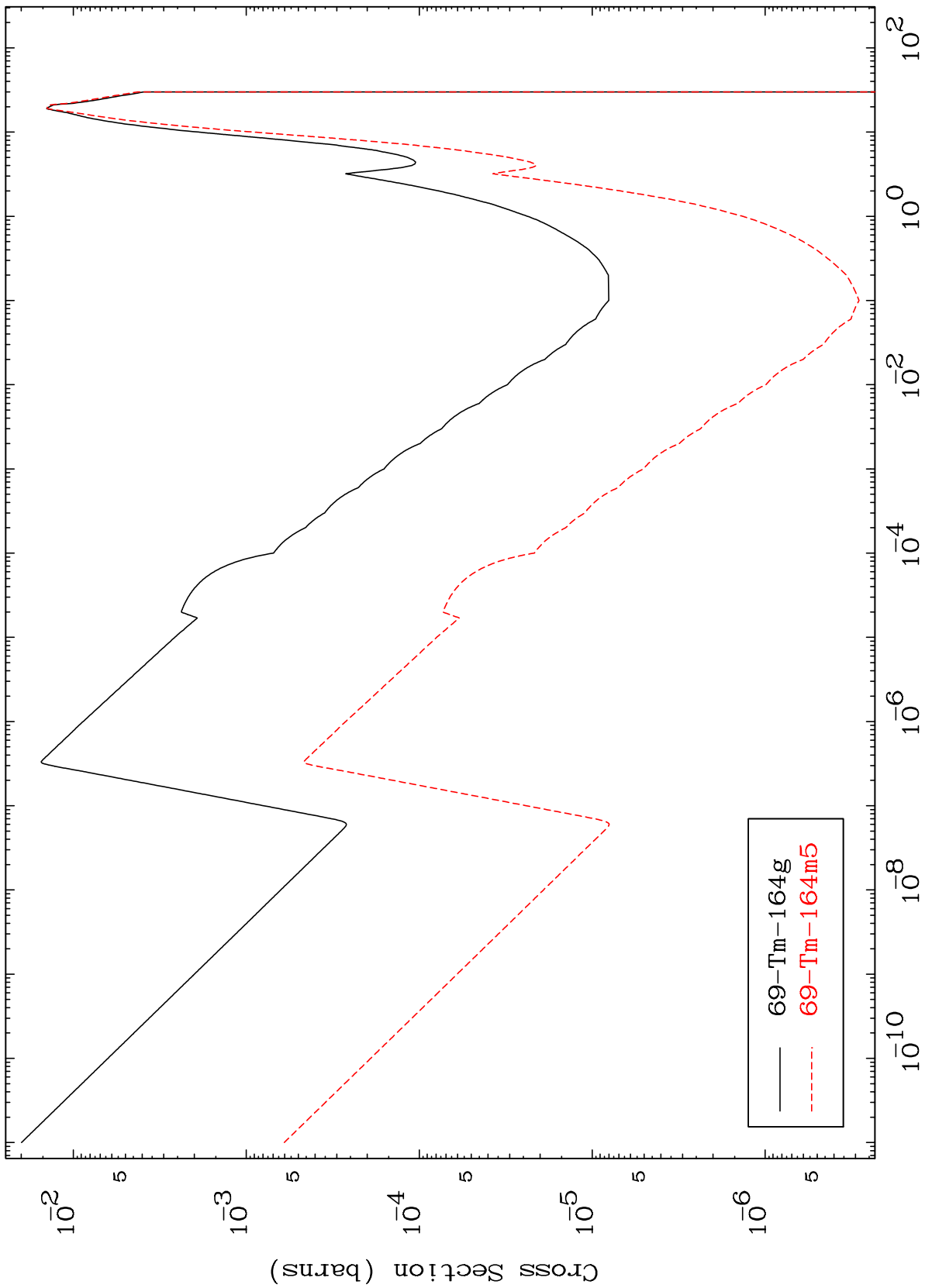




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71-Lu-167

Radionuclide Production Cross Section  
(n,  $\alpha$ )



24

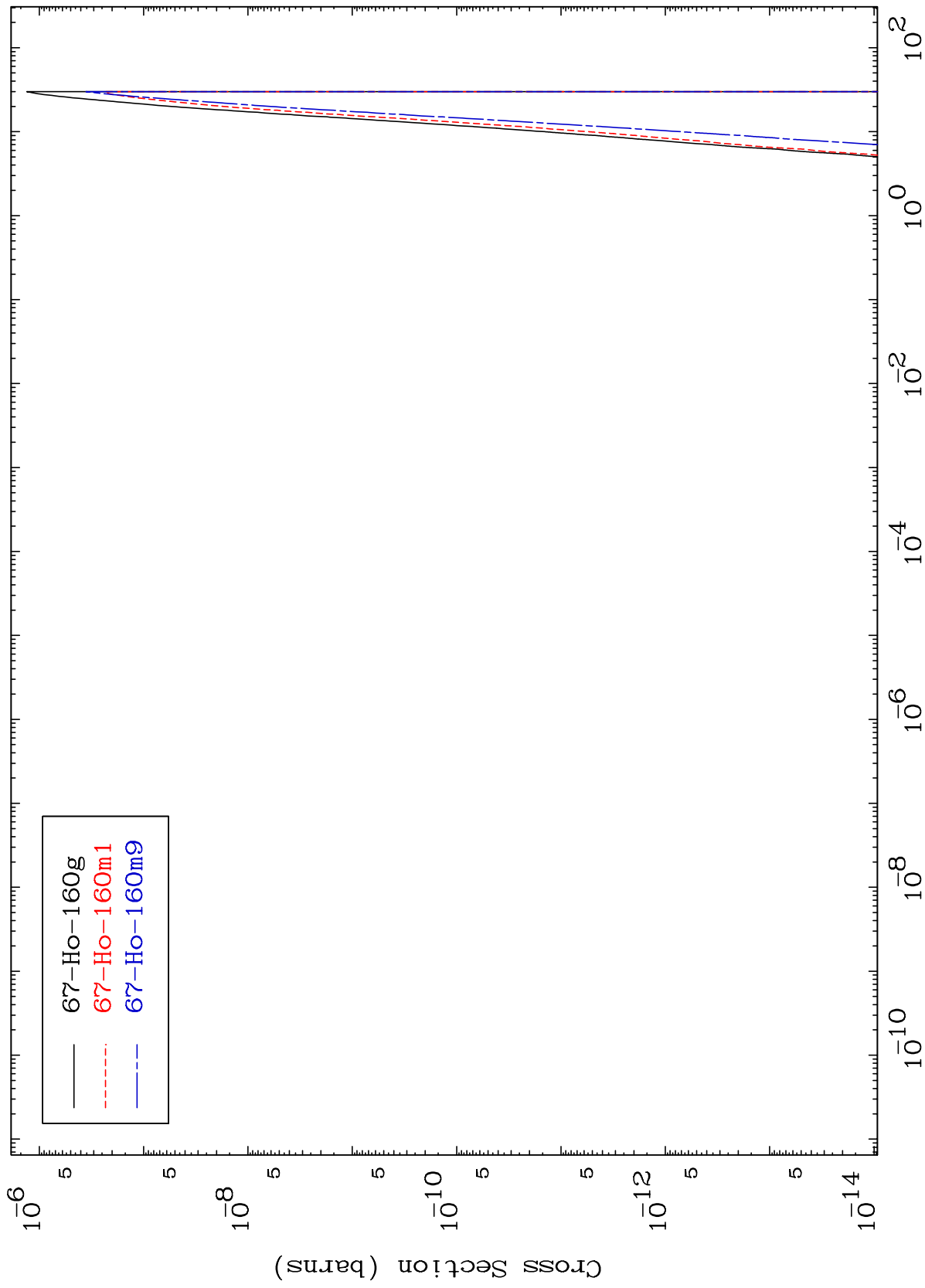
71-Lu-167

Incident Energy (MeV)

MAT 7102

<sup>71</sup>Lu-167

(n,2α)  
Radionuclide Production Cross Section



Incident Energy (MeV)

<sup>71</sup>Lu-167

25

MAT 7102

(n,p) t

71-Lu-167

