

Program EVALPLOT  
(Version 2021-1)

by

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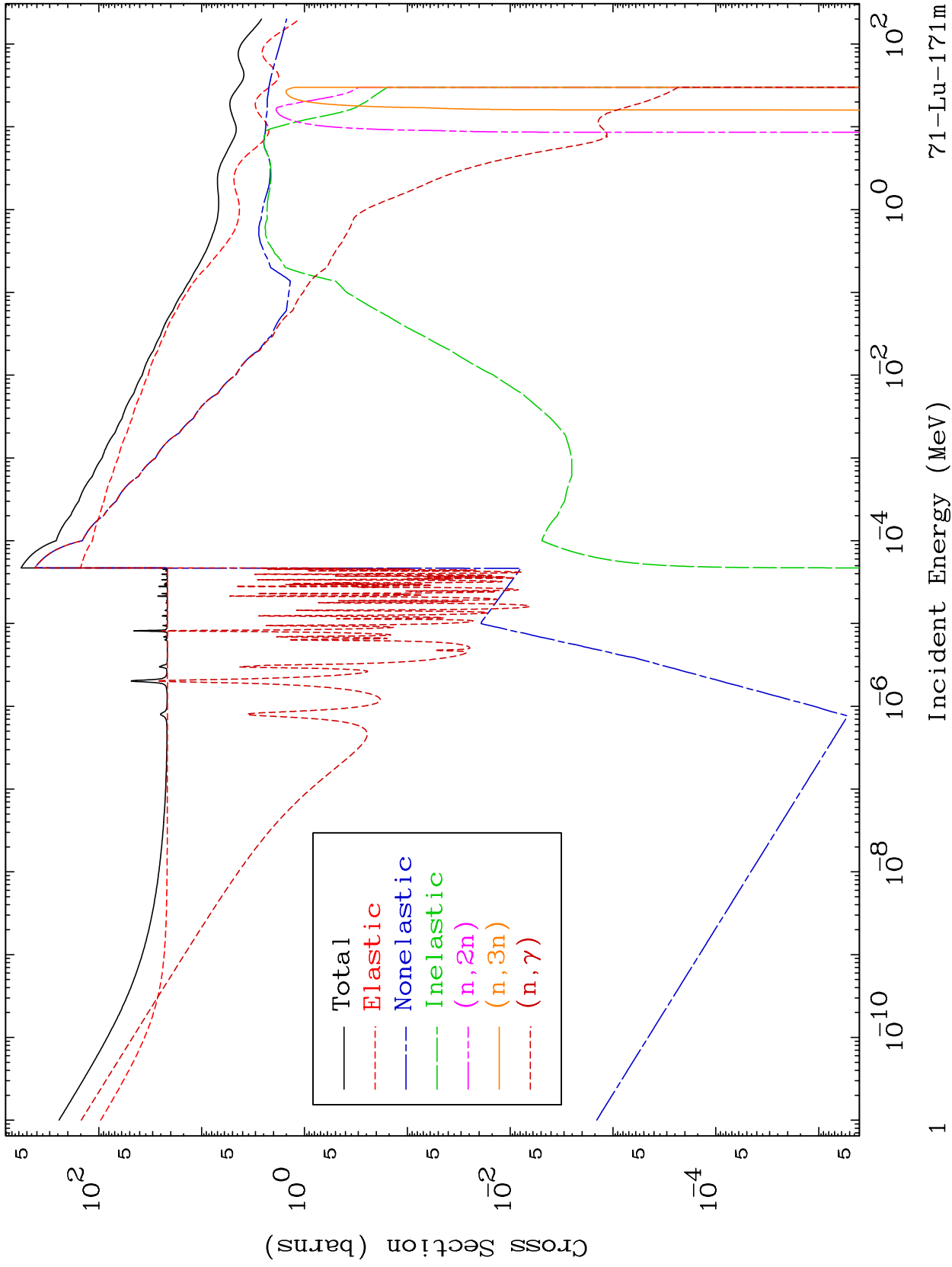
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7114

Neutron Major  
293 Kelvin Cross Sections

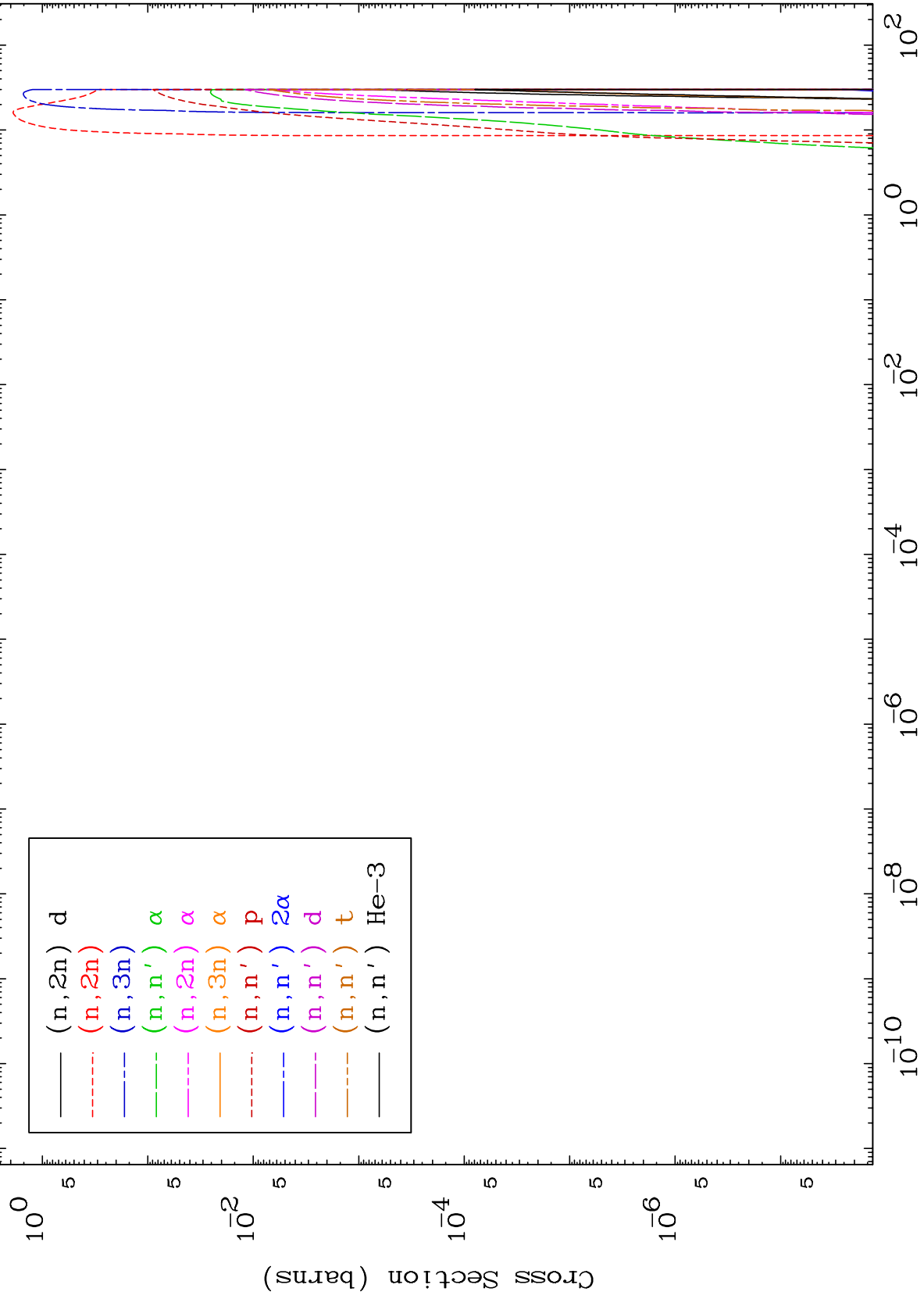
71-Lu-171m



MAT 7114

Neutron Absorption  
293 Kelvin Cross Sections

71-Lu-171m



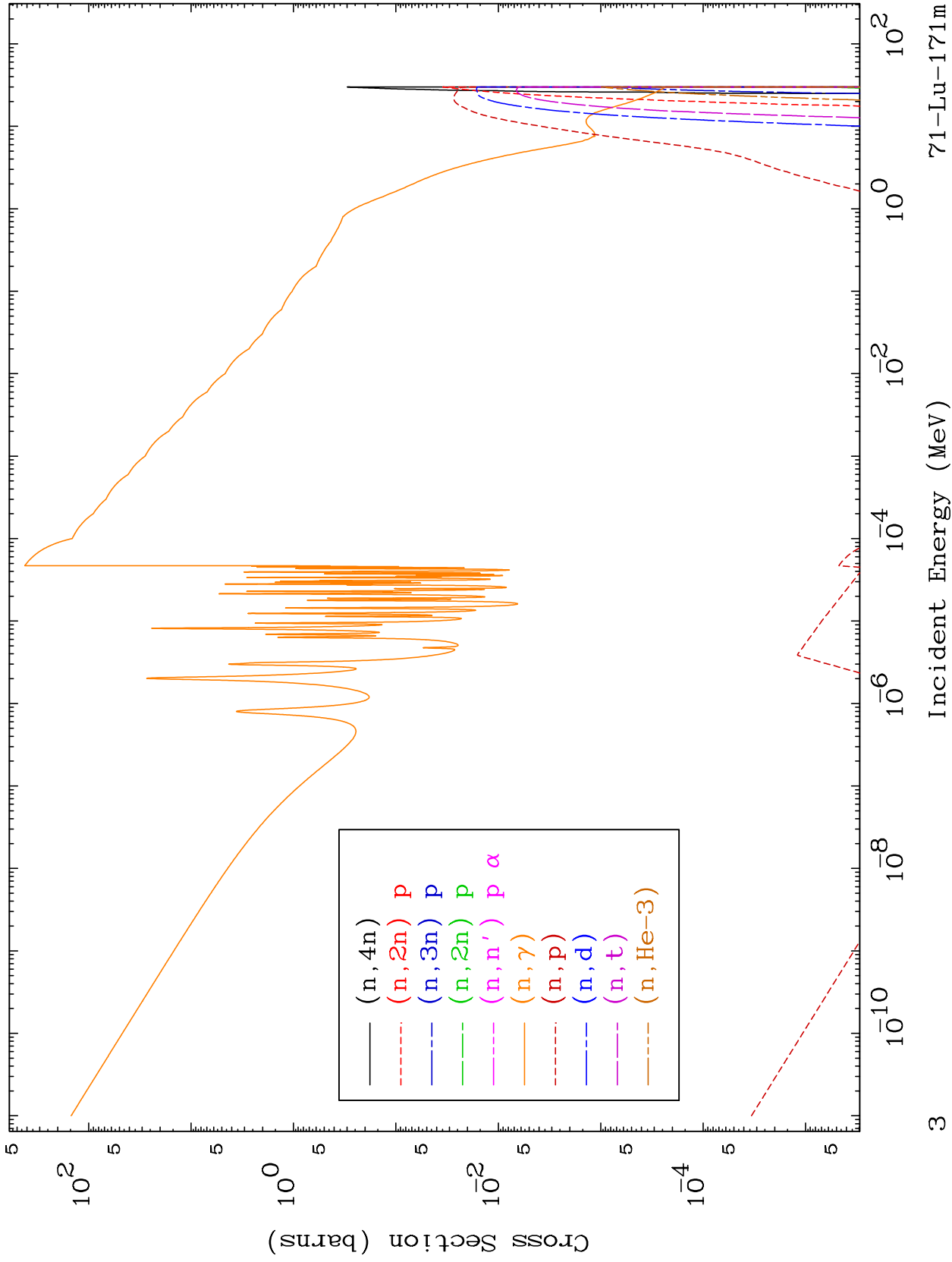
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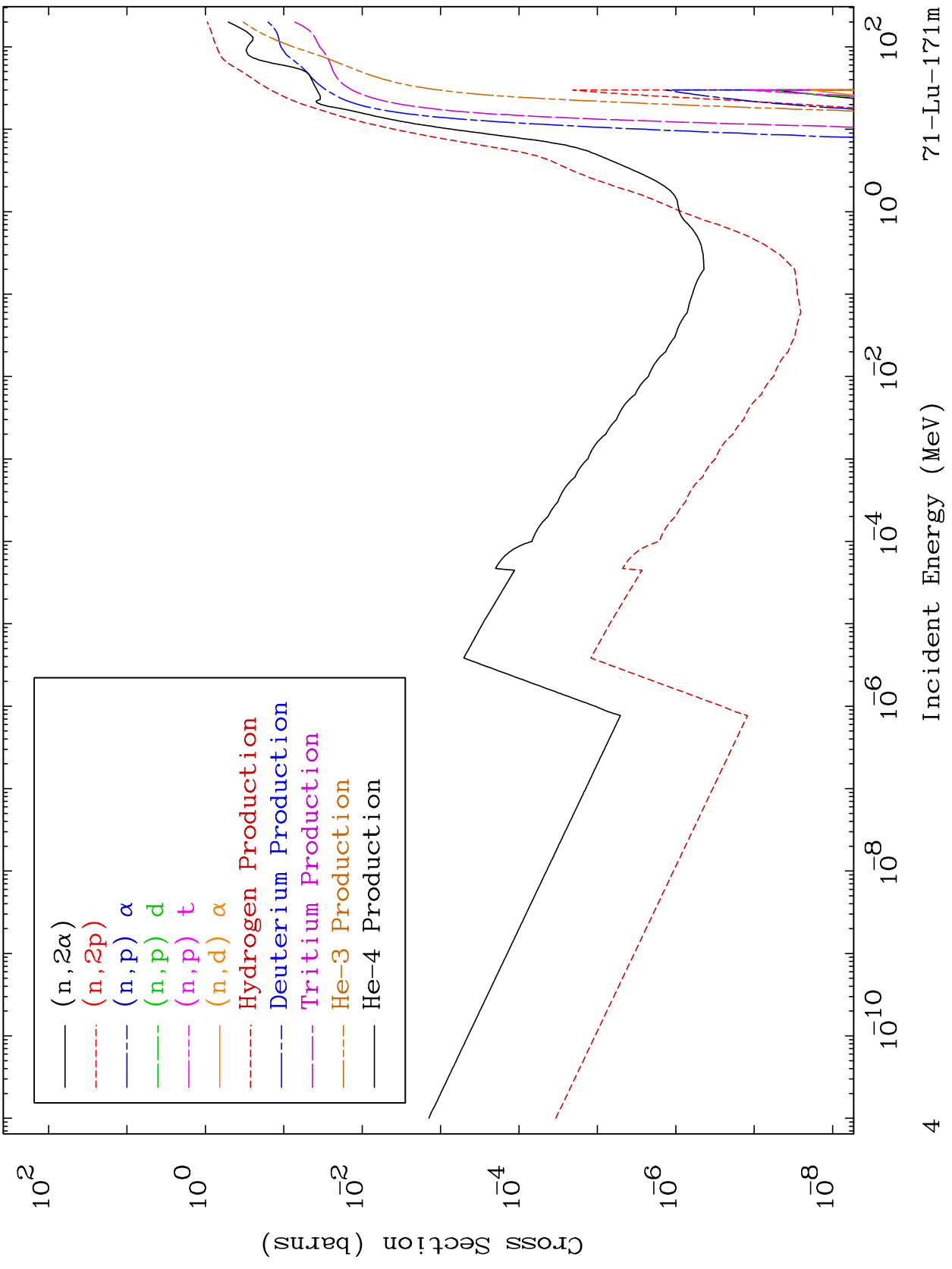
Incident Energy (MeV)

MAT 7114

Neutron Absorption  
293 Kelvin Cross Sections

71-Lu-171m

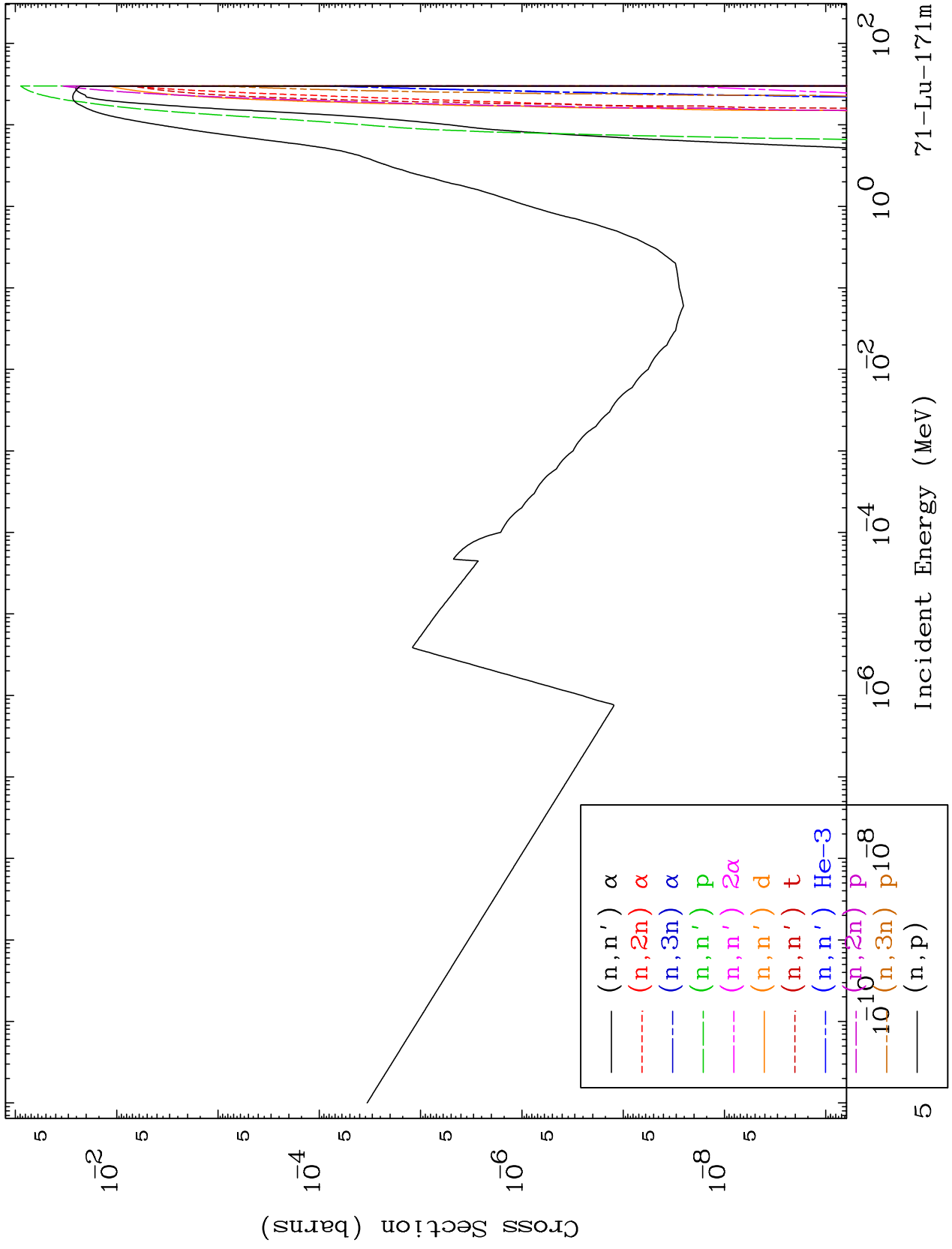




MAT 7114

Charged Particle  
293 Kelvin Cross Sections

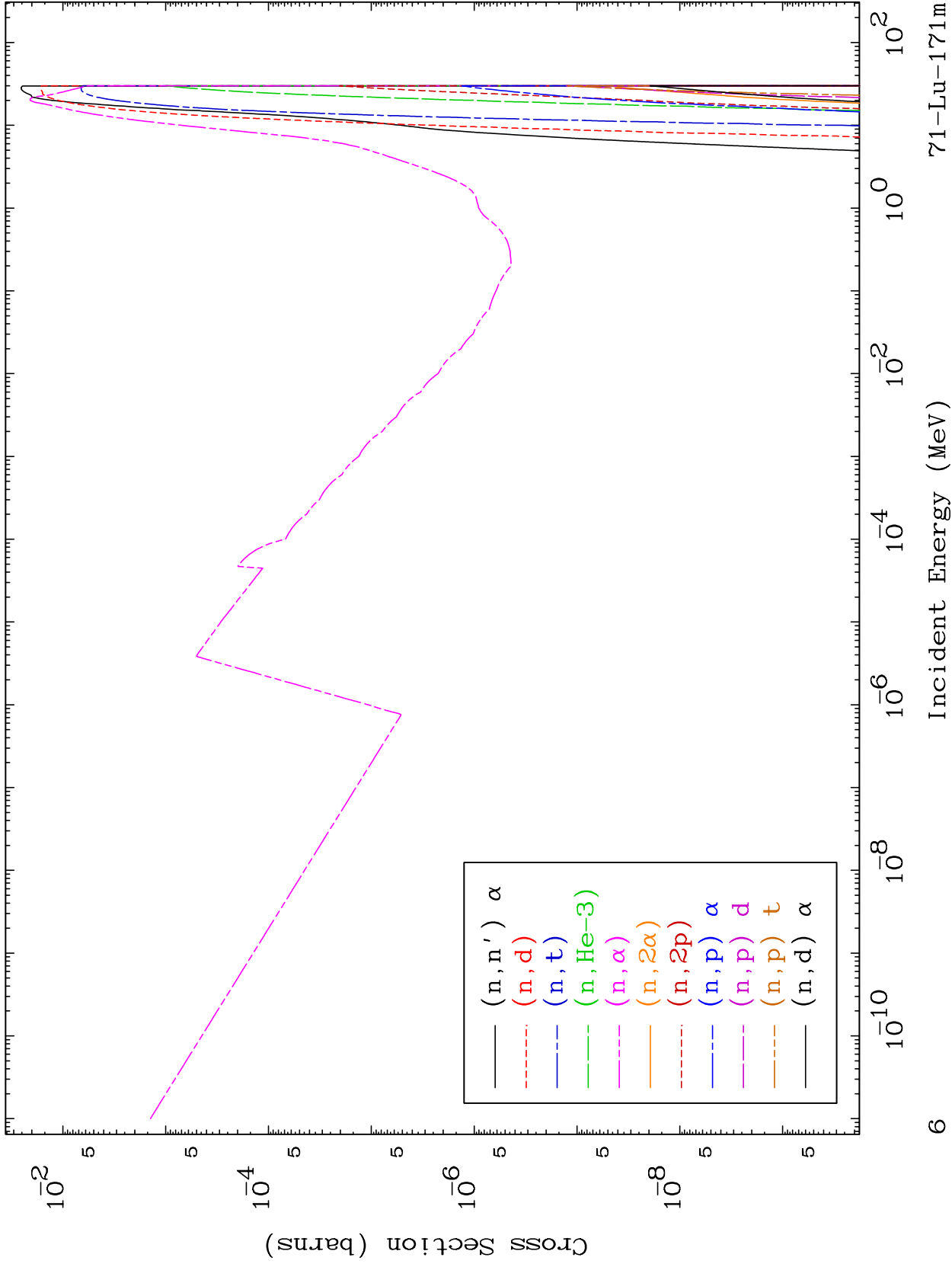
71-Lu-171m



MAT 7114

Charged Particle  
293 Kelvin Cross Sections

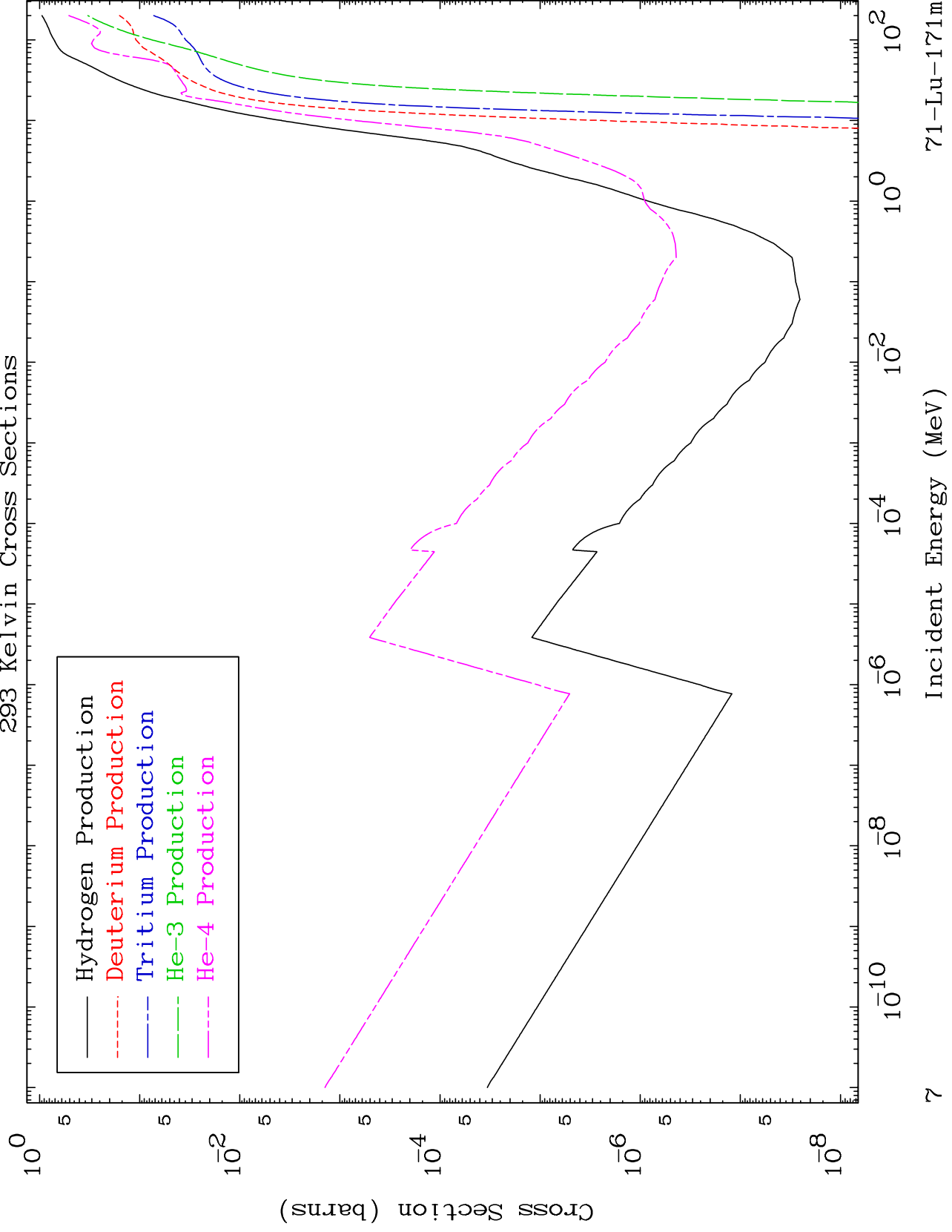
71-Lu-171m



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Particle Production  
293 Kelvin Cross Sections

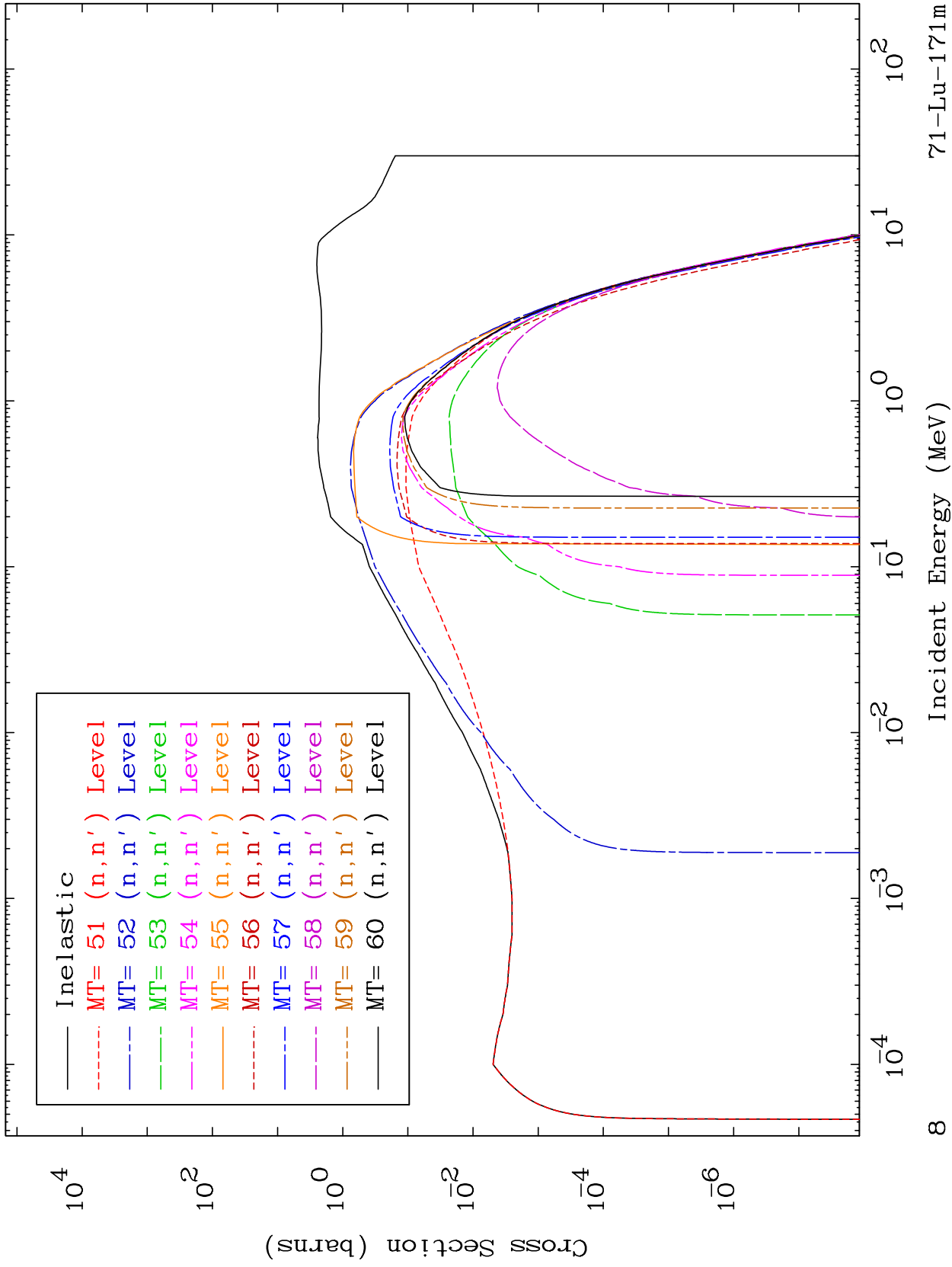
71-Lu-171m



MAT 7114

(n,n') Levels  
293 Kelvin Cross Sections

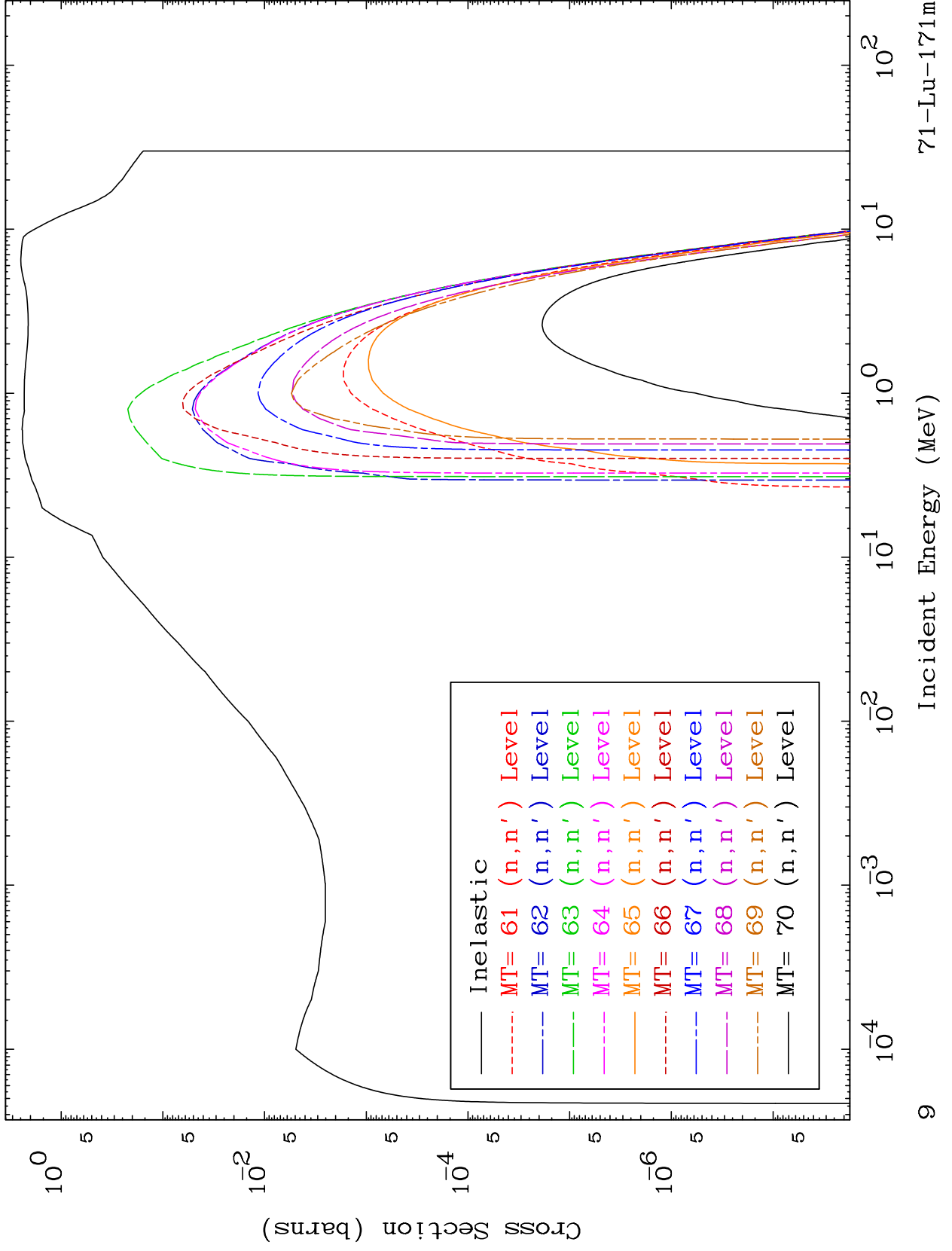
71-Lu-171m



MAT 7114

293 Kelvin Cross Sections  
(n,n') Levels

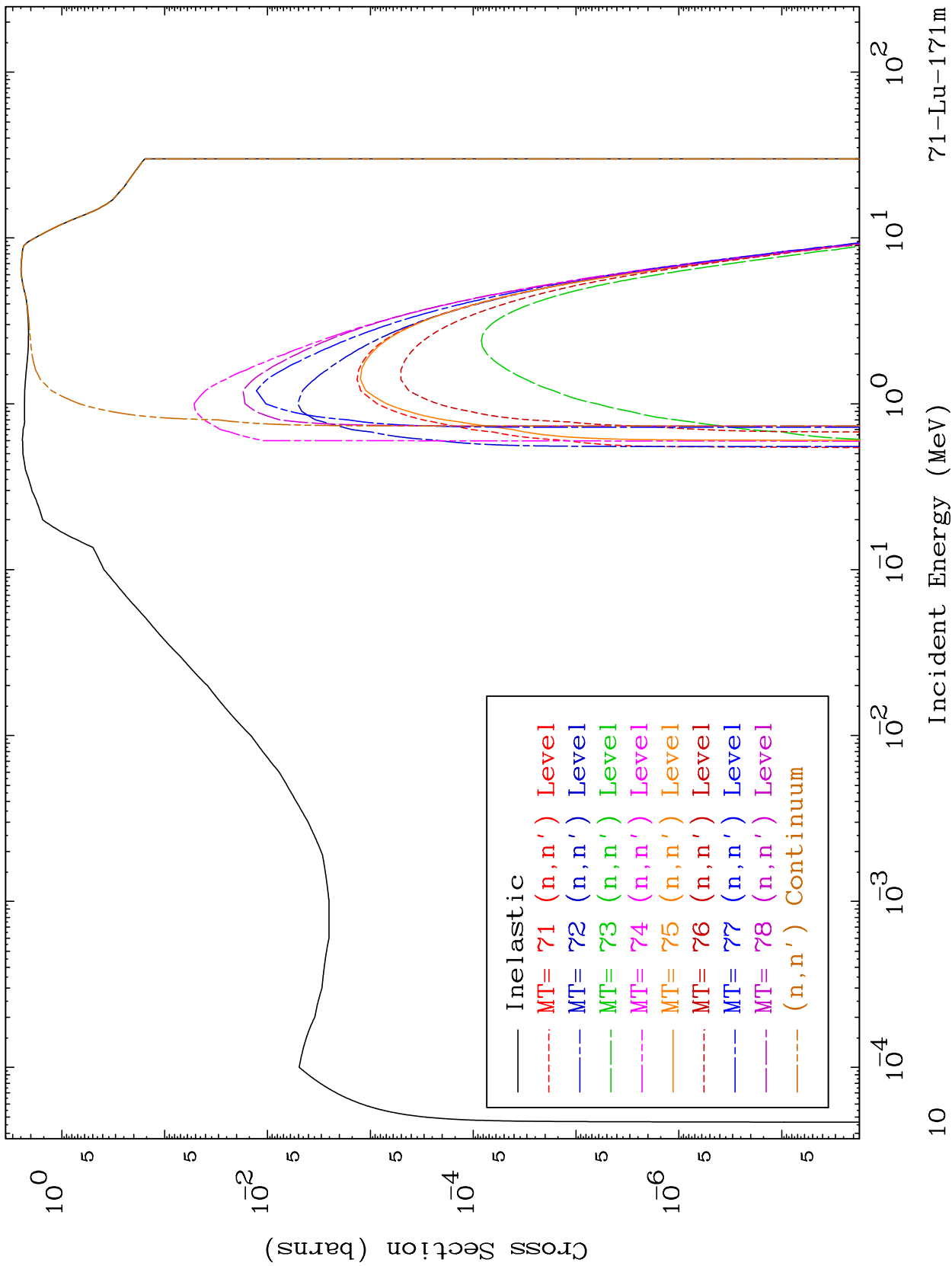
71-Lu-171m



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293 Kelvin Cross Sections  
(n,n') Levels

71-Lu-171m



10

$10^{-4}$

$10^{-3}$

$10^{-2}$

$10^{-1}$

$10^0$

$10^1$

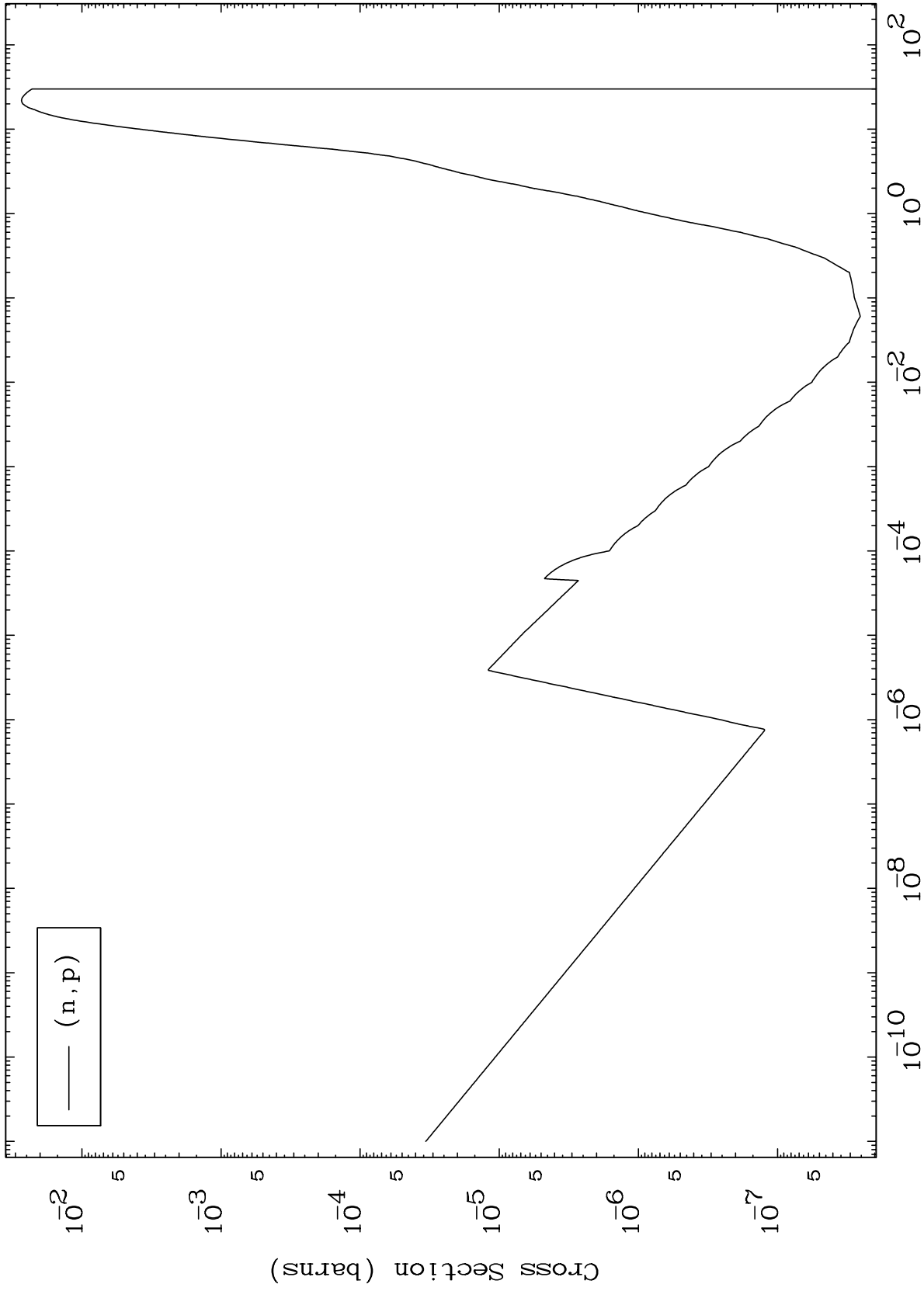
$10^2$

71-Lu-171m

MAT 7114

(n,p) Levels  
293 Kelvin Cross Sections

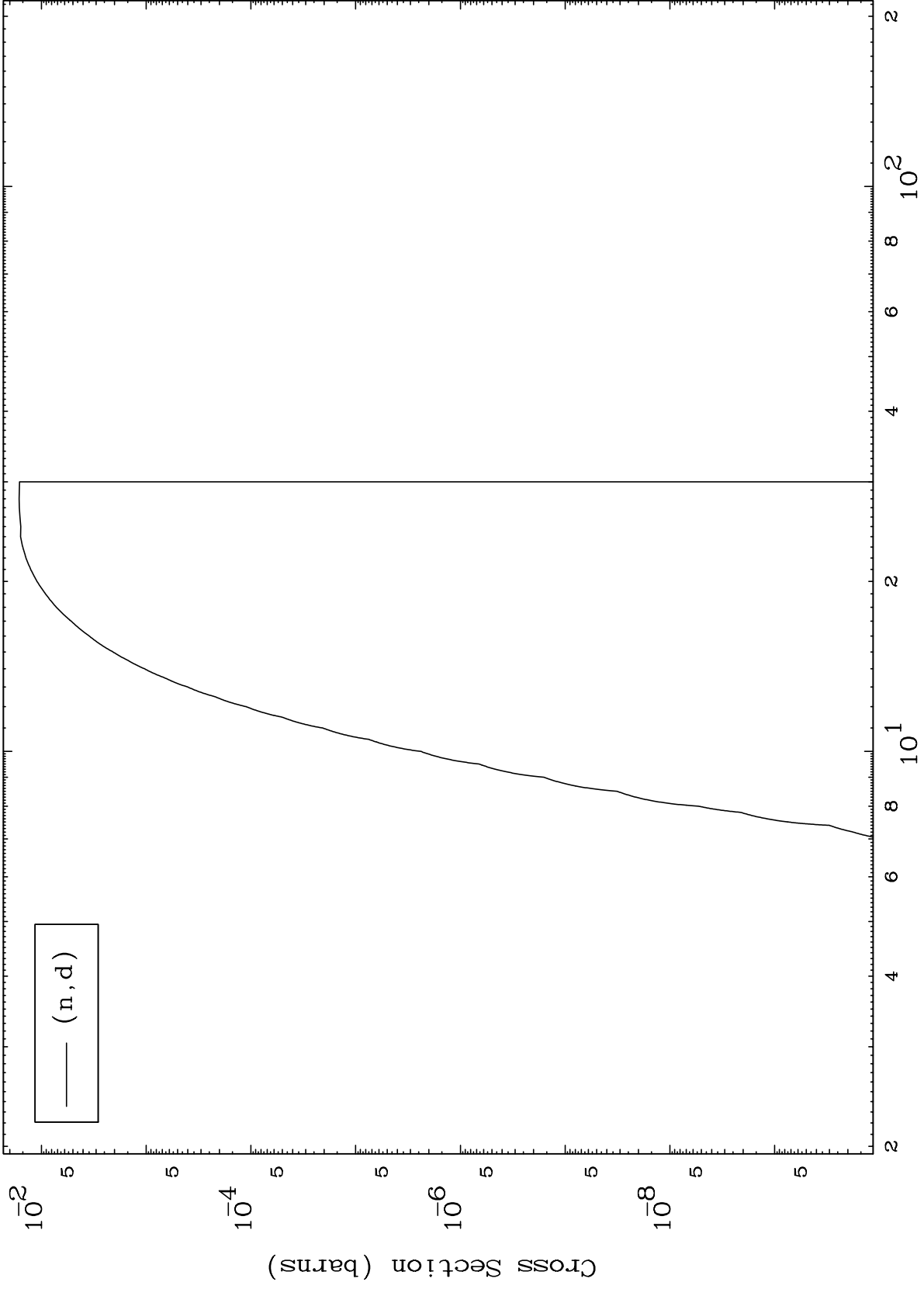
71-Lu-171m



MAT 7114

(n,d) Levels  
293 Kelvin Cross Sections

71-Lu-171m



12

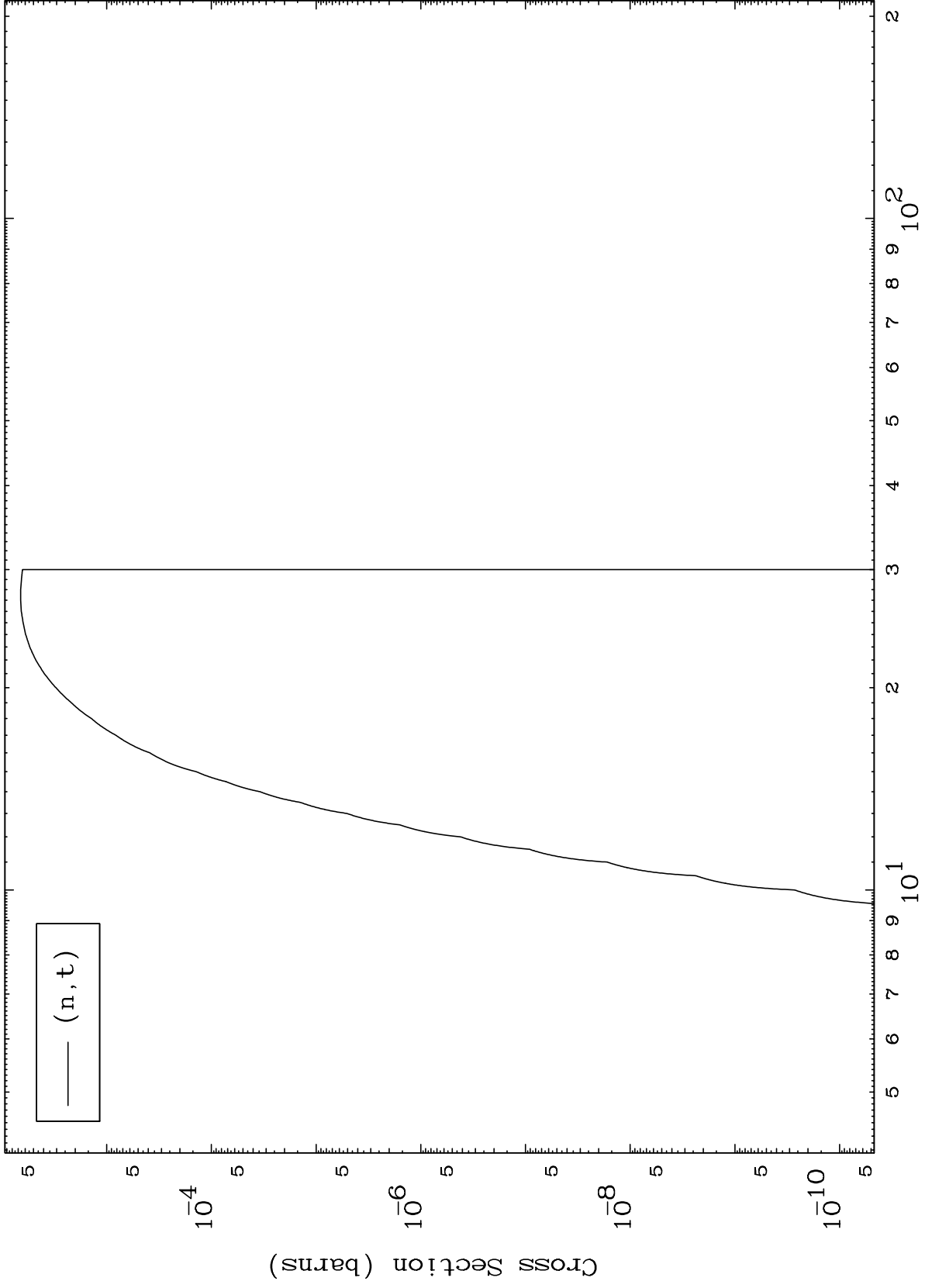
Incident Energy (MeV)

71-Lu-171m

MAT 7114

(n,t) Levels  
293 Kelvin Cross Sections

71-Lu-171m



13

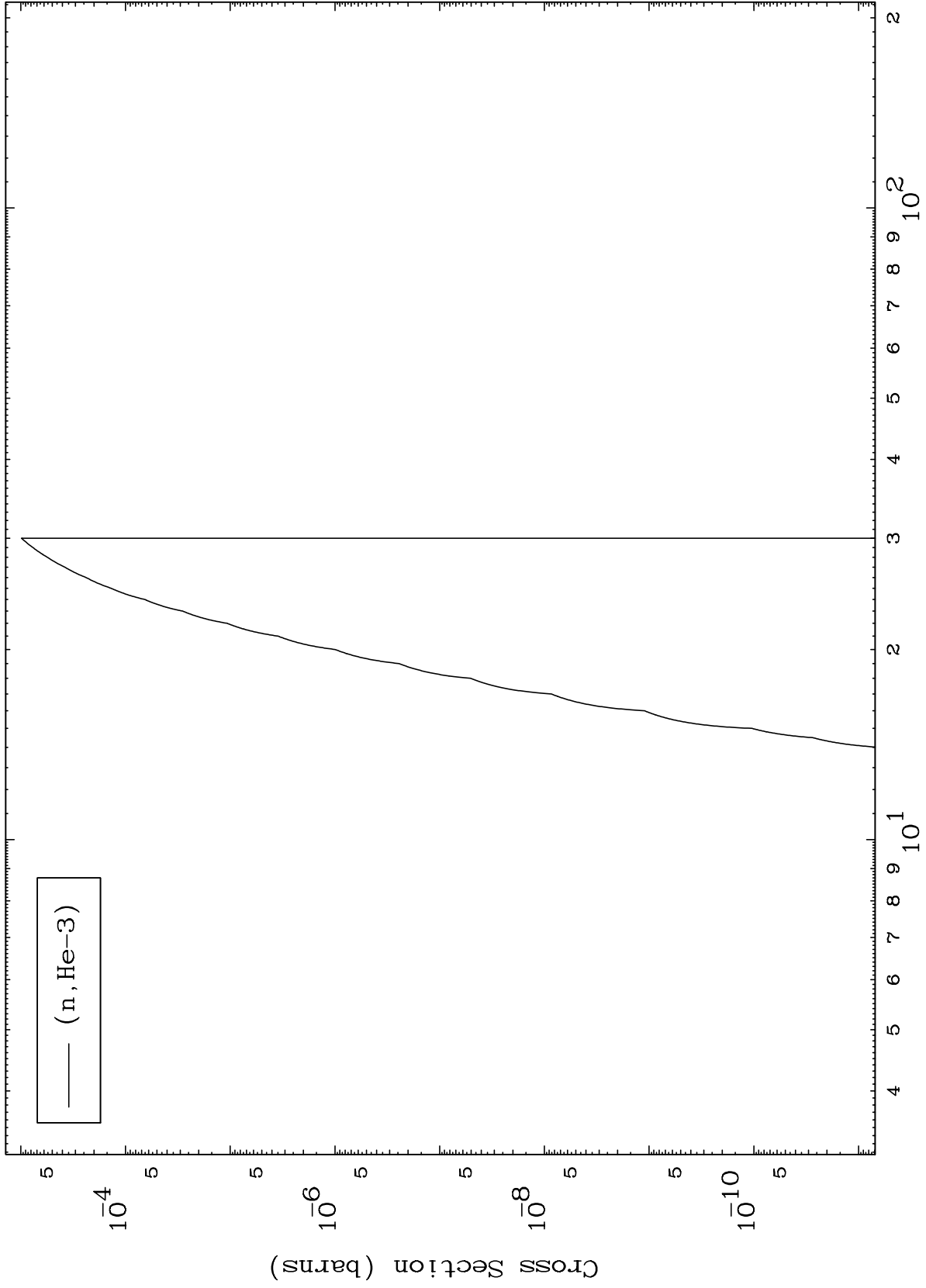
Incident Energy (MeV)

71-Lu-171m

MAT 7114

(n,He3) Levels  
293 Kelvin Cross Sections

71-Lu-171m



14

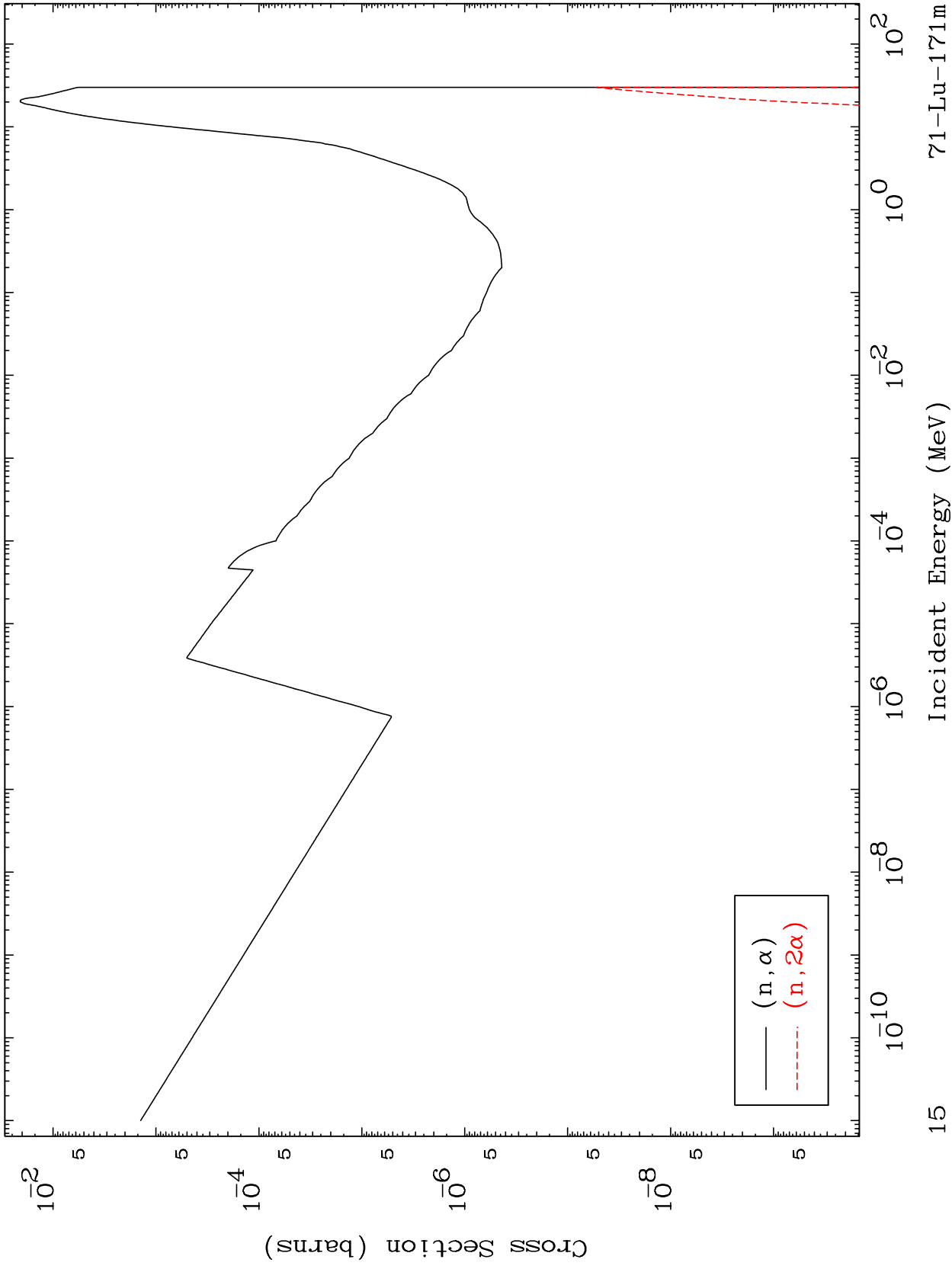
Incident Energy (MeV)

71-Lu-171m

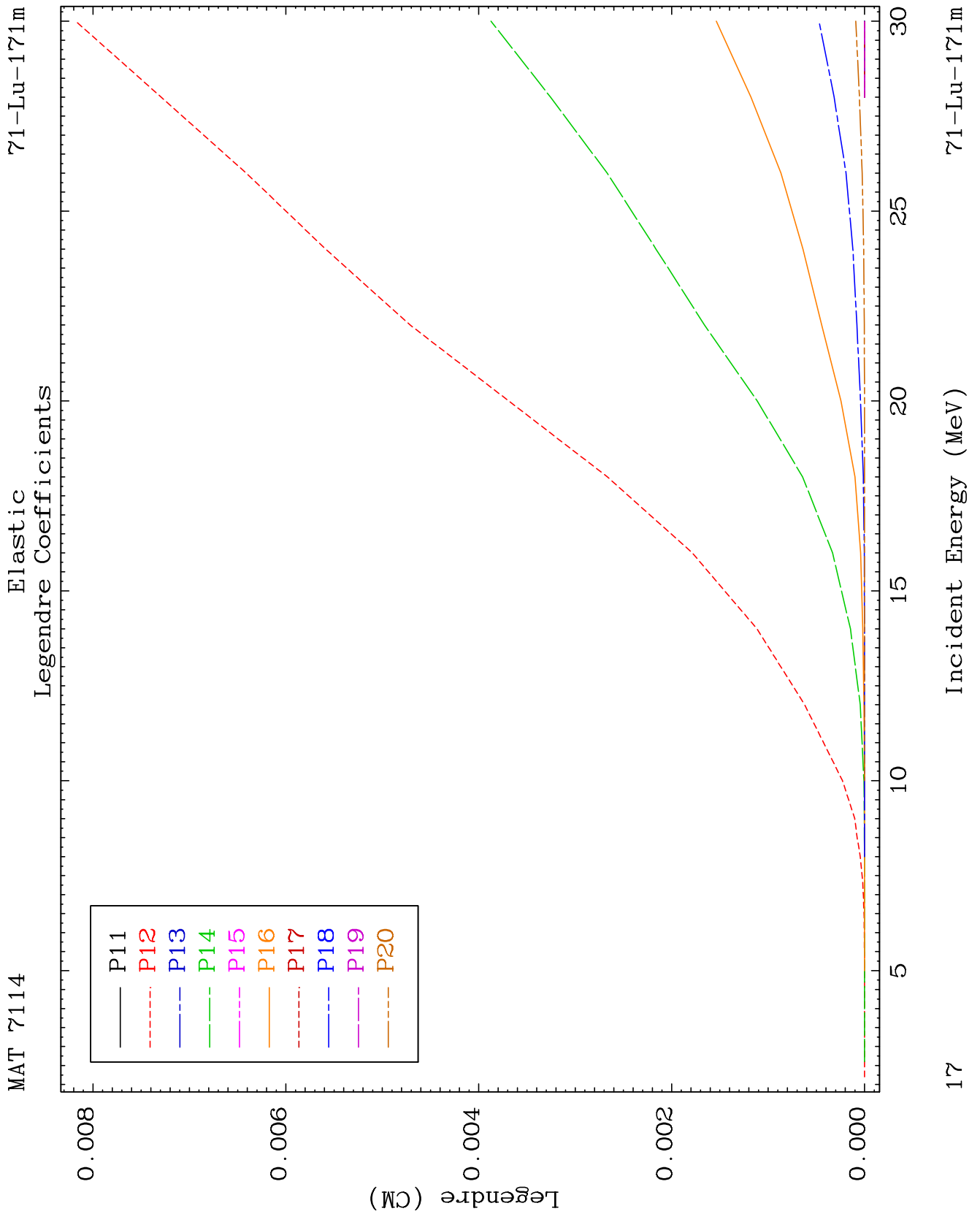
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(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

71-Lu-171m





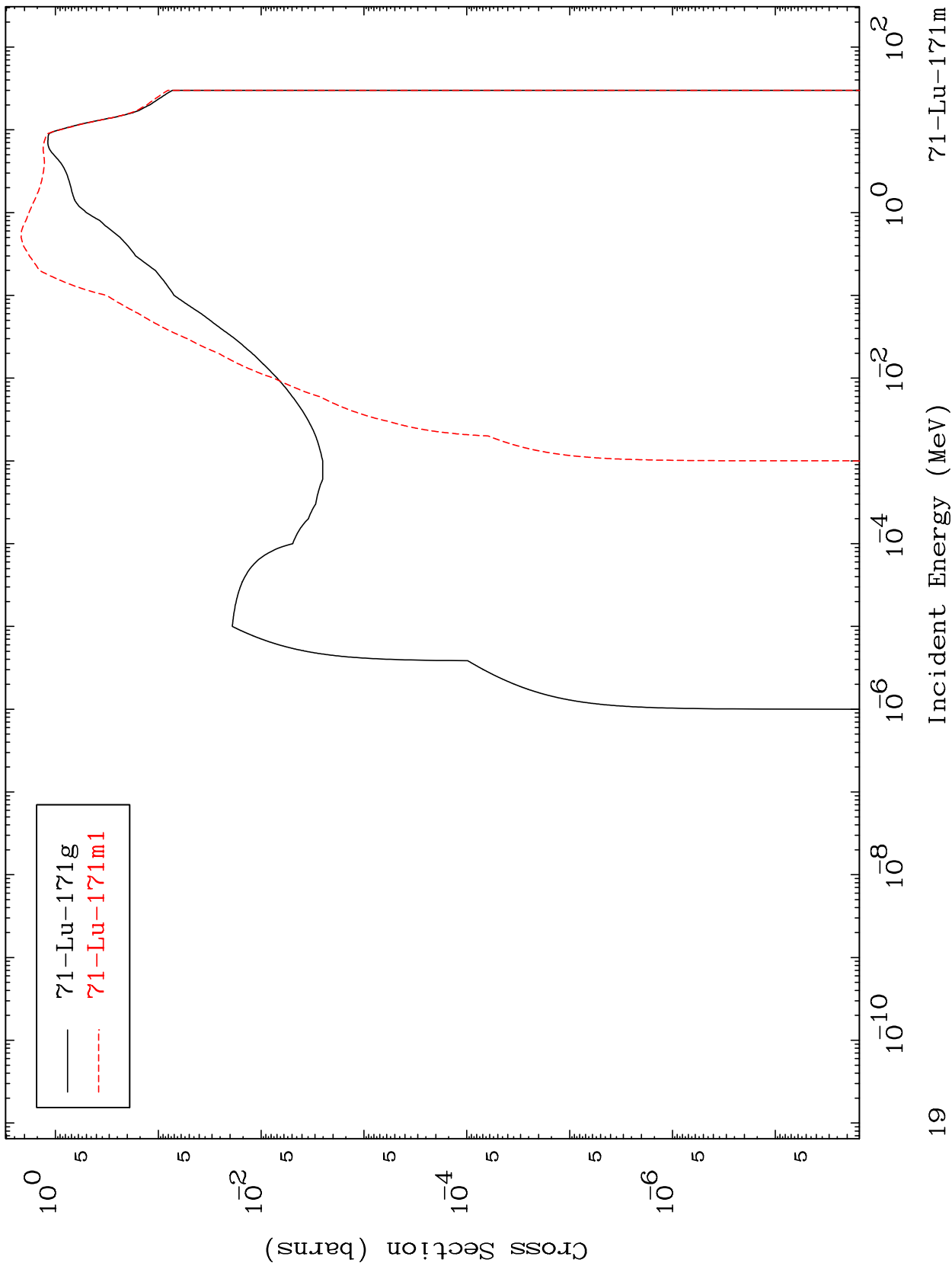




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71-Lu-171m

Inelastic  
Radionuclide Production Cross Section

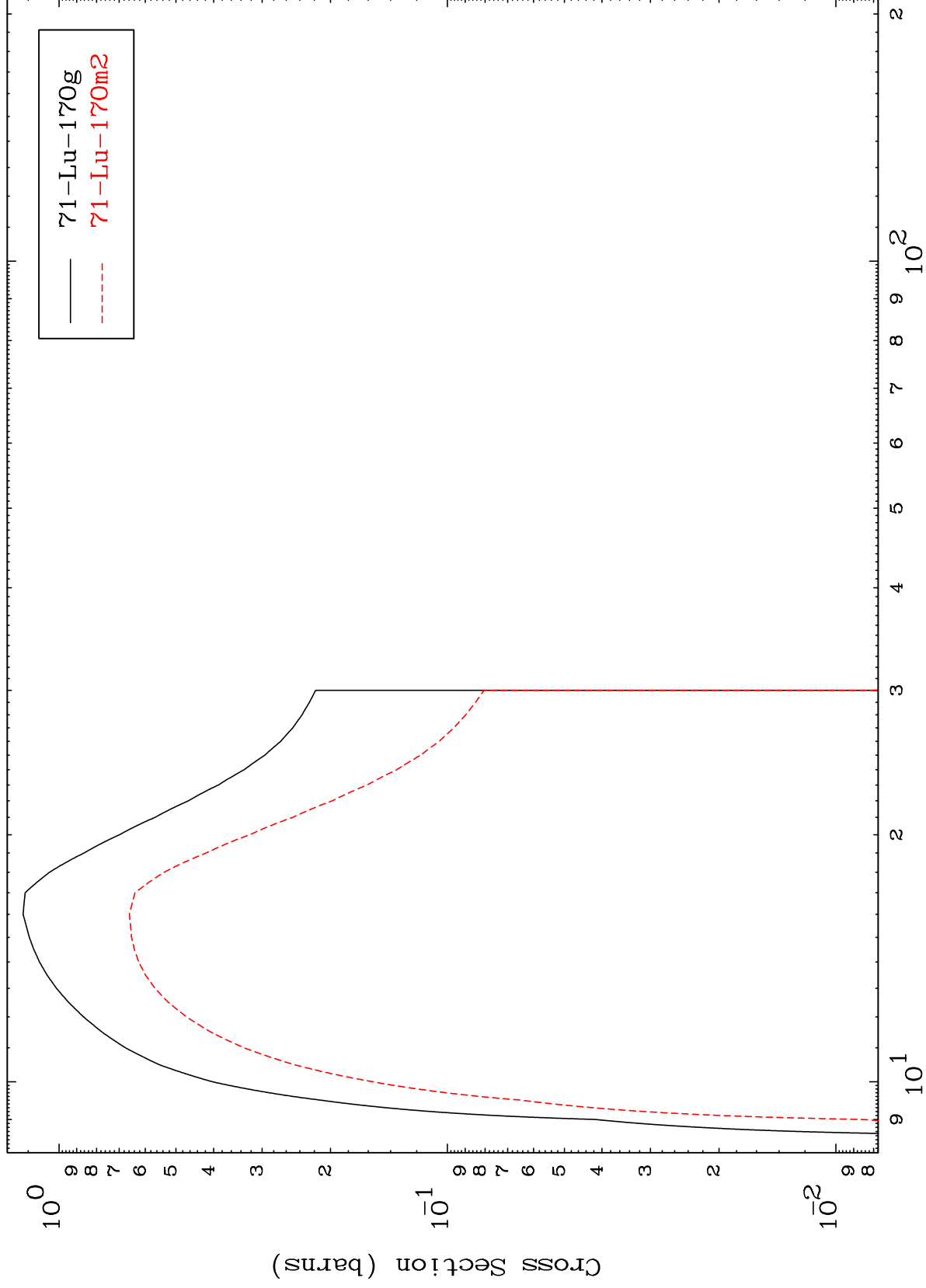


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(n,2n)

<sup>71</sup>Lu-171m

Radionuclide Production Cross Section



Incident Energy (MeV)

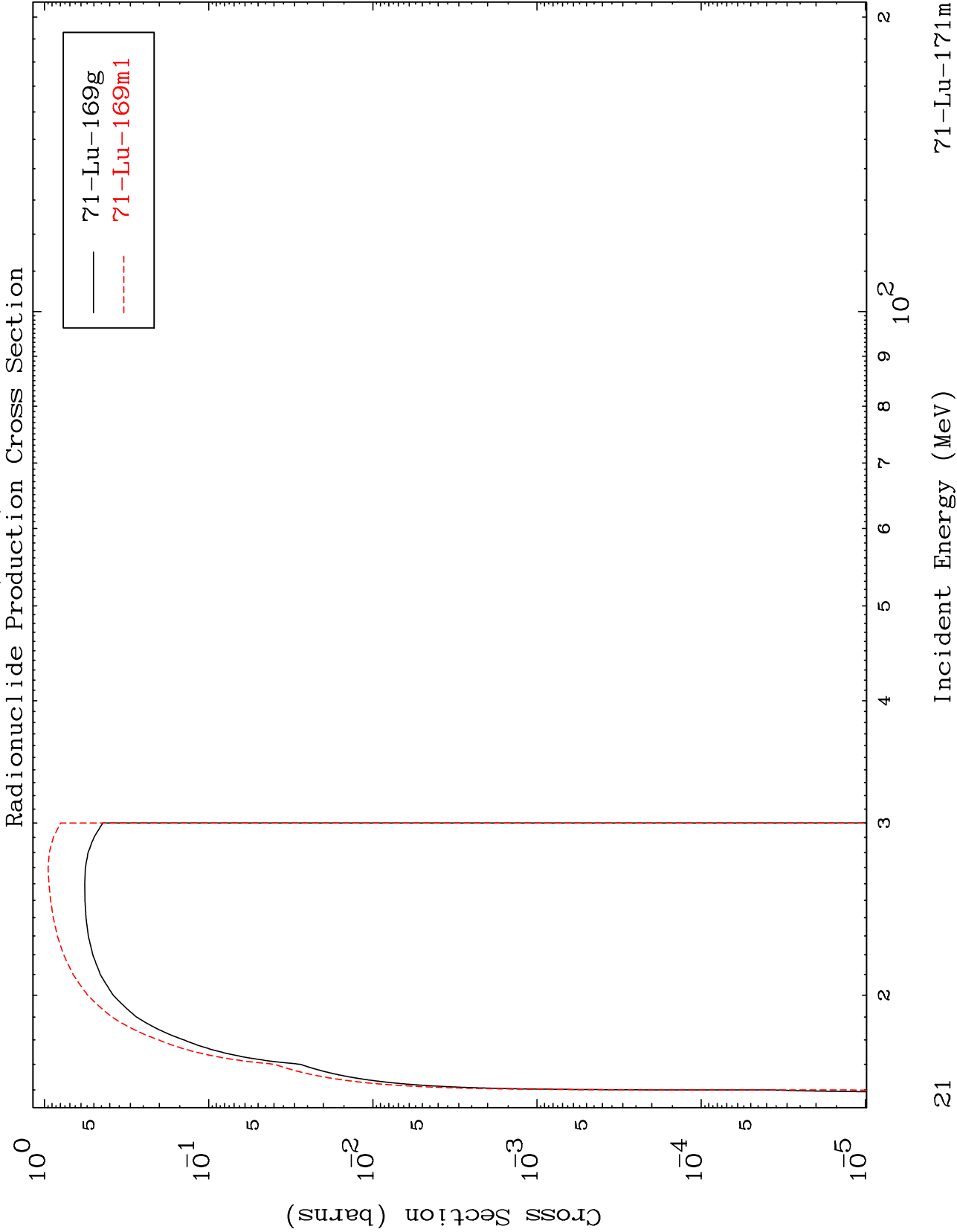
<sup>71</sup>Lu-171m

20

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(n,3n)

<sup>71</sup>Lu-171m

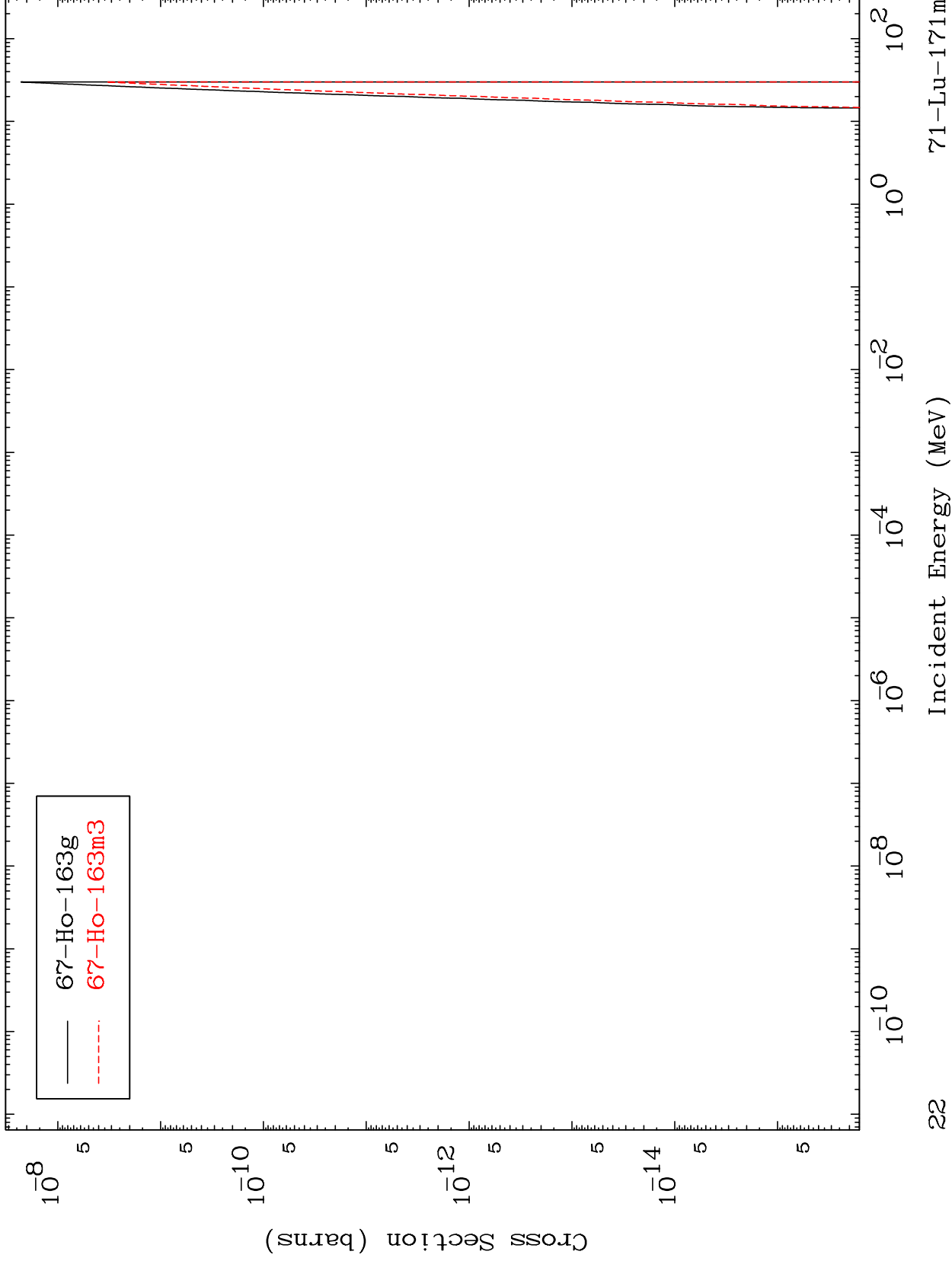


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(n,n') 2α

71-Lu-171m

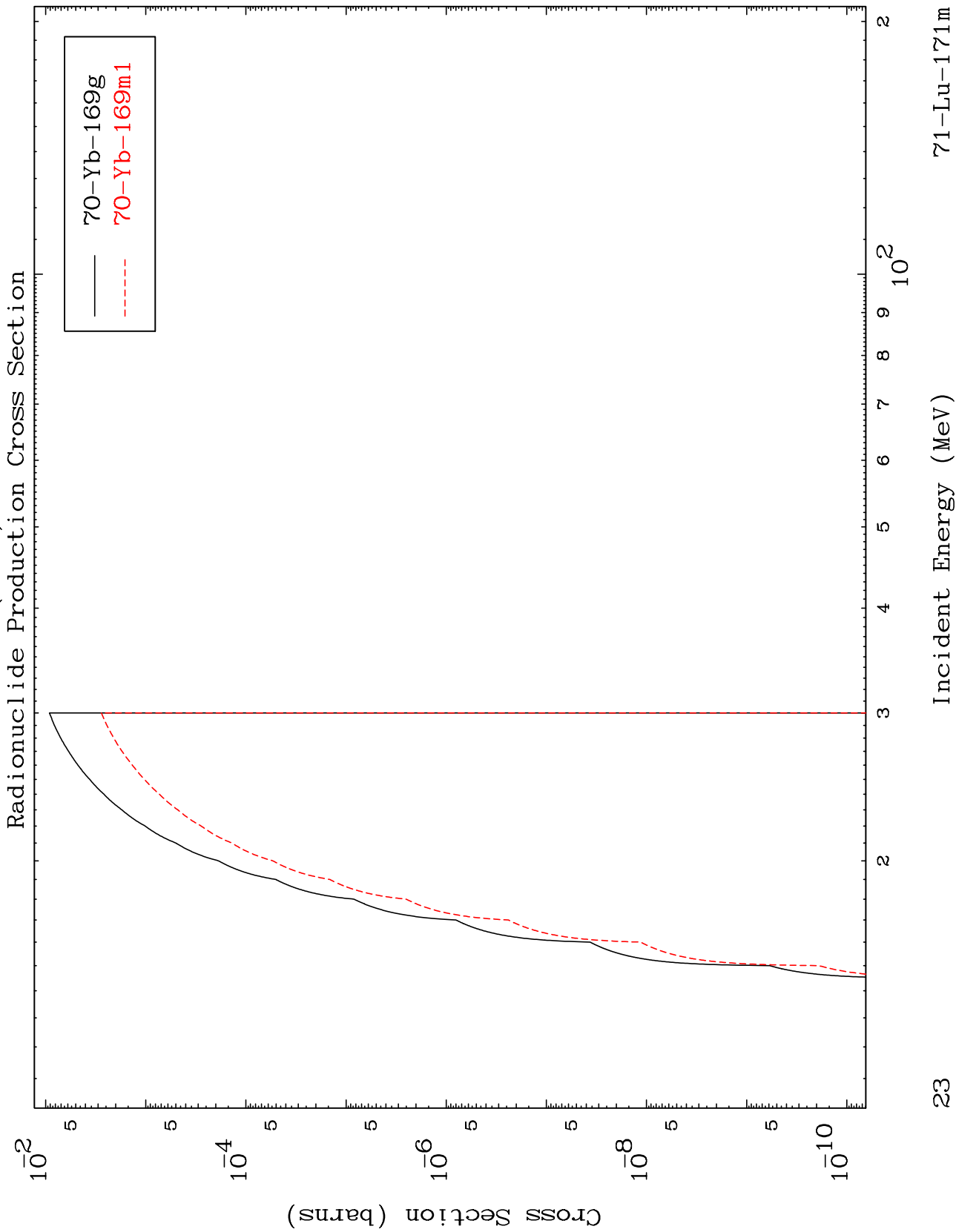
Radionuclide Production Cross Section



MAT 7114

(n,n') d

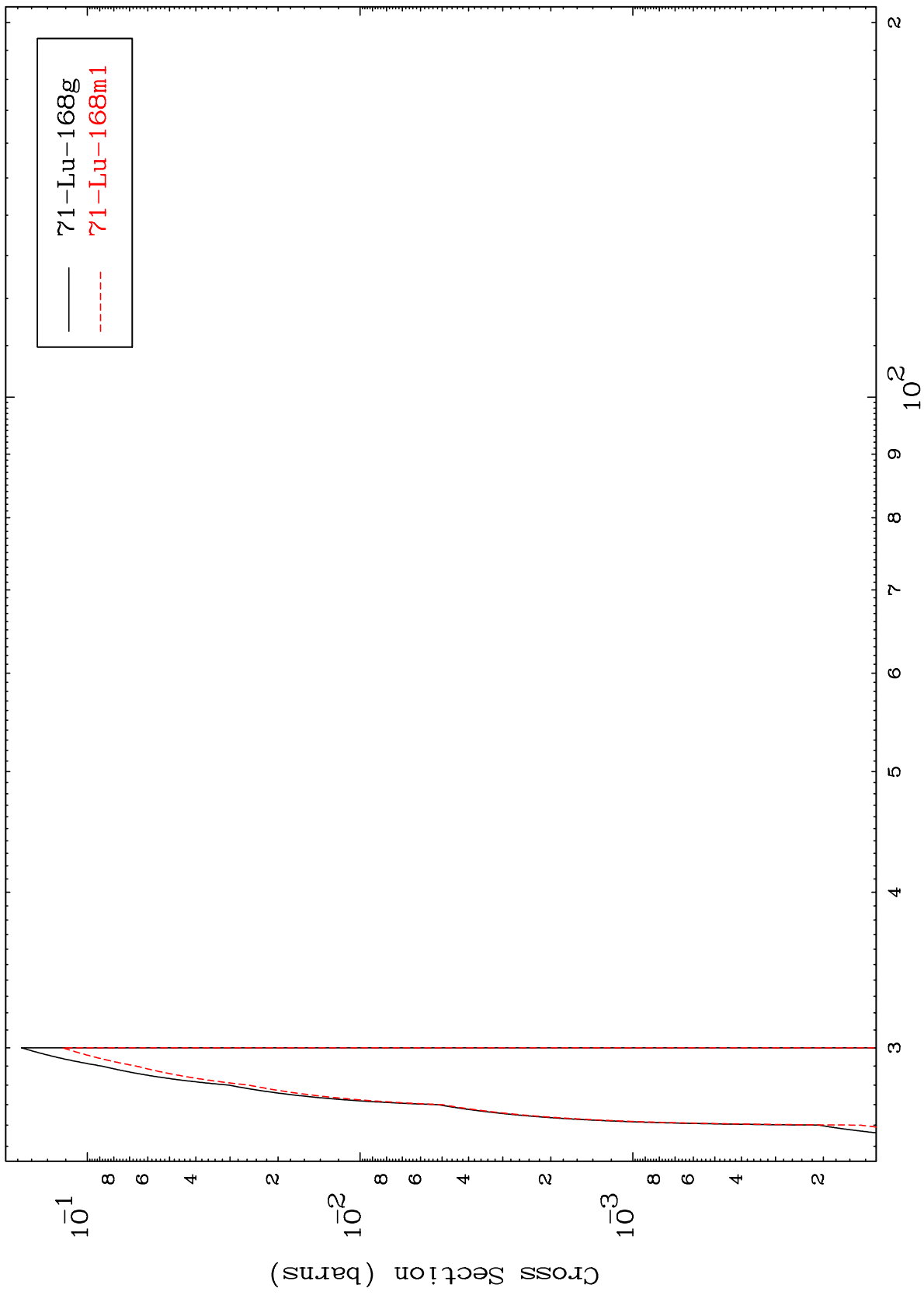
71-Lu-171m



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<sup>71</sup>Lu-171m

(n,4n)  
Radionuclide Production Cross Section



<sup>71</sup>Lu-171m

Incident Energy (MeV)

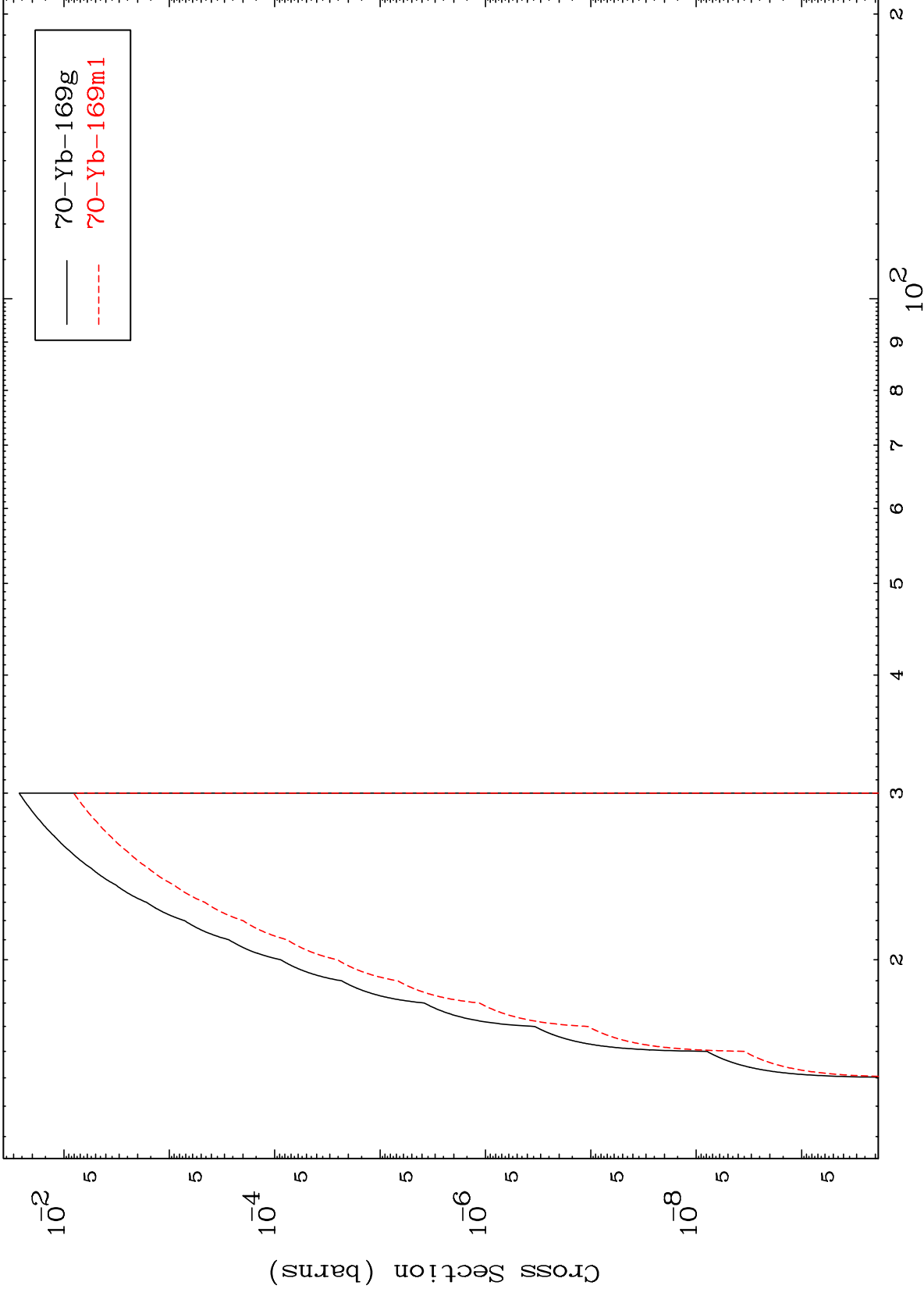
24

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(n,2n) p

71-Lu-171m

Radionuclide Production Cross Section



70-Yb-169g  
70-Yb-169m1

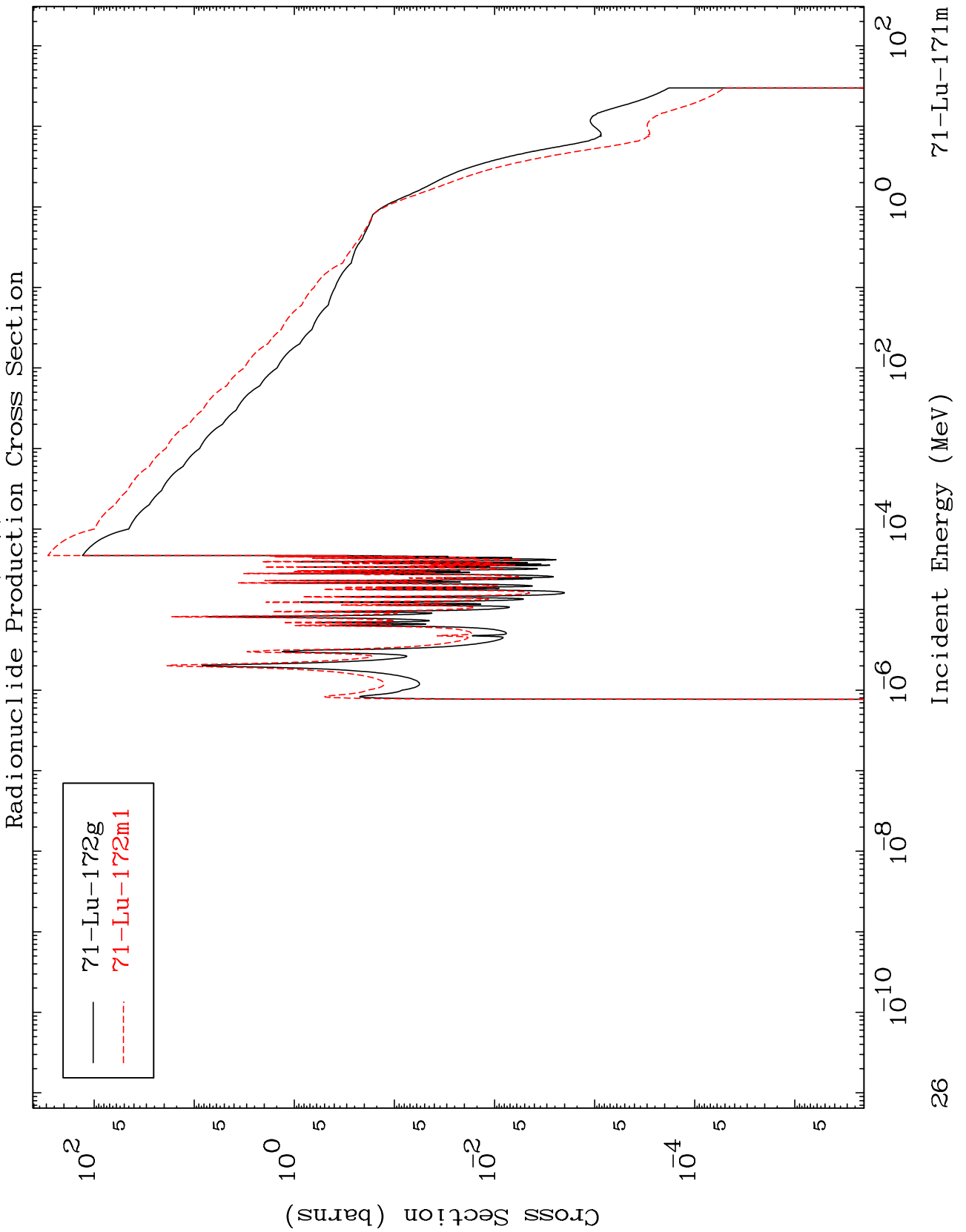
25

Incident Energy (MeV)

71-Lu-171m

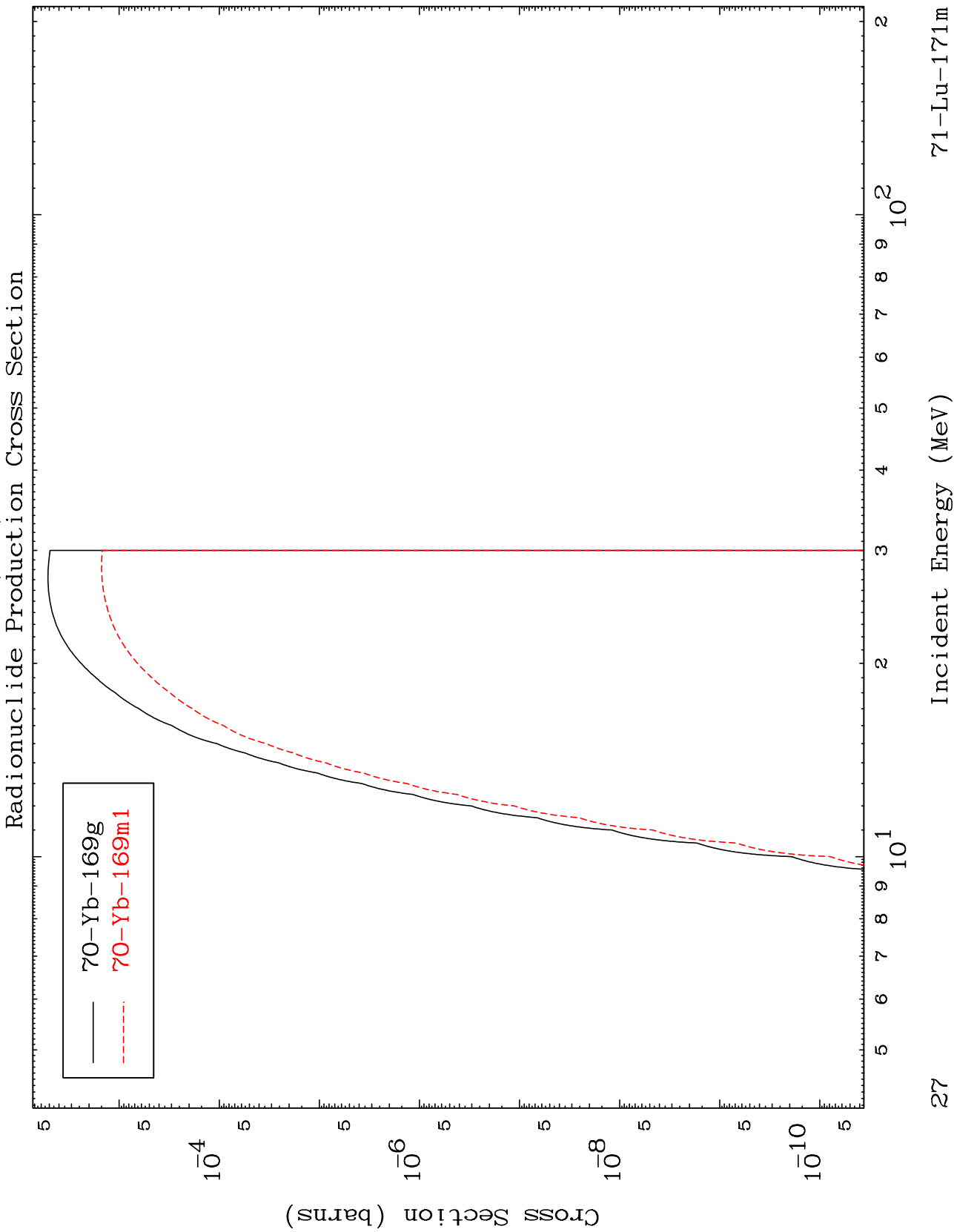
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<sup>71</sup>Lu-171m



MAT 7114

71-Lu-171m

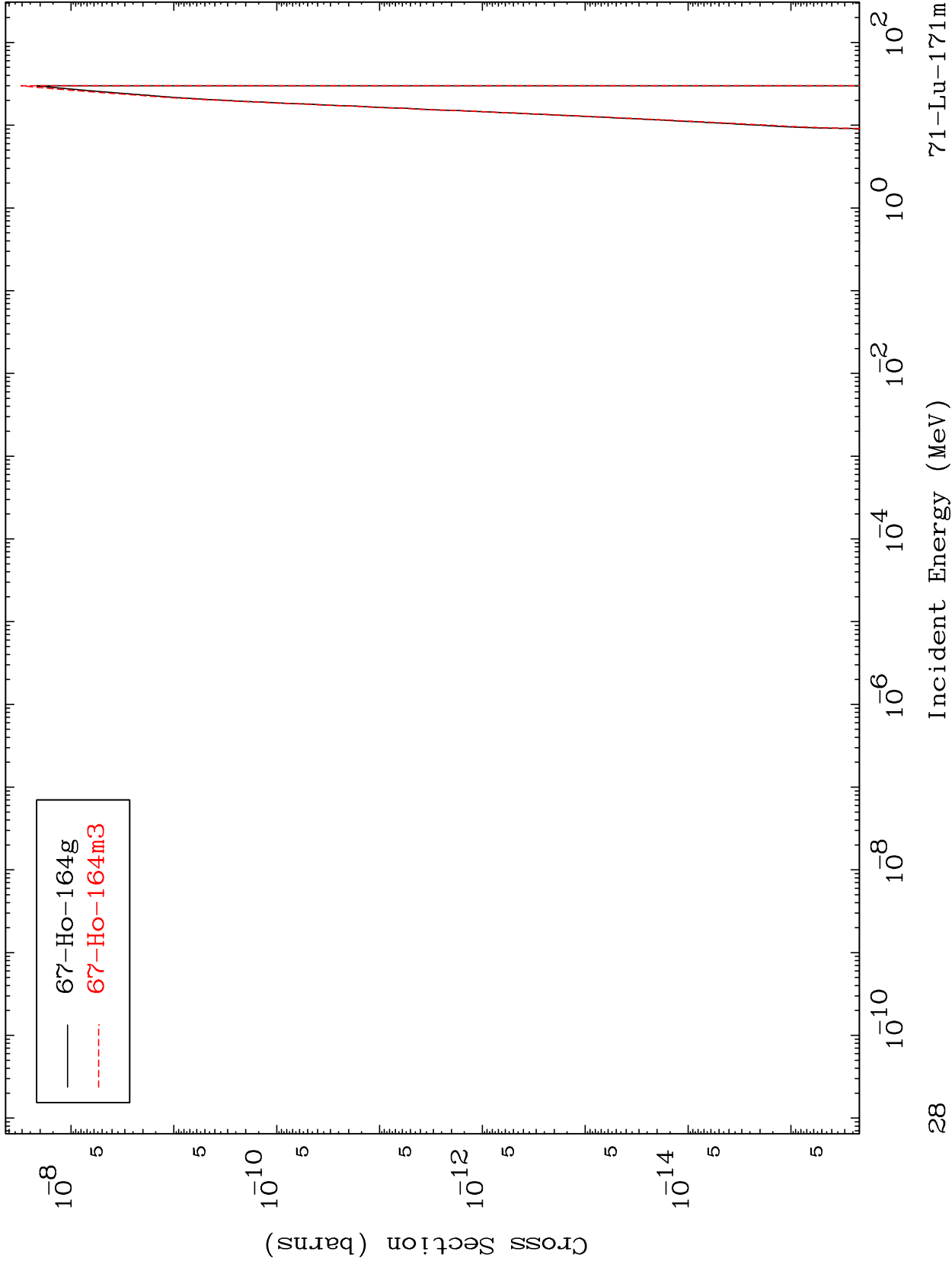


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(n,2α)

71-Lu-171m

Radionuclide Production Cross Section

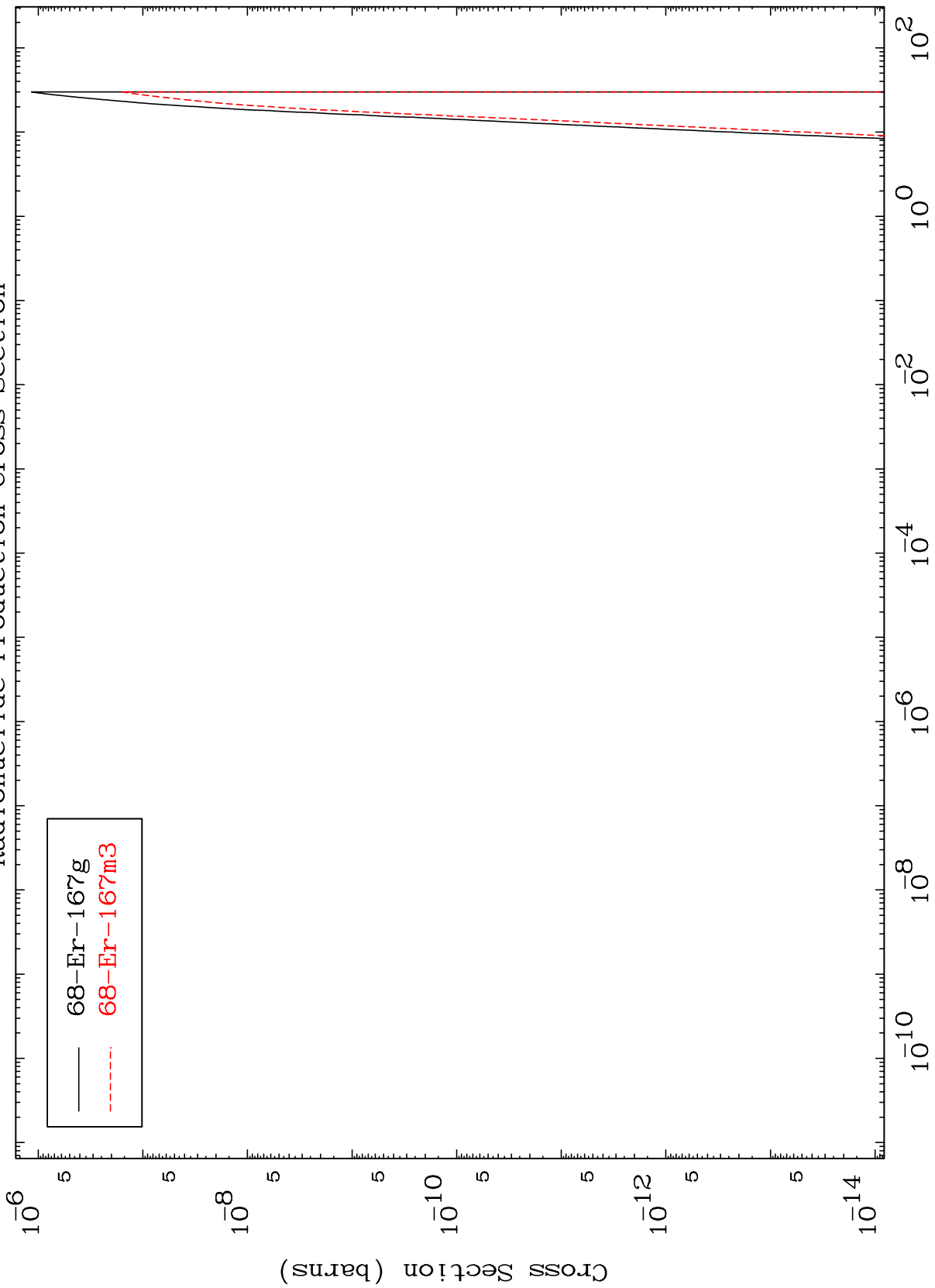


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(n,p)  $\alpha$

71-Lu-171m

Radionuclide Production Cross Section



68-Er-167g  
68-Er-167m3

Incident Energy (MeV)

71-Lu-171m