

Program EVALPLOT  
(Version 2021-1)

by

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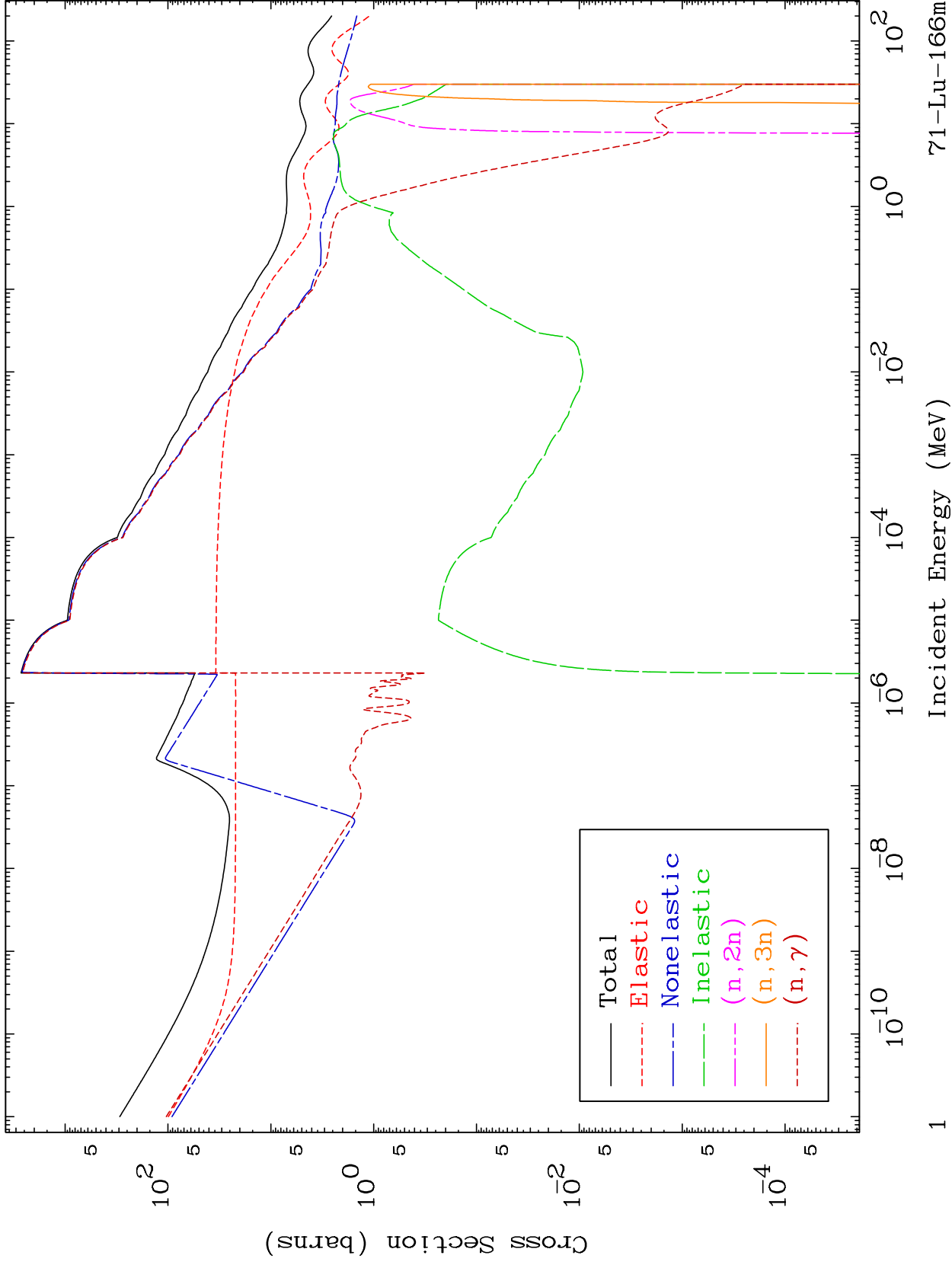
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7099

Neutron Major  
293 Kelvin Cross Sections

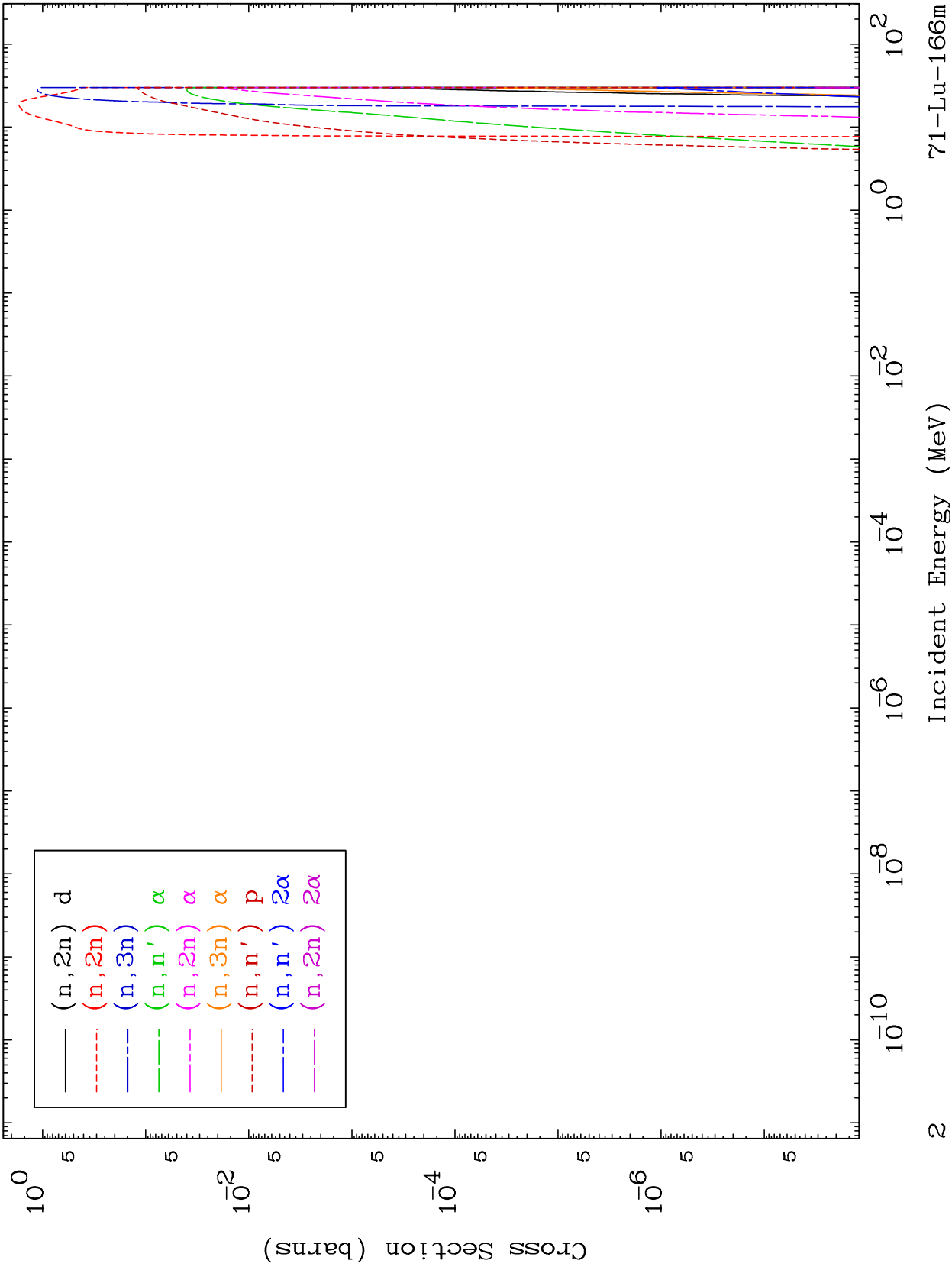
71-Lu-166m

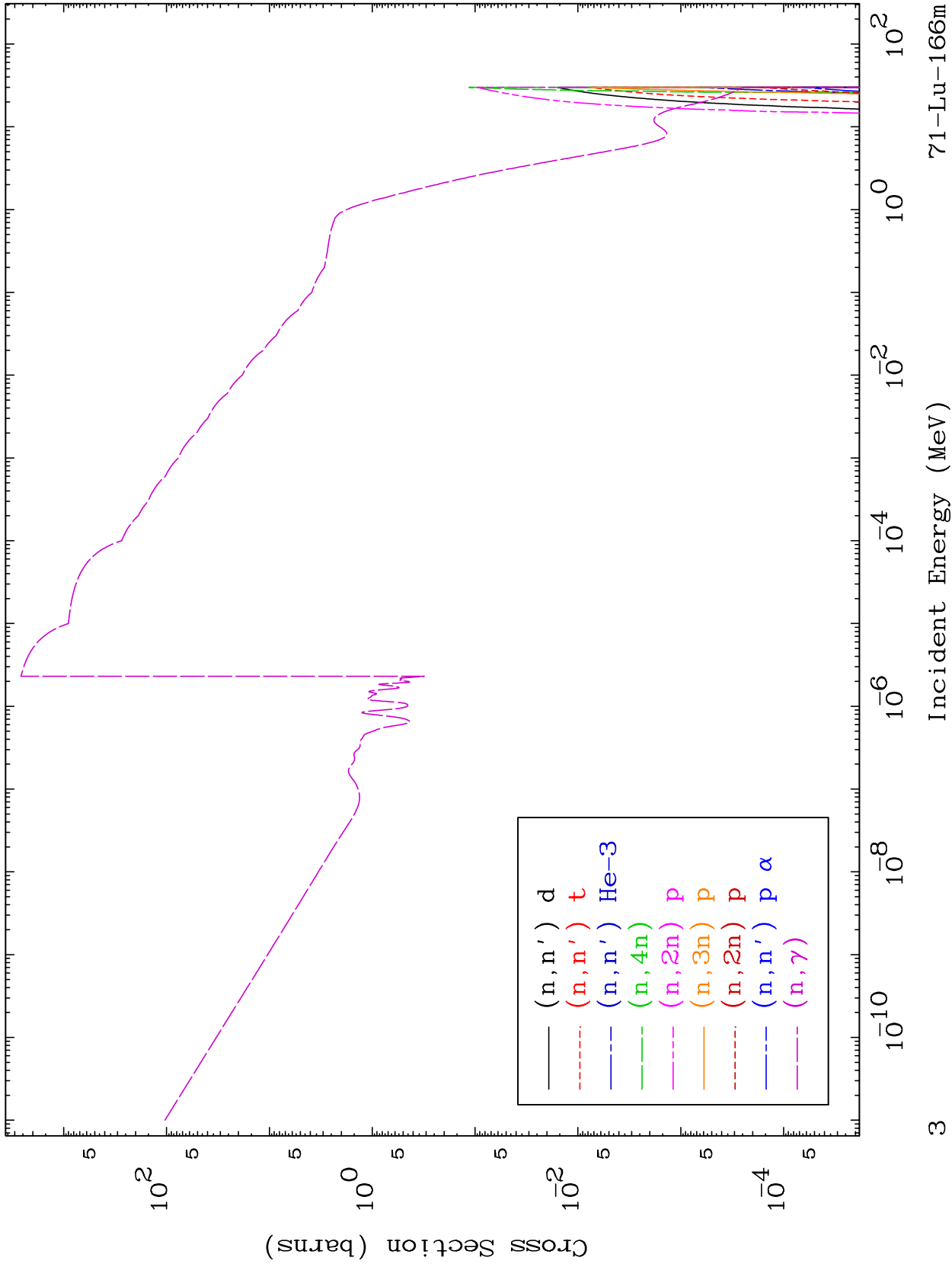


MAT 7099

Neutron Absorption  
293 Kelvin Cross Sections

71-Lu-166m

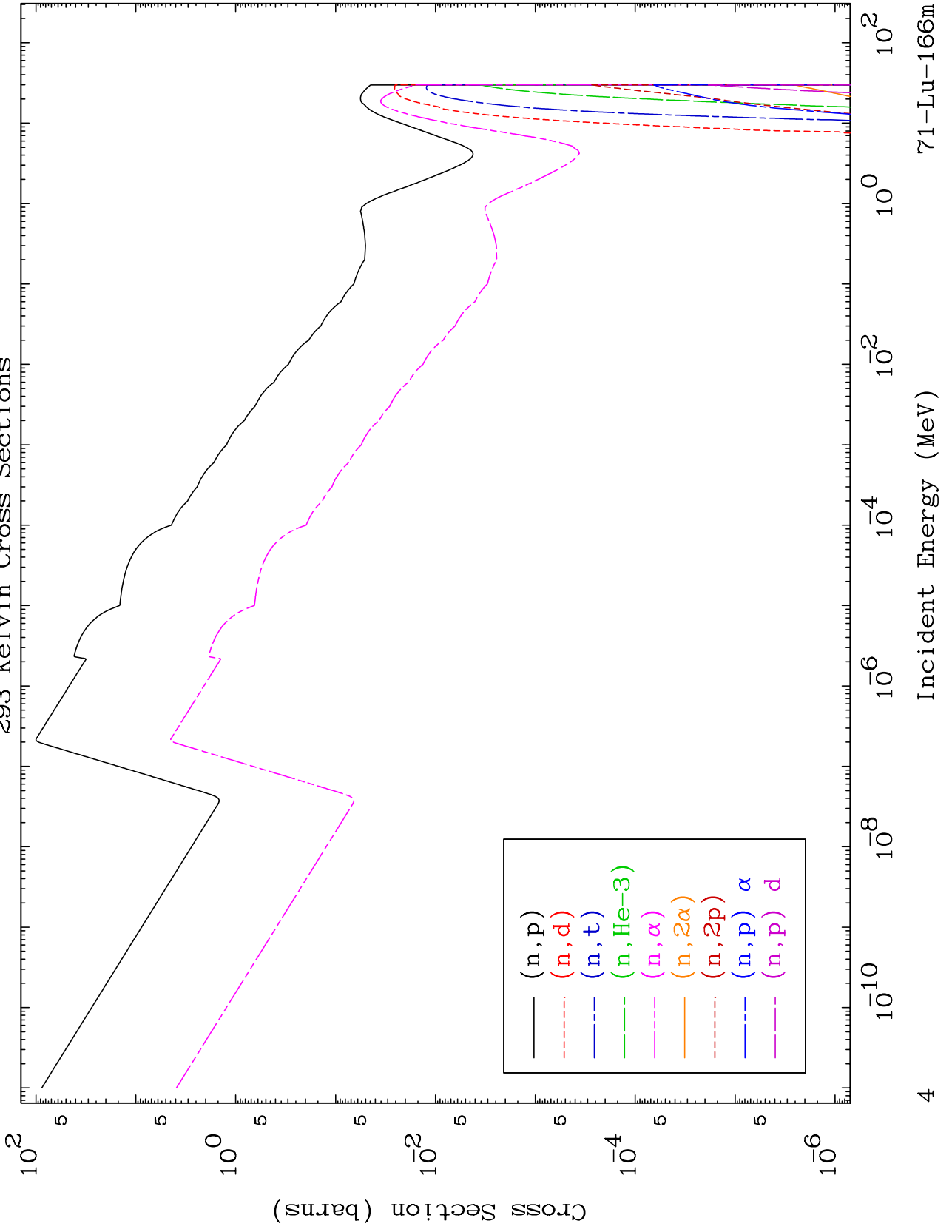


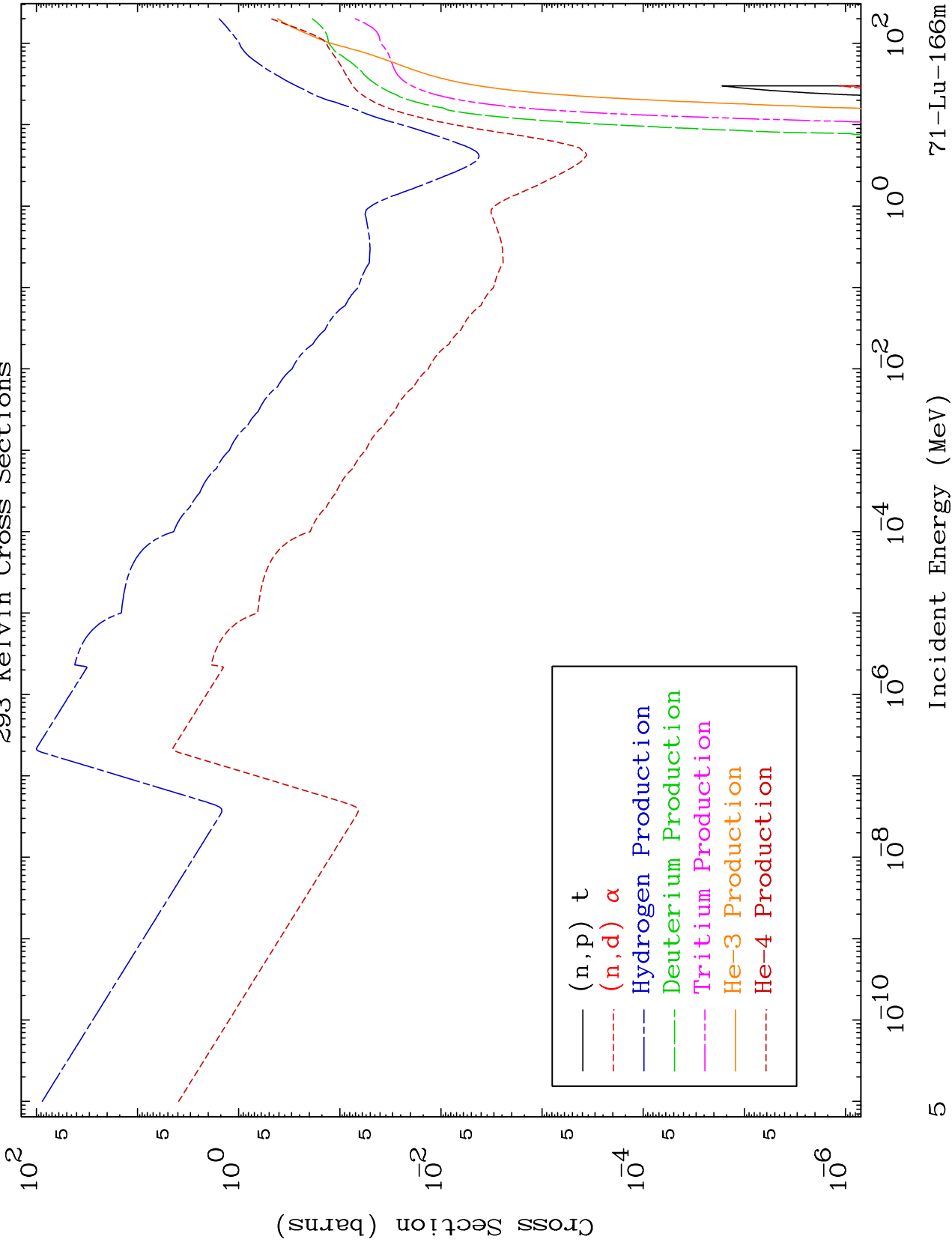


MAT 7099

Neutron Absorption  
293 Kelvin Cross Sections

71-Lu-166m

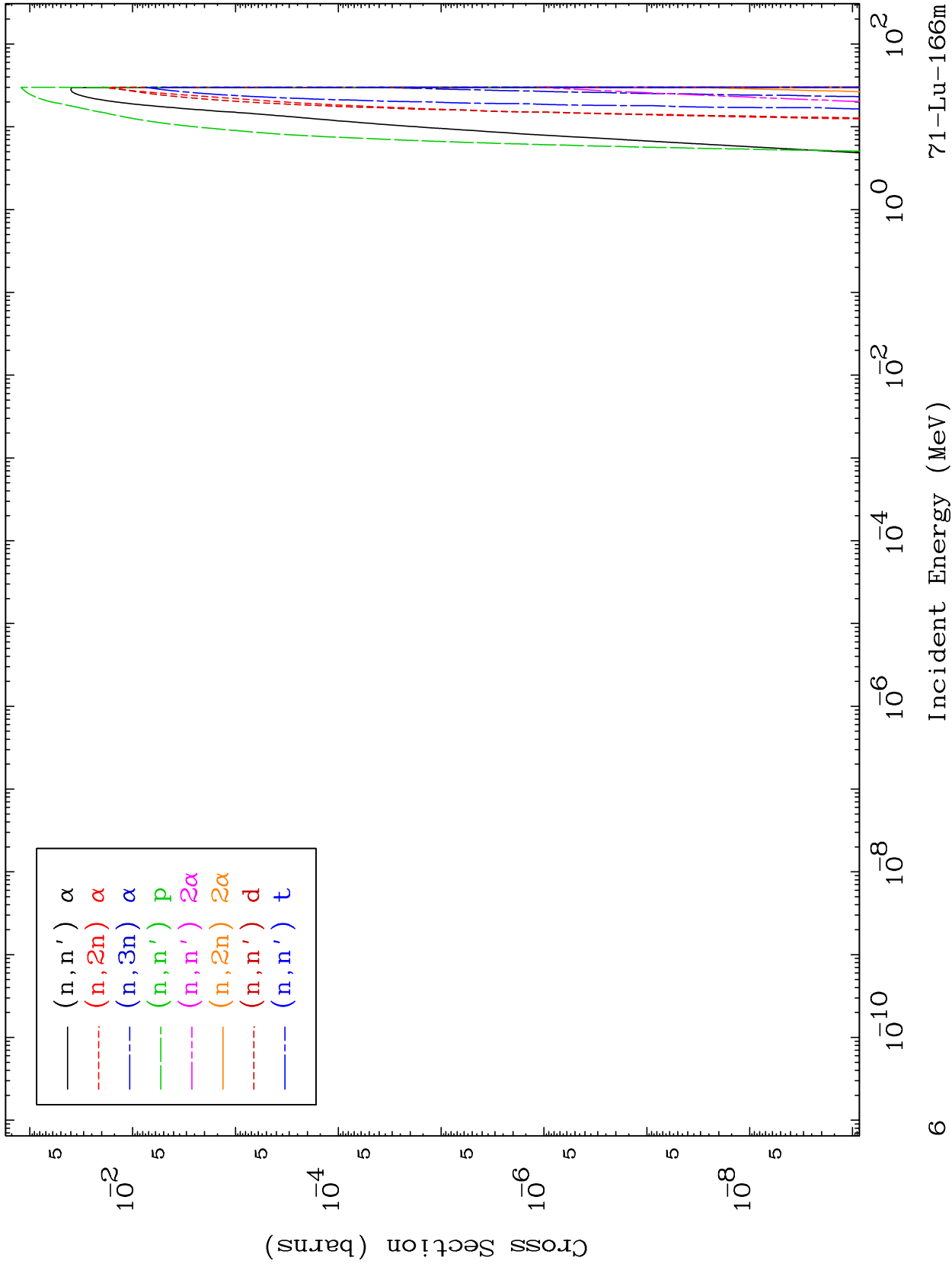


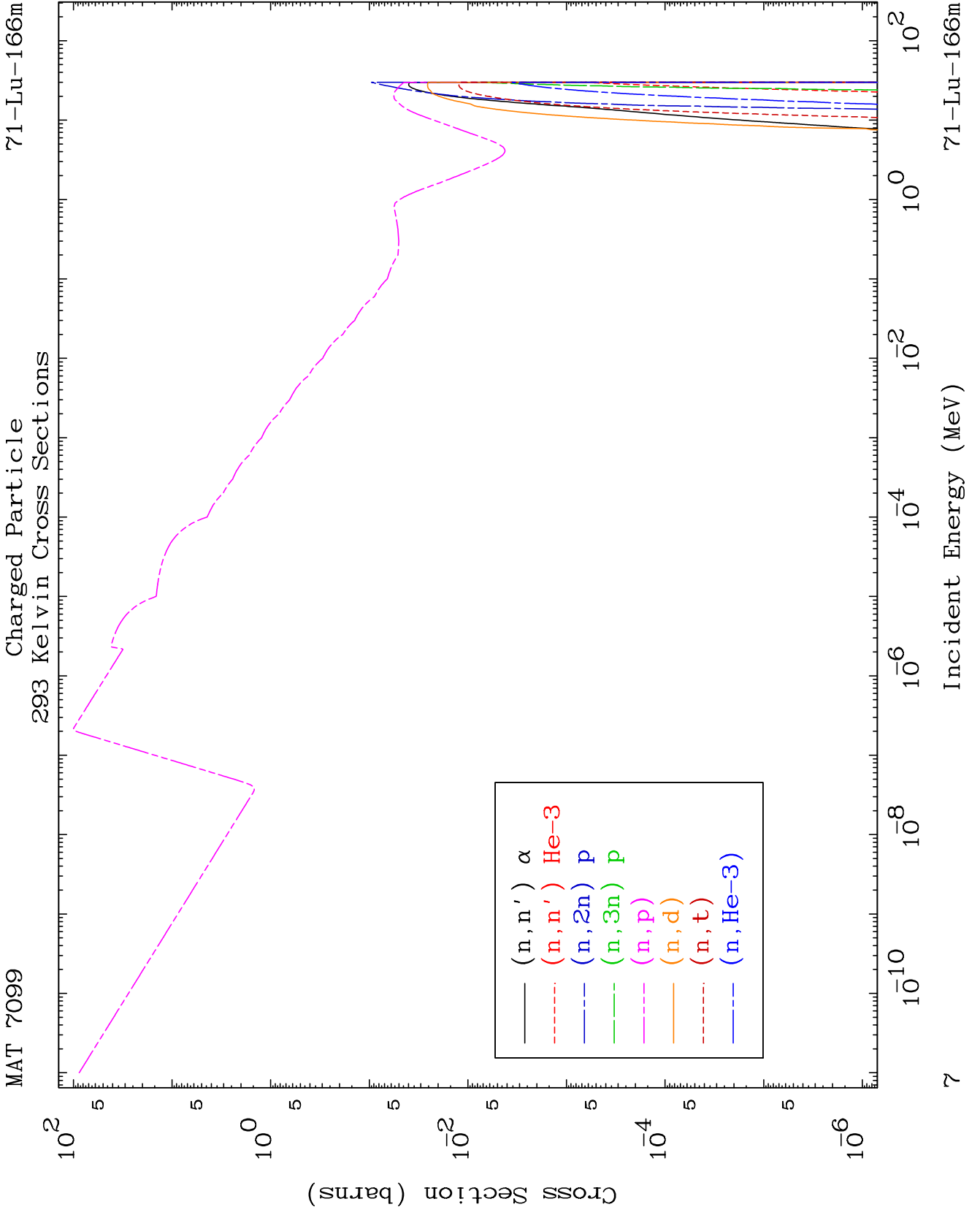


MAT 7099

Charged Particle  
293 Kelvin Cross Sections

<sup>71</sup>Lu-166m

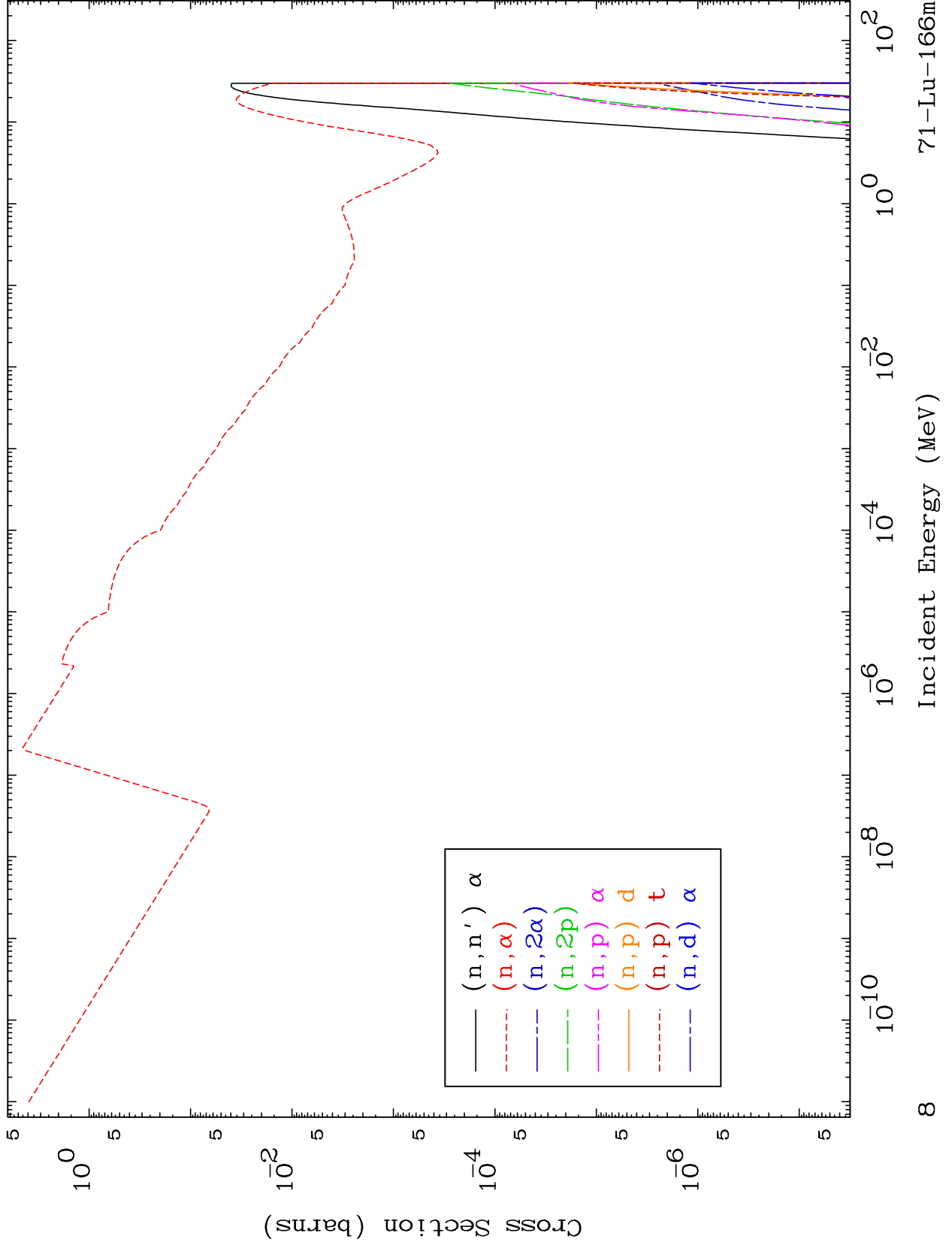




MAT 7099

Charged Particle  
293 Kelvin Cross Sections

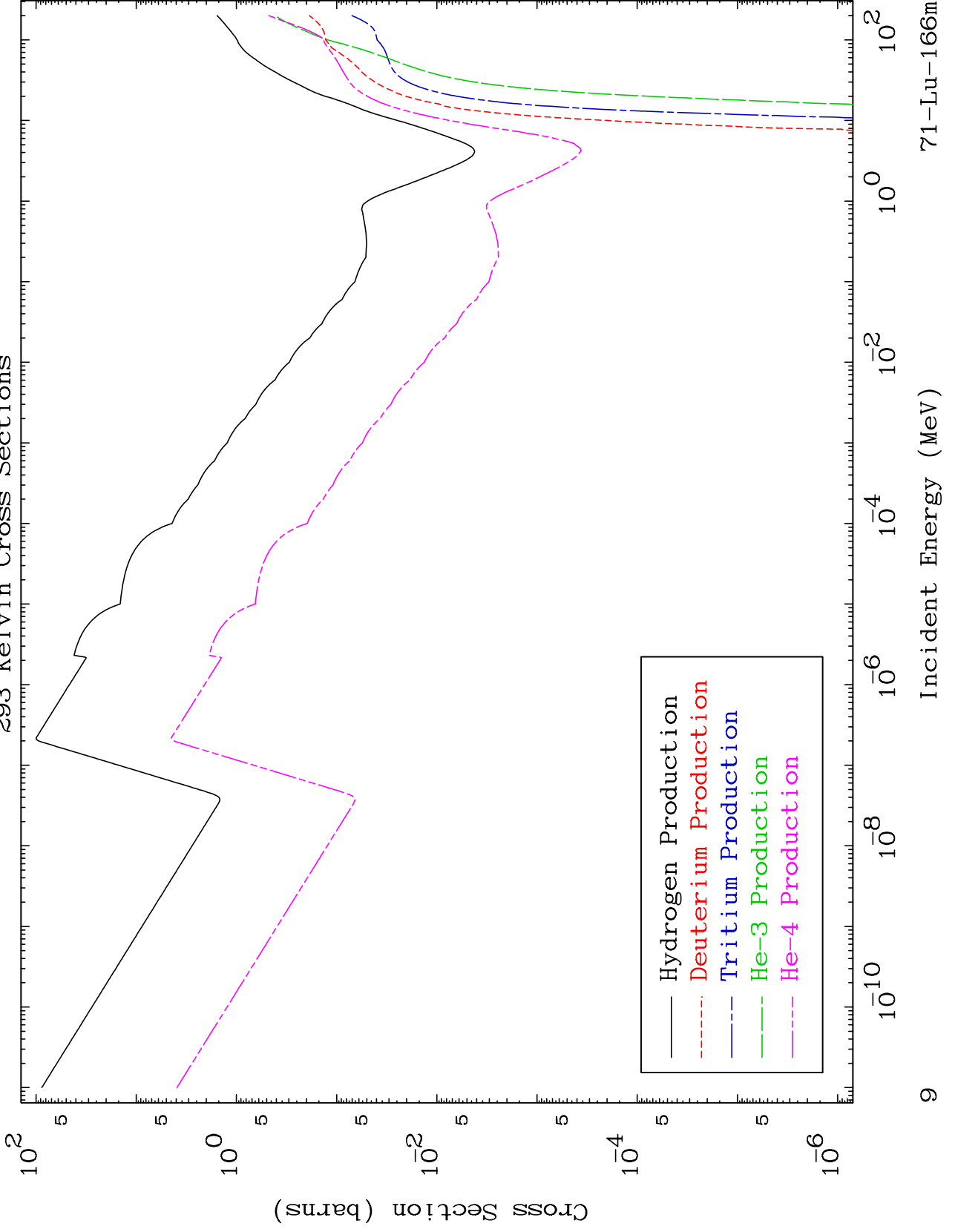
71-Lu-166m



MAT 7099

Particle Production  
293 Kelvin Cross Sections

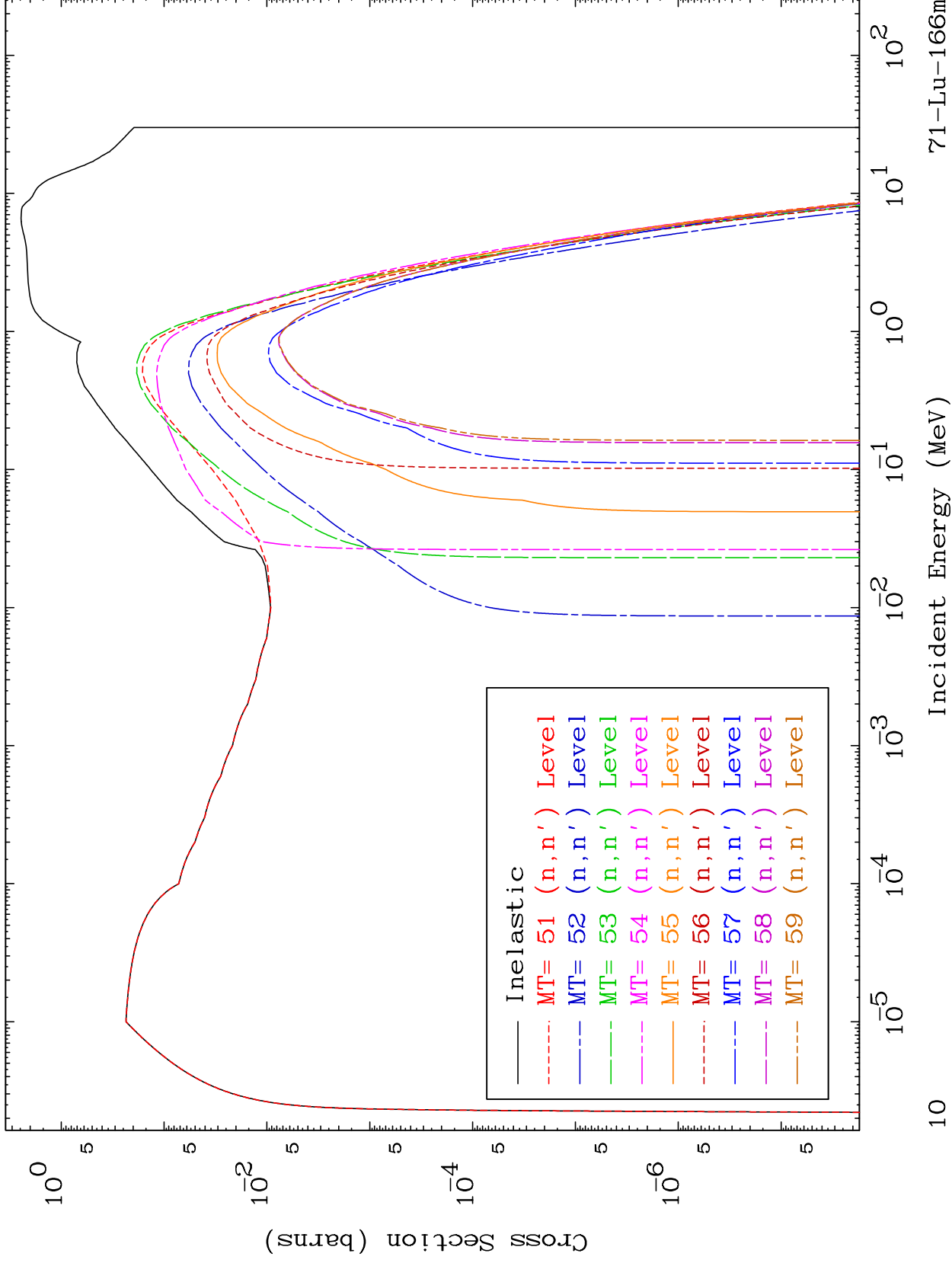
<sup>71</sup>Lu-166m



MAT 7099

(n,n') Levels  
293 Kelvin Cross Sections

71-Lu-166m

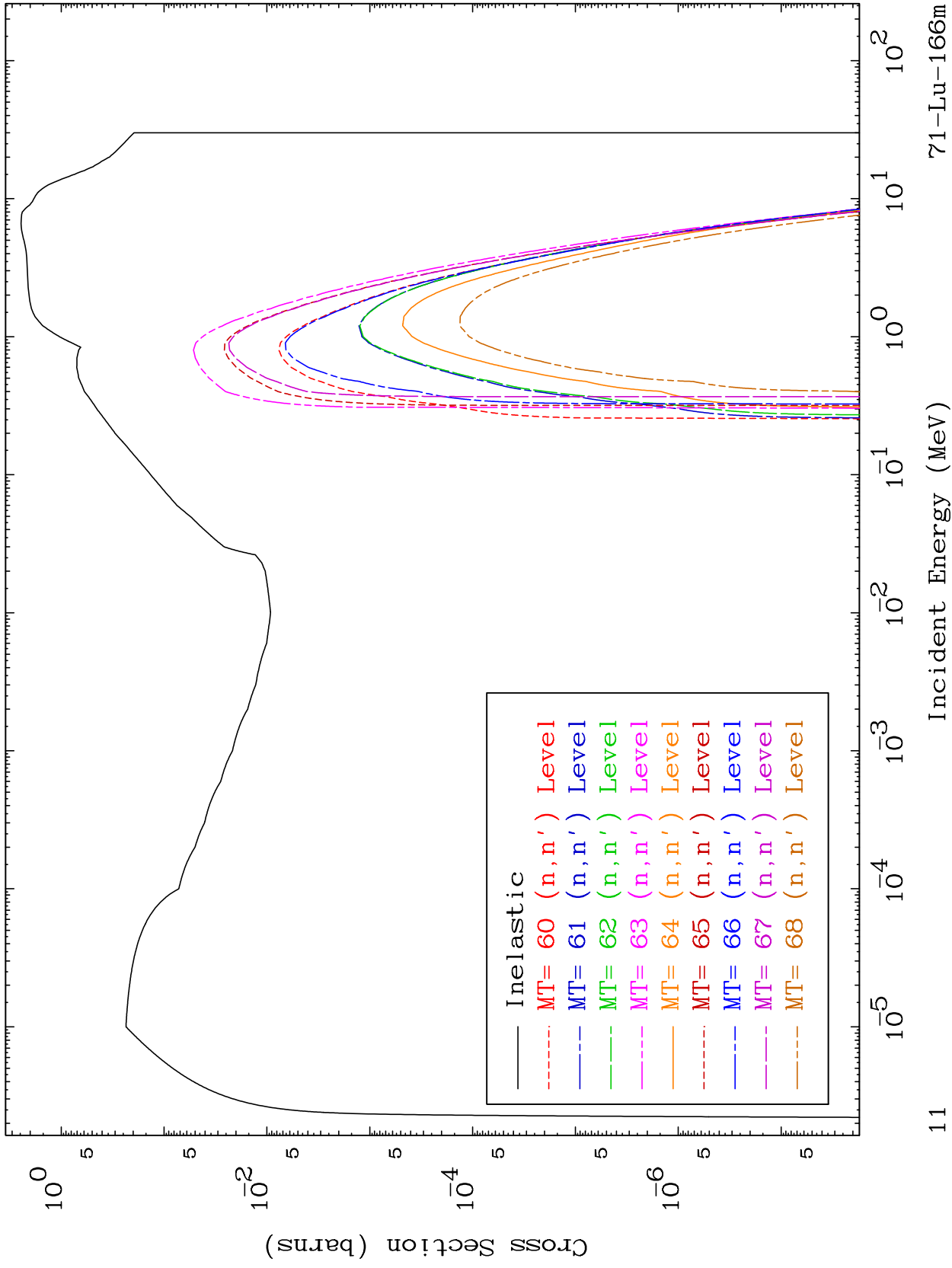


10

MAT 7099

(n,n') Levels  
293 Kelvin Cross Sections

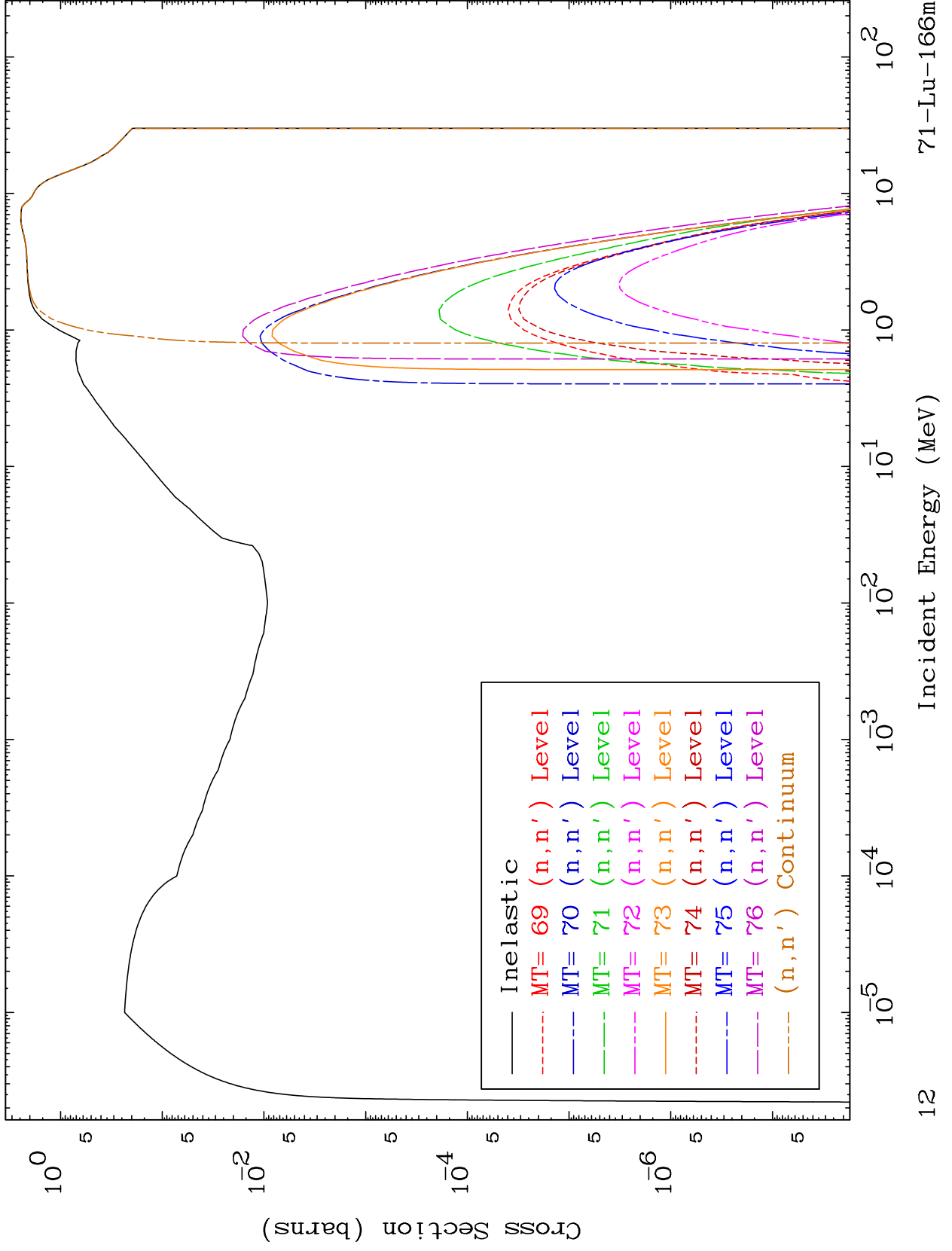
71-Lu-166m

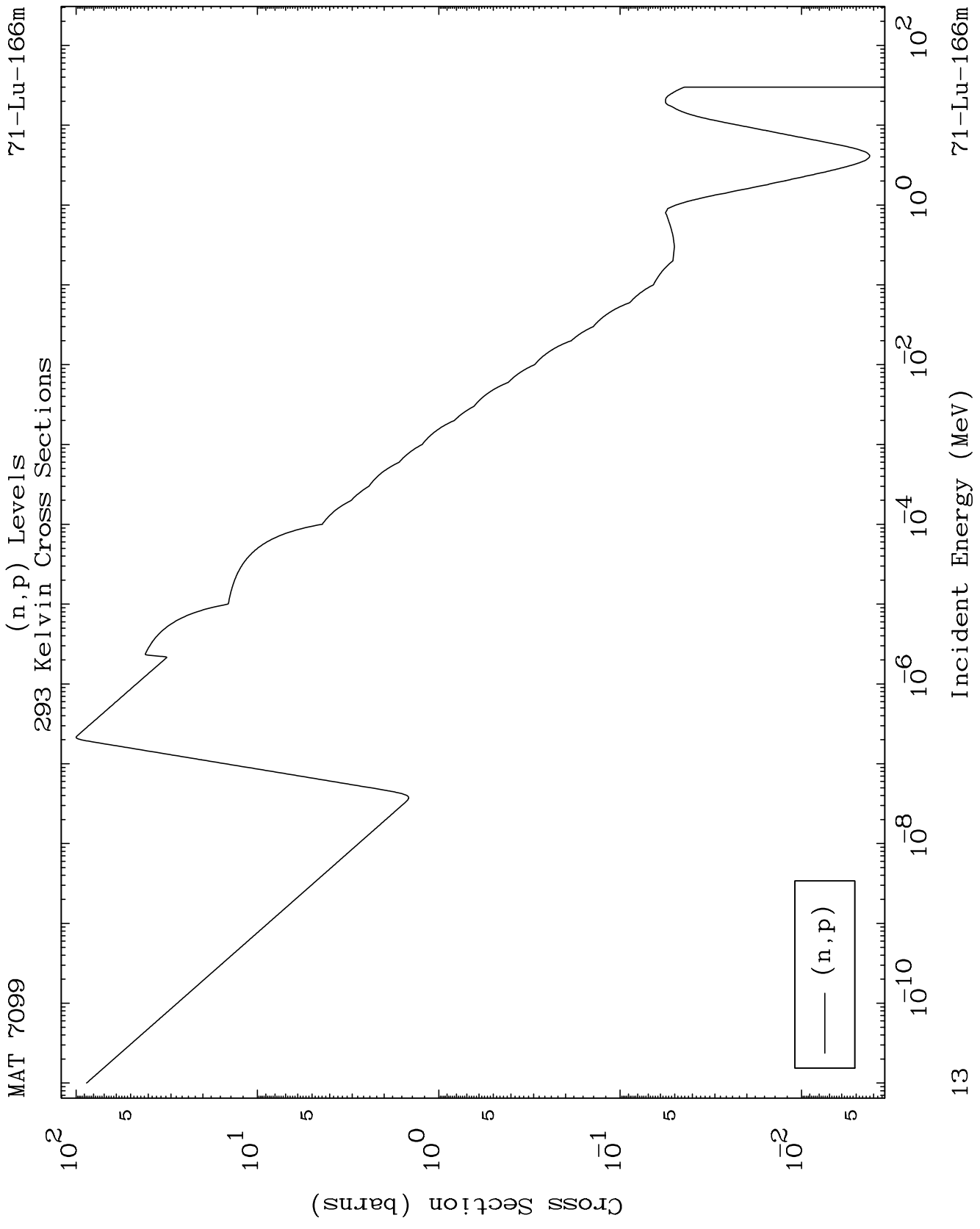


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(n,n') Levels  
293 Kelvin Cross Sections

71-Lu-166m

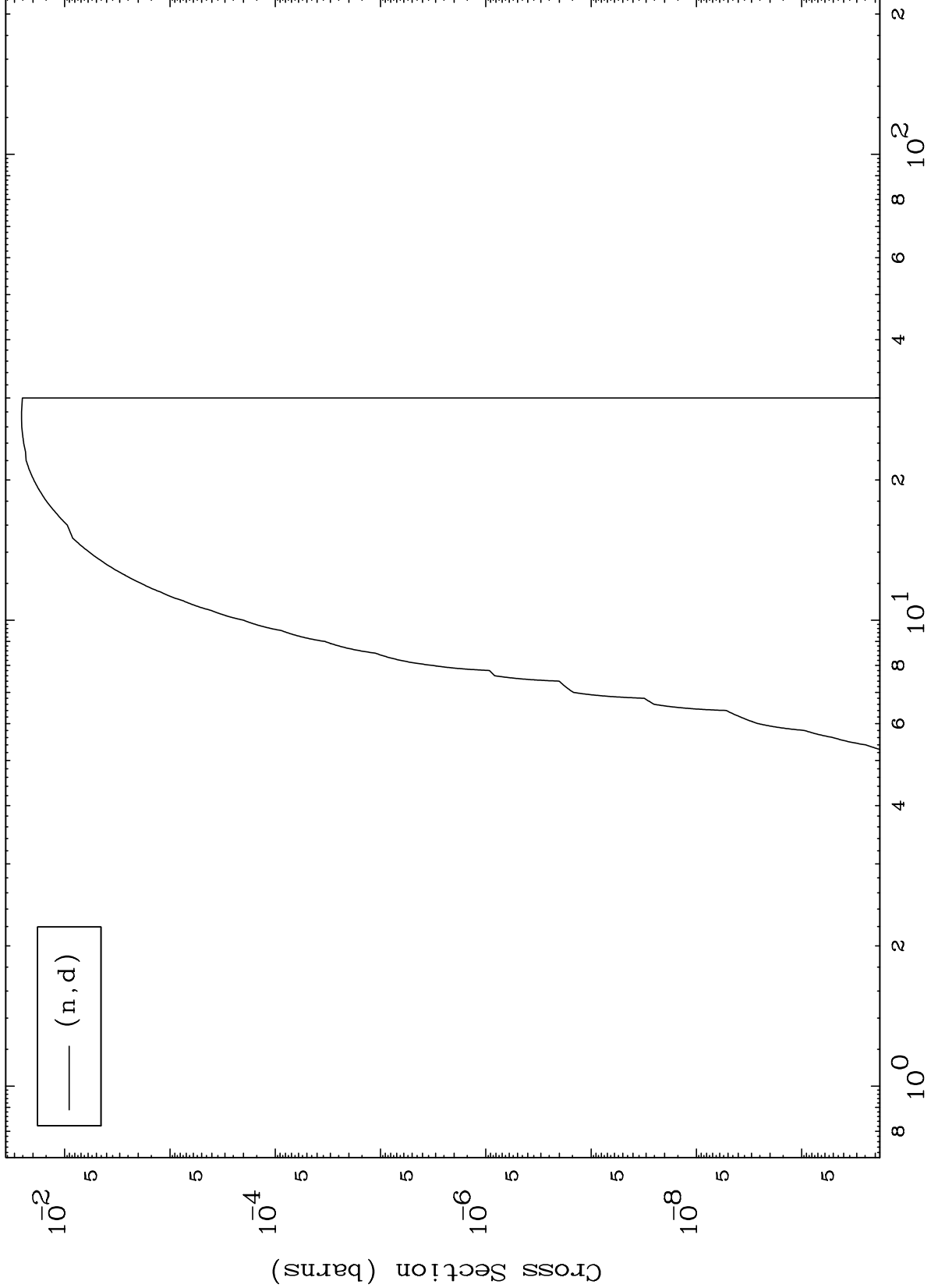




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(n,d) Levels  
293 Kelvin Cross Sections

71-Lu-166m



14

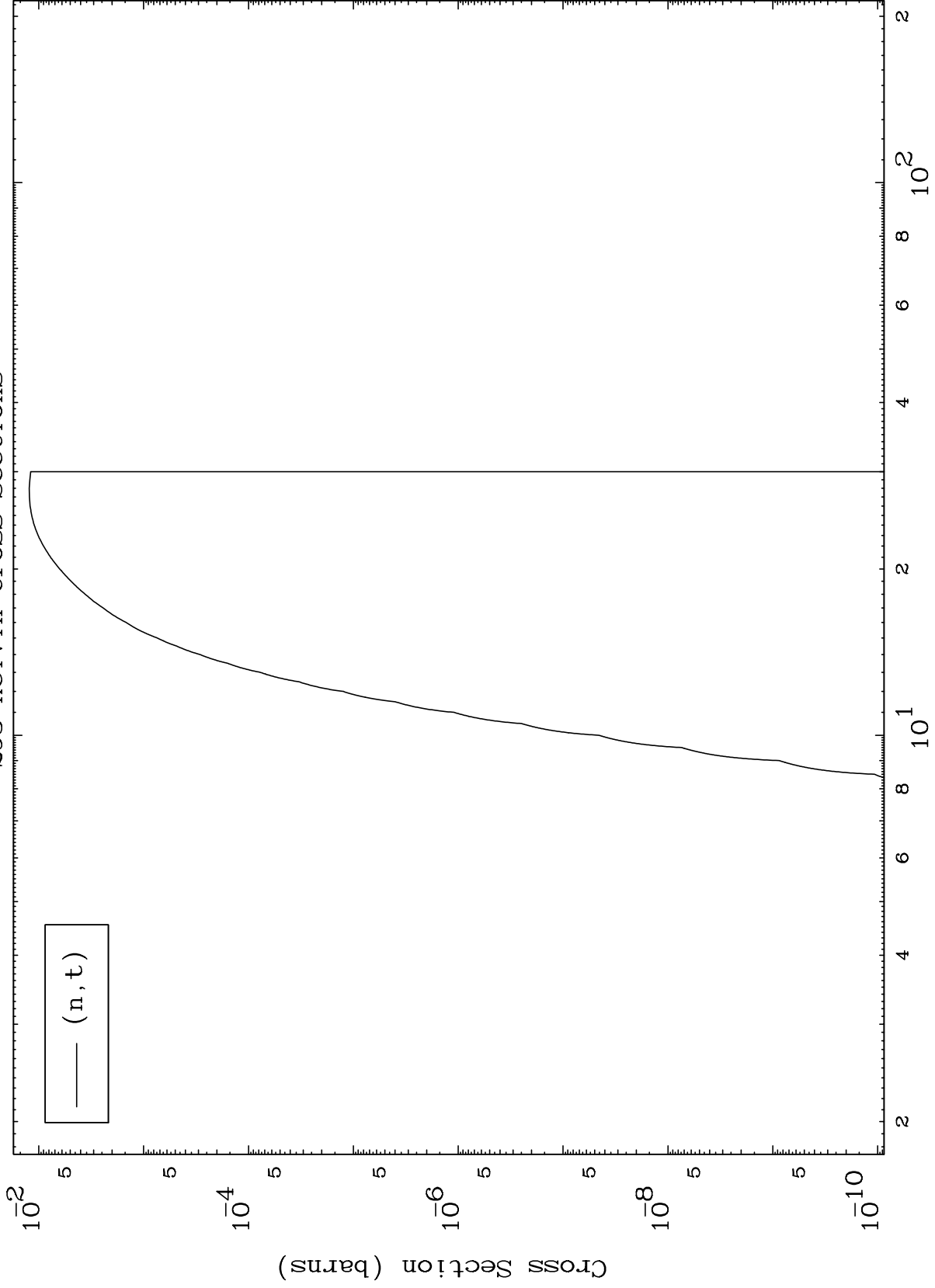
Incident Energy (MeV)

71-Lu-166m

MAT 7099

(n,t) Levels  
293 Kelvin Cross Sections

71-Lu-166m



15

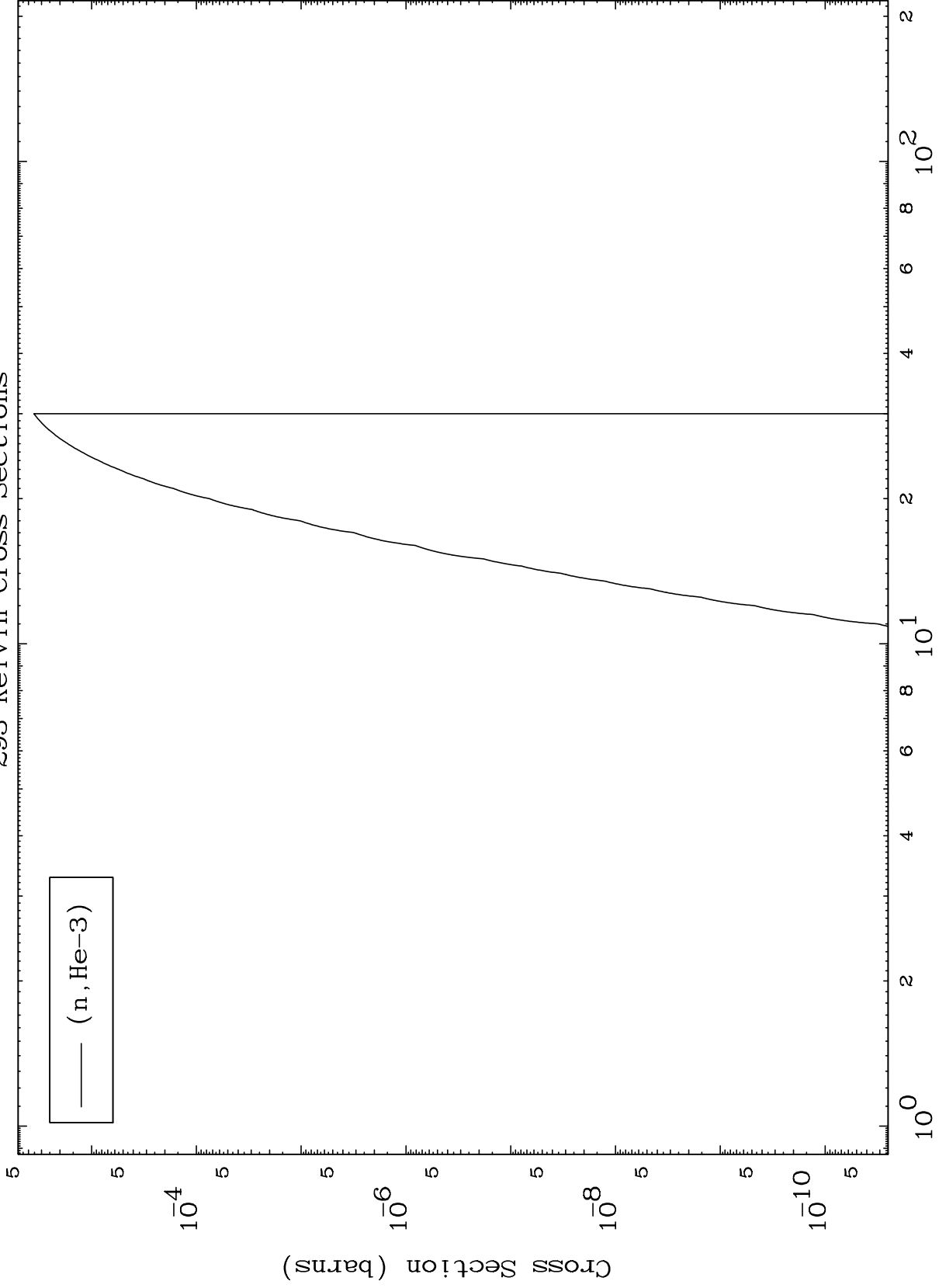
Incident Energy (MeV)

71-Lu-166m

MAT 7099

(n,He3) Levels  
293 Kelvin Cross Sections

71-Lu-166m



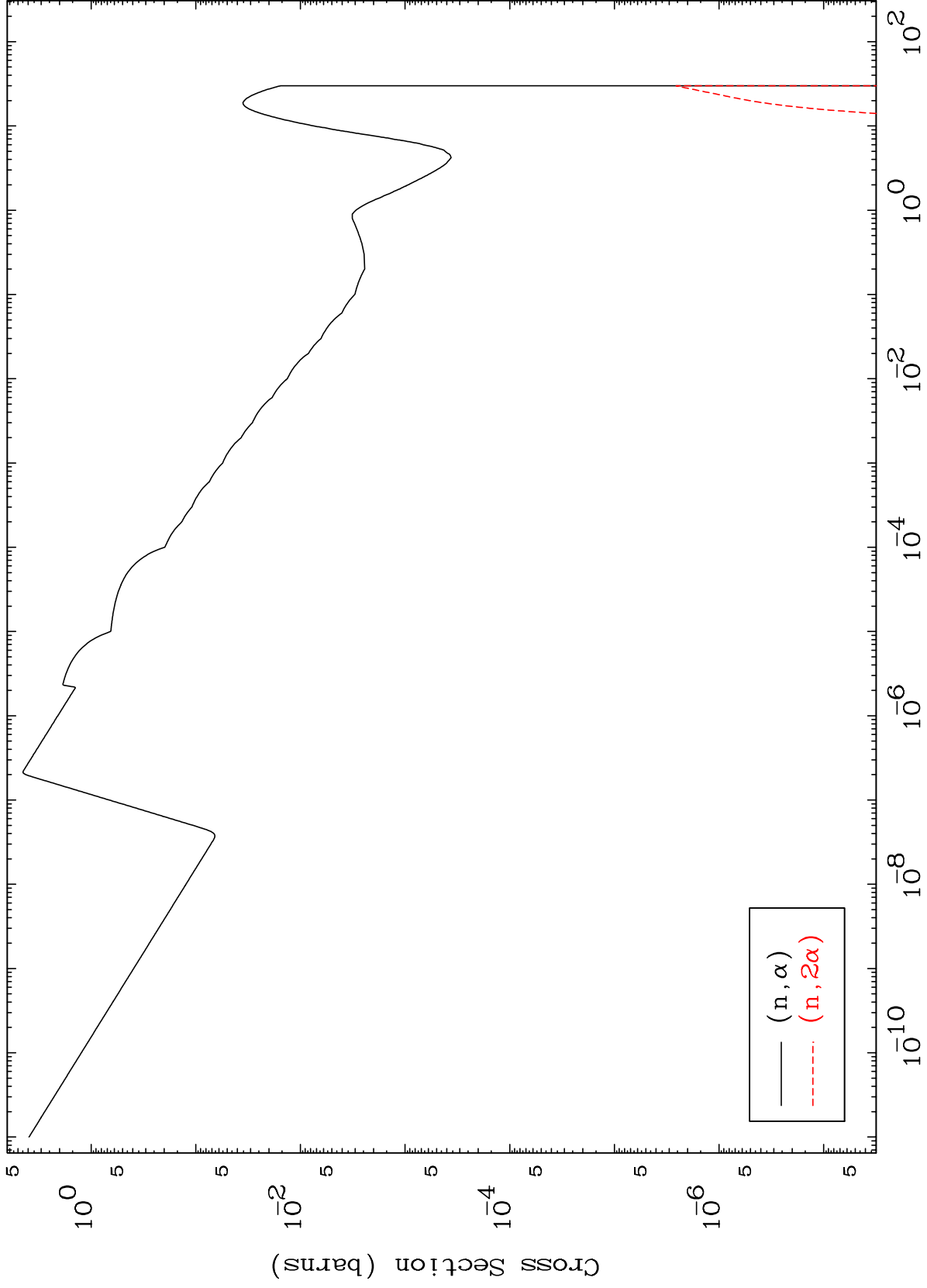
Incident Energy (MeV)

71-Lu-166m

MAT 7099

(n,α) Levels  
293 Kelvin Cross Sections

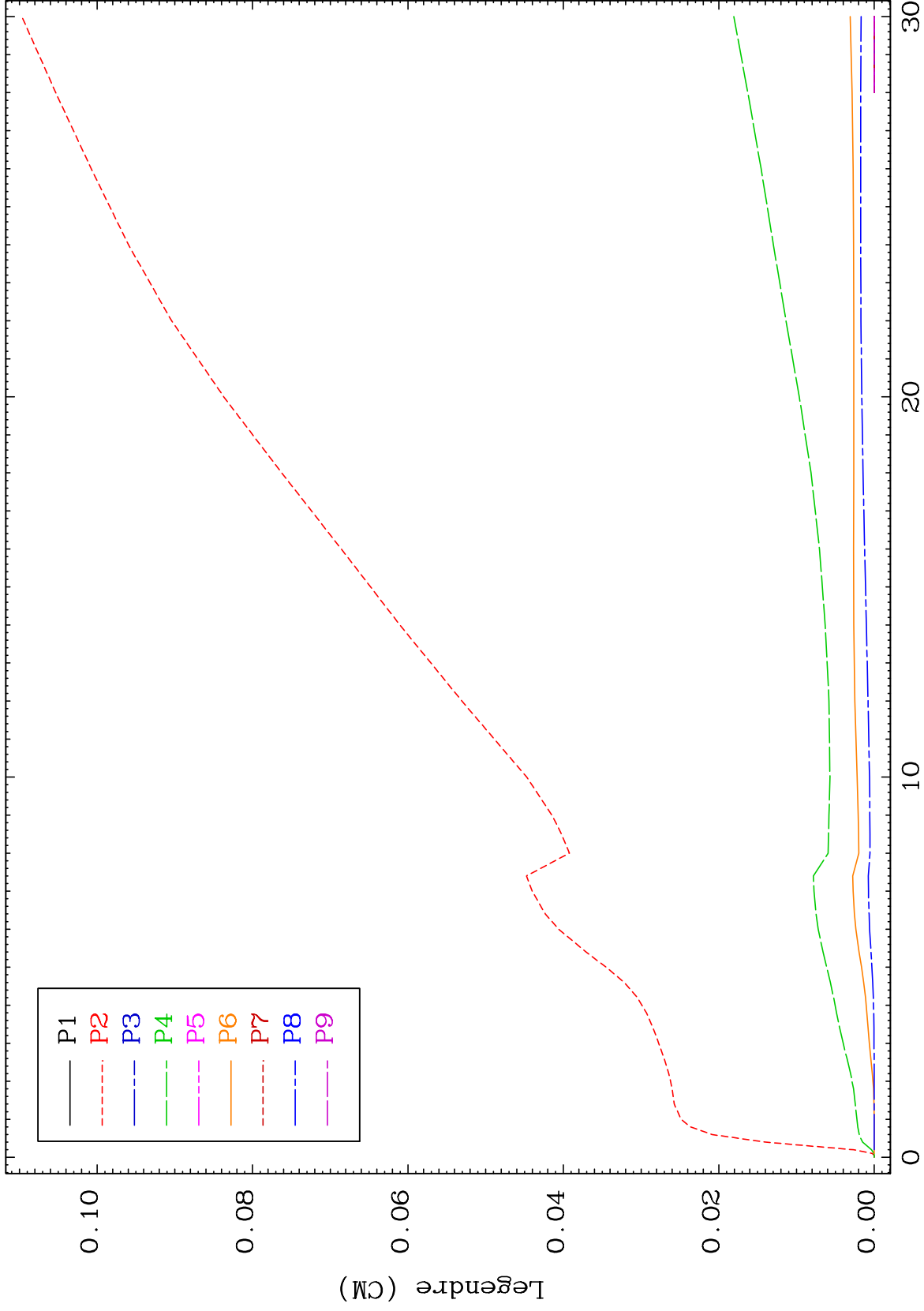
71-Lu-166m



MAT 7099

Elastic Legendre Coefficients

<sup>71</sup>Lu-166m



<sup>71</sup>Lu-166m

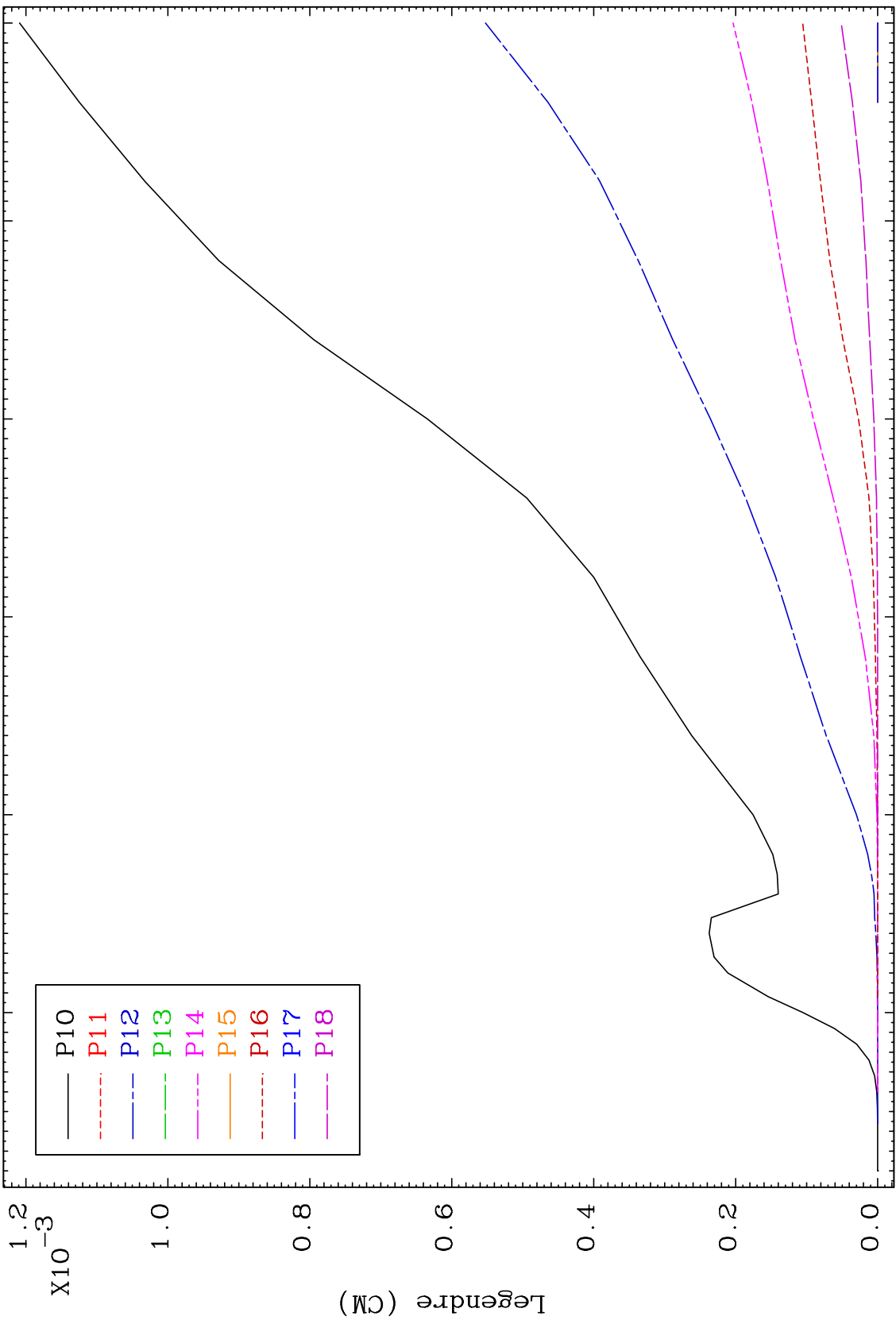
Incident Energy (MeV)

18

MAT 7099

Elastic Legendre Coefficients

<sup>71</sup>Lu-166m



19

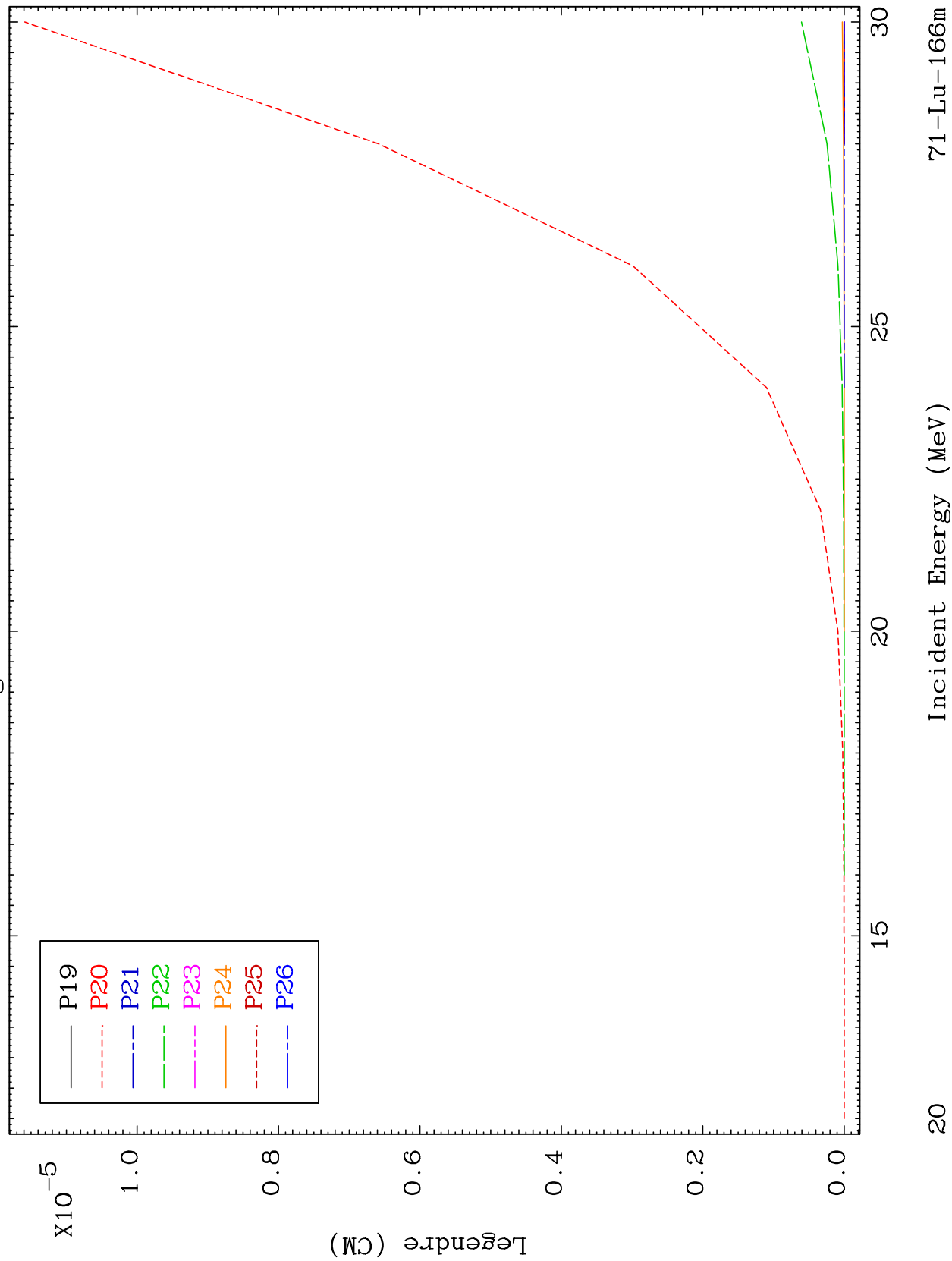
<sup>71</sup>Lu-166m

Incident Energy (MeV)

MAT 7099

Elastic  
Legendre Coefficients

<sup>71</sup>Lu-166m



20

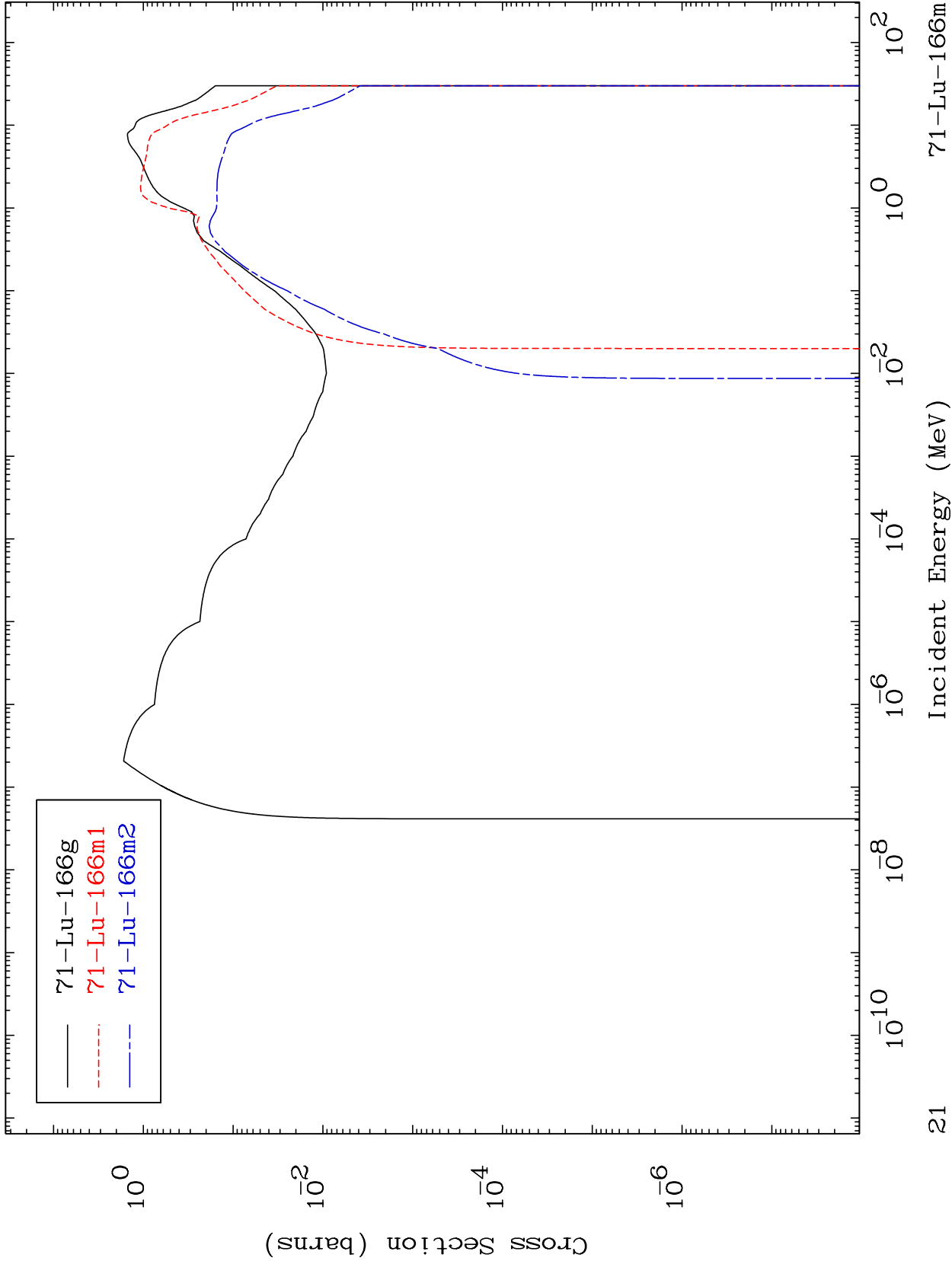
Incident Energy (MeV)

<sup>71</sup>Lu-166m

MAT 7099

Radionuclide Production Cross Section

<sup>71</sup>Lu-166m

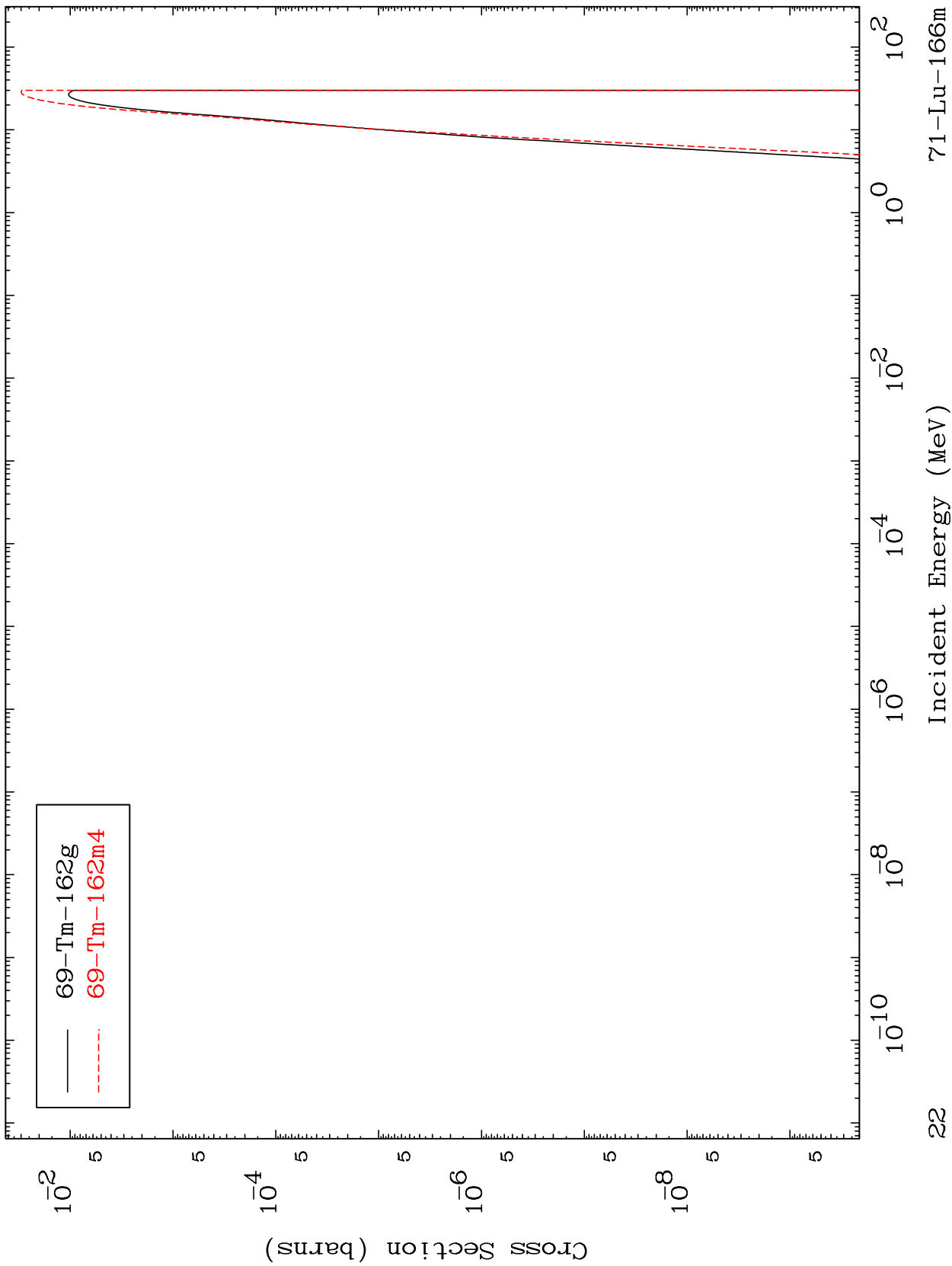


MAT 7099

$(n, n') \alpha$

$^{71}\text{Lu}-166\text{m}$

Radionuclide Production Cross Section



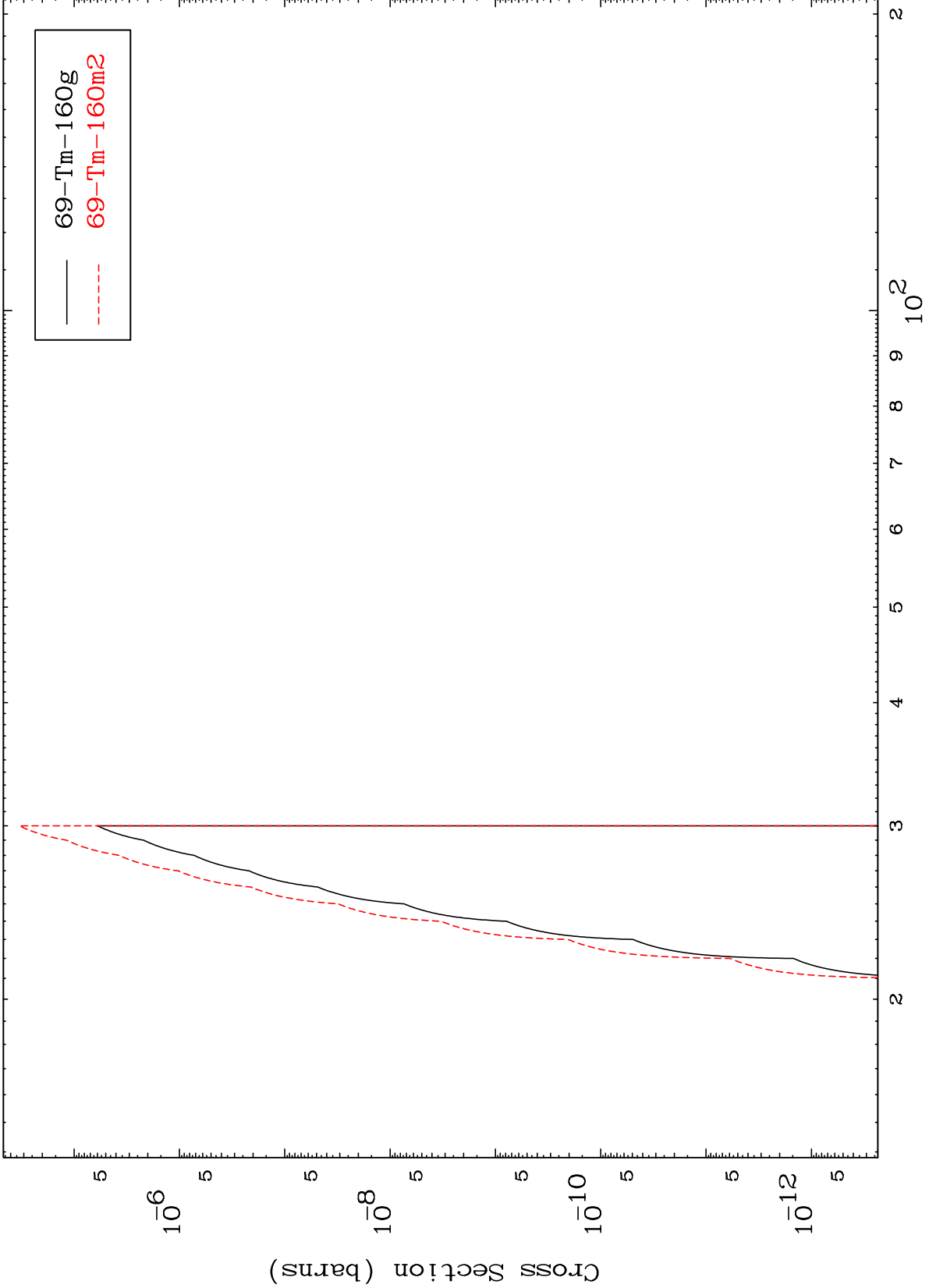
69-Tm-162g  
69-Tm-162m4

MAT 7099

$(n,3n) \alpha$

$^{71}\text{Lu-166m}$

Radionuclide Production Cross Section



23

Incident Energy (MeV)

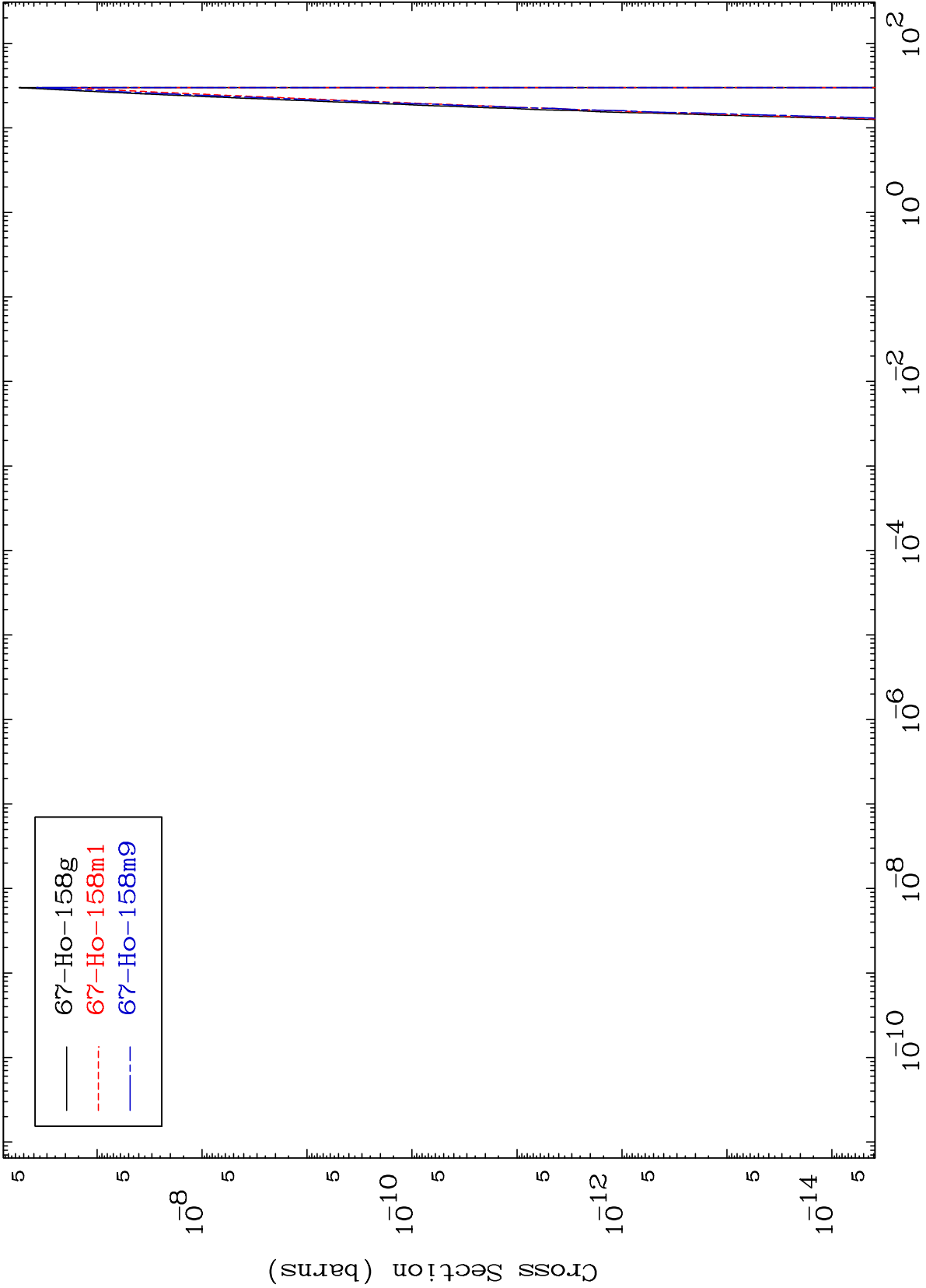
$^{71}\text{Lu-166m}$

MAT 7099

(n,n') 2α

71-Lu-166m

Radionuclide Production Cross Section

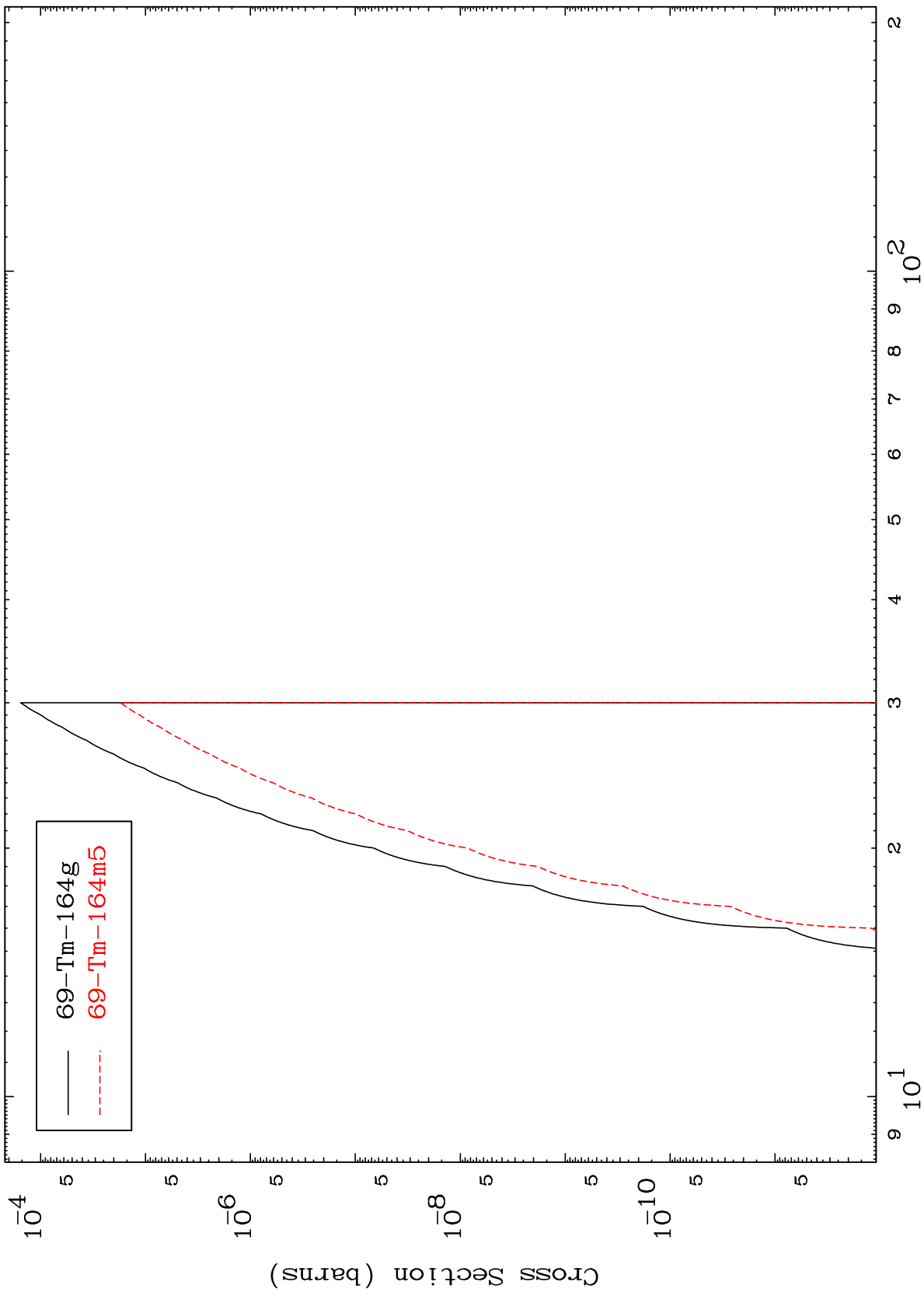


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(n,2n) p

71-Lu-166m

Radionuclide Production Cross Section



25

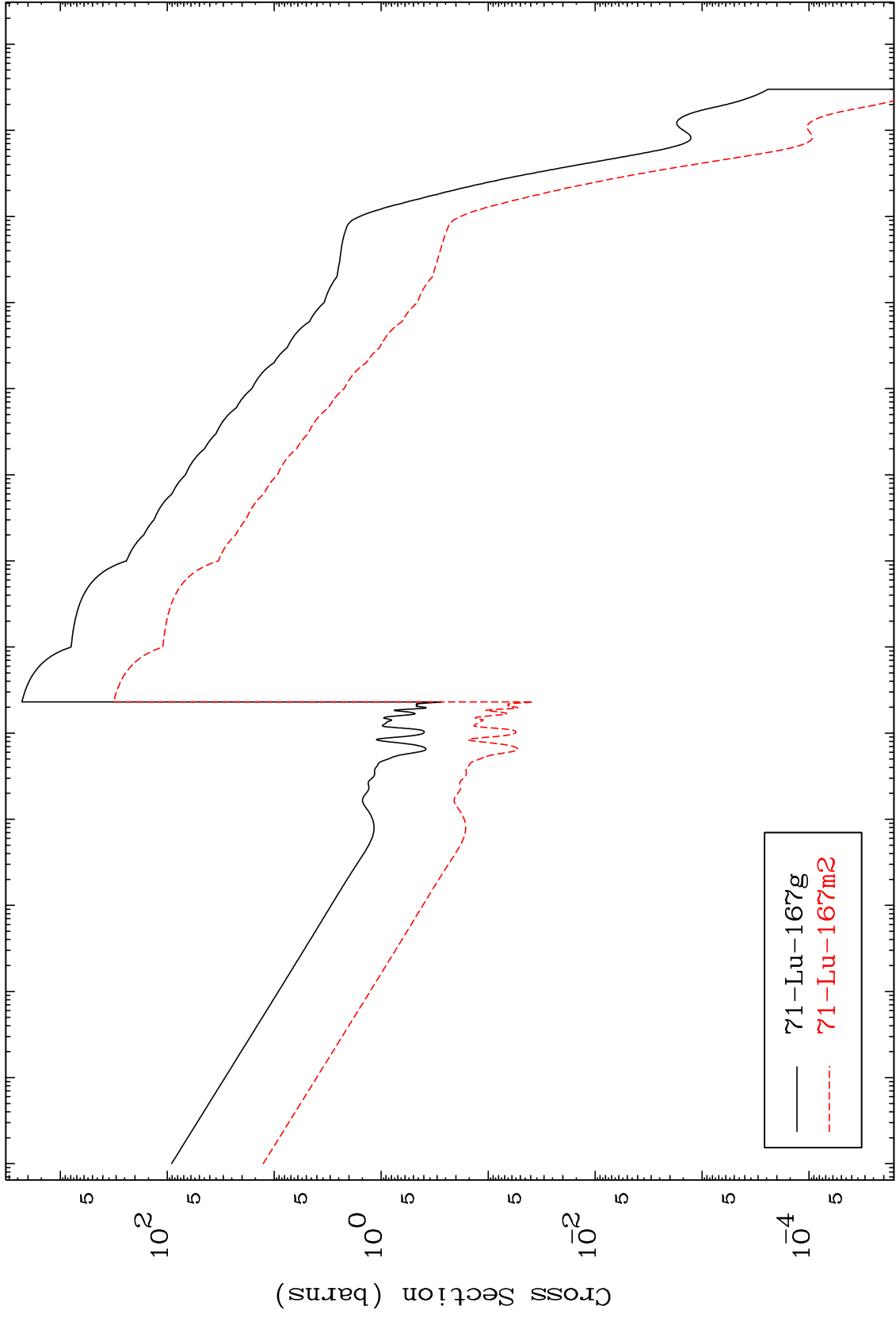
Incident Energy (MeV)

71-Lu-166m

MAT 7099

<sup>71</sup>Lu-166m

Radionuclide Production Cross Section

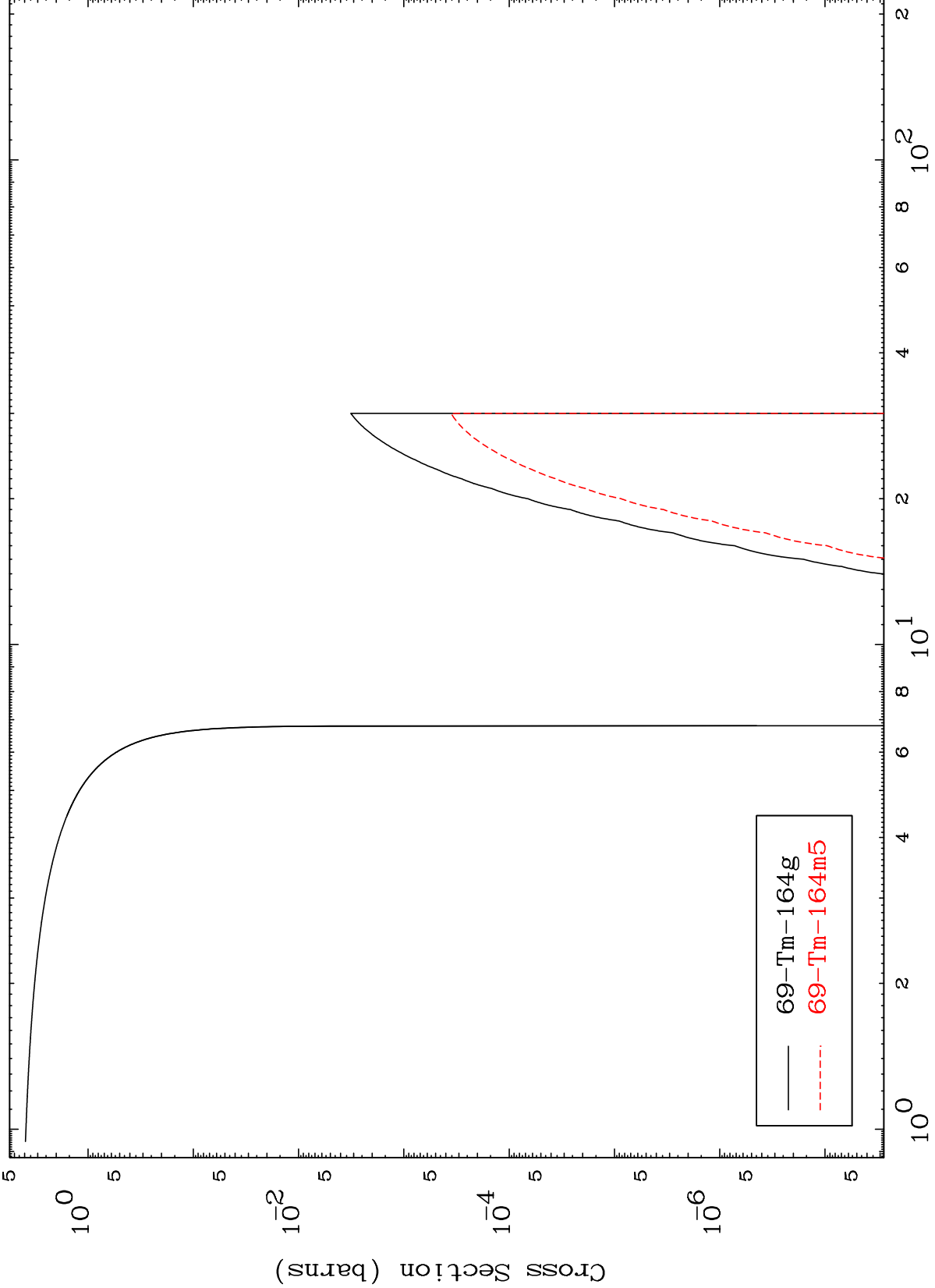


MAT 7099

(n,He-3)

71-Lu-166m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

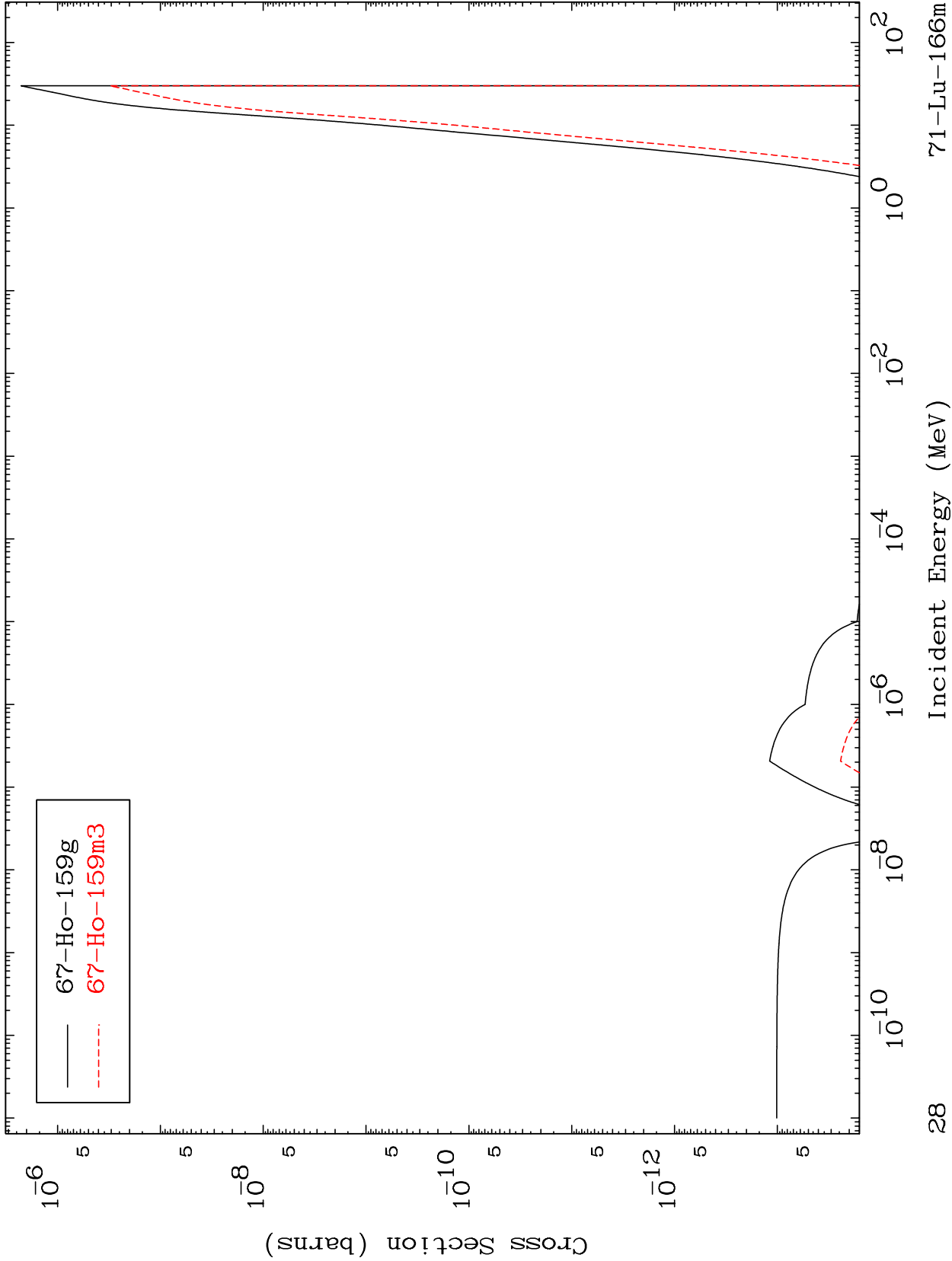
71-Lu-166m

MAT 7099

(n,2α)

<sup>71</sup>Lu-166m

Radionuclide Production Cross Section

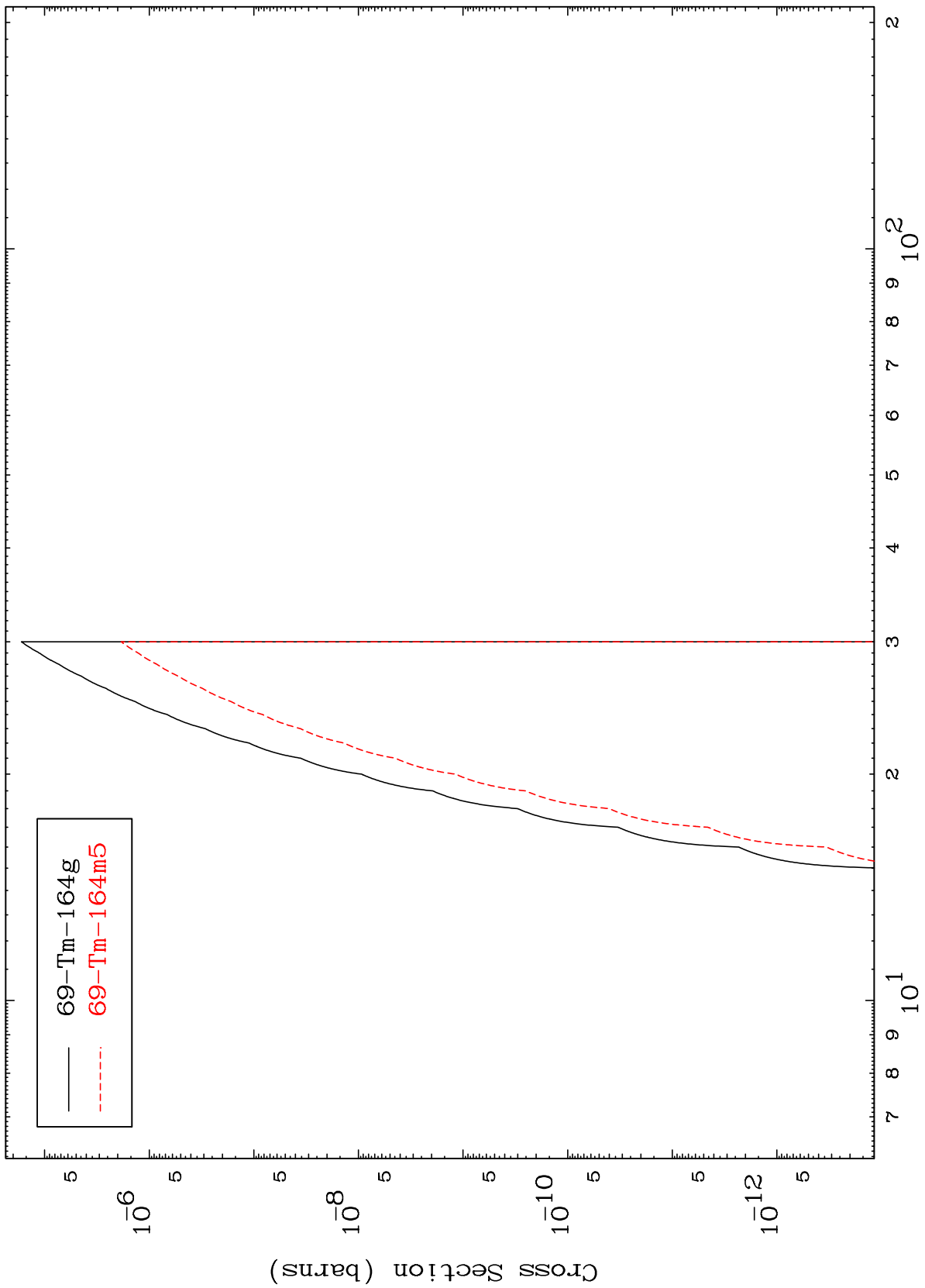


MAT 7099

(n,p) d

71-Lu-166m

Radionuclide Production Cross Section



29

Incident Energy (MeV)

71-Lu-166m