

Program EVALPLOT  
(Version 2017-1)

by

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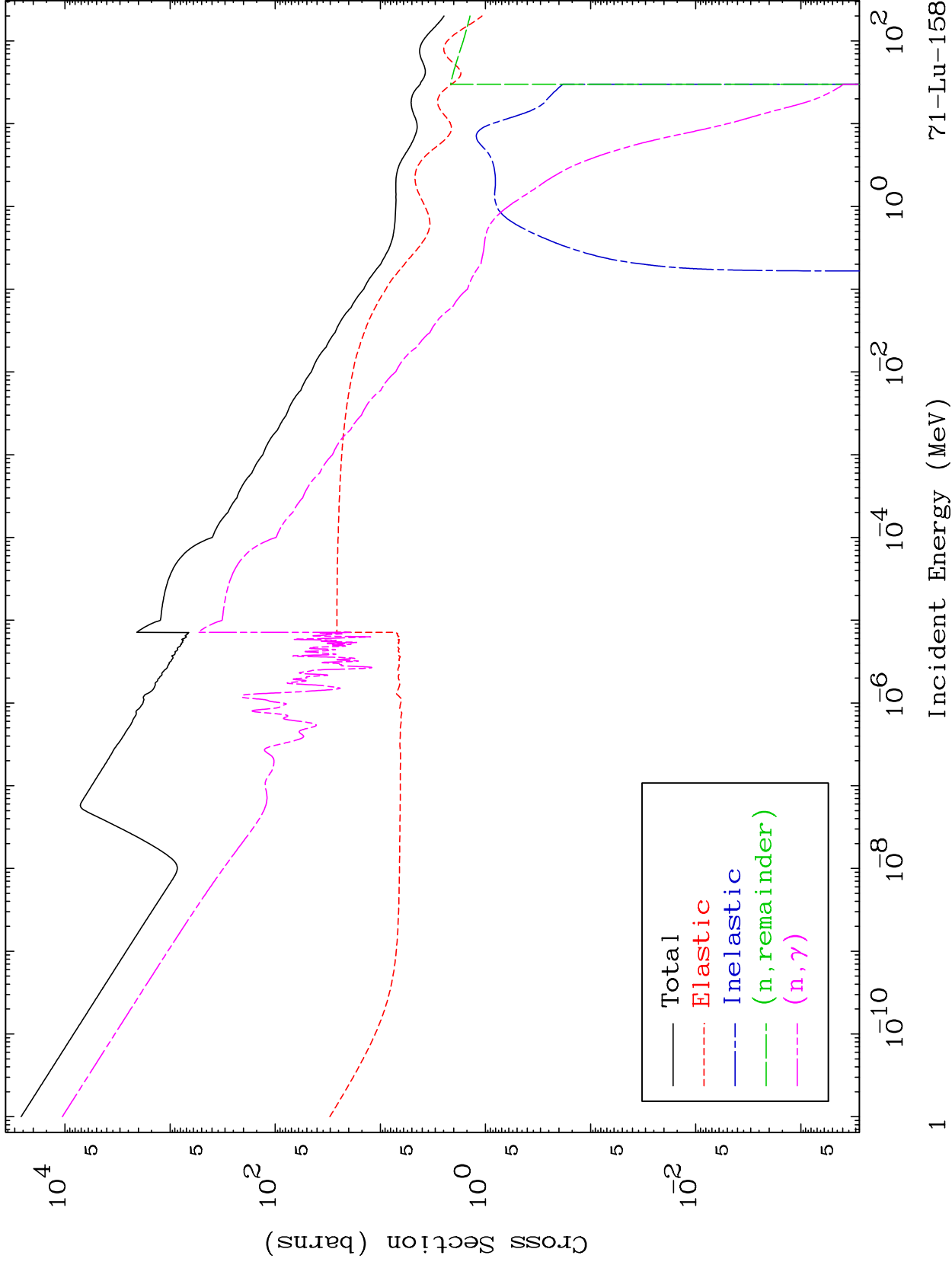
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7074

Major  
293 Kelvin Cross Sections

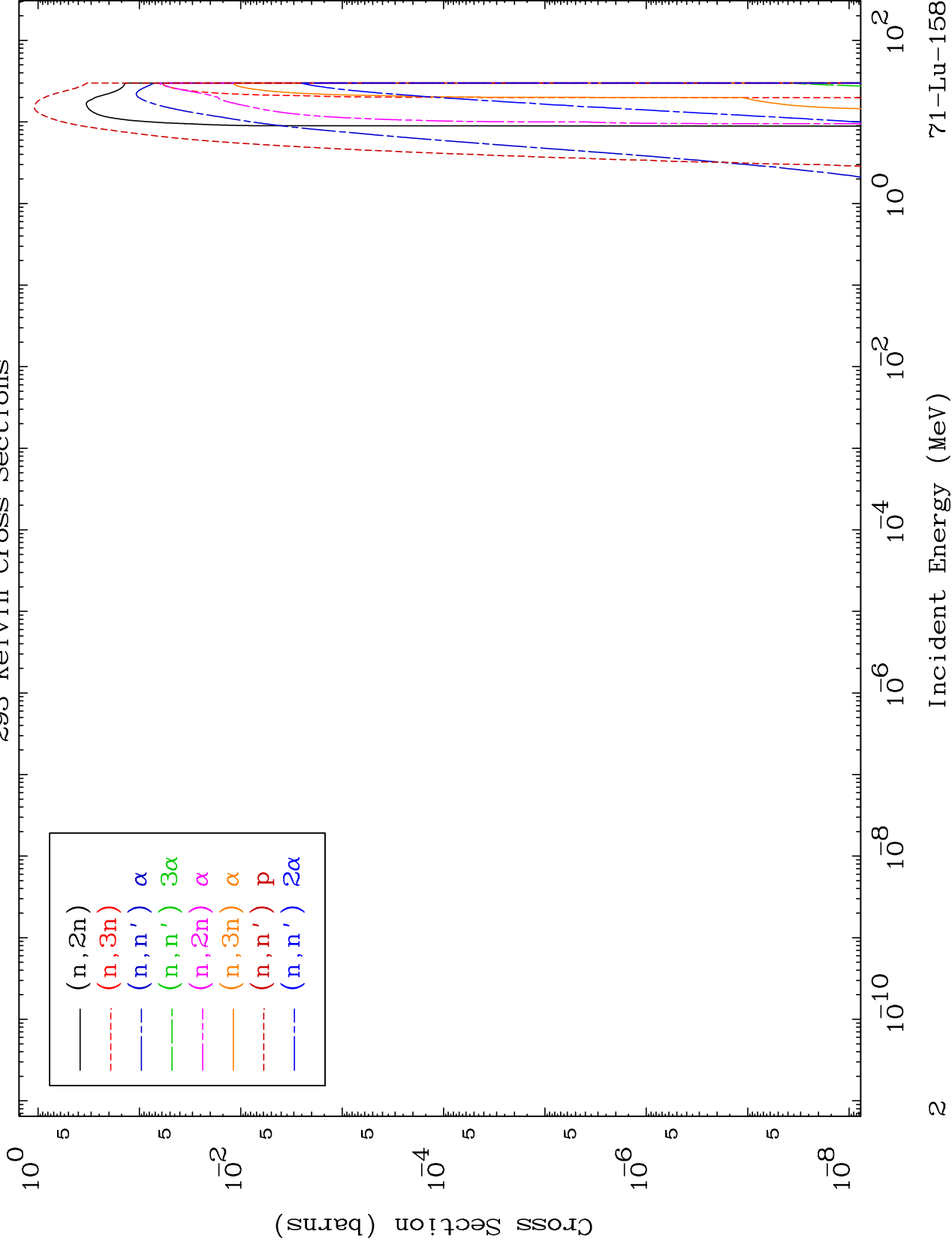
71-Lu-158

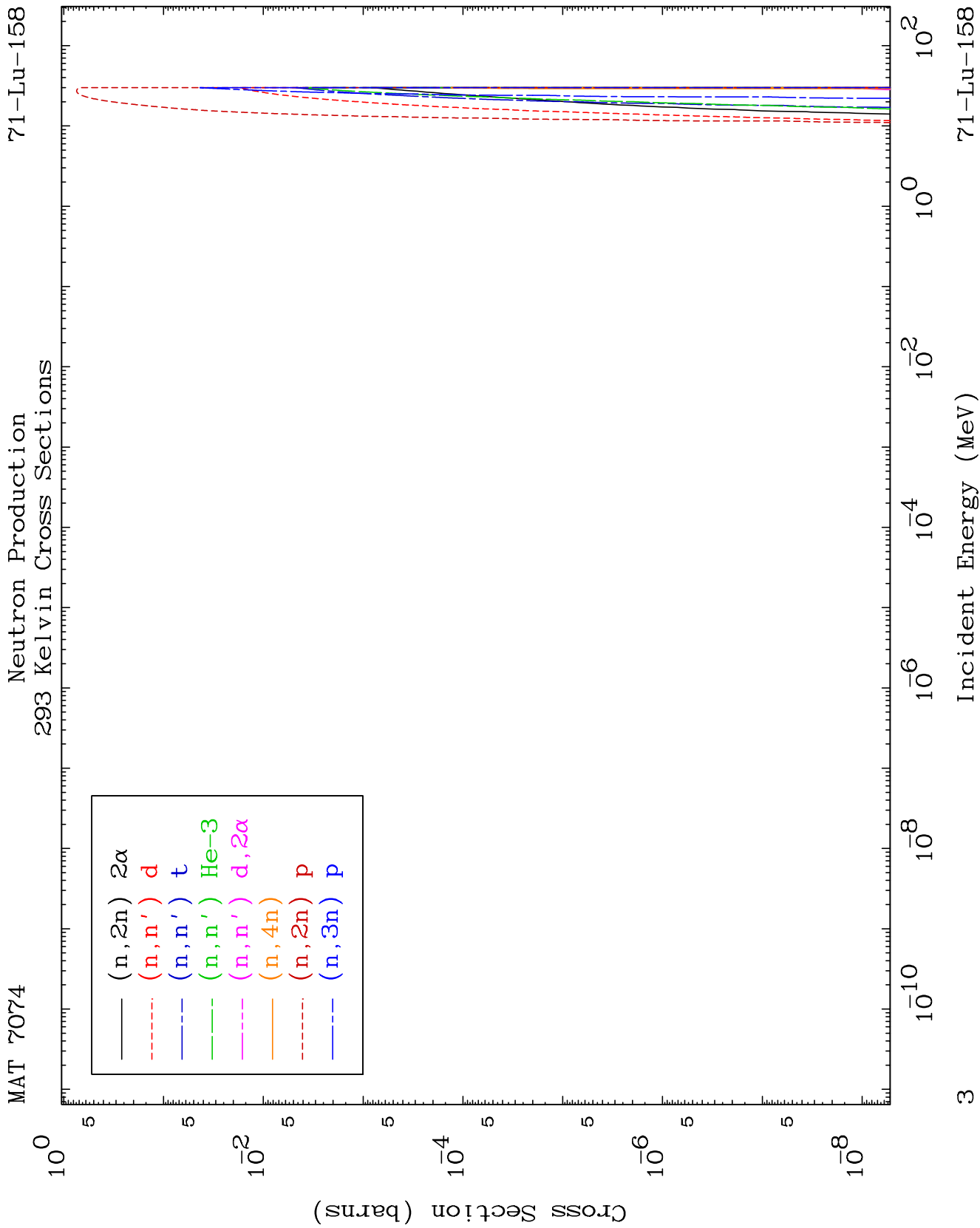


MAT 7074

Neutron Production  
293 Kelvin Cross Sections

71-Lu-158



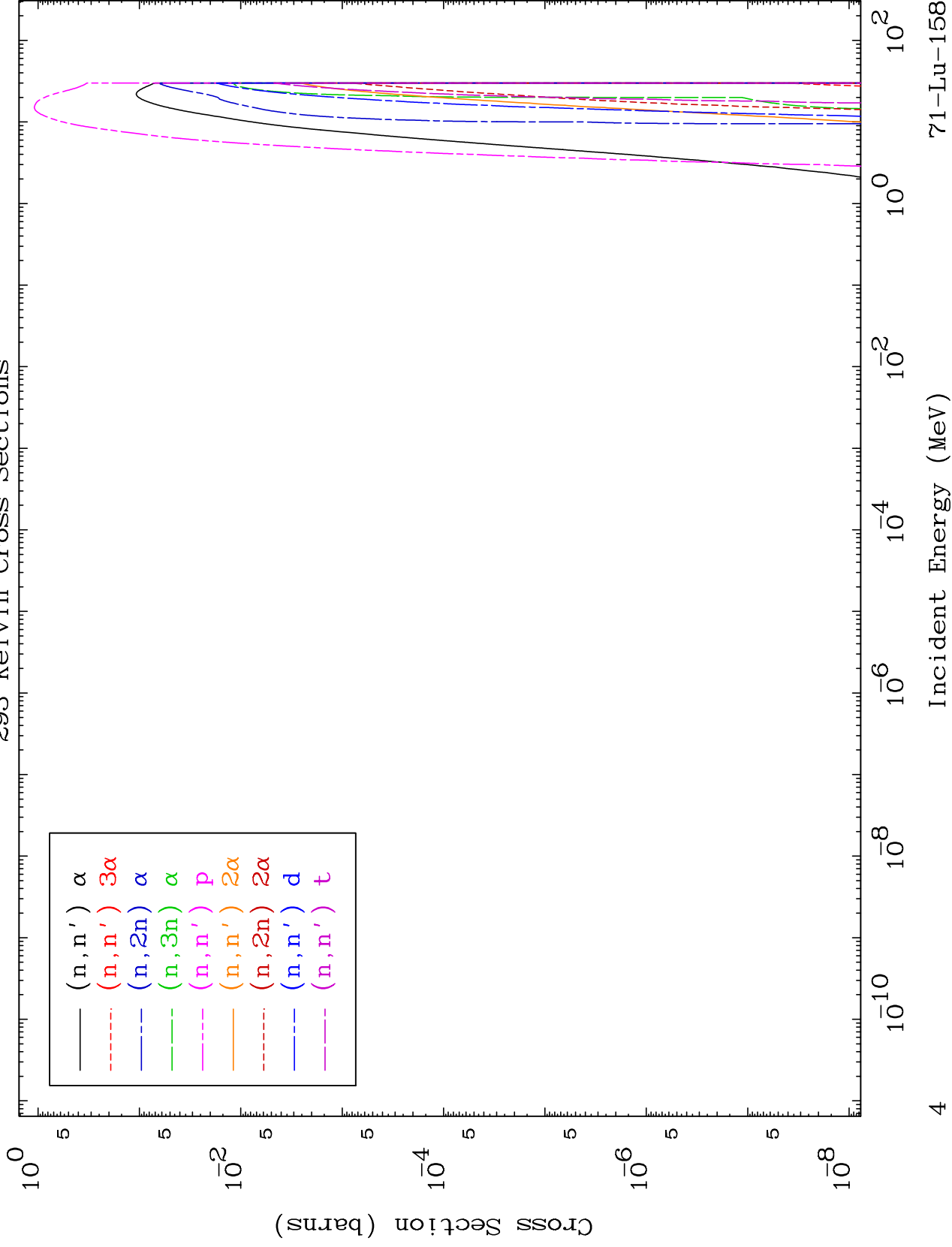


MAT 7074

MAT 7074

Charged Particle  
293 Kelvin Cross Sections

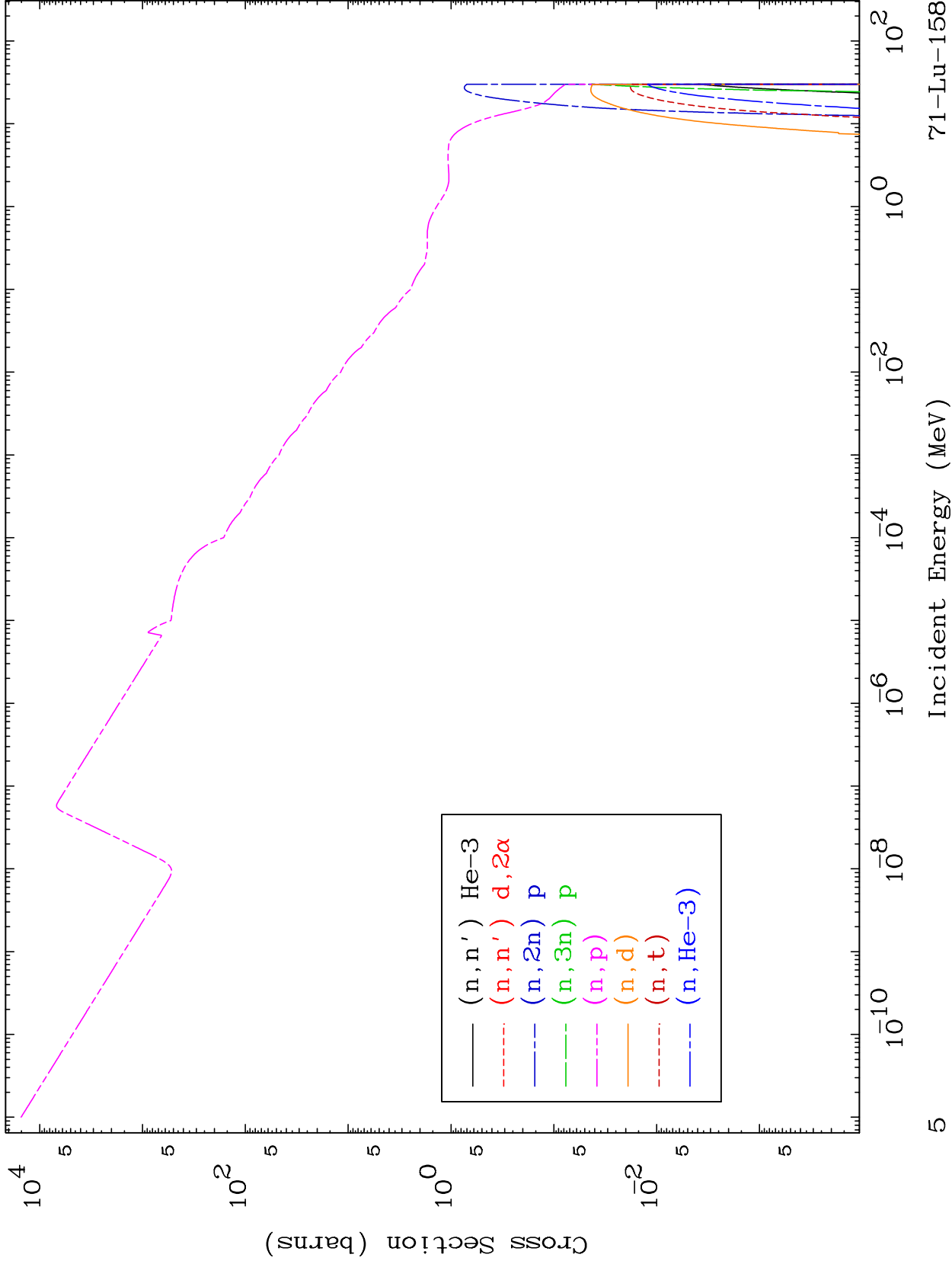
71-Lu-158



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Charged Particle  
293 Kelvin Cross Sections

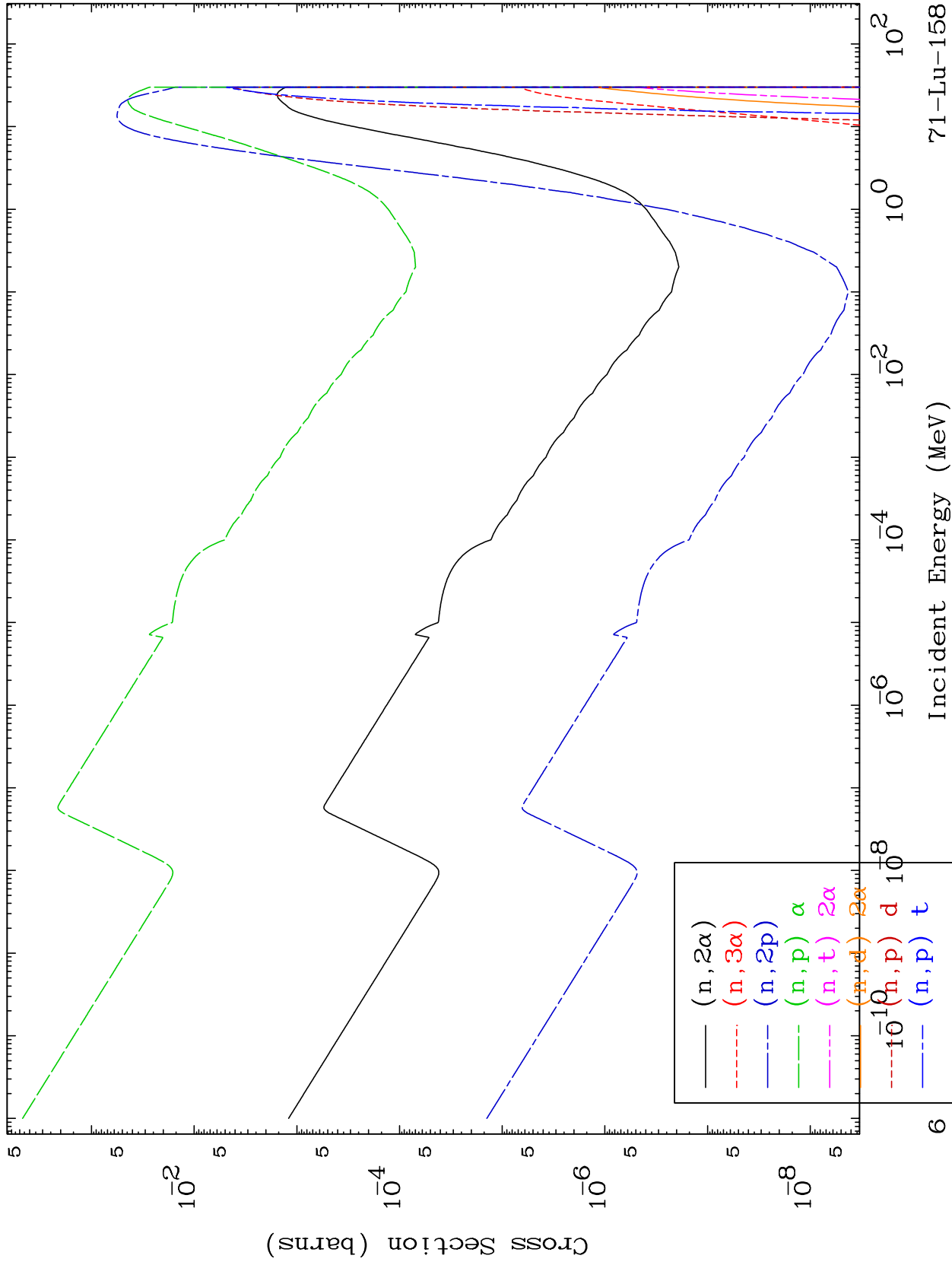
71-Lu-158



MAT 7074

Charged Particle  
293 Kelvin Cross Sections

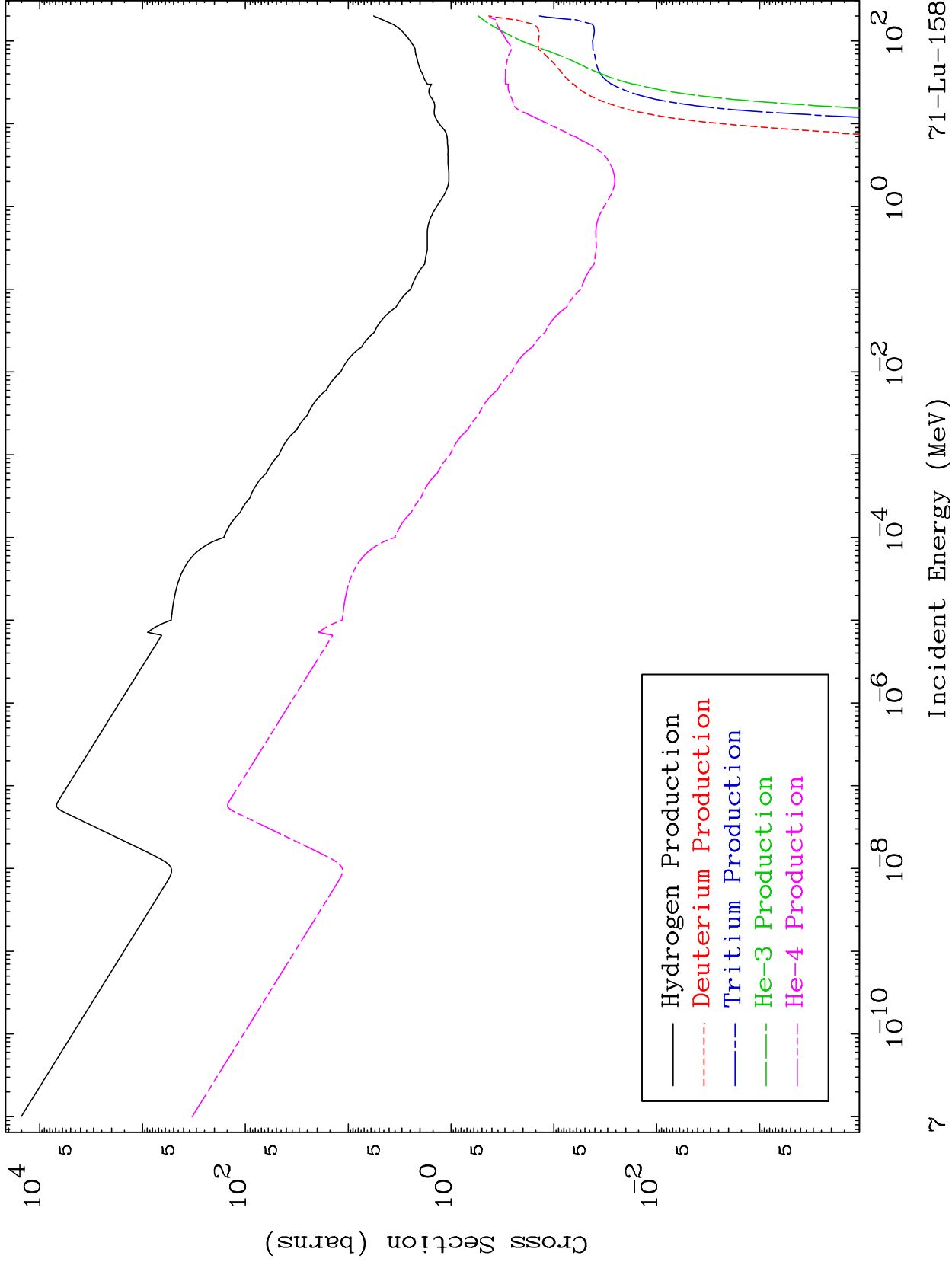
71-Lu-158



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Particle Production  
293 Kelvin Cross Sections

71-Lu-158



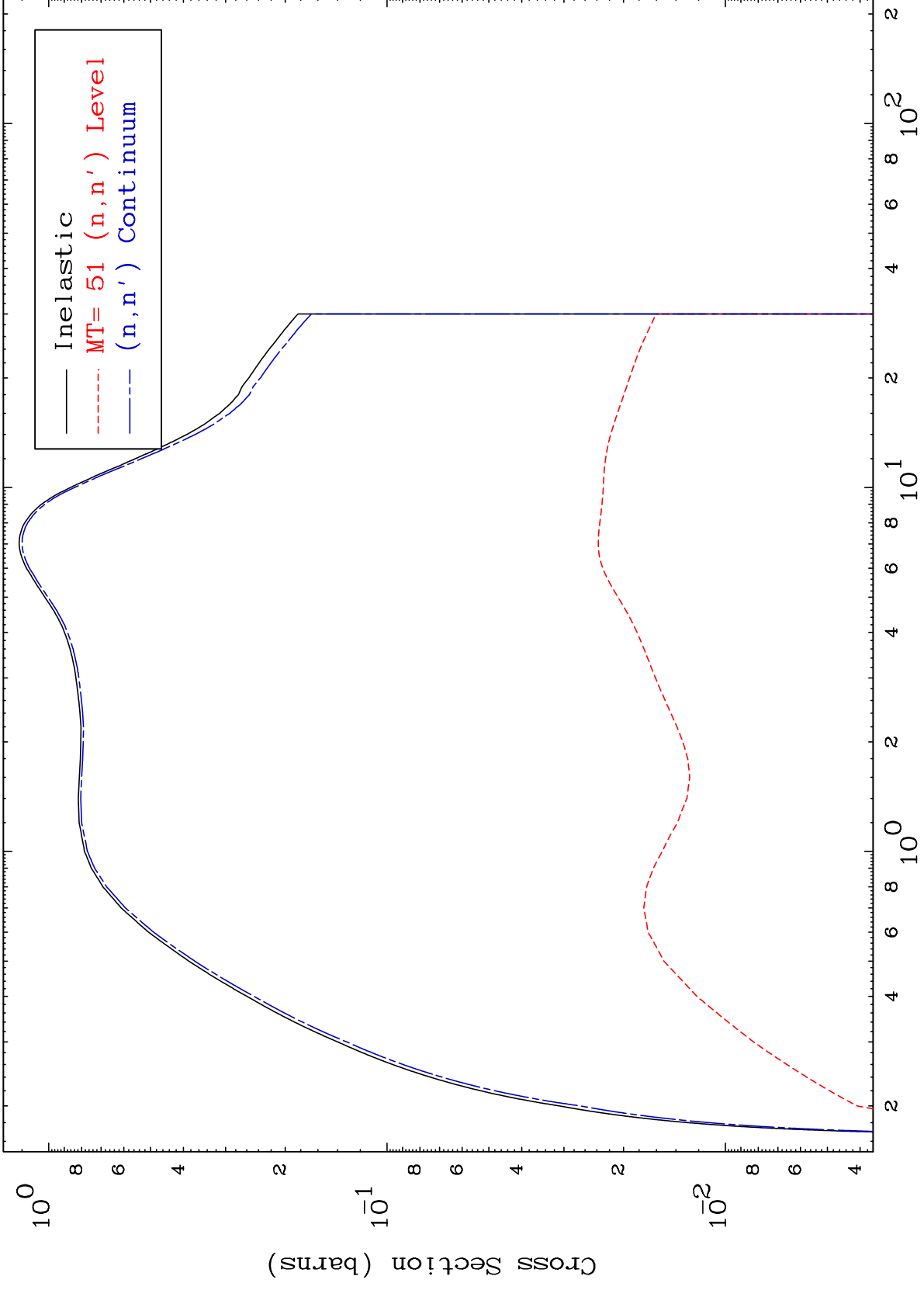


MAT 7074

(n,n') Level

71-Lu-158

293 Kelvin Cross Sections



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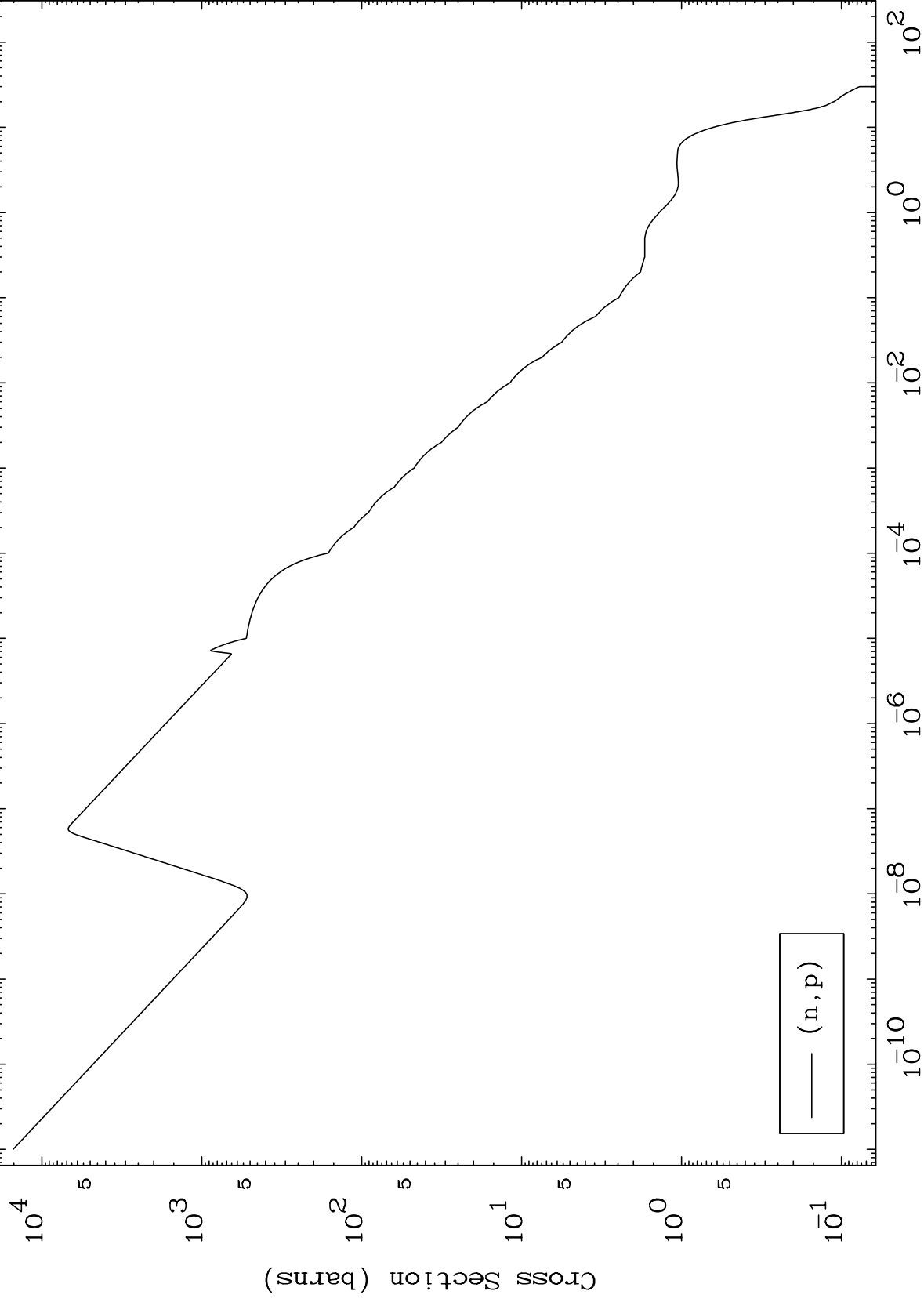
Incident Energy (MeV)

71-Lu-158

MAT 7074

(n,p) Levels  
293 Kelvin Cross Sections

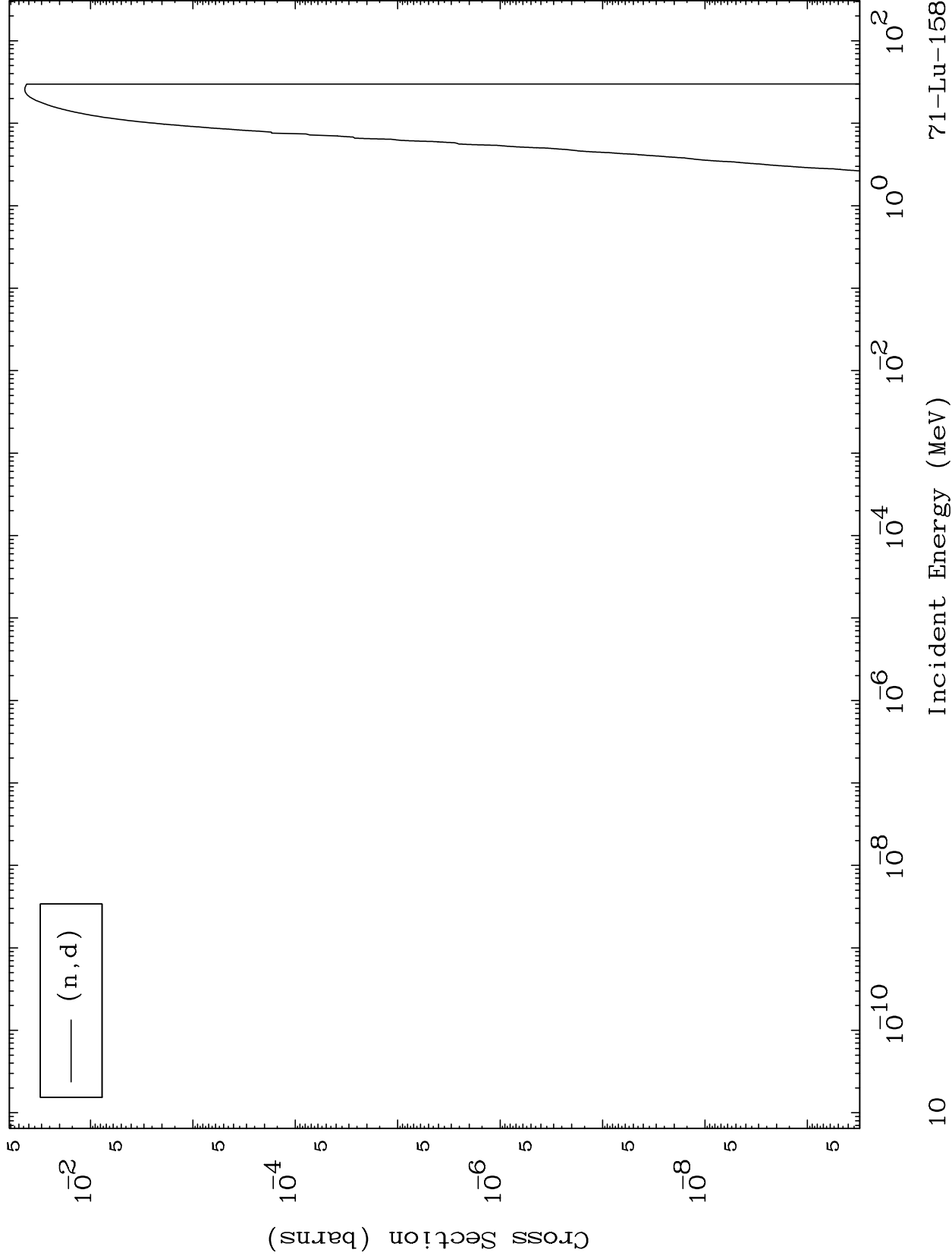
71-Lu-158



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(n,d) Levels  
293 Kelvin Cross Sections

71-Lu-158



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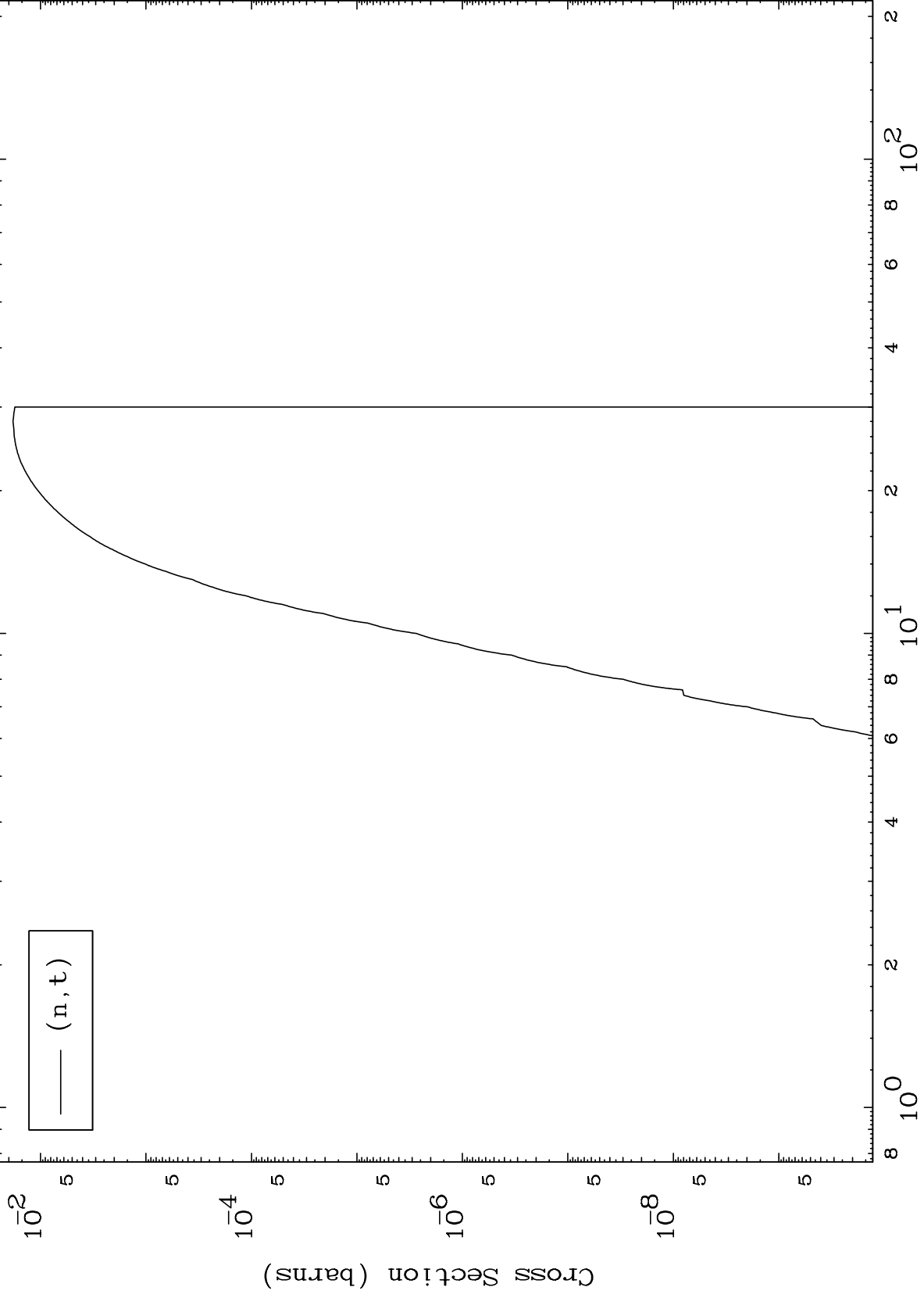
Incident Energy (MeV)

71-Lu-158

MAT 7074

(n,t) Levels  
293 Kelvin Cross Sections

71-Lu-158



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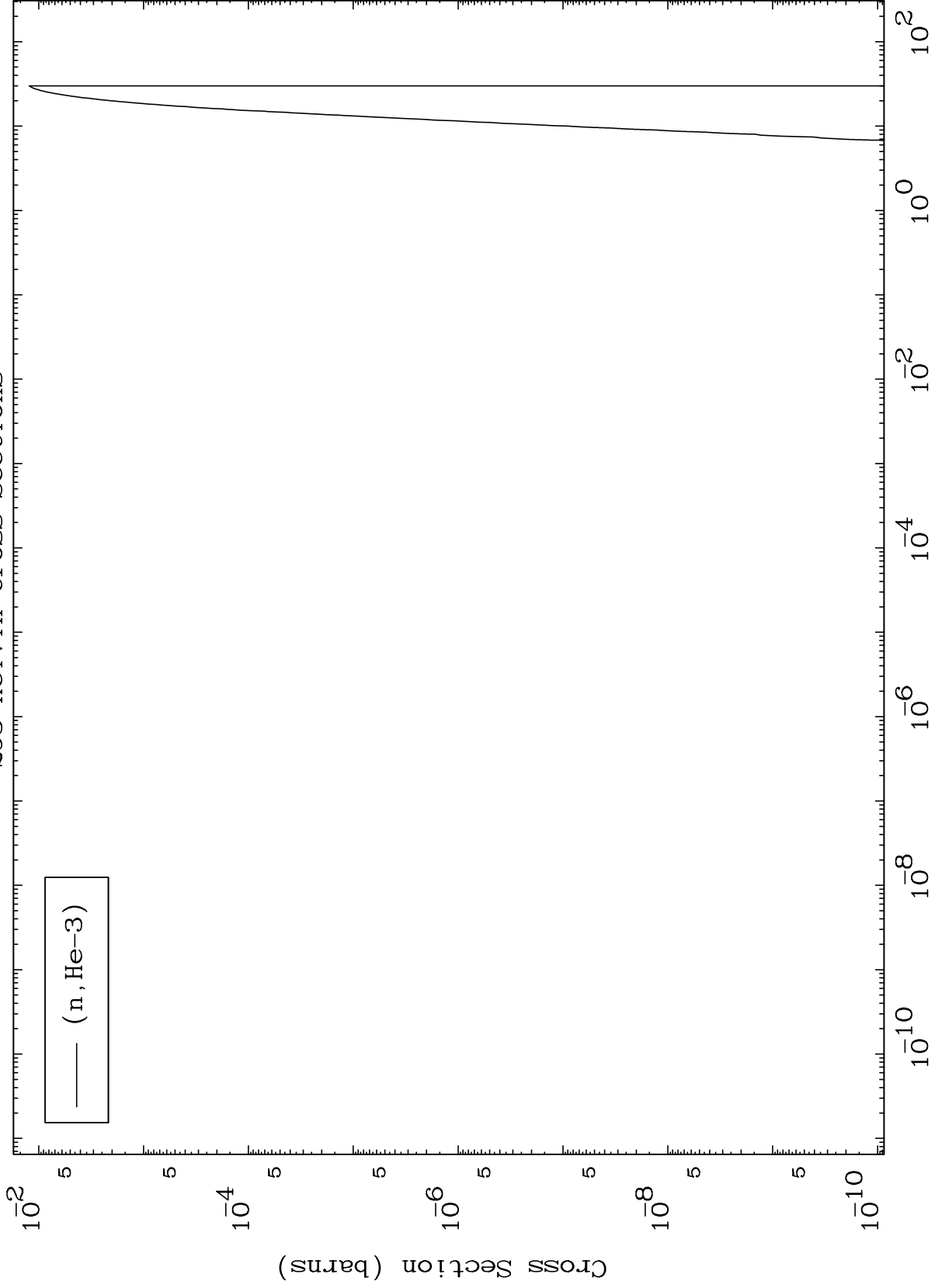
Incident Energy (MeV)

71-Lu-158

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(n,He3) Levels  
293 Kelvin Cross Sections

71-Lu-158

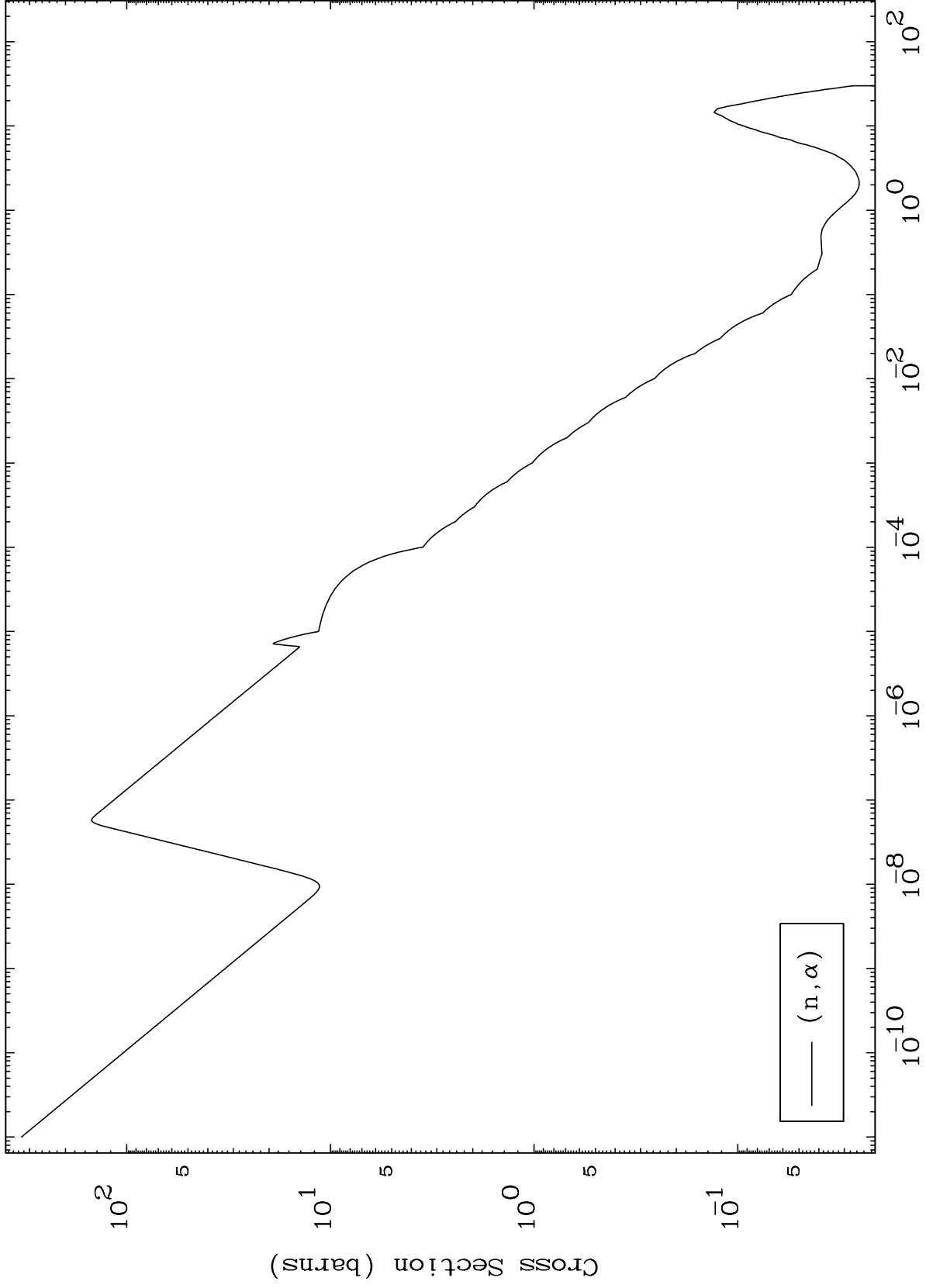


(n, He-3)

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(n,α) Levels  
293 Kelvin Cross Sections

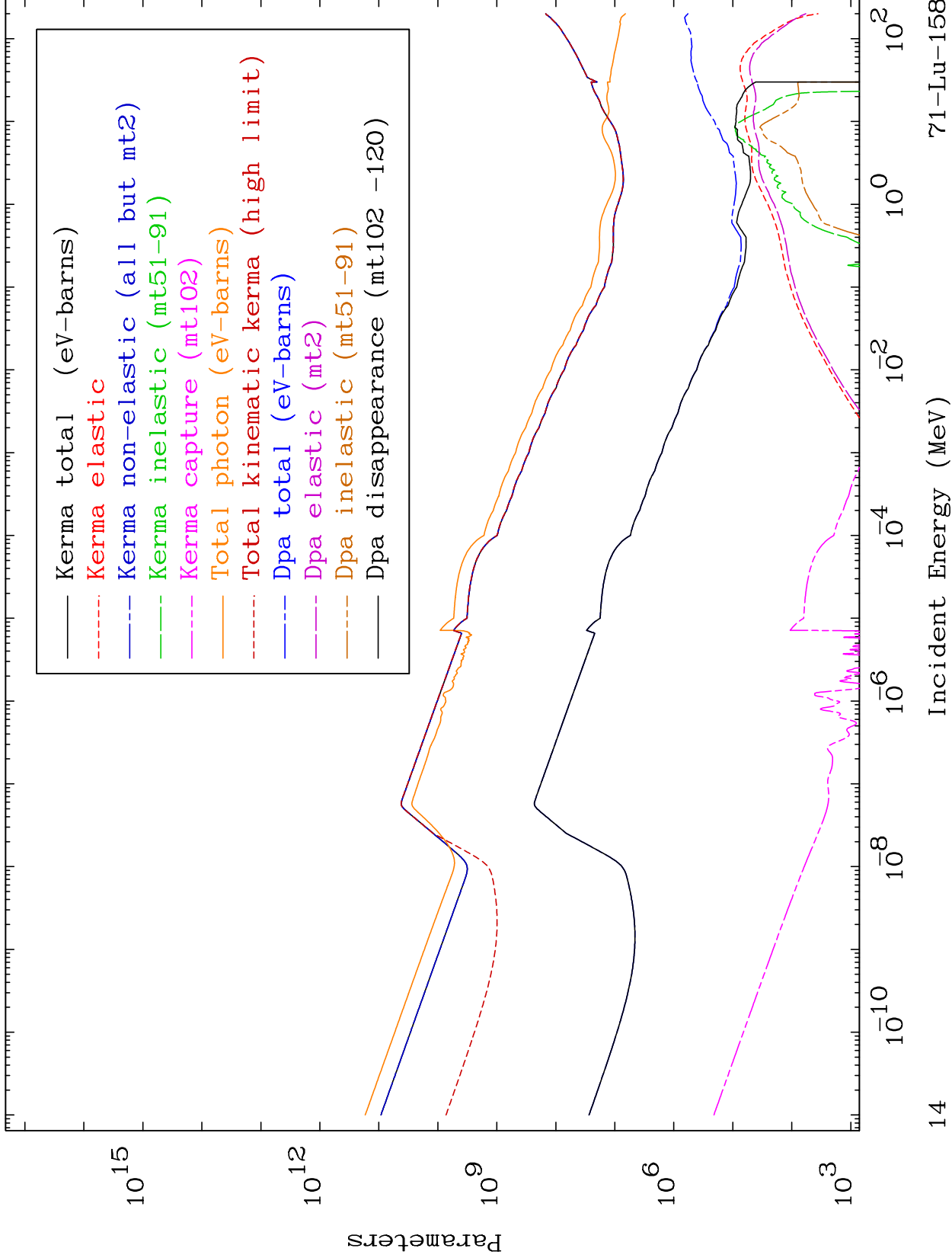
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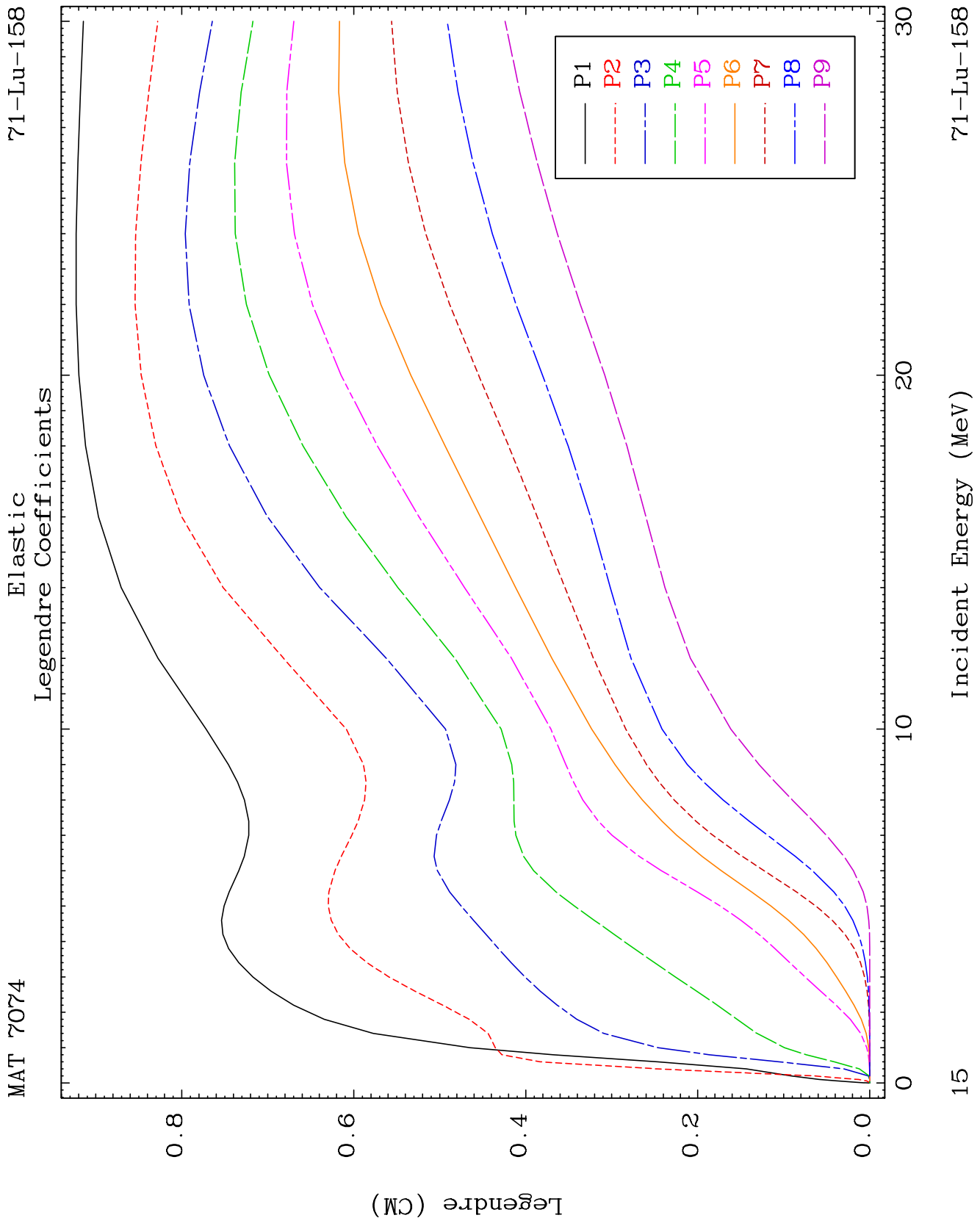


13

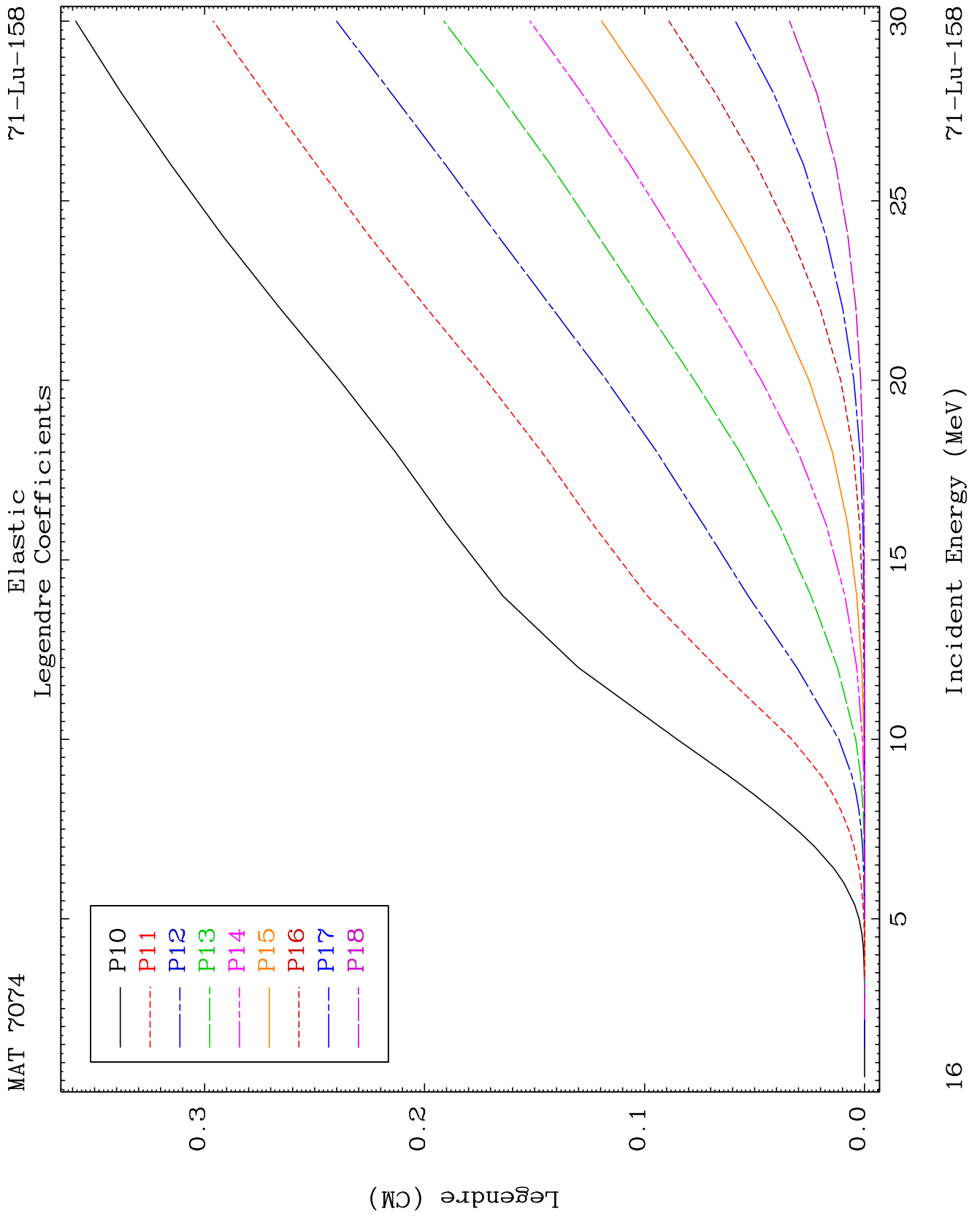
Incident Energy (MeV)

71-Lu-158





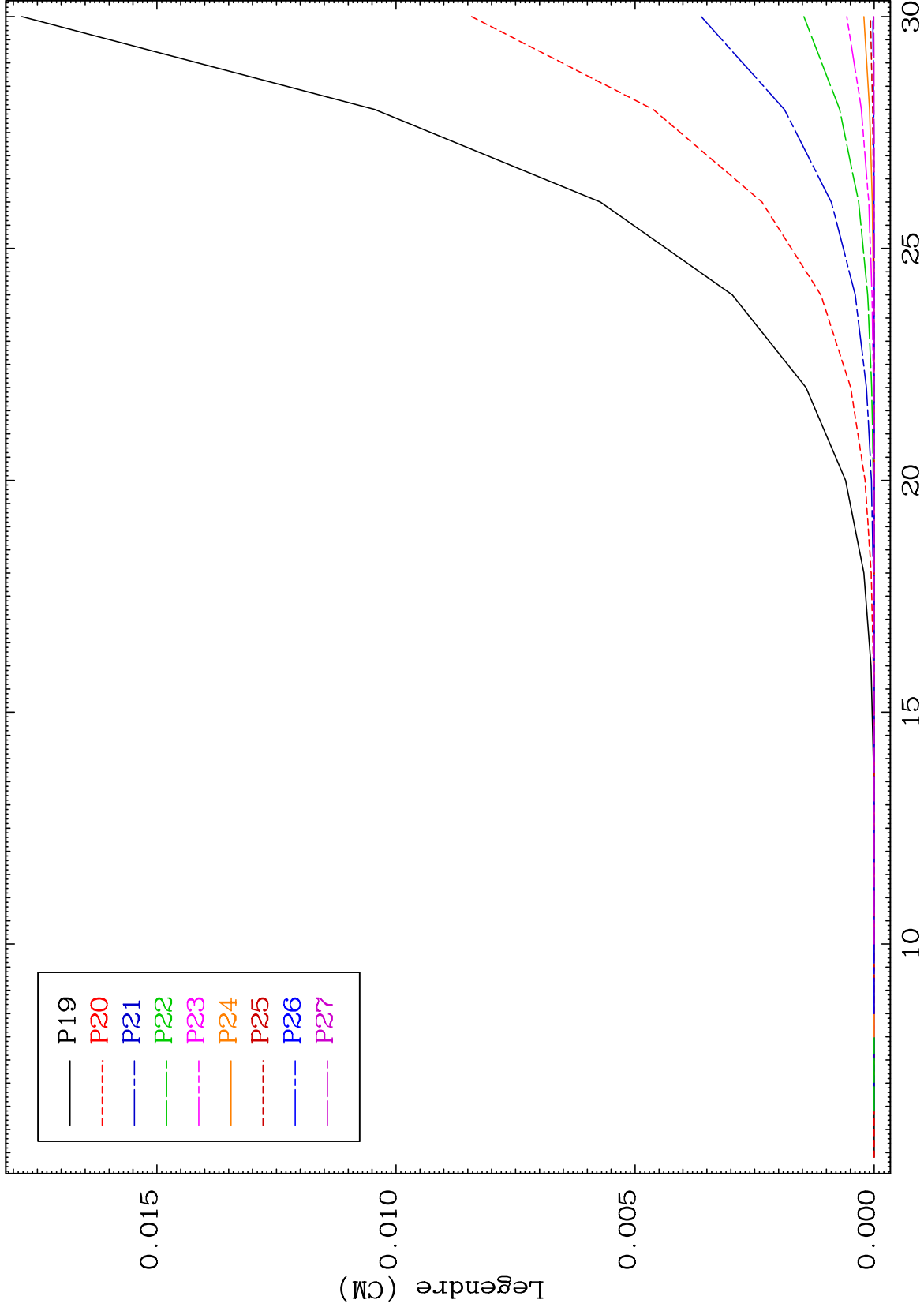




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### Elastic Legendre Coefficients

71-Lu-158



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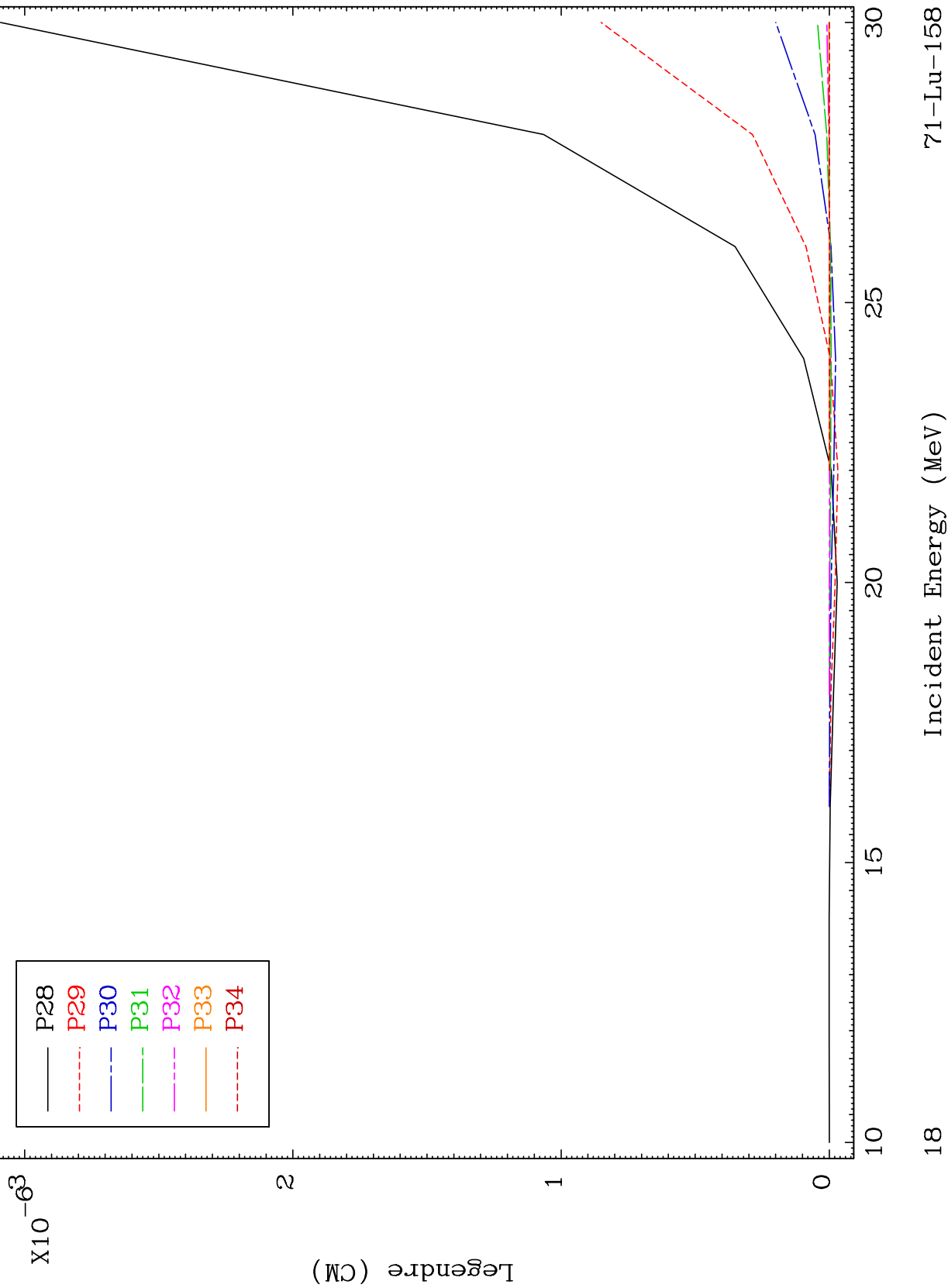
Incident Energy (MeV)

71-Lu-158

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Elastic Legendre Coefficients

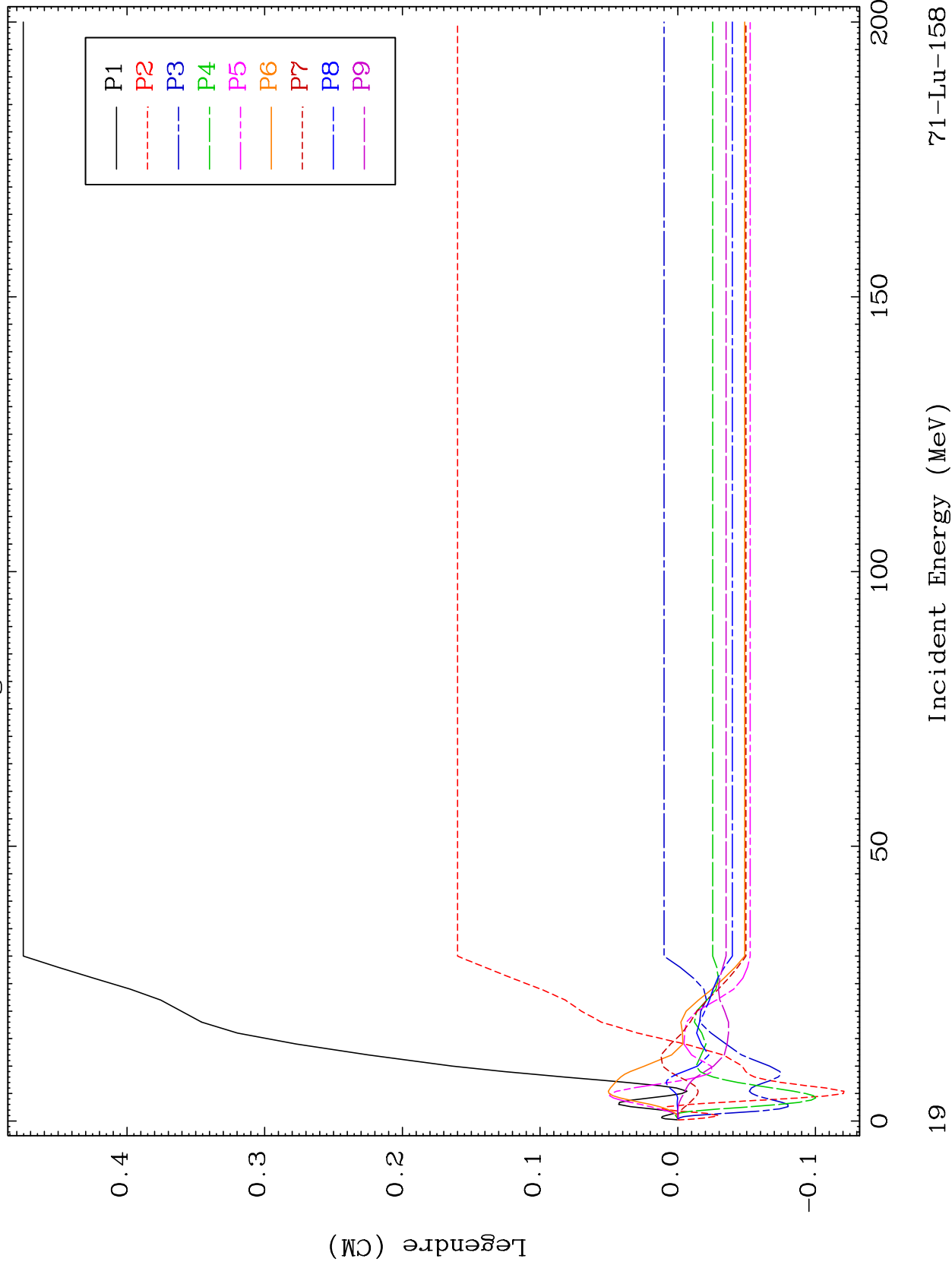
<sup>71</sup>Lu-158



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MT= 51 (n,n') Level  
Legendre Coefficients

71-Lu-158



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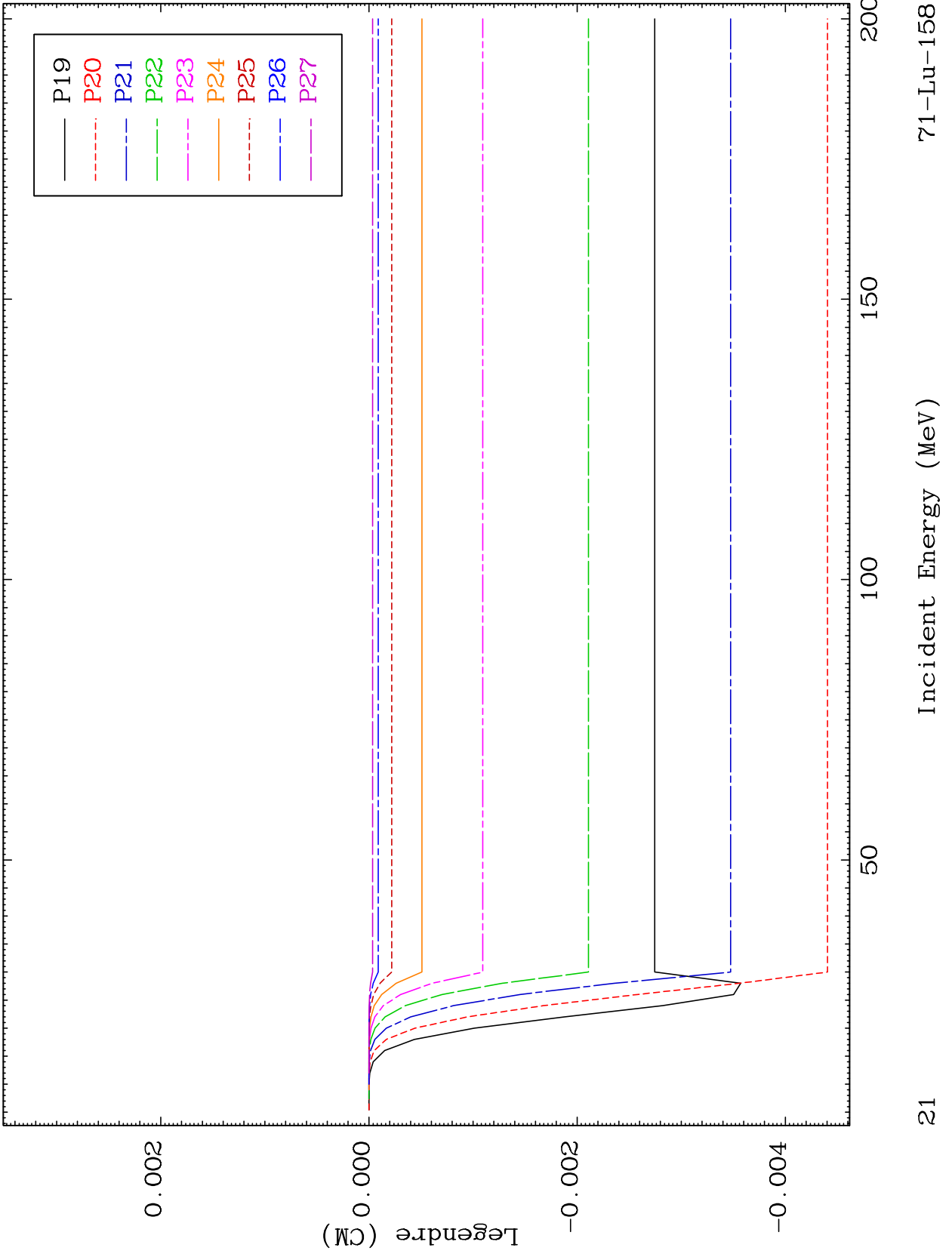
71-Lu-158



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MT= 51 (n,n') Level  
Legendre Coefficients

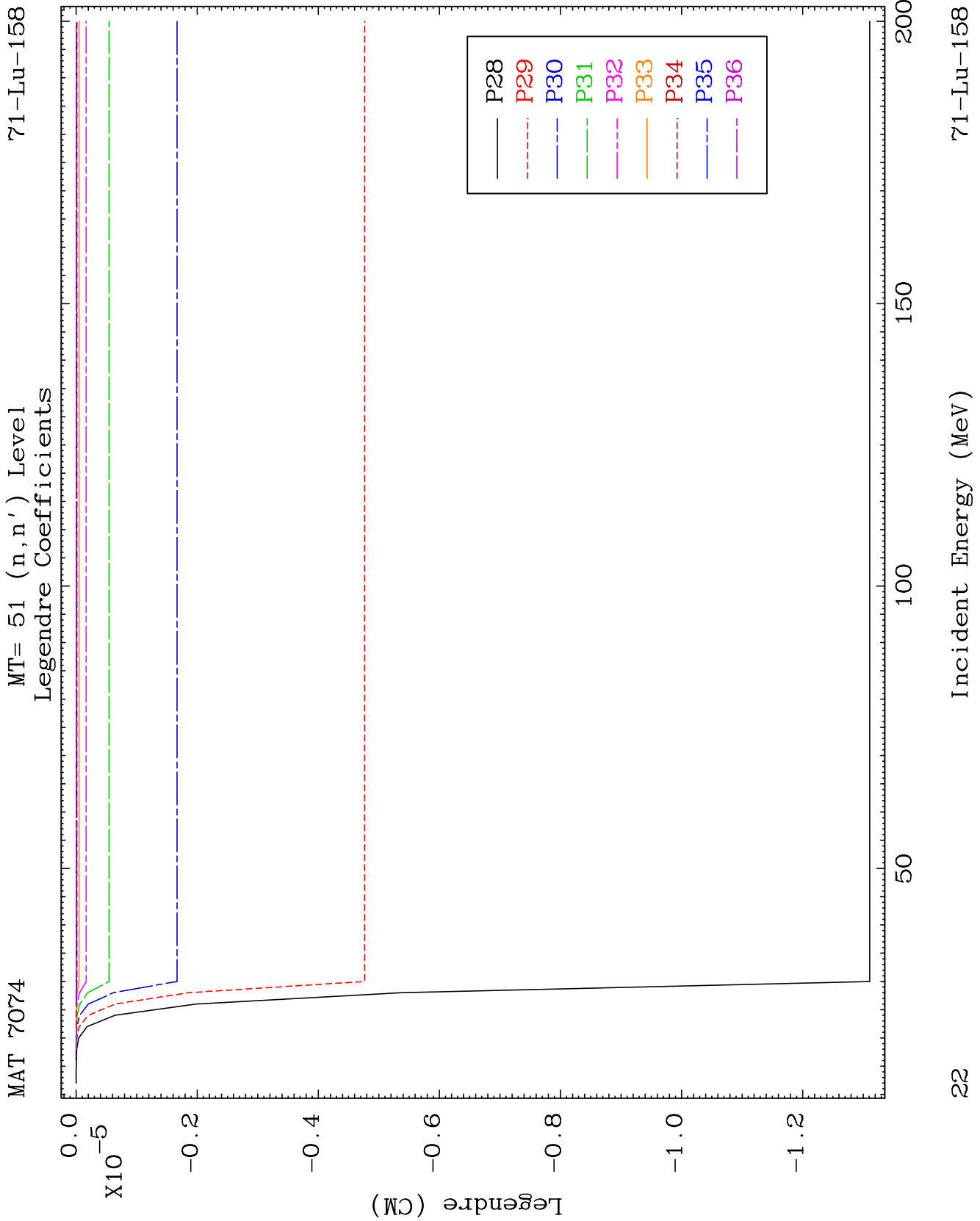
71-Lu-158



21

Incident Energy (MeV)

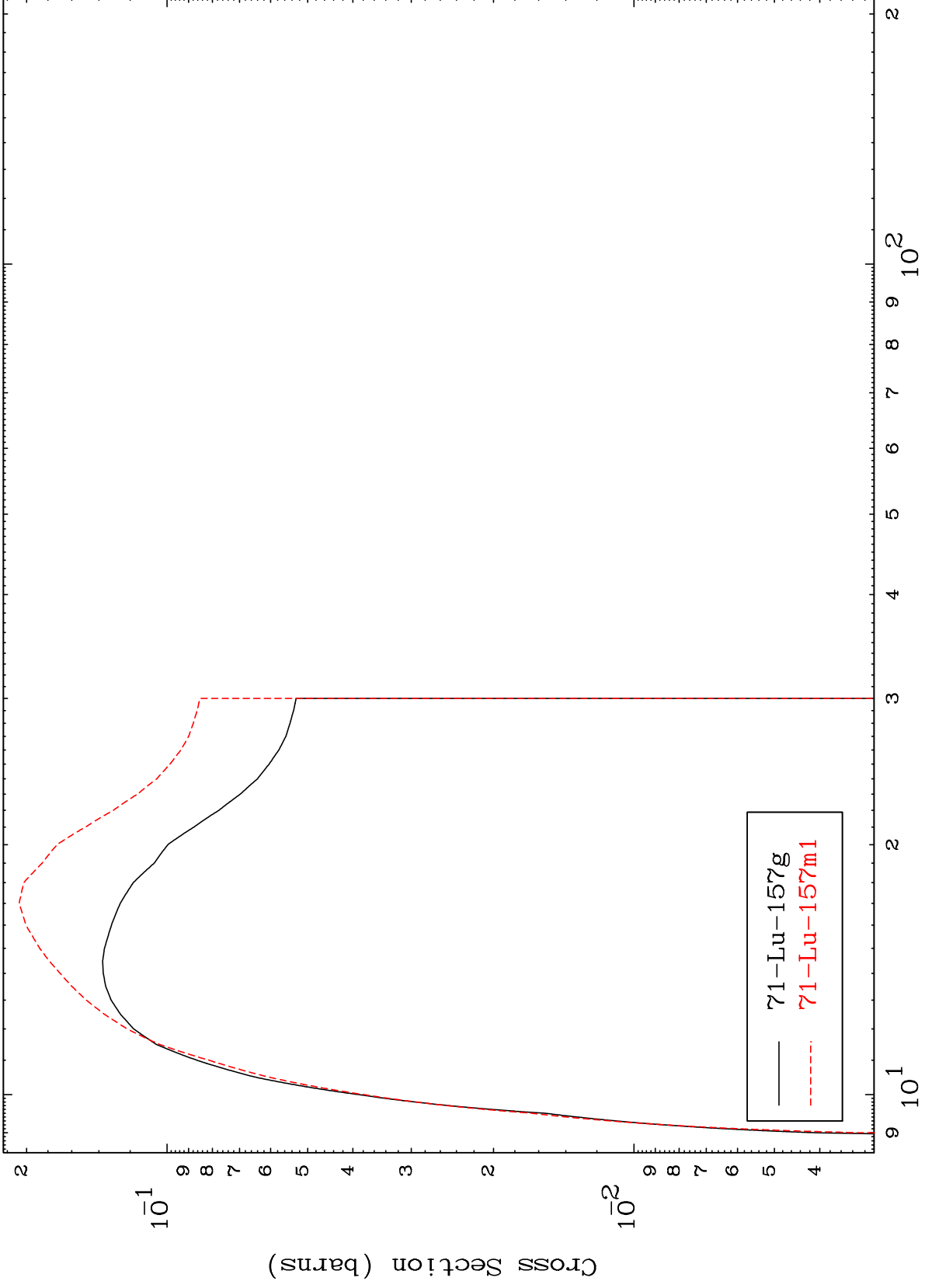
71-Lu-158



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71-Lu-158

Radionuclide Production Cross Section  
(n,2n)



23

Incident Energy (MeV)

71-Lu-158

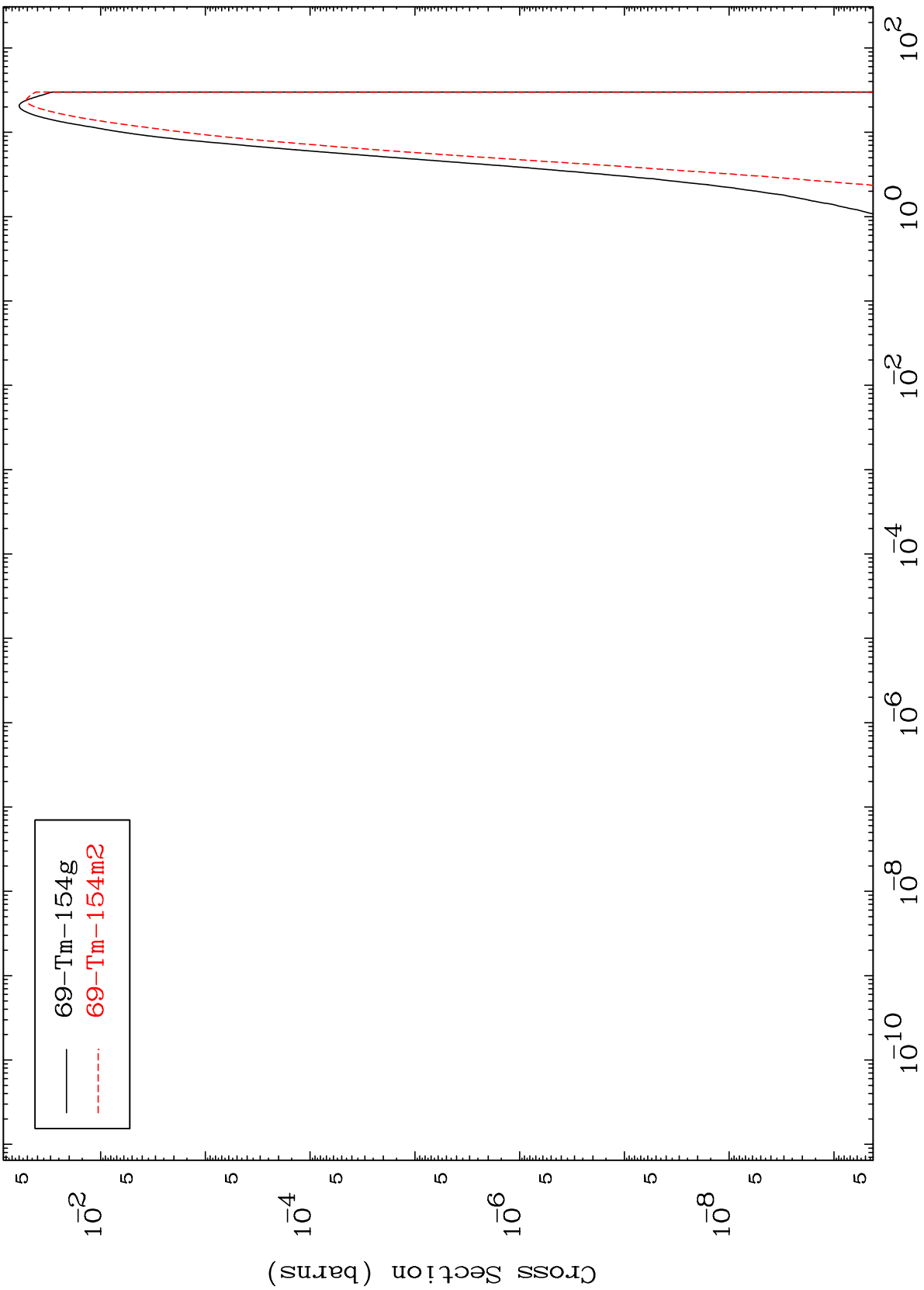


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$(n, n') \alpha$

71-Lu-158

Radionuclide Production Cross Section

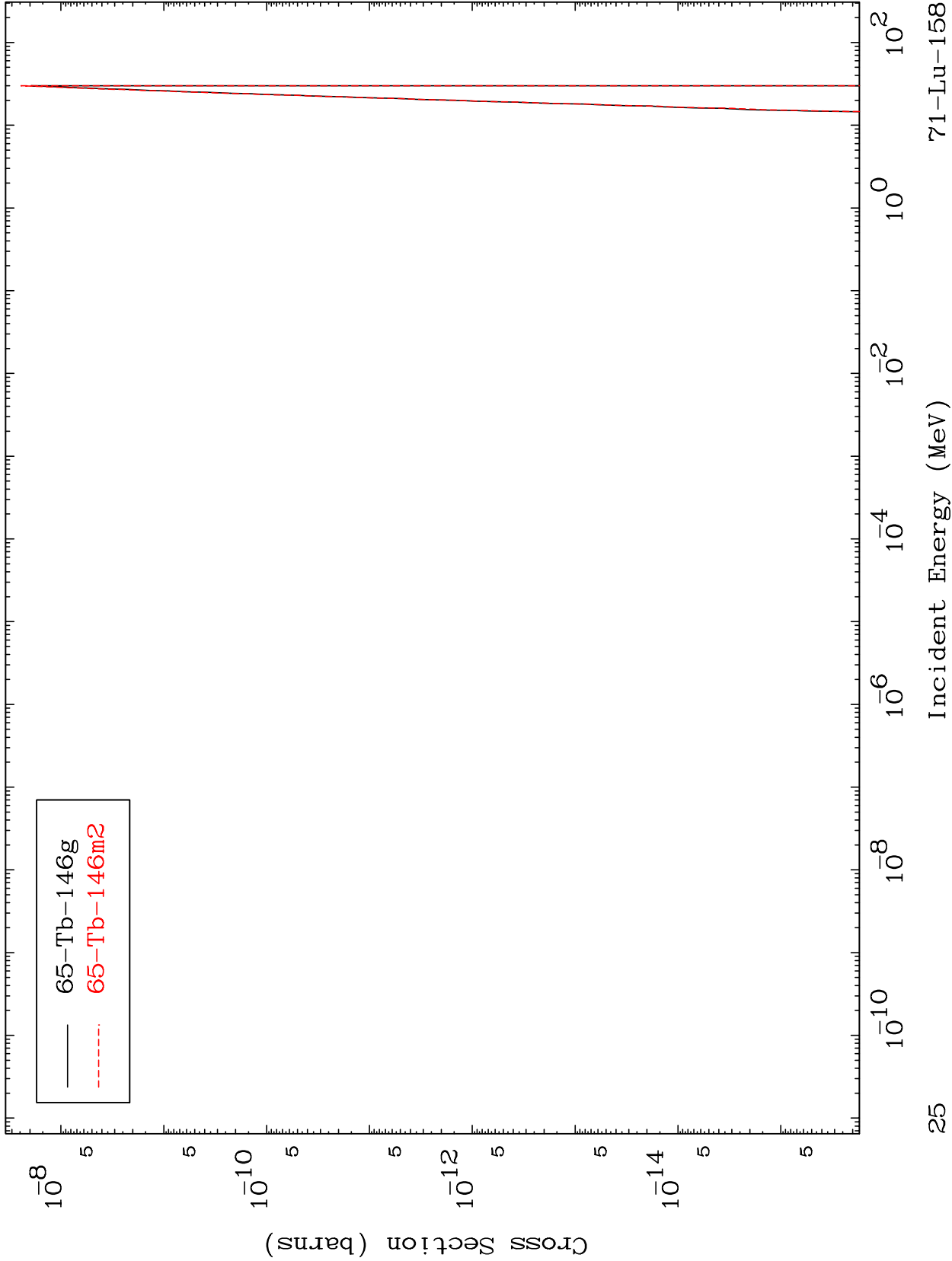


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(n,n') 3 $\alpha$

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Radionuclide Production Cross Section

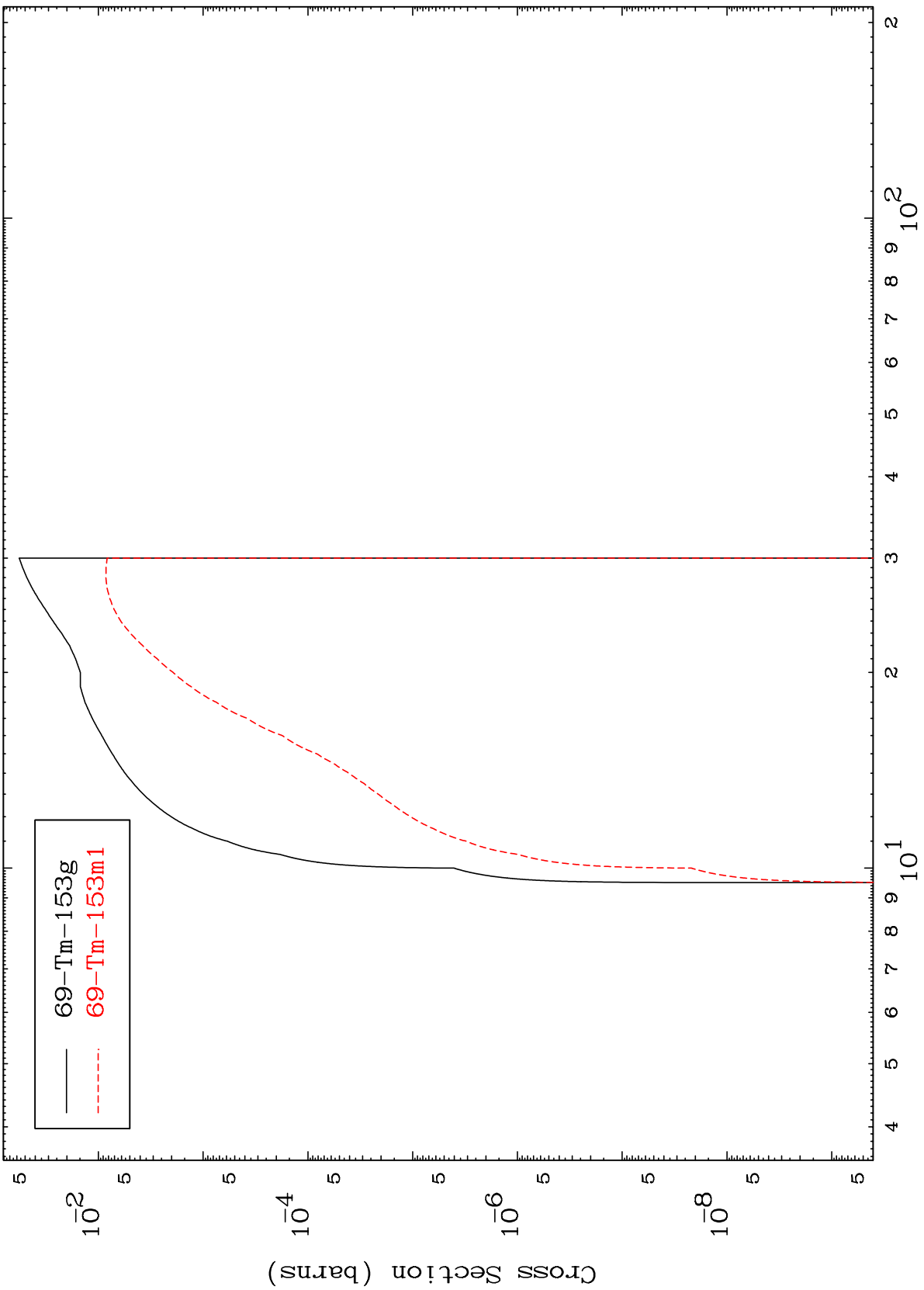


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$(n,2n) \alpha$

$^{71}\text{Lu-158}$

Radionuclide Production Cross Section



26

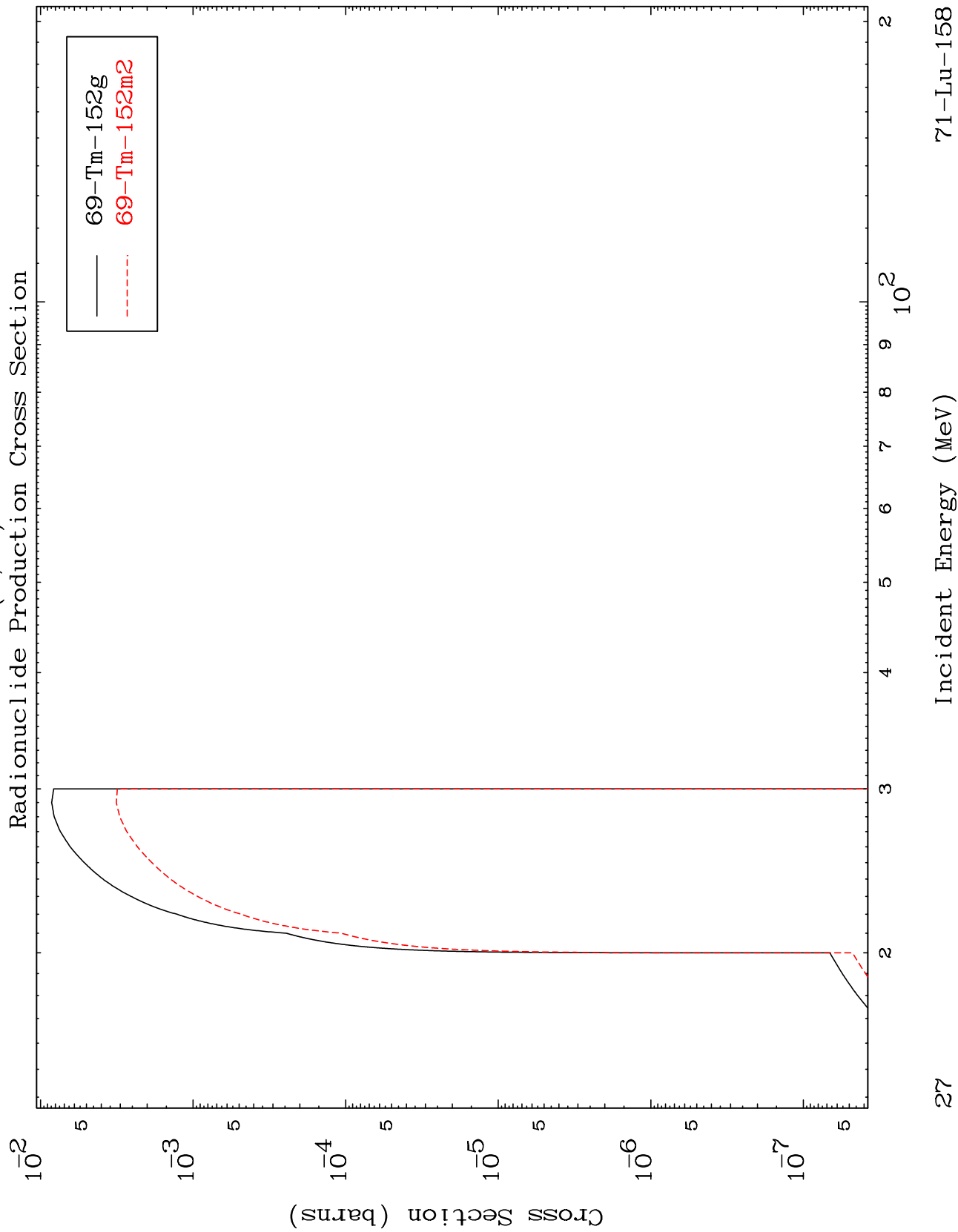
Incident Energy (MeV)

$^{71}\text{Lu-158}$

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(n,3n)  $\alpha$

71-Lu-158



27

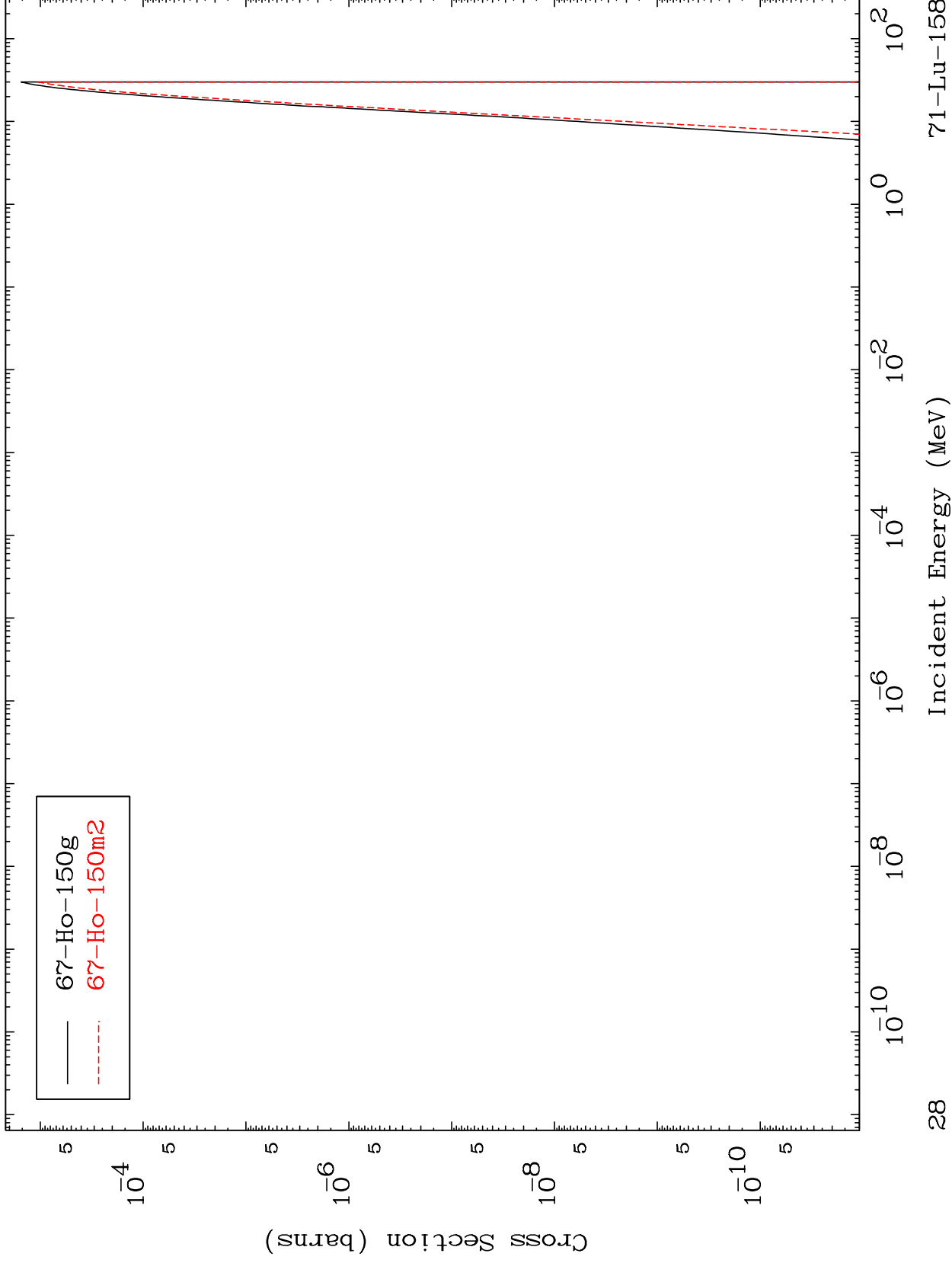
71-Lu-158

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(n,n') 2α

71-Lu-158

Radionuclide Production Cross Section

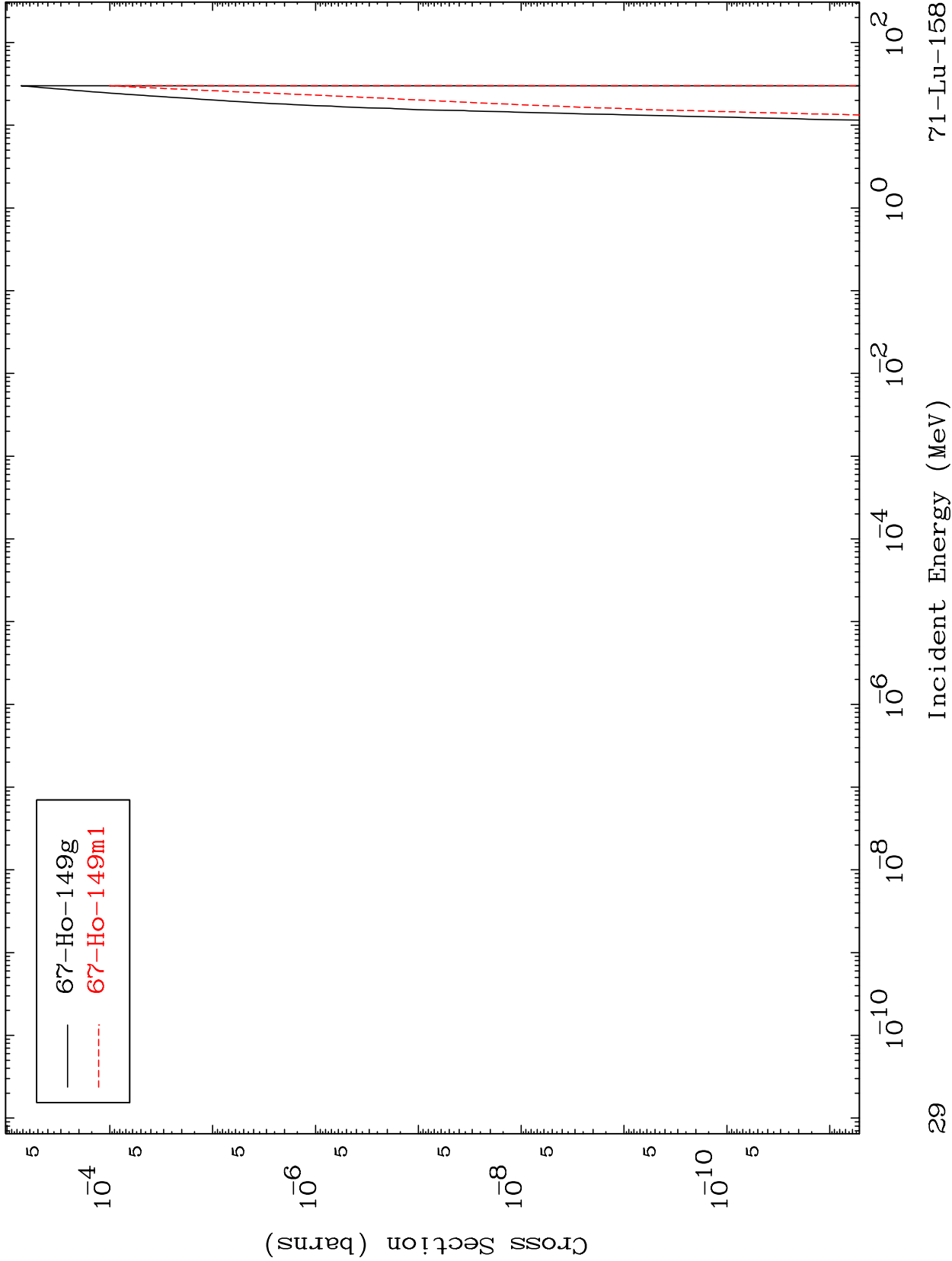


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(n,2n) 2α

71-Lu-158

Radionuclide Production Cross Section

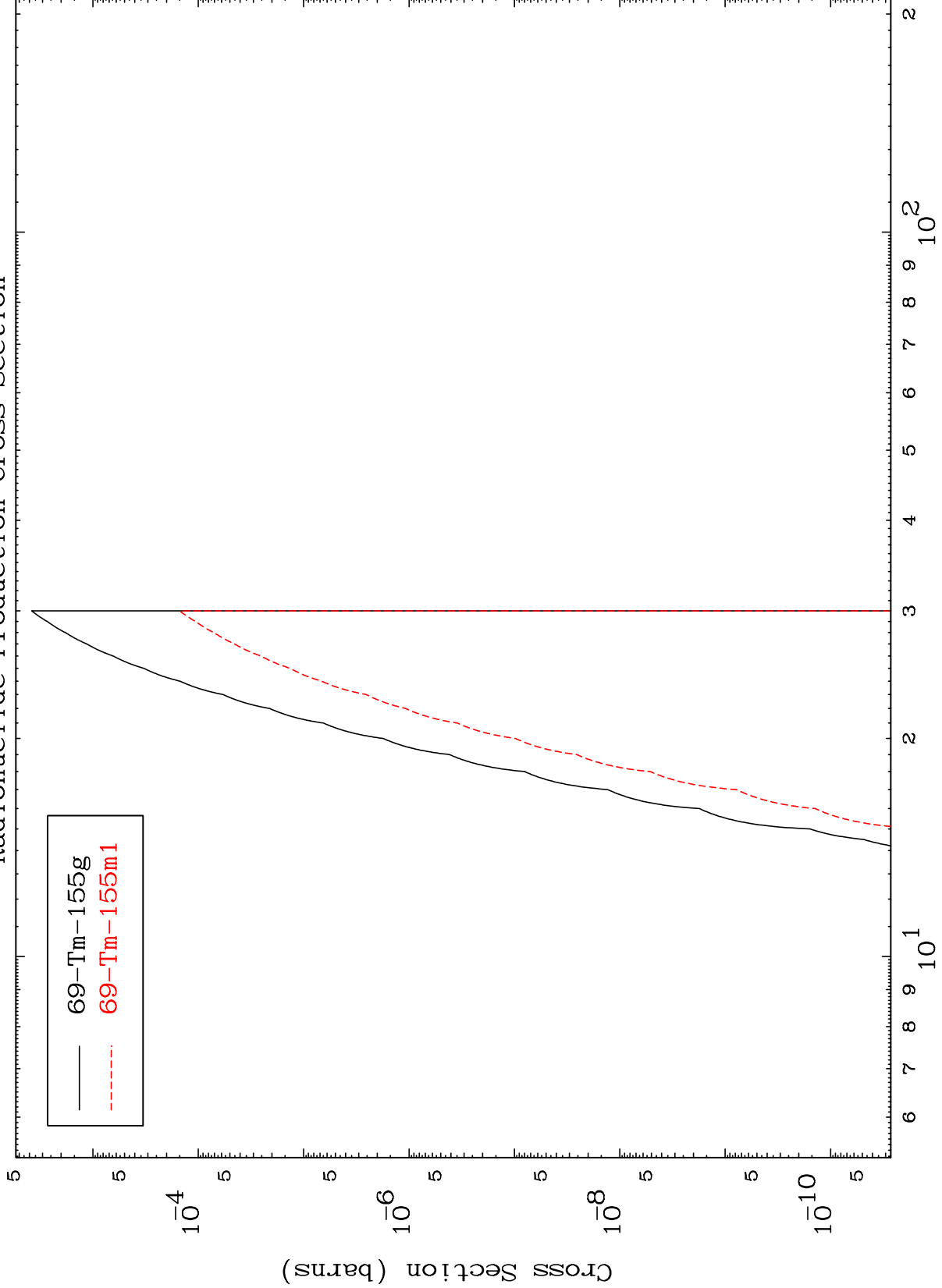


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(n, n') He-3

71-Lu-158

Radionuclide Production Cross Section



69-Tm-155g  
69-Tm-155m1

30

Incident Energy (MeV)

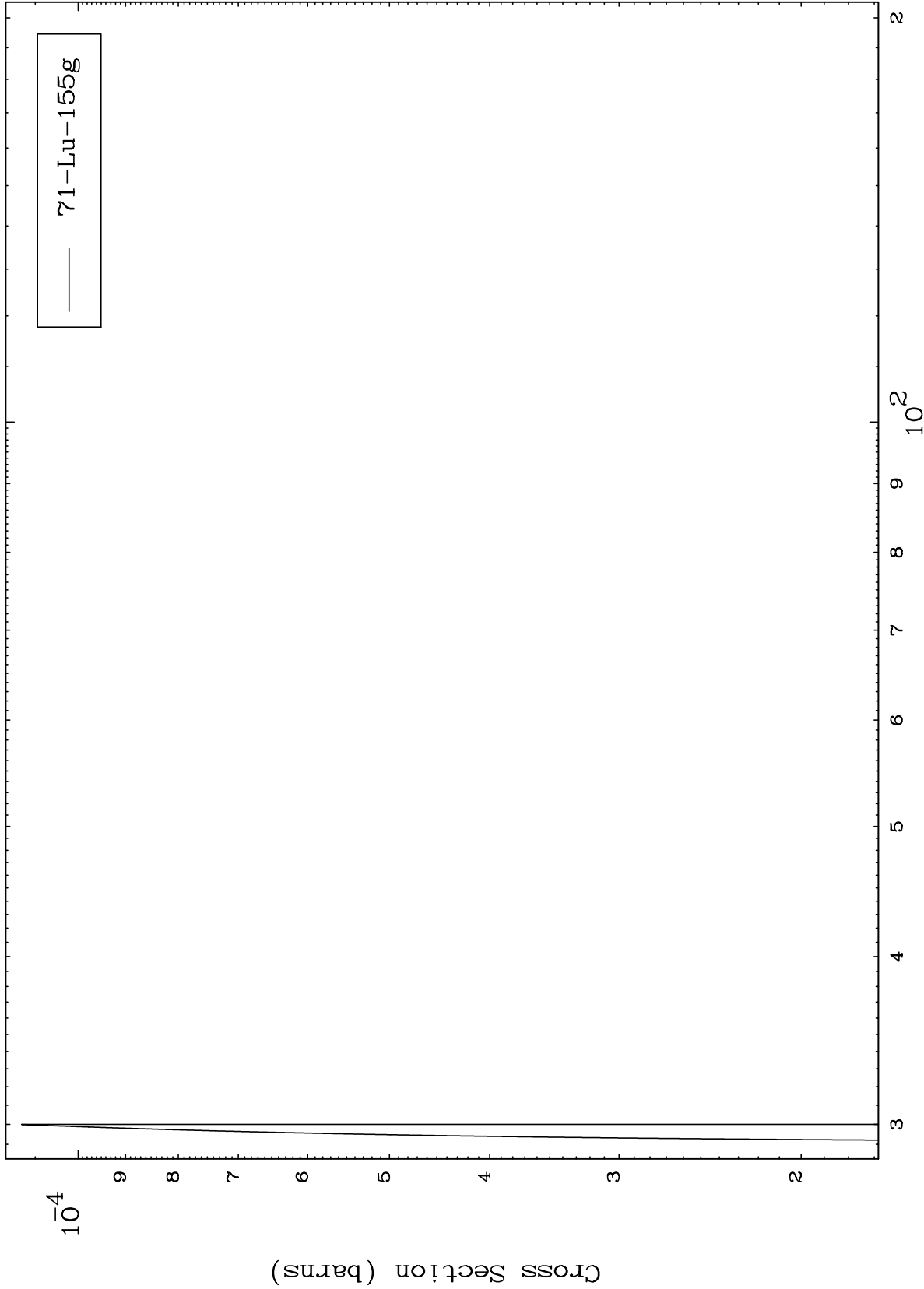
71-Lu-158

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(n,4n)

71-Lu-158

Radionuclide Production Cross Section



31

Incident Energy (MeV)

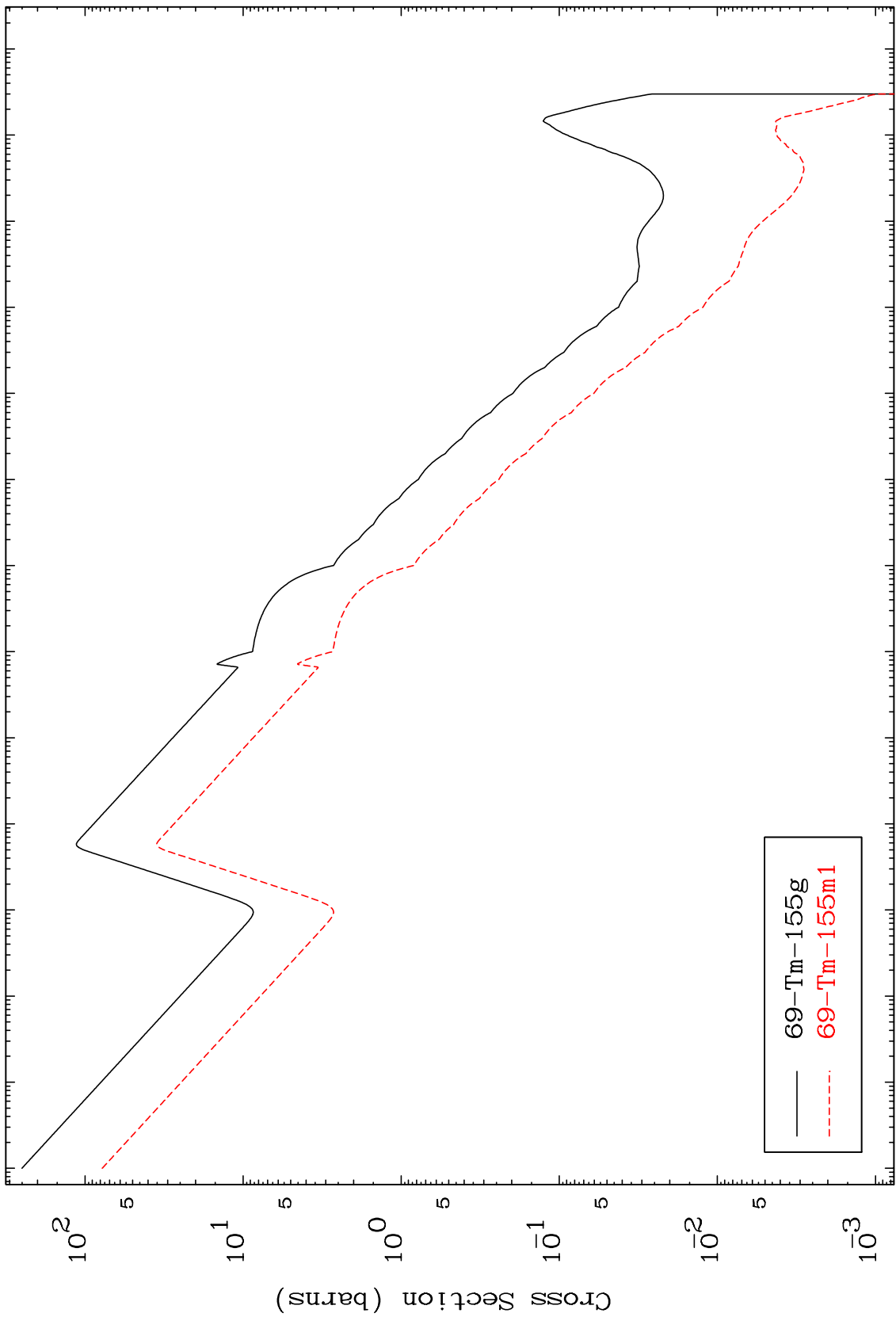
71-Lu-158



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71-Lu-158

Radionuclide Production Cross Section

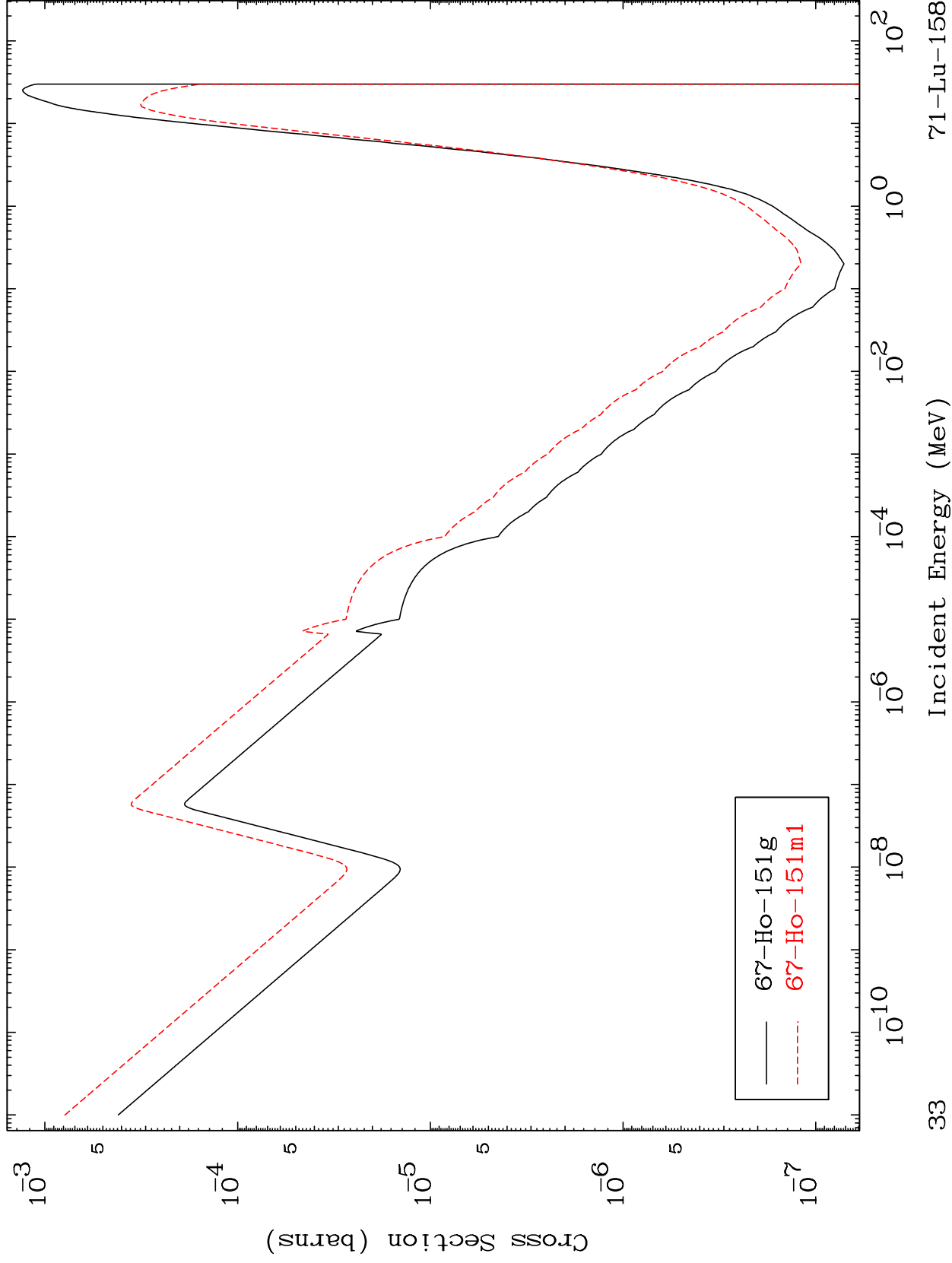


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(n,2α)

71-Lu-158

Radionuclide Production Cross Section



33

Incident Energy (MeV)

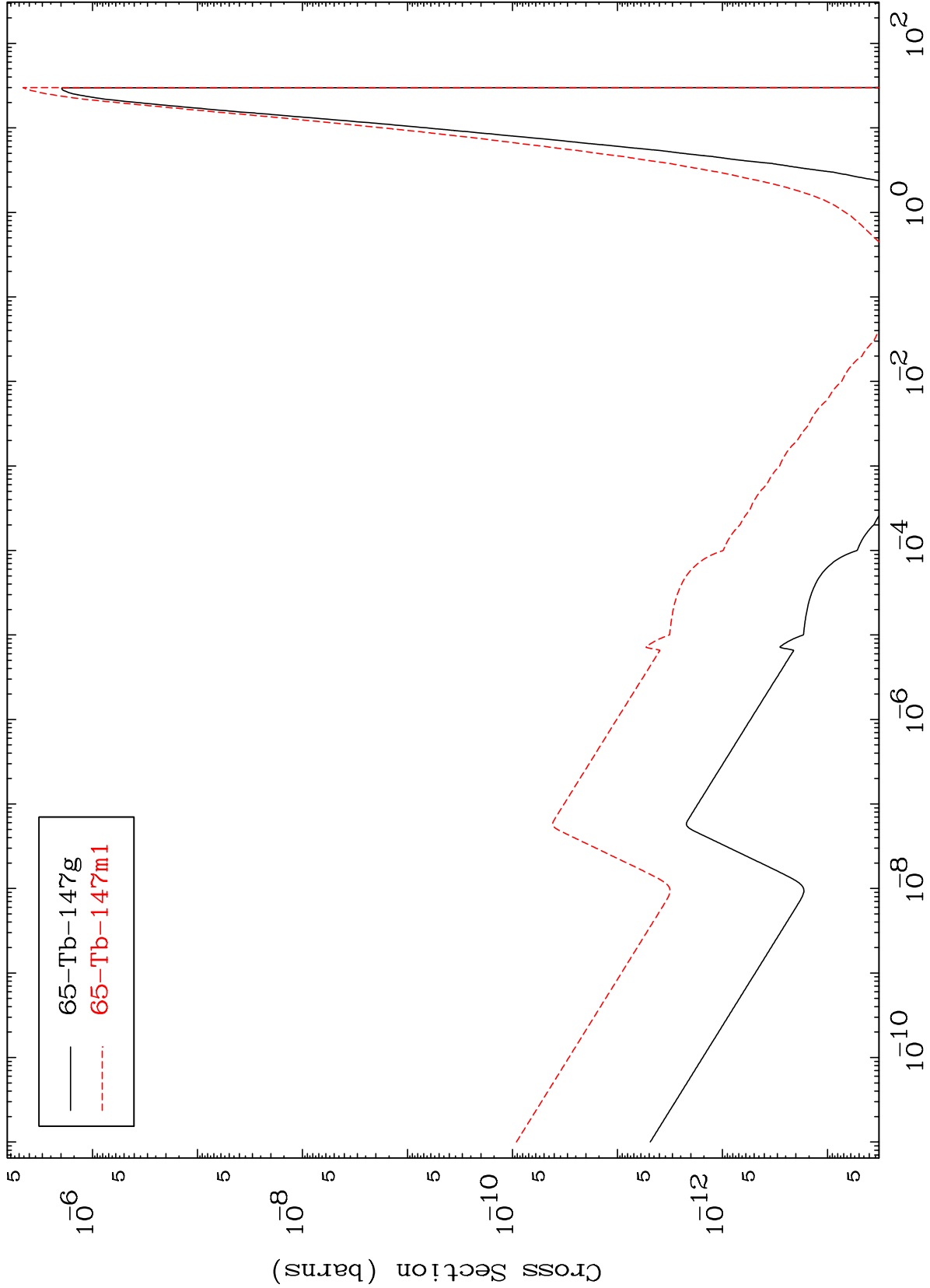
71-Lu-158

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(n, 3α)

71-Lu-158

Radionuclide Production Cross Section



34

Incident Energy (MeV)

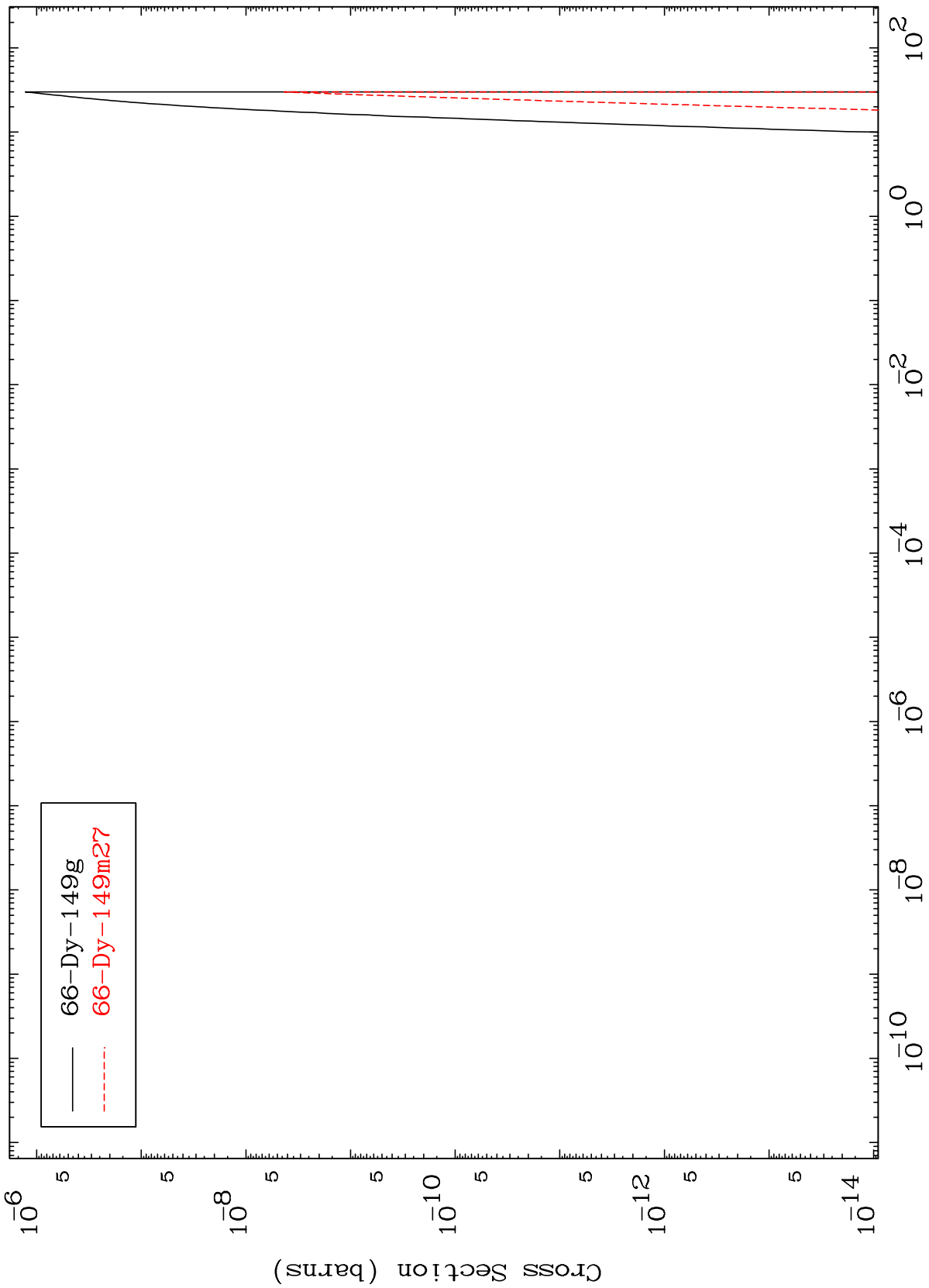
71-Lu-158

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(n,d) 2 $\alpha$

71-Lu-158

Radionuclide Production Cross Section

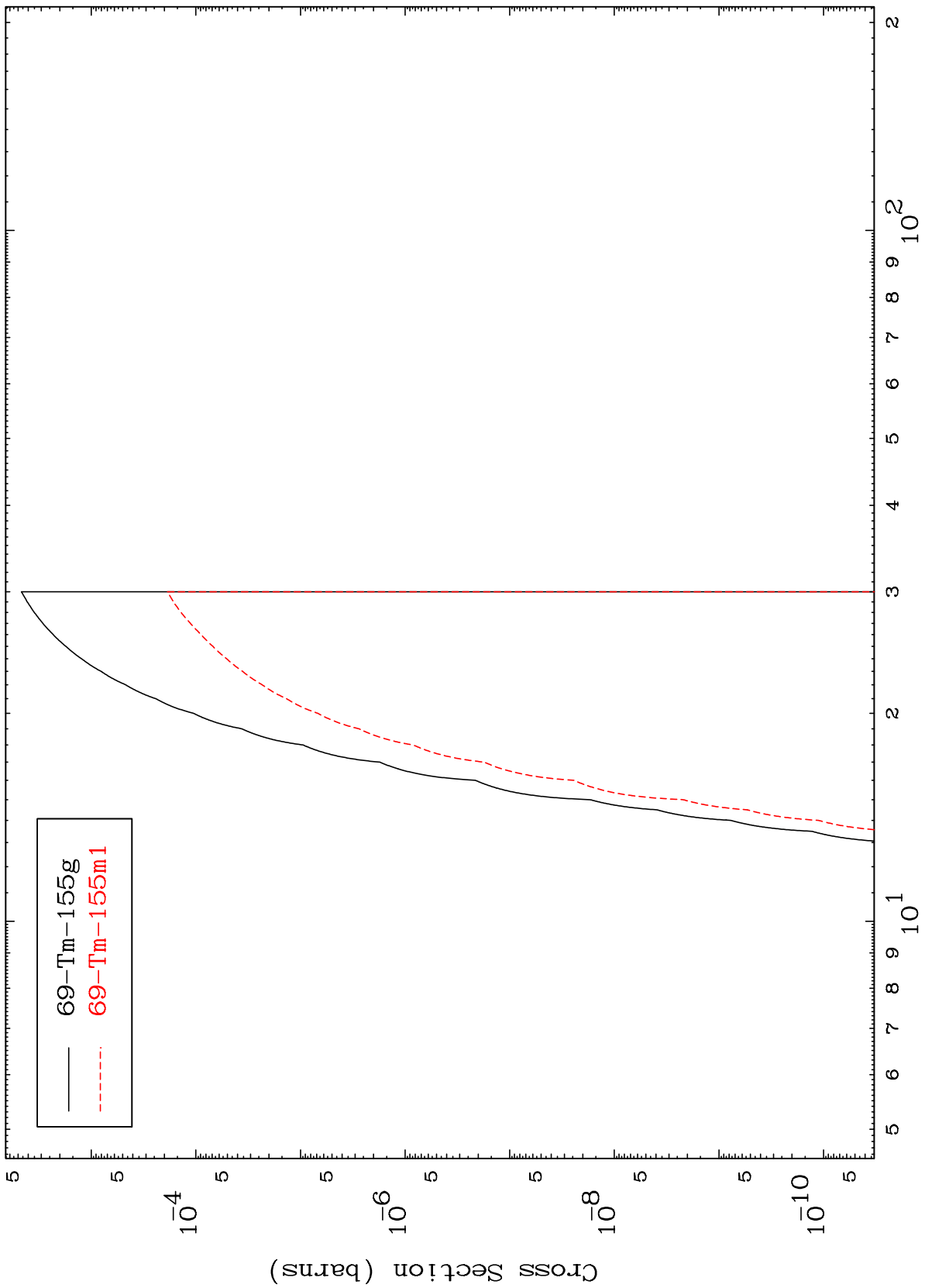


MAT 7074

(n,p) t

71-Lu-158

Radionuclide Production Cross Section



36

Incident Energy (MeV)

71-Lu-158