

Program EVALPLOT  
(Version 2015-2)

by

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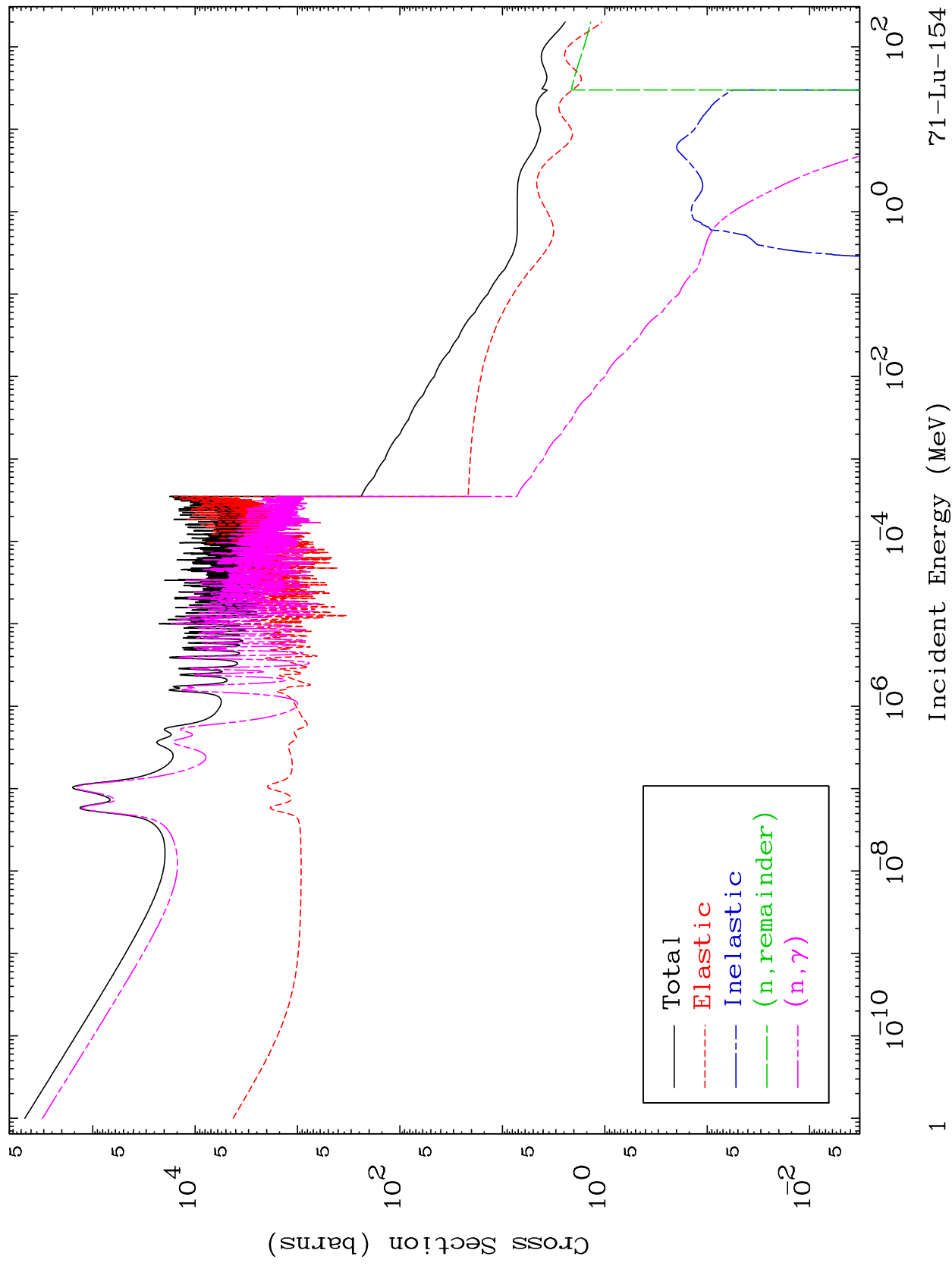
Press Mouse Button to Start

MAT 7063

Major

293 Kelvin Cross Sections

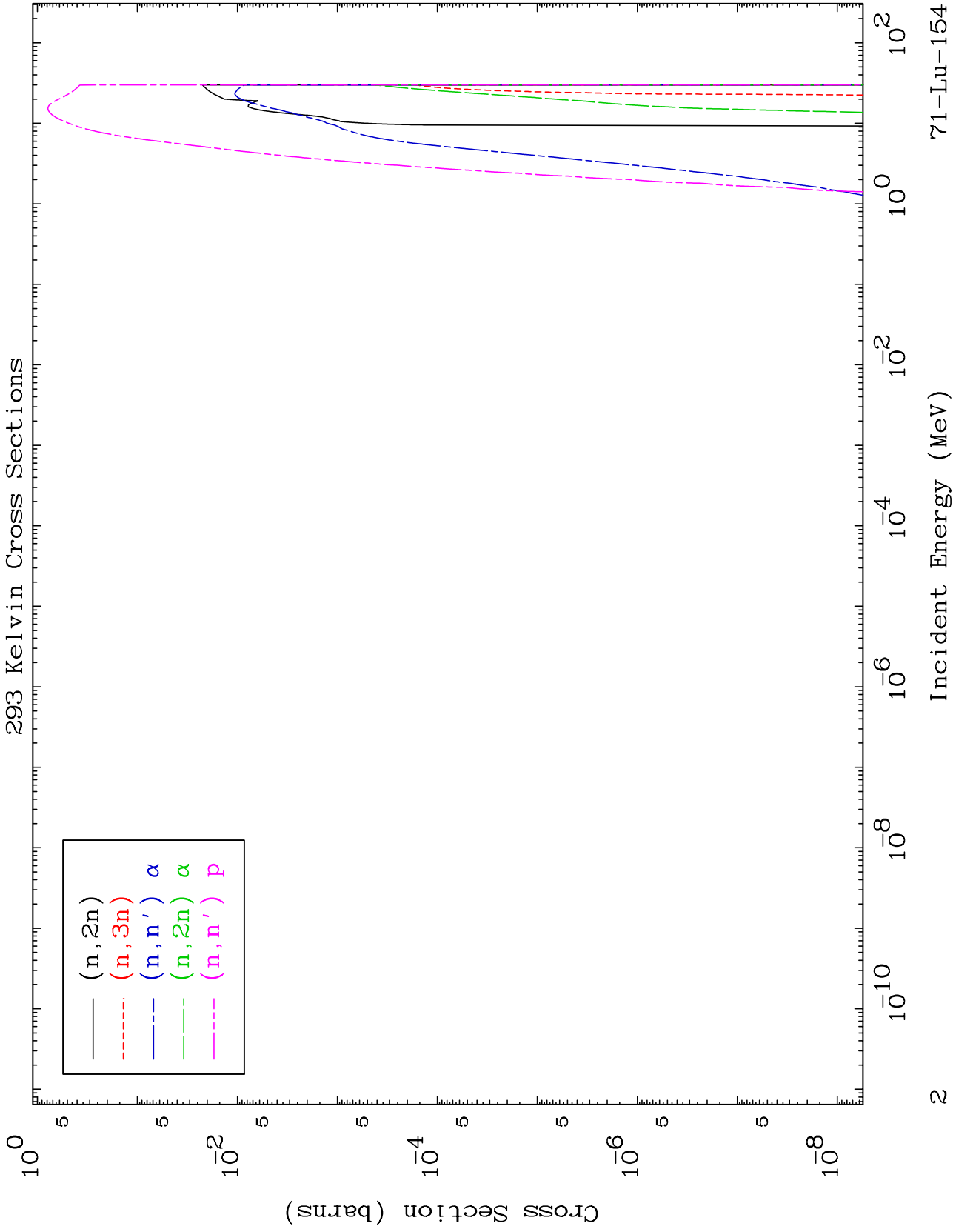
71-Lu-154



MAT 7063

Neutron Production  
293 Kelvin Cross Sections

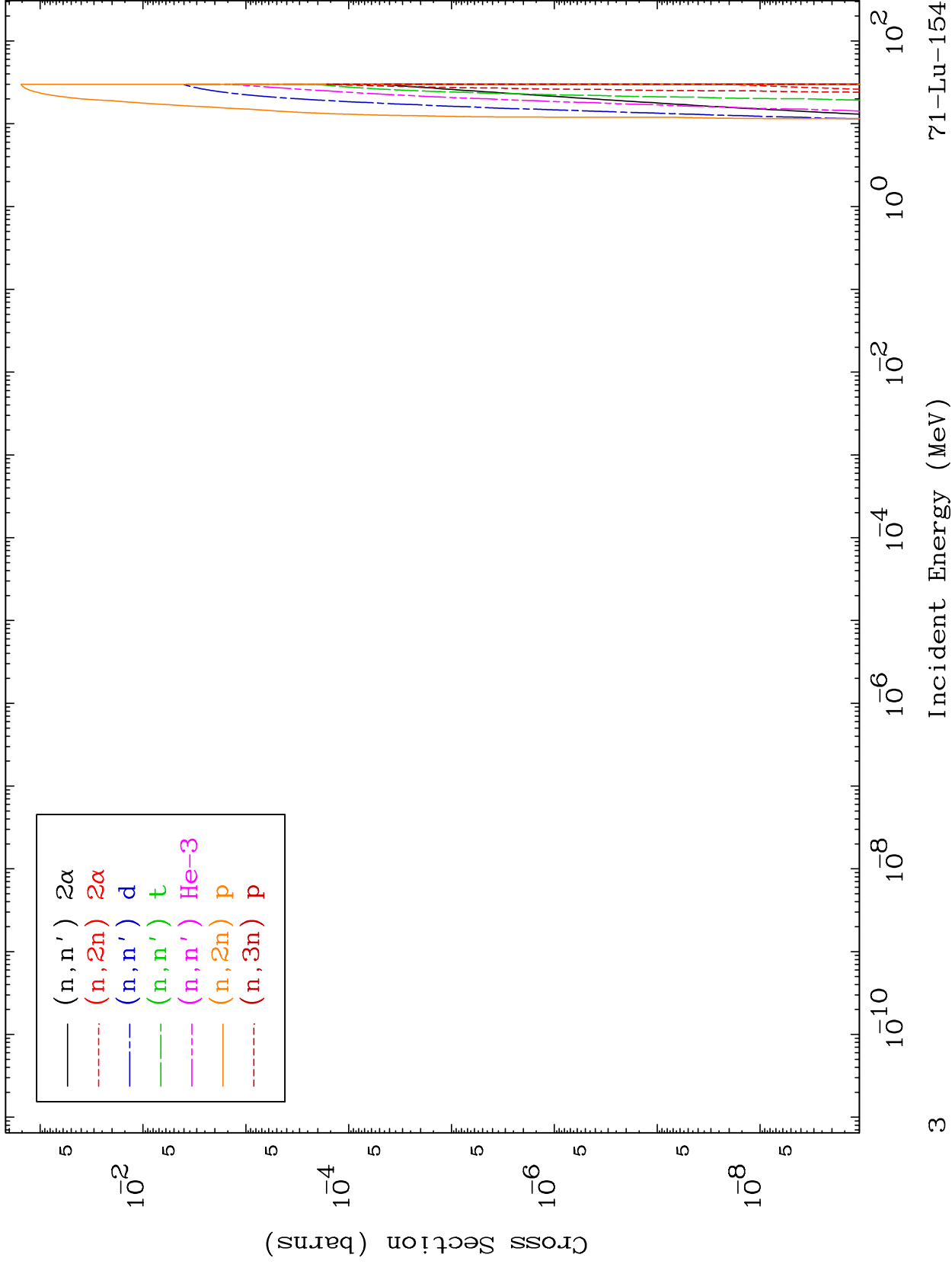
71-Lu-154



MAT 7063

Neutron Production  
293 Kelvin Cross Sections

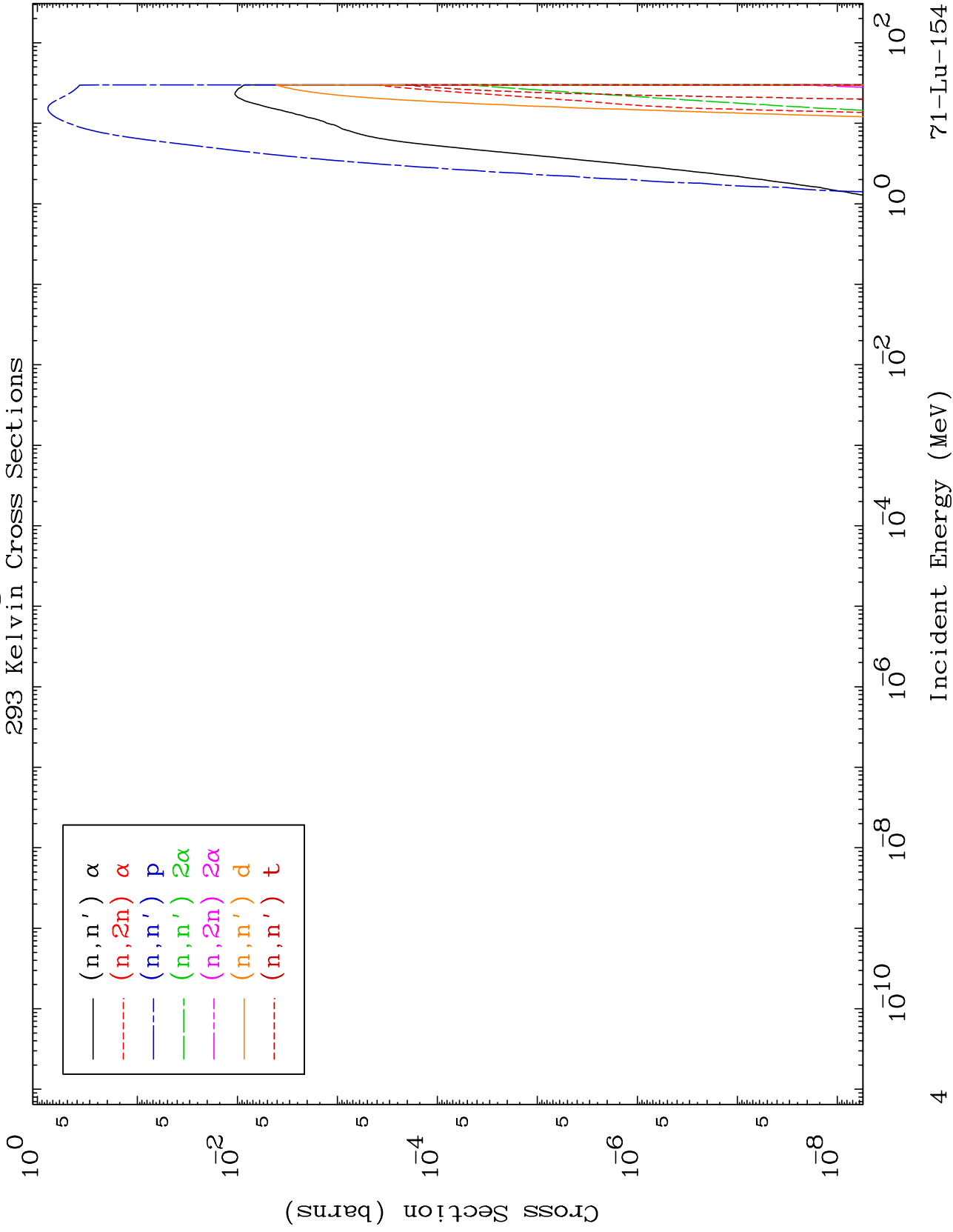
71-Lu-154



MAT 7063

Charged Particle  
293 Kelvin Cross Sections

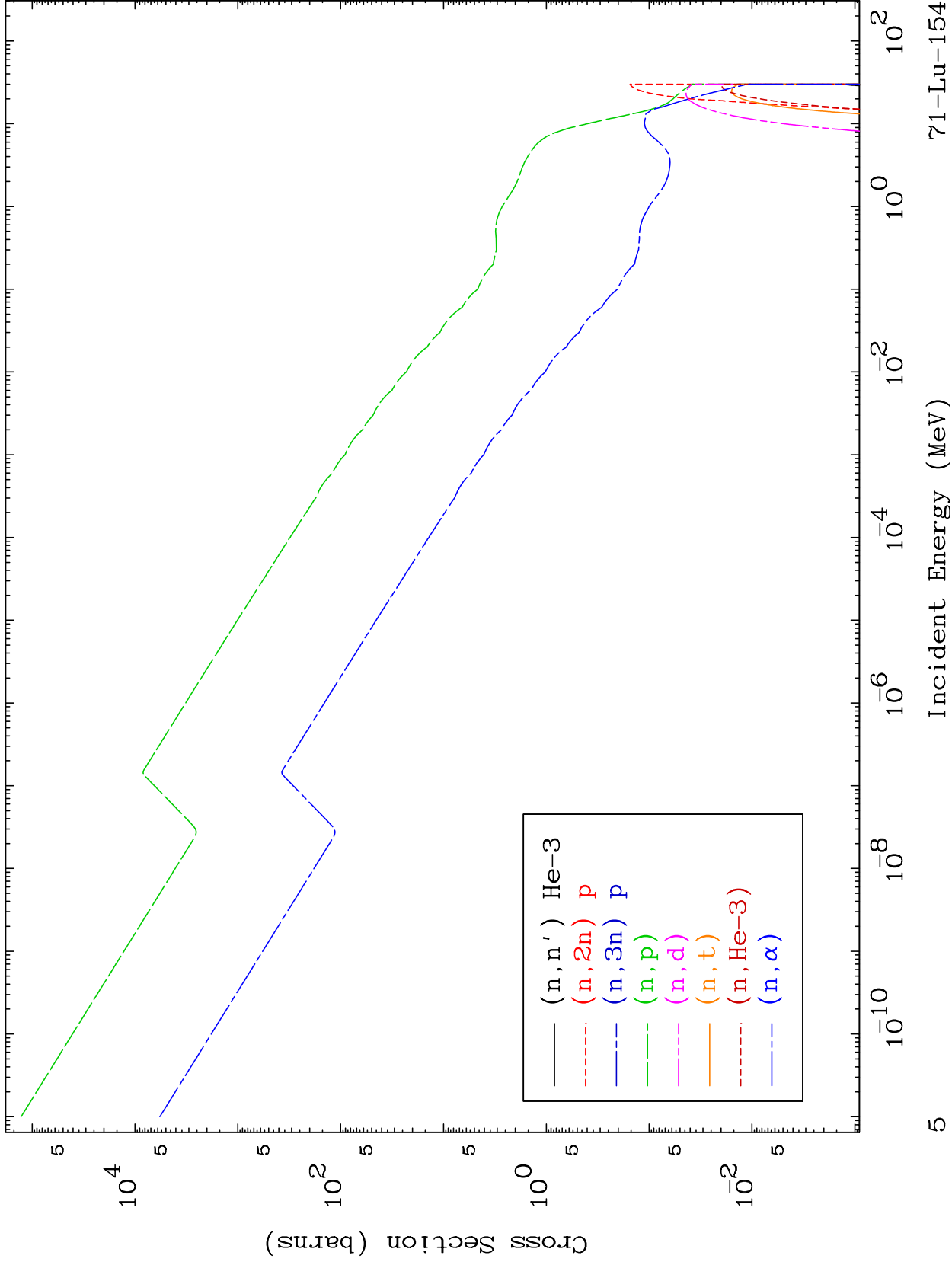
71-Lu-154



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Charged Particle  
293 Kelvin Cross Sections

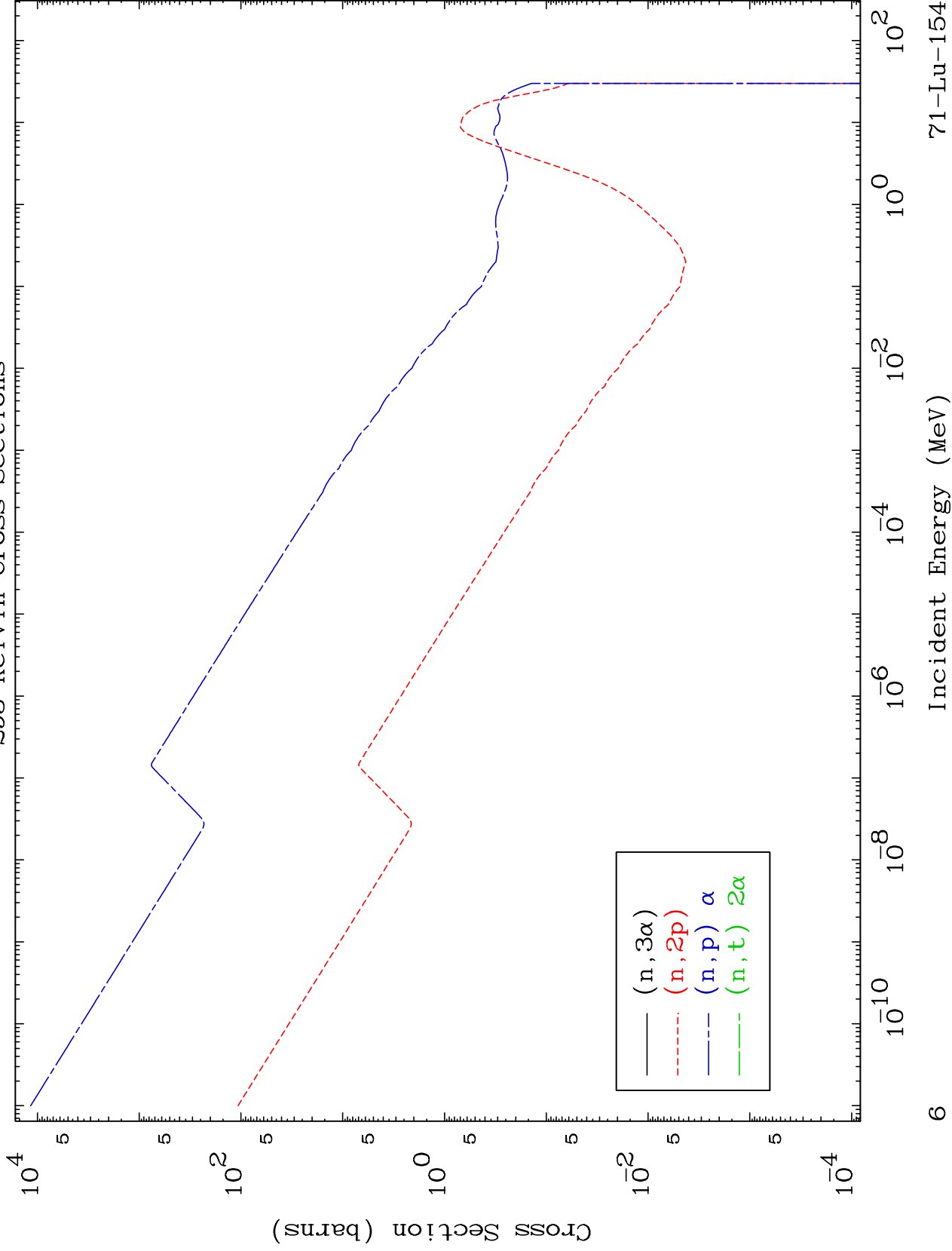
71-Lu-154



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Charged Particle  
293 Kelvin Cross Sections

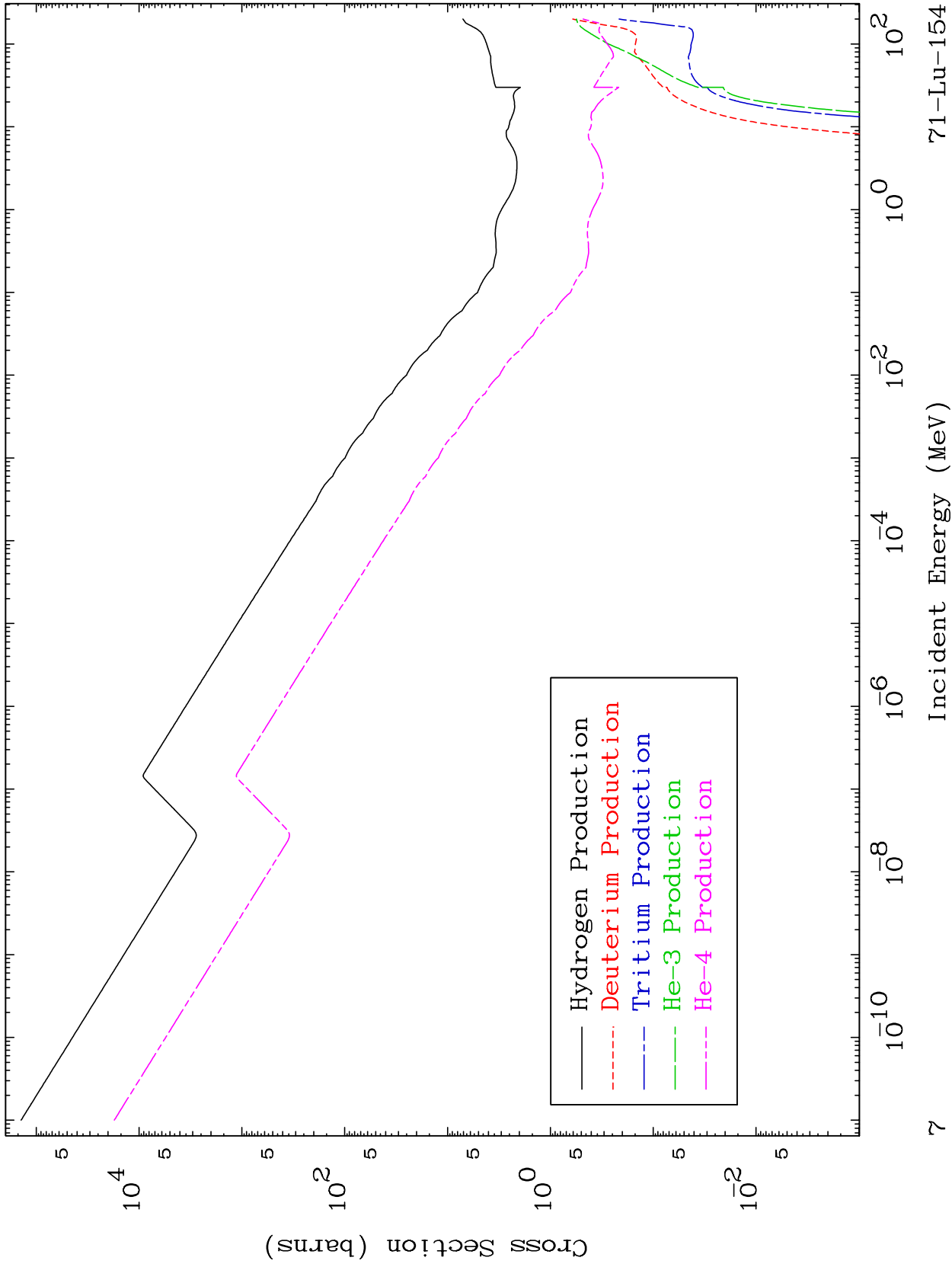
71-Lu-154



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Particle Production  
293 Kelvin Cross Sections

71-Lu-154

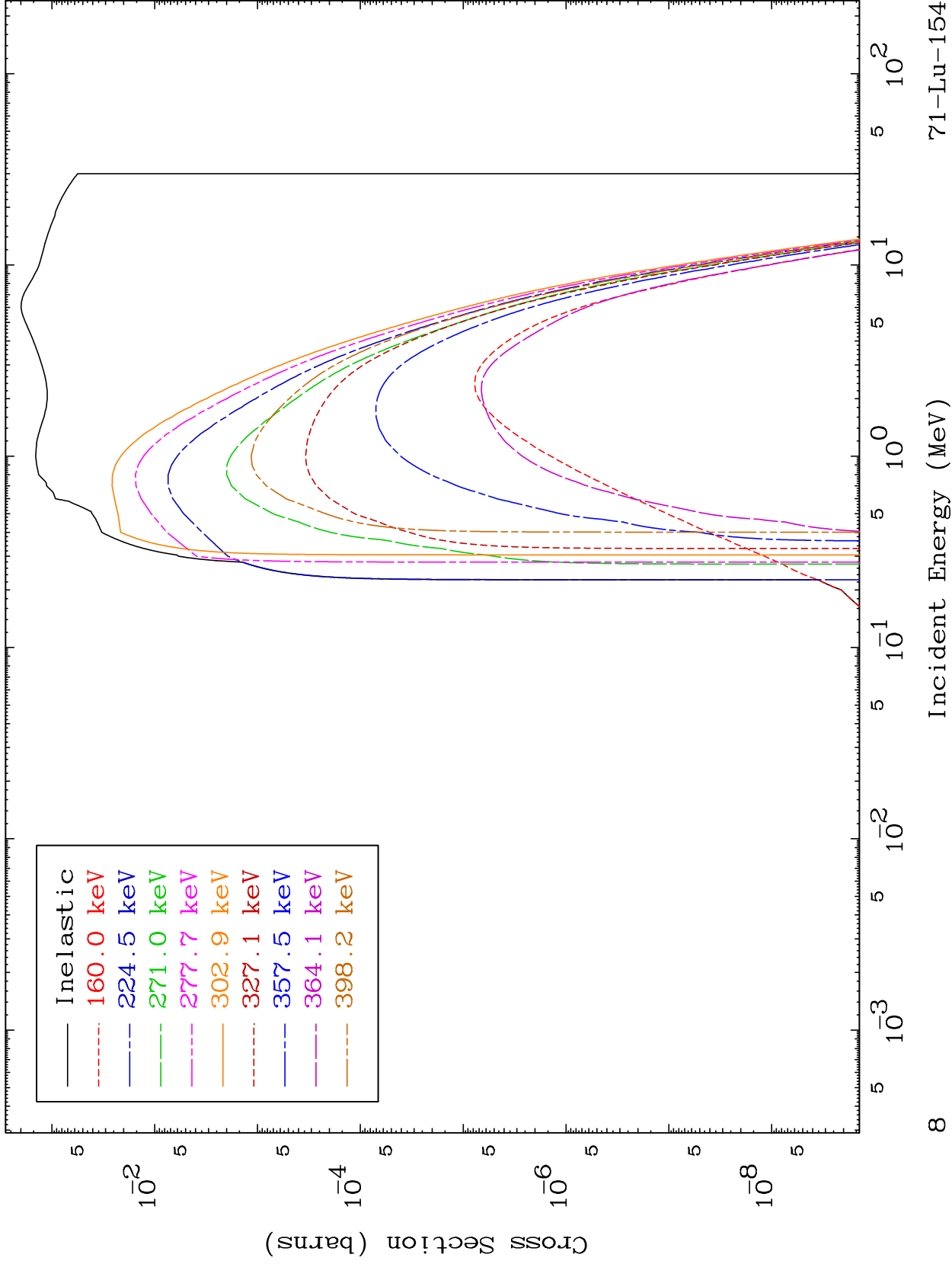




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(n,n') Level  
293 Kelvin Cross Sections

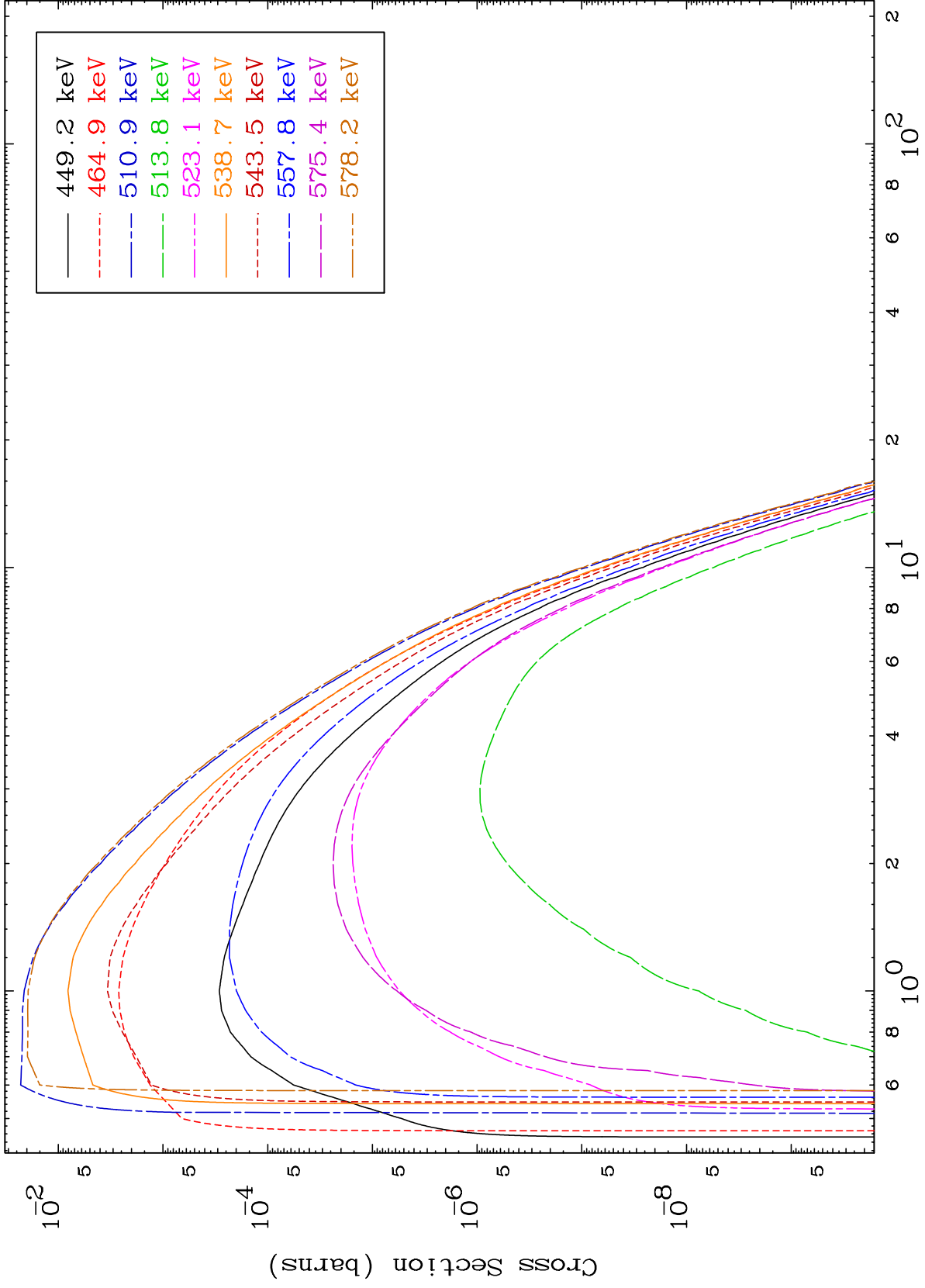
71-Lu-154



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(n,n') Level  
293 Kelvin Cross Sections

71-Lu-154



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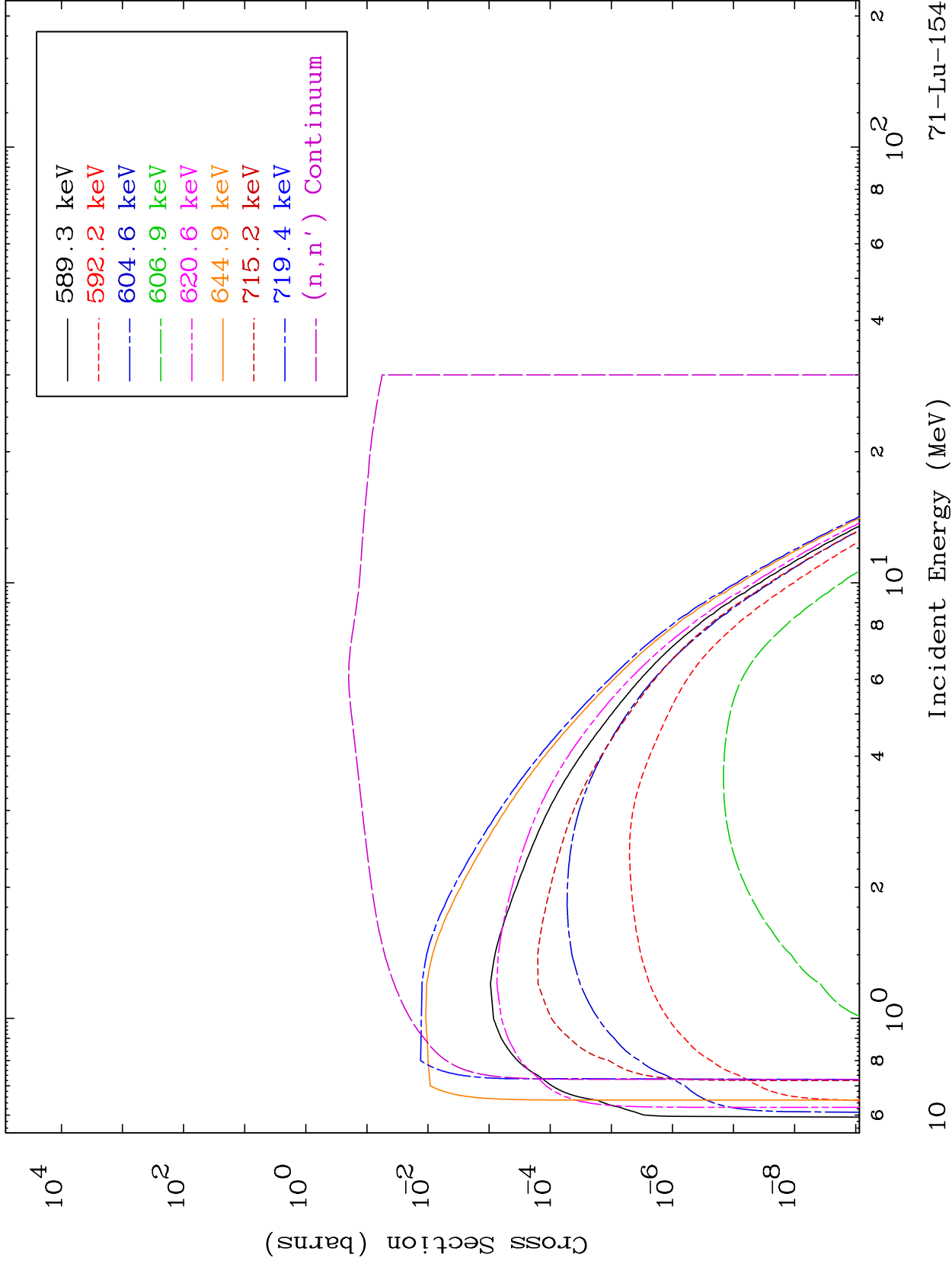
Incident Energy (MeV)

71-Lu-154

MAT 7063

(n,n') Level  
293 Kelvin Cross Sections

71-Lu-154



71-Lu-154

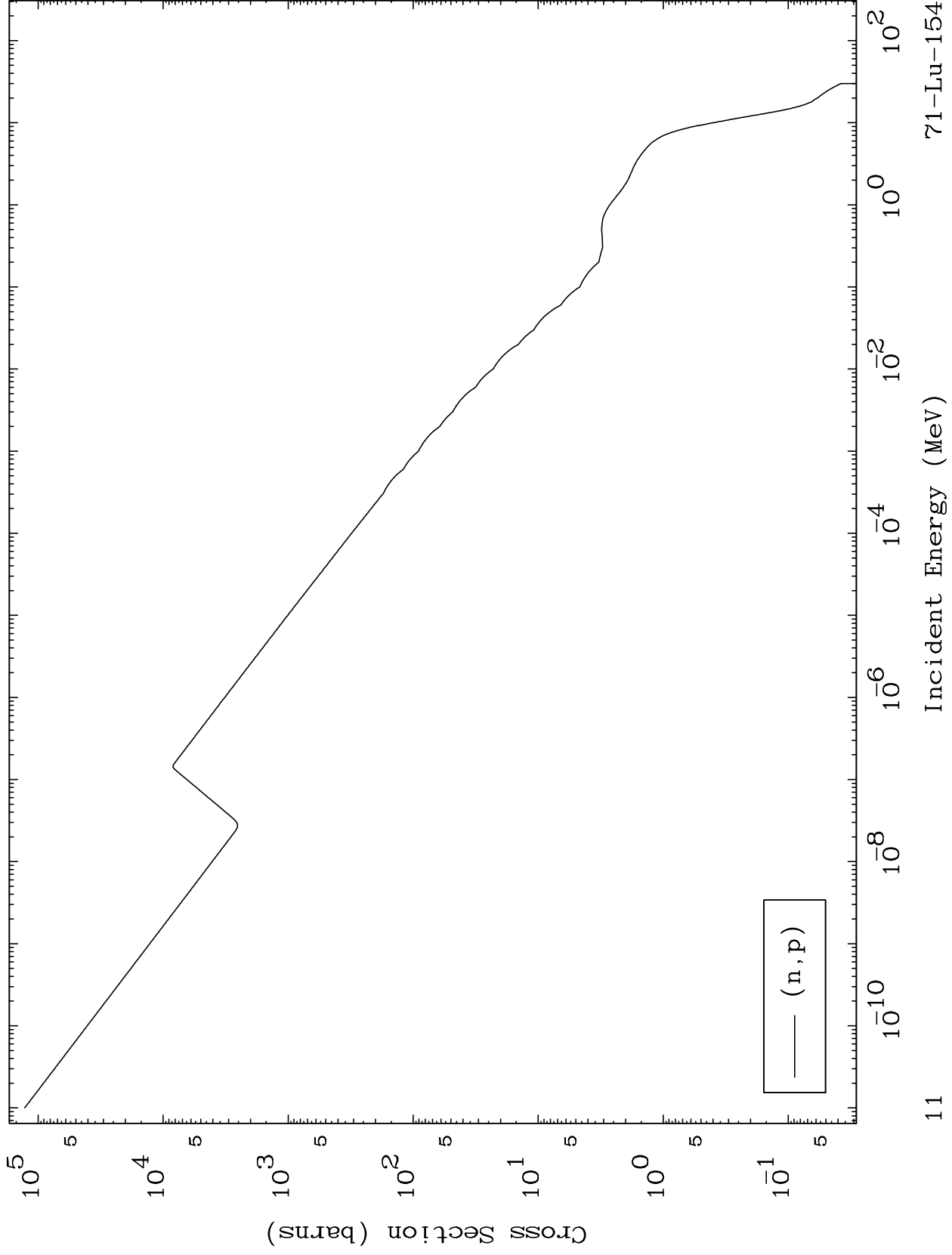
Incident Energy (MeV)

10

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(n,p) Levels  
293 Kelvin Cross Sections

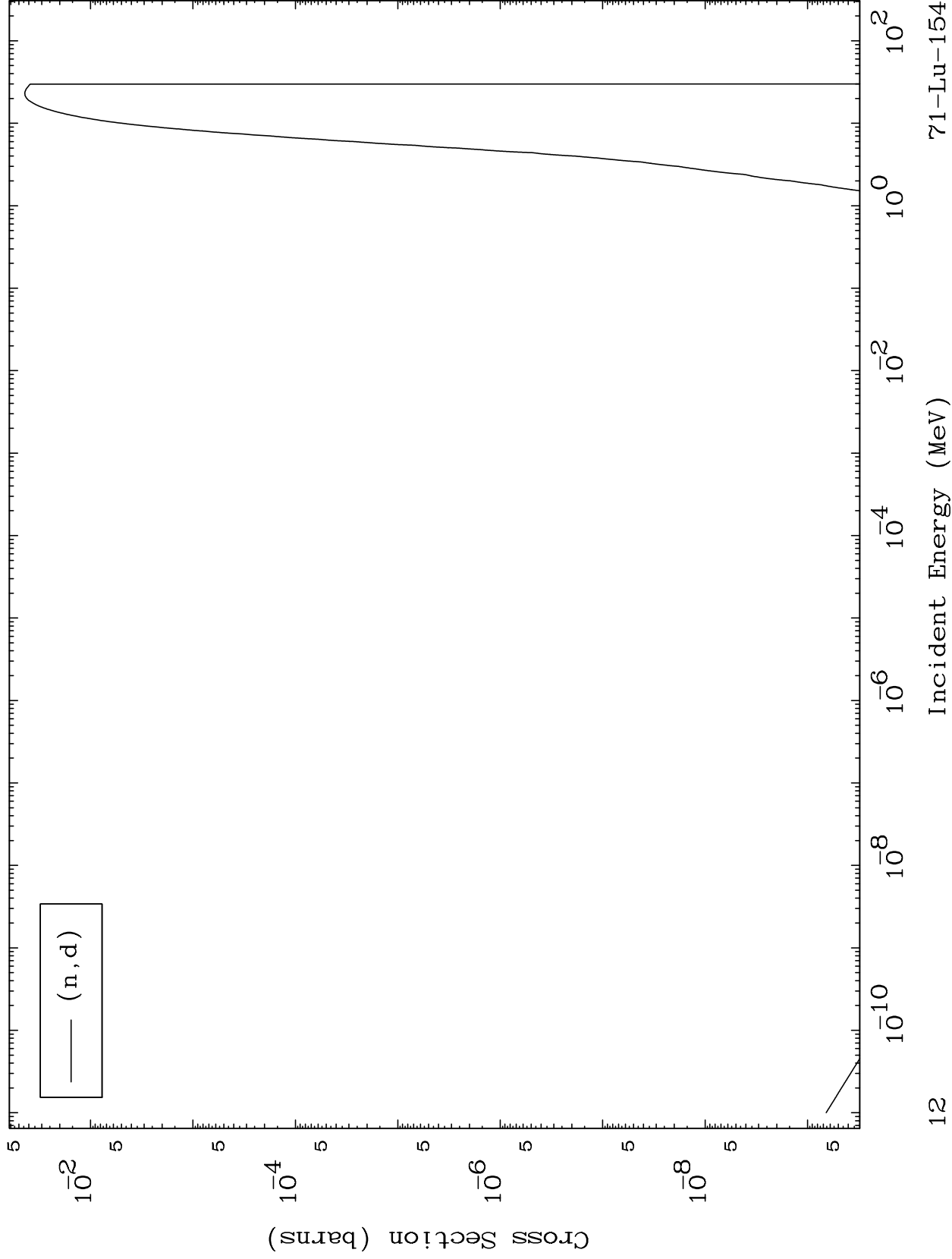
71-Lu-154



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(n,d) Levels  
293 Kelvin Cross Sections

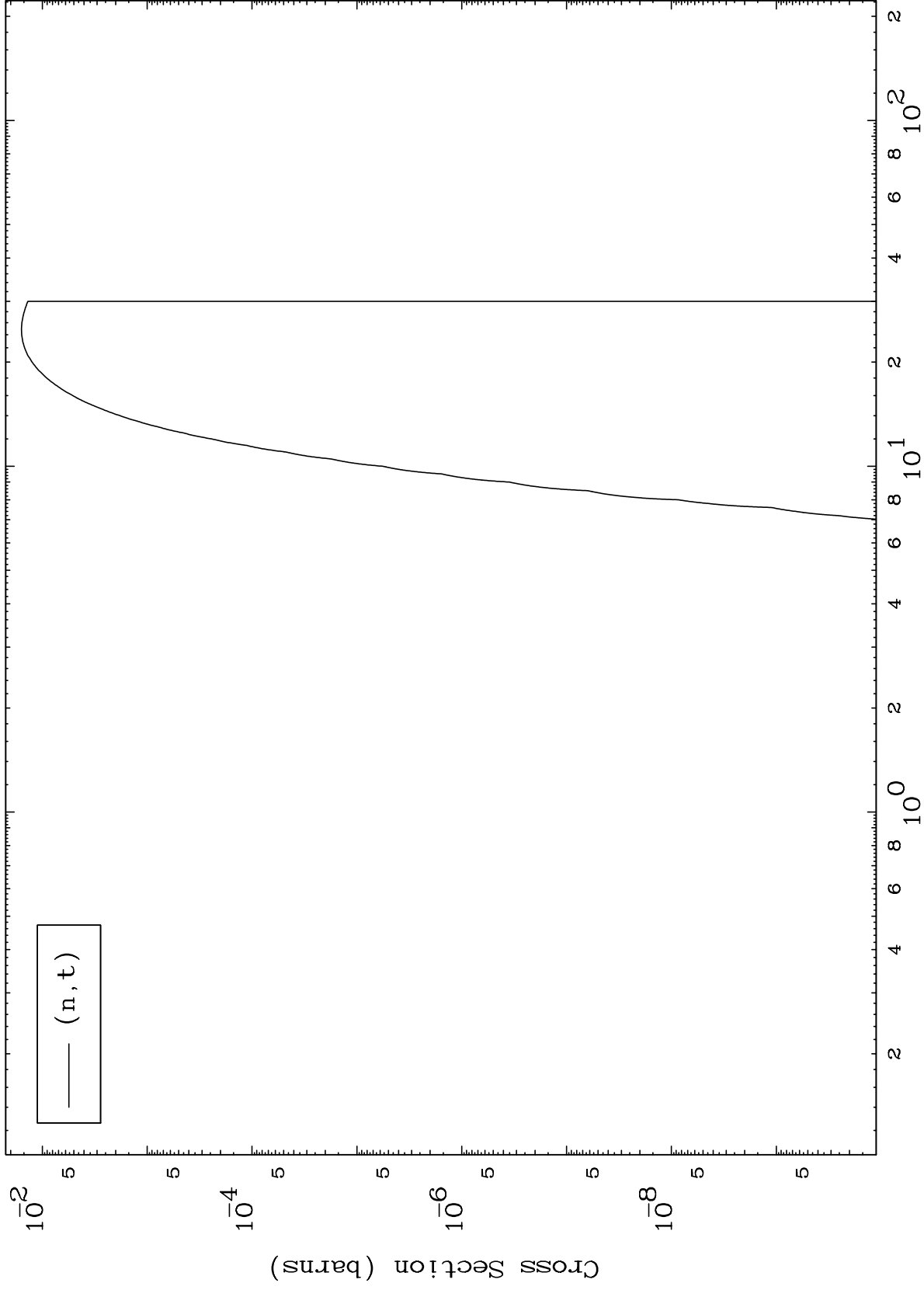
71-Lu-154



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(n,t) Levels  
293 Kelvin Cross Sections

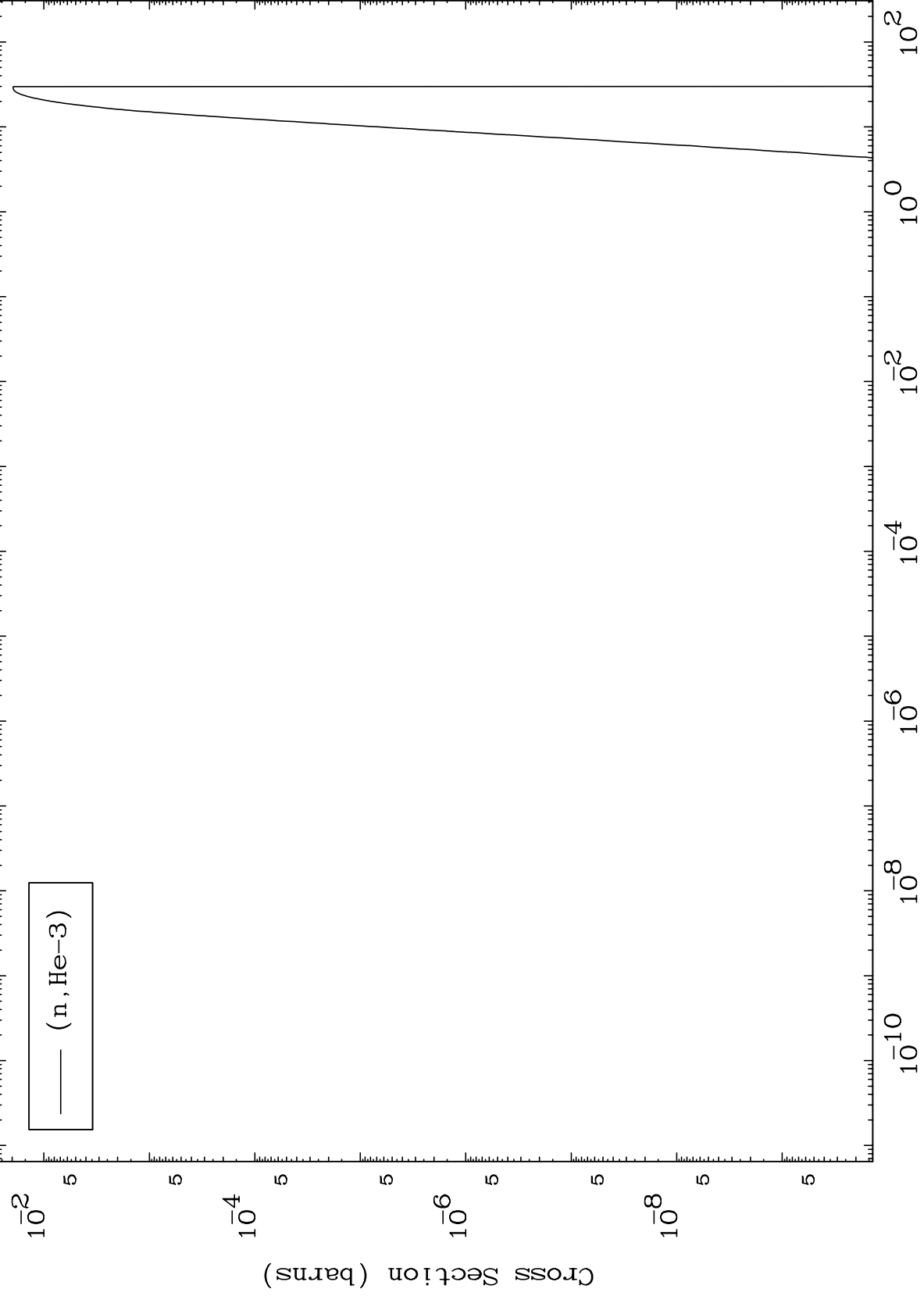
71-Lu-154



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(n,He3) Levels  
293 Kelvin Cross Sections

71-Lu-154



14

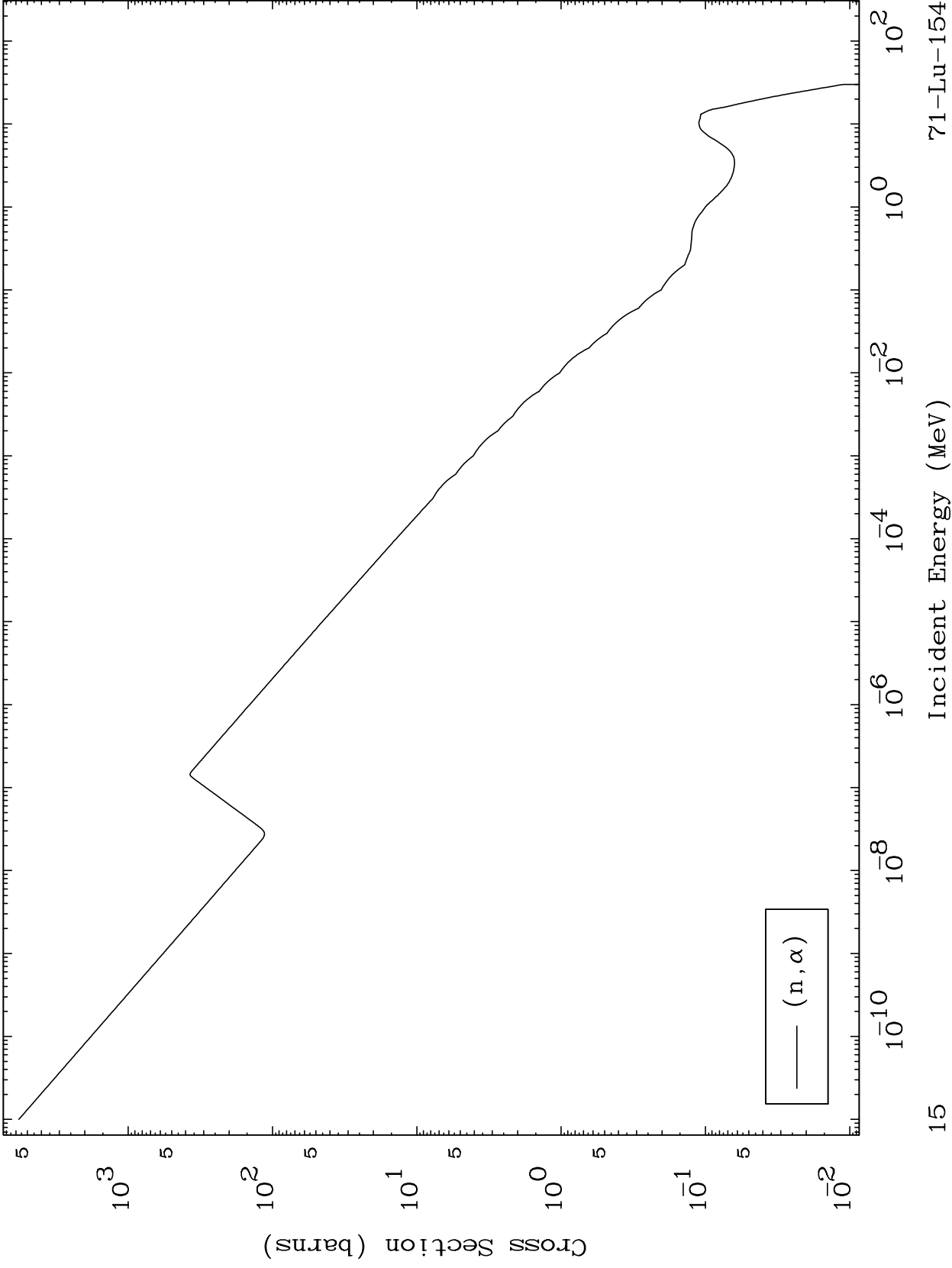
Incident Energy (MeV)

71-Lu-154

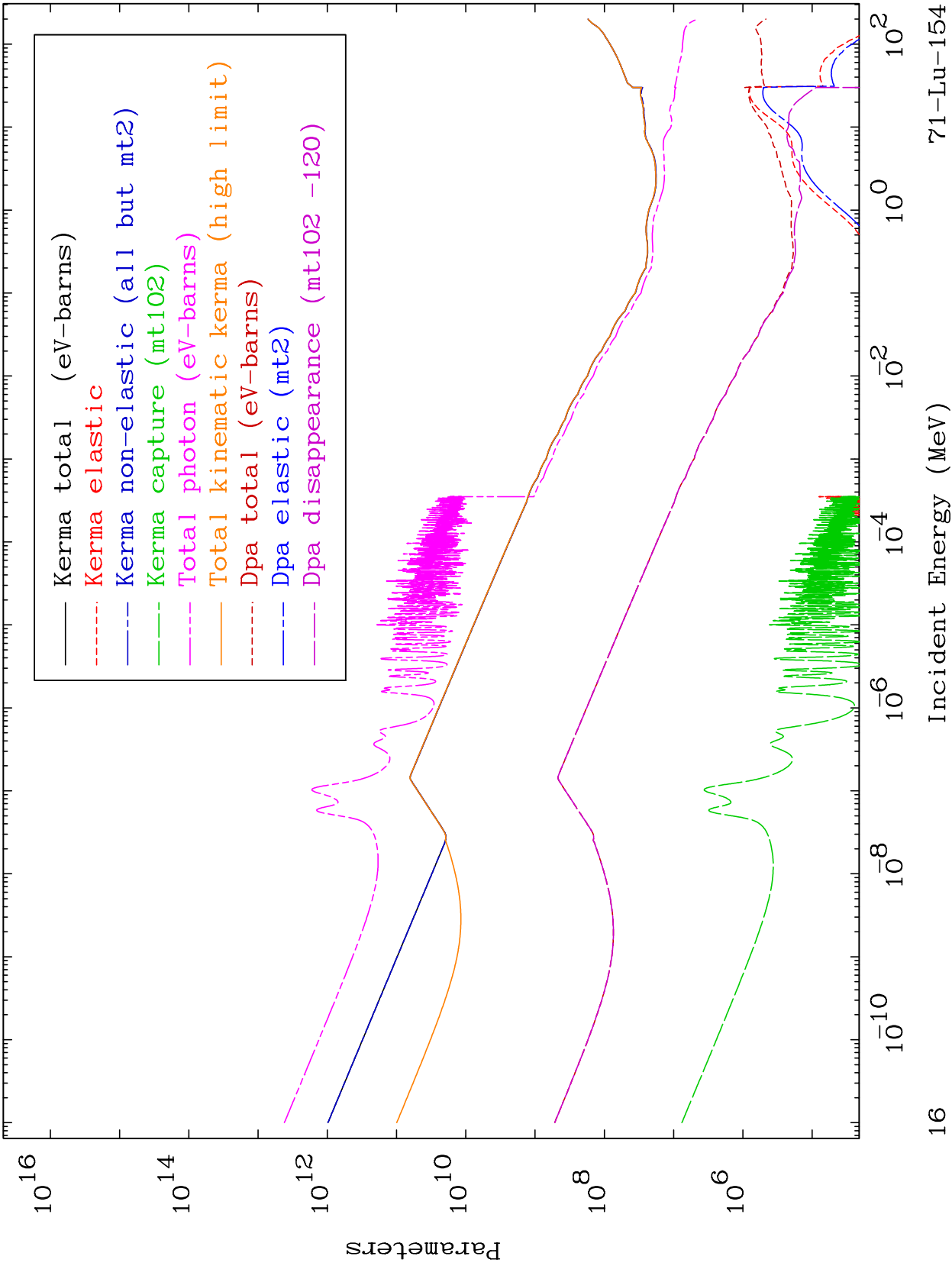
MAT 7063

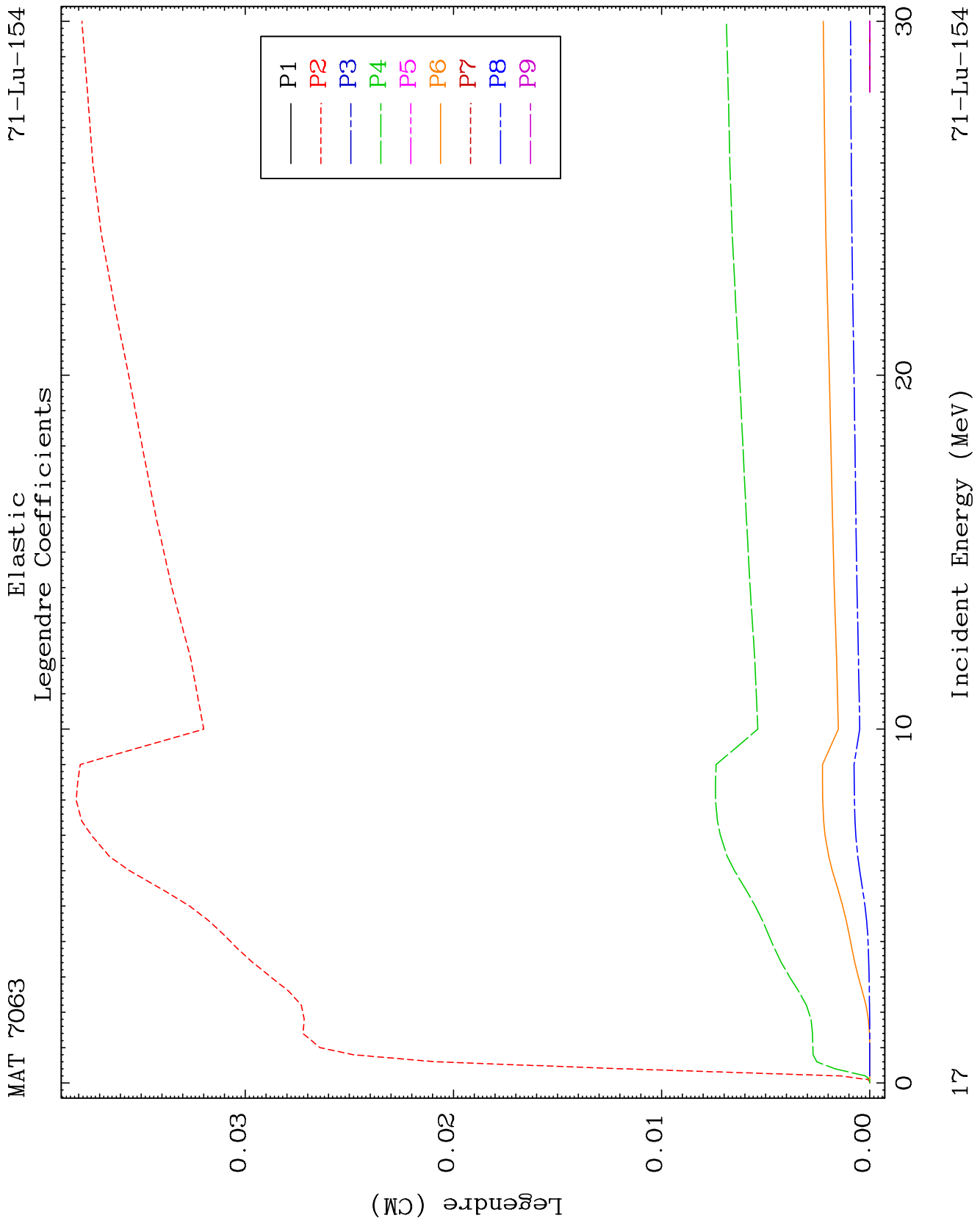
(n,α) Levels  
293 Kelvin Cross Sections

71-Lu-154





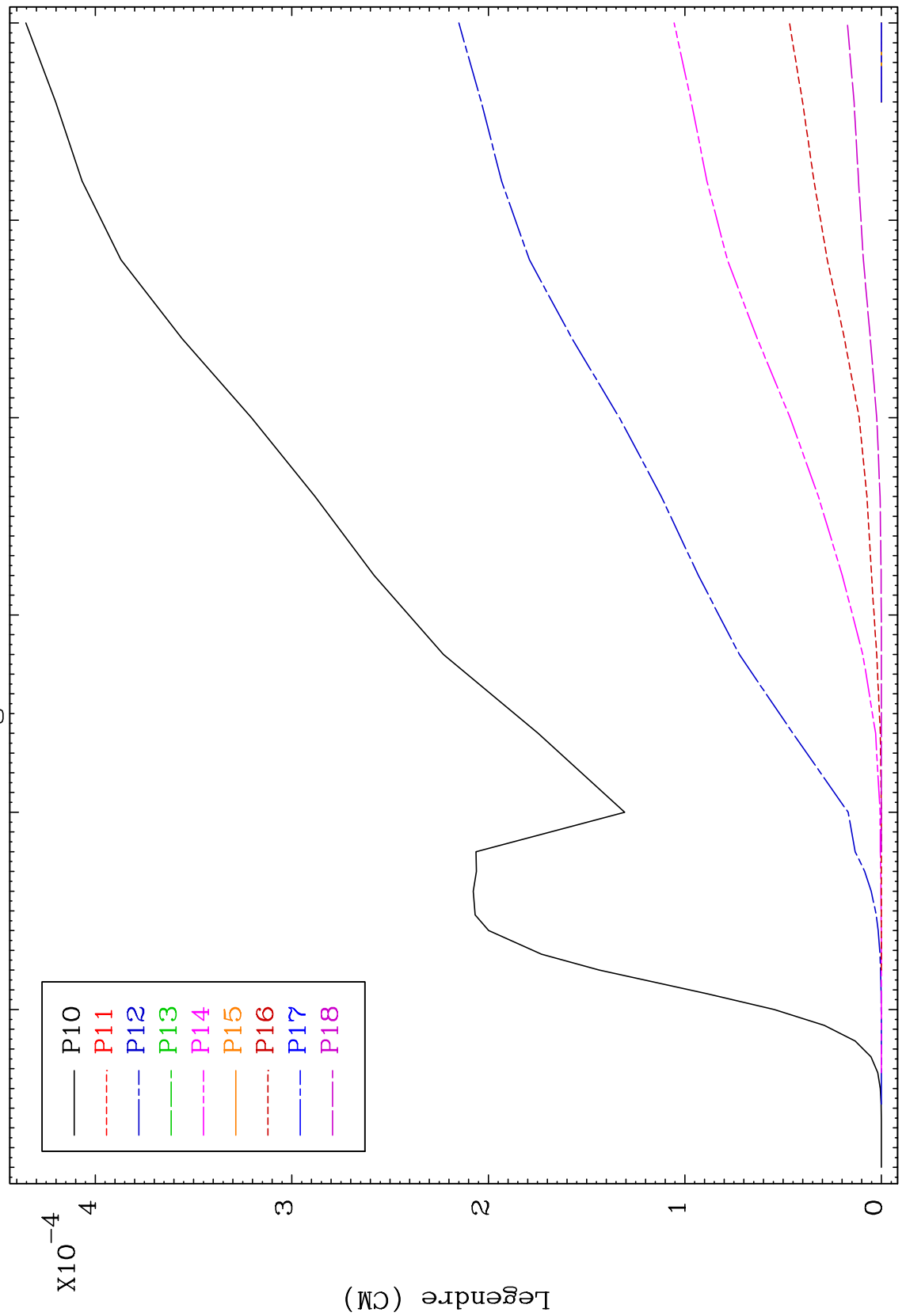




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Elastic Legendre Coefficients

71-Lu-154



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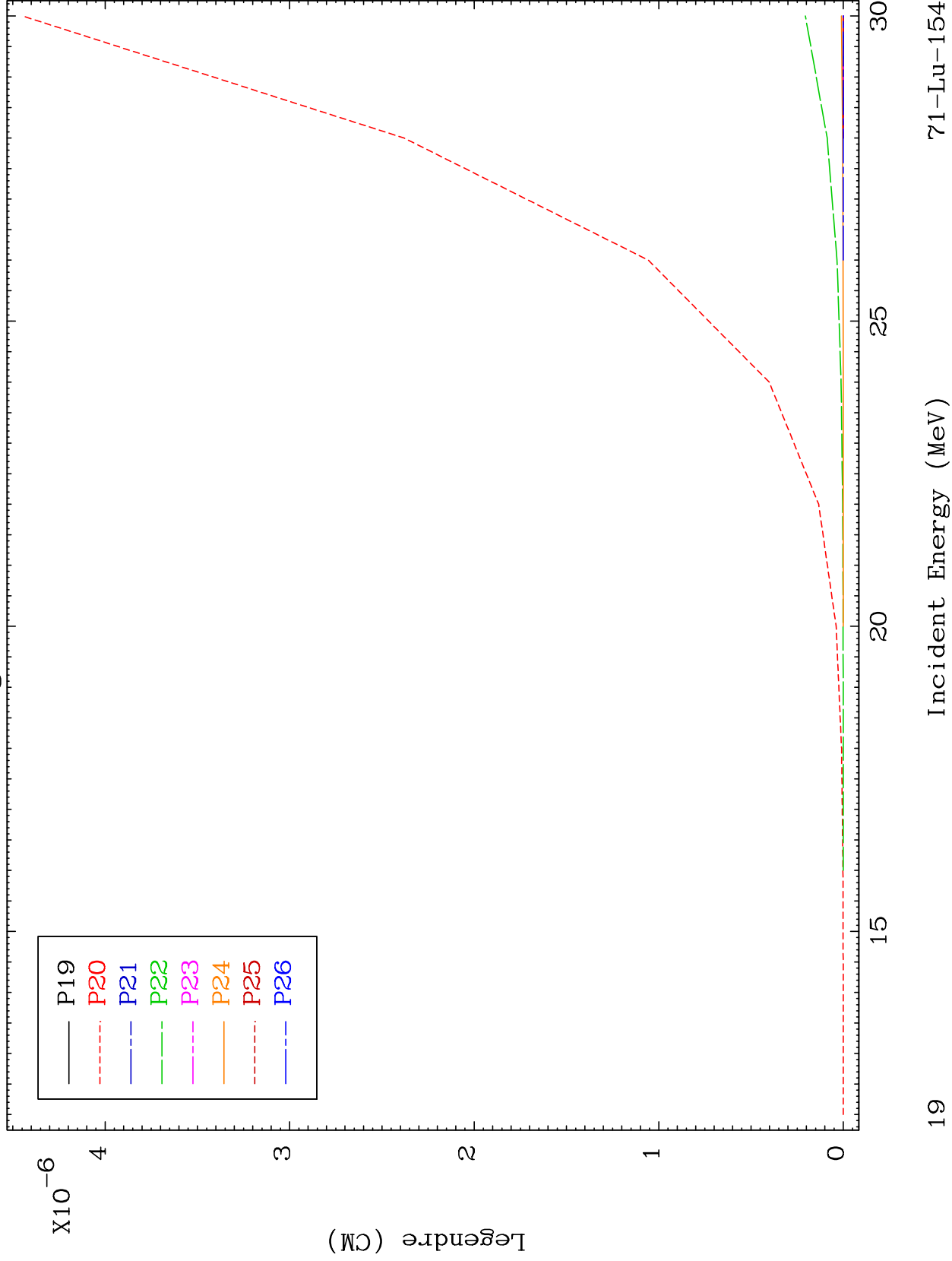
Incident Energy (MeV)

71-Lu-154

MAT 7063

Elastic  
Legendre Coefficients

71-Lu-154



19

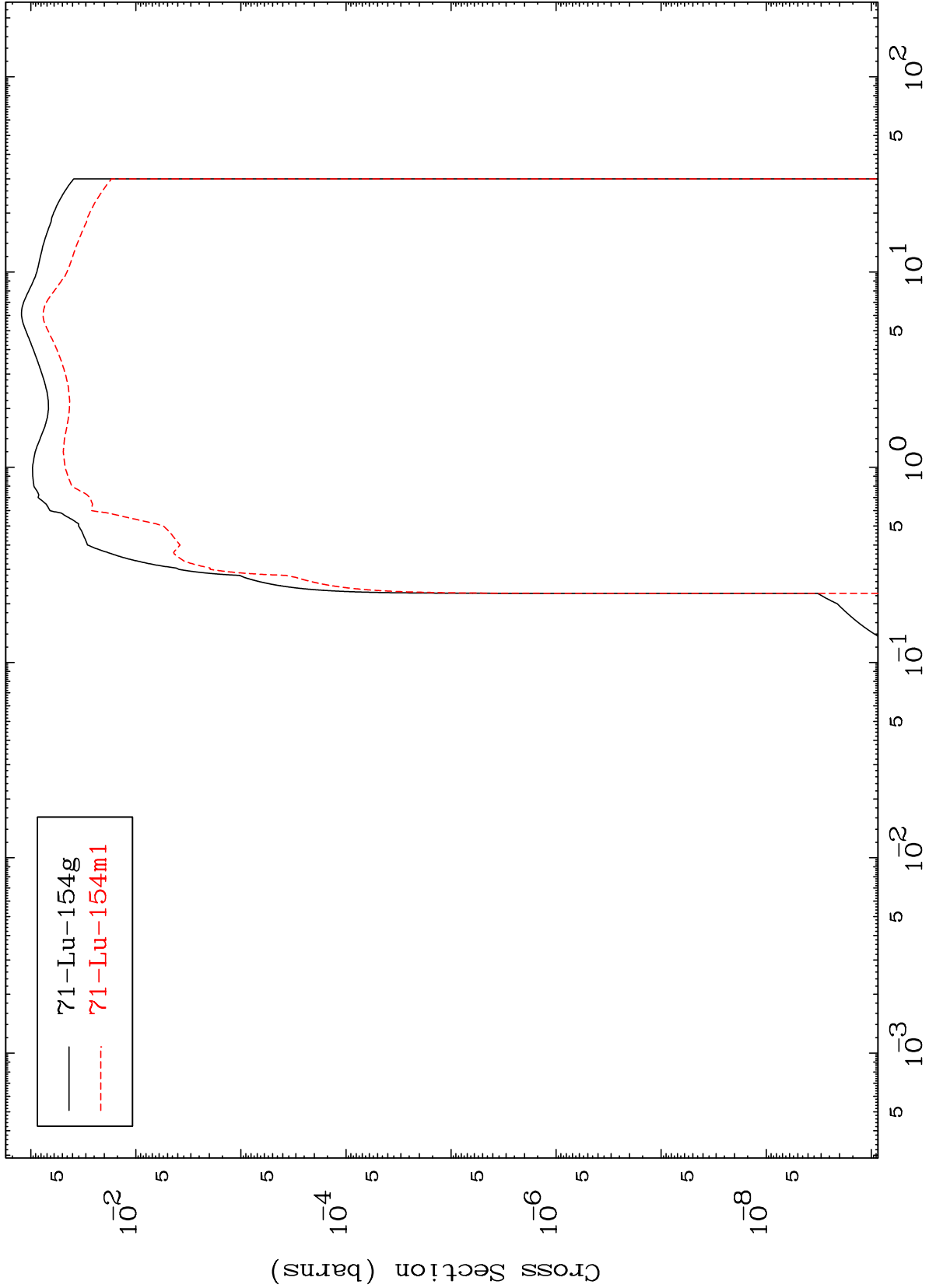
Incident Energy (MeV)

71-Lu-154

MAT 7063

71-Lu-154

Radionuclide Production Cross Section



71-Lu-154g  
71-Lu-154m1

71-Lu-154

Incident Energy (MeV)

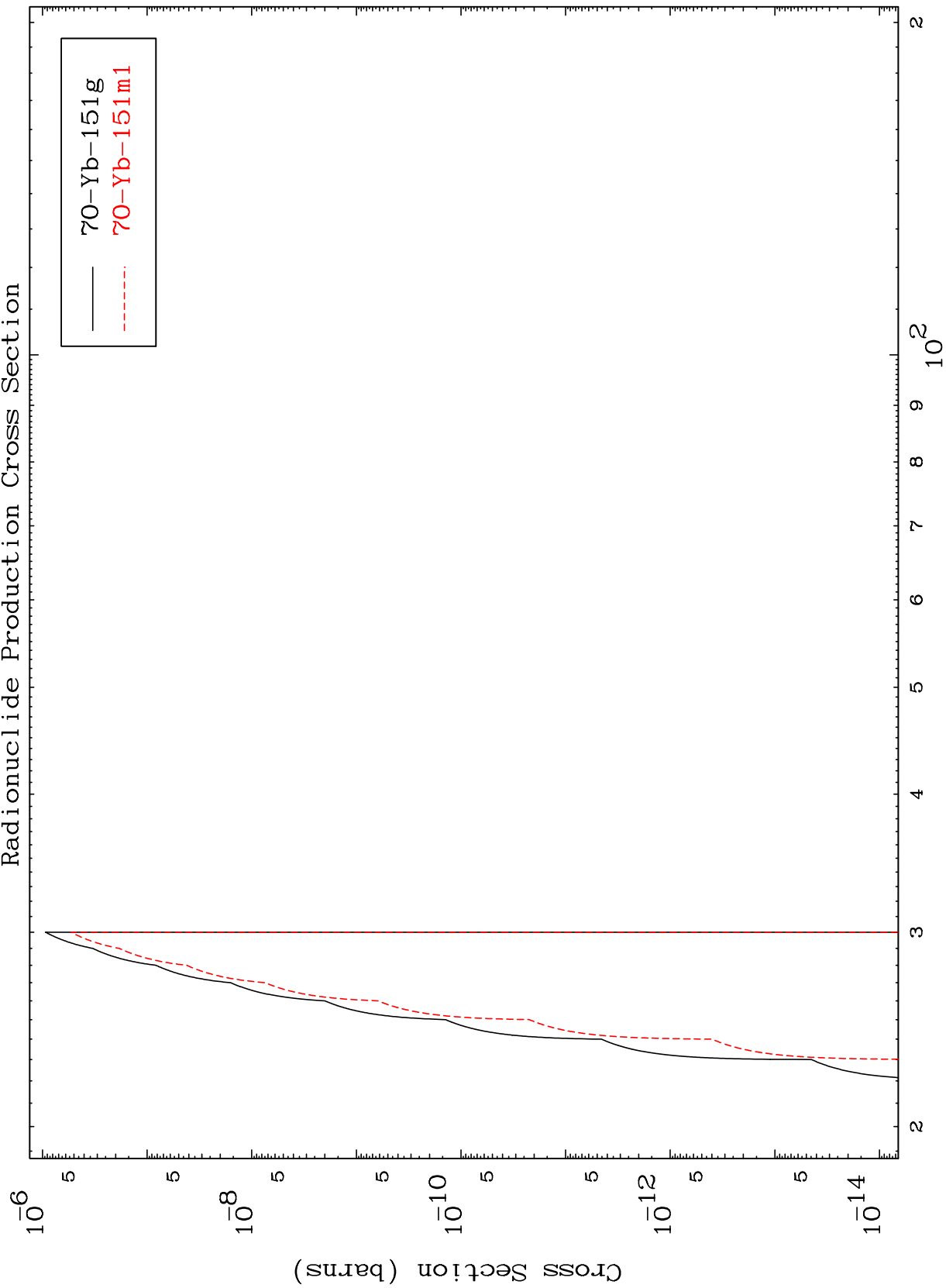
20

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(n,2n) d

71-Lu-154

Radionuclide Production Cross Section



21

Incident Energy (MeV)

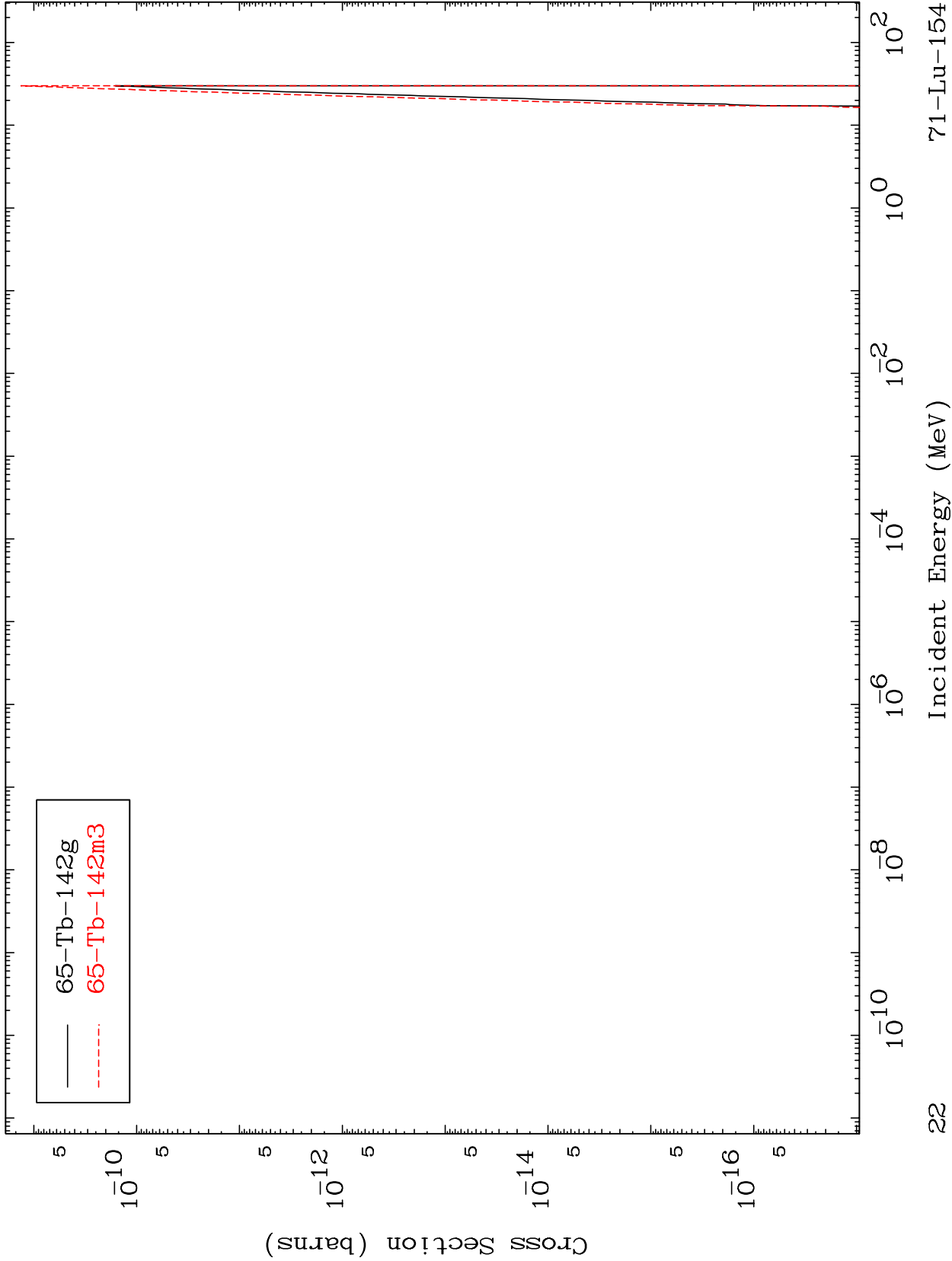
71-Lu-154

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(n,n') 3 $\alpha$

71-Lu-154

Radionuclide Production Cross Section

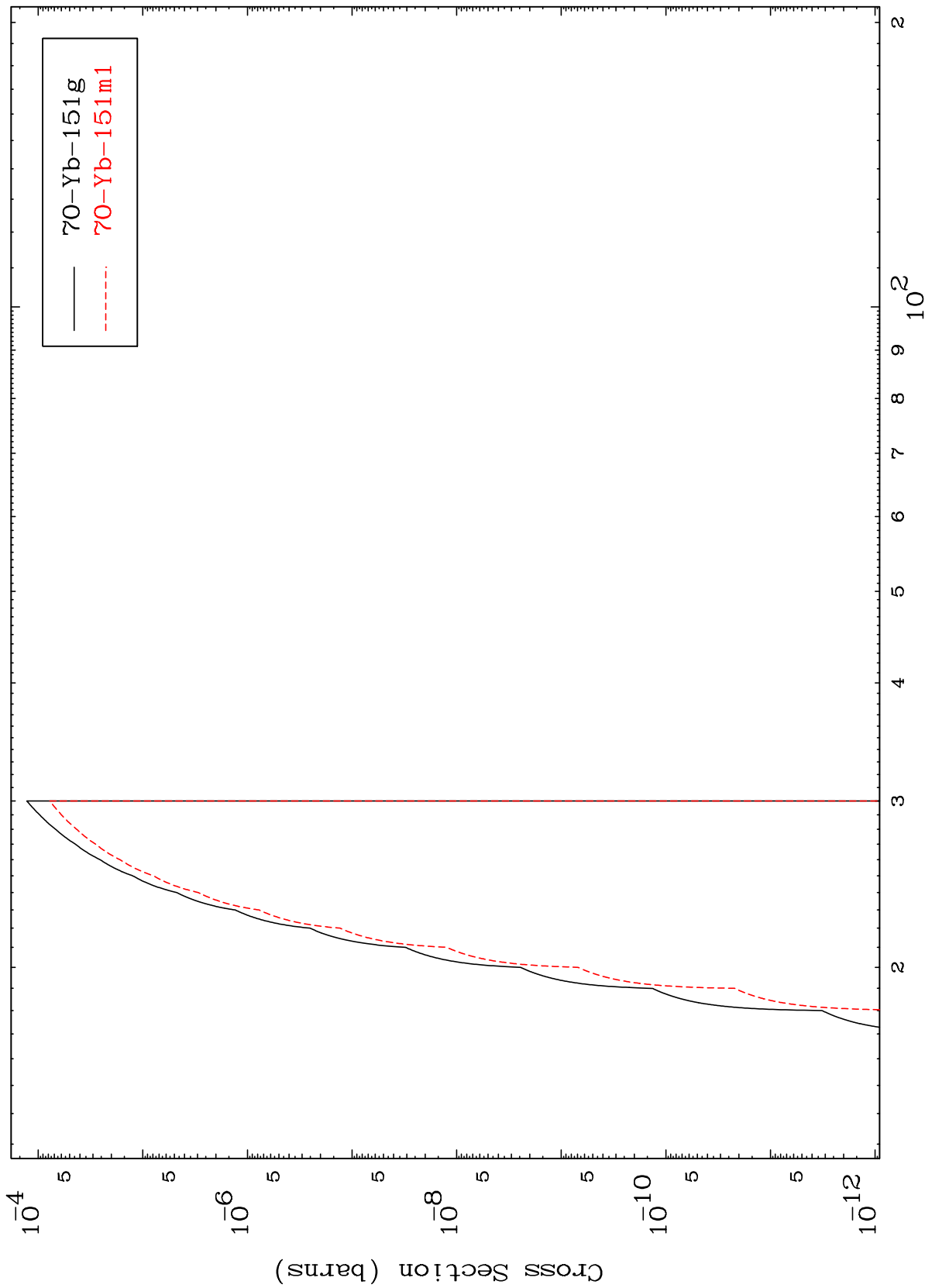


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(n,n') t

71-Lu-154

Radionuclide Production Cross Section



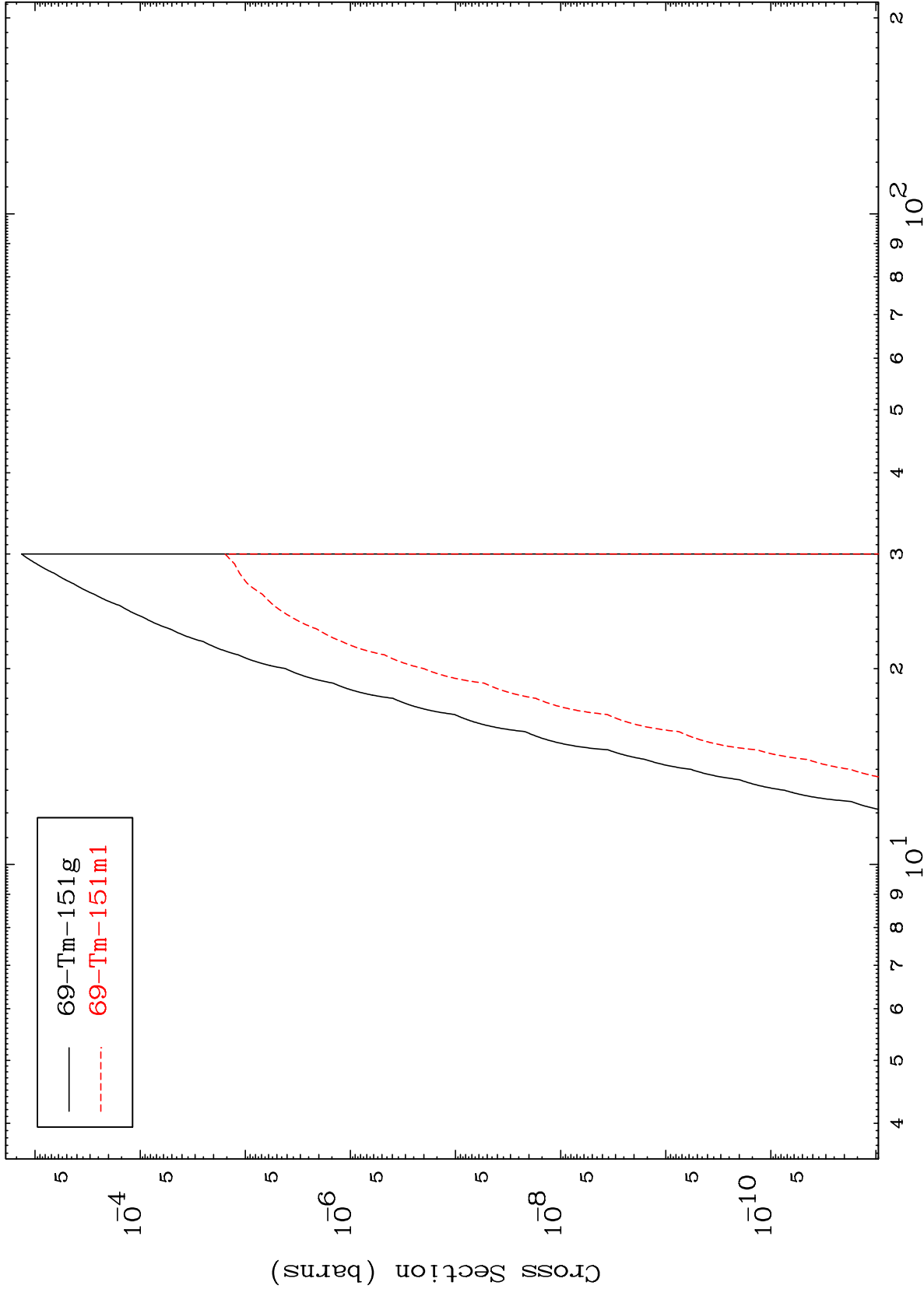


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(n,n') He-3

71-Lu-154

Radionuclide Production Cross Section



24

Incident Energy (MeV)

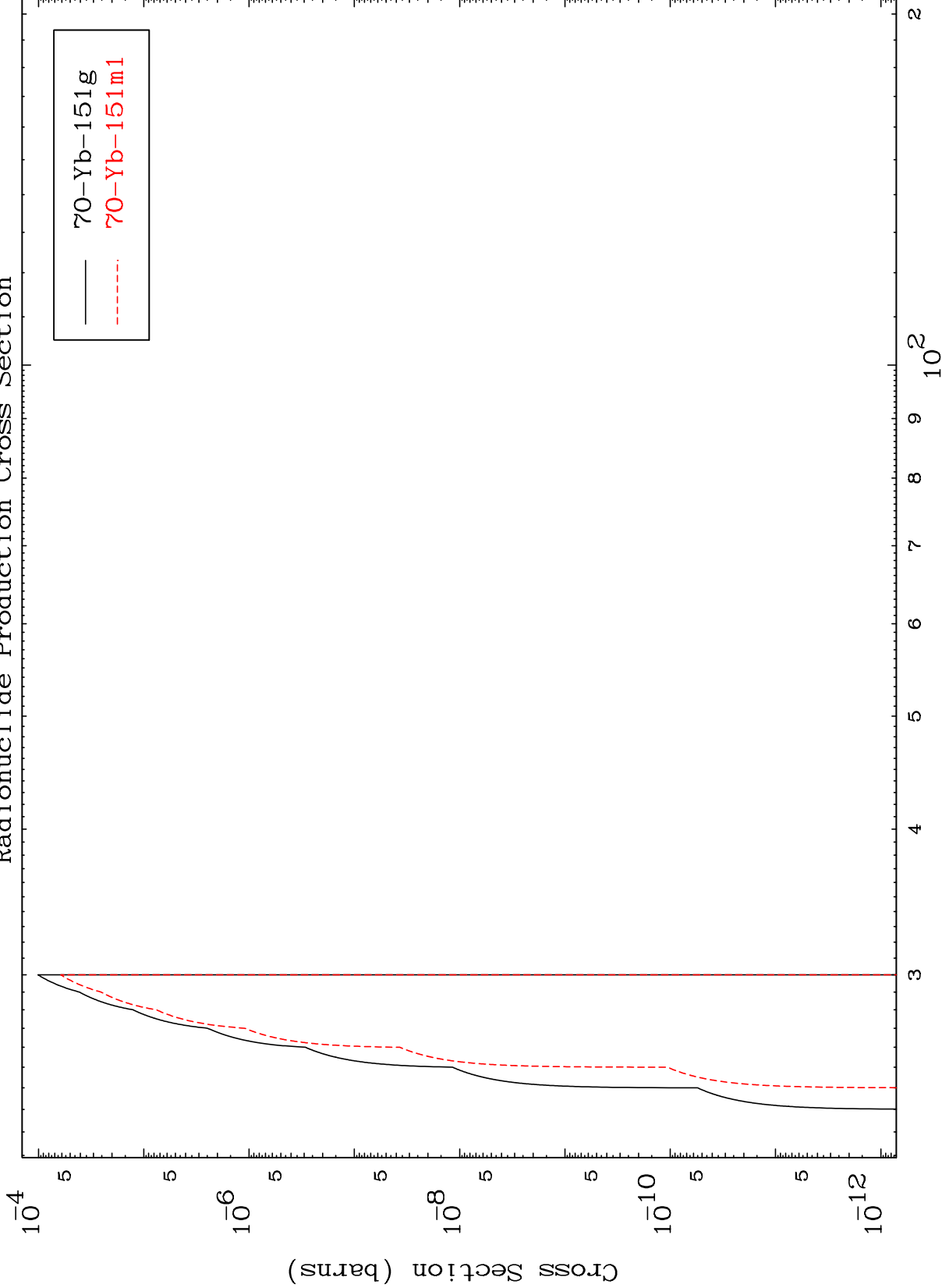
71-Lu-154

MAT 7063

(n,3n) p

71-Lu-154

Radionuclide Production Cross Section



25

Incident Energy (MeV)

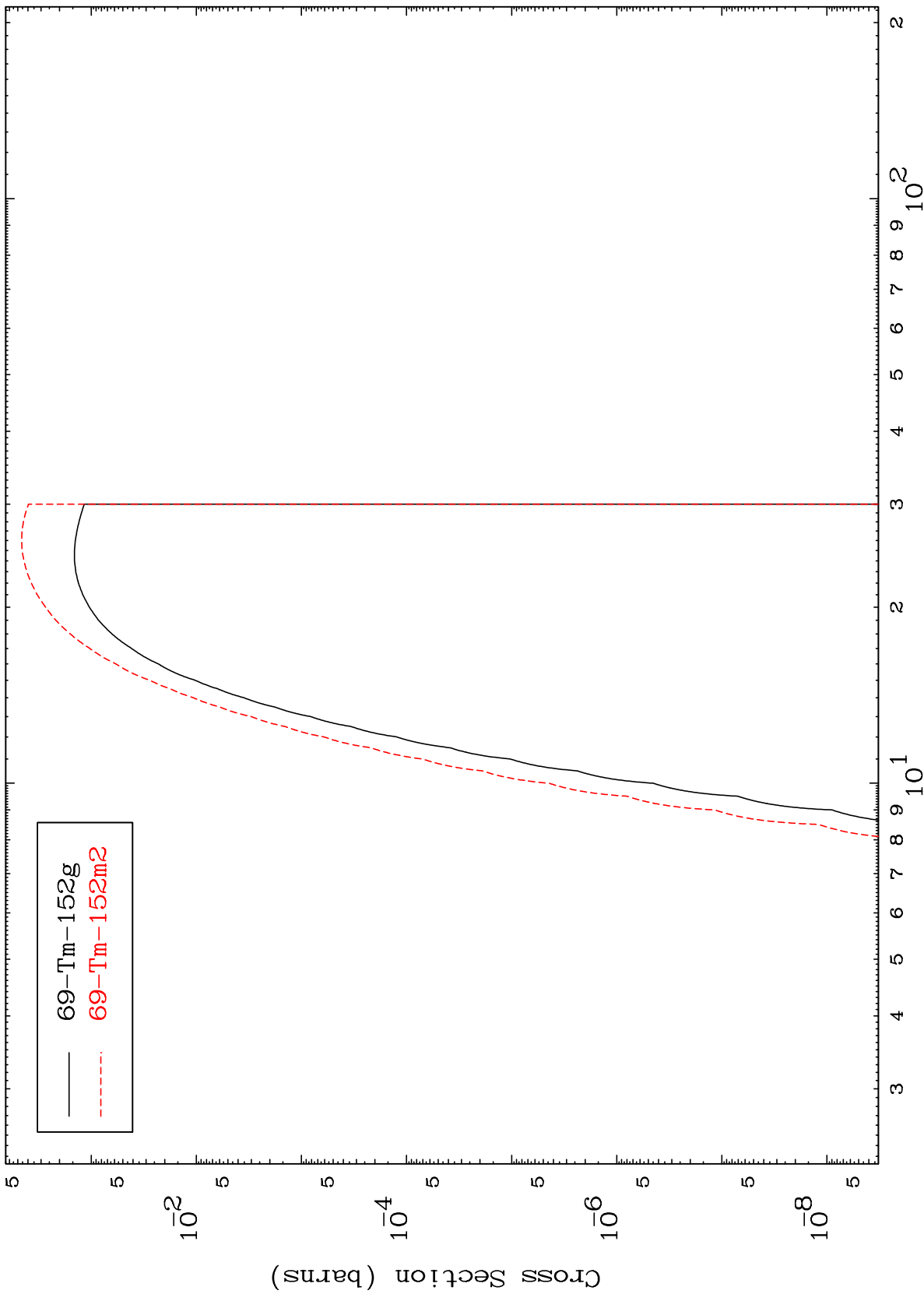
71-Lu-154

MAT 7063

(n,2n) p

71-Lu-154

Radionuclide Production Cross Section



Incident Energy (MeV)

71-Lu-154

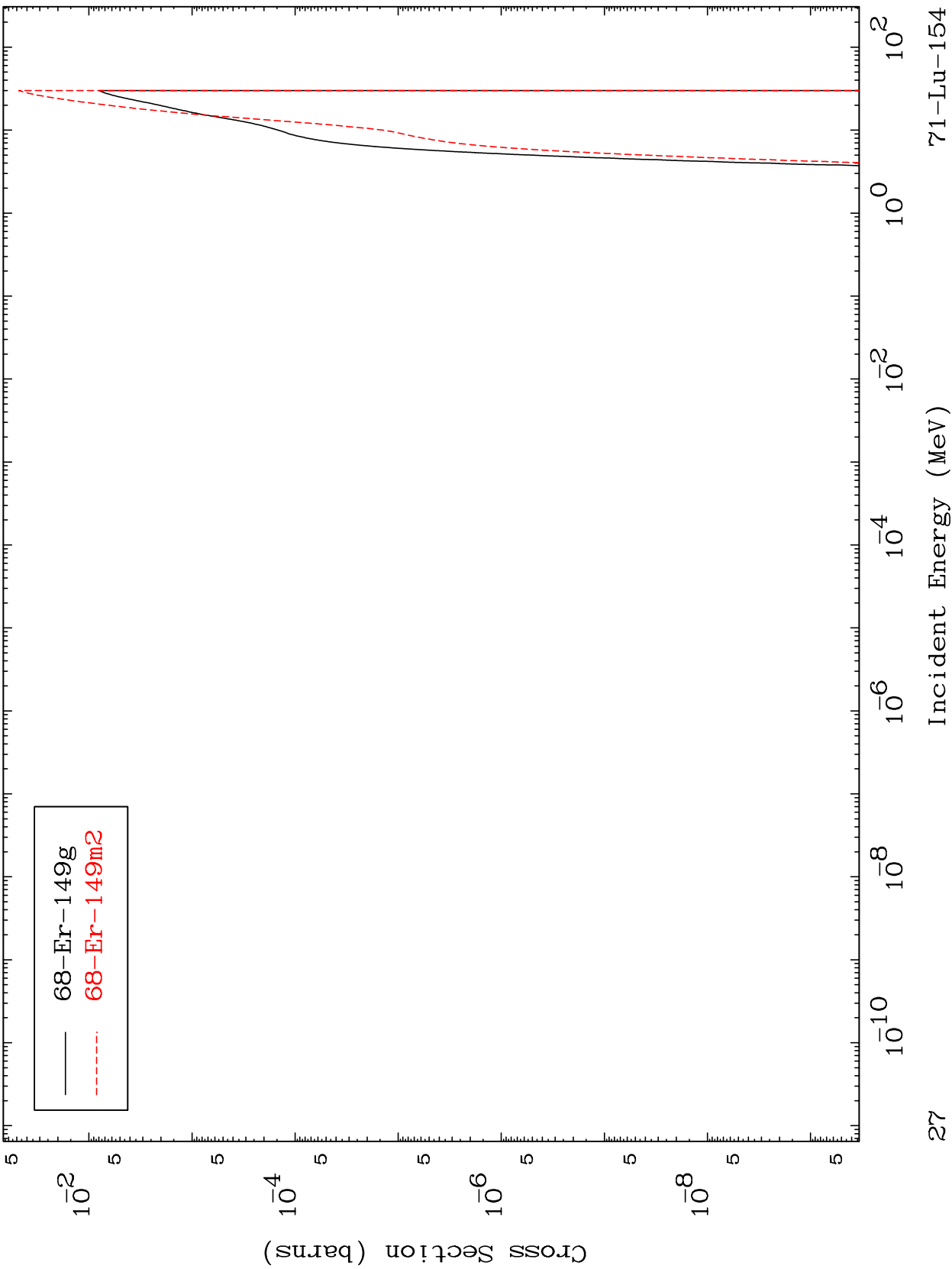
26

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(n,n') p  $\alpha$

71-Lu-154

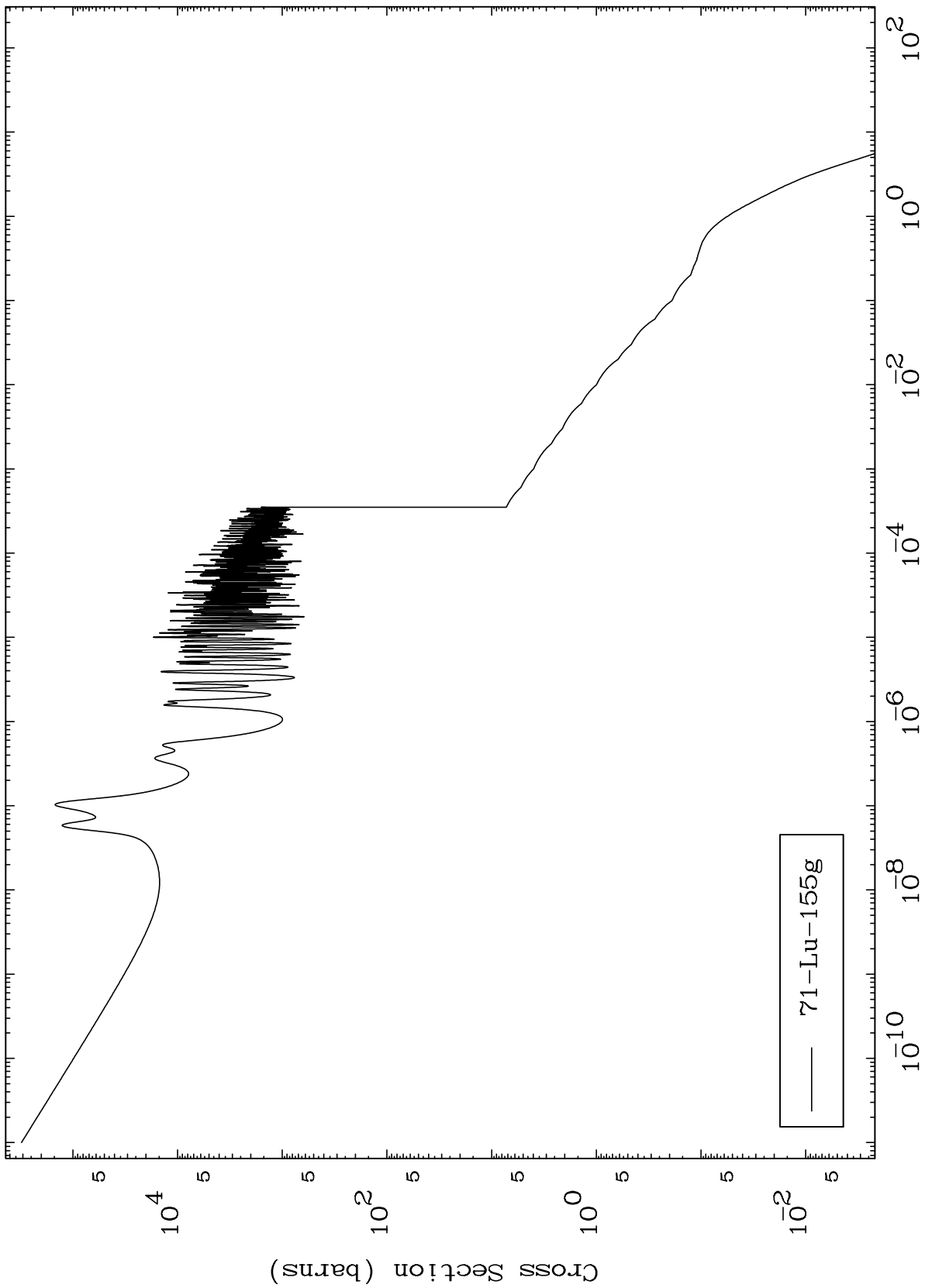
Radionuclide Production Cross Section



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<sup>71</sup>-Lu-154

<sup>(n,γ)</sup>  
Radionuclide Production Cross Section



<sup>71</sup>-Lu-154

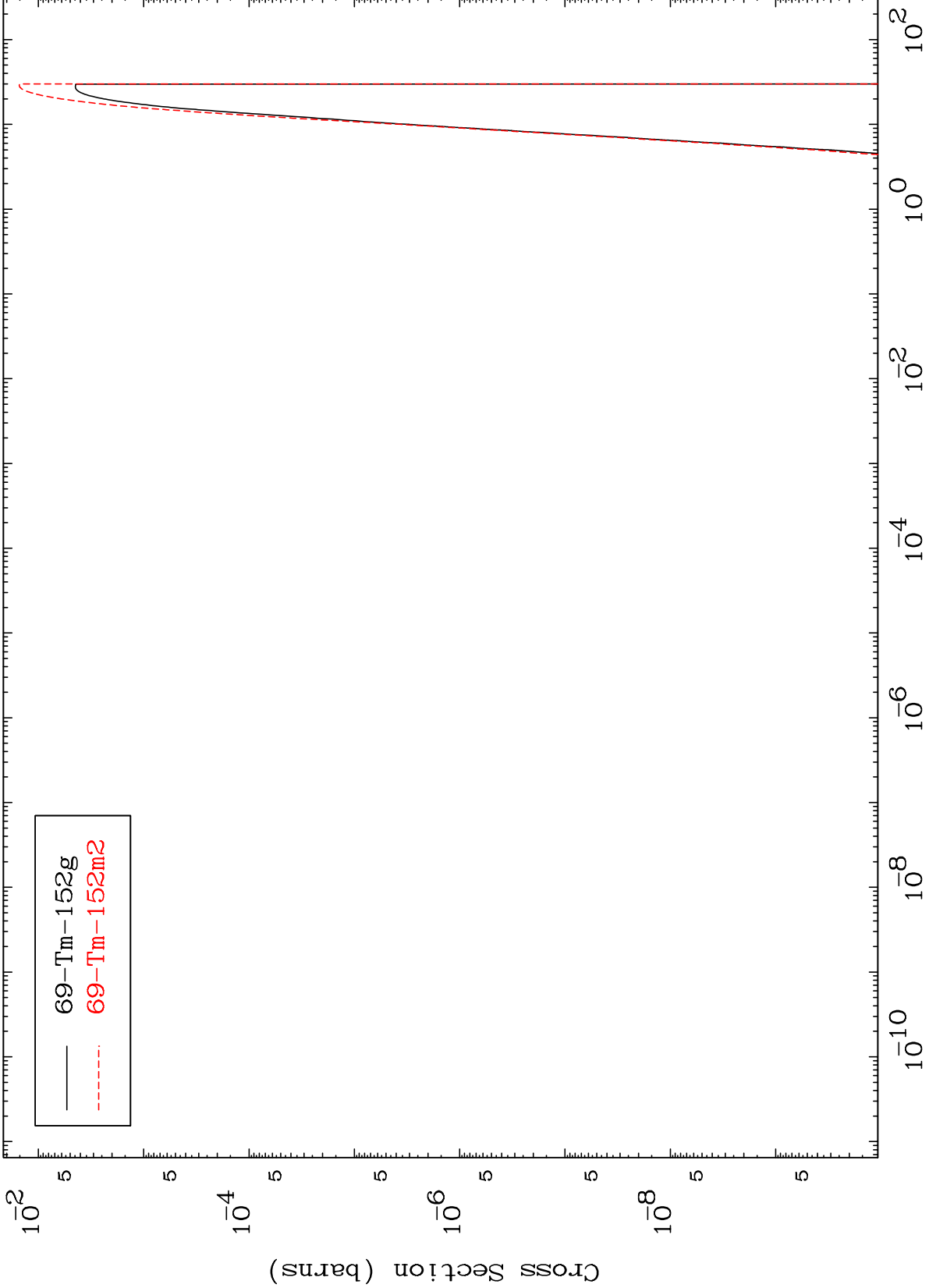
Incident Energy (MeV)

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(n,He-3)

71-Lu-154

Radionuclide Production Cross Section

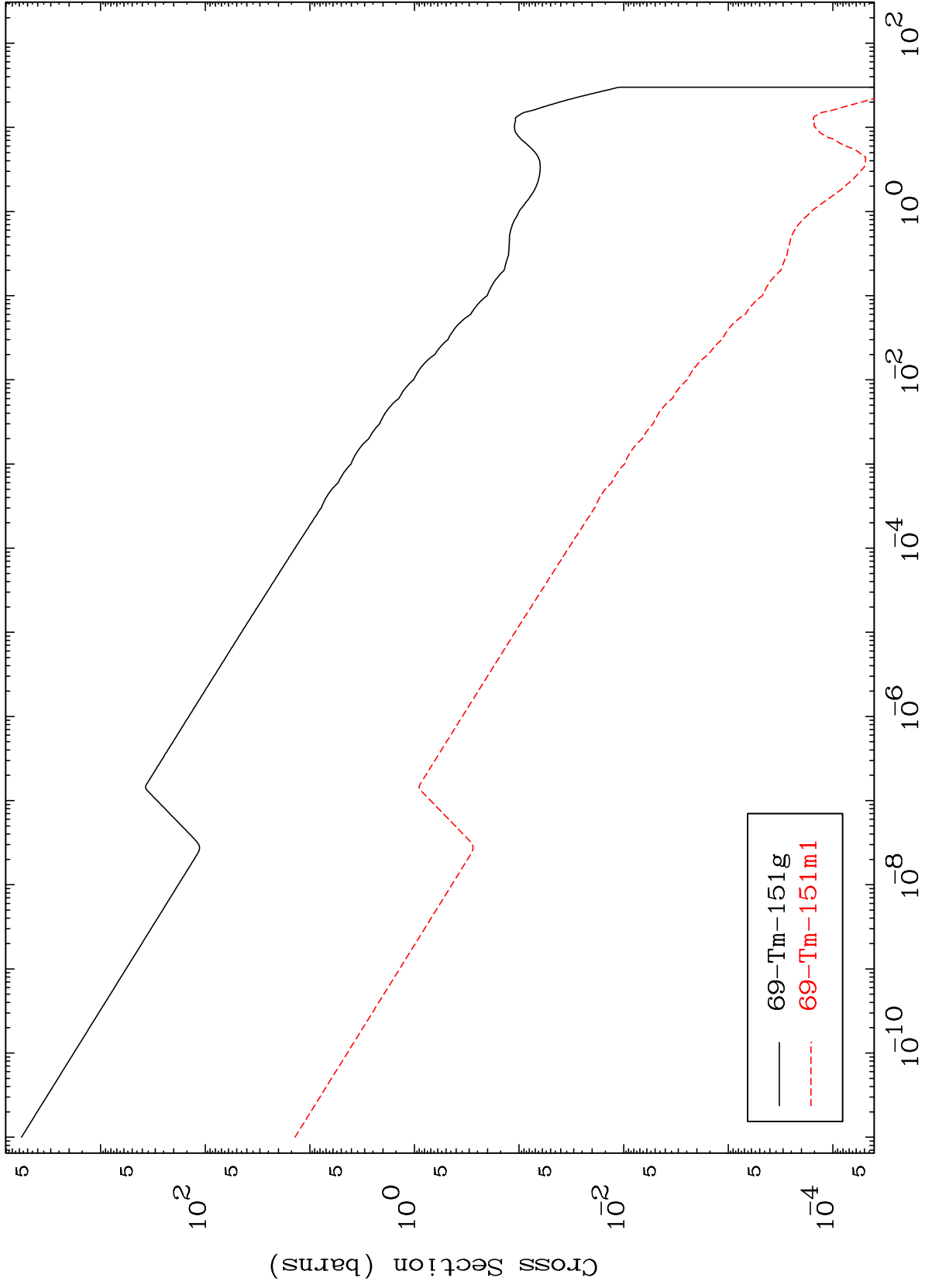


— 69-Tm-152g  
- - - 69-Tm-152m2

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71-Lu-154

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



30

71-Lu-154

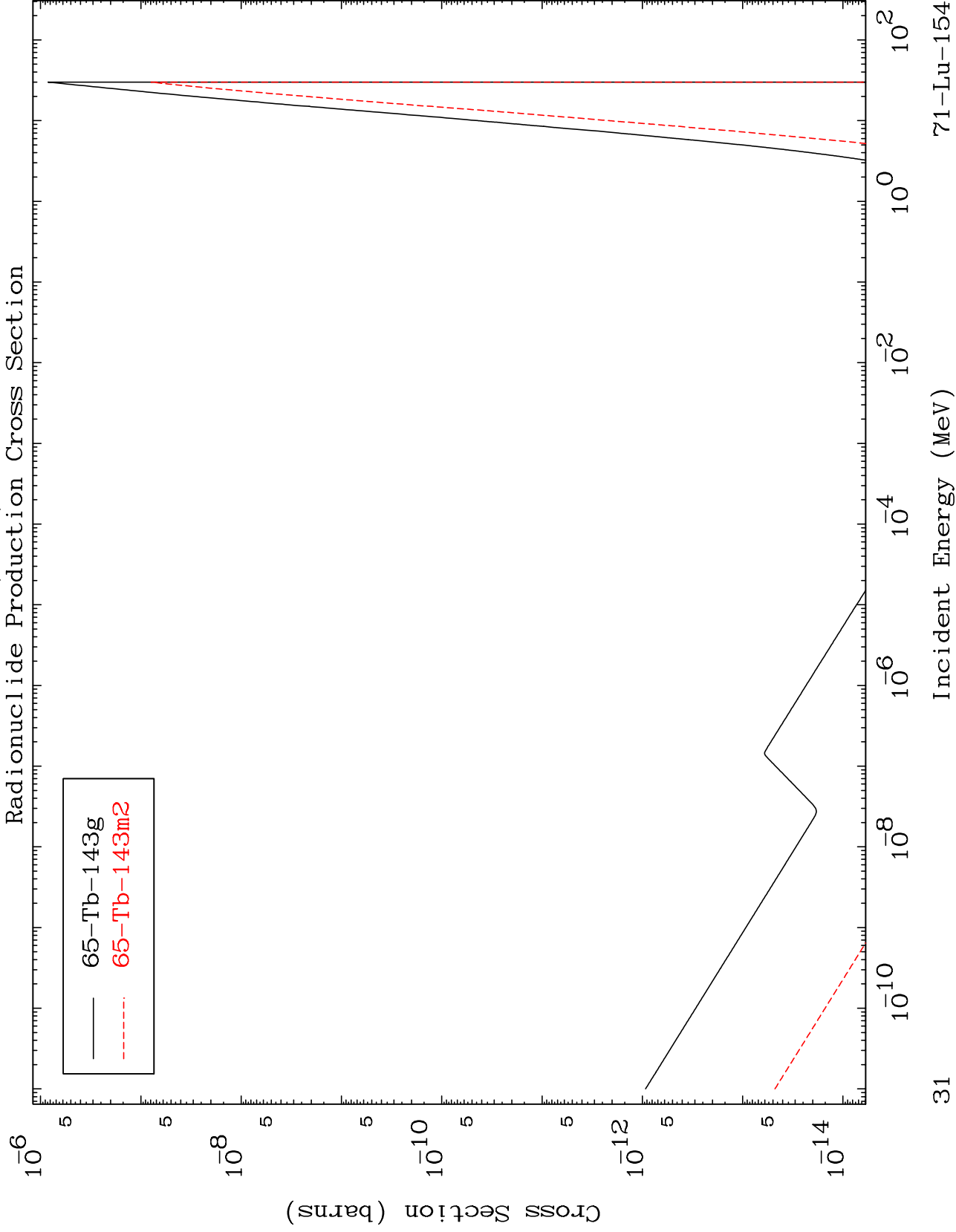
Incident Energy (MeV)

MAT 7063

(n, 3 $\alpha$ )

<sup>71</sup>Lu-154

Radionuclide Production Cross Section



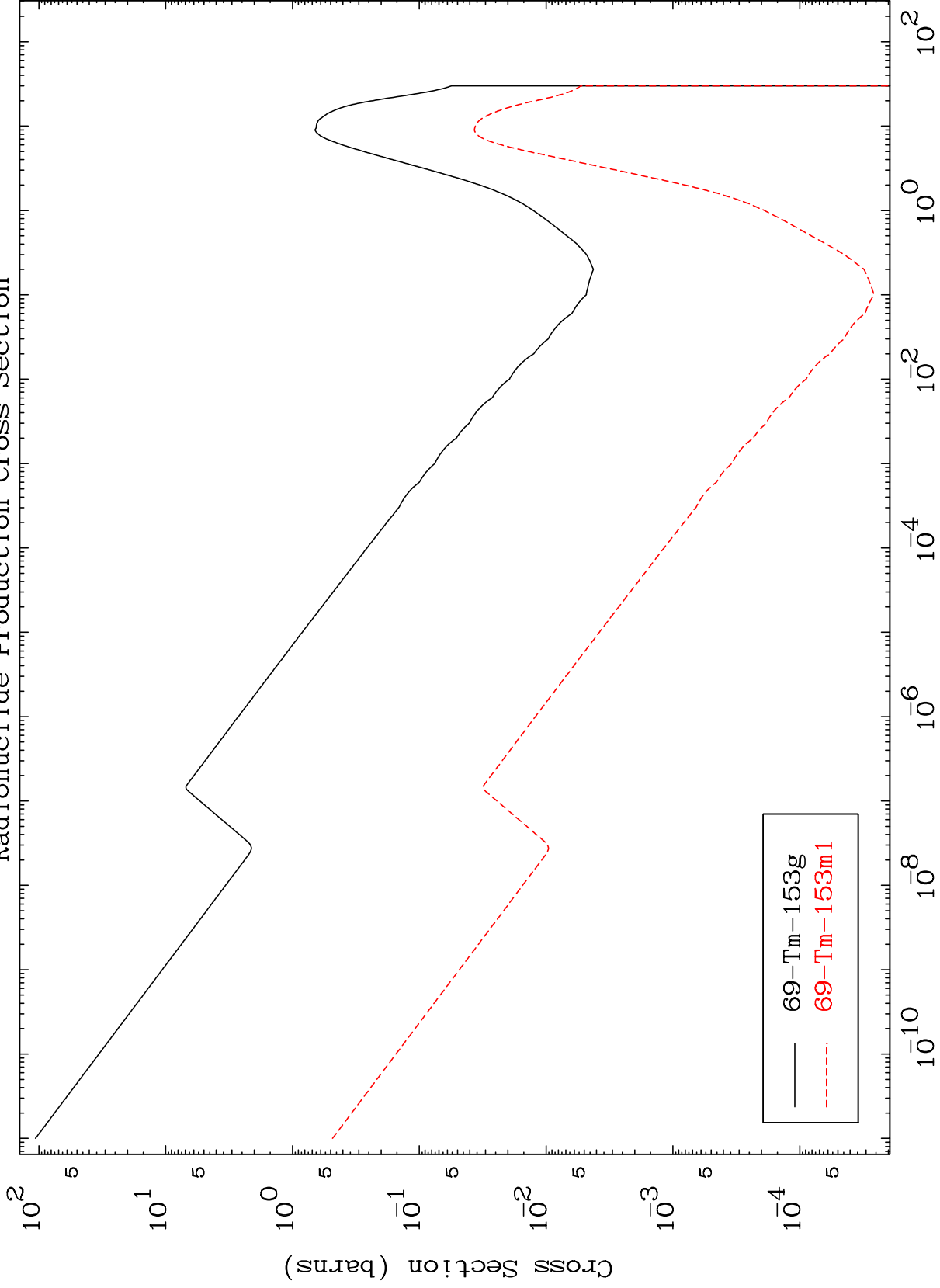


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(n,2p)

71-Lu-154

Radionuclide Production Cross Section



Incident Energy (MeV)

71-Lu-154

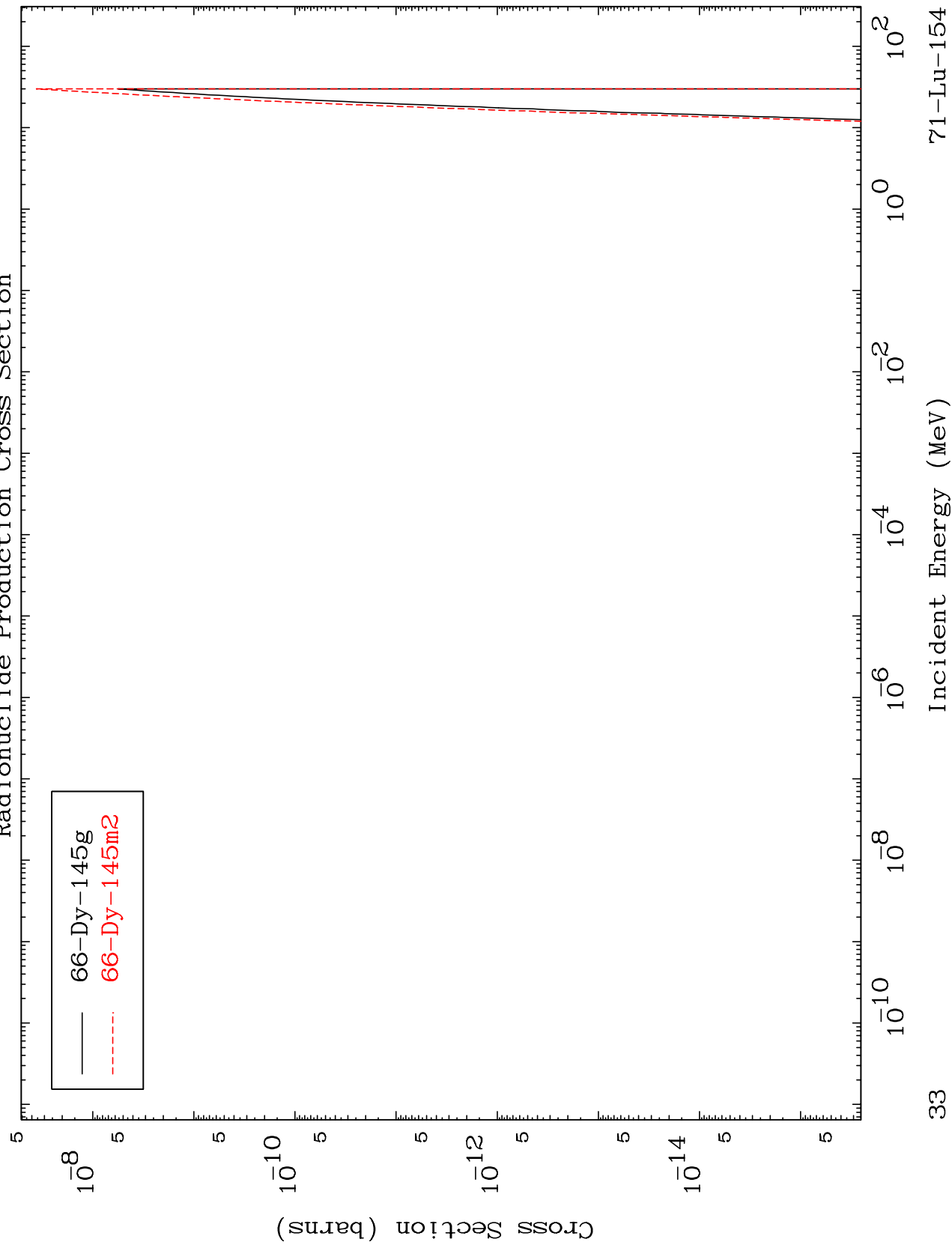
32

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(n,d)  $2\alpha$

$^{71}\text{Lu-154}$

Radionuclide Production Cross Section

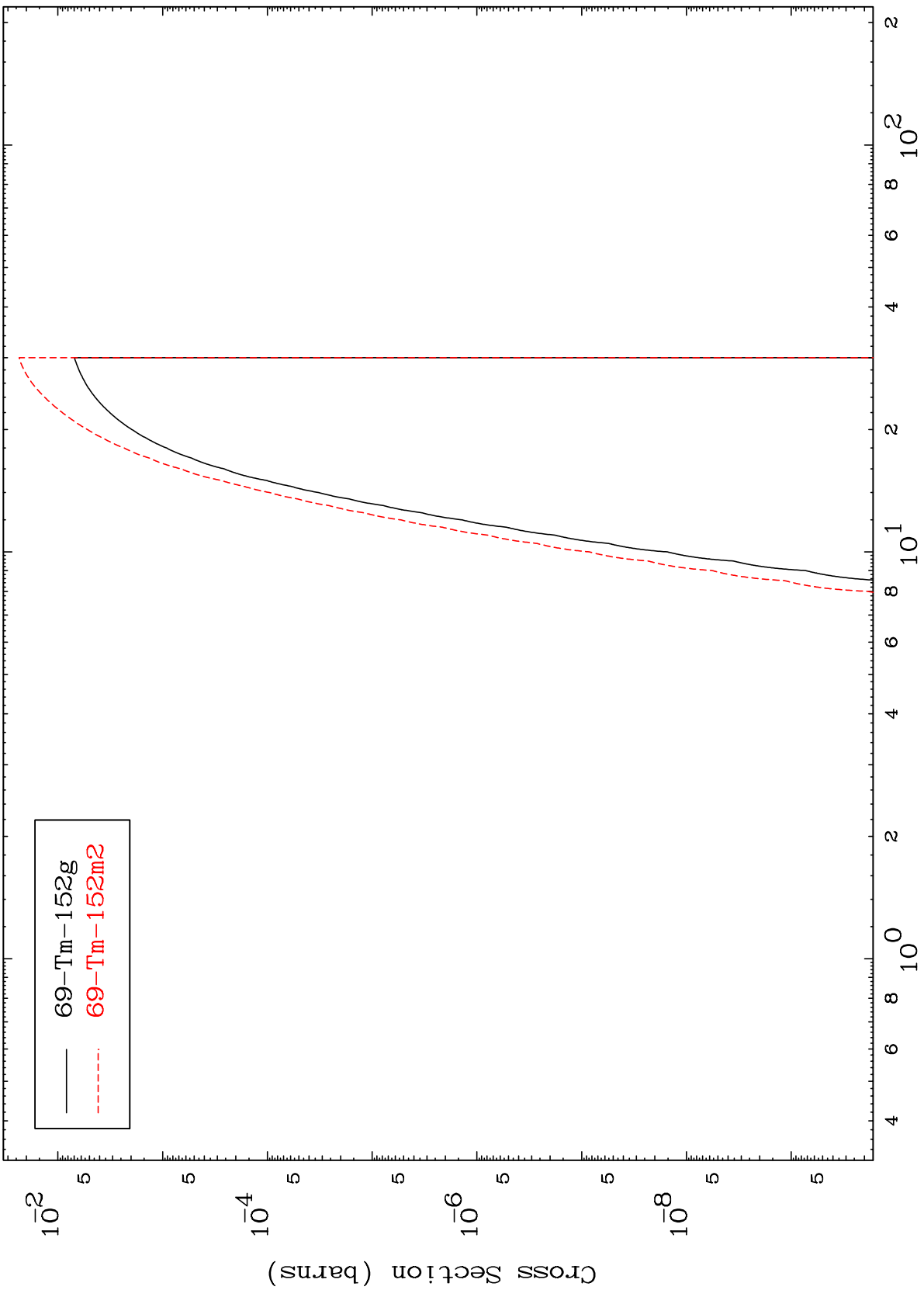


MAT 7063

(n,p) d

71-Lu-154

Radionuclide Production Cross Section



34

Incident Energy (MeV)

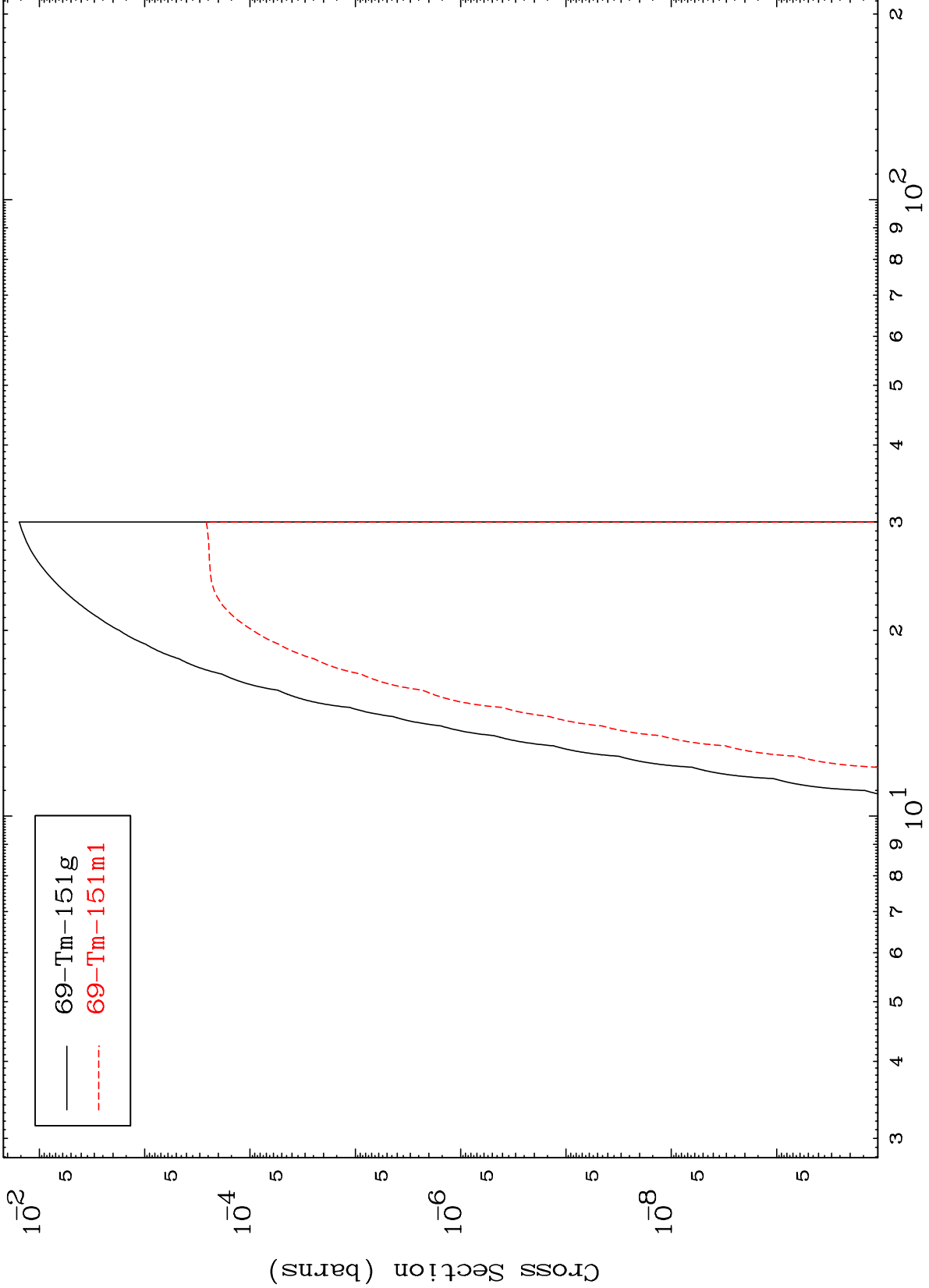
71-Lu-154

MAT 7063

(n,p) t

71-Lu-154

Radionuclide Production Cross Section



69-Tm-151g  
69-Tm-151m1

35

Incident Energy (MeV)

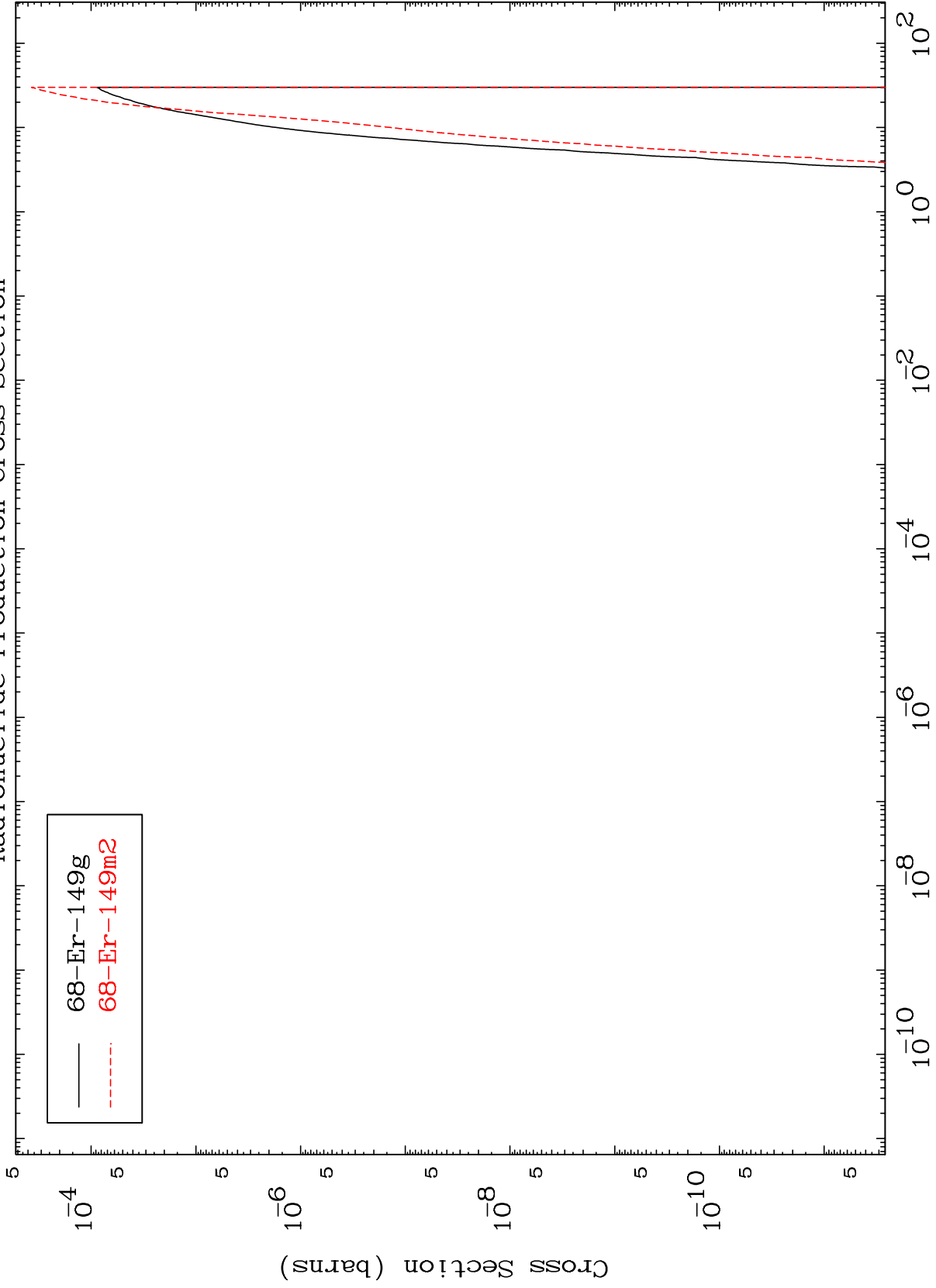
71-Lu-154

MAT 7063

(n,d)  $\alpha$

71-Lu-154

Radionuclide Production Cross Section



36

Incident Energy (MeV)

71-Lu-154