

Program EVALPLOT  
(Version 2017-1)

by

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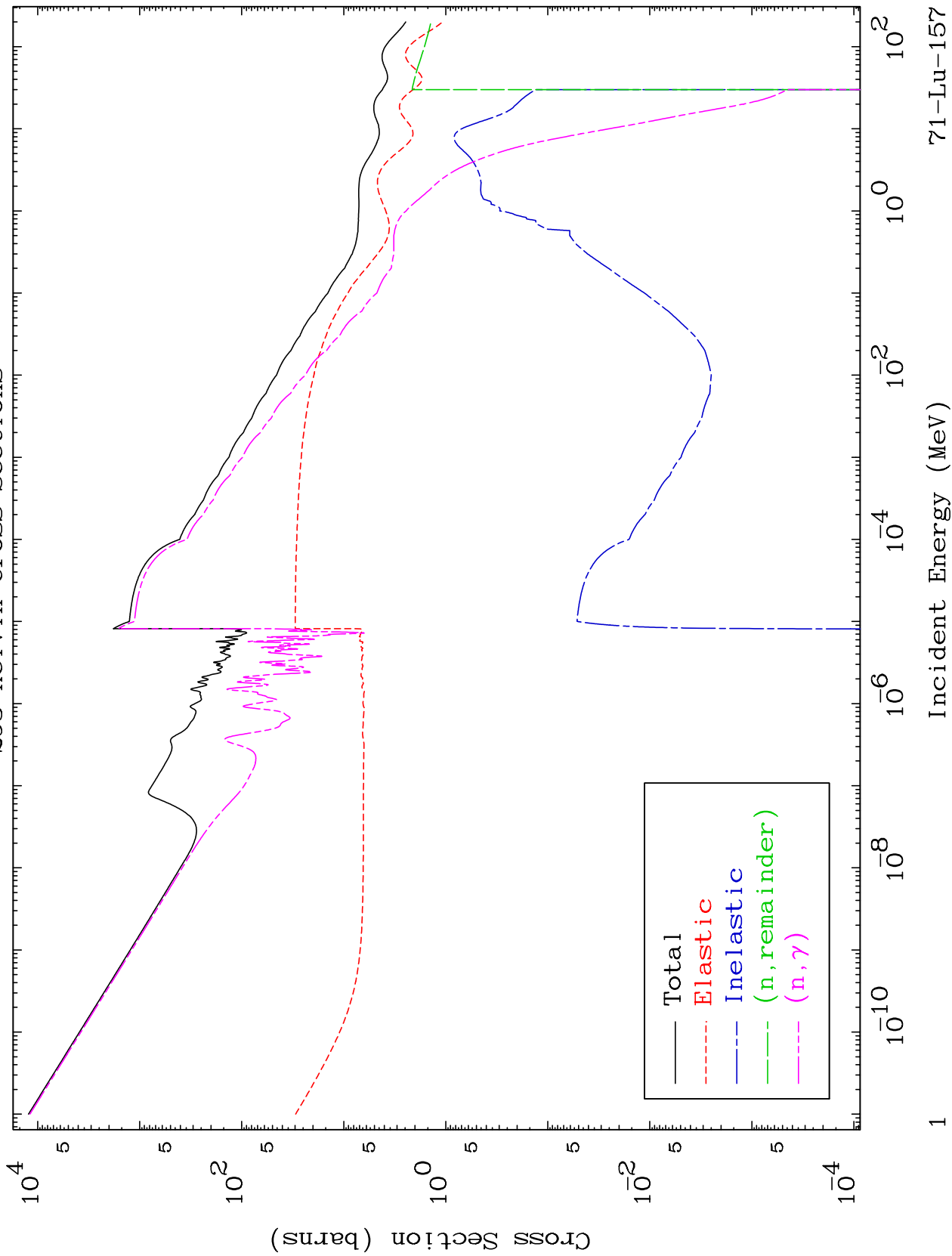
Press Mouse Button to Start

MAT 7072

Major

293 Kelvin Cross Sections

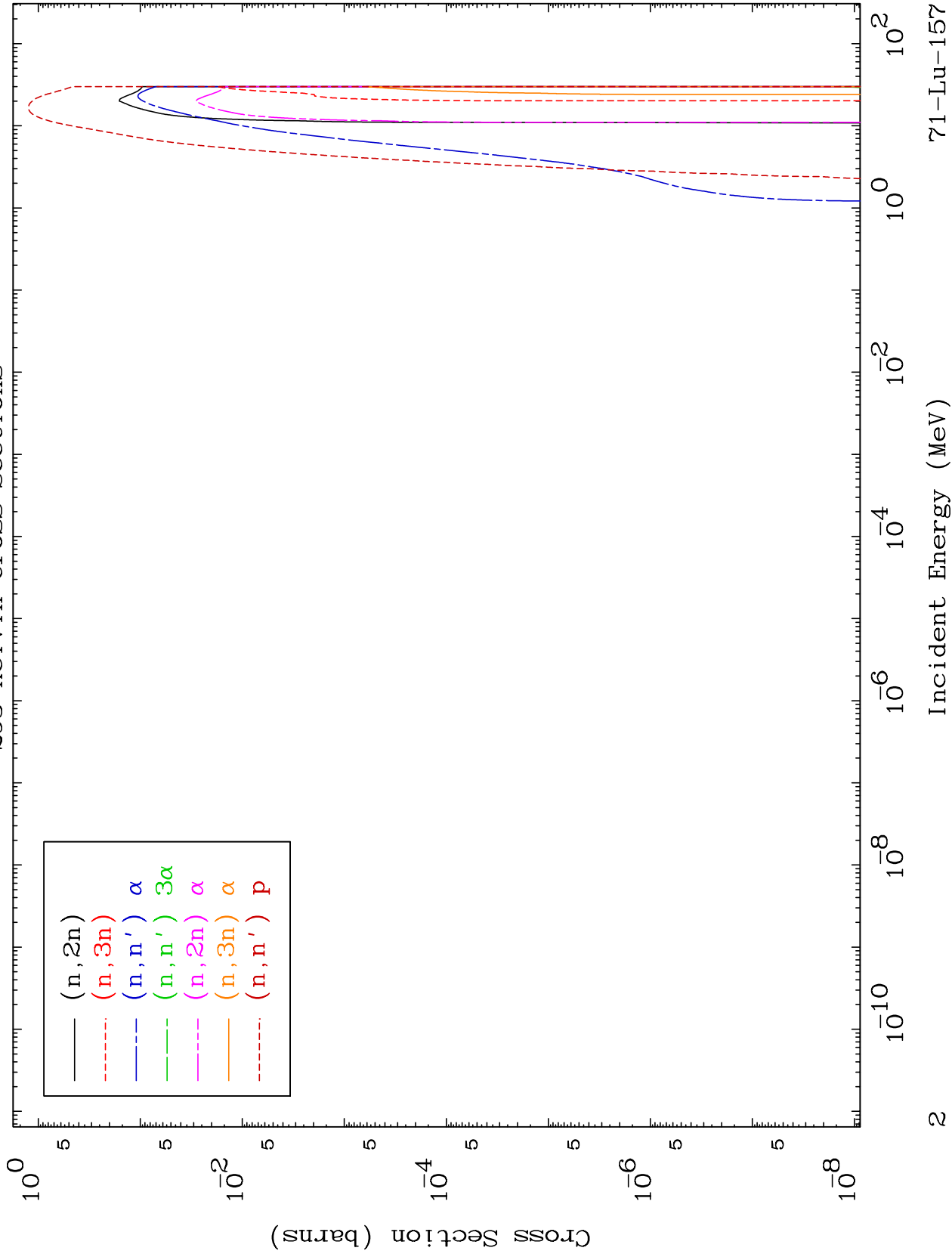
71-Lu-157



MAT 7072

Neutron Production  
293 Kelvin Cross Sections

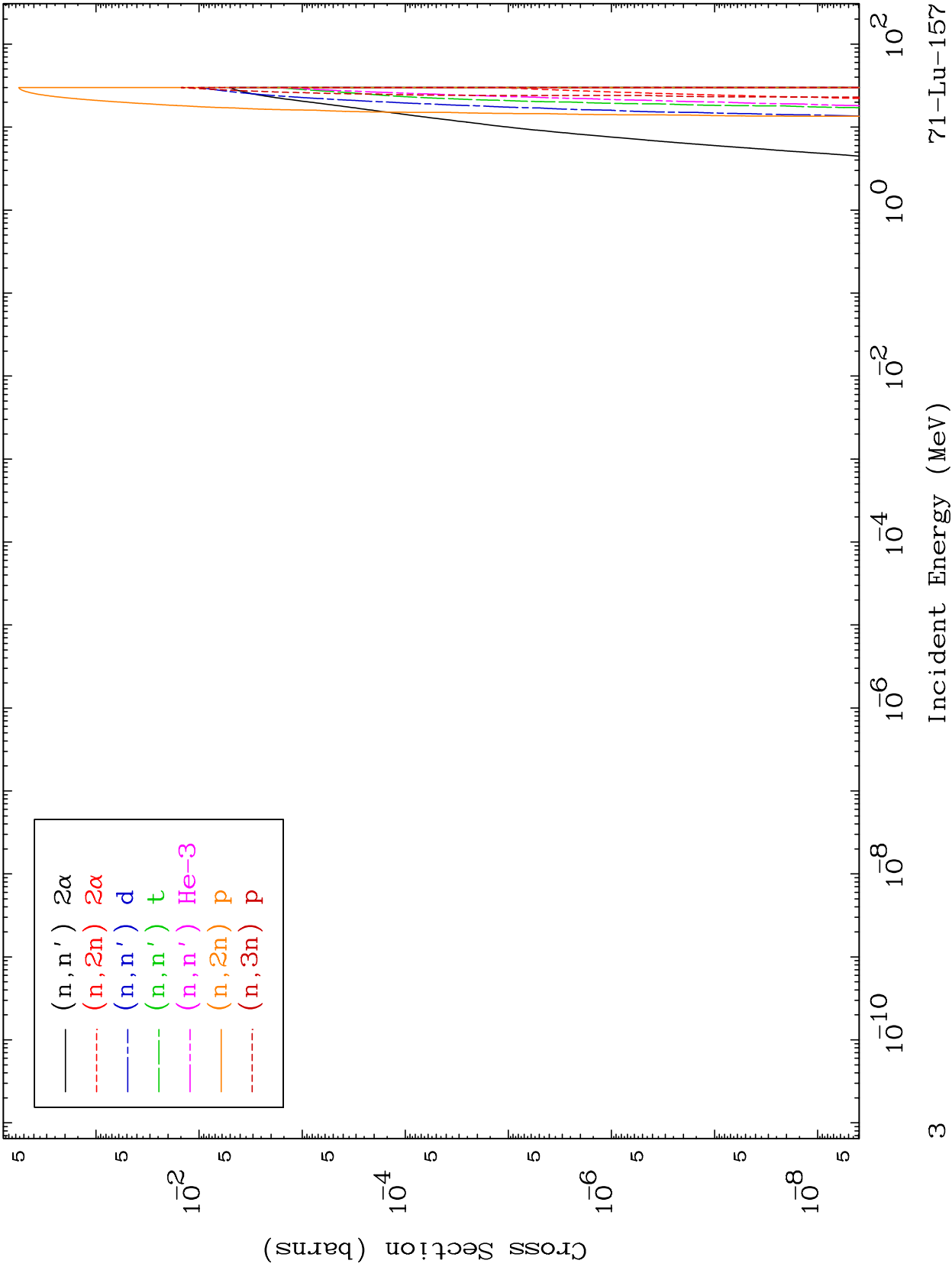
71-Lu-157



MAT 7072

Neutron Production  
293 Kelvin Cross Sections

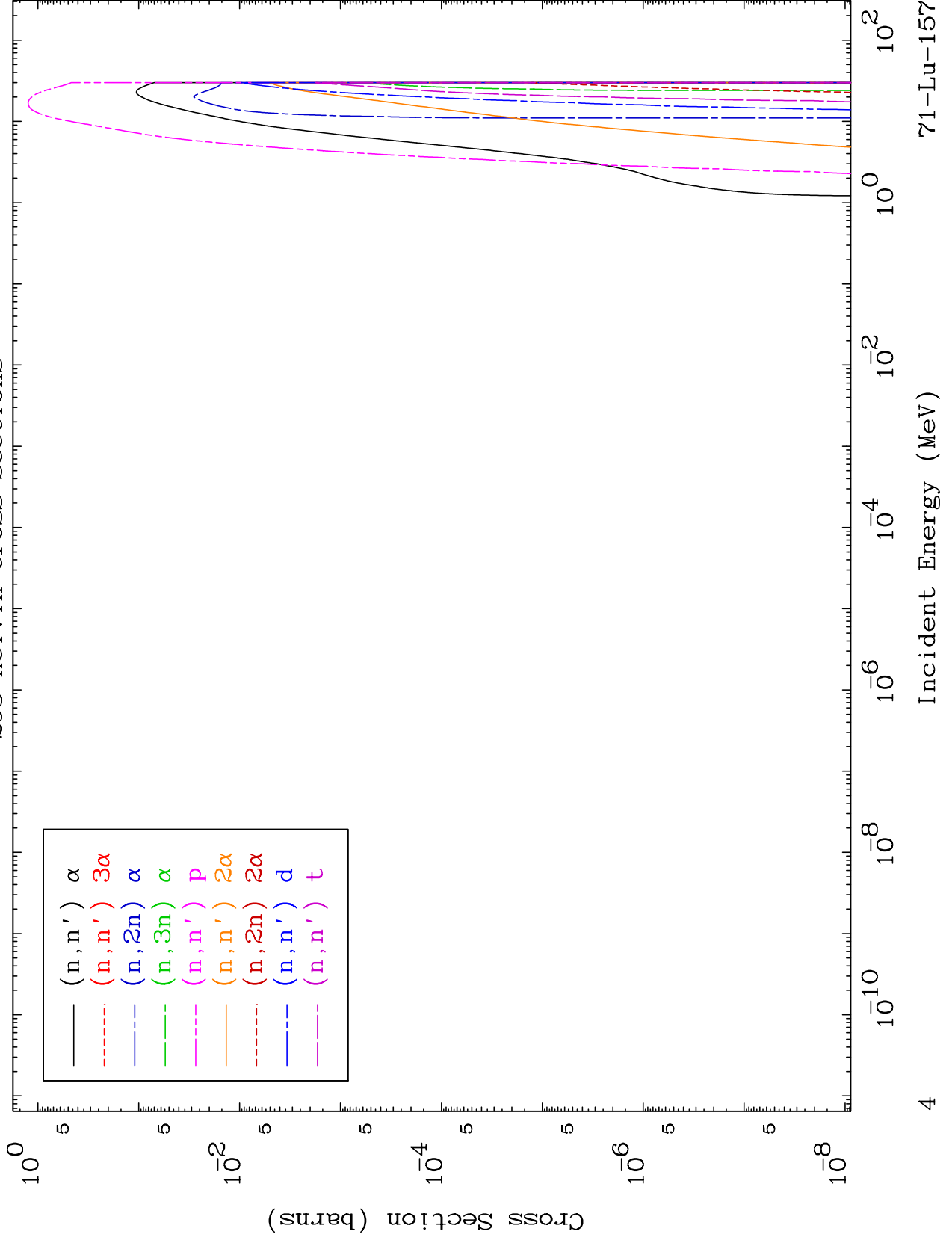
71-Lu-157

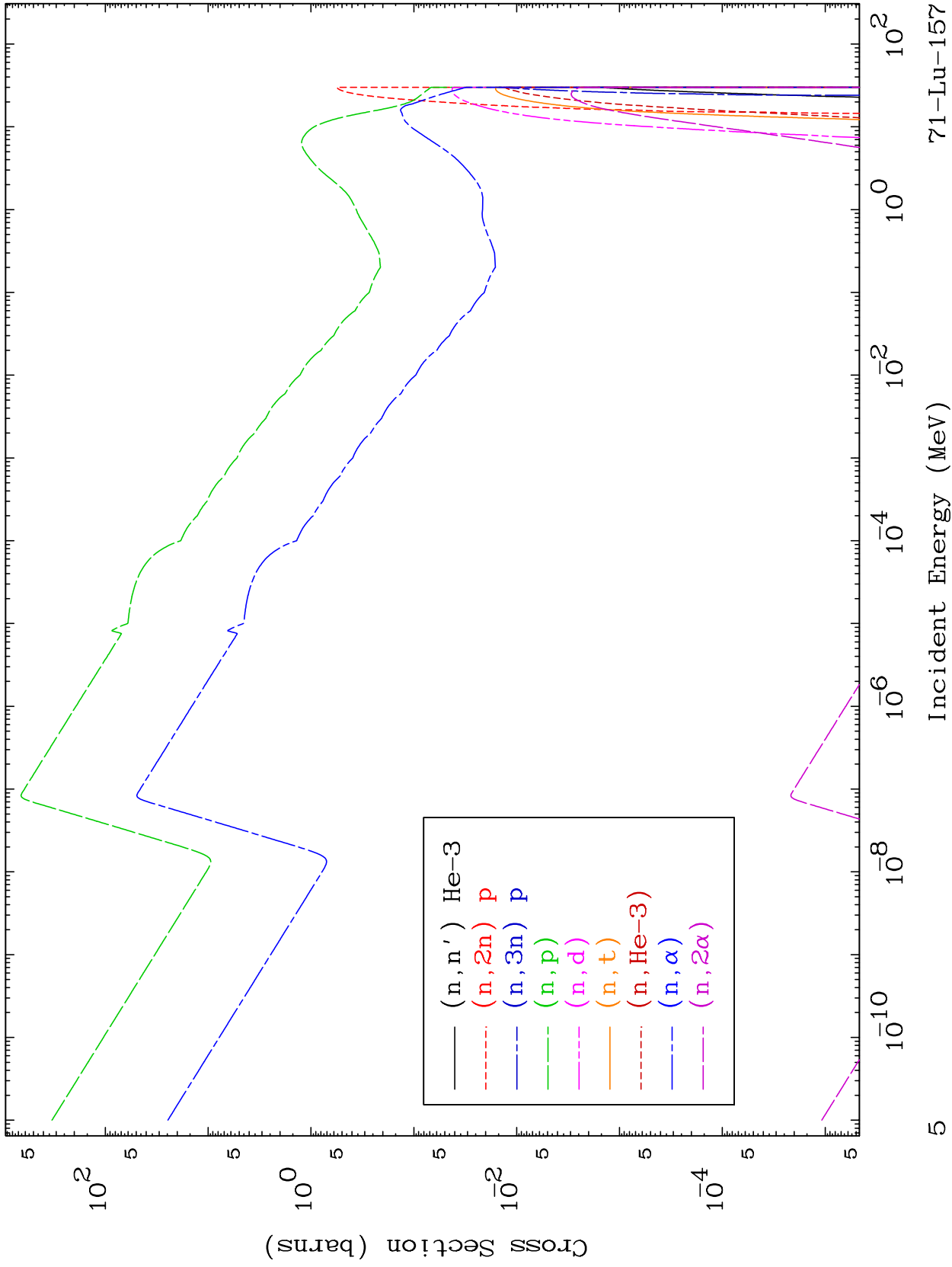


MAT 7072

Charged Particle  
293 Kelvin Cross Sections

71-Lu-157

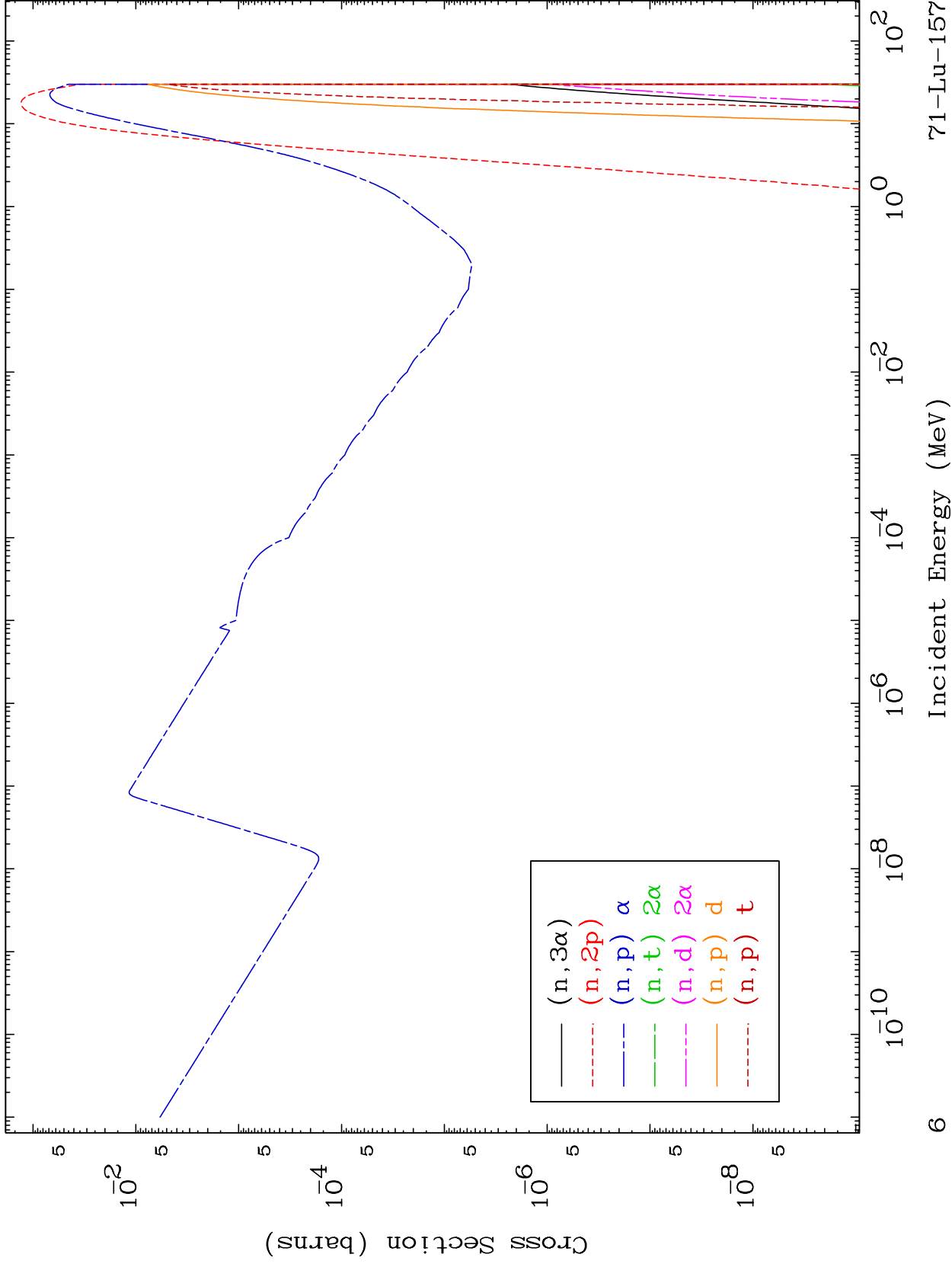


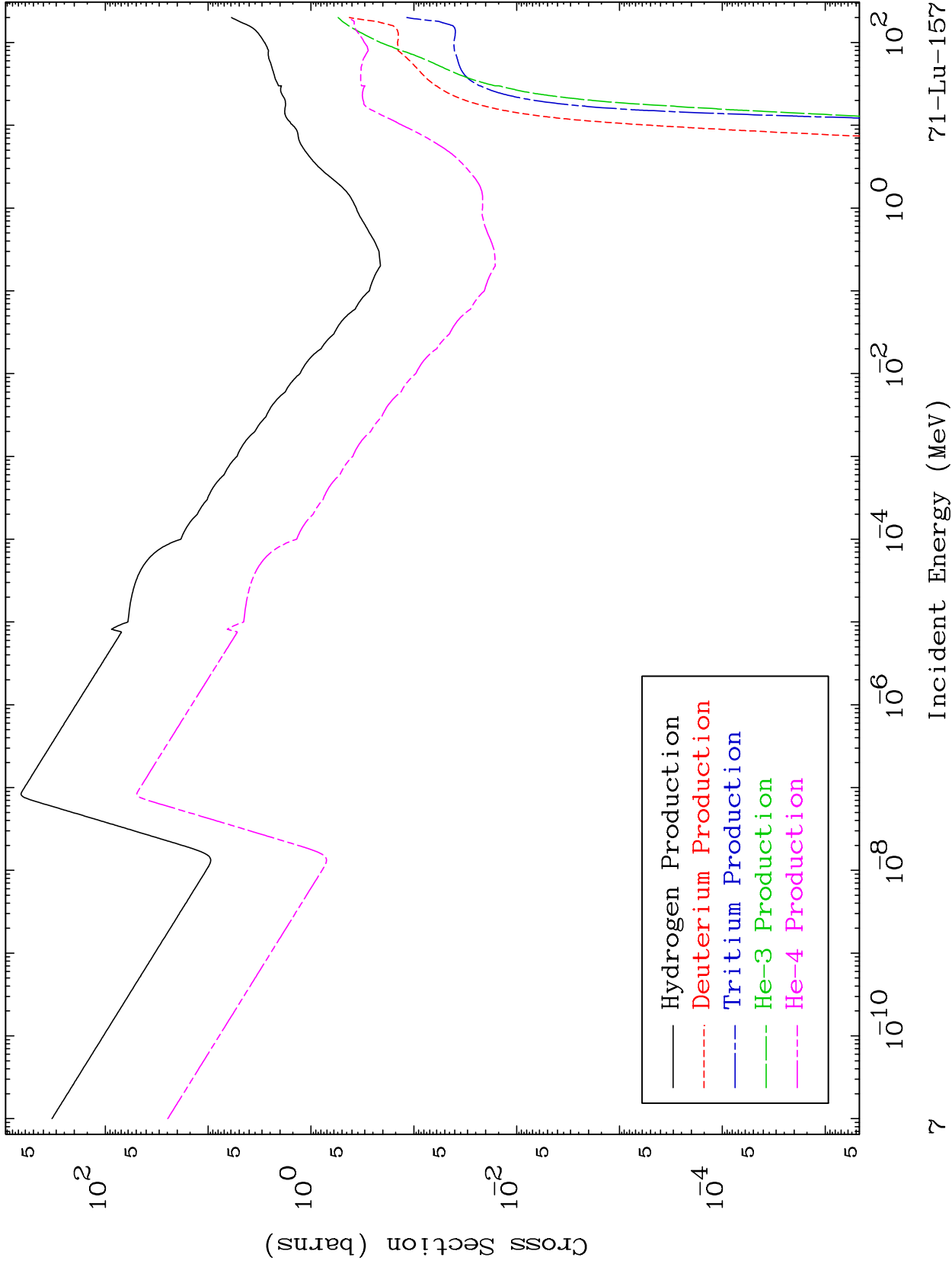


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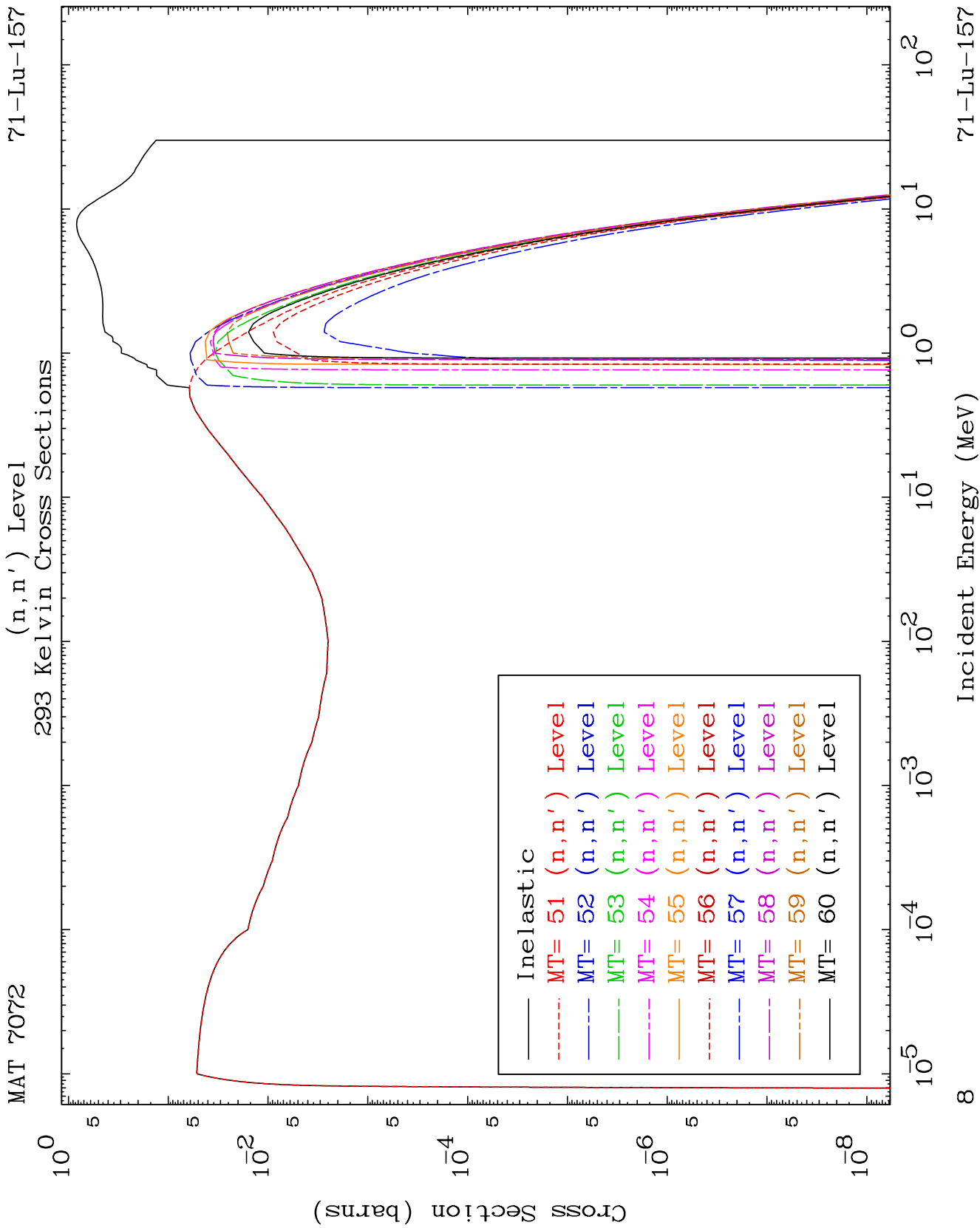
293 Kelvin Cross Sections  
Charged Particle

71-Lu-157







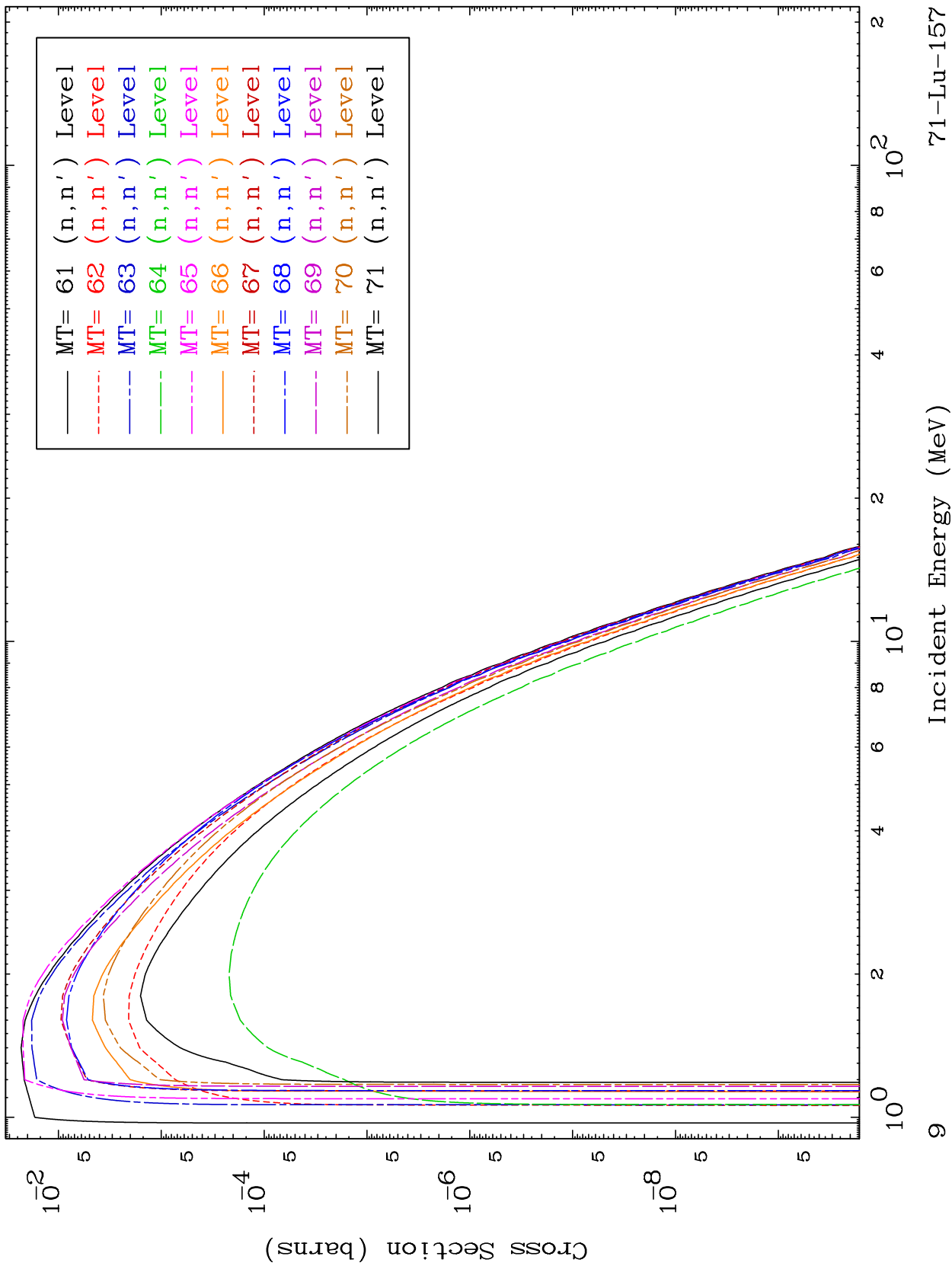


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(n,n') Level

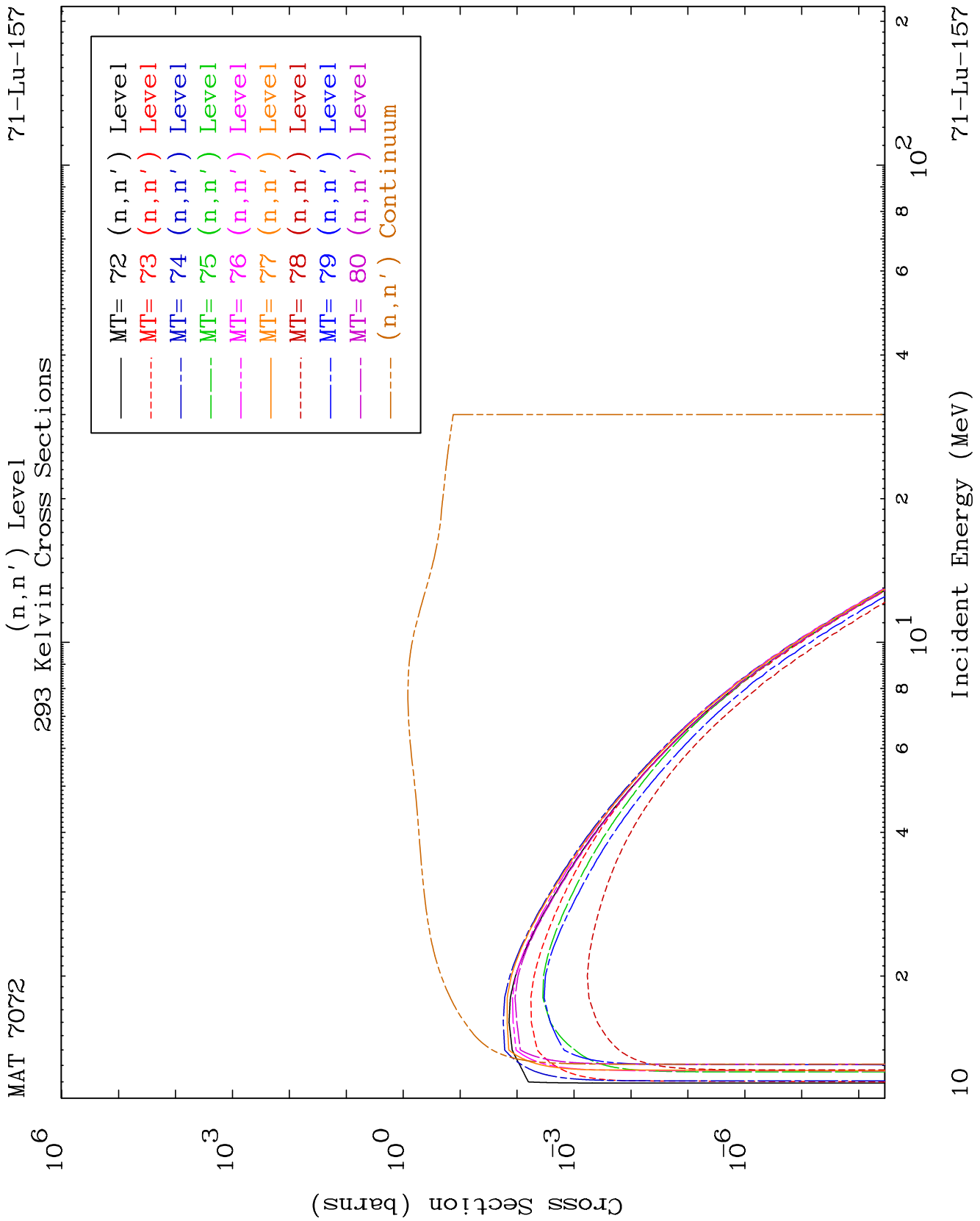
293 Kelvin Cross Sections

71-Lu-157



Incident Energy (MeV)

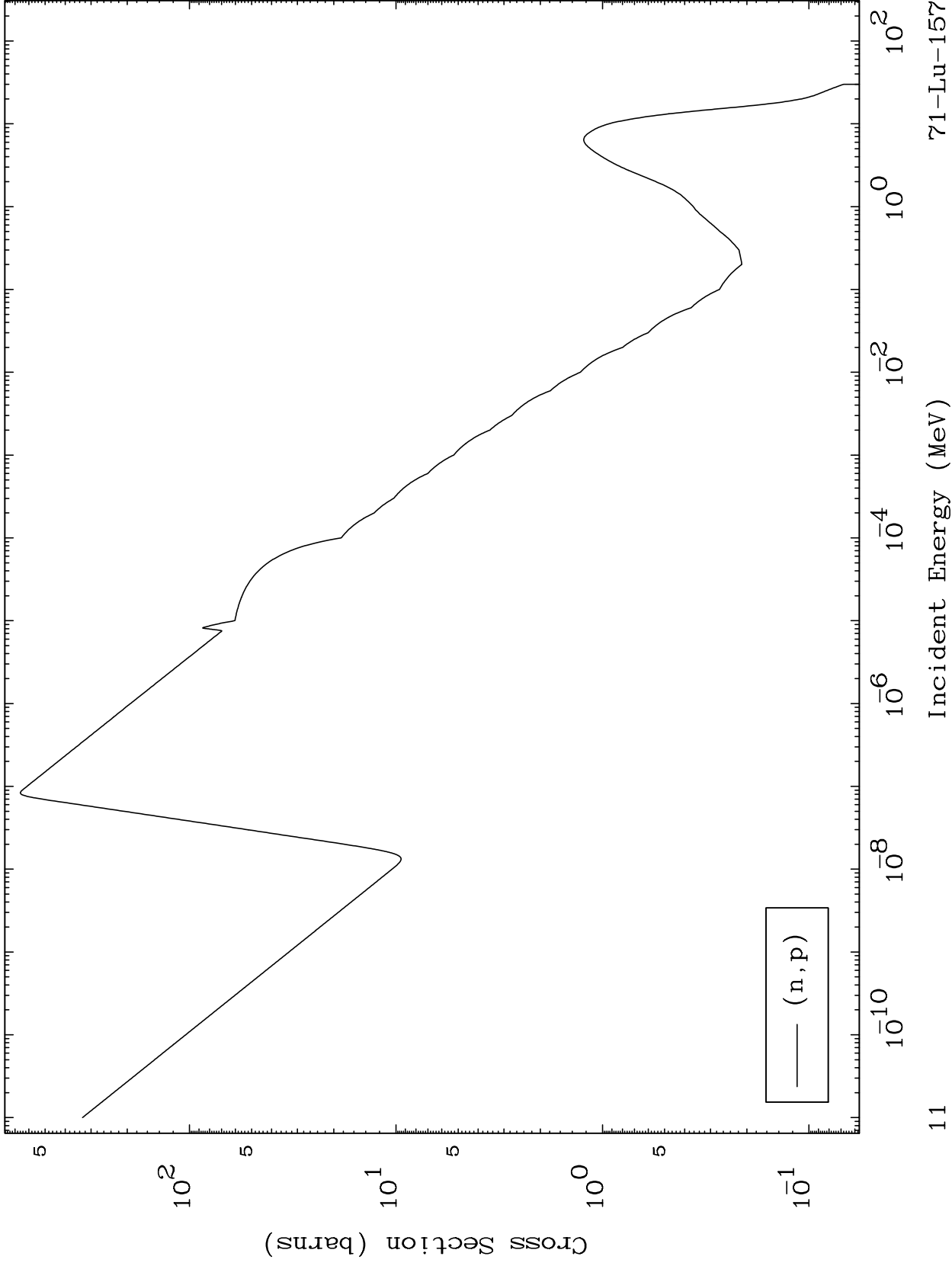
71-Lu-157



MAT 7072

(n,p) Levels  
293 Kelvin Cross Sections

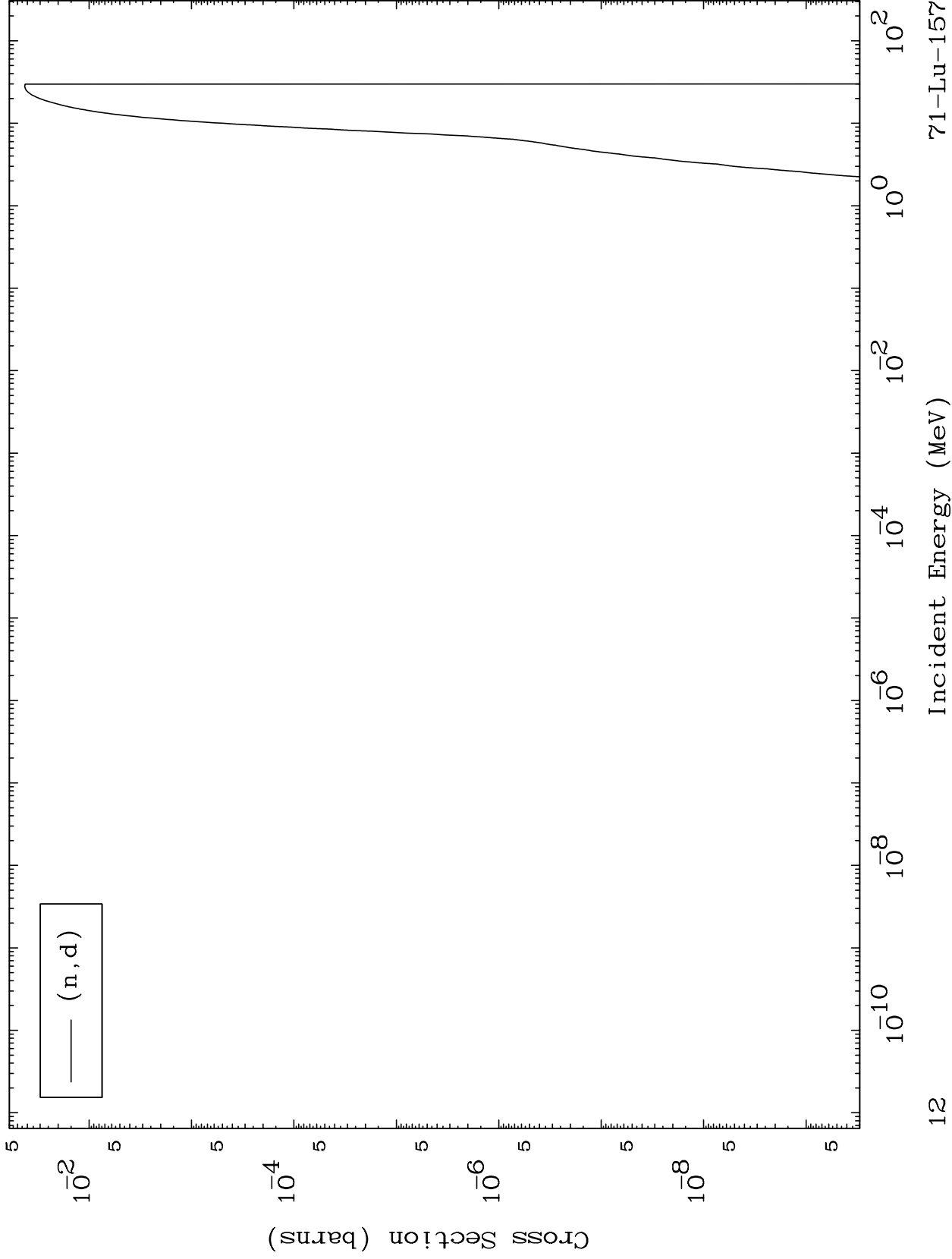
71-Lu-157



MAT 7072

(n,d) Levels  
293 Kelvin Cross Sections

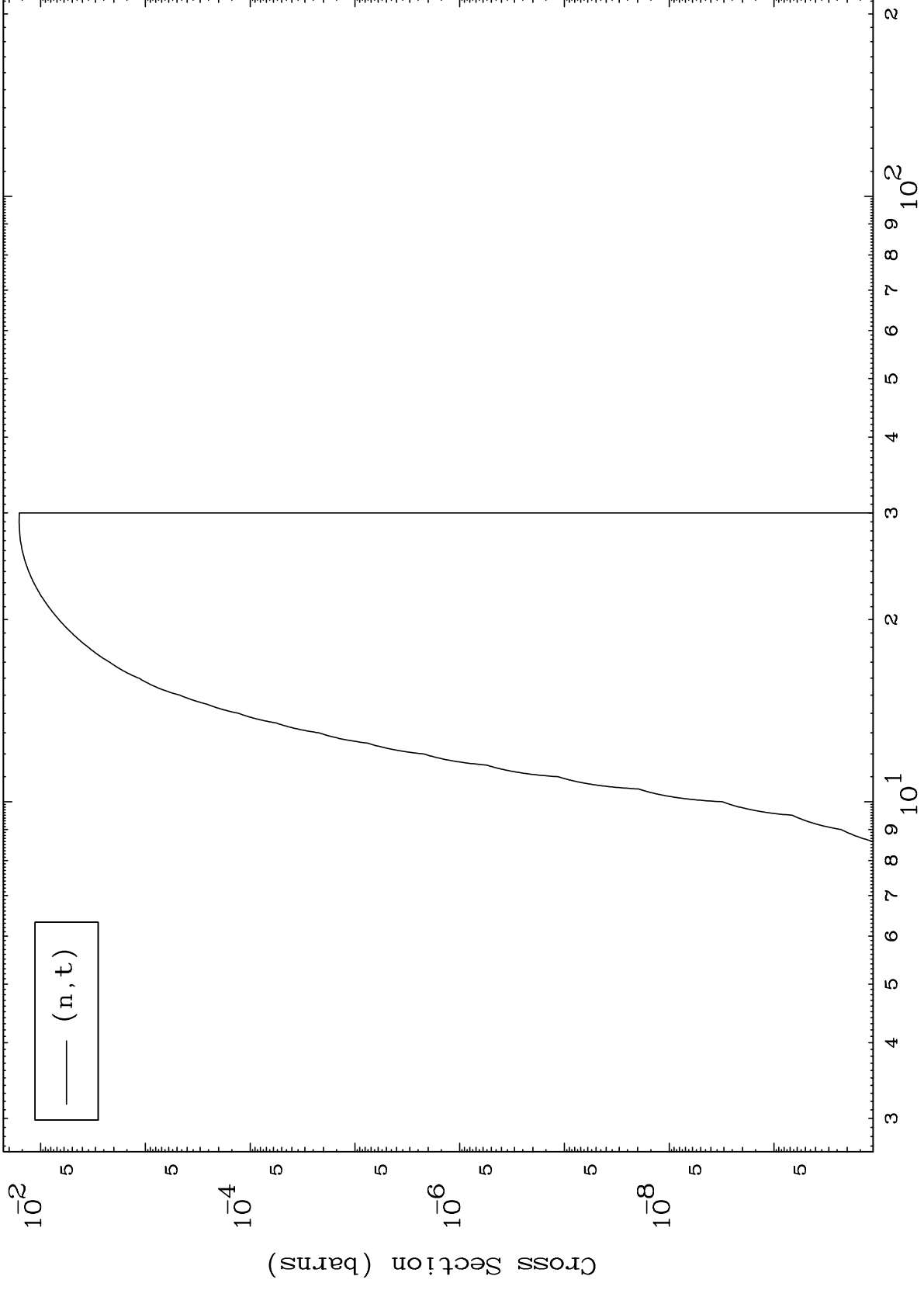
71-Lu-157



MAT 7072

(n,t) Levels  
293 Kelvin Cross Sections

71-Lu-157



13

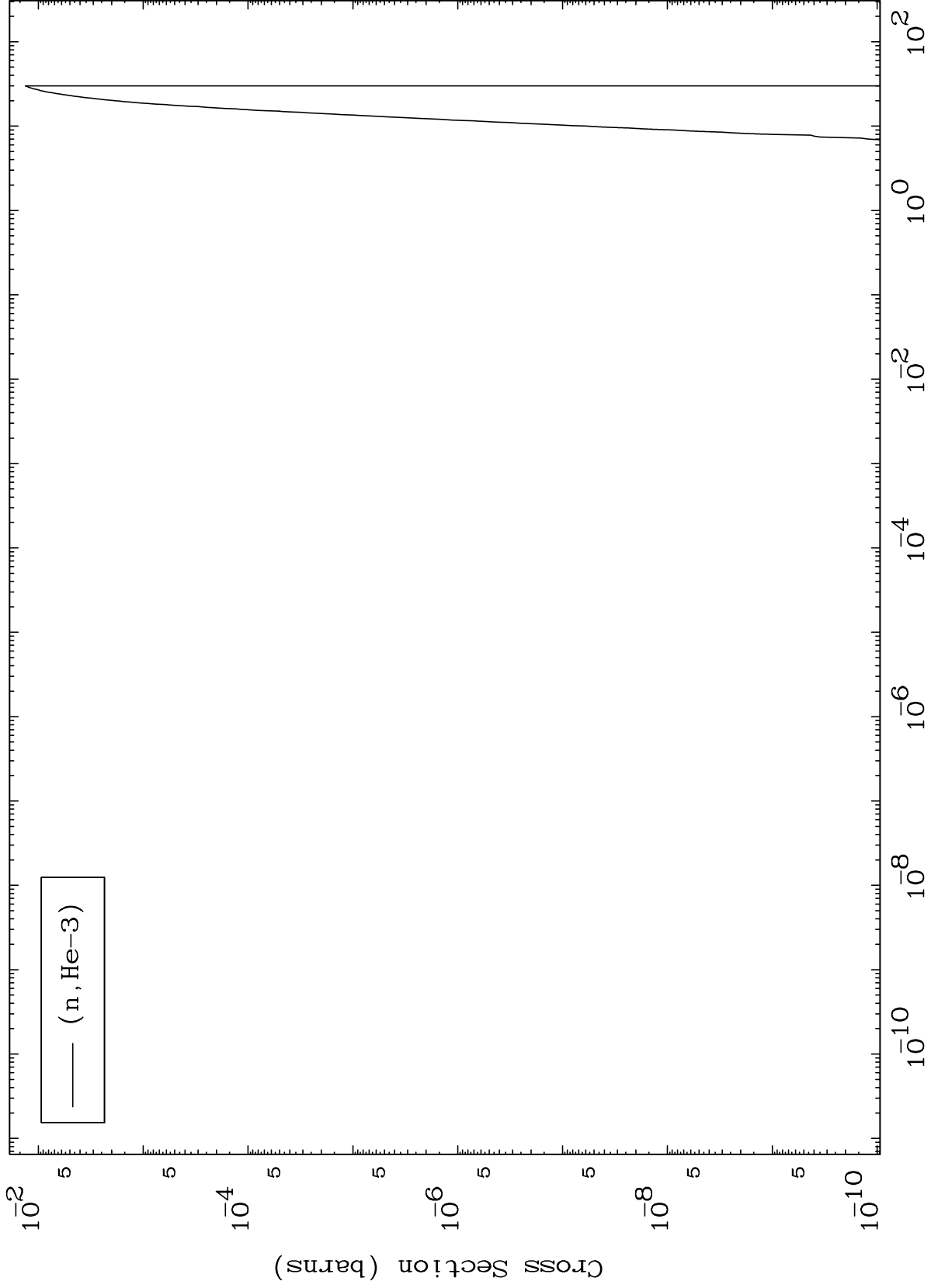
Incident Energy (MeV)

71-Lu-157

MAT 7072

(n,He3) Levels  
293 Kelvin Cross Sections

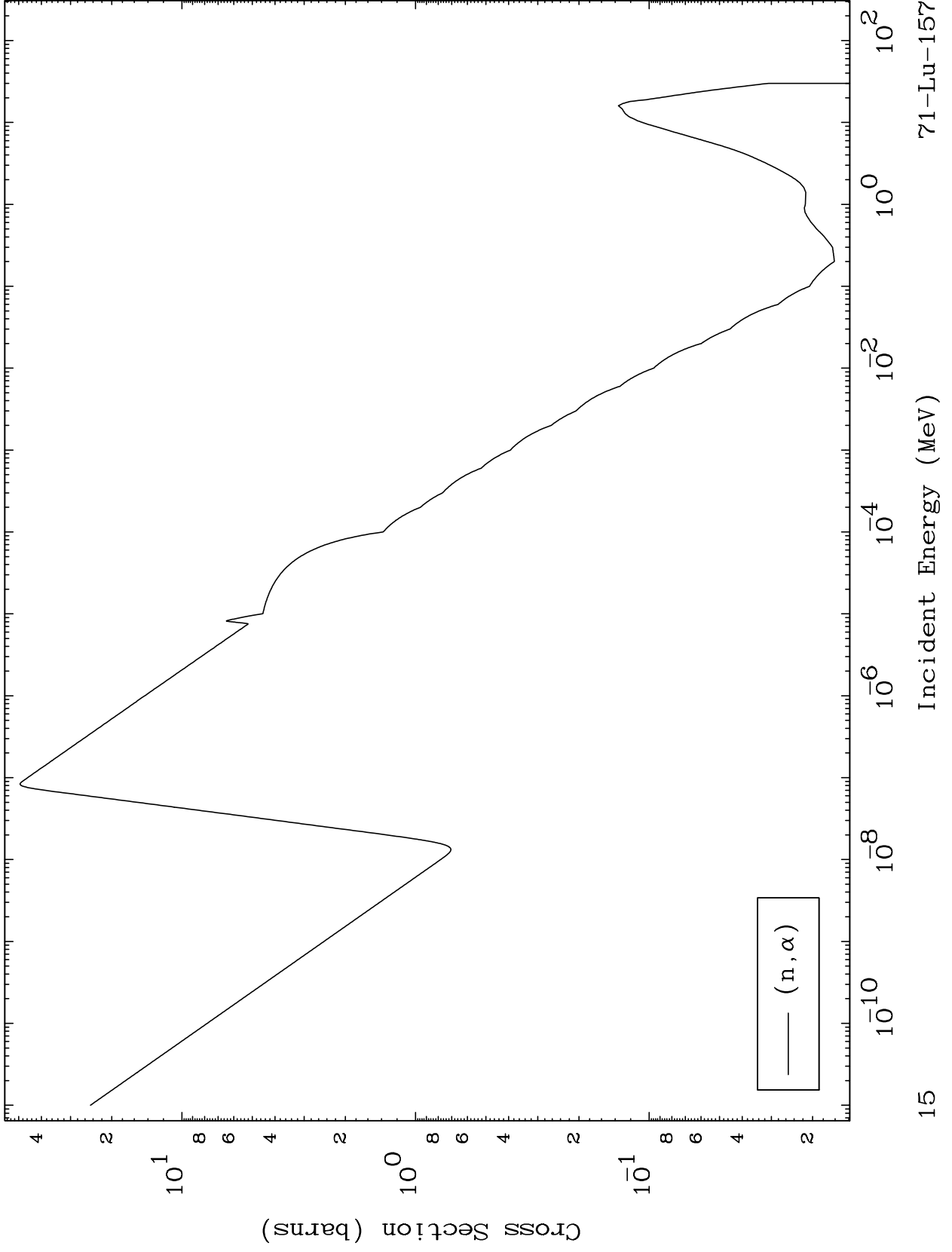
71-Lu-157



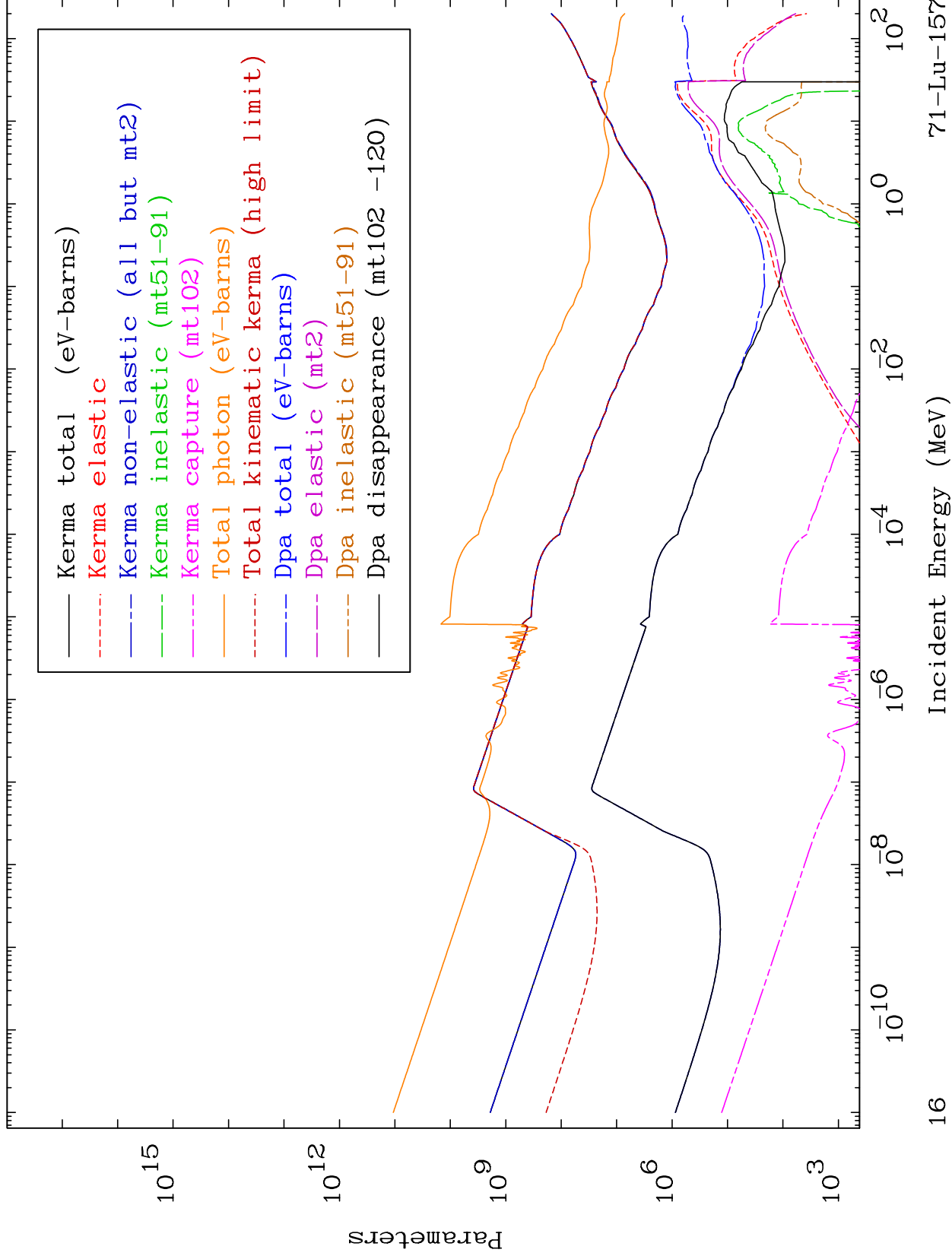
MAT 7072

(n,α) Levels  
293 Kelvin Cross Sections

71-Lu-157





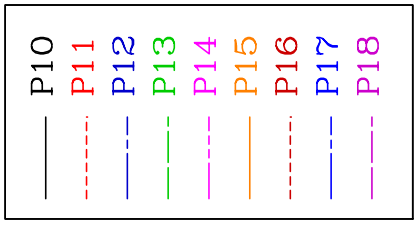
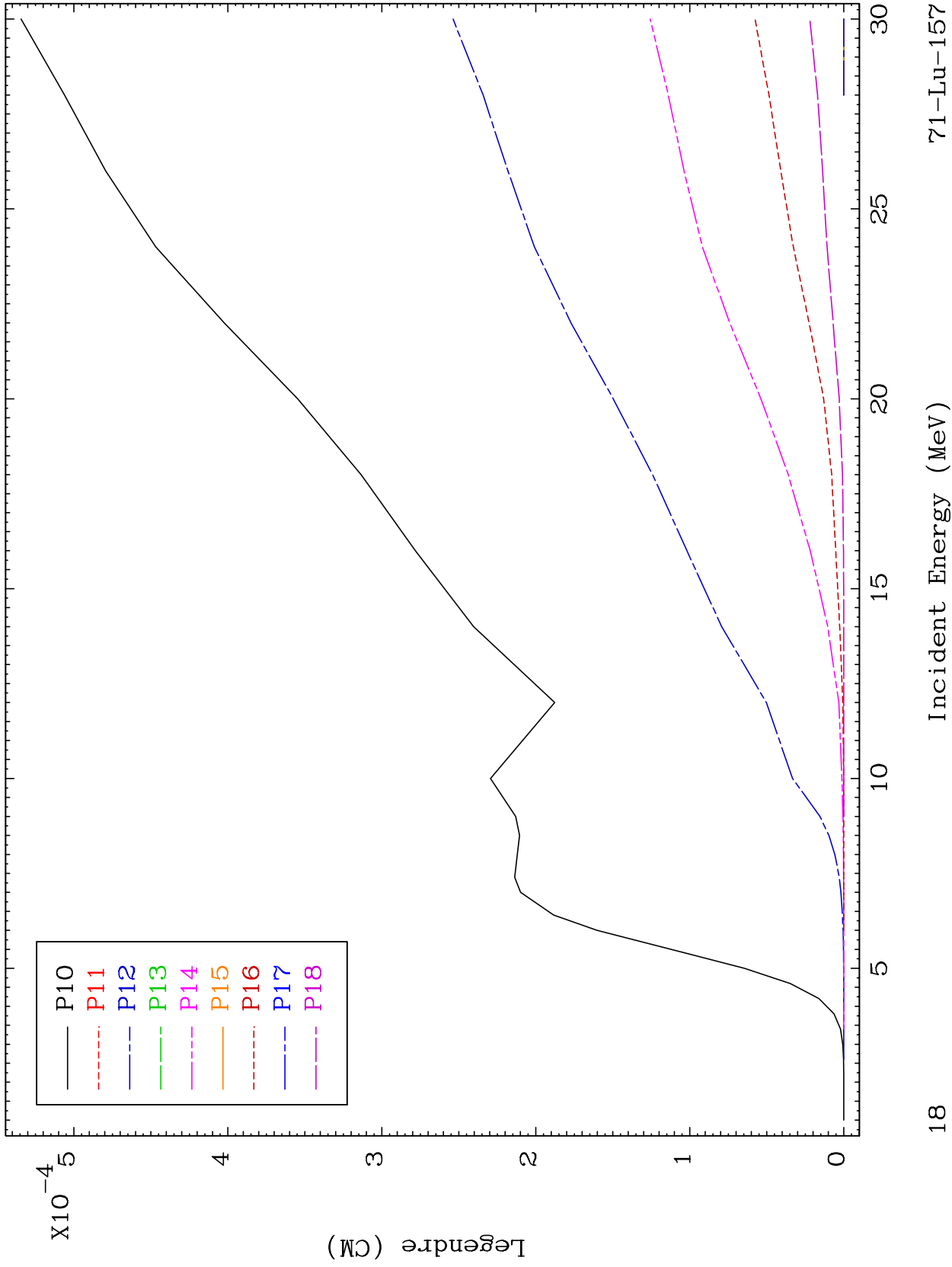




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Elastic Legendre Coefficients

<sup>71</sup>Lu-157

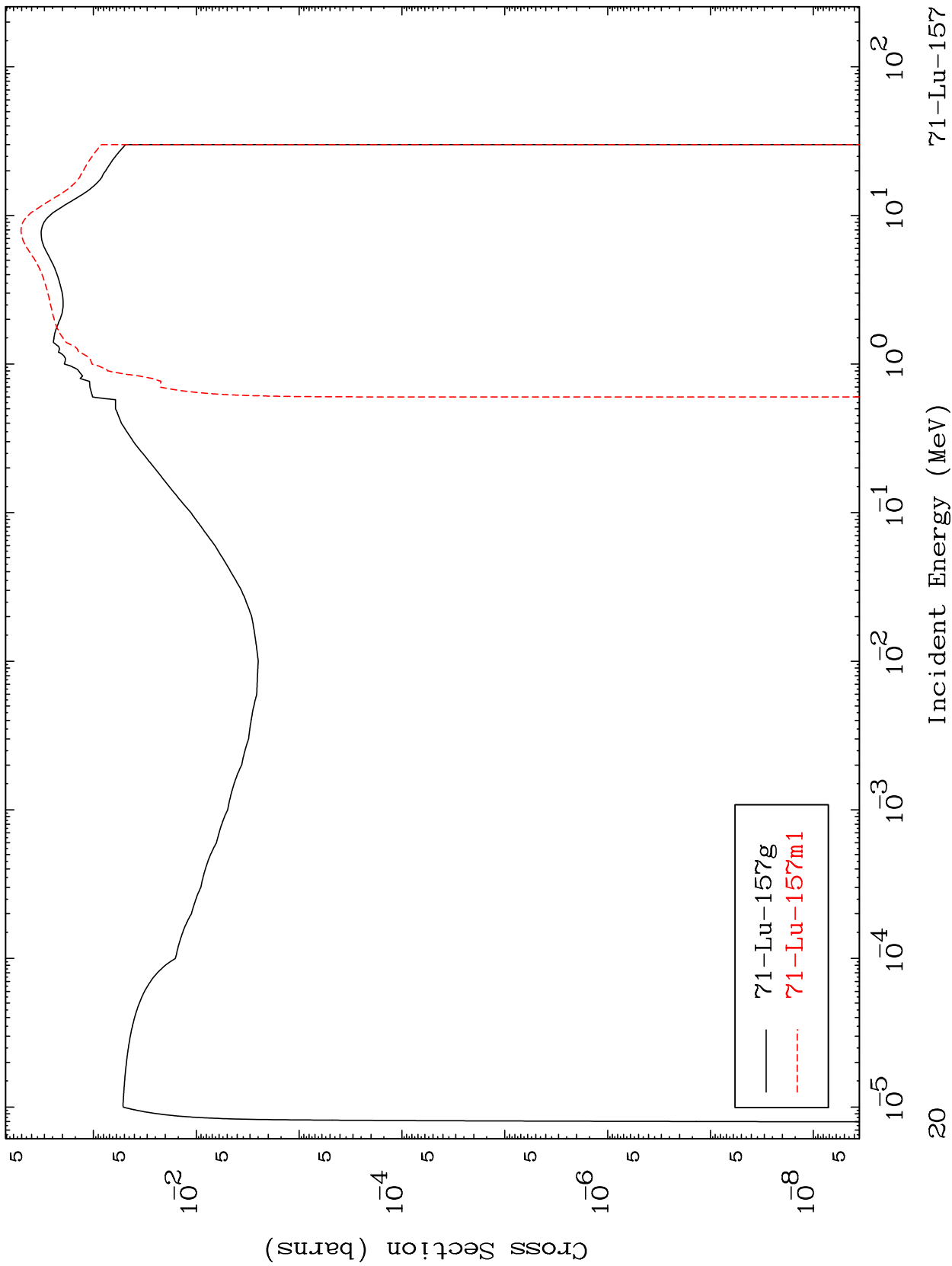




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71-Lu-157

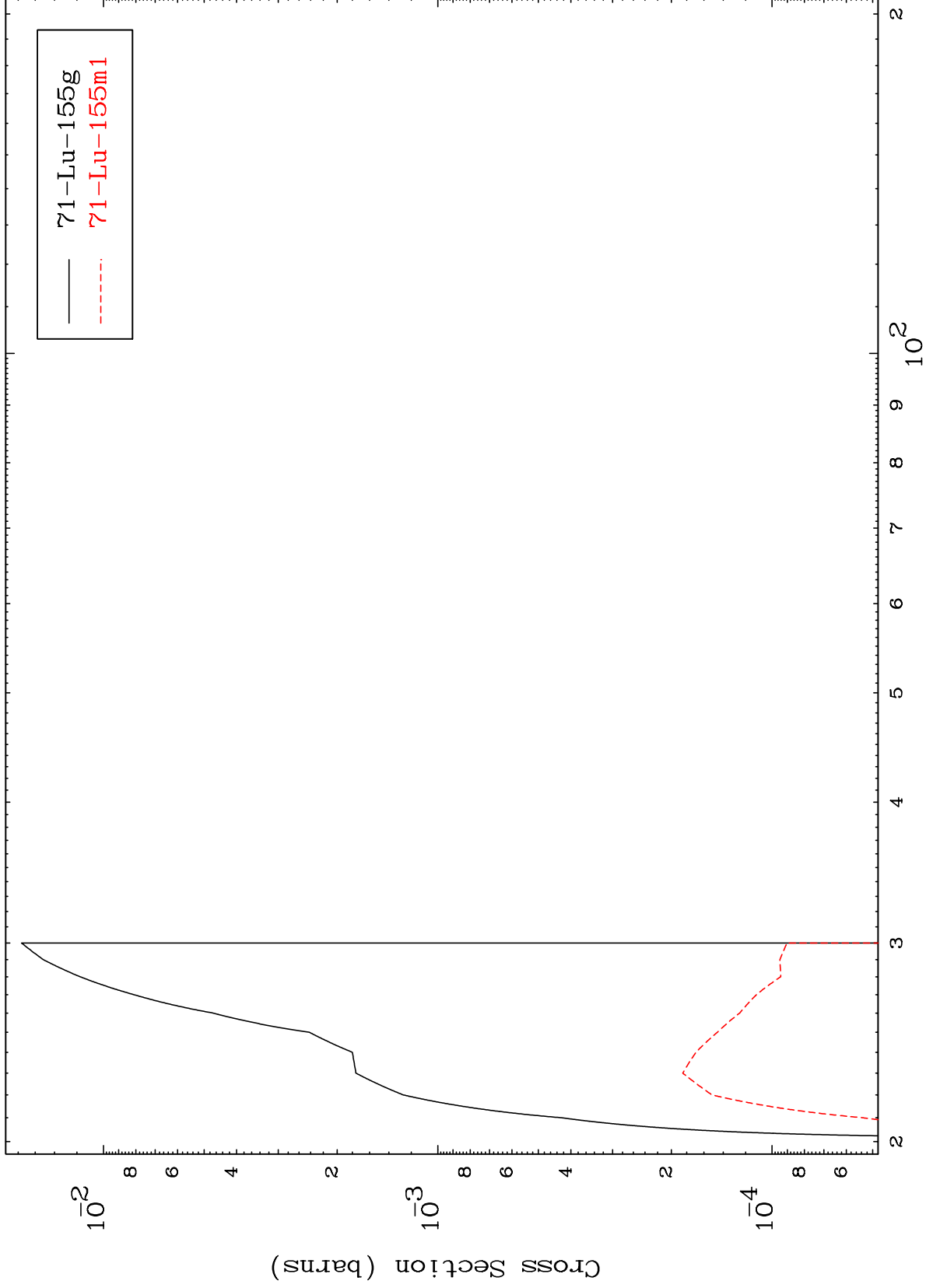
Inelastic  
Radionuclide Production Cross Section



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71-Lu-157

(n,3n)  
Radionuclide Production Cross Section



71-Lu-157

Incident Energy (MeV)

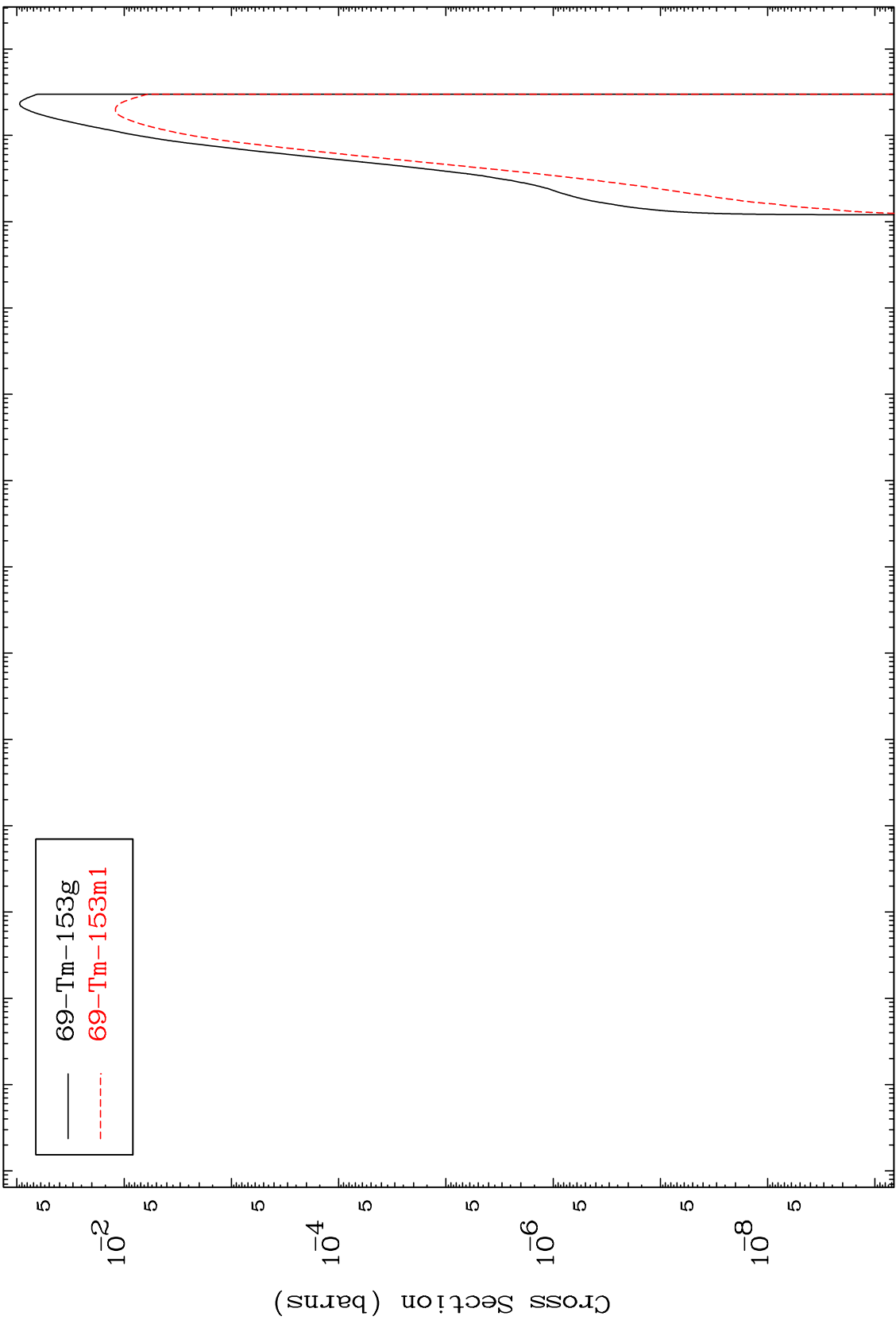
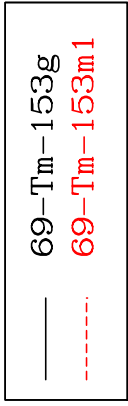
21

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$(n, n') \alpha$

71-Lu-157

Radionuclide Production Cross Section



71-Lu-157

$10^2$

$10^0$

$10^{-2}$

$10^{-4}$

$10^{-6}$

$10^{-8}$

$10^{-10}$

Incident Energy (MeV)

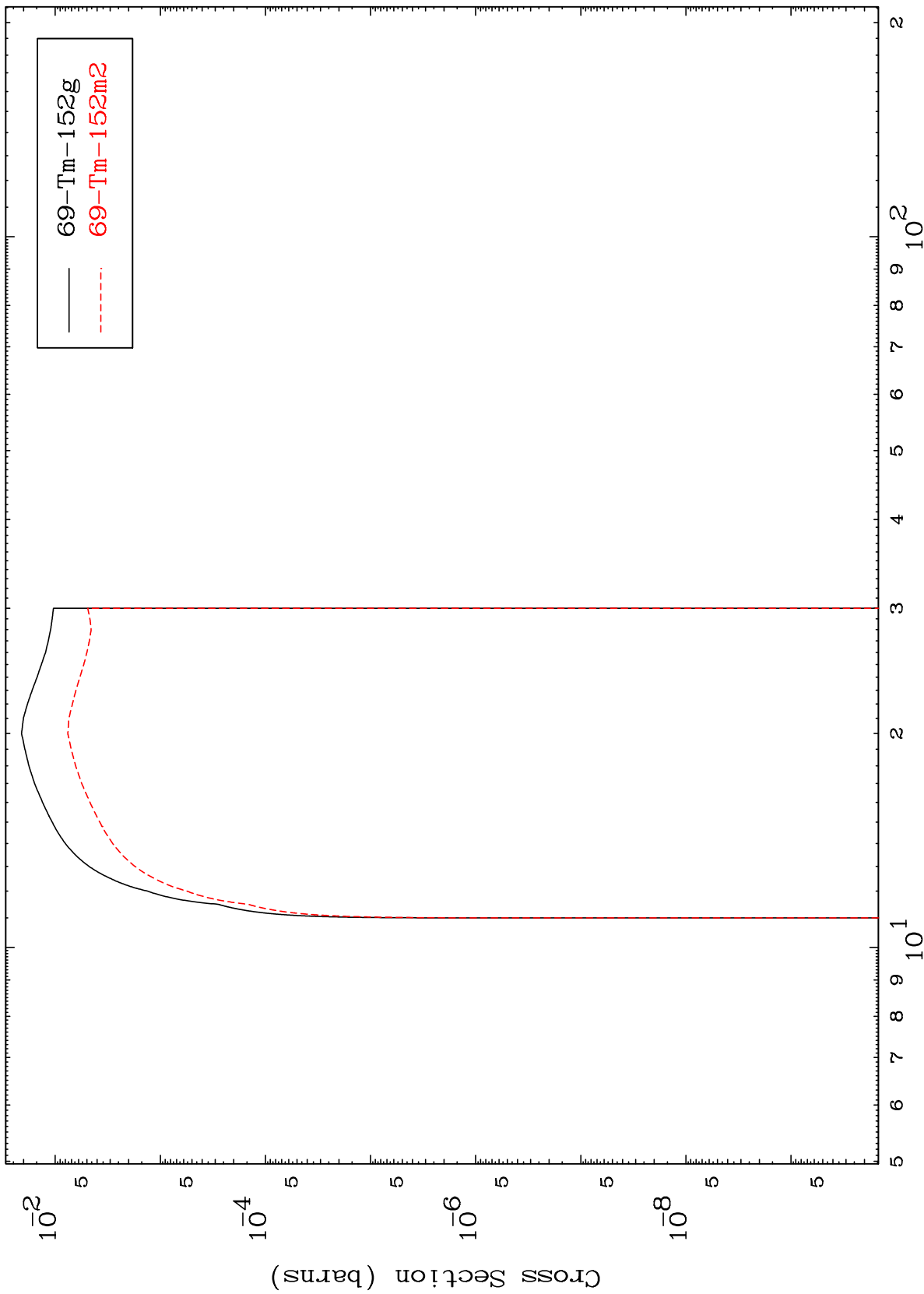
71-Lu-157

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$(n,2n) \alpha$

71-Lu-157

Radionuclide Production Cross Section



23

Incident Energy (MeV)

71-Lu-157

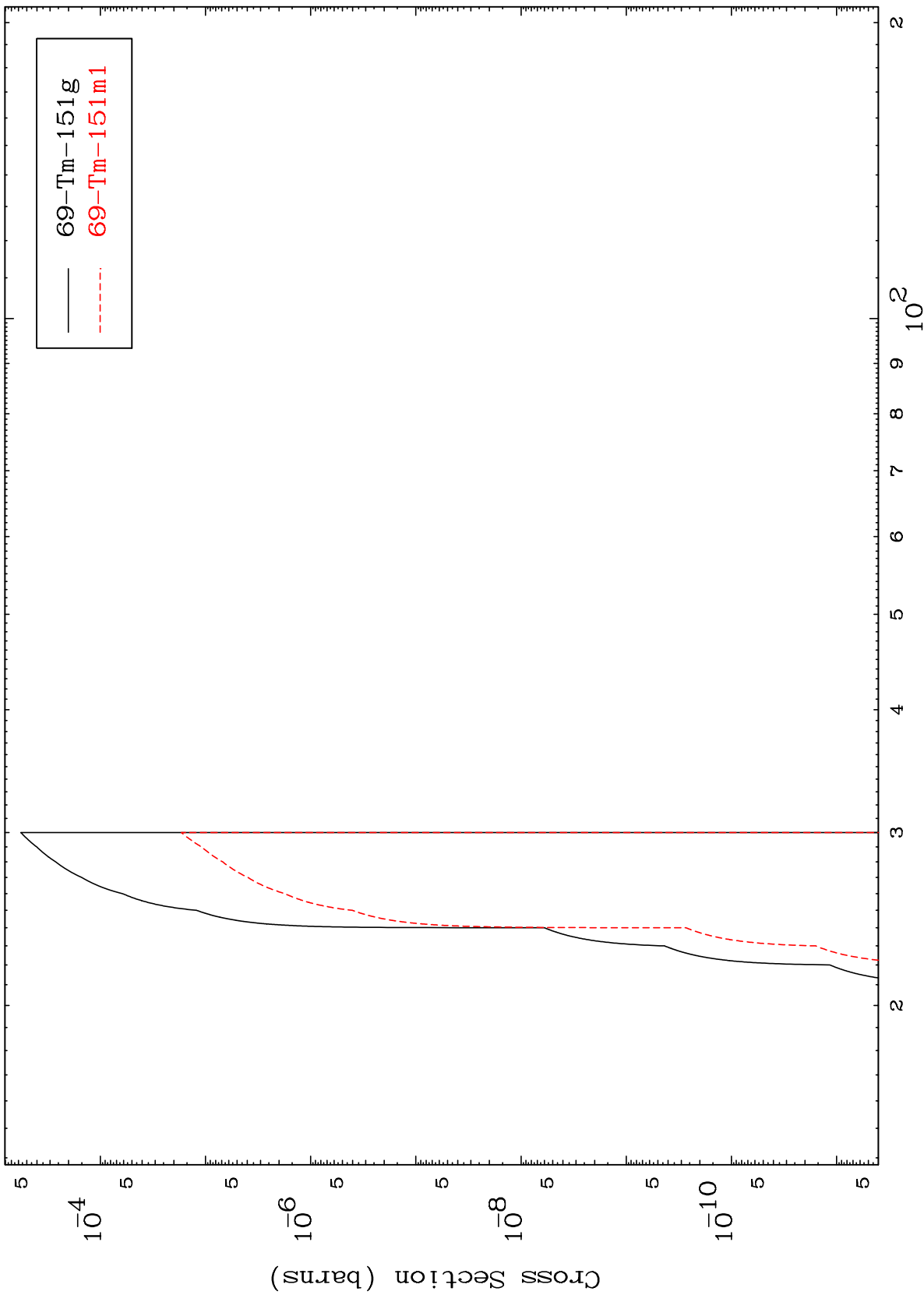


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(n,3n)  $\alpha$

71-Lu-157

Radionuclide Production Cross Section

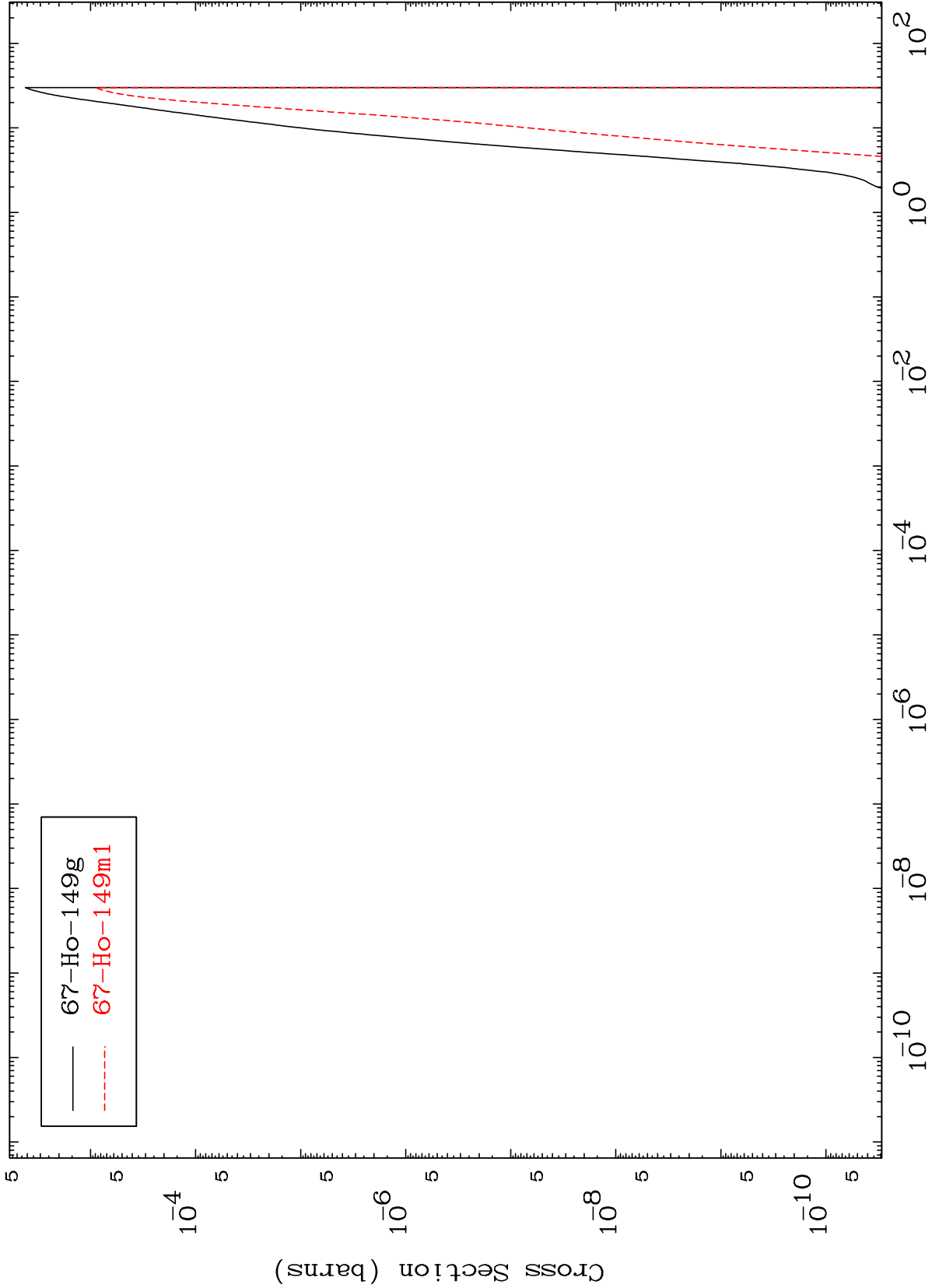


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(n,n') 2α

71-Lu-157

Radionuclide Production Cross Section

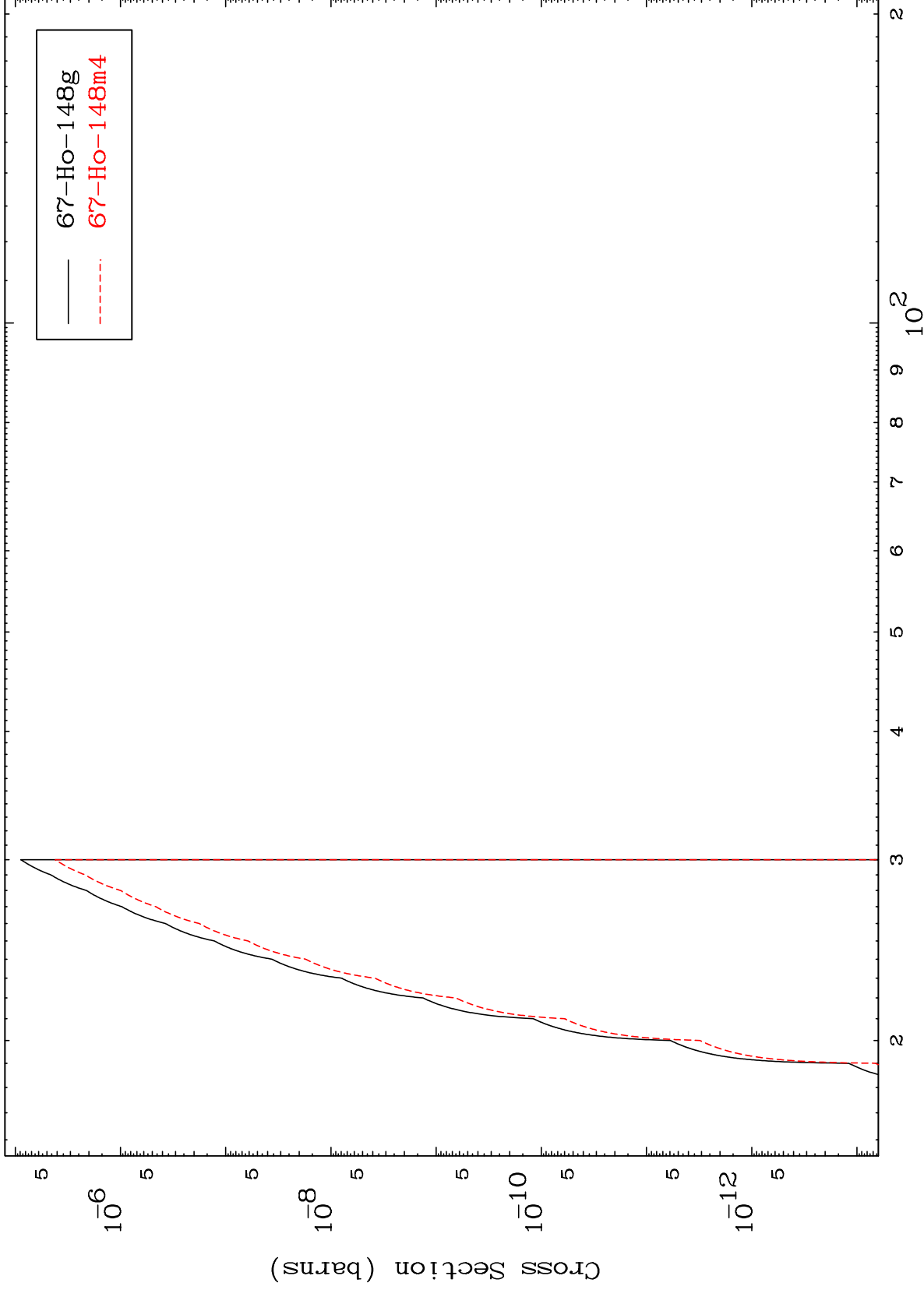


25

Incident Energy (MeV)

71-Lu-157

Radionuclide Production Cross Section

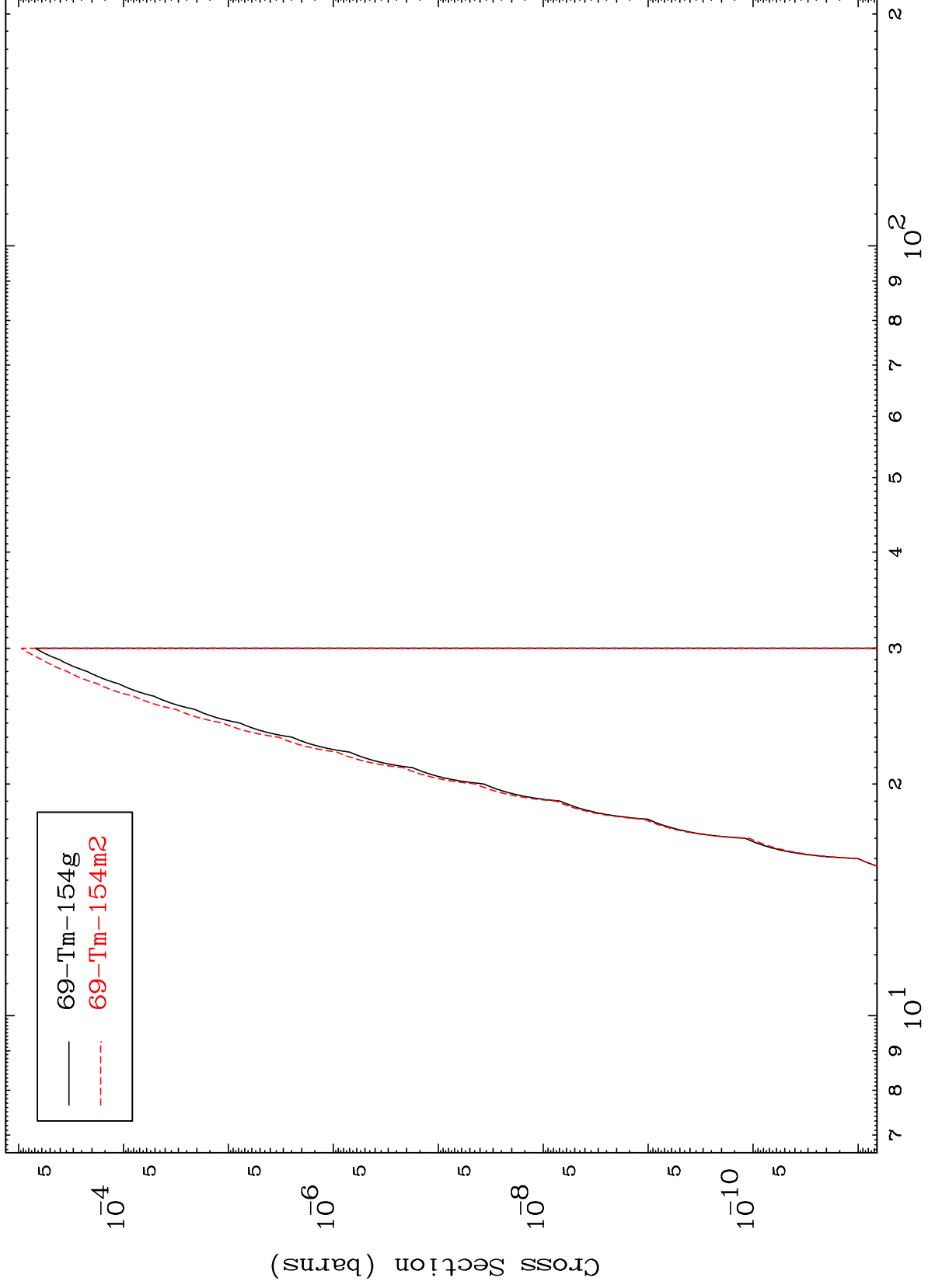


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(n,n') He-3

71-Lu-157

Radionuclide Production Cross Section



69-Tm-154g  
69-Tm-154m2

27

Incident Energy (MeV)

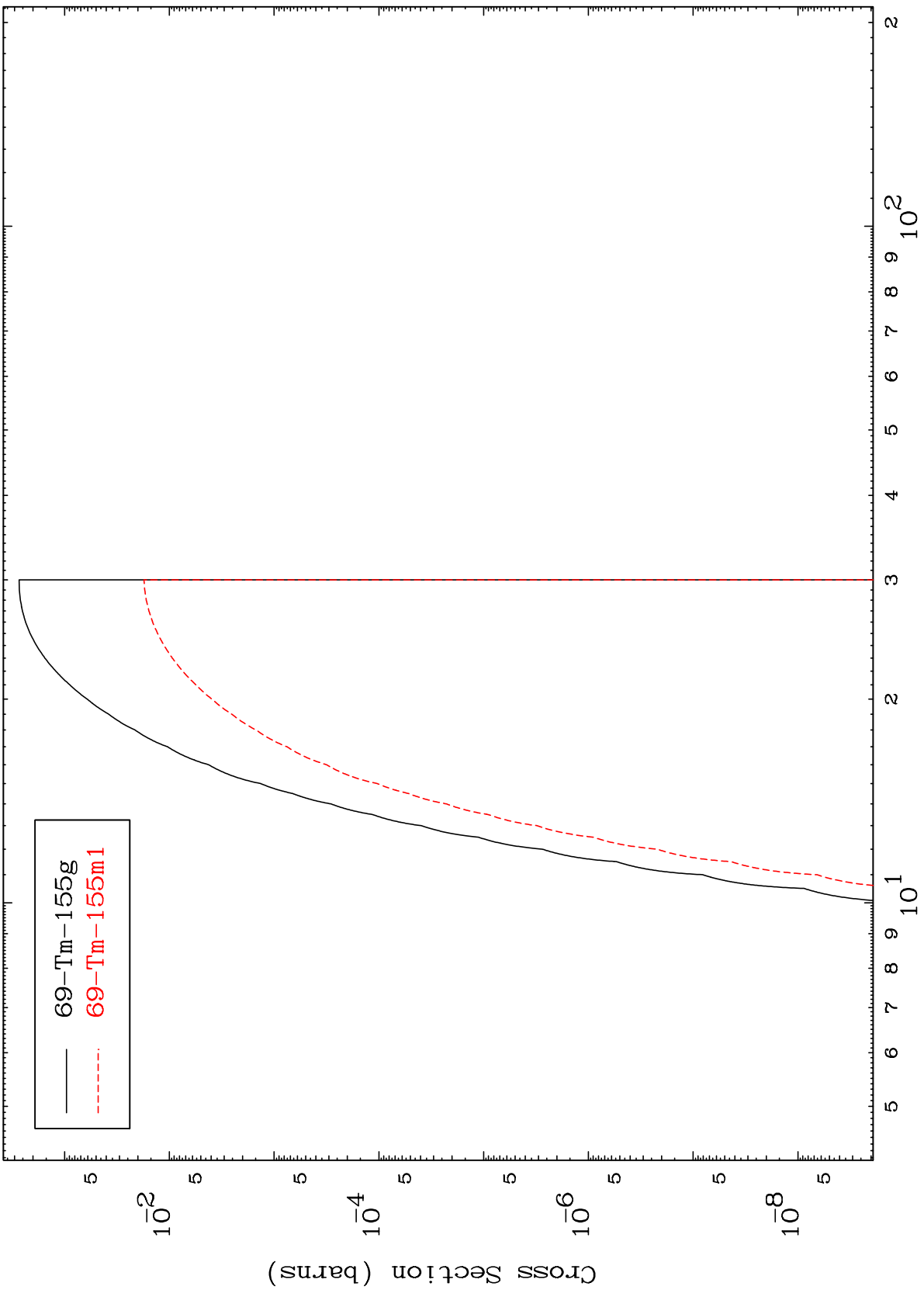
71-Lu-157

MAT 7072

(n,2n) p

71-Lu-157

Radionuclide Production Cross Section



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

28

Incident Energy (MeV)

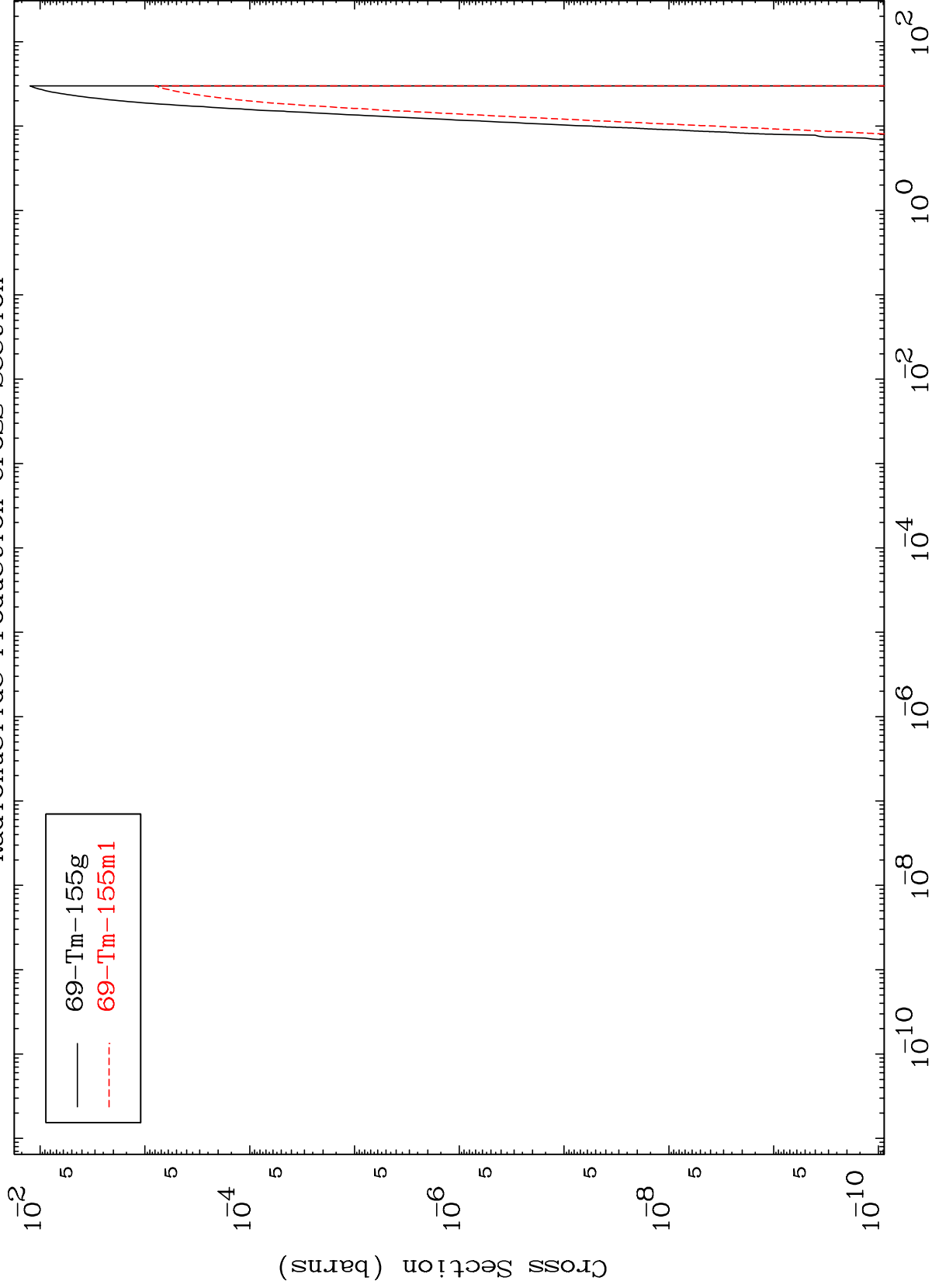
71-Lu-157

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(n,He-3)

71-Lu-157

Radionuclide Production Cross Section



29

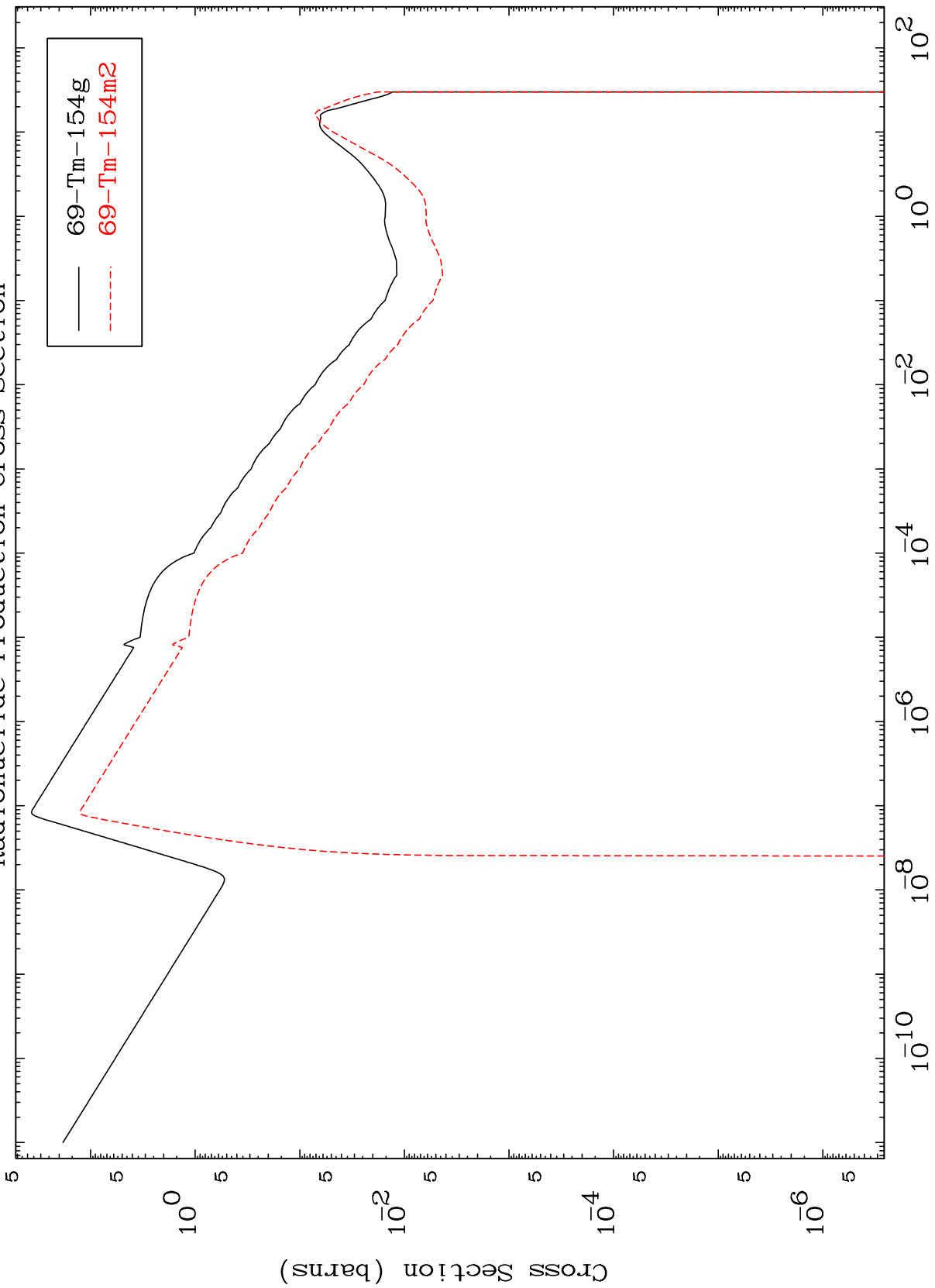
Incident Energy (MeV)

71-Lu-157

MAT 7072

71-Lu-157

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



30

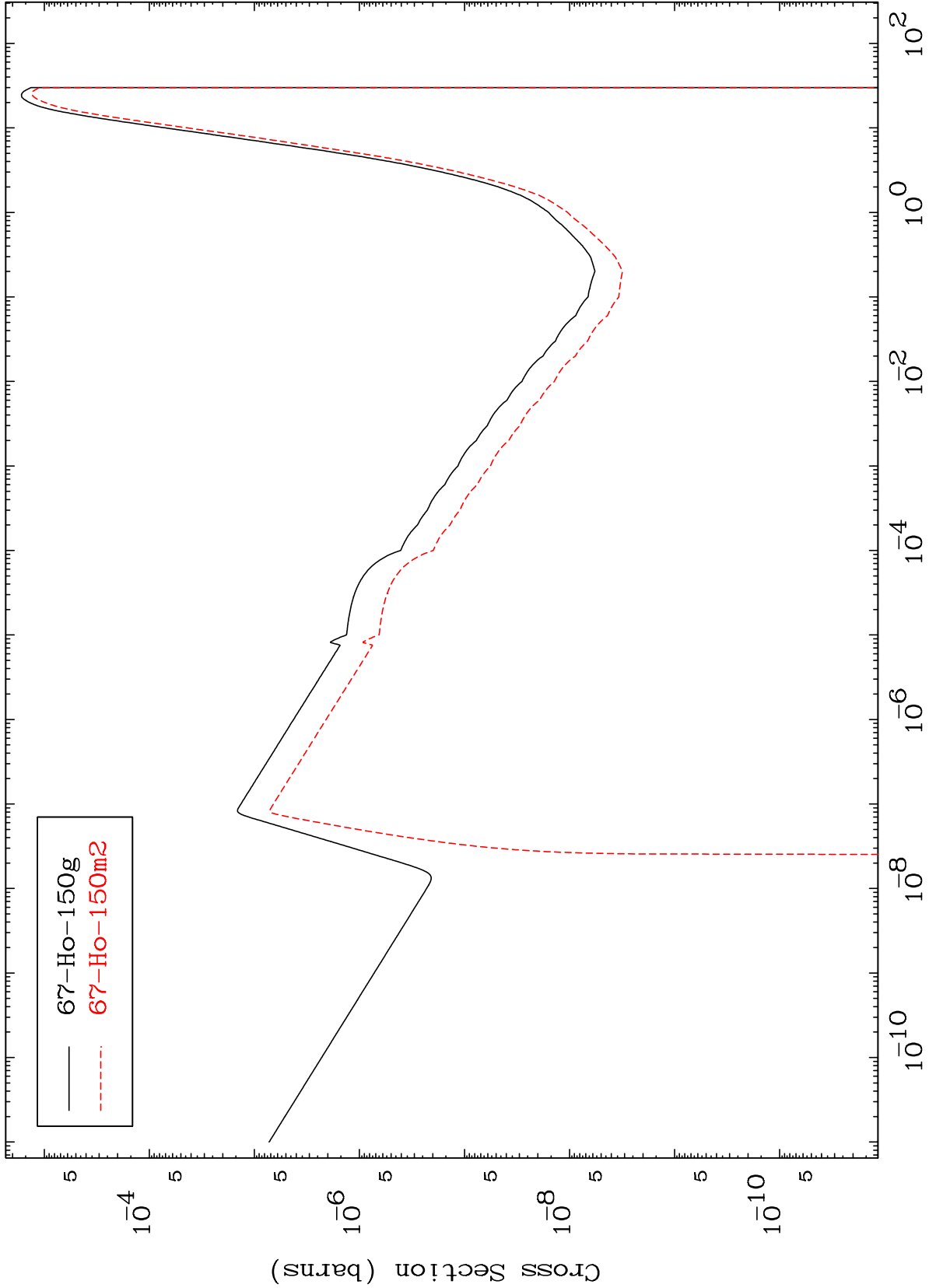
71-Lu-157

MAT 7072

(n,2α)

71-Lu-157

Radionuclide Production Cross Section



67-Ho-150g  
67-Ho-150m2

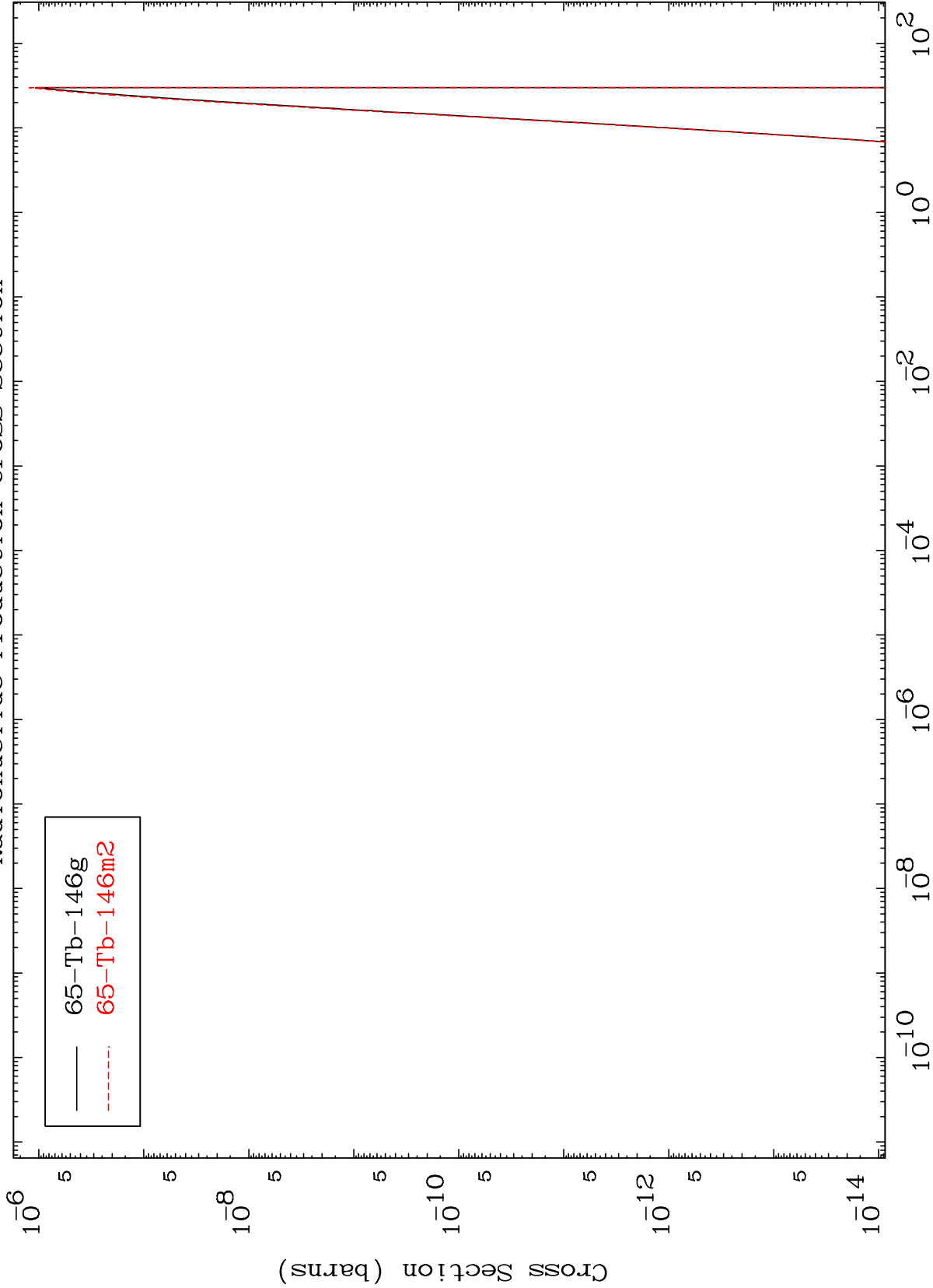


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(n,3 $\alpha$ )

<sup>71</sup>Lu-157

Radionuclide Production Cross Section



32

Incident Energy (MeV)

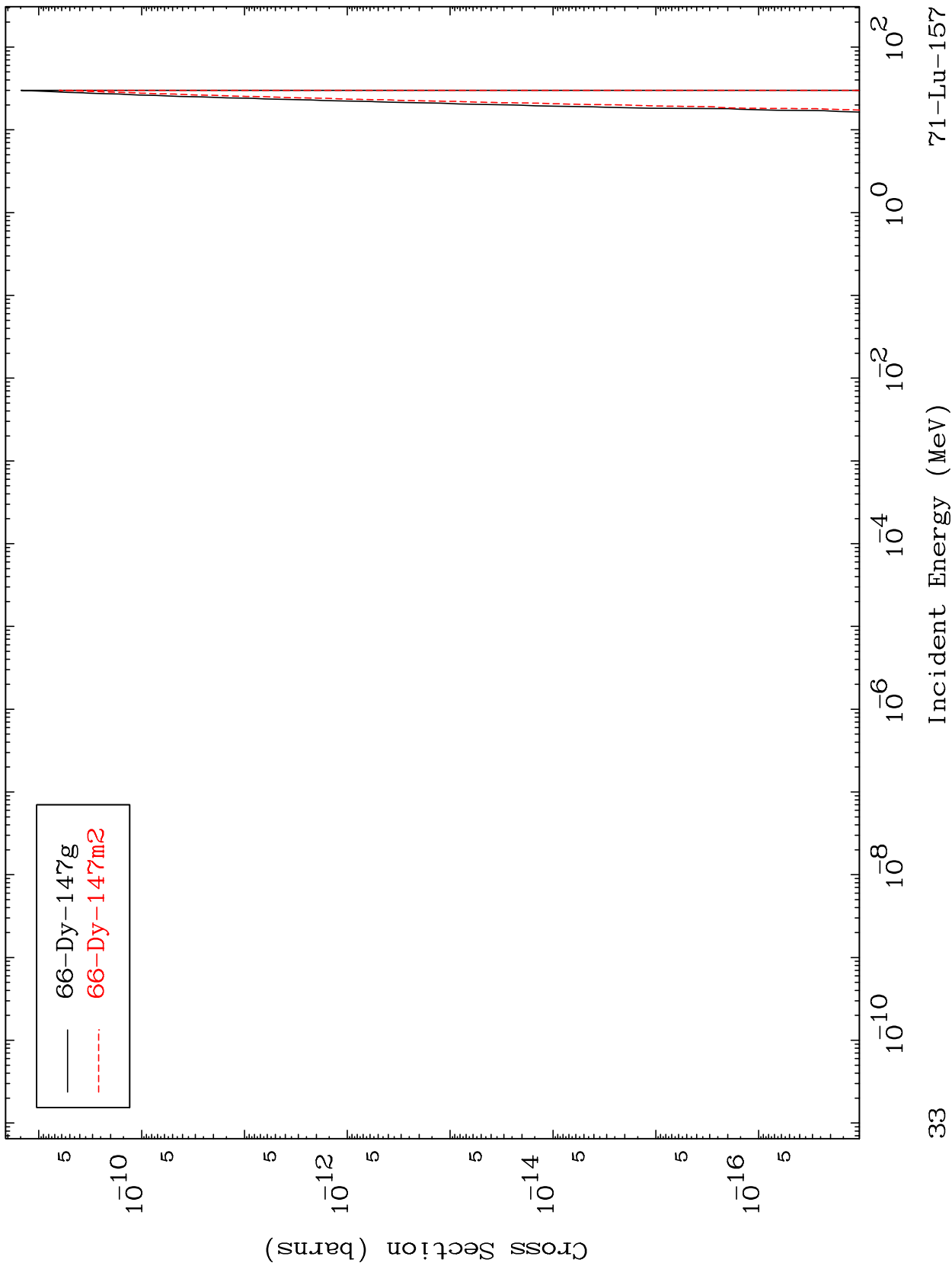
<sup>71</sup>Lu-157

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(n,t) 2 $\alpha$

71-Lu-157

Radionuclide Production Cross Section

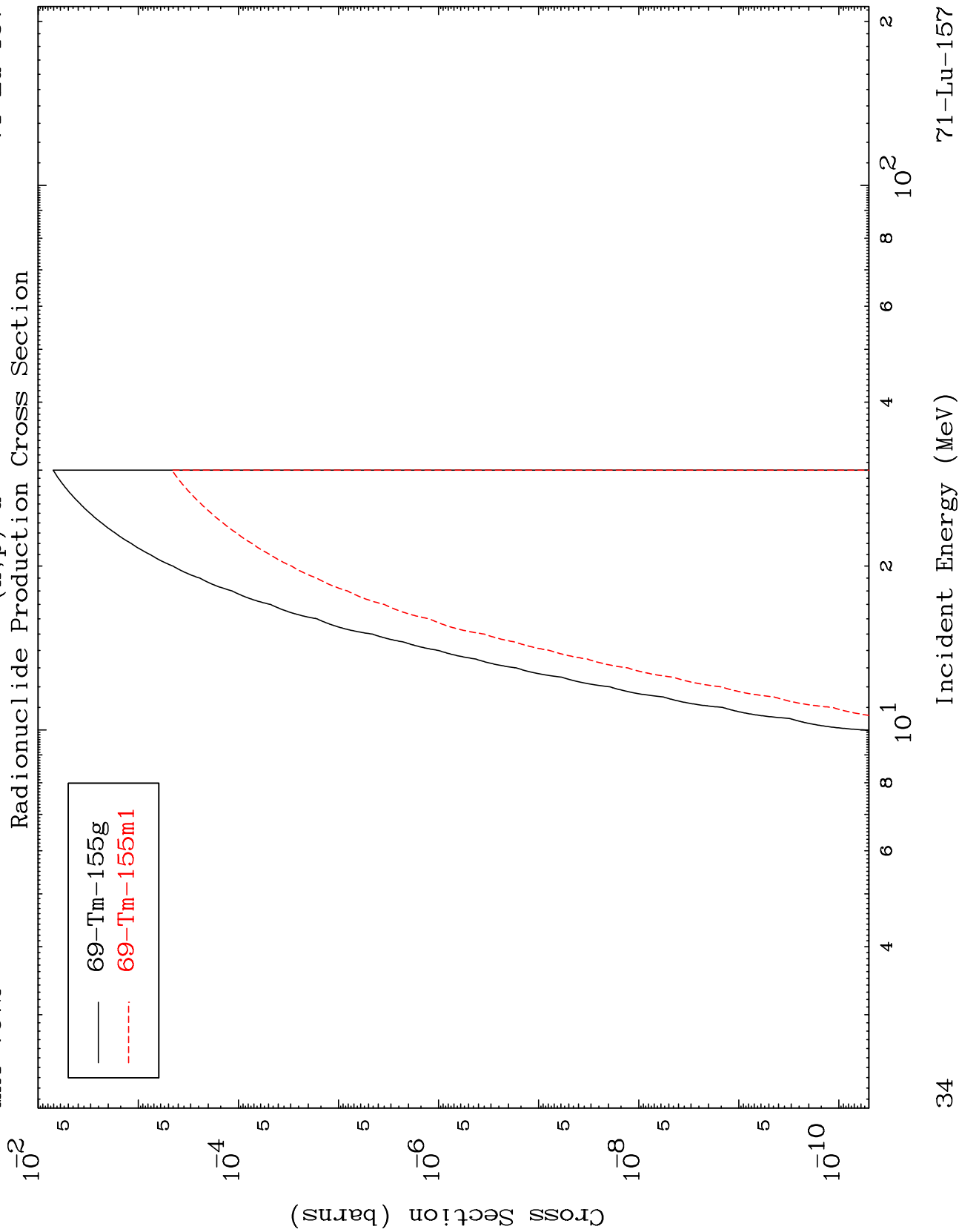


MAT 7072

(n,p) d

71-Lu-157

Radionuclide Production Cross Section



Radionuclide Production Cross Section

