

Program EVALPLOT
(Version 2015-2)

by

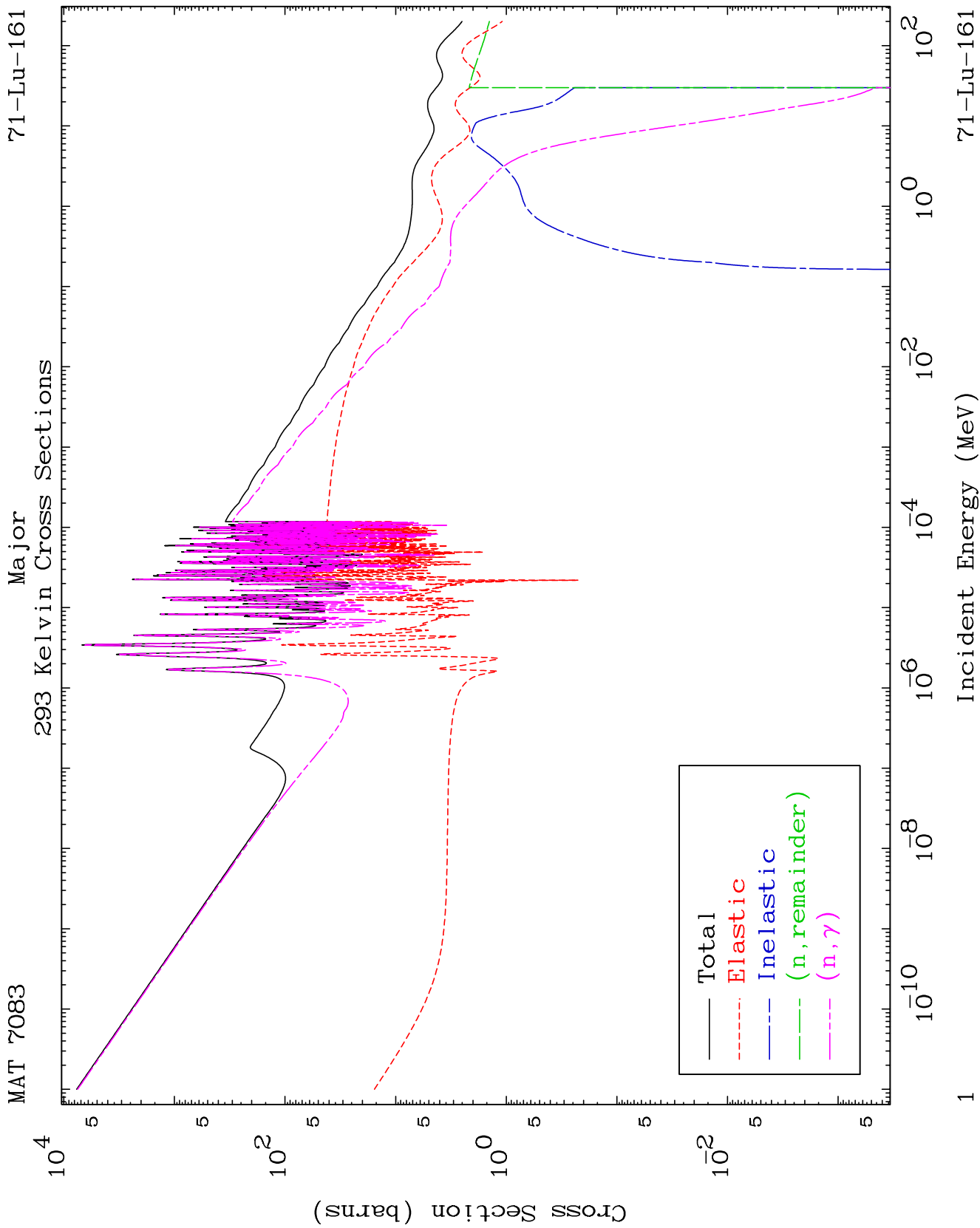
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(Present Contact Information)

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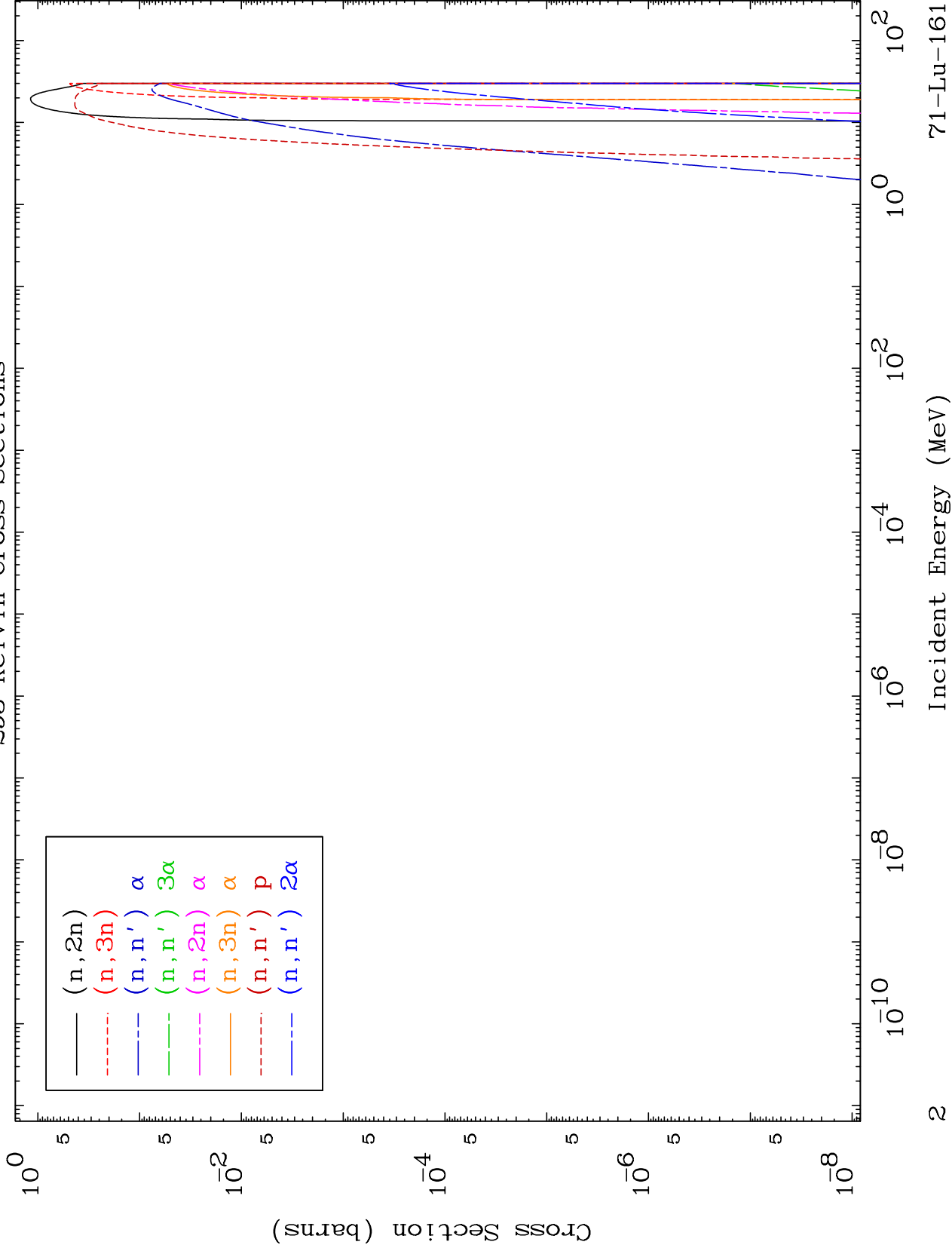
Press Mouse Button to Start

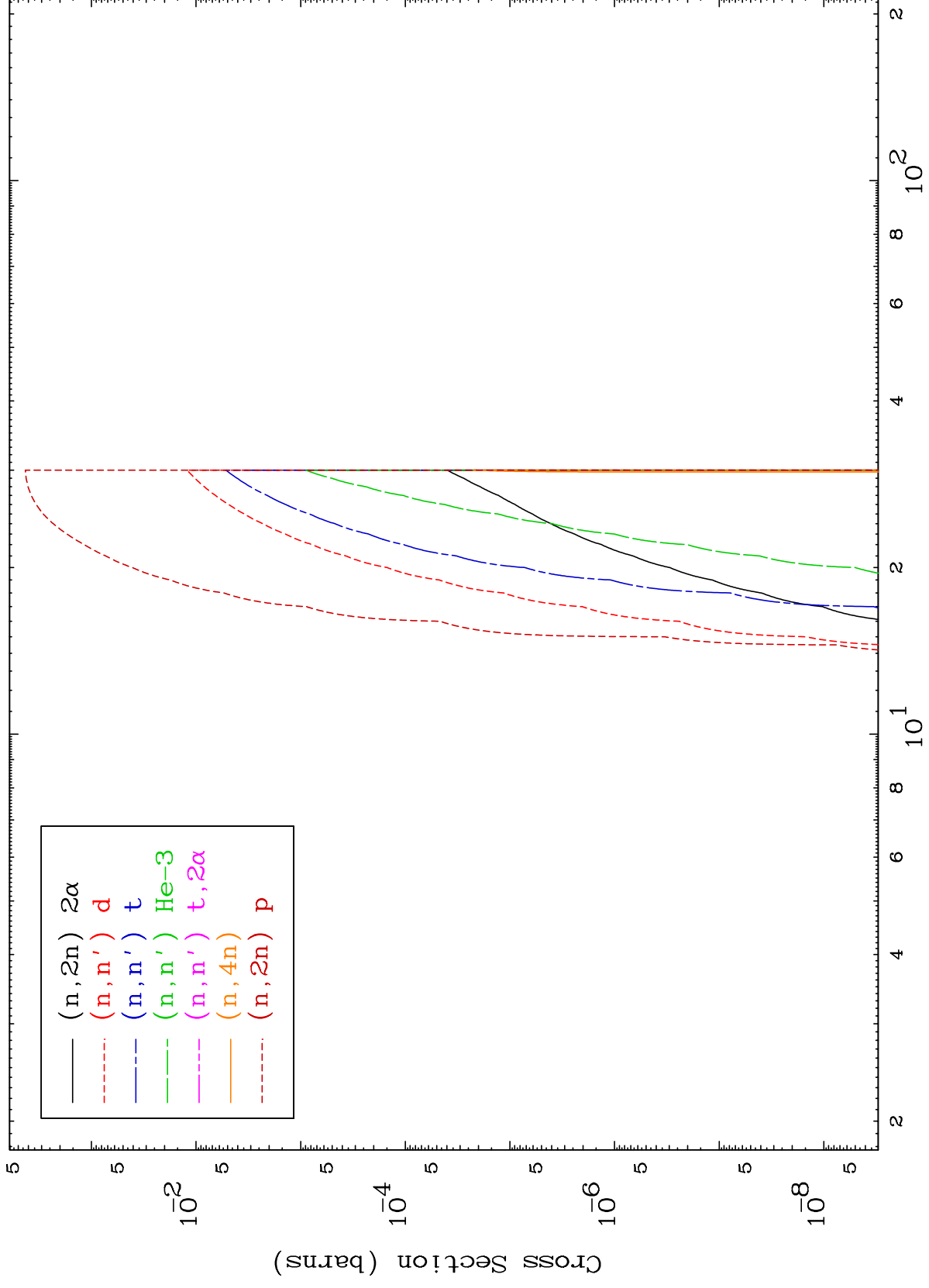


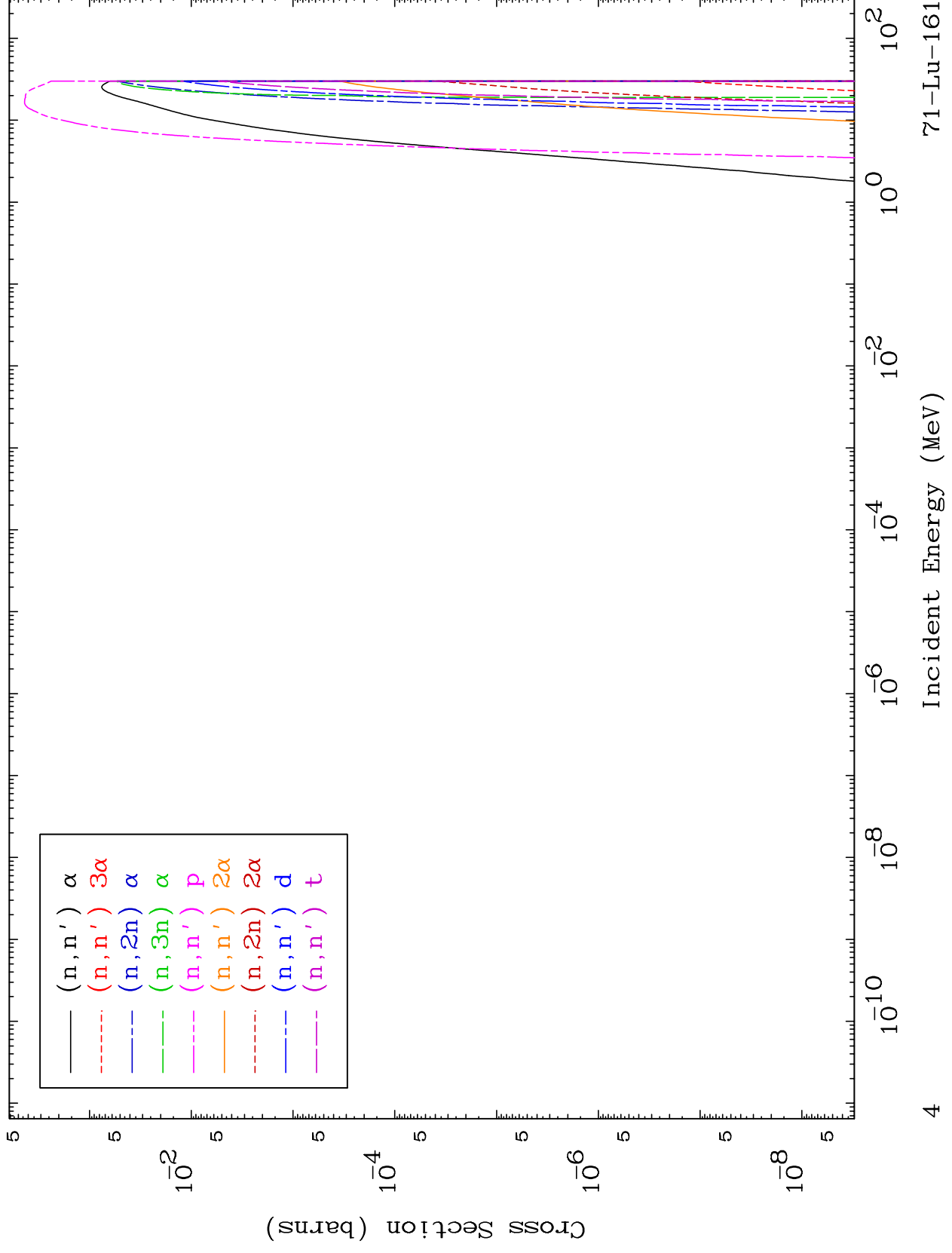
MAT 7083

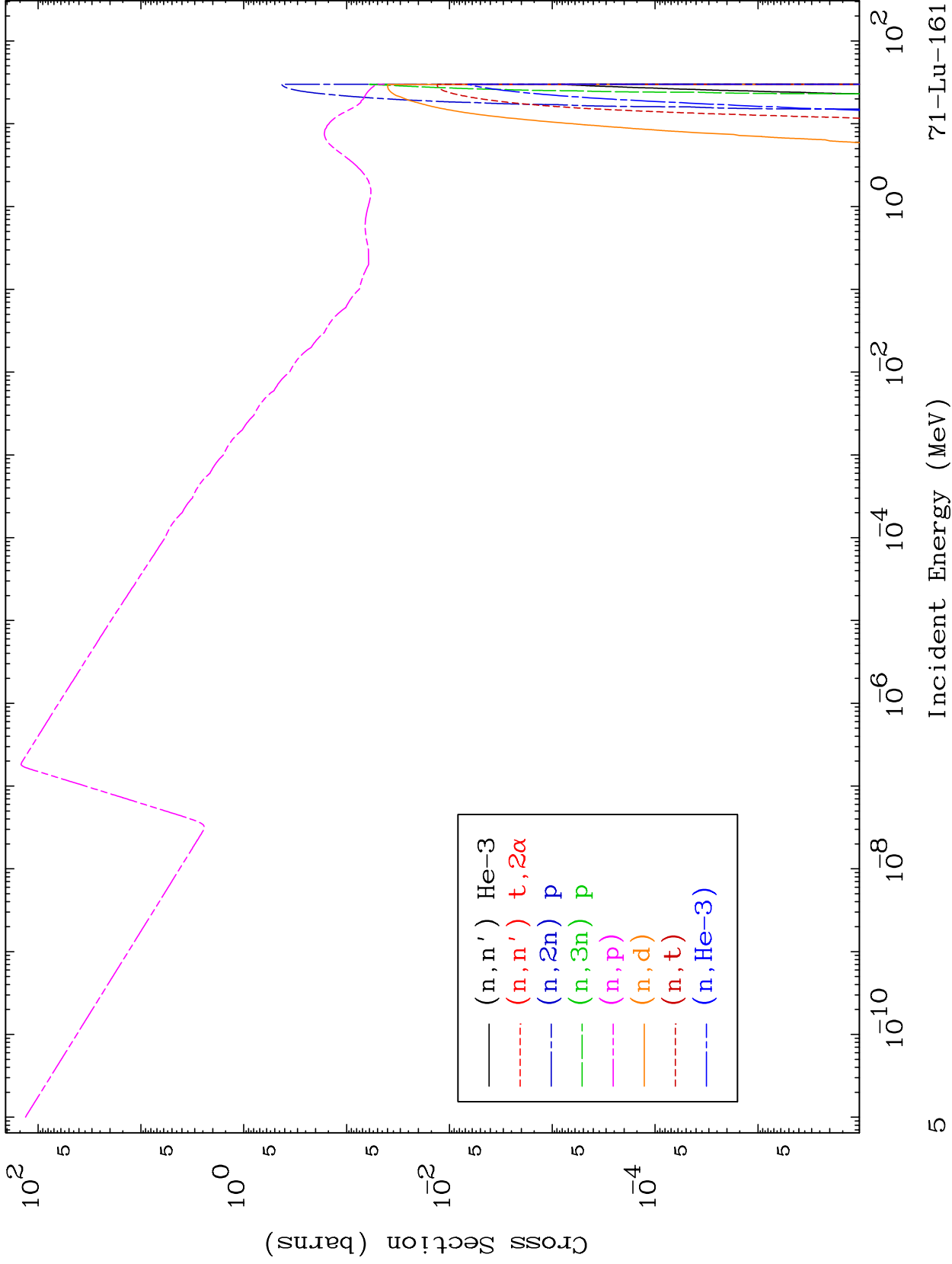
Neutron Production
293 Kelvin Cross Sections

71-Lu-161





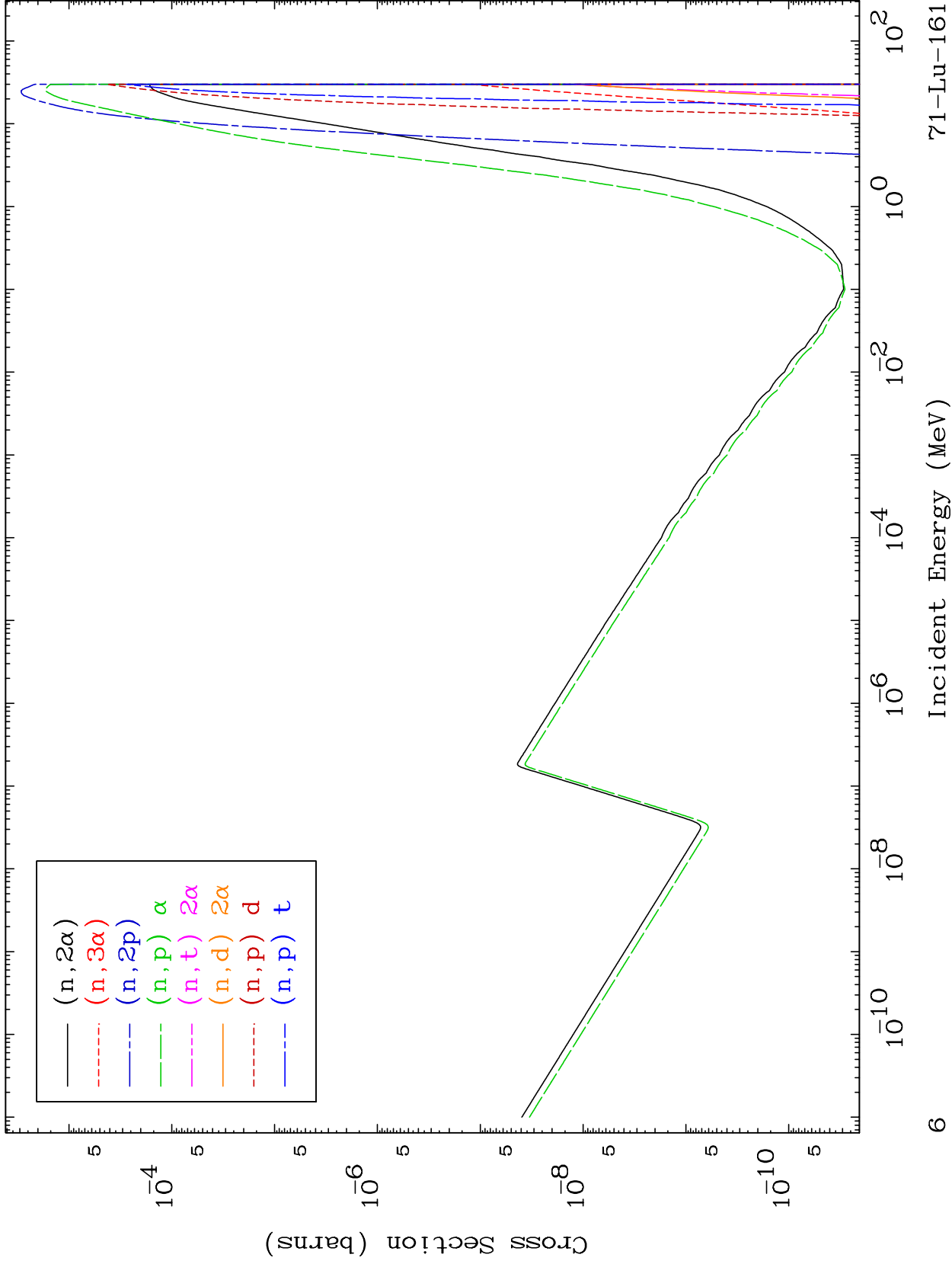




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Charged Particle
293 Kelvin Cross Sections

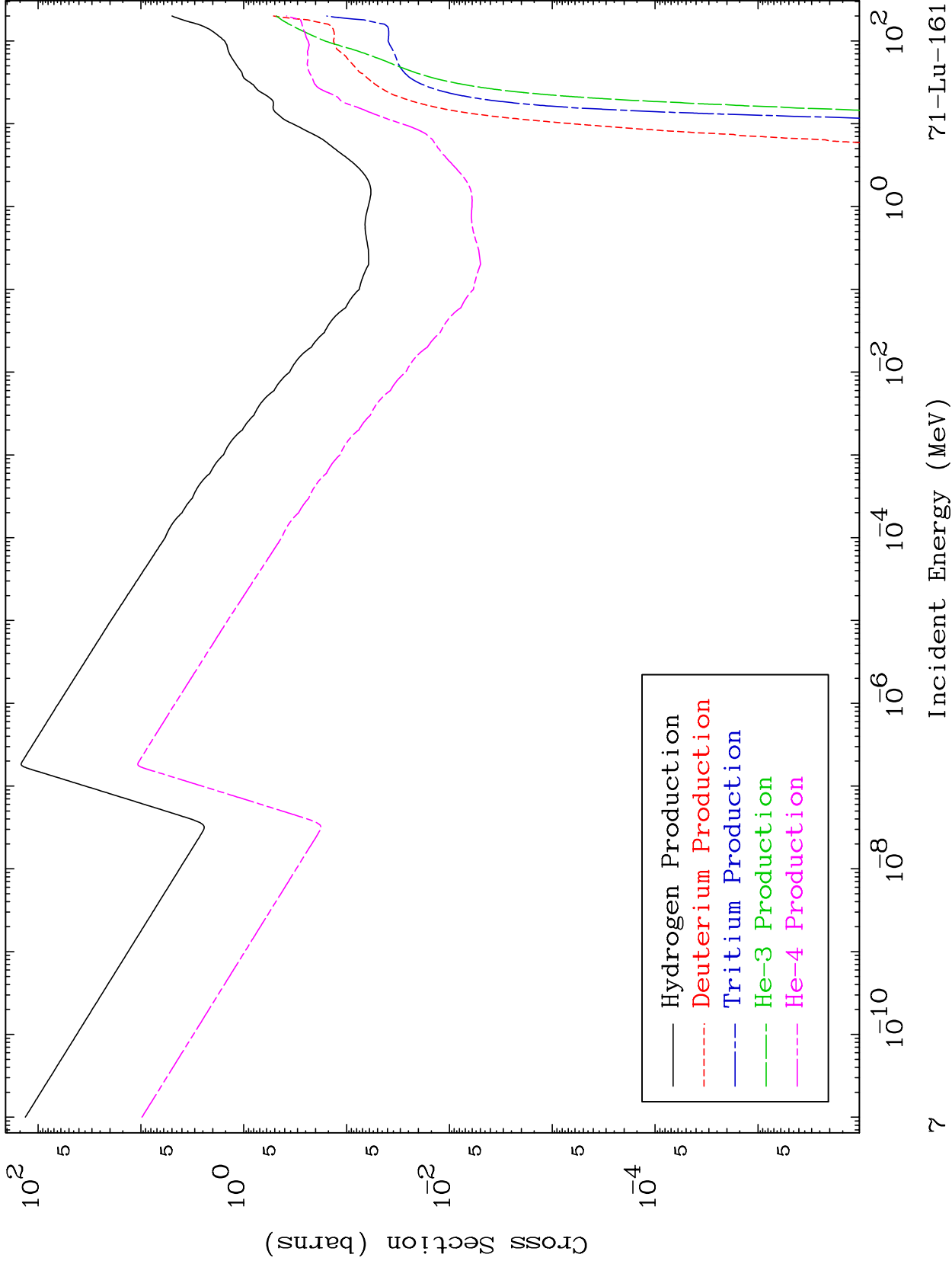
71-Lu-161



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Particle Production
293 Kelvin Cross Sections

71-Lu-161

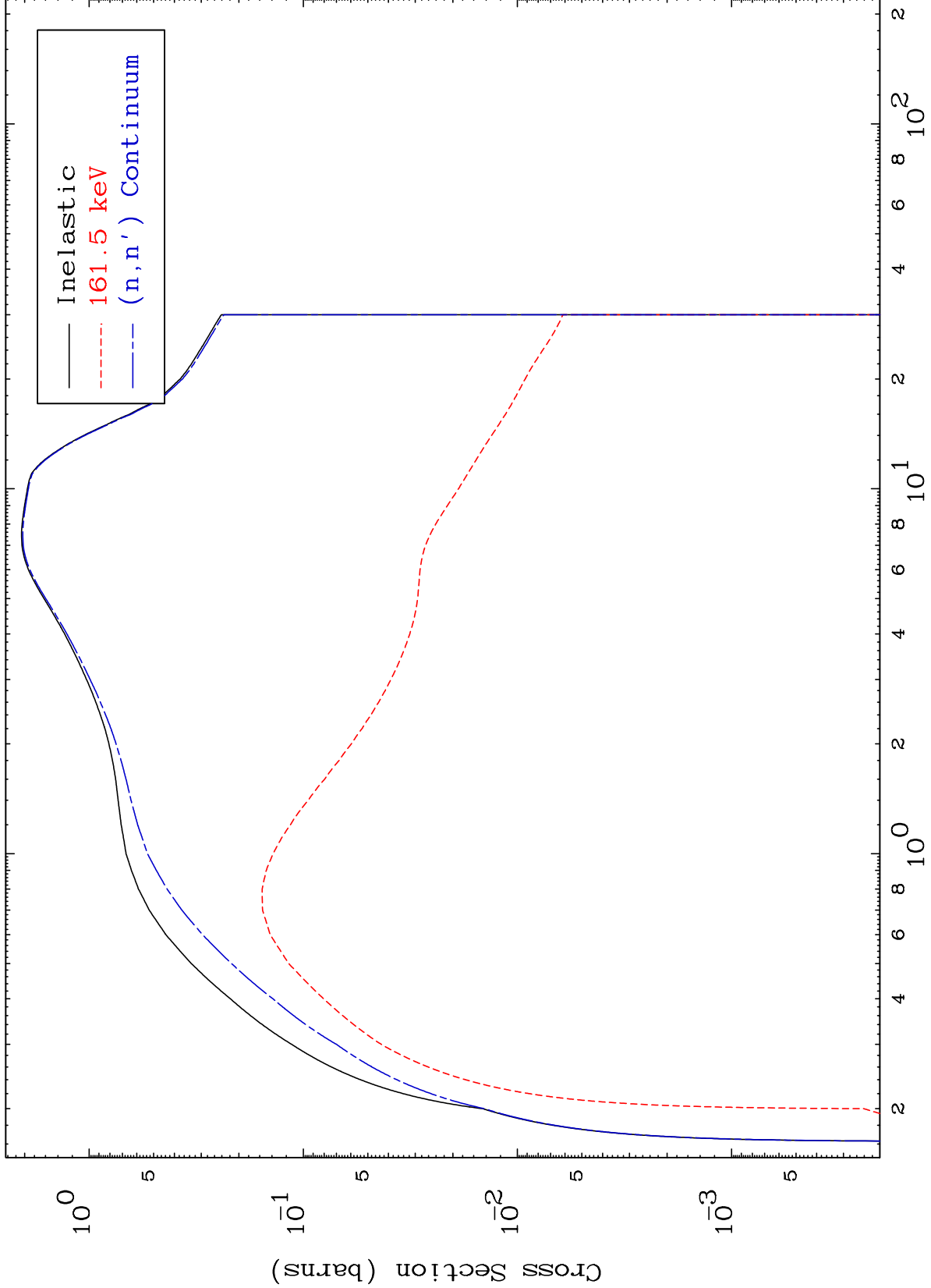


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(n,n') Level

71-Lu-161

293 Kelvin Cross Sections



8

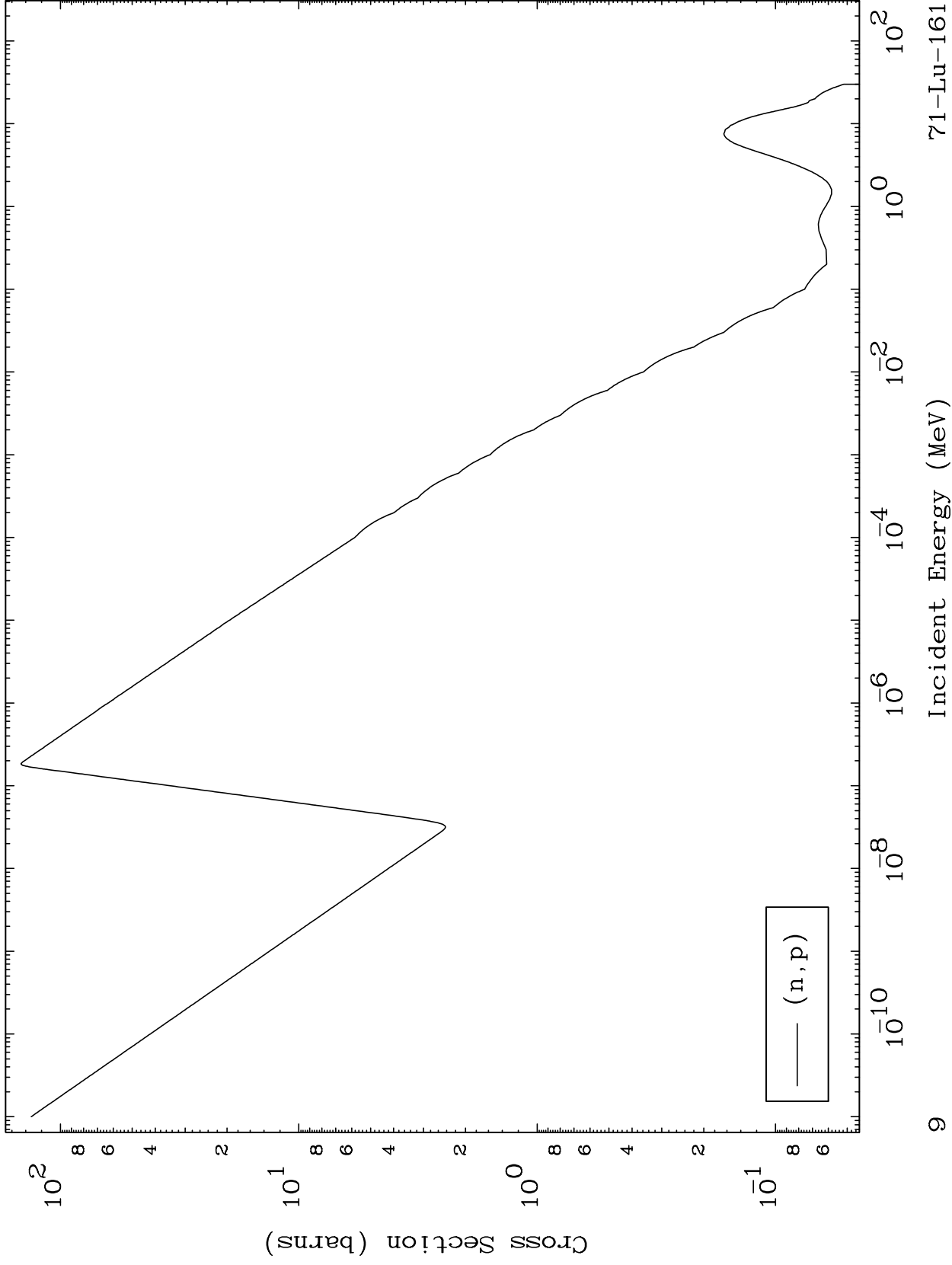
Incident Energy (MeV)

71-Lu-161

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(n,p) Levels
293 Kelvin Cross Sections

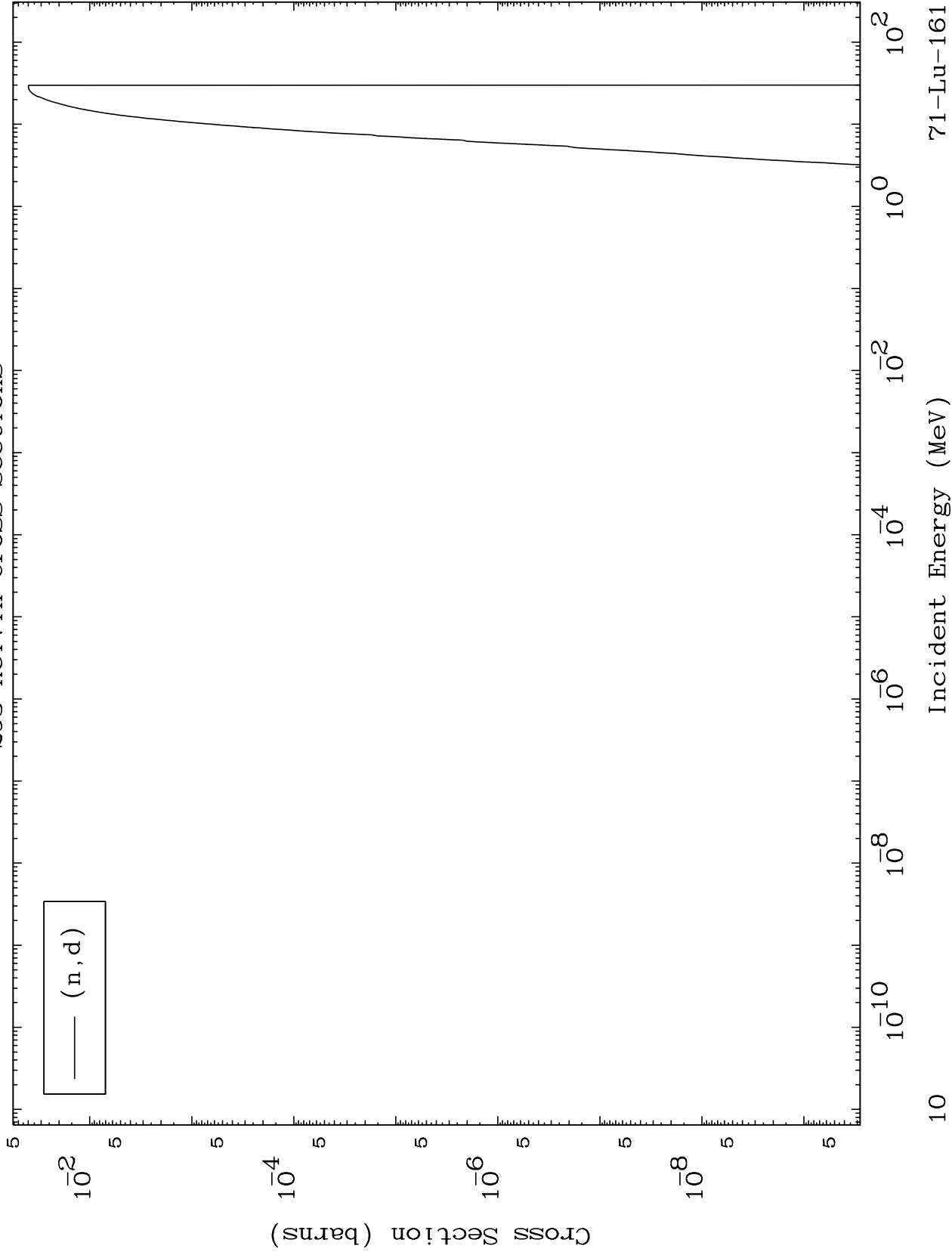
71-Lu-161



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(n,d) Levels
293 Kelvin Cross Sections

71-Lu-161



10

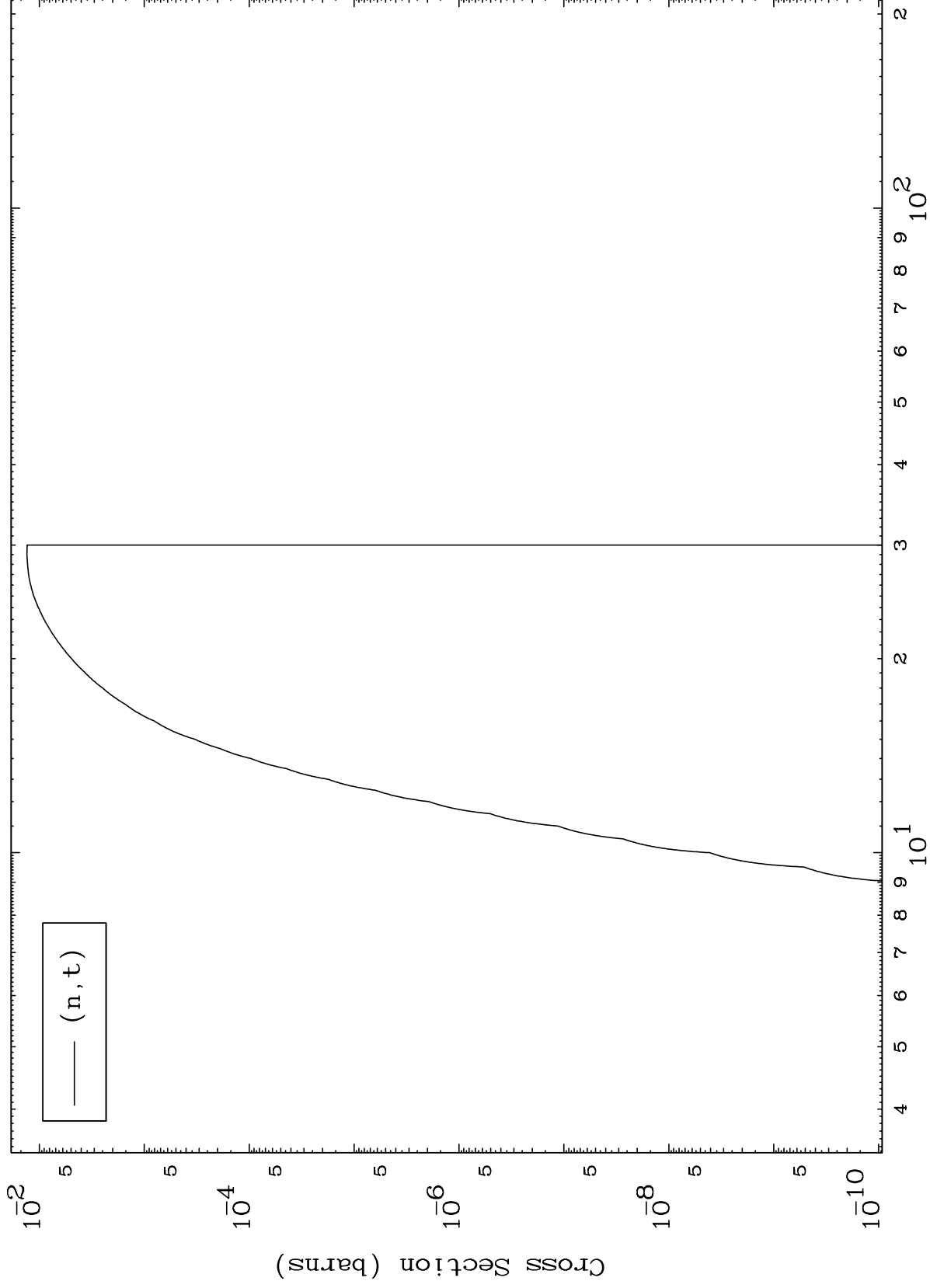
Incident Energy (MeV)

71-Lu-161

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(n,t) Levels
293 Kelvin Cross Sections

71-Lu-161



11

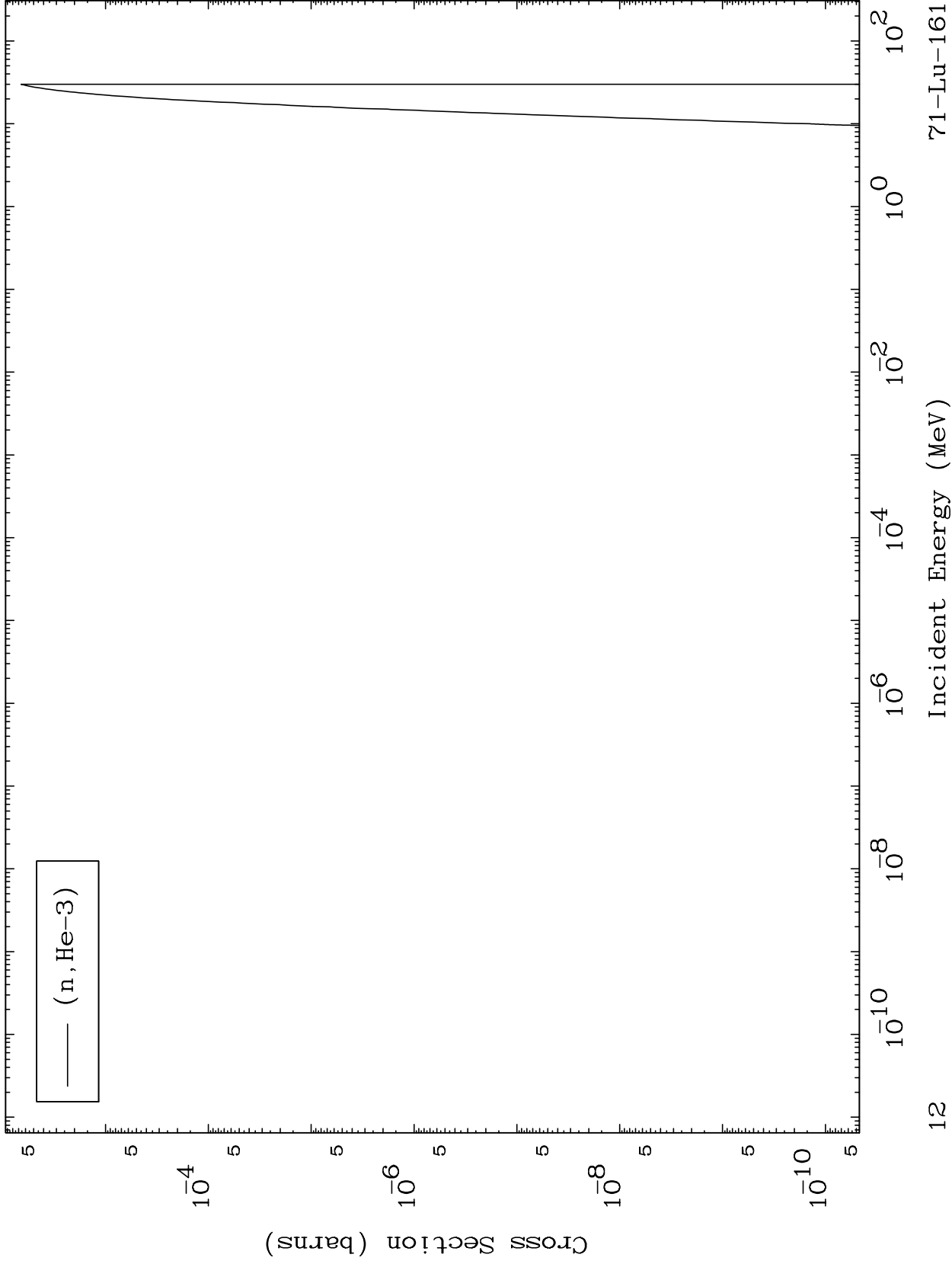
Incident Energy (MeV)

71-Lu-161

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(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-161



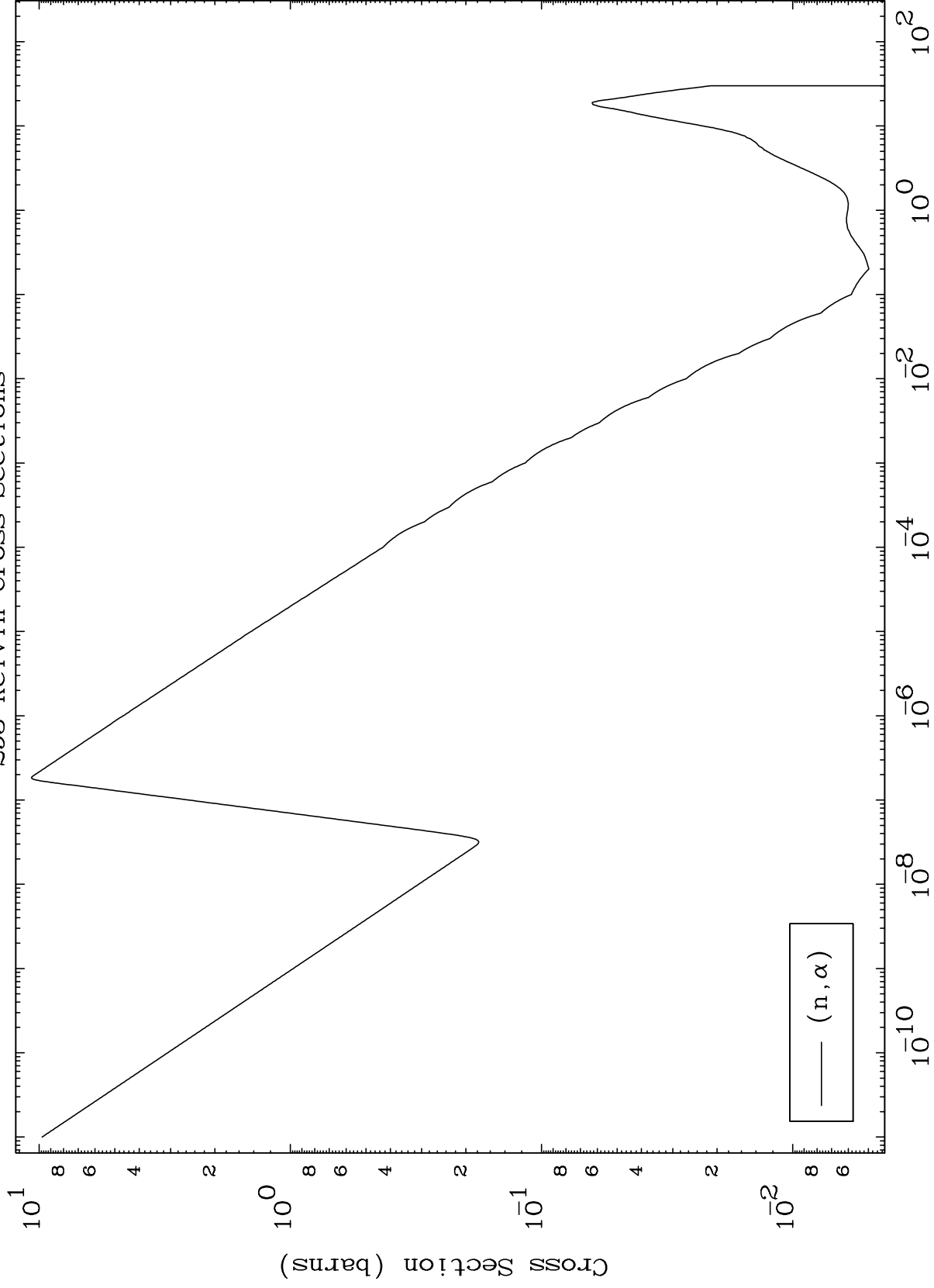
12

71-Lu-161

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(n, α) Levels
293 Kelvin Cross Sections

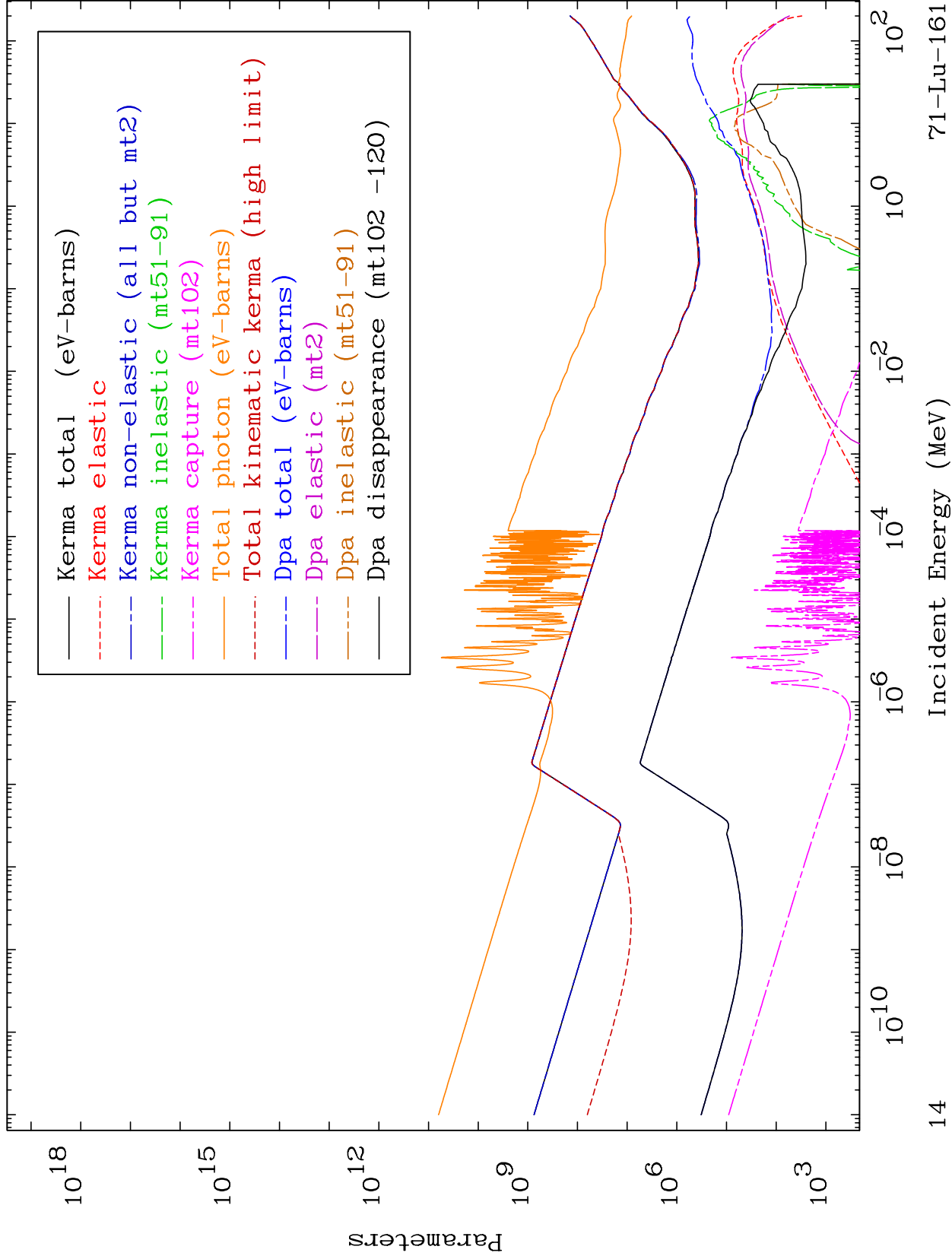
71-Lu-161



13

Incident Energy (MeV)

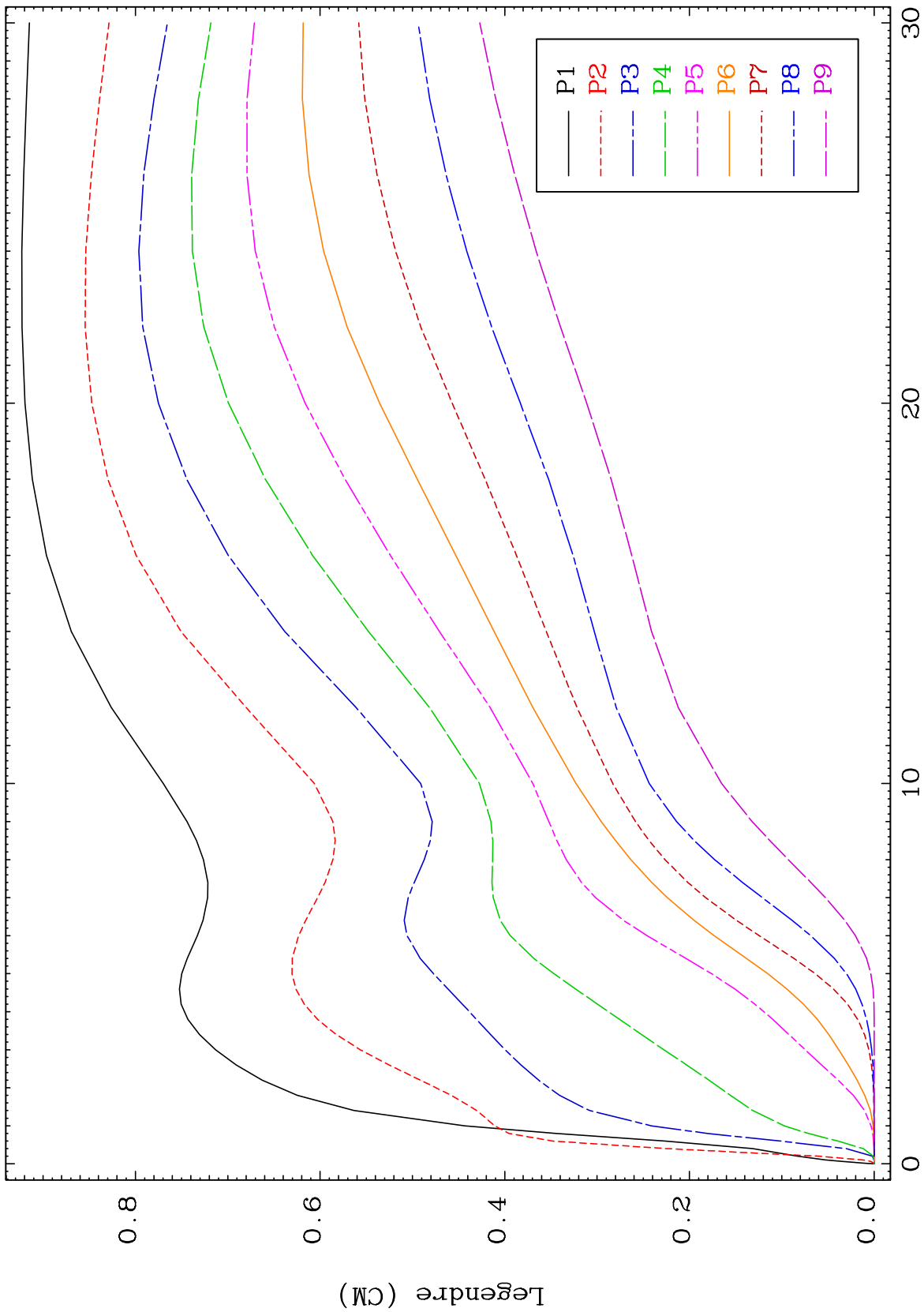
71-Lu-161



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Elastic Legendre Coefficients

71-Lu-161



15

Incident Energy (MeV)

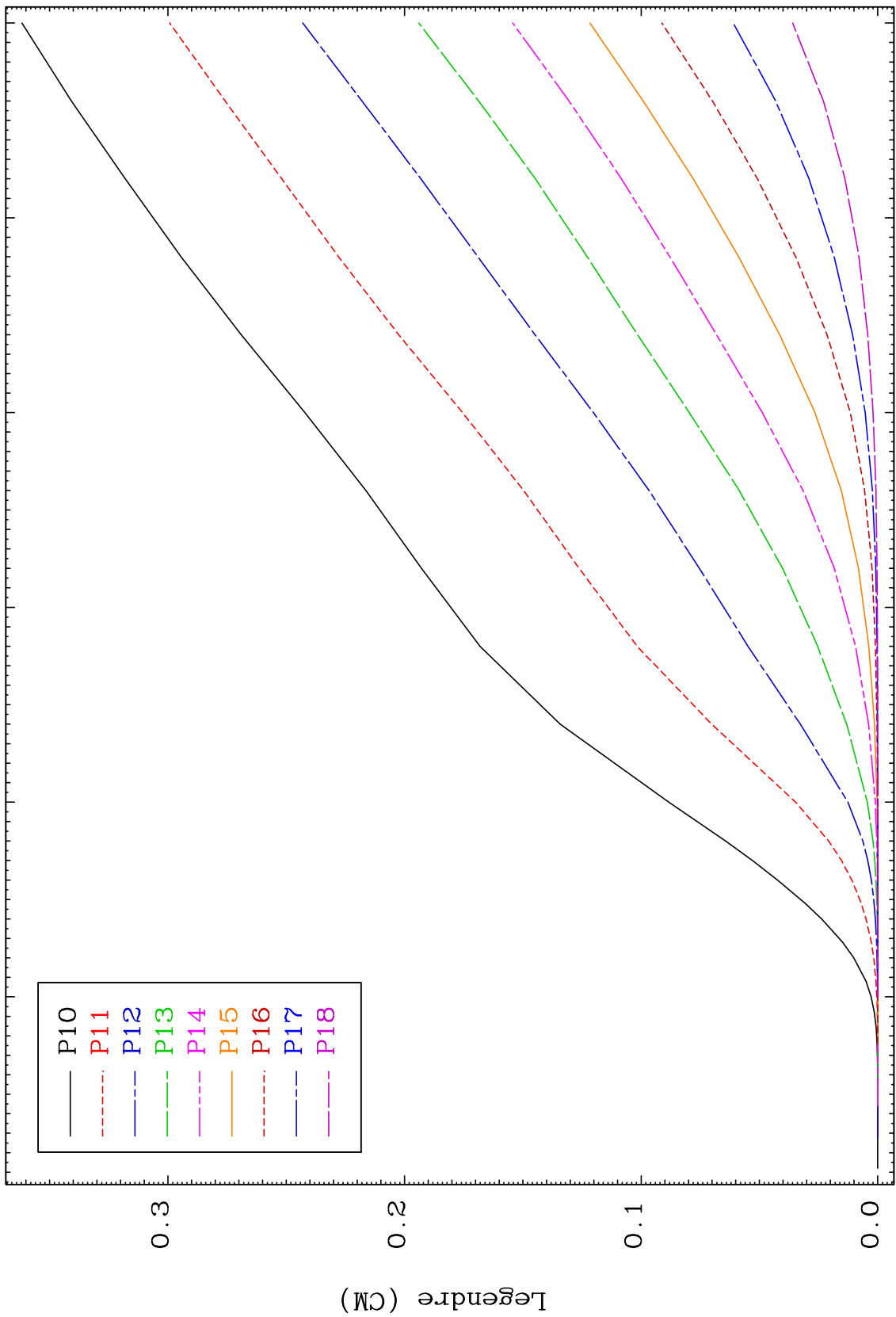
71-Lu-161

30

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Elastic Legendre Coefficients

⁷¹Lu-161



16

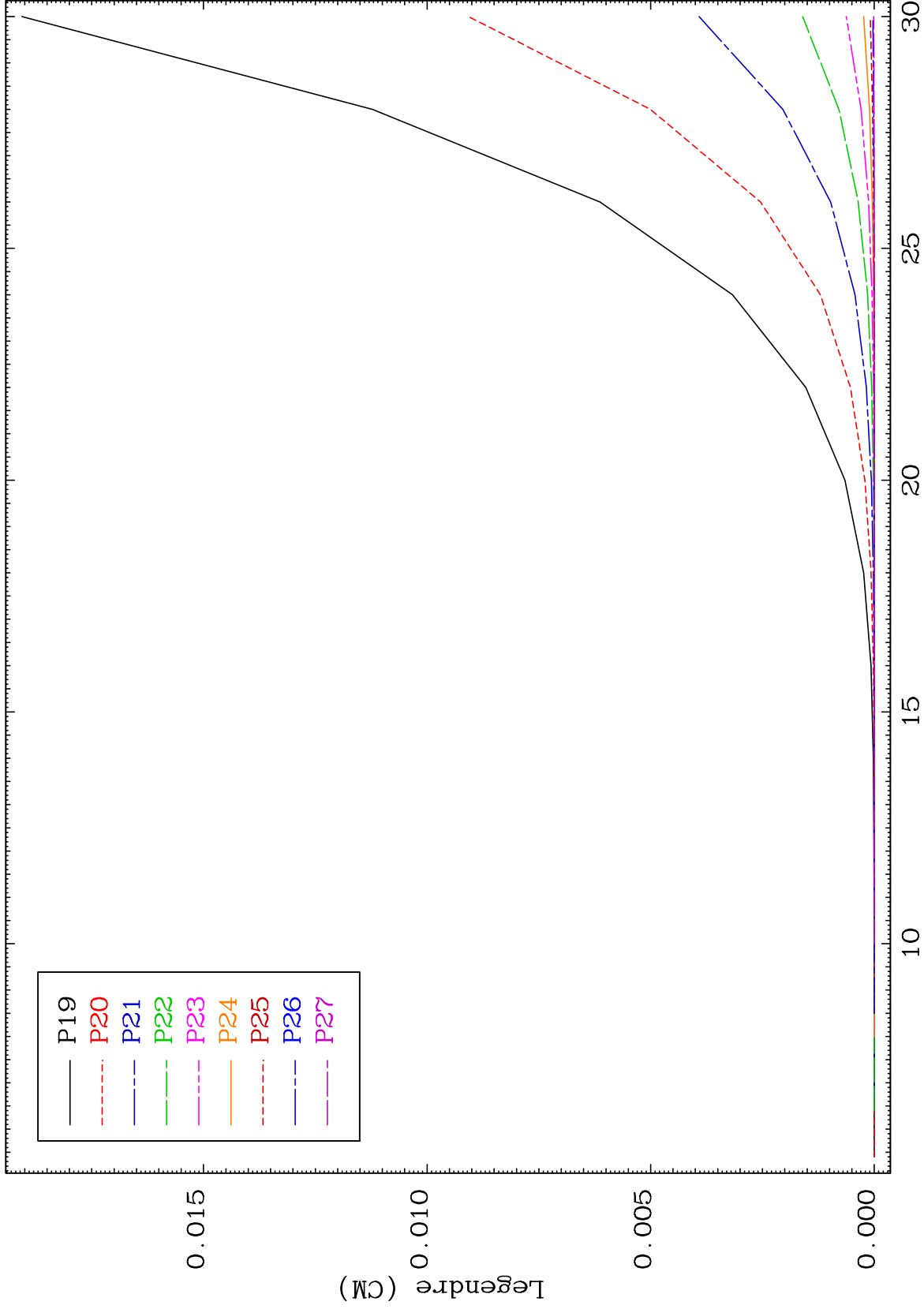
⁷¹Lu-161

Incident Energy (MeV)

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Elastic Legendre Coefficients

71-Lu-161



71-Lu-161

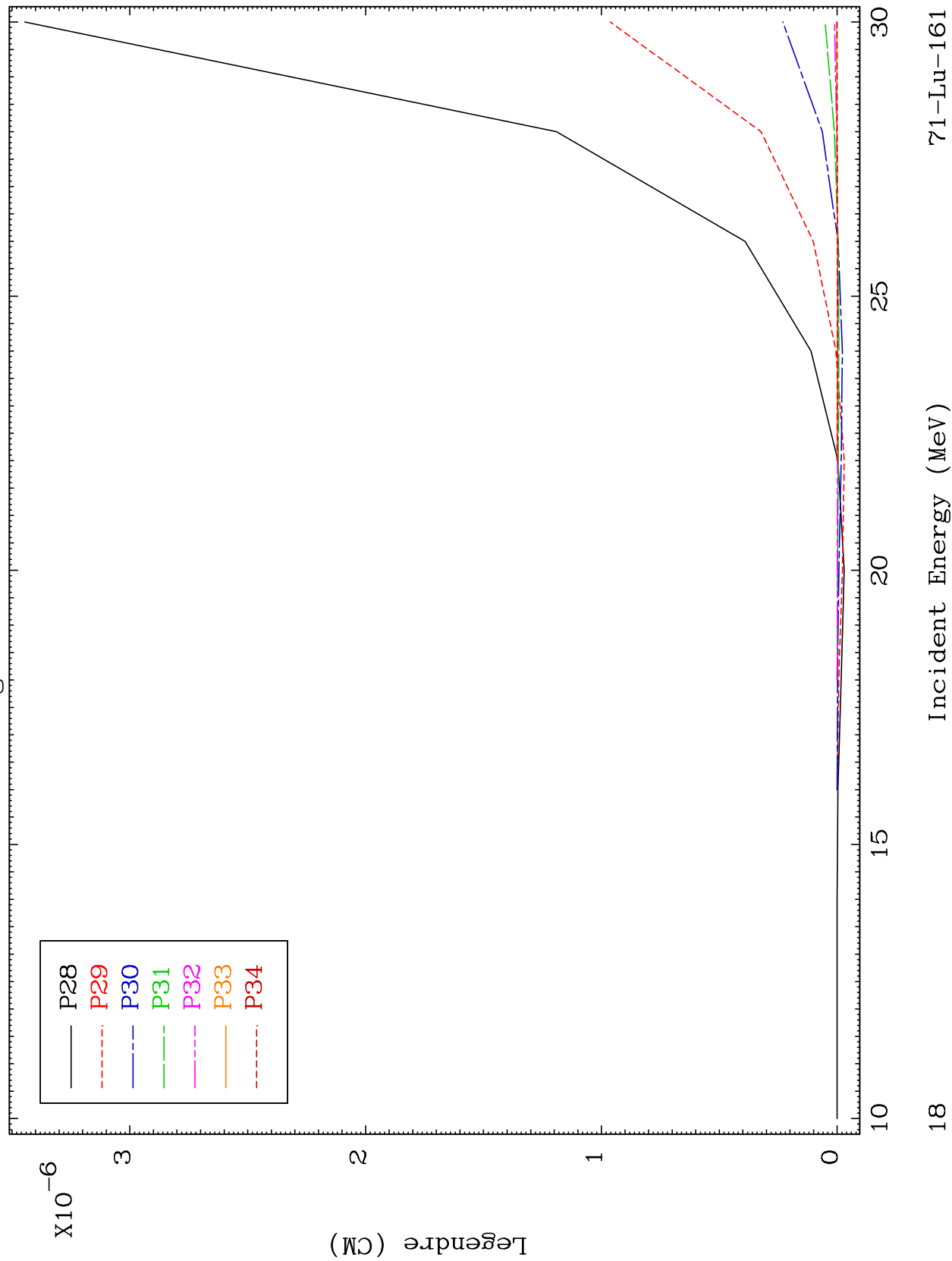
Incident Energy (MeV)

17

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Elastic Legendre Coefficients

71-Lu-161



18

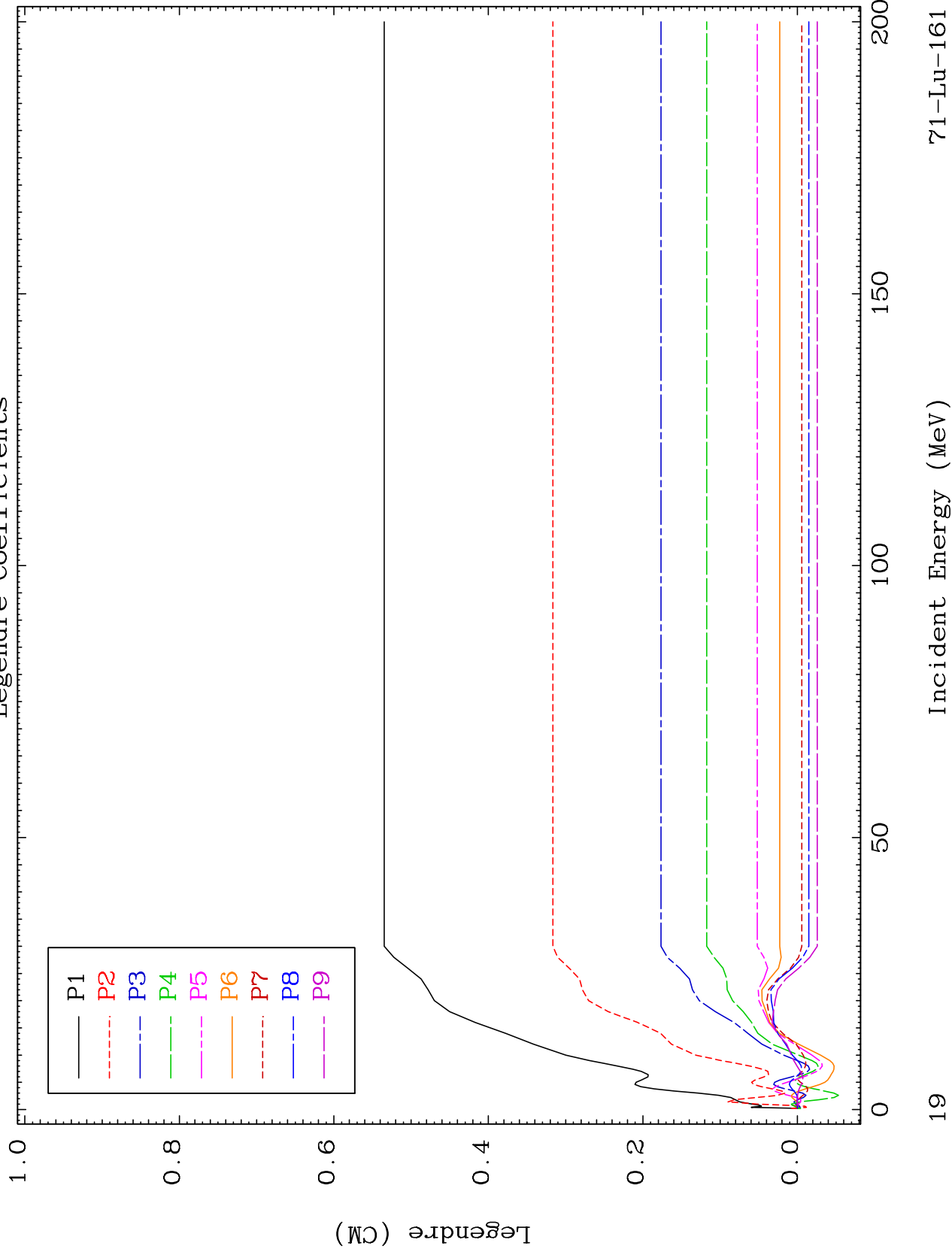
Incident Energy (MeV)

71-Lu-161

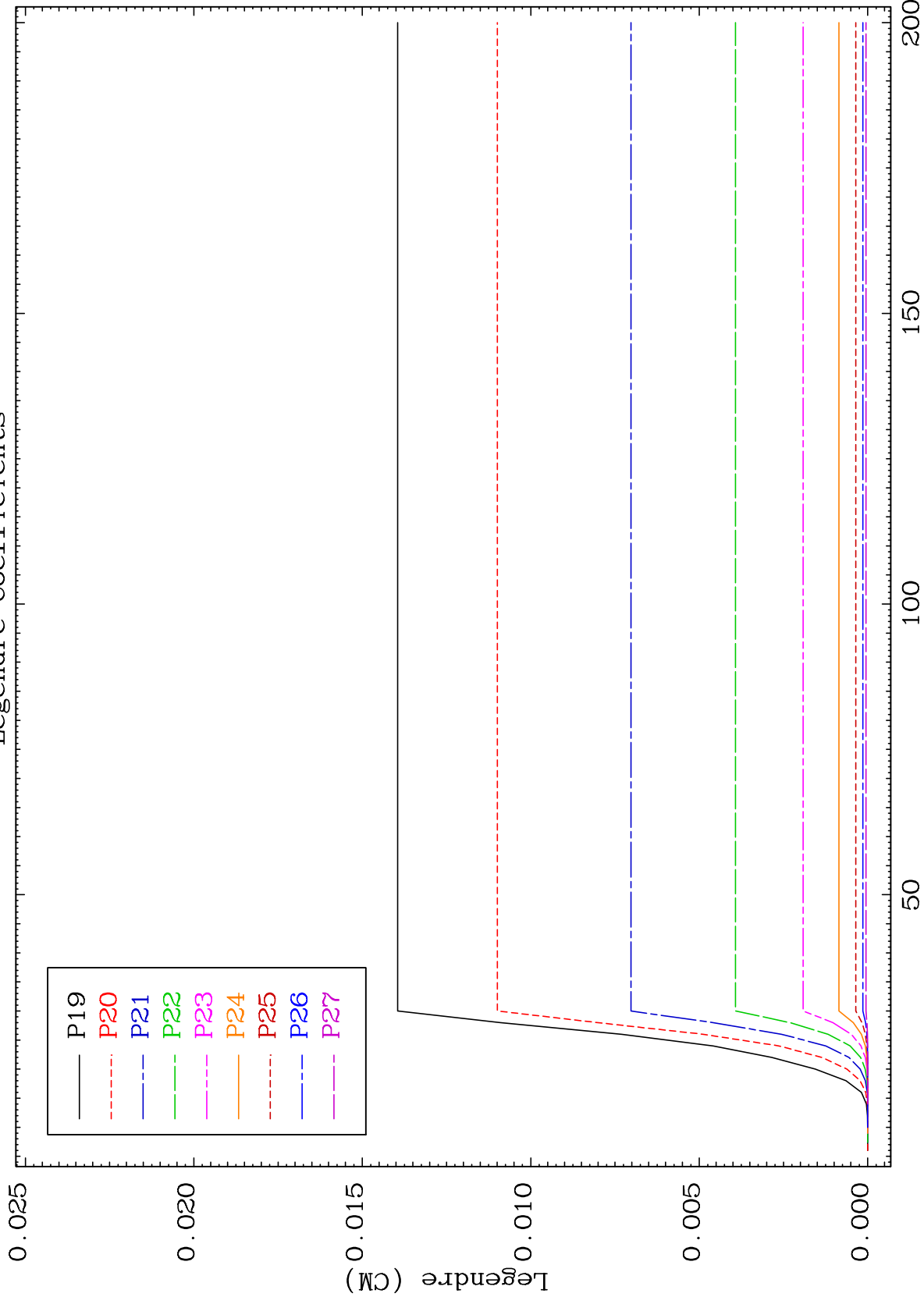
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161.5 keV (n,n') Level
Legendre Coefficients

71-Lu-161



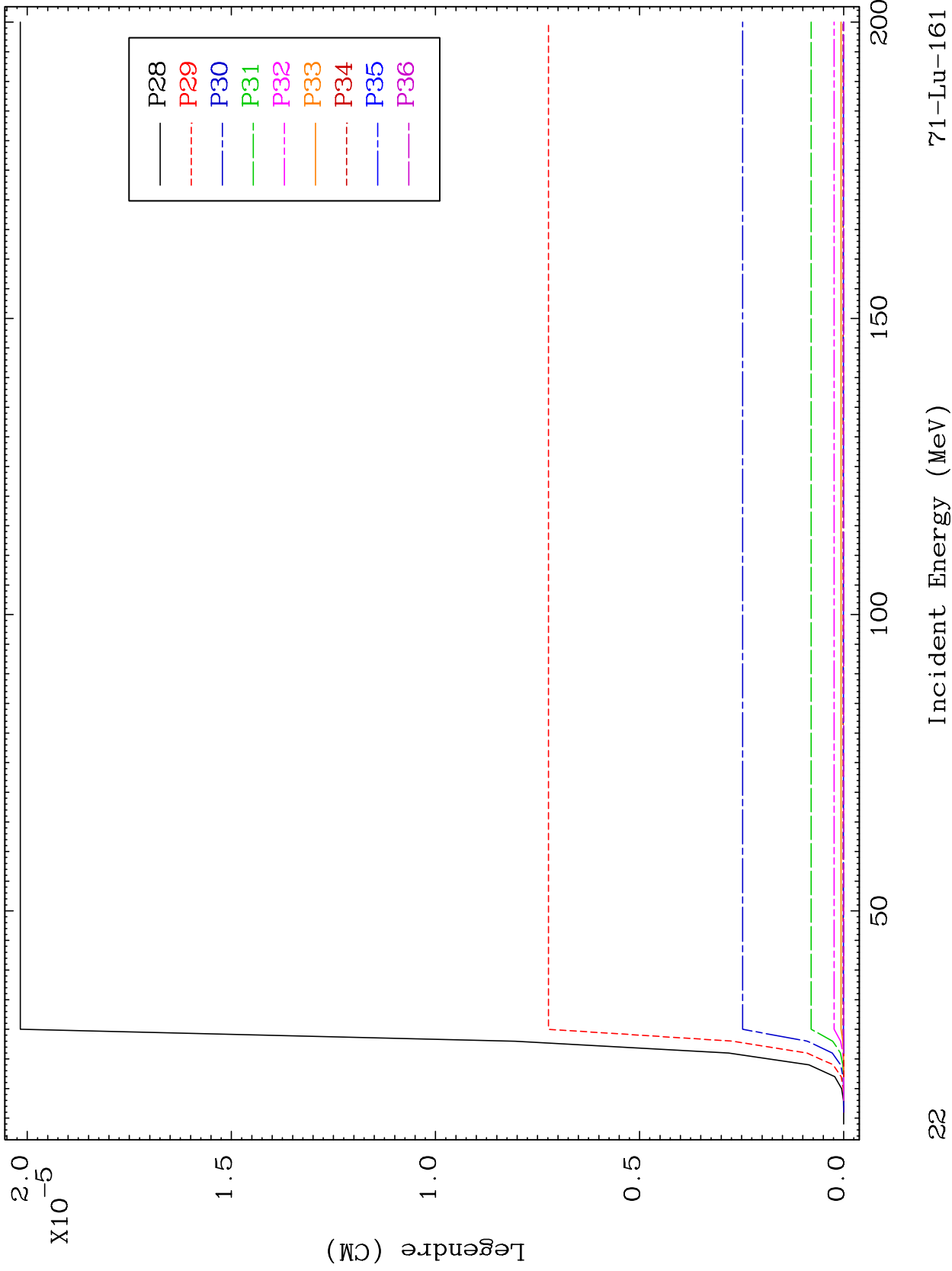
19



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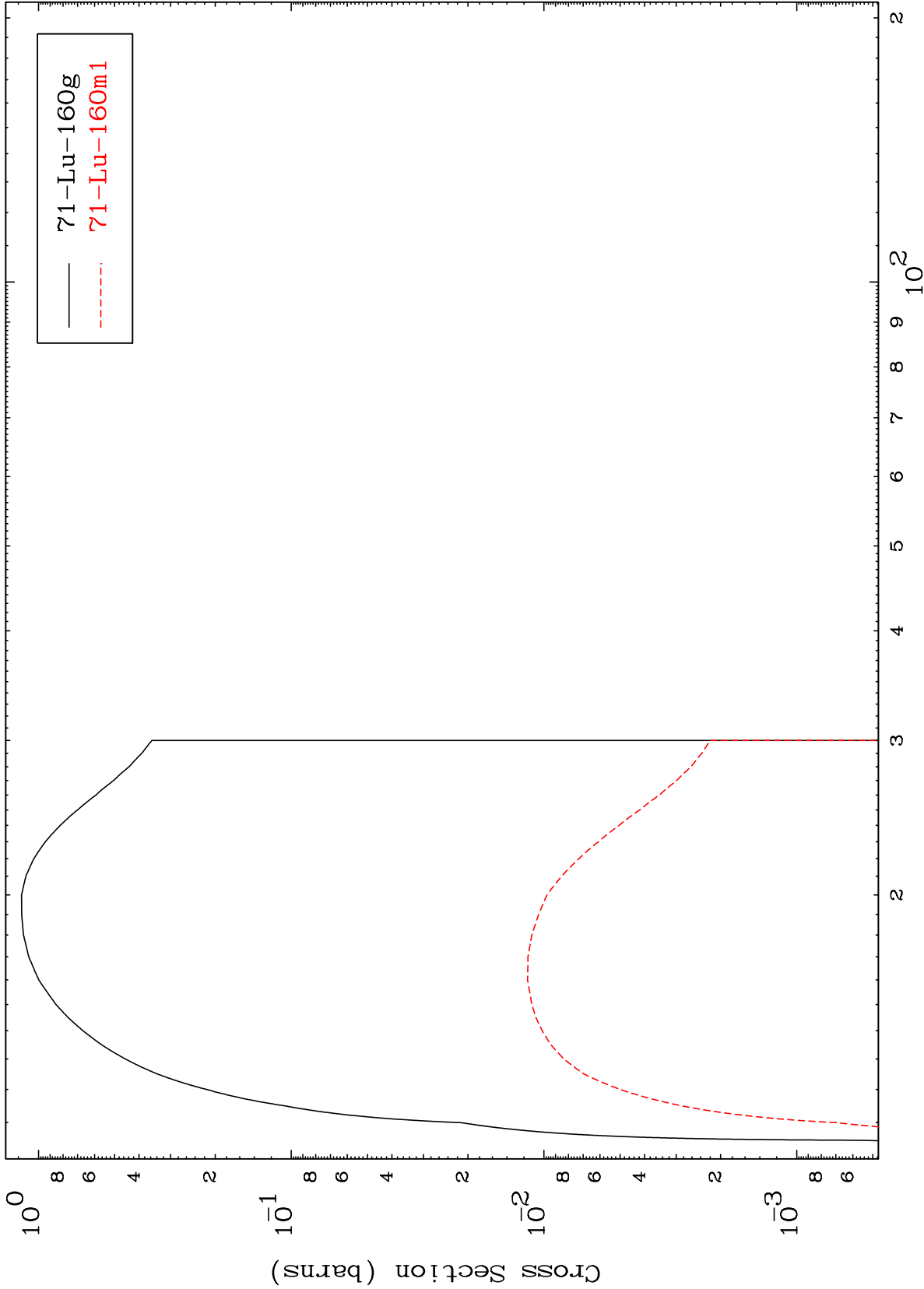
161.5 keV (n,n') Level
Legendre Coefficients

71-Lu-161



(n,2n)

Radionuclide Production Cross Section

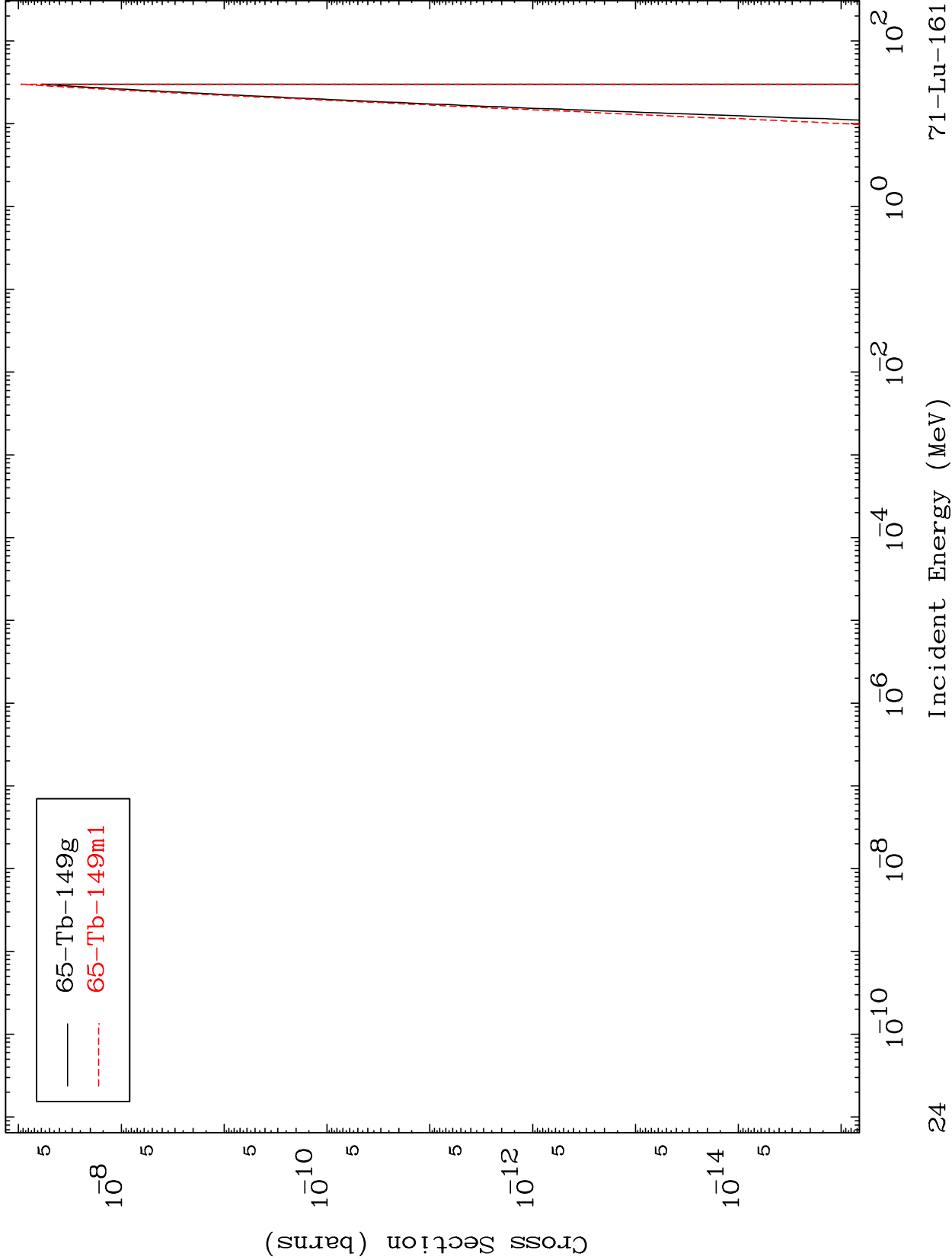


MAT 7083

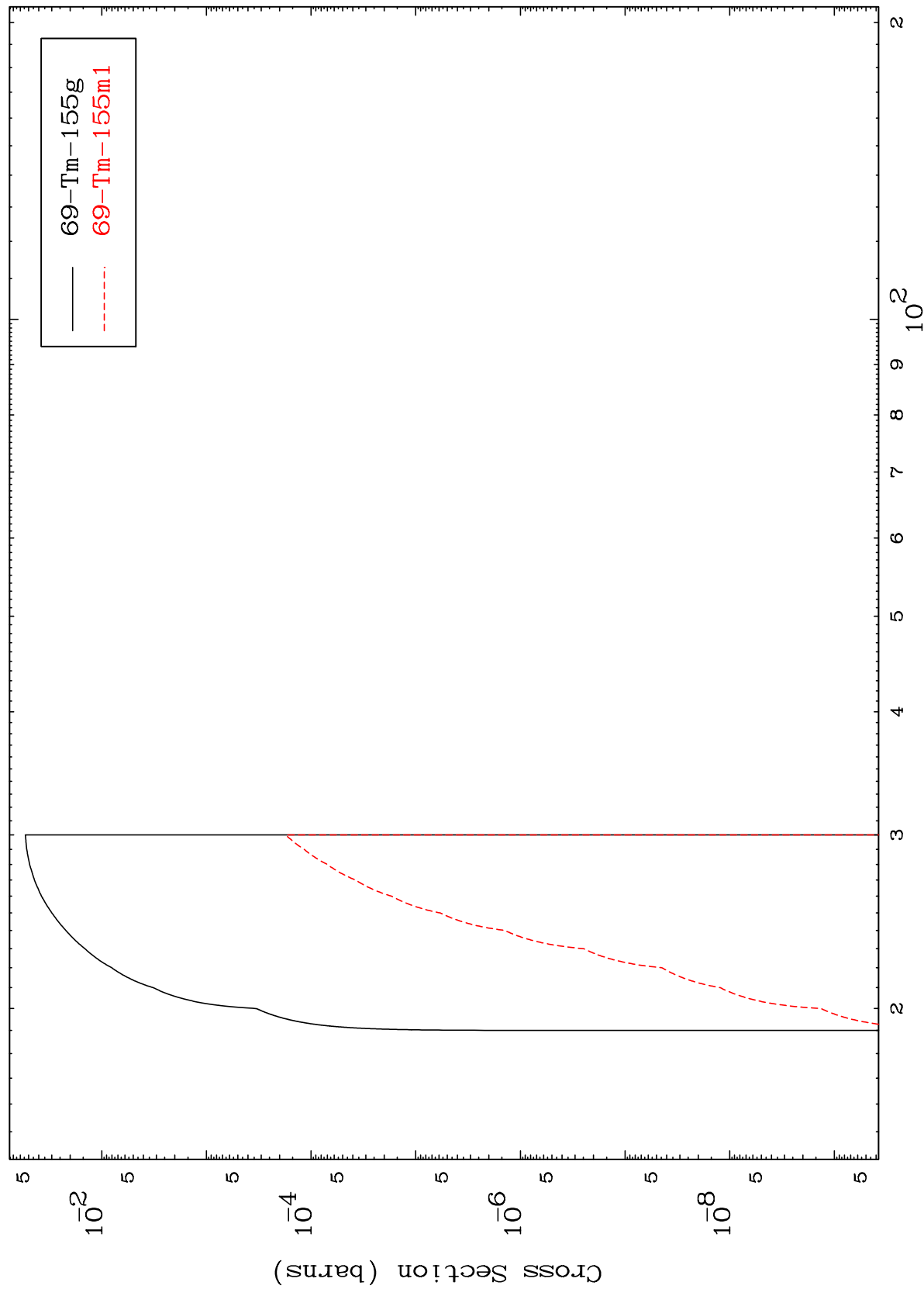
(n,n') 3 α

71-Lu-161

Radionuclide Production Cross Section



Radionuclide Production Cross Section

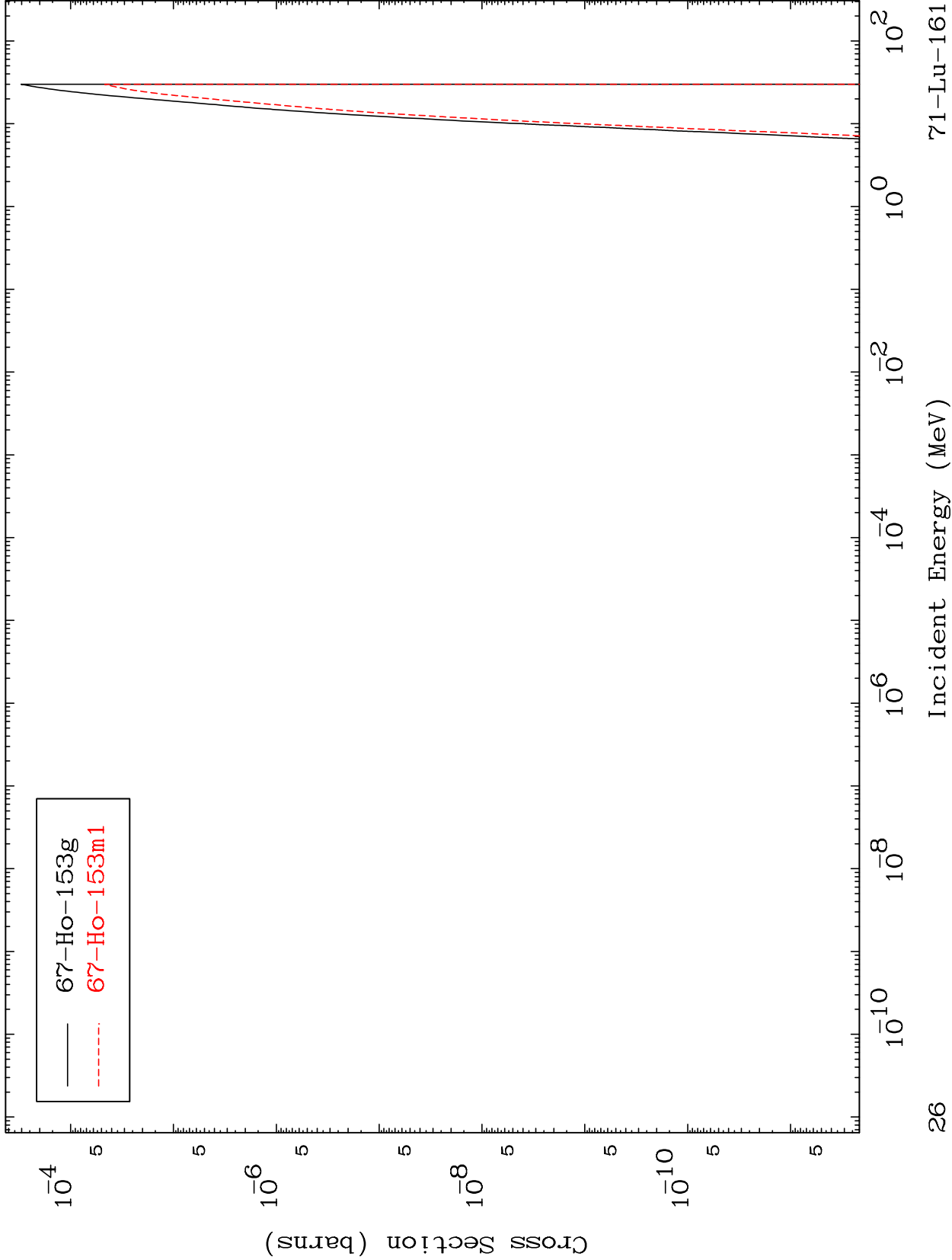


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(n,n') 2α

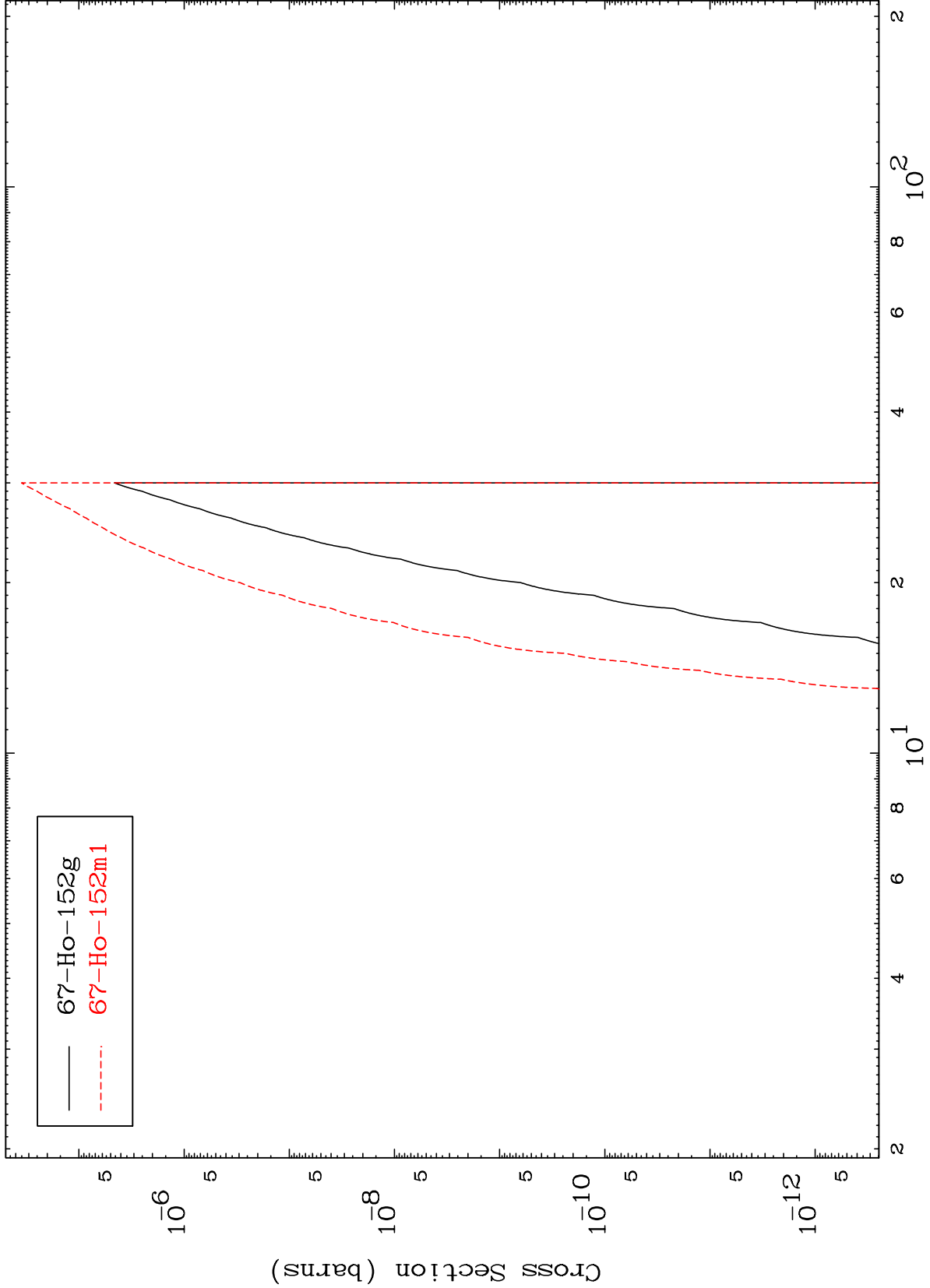
71-Lu-161

Radionuclide Production Cross Section



67-Ho-153g
67-Ho-153m1

Radionuclide Production Cross Section

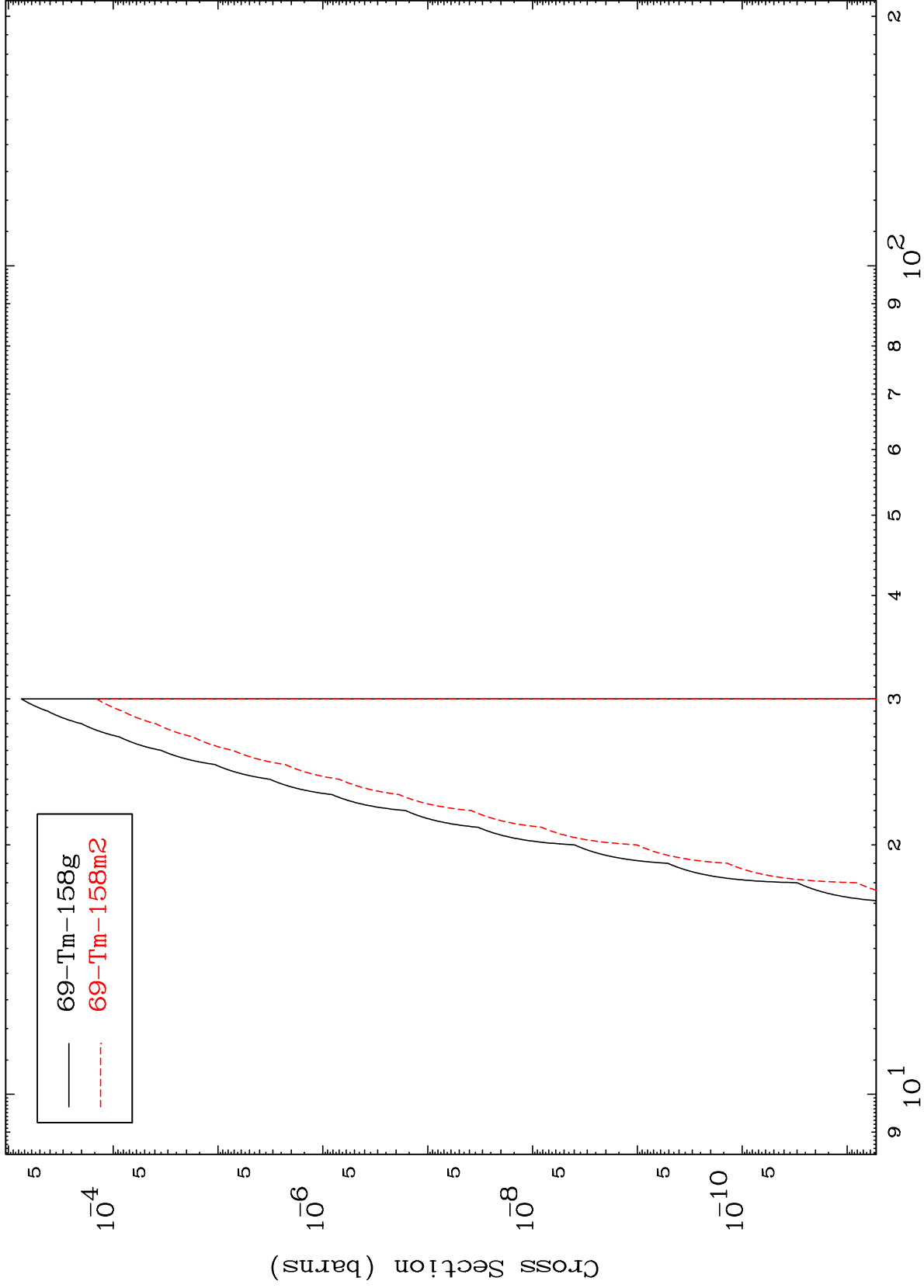


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(n,n') He-3

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Radionuclide Production Cross Section



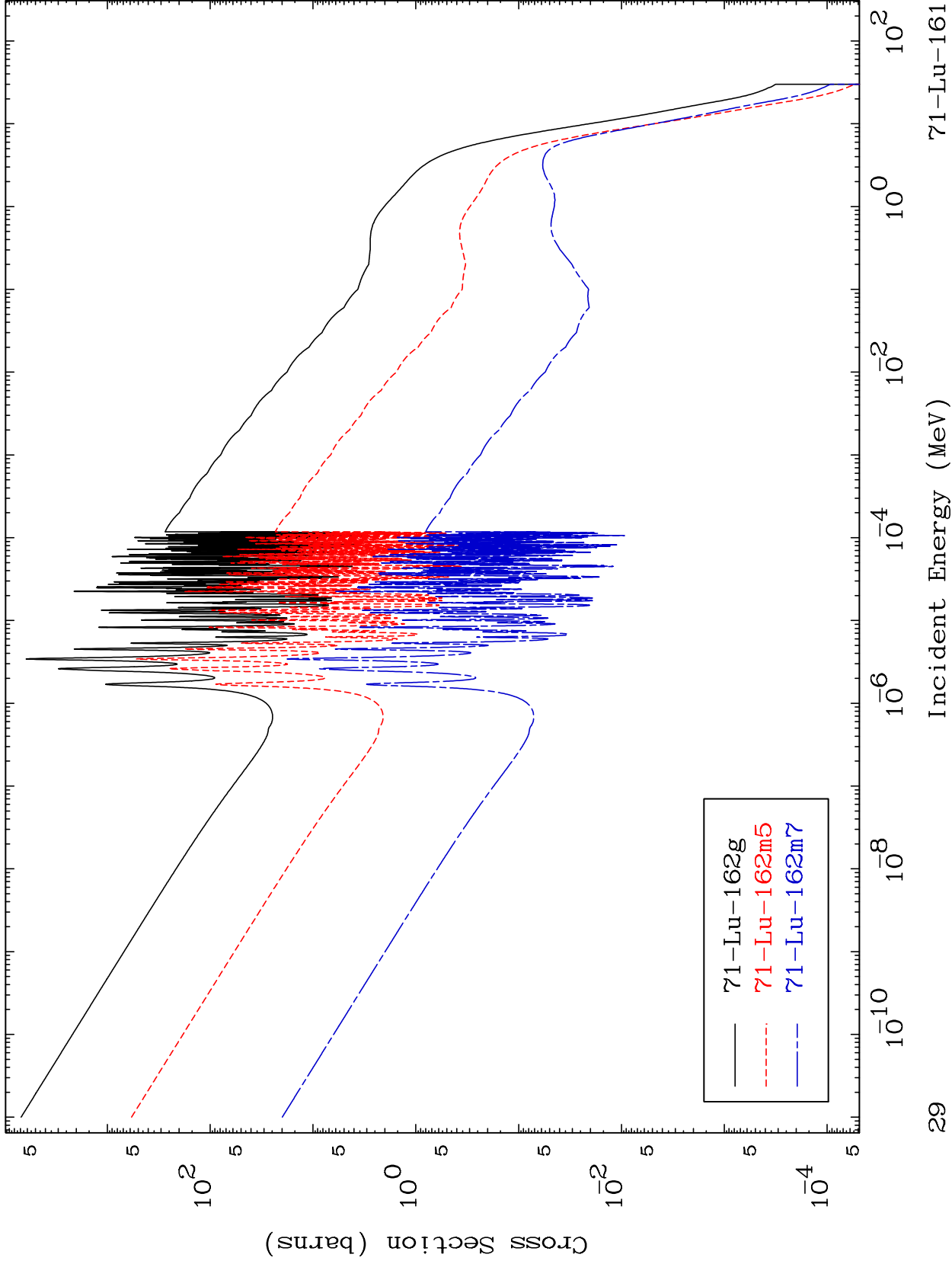
28

Incident Energy (MeV)

71-Lu-161

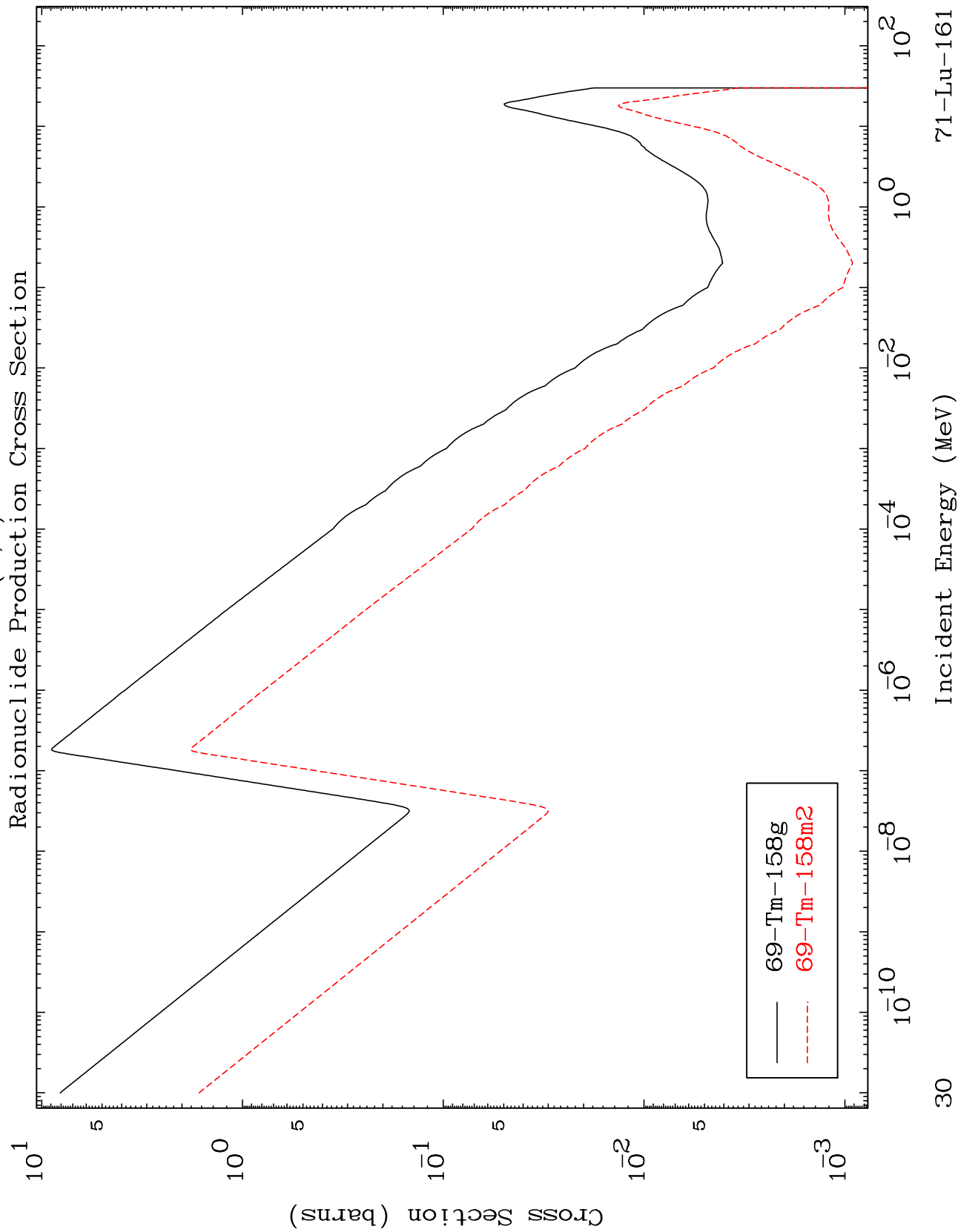
Radionuclide Production Cross Section

(n,γ)



MAT 7083

71-Lu-161

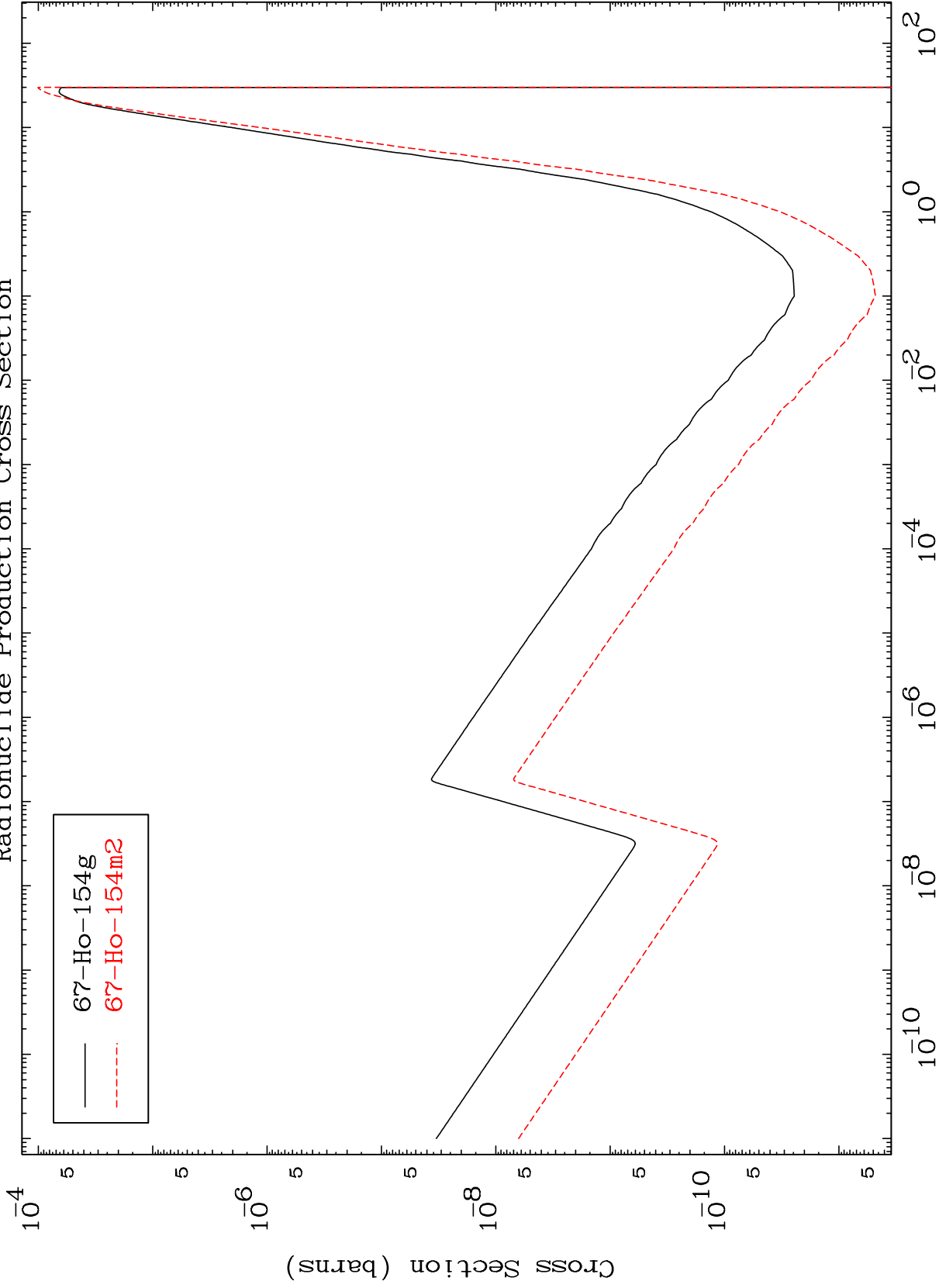


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(n,2α)

71-Lu-161

Radionuclide Production Cross Section



31

Incident Energy (MeV)

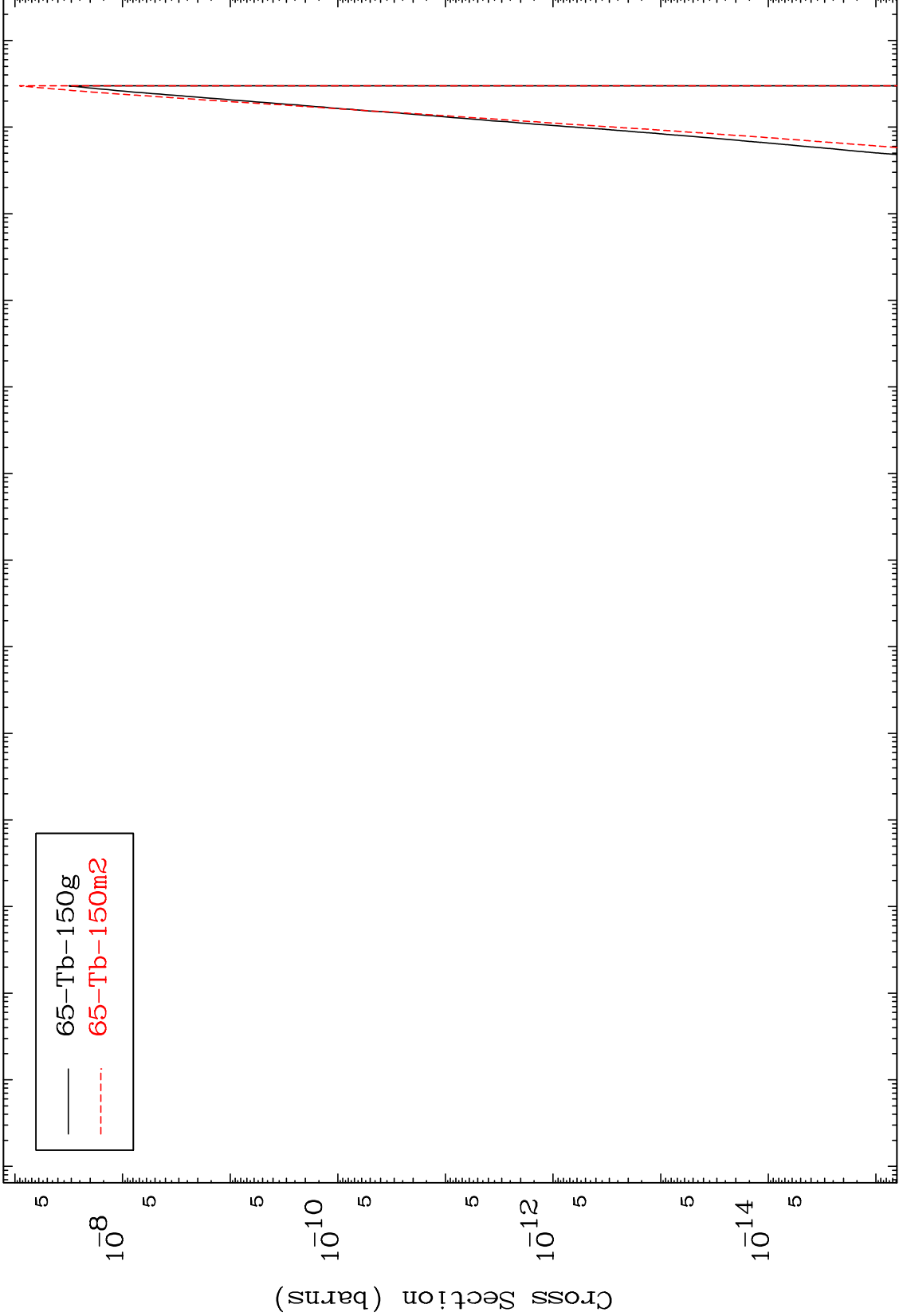
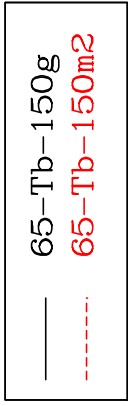
71-Lu-161

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(n, 3α)

71-Lu-161

Radionuclide Production Cross Section



71-Lu-161

10⁰

10⁻²

10⁻⁴

10⁻⁶

10⁻⁸

10⁻¹⁰

10⁻¹⁴

10⁻⁸

10⁻¹⁰

Incident Energy (MeV)

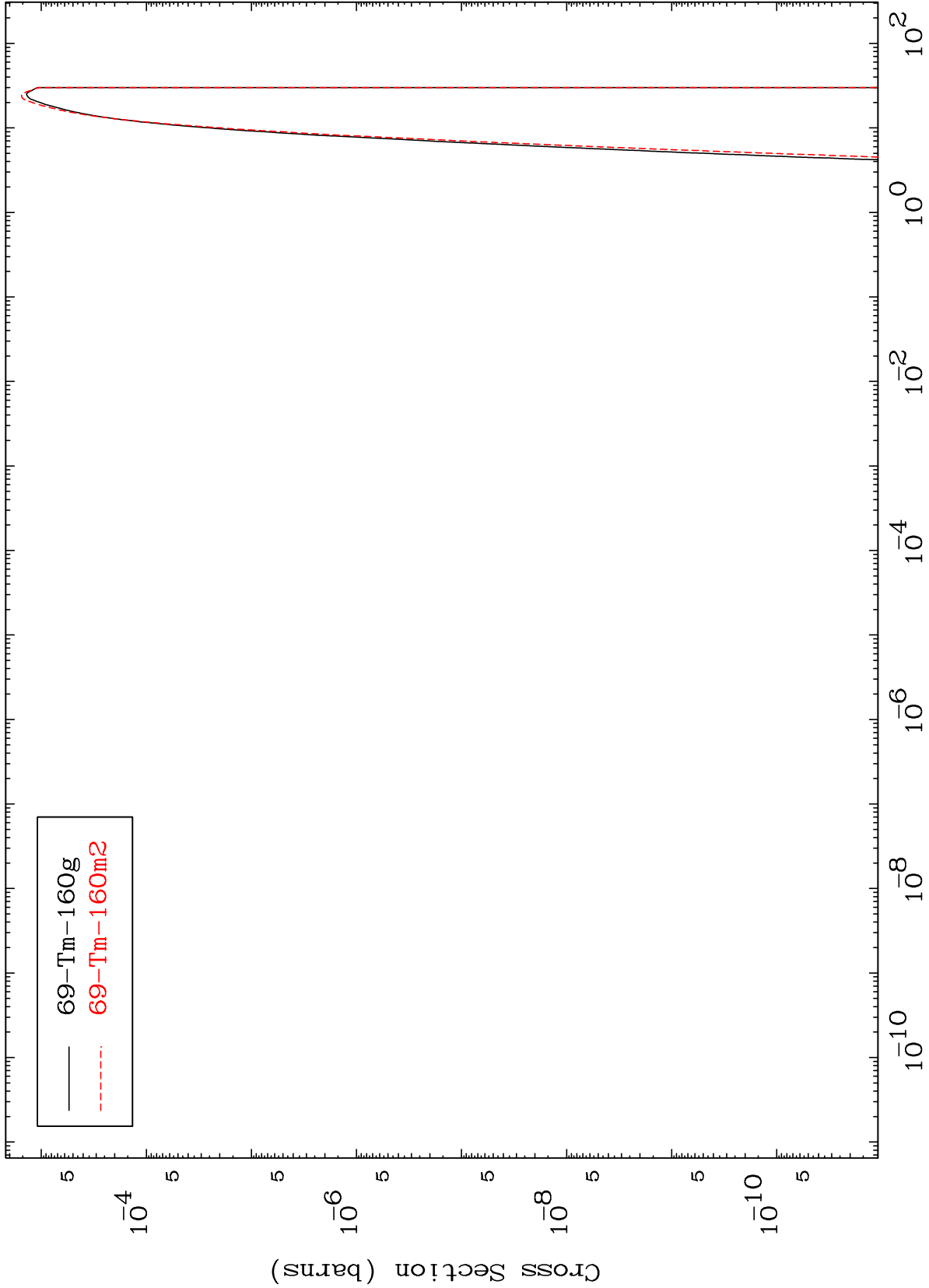
71-Lu-161

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(n,2p)

71-Lu-161

Radionuclide Production Cross Section

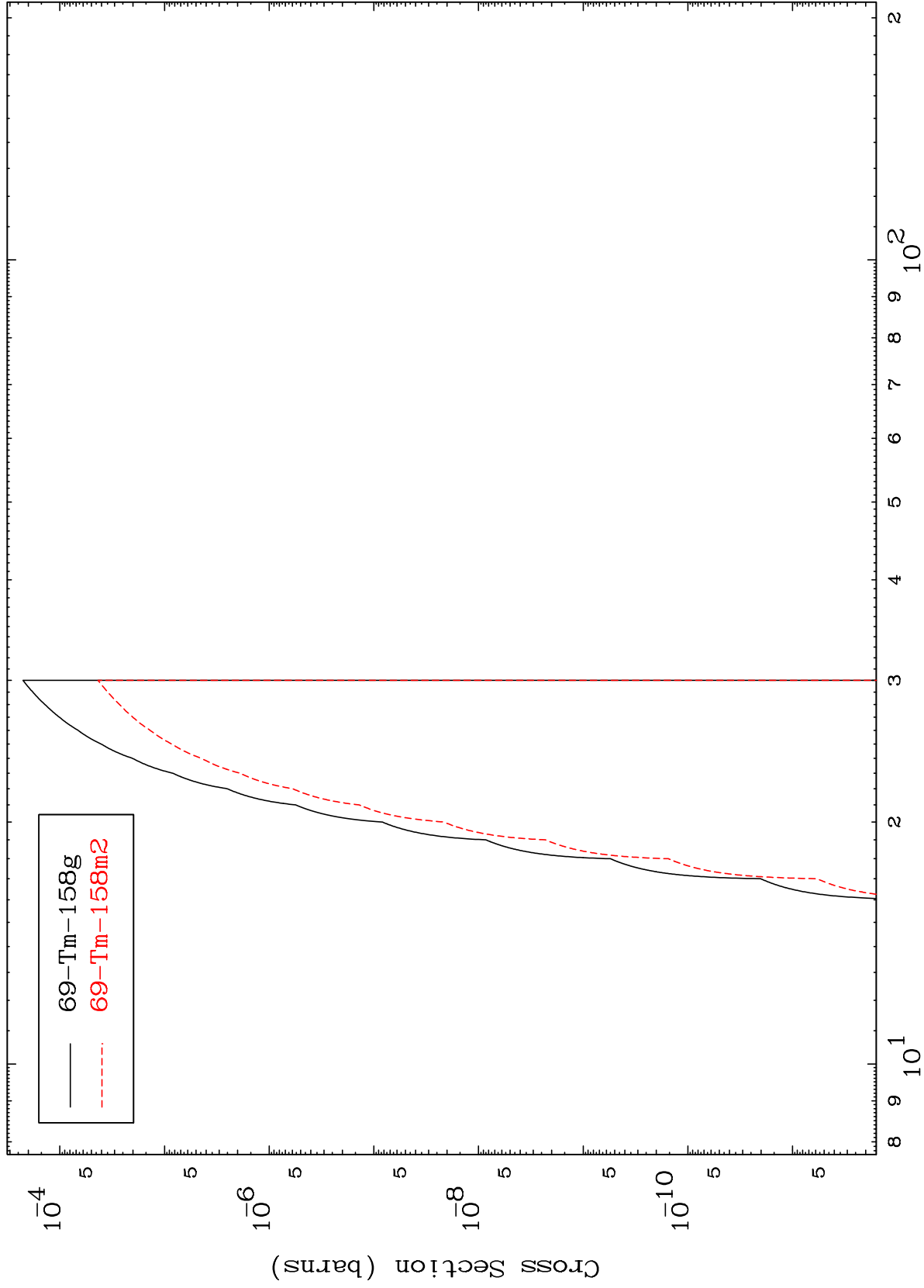


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(n,p) t

71-Lu-161

Radionuclide Production Cross Section



34

Incident Energy (MeV)

71-Lu-161