

Program EVALPLOT
(Version 2015-2)

by

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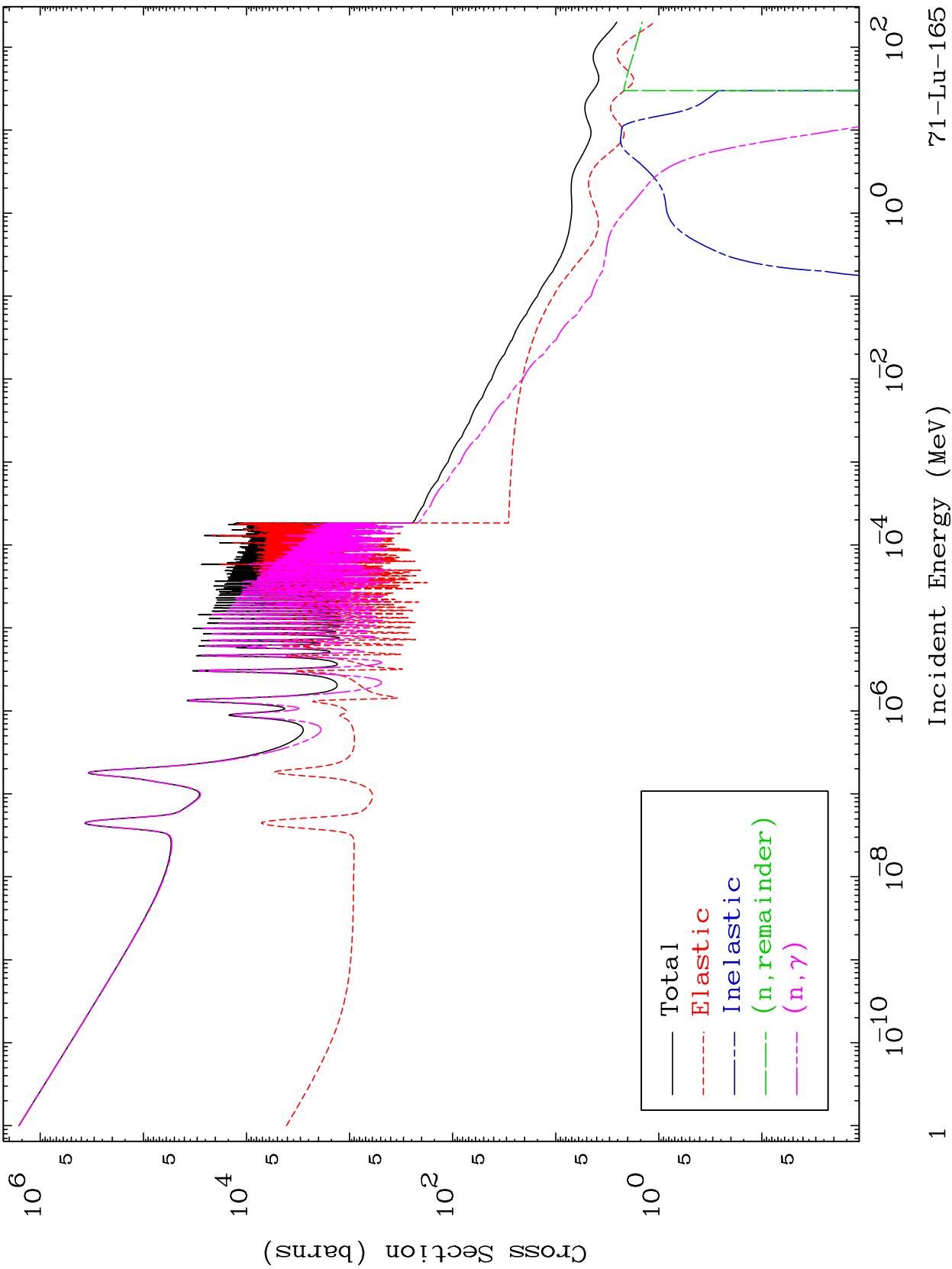
Press Mouse Button to Start

MAT 7095

Major

293 Kelvin Cross Sections

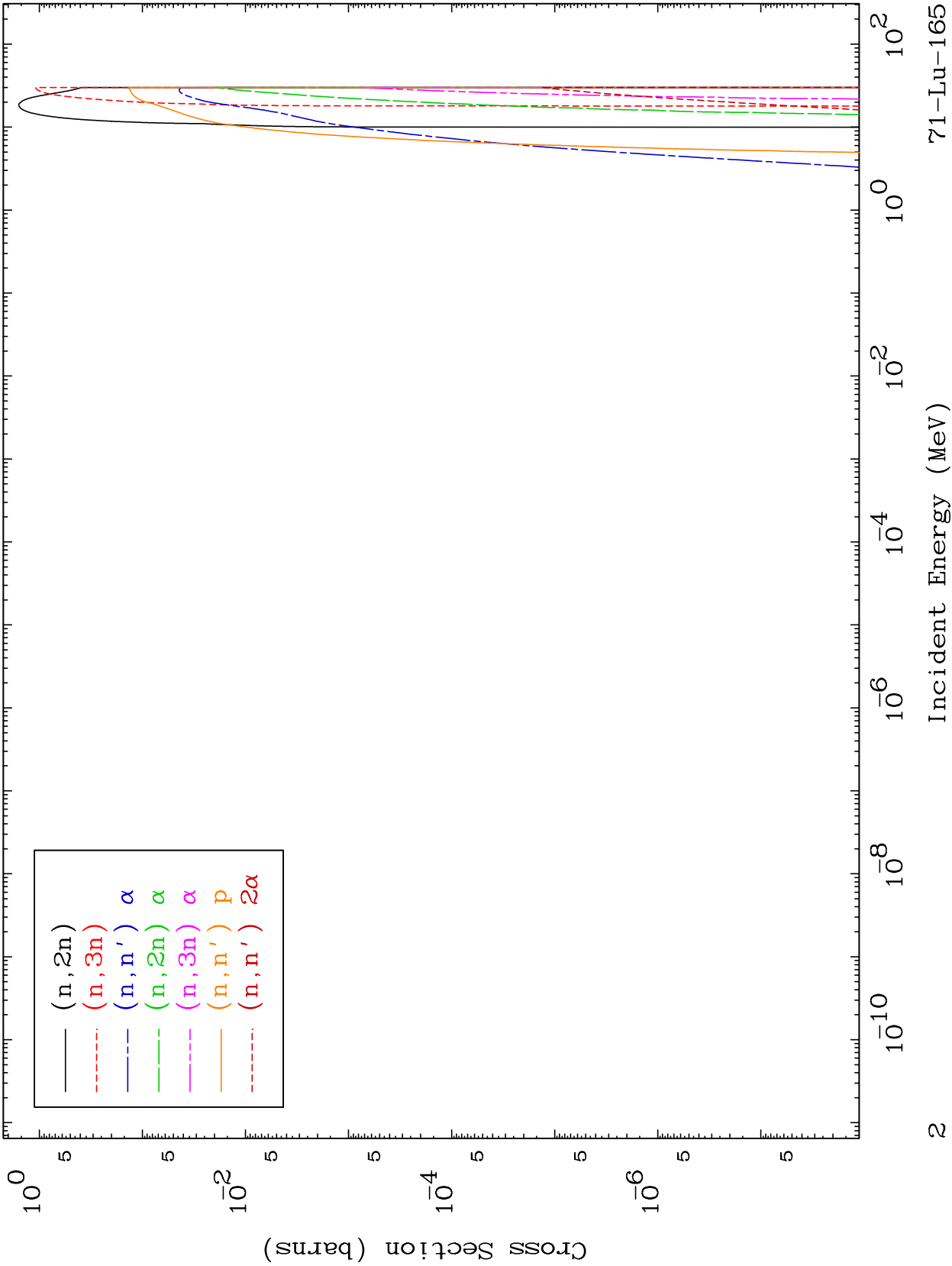
71-Lu-165



MAT 7095

Neutron Production
293 Kelvin Cross Sections

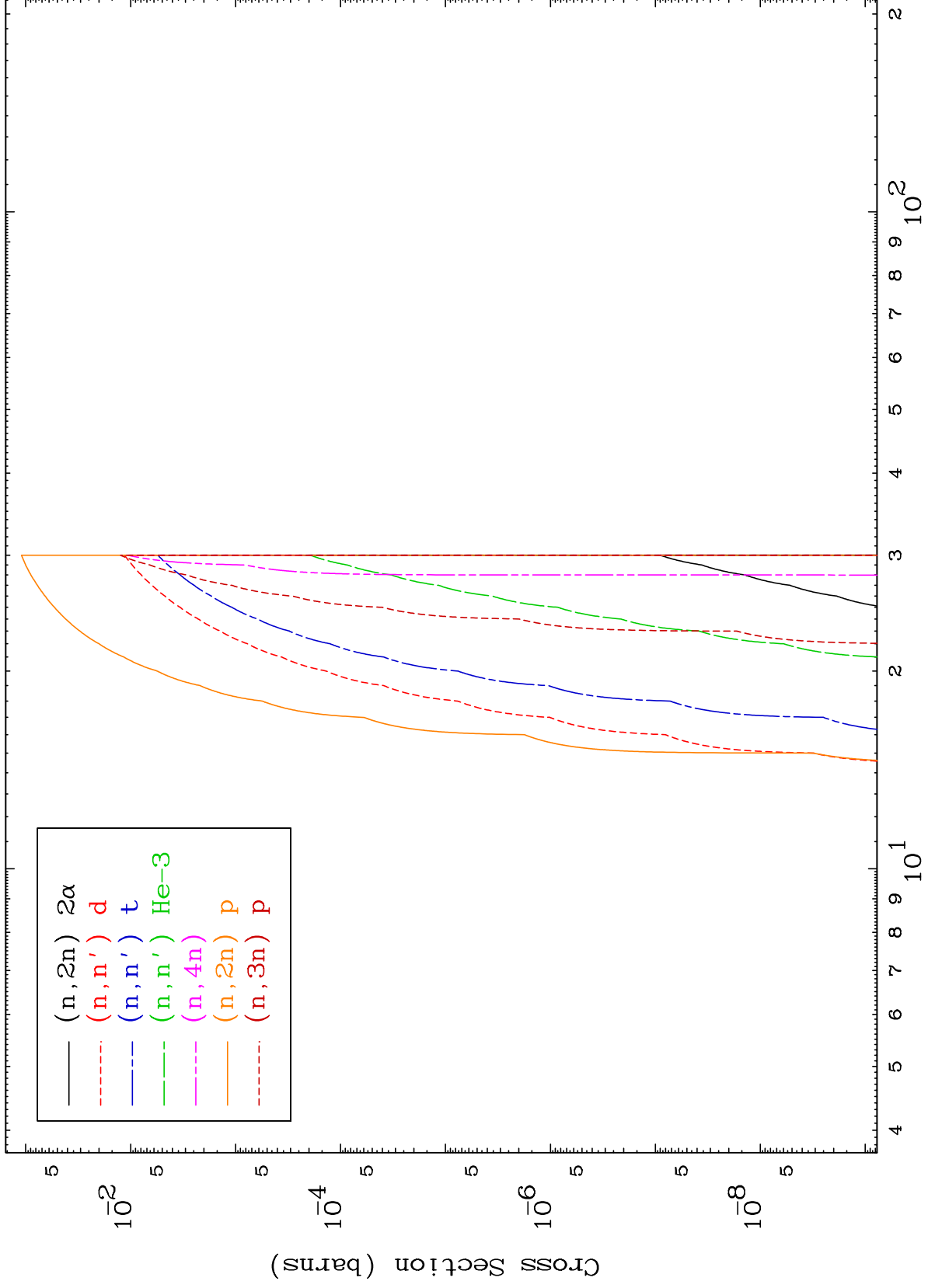
71-Lu-165



MAT 7095

Neutron Production
293 Kelvin Cross Sections

71-Lu-165



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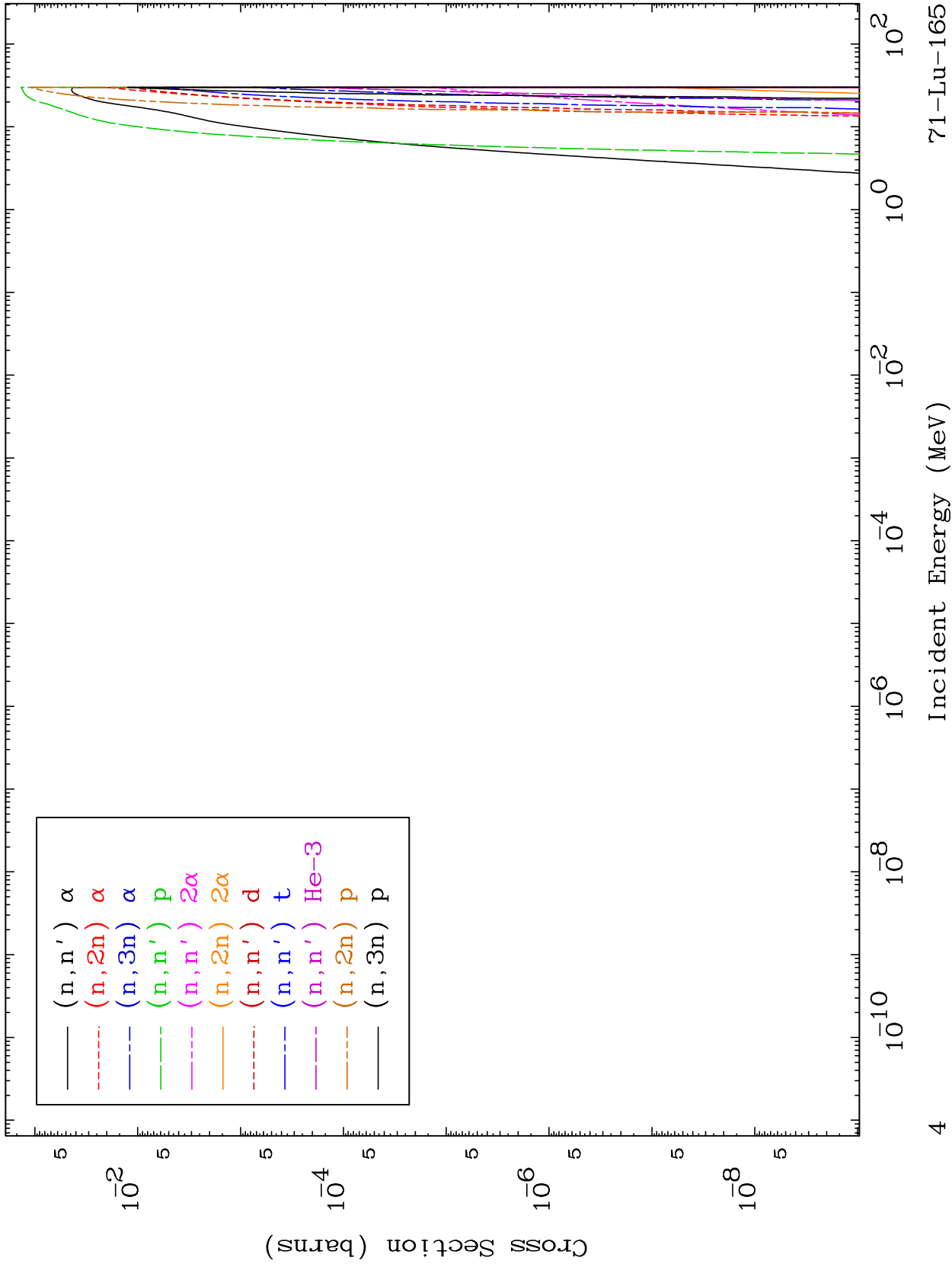
Incident Energy (MeV)

71-Lu-165

MAT 7095

Charged Particle
293 Kelvin Cross Sections

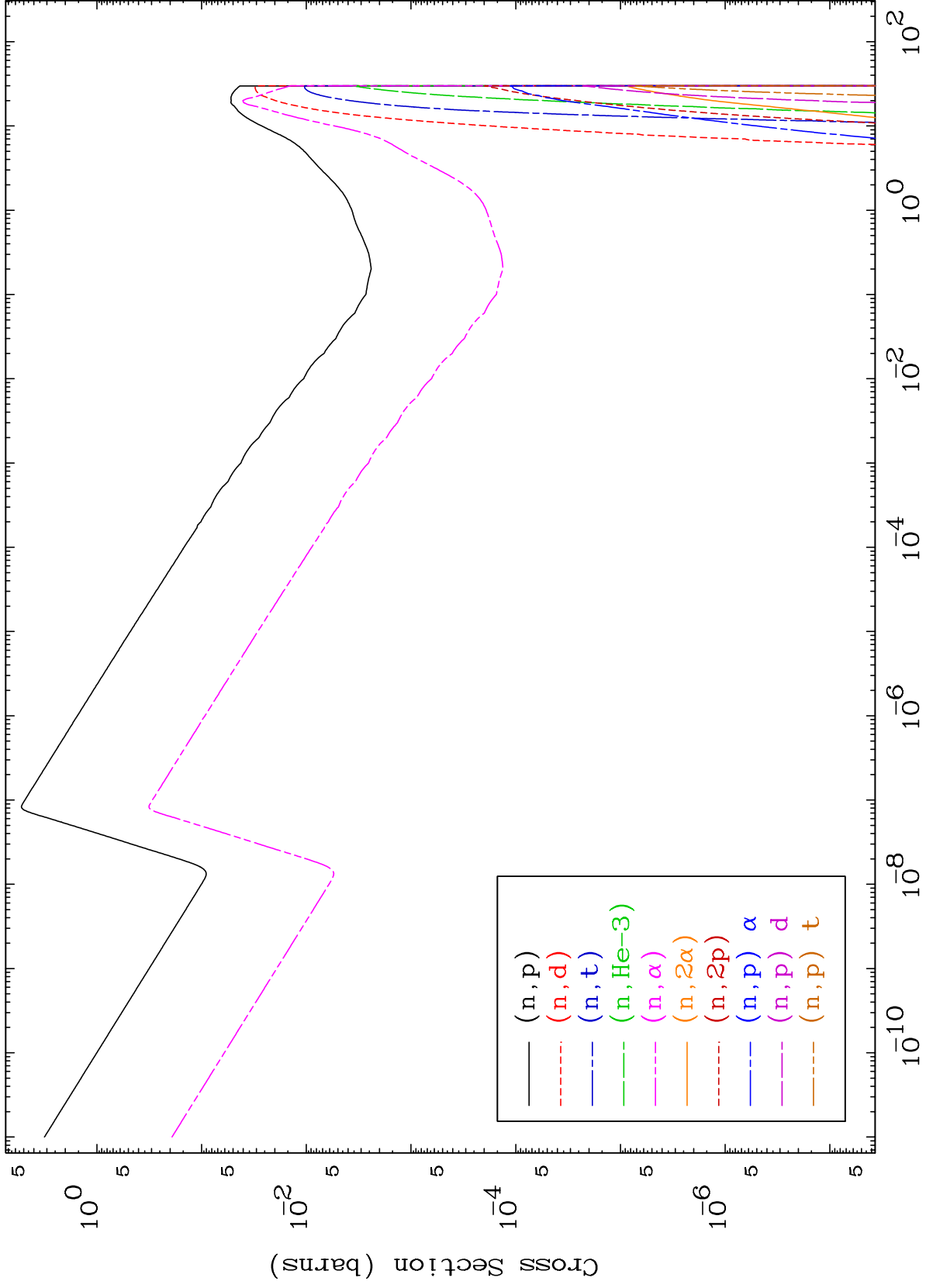
71-Lu-165



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Charged Particle
293 Kelvin Cross Sections

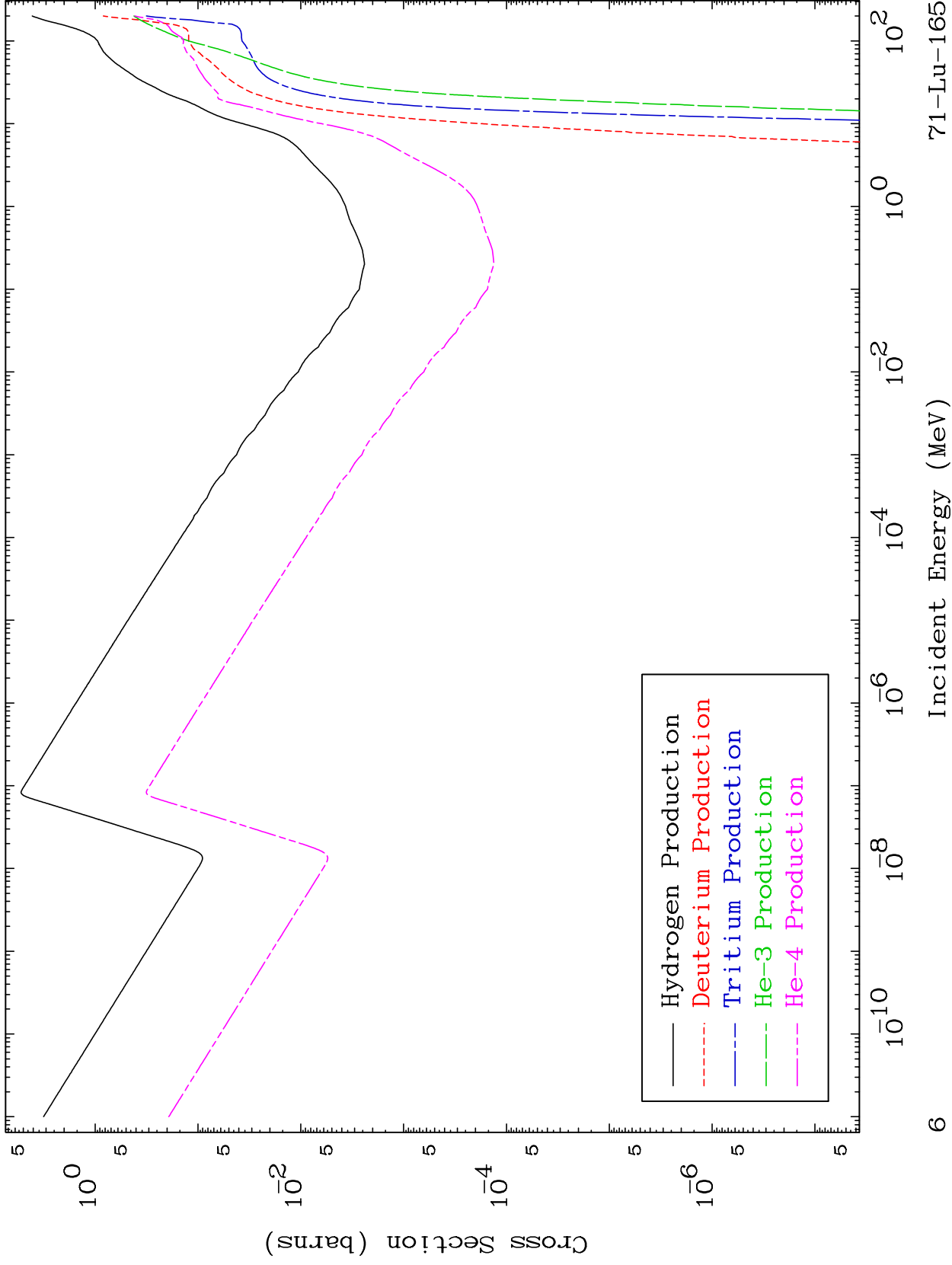
71-Lu-165



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Particle Production
293 Kelvin Cross Sections

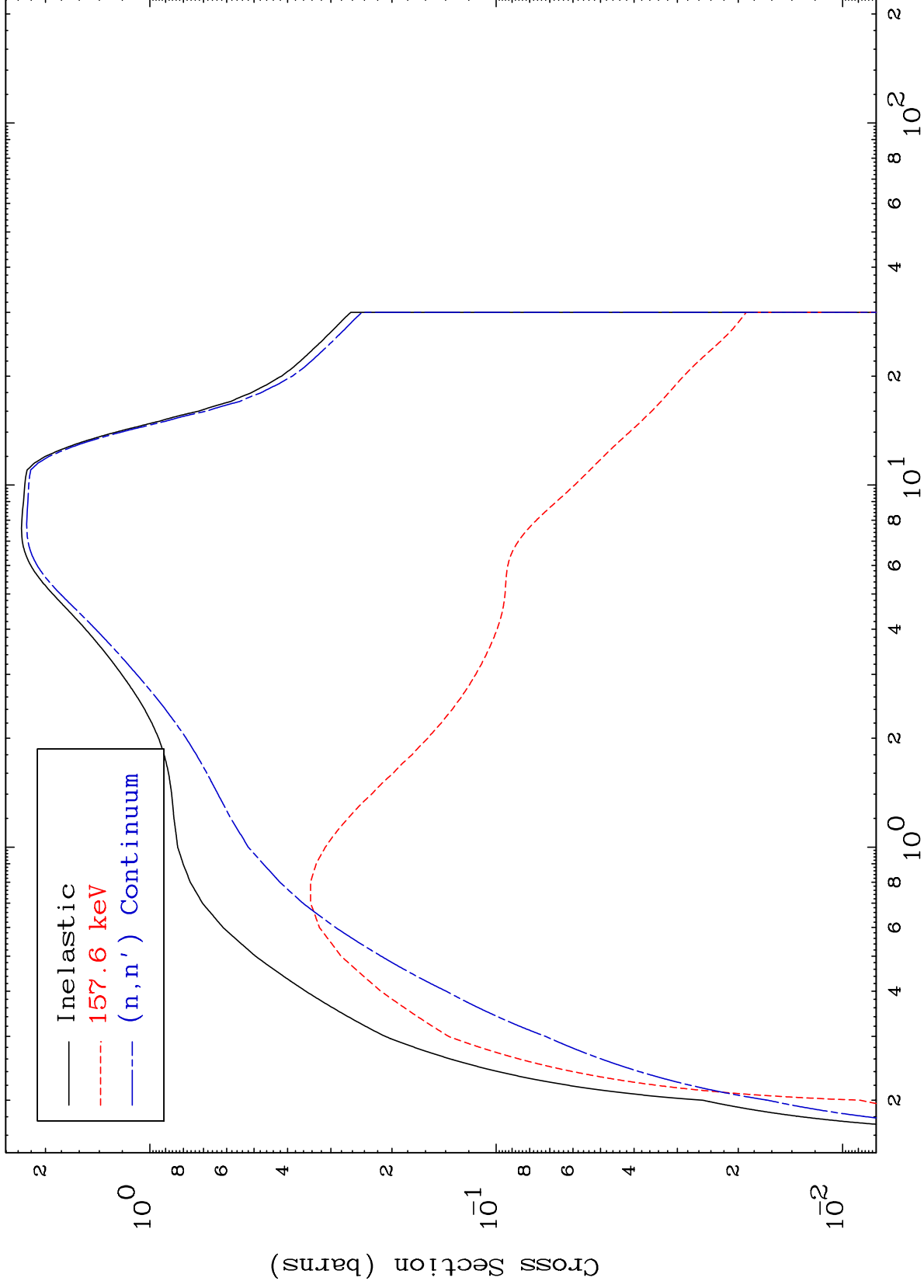
71-Lu-165



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293 Kelvin Cross Sections
(n,n') Level

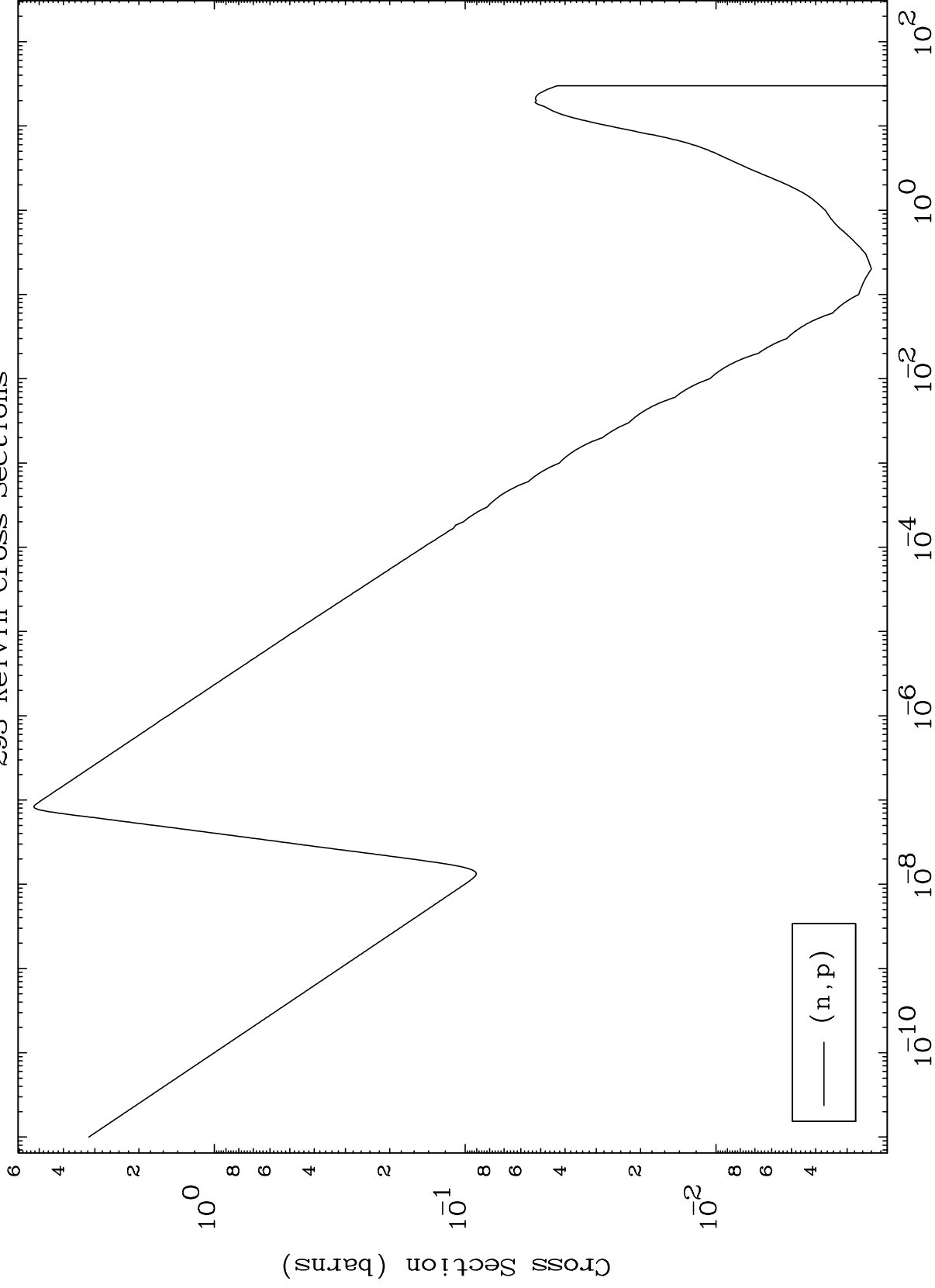
71-Lu-165



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(n,p) Levels
293 Kelvin Cross Sections

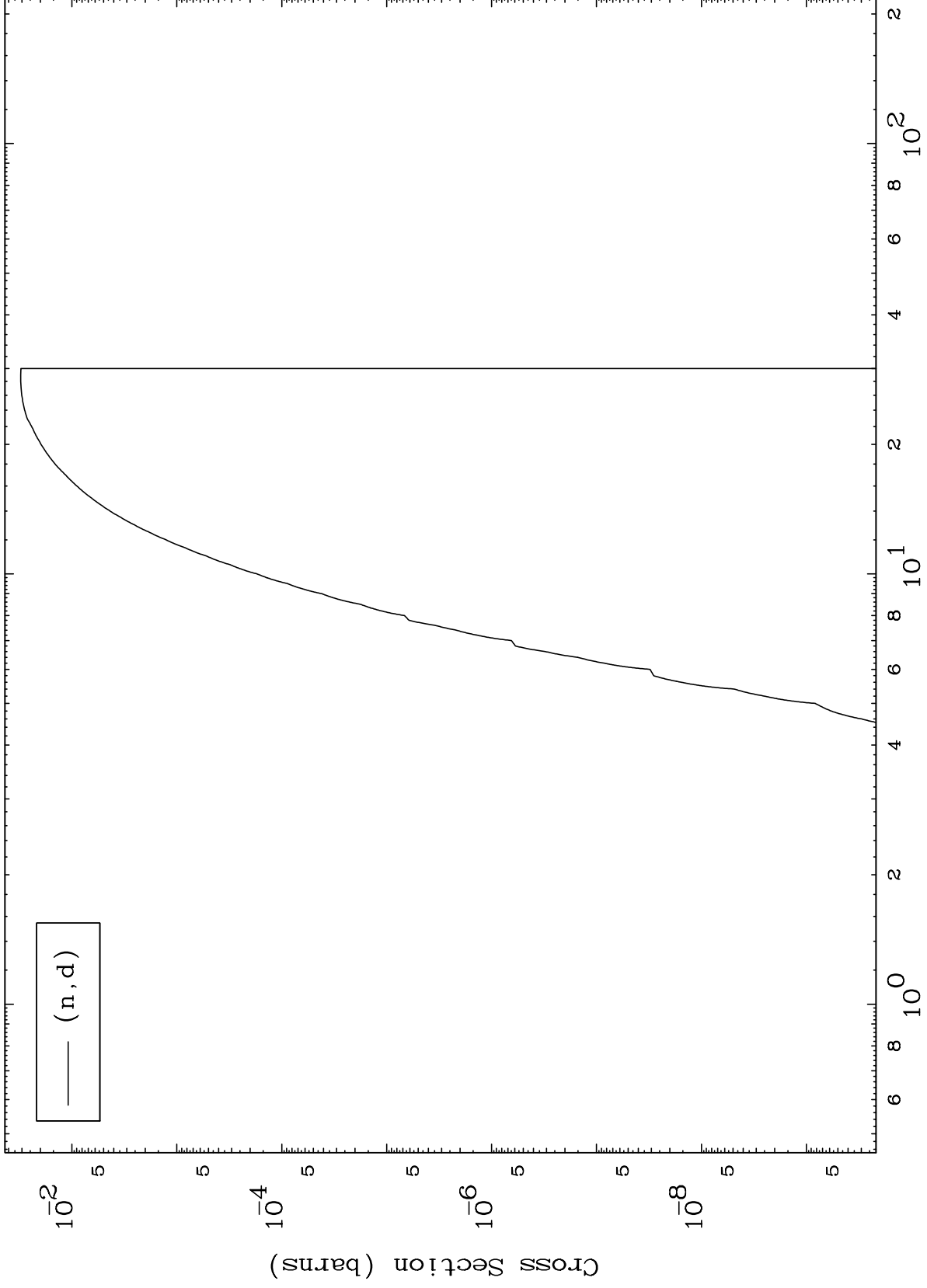
71-Lu-165



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(n,d) Levels
293 Kelvin Cross Sections

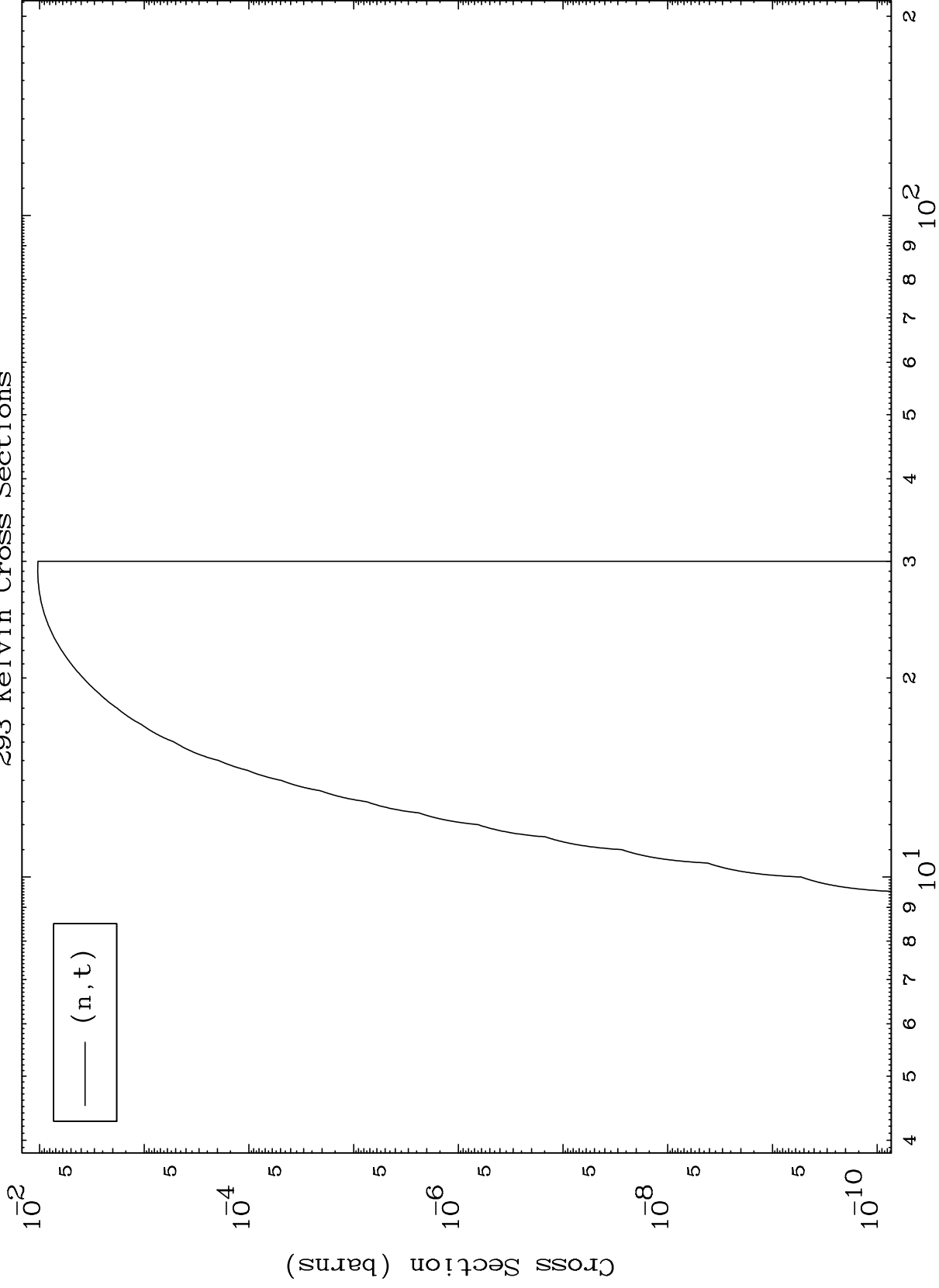
71-Lu-165



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(n,t) Levels
293 Kelvin Cross Sections

71-Lu-165



Incident Energy (MeV)

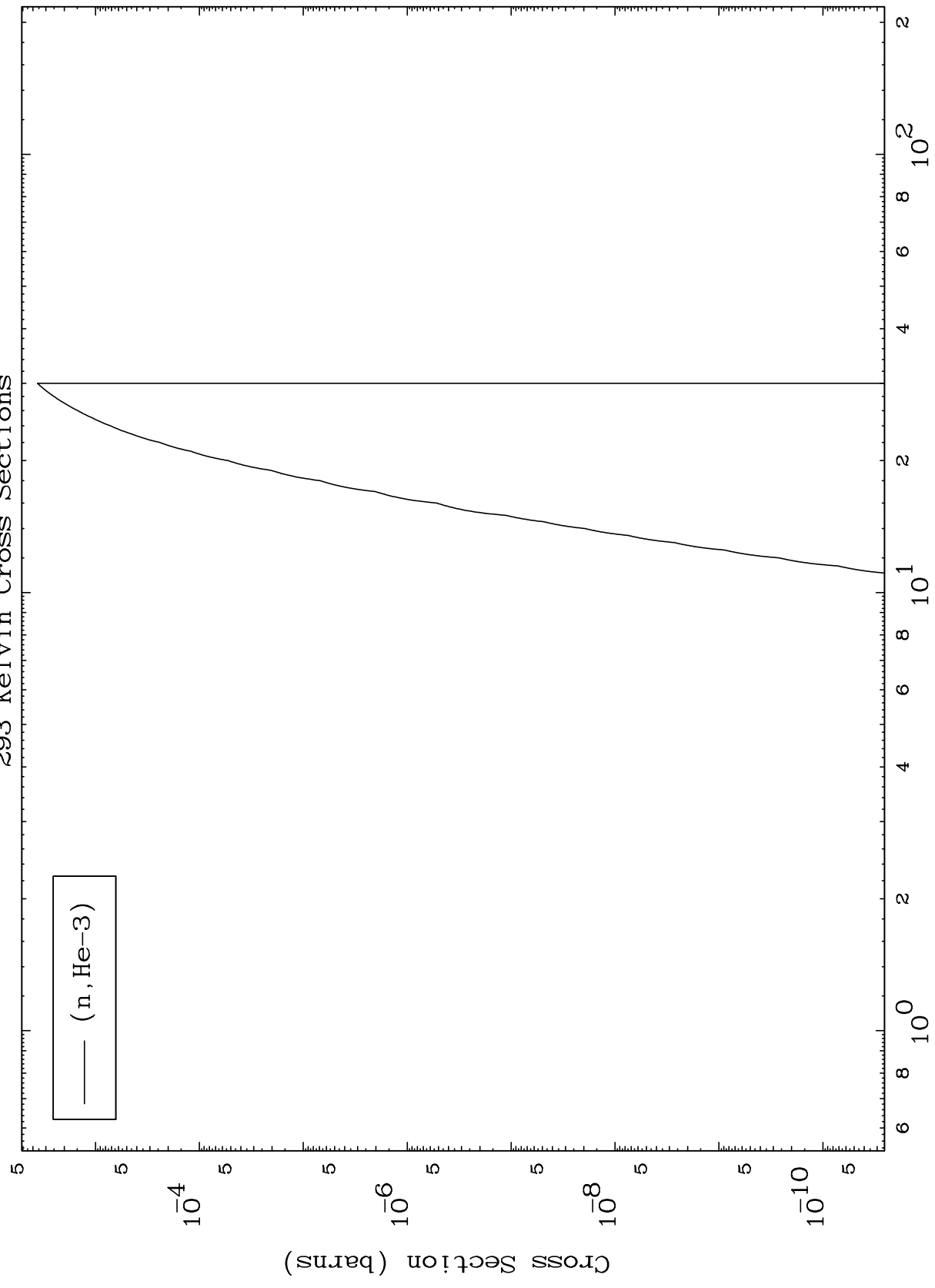
71-Lu-165

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(n,He3) Levels
293 Kelvin Cross Sections

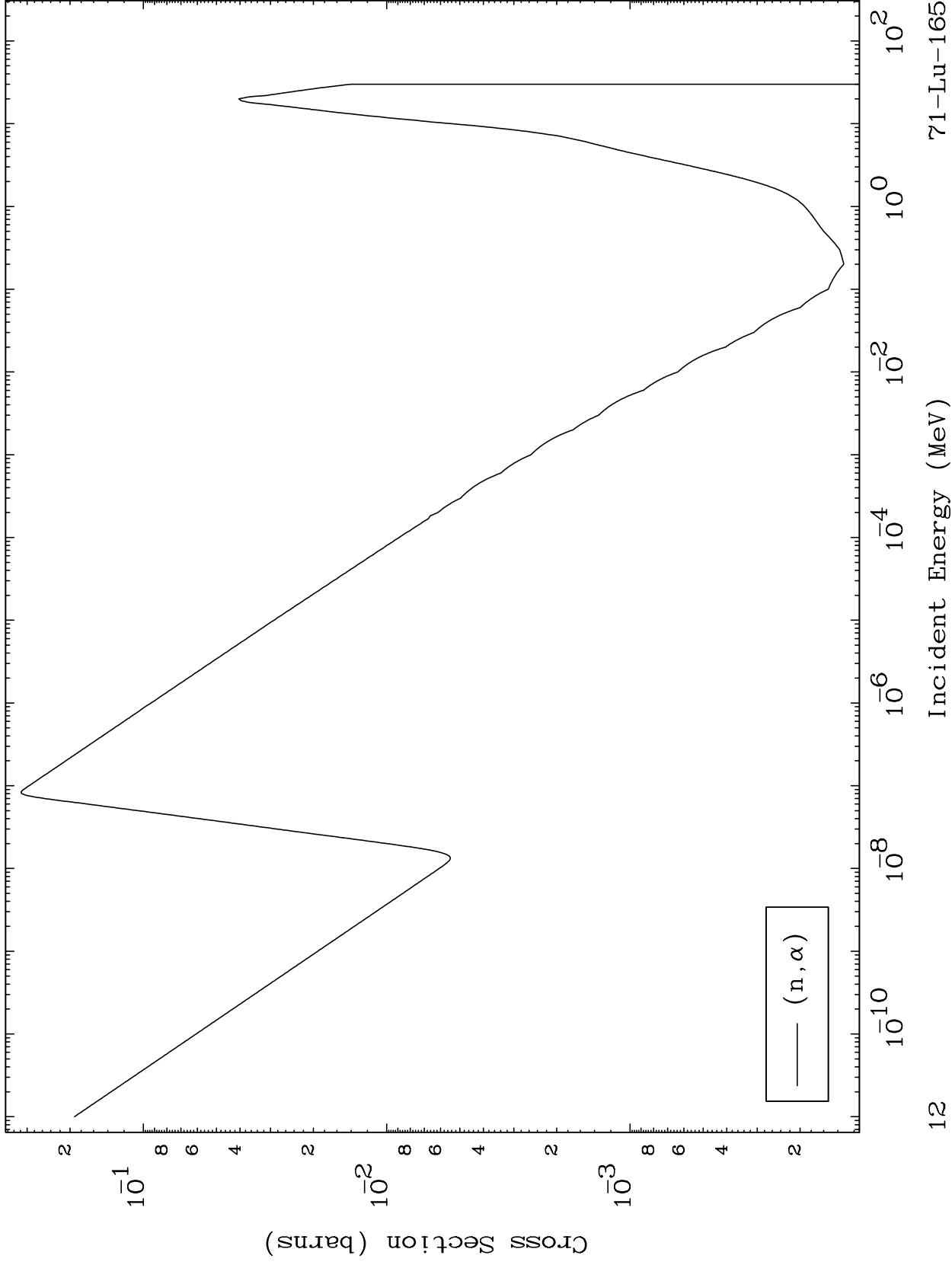
71-Lu-165

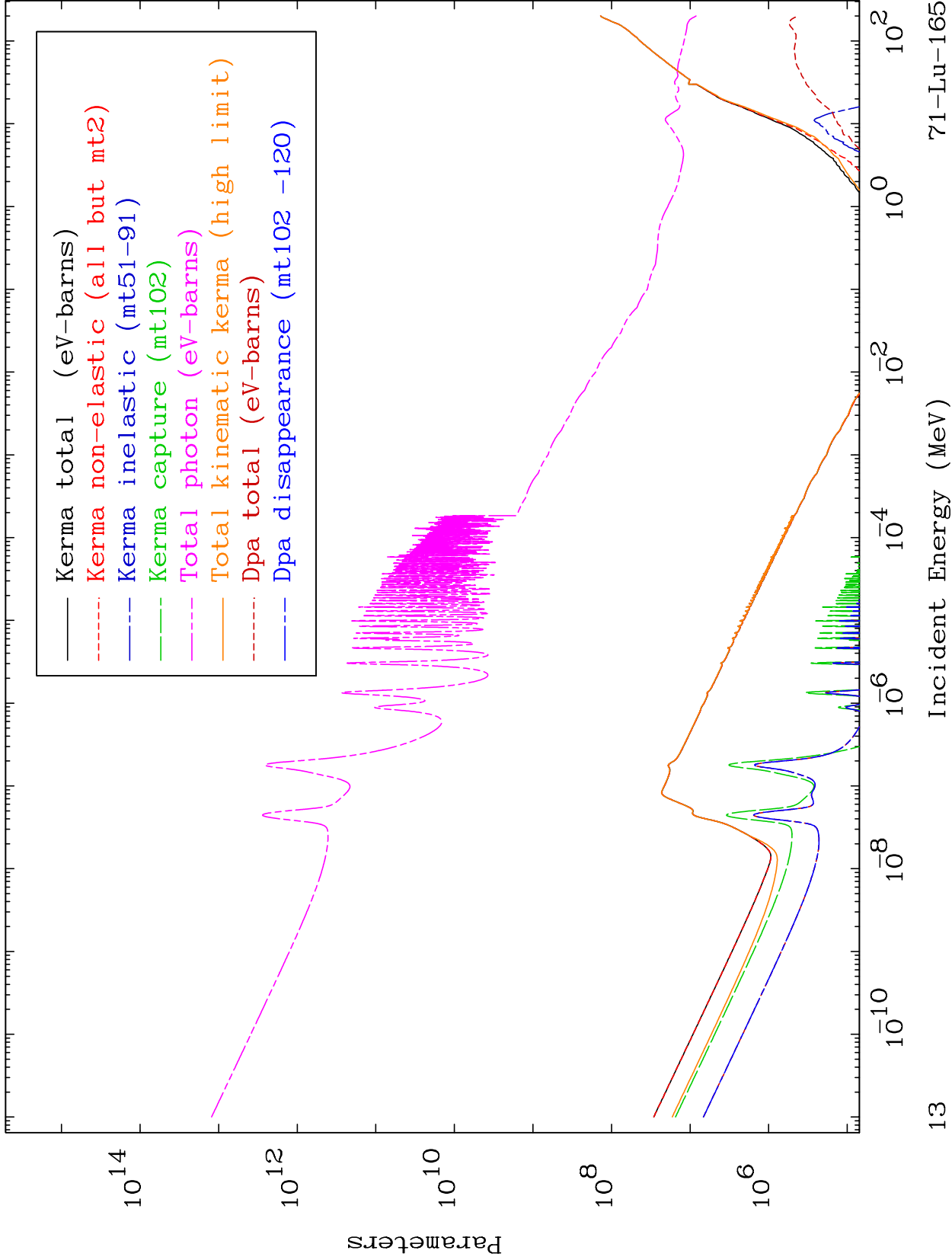


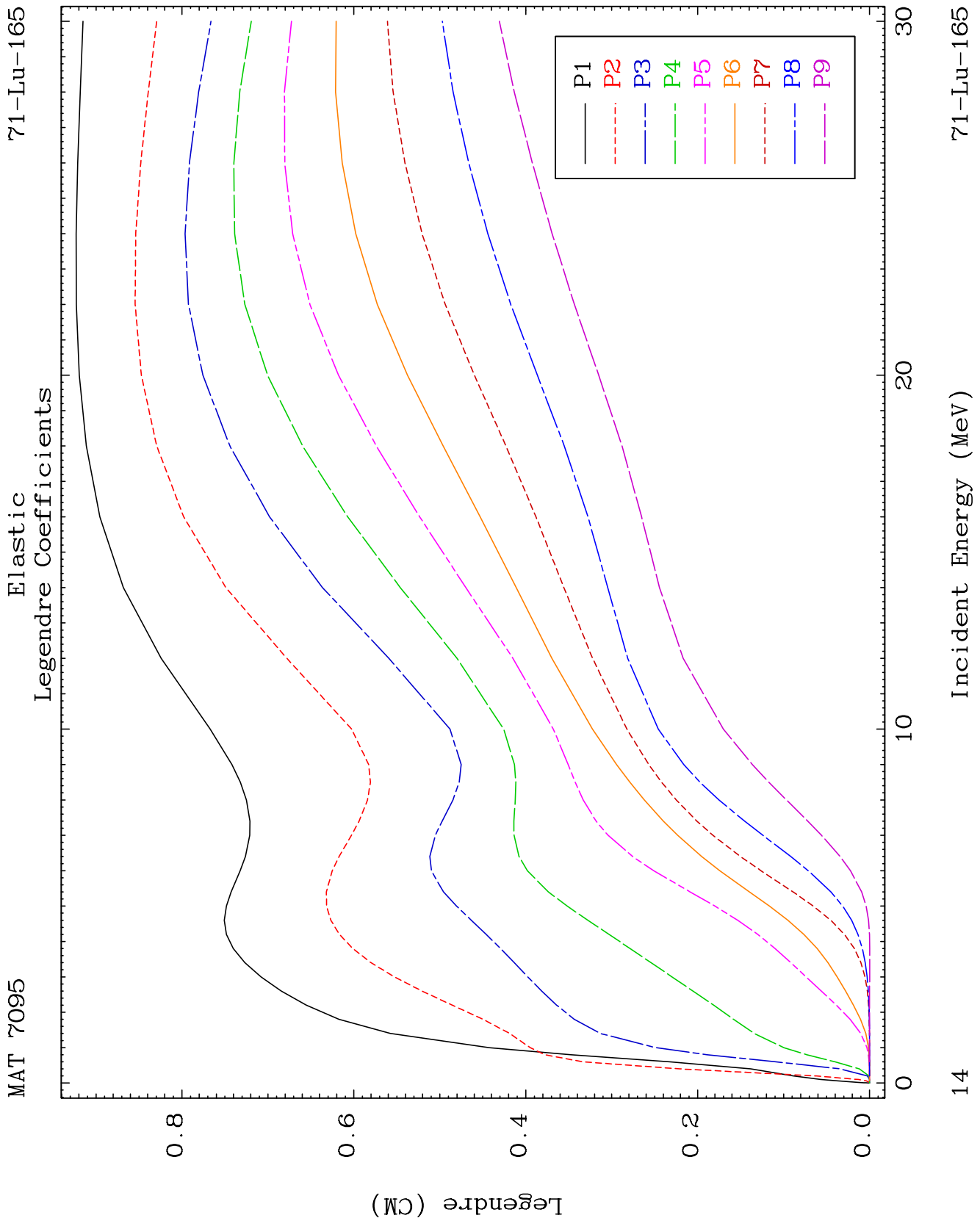
MAT 7095

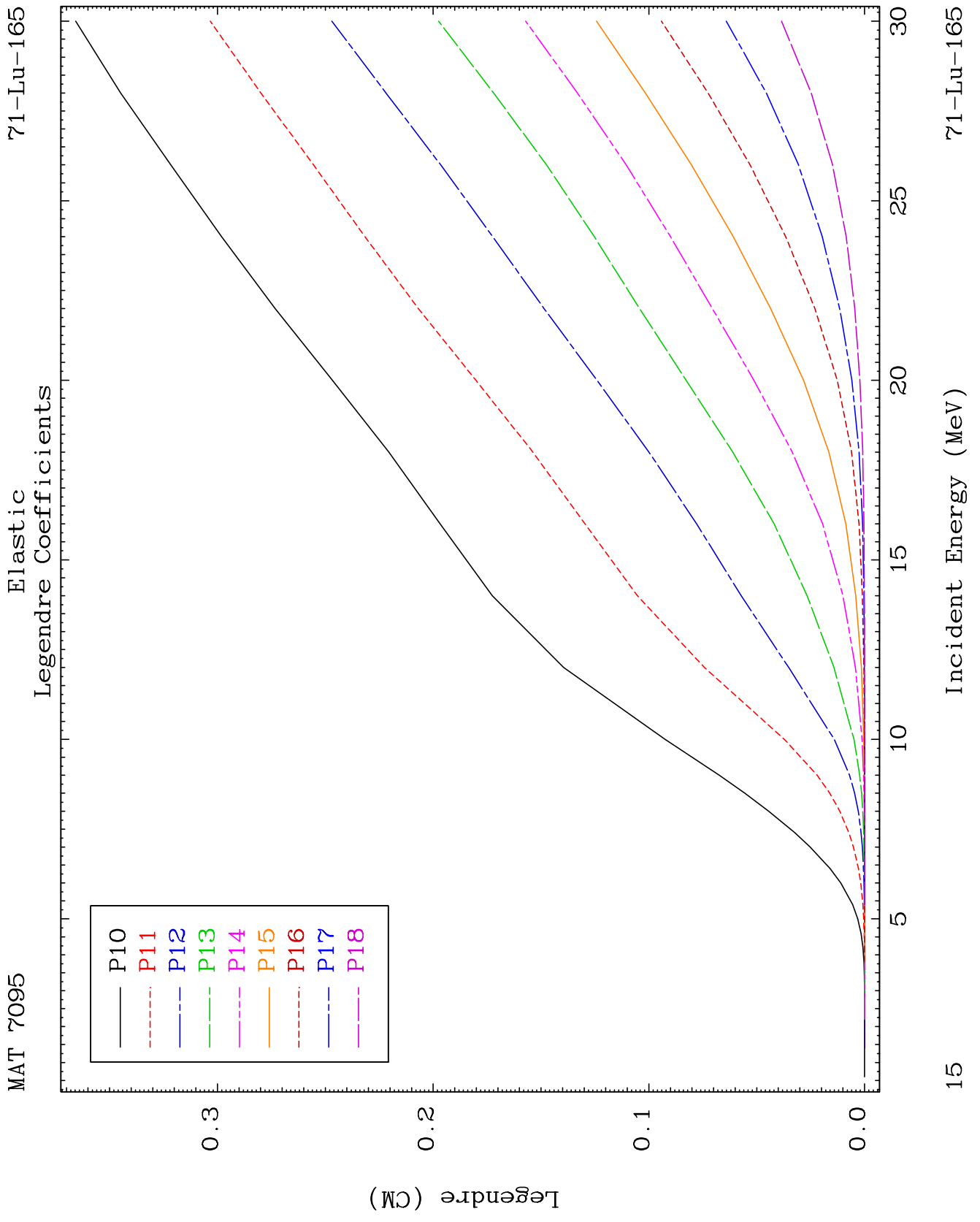
(n, α) Levels
293 Kelvin Cross Sections

71-Lu-165





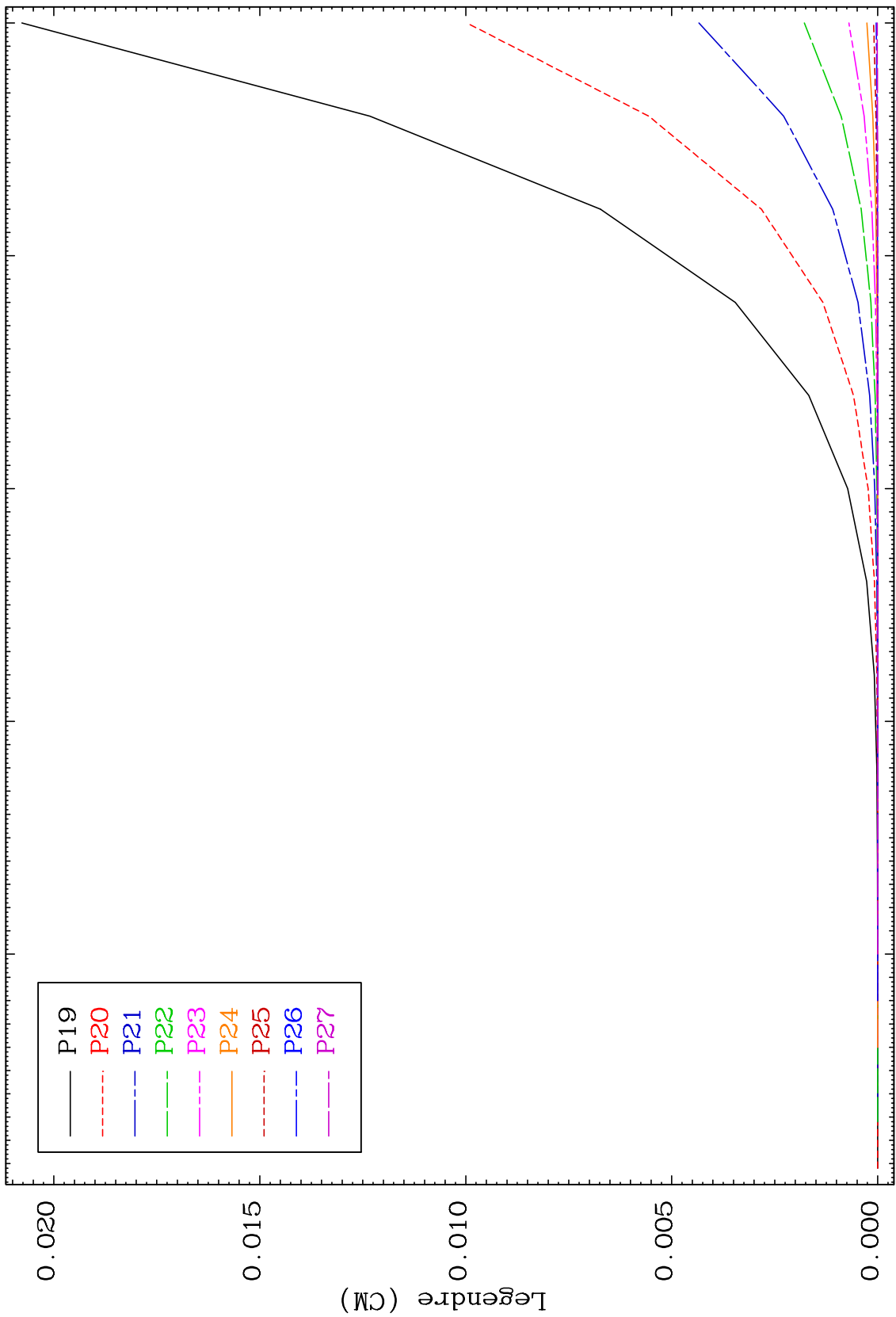




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Elastic
Legendre Coefficients

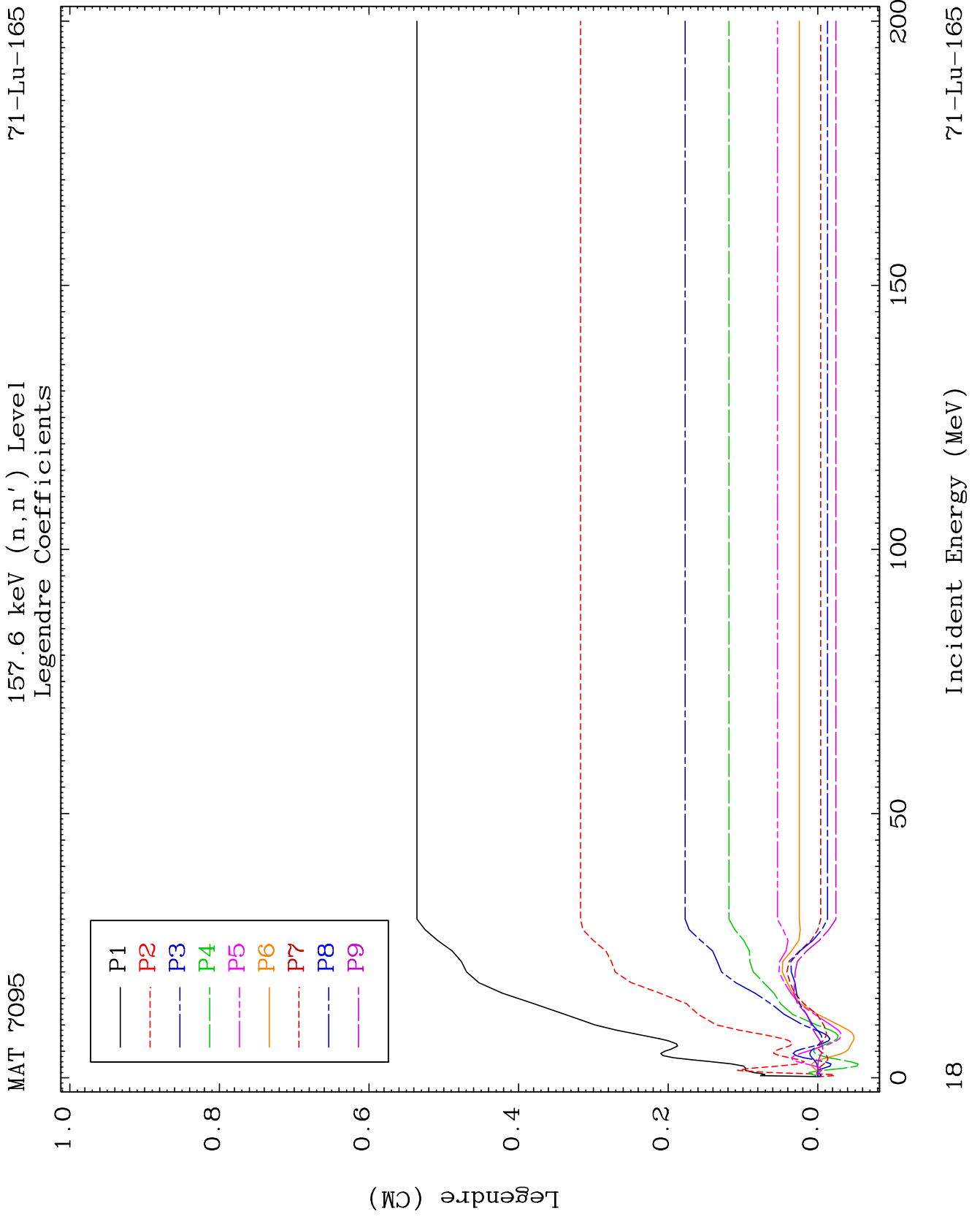
⁷¹Lu-165

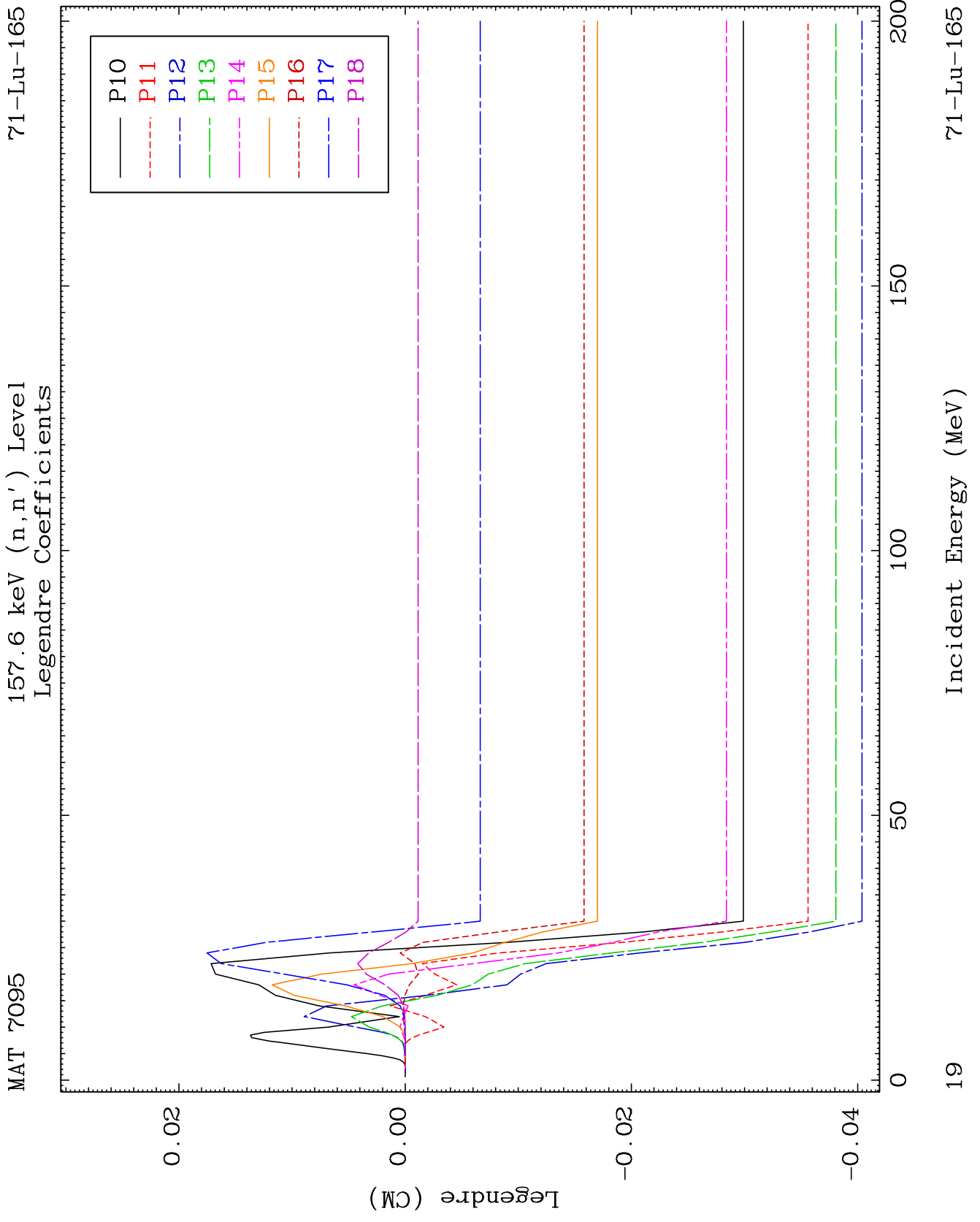


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Incident Energy (MeV)

⁷¹Lu-165

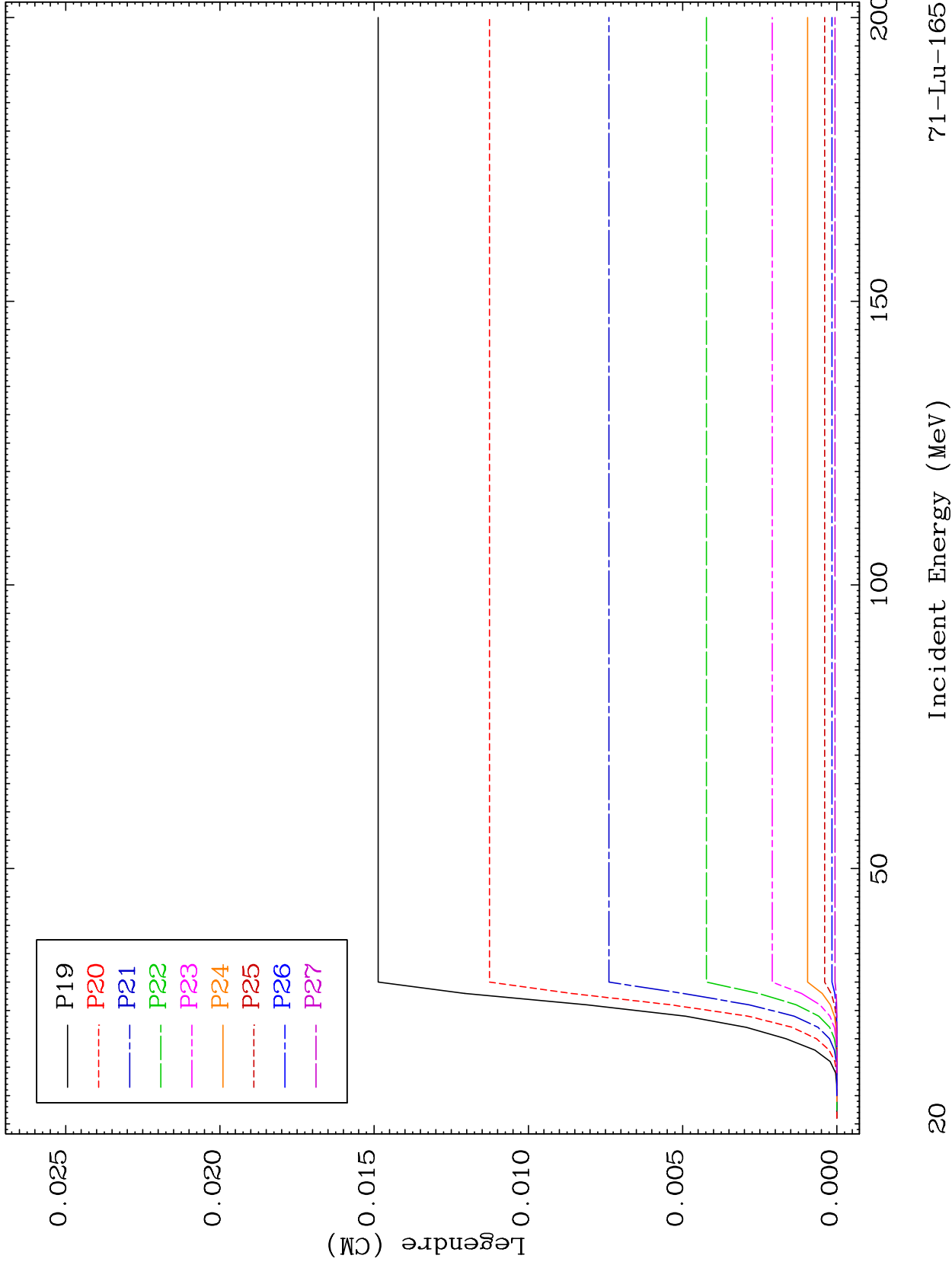




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157.6 keV (n, n') Level
Legendre Coefficients

71-Lu-165



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Incident Energy (MeV)

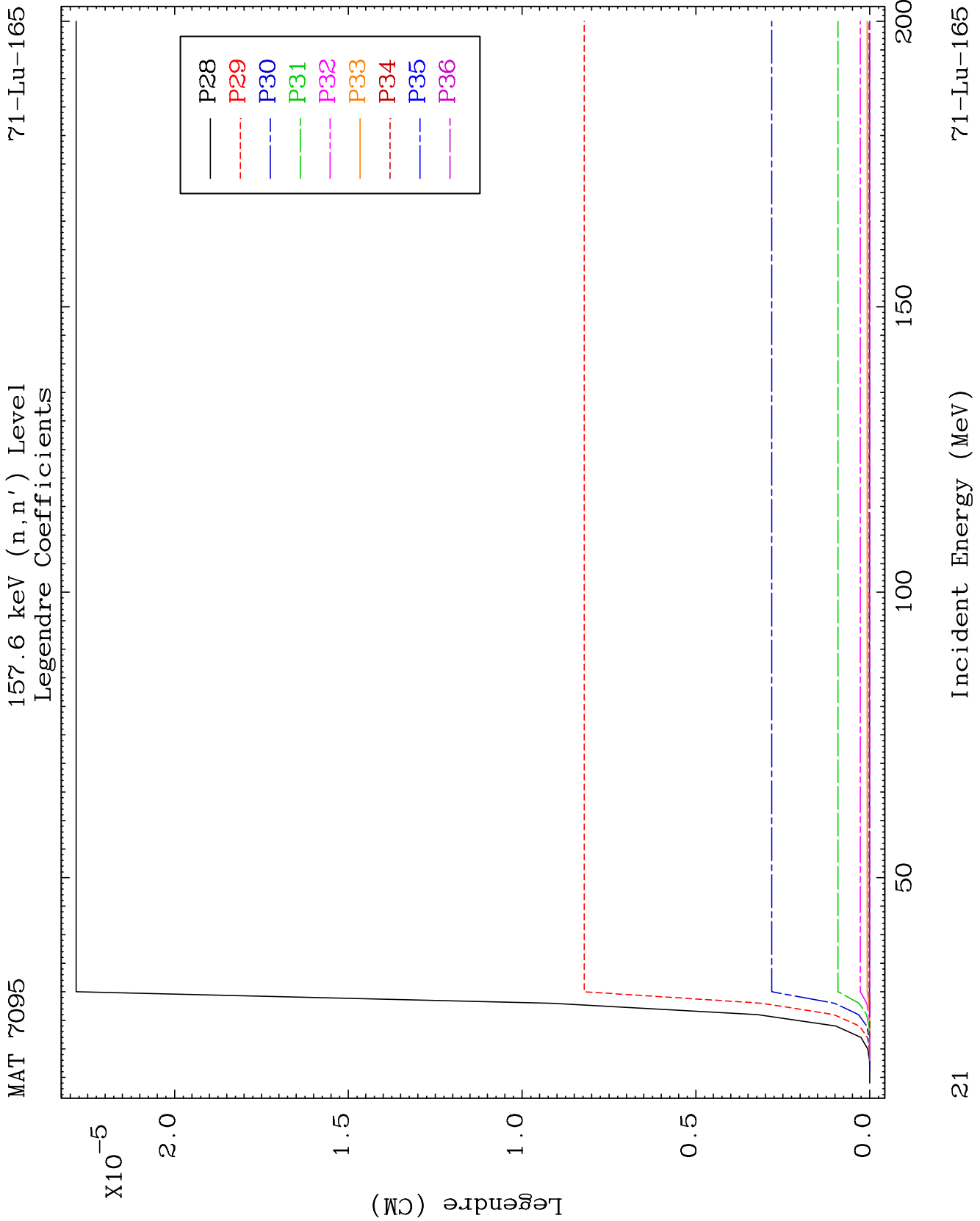
50

100

150

200

71-Lu-165

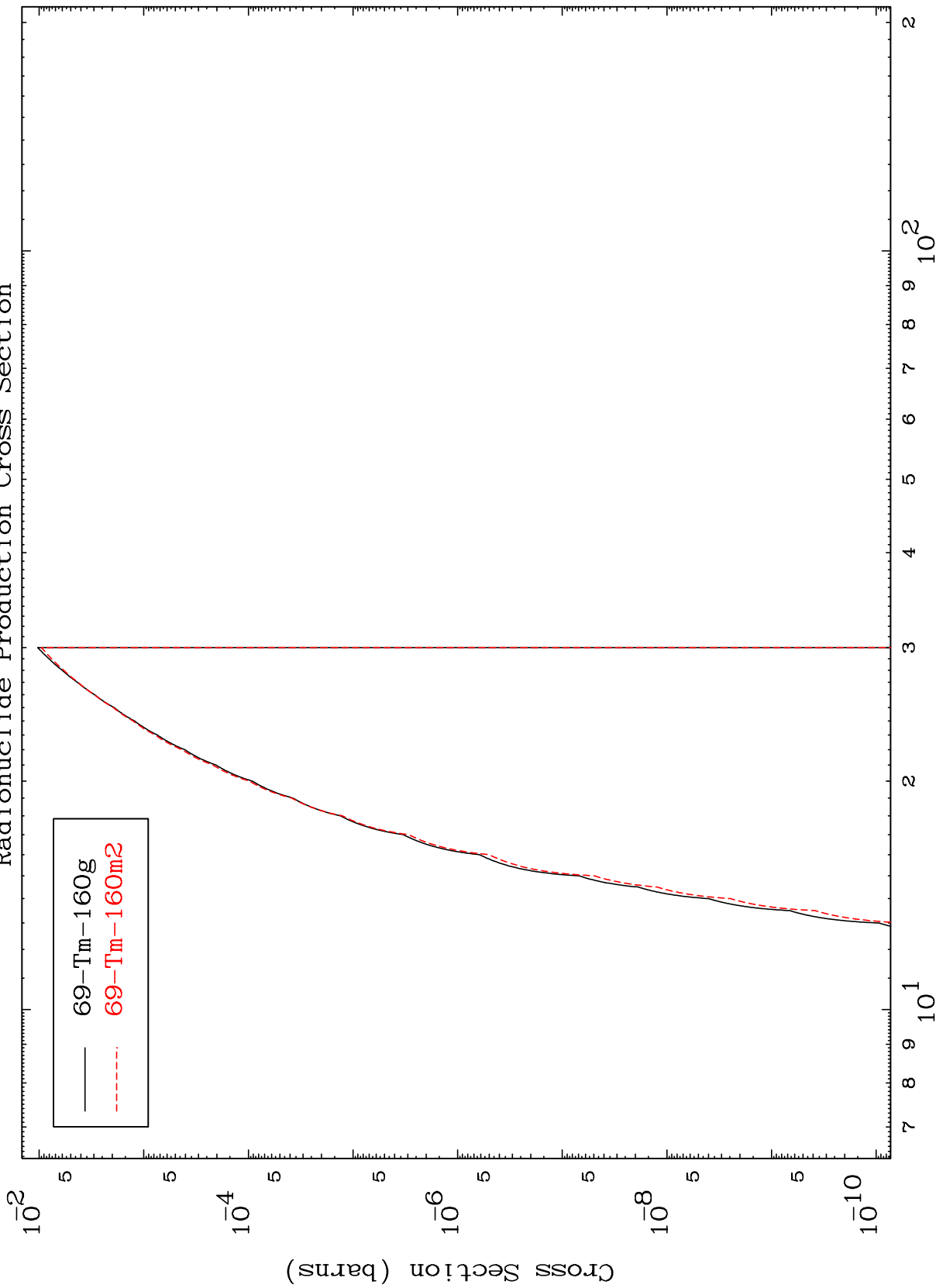


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$(n,2n) \alpha$

$^{71}\text{Lu-165}$

Radionuclide Production Cross Section



22

Incident Energy (MeV)

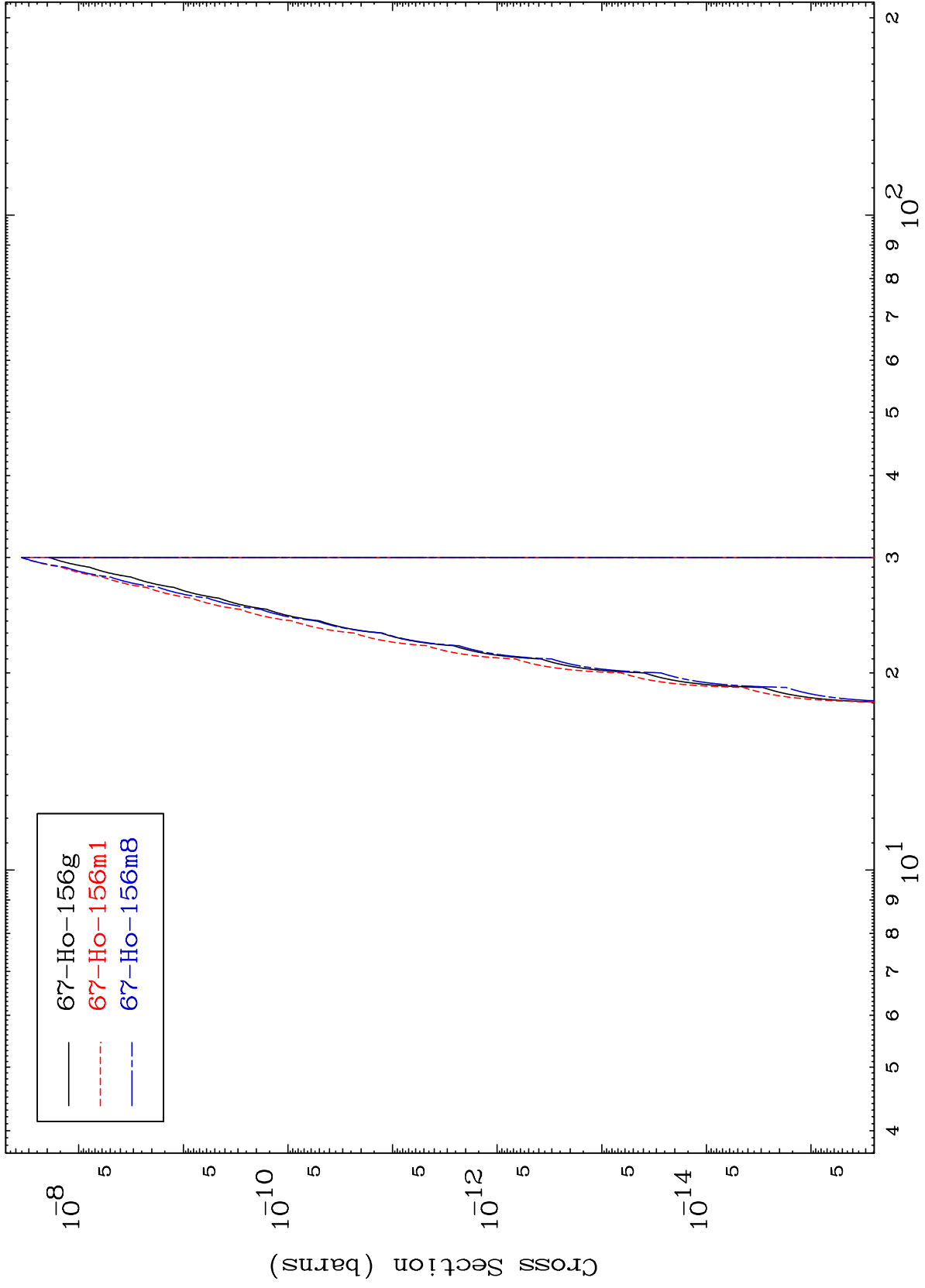
$^{71}\text{Lu-165}$

MAT 7095

$(n,2n)$ 2α

$^{71}\text{Lu-165}$

Radionuclide Production Cross Section



23

Incident Energy (MeV)

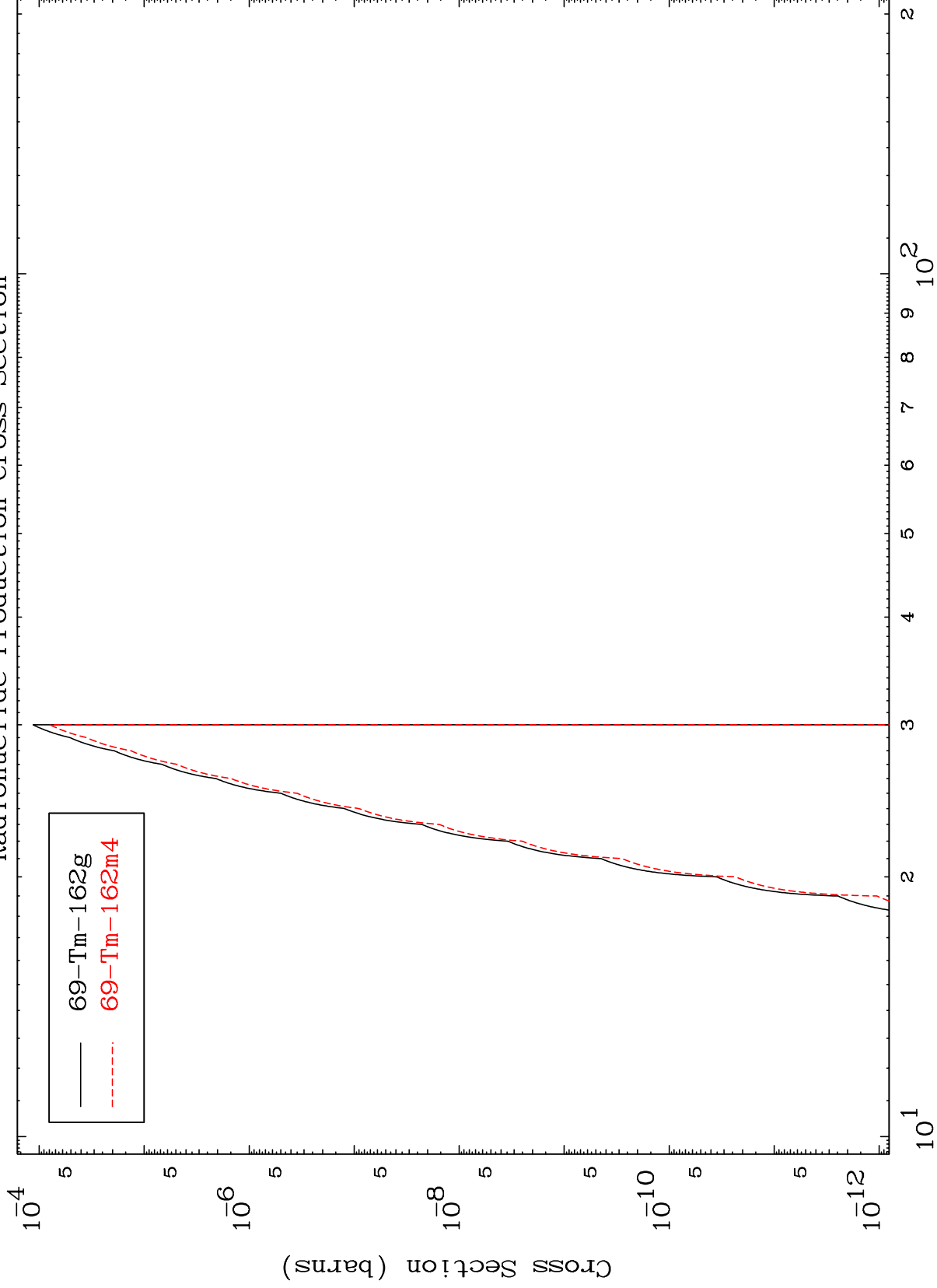
$^{71}\text{Lu-165}$

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(n,n') He-3

71-Lu-165

Radionuclide Production Cross Section



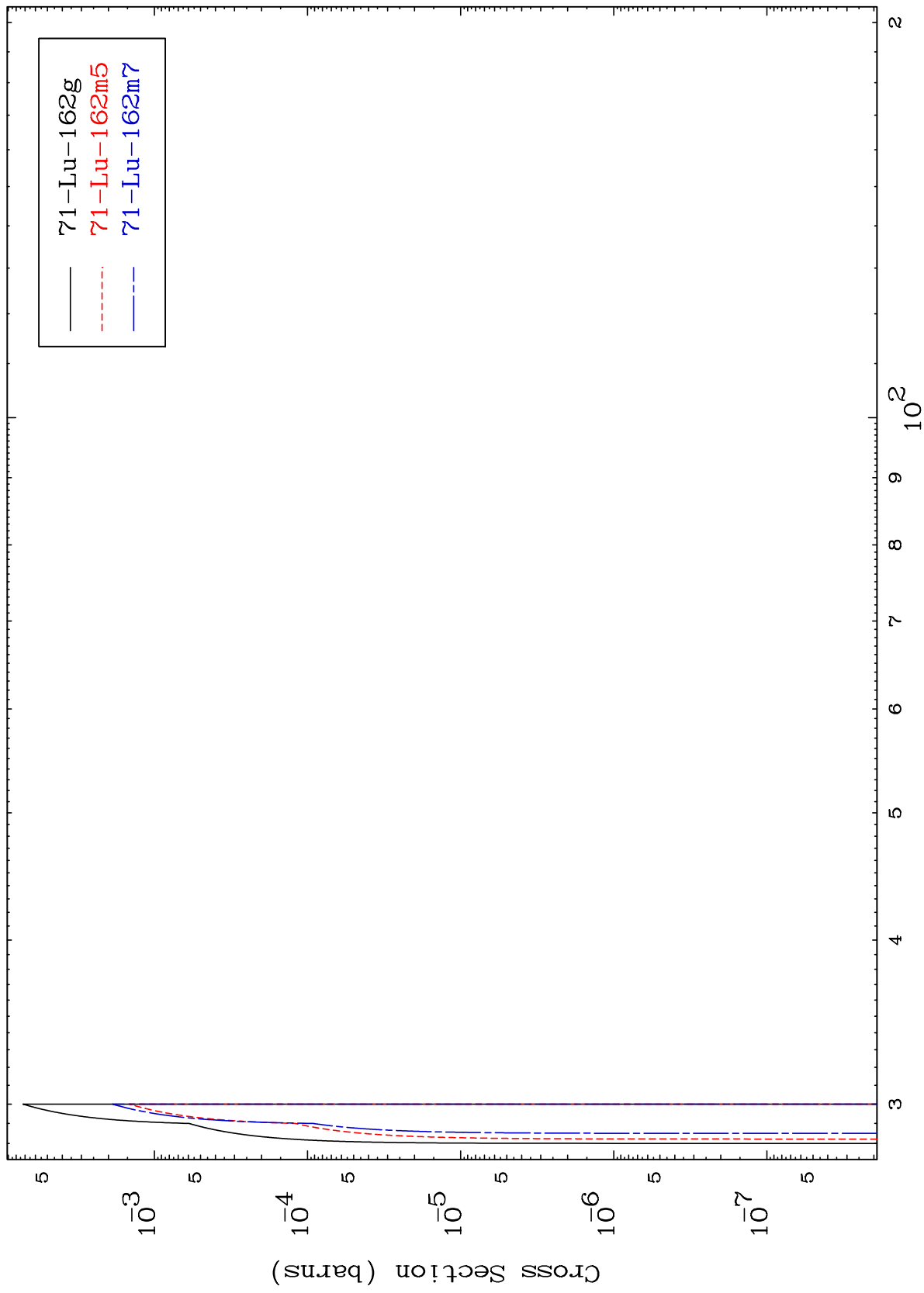
71-Lu-165

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71-Lu-165

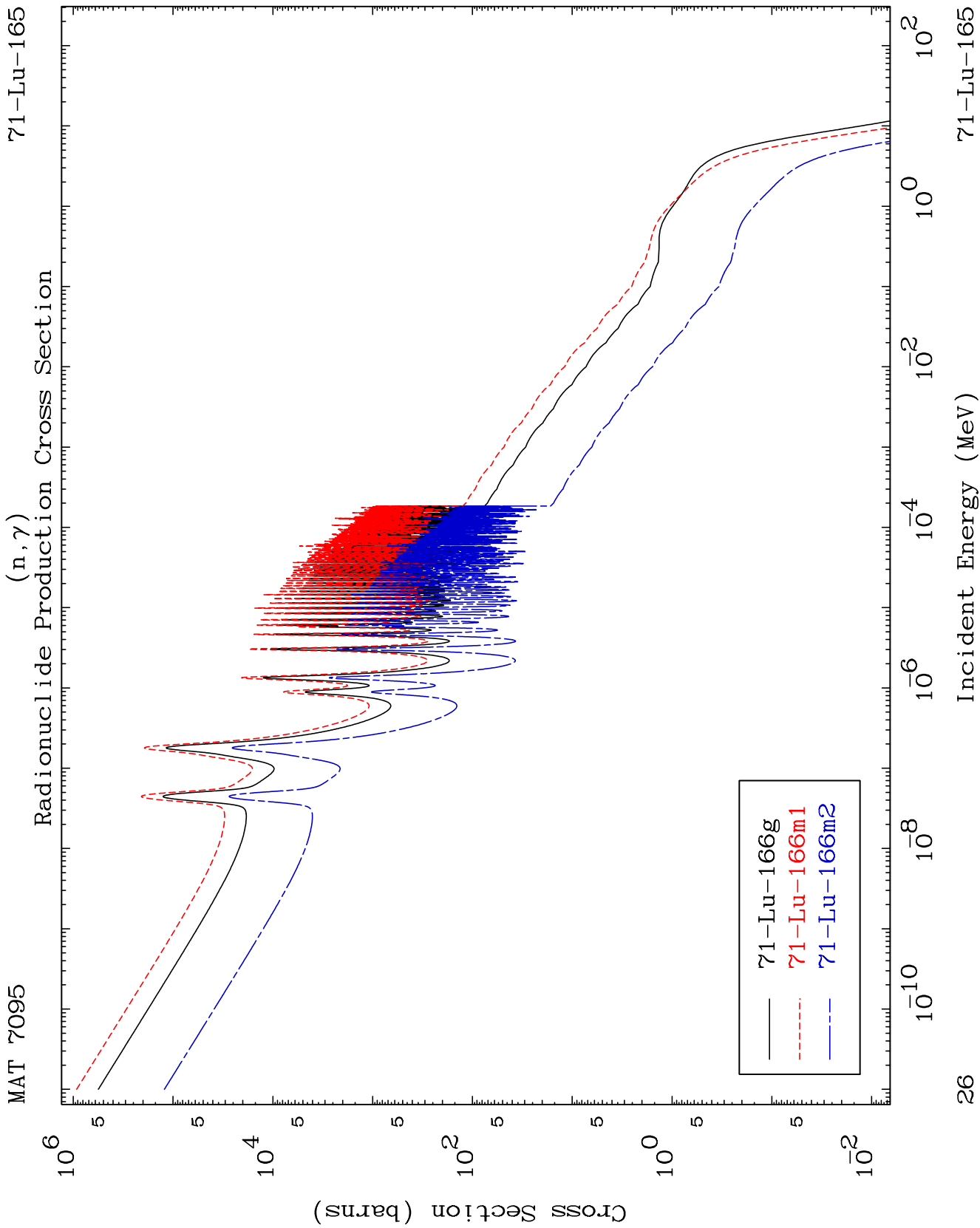
(n,4n)
Radionuclide Production Cross Section



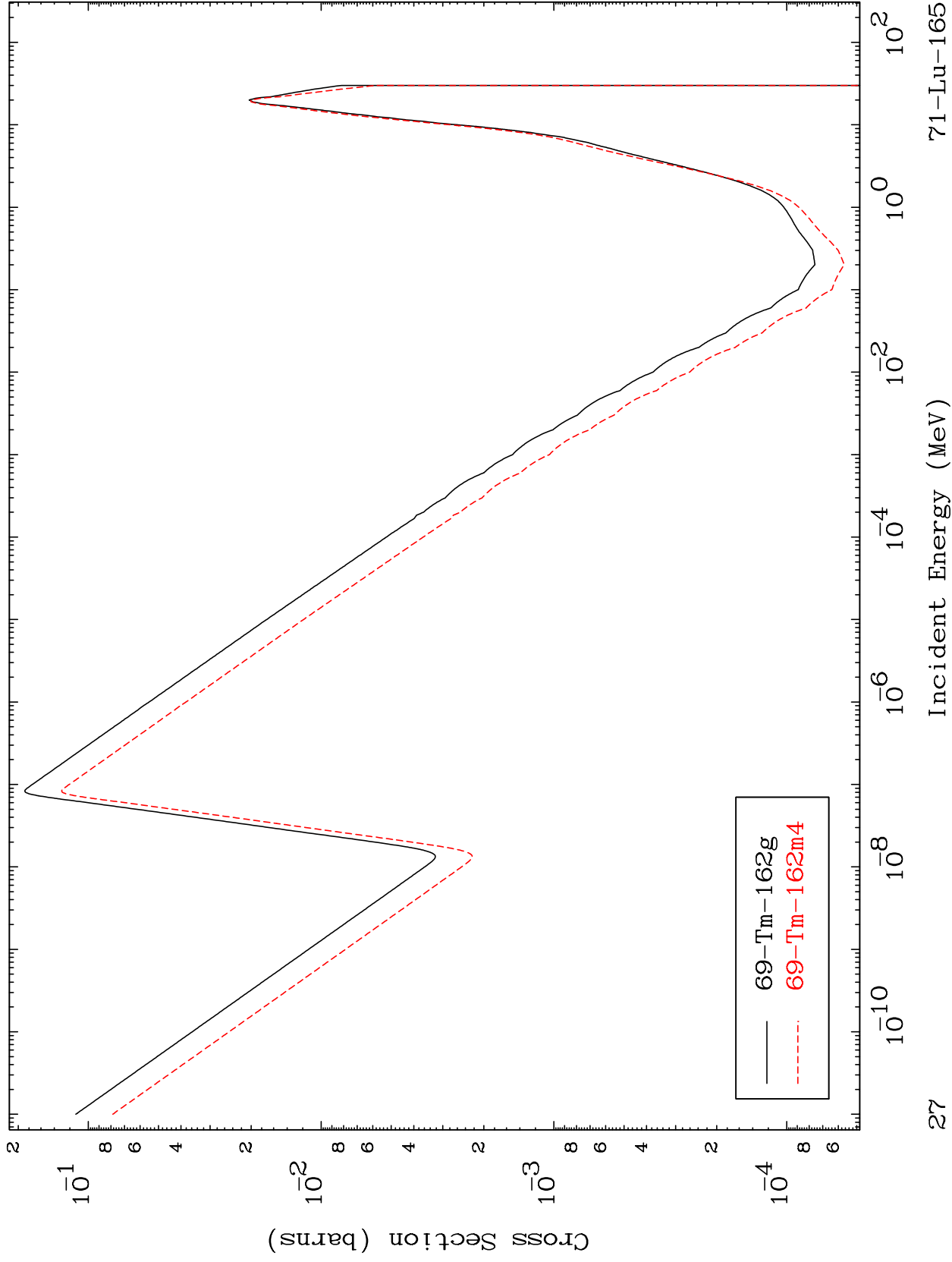
25

71-Lu-165

Incident Energy (MeV)



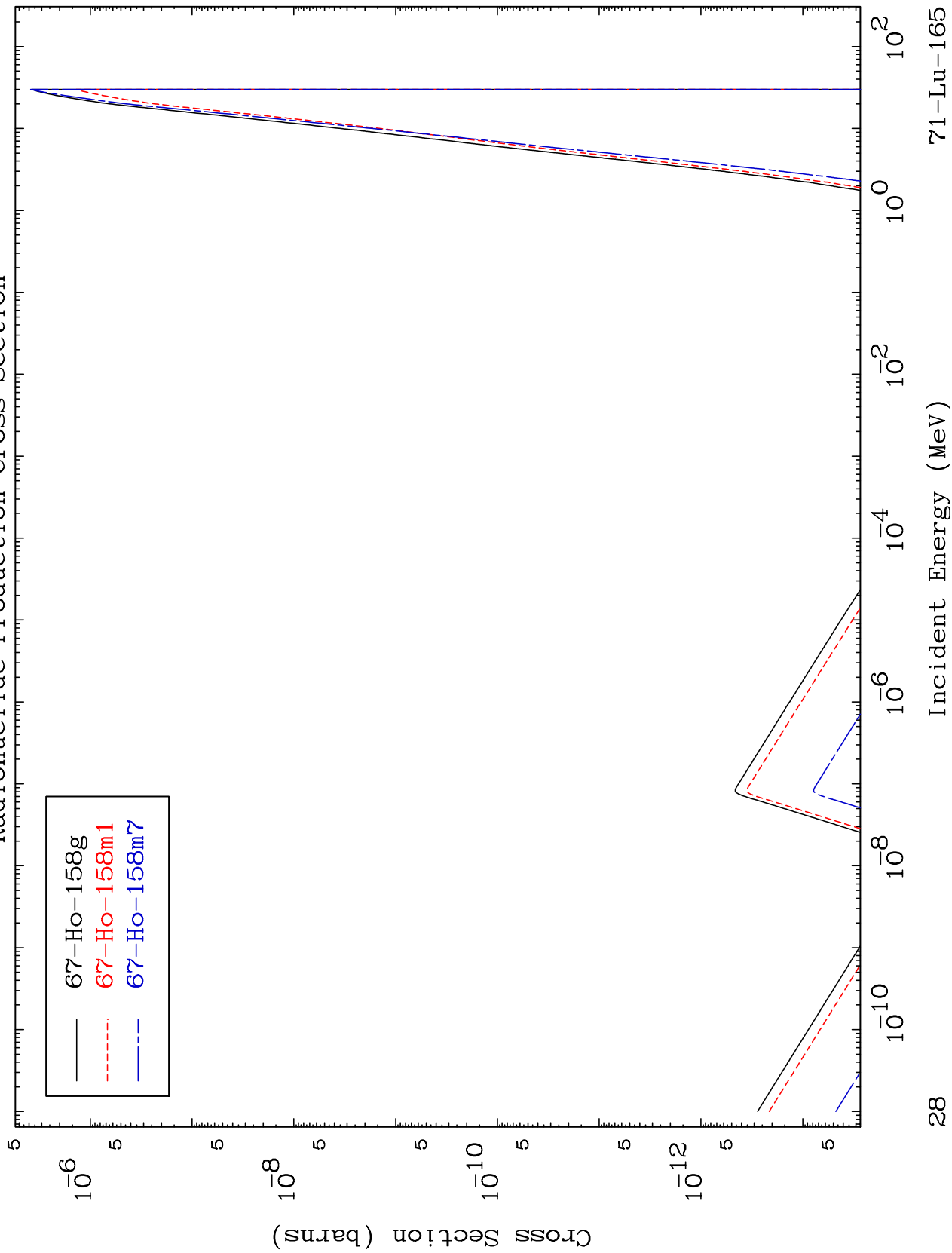
Radionuclide Production Cross Section
(n, α)



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$^{71}\text{Lu-165}$

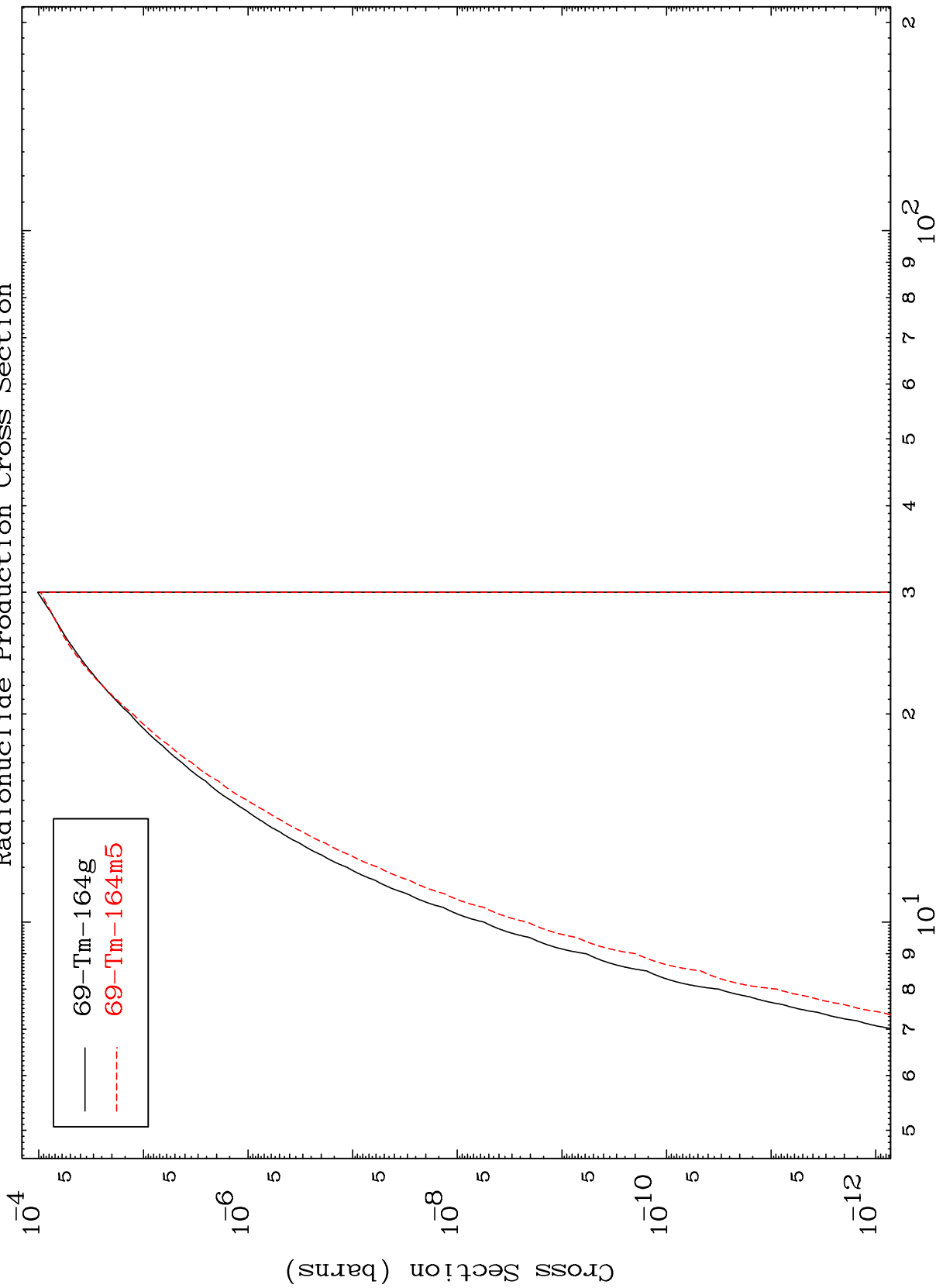
Radionuclide Production Cross Section
($n, 2\alpha$)



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71-Lu-165

Radionuclide Production Cross Section
(n,2p)



Incident Energy (MeV)

71-Lu-165

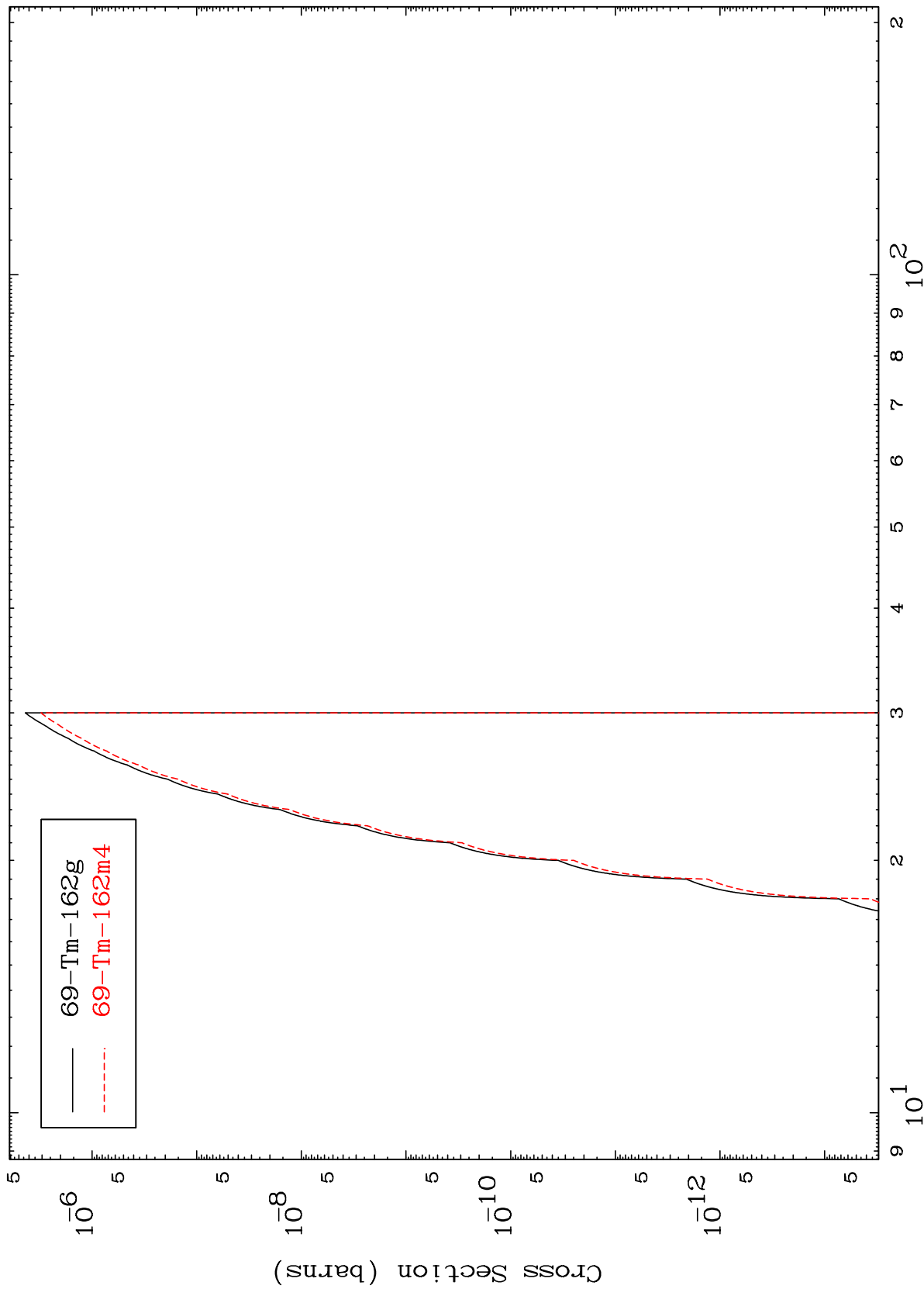
29

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(n,p) t

71-Lu-165

Radionuclide Production Cross Section



Incident Energy (MeV)

71-Lu-165

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