

Program EVALPLOT
(Version 2017-1)

by

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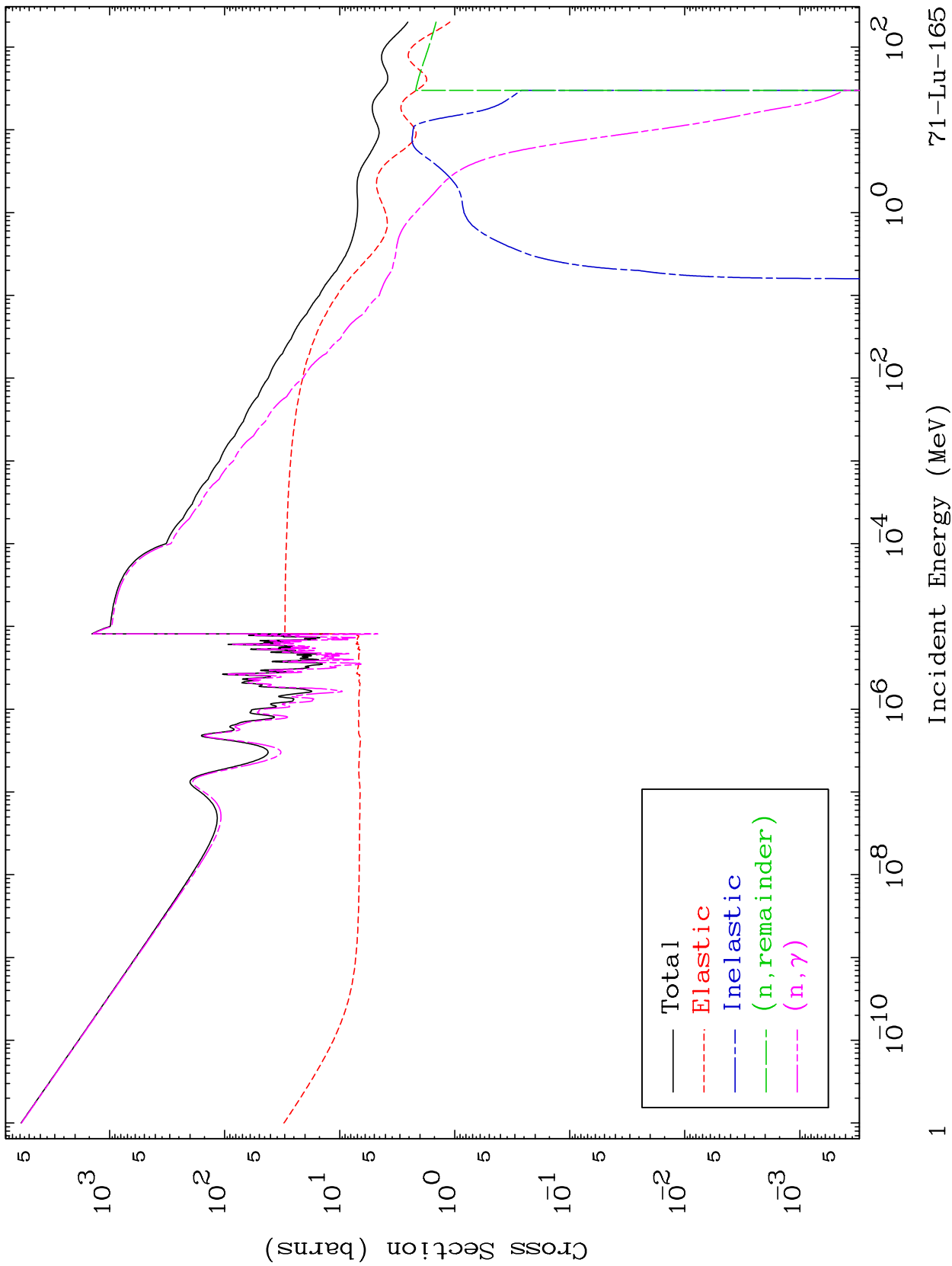
Press Mouse Button to Start

MAT 7095

Major

293 Kelvin Cross Sections

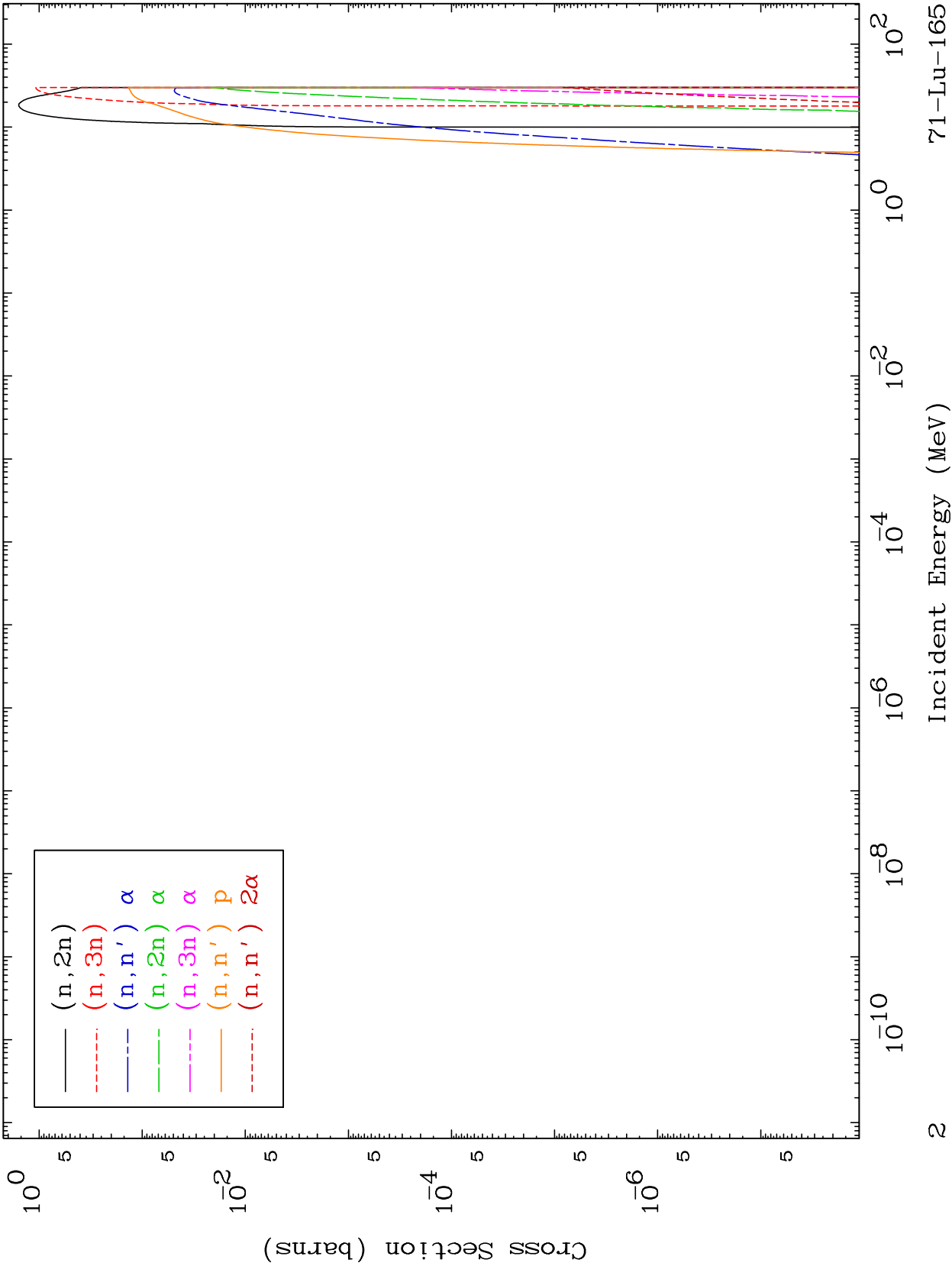
71-Lu-165



MAT 7095

Neutron Production
293 Kelvin Cross Sections

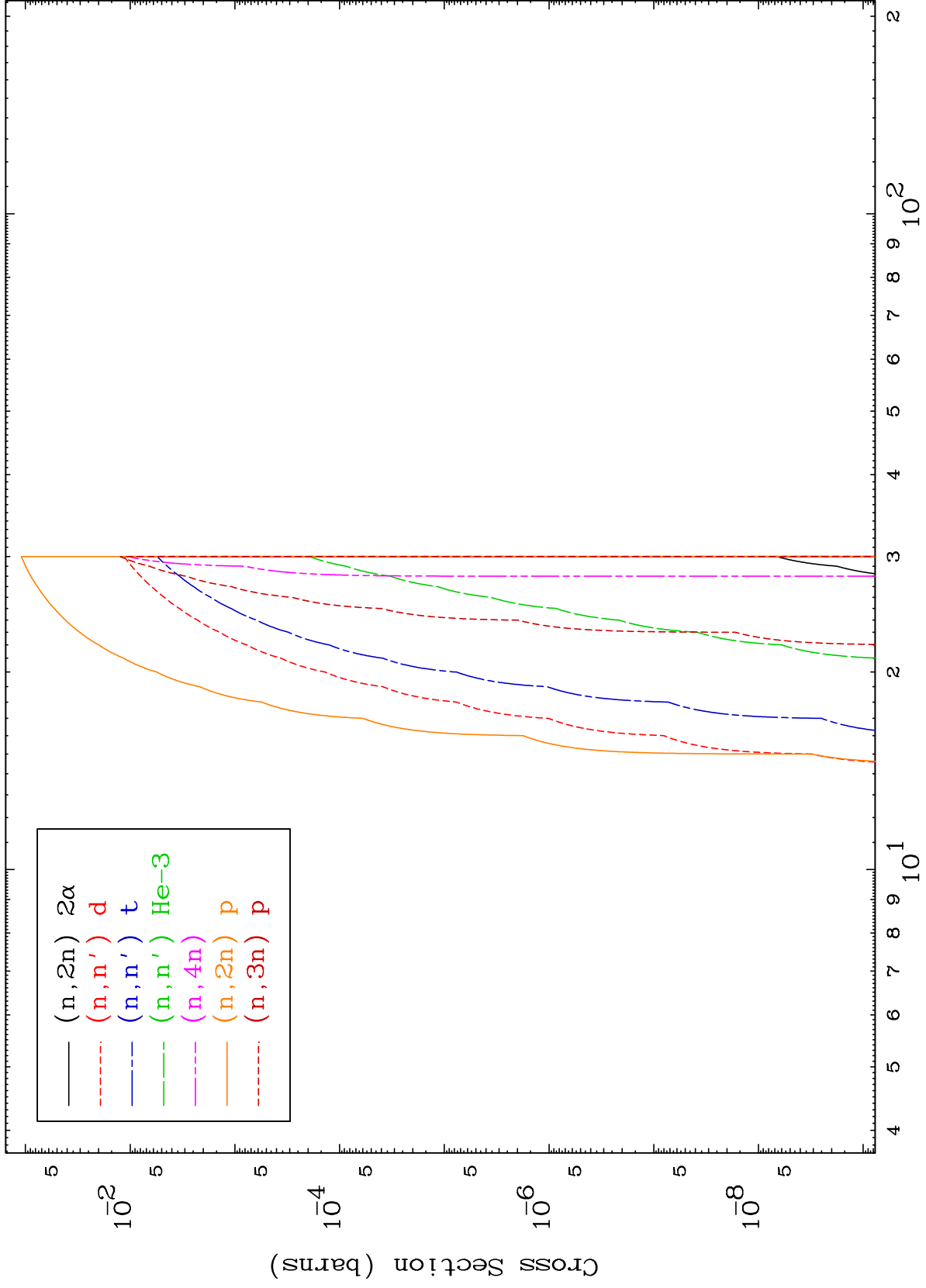
71-Lu-165



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Neutron Production
293 Kelvin Cross Sections

71-Lu-165



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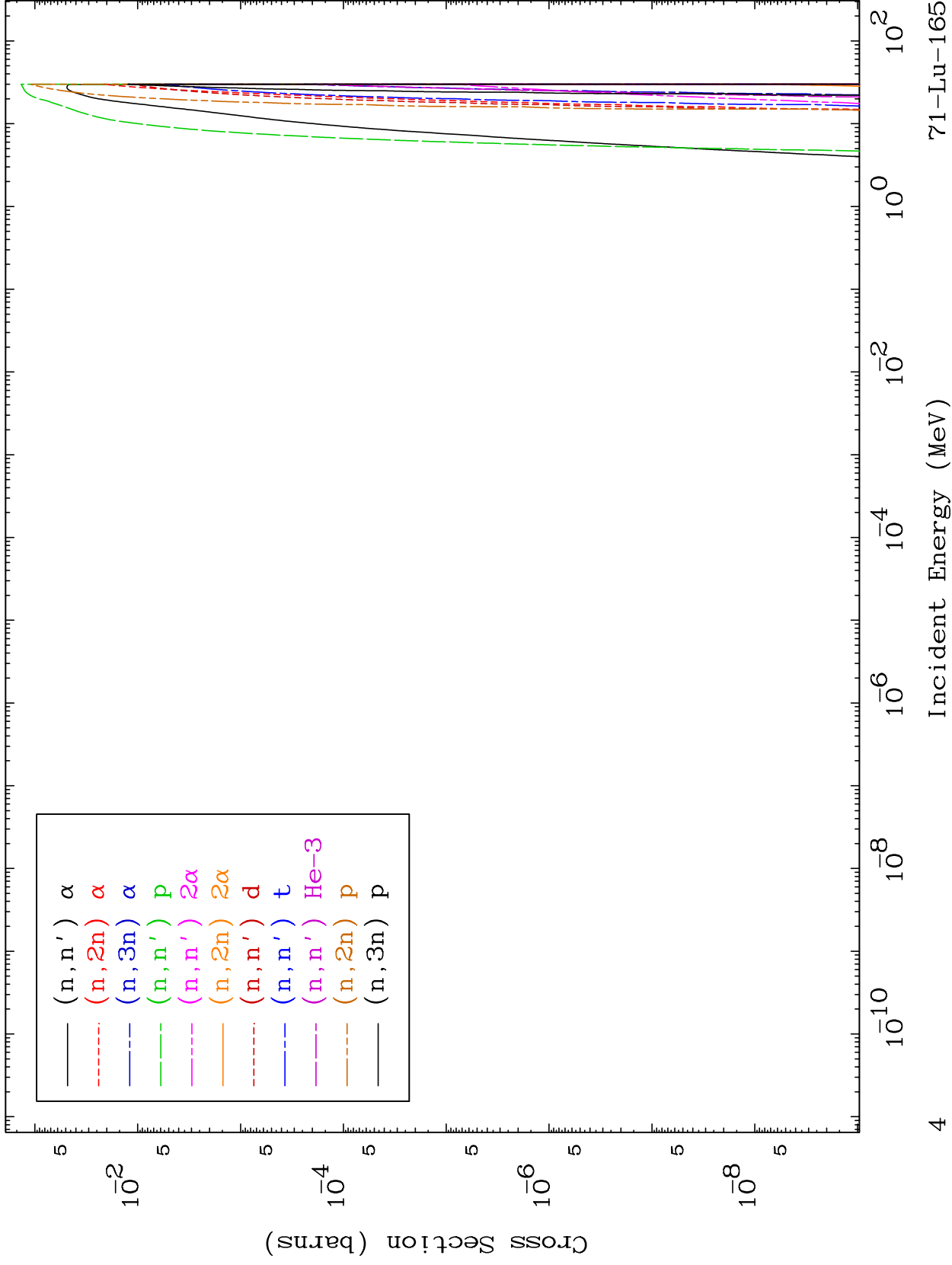
Incident Energy (MeV)

71-Lu-165

MAT 7095

Charged Particle
293 Kelvin Cross Sections

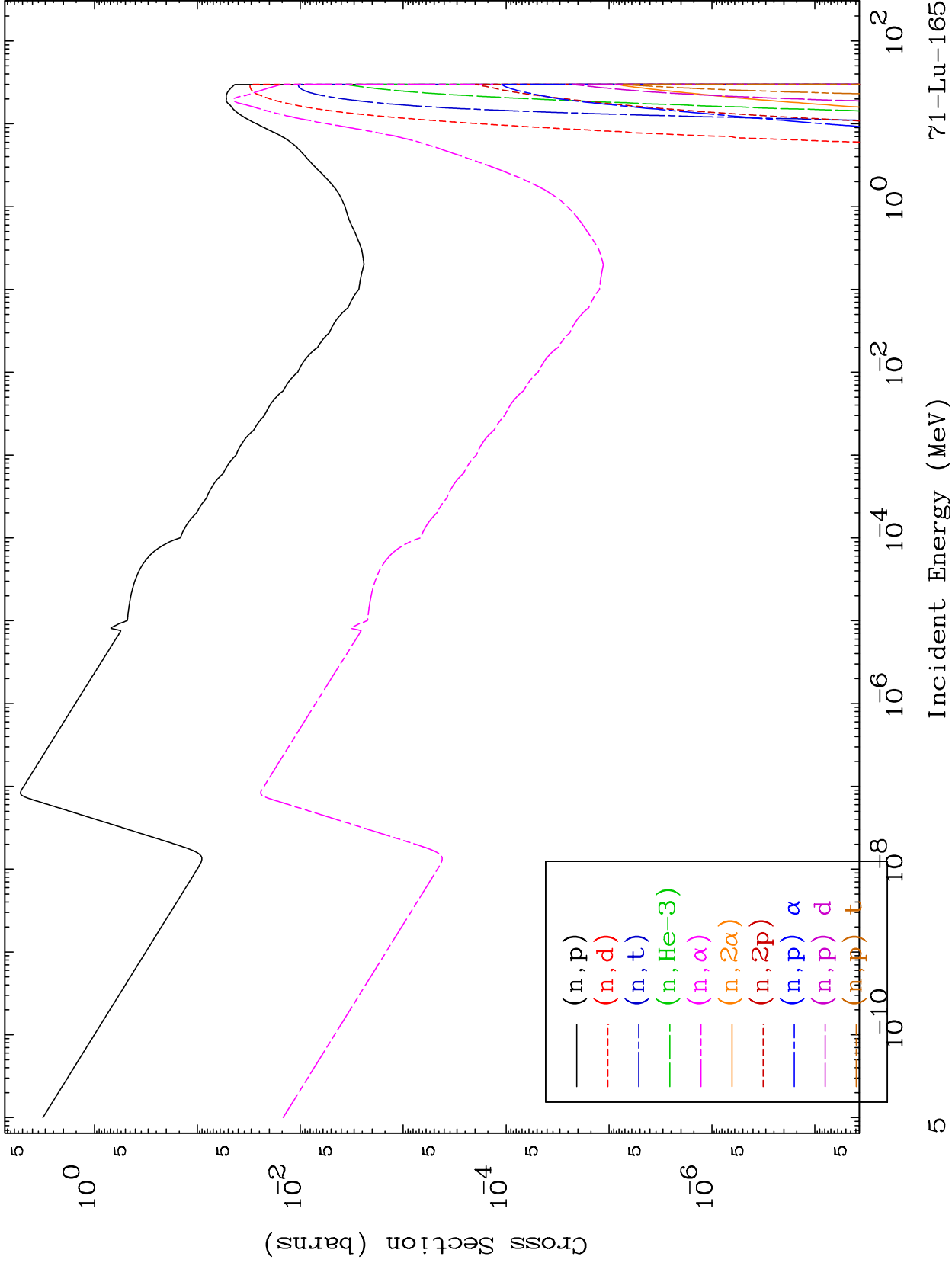
71-Lu-165



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Charged Particle
293 Kelvin Cross Sections

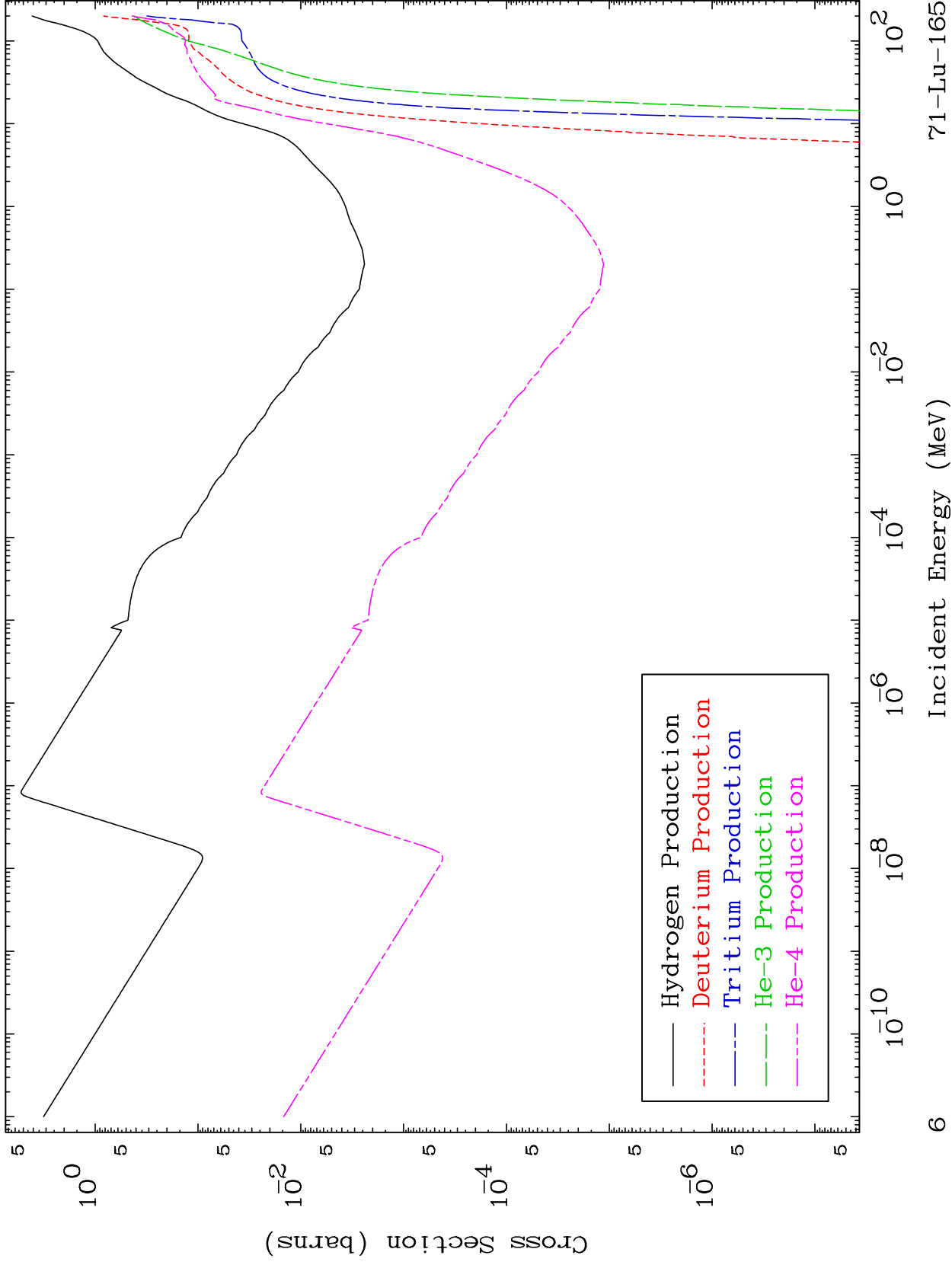
71-Lu-165



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Particle Production
293 Kelvin Cross Sections

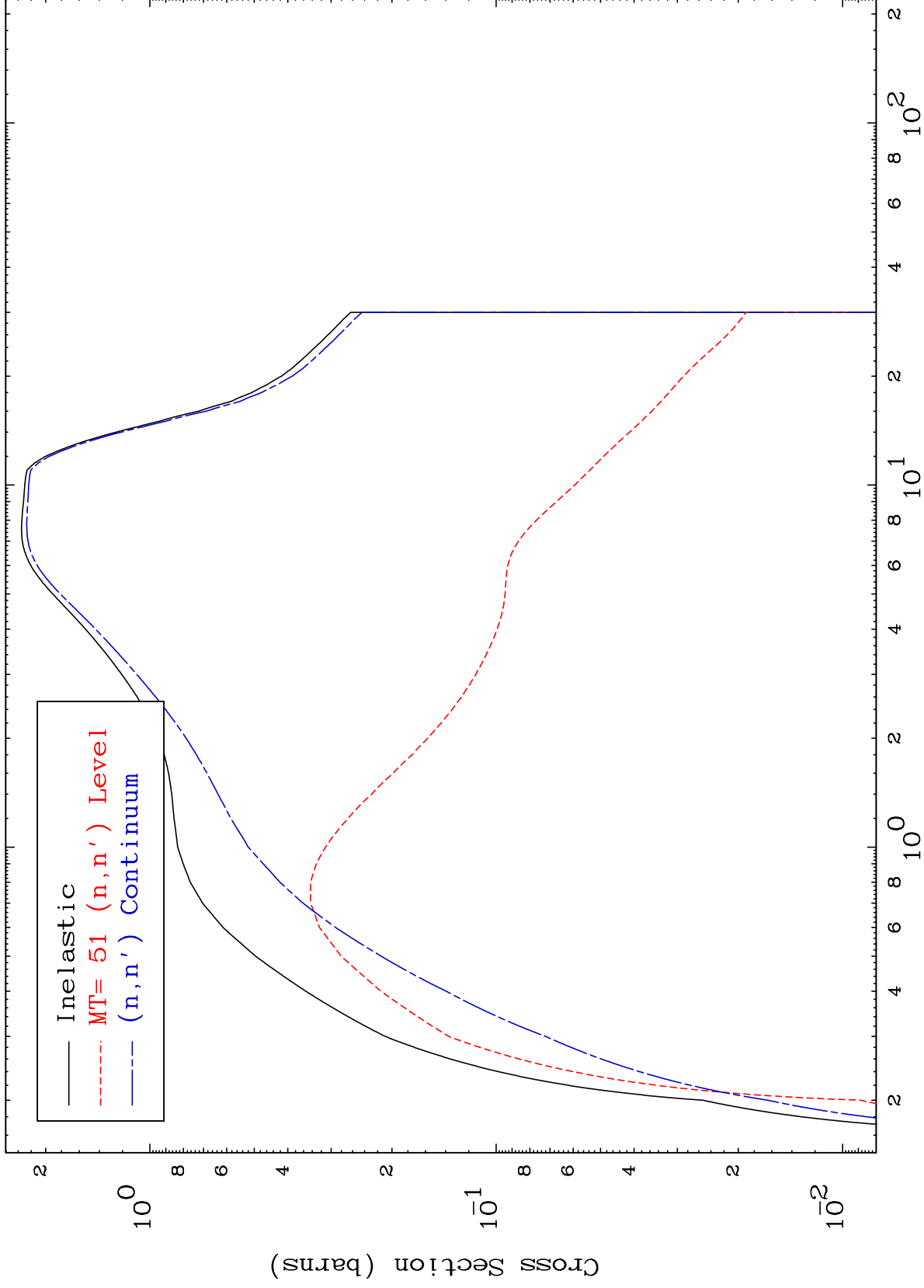
71-Lu-165



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293 Kelvin Cross Sections
(n,n') Level

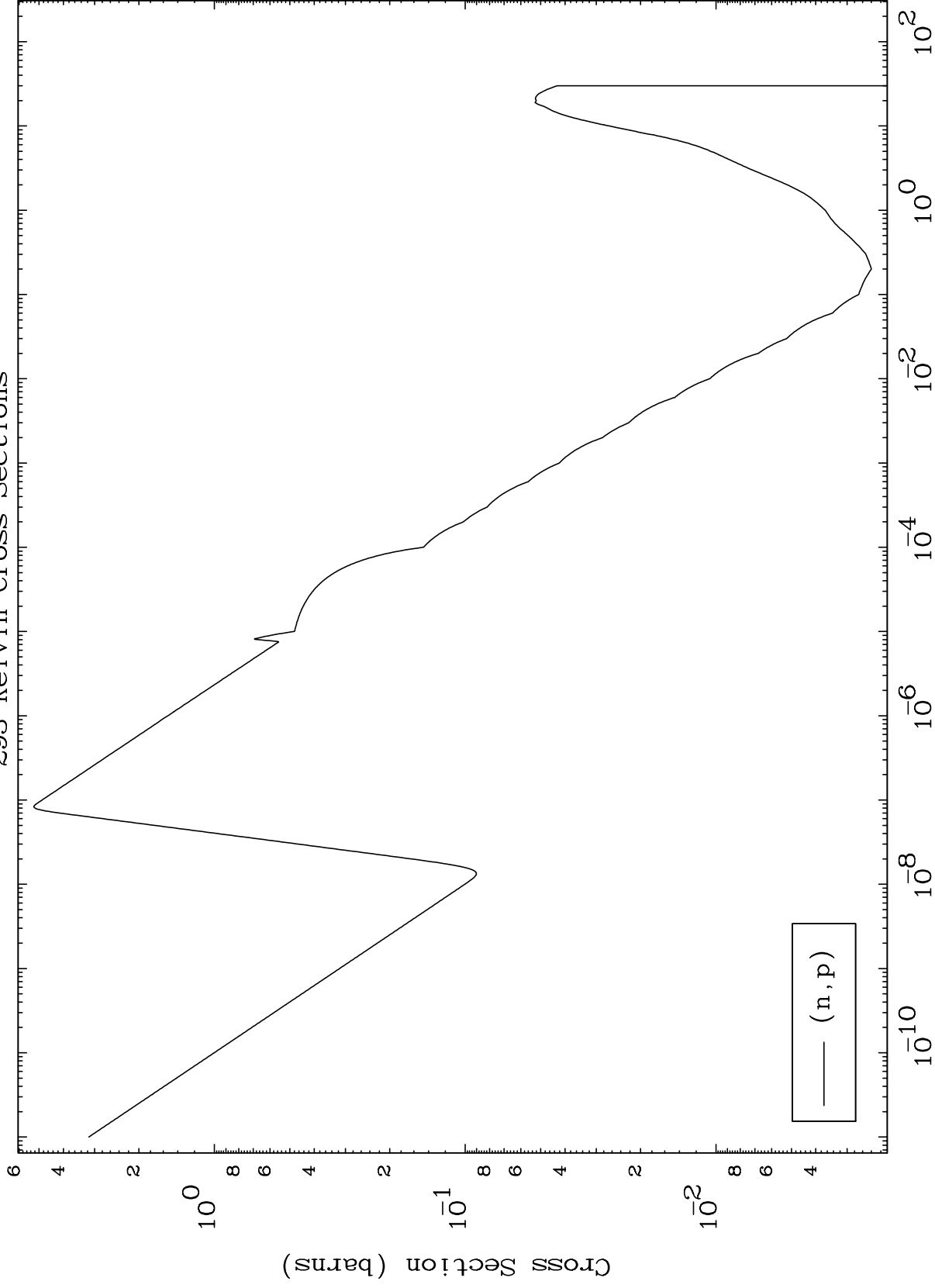
71-Lu-165



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(n,p) Levels
293 Kelvin Cross Sections

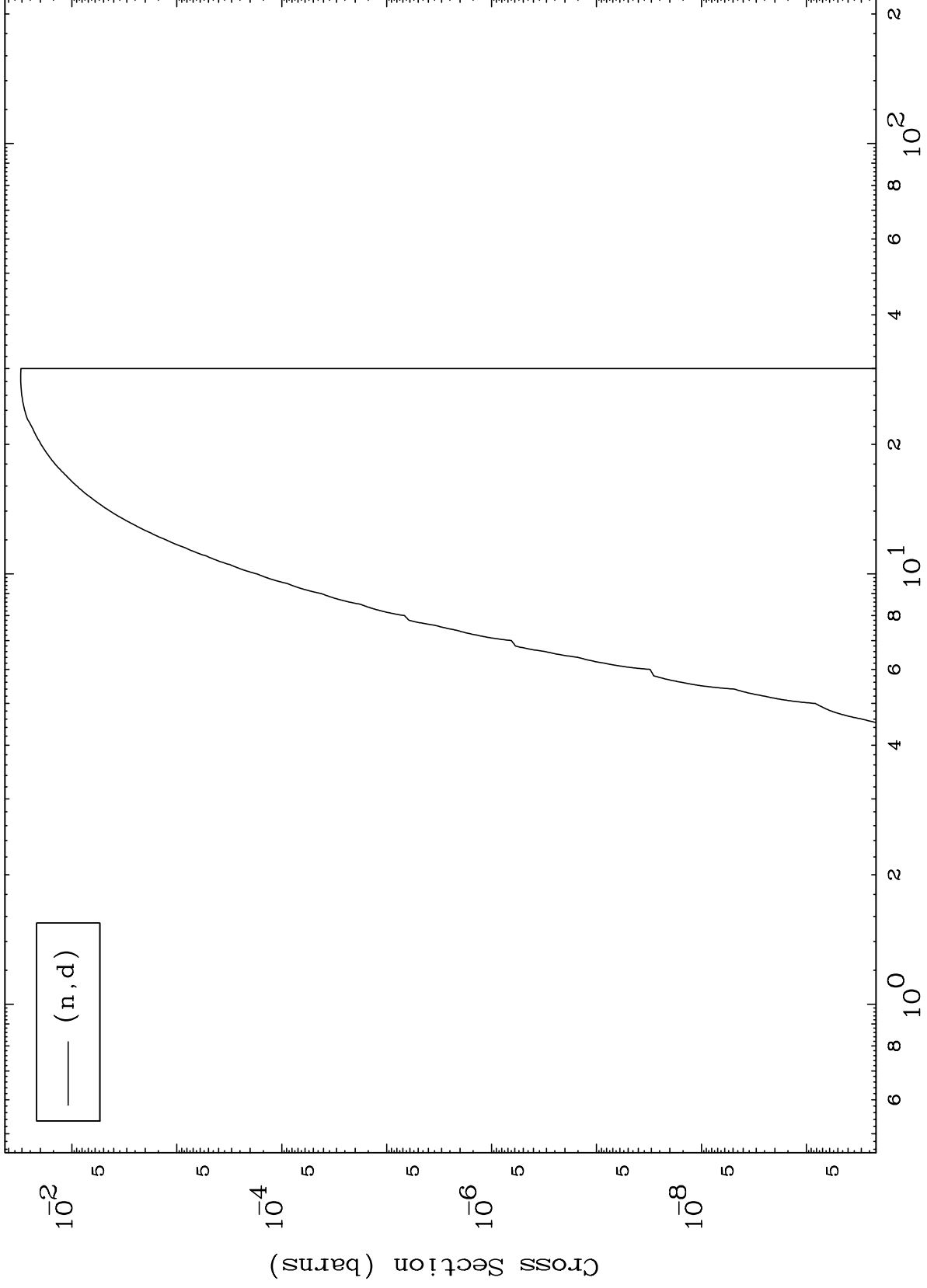
71-Lu-165



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(n,d) Levels
293 Kelvin Cross Sections

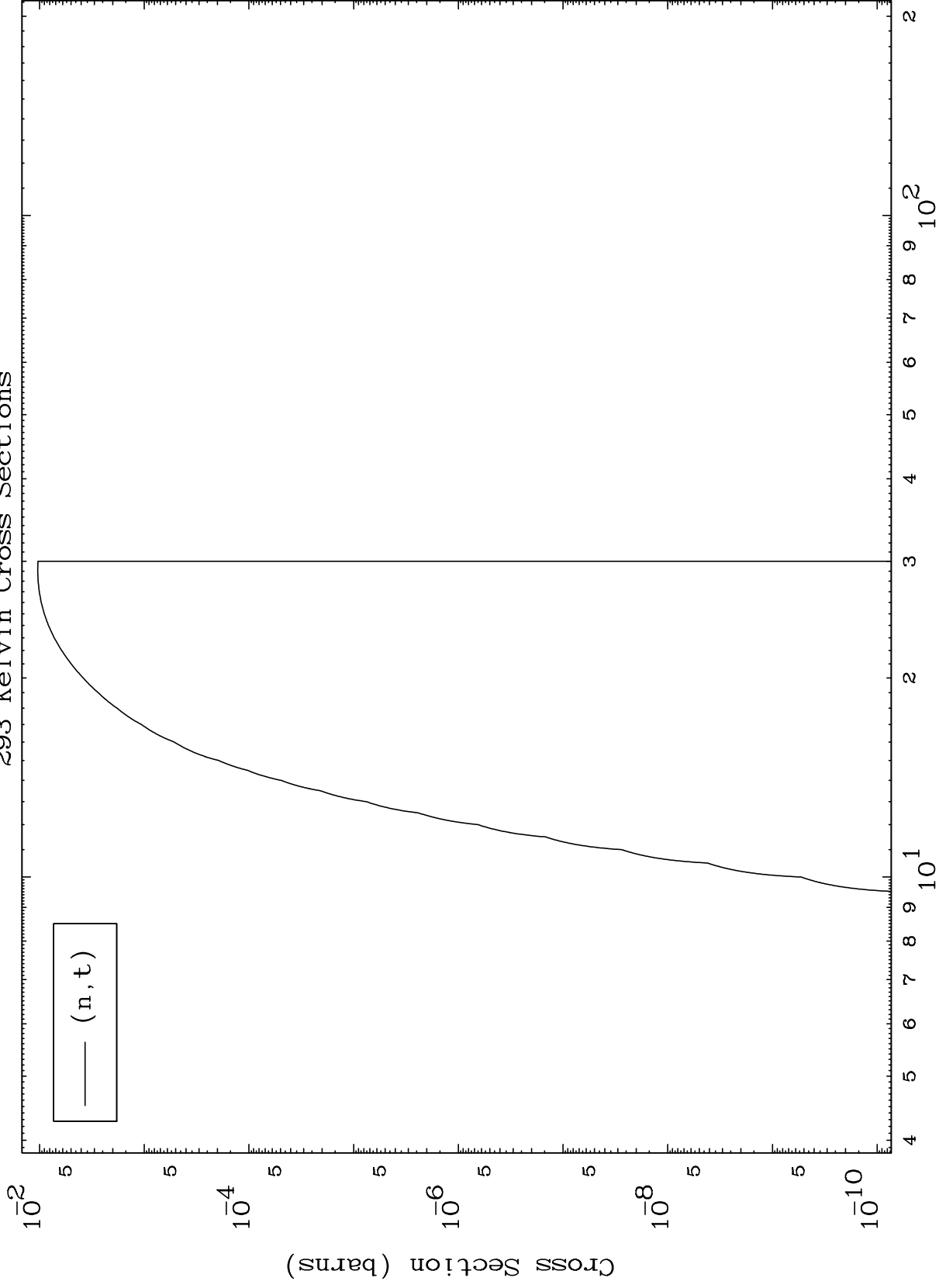
71-Lu-165



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(n,t) Levels
293 Kelvin Cross Sections

71-Lu-165



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Incident Energy (MeV)

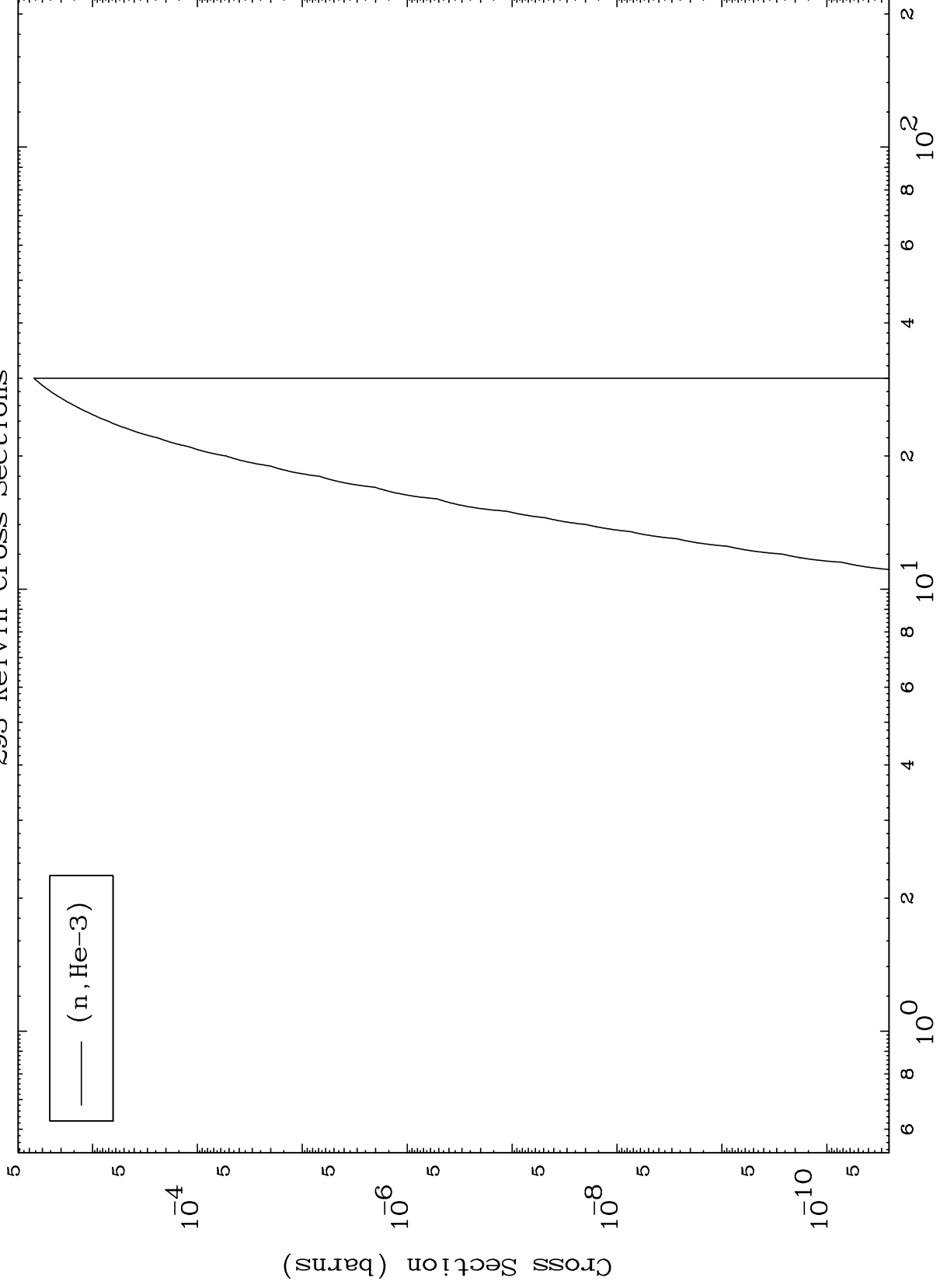
71-Lu-165

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(n,He3) Levels

71-Lu-165

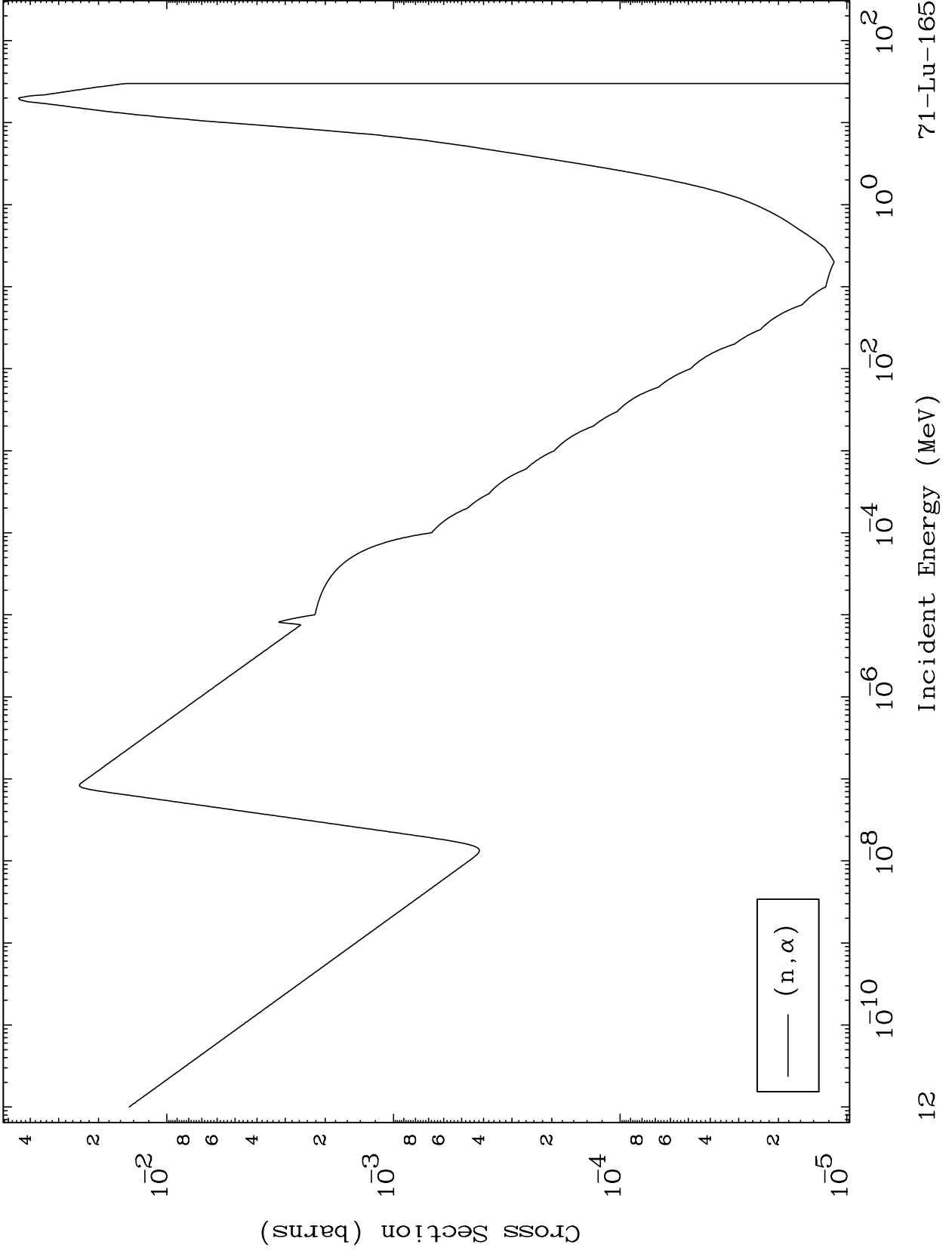
293 Kelvin Cross Sections

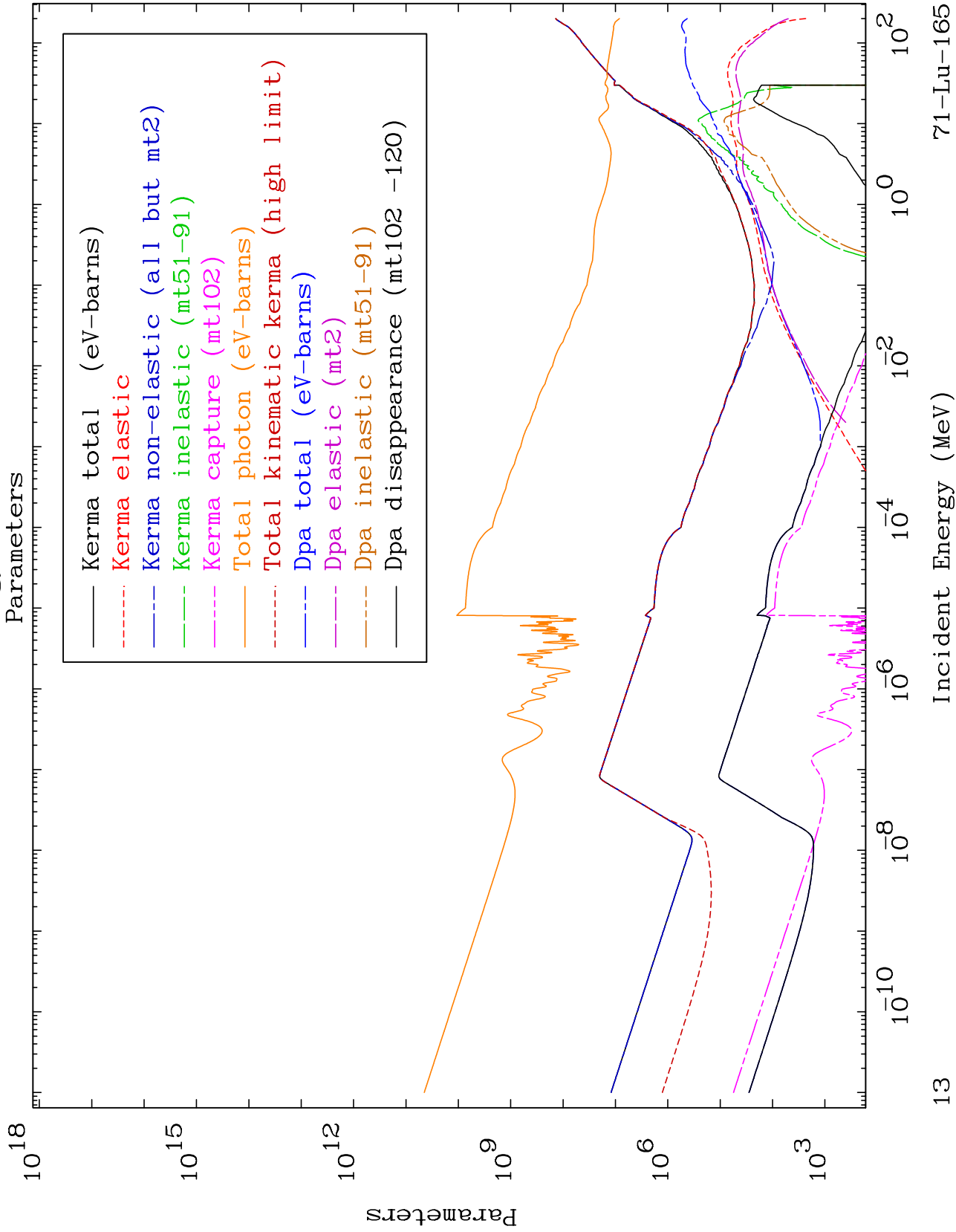


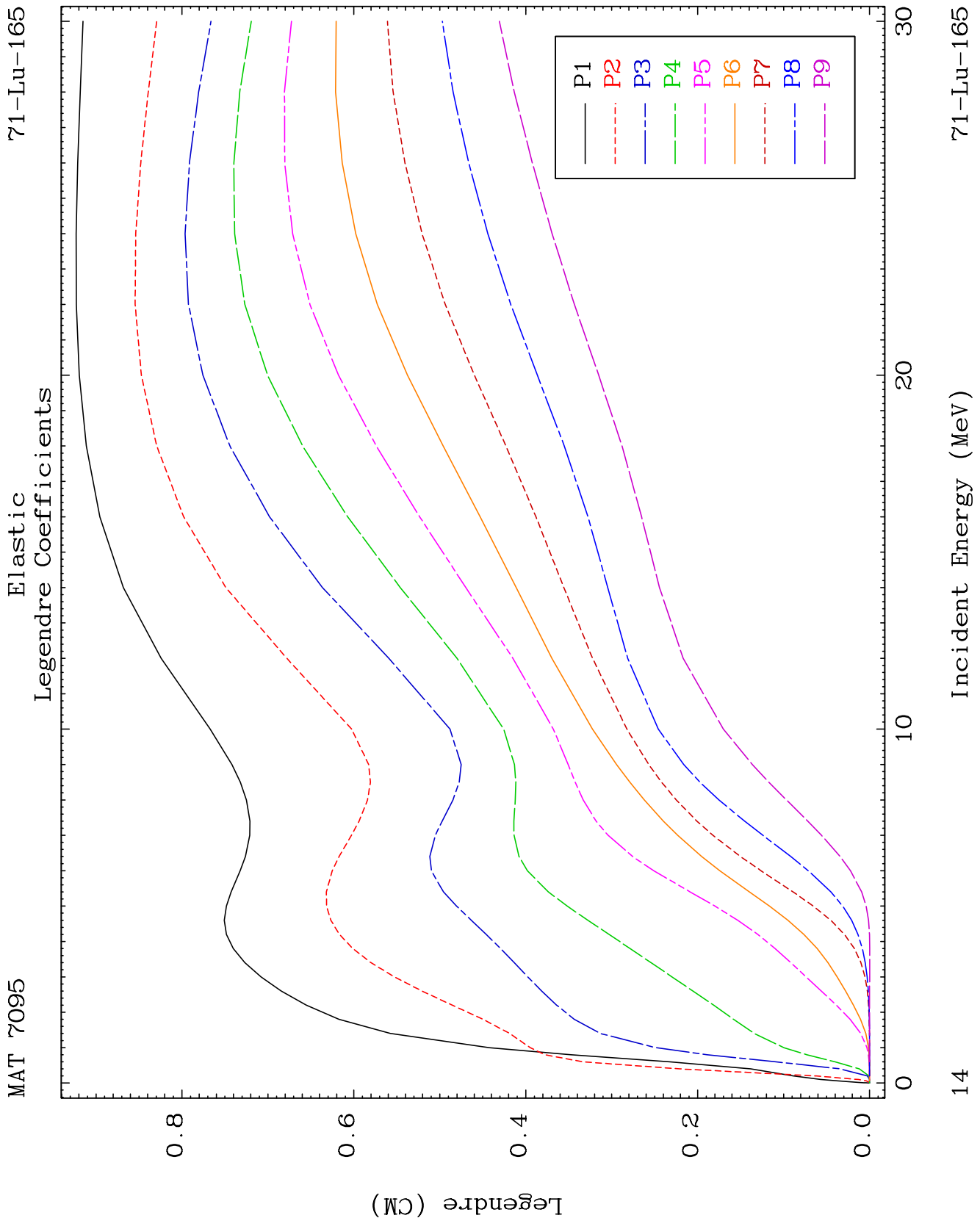
MAT 7095

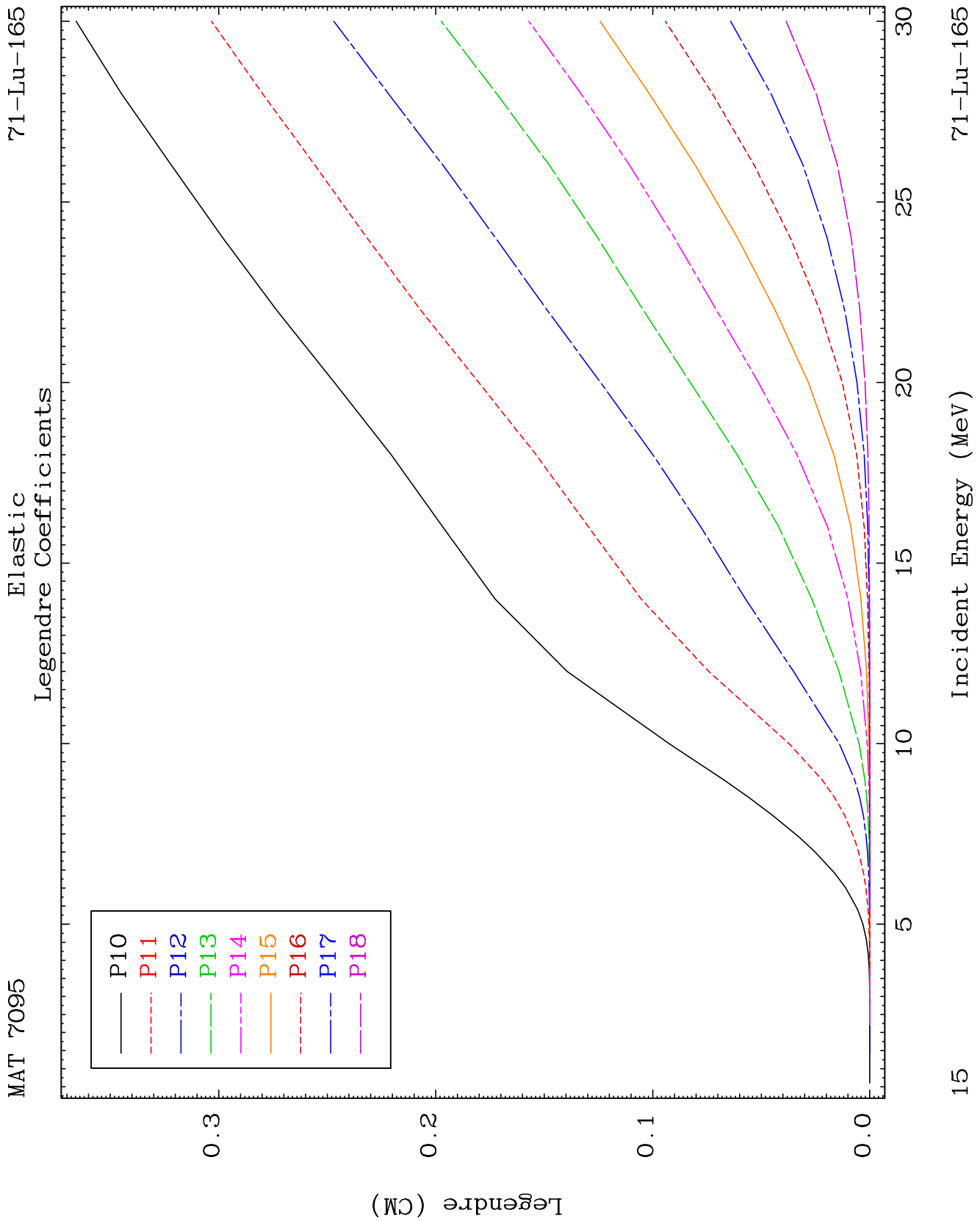
(n,α) Levels
293 Kelvin Cross Sections

71-Lu-165





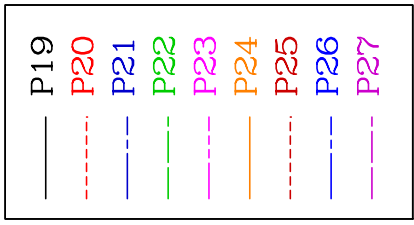
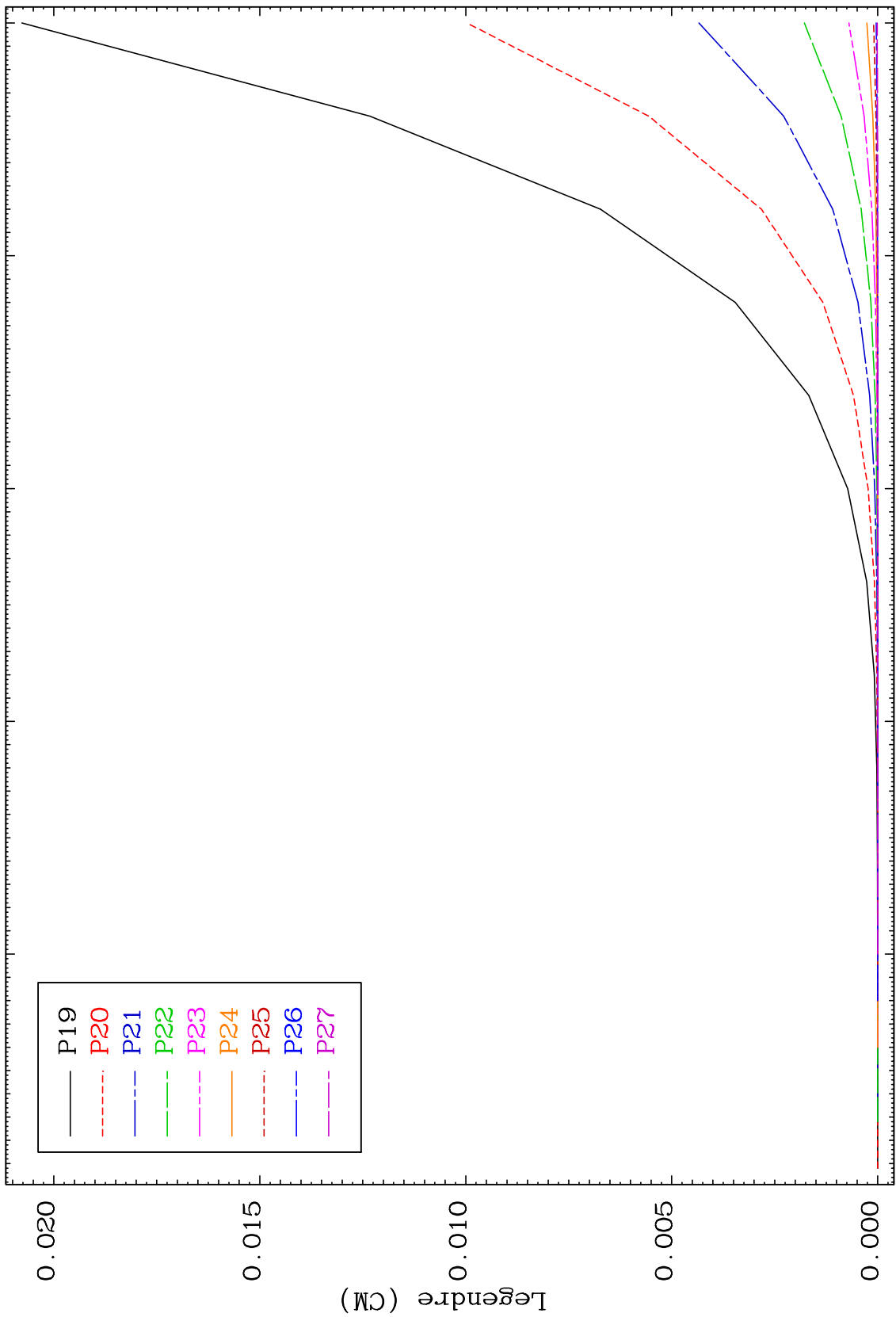




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Elastic
Legendre Coefficients

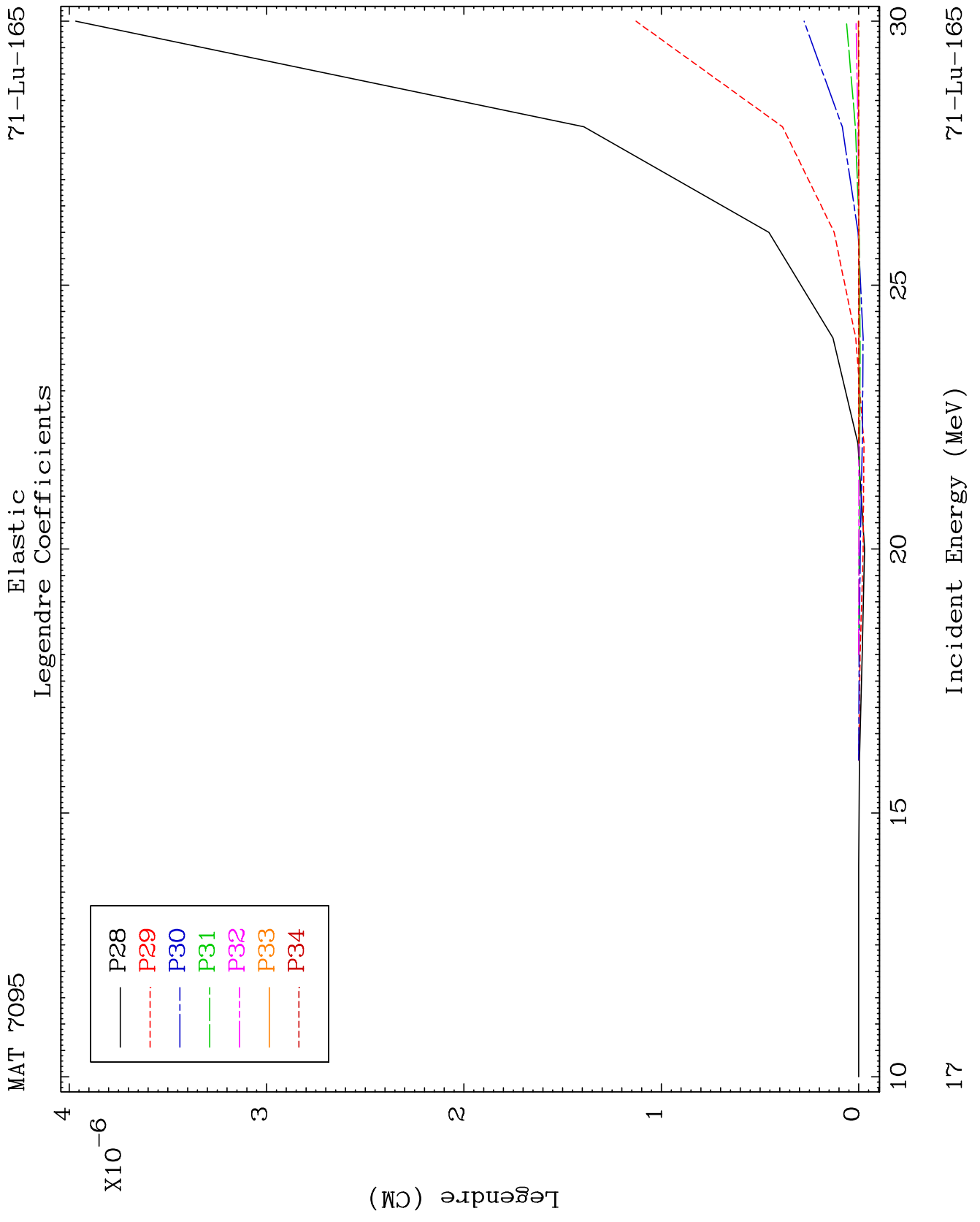
71-Lu-165

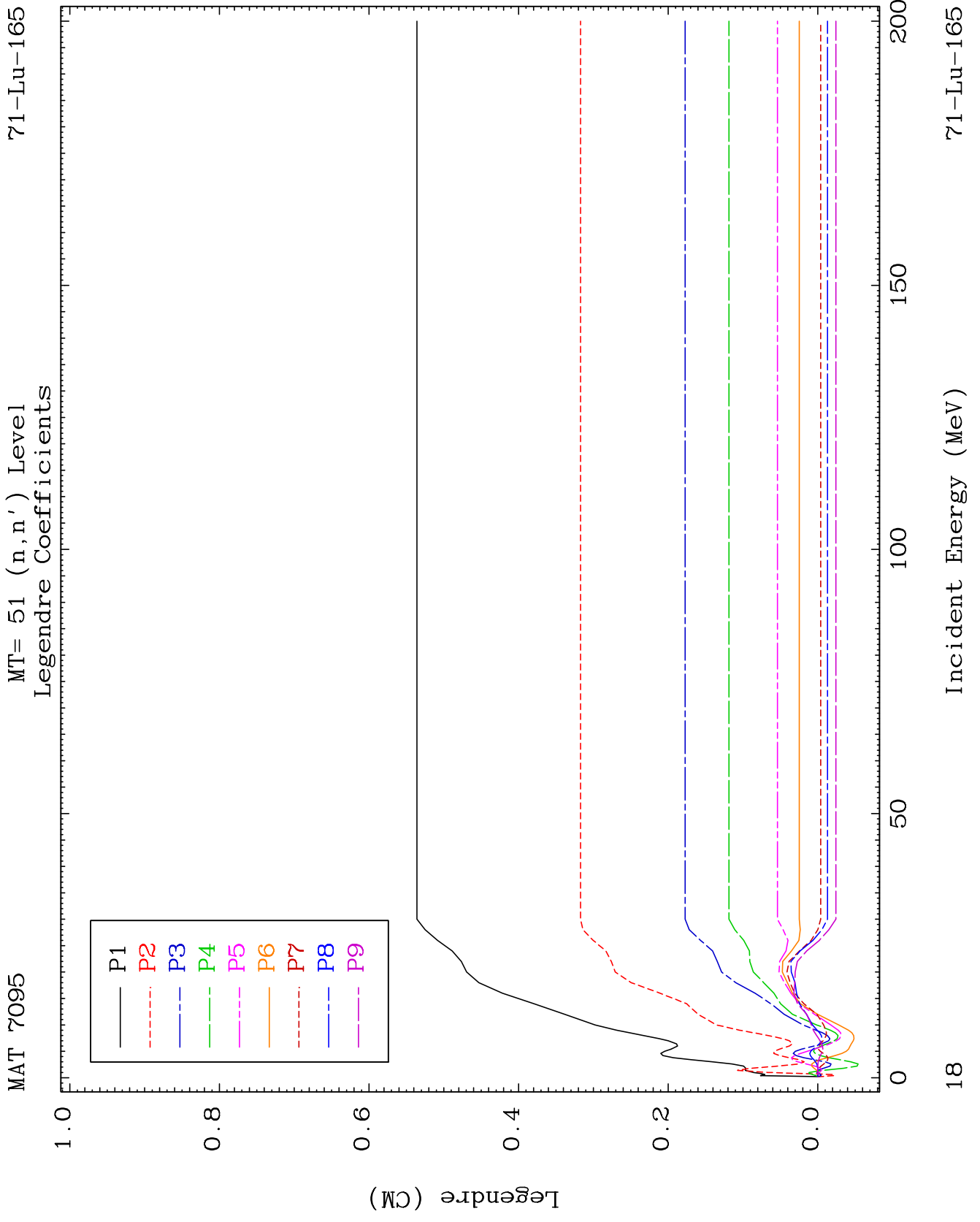


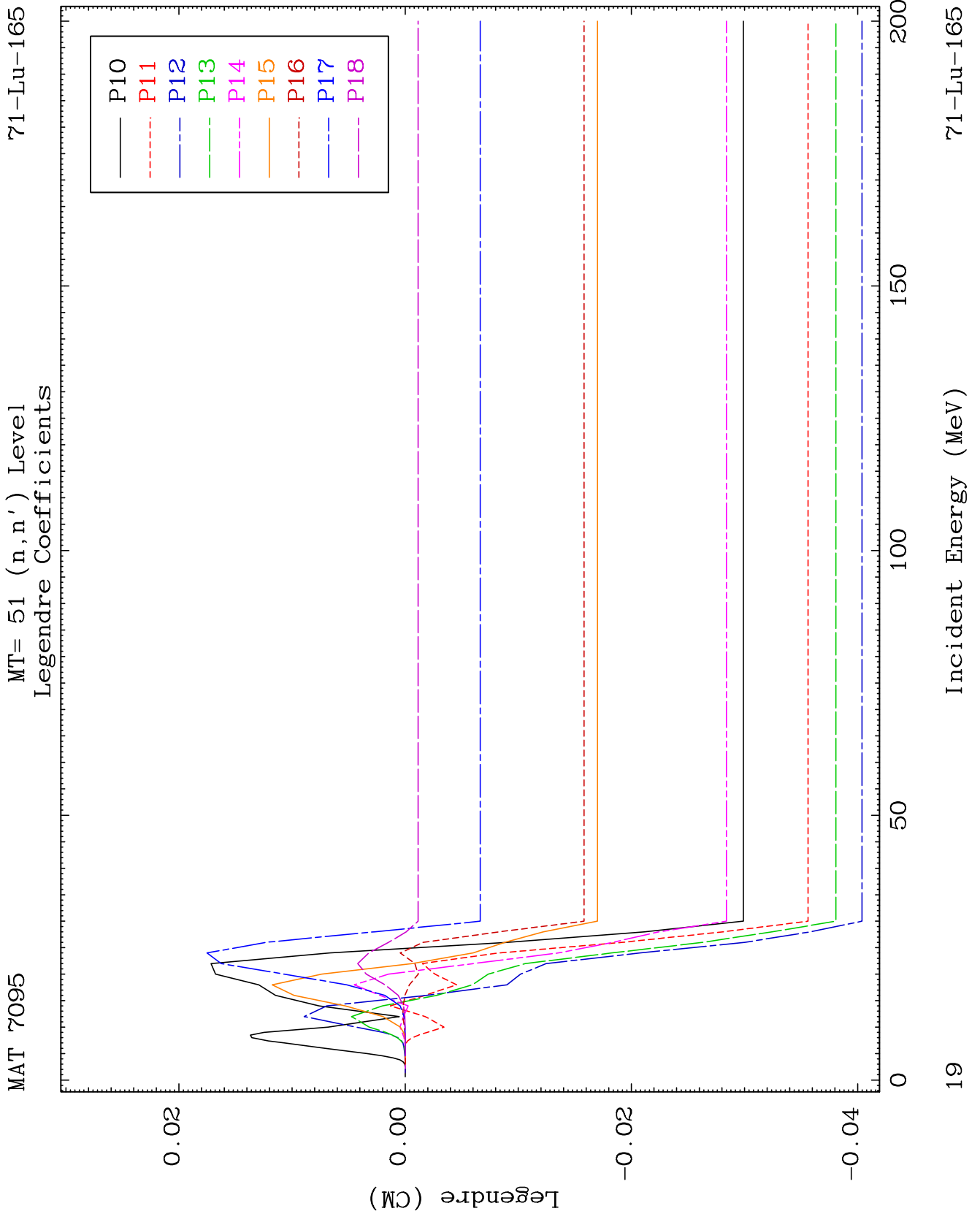
16

Incident Energy (MeV)

71-Lu-165



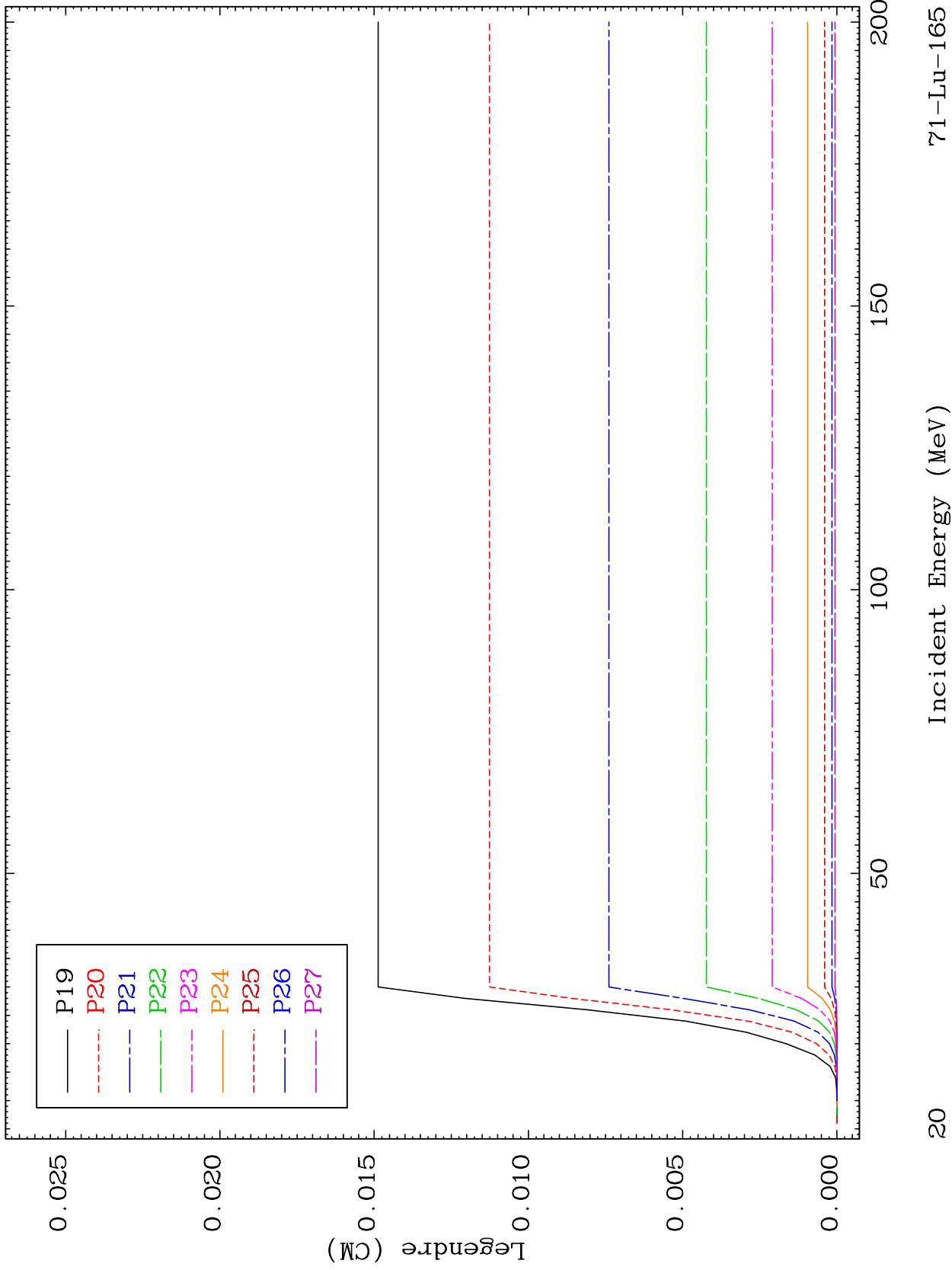




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MT= 51 (n,n') Level
Legendre Coefficients

71-Lu-165



20

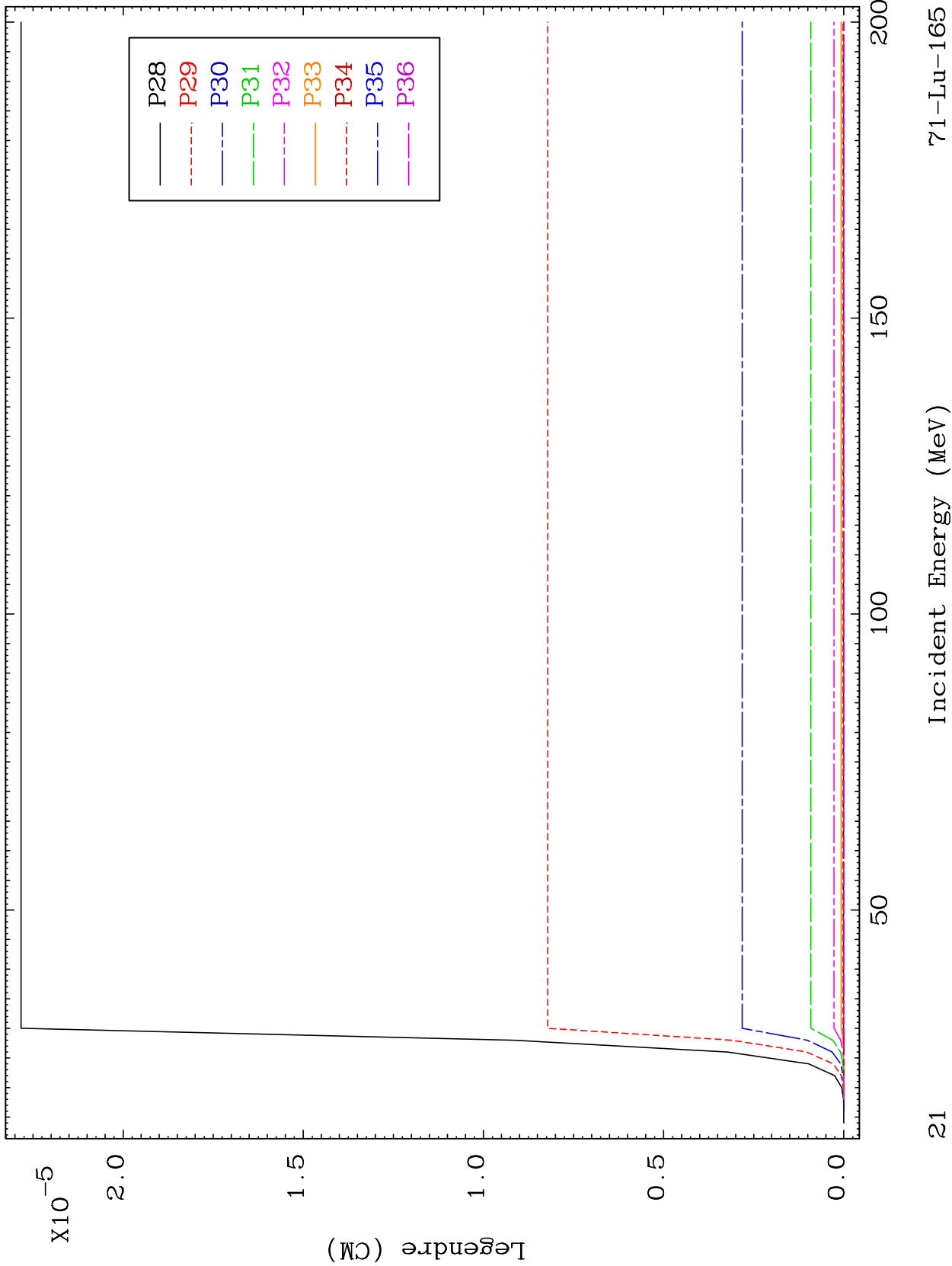
Incident Energy (MeV)

71-Lu-165

MAT 7095

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

71-Lu-165



21

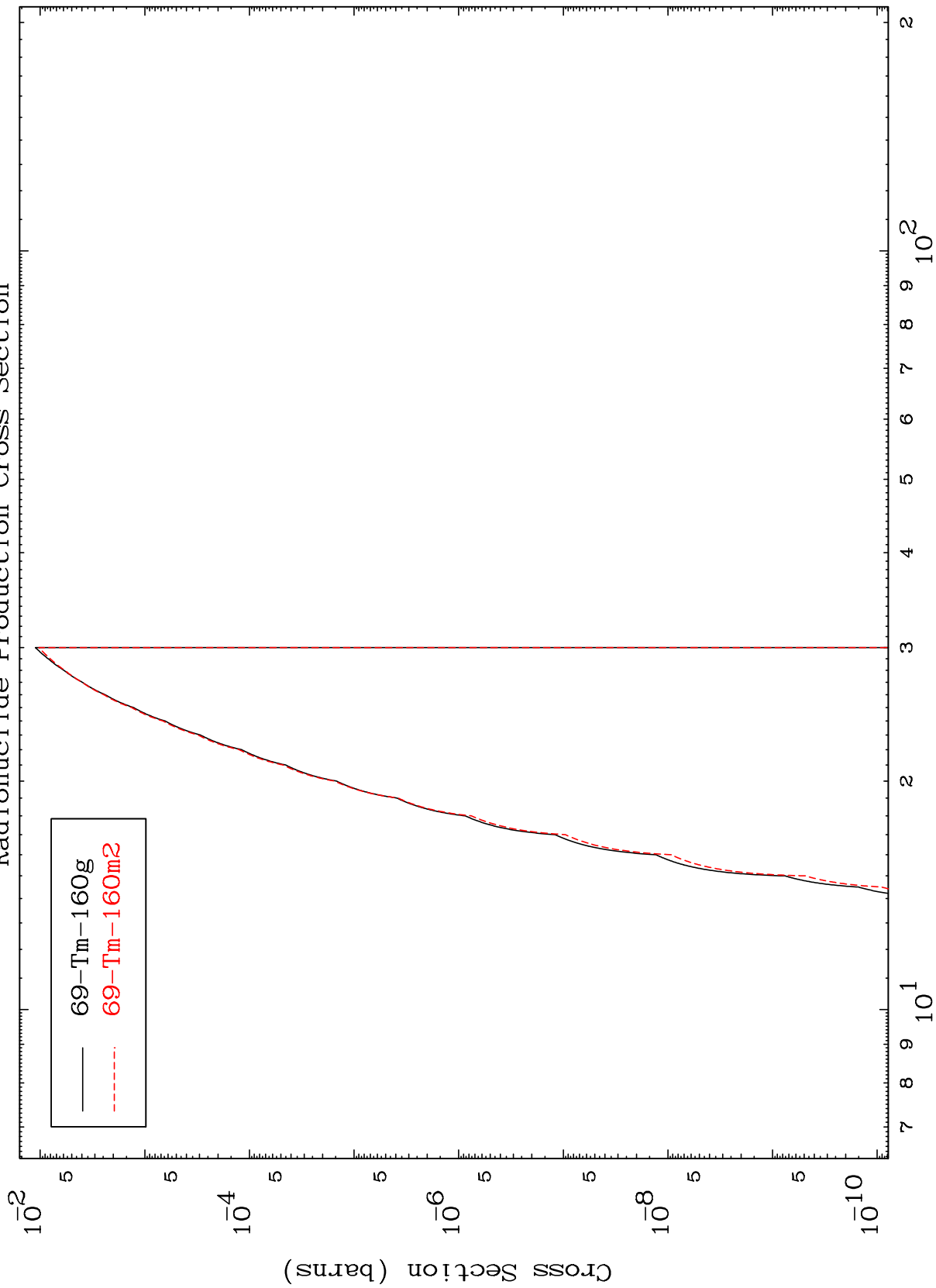
71-Lu-165

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$(n,2n) \alpha$

71-Lu-165

Radionuclide Production Cross Section



22

Incident Energy (MeV)

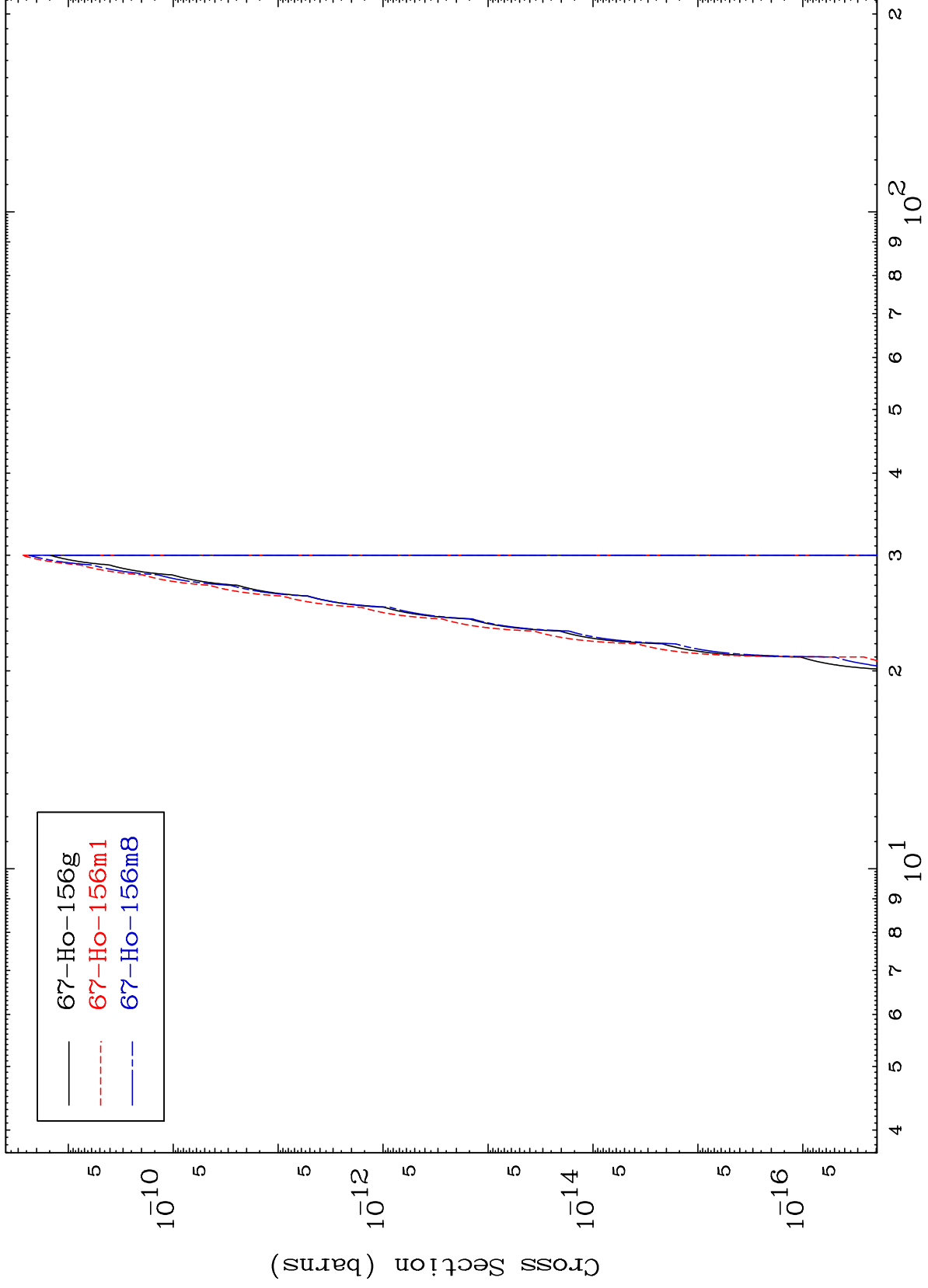
71-Lu-165

MAT 7095

$(n,2n)$ 2α

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

Radionuclide Production Cross Section



23

Incident Energy (MeV)

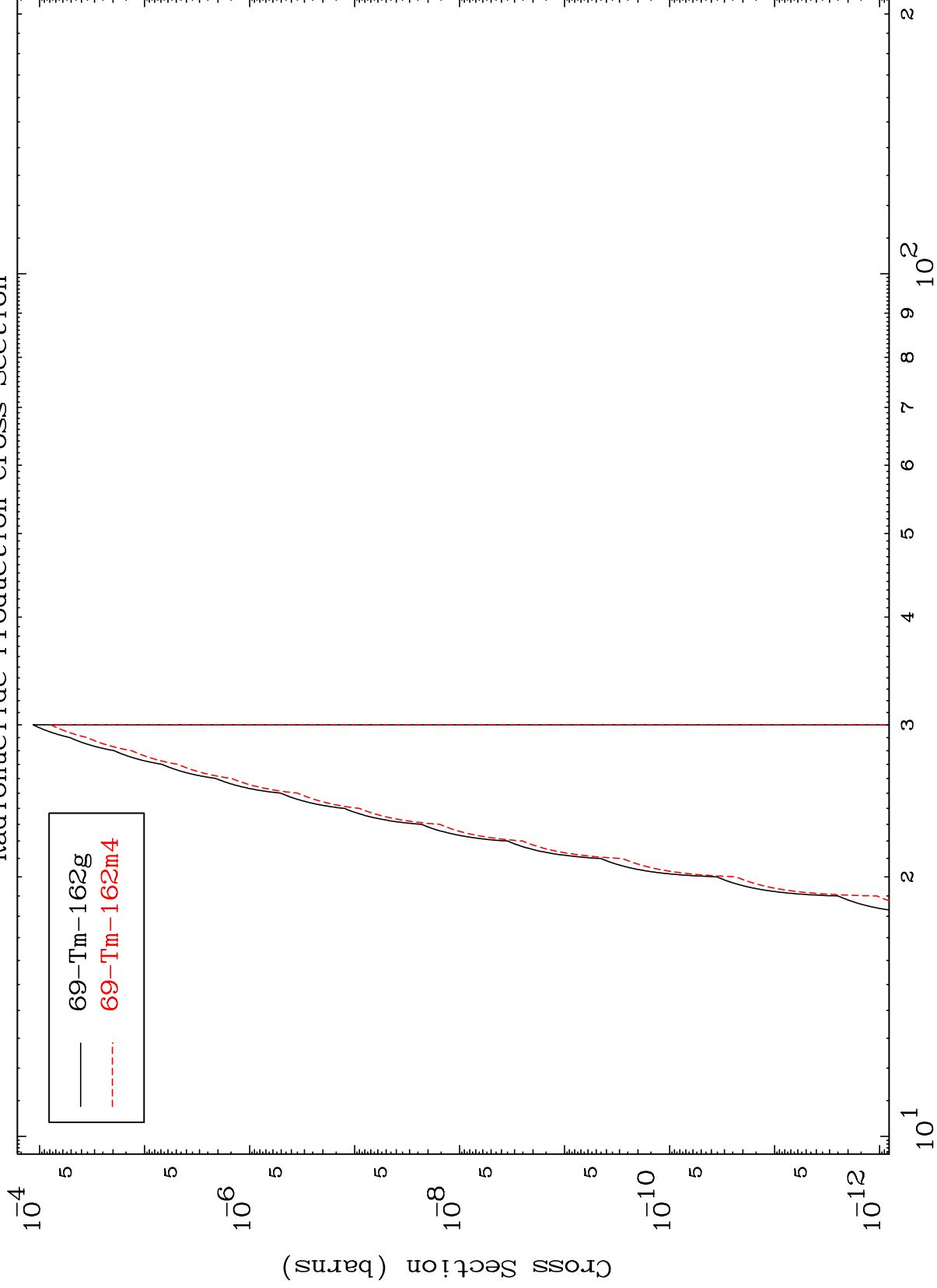
$^{71}\text{Lu-165}$

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(n,n') He-3

71-Lu-165

Radionuclide Production Cross Section

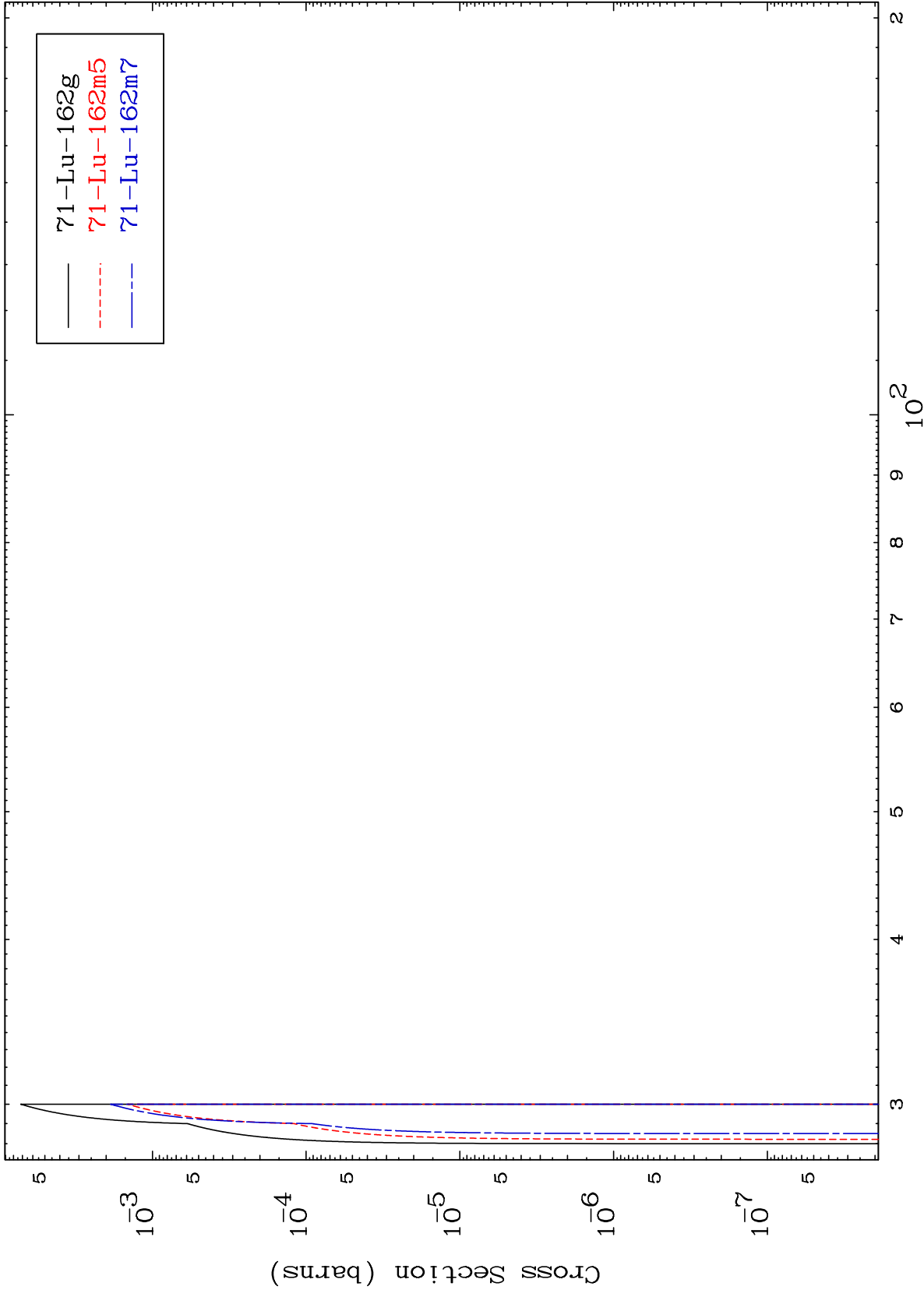


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(n,4n)

⁷¹Lu-165

Radionuclide Production Cross Section



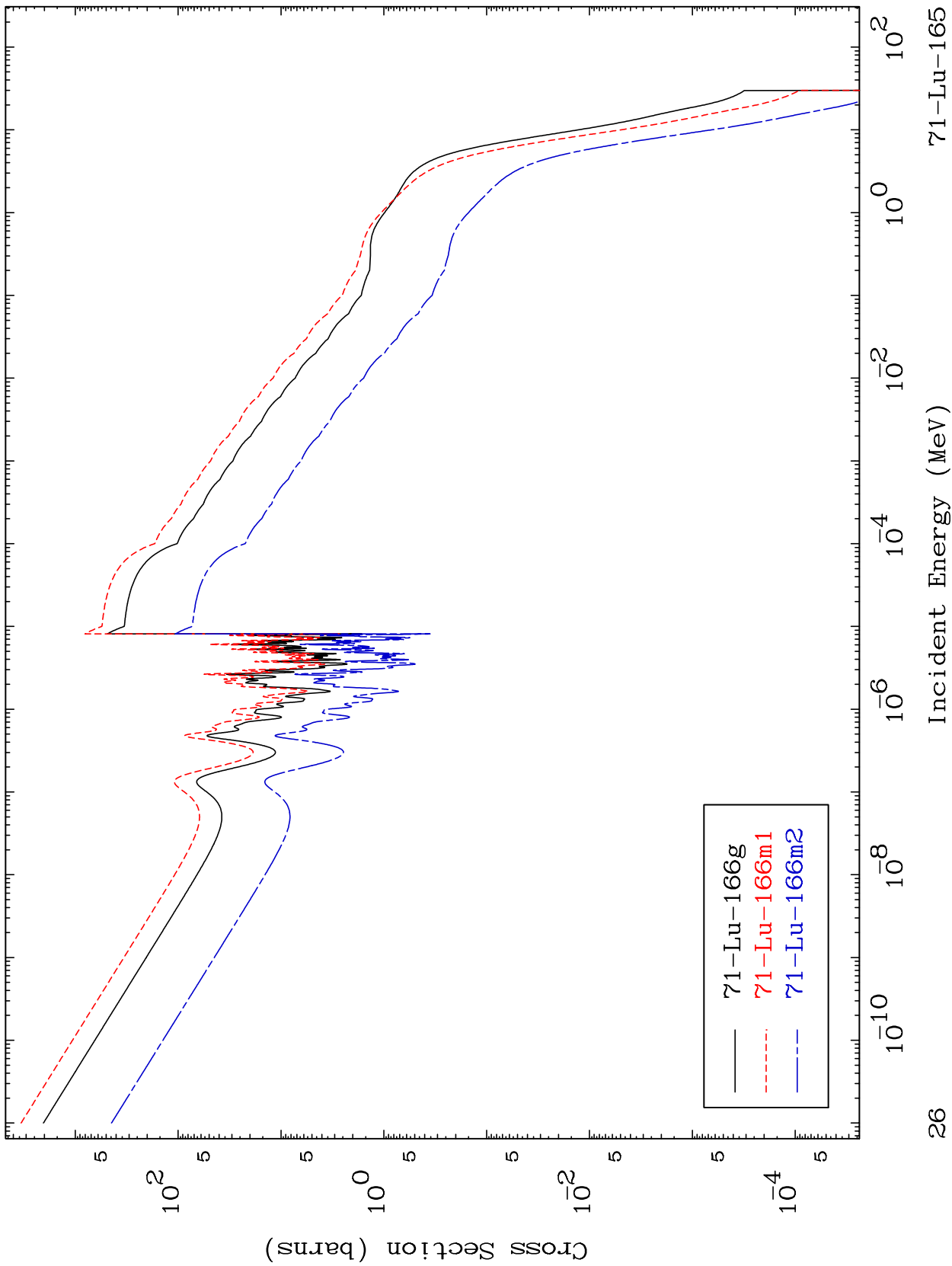
⁷¹Lu-162g
⁷¹Lu-162m5
⁷¹Lu-162m7

25

Incident Energy (MeV)

⁷¹Lu-165

Radionuclide Production Cross Section (n, γ)

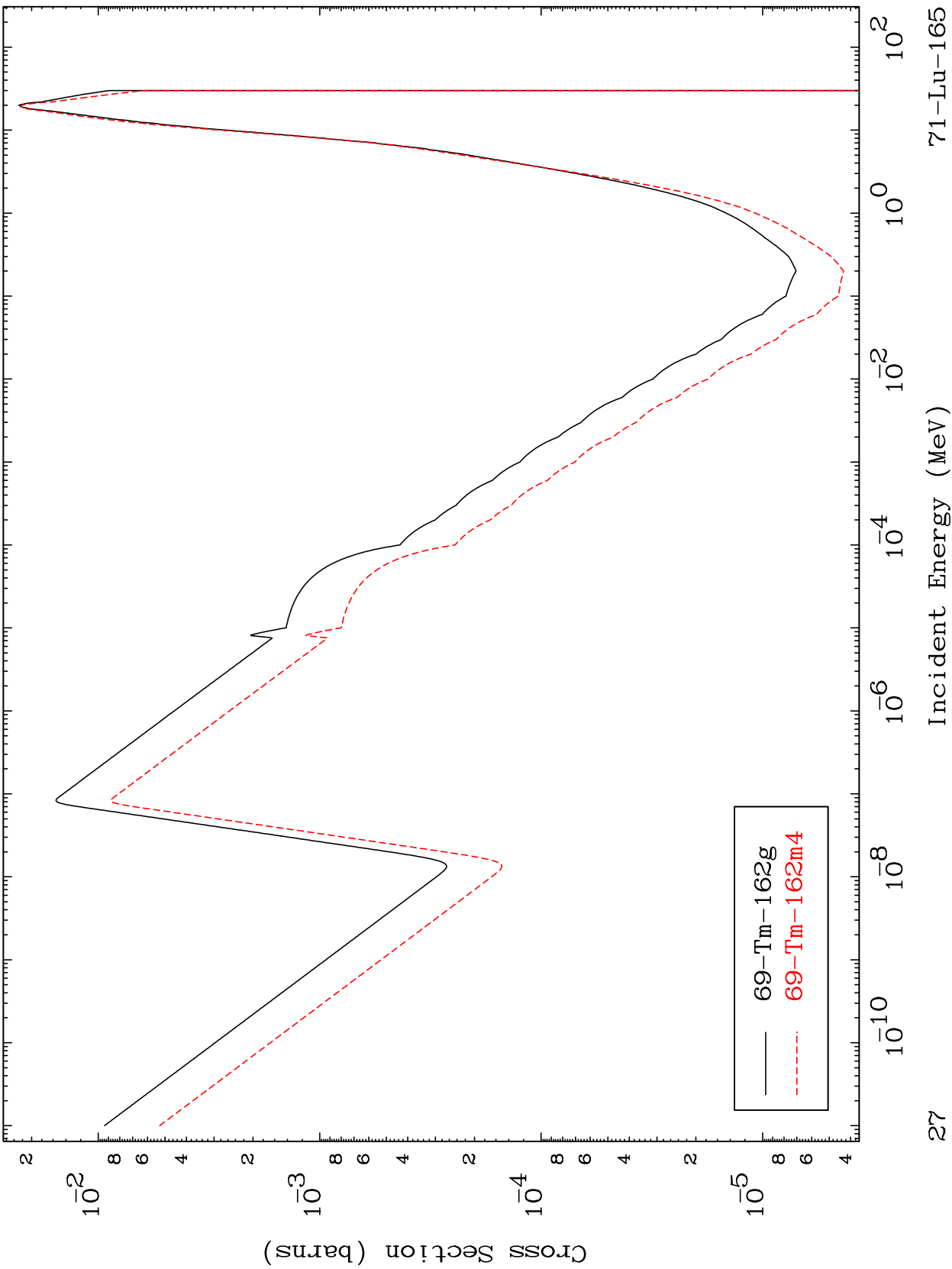


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71-Lu-165

Radionuclide Production Cross Section

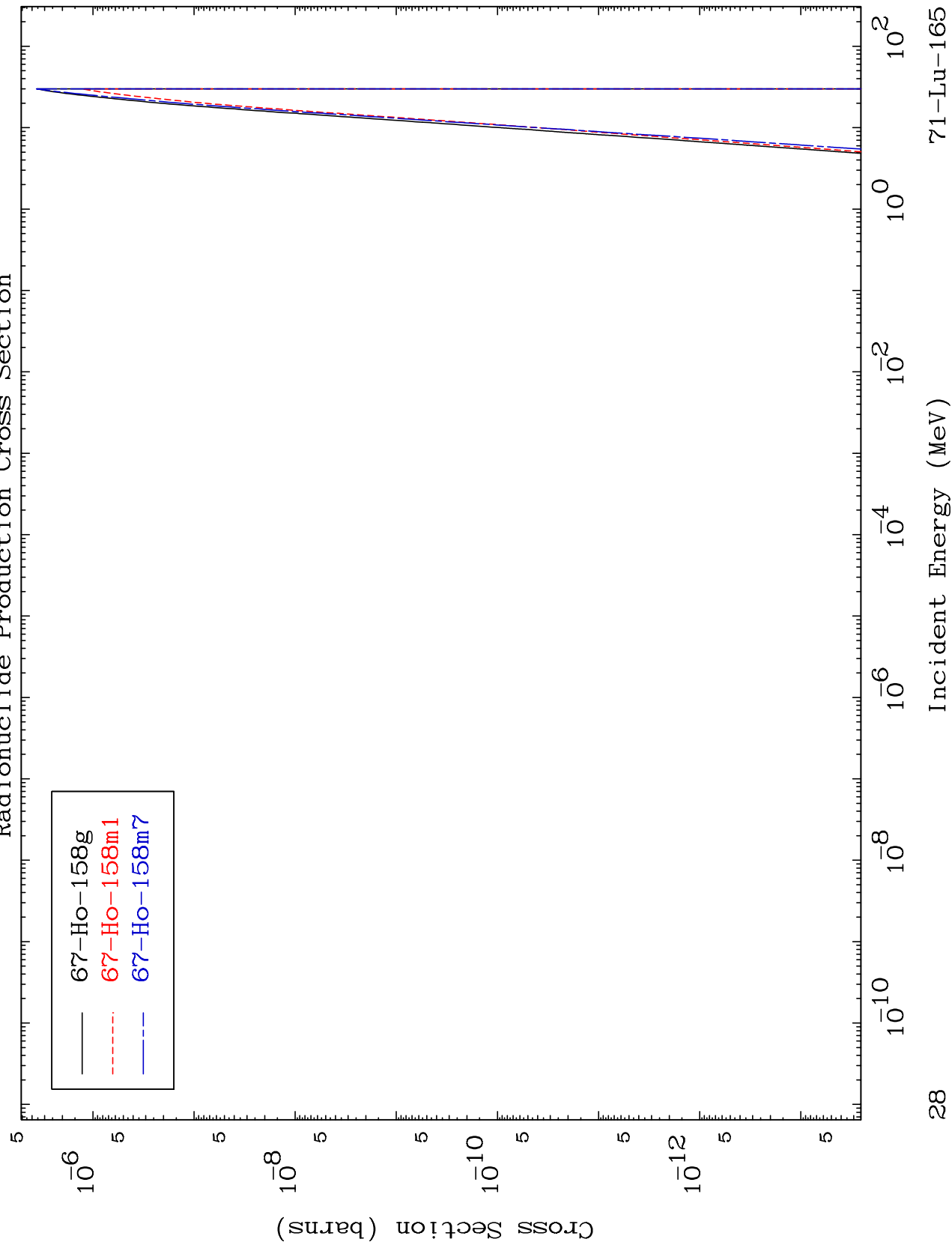
(n, α)



MAT 7095

⁷¹Lu-165

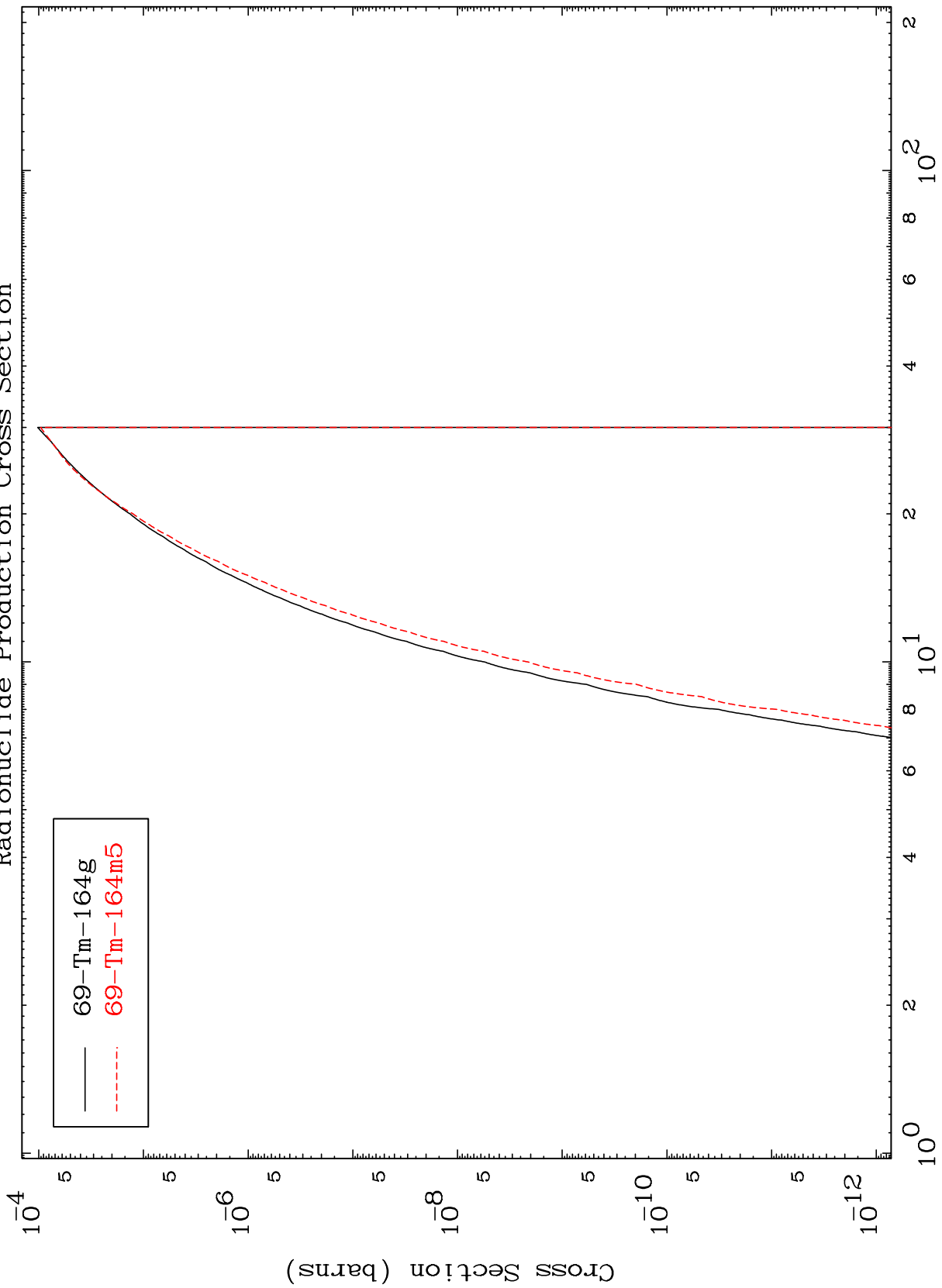
(n,2α)
Radionuclide Production Cross Section



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71-Lu-165

Radionuclide Production Cross Section
(n,2p)



Incident Energy (MeV)

71-Lu-165

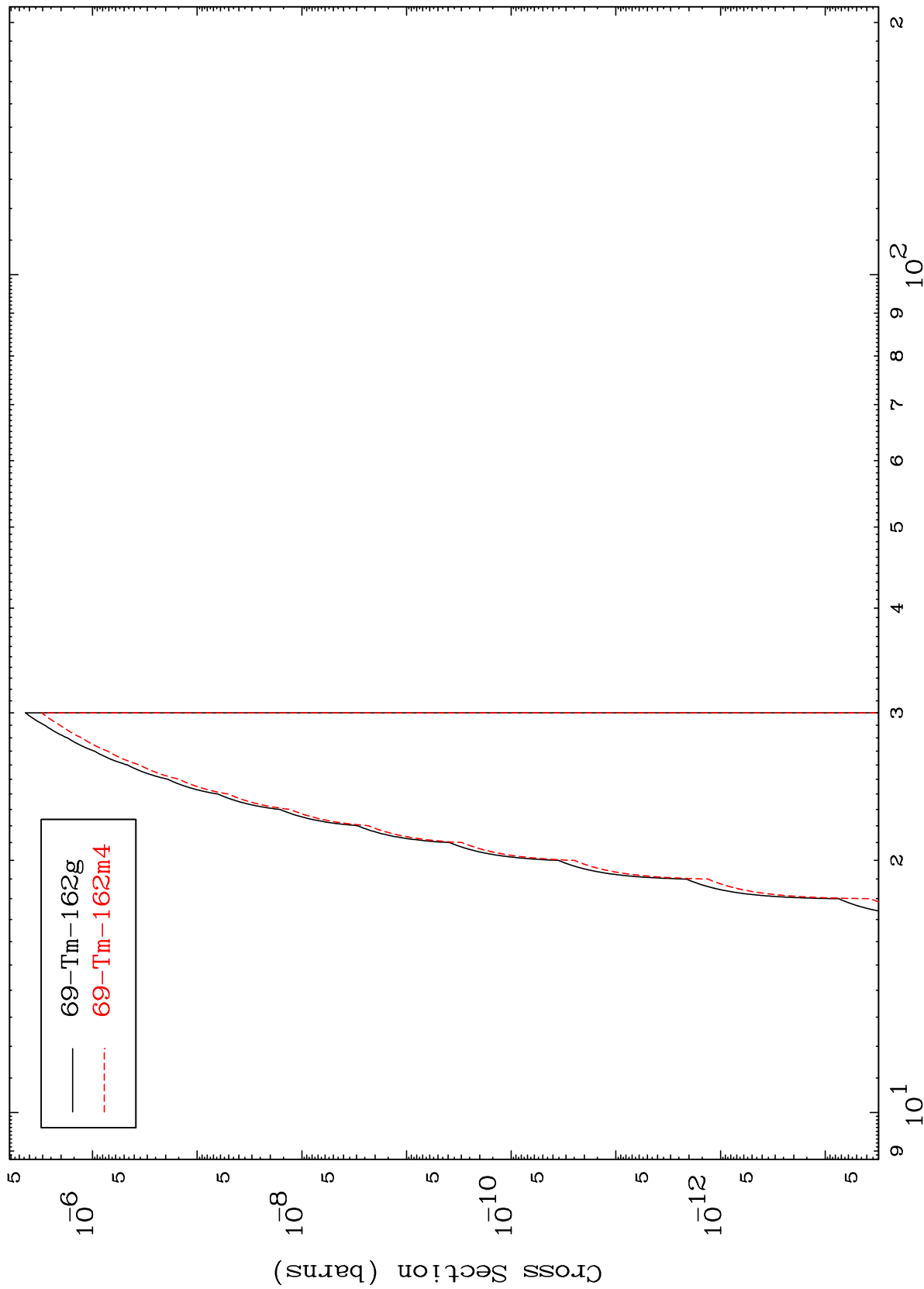
29

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(n,p) t

71-Lu-165

Radionuclide Production Cross Section



Incident Energy (MeV)

71-Lu-165

30