

Program EVALPLOT
(Version 2018-1)

by

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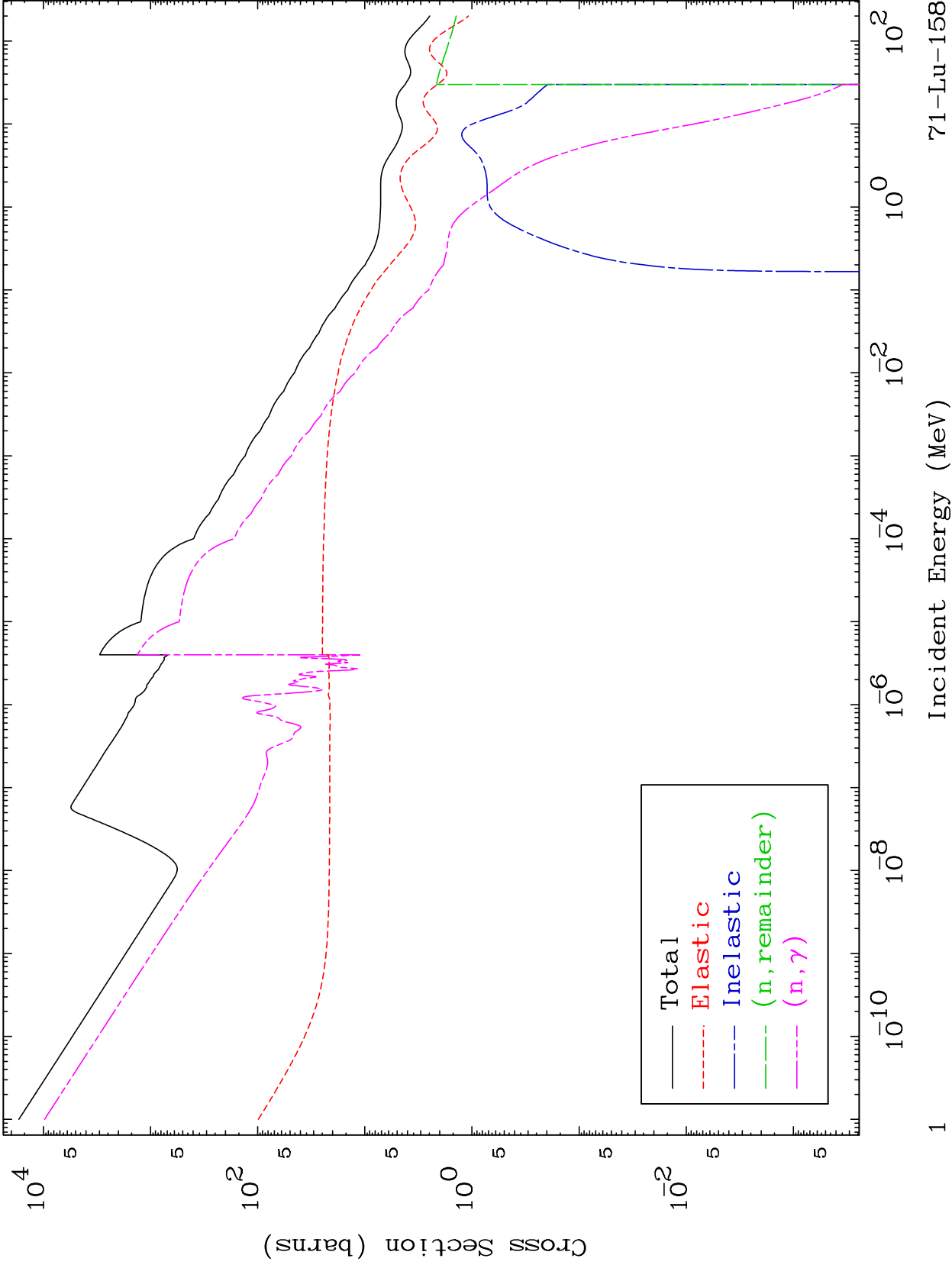
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7074

Major
293 Kelvin Cross Sections

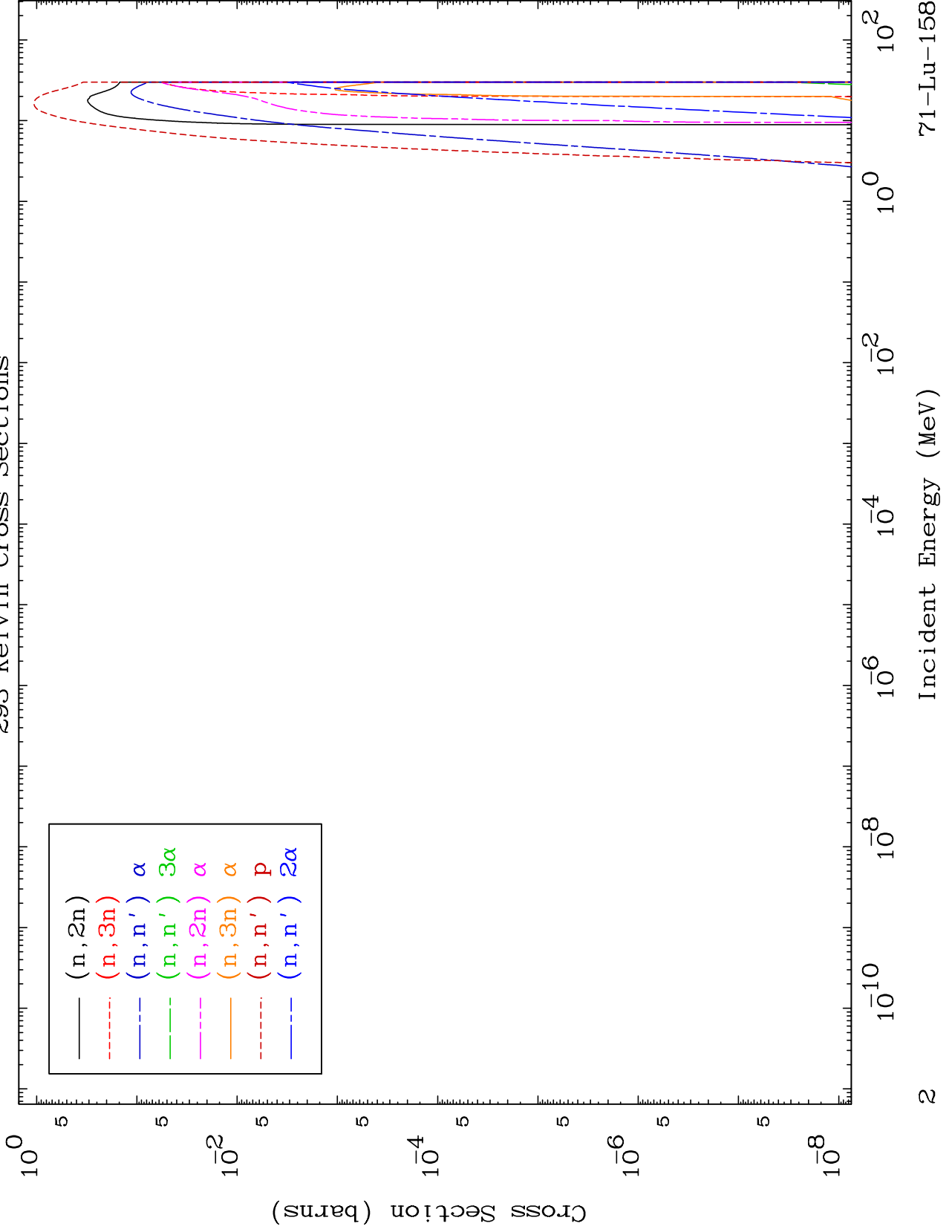
71-Lu-158



MAT 7074

Neutron Production
293 Kelvin Cross Sections

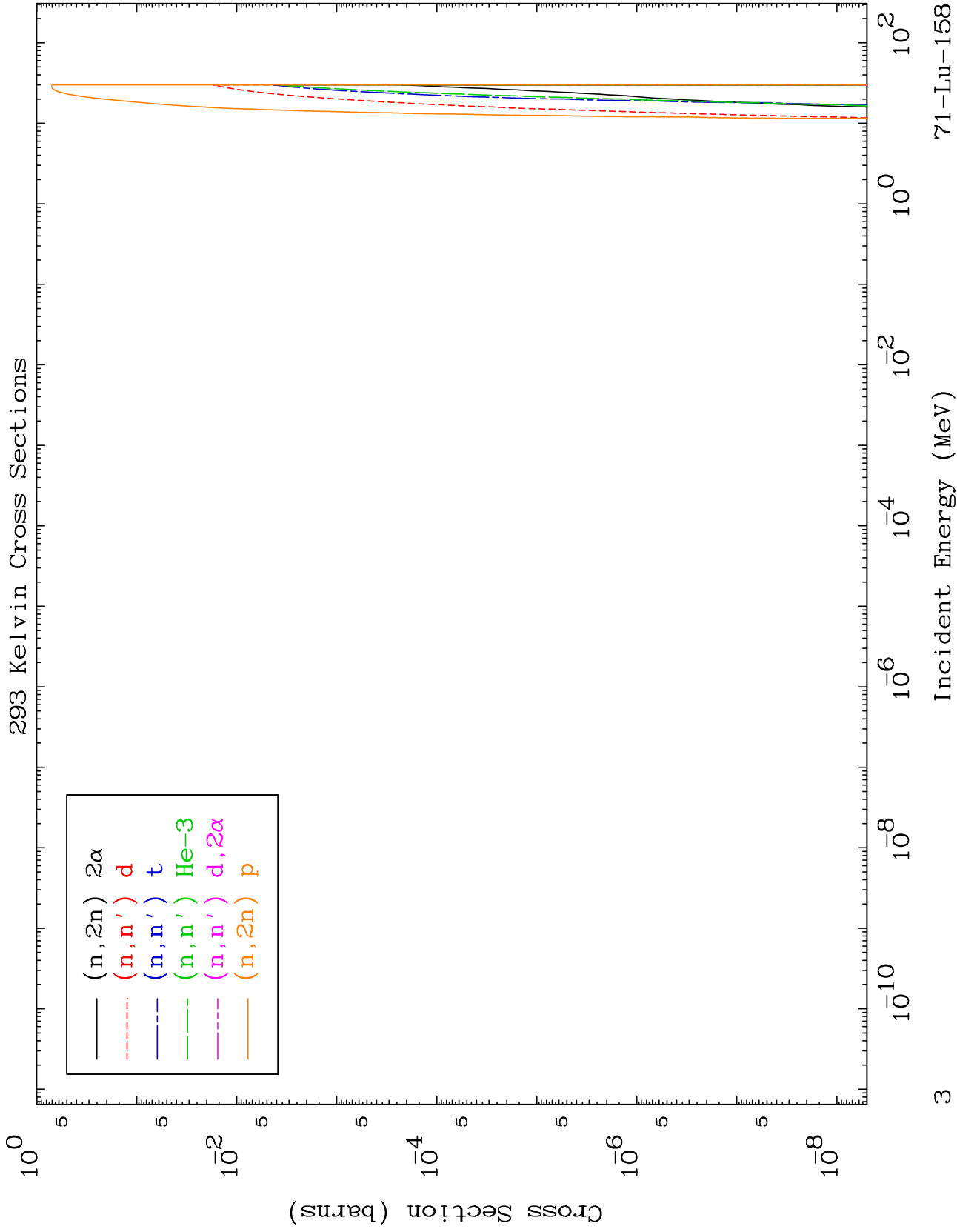
71-Lu-158



MAT 7074

Neutron Production
293 Kelvin Cross Sections

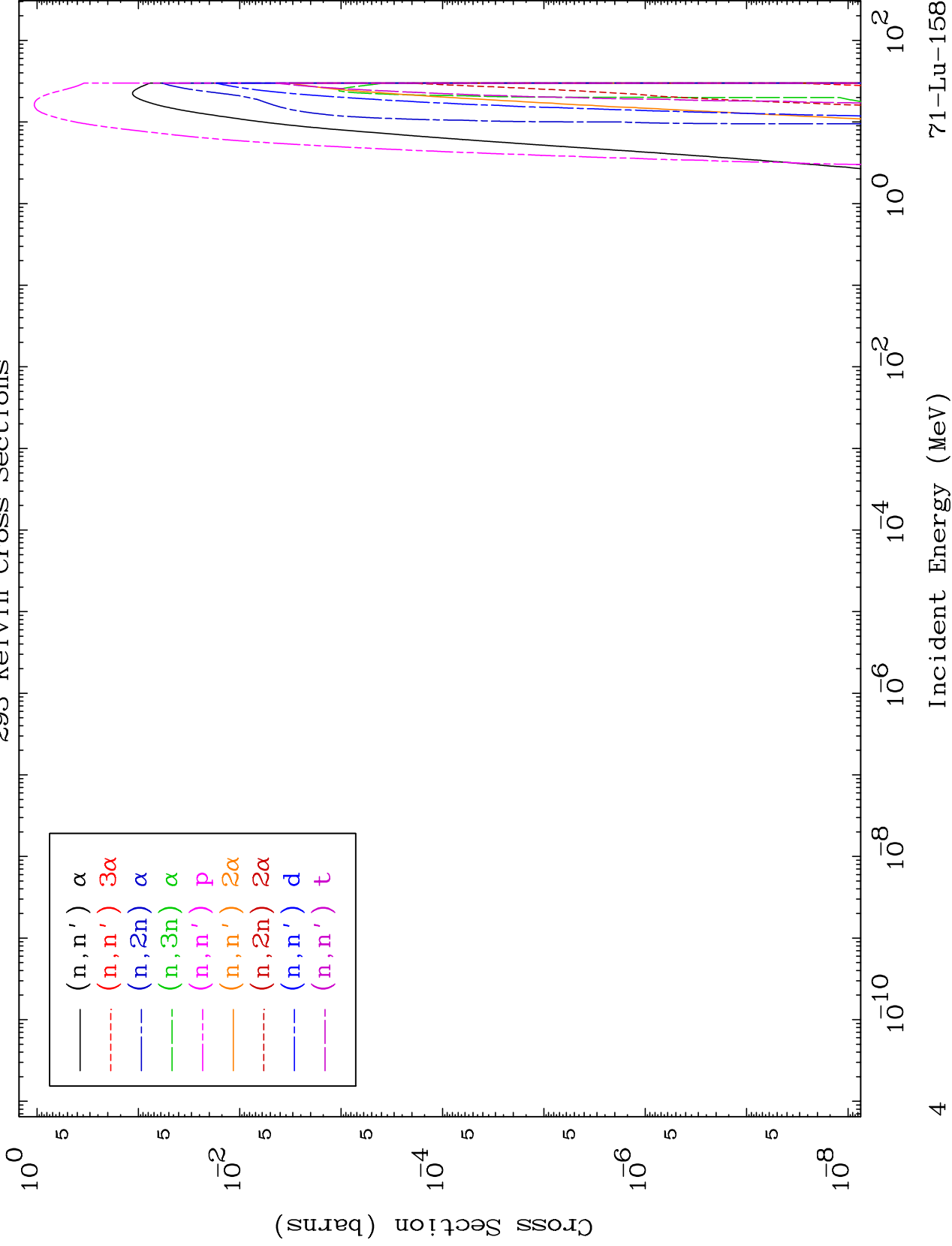
71-Lu-158



MAT 7074

Charged Particle
293 Kelvin Cross Sections

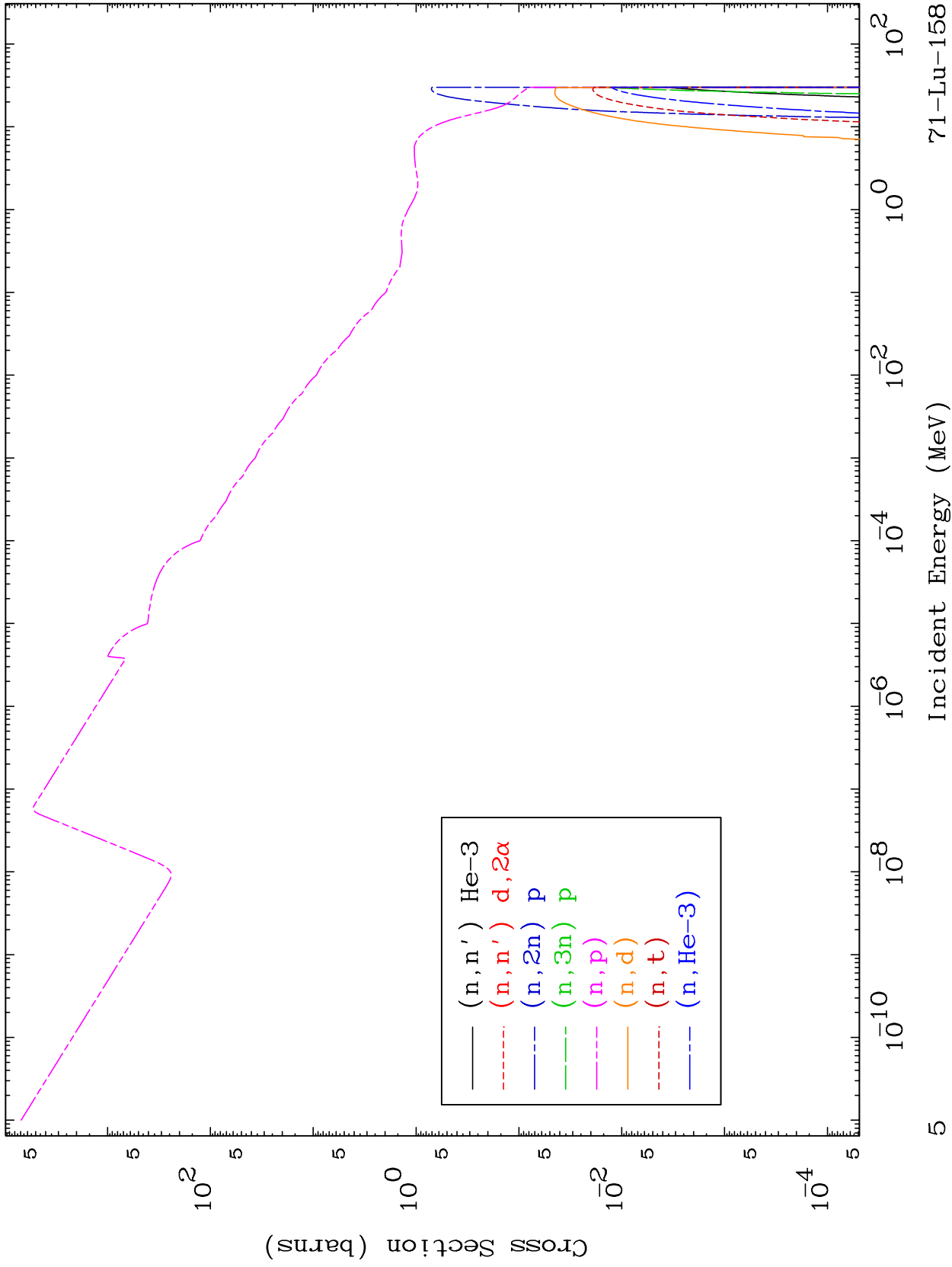
71-Lu-158



MAT 7074

Charged Particle
293 Kelvin Cross Sections

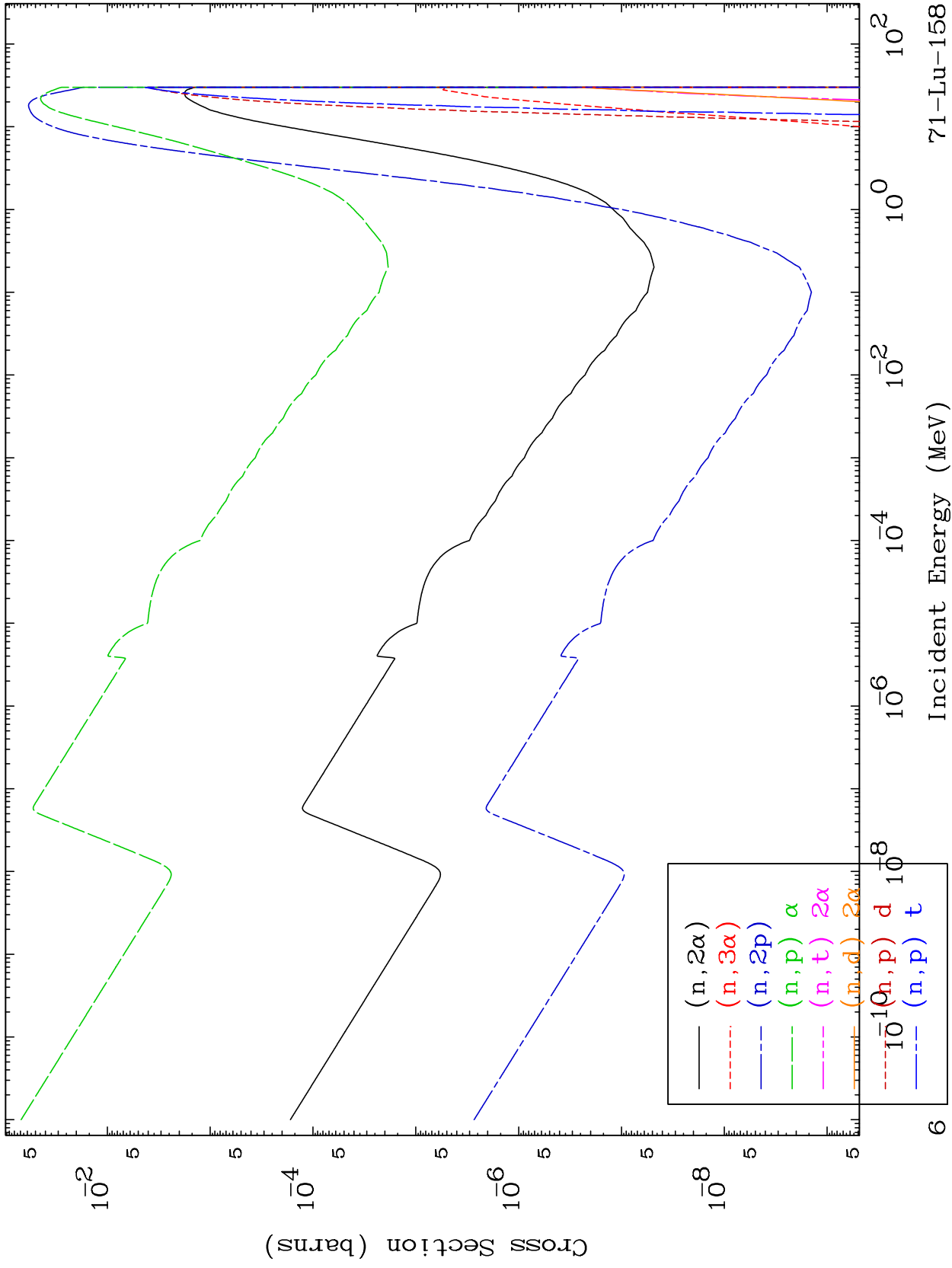
71-Lu-158



MAT 7074

Charged Particle
293 Kelvin Cross Sections

71-Lu-158

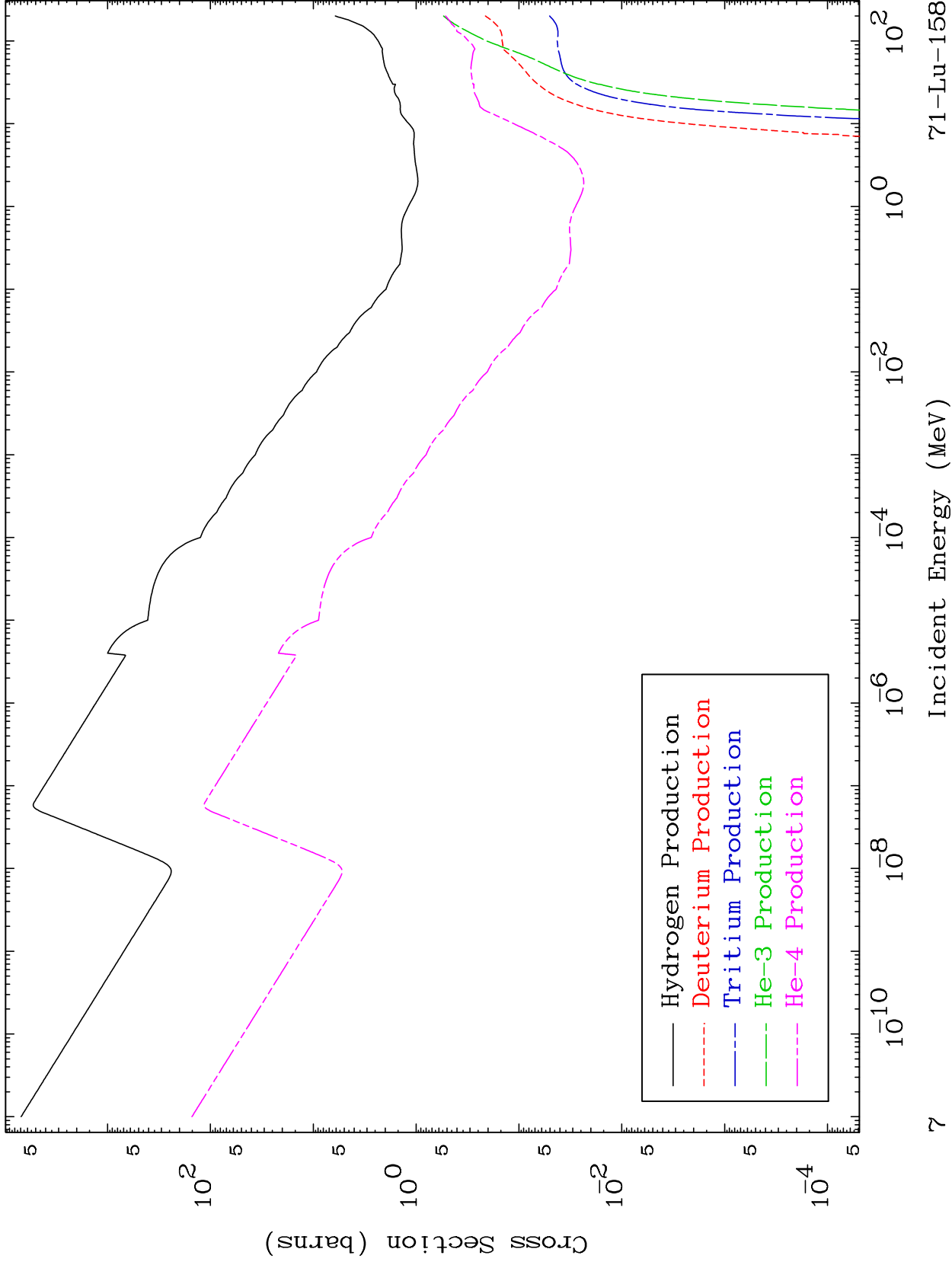


71-Lu-158

MAT 7074

Particle Production
293 Kelvin Cross Sections

71-Lu-158

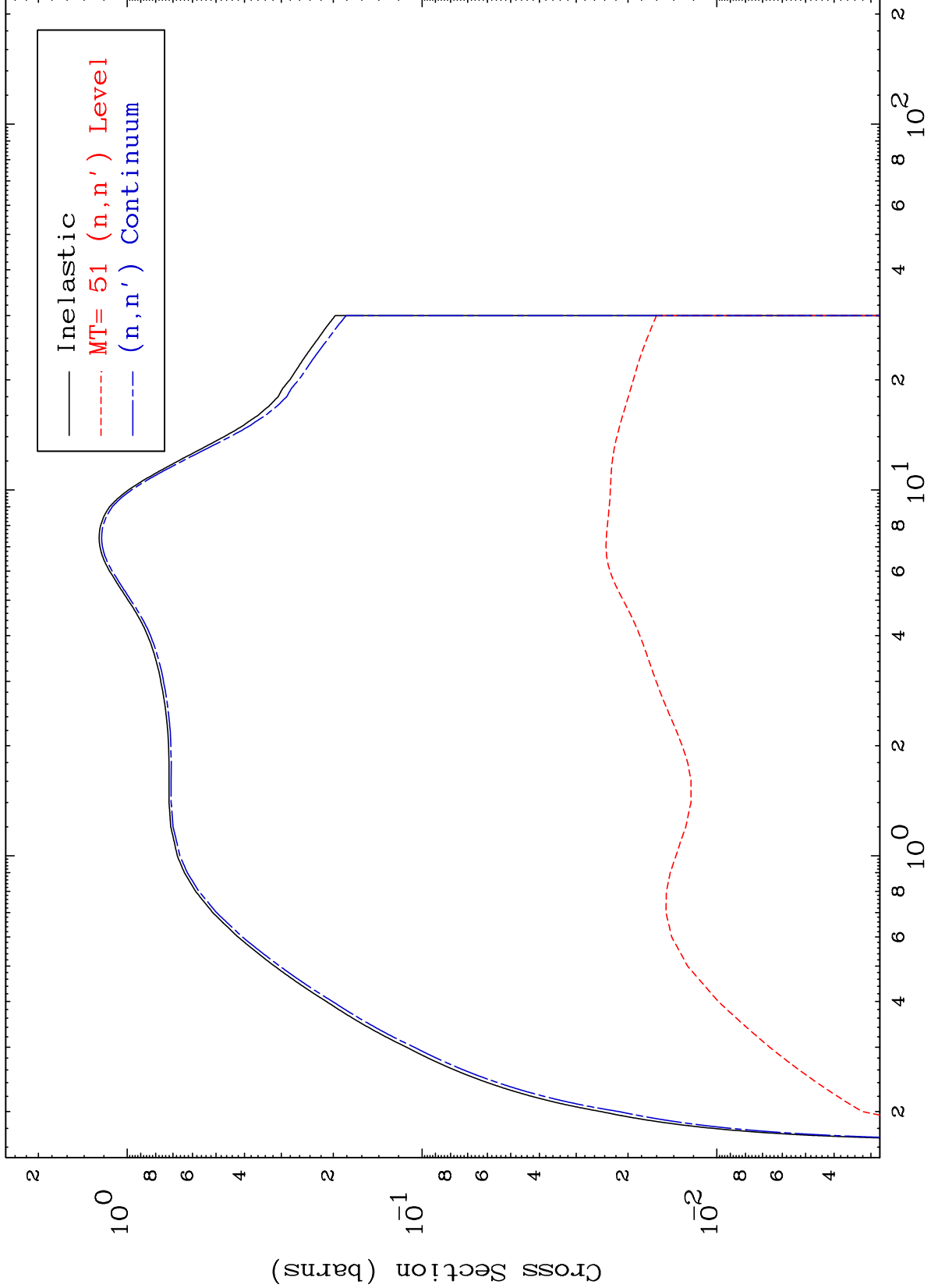


MAT 7074

(n,n') Level

71-Lu-158

293 Kelvin Cross Sections



8

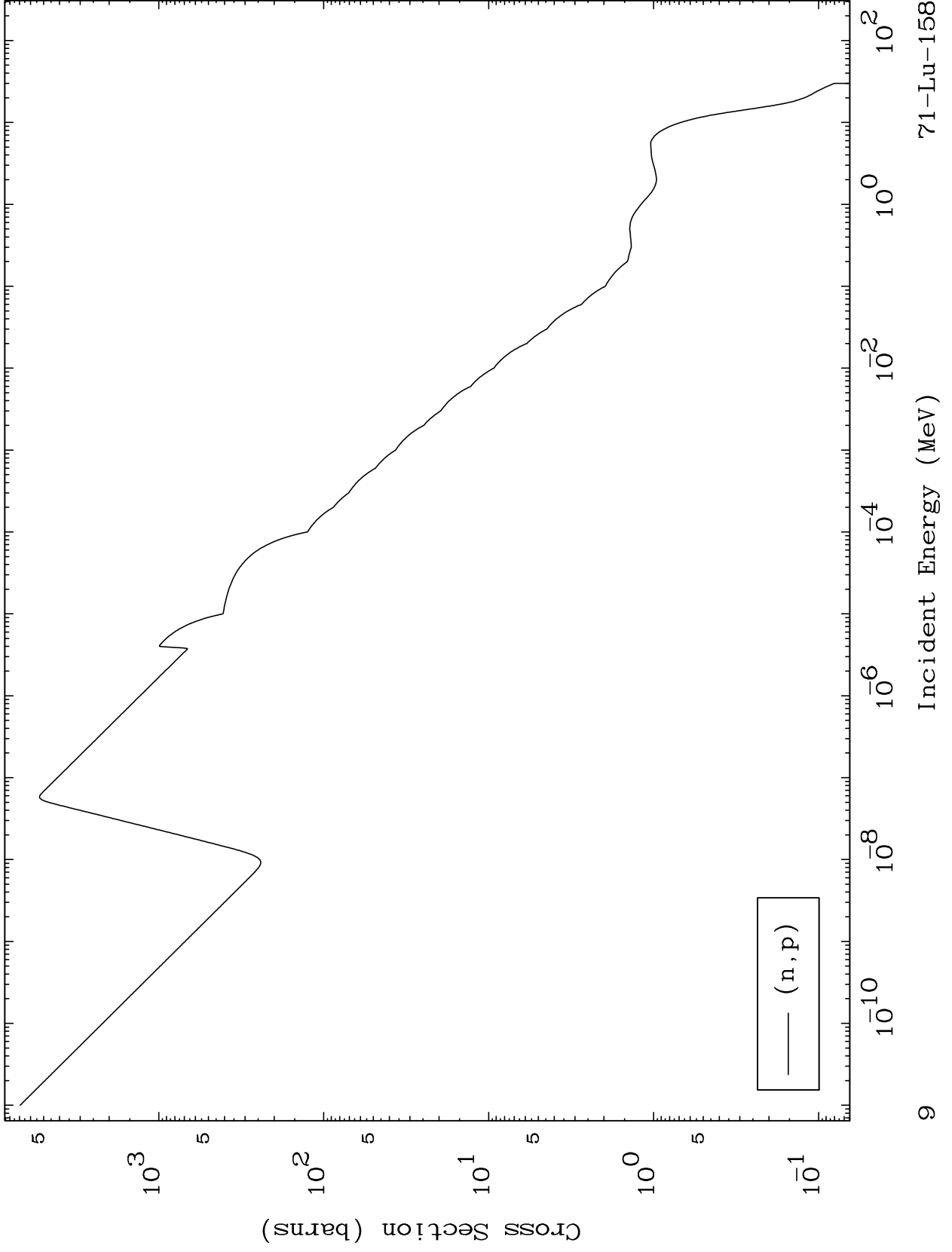
Incident Energy (MeV)

71-Lu-158

MAT 7074

(n,p) Levels
293 Kelvin Cross Sections

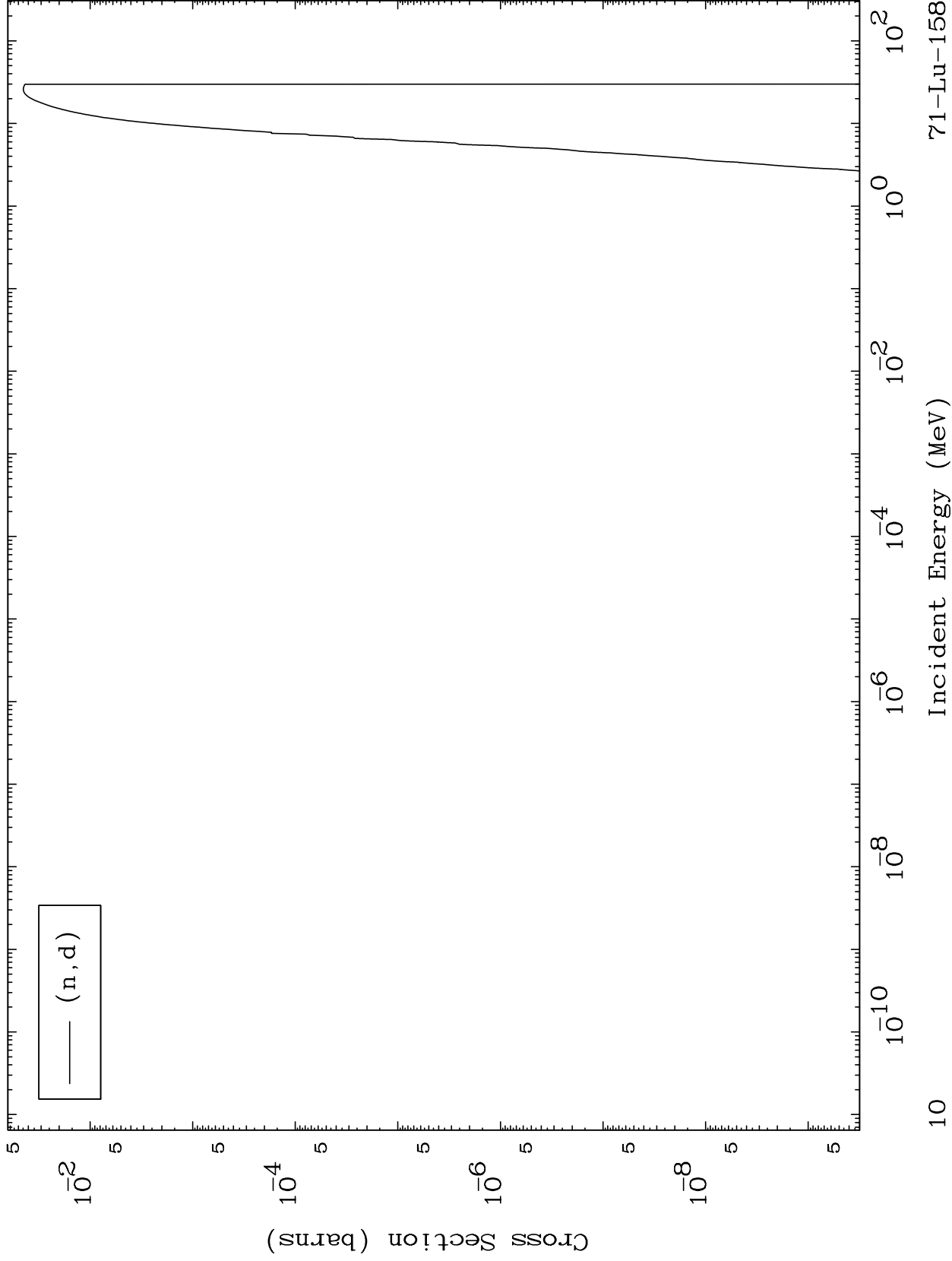
71-Lu-158



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(n,d) Levels
293 Kelvin Cross Sections

71-Lu-158



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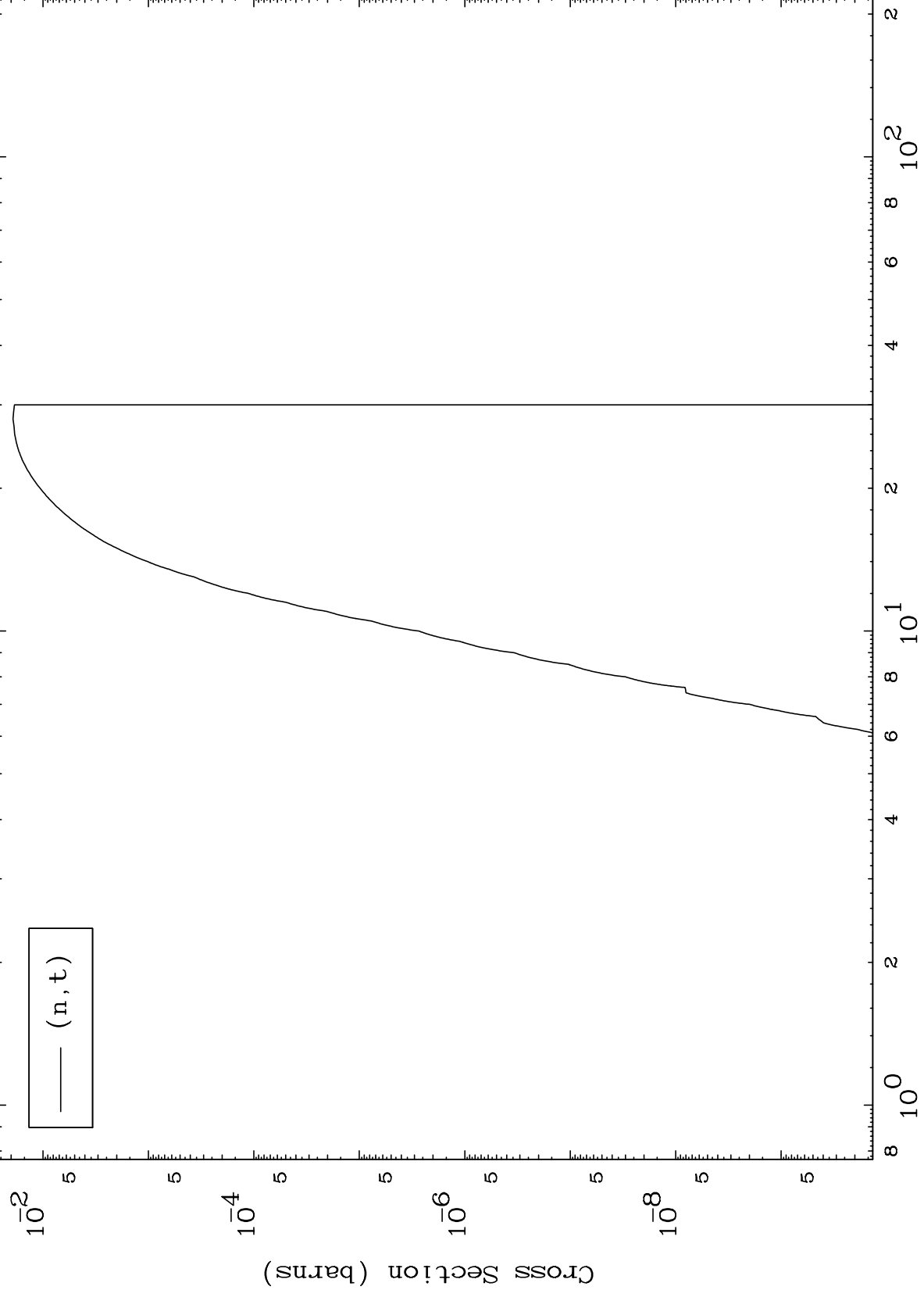
Incident Energy (MeV)

71-Lu-158

MAT 7074

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-158



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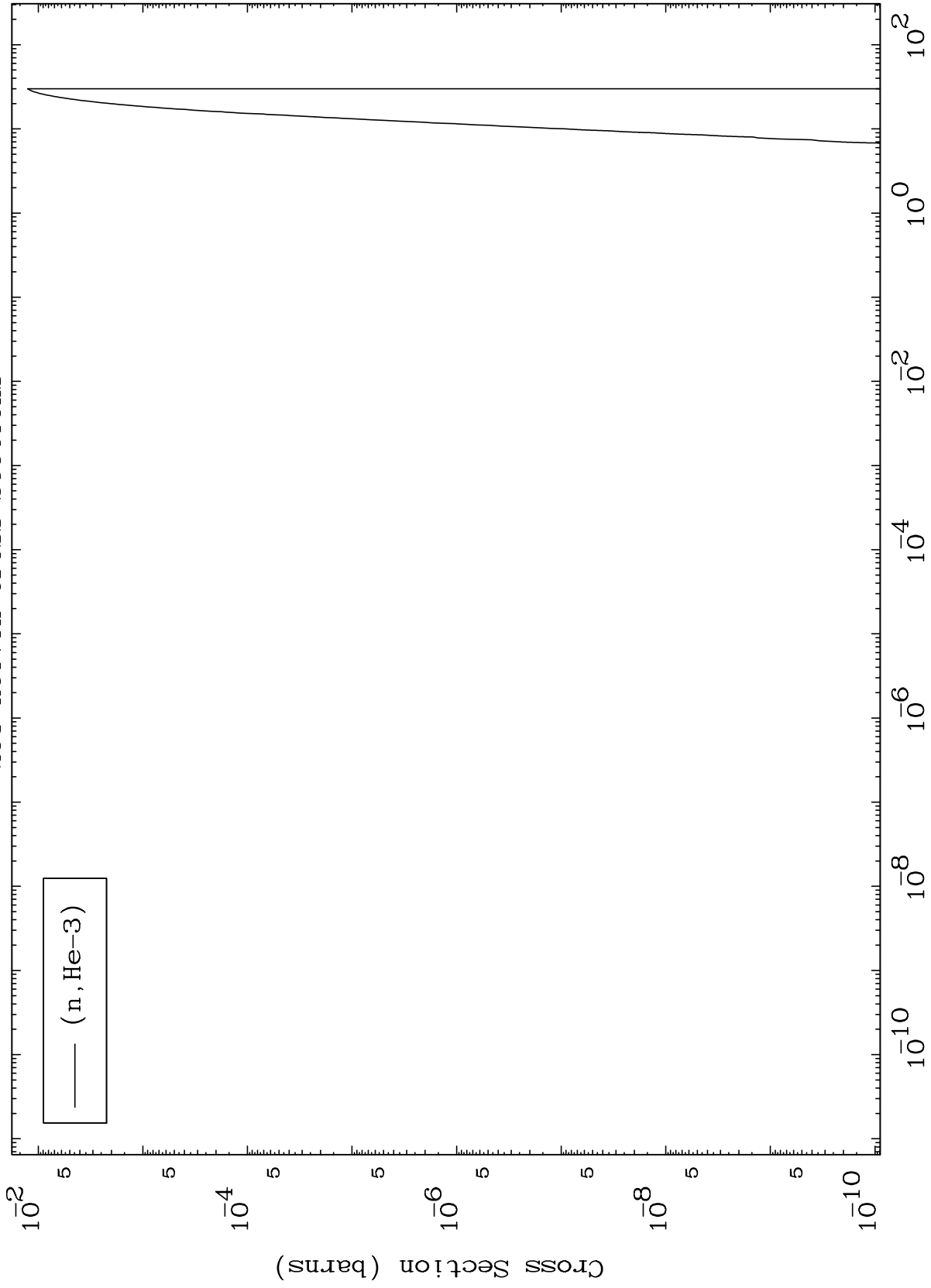
Incident Energy (MeV)

71-Lu-158

MAT 7074

(n,He3) Levels
293 Kelvin Cross Sections

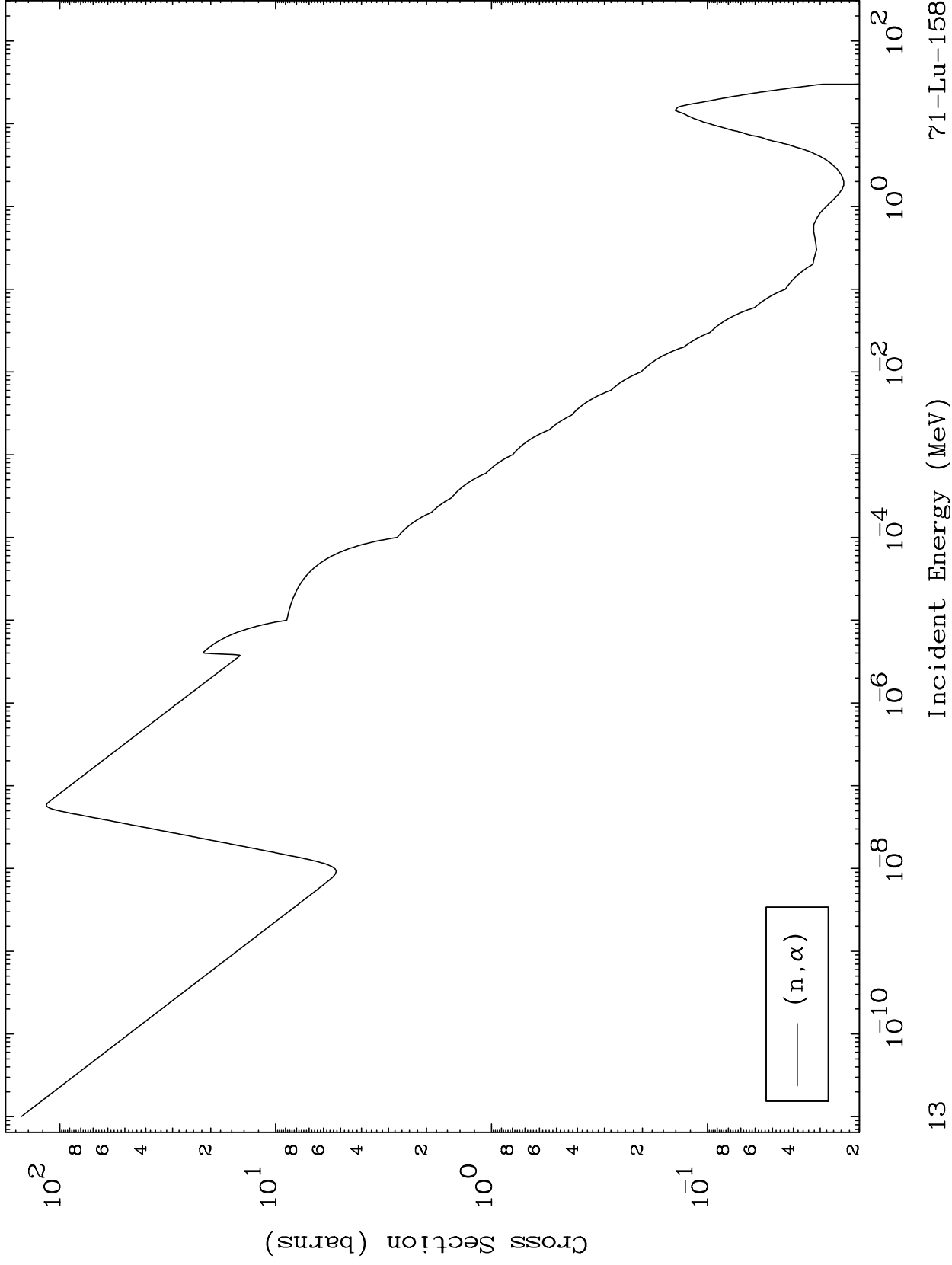
71-Lu-158

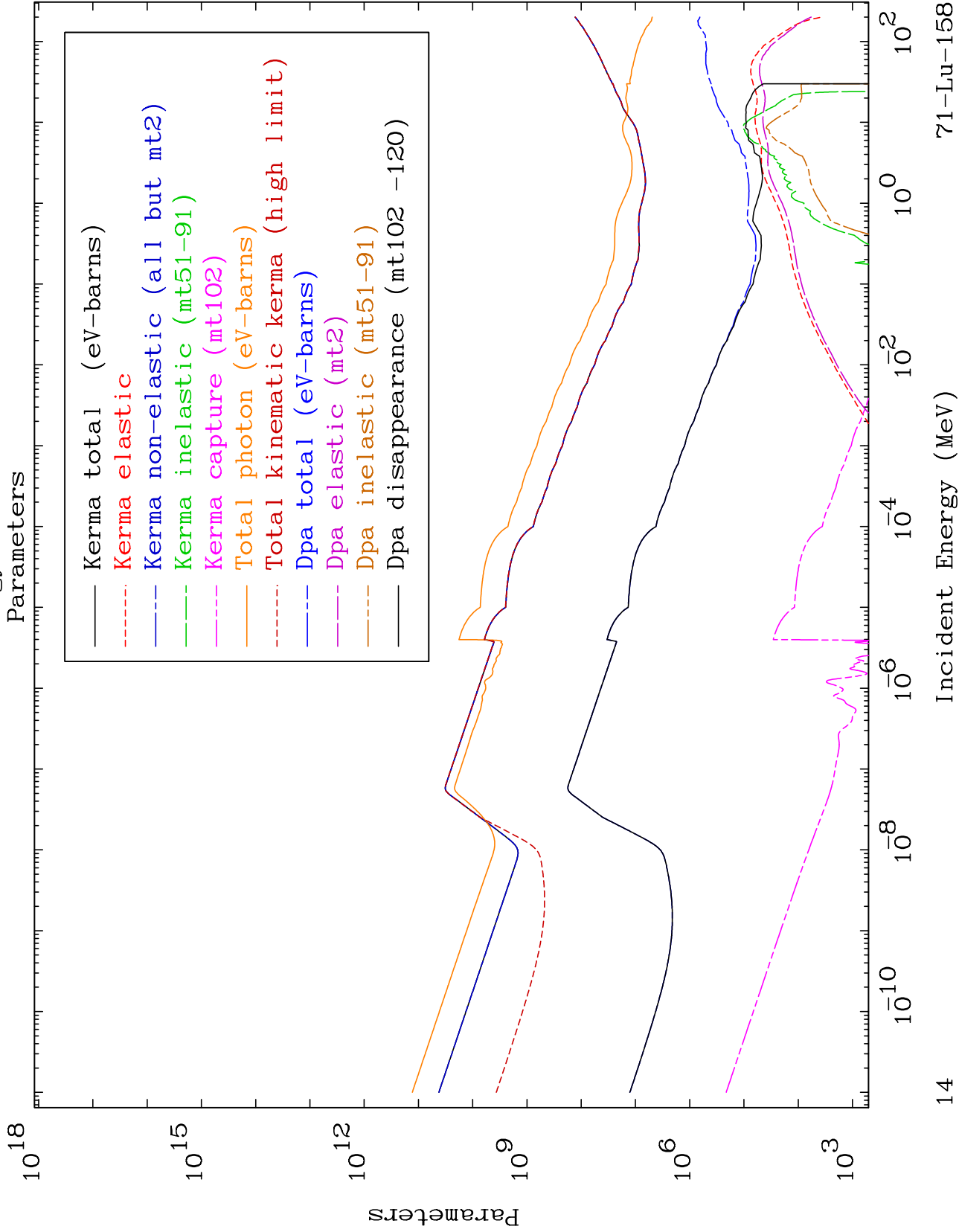


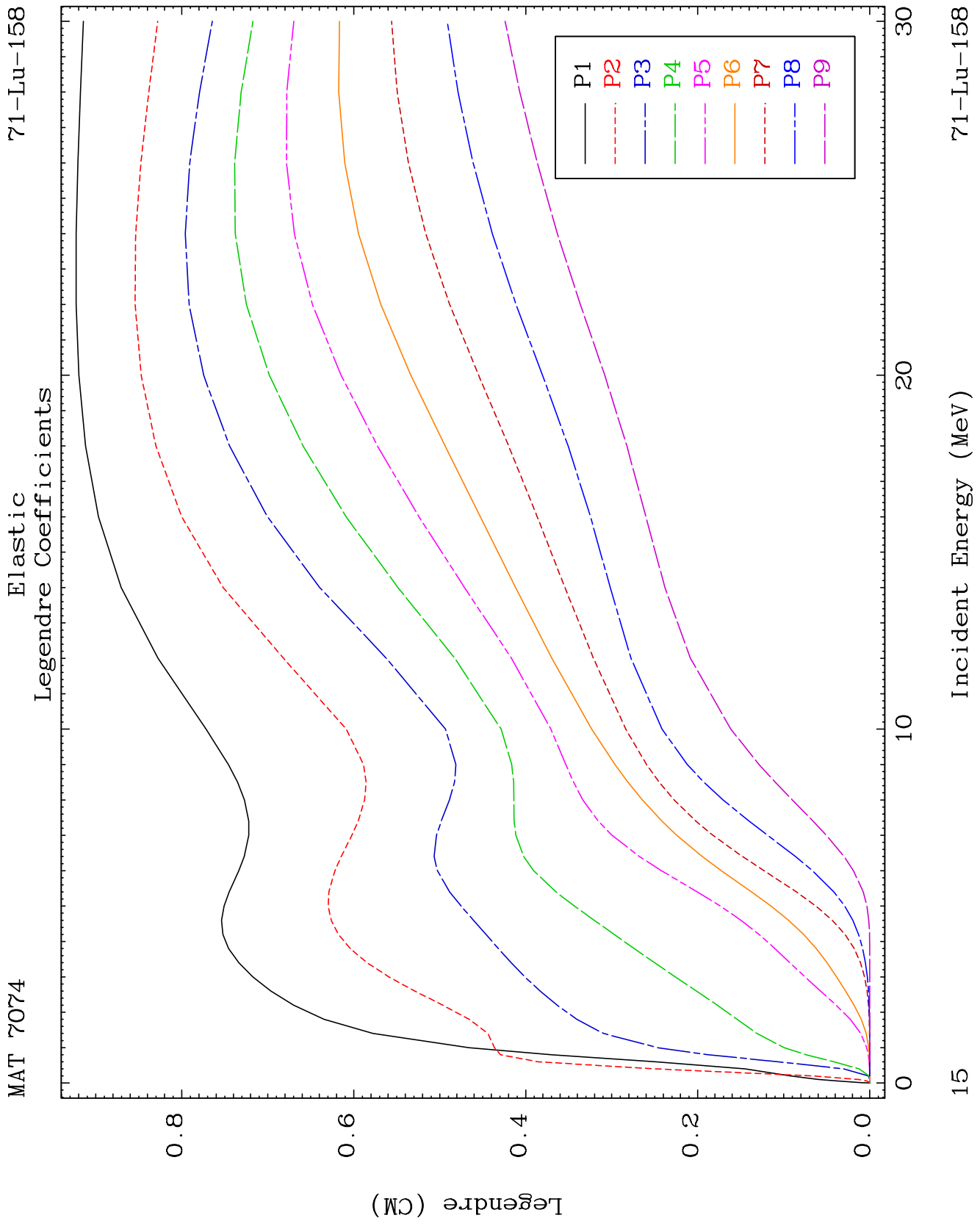
MAT 7074

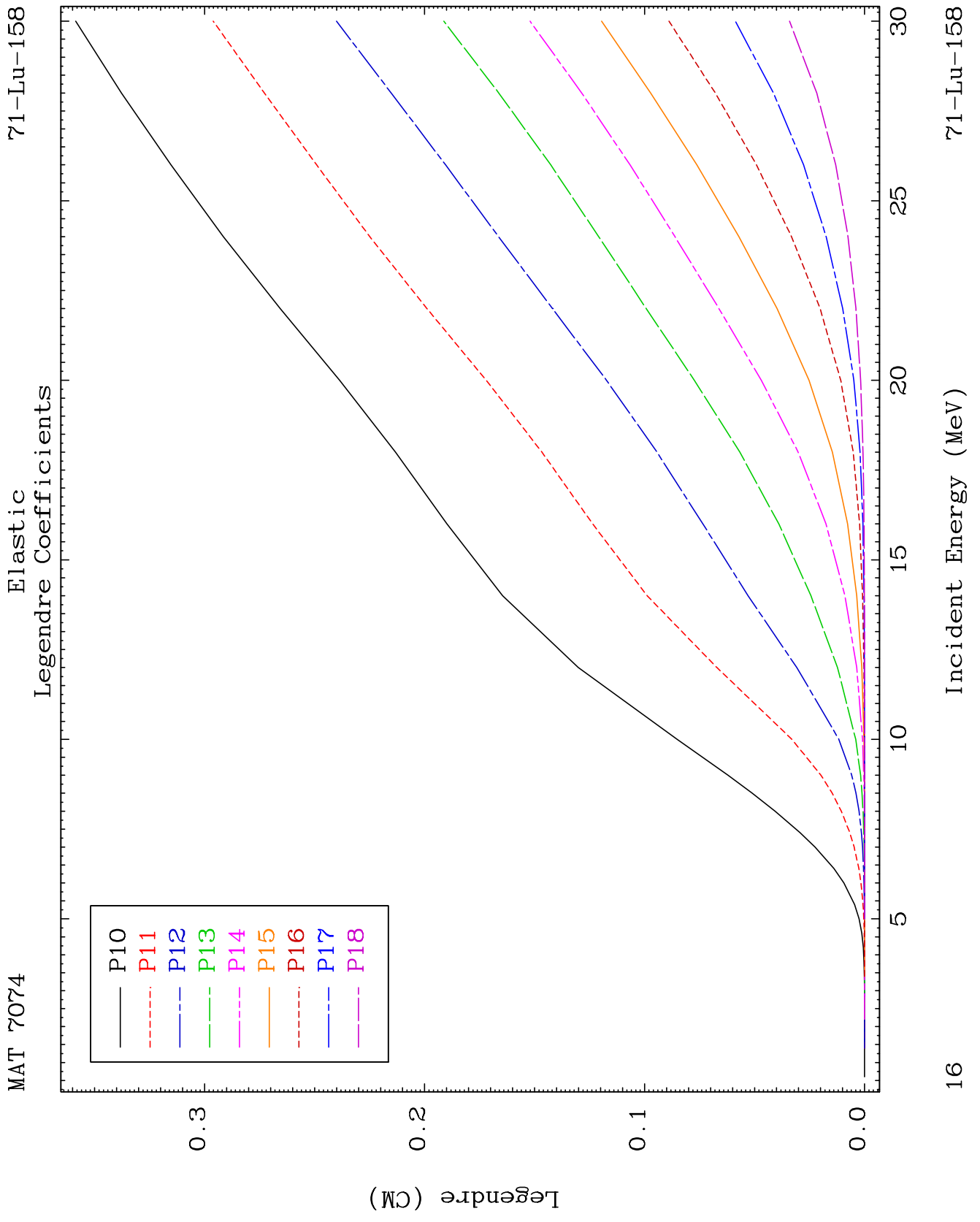
(n,α) Levels
293 Kelvin Cross Sections

71-Lu-158





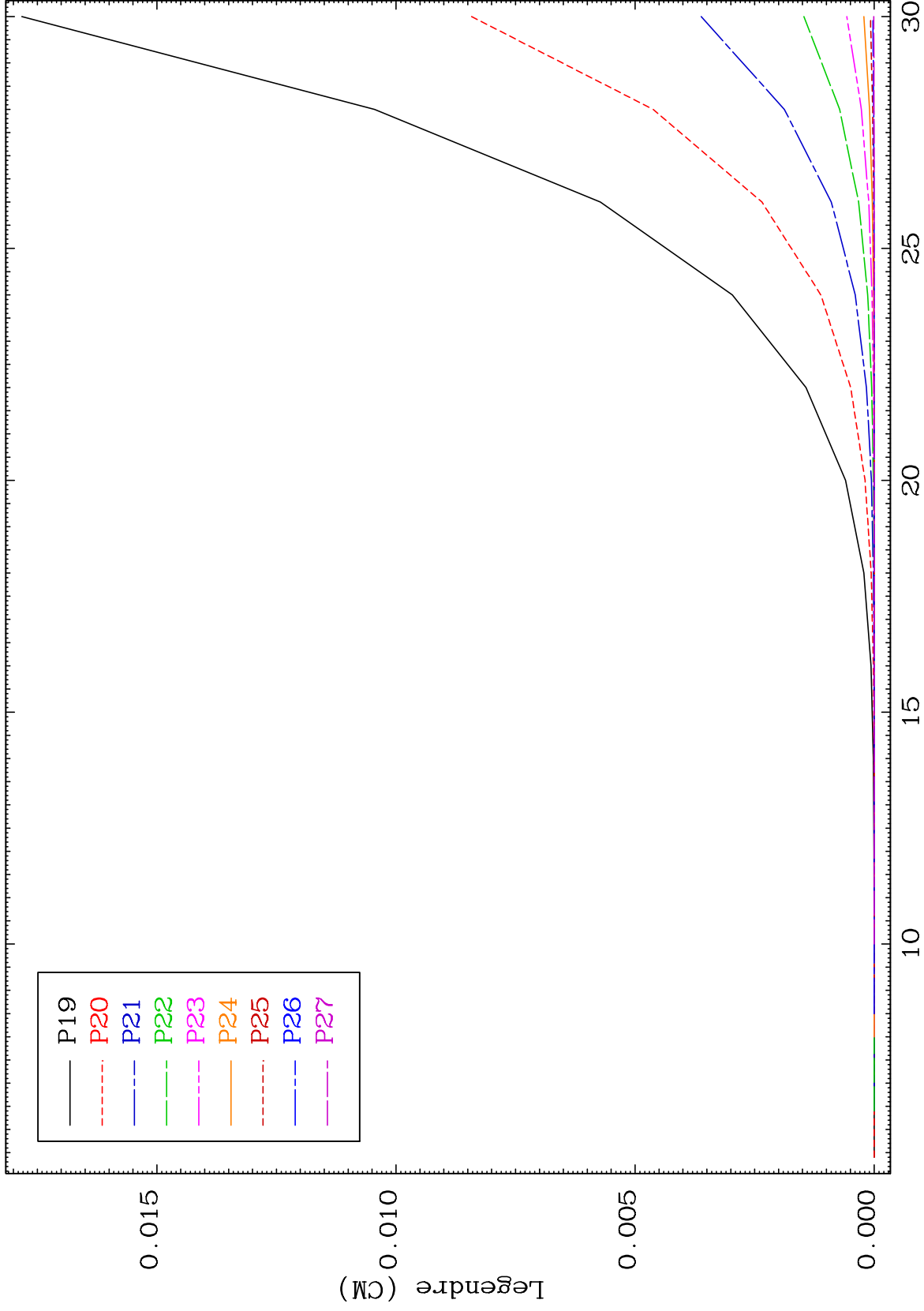




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Elastic Legendre Coefficients

71-Lu-158



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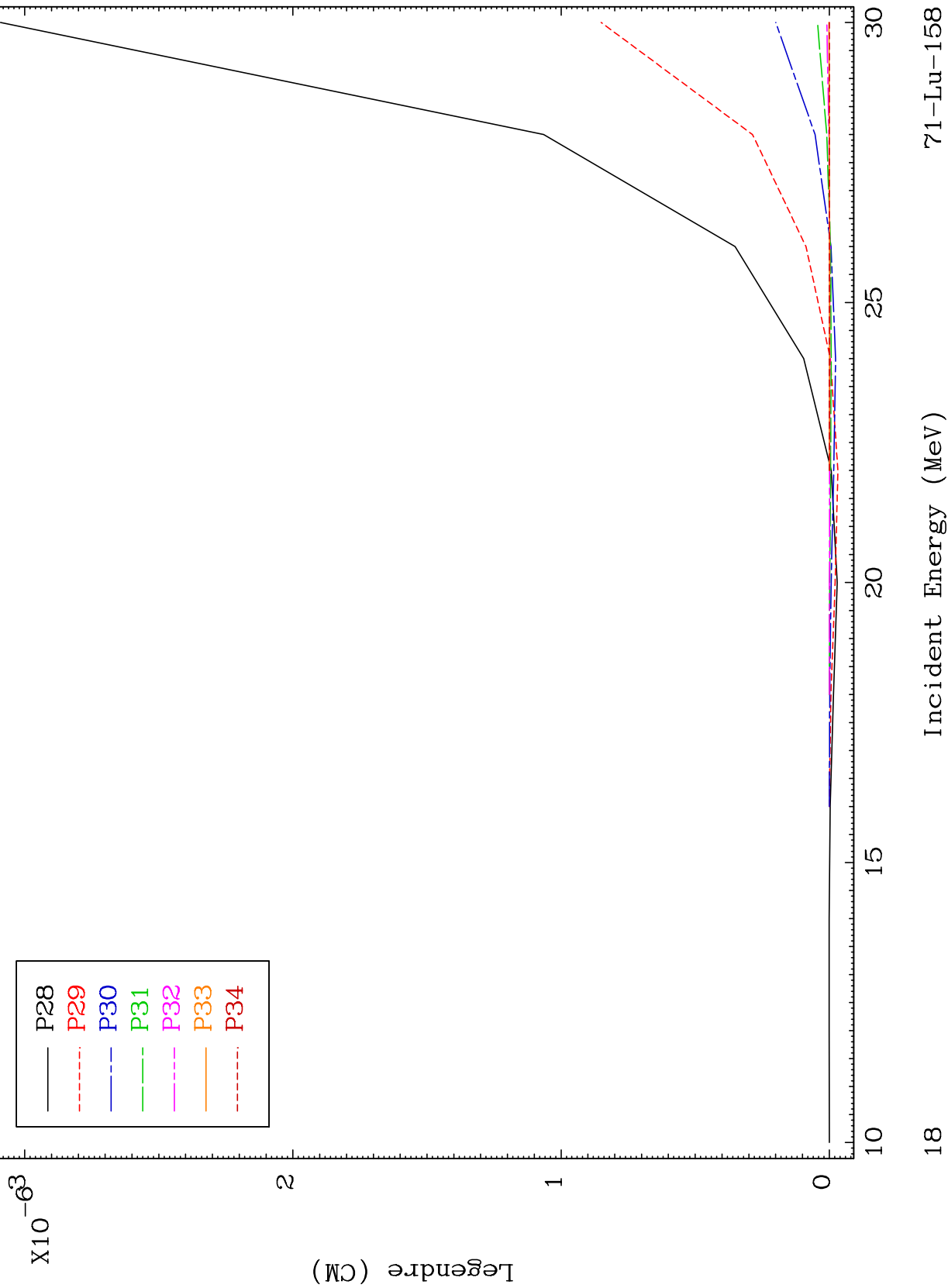
Incident Energy (MeV)

71-Lu-158

MAT 7074

Elastic Legendre Coefficients

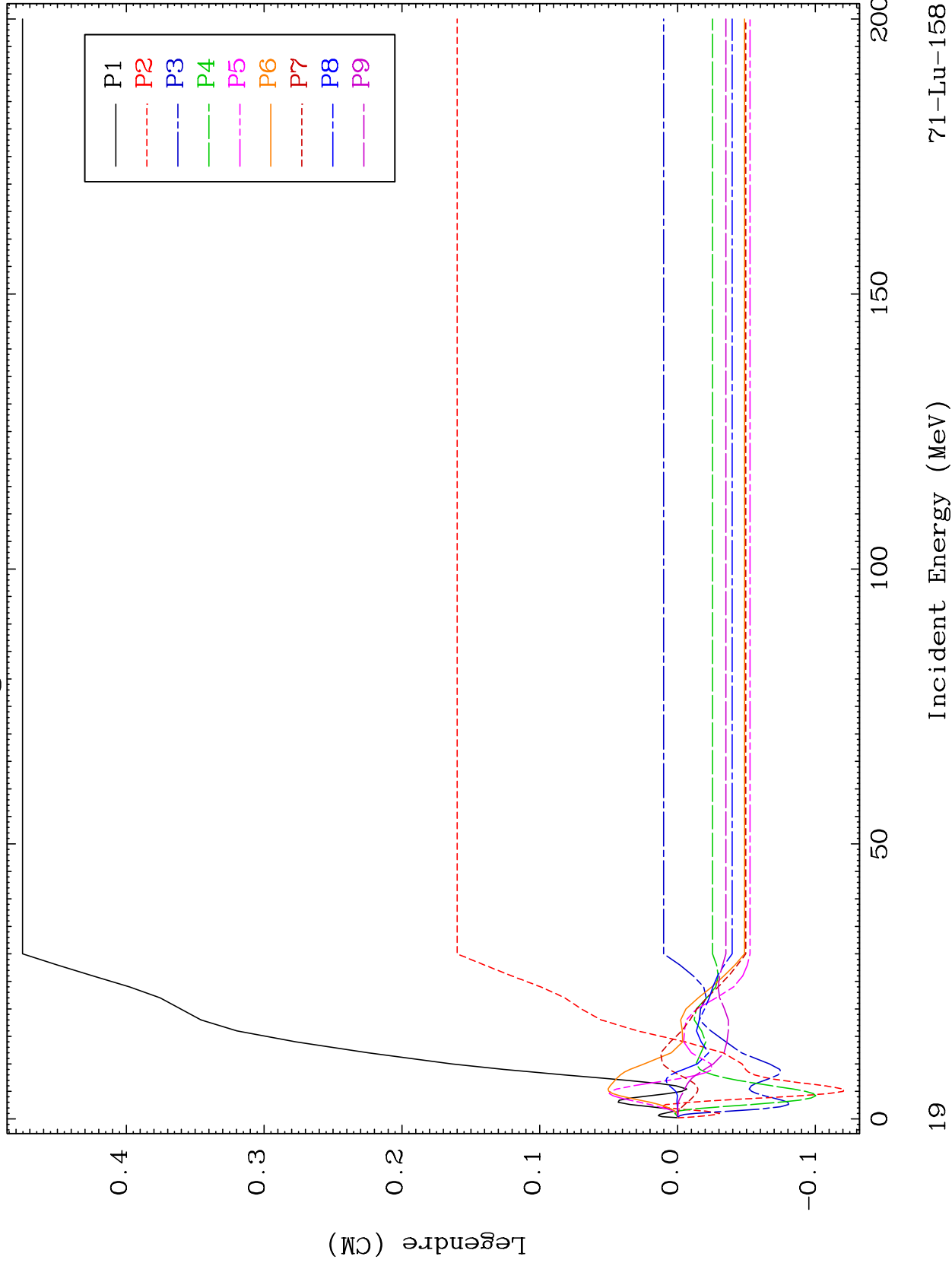
⁷¹Lu-158



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

71-Lu-158



71-Lu-158

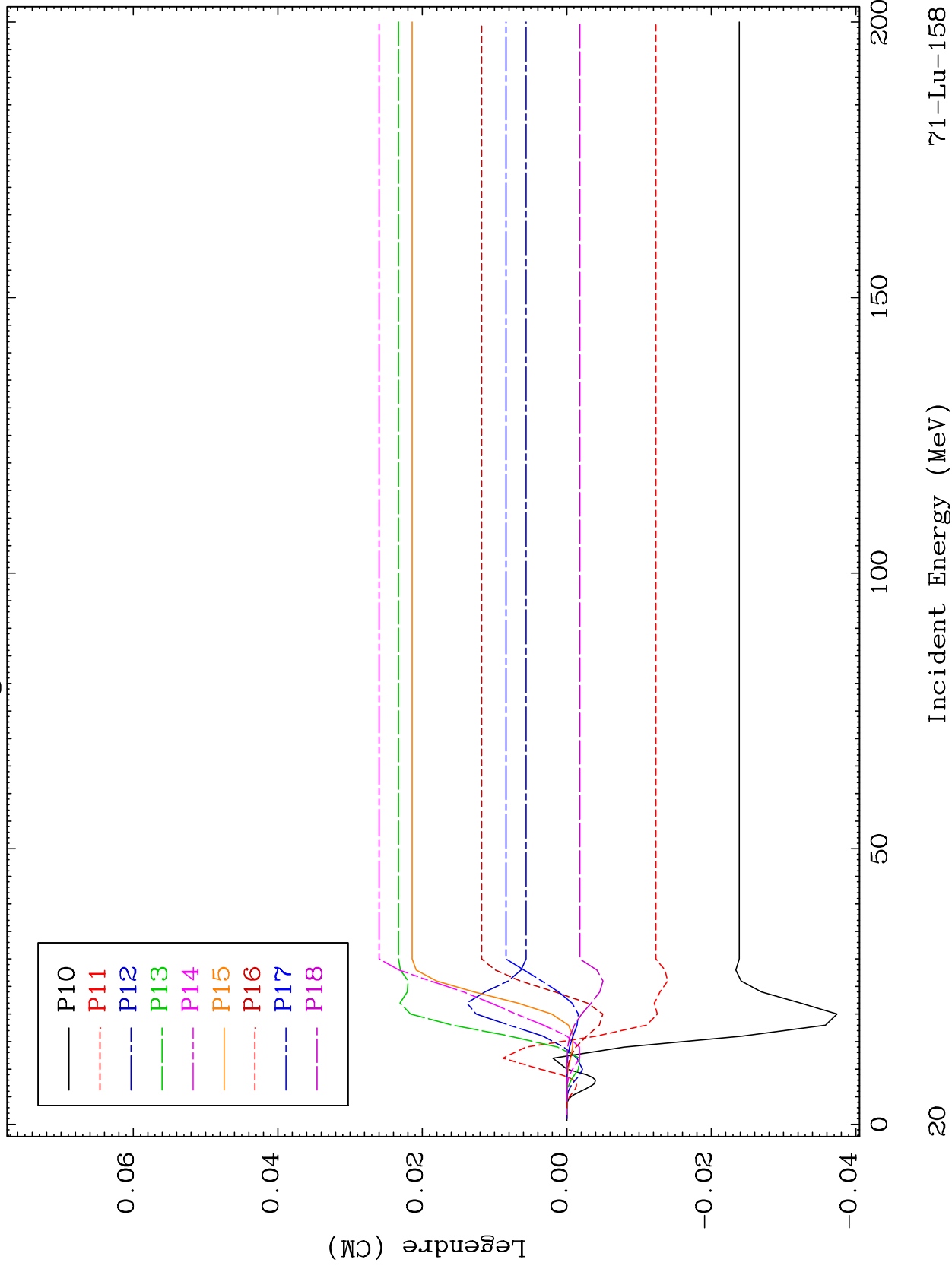
Incident Energy (MeV)

19

MAT 7074

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

71-Lu-158



71-Lu-158

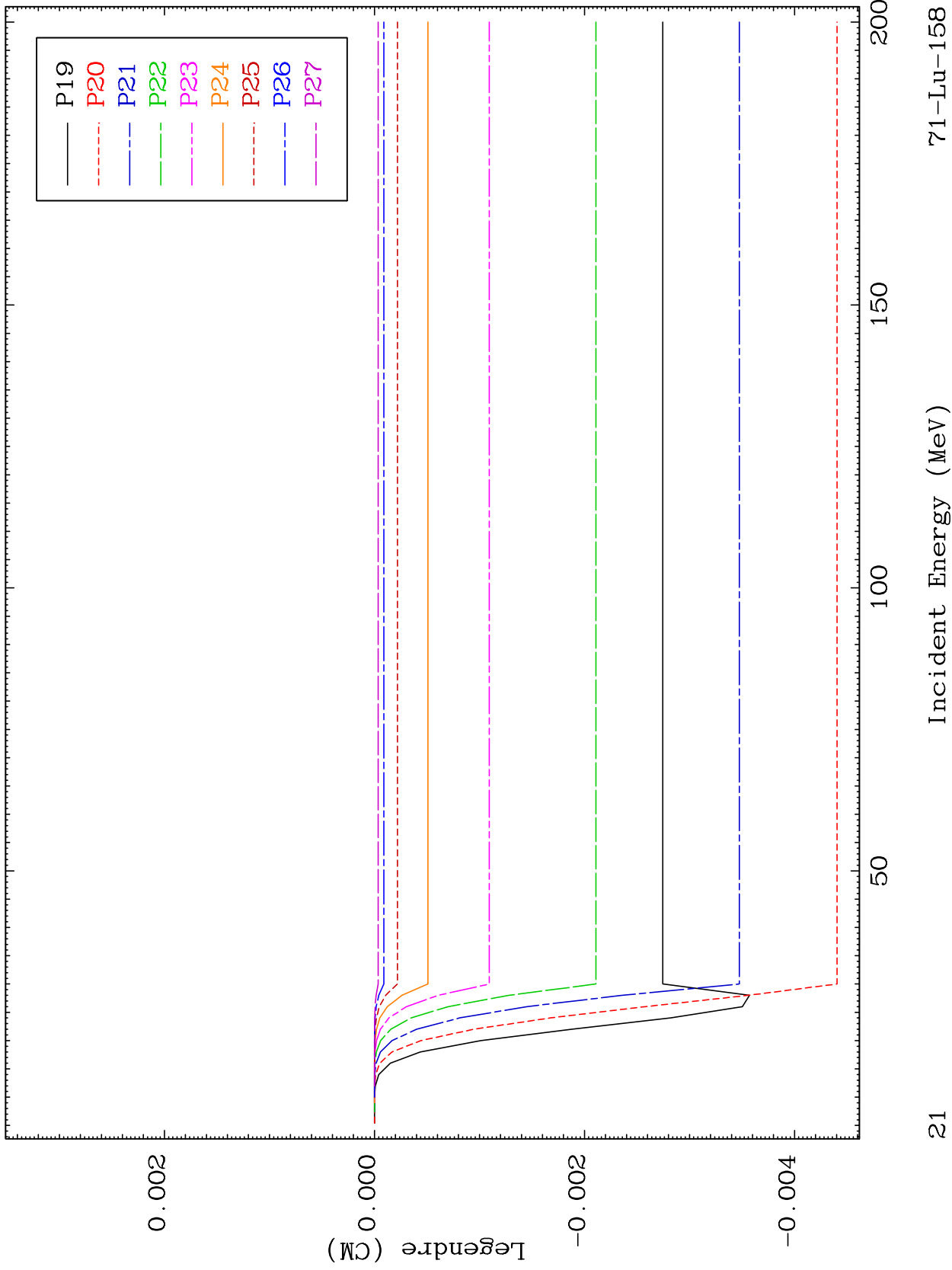
Incident Energy (MeV)

0

MAT 7074

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

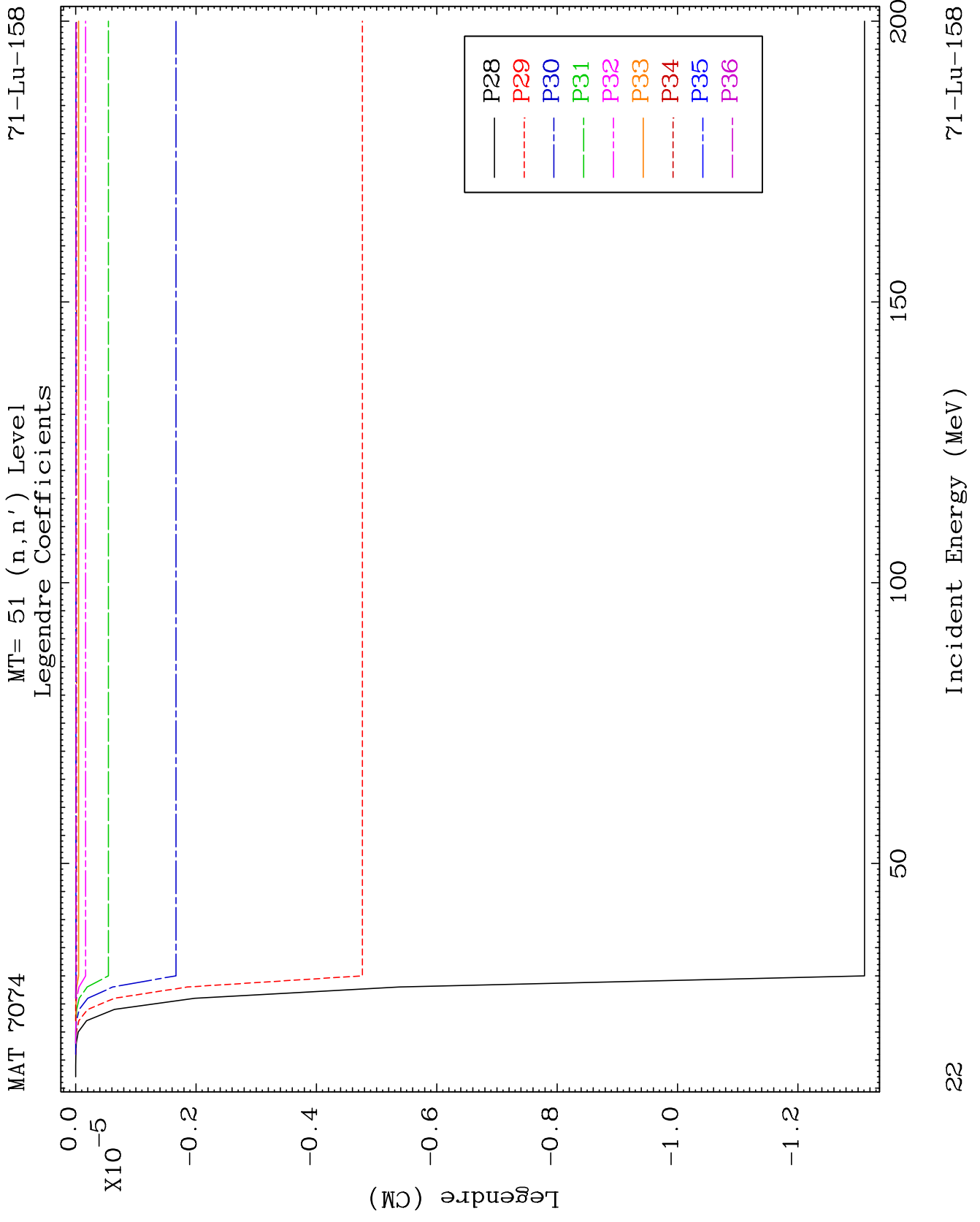
71-Lu-158



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Incident Energy (MeV)

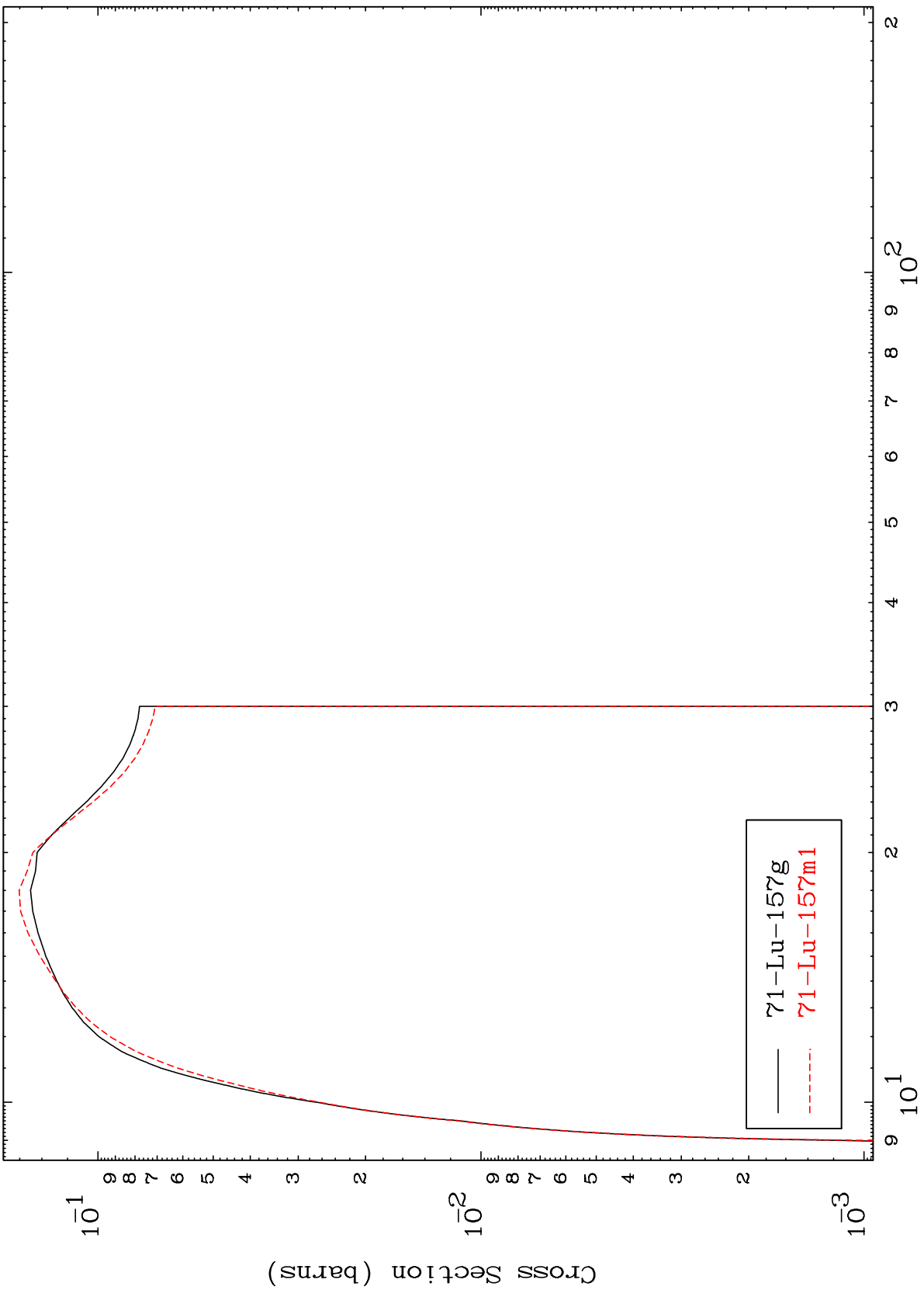
71-Lu-158



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71-Lu-158

Radionuclide Production Cross Section
(n,2n)



71-Lu-157g
71-Lu-157m1

71-Lu-158

Incident Energy (MeV)

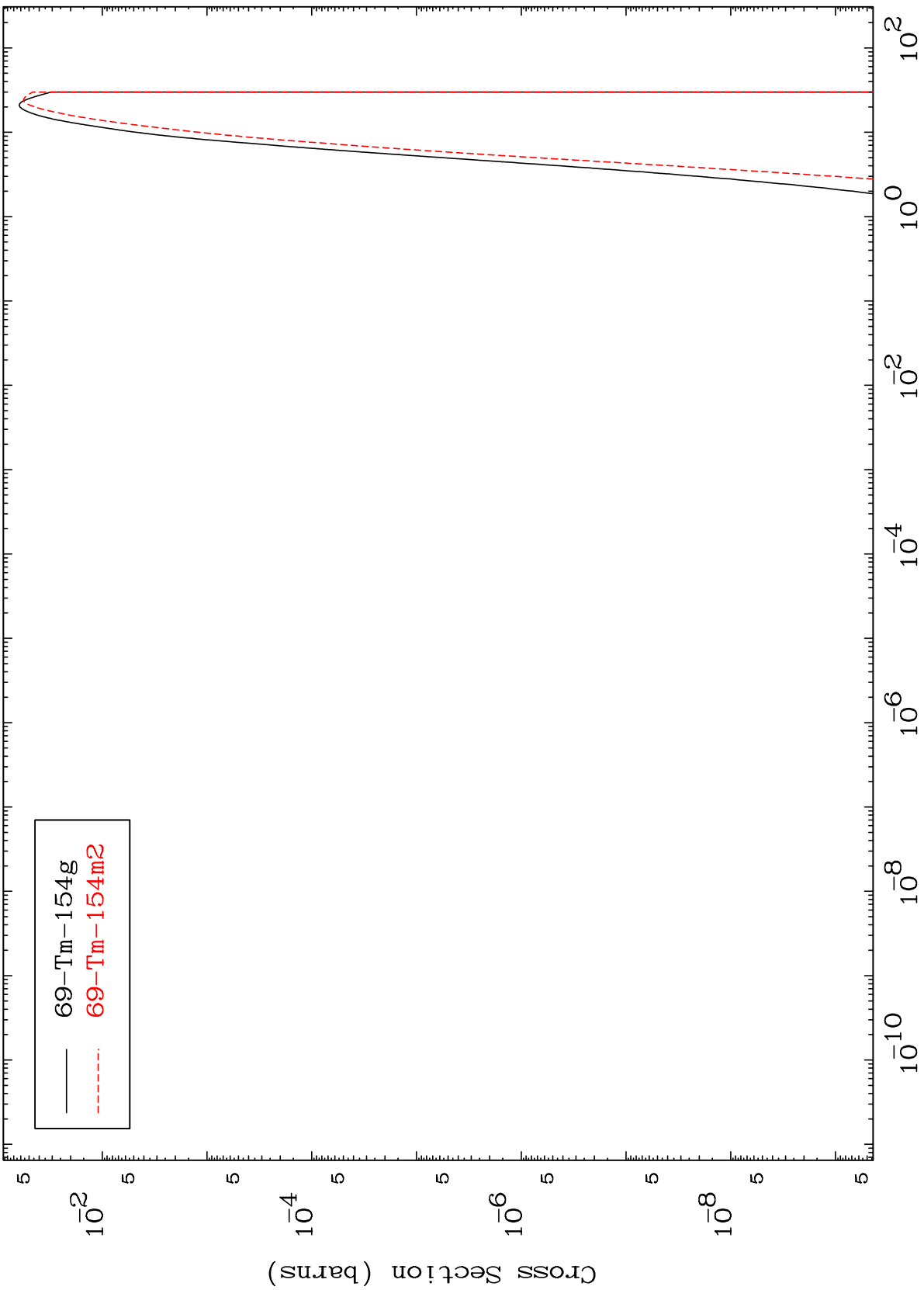
23

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$(n, n') \alpha$

71-Lu-158

Radionuclide Production Cross Section



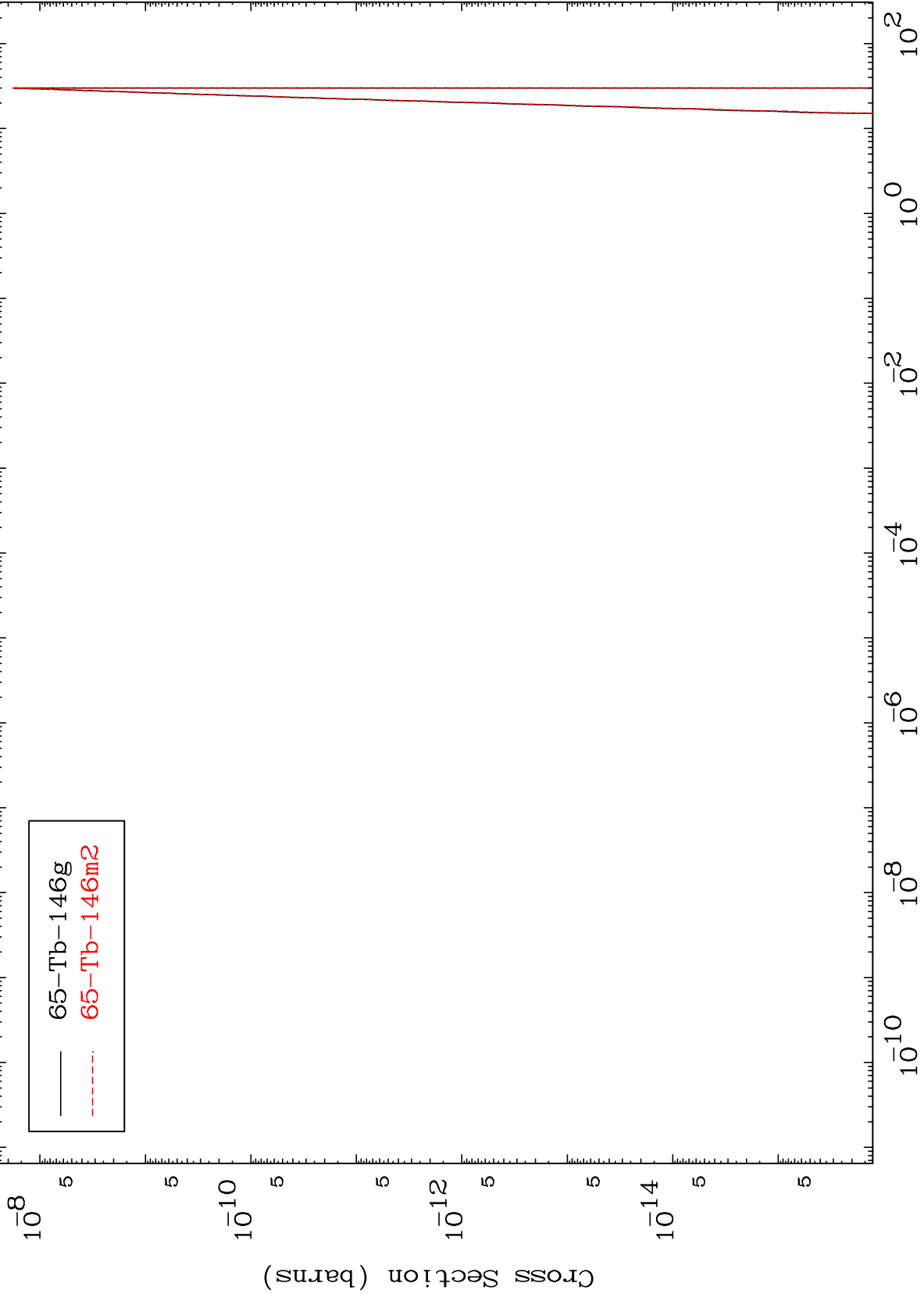
69-Tm-154g
69-Tm-154m2

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(n,n') 3 α

71-Lu-158

Radionuclide Production Cross Section



25

Incident Energy (MeV)

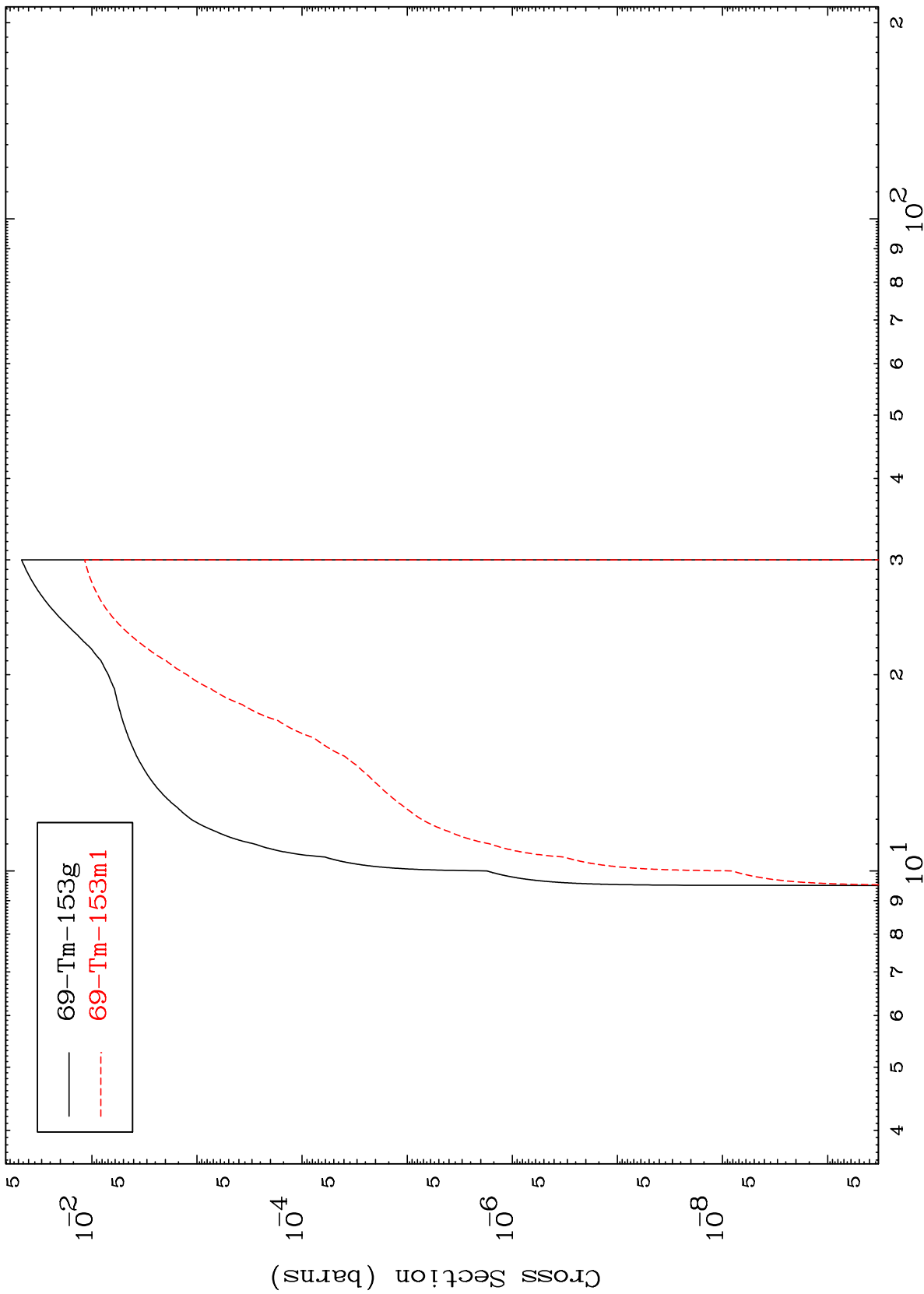
71-Lu-158

MAT 7074

(n,2n) α

71-Lu-158

Radionuclide Production Cross Section

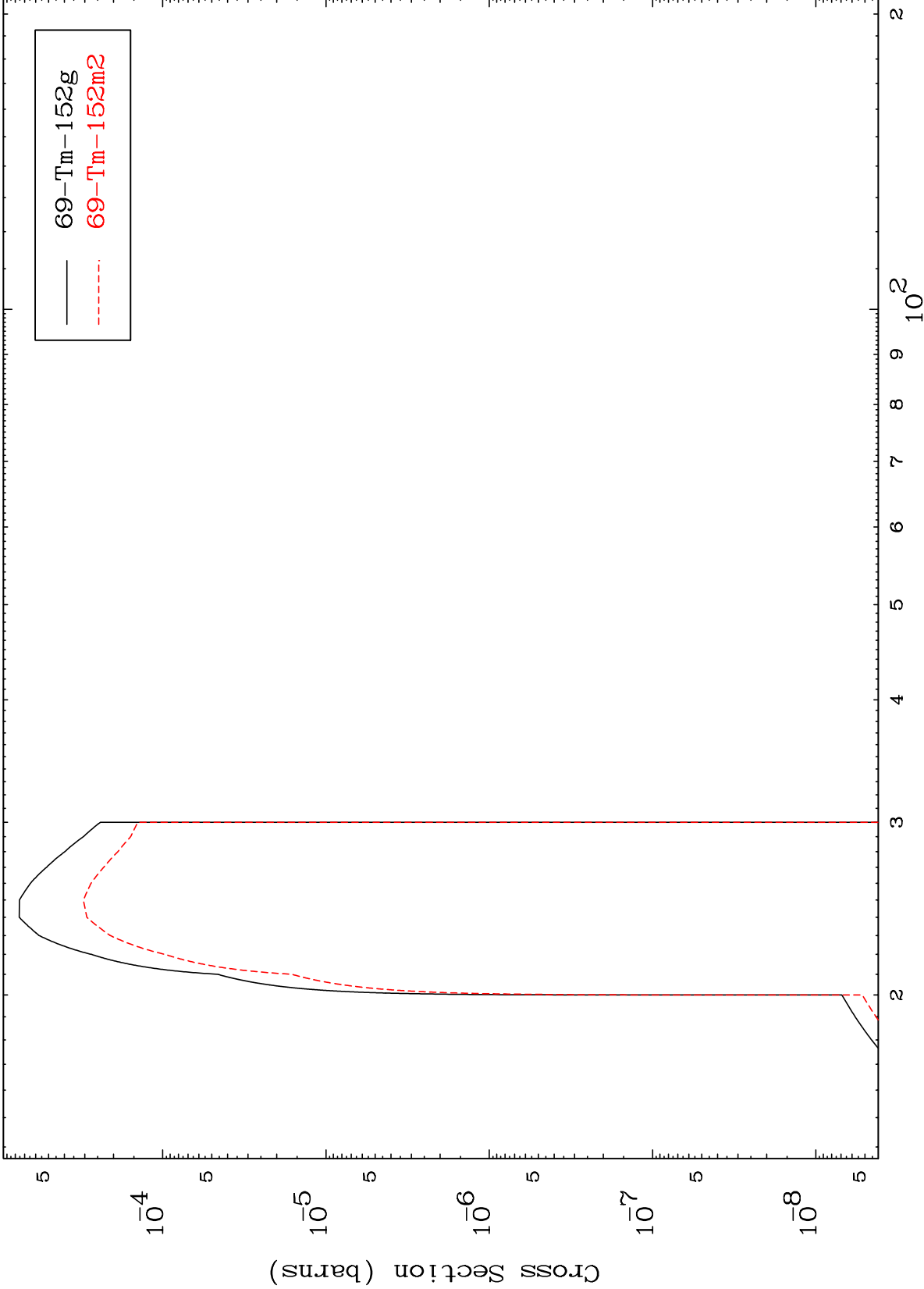


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Incident Energy (MeV)

71-Lu-158

Radionuclide Production Cross Section



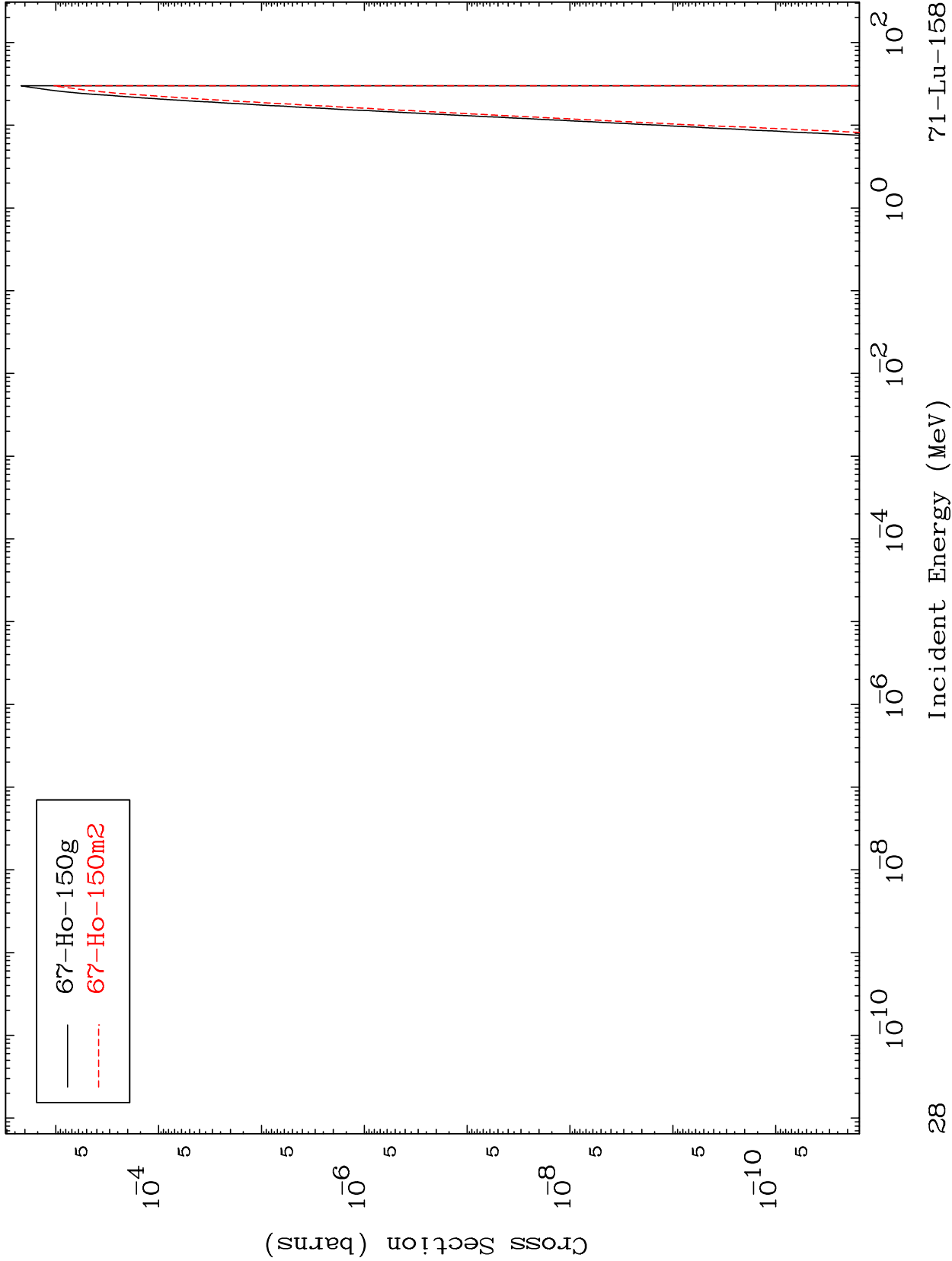
69-Tm-152g
69-Tm-152m²

MAT 7074

(n,n') 2α

71-Lu-158

Radionuclide Production Cross Section

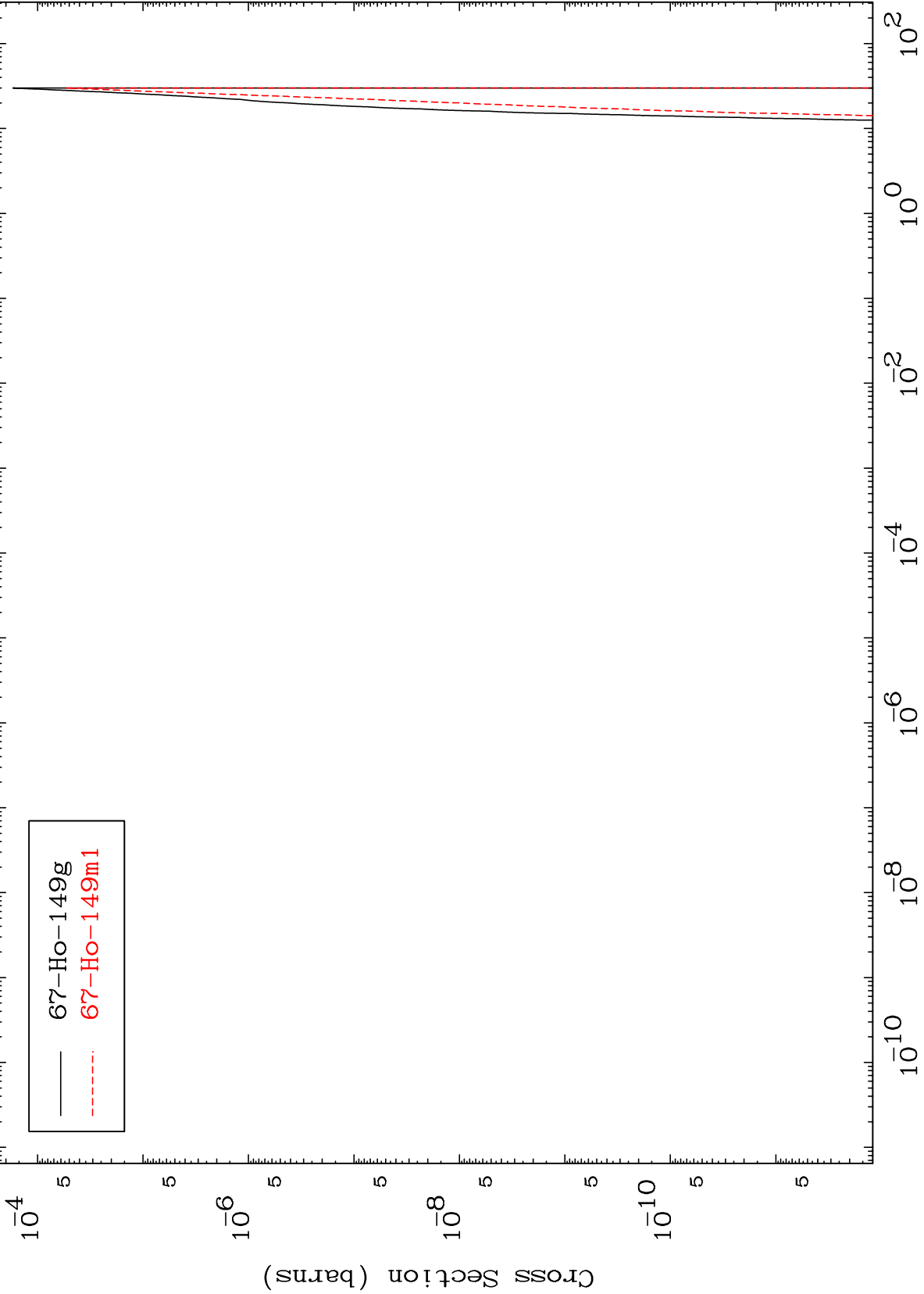


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(n,2n) 2α

71-Lu-158

Radionuclide Production Cross Section

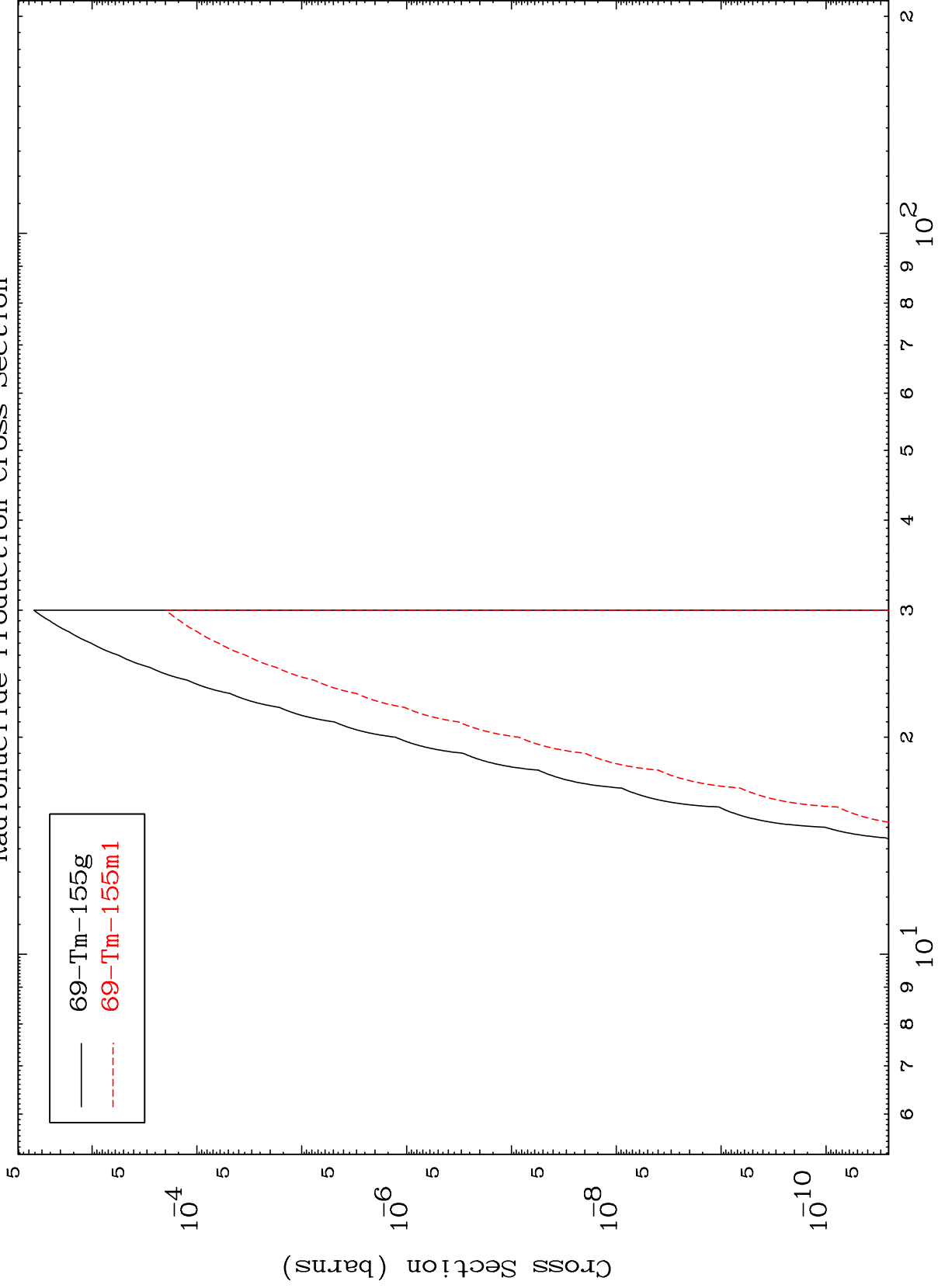


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(n, n') He-3

71-Lu-158

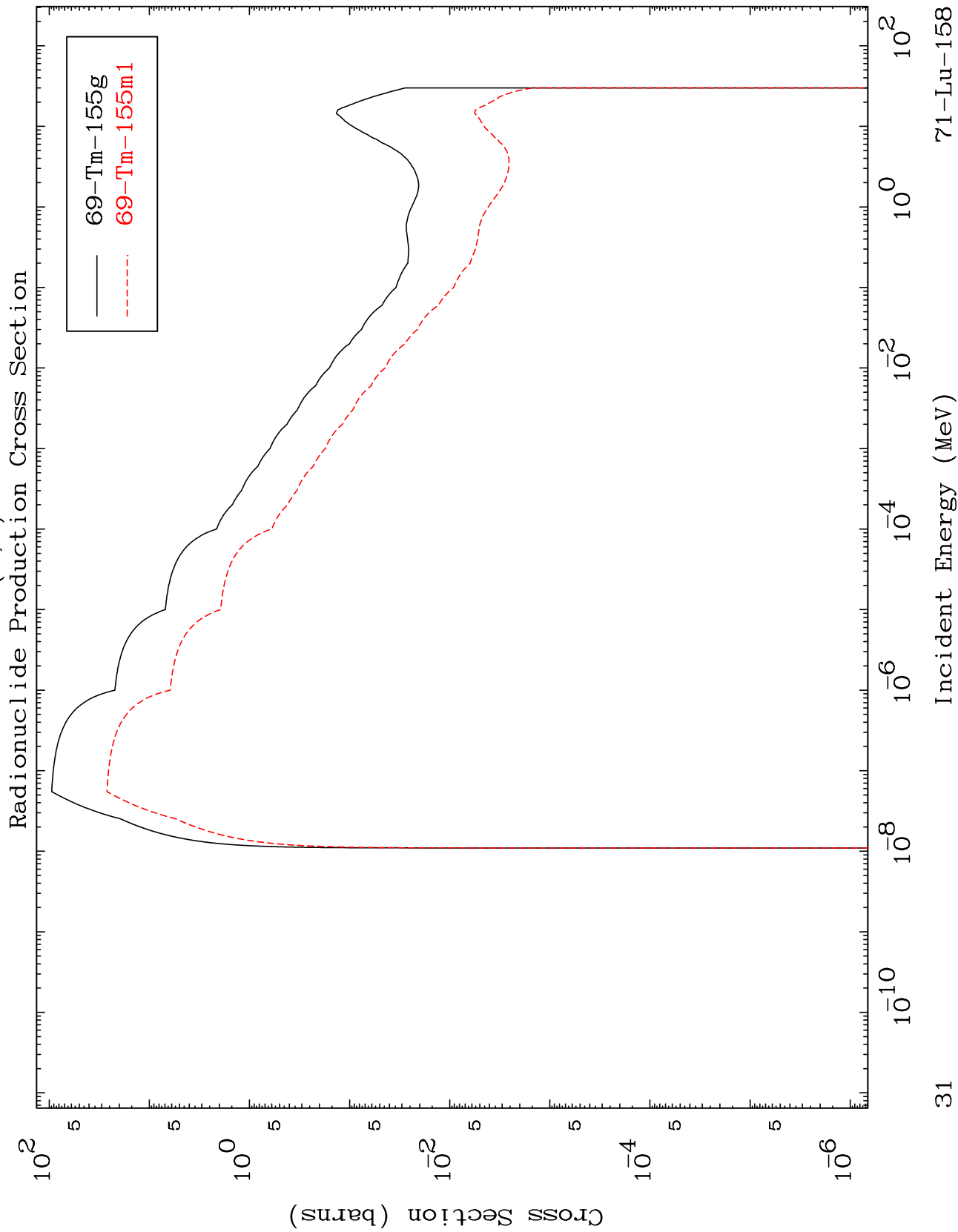
Radionuclide Production Cross Section



Incident Energy (MeV)

71-Lu-158

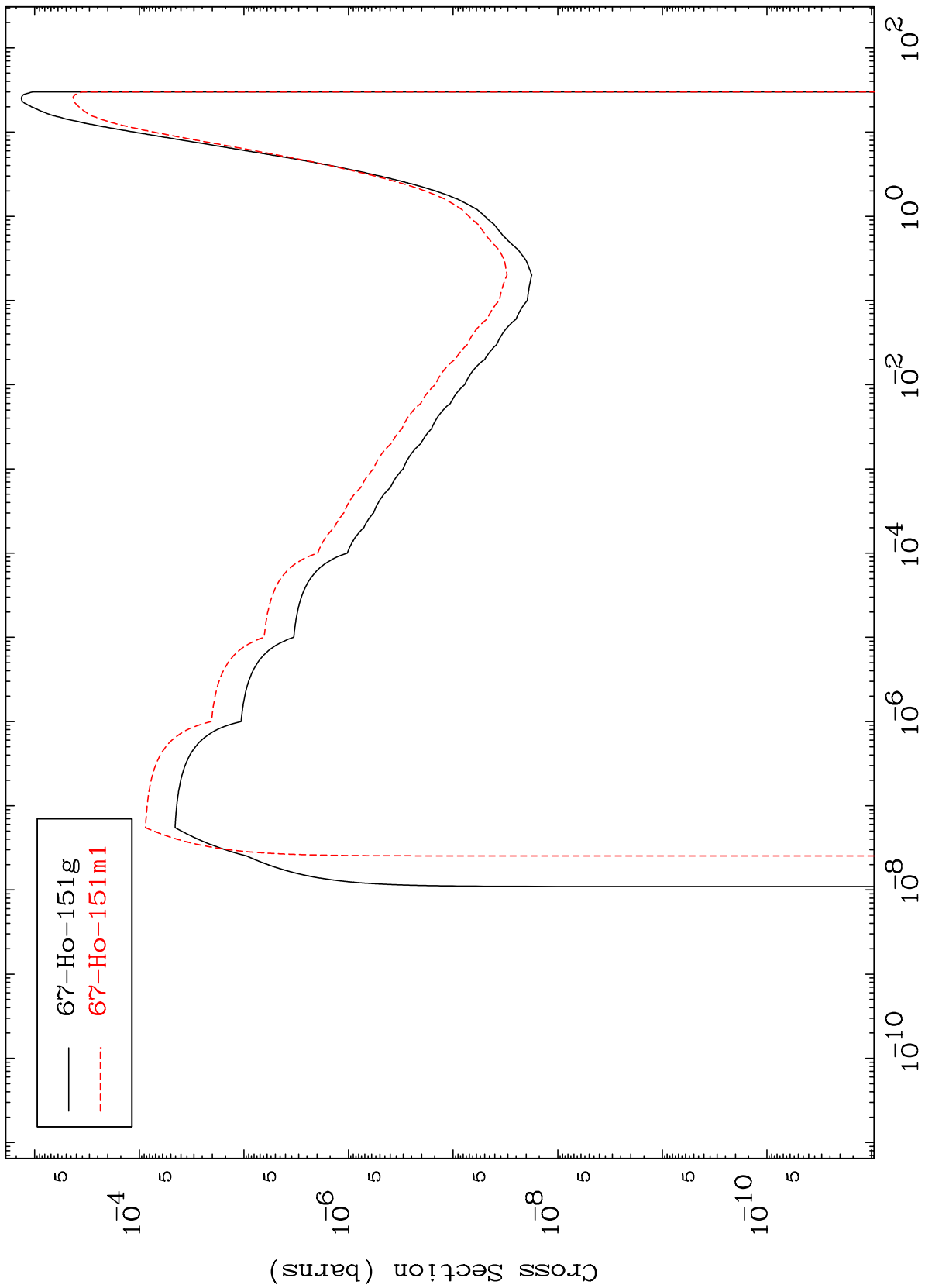
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71-Lu-158

Radionuclide Production Cross Section (n,2α)



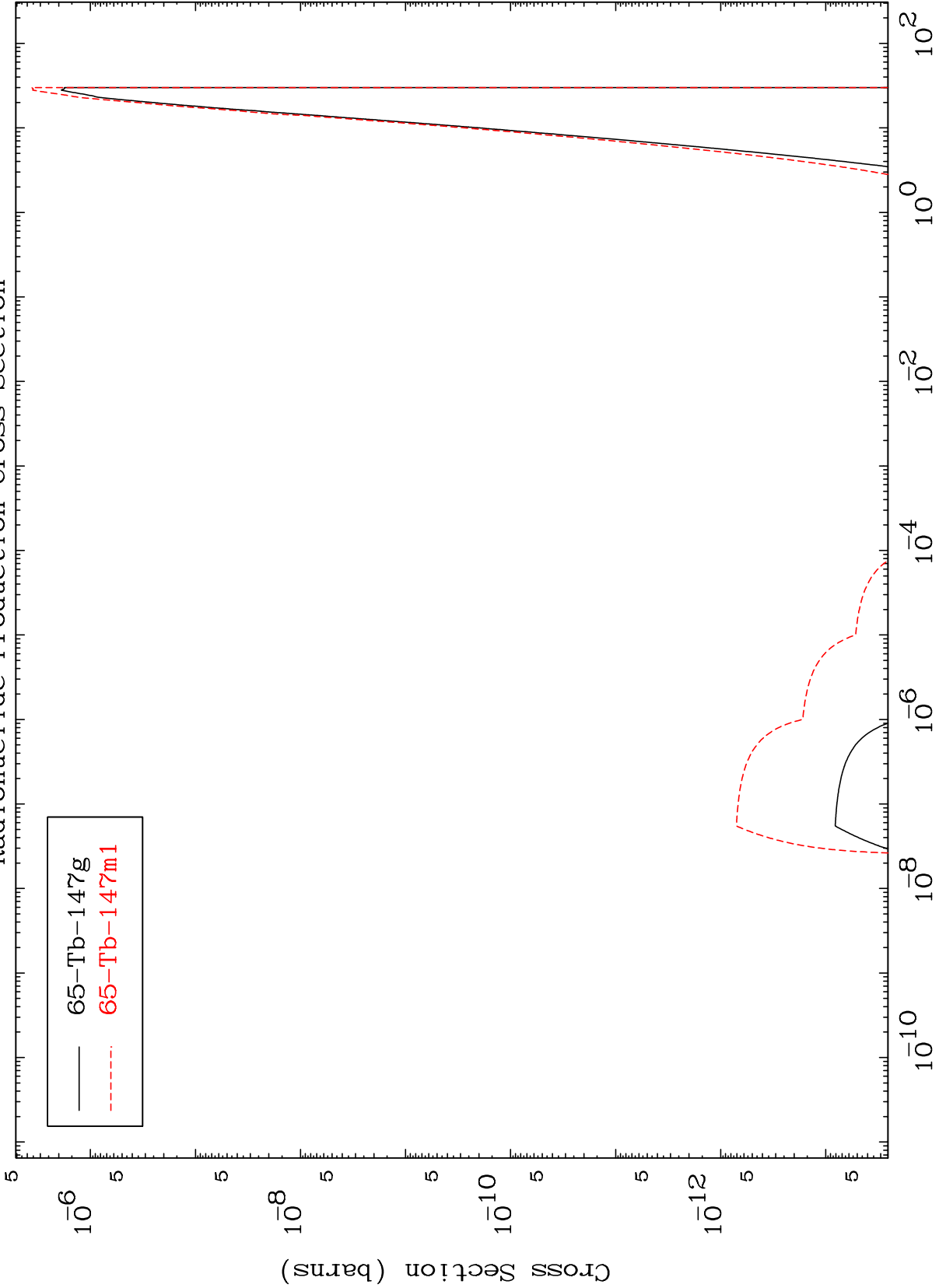
71-Lu-158

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(n,3α)

⁷¹Lu-158

Radionuclide Production Cross Section

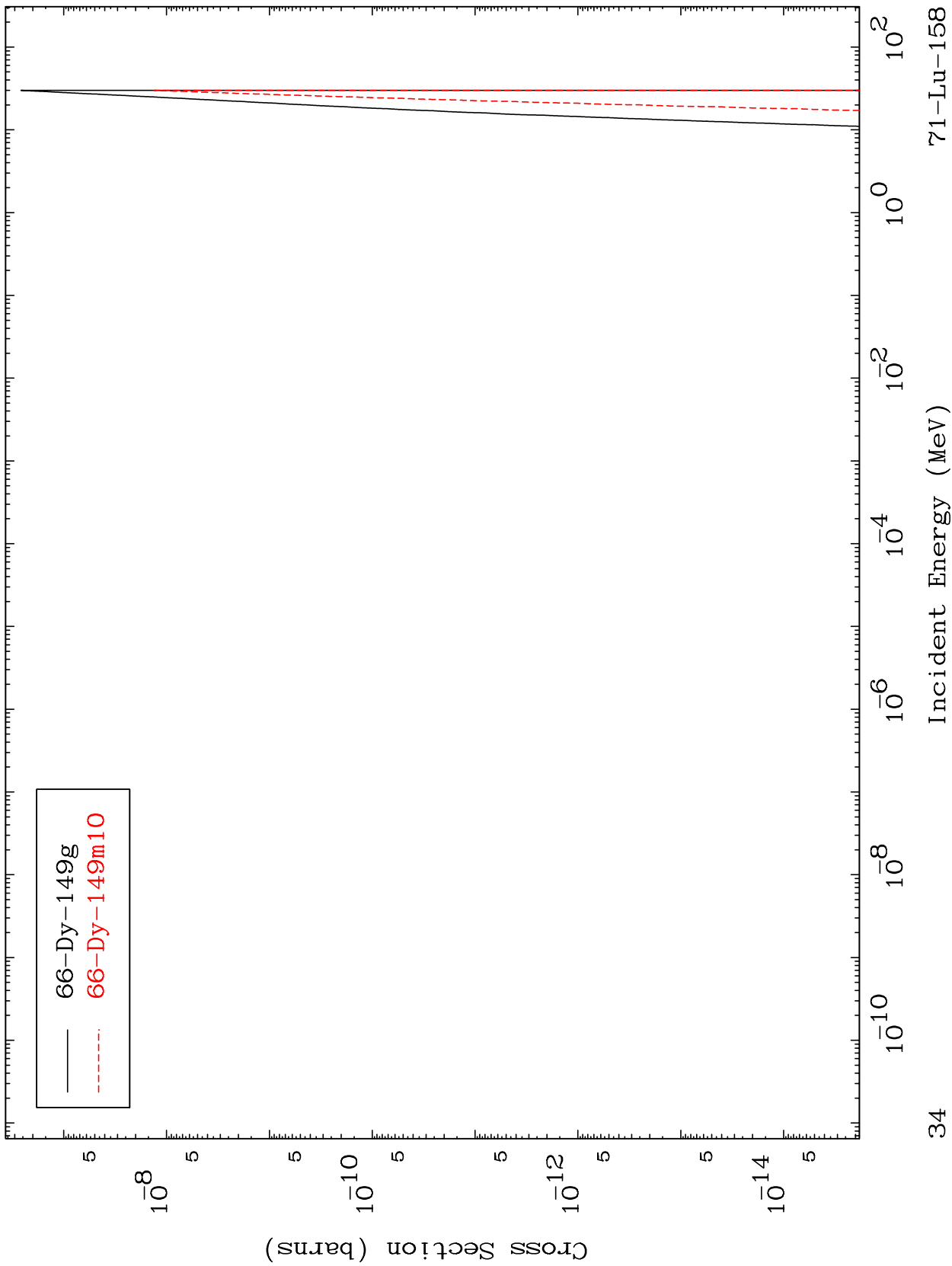


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(n,d) 2 α

⁷¹Lu-158

Radionuclide Production Cross Section

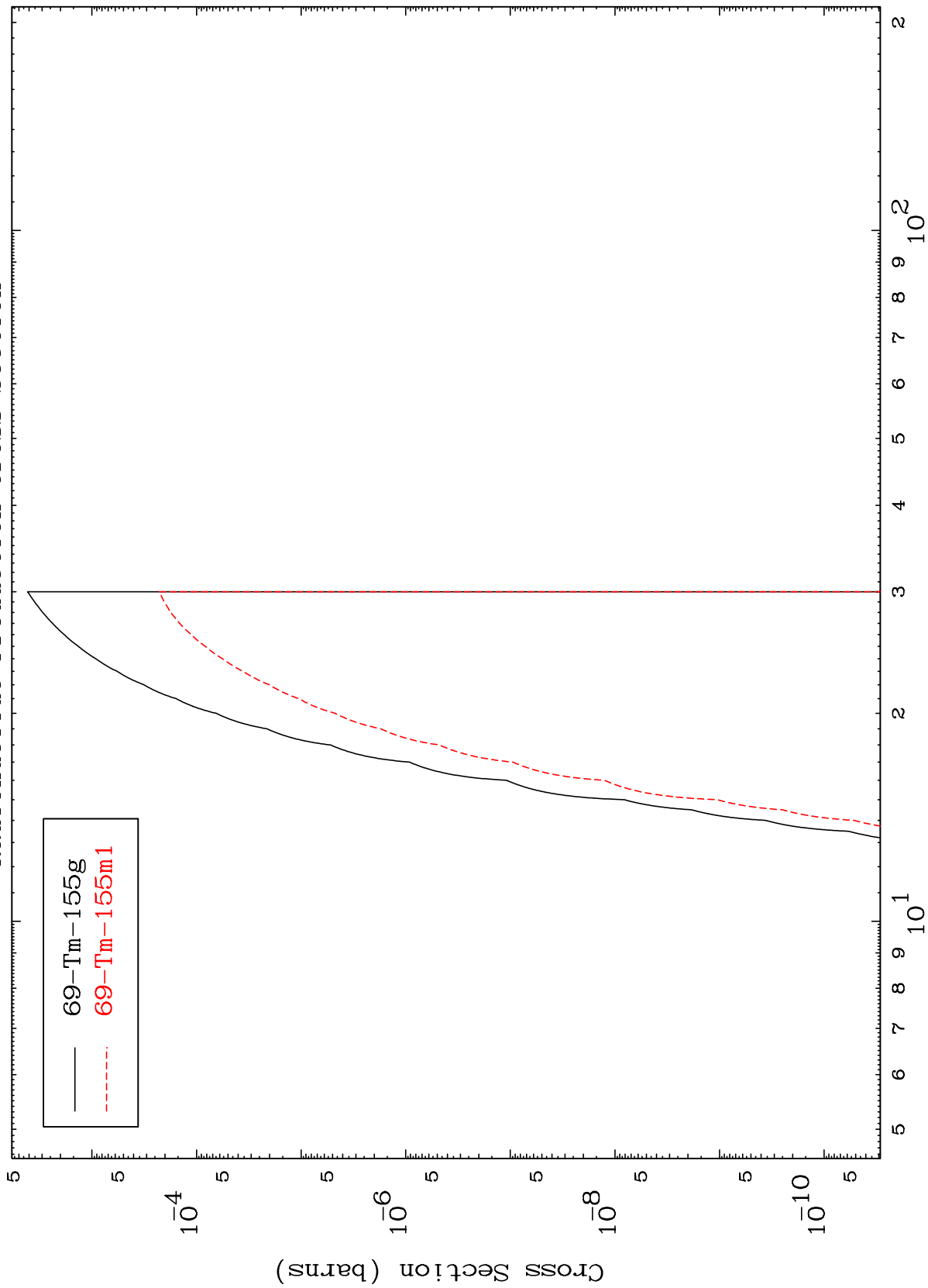


MAT 7074

(n,p) t

71-Lu-158

Radionuclide Production Cross Section



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Incident Energy (MeV)

71-Lu-158