

Program EVALPLOT
(Version 2018-1)

by

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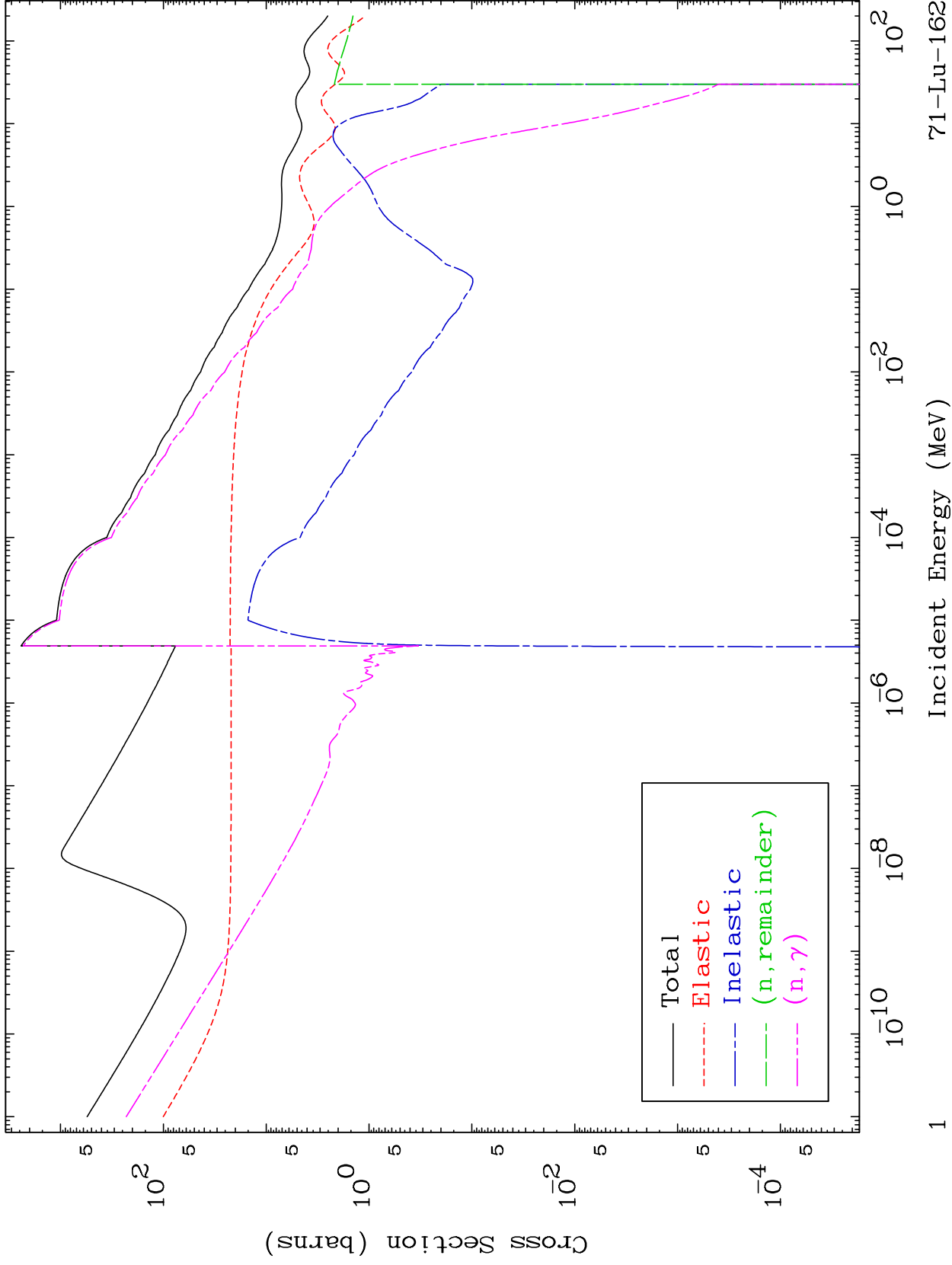
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7088

Major
293 Kelvin Cross Sections

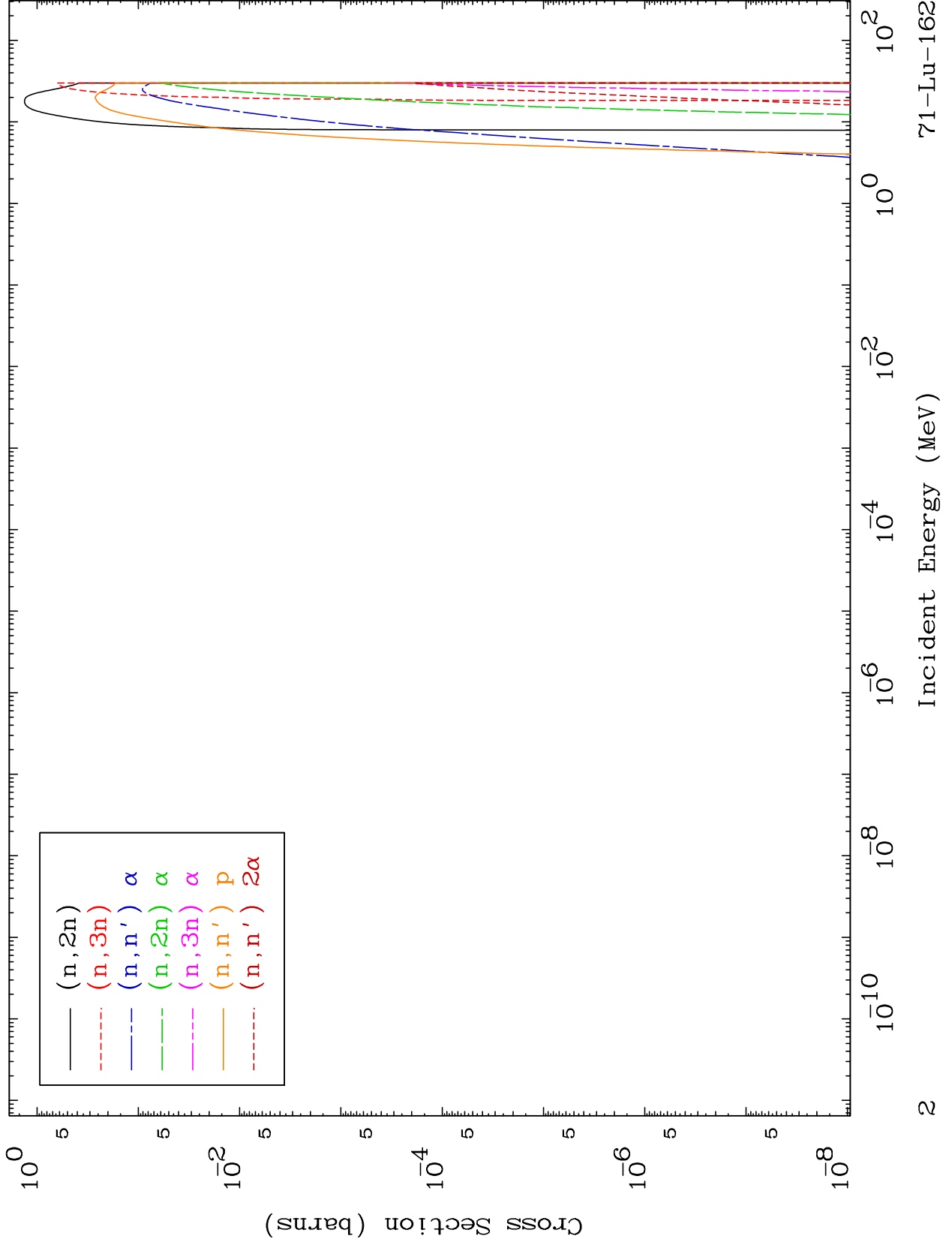
71-Lu-162



MAT 7088

Neutron Production
293 Kelvin Cross Sections

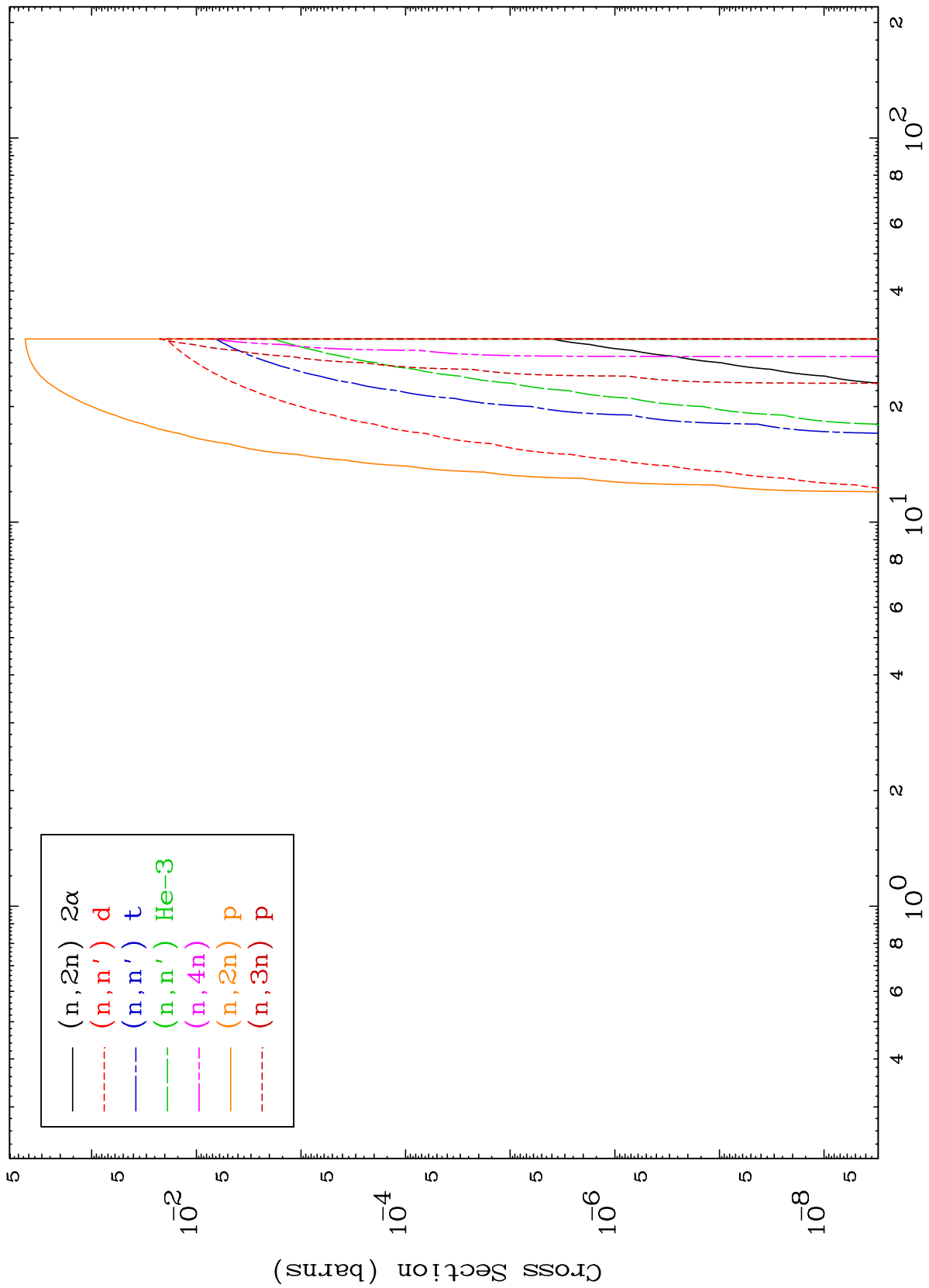
71-Lu-162



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Neutron Production
293 Kelvin Cross Sections

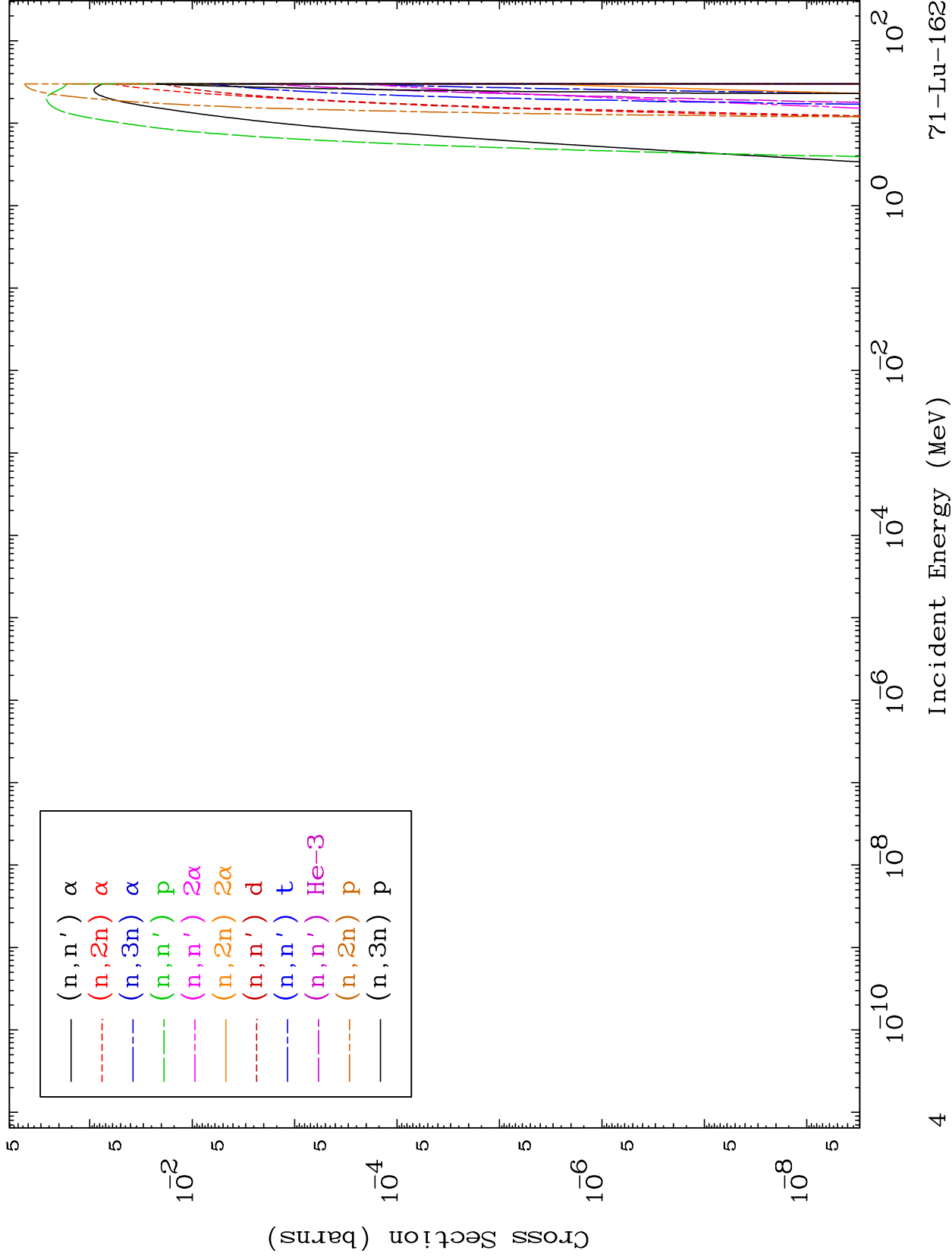
71-Lu-162



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Charged Particle
293 Kelvin Cross Sections

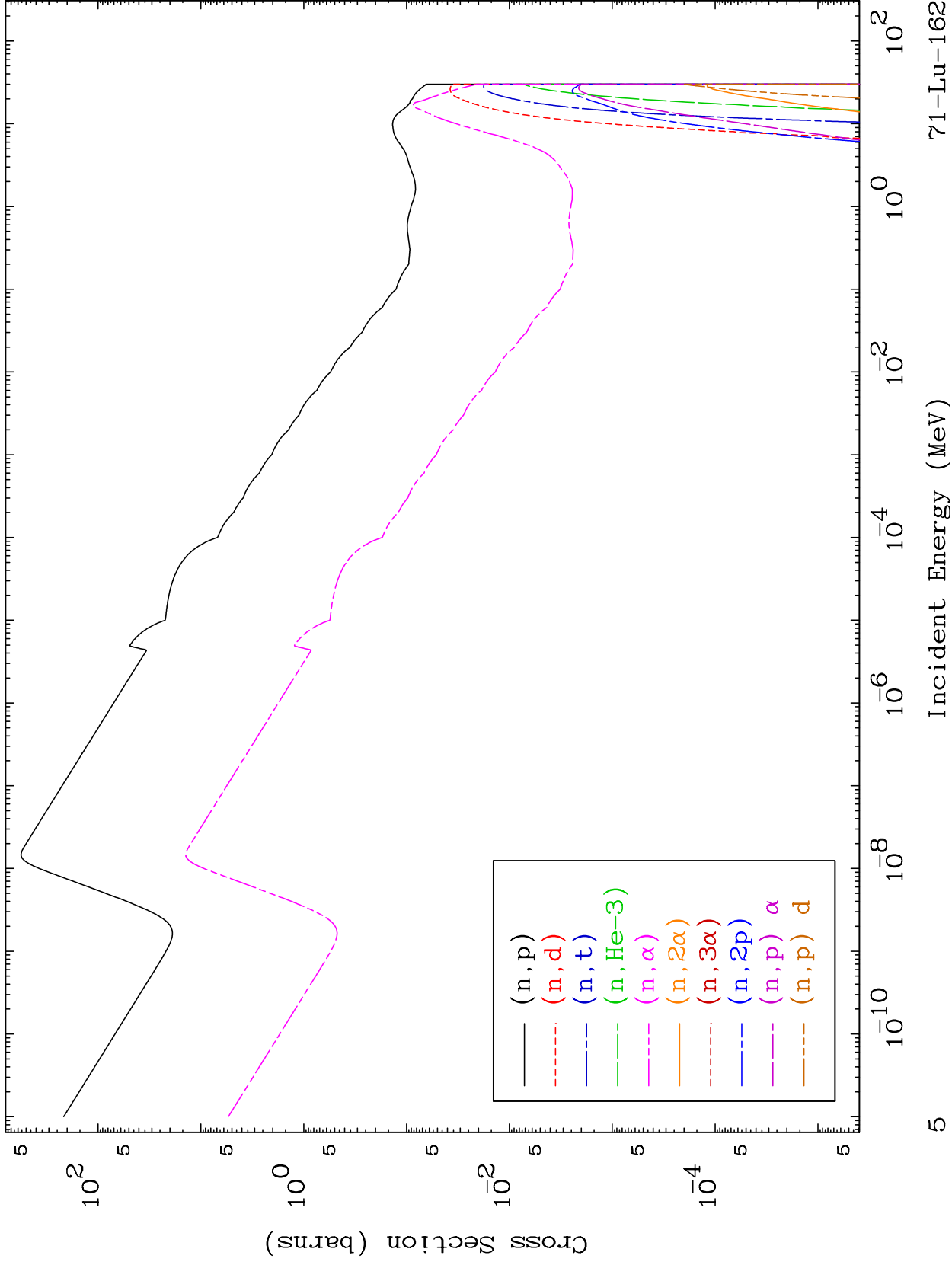
71-Lu-162

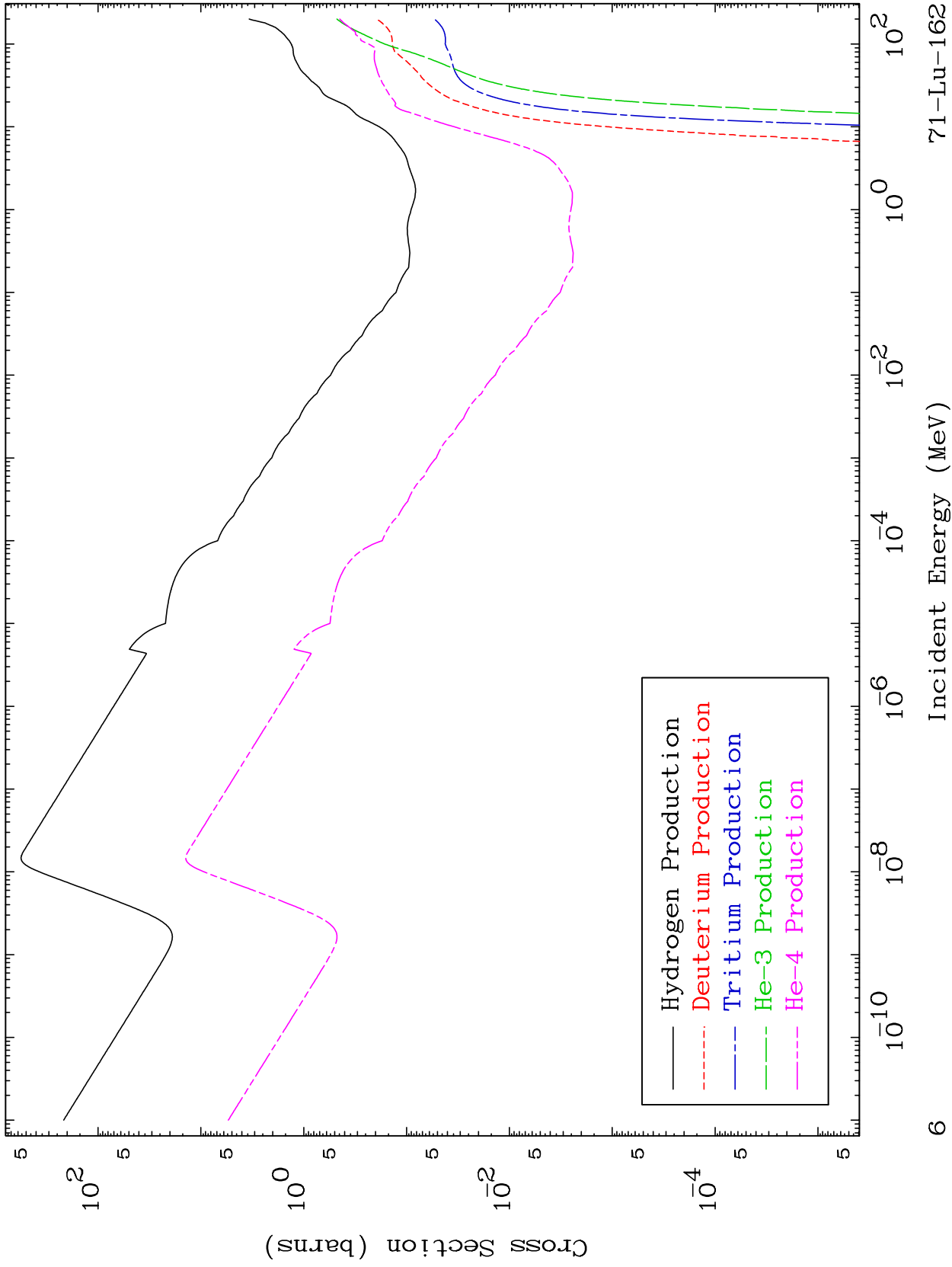


MAT 7088

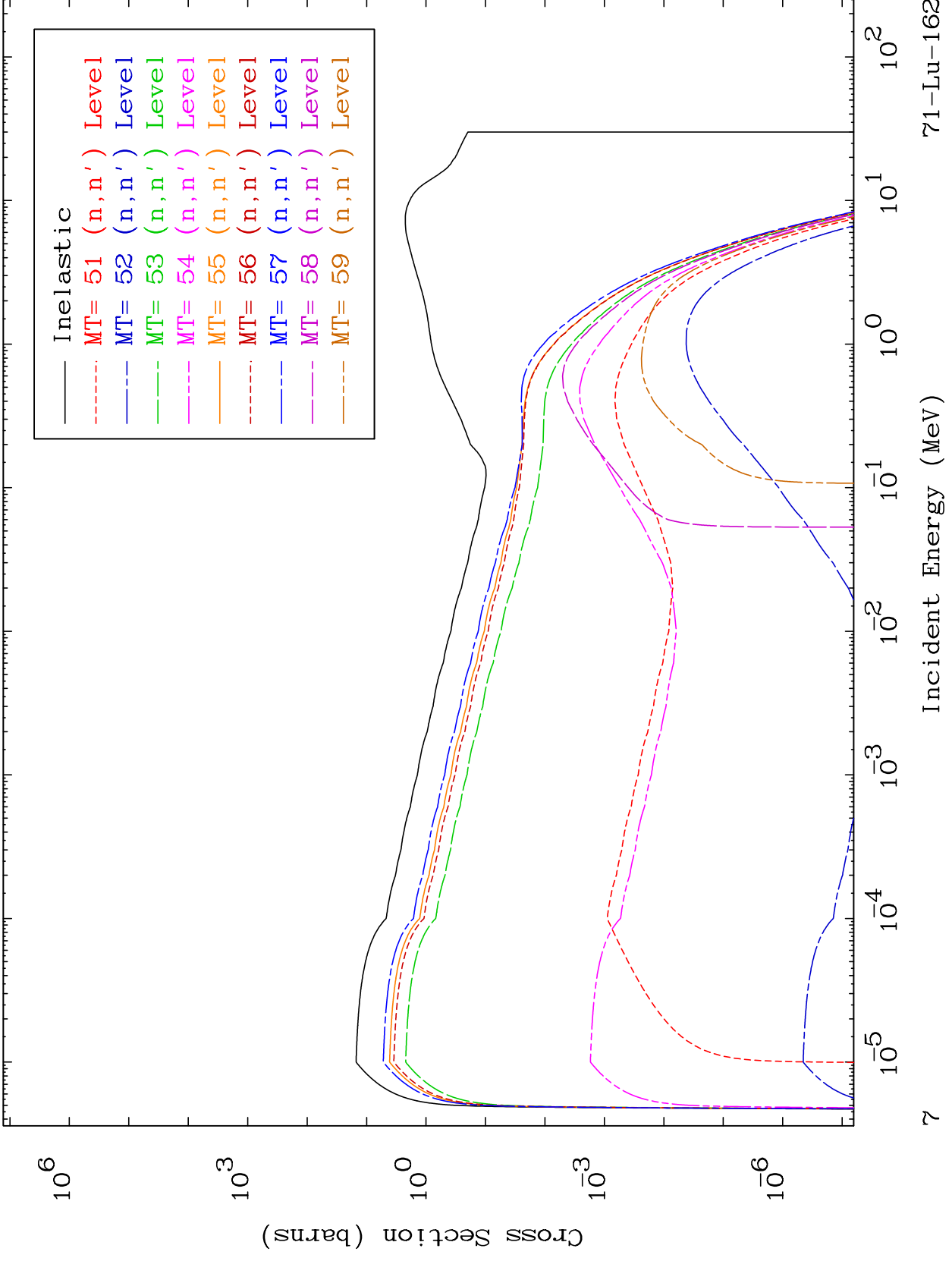
Charged Particle
293 Kelvin Cross Sections

71-Lu-162





293 Kelvin Cross Sections

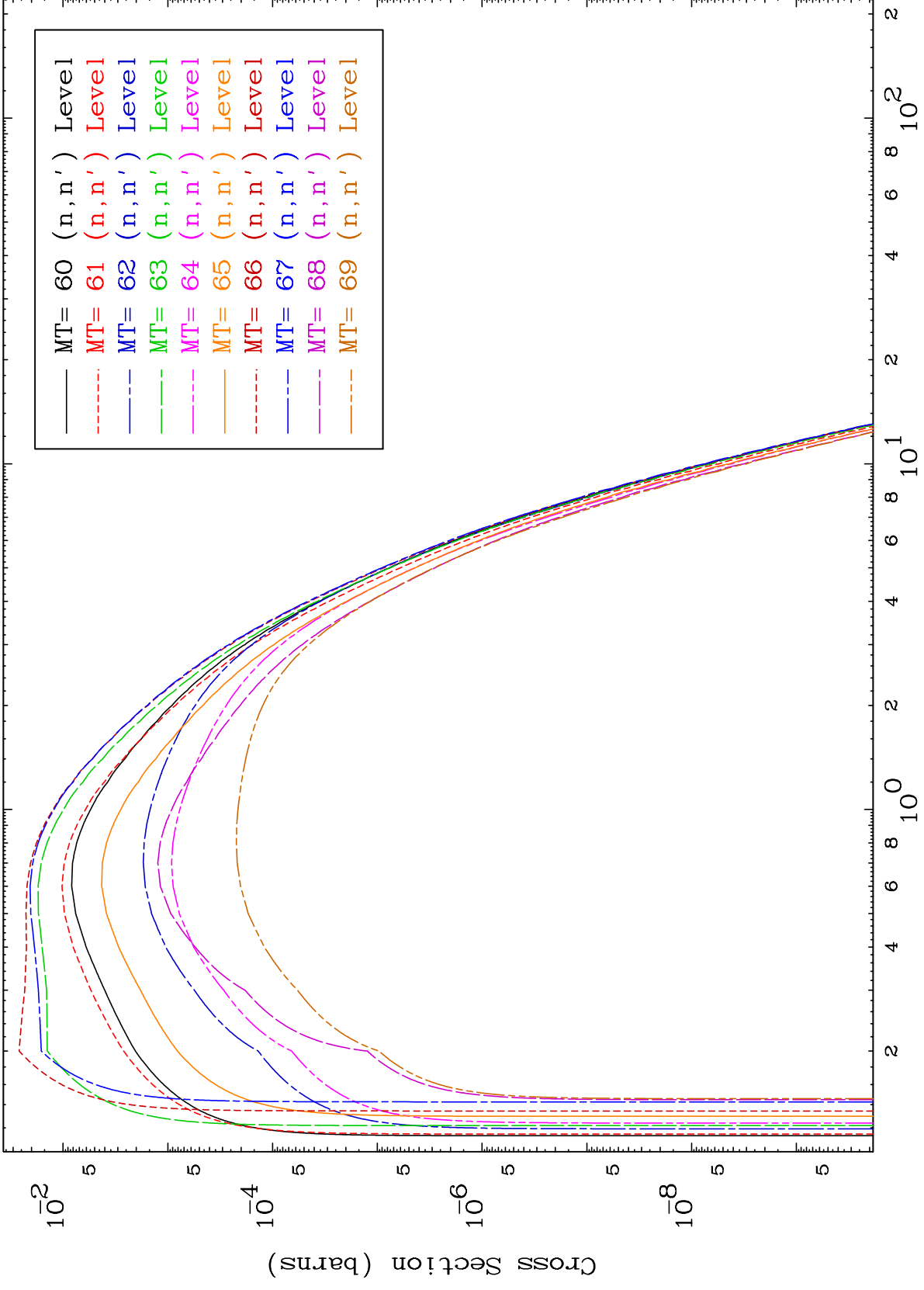


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(n,n') Level

71-Lu-162

293 Kelvin Cross Sections



8

Incident Energy (MeV)

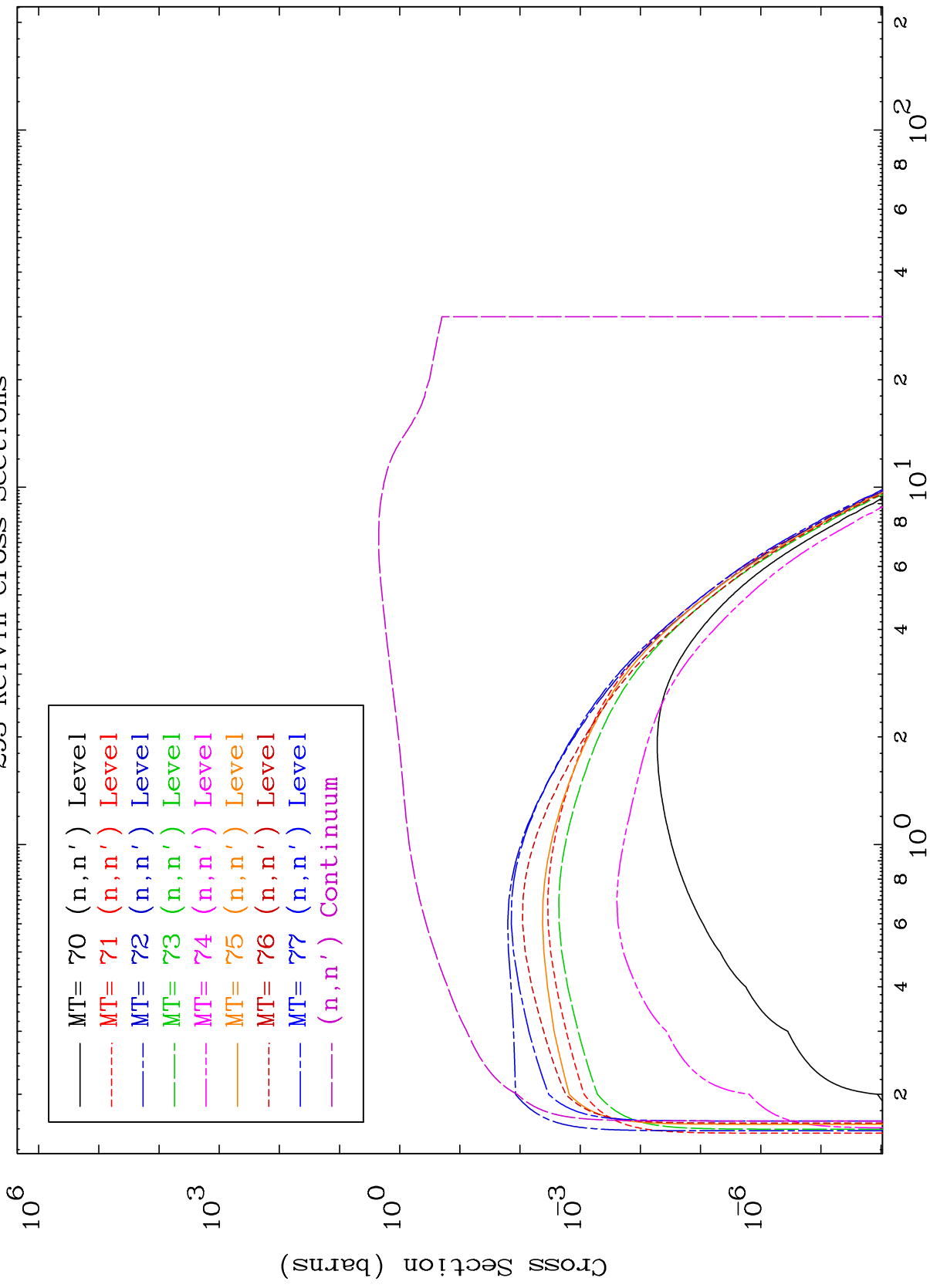
71-Lu-162

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(n,n') Level

71-Lu-162

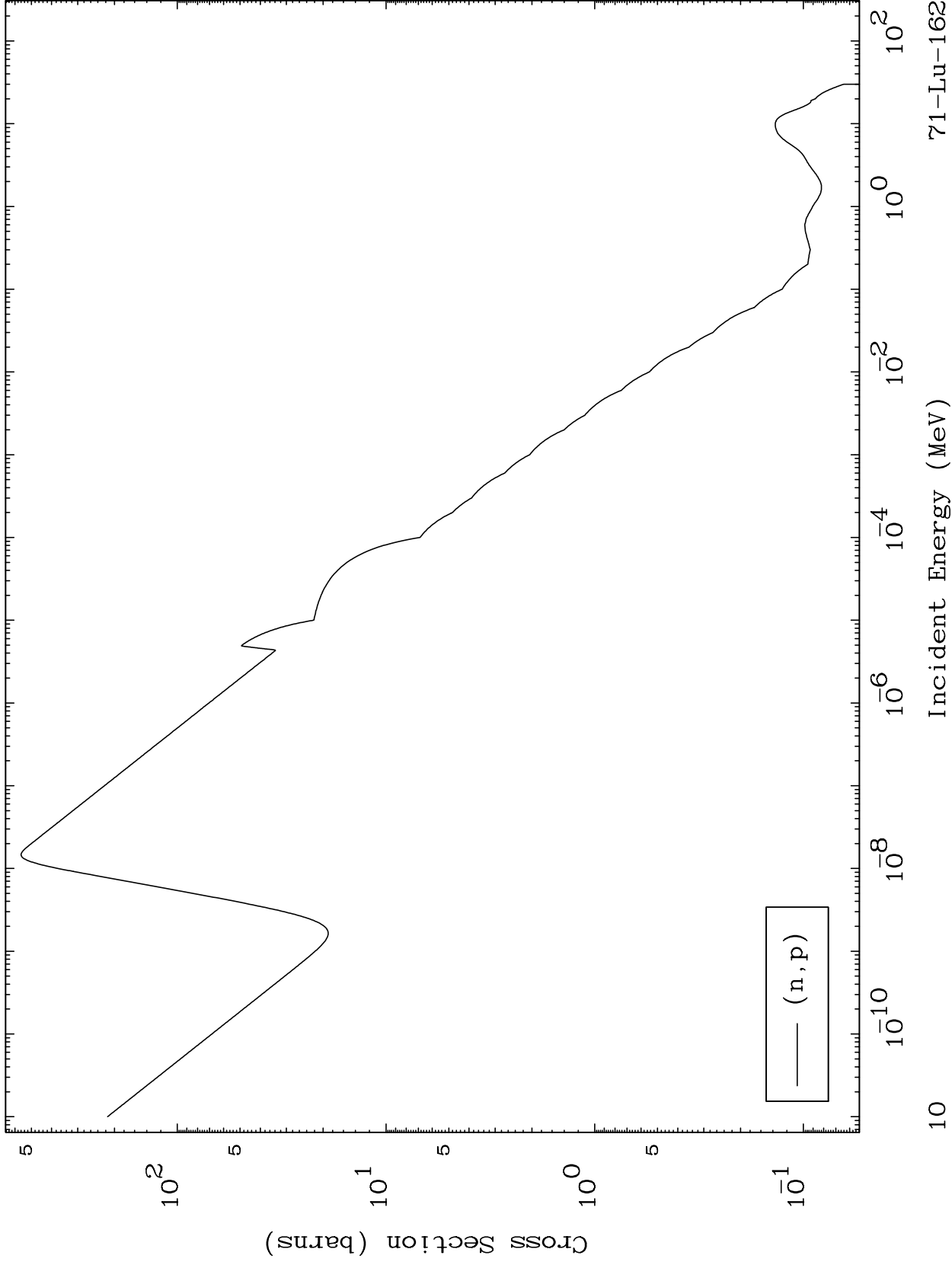
293 Kelvin Cross Sections



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(n,p) Levels
293 Kelvin Cross Sections

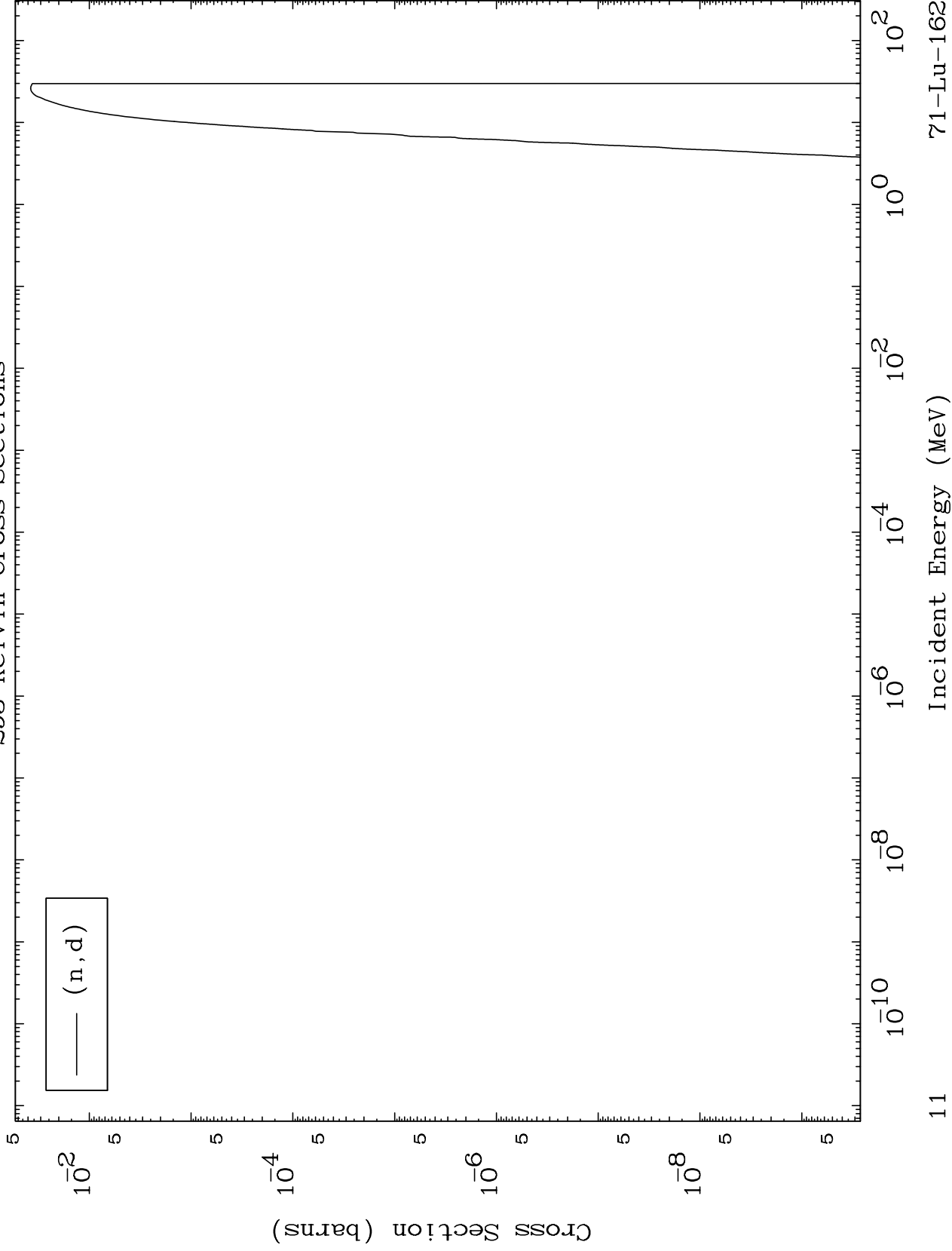
71-Lu-162



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(n,d) Levels
293 Kelvin Cross Sections

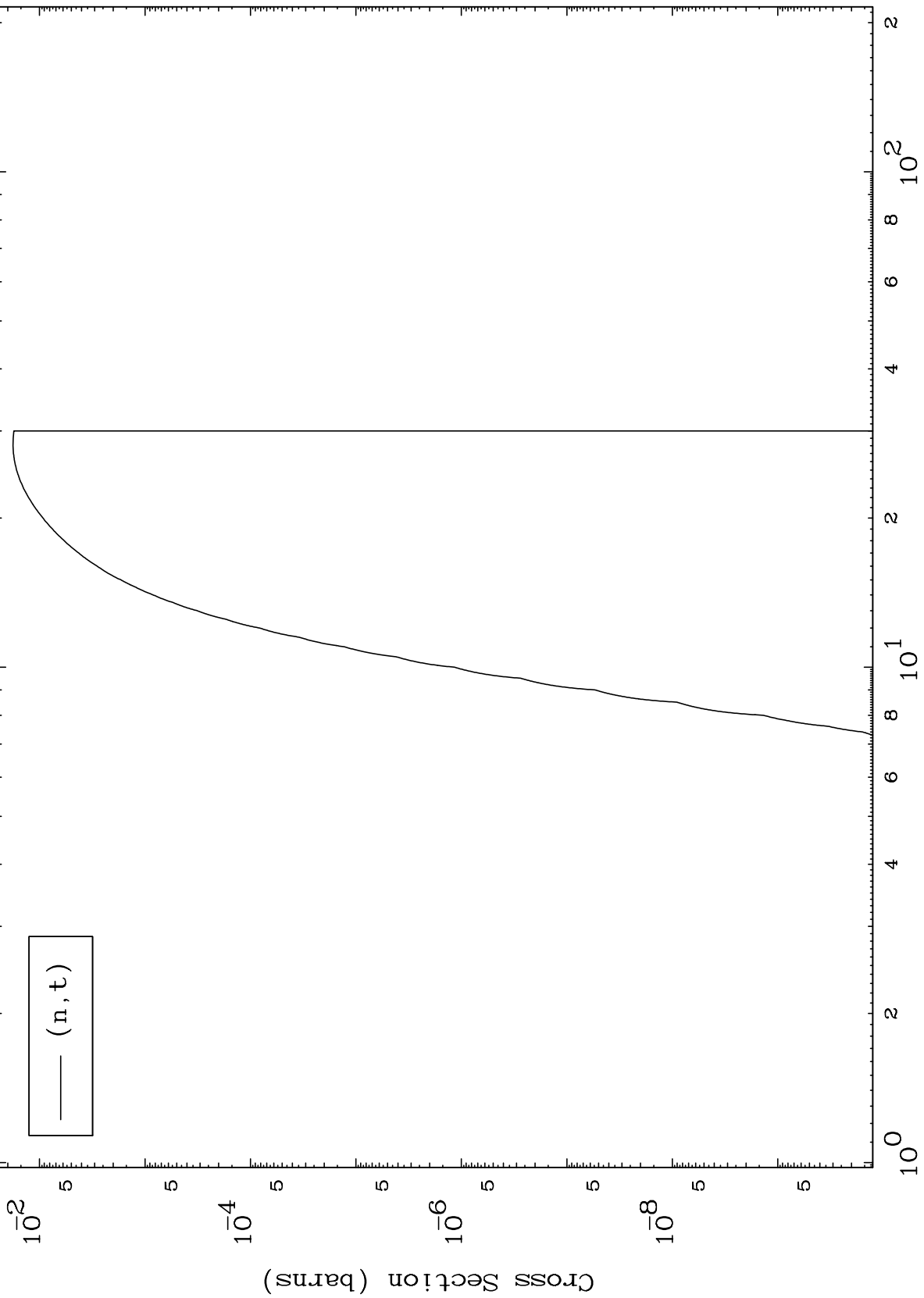
71-Lu-162



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(n,t) Levels
293 Kelvin Cross Sections

71-Lu-162



(n,t)

Incident Energy (MeV)

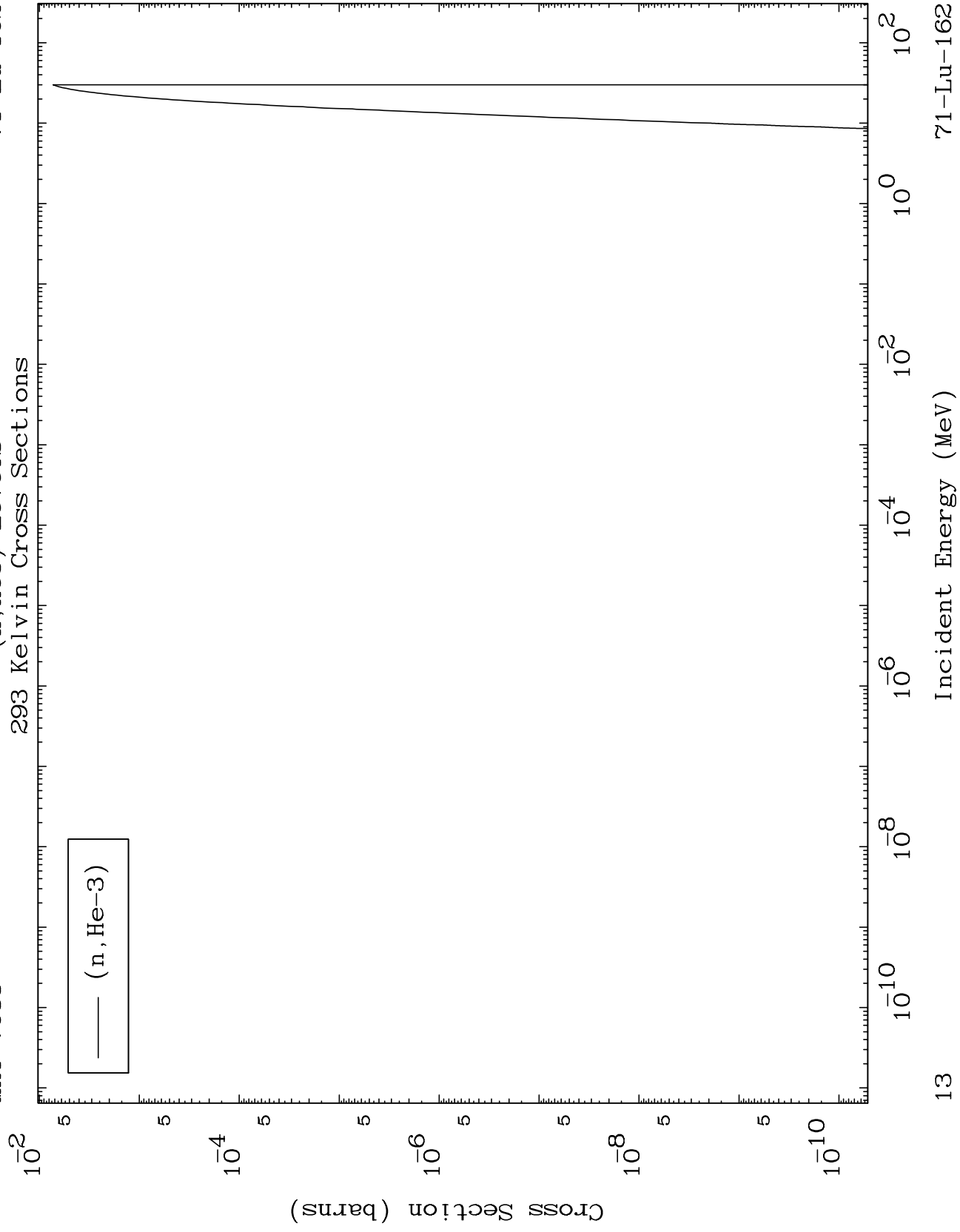
71-Lu-162

12

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(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-162



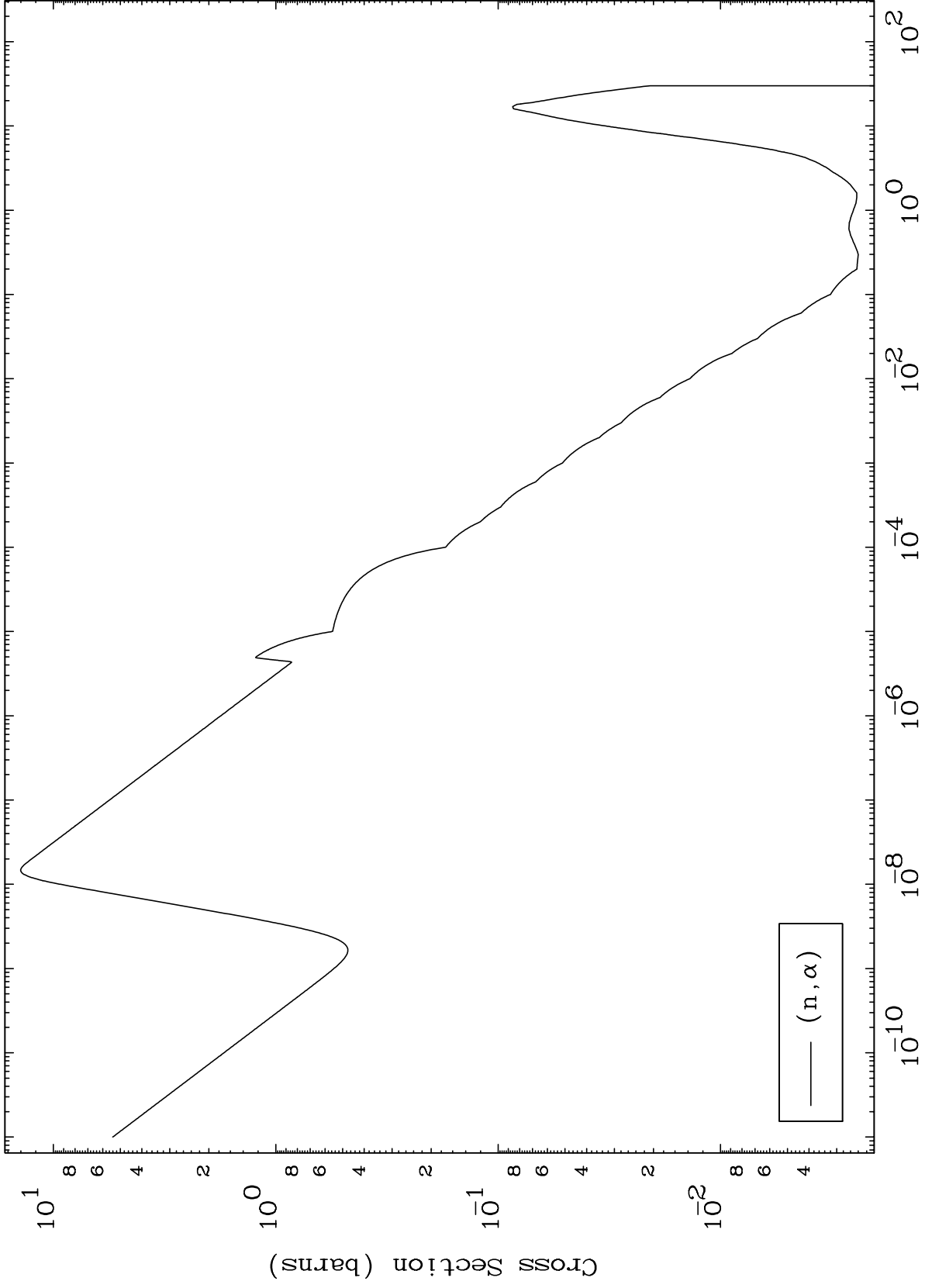
13

71-Lu-162

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(n, α) Levels
293 Kelvin Cross Sections

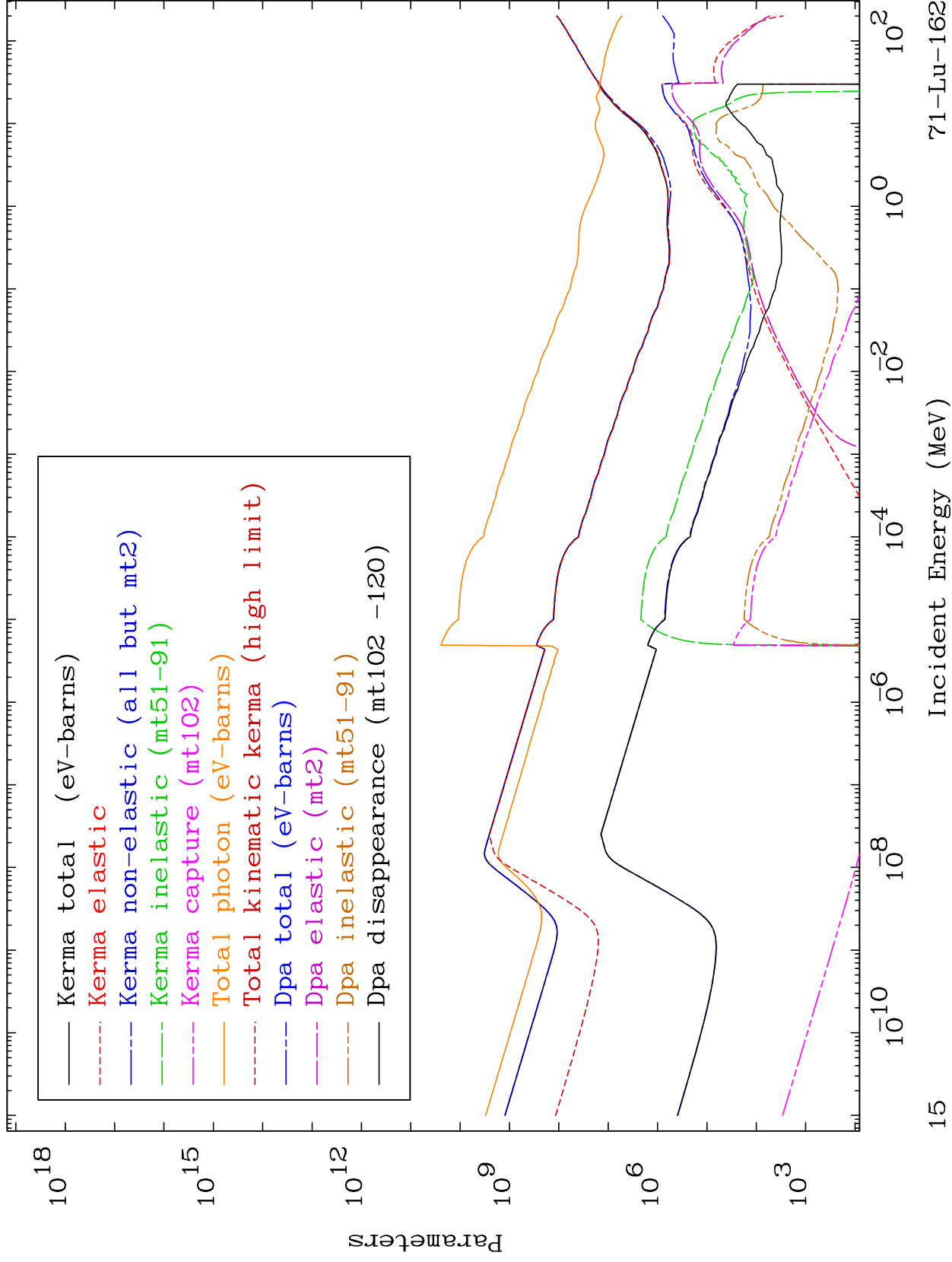
71-Lu-162

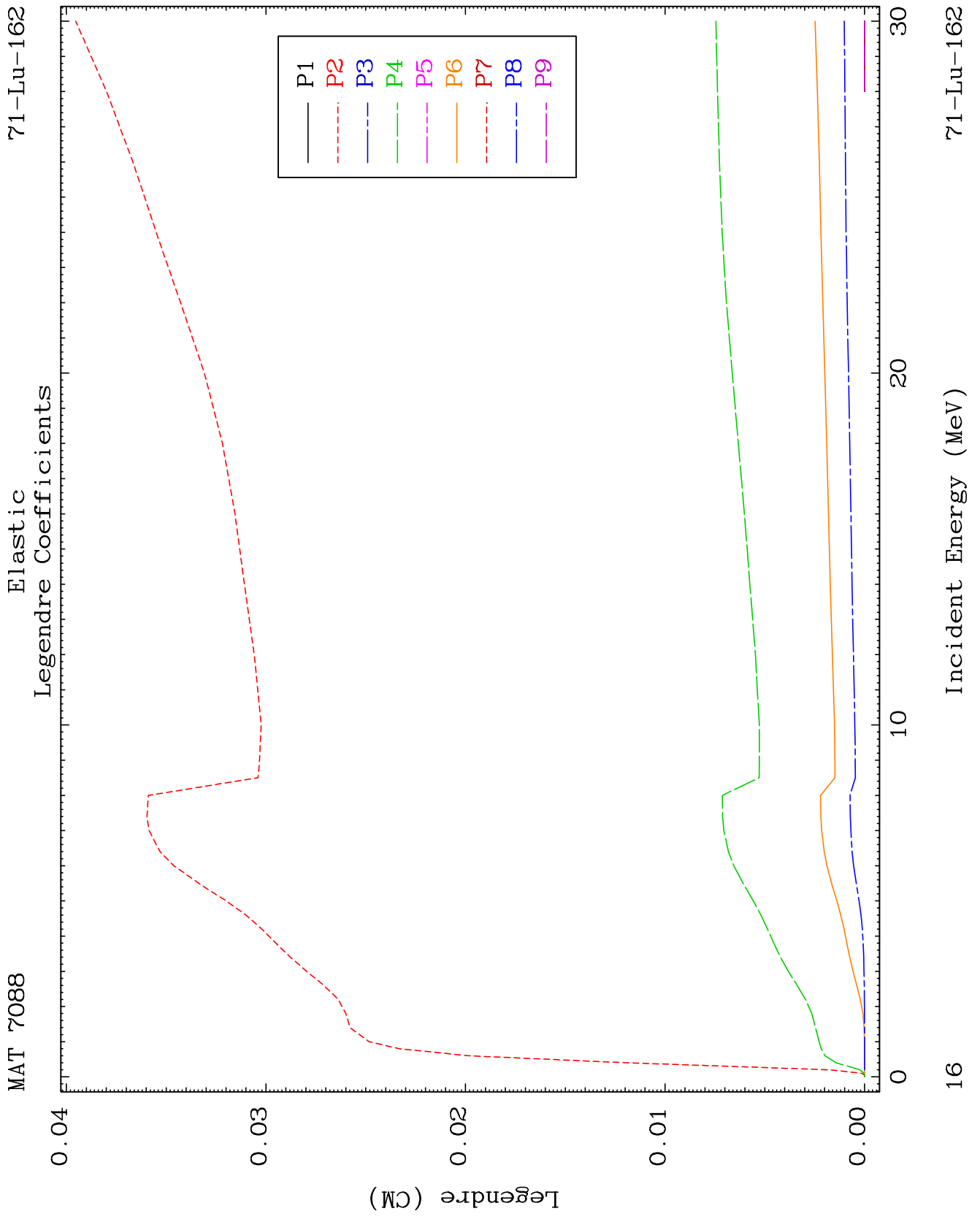


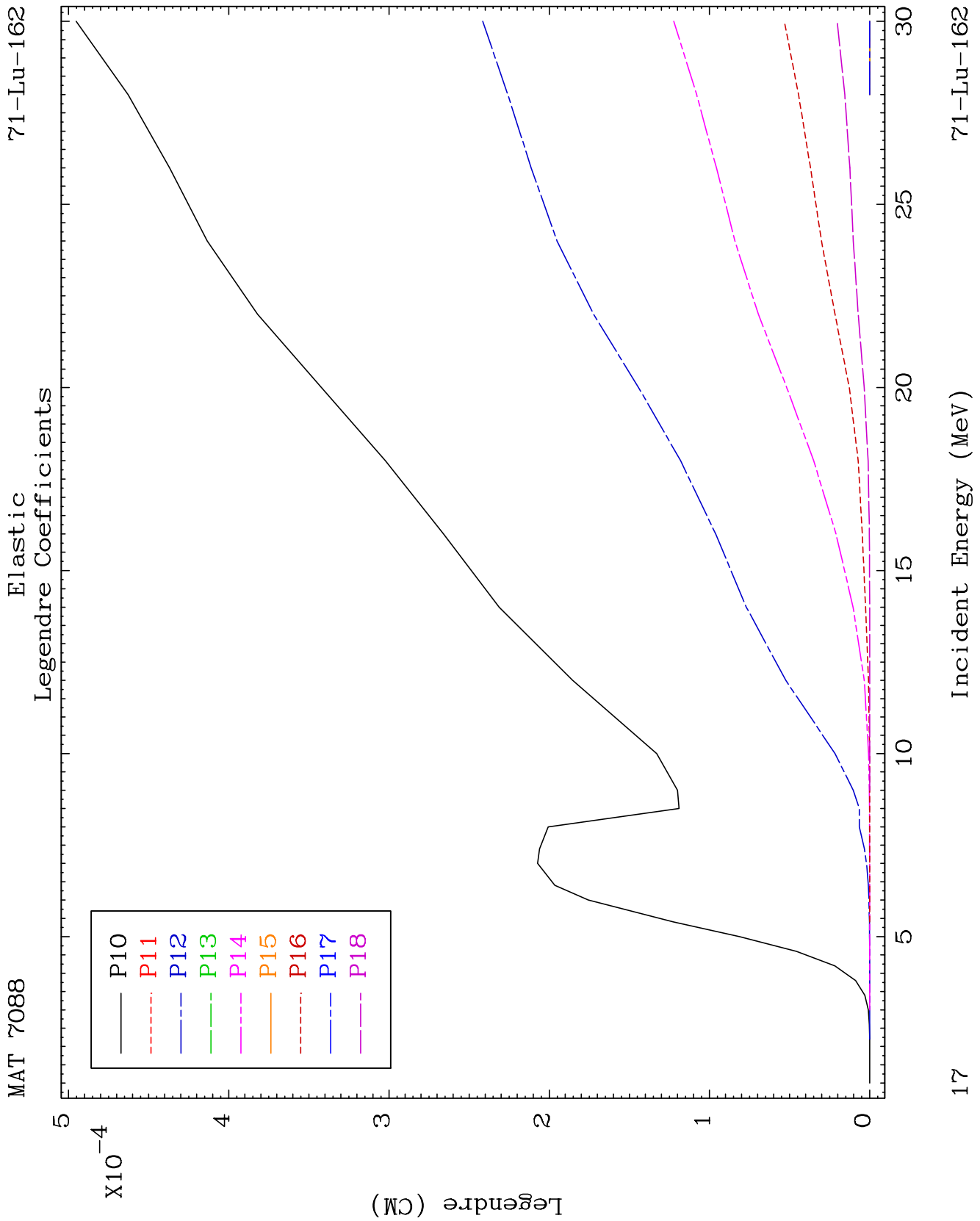
14

Incident Energy (MeV)

71-Lu-162



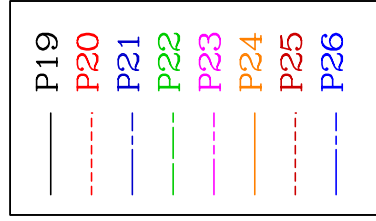




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Elastic
Legendre Coefficients

⁷¹Lu-162



$\times 10^{-66}$

Legendre (CM)

4

2

0

15

20

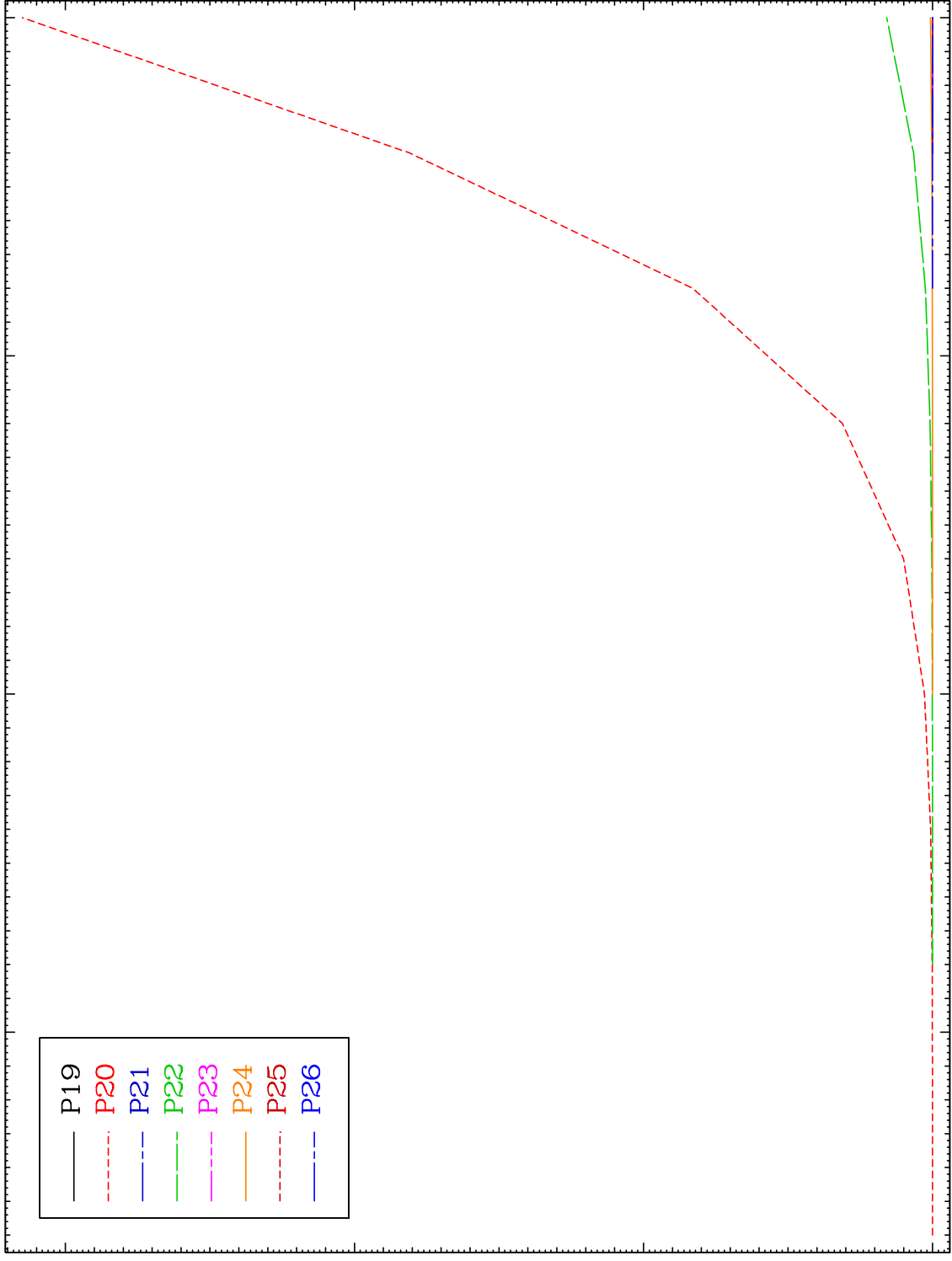
25

30

18

Incident Energy (MeV)

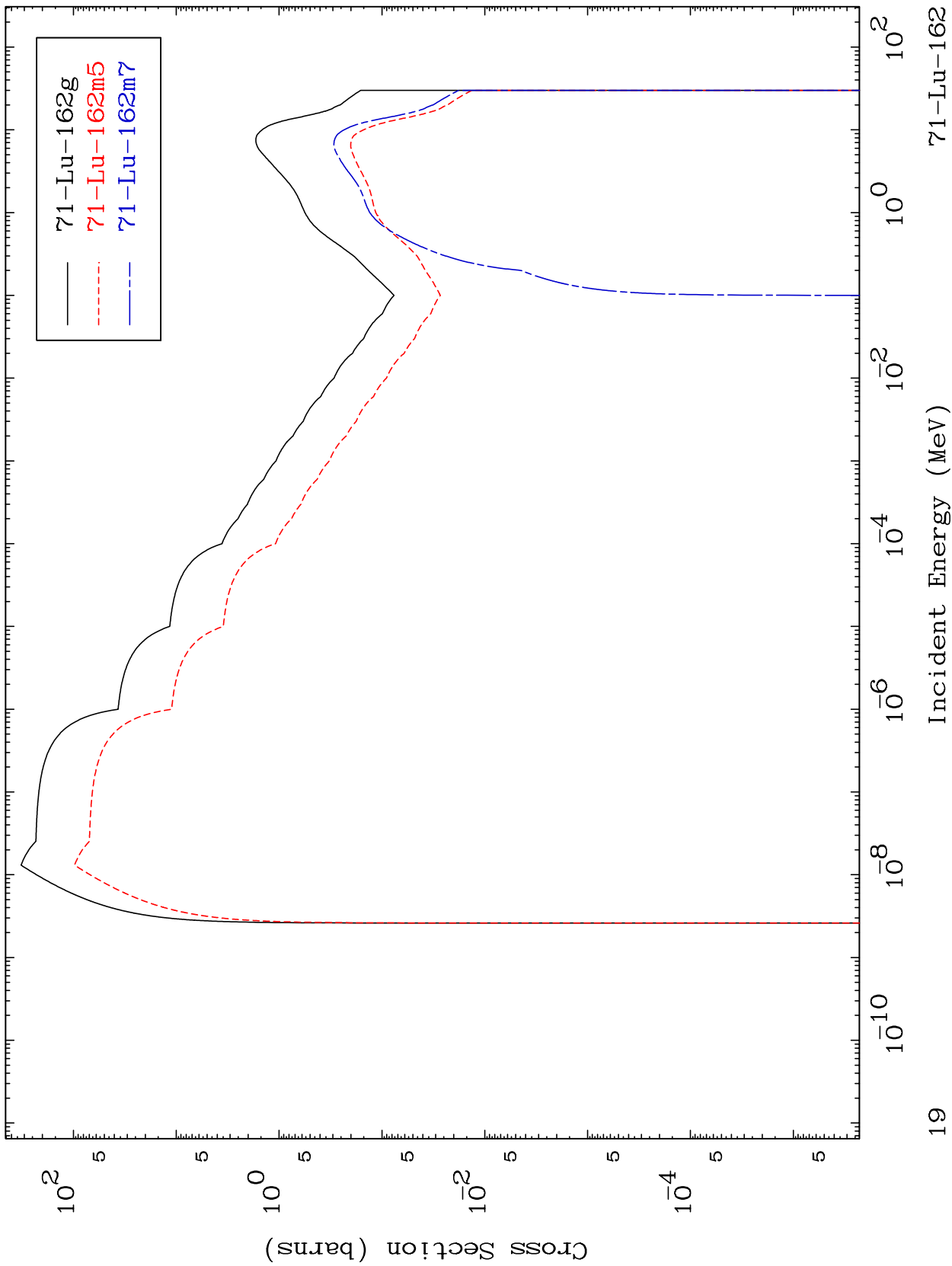
⁷¹Lu-162



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71-Lu-162

Inelastic
Radionuclide Production Cross Section

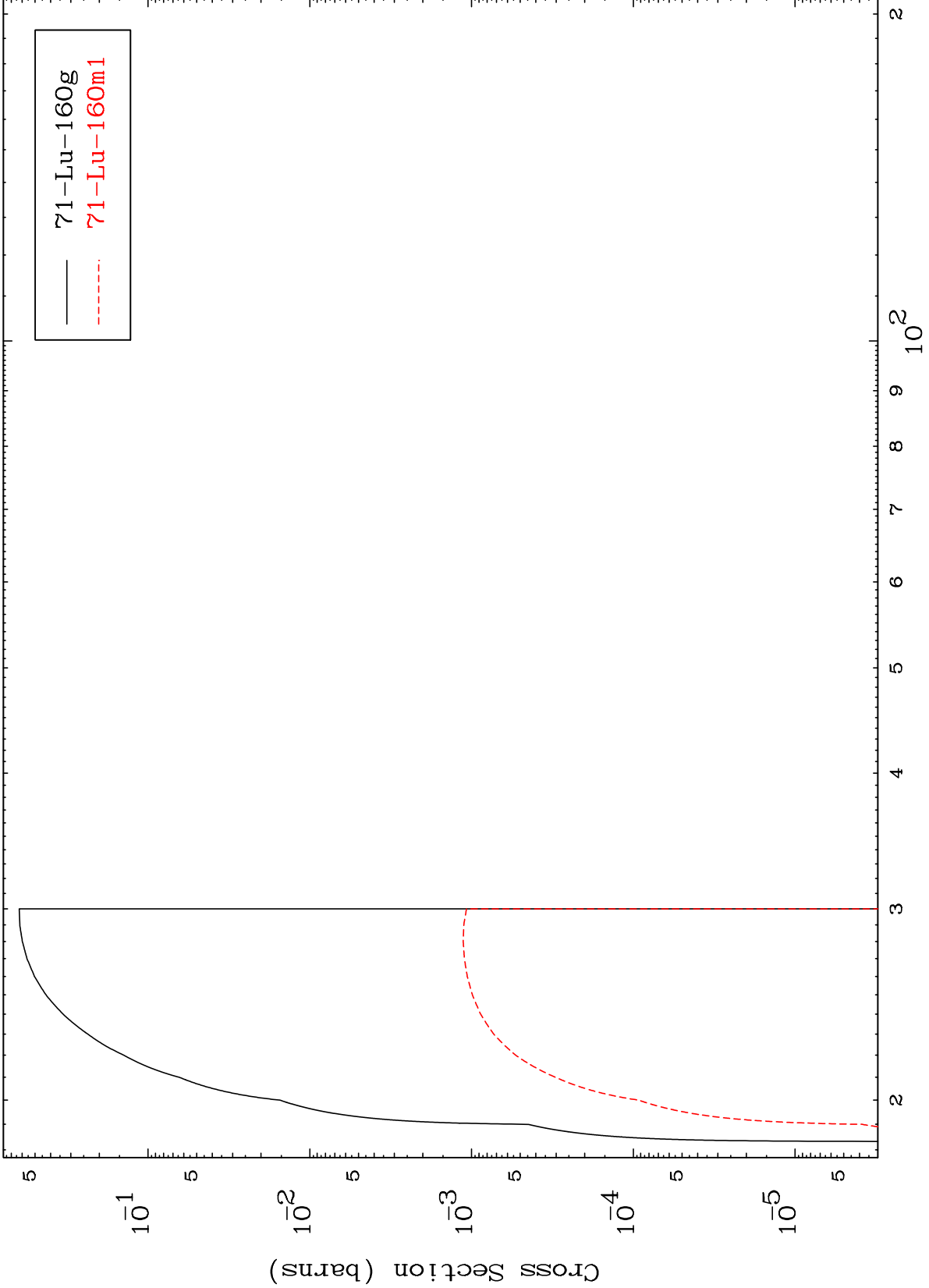


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(n,3n)

⁷¹Lu-162

Radionuclide Production Cross Section



20

Incident Energy (MeV)

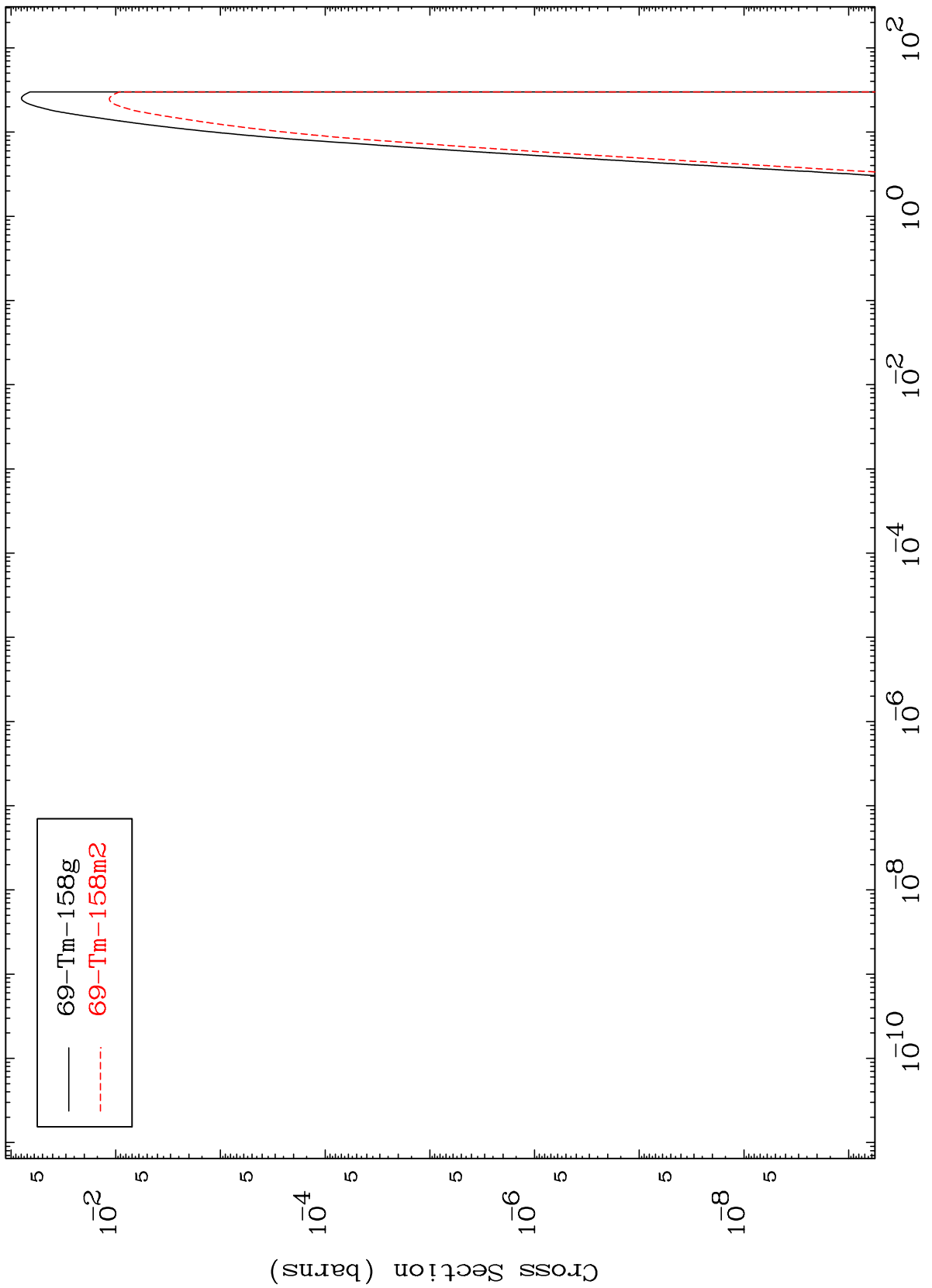
⁷¹Lu-162

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$(n, n') \alpha$

71-Lu-162

Radionuclide Production Cross Section

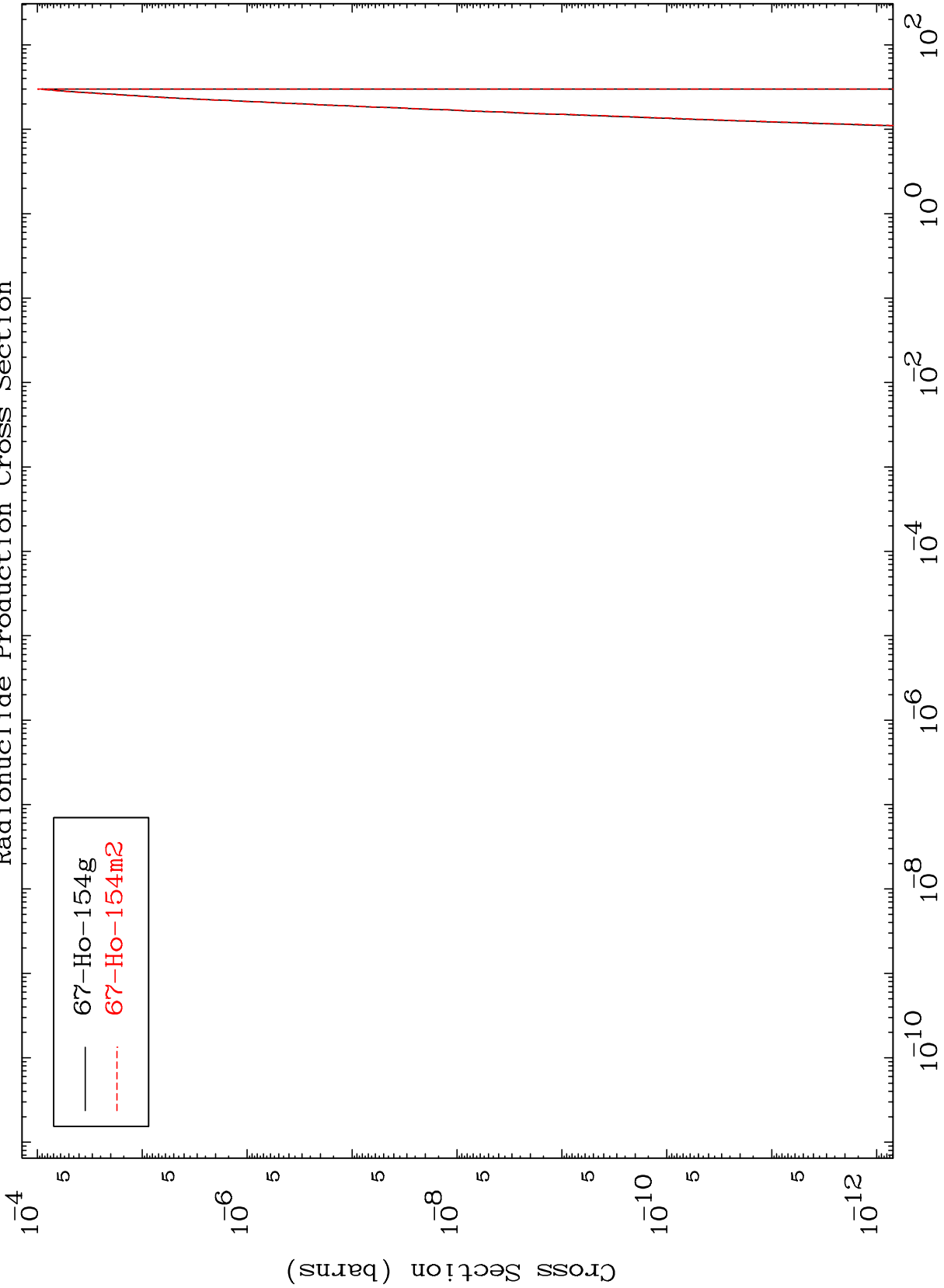


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(n,n') 2α

71-Lu-162

Radionuclide Production Cross Section

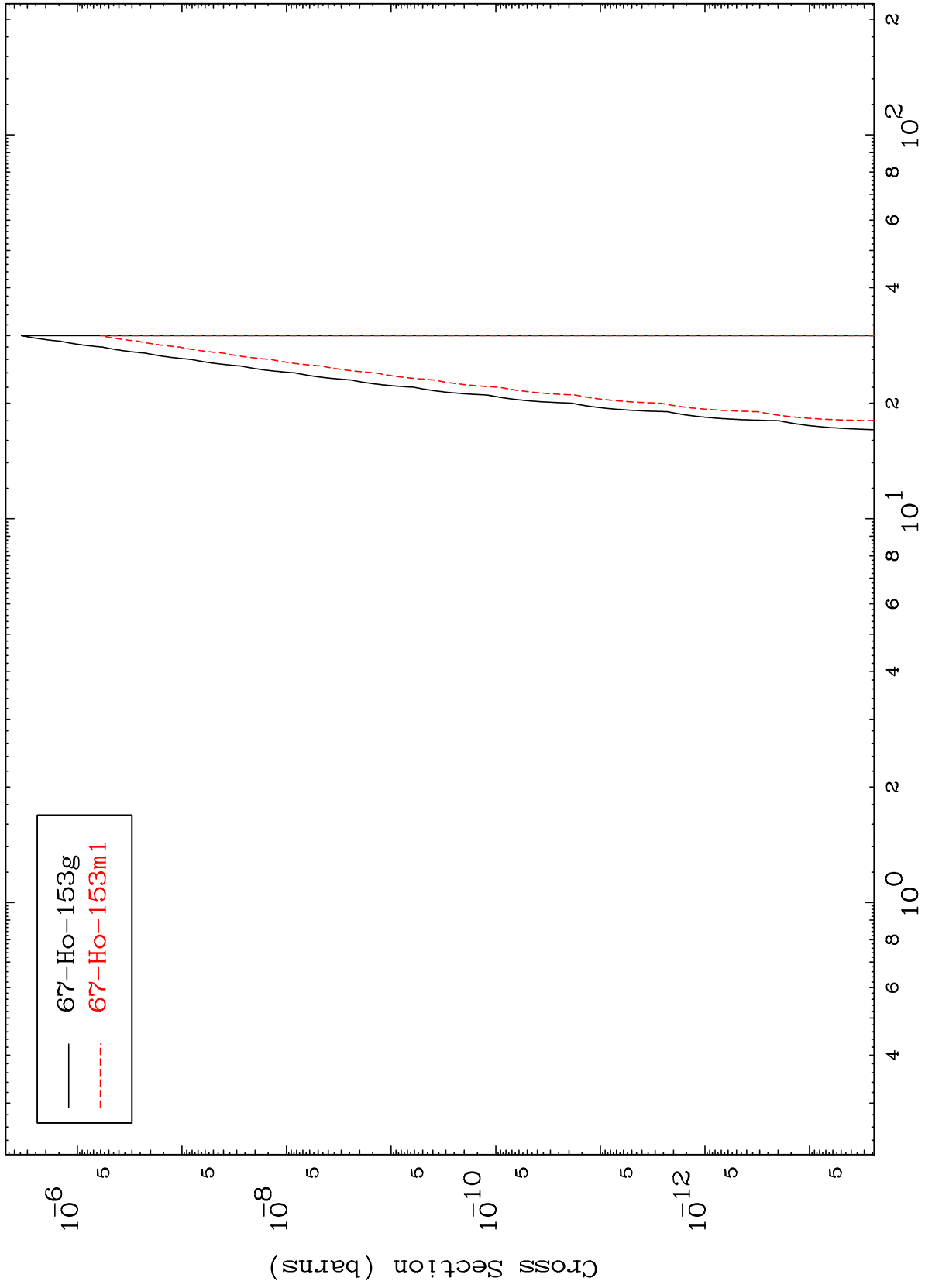


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(n,2n) 2α

71-Lu-162

Radionuclide Production Cross Section

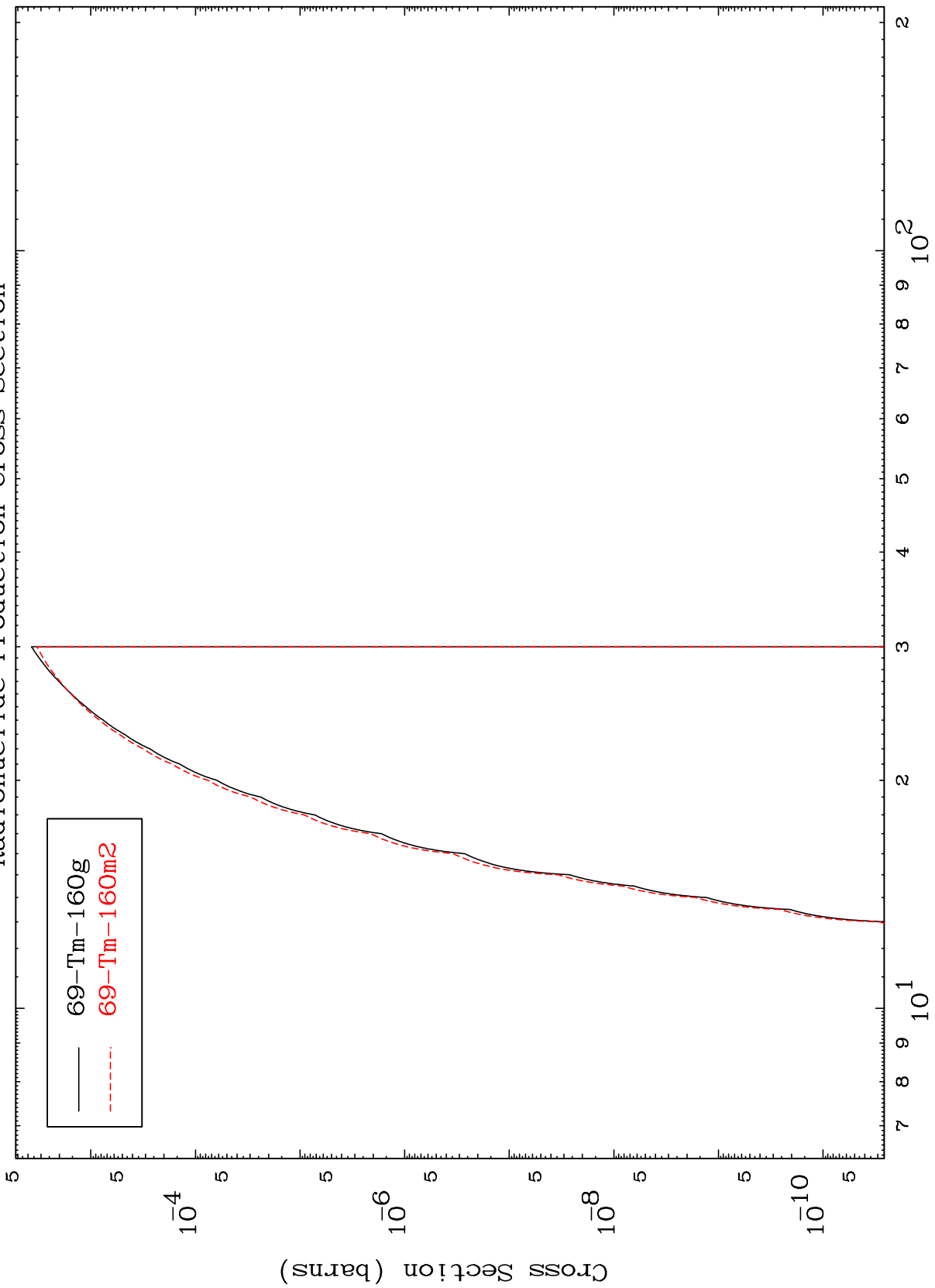


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(n,2n) p

⁷¹Lu-162

Radionuclide Production Cross Section



24

Incident Energy (MeV)

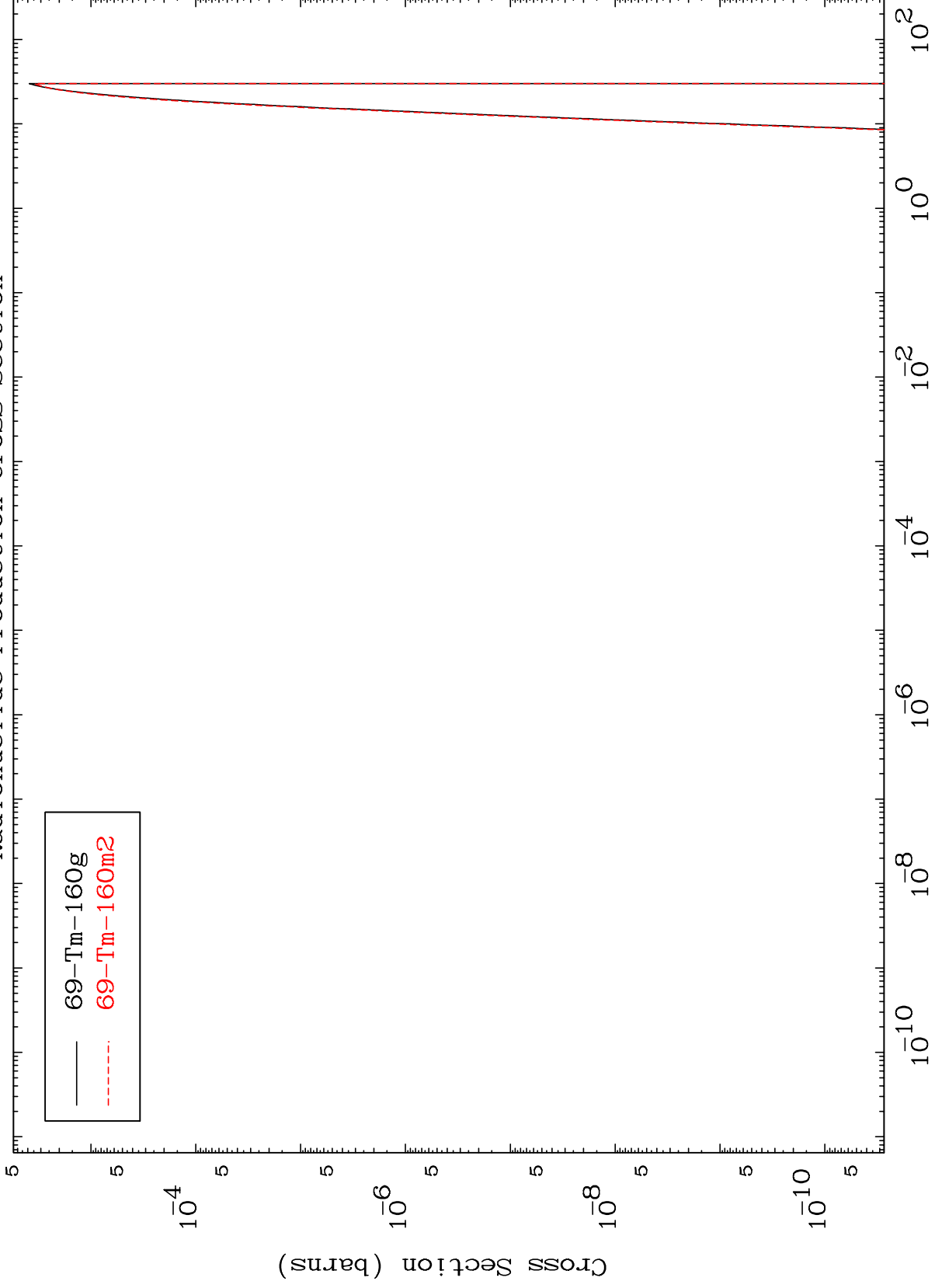
⁷¹Lu-162

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(n,He-3)

71-Lu-162

Radionuclide Production Cross Section



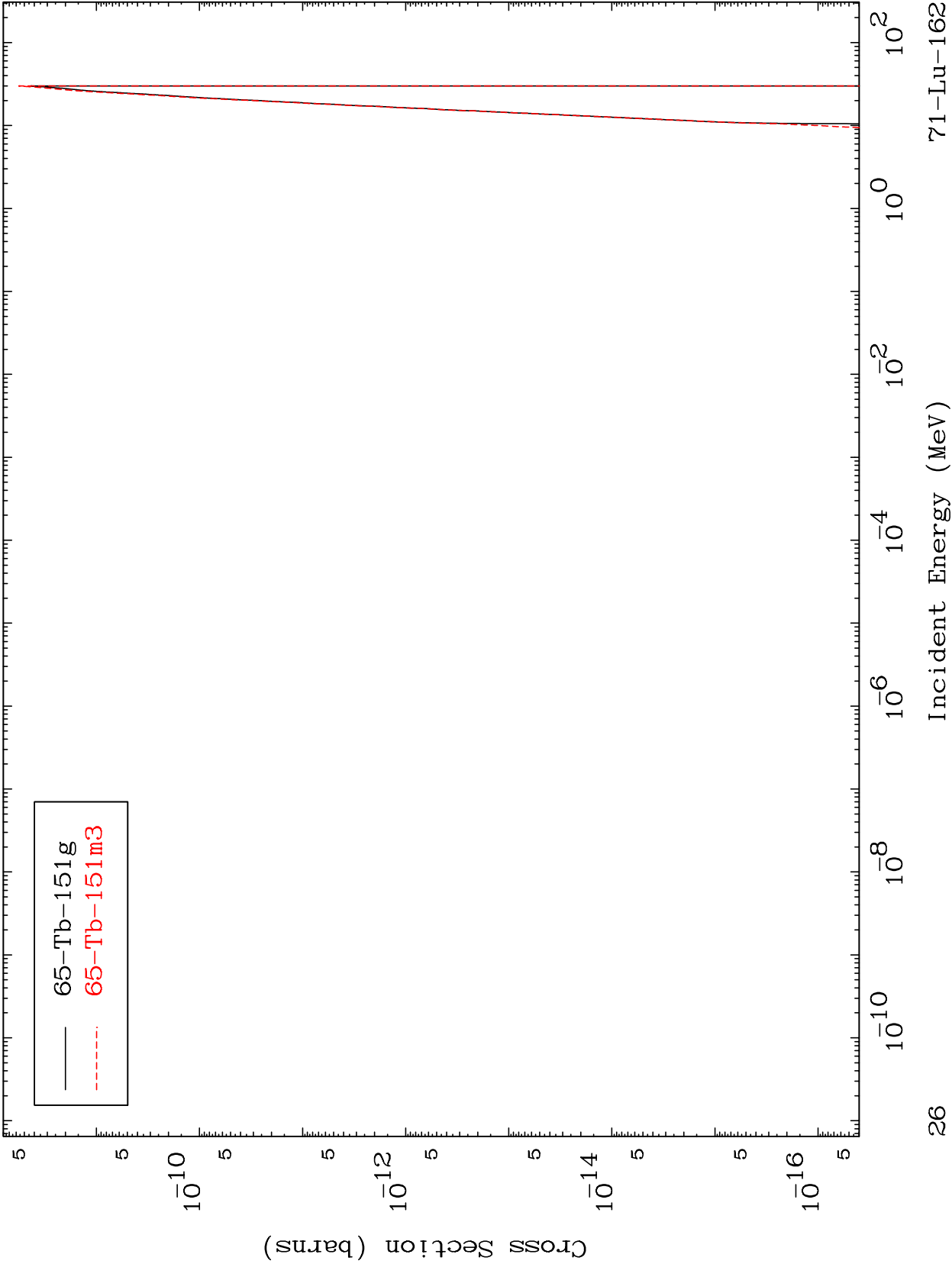
69-Tm-160g
69-Tm-160m2

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(n, 3α)

⁷¹Lu-162

Radionuclide Production Cross Section

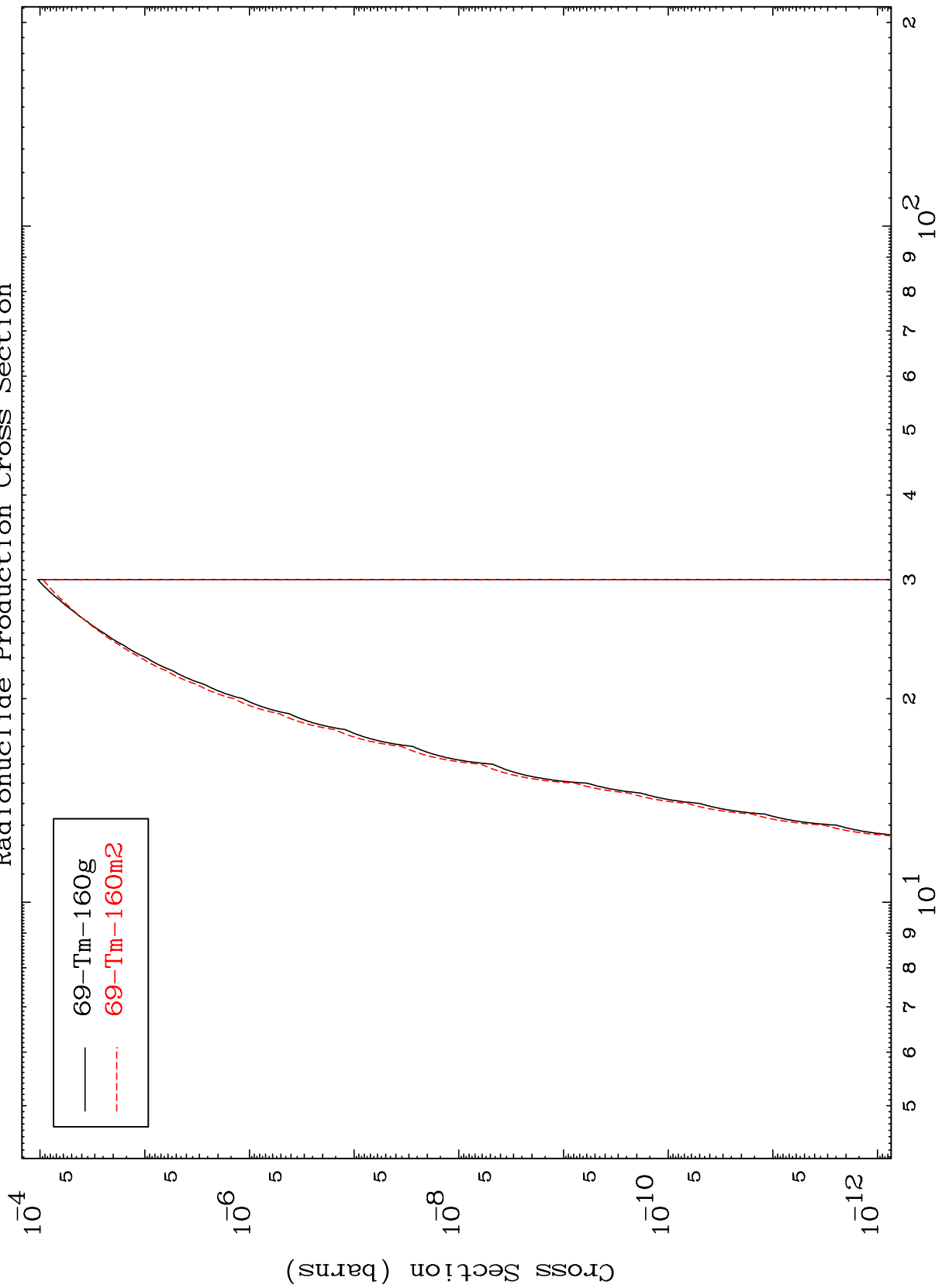


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(n,p) d

71-Lu-162

Radionuclide Production Cross Section



27

Incident Energy (MeV)

71-Lu-162