

Program EVALPLOT
(Version 2021-1)

by

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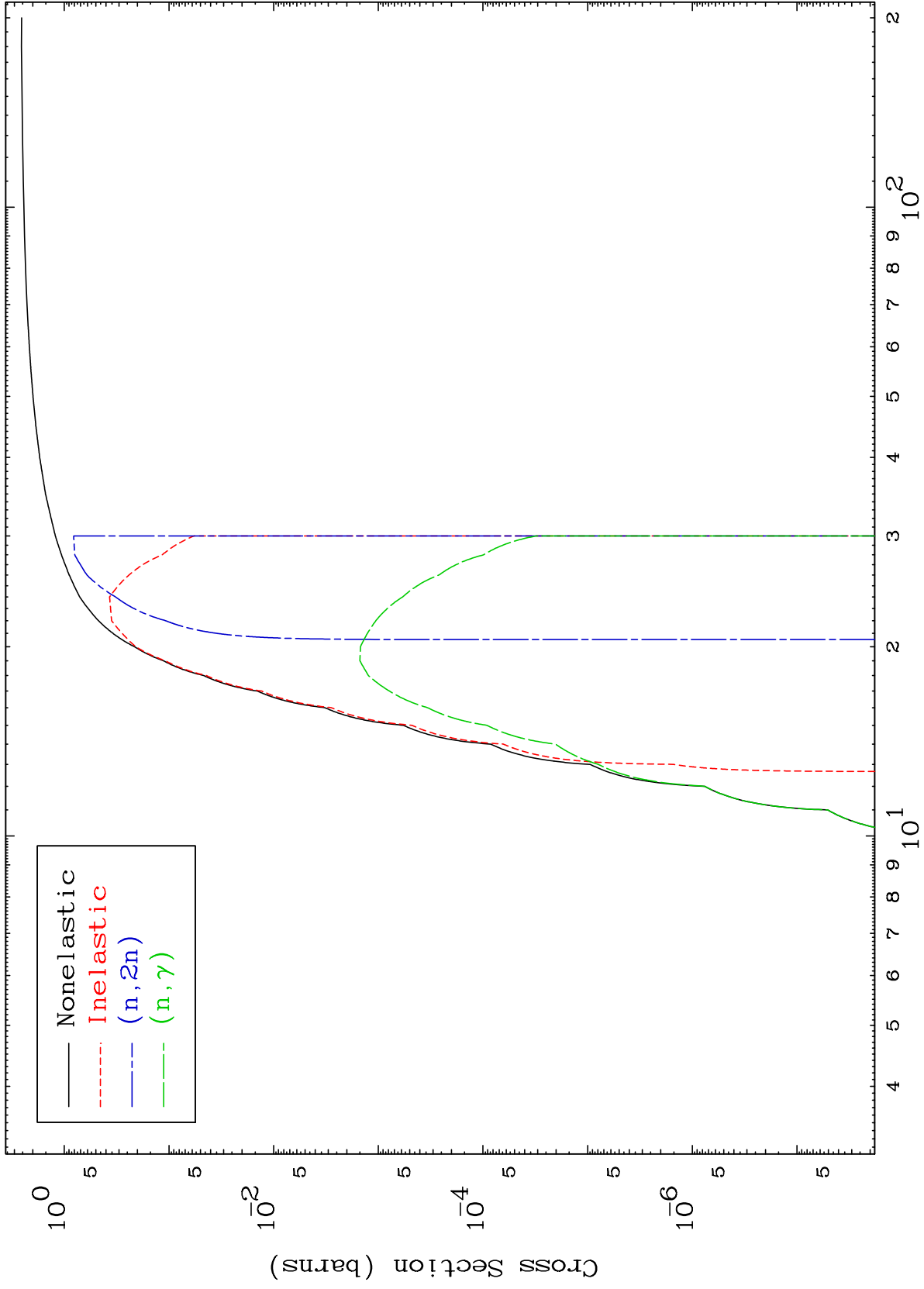
Web:redcullen1.net/HOMEPAGE.NEW

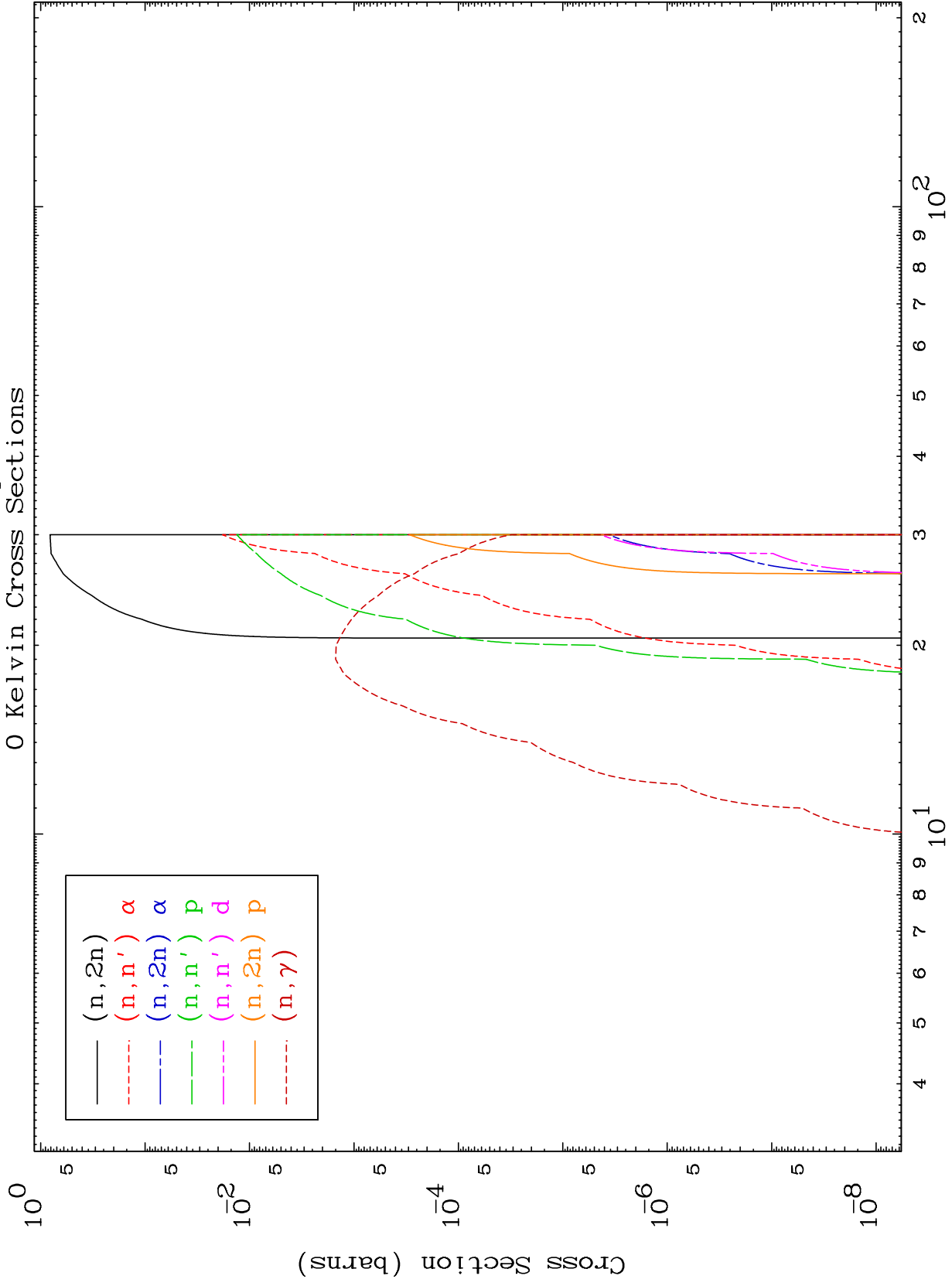
Press Mouse Button to Start

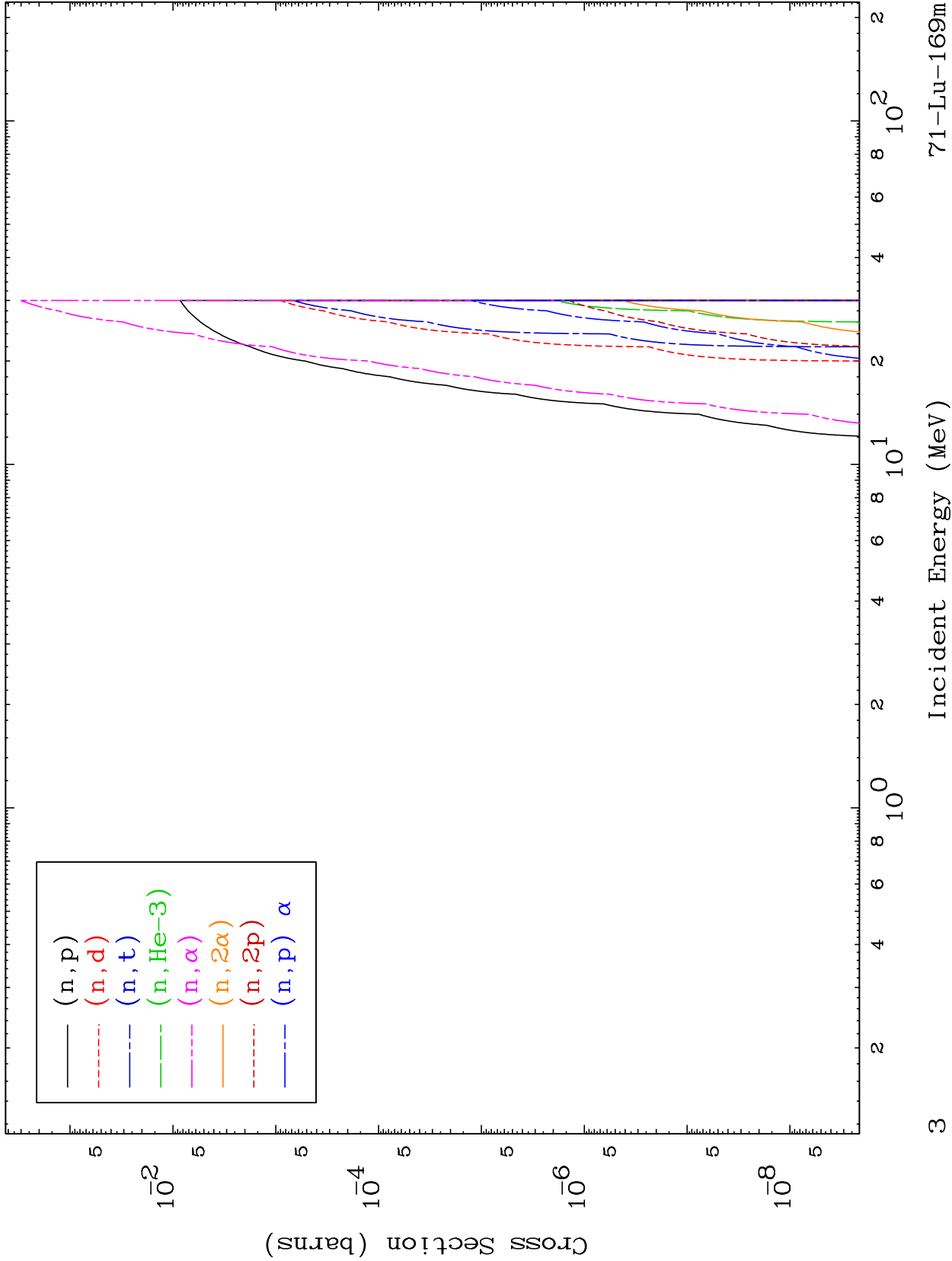
MAT 7108

0 Kelvin
 α Major Cross Sections

71-Lu-169m



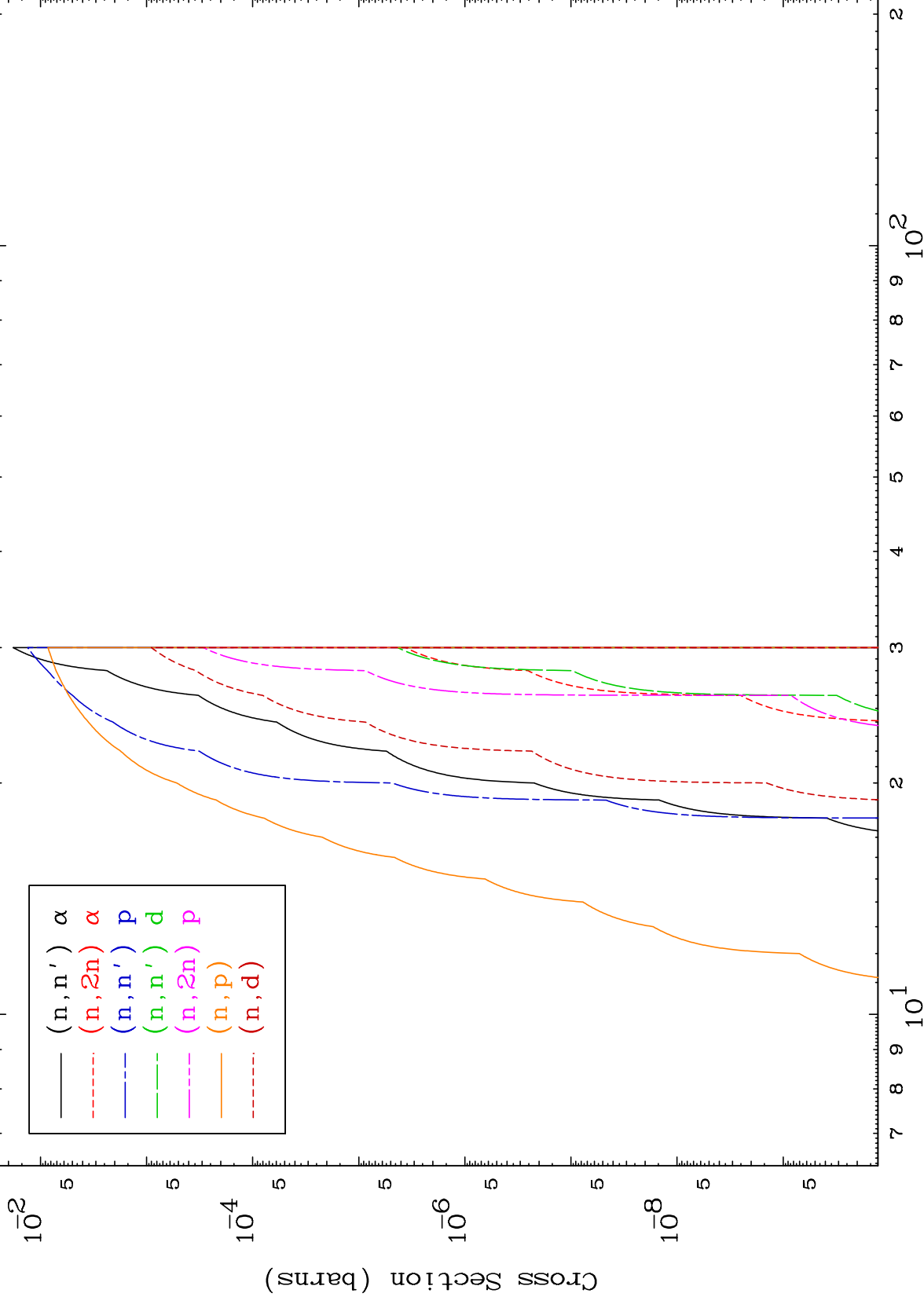


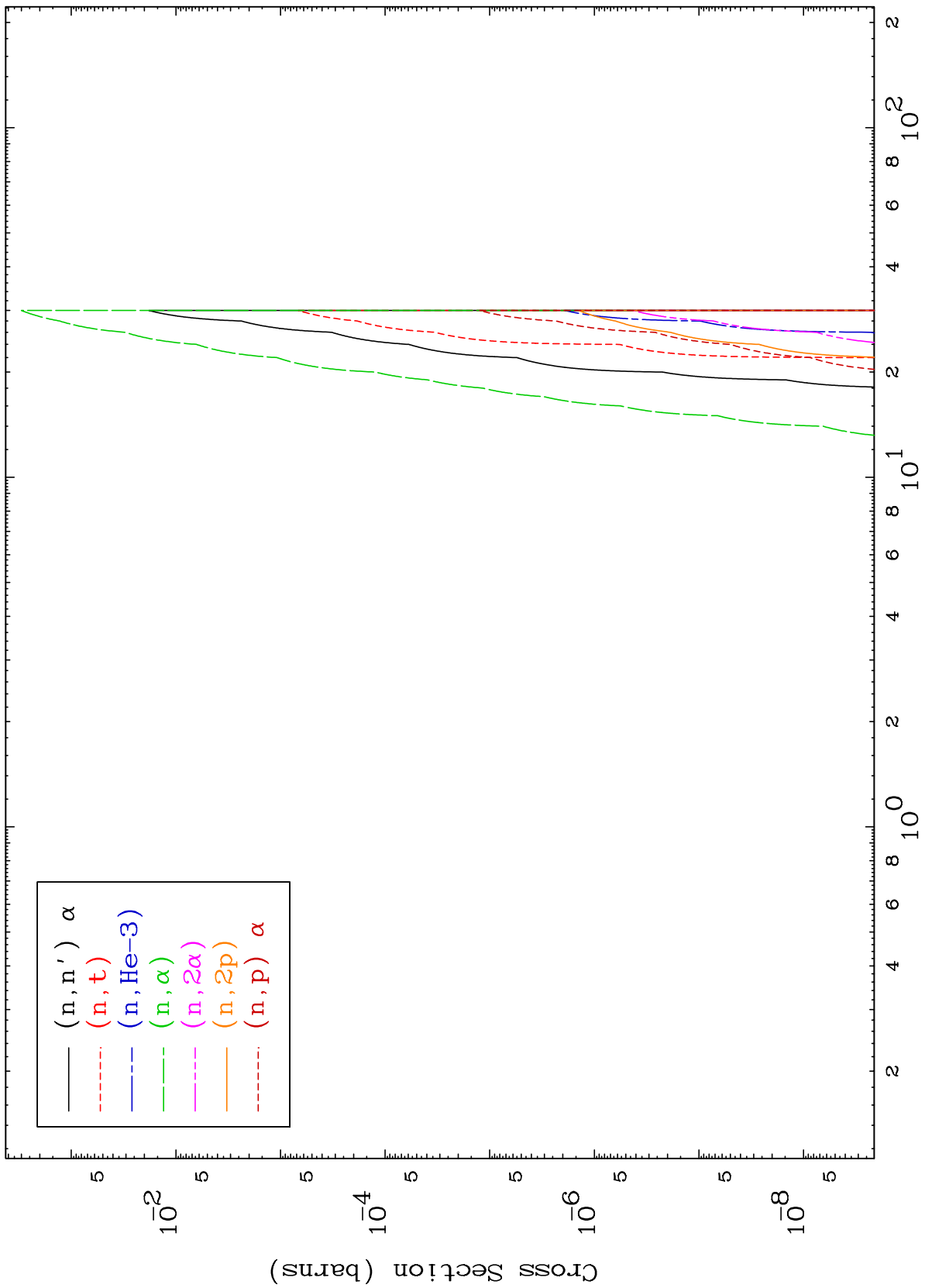


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α Charged Particle
0 Kelvin Cross Sections

$^{71}\text{Lu}-169\text{m}$

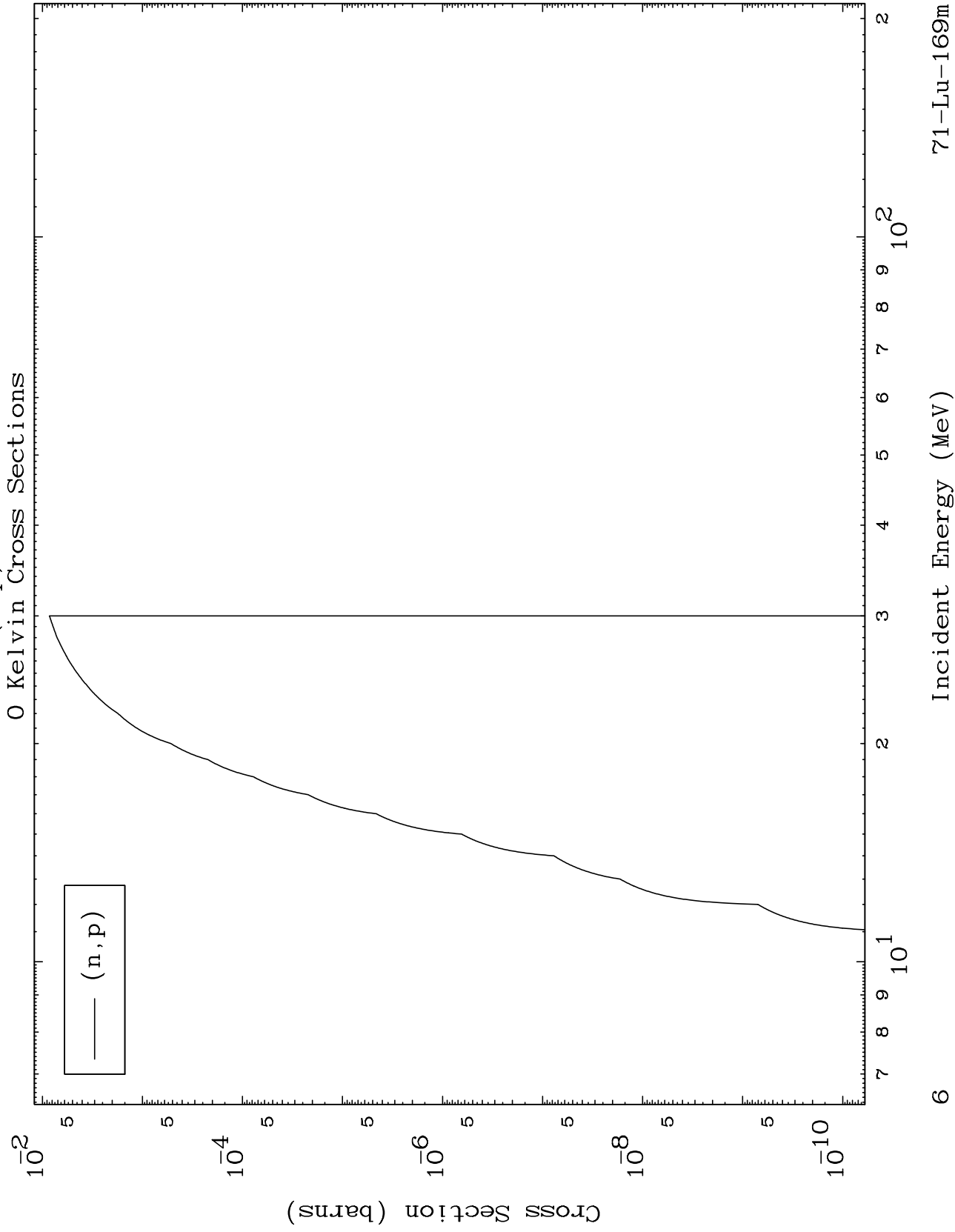




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(α, p) Levels

$^{71}\text{Lu-169m}$

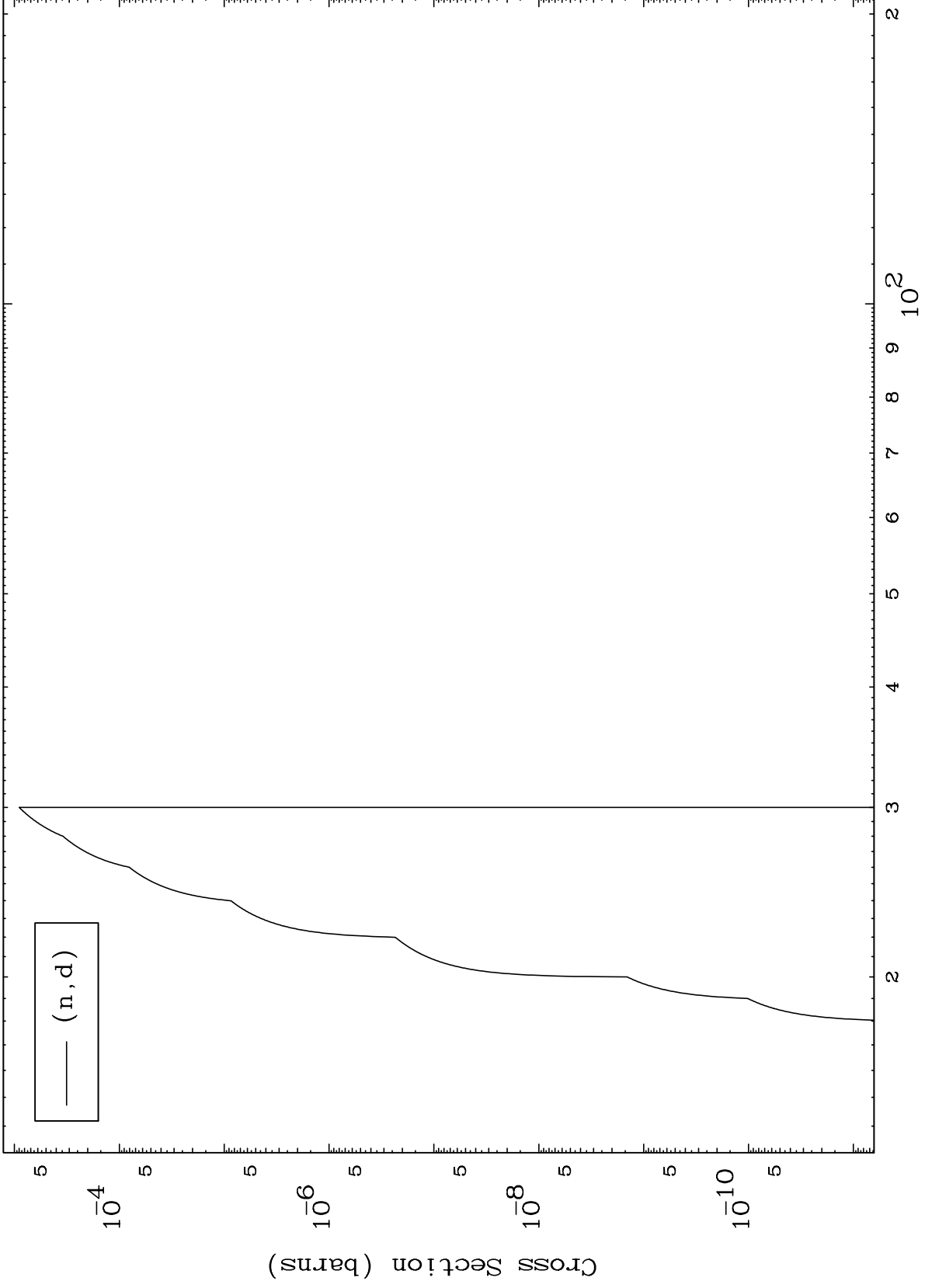


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(α, d) Levels
0 Kelvin Cross Sections

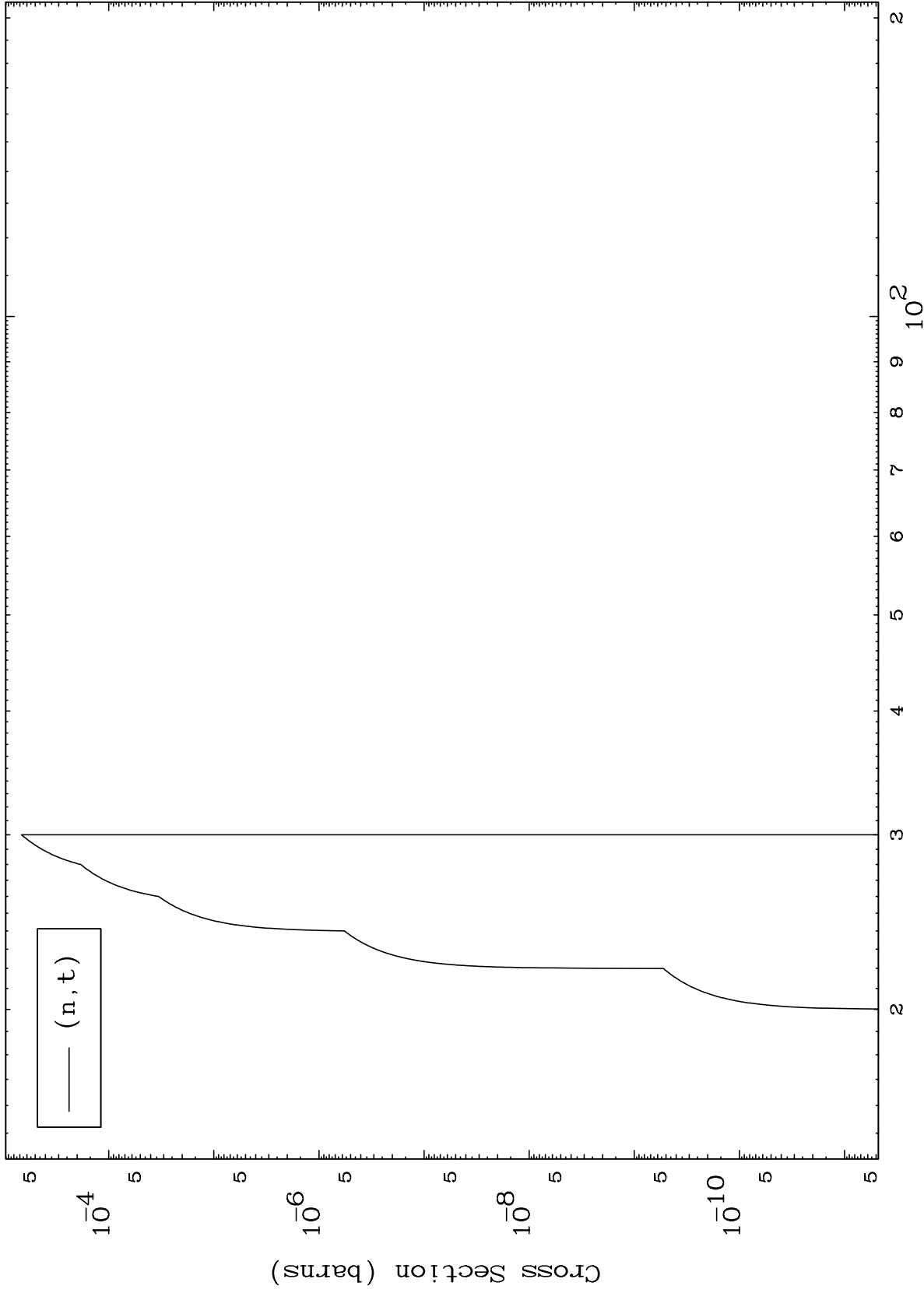
$^{71}\text{Lu}-169\text{m}$

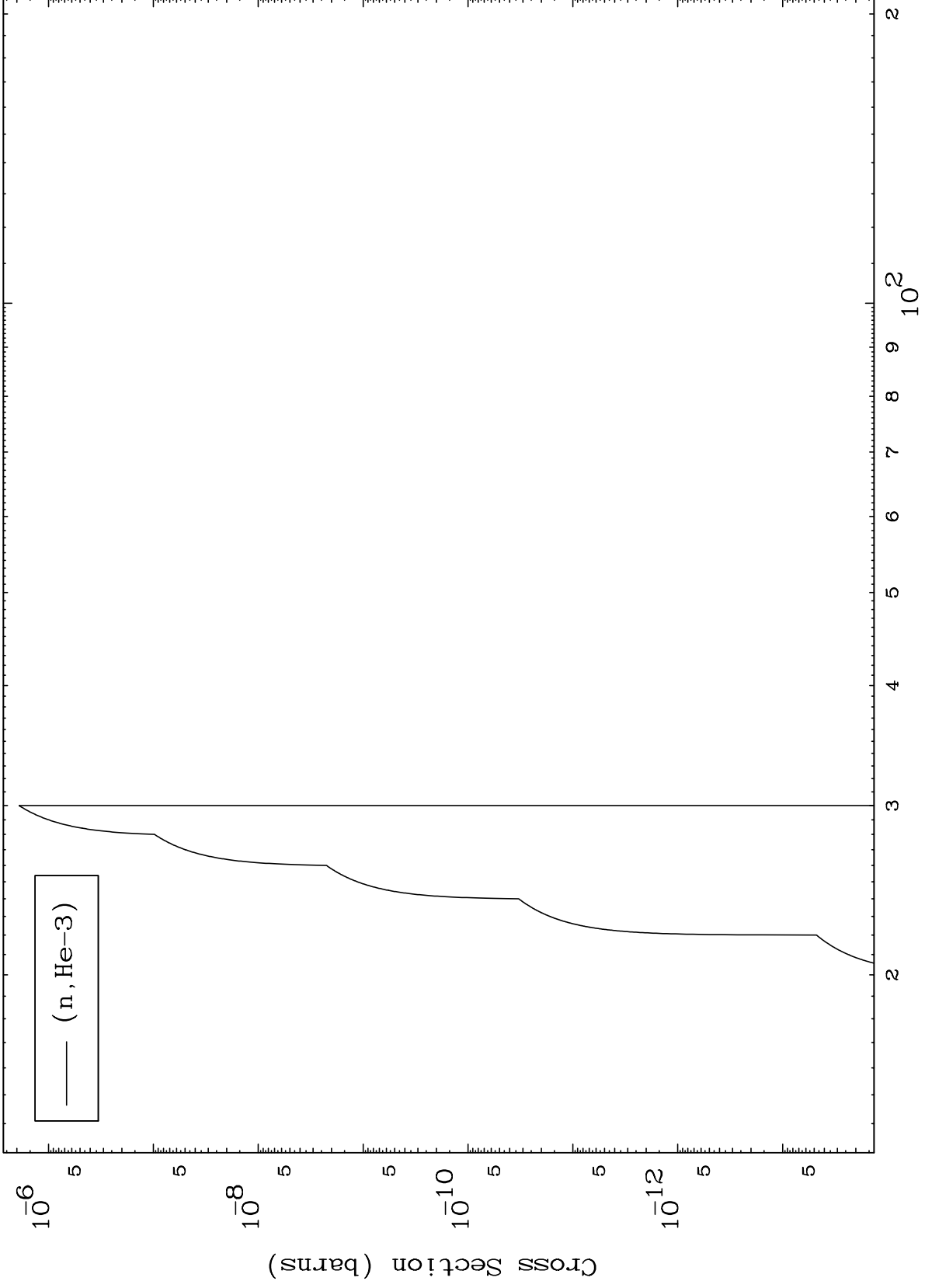


7

Incident Energy (MeV)

$^{71}\text{Lu}-169\text{m}$



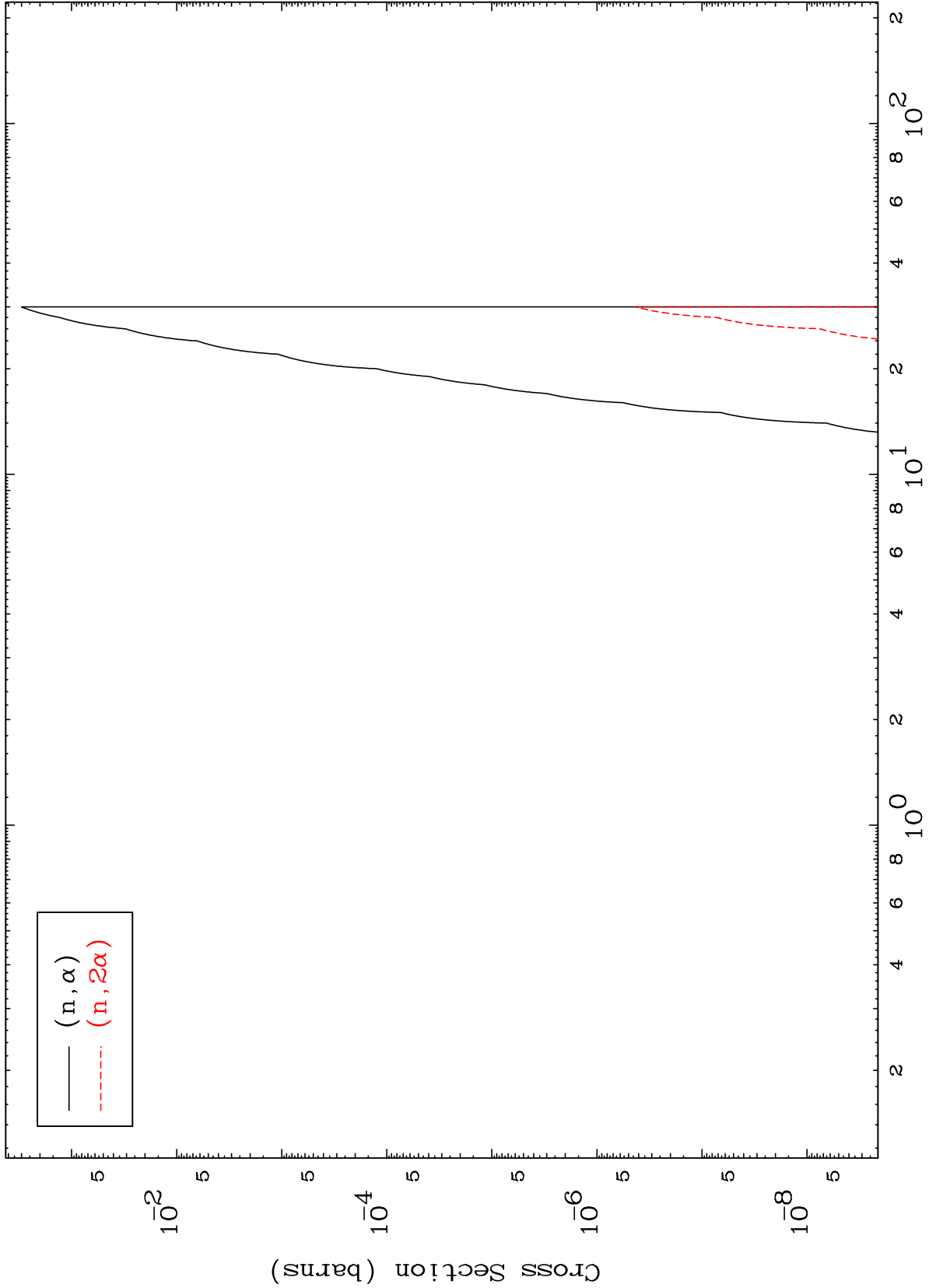


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(α, α) Levels

$^{71}\text{Lu-169m}$

0 Kelvin Cross Sections



— (n, α)
- - - ($n, 2\alpha$)

10

Incident Energy (MeV)

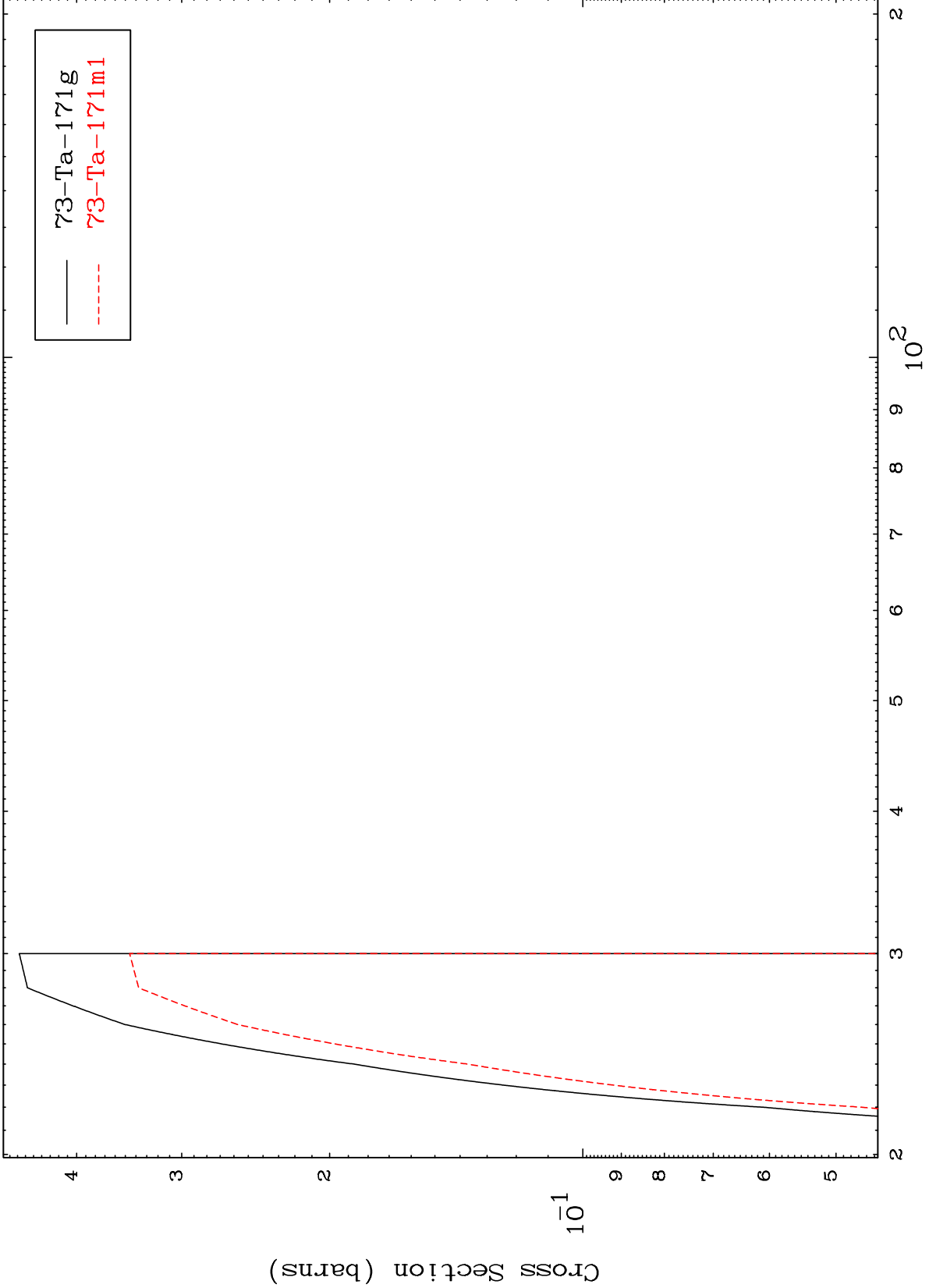
$^{71}\text{Lu-169m}$

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(n,2n)

⁷¹Lu-169m

Radionuclide Production Cross Section



11

Incident Energy (MeV)

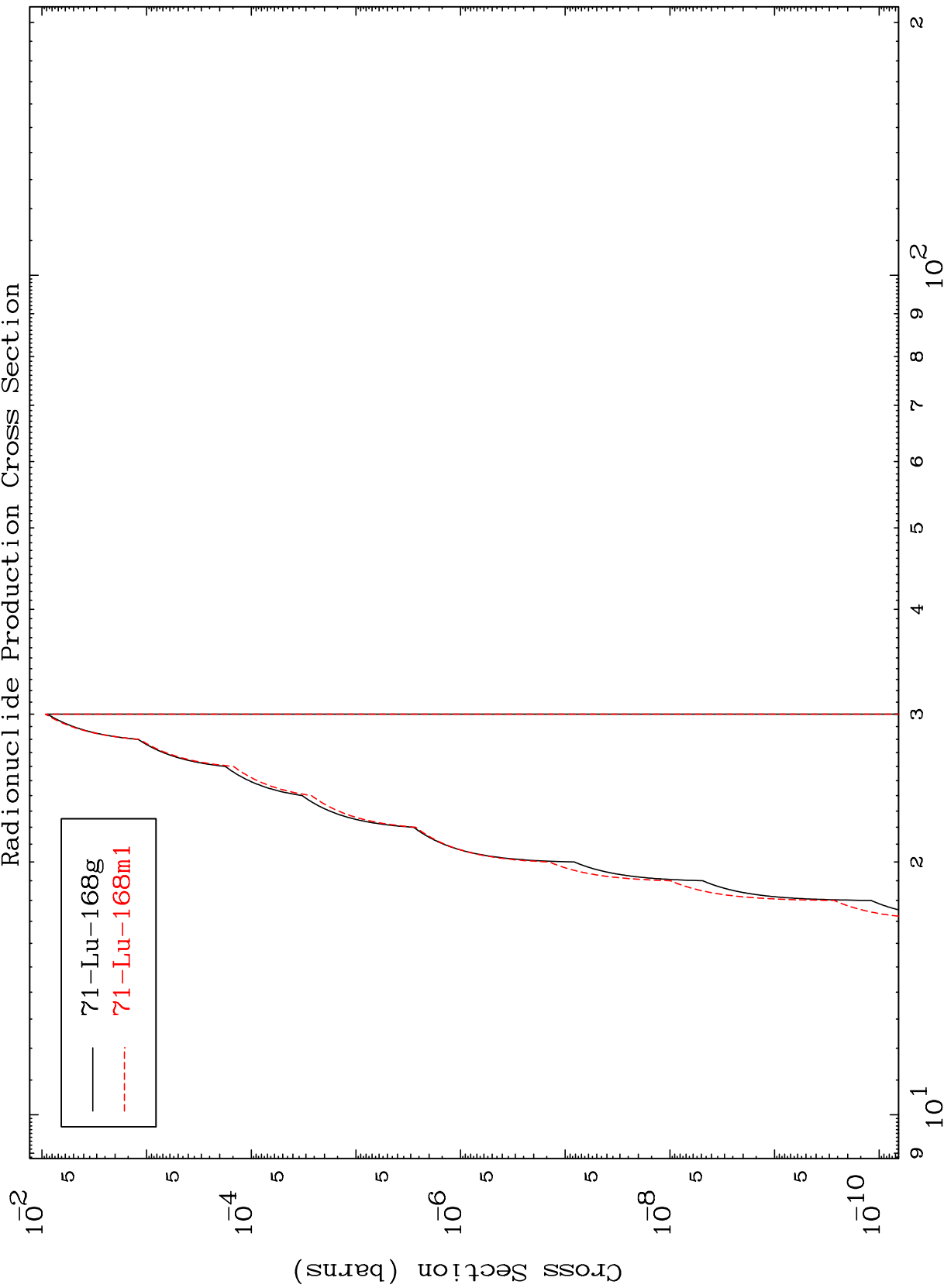
⁷¹Lu-169m

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$(n, n') \alpha$

$^{71}\text{Lu-169m}$

Radionuclide Production Cross Section



Incident Energy (MeV)

$^{71}\text{Lu-169m}$

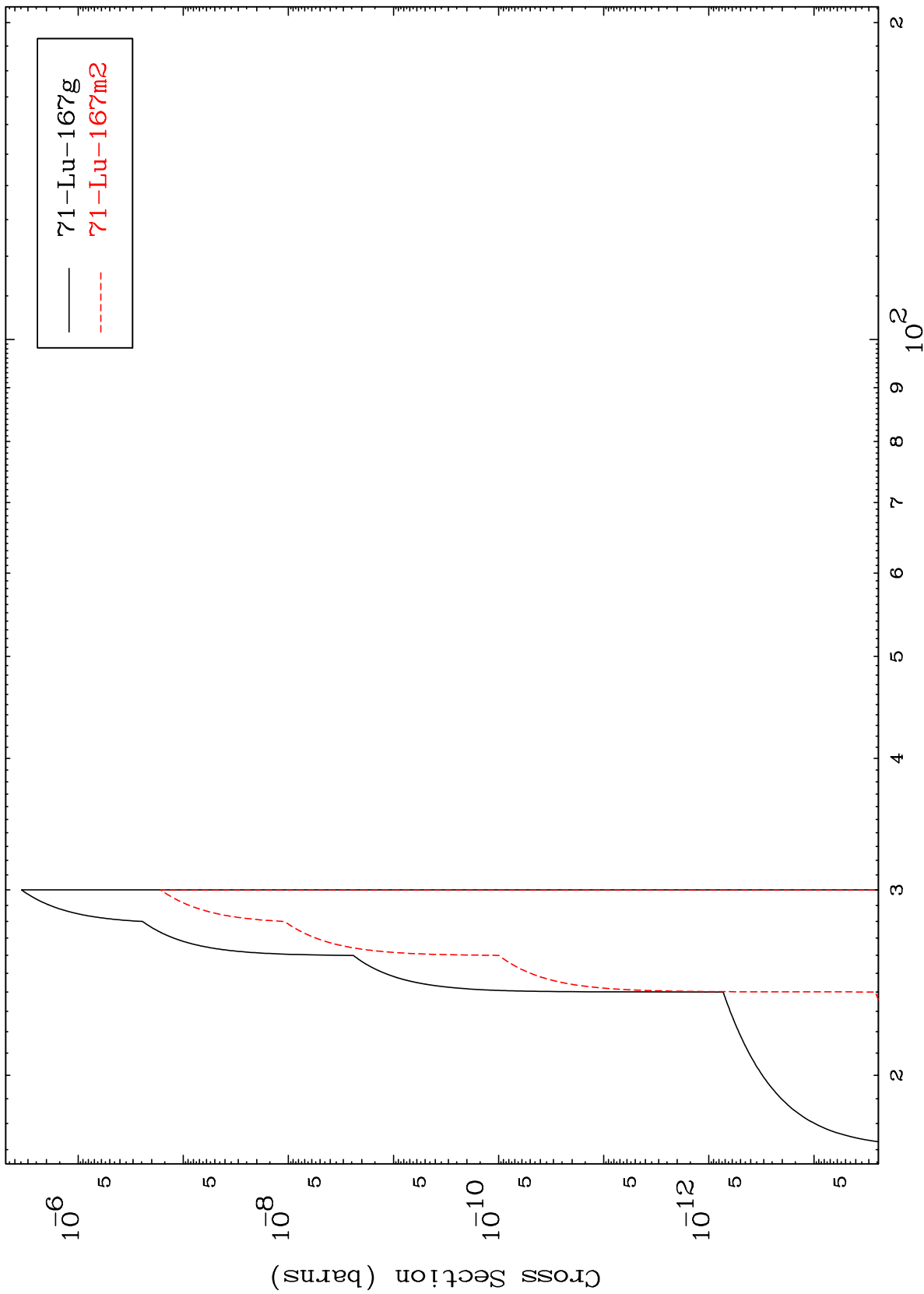
12

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(n,2n) α

⁷¹Lu-169m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

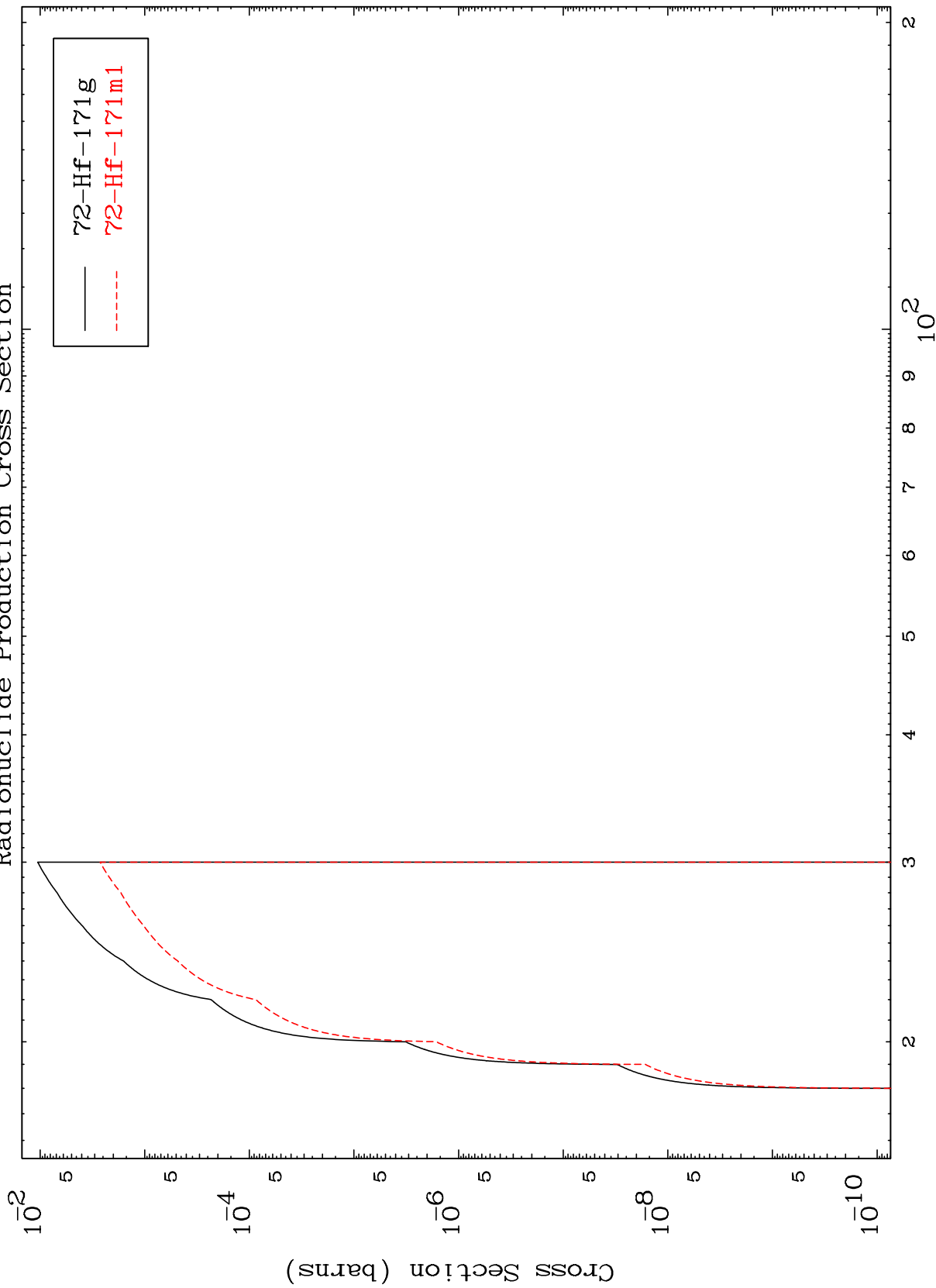
⁷¹Lu-169m

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(n,n') p

71-Lu-169m

Radionuclide Production Cross Section



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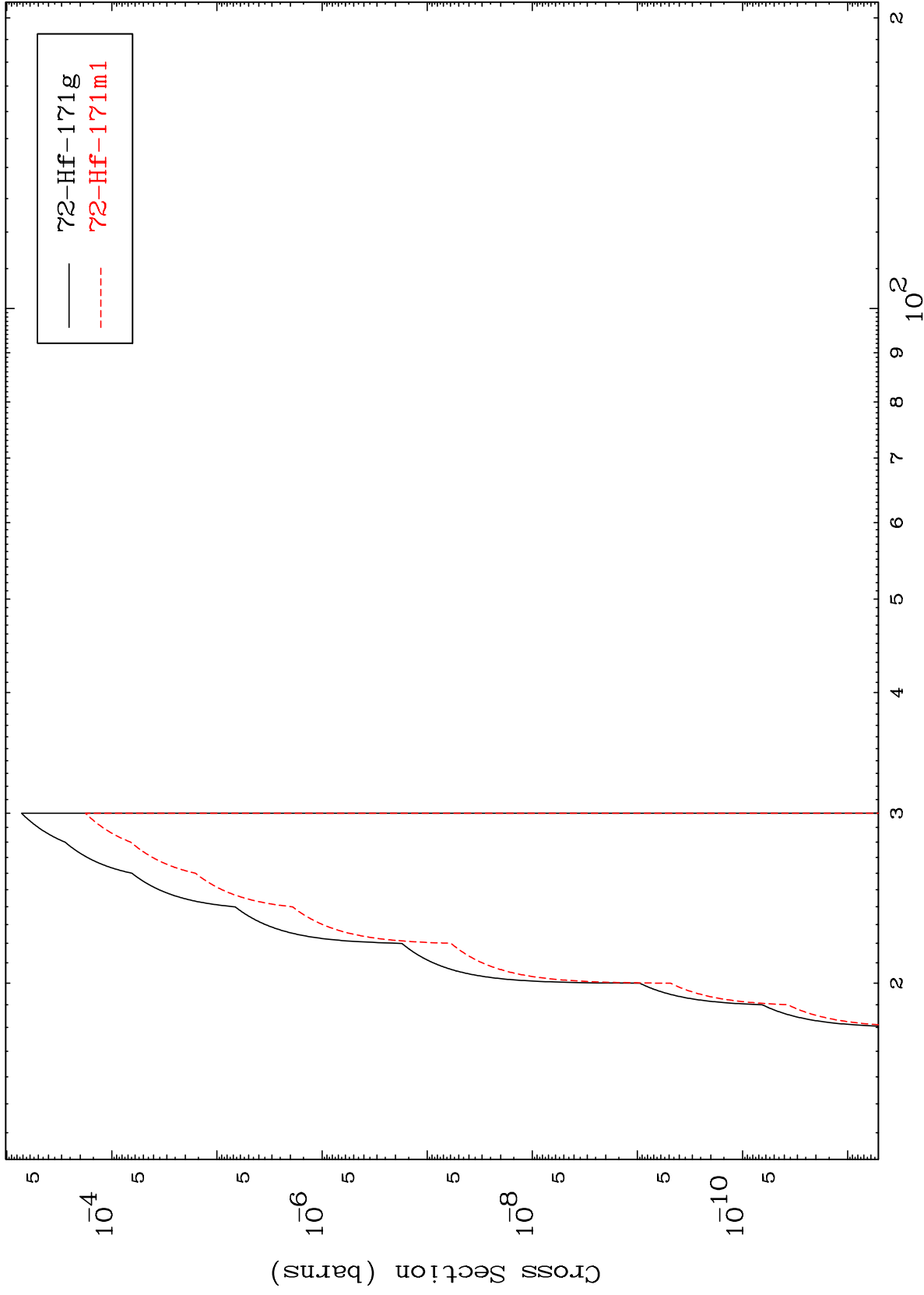
Incident Energy (MeV)

71-Lu-169m

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71-Lu-169m

(n,d)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

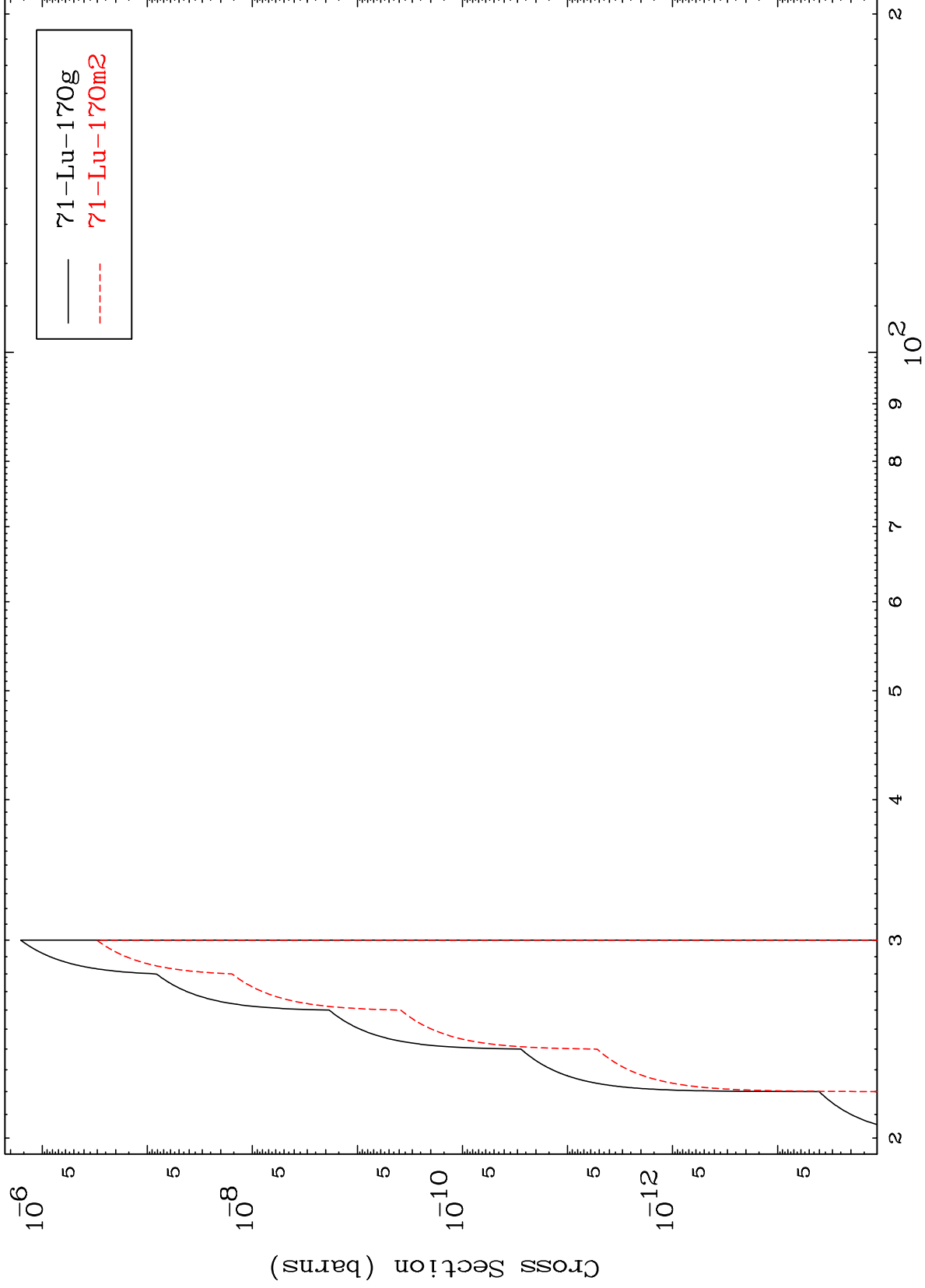
71-Lu-169m

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(n,He-3)

⁷¹Lu-169m

Radionuclide Production Cross Section



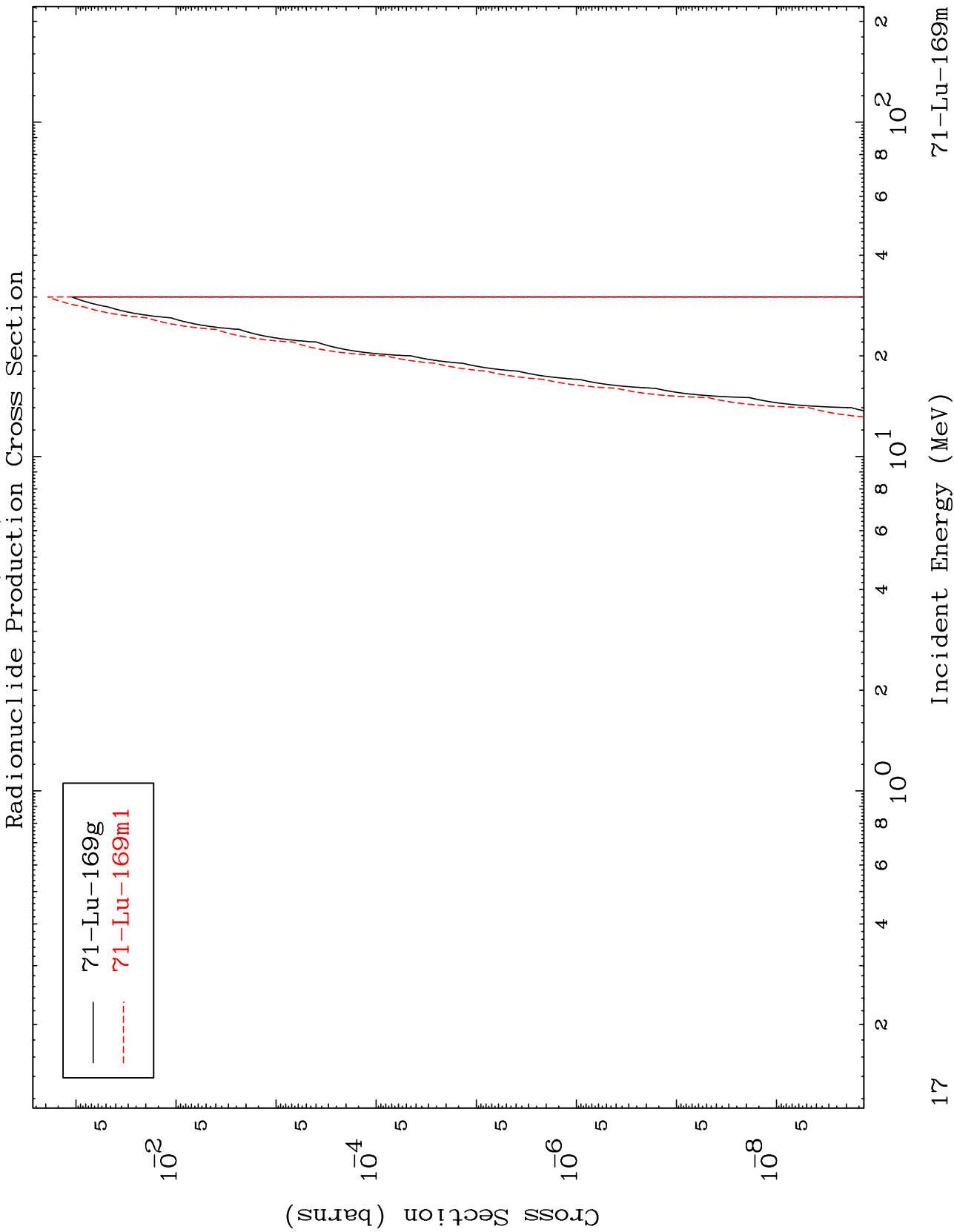
16

Incident Energy (MeV)

⁷¹Lu-169m

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⁷¹Lu-169m

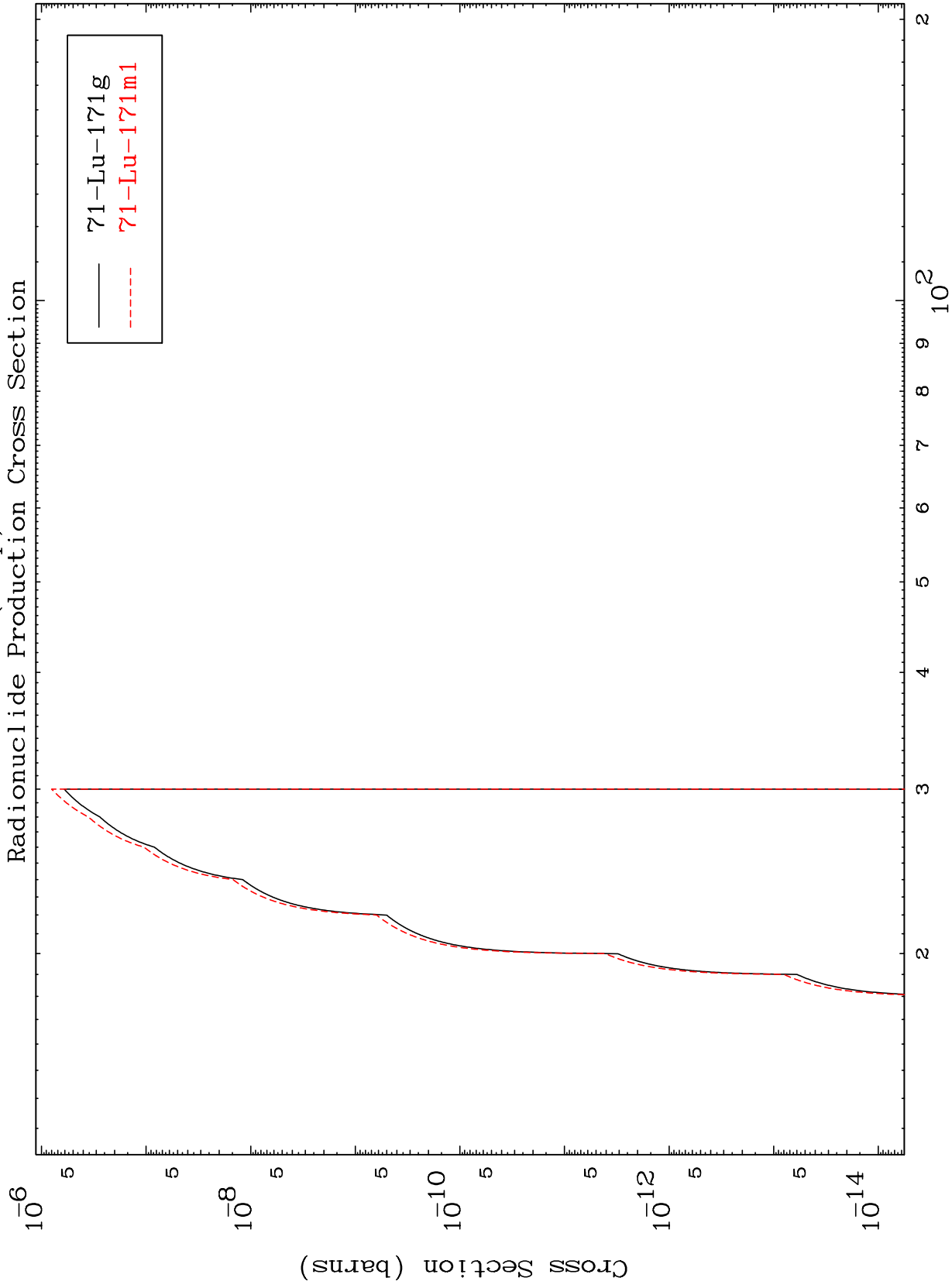


— ⁷¹Lu-169g
- - - ⁷¹Lu-169m1

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71-Lu-169m

(n,2p)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

71-Lu-169m