

Program EVALPLOT
(Version 2021-1)

by

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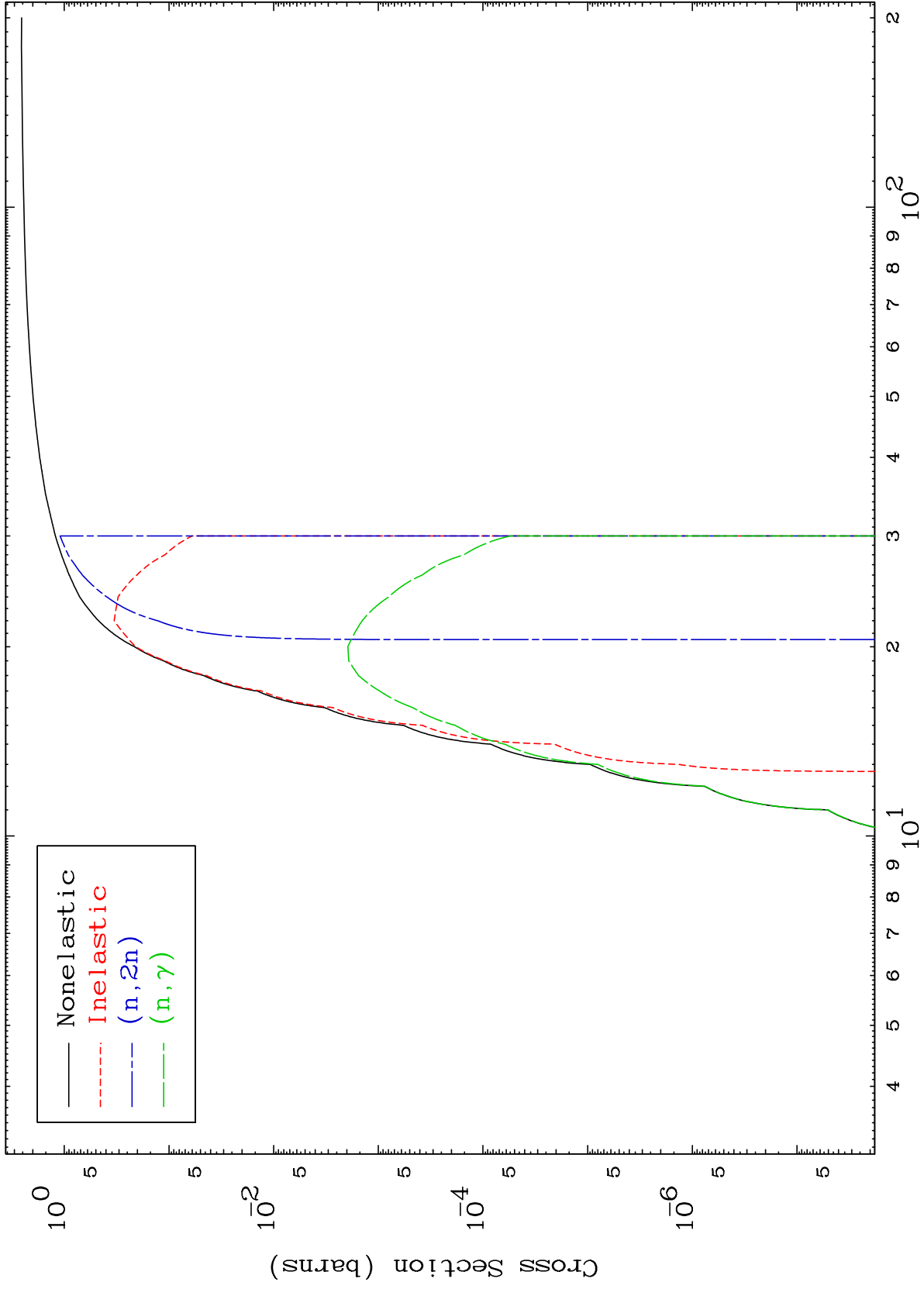
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7108

0 Kelvin Cross Sections

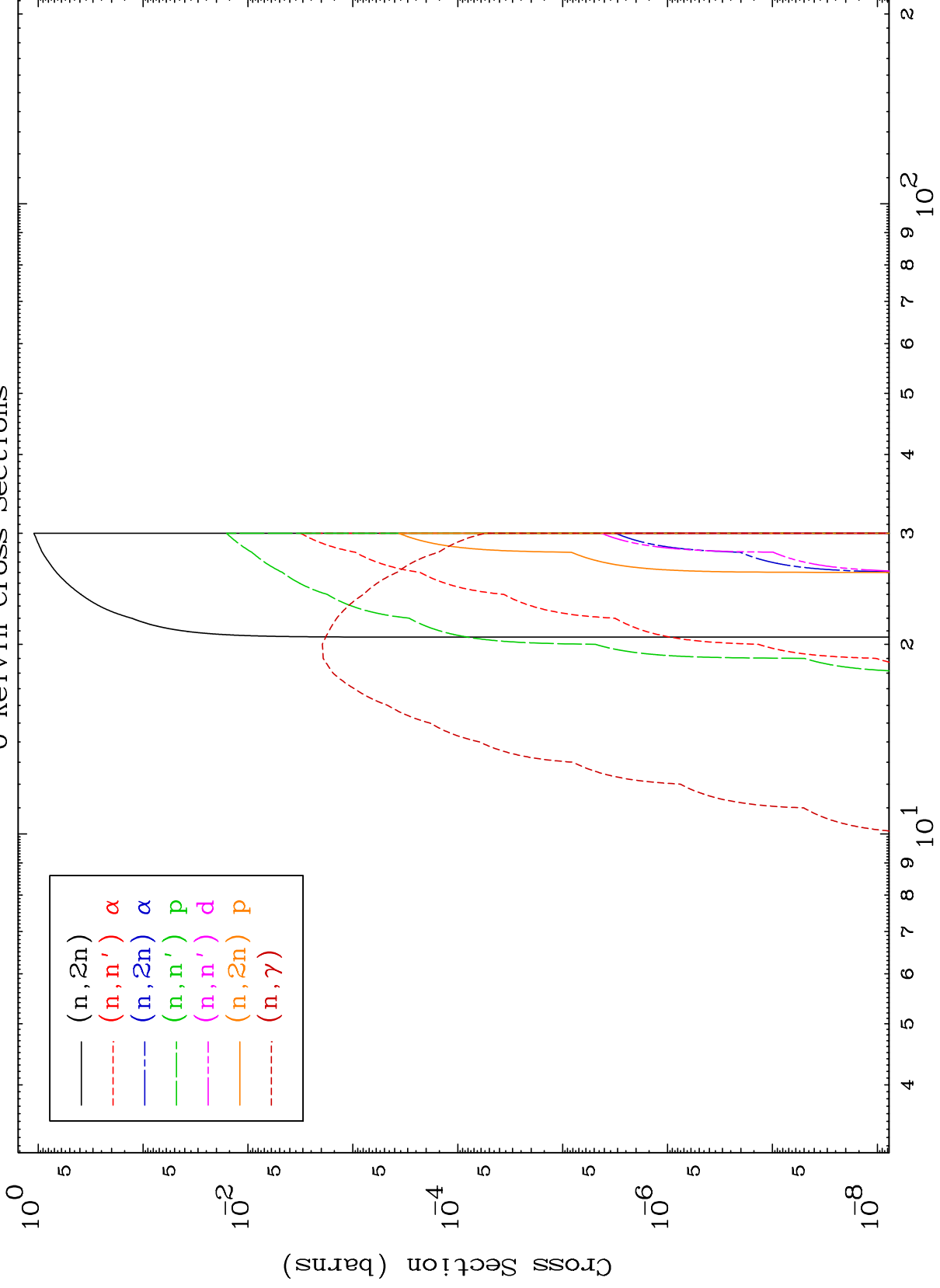
71-Lu-169m



1

Incident Energy (MeV)

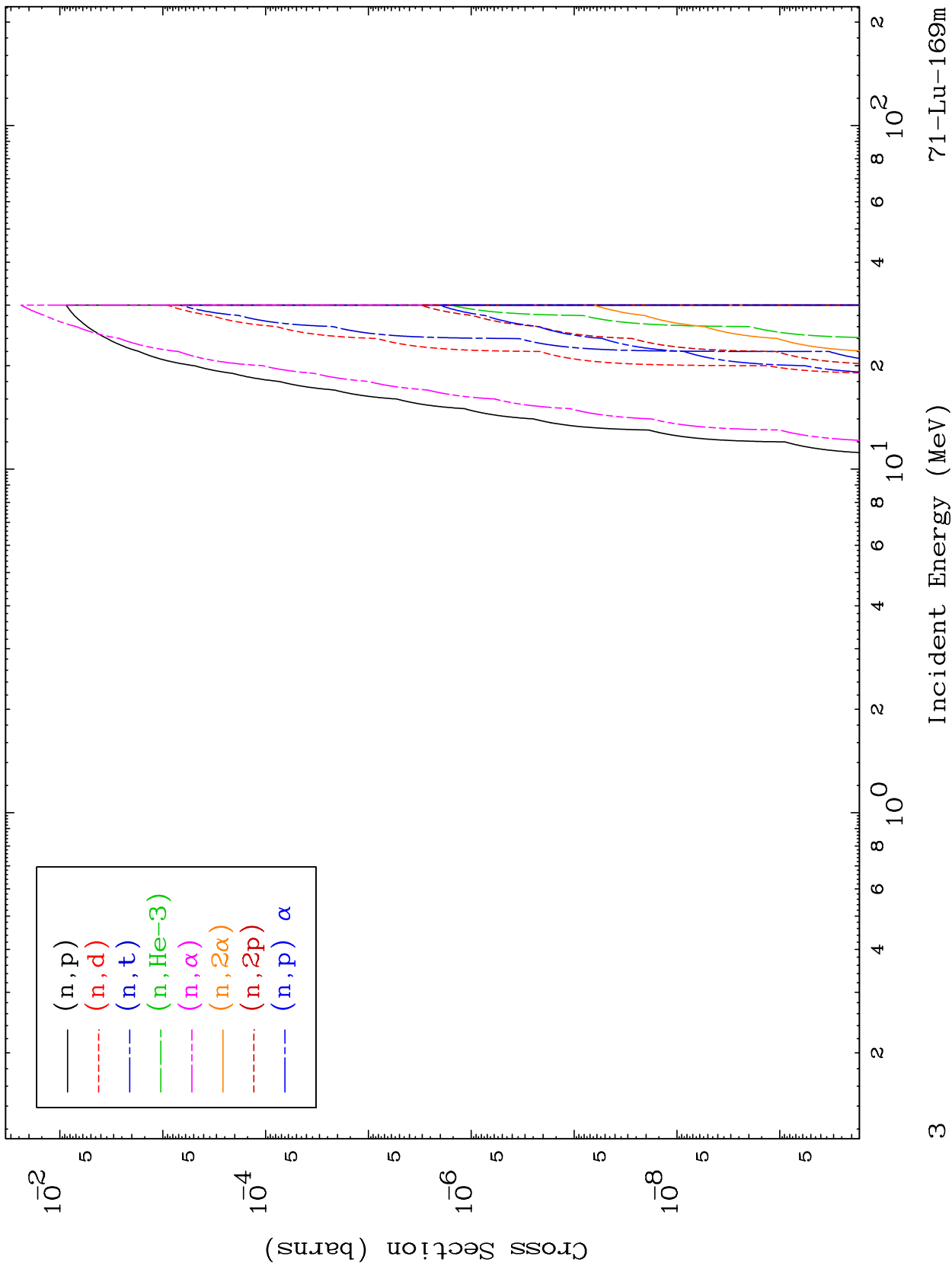
71-Lu-169m



MAT 7108

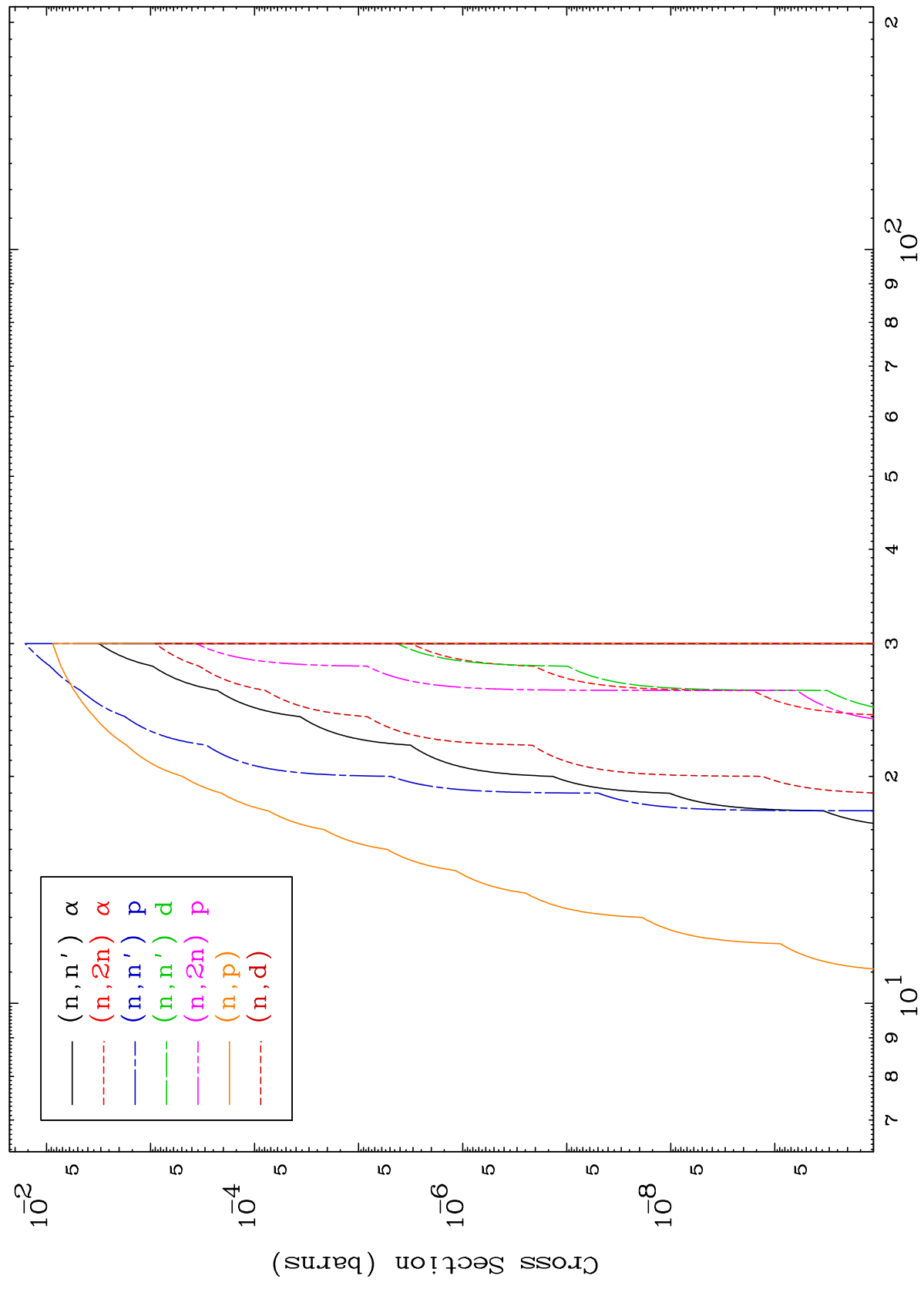
α Neutron Absorption
0 Kelvin Cross Sections

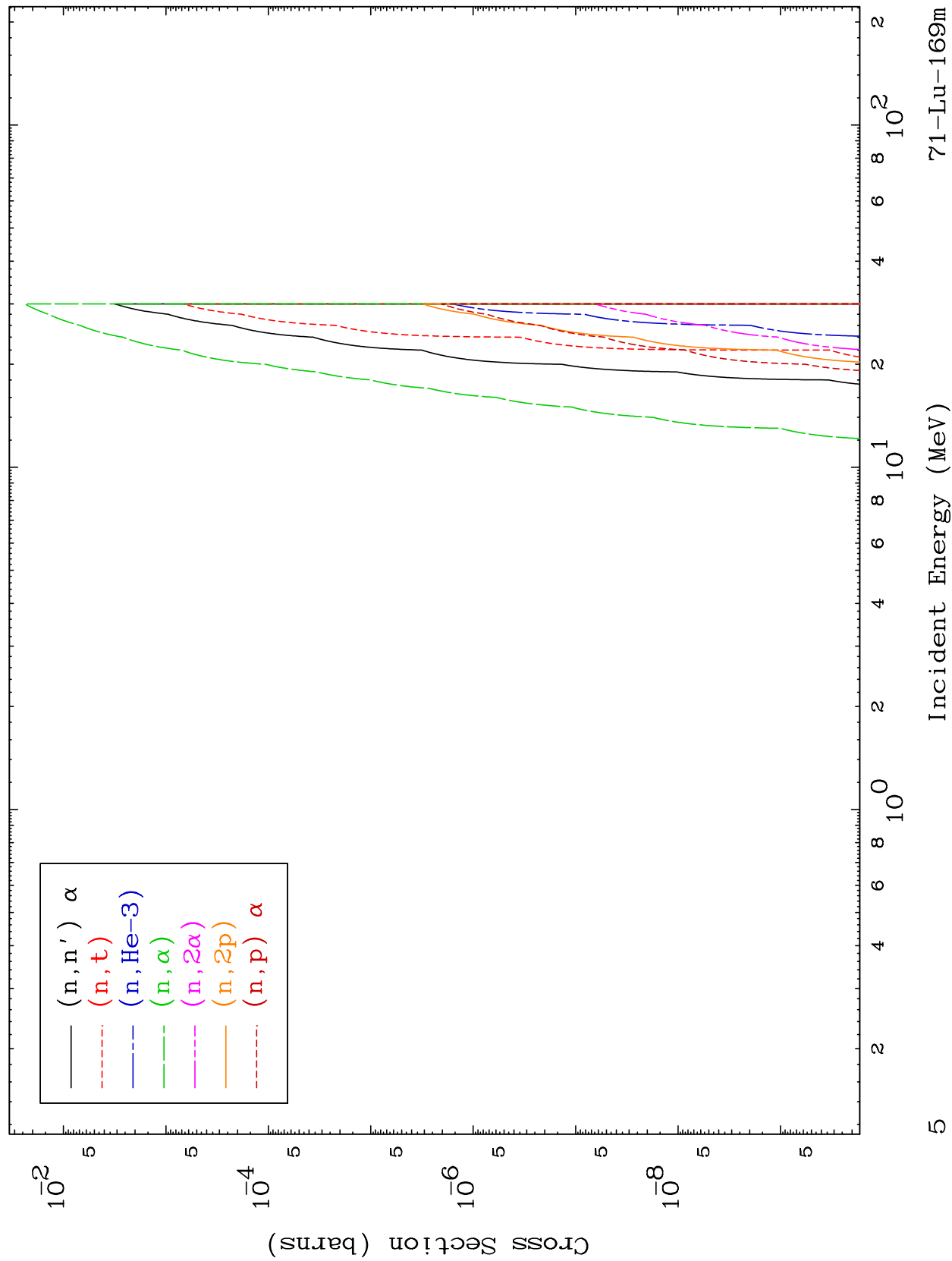
⁷¹Lu-169m



⁷¹Lu-169m

Incident Energy (MeV)

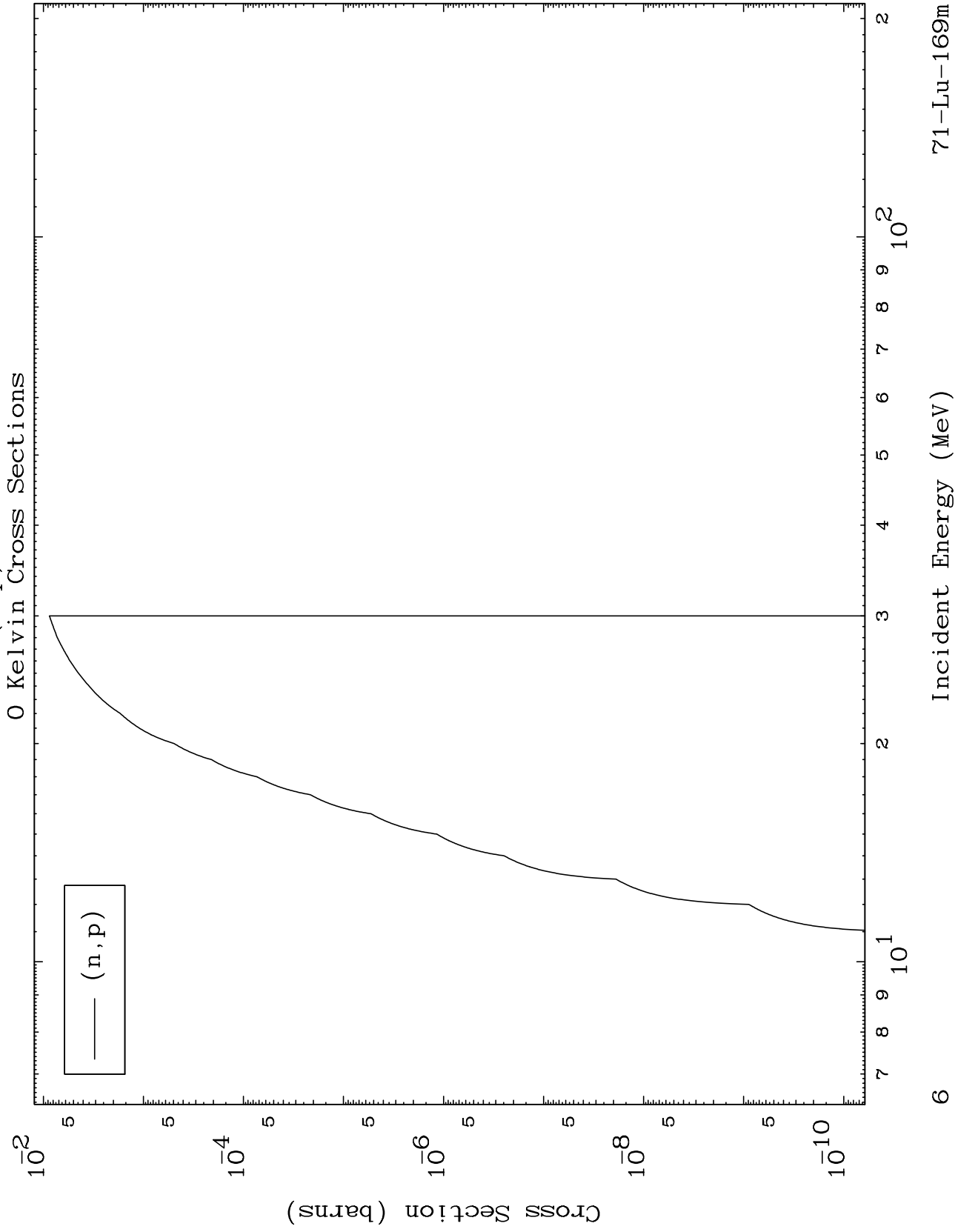


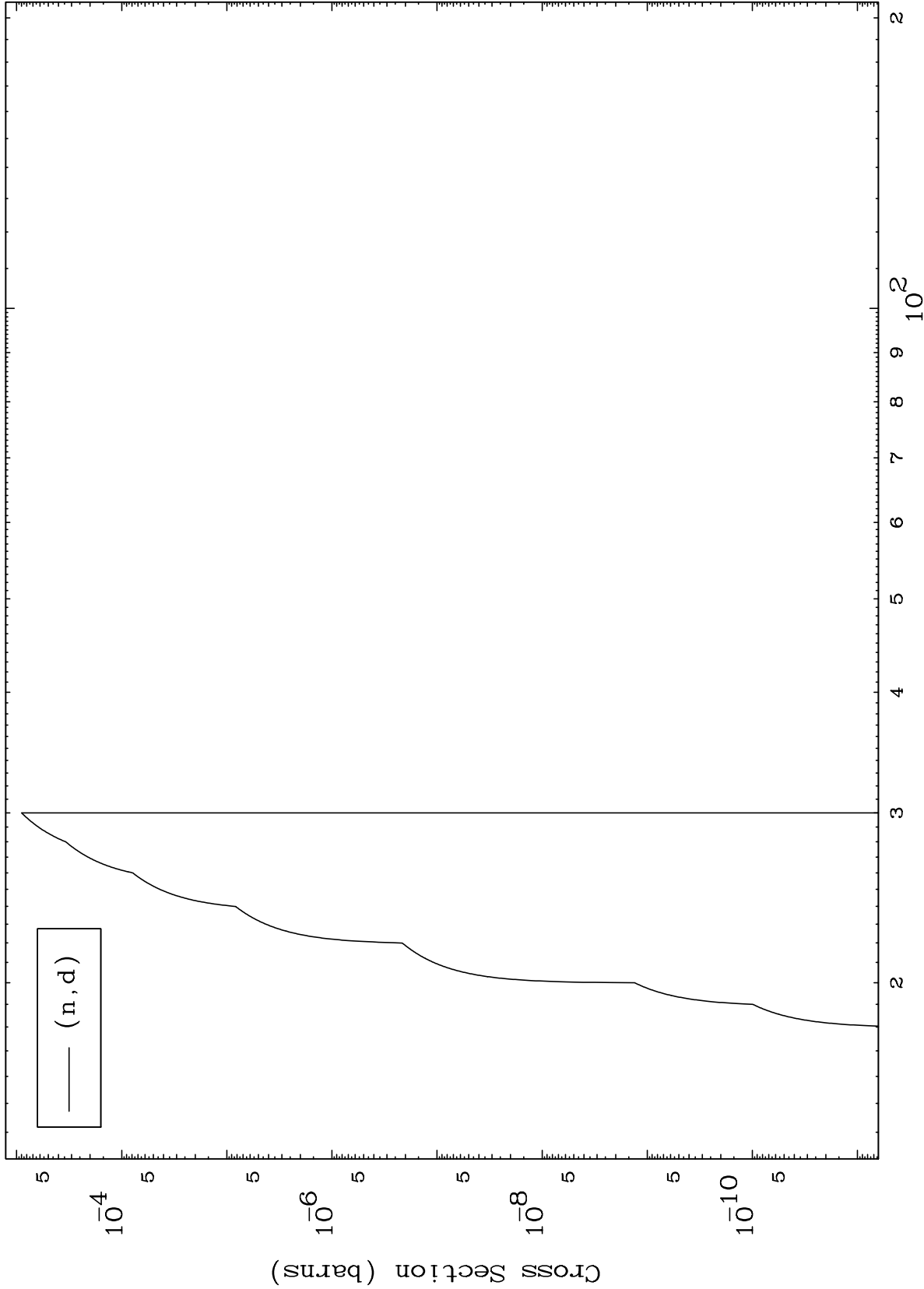


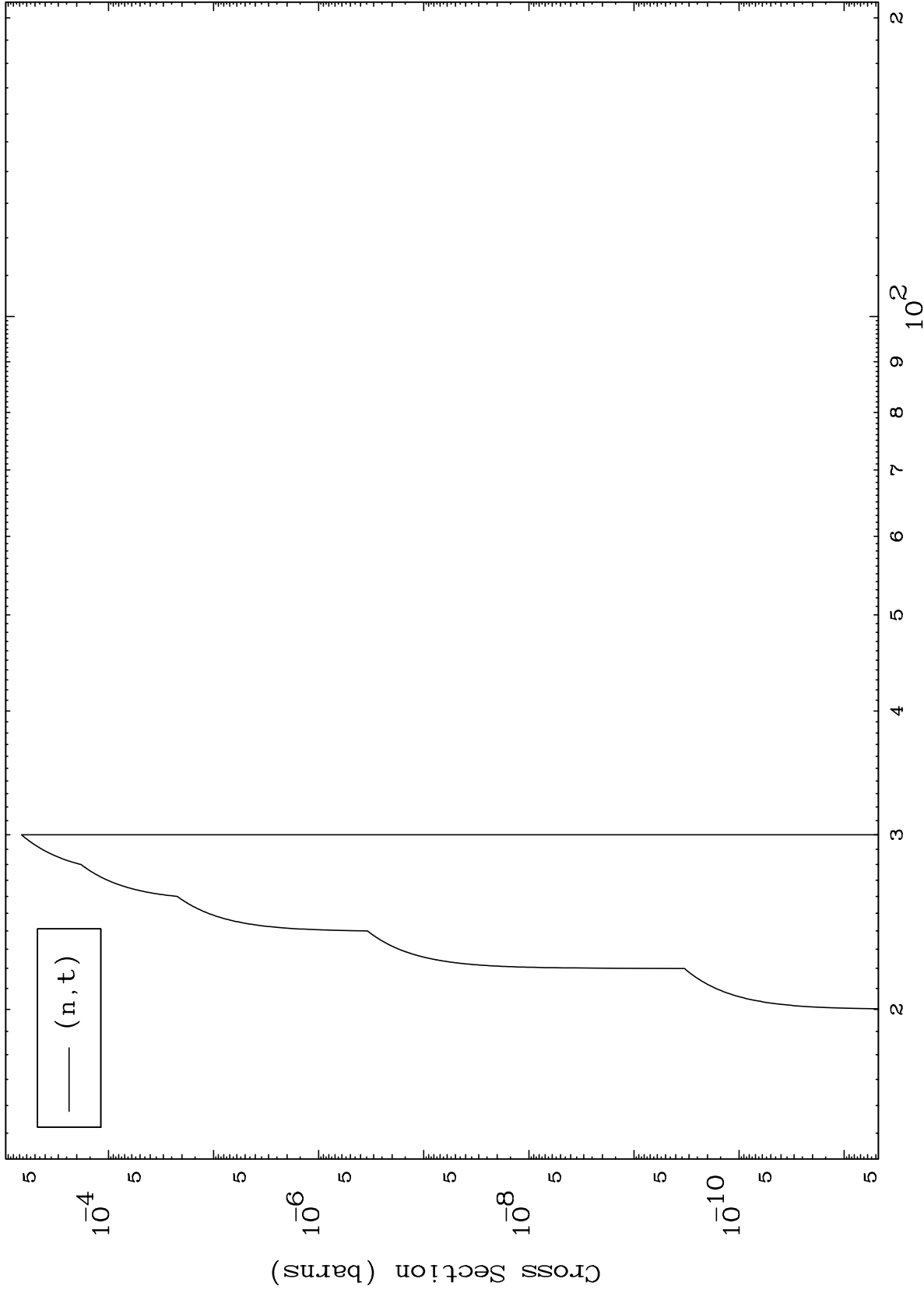
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(α, p) Levels

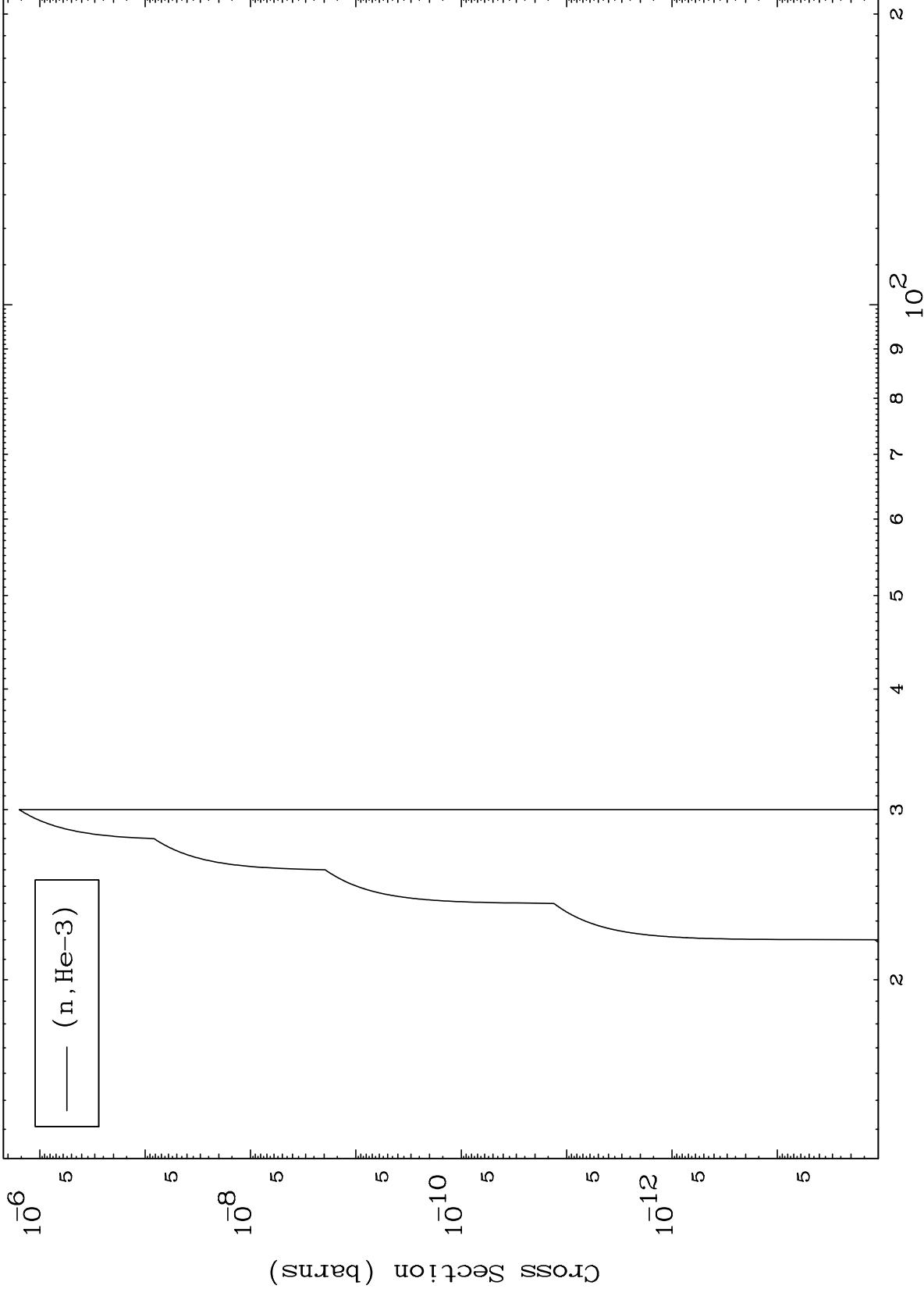
$^{71}\text{Lu-169m}$







0 Kelvin Cross Sections

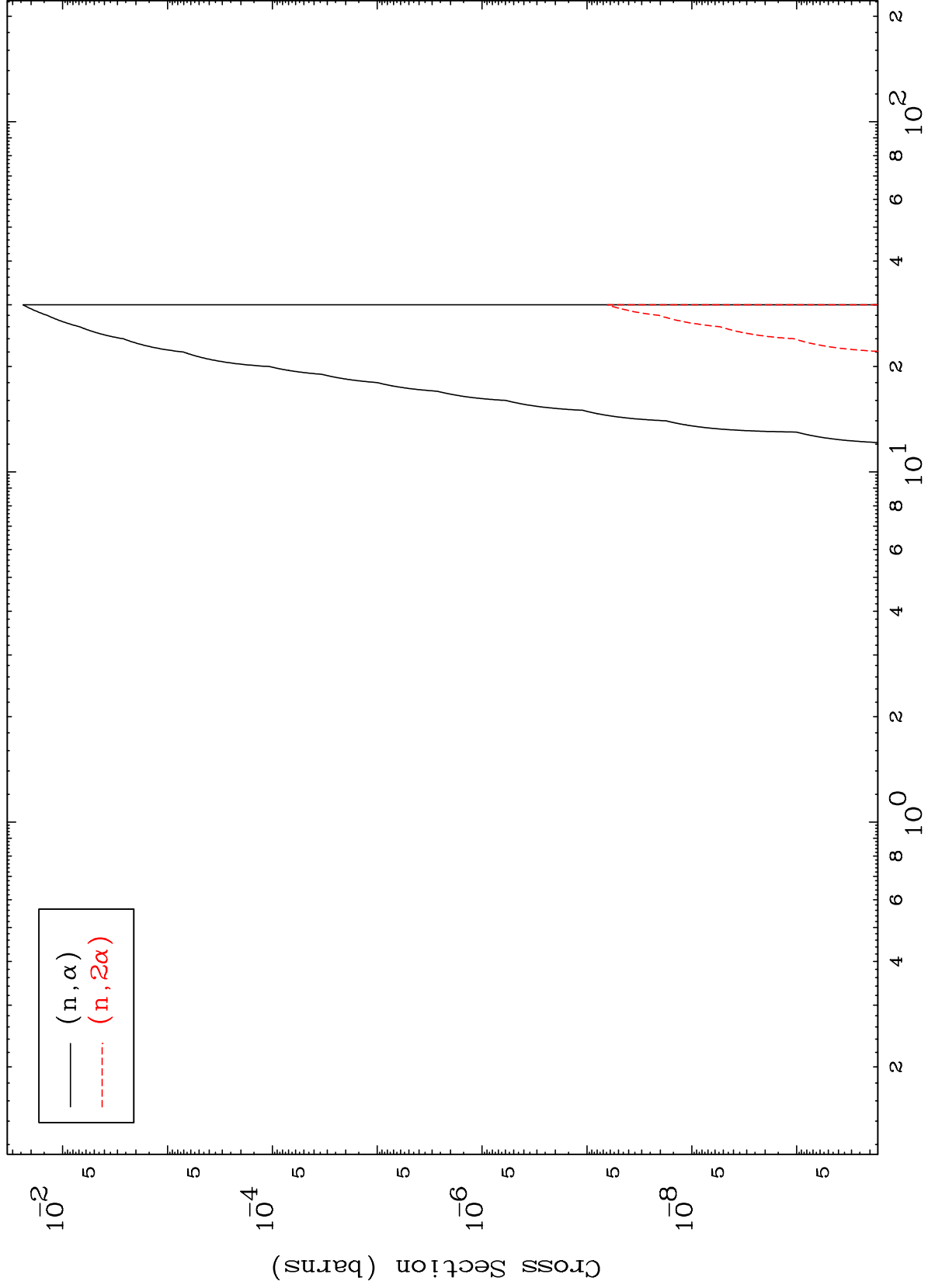


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(α, α) Levels

71-Lu-169m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

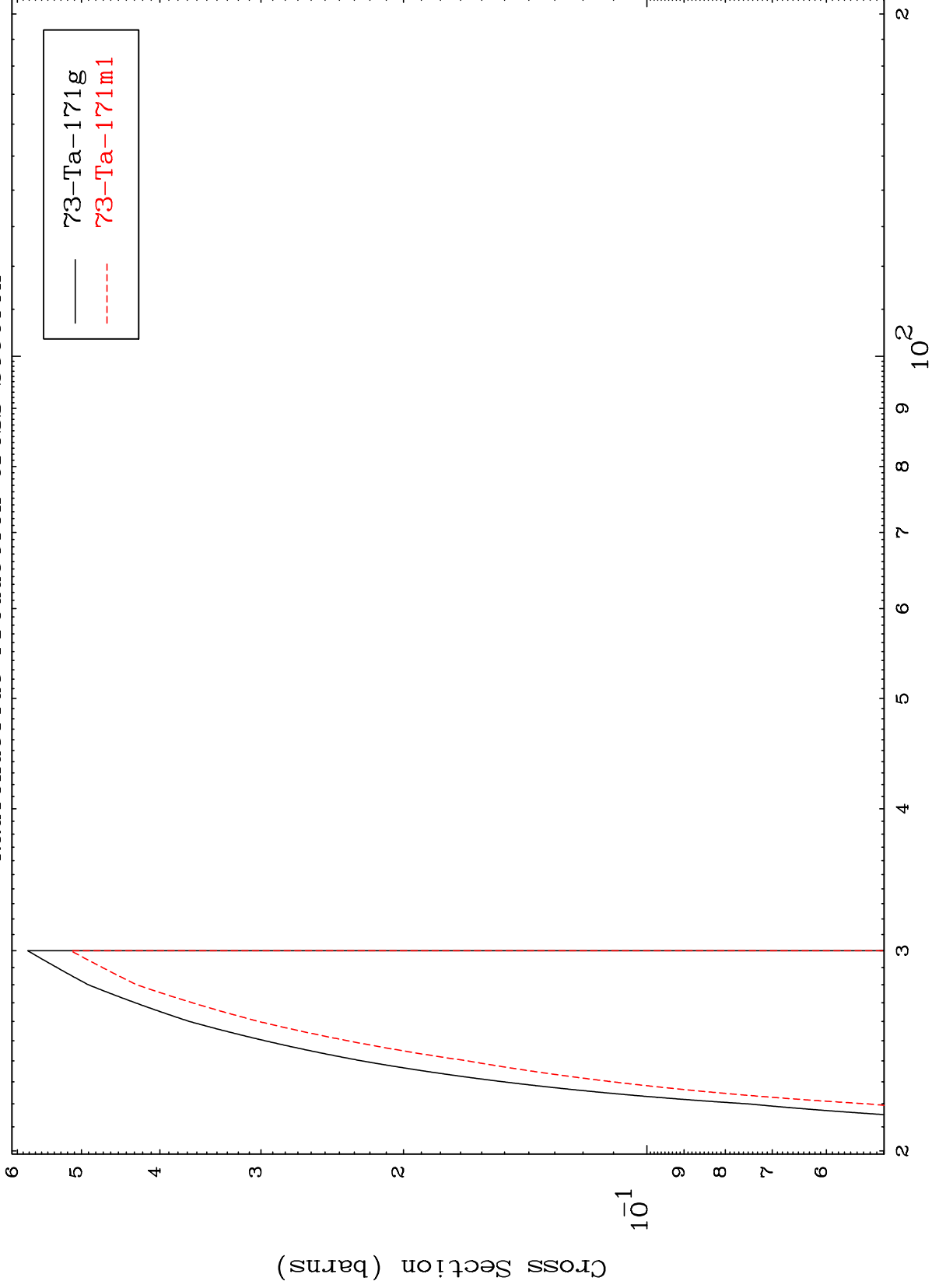
71-Lu-169m

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(n,2n)

⁷¹Lu-169m

Radionuclide Production Cross Section



11

Incident Energy (MeV)

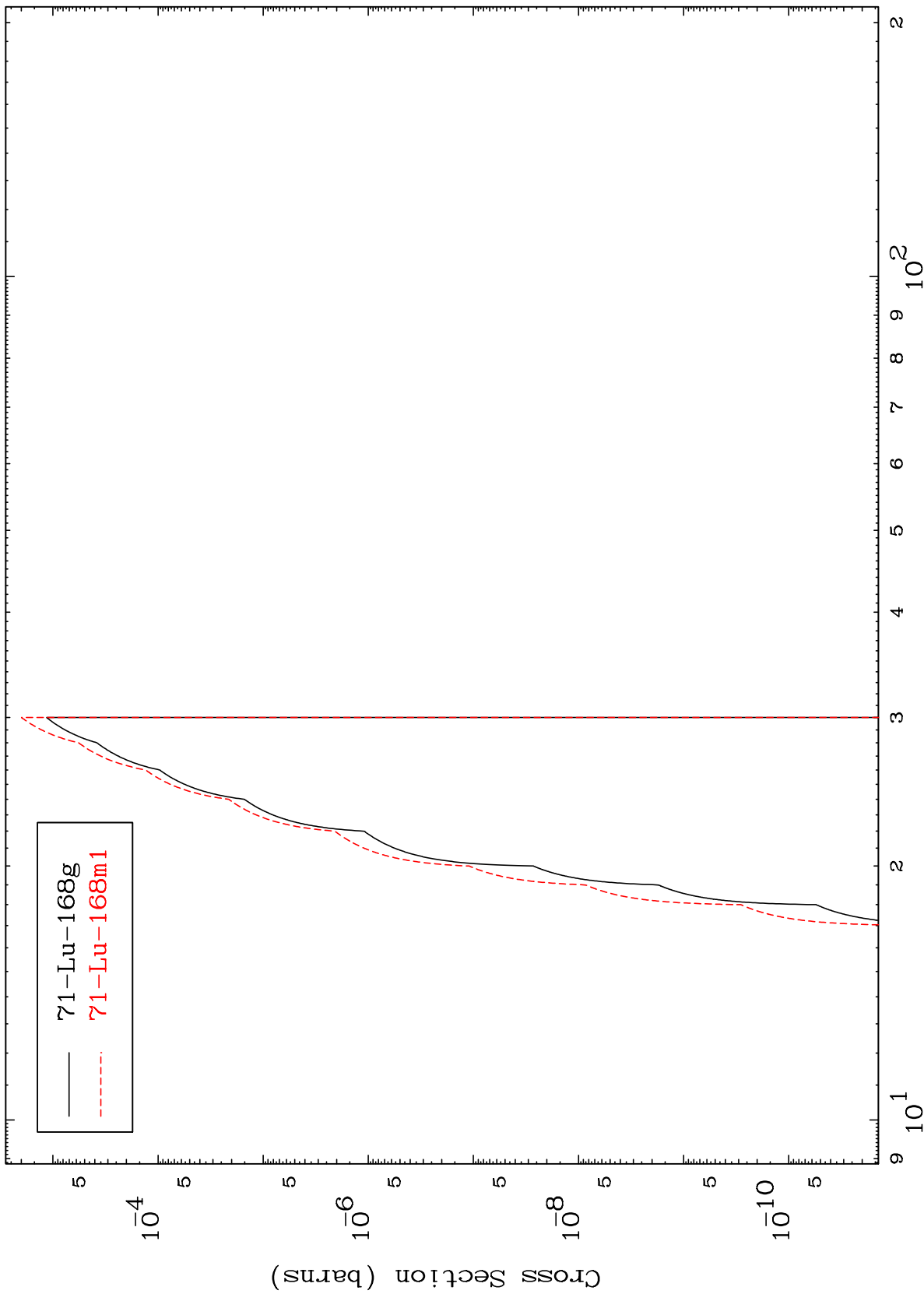
⁷¹Lu-169m

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$(n, n') \alpha$

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

Radionuclide Production Cross Section



Incident Energy (MeV)

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

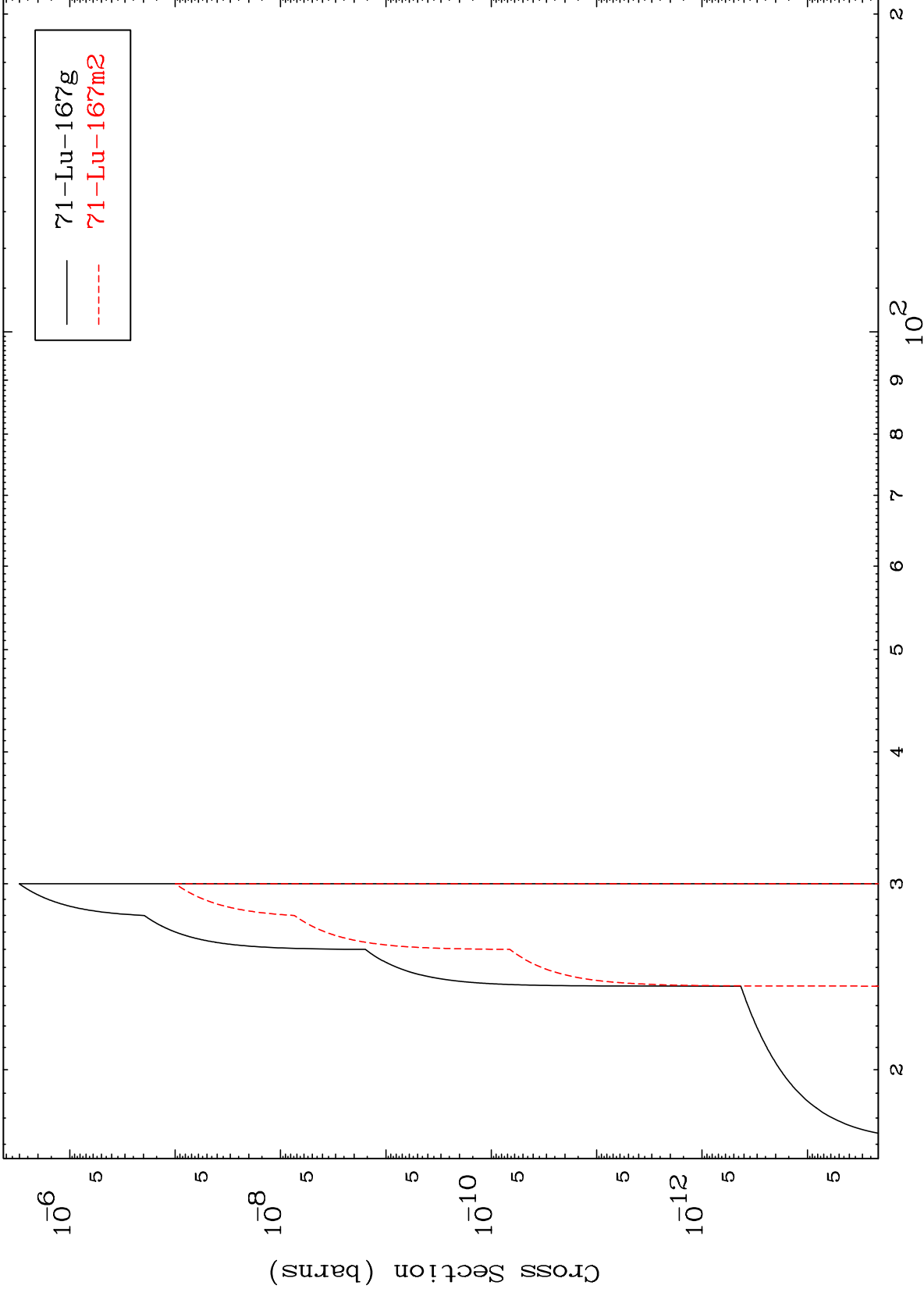
12

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(n,2n) α

⁷¹Lu-169m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

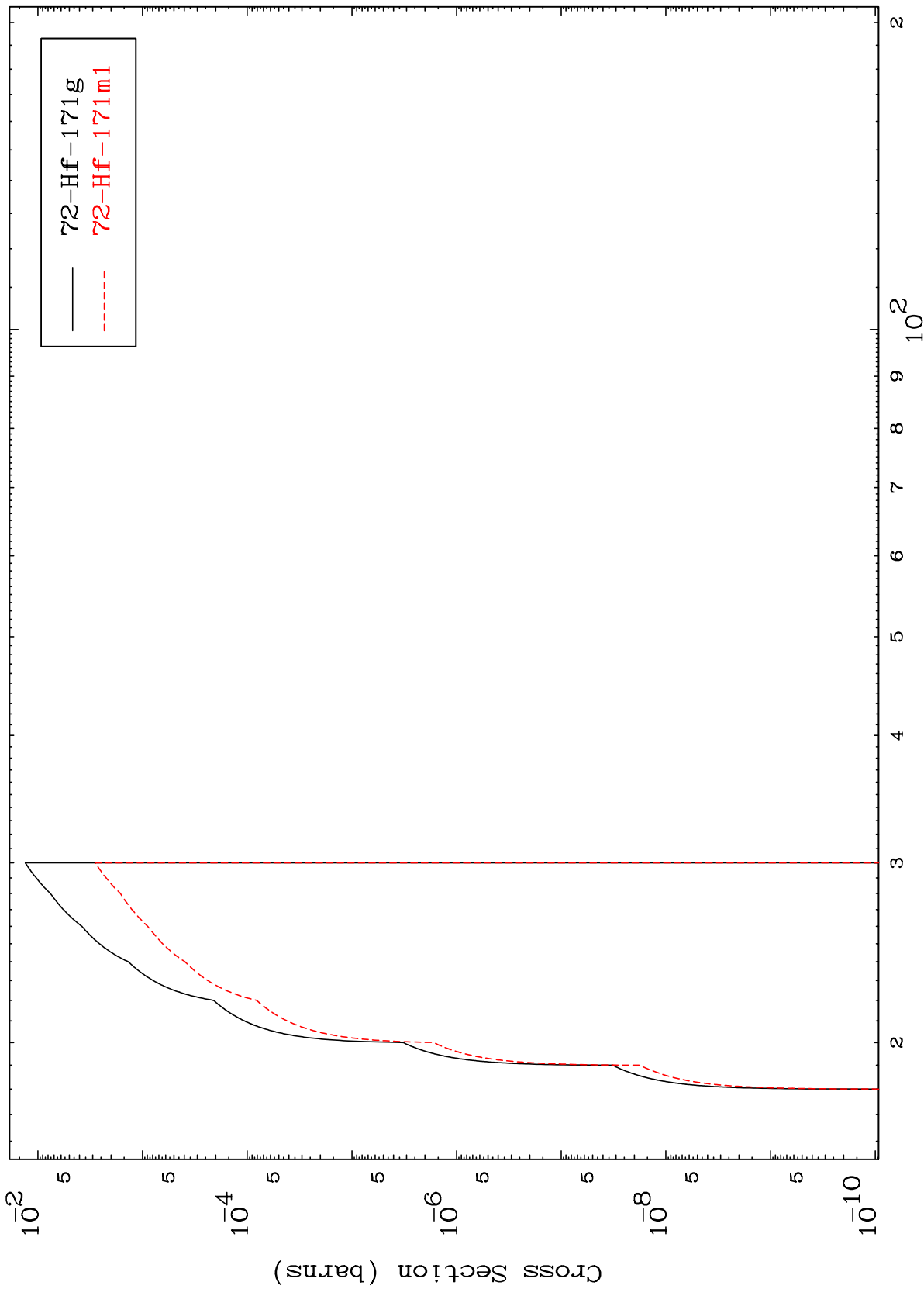
⁷¹Lu-169m

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(n,n') p

71-Lu-169m

Radionuclide Production Cross Section



14

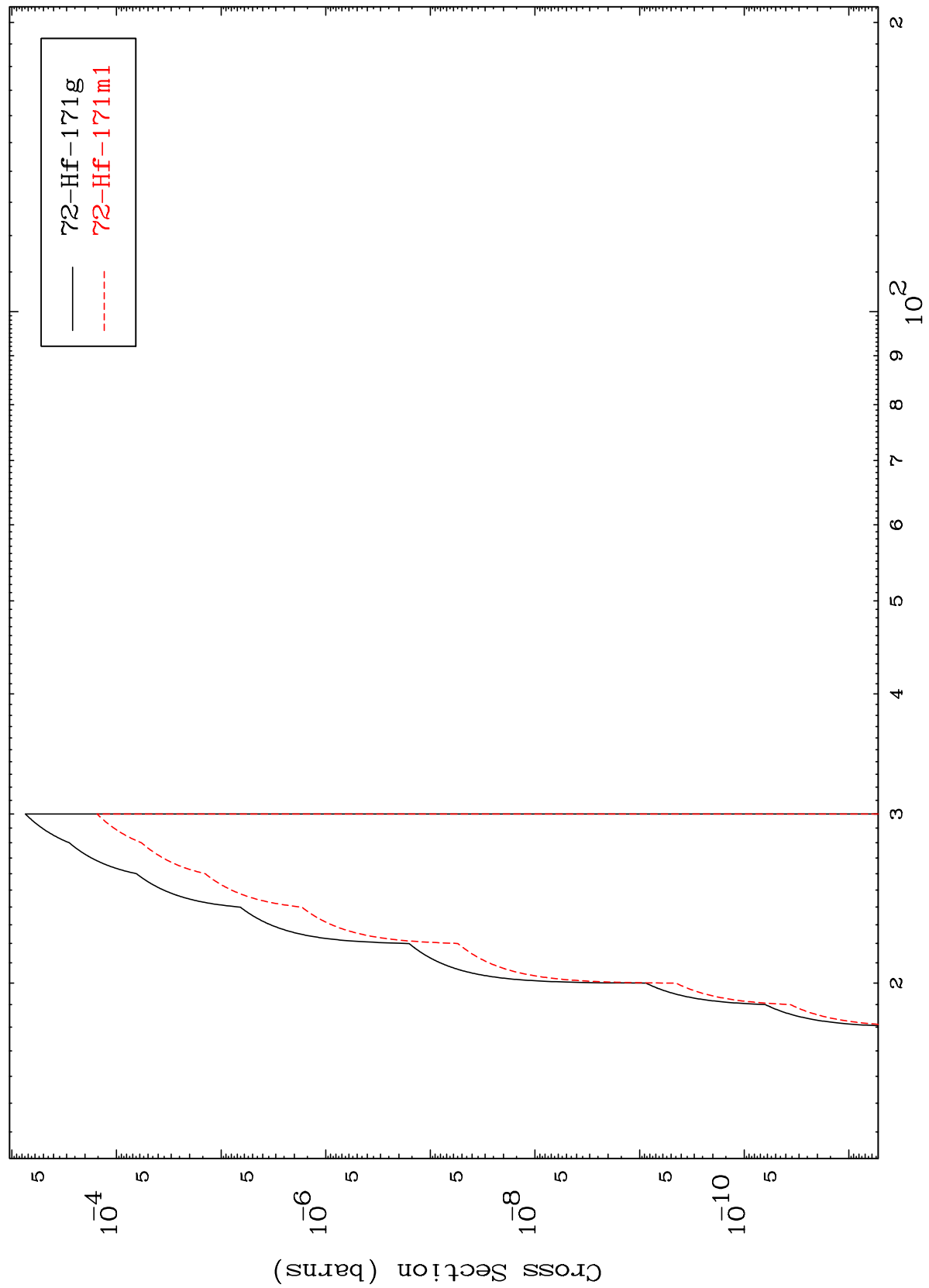
Incident Energy (MeV)

71-Lu-169m

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71-Lu-169m

(n,d)
Radionuclide Production Cross Section



15

71-Lu-169m

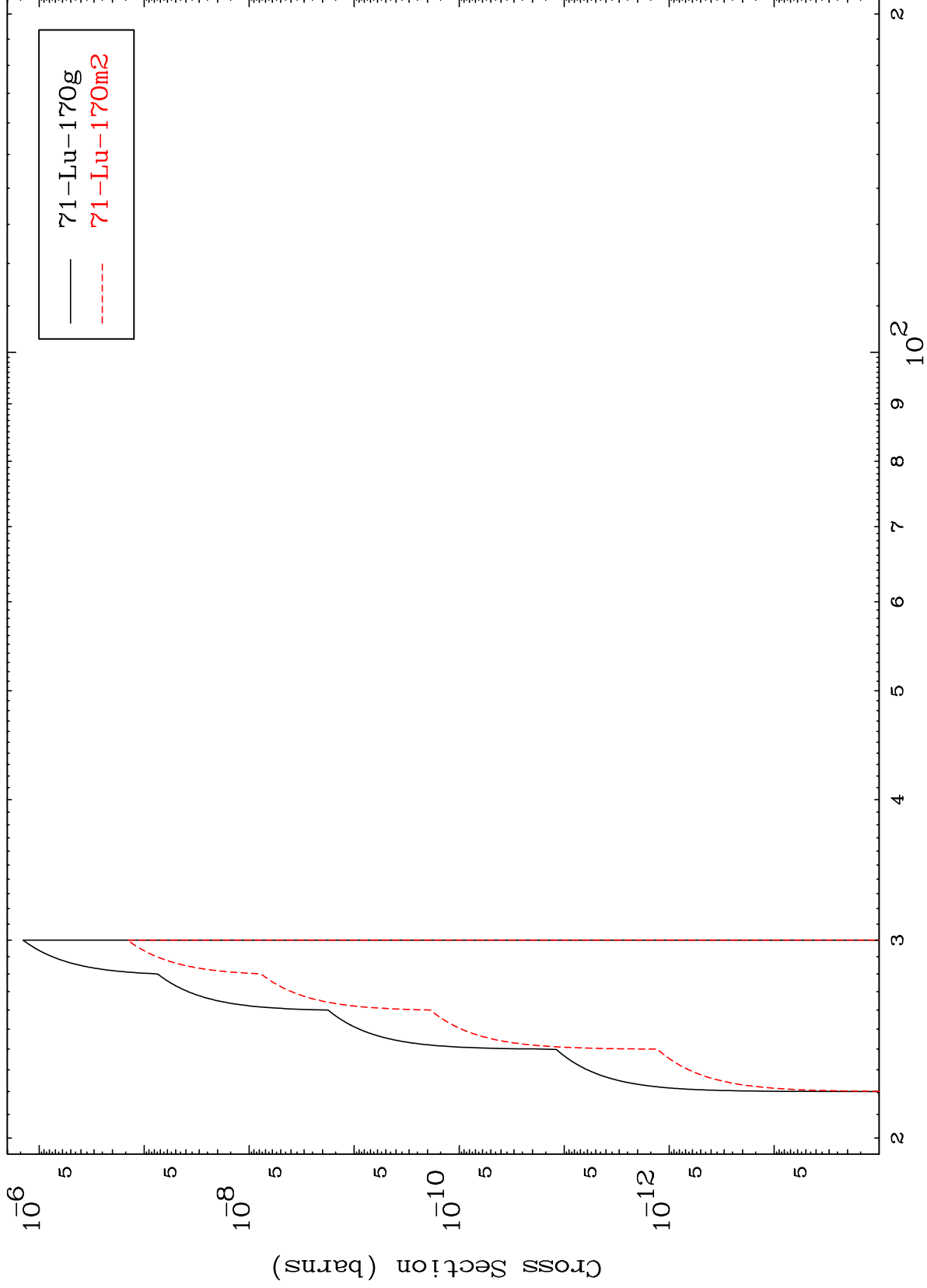
Incident Energy (MeV)

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(n,He-3)

⁷¹Lu-169m

Radionuclide Production Cross Section



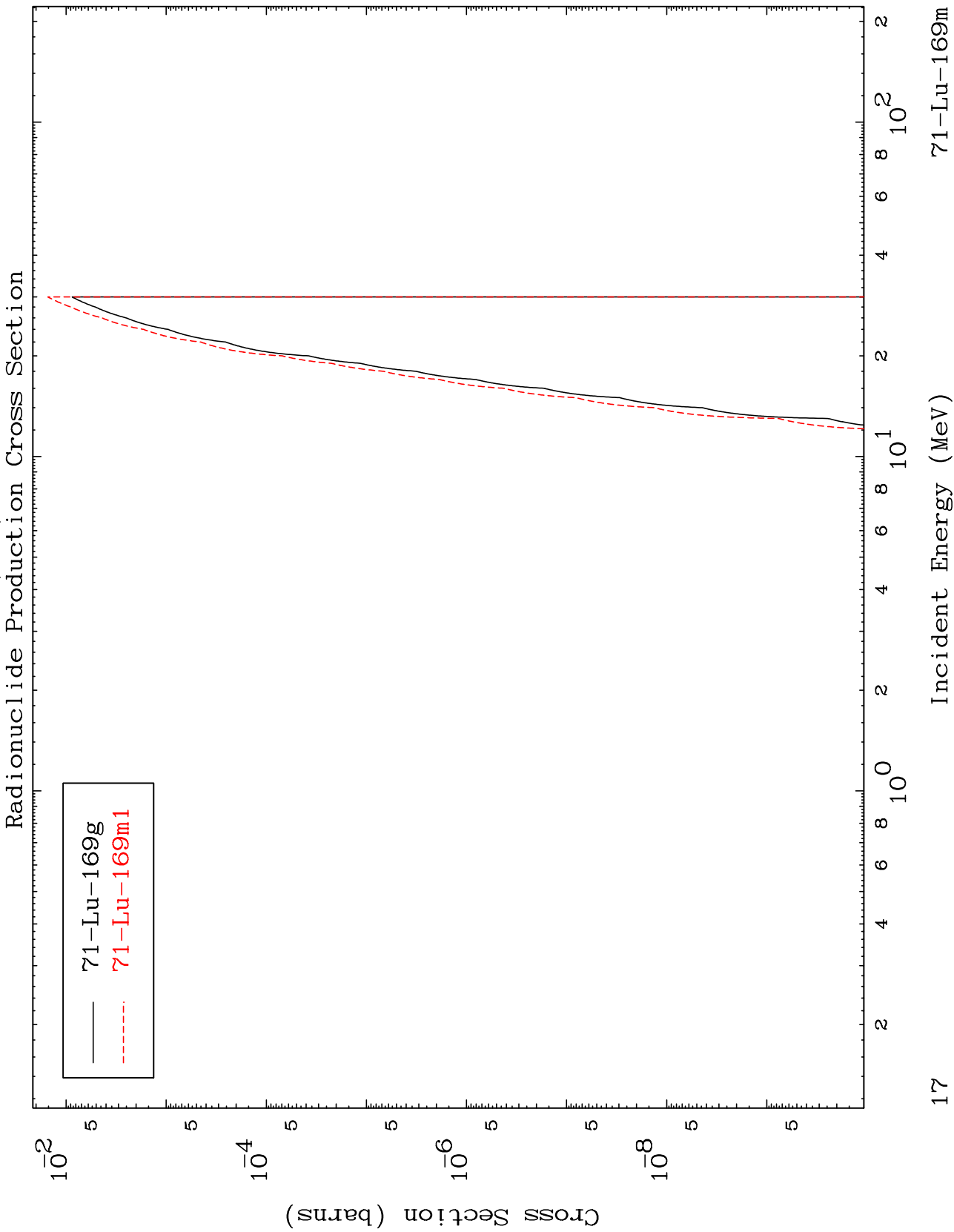
16

Incident Energy (MeV)

⁷¹Lu-169m

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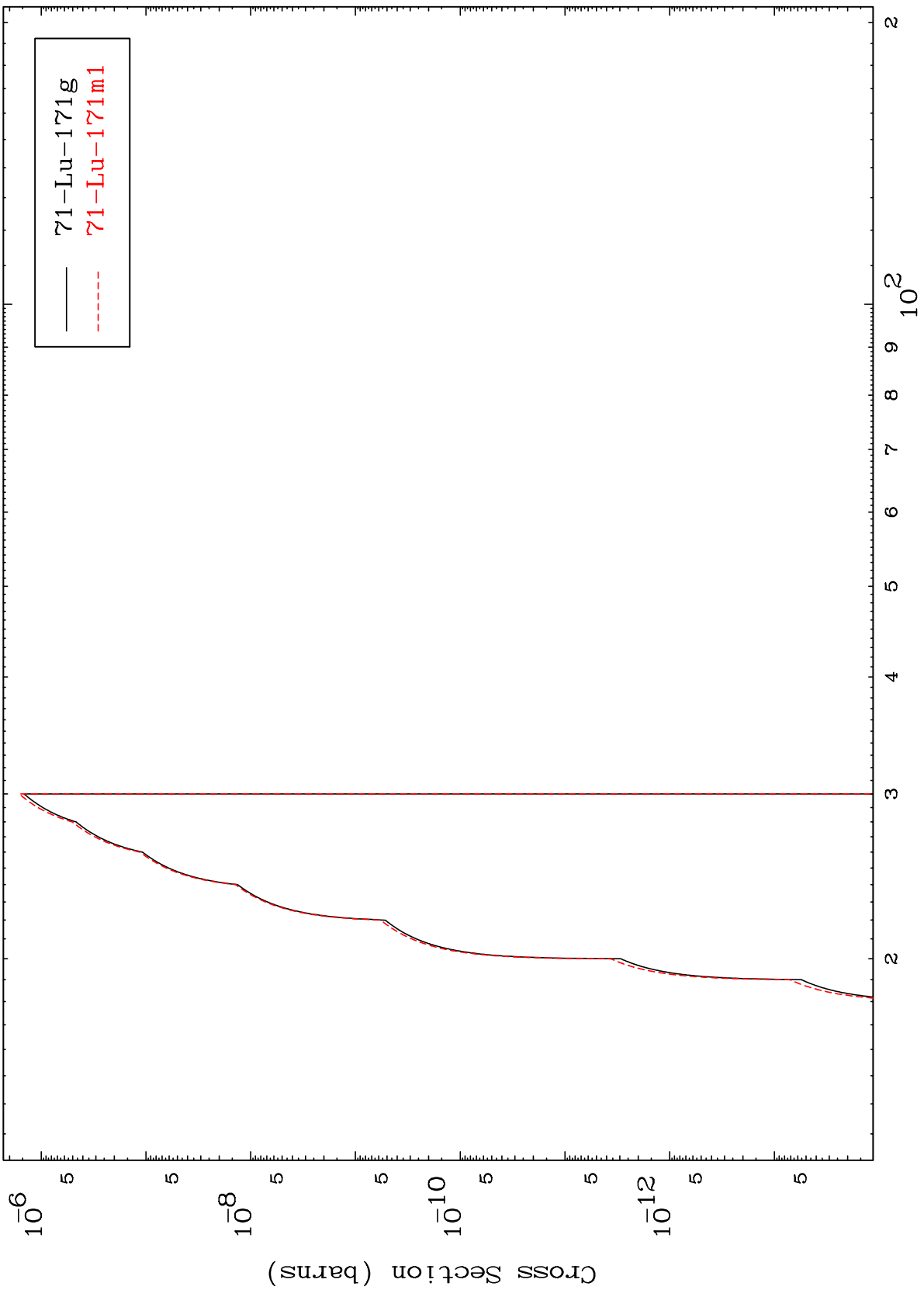
⁷¹Lu-169m



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⁷¹Lu-169m

(n,2p)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

⁷¹Lu-169m