

Program EVALPLOT
(Version 2021-1)

by

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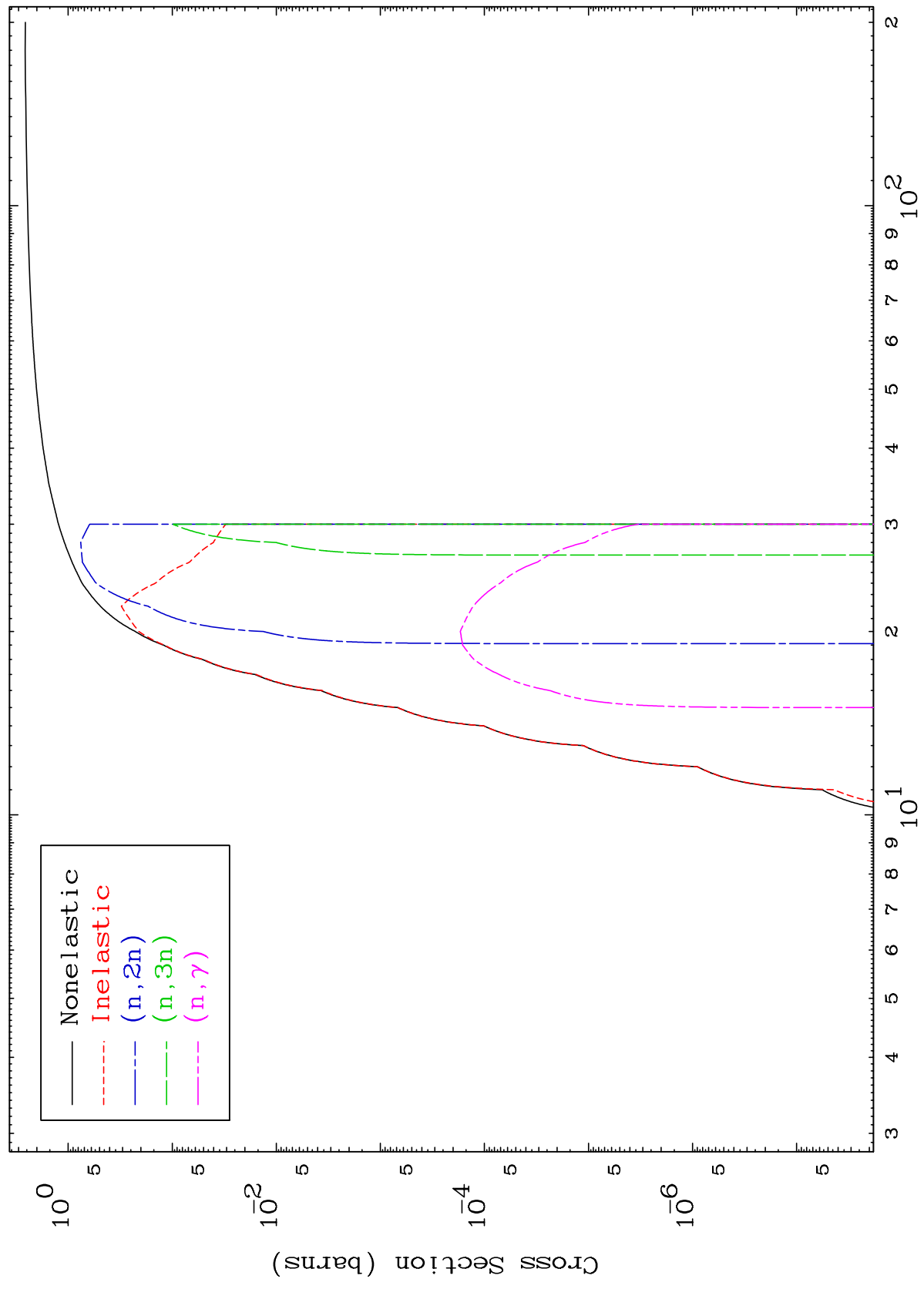
Press Mouse Button to Start

MAT 7117

0 Kelvin

α Major Cross Sections

71-Lu-172m

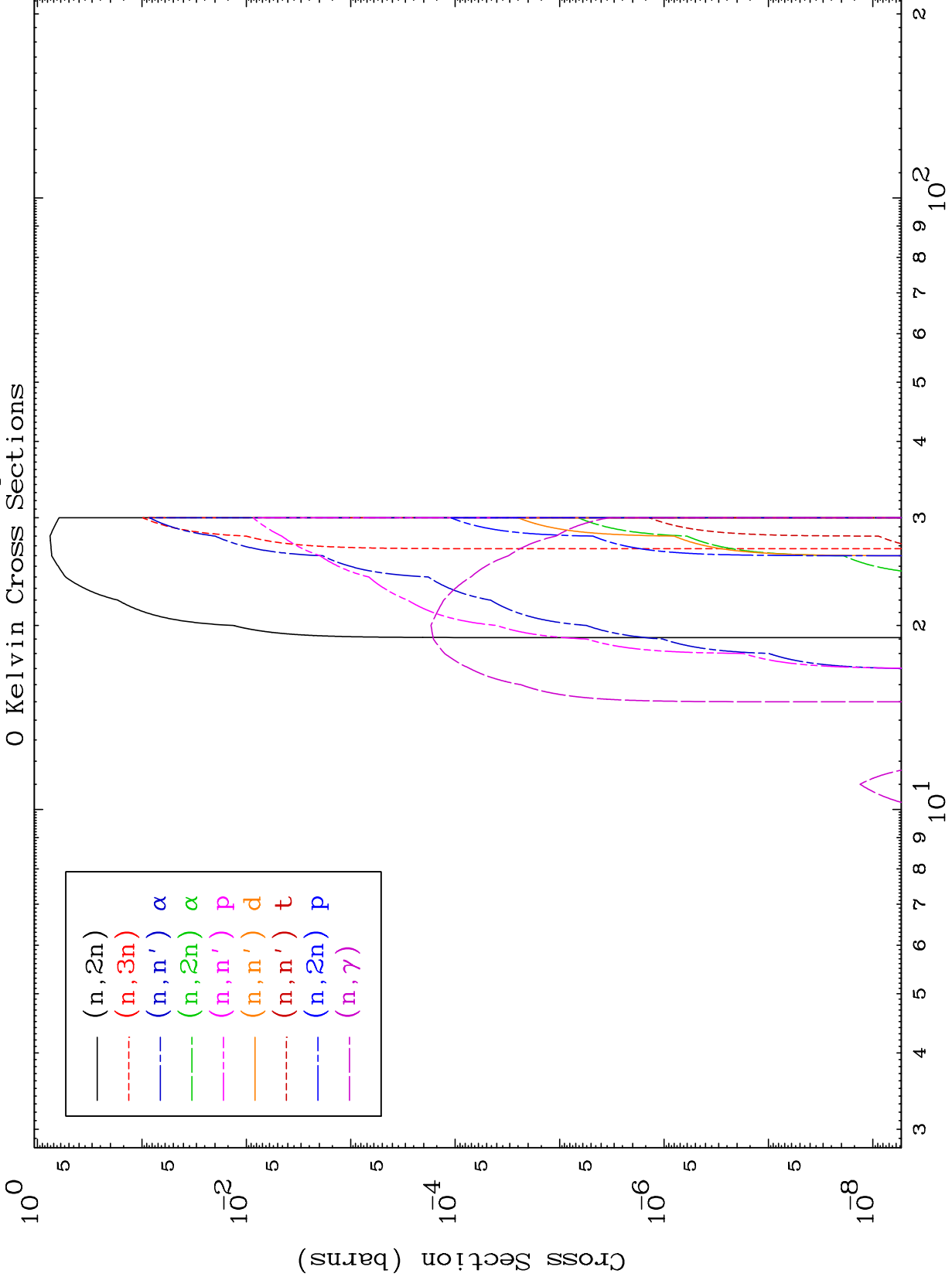


Legend:
— Nonelastic
- - - Inelastic
- - - (n,2n)
- - - (n,3n)
- - - (n, γ)

MAT 7117

α Neutron Absorption
0 Kelvin Cross Sections

71-Lu-172m



Incident Energy (MeV)

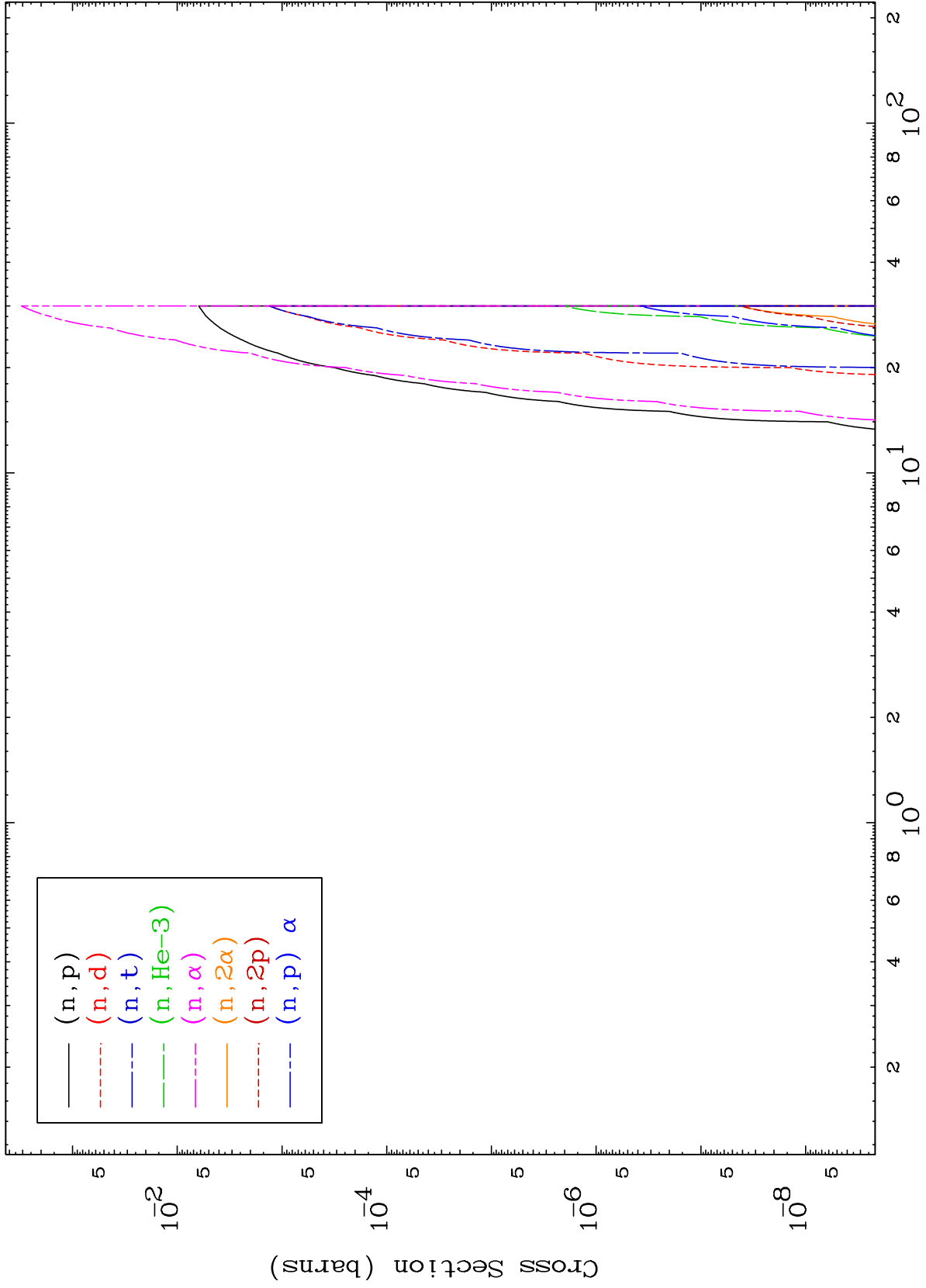
71-Lu-172m

2

MAT 7117

α Neutron Absorption
0 Kelvin Cross Sections

⁷¹Lu-172m

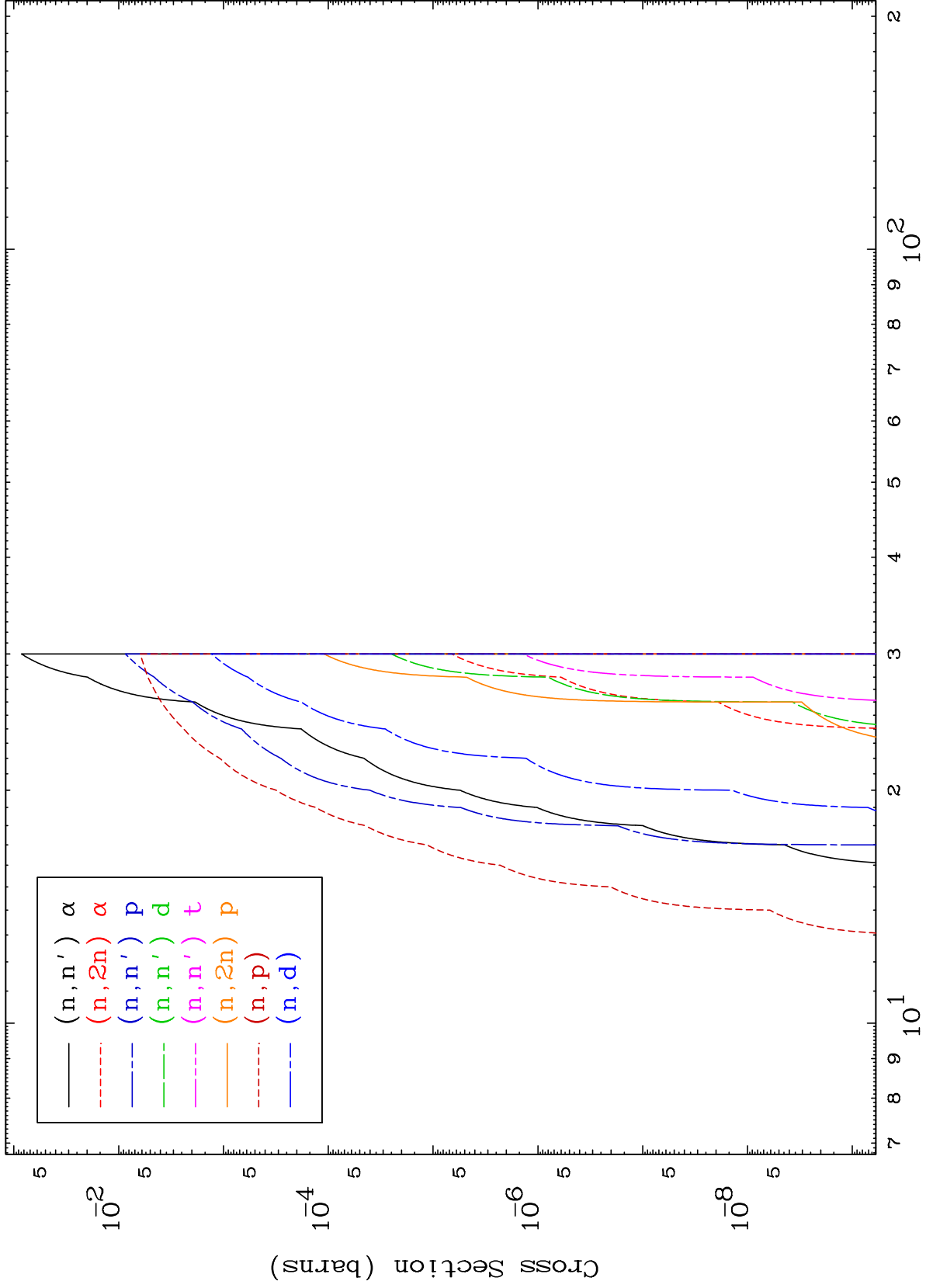


MAT 7117

α Charged Particle

71-Lu-172m

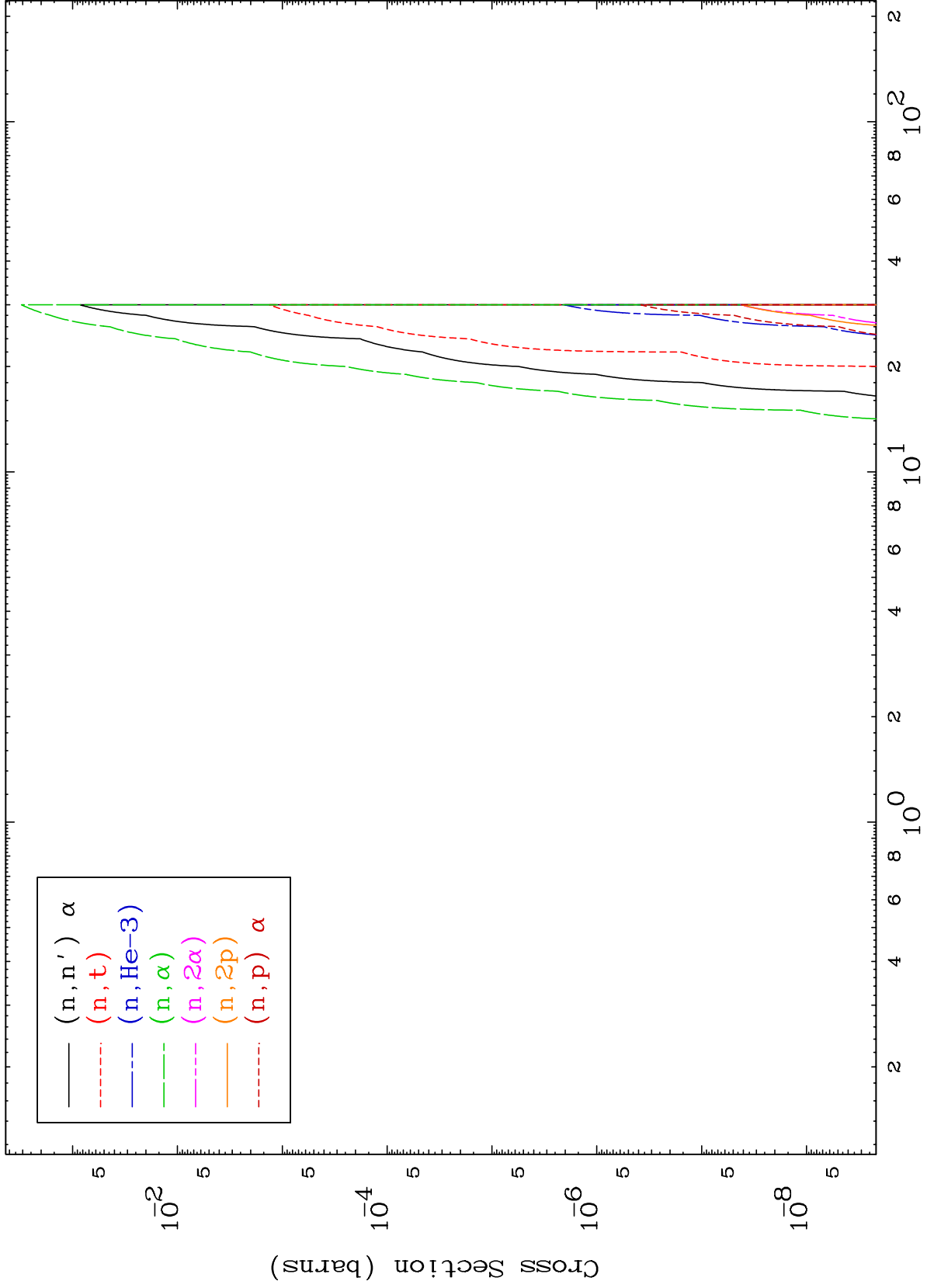
0 Kelvin Cross Sections



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α Charged Particle
0 Kelvin Cross Sections

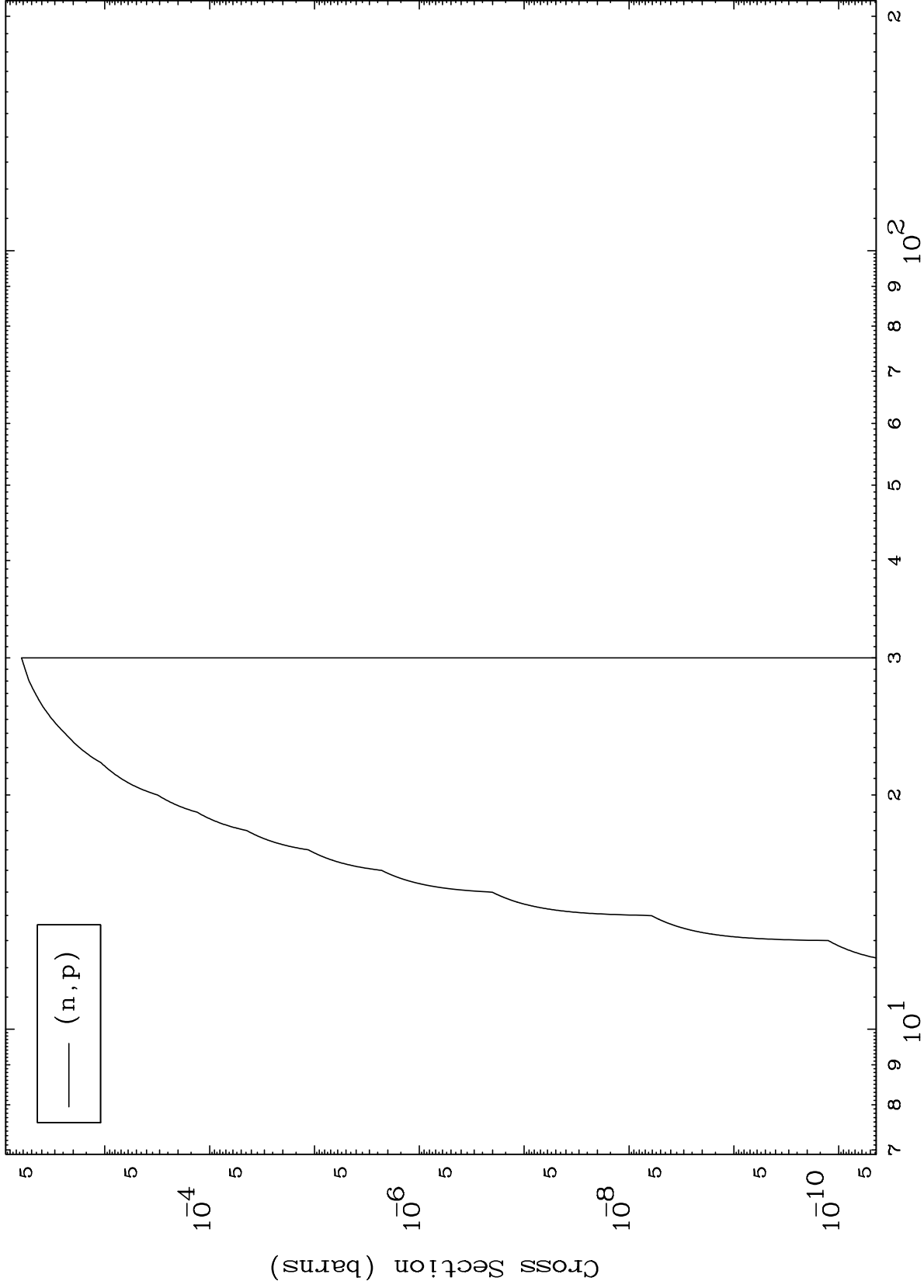
71-Lu-172m



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(α, p) Levels
0 Kelvin Cross Sections

71-Lu-172m



6

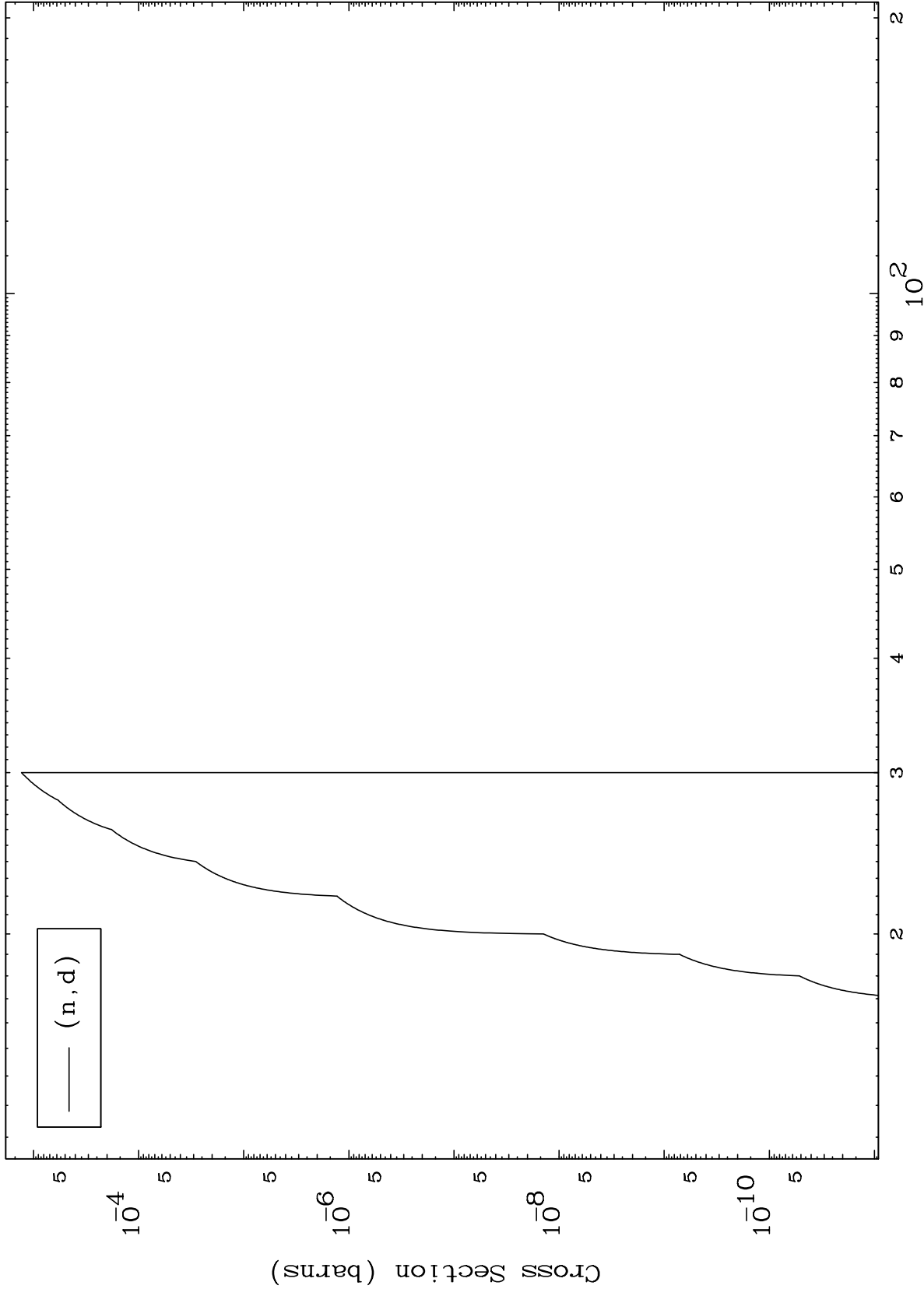
Incident Energy (MeV)

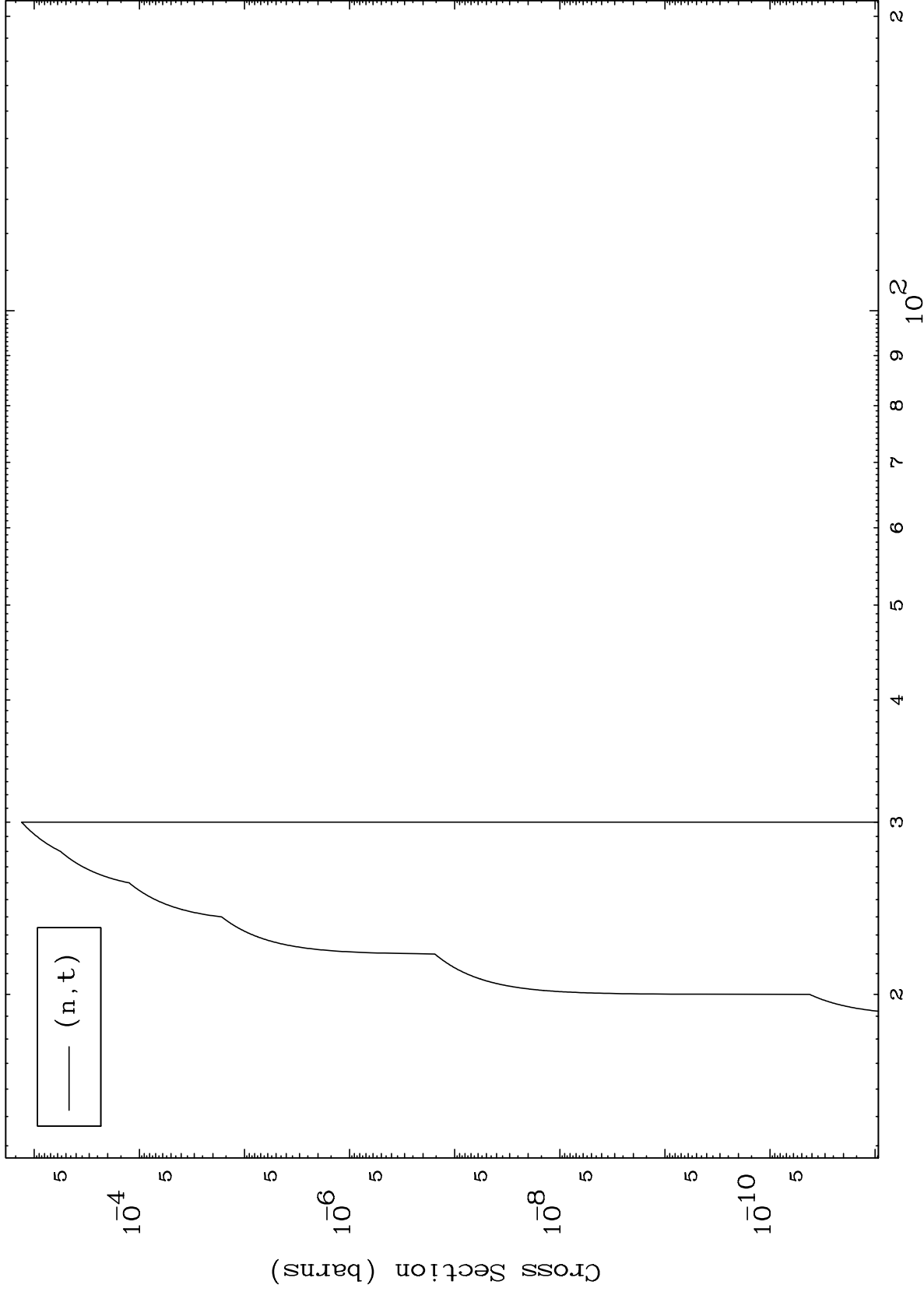
71-Lu-172m

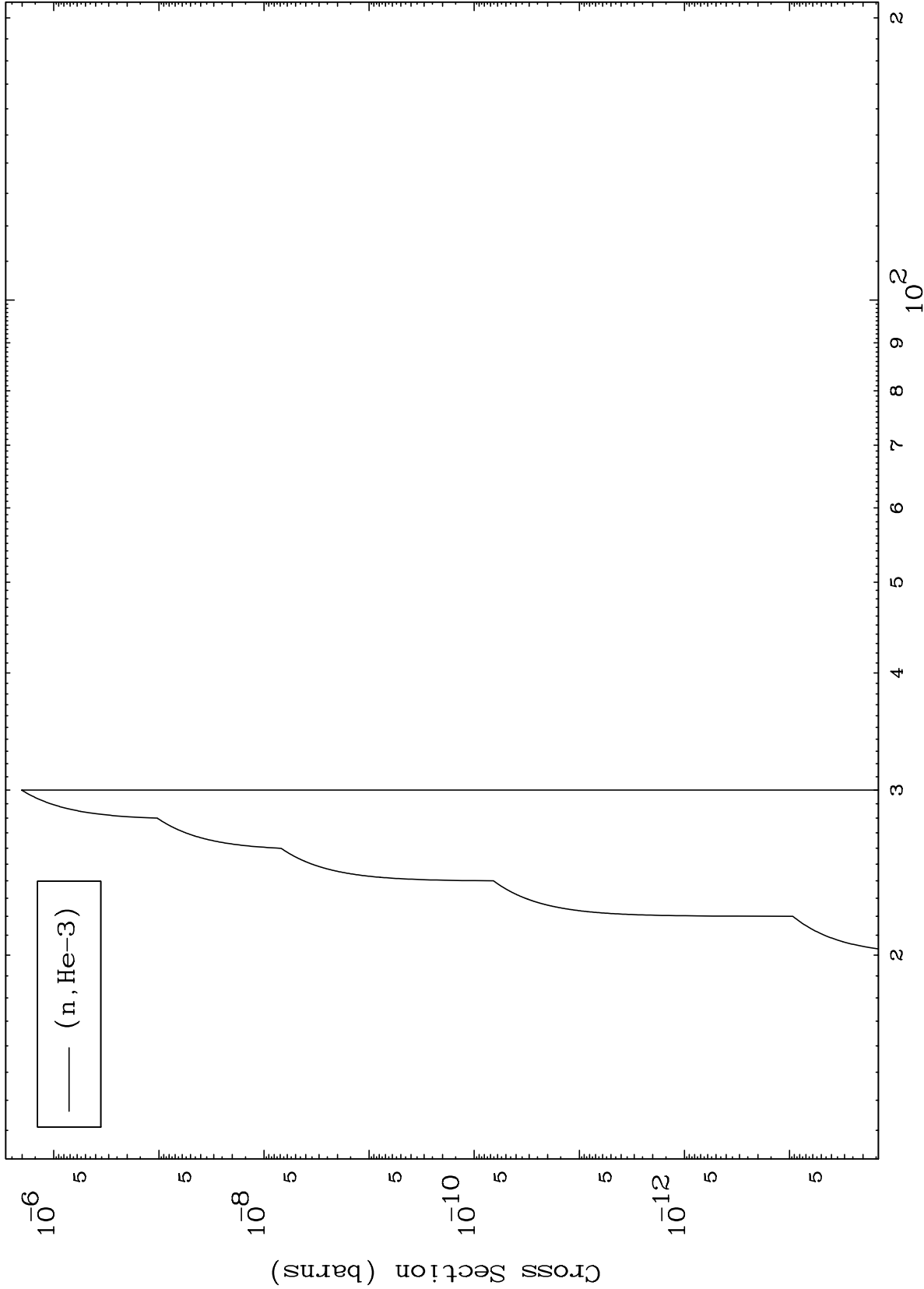
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(α, d) Levels
0 Kelvin Cross Sections

71-Lu-172m





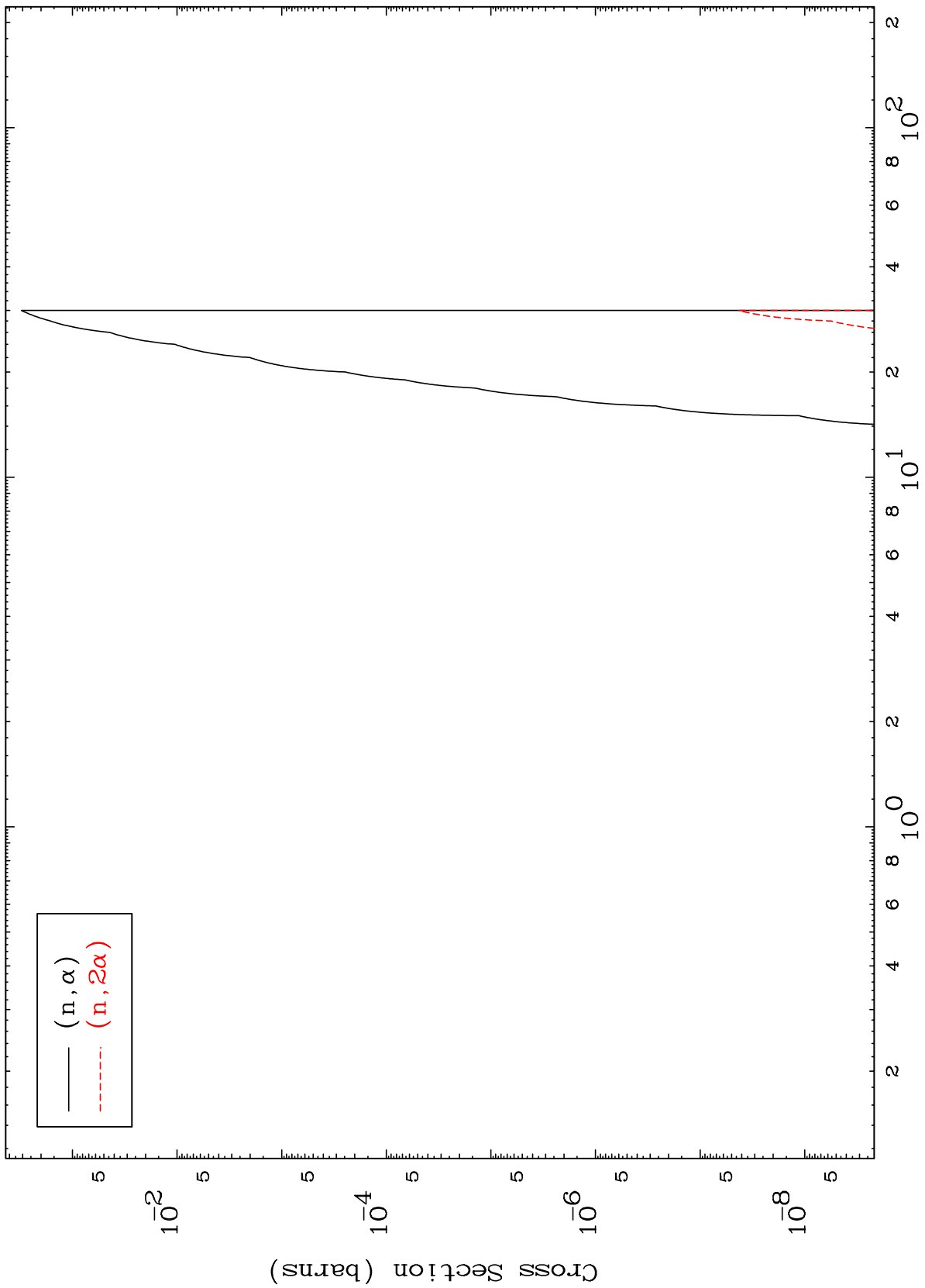


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(α, α) Levels

71-Lu-172m

0 Kelvin Cross Sections



— (n, α)
- - - (n, 2α)

10

Incident Energy (MeV)

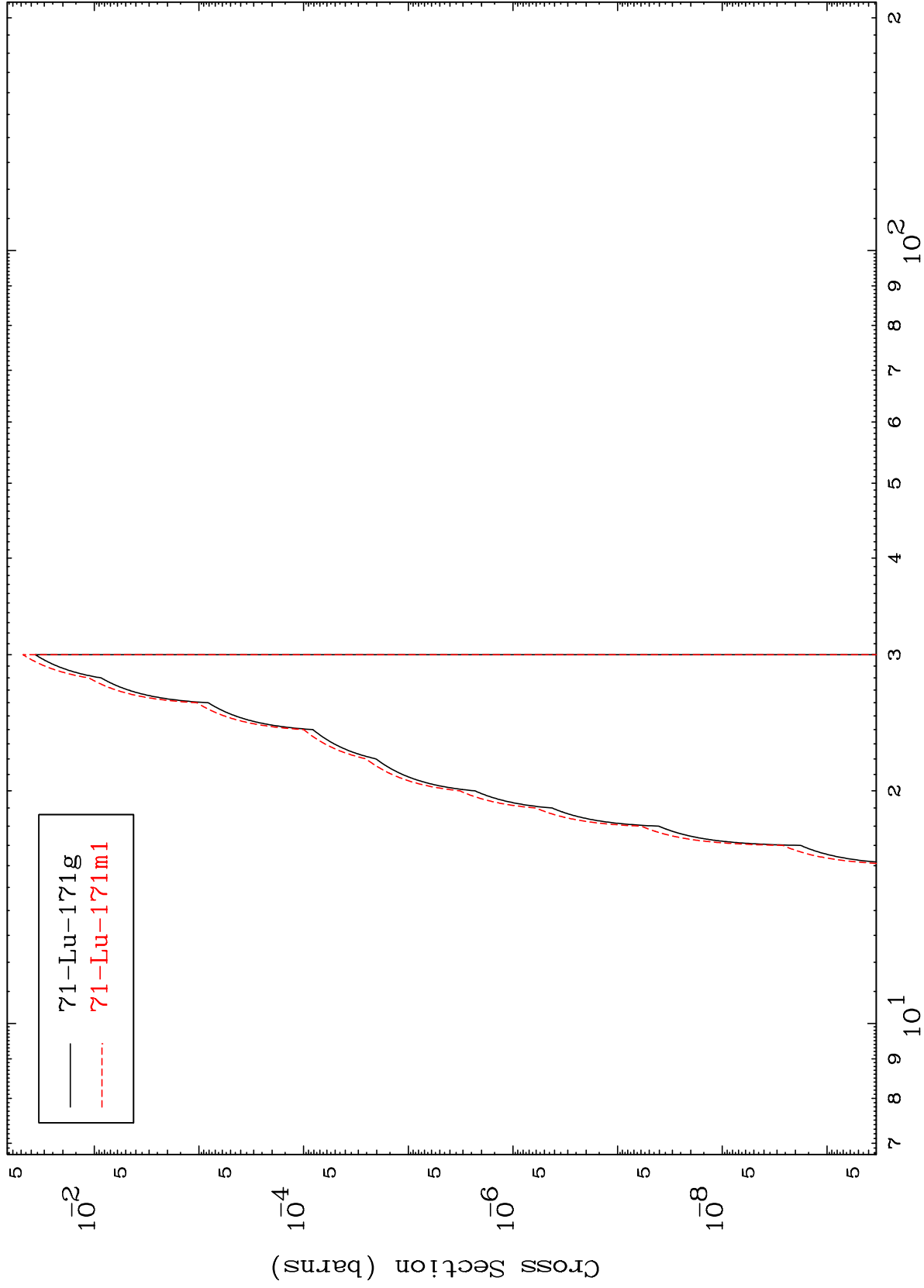
71-Lu-172m

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(n,n') α

⁷¹Lu-172m

Radionuclide Production Cross Section



11

Incident Energy (MeV)

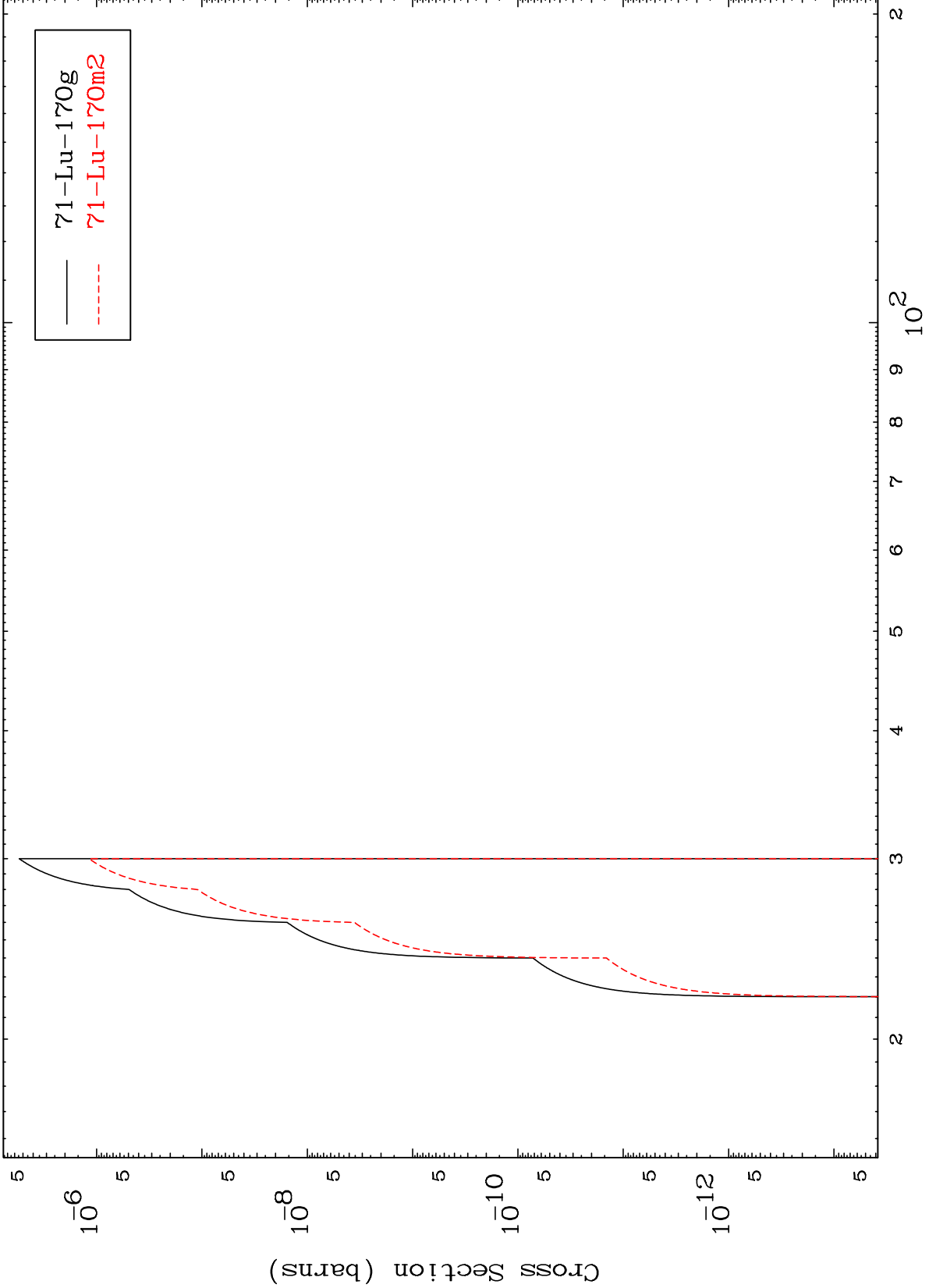
⁷¹Lu-172m

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(n,2n) α

71-Lu-172m

Radionuclide Production Cross Section



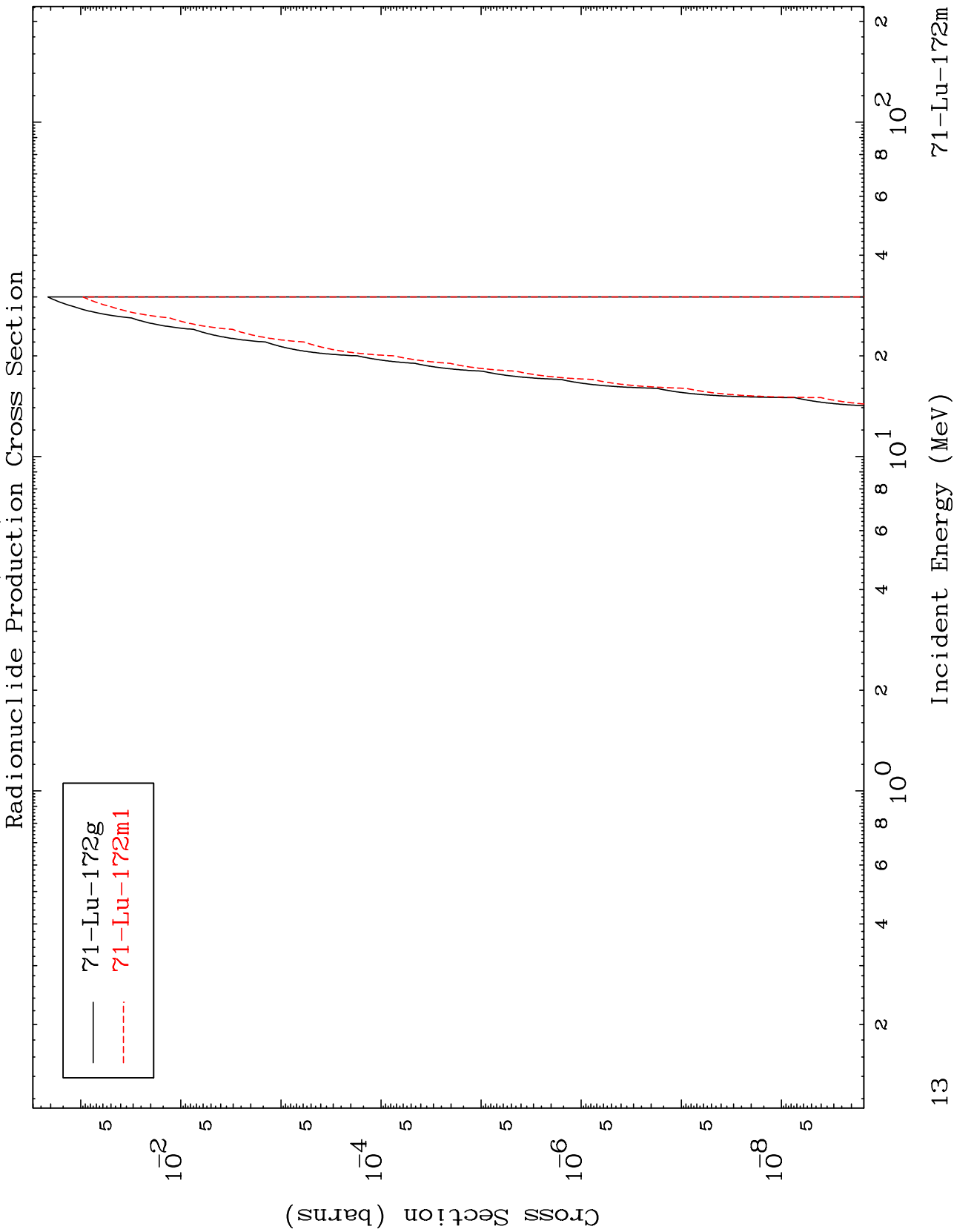
12

Incident Energy (MeV)

71-Lu-172m

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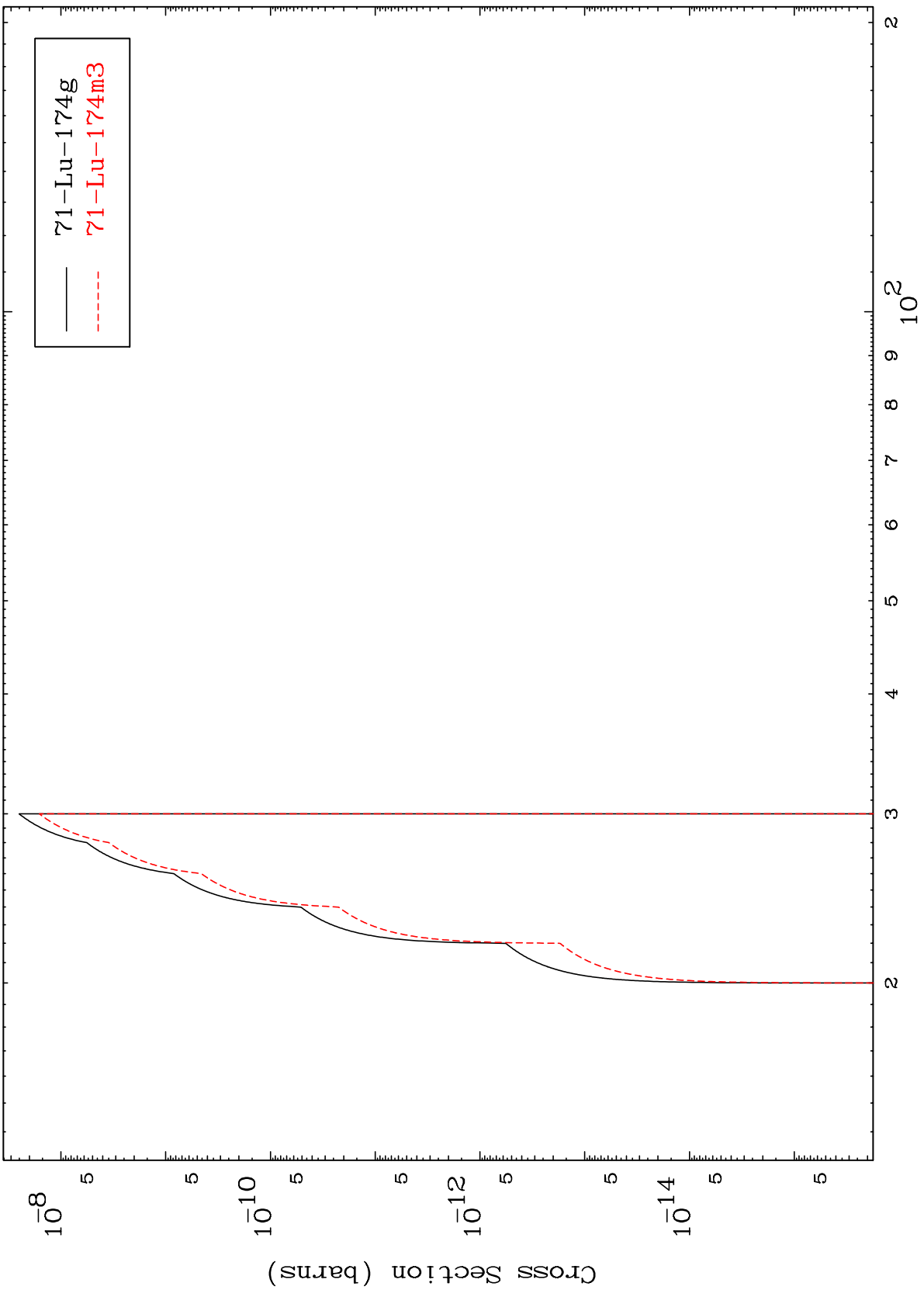
⁷¹Lu-172m



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71-Lu-172m

(n,2p)
Radionuclide Production Cross Section



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71-Lu-172m

Incident Energy (MeV)