

Program EVALPLOT
(Version 2021-1)

by

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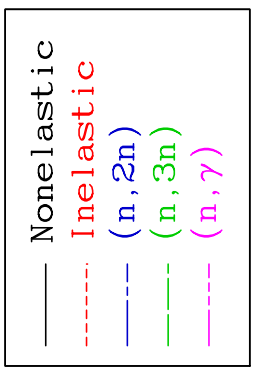
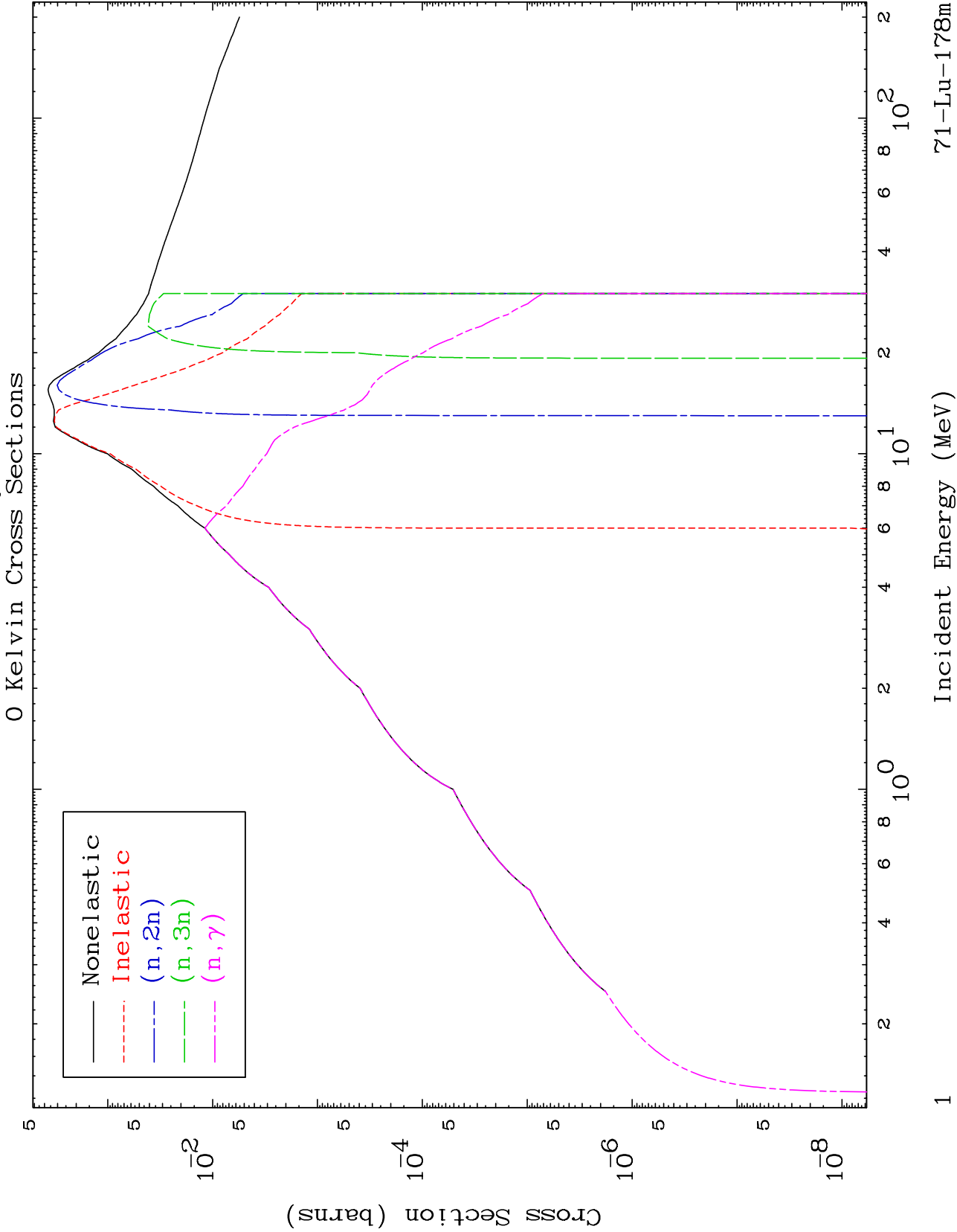
Web:redcullen1.net/HOMEPAGE.NEW

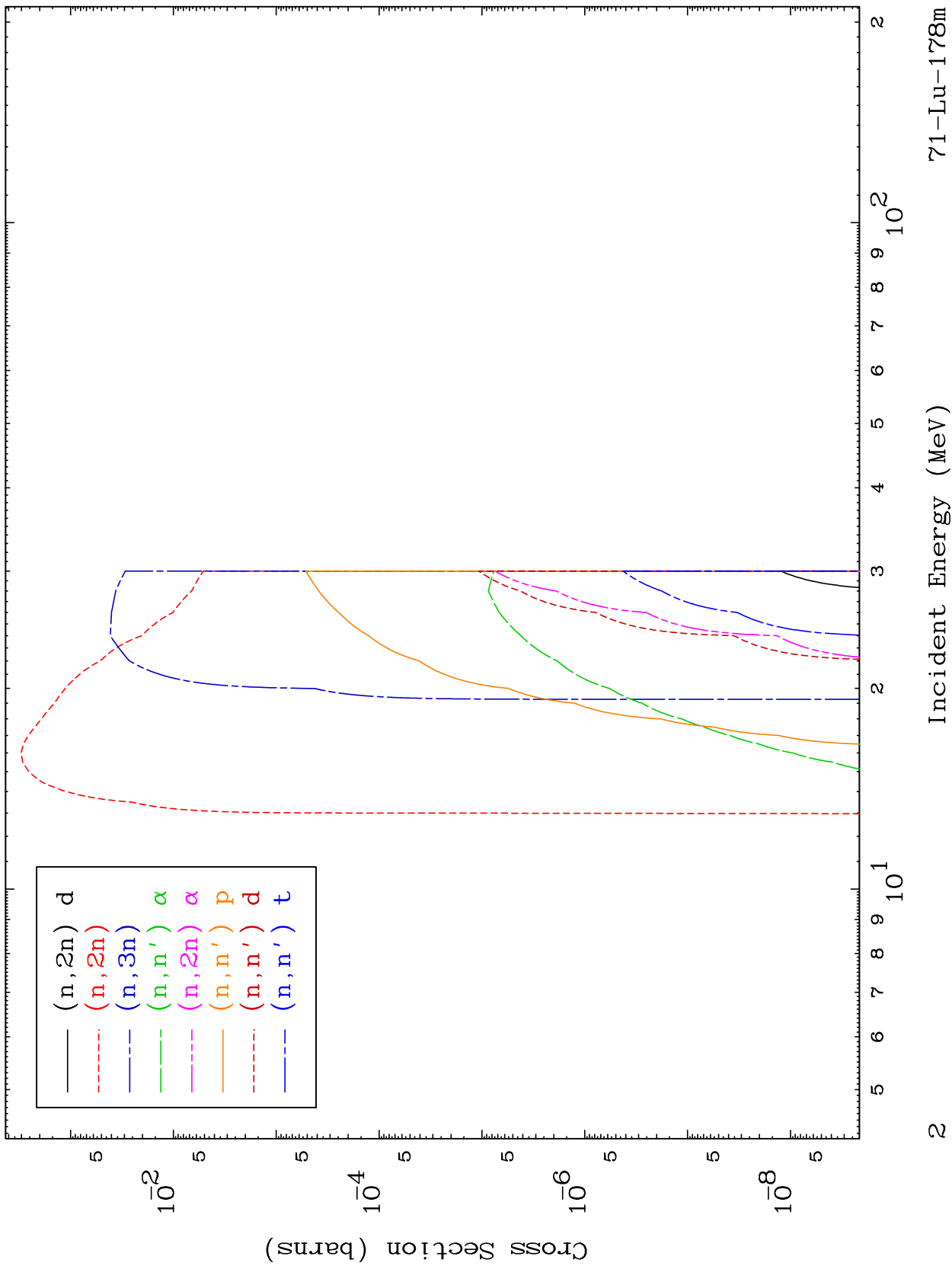
Press Mouse Button to Start

MAT 7135

Photon Major

71-Lu-178m

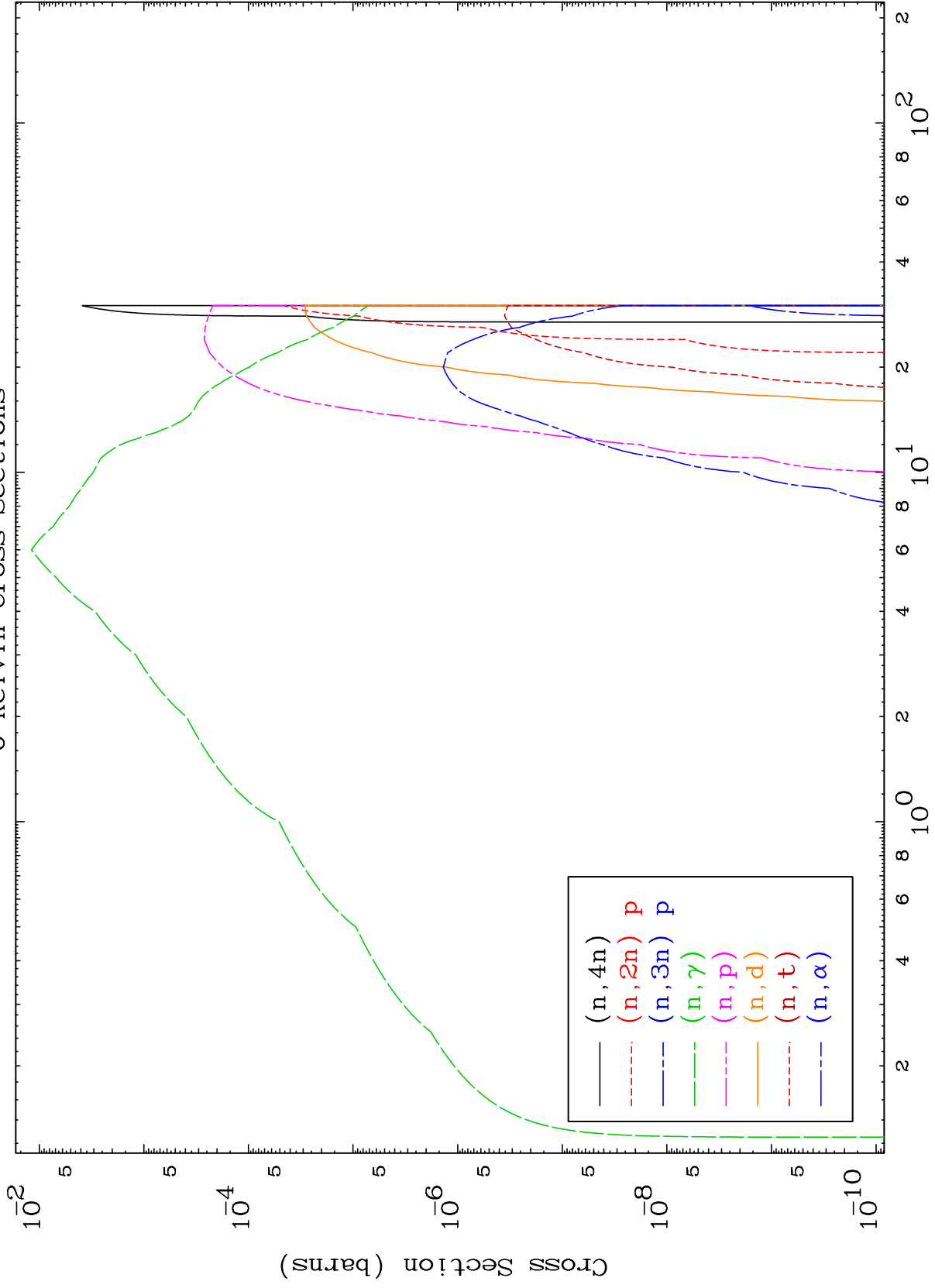




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Photon Neutron Absorption
0 Kelvin Cross Sections

71-Lu-178m



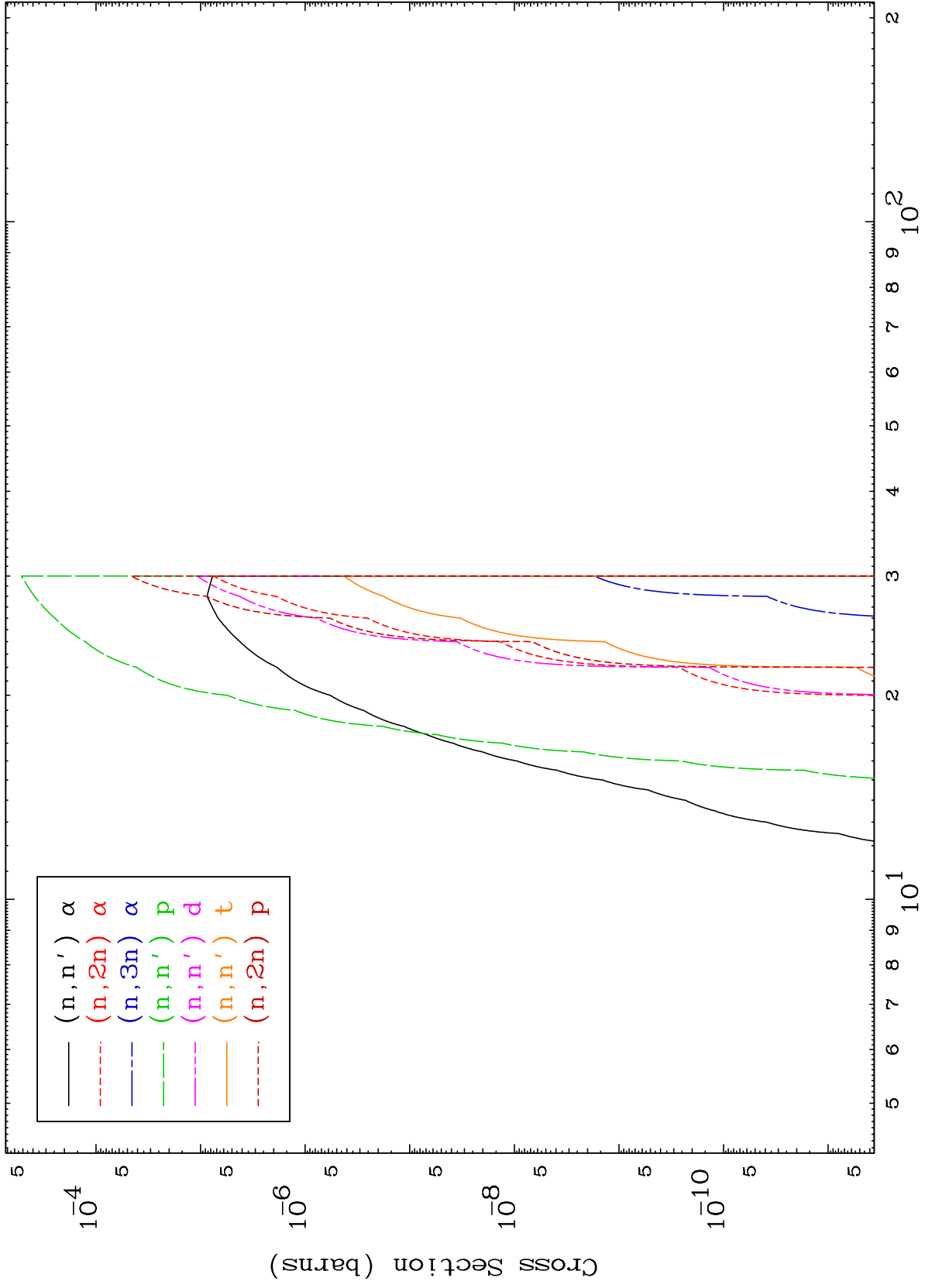
71-Lu-178m

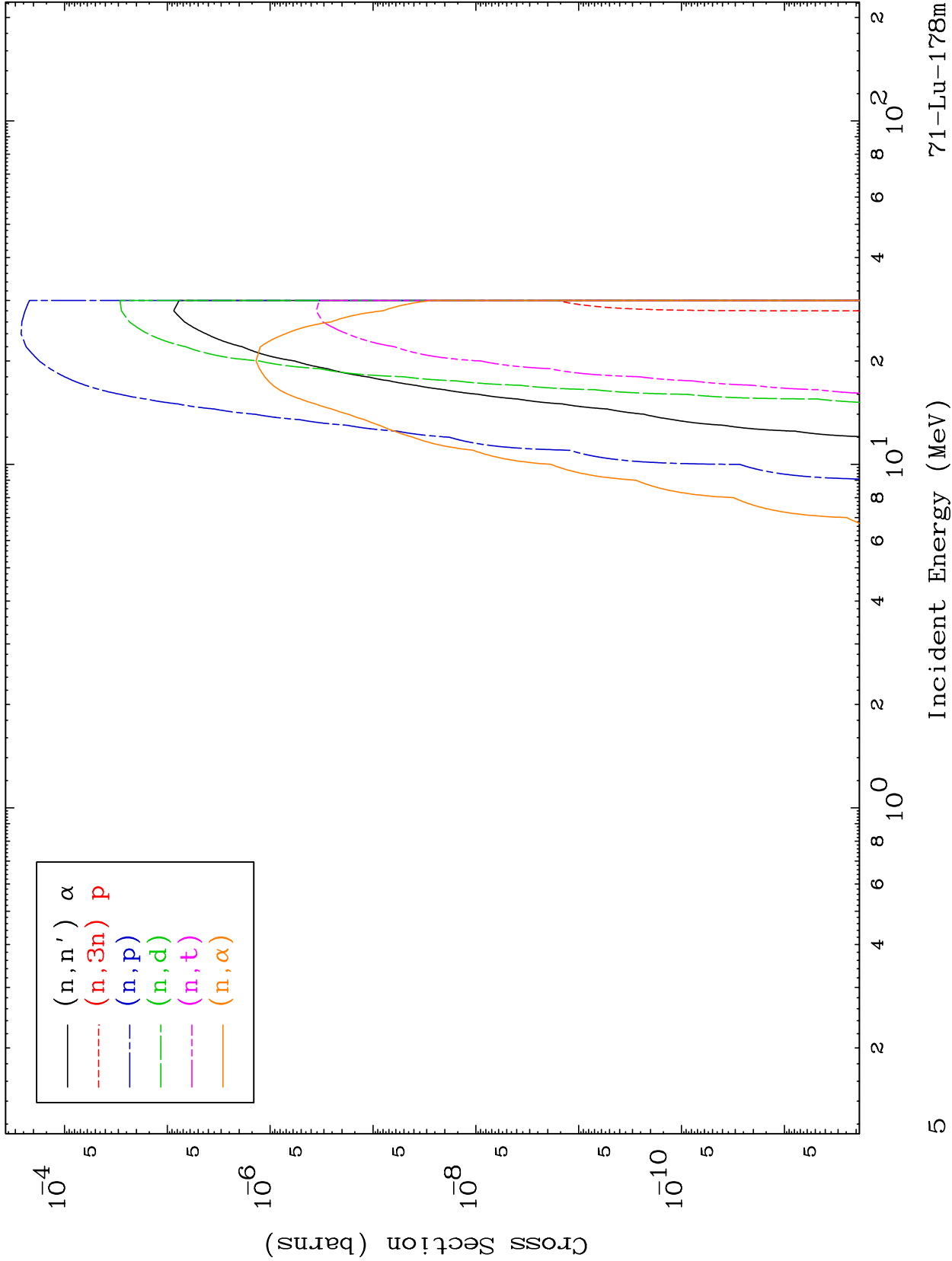
Incident Energy (MeV)

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Photon Charged Particle
0 Kelvin Cross Sections

71-Lu-178m

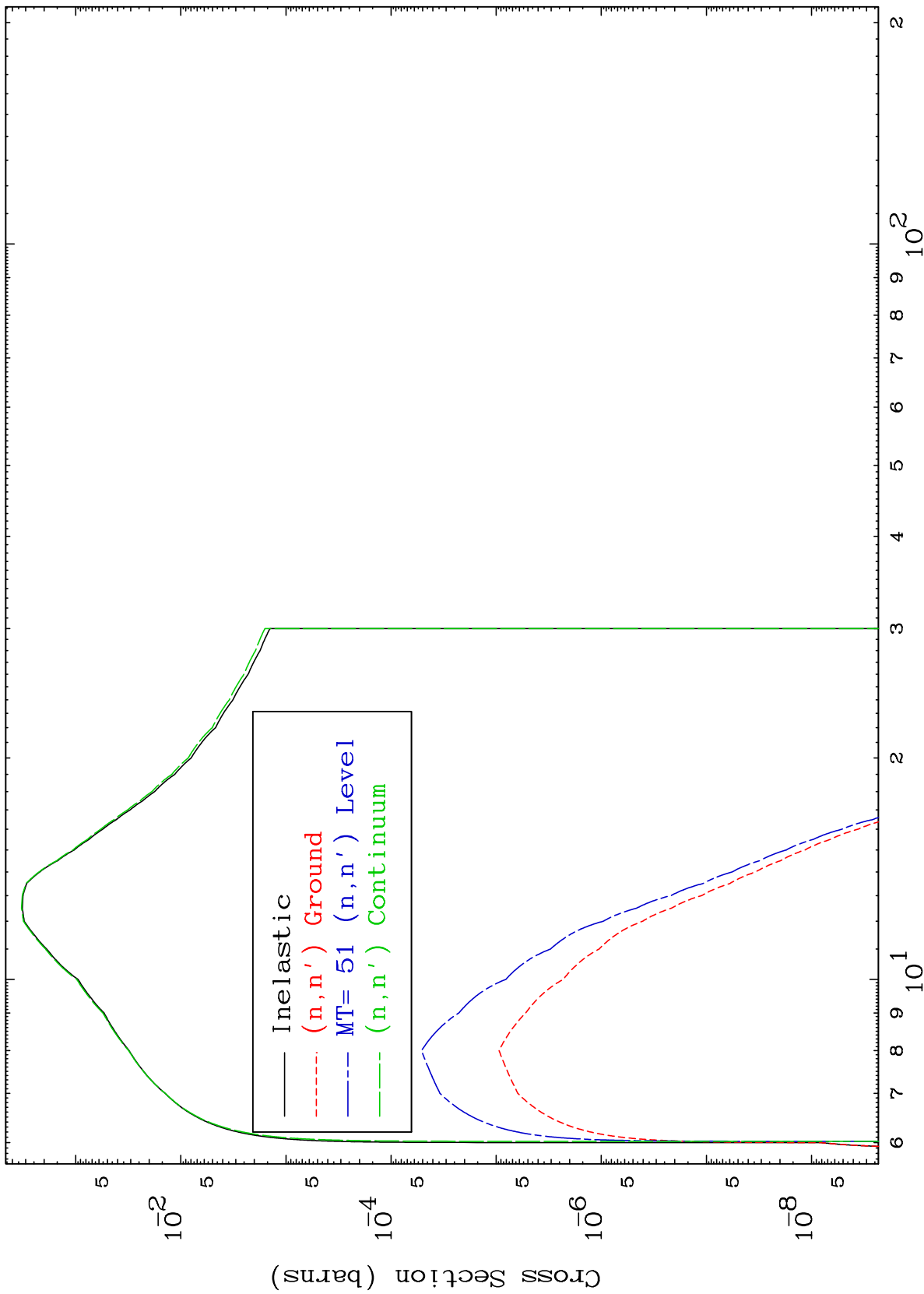




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71-Lu-178m

(γ, n') Levels
0 Kelvin Cross Sections



71-Lu-178m

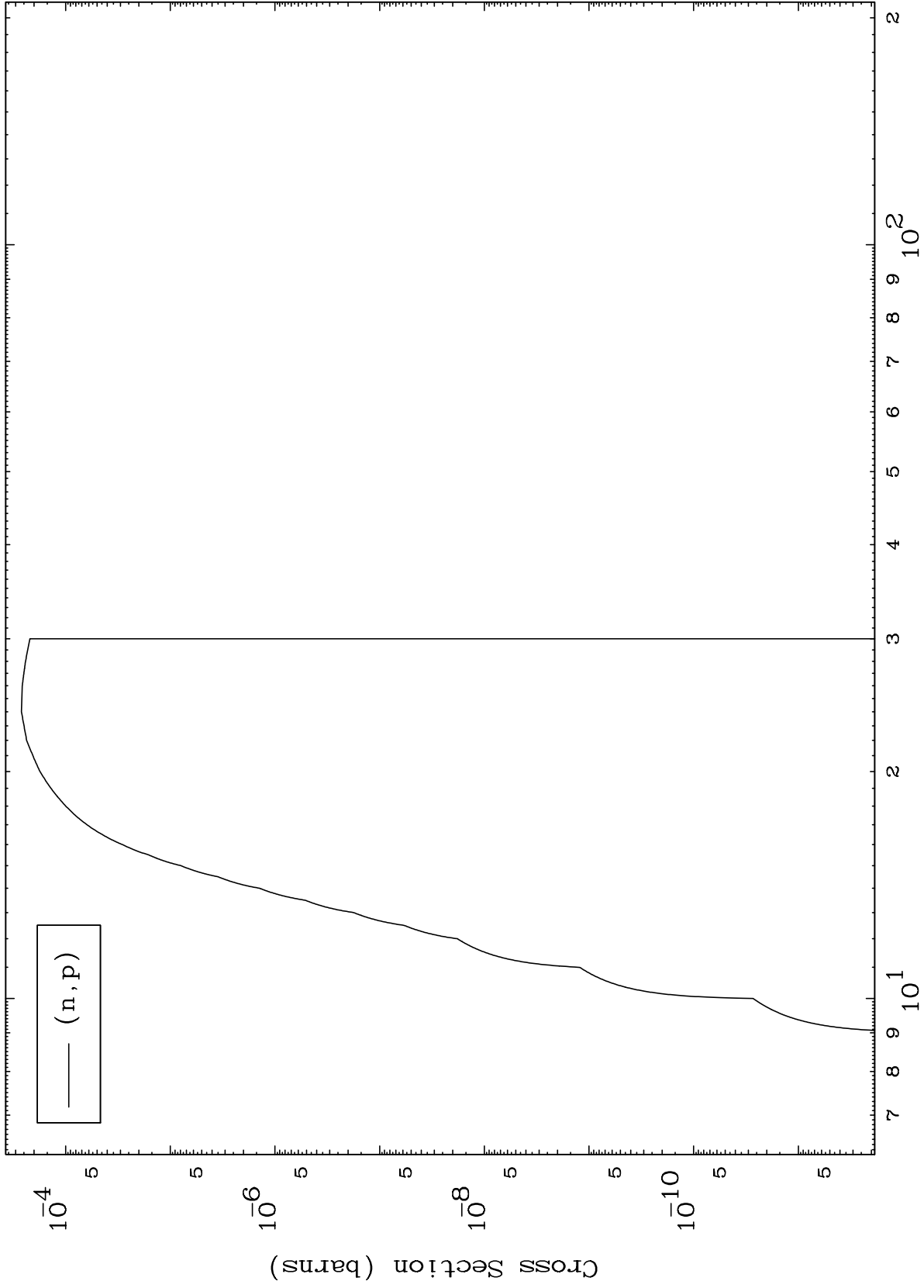
Incident Energy (MeV)

6

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(γ, p) Levels
0 Kelvin Cross Sections

71-Lu-178m



7

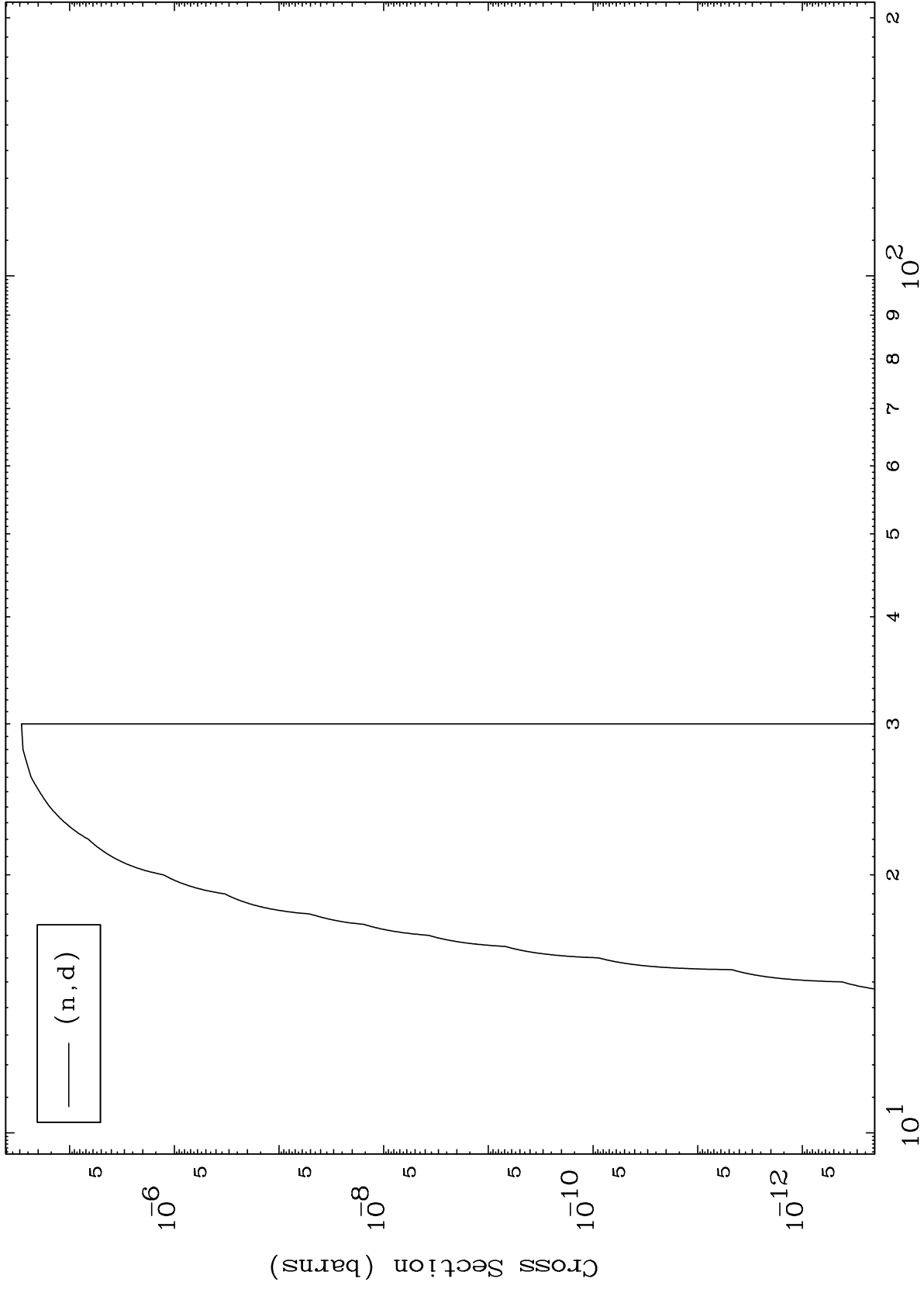
Incident Energy (MeV)

71-Lu-178m

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(γ, d) Levels
0 Kelvin Cross Sections

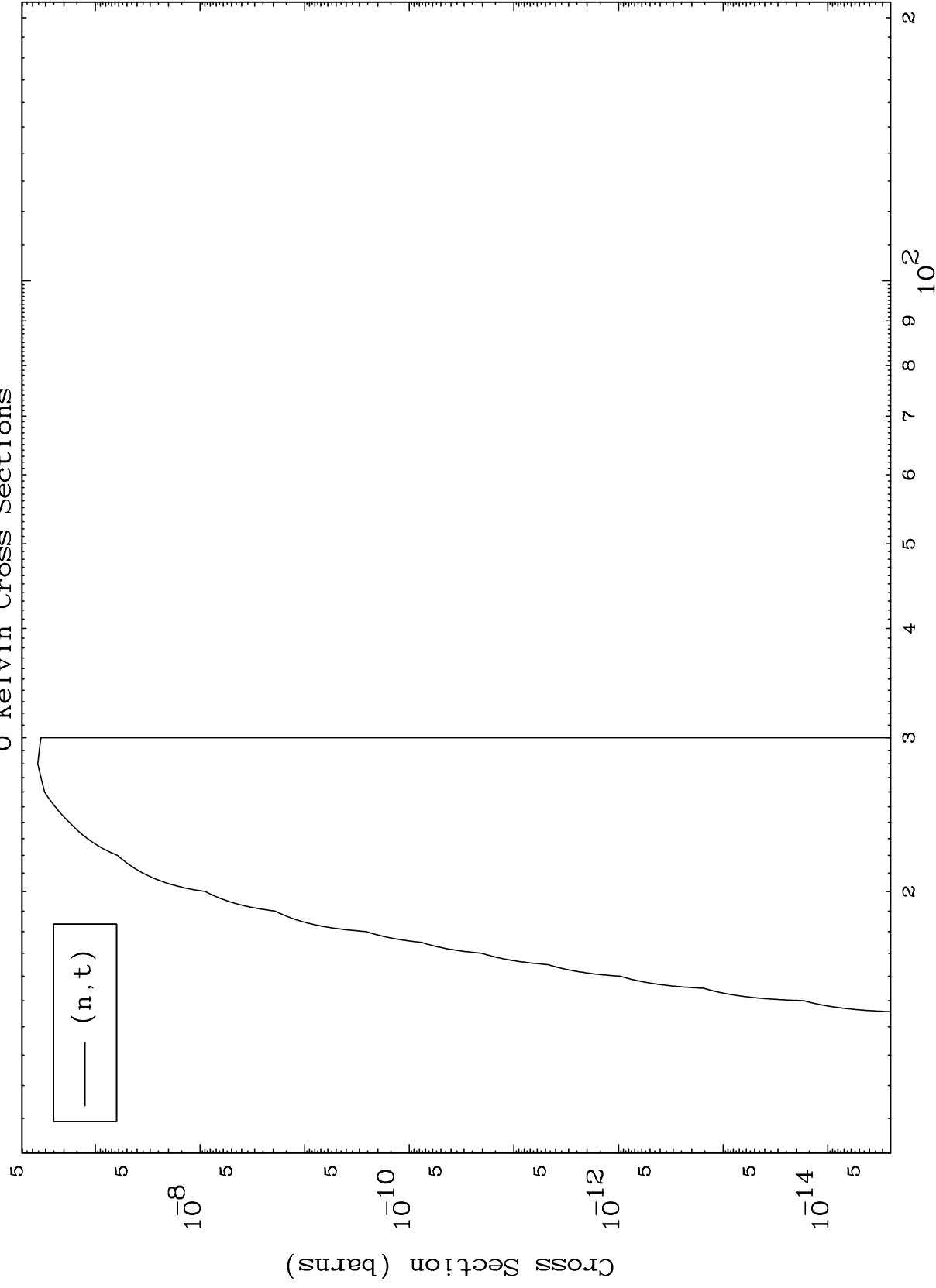
71-Lu-178m



71-Lu-178m

Incident Energy (MeV)

8

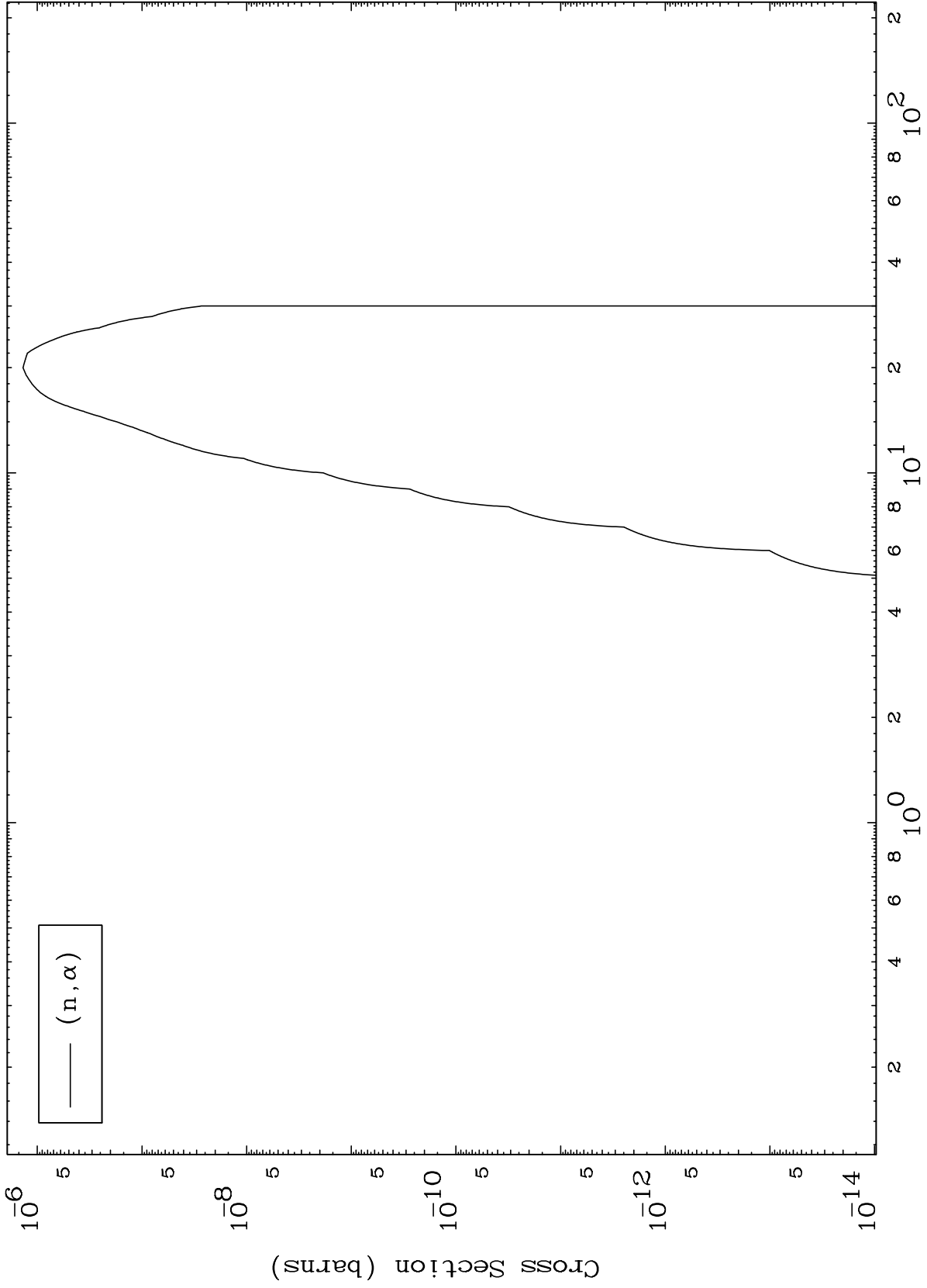


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(γ, α) Levels

71-Lu-178m

0 Kelvin Cross Sections



10

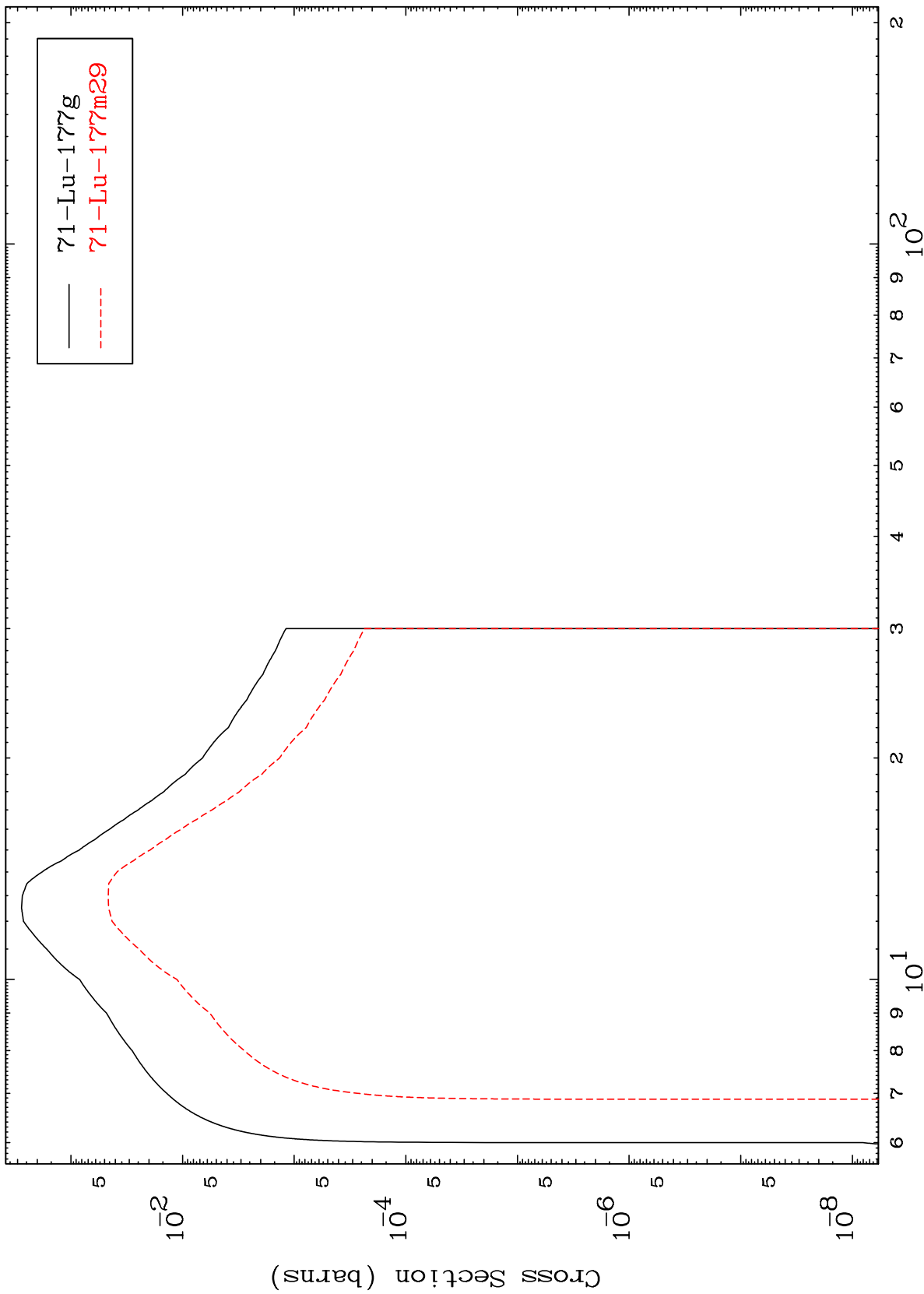
Incident Energy (MeV)

71-Lu-178m

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71-Lu-178m

Inelastic
Radionuclide Production Cross Section



71-Lu-178m

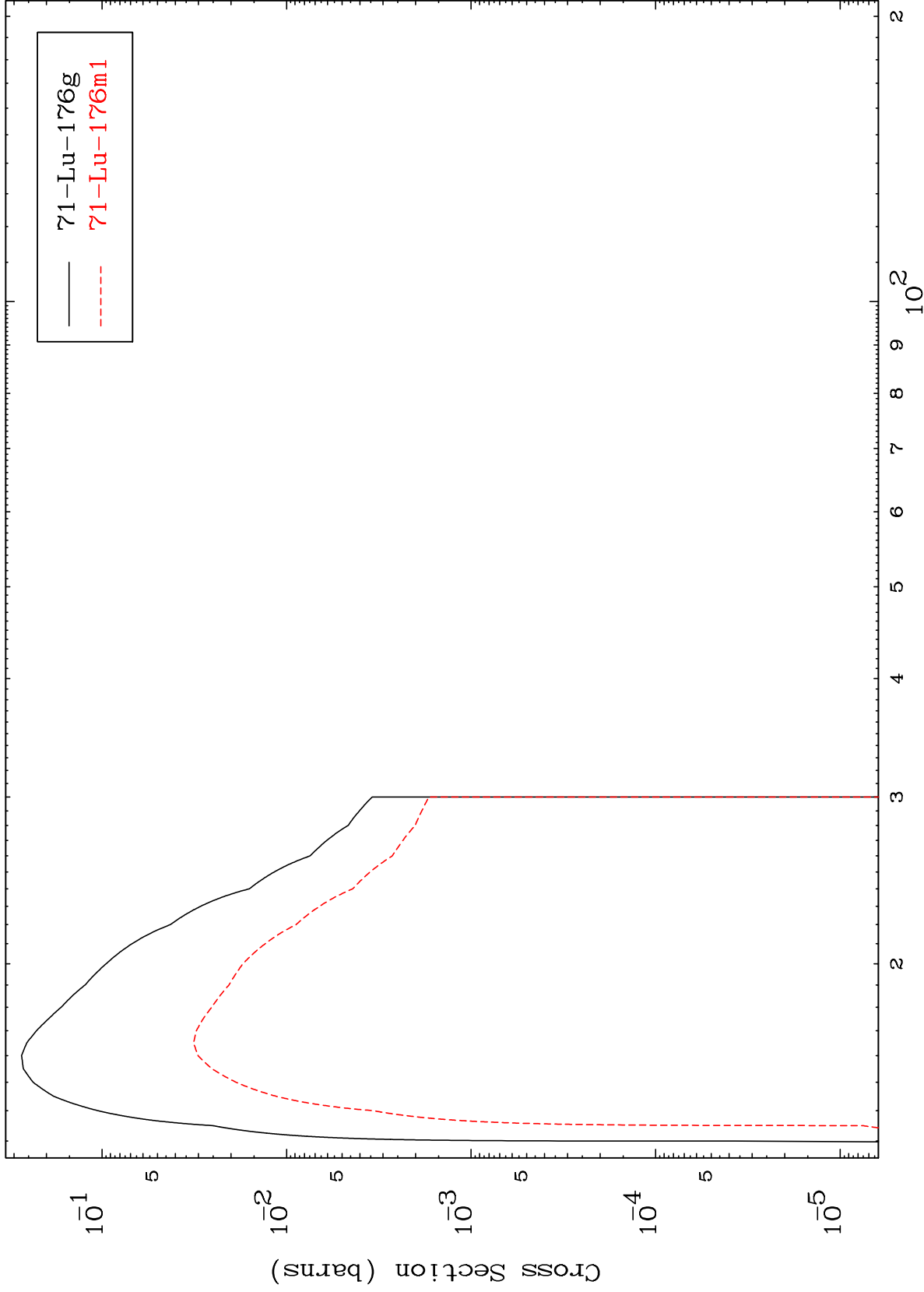
Incident Energy (MeV)

11

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71-Lu-178m

(n,2n)
Radionuclide Production Cross Section



12

Incident Energy (MeV)

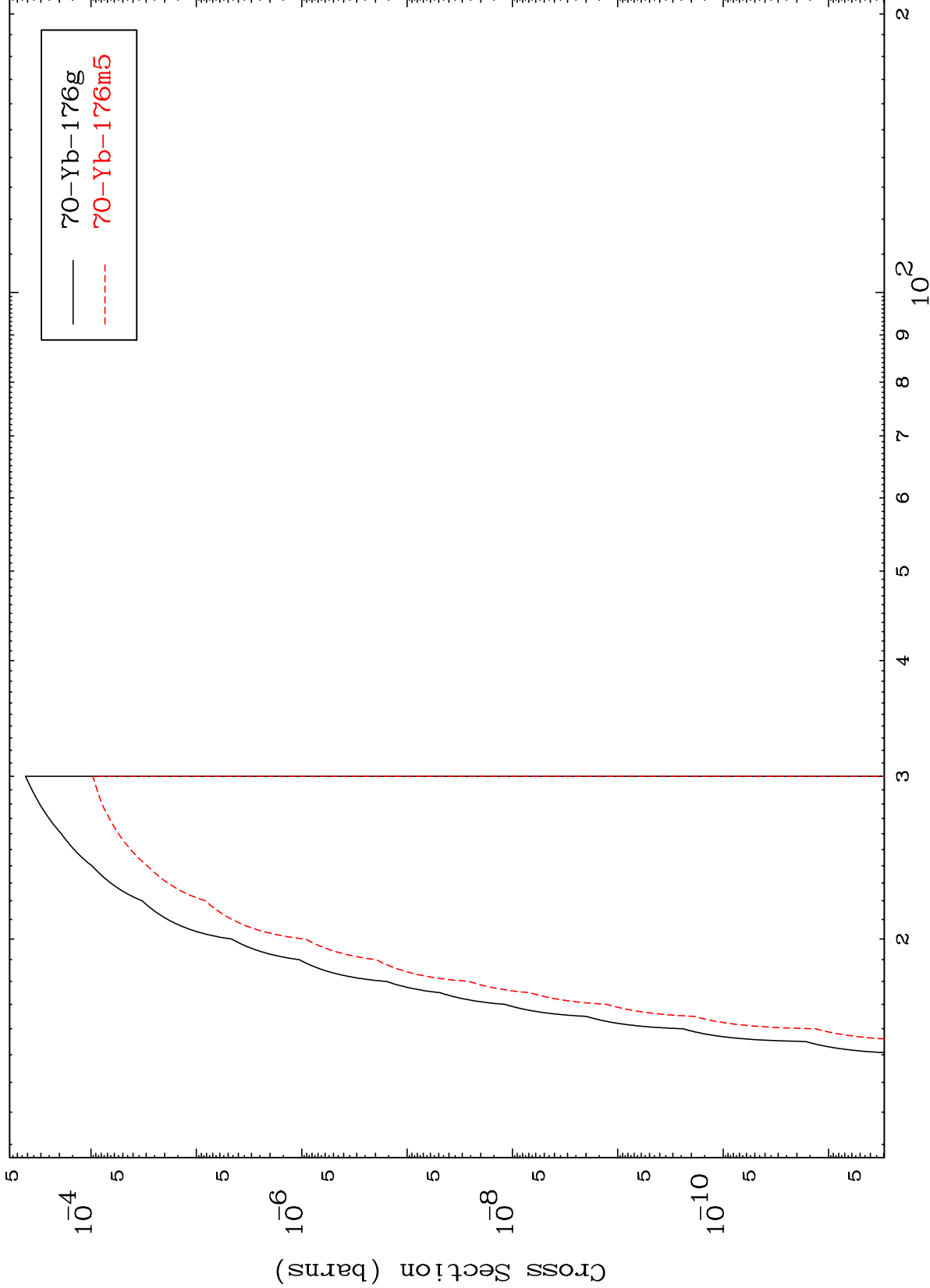
71-Lu-178m

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(n,n') p

71-Lu-178m

Radionuclide Production Cross Section

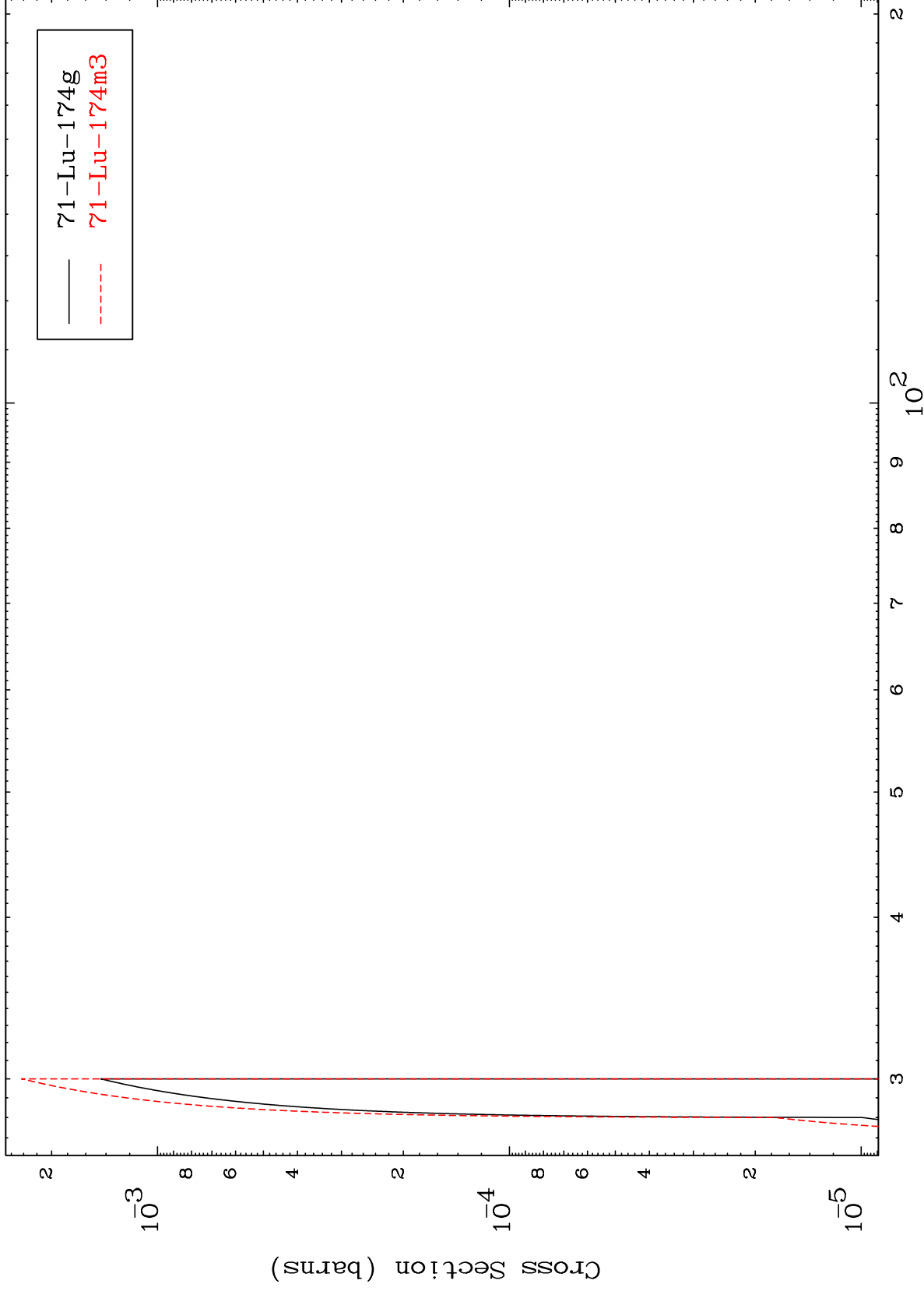


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(n,4n)

⁷¹Lu-178m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

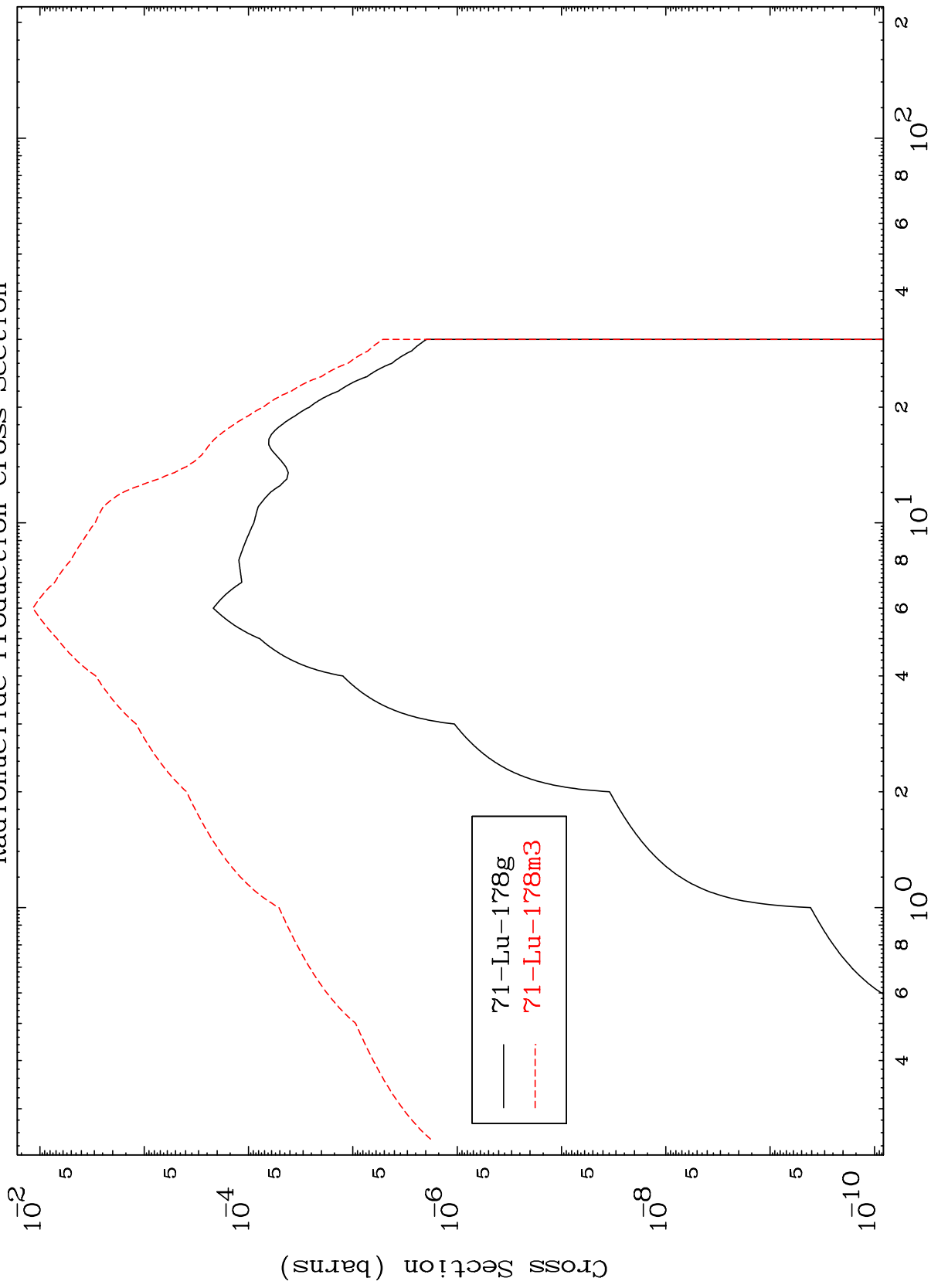
⁷¹Lu-178m

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⁷¹Lu-178m

Radionuclide Production Cross Section

(n, γ)



⁷¹Lu-178m

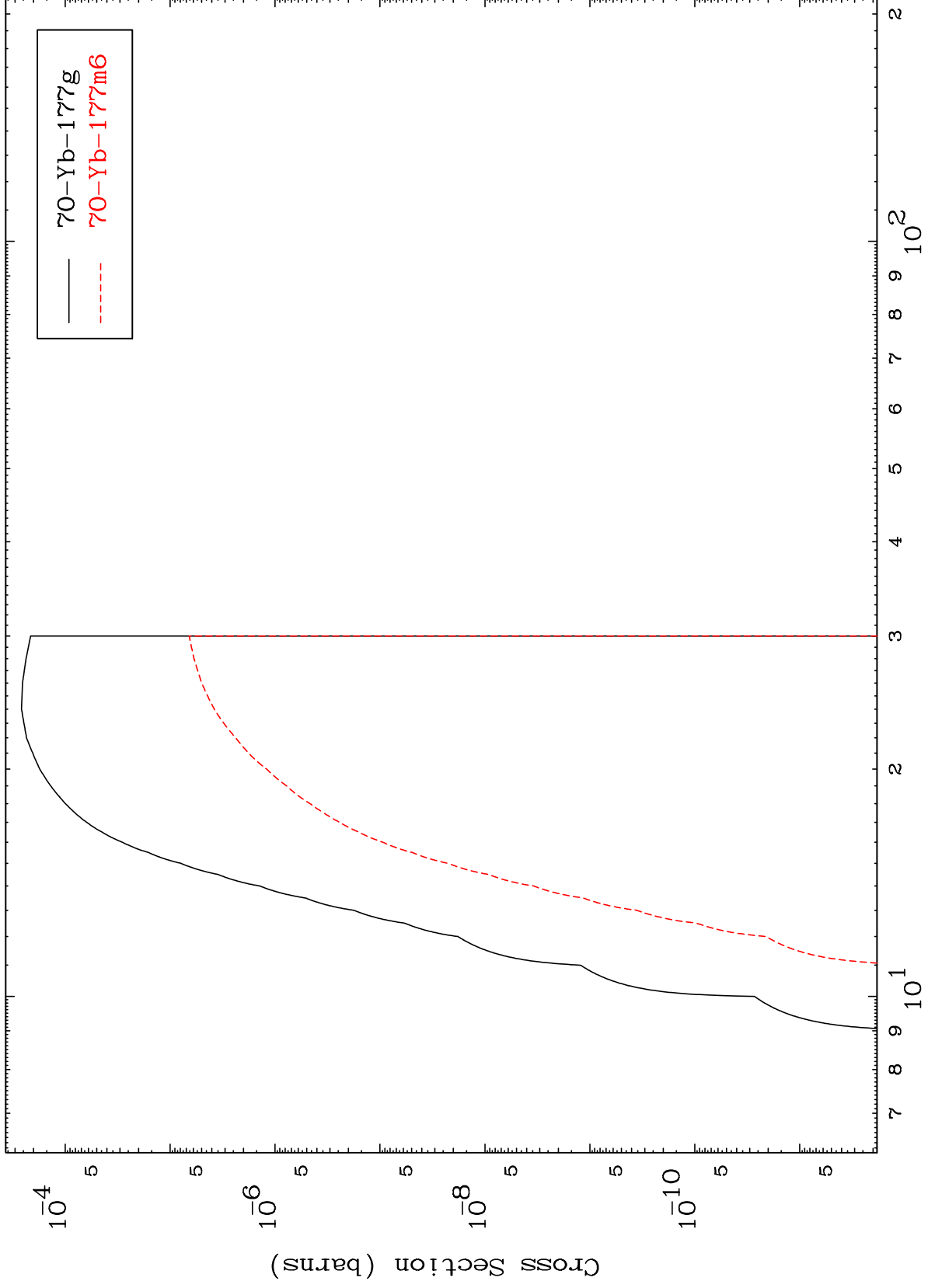
Incident Energy (MeV)

15

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71-Lu-178m

(n,p)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

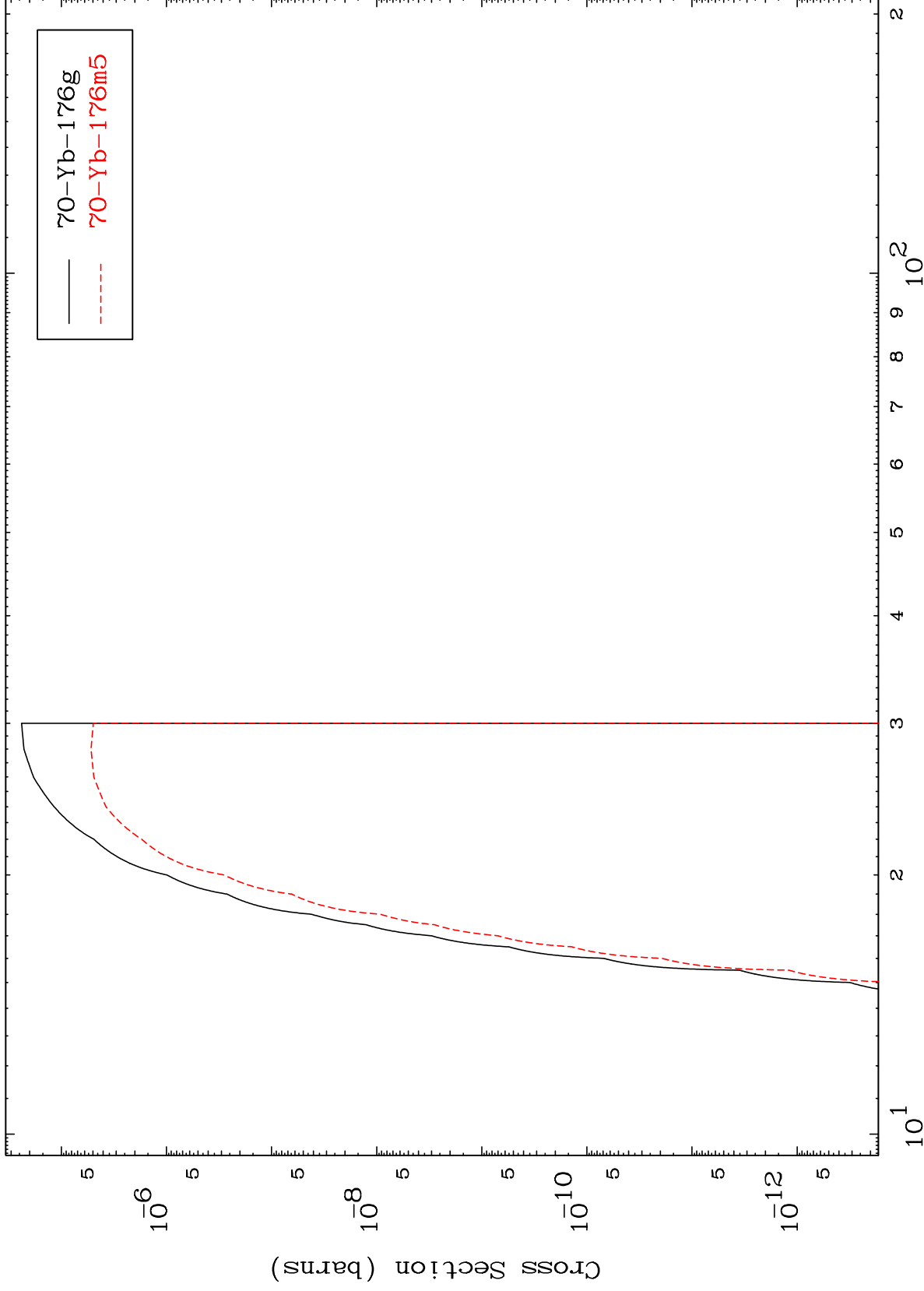
71-Lu-178m

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(n,d)

71-Lu-178m

Radionuclide Production Cross Section



Incident Energy (MeV)

71-Lu-178m