

Program EVALPLOT
(Version 2021-1)

by

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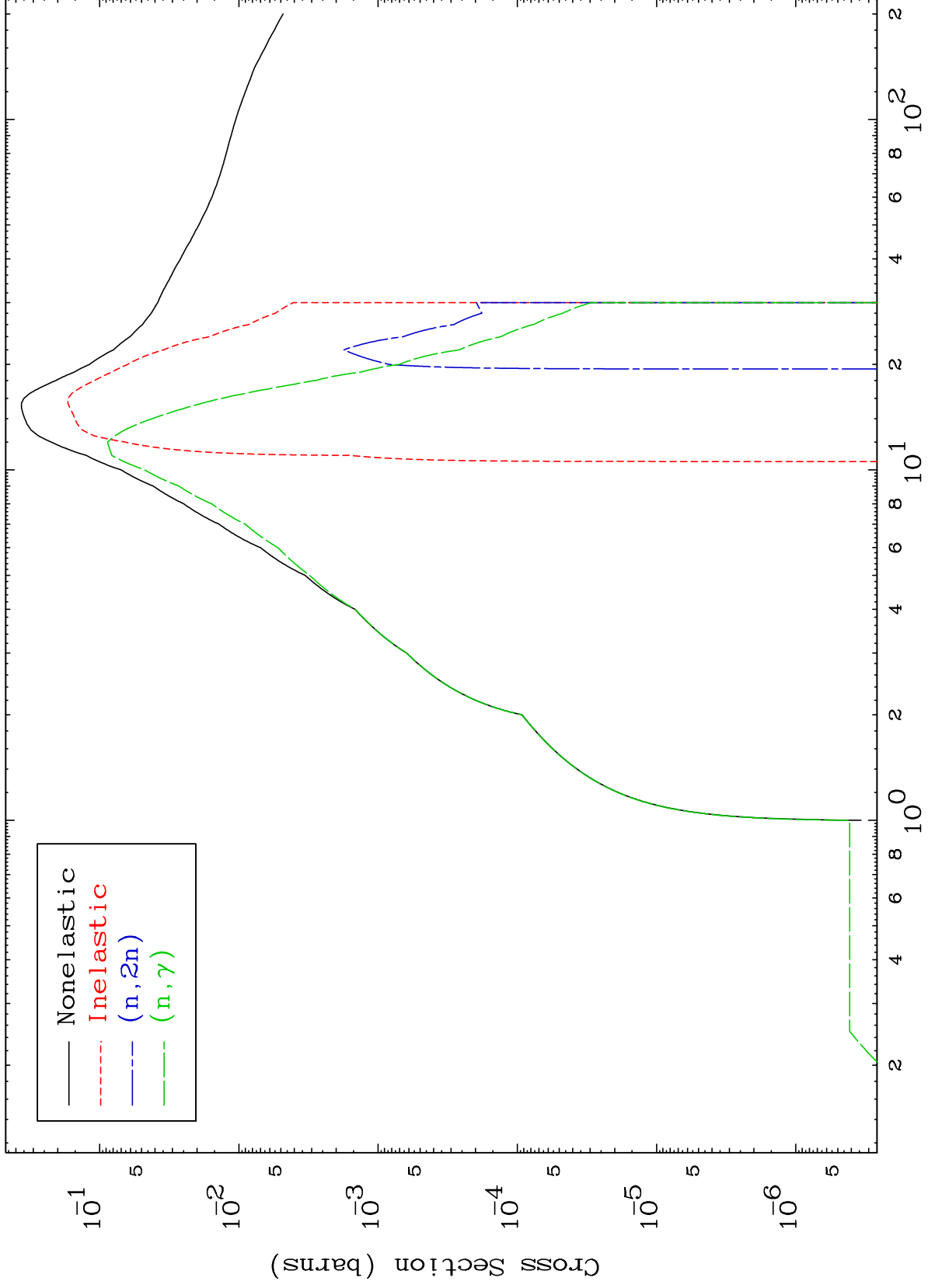
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Press Mouse Button to Start

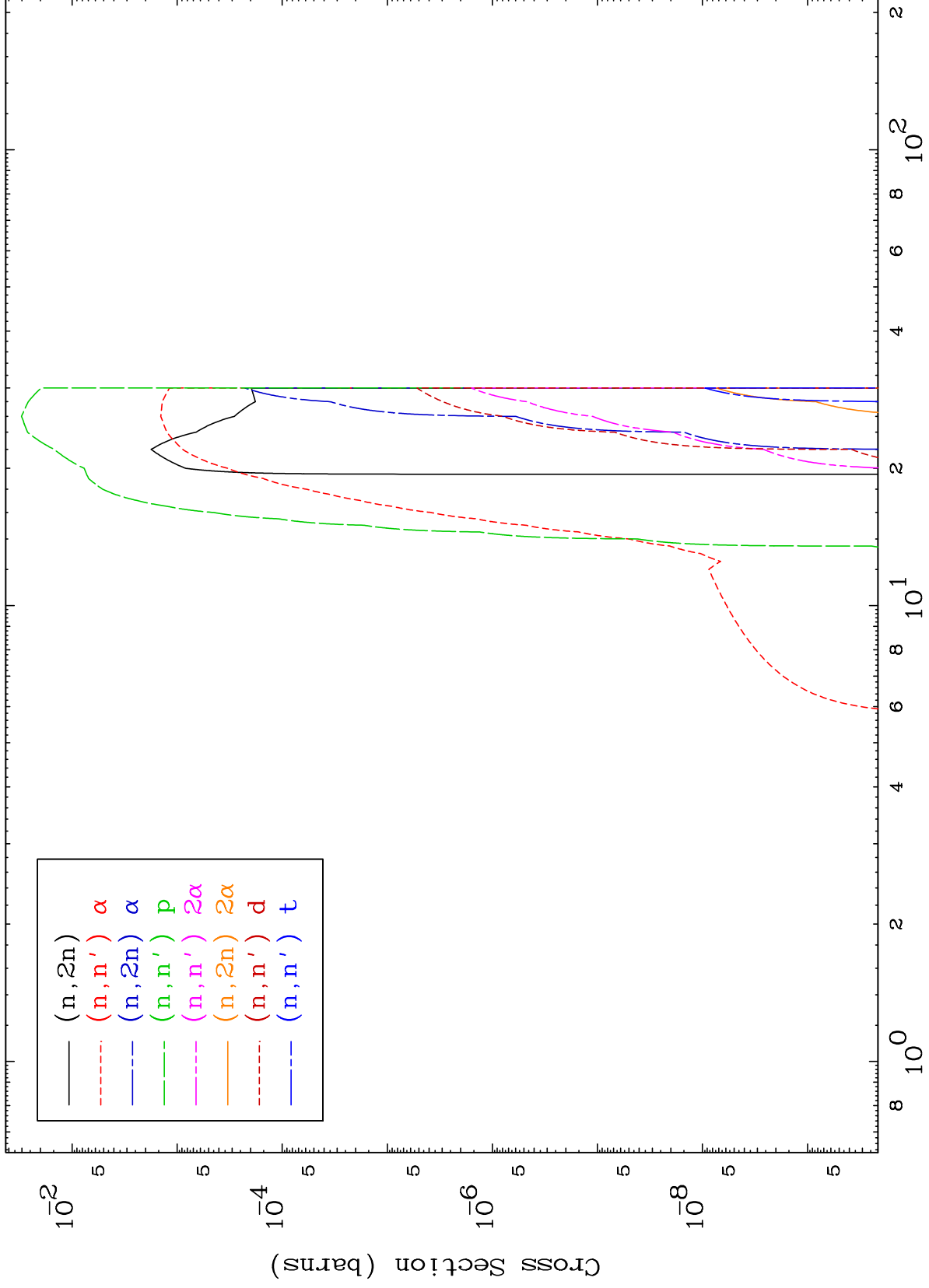
MAT 7077

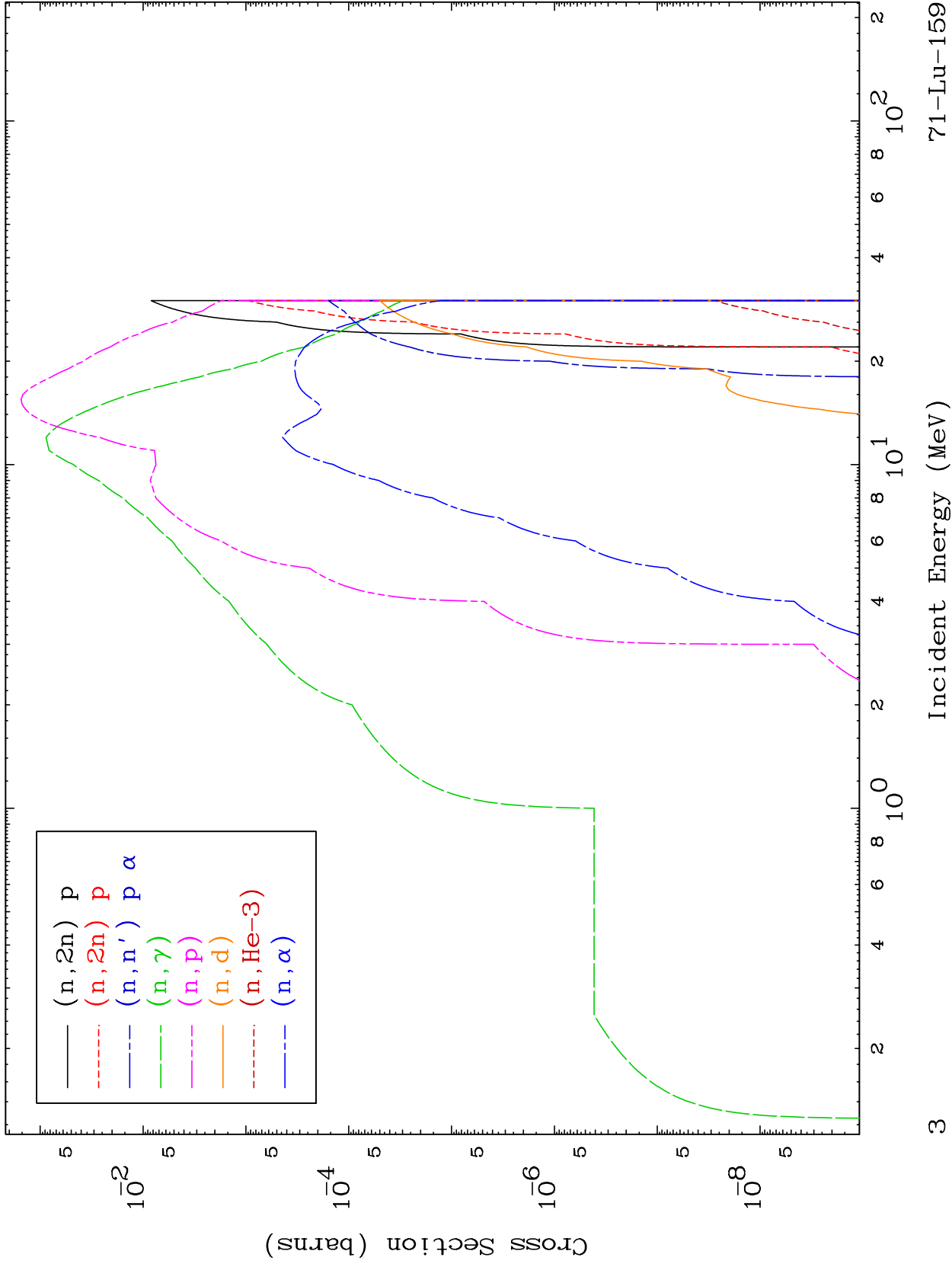
Photon Major
0 Kelvin Cross Sections

⁷¹Lu-159



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

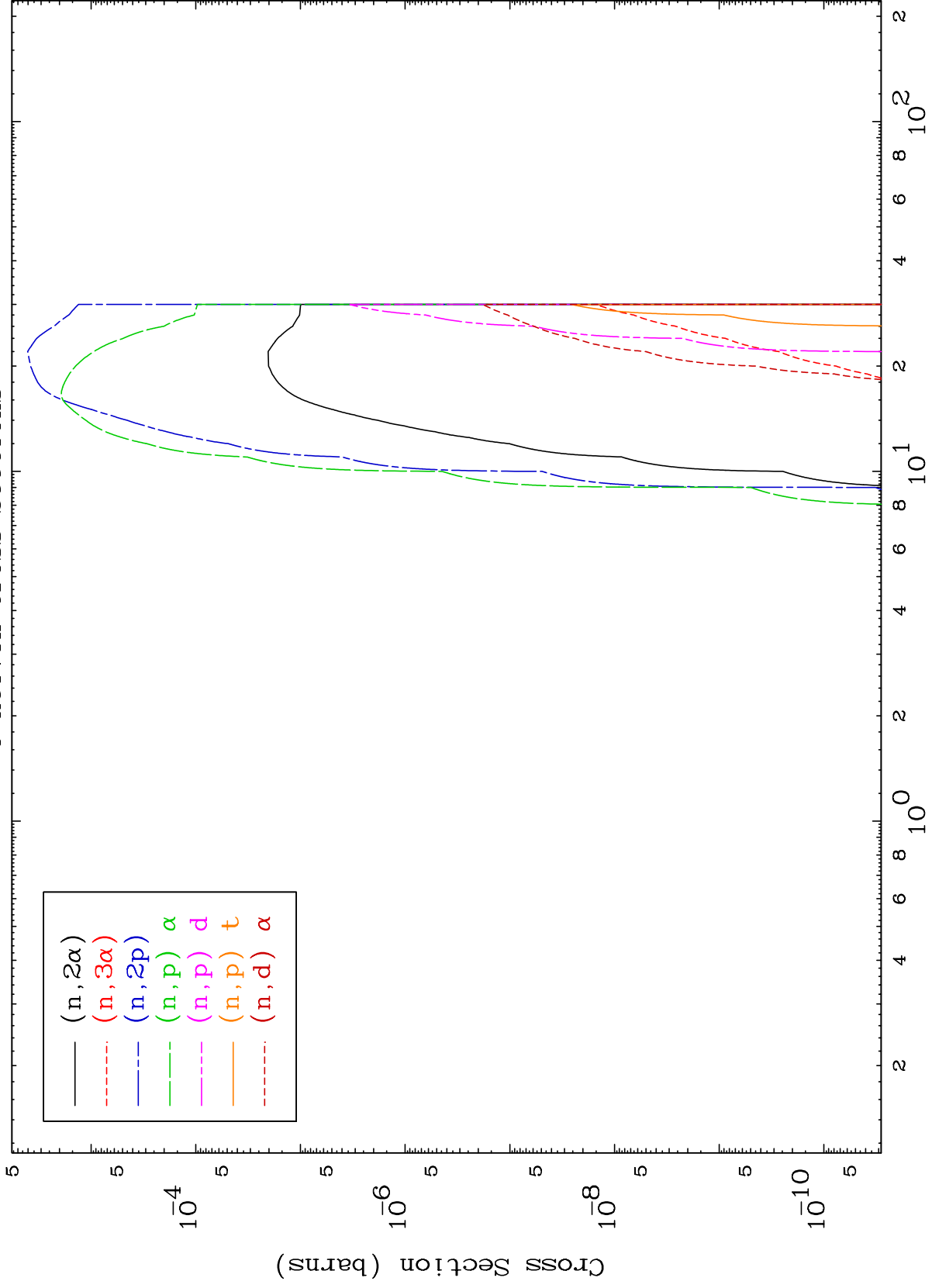


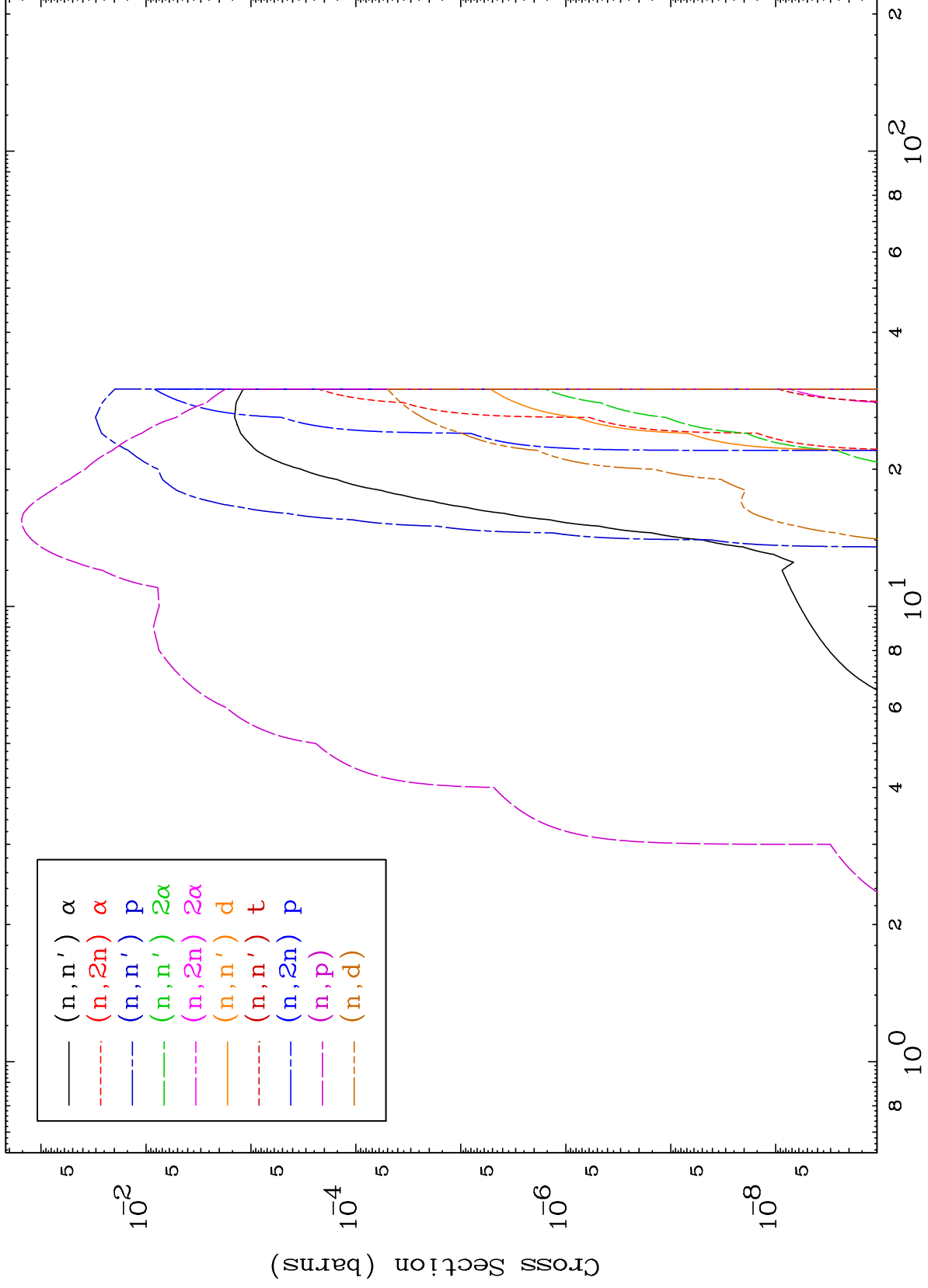


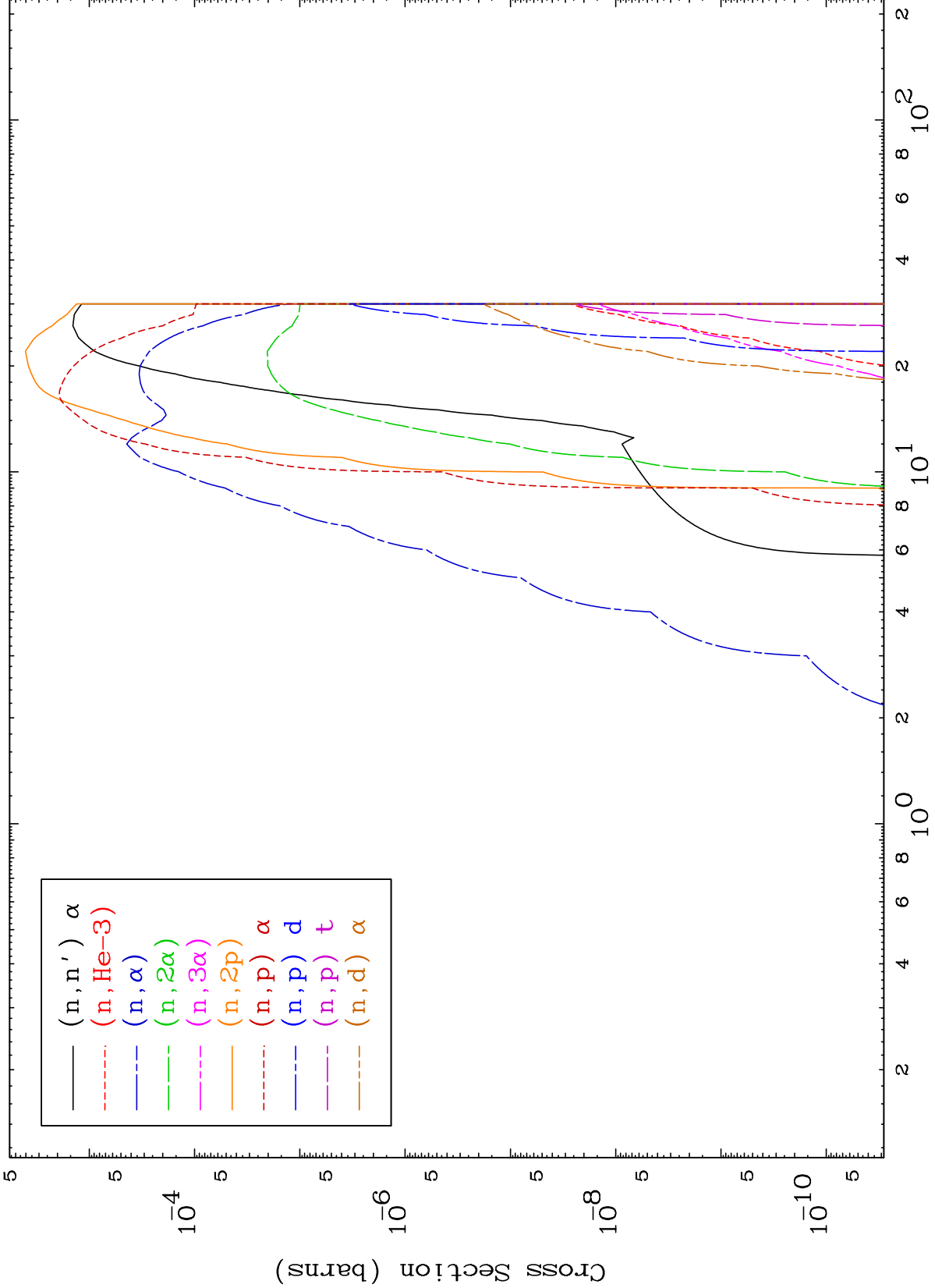
MAT 7077

Photon Neutron Absorption
0 Kelvin Cross Sections

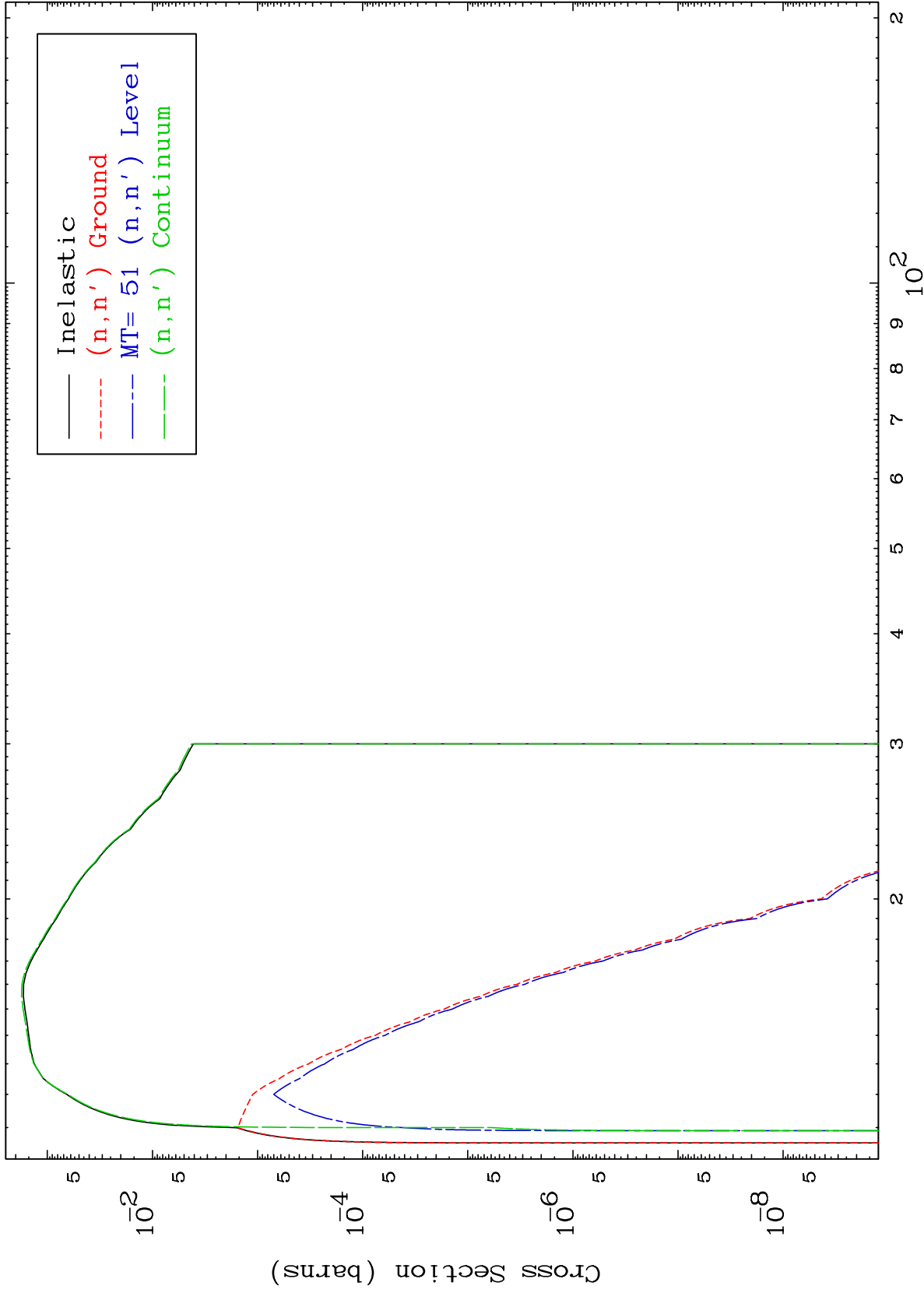
71-Lu-159







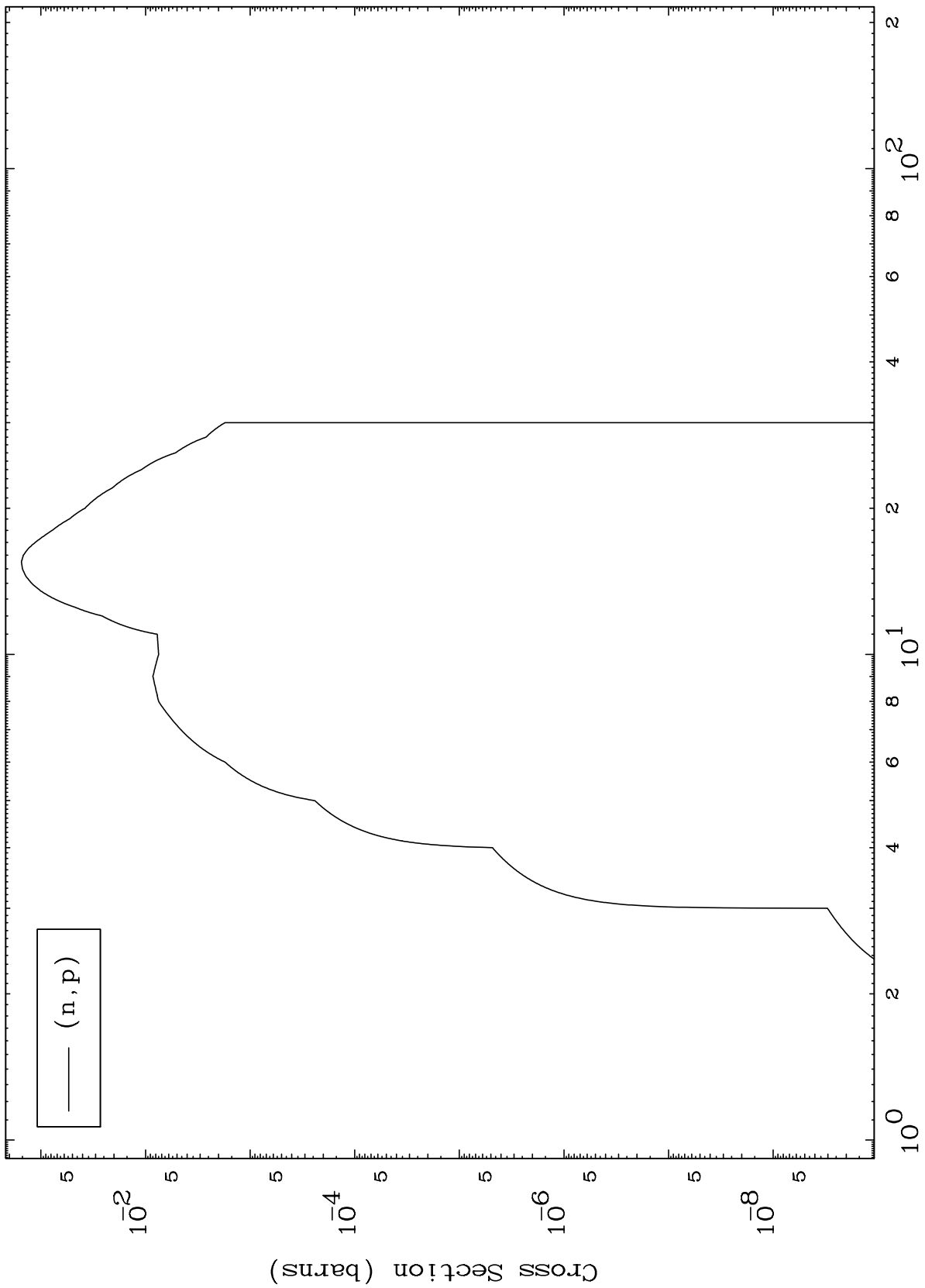
(γ, n') Levels
0 Kelvin Cross Sections



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71-Lu-159

(γ, p) Levels
0 Kelvin Cross Sections



(n, p)

71-Lu-159

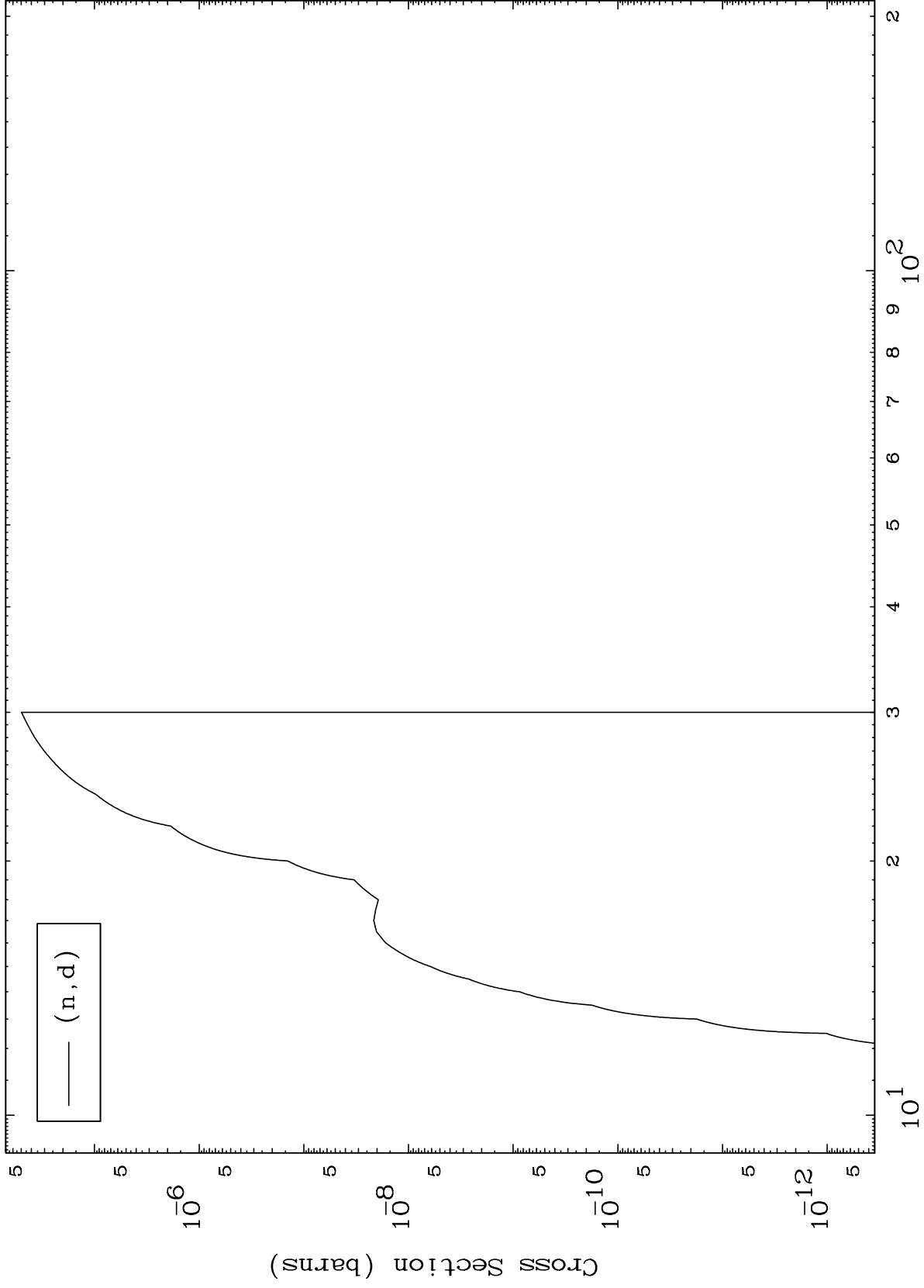
Incident Energy (MeV)

8

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(γ, d) Levels
0 Kelvin Cross Sections

71-Lu-159



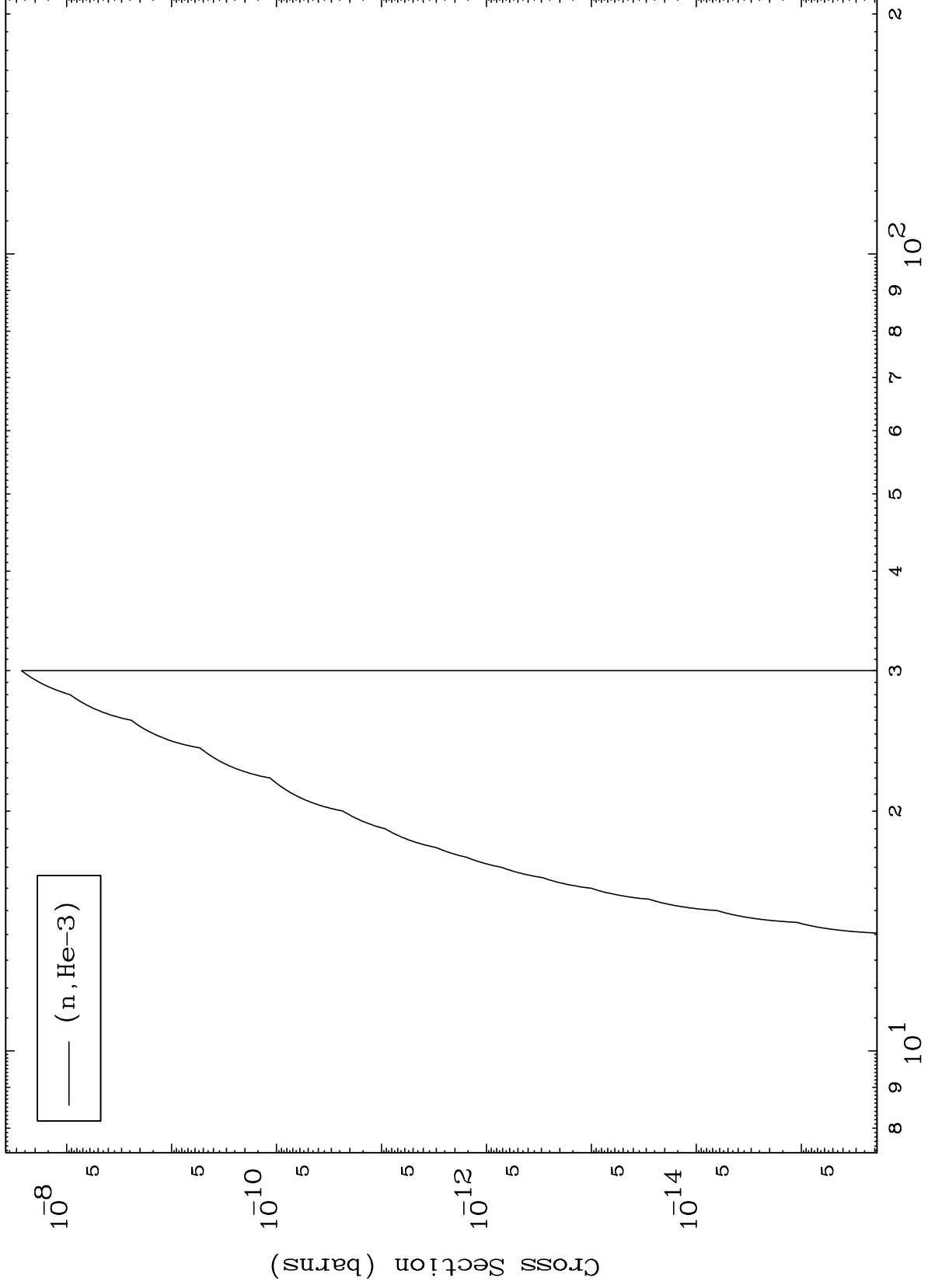
Incident Energy (MeV)

71-Lu-159

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($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections

71-Lu-159



10

Incident Energy (MeV)

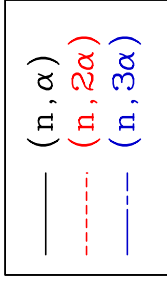
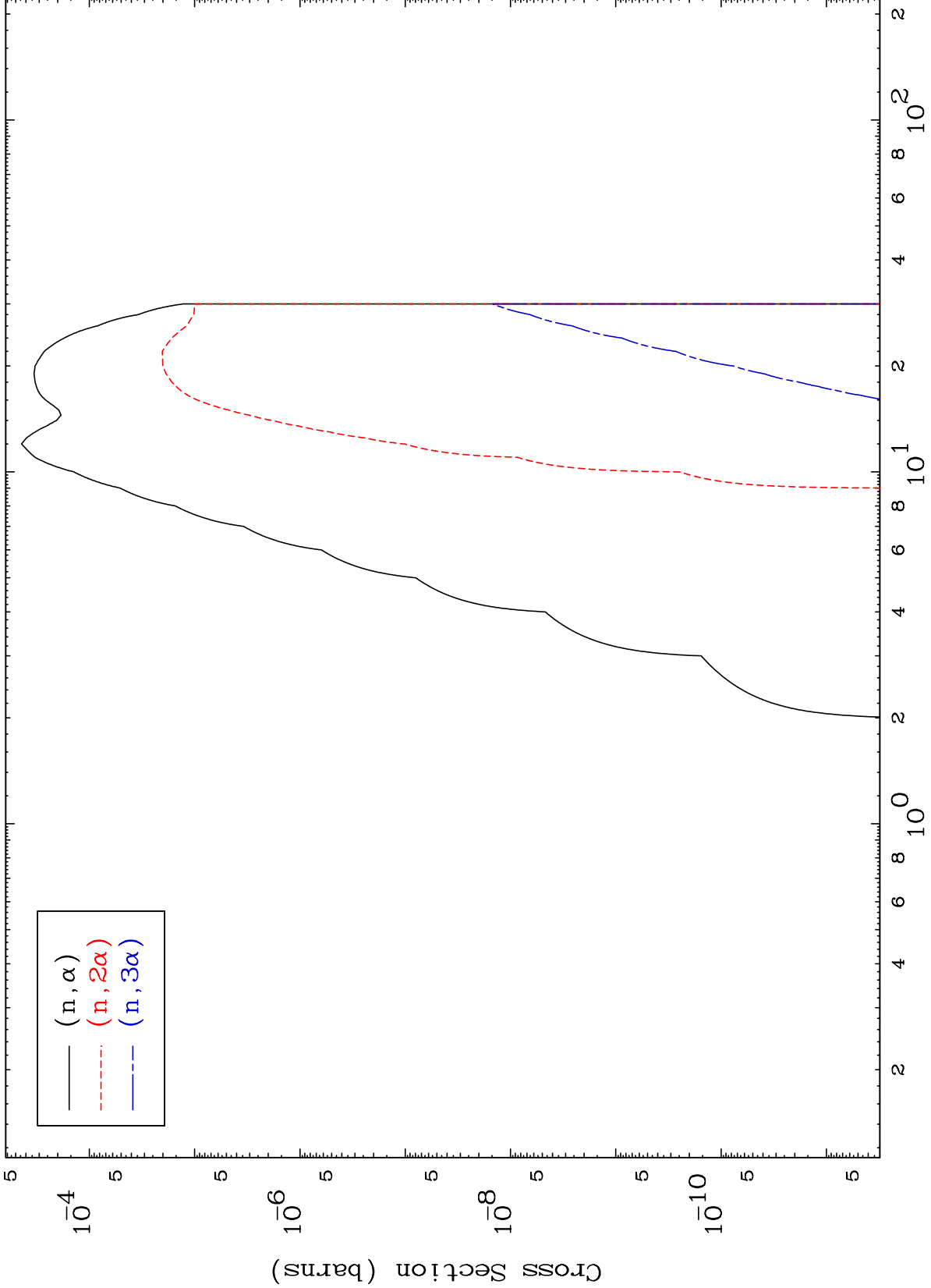
71-Lu-159

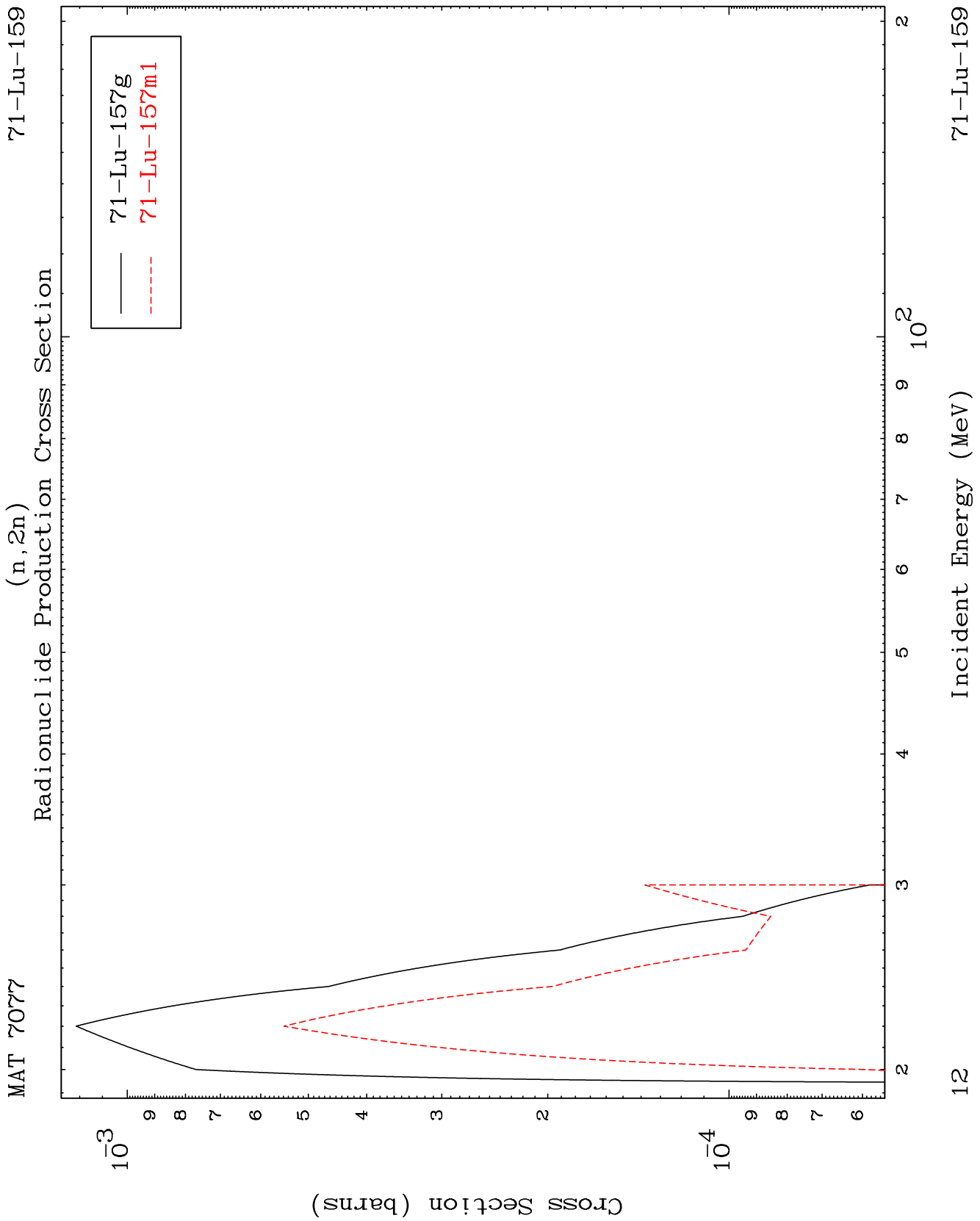
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(γ, α) Levels

⁷¹Lu-159

0 Kelvin Cross Sections



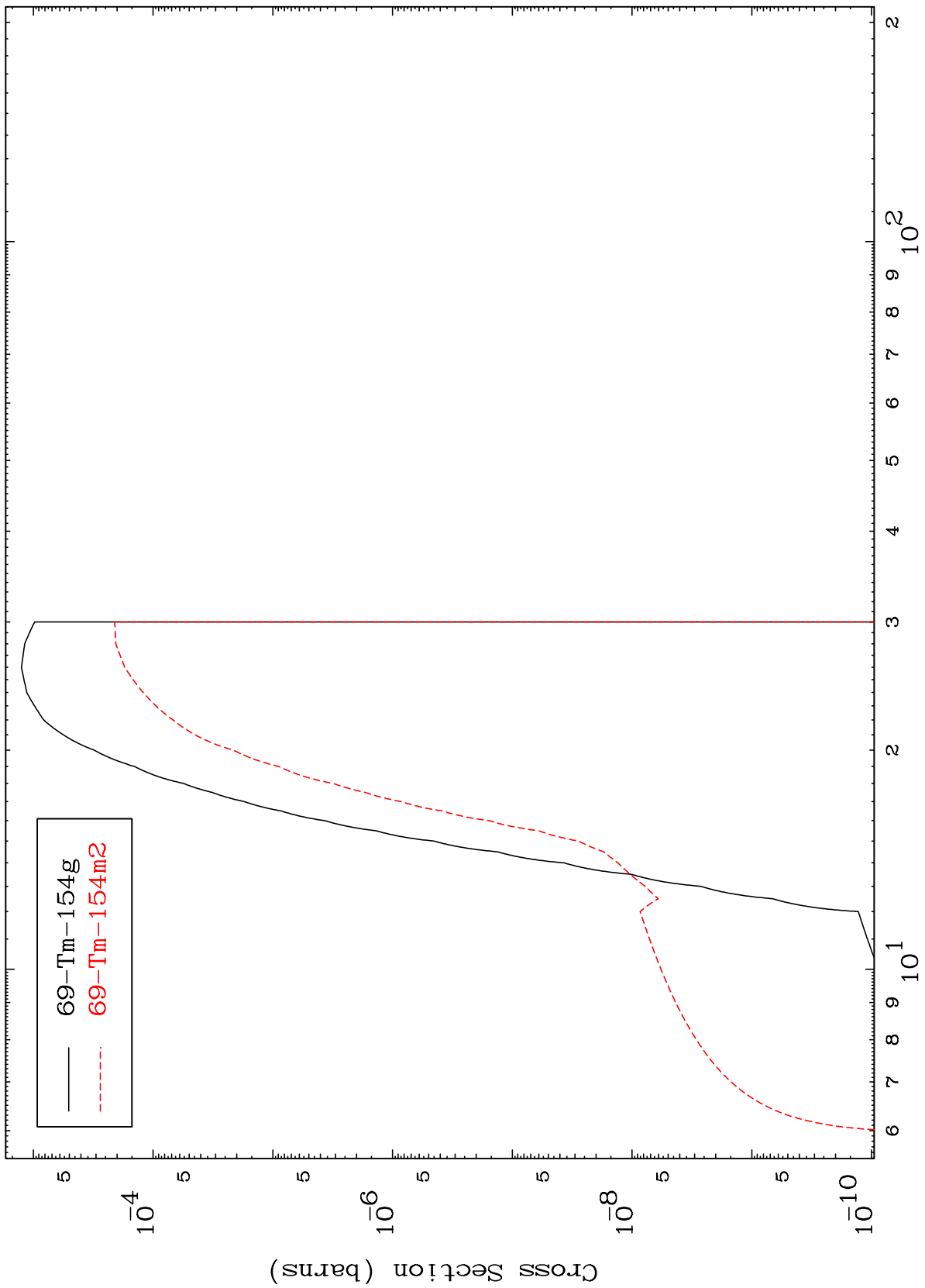


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$(n, n') \alpha$

71-Lu-159

Radionuclide Production Cross Section



13

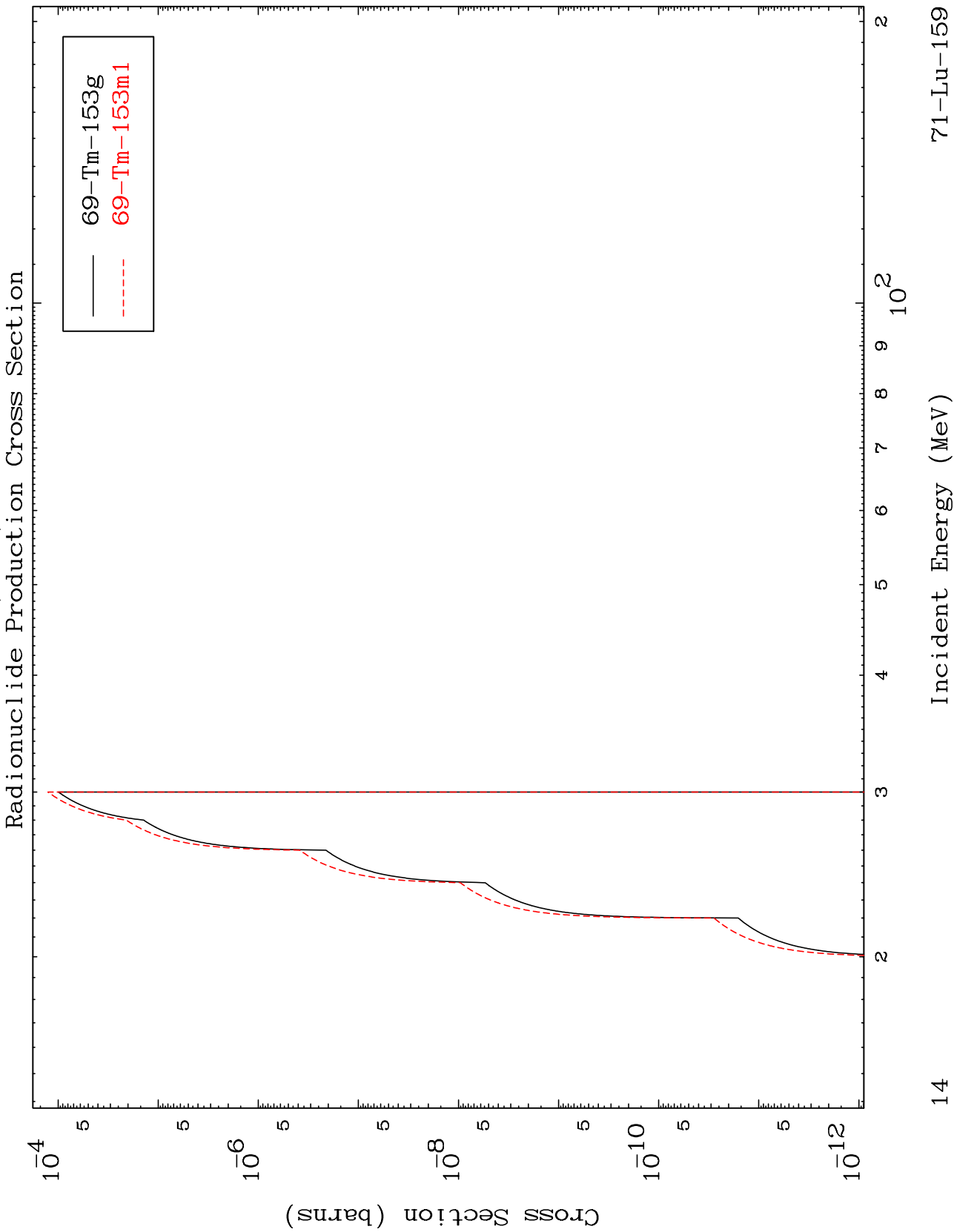
Incident Energy (MeV)

71-Lu-159

MAT 7077

(n,2n) α

71-Lu-159



14

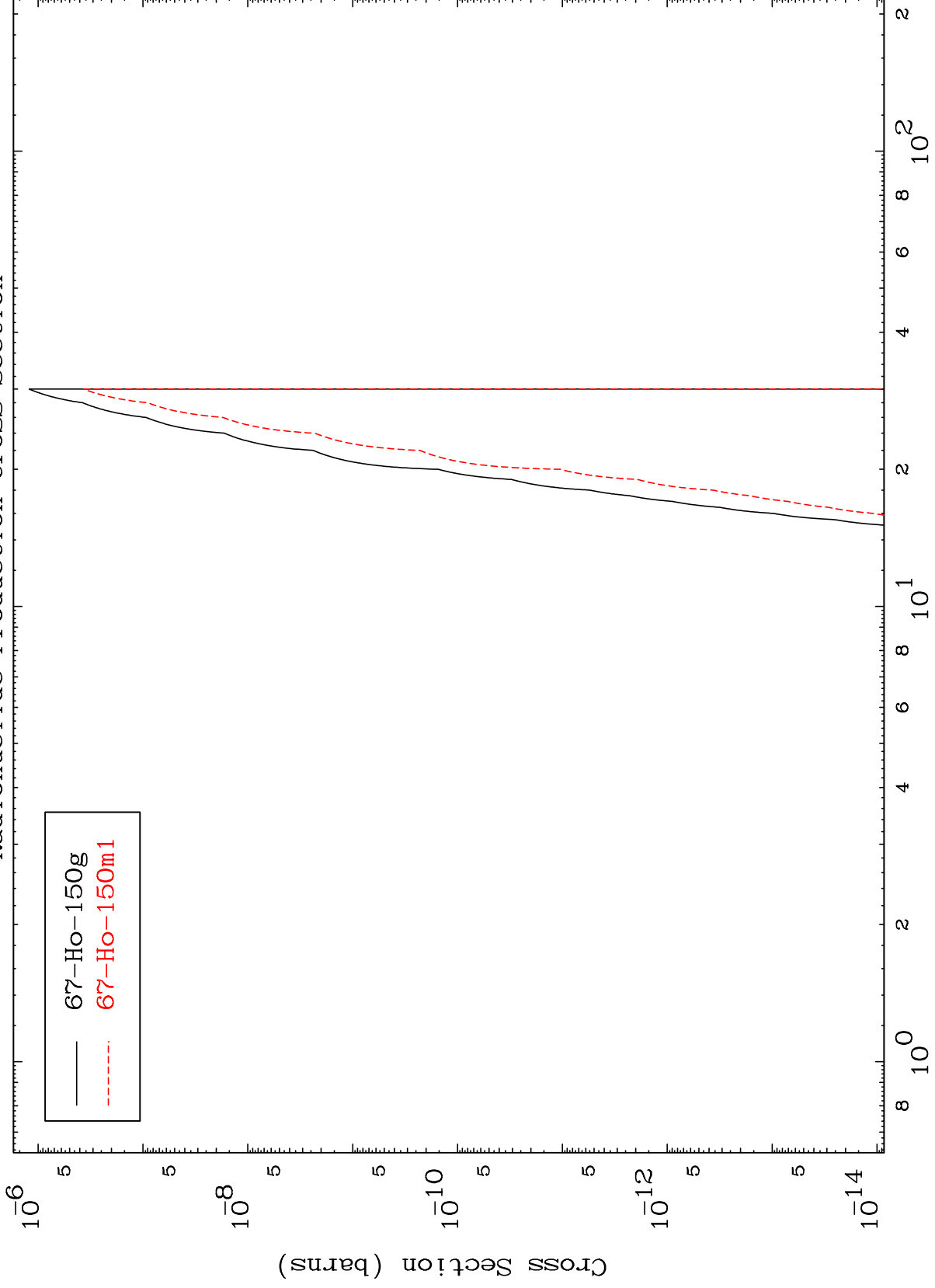
71-Lu-159

MAT 7077

(n,n') 2 α

71-Lu-159

Radionuclide Production Cross Section



15

Incident Energy (MeV)

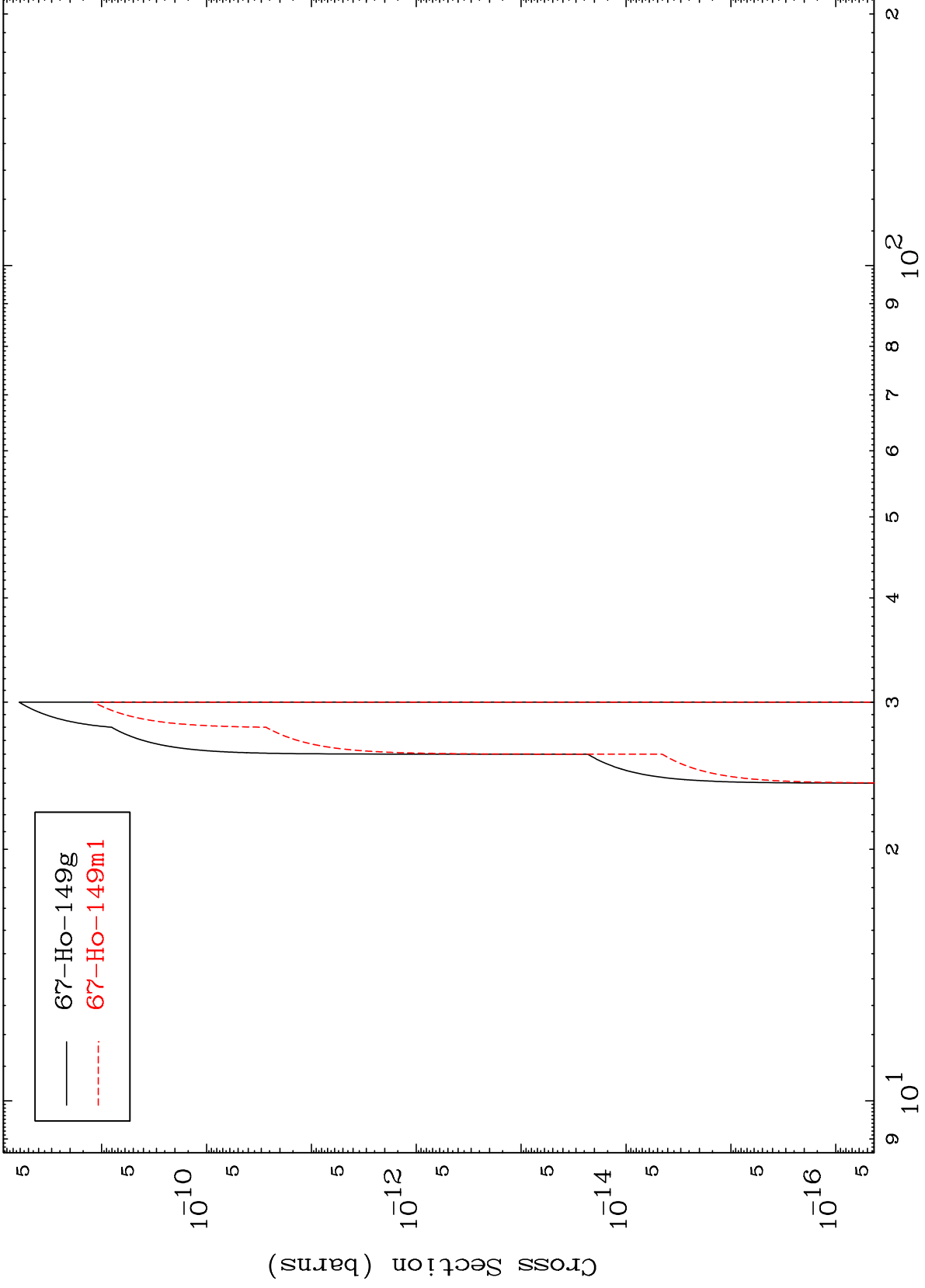
71-Lu-159

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(n,2n) 2α

71-Lu-159

Radionuclide Production Cross Section



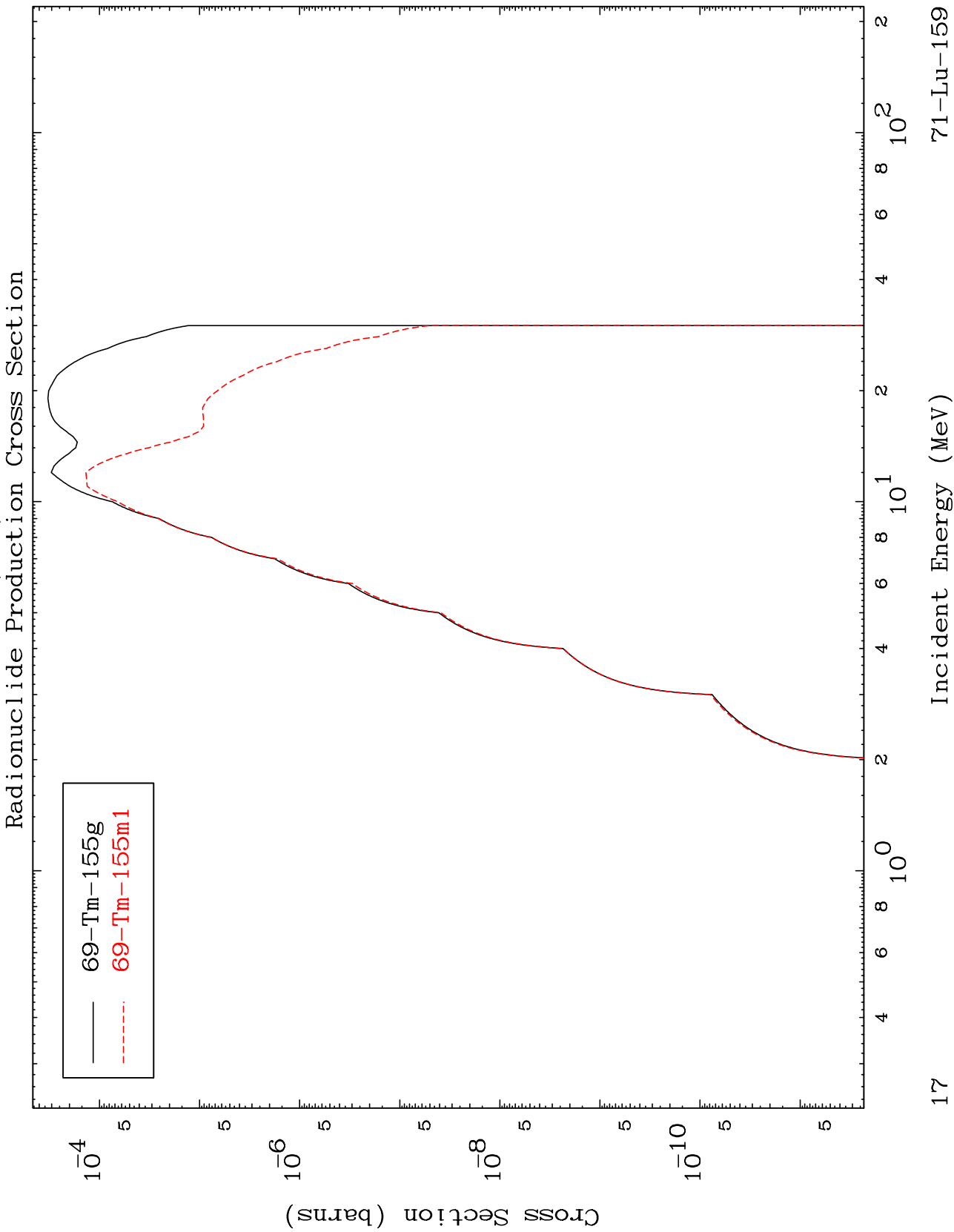
16

Incident Energy (MeV)

71-Lu-159

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71-Lu-159



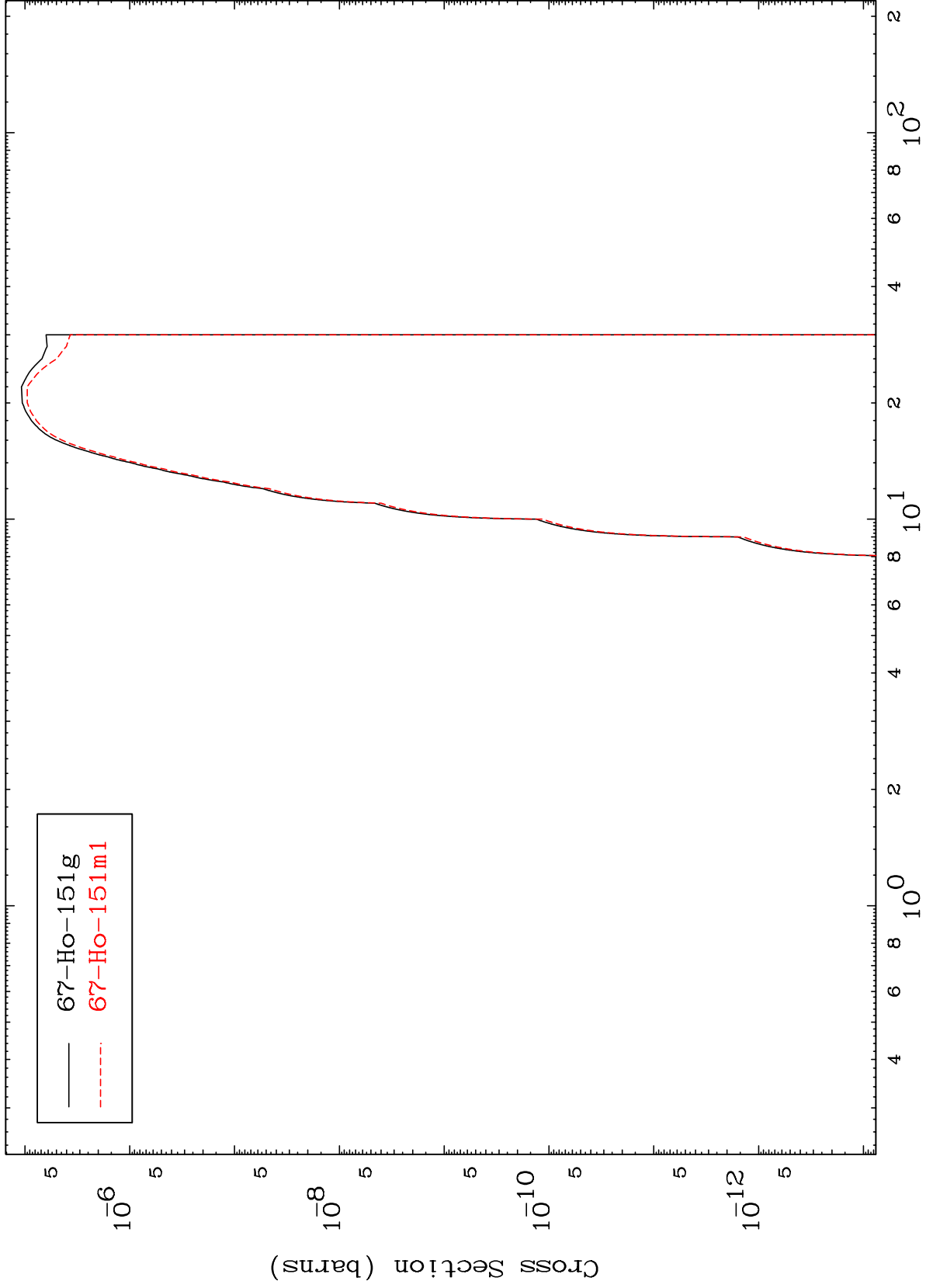
— 69-Tm-155g
- - - 69-Tm-155m1

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(n,2α)

71-Lu-159

Radionuclide Production Cross Section



18

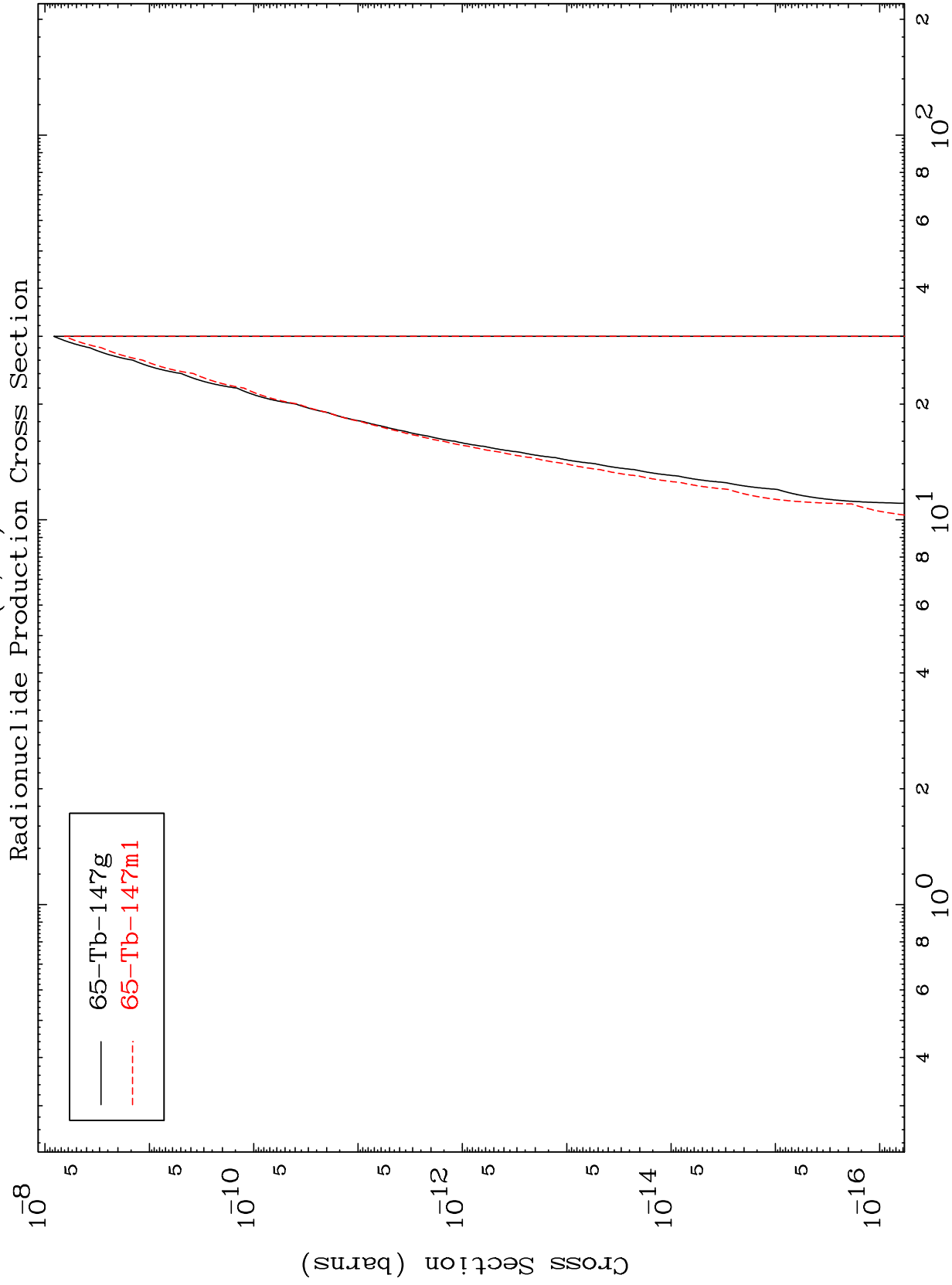
Incident Energy (MeV)

71-Lu-159

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(n, 3α)

71-Lu-159



19

Incident Energy (MeV)

71-Lu-159

Radionuclide Production Cross Section

