

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

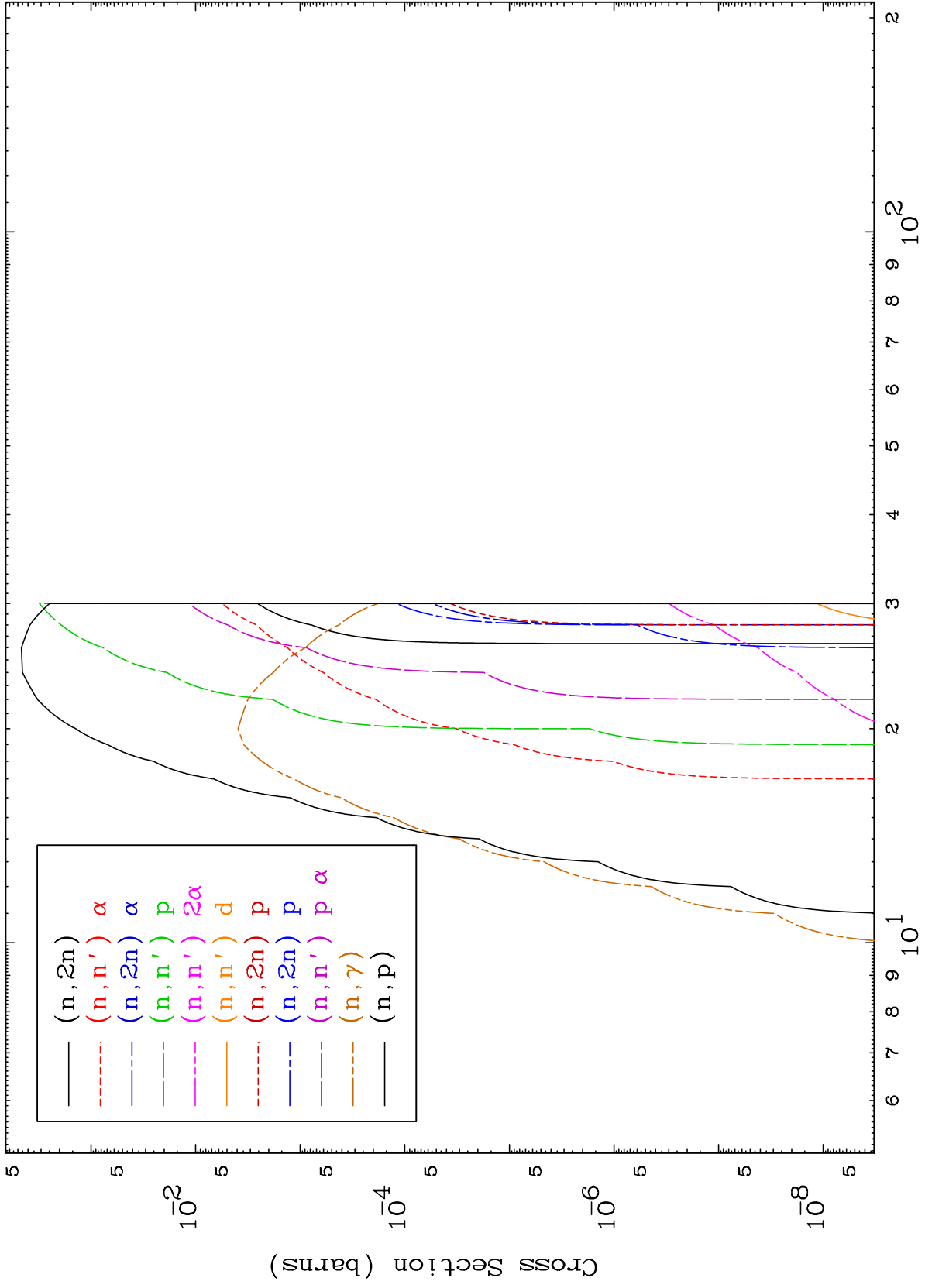
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Web:redcullen1.net/HOMEPAGE.NEW

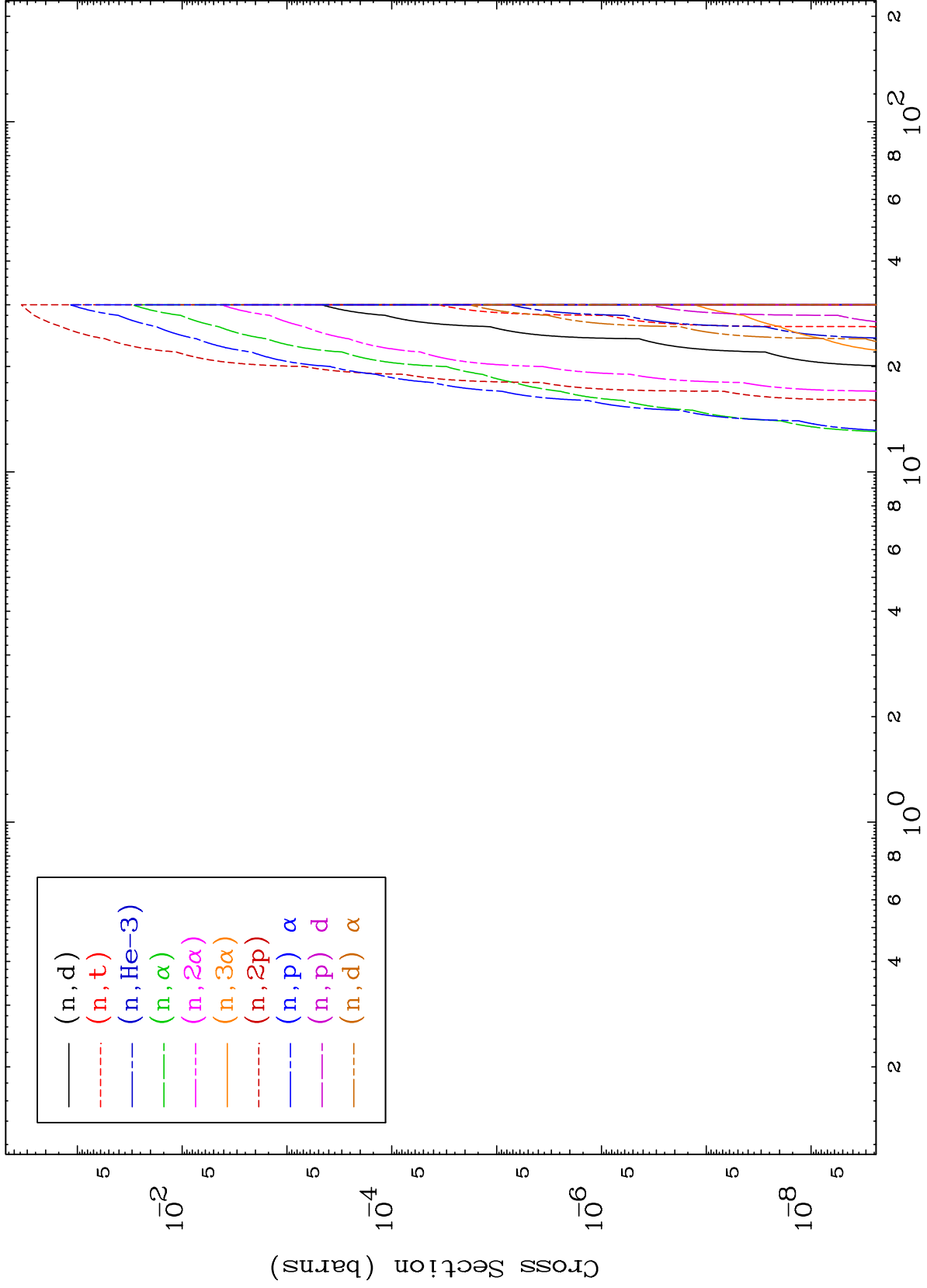
Press Mouse Button to Start

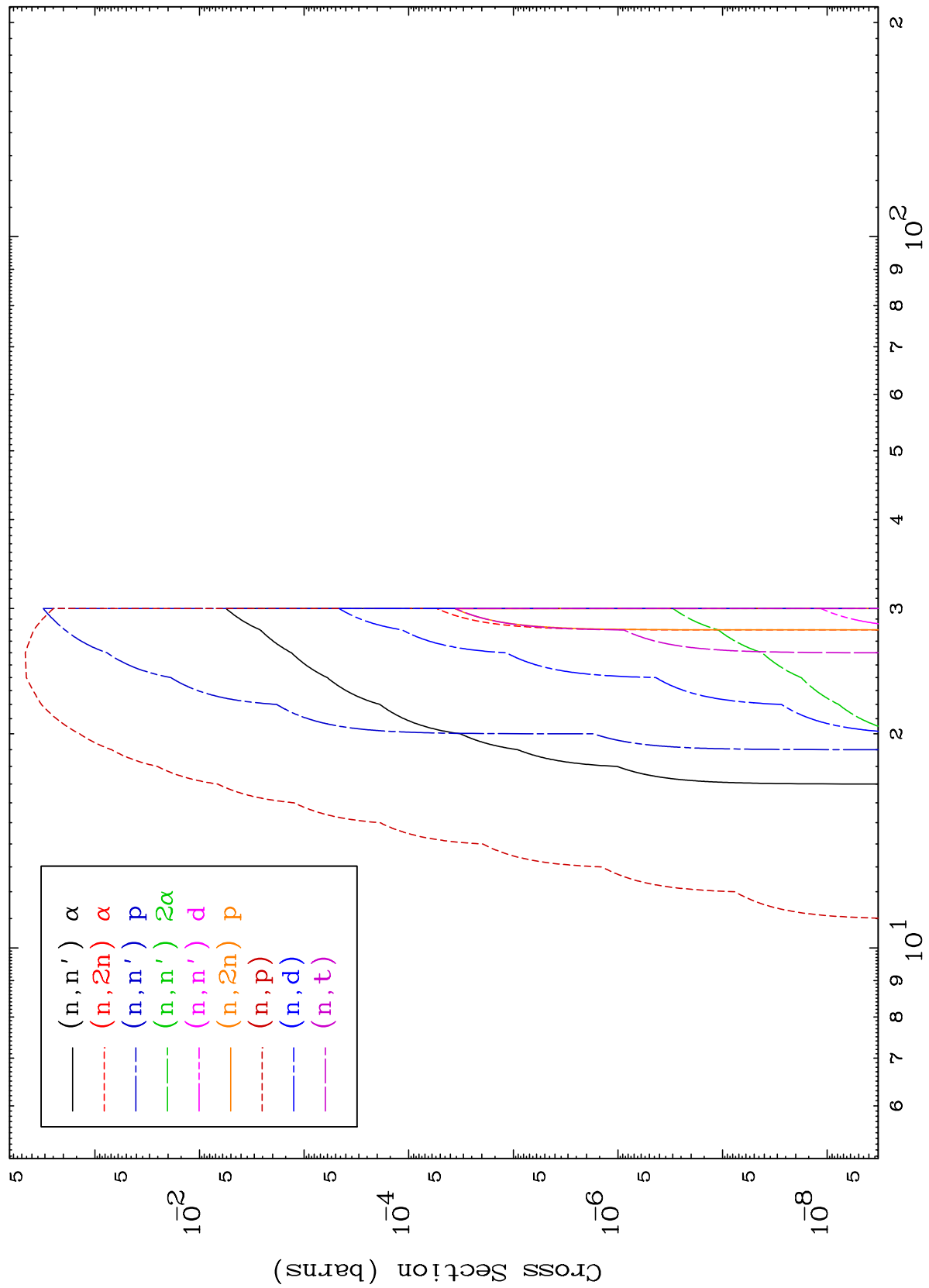


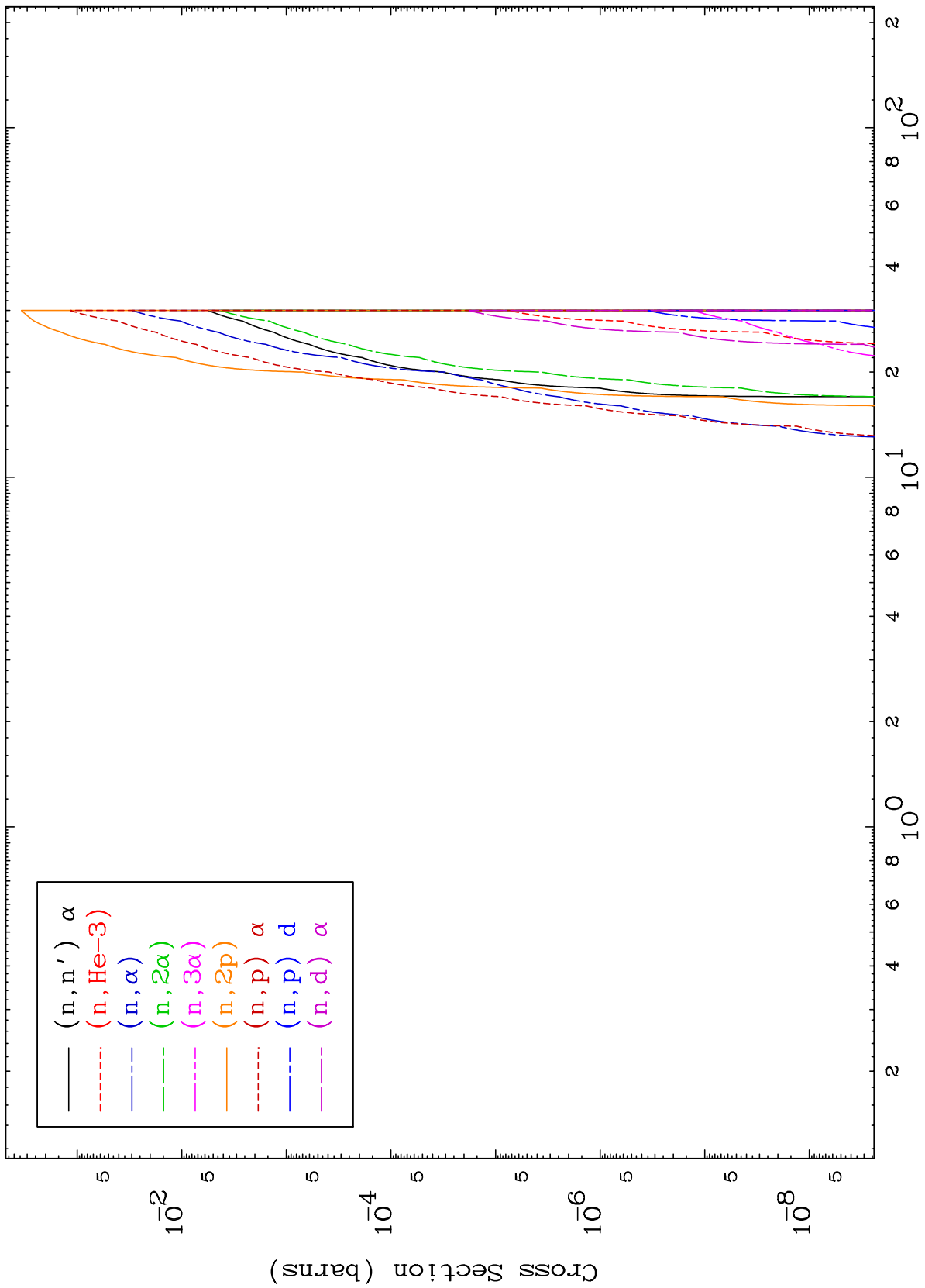
MAT 7072

α Neutron Absorption
0 Kelvin Cross Sections

$^{71}\text{Lu-157m}$





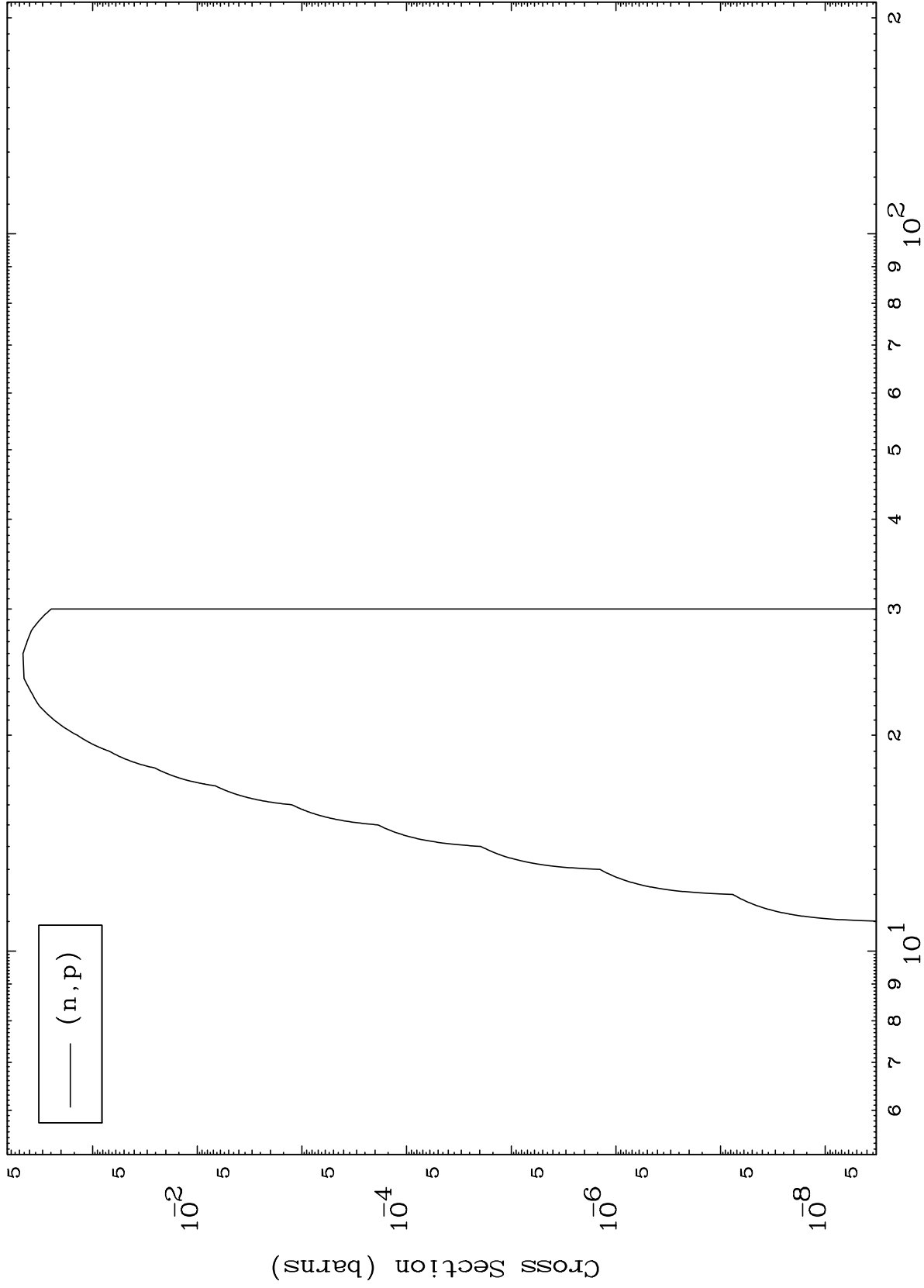


MAT 7072

(α, p) Levels

$^{71}\text{Lu-157m}$

0 Kelvin Cross Sections



(n, p)

Incident Energy (MeV)

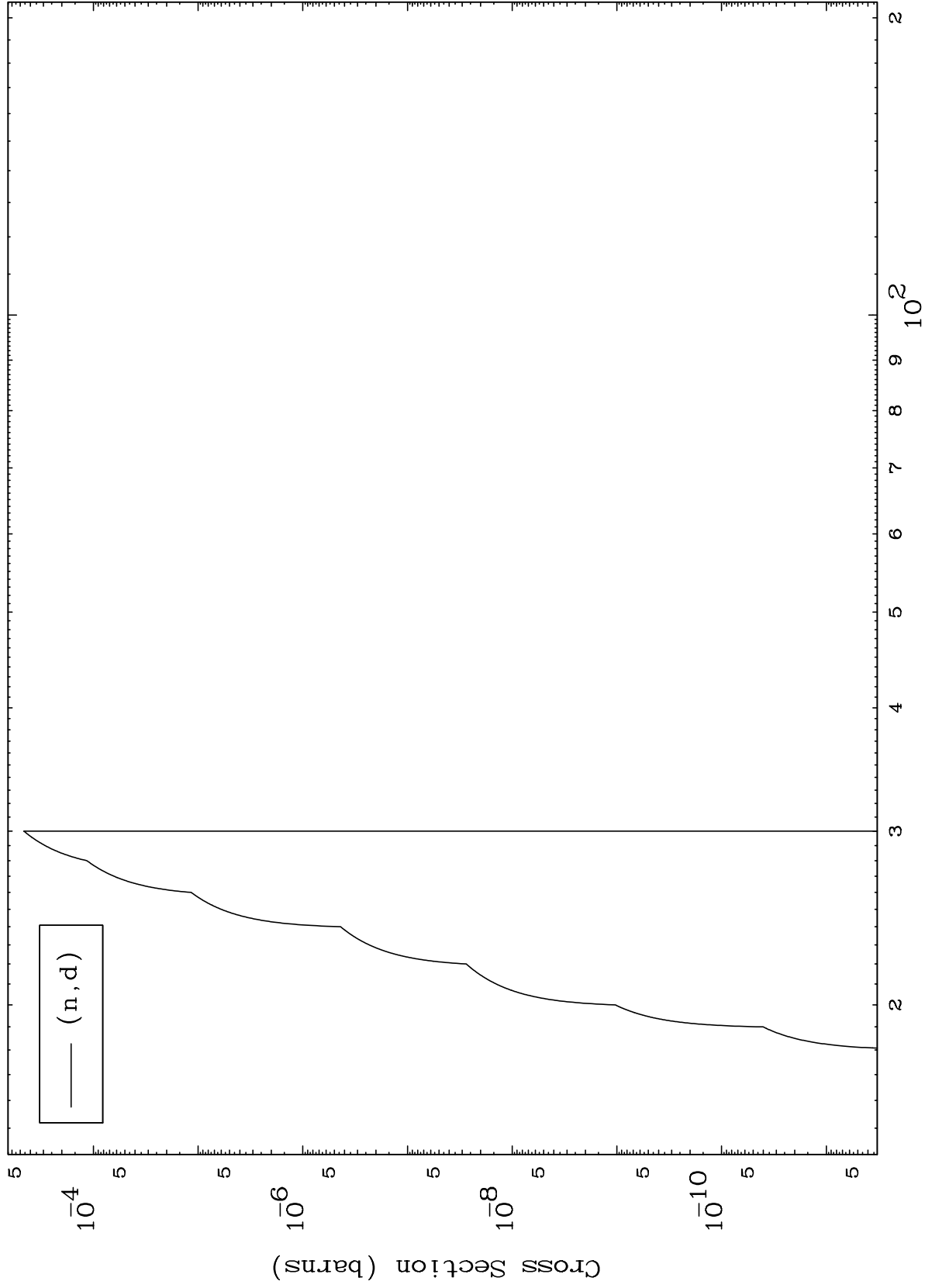
$^{71}\text{Lu-157m}$

6

MAT 7072

(α, d) Levels
0 Kelvin Cross Sections

$^{71}\text{Lu}-157\text{m}$



7

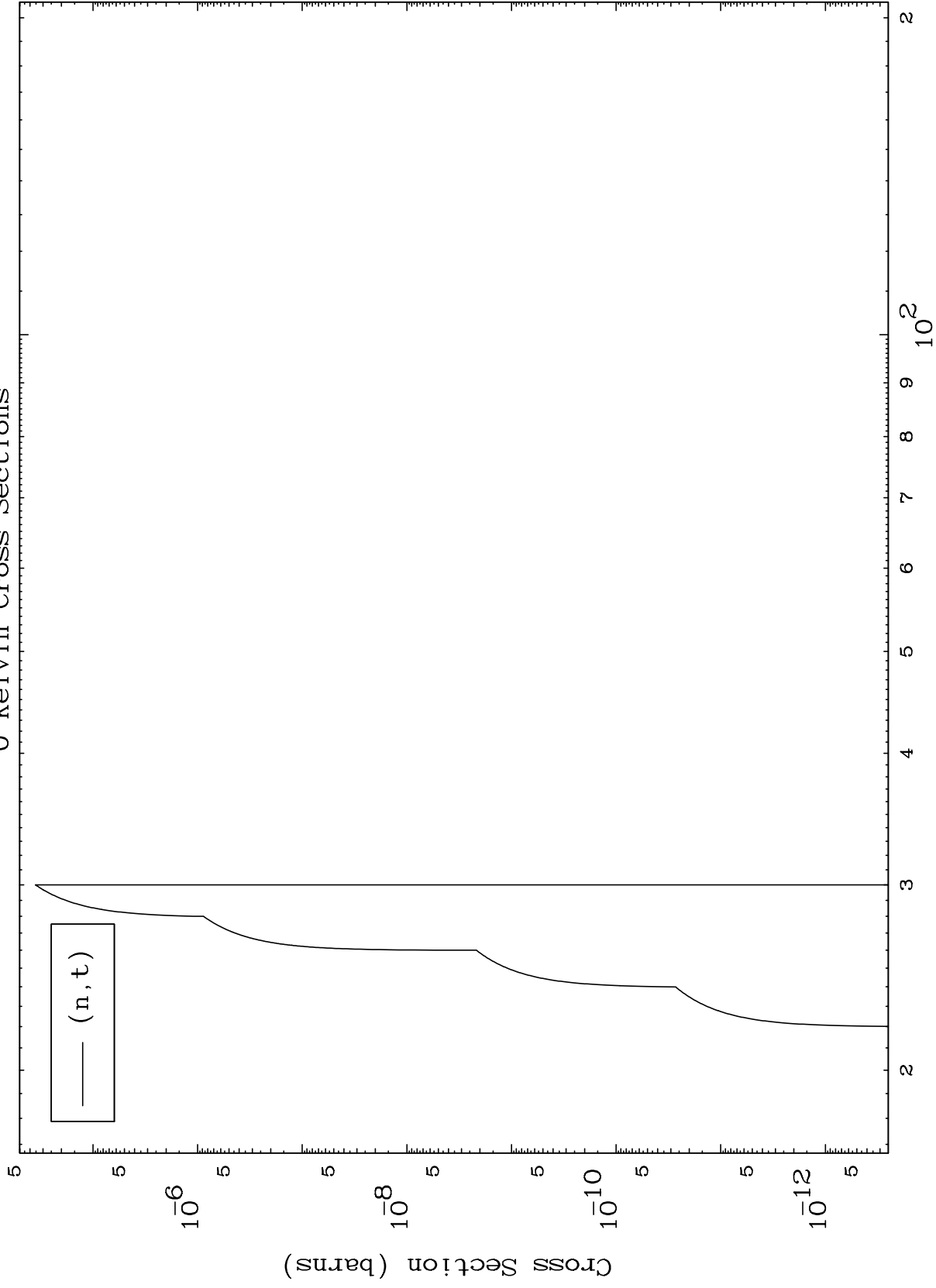
Incident Energy (MeV)

$^{71}\text{Lu}-157\text{m}$

MAT 7072

(α, t) Levels
0 Kelvin Cross Sections

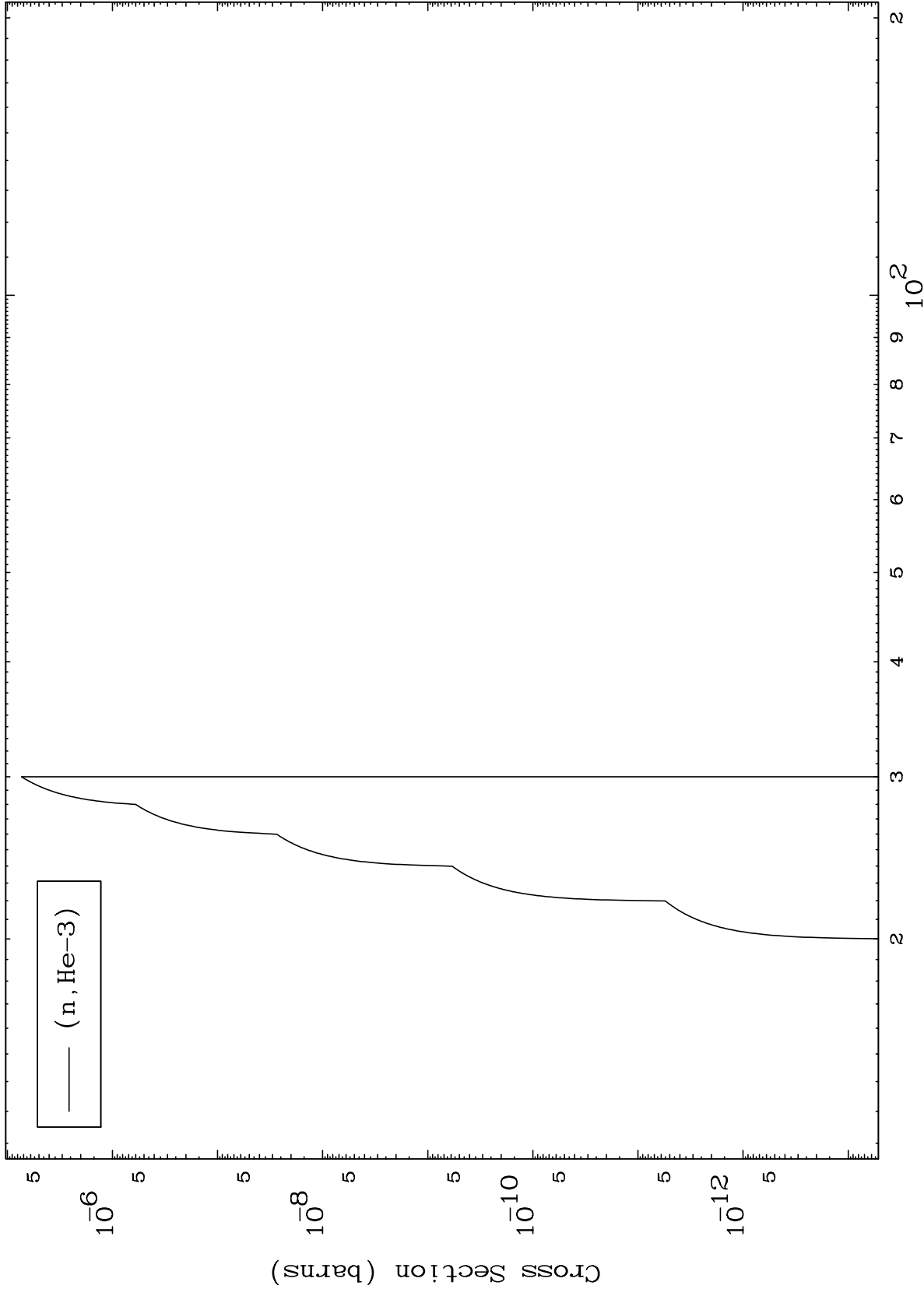
⁷¹Lu-157m



8

Incident Energy (MeV)

⁷¹Lu-157m

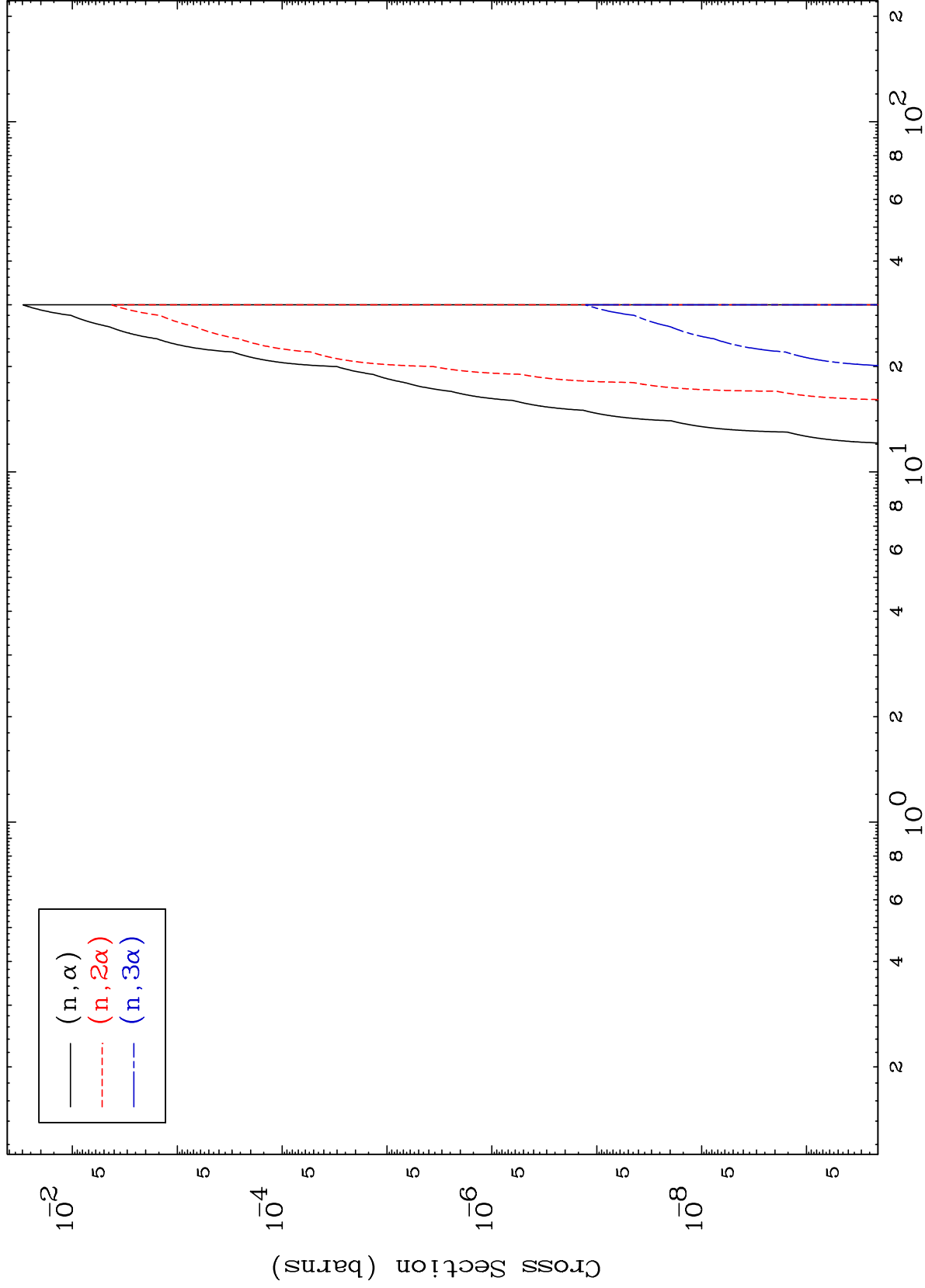


MAT 7072

(α, α) Levels

⁷¹Lu-157m

0 Kelvin Cross Sections



10

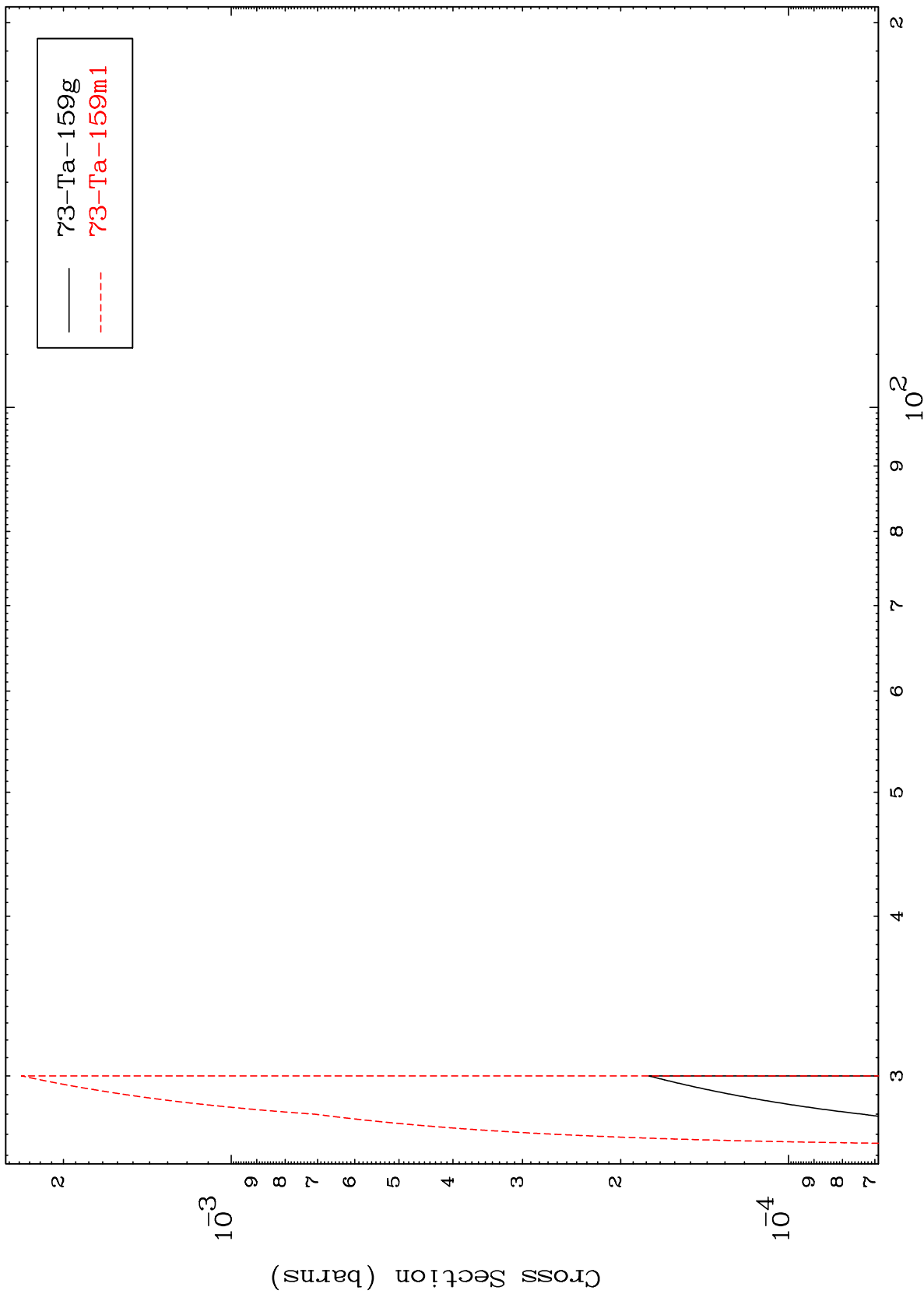
Incident Energy (MeV)

⁷¹Lu-157m

MAT 7072

71-Lu-157m

(n,2n)
Radionuclide Production Cross Section



11

71-Lu-157m

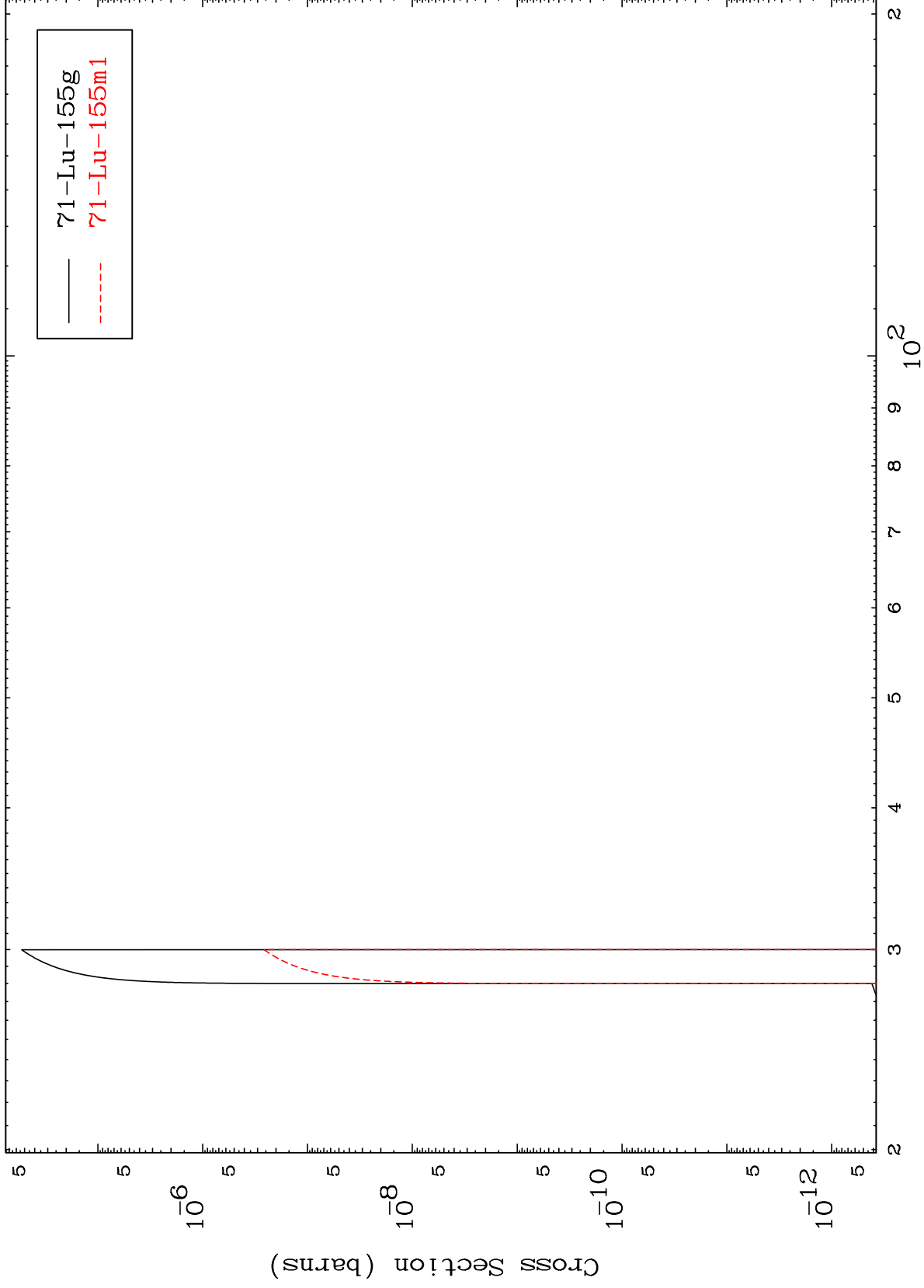
Incident Energy (MeV)

MAT 7072

$(n,2n) \alpha$

$^{71}\text{Lu-157m}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

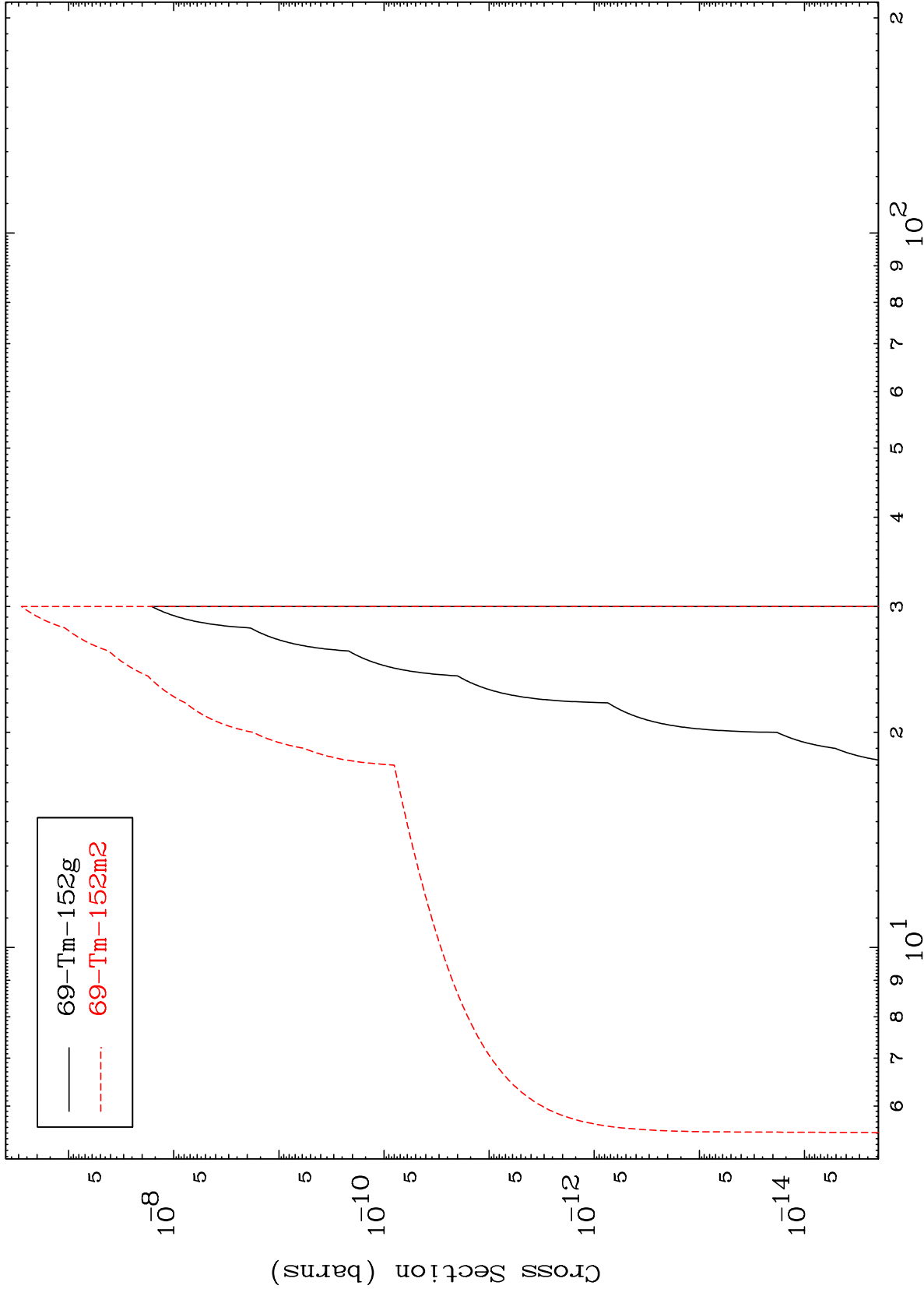
$^{71}\text{Lu-157m}$

MAT 7072

(n,n') 2α

71-Lu-157m

Radionuclide Production Cross Section



13

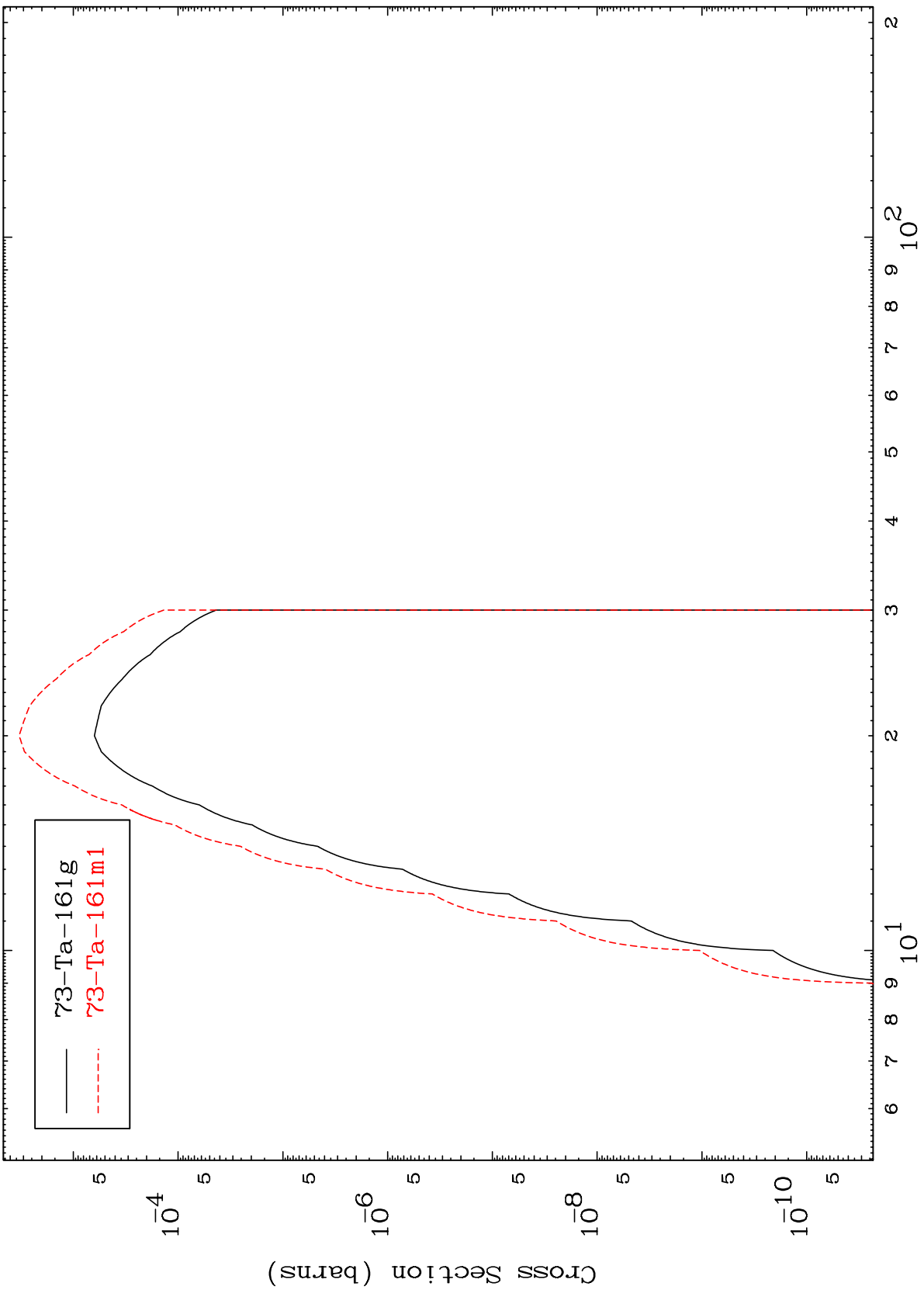
Incident Energy (MeV)

71-Lu-157m

MAT 7072

⁷¹Lu-157m

Radionuclide Production Cross Section (n,γ)



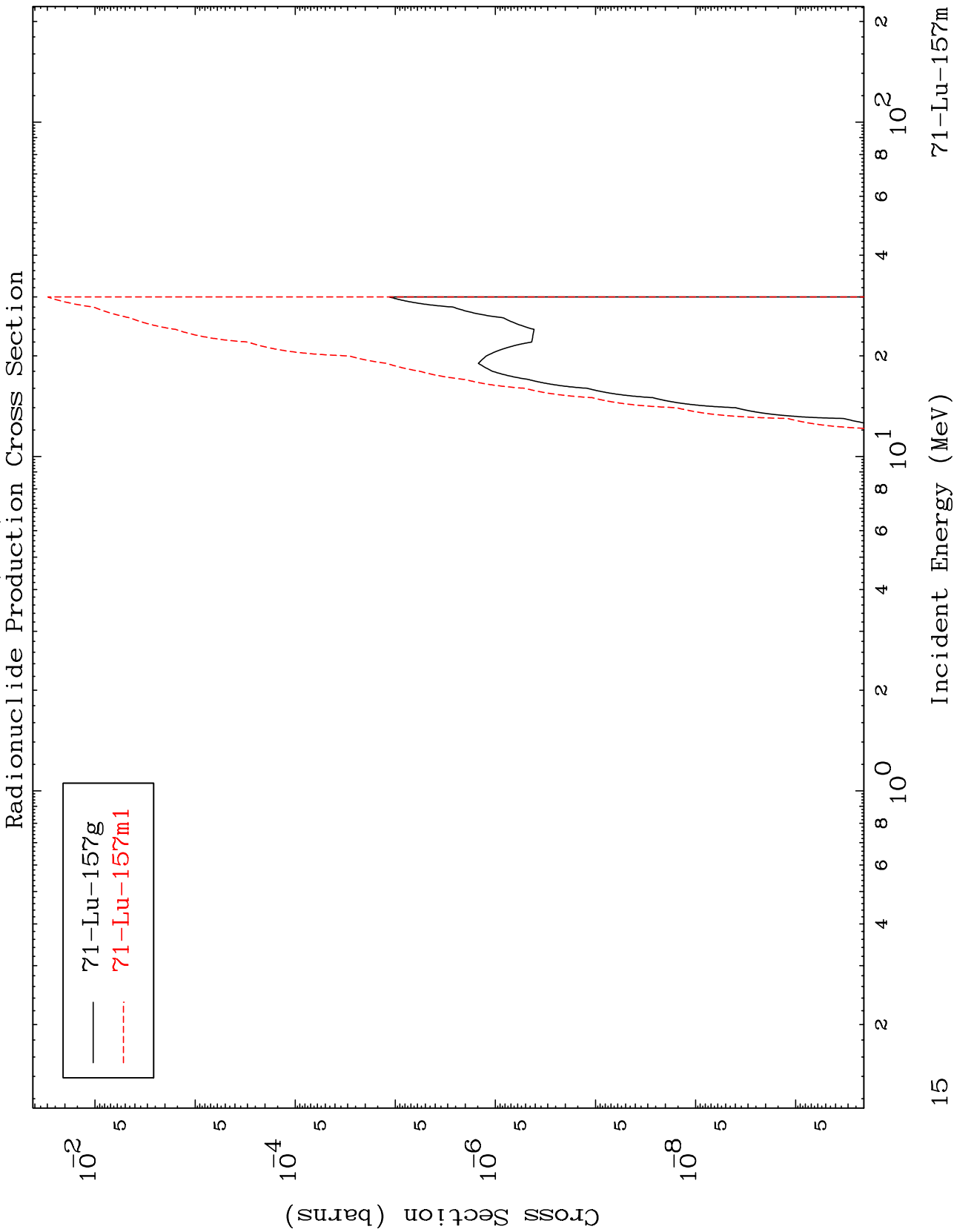
14

Incident Energy (MeV)

⁷¹Lu-157m

MAT 7072

⁷¹Lu-157m

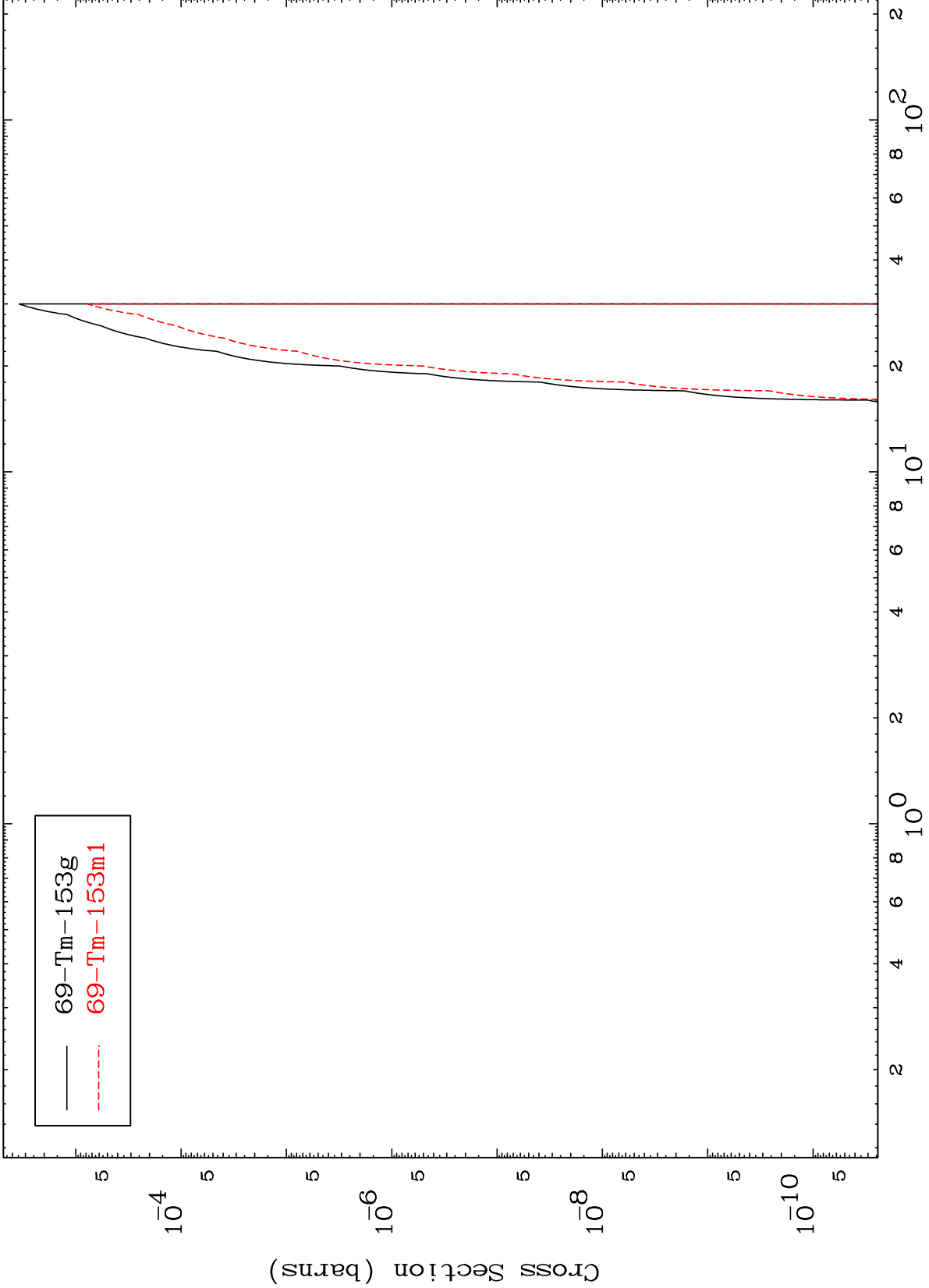


MAT 7072

(n,2α)

71-Lu-157m

Radionuclide Production Cross Section



69-Tm-153g
69-Tm-153m1

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71-Lu-157m

Radionuclide Production Cross Section
(n, 3α)

