

Program EVALPLOT
(Version 2021-1)

by

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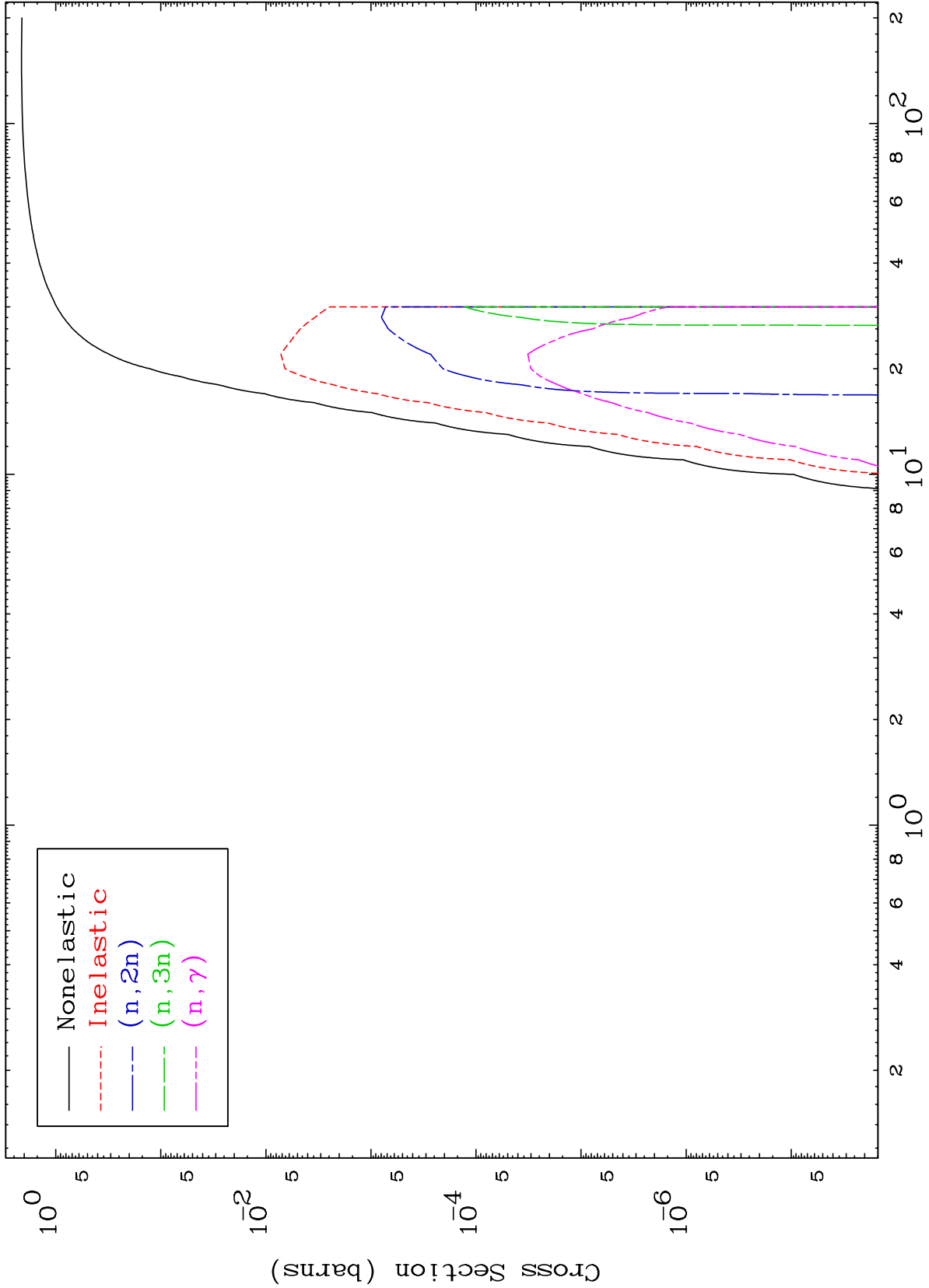
Press Mouse Button to Start

MAT 7072

He-3 Major

71-Lu-157m

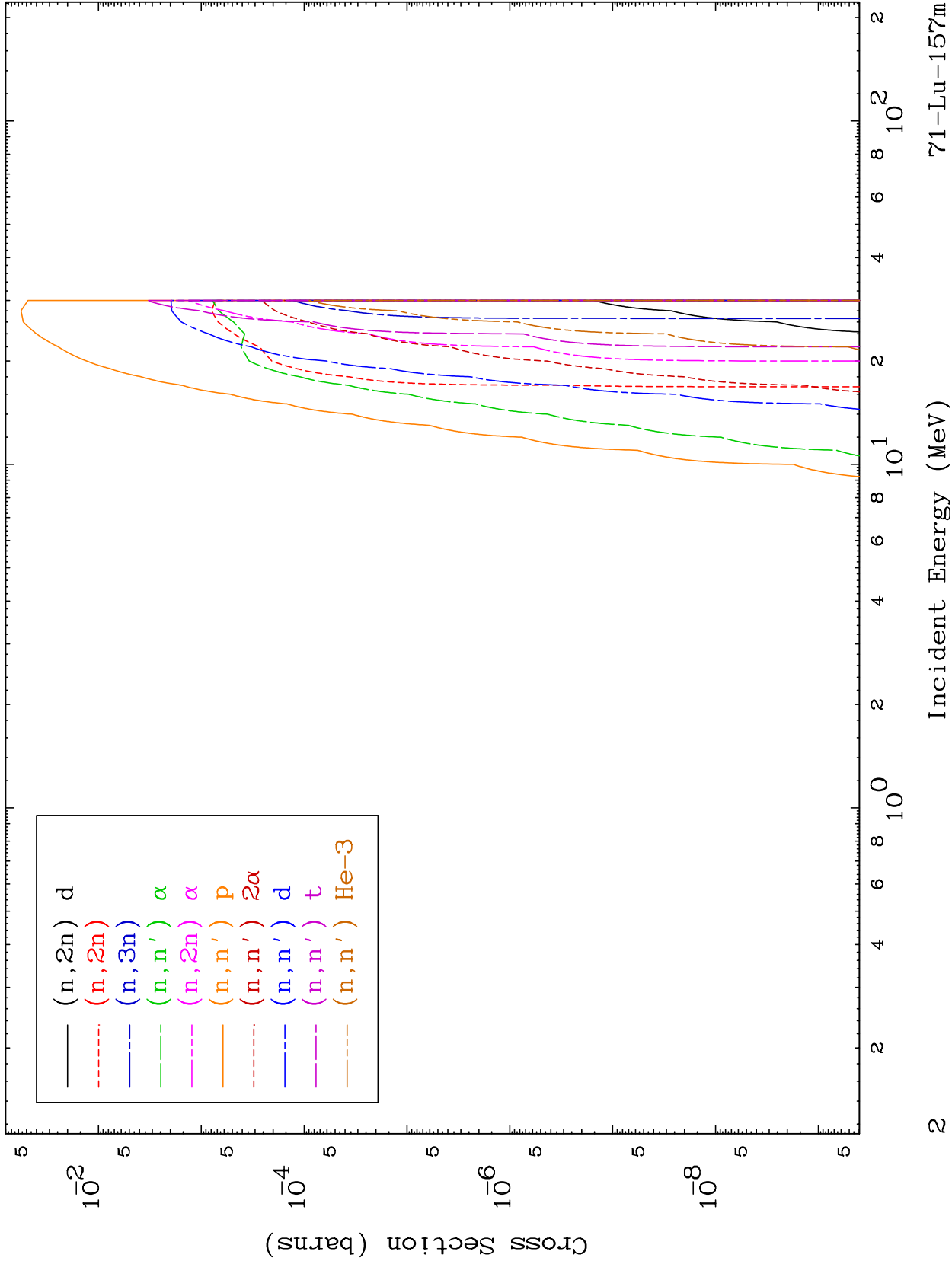
0 Kelvin Cross Sections



MAT 7072

He-3 Neutron Absorption
0 Kelvin Cross Sections

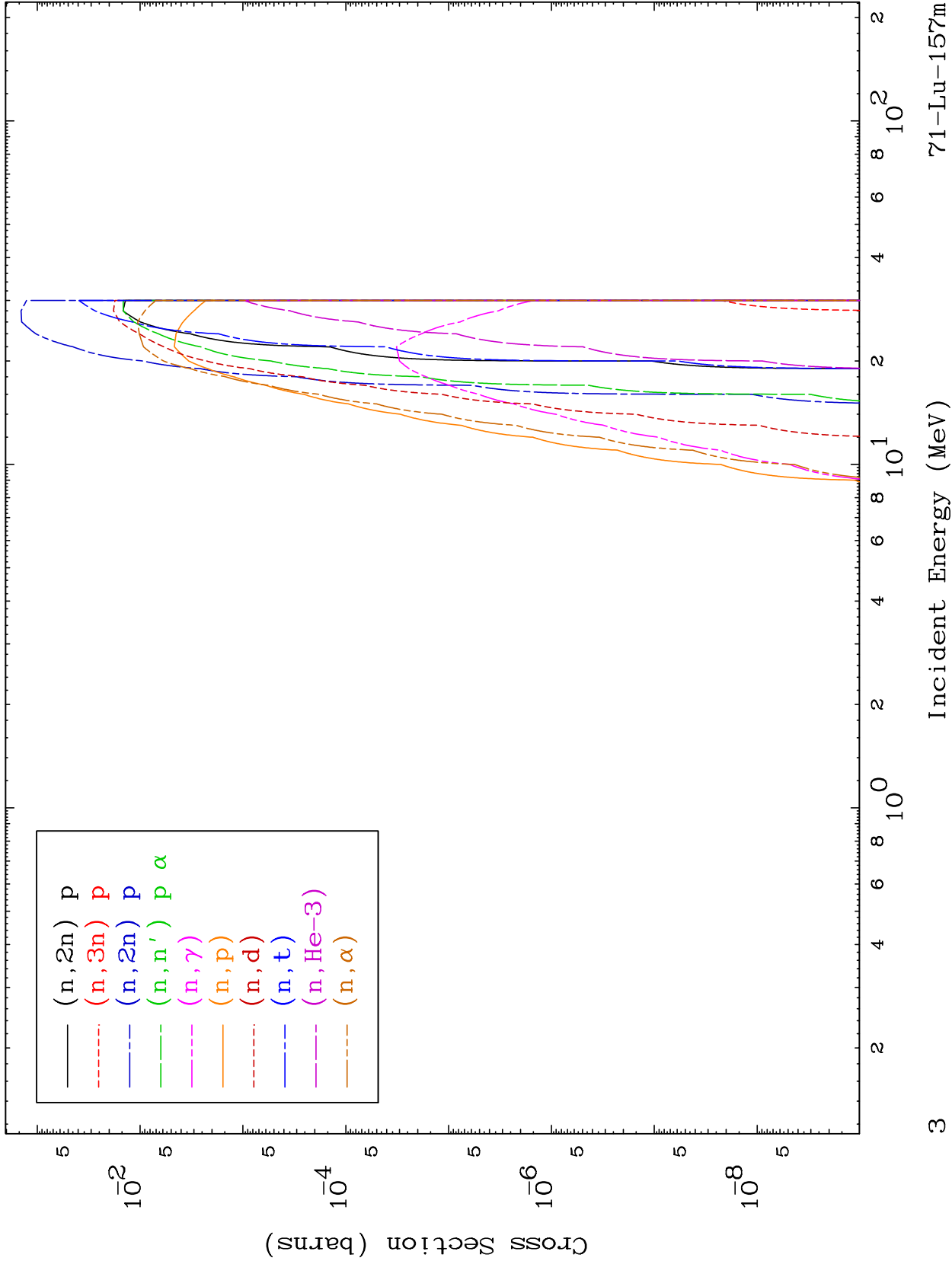
71-Lu-157m



MAT 7072

He-3 Neutron Absorption
0 Kelvin Cross Sections

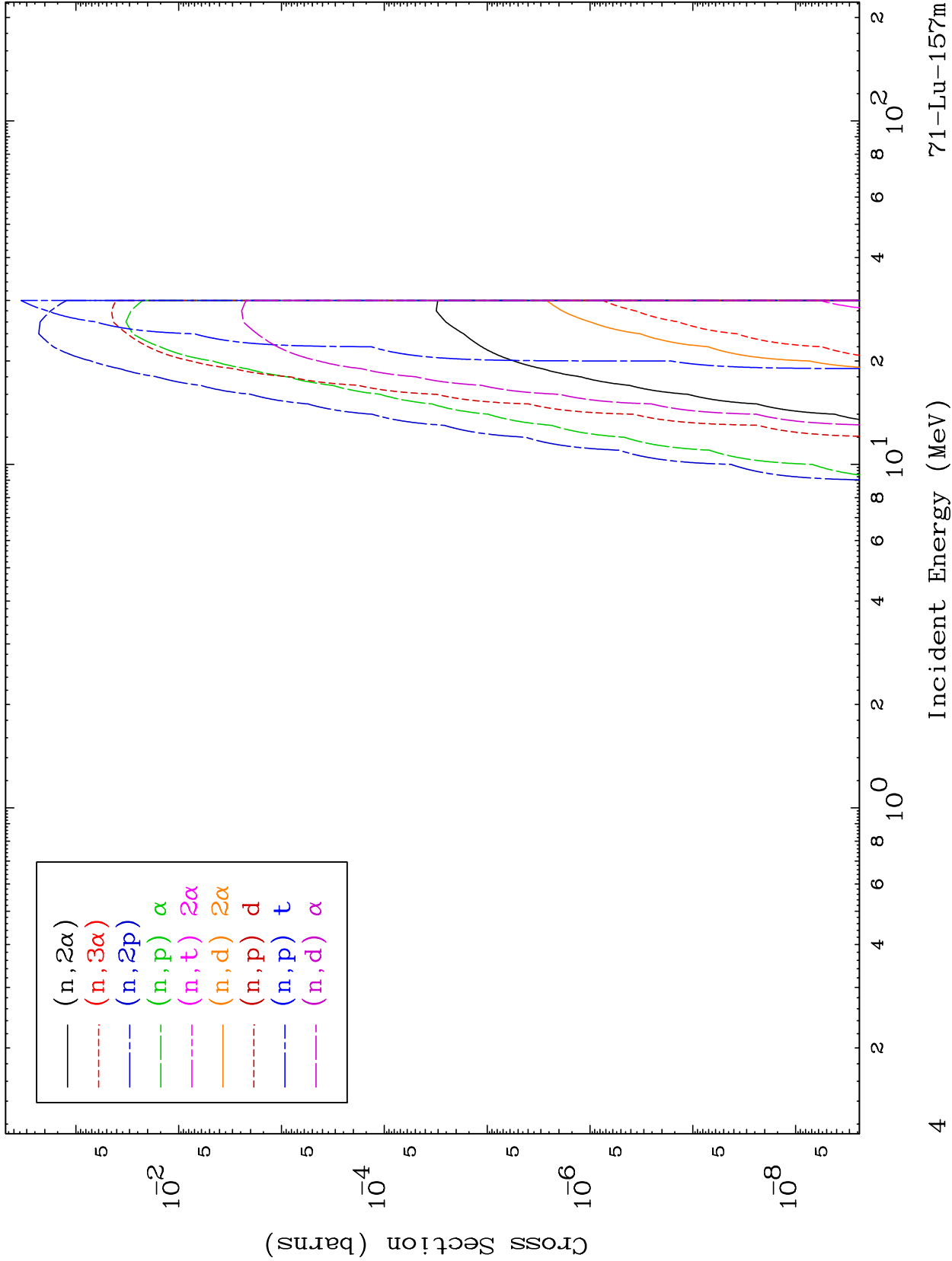
71-Lu-157m



MAT 7072

He-3 Neutron Absorption
0 Kelvin Cross Sections

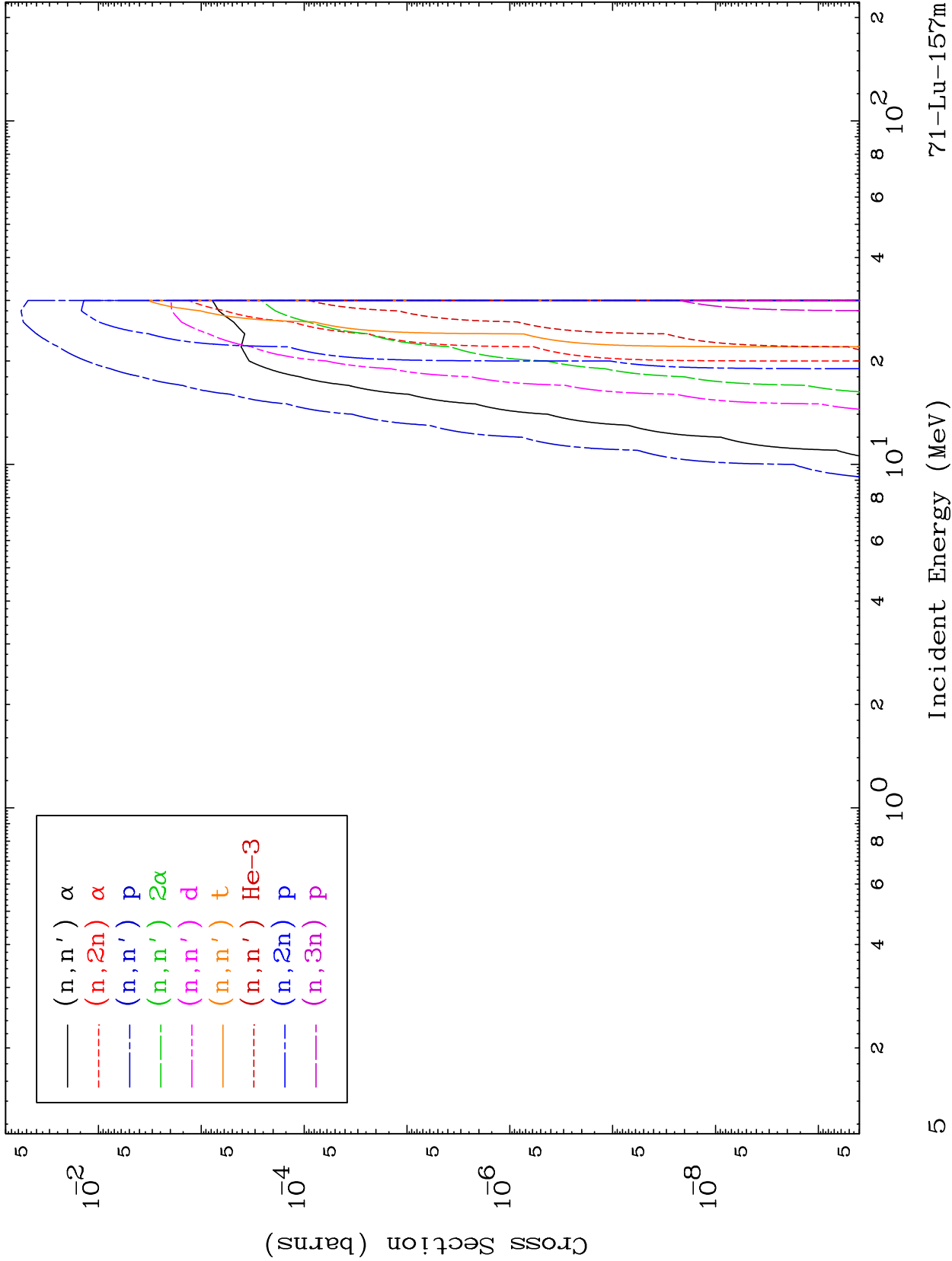
71-Lu-157m

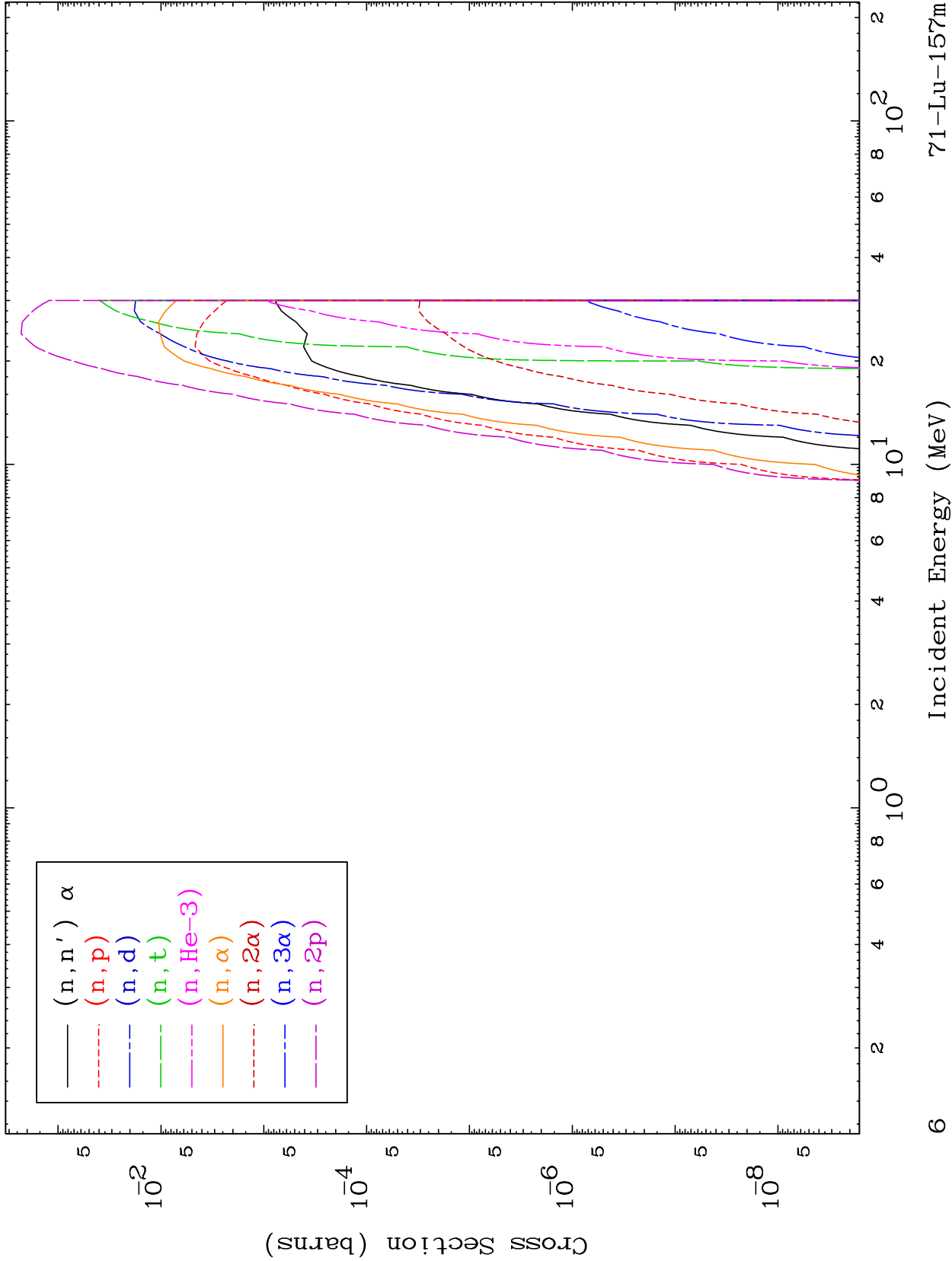


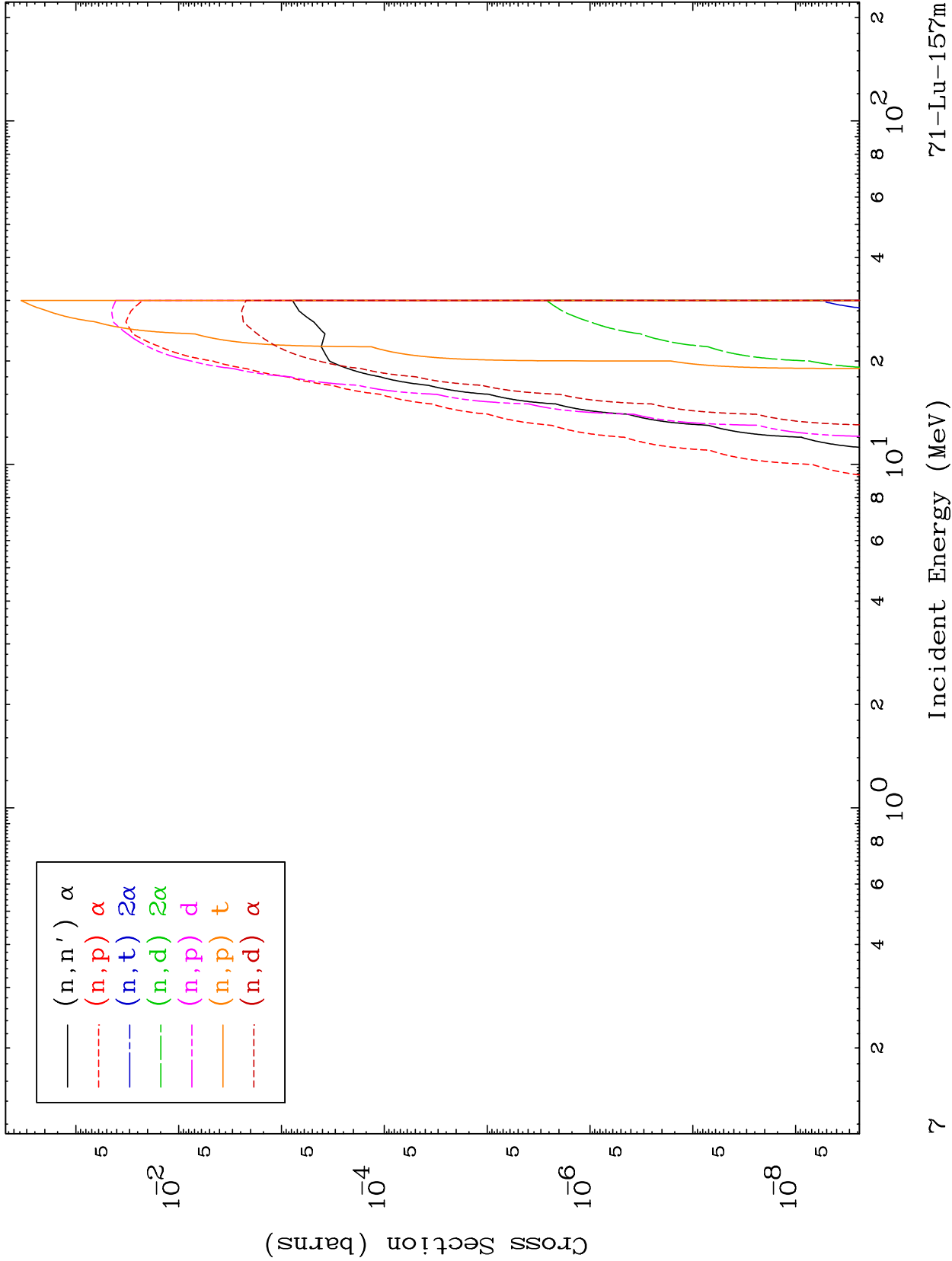
MAT 7072

He-3 Charged Particle
0 Kelvin Cross Sections

71-Lu-157m



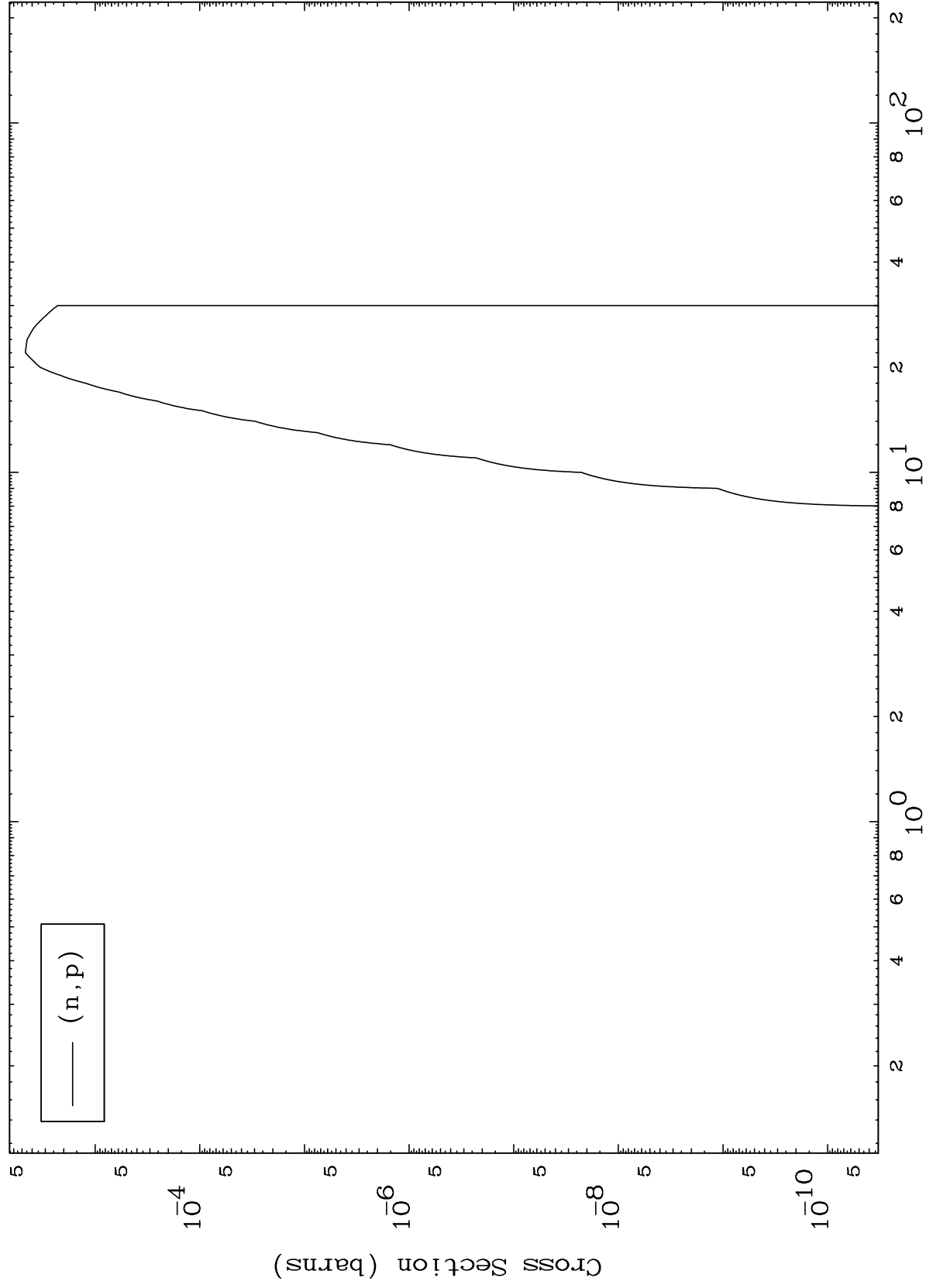




MAT 7072

(He-3,p) Levels
0 Kelvin Cross Sections

71-Lu-157m



8

Incident Energy (MeV)

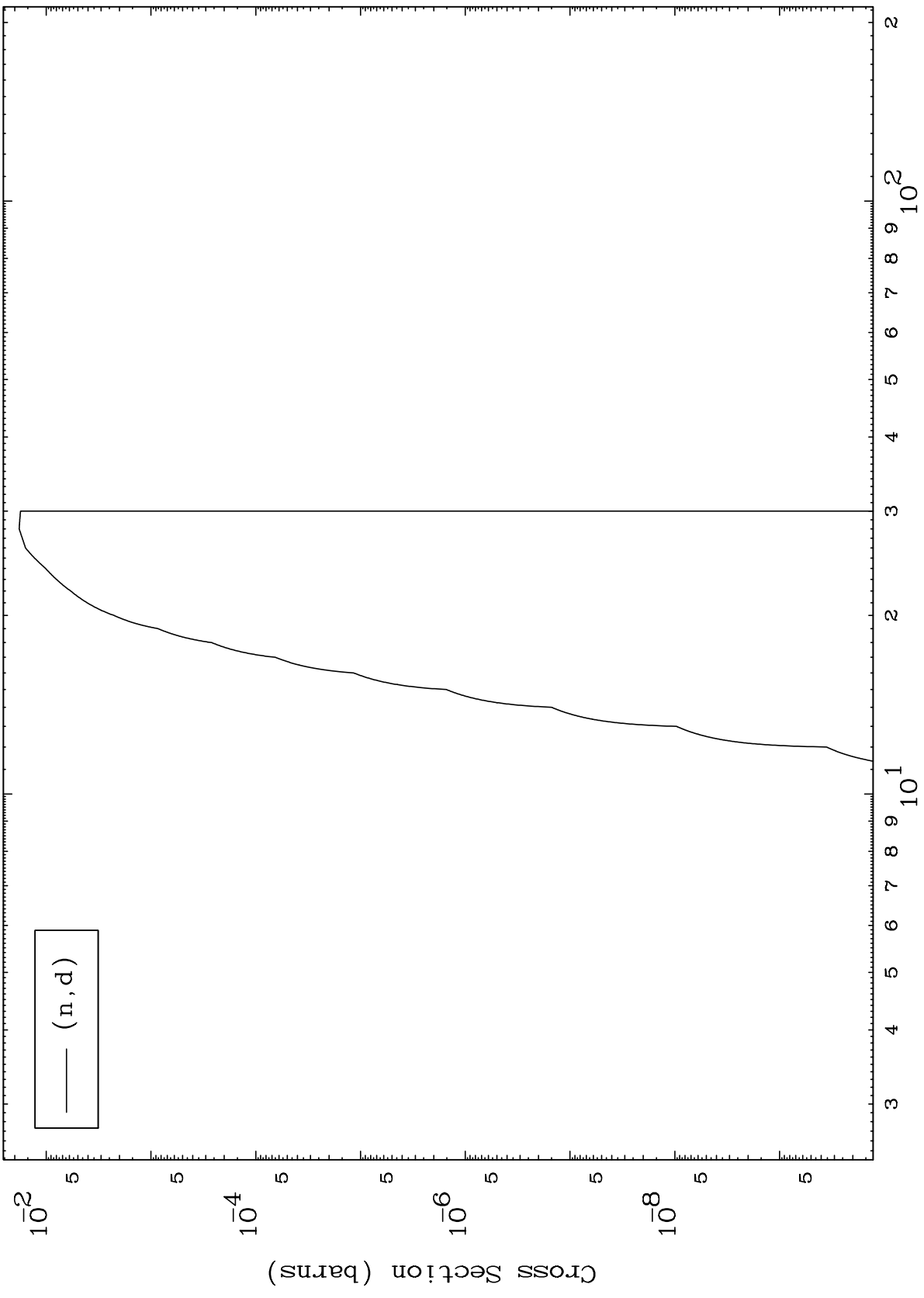
71-Lu-157m

MAT 7072

(He-3,d) Levels

71-Lu-157m

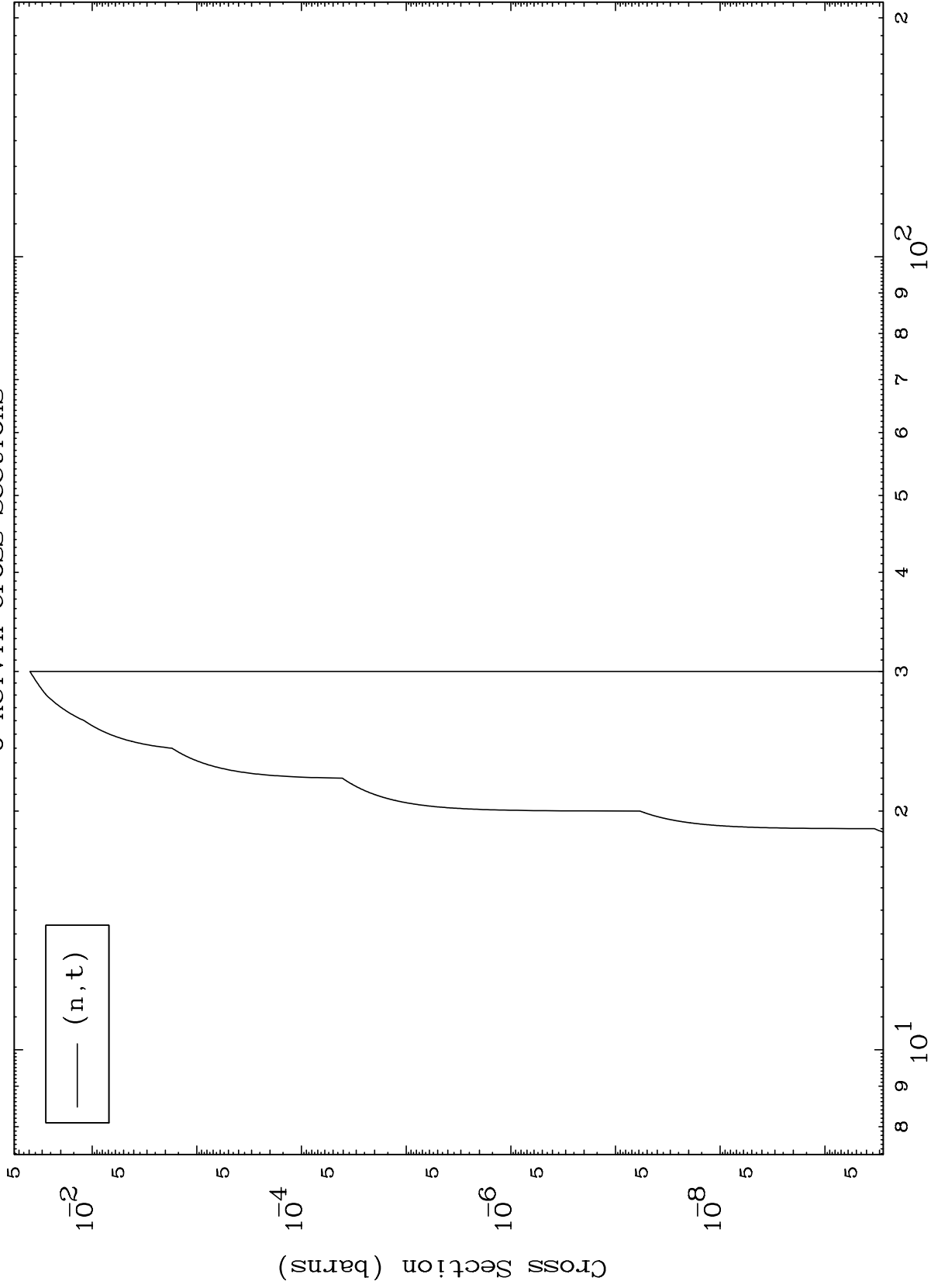
0 Kelvin Cross Sections



MAT 7072

(He-3,t) Levels
0 Kelvin Cross Sections

71-Lu-157m



10

Incident Energy (MeV)

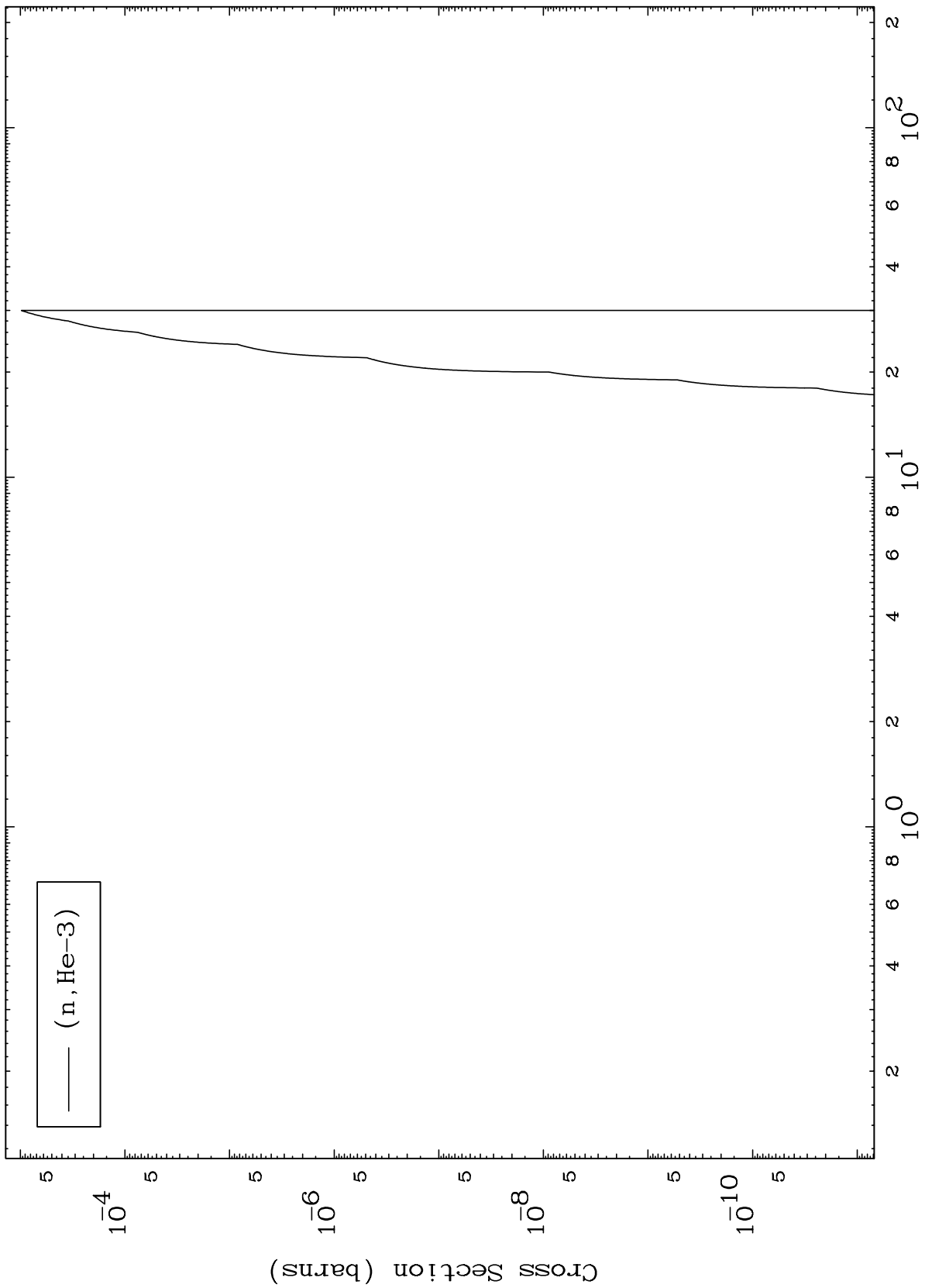
71-Lu-157m

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(He-3, He3) Levels

71-Lu-157m

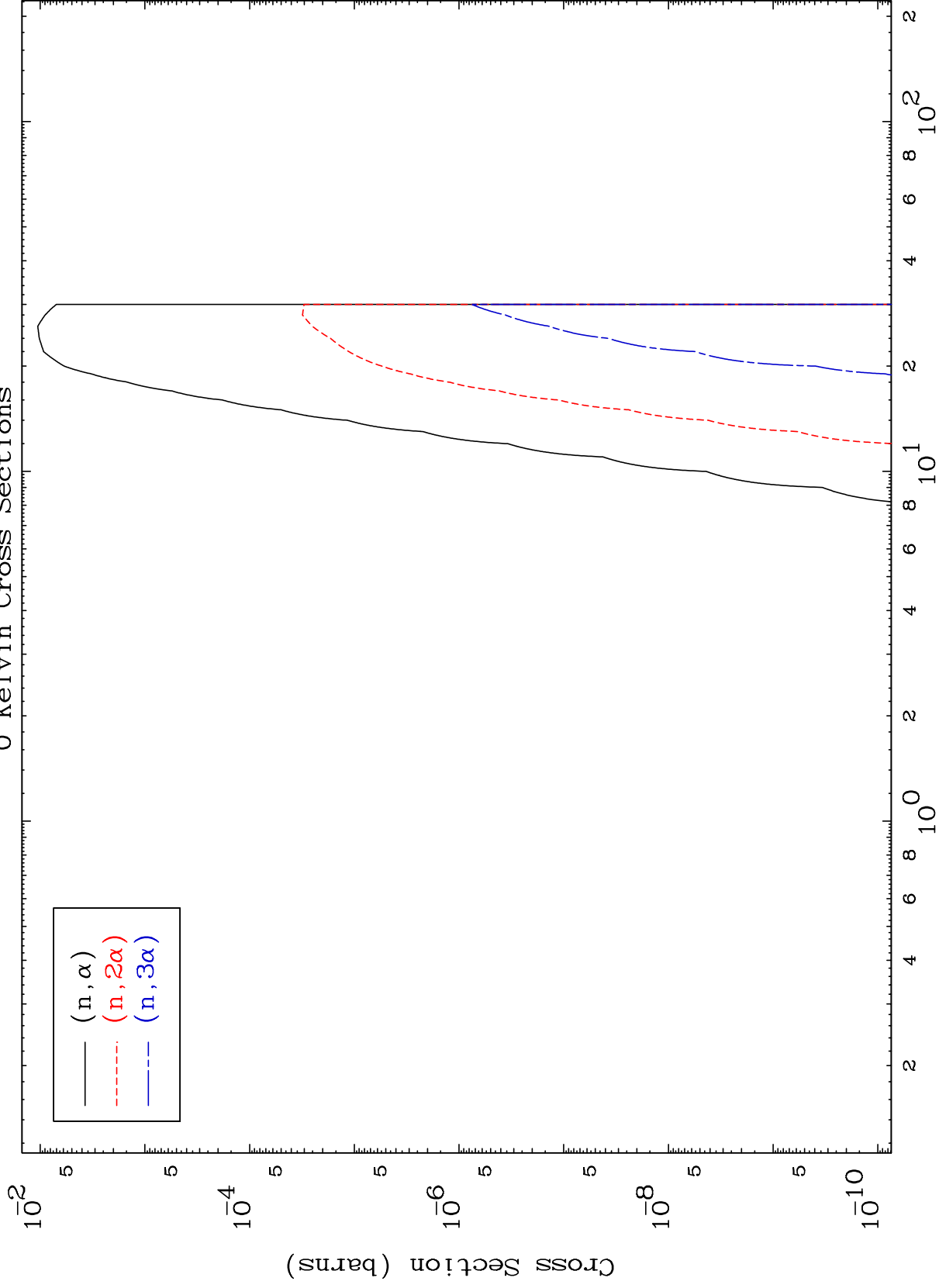
0 Kelvin Cross Sections



MAT 7072

(He-3, α) Levels
0 Kelvin Cross Sections

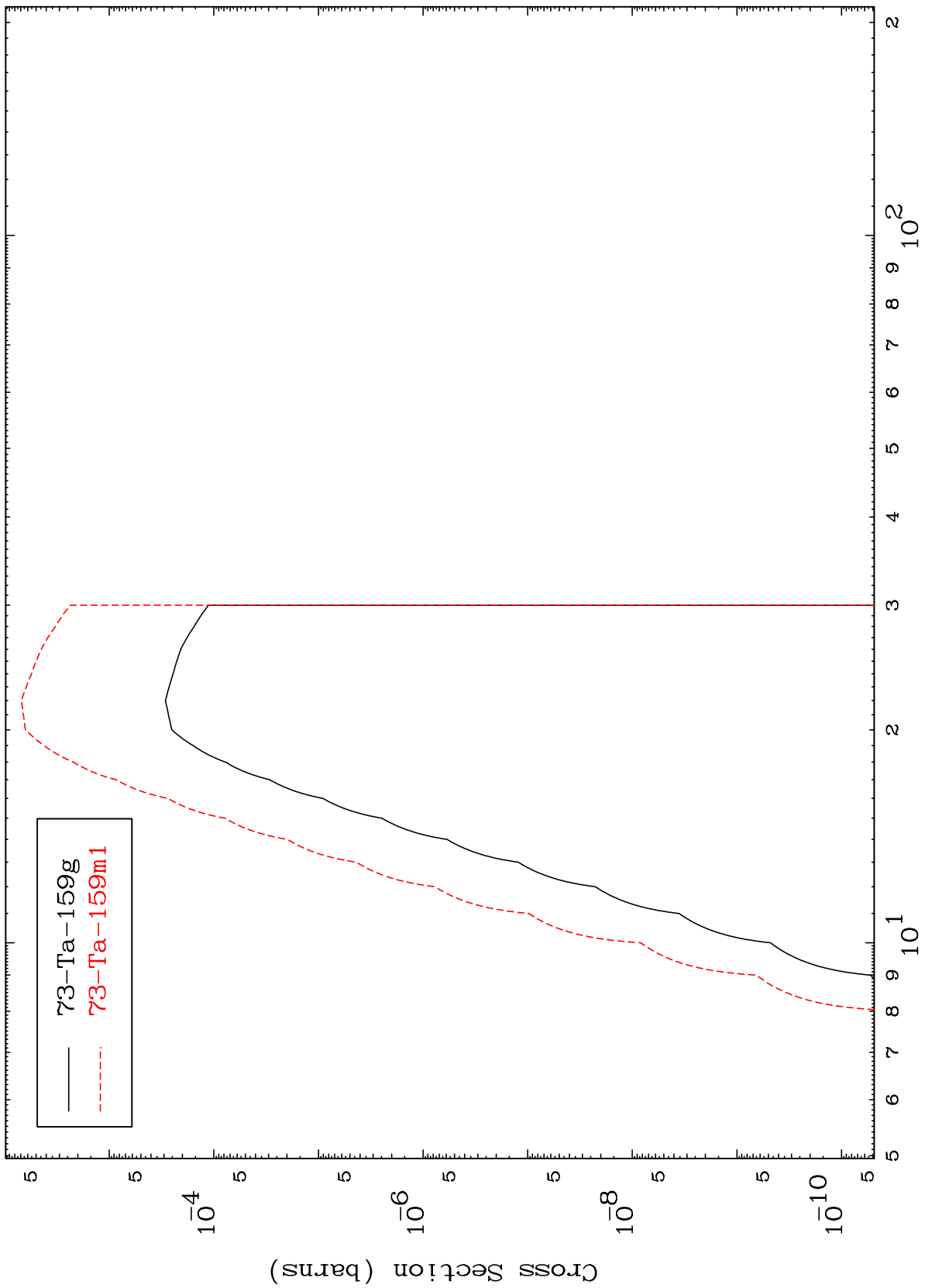
71-Lu-157m



MAT 7072

71-Lu-157m

Inelastic
Radionuclide Production Cross Section



— $^{73}\text{Ta-159g}$
- - - $^{73}\text{Ta-159m1}$

71-Lu-157m

Incident Energy (MeV)

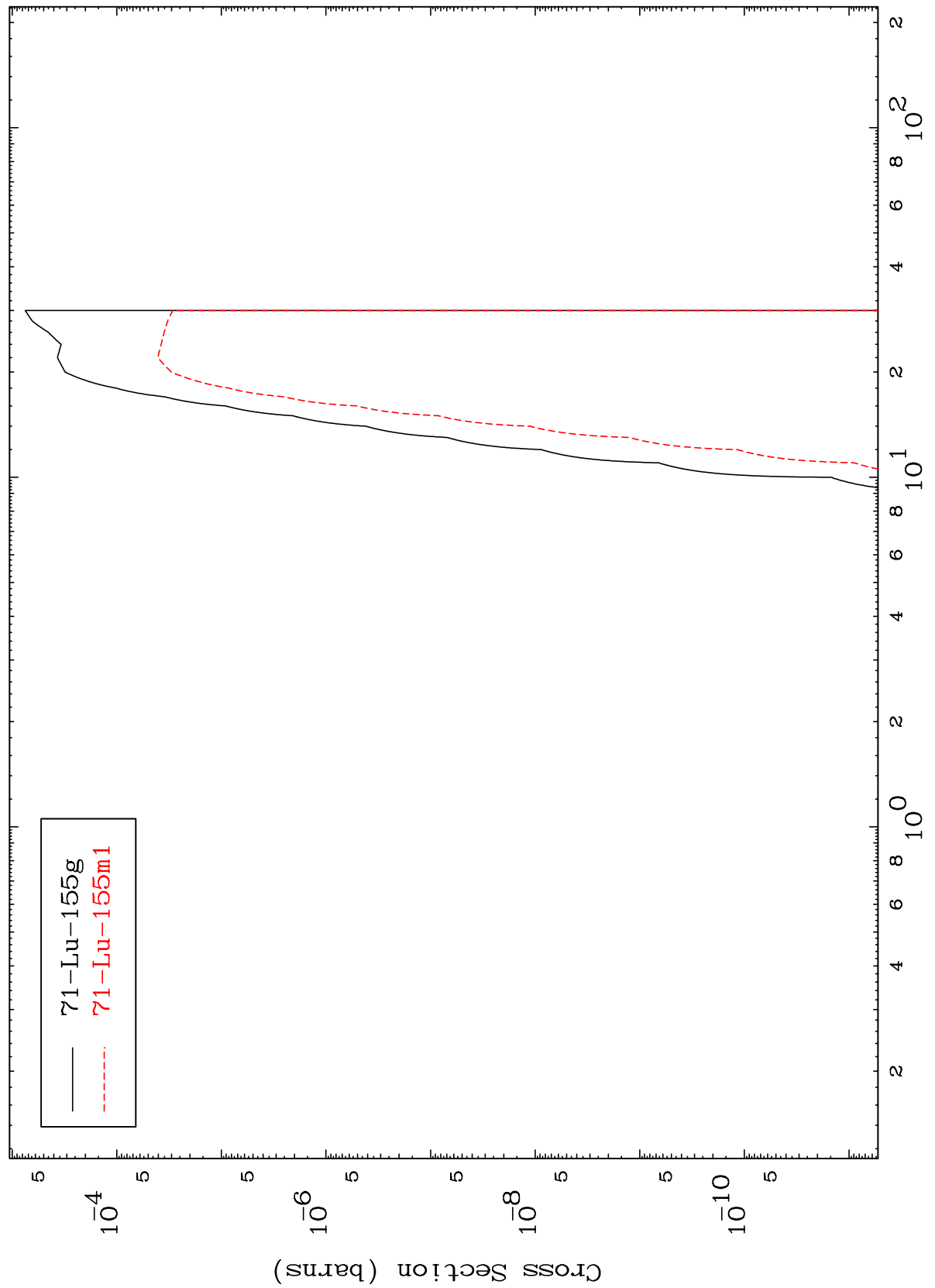
13

MAT 7072

$(n, n') \alpha$

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

Radionuclide Production Cross Section

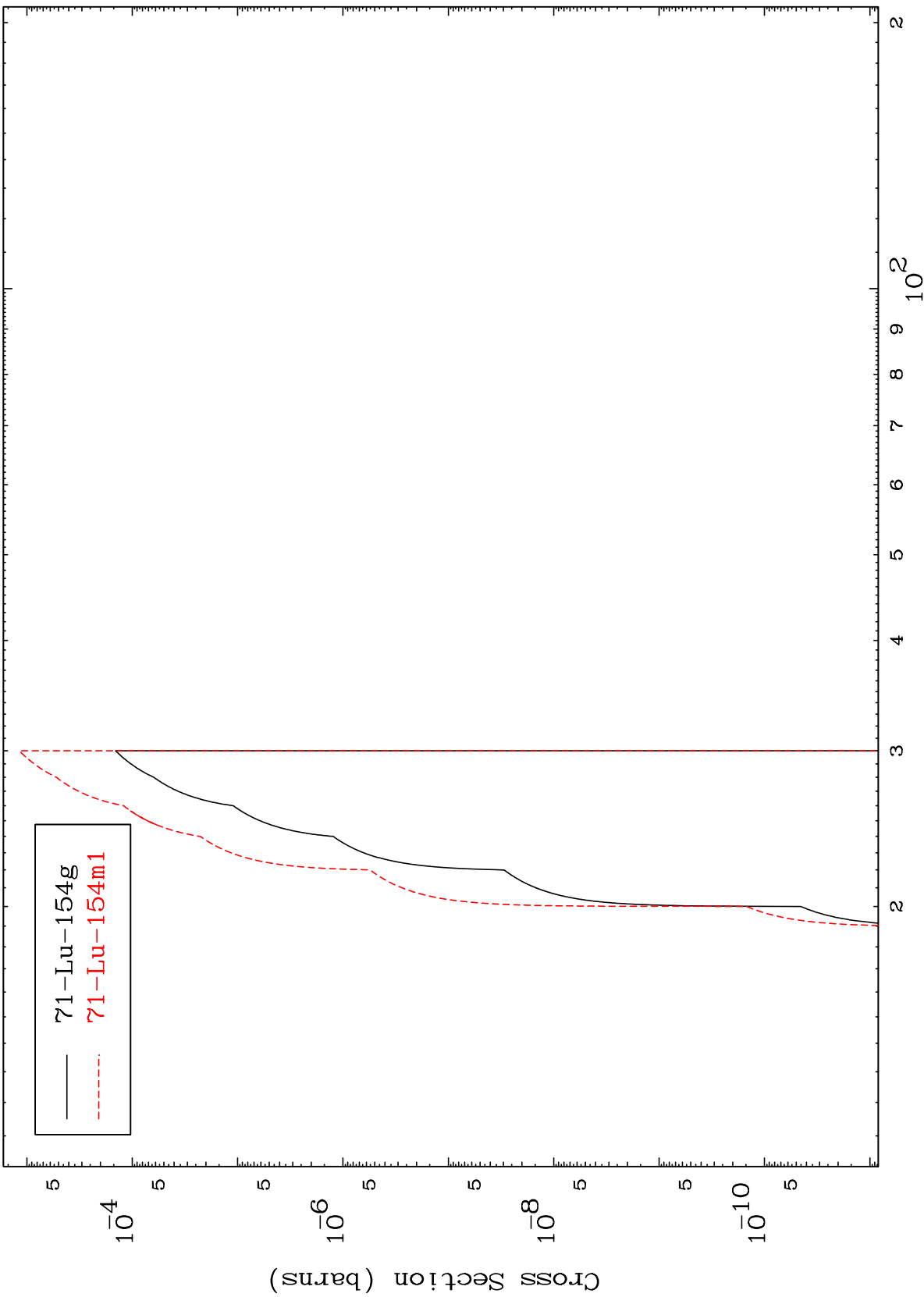


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(n,2n) α

⁷¹Lu-157m

Radionuclide Production Cross Section

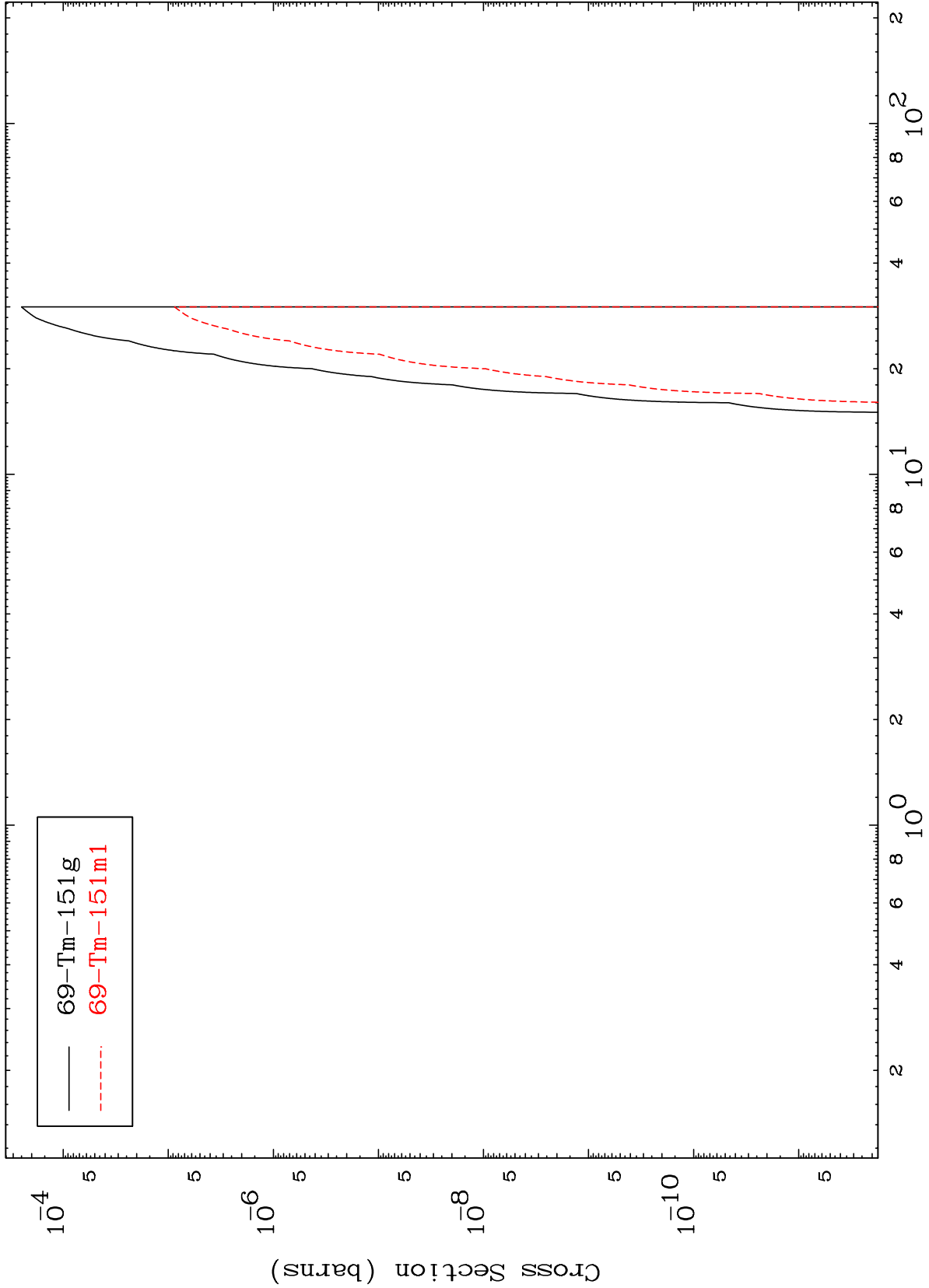


MAT 7072

(n,n') 2 α

71-Lu-157m

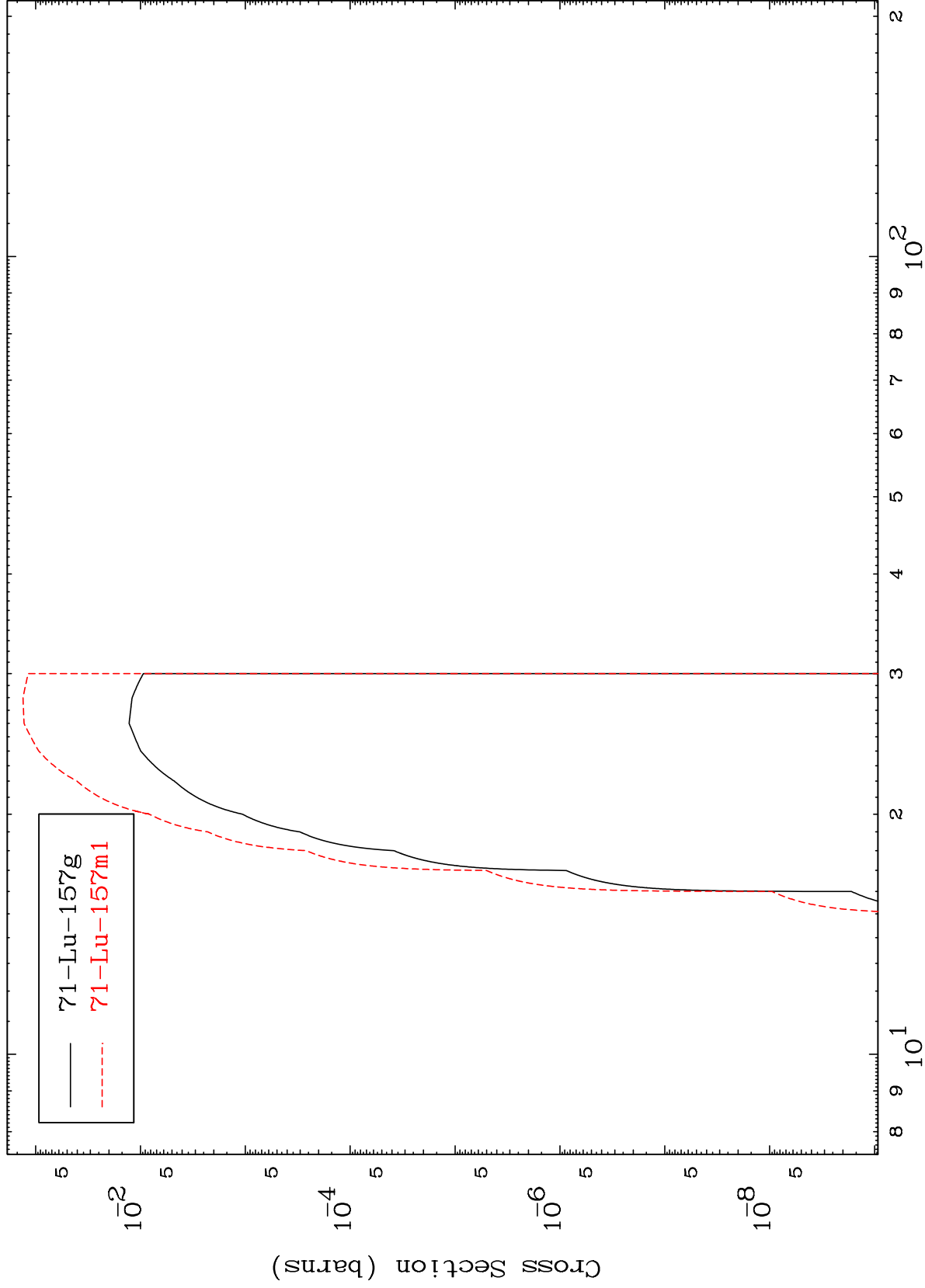
Radionuclide Production Cross Section



MAT 7072

⁷¹Lu-157m

Radionuclide Production Cross Section



⁷¹Lu-157m

Incident Energy (MeV)

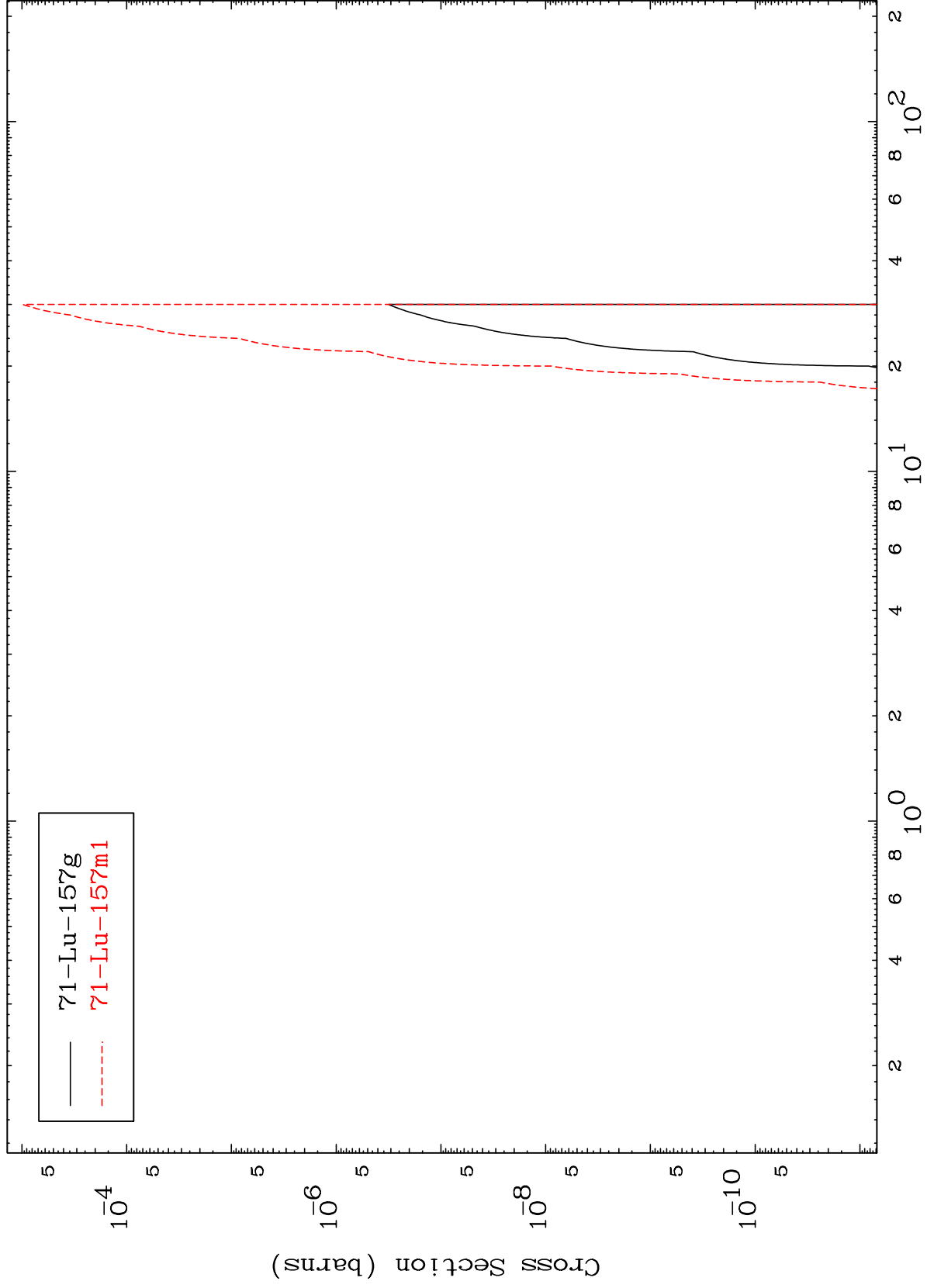
17

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(n,He-3)

⁷¹Lu-157m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

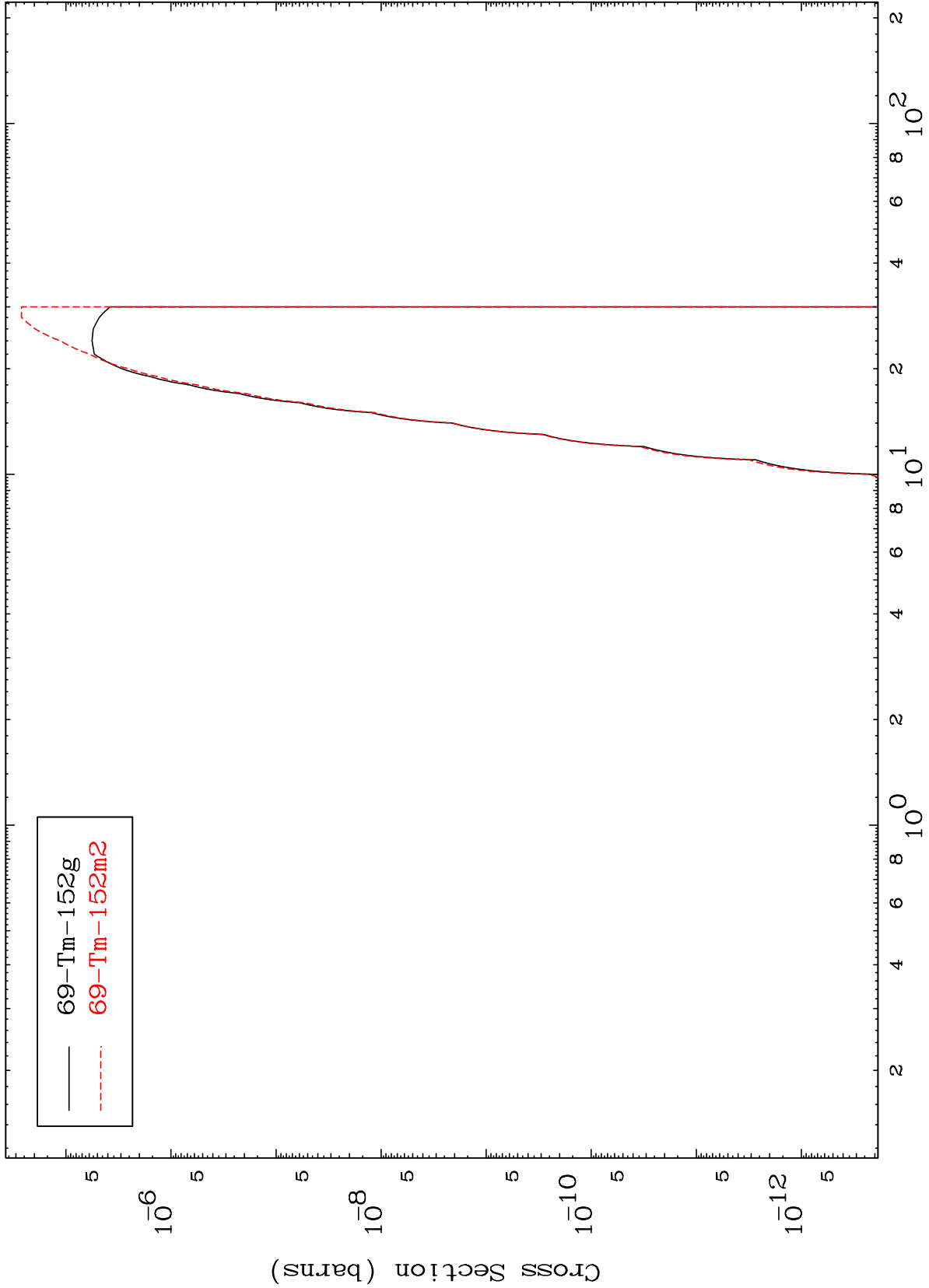
⁷¹Lu-157m

MAT 7072

(n,2α)

71-Lu-157m

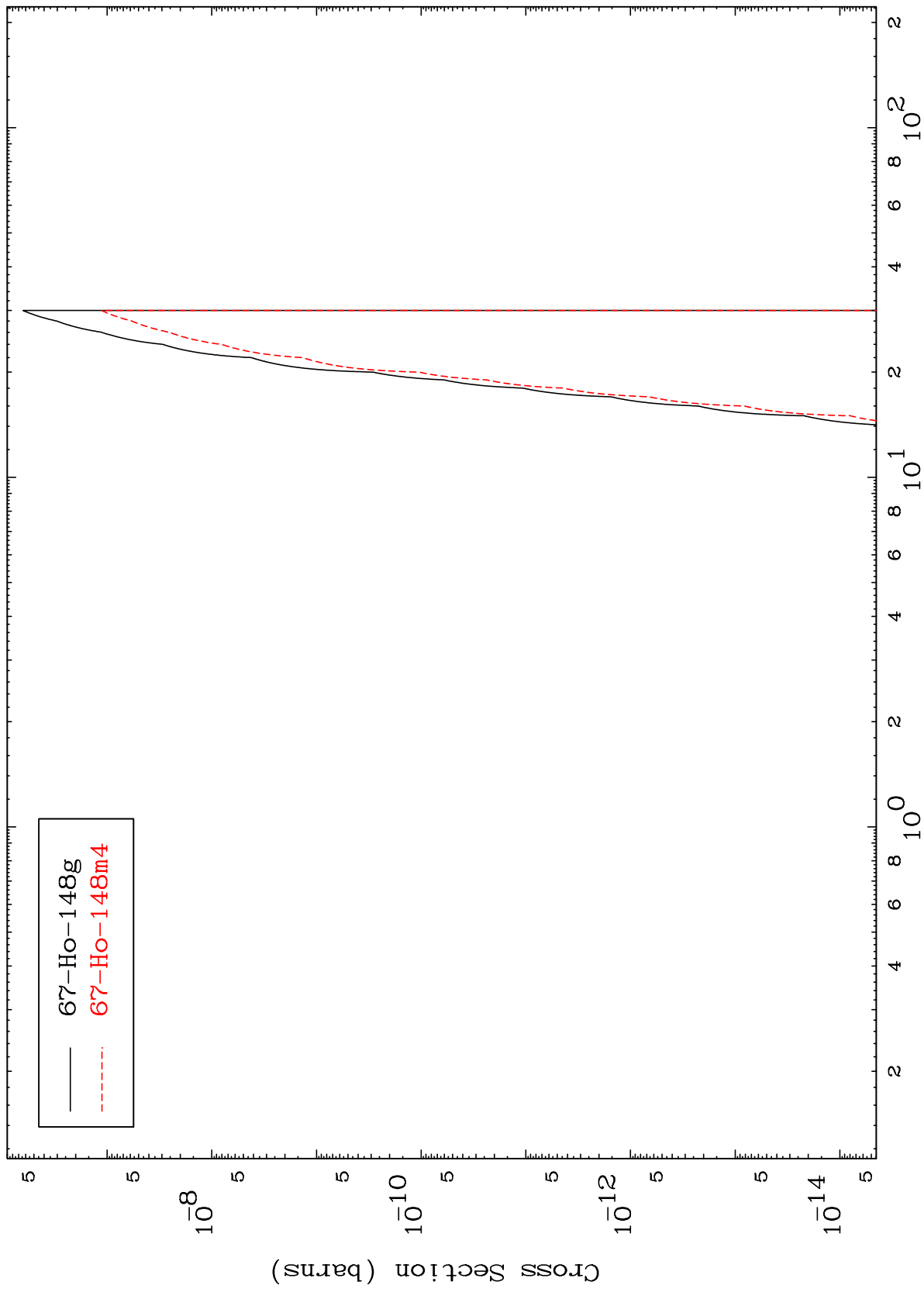
Radionuclide Production Cross Section



MAT 7072

71-Lu-157m

(n, 3α)
Radionuclide Production Cross Section



20

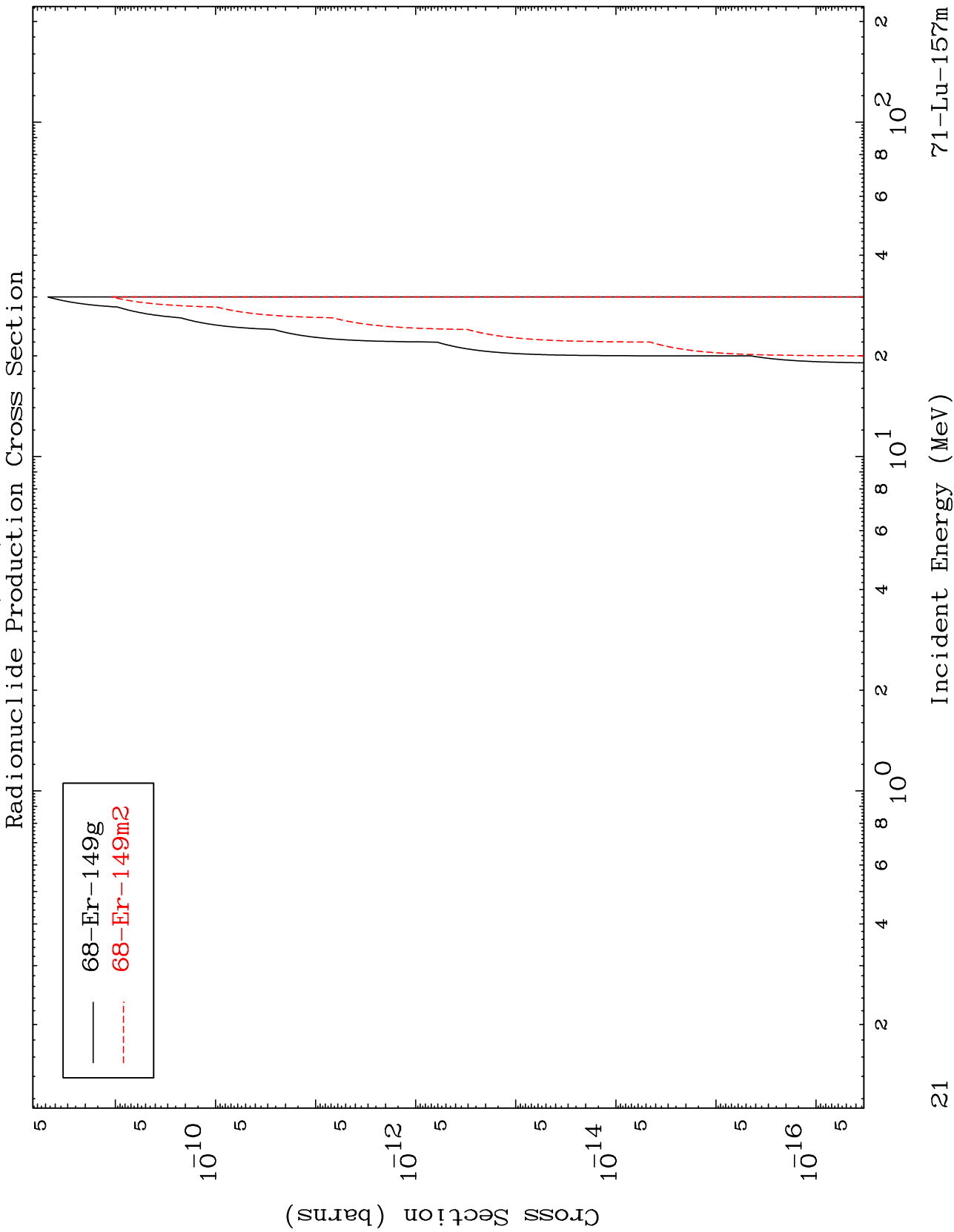
Incident Energy (MeV)

71-Lu-157m

MAT 7072

(n,t) 2 α

71-Lu-157m



MAT 7072

(n,p) d

⁷¹Lu-157m

Radionuclide Production Cross Section

