

Program EVALPLOT
(Version 2021-1)

by

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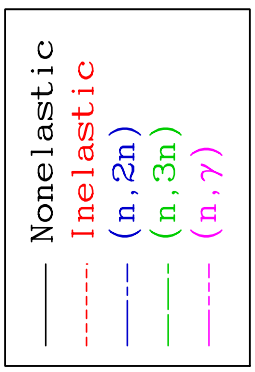
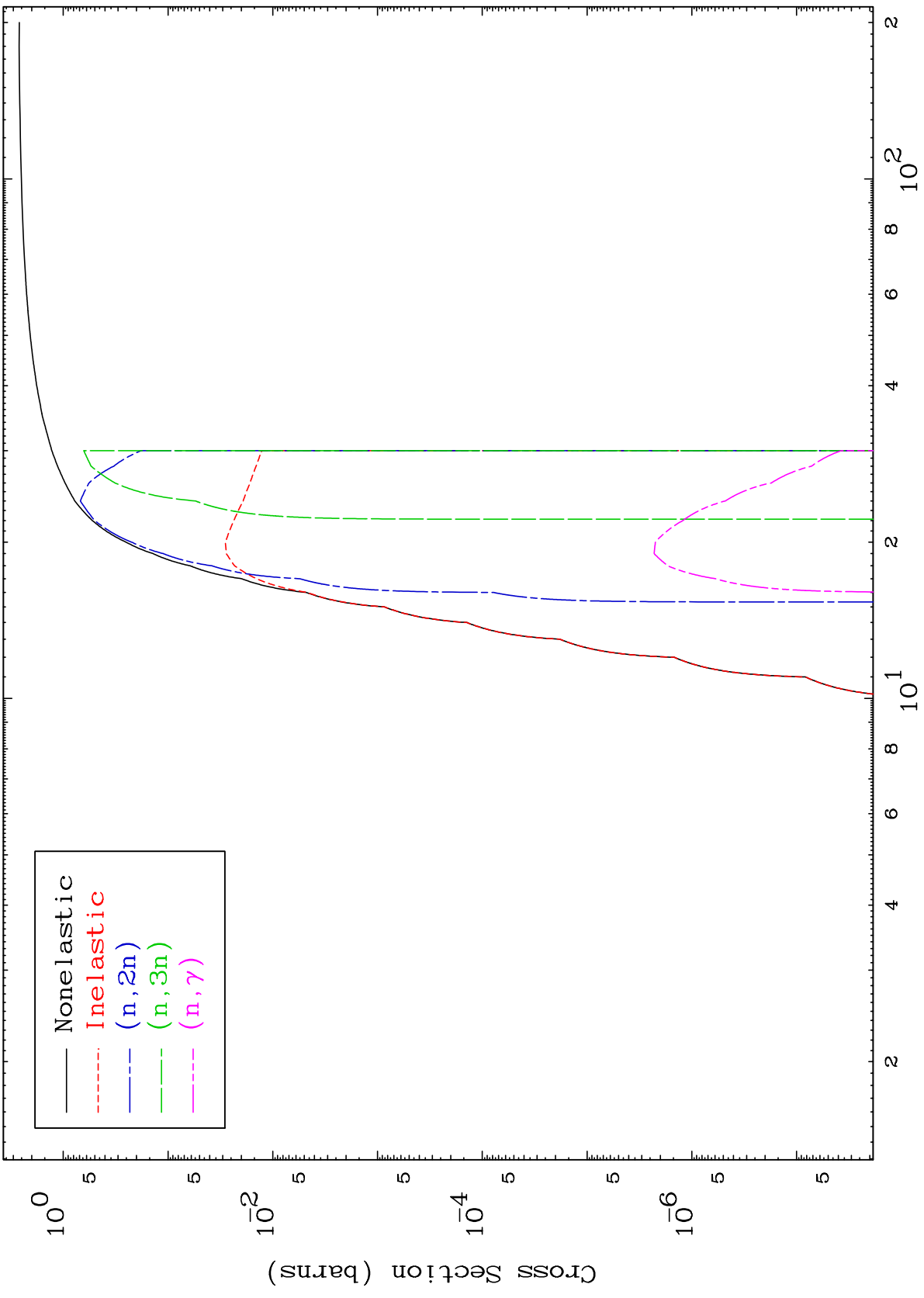
Press Mouse Button to Start

MAT 7135

α Major

71-Lu-178m

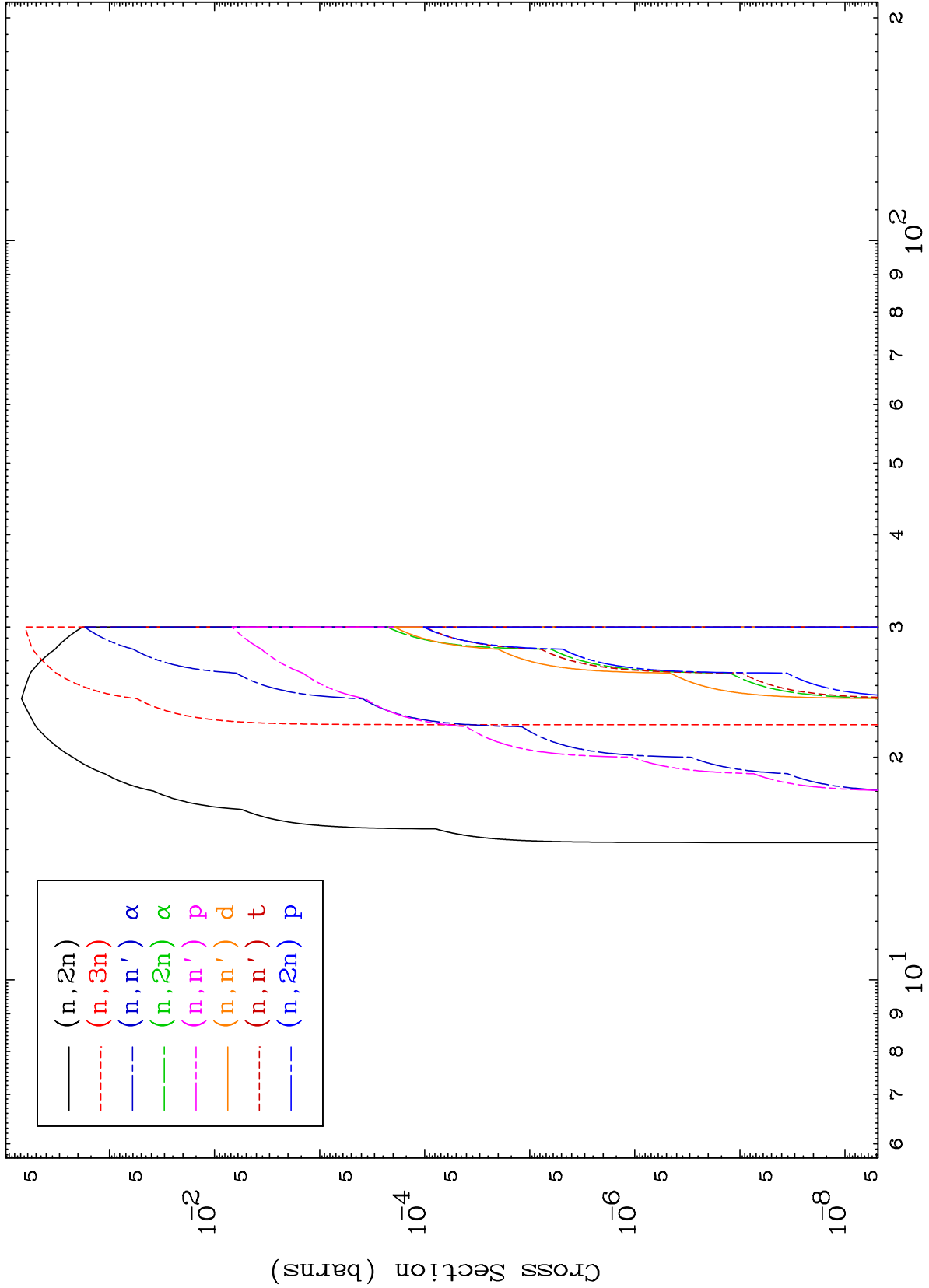
0 Kelvin Cross Sections



MAT 7135

α Neutron Absorption
0 Kelvin Cross Sections

71-Lu-178m



2

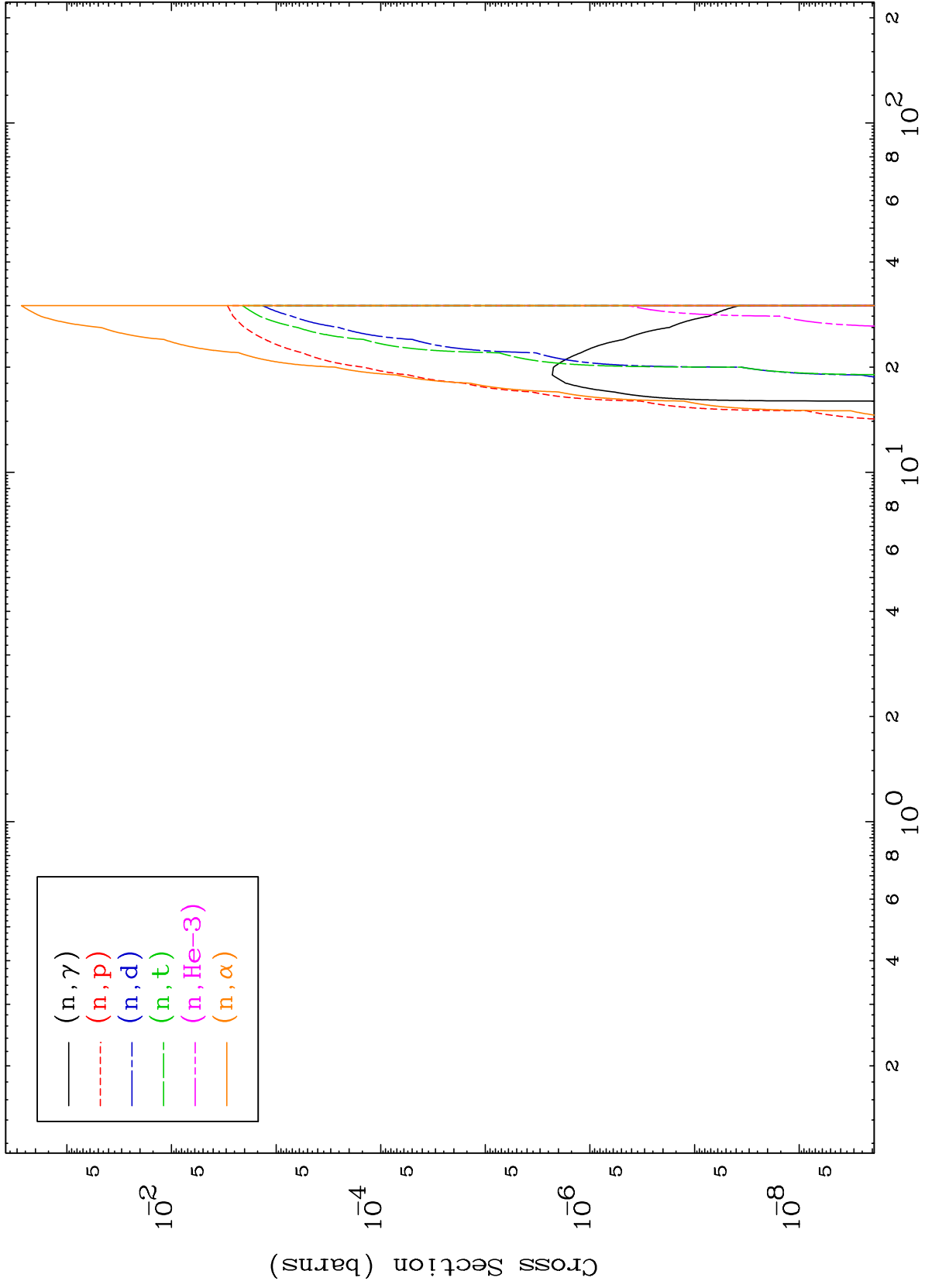
Incident Energy (MeV)

71-Lu-178m

MAT 7135

α Neutron Absorption
0 Kelvin Cross Sections

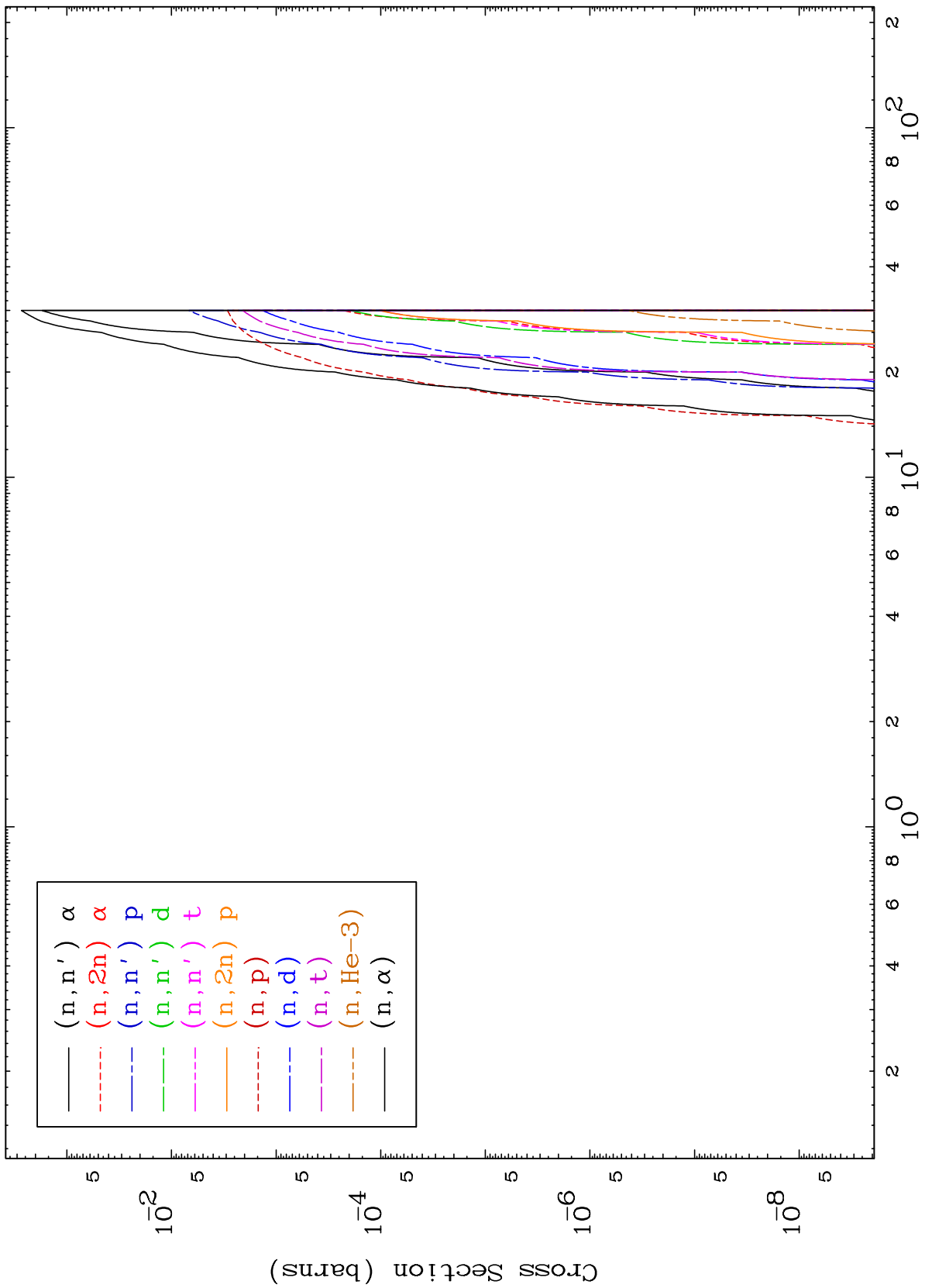
⁷¹Lu-178m



MAT 7135

α Charged Particle
0 Kelvin Cross Sections

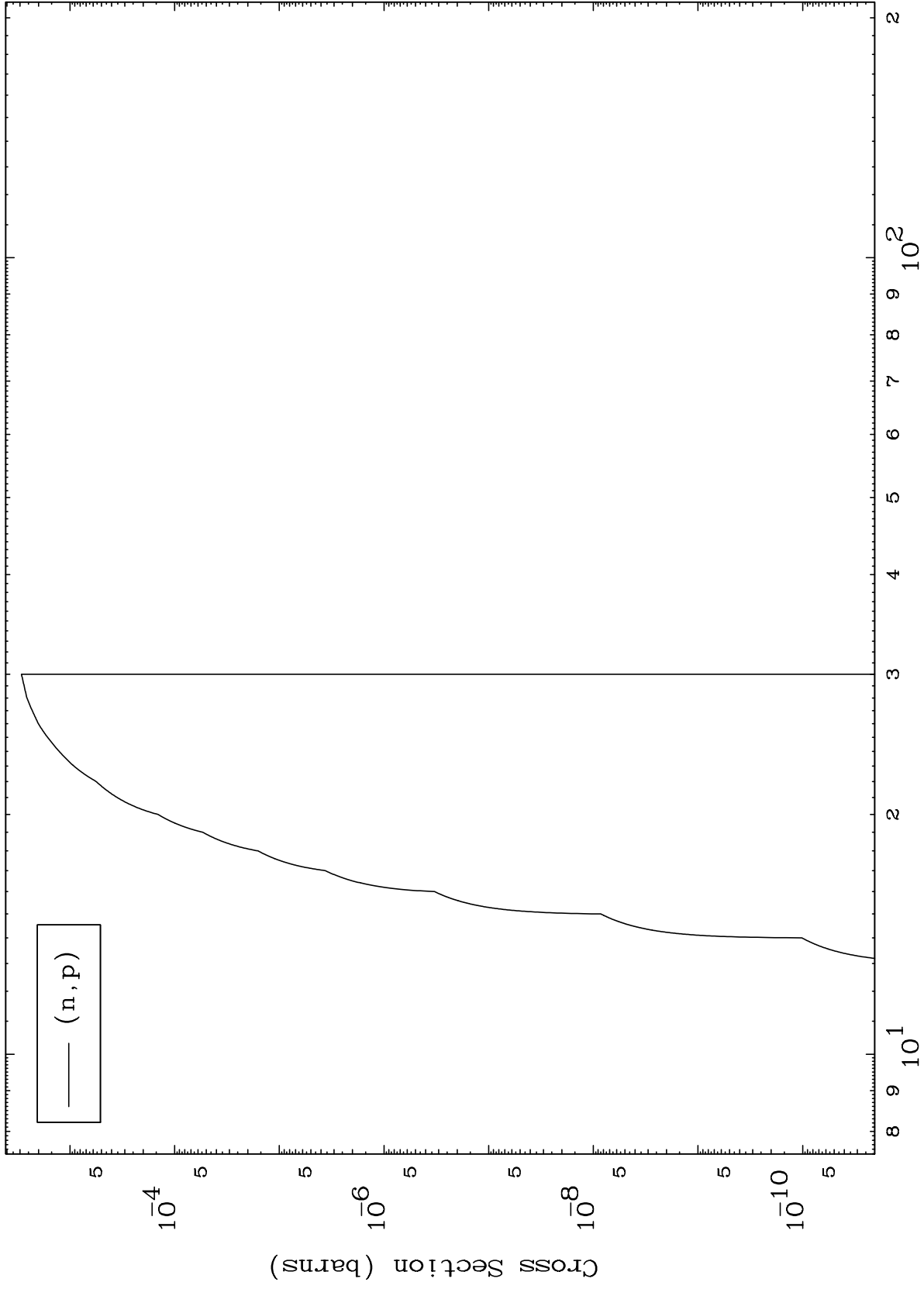
71-Lu-178m



MAT 7135

(α, p) Levels
0 Kelvin Cross Sections

71-Lu-178m



5

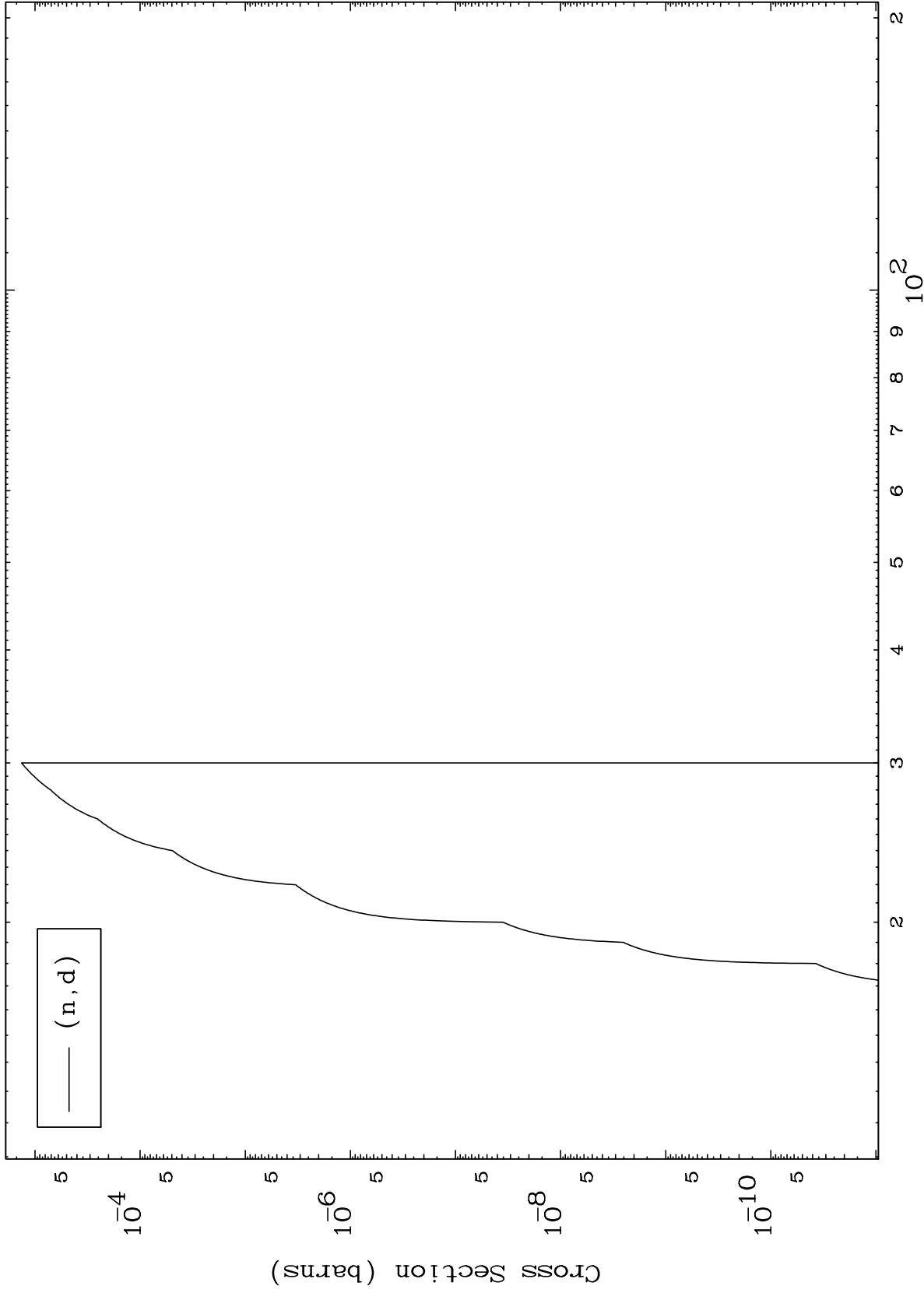
Incident Energy (MeV)

71-Lu-178m

MAT 7135

(α, d) Levels
0 Kelvin Cross Sections

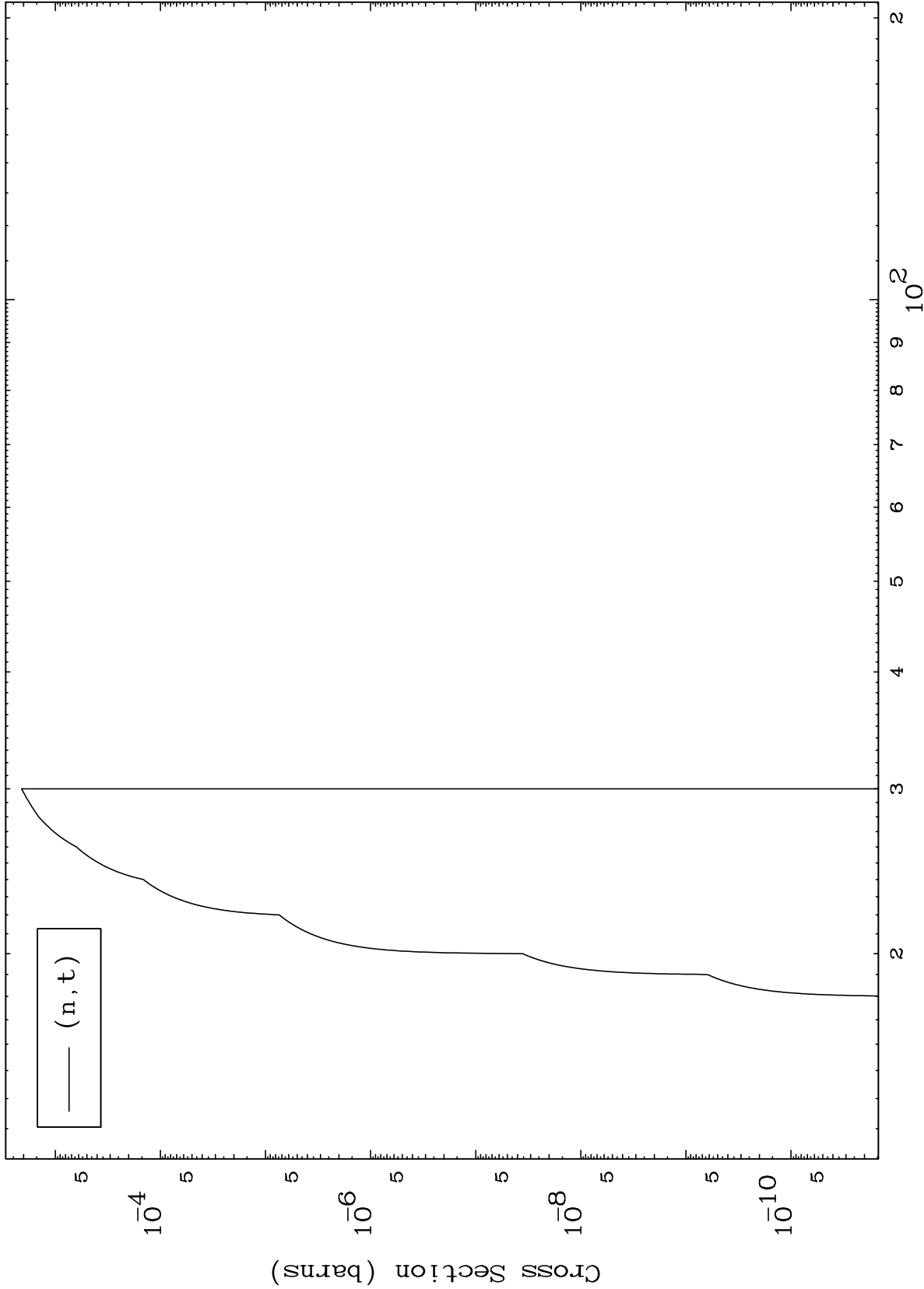
71-Lu-178m



6

Incident Energy (MeV)

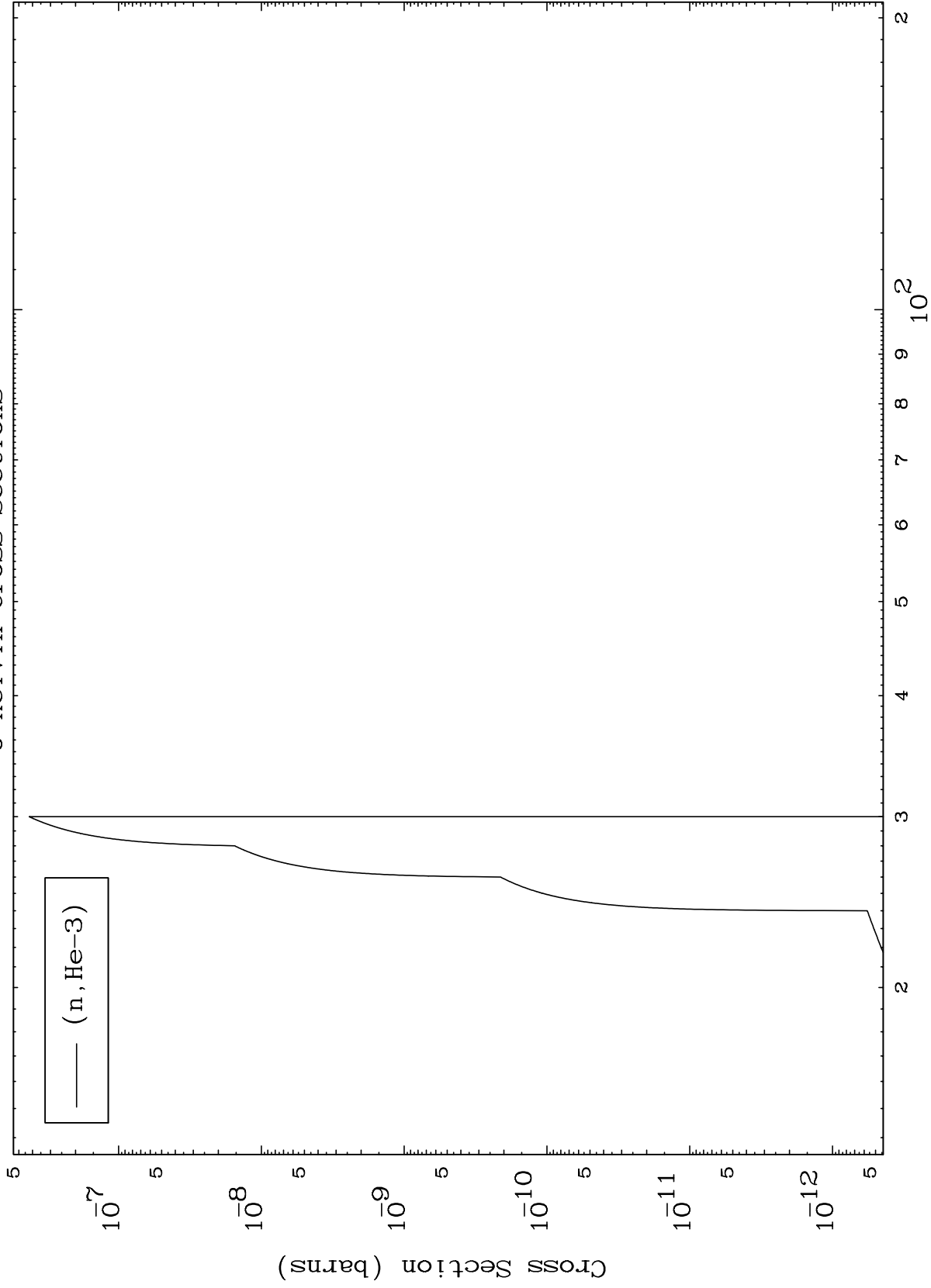
71-Lu-178m



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

71-Lu-178m



8

Incident Energy (MeV)

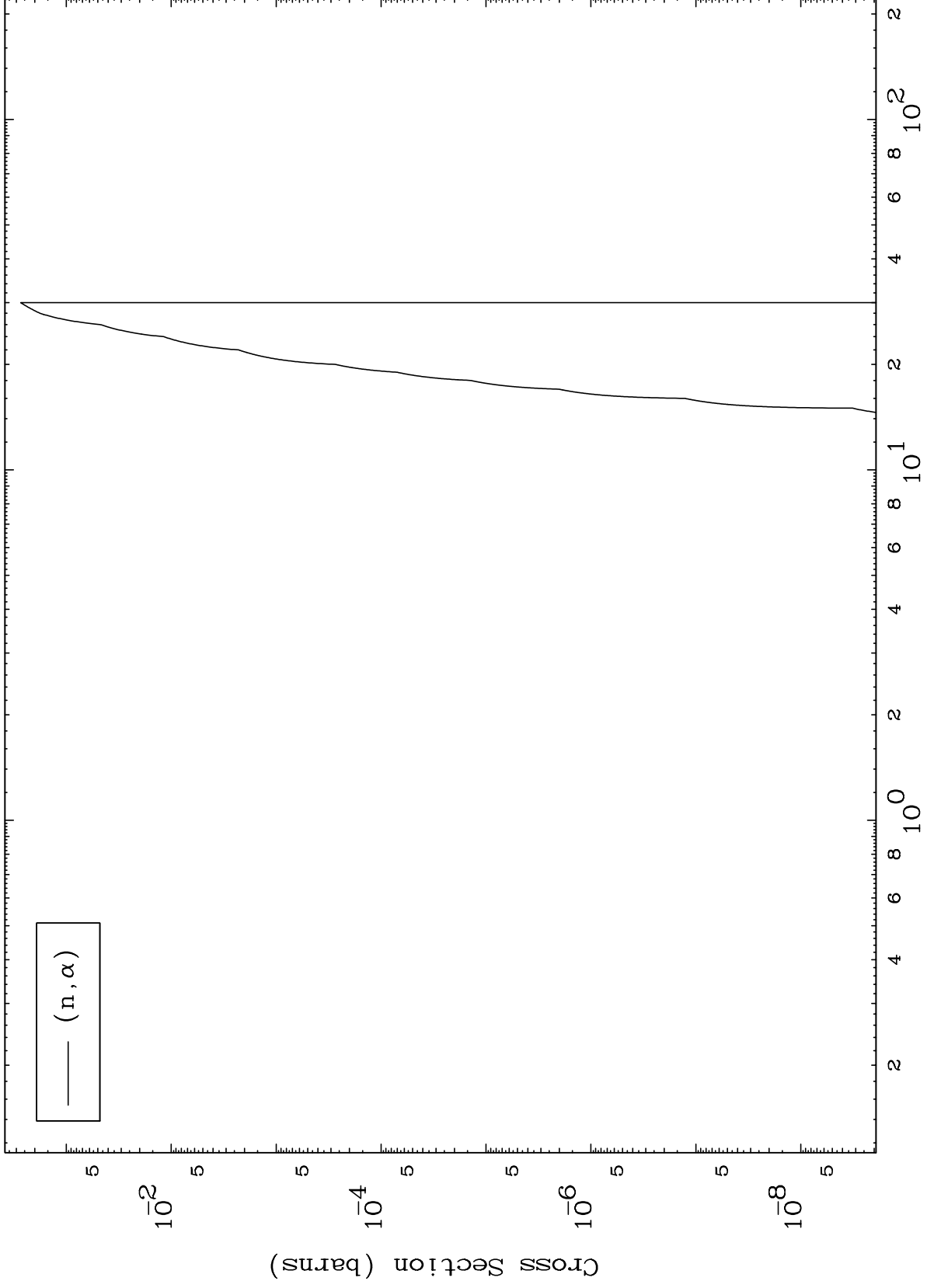
71-Lu-178m

MAT 7135

(α, α) Levels

$^{71}\text{Lu-178m}$

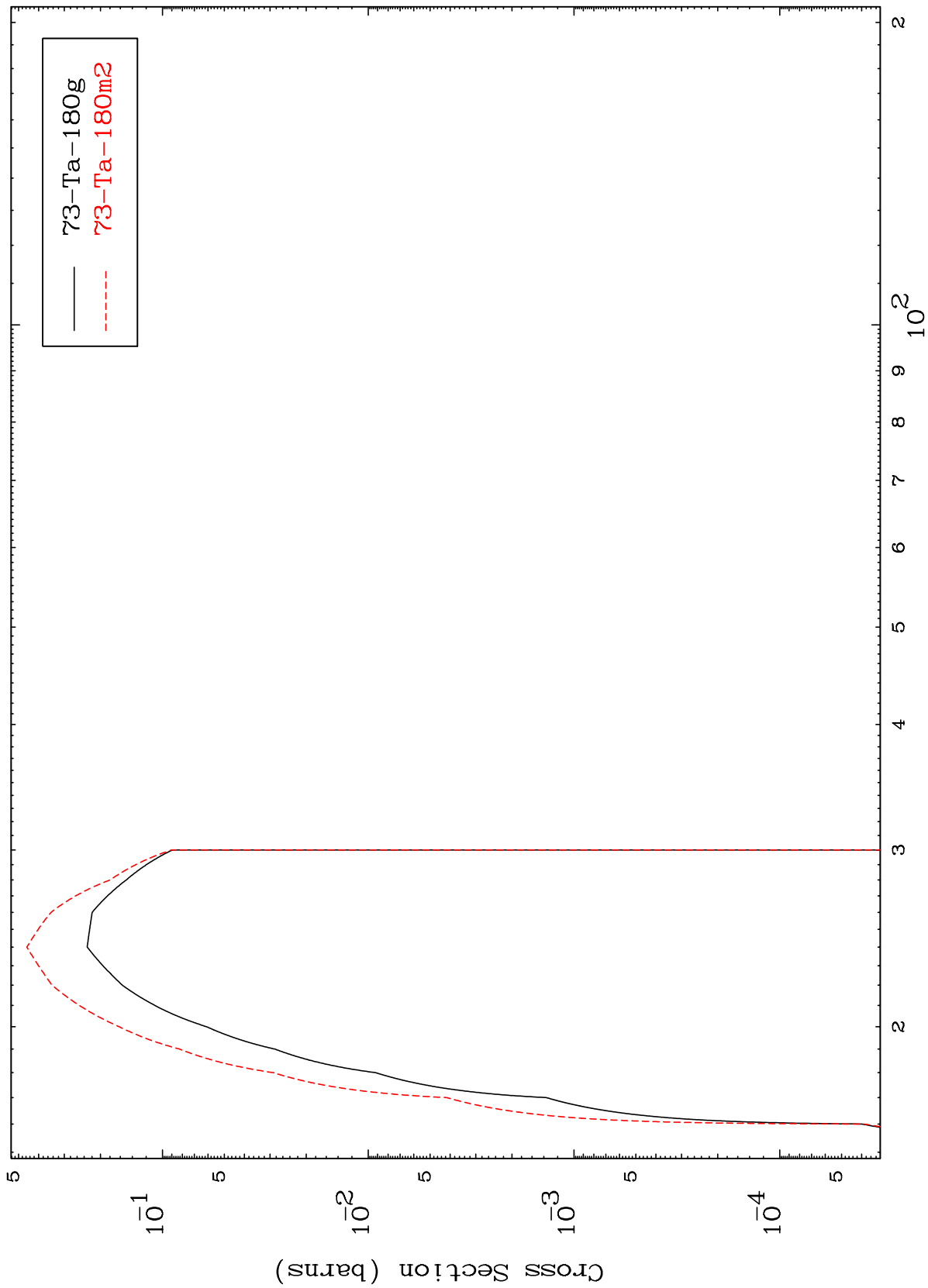
0 Kelvin Cross Sections



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71-Lu-178m

(n,2n)
Radionuclide Production Cross Section



71-Lu-178m

Incident Energy (MeV)

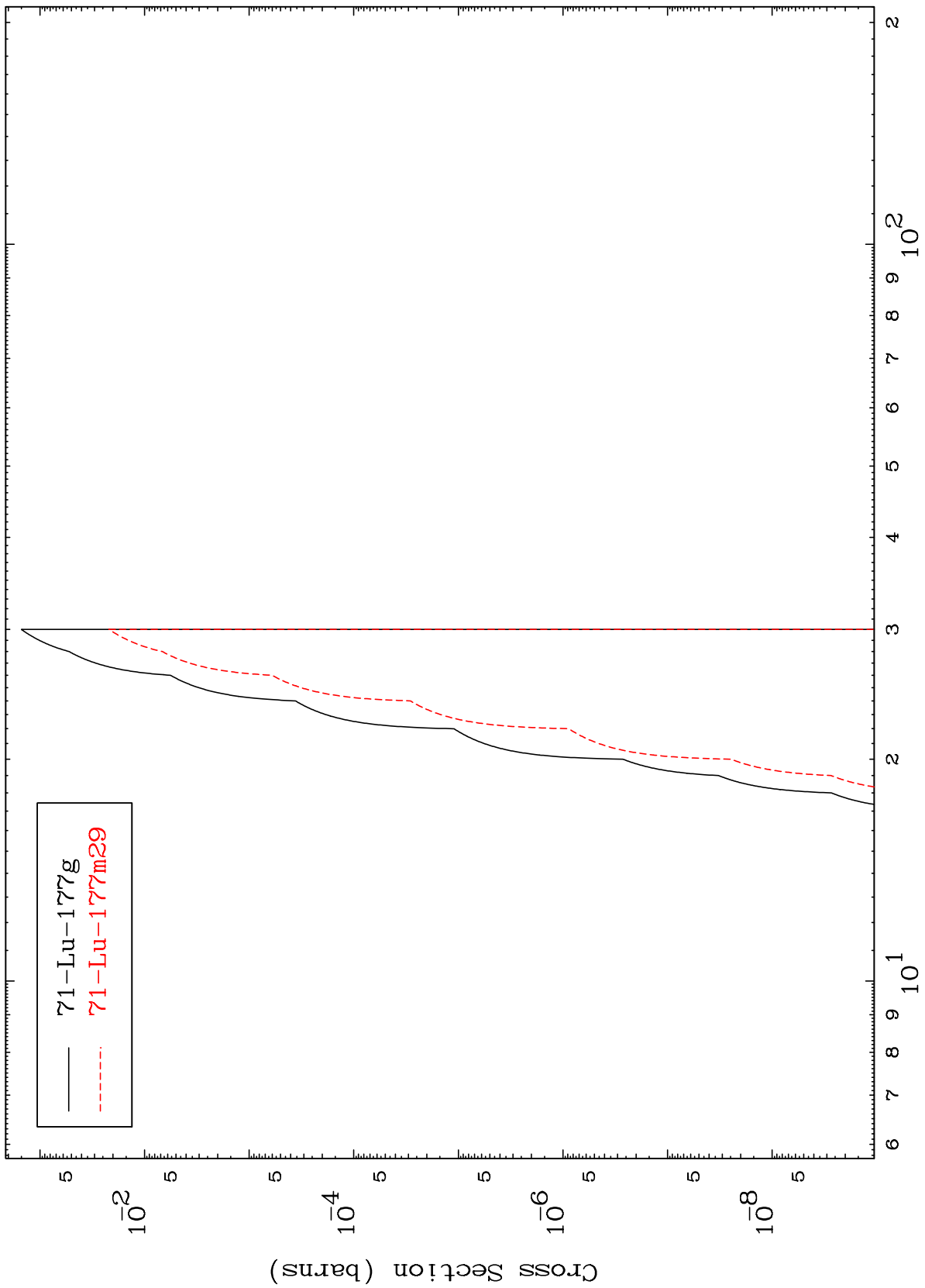
10

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$(n, n') \alpha$

$^{71}\text{Lu-178m}$

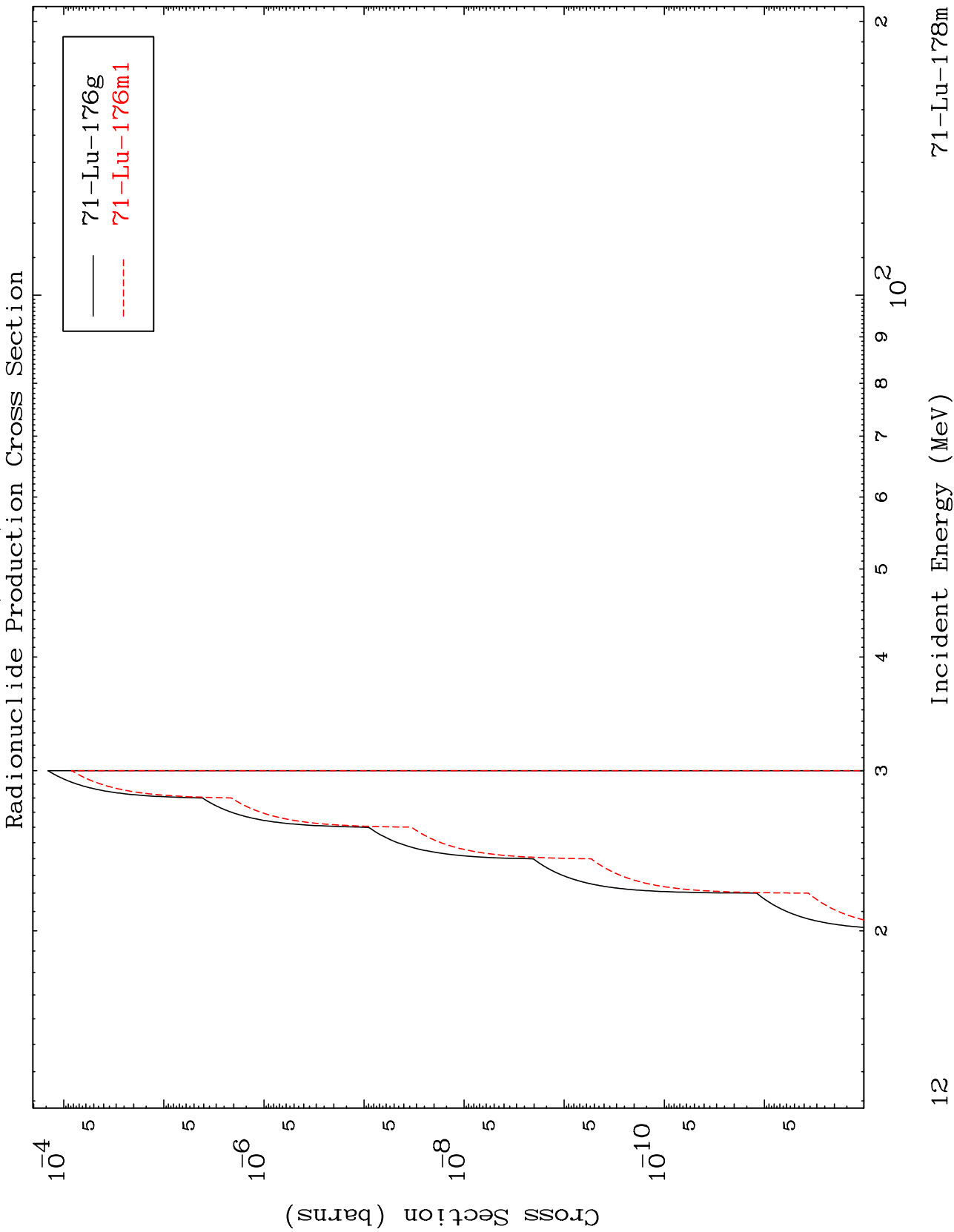
Radionuclide Production Cross Section



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(n,2n) α

⁷¹Lu-178m

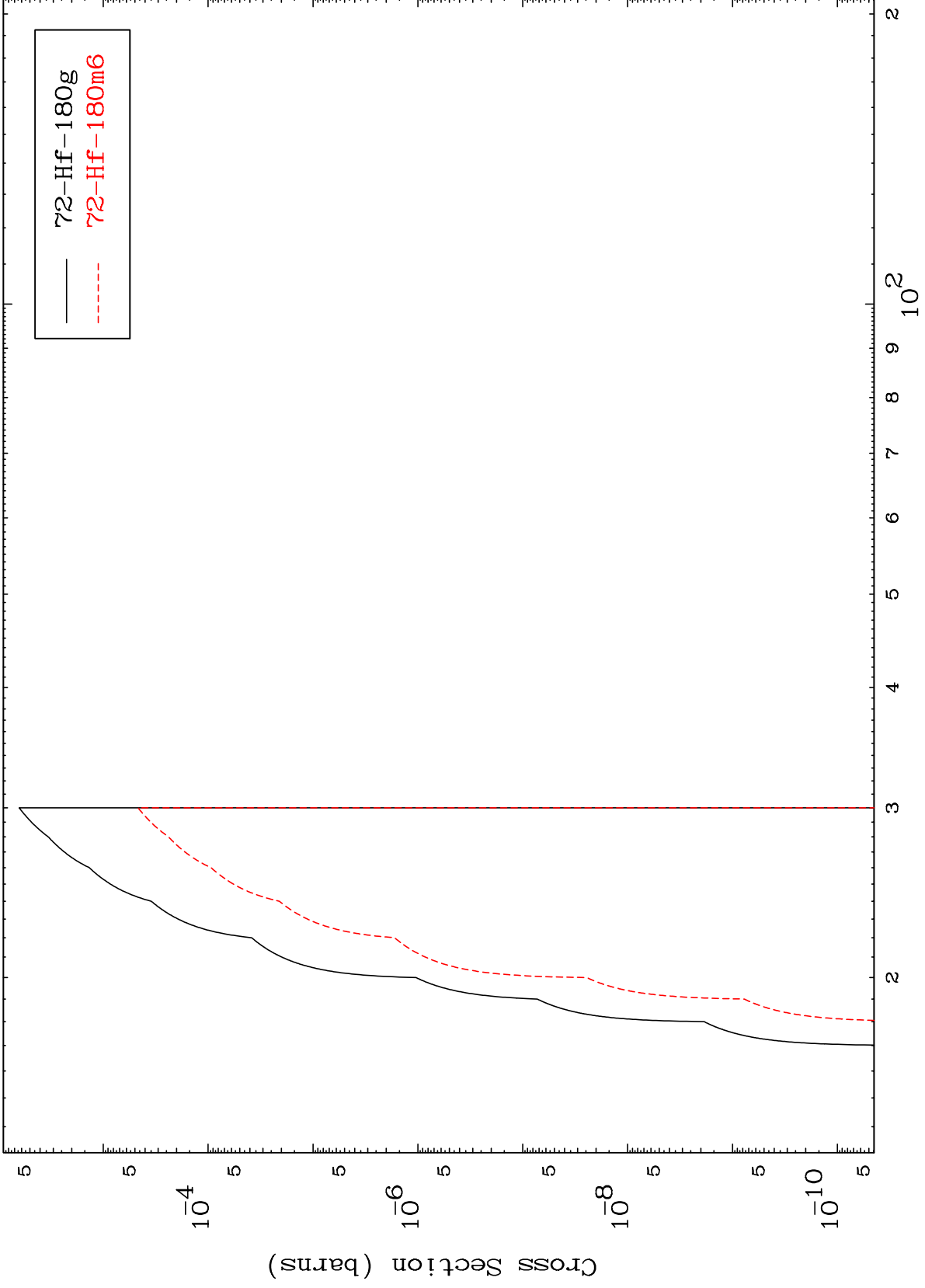


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(n,n') p

71-Lu-178m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

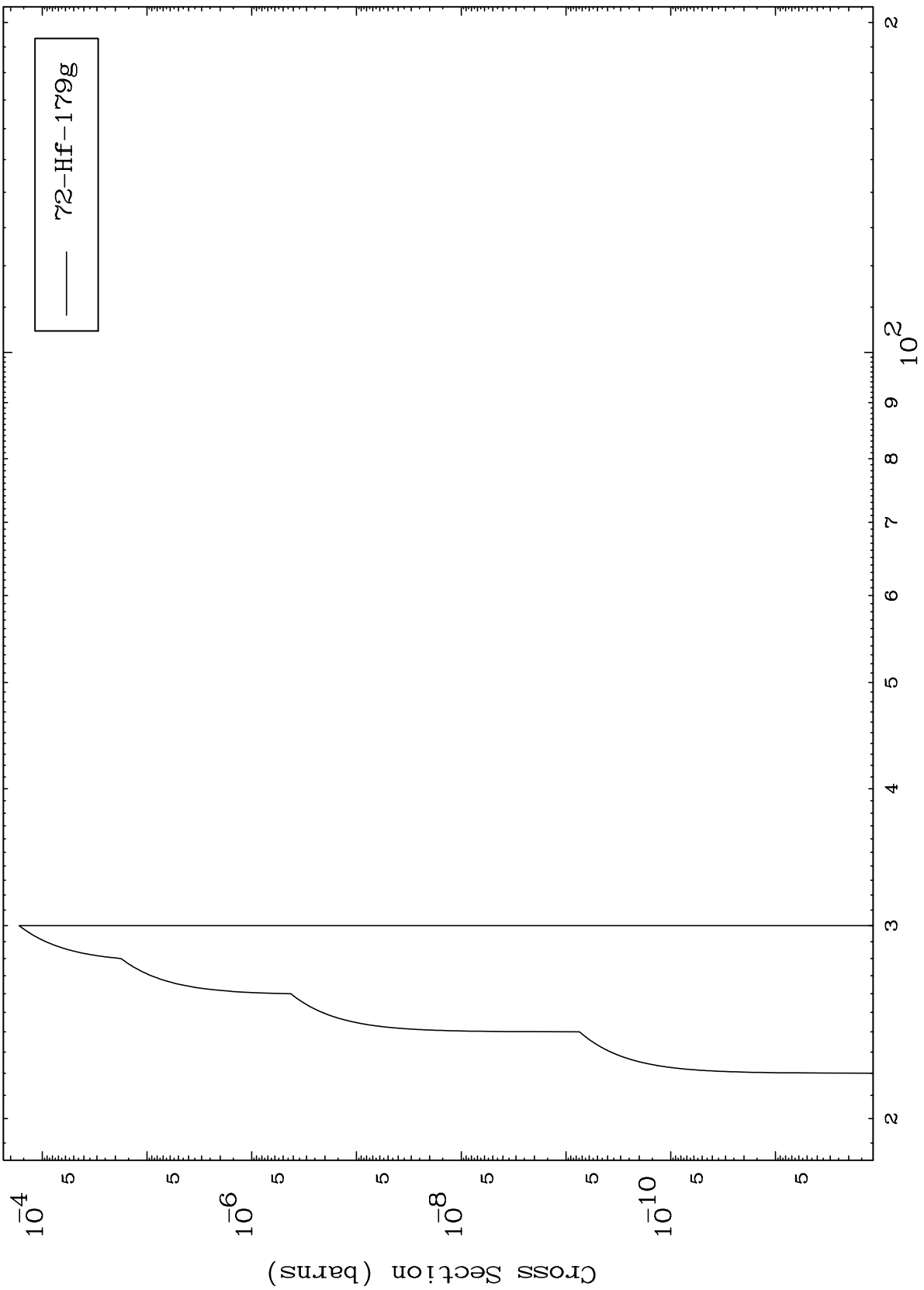
71-Lu-178m

MAT 7135

(n,n') d

71-Lu-178m

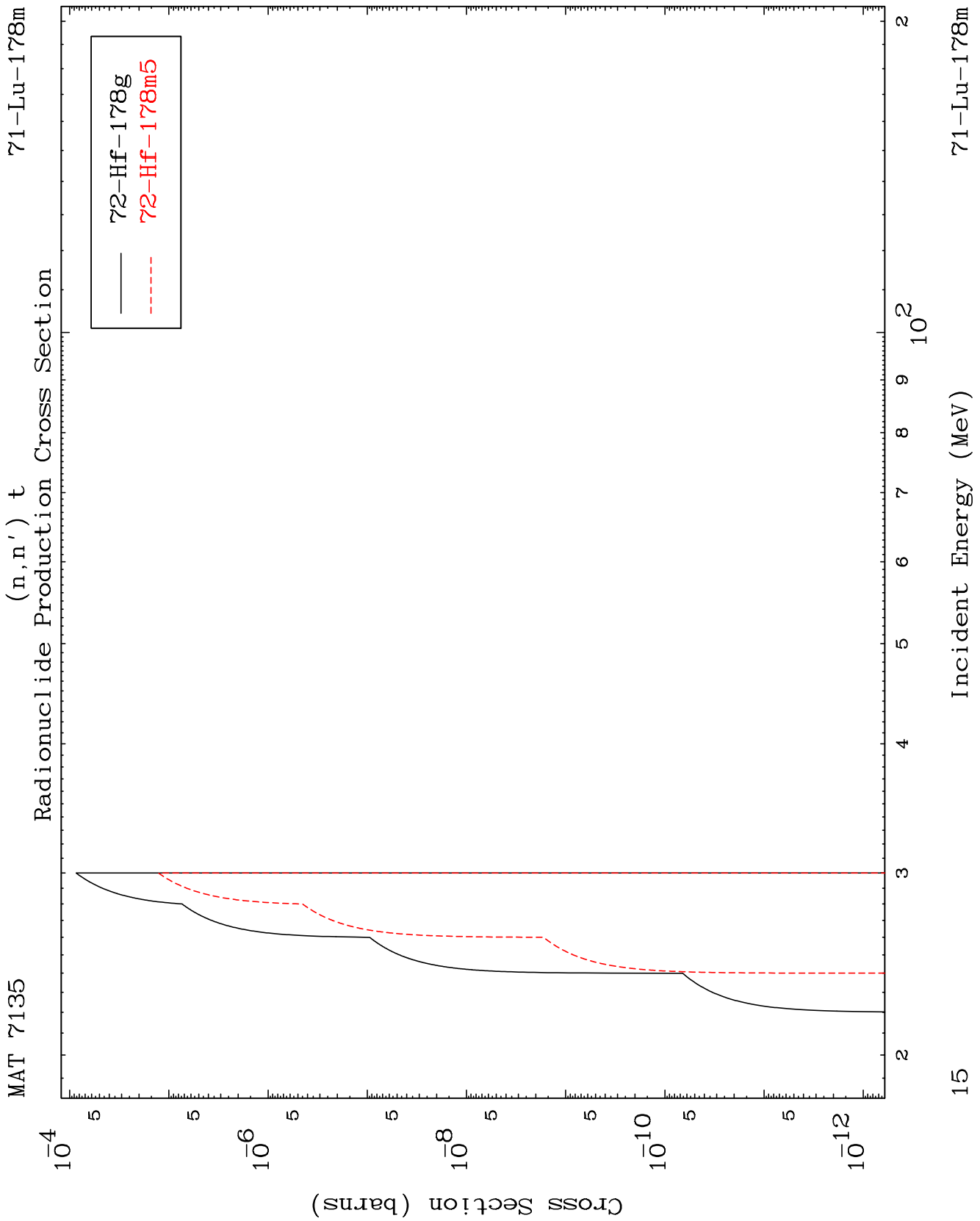
Radionuclide Production Cross Section



14

Incident Energy (MeV)

71-Lu-178m

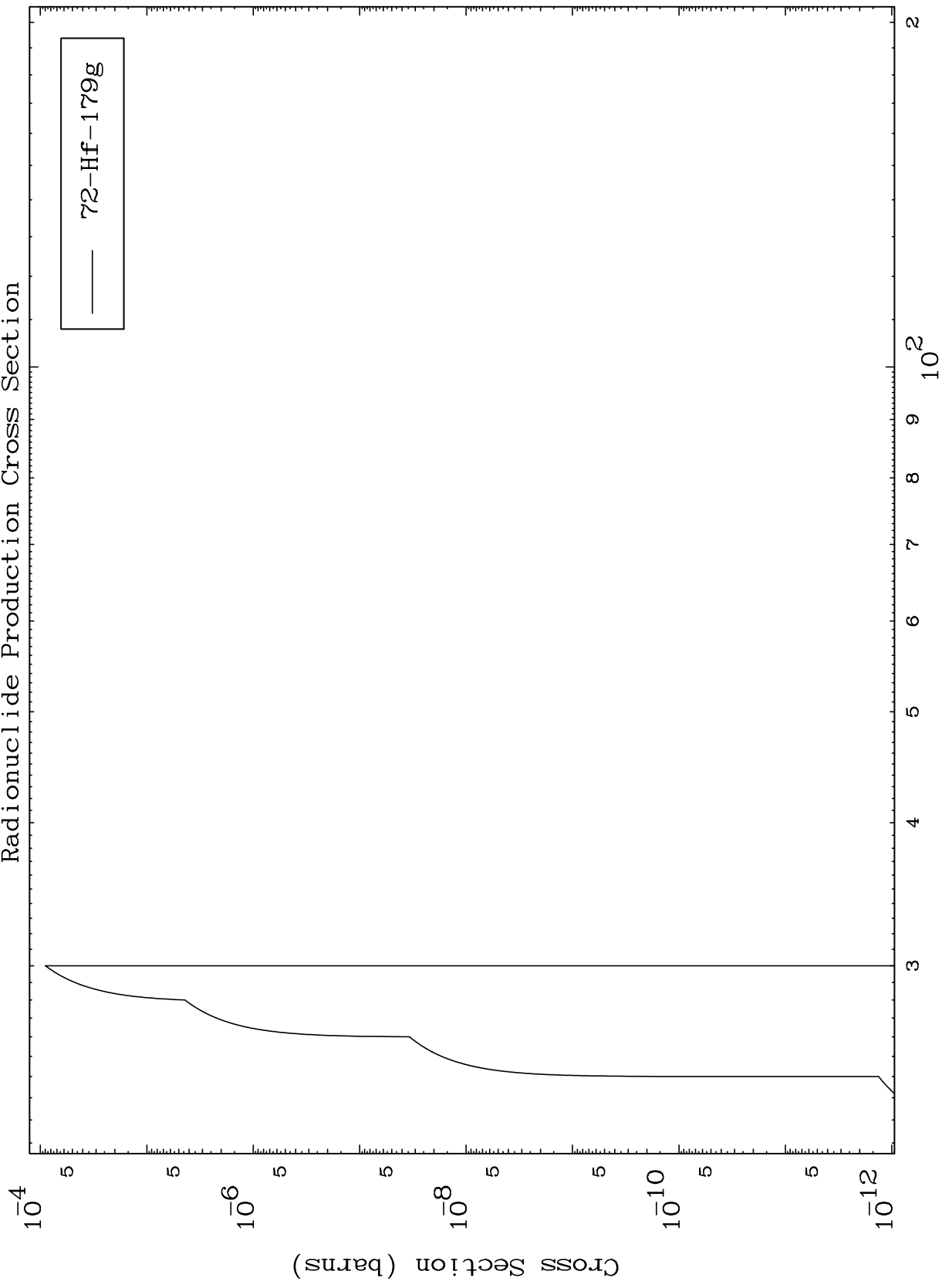


MAT 7135

(n,2n) p

71-Lu-178m

Radionuclide Production Cross Section



16

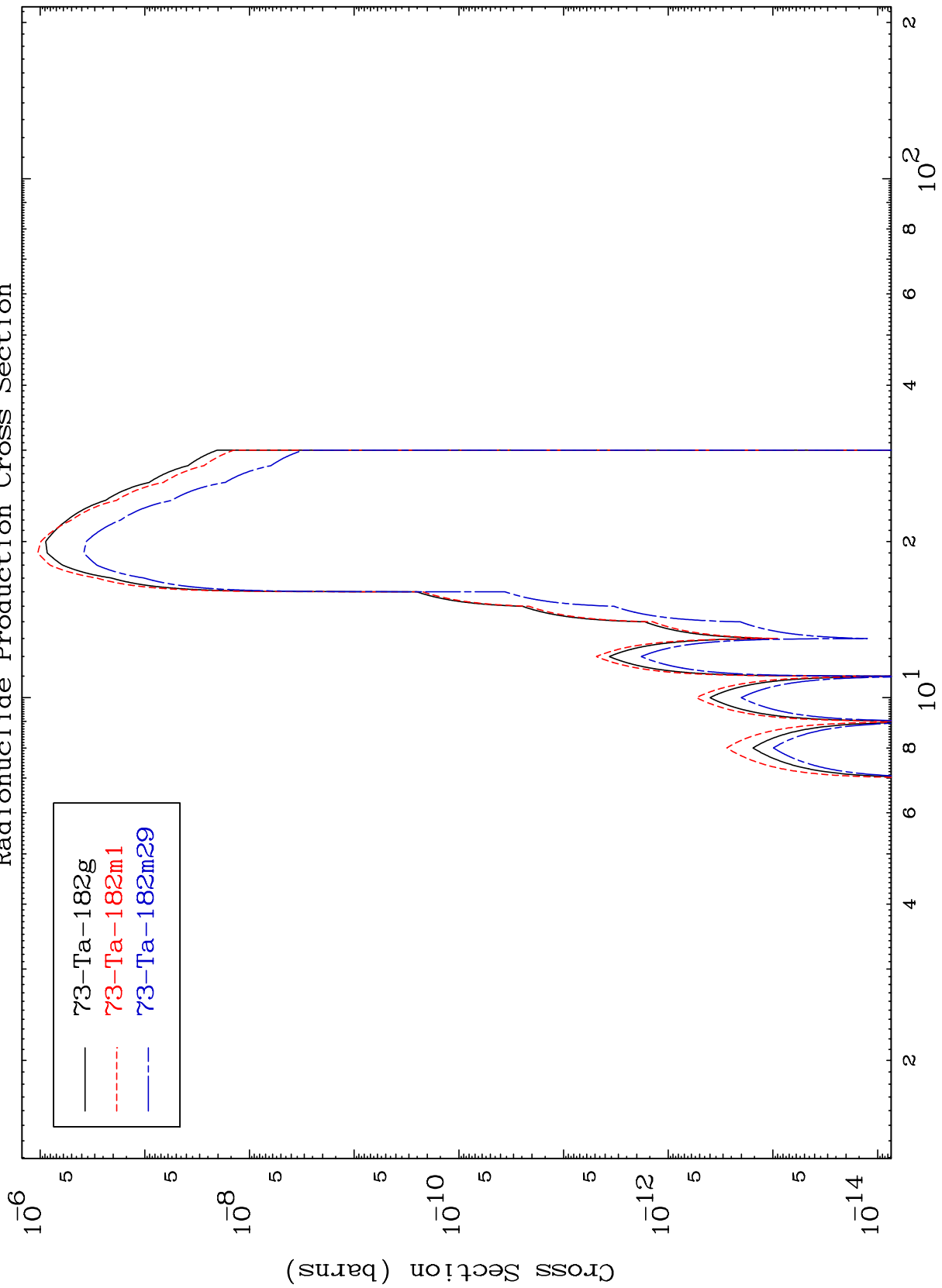
Incident Energy (MeV)

71-Lu-178m

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71-Lu-178m

Radionuclide Production Cross Section (n, γ)



Incident Energy (MeV)

71-Lu-178m

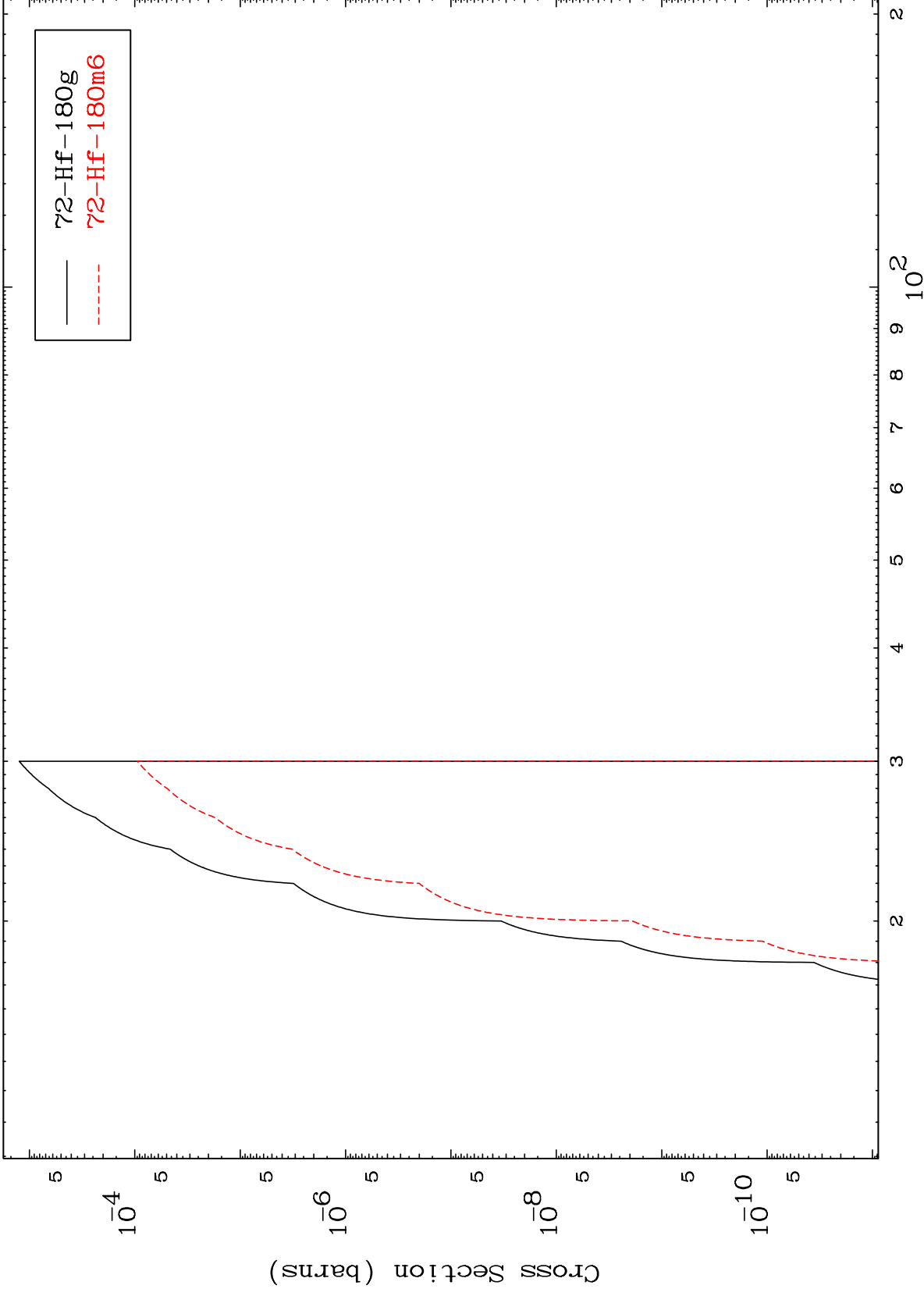
17

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(n,d)

71-Lu-178m

Radionuclide Production Cross Section



18

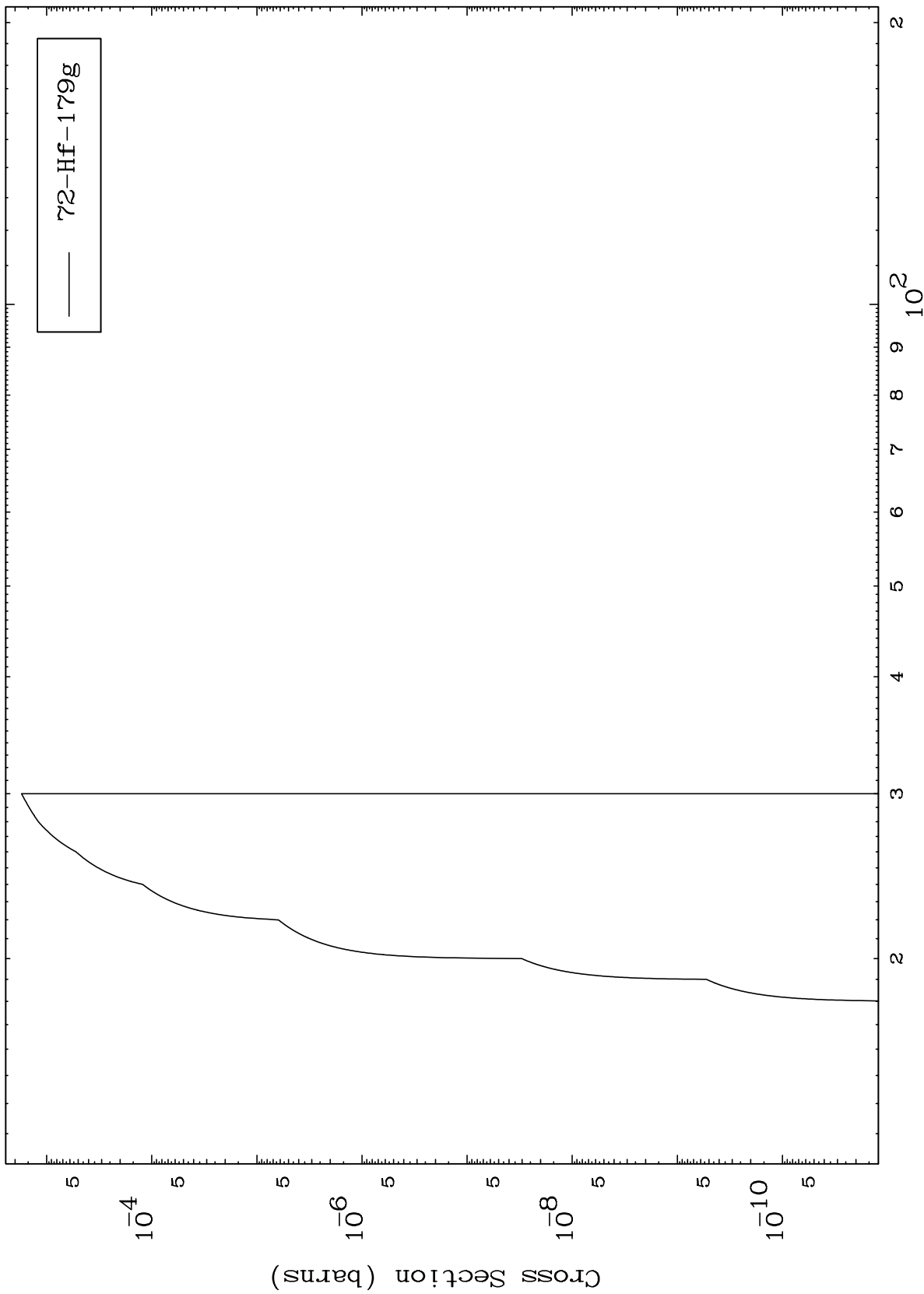
Incident Energy (MeV)

71-Lu-178m

MAT 7135

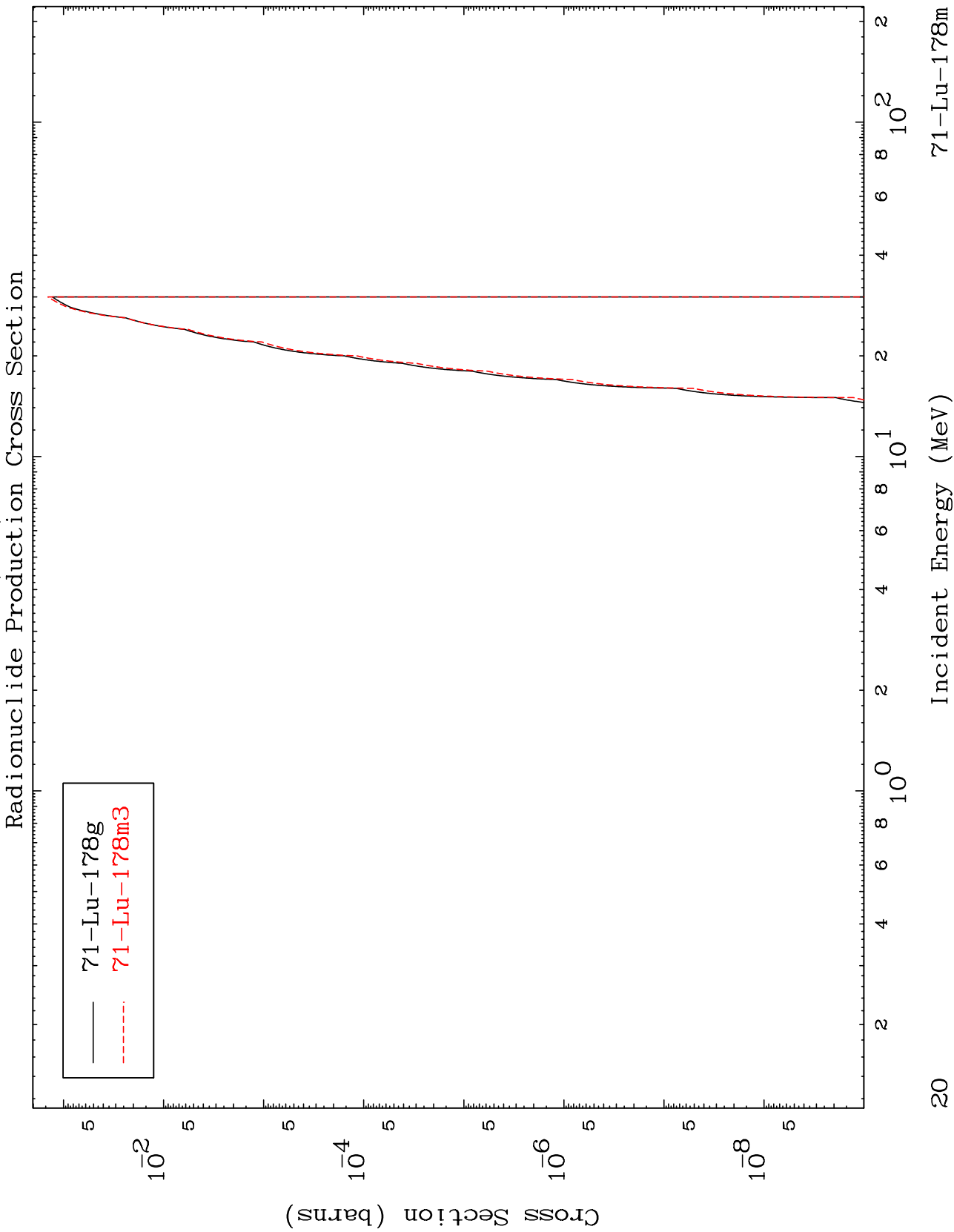
71-Lu-178m

(n,t)
Radionuclide Production Cross Section



MAT 7135

71-Lu-178m



MAT 7135

(n,p) α

⁷¹Lu-178m

Radionuclide Production Cross Section

