

Program EVALPLOT
(Version 2021-1)

by

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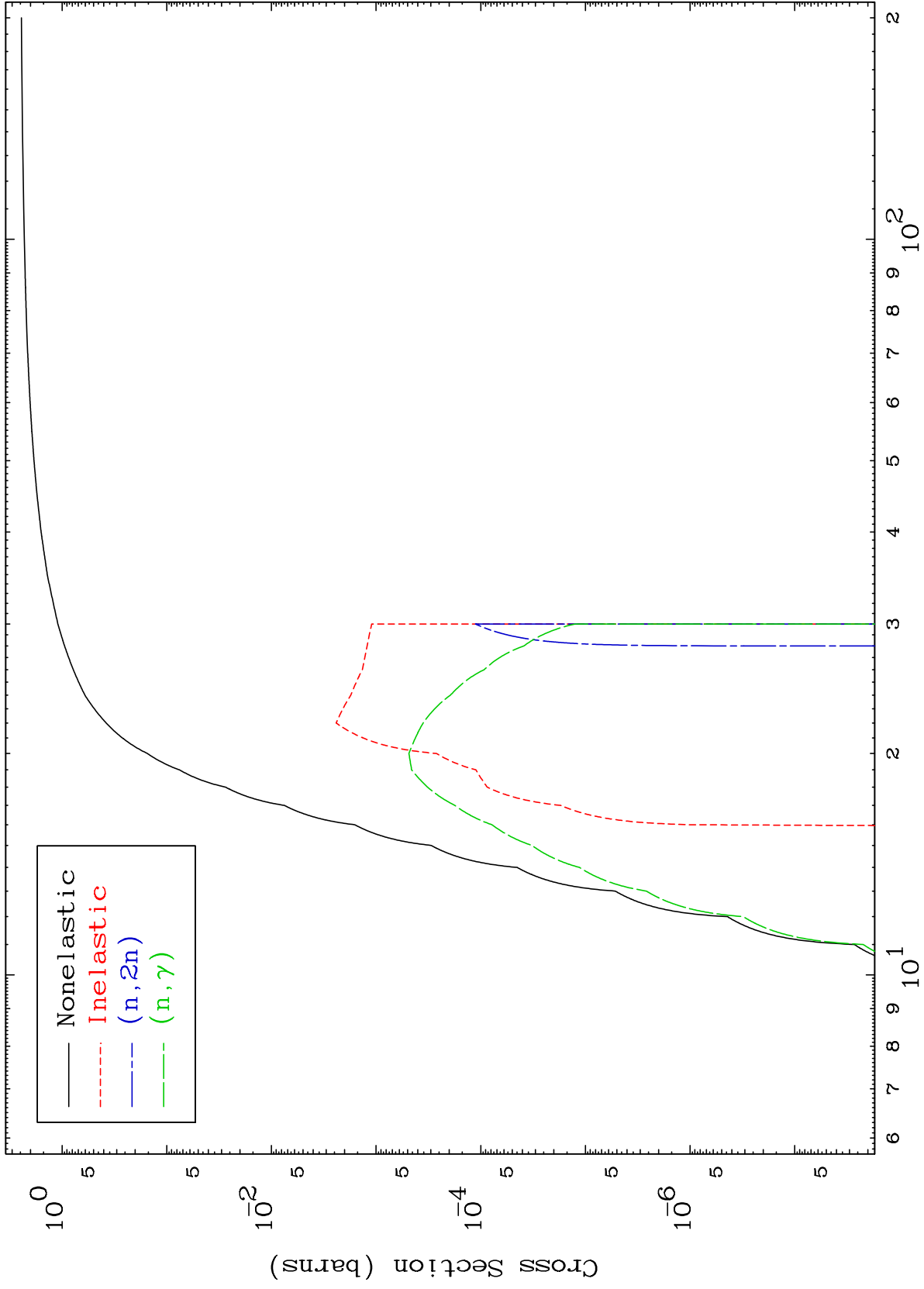
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7063

0 Kelvin Cross Sections

71-Lu-154m



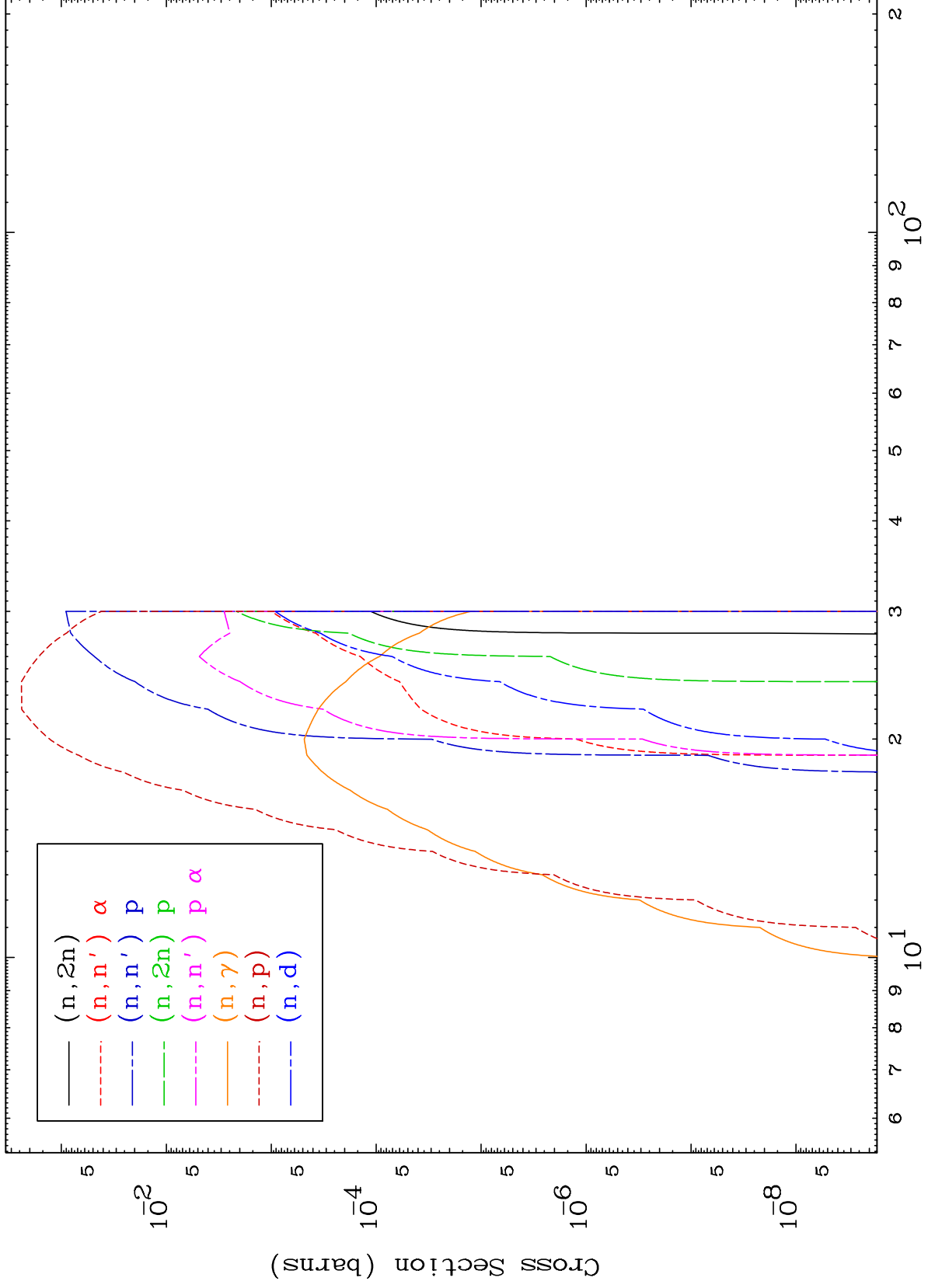
71-Lu-154m

Incident Energy (MeV)

MAT 7063

α Neutron Absorption
0 Kelvin Cross Sections

⁷¹Lu-154m



2

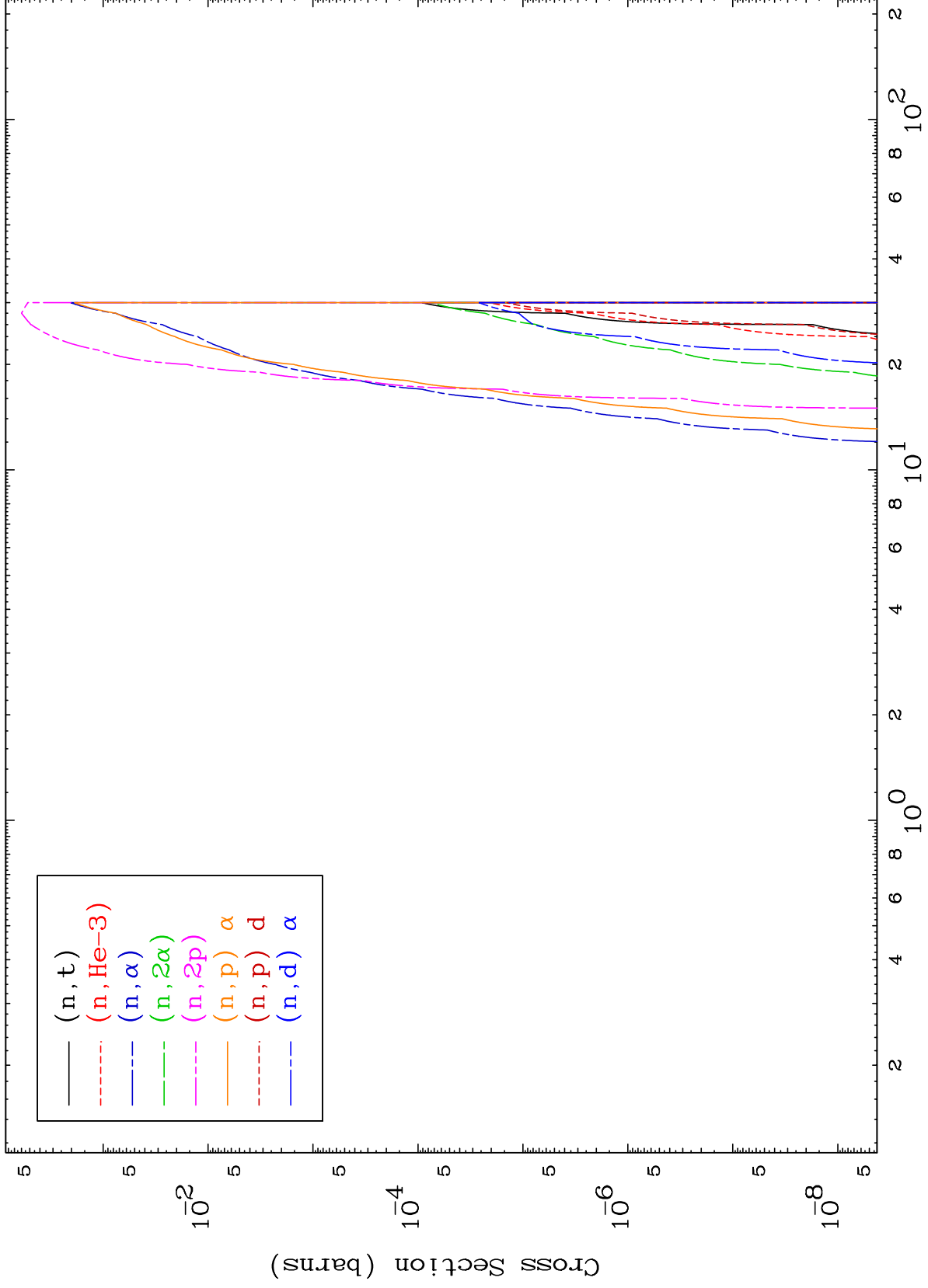
Incident Energy (MeV)

⁷¹Lu-154m

MAT 7063

α Neutron Absorption
0 Kelvin Cross Sections

⁷¹Lu-154m

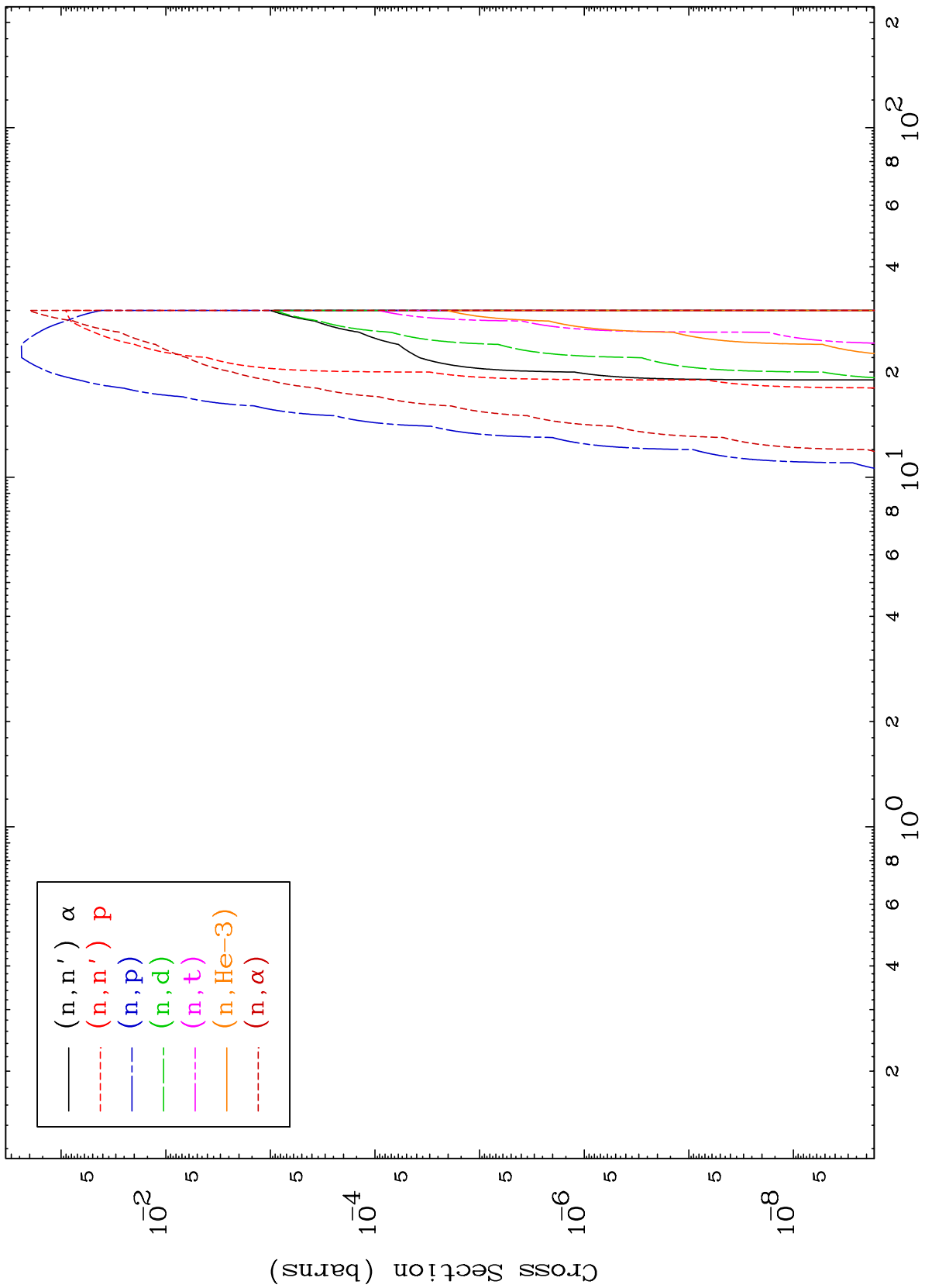


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α Charged Particle

⁷¹Lu-154m

0 Kelvin Cross Sections



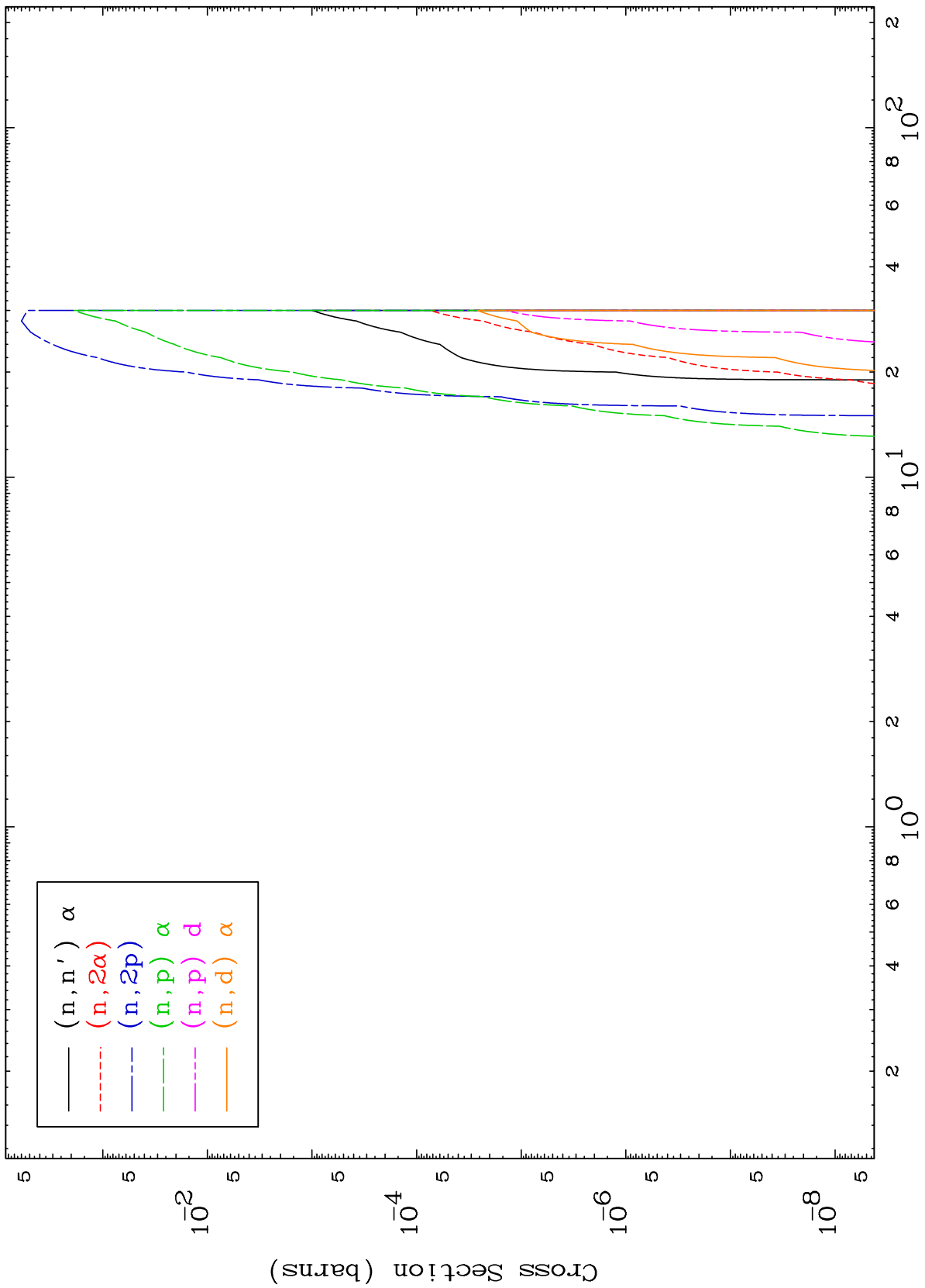
⁷¹Lu-154m

Incident Energy (MeV)

MAT 7063

α Charged Particle
0 Kelvin Cross Sections

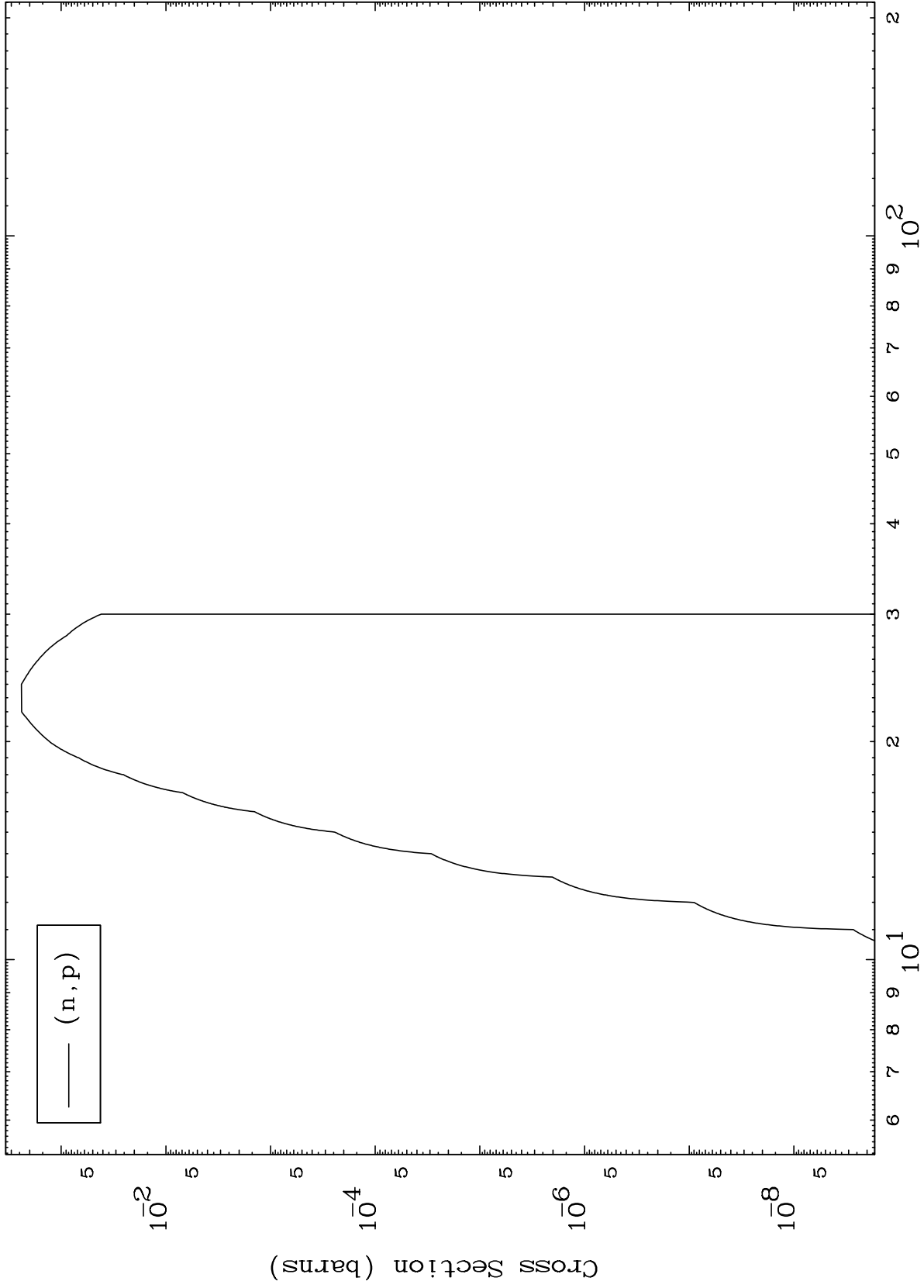
⁷¹Lu-154m



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(α, p) Levels
0 Kelvin Cross Sections

71-Lu-154m



6

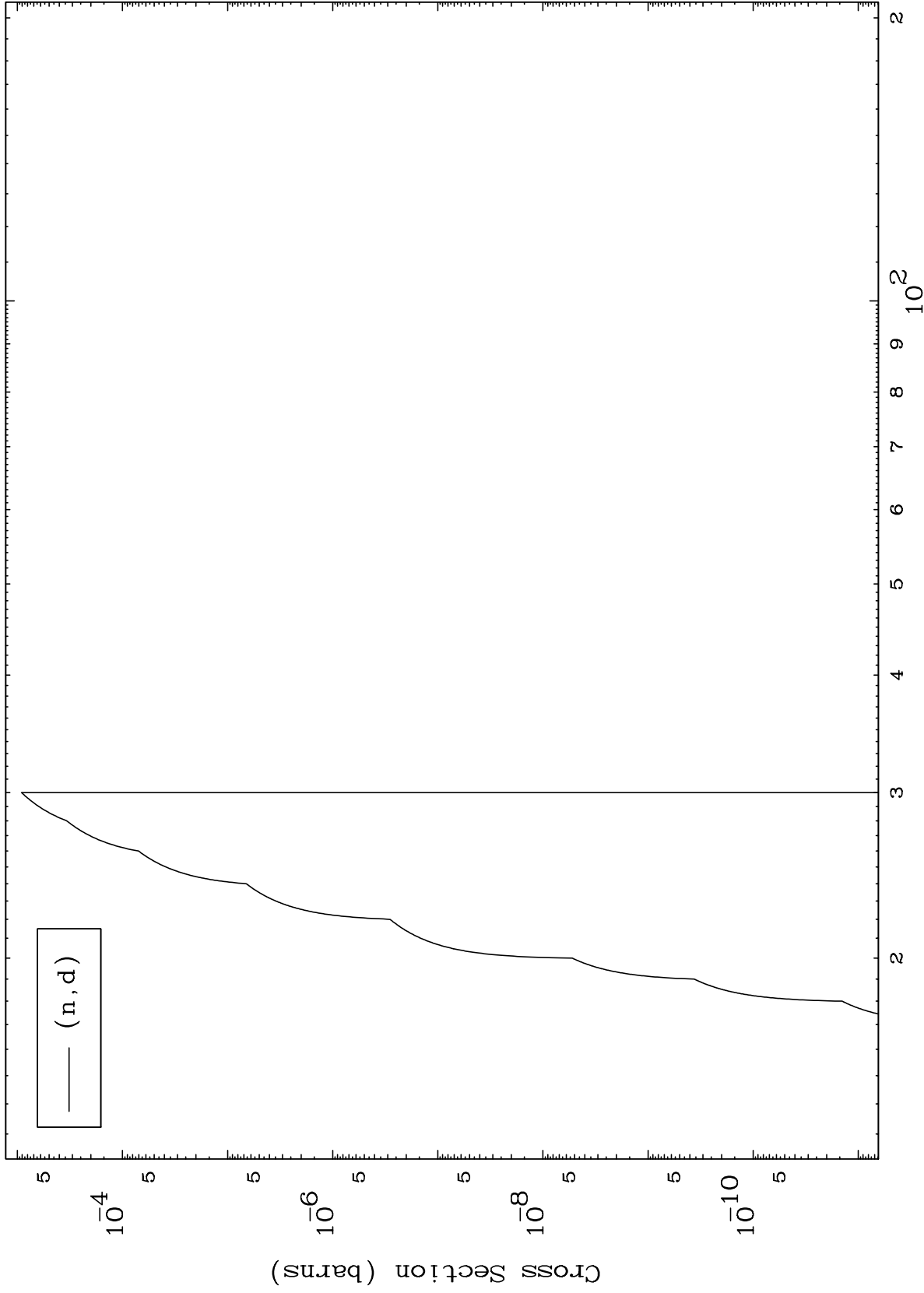
Incident Energy (MeV)

71-Lu-154m

MAT 7063

(α, d) Levels
0 Kelvin Cross Sections

⁷¹Lu-154m



7

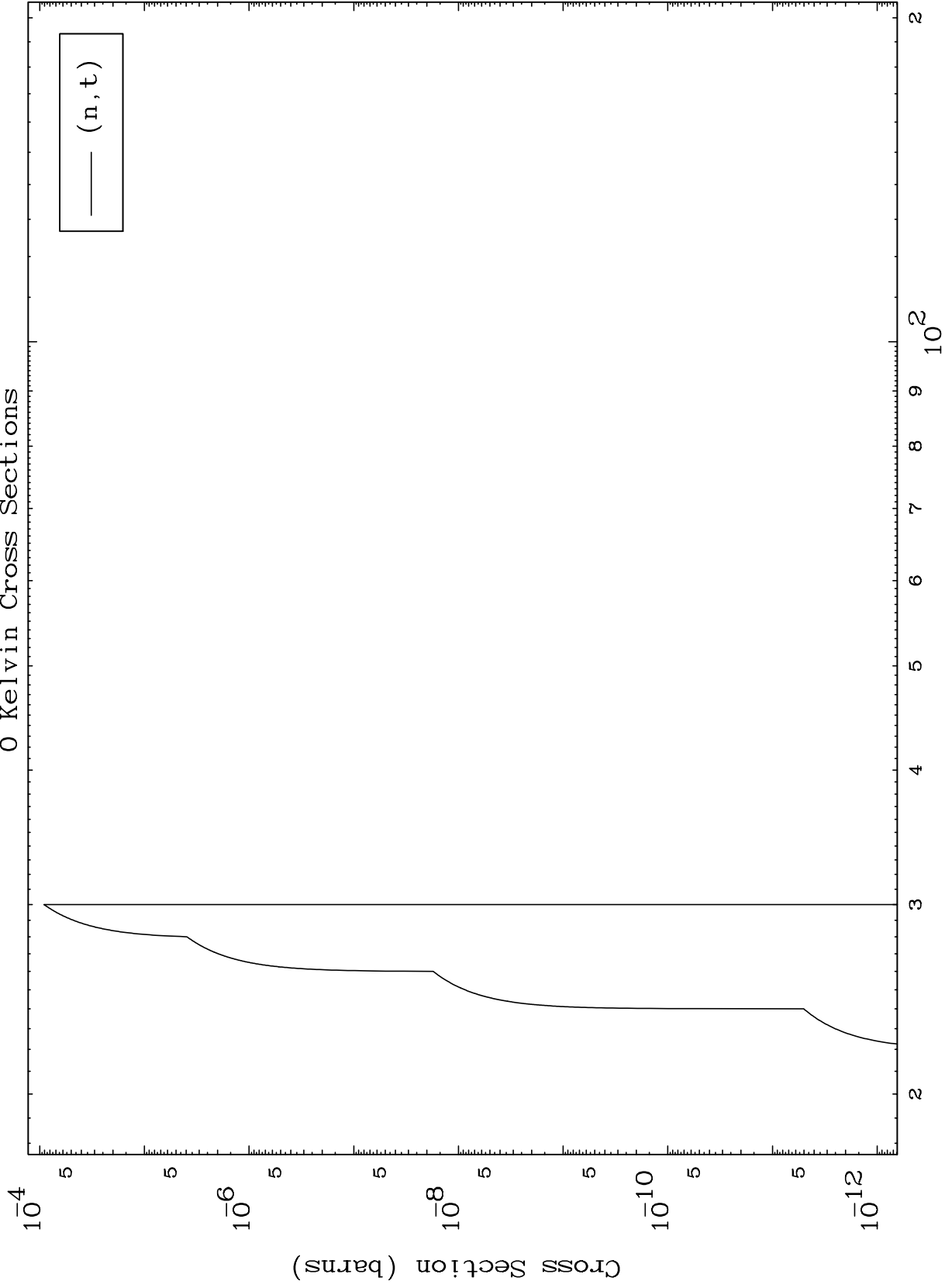
Incident Energy (MeV)

⁷¹Lu-154m

MAT 7063

(α, t) Levels
0 Kelvin Cross Sections

71-Lu-154m



8

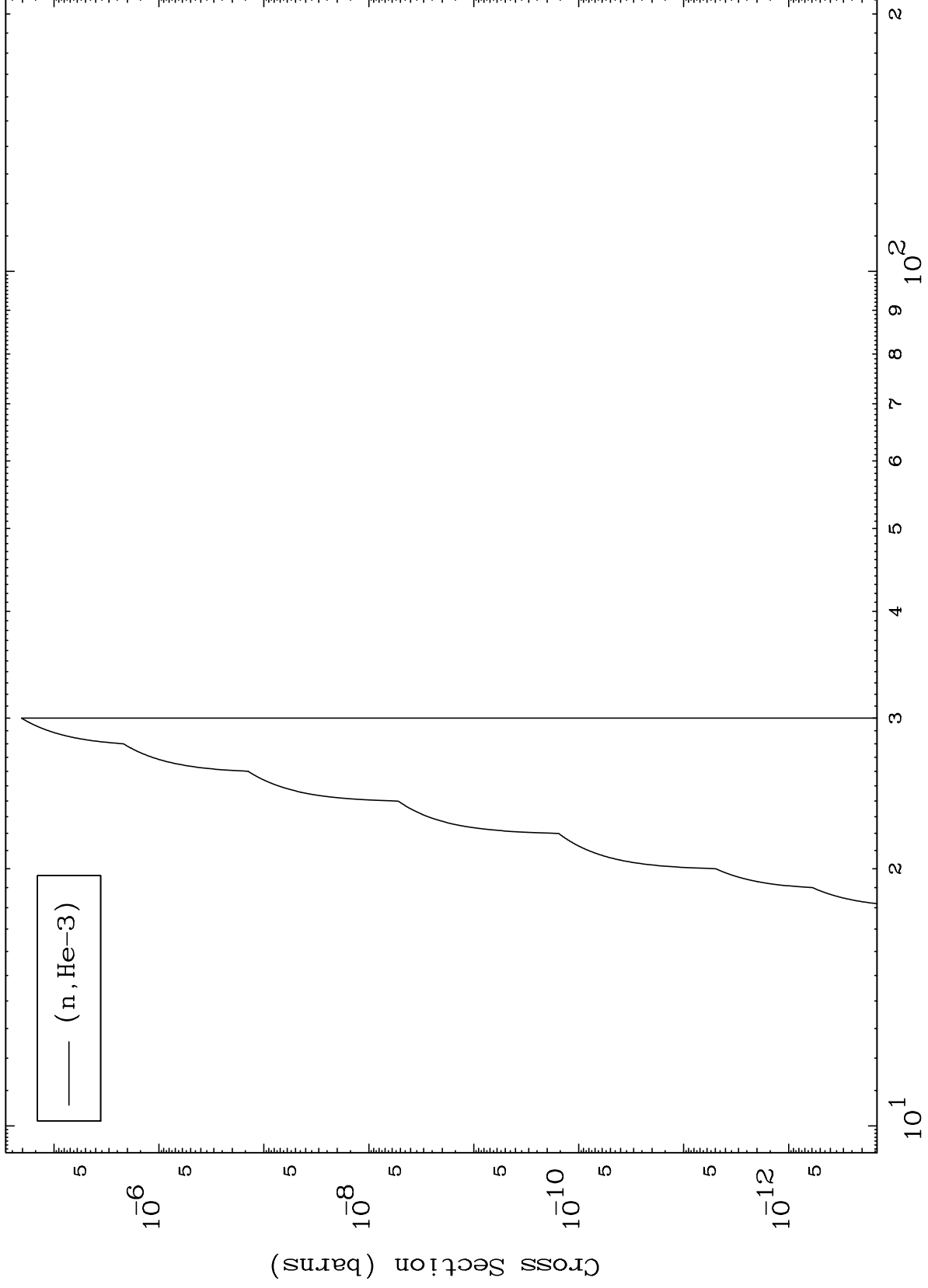
Incident Energy (MeV)

71-Lu-154m

MAT 7063

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

71-Lu-154m



Incident Energy (MeV)

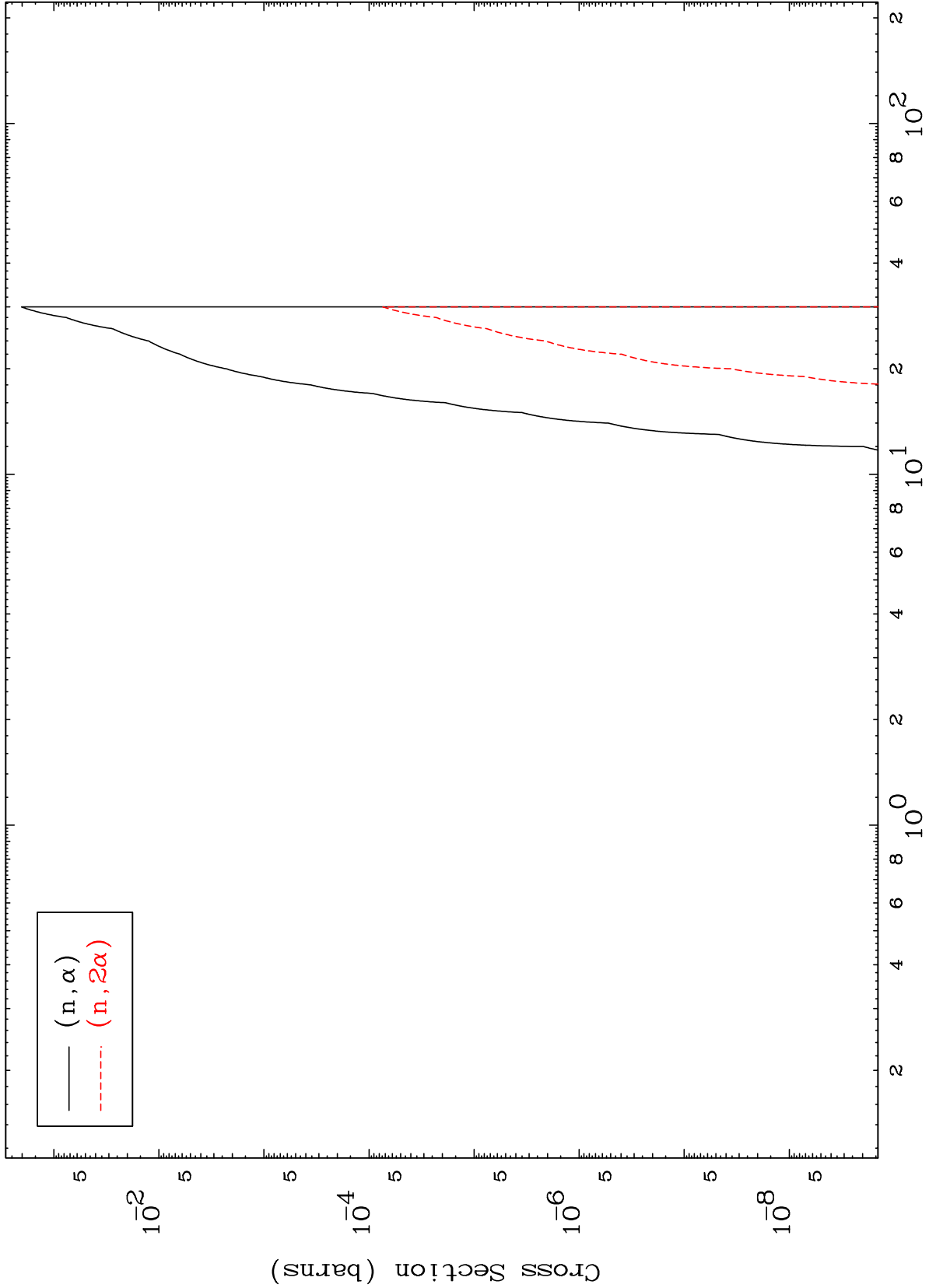
71-Lu-154m

MAT 7063

(α, α) Levels

71-Lu-154m

0 Kelvin Cross Sections



10

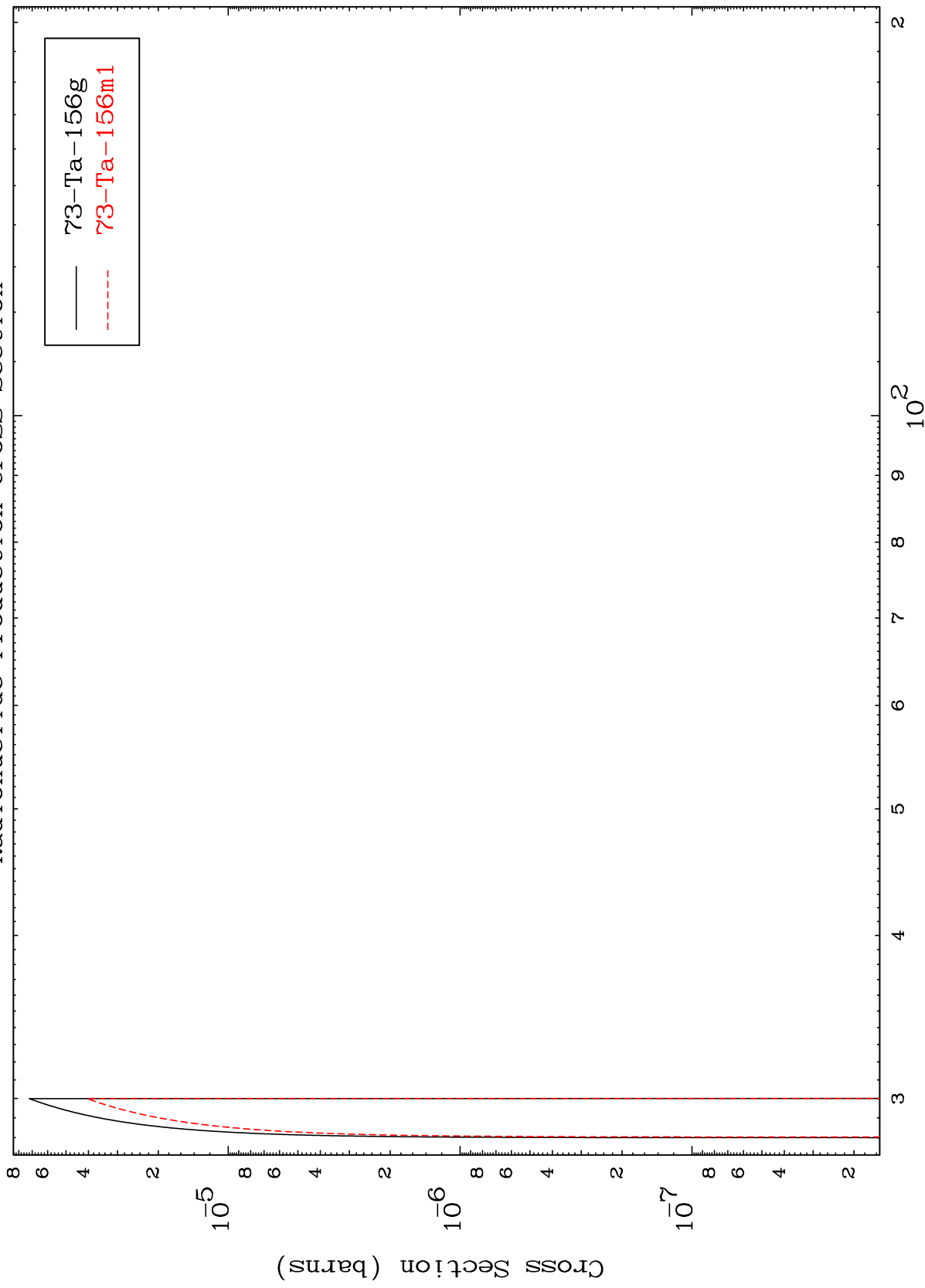
Incident Energy (MeV)

71-Lu-154m

MAT 7063

71-Lu-154m

(n,2n)
Radionuclide Production Cross Section



11

71-Lu-154m

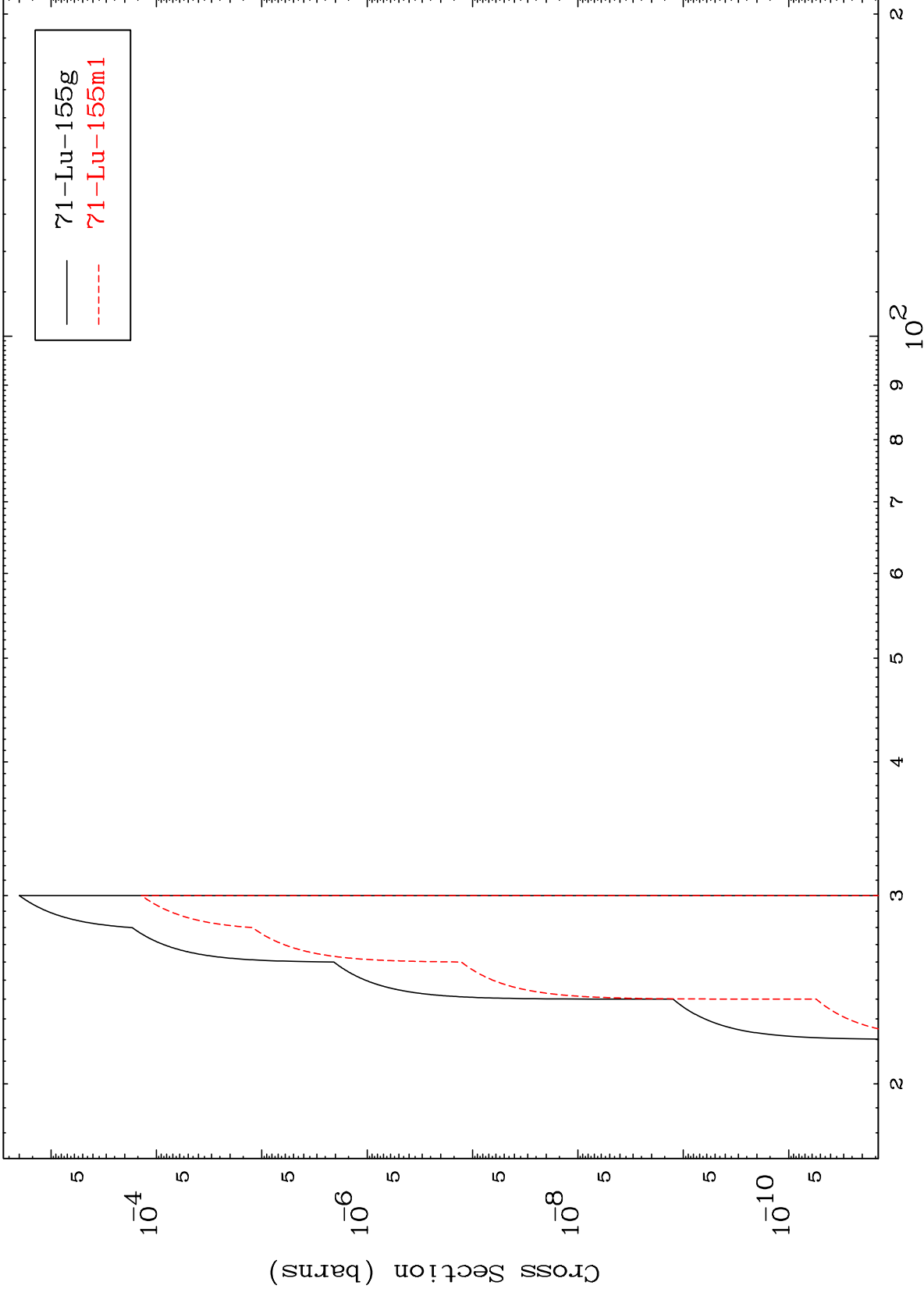
Incident Energy (MeV)

MAT 7063

(n,2n) p

⁷¹Lu-154m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

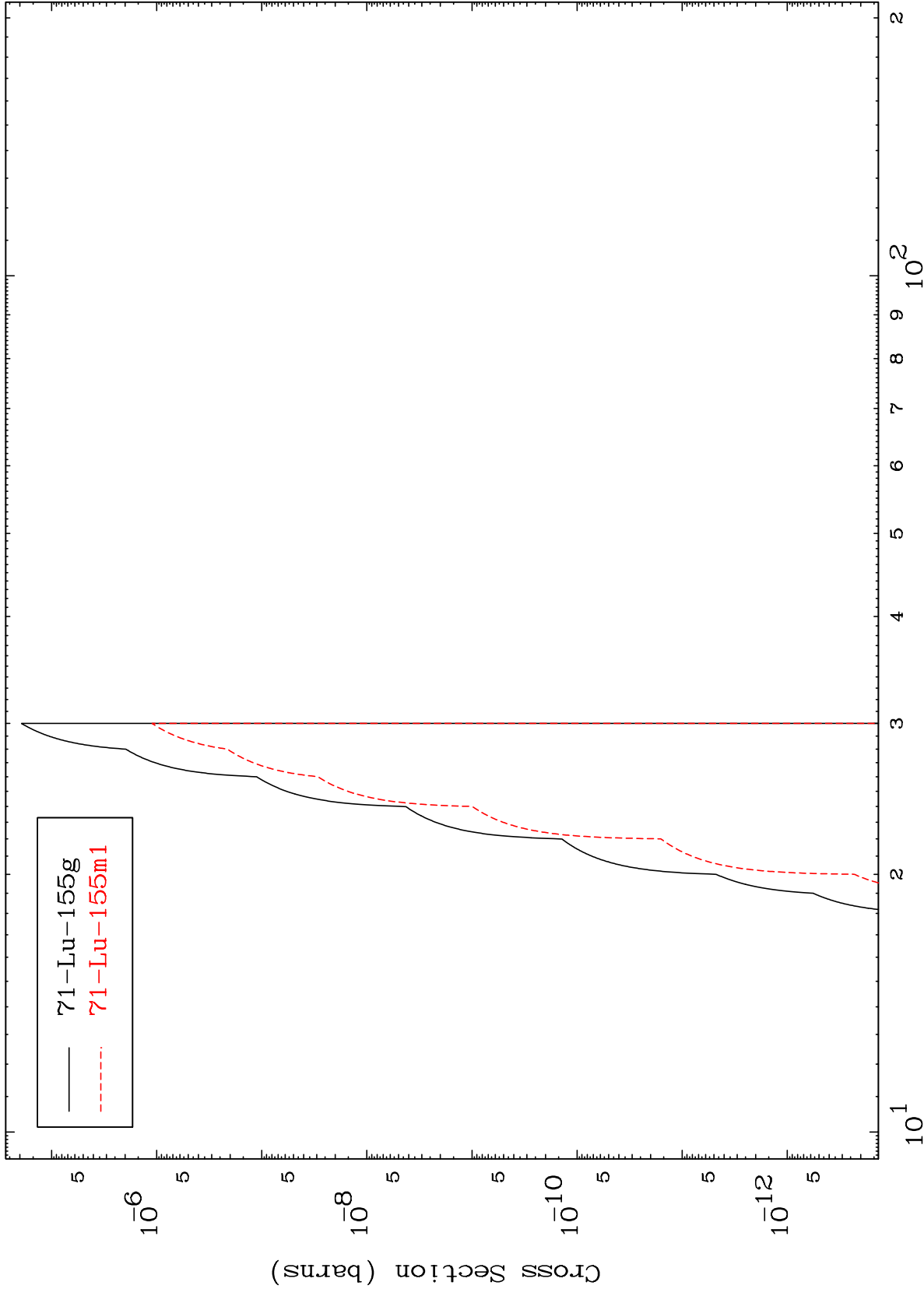
⁷¹Lu-154m

MAT 7063

(n,He-3)

71-Lu-154m

Radionuclide Production Cross Section



13

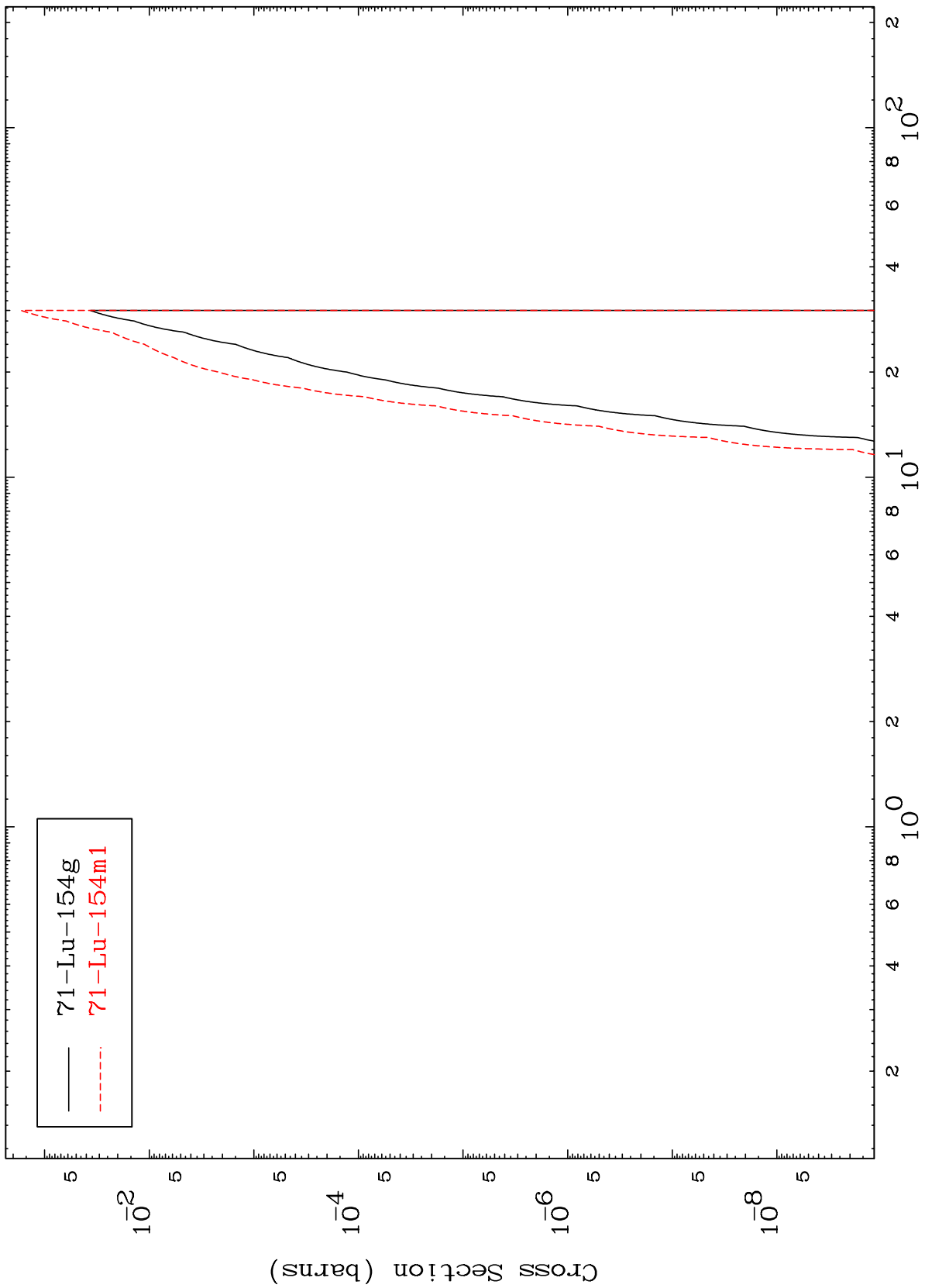
Incident Energy (MeV)

71-Lu-154m

MAT 7063

⁷¹Lu-154m

Radionuclide Production Cross Section (n,α)

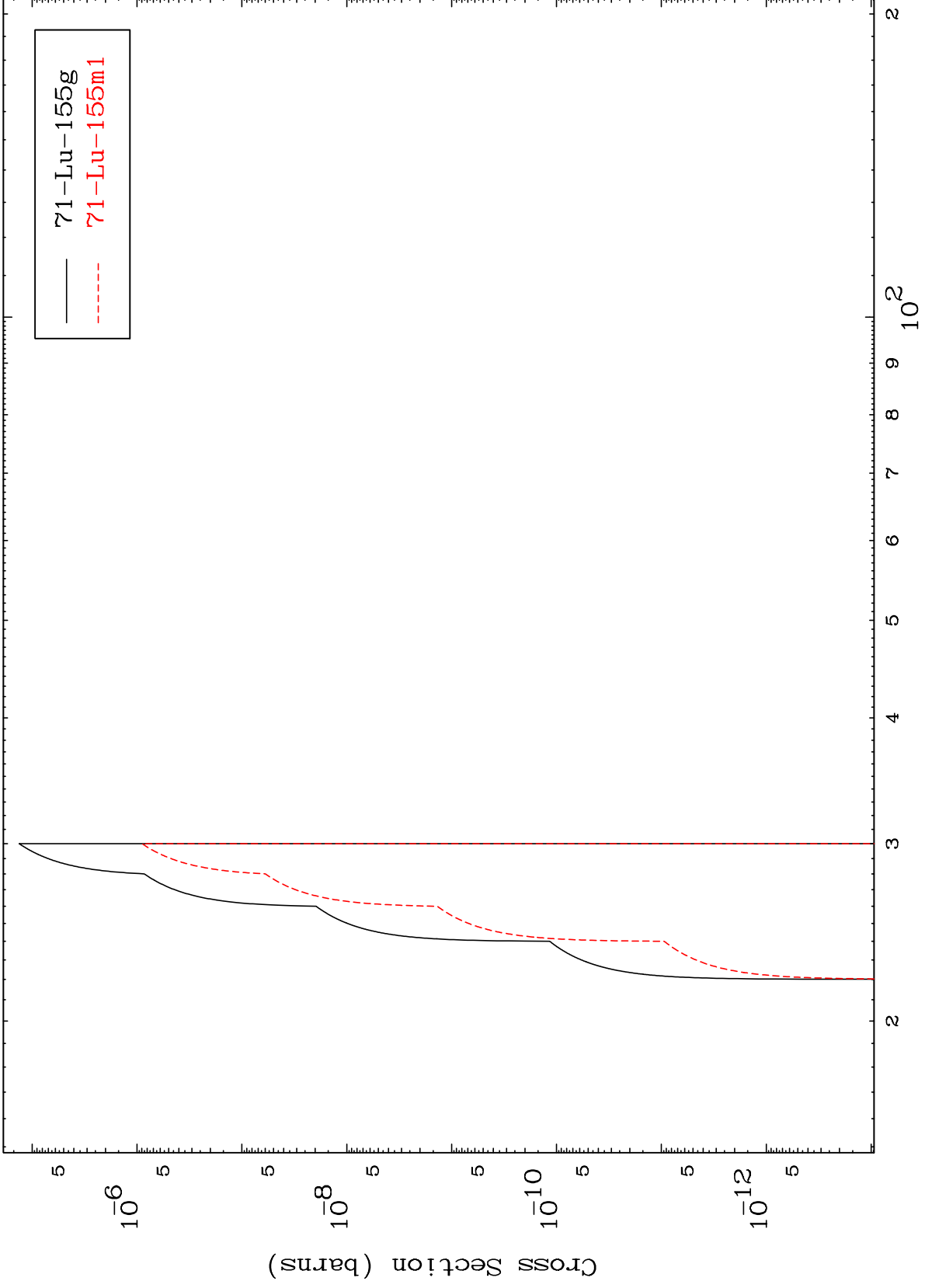


MAT 7063

(n,p) d

⁷¹Lu-154m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

⁷¹Lu-154m