

Program EVALPLOT
(Version 2021-1)

by

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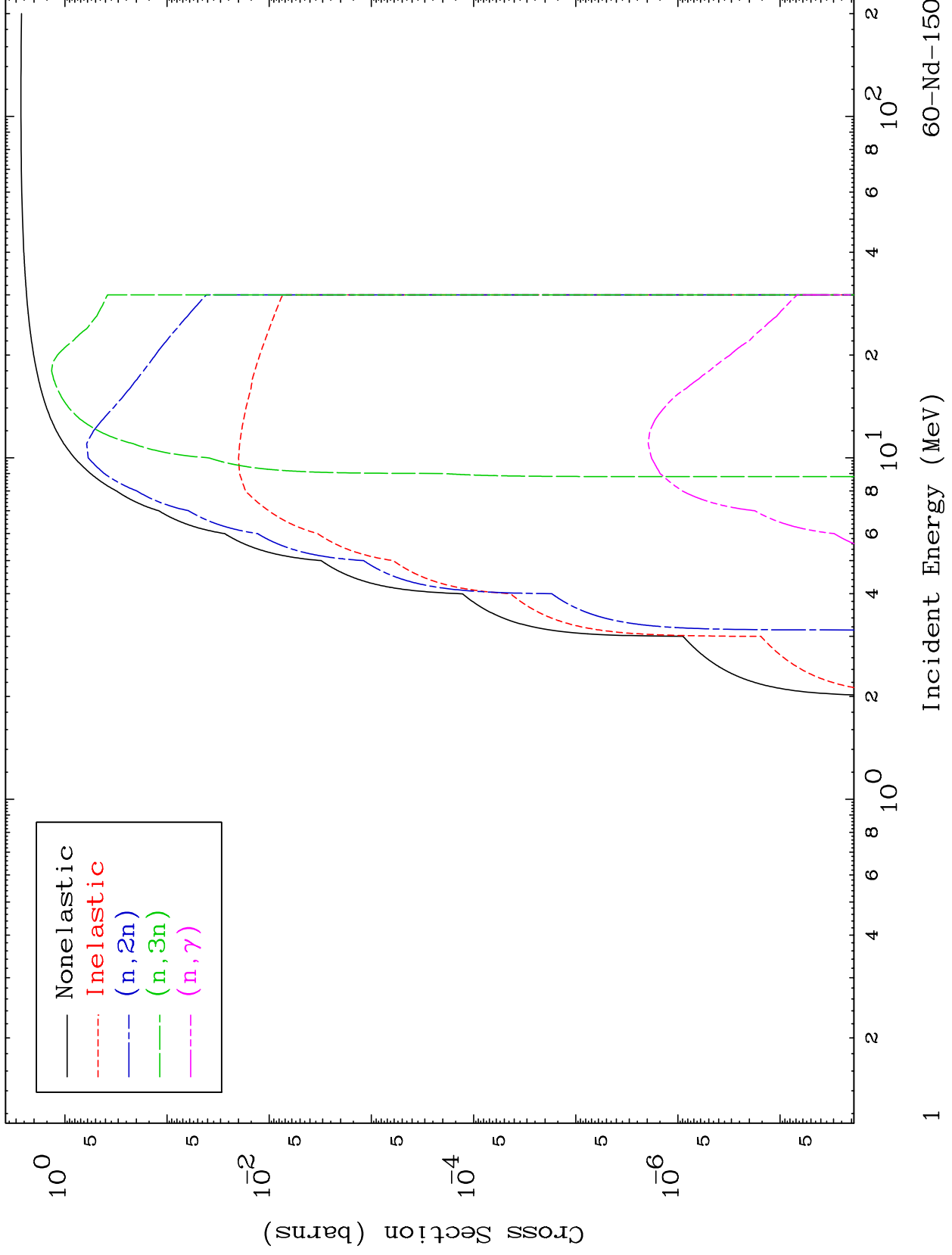
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6049

Deuteron Major
0 Kelvin Cross Sections

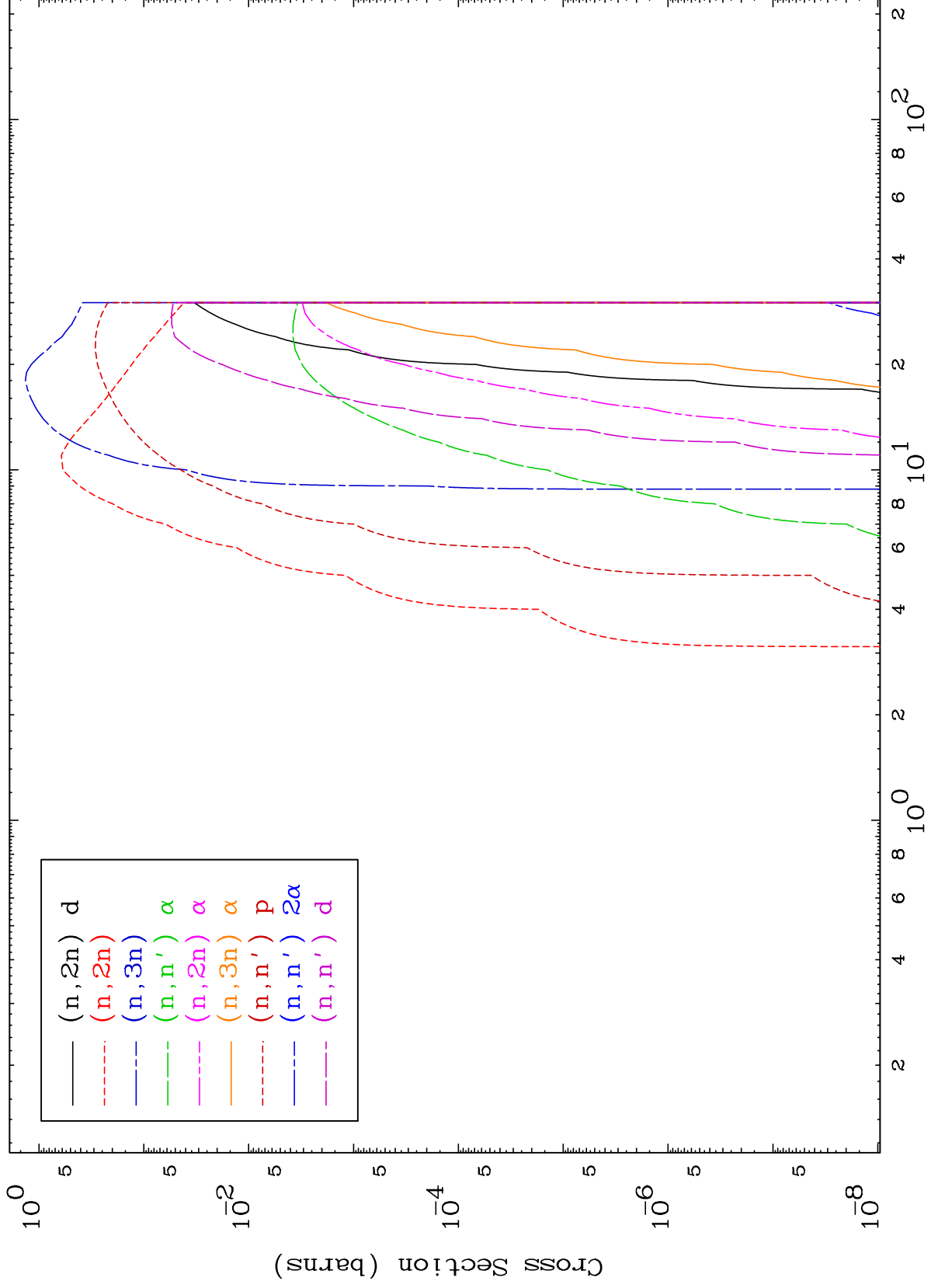
60-Nd-150



MAT 6049

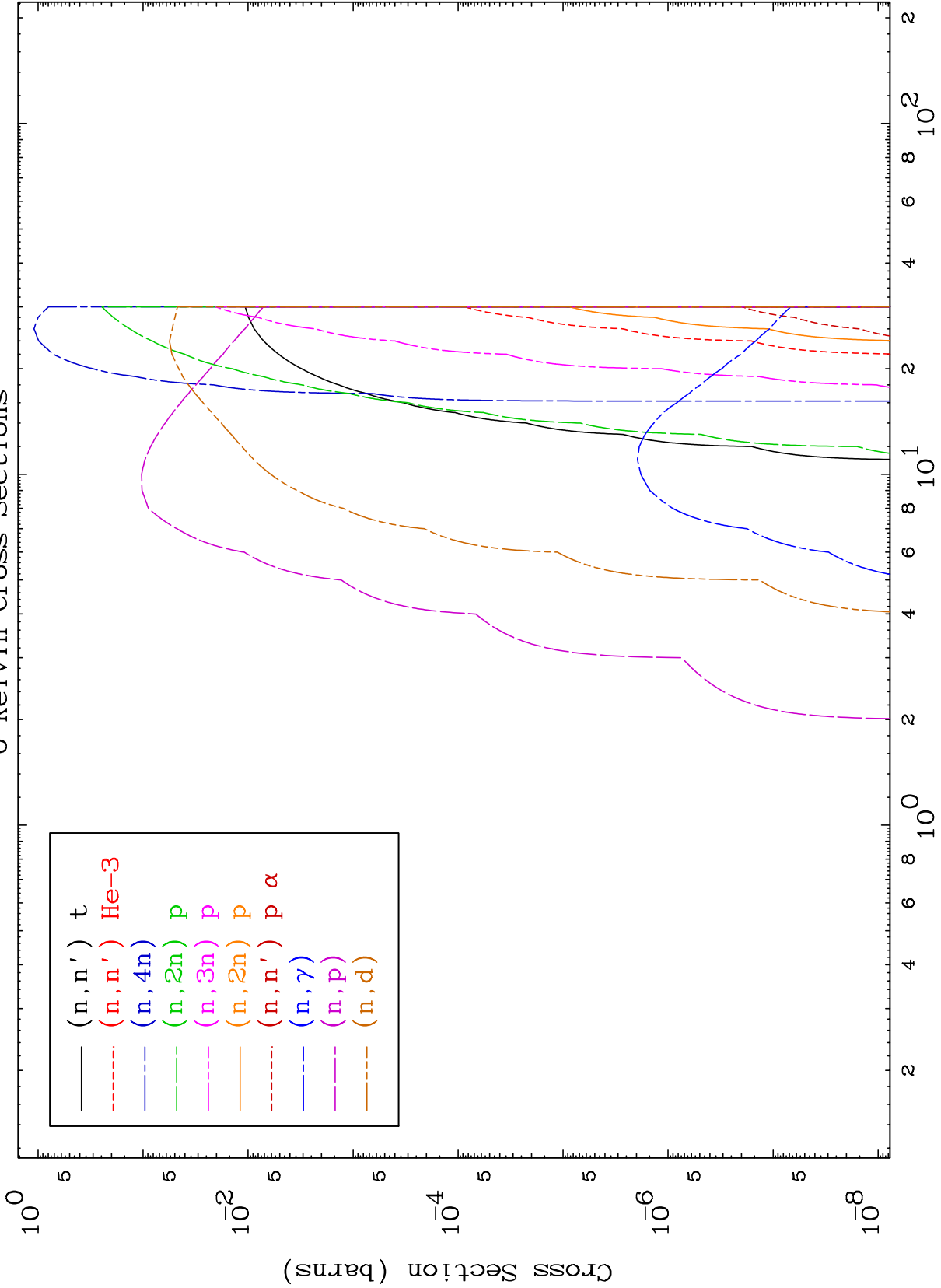
Deuteron Neutron Absorption
0 Kelvin Cross Sections

60-Nd-150



Incident Energy (MeV)

60-Nd-150

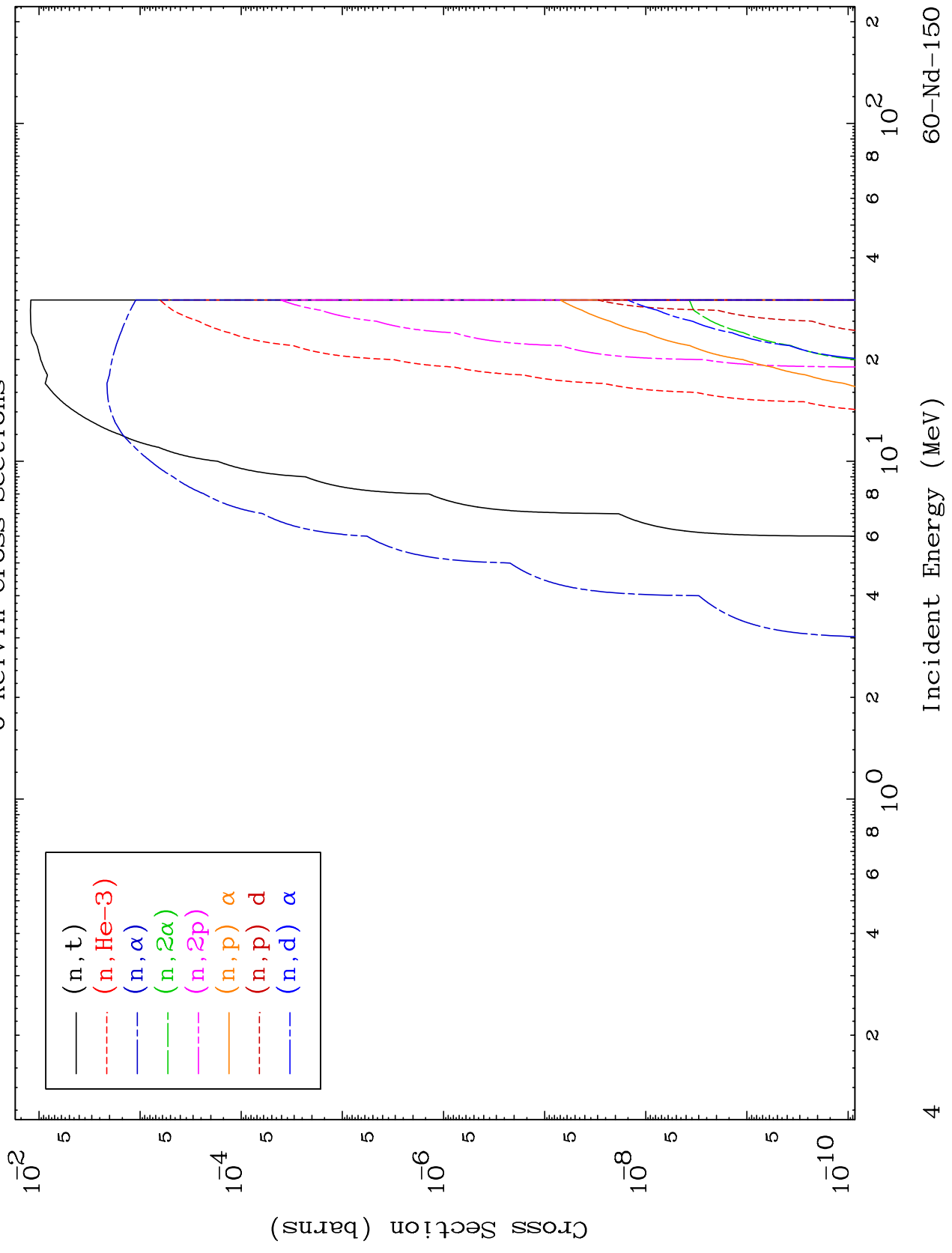


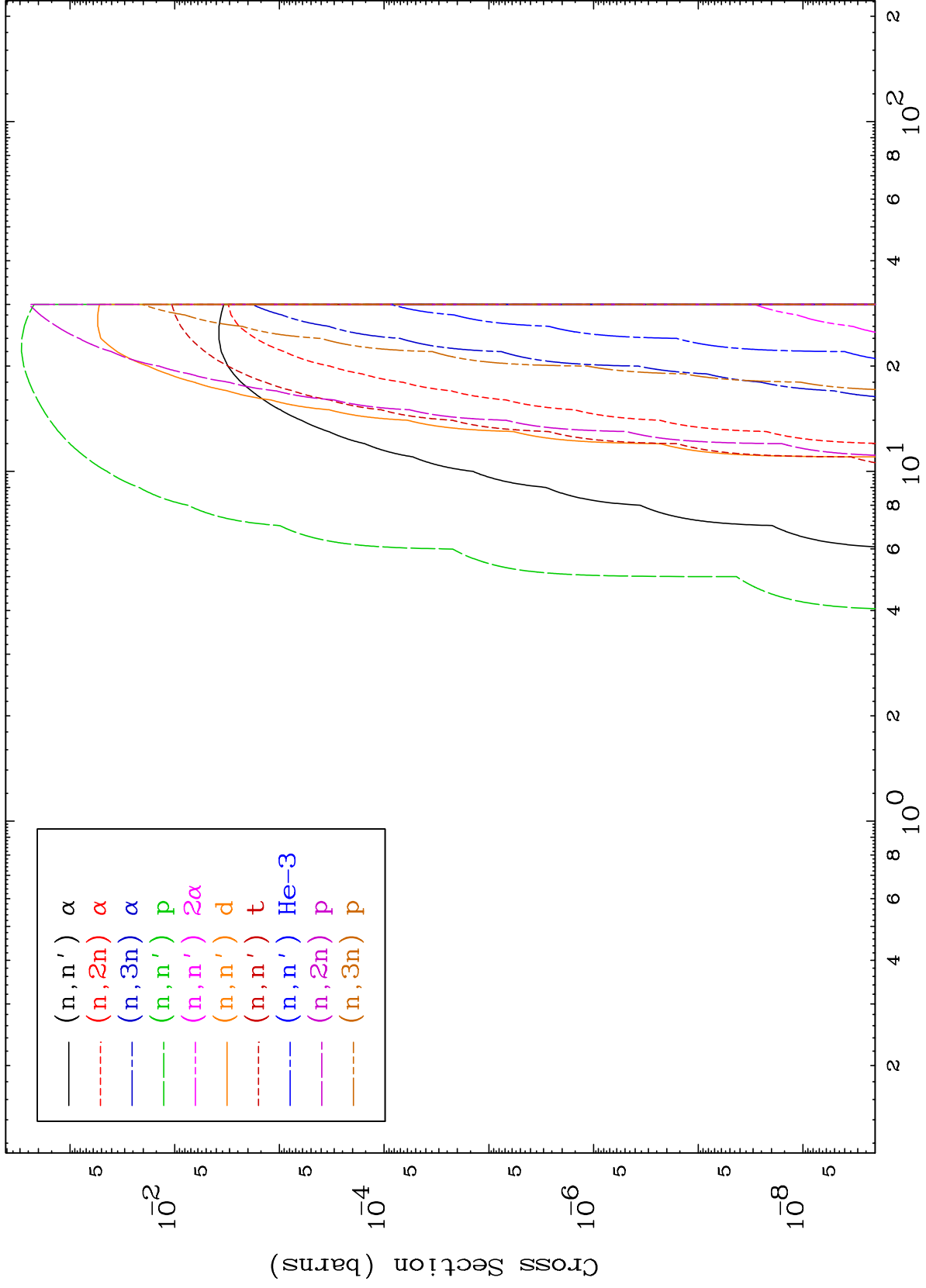
—	(n, n')	t
- - -	(n, n')	He-3
- · - ·	$(n, 4n)$	
- - -	$(n, 2n)$	p
- - -	$(n, 3n)$	p
- · - ·	$(n, 2n)$	p
- - -	(n, n')	p α
- · - ·	(n, γ)	
- · - ·	(n, p)	
- - -	(n, d)	

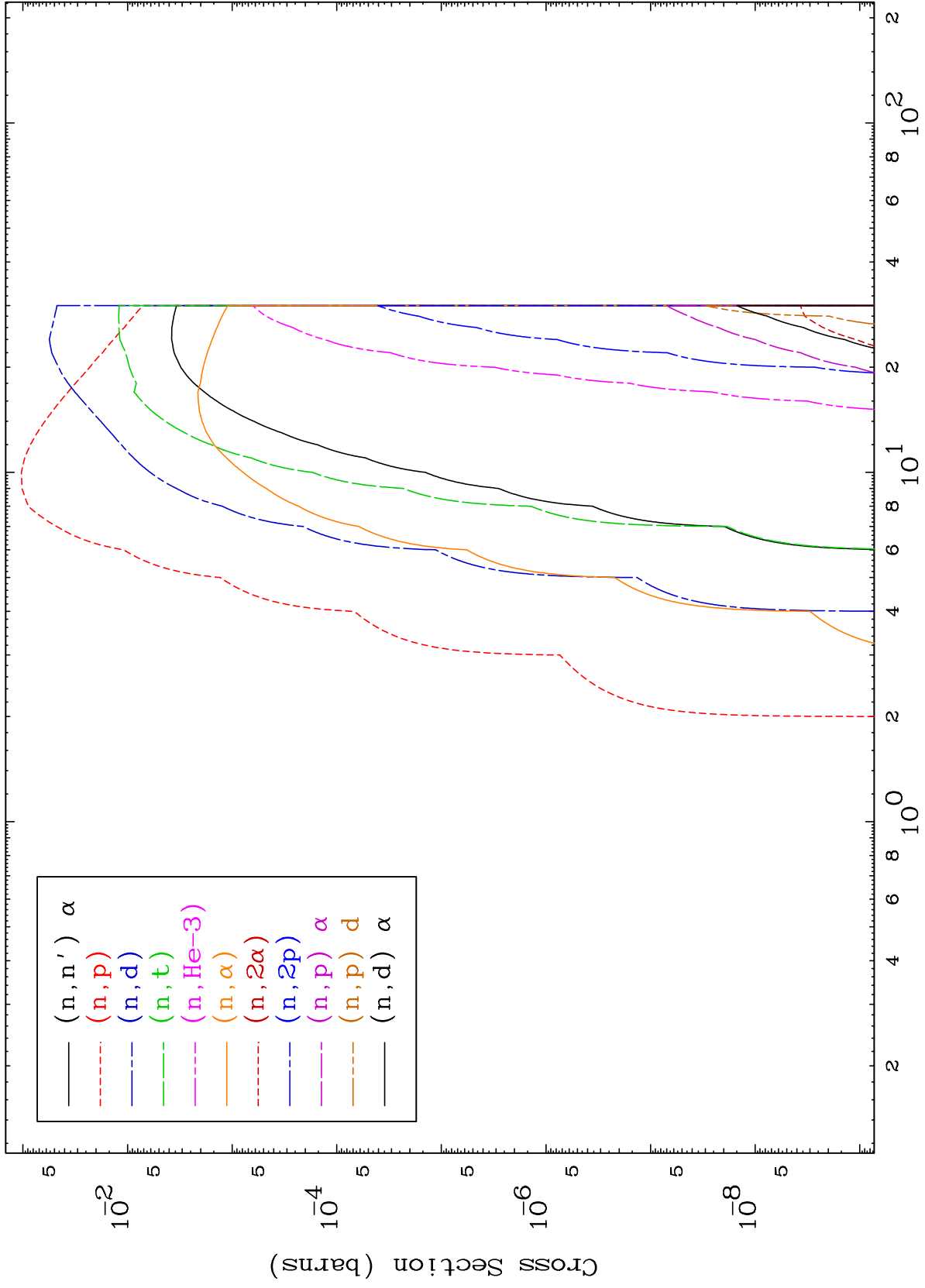
MAT 6049

Deuteron Neutron Absorption
0 Kelvin Cross Sections

60-Nd-150



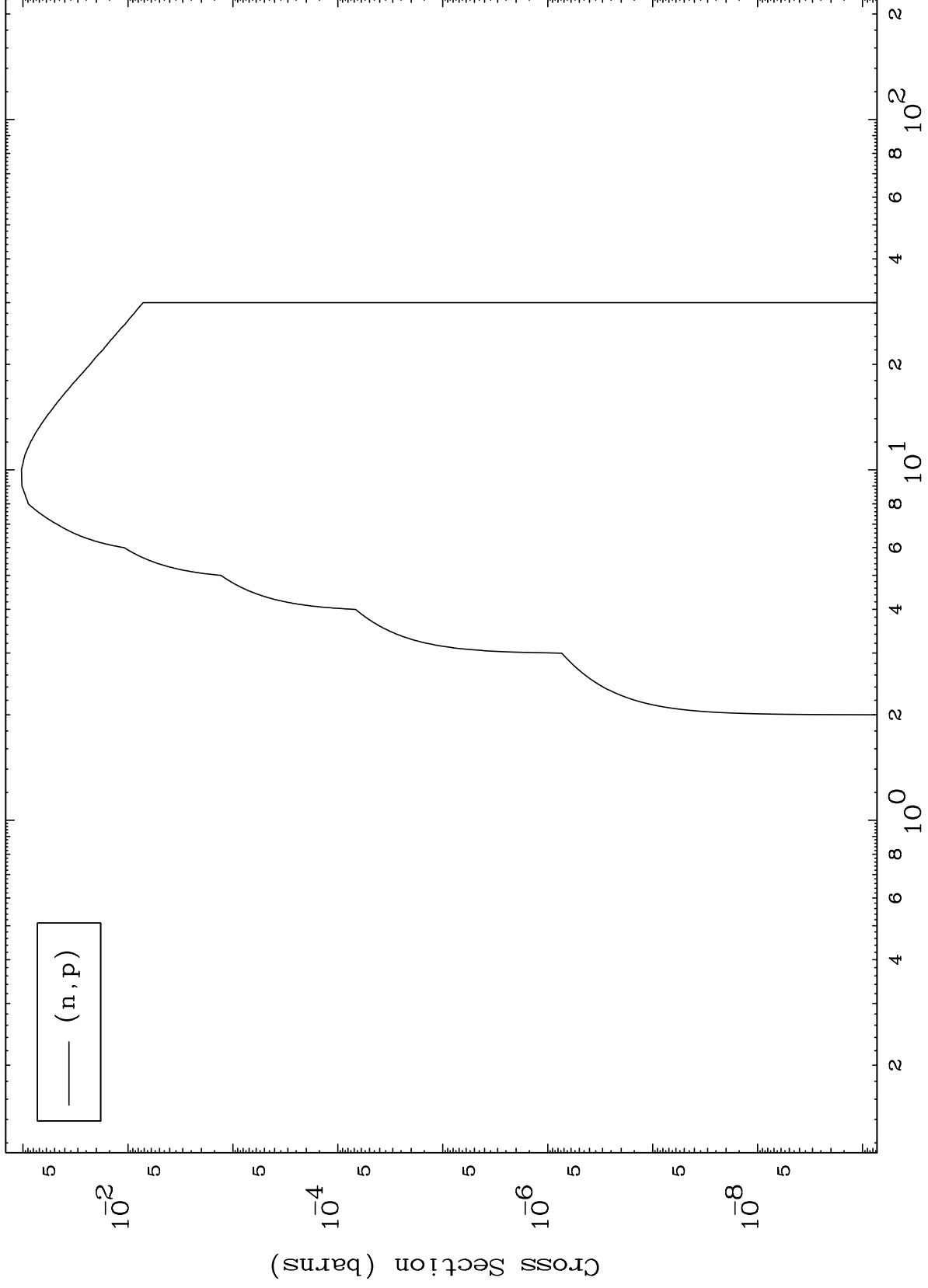




MAT 6049

(d,p) Levels
0 Kelvin Cross Sections

60-Nd-150

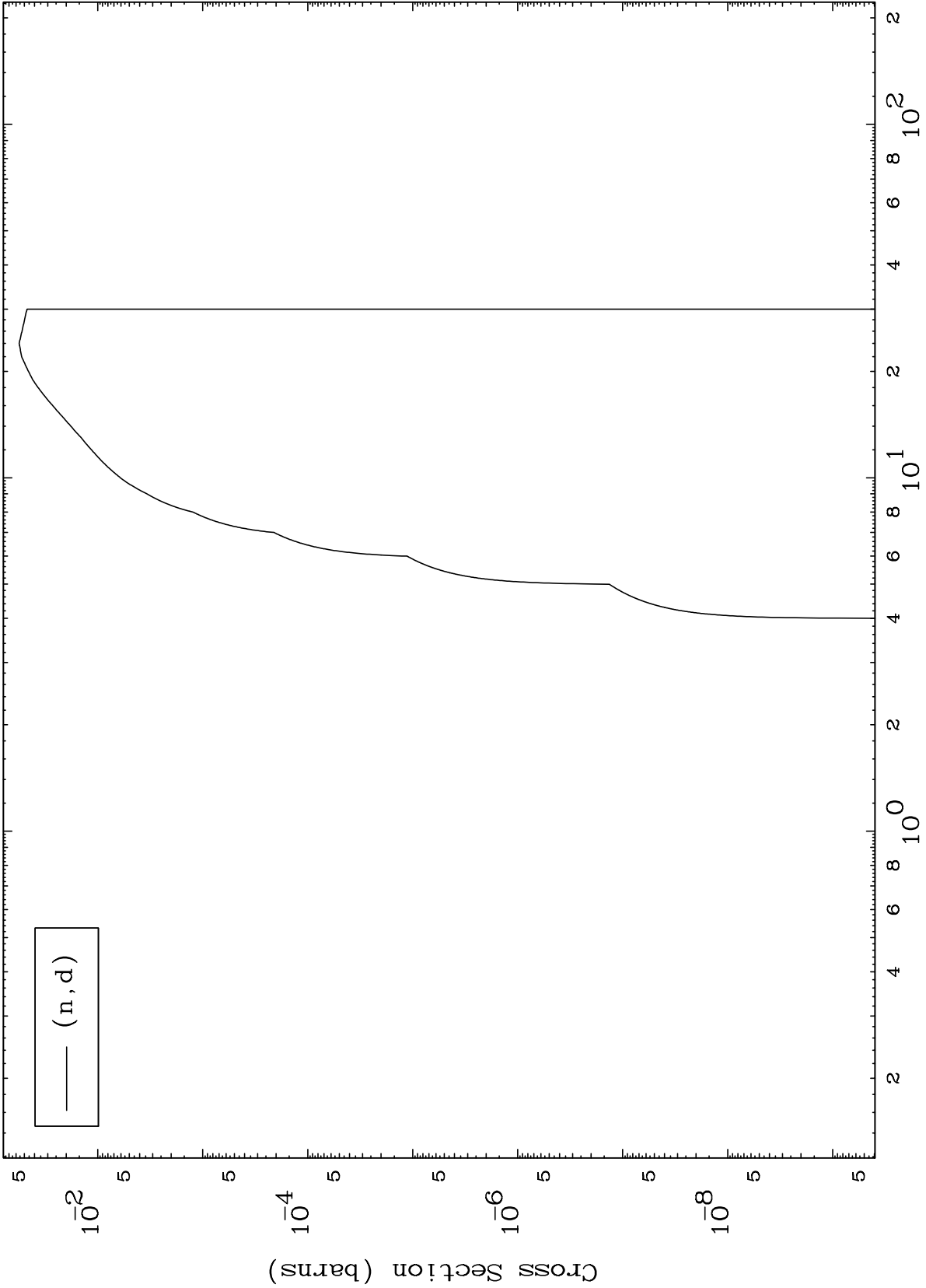


MAT 6049

(d,d) Levels

60-Nd-150

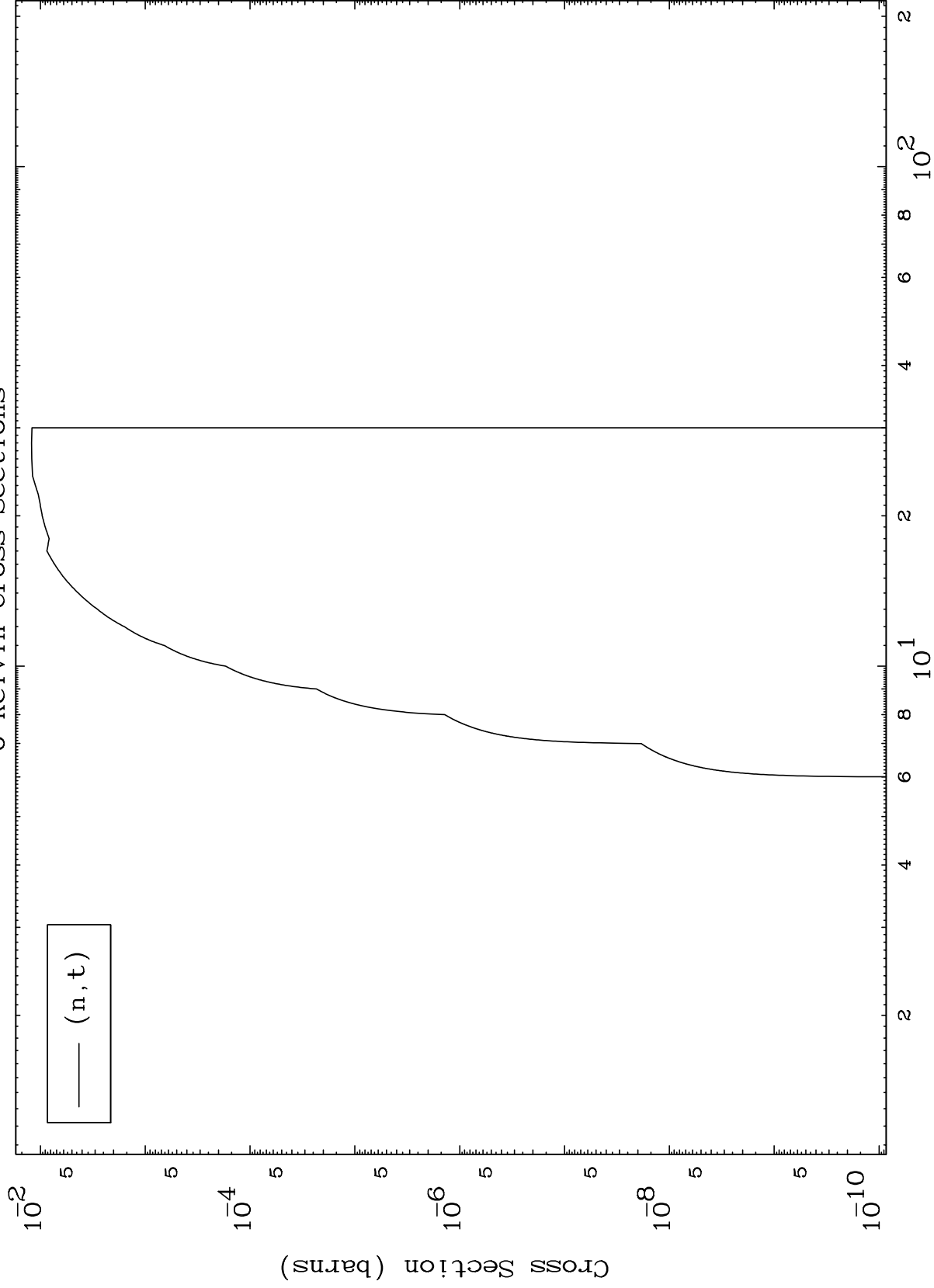
0 Kelvin Cross Sections



MAT 6049

(d, t) Levels
0 Kelvin Cross Sections

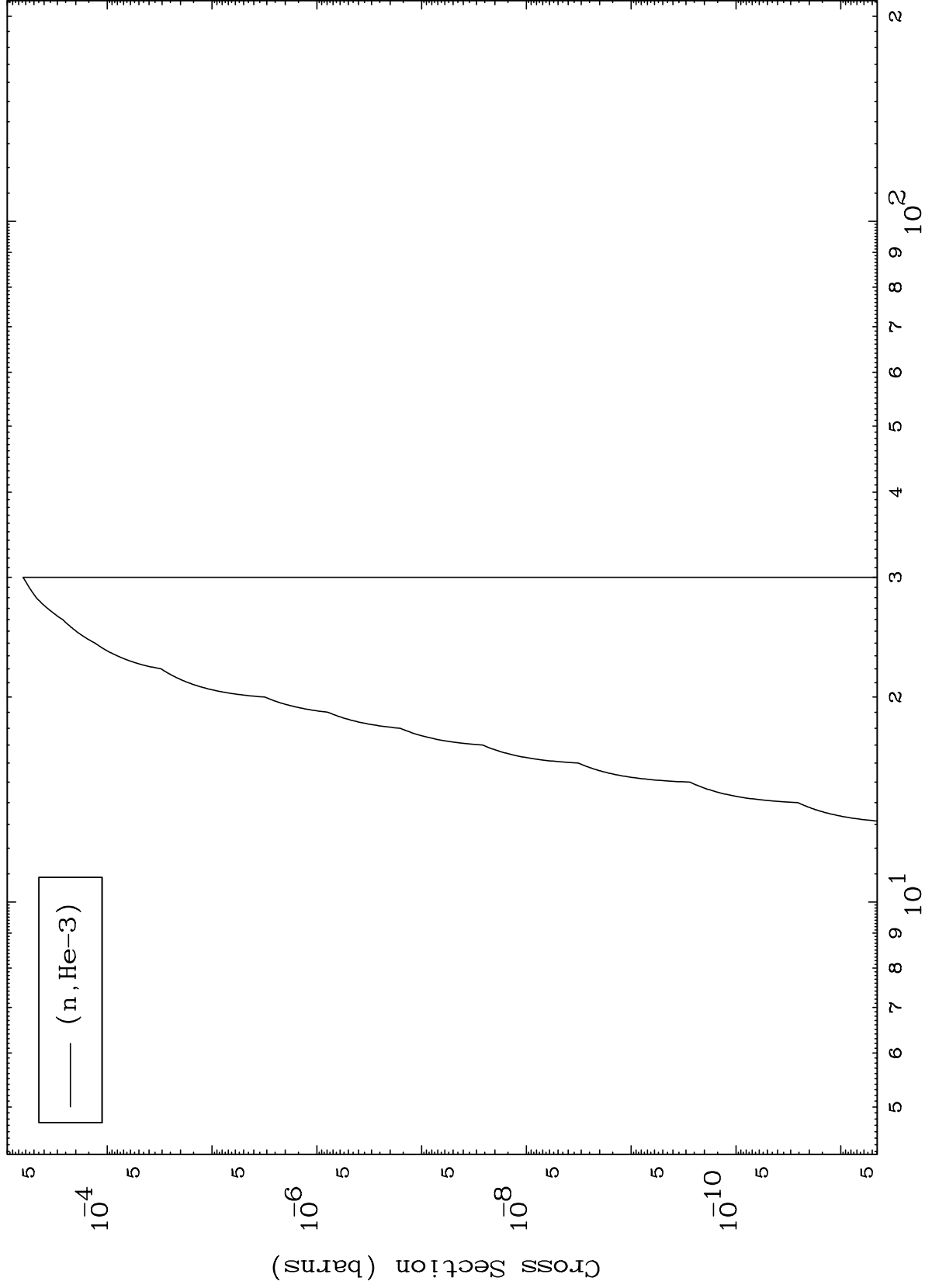
60-Nd-150



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(d,He3) Levels
0 Kelvin Cross Sections

60-Nd-150



10

Incident Energy (MeV)

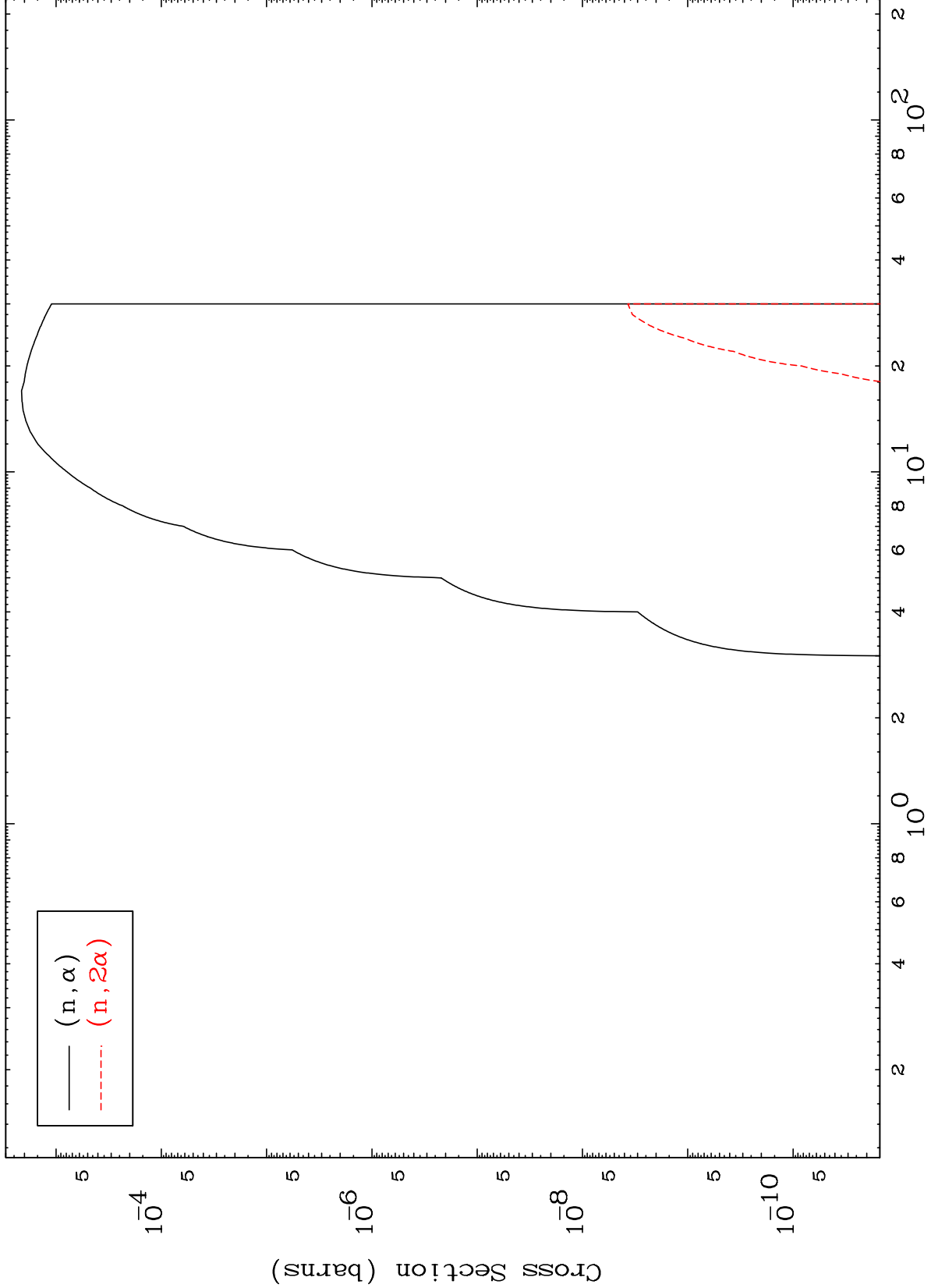
60-Nd-150

MAT 6049

(d, α) Levels

60-Nd-150

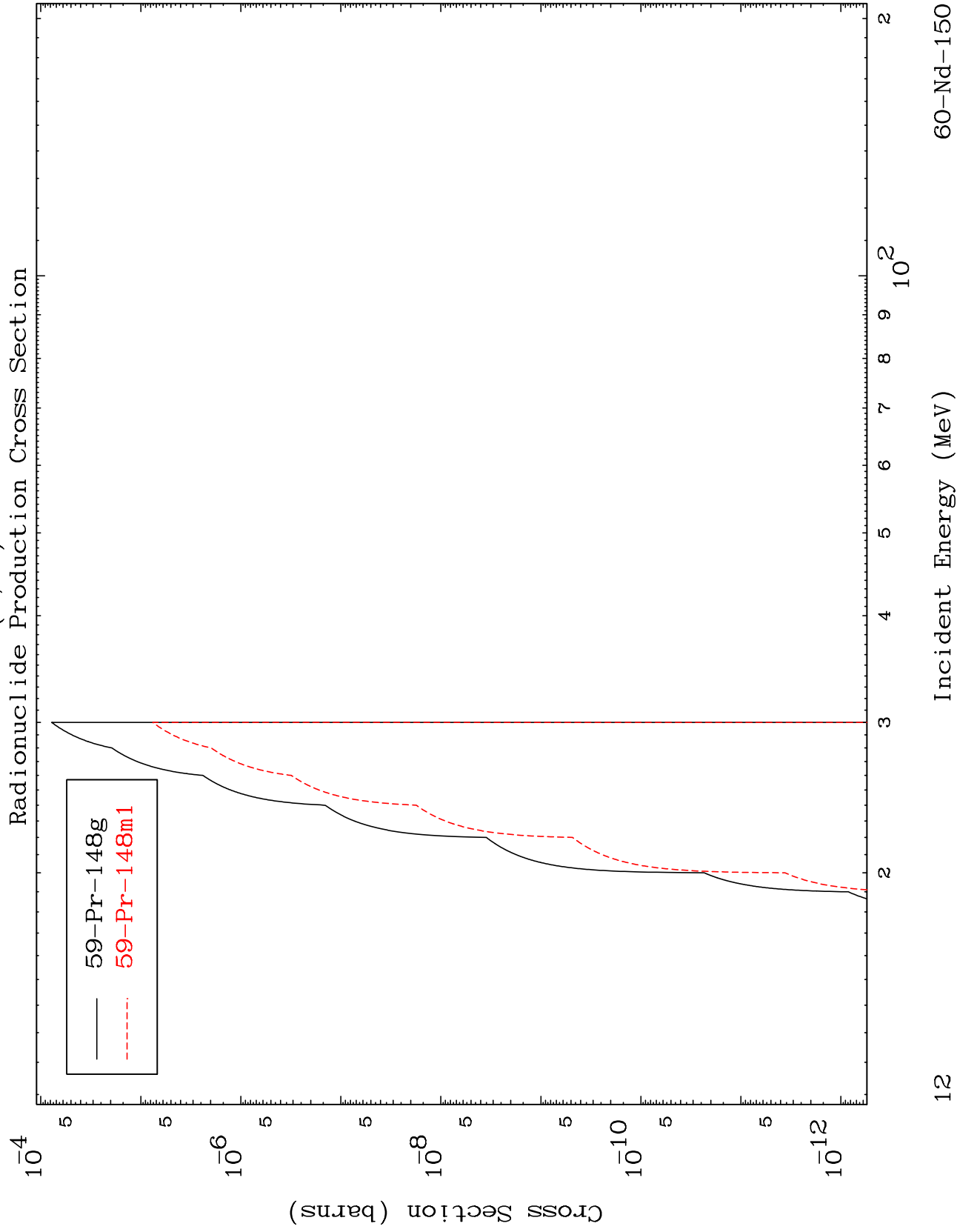
0 Kelvin Cross Sections



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(n,n') He-3

60-Nd-150



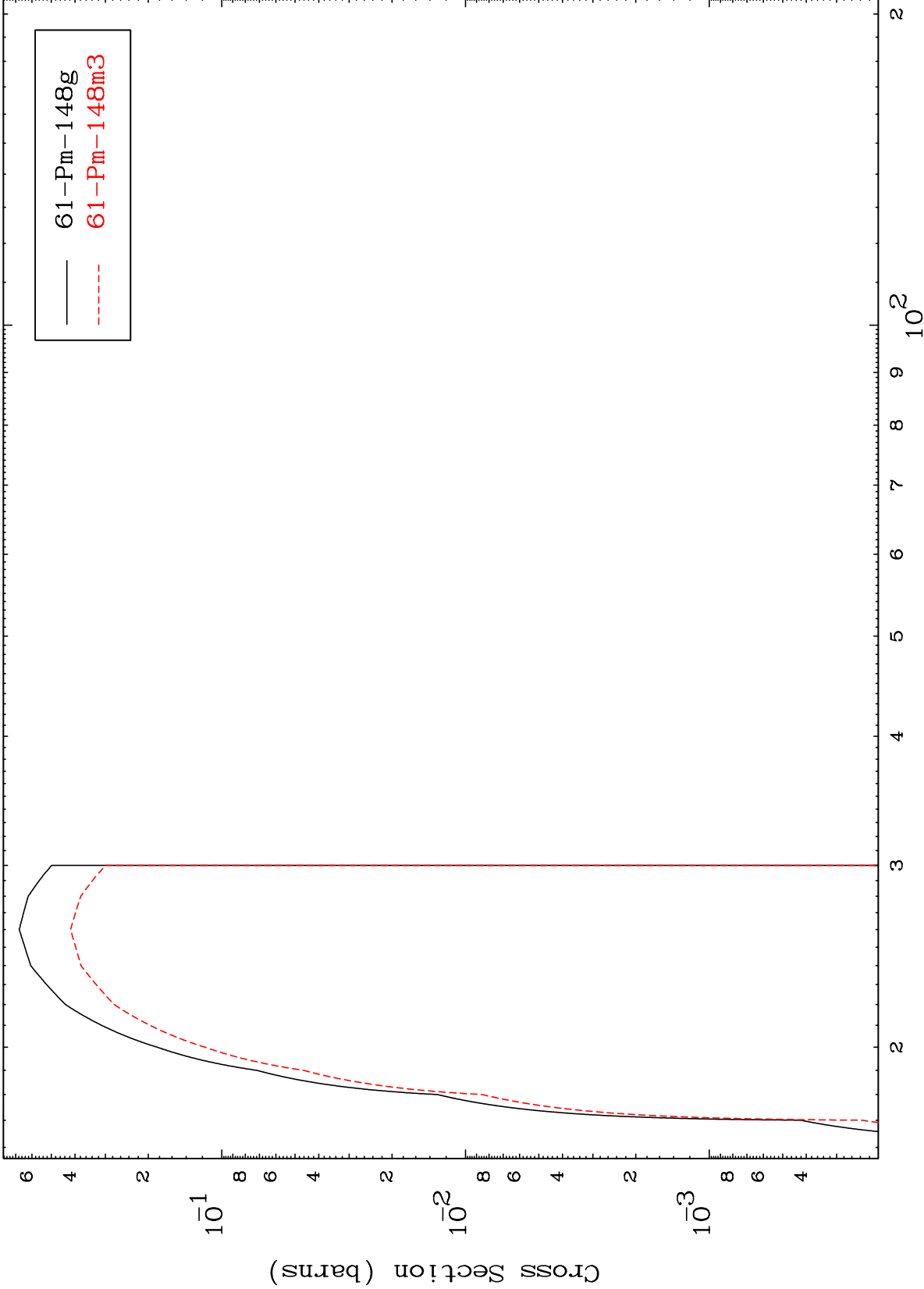
12

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(n,4n)

60-Nd-150

Radionuclide Production Cross Section



13

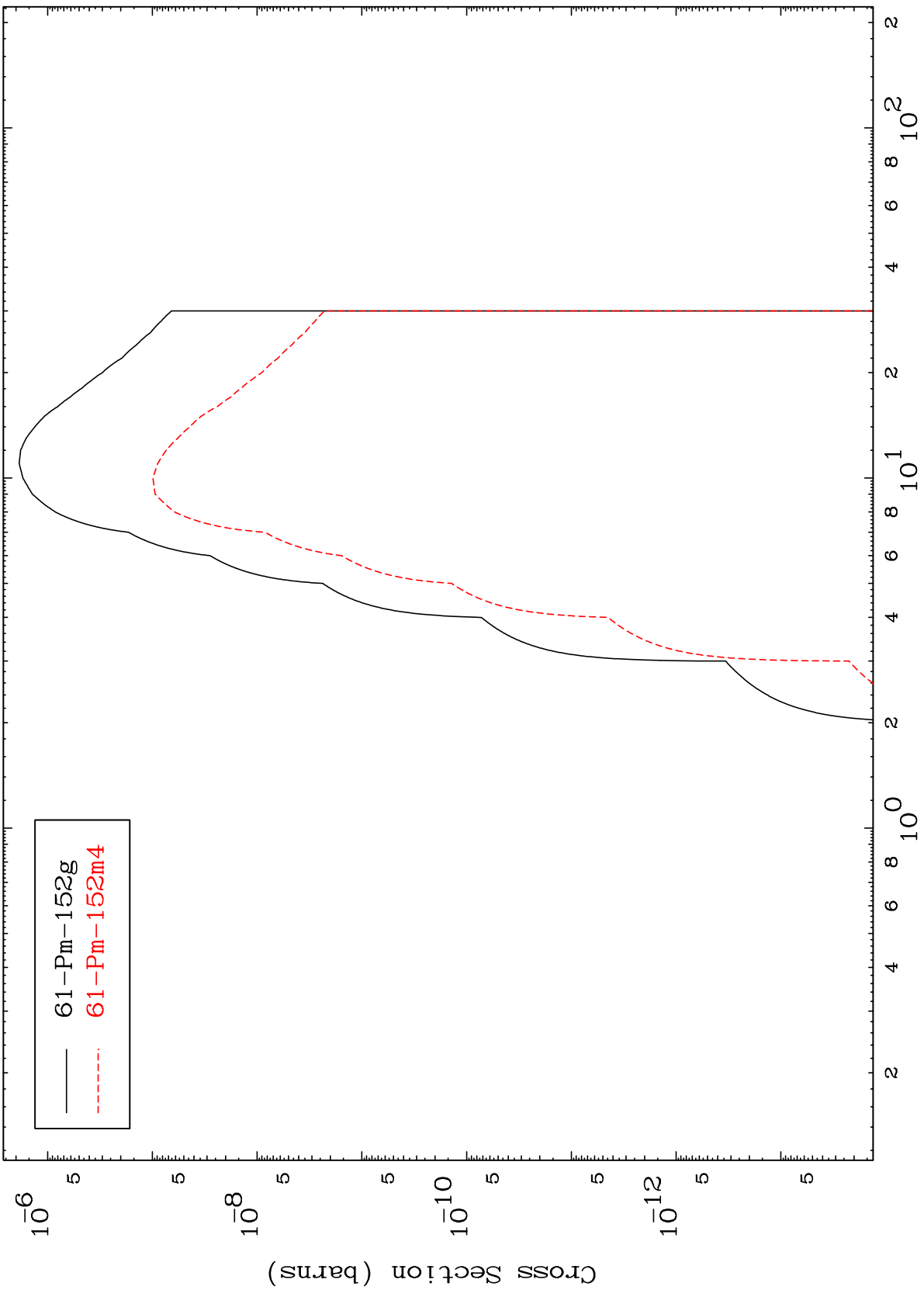
Incident Energy (MeV)

60-Nd-150

MAT 6049

60-Nd-150

(n, γ)
Radionuclide Production Cross Section



60-Nd-150

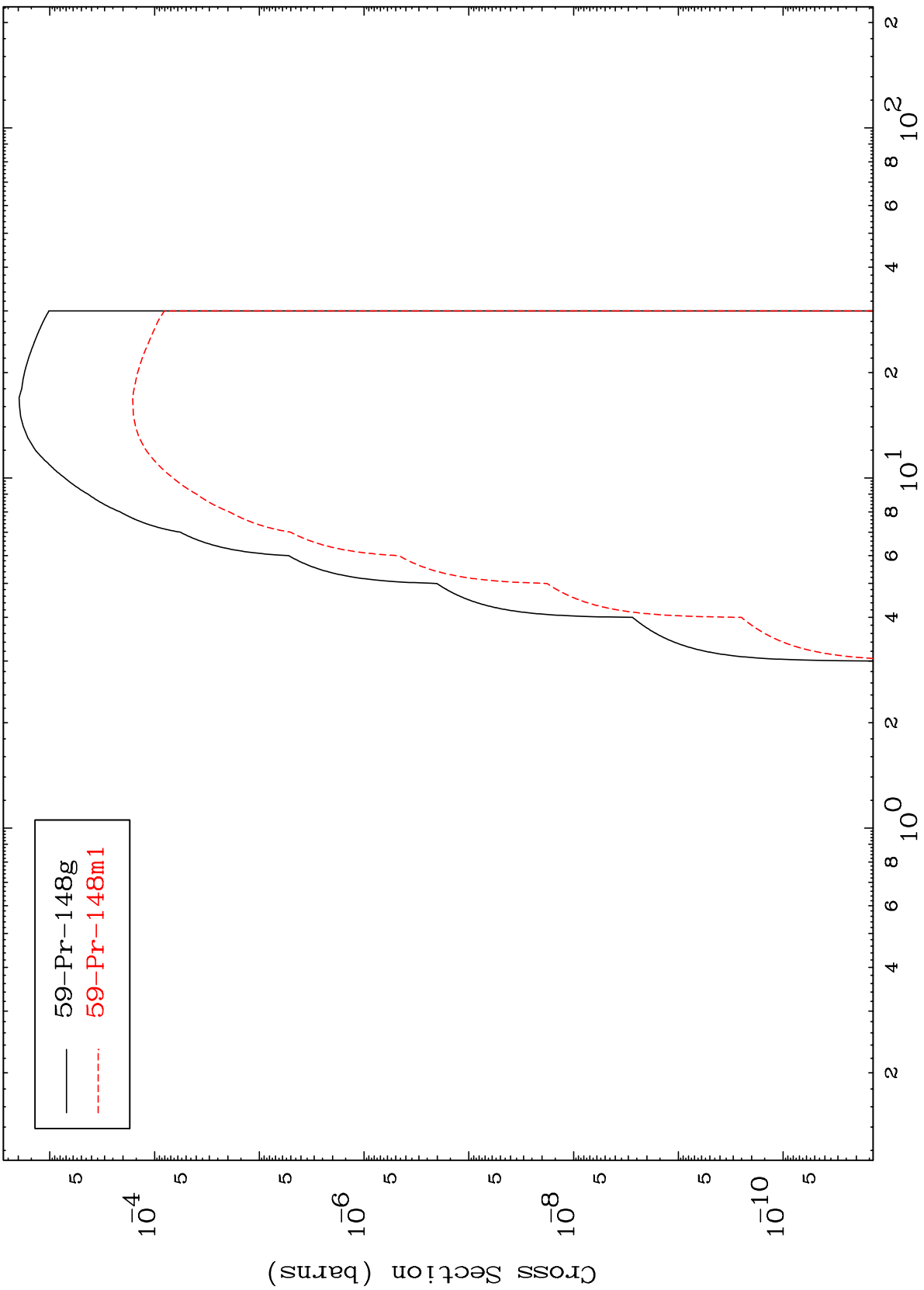
Incident Energy (MeV)

14

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60-Nd-150

Radionuclide Production Cross Section
(n, α)



59-Pr-148g
59-Pr-148m1

60-Nd-150

Incident Energy (MeV)

15