

Program EVALPLOT
(Version 2021-1)

by

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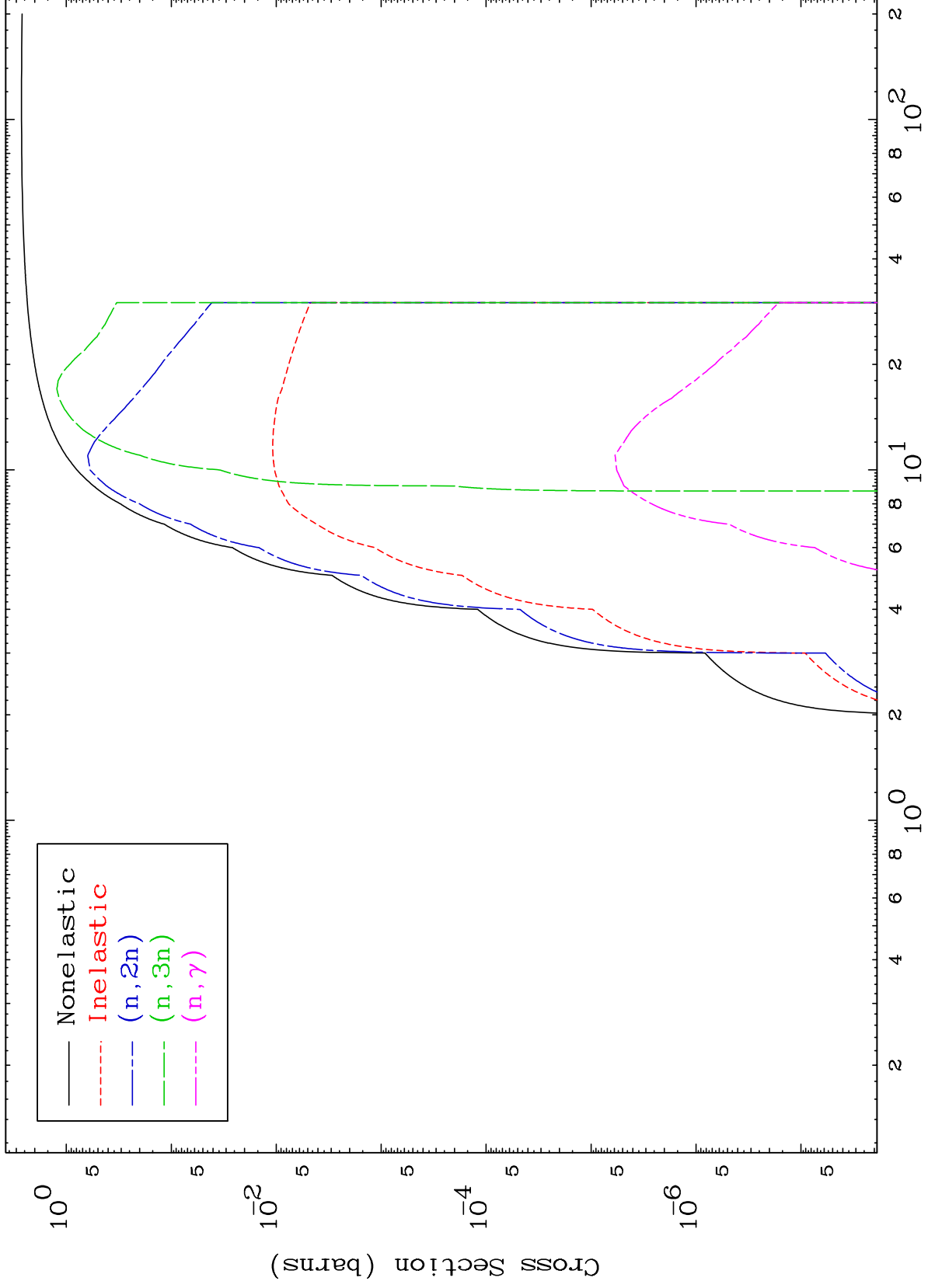
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6046

Deuteron Major
0 Kelvin Cross Sections

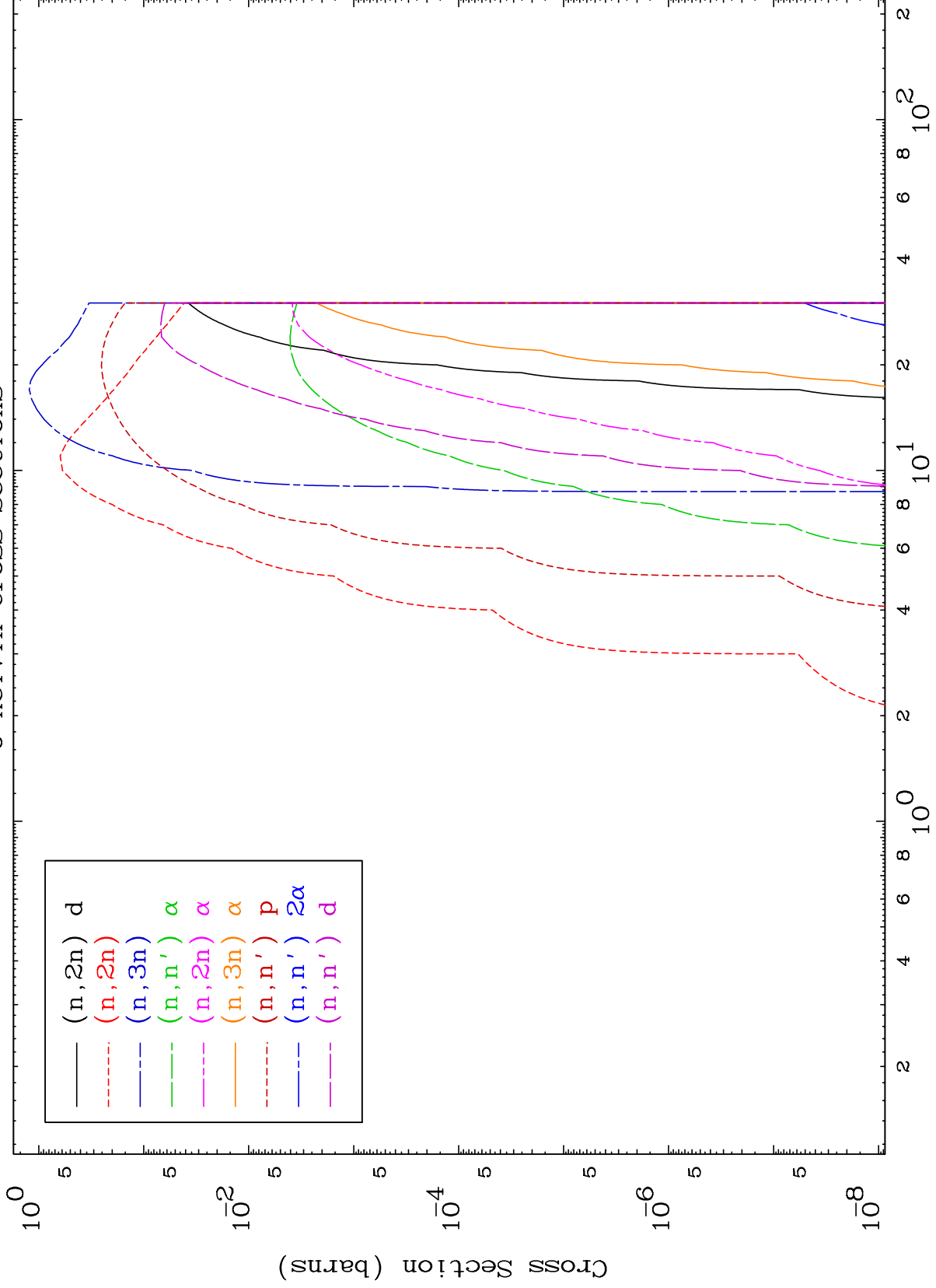
60-Nd-149



MAT 6046

Deuteron Neutron Absorption
0 Kelvin Cross Sections

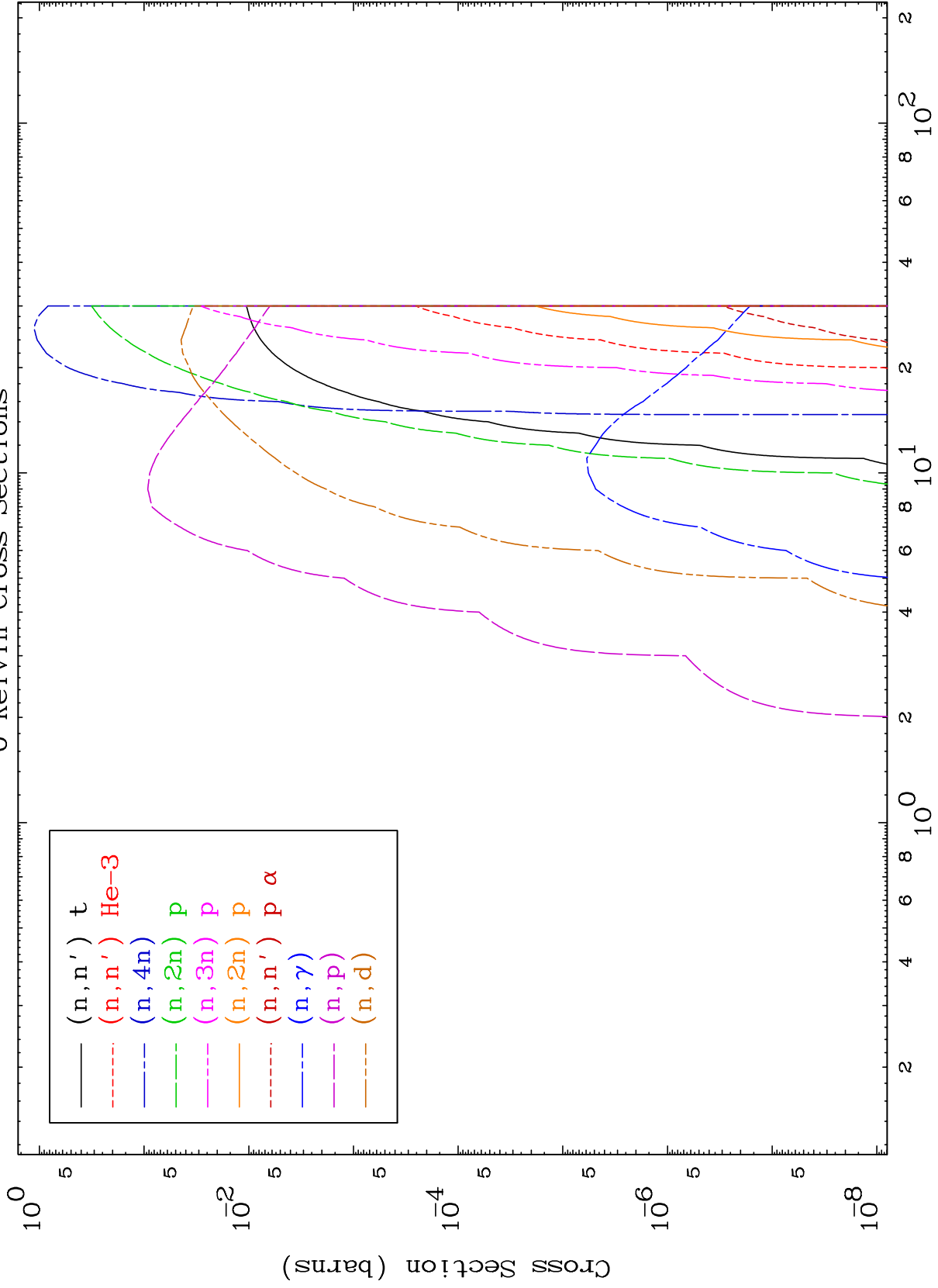
60-Nd-149



MAT 6046

Deuteron Neutron Absorption
0 Kelvin Cross Sections

60-Nd-149



—	(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)	

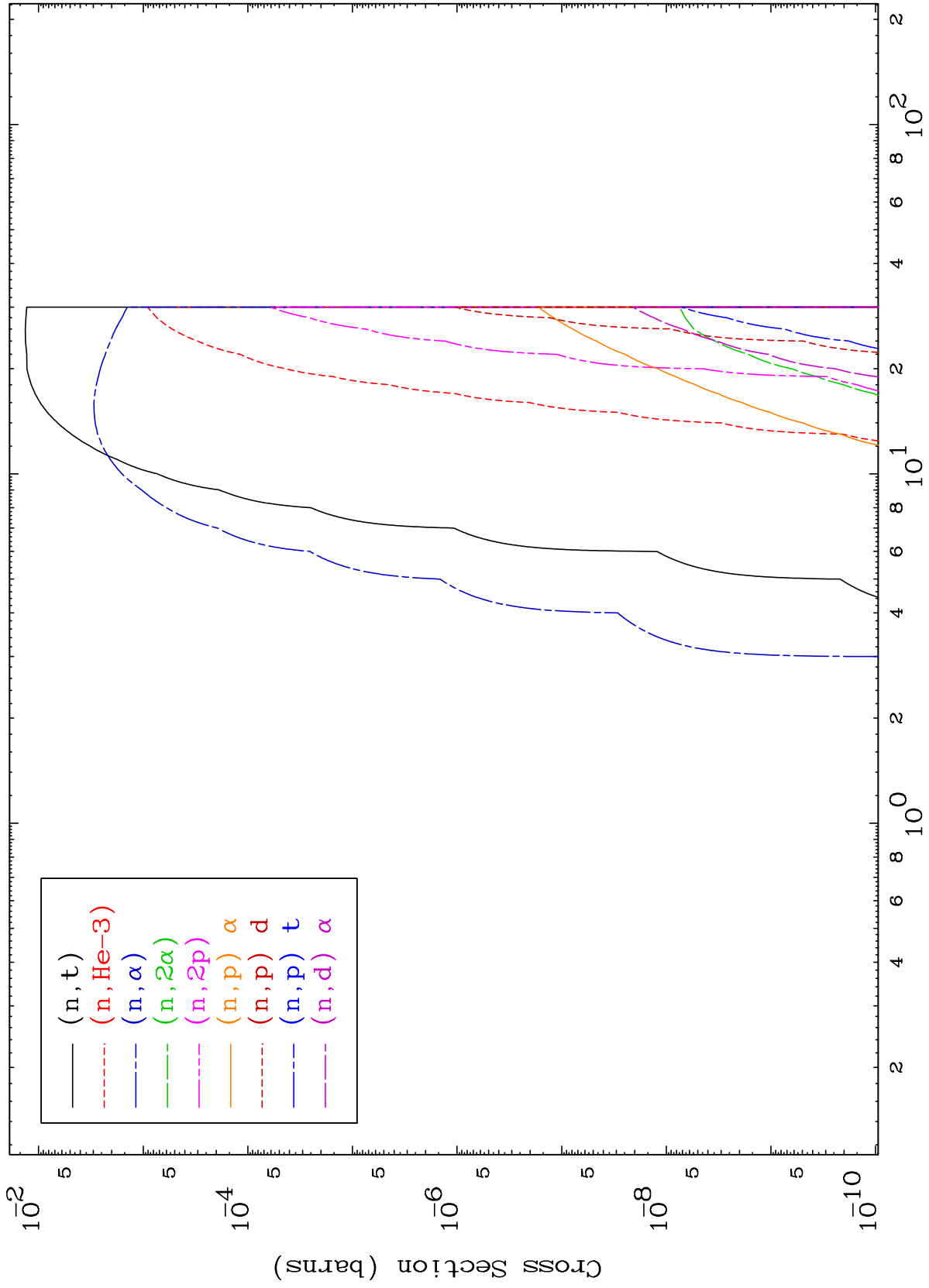
60-Nd-149

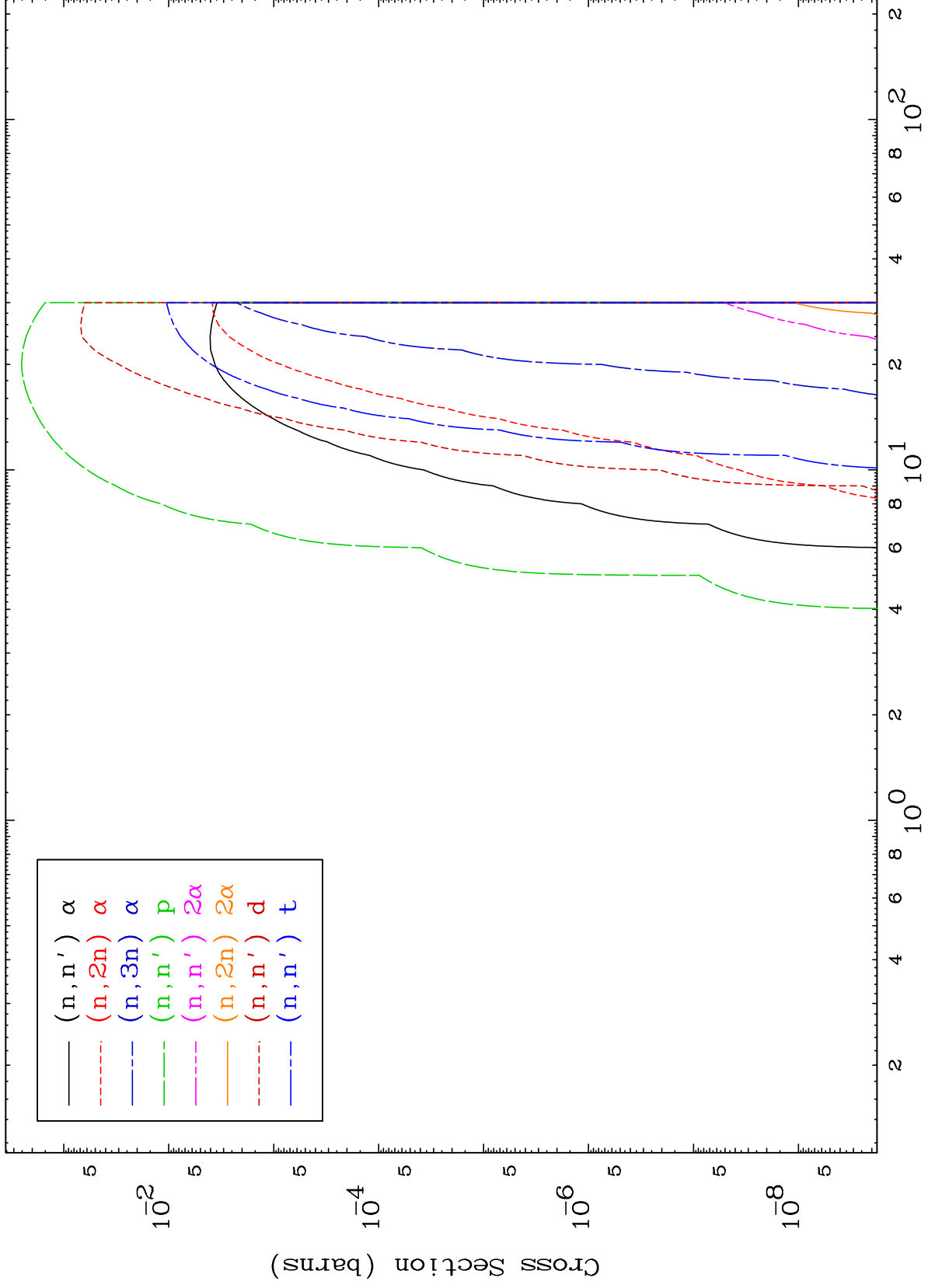
Incident Energy (MeV)

MAT 6046

Deuteron Neutron Absorption
0 Kelvin Cross Sections

60-Nd-149

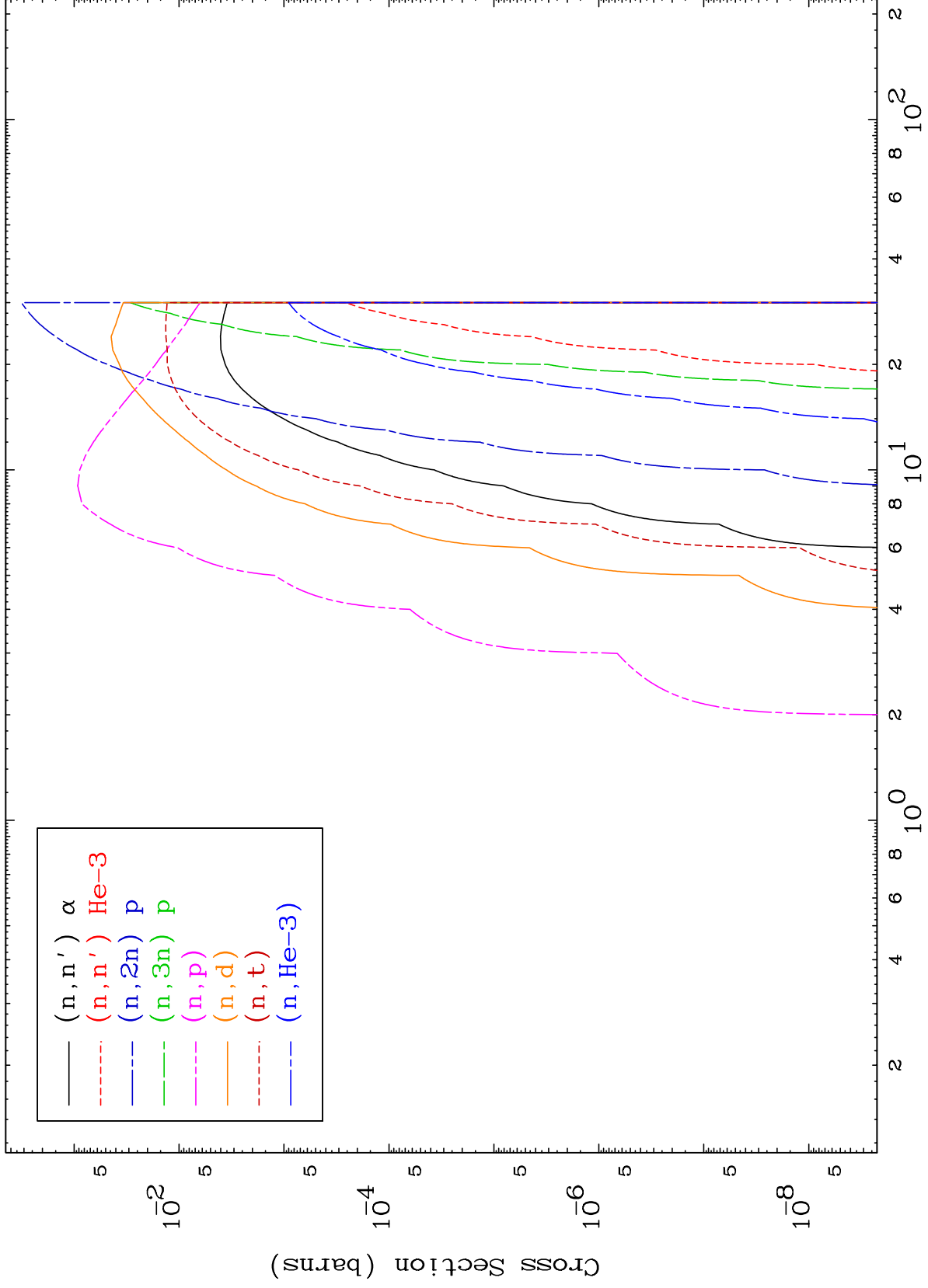




MAT 6046

Deuteron Charged Particle
0 Kelvin Cross Sections

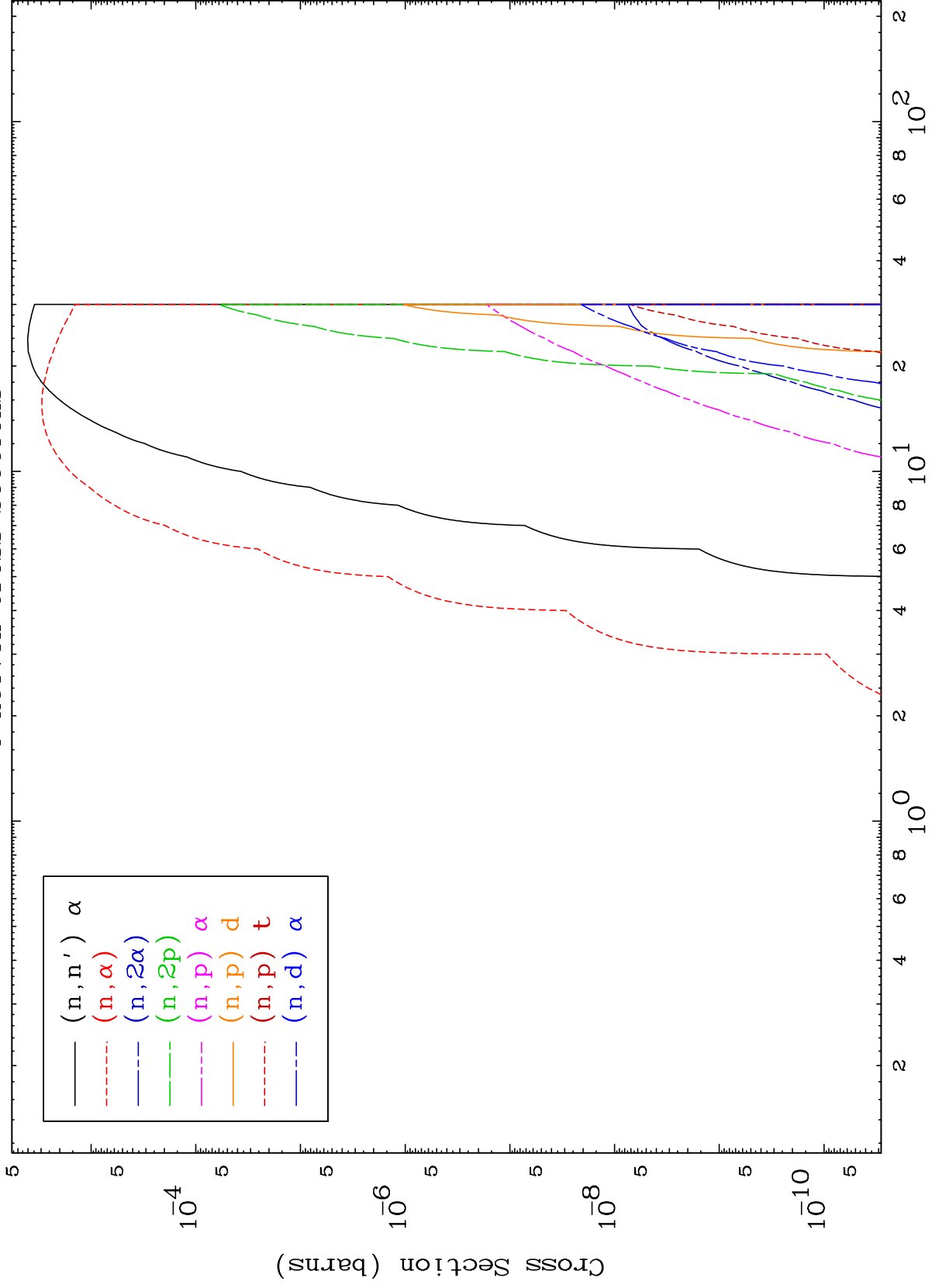
60-Nd-149



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Deuteron Charged Particle
0 Kelvin Cross Sections

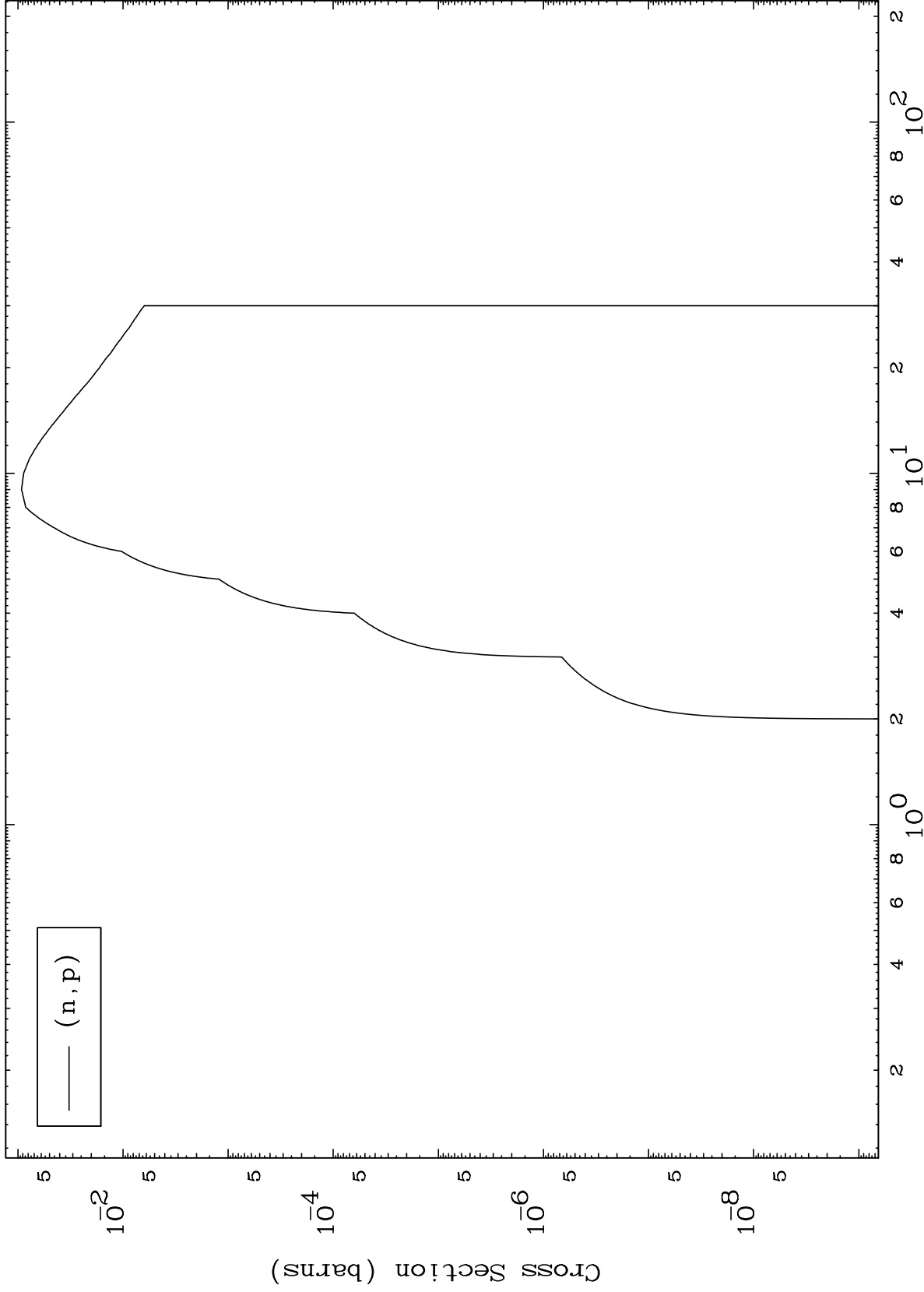
60-Nd-149



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(d,p) Levels
0 Kelvin Cross Sections

60-Nd-149

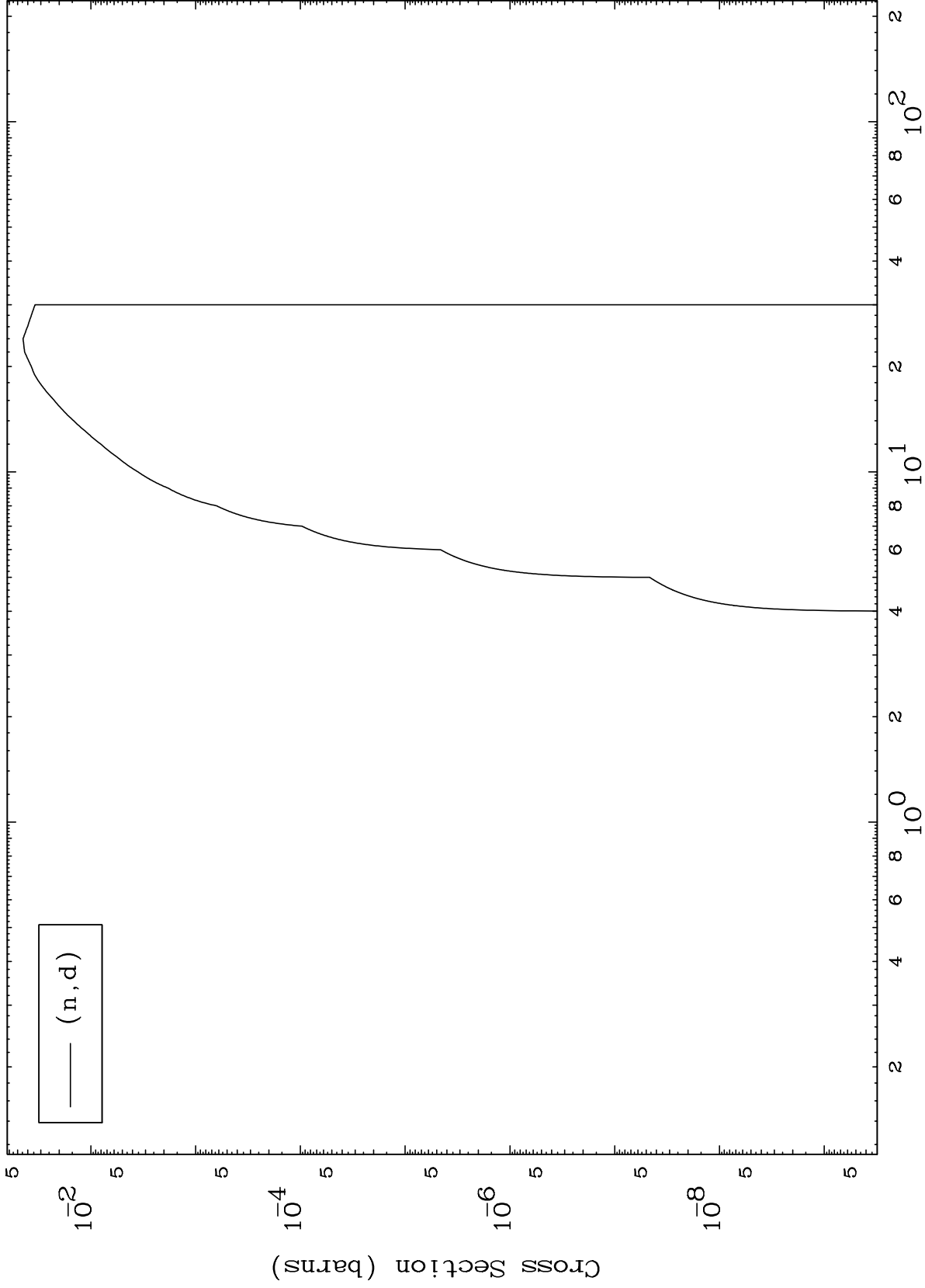


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(d,d) Levels

60-Nd-149

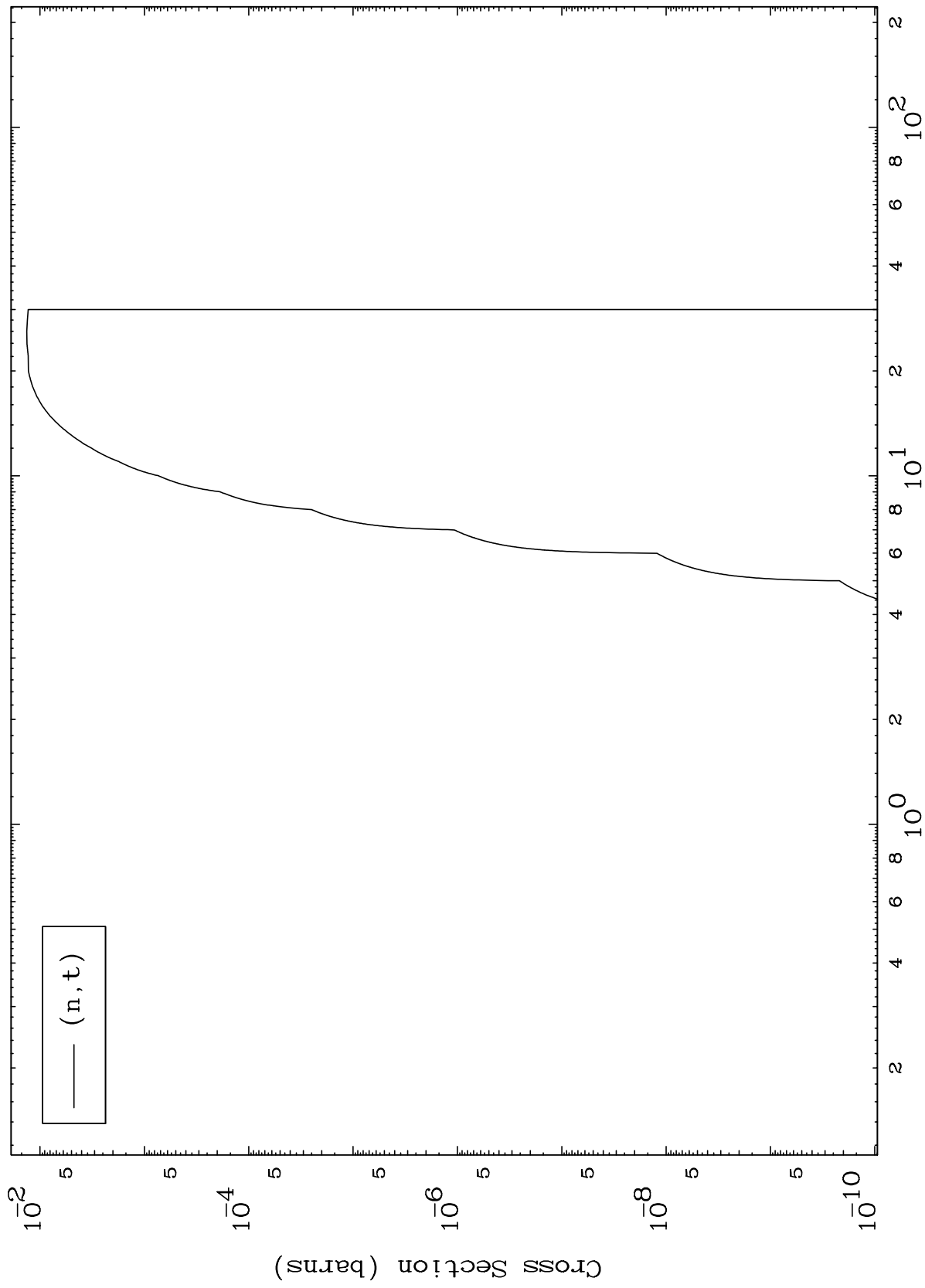
0 Kelvin Cross Sections



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60-Nd-149

(d,t) Levels
0 Kelvin Cross Sections



60-Nd-149

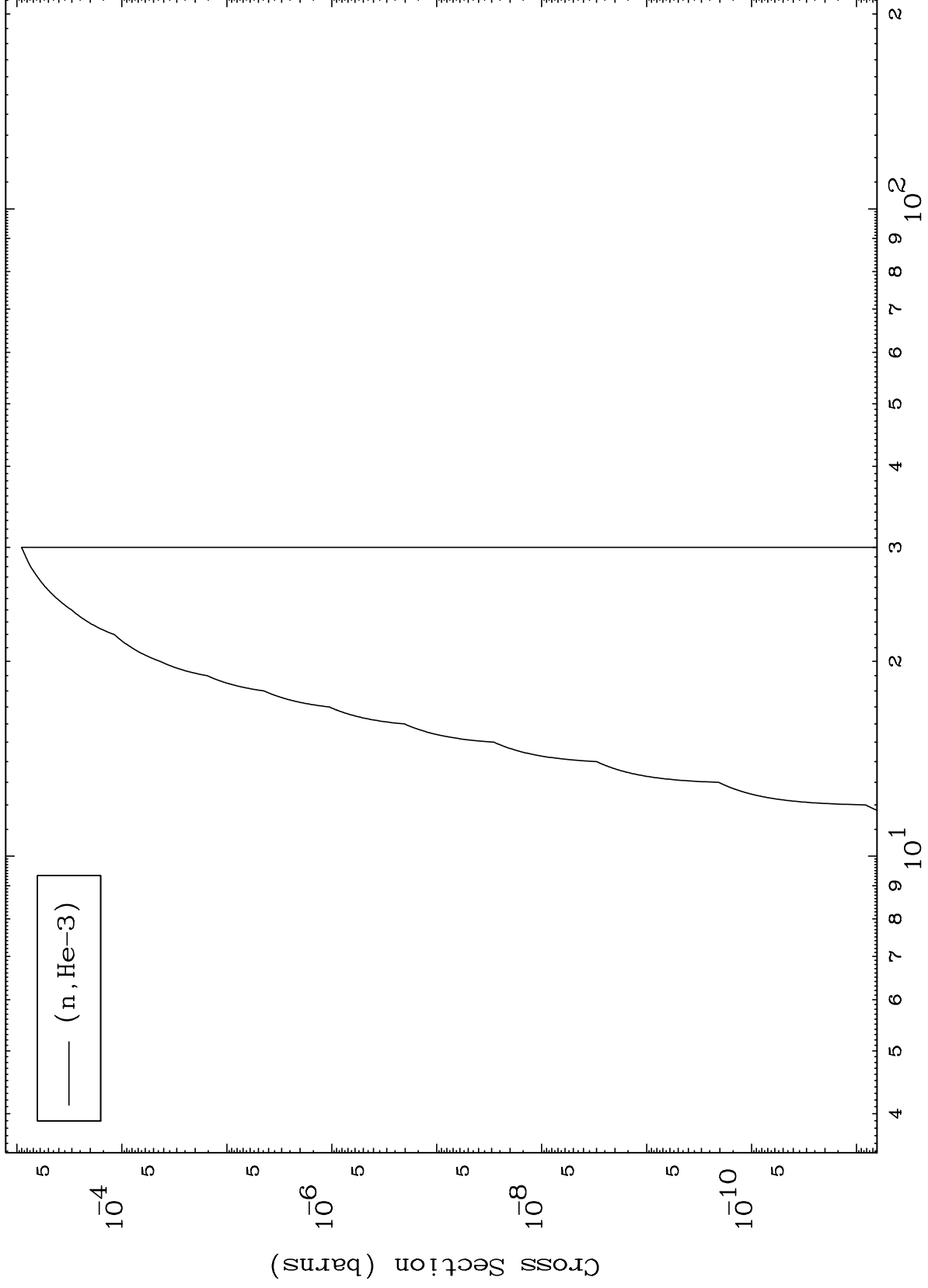
Incident Energy (MeV)

10

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(d,He3) Levels
0 Kelvin Cross Sections

60-Nd-149



11

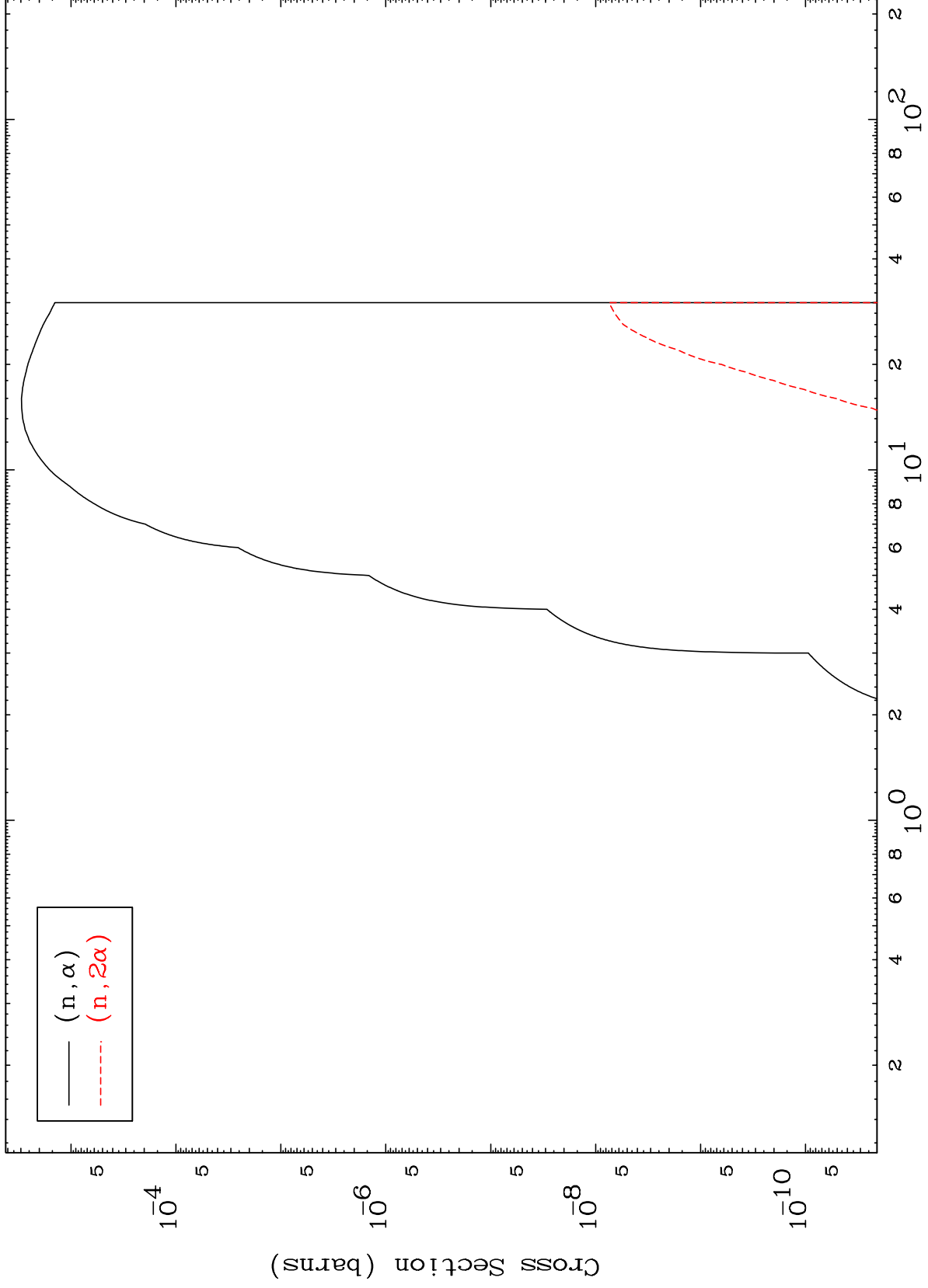
Incident Energy (MeV)

60-Nd-149

MAT 6046

(d, α) Levels
0 Kelvin Cross Sections

60-Nd-149

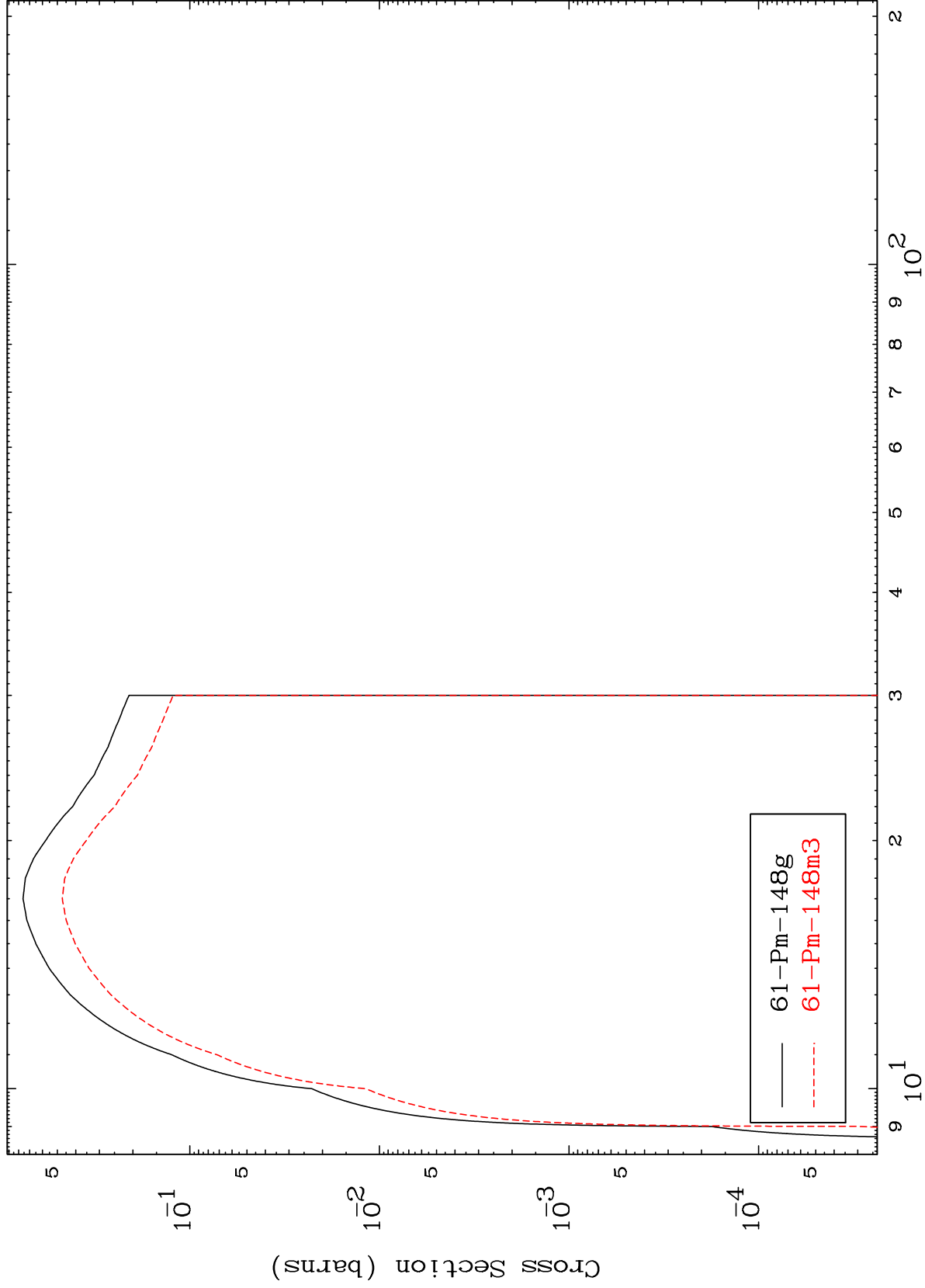


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(n,3n)

60-Nd-149

Radionuclide Production Cross Section



13

Incident Energy (MeV)

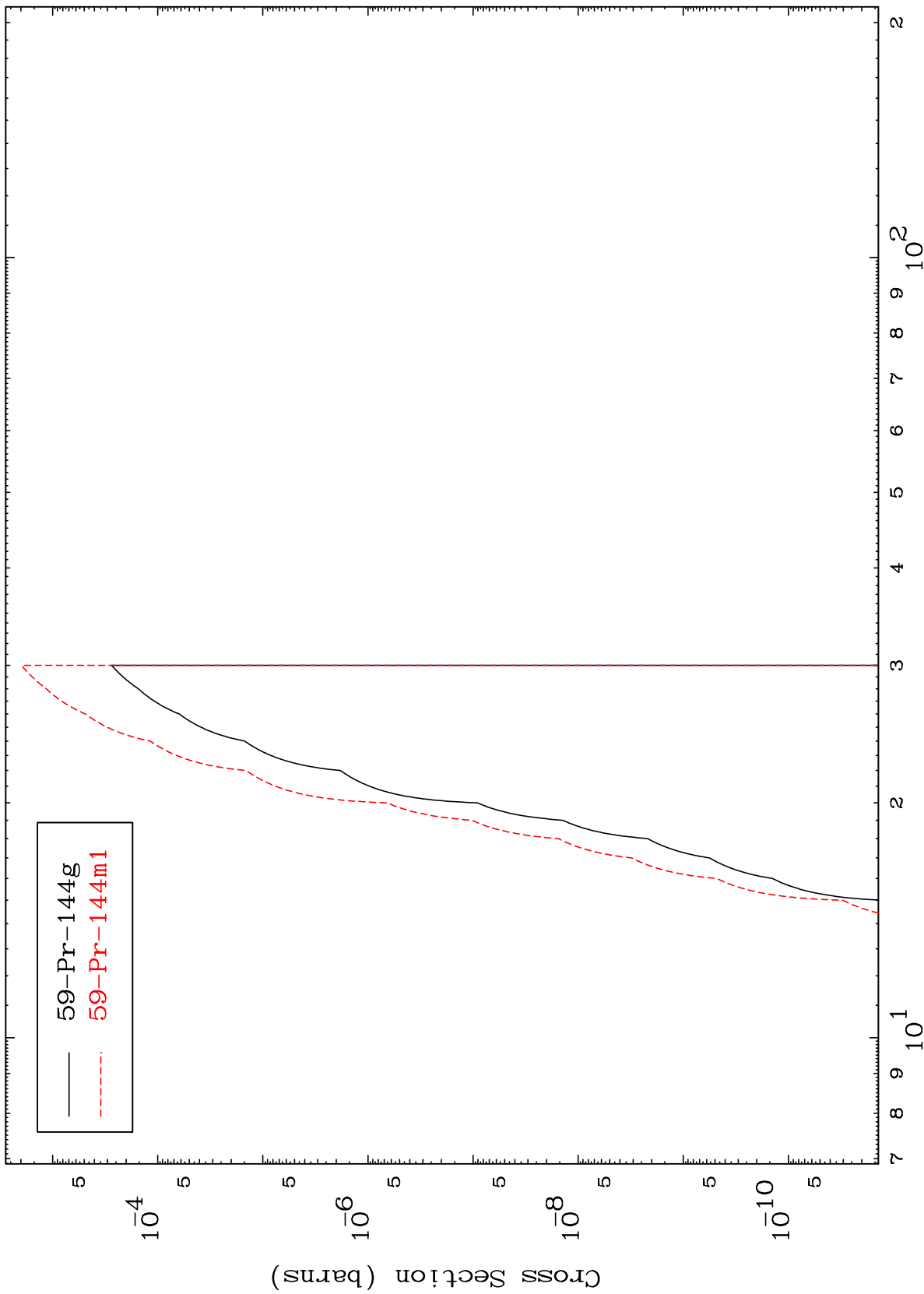
60-Nd-149

MAT 6046

(n,3n) α

60-Nd-149

Radionuclide Production Cross Section



14

Incident Energy (MeV)

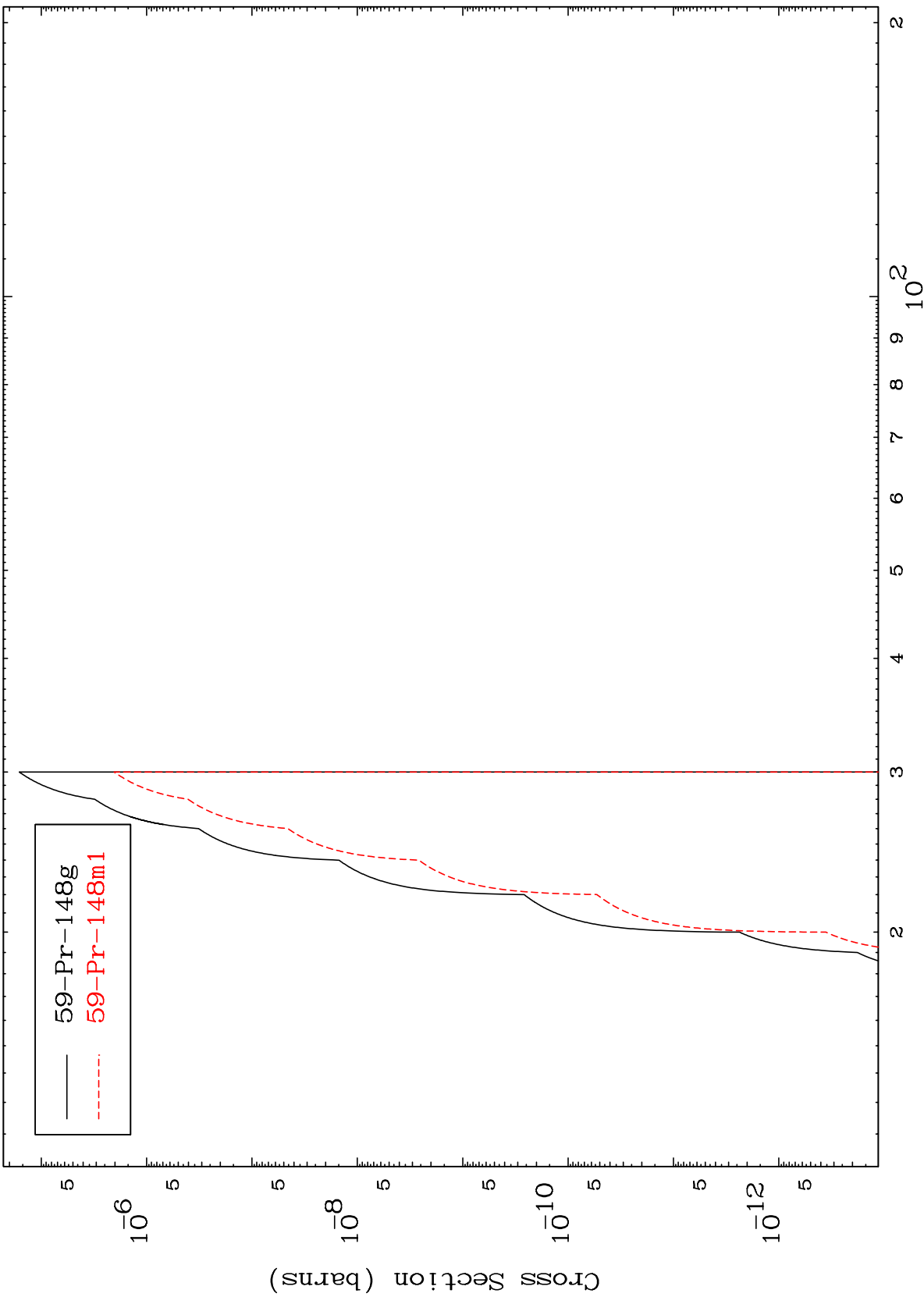
60-Nd-149

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(n,2n) p

60-Nd-149

Radionuclide Production Cross Section



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

15

Incident Energy (MeV)

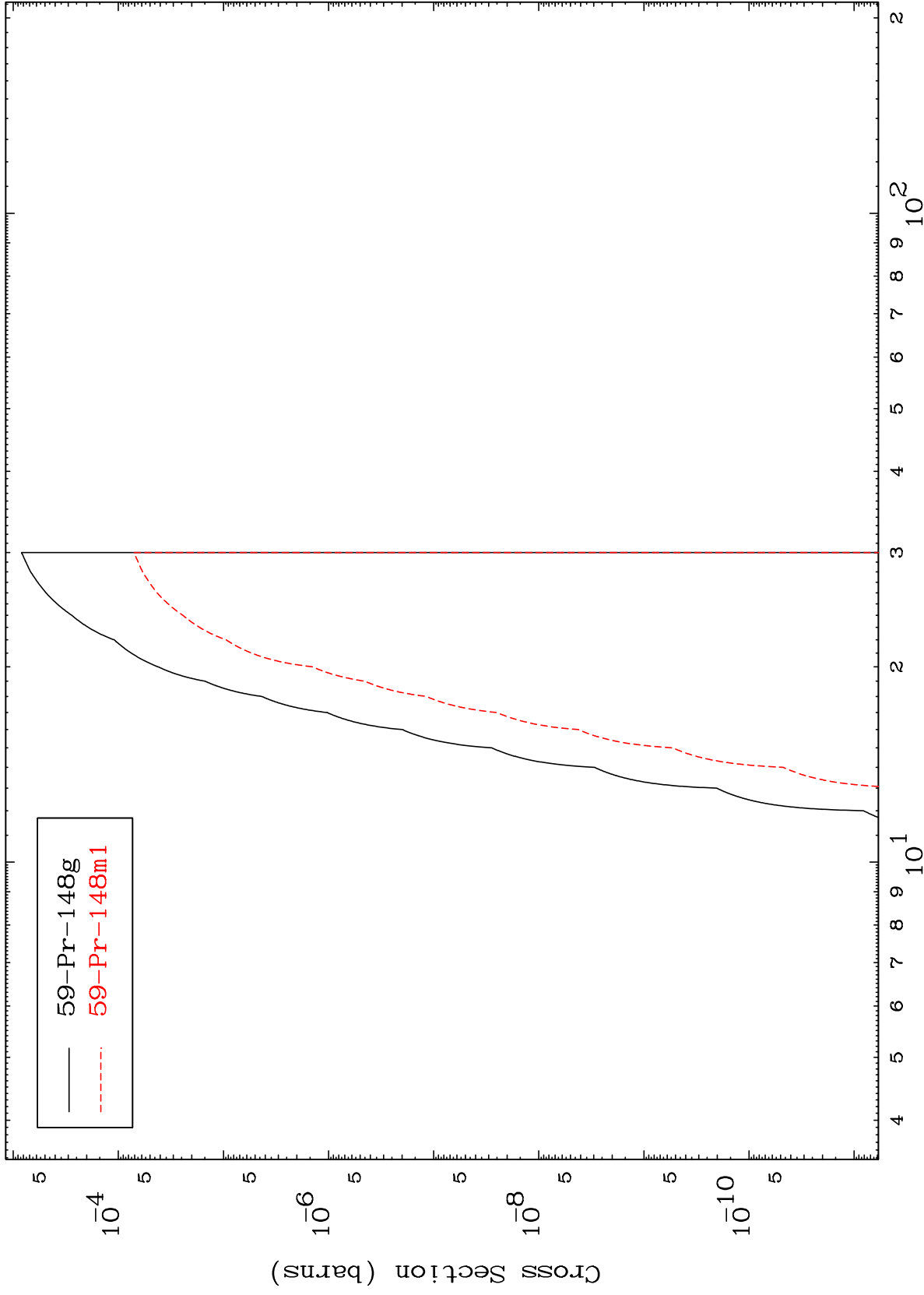
60-Nd-149

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(n,He-3)

60-Nd-149

Radionuclide Production Cross Section



16

Incident Energy (MeV)

60-Nd-149

