

Program EVALPLOT
(Version 2021-1)

by

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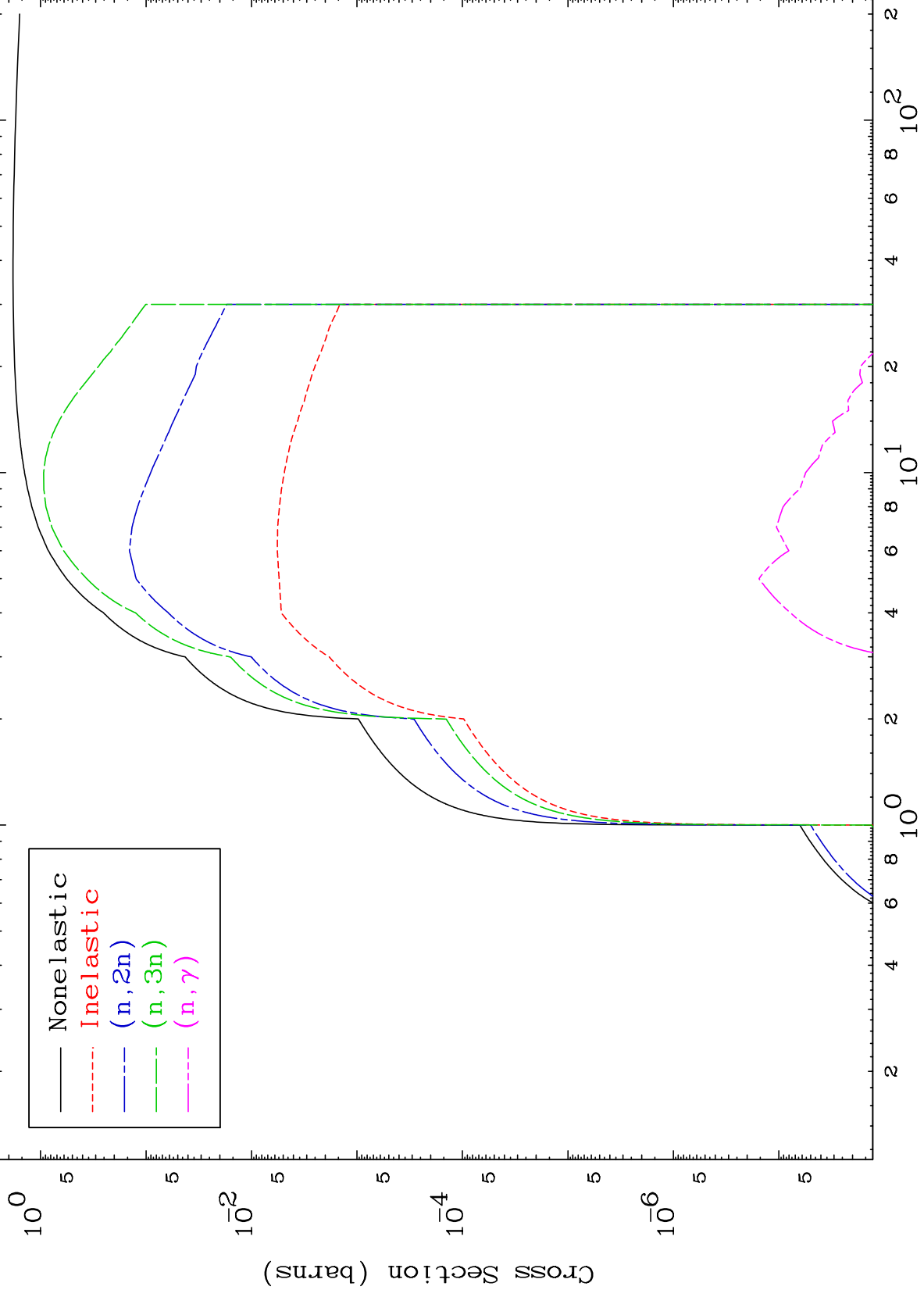
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2753

Deuteron Major
0 Kelvin Cross Sections

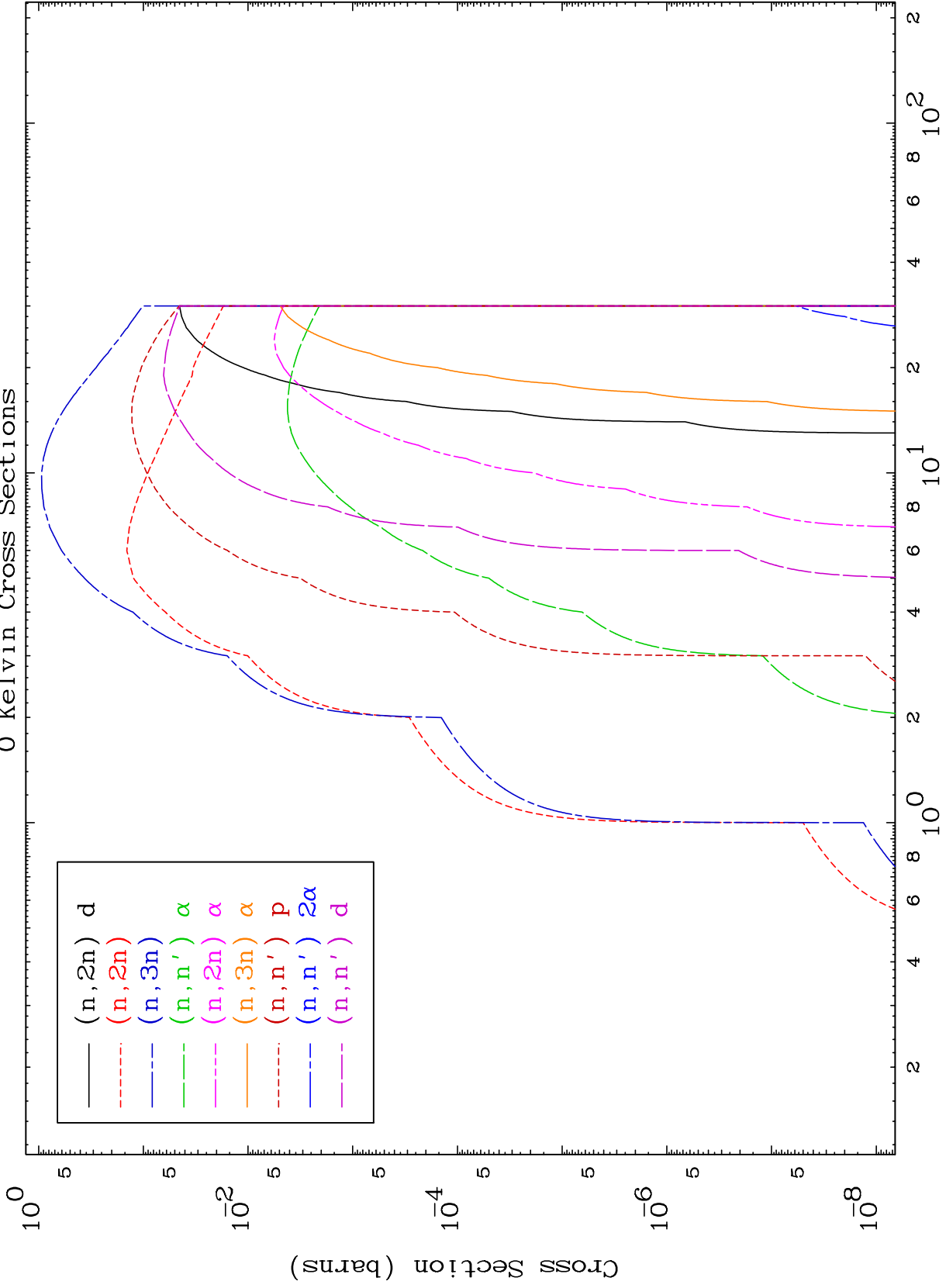
27-Co-68m



MAT 2753

Deuteron Neutron Absorption
0 Kelvin Cross Sections

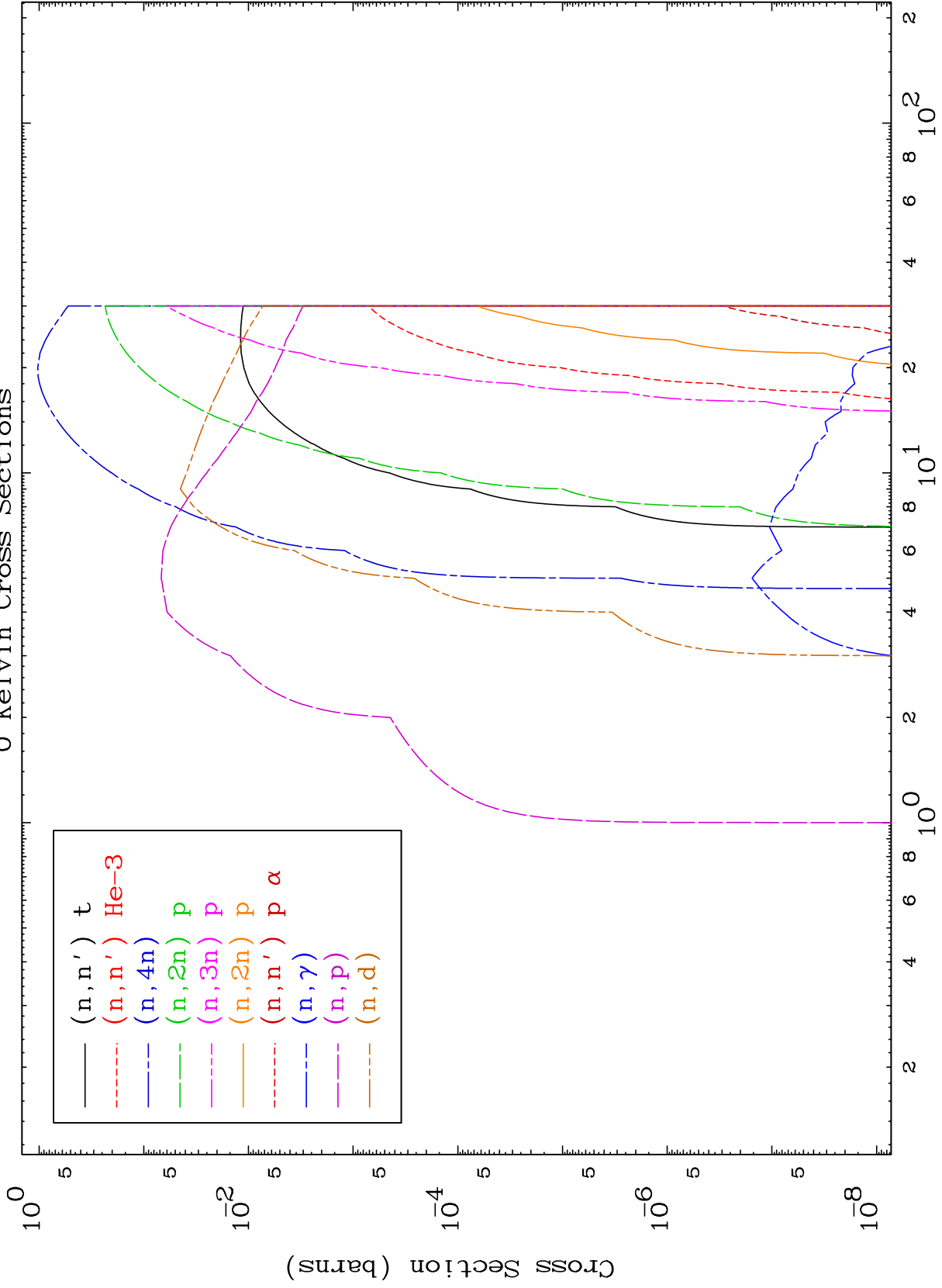
27-Co-68m



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Deuteron Neutron Absorption
0 Kelvin Cross Sections

27-Co-68m



—	(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)	

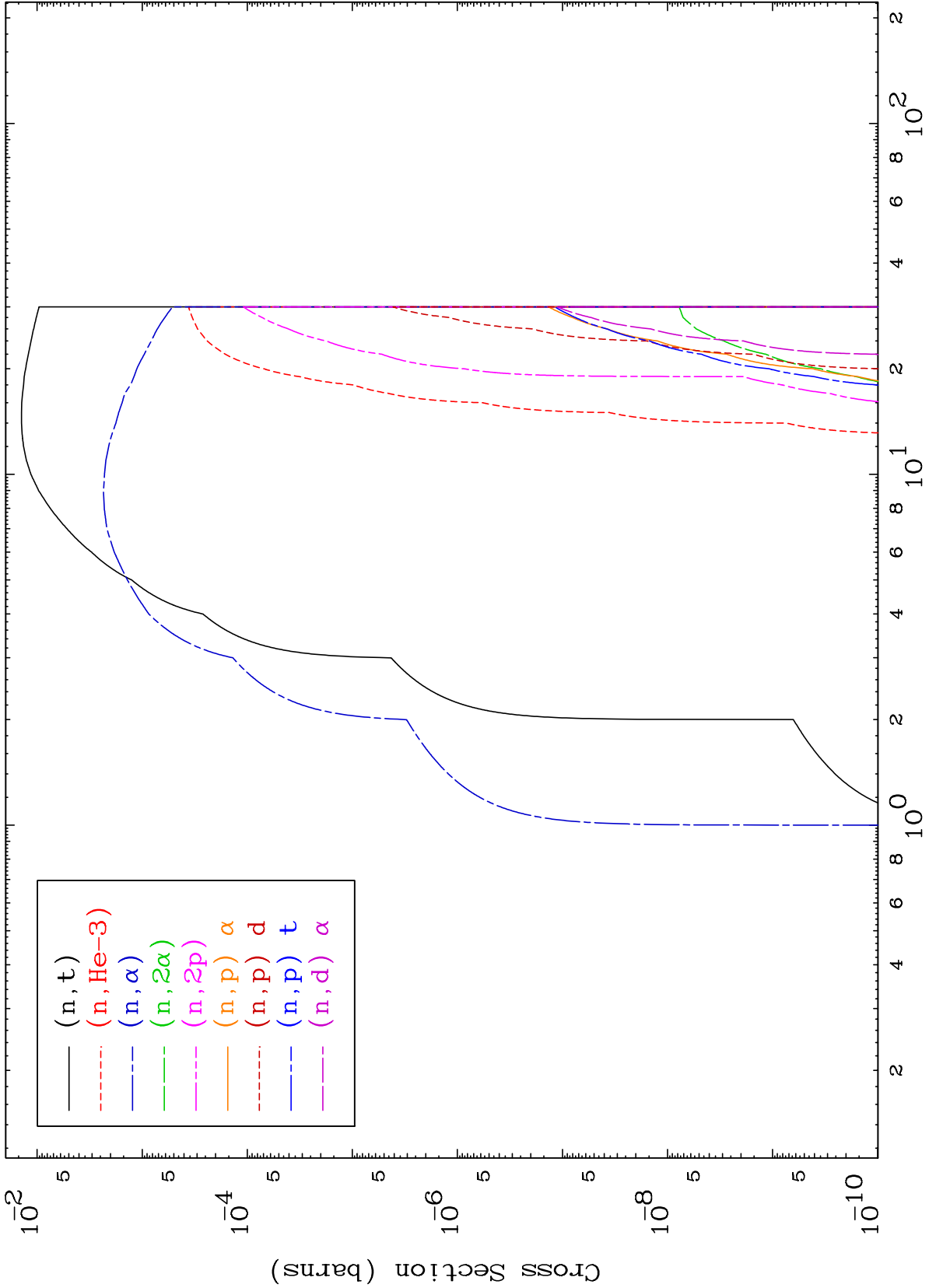
27-Co-68m

Incident Energy (MeV)

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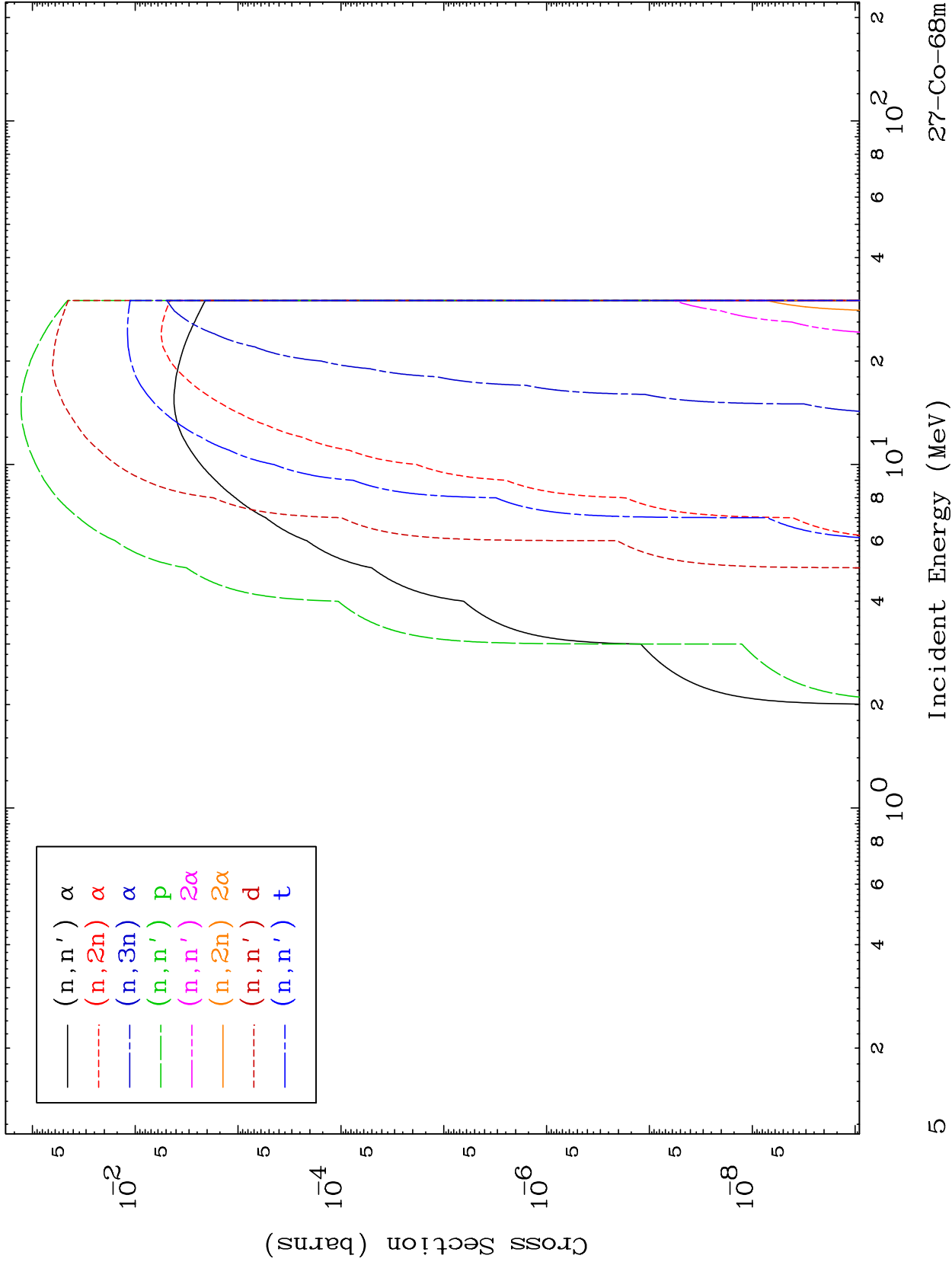
Deuteron Neutron Absorption
0 Kelvin Cross Sections

27-Co-68m



27-Co-68m

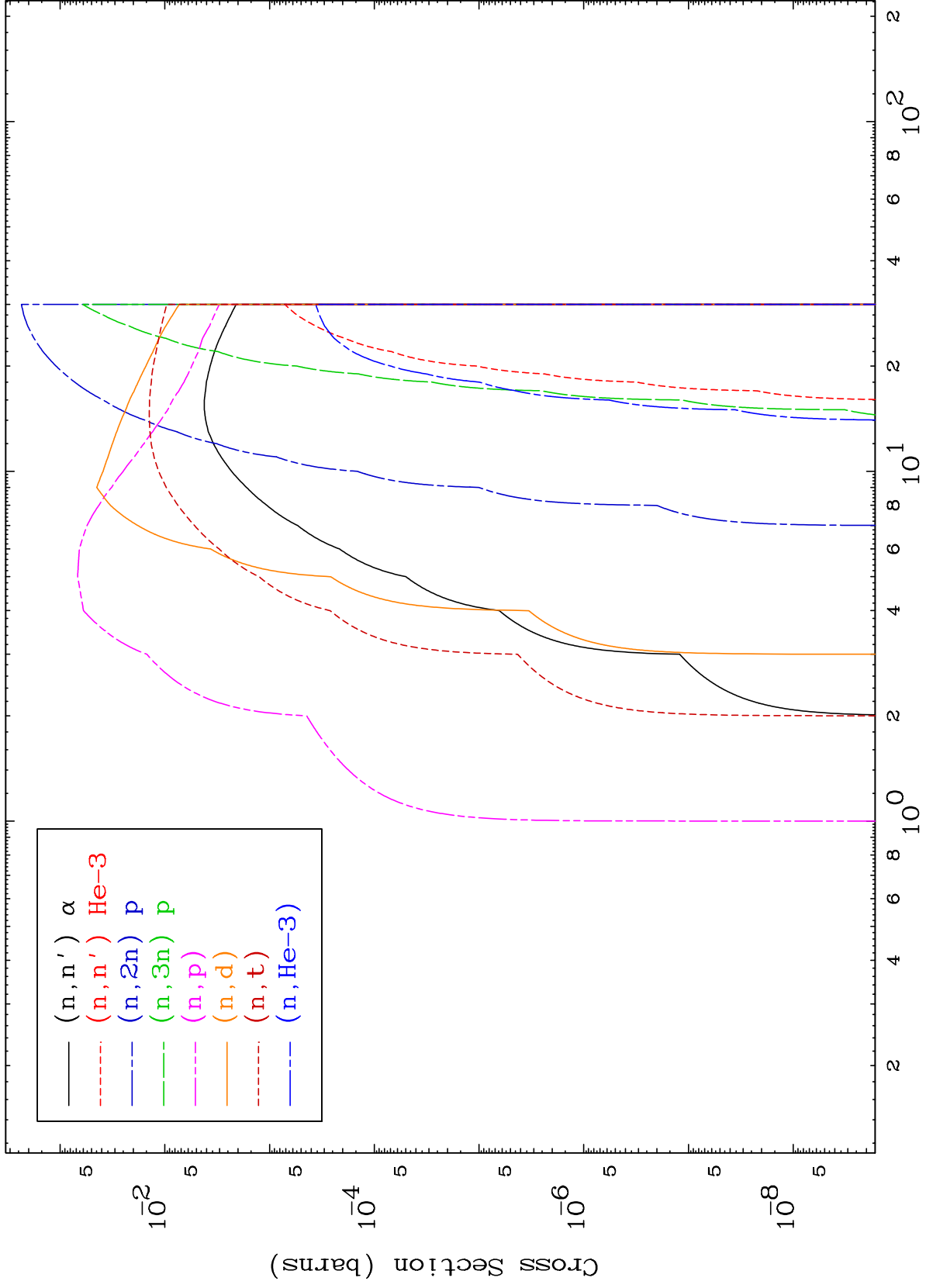
Incident Energy (MeV)



MAT 2753

Deuteron Charged Particle
0 Kelvin Cross Sections

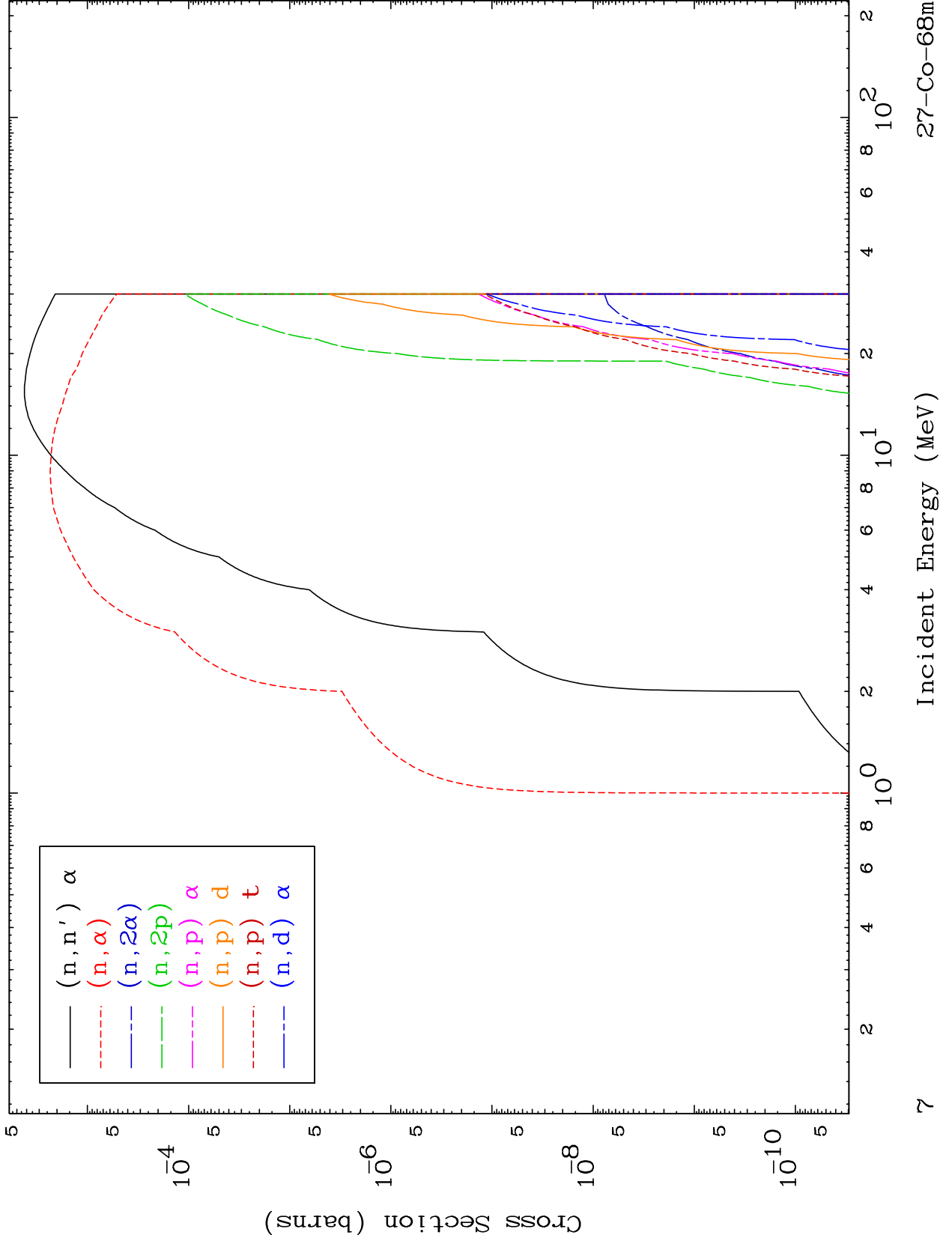
27-Co-68m



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Deuteron Charged Particle
0 Kelvin Cross Sections

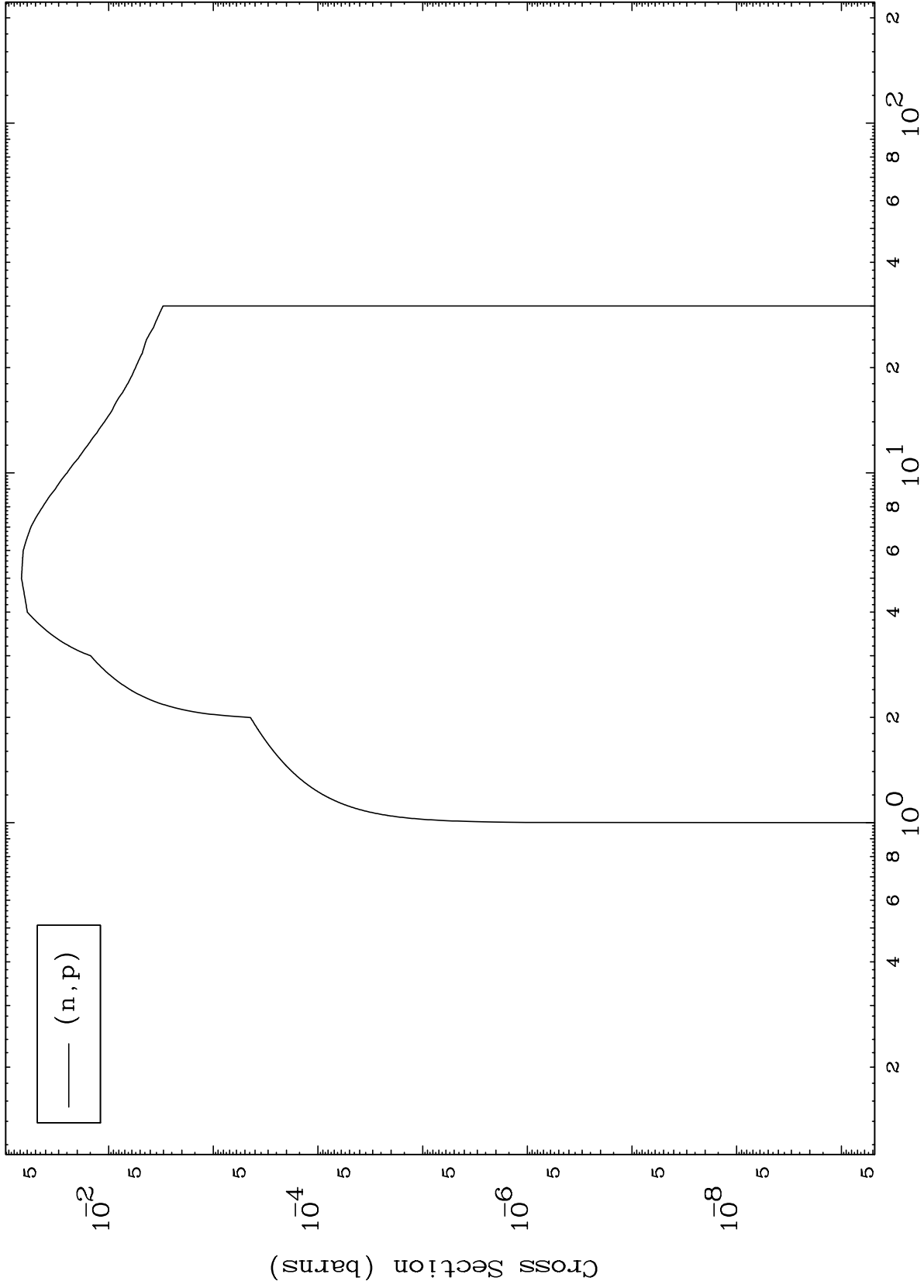
27-Co-68m



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27-Co-68m

(d,p) Levels
0 Kelvin Cross Sections



8

Incident Energy (MeV)

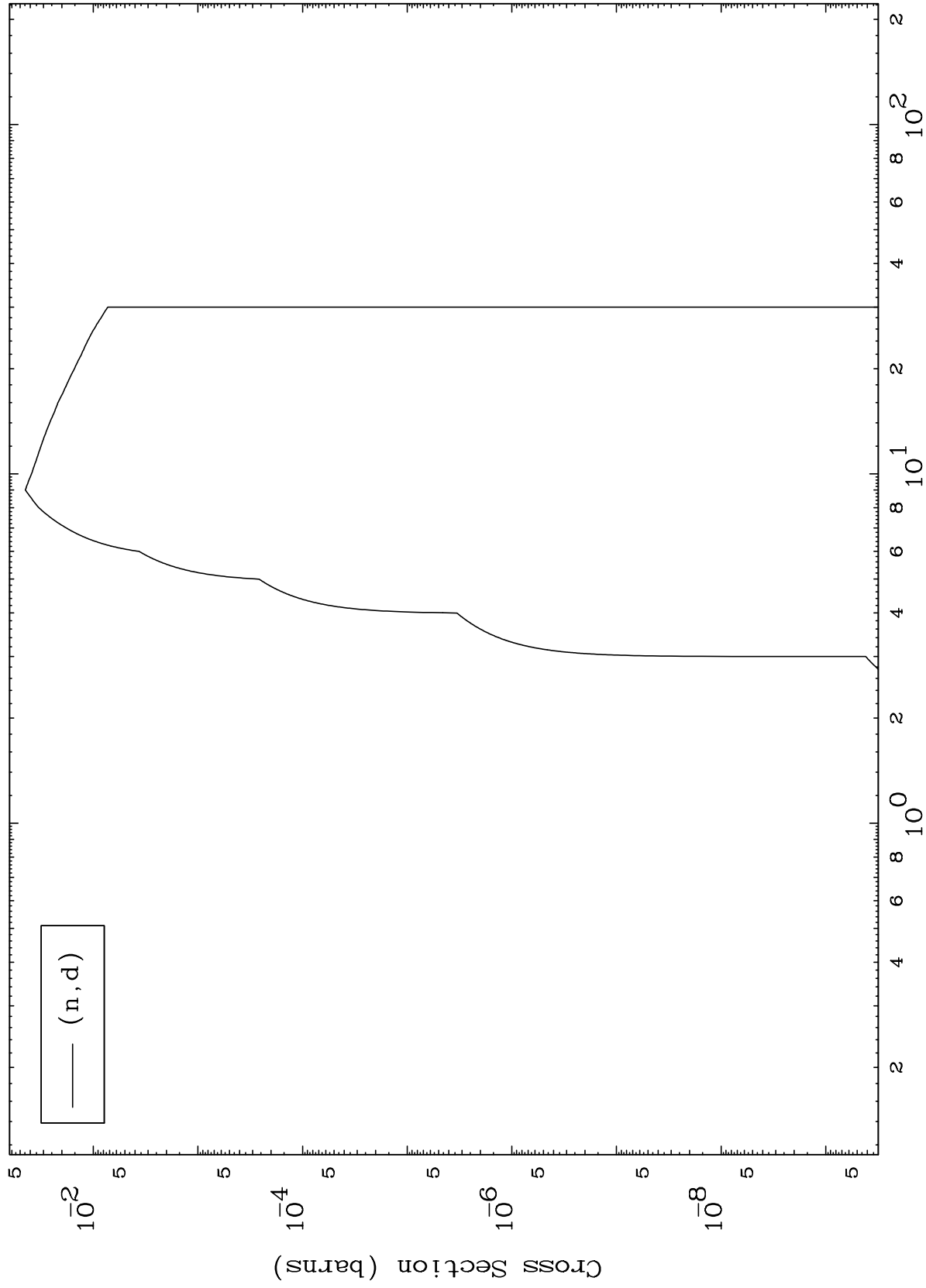
27-Co-68m

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(d,d) Levels

27-Co-68m

0 Kelvin Cross Sections

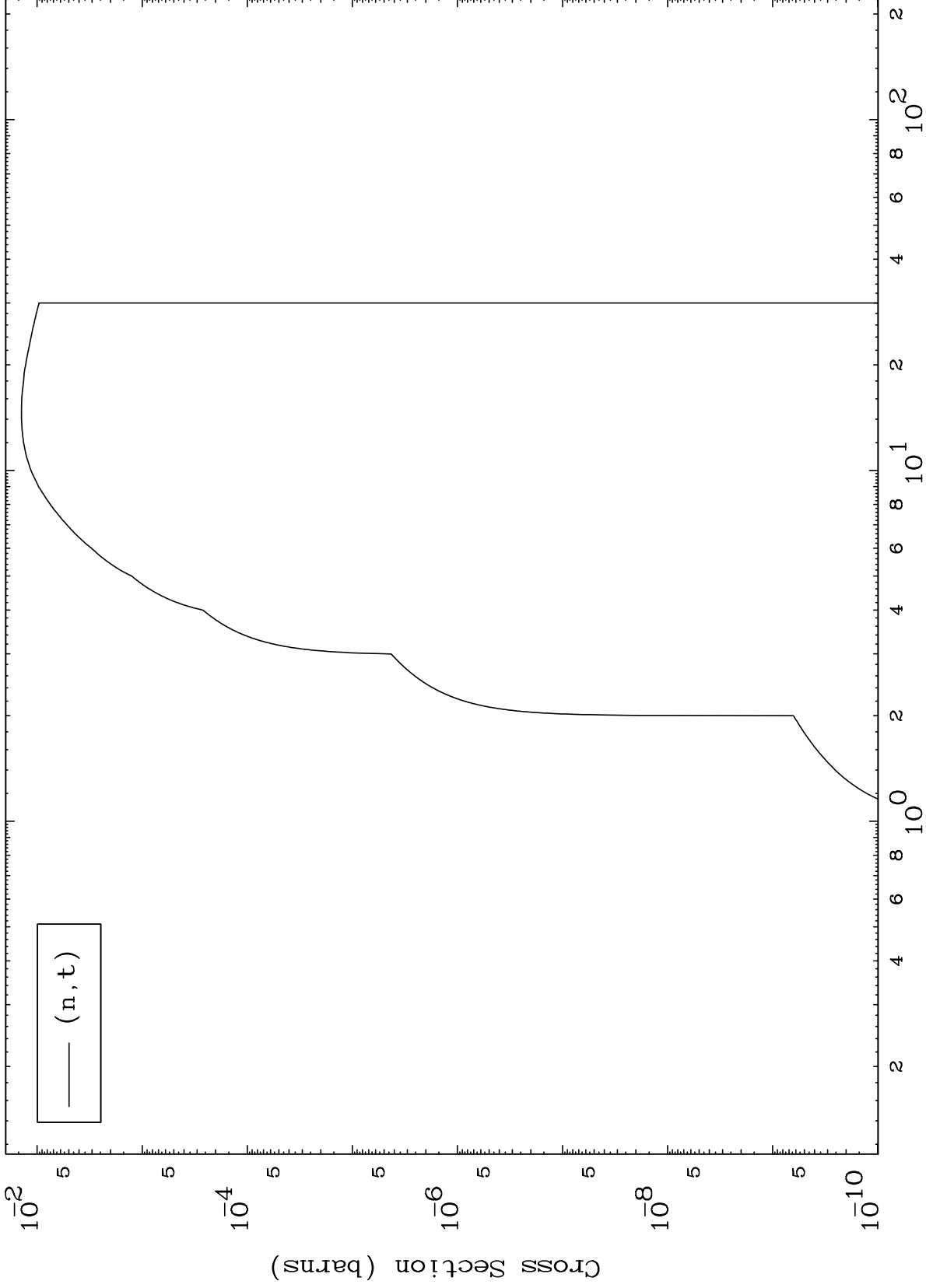


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(d, t) Levels

27-Co-68m

0 Kelvin Cross Sections



10

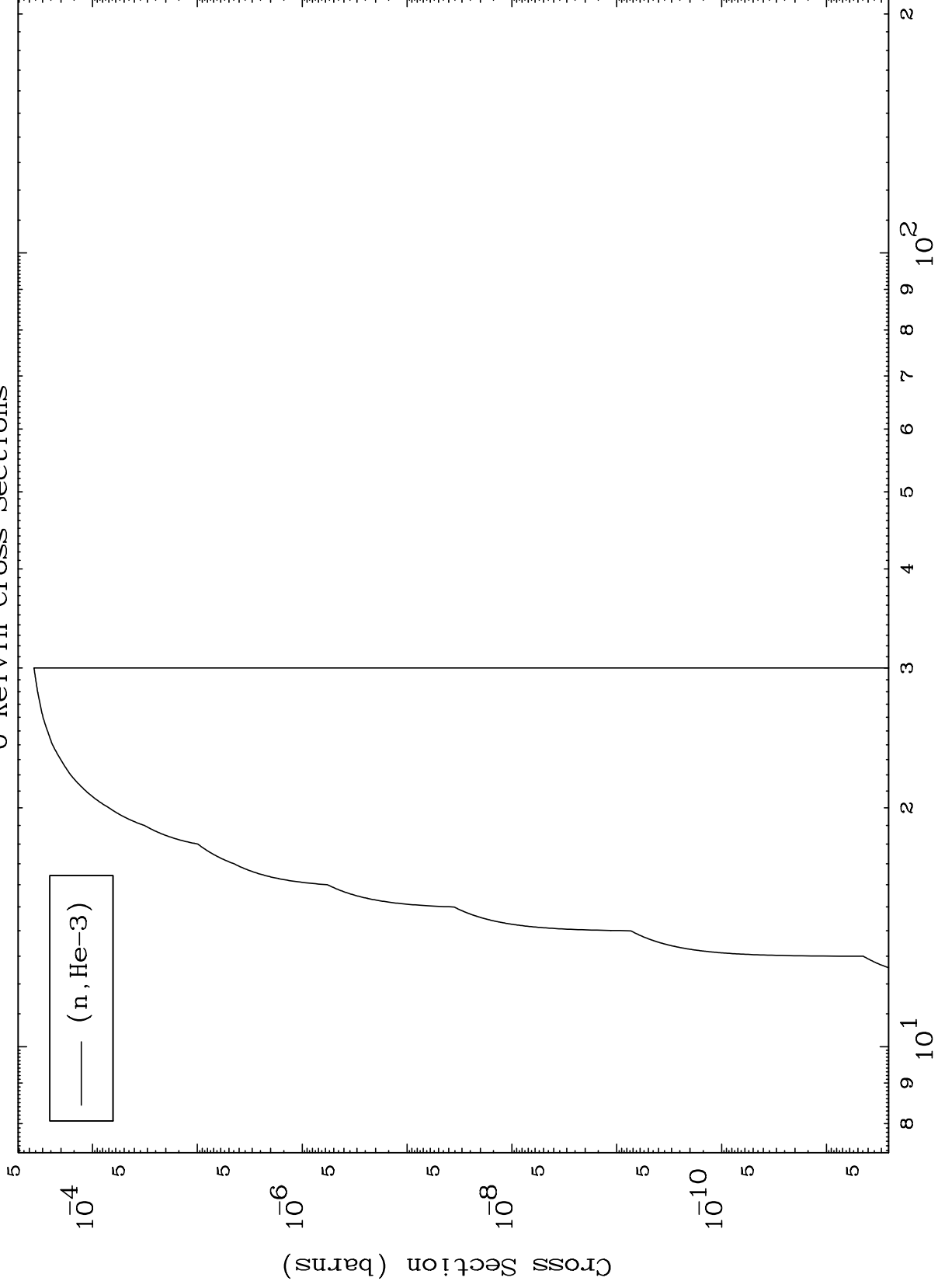
Incident Energy (MeV)

27-Co-68m

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(d,He3) Levels
0 Kelvin Cross Sections

27-Co-68m



11

Incident Energy (MeV)

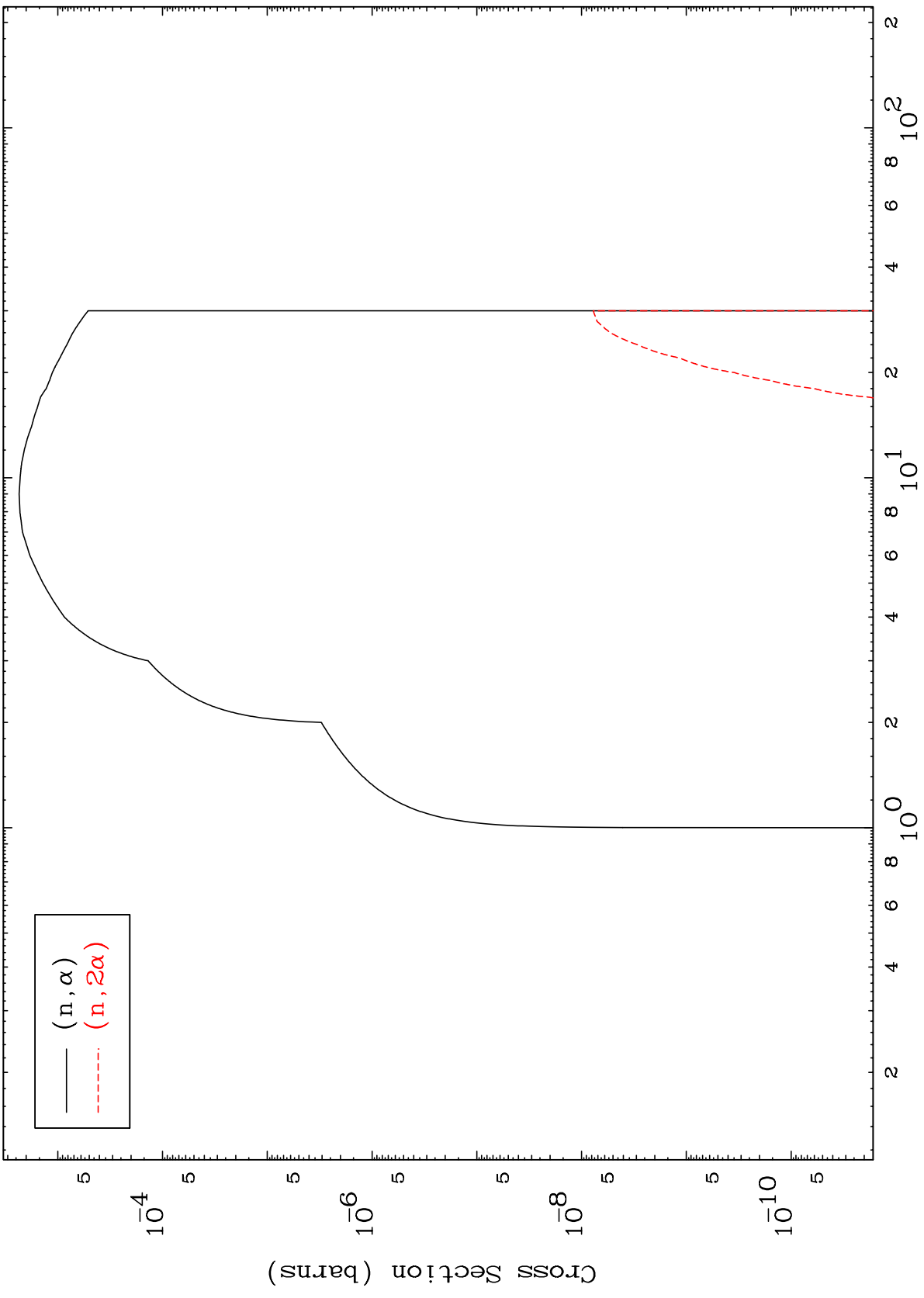
27-Co-68m

MAT 2753

(d, α) Levels

27-Co-68m

0 Kelvin Cross Sections

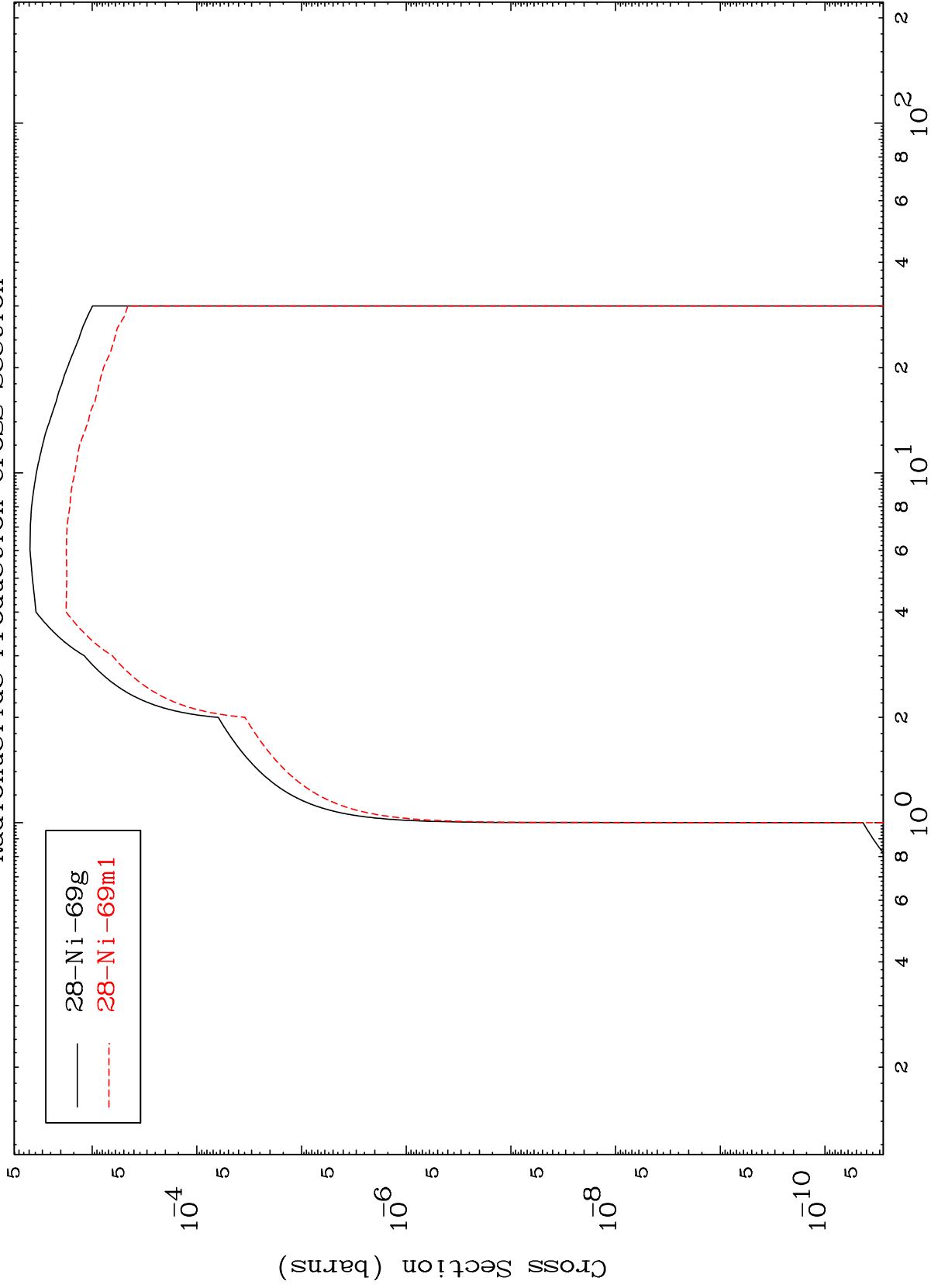


— (n, α)
- - - $(n, 2\alpha)$

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27-Co-68m

Inelastic
Radionuclide Production Cross Section



— 28-Ni-69g
- - - 28-Ni-69m1

27-Co-68m

Incident Energy (MeV)

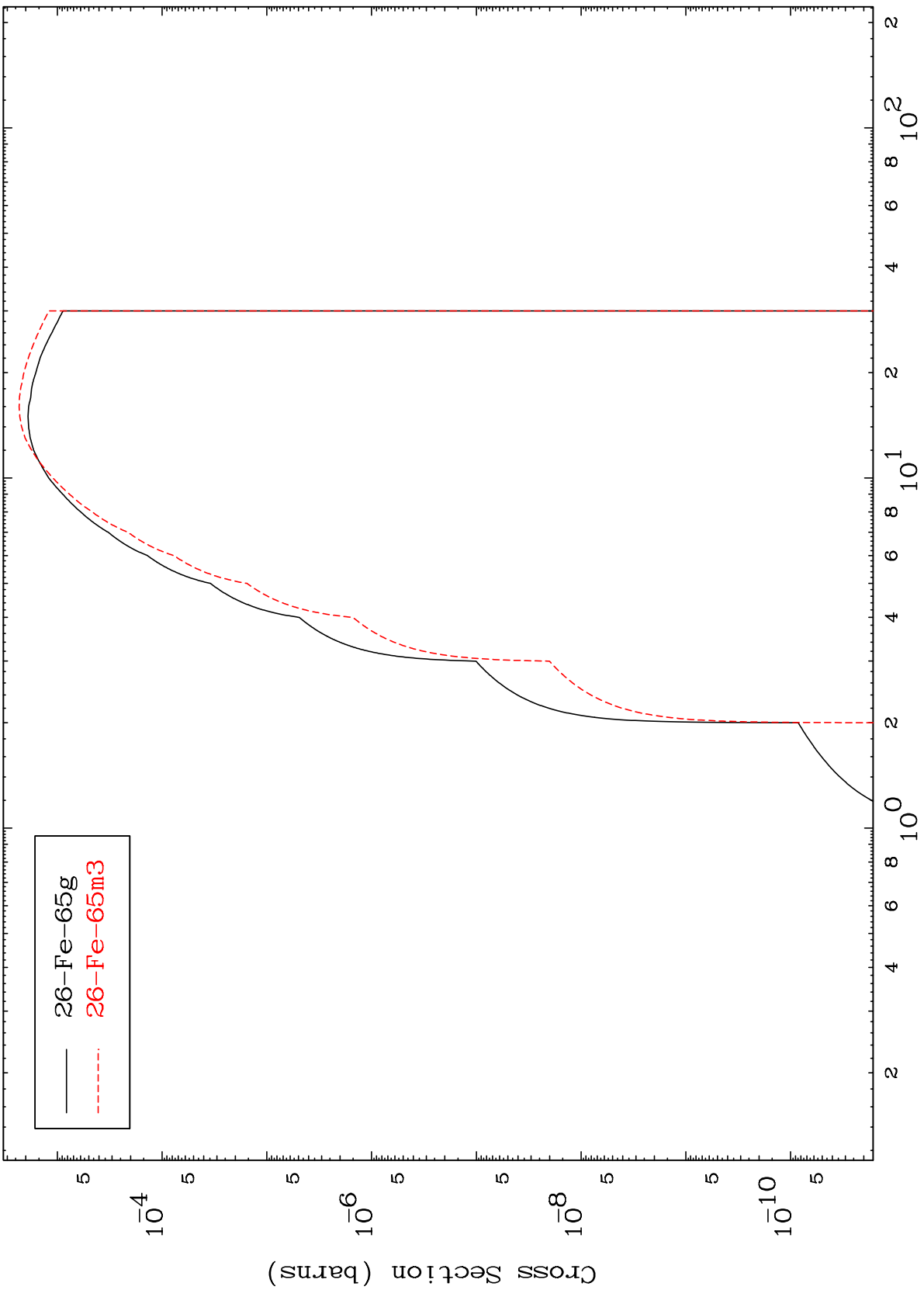
13

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$(n, n') \alpha$

$^{27}\text{Co-68m}$

Radionuclide Production Cross Section



14

Incident Energy (MeV)

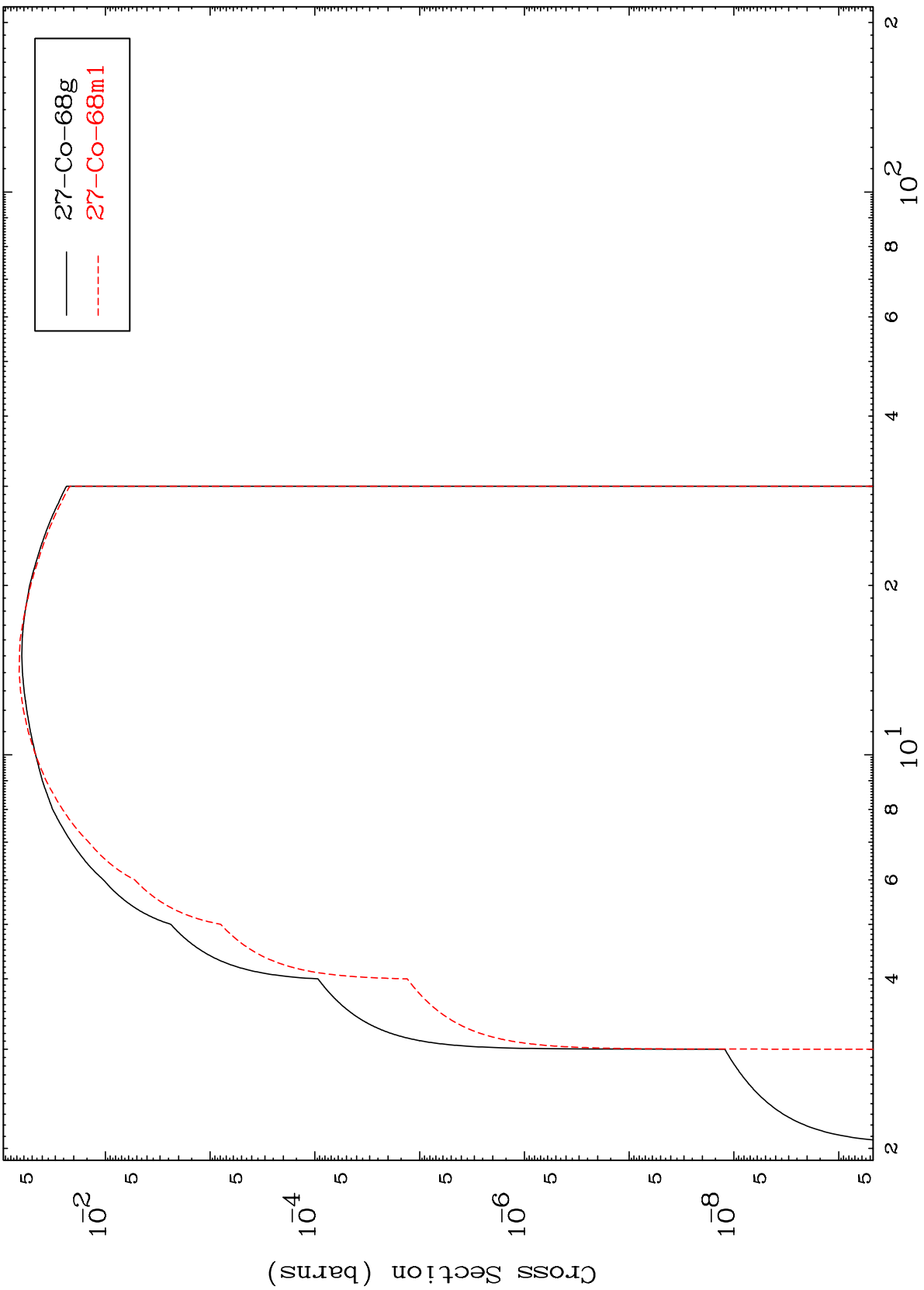
$^{27}\text{Co-68m}$

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(n,n') p

27-Co-68m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

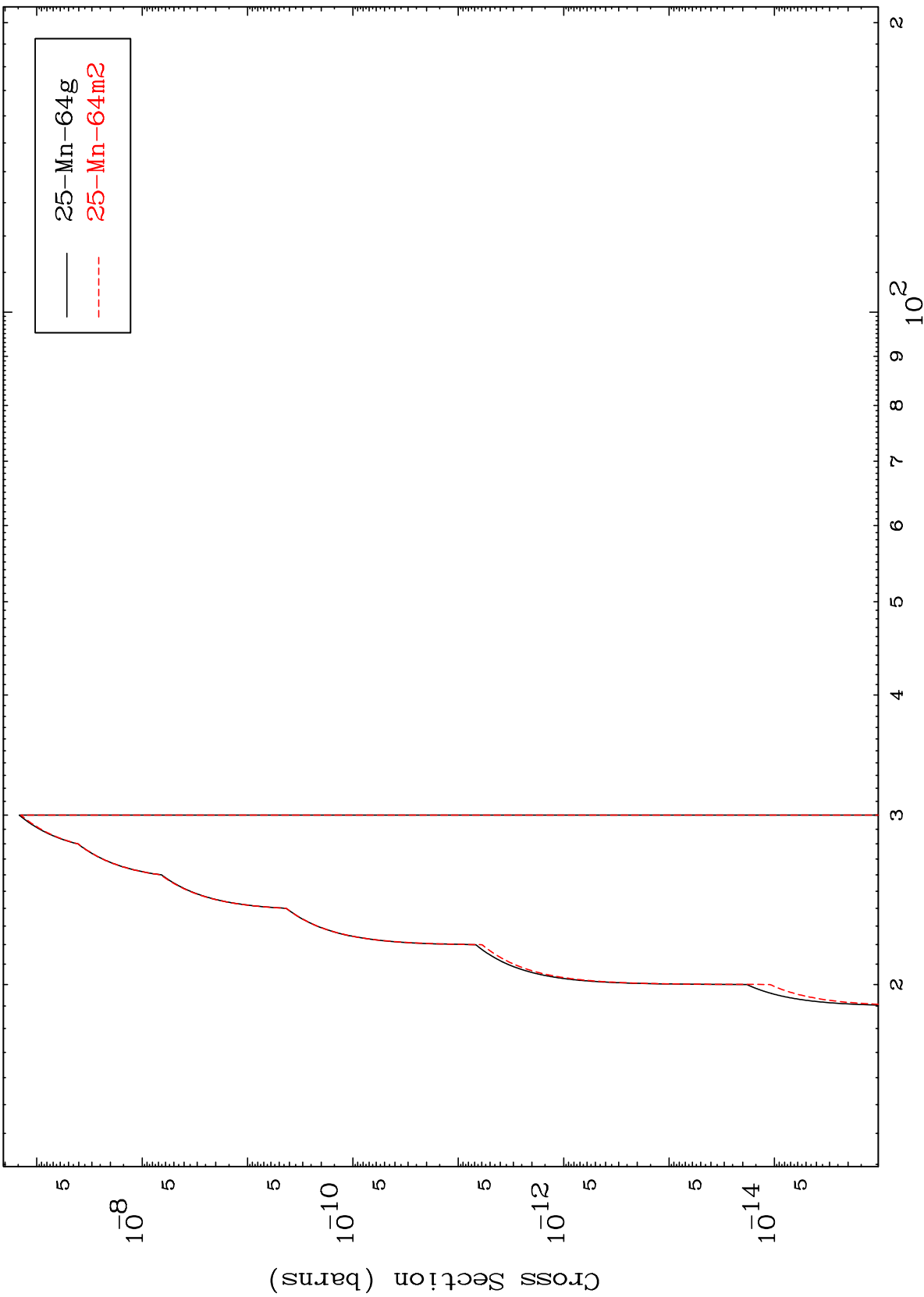
27-Co-68m

MAT 2753

(n,n') p α

27-Co-68m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

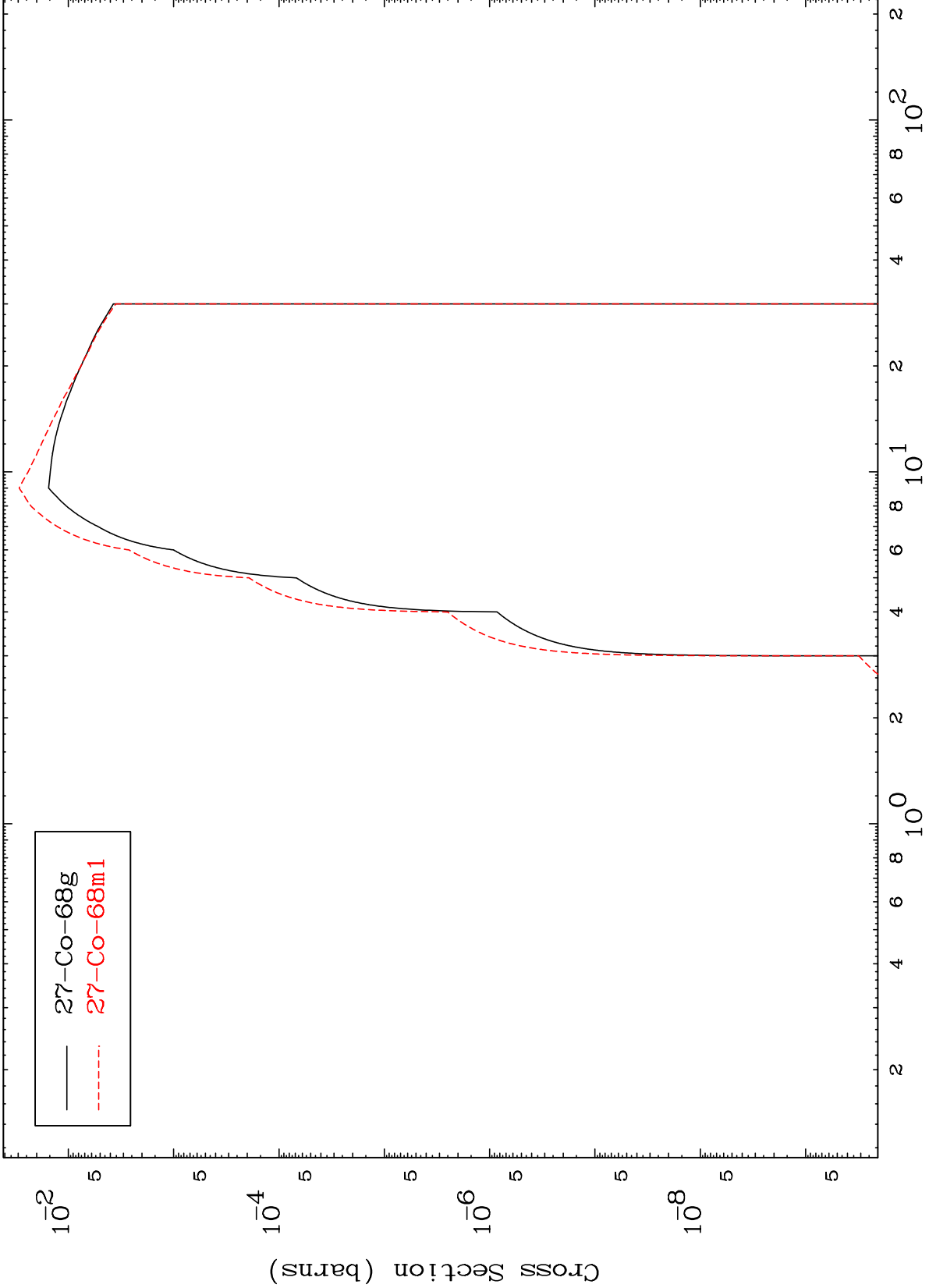
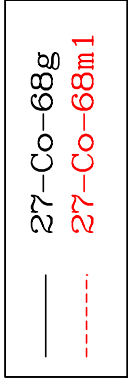
27-Co-68m

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(n,d)

²⁷Co-68m

Radionuclide Production Cross Section

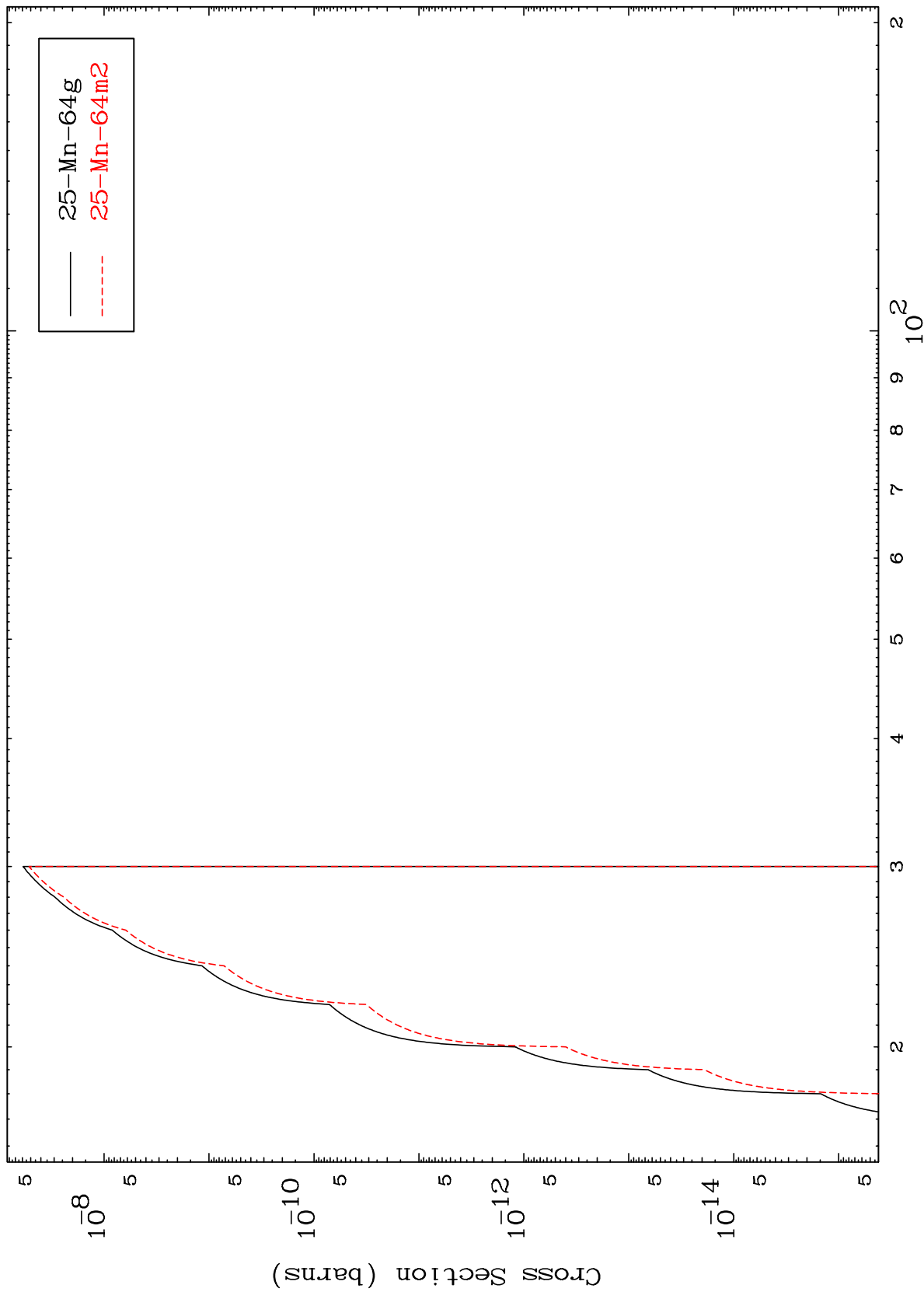


MAT 2753

(n,d) α

27-Co-68m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

27-Co-68m