

Program EVALPLOT
(Version 2021-1)

by

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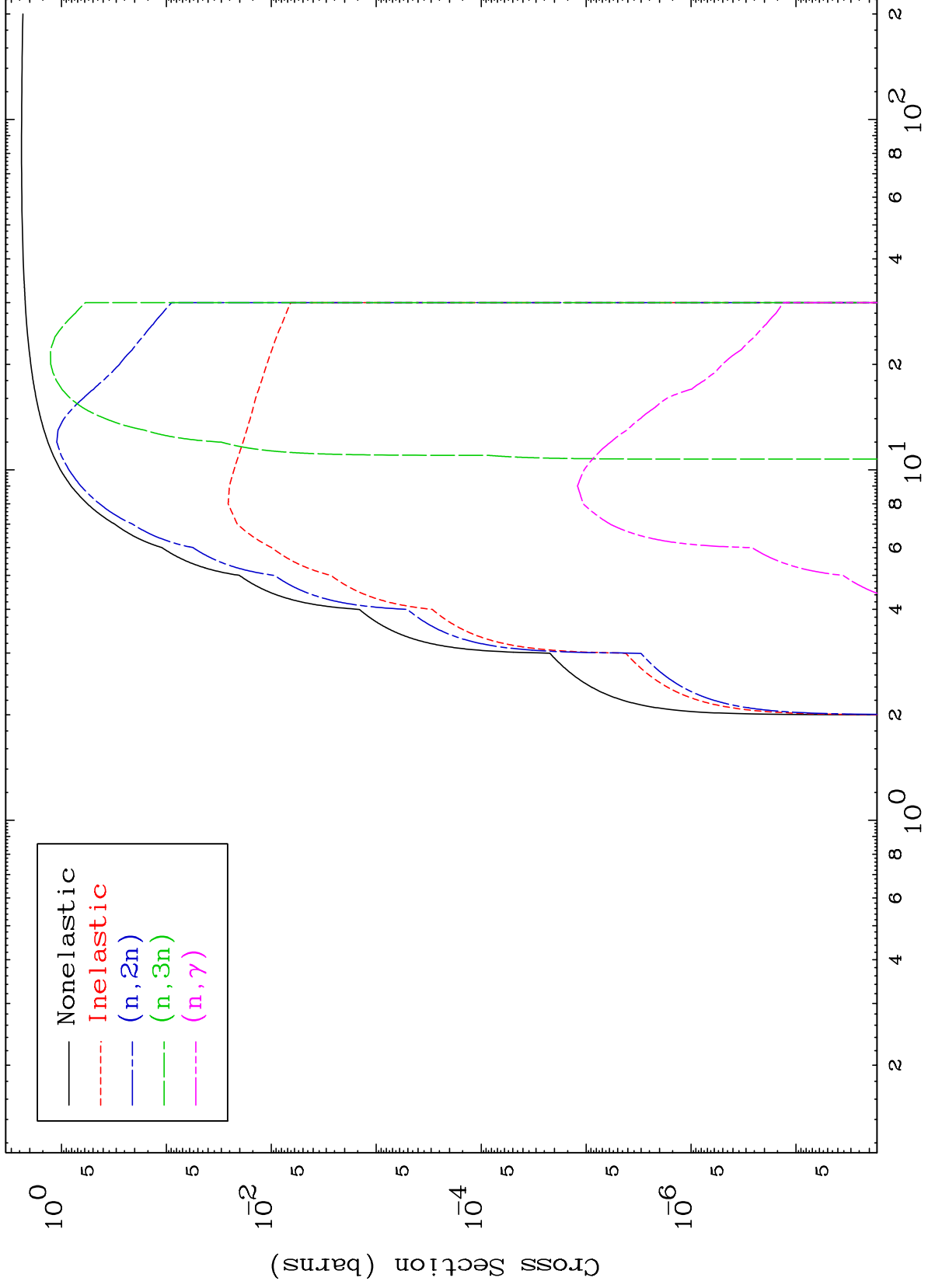
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5058

Deuteron Major
0 Kelvin Cross Sections

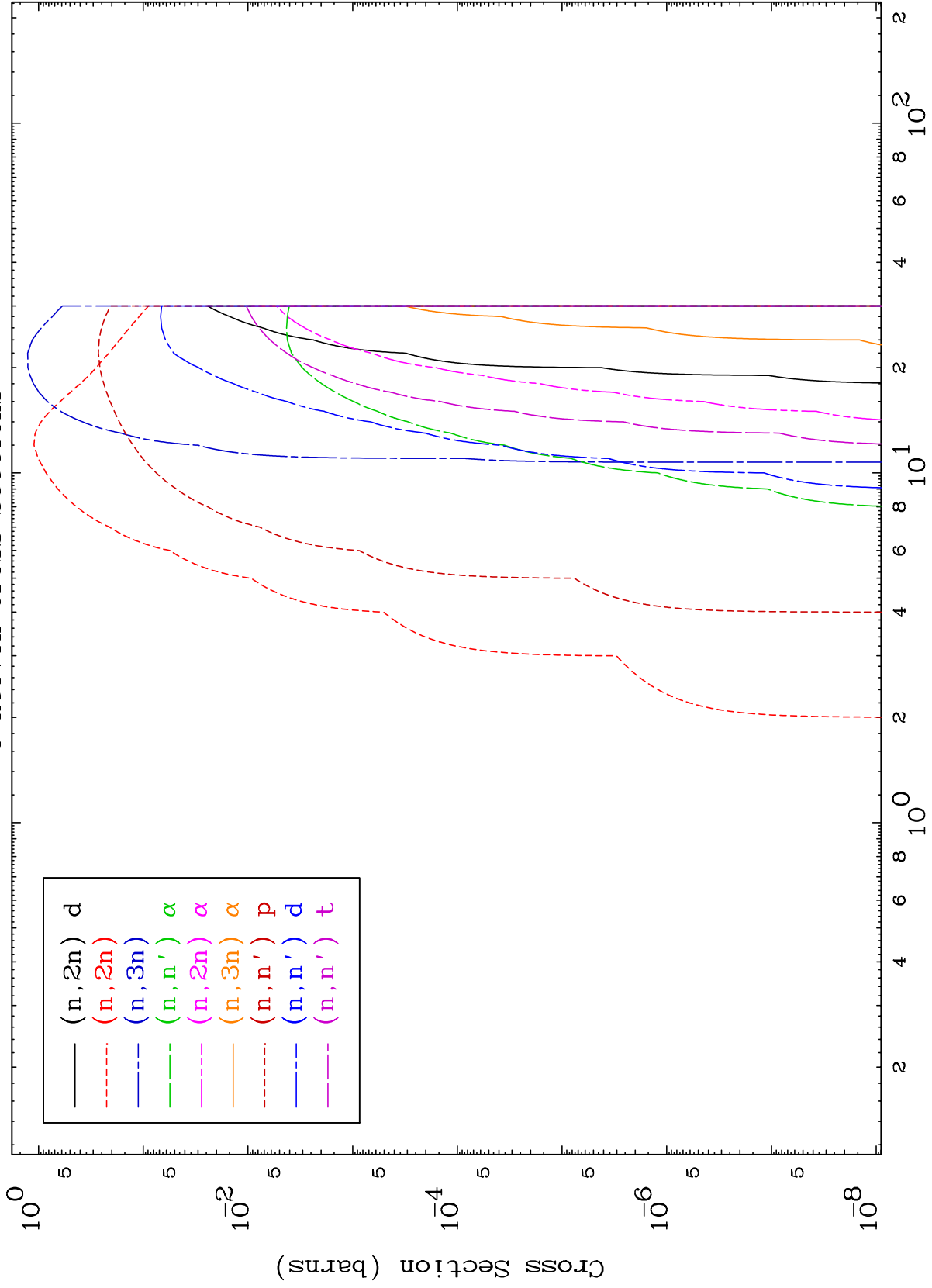
50-Sn-123



MAT 5058

Deuteron Neutron Absorption
0 Kelvin Cross Sections

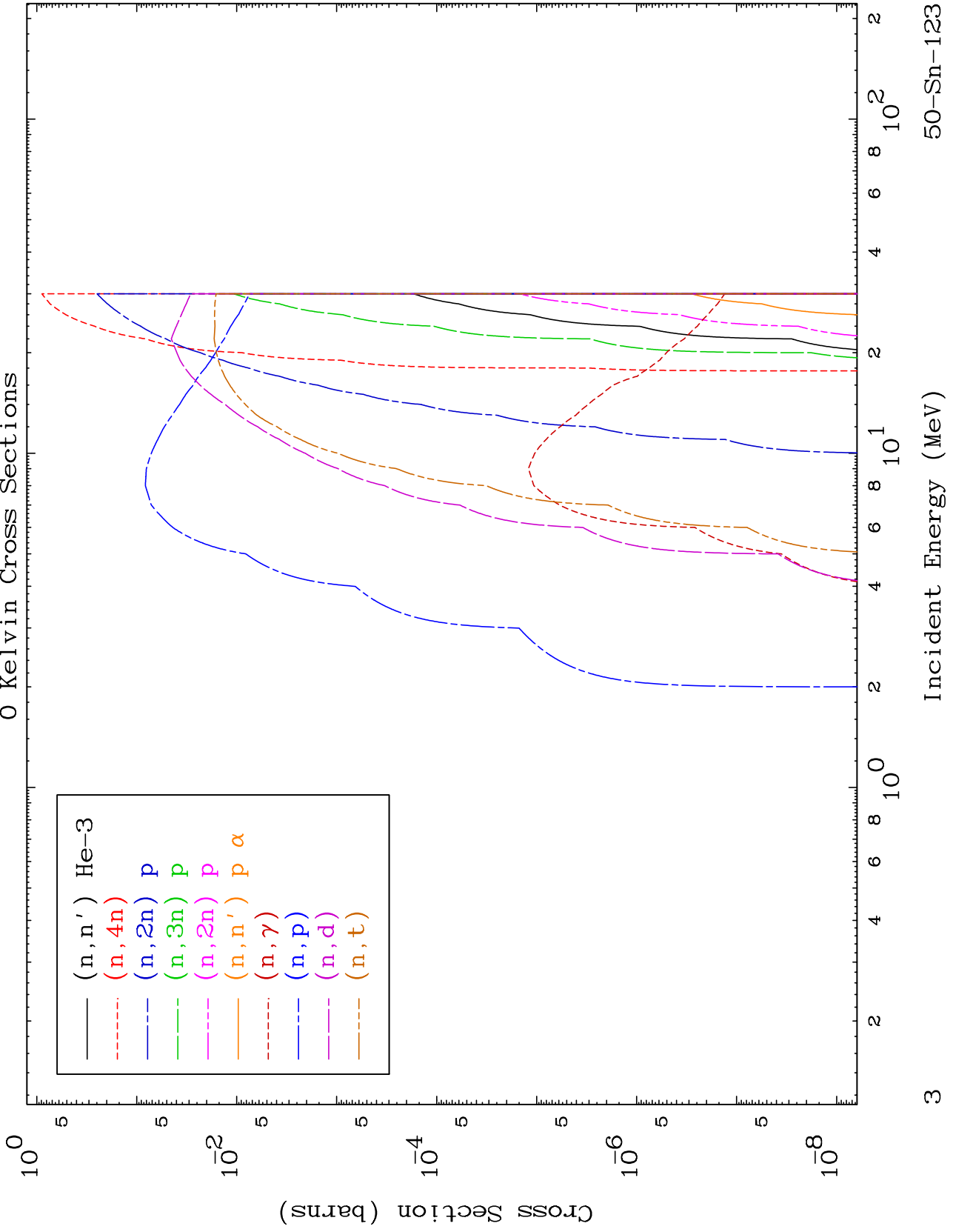
50-Sn-123



MAT 5058

Deuteron Neutron Absorption
0 Kelvin Cross Sections

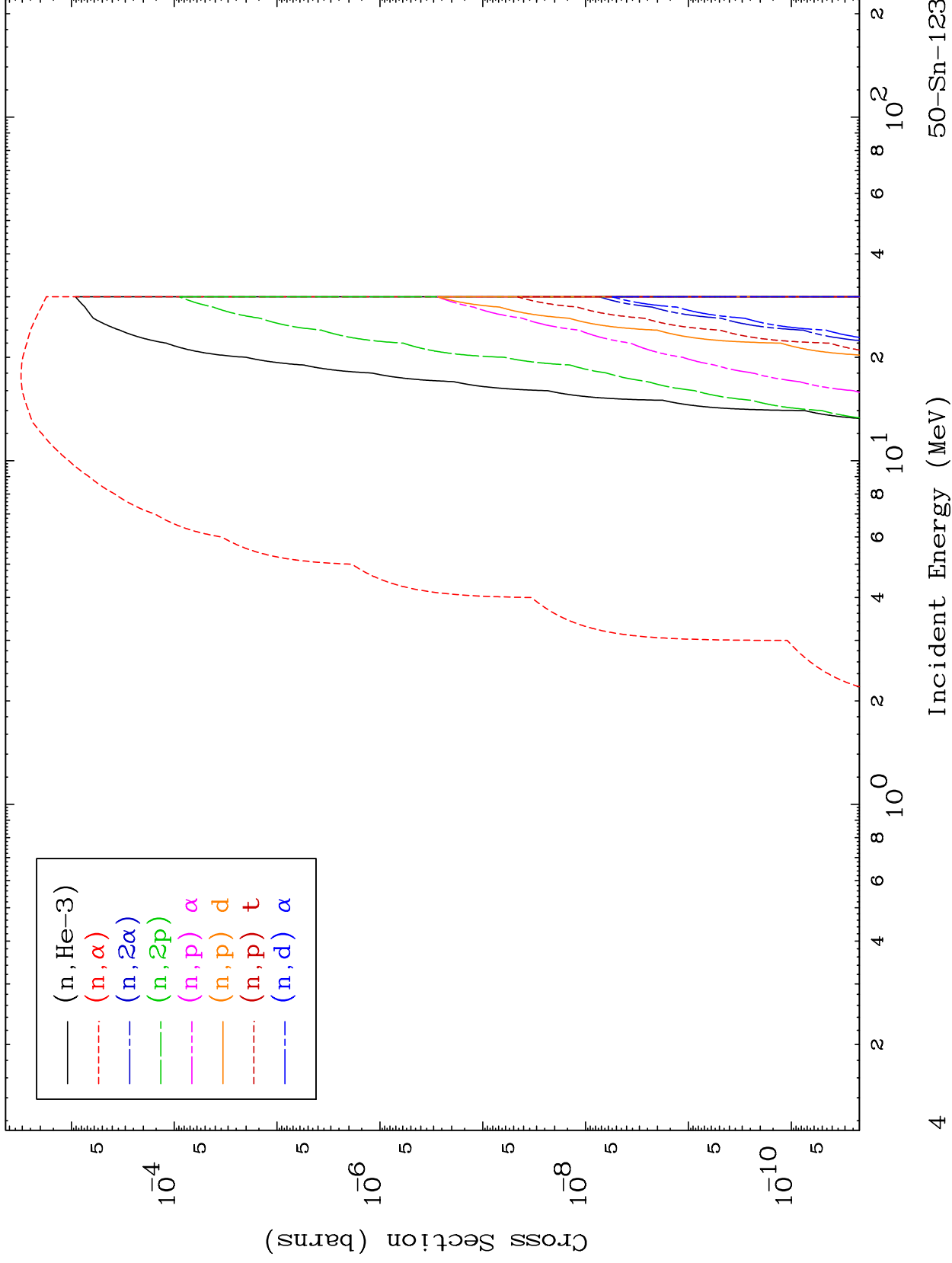
50-Sn-123



MAT 5058

Deuteron Neutron Absorption
0 Kelvin Cross Sections

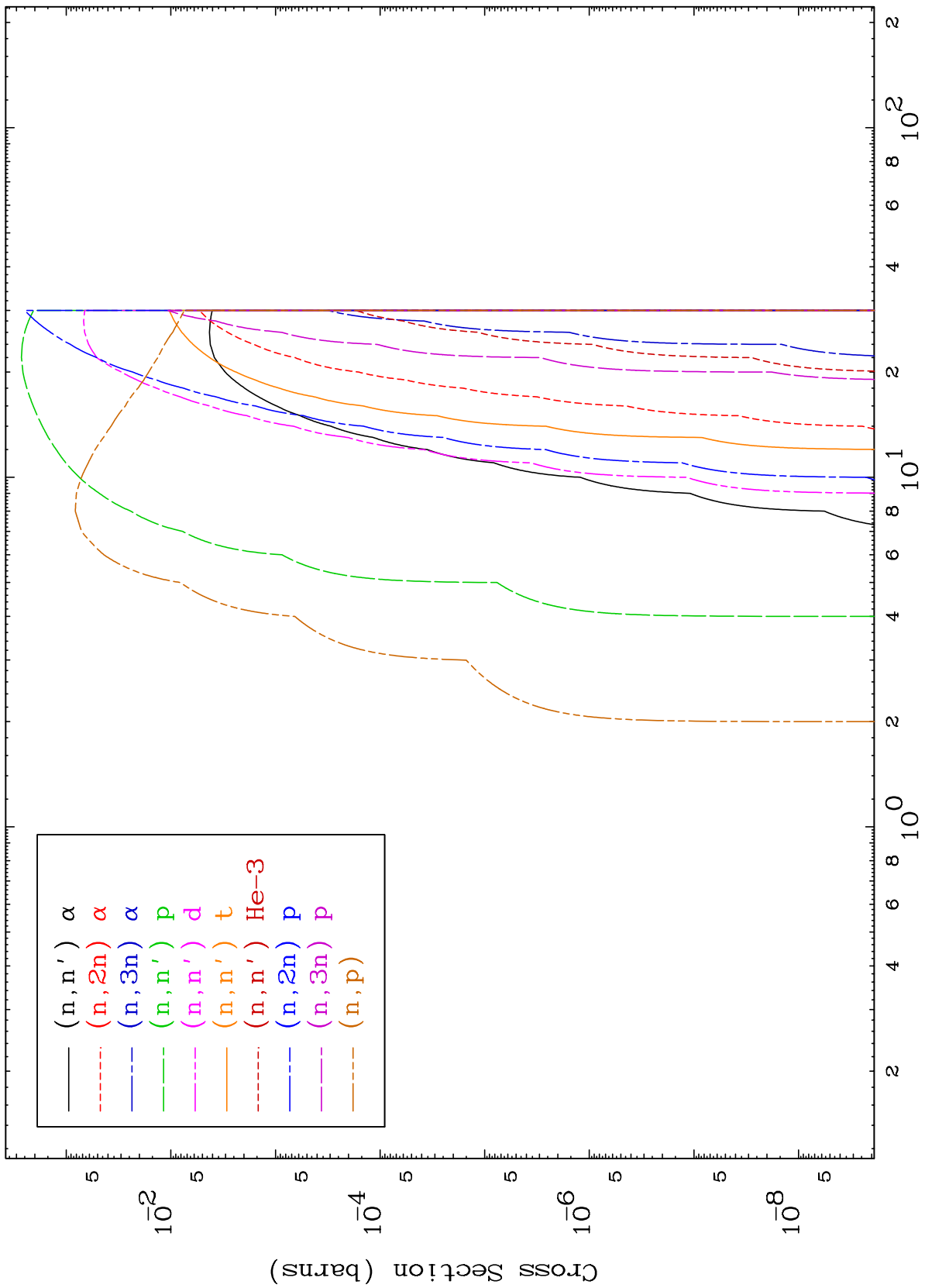
50-Sn-123



MAT 5058

Deuteron Charged Particle
0 Kelvin Cross Sections

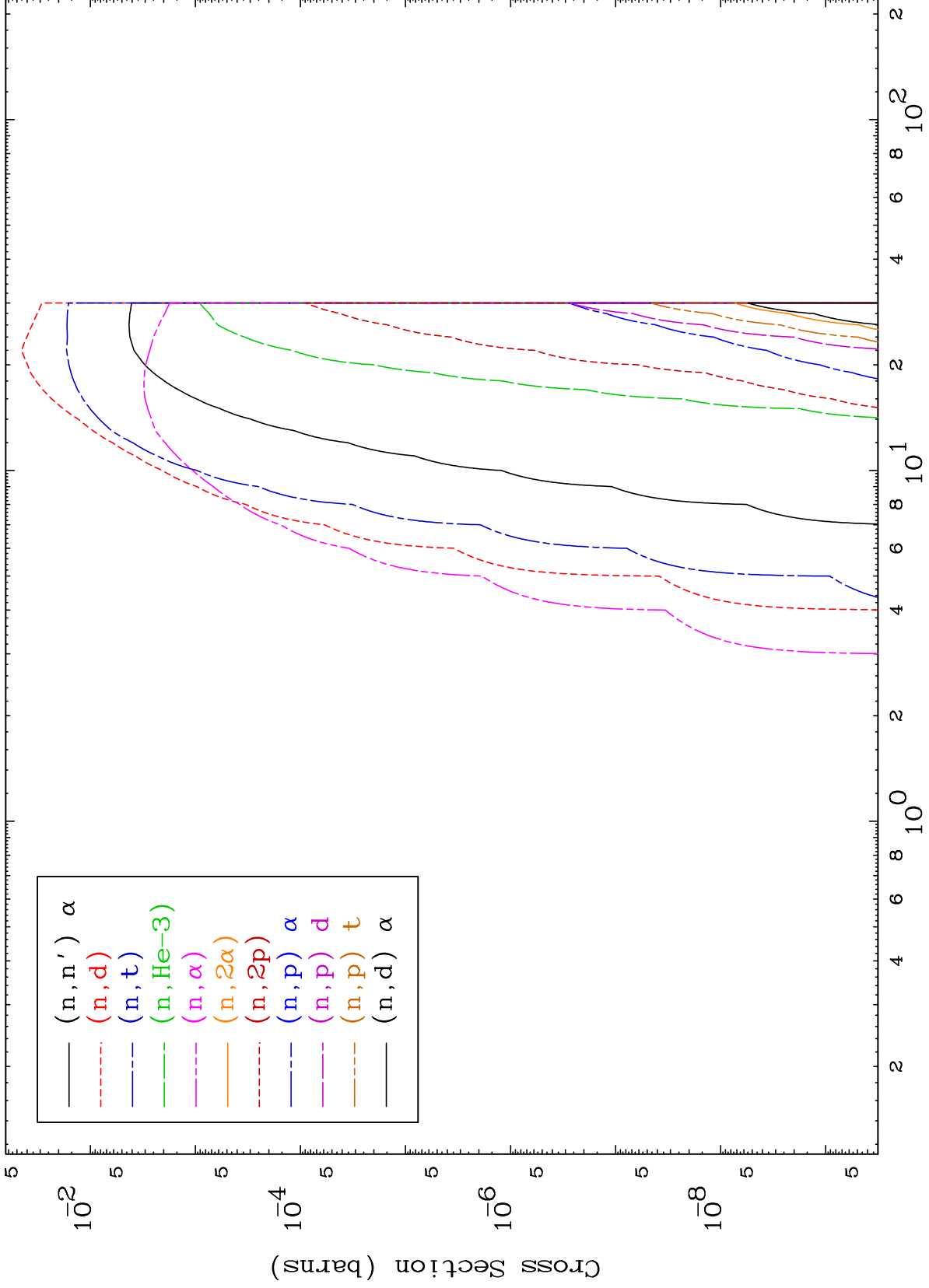
50-Sn-123



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Deuteron Charged Particle
0 Kelvin Cross Sections

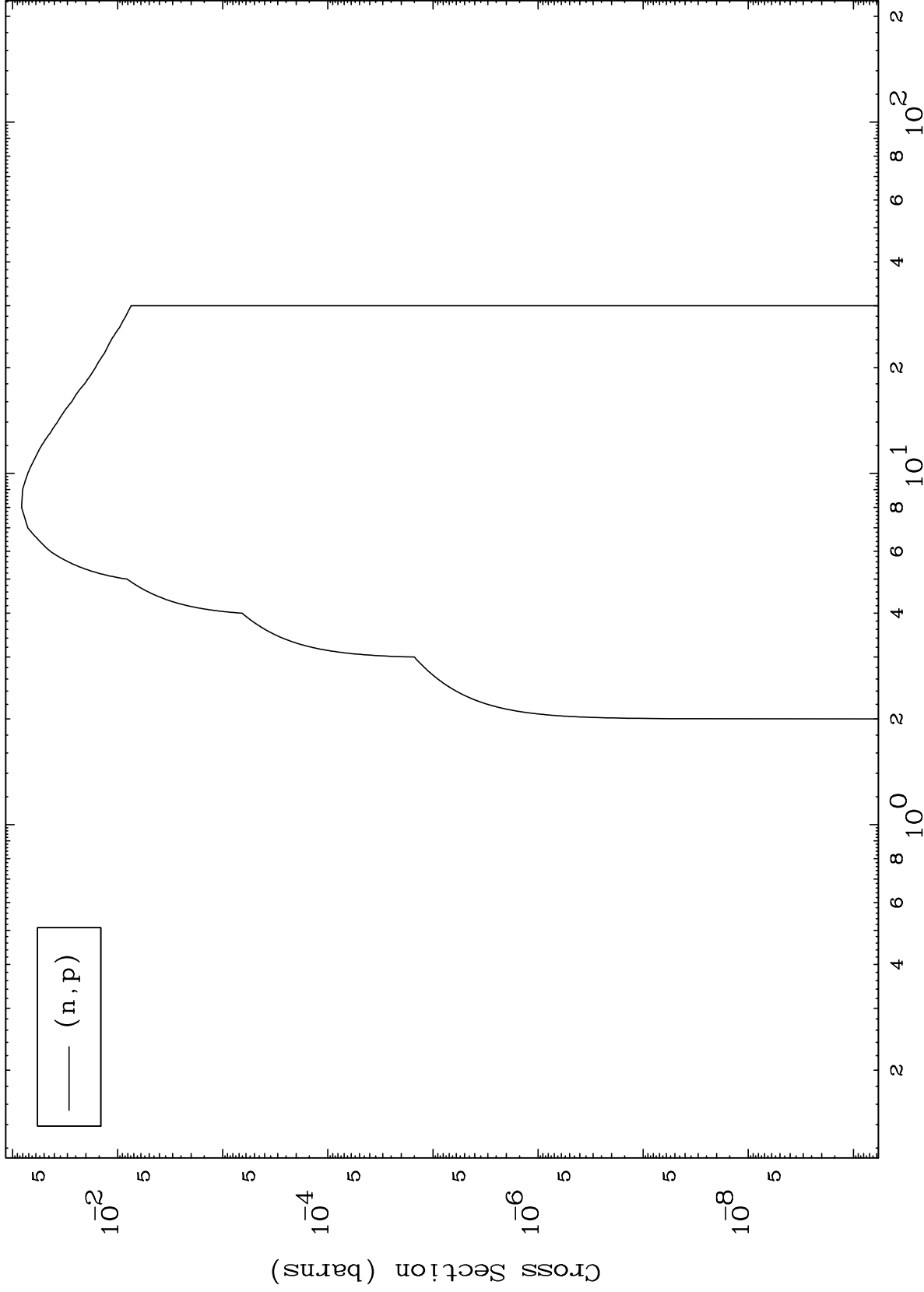
50-Sn-123



MAT 5058

(d,p) Levels
0 Kelvin Cross Sections

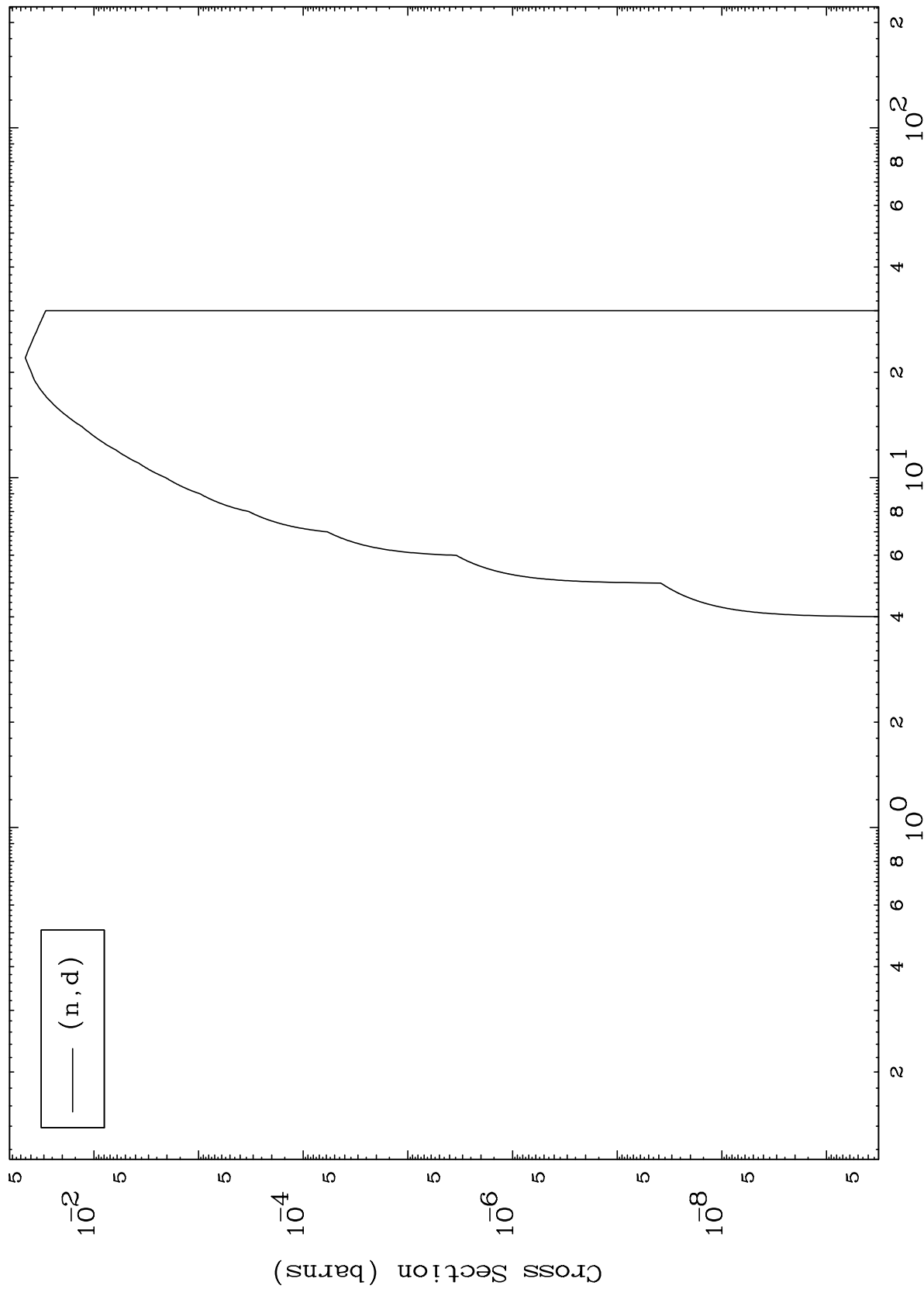
50-Sn-123



MAT 5058

50-Sn-123

(d,d) Levels
0 Kelvin Cross Sections

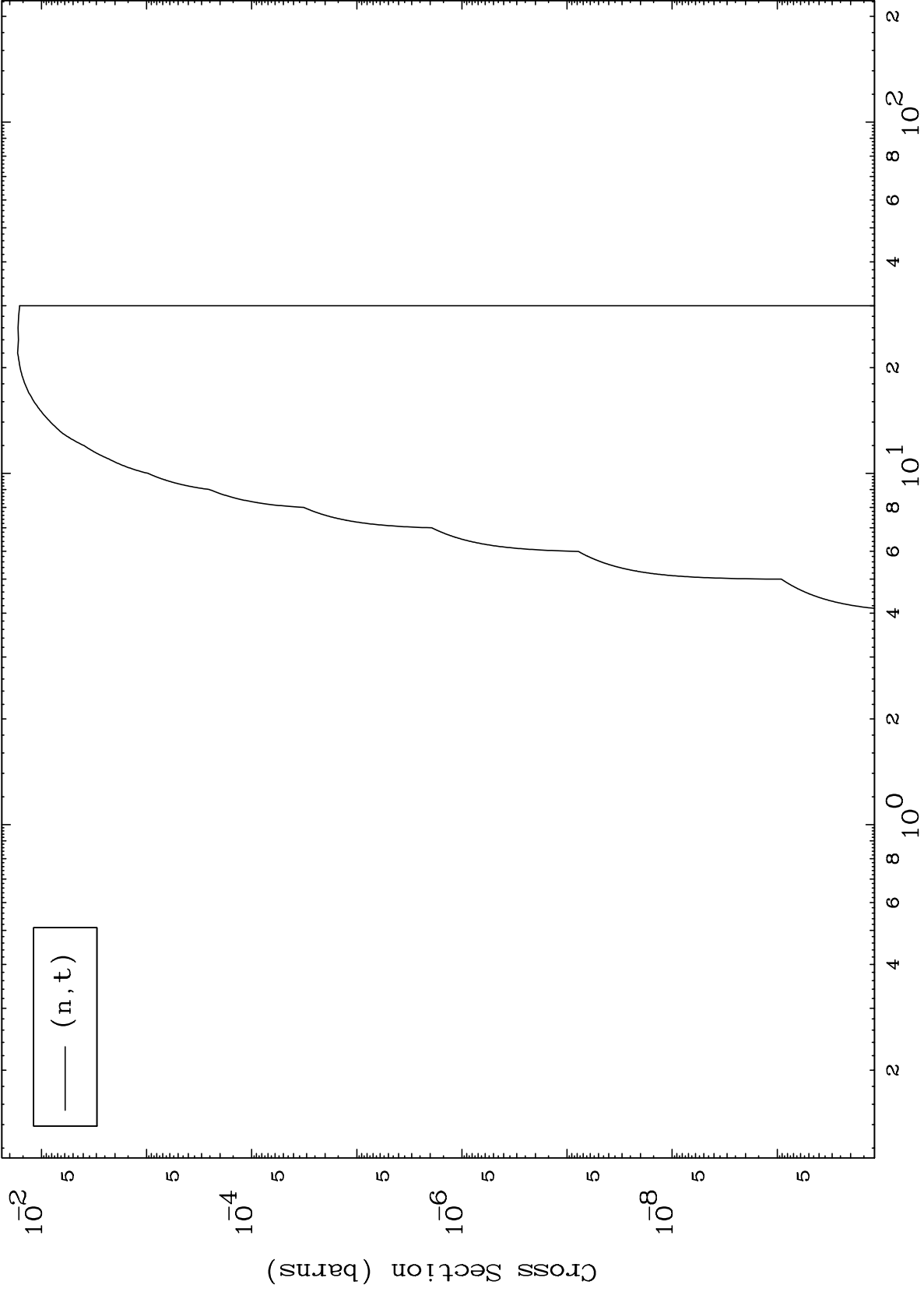


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(d, t) Levels

50-Sn-123

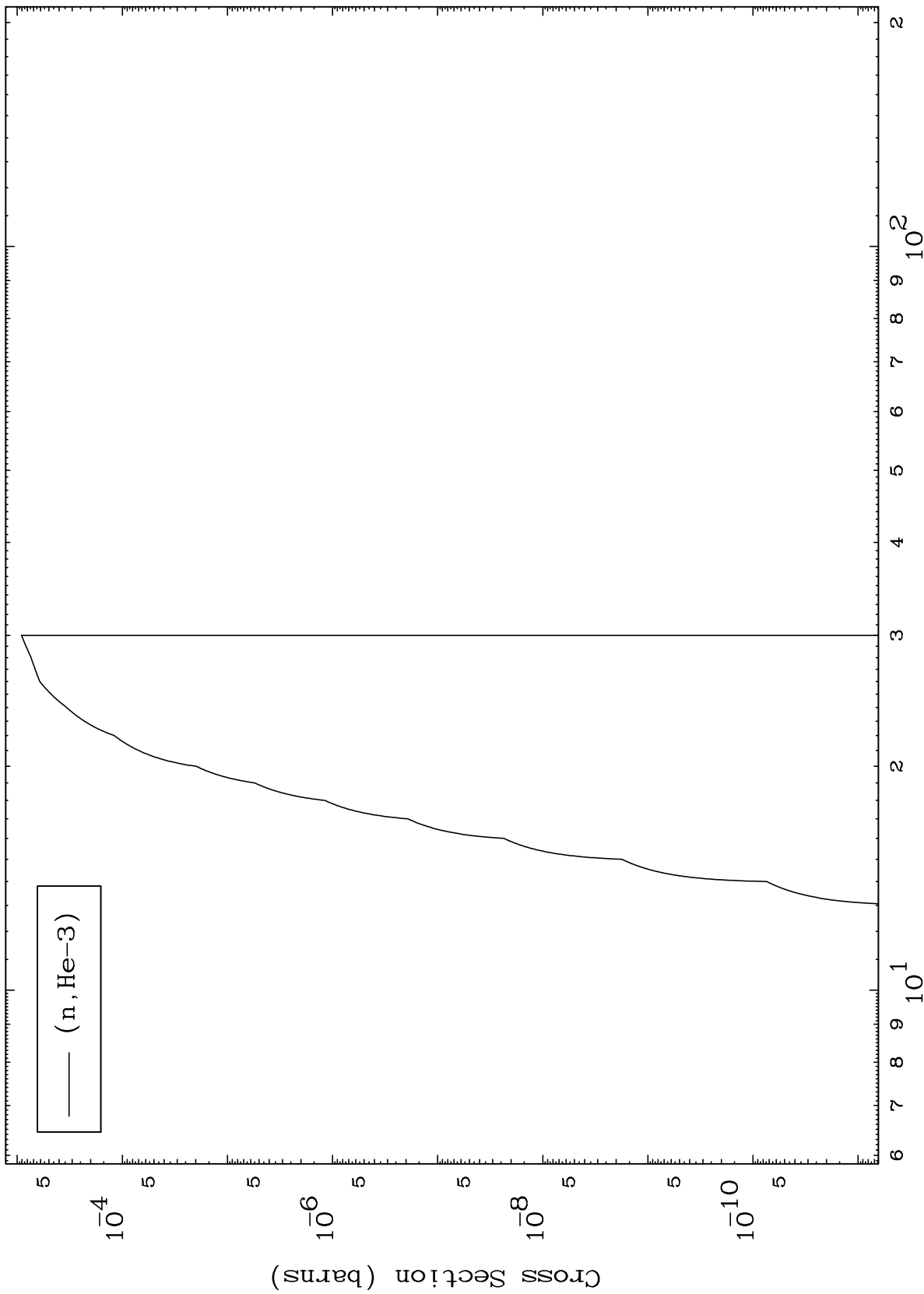
0 Kelvin Cross Sections



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50-Sn-123

(d,He3) Levels
0 Kelvin Cross Sections



50-Sn-123

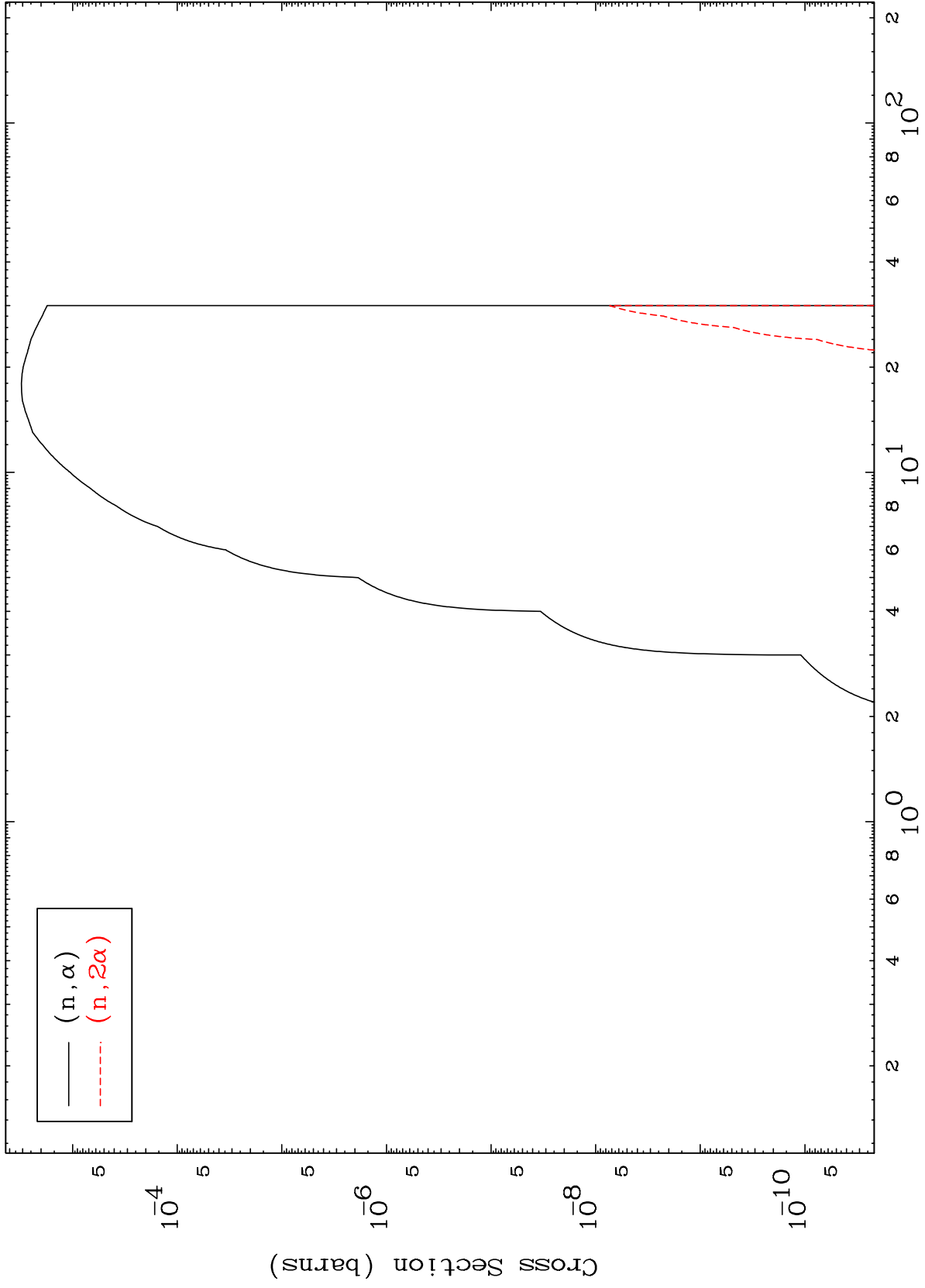
Incident Energy (MeV)

10

MAT 5058

(d, α) Levels
0 Kelvin Cross Sections

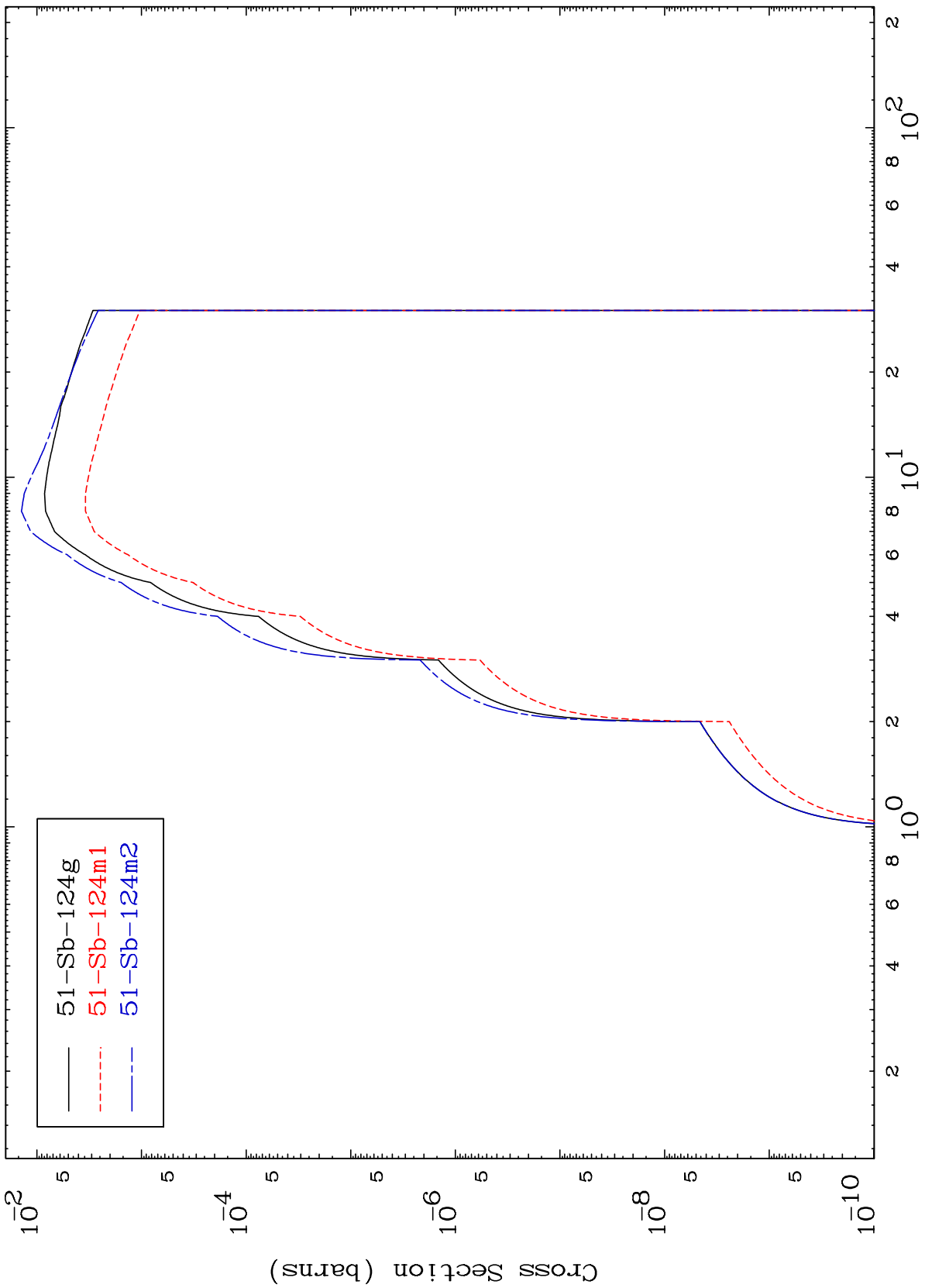
50-Sn-123



MAT 5058

50-Sn-123

Inelastic
Radionuclide Production Cross Section



50-Sn-123

Incident Energy (MeV)

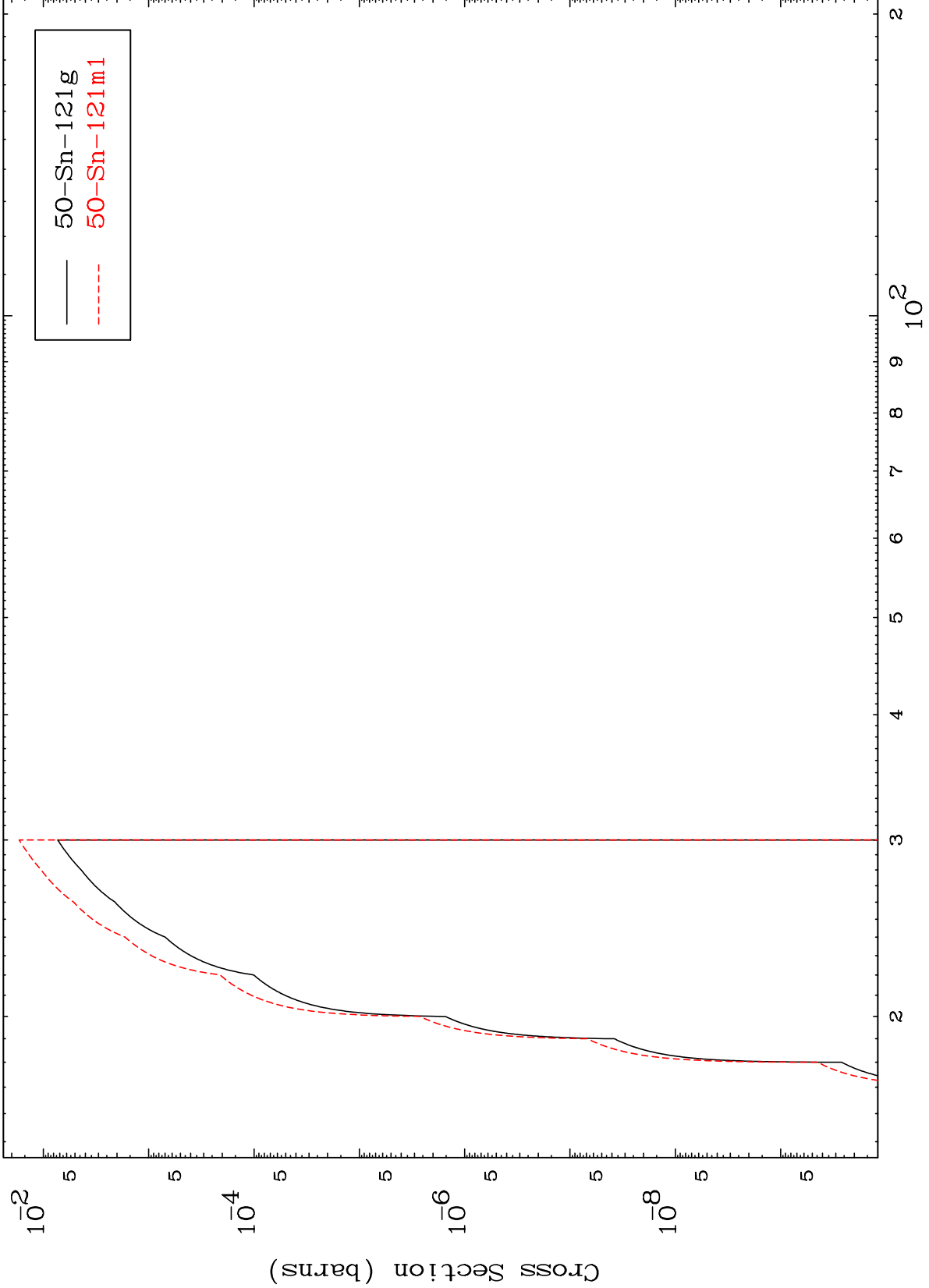
12

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(n,2n) d

50-Sn-123

Radionuclide Production Cross Section



13

Incident Energy (MeV)

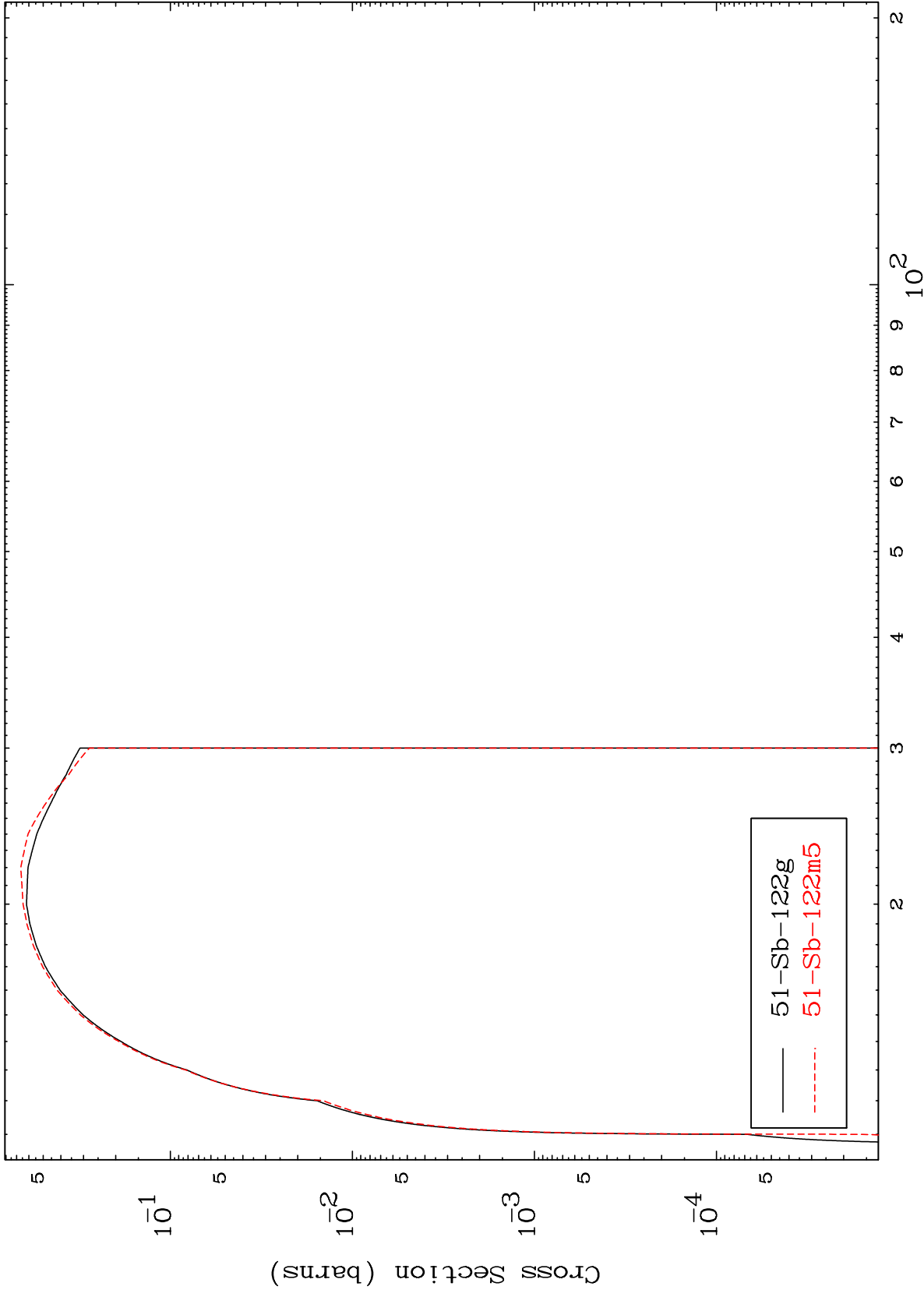
50-Sn-123

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(n,3n)

50-Sn-123

Radionuclide Production Cross Section



14

Incident Energy (MeV)

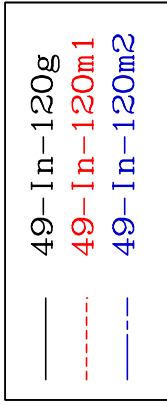
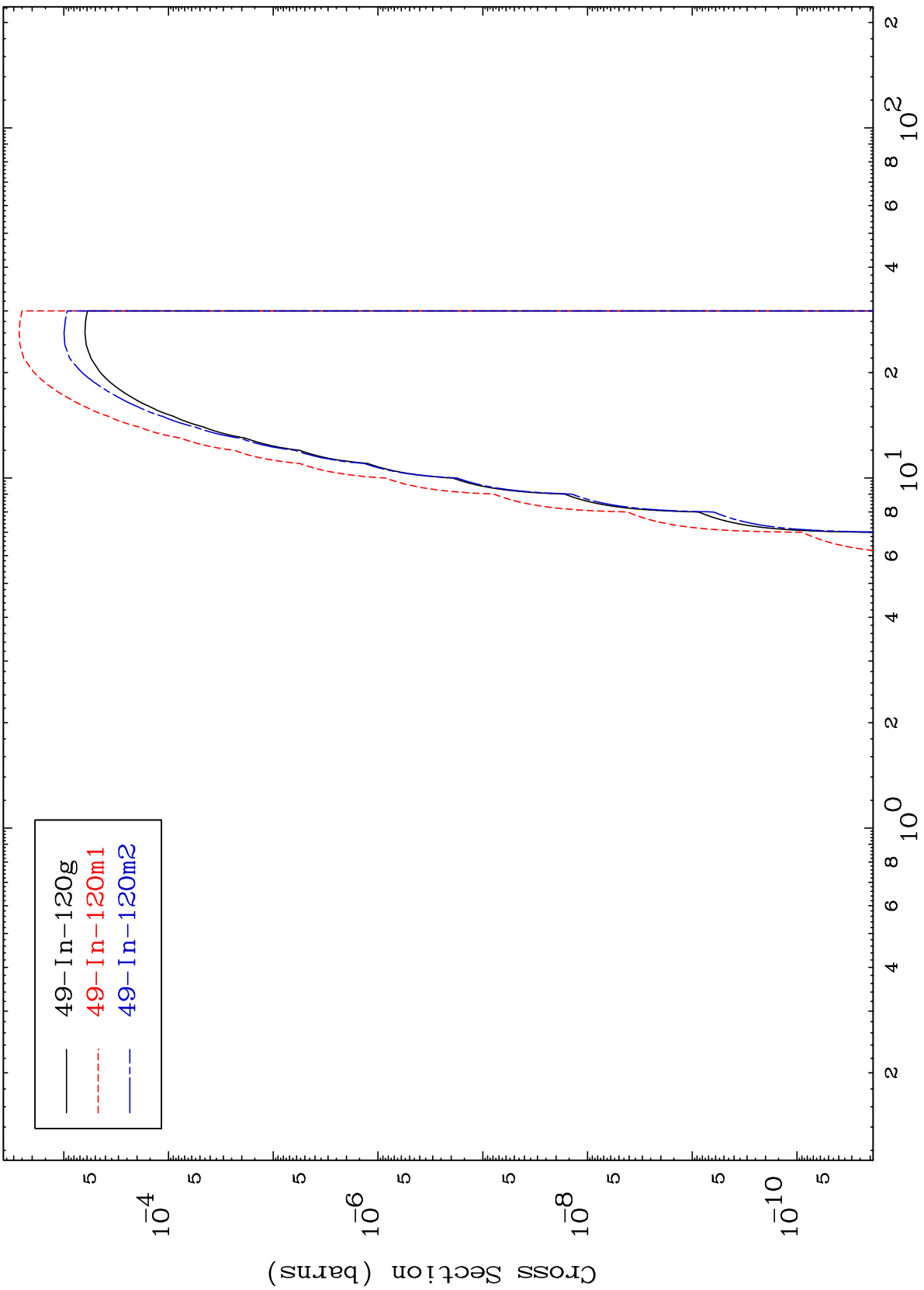
50-Sn-123

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$(n, n') \alpha$

50-Sn-123

Radionuclide Production Cross Section

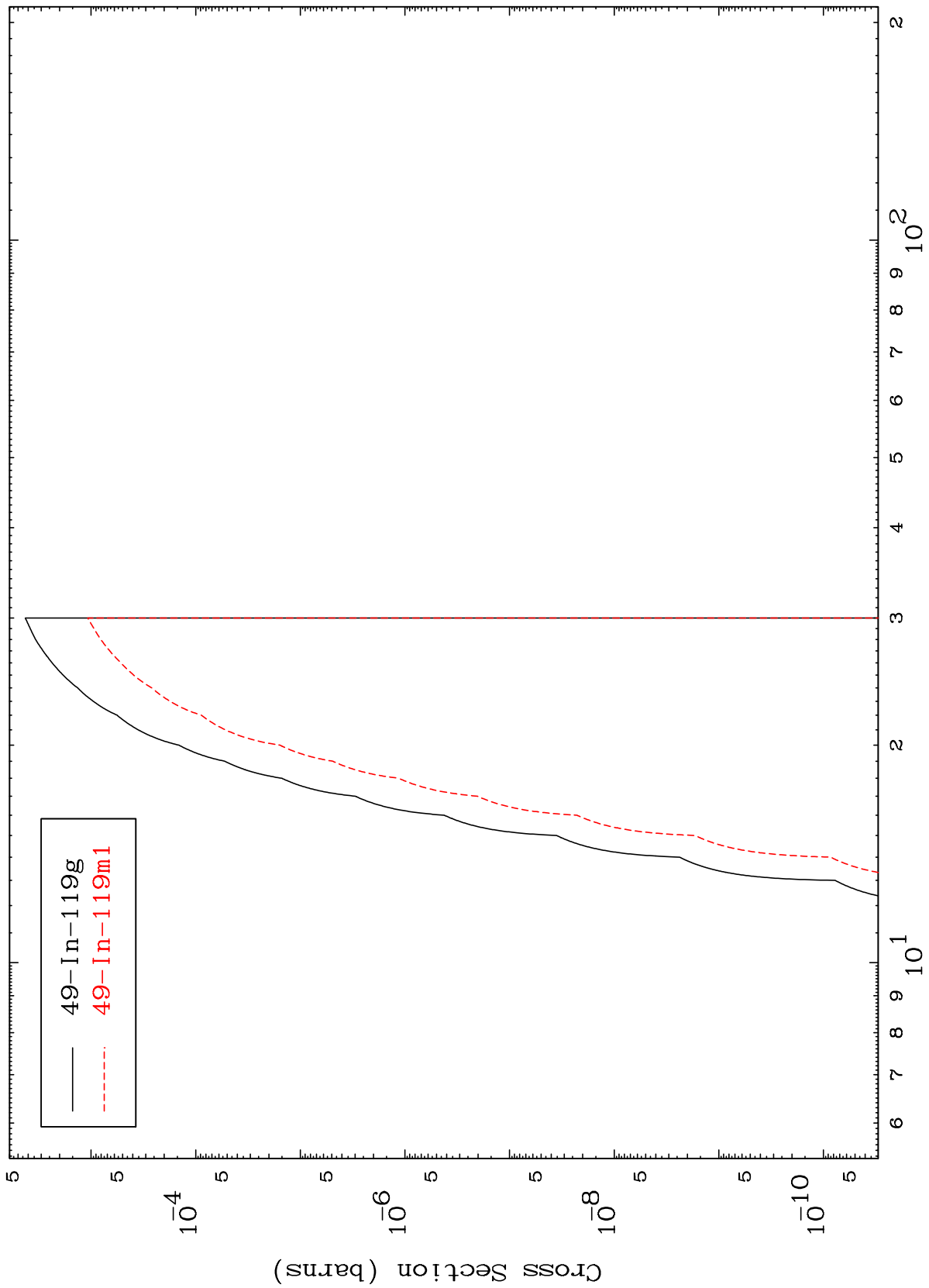


MAT 5058

$(n,2n) \alpha$

50-Sn-123

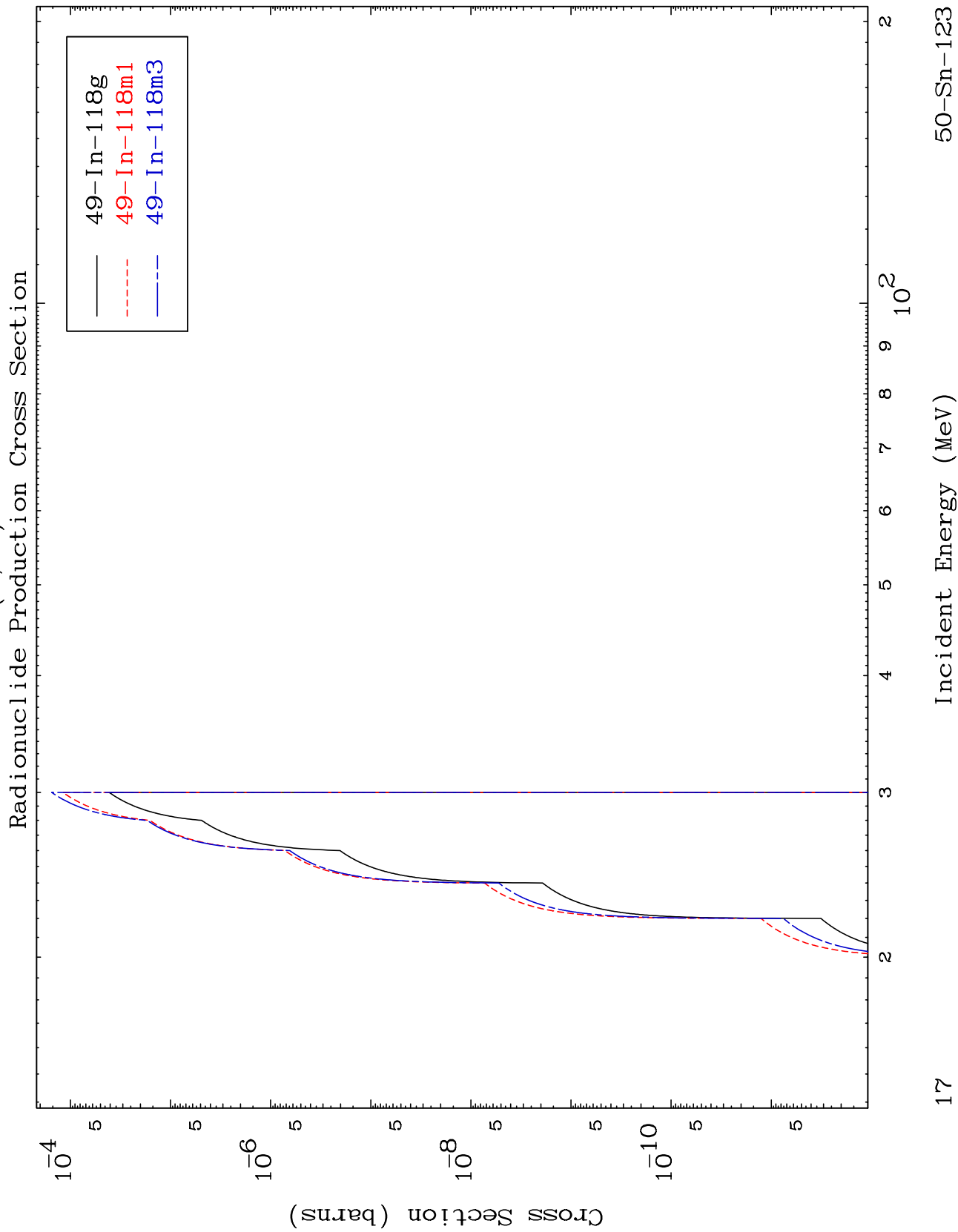
Radionuclide Production Cross Section



16

Incident Energy (MeV)

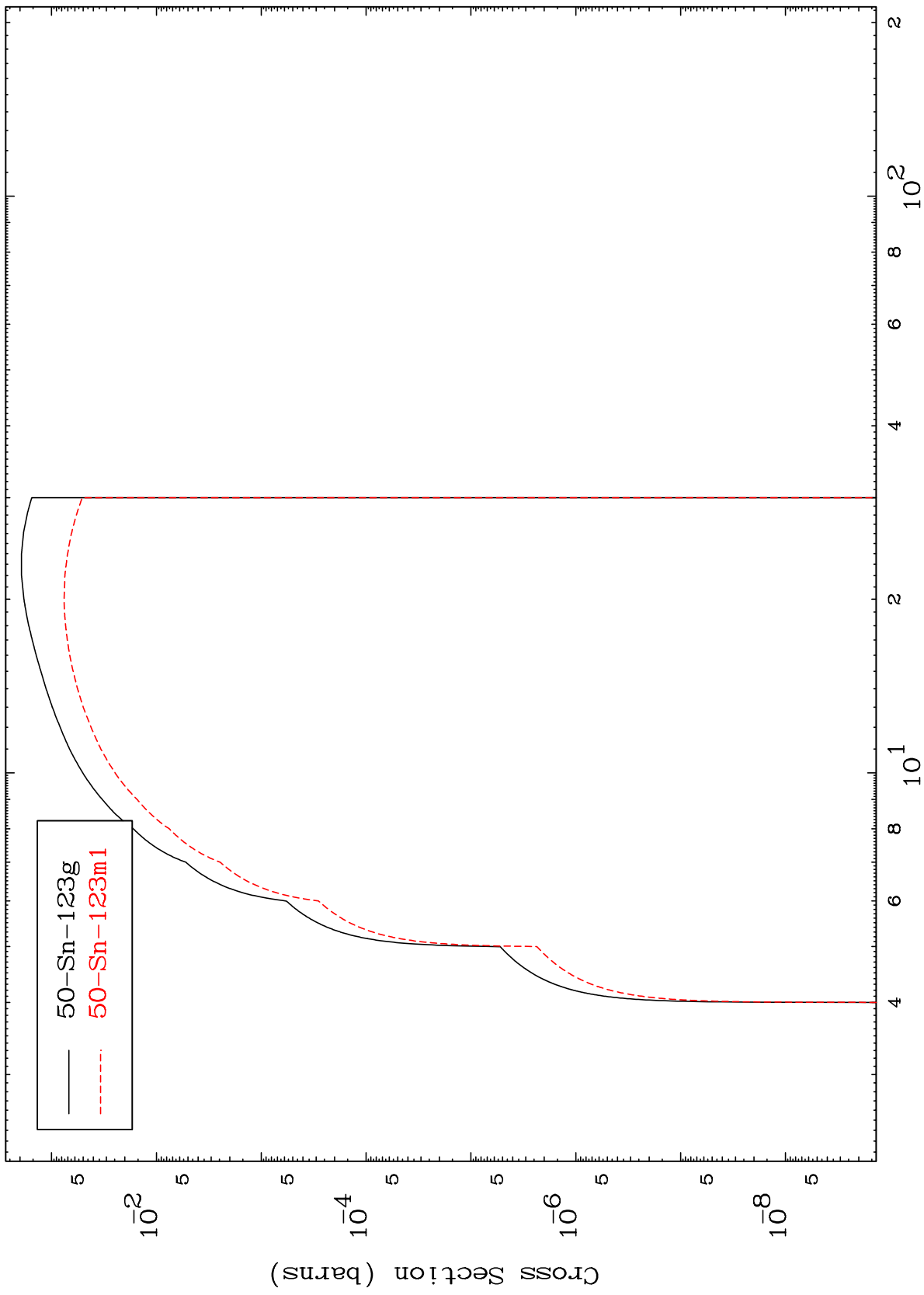
50-Sn-123



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50-Sn-123

Radionuclide Production Cross Section

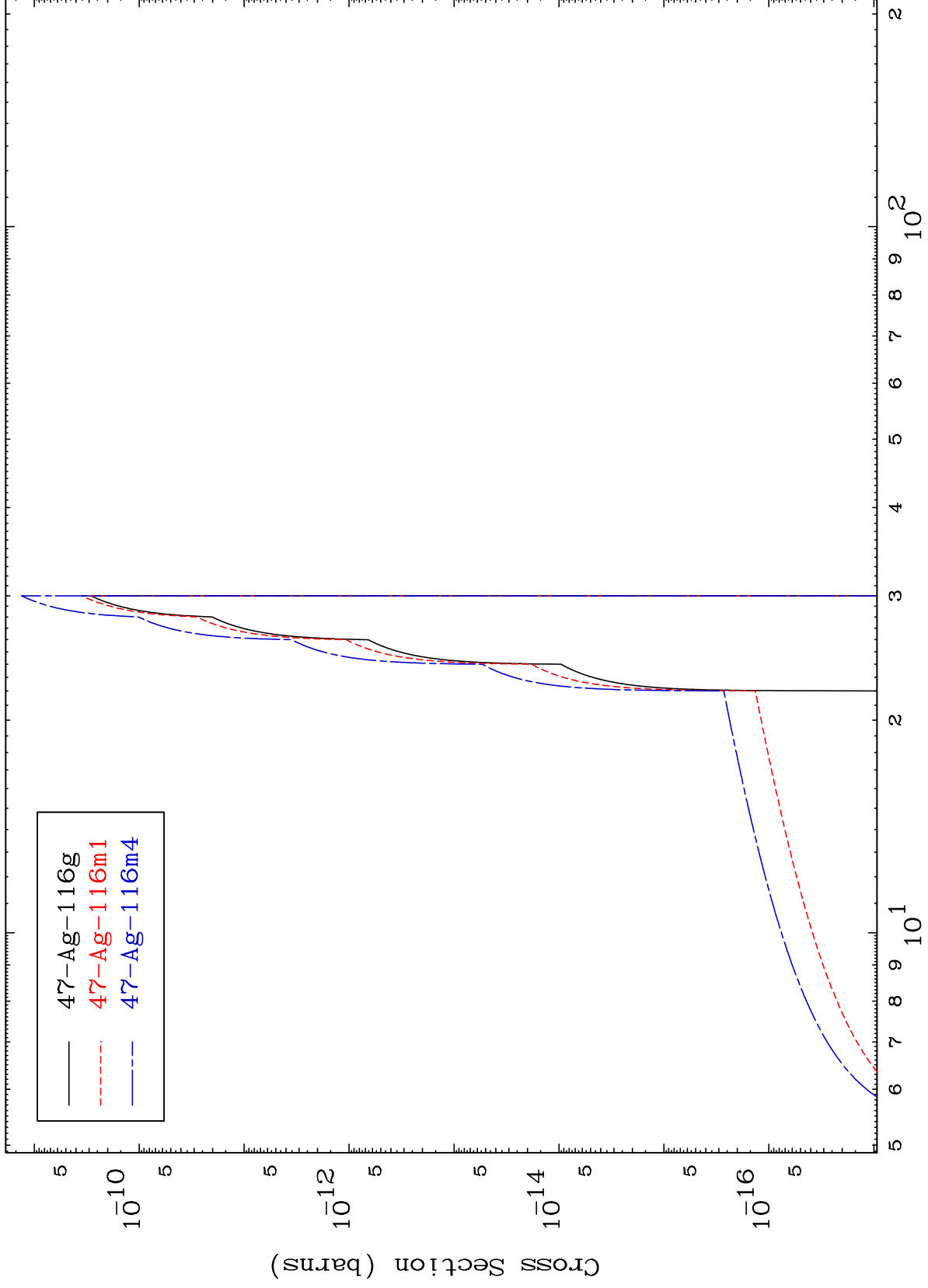


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(n,n') 2α

50-Sn-123

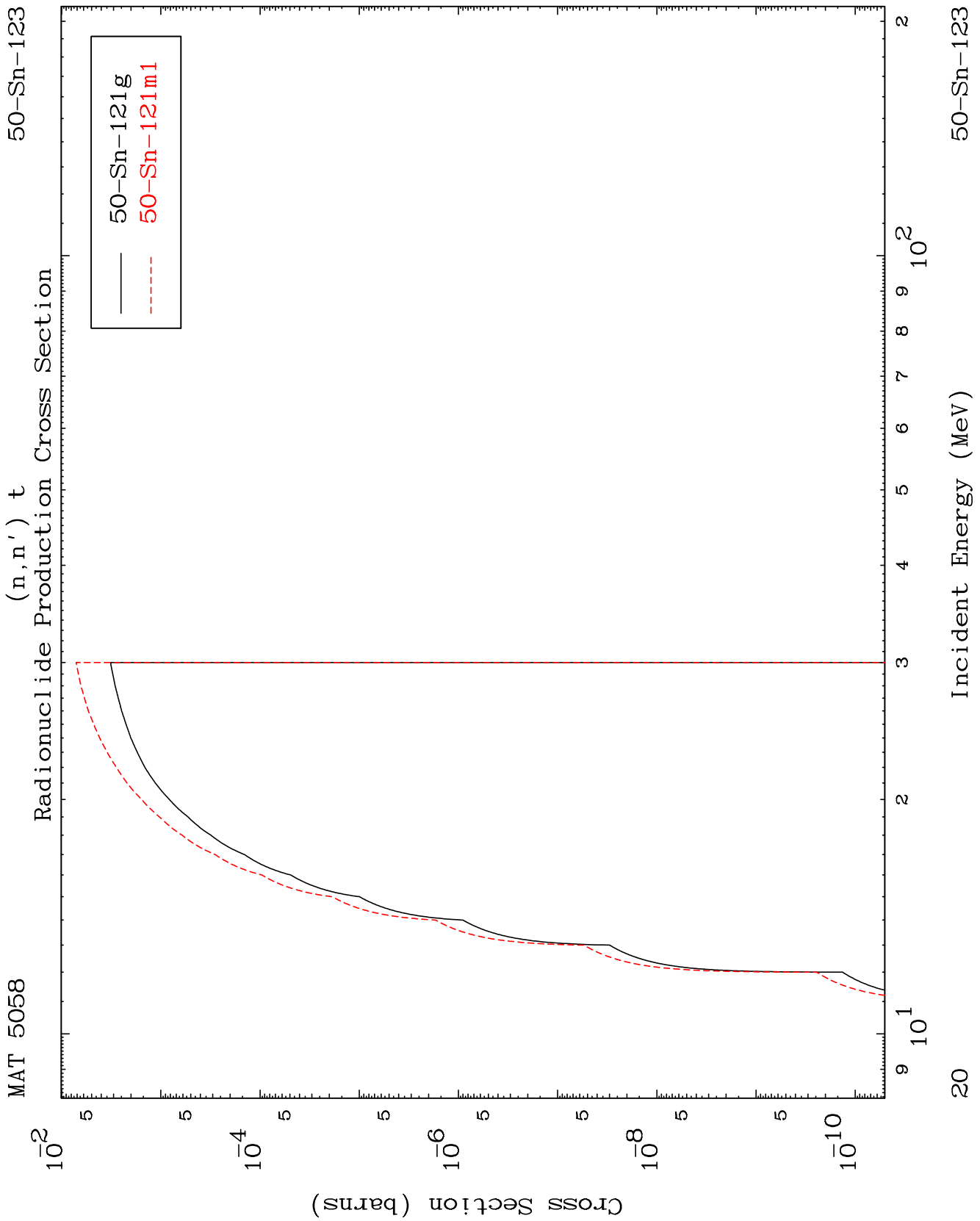
Radionuclide Production Cross Section



19

Incident Energy (MeV)

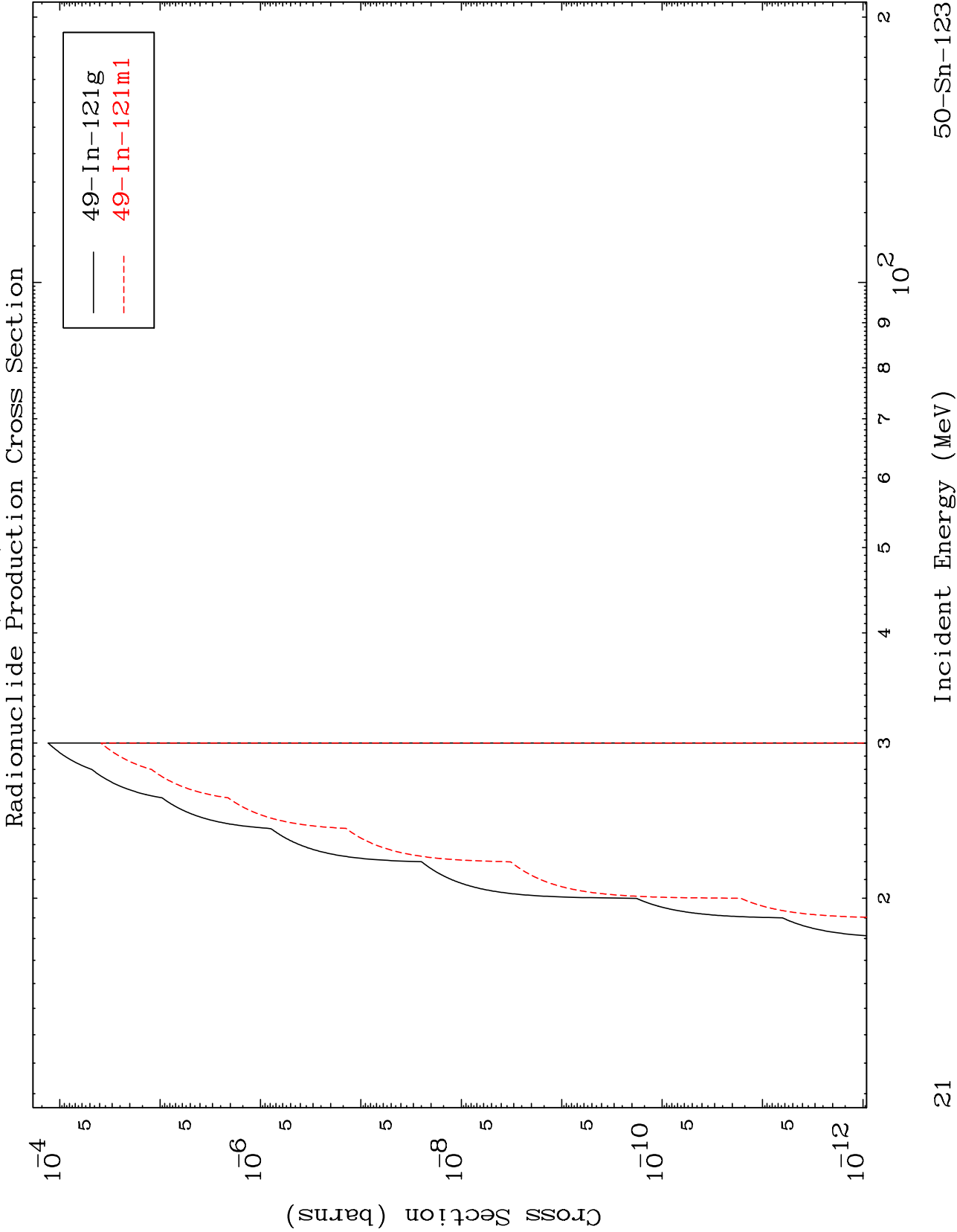
50-Sn-123



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(n,n') He-3

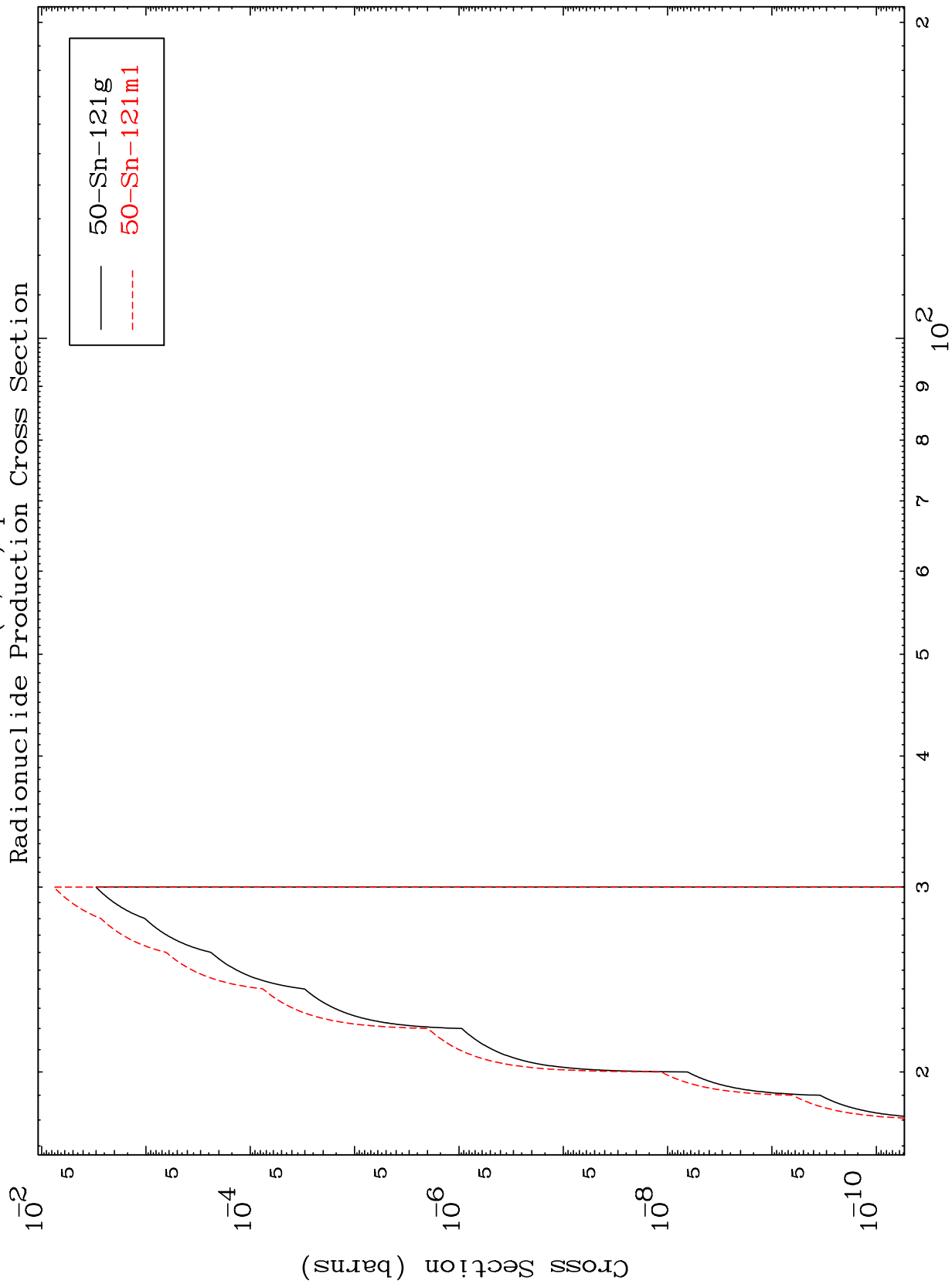
50-Sn-123



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50-Sn-123

(n,3n) p
Radionuclide Production Cross Section



50-Sn-123

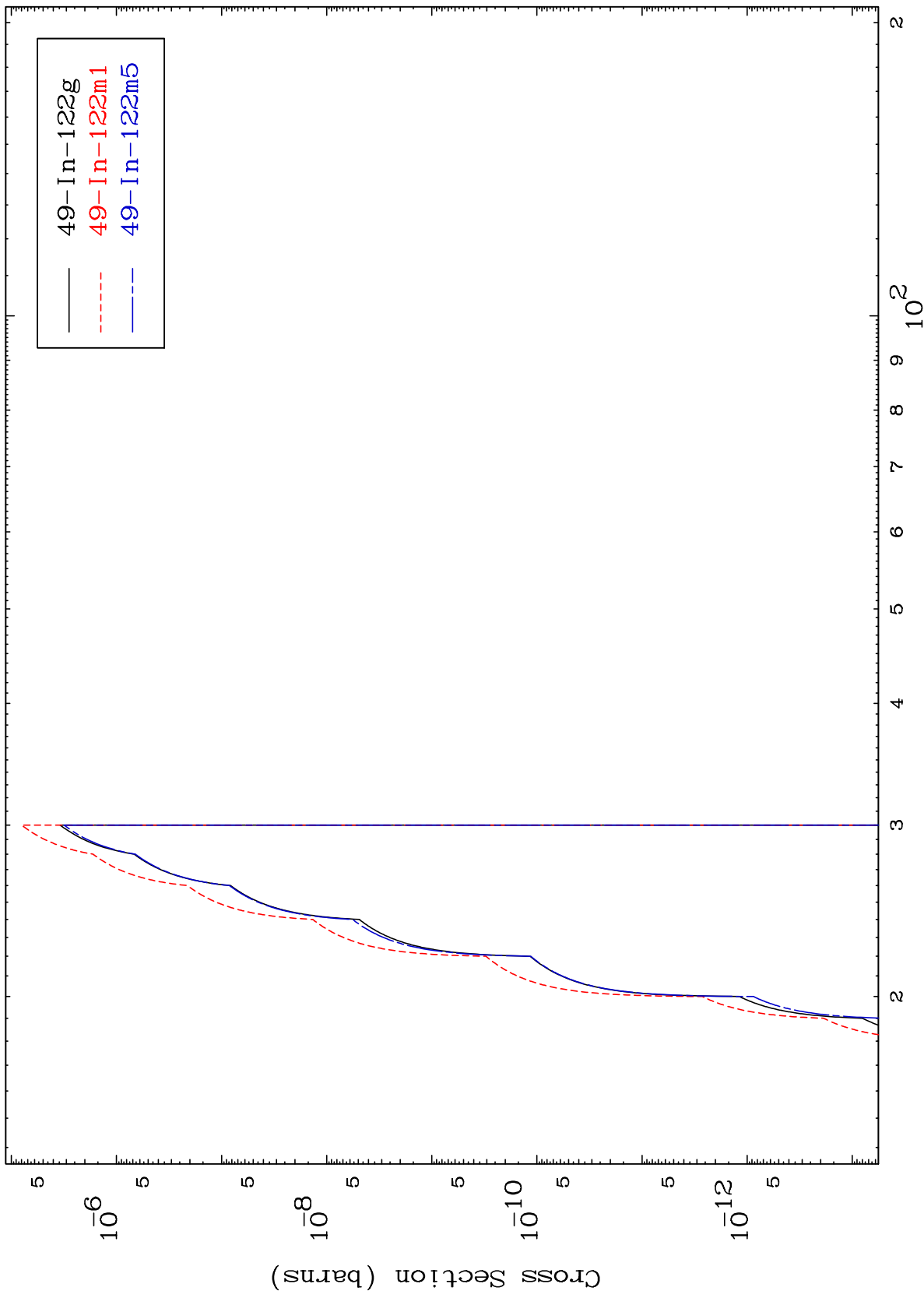
Incident Energy (MeV)

22

MAT 5058

50-Sn-123

(n,2n) p
Radionuclide Production Cross Section



23

50-Sn-123

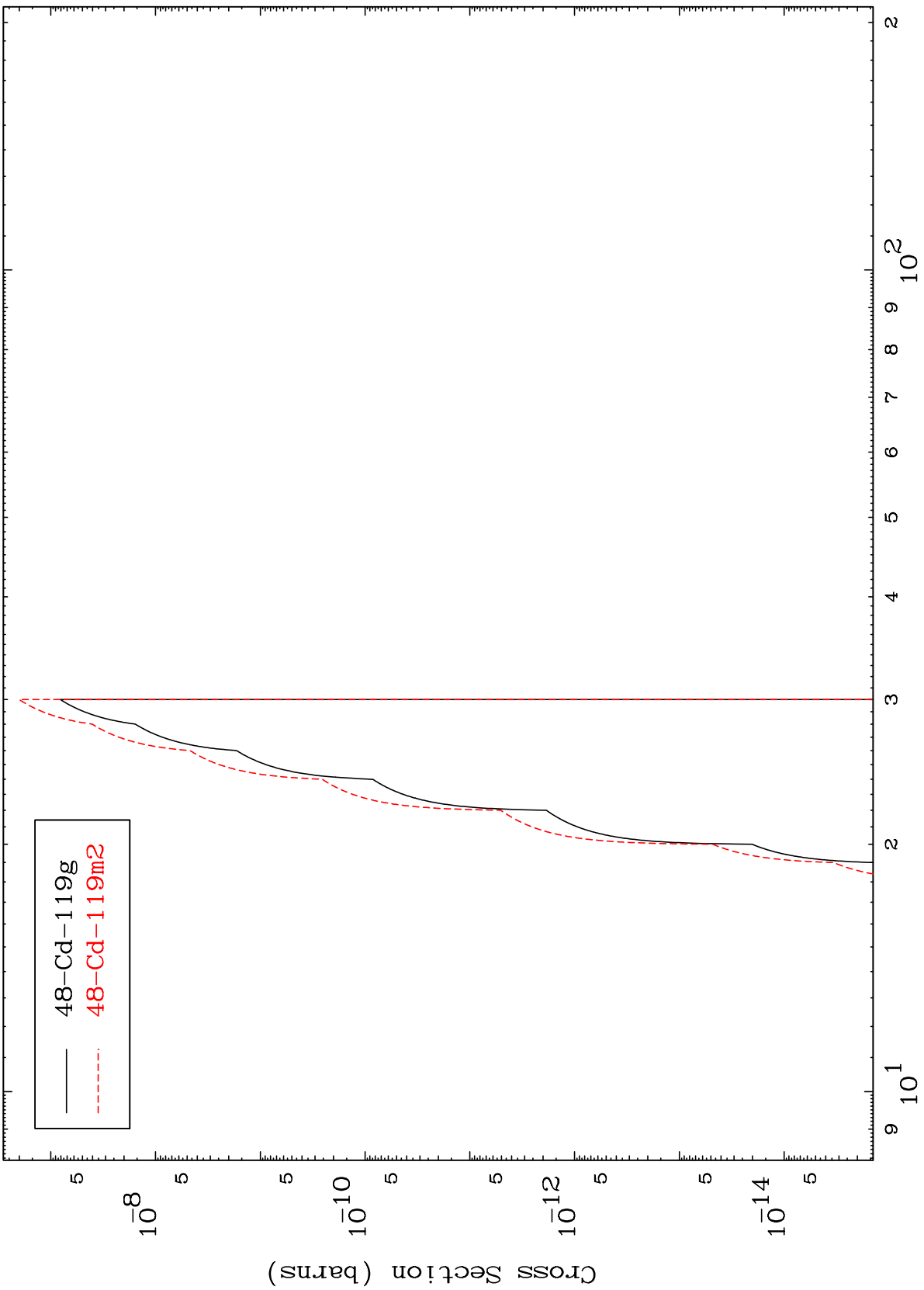
Incident Energy (MeV)

MAT 5058

(n,n') p α

50-Sn-123

Radionuclide Production Cross Section



24

Incident Energy (MeV)

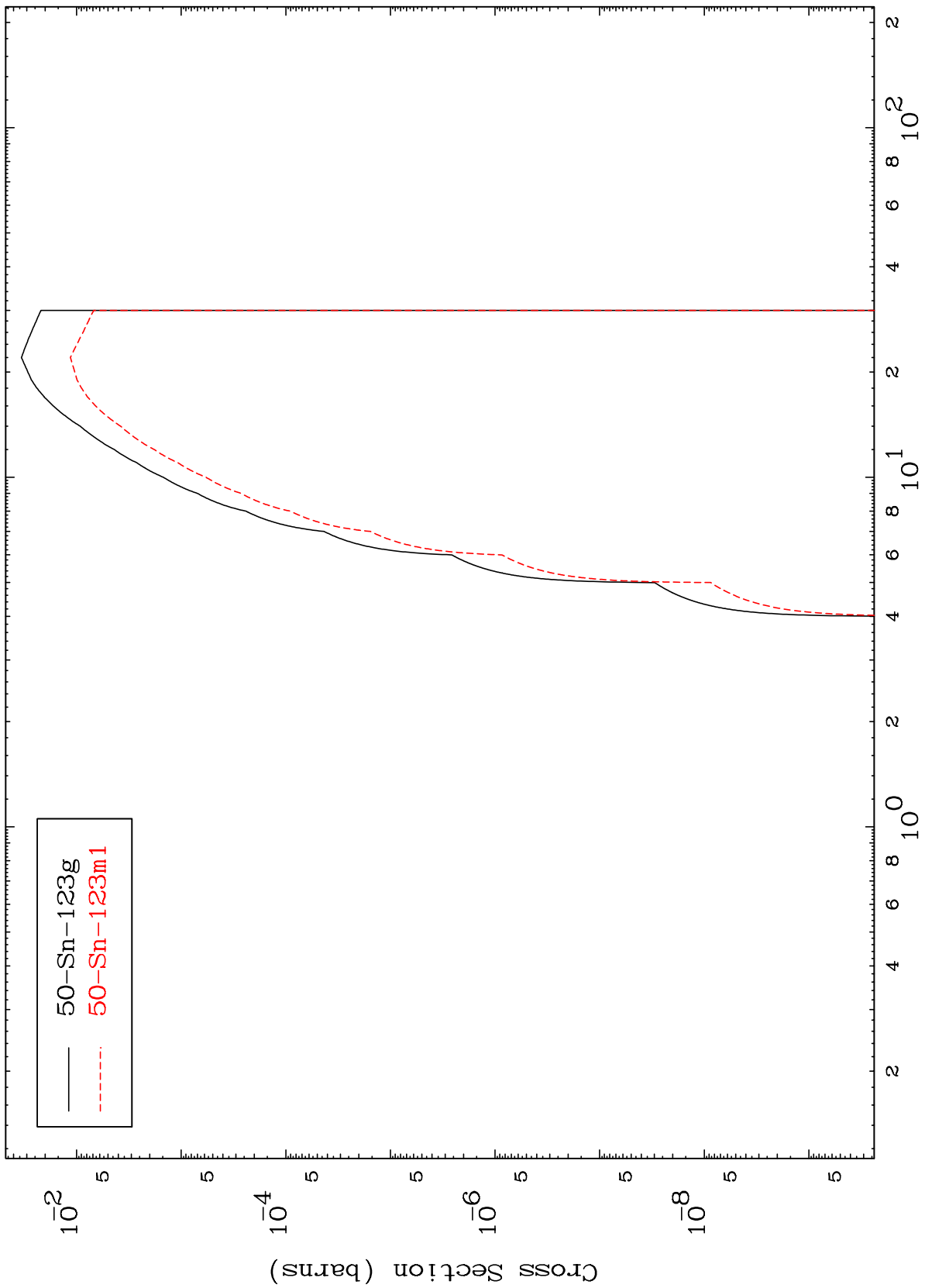
50-Sn-123

MAT 5058

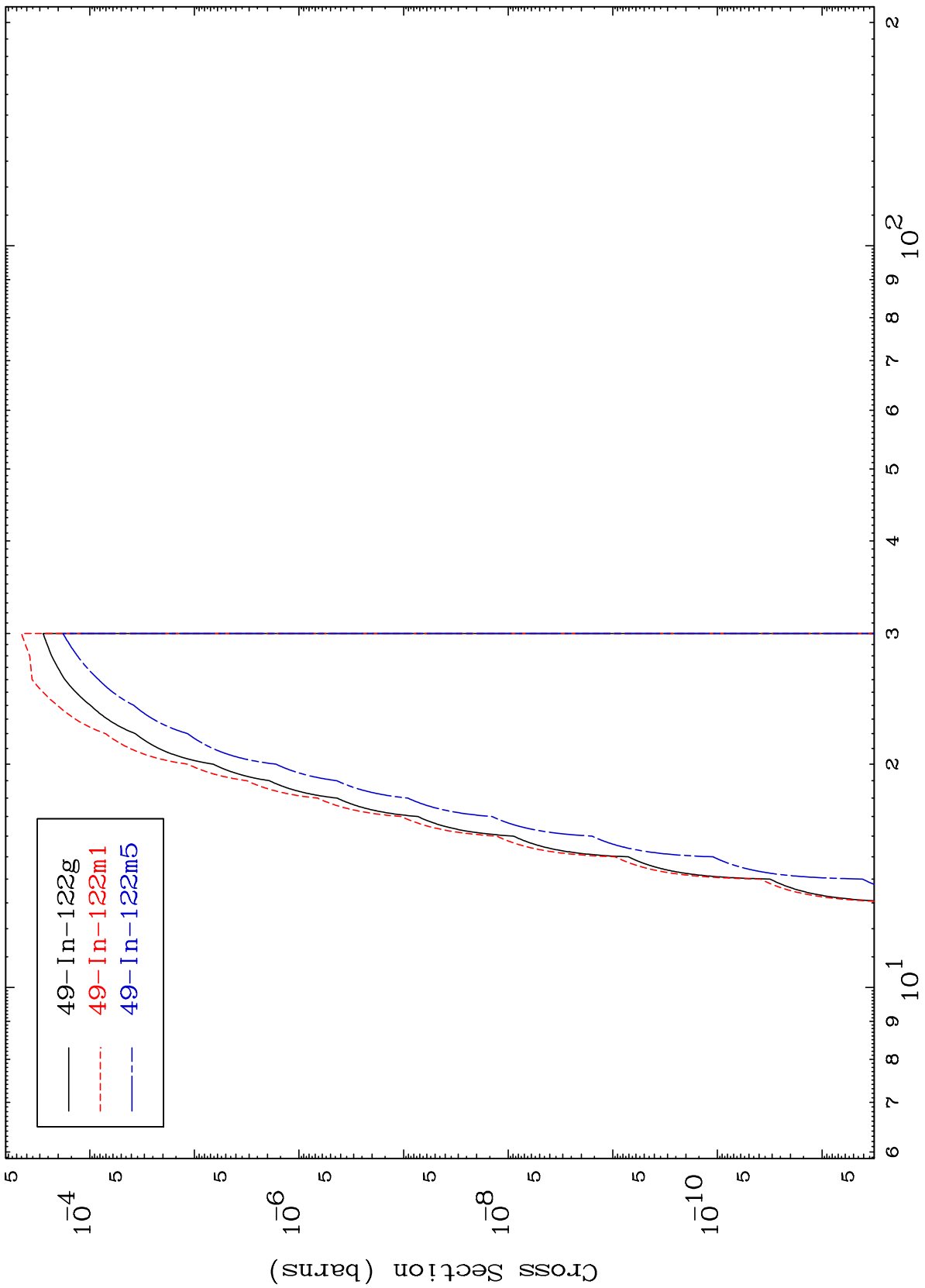
(n,d)

50-Sn-123

Radionuclide Production Cross Section



Radionuclide Production Cross Section (n,He-3)

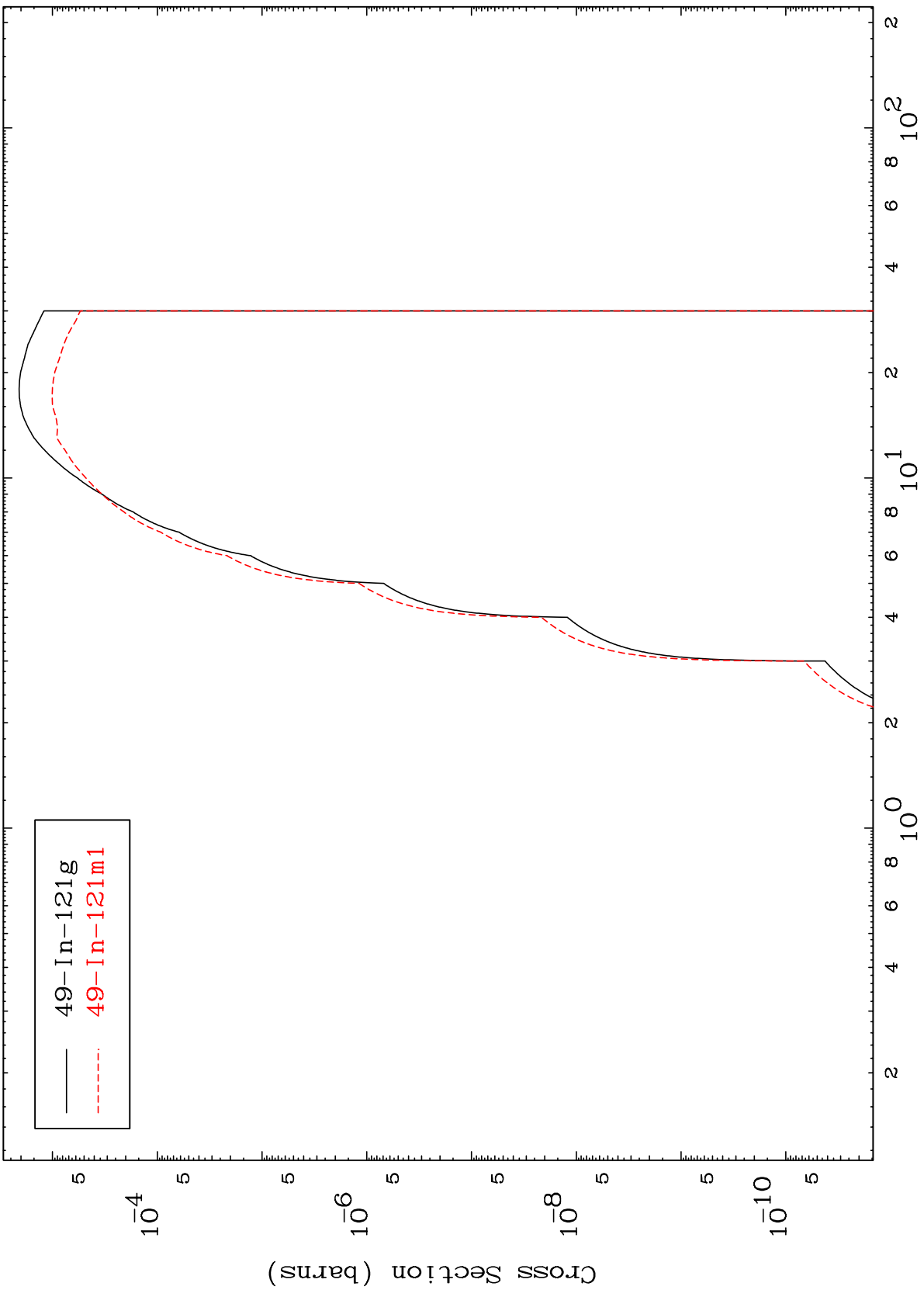


49-In-122g
49-In-122m1
49-In-122m5

MAT 5058

50-Sn-123

(n, α)
Radionuclide Production Cross Section

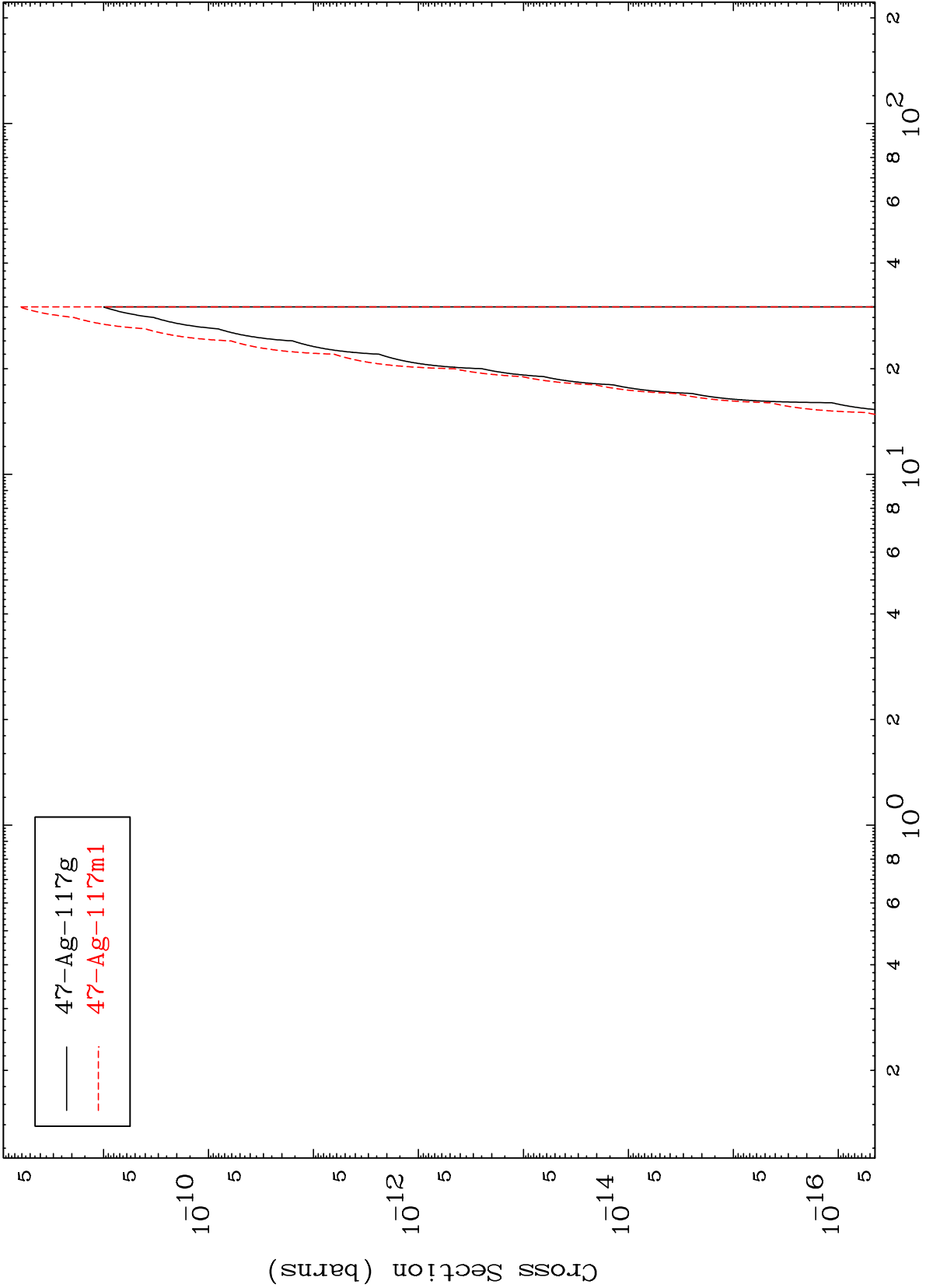


MAT 5058

(n,2α)

50-Sn-123

Radionuclide Production Cross Section

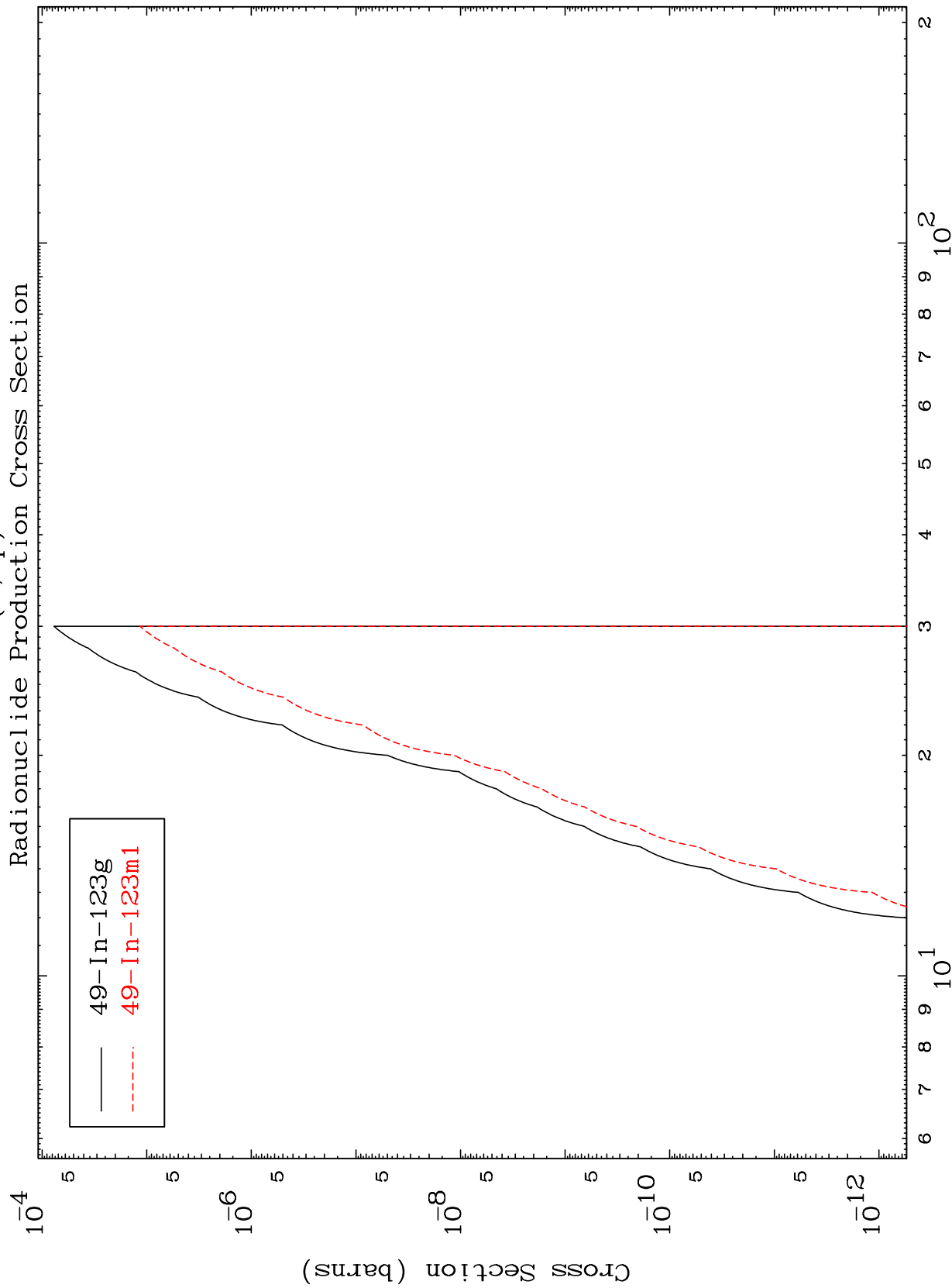


— 47-Ag-117g
- - - 47-Ag-117m1

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50-Sn-123

Radionuclide Production Cross Section (n,2p)



29

Incident Energy (MeV)

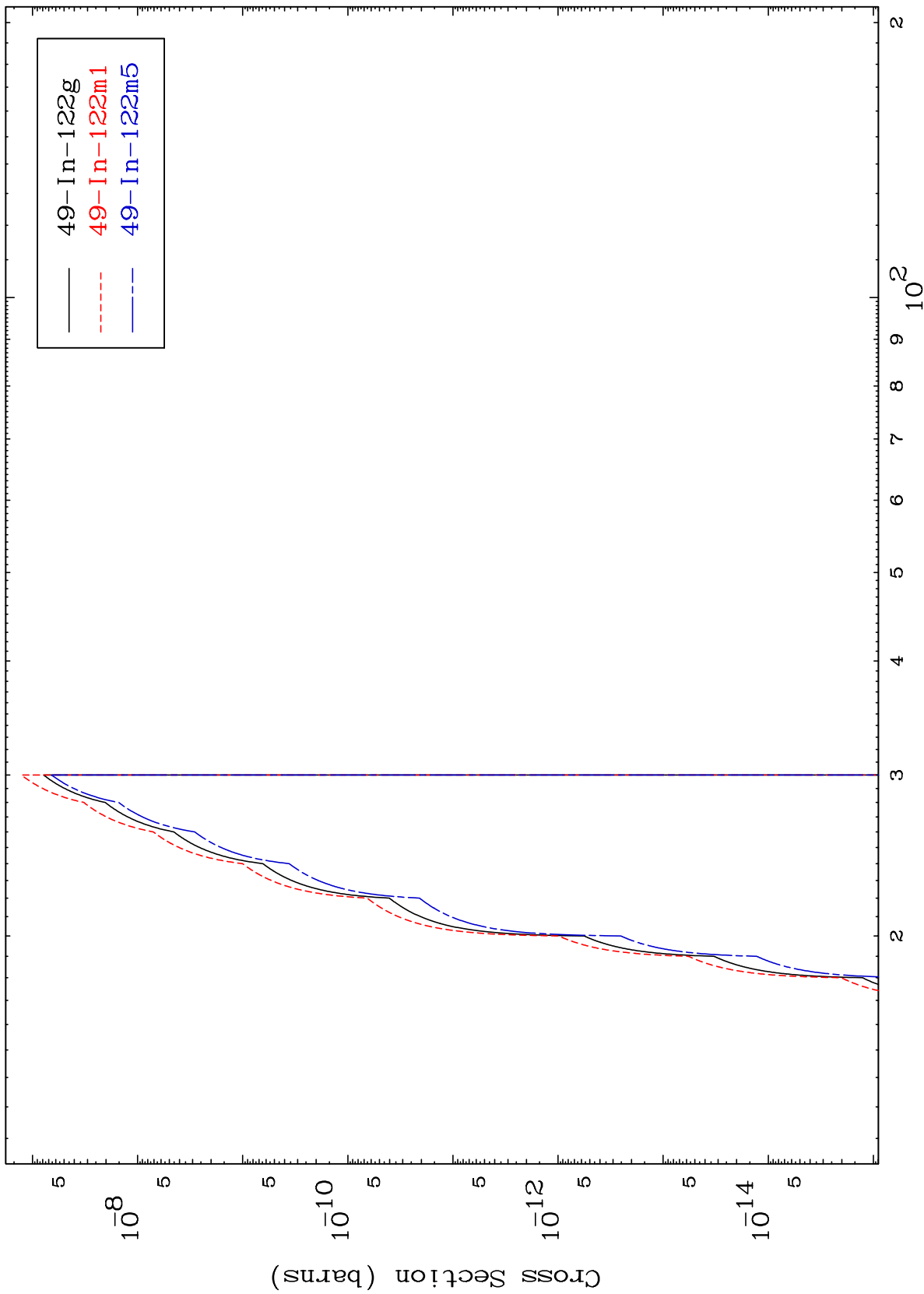
50-Sn-123

MAT 5058

(n,p) d

50-Sn-123

Radionuclide Production Cross Section



30

Incident Energy (MeV)

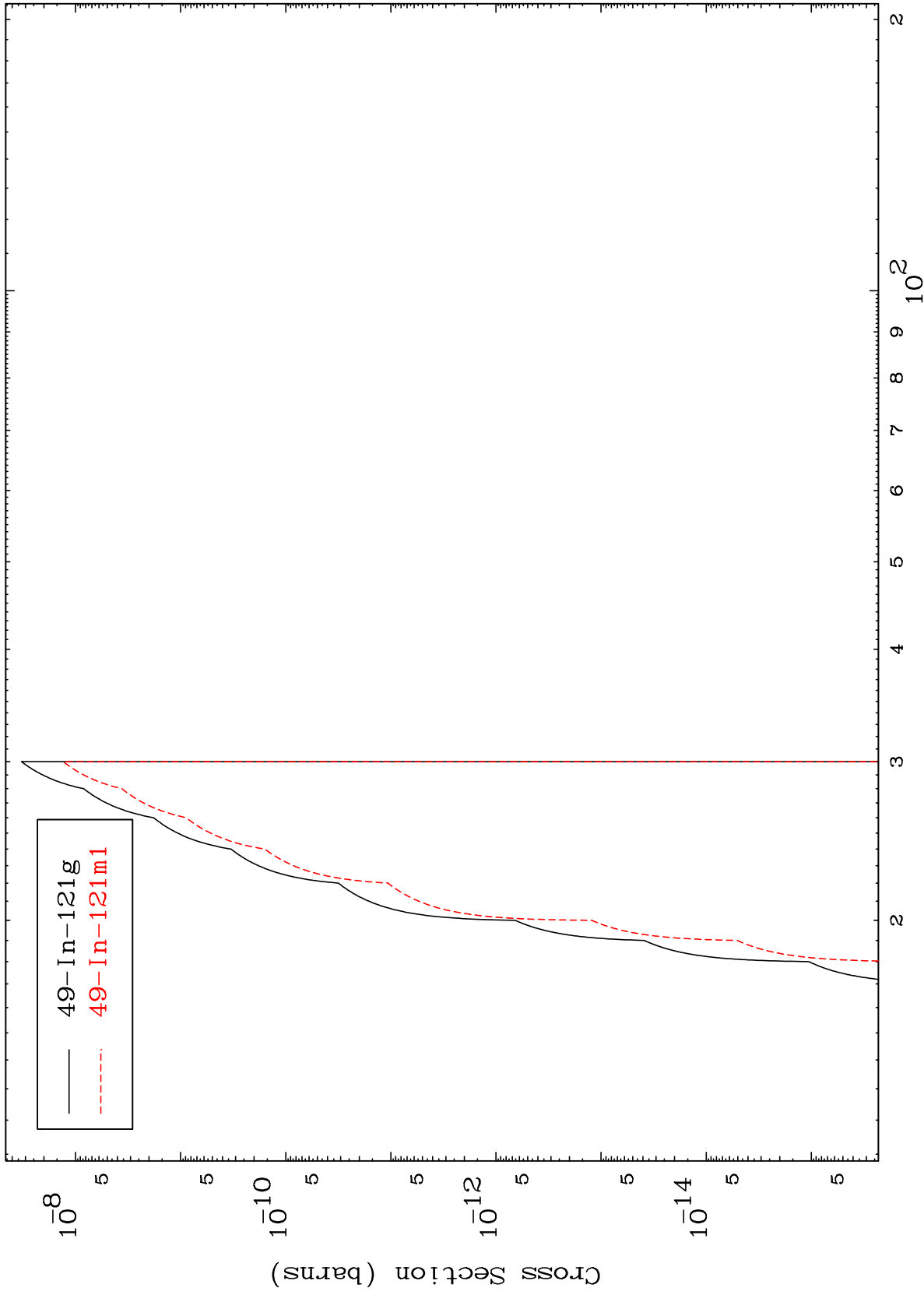
50-Sn-123

MAT 5058

(n,p) t

50-Sn-123

Radionuclide Production Cross Section

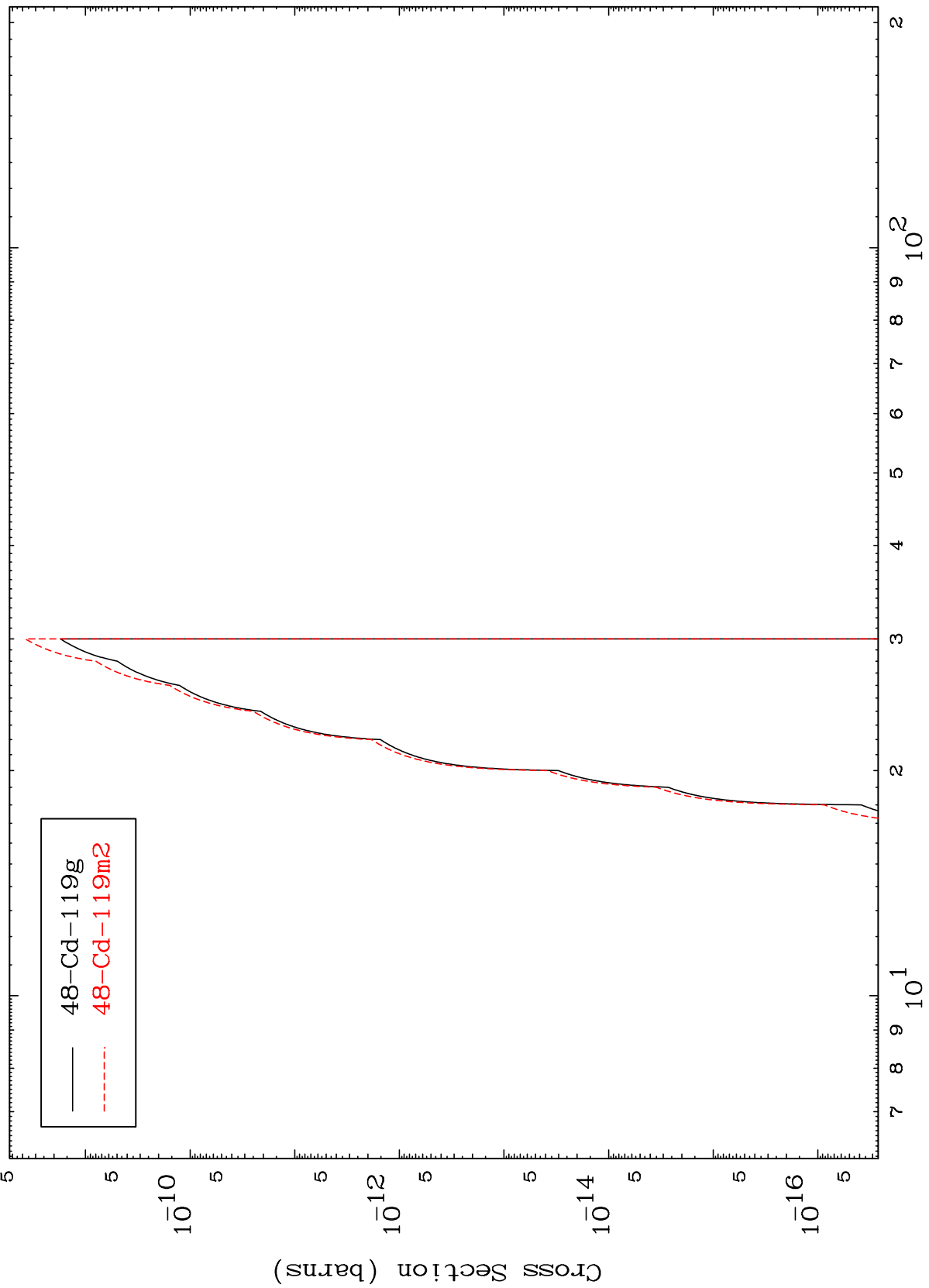


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50-Sn-123

(n,d) α

Radionuclide Production Cross Section



48-Cd-119g
48-Cd-119m2

50-Sn-123

Incident Energy (MeV)

32