

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

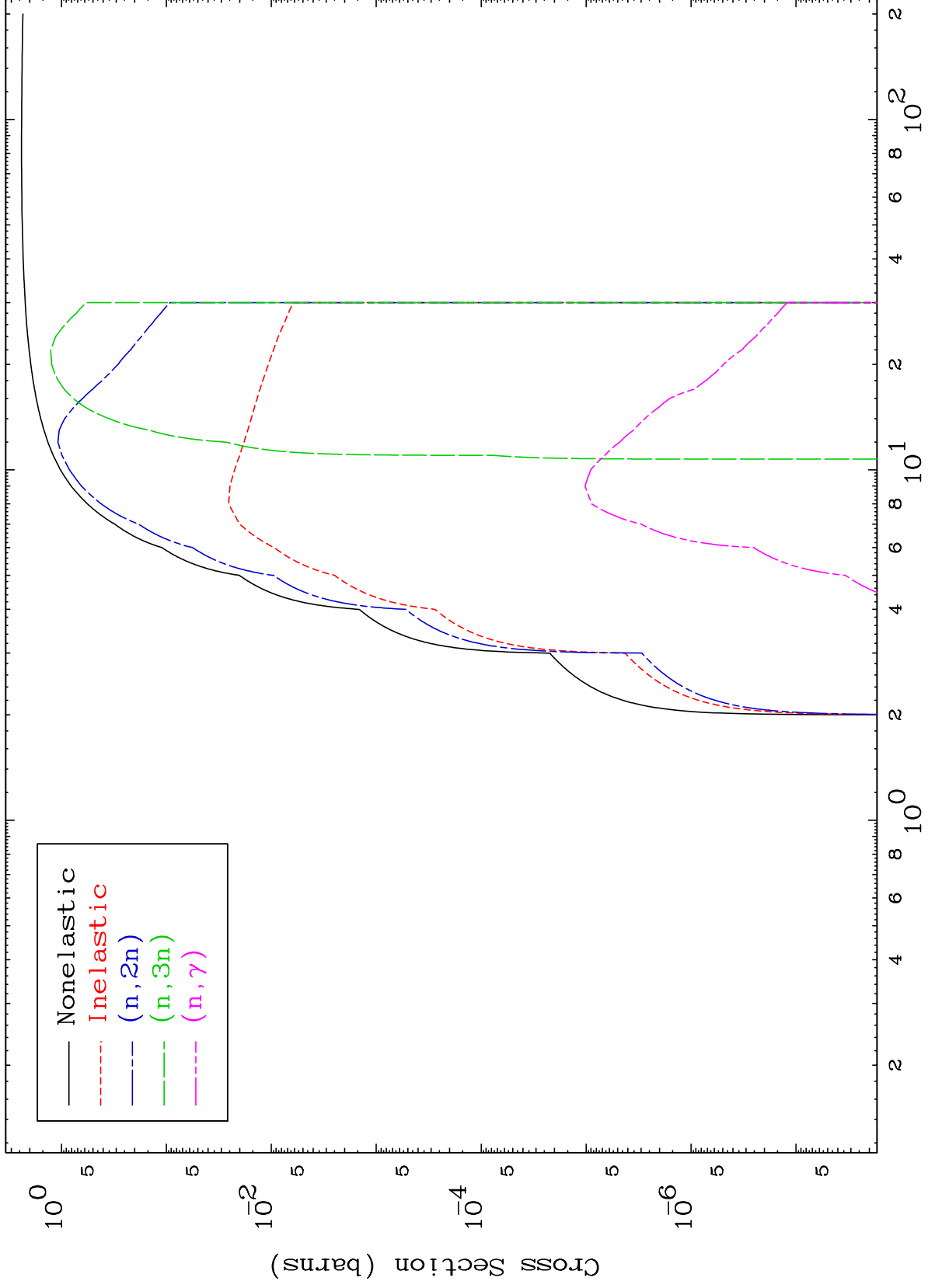
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E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

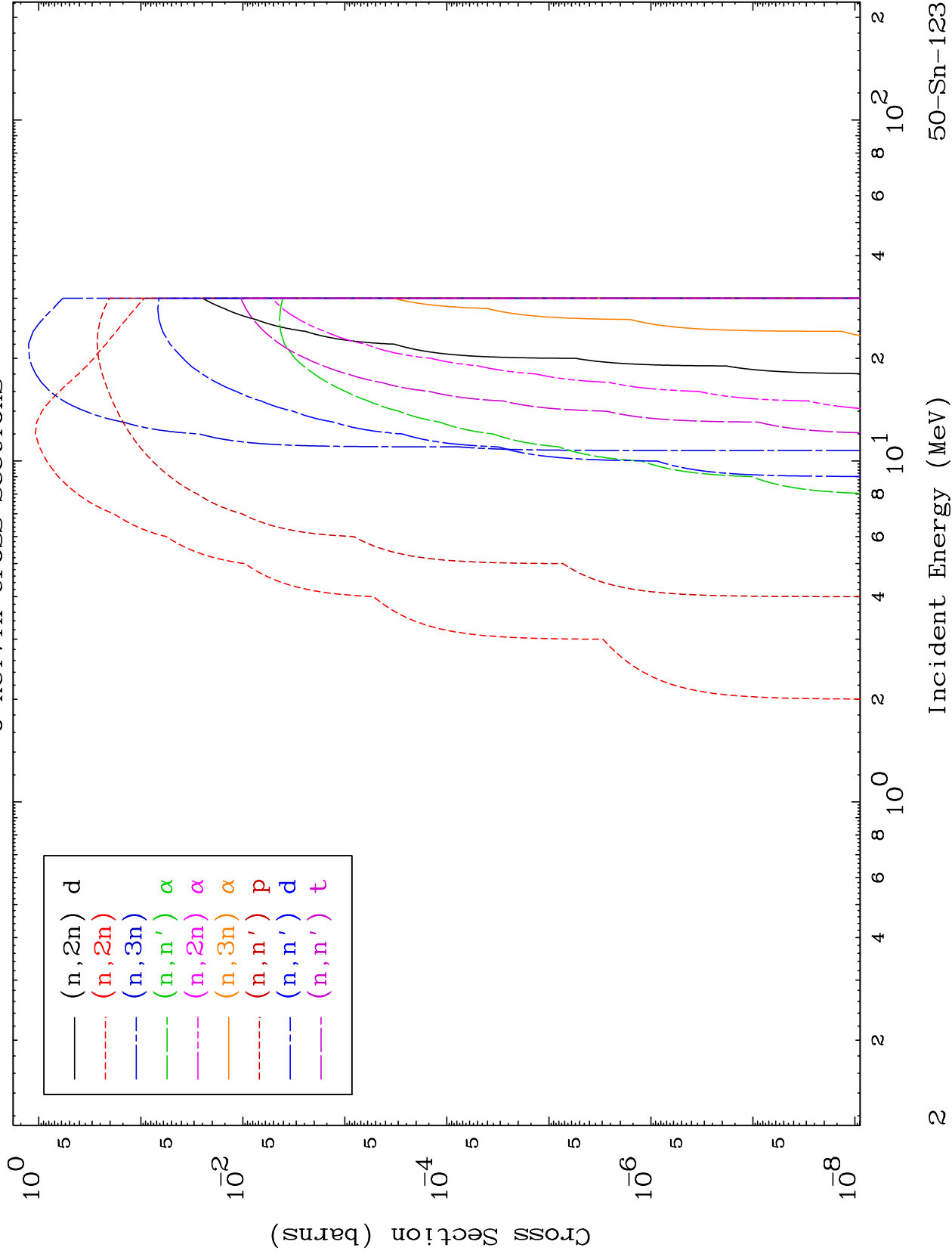
Press Mouse Button to Start



MAT 5058

Deuteron Neutron Absorption
0 Kelvin Cross Sections

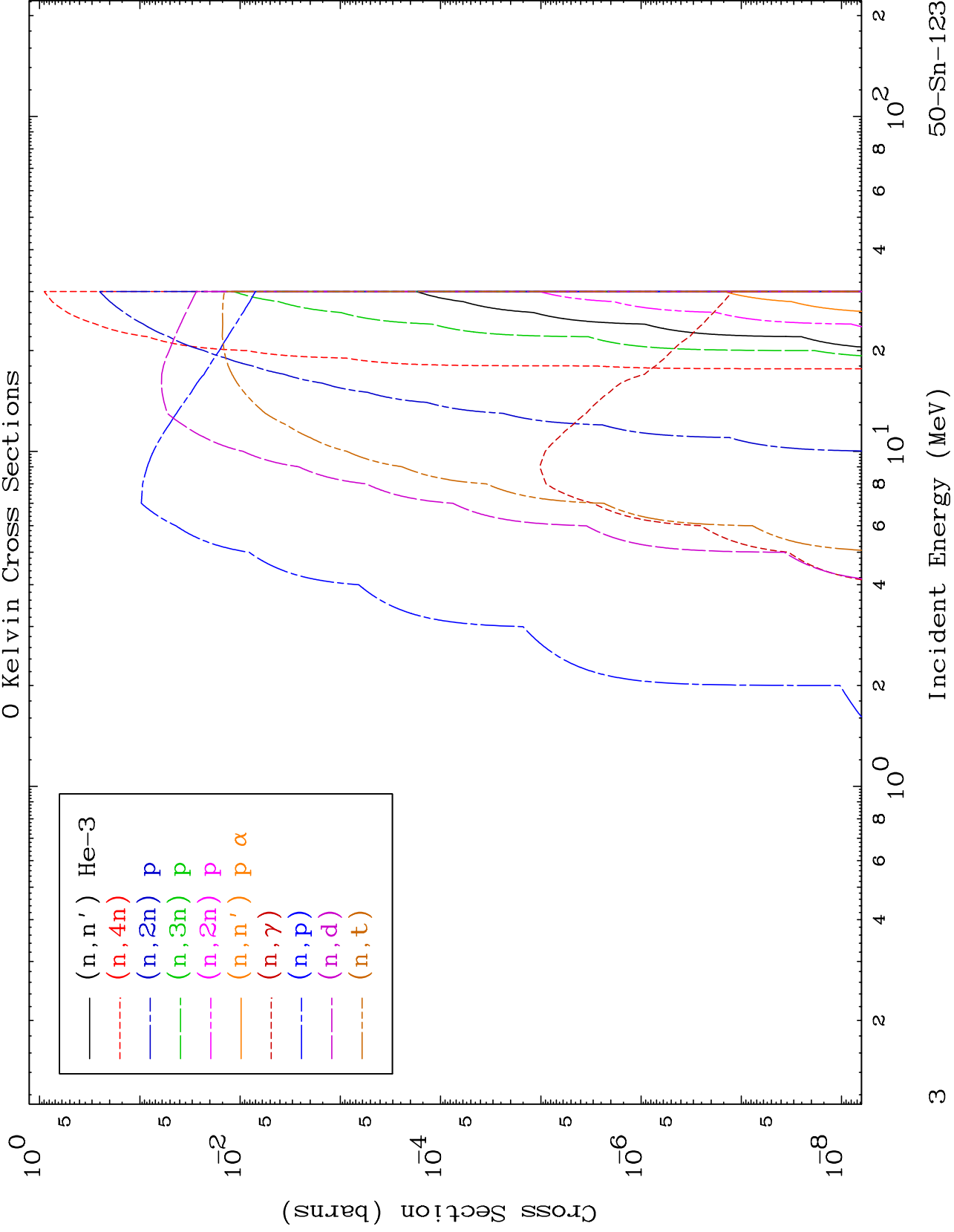
50-Sn-123



MAT 5058

Deuteron Neutron Absorption
0 Kelvin Cross Sections

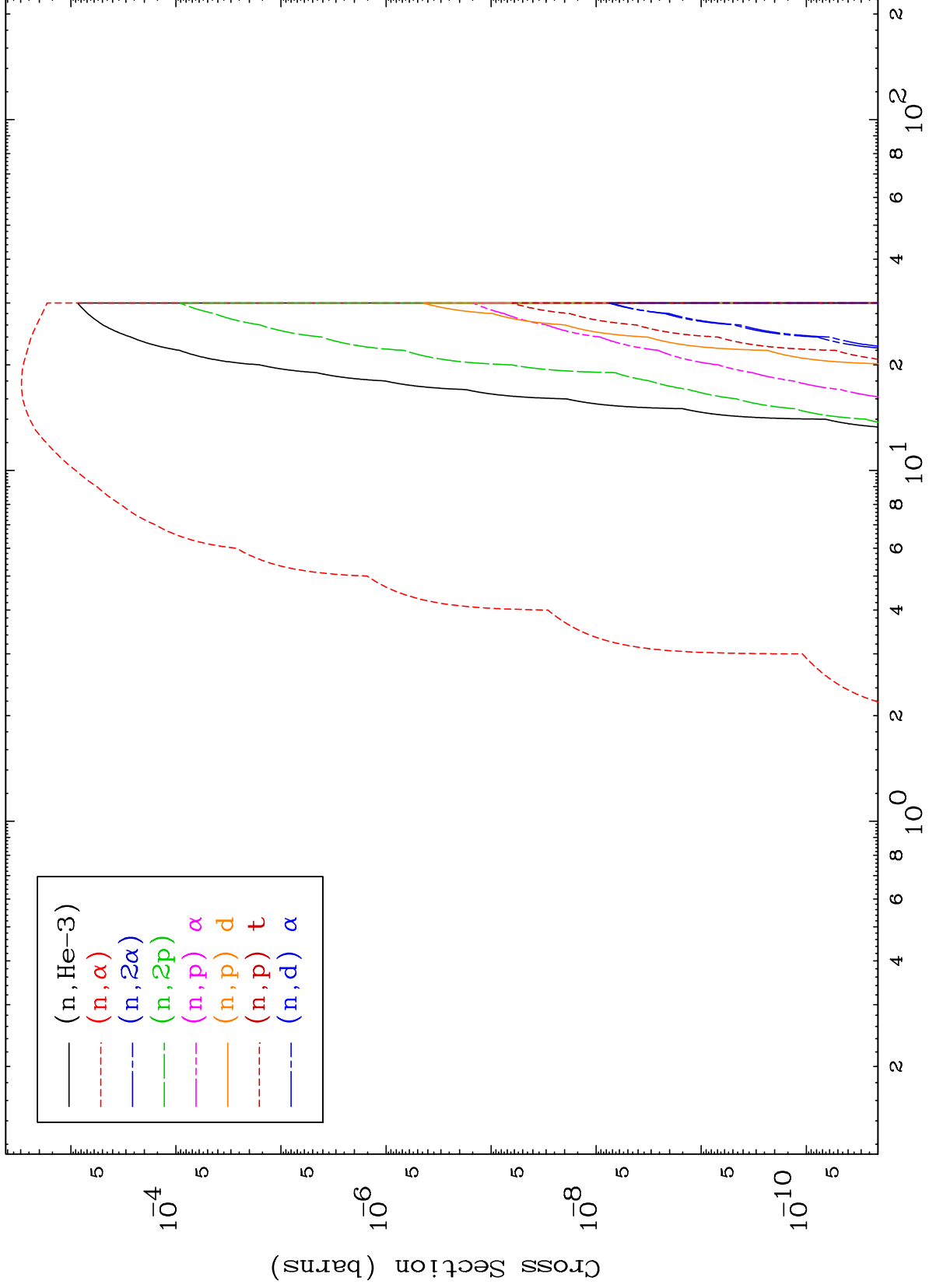
50-Sn-123



MAT 5058

Deuteron Neutron Absorption
0 Kelvin Cross Sections

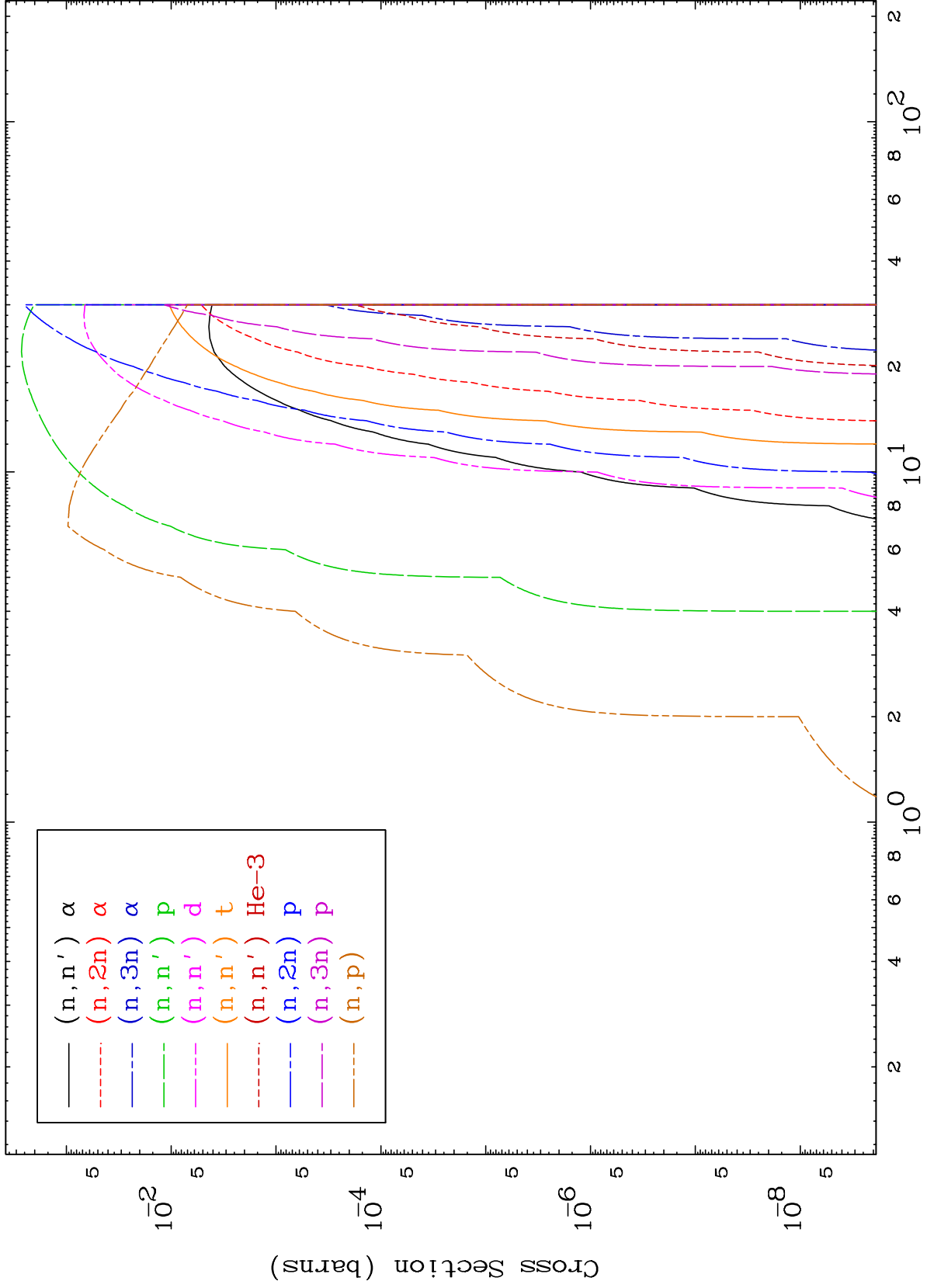
50-Sn-123

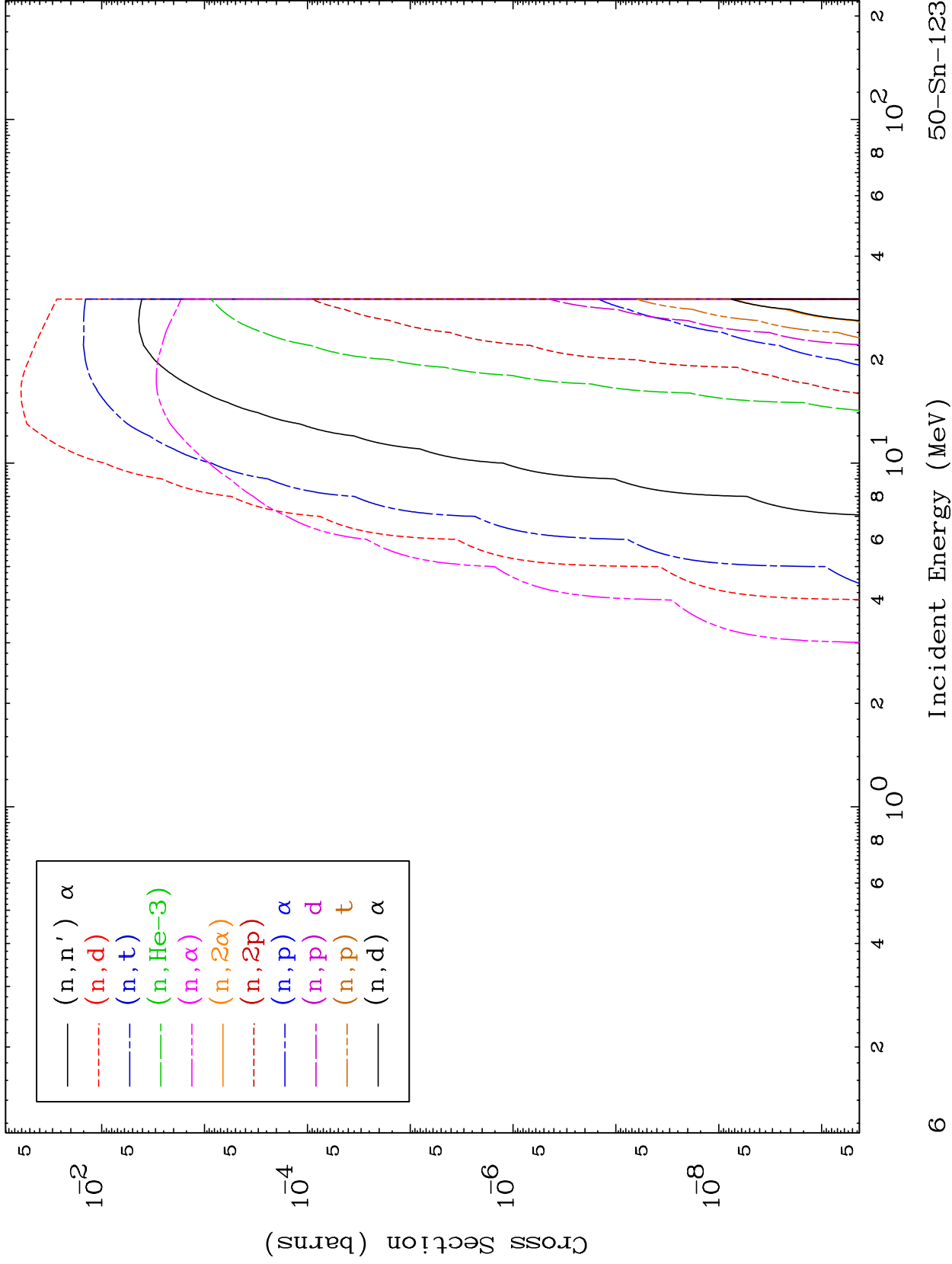


MAT 5058

Deuteron Charged Particle
0 Kelvin Cross Sections

50-Sn-123



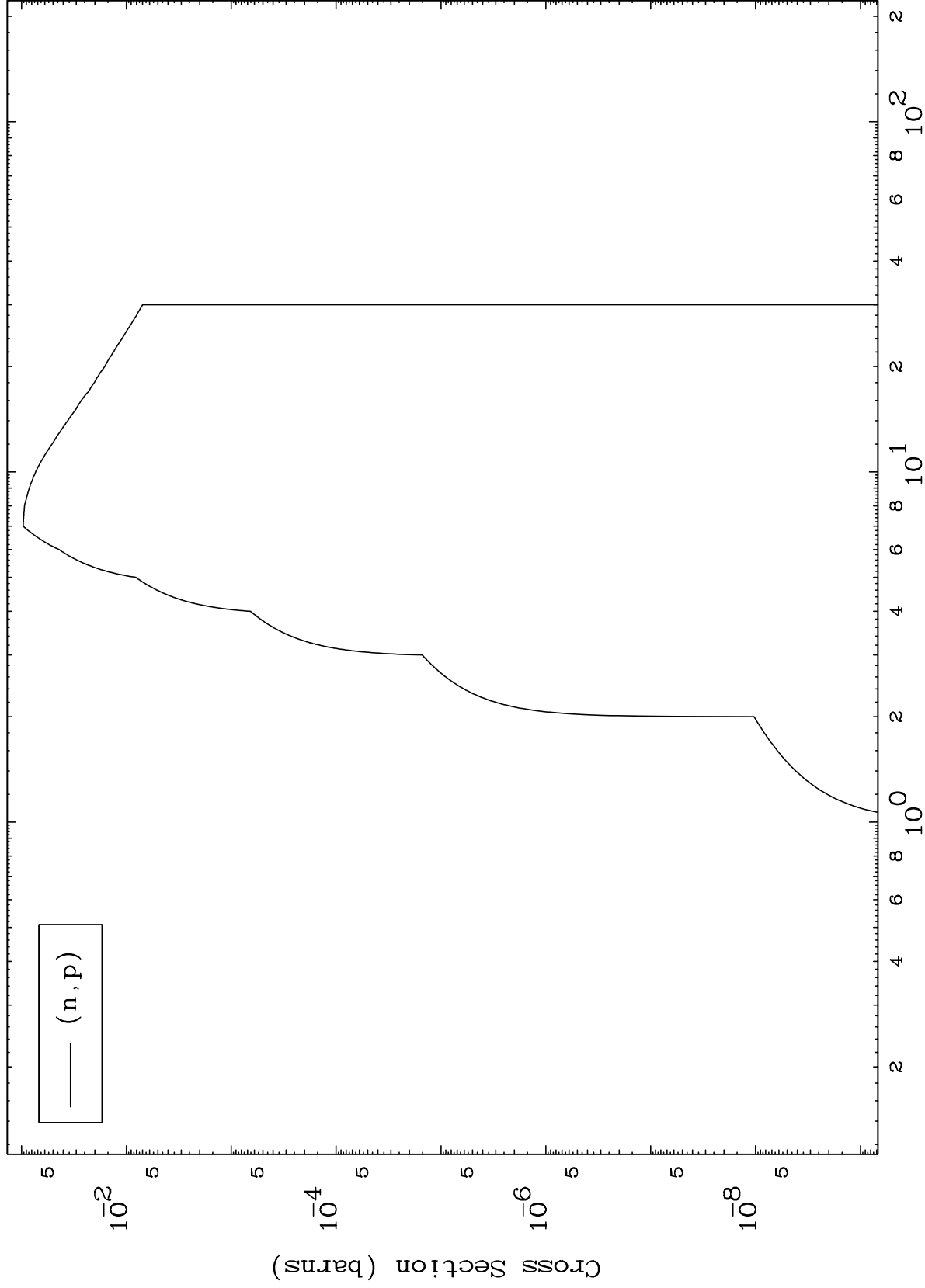


MAT 5058

(d,p) Levels

50-Sn-123

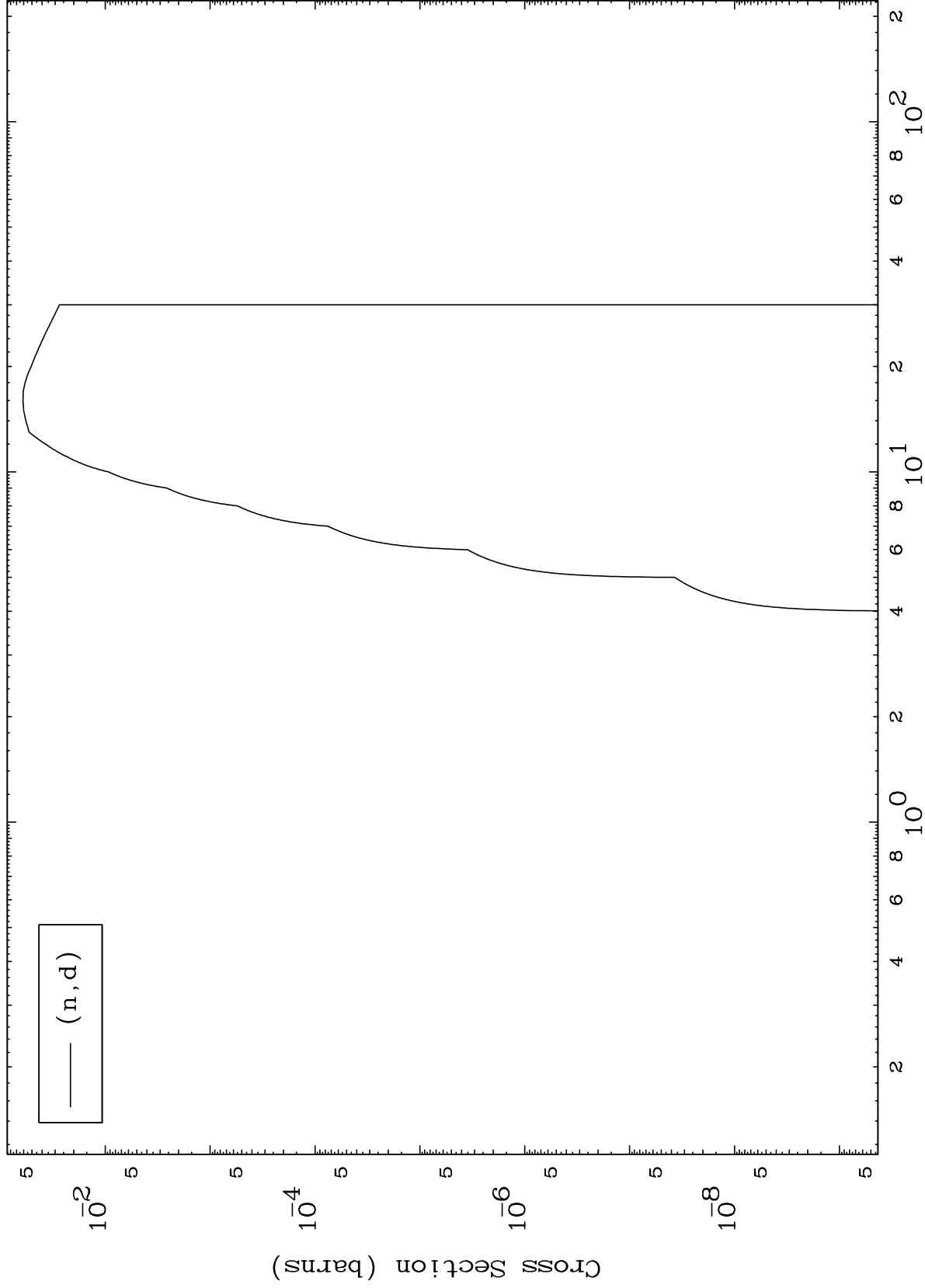
0 Kelvin Cross Sections



MAT 5058

50-Sn-123

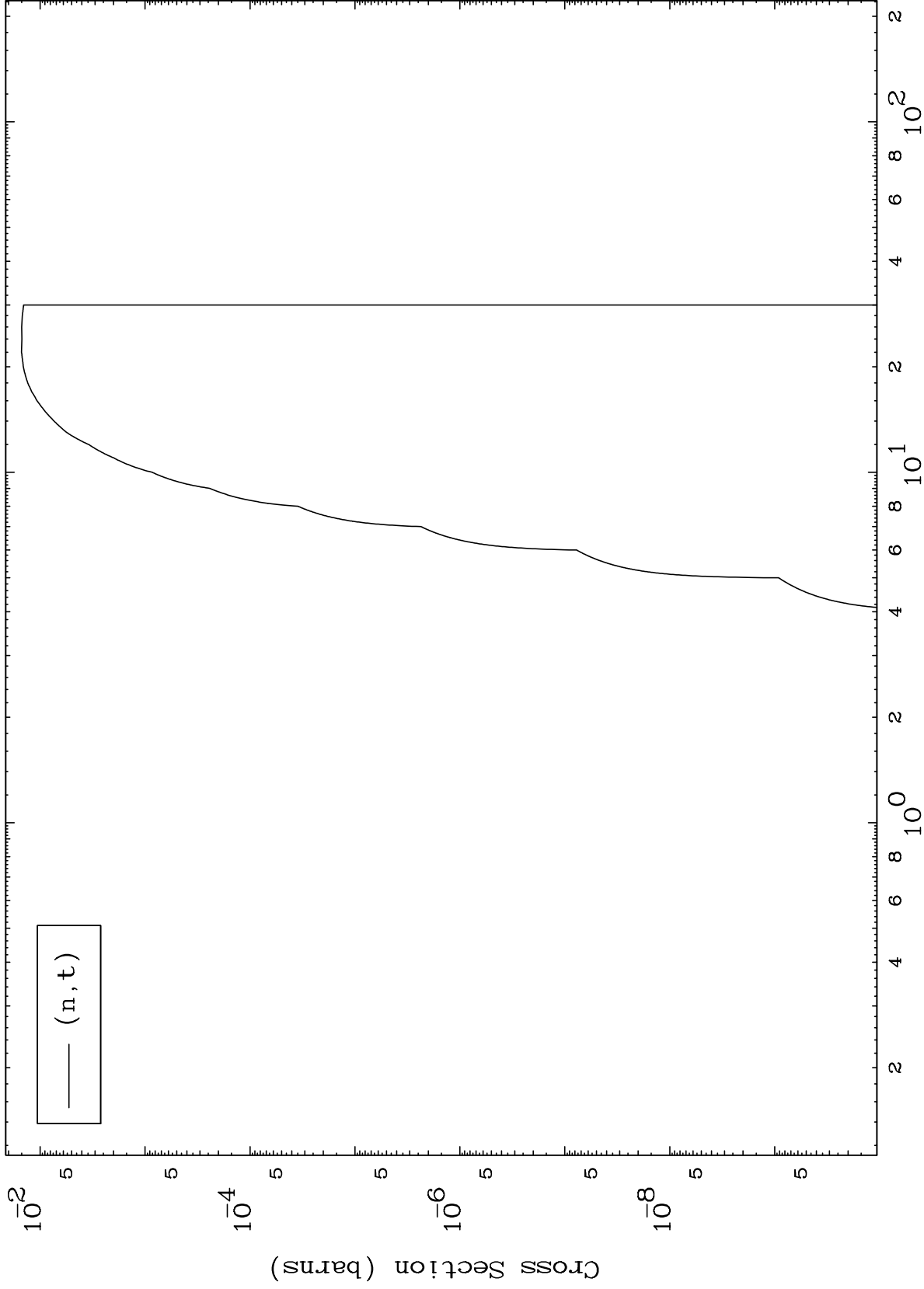
(d,d) Levels
0 Kelvin Cross Sections



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50-Sn-123

(d,t) Levels
0 Kelvin Cross Sections



50-Sn-123

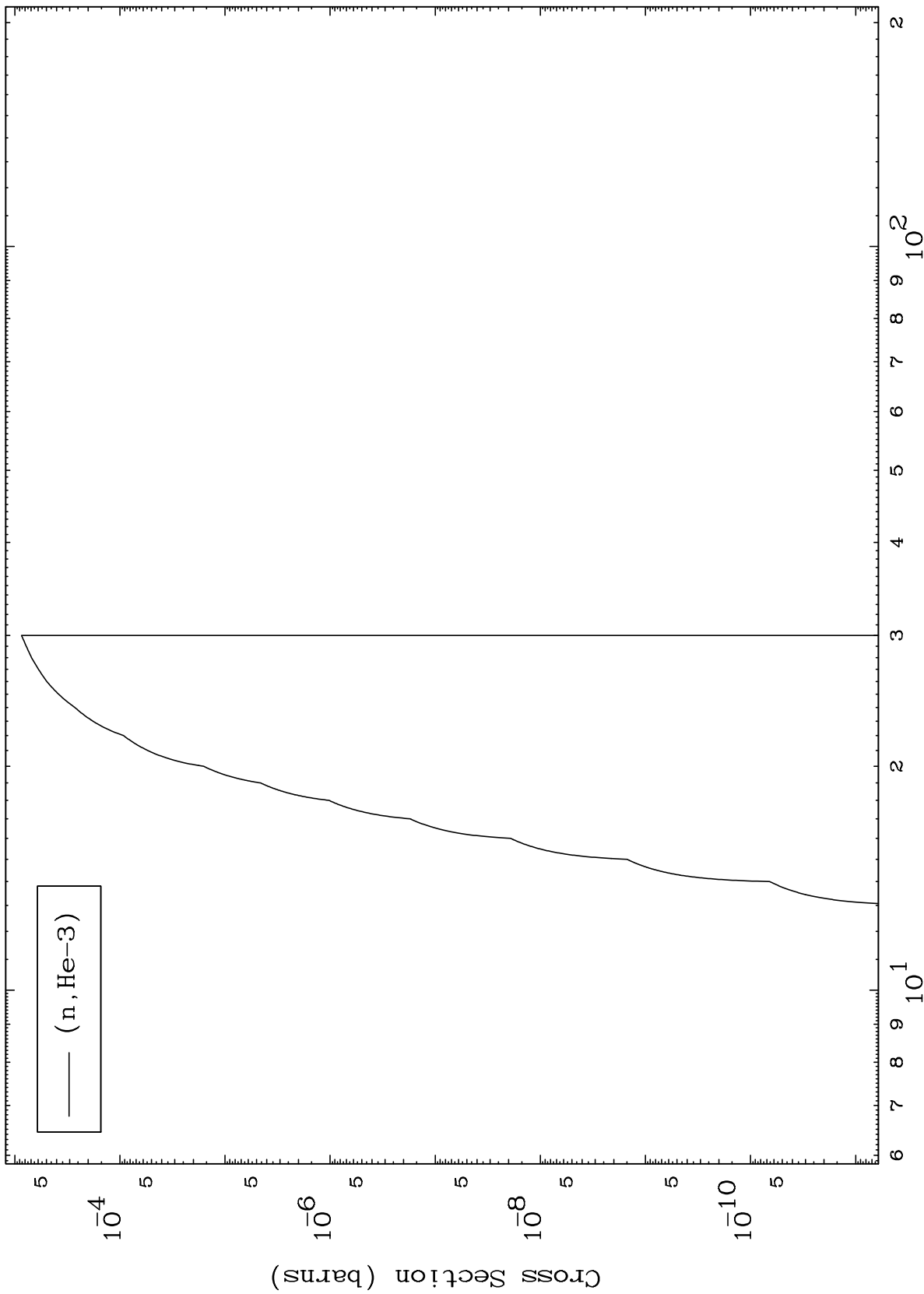
Incident Energy (MeV)

9

MAT 5058

50-Sn-123

(d,He3) Levels
0 Kelvin Cross Sections



50-Sn-123

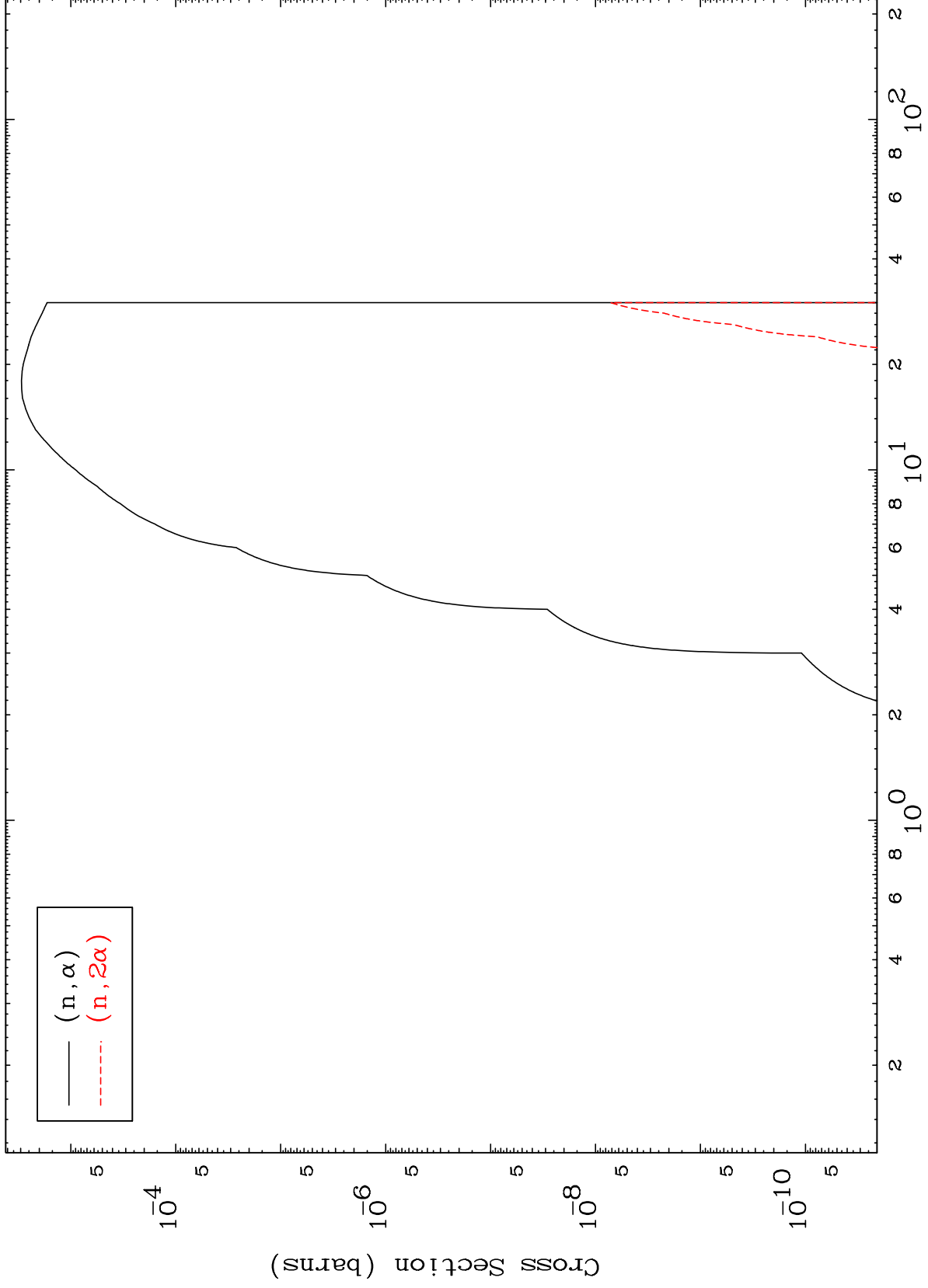
Incident Energy (MeV)

10

MAT 5058

(d, α) Levels
0 Kelvin Cross Sections

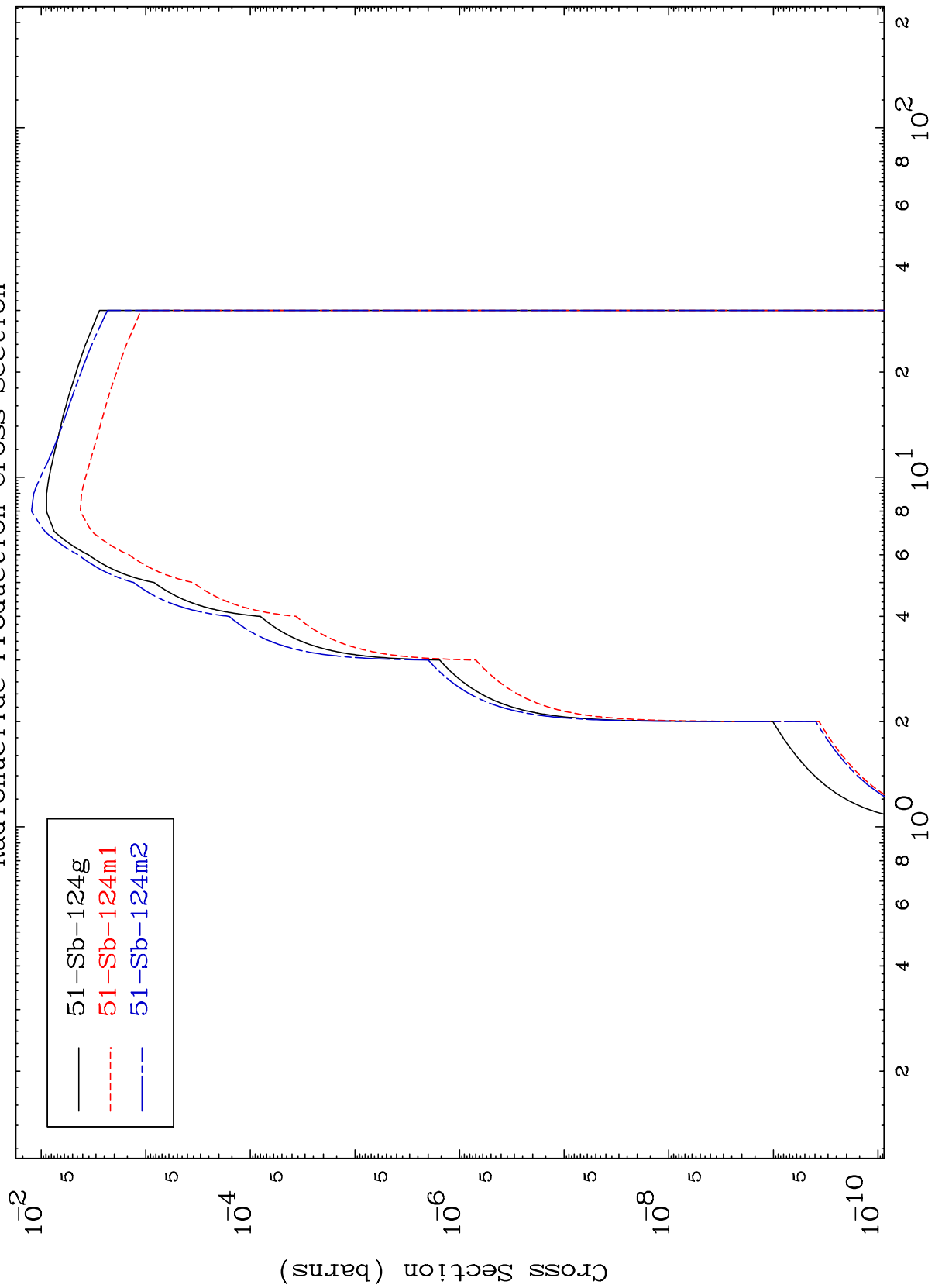
50-Sn-123



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50-Sn-123

Inelastic
Radionuclide Production Cross Section



50-Sn-123

Incident Energy (MeV)

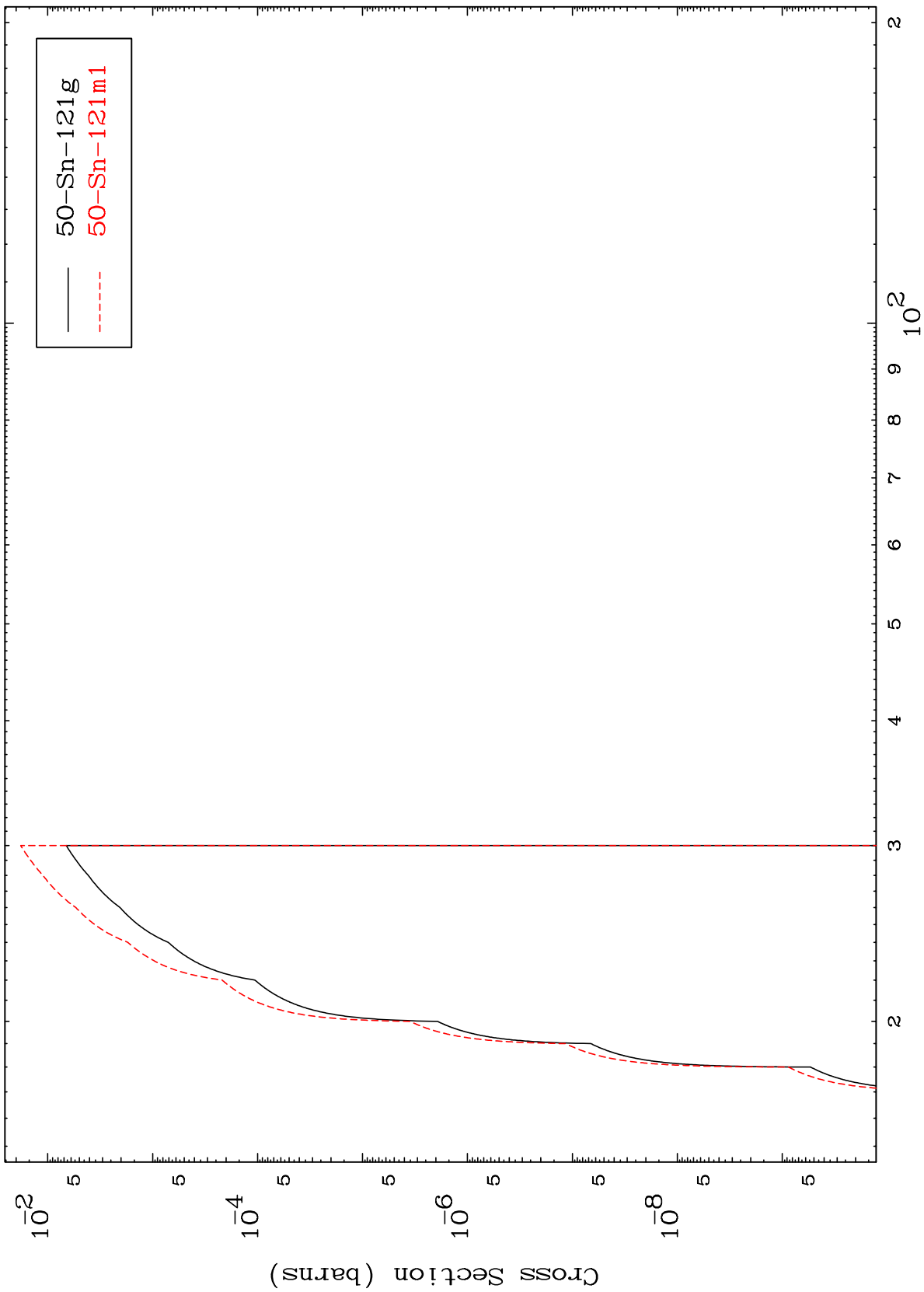
12

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(n,2n) d

50-Sn-123

Radionuclide Production Cross Section



13

Incident Energy (MeV)

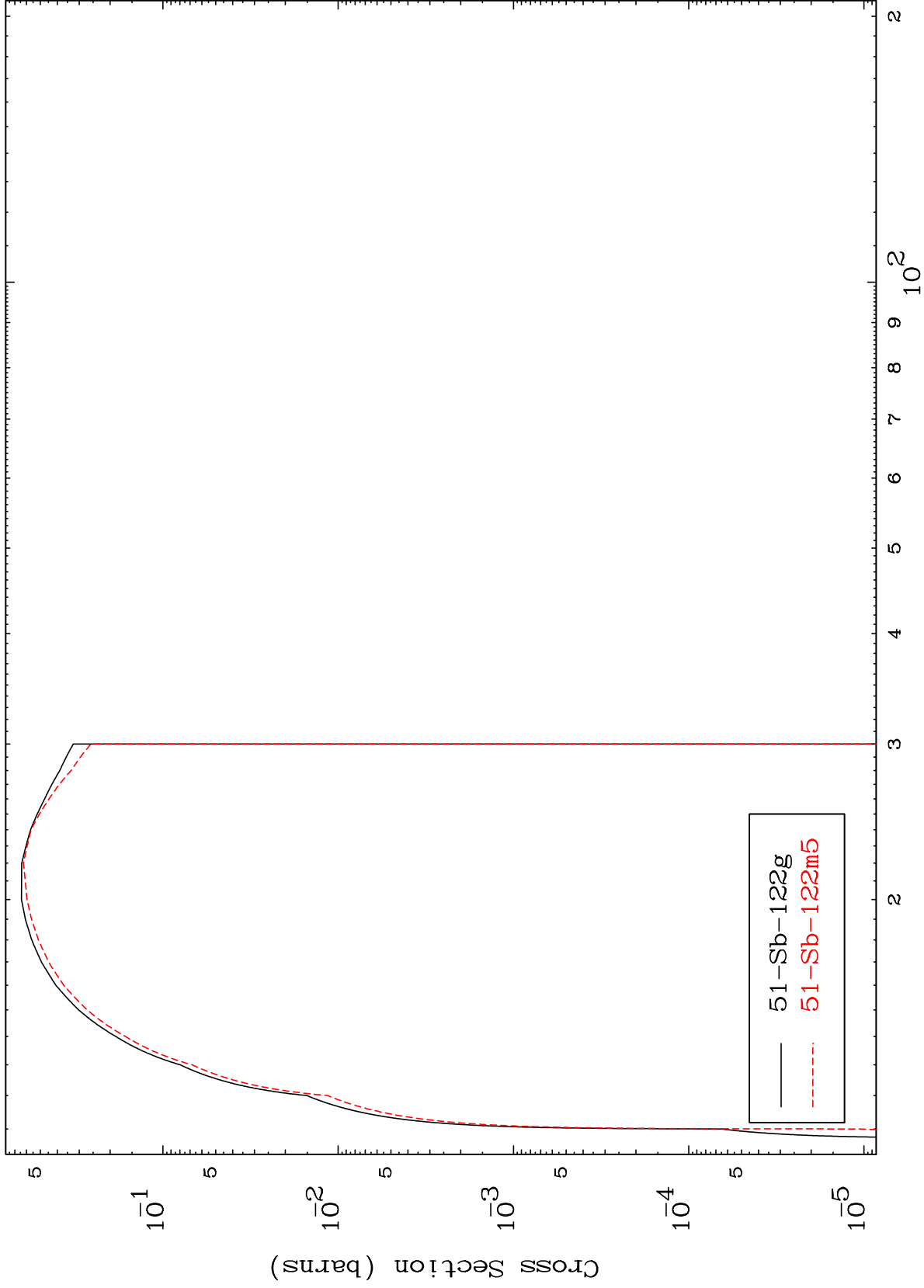
50-Sn-123

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(n,3n)

50-Sn-123

Radionuclide Production Cross Section



14

Incident Energy (MeV)

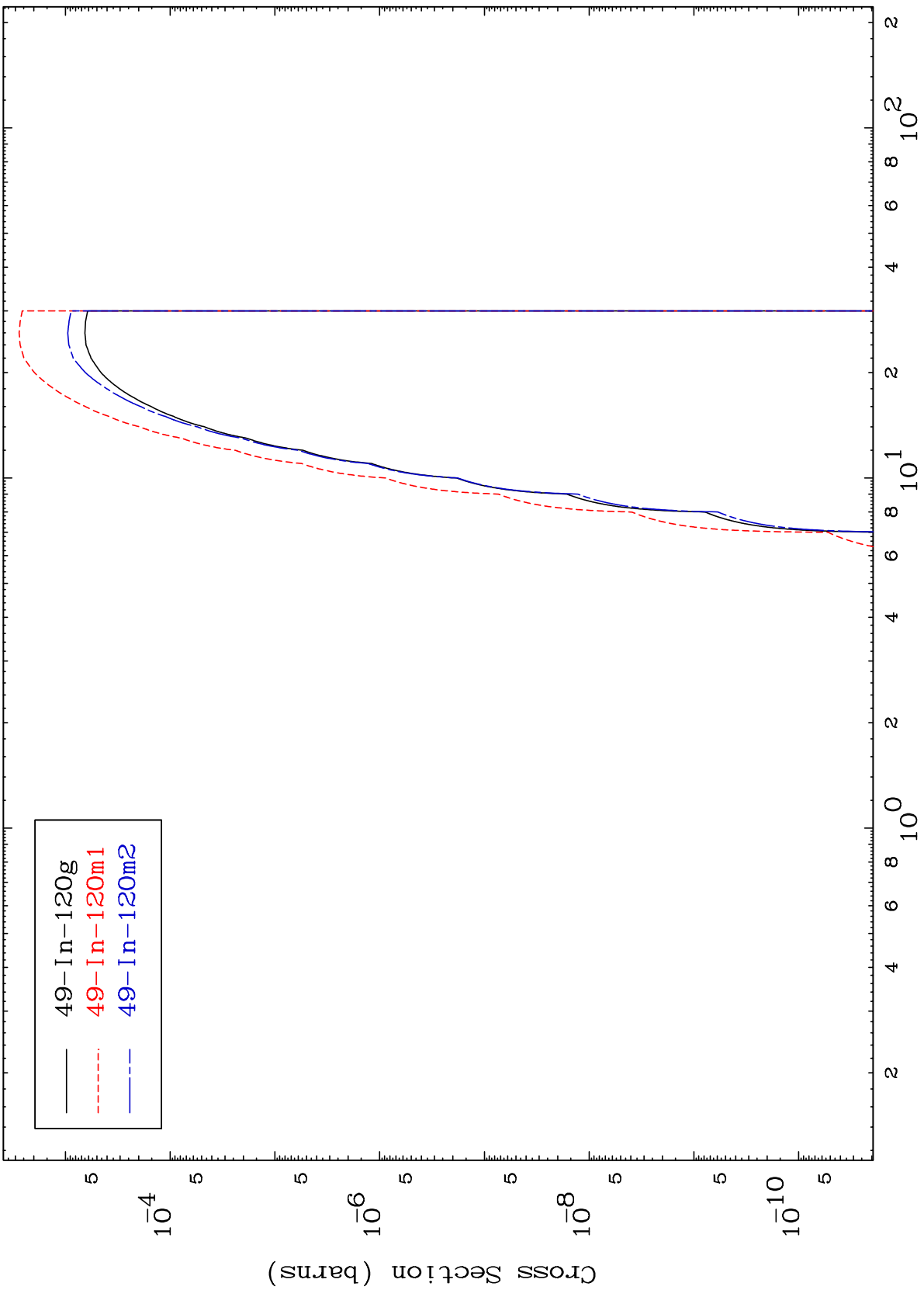
50-Sn-123

MAT 5058

$(n, n') \alpha$

50-Sn-123

Radionuclide Production Cross Section



15

Incident Energy (MeV)

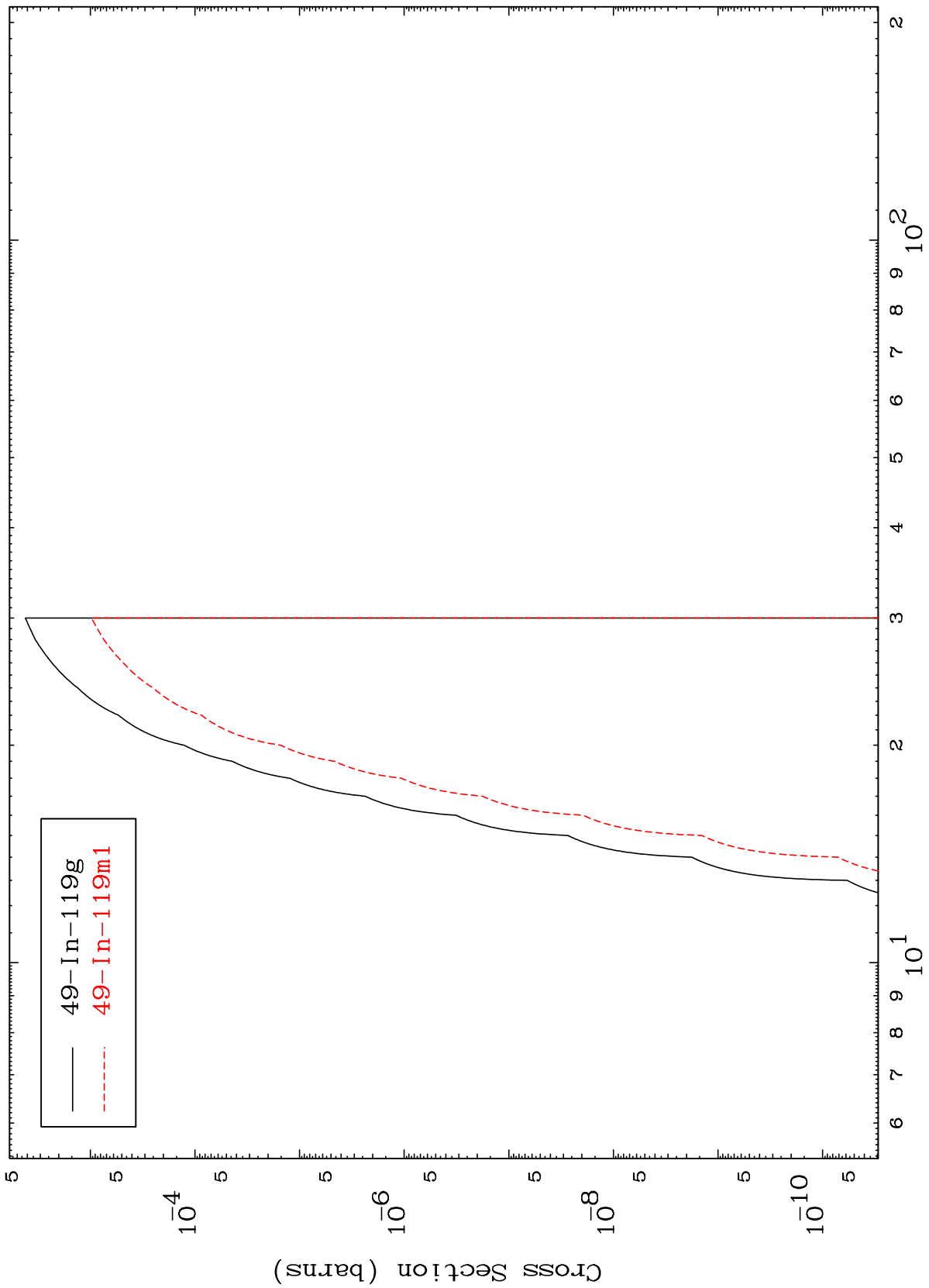
50-Sn-123

MAT 5058

$(n,2n) \alpha$

50-Sn-123

Radionuclide Production Cross Section



49-In-119g
49-In-119m1

16

Incident Energy (MeV)

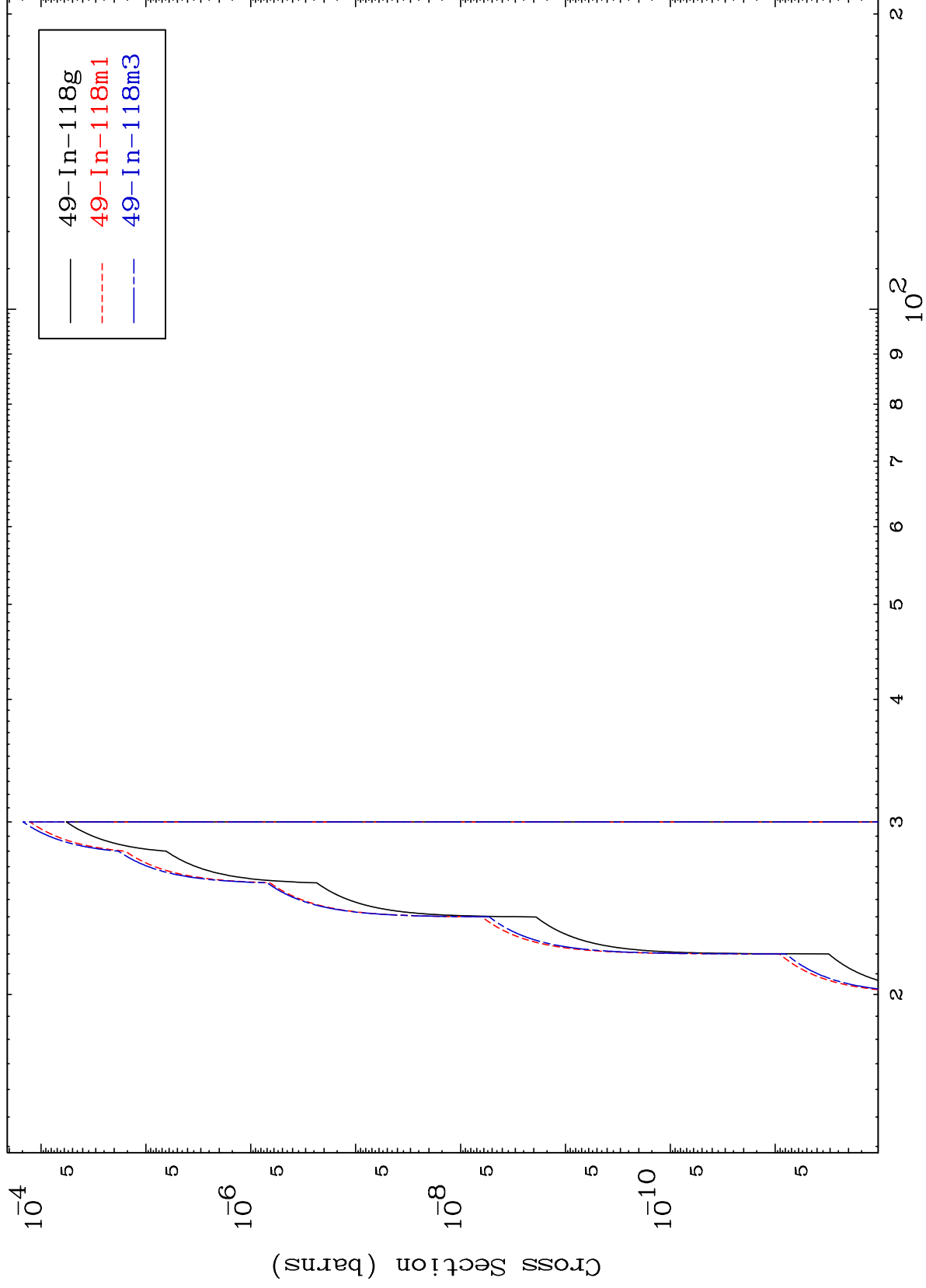
50-Sn-123

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(n,3n) α

50-Sn-123

Radionuclide Production Cross Section



17

Incident Energy (MeV)

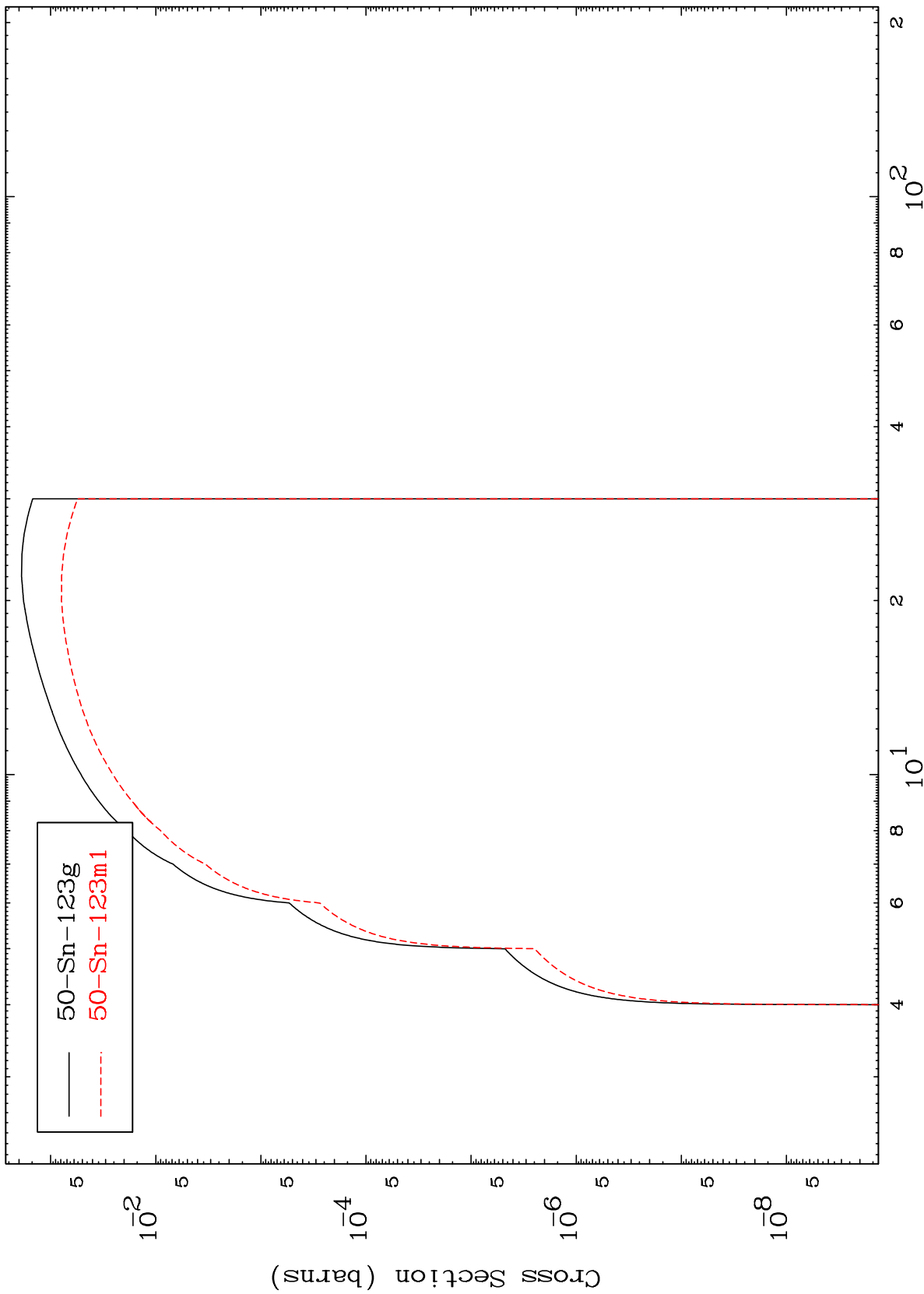
50-Sn-123

MAT 5058

(n,n') p

50-Sn-123

Radionuclide Production Cross Section

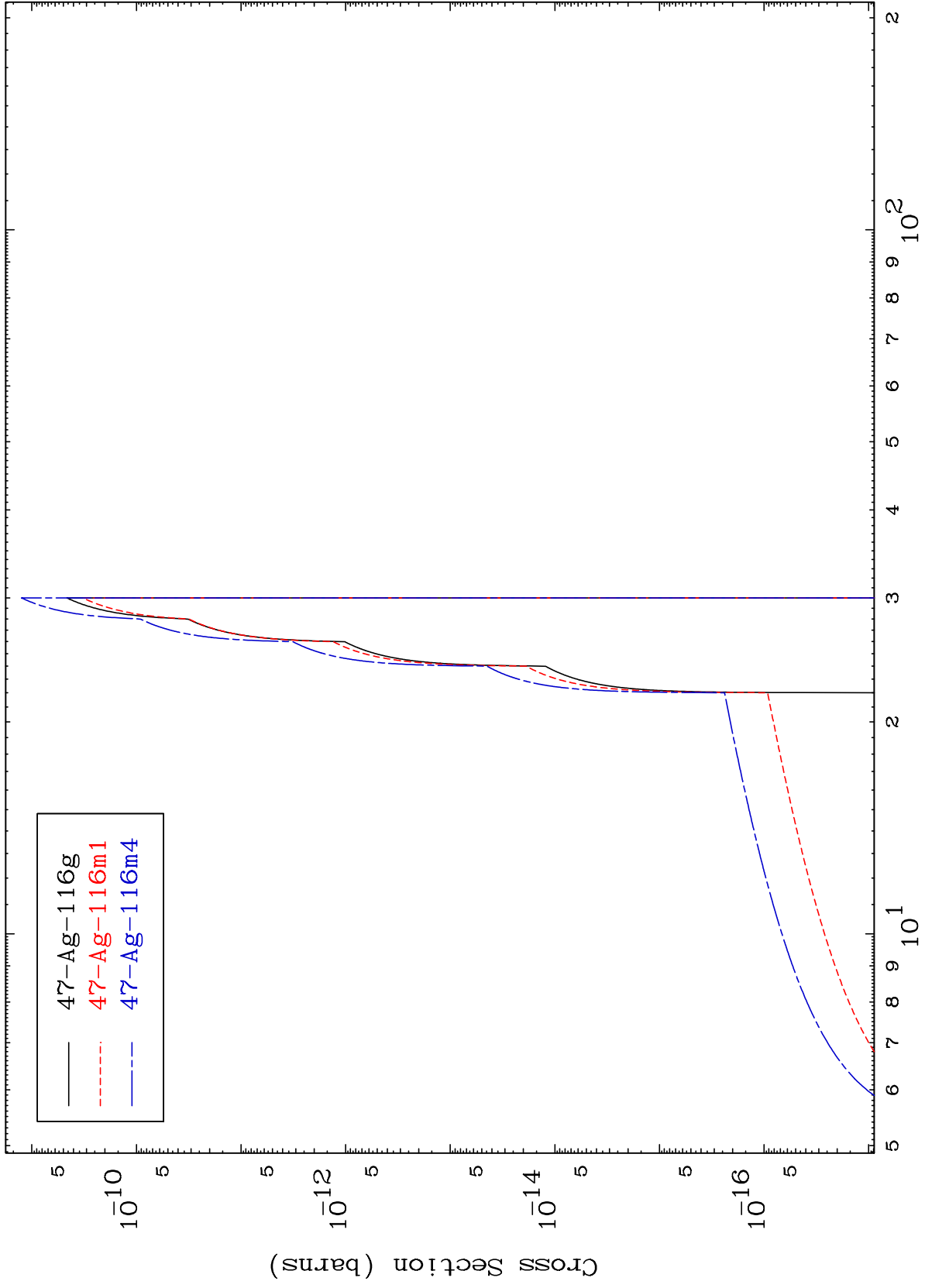


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(n,n') 2α

50-Sn-123

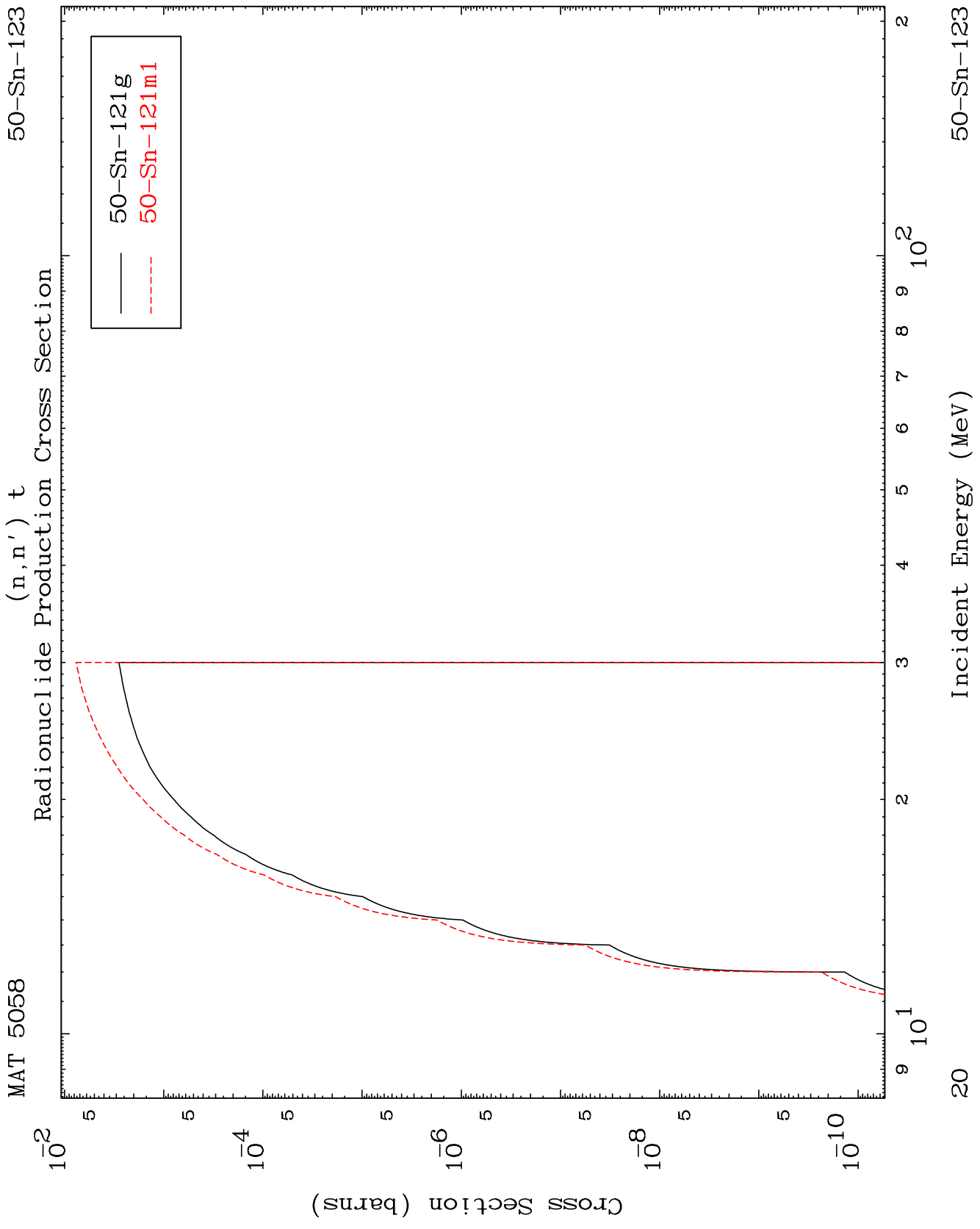
Radionuclide Production Cross Section

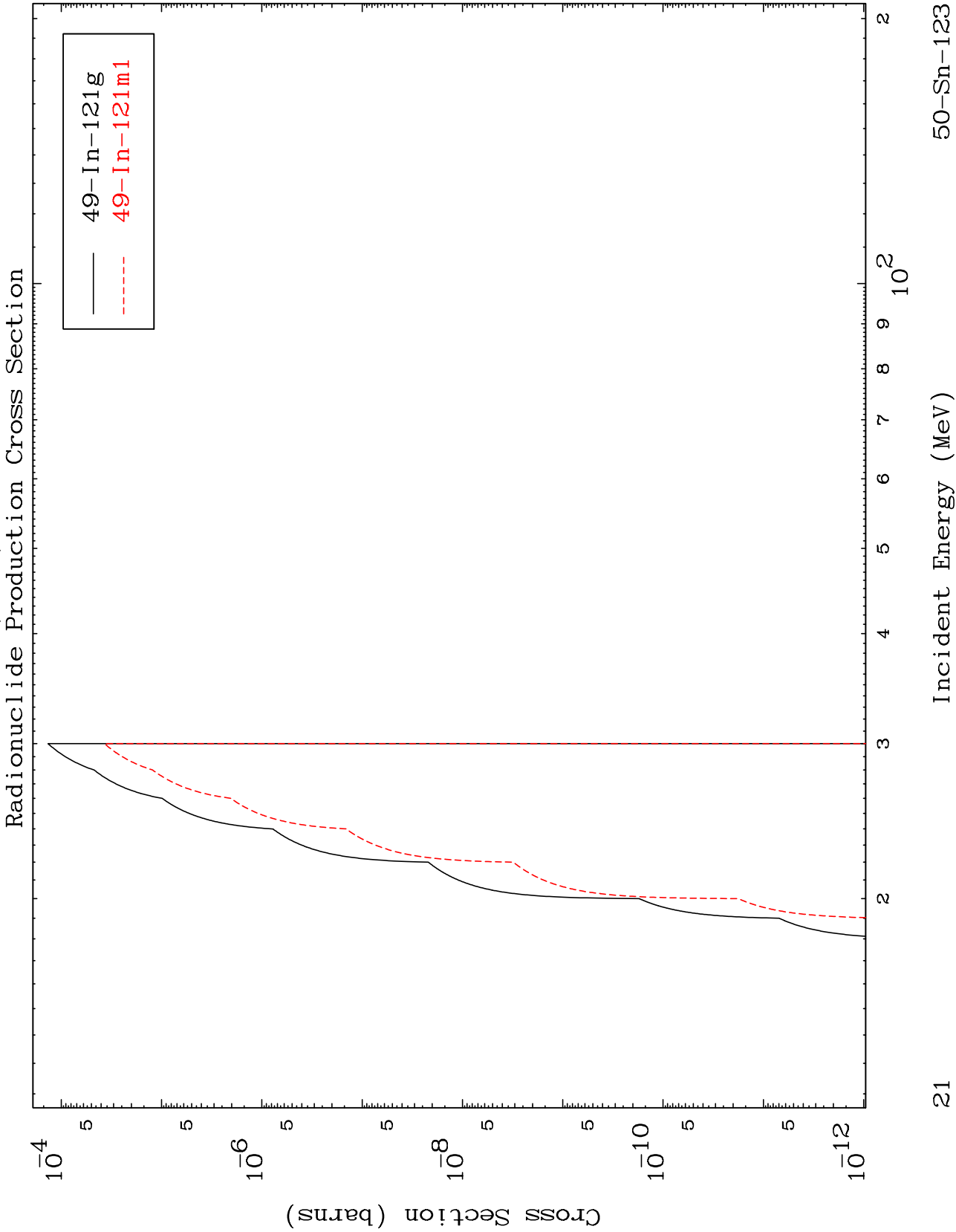


19

Incident Energy (MeV)

50-Sn-123



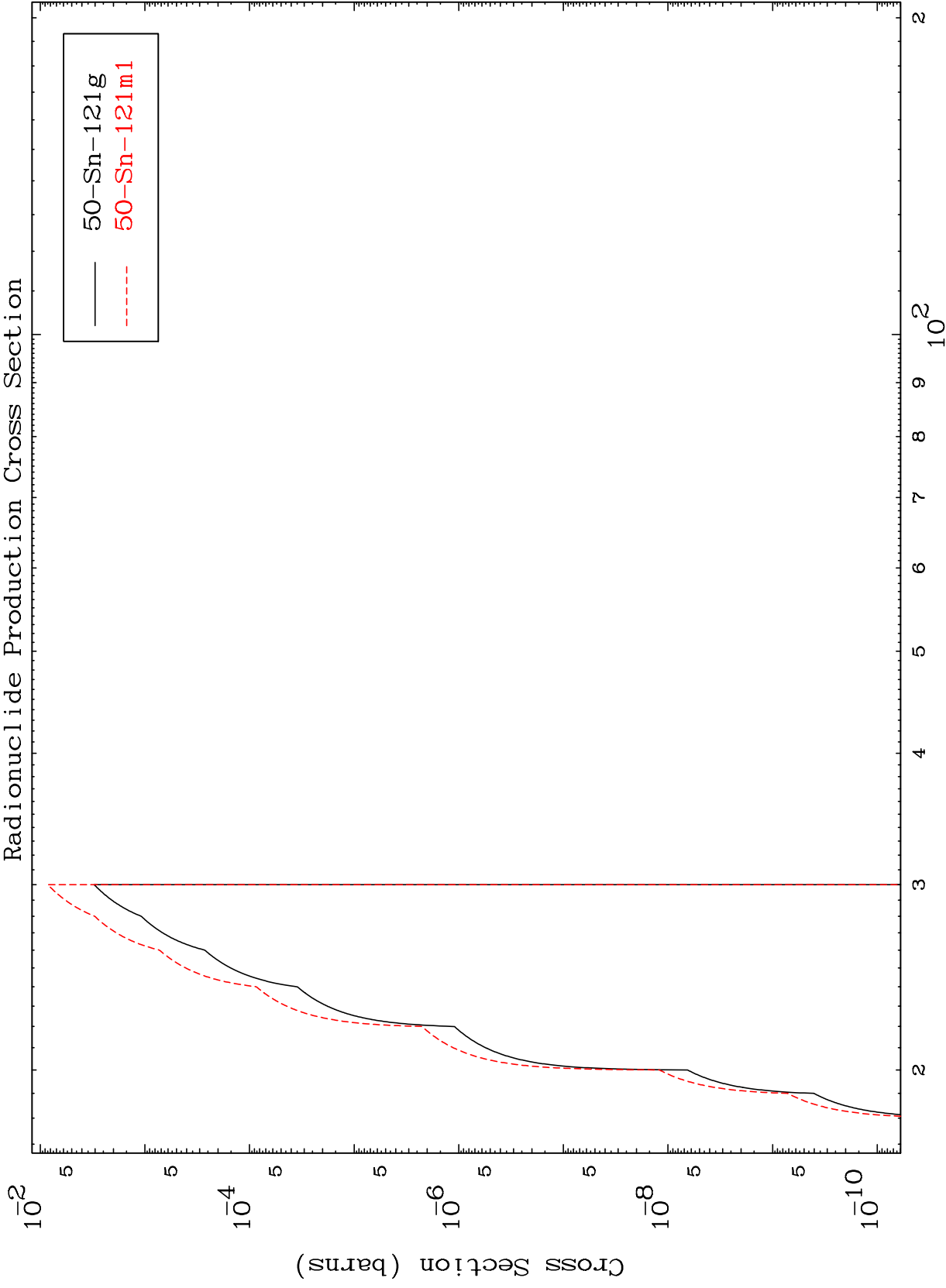


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(n,3n) p

50-Sn-123

Radionuclide Production Cross Section



22

Incident Energy (MeV)

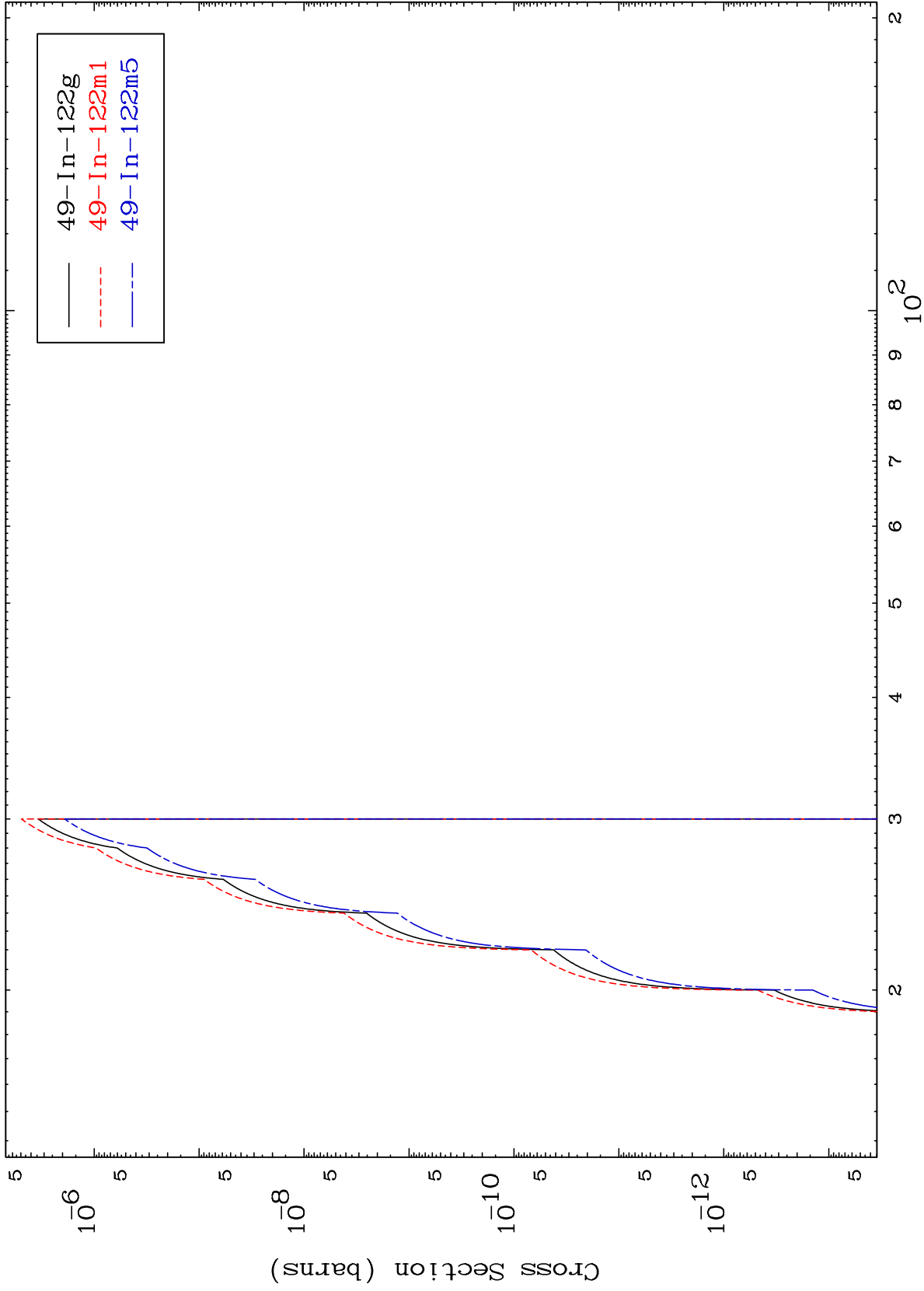
50-Sn-123

MAT 5058

(n,2n) p

50-Sn-123

Radionuclide Production Cross Section



23

Incident Energy (MeV)

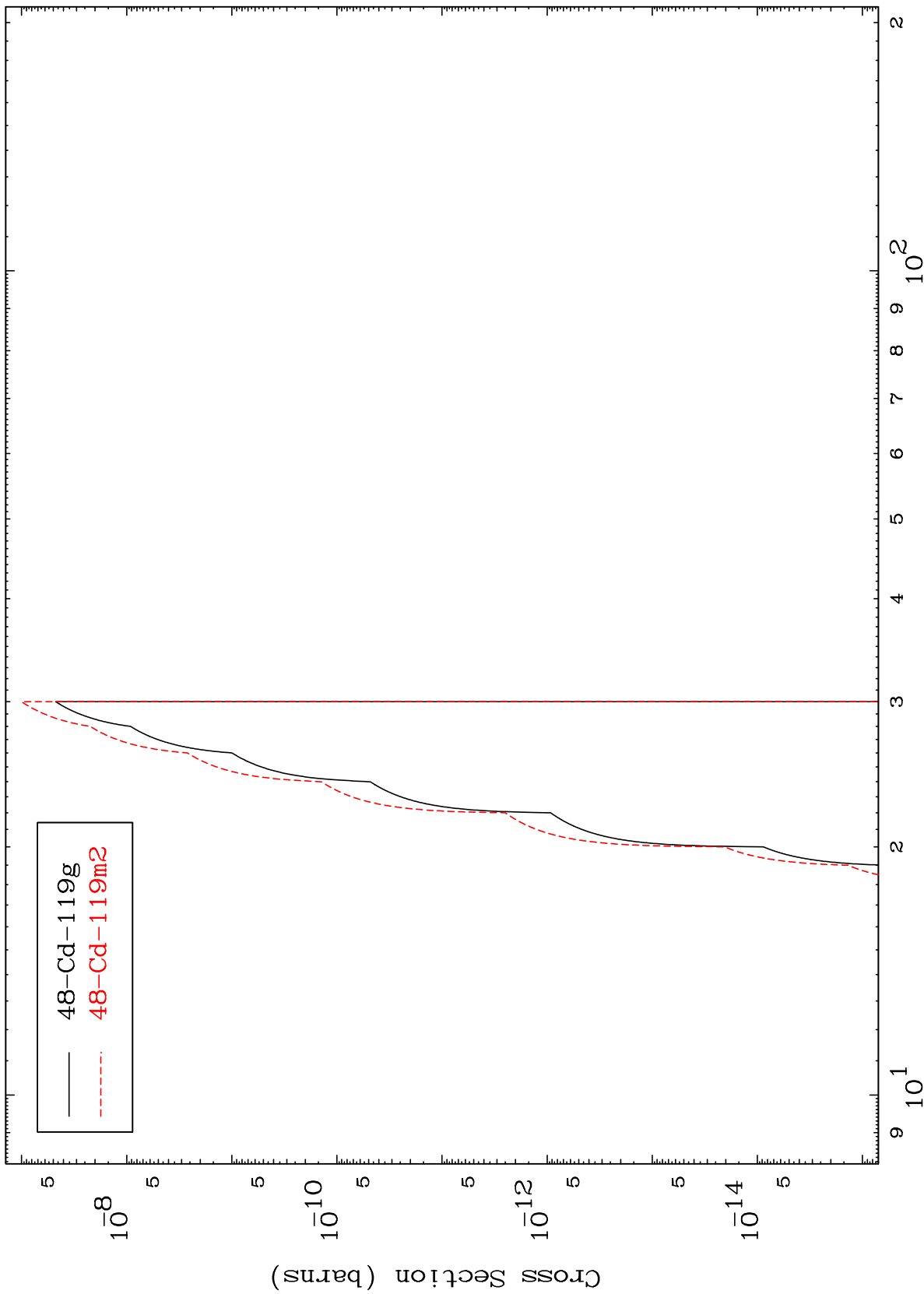
50-Sn-123

MAT 5058

(n,n') p α

50-Sn-123

Radionuclide Production Cross Section



24

Incident Energy (MeV)

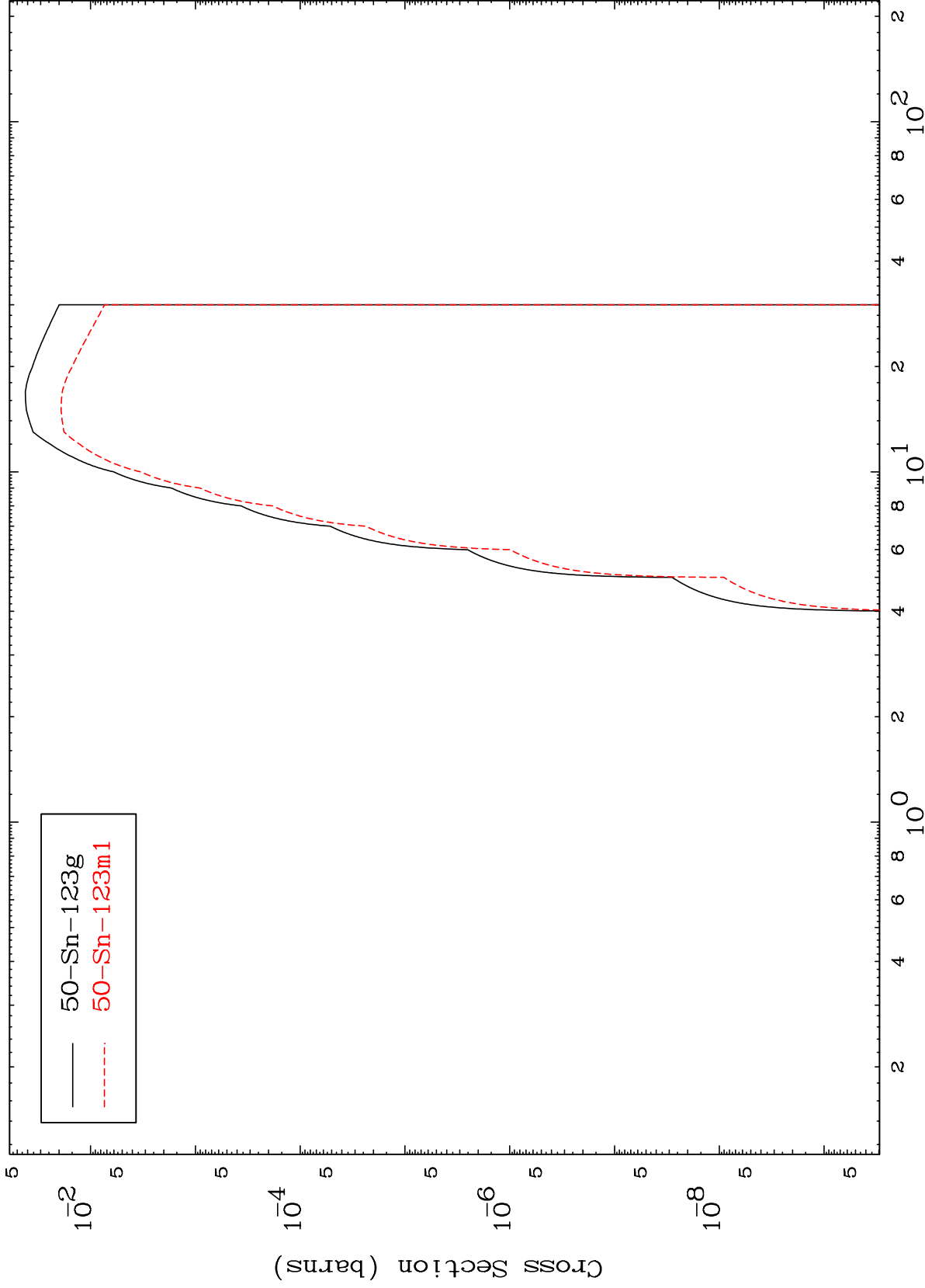
50-Sn-123

MAT 5058

(n,d)

50-Sn-123

Radionuclide Production Cross Section

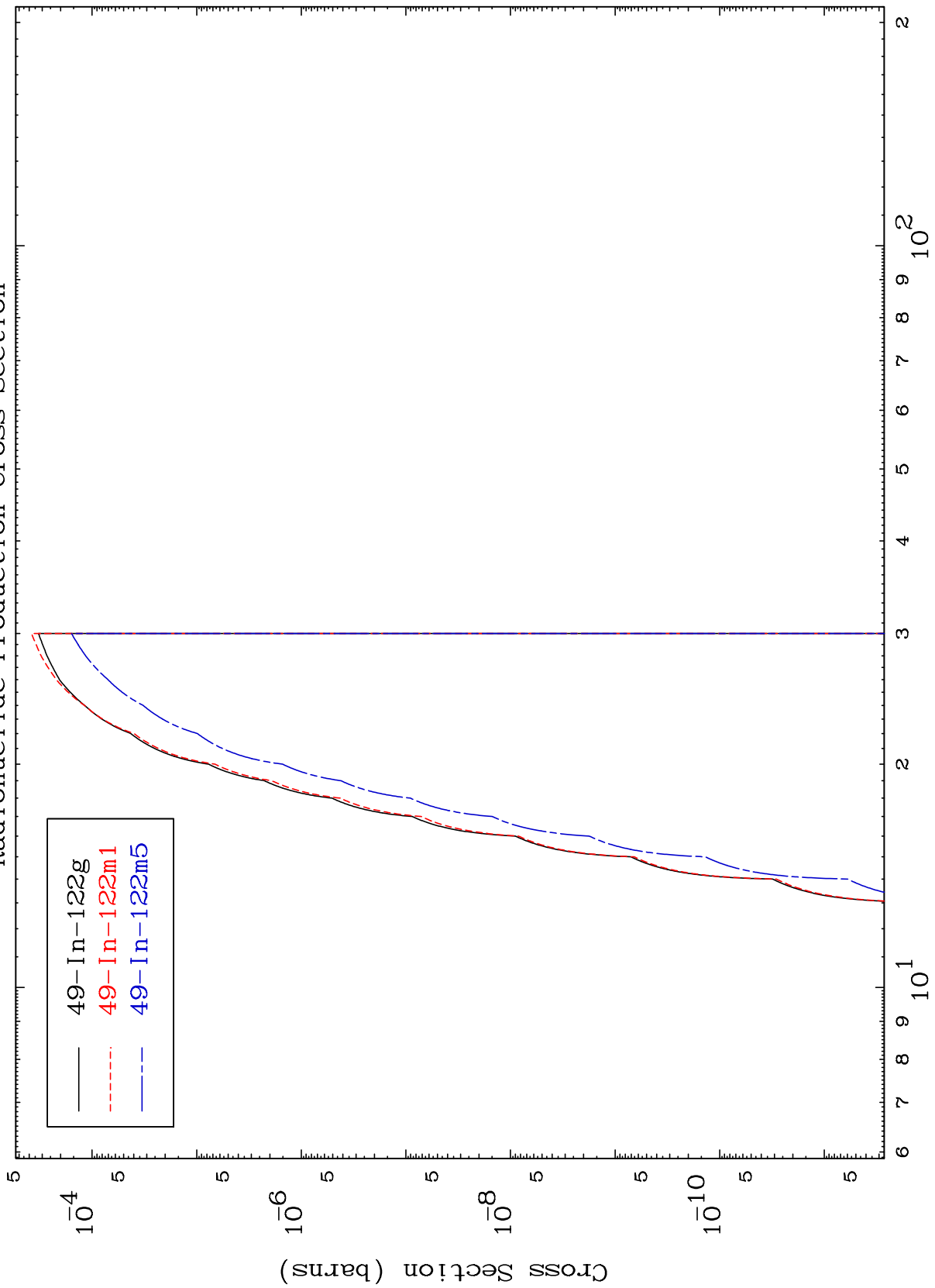


25

Incident Energy (MeV)

50-Sn-123

Radionuclide Production Cross Section
(n,He-3)

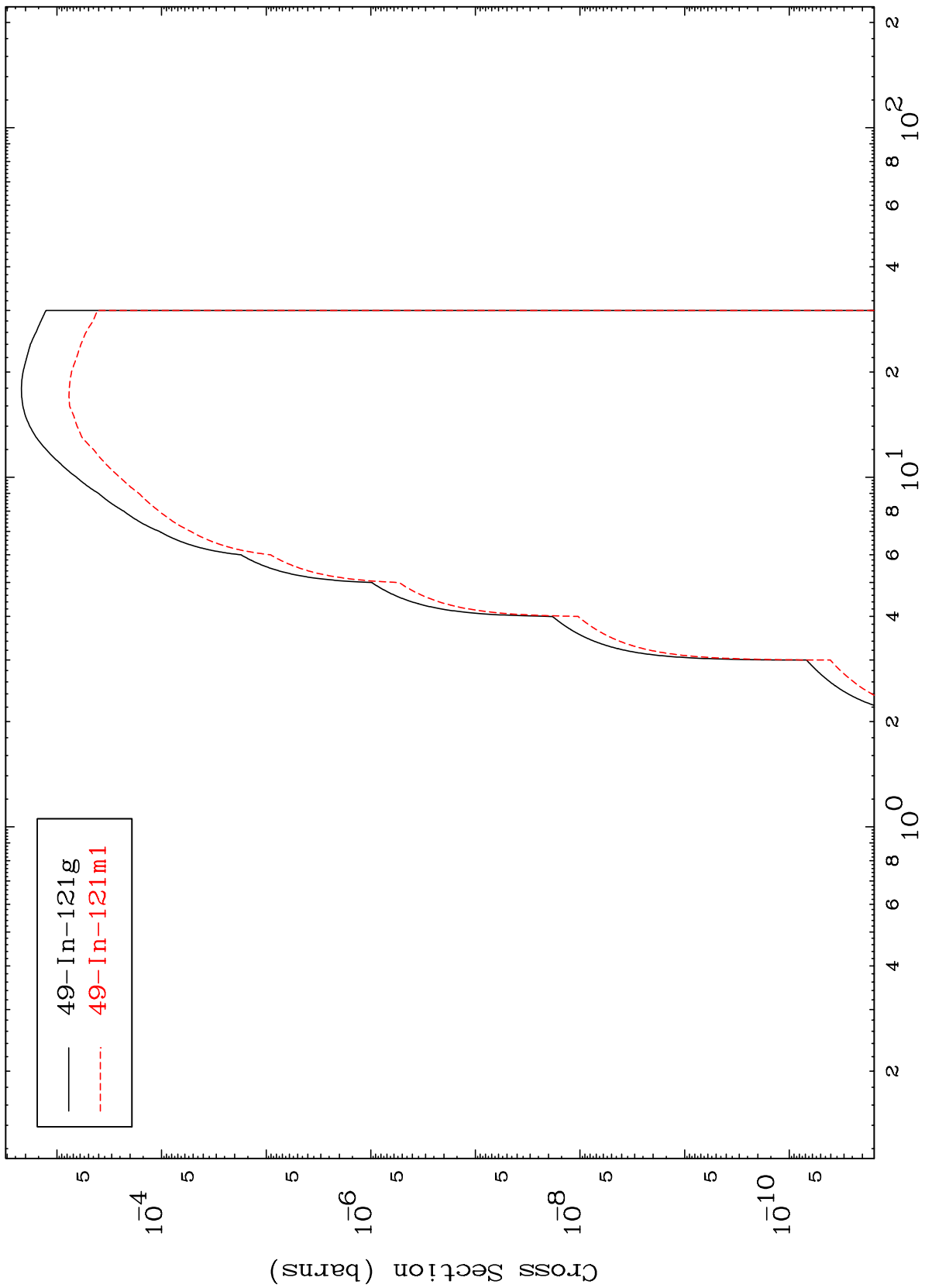


49-In-122g
49-In-122m1
49-In-122m5

MAT 5058

50-Sn-123

(n, α)
Radionuclide Production Cross Section



50-Sn-123

Incident Energy (MeV)

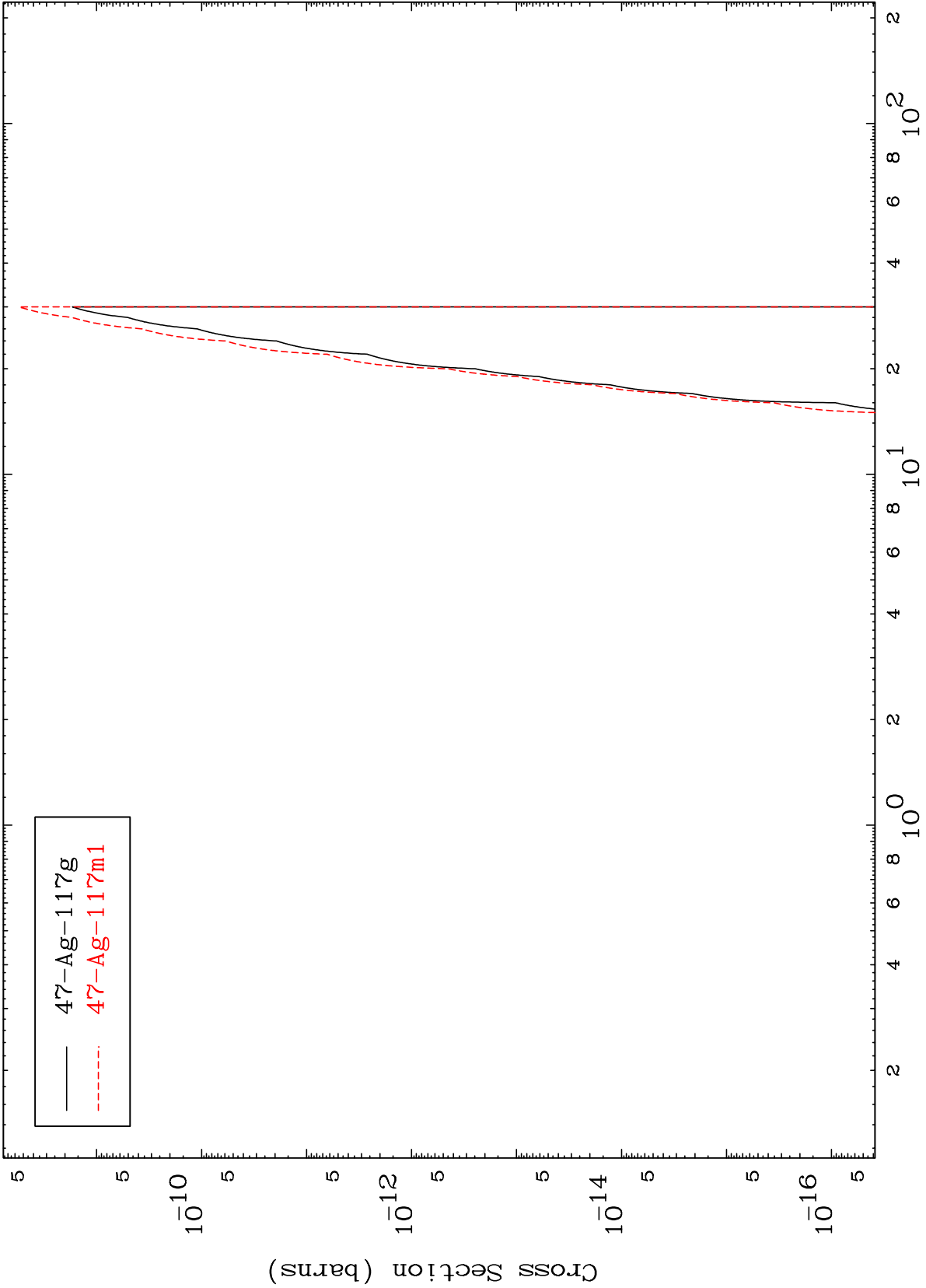
27

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(n,2α)

50-Sn-123

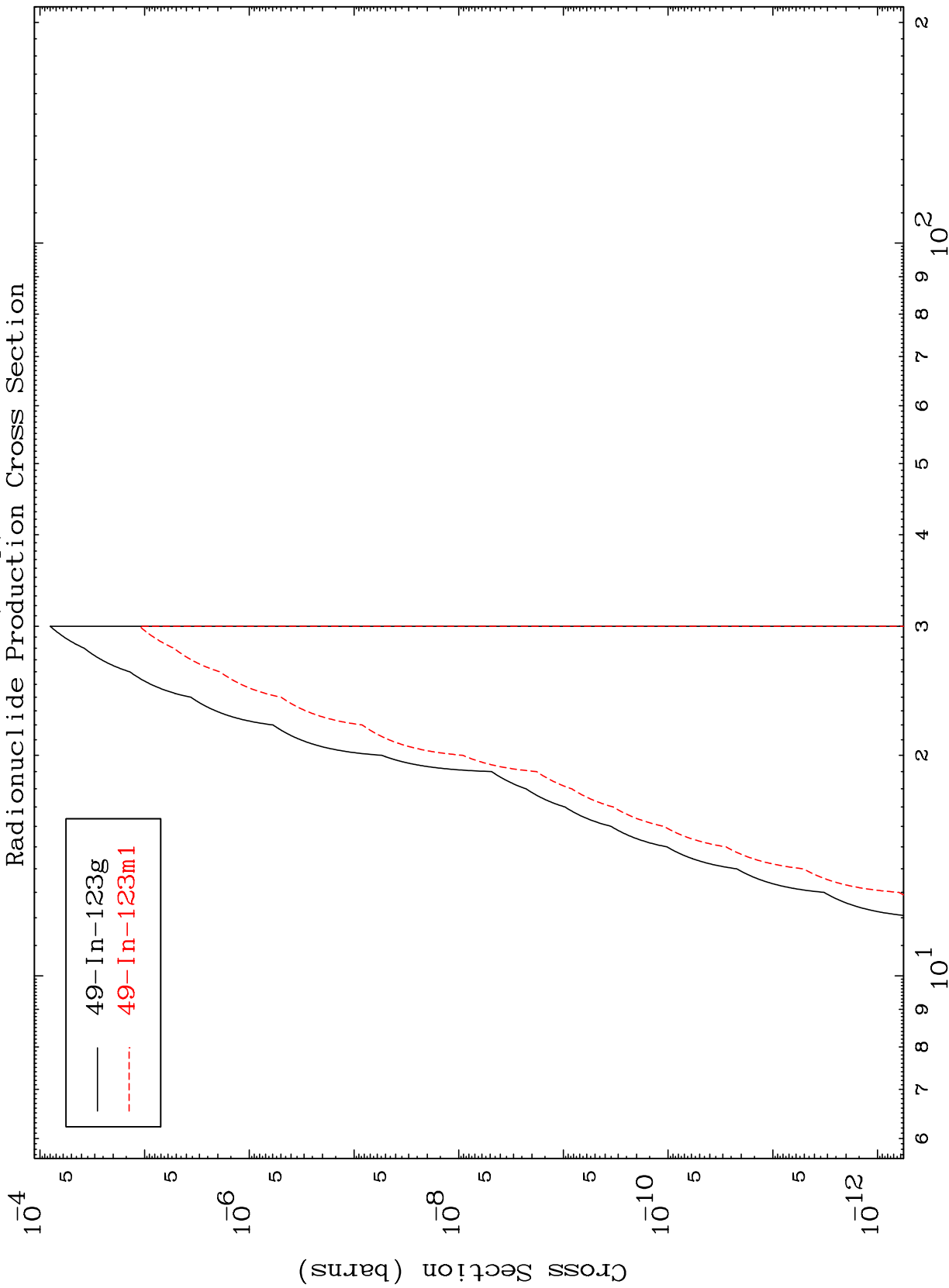
Radionuclide Production Cross Section



MAT 5058

50-Sn-123

Radionuclide Production Cross Section (n,2p)



49-In-123g
49-In-123m1

50-Sn-123

Incident Energy (MeV)

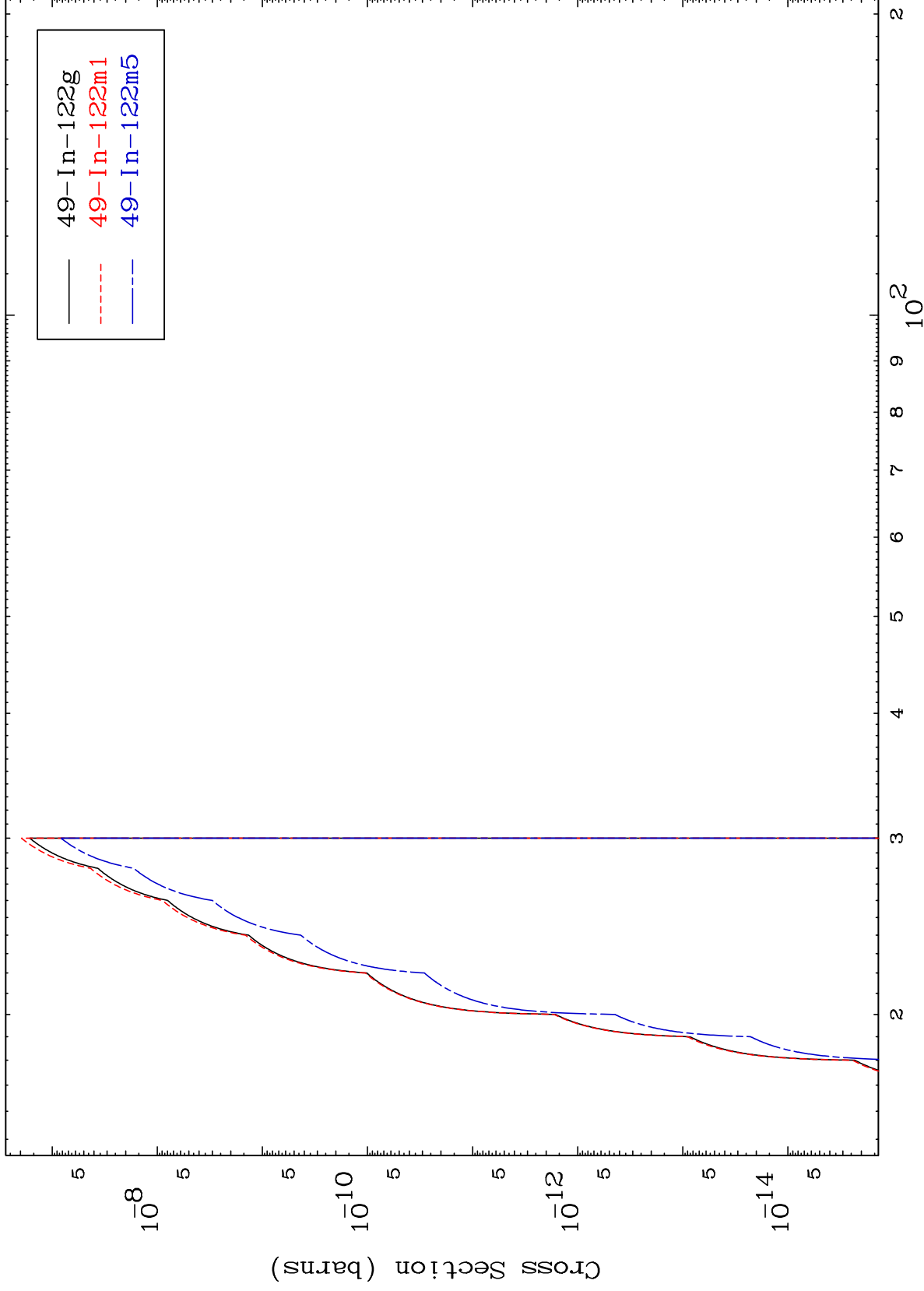
29

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(n,p) d

50-Sn-123

Radionuclide Production Cross Section



30

Incident Energy (MeV)

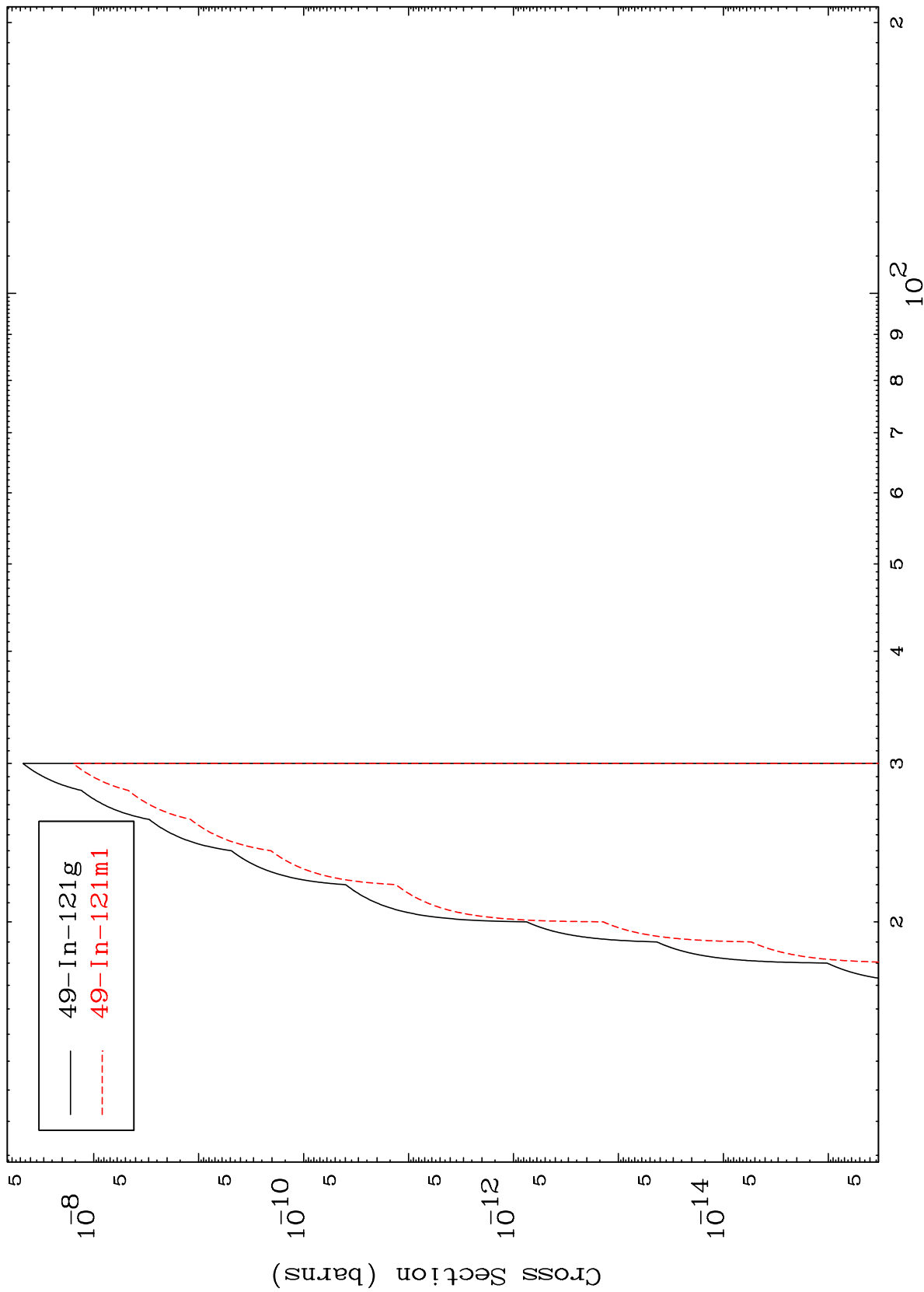
50-Sn-123

MAT 5058

(n,p) t

50-Sn-123

Radionuclide Production Cross Section



Incident Energy (MeV)

50-Sn-123

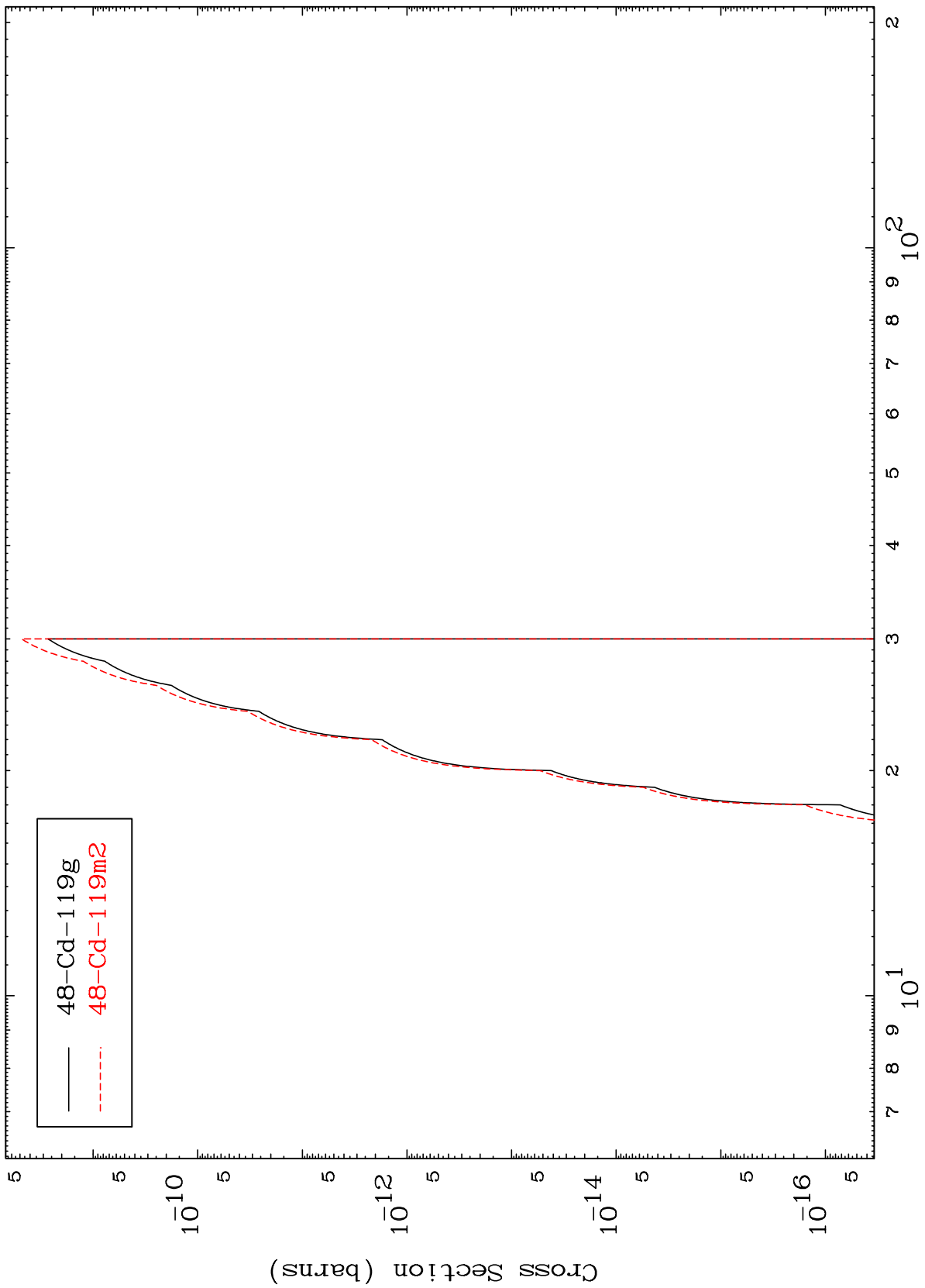
31

MAT 5058

(n,d) α

50-Sn-123

Radionuclide Production Cross Section



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

Incident Energy (MeV)

50-Sn-123

32