

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

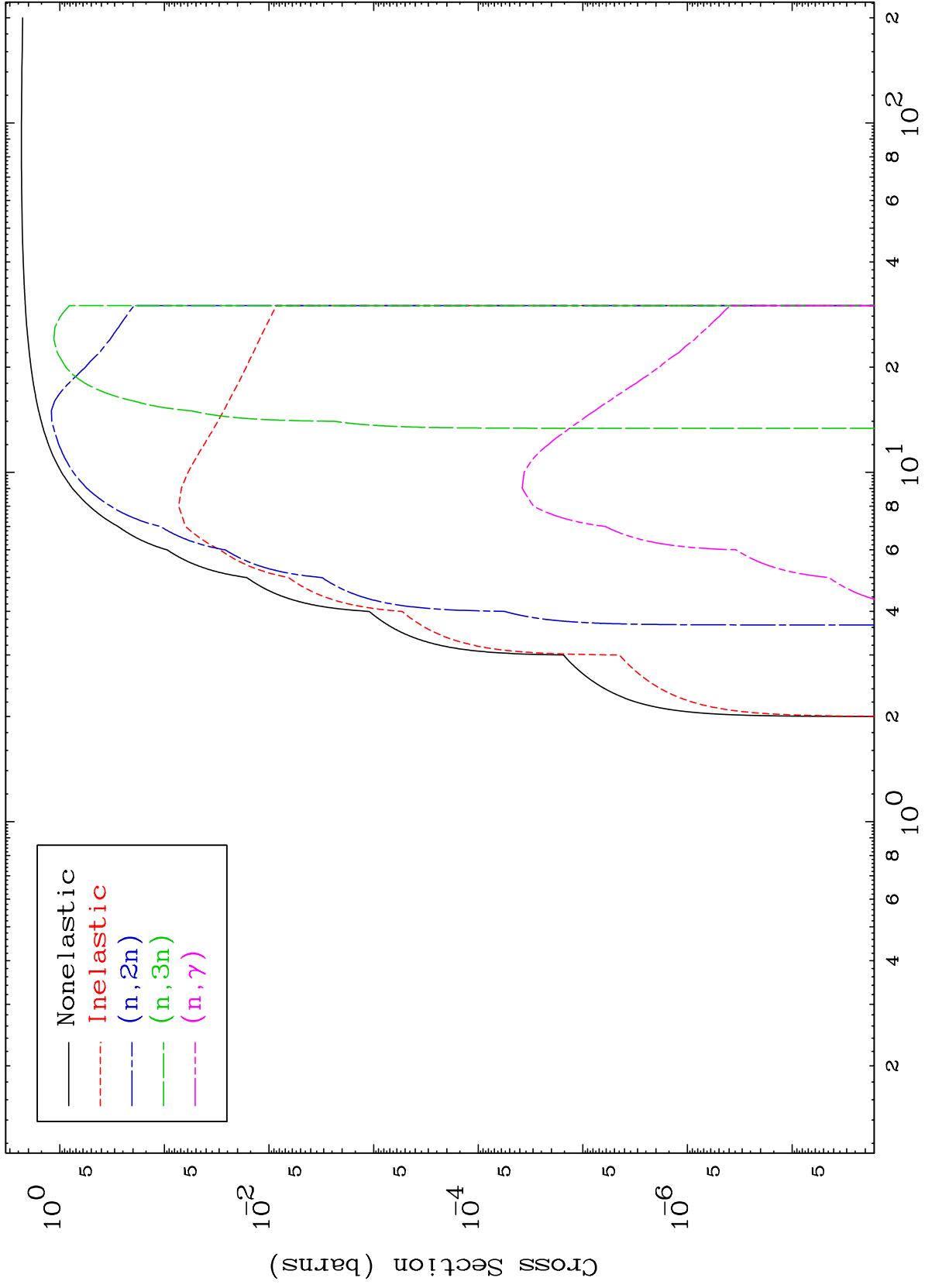
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Web:redcullen1.net/HOMEPAGE.NEW

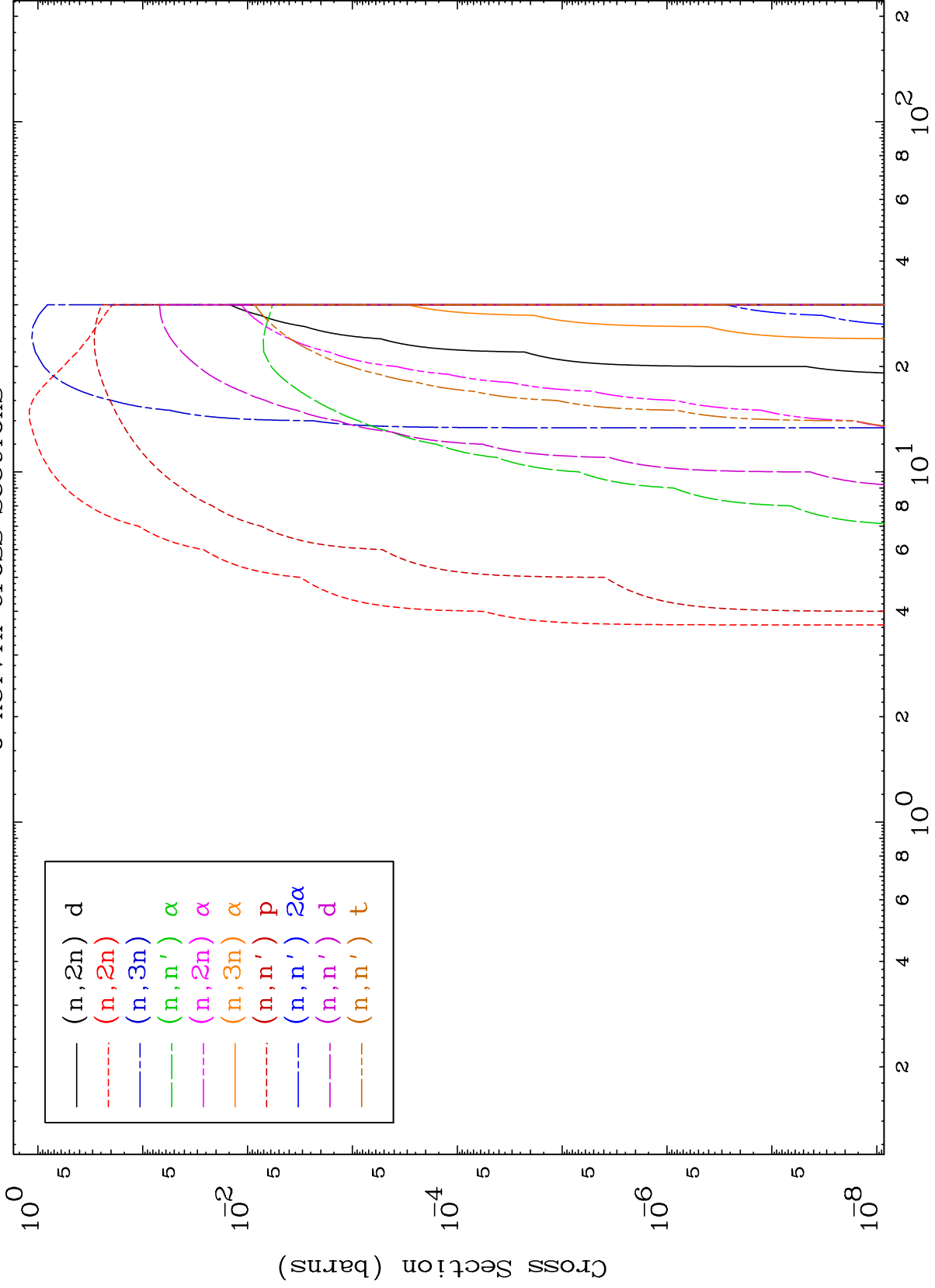
Press Mouse Button to Start

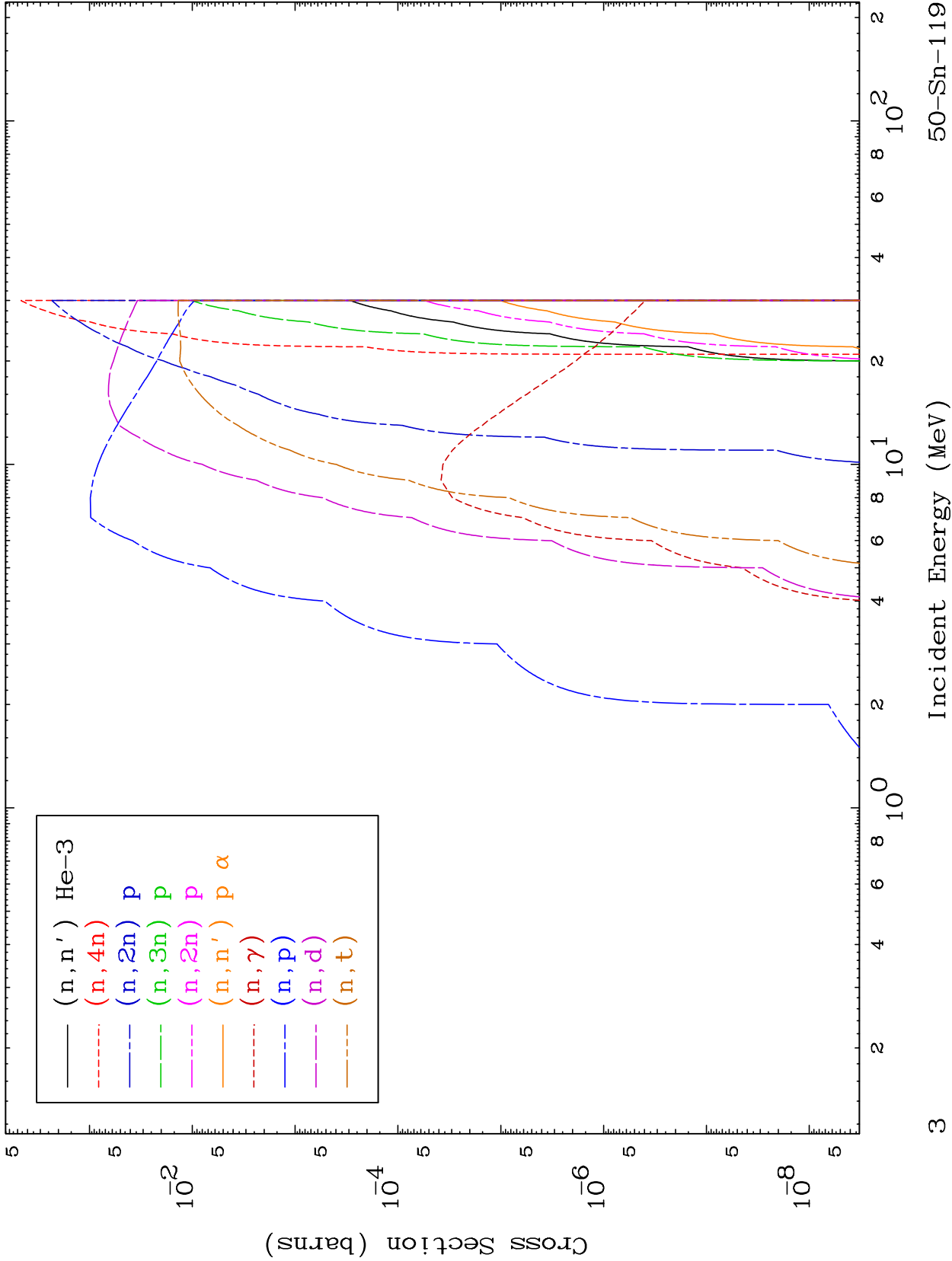


MAT 5046

Deuteron Neutron Absorption
0 Kelvin Cross Sections

50-Sn-119

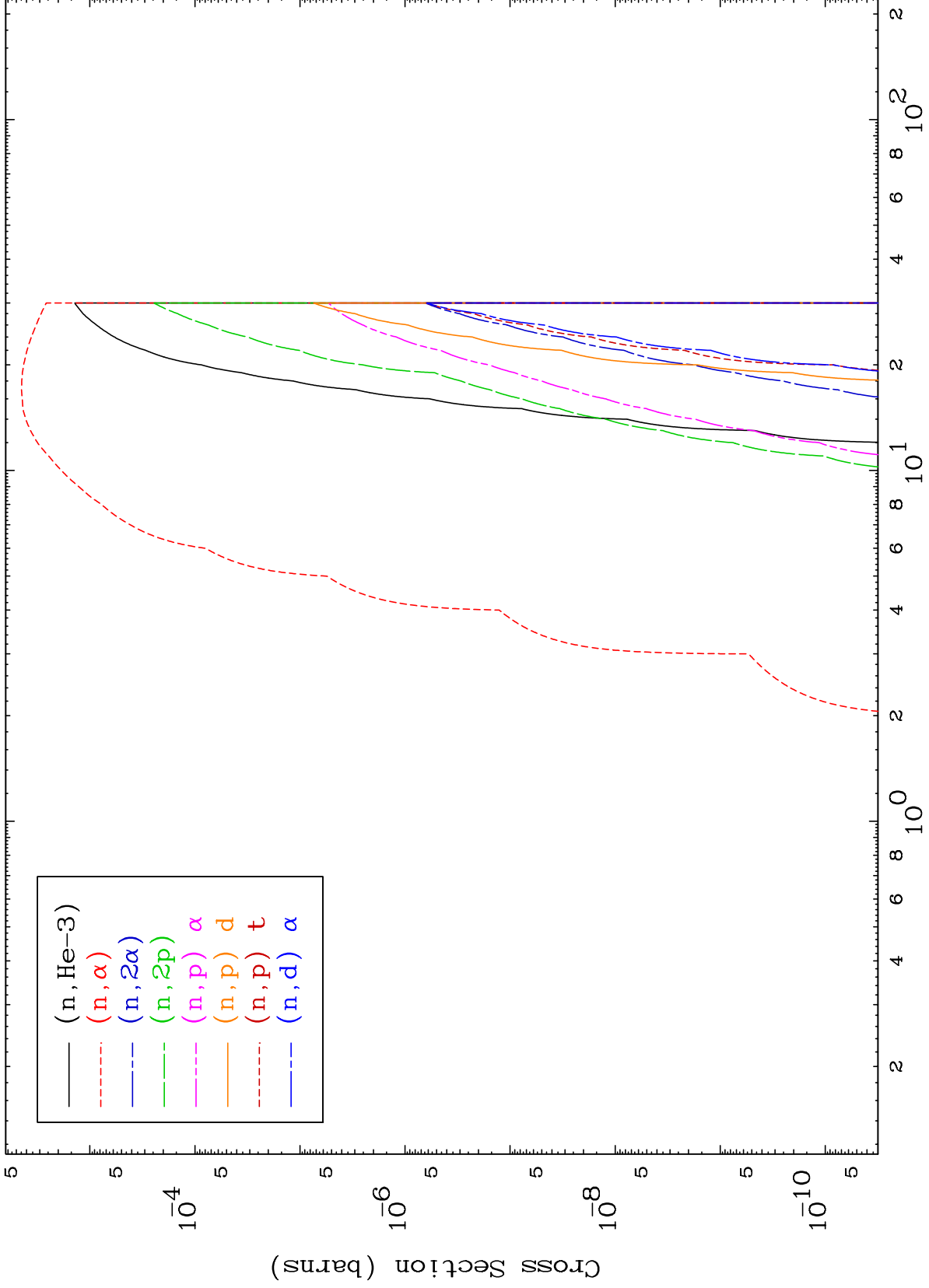


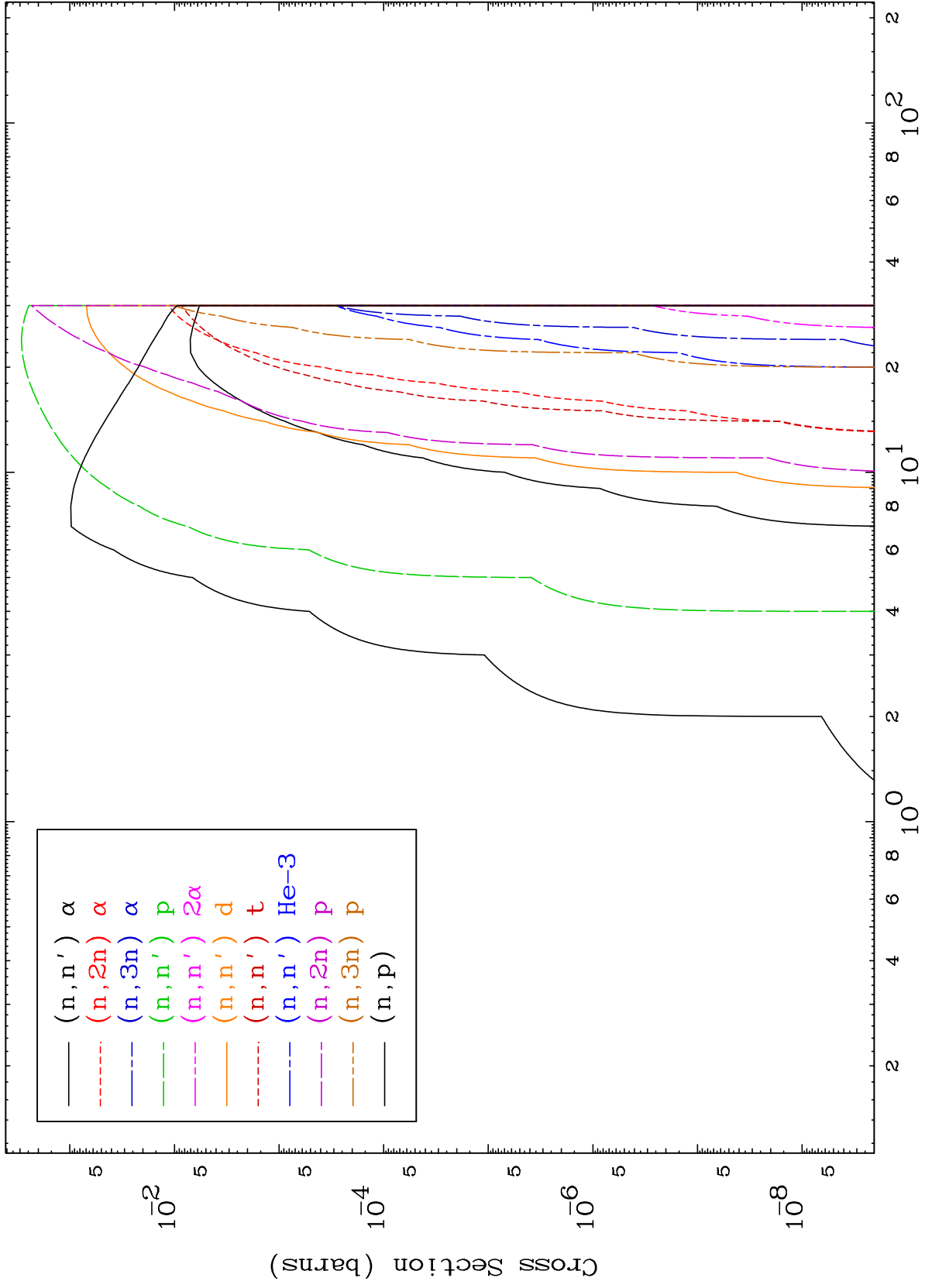


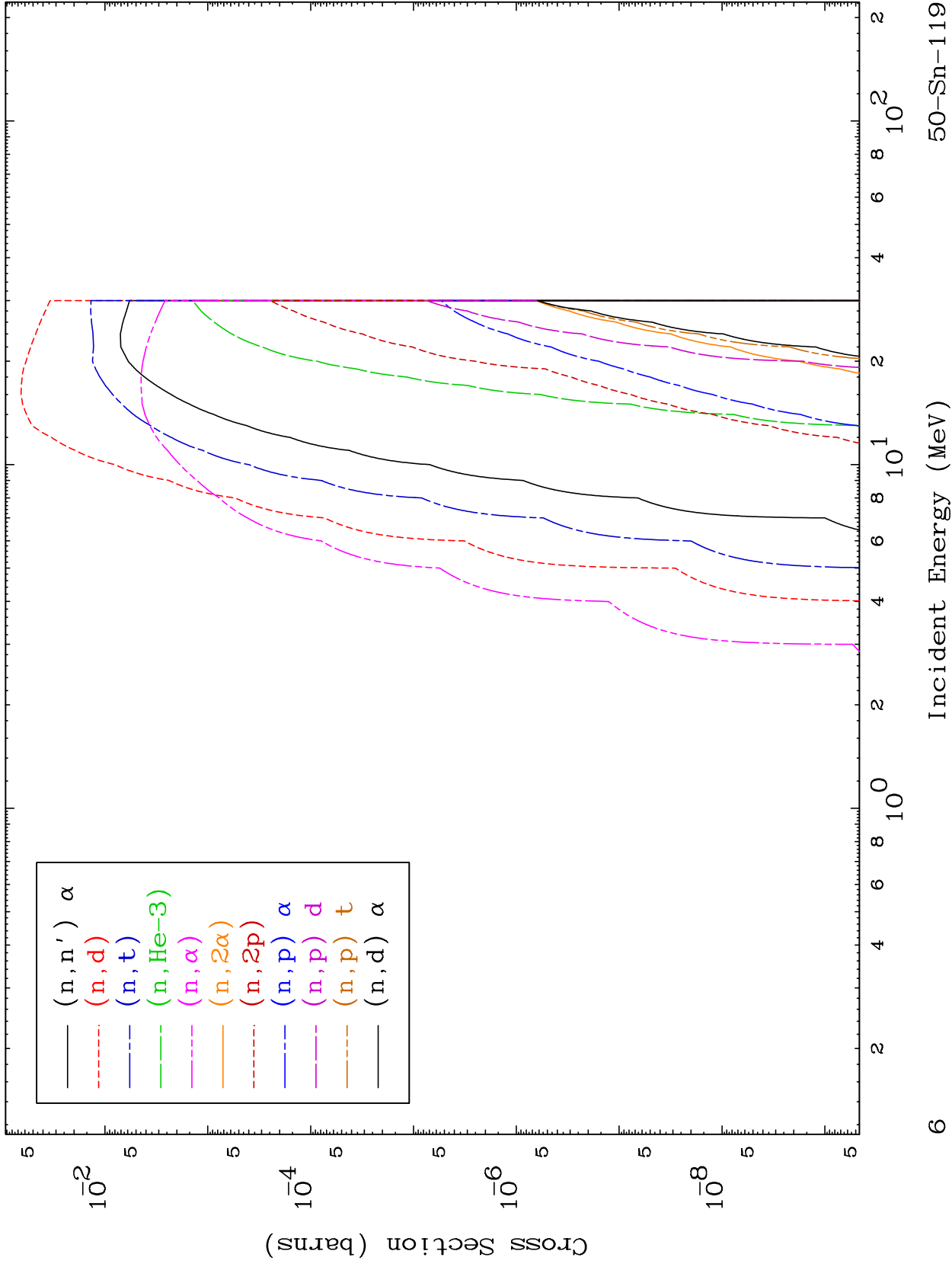
MAT 5046

Deuteron Neutron Absorption
0 Kelvin Cross Sections

50-Sn-119



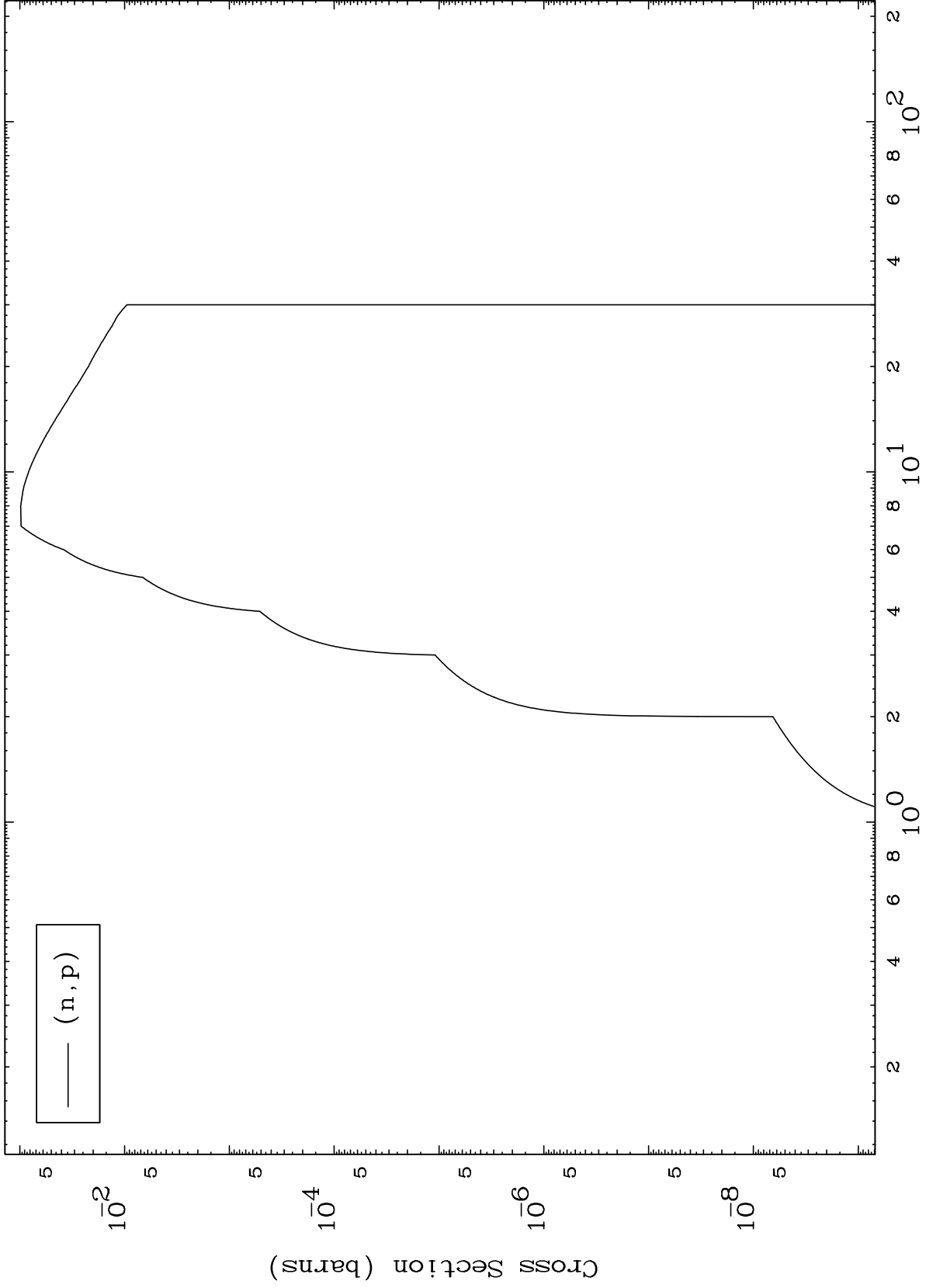




MAT 5046

(d,p) Levels
0 Kelvin Cross Sections

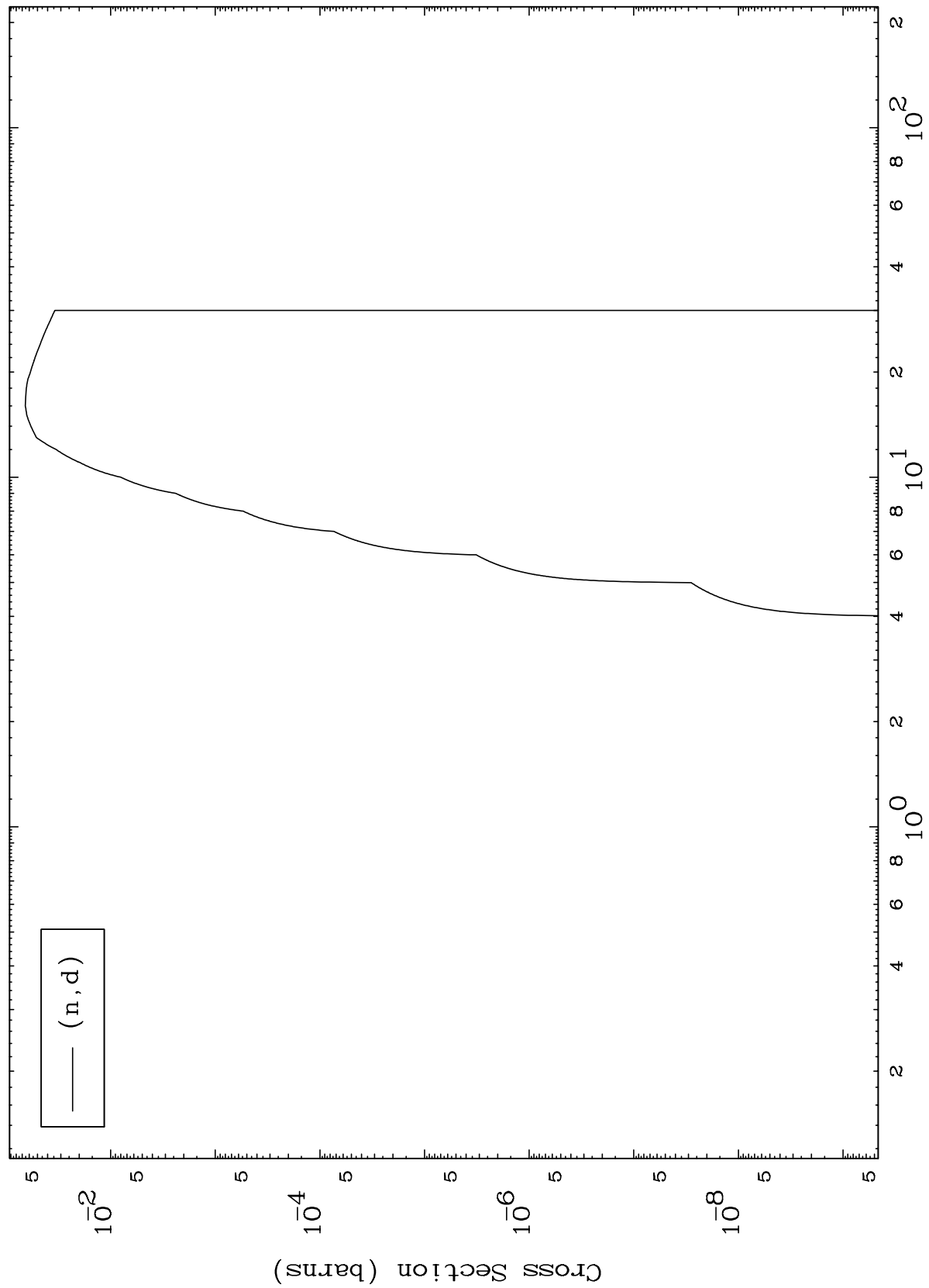
50-Sn-119



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50-Sn-119

(d,d) Levels
0 Kelvin Cross Sections

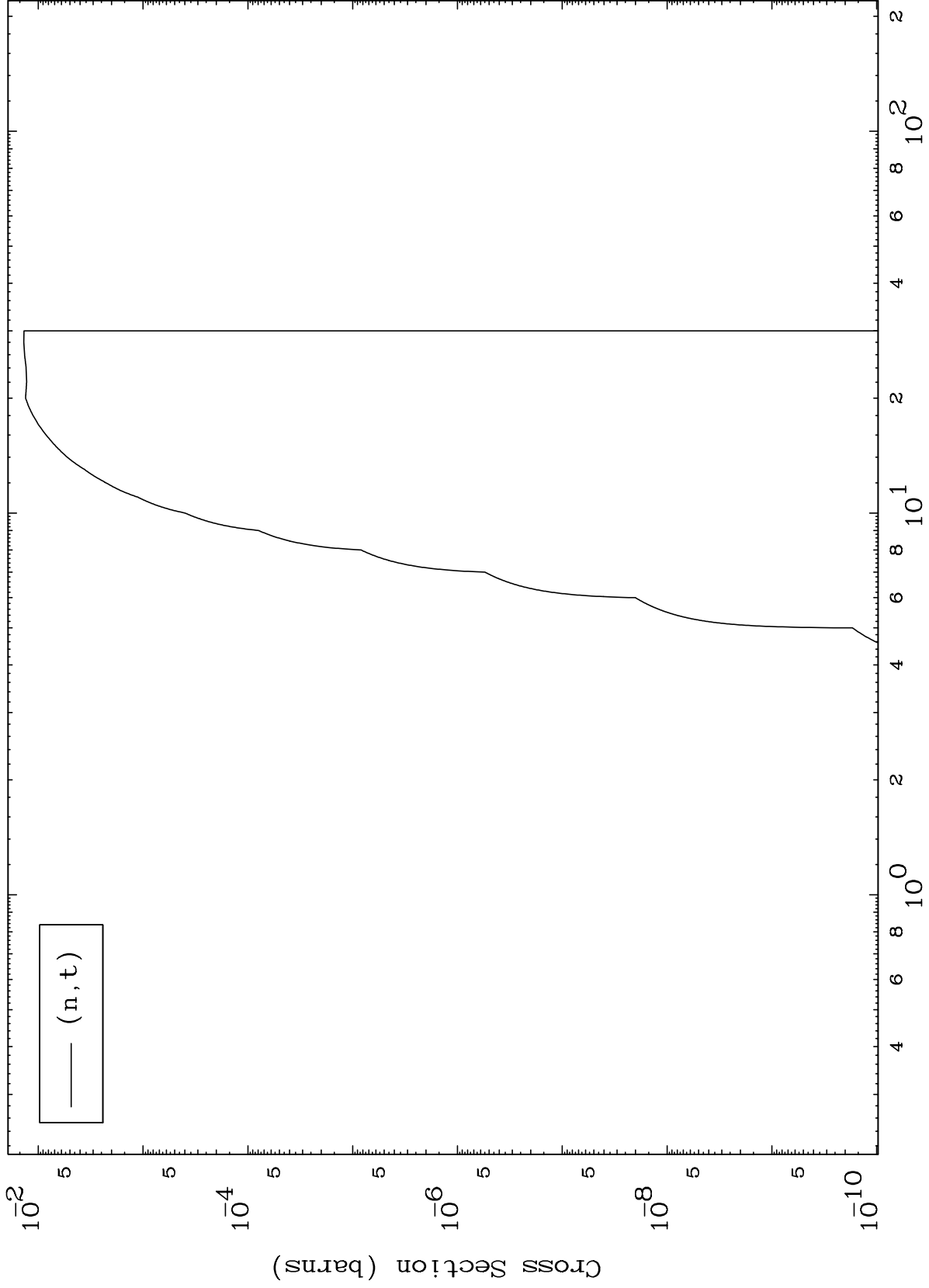


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(d, t) Levels

50-Sn-119

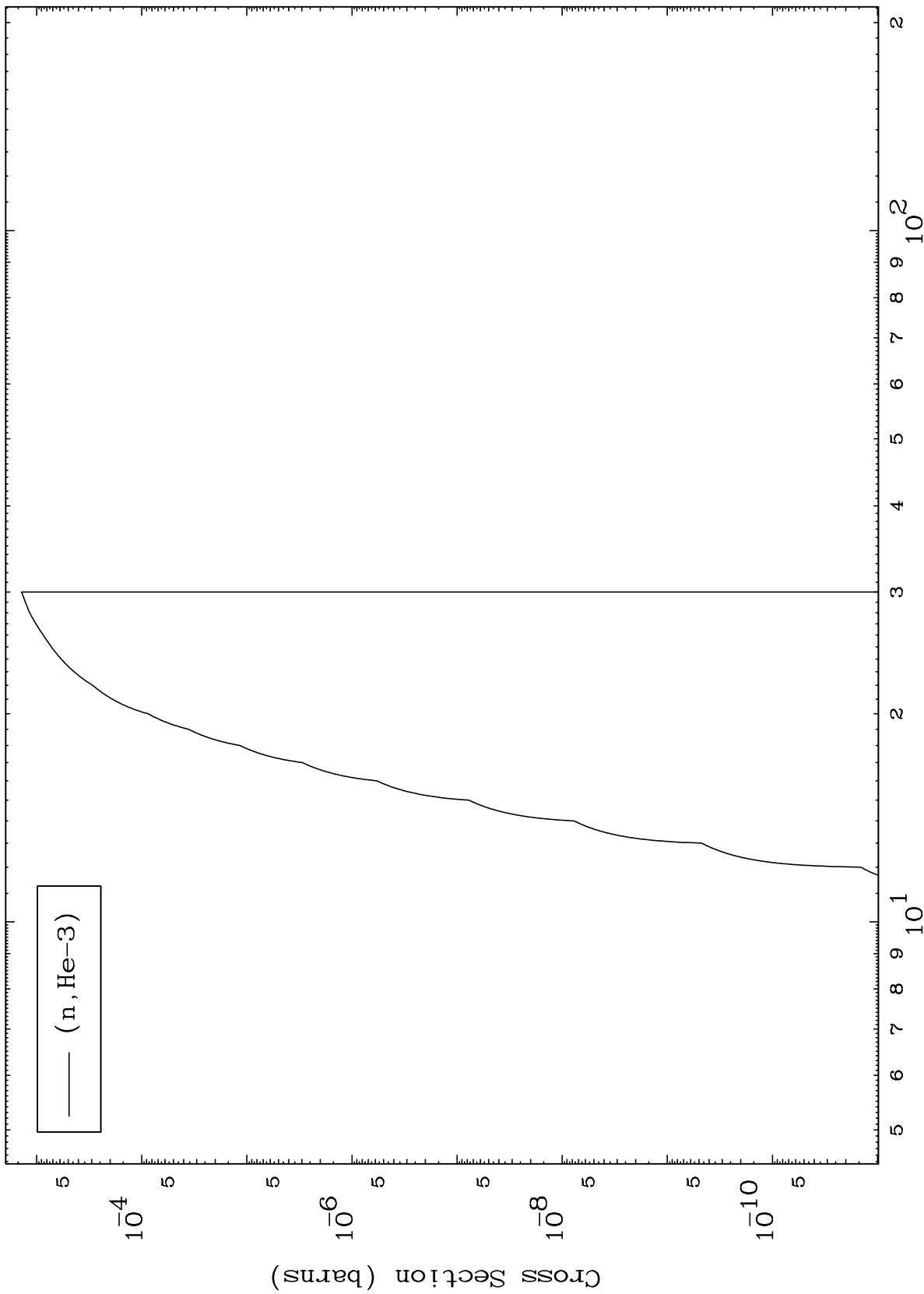
0 Kelvin Cross Sections



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50-Sn-119

(d,He3) Levels
0 Kelvin Cross Sections



50-Sn-119

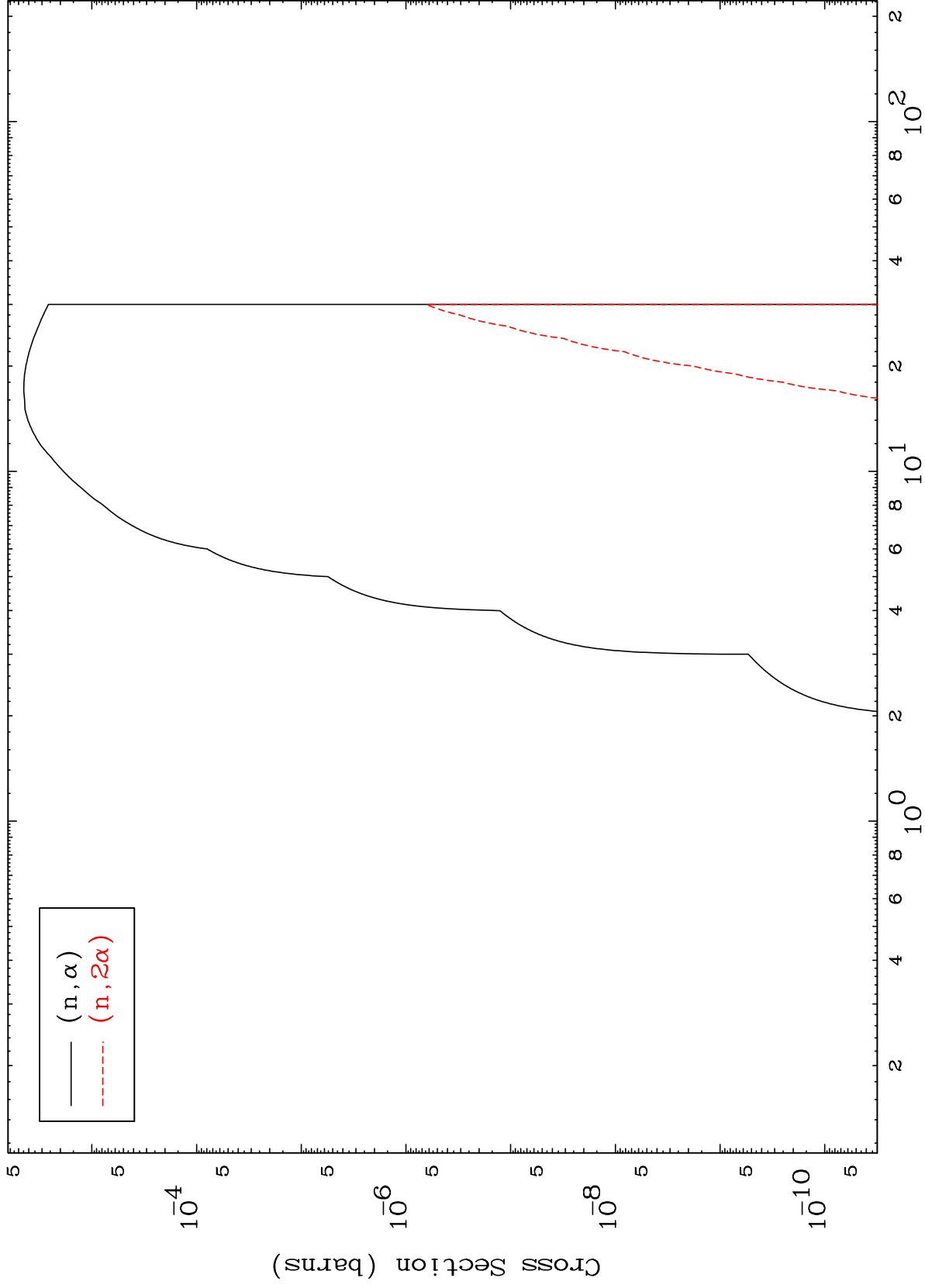
Incident Energy (MeV)

10

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(d, α) Levels
0 Kelvin Cross Sections

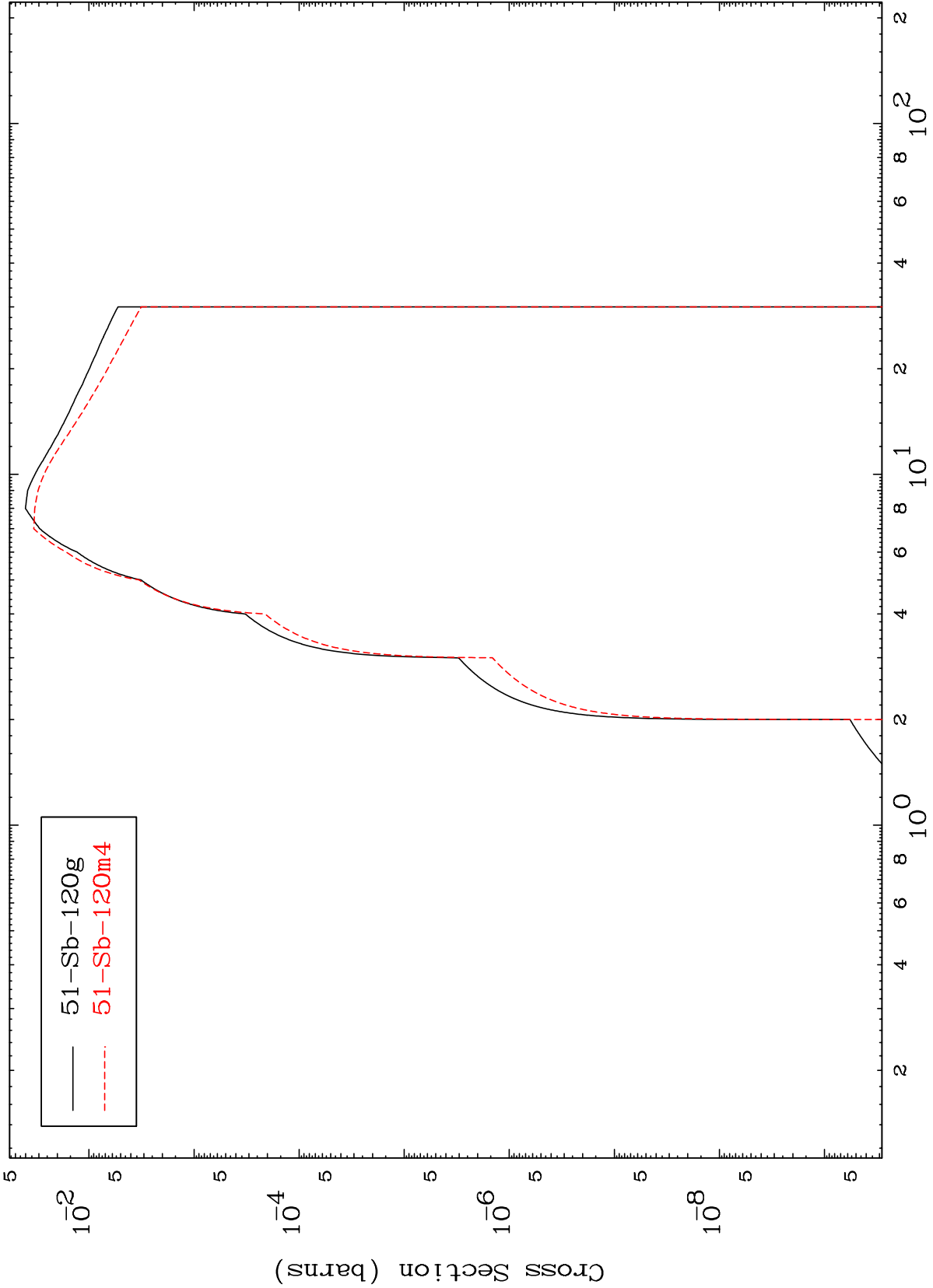
50-Sn-119



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50-Sn-119

Inelastic
Radionuclide Production Cross Section

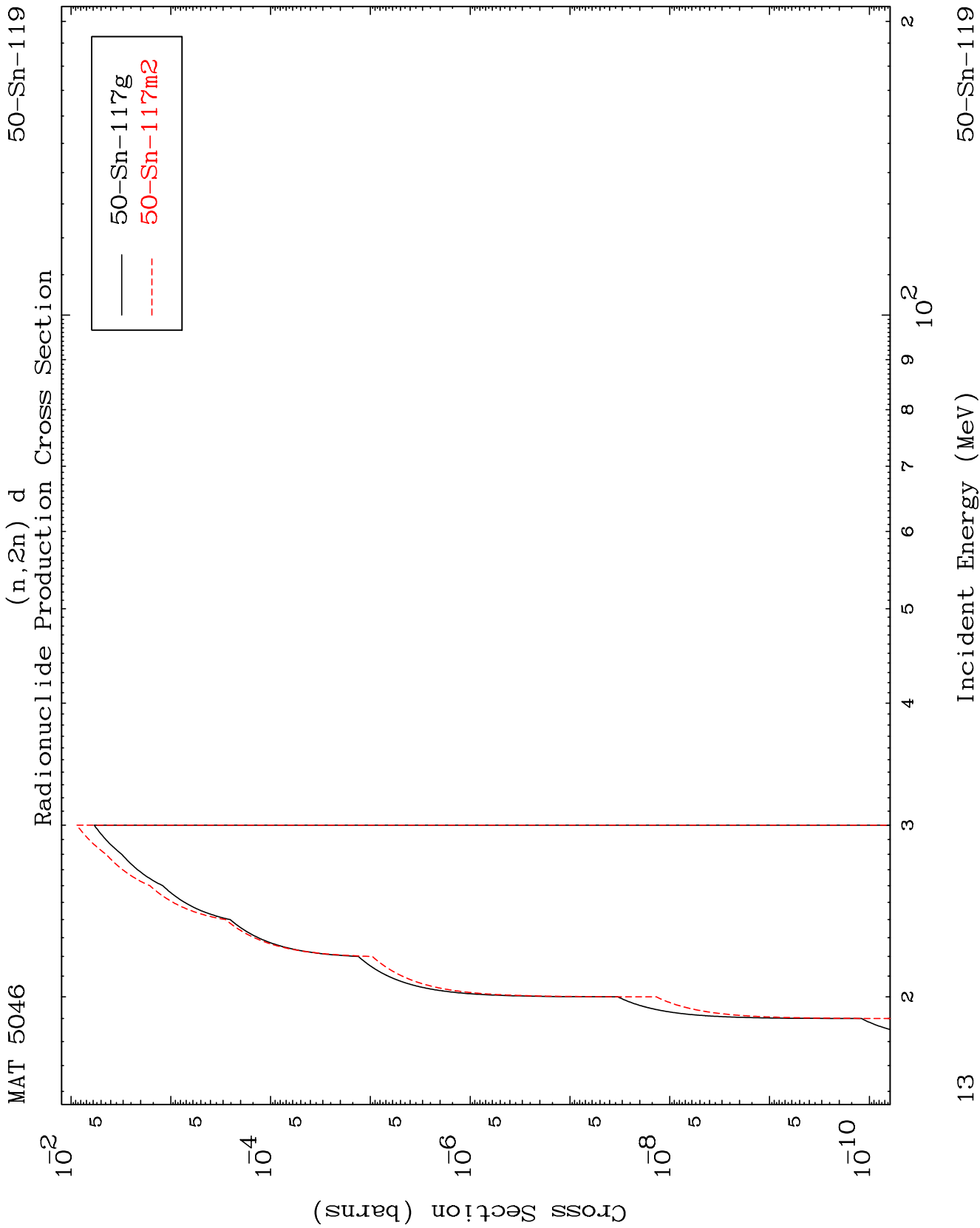


51-Sb-120g
51-Sb-120m4

50-Sn-119

Incident Energy (MeV)

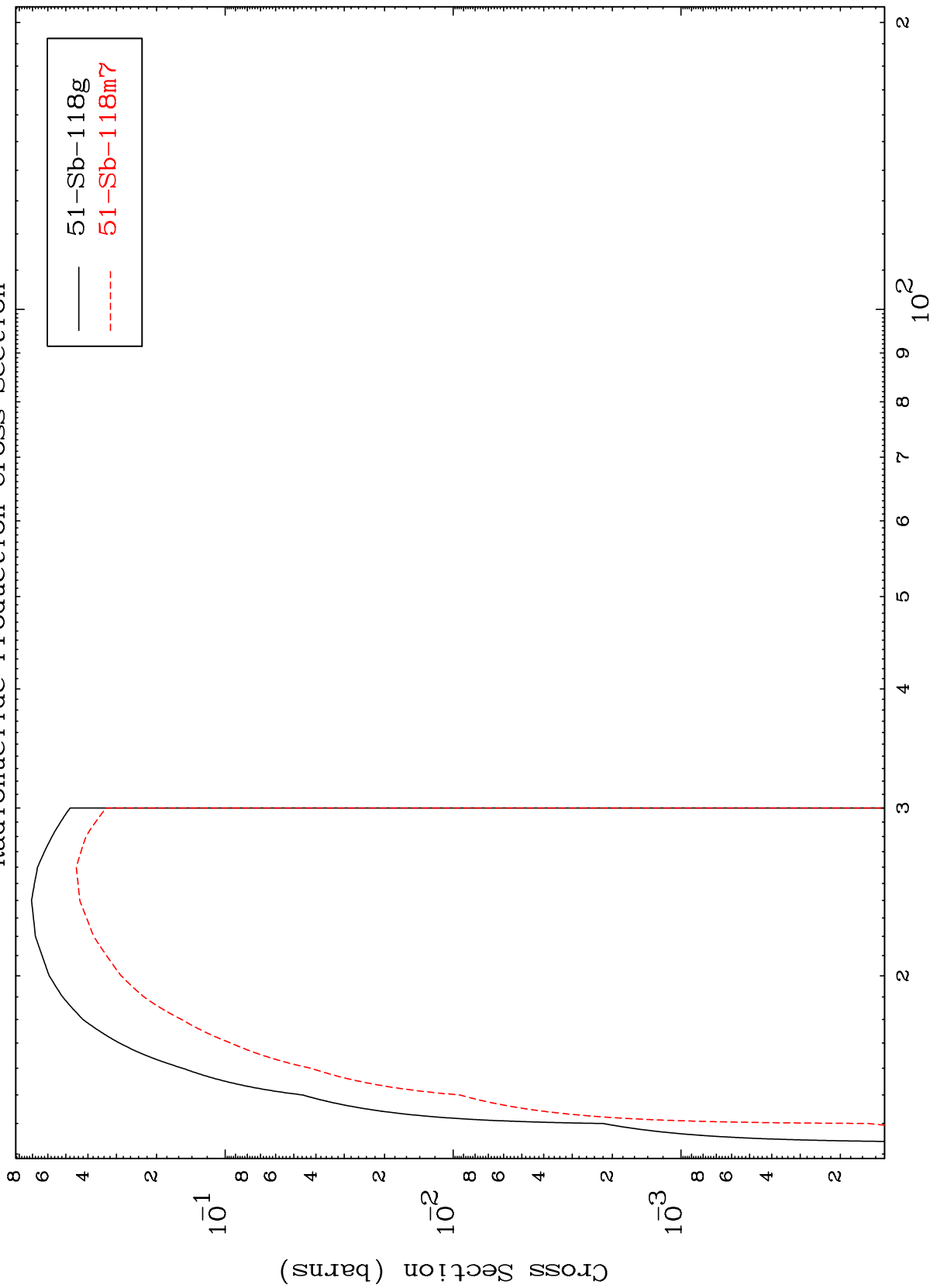
12



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50-Sn-119

(n,3n)
Radionuclide Production Cross Section



50-Sn-119

Incident Energy (MeV)

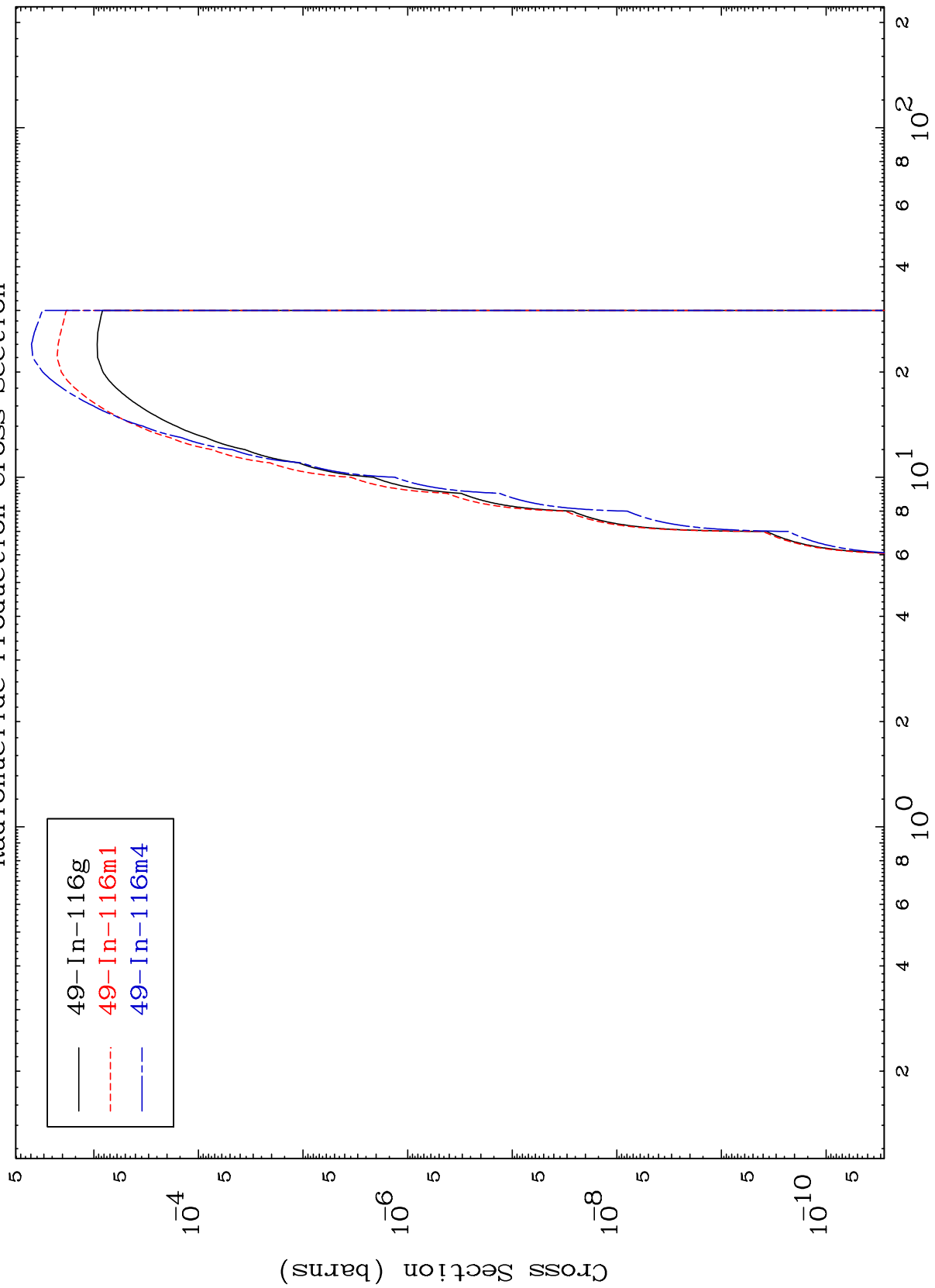
14

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50-Sn-119

(n,n') α

Radionuclide Production Cross Section

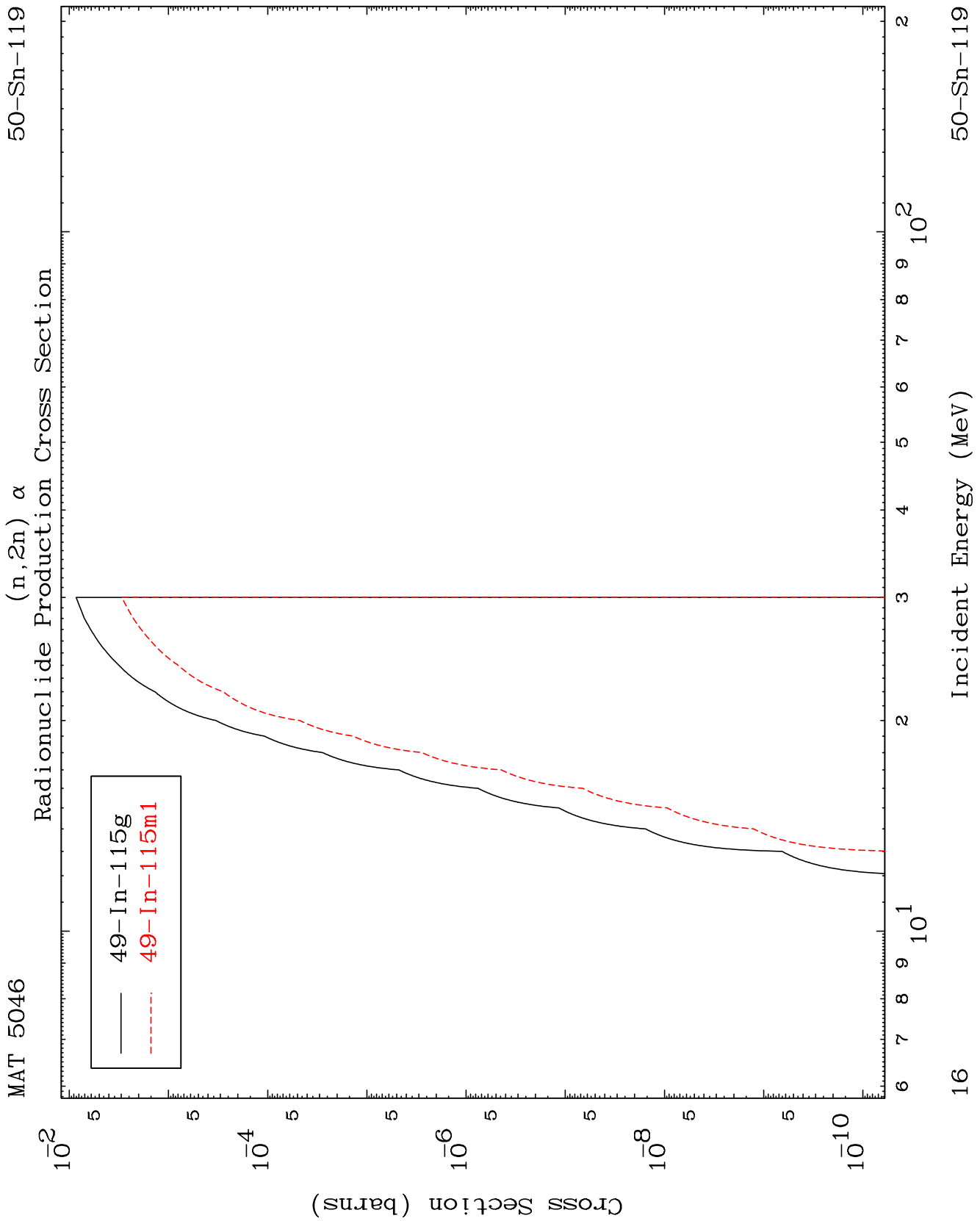


49-In-116g
49-In-116m1
49-In-116m4

50-Sn-119

Incident Energy (MeV)

15

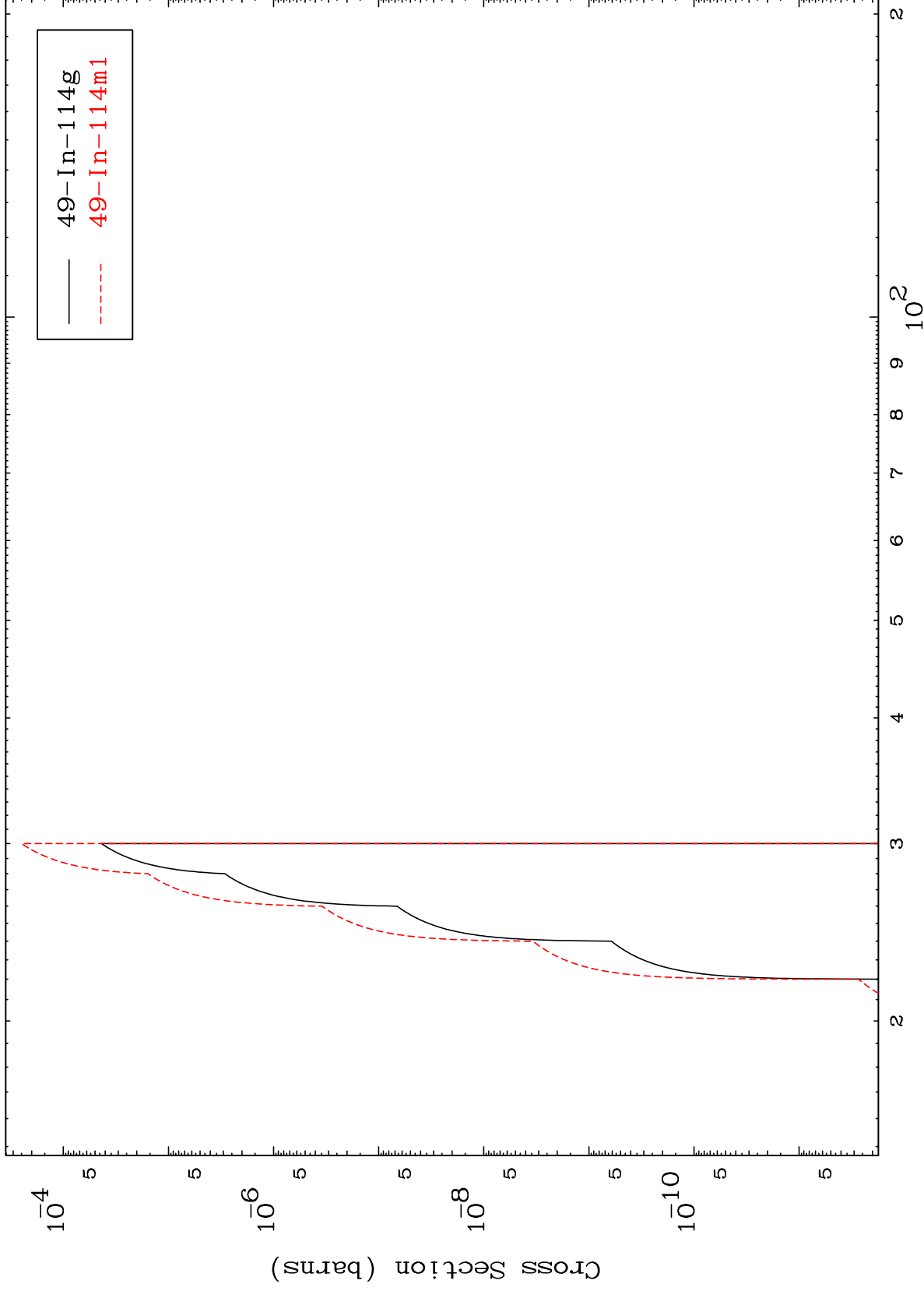


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(n,3n) α

50-Sn-119

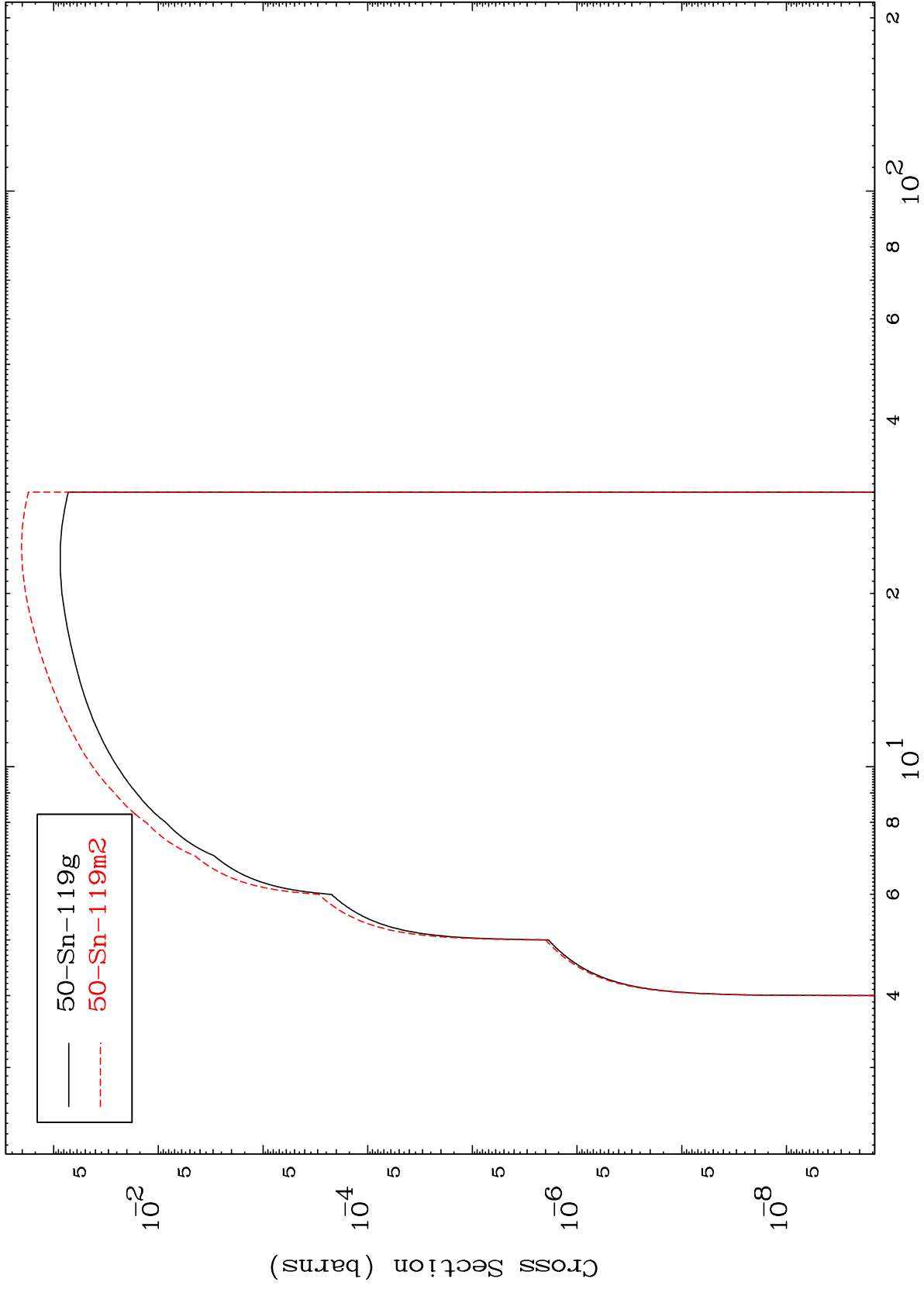
Radionuclide Production Cross Section



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50-Sn-119

(n,n') p
Radionuclide Production Cross Section



50-Sn-119

Incident Energy (MeV)

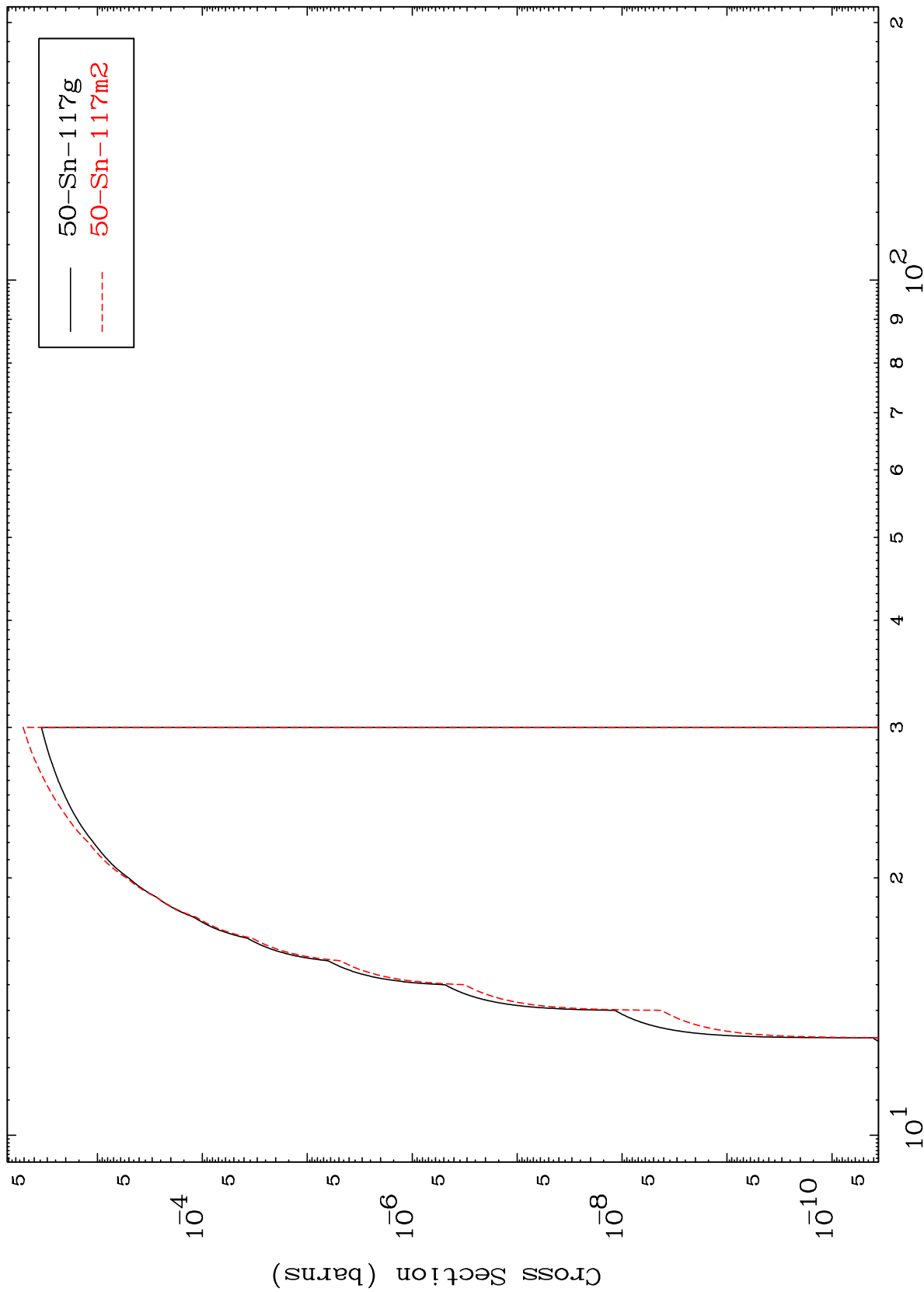
18

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(n,n') t

50-Sn-119

Radionuclide Production Cross Section



Incident Energy (MeV)

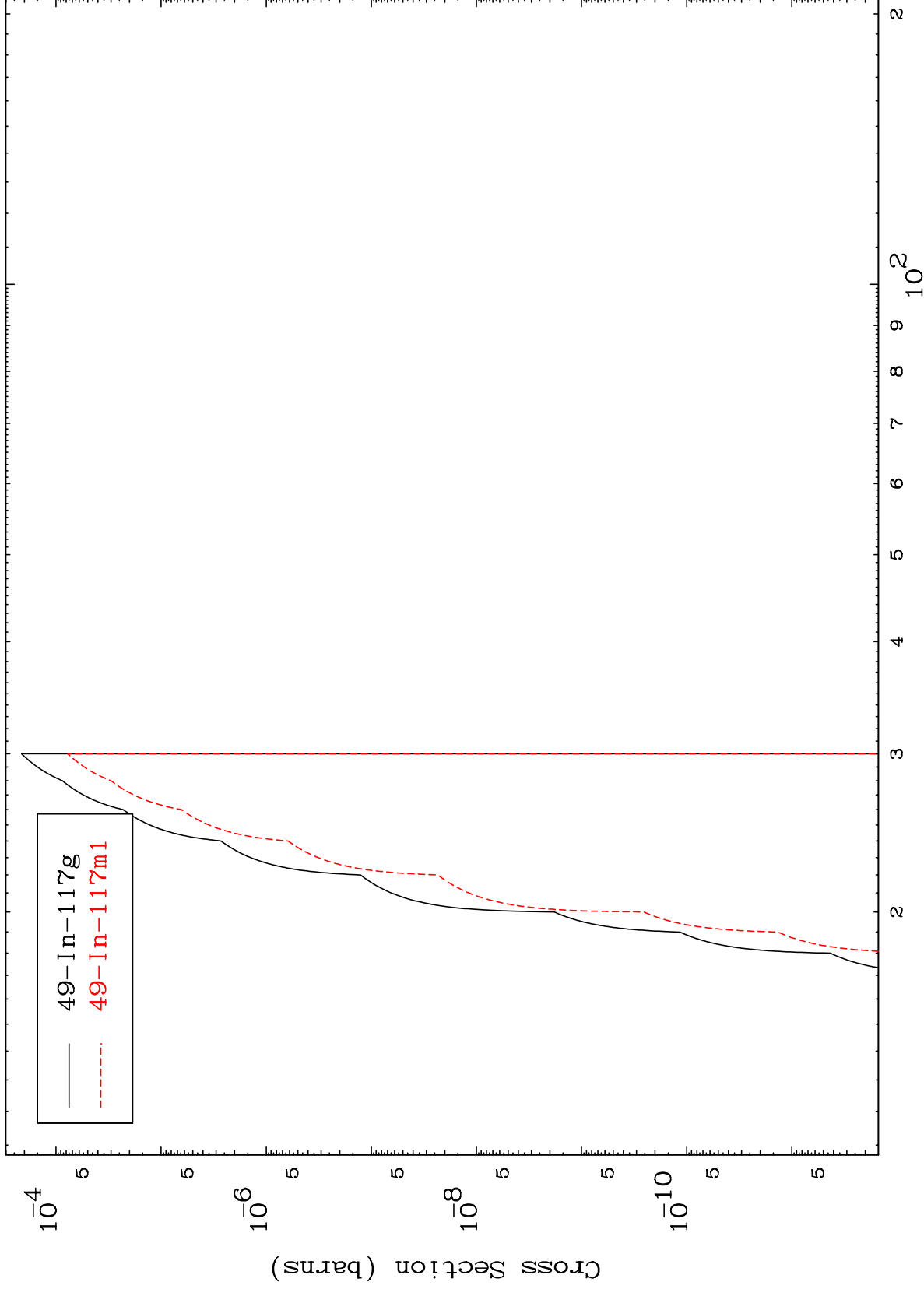
50-Sn-119

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(n,n') He-3

50-Sn-119

Radionuclide Production Cross Section



20

Incident Energy (MeV)

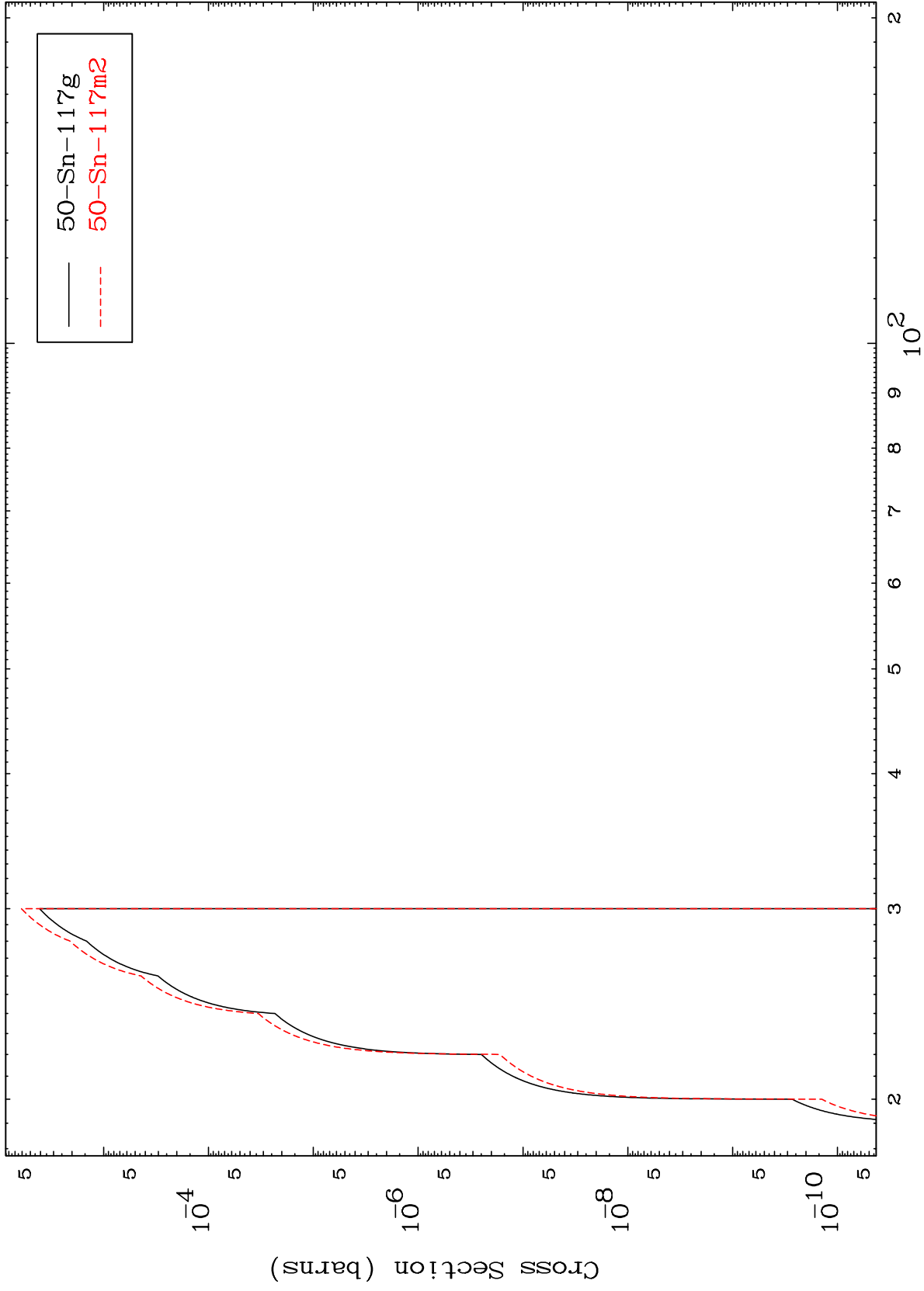
50-Sn-119

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(n,3n) p

50-Sn-119

Radionuclide Production Cross Section

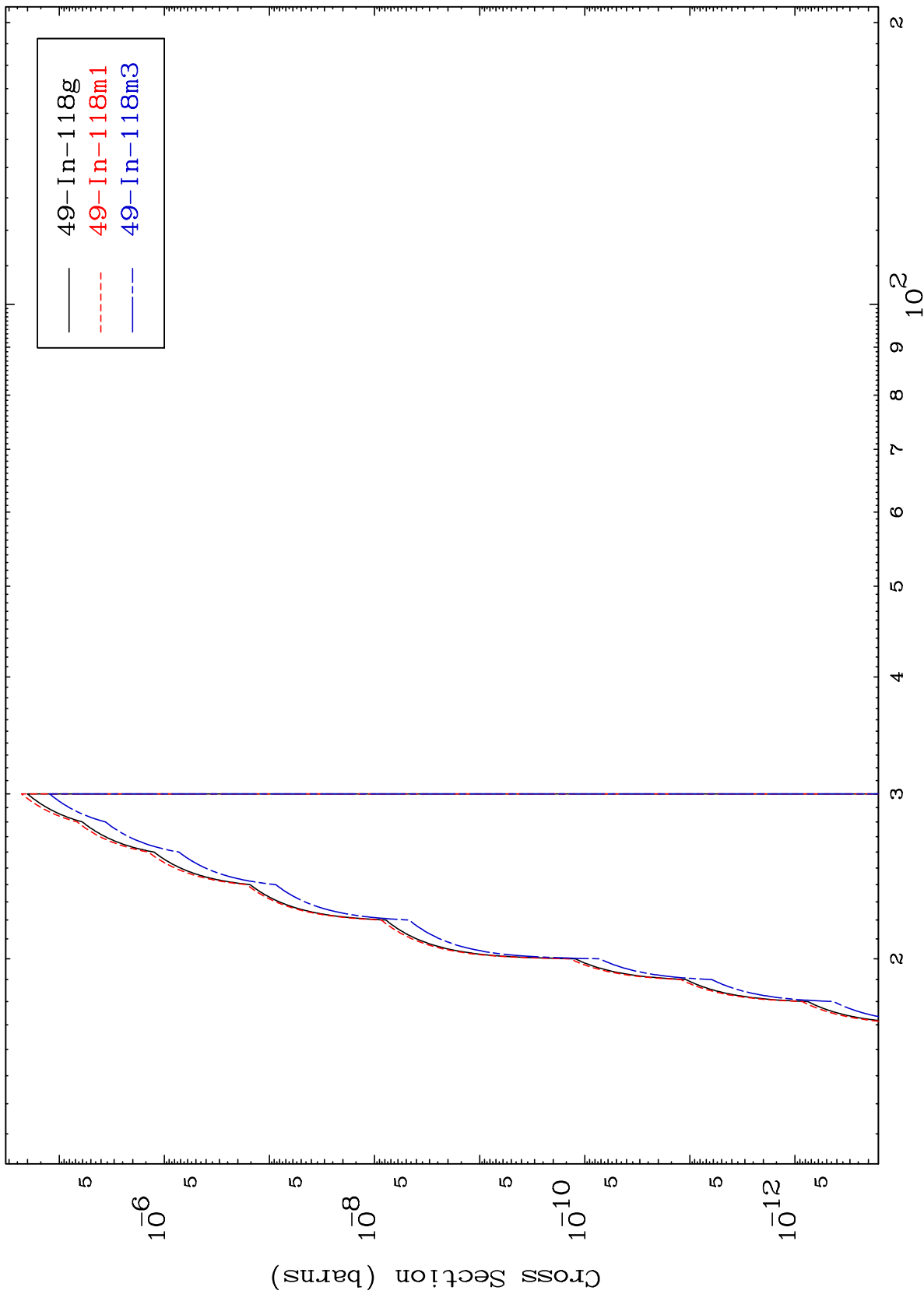


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Incident Energy (MeV)

50-Sn-119

Radionuclide Production Cross Section

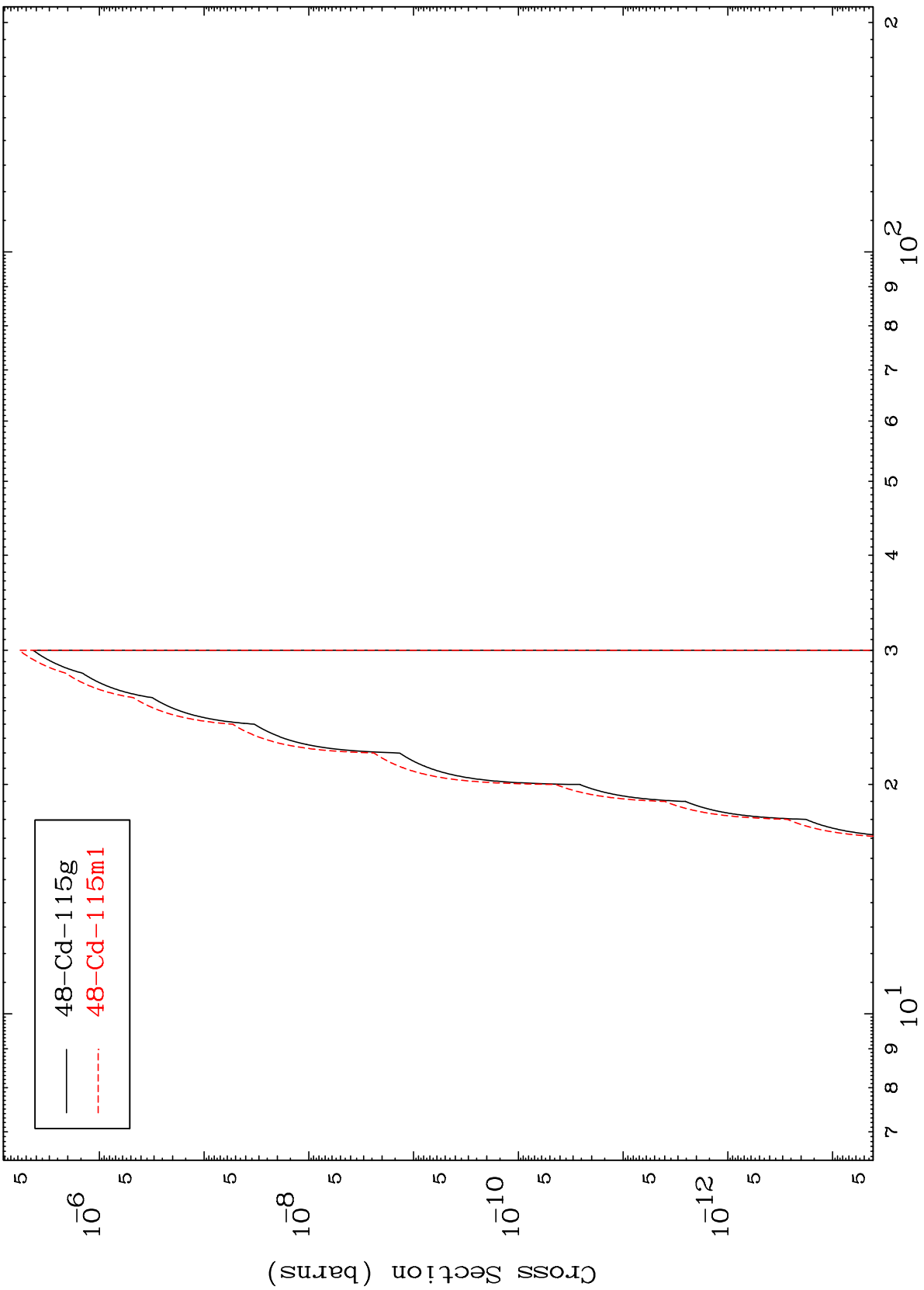


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(n,n') p α

50-Sn-119

Radionuclide Production Cross Section

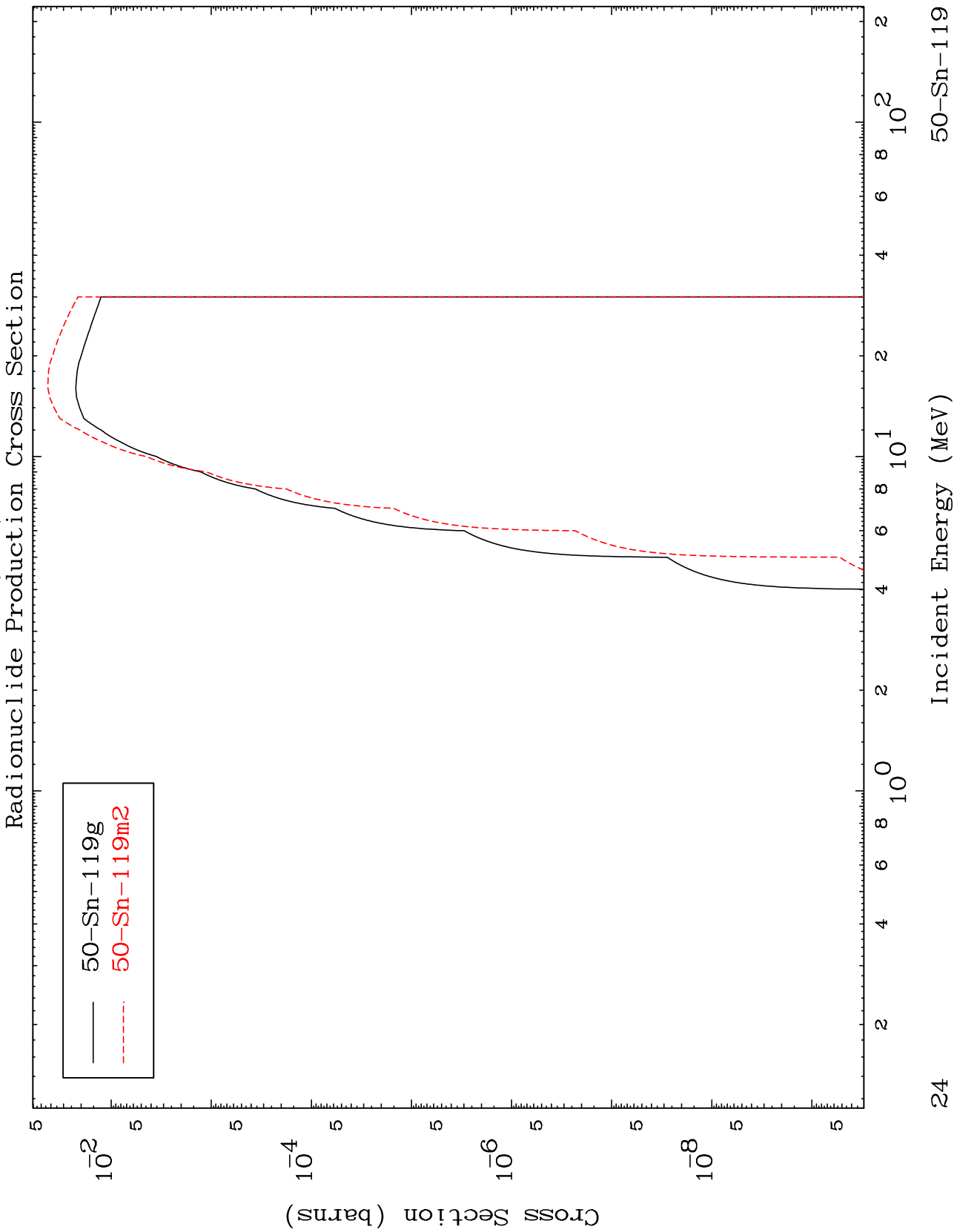


48-Cd-115g
48-Cd-115m1

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(n,d)

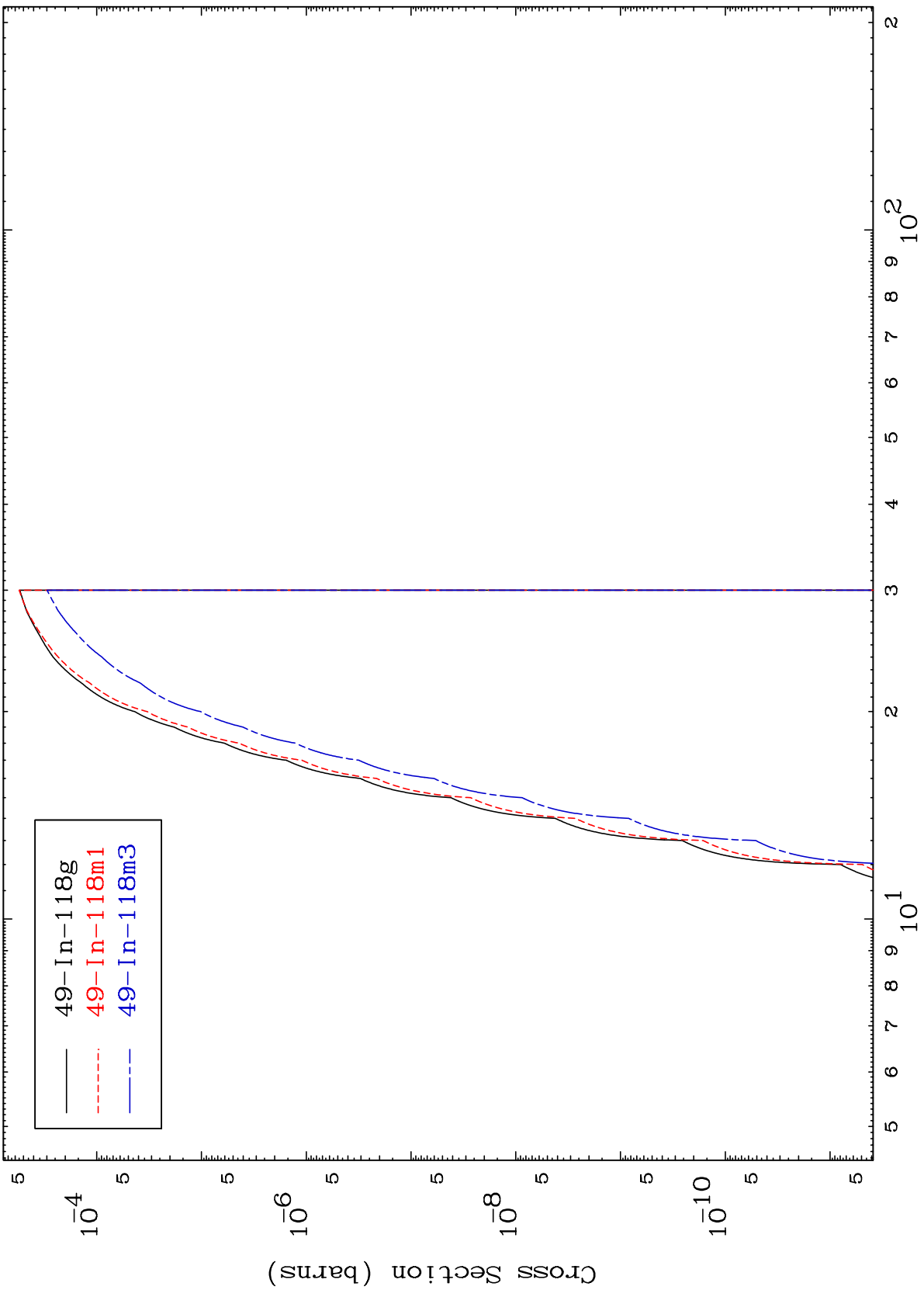
50-Sn-119



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50-Sn-119

(n,He-3)
Radionuclide Production Cross Section



49-In-118g
49-In-118m1
49-In-118m3

25

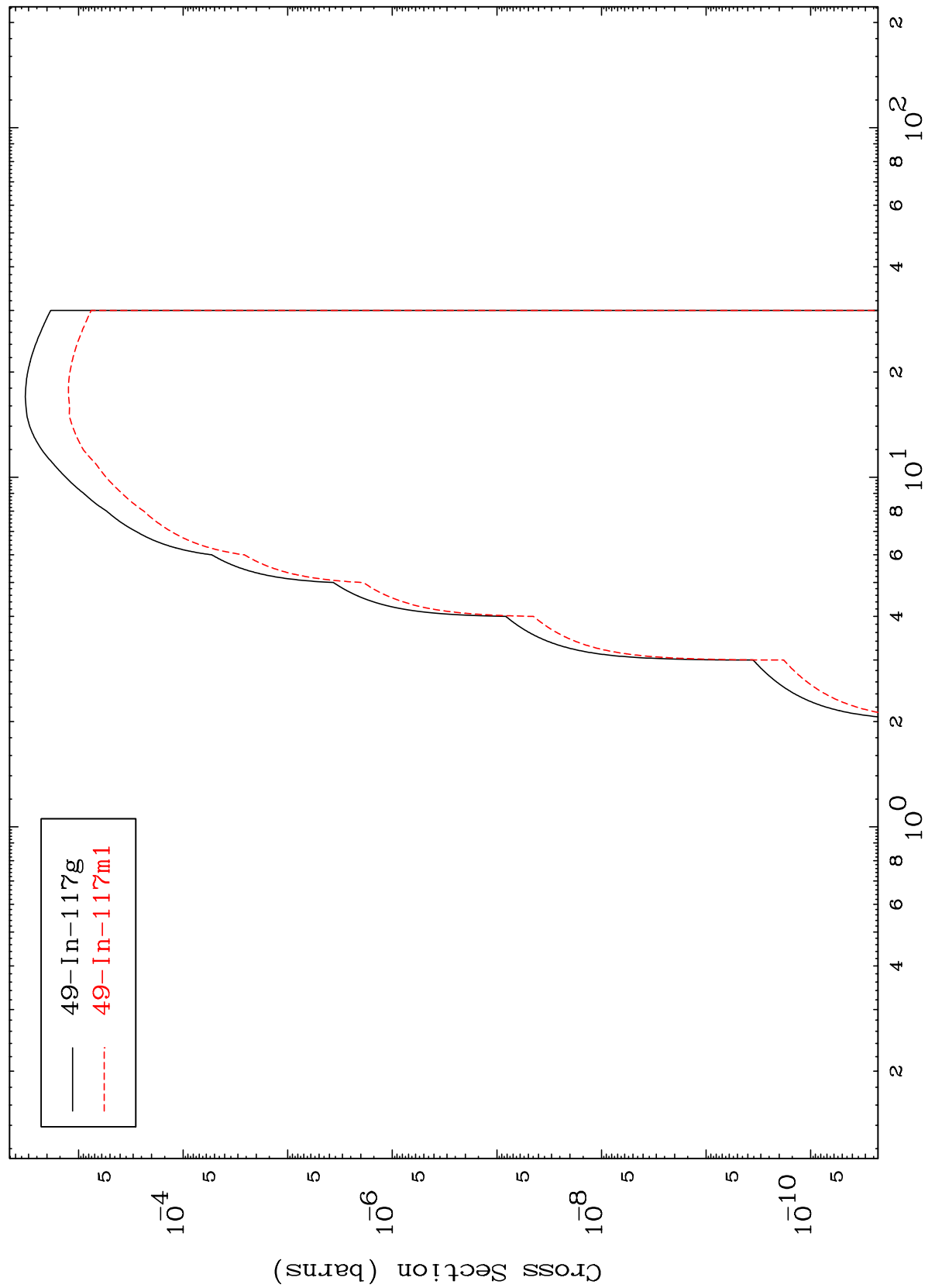
Incident Energy (MeV)

50-Sn-119

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50-Sn-119

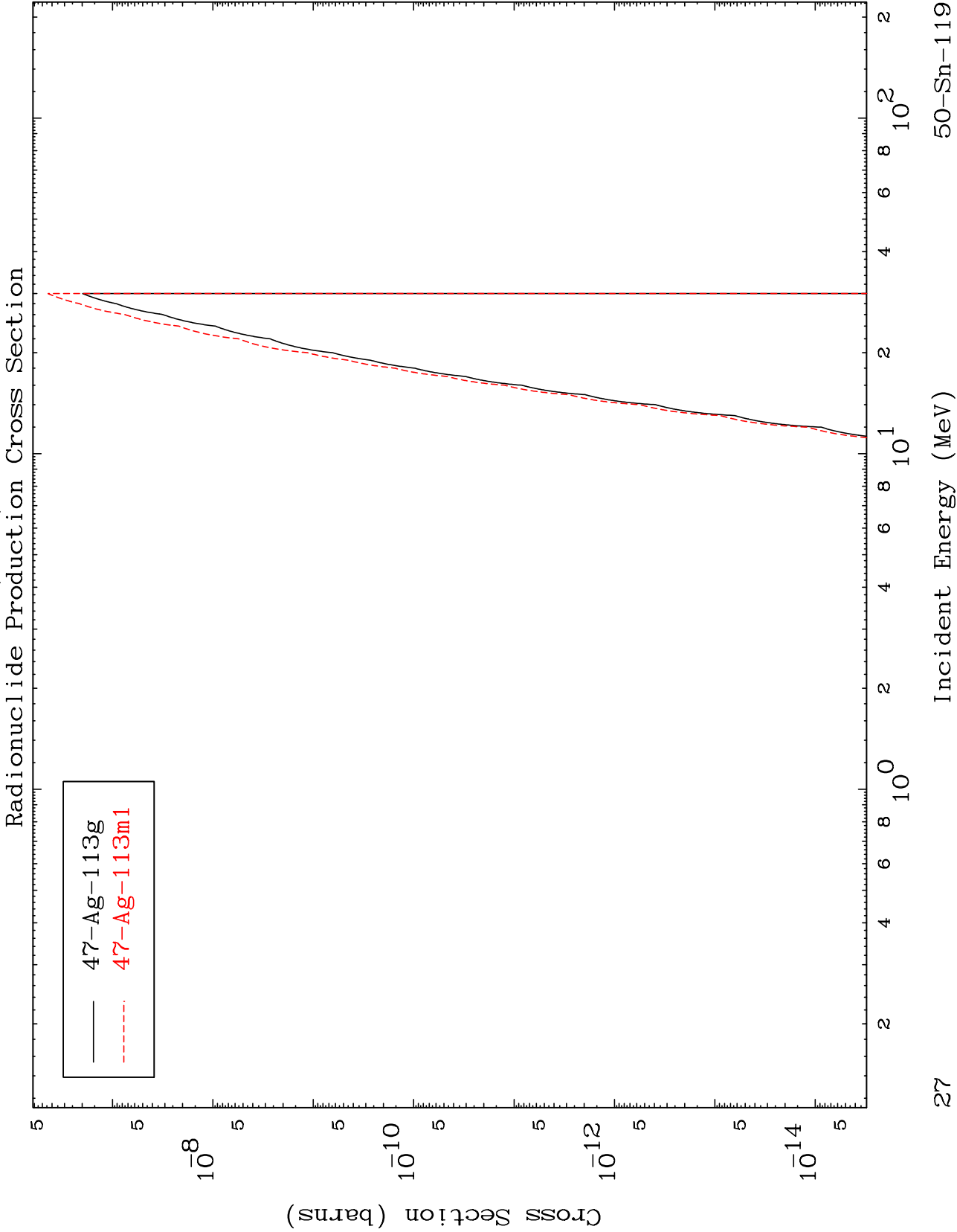
(n, α)
Radionuclide Production Cross Section



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(n,2α)

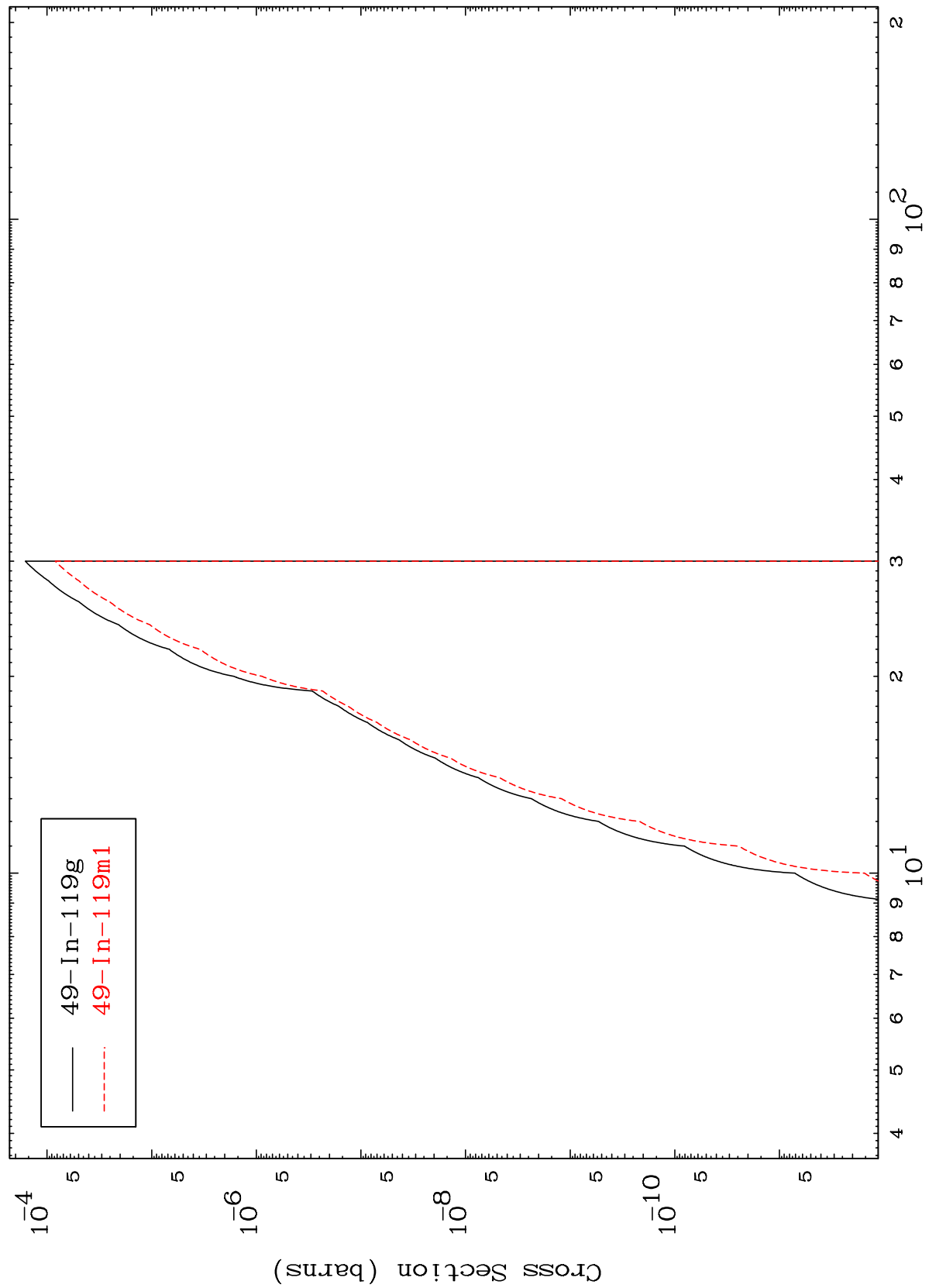
50-Sn-119



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50-Sn-119

(n,2p)
Radionuclide Production Cross Section



— 49-In-119g
- - - 49-In-119m1

50-Sn-119

Incident Energy (MeV)

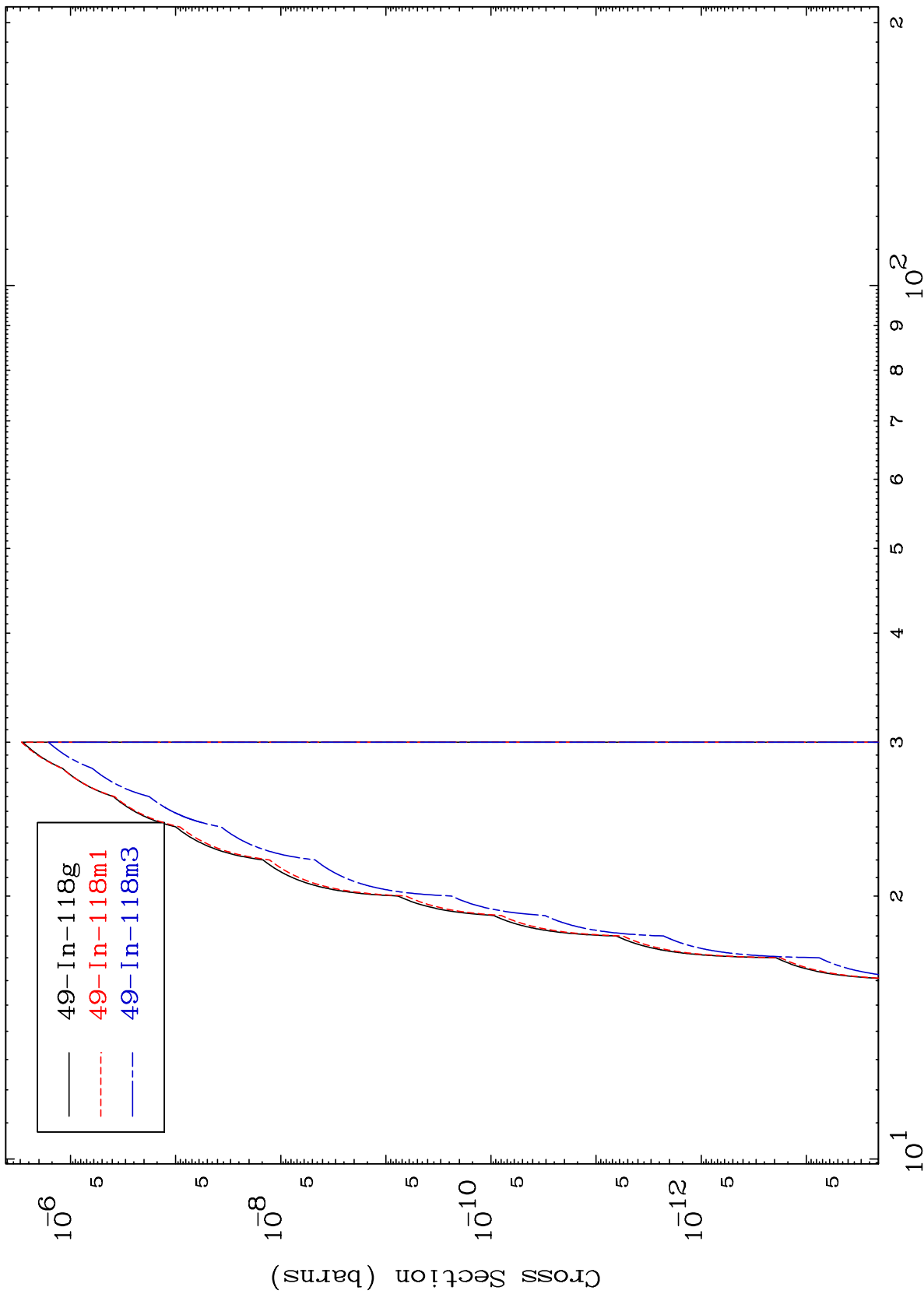
28

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(n,p) d

50-Sn-119

Radionuclide Production Cross Section



29

Incident Energy (MeV)

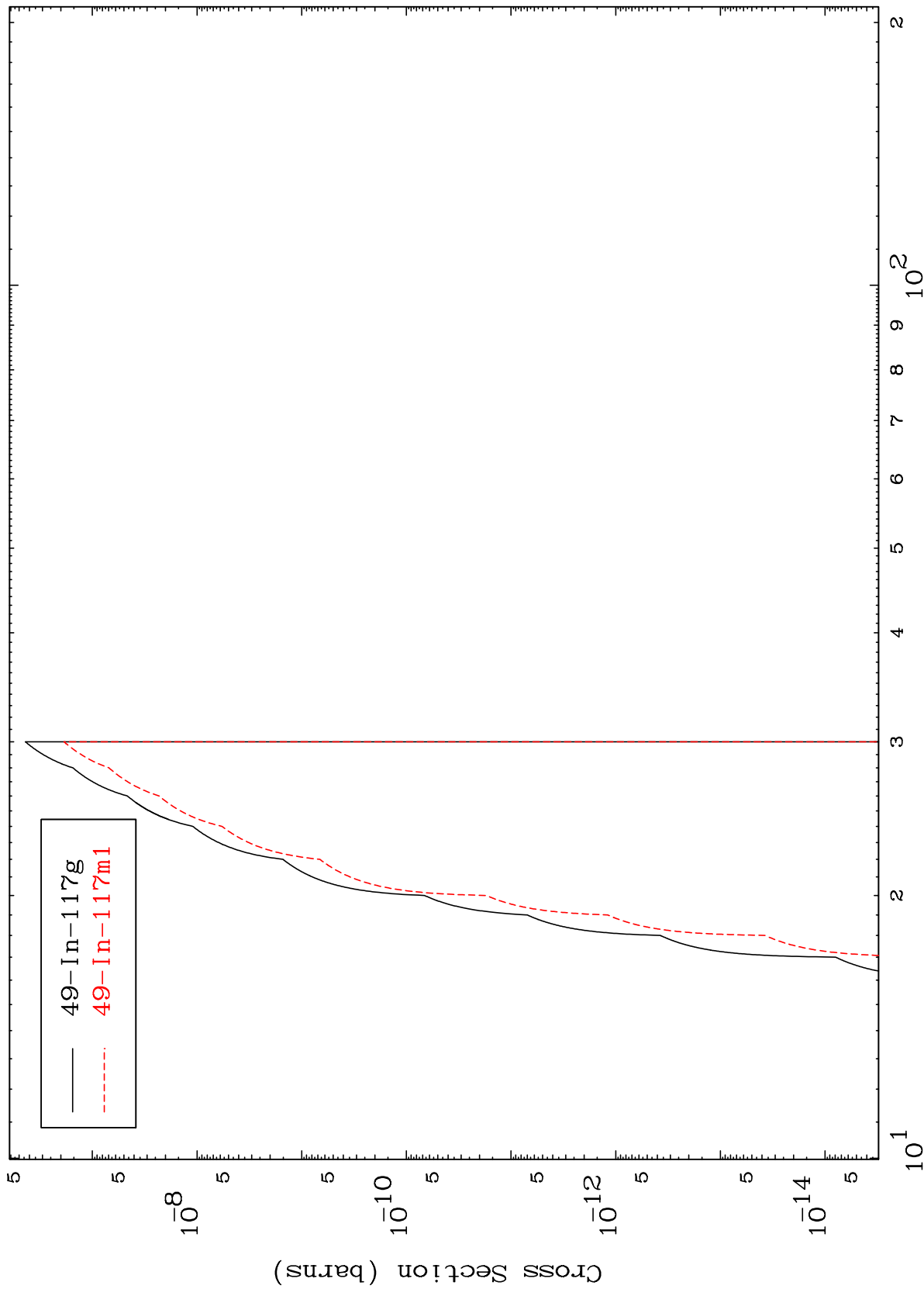
50-Sn-119

MAT 5046

(n,p) t

50-Sn-119

Radionuclide Production Cross Section



Incident Energy (MeV)

50-Sn-119

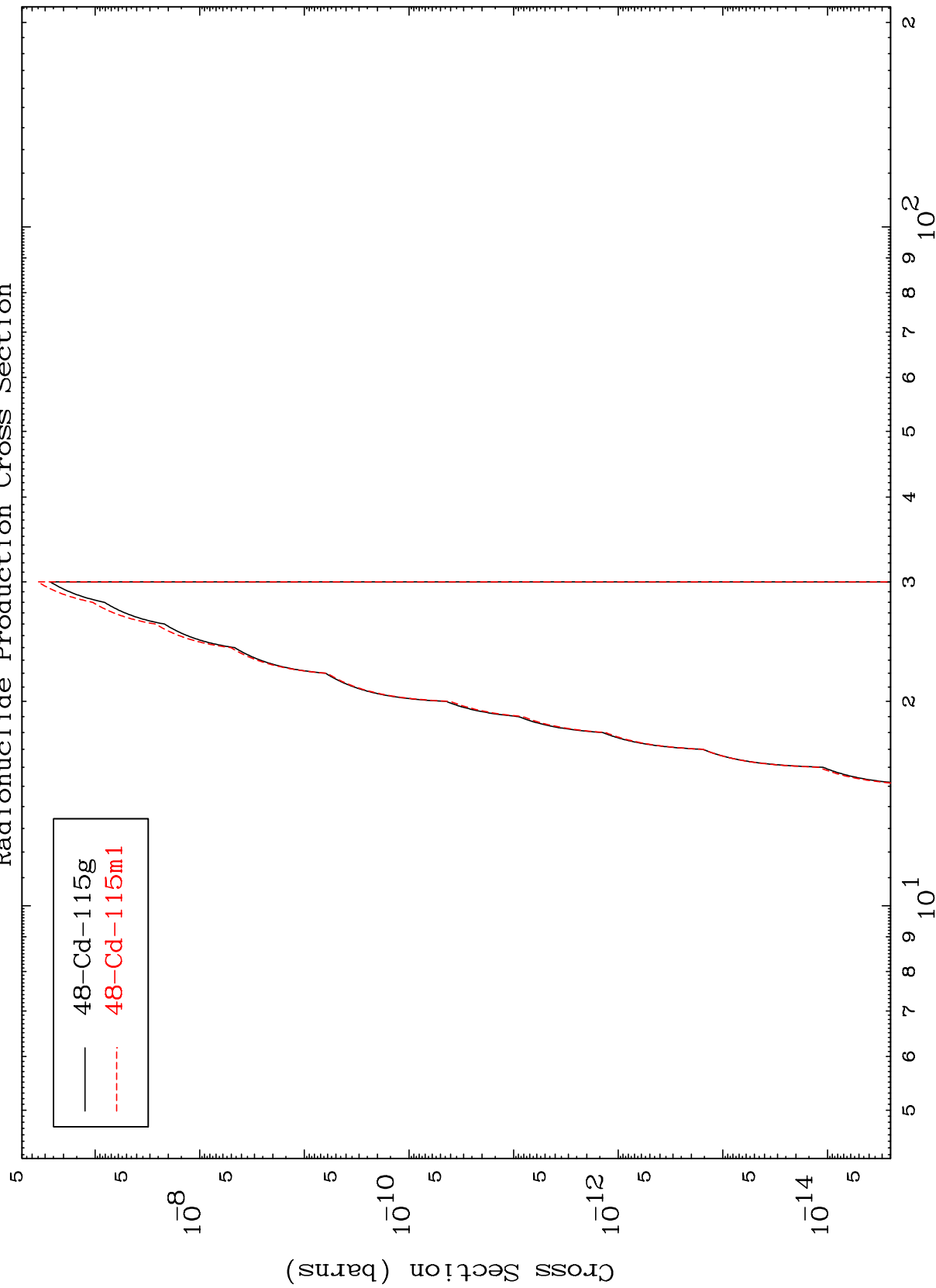
30

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(n,d) α

50-Sn-119

Radionuclide Production Cross Section



31

Incident Energy (MeV)

50-Sn-119