

Program EVALPLOT
(Version 2021-1)

by

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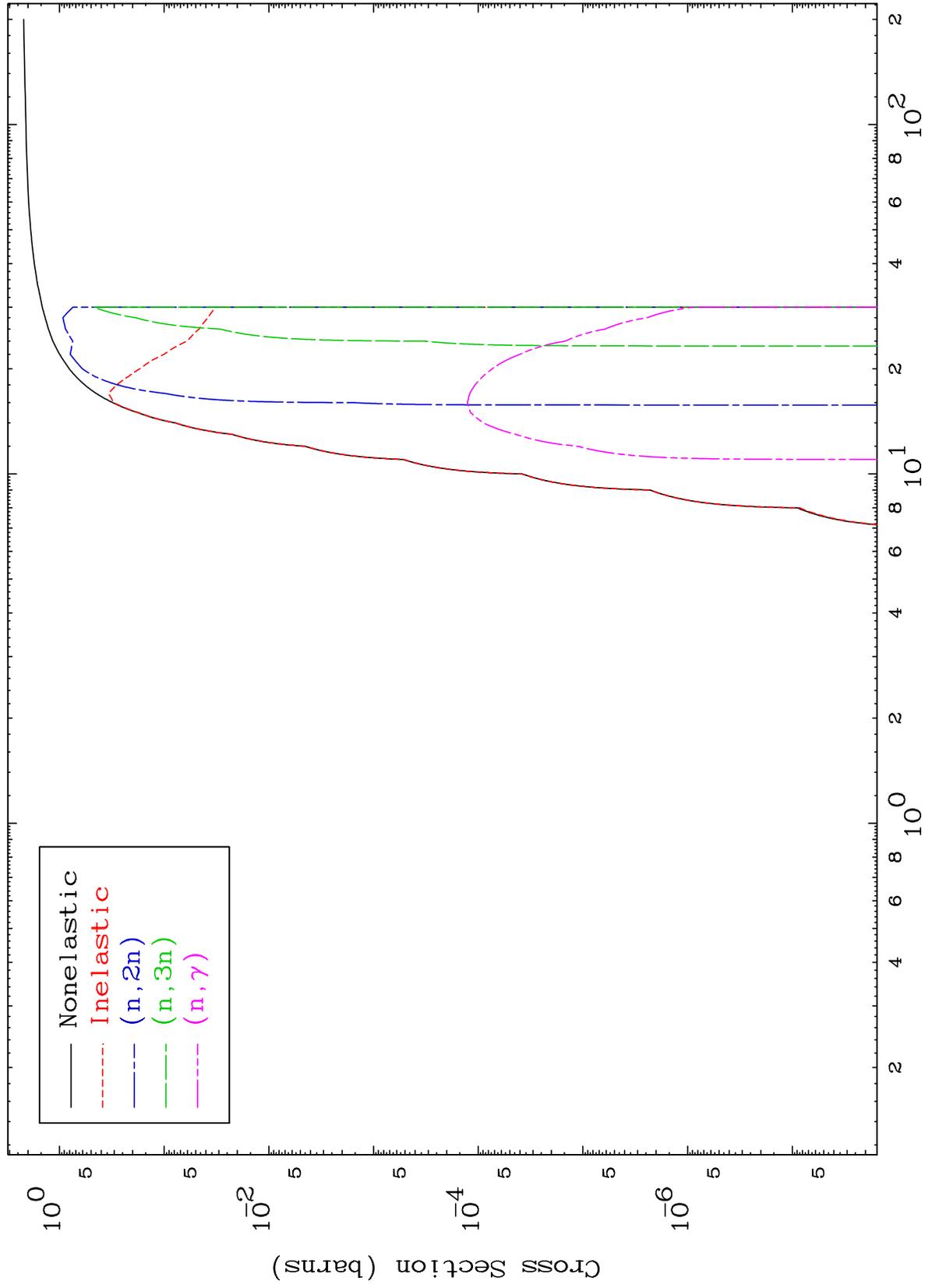
Press Mouse Button to Start

MAT 5046

α Major

50-Sn-119

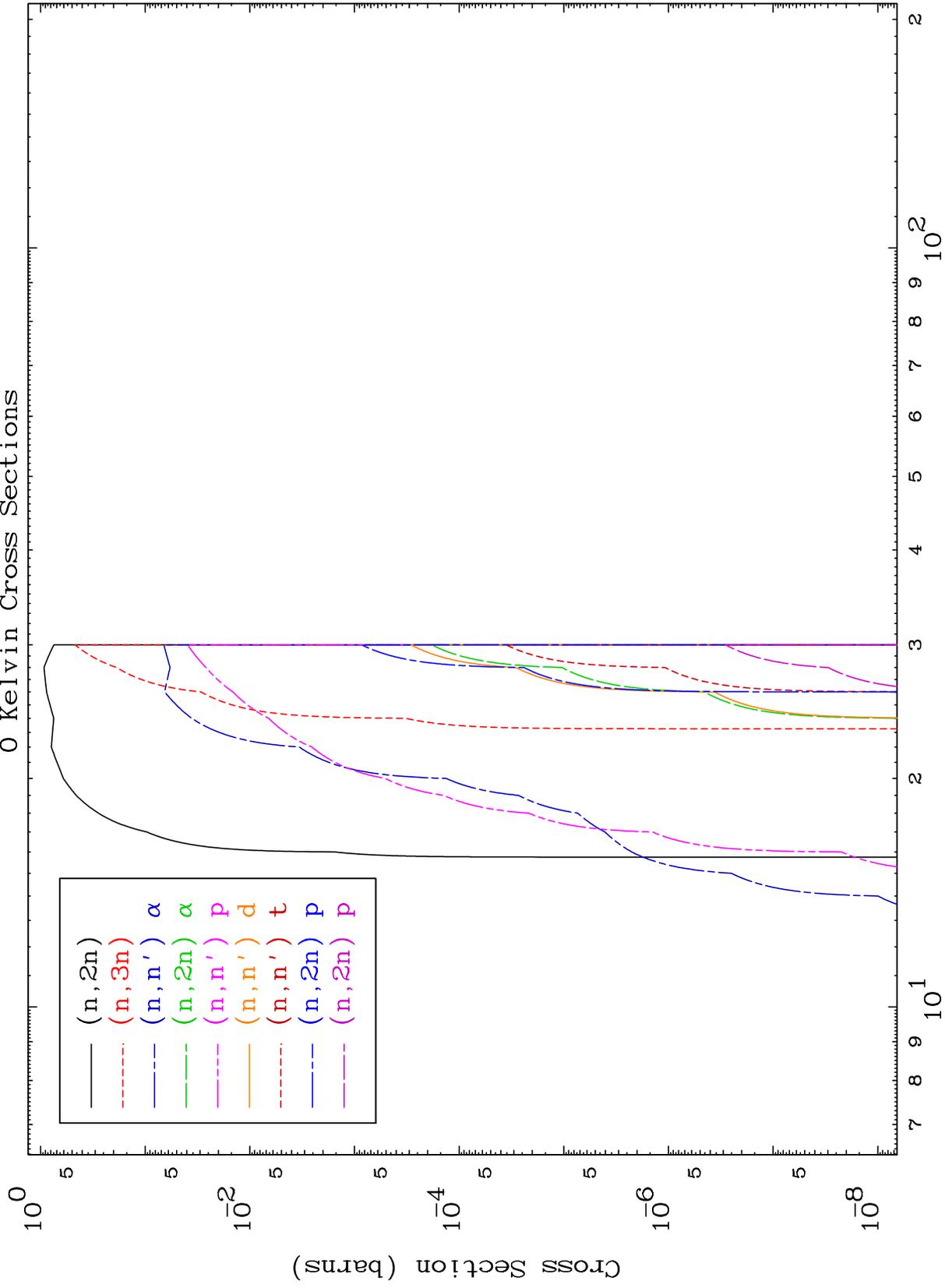
0 Kelvin Cross Sections



MAT 5046

α Neutron Absorption
0 Kelvin Cross Sections

50-Sn-119



2

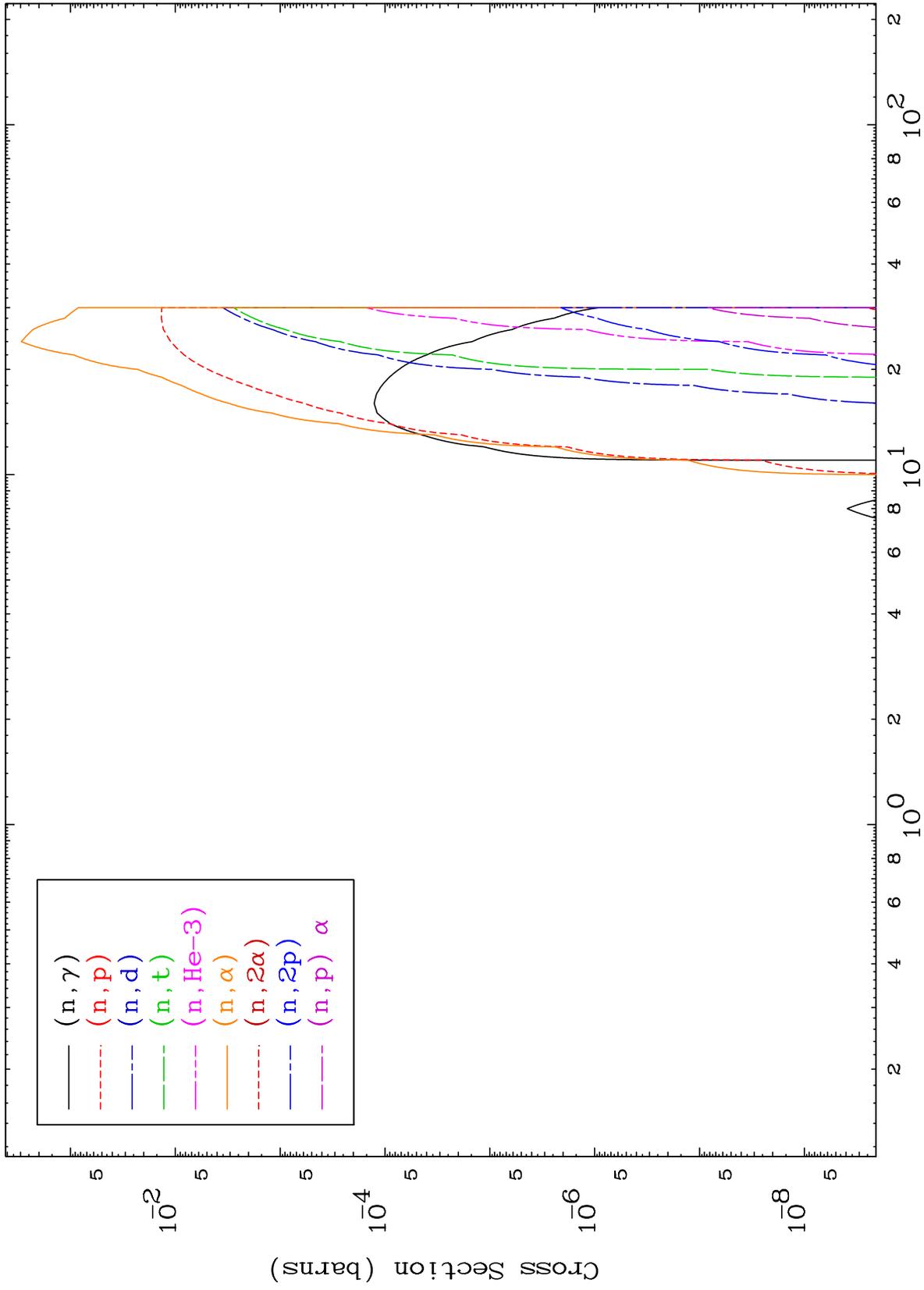
Incident Energy (MeV)

50-Sn-119

MAT 5046

α Neutron Absorption
0 Kelvin Cross Sections

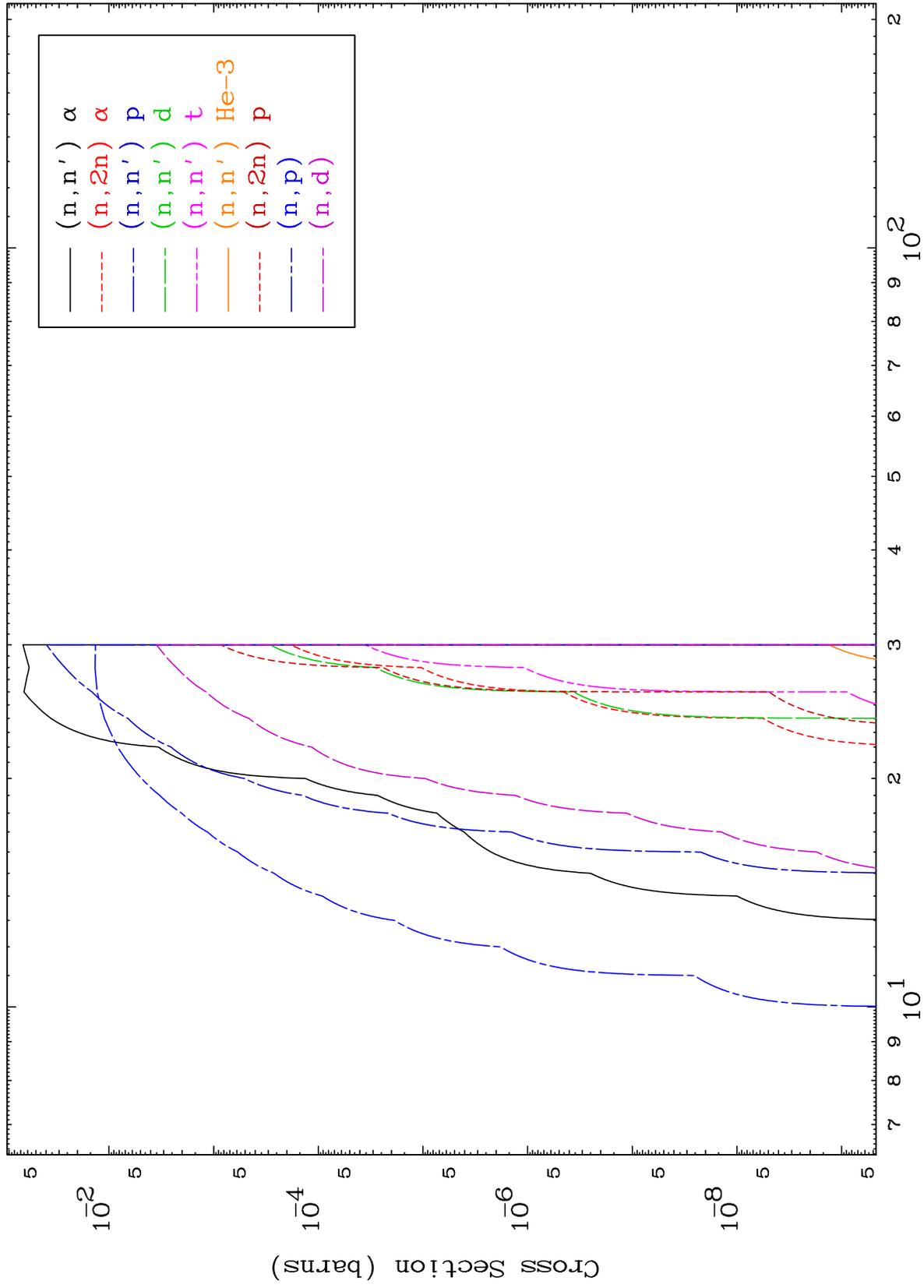
50-Sn-119

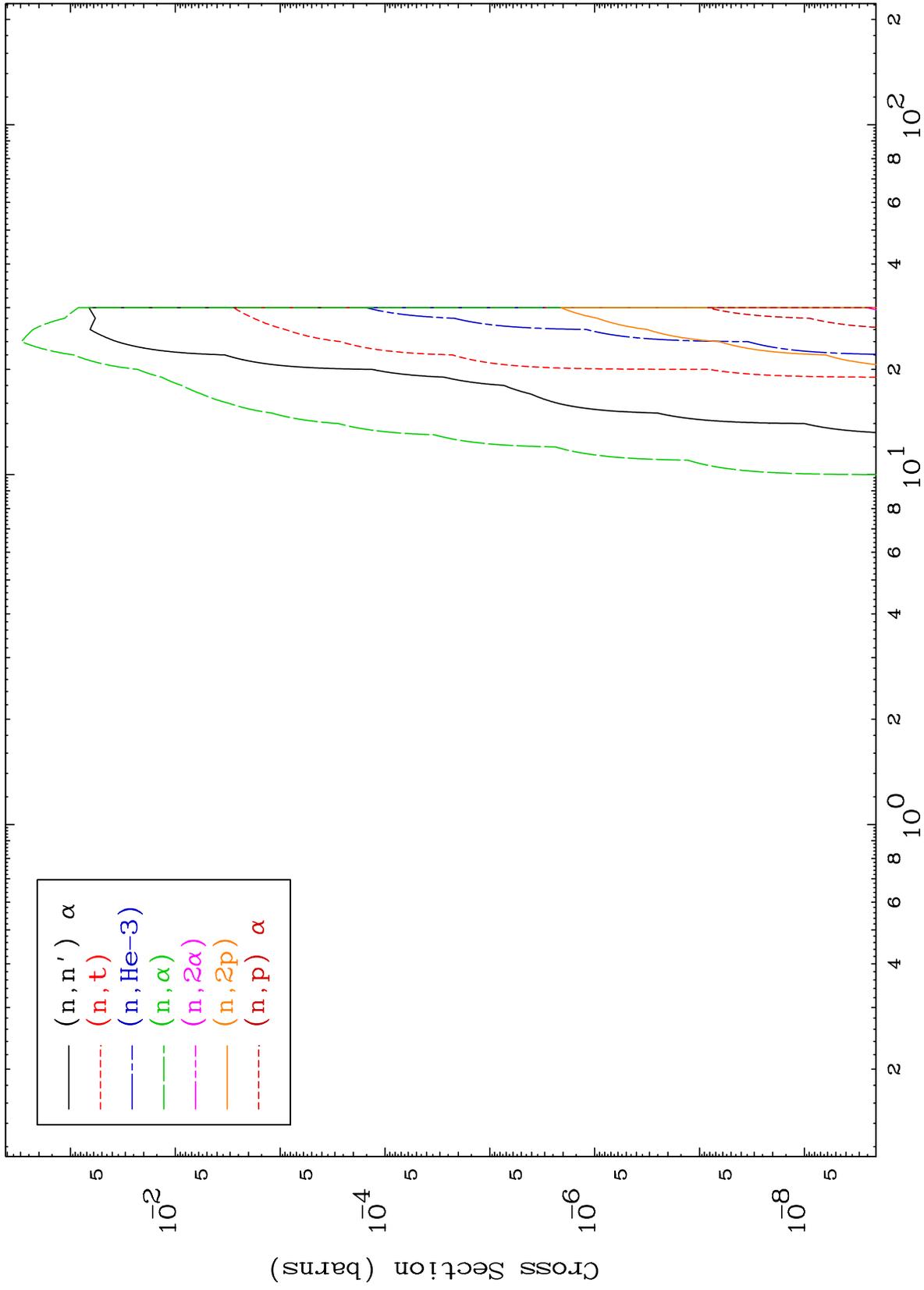


3

Incident Energy (MeV)

50-Sn-119

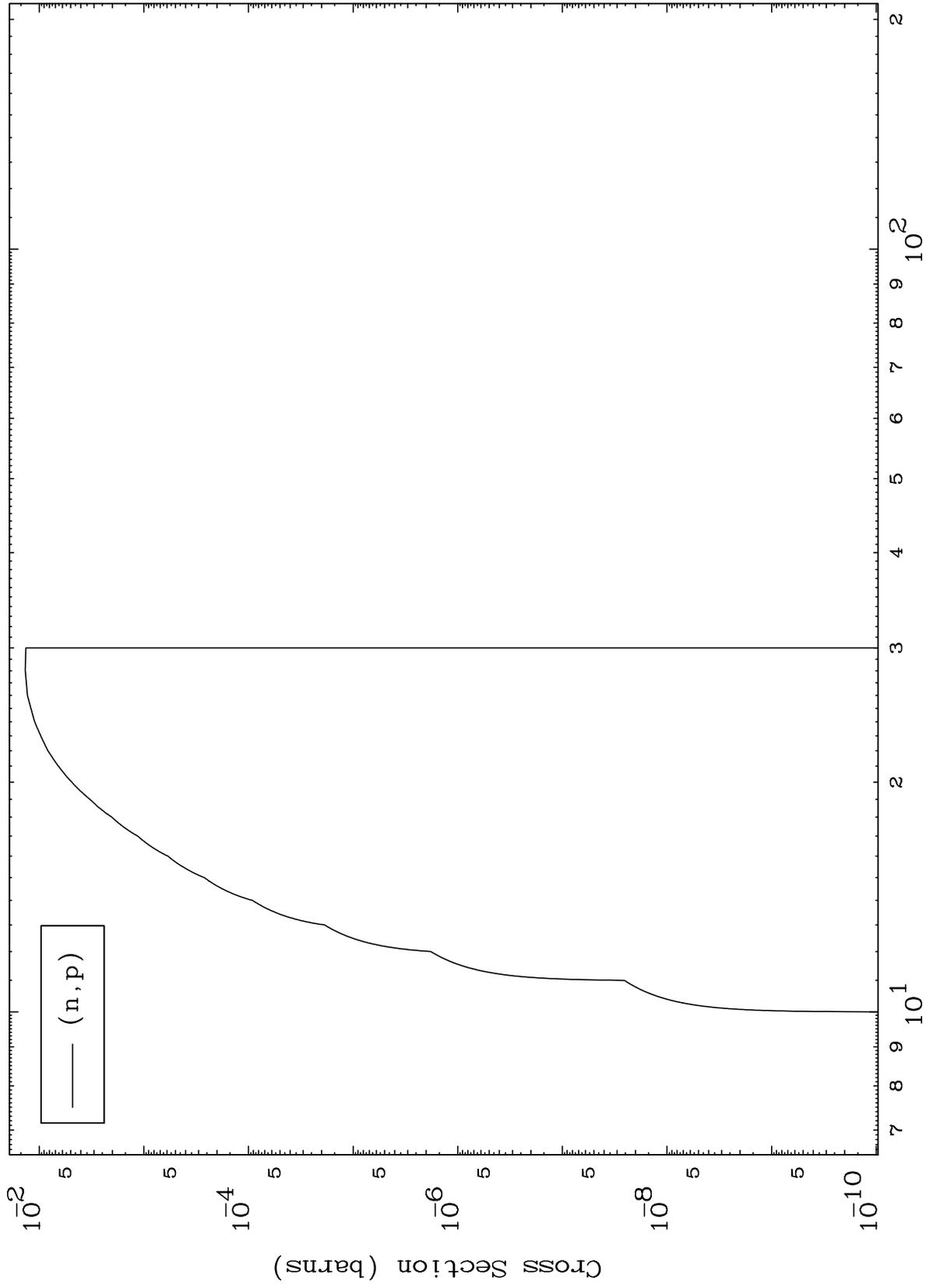




MAT 5046

(α, p) Levels
0 Kelvin Cross Sections

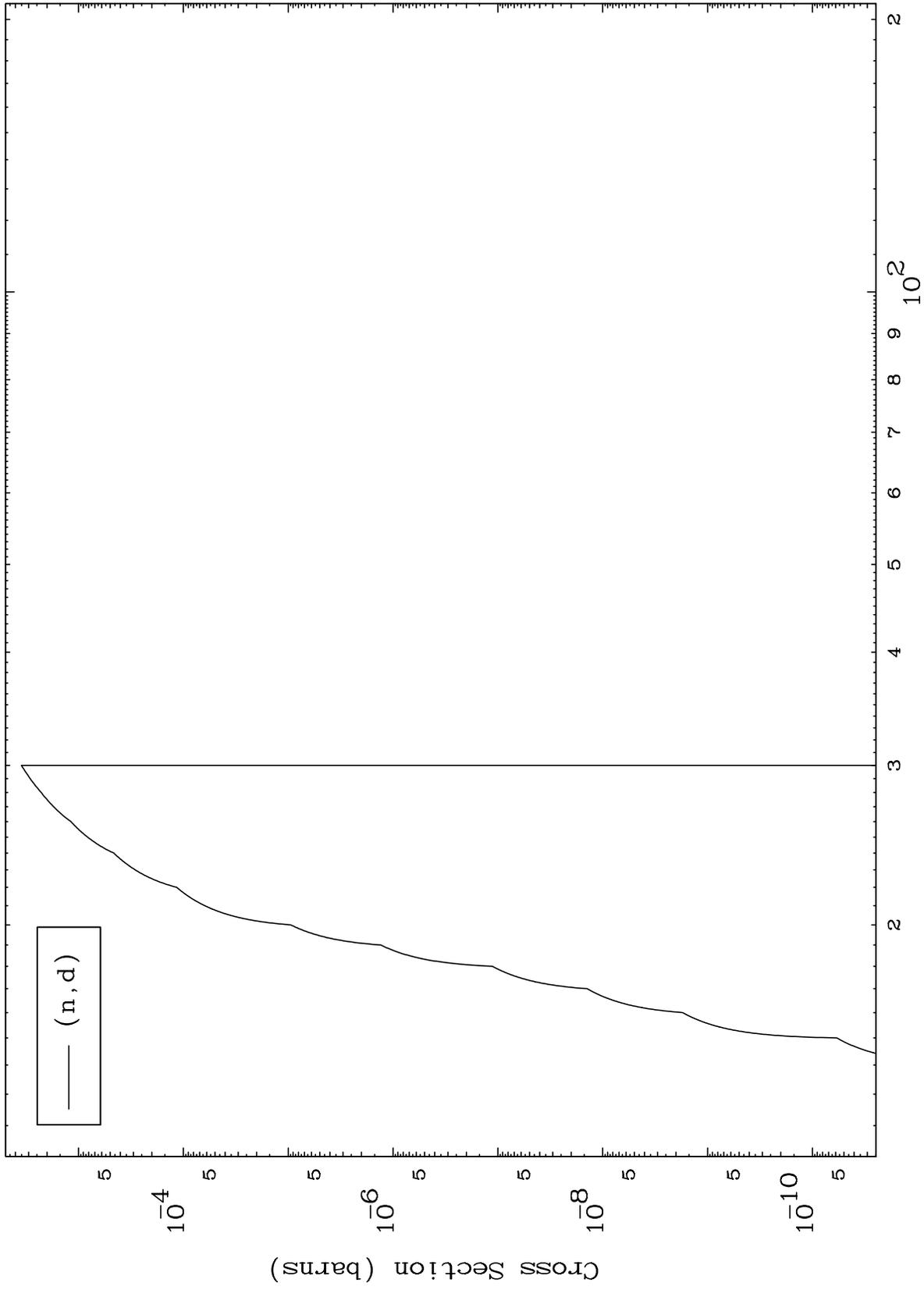
50-Sn-119



MAT 5046

(α, d) Levels
0 Kelvin Cross Sections

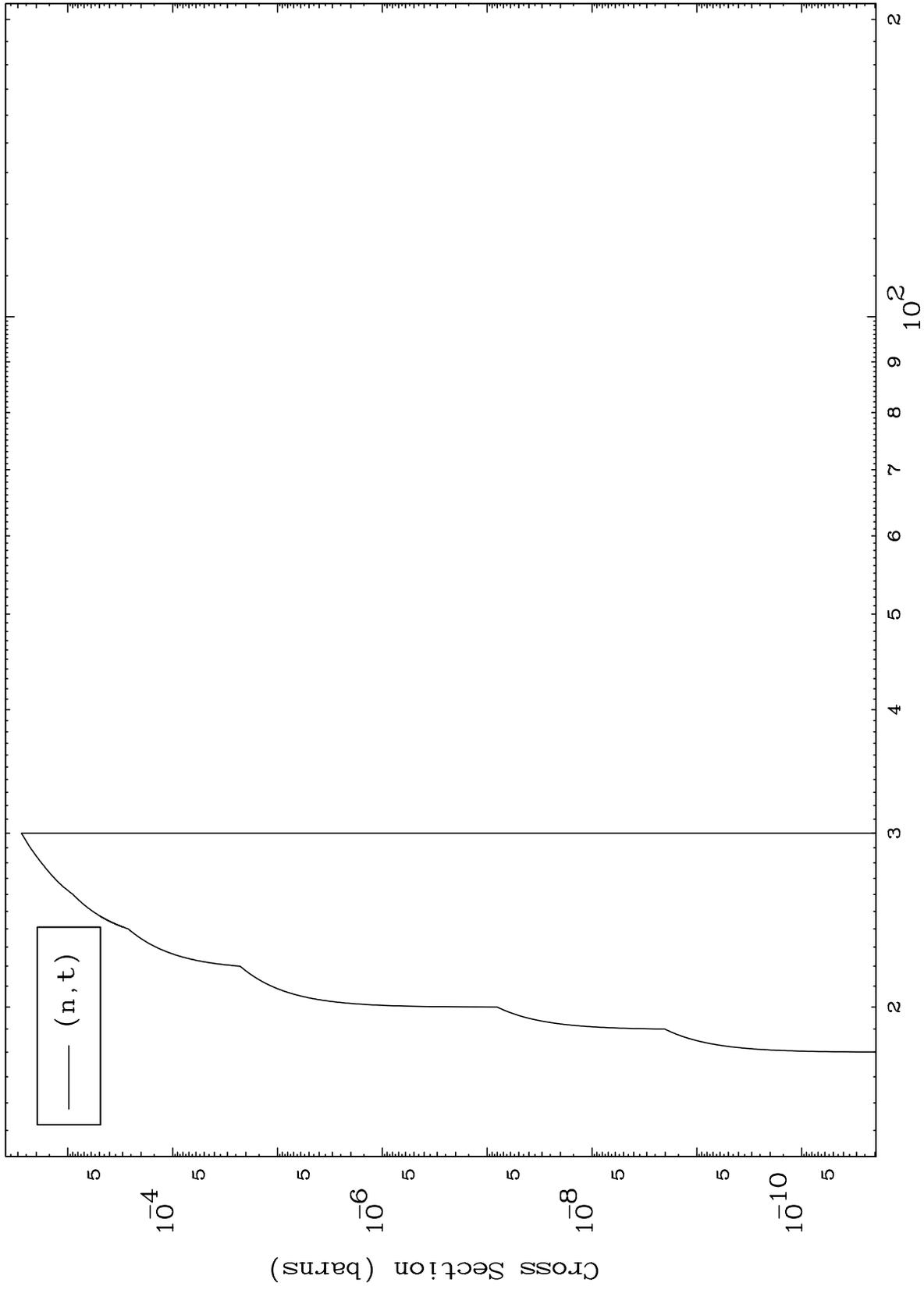
50-Sn-119



MAT 5046

(α, t) Levels
0 Kelvin Cross Sections

50-Sn-119



8

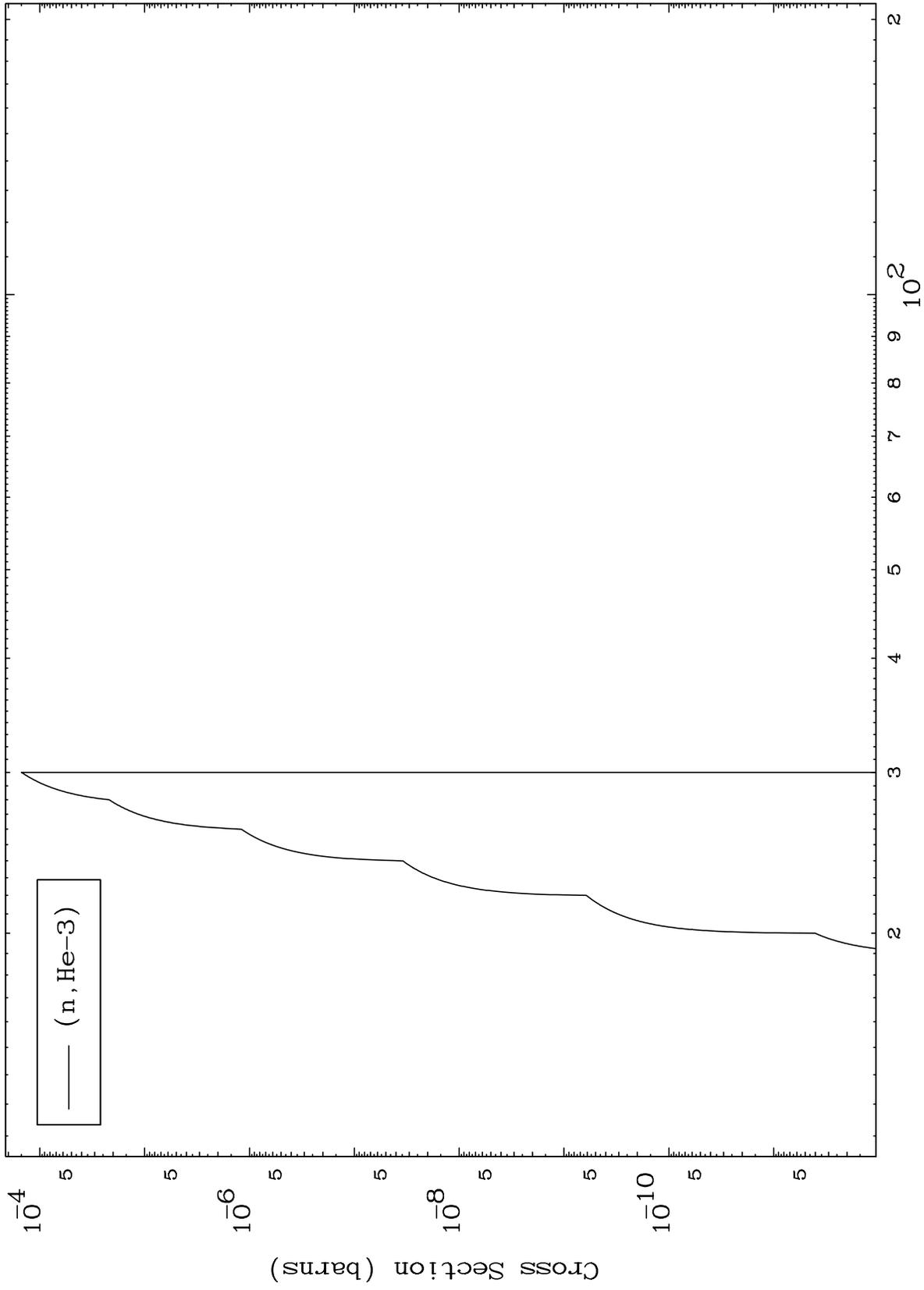
Incident Energy (MeV)

50-Sn-119

MAT 5046

($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections

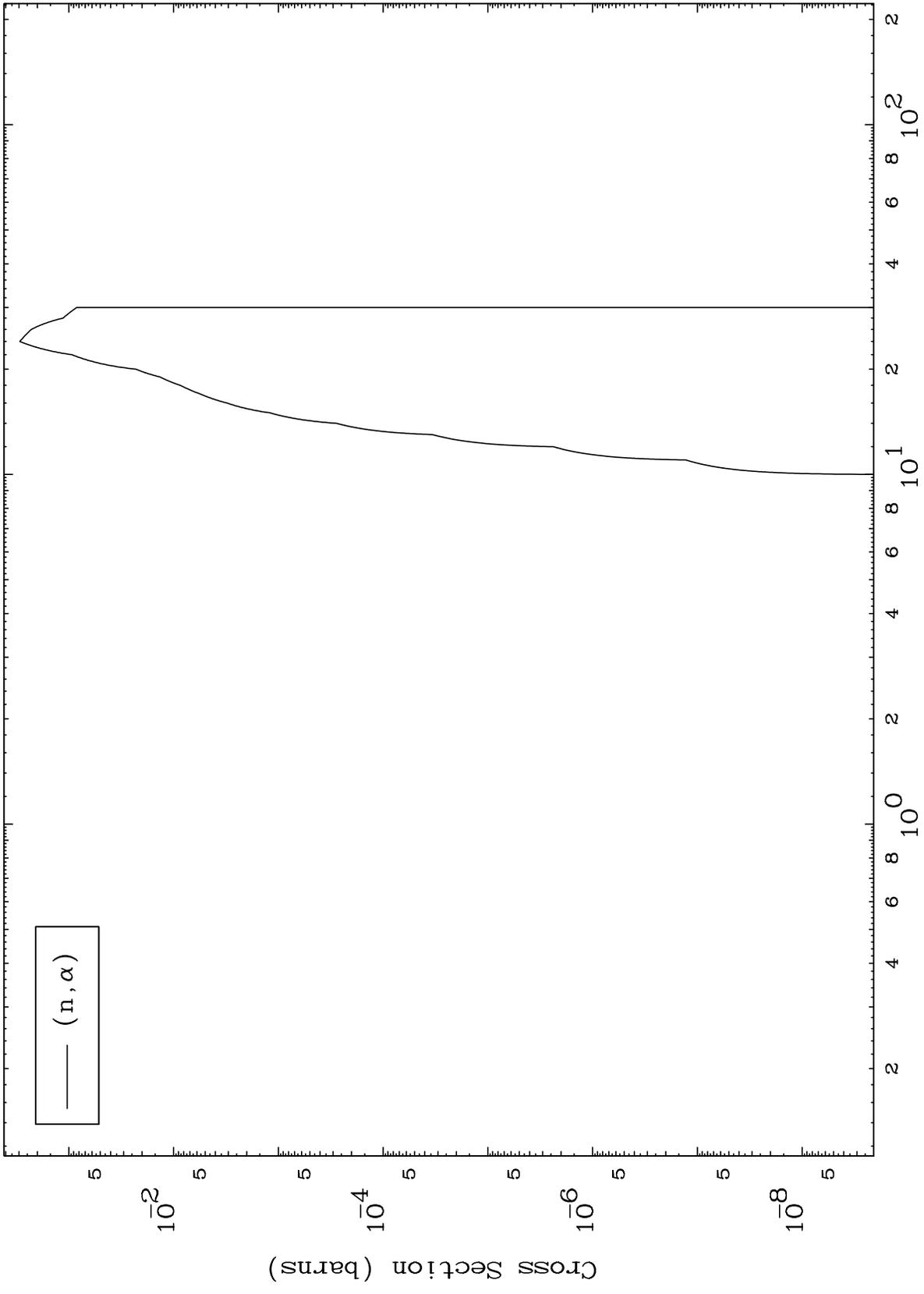
50-Sn-119



MAT 5046

(α, α) Levels
0 Kelvin Cross Sections

50-Sn-119



10

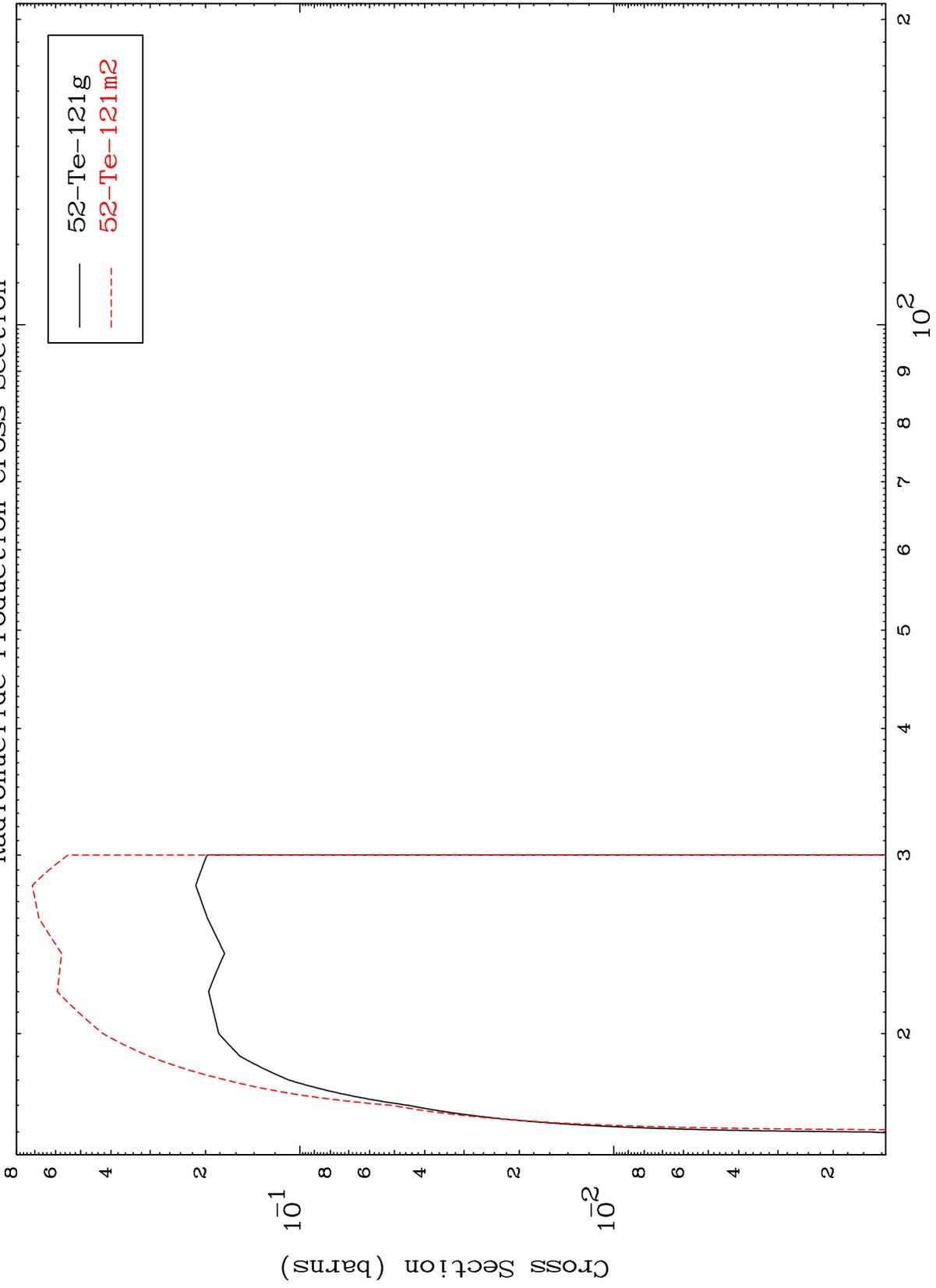
Incident Energy (MeV)

50-Sn-119

MAT 5046

50-Sn-119

(n,2n)
Radionuclide Production Cross Section



11

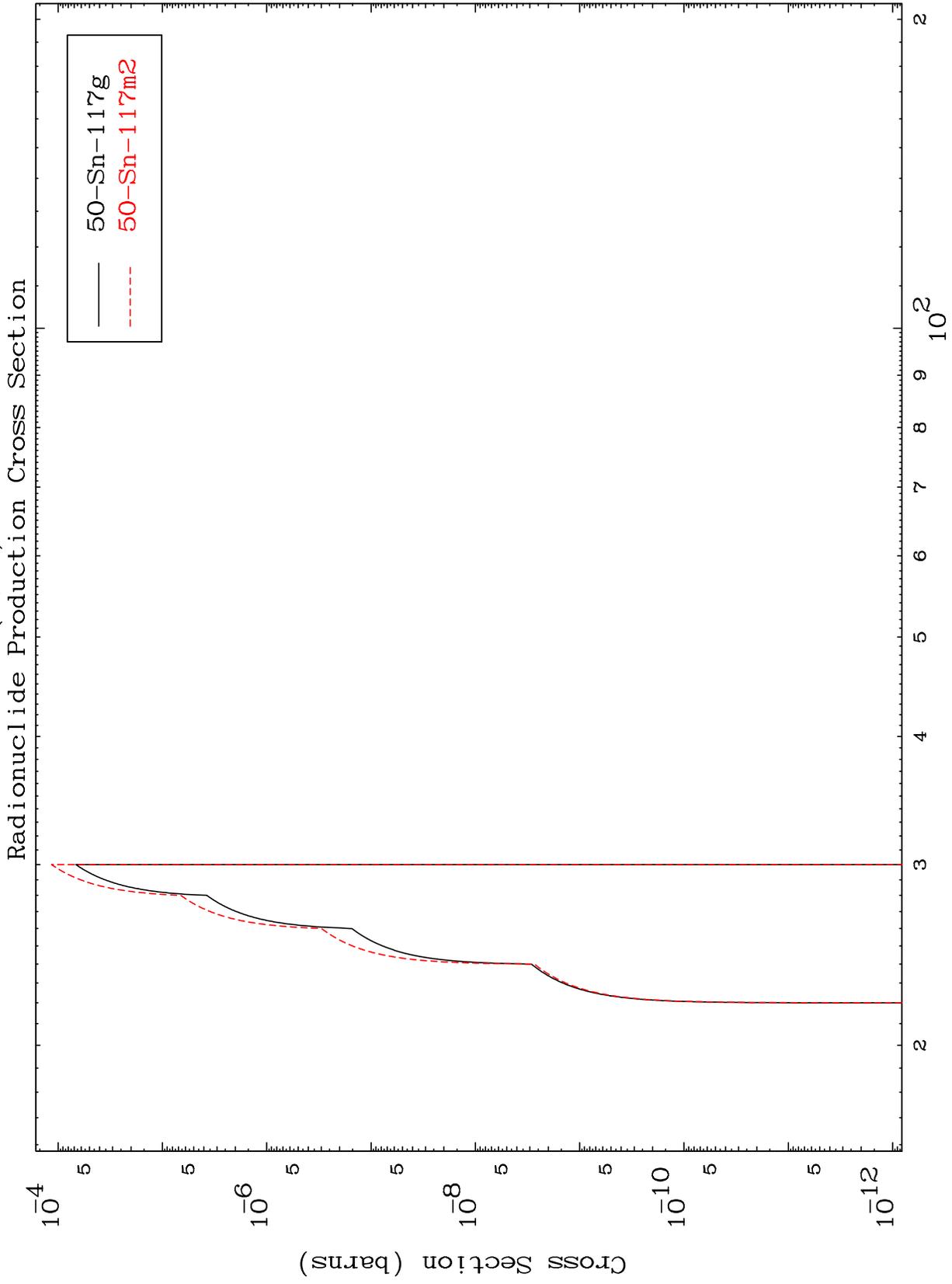
Incident Energy (MeV)

50-Sn-119

MAT 5046

(n,2n) α

50-Sn-119



12

Incident Energy (MeV)

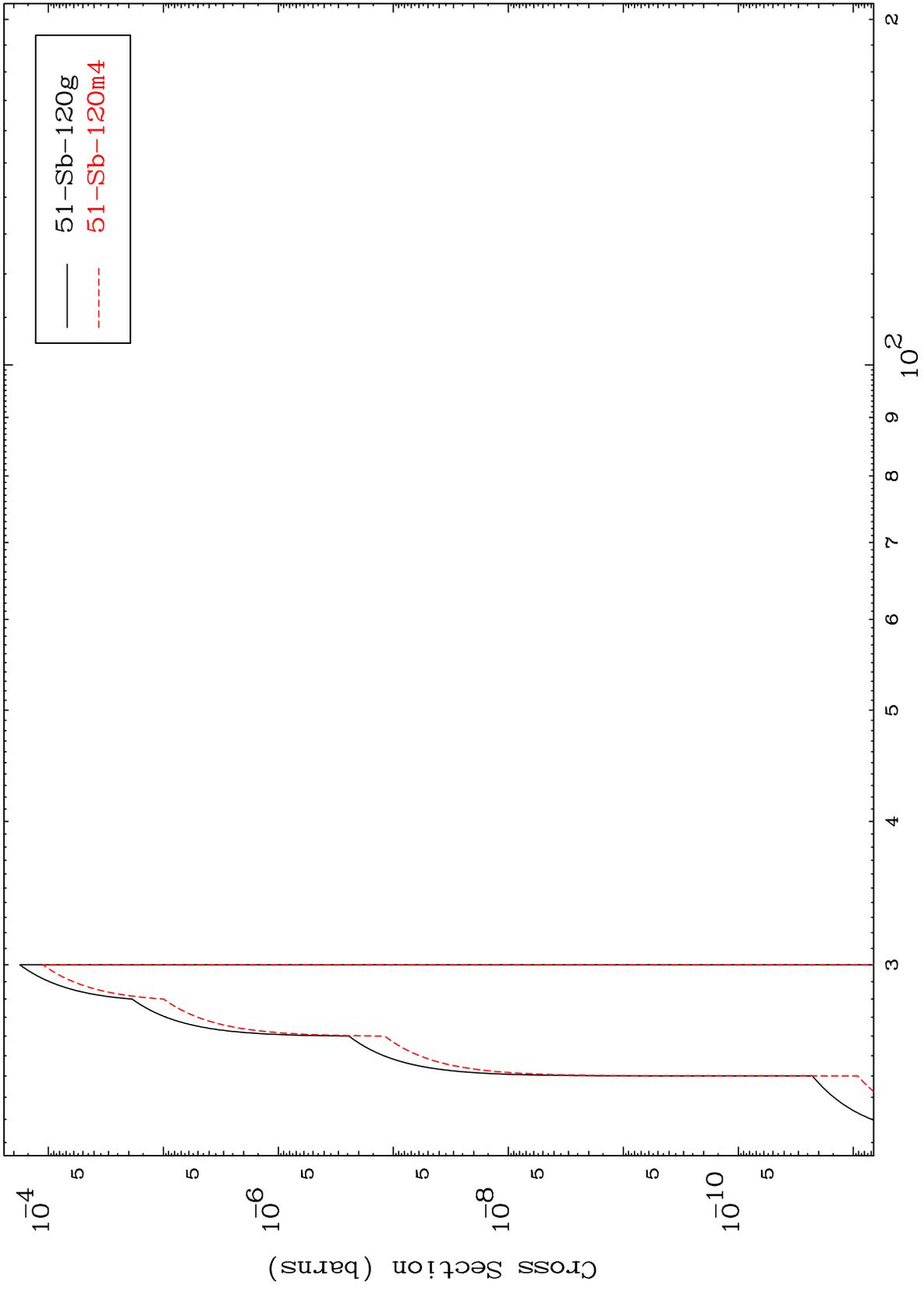
50-Sn-119

MAT 5046

(n,n') d

50-Sn-119

Radionuclide Production Cross Section



13

Incident Energy (MeV)

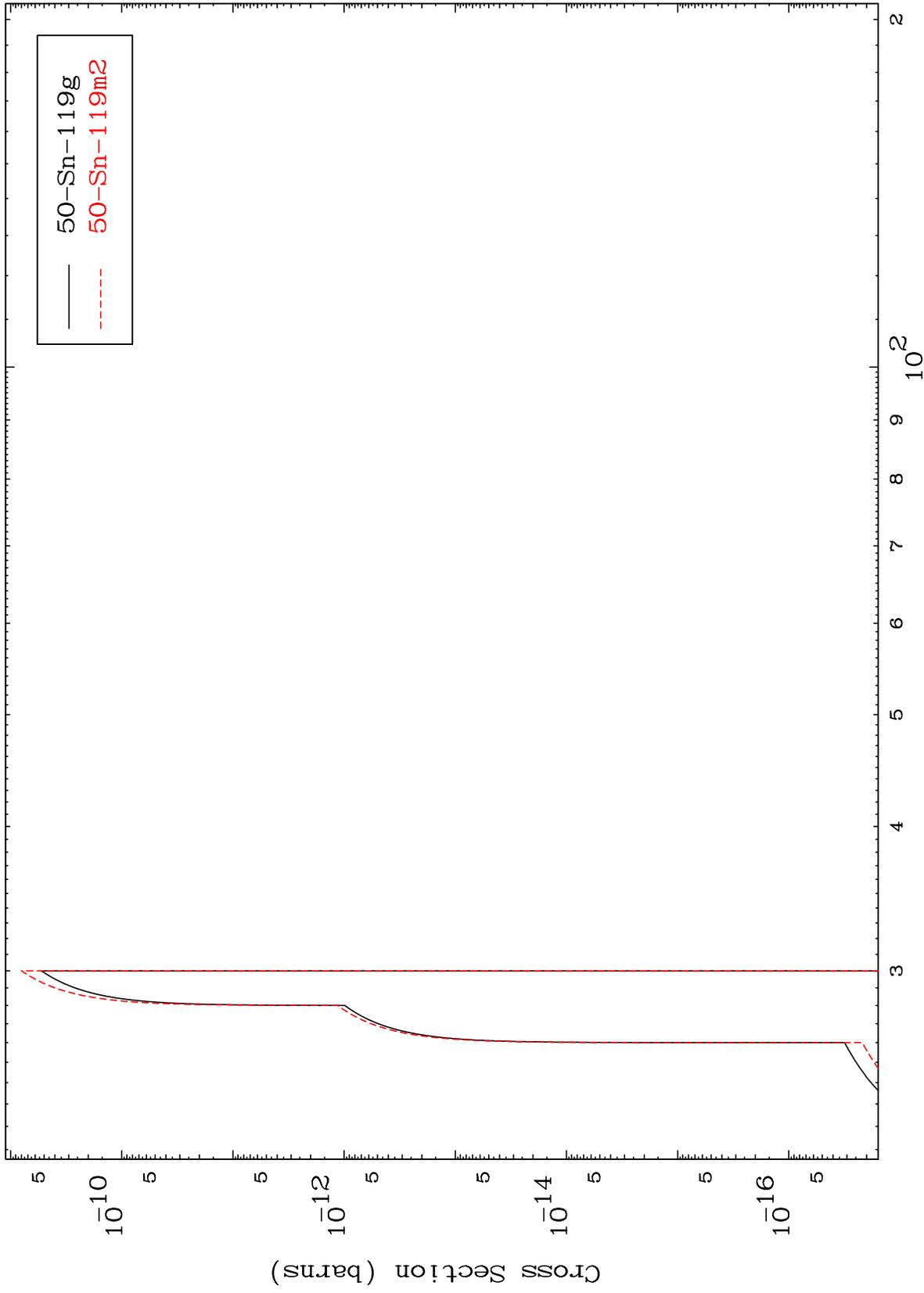
50-Sn-119

MAT 5046

(n, n') He-3

50-Sn-119

Radionuclide Production Cross Section



14

Incident Energy (MeV)

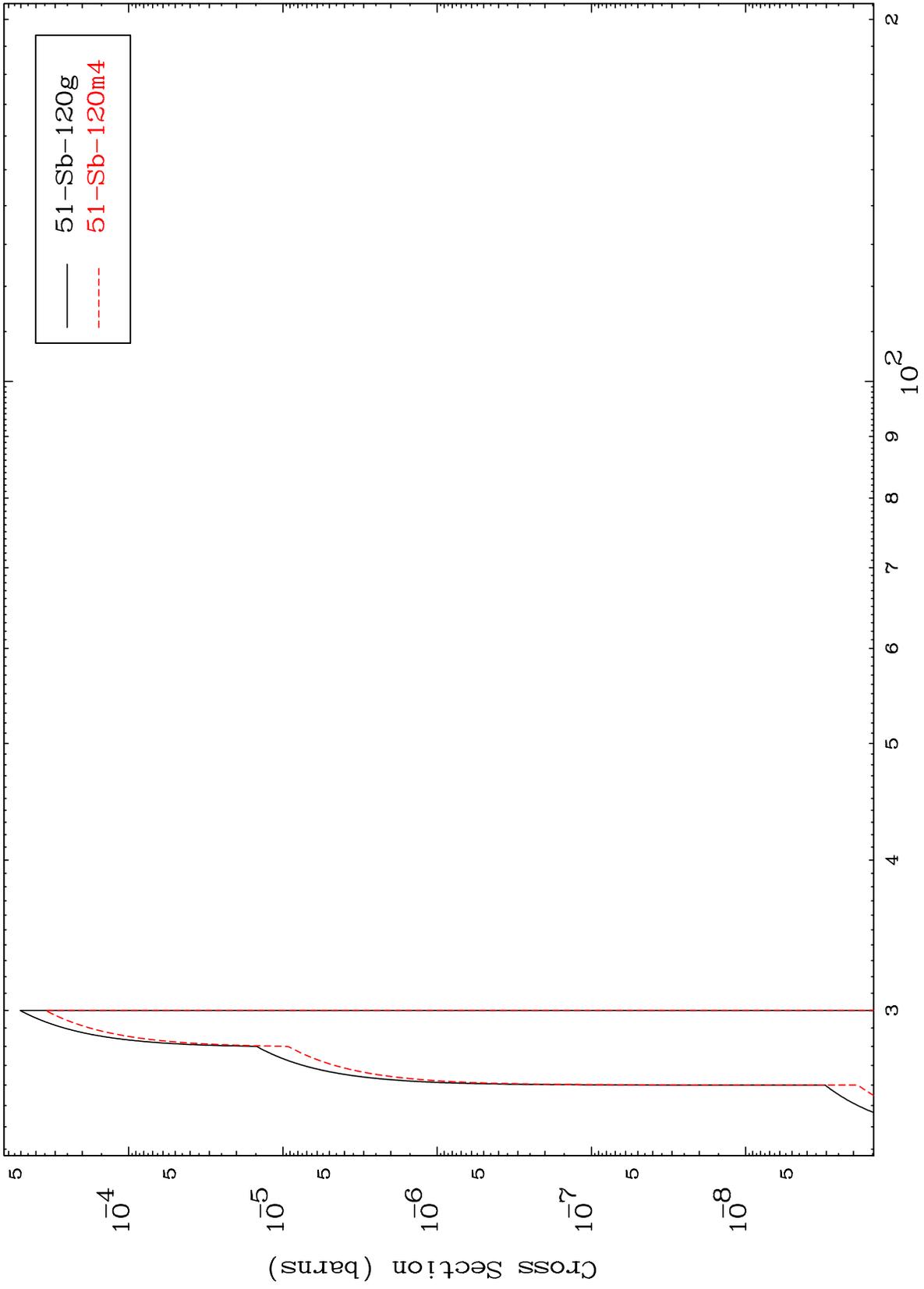
50-Sn-119

MAT 5046

(n,2n) p

50-Sn-119

Radionuclide Production Cross Section



15

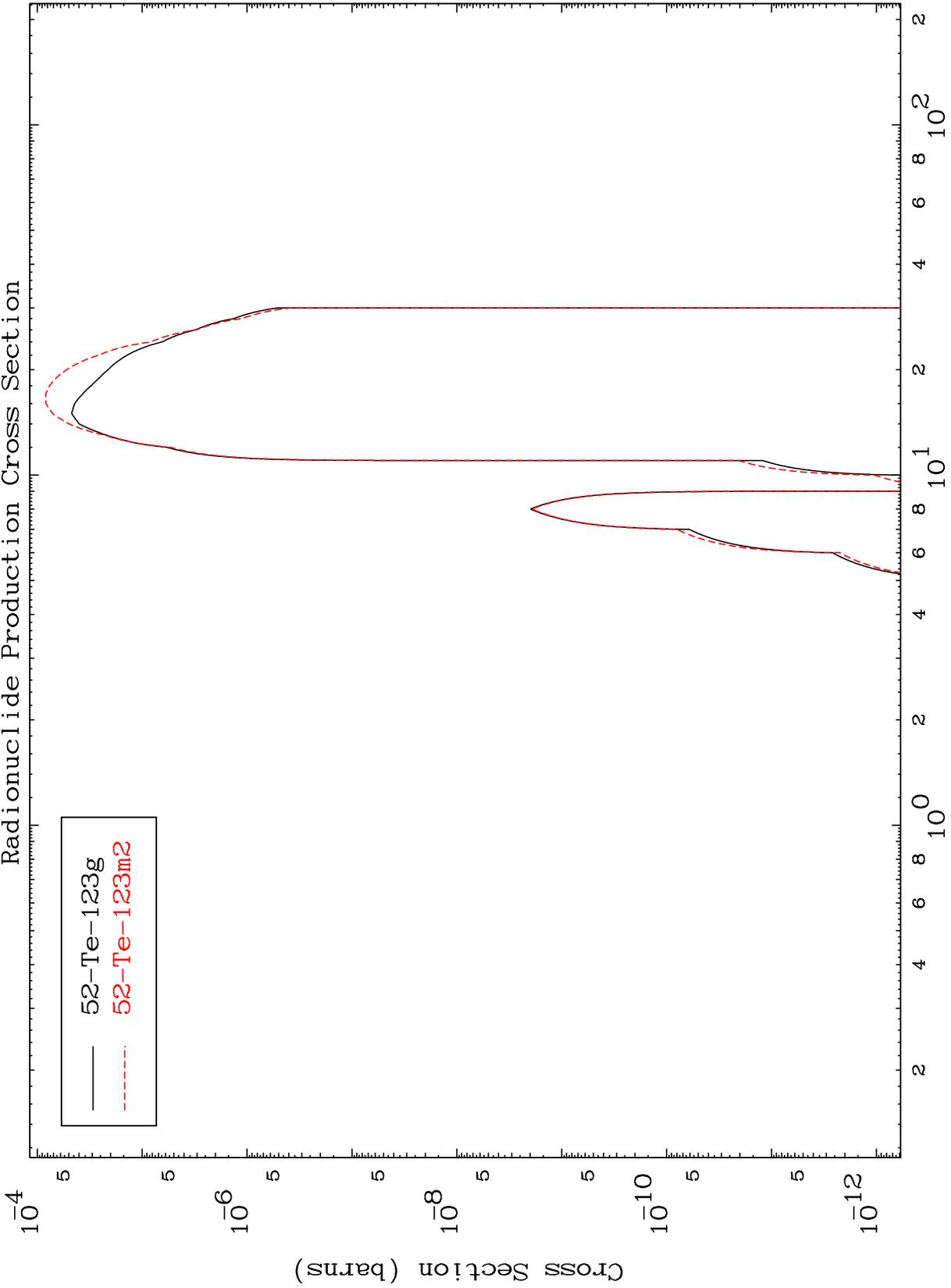
Incident Energy (MeV)

50-Sn-119

MAT 5046

50-Sn-119

Radionuclide Production Cross Section
(n,γ)



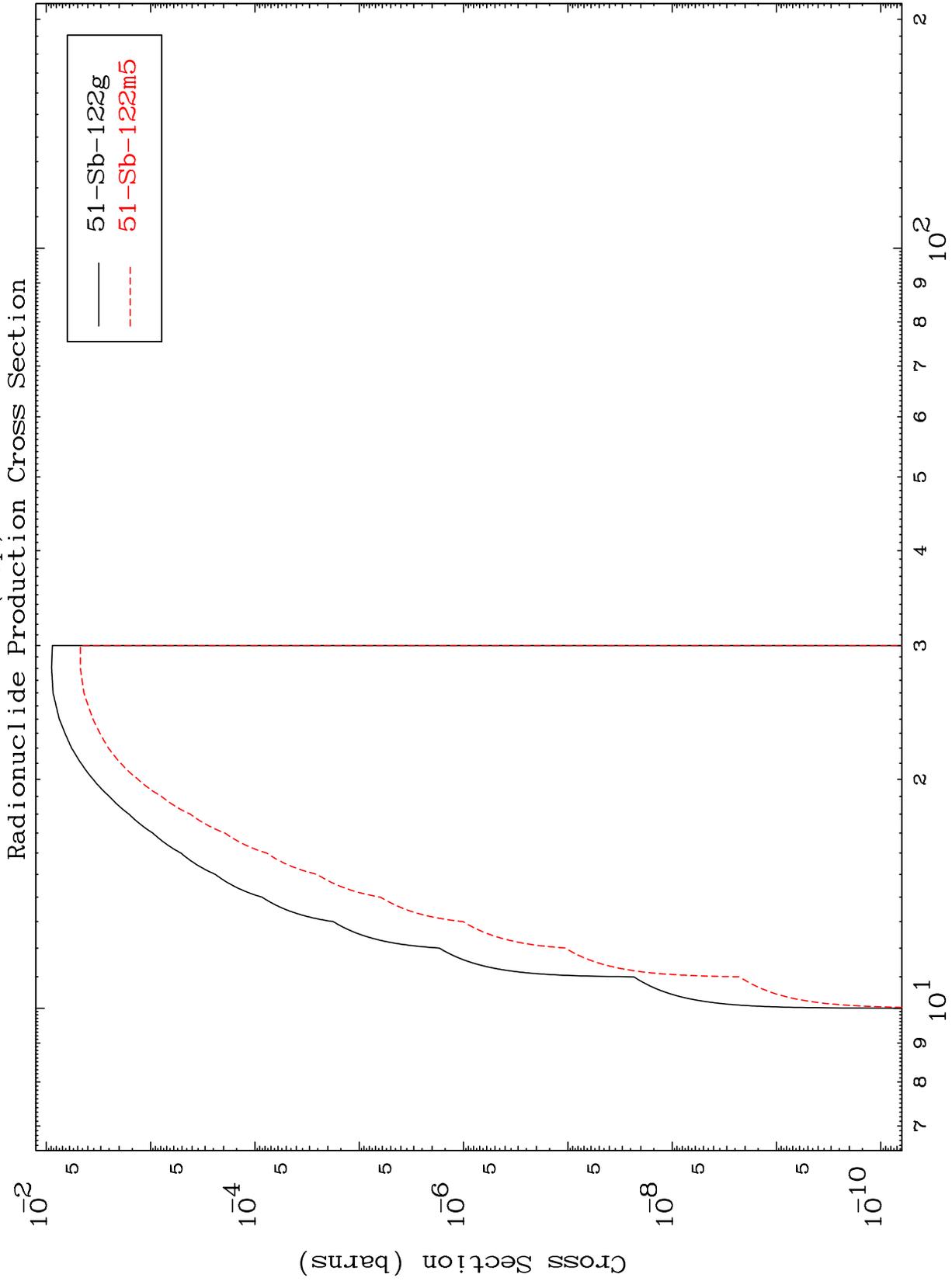
52-Te-123g
52-Te-123m2

16

50-Sn-119

MAT 5046

50-Sn-119



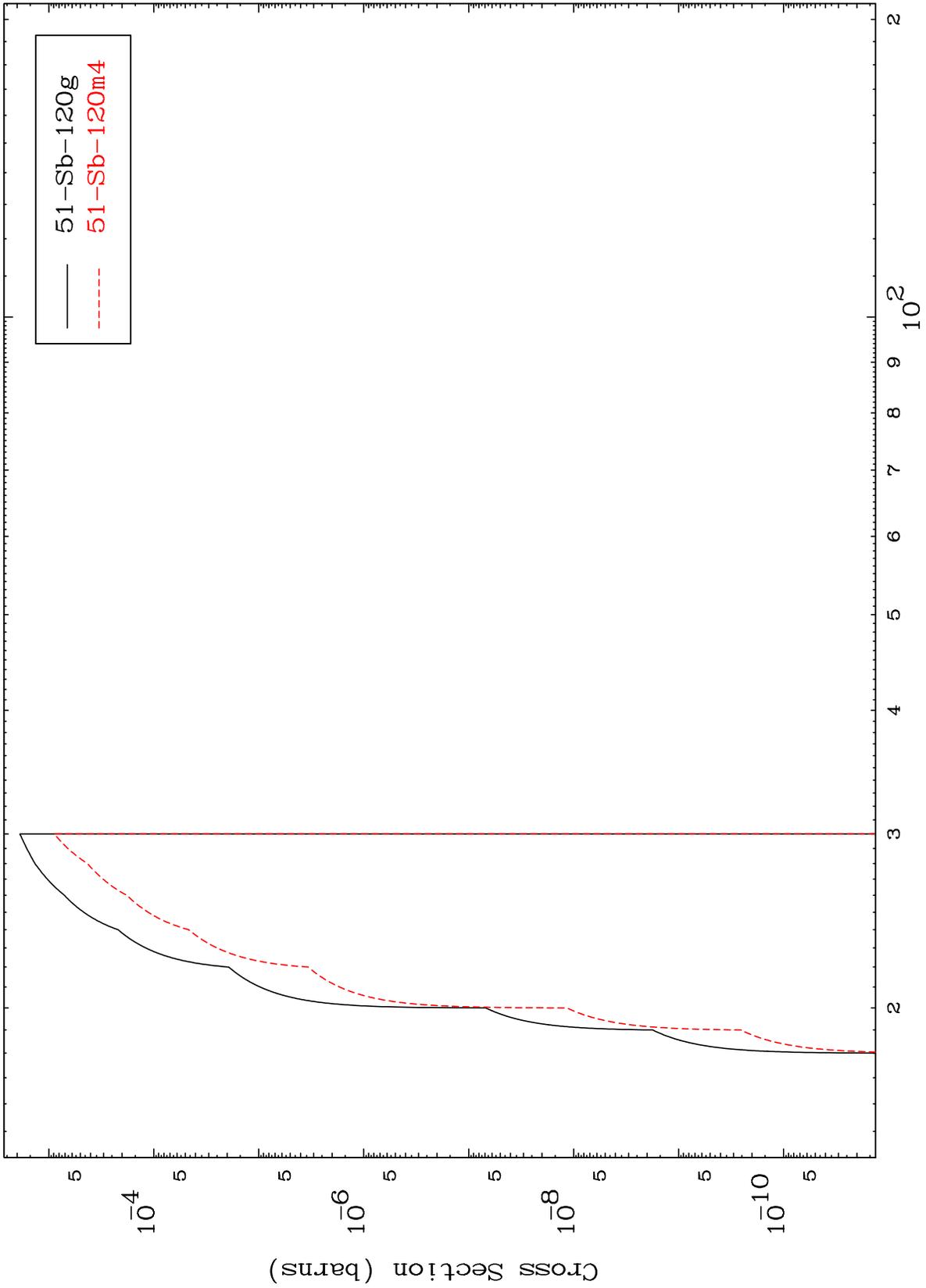
17

50-Sn-119

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50-Sn-119

(n, t)
Radionuclide Production Cross Section



18

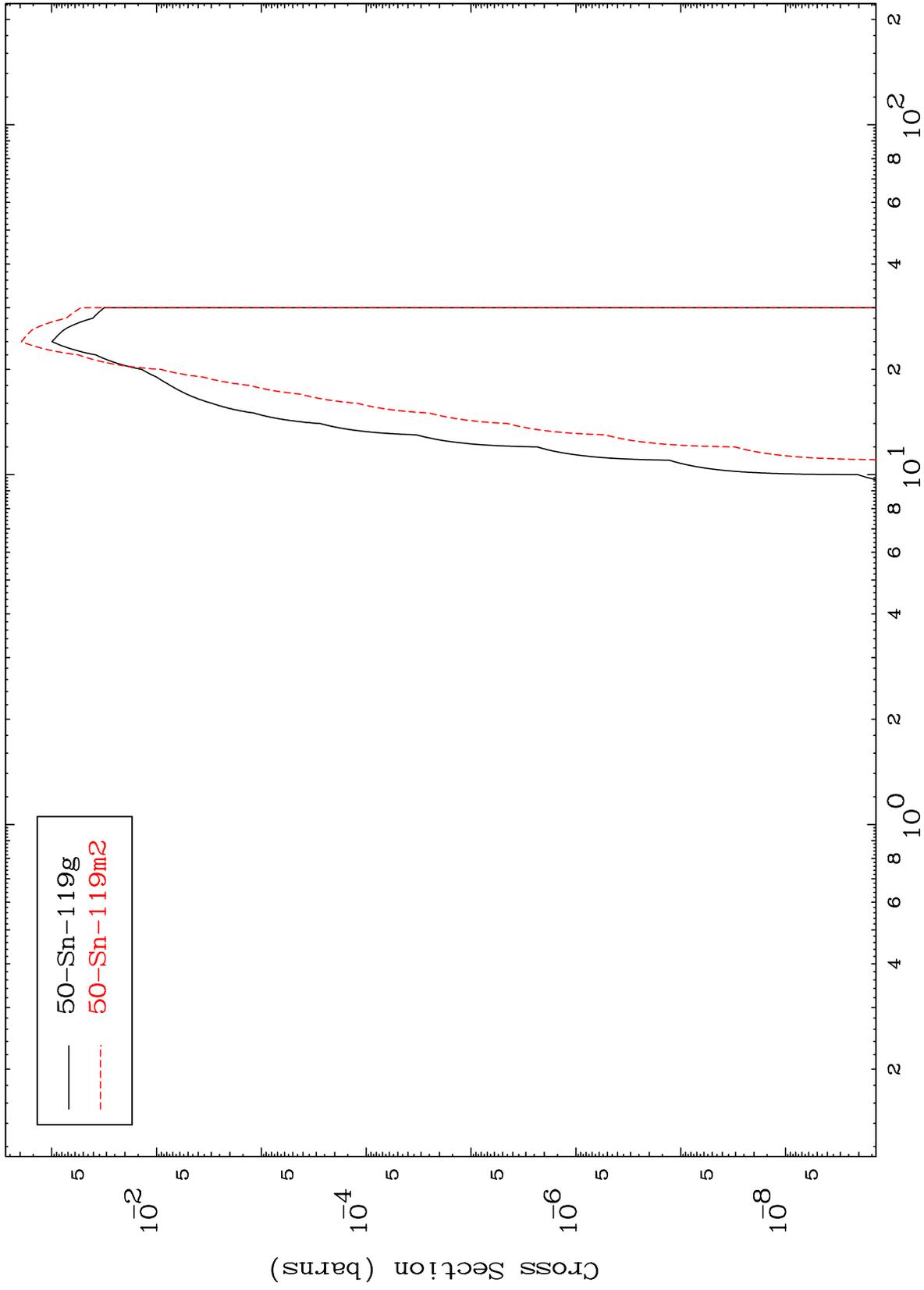
Incident Energy (MeV)

50-Sn-119

MAT 5046

50-Sn-119

Radionuclide Production Cross Section



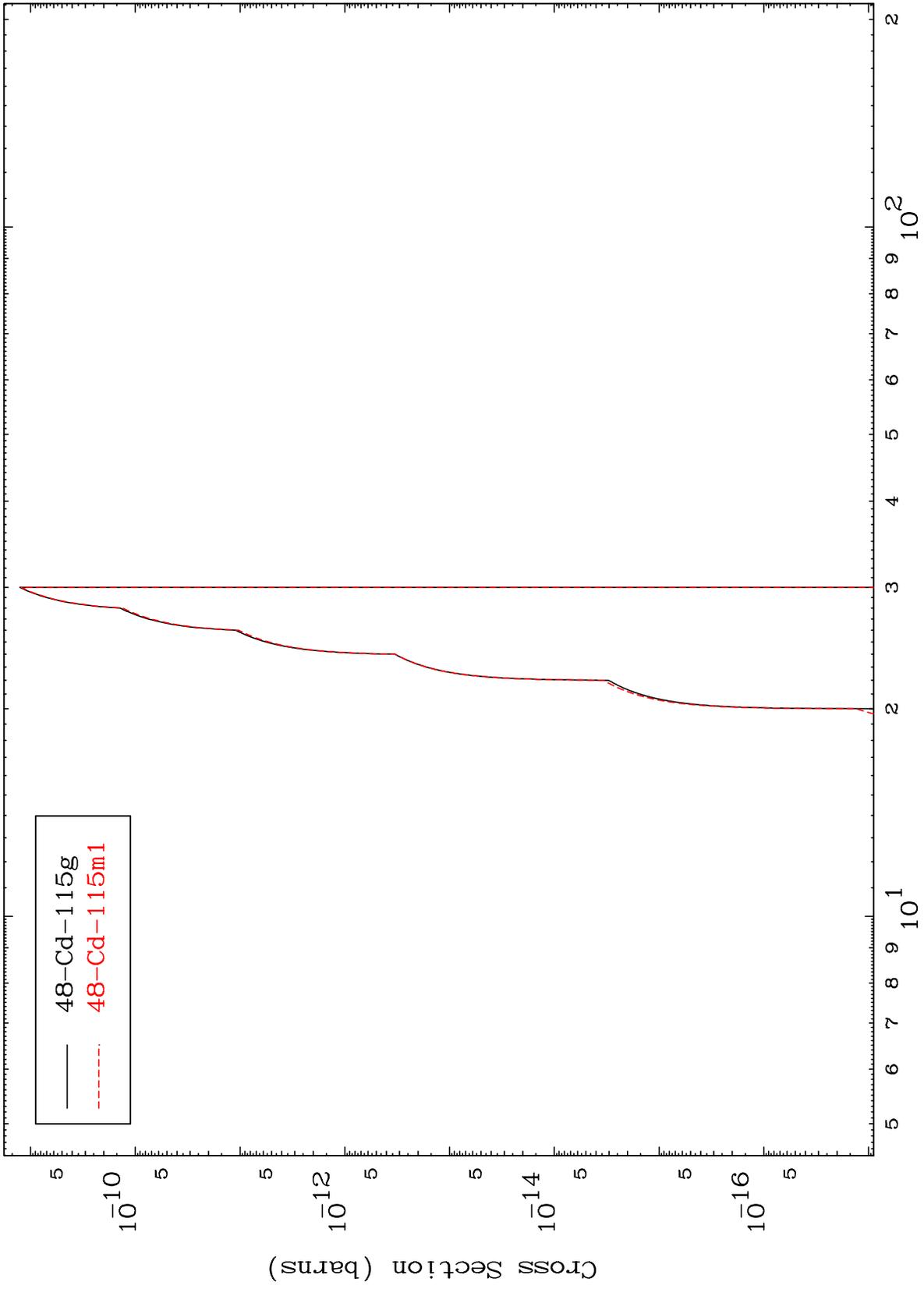
19

50-Sn-119

MAT 5046

50-Sn-119

(n,2α)
Radionuclide Production Cross Section



20

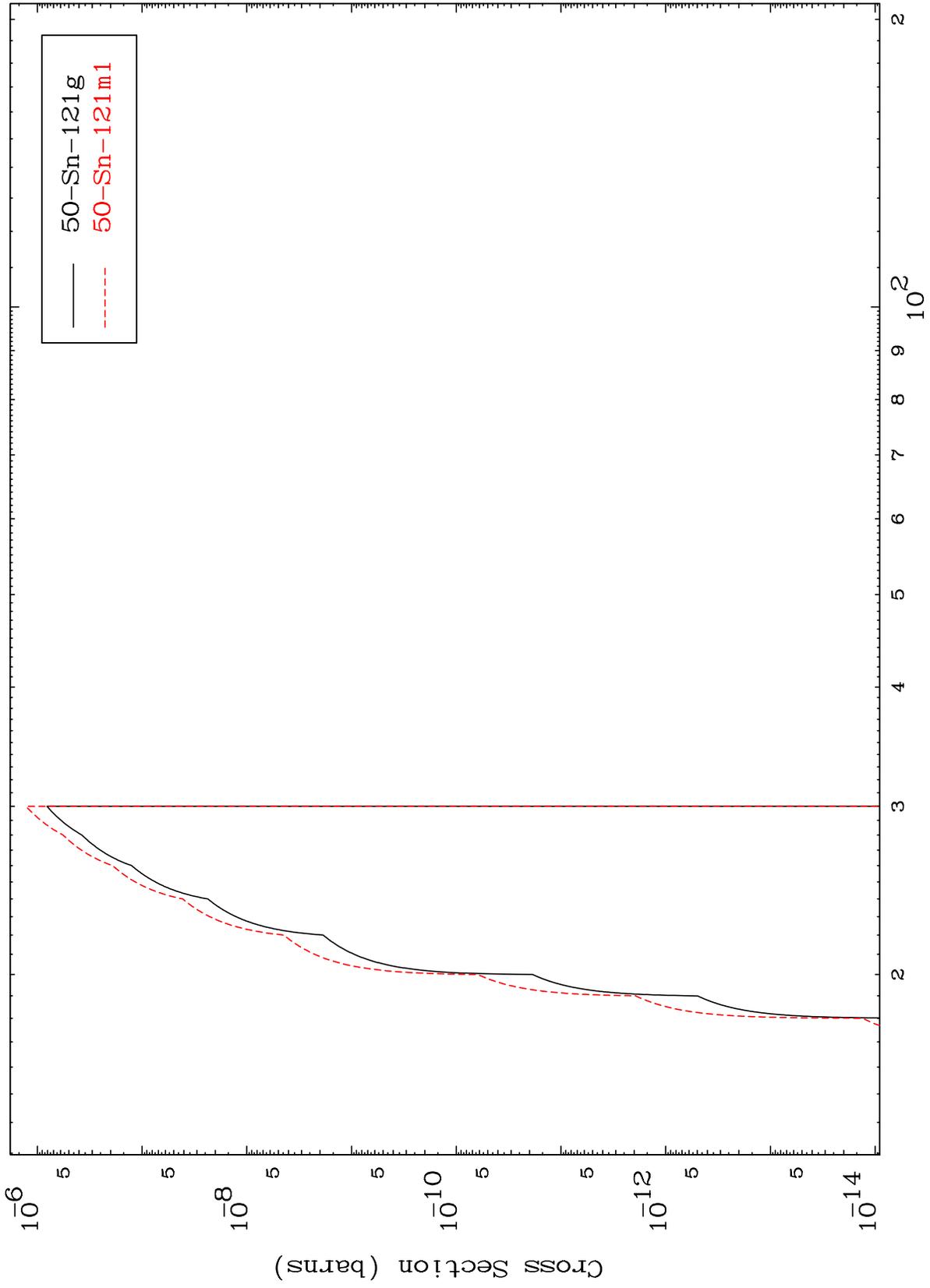
Incident Energy (MeV)

50-Sn-119

MAT 5046

50-Sn-119

(n,2p)
Radionuclide Production Cross Section



21

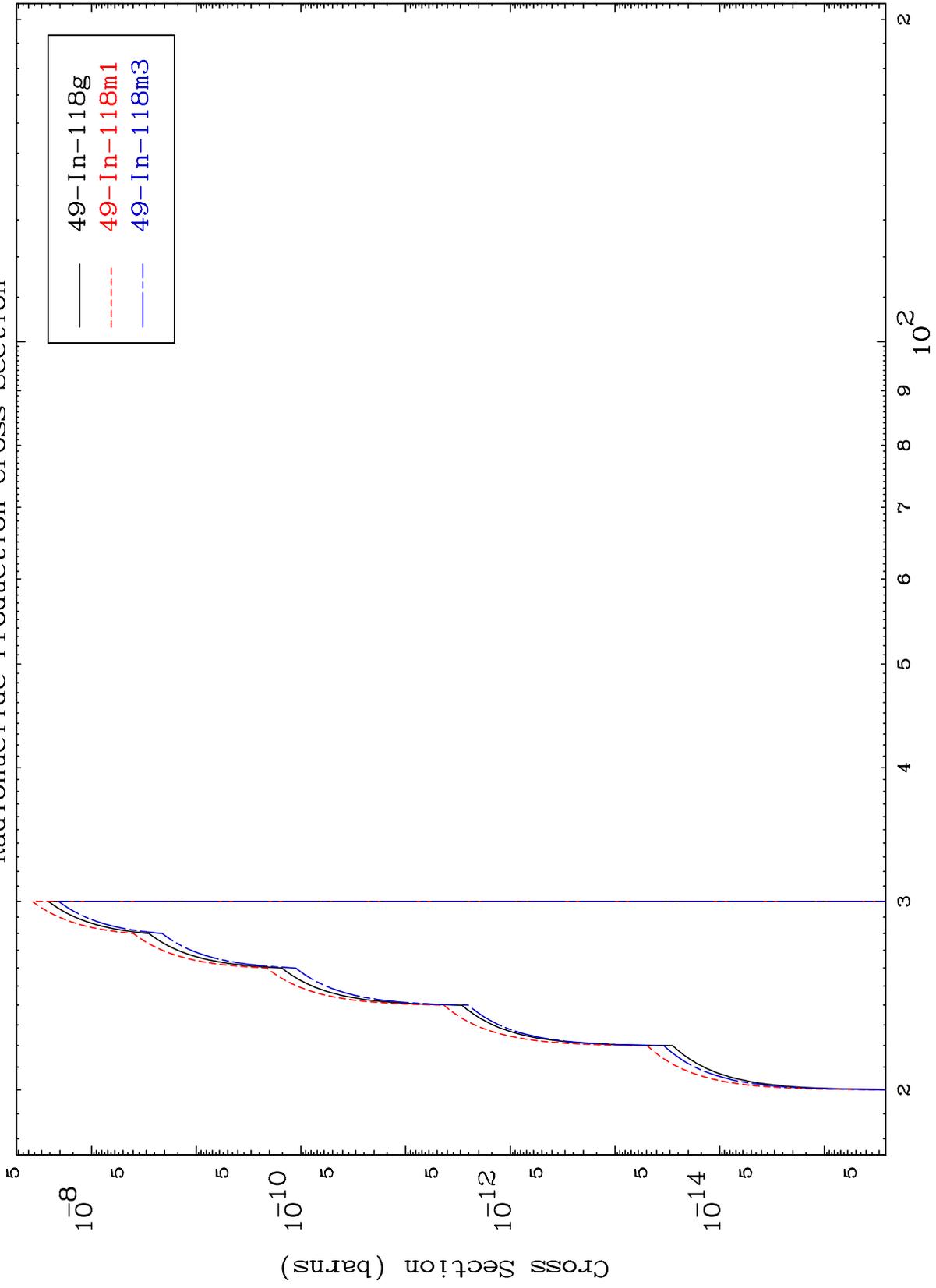
50-Sn-119

MAT 5046

(n,p) α

50-Sn-119

Radionuclide Production Cross Section



22

Incident Energy (MeV)

50-Sn-119