

Program EVALPLOT
(Version 2021-1)

by

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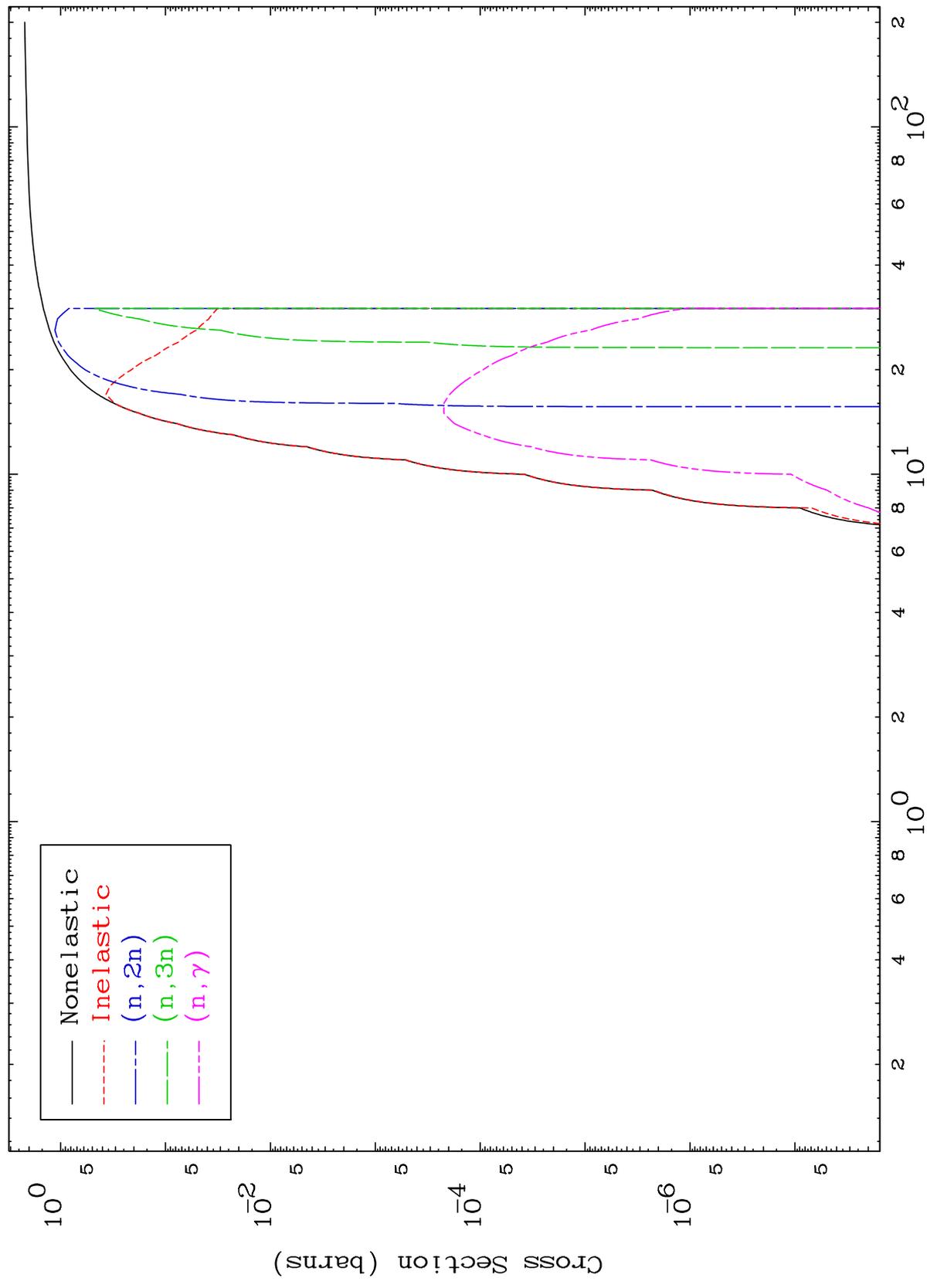
Press Mouse Button to Start

MAT 5047

0 Kelvin

α Major Cross Sections

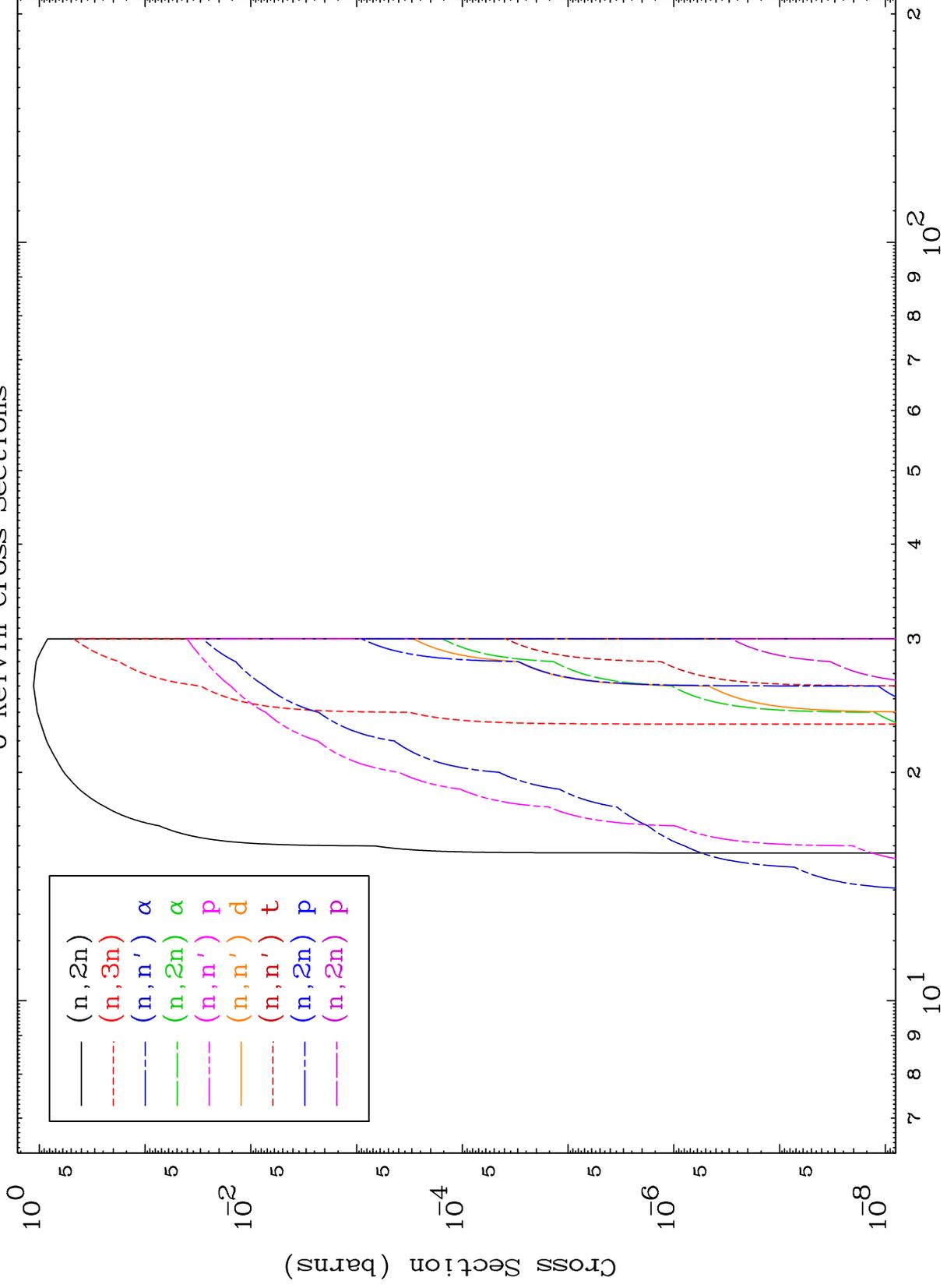
50-Sn-119m



MAT 5047

α Neutron Absorption
0 Kelvin Cross Sections

50-Sn-119m



2

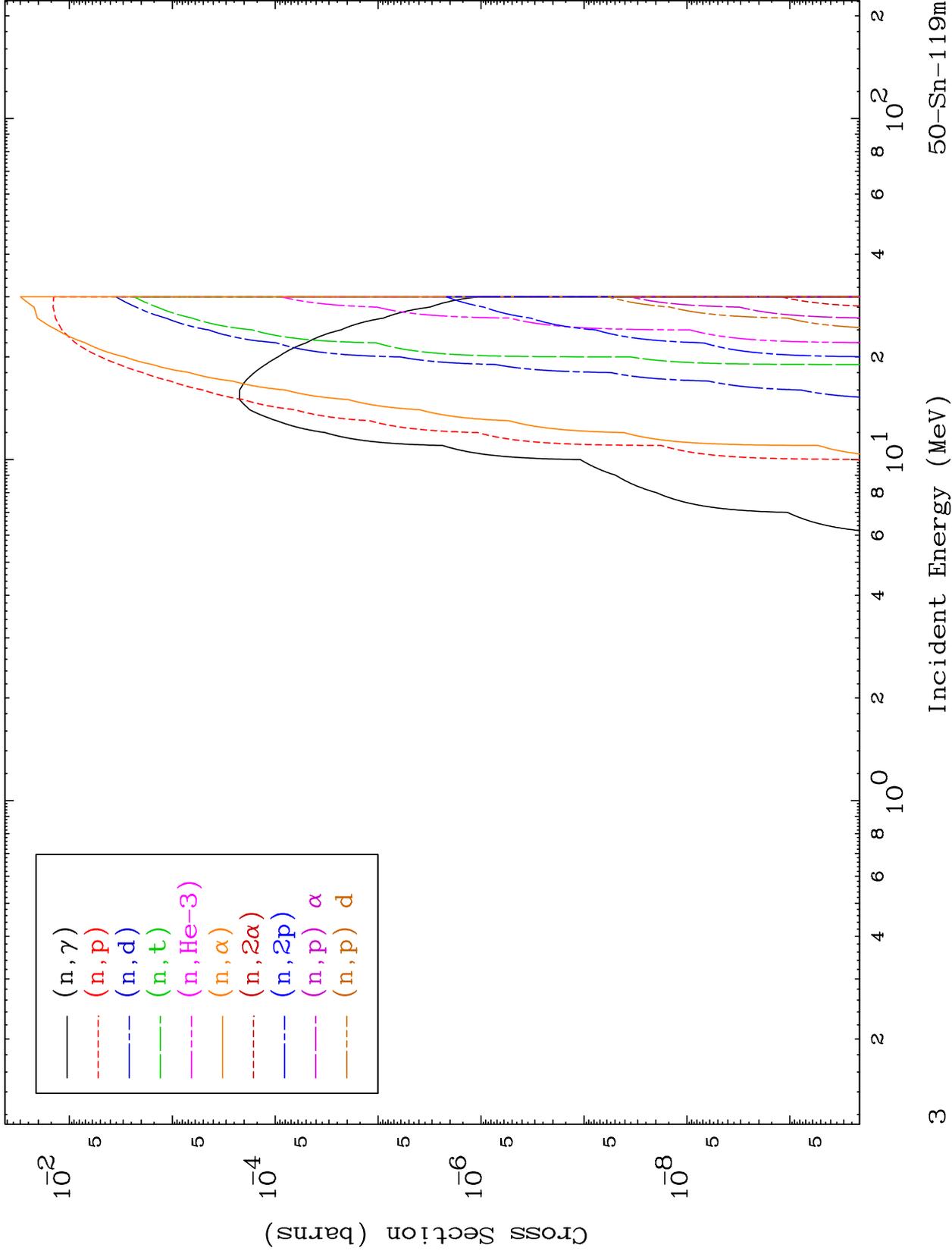
Incident Energy (MeV)

50-Sn-119m

MAT 5047

α Neutron Absorption
0 Kelvin Cross Sections

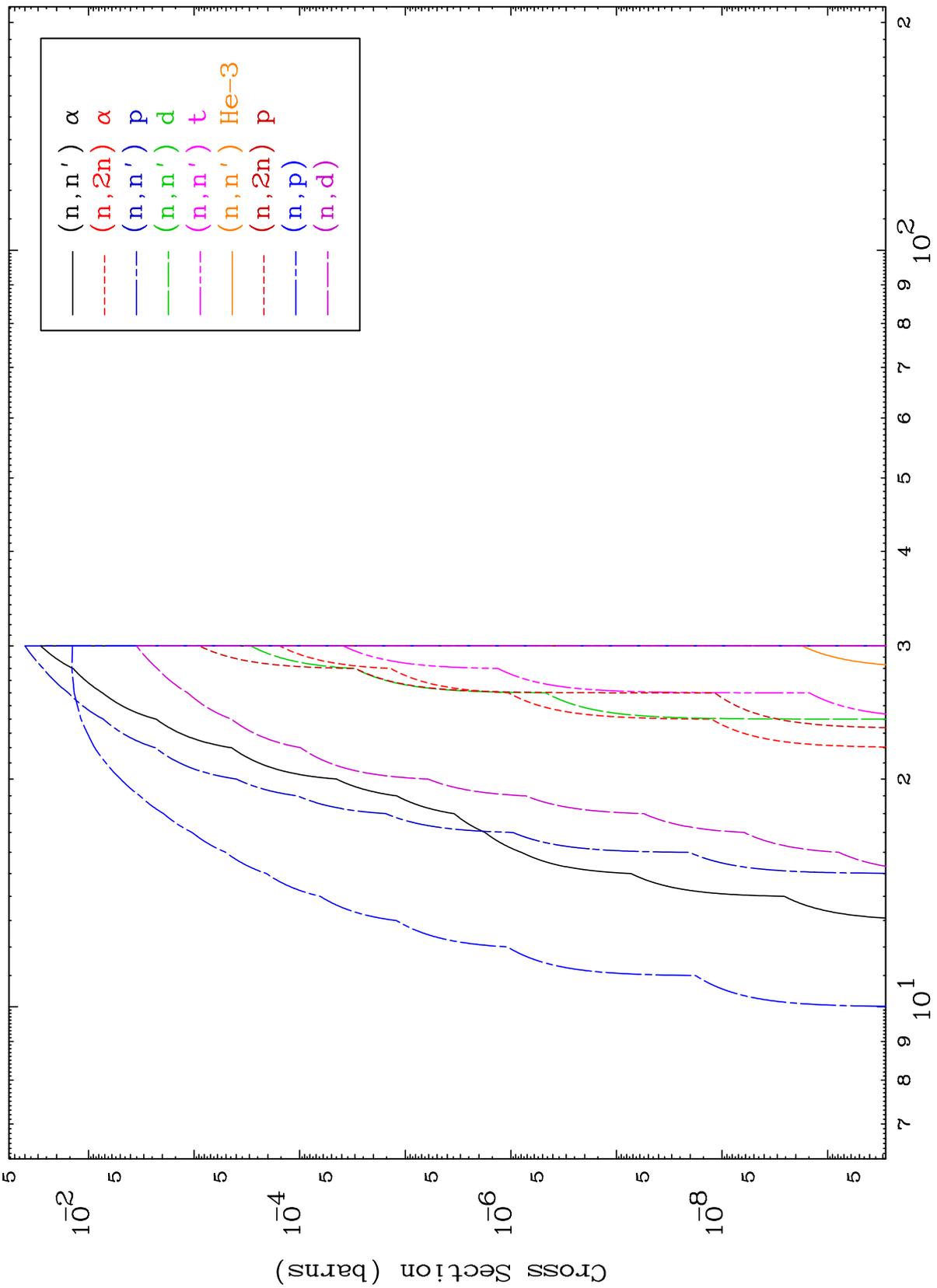
50-Sn-119m



MAT 5047

α Charged Particle
0 Kelvin Cross Sections

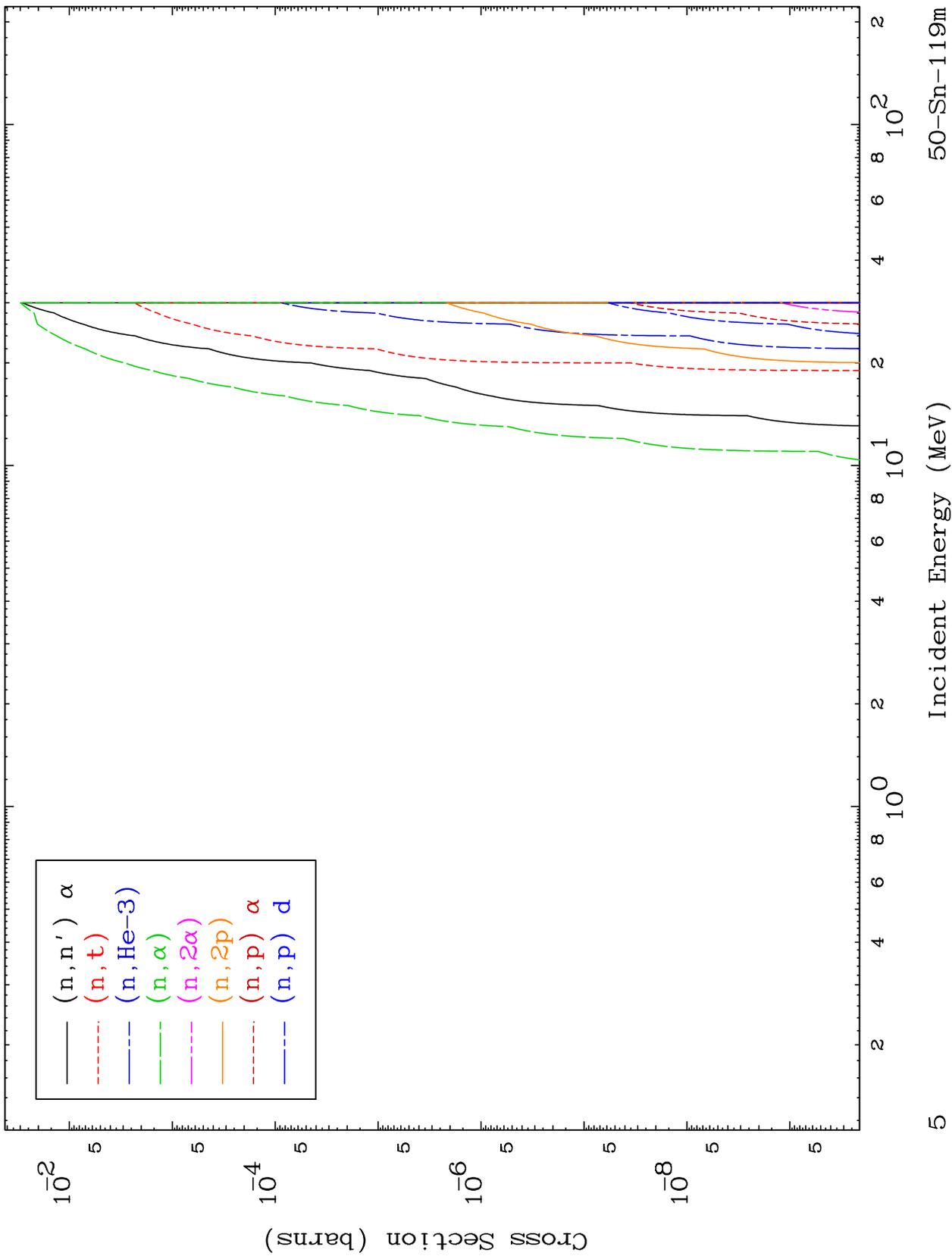
50-Sn-119m



MAT 5047

α Charged Particle
0 Kelvin Cross Sections

50-Sn-119m

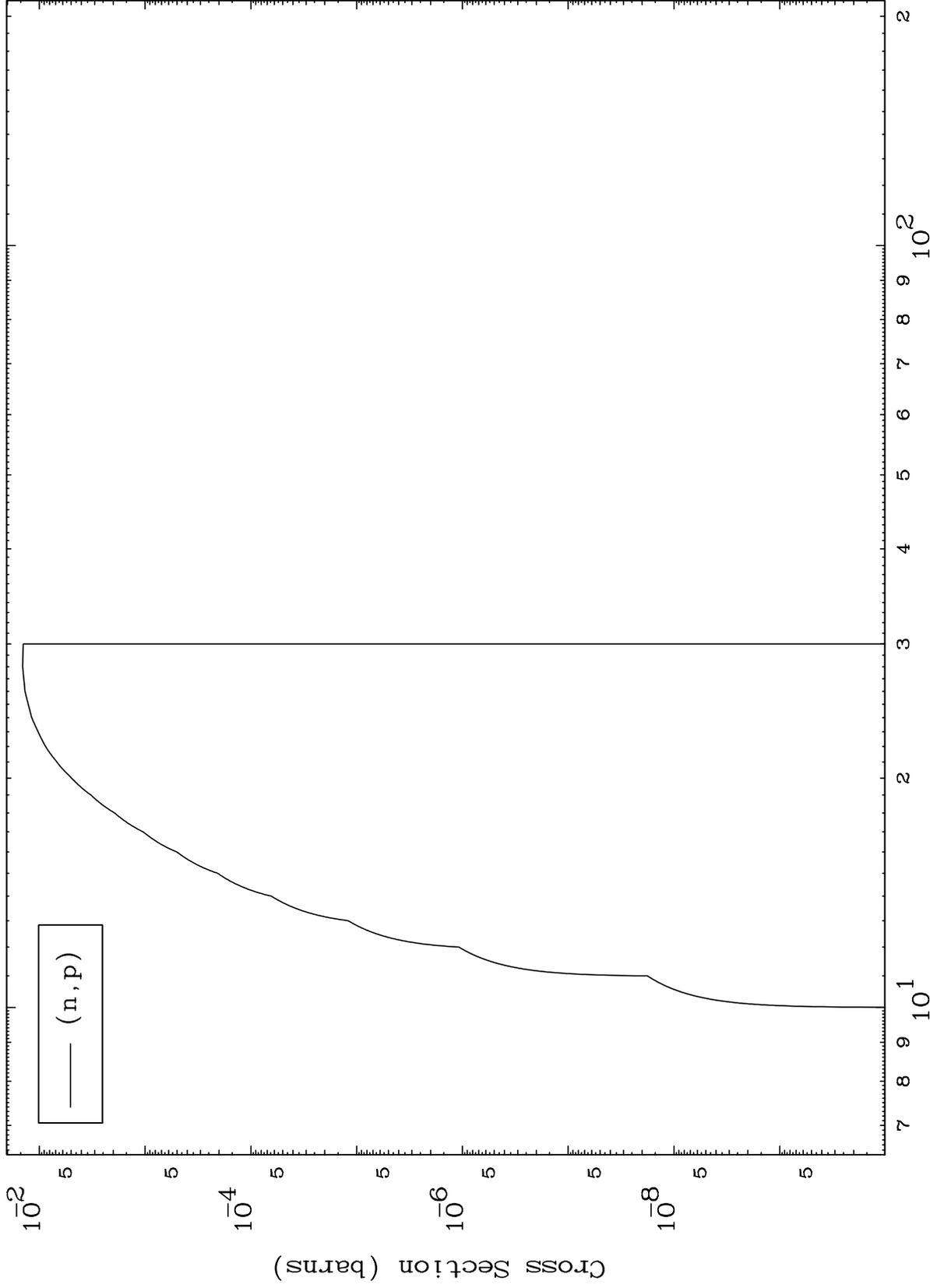


MAT 5047

(α, p) Levels

50-Sn-119m

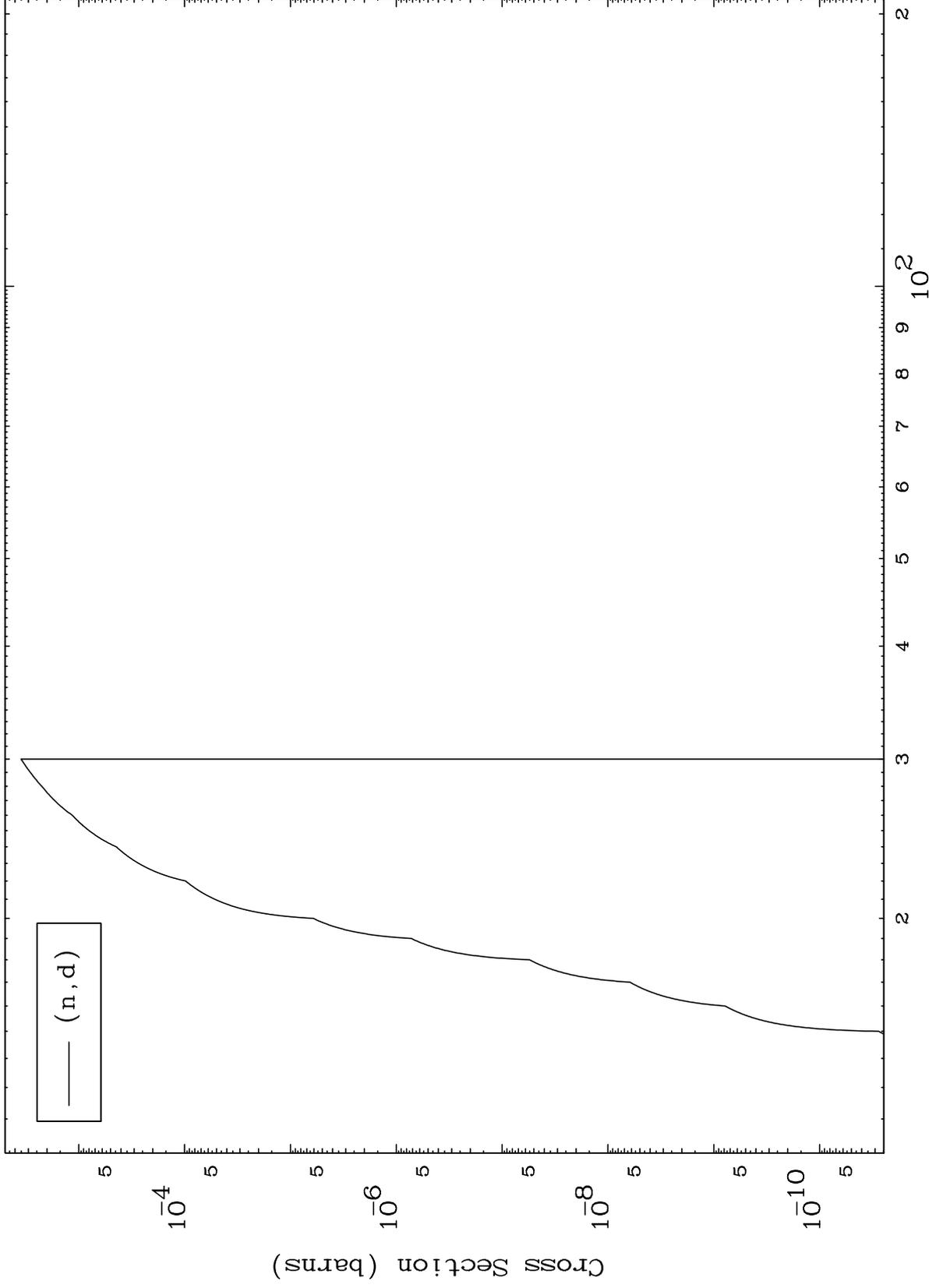
0 Kelvin Cross Sections



MAT 5047

(α, d) Levels
0 Kelvin Cross Sections

50-Sn-119m



7

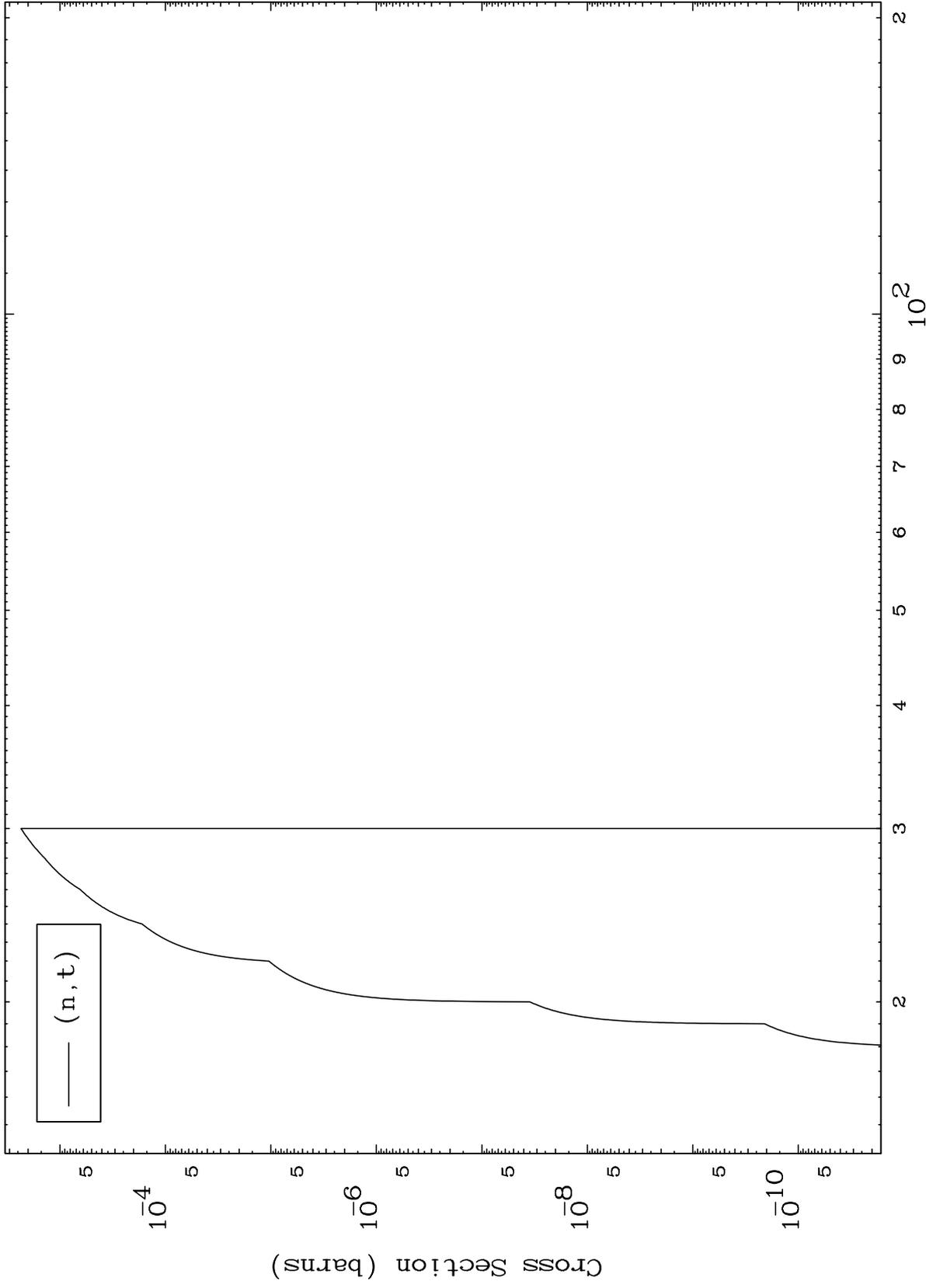
Incident Energy (MeV)

50-Sn-119m

MAT 5047

(α, t) Levels
0 Kelvin Cross Sections

50-Sn-119m



8

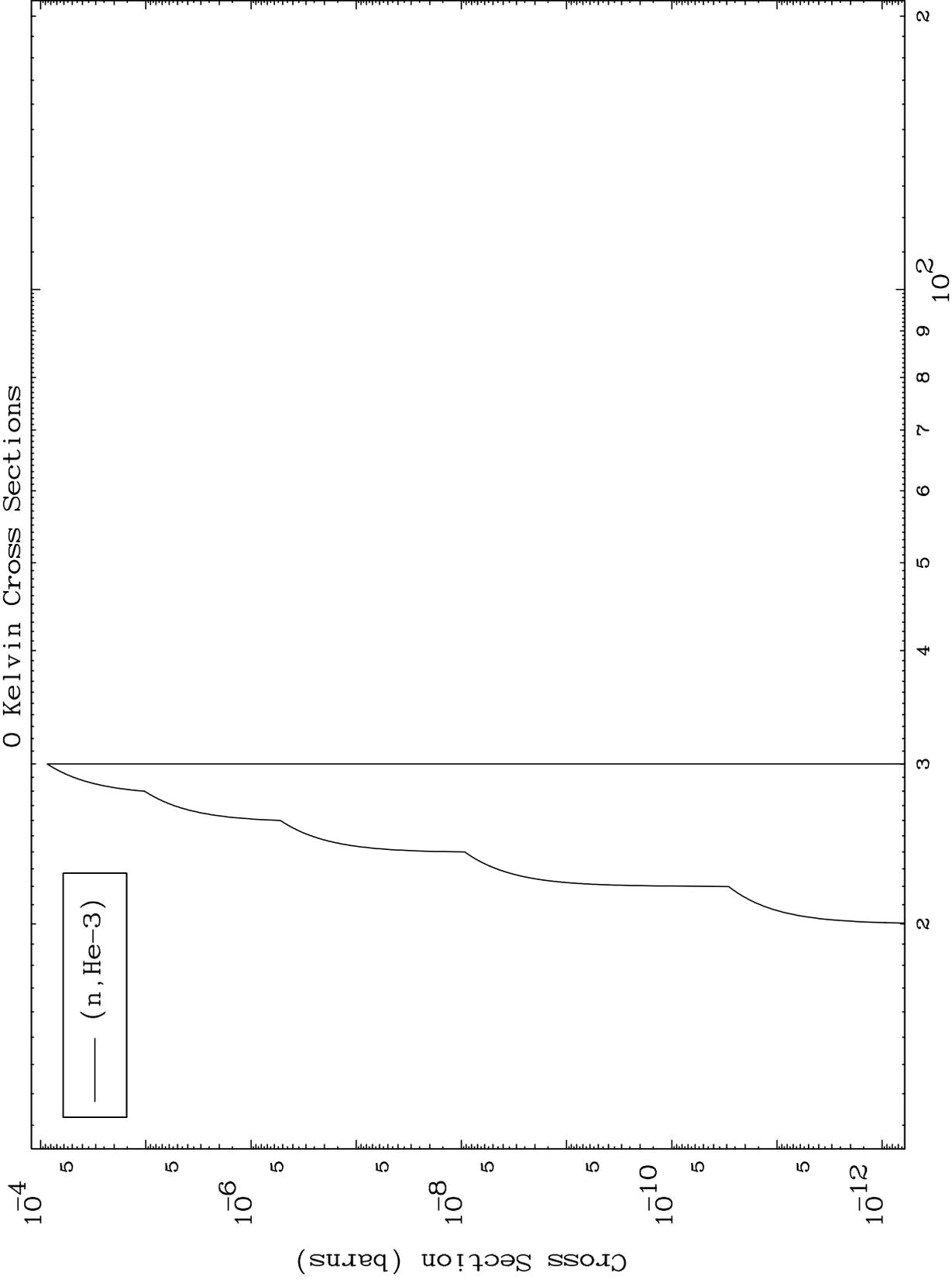
Incident Energy (MeV)

50-Sn-119m

MAT 5047

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

50-Sn-119m



9

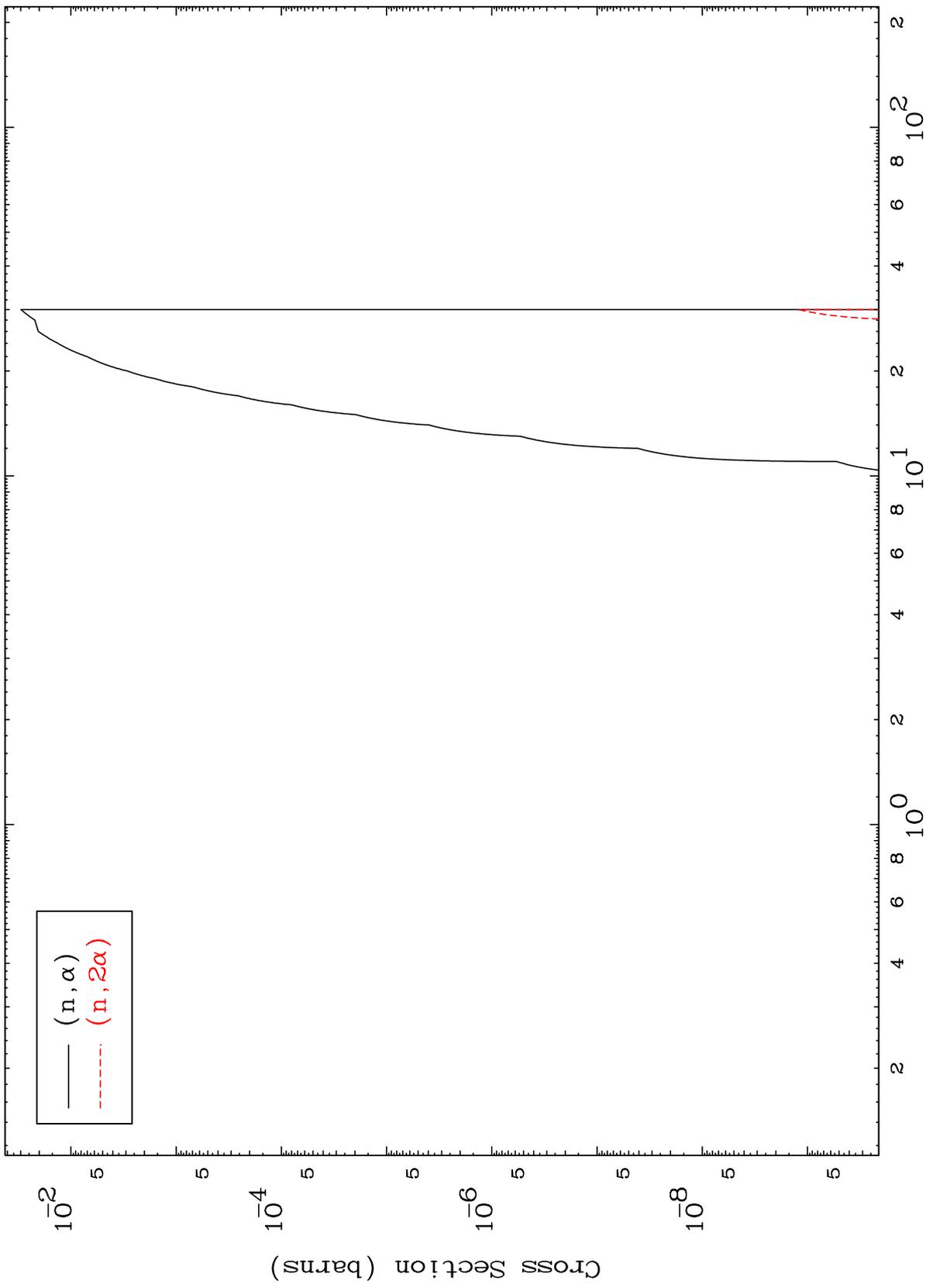
Incident Energy (MeV)

50-Sn-119m

MAT 5047

(α, α) Levels
0 Kelvin Cross Sections

50-Sn-119m



10

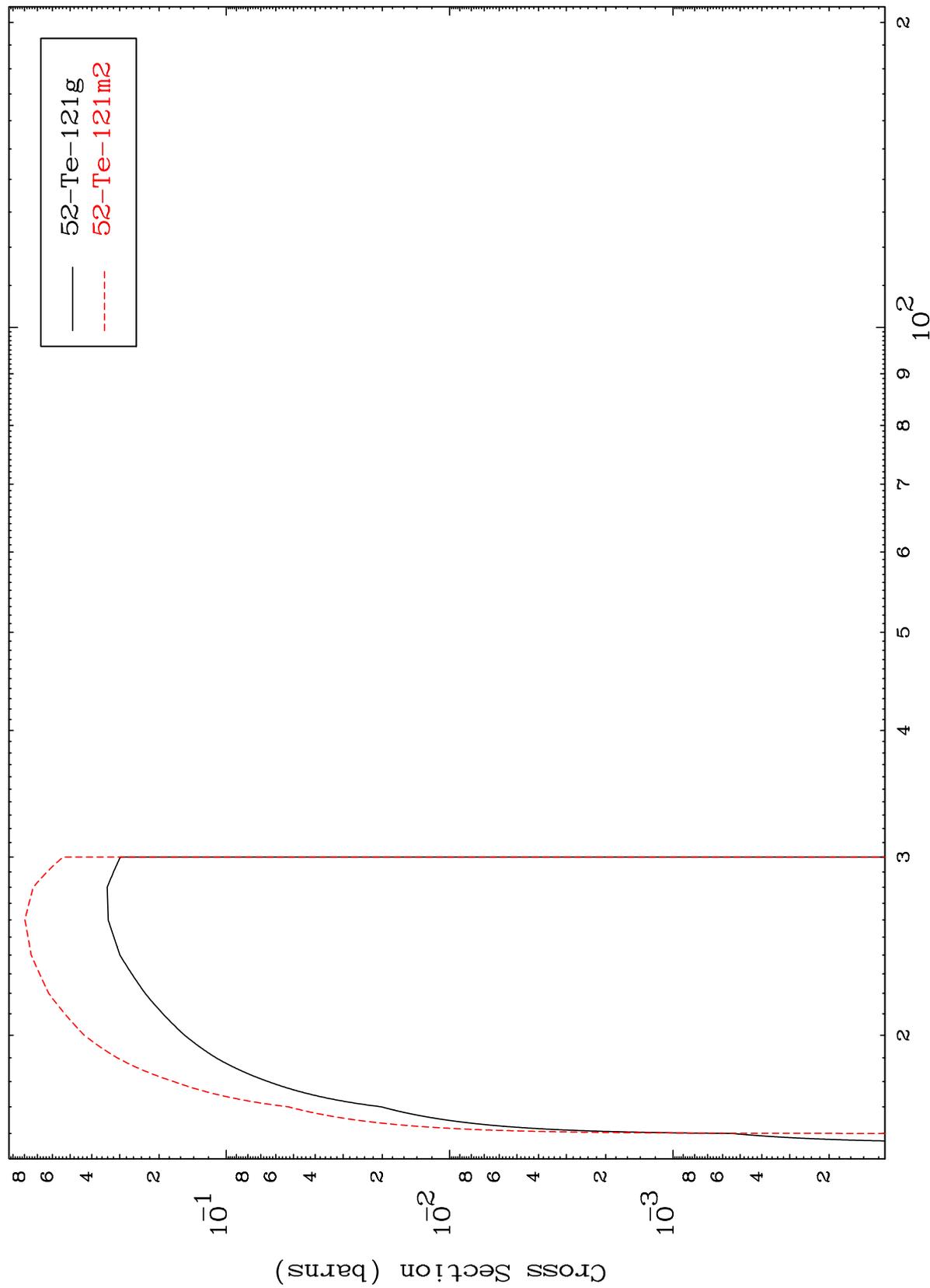
Incident Energy (MeV)

50-Sn-119m

MAT 5047

50-Sn-119m

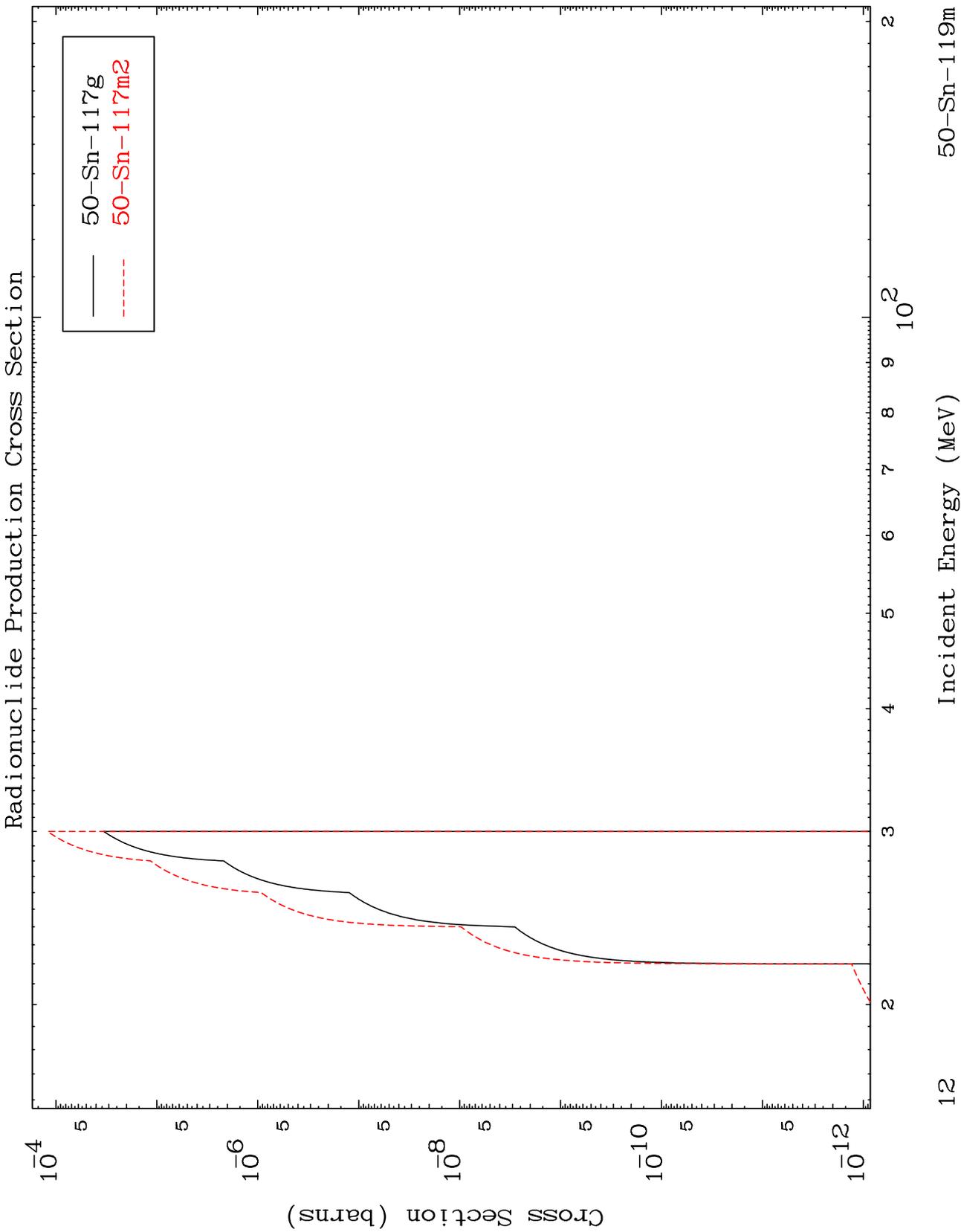
(n,2n)
Radionuclide Production Cross Section



MAT 5047

(n,2n) α

50-Sn-119m

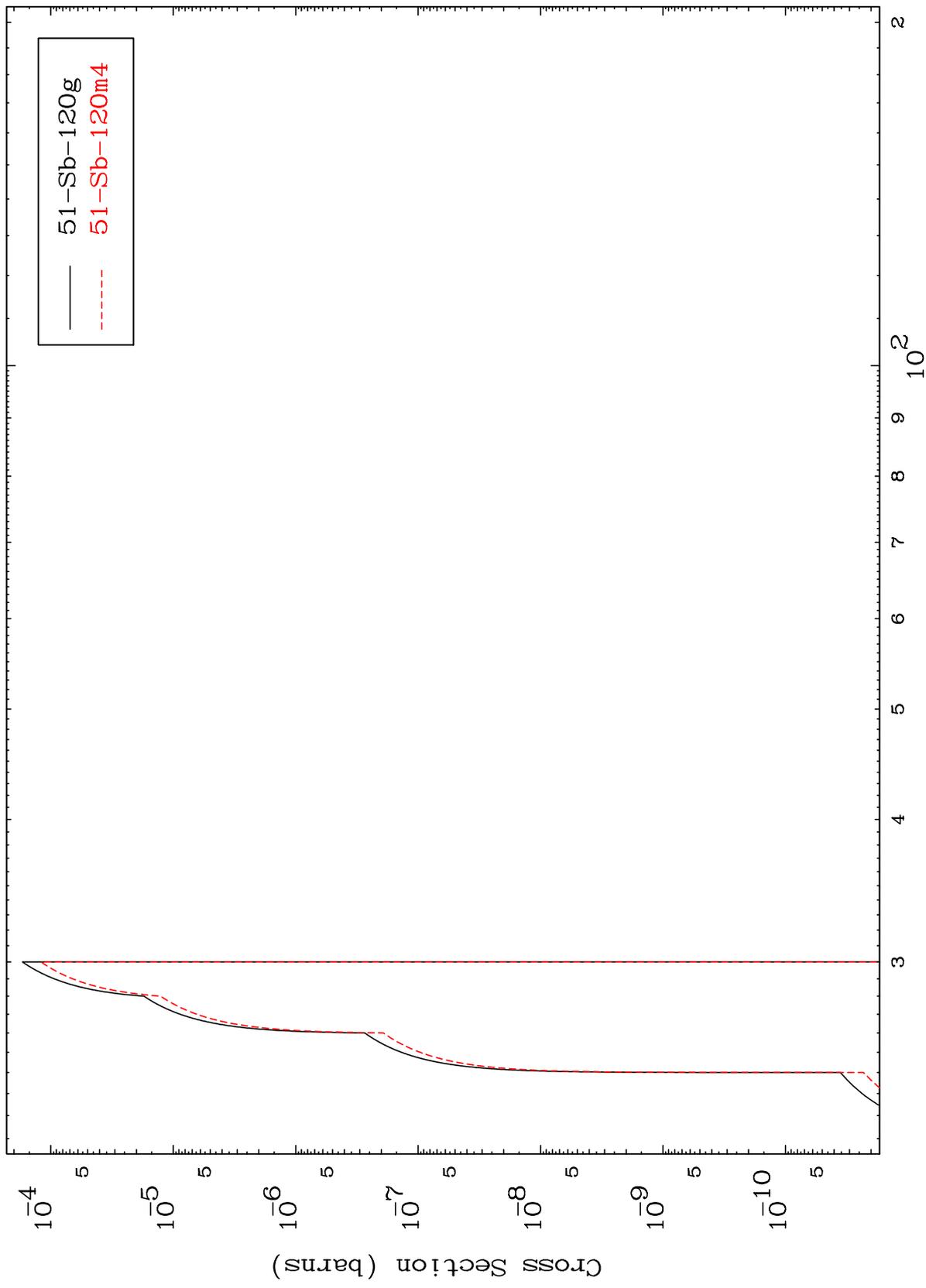


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MAT 5047

50-Sn-119m

(n, n') d
Radionuclide Production Cross Section



50-Sn-119m

Incident Energy (MeV)

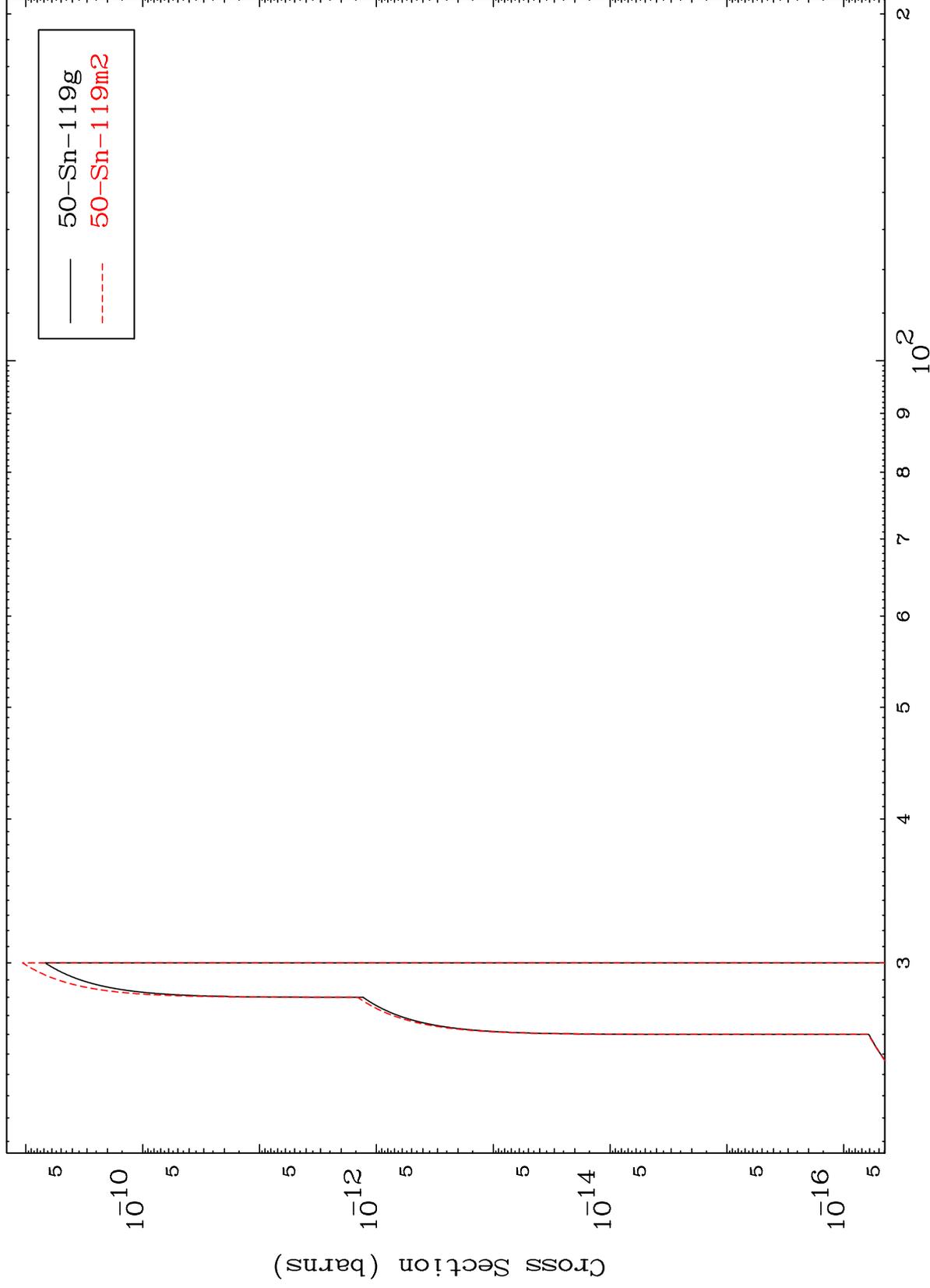
13

MAT 5047

(n,n') He-3

50-Sn-119m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

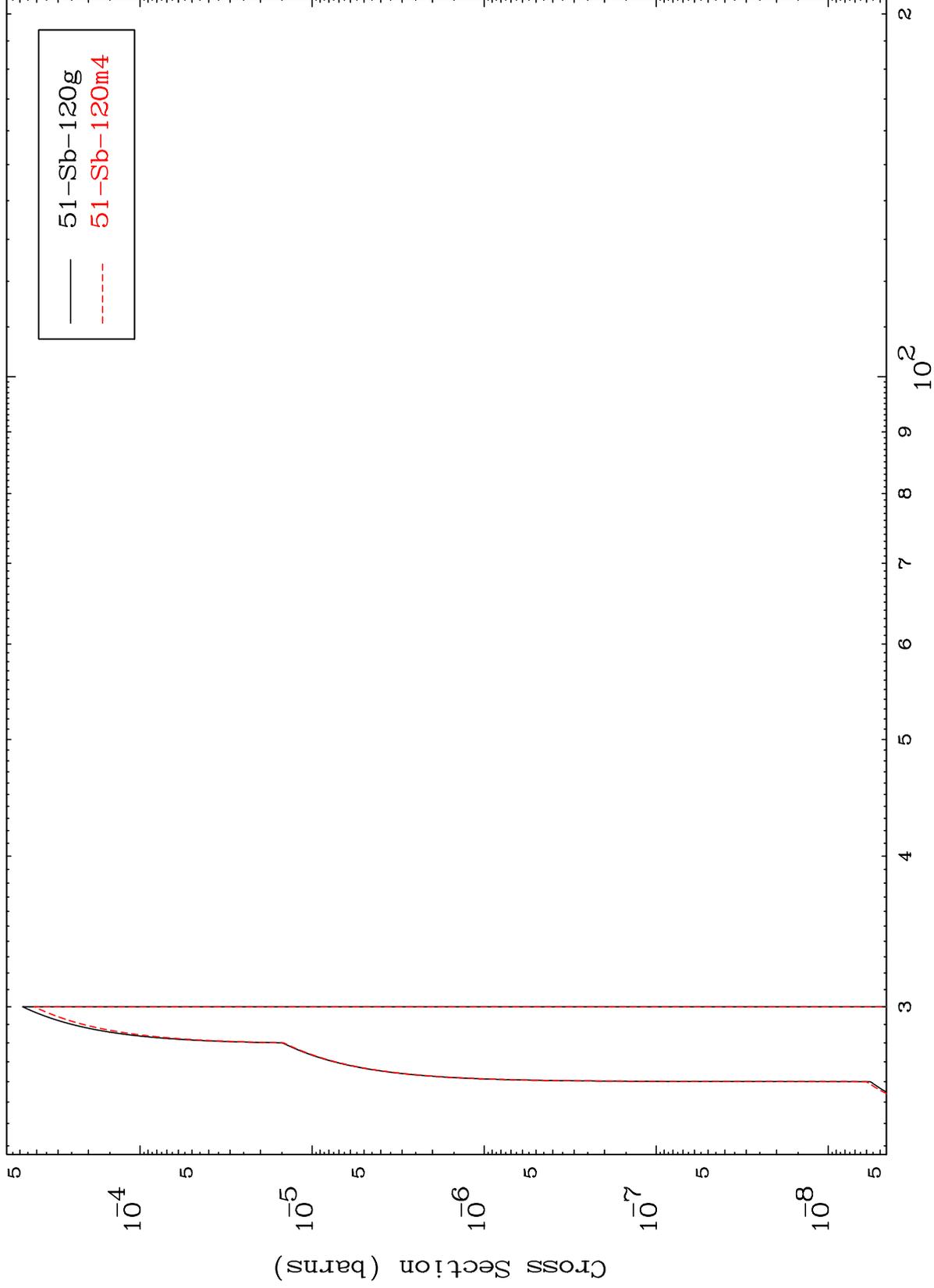
50-Sn-119m

MAT 5047

(n,2n) p

50-Sn-119m

Radionuclide Production Cross Section



15

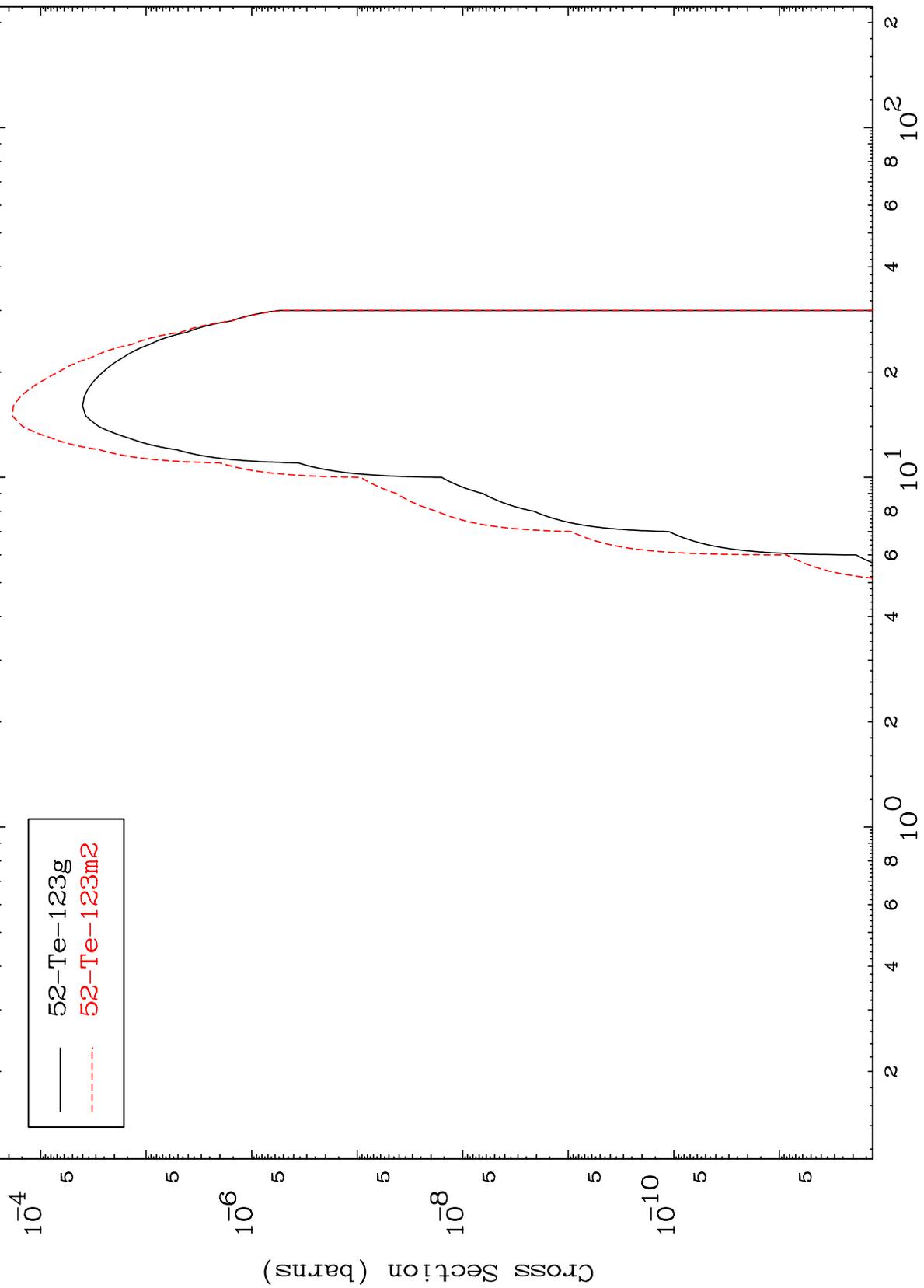
Incident Energy (MeV)

50-Sn-119m

MAT 5047

50-Sn-119m

Radionuclide Production Cross Section



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

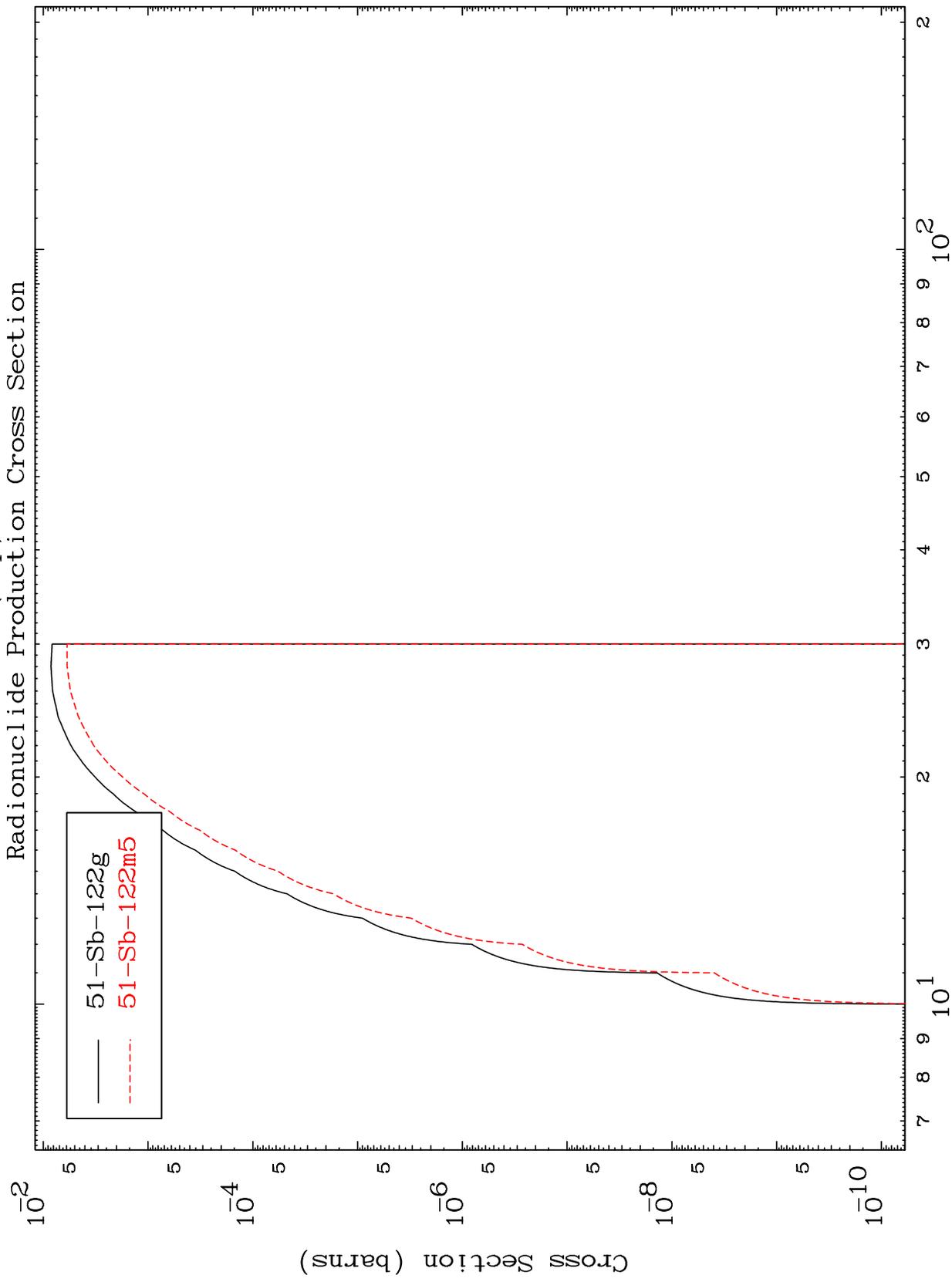
50-Sn-119m

Incident Energy (MeV)

16

MAT 5047

50-Sn-119m

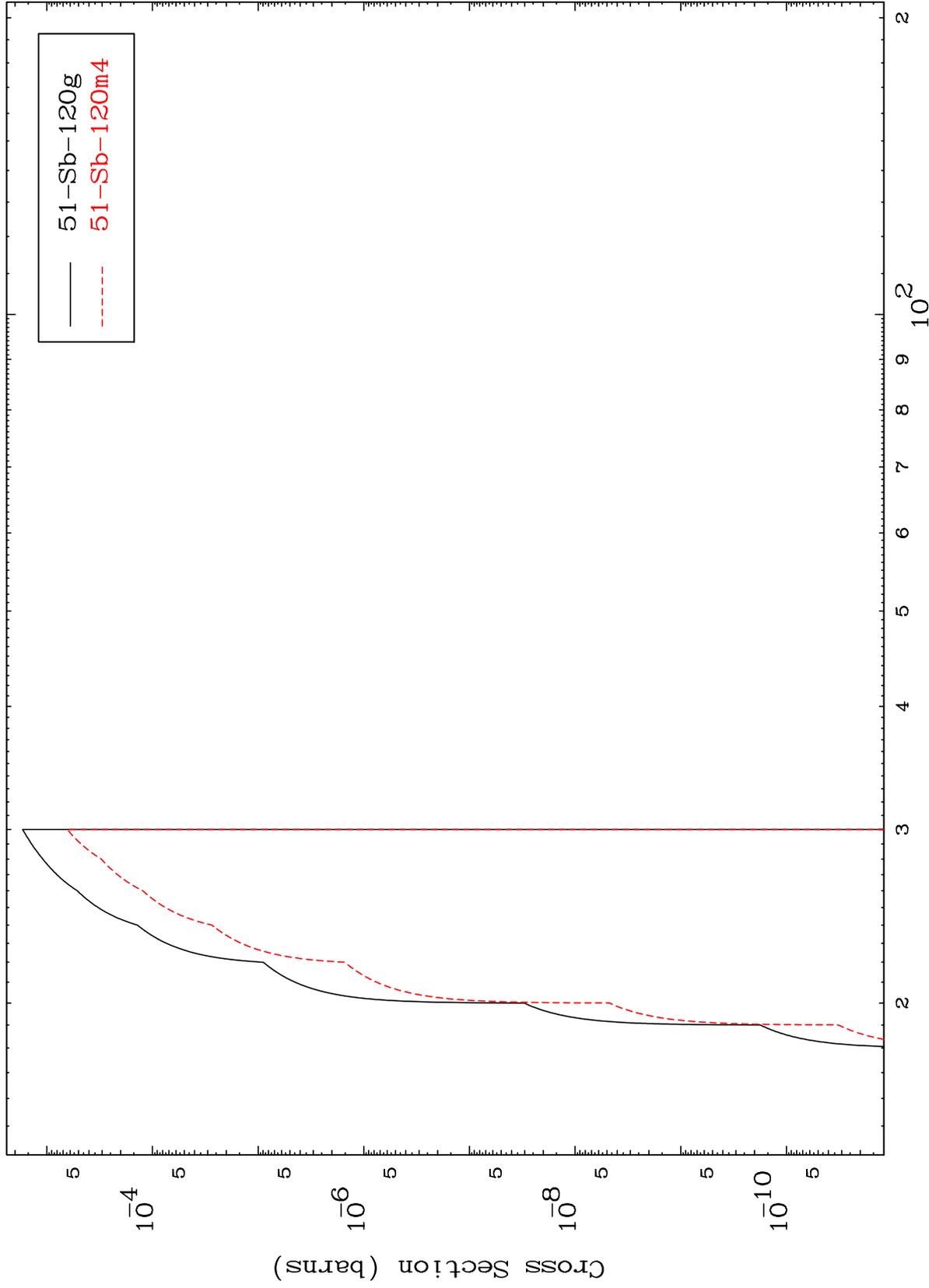


51-Sb-122g
51-Sb-122m5

MAT 5047

50-Sn-119m

(n,t)
Radionuclide Production Cross Section



18

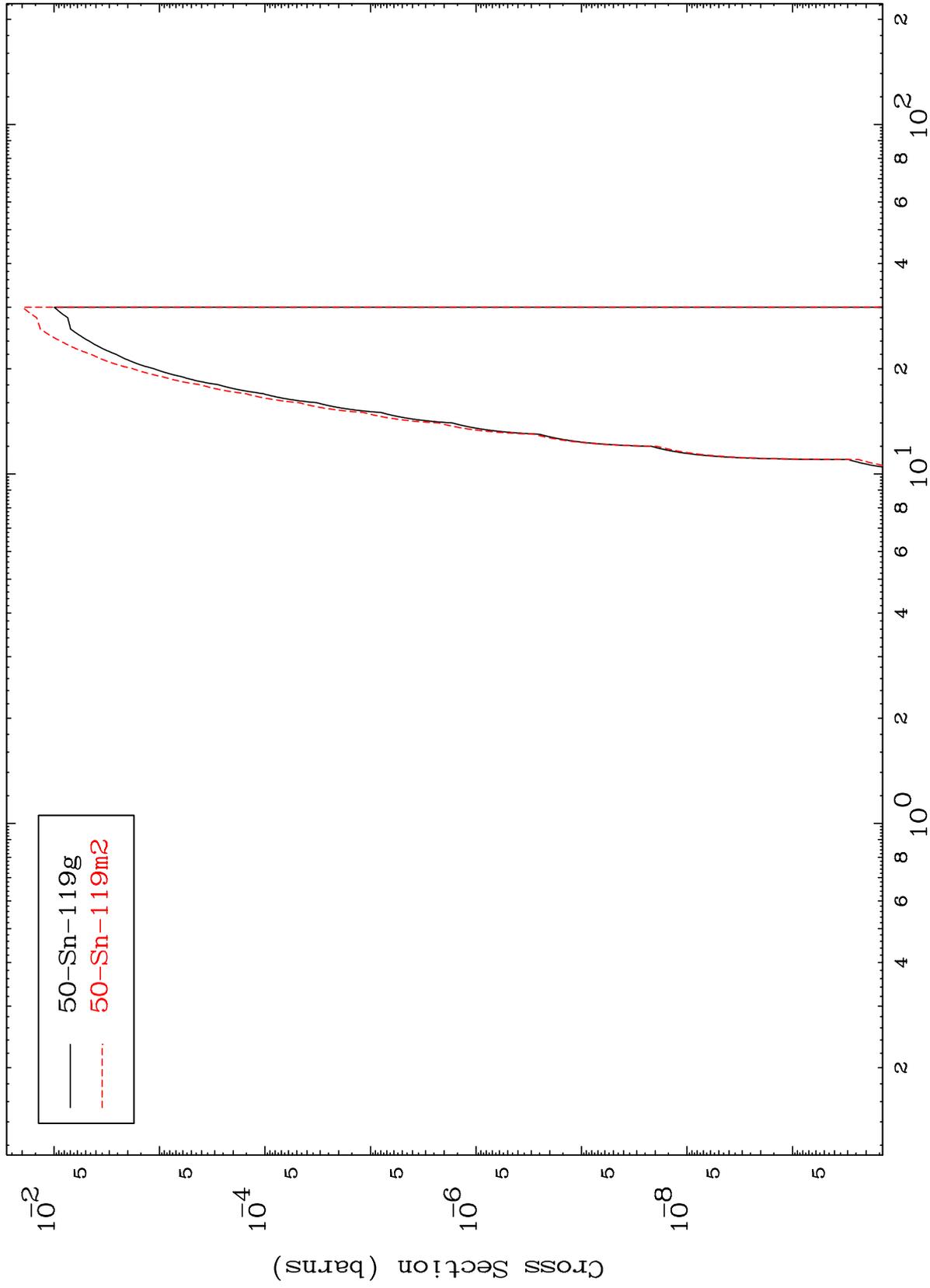
Incident Energy (MeV)

50-Sn-119m

MAT 5047

50-Sn-119m

(n, α)
Radionuclide Production Cross Section



19

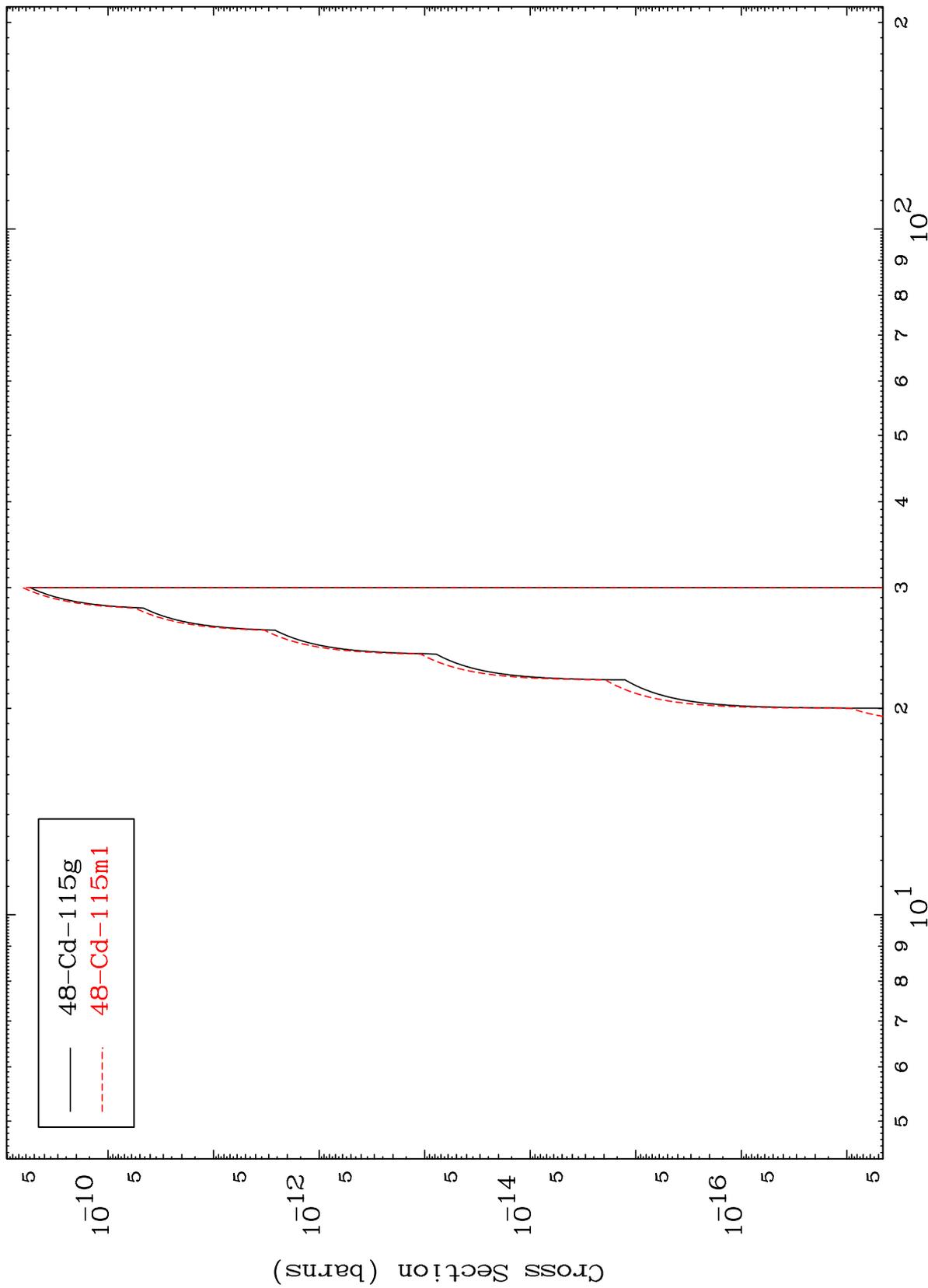
Incident Energy (MeV)

50-Sn-119m

MAT 5047

50-Sn-119m

Radionuclide Production Cross Section



50-Sn-119m

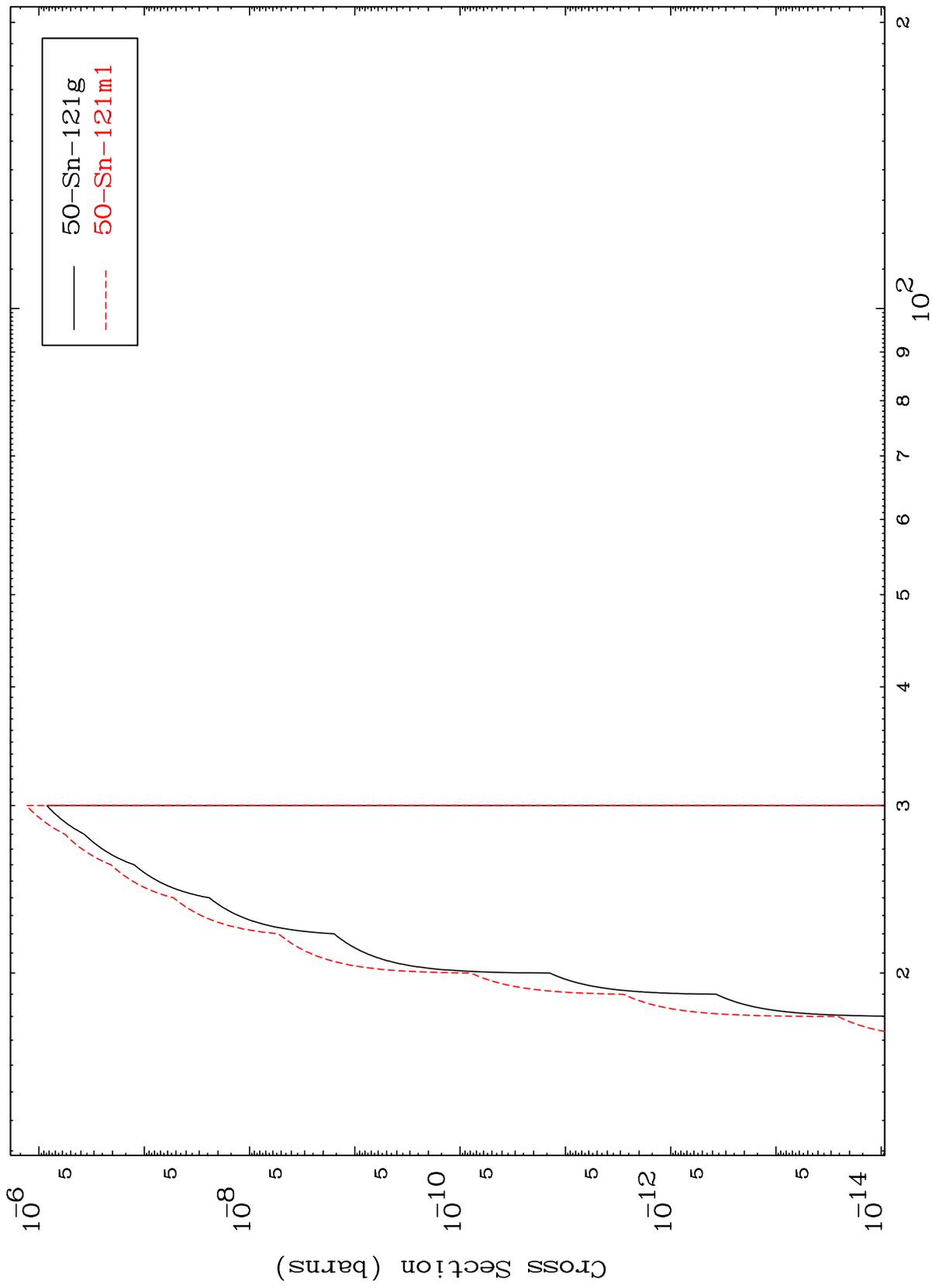
Incident Energy (MeV)

20

MAT 5047

50-Sn-119m

(n,2p)
Radionuclide Production Cross Section



50-Sn-119m

Incident Energy (MeV)

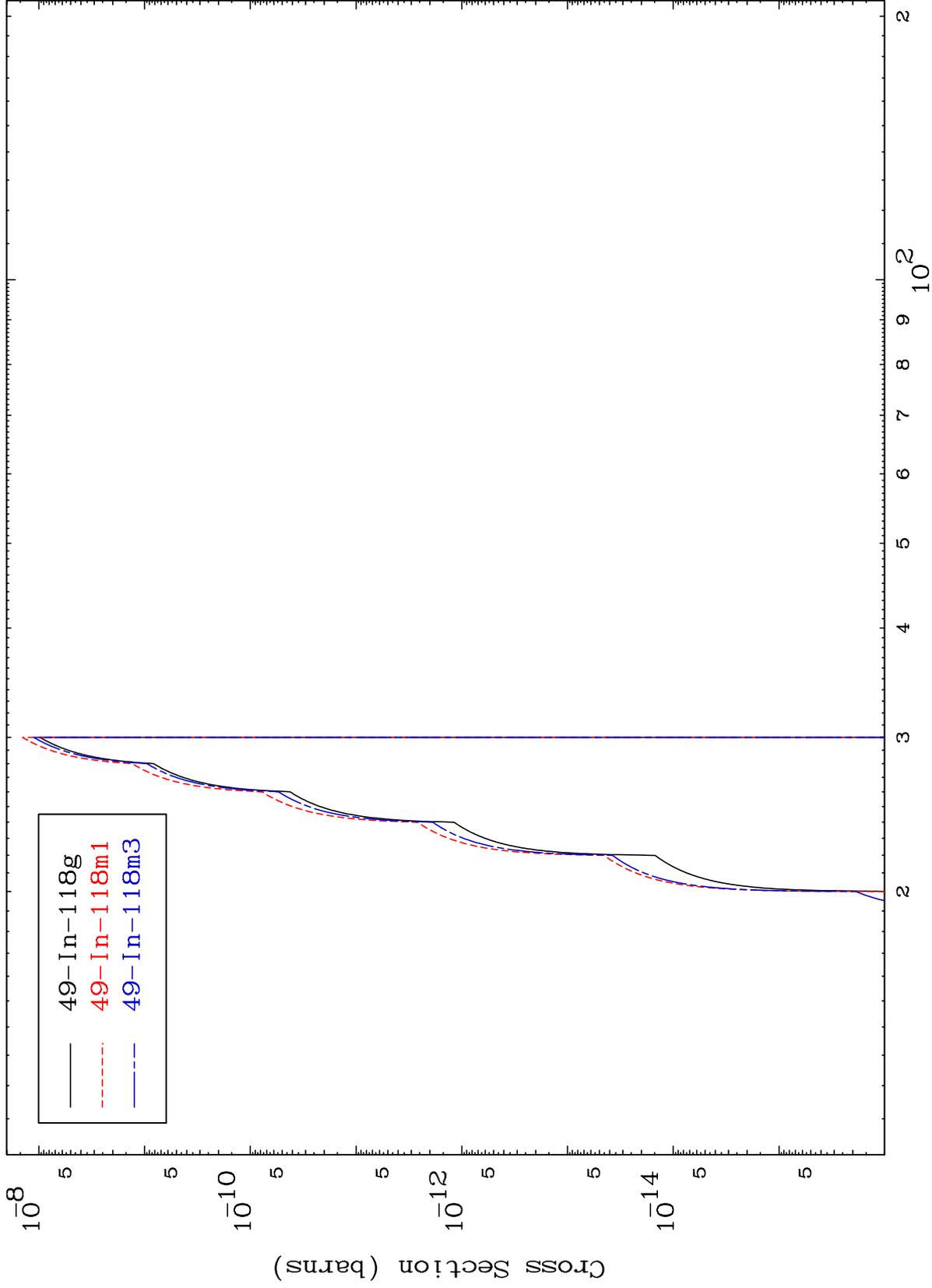
21

MAT 5047

50-Sn-119m

(n,p) α

Radionuclide Production Cross Section



50-Sn-119m

Incident Energy (MeV)

22