

Program EVALPLOT
(Version 2021-1)

by

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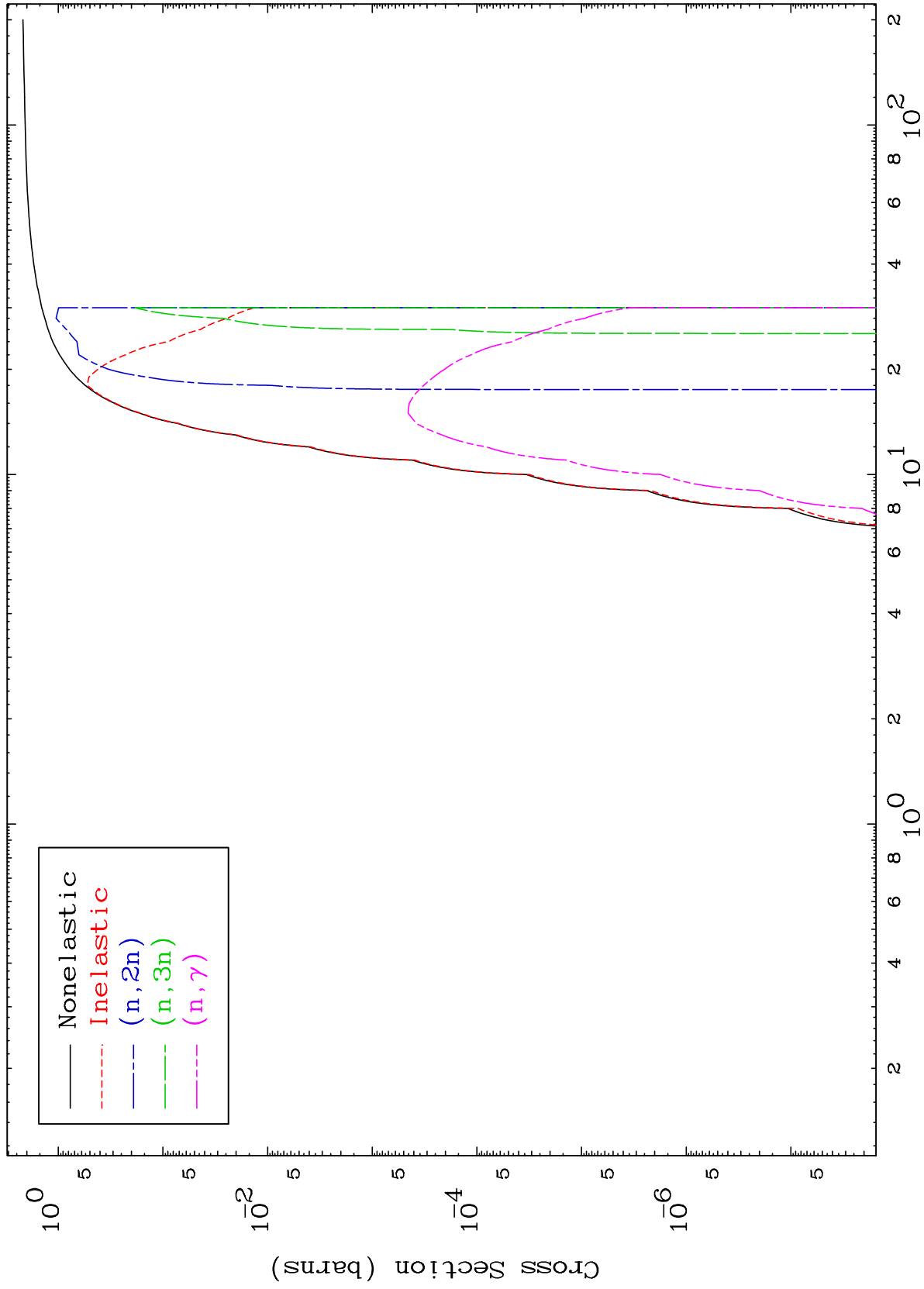
Press Mouse Button to Start

MAT 5040

0 Kelvin

α Major Cross Sections

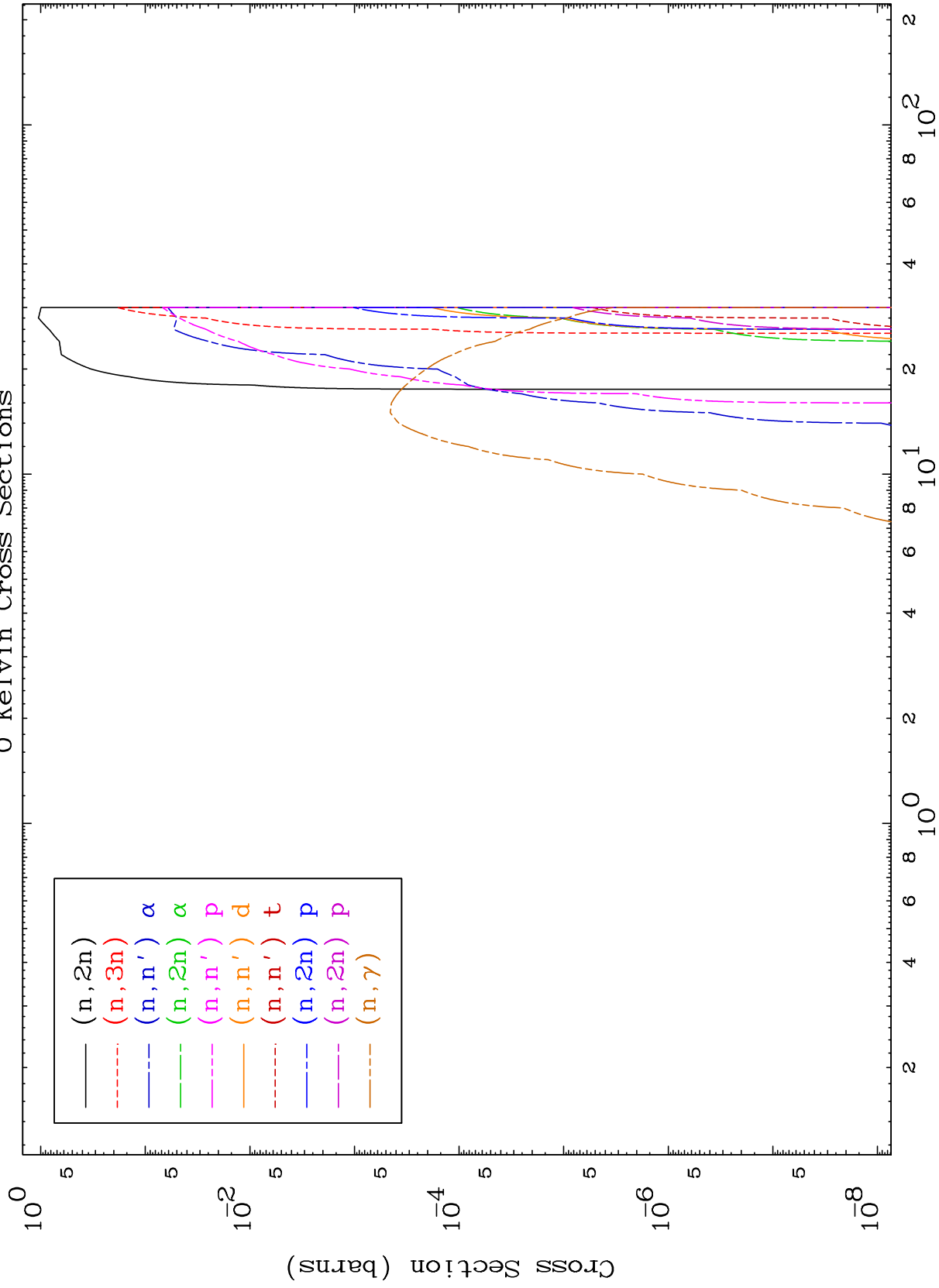
50-Sn-117



MAT 5040

α Neutron Absorption
0 Kelvin Cross Sections

50-Sn-117



2

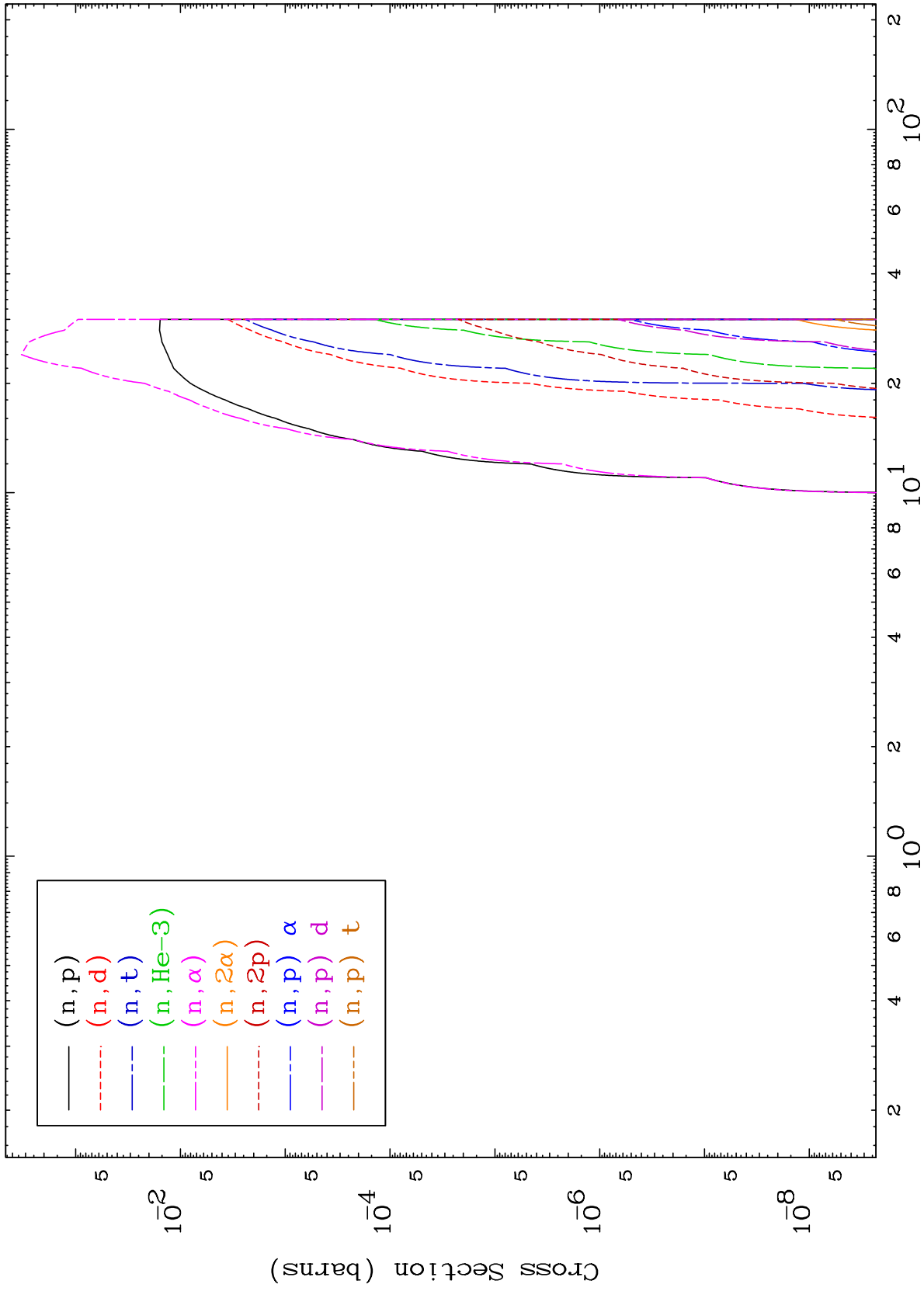
Incident Energy (MeV)

50-Sn-117

MAT 5040

α Neutron Absorption
0 Kelvin Cross Sections

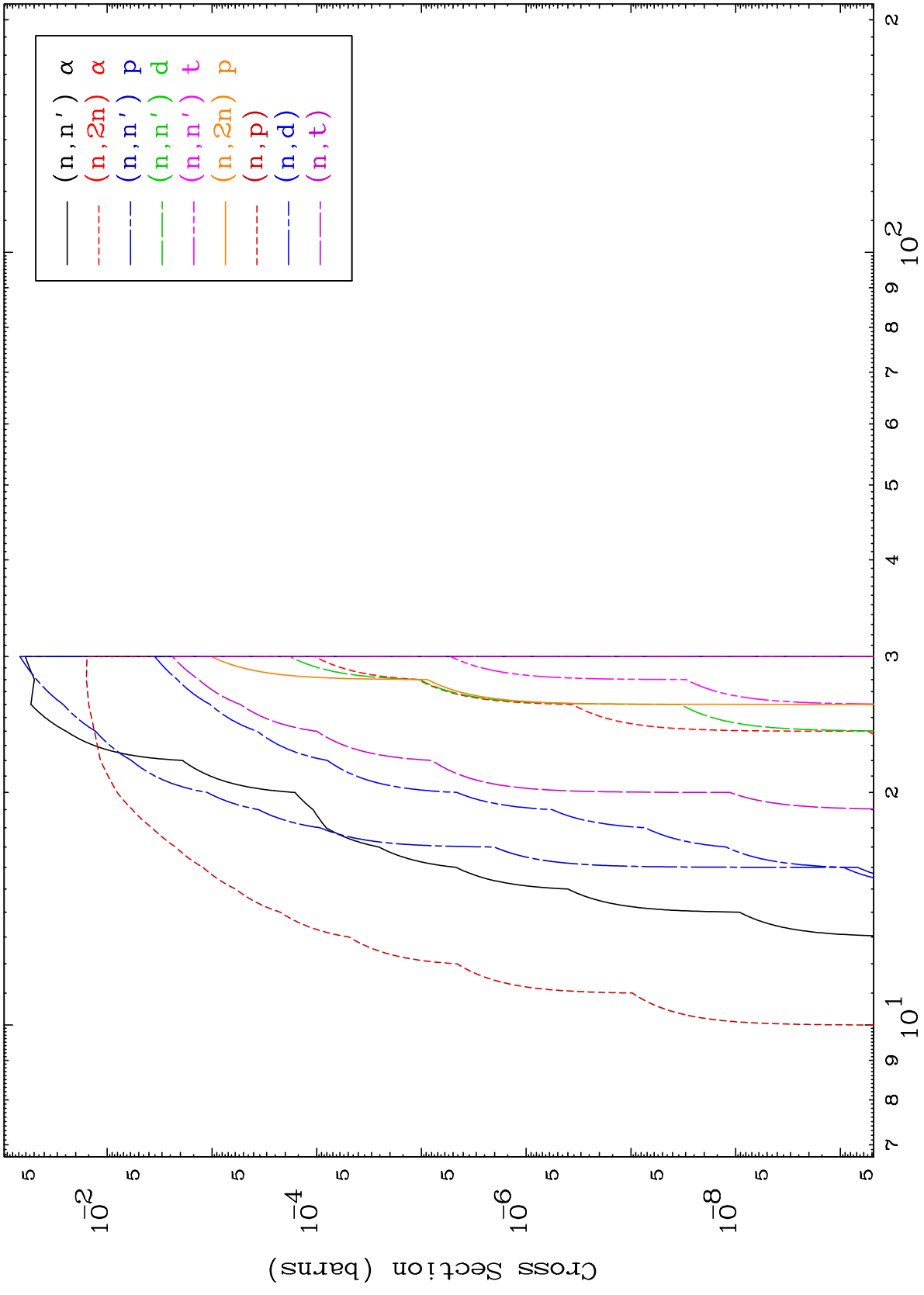
50-Sn-117



3

Incident Energy (MeV)

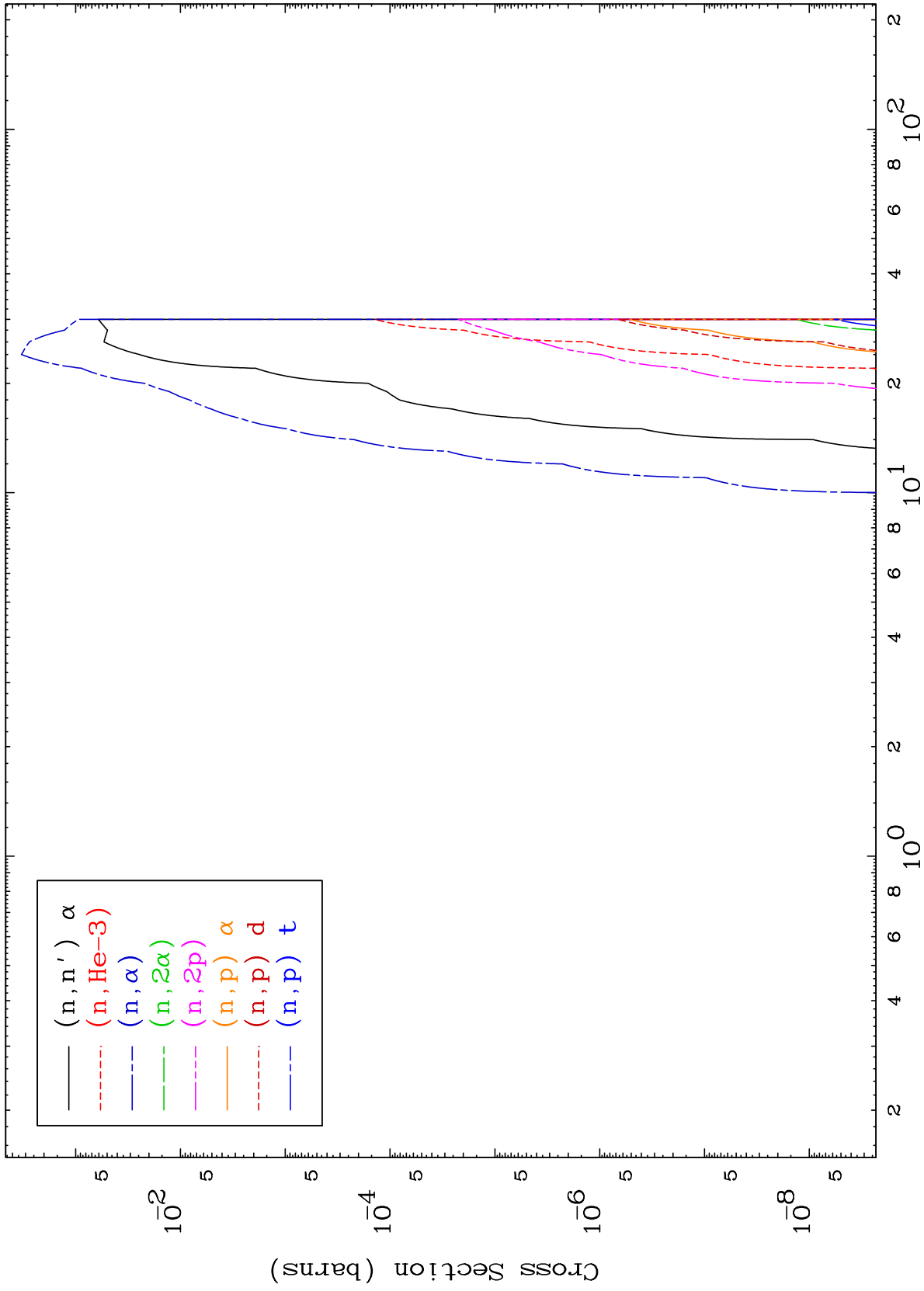
50-Sn-117



MAT 5040

α Charged Particle
0 Kelvin Cross Sections

50-Sn-117



5

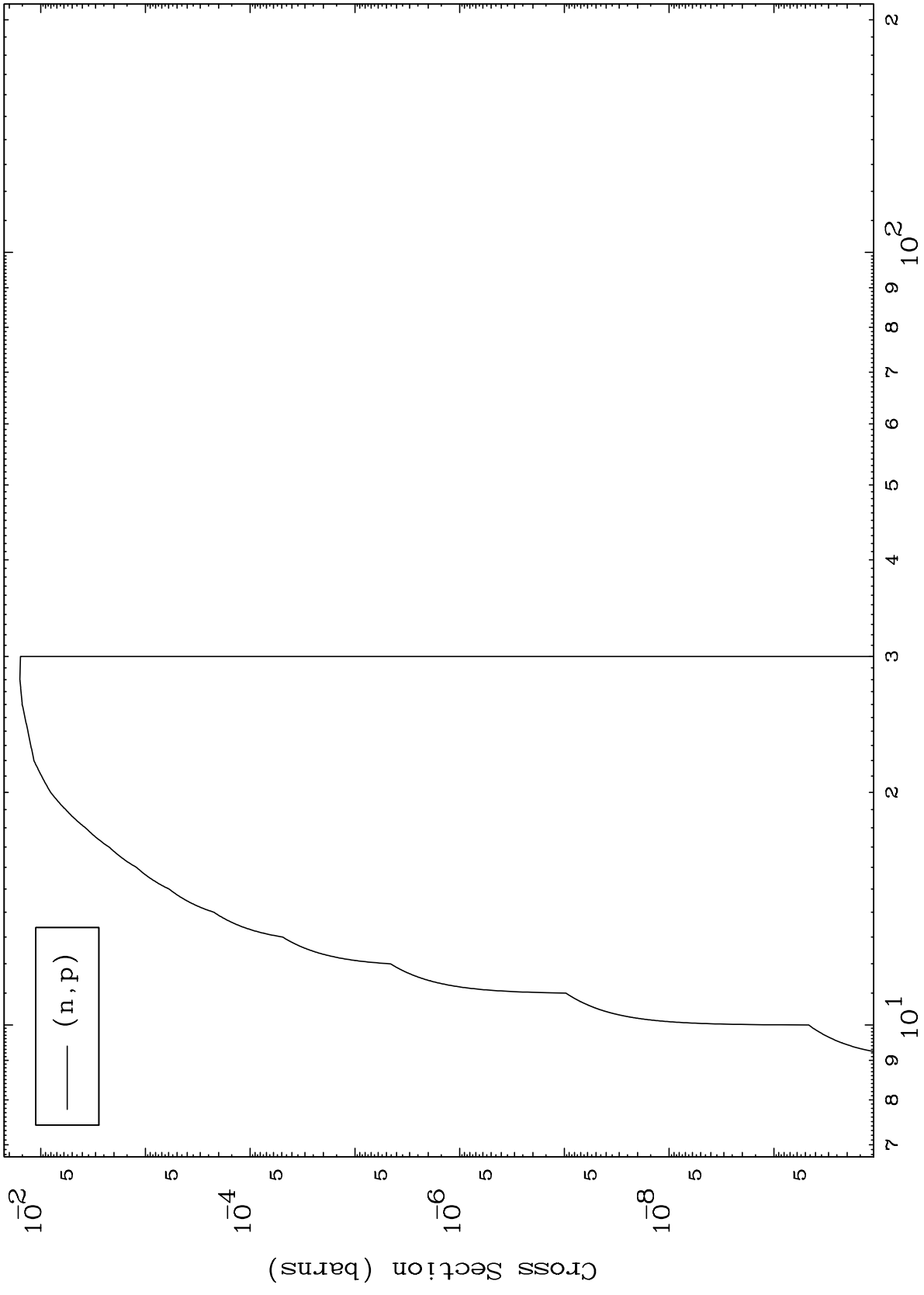
Incident Energy (MeV)

50-Sn-117

MAT 5040

(α, p) Levels
0 Kelvin Cross Sections

50-Sn-117



6

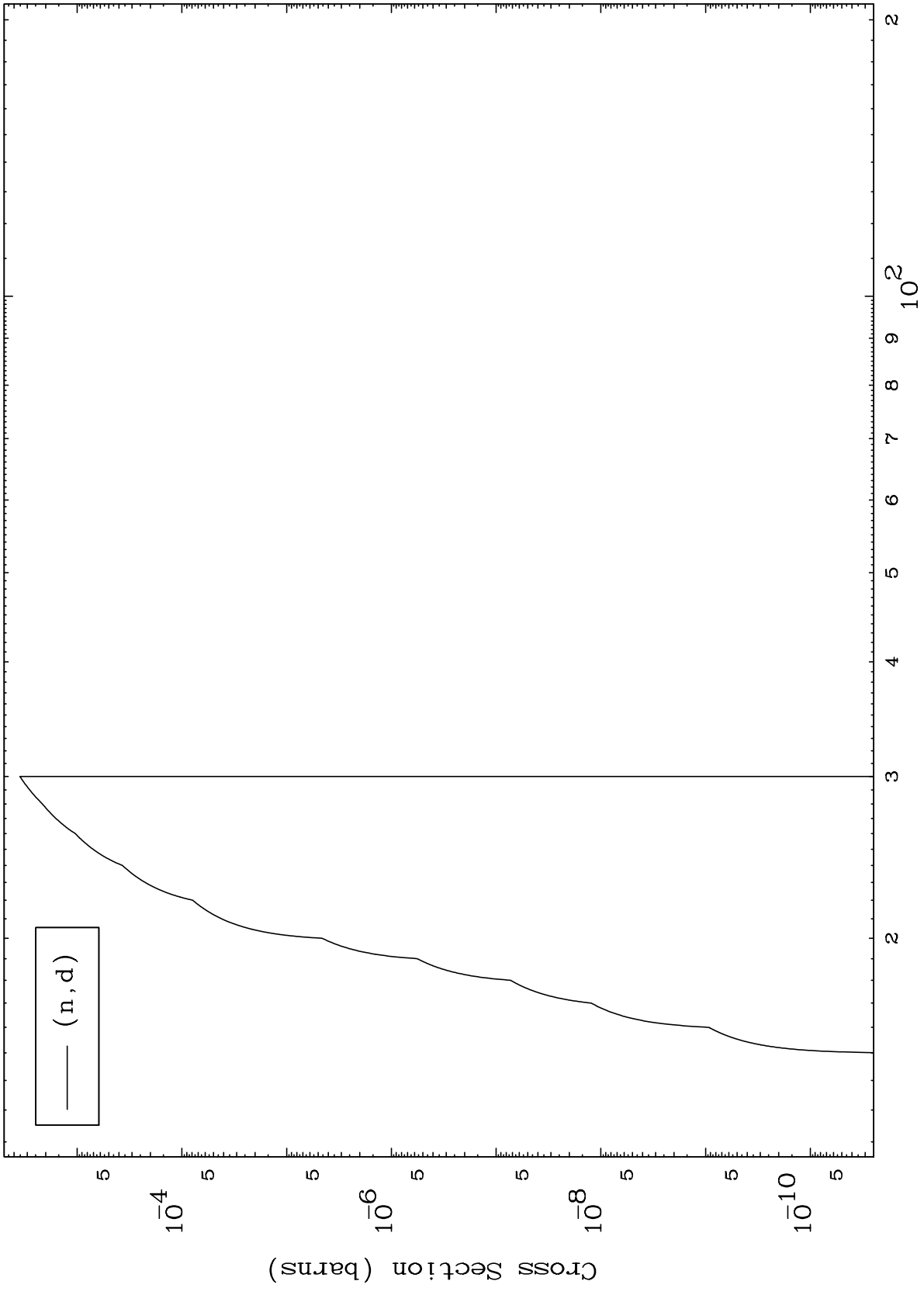
Incident Energy (MeV)

50-Sn-117

MAT 5040

(α, d) Levels
0 Kelvin Cross Sections

50-Sn-117



7

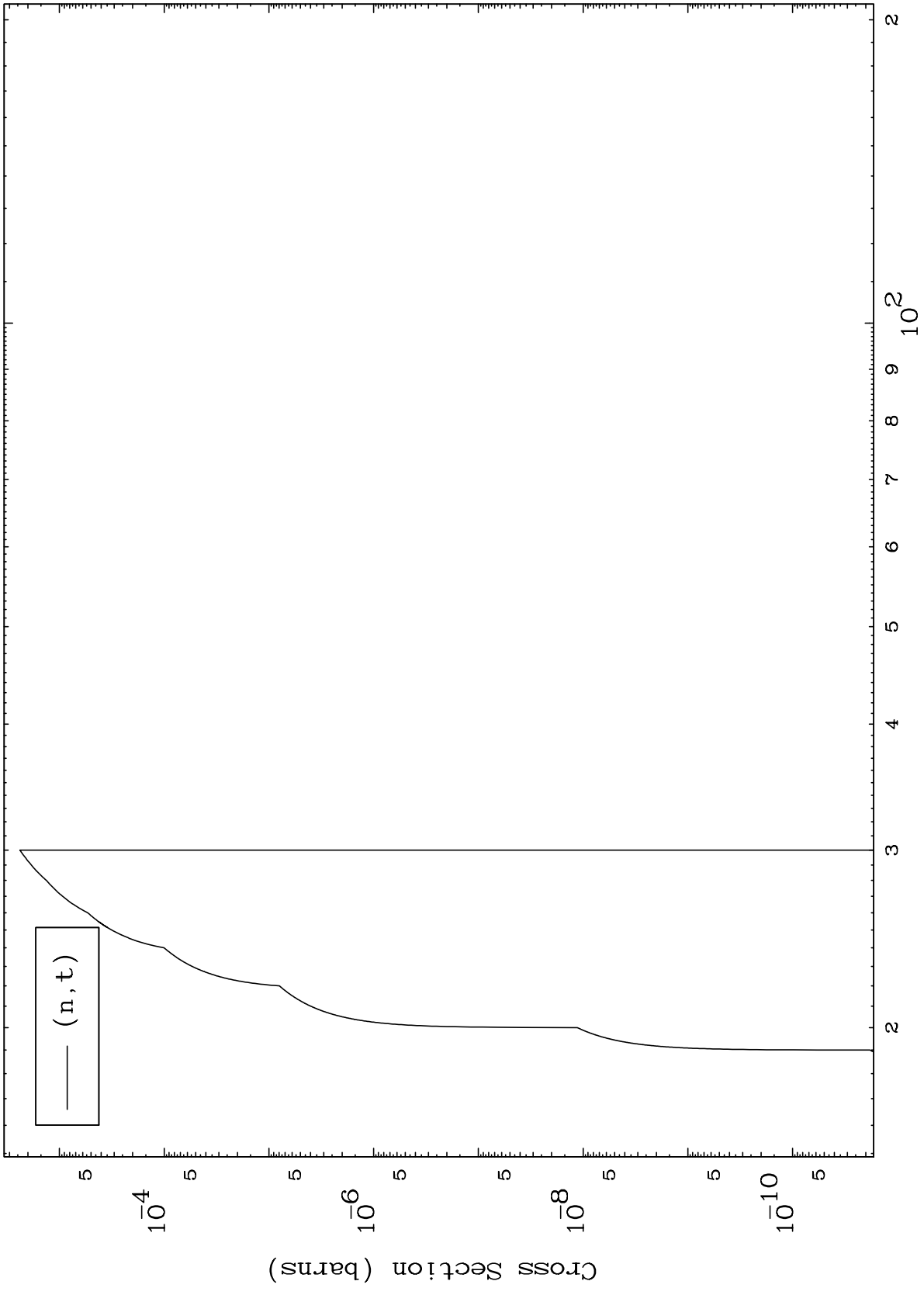
Incident Energy (MeV)

50-Sn-117

MAT 5040

(α, t) Levels
0 Kelvin Cross Sections

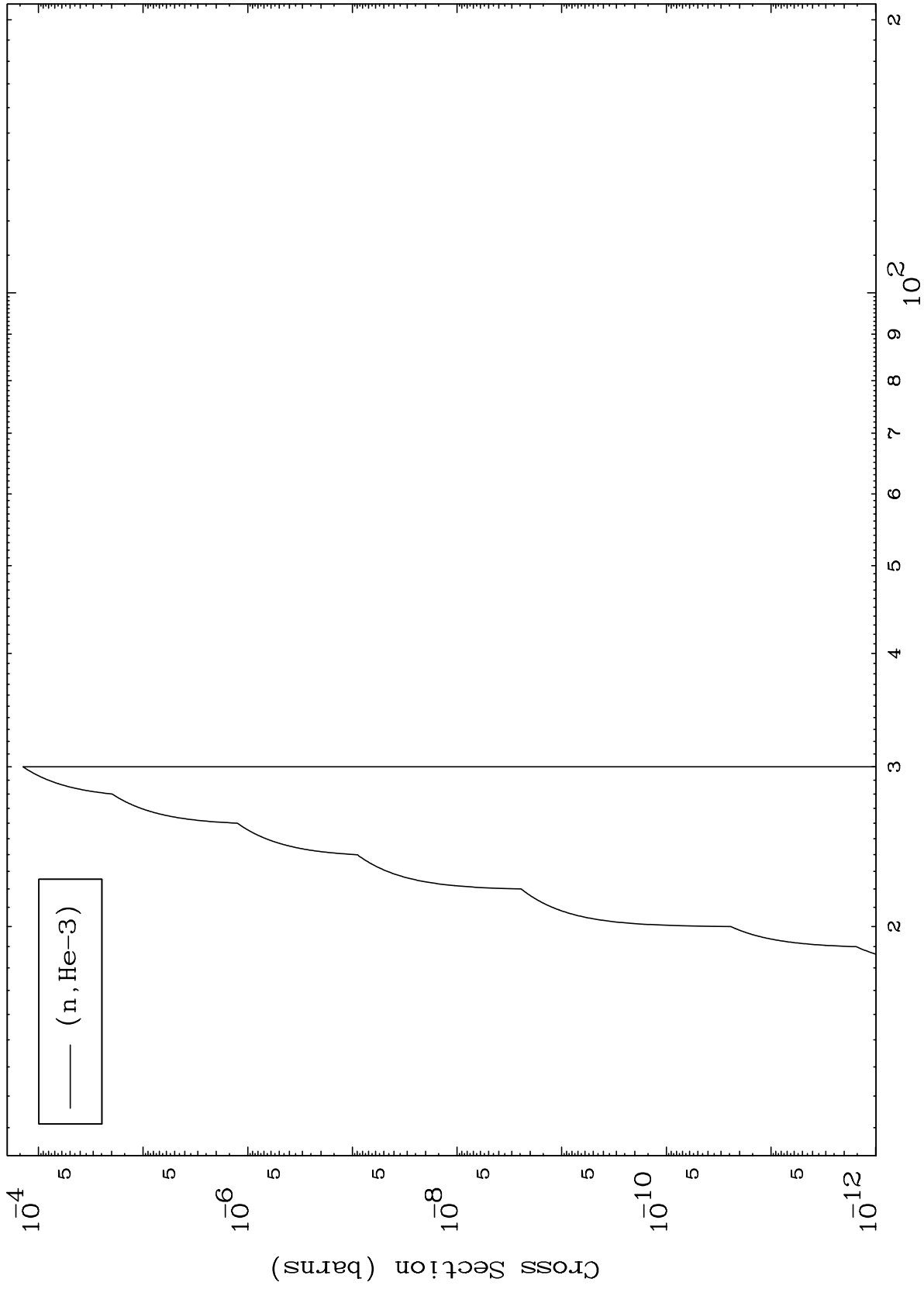
50-Sn-117



MAT 5040

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

50-Sn-117



9

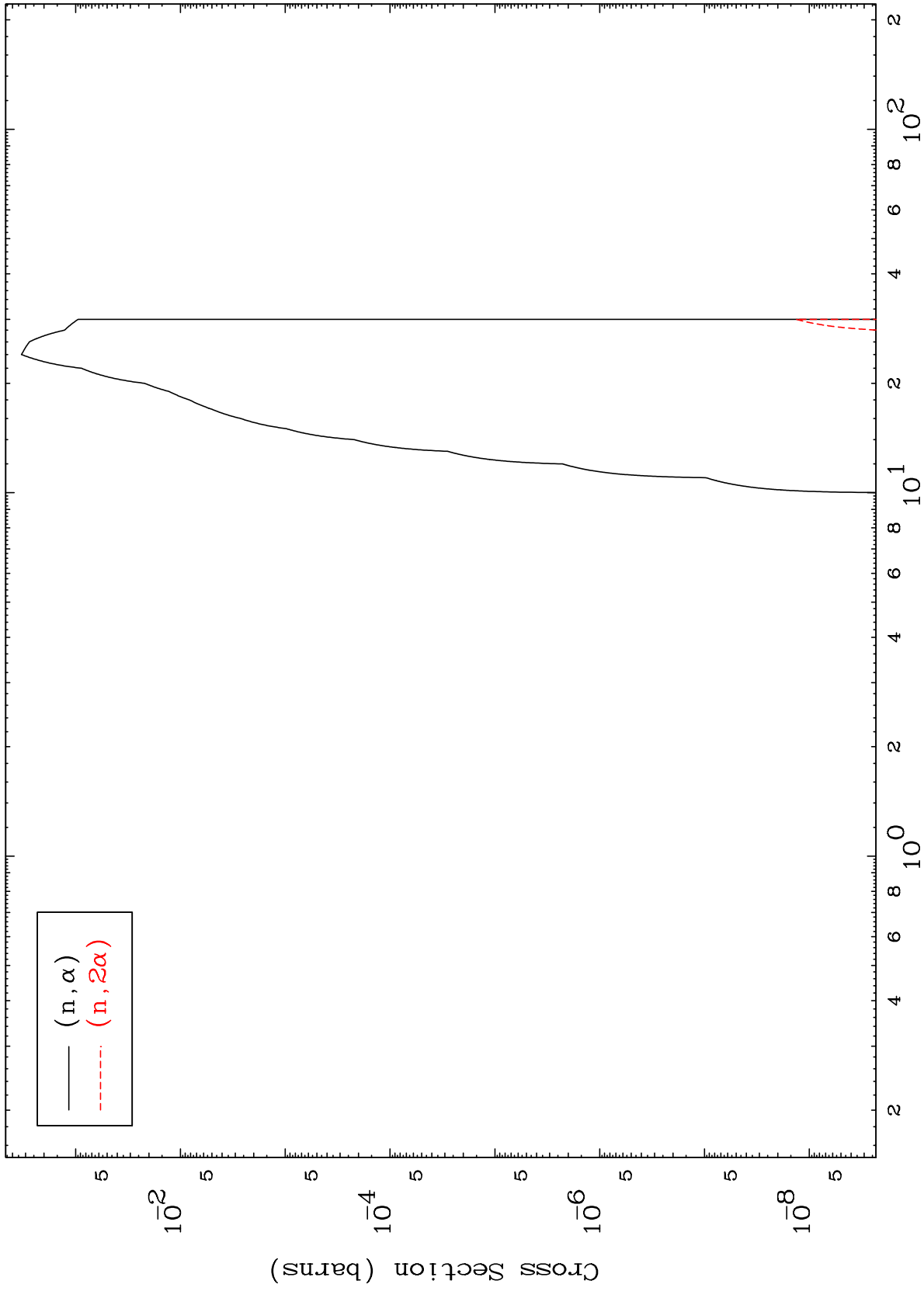
Incident Energy (MeV)

50-Sn-117

MAT 5040

(α, α) Levels
0 Kelvin Cross Sections

50-Sn-117



10

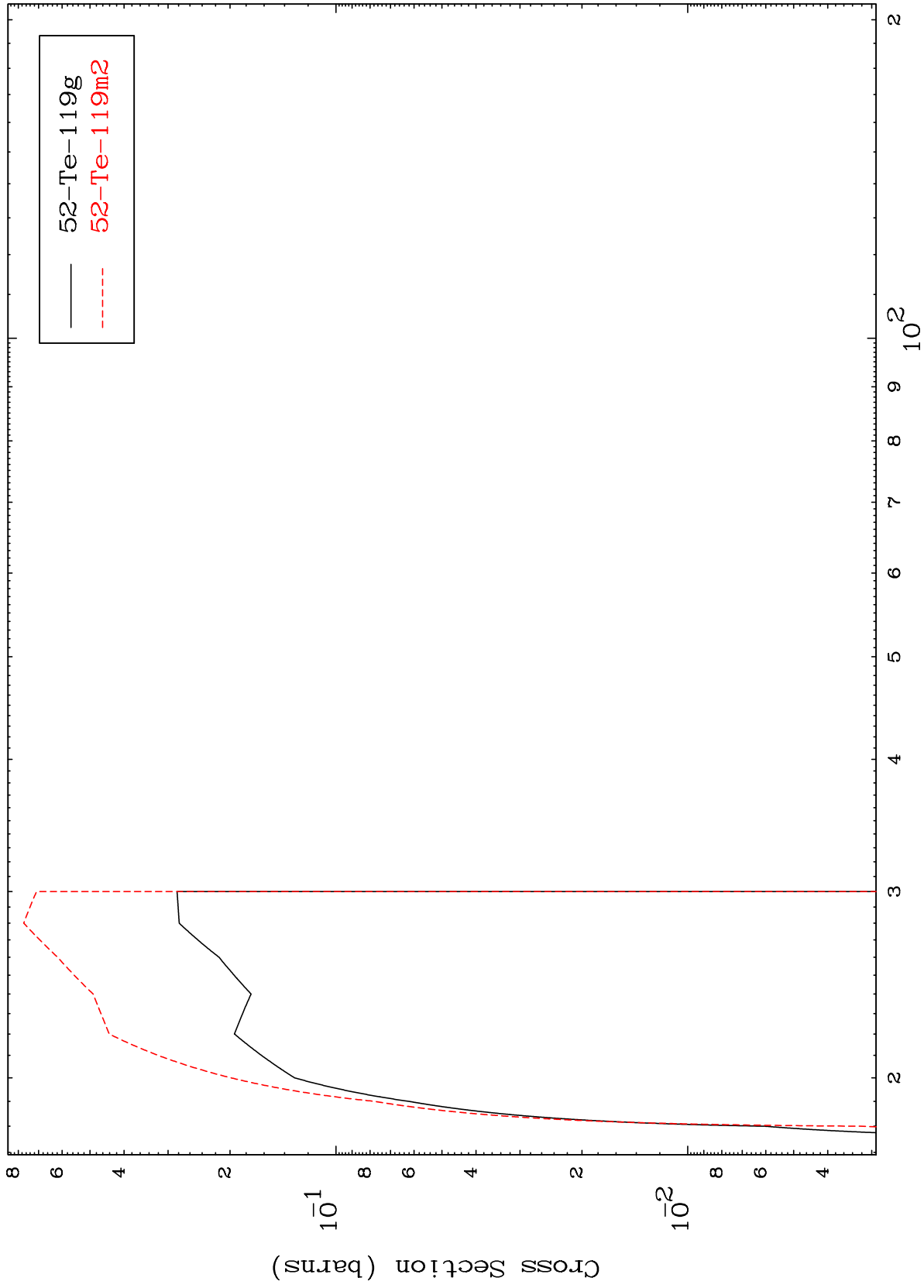
Incident Energy (MeV)

50-Sn-117

MAT 5040

50-Sn-117

(n,2n)
Radionuclide Production Cross Section



11

Incident Energy (MeV)

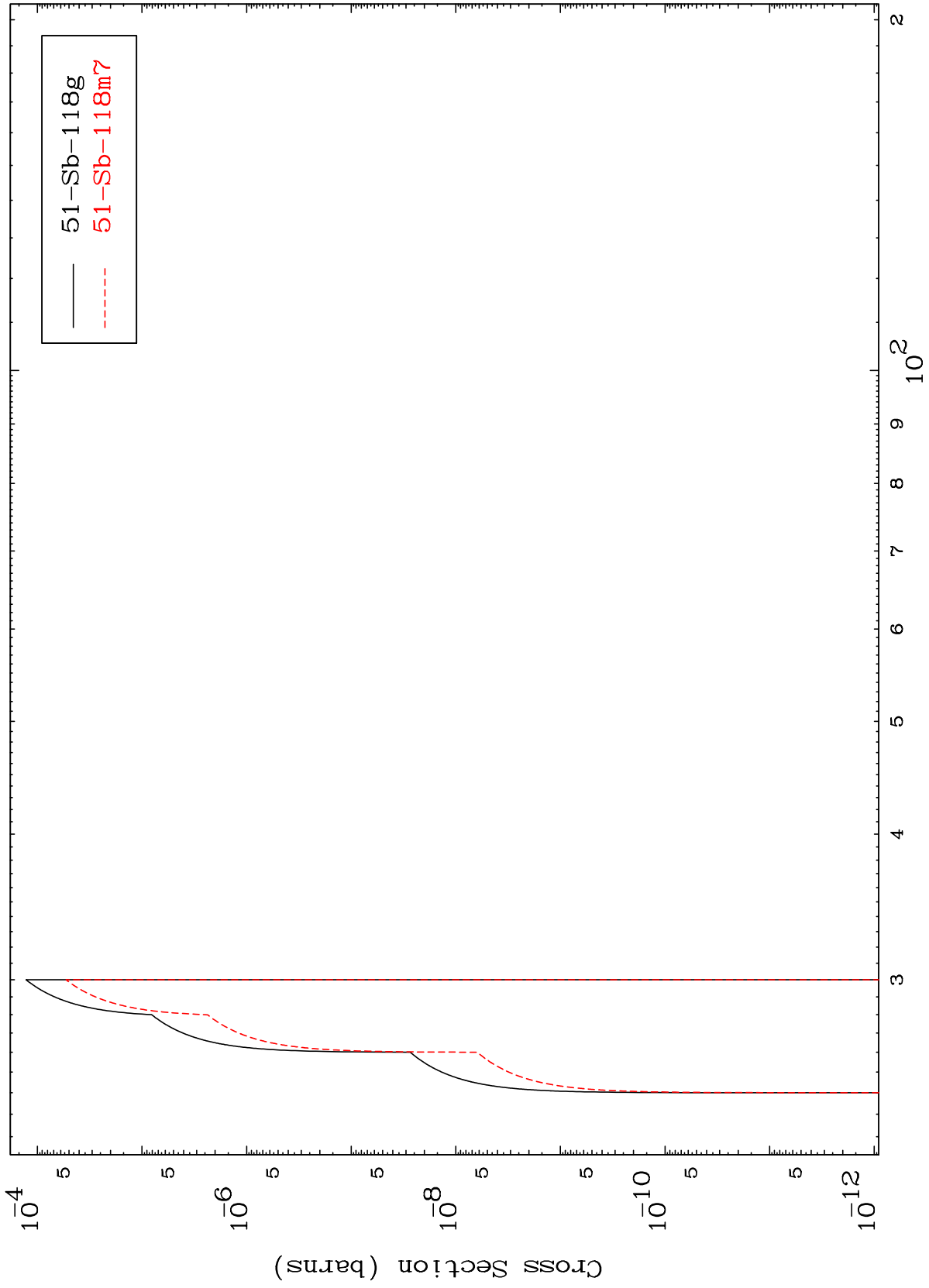
50-Sn-117

MAT 5040

(n,n') d

50-Sn-117

Radionuclide Production Cross Section



12

Incident Energy (MeV)

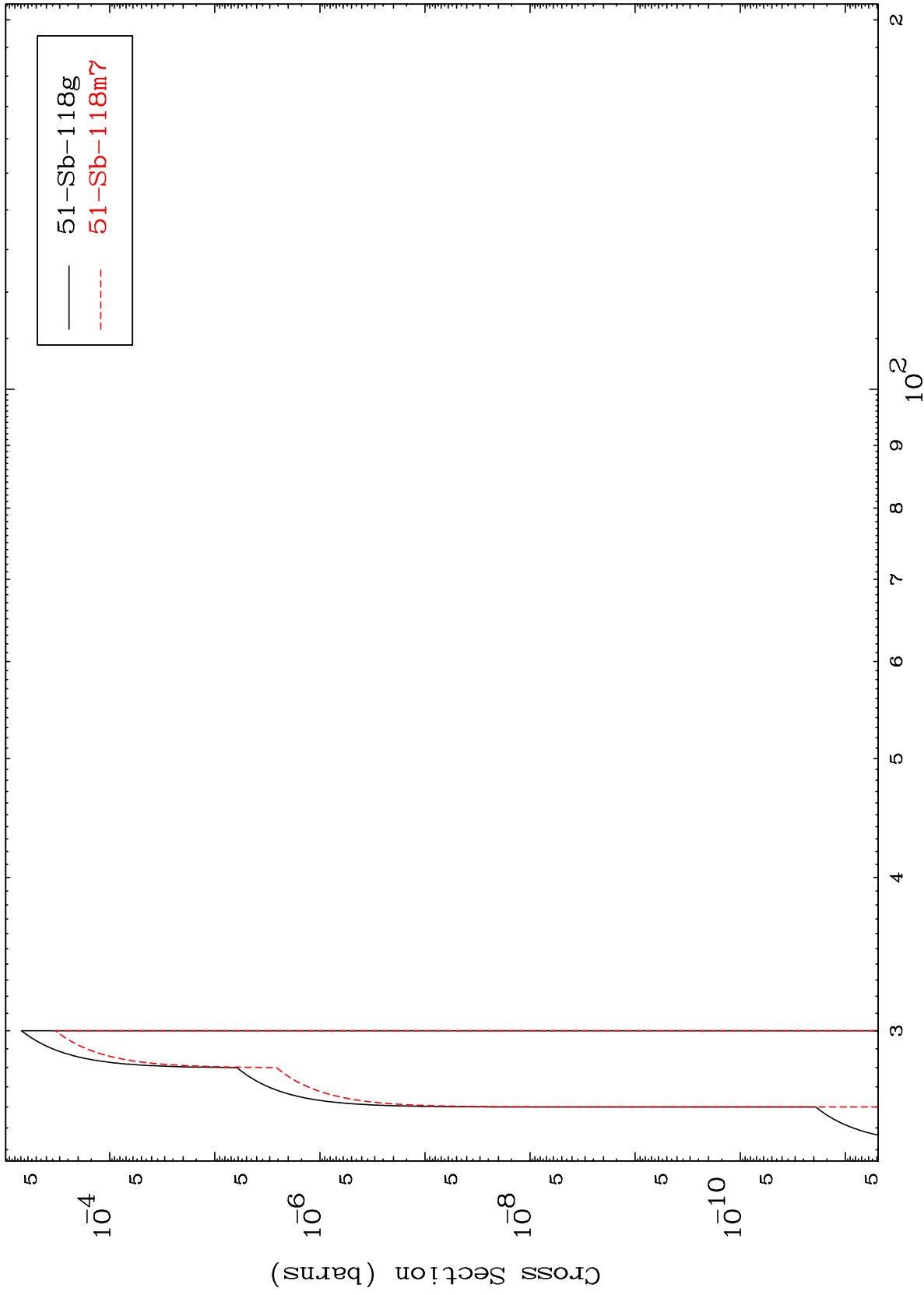
50-Sn-117

MAT 5040

(n,2n) p

50-Sn-117

Radionuclide Production Cross Section



13

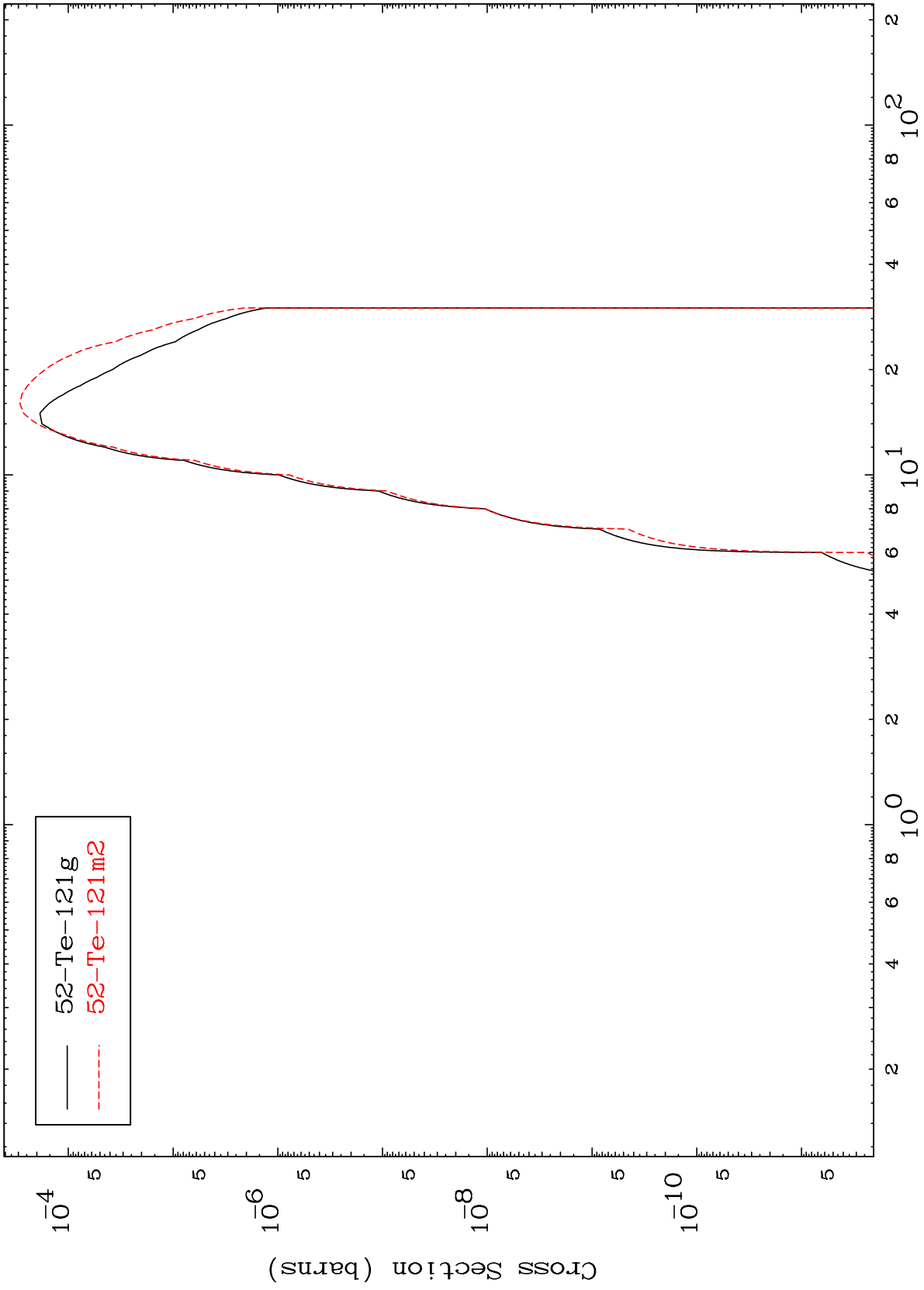
Incident Energy (MeV)

50-Sn-117

MAT 5040

50-Sn-117

(n,γ)
Radionuclide Production Cross Section

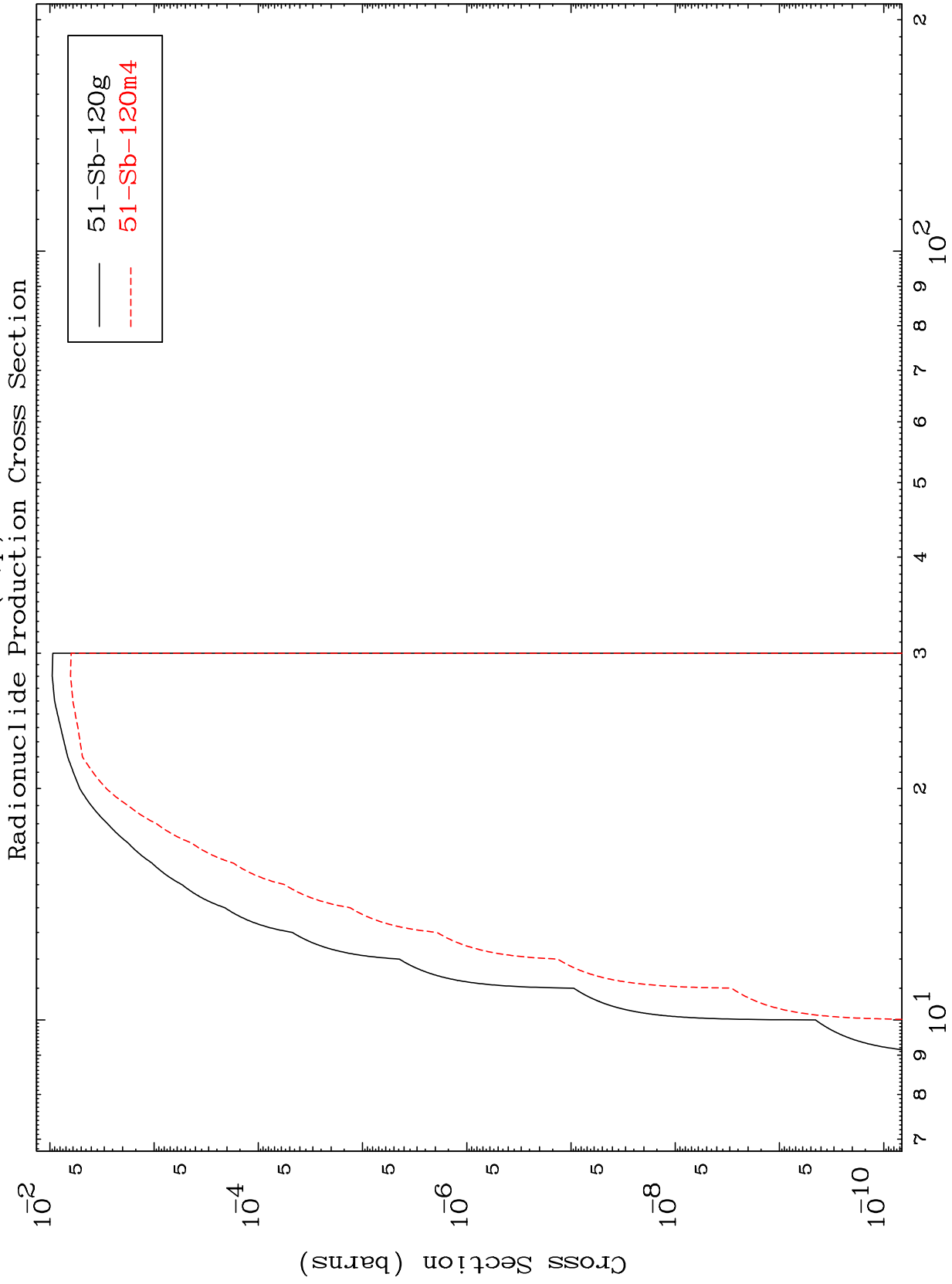


14

50-Sn-117

MAT 5040

50-Sn-117



50-Sn-117

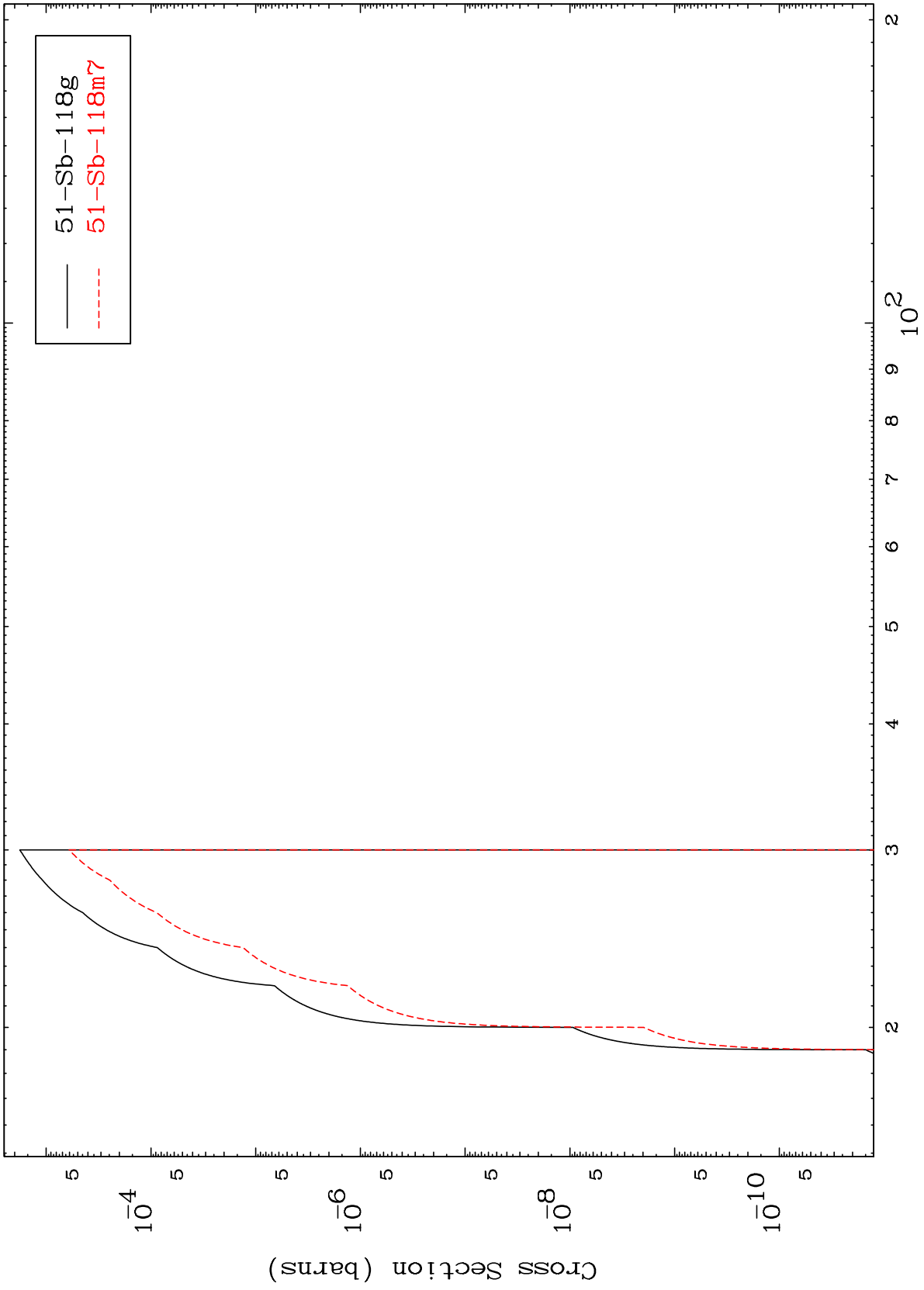
Incident Energy (MeV)

15

MAT 5040

50-Sn-117

(n, t)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

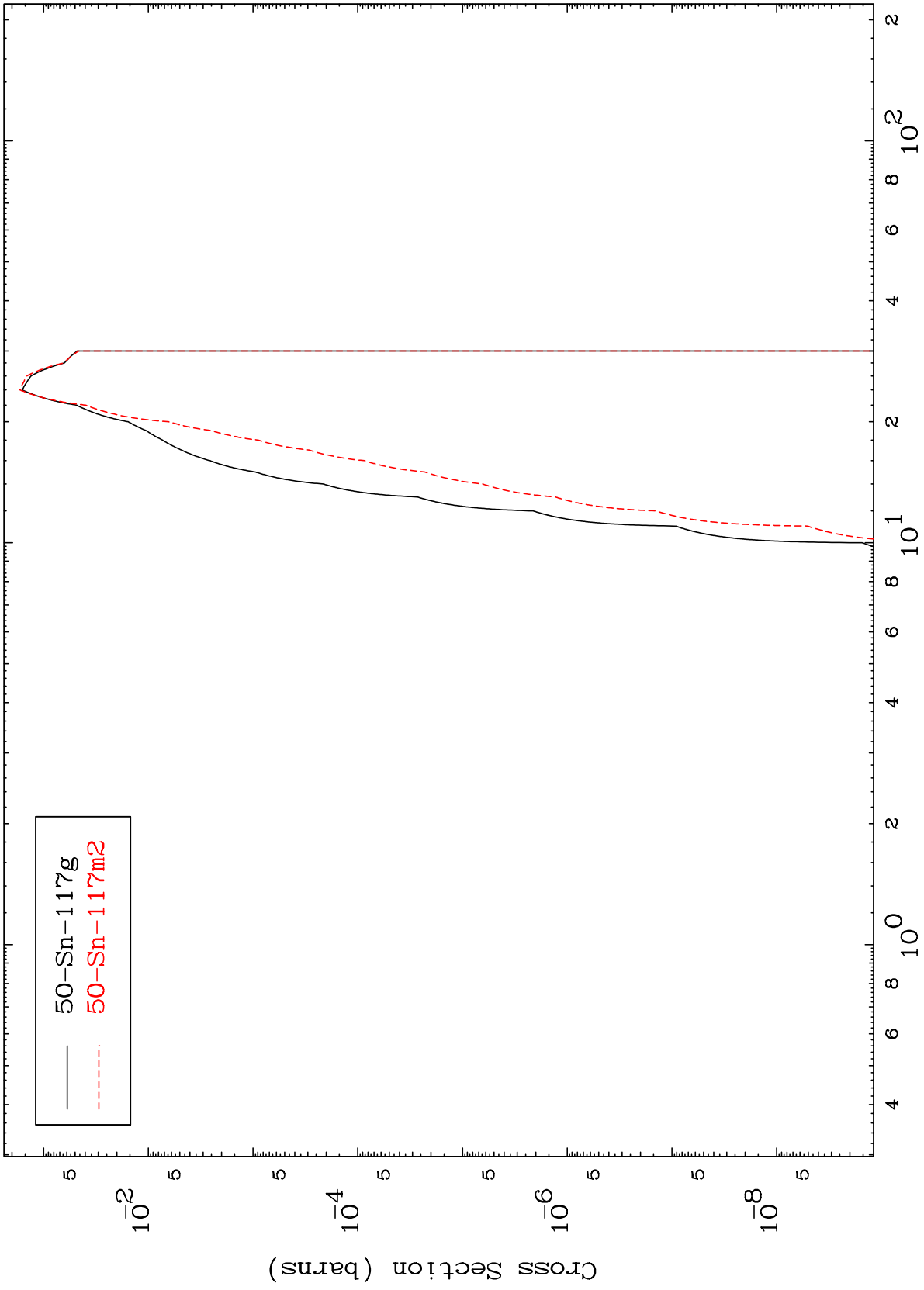
50-Sn-117

MAT 5040

(n, α)

50-Sn-117

Radionuclide Production Cross Section



17

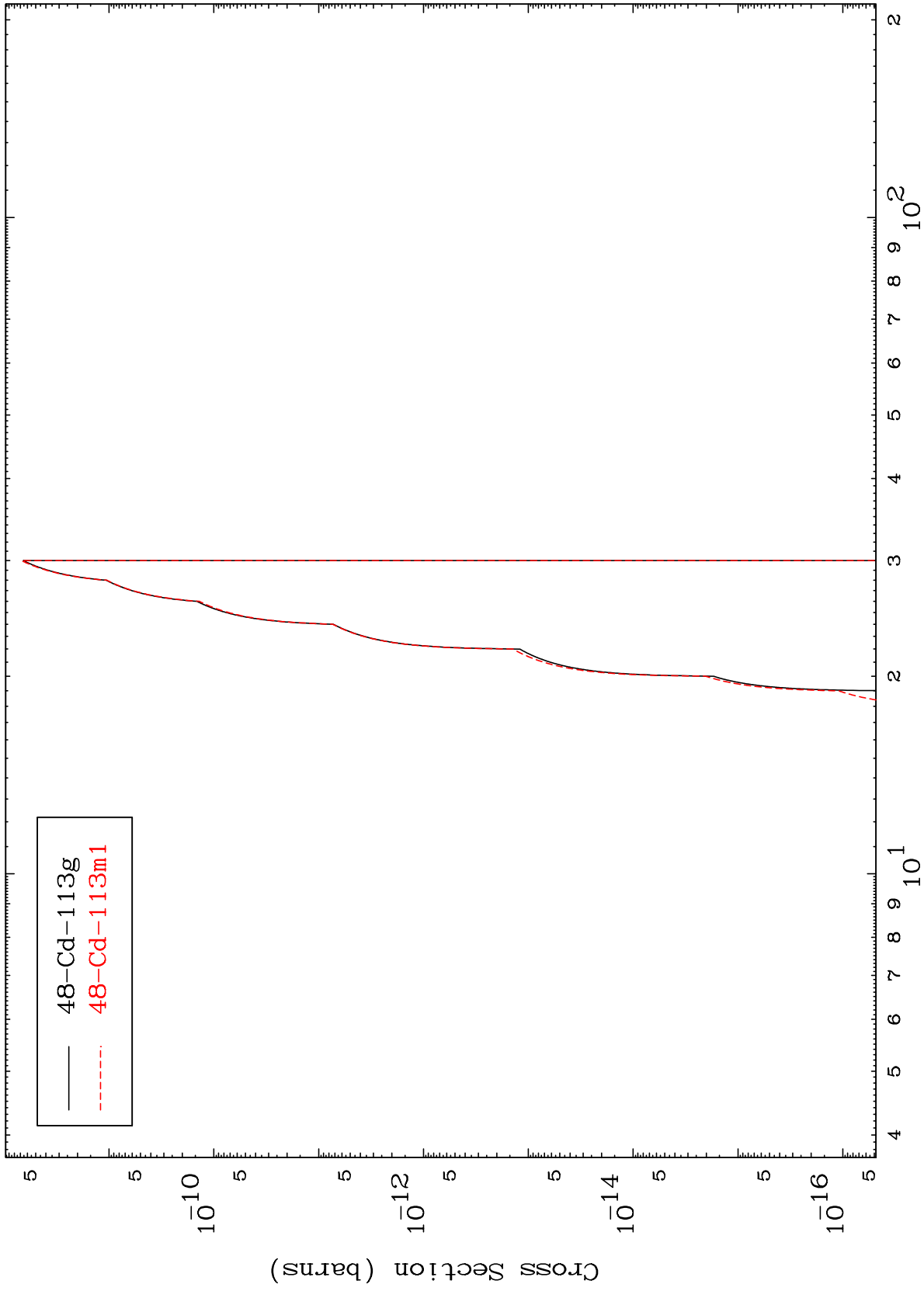
Incident Energy (MeV)

50-Sn-117

MAT 5040

50-Sn-117

Radionuclide Production Cross Section



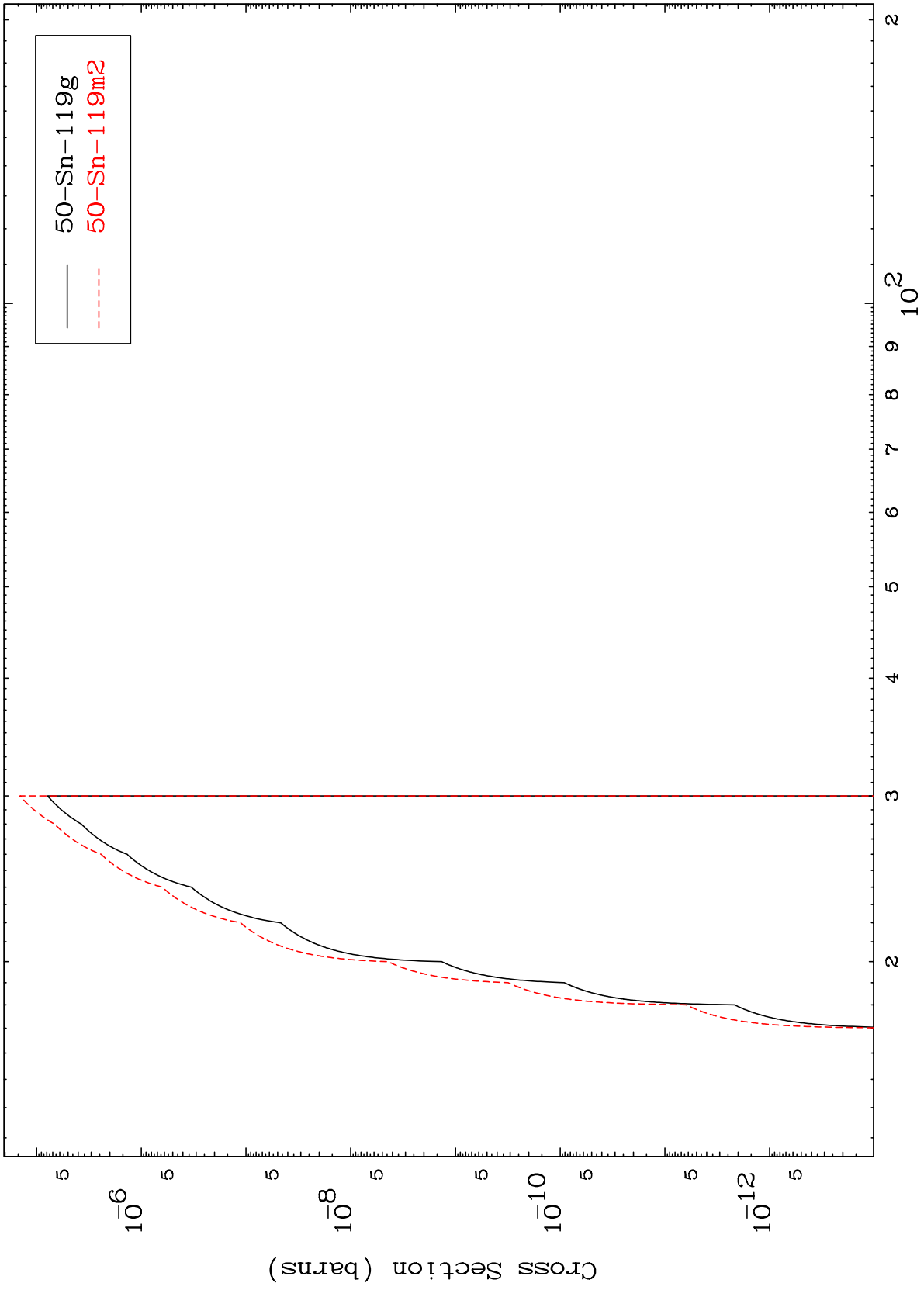
18

50-Sn-117

MAT 5040

50-Sn-117

(n,2p)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

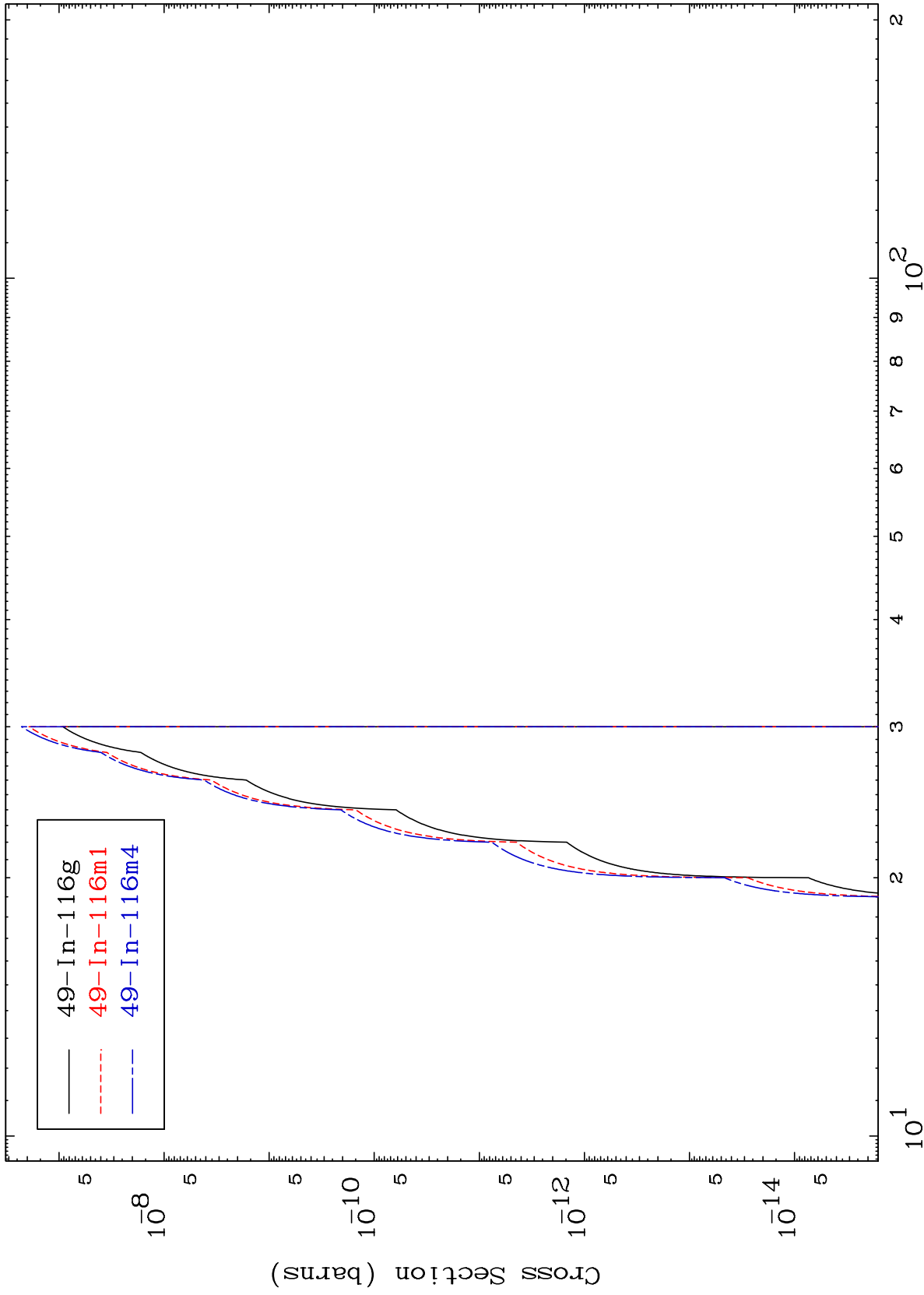
50-Sn-117

MAT 5040

(n,p) α

50-Sn-117

Radionuclide Production Cross Section



Incident Energy (MeV)

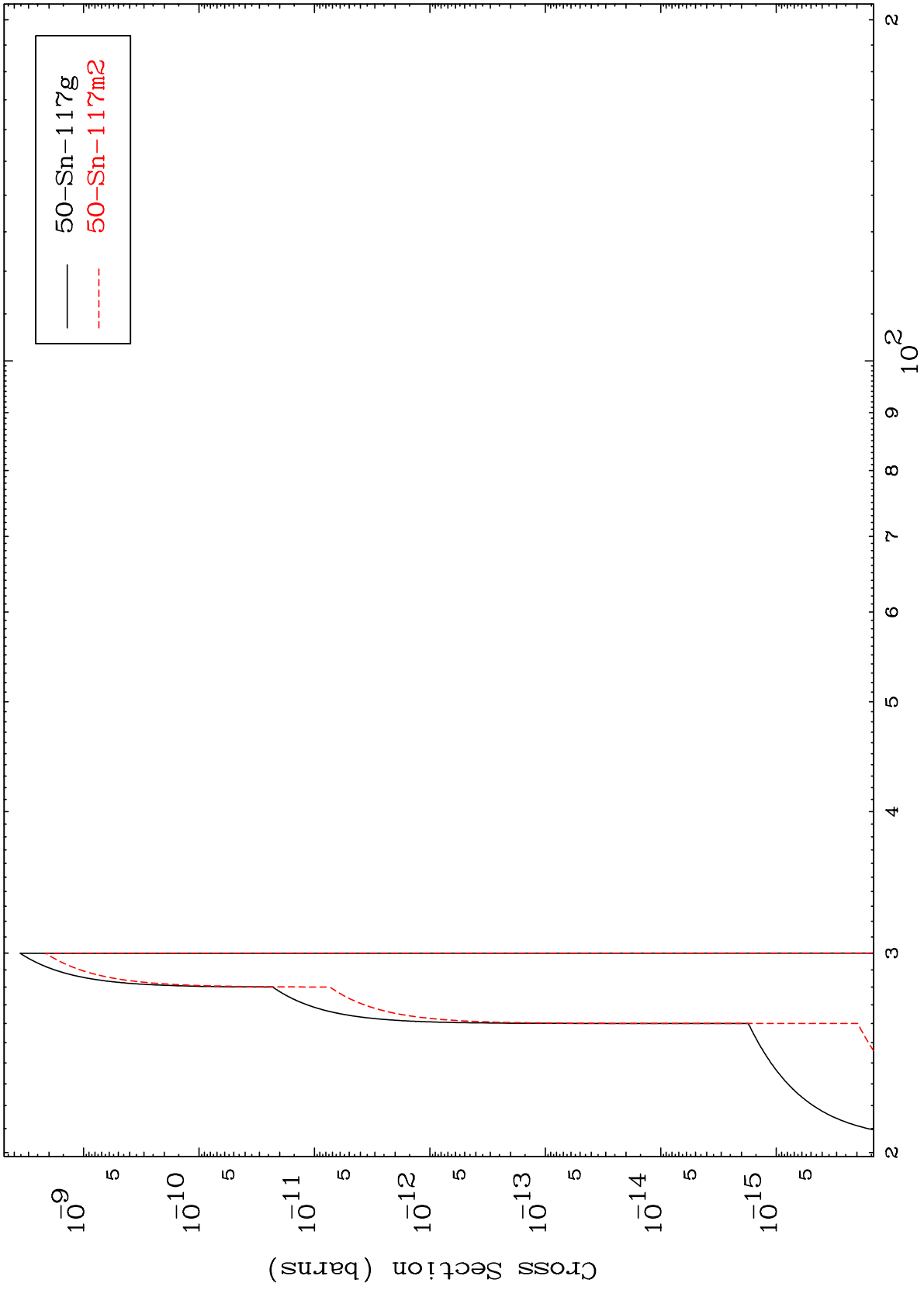
50-Sn-117

MAT 5040

(n,p) t

50-Sn-117

Radionuclide Production Cross Section



21

Incident Energy (MeV)

50-Sn-117