

Program EVALPLOT
(Version 2021-1)

by

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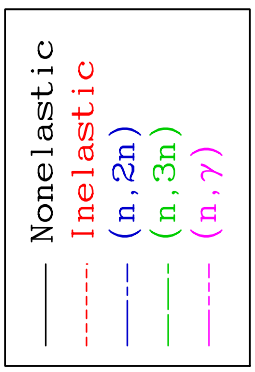
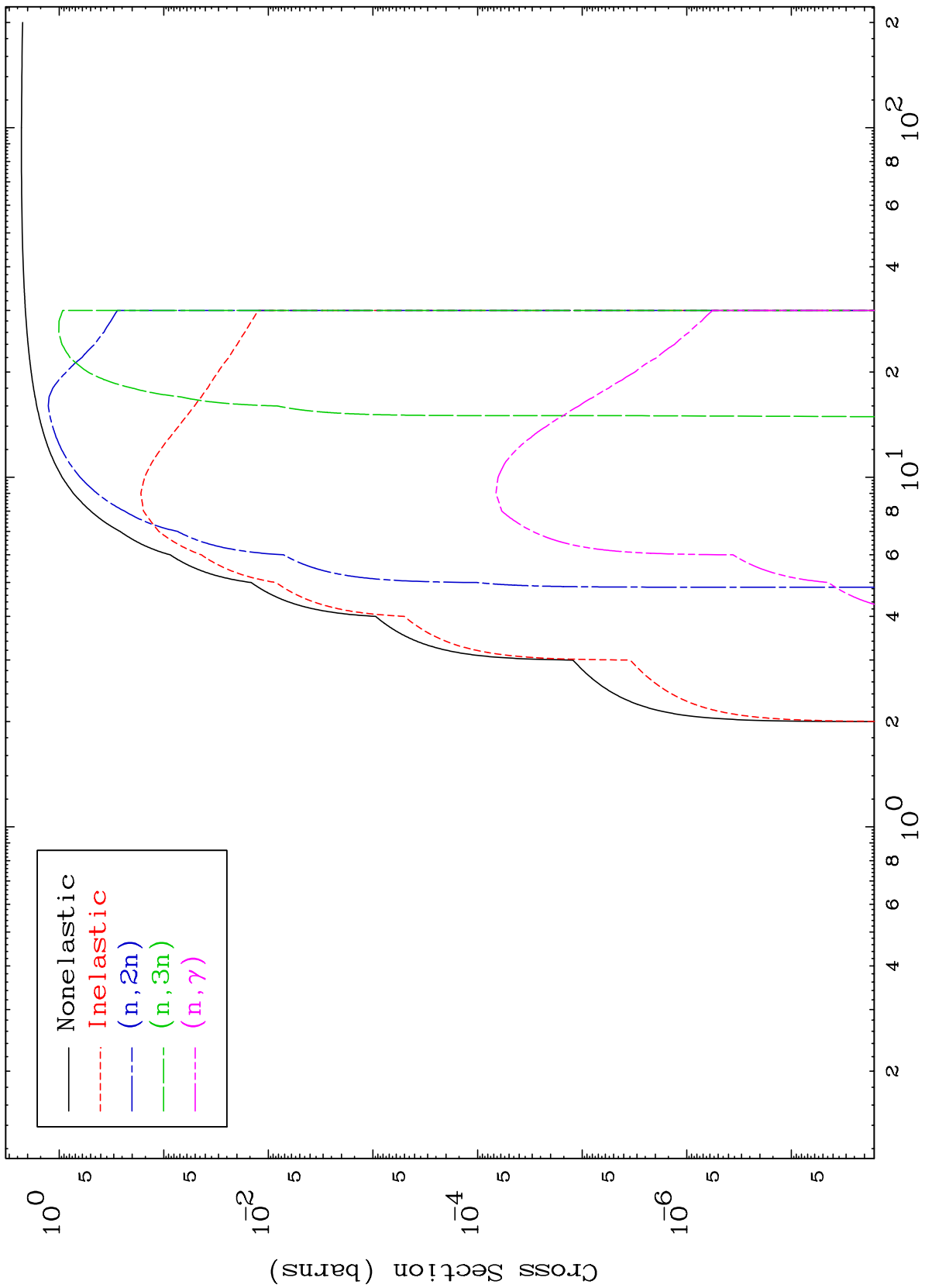
Press Mouse Button to Start

MAT 5040

Deuteron Major

50-Sn-117

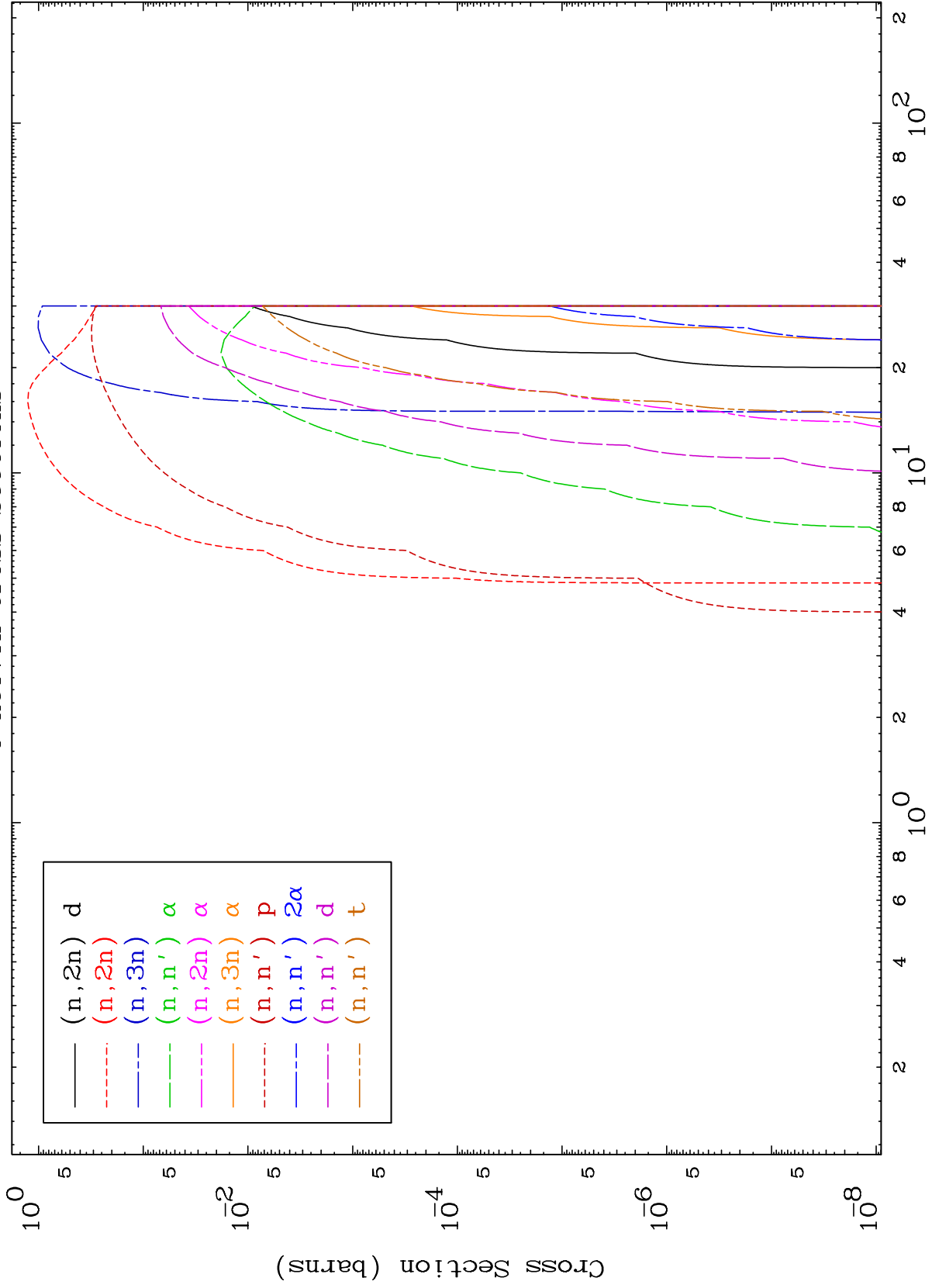
0 Kelvin Cross Sections



MAT 5040

Deuteron Neutron Absorption
0 Kelvin Cross Sections

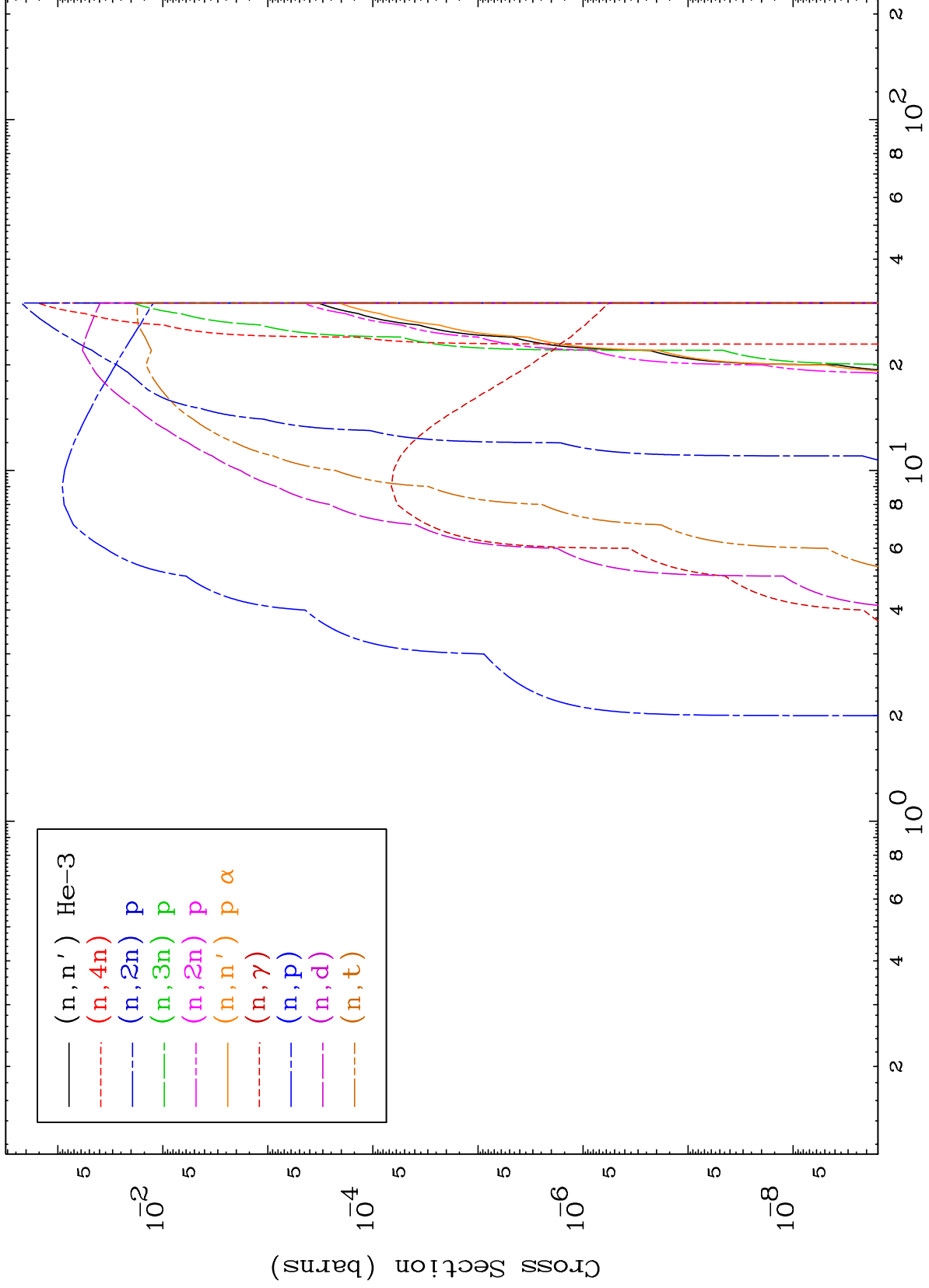
50-Sn-117



MAT 5040

Deuteron Neutron Absorption
0 Kelvin Cross Sections

50-Sn-117



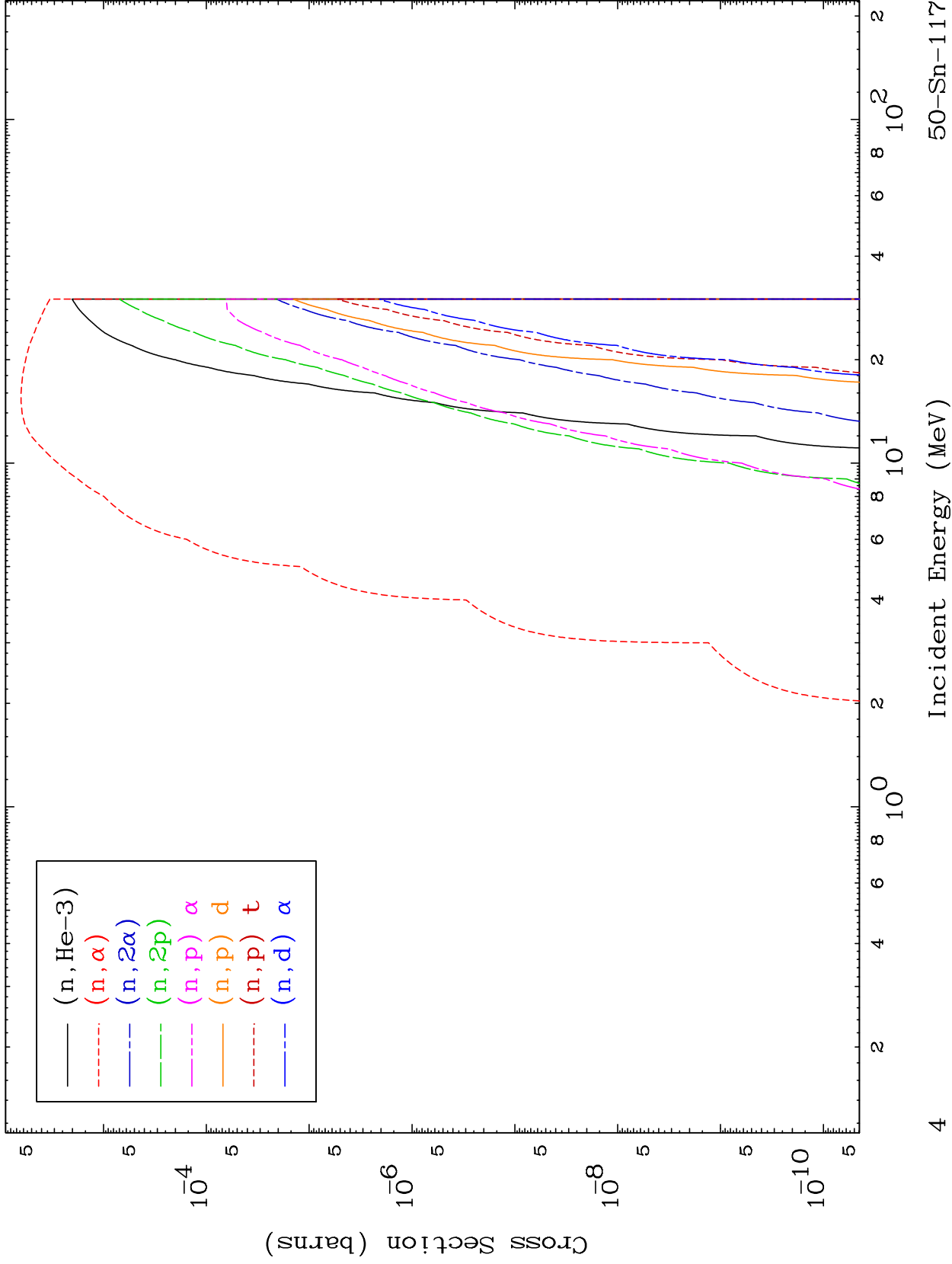
50-Sn-117

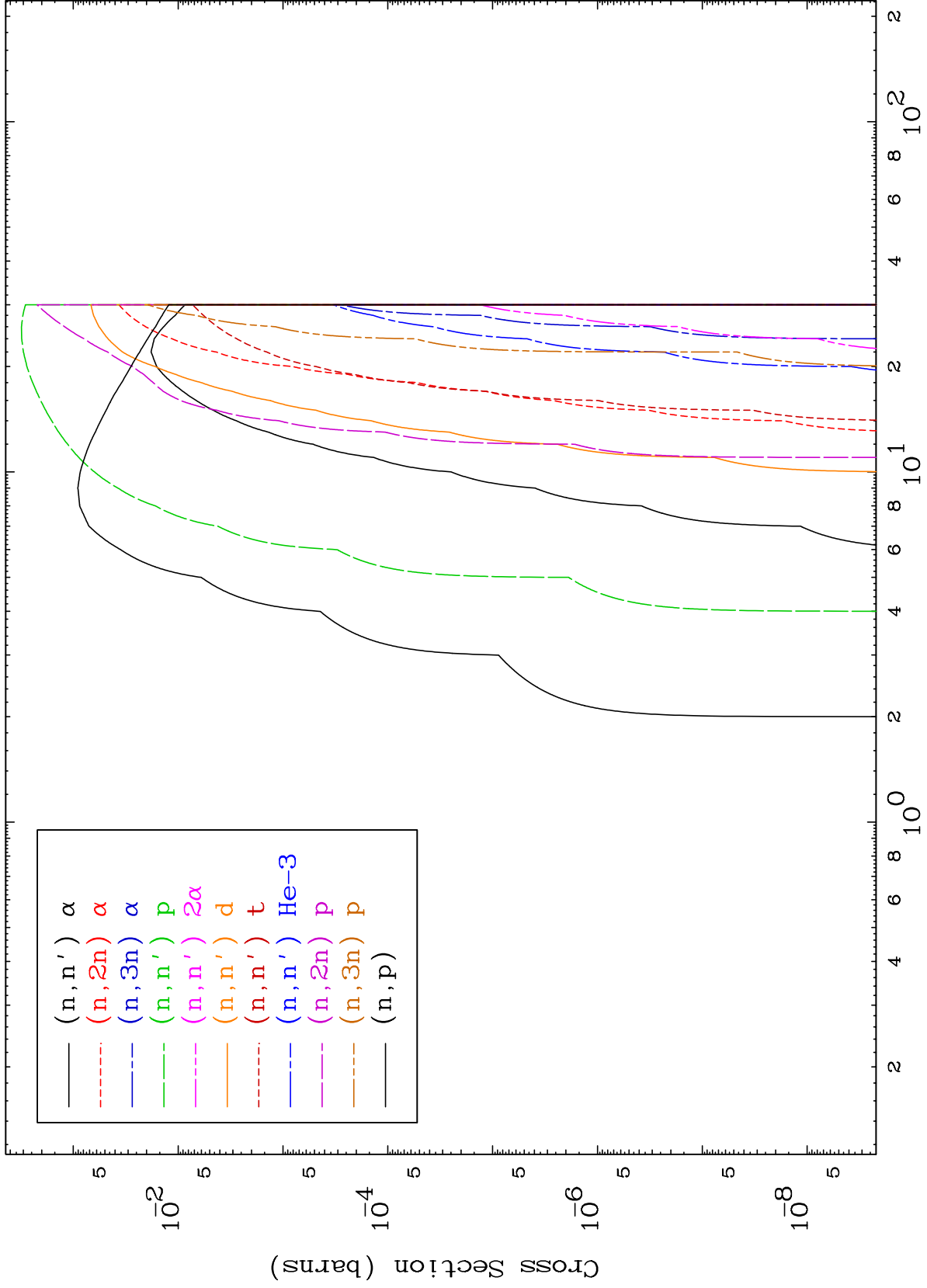
Incident Energy (MeV)

MAT 5040

Deuteron Neutron Absorption
0 Kelvin Cross Sections

50-Sn-117

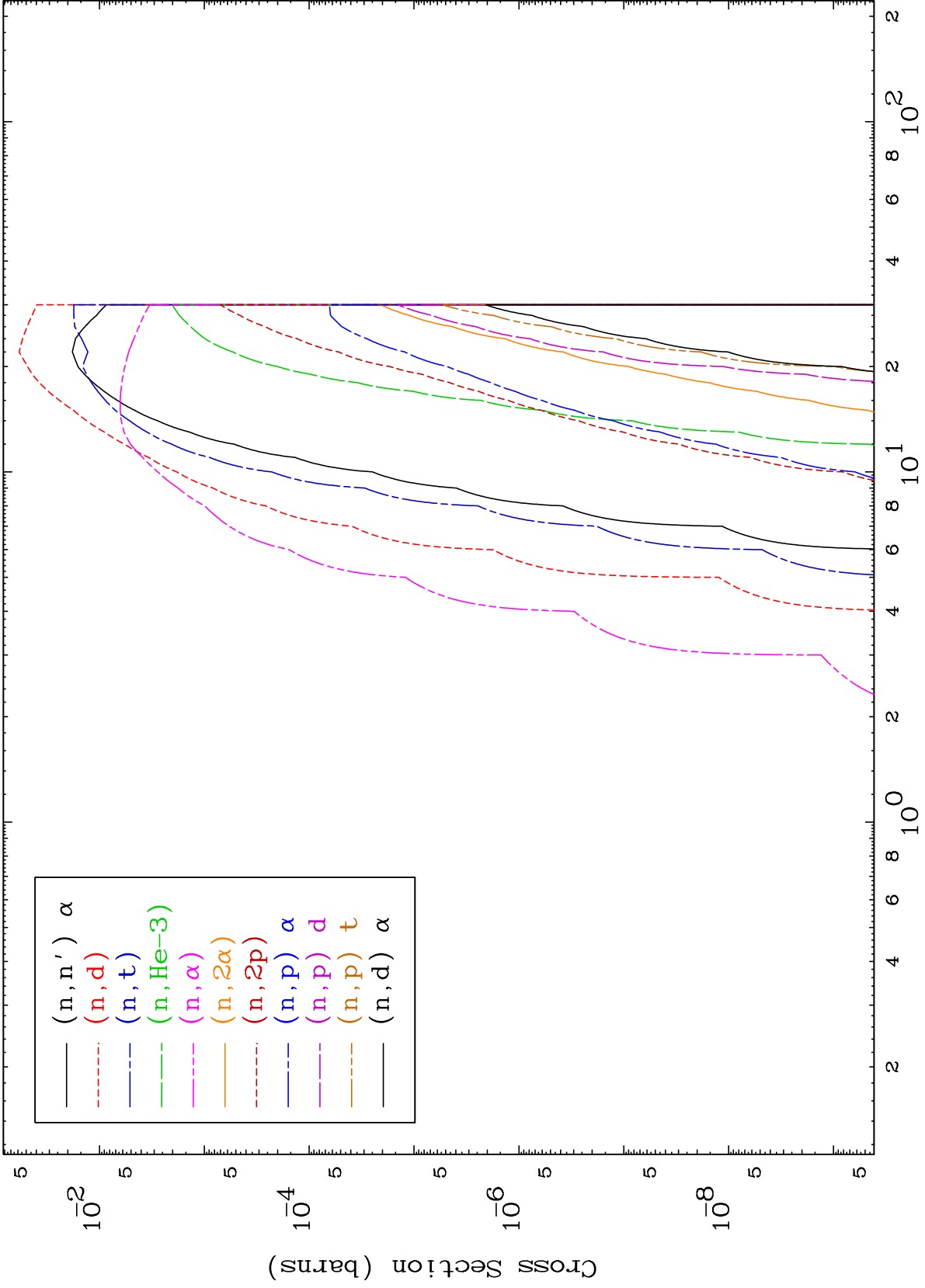




MAT 5040

Deuteron Charged Particle
0 Kelvin Cross Sections

50-Sn-117

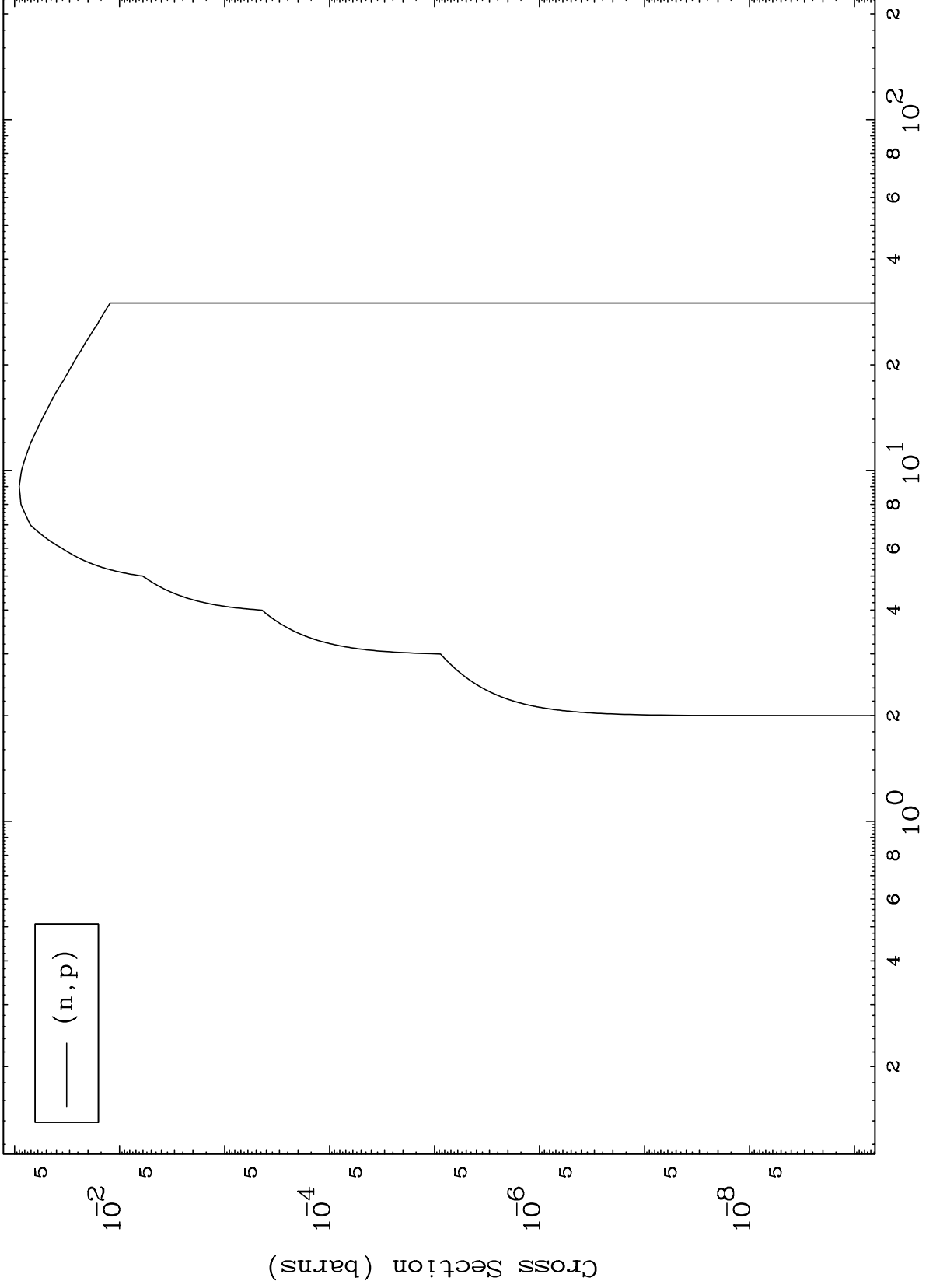


MAT 5040

(d,p) Levels

50-Sn-117

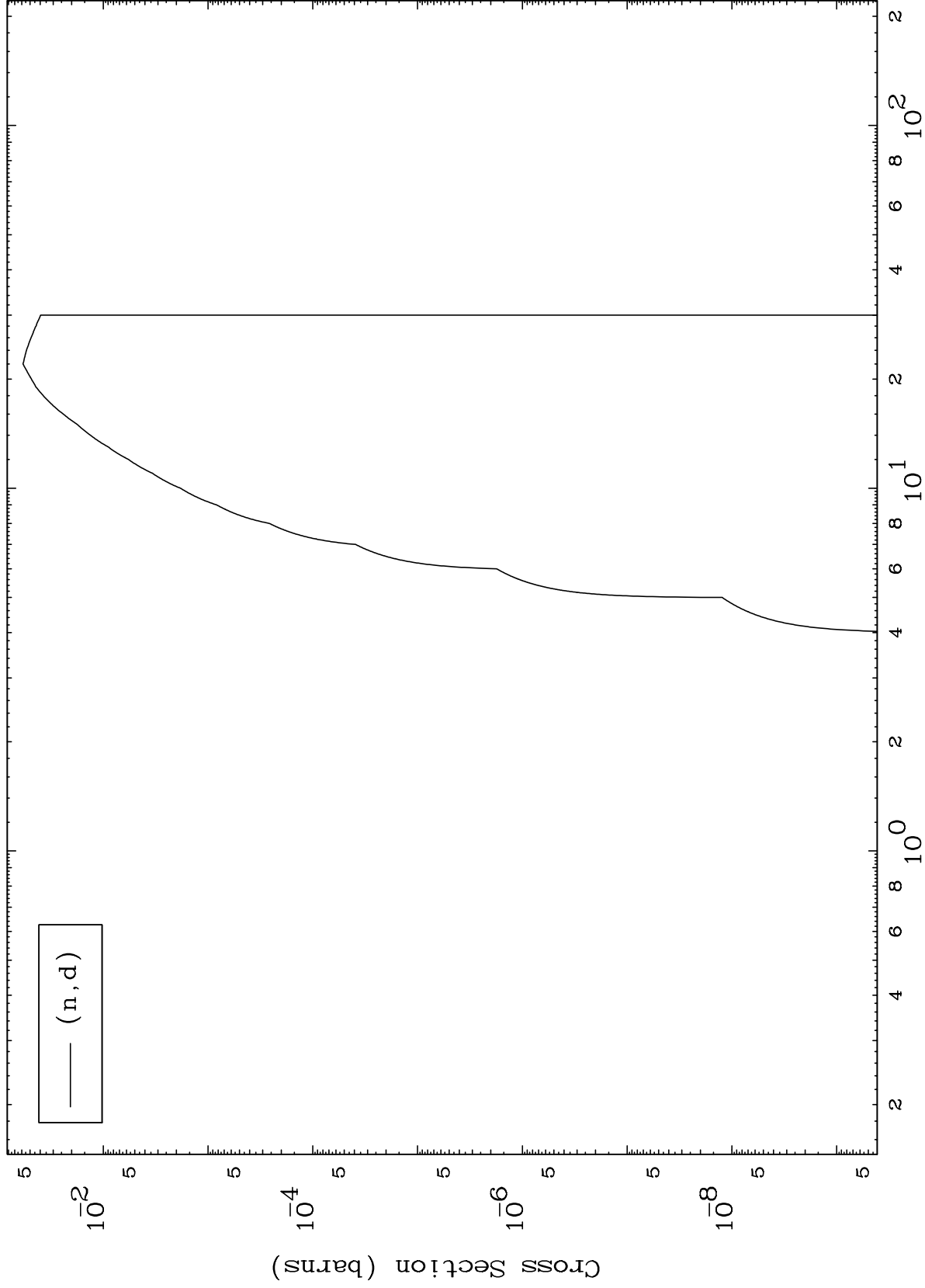
0 Kelvin Cross Sections



MAT 5040

50-Sn-117

(d,d) Levels
0 Kelvin Cross Sections



8

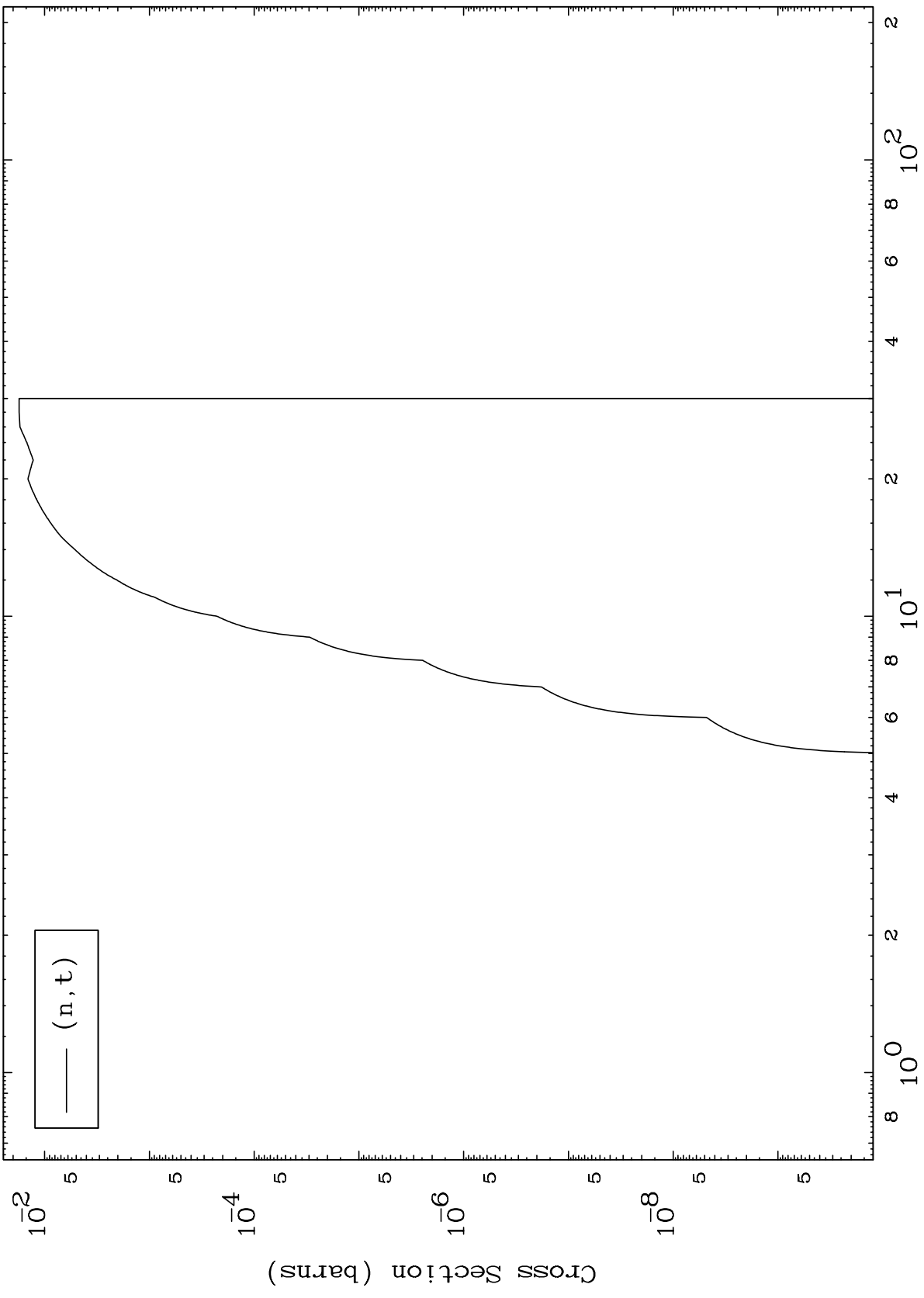
50-Sn-117

MAT 5040

(d,t) Levels

50-Sn-117

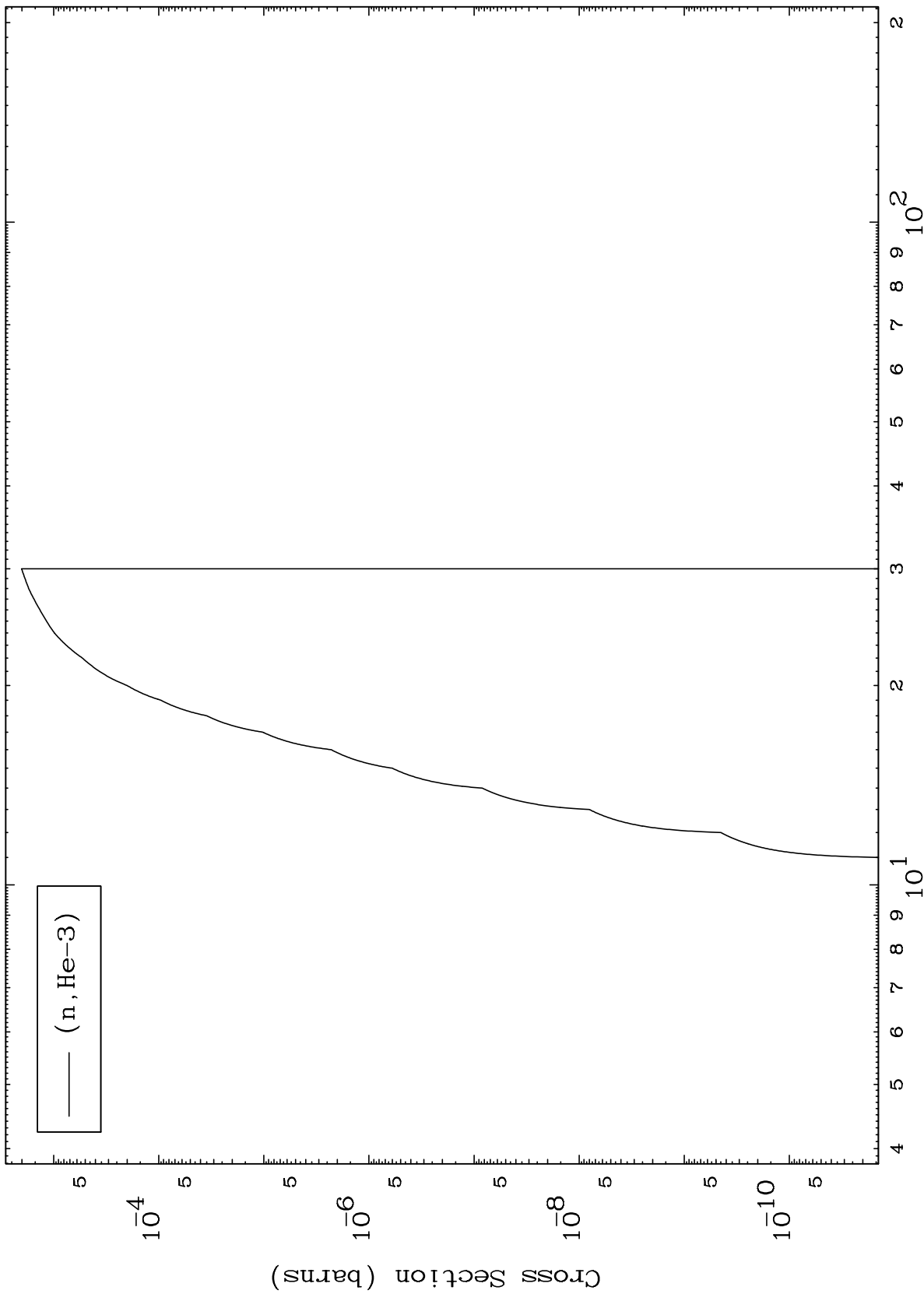
0 Kelvin Cross Sections



MAT 5040

50-Sn-117

(d,He3) Levels
0 Kelvin Cross Sections



50-Sn-117

Incident Energy (MeV)

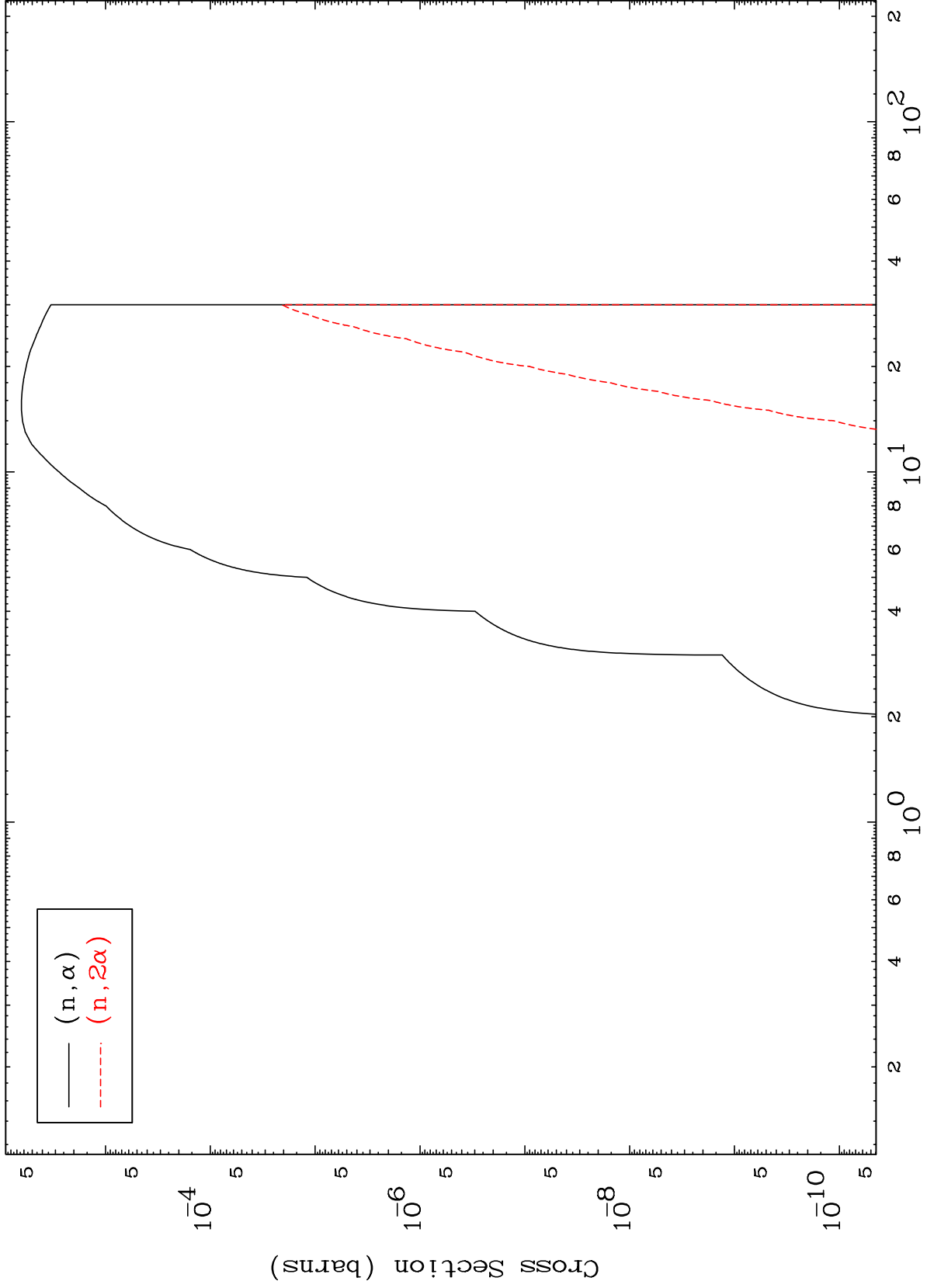
10

MAT 5040

(d, α) Levels

50-Sn-117

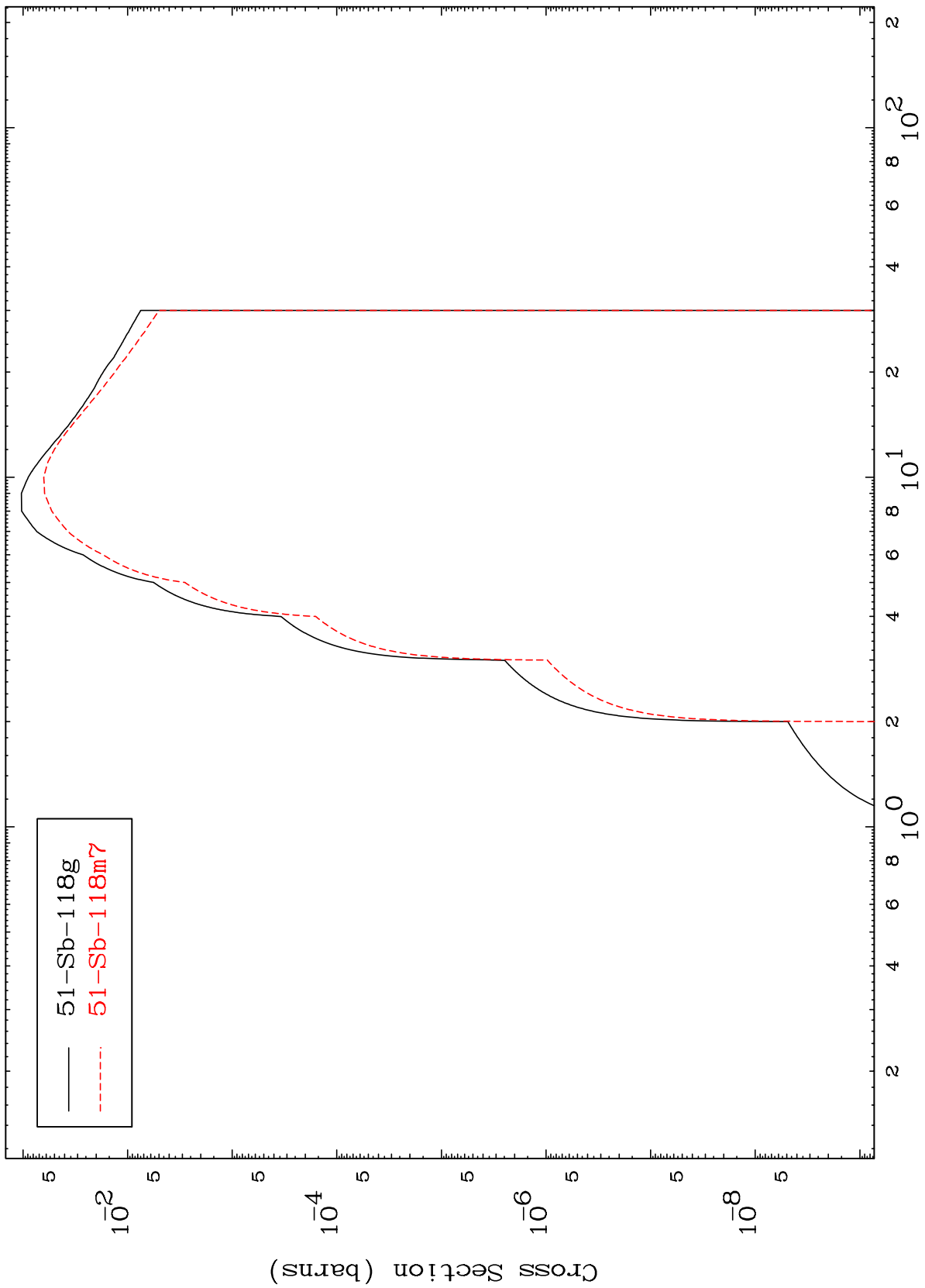
0 Kelvin Cross Sections



MAT 5040

50-Sn-117

Inelastic
Radionuclide Production Cross Section



50-Sn-117

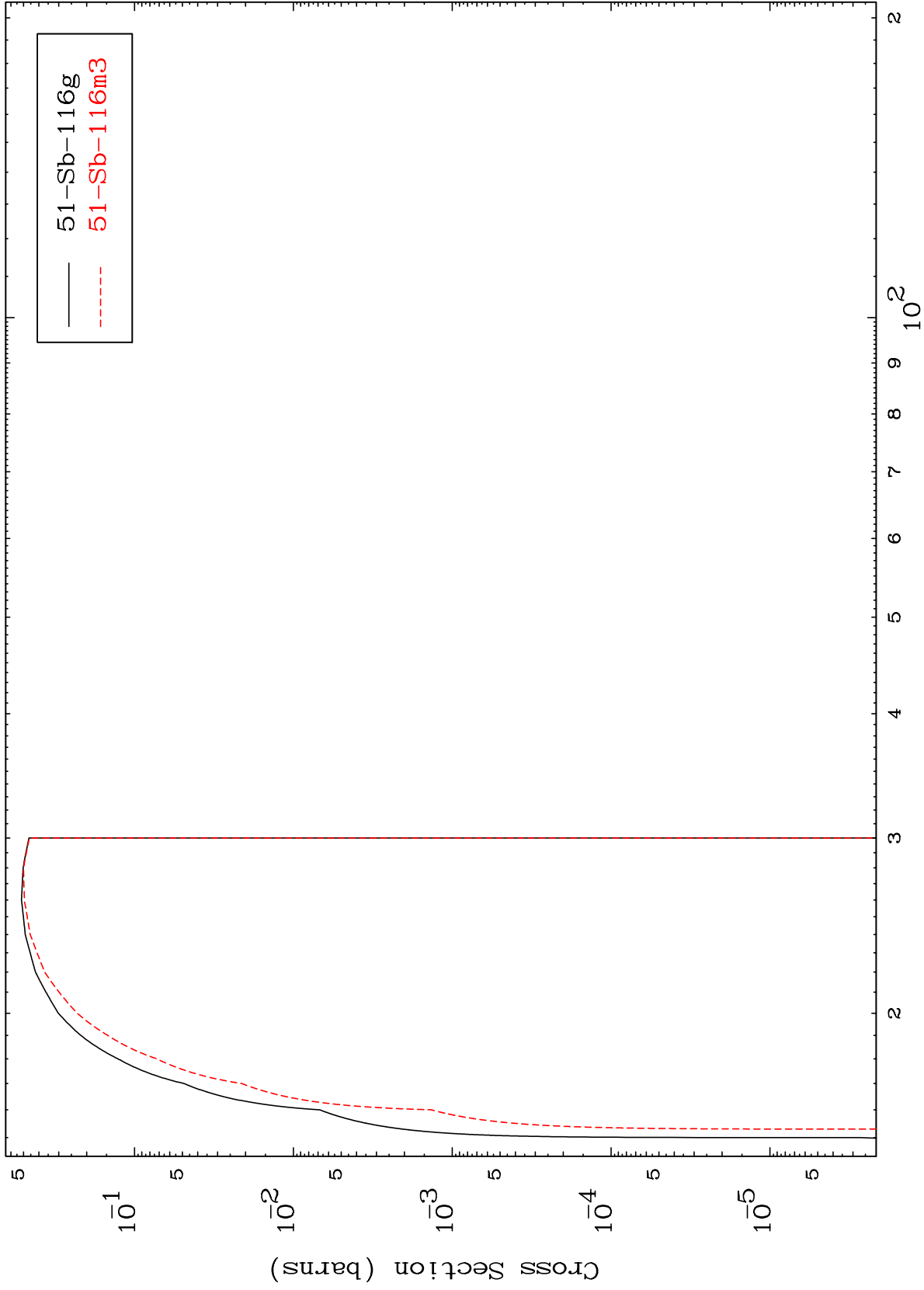
Incident Energy (MeV)

12

MAT 5040

50-Sn-117

(n,3n)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

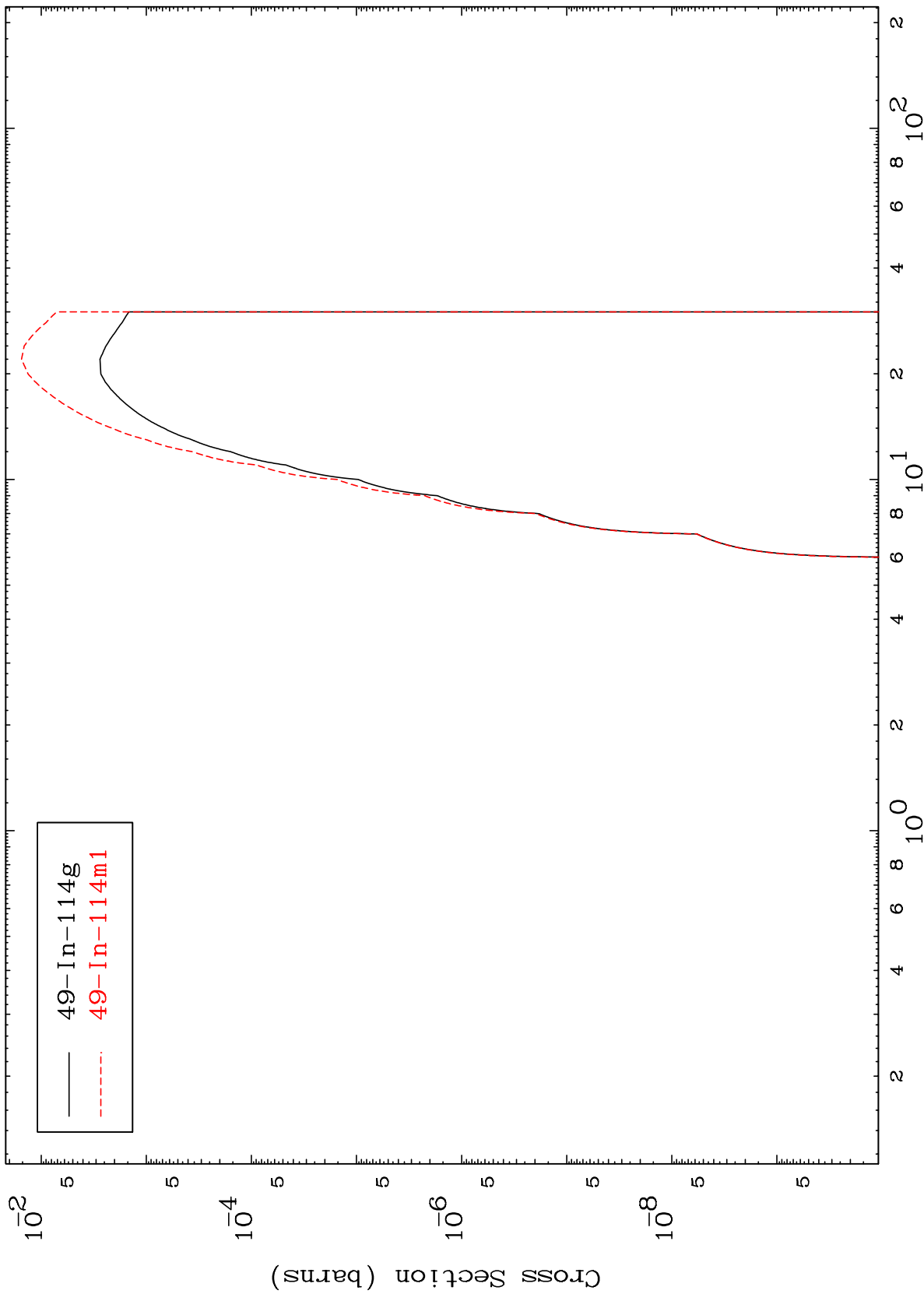
50-Sn-117

MAT 5040

$(n, n') \alpha$

50-Sn-117

Radionuclide Production Cross Section

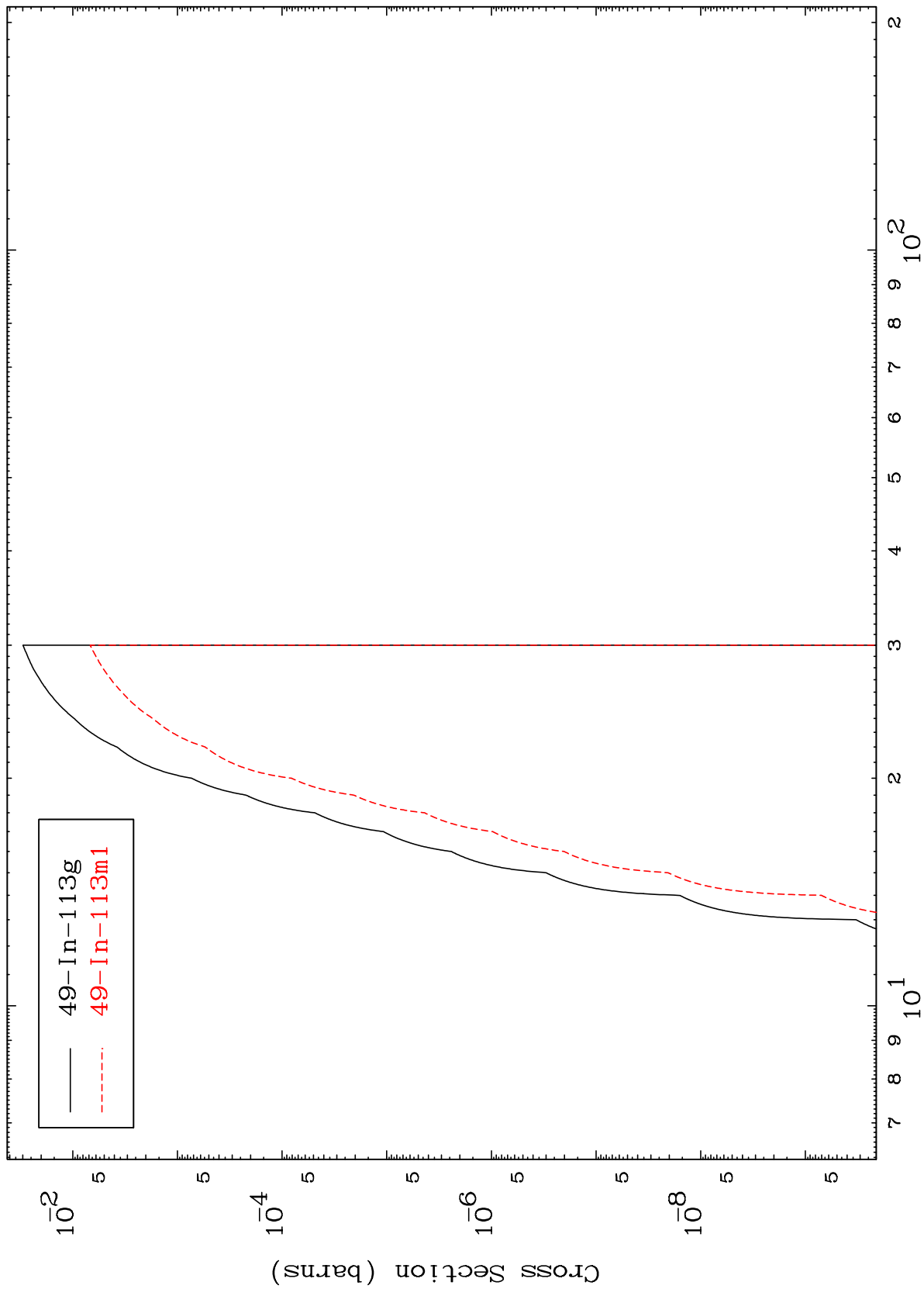


MAT 5040

50-Sn-117

(n,2n) α

Radionuclide Production Cross Section



15

Incident Energy (MeV)

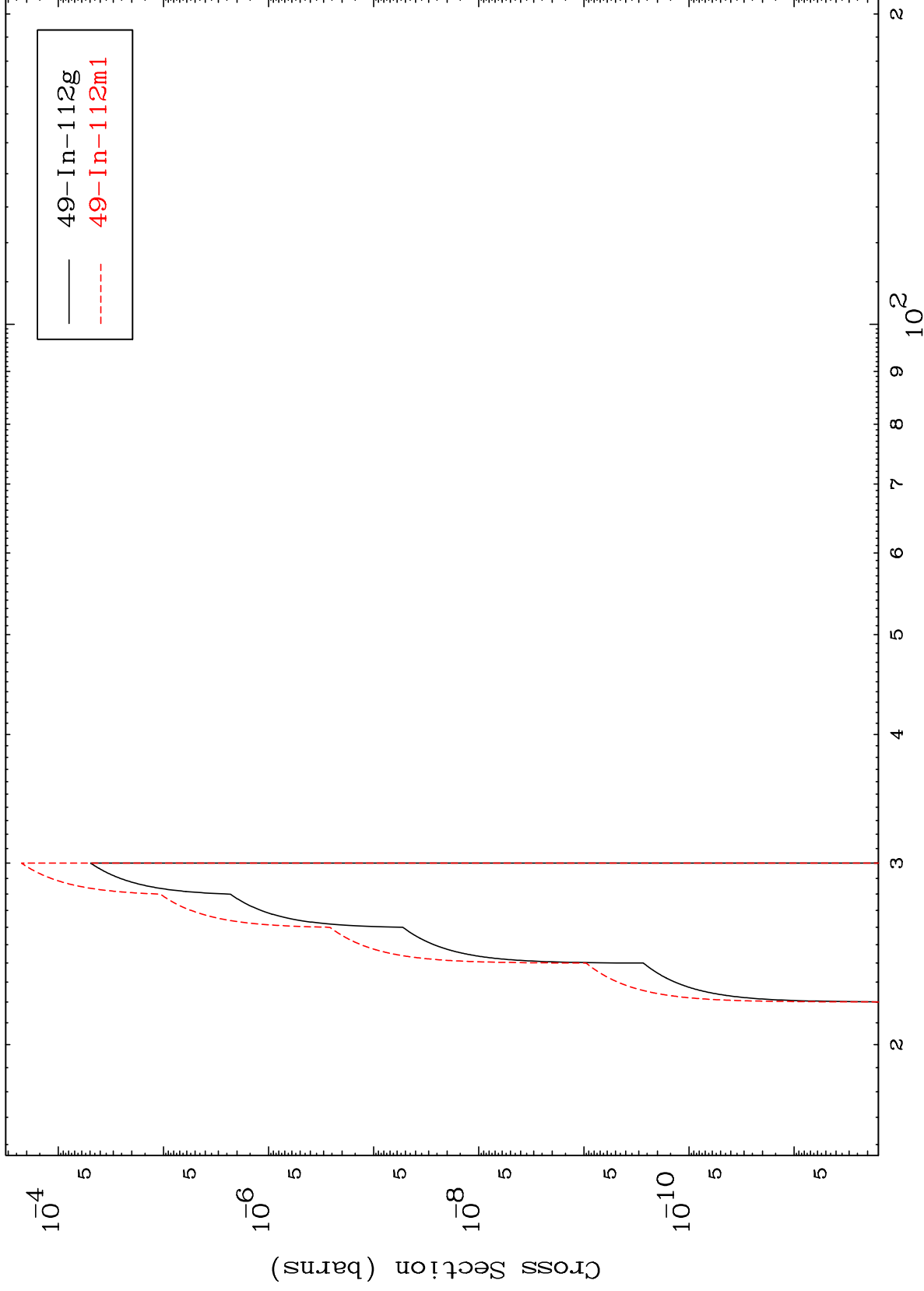
50-Sn-117

MAT 5040

(n,3n) α

50-Sn-117

Radionuclide Production Cross Section



16

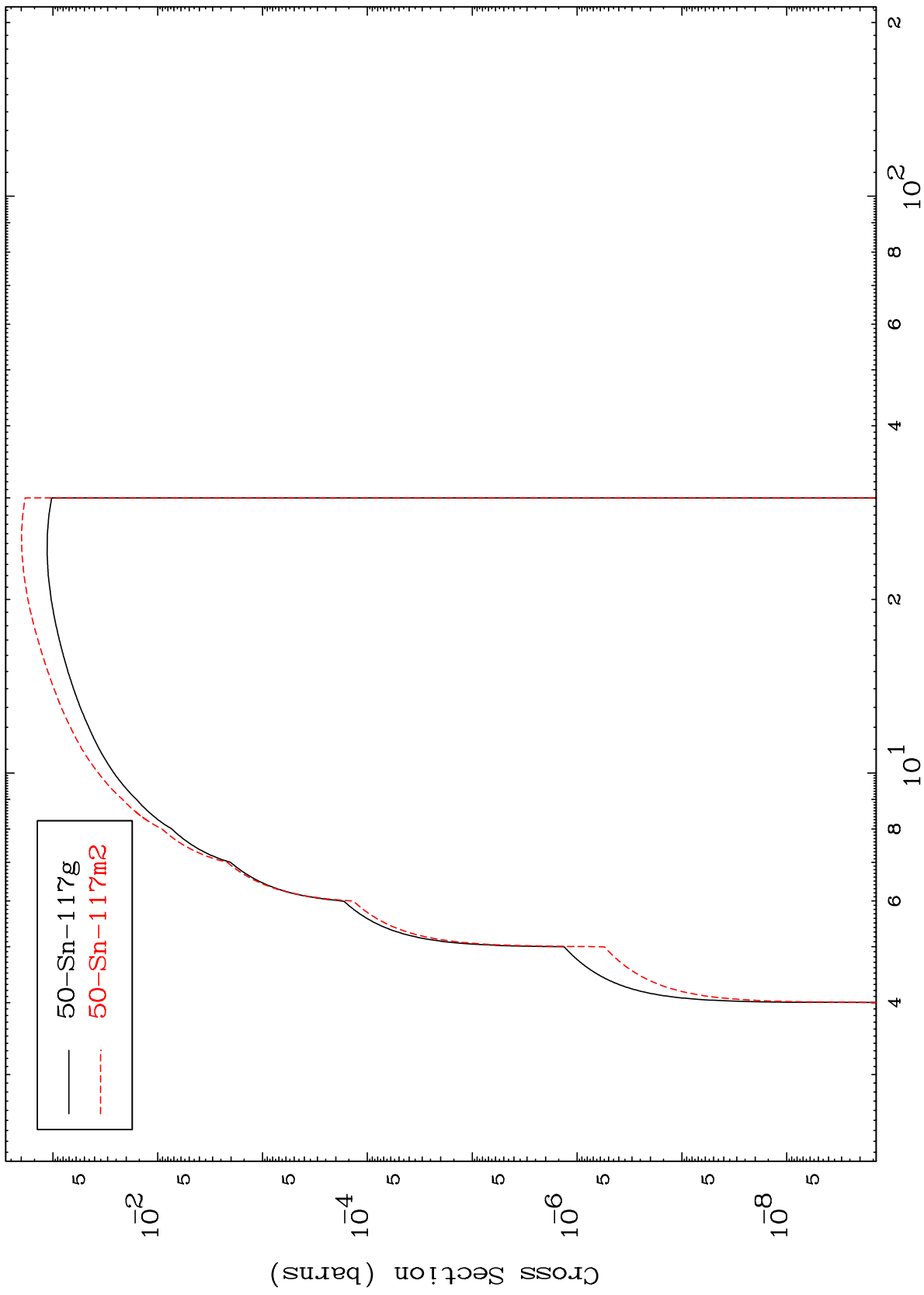
Incident Energy (MeV)

50-Sn-117

MAT 5040

50-Sn-117

Radionuclide Production Cross Section



17

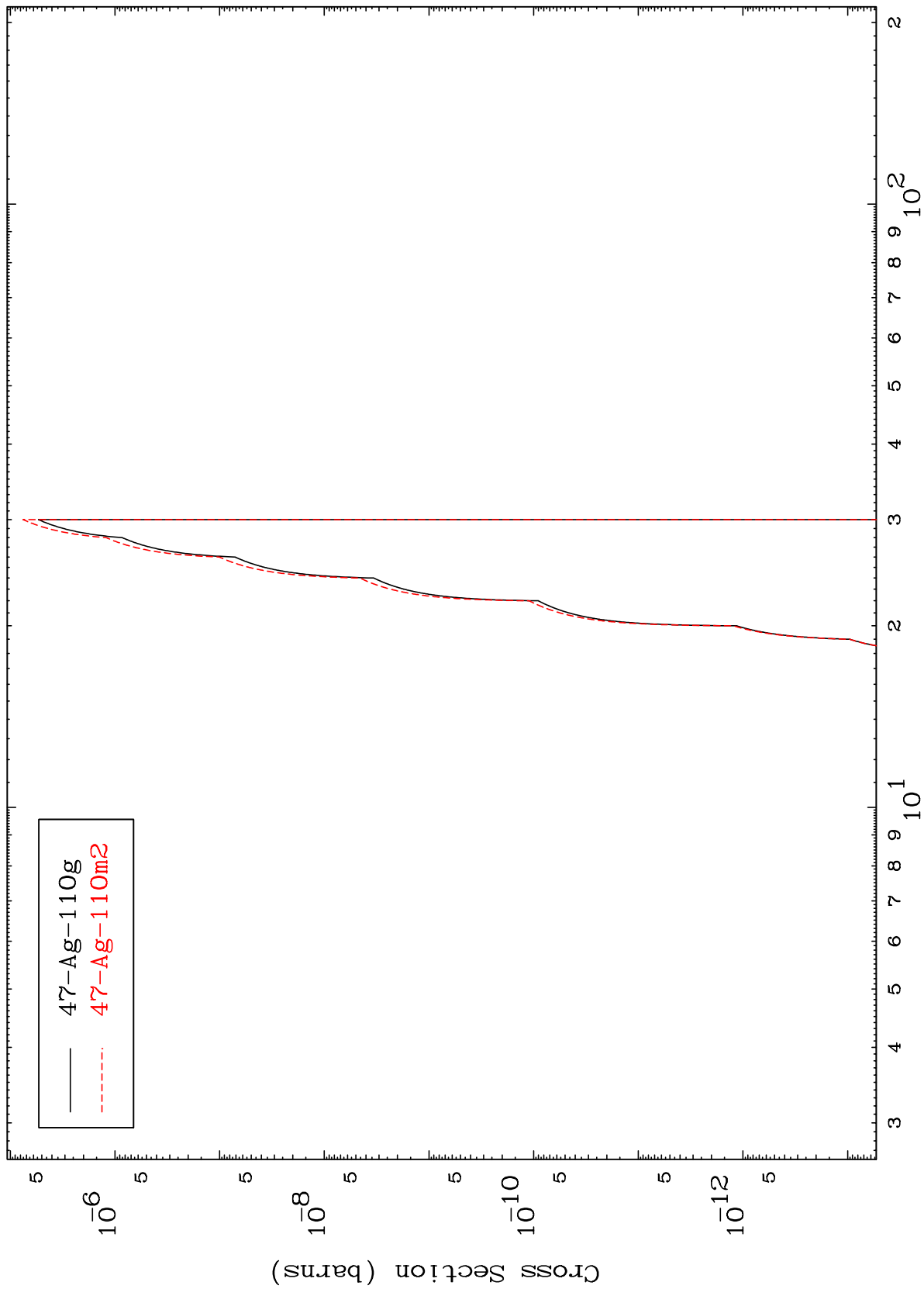
Incident Energy (MeV)

50-Sn-117

MAT 5040

50-Sn-117

(n,n') 2α
Radionuclide Production Cross Section



50-Sn-117

Incident Energy (MeV)

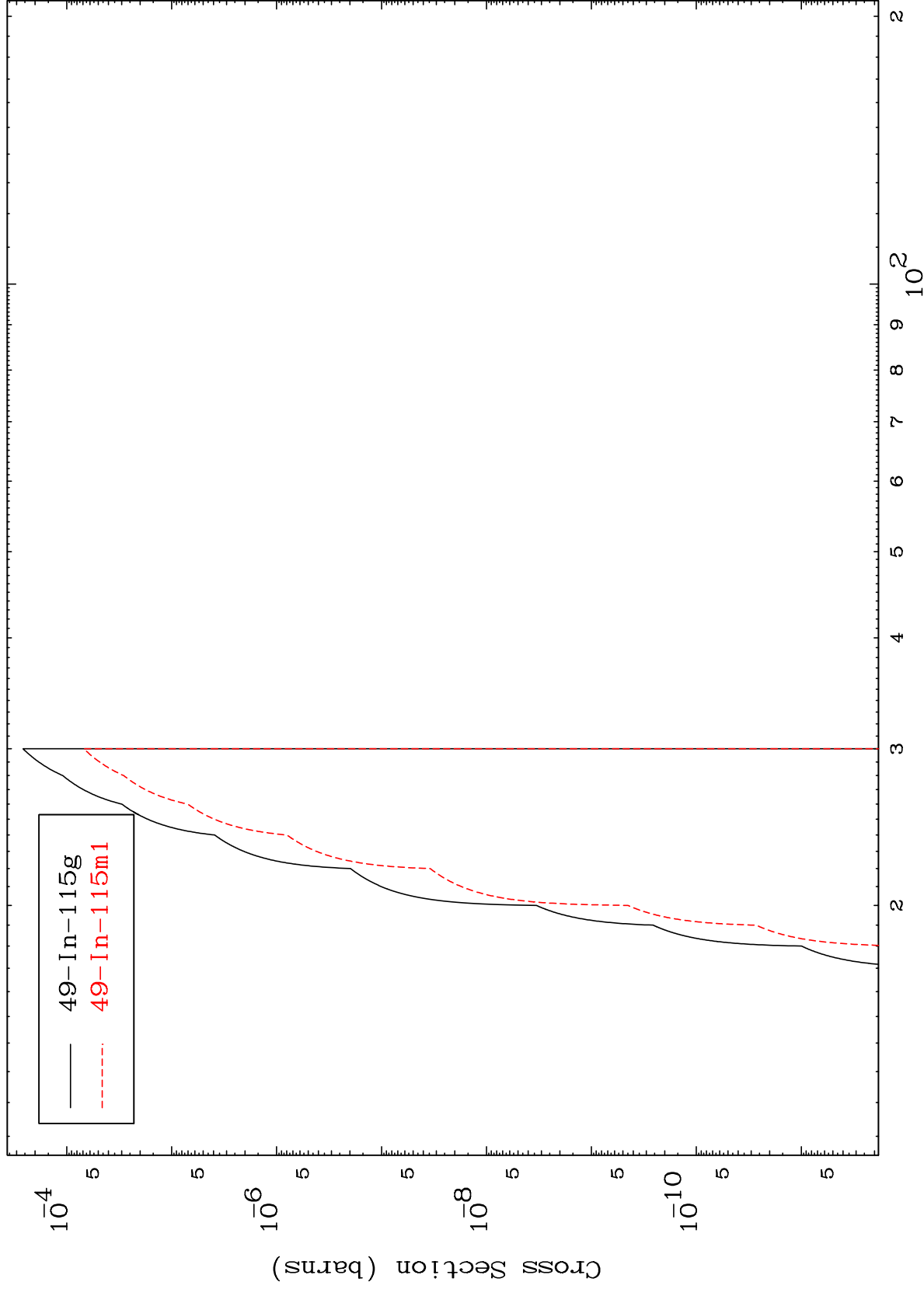
18

MAT 5040

(n,n') He-3

50-Sn-117

Radionuclide Production Cross Section



19

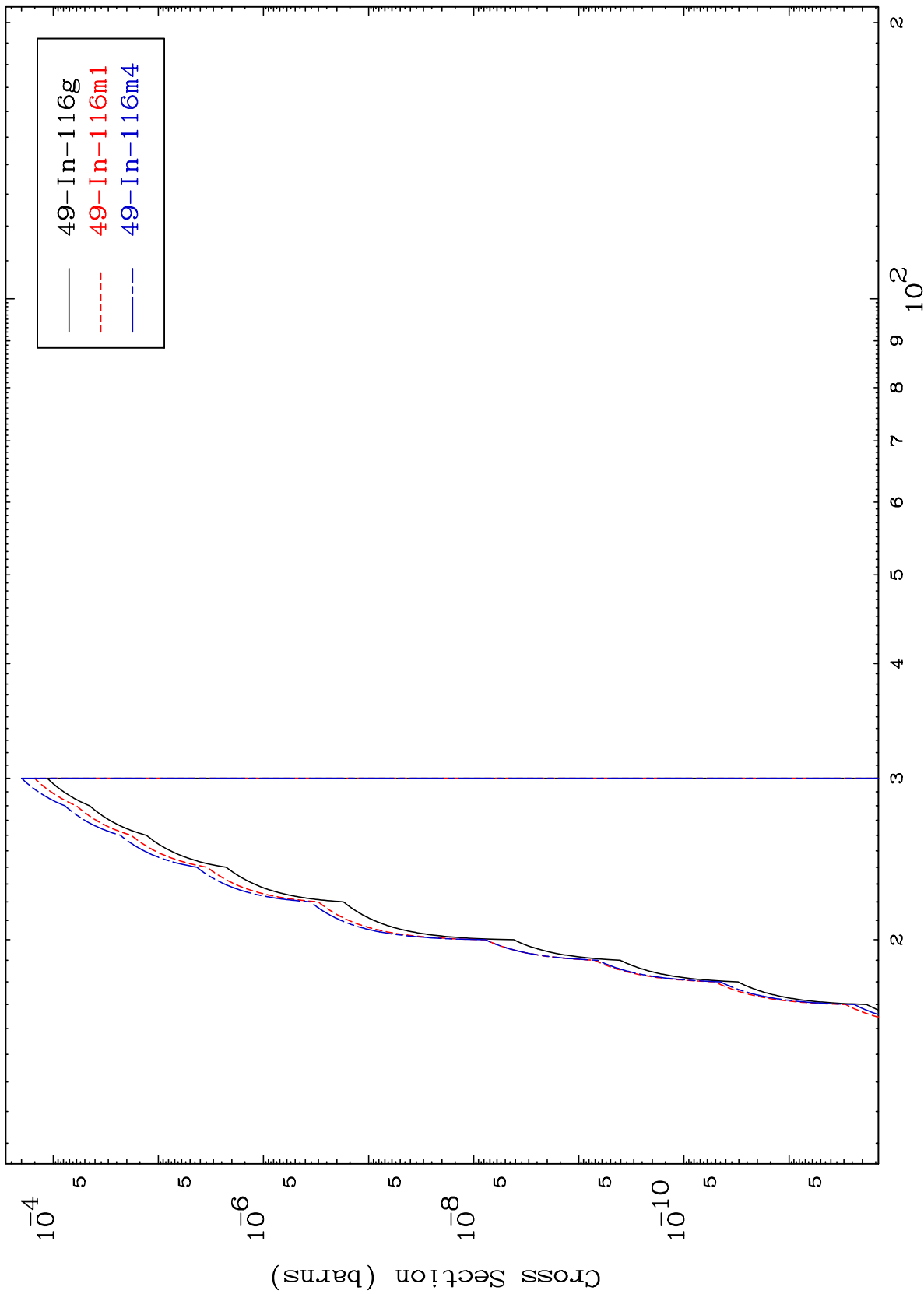
Incident Energy (MeV)

50-Sn-117

MAT 5040

50-Sn-117

(n,2n) p
Radionuclide Production Cross Section



50-Sn-117

Incident Energy (MeV)

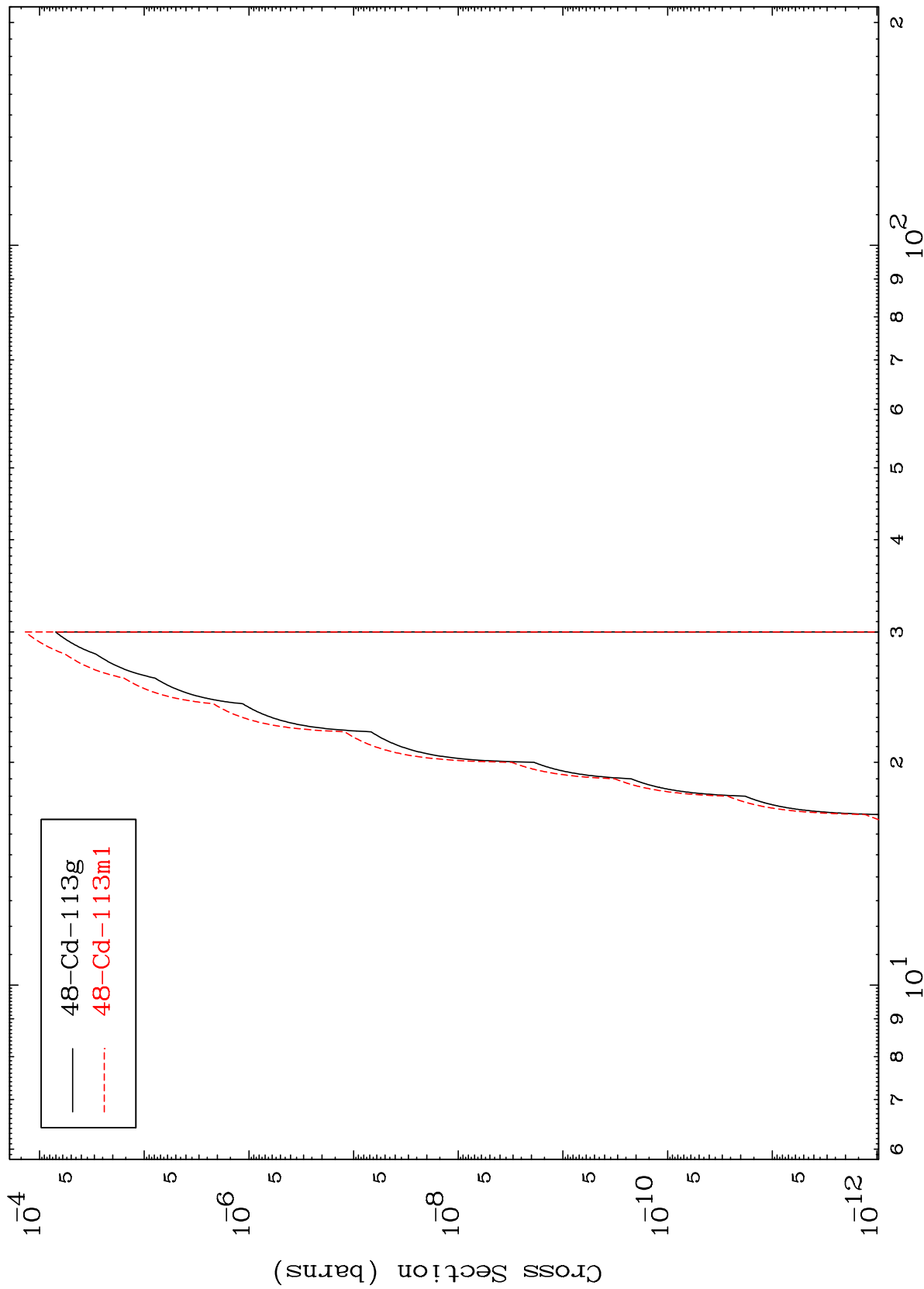
20

MAT 5040

(n,n') p α

50-Sn-117

Radionuclide Production Cross Section



48-Cd-113g
48-Cd-113m1

Incident Energy (MeV)

50-Sn-117

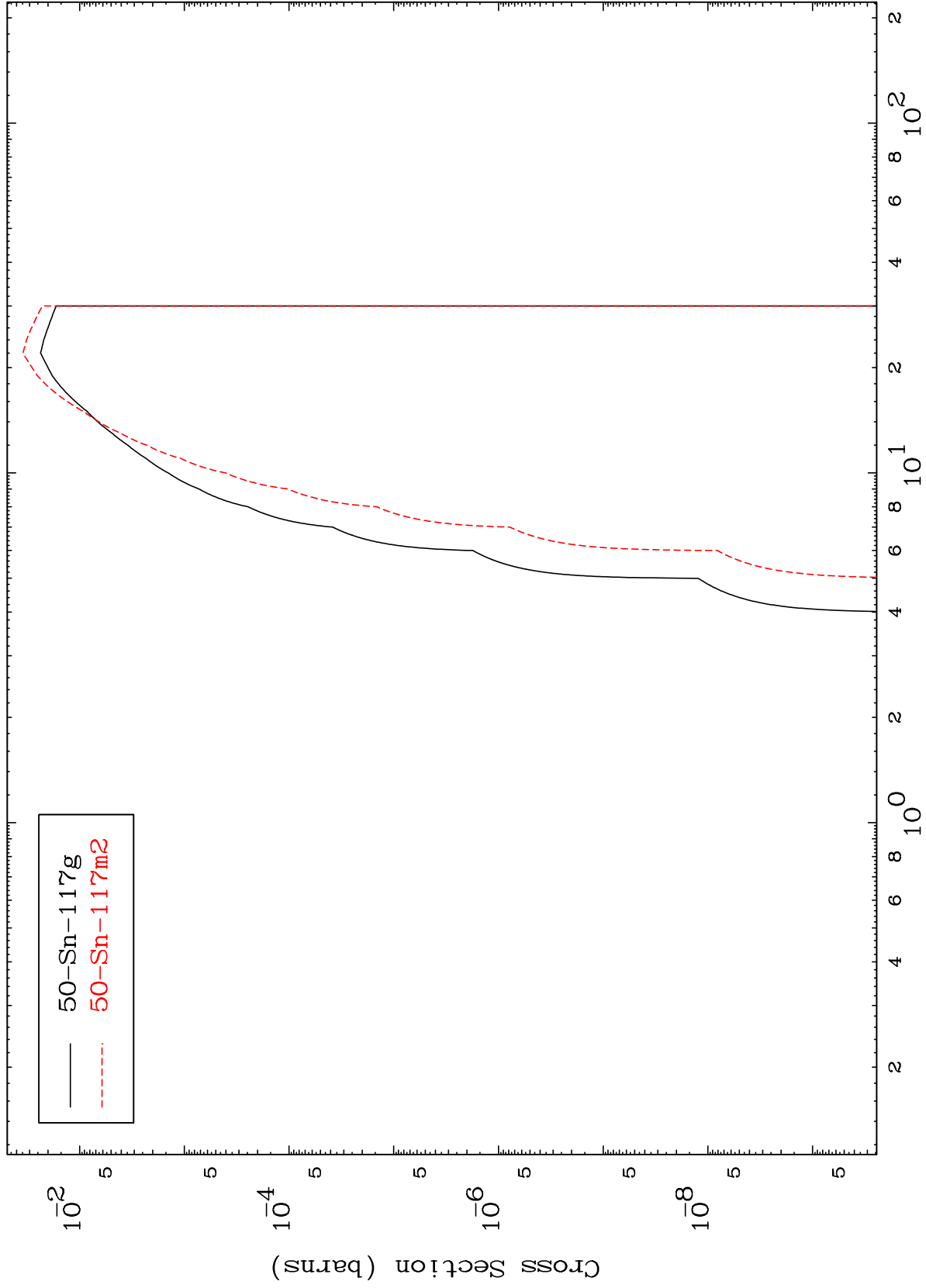
21

MAT 5040

(n, d)

50-Sn-117

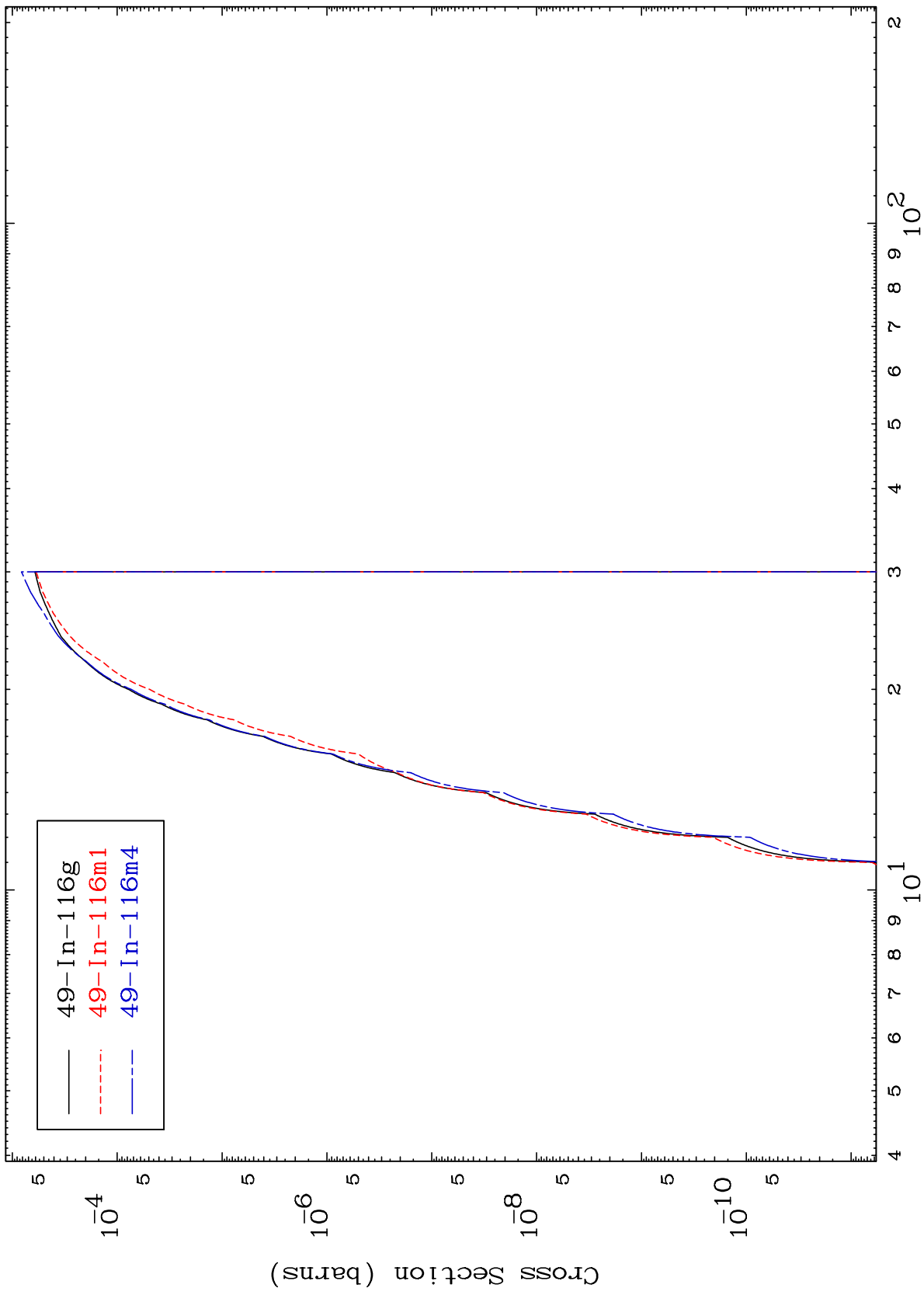
Radionuclide Production Cross Section



MAT 5040

50-Sn-117

Radionuclide Production Cross Section
(n,He-3)



50-Sn-117

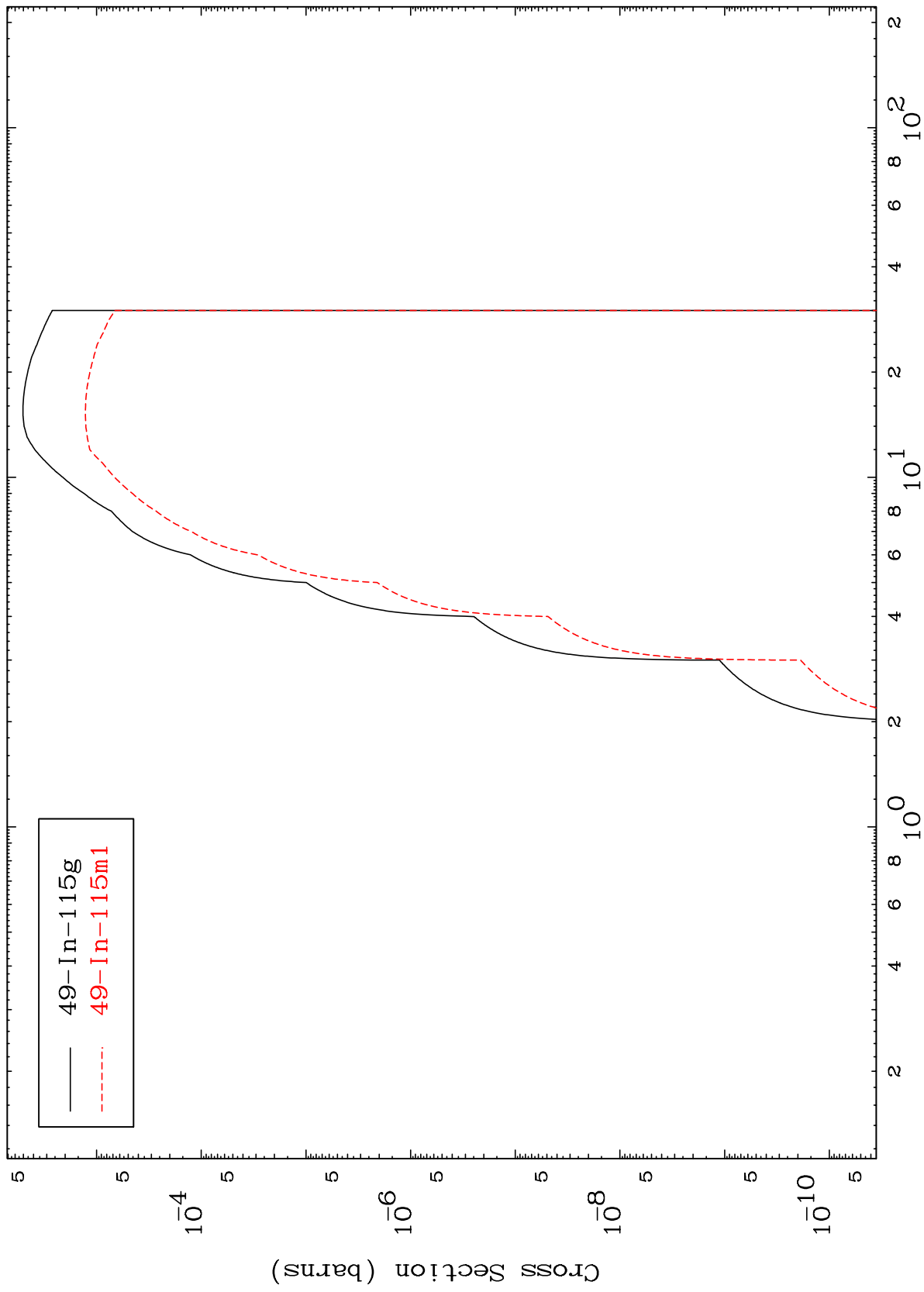
Incident Energy (MeV)

23

MAT 5040

50-Sn-117

(n, α)
Radionuclide Production Cross Section



24

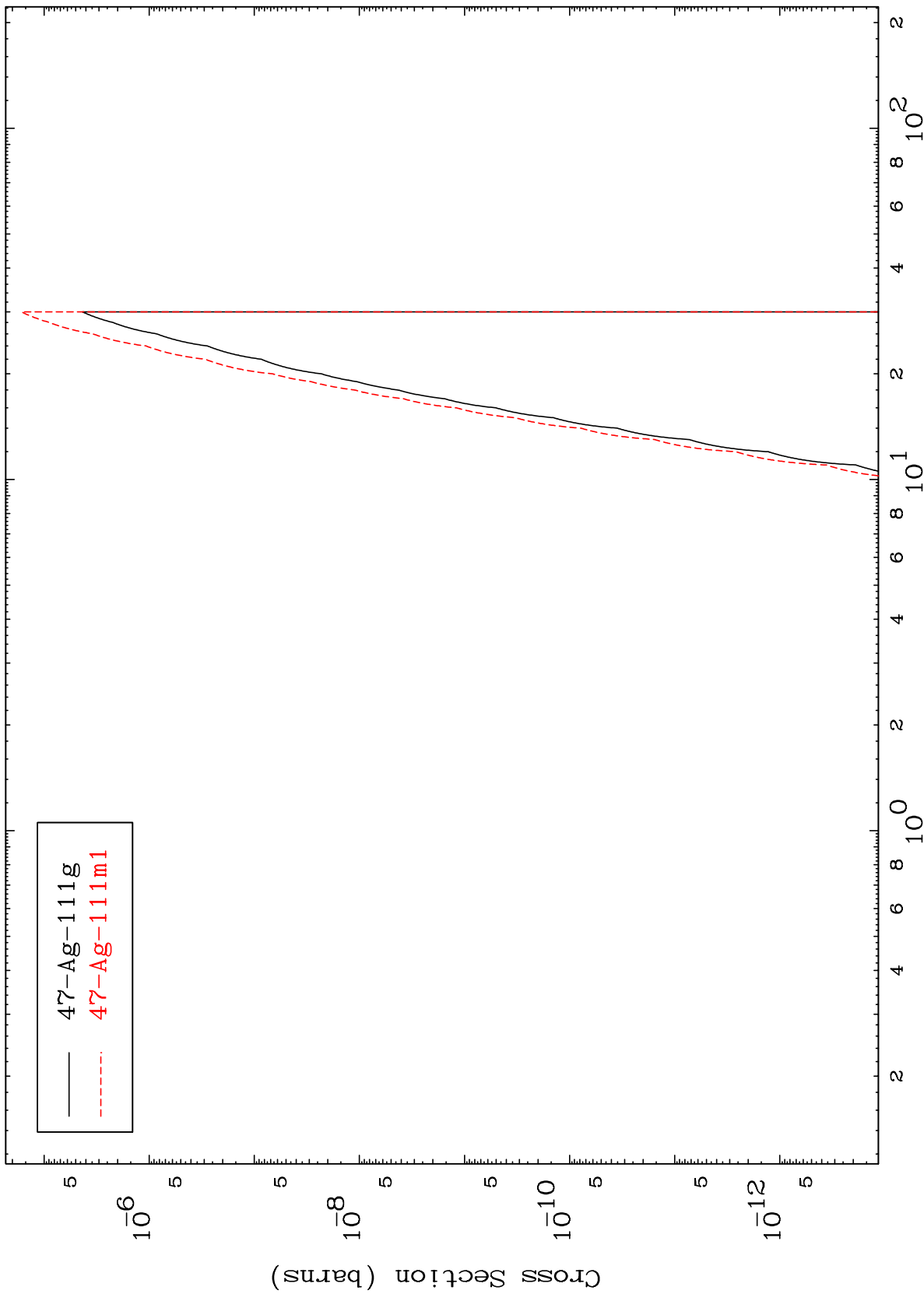
Incident Energy (MeV)

50-Sn-117

MAT 5040

50-Sn-117

Radionuclide Production Cross Section
(n,2 α)



— 47-Ag-111g
- - - 47-Ag-111m1

50-Sn-117

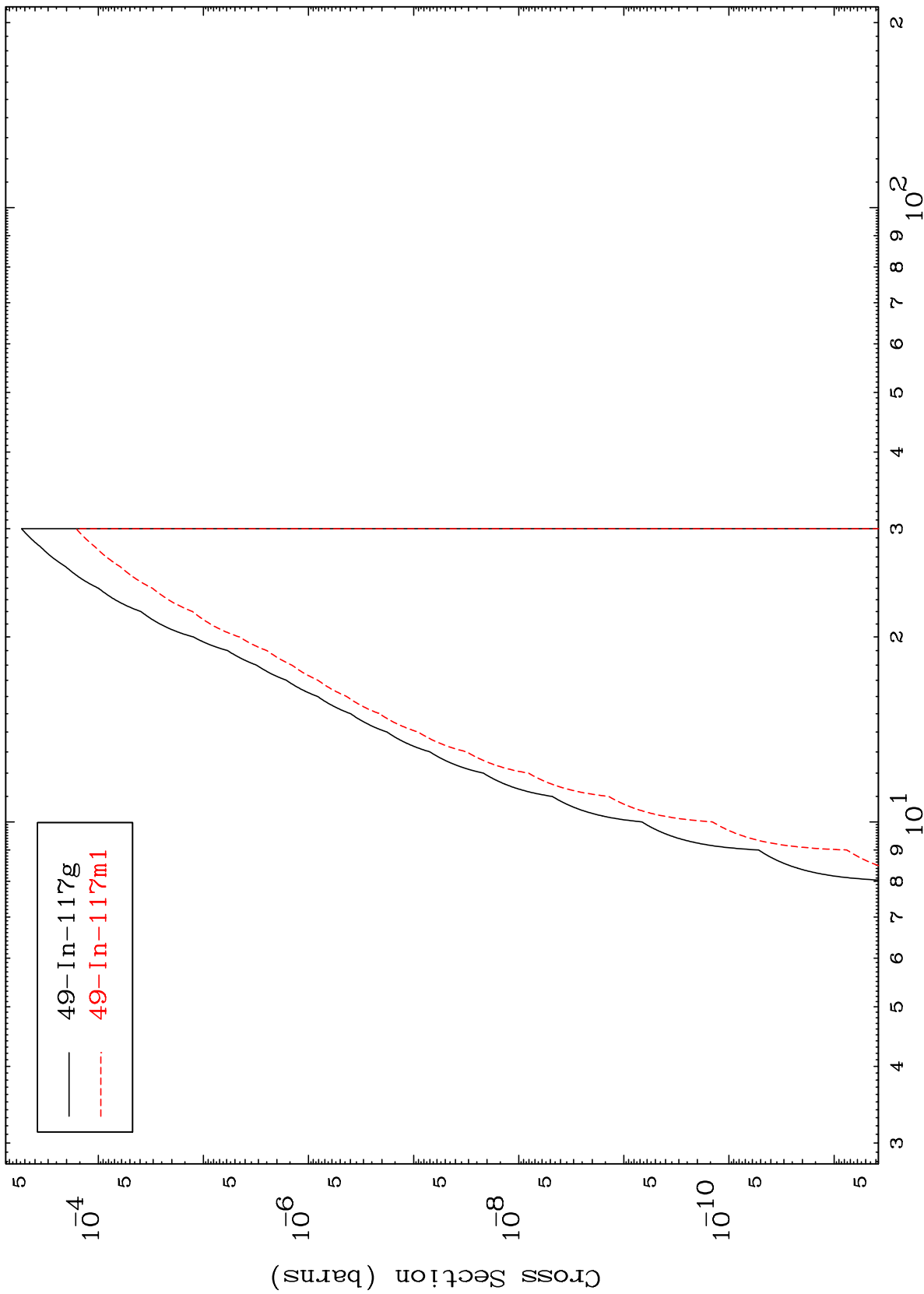
Incident Energy (MeV)

25

MAT 5040

50-Sn-117

(n,2p)
Radionuclide Production Cross Section



50-Sn-117

Incident Energy (MeV)

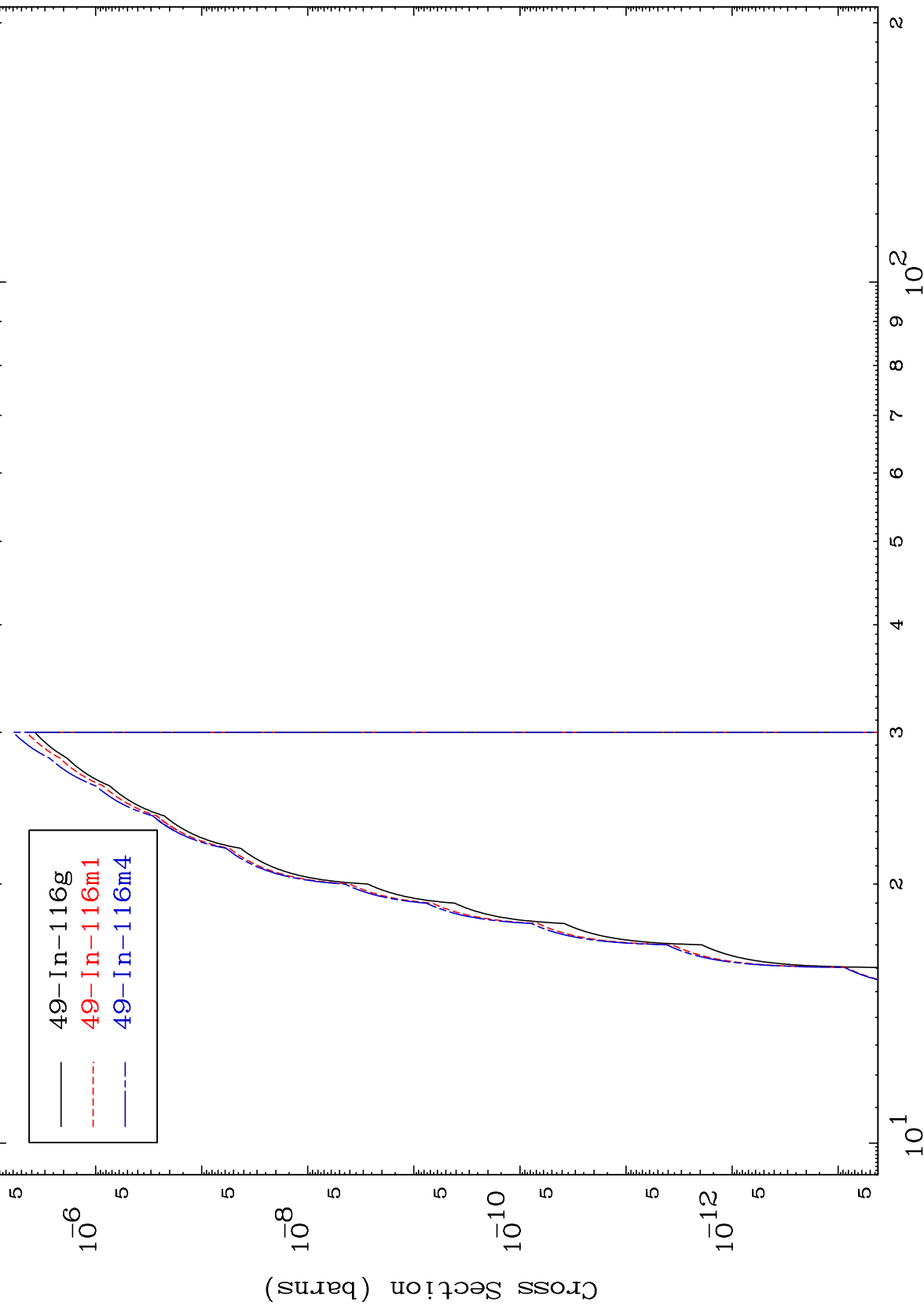
26

MAT 5040

(n,p) d

50-Sn-117

Radionuclide Production Cross Section



27

Incident Energy (MeV)

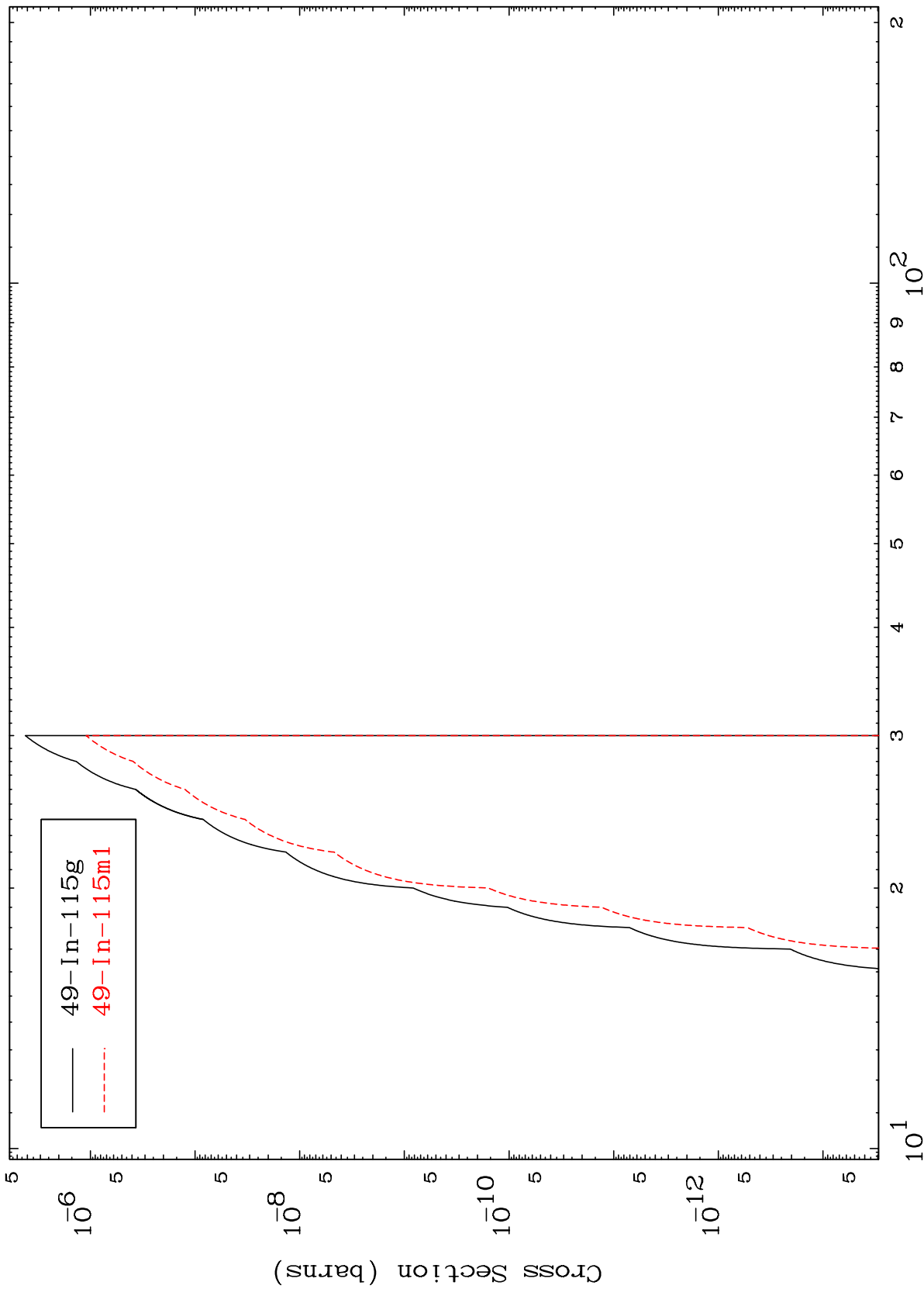
50-Sn-117

MAT 5040

(n,p) t

50-Sn-117

Radionuclide Production Cross Section



— 49-In-115g
- - - 49-In-115m1

Incident Energy (MeV)

50-Sn-117

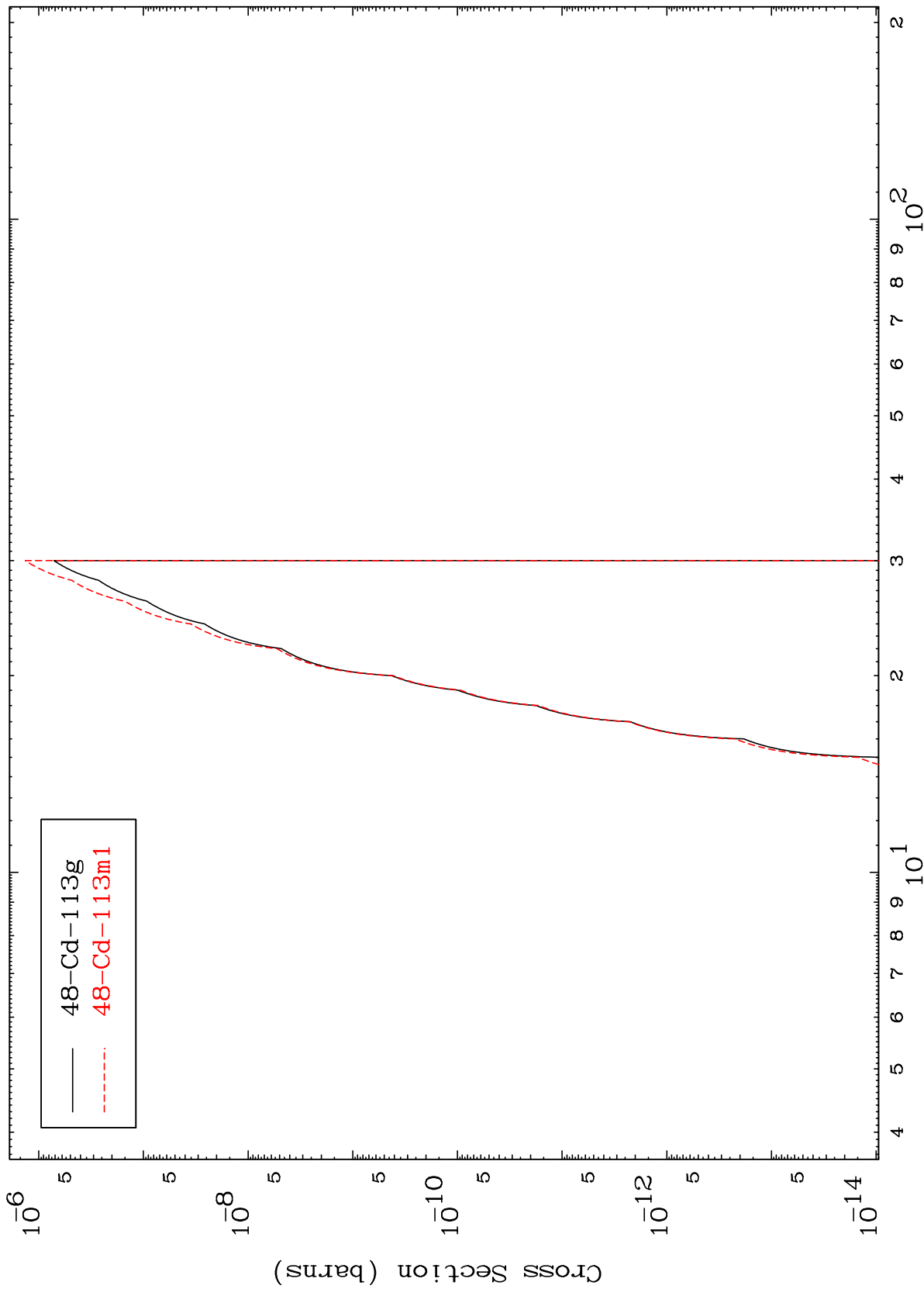
28

MAT 5040

50-Sn-117

(n,d) α

Radionuclide Production Cross Section



— 48-Cd-113g
- - - 48-Cd-113m1

50-Sn-117

Incident Energy (MeV)

29