

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

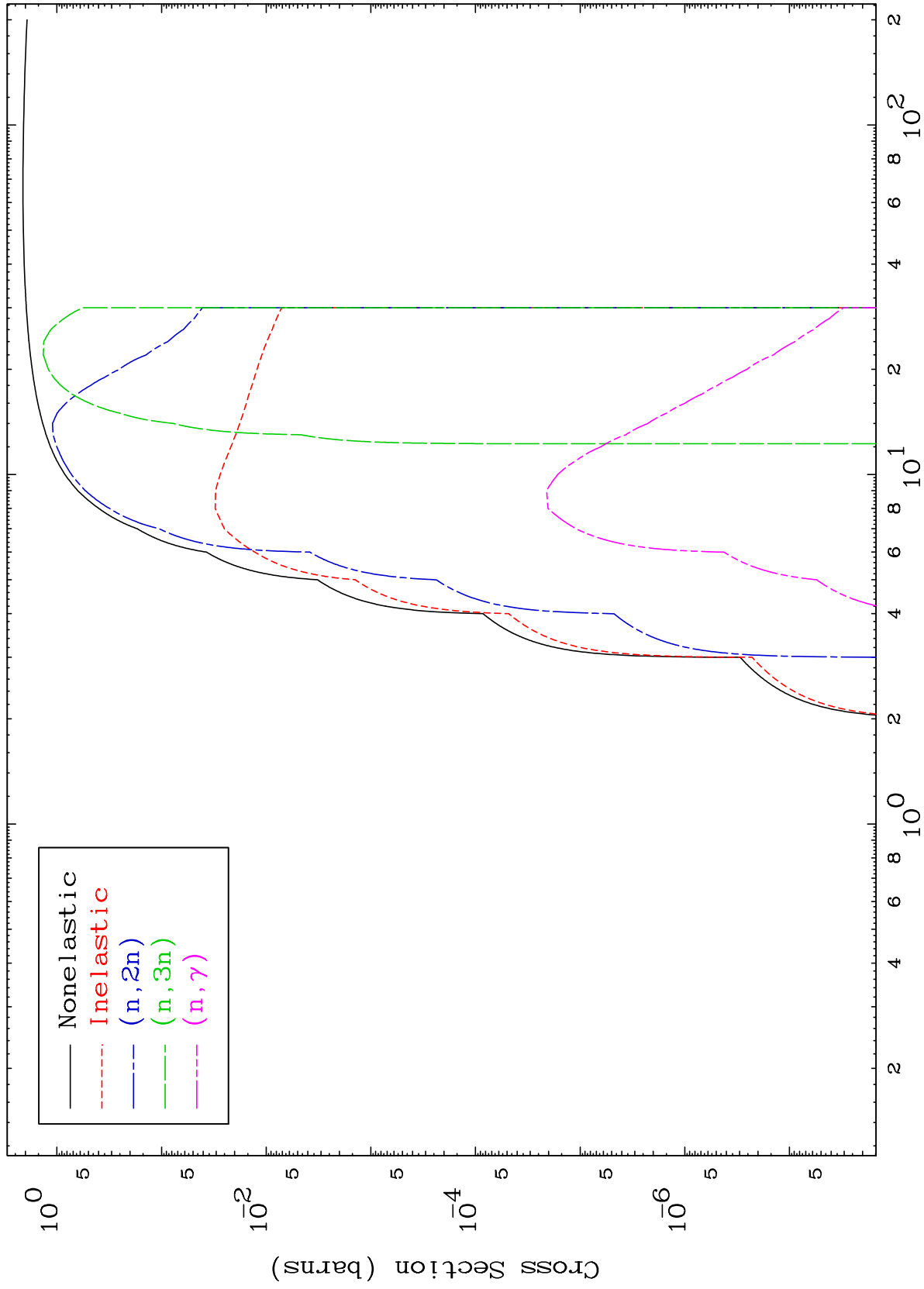
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Web:redcullen1.net/HOMEPAGE.NEW

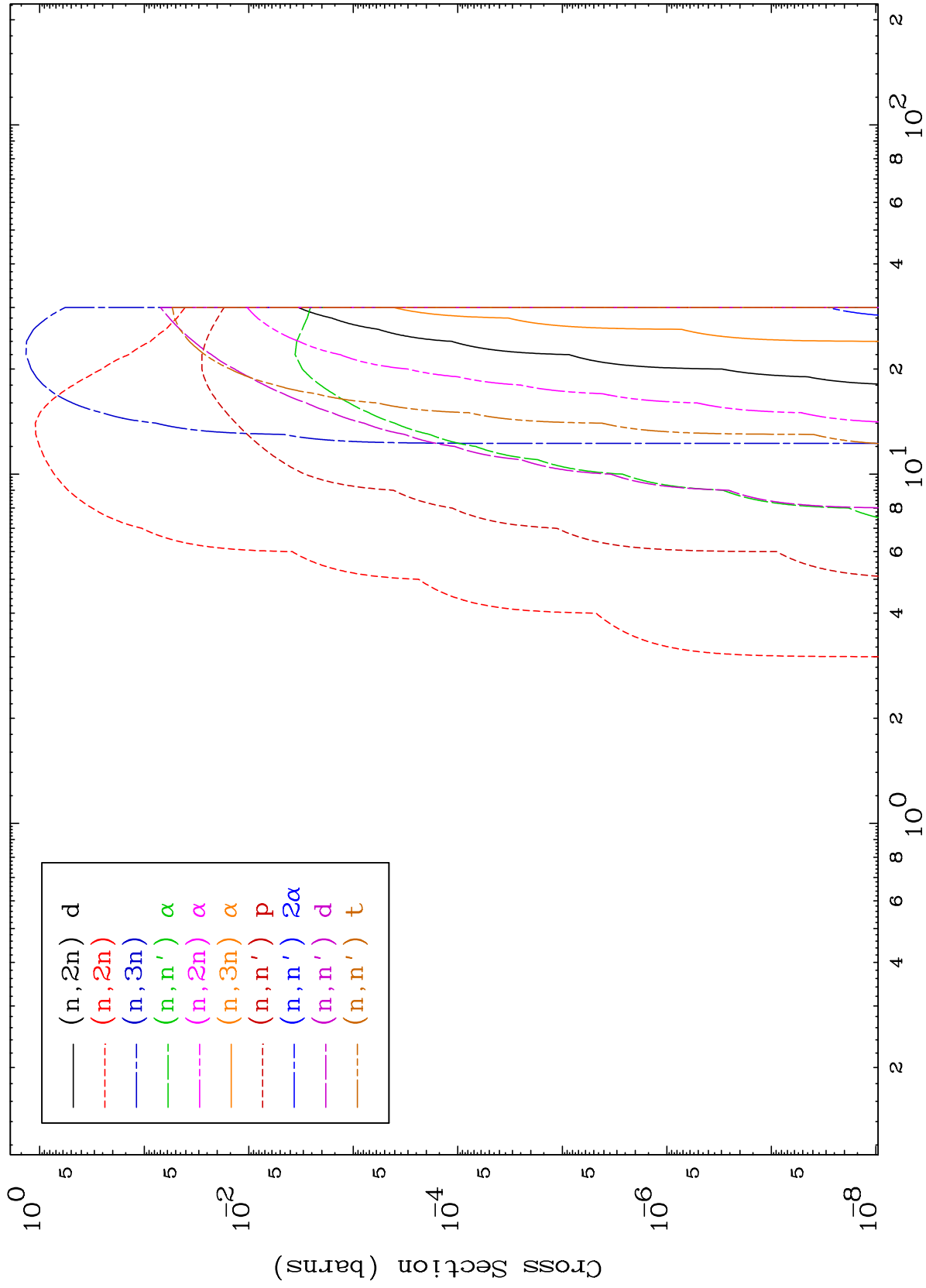
Press Mouse Button to Start



MAT 5049

Triton Neutron Absorption
0 Kelvin Cross Sections

50-Sn-120



2

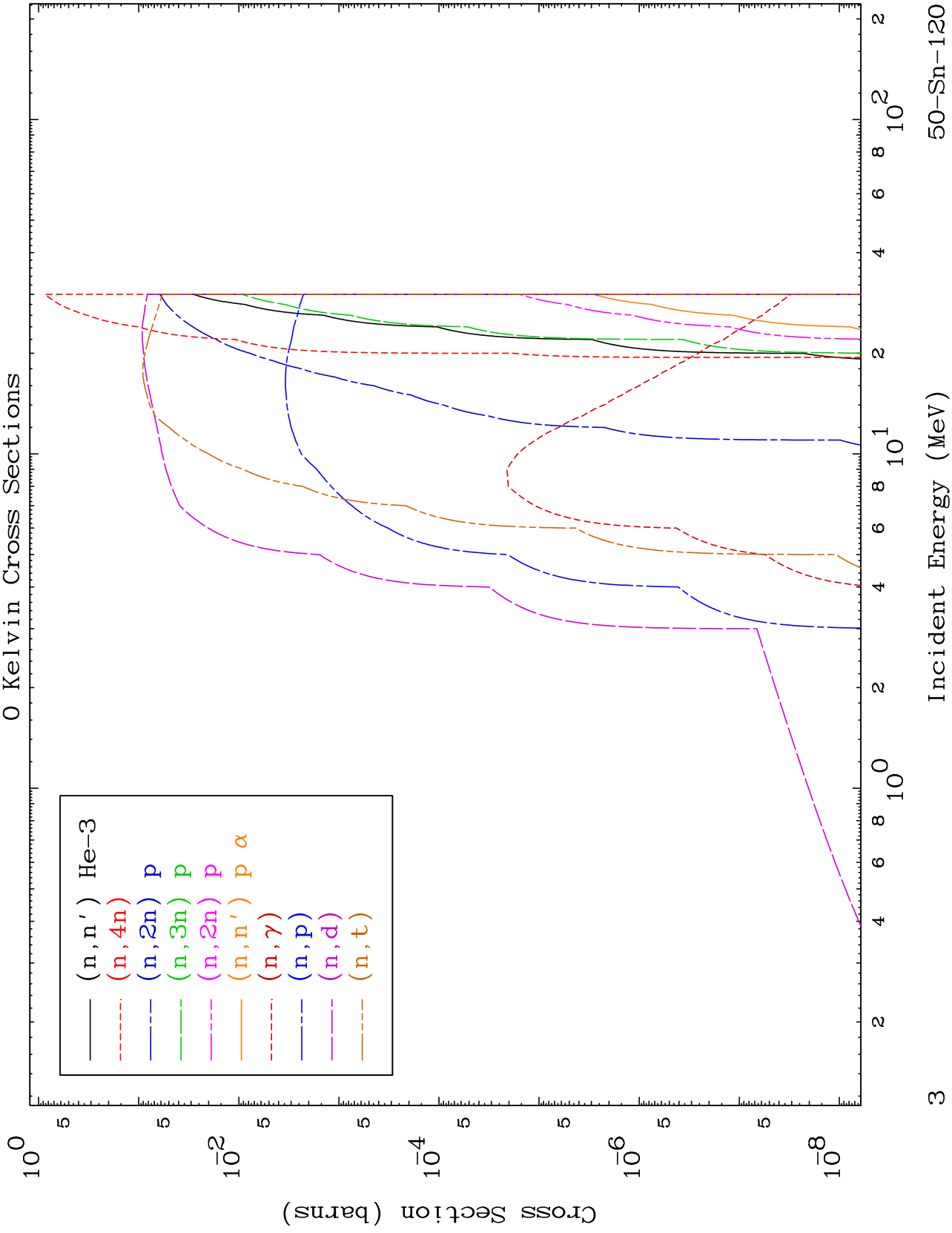
Incident Energy (MeV)

50-Sn-120

MAT 5049

Triton Neutron Absorption
0 Kelvin Cross Sections

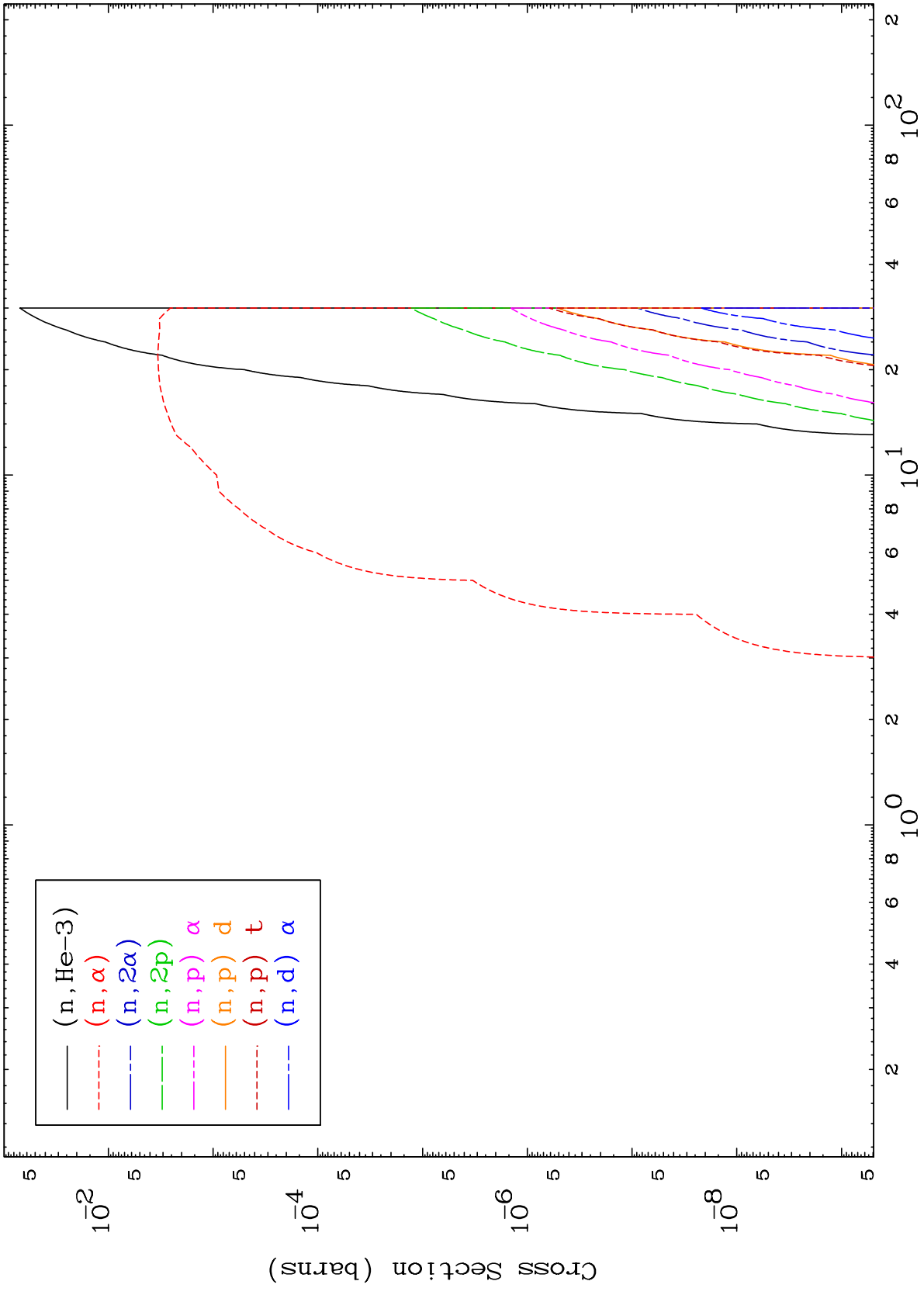
50-Sn-120



MAT 5049

Triton Neutron Absorption
0 Kelvin Cross Sections

50-Sn-120

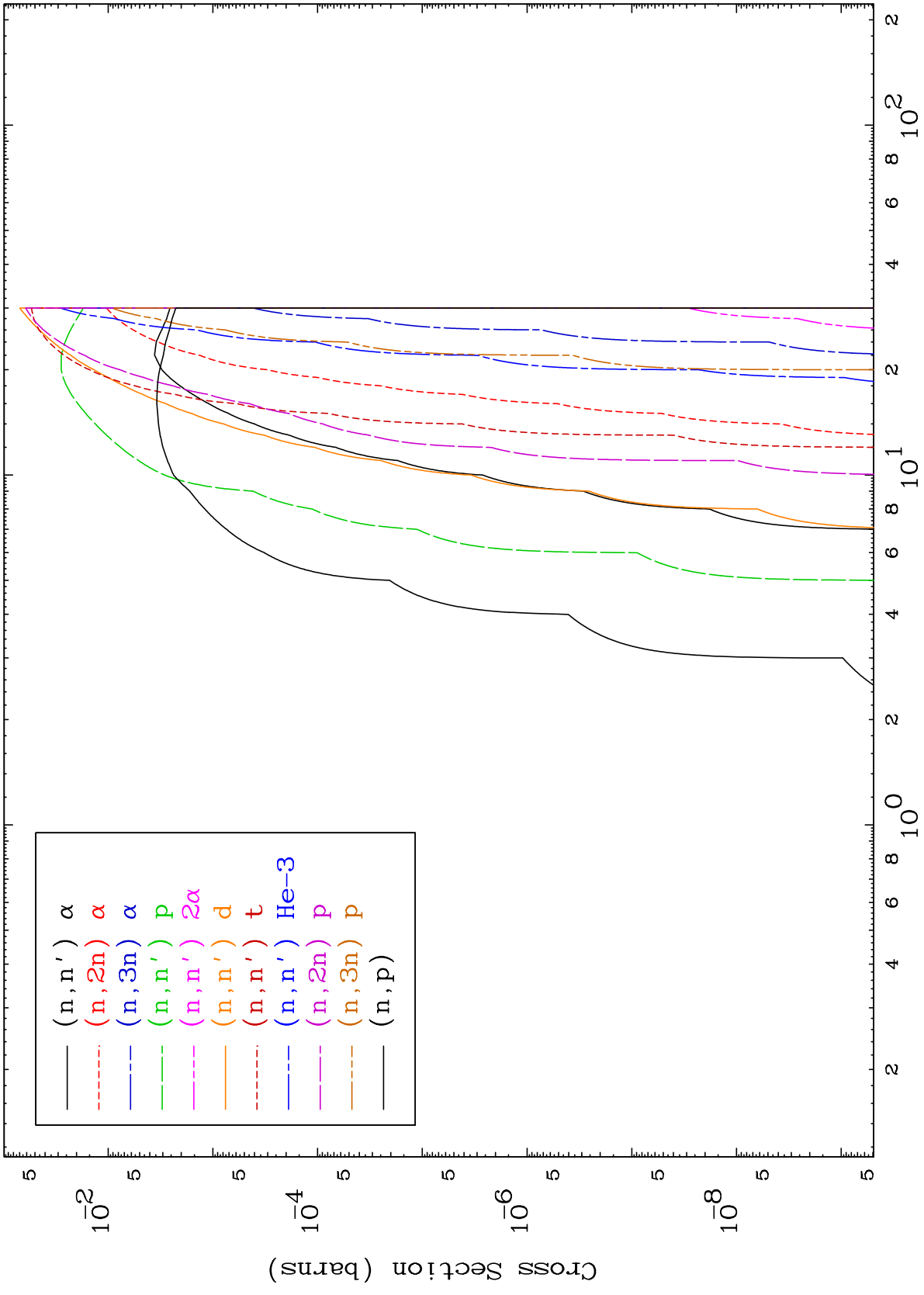


50-Sn-120

MAT 5049

Triton Charged Particle
0 Kelvin Cross Sections

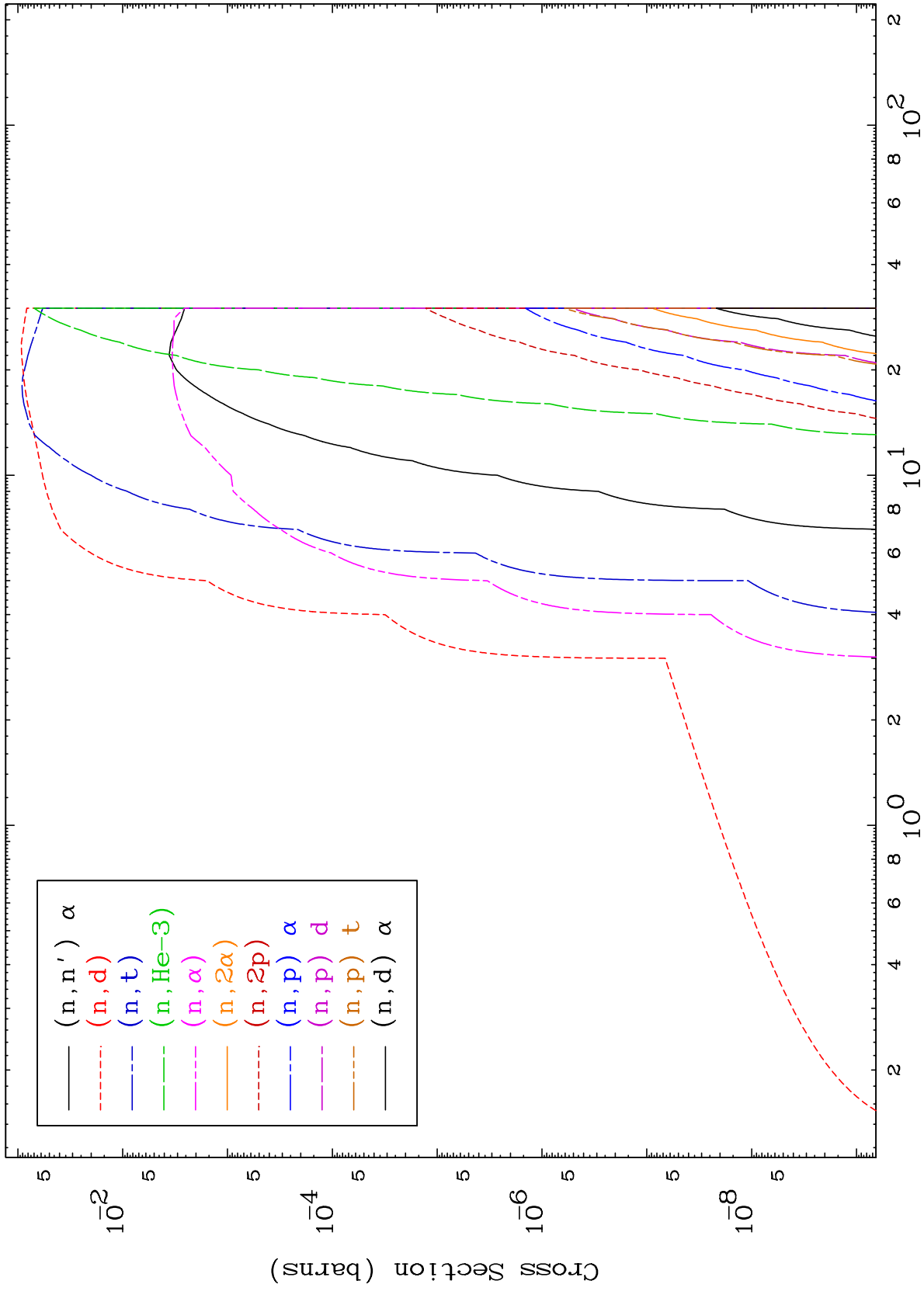
50-Sn-120



MAT 5049

Triton Charged Particle
0 Kelvin Cross Sections

50-Sn-120



6

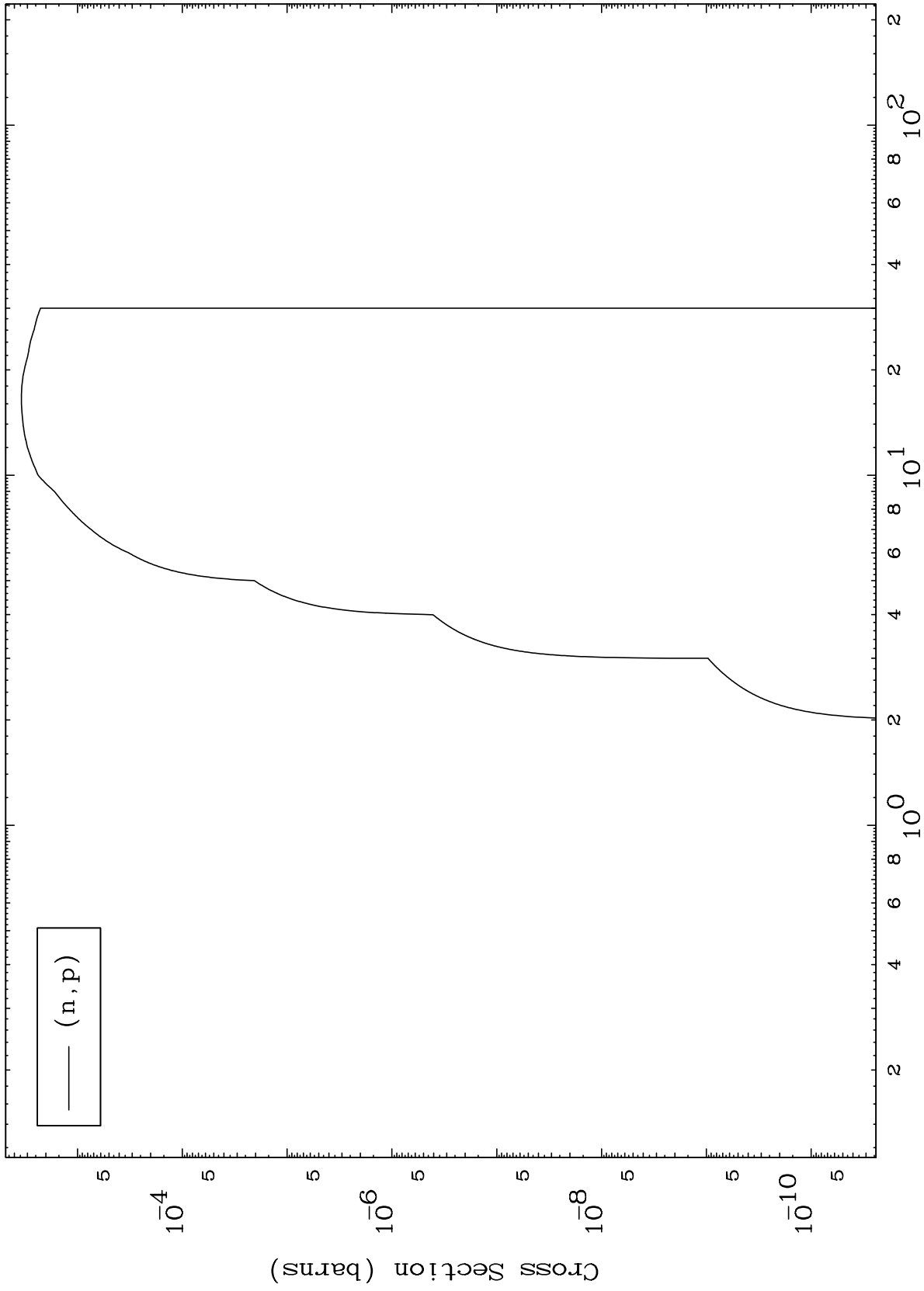
Incident Energy (MeV)

50-Sn-120

MAT 5049

(t,p) Levels
0 Kelvin Cross Sections

50-Sn-120



7

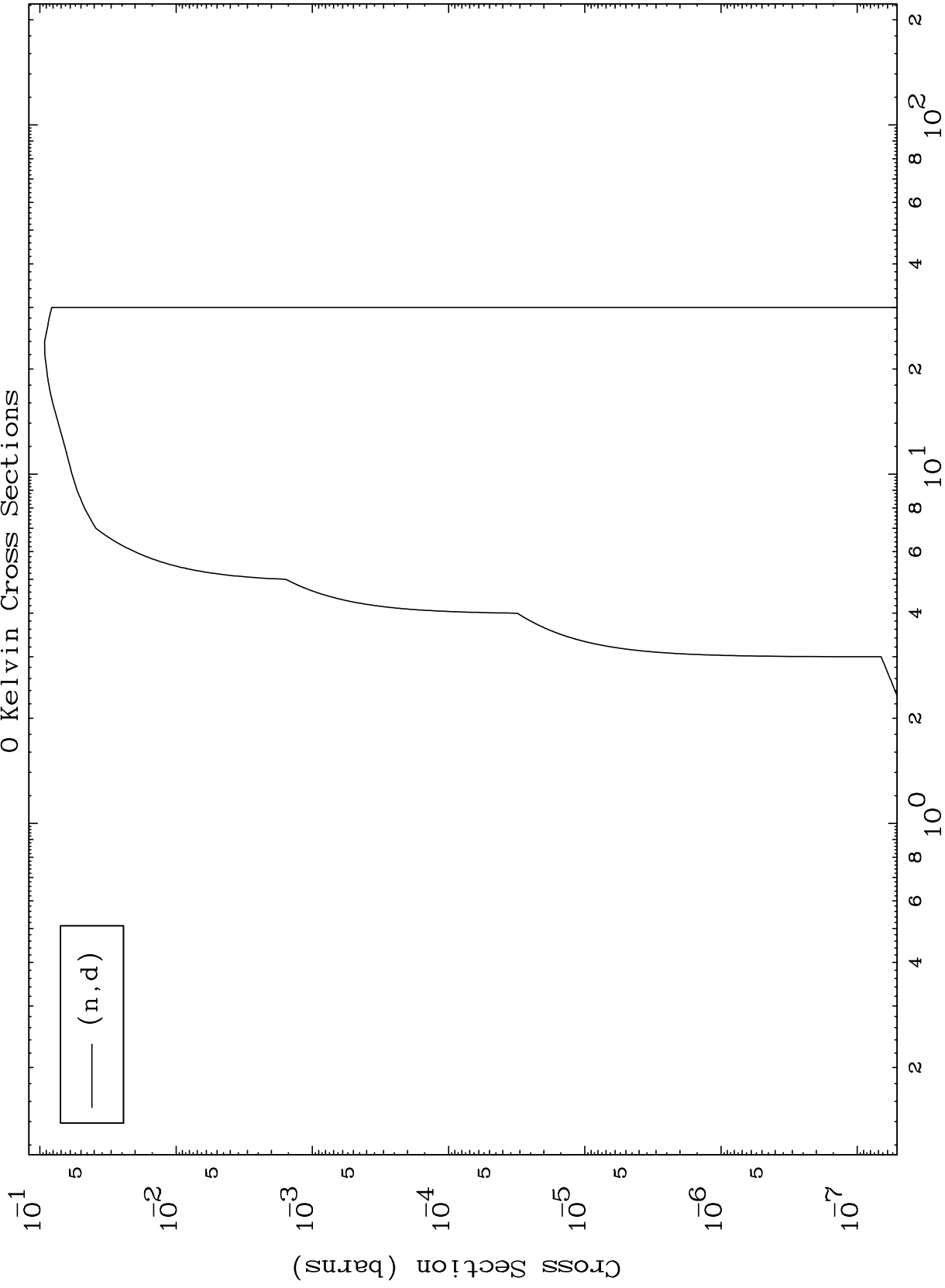
Incident Energy (MeV)

50-Sn-120

MAT 5049

(t,d) Levels
0 Kelvin Cross Sections

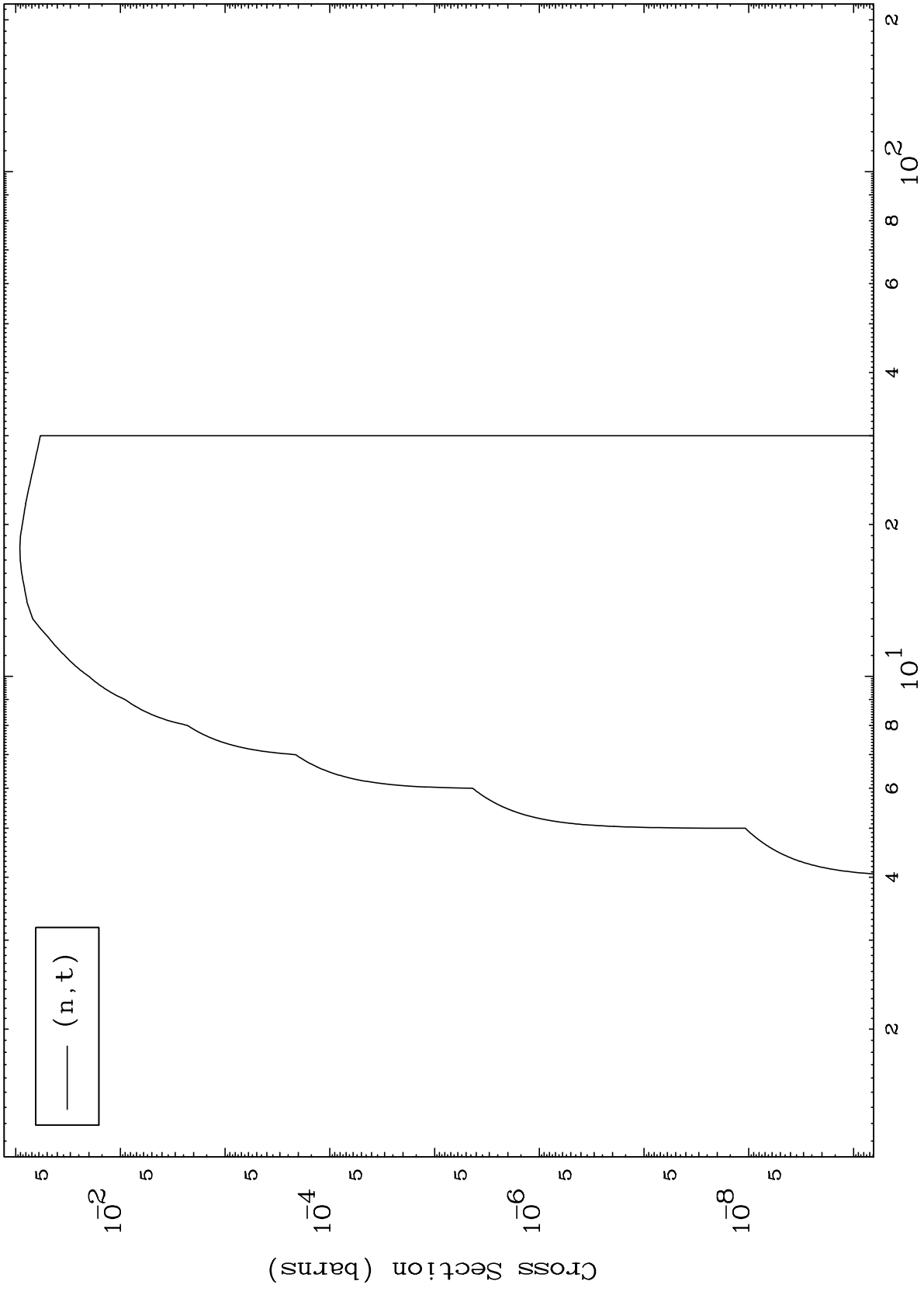
50-Sn-120



MAT 5049

(t,t) Levels
0 Kelvin Cross Sections

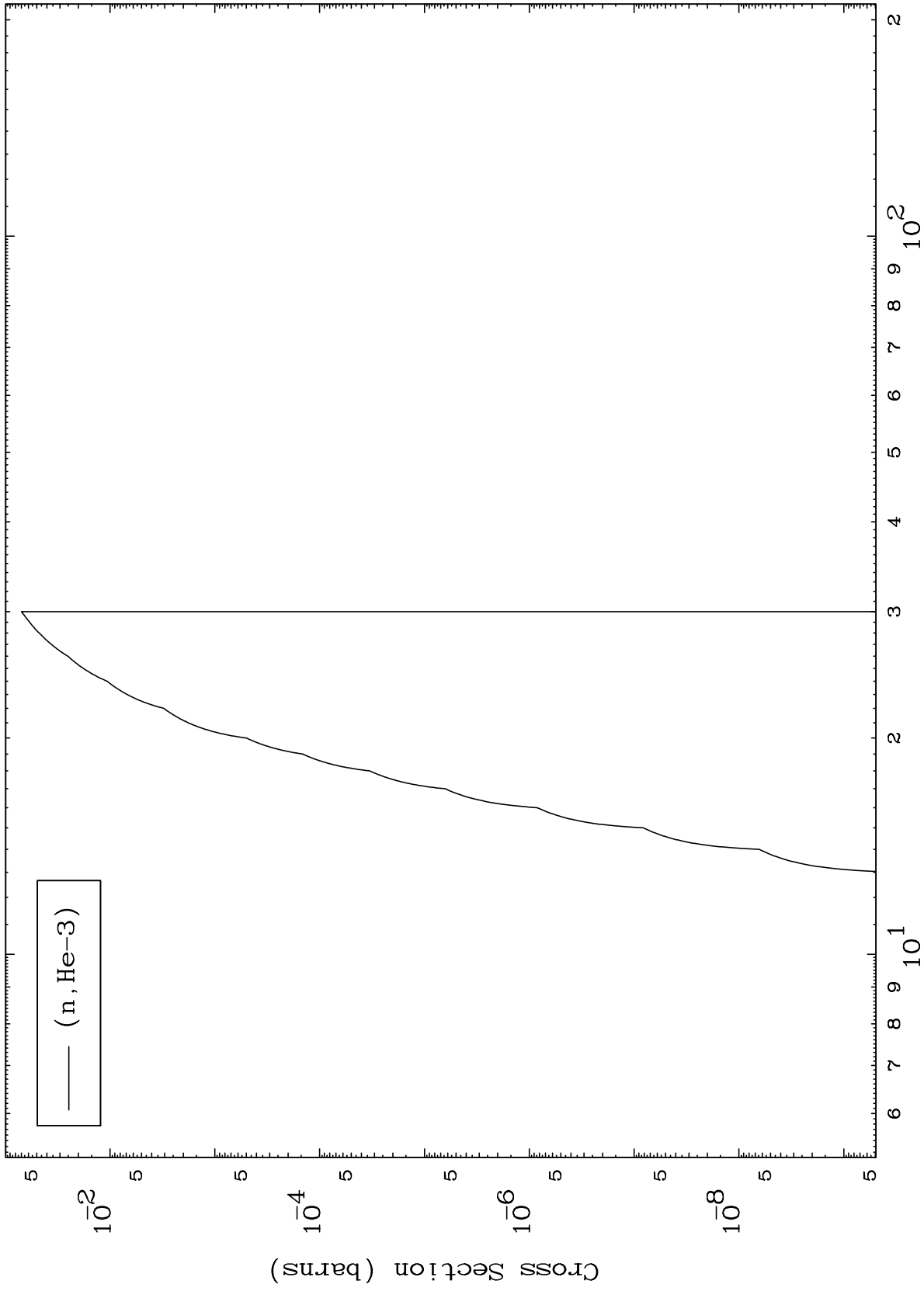
50-Sn-120



MAT 5049

(t,He3) Levels
0 Kelvin Cross Sections

50-Sn-120



10

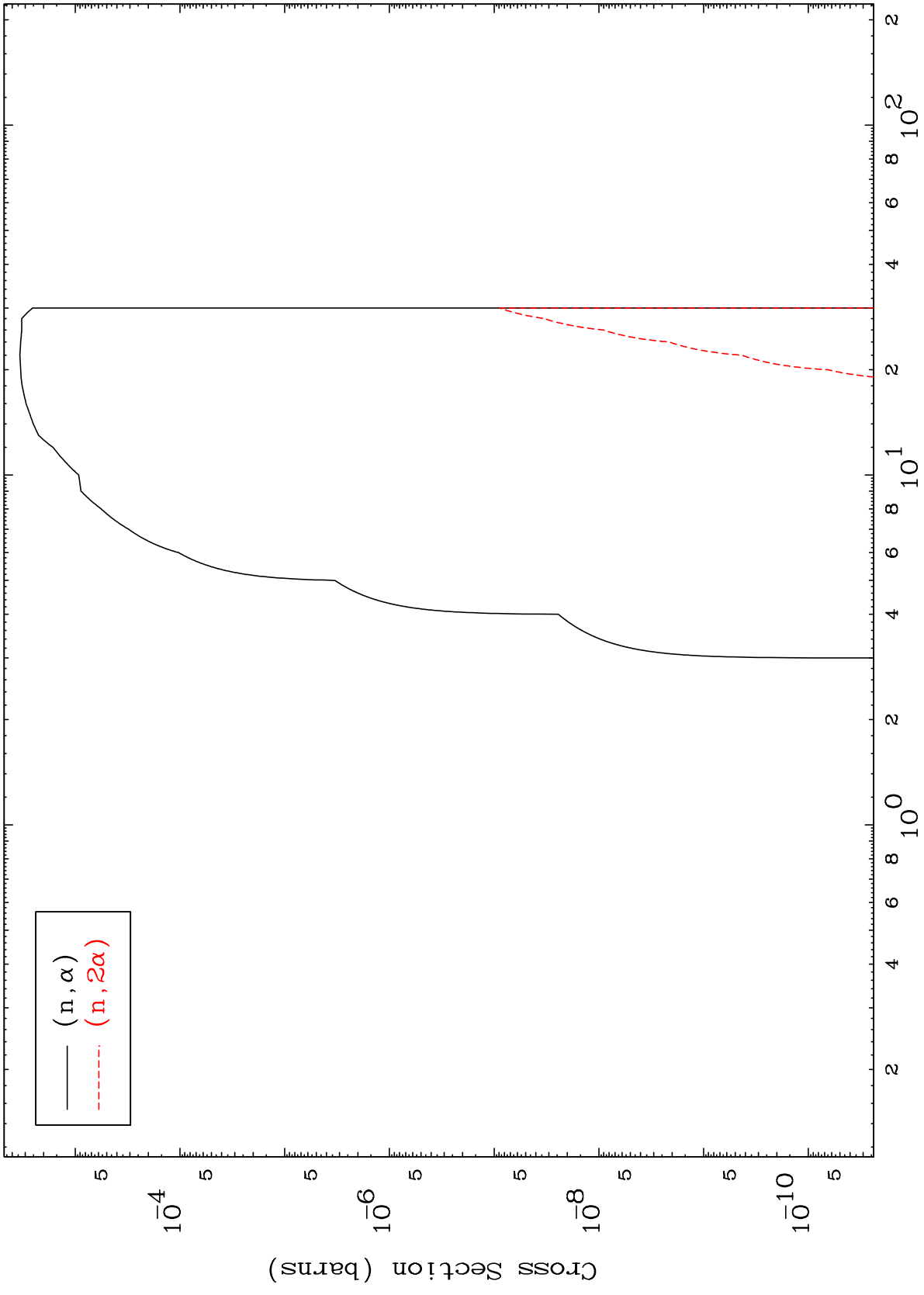
Incident Energy (MeV)

50-Sn-120

MAT 5049

(t, α) Levels
0 Kelvin Cross Sections

50-Sn-120

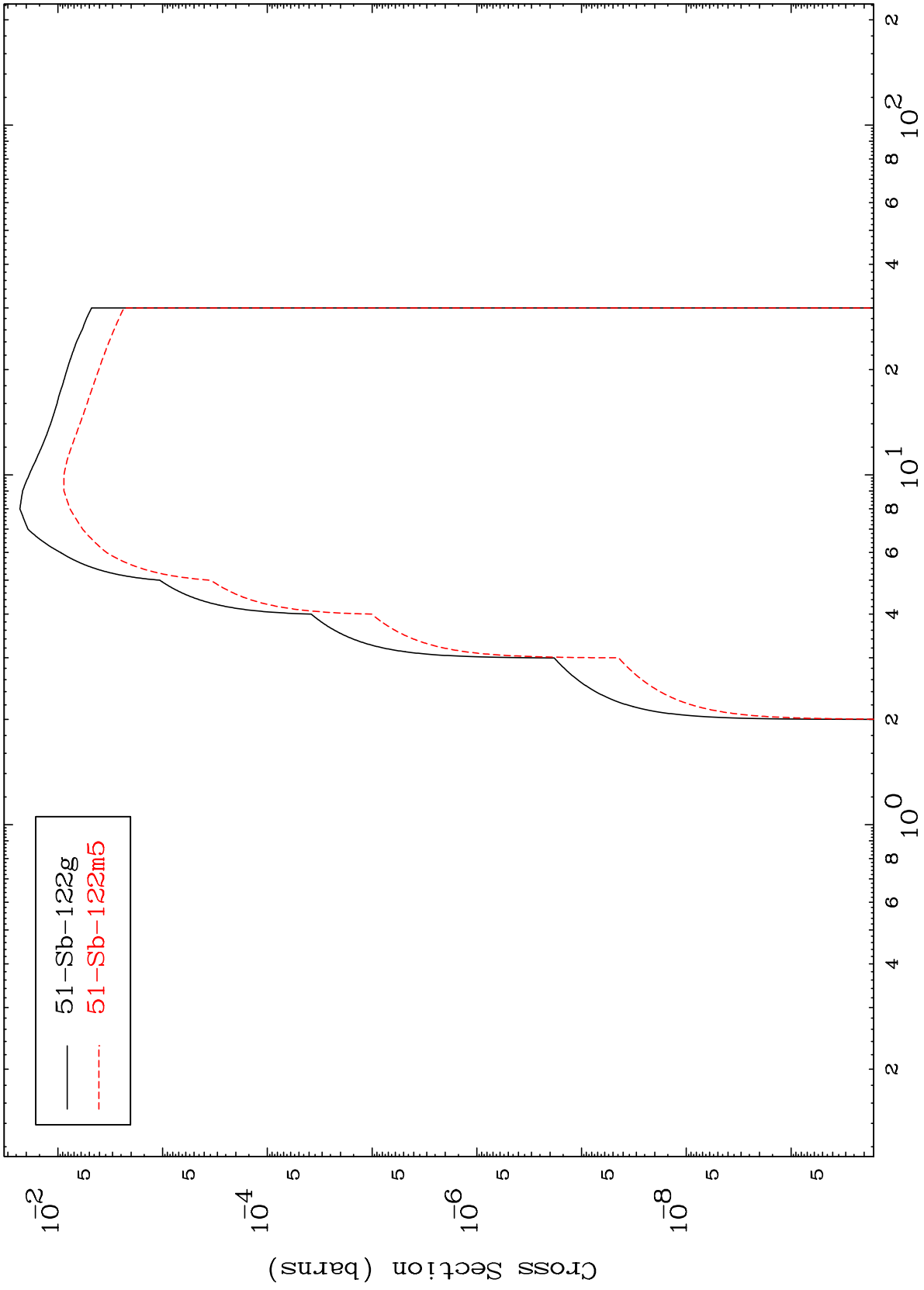


50-Sn-120

MAT 5049

50-Sn-120

Inelastic
Radionuclide Production Cross Section



12

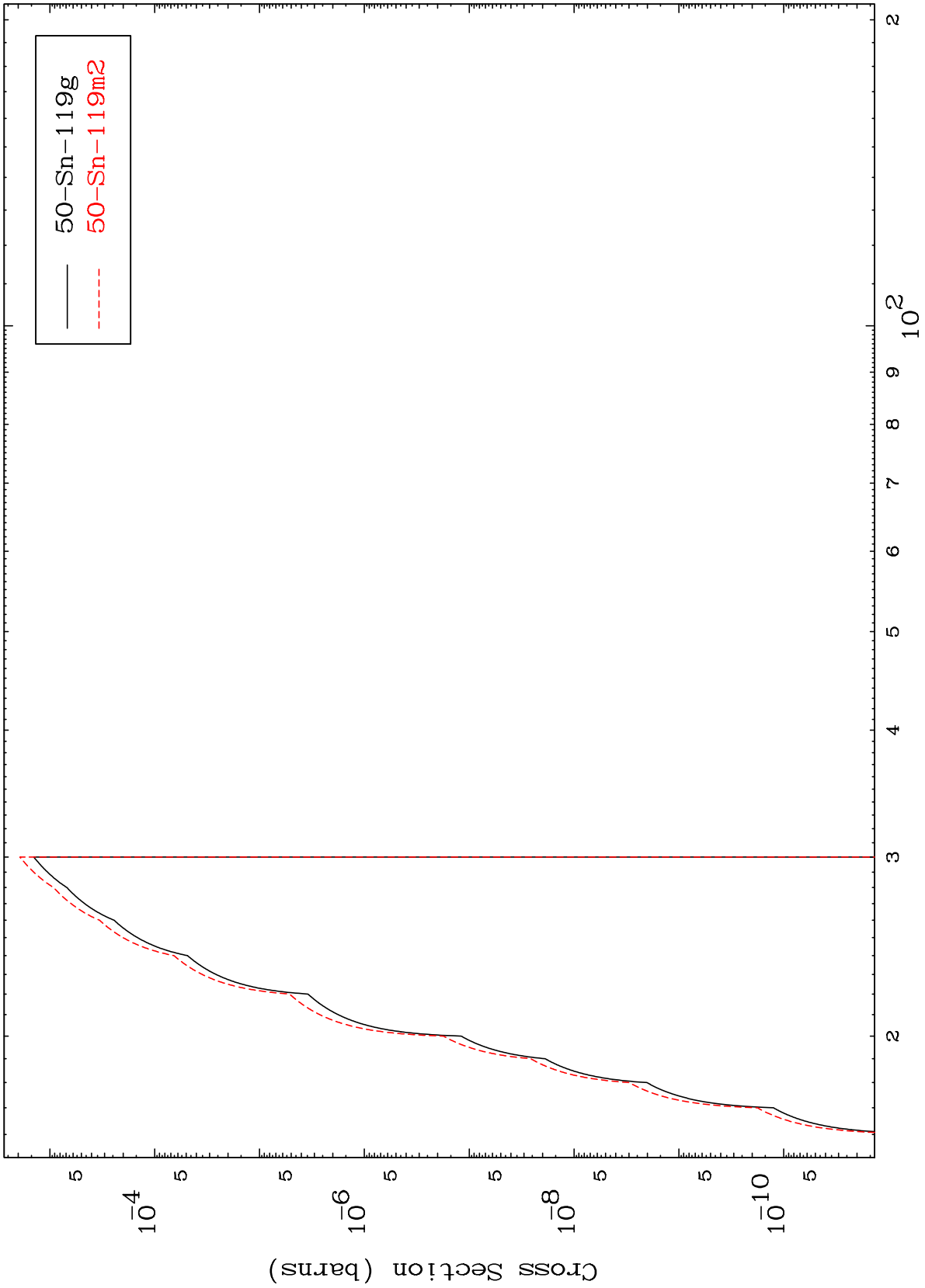
50-Sn-120

MAT 5049

(n,2n) d

50-Sn-120

Radionuclide Production Cross Section



13

Incident Energy (MeV)

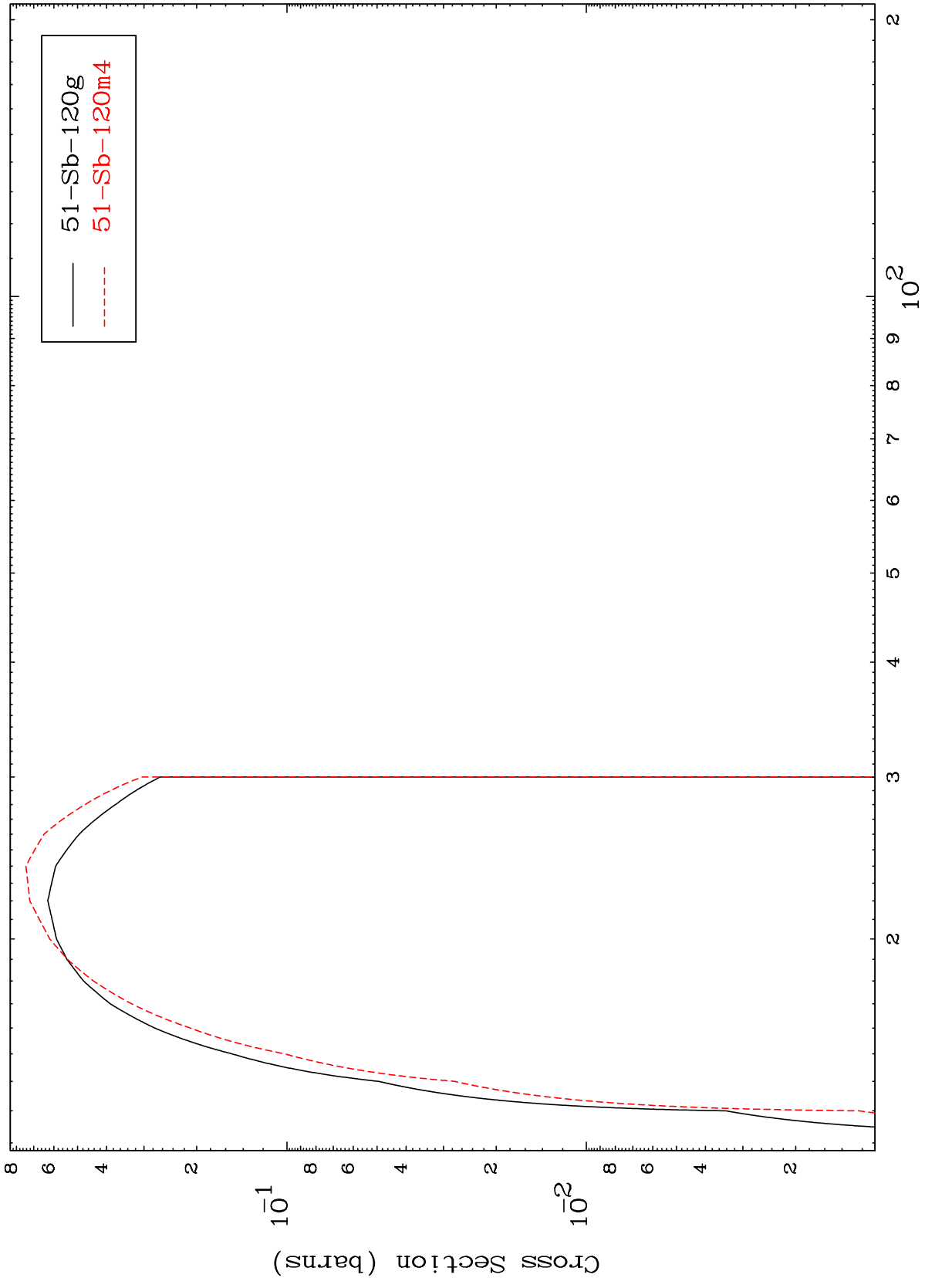
50-Sn-120

MAT 5049

(n,3n)

50-Sn-120

Radionuclide Production Cross Section



14

Incident Energy (MeV)

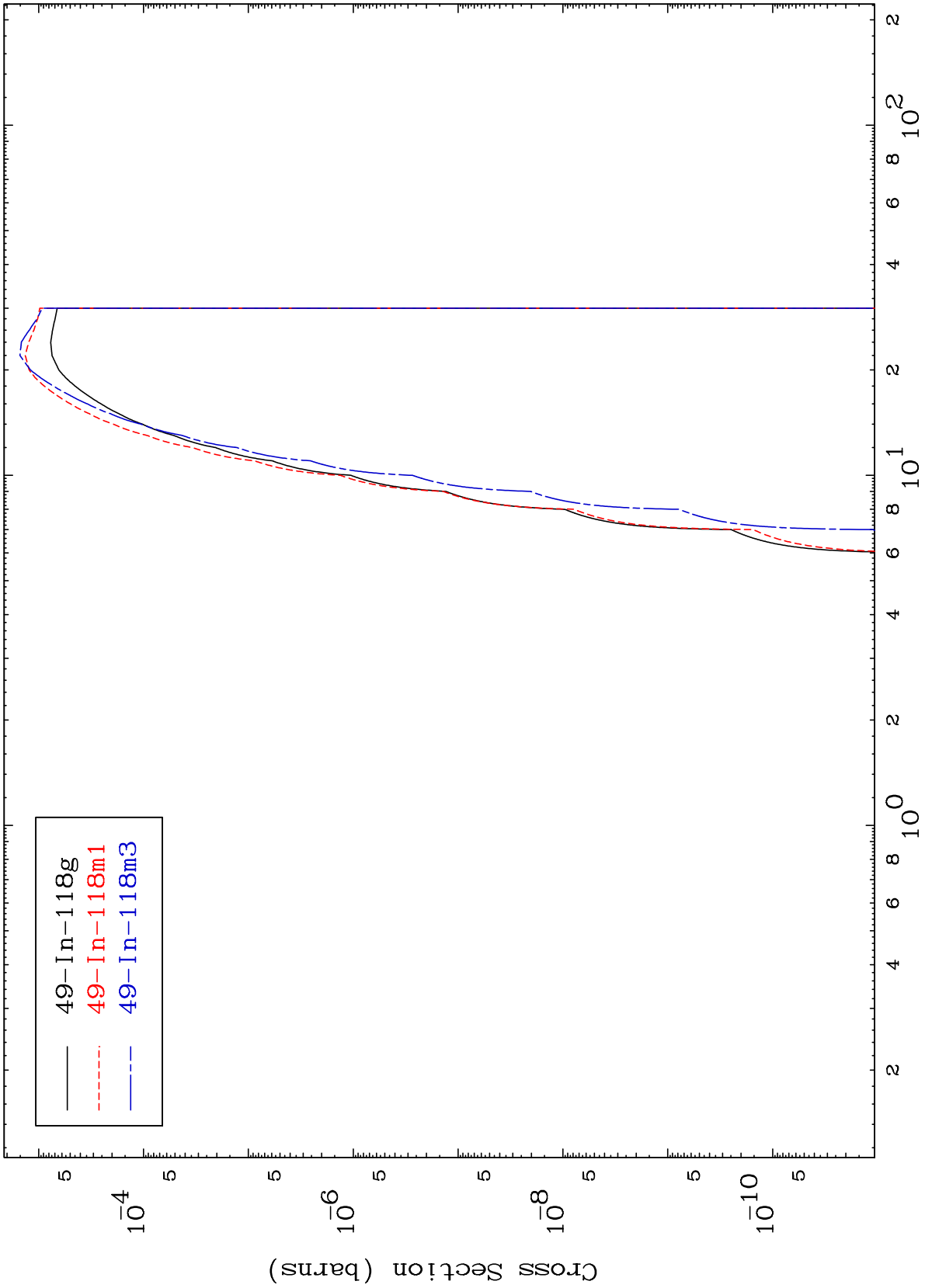
50-Sn-120

MAT 5049

(n,n') α

50-Sn-120

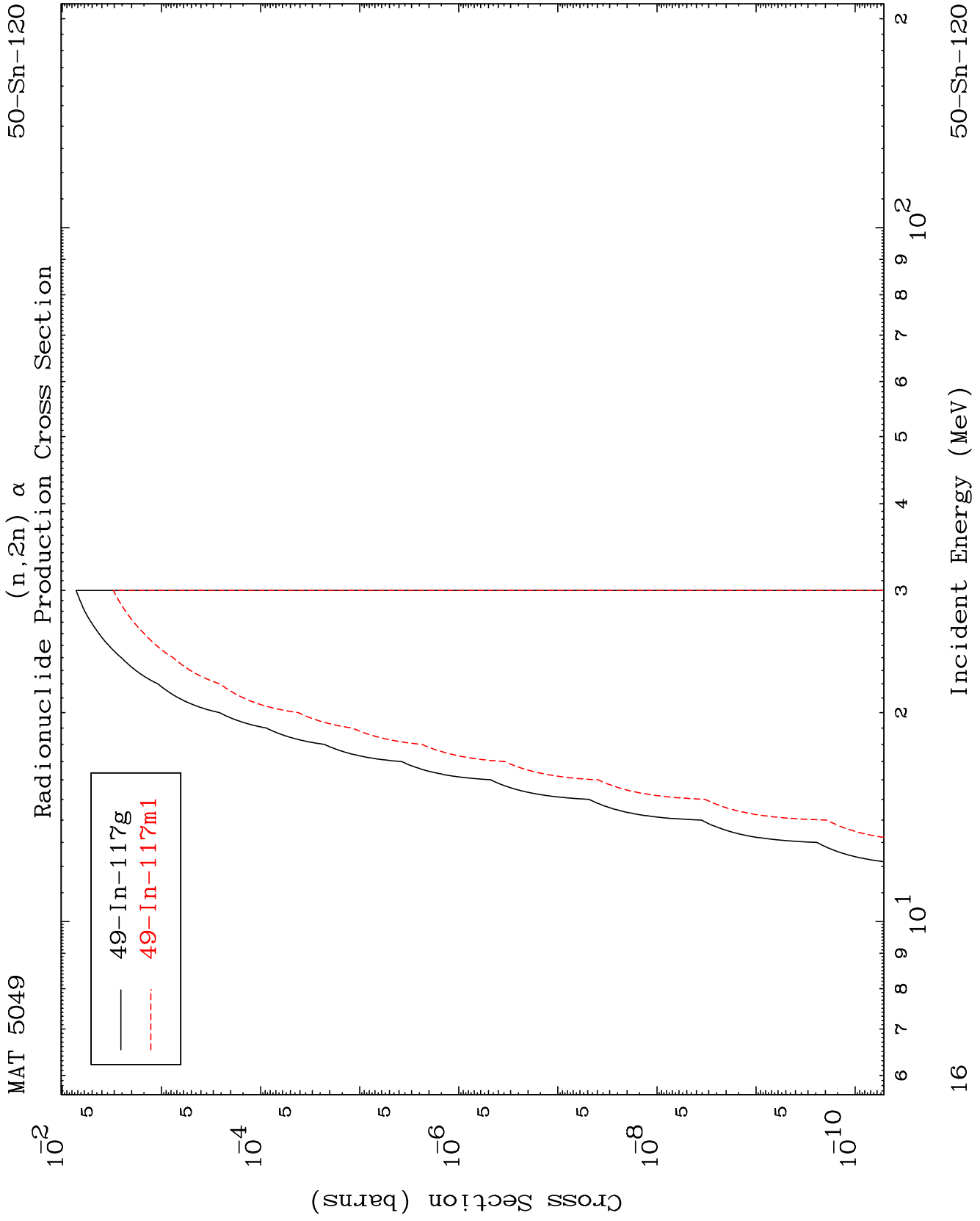
Radionuclide Production Cross Section



15

Incident Energy (MeV)

50-Sn-120

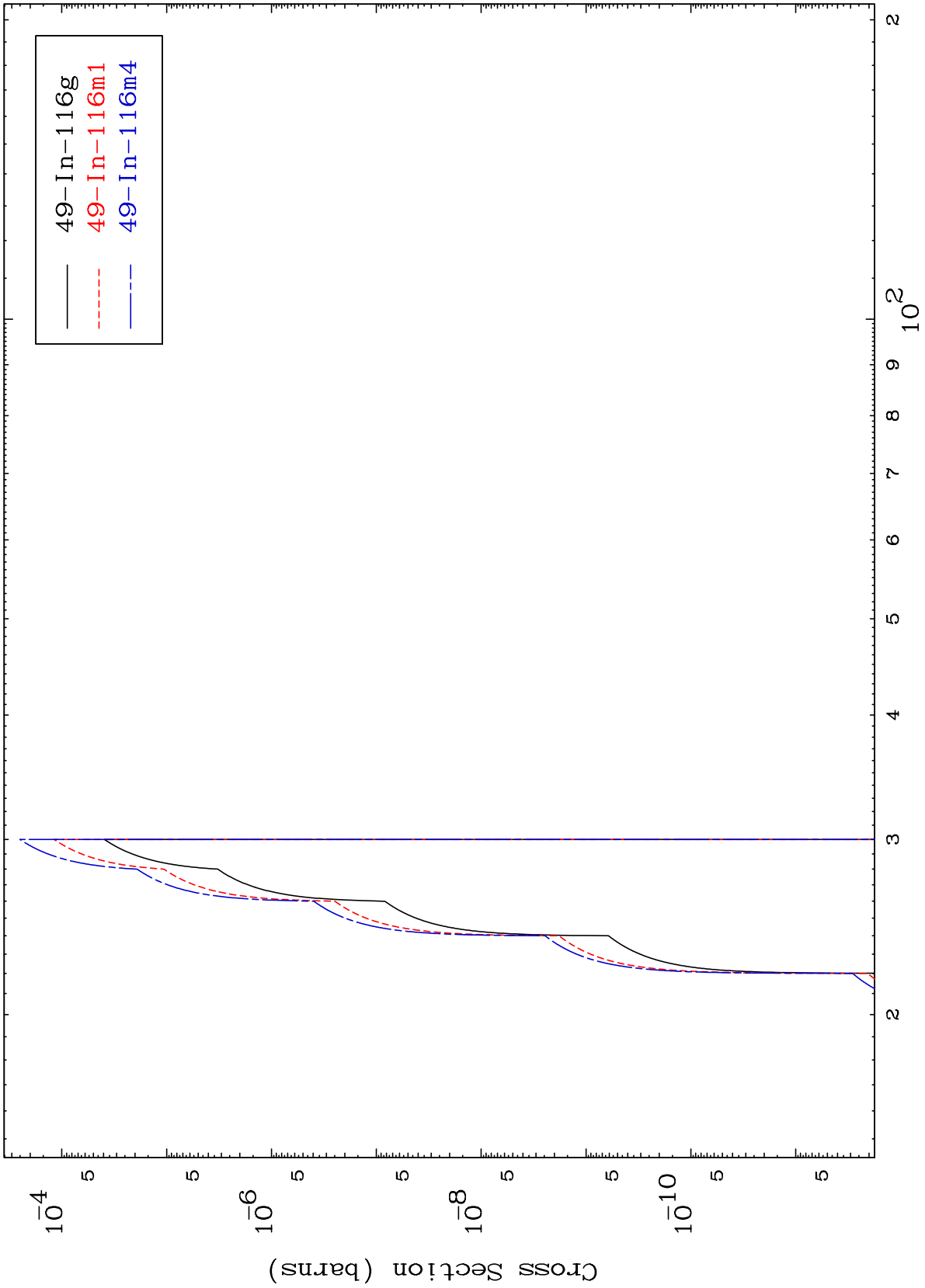


MAT 5049

(n,3n) α

50-Sn-120

Radionuclide Production Cross Section



17

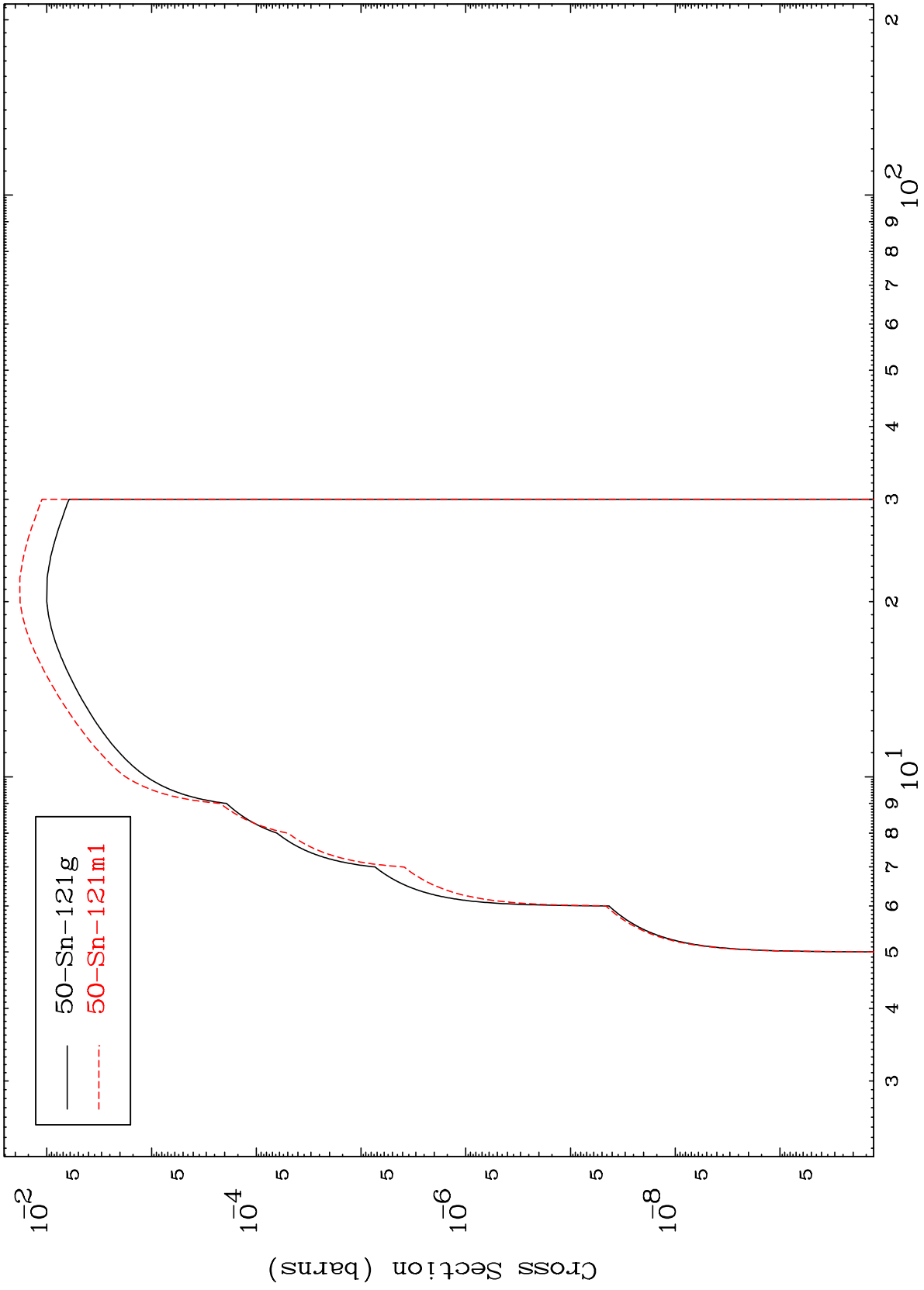
Incident Energy (MeV)

50-Sn-120

MAT 5049

50-Sn-120

(n,n') p
Radionuclide Production Cross Section



18

Incident Energy (MeV)

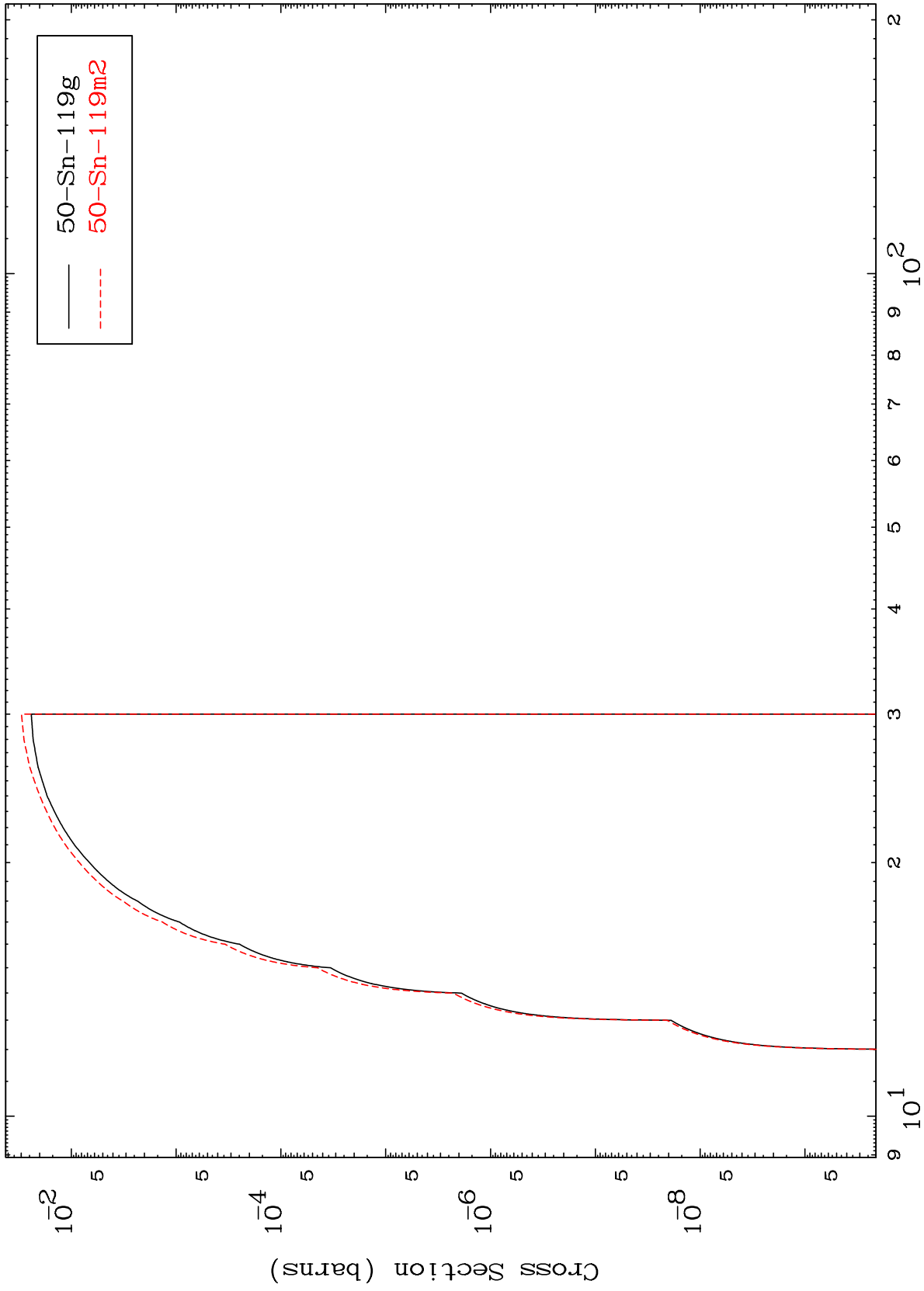
50-Sn-120

MAT 5049

(n,n') t

50-Sn-120

Radionuclide Production Cross Section



19

Incident Energy (MeV)

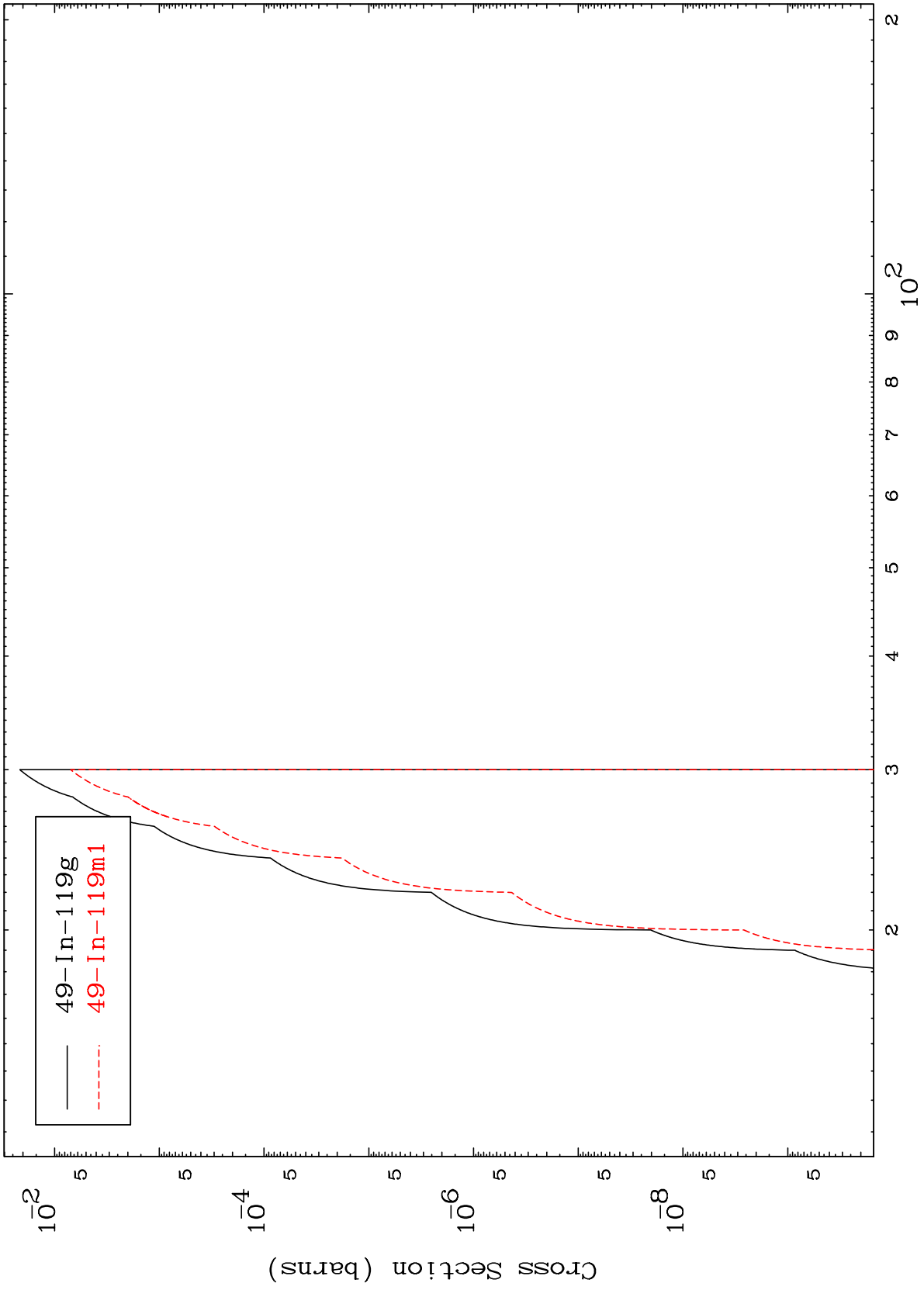
50-Sn-120

MAT 5049

(n, n') He-3

50-Sn-120

Radionuclide Production Cross Section



20

Incident Energy (MeV)

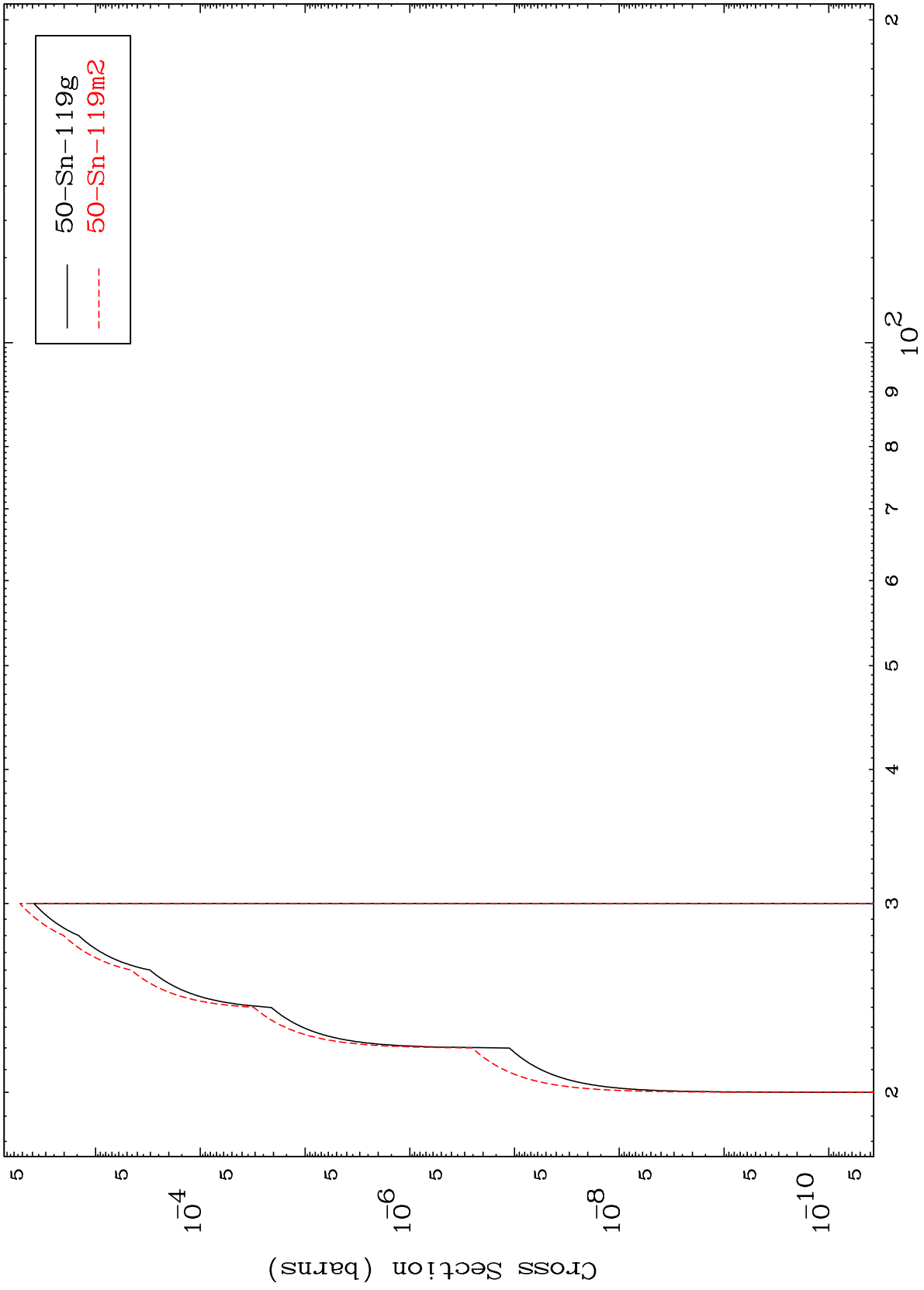
50-Sn-120

MAT 5049

(n,3n) p

50-Sn-120

Radionuclide Production Cross Section



21

Incident Energy (MeV)

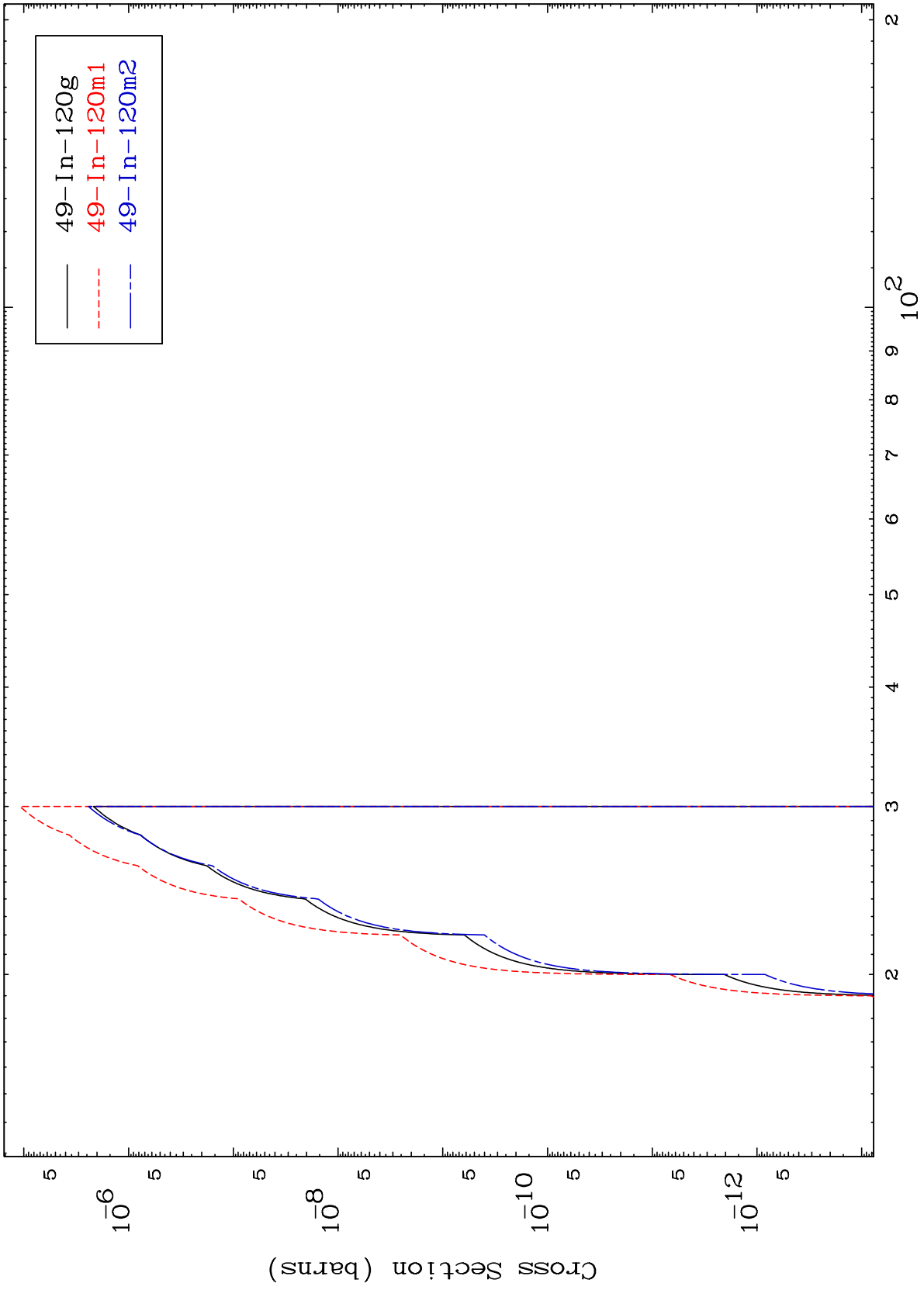
50-Sn-120

MAT 5049

(n,2n) p

50-Sn-120

Radionuclide Production Cross Section



22

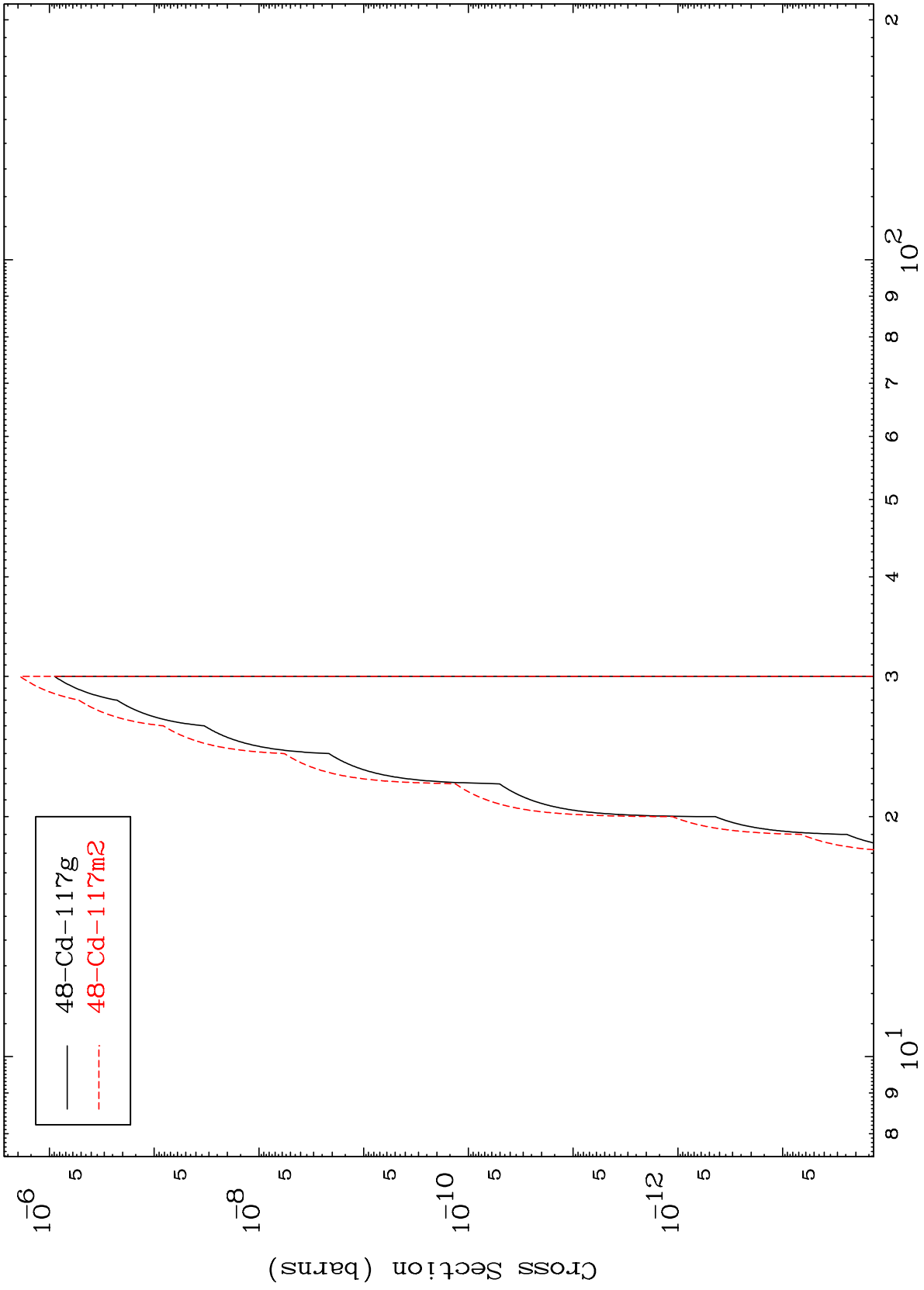
Incident Energy (MeV)

50-Sn-120

MAT 5049

50-Sn-120

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



23

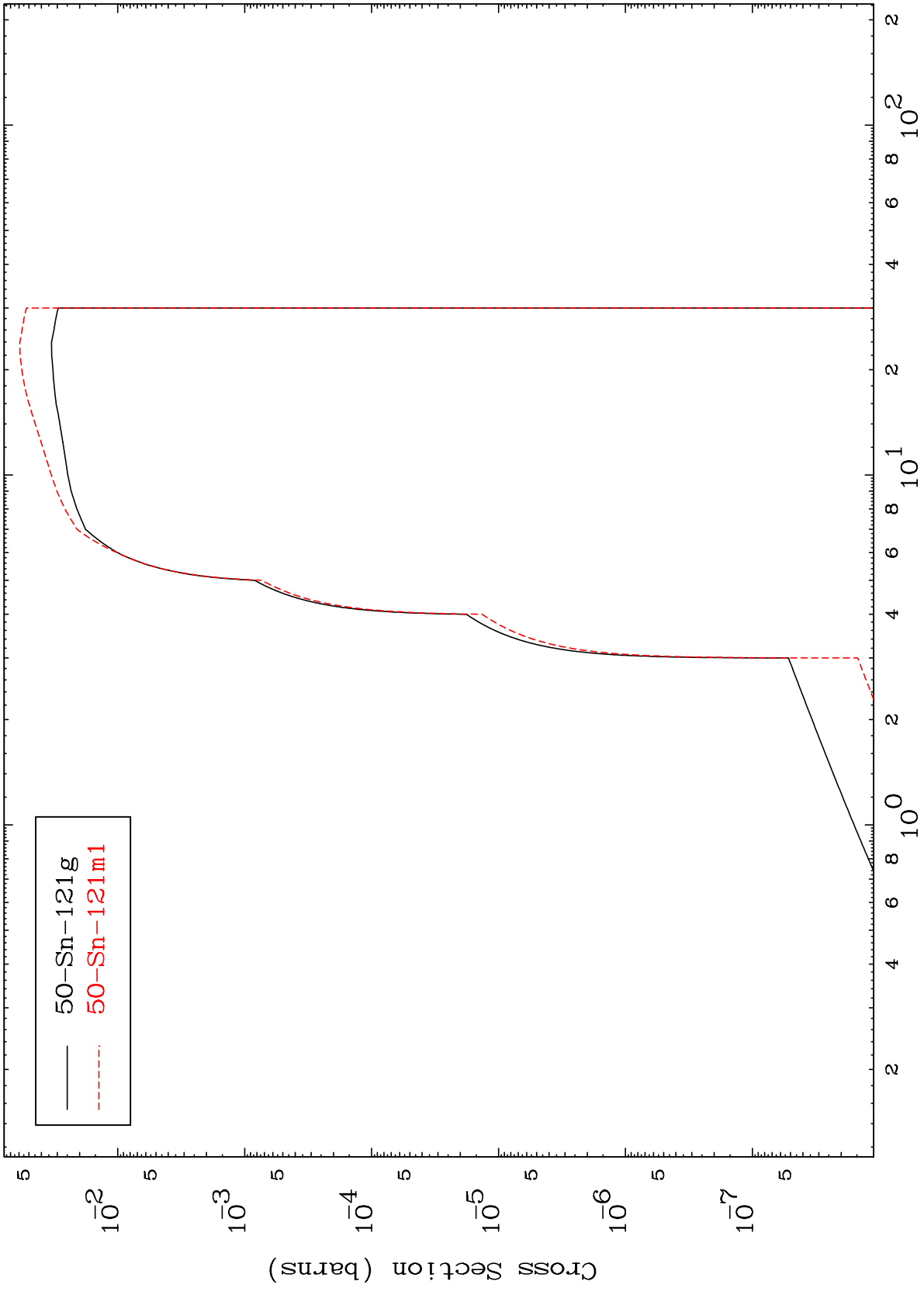
Incident Energy (MeV)

50-Sn-120

MAT 5049

50-Sn-120

(n,d)
Radionuclide Production Cross Section



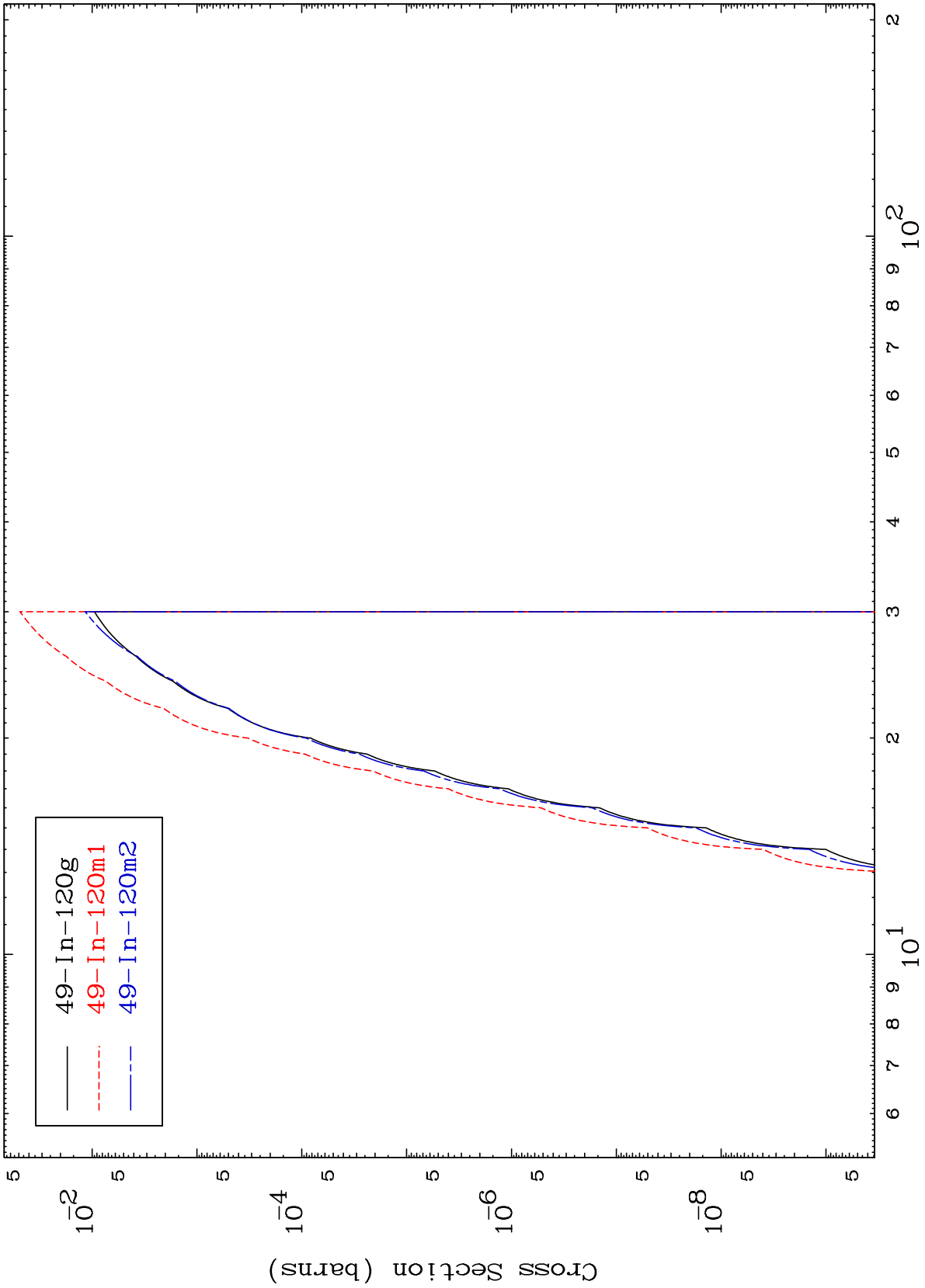
50-Sn-120

MAT 5049

(n, He-3)

50-Sn-120

Radionuclide Production Cross Section



49-In-120g
49-In-120m1
49-In-120m2

25

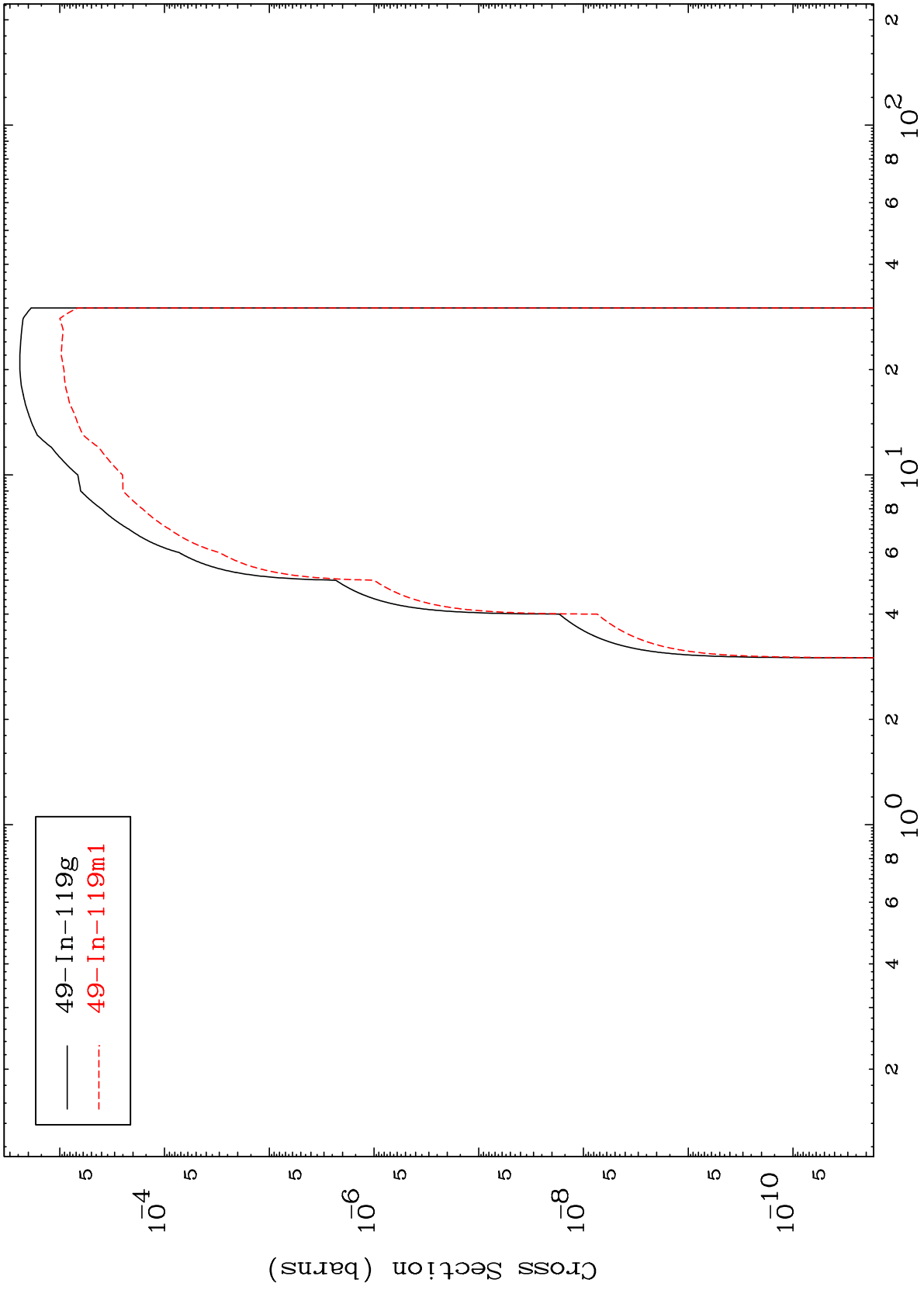
Incident Energy (MeV)

50-Sn-120

MAT 5049

50-Sn-120

Radionuclide Production Cross Section

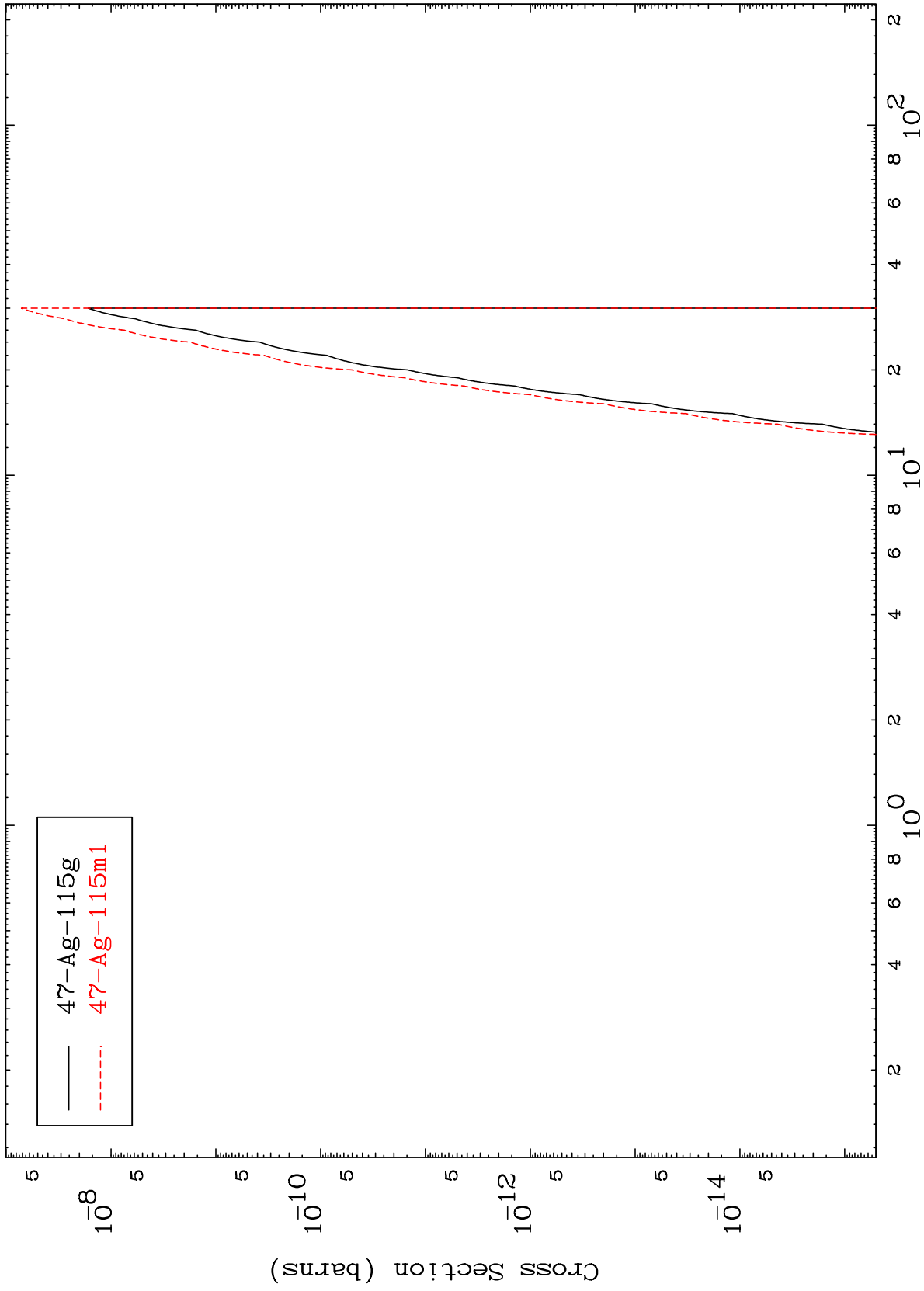


MAT 5049

(n,2α)

50-Sn-120

Radionuclide Production Cross Section



— 47-Ag-115g
- - - 47-Ag-115m1

27

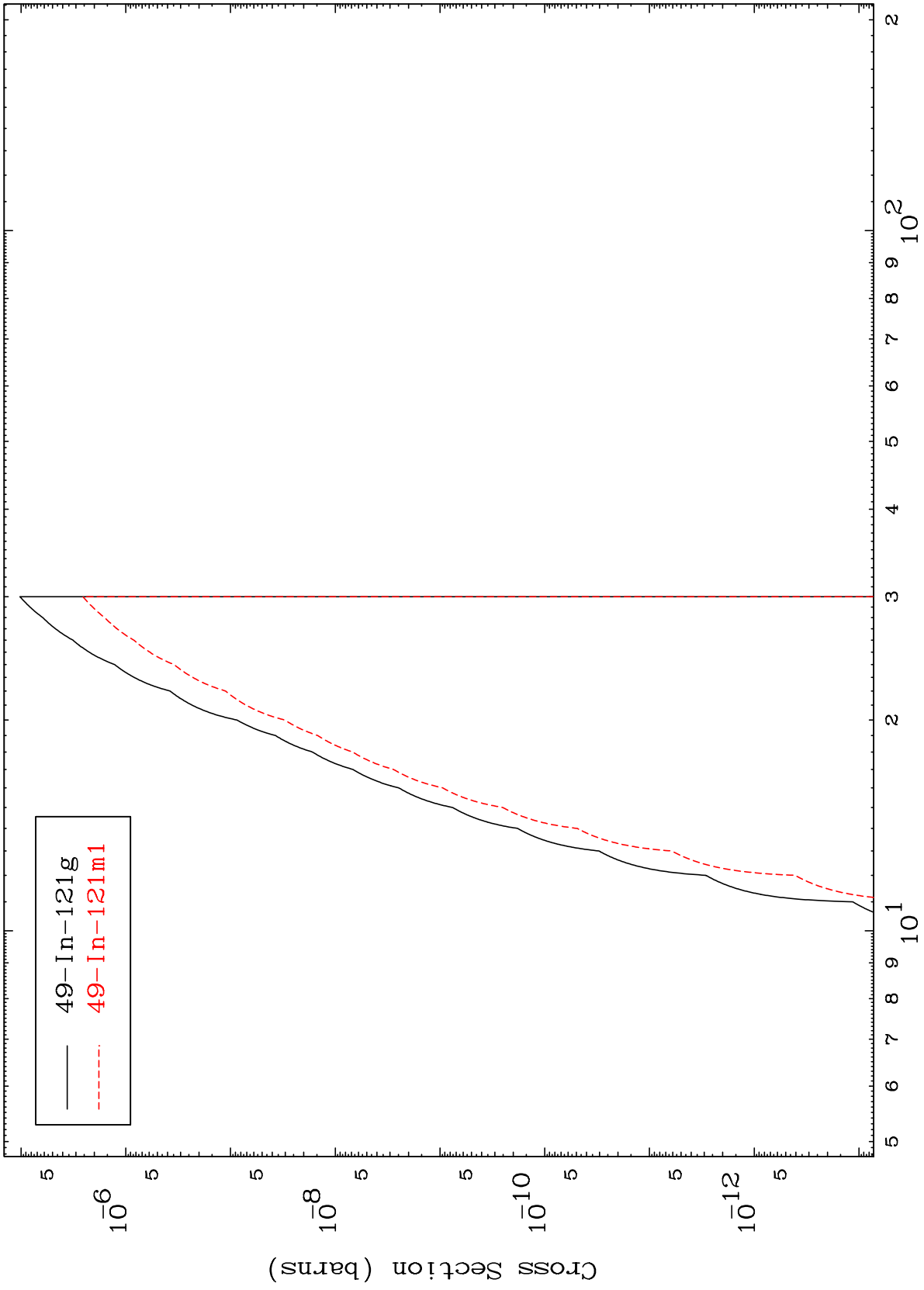
Incident Energy (MeV)

50-Sn-120

MAT 5049

50-Sn-120

Radionuclide Production Cross Section (n,2p)



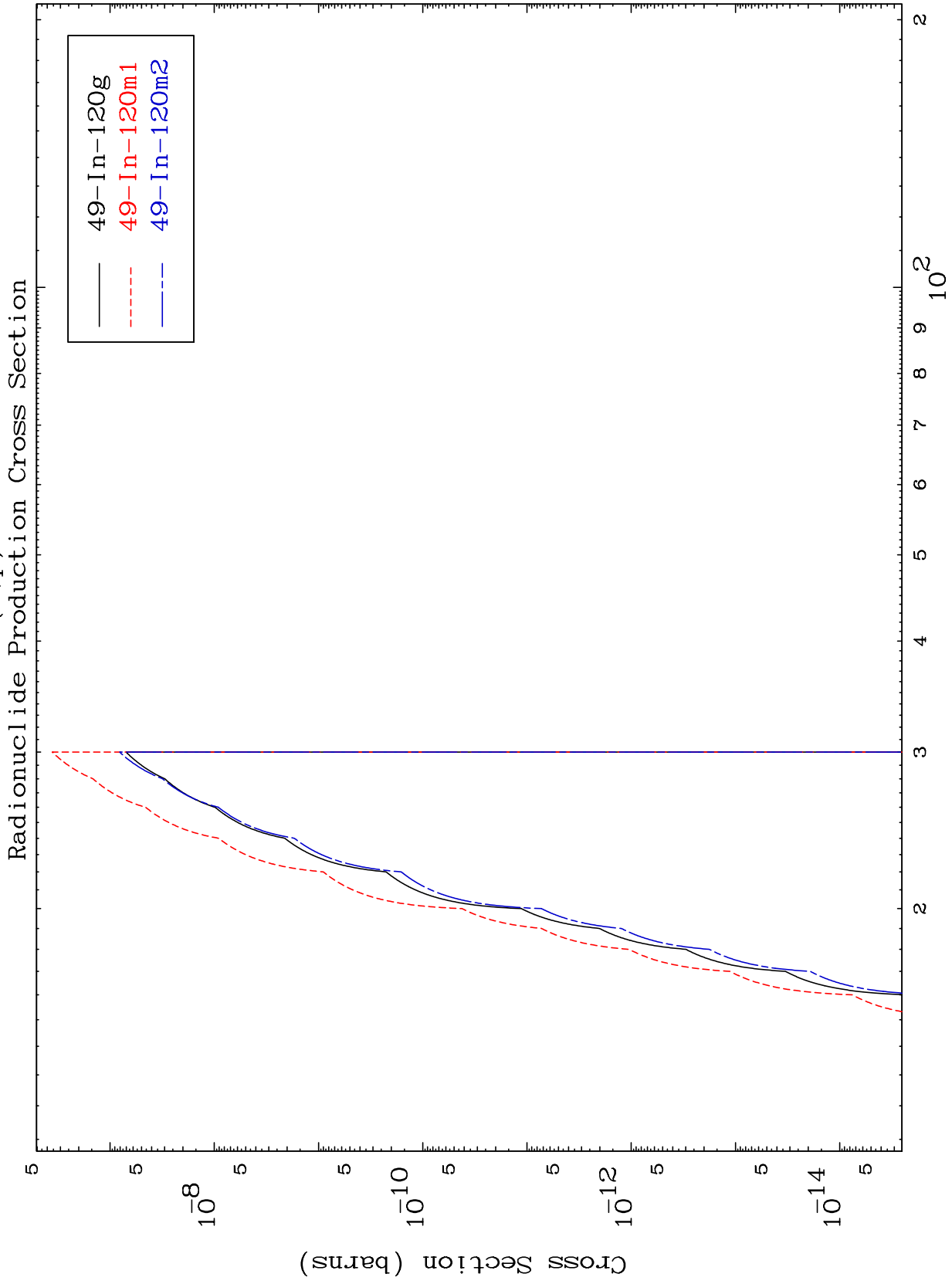
28

50-Sn-120

MAT 5049

(n,p) d

50-Sn-120



29

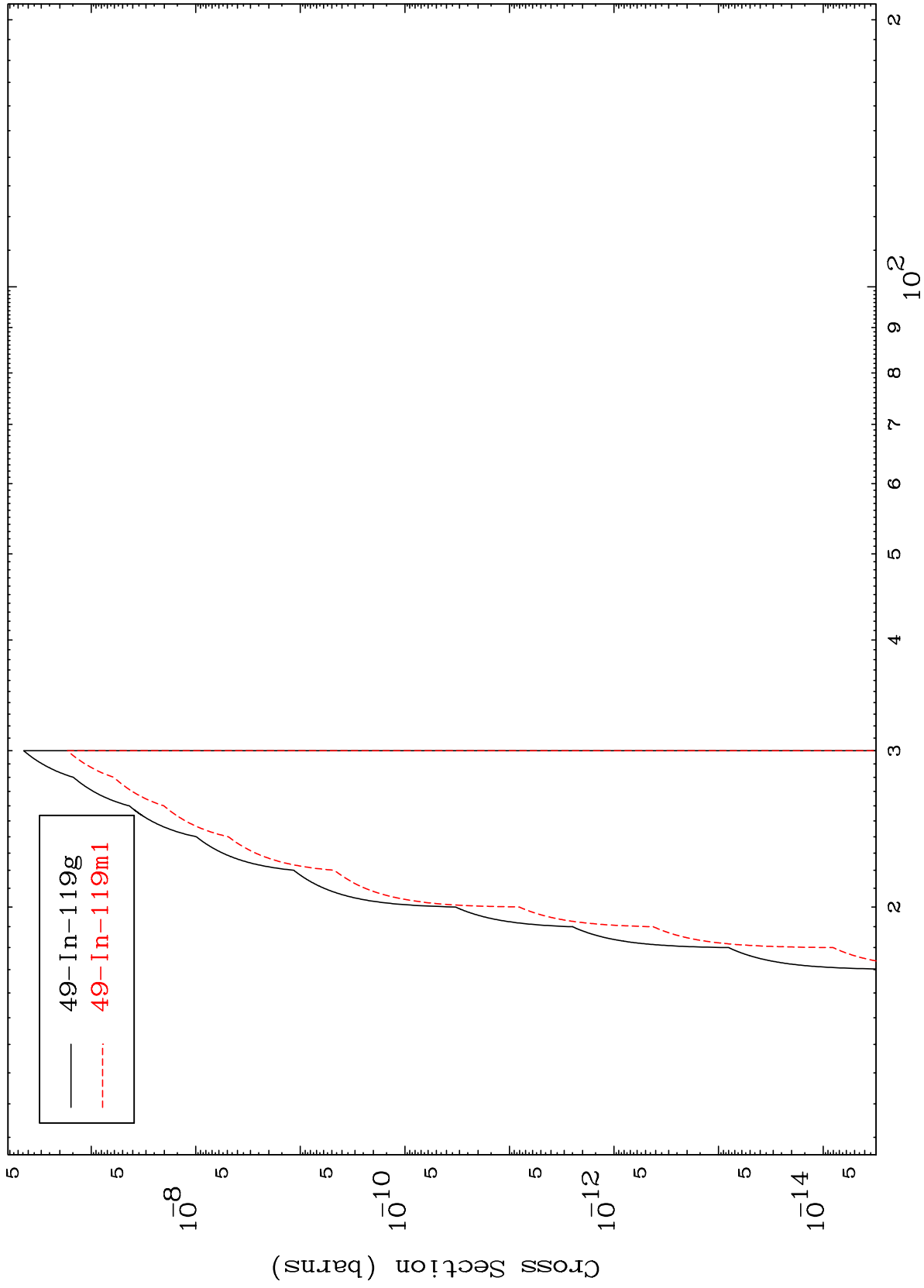
50-Sn-120

MAT 5049

(n,p) t

50-Sn-120

Radionuclide Production Cross Section



30

Incident Energy (MeV)

50-Sn-120

MAT 5049

(n,d) α

50-Sn-120

Radionuclide Production Cross Section

