

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

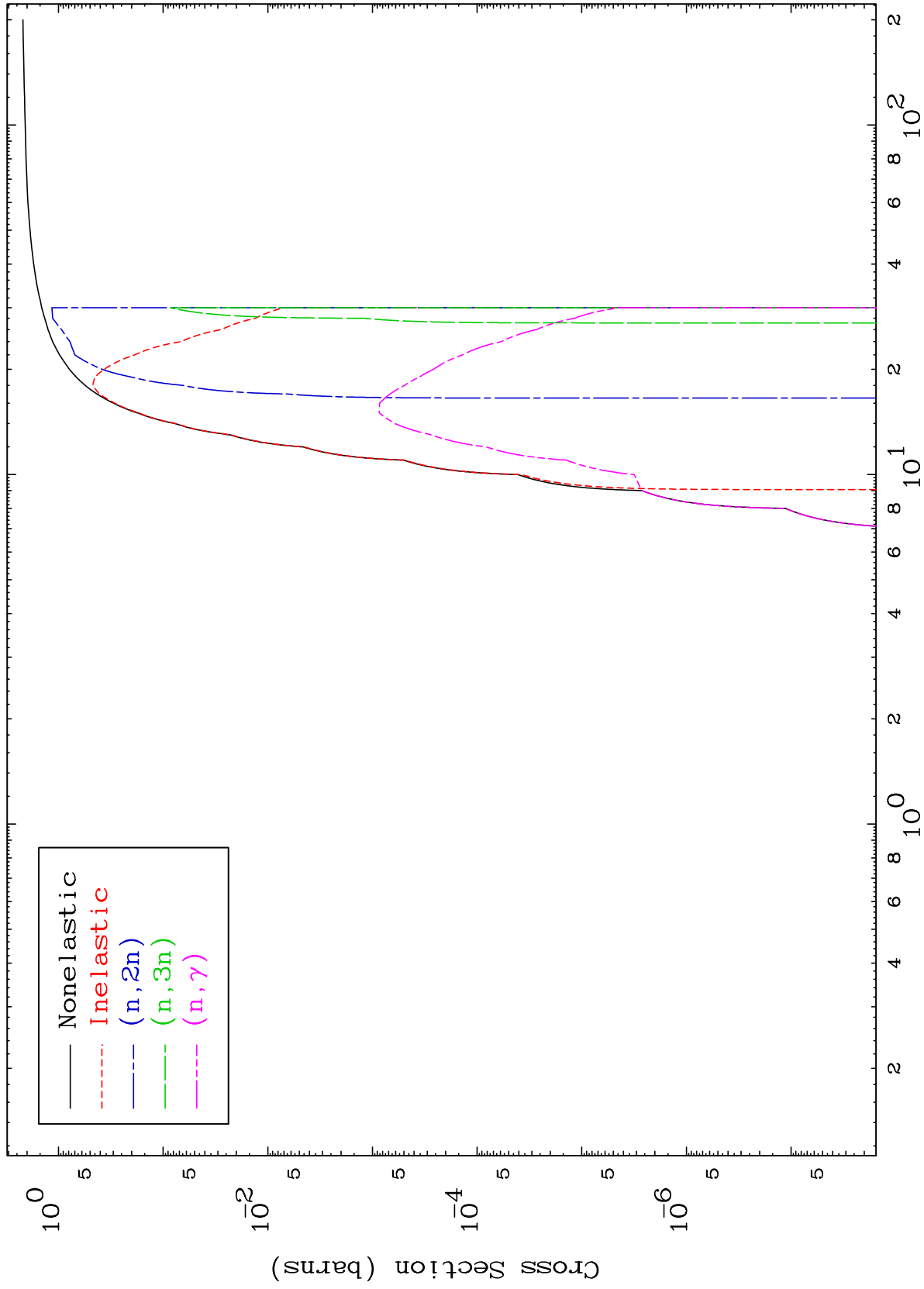
Press Mouse Button to Start

MAT 5043

0 Kelvin

α Major Cross Sections

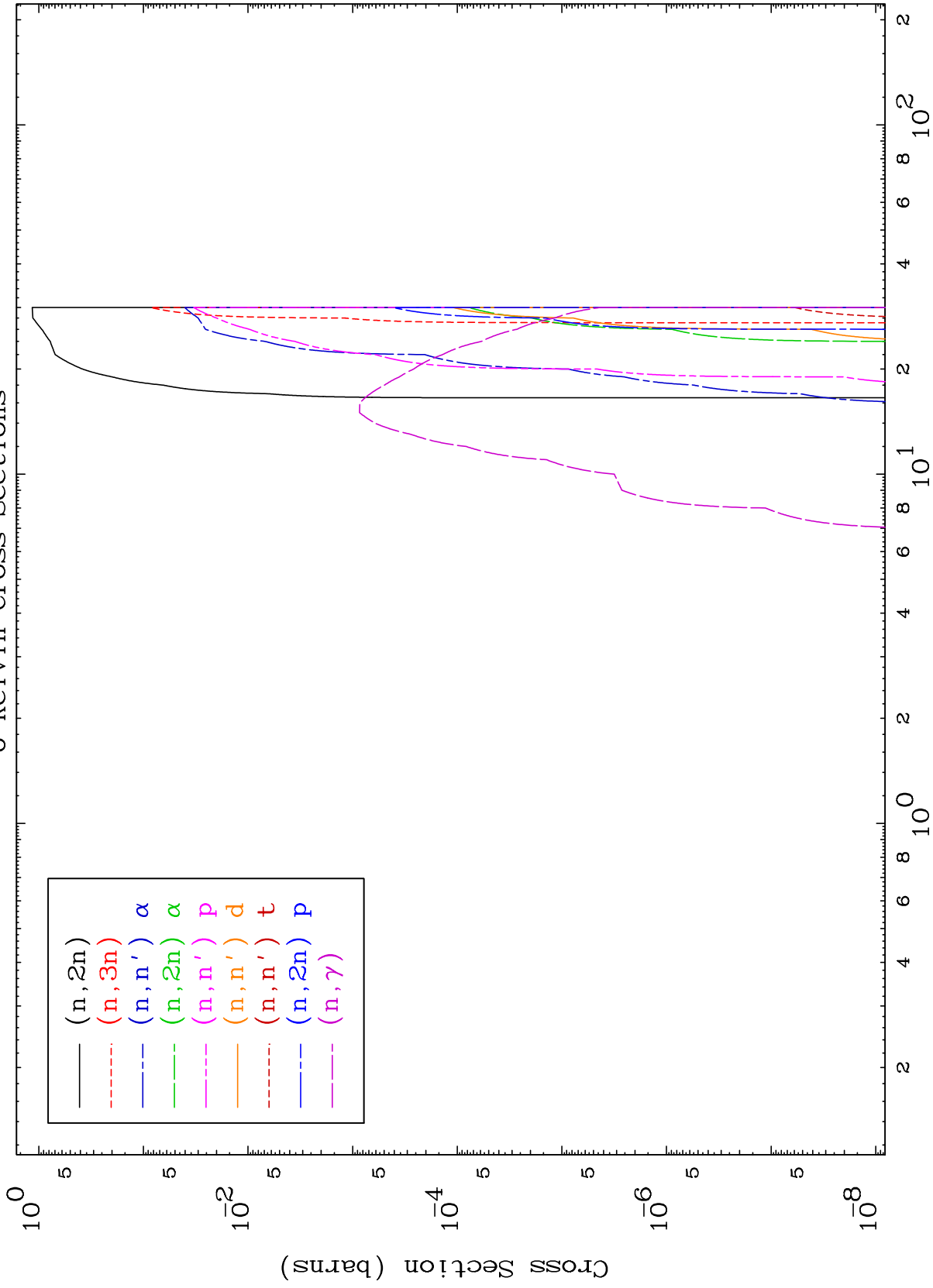
50-Sn-118



MAT 5043

α Neutron Absorption
0 Kelvin Cross Sections

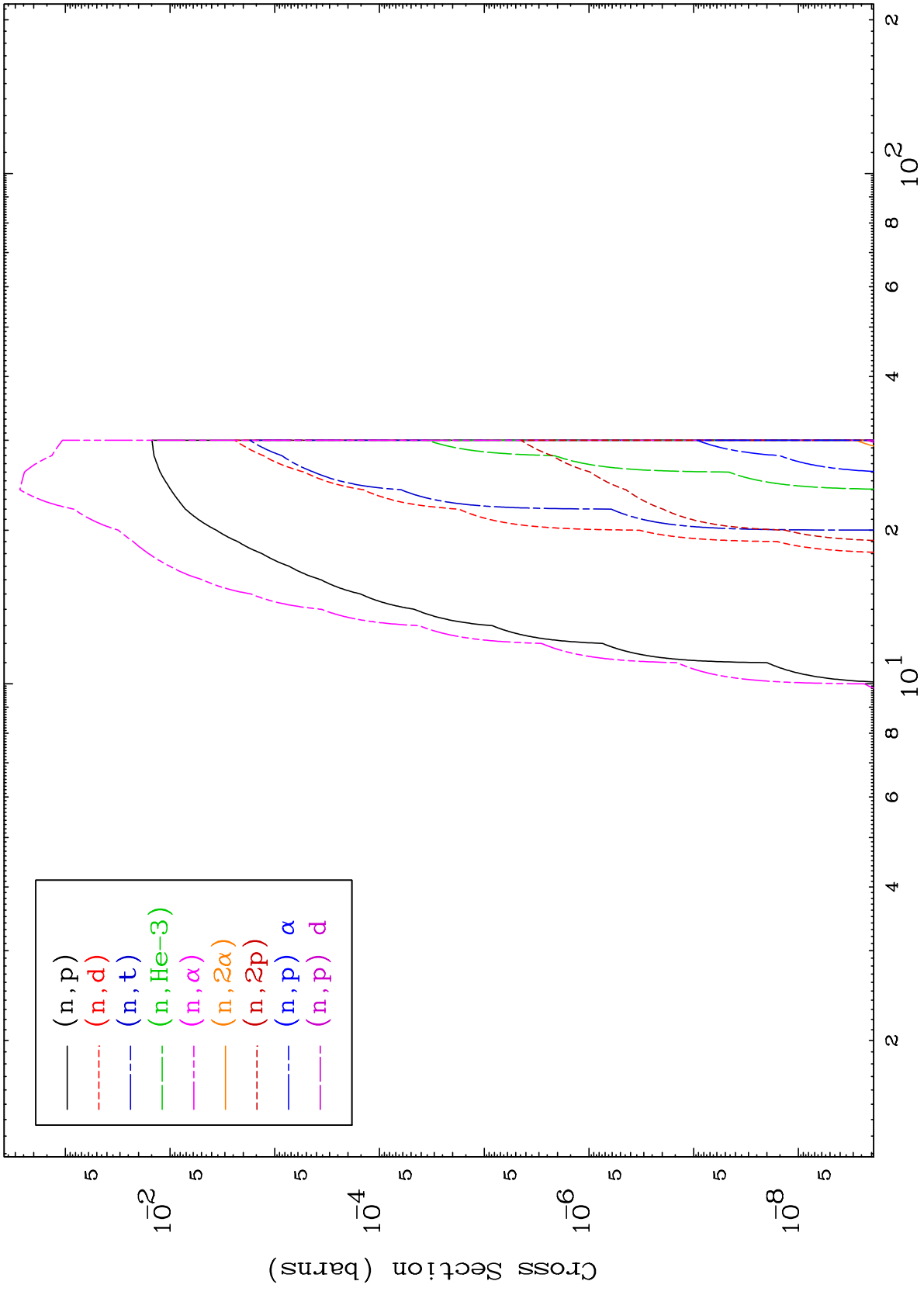
50-Sn-118

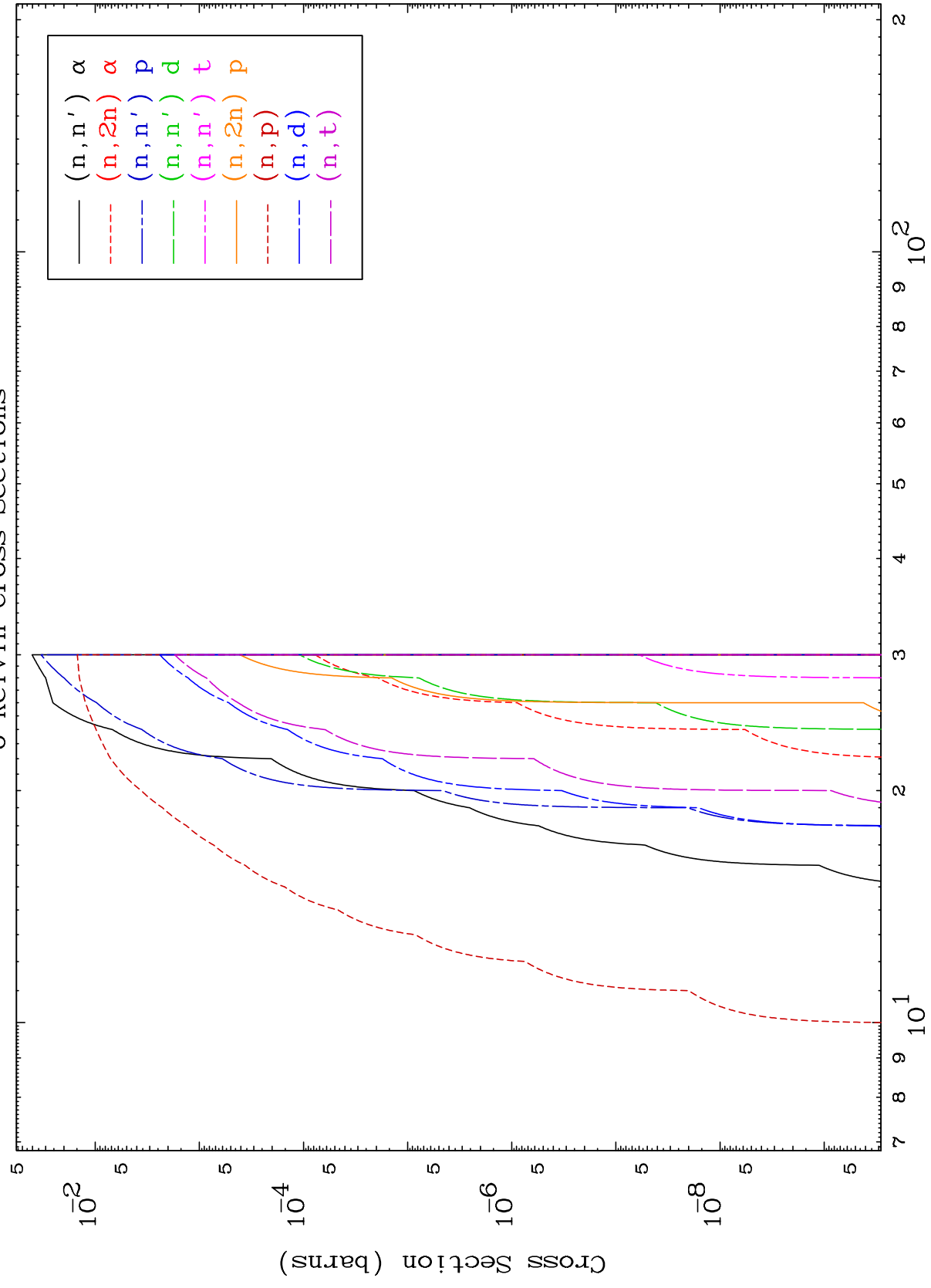


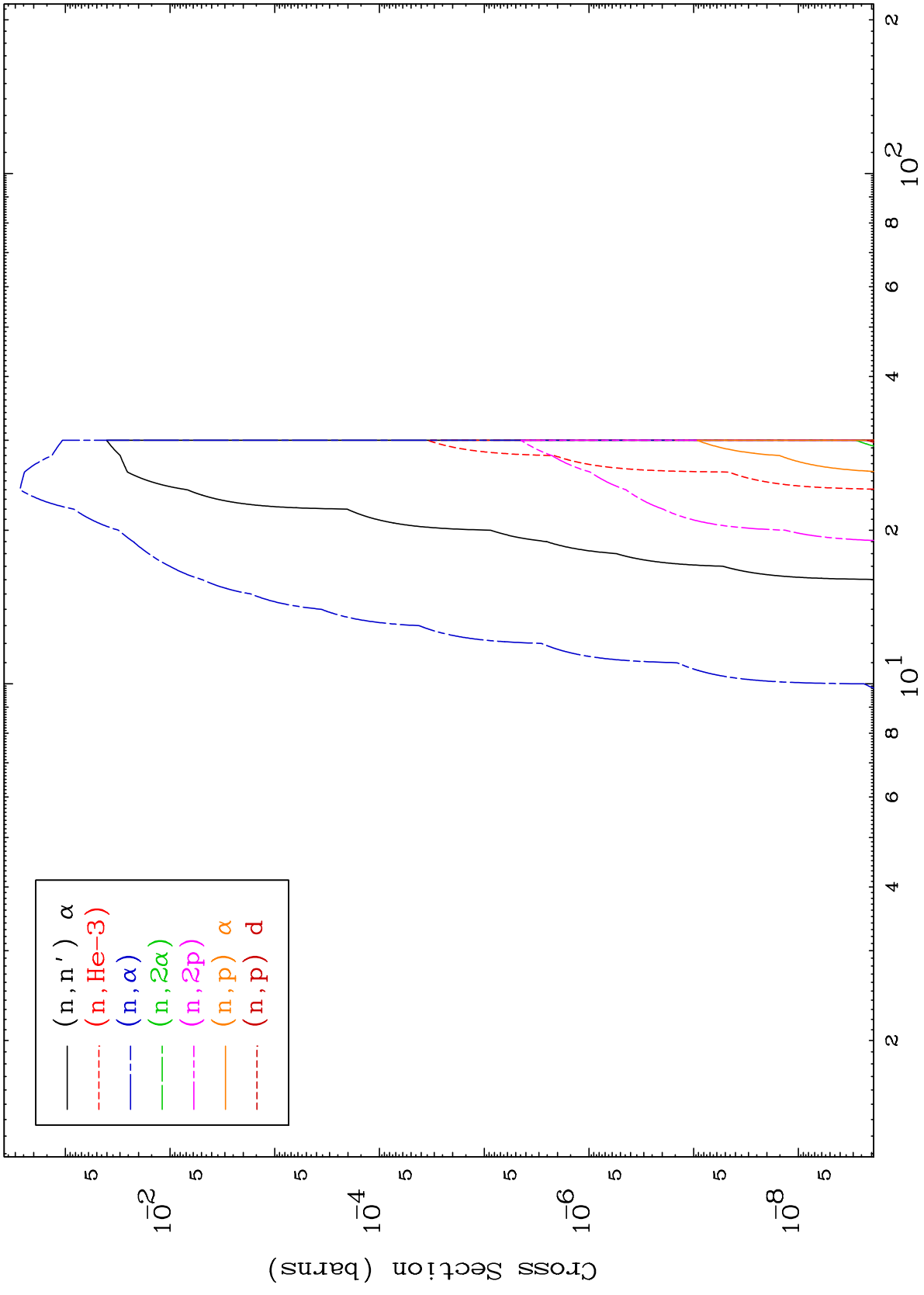
2

Incident Energy (MeV)

50-Sn-118



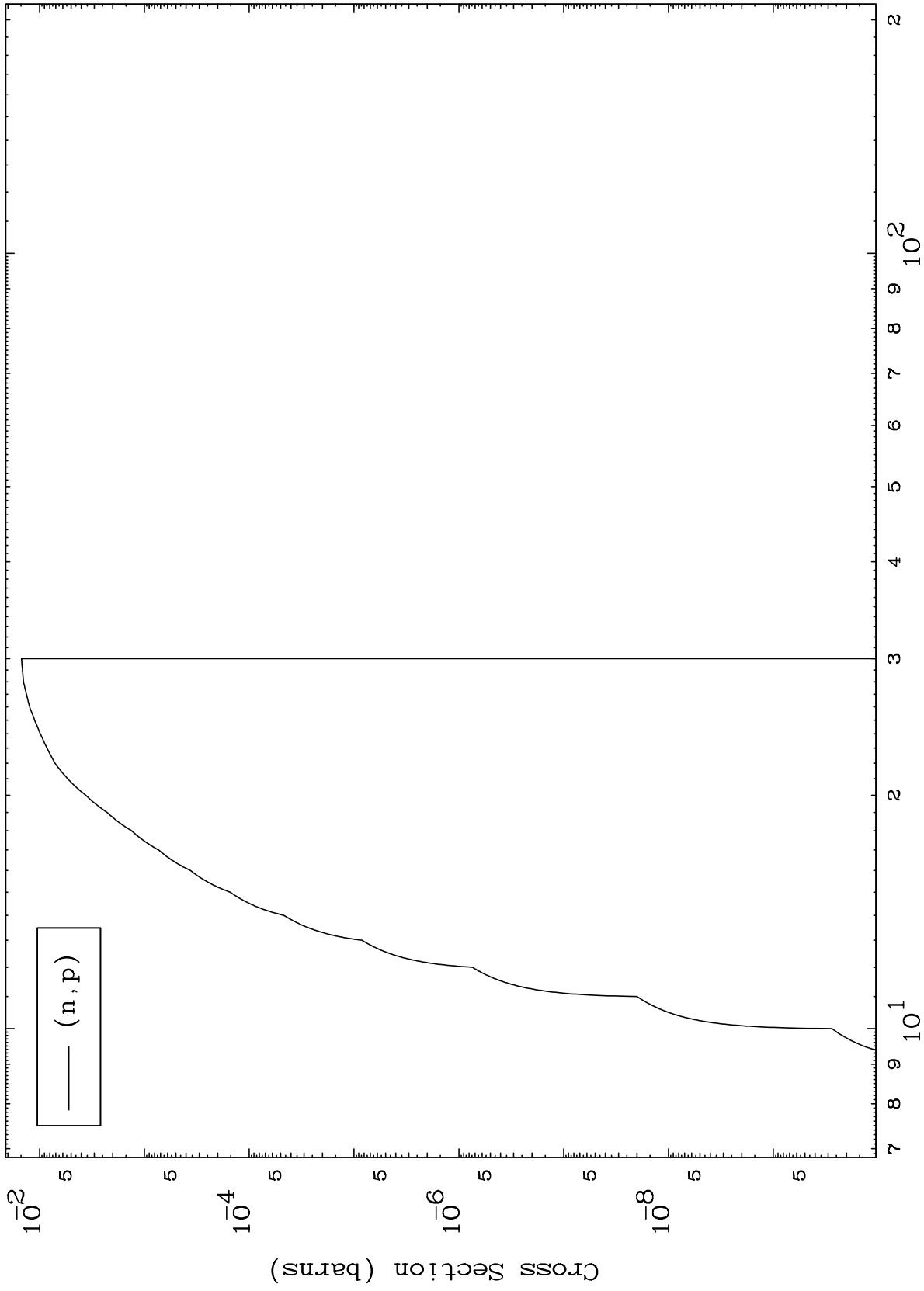




MAT 5043

(α, p) Levels
0 Kelvin Cross Sections

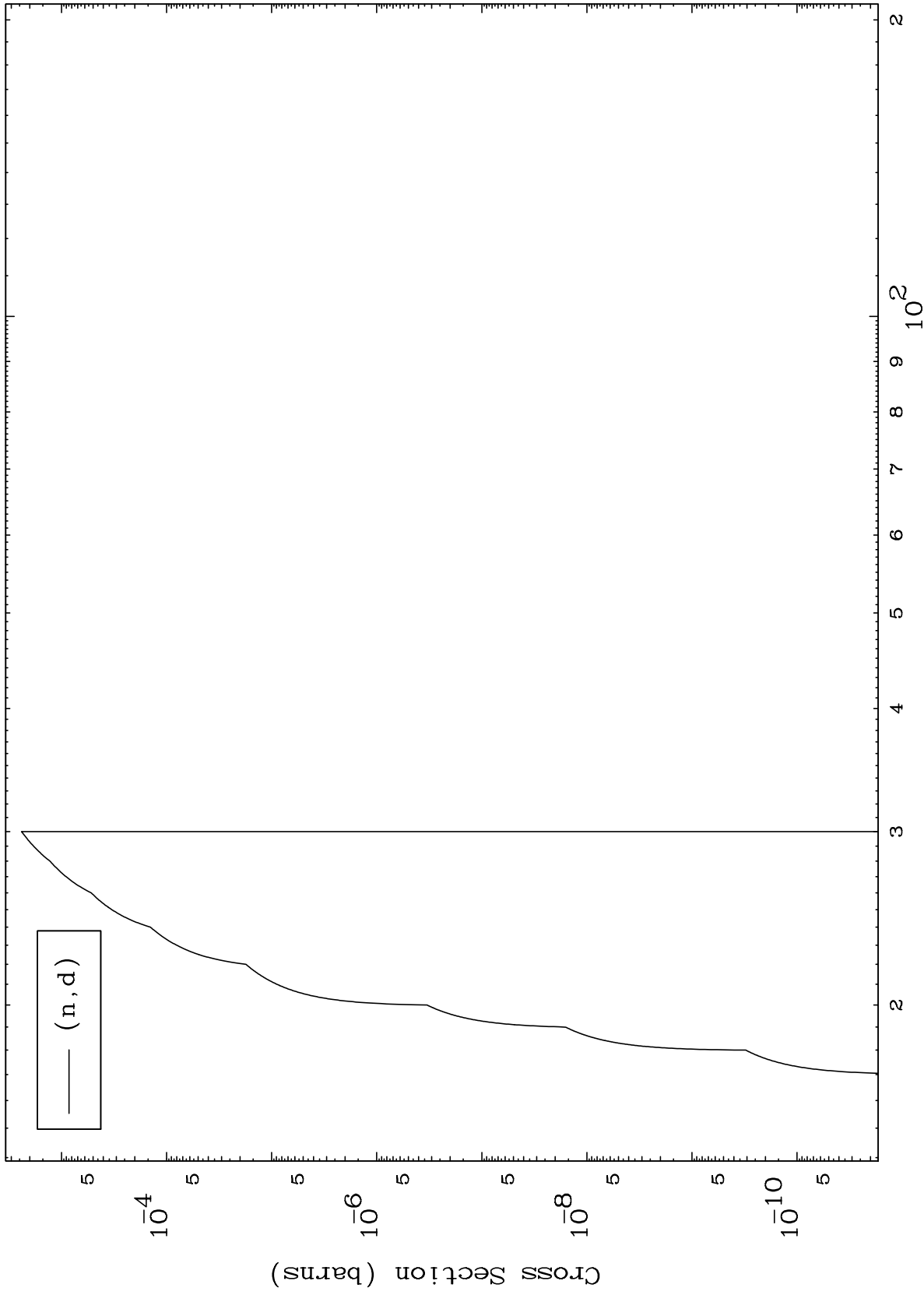
50-Sn-118



MAT 5043

(α, d) Levels
0 Kelvin Cross Sections

50-Sn-118



7

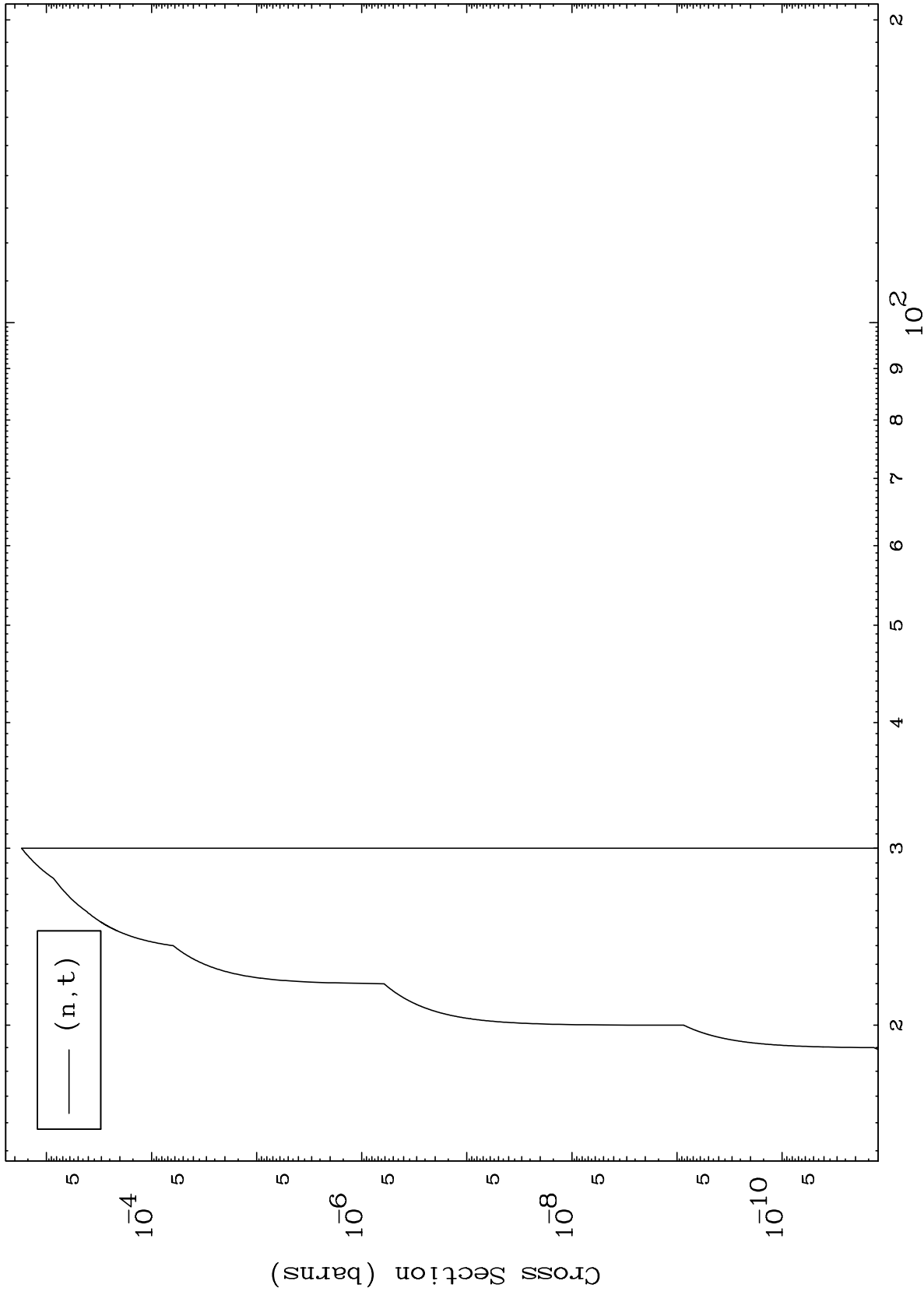
Incident Energy (MeV)

50-Sn-118

MAT 5043

(α, t) Levels
0 Kelvin Cross Sections

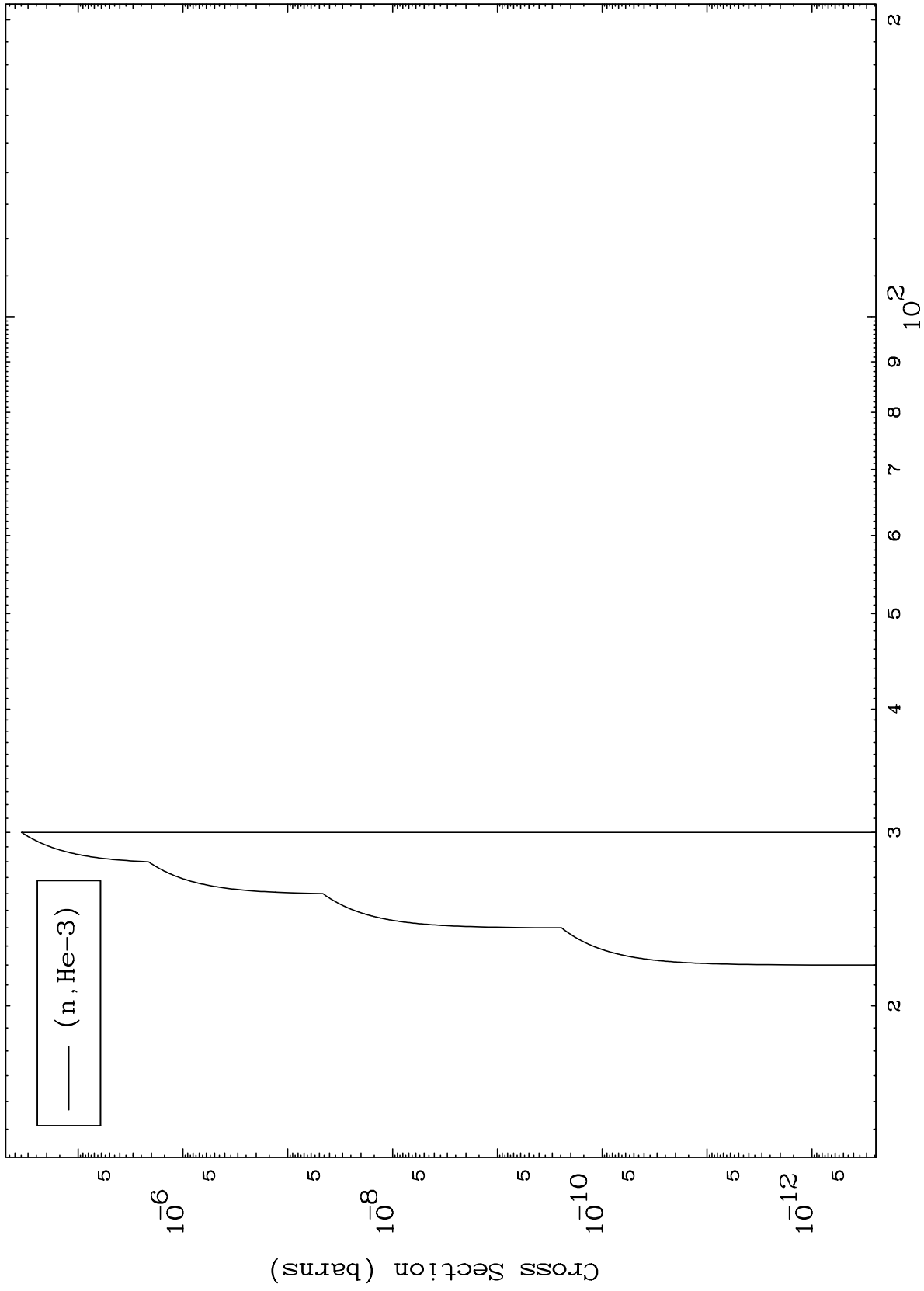
50-Sn-118



8

Incident Energy (MeV)

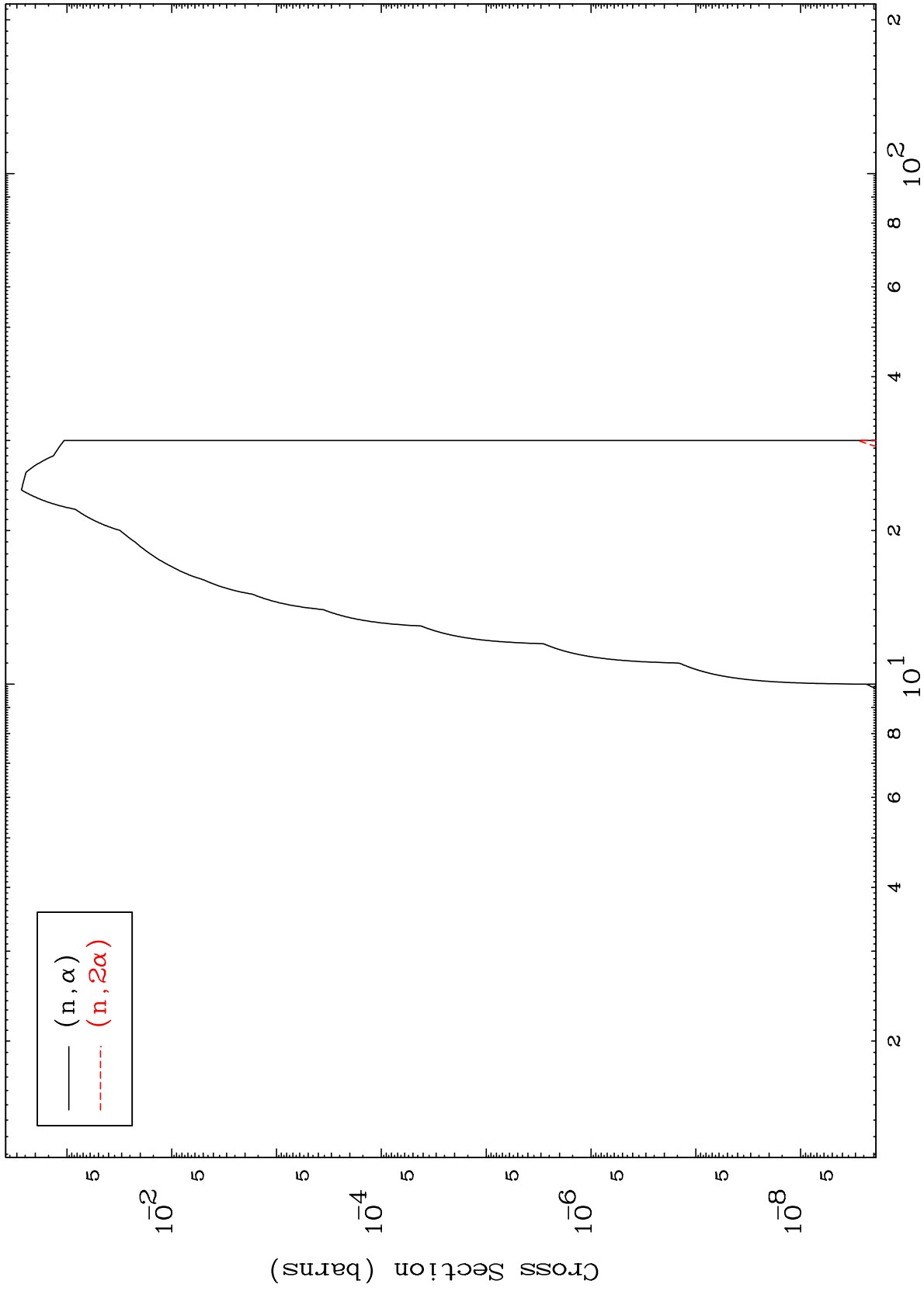
50-Sn-118



MAT 5043

(α, α) Levels
0 Kelvin Cross Sections

50-Sn-118



10

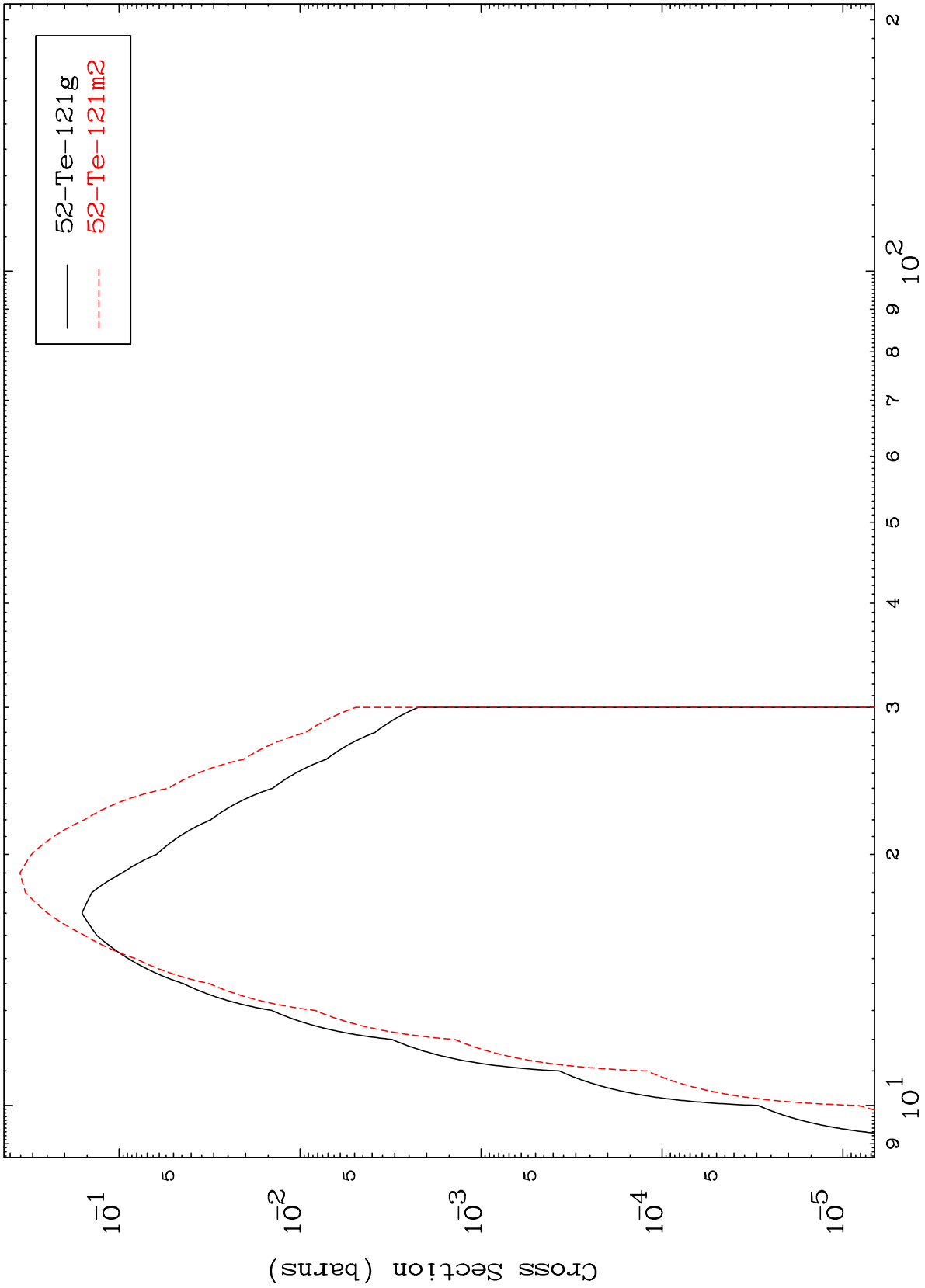
Incident Energy (MeV)

50-Sn-118

MAT 5043

50-Sn-118

Inelastic
Radionuclide Production Cross Section



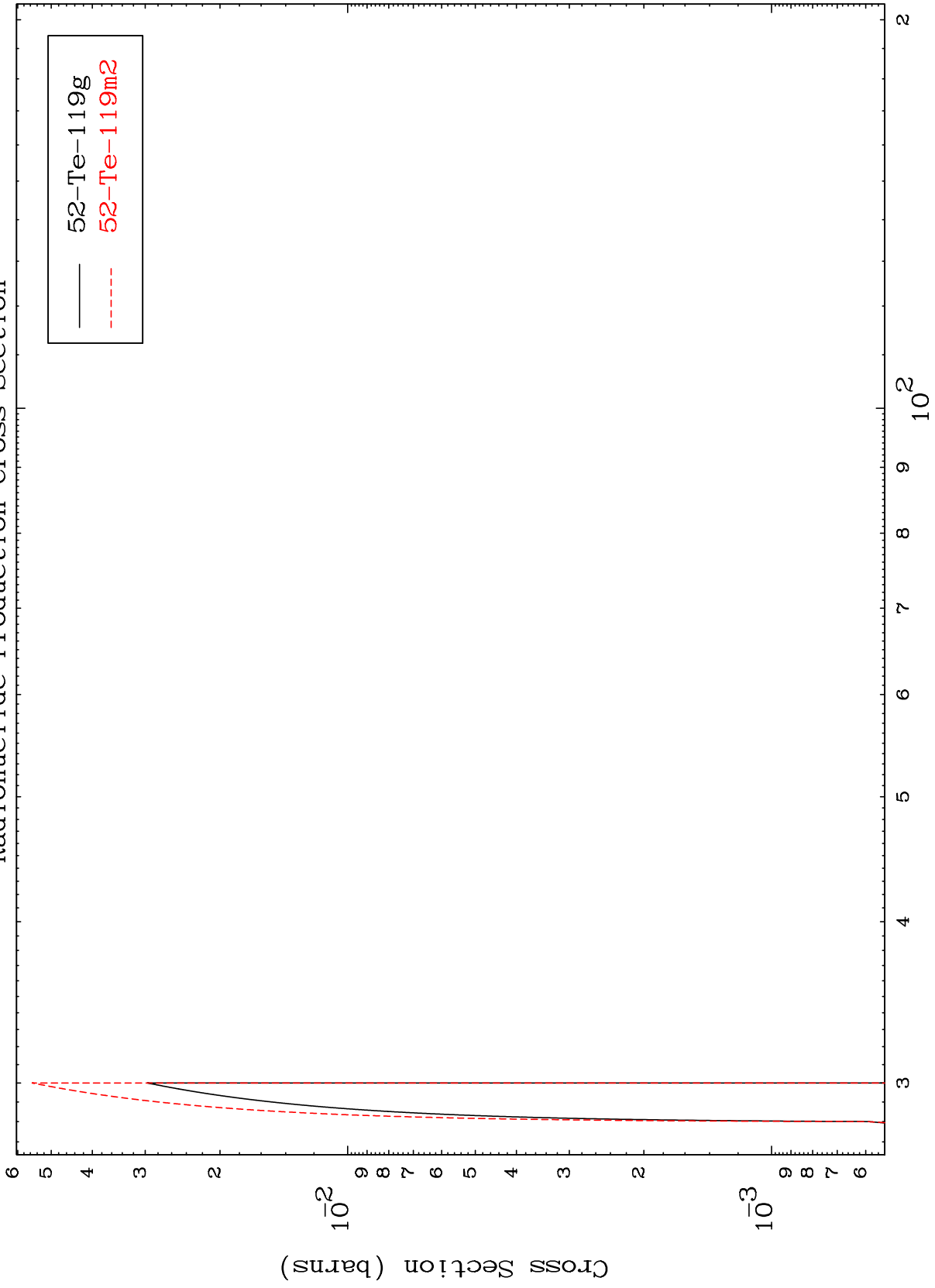
11

50-Sn-118

MAT 5043

50-Sn-118

(n,3n)
Radionuclide Production Cross Section



12

50-Sn-118

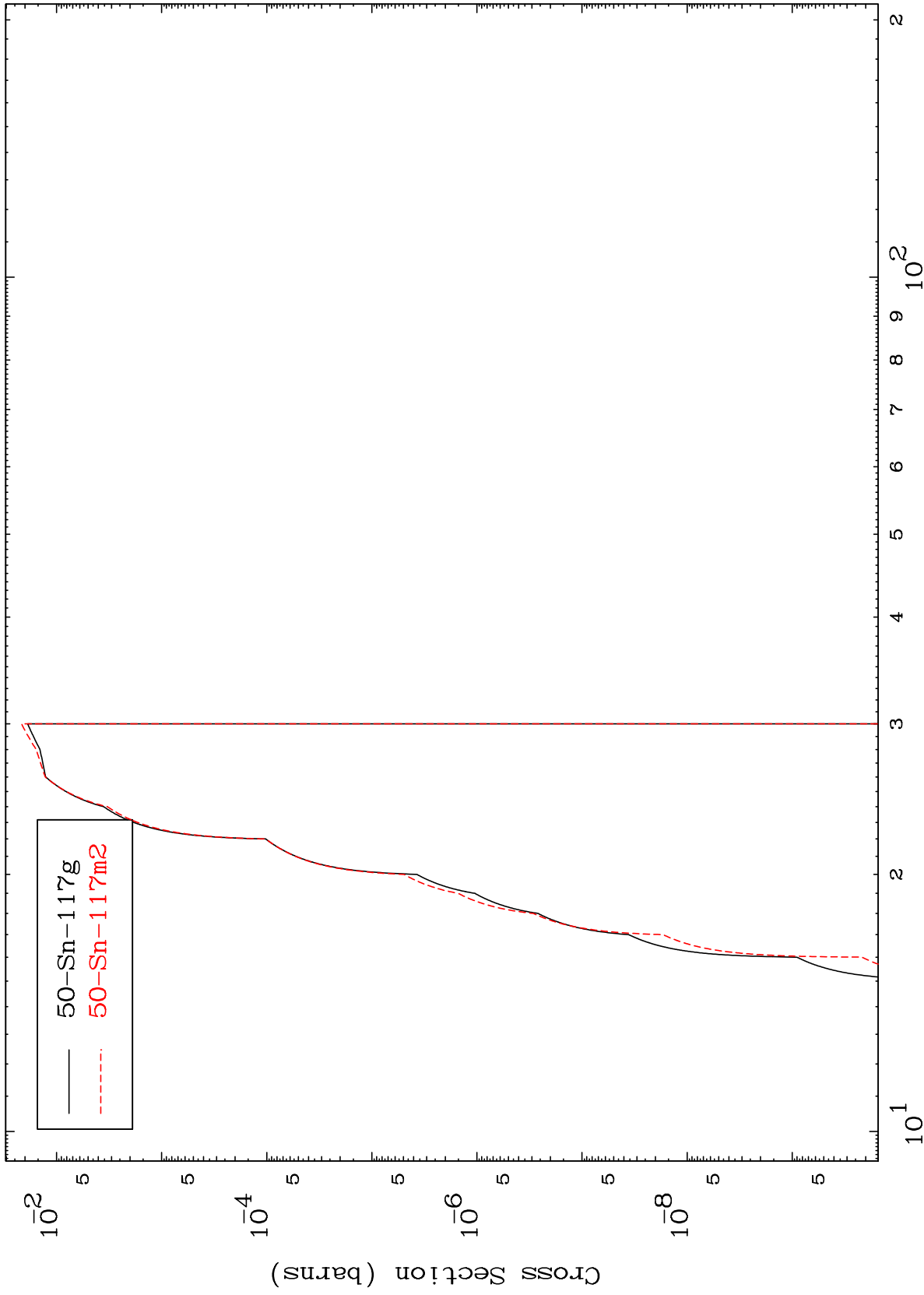
Incident Energy (MeV)

MAT 5043

(n,n') α

50-Sn-118

Radionuclide Production Cross Section



13

Incident Energy (MeV)

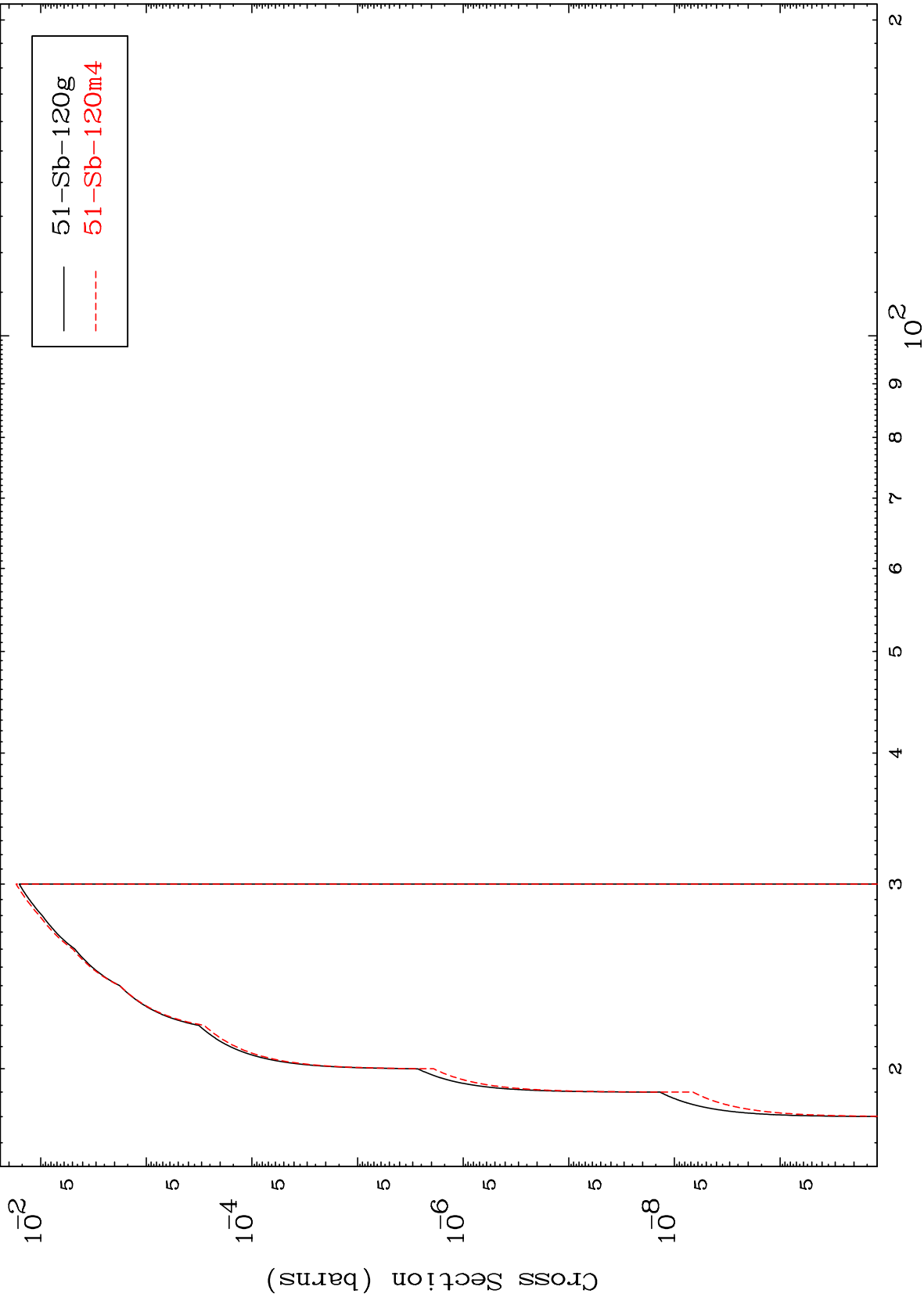
50-Sn-118

MAT 5043

(n,n') p

50-Sn-118

Radionuclide Production Cross Section



14

Incident Energy (MeV)

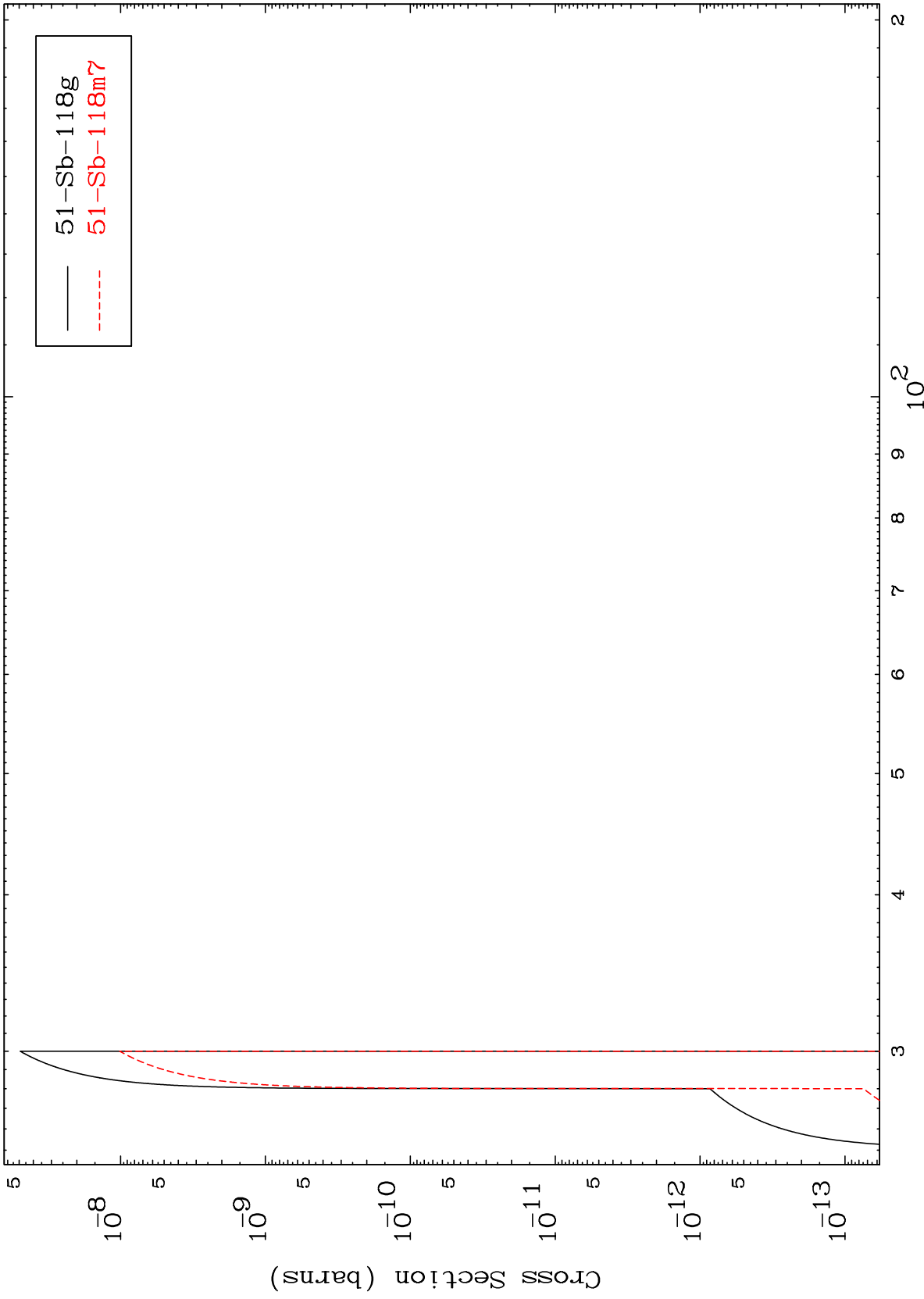
50-Sn-118

MAT 5043

(n,n') t

50-Sn-118

Radionuclide Production Cross Section



15

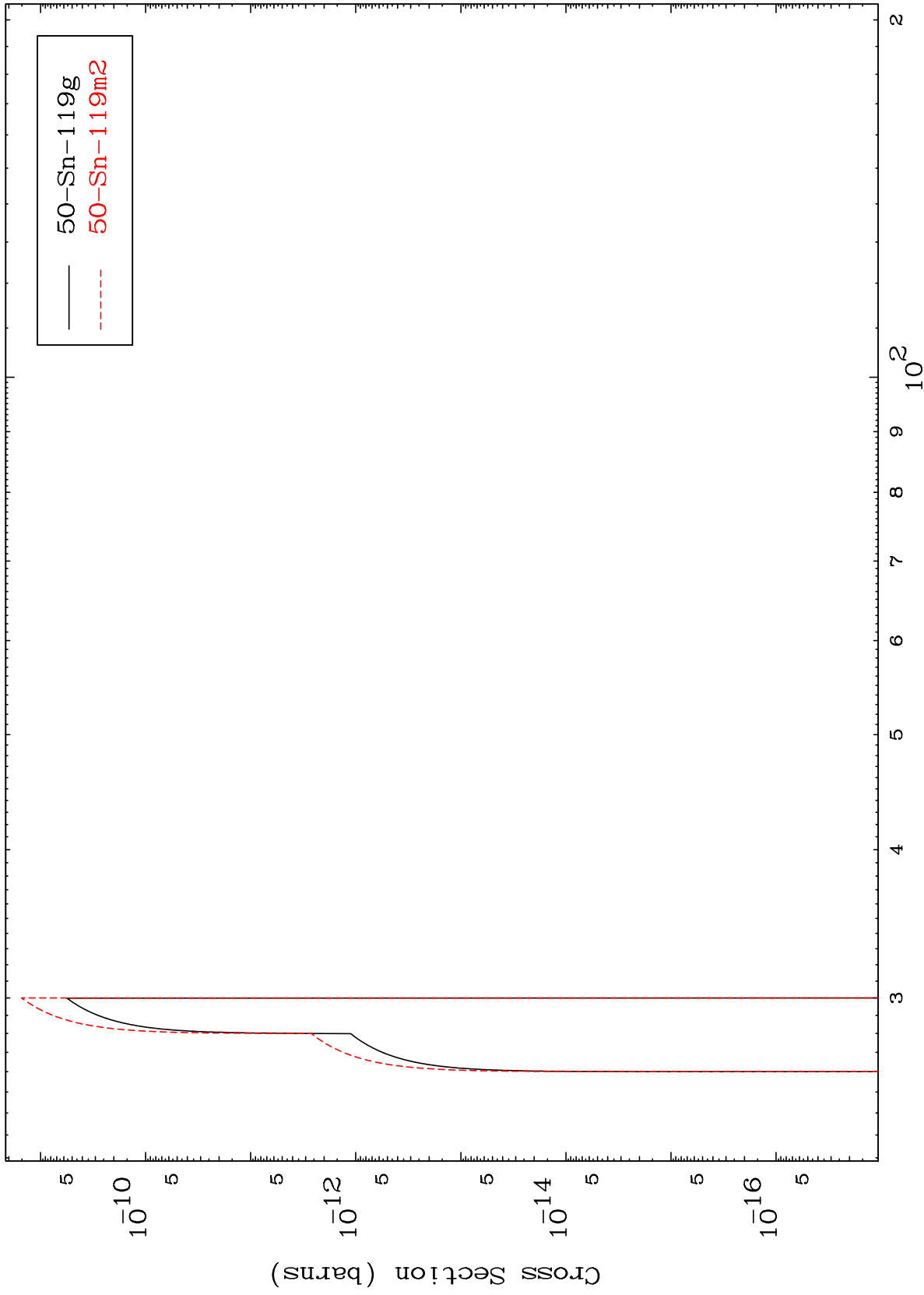
Incident Energy (MeV)

50-Sn-118

MAT 5043

50-Sn-118

(n,2n) p
Radionuclide Production Cross Section



16

Incident Energy (MeV)

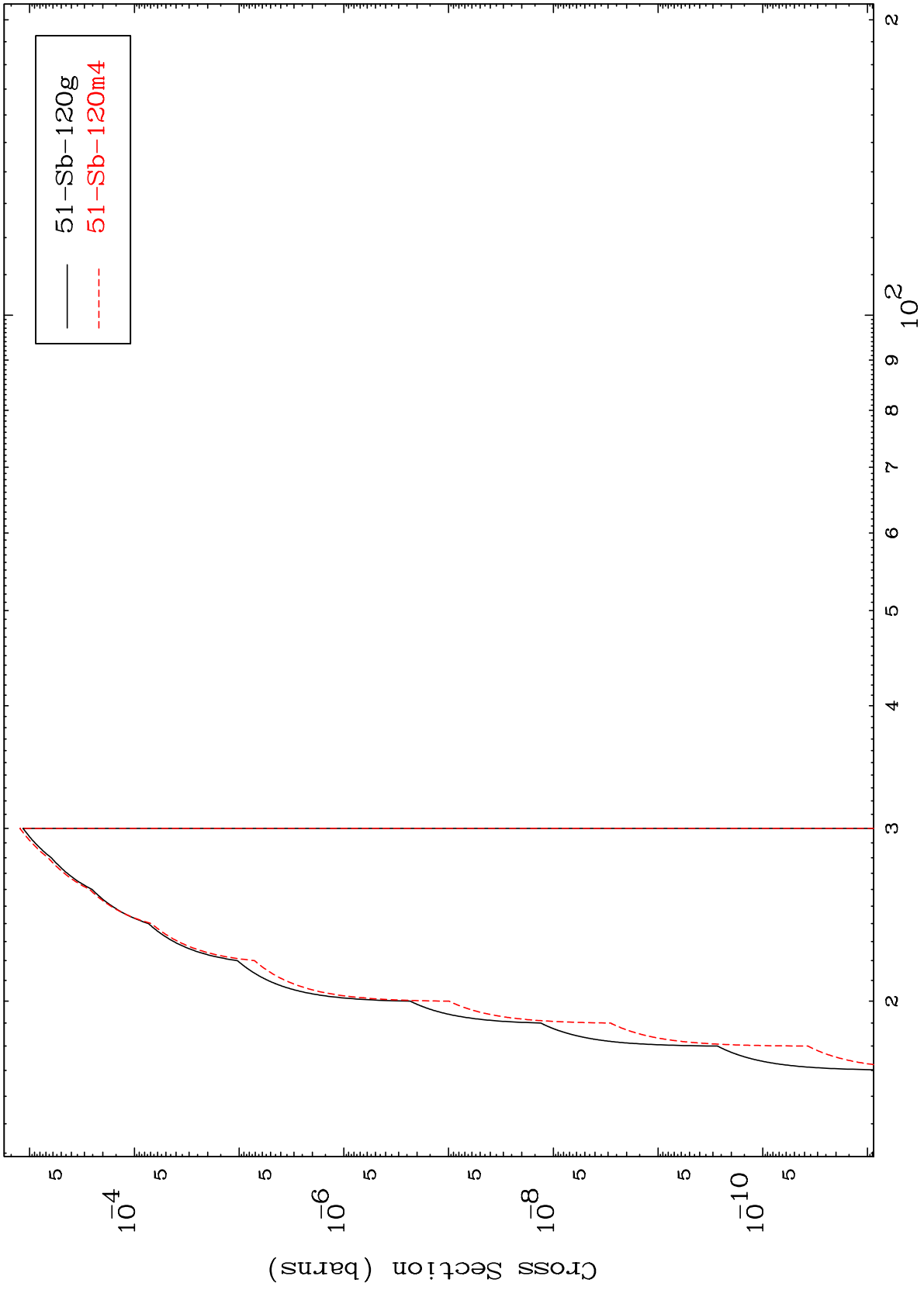
50-Sn-118

MAT 5043

(n,d)

50-Sn-118

Radionuclide Production Cross Section



17

Incident Energy (MeV)

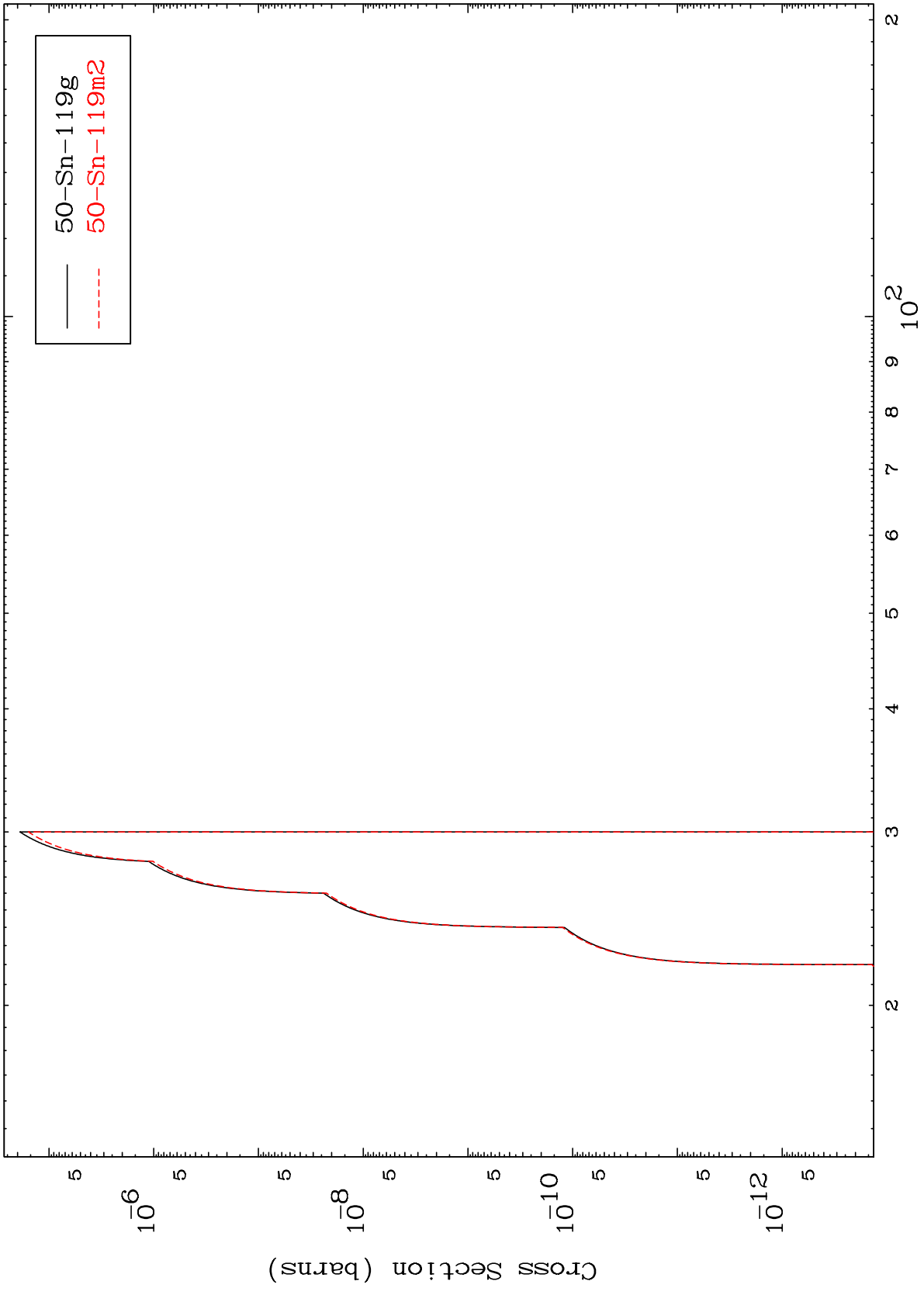
50-Sn-118

MAT 5043

(n, He-3)

50-Sn-118

Radionuclide Production Cross Section



18

Incident Energy (MeV)

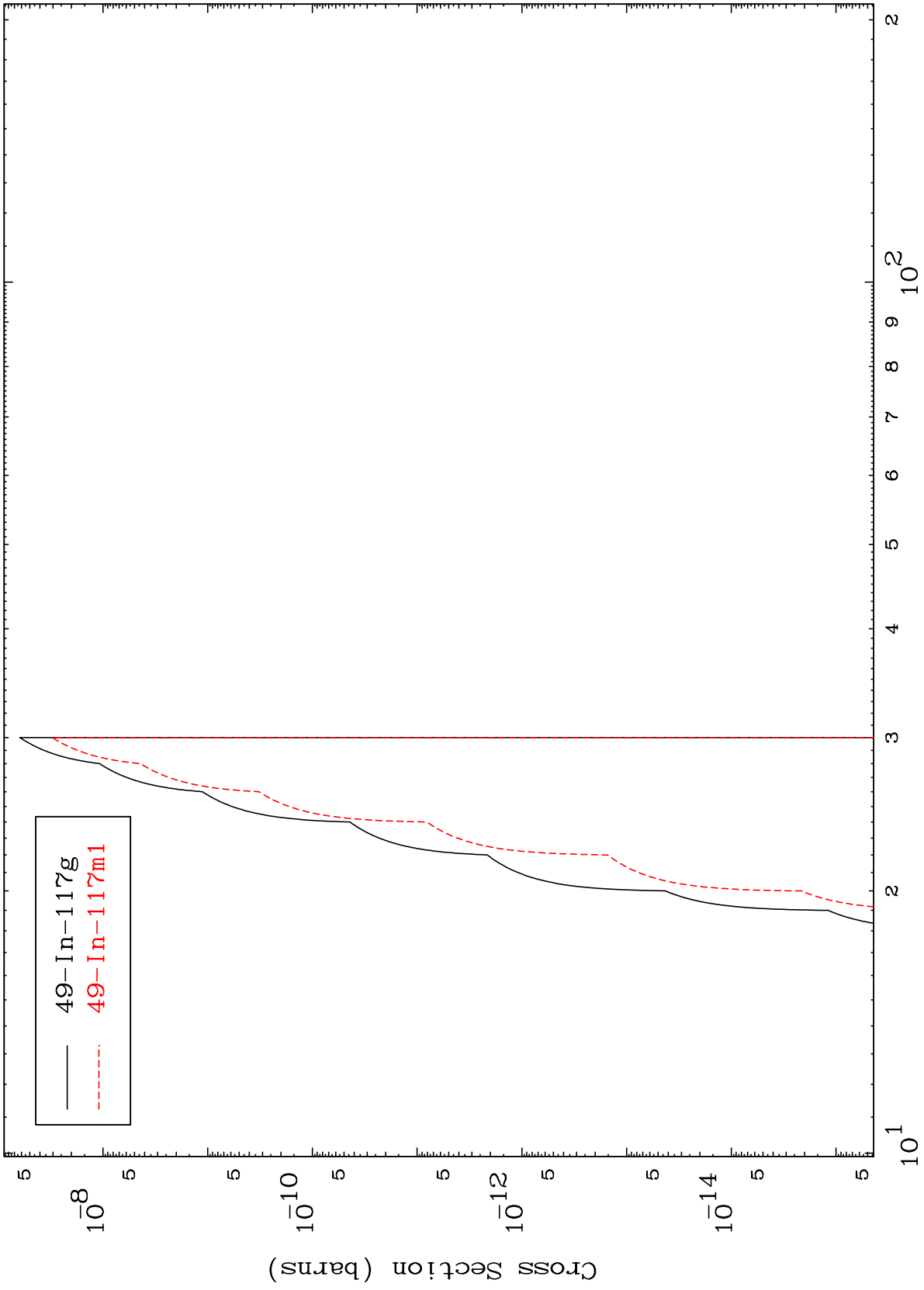
50-Sn-118

MAT 5043

(n,p) α

50-Sn-118

Radionuclide Production Cross Section



19

Incident Energy (MeV)

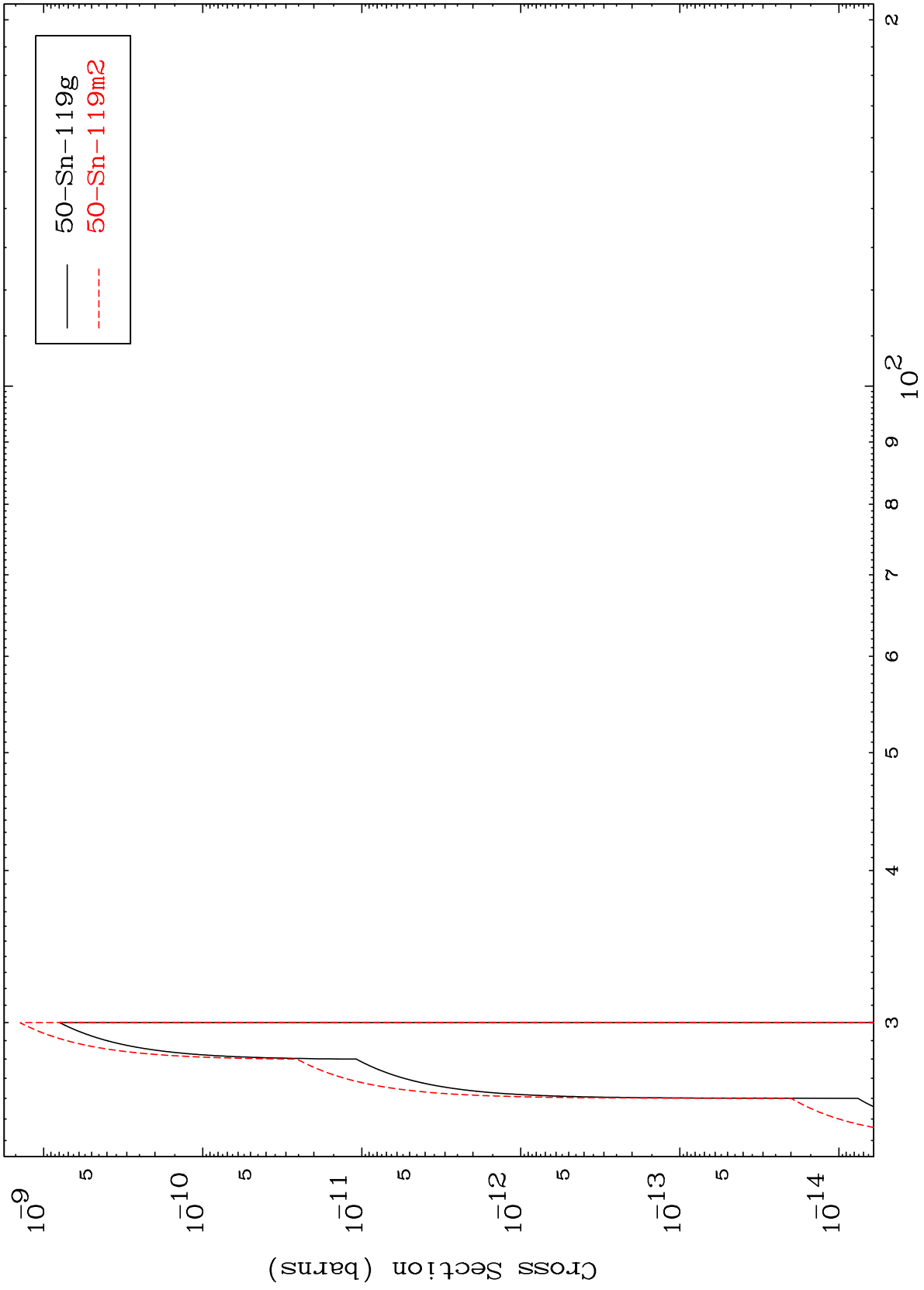
50-Sn-118

MAT 5043

(n,p) d

50-Sn-118

Radionuclide Production Cross Section



20

Incident Energy (MeV)

50-Sn-118