

Program EVALPLOT
(Version 2018-1)

by

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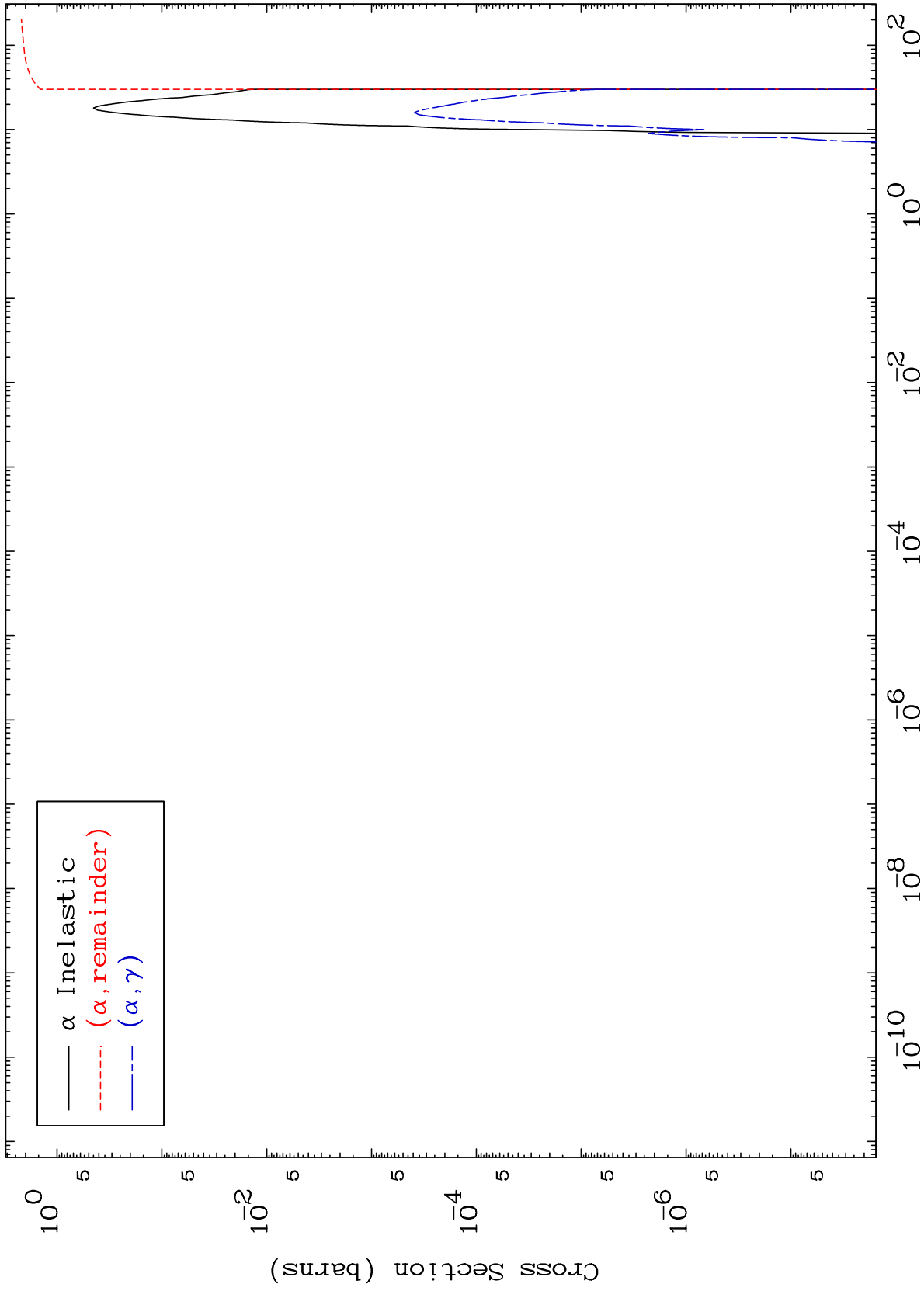
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5043

0 Kelvin α Major
Cross Sections

50-Sn-118

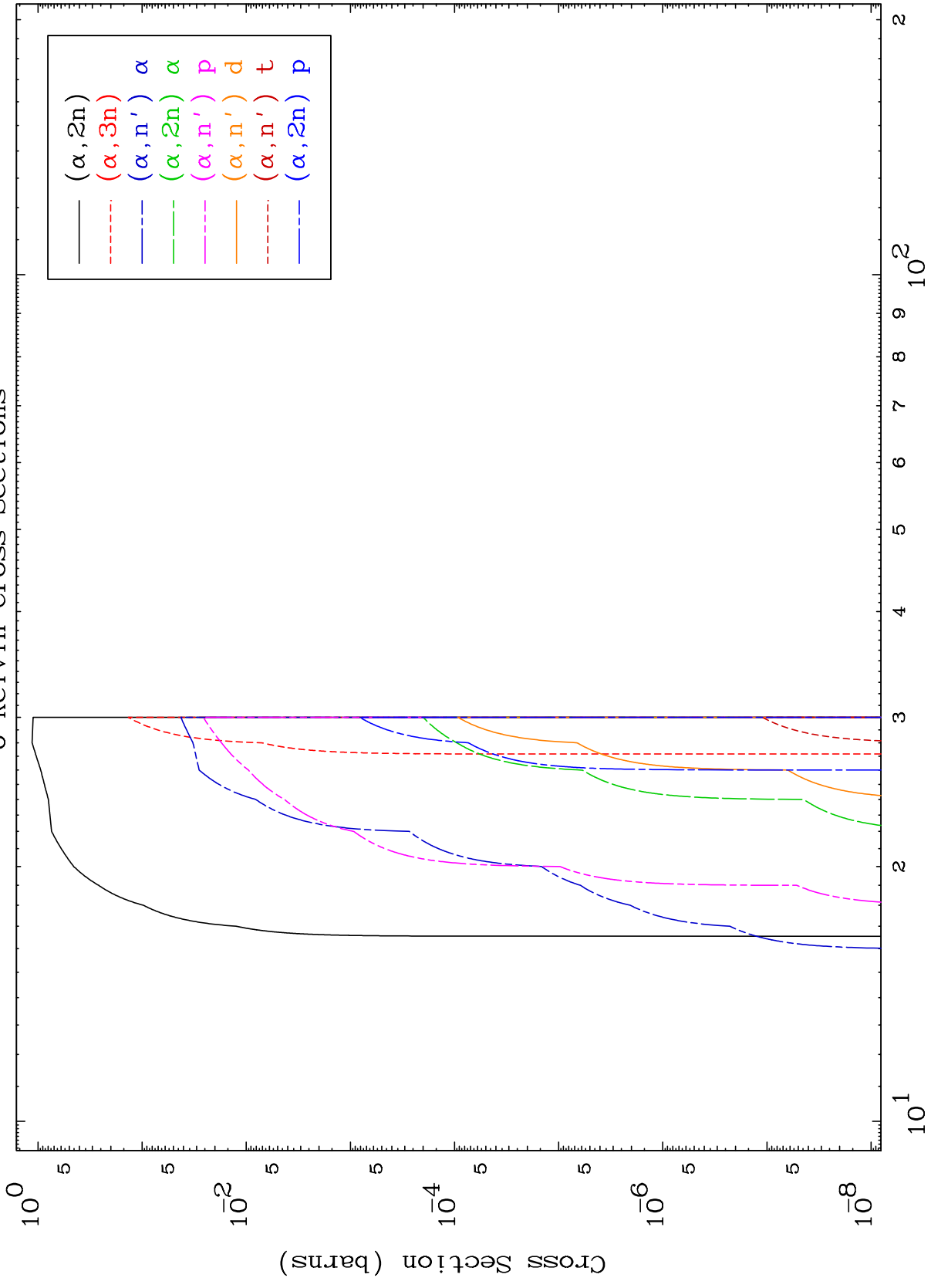


50-Sn-118

MAT 5043

α Neutron Production
0 Kelvin Cross Sections

50-Sn-118



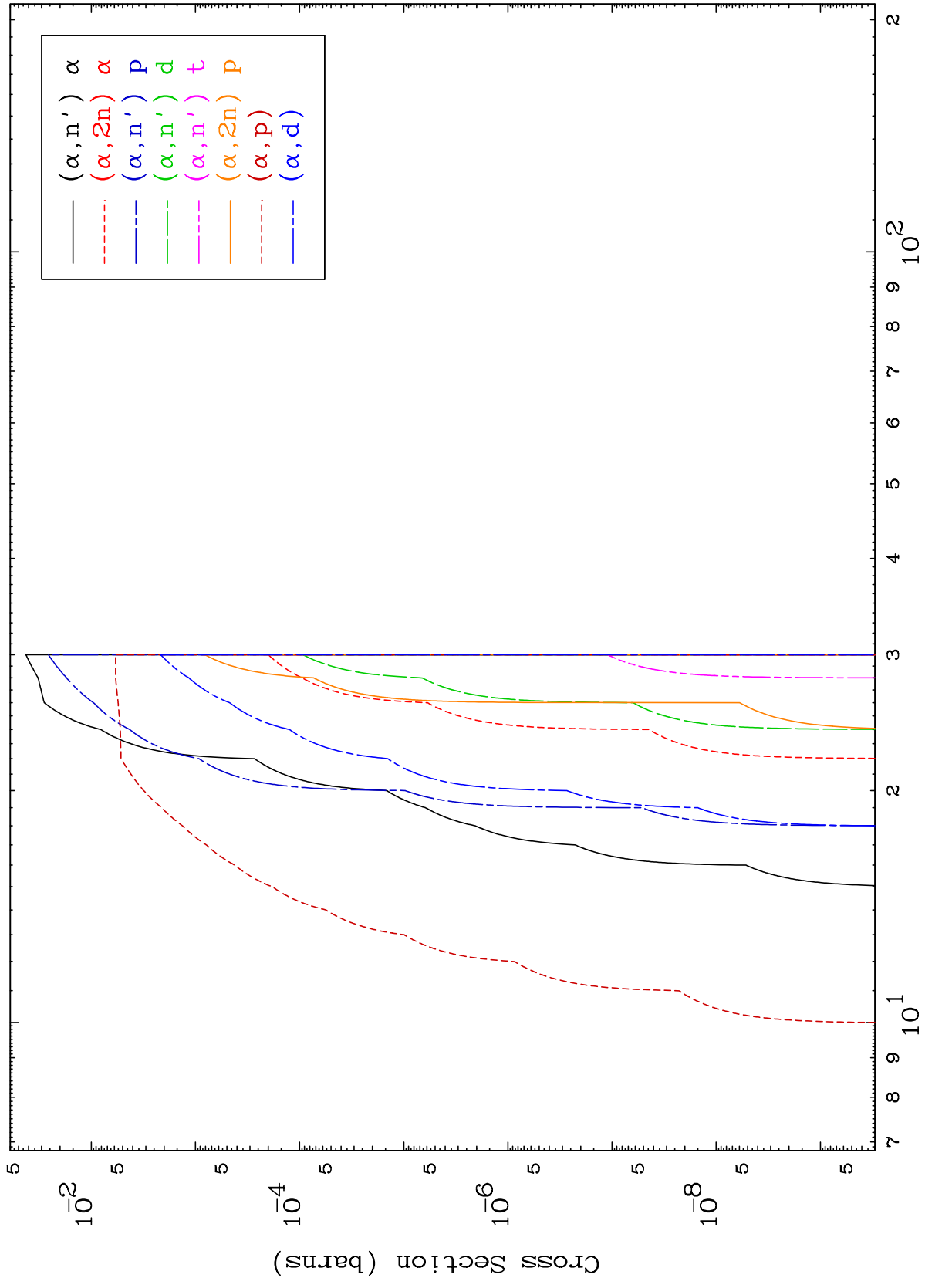
Incident Energy (MeV)

50-Sn-118

MAT 5043

α Charged Particle
0 Kelvin Cross Sections

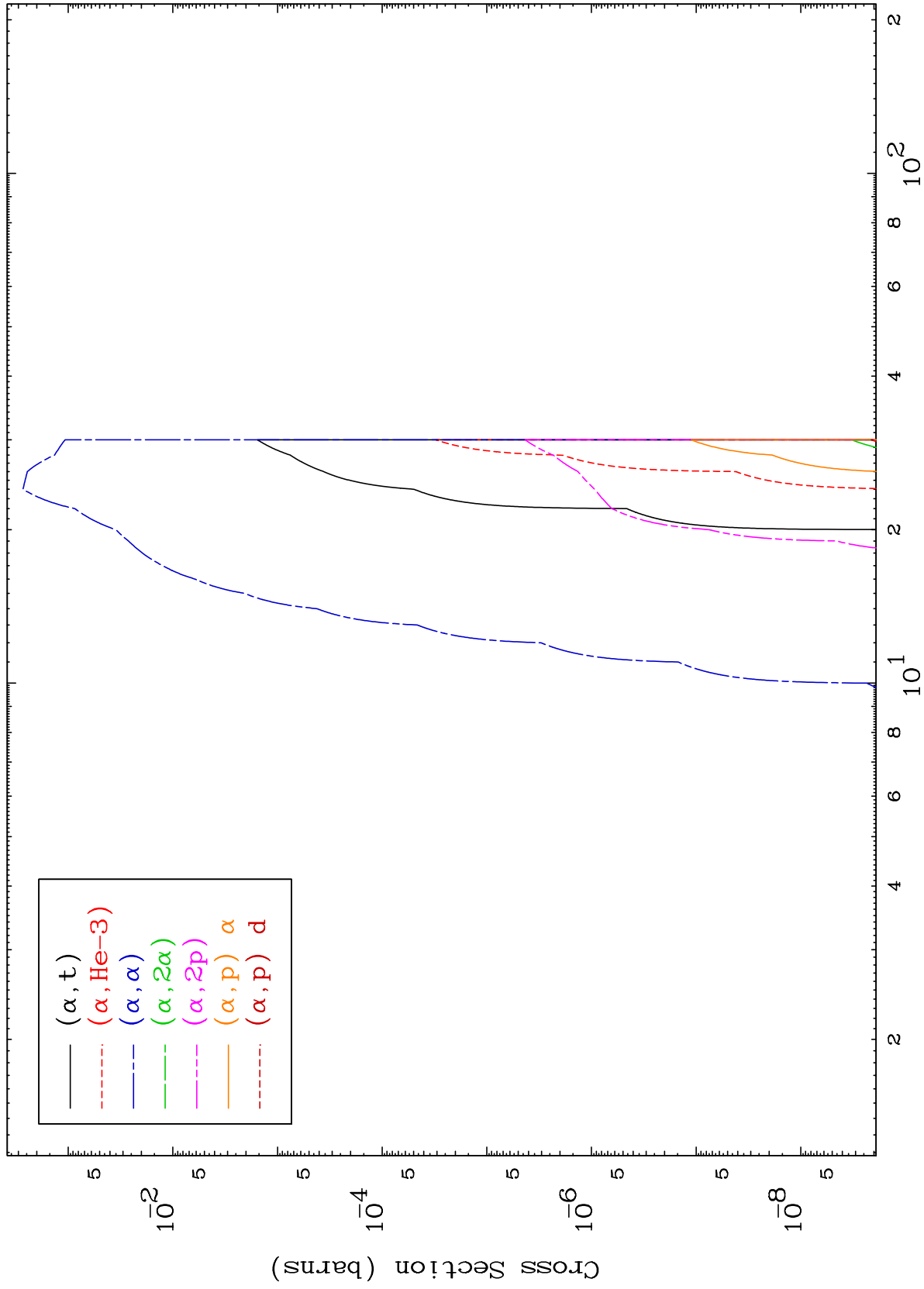
50-Sn-118



50-Sn-118

Incident Energy (MeV)

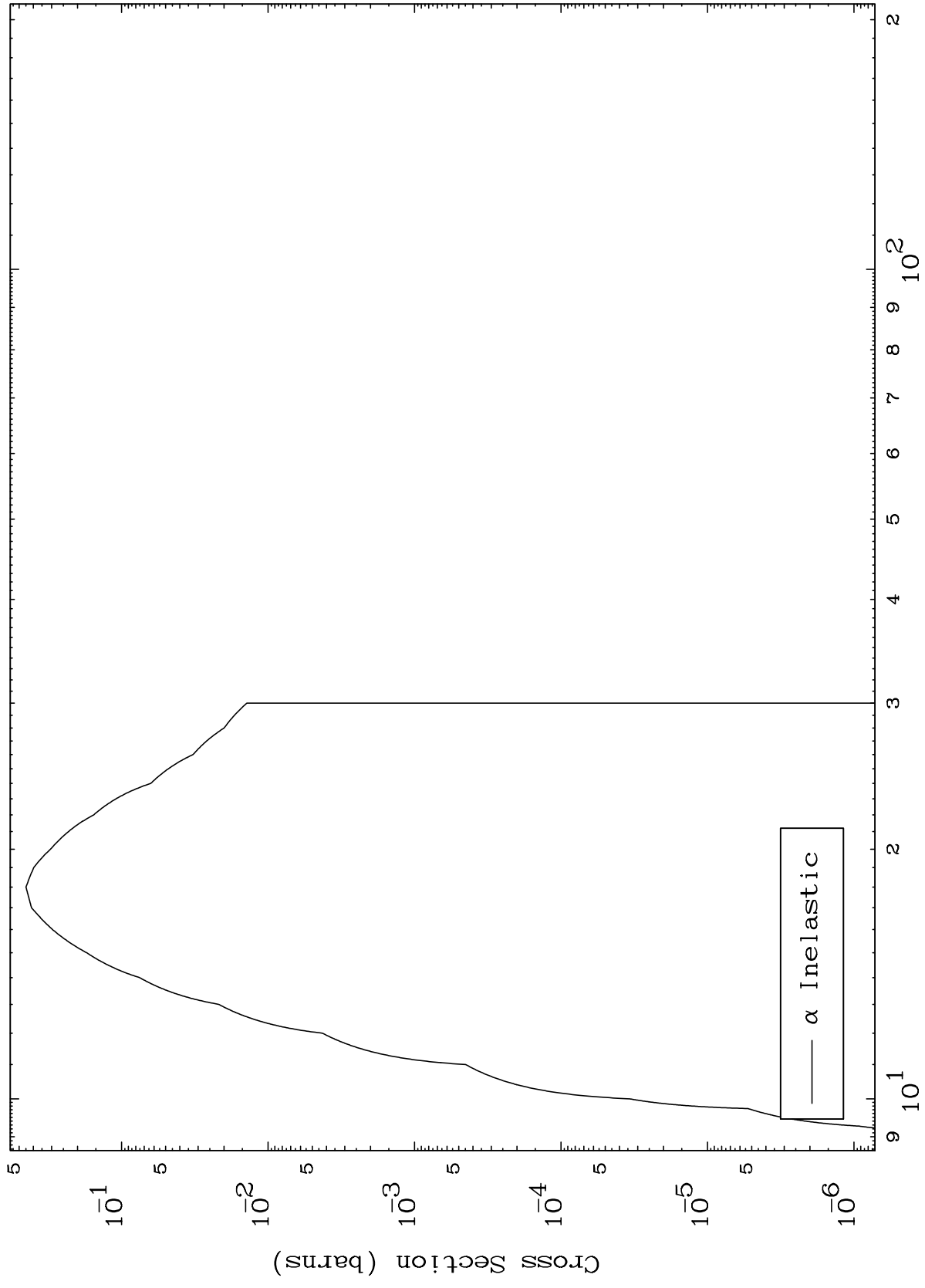
3



MAT 5043

(α, n') Level
0 Kelvin Cross Sections

50-Sn-118



5

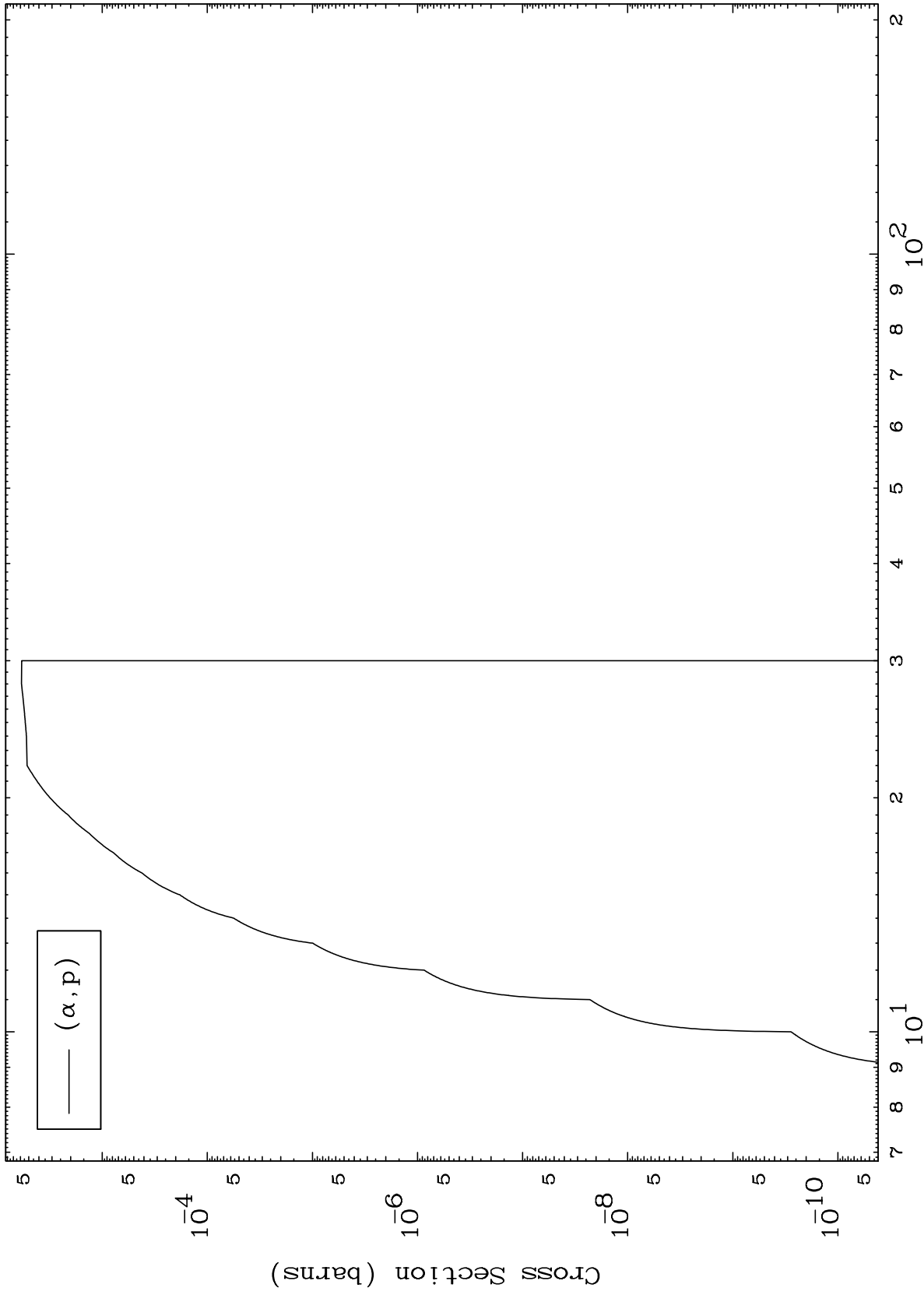
Incident Energy (MeV)

50-Sn-118

MAT 5043

(α, p) Levels
0 Kelvin Cross Sections

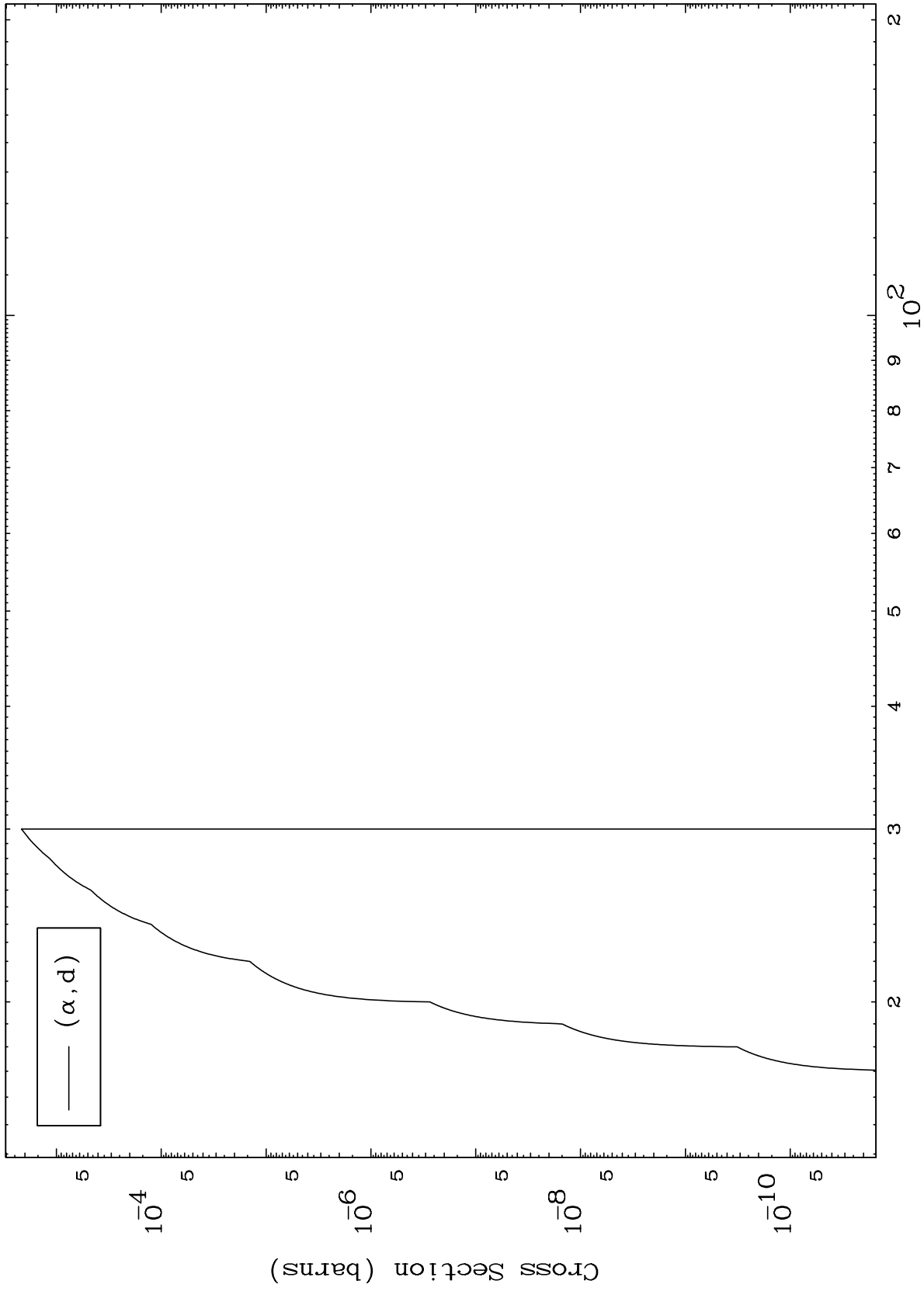
50-Sn-118



MAT 5043

(α, d) Levels
0 Kelvin Cross Sections

50-Sn-118



7

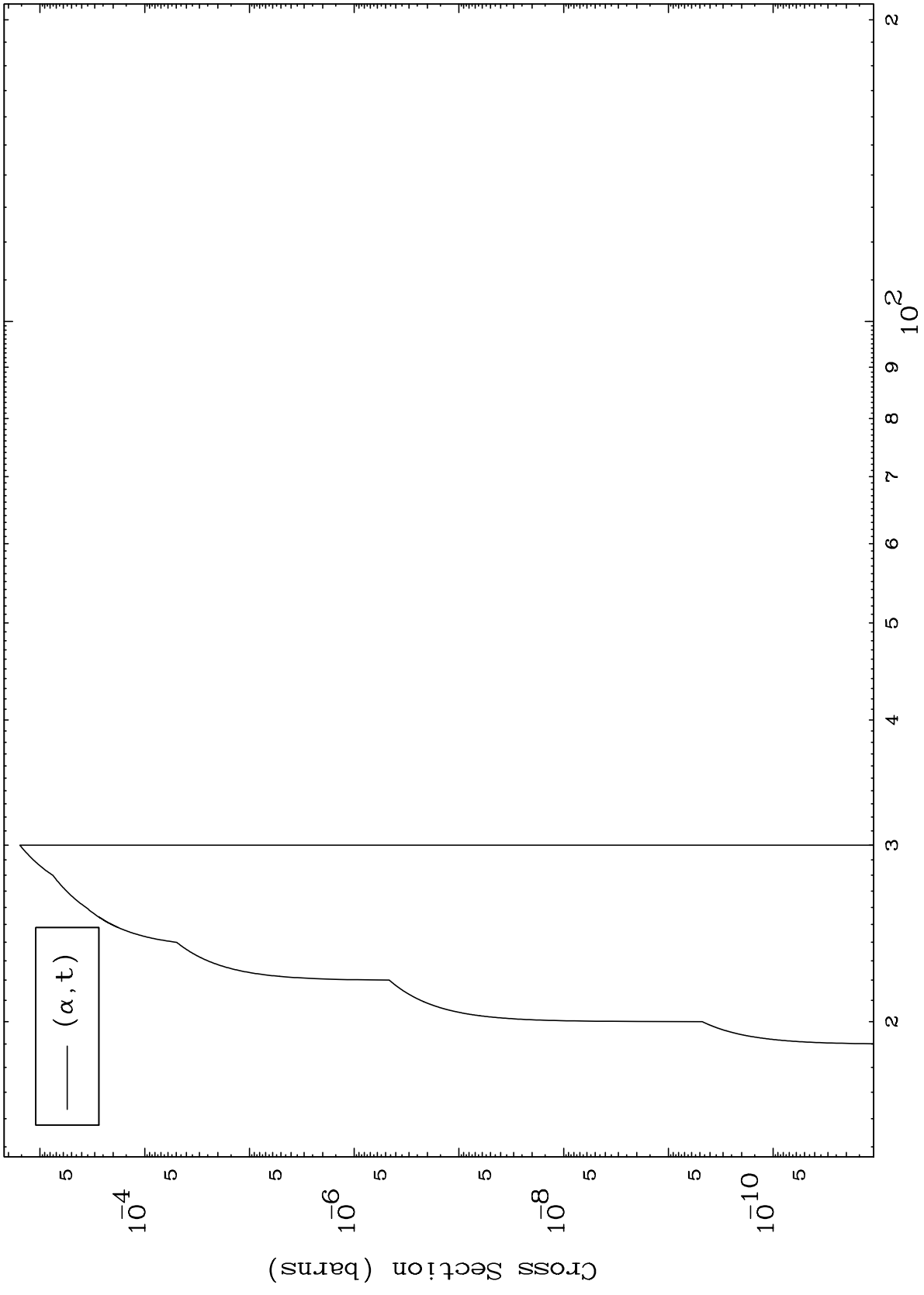
Incident Energy (MeV)

50-Sn-118

MAT 5043

(α, t) Levels
0 Kelvin Cross Sections

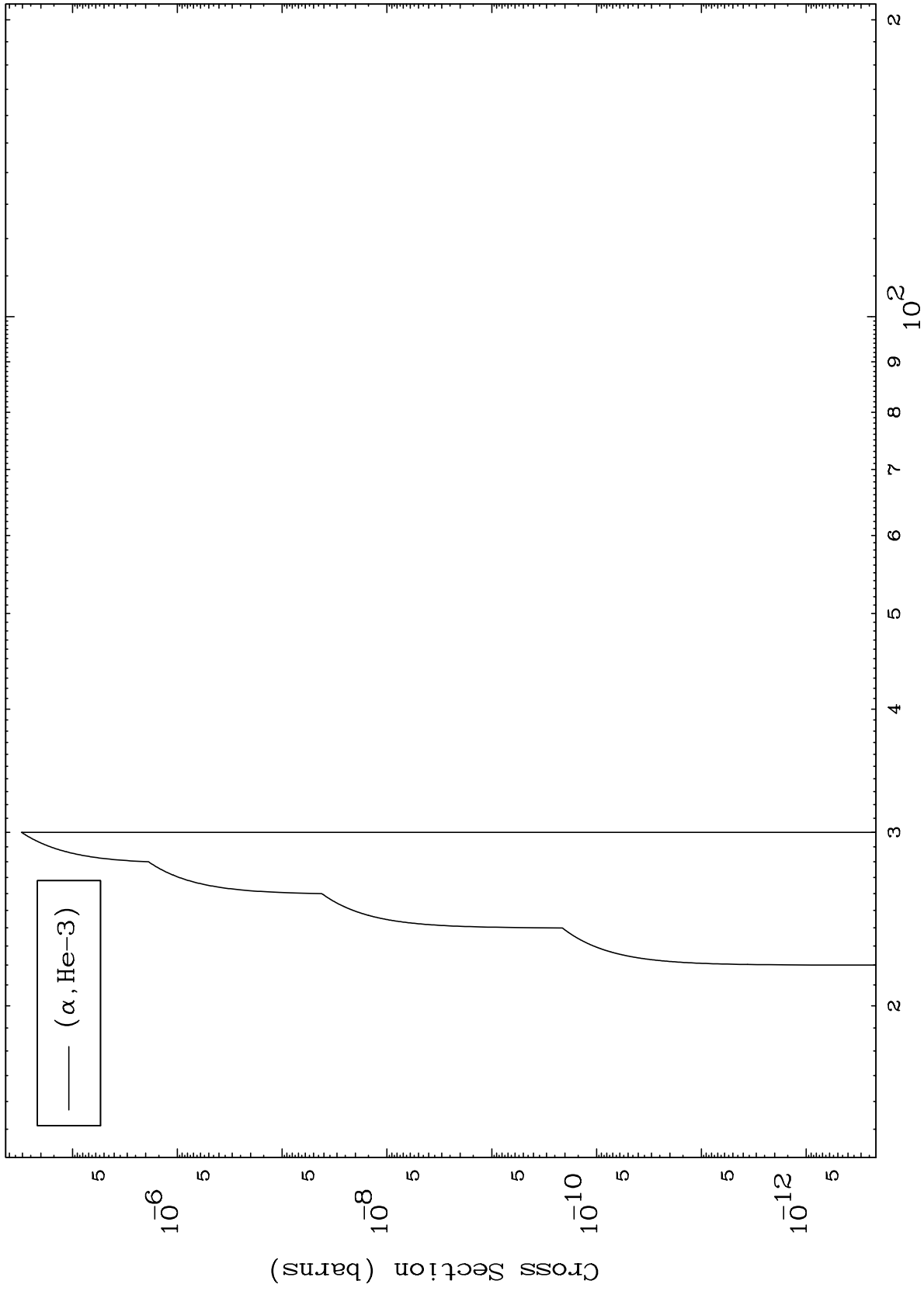
50-Sn-118



8

Incident Energy (MeV)

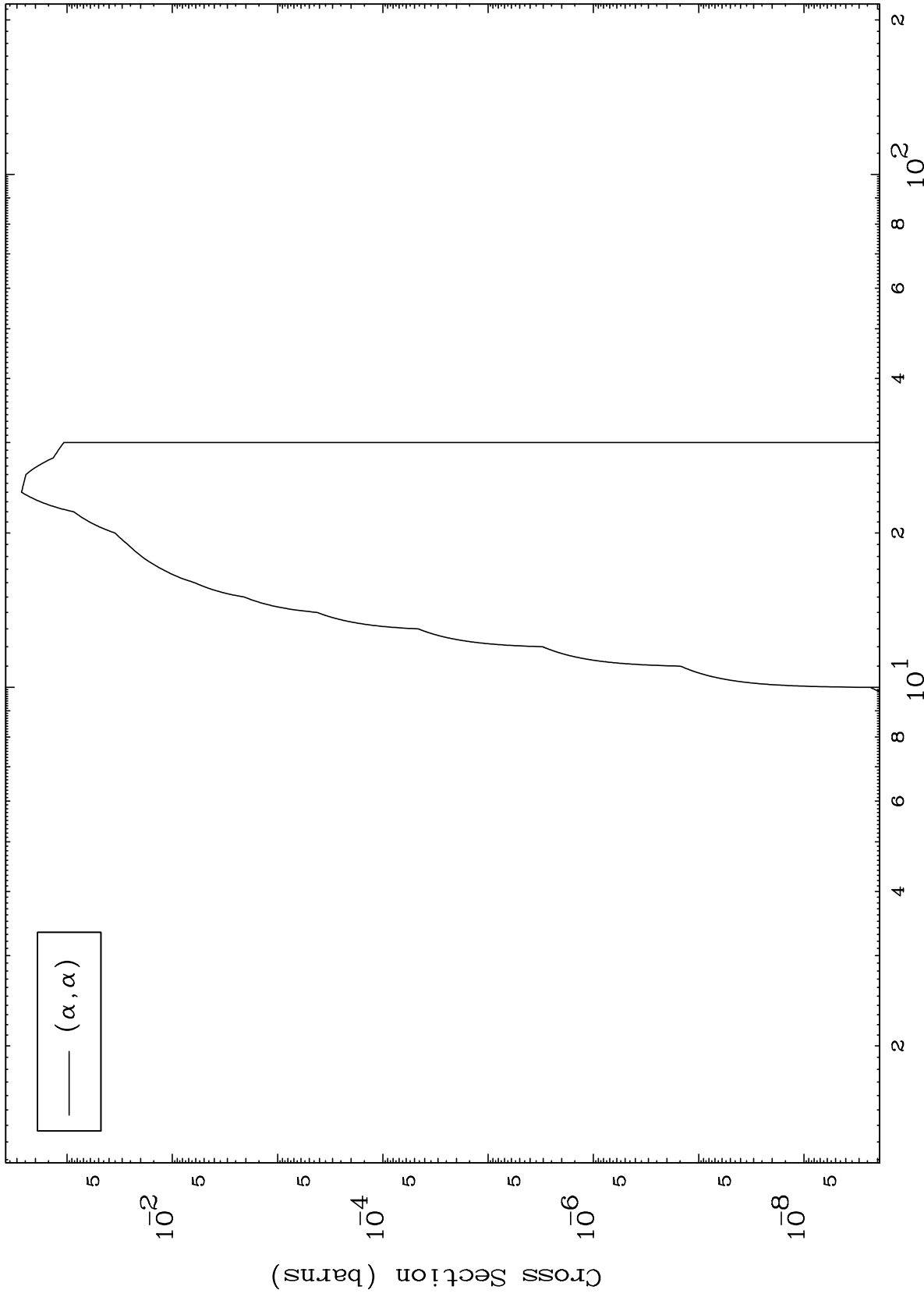
50-Sn-118



MAT 5043

(α, α) Levels
0 Kelvin Cross Sections

50-Sn-118



10

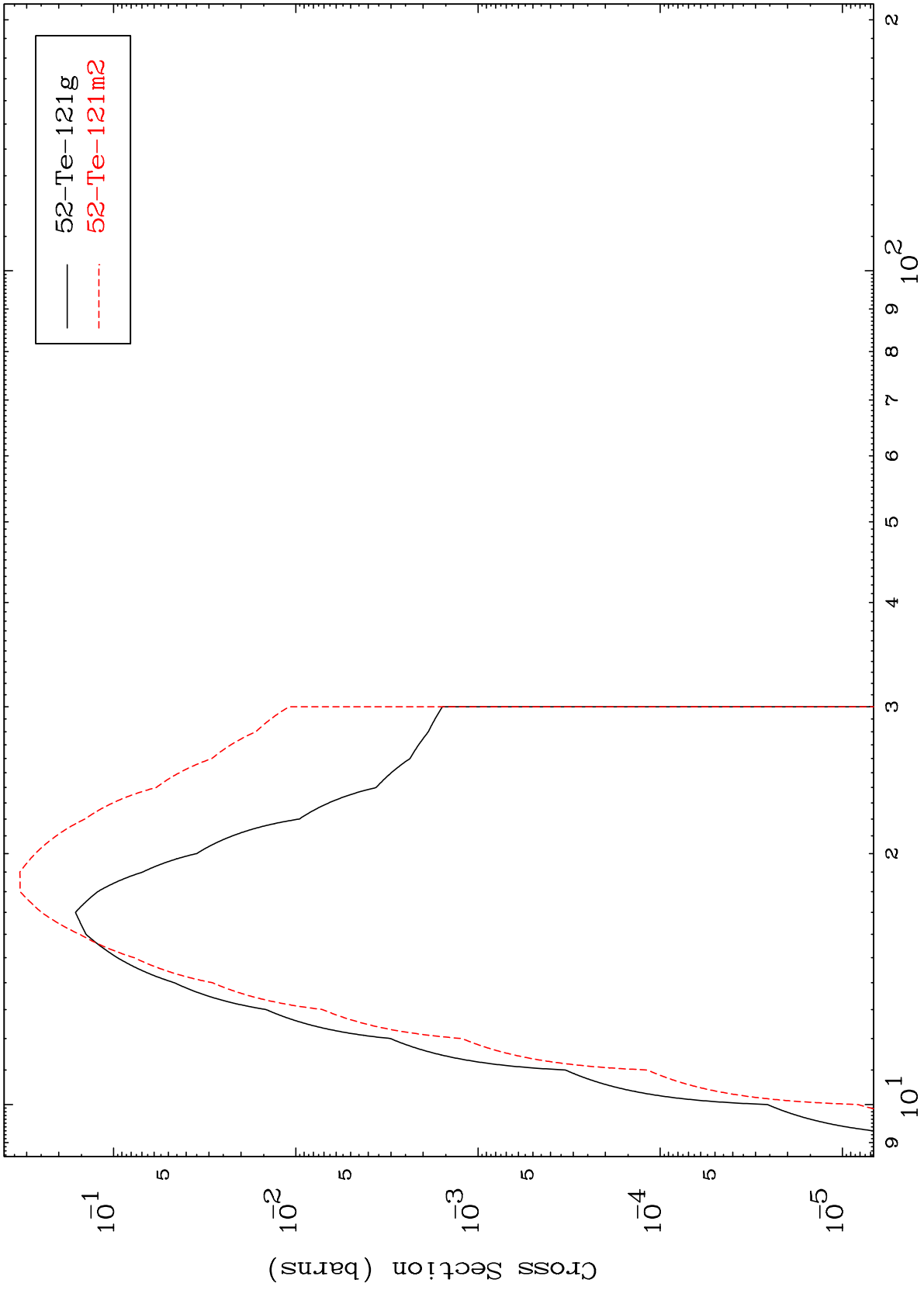
Incident Energy (MeV)

50-Sn-118

MAT 5043

50-Sn-118

α Inelastic
Radionuclide Production Cross Section



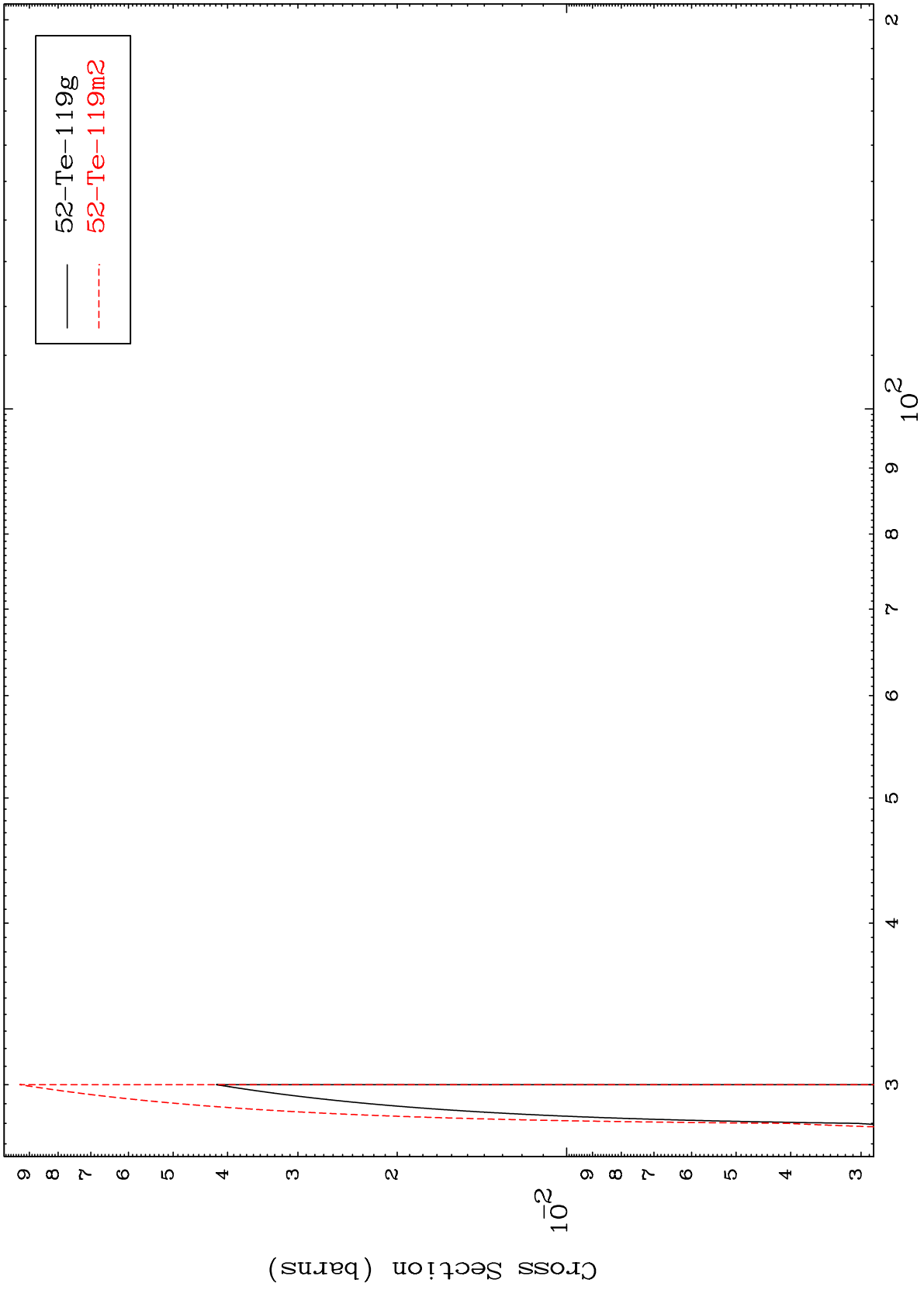
11

50-Sn-118

MAT 5043

50-Sn-118

($\alpha, 3n$)
Radionuclide Production Cross Section



12

Incident Energy (MeV)

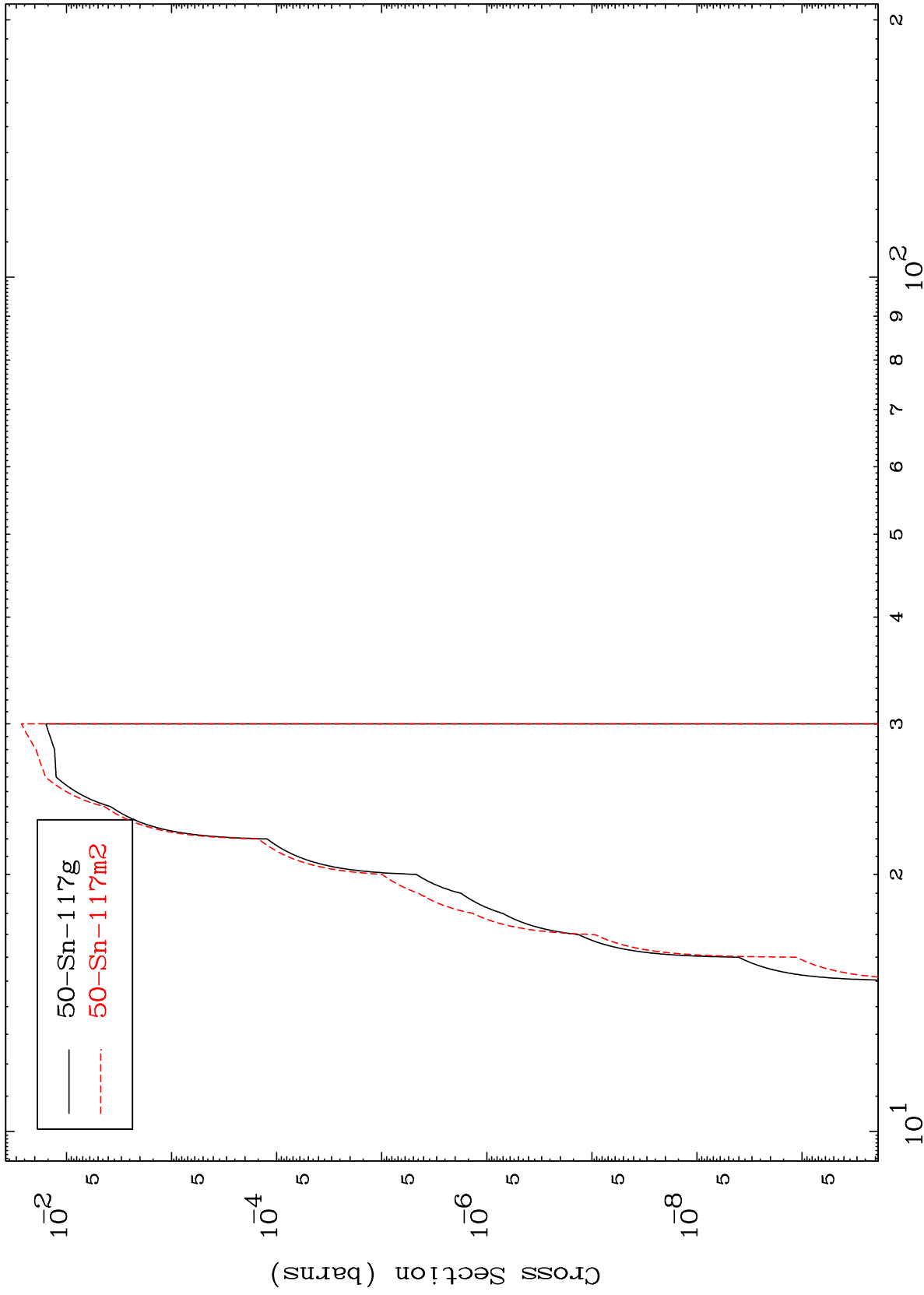
50-Sn-118

MAT 5043

(α, n') α

50-Sn-118

Radionuclide Production Cross Section



13

Incident Energy (MeV)

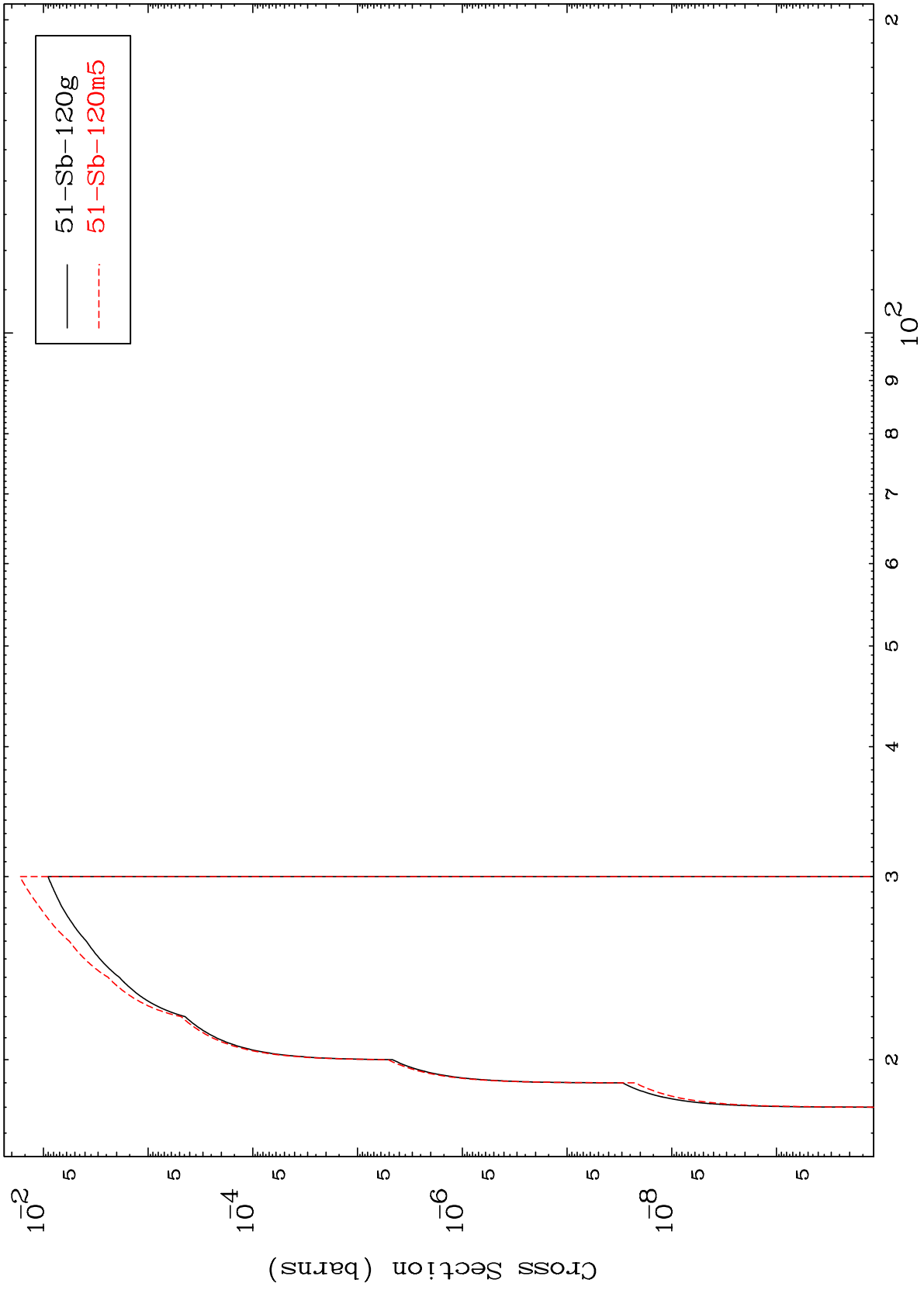
50-Sn-118

MAT 5043

(α, n') p

50-Sn-118

Radionuclide Production Cross Section



14

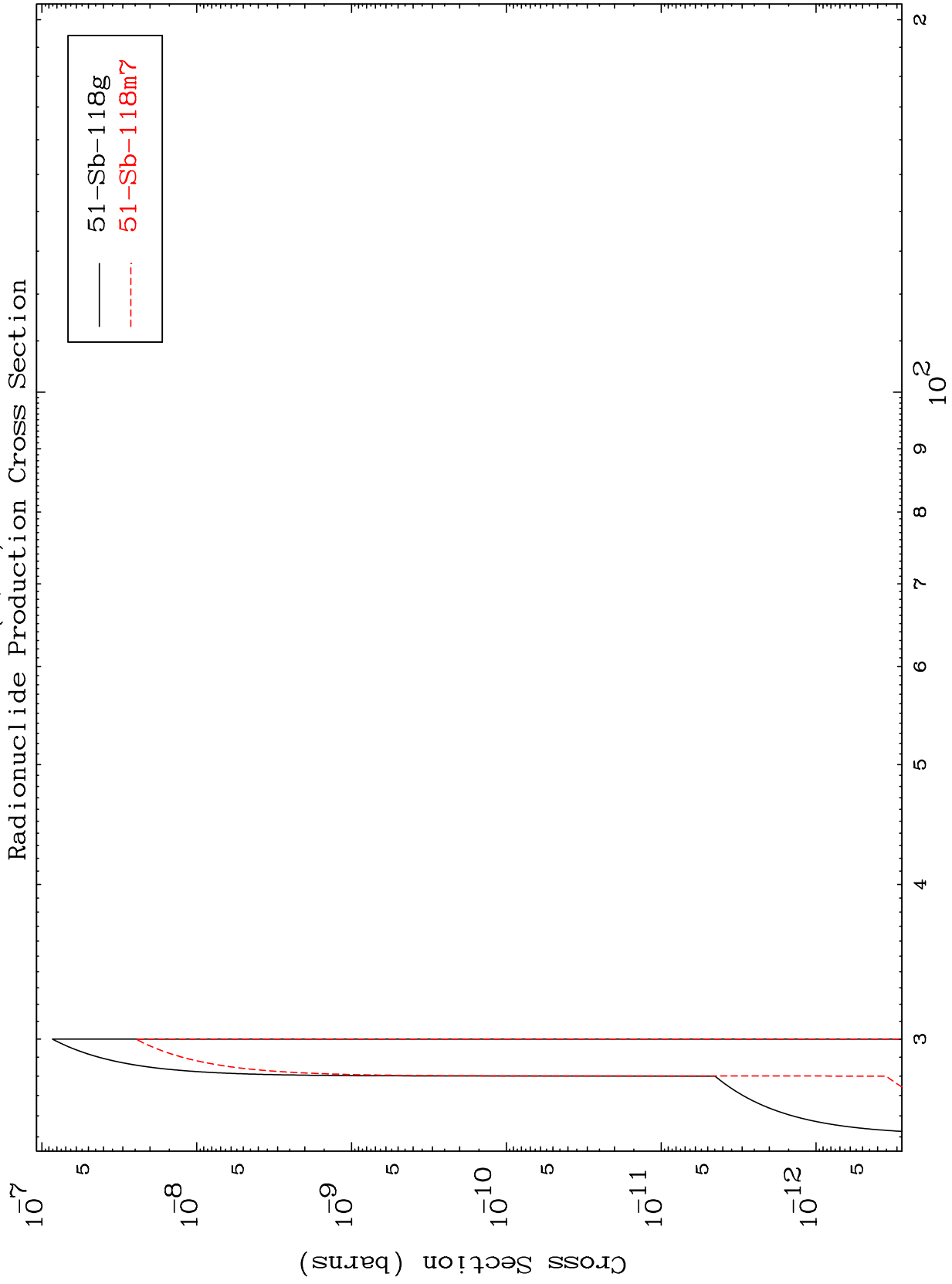
Incident Energy (MeV)

50-Sn-118

MAT 5043

(α, n') t

50-Sn-118



15

50-Sn-118

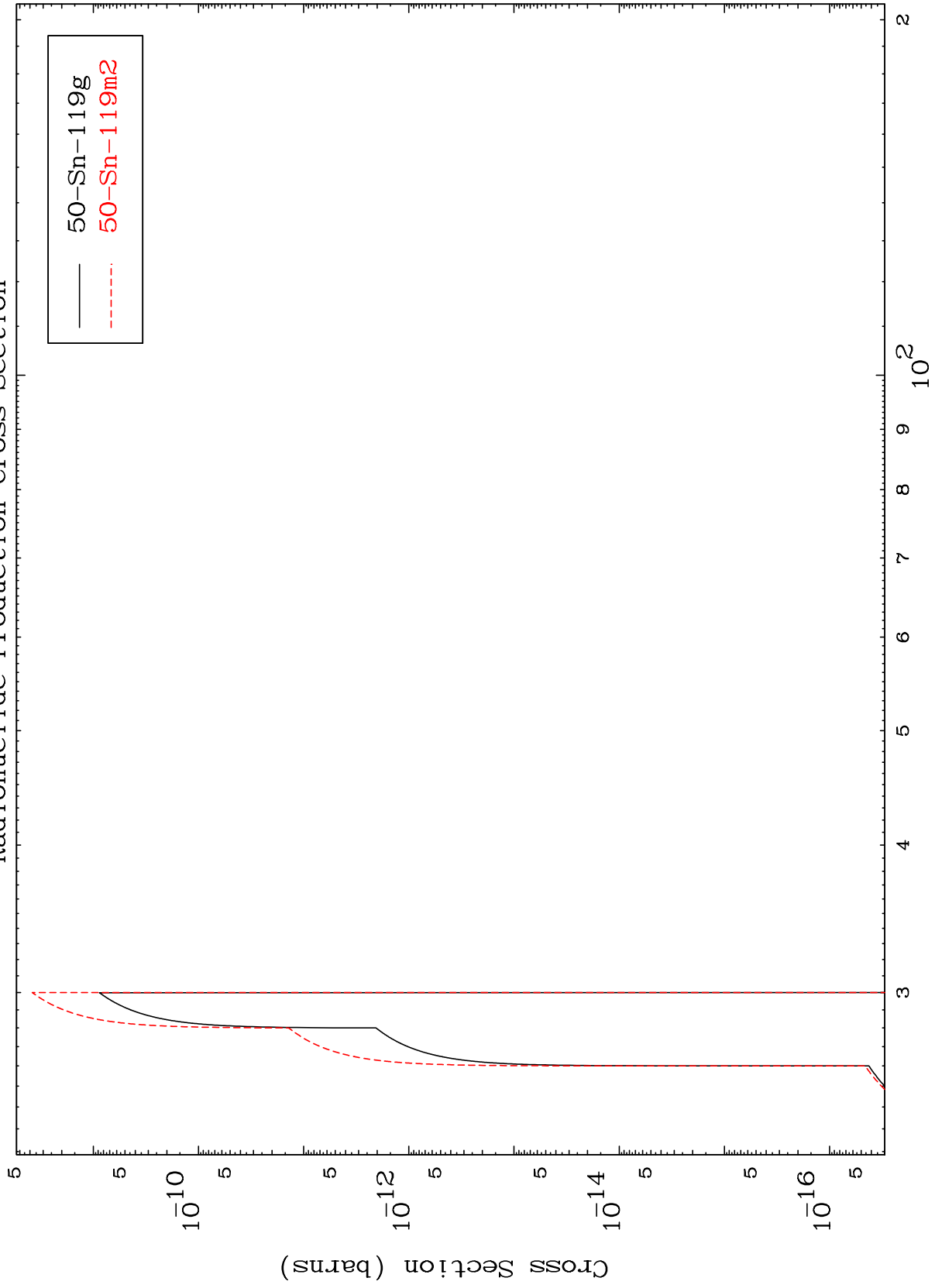
50-Sn-118

MAT 5043

($\alpha, 2n$) p

50-Sn-118

Radionuclide Production Cross Section



16

Incident Energy (MeV)

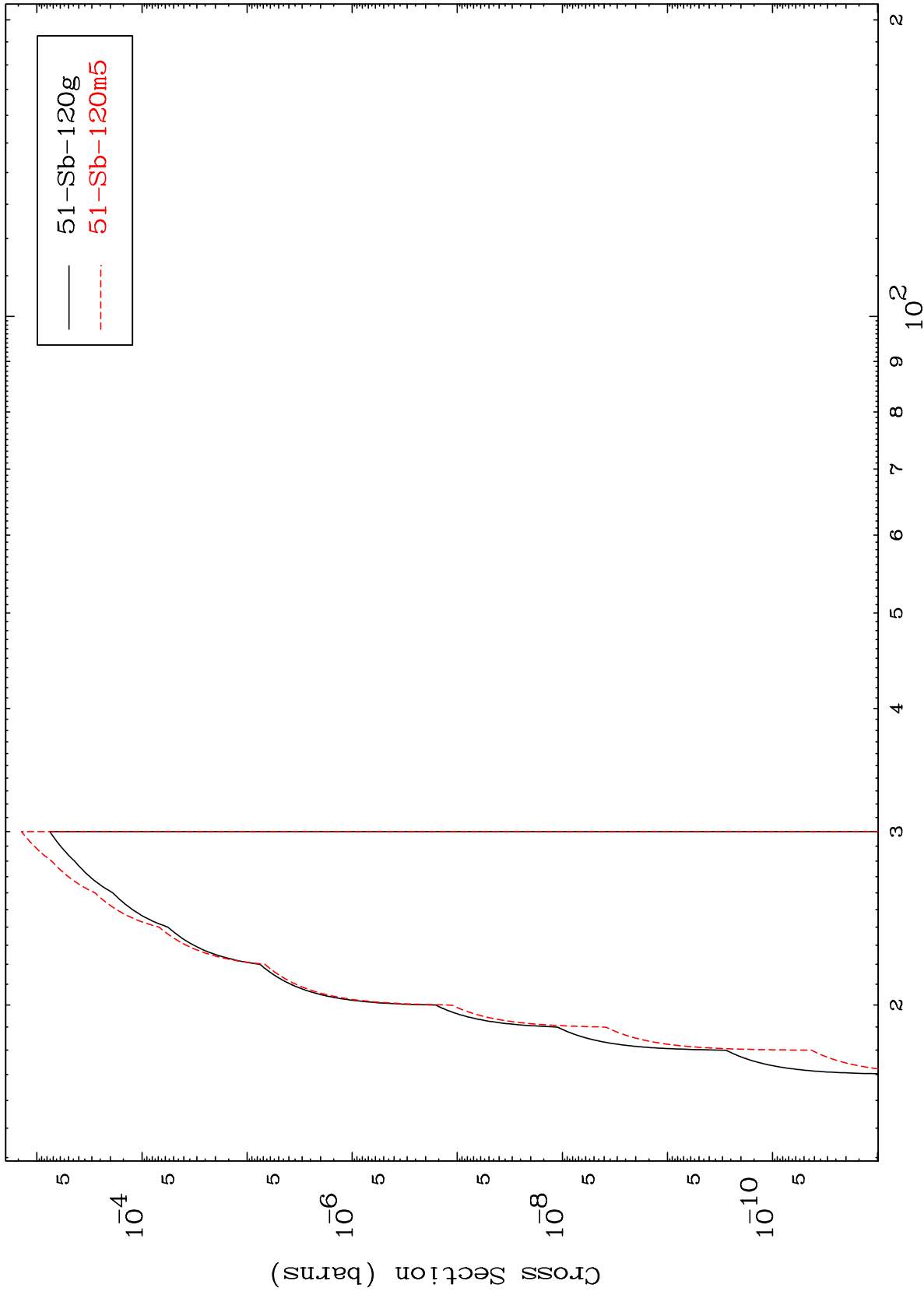
50-Sn-118

MAT 5043

(α, d)

50-Sn-118

Radionuclide Production Cross Section



17

Incident Energy (MeV)

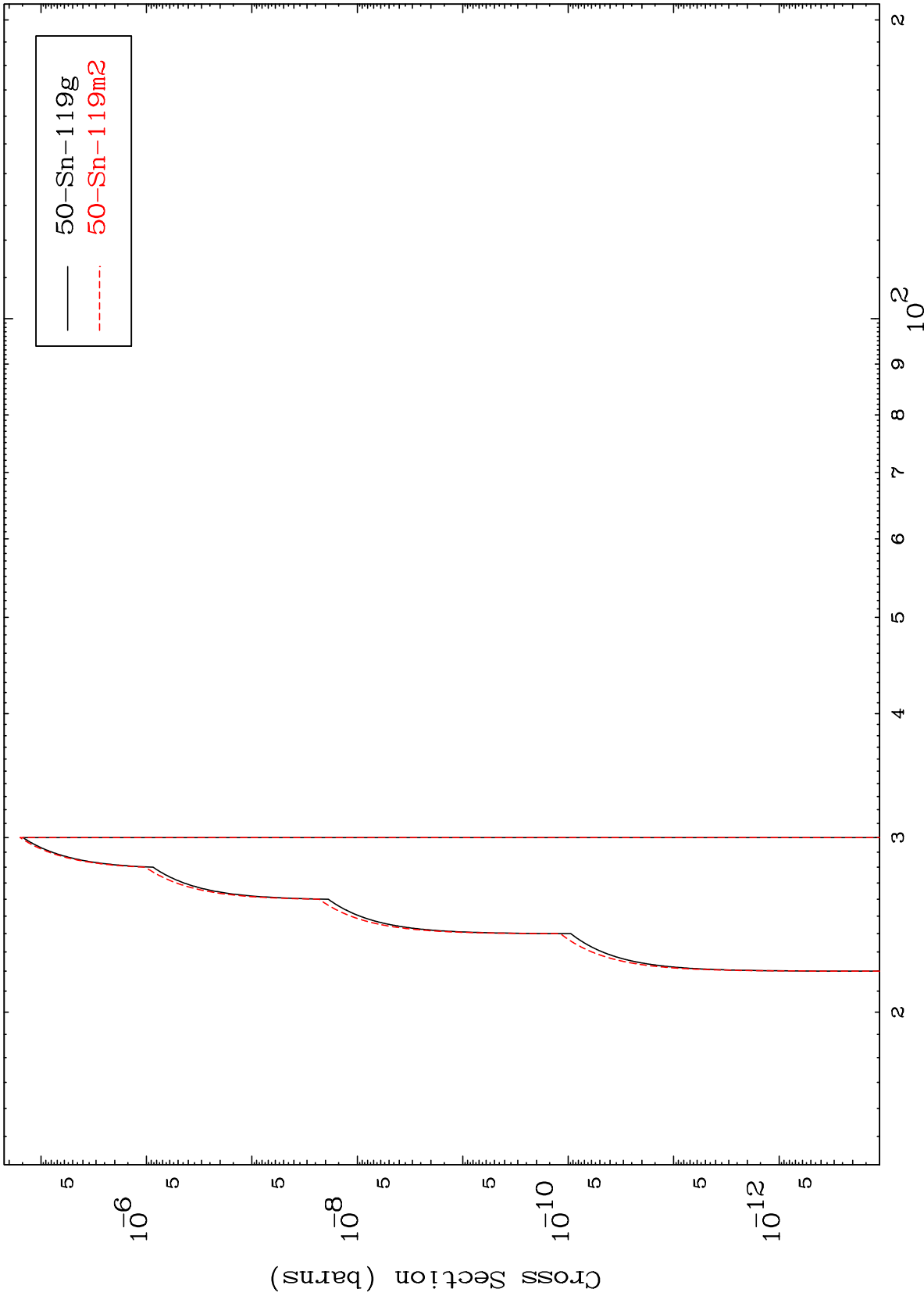
50-Sn-118

MAT 5043

($\alpha, \text{He-3}$)

50-Sn-118

Radionuclide Production Cross Section



18

Incident Energy (MeV)

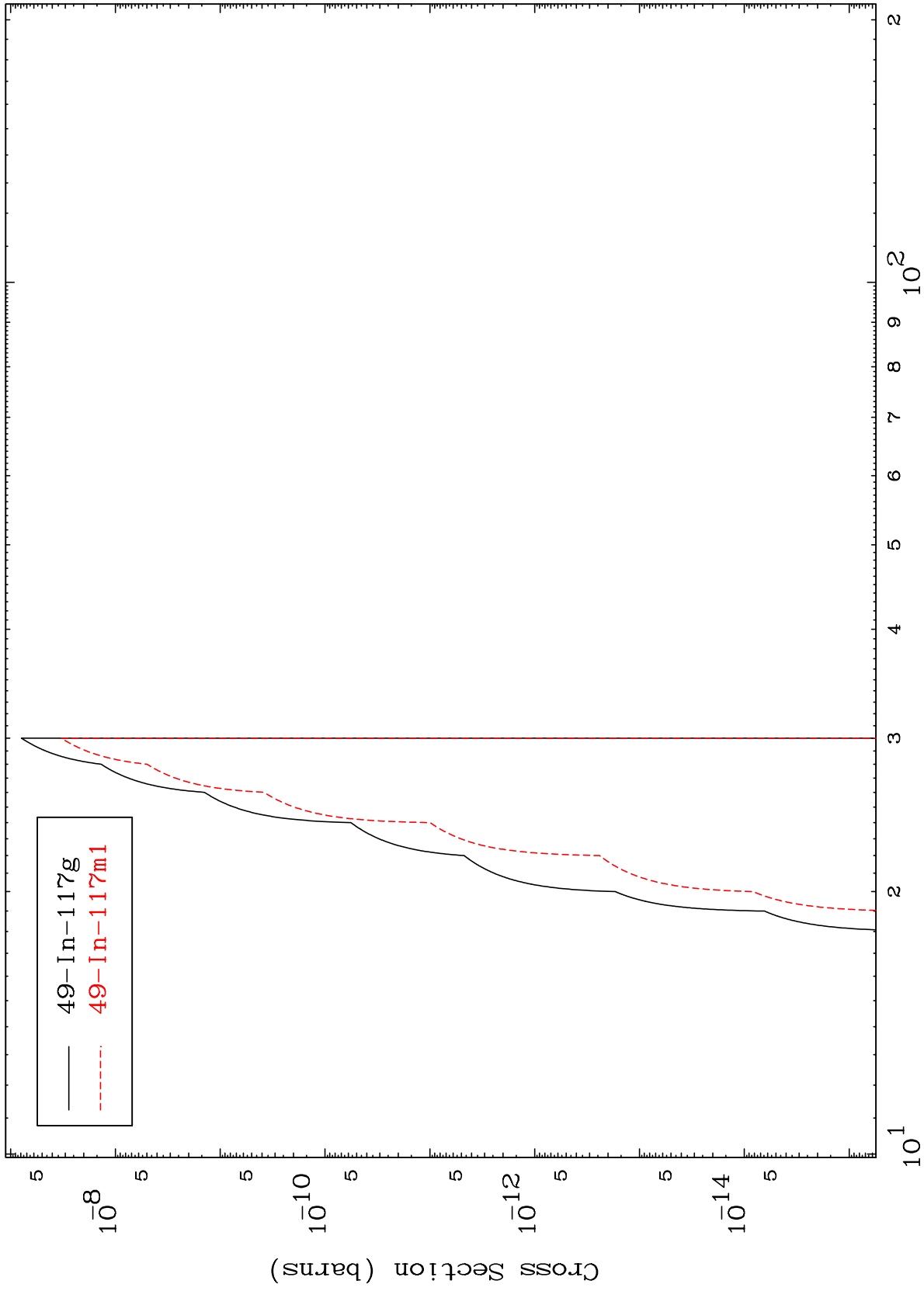
50-Sn-118

MAT 5043

(α, p) α

50-Sn-118

Radionuclide Production Cross Section



19

Incident Energy (MeV)

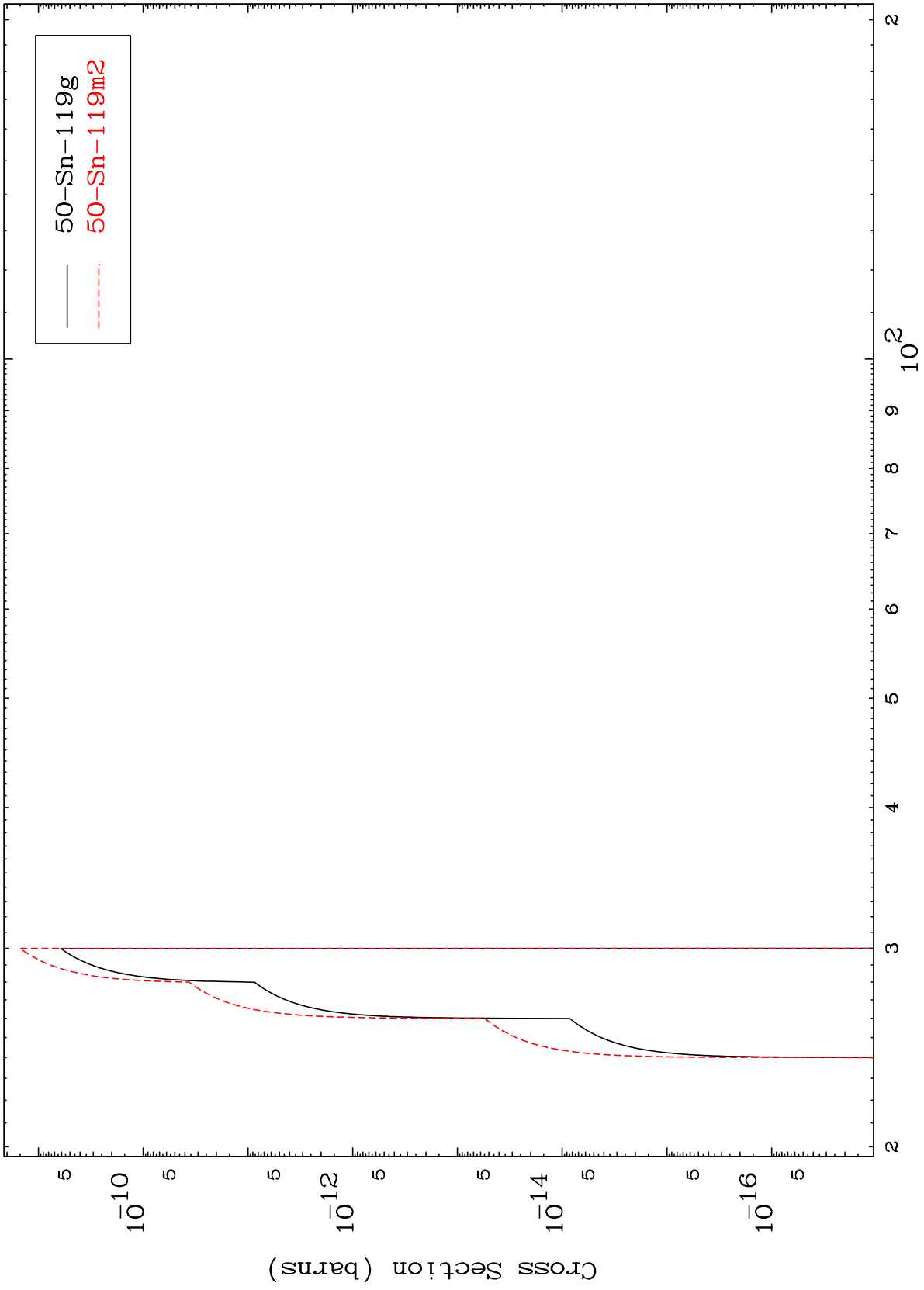
50-Sn-118

MAT 5043

(α, p) d

50-Sn-118

Radionuclide Production Cross Section



20

Incident Energy (MeV)

50-Sn-118