

Program EVALPLOT
(Version 2018-1)

by

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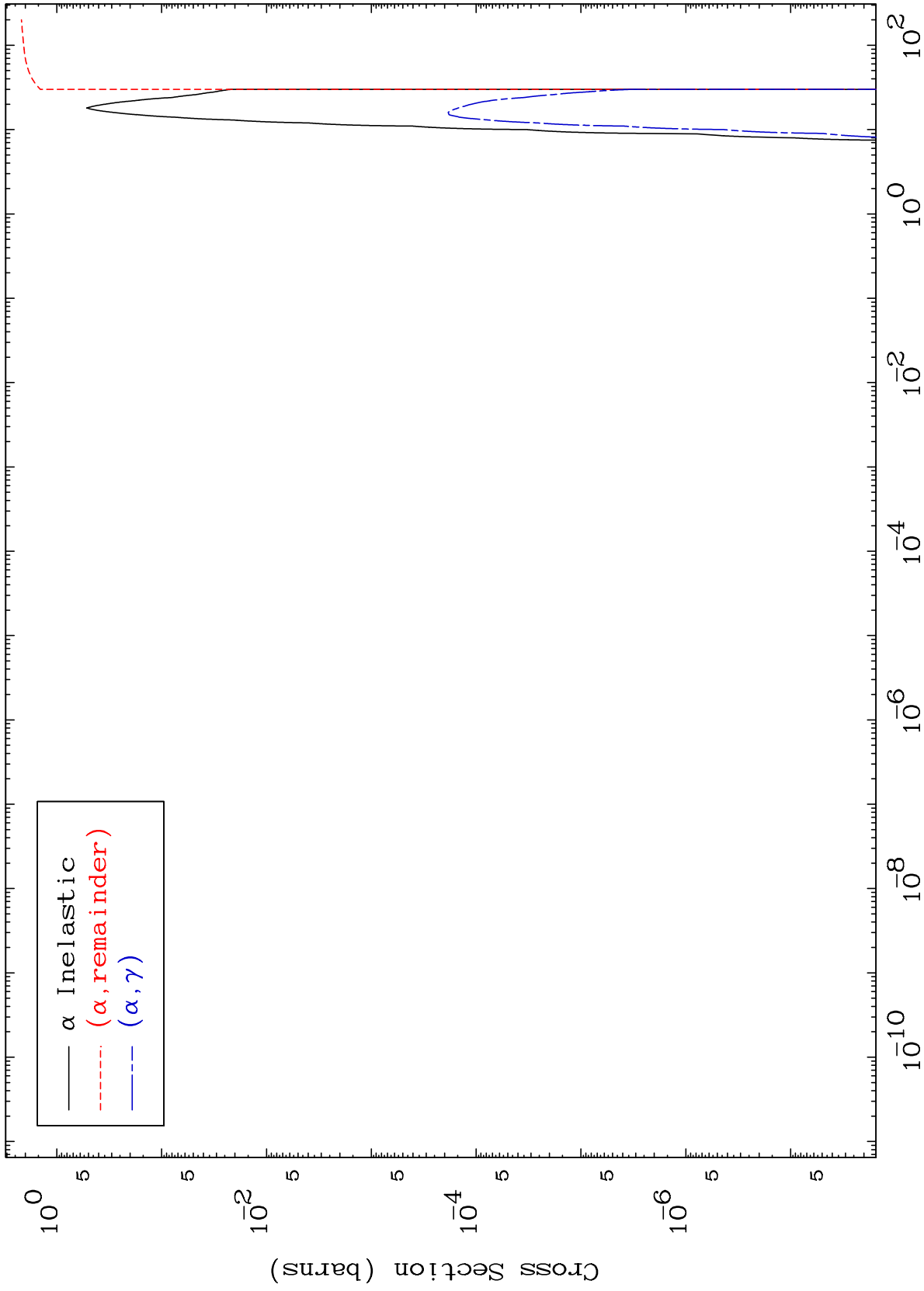
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5040

0 Kelvin α Major
Cross Sections

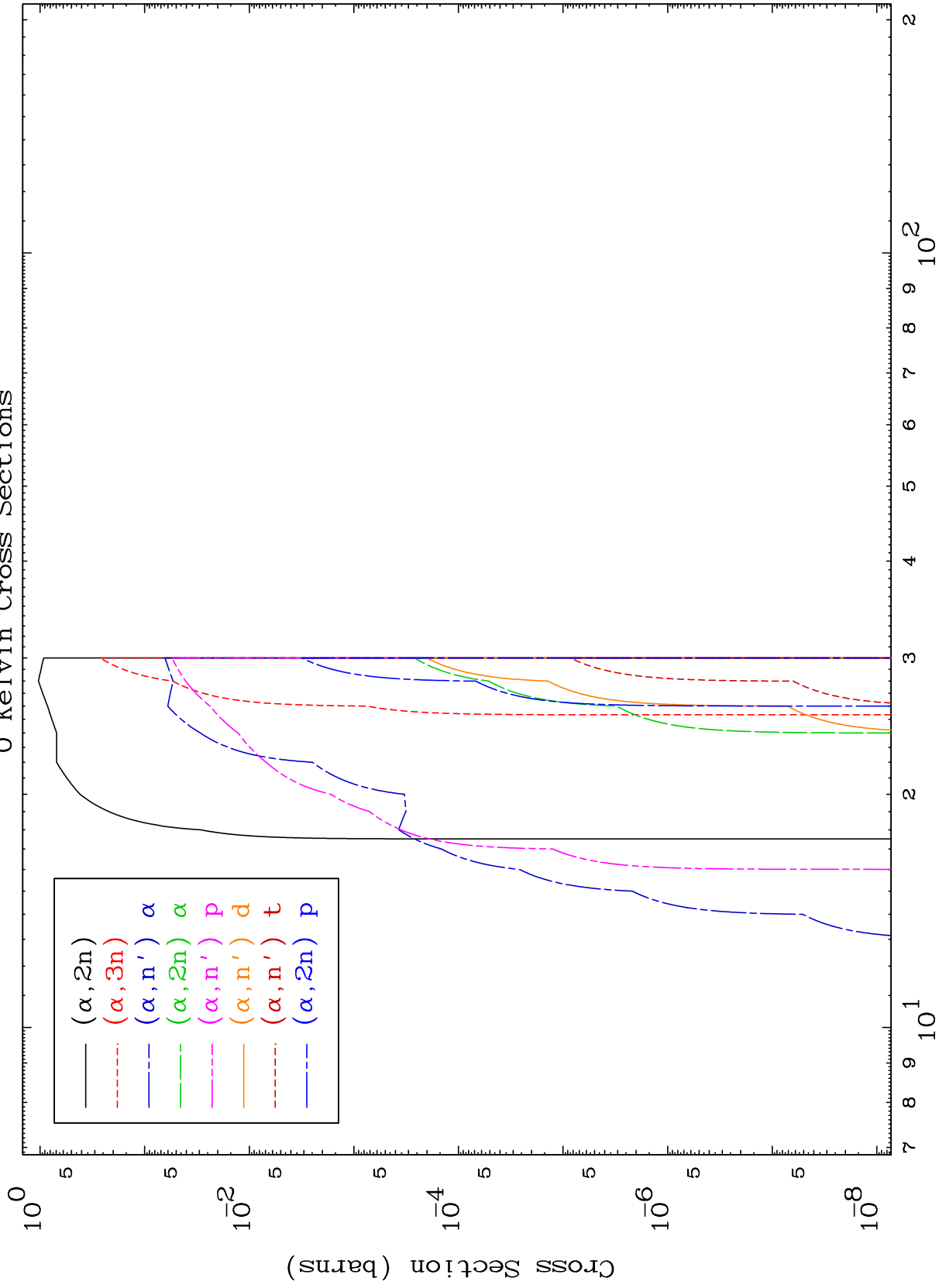
50-Sn-117



MAT 5040

α Neutron Production
0 Kelvin Cross Sections

50-Sn-117



2

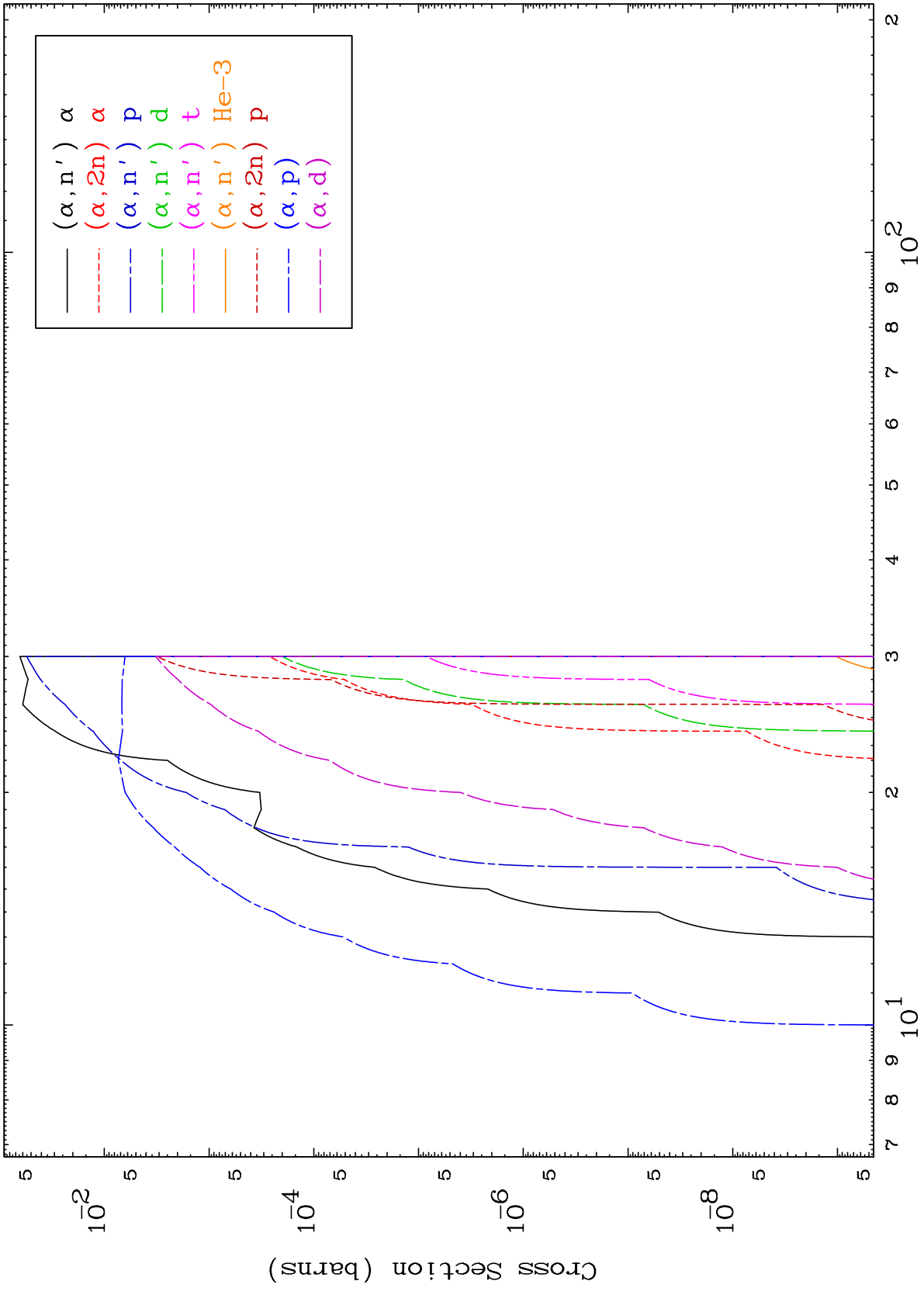
Incident Energy (MeV)

50-Sn-117

MAT 5040

α Charged Particle
0 Kelvin Cross Sections

50-Sn-117



3

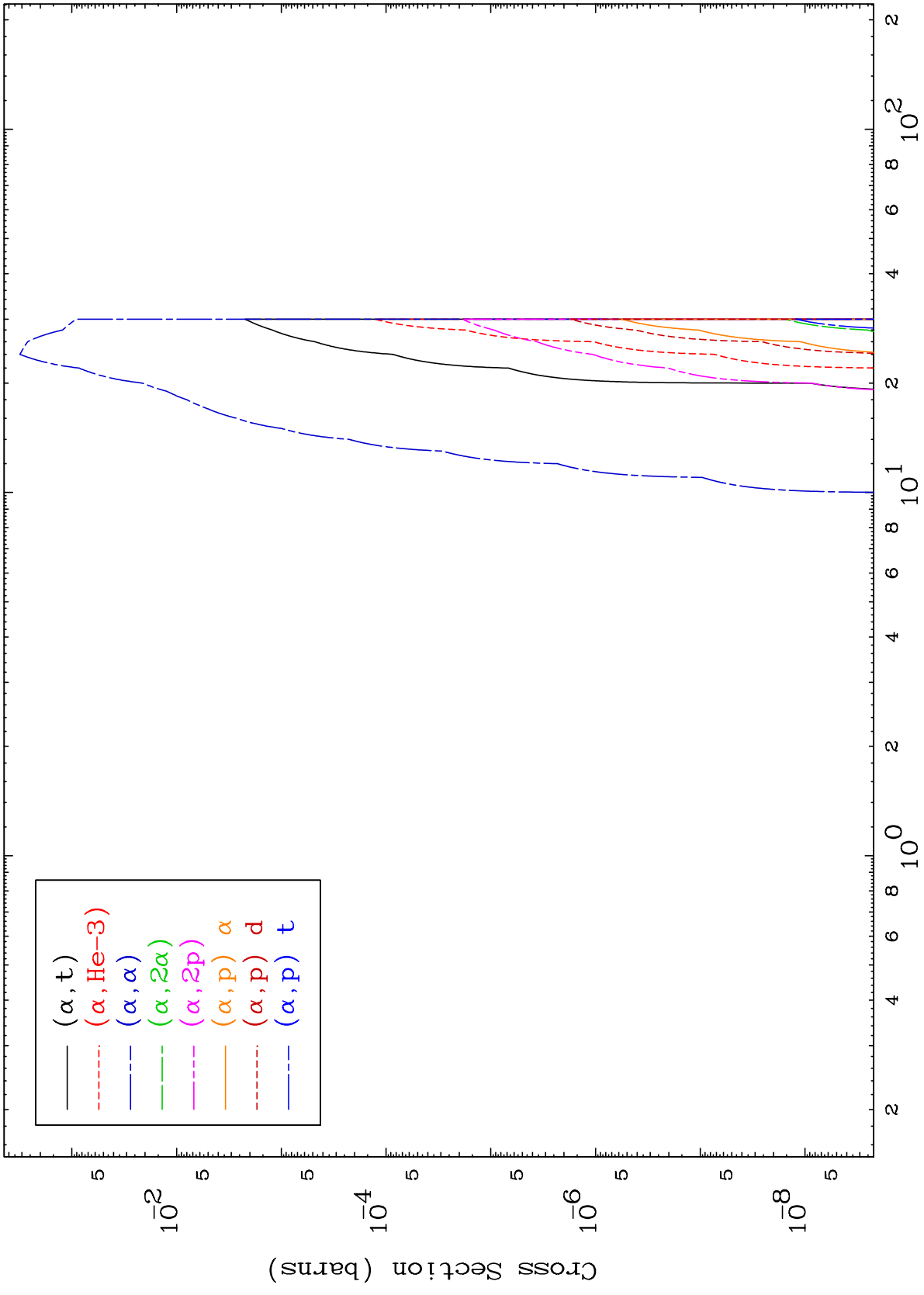
Incident Energy (MeV)

50-Sn-117

MAT 5040

α Charged Particle
0 Kelvin Cross Sections

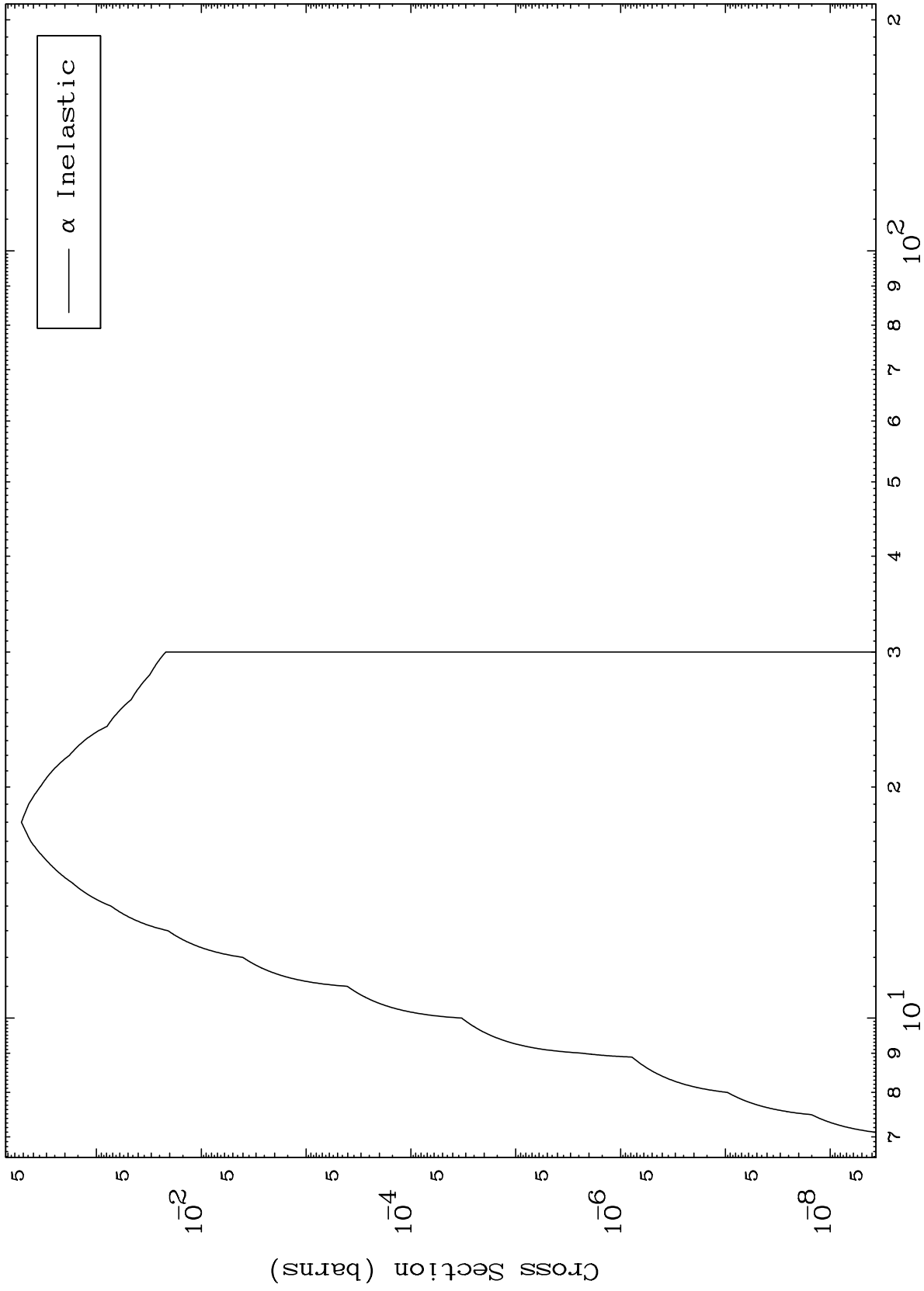
50-Sn-117



MAT 5040

(α, n') Level
0 Kelvin Cross Sections

50-Sn-117



5

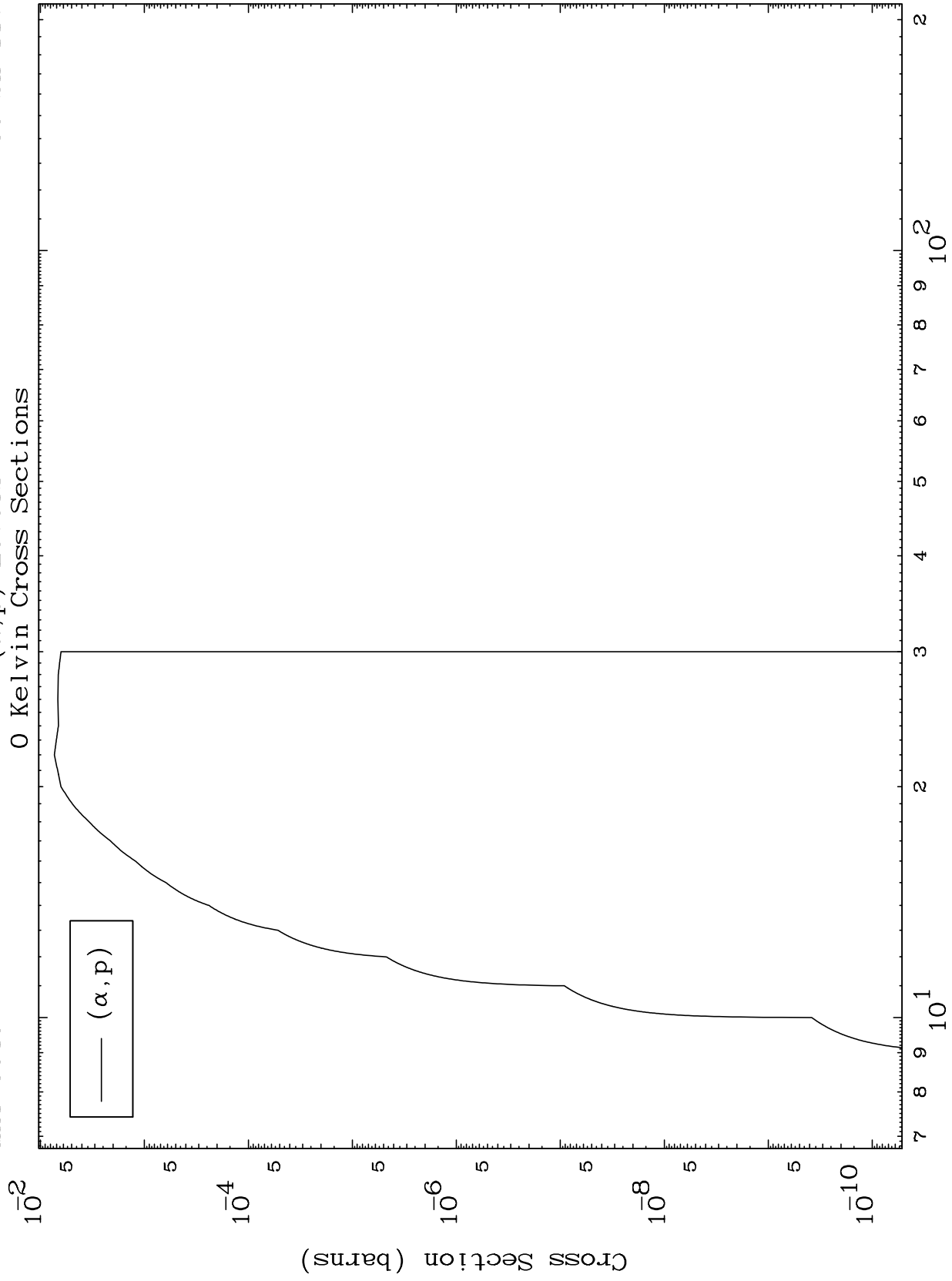
Incident Energy (MeV)

50-Sn-117

MAT 5040

(α, p) Levels
0 Kelvin Cross Sections

50-Sn-117



50-Sn-117

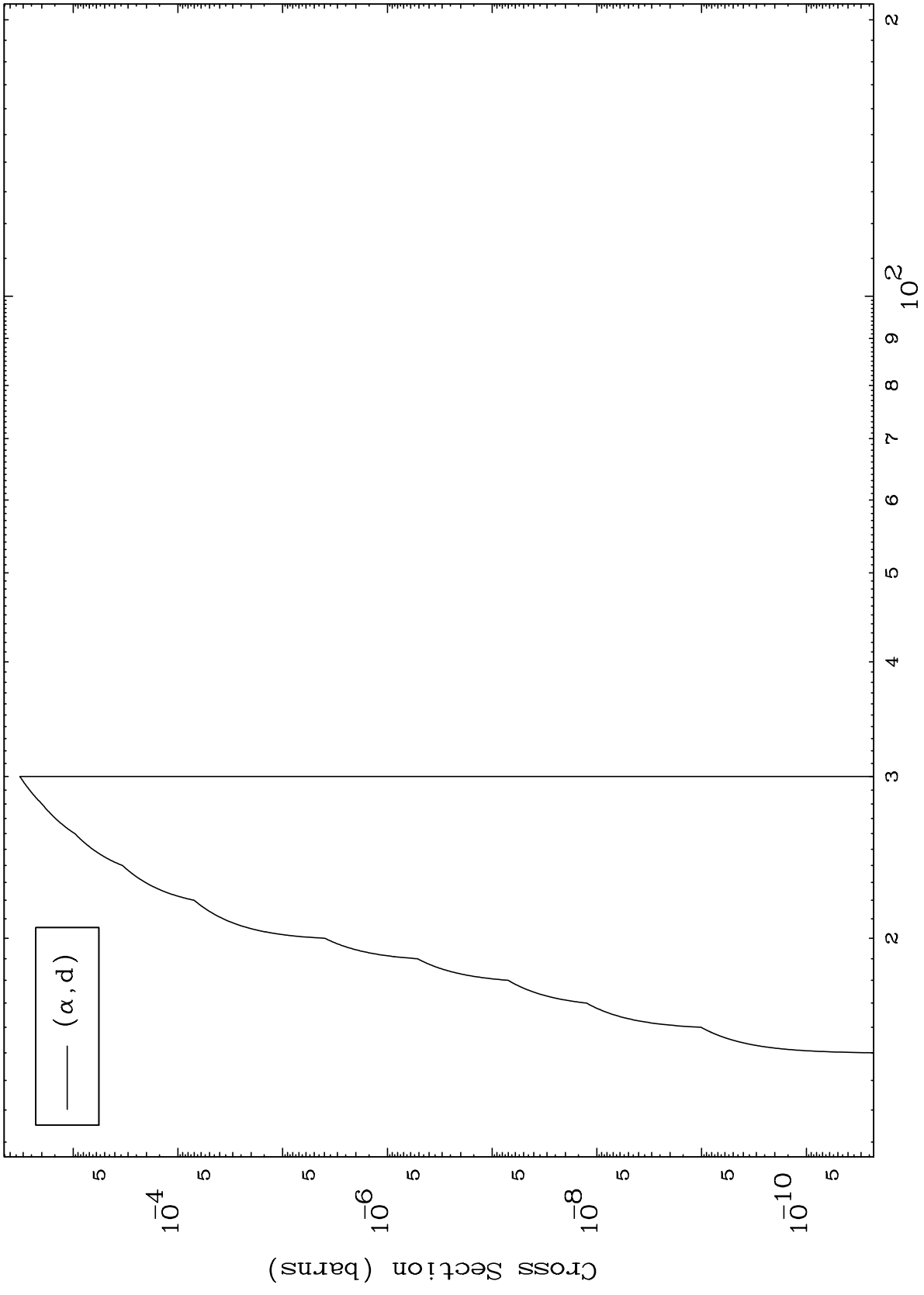
Incident Energy (MeV)

6

MAT 5040

(α, d) Levels
0 Kelvin Cross Sections

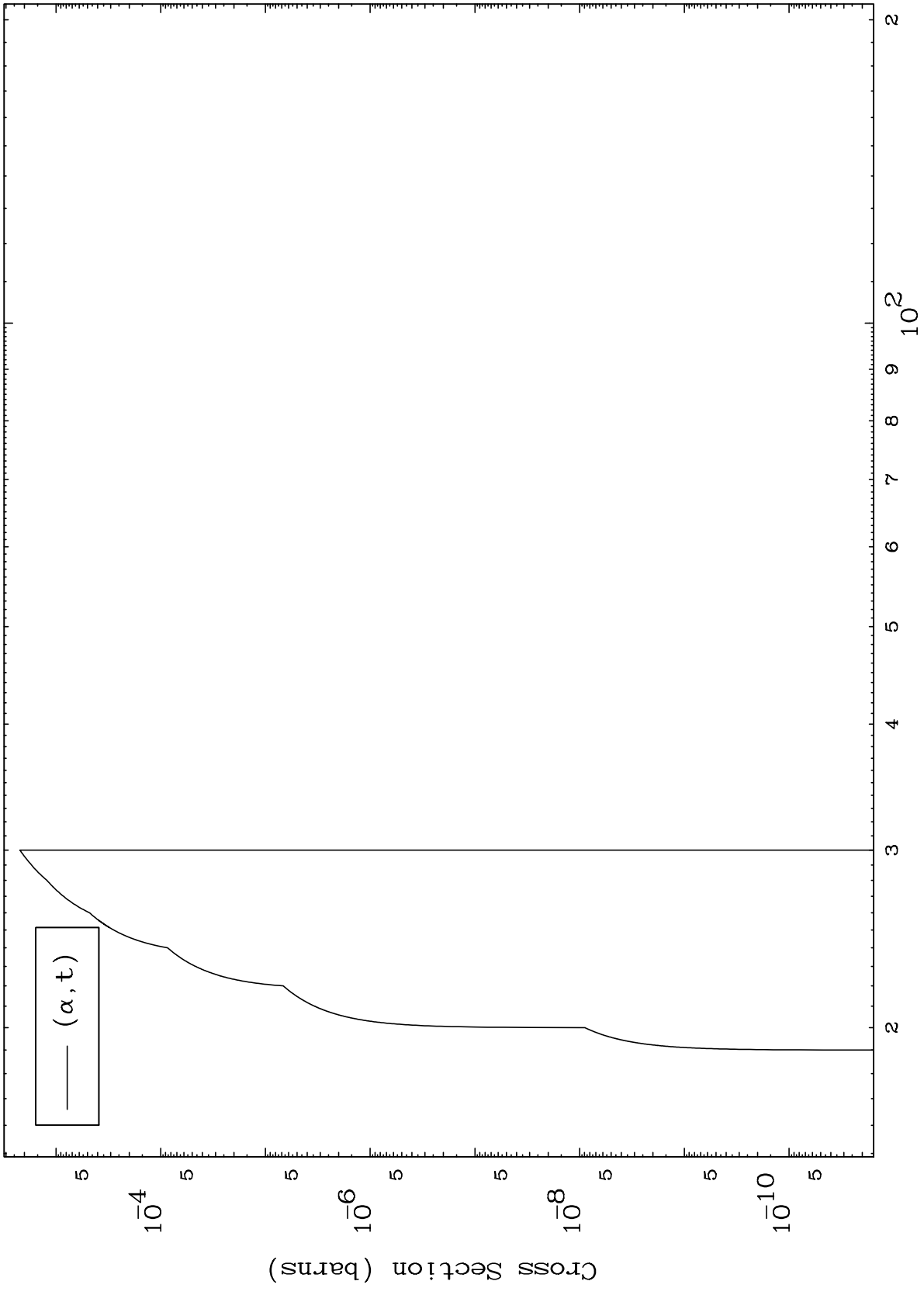
50-Sn-117



MAT 5040

(α, t) Levels
0 Kelvin Cross Sections

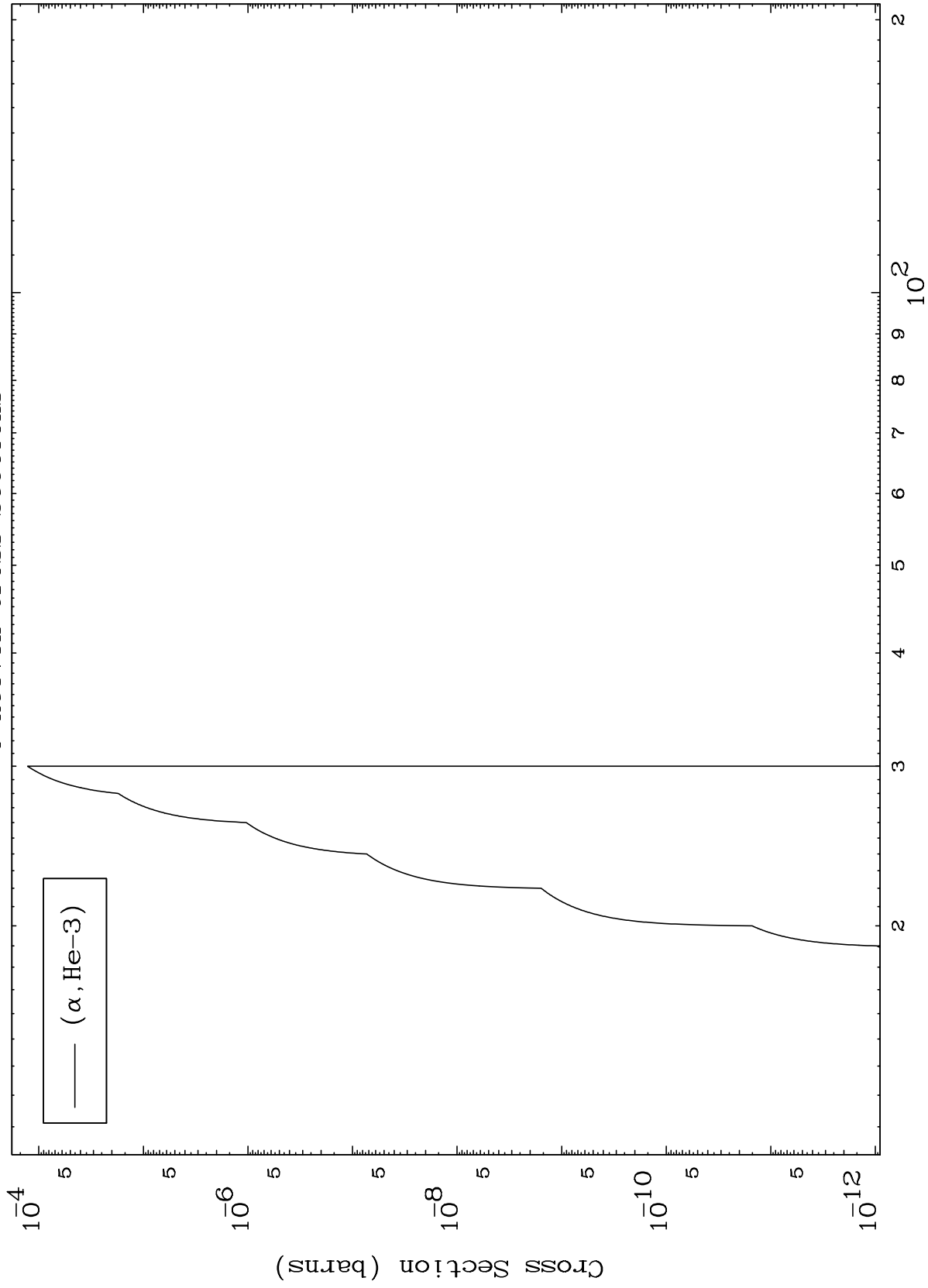
50-Sn-117



MAT 5040

(α ,He3) Levels
0 Kelvin Cross Sections

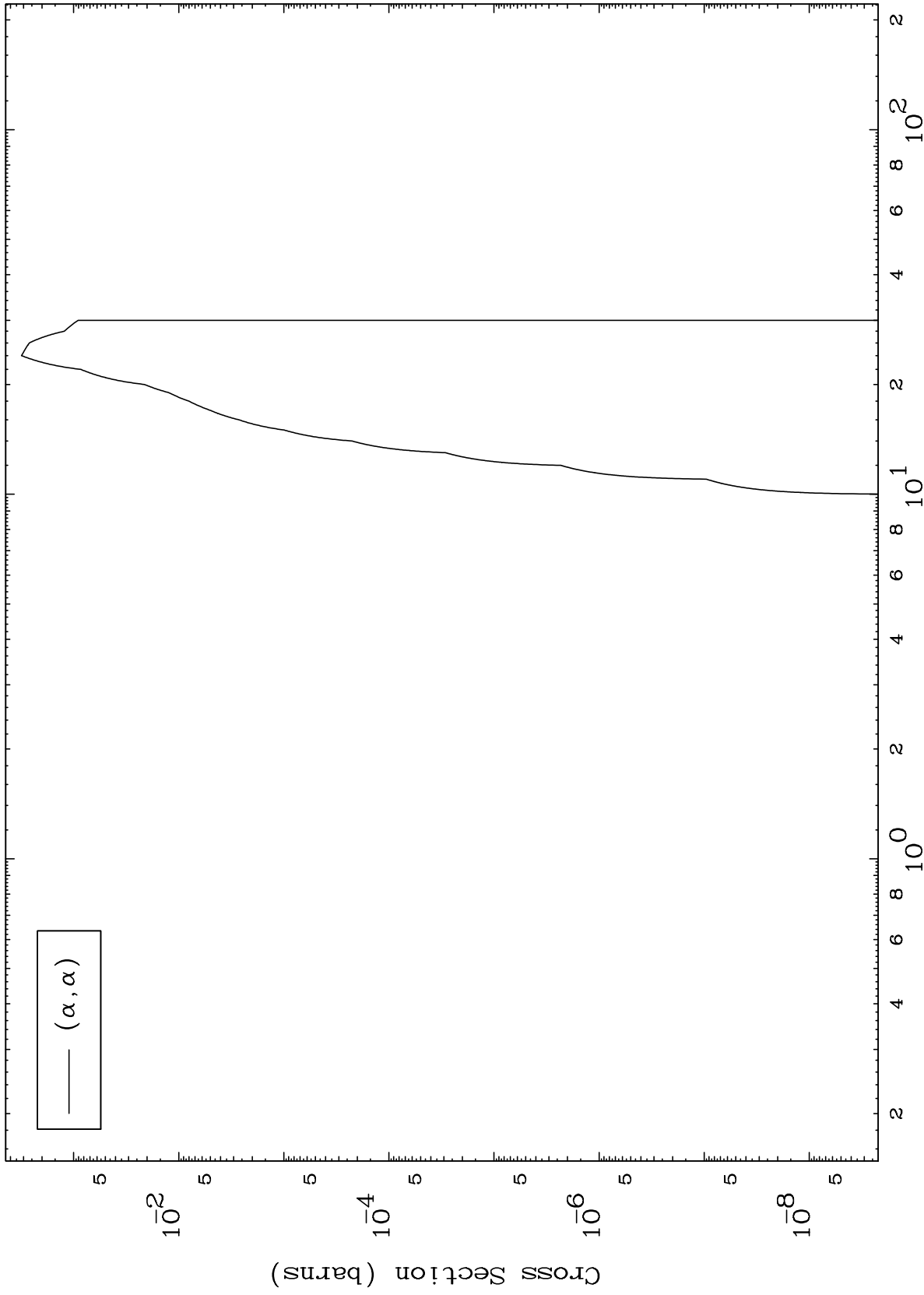
50-Sn-117



MAT 5040

(α, α) Levels
0 Kelvin Cross Sections

50-Sn-117



10

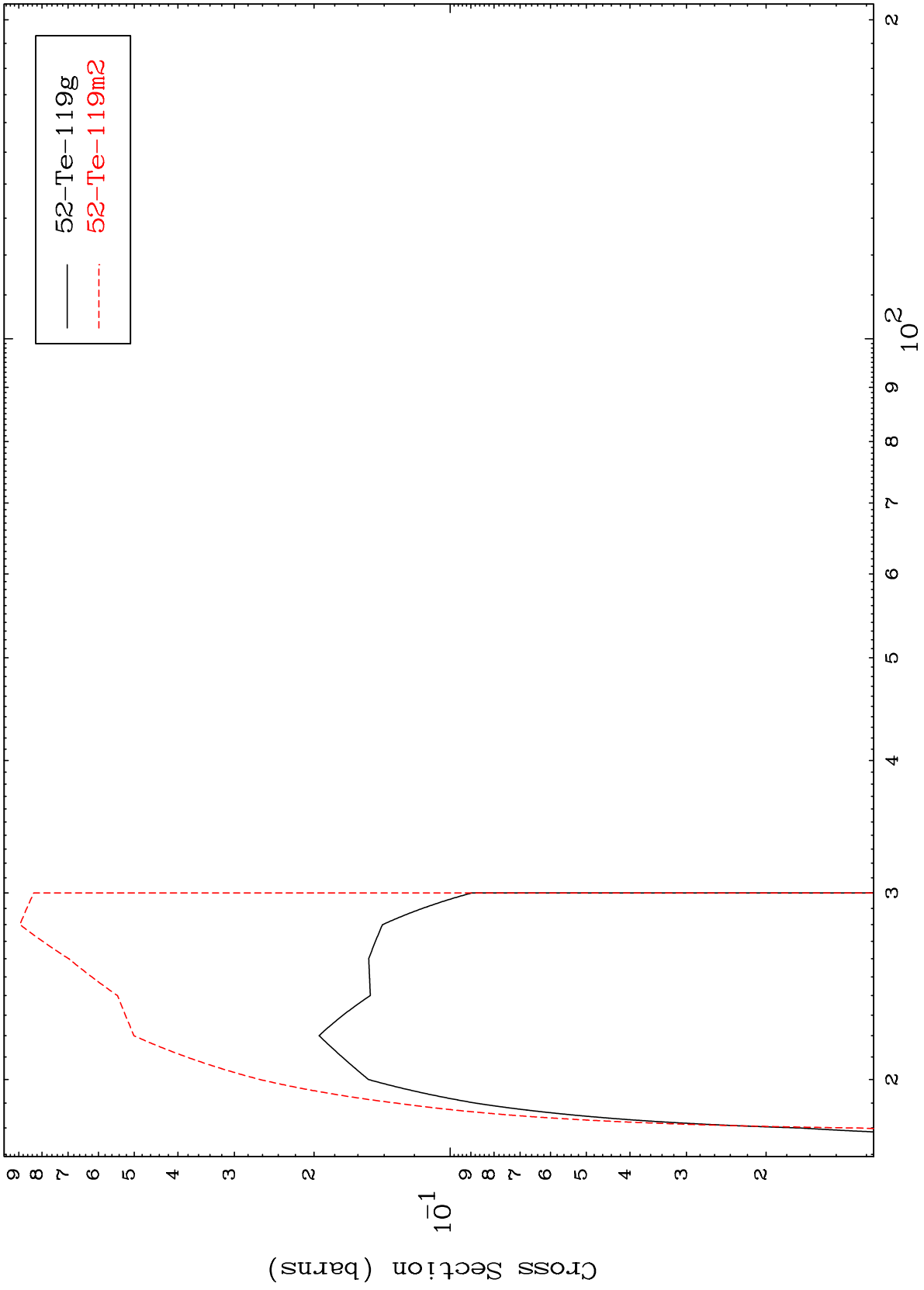
Incident Energy (MeV)

50-Sn-117

MAT 5040

50-Sn-117

Radionuclide Production Cross Section
($\alpha, 2n$)



11

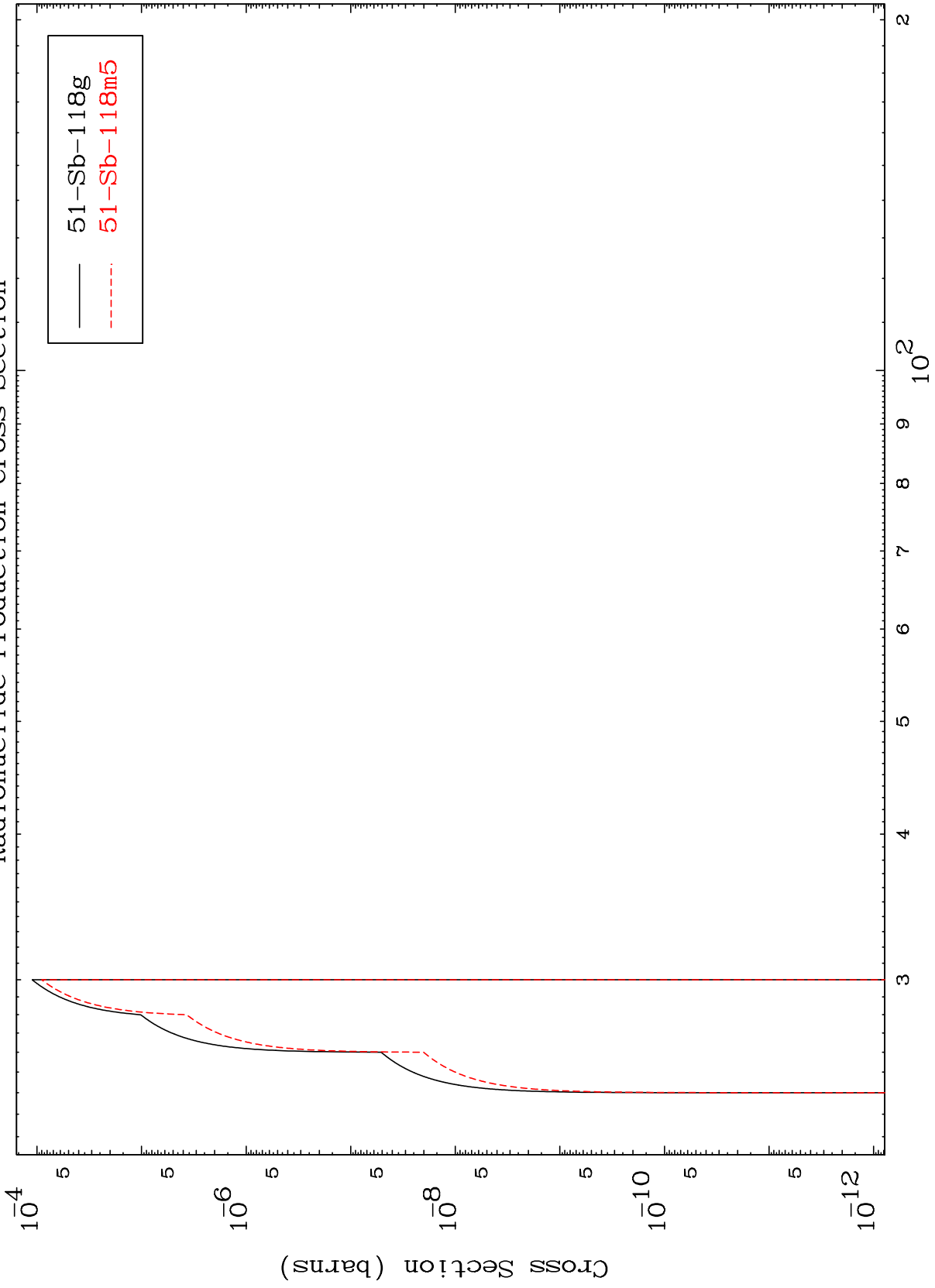
50-Sn-117

MAT 5040

(α, n') d

50-Sn-117

Radionuclide Production Cross Section



12

Incident Energy (MeV)

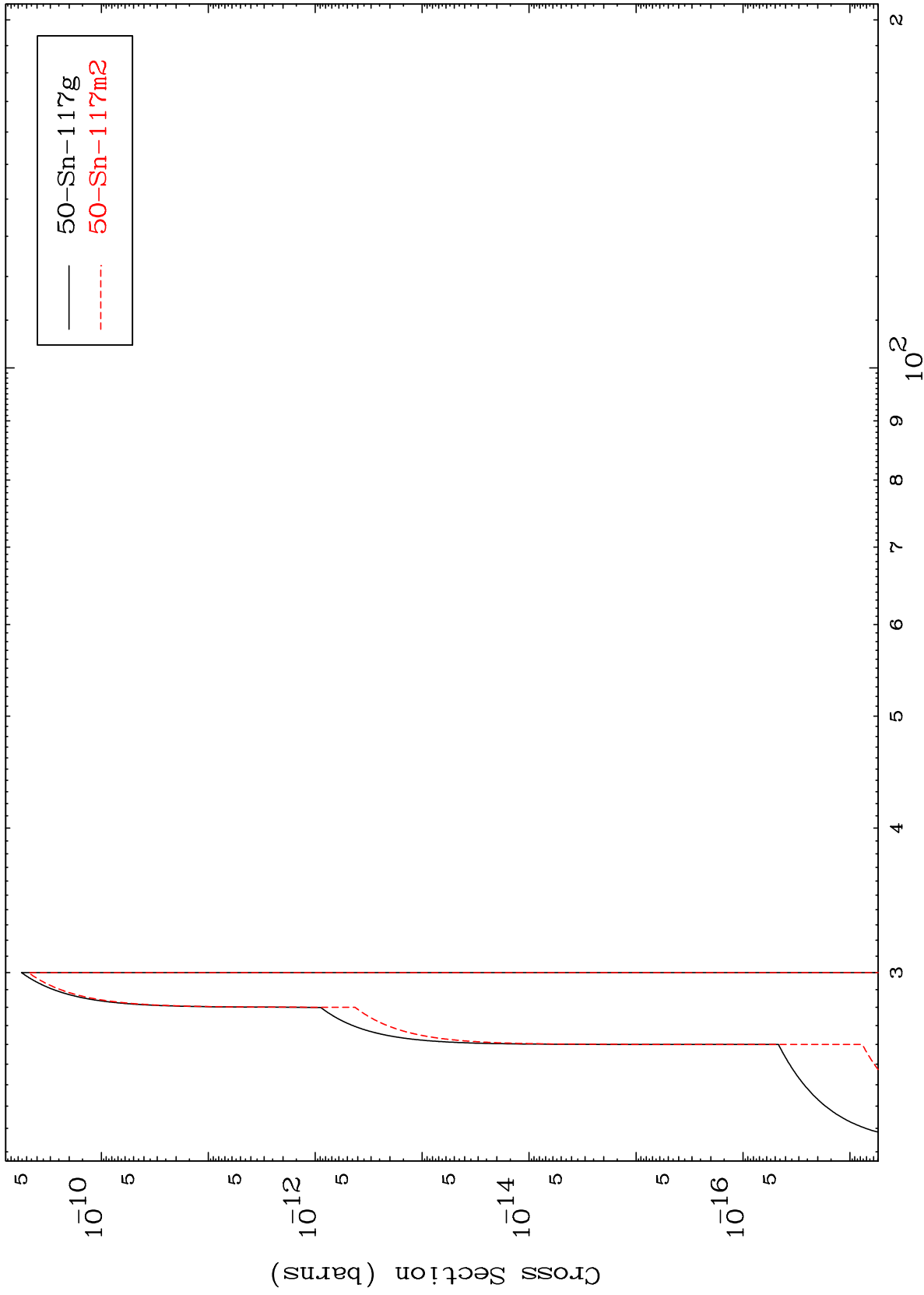
50-Sn-117

MAT 5040

(α, n') He-3

50-Sn-117

Radionuclide Production Cross Section



13

Incident Energy (MeV)

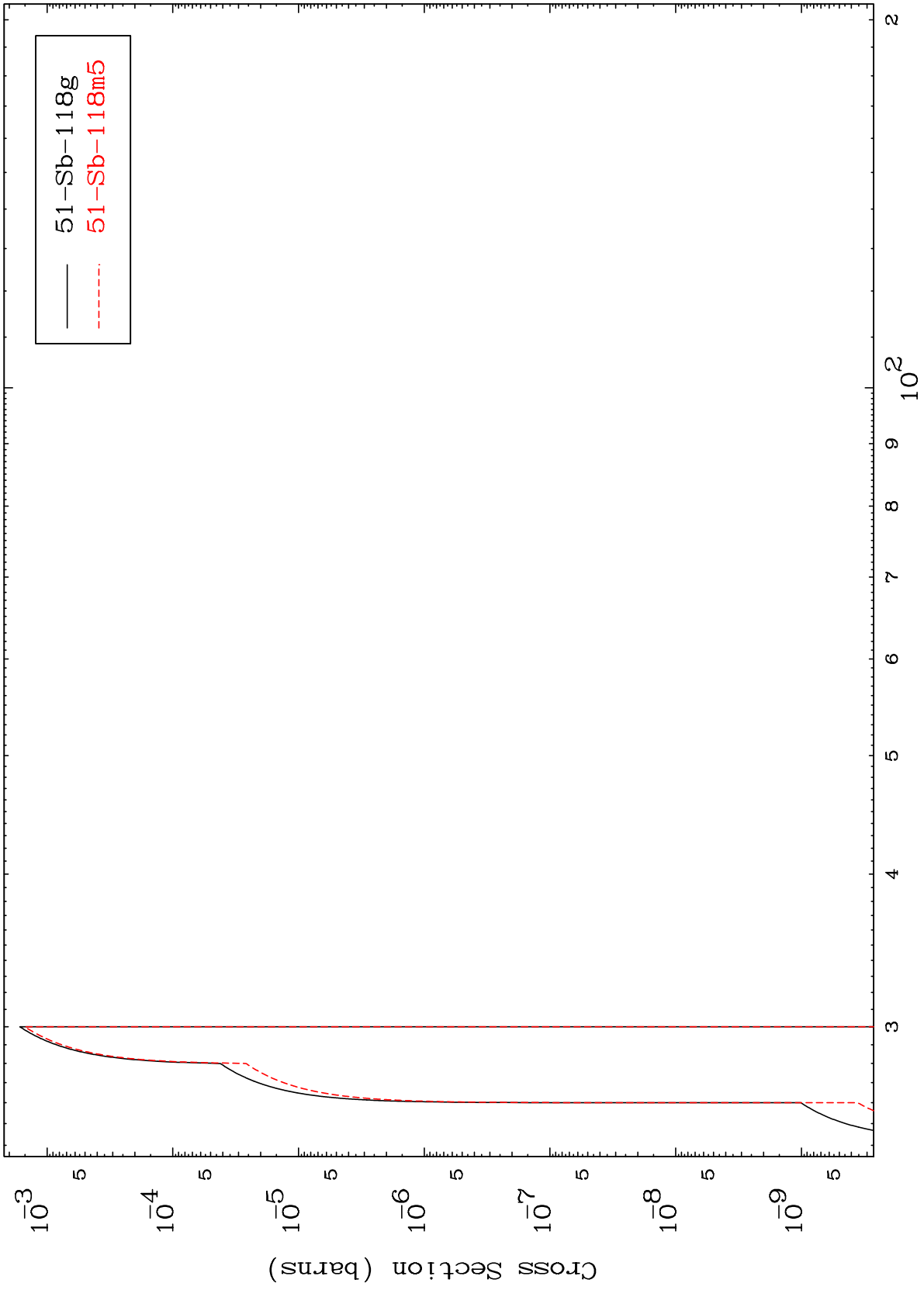
50-Sn-117

MAT 5040

($\alpha, 2n$) p

50-Sn-117

Radionuclide Production Cross Section



14

Incident Energy (MeV)

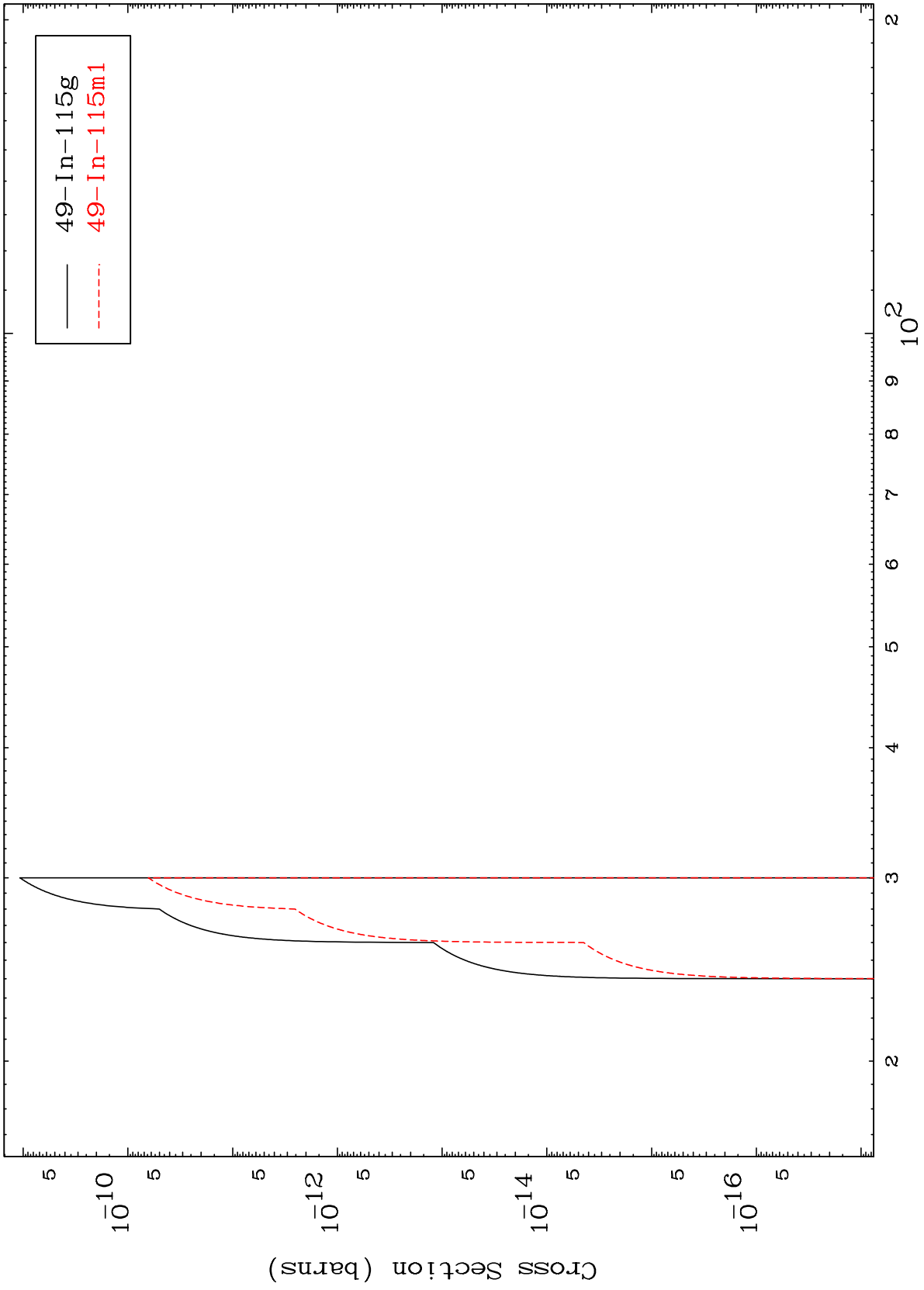
50-Sn-117

MAT 5040

(α, n') p α

50-Sn-117

Radionuclide Production Cross Section



15

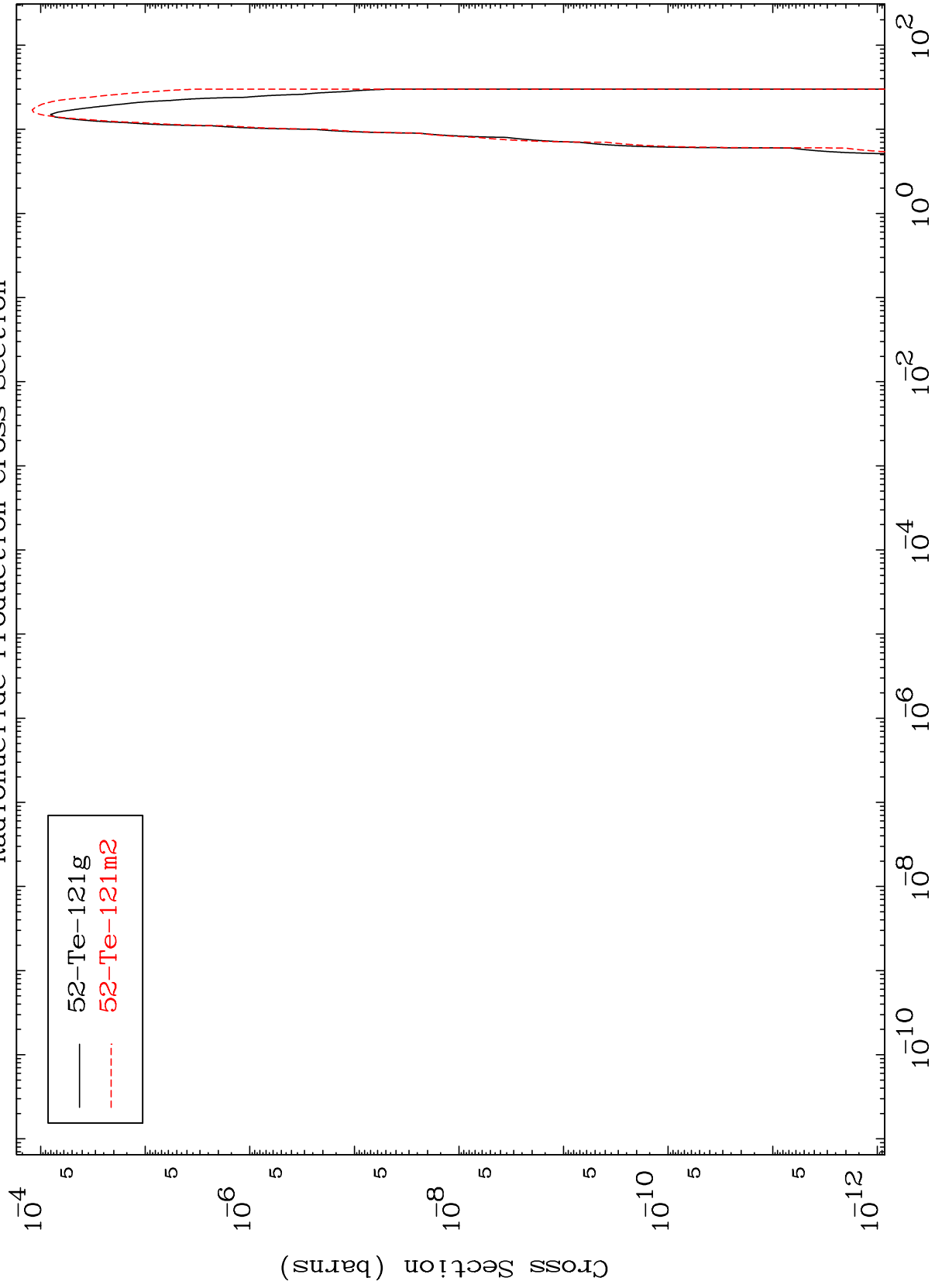
Incident Energy (MeV)

50-Sn-117

MAT 5040

Radionuclide Production Cross Section
(α, γ)

50-Sn-117

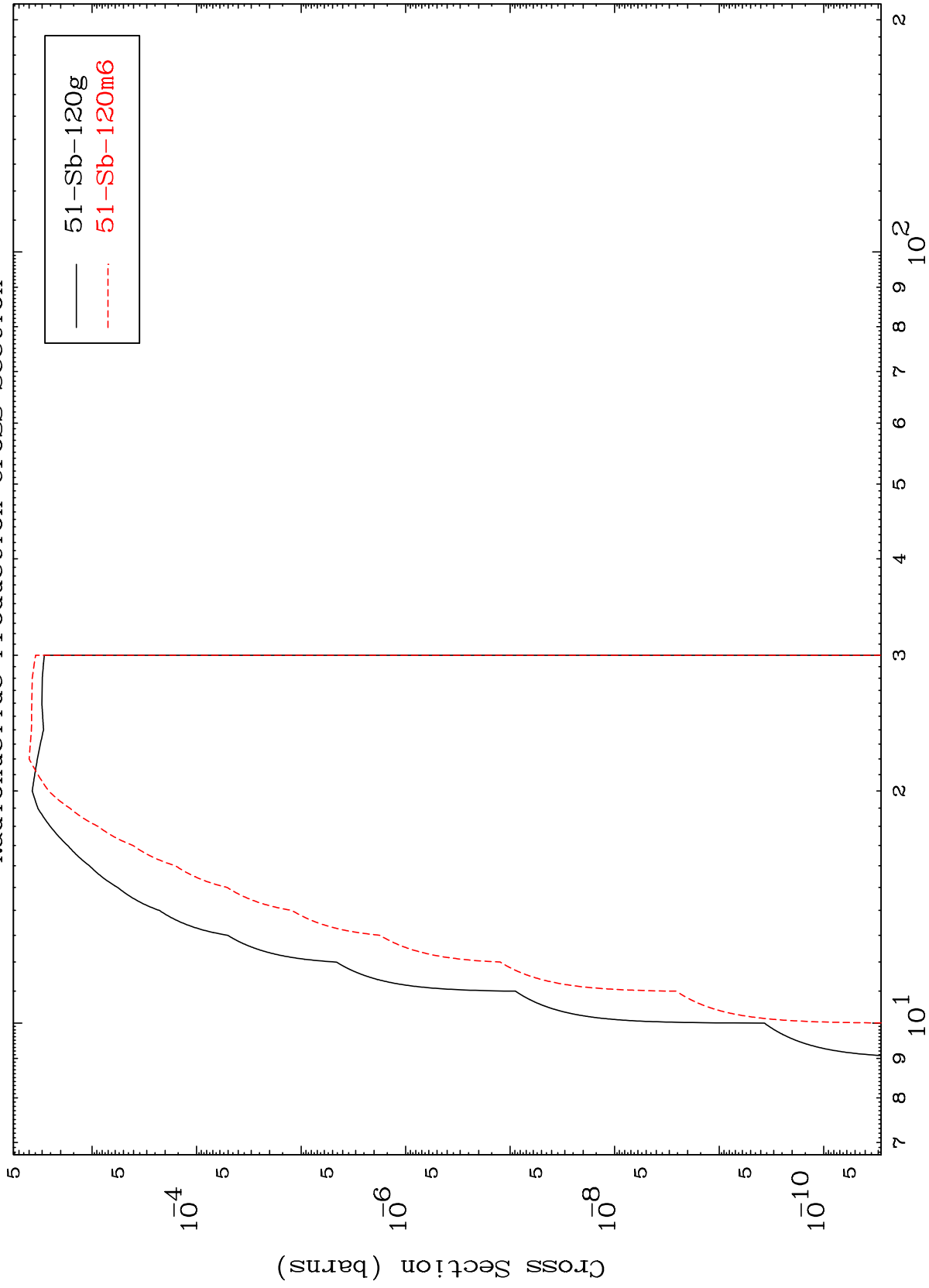


52-Te-121g
52-Te-121m2

MAT 5040

50-Sn-117

(α, p)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

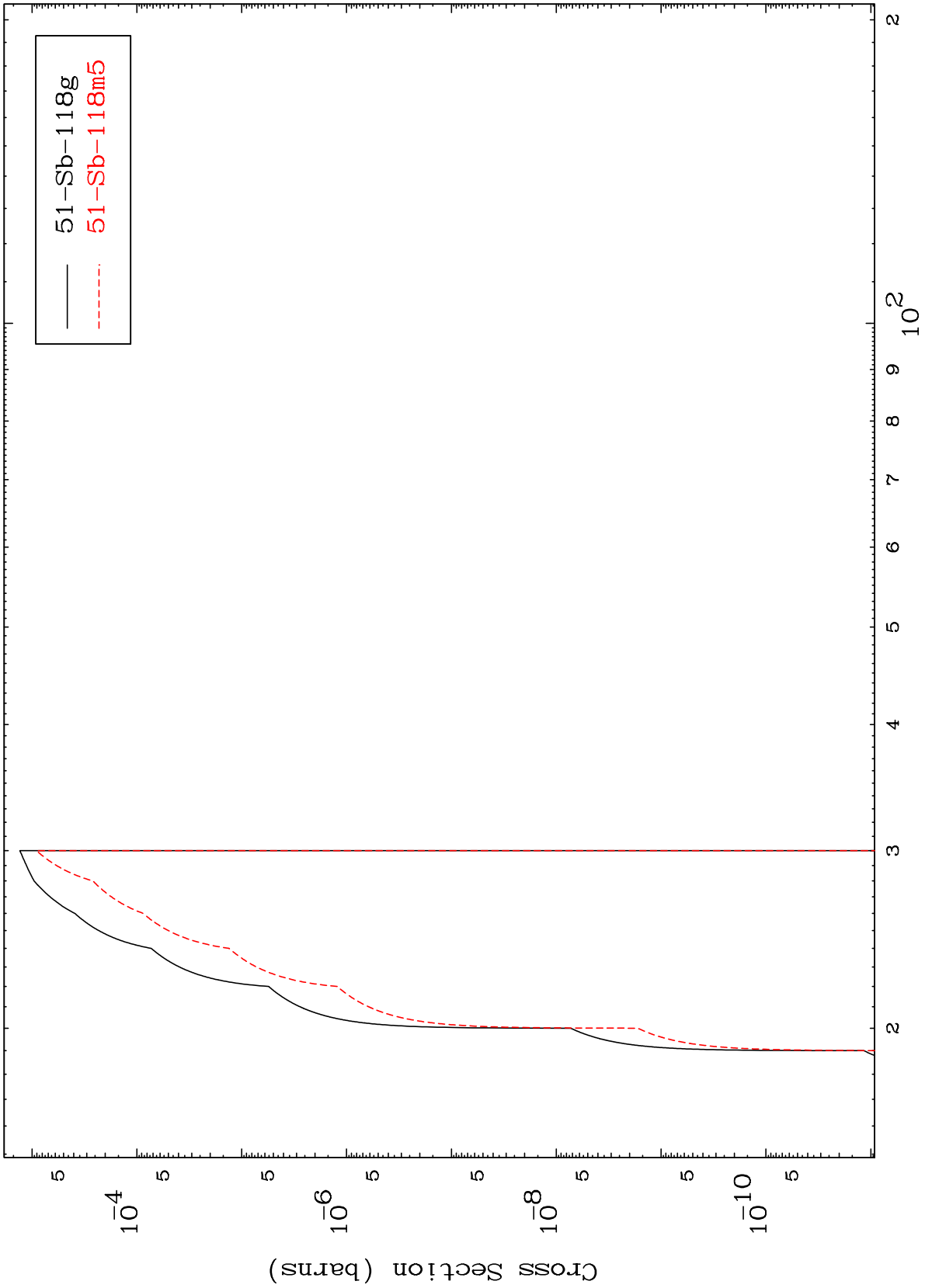
50-Sn-117

MAT 5040

(α, t)

50-Sn-117

Radionuclide Production Cross Section



18

Incident Energy (MeV)

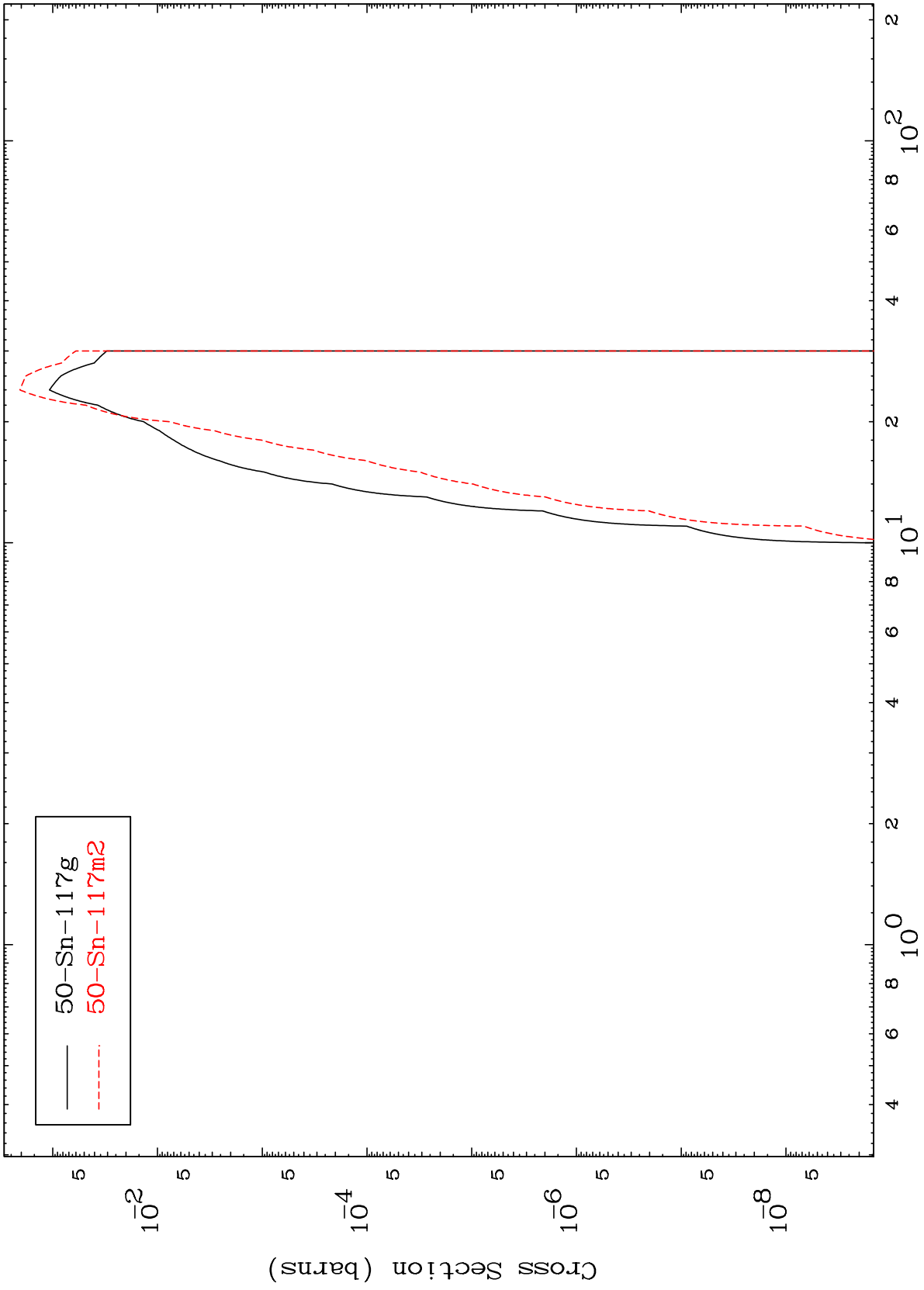
50-Sn-117

MAT 5040

(α, α)

50-Sn-117

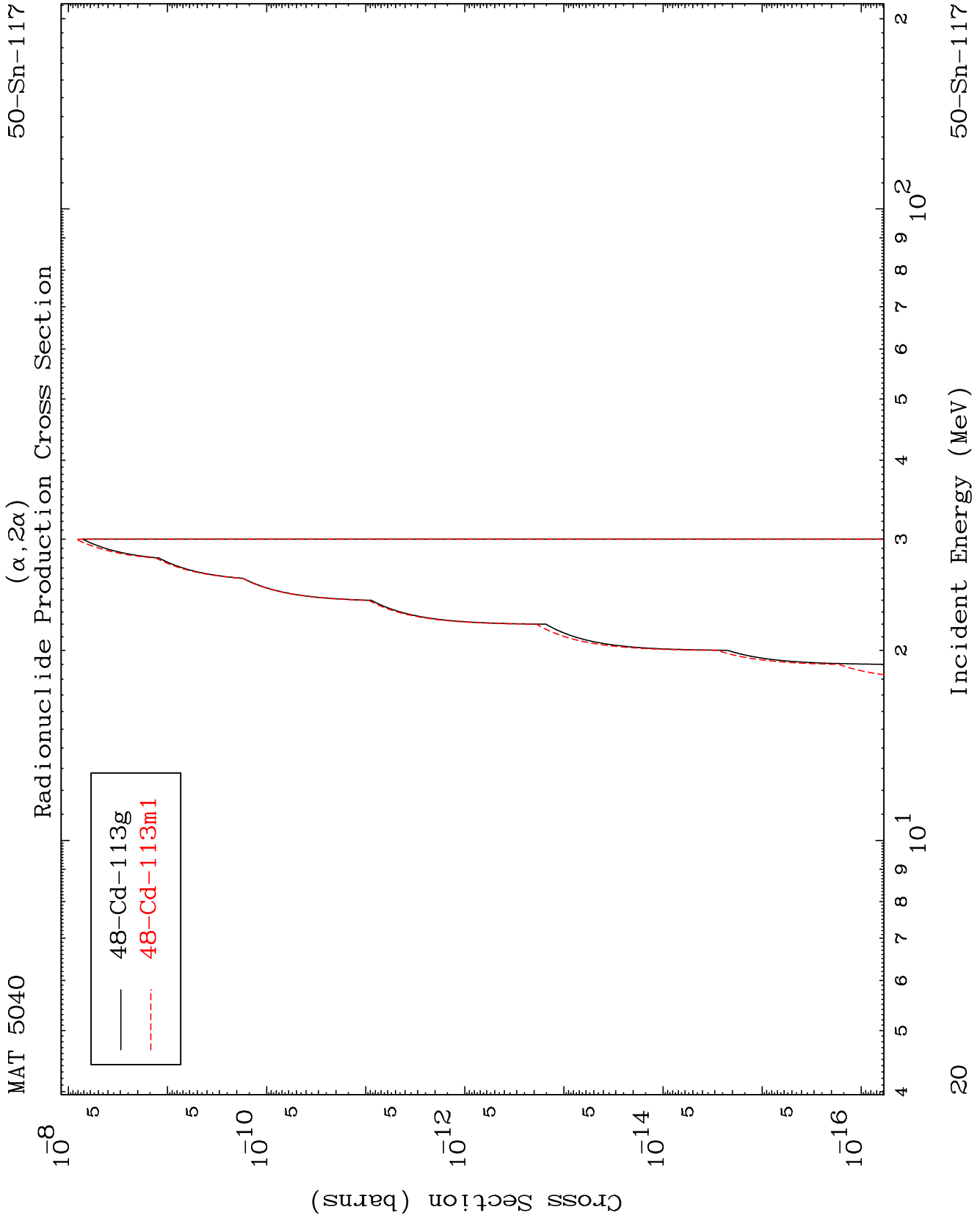
Radionuclide Production Cross Section



19

Incident Energy (MeV)

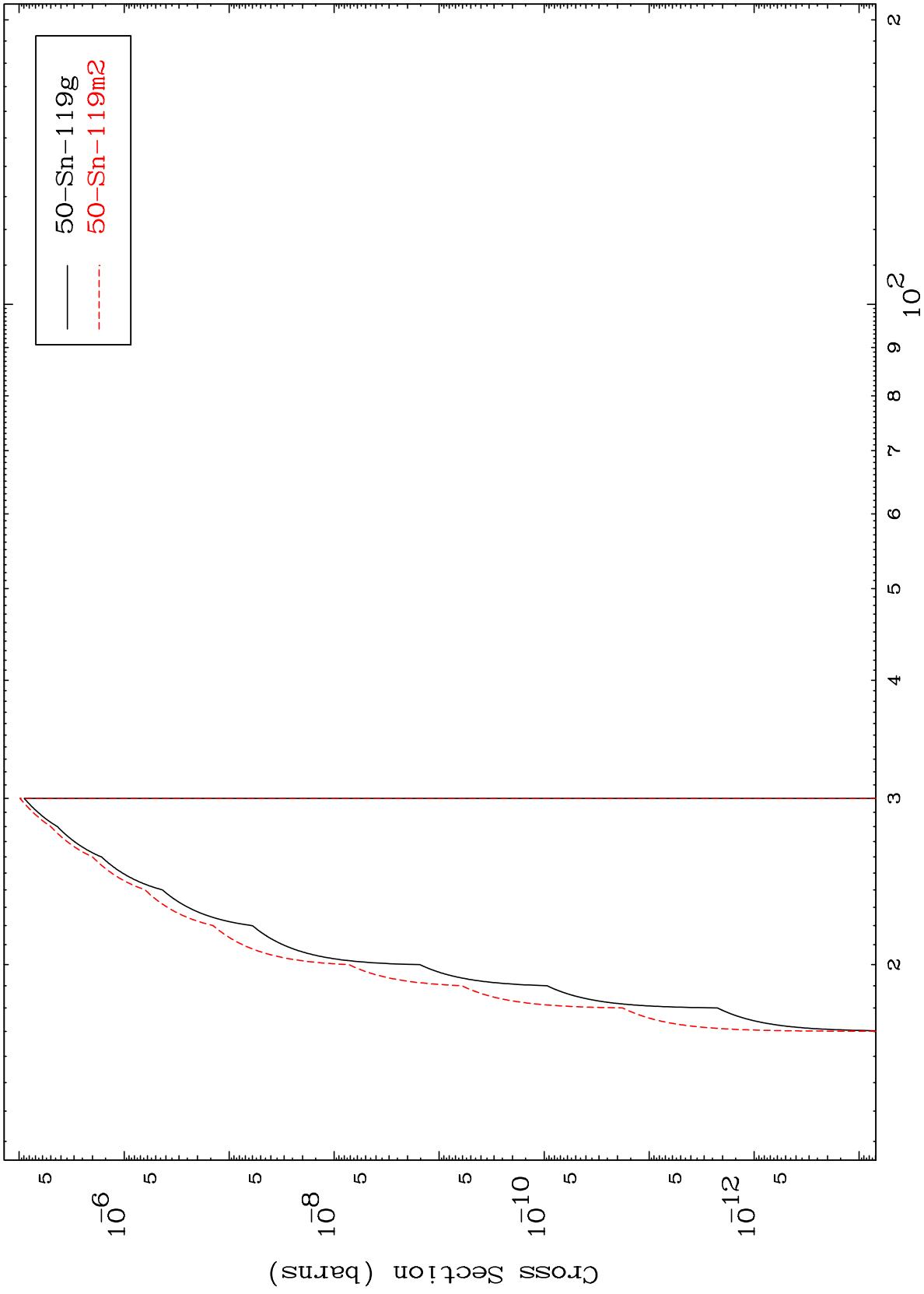
50-Sn-117



MAT 5040

50-Sn-117

Radionuclide Production Cross Section
($\alpha, 2p$)



21

50-Sn-117

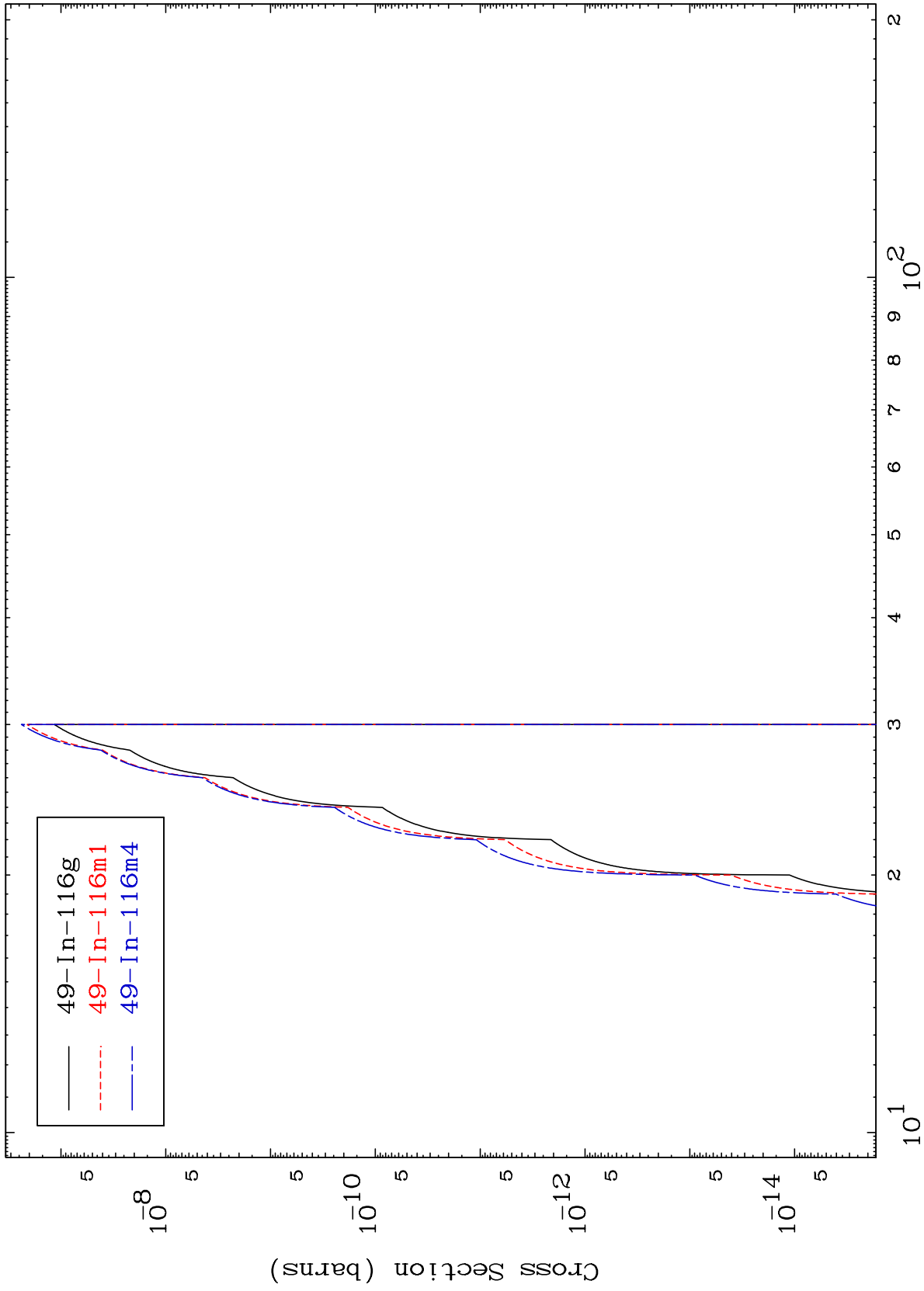
Incident Energy (MeV)

MAT 5040

(α, p) α

50-Sn-117

Radionuclide Production Cross Section



22

Incident Energy (MeV)

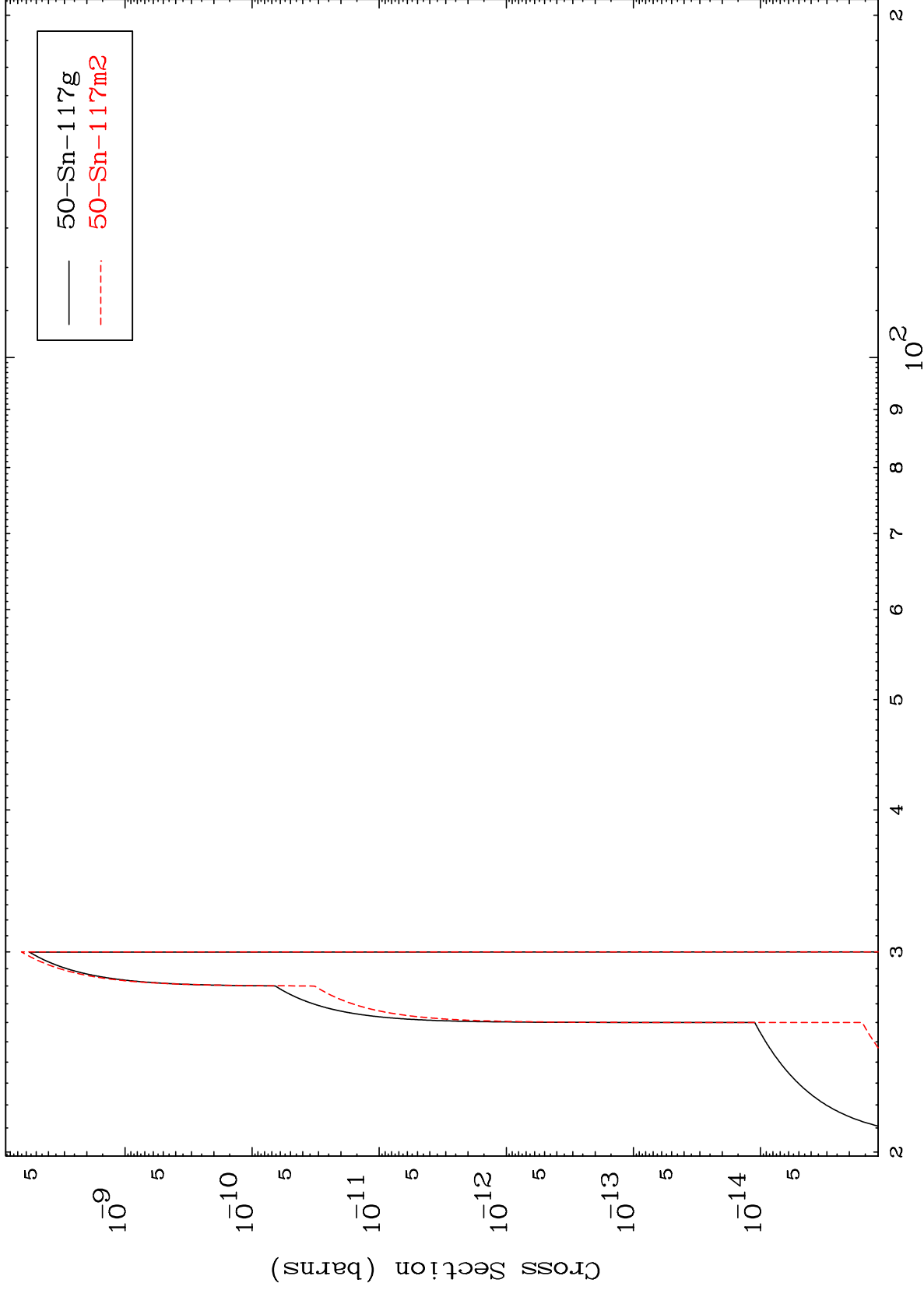
50-Sn-117

MAT 5040

(α, p) t

50-Sn-117

Radionuclide Production Cross Section



23

Incident Energy (MeV)

50-Sn-117