

Program EVALPLOT
(Version 2018-1)

by

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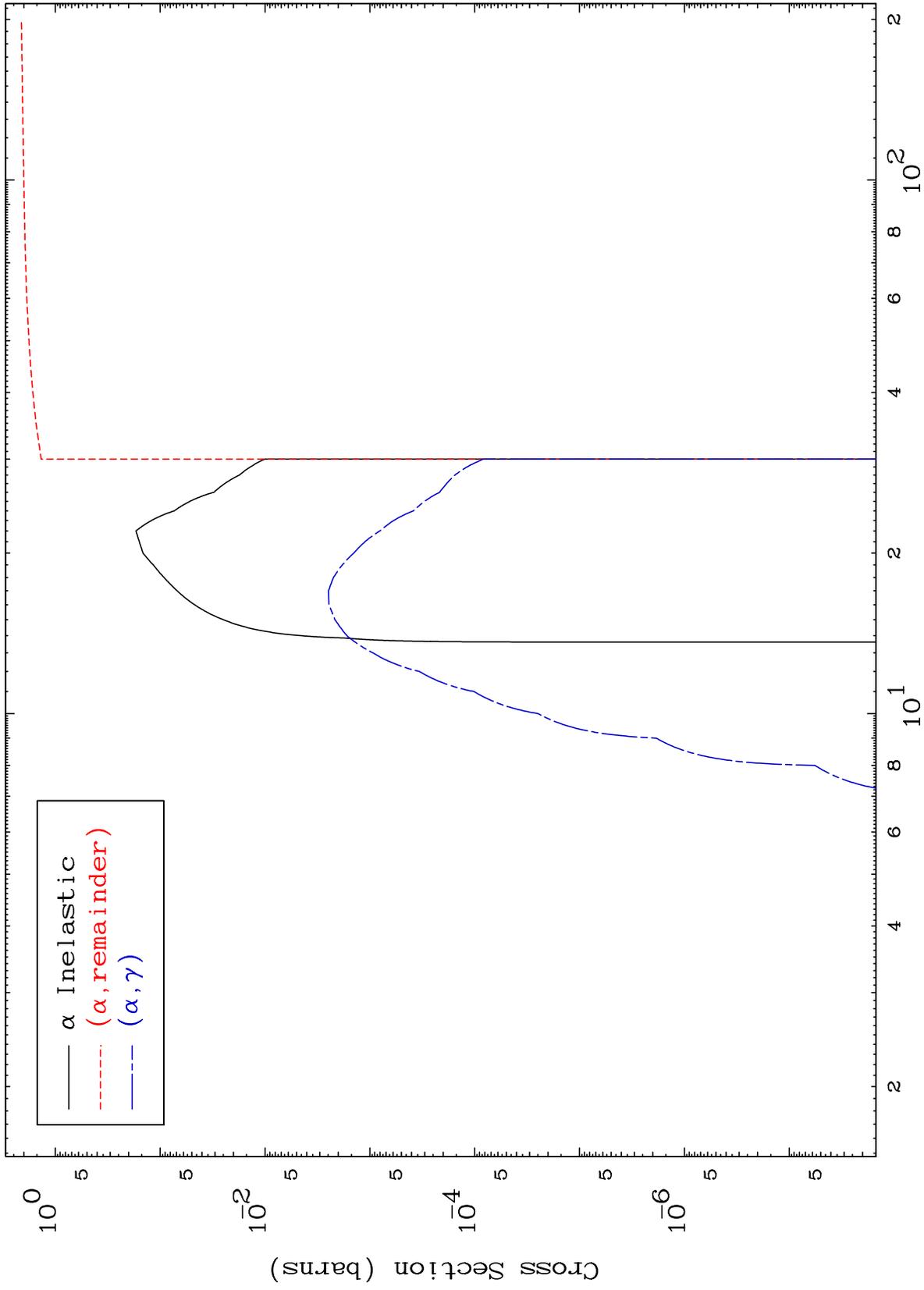
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5019

0 Kelvin α Major
Cross Sections

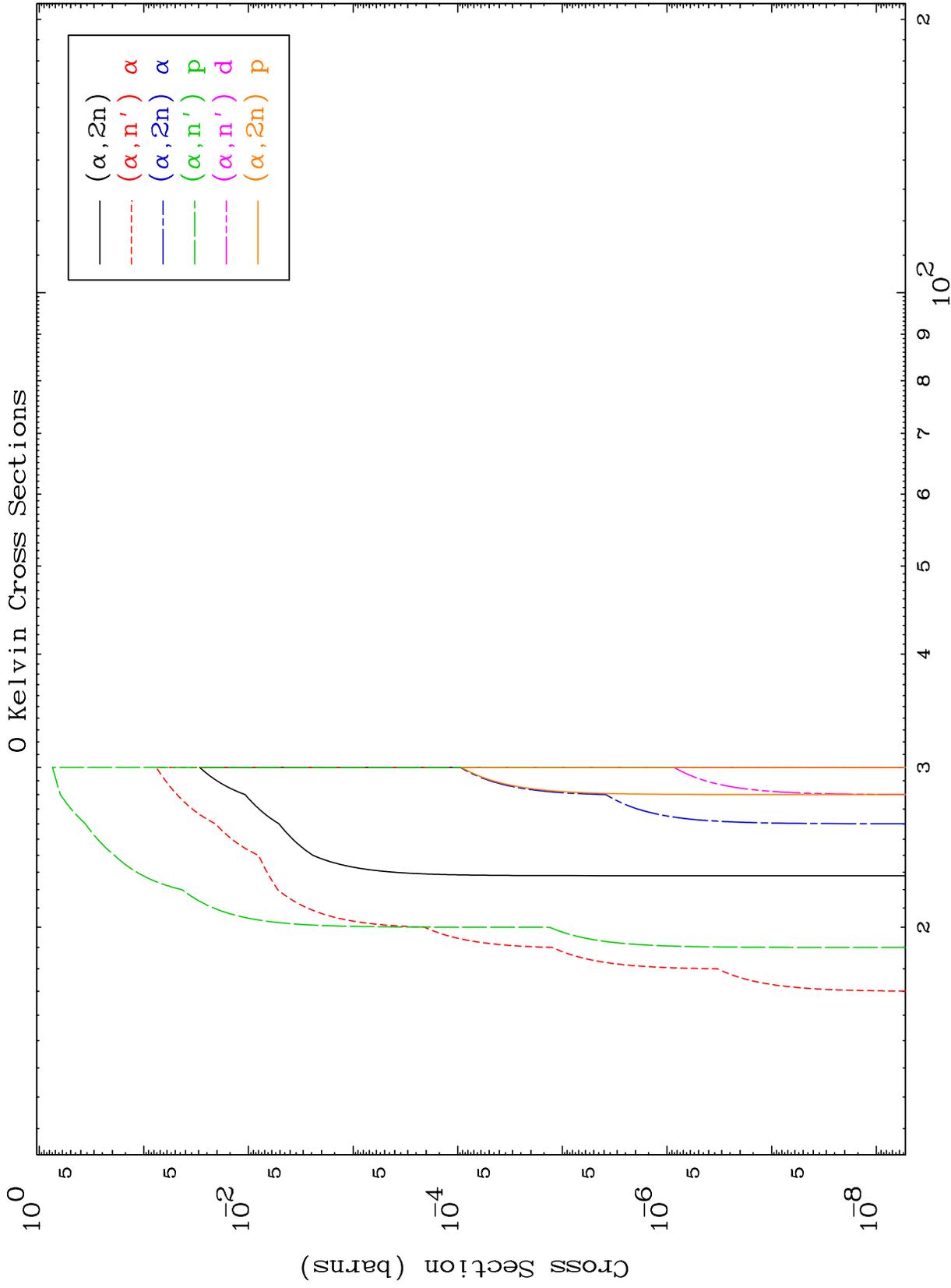
50-Sn-110



MAT 5019

α Neutron Production
0 Kelvin Cross Sections

50-Sn-110



2

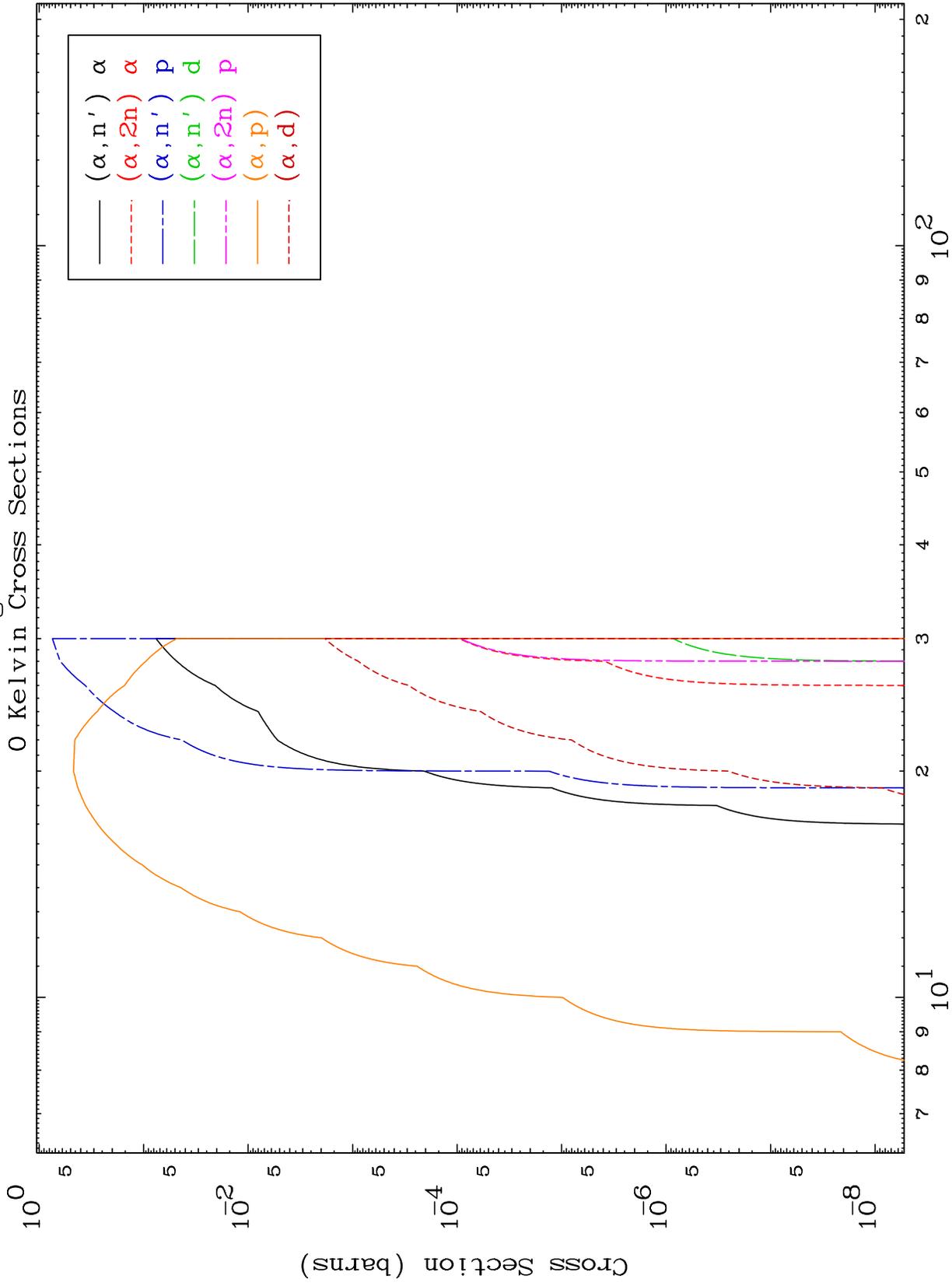
Incident Energy (MeV)

50-Sn-110

MAT 5019

α Charged Particle
0 Kelvin Cross Sections

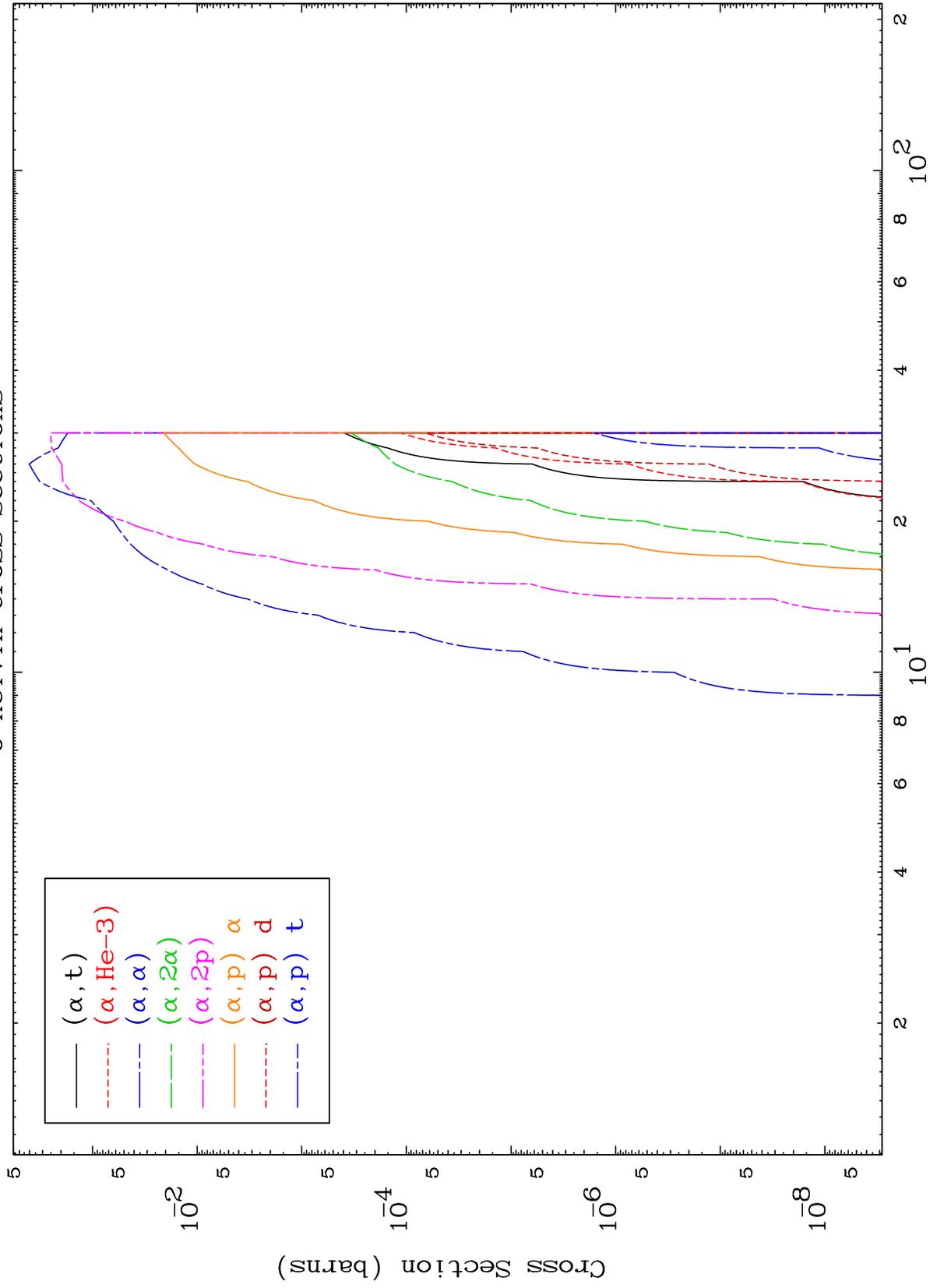
50-Sn-110



3

Incident Energy (MeV)

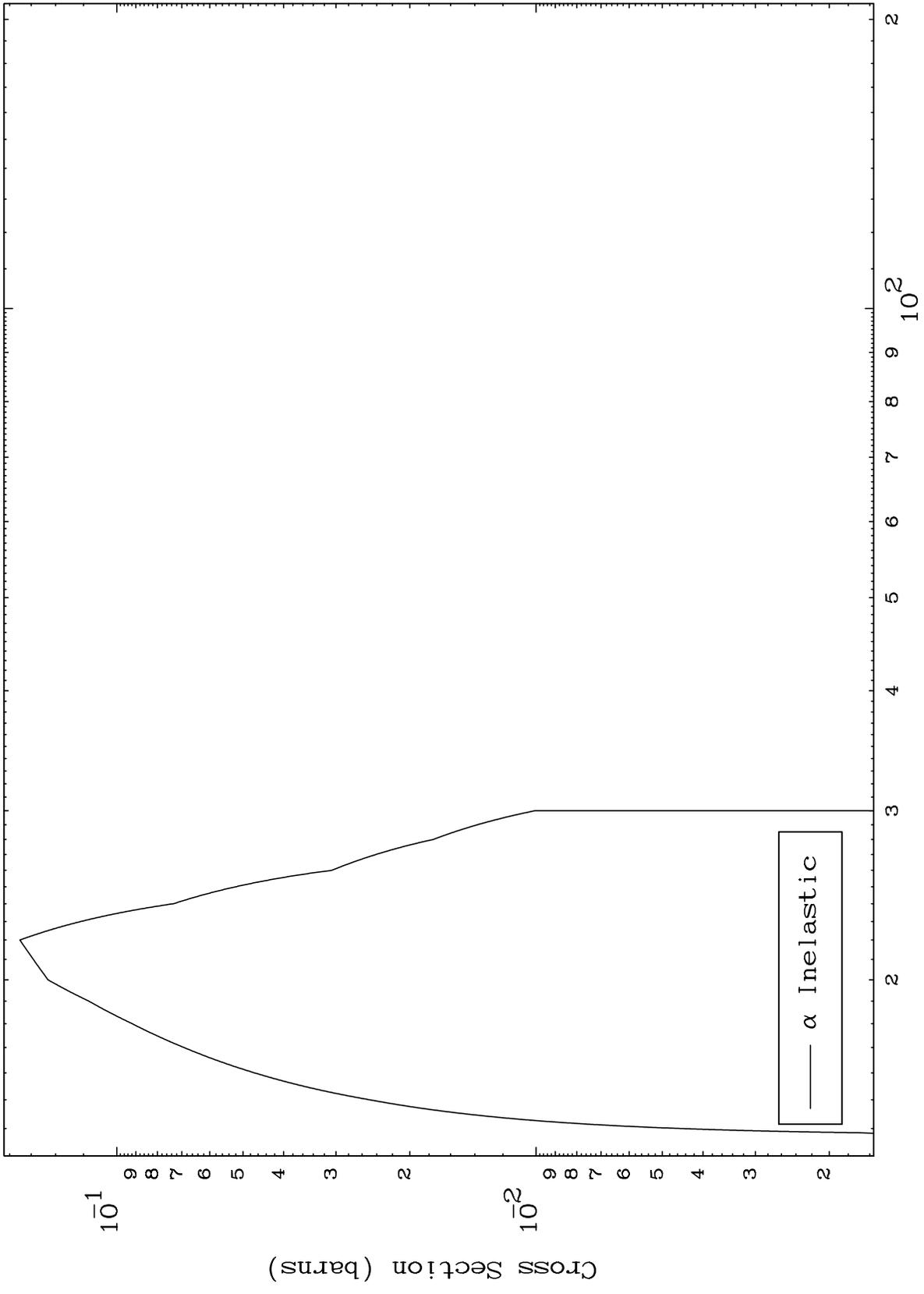
50-Sn-110



MAT 5019

(α, n') Level
0 Kelvin Cross Sections

50-Sn-110

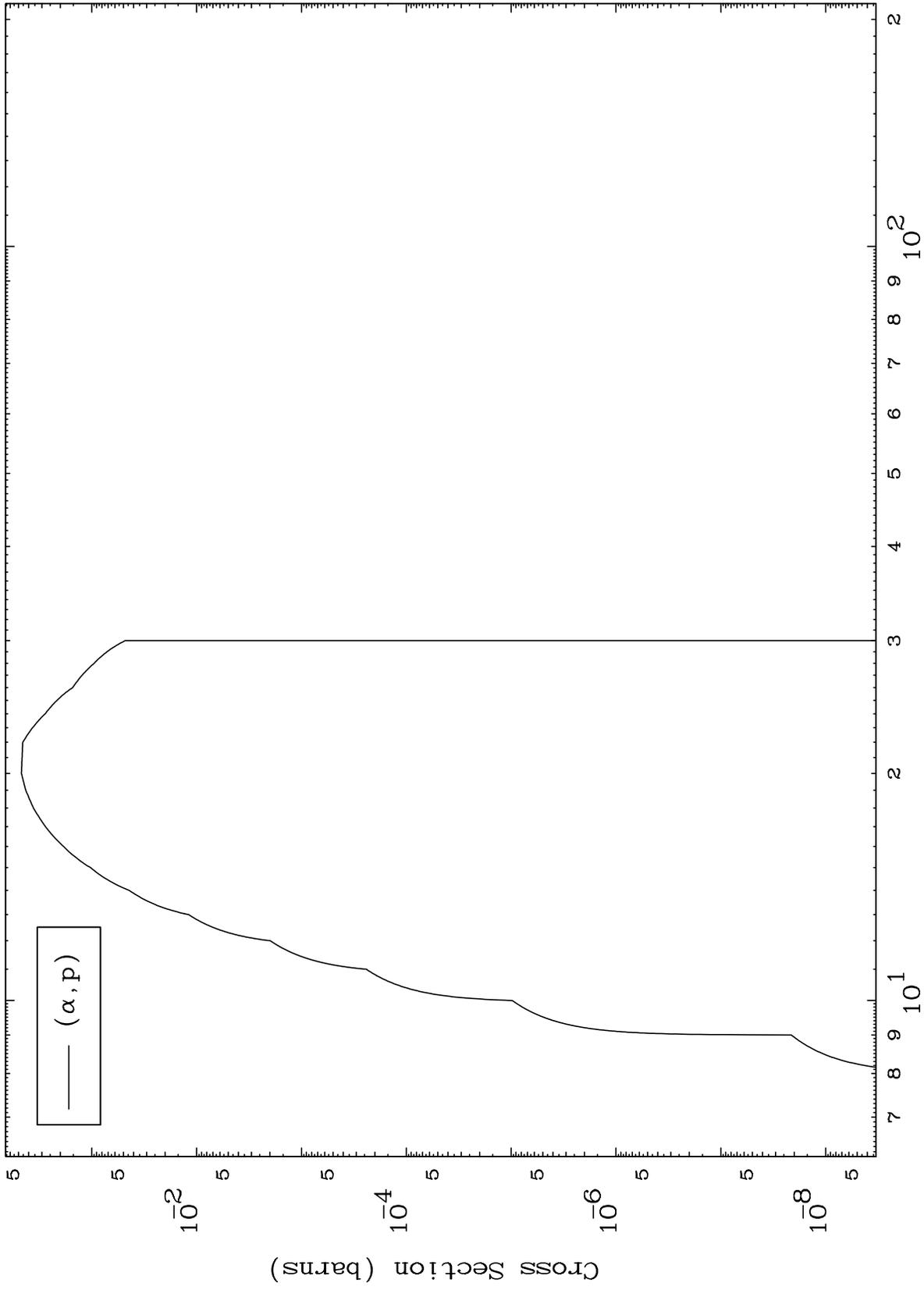


— α Inelastic

MAT 5019

(α, p) Levels
0 Kelvin Cross Sections

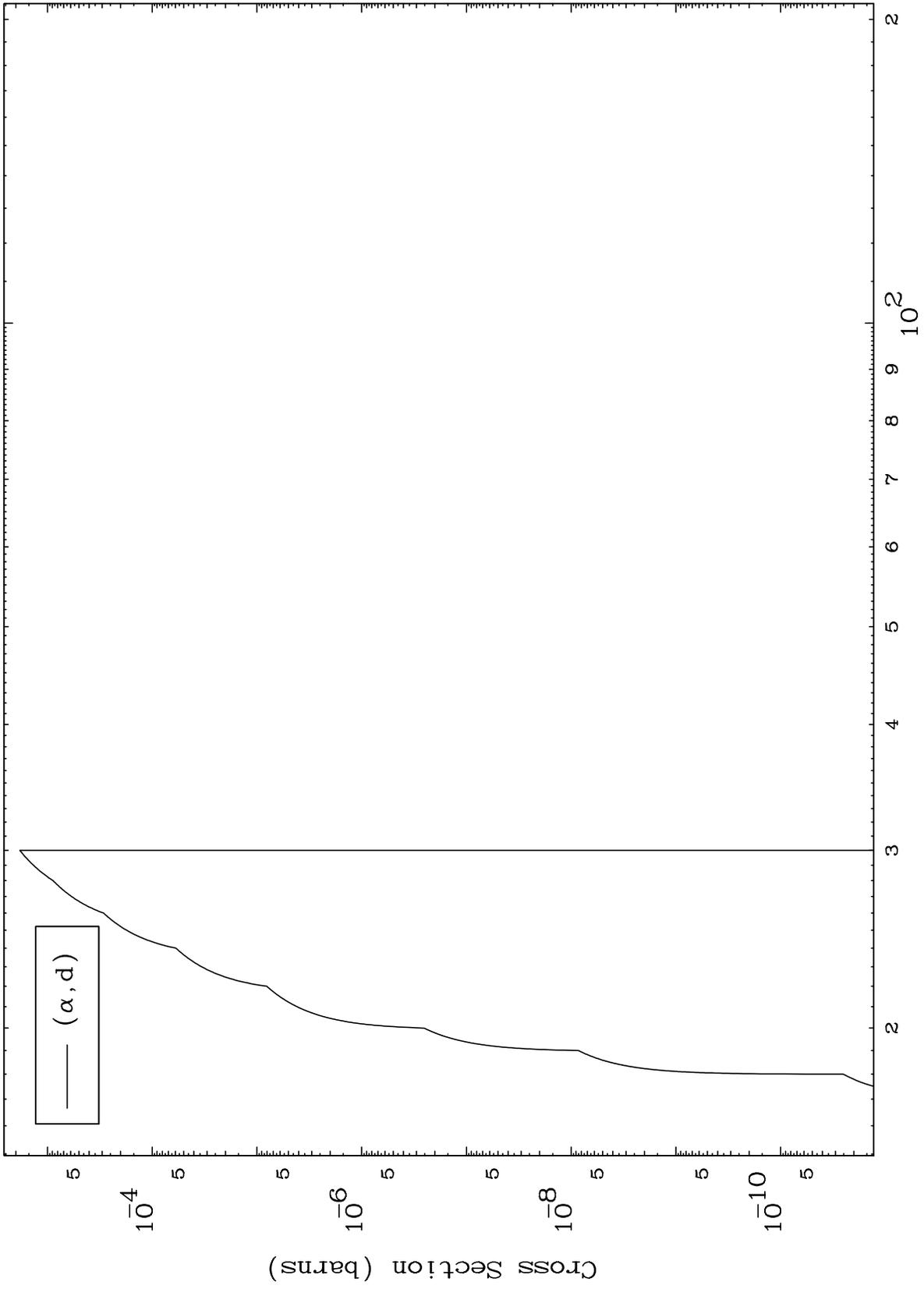
50-Sn-110



MAT 5019

(α, d) Levels
0 Kelvin Cross Sections

50-Sn-110



7

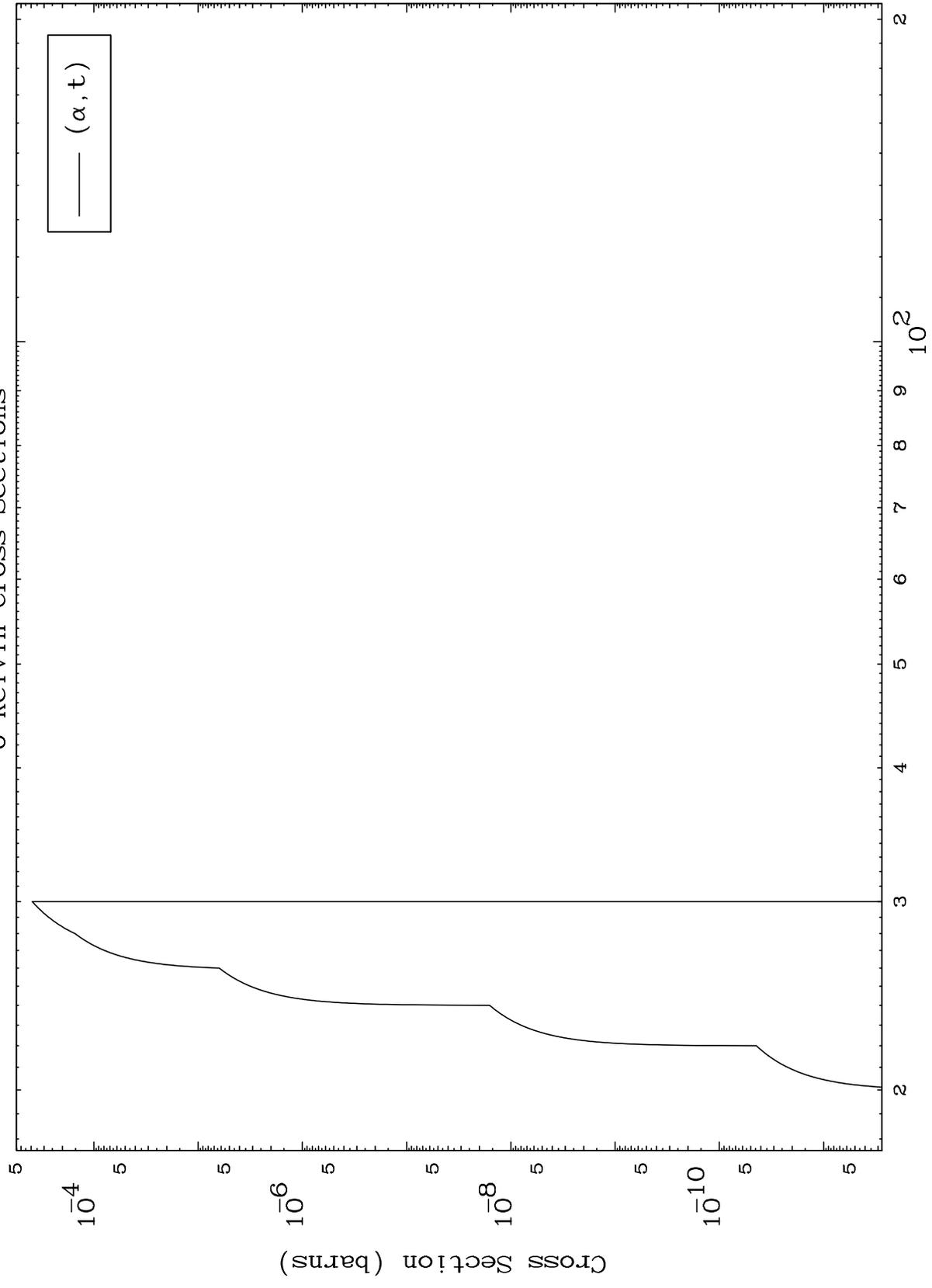
Incident Energy (MeV)

50-Sn-110

MAT 5019

(α, t) Levels
0 Kelvin Cross Sections

50-Sn-110



8

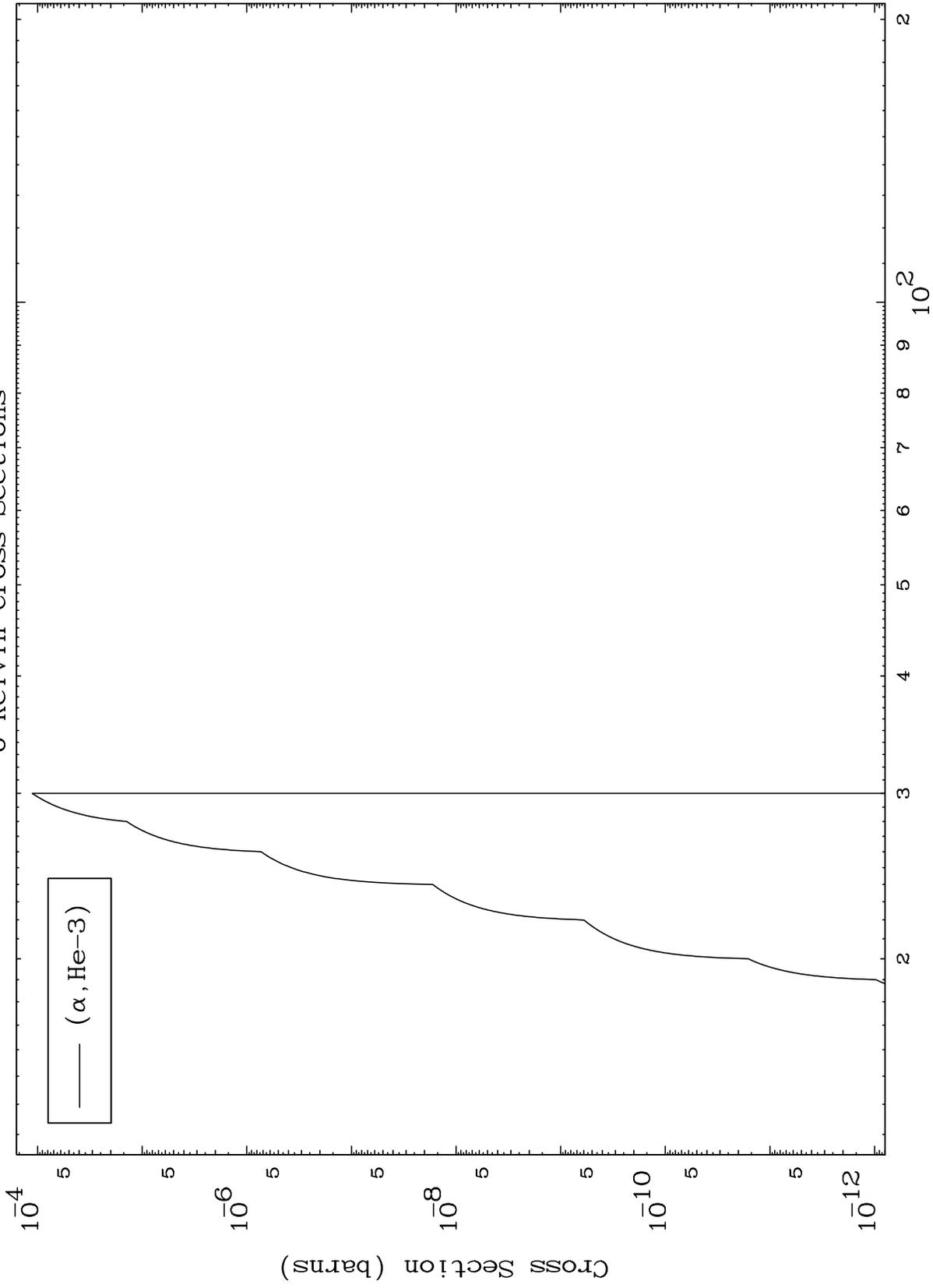
Incident Energy (MeV)

50-Sn-110

MAT 5019

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

50-Sn-110



9

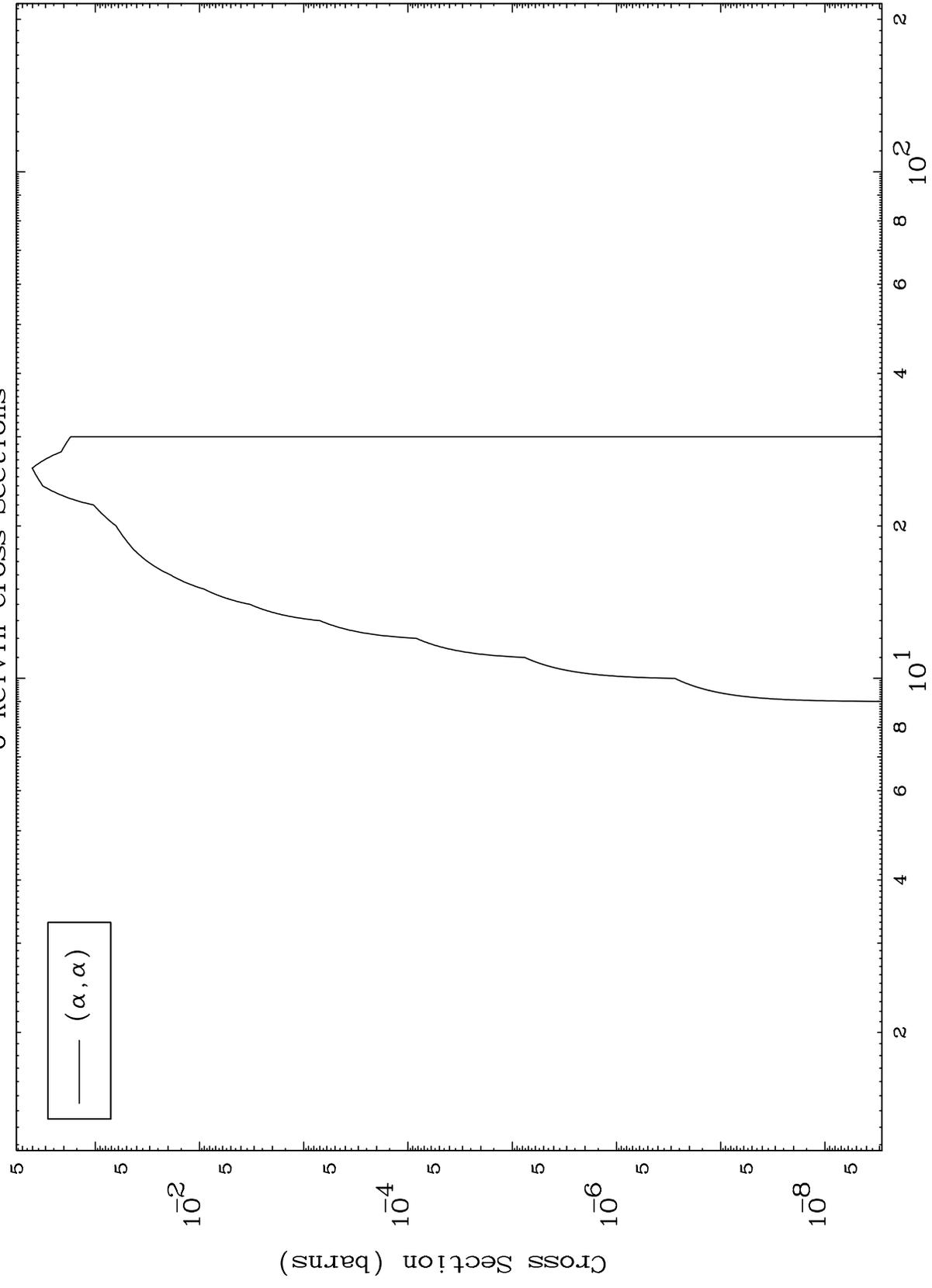
Incident Energy (MeV)

50-Sn-110

MAT 5019

(α, α) Levels
0 Kelvin Cross Sections

50-Sn-110



10

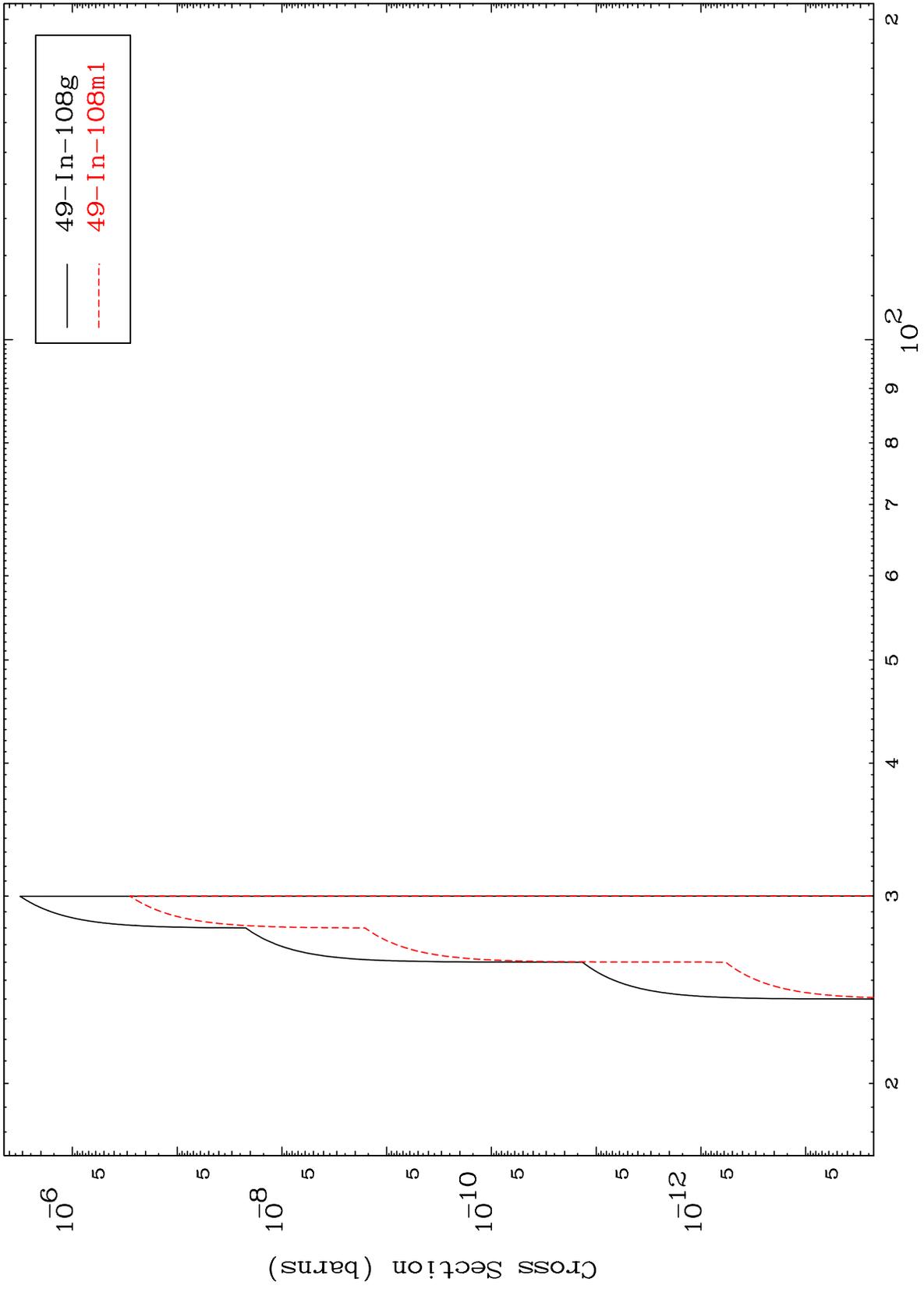
Incident Energy (MeV)

50-Sn-110

MAT 5019

50-Sn-110

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



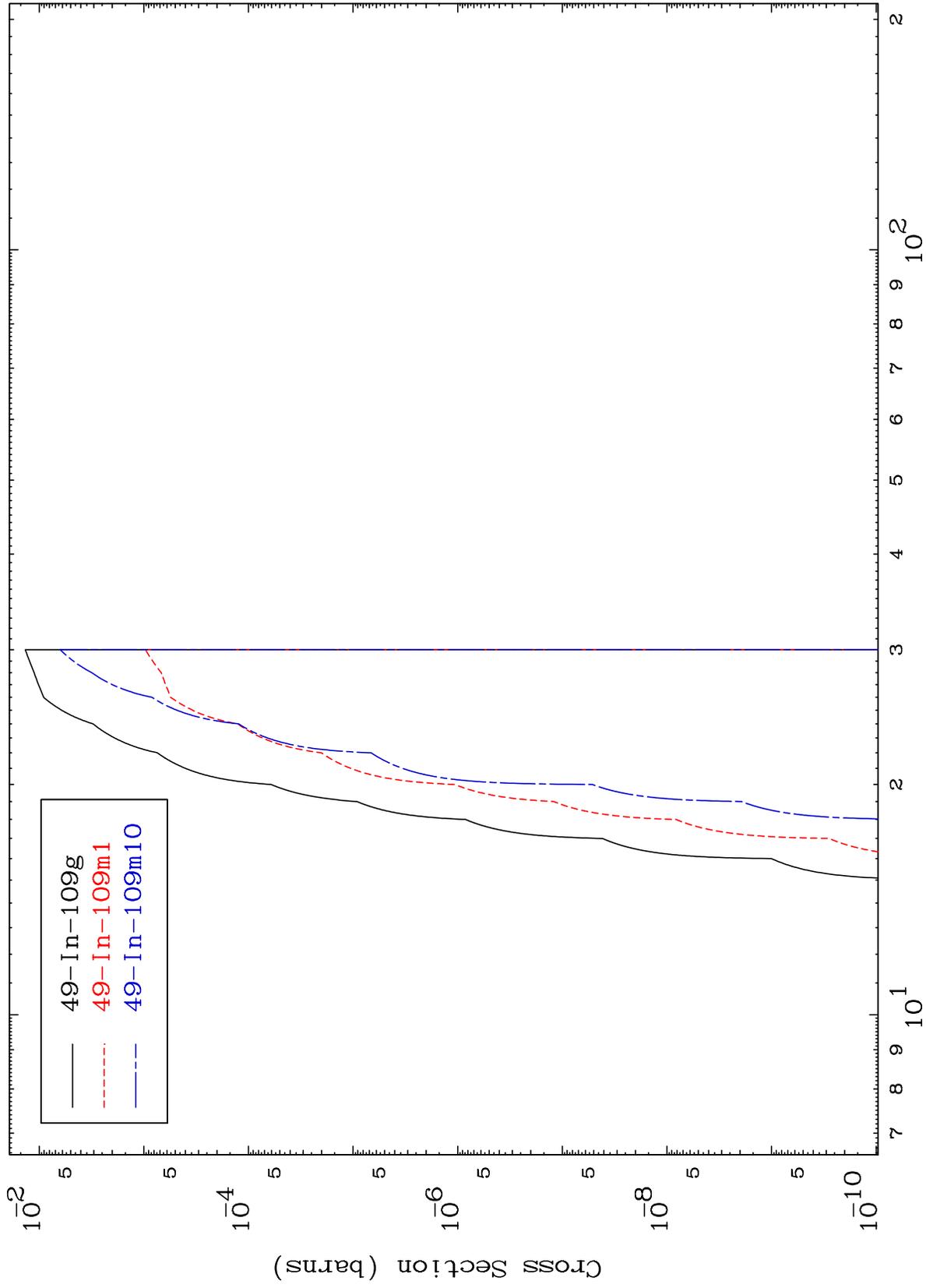
11

50-Sn-110

MAT 5019

50-Sn-110

(α, p) α
Radionuclide Production Cross Section



12

Incident Energy (MeV)

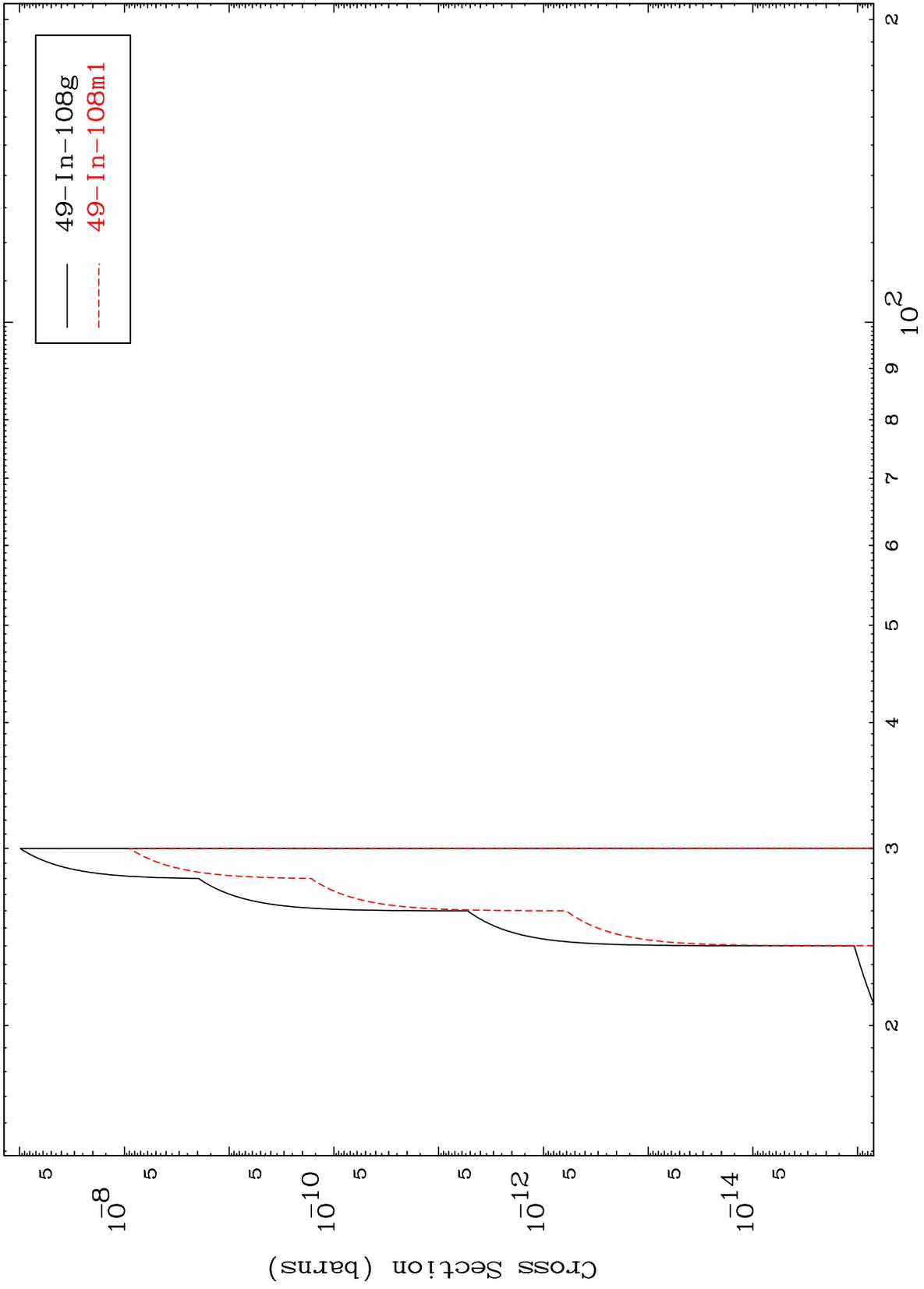
50-Sn-110

MAT 5019

(α, d) α

50-Sn-110

Radionuclide Production Cross Section



13

Incident Energy (MeV)

50-Sn-110