

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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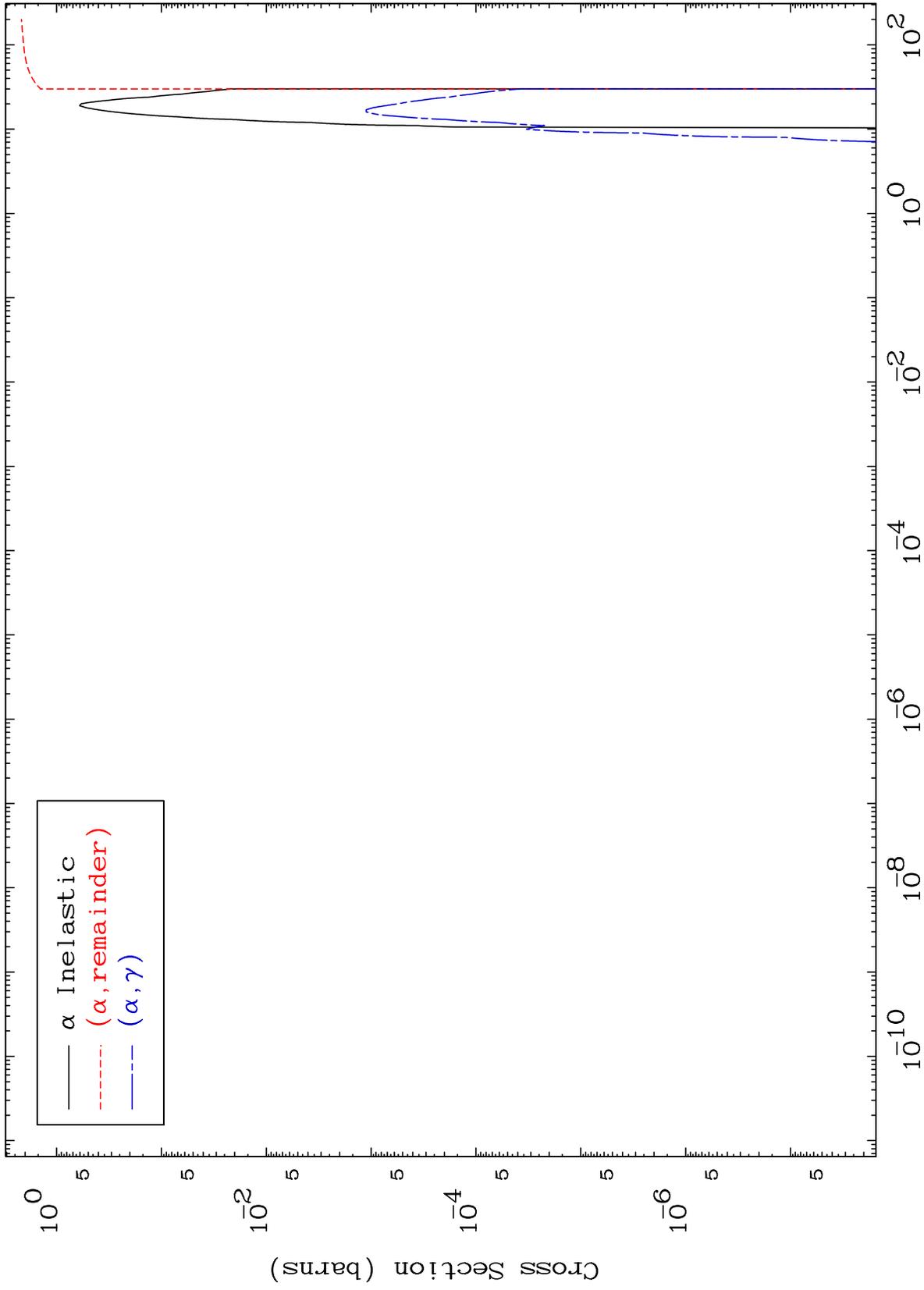
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5037

0 Kelvin α Major
Cross Sections

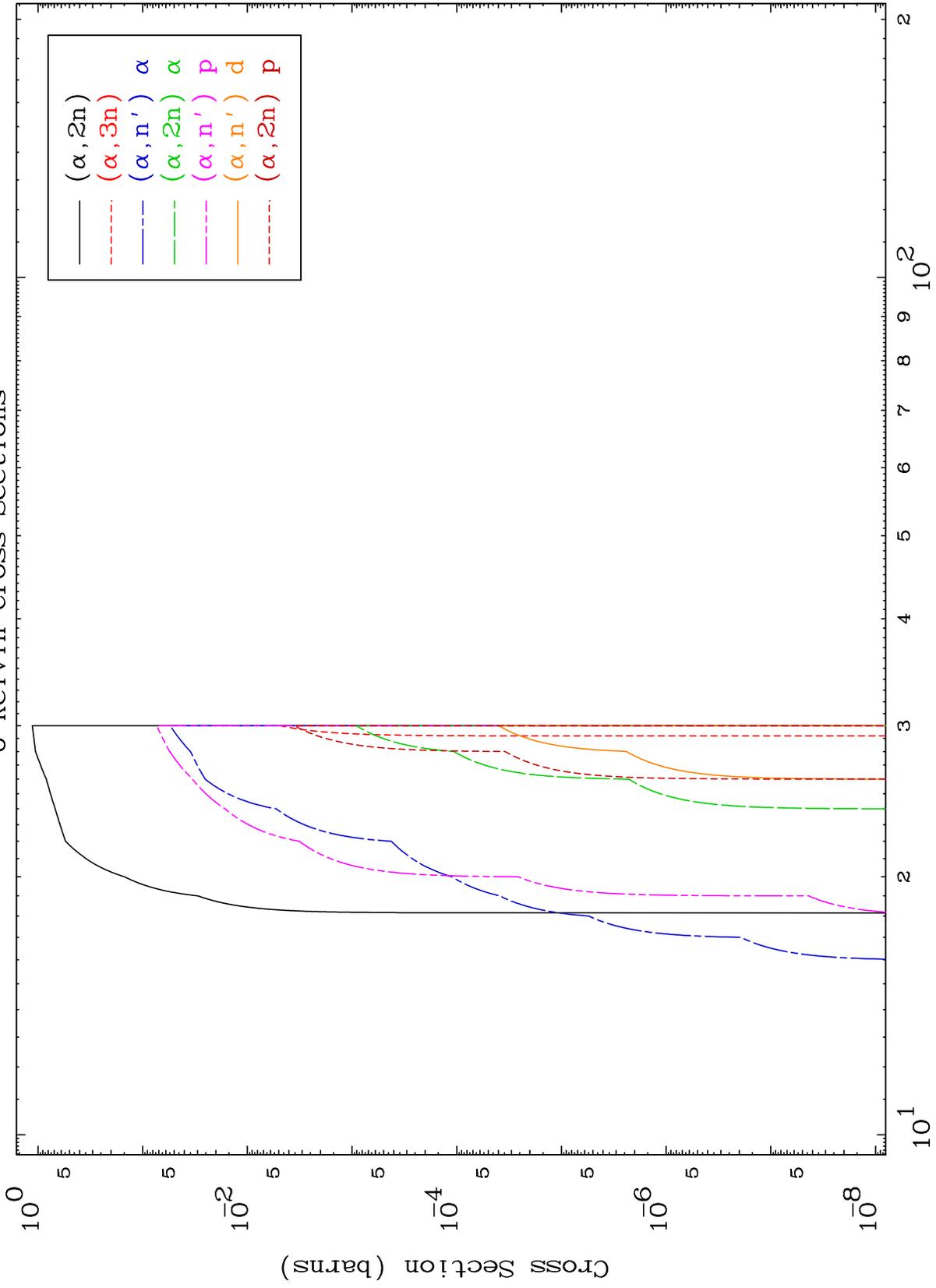
50-Sn-116



MAT 5037

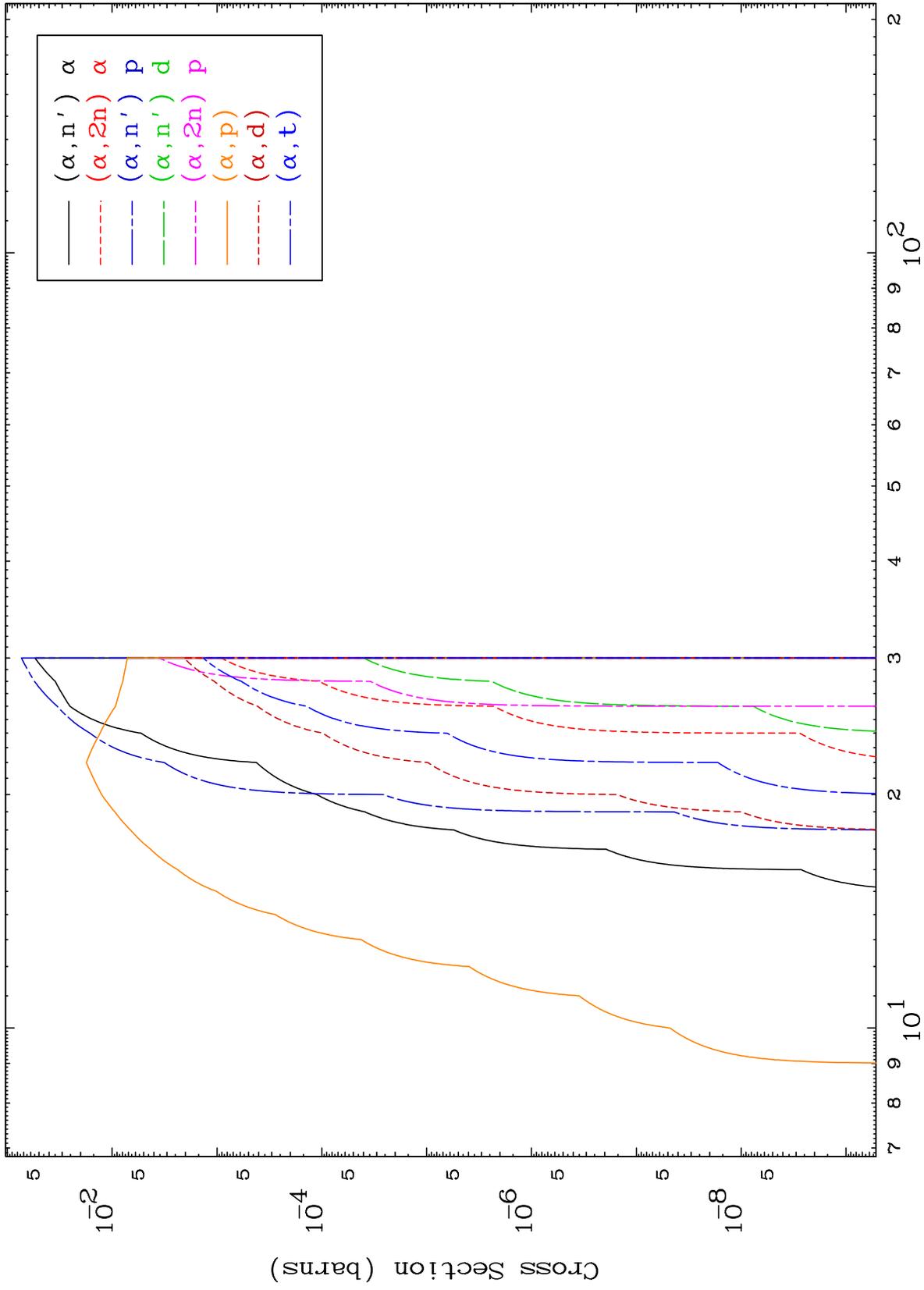
α Neutron Production
0 Kelvin Cross Sections

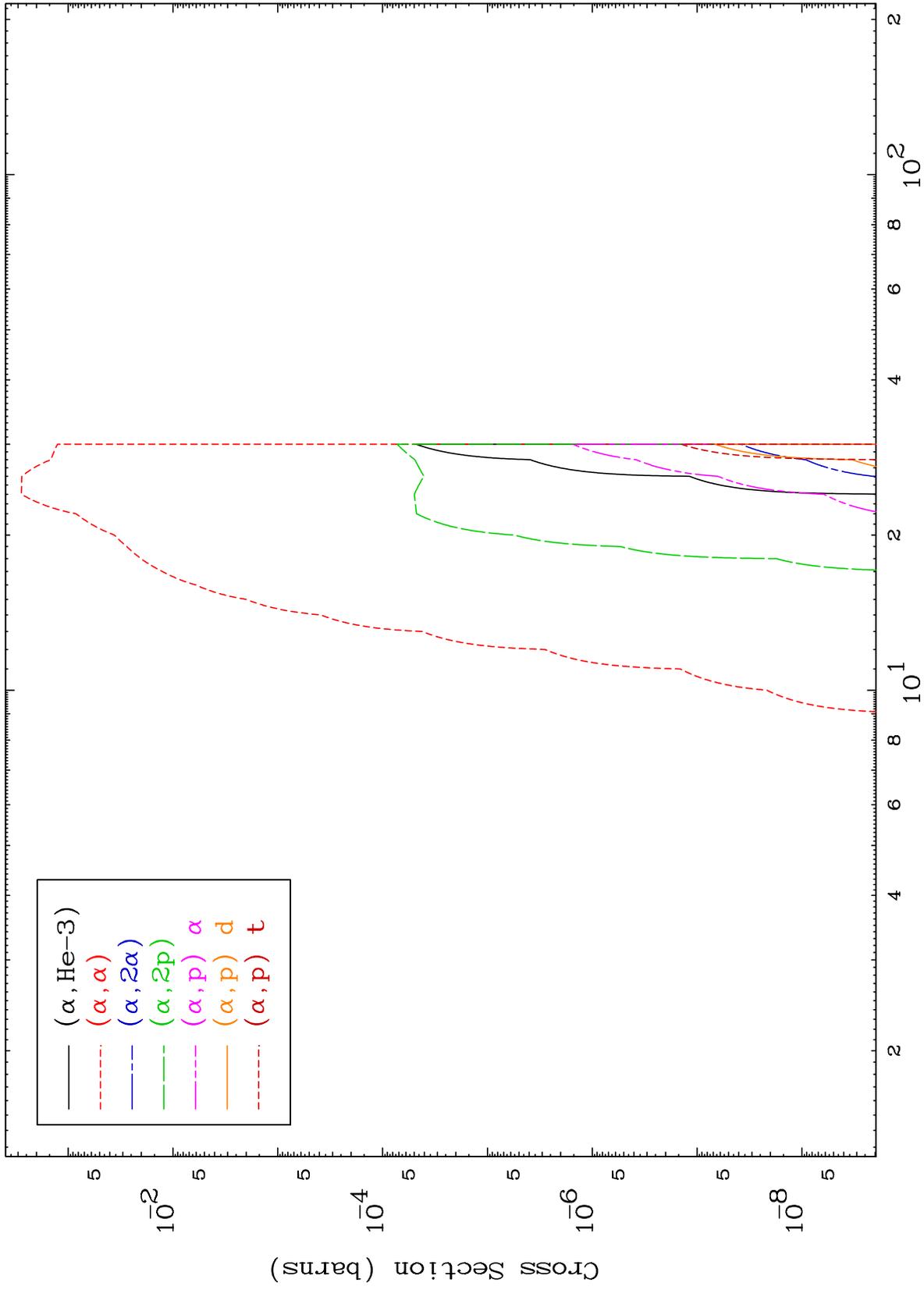
50-Sn-116



Incident Energy (MeV)

50-Sn-116

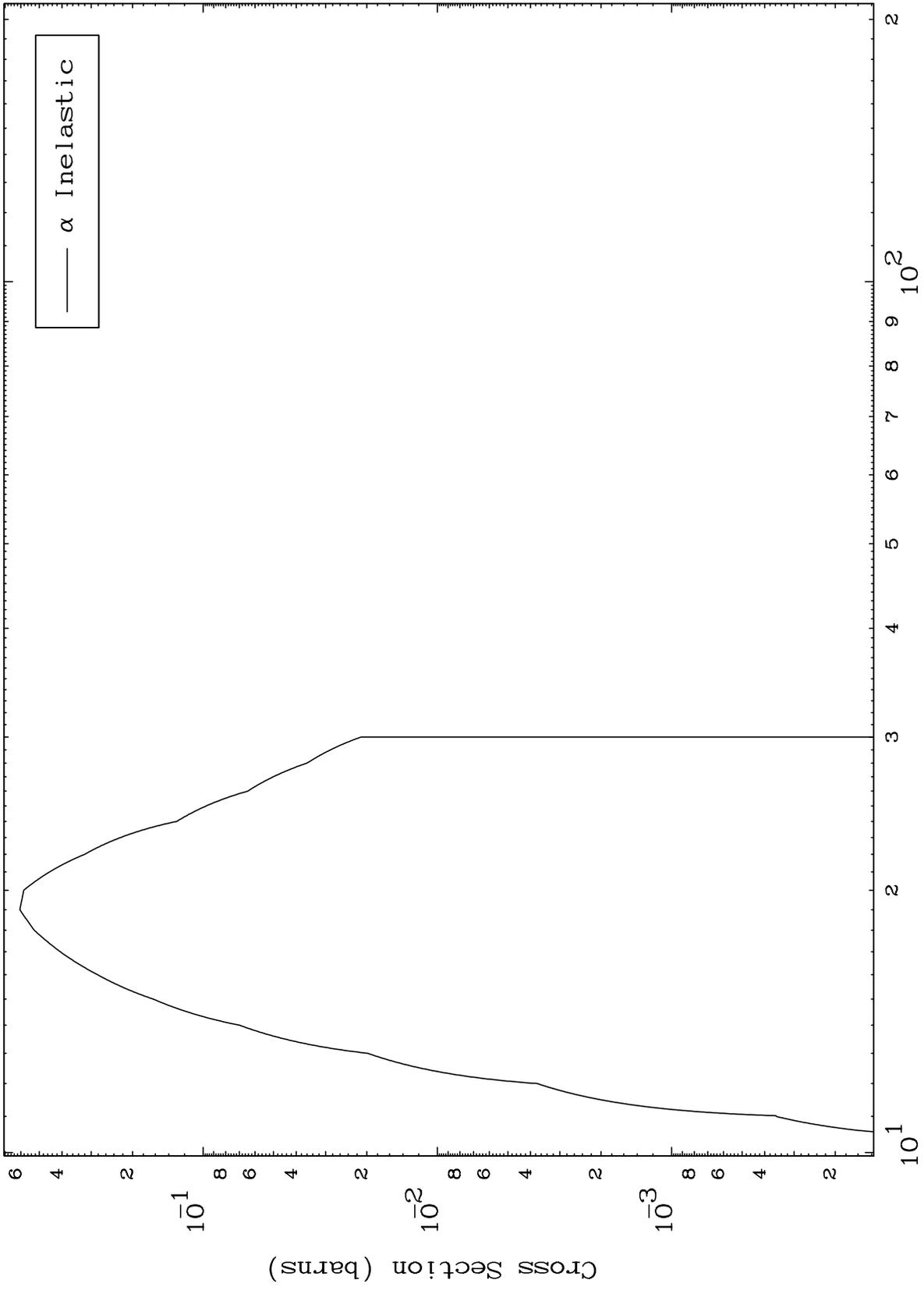




MAT 5037

(α, n') Level
0 Kelvin Cross Sections

50-Sn-116



50-Sn-116

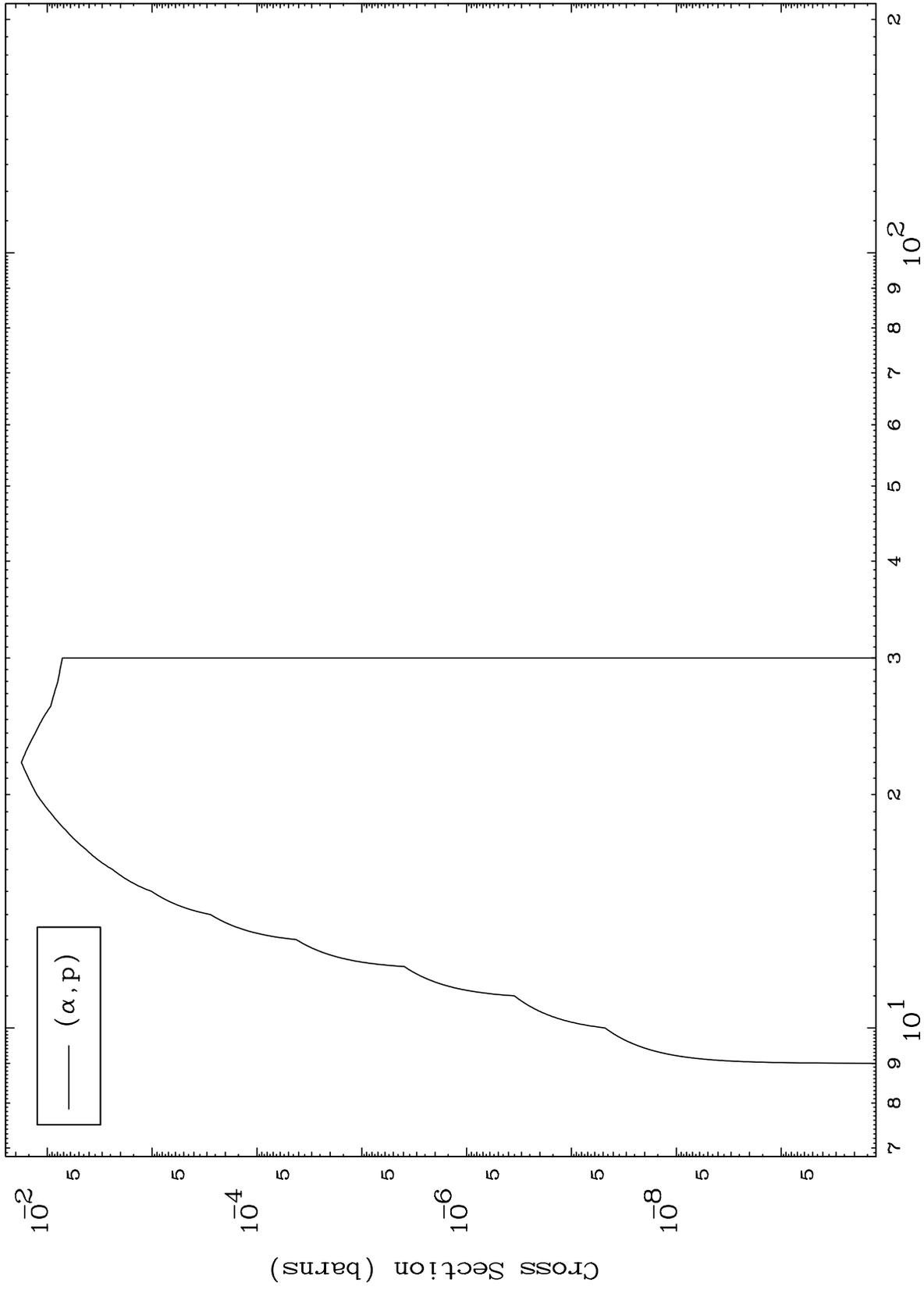
Incident Energy (MeV)

5

MAT 5037

(α, p) Levels
0 Kelvin Cross Sections

50-Sn-116



6

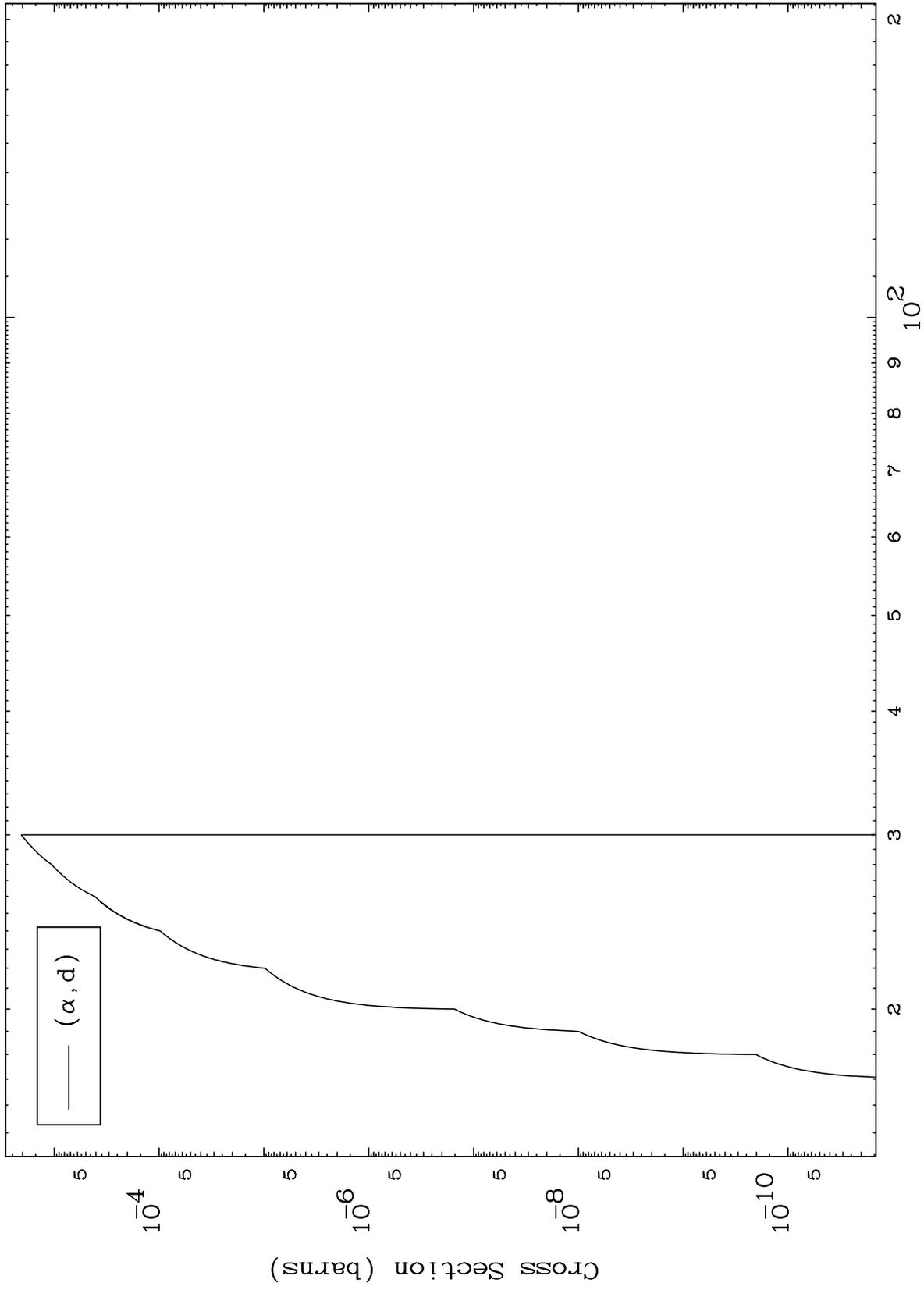
Incident Energy (MeV)

50-Sn-116

MAT 5037

(α, d) Levels
0 Kelvin Cross Sections

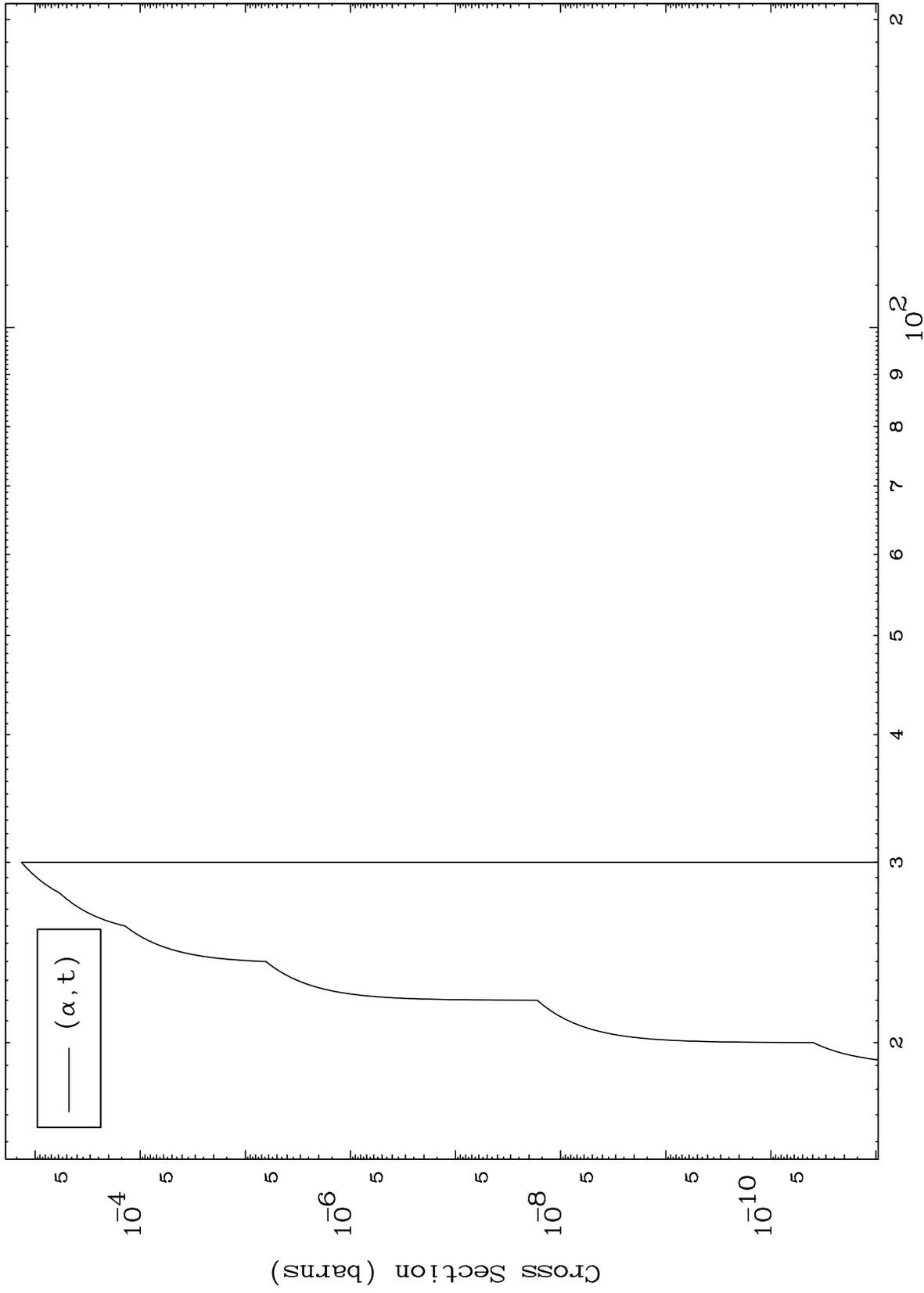
50-Sn-116



MAT 5037

(α, t) Levels
0 Kelvin Cross Sections

50-Sn-116



8

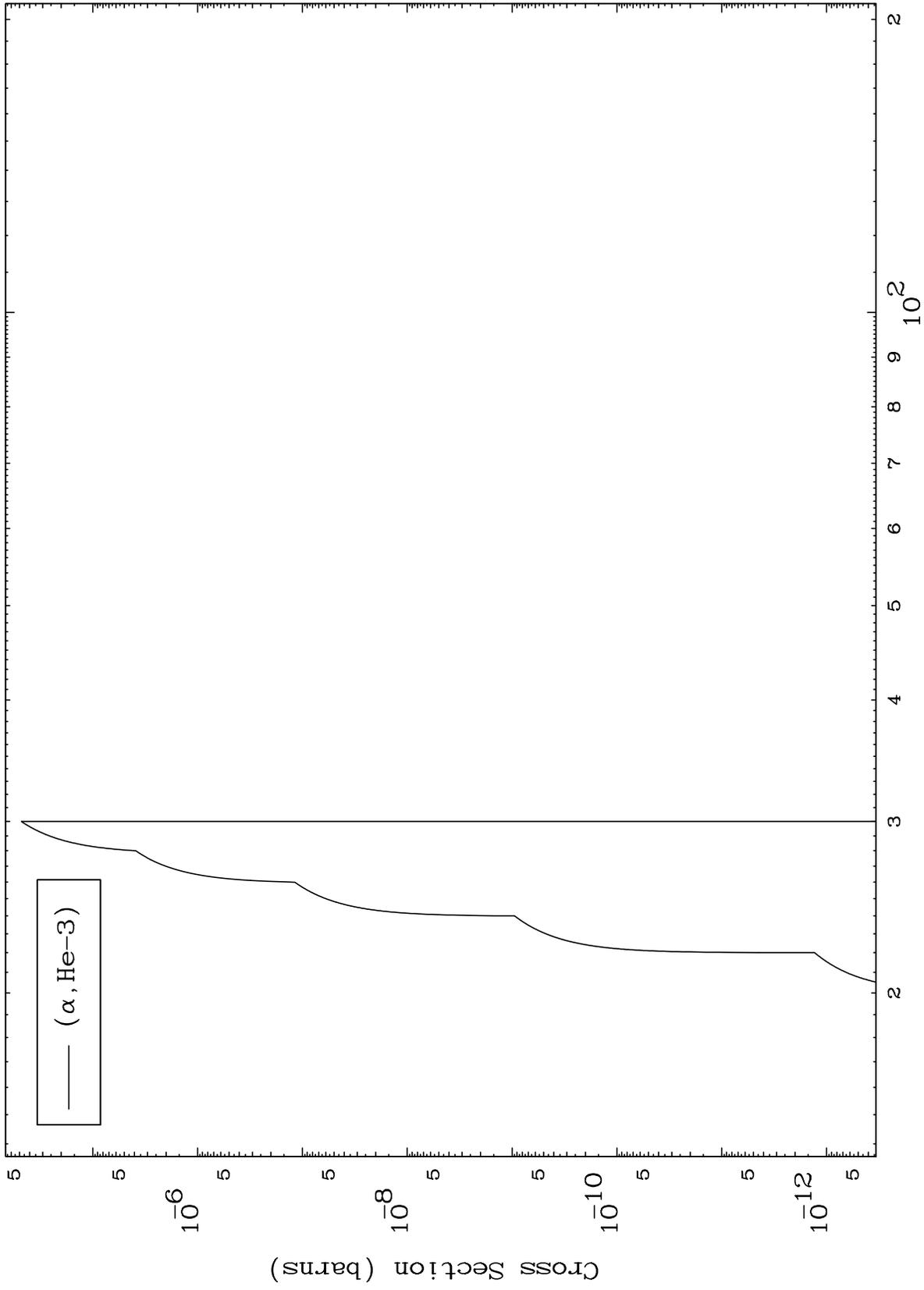
Incident Energy (MeV)

50-Sn-116

MAT 5037

(α ,He3) Levels
0 Kelvin Cross Sections

50-Sn-116



9

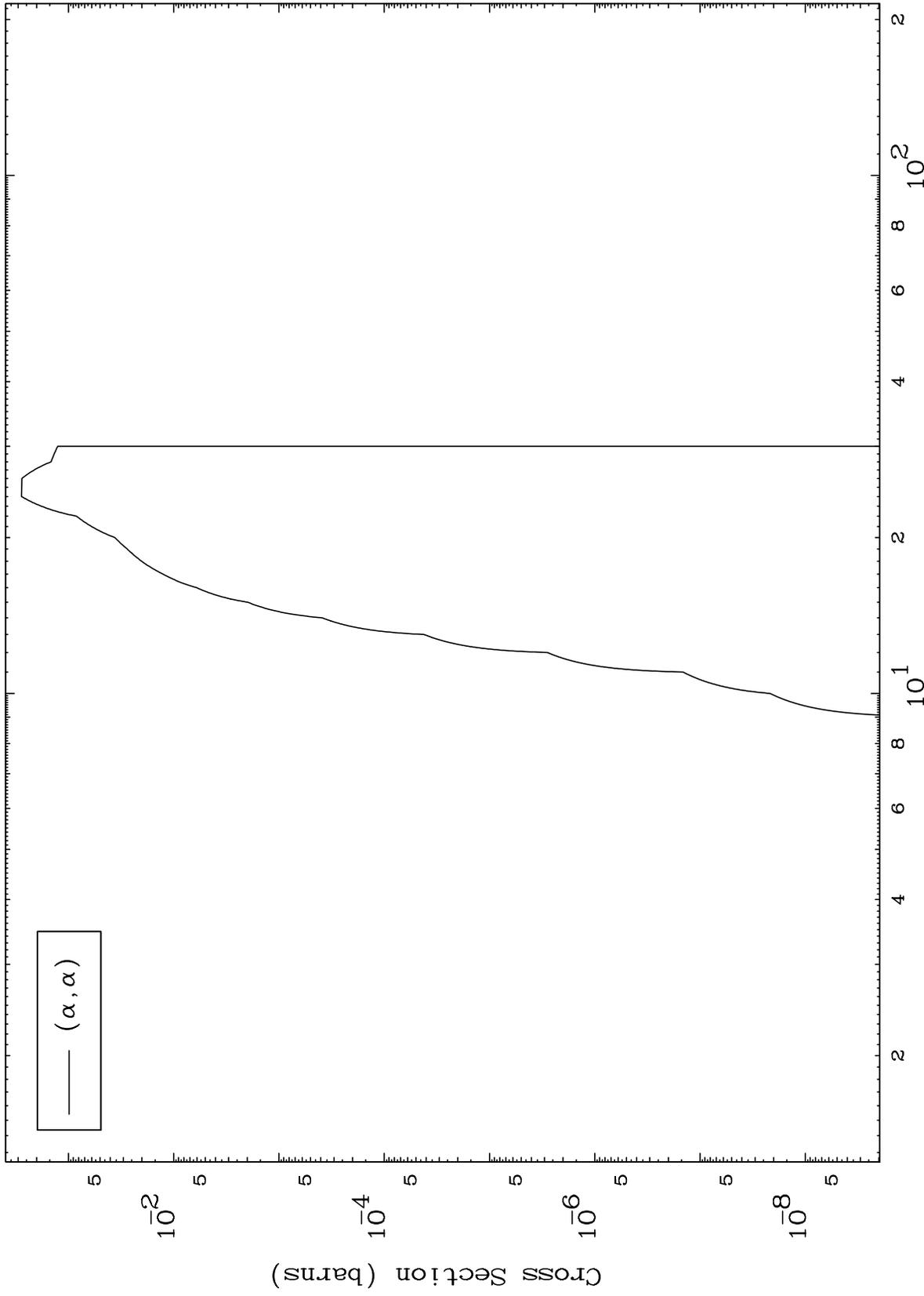
Incident Energy (MeV)

50-Sn-116

MAT 5037

(α, α) Levels
0 Kelvin Cross Sections

50-Sn-116



10

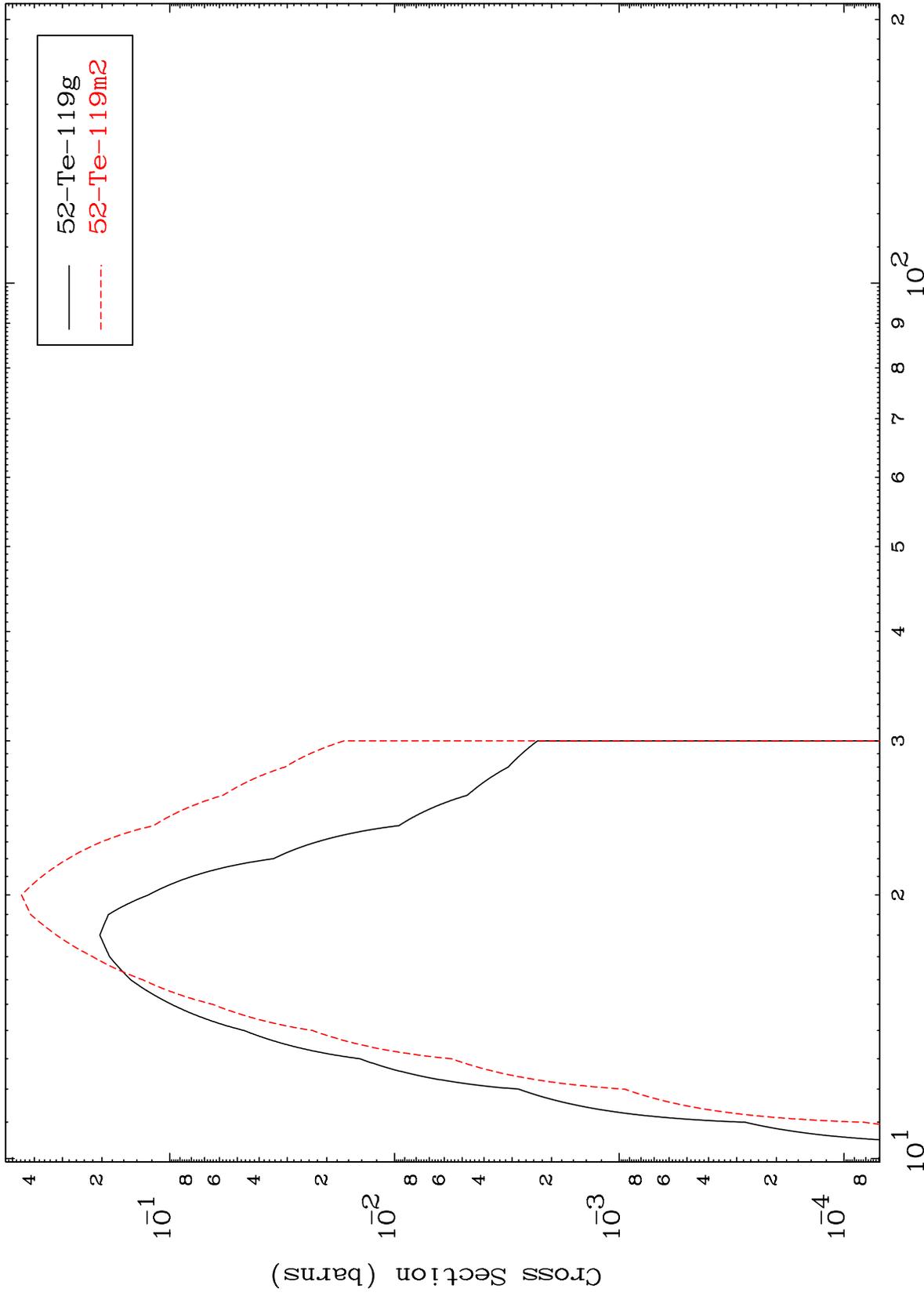
Incident Energy (MeV)

50-Sn-116

MAT 5037

α Inelastic
Radionuclide Production Cross Section

50-Sn-116



11

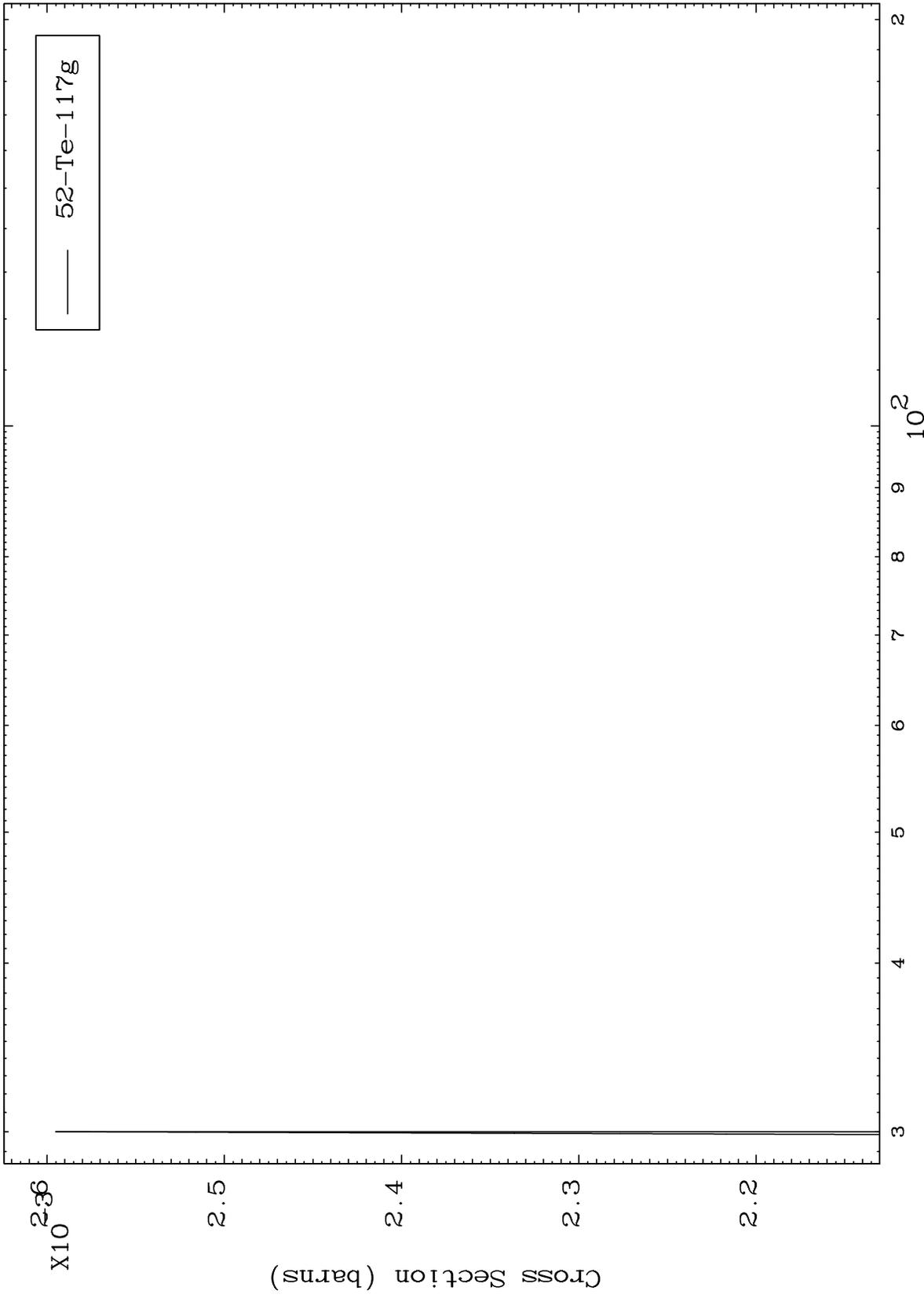
Incident Energy (MeV)

50-Sn-116

MAT 5037

50-Sn-116

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



12

Incident Energy (MeV)

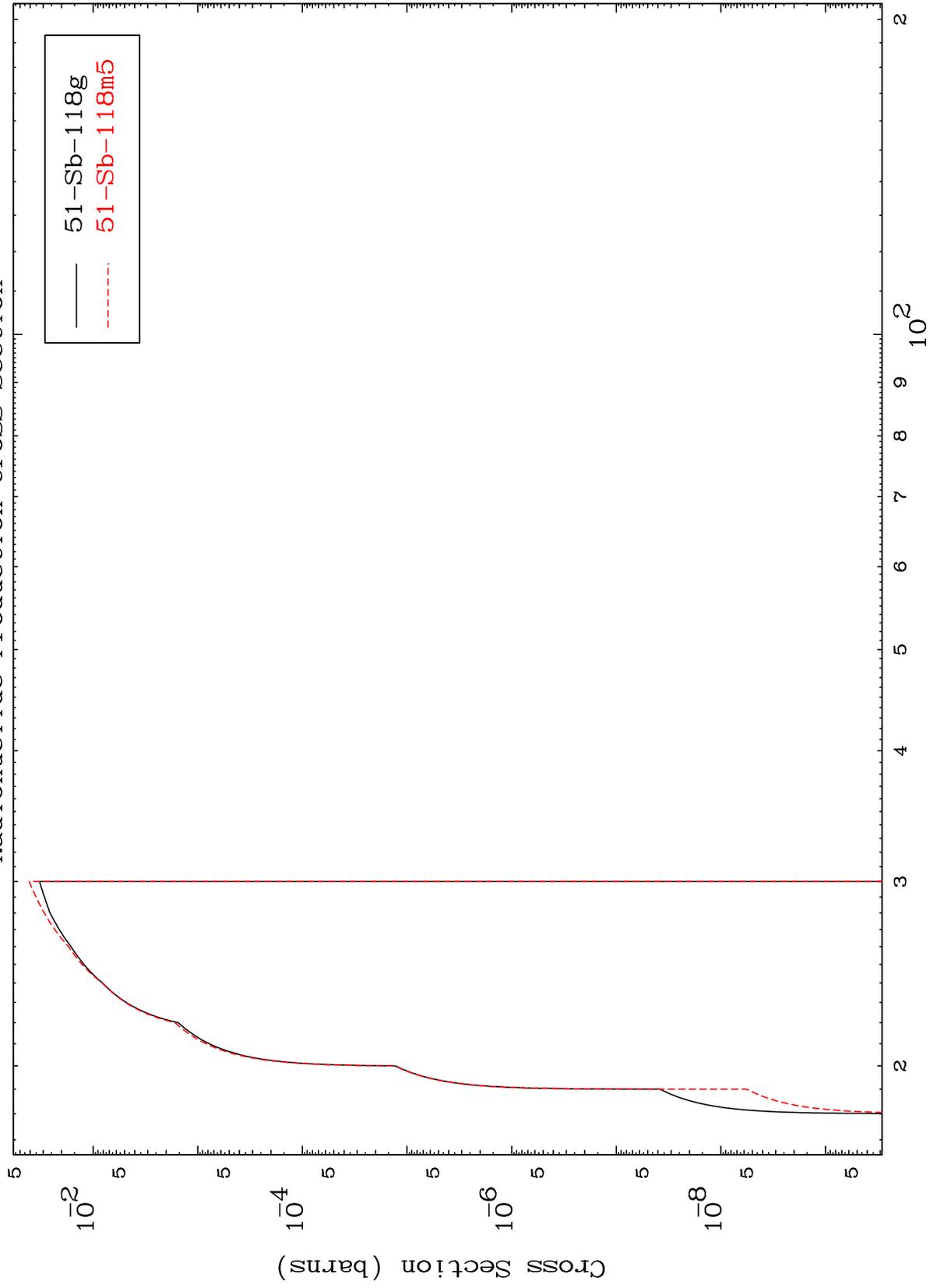
50-Sn-116

MAT 5037

(α, n') p

50-Sn-116

Radionuclide Production Cross Section



13

Incident Energy (MeV)

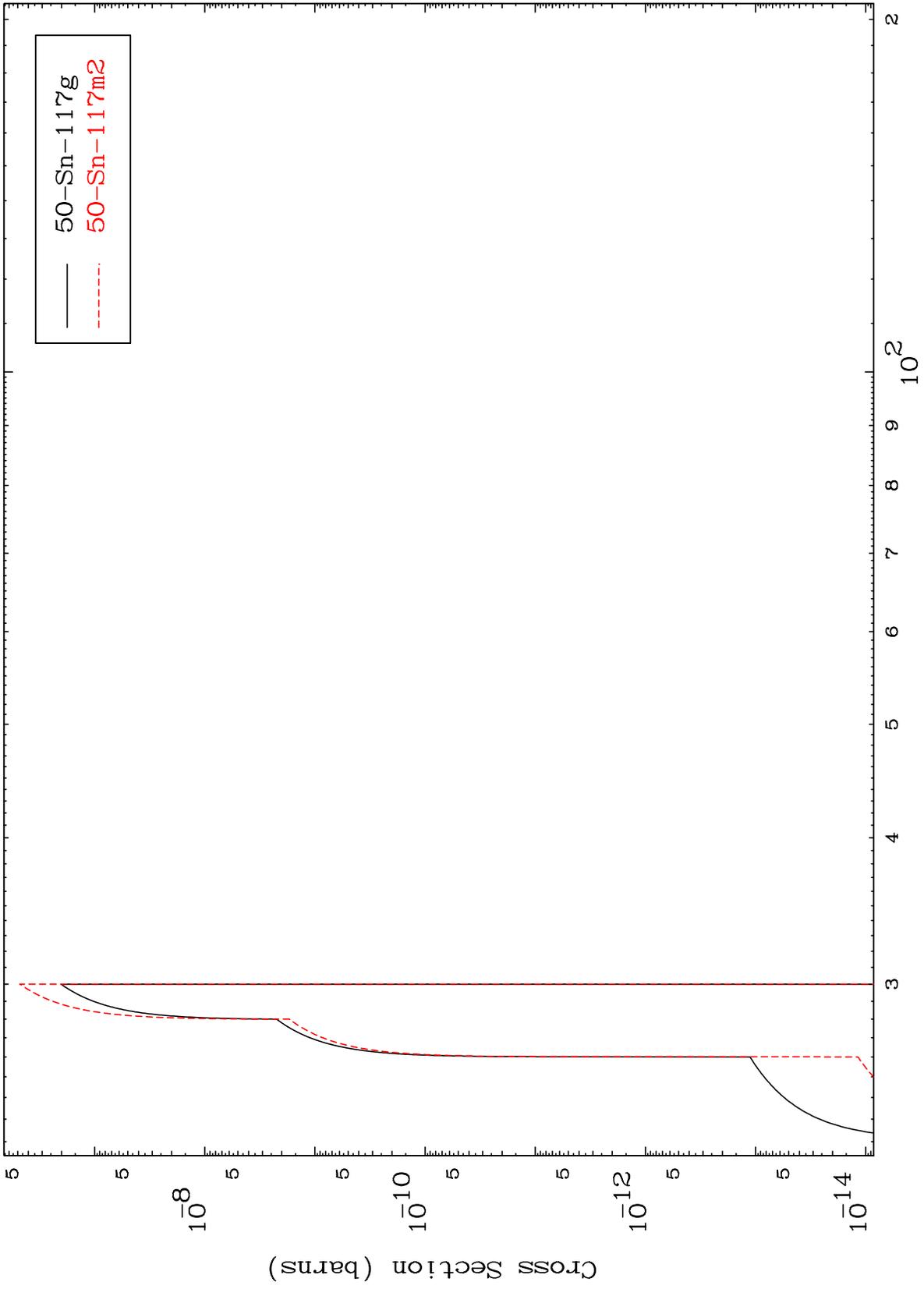
50-Sn-116

MAT 5037

($\alpha, 2n$) p

50-Sn-116

Radionuclide Production Cross Section



14

Incident Energy (MeV)

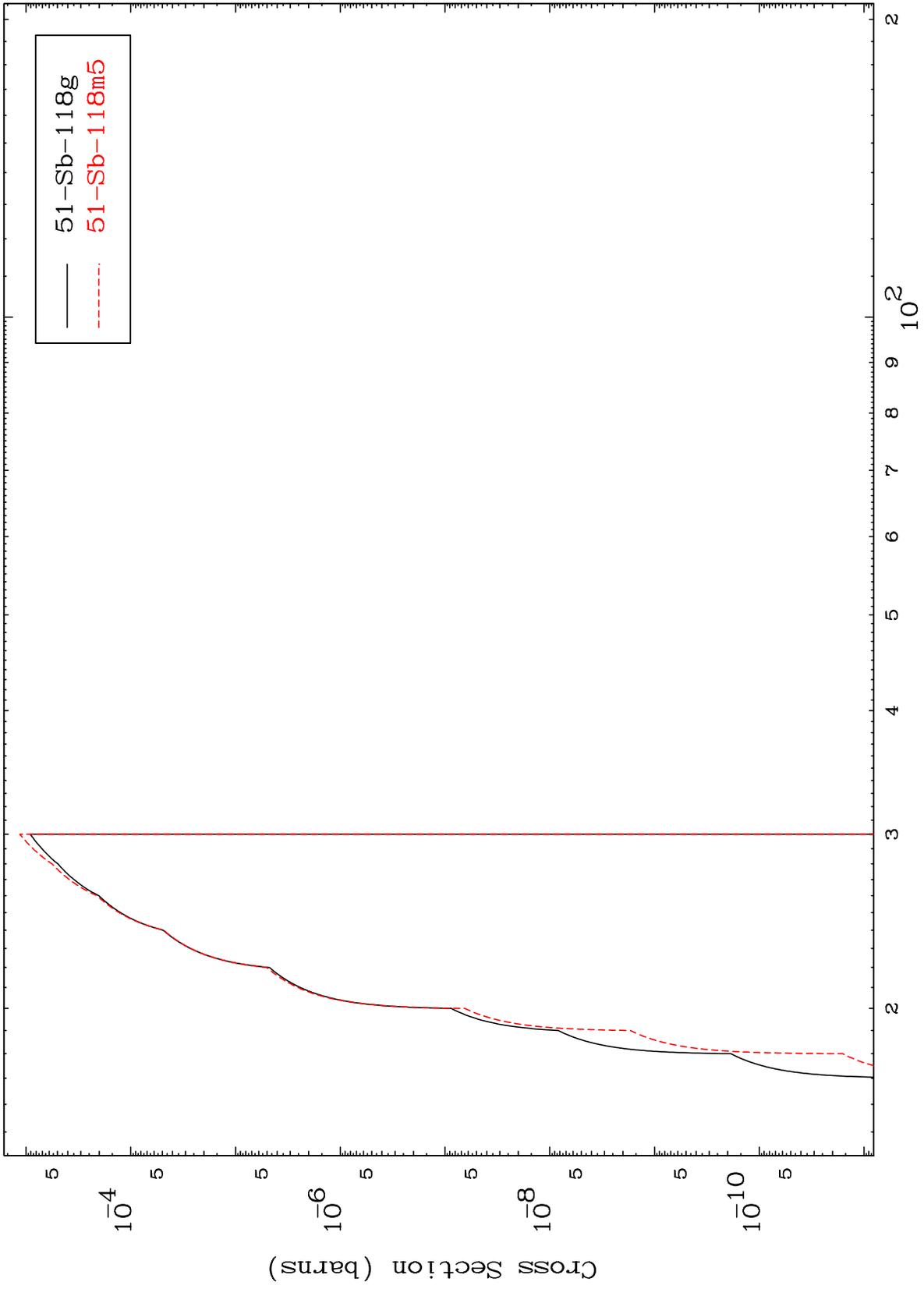
50-Sn-116

MAT 5037

(α, d)

50-Sn-116

Radionuclide Production Cross Section



15

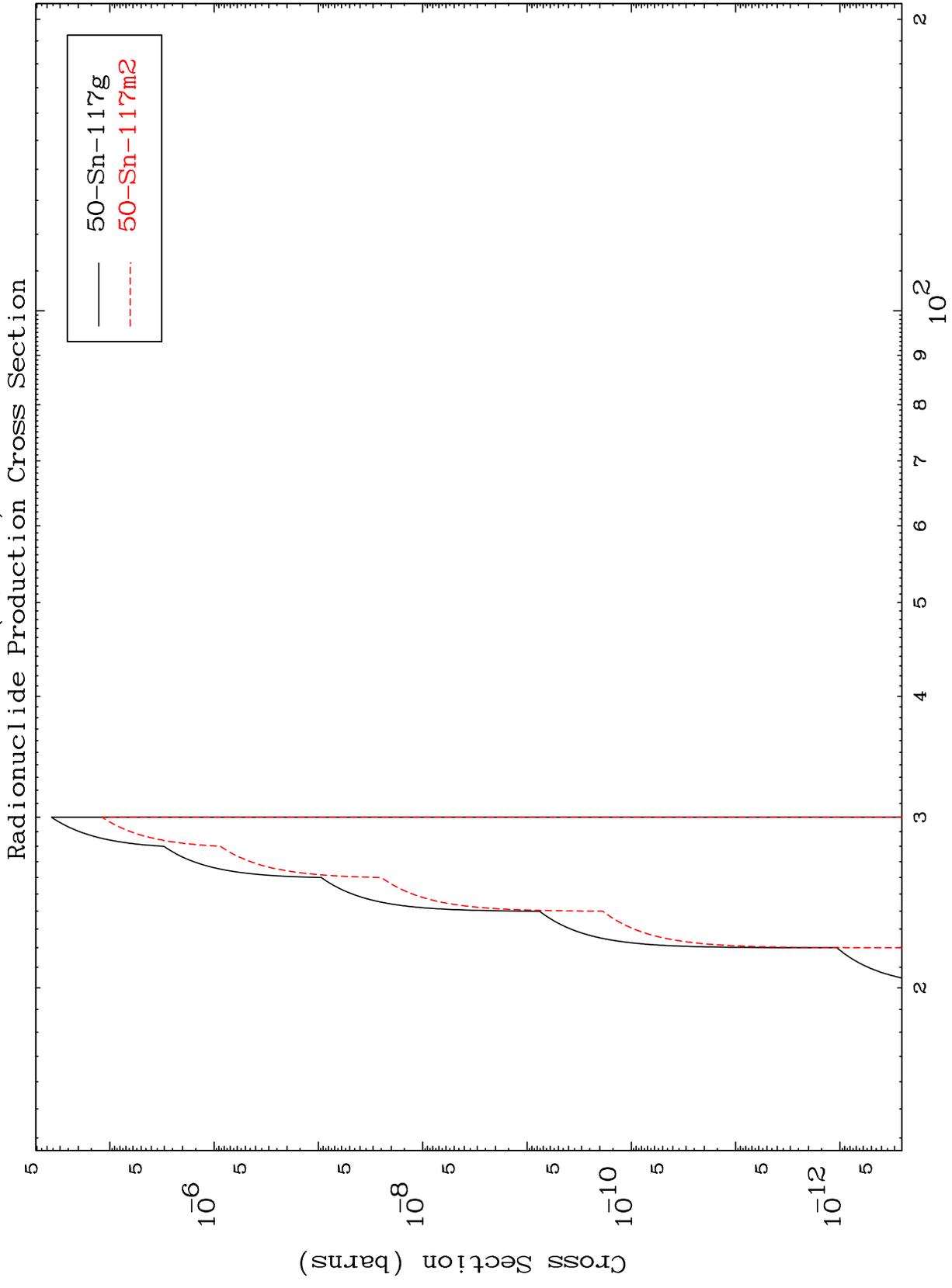
Incident Energy (MeV)

50-Sn-116

MAT 5037

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

50-Sn-116



16

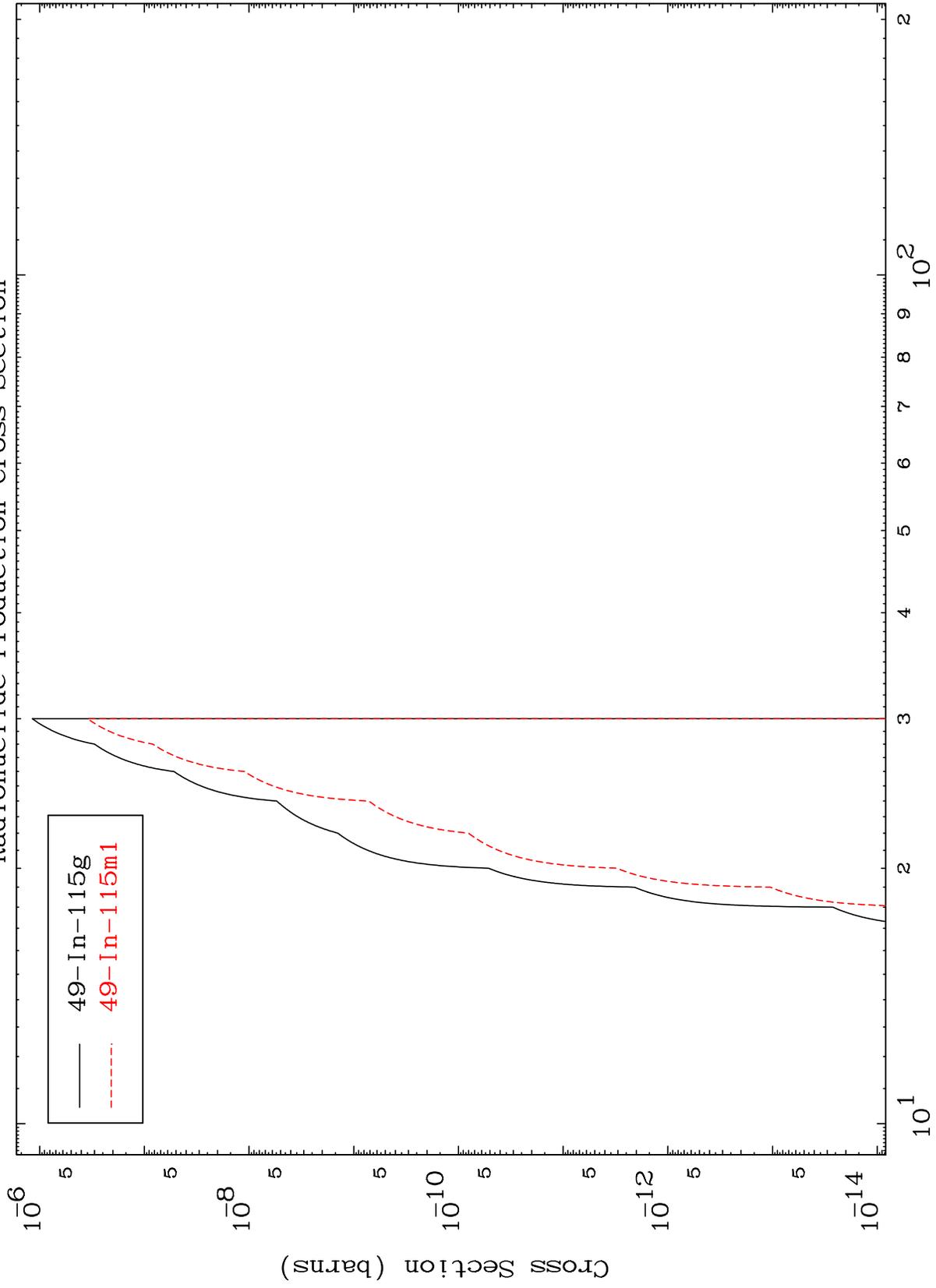
50-Sn-116

MAT 5037

(α, p) α

50-Sn-116

Radionuclide Production Cross Section



17

Incident Energy (MeV)

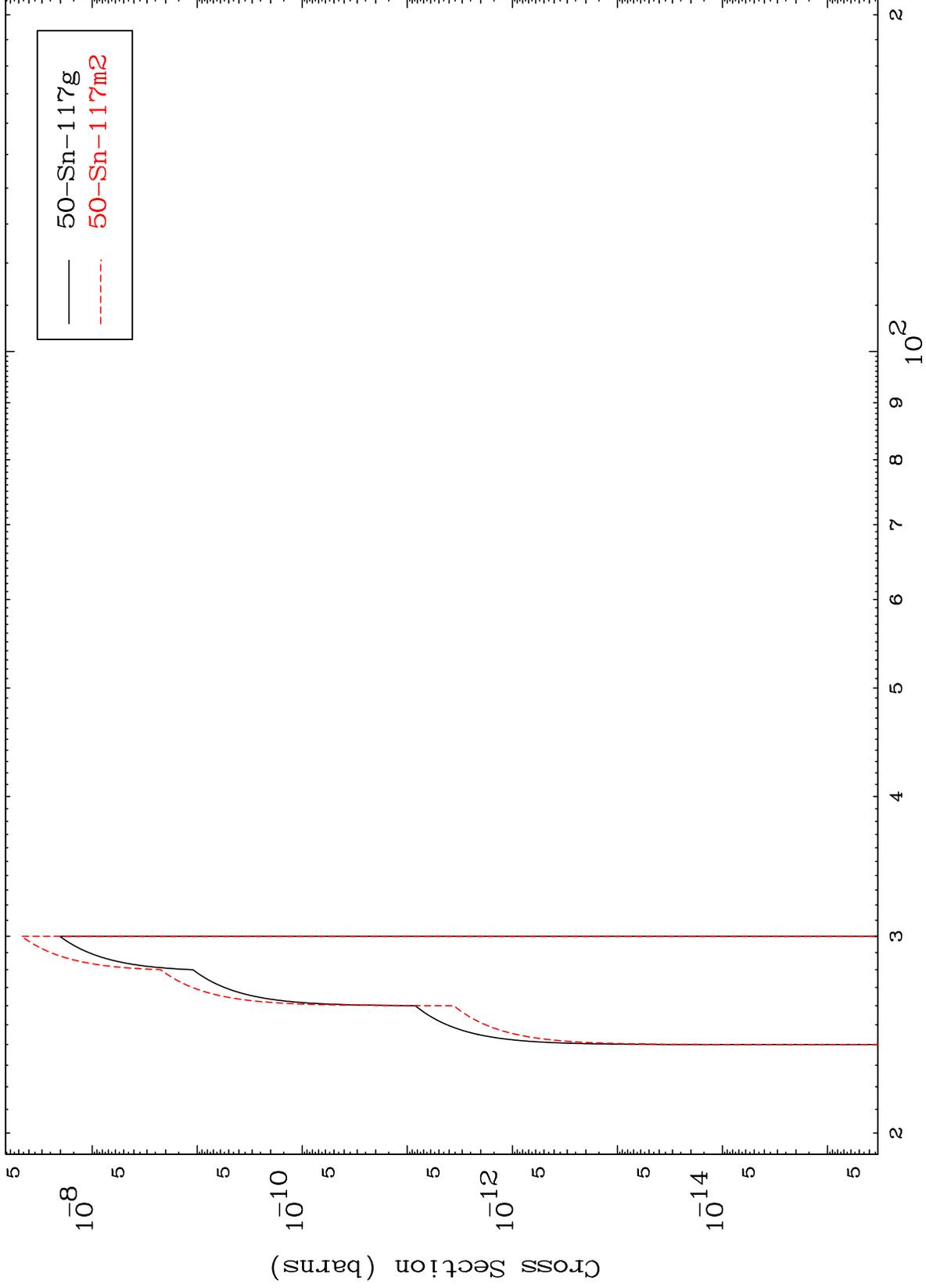
50-Sn-116

MAT 5037

(α, p) d

50-Sn-116

Radionuclide Production Cross Section



18

Incident Energy (MeV)

50-Sn-116