

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

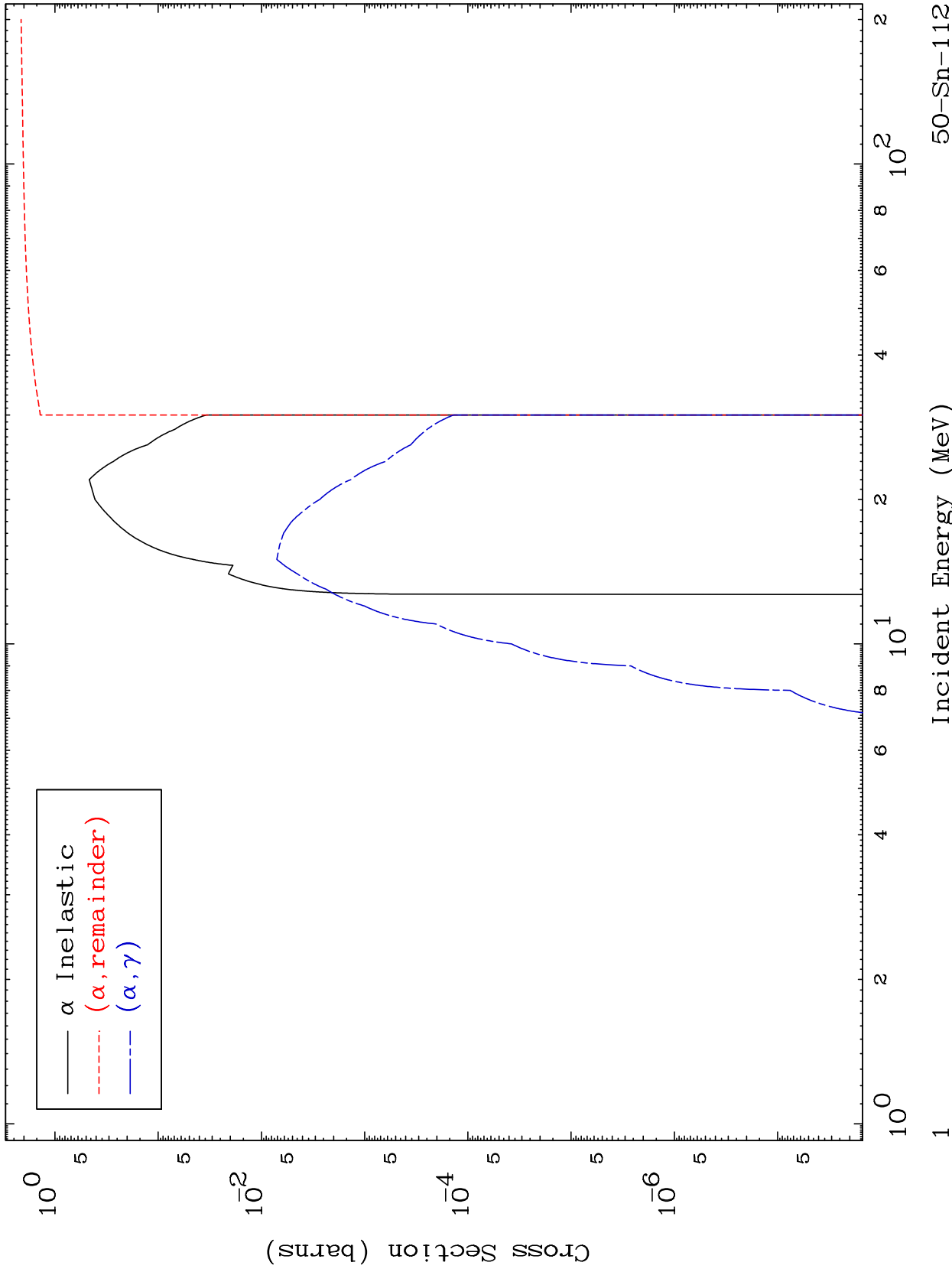
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5025

0 Kelvin α Major
Cross Sections

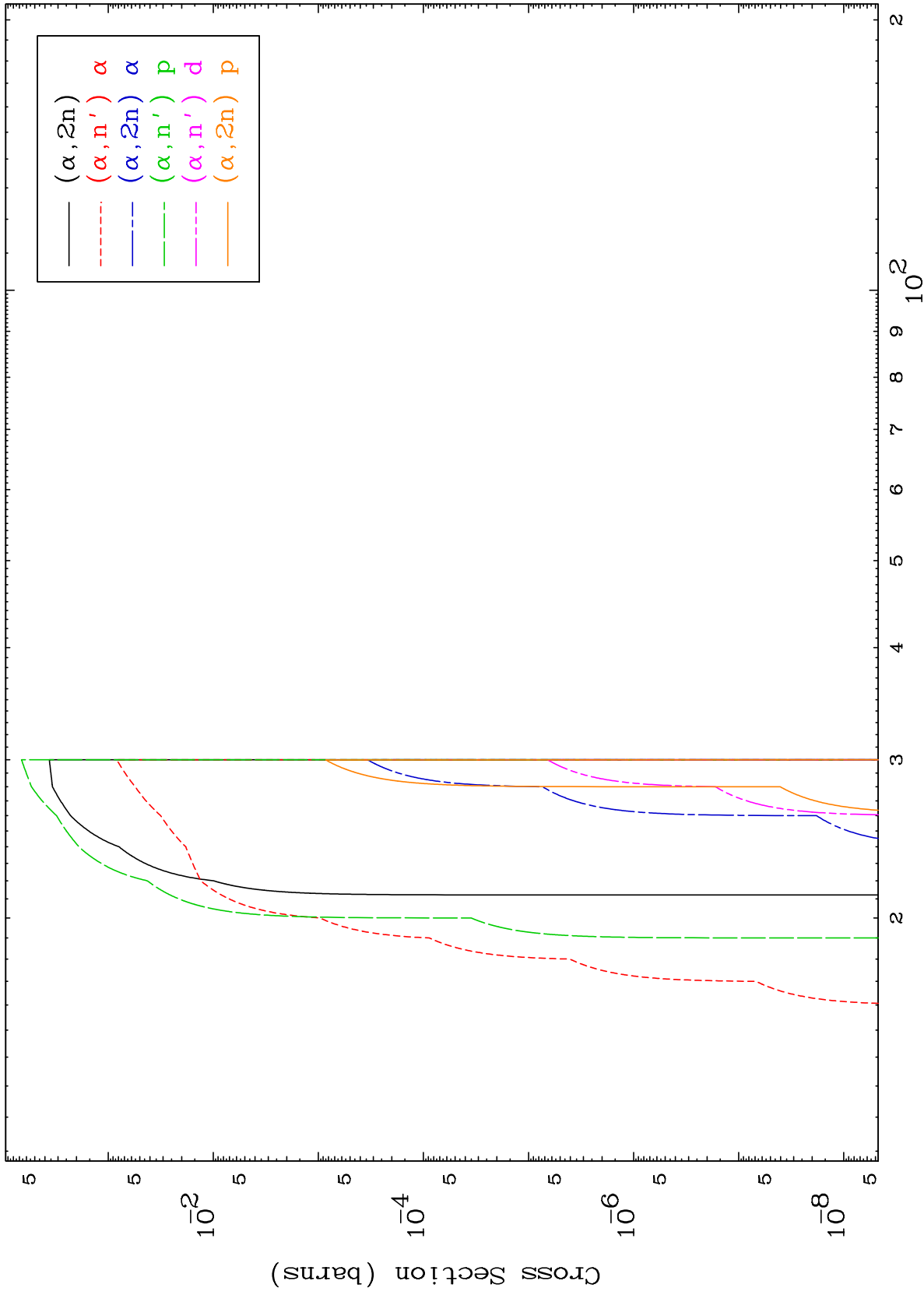
50-Sn-112



MAT 5025

α Neutron Production
0 Kelvin Cross Sections

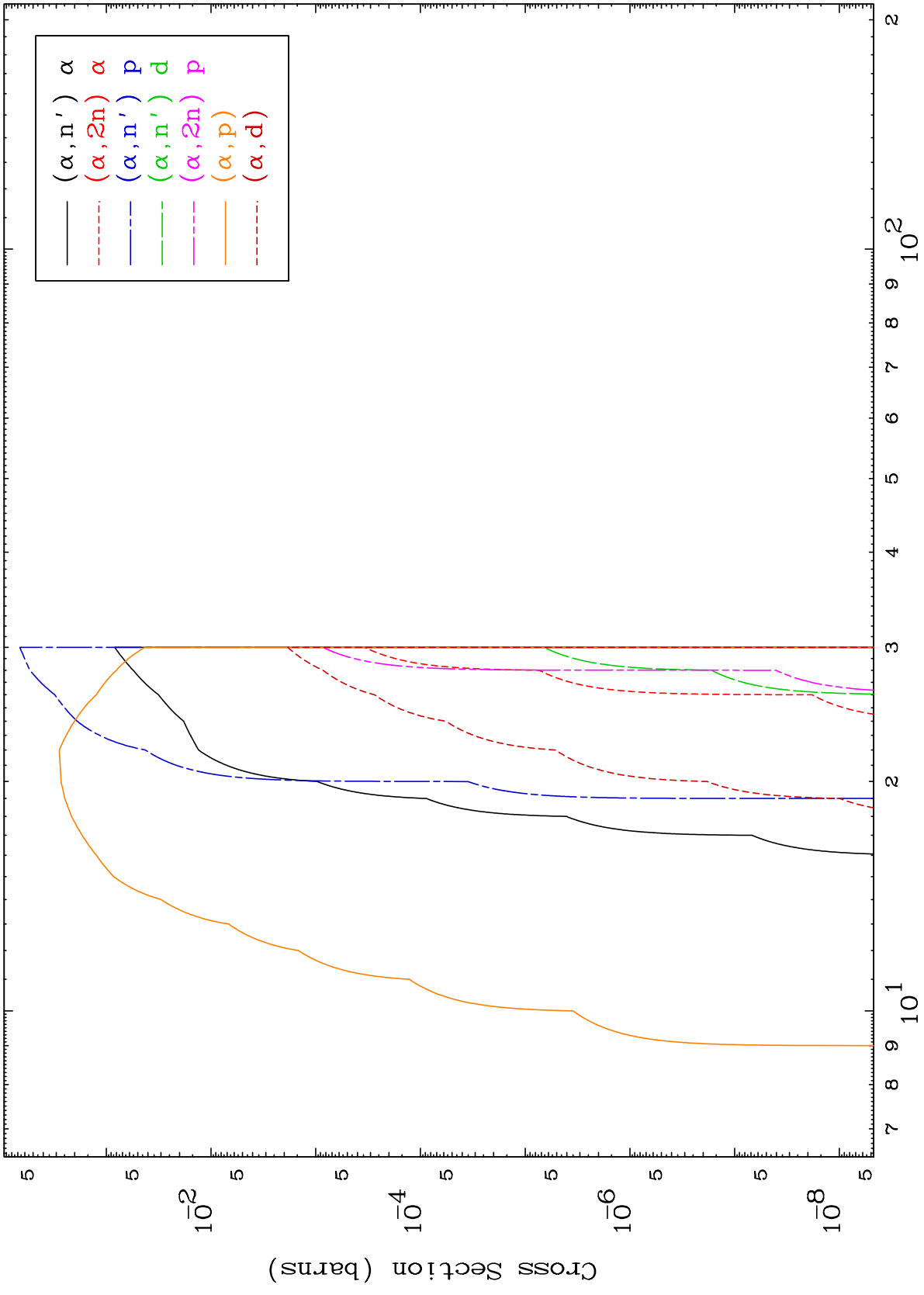
50-Sn-112

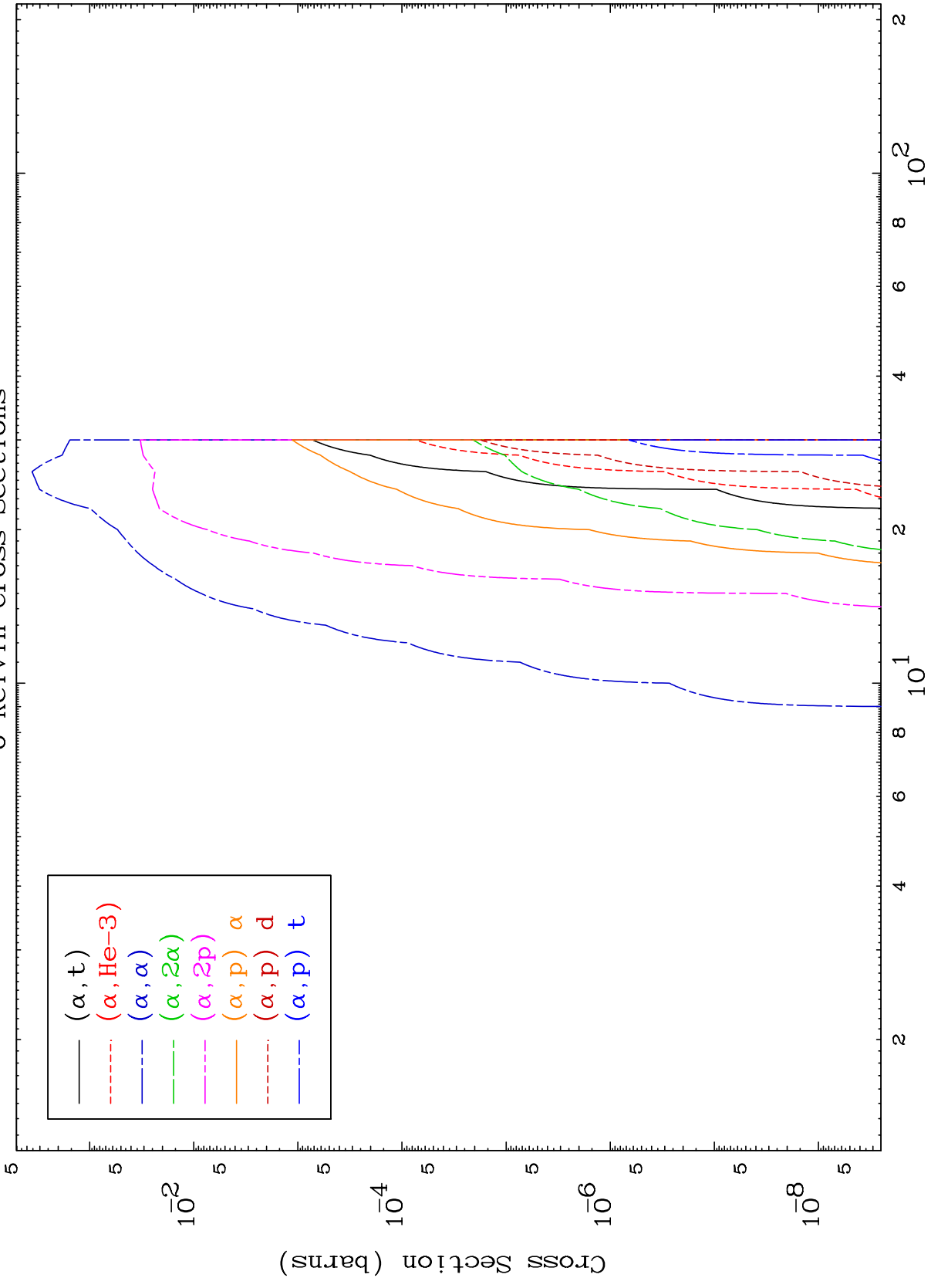


2

Incident Energy (MeV)

50-Sn-112

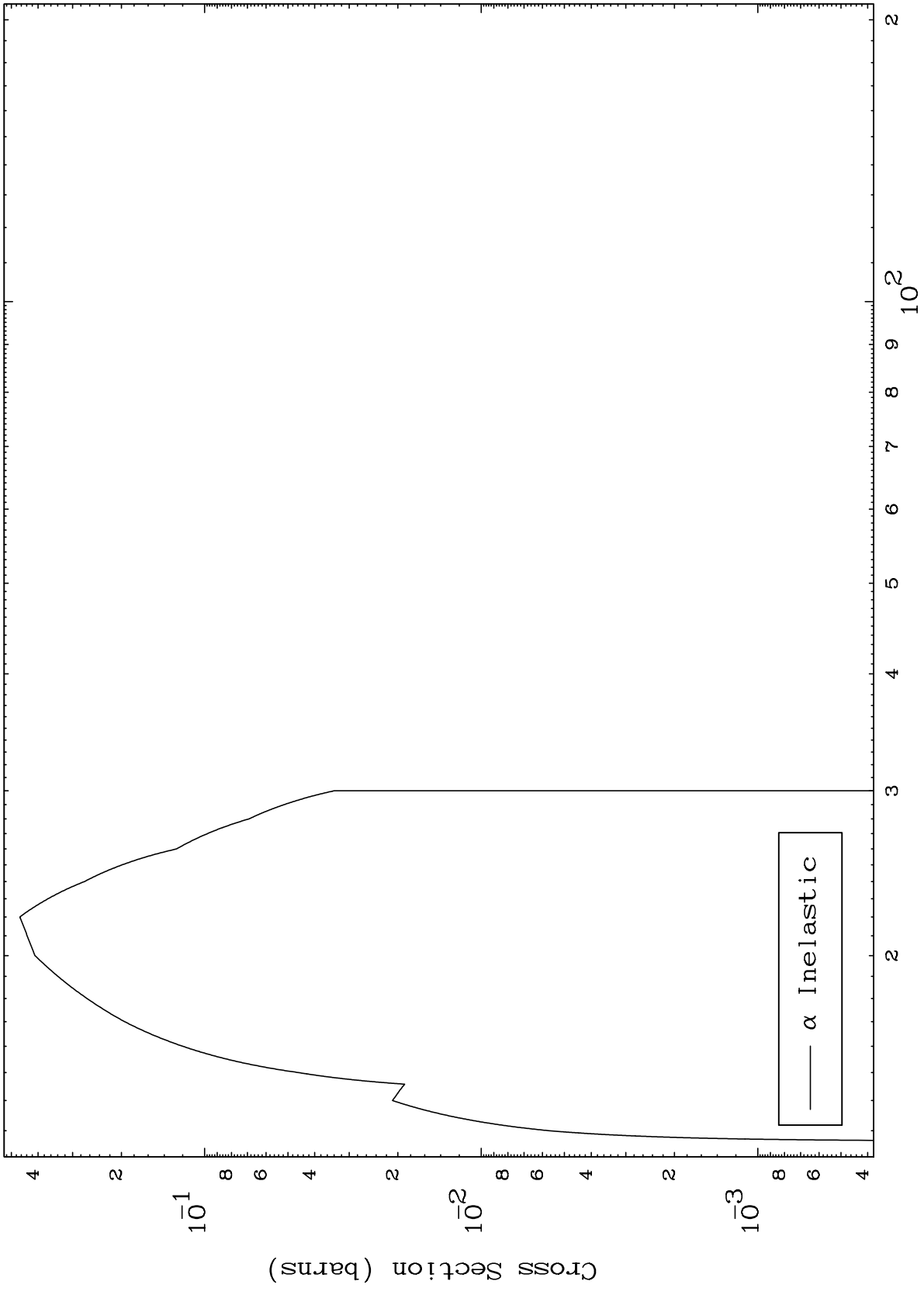




MAT 5025

(α, n') Level
0 Kelvin Cross Sections

50-Sn-112



5

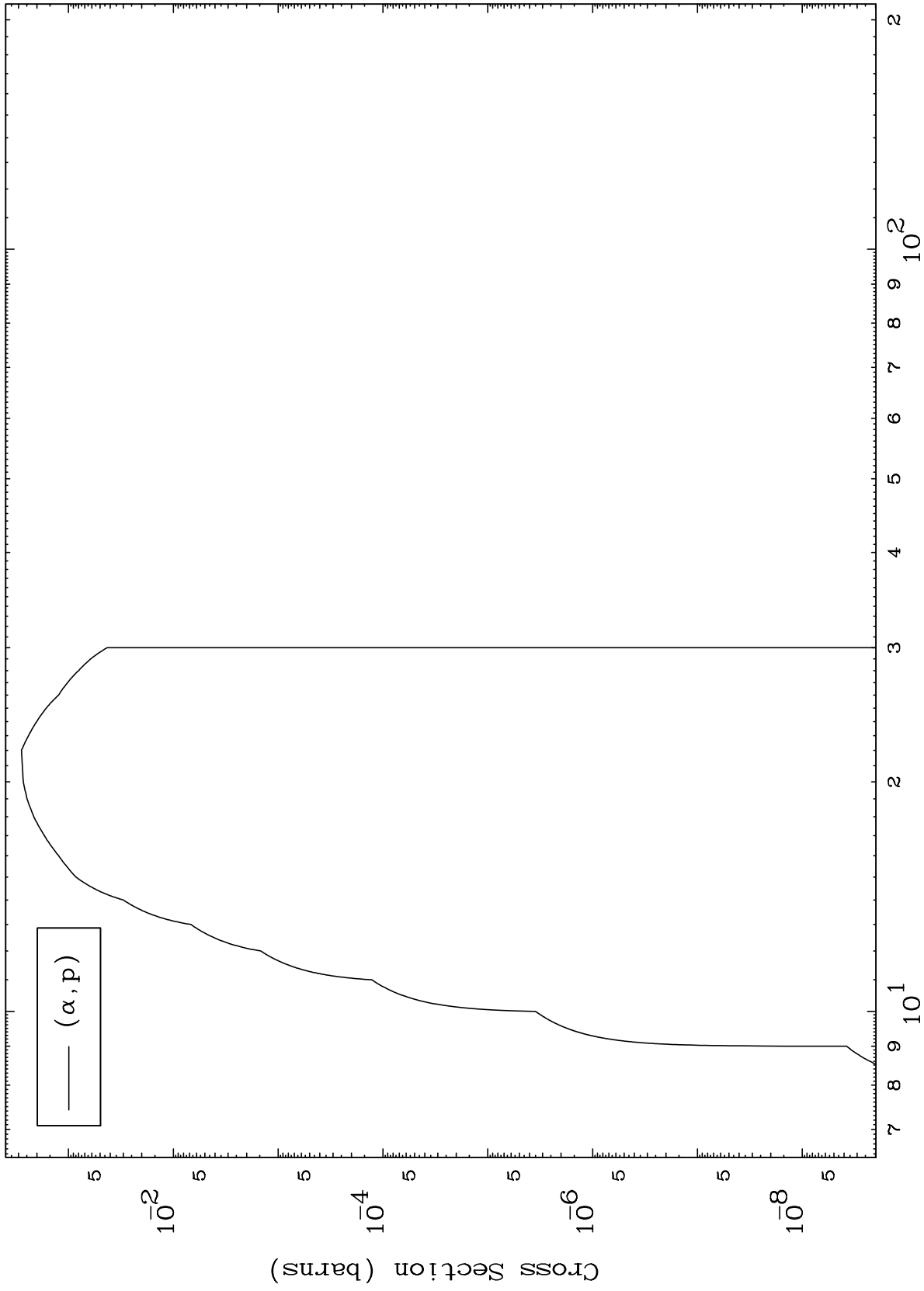
Incident Energy (MeV)

50-Sn-112

MAT 5025

(α, p) Levels
0 Kelvin Cross Sections

50-Sn-112



6

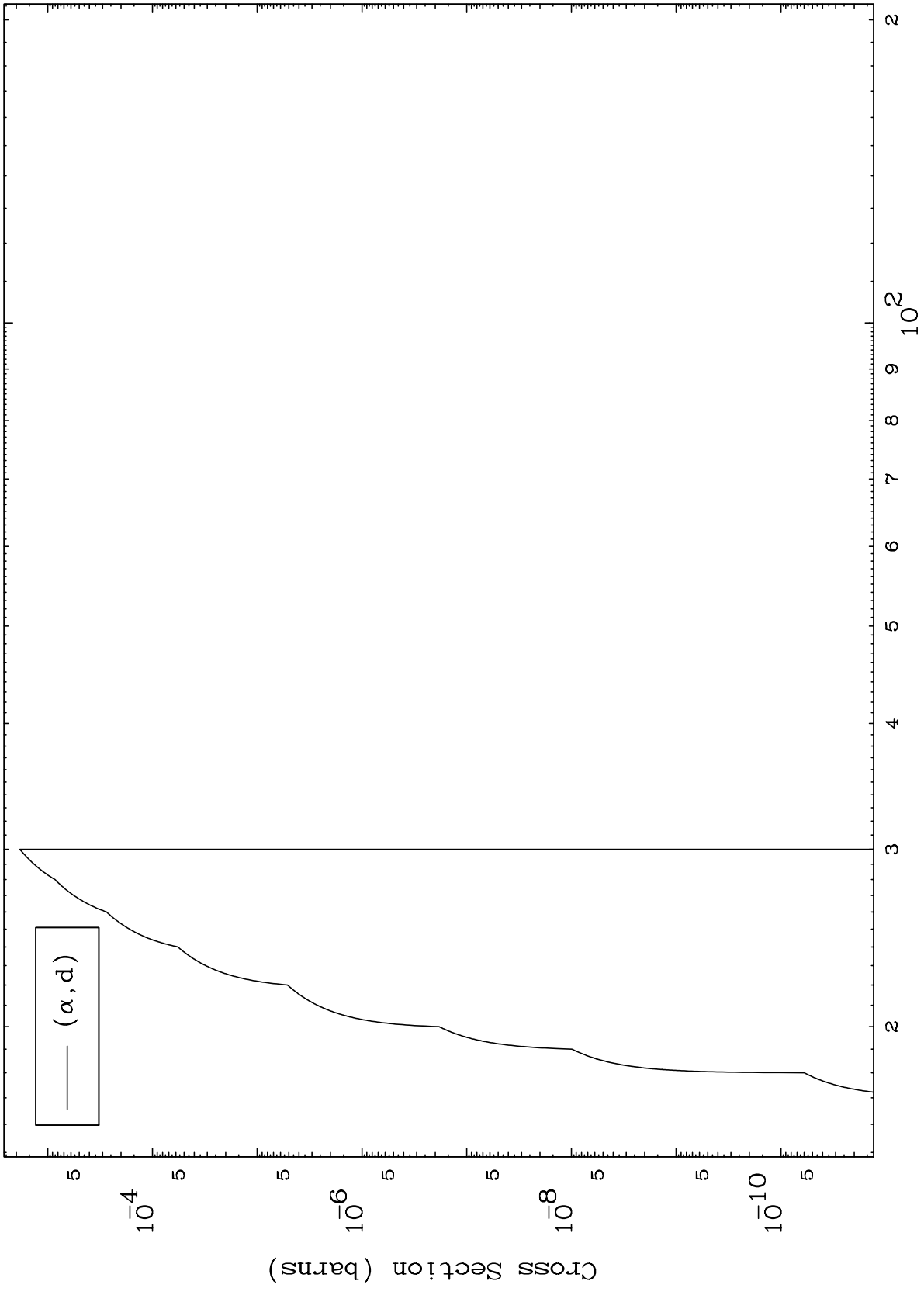
Incident Energy (MeV)

50-Sn-112

MAT 5025

(α, d) Levels
0 Kelvin Cross Sections

50-Sn-112



7

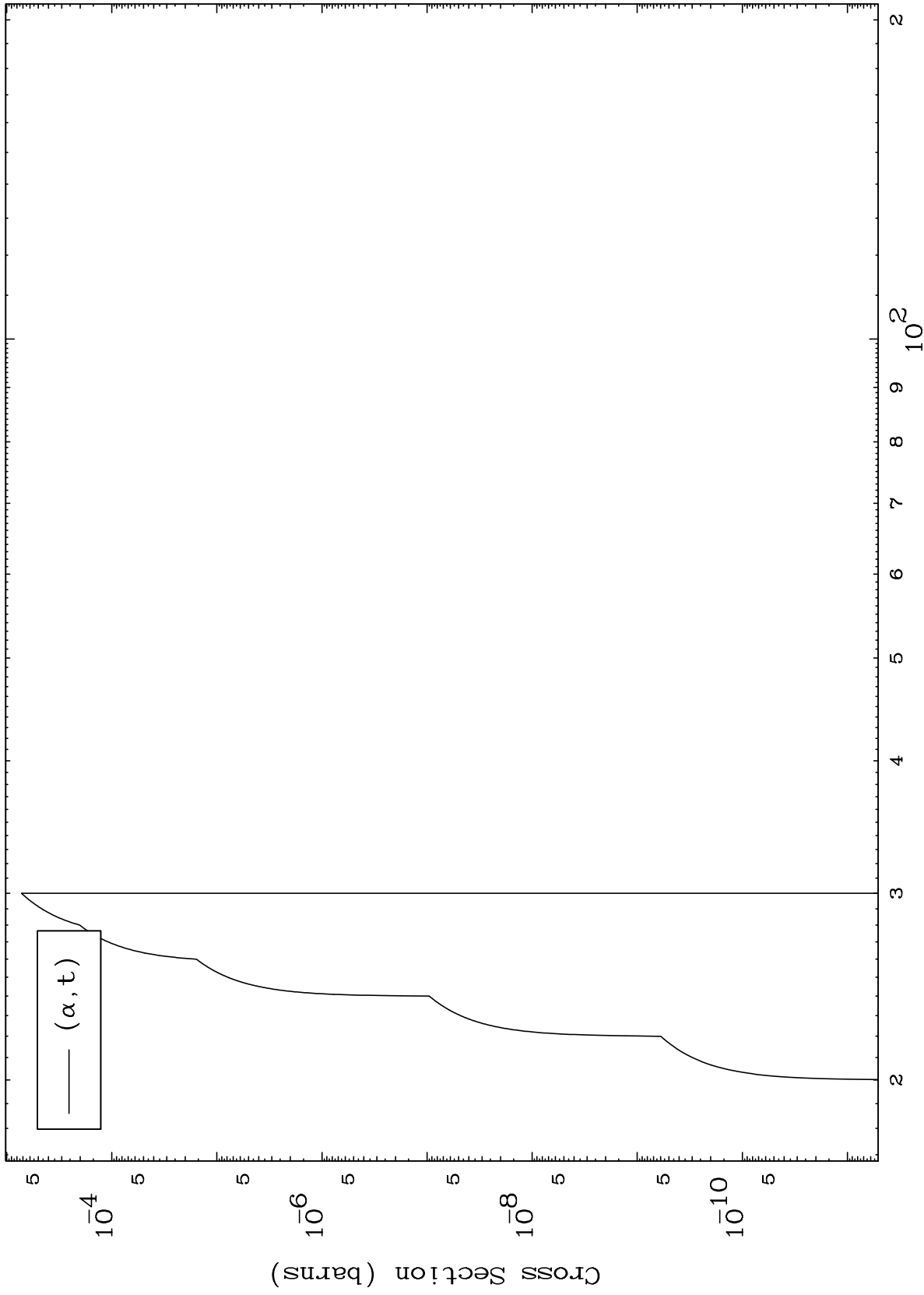
Incident Energy (MeV)

50-Sn-112

MAT 5025

(α, t) Levels
0 Kelvin Cross Sections

50-Sn-112



8

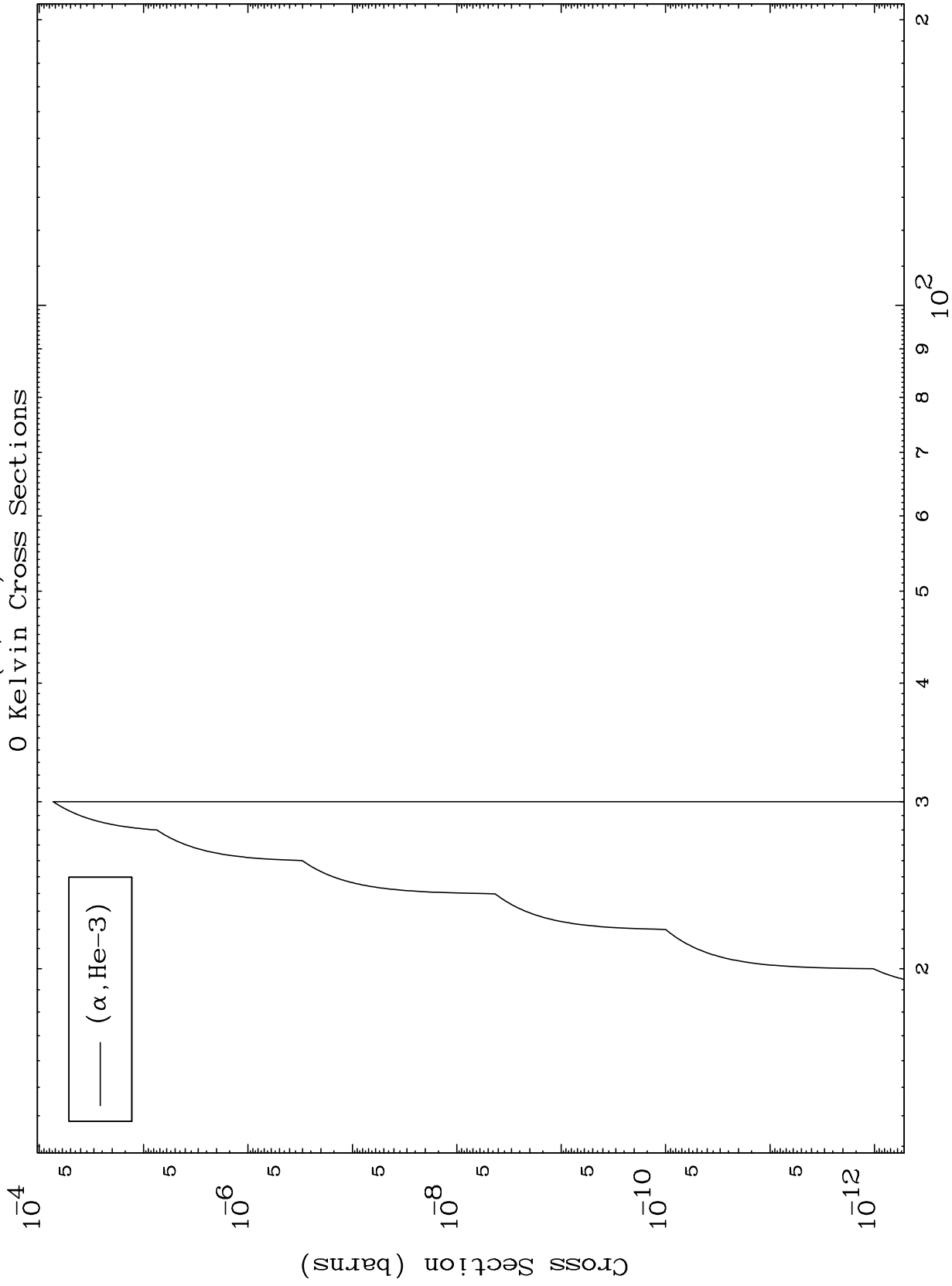
Incident Energy (MeV)

50-Sn-112

MAT 5025

(α ,He3) Levels
0 Kelvin Cross Sections

50-Sn-112



9

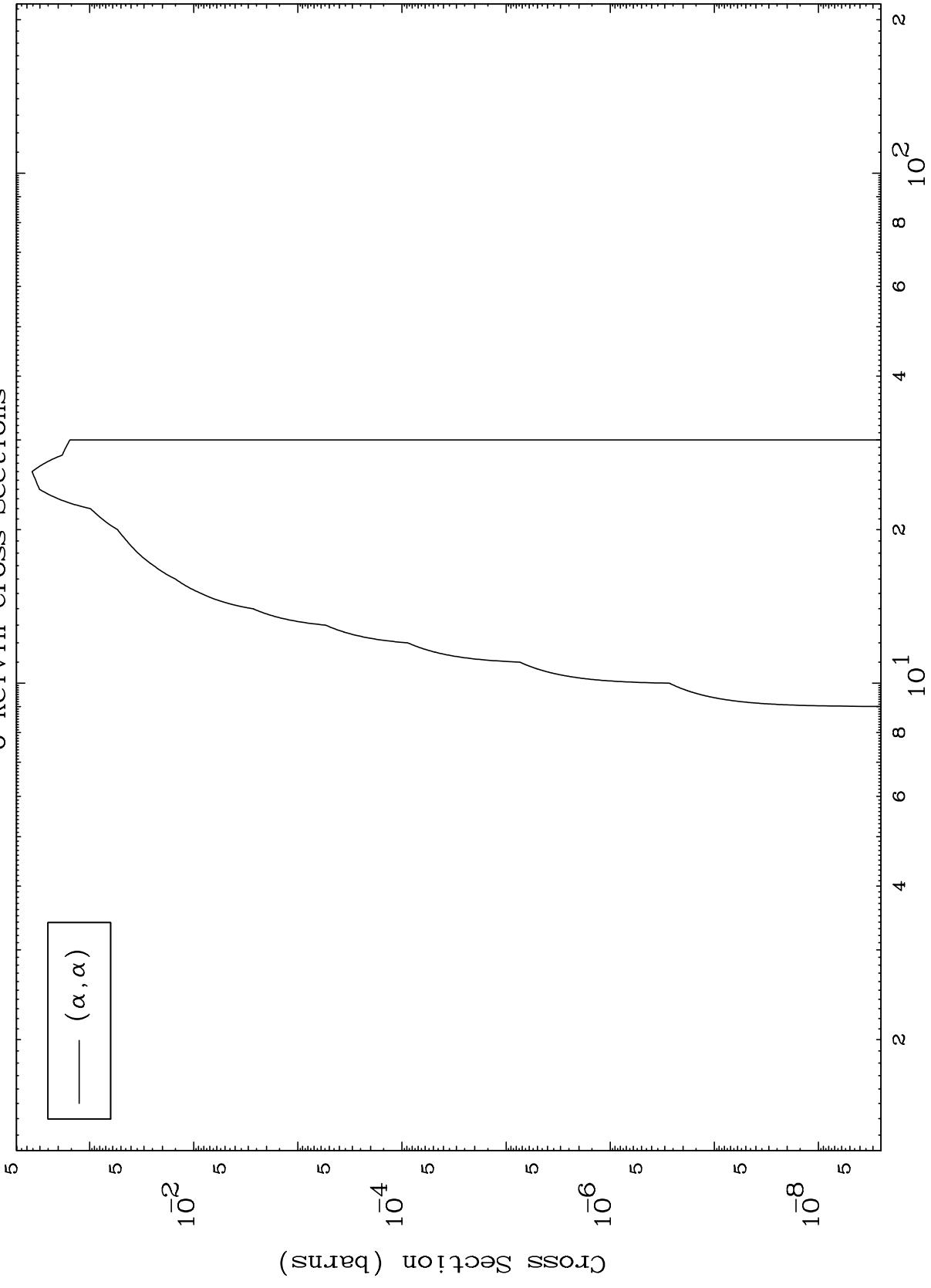
Incident Energy (MeV)

50-Sn-112

MAT 5025

(α, α) Levels
0 Kelvin Cross Sections

50-Sn-112

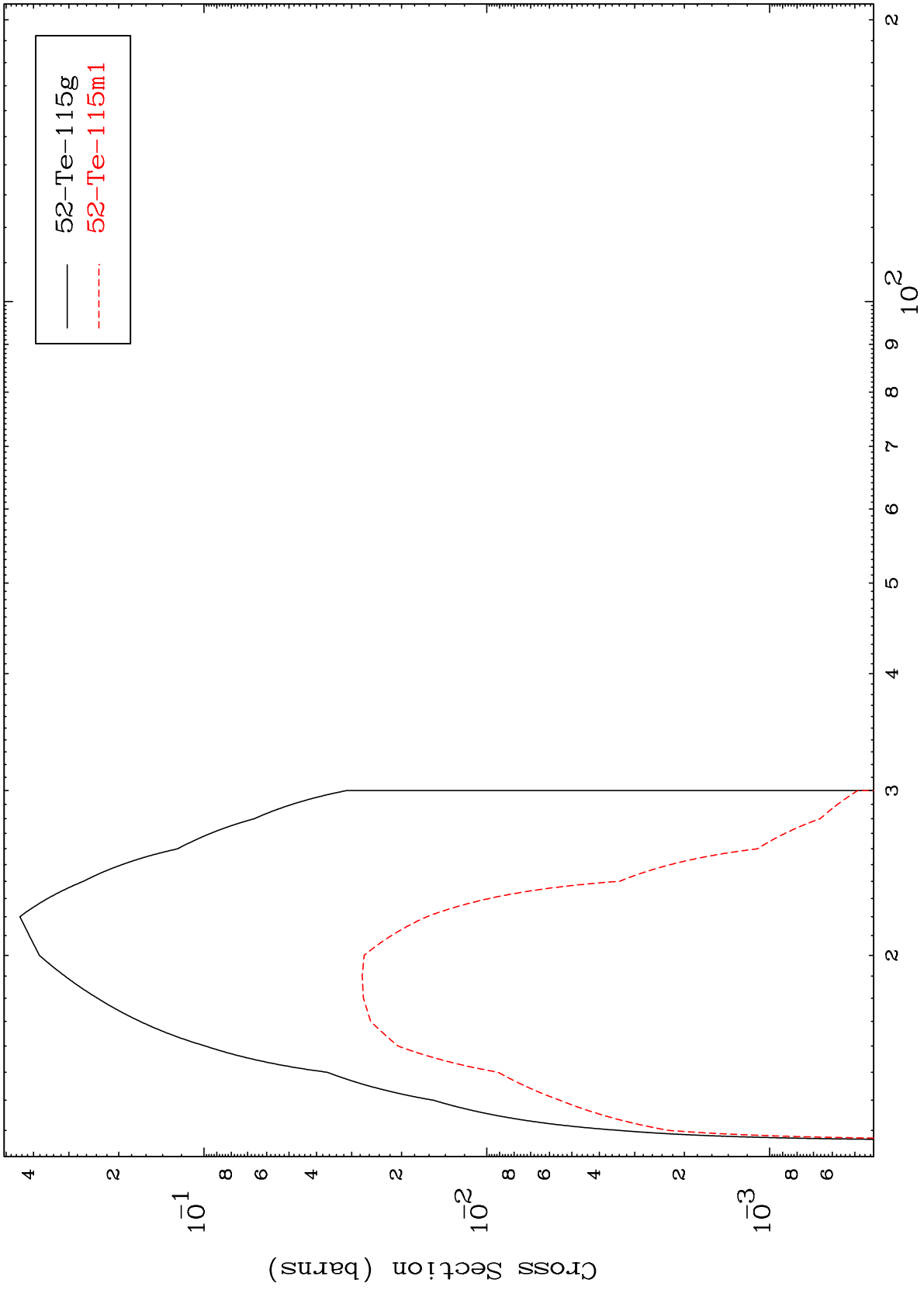


10

Incident Energy (MeV)

50-Sn-112

α Inelastic
Radionuclide Production Cross Section

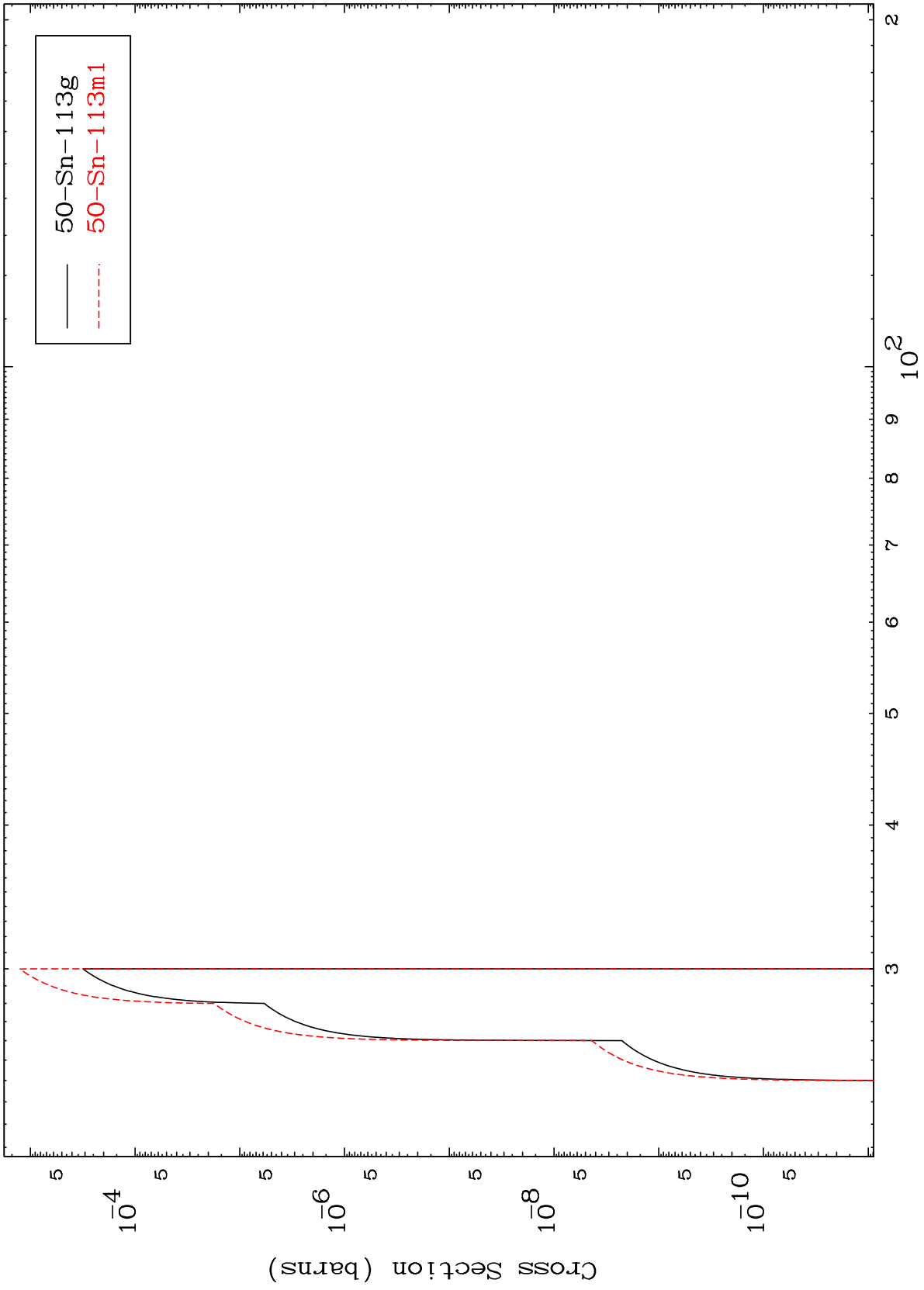


MAT 5025

($\alpha, 2n$) p

50-Sn-112

Radionuclide Production Cross Section



12

Incident Energy (MeV)

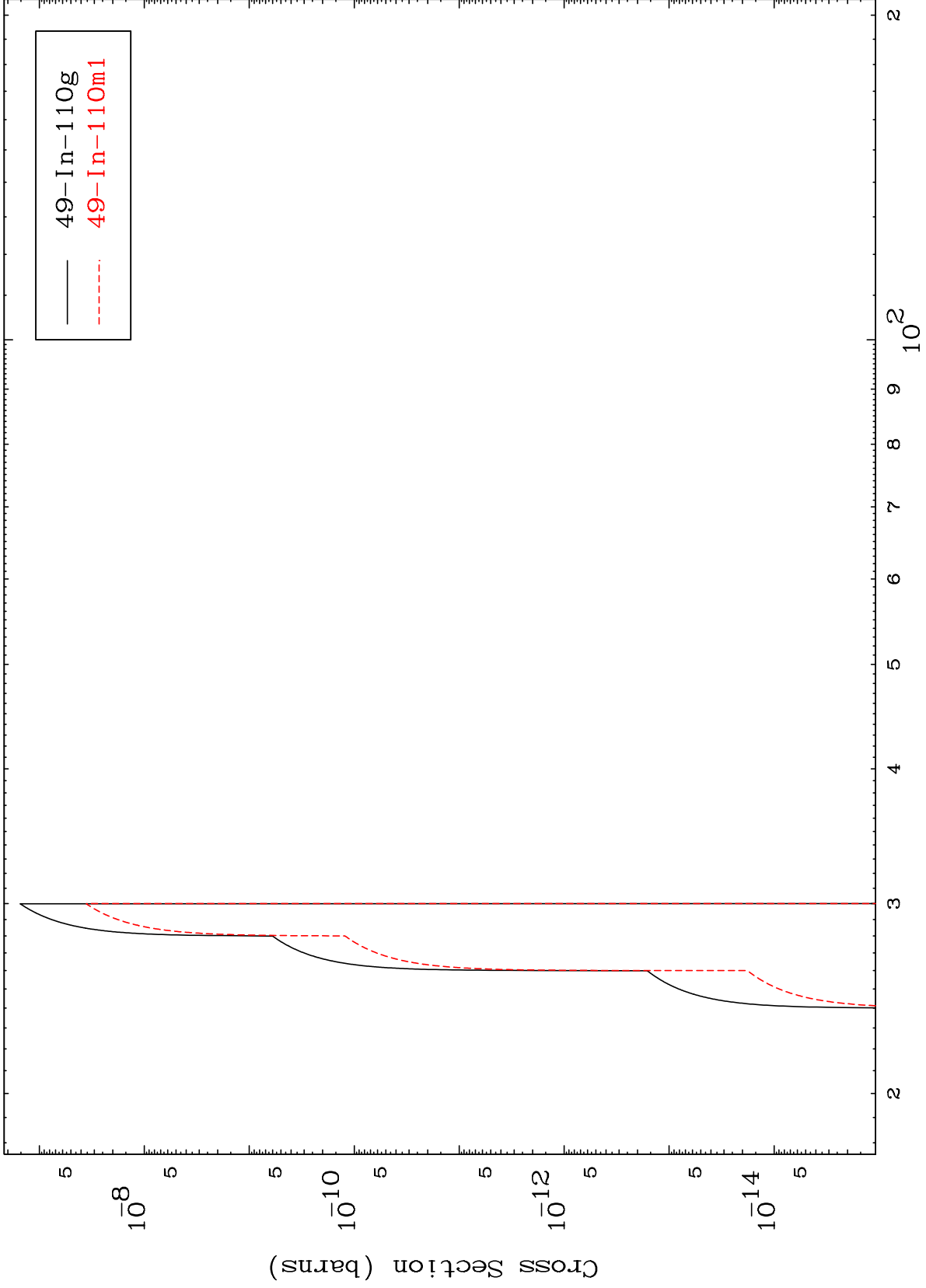
50-Sn-112

MAT 5025

(α, n') p α

50-Sn-112

Radionuclide Production Cross Section



13

Incident Energy (MeV)

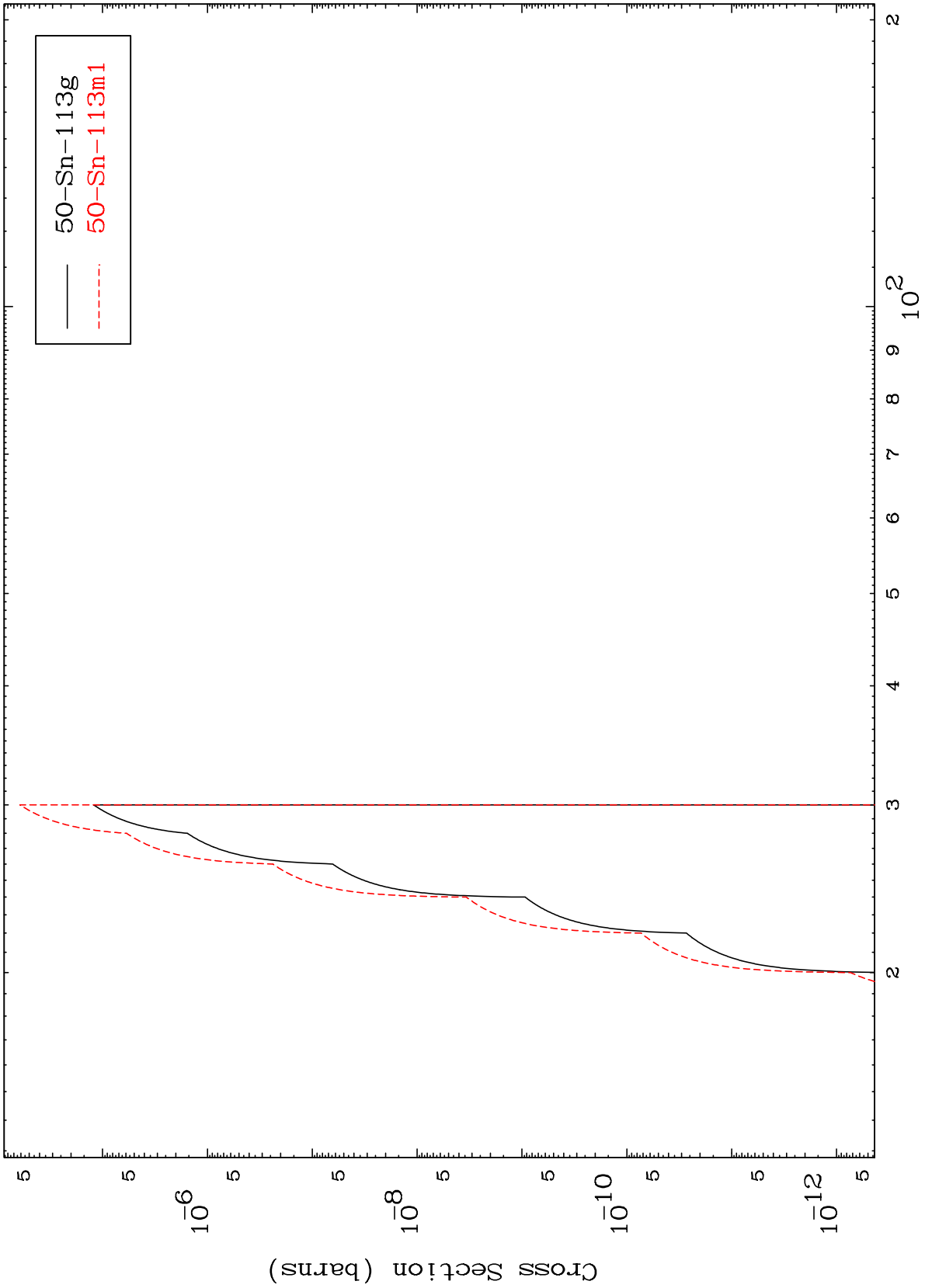
50-Sn-112

MAT 5025

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

50-Sn-112

Radionuclide Production Cross Section



14

Incident Energy (MeV)

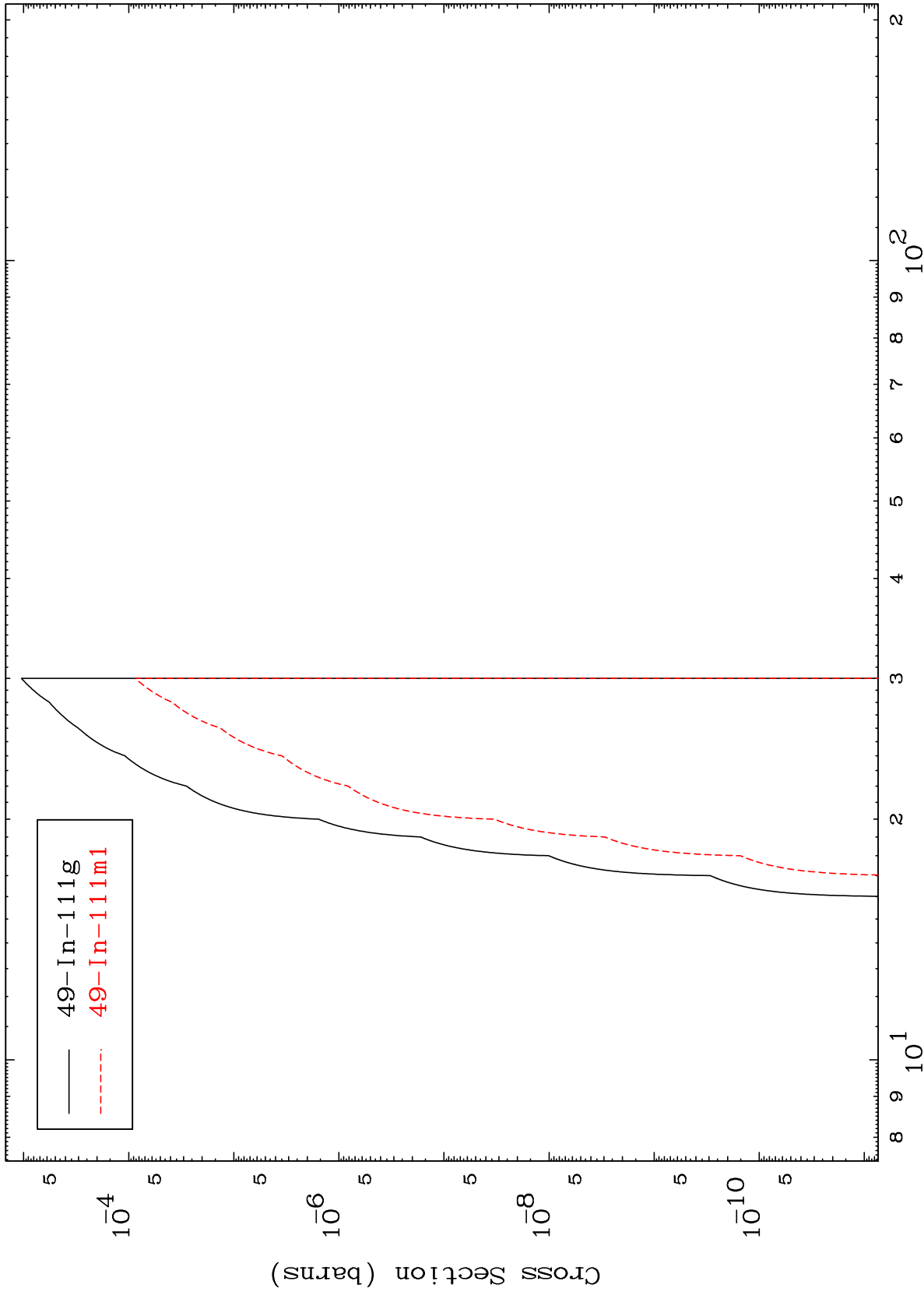
50-Sn-112

MAT 5025

(α, p) α

50-Sn-112

Radionuclide Production Cross Section

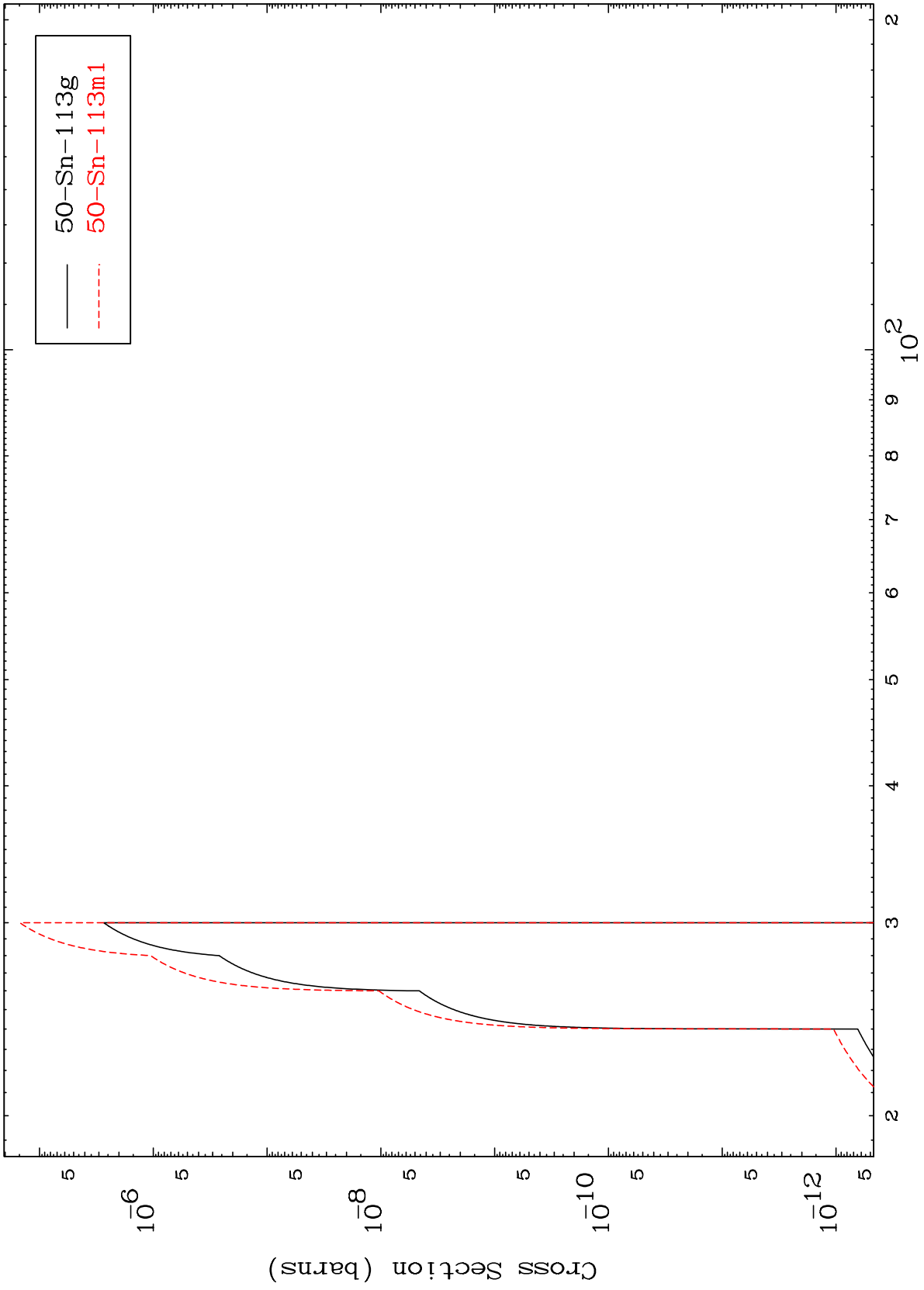


MAT 5025

(α, p) d

50-Sn-112

Radionuclide Production Cross Section



16

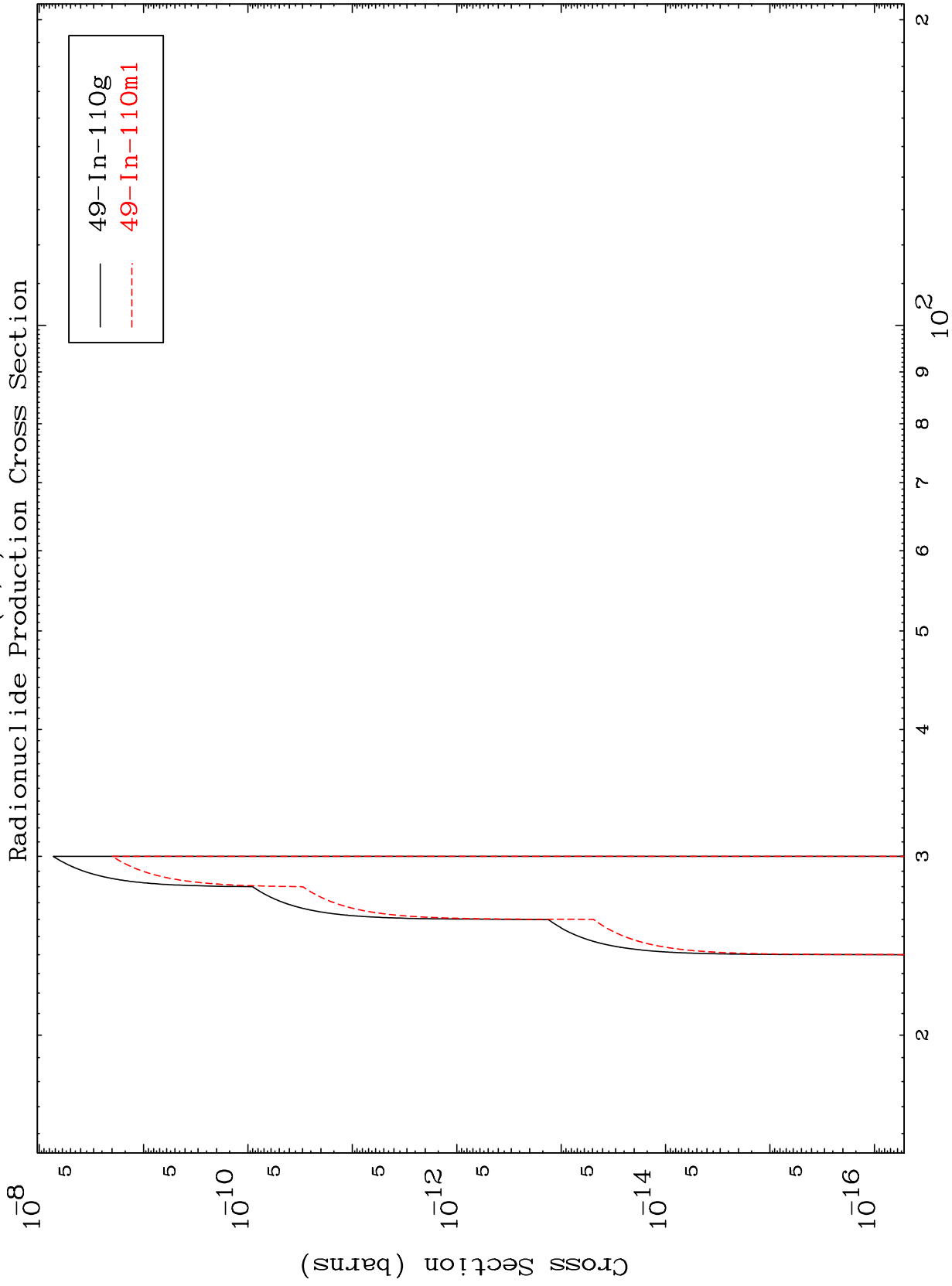
Incident Energy (MeV)

50-Sn-112

MAT 5025

(α, d) α

50-Sn-112



17

Incident Energy (MeV)

50-Sn-112