

Program EVALPLOT
(Version 2021-1)

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

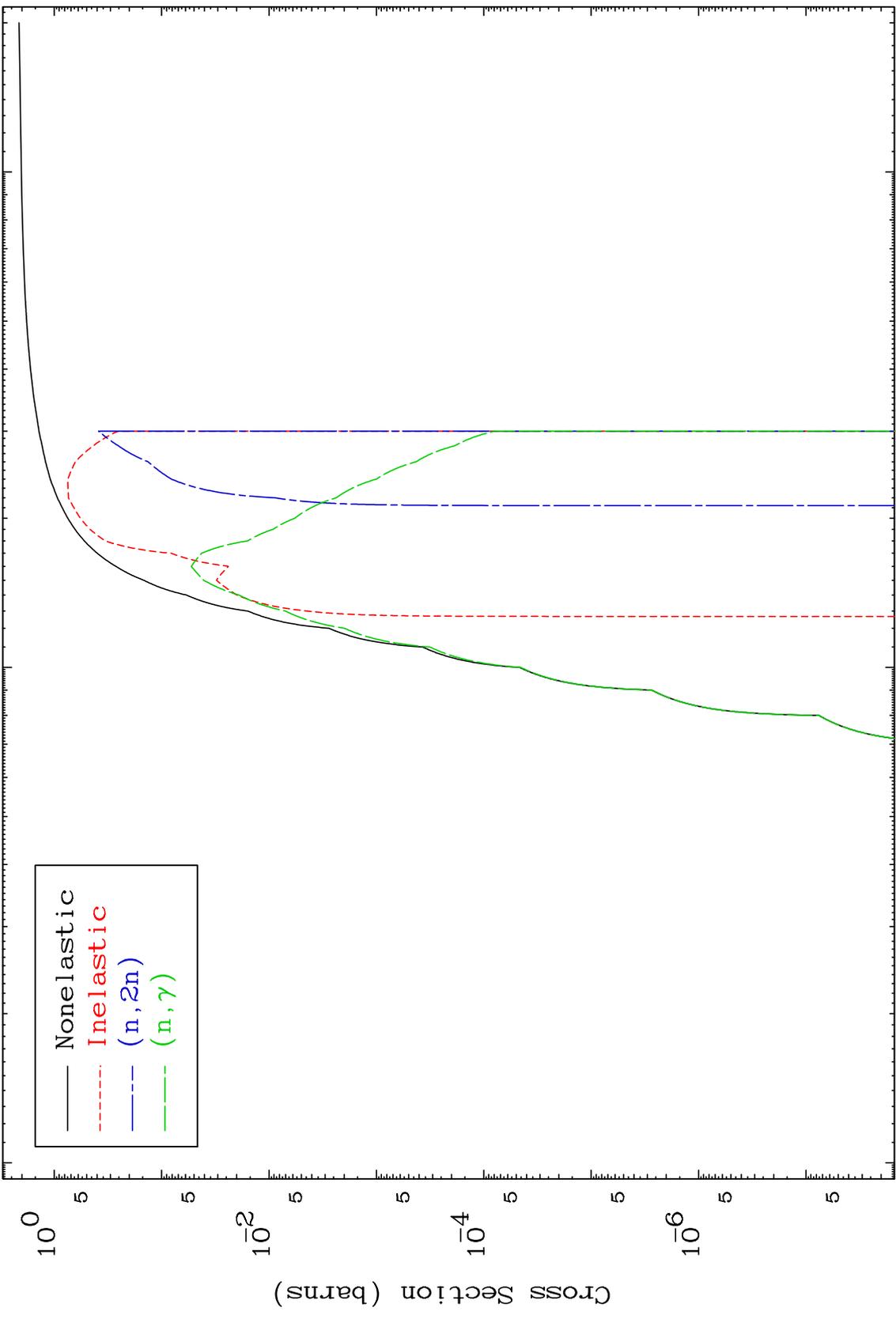
Press Mouse Button to Start

MAT 5025

α Major

50-Sn-112

0 Kelvin Cross Sections



50-Sn-112

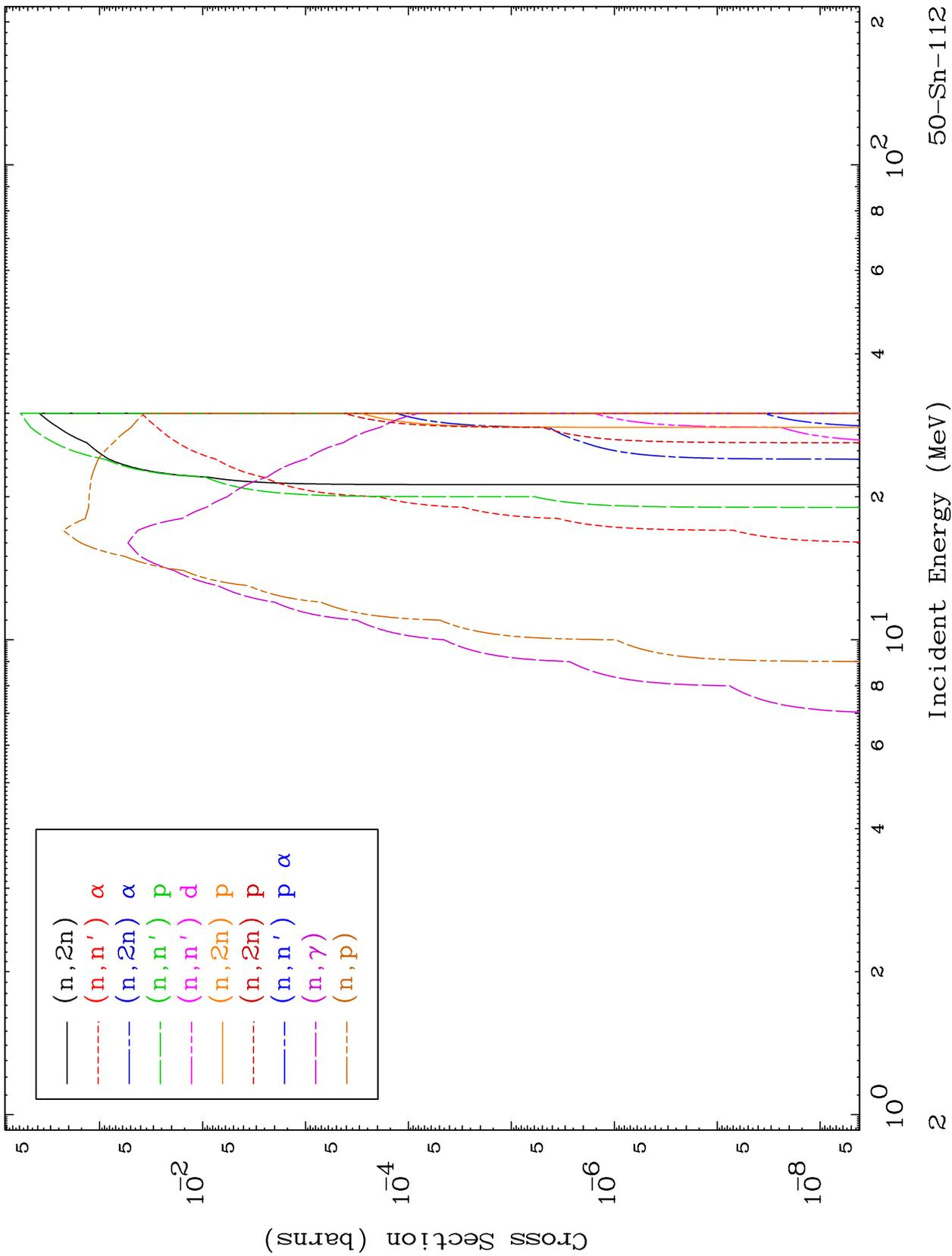
Incident Energy (MeV)

50-Sn-112

MAT 5025

α Neutron Absorption
0 Kelvin Cross Sections

50-Sn-112

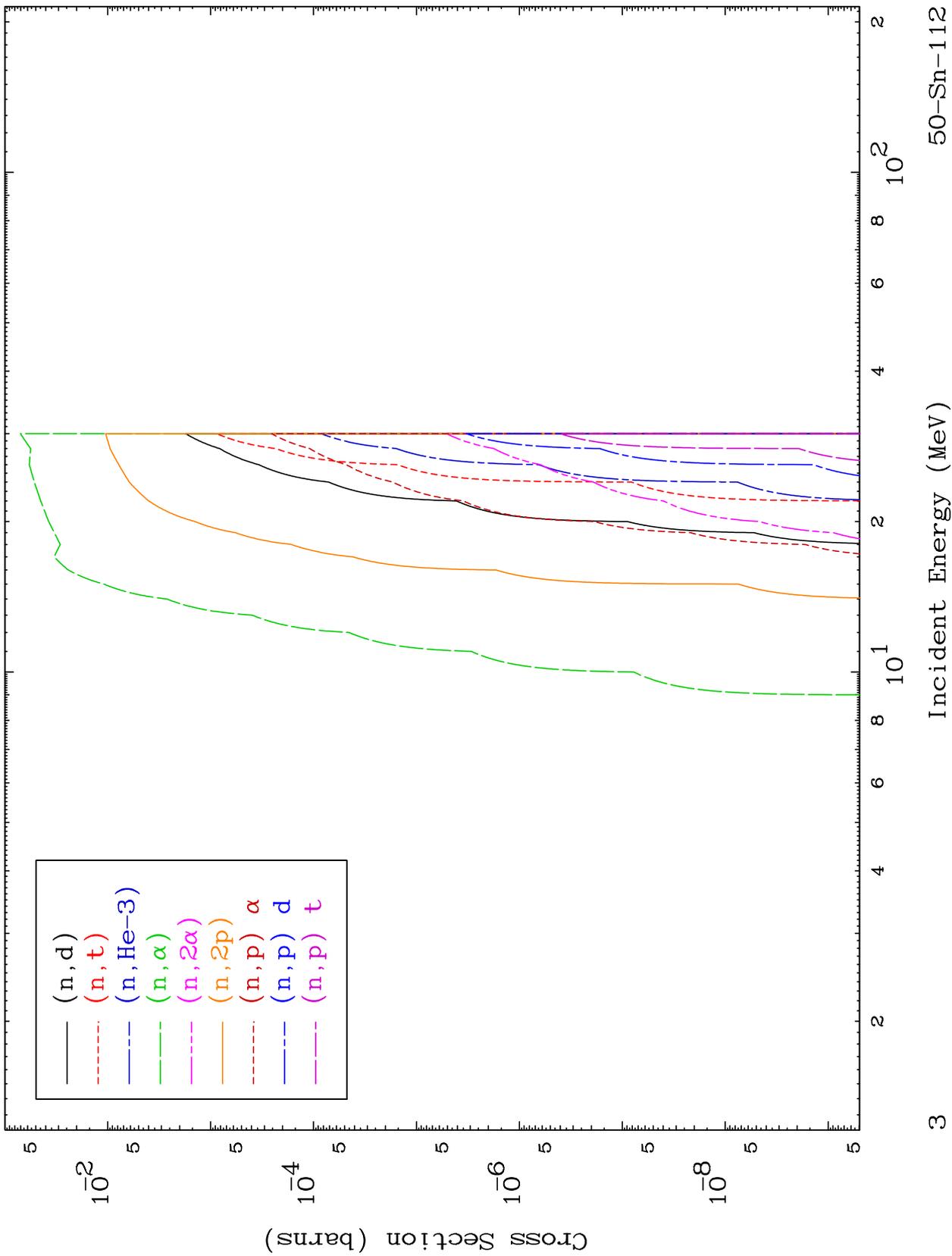


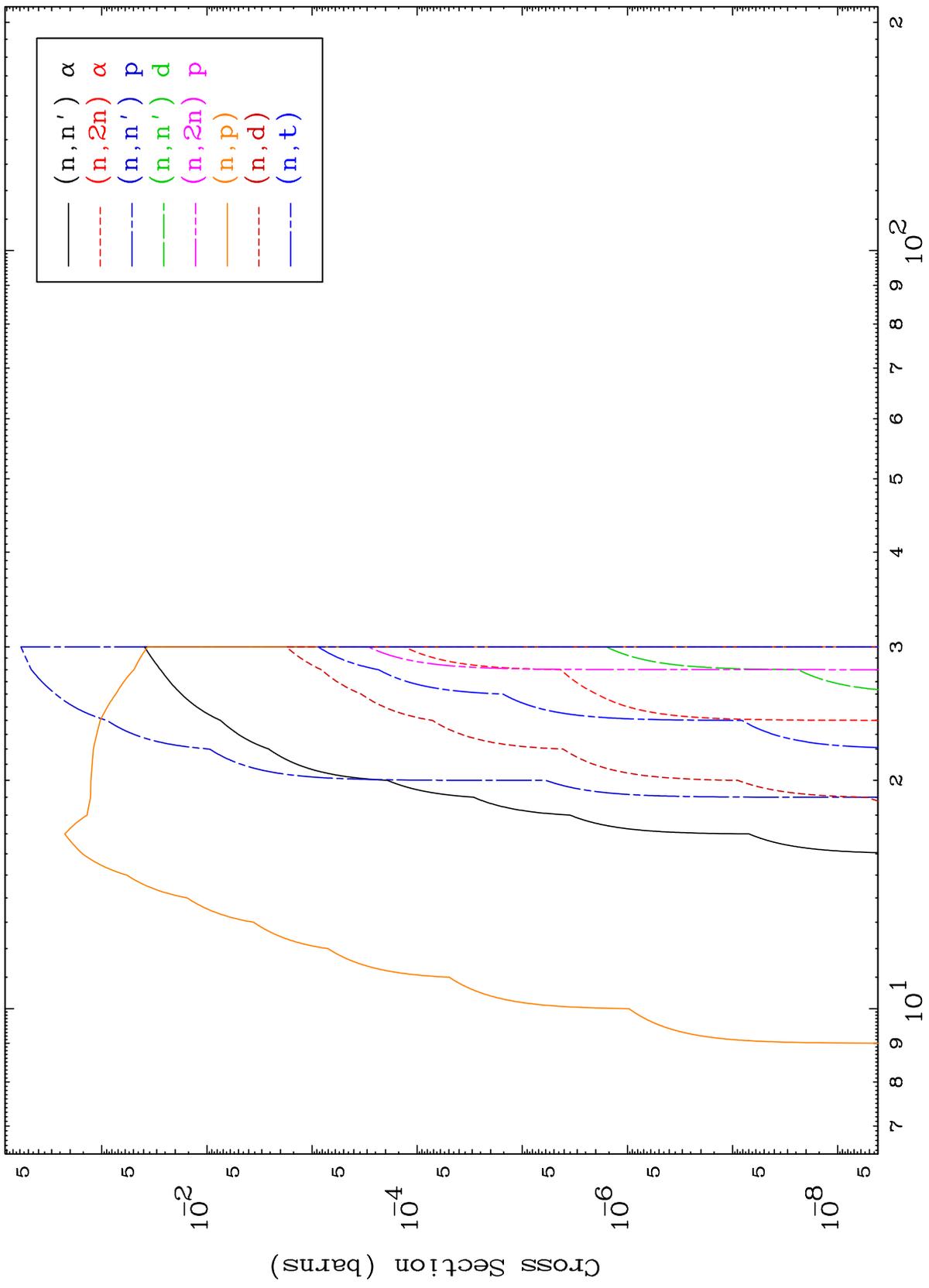
50-Sn-112

MAT 5025

α Neutron Absorption
0 Kelvin Cross Sections

50-Sn-112

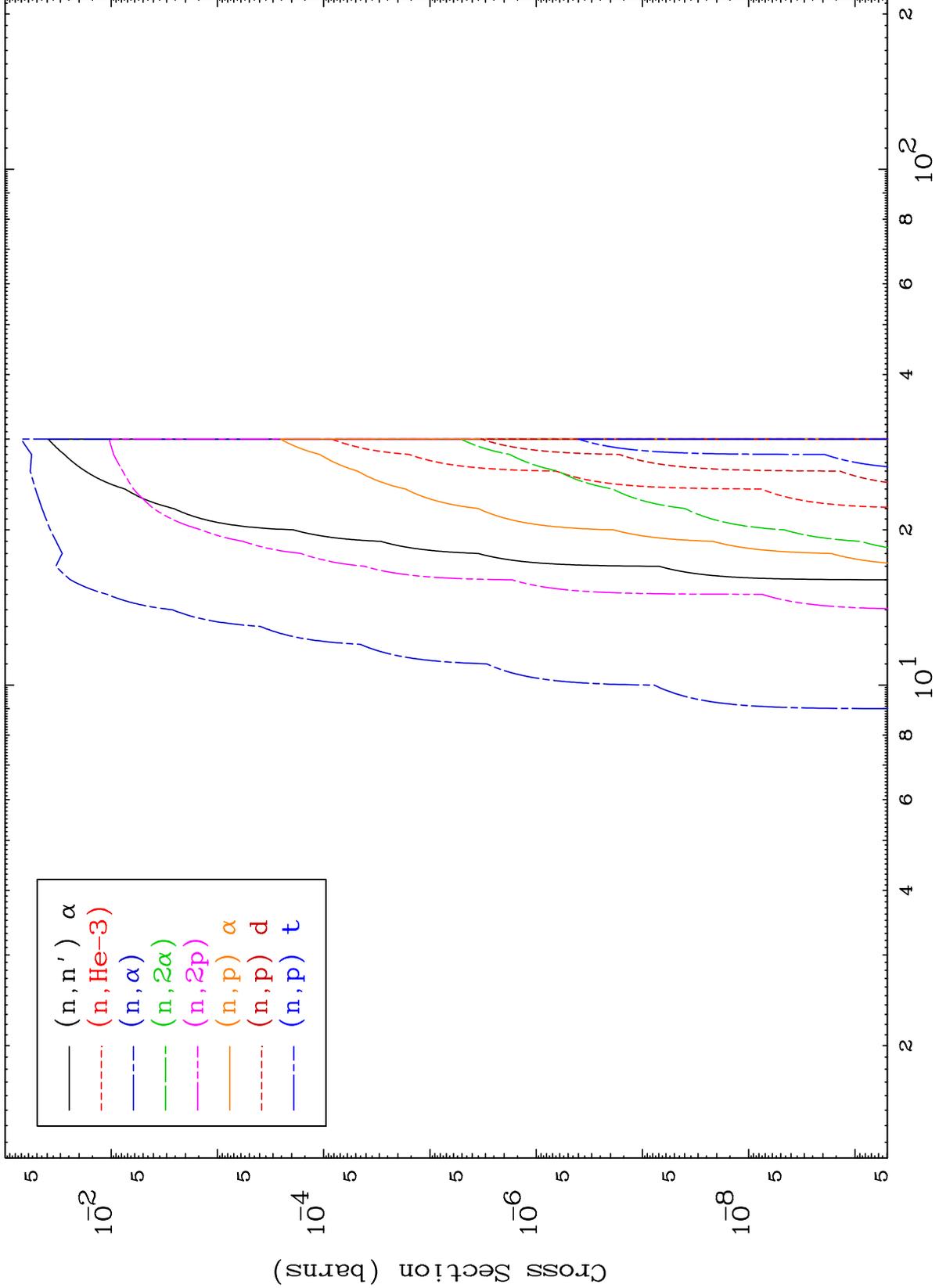




MAT 5025

α Charged Particle
0 Kelvin Cross Sections

50-Sn-112



5

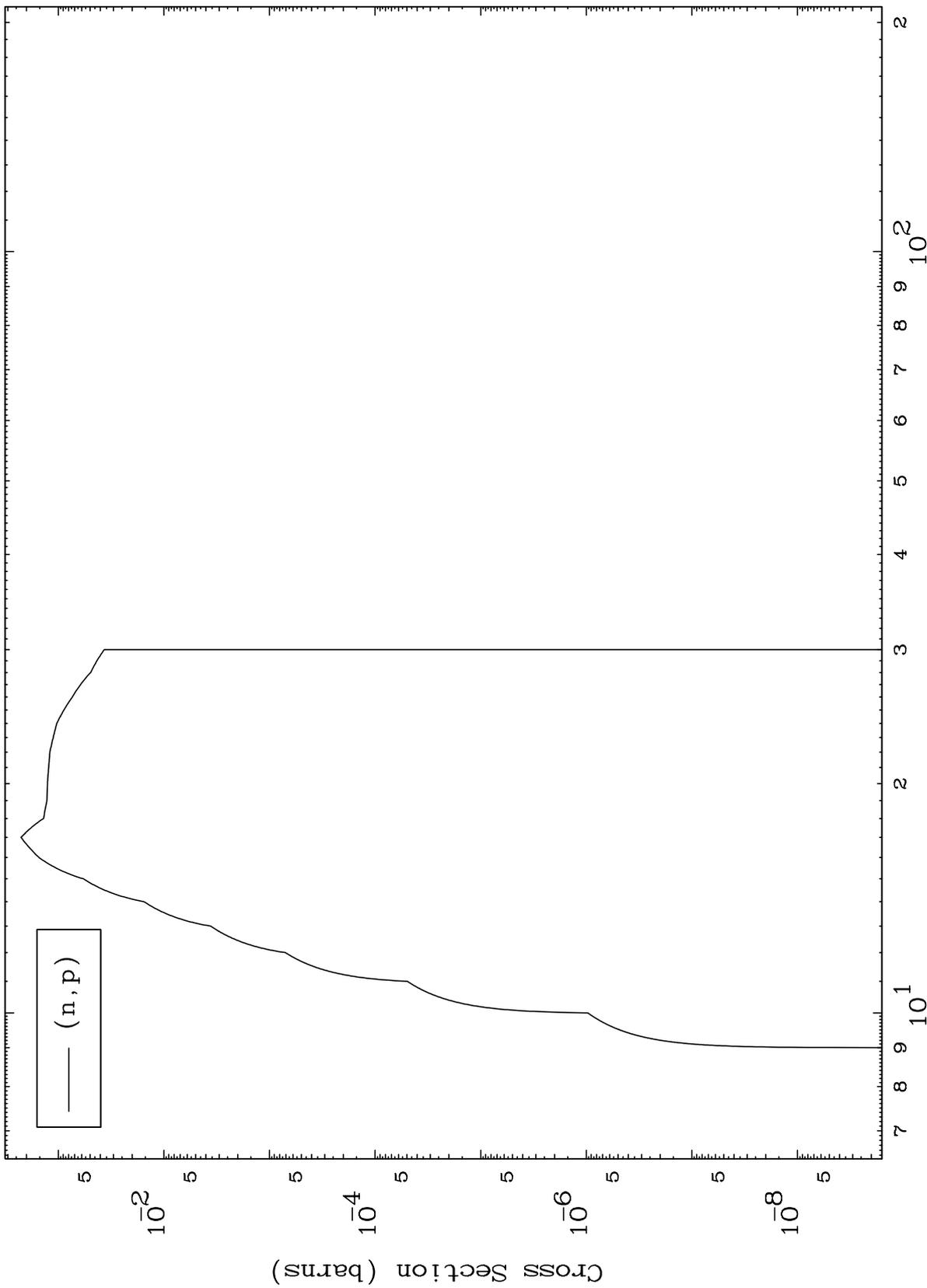
Incident Energy (MeV)

50-Sn-112

MAT 5025

50-Sn-112

(α, p) Levels
0 Kelvin Cross Sections



50-Sn-112

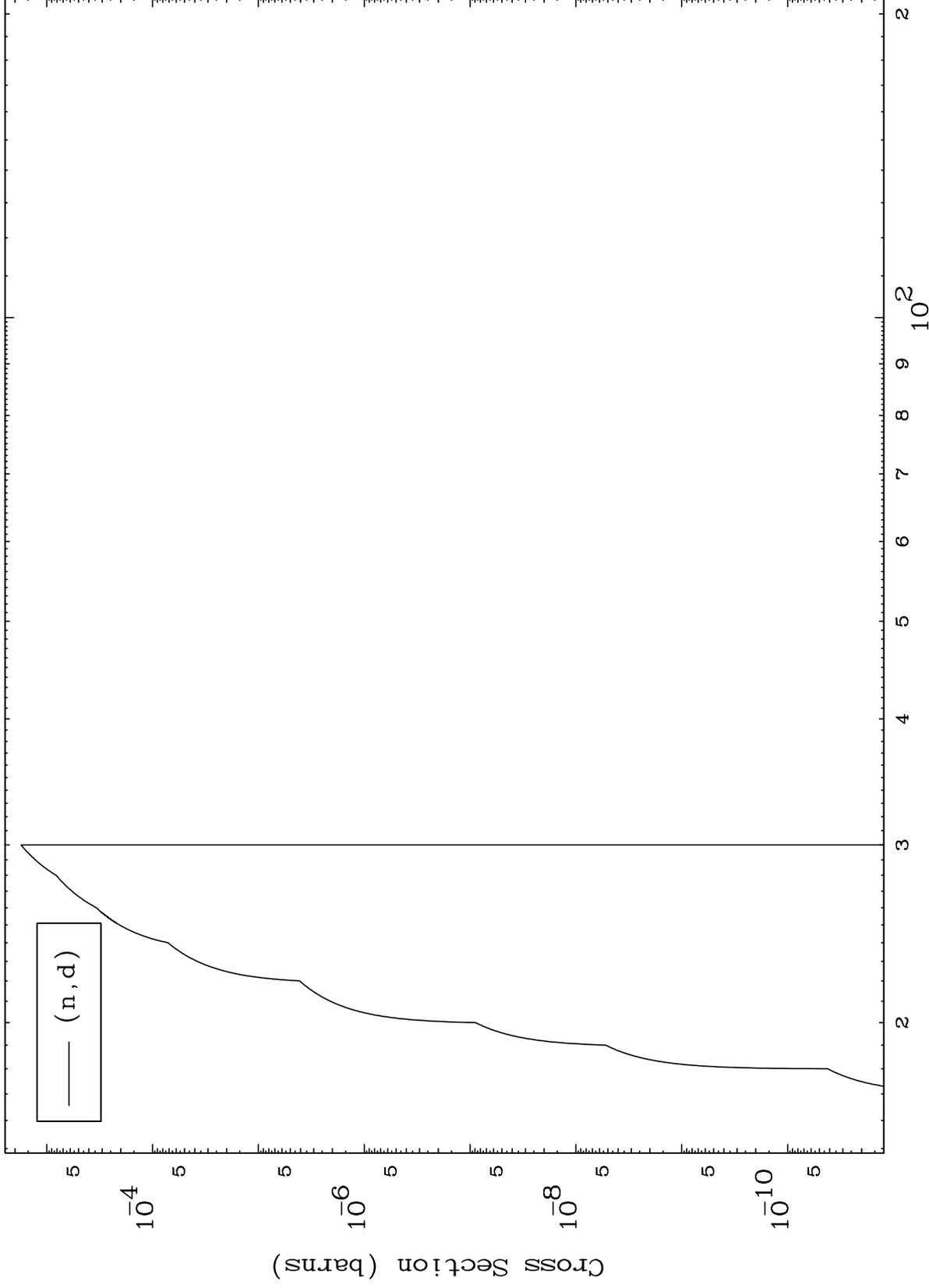
Incident Energy (MeV)

6

MAT 5025

(α, d) Levels
0 Kelvin Cross Sections

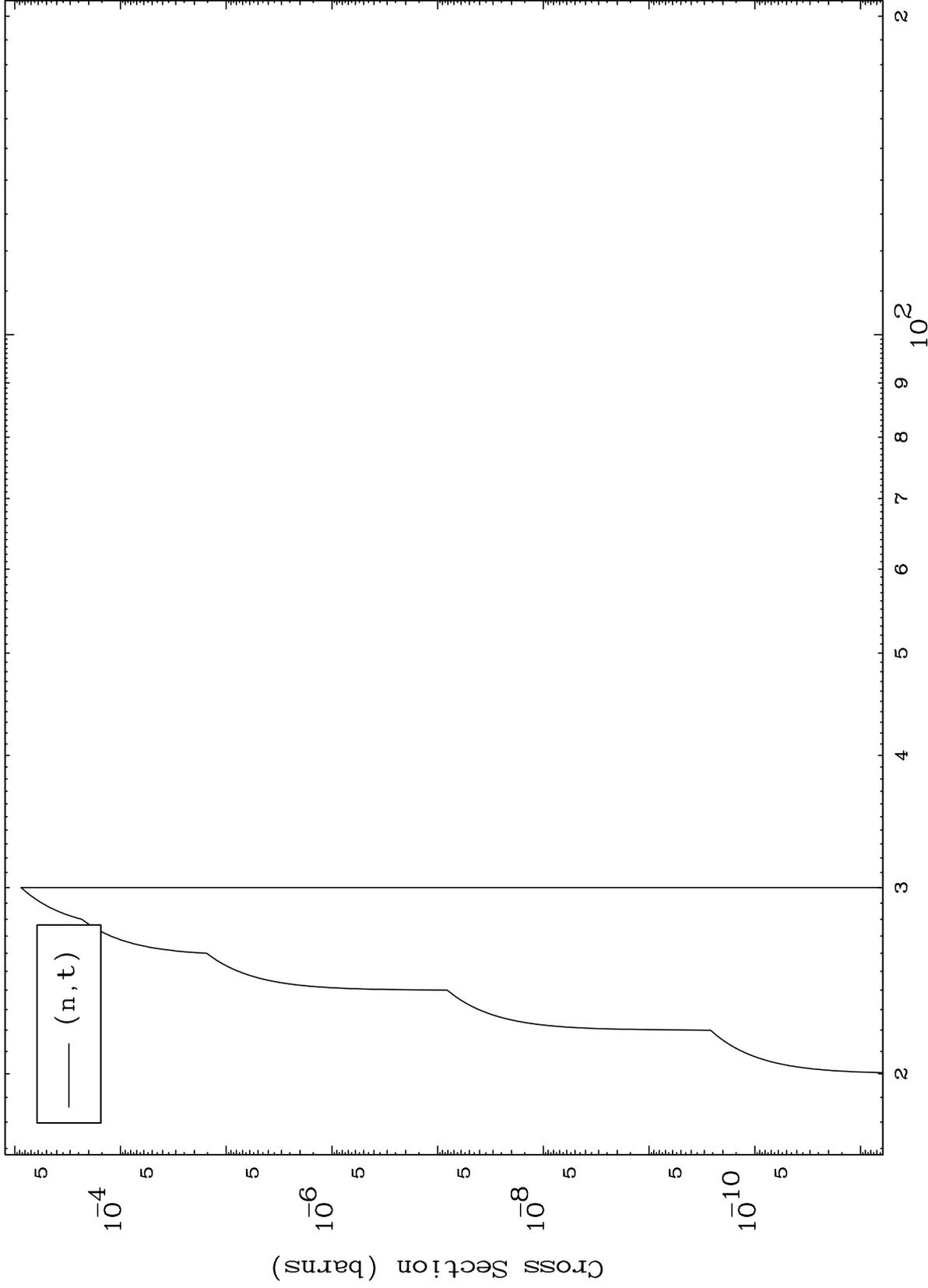
50-Sn-112



7

Incident Energy (MeV)

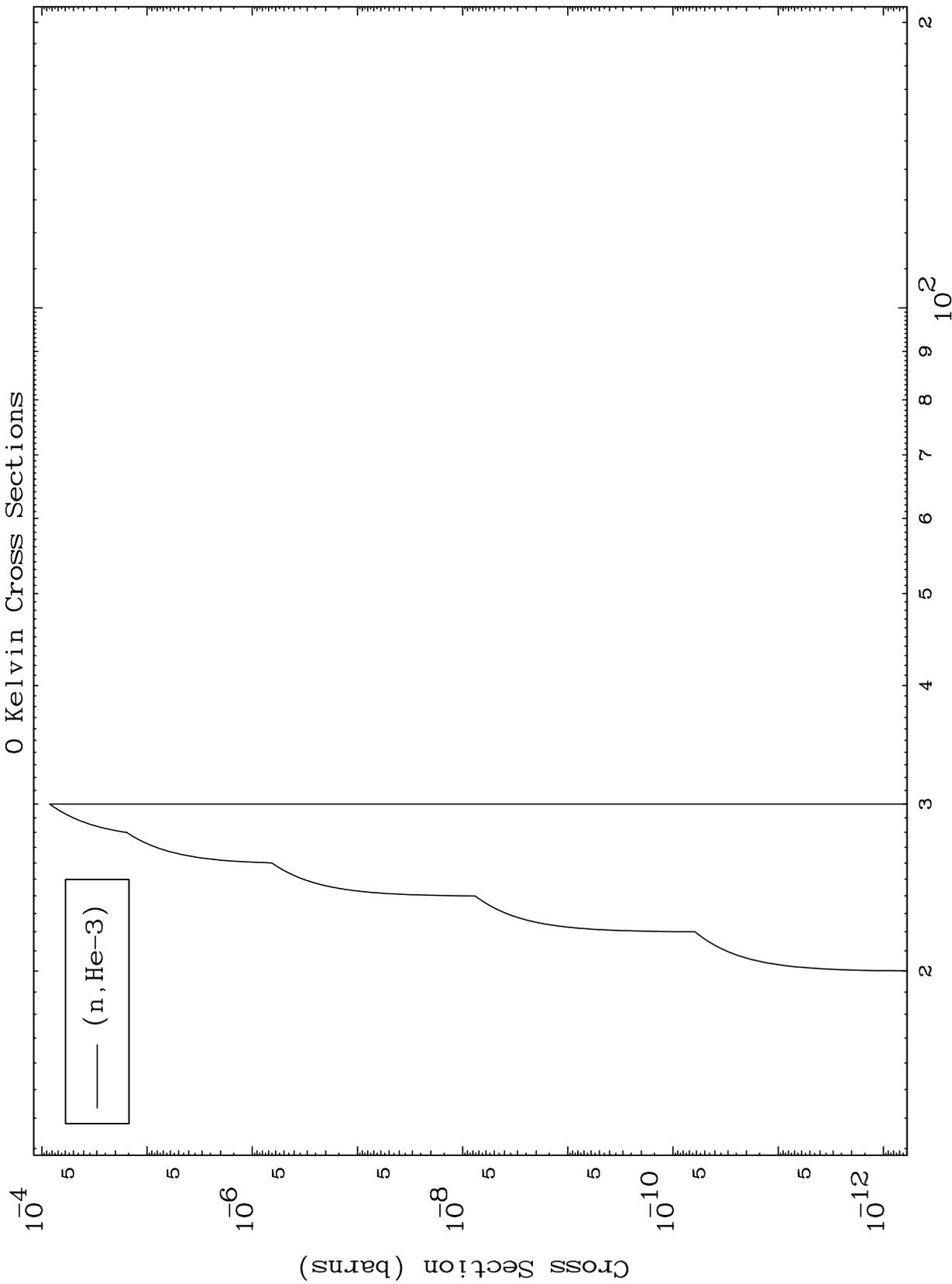
50-Sn-112



MAT 5025

50-Sn-112

($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections

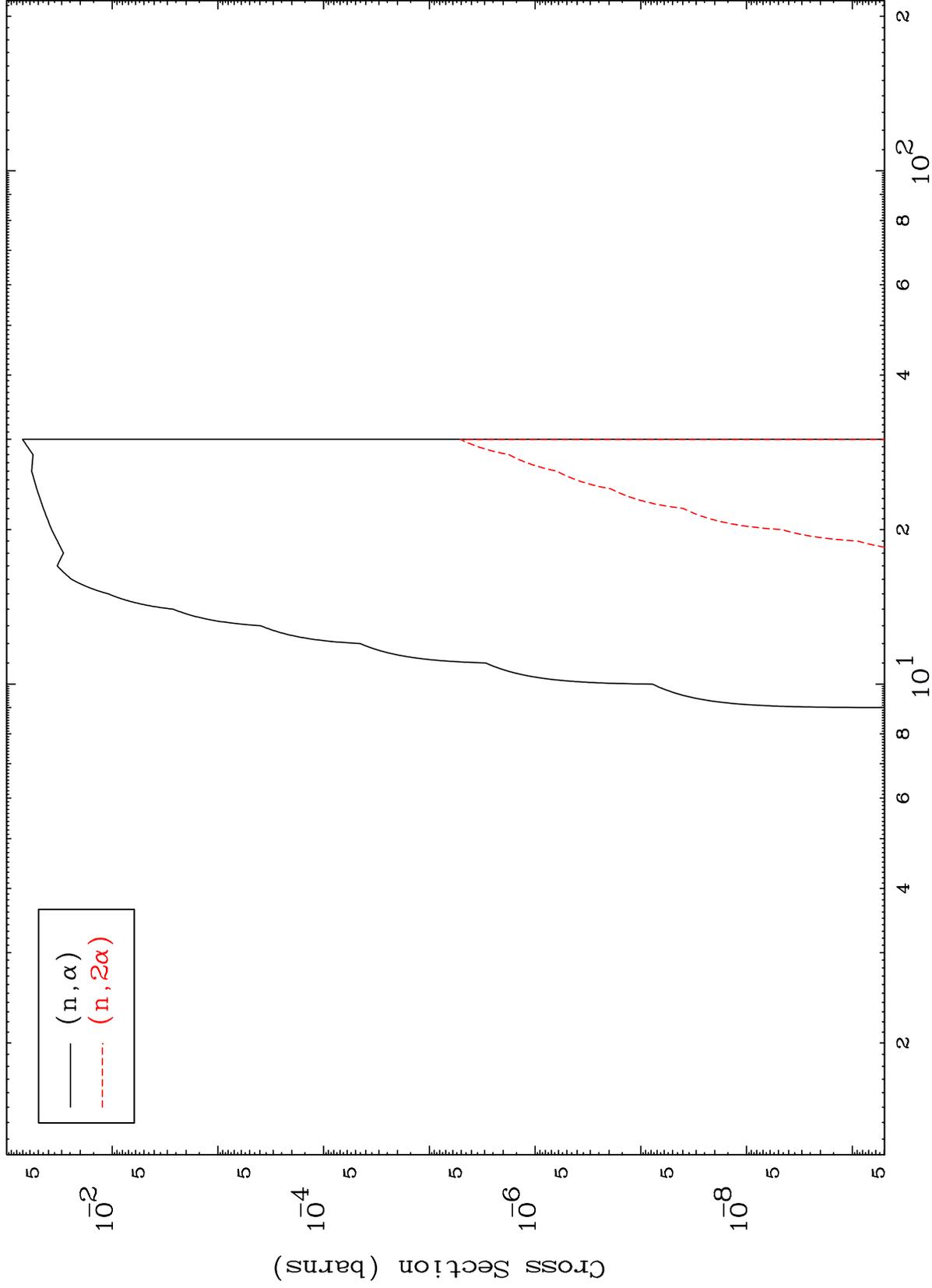


MAT 5025

(α, α) Levels

50-Sn-112

0 Kelvin Cross Sections



10

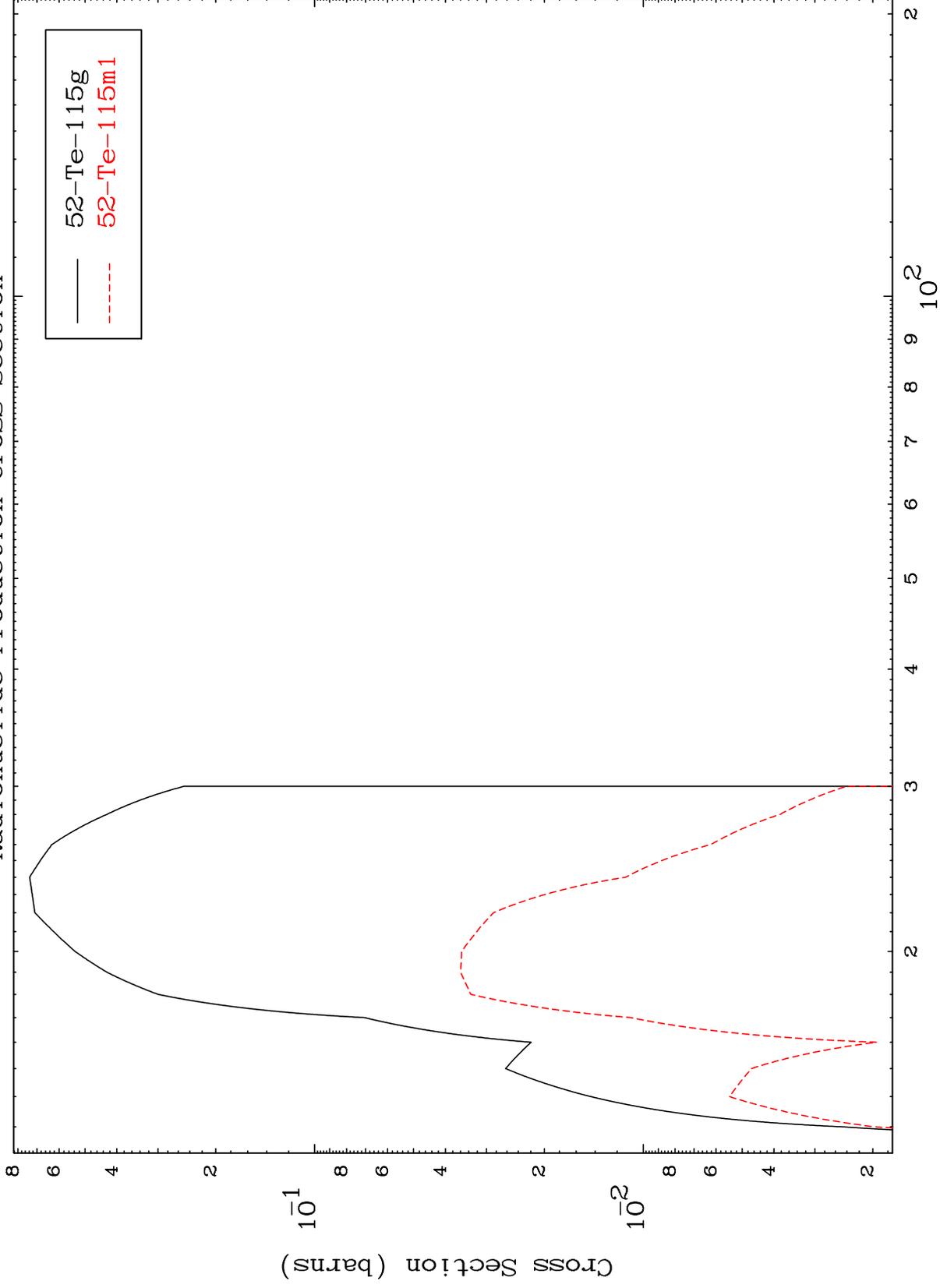
Incident Energy (MeV)

50-Sn-112

MAT 5025

Inelastic
Radionuclide Production Cross Section

50-Sn-112



11

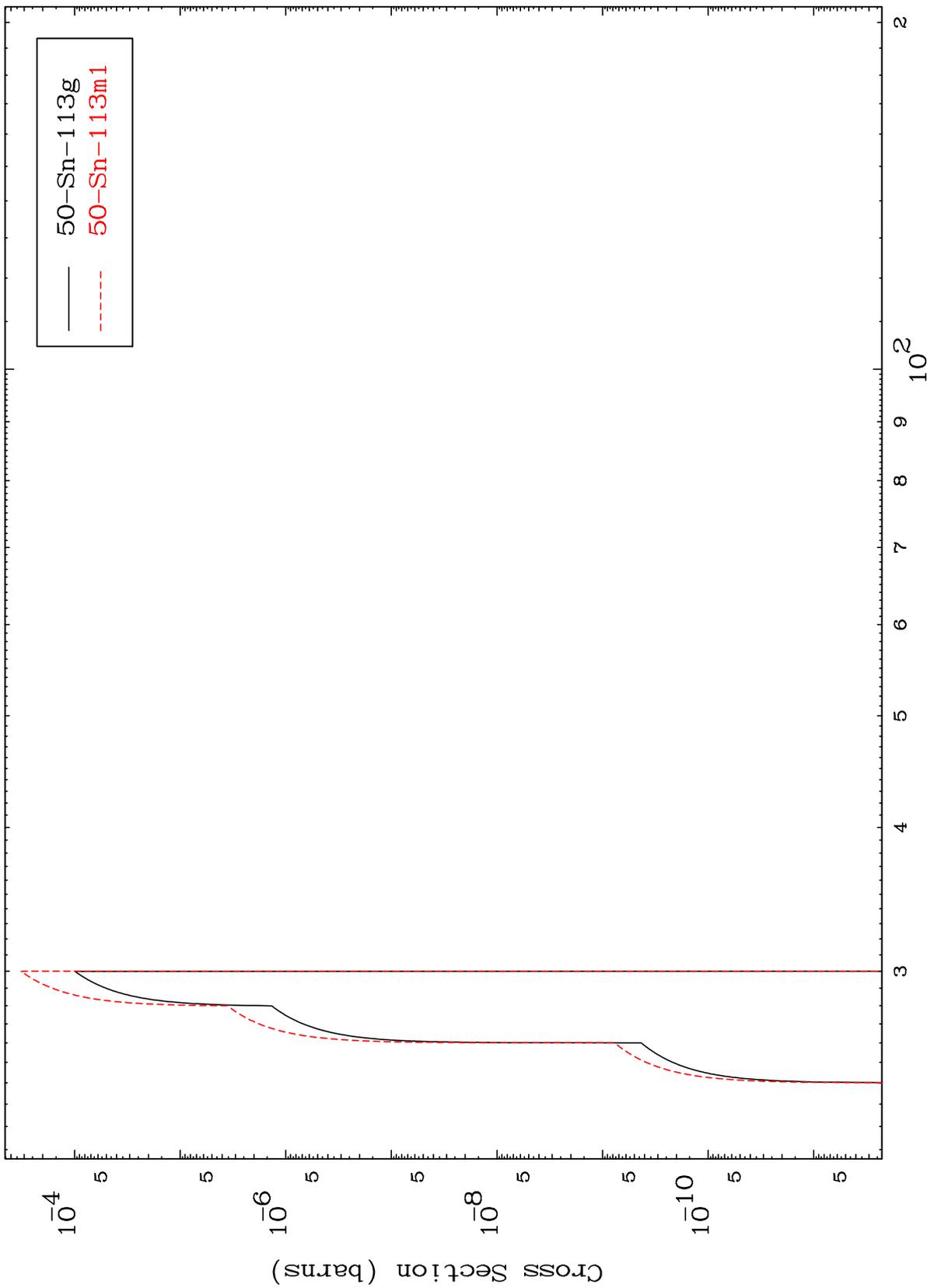
Incident Energy (MeV)

50-Sn-112

MAT 5025

50-Sn-112

(n,2n) p
Radionuclide Production Cross Section



50-Sn-112

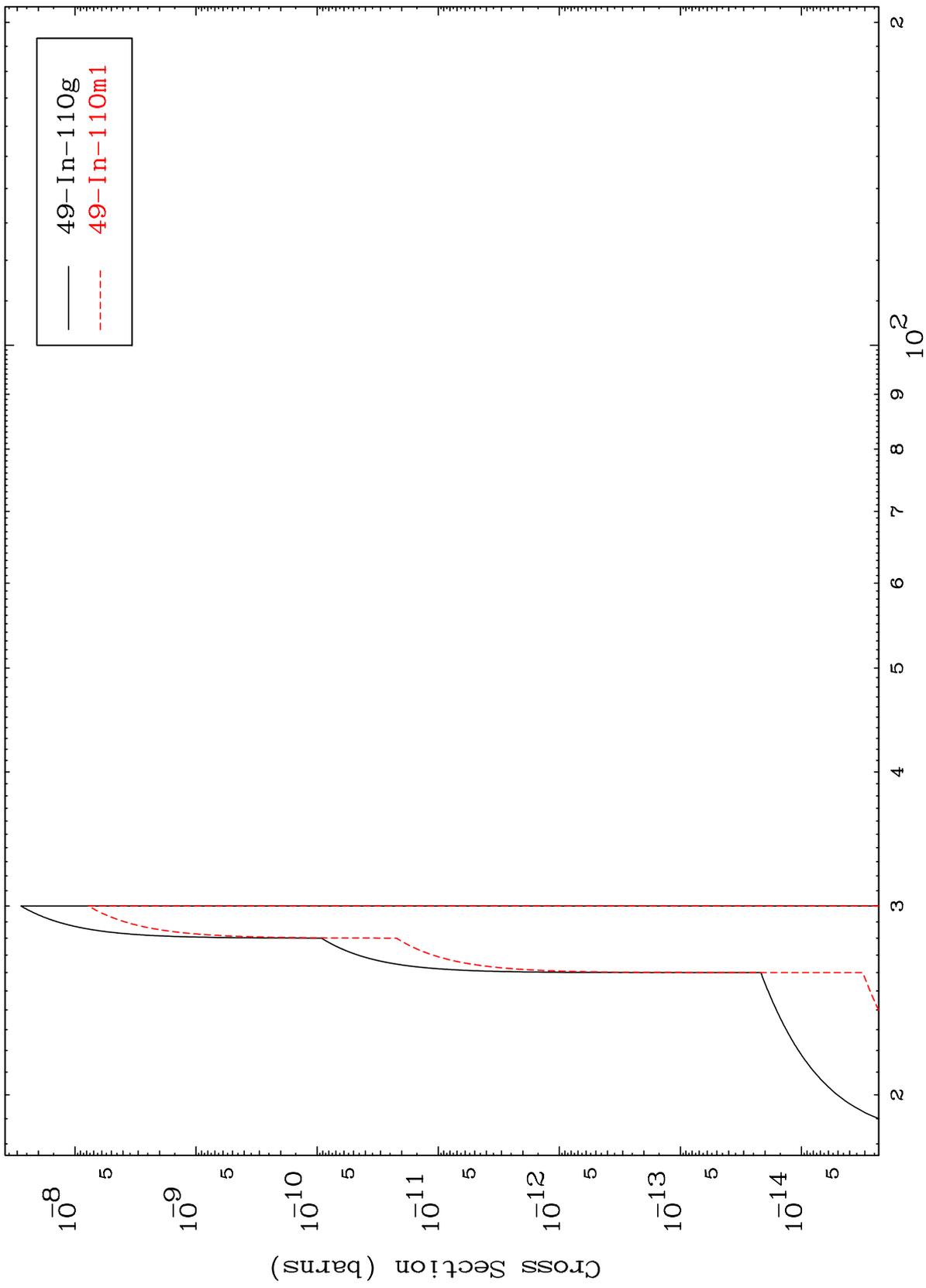
Incident Energy (MeV)

12

MAT 5025

50-Sn-112

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



13

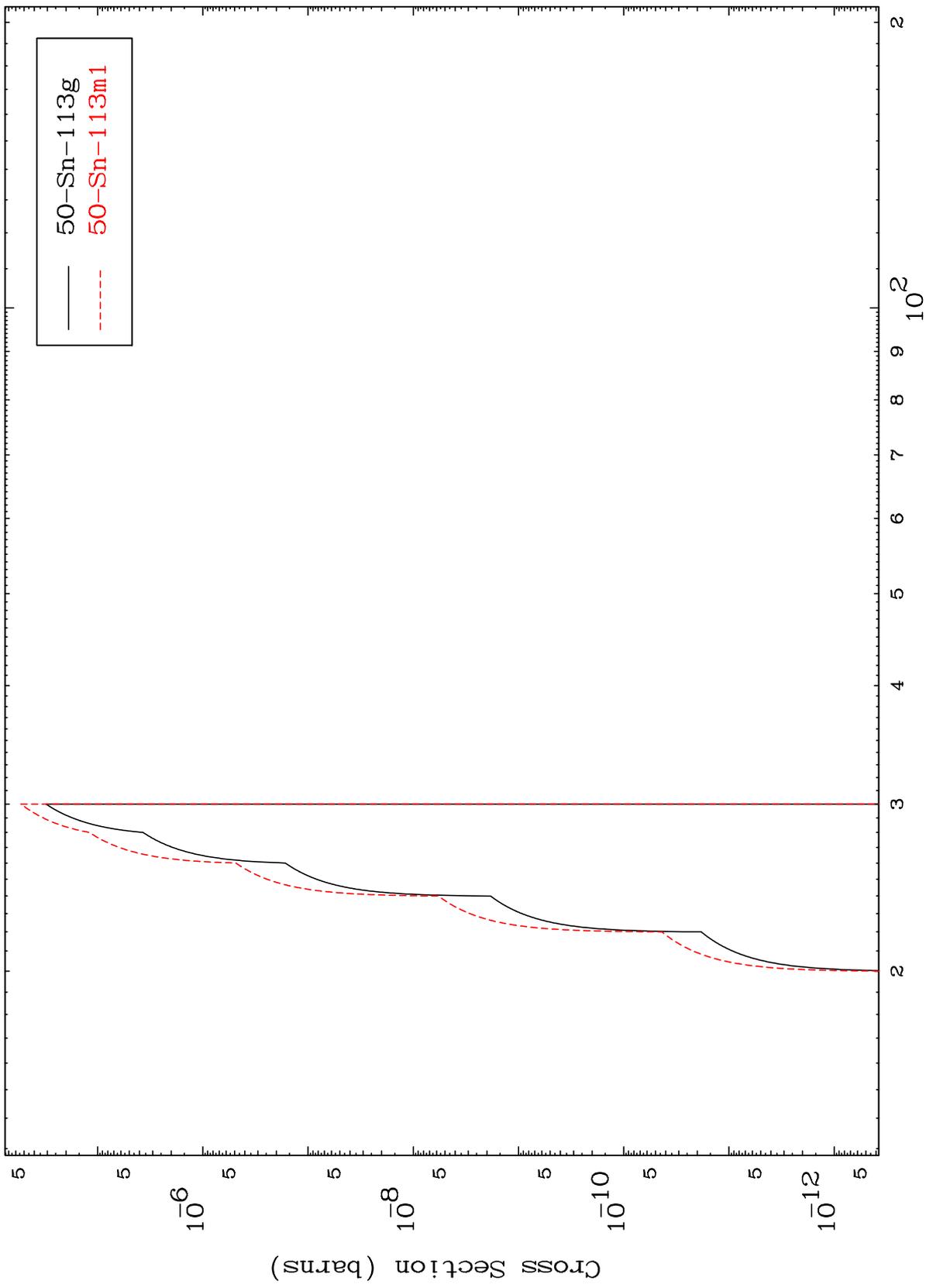
Incident Energy (MeV)

50-Sn-112

MAT 5025

50-Sn-112

(n,He-3)
Radionuclide Production Cross Section



14

50-Sn-112

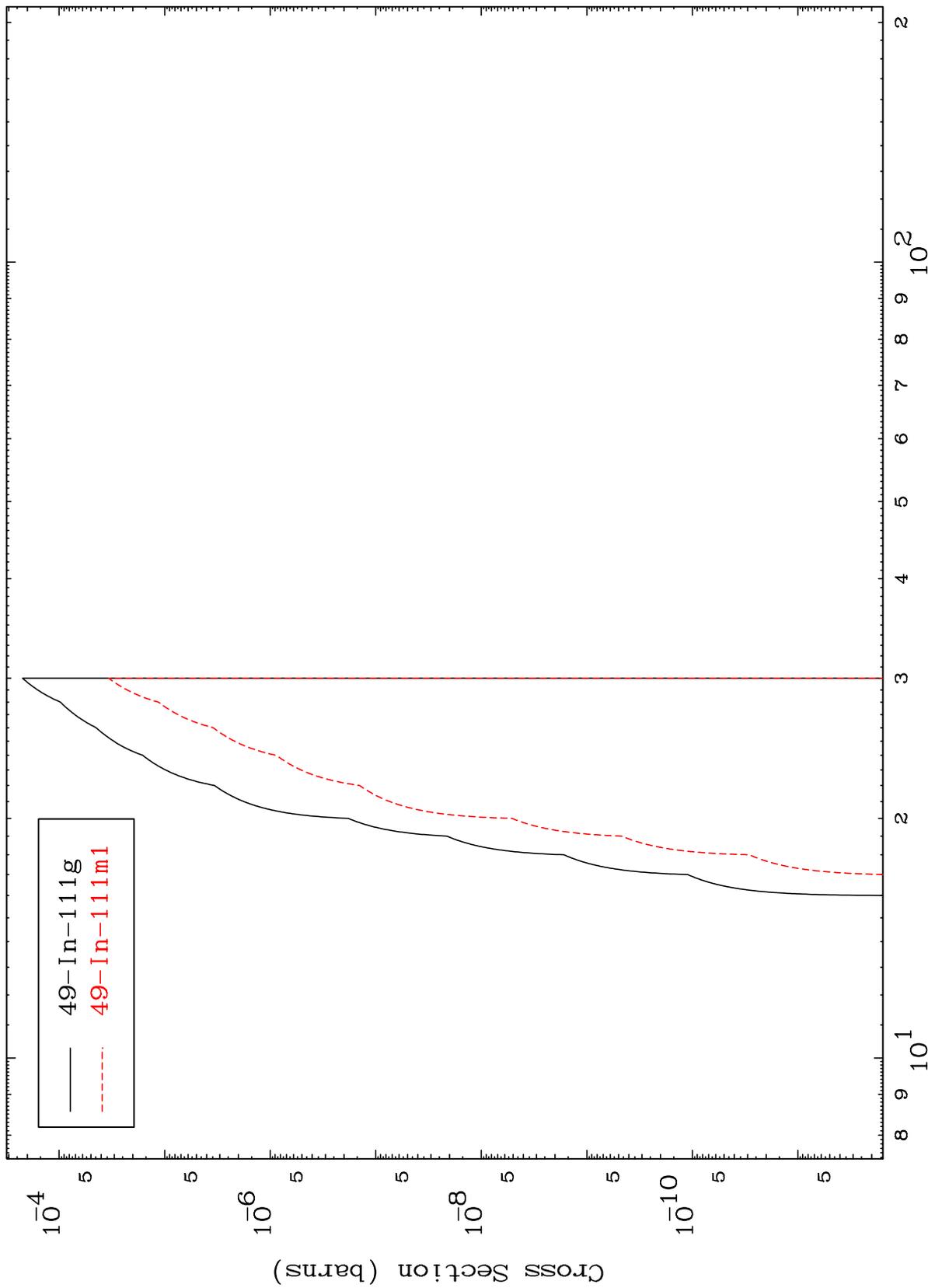
Incident Energy (MeV)

MAT 5025

50-Sn-112

(n,p) α

Radionuclide Production Cross Section



50-Sn-112

Incident Energy (MeV)

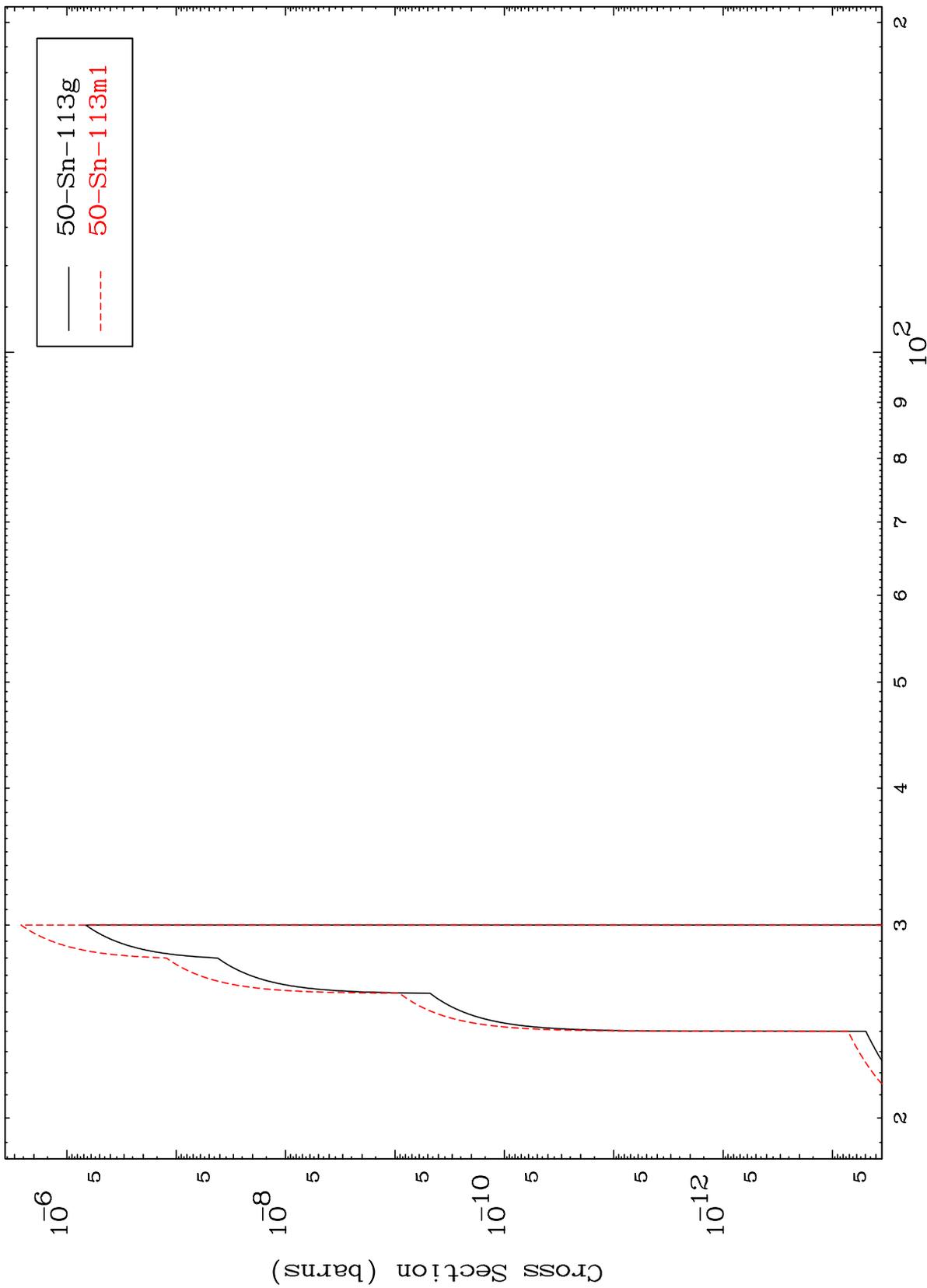
15

MAT 5025

(n,p) d

50-Sn-112

Radionuclide Production Cross Section



16

Incident Energy (MeV)

50-Sn-112