

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

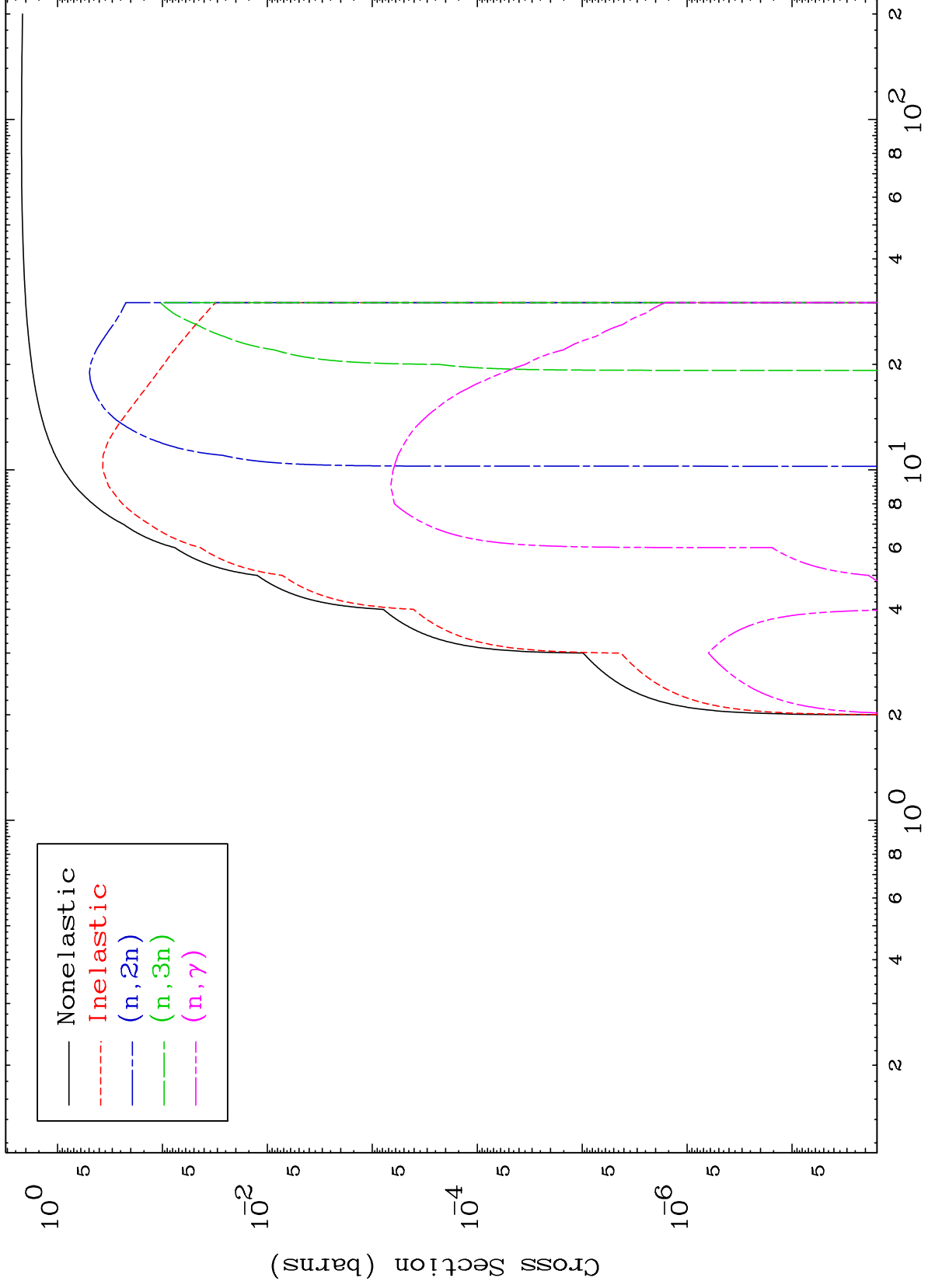
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5025

Deuteron Major
0 Kelvin Cross Sections

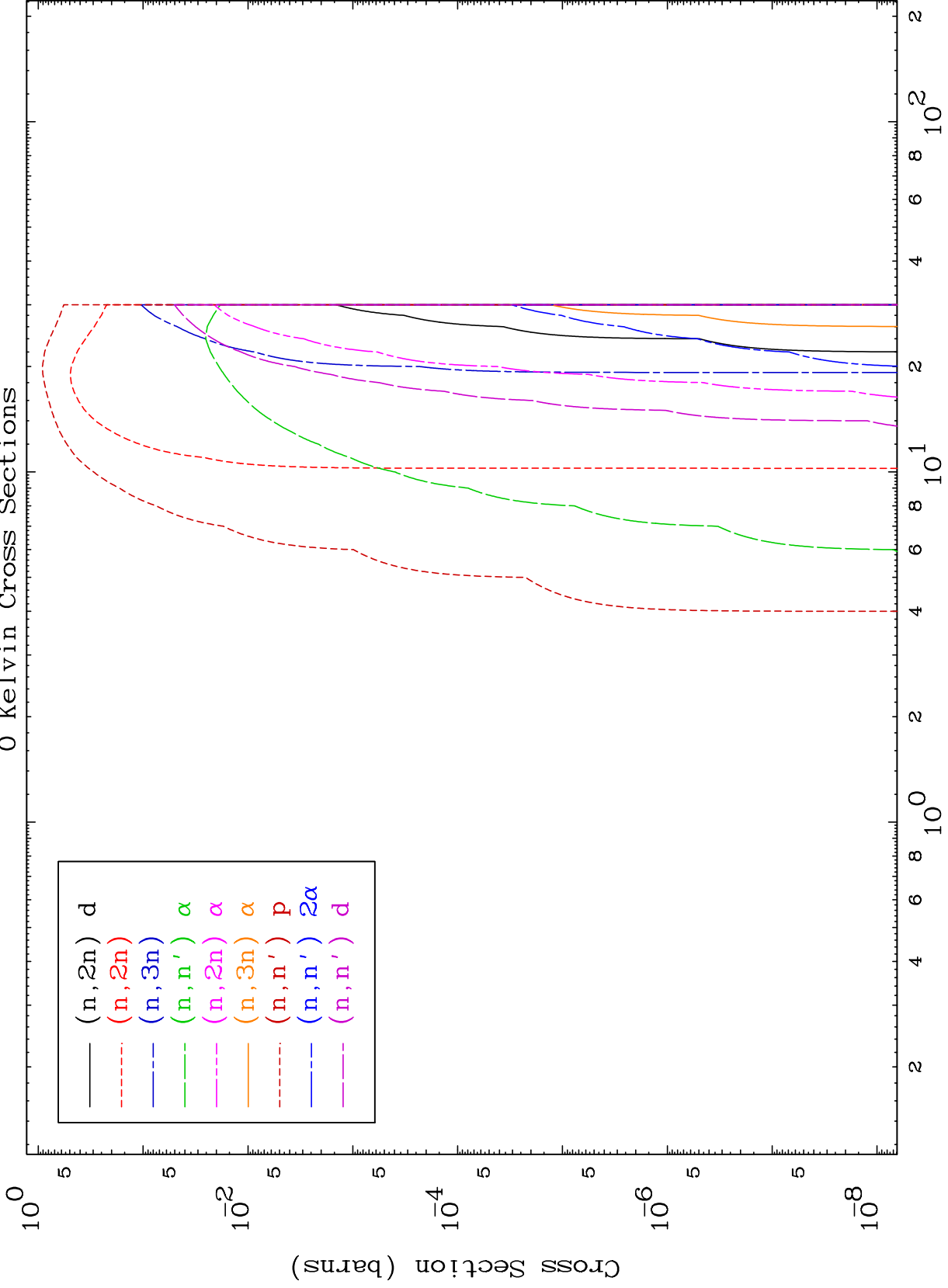
50-Sn-112

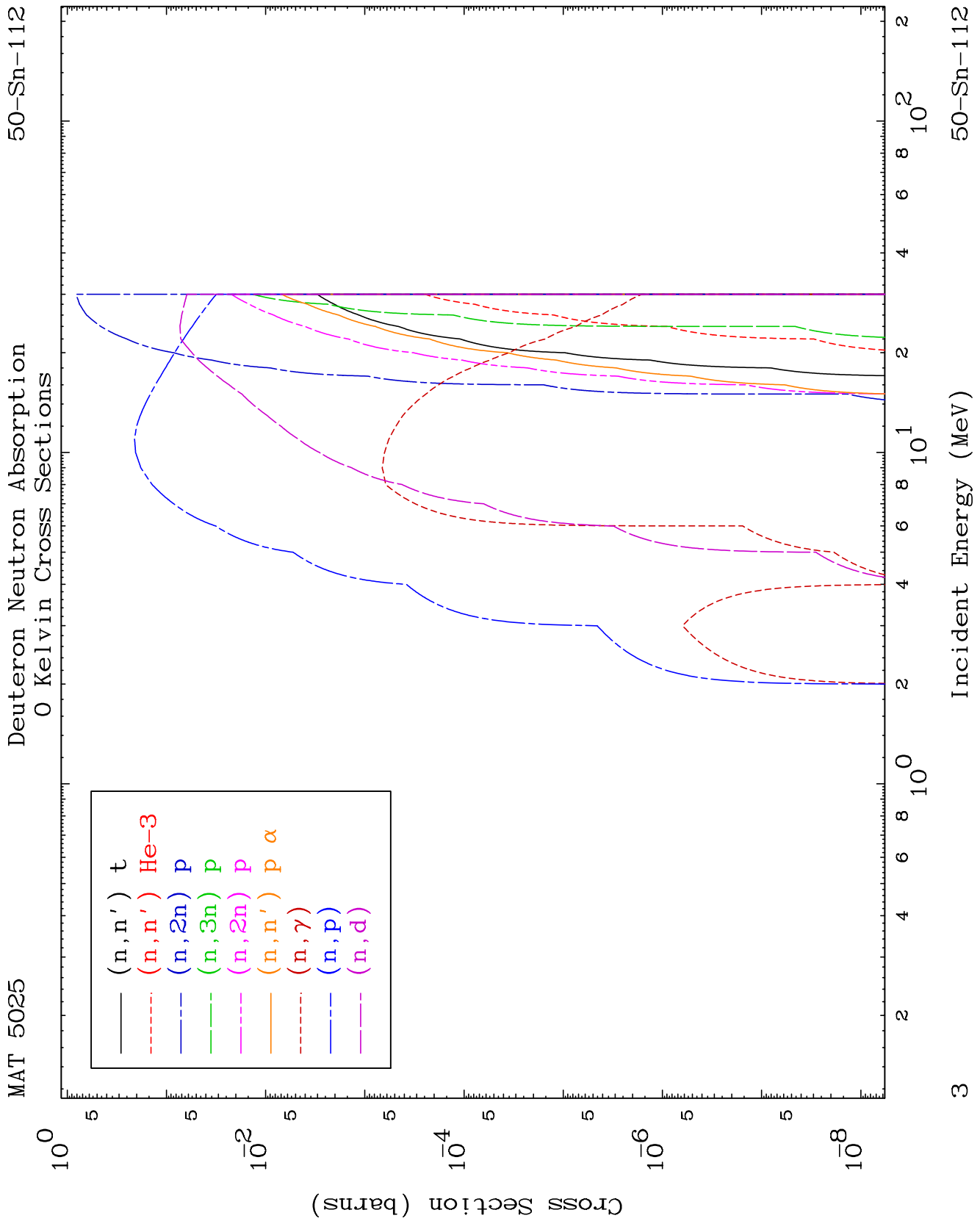


MAT 5025

Deuteron Neutron Absorption
0 Kelvin Cross Sections

50-Sn-112

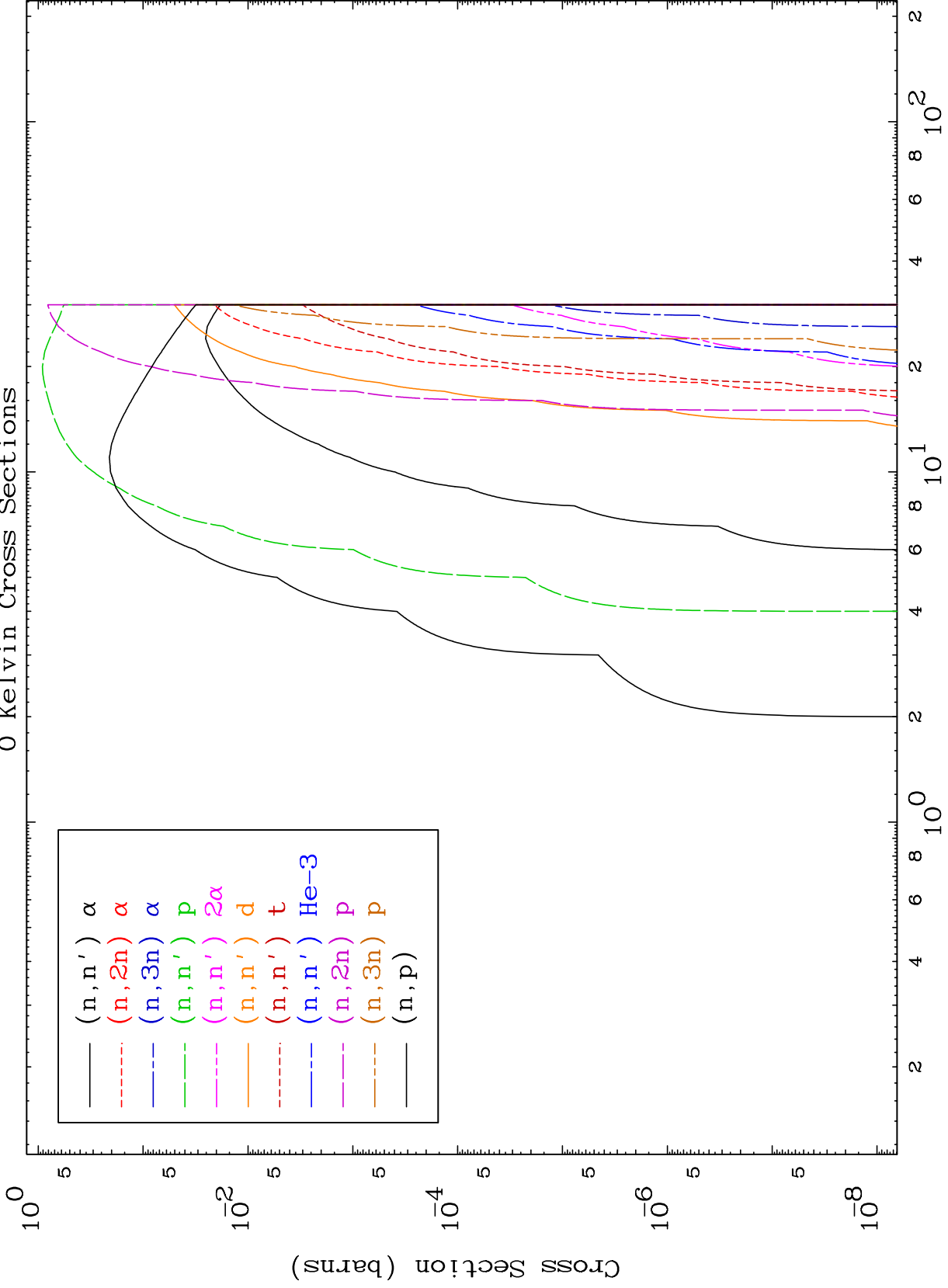


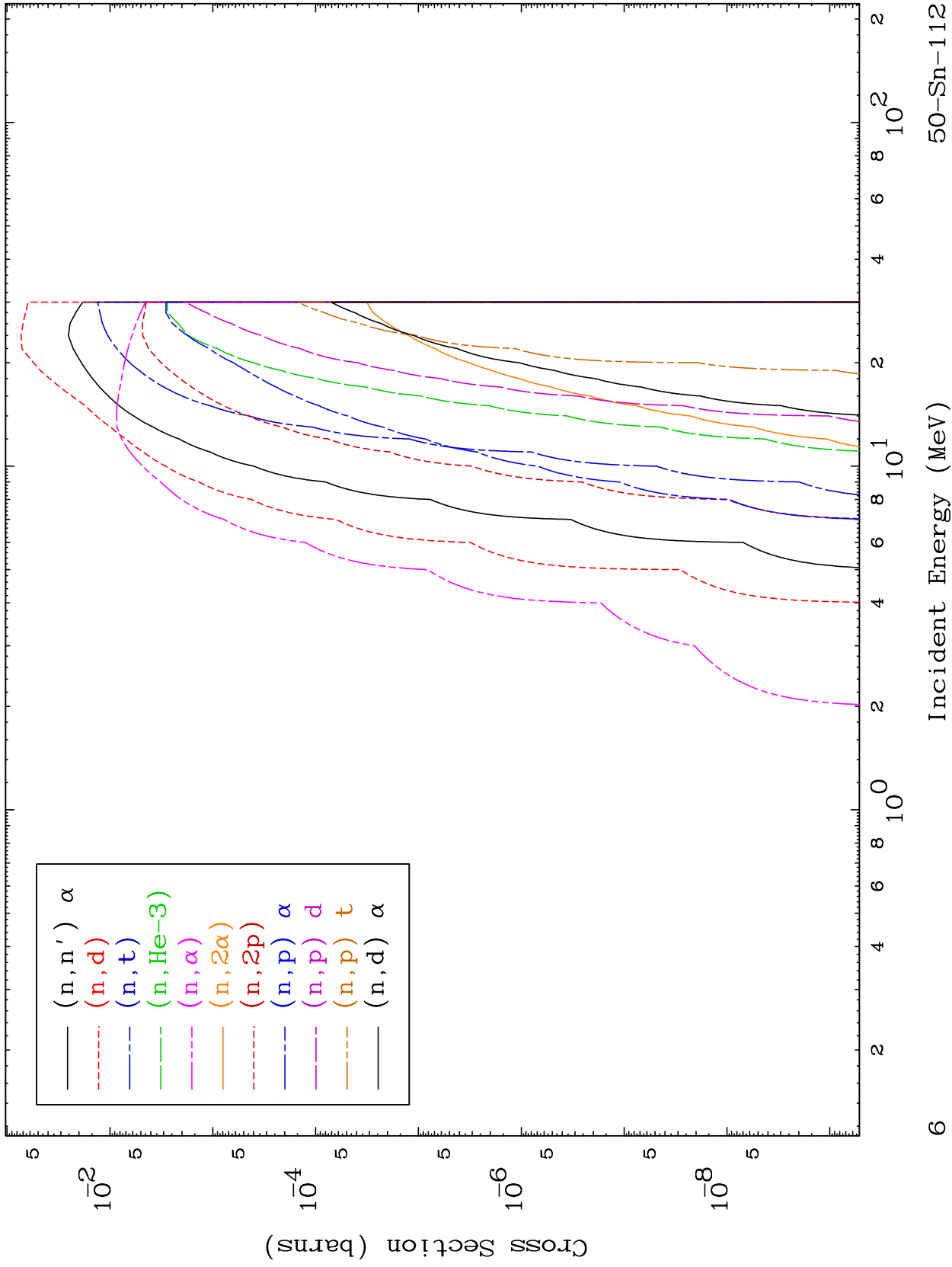


MAT 5025

Deuteron Charged Particle
0 Kelvin Cross Sections

50-Sn-112

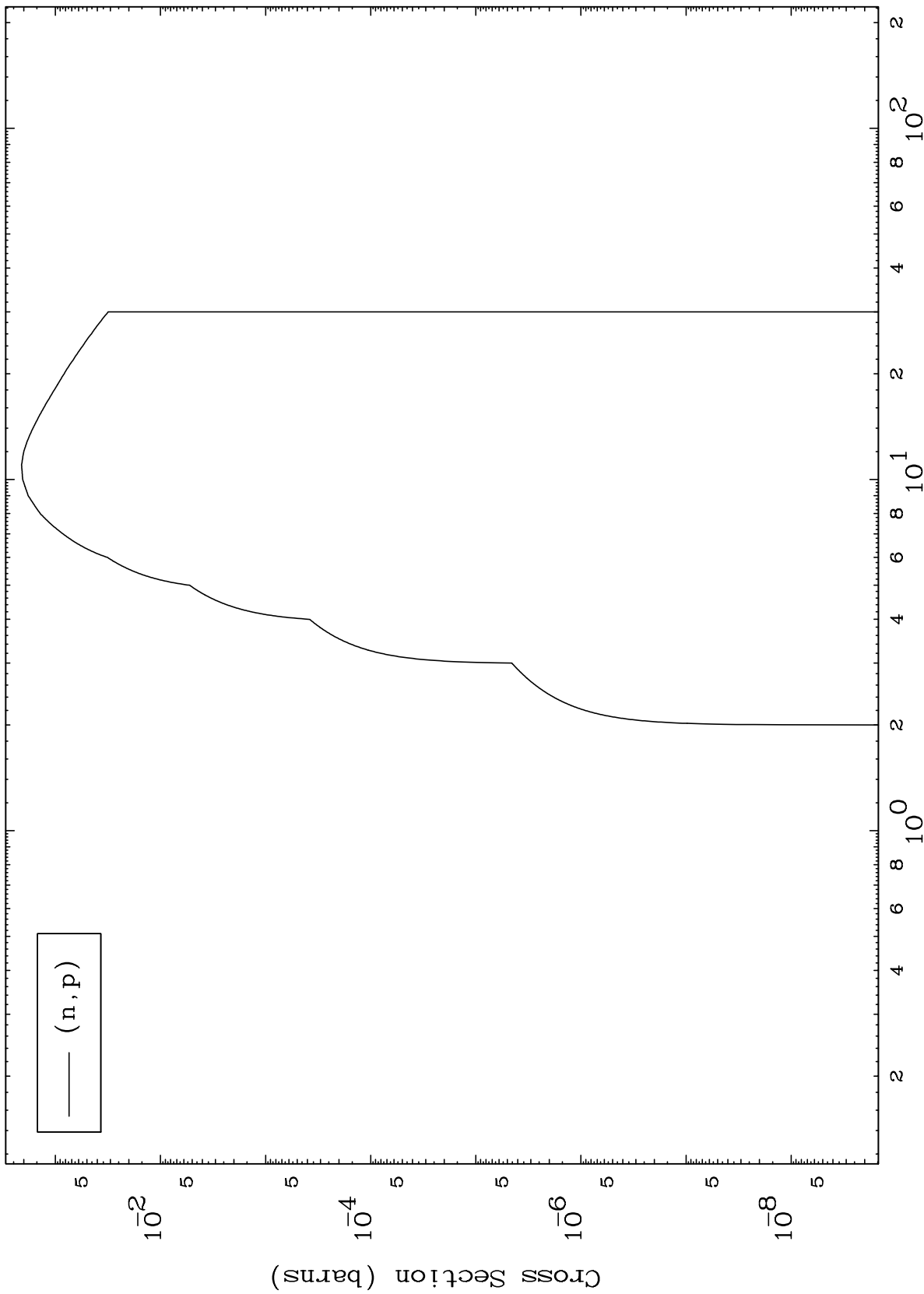




MAT 5025

50-Sn-112

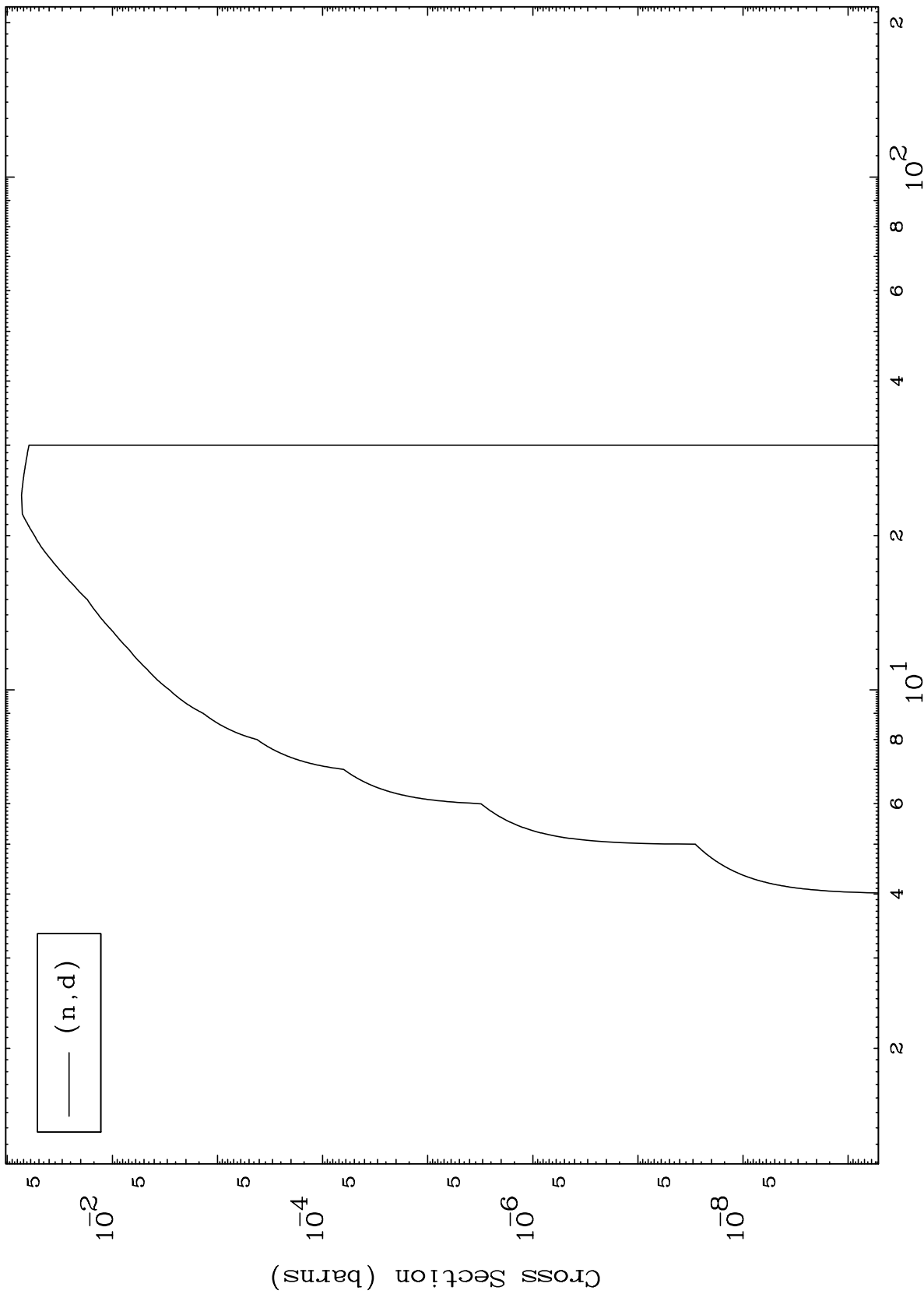
(d,p) Levels
0 Kelvin Cross Sections



MAT 5025

50-Sn-112

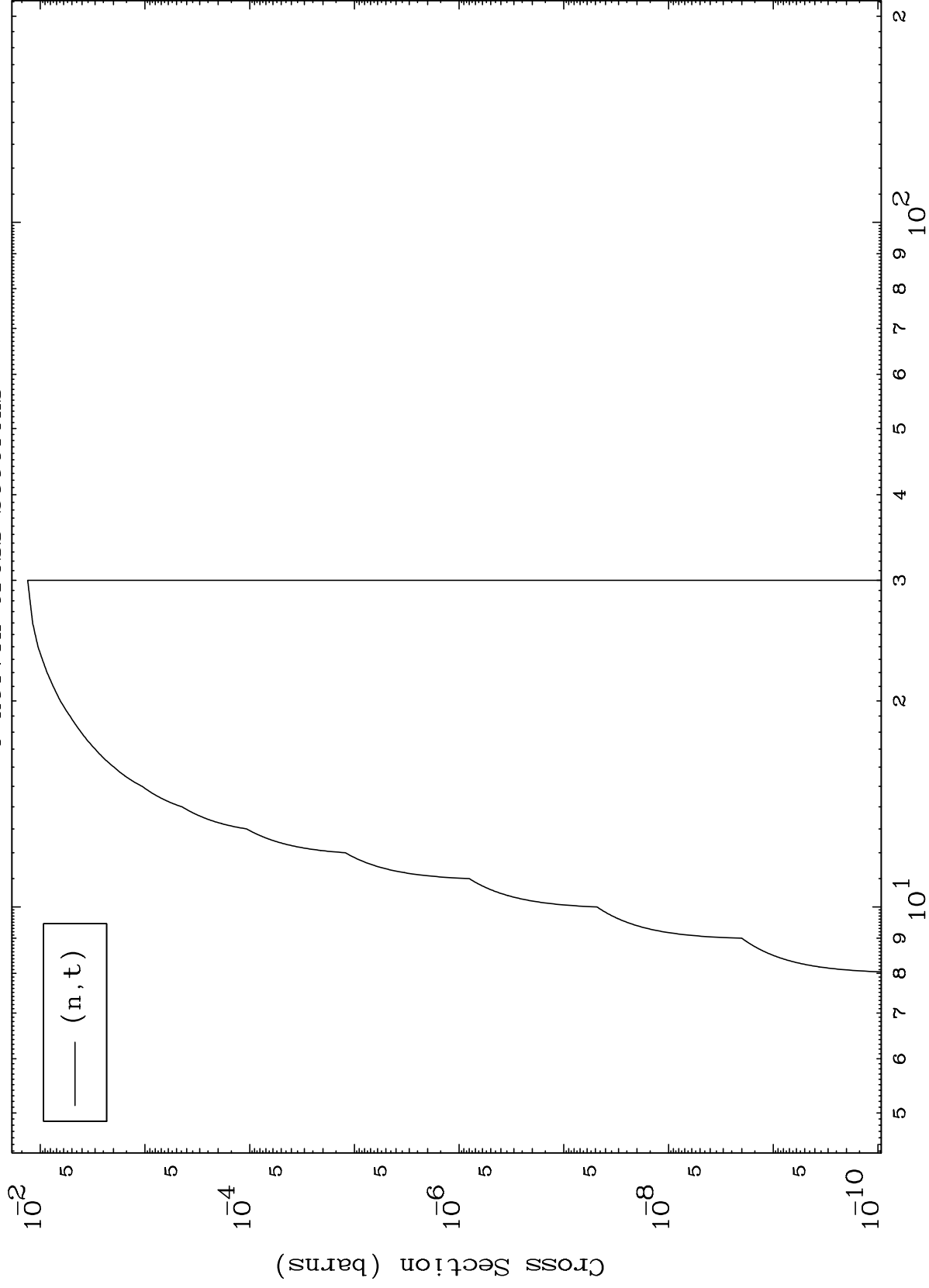
(d,d) Levels
0 Kelvin Cross Sections



MAT 5025

(d,t) Levels
0 Kelvin Cross Sections

50-Sn-112



9

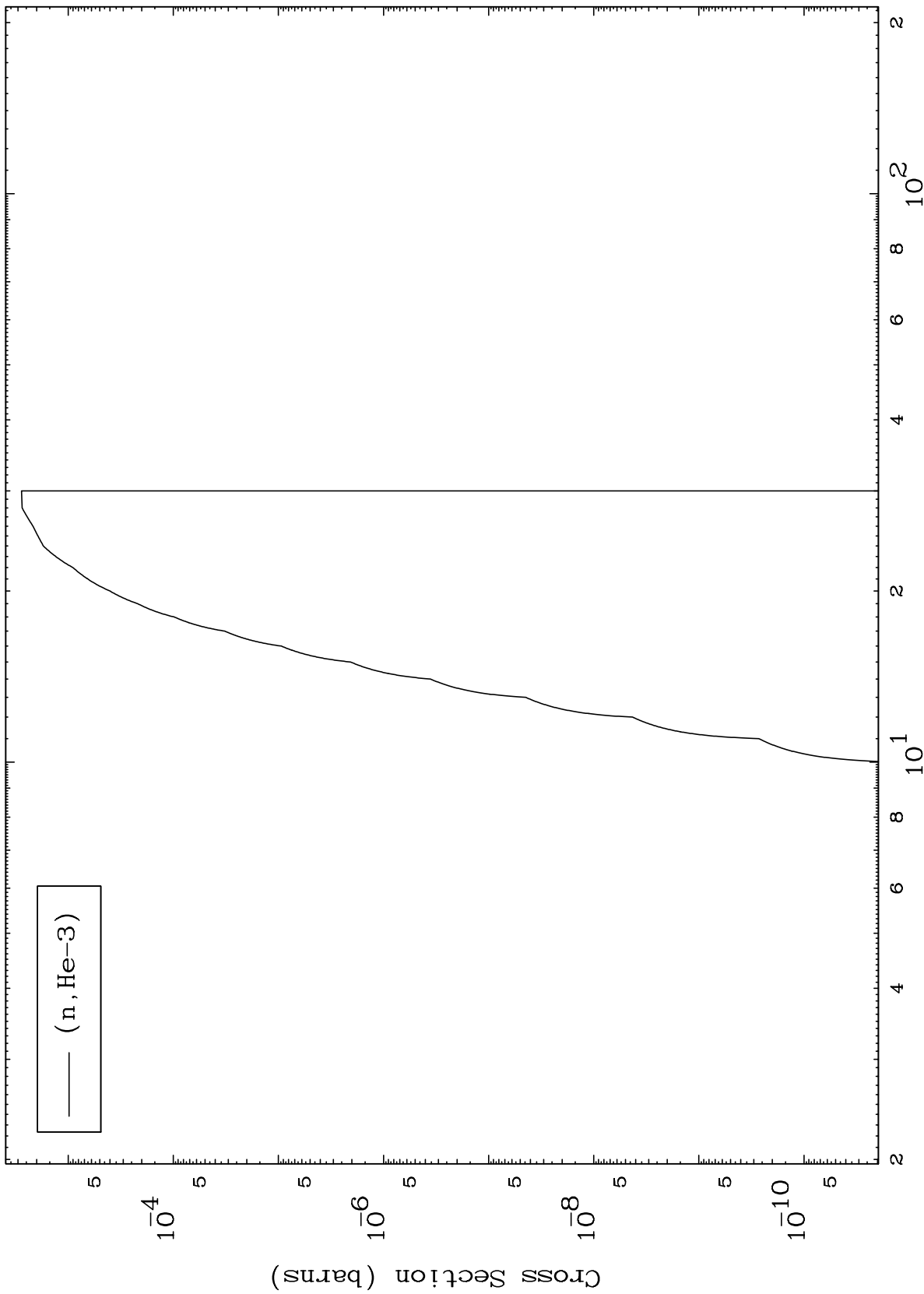
Incident Energy (MeV)

50-Sn-112

MAT 5025

50-Sn-112

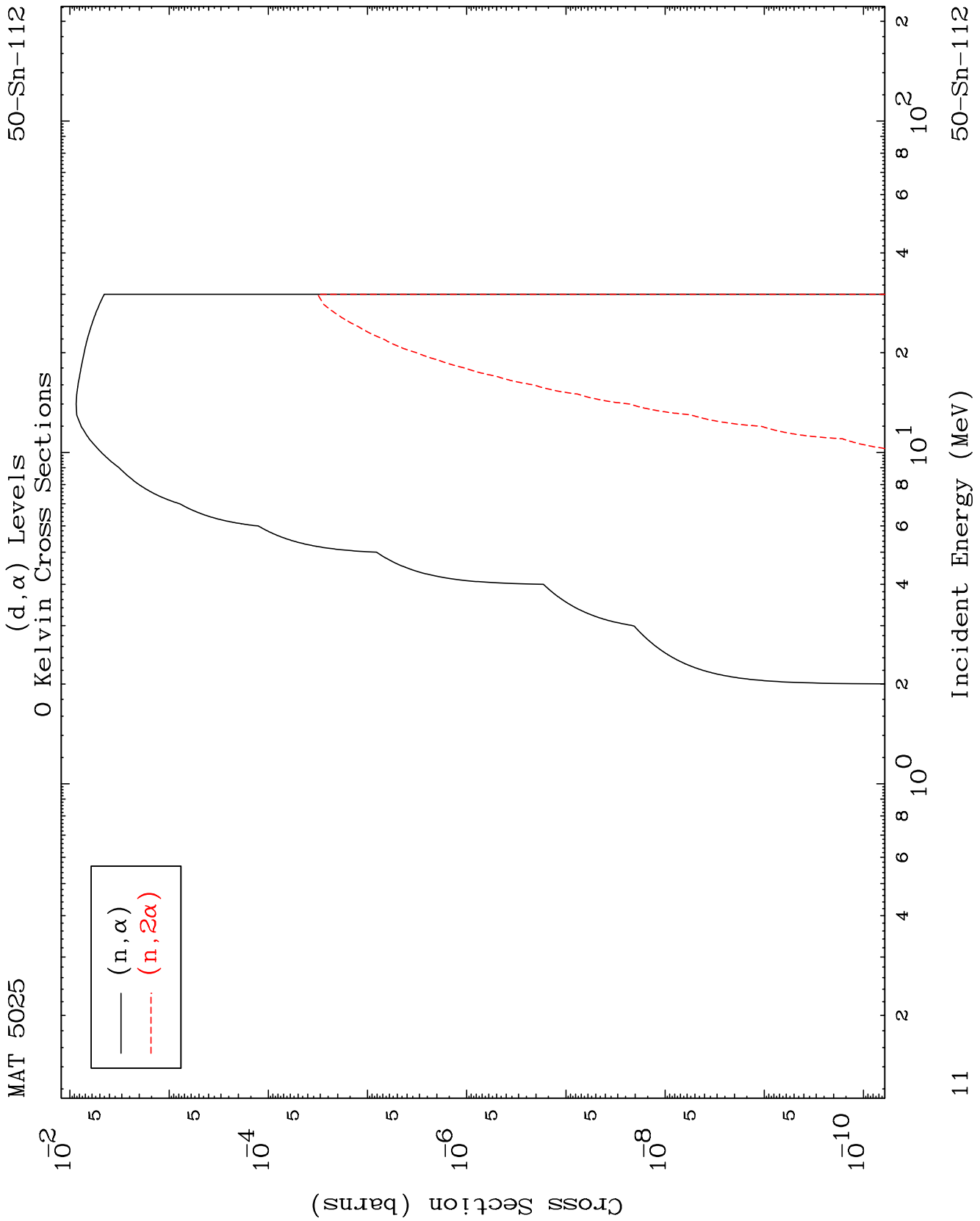
(d,He3) Levels
0 Kelvin Cross Sections



50-Sn-112

Incident Energy (MeV)

10

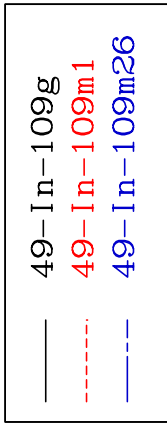
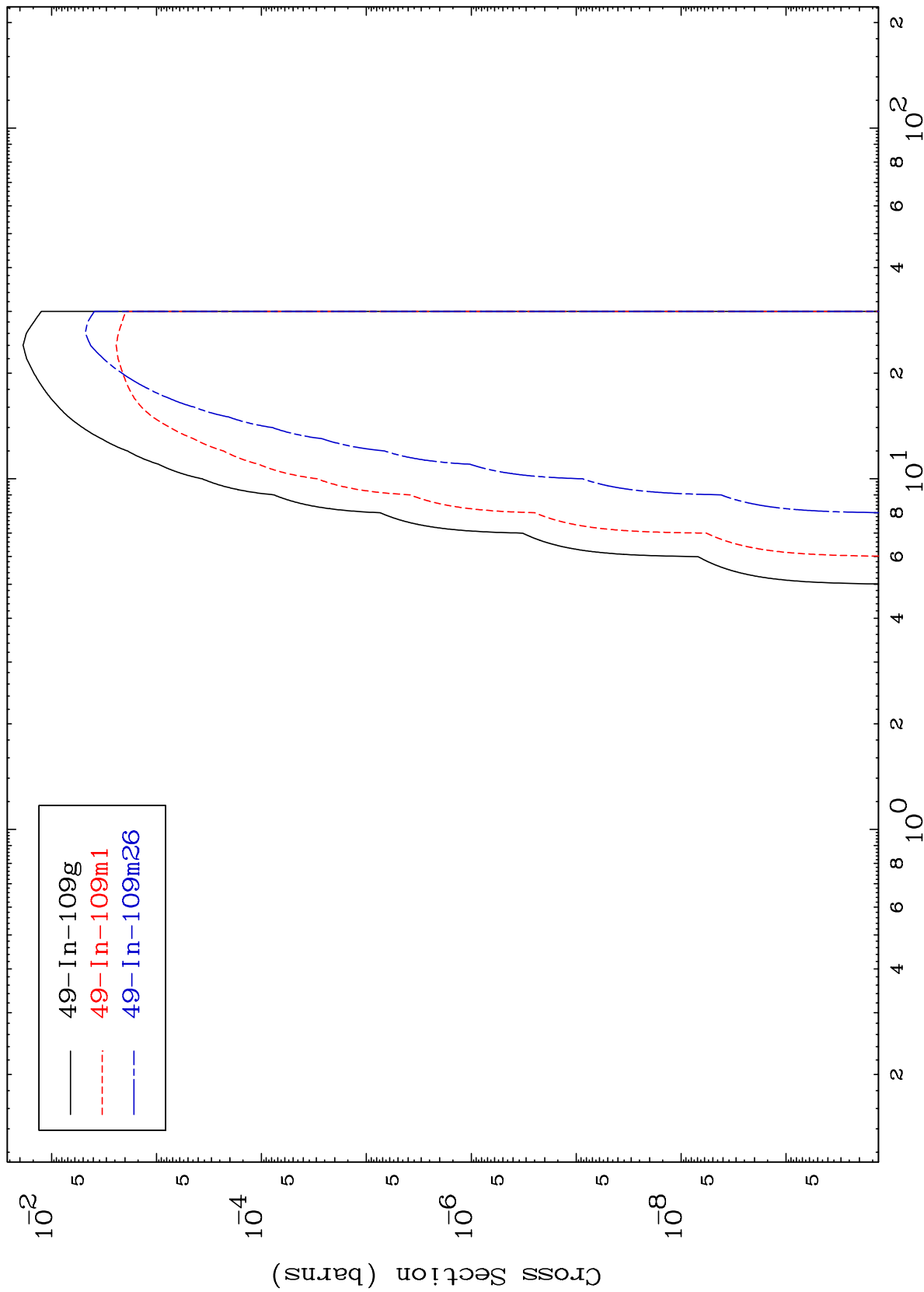


MAT 5025

50-Sn-112

$(n, n') \alpha$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

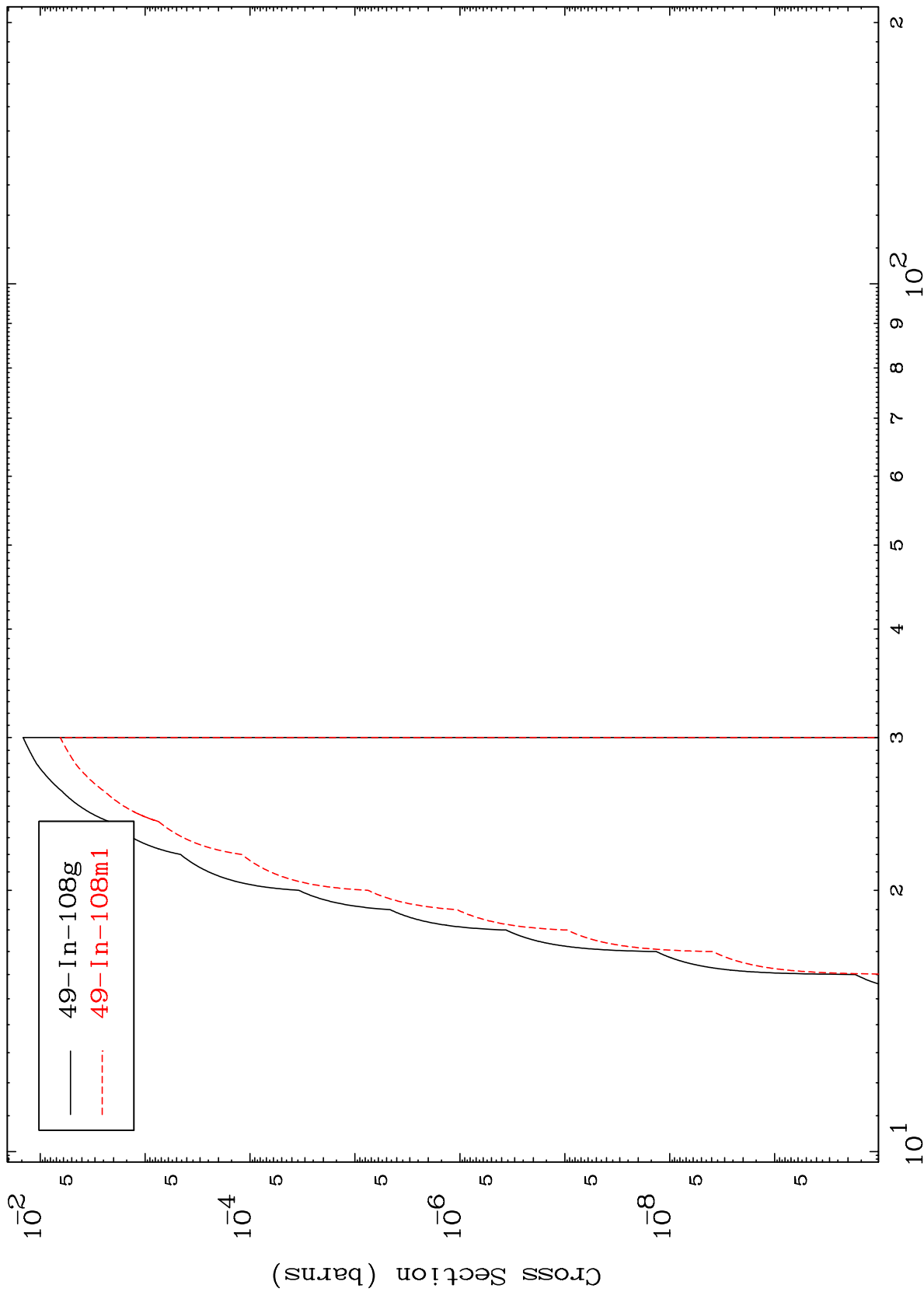
50-Sn-112

MAT 5025

(n,2n) α

50-Sn-112

Radionuclide Production Cross Section



Incident Energy (MeV)

50-Sn-112

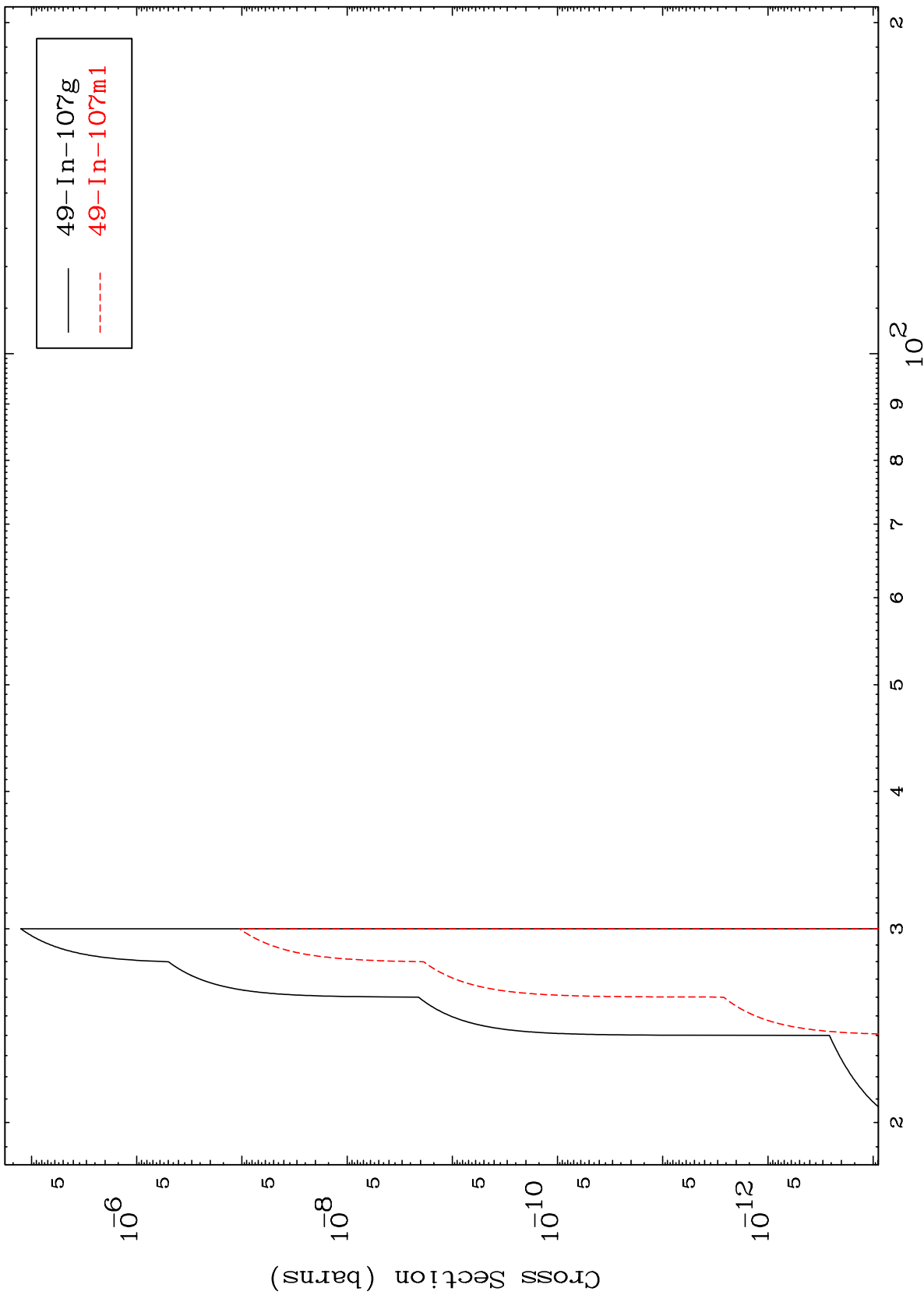
13

MAT 5025

(n,3n) α

50-Sn-112

Radionuclide Production Cross Section



14

Incident Energy (MeV)

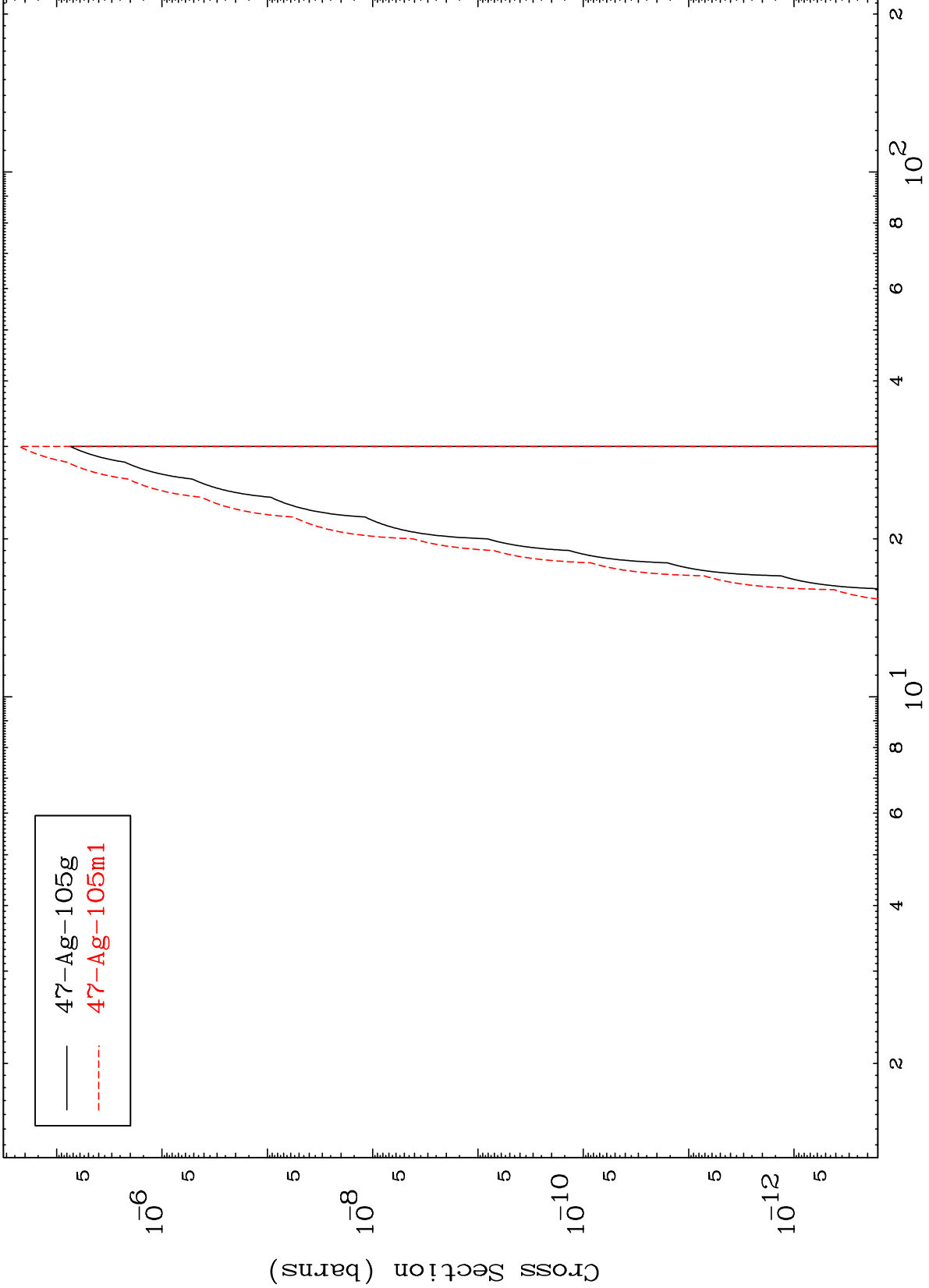
50-Sn-112

MAT 5025

(n,n') 2α

50-Sn-112

Radionuclide Production Cross Section



— 47-Ag-105g
- - - 47-Ag-105m1

15

Incident Energy (MeV)

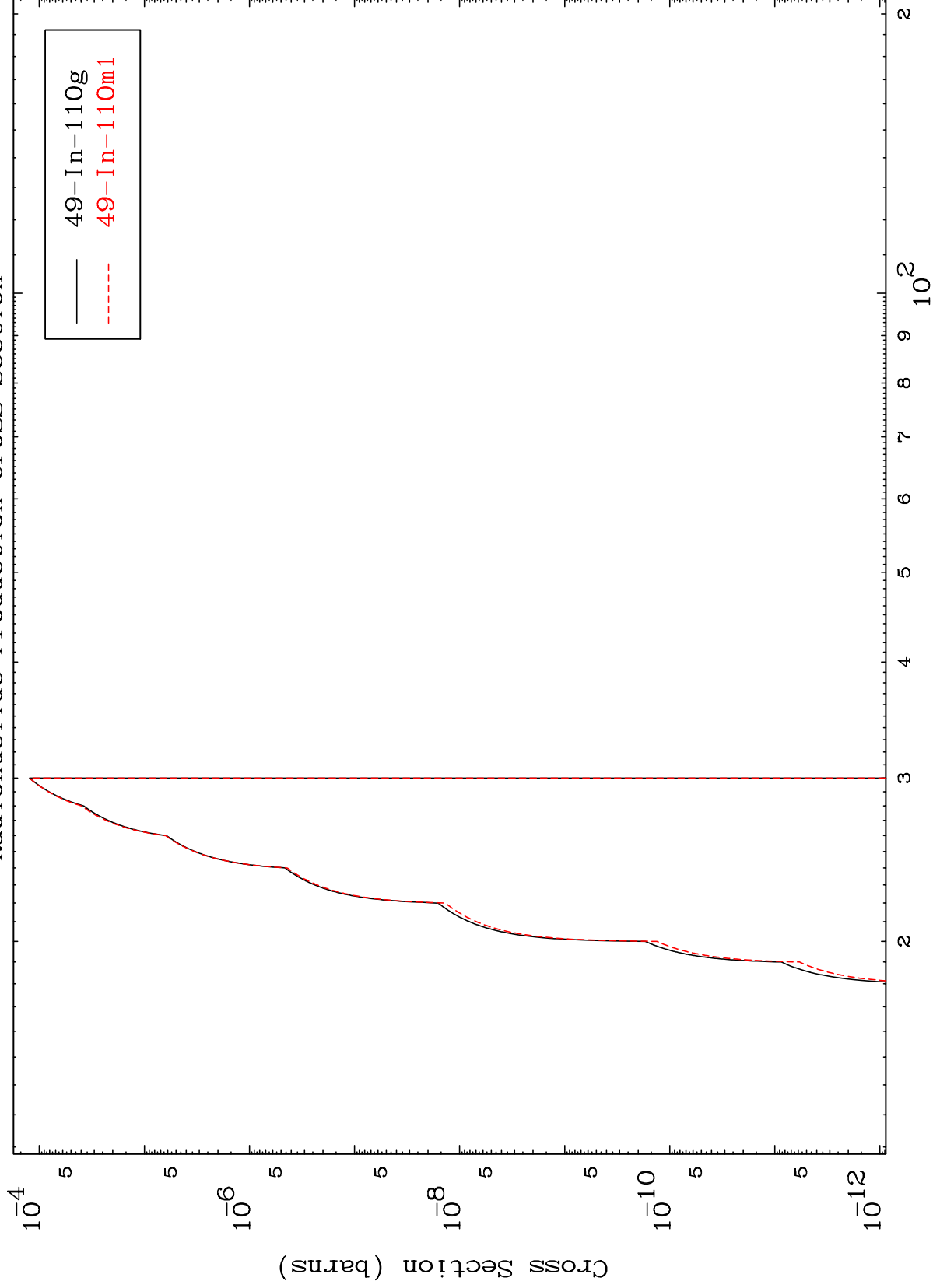
50-Sn-112

MAT 5025

(n,n') He-3

50-Sn-112

Radionuclide Production Cross Section



16

Incident Energy (MeV)

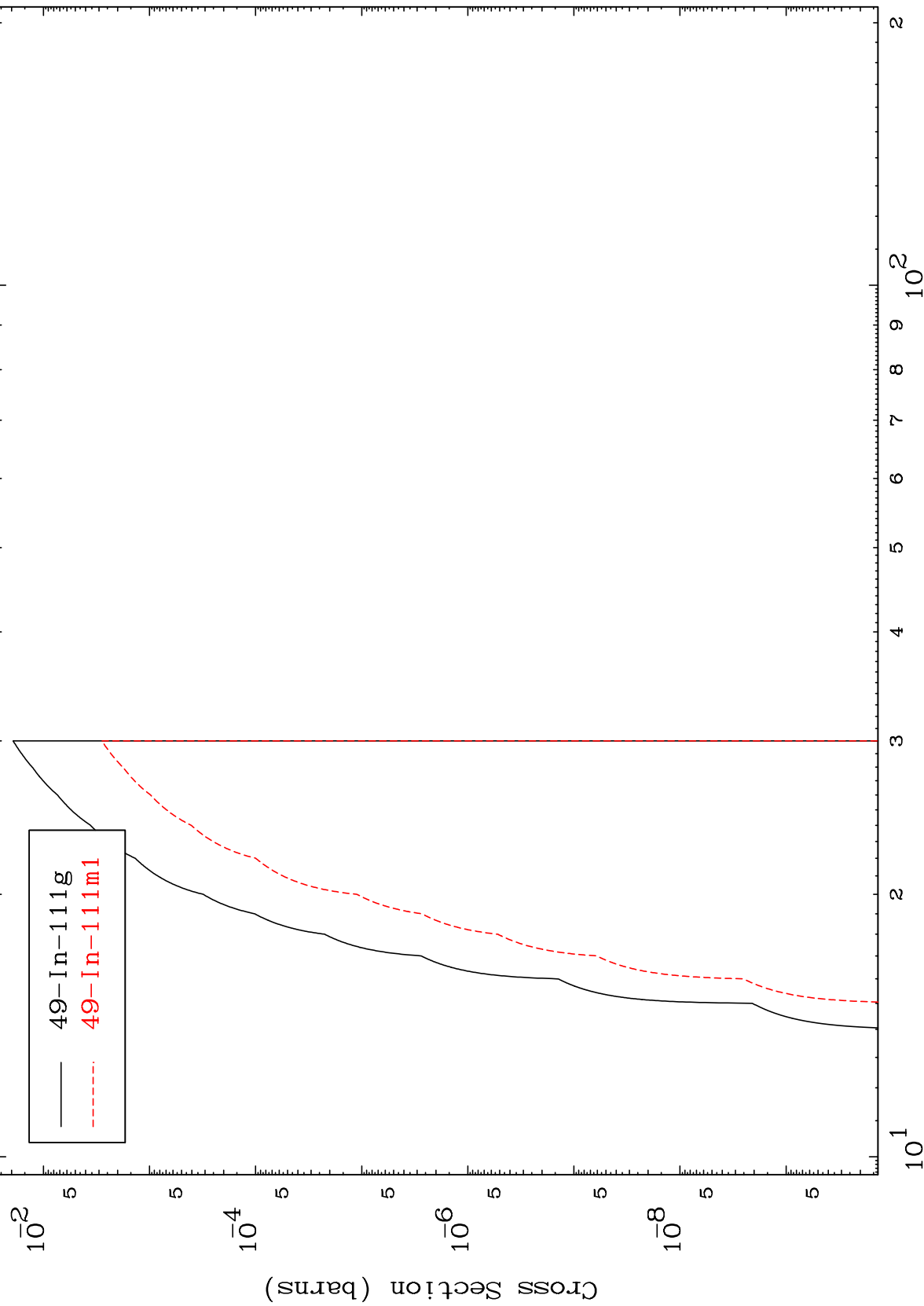
50-Sn-112

MAT 5025

(n,2n) p

50-Sn-112

Radionuclide Production Cross Section



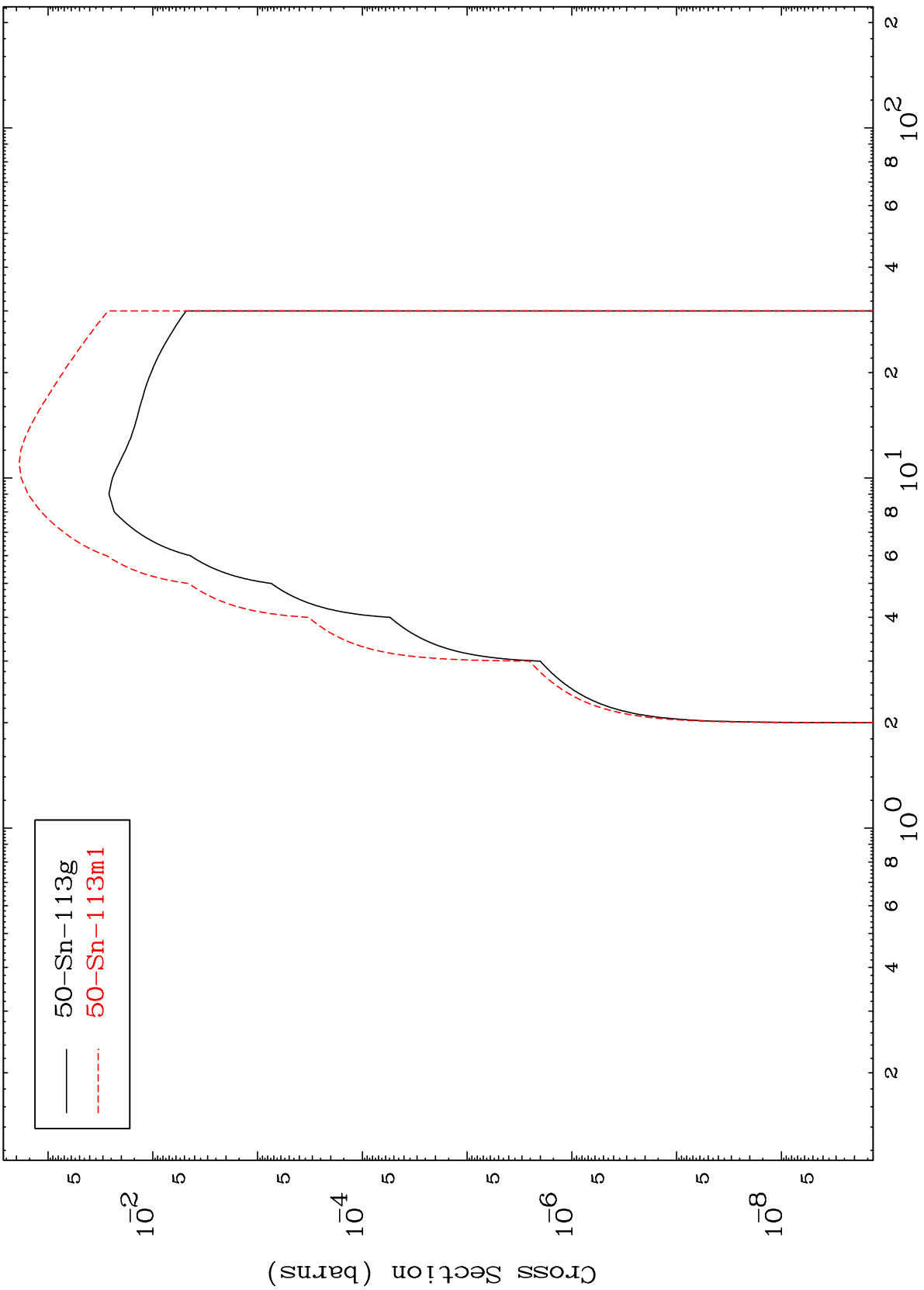
Incident Energy (MeV)

50-Sn-112

MAT 5025

50-Sn-112

(n,p)
Radionuclide Production Cross Section



18

50-Sn-112

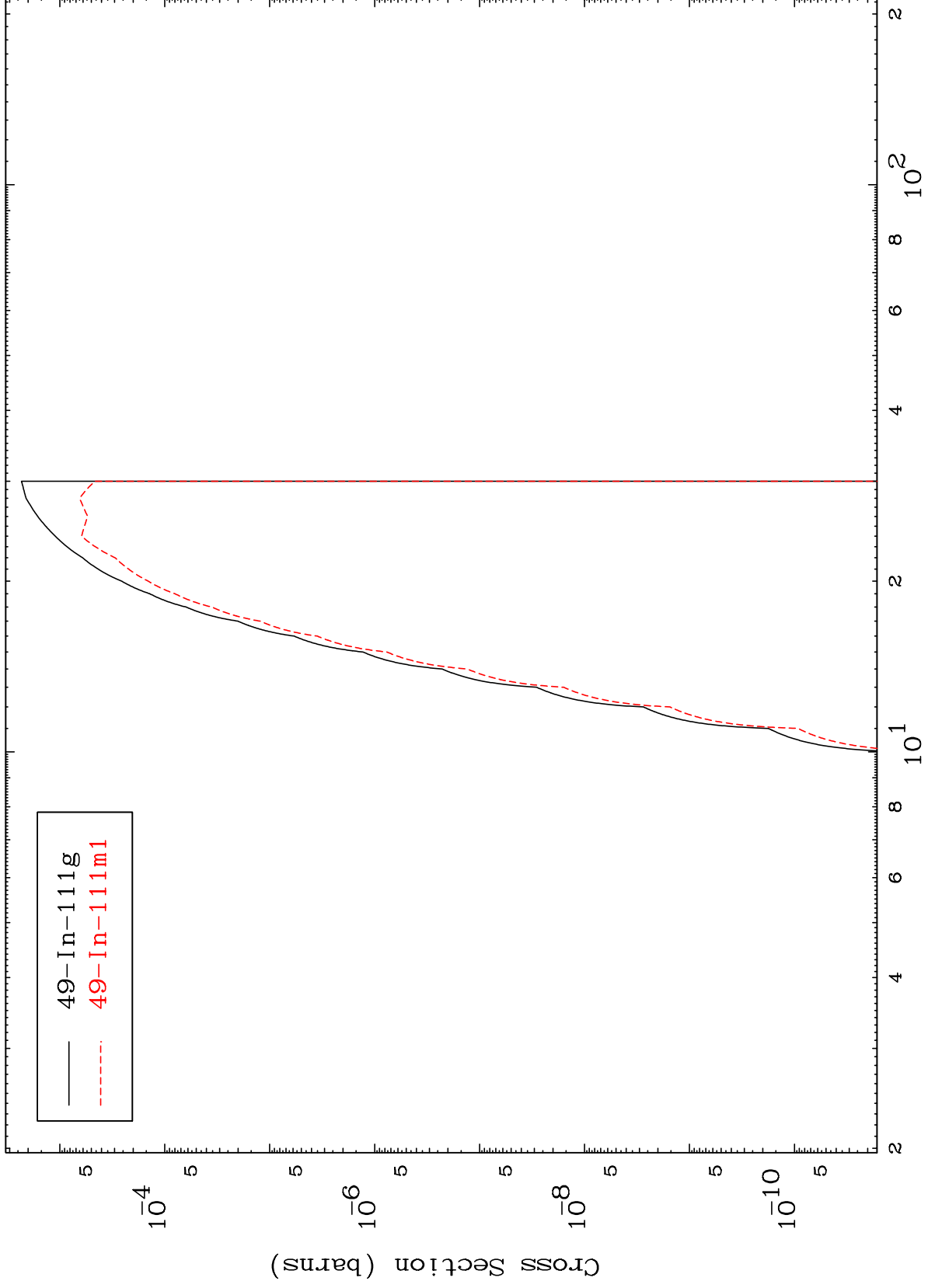
Incident Energy (MeV)

MAT 5025

(n,He-3)

50-Sn-112

Radionuclide Production Cross Section



19

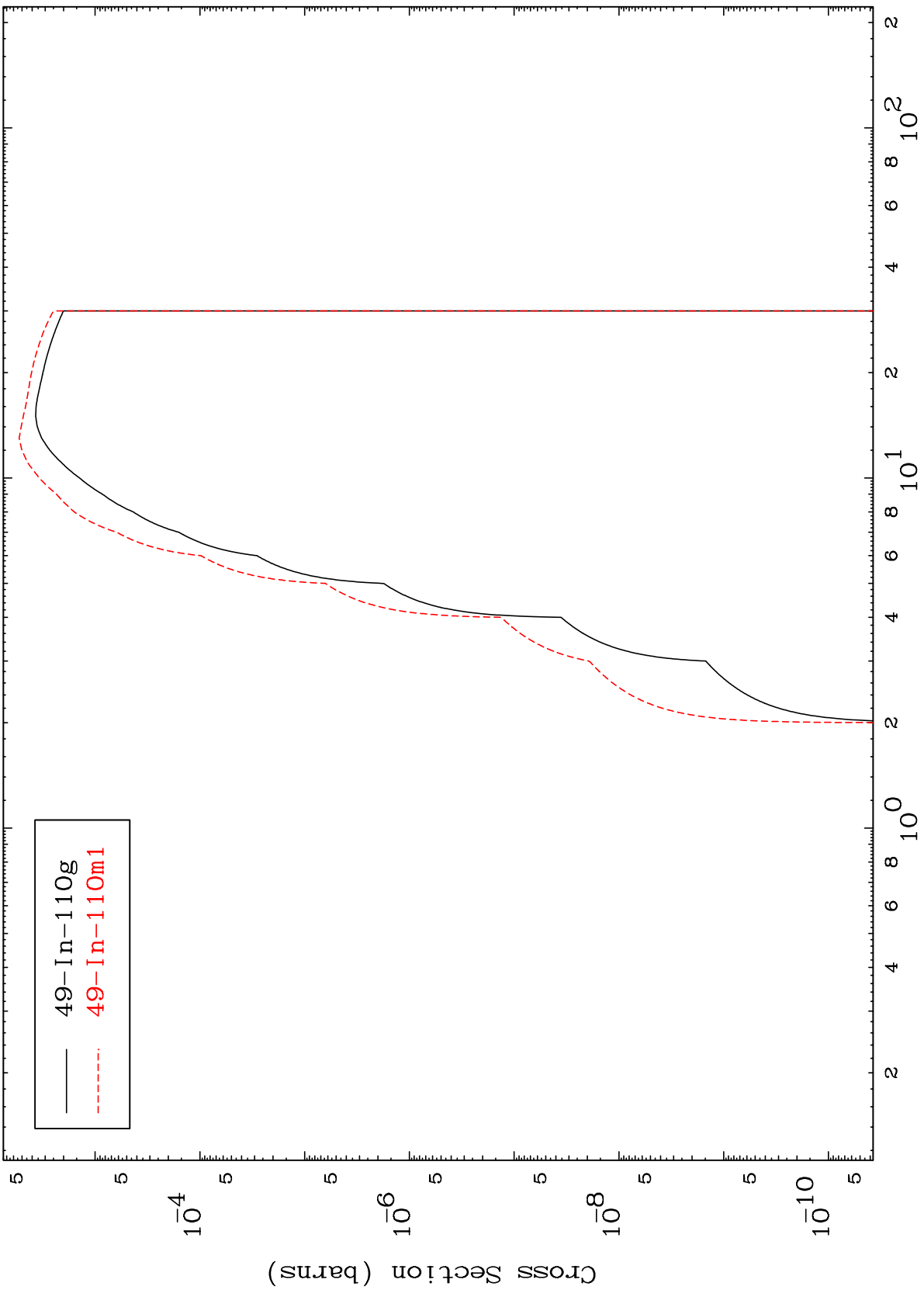
Incident Energy (MeV)

50-Sn-112

MAT 5025

50-Sn-112

(n, α)
Radionuclide Production Cross Section



20

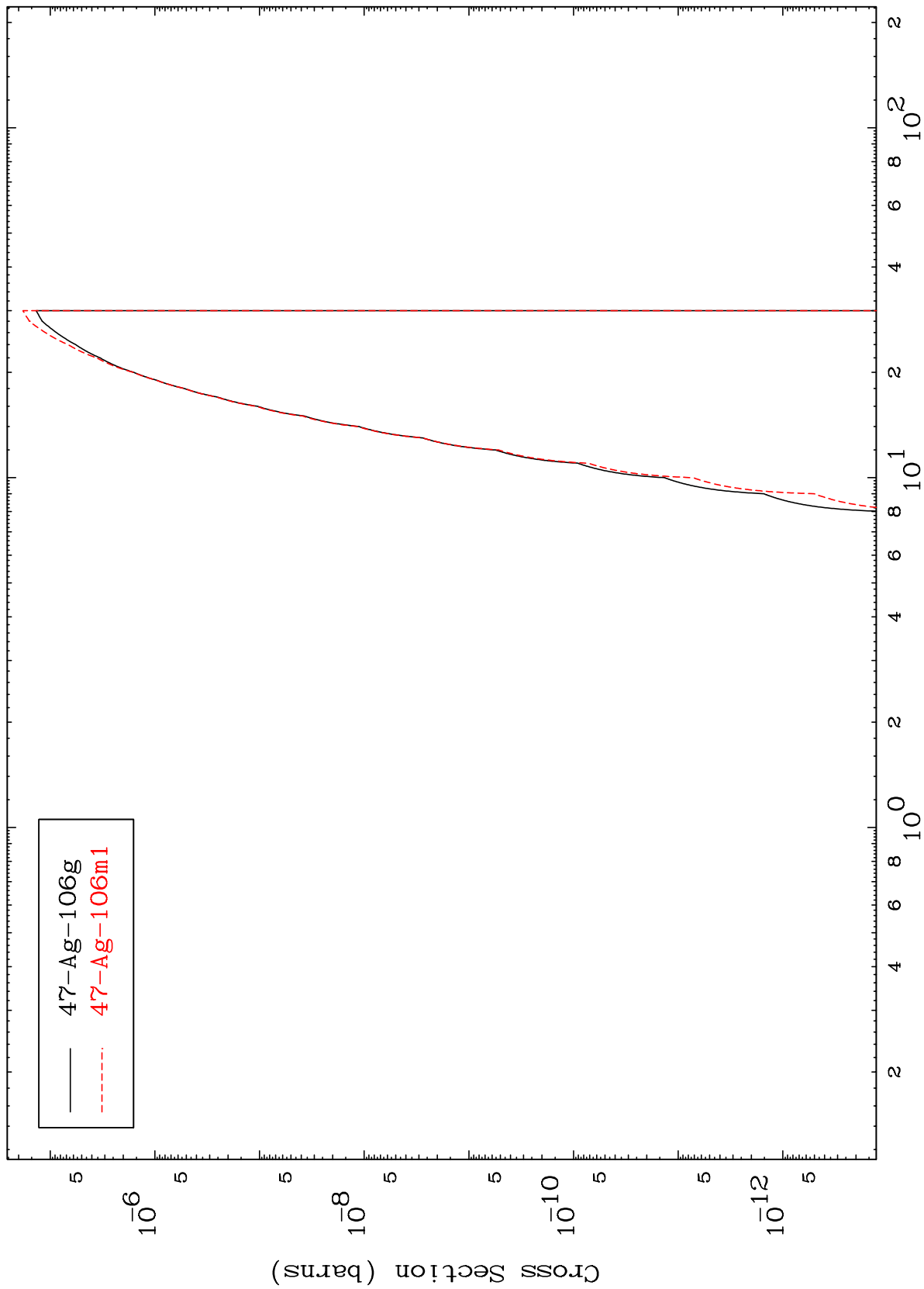
50-Sn-112

Incident Energy (MeV)

MAT 5025

50-Sn-112

Radionuclide Production Cross Section
(n,2 α)



— 47-Ag-106g
- - - 47-Ag-106m1

50-Sn-112

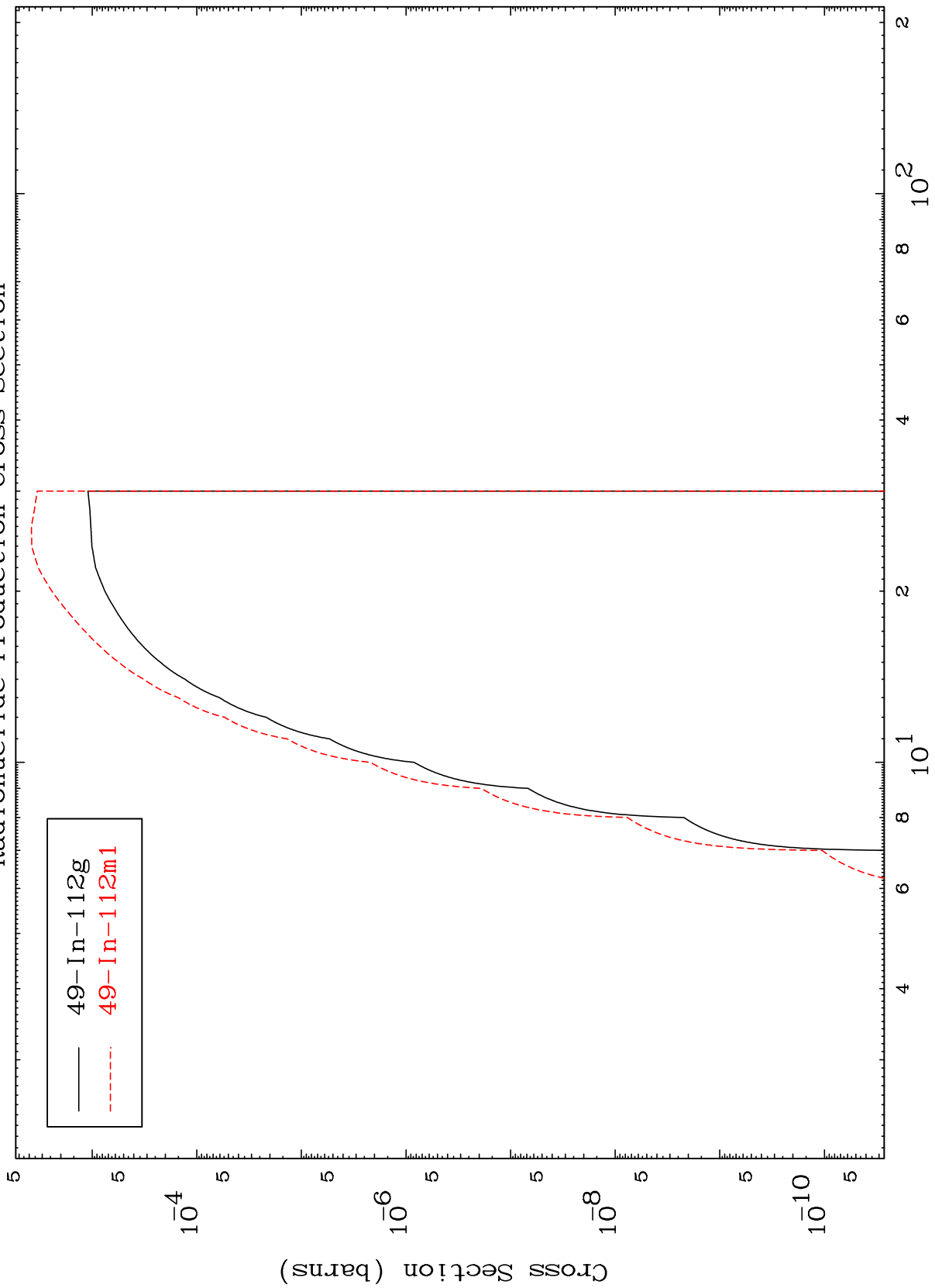
Incident Energy (MeV)

21

MAT 5025

50-Sn-112

(n,2p)
Radionuclide Production Cross Section



50-Sn-112

Incident Energy (MeV)

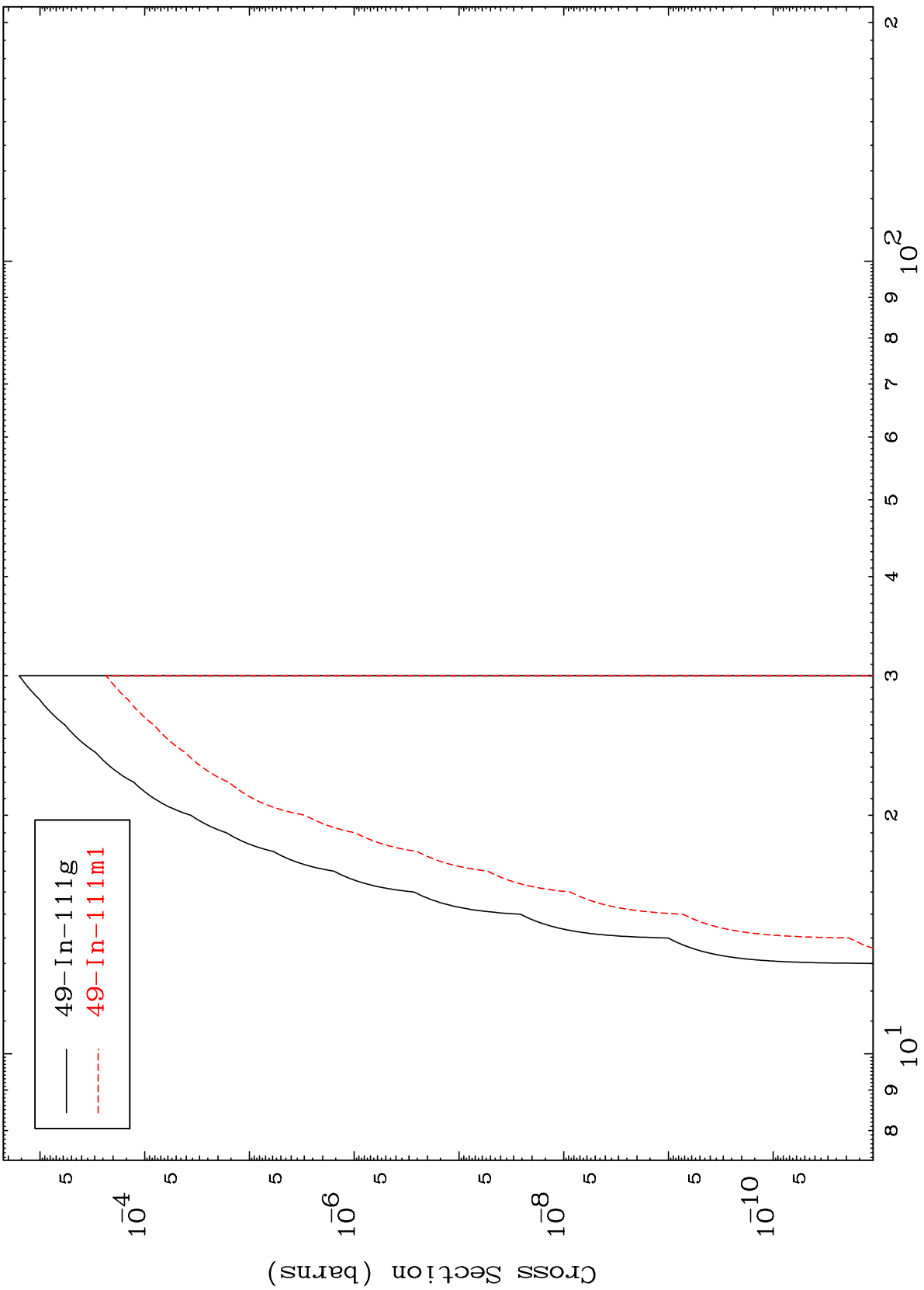
22

MAT 5025

(n,p) d

50-Sn-112

Radionuclide Production Cross Section



23

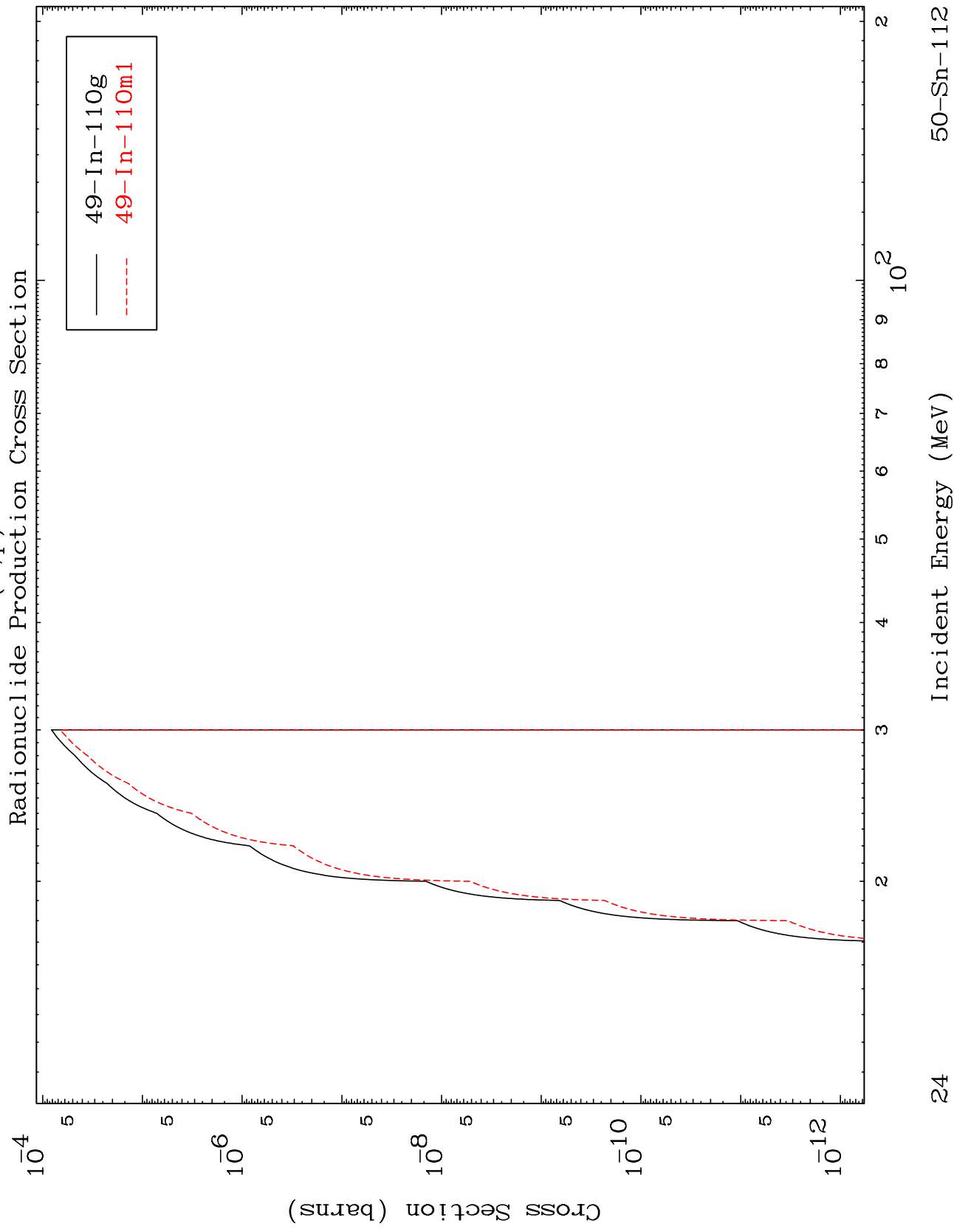
Incident Energy (MeV)

50-Sn-112

MAT 5025

(n,p) t

50-Sn-112



24

50-Sn-112