

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

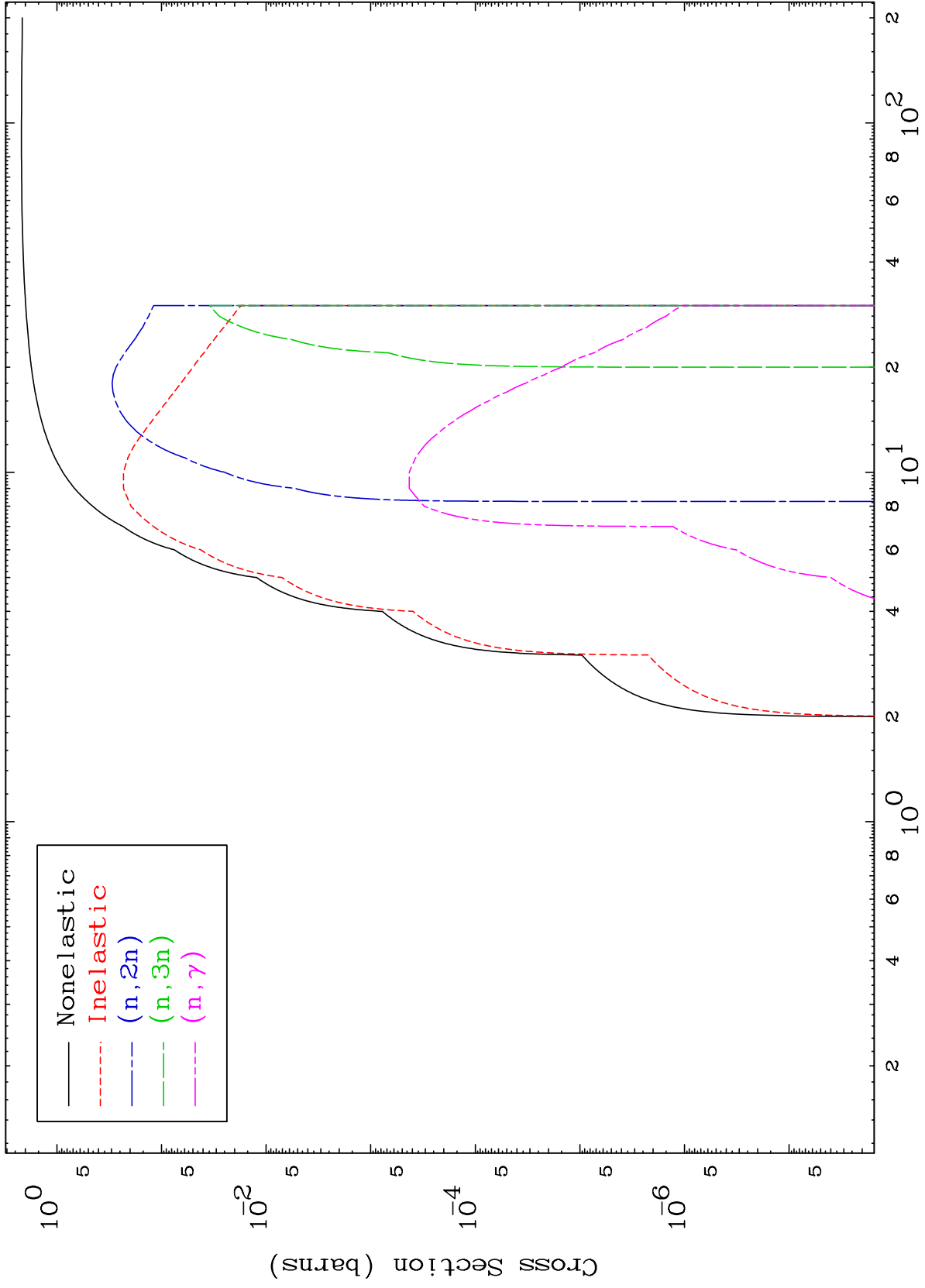
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E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

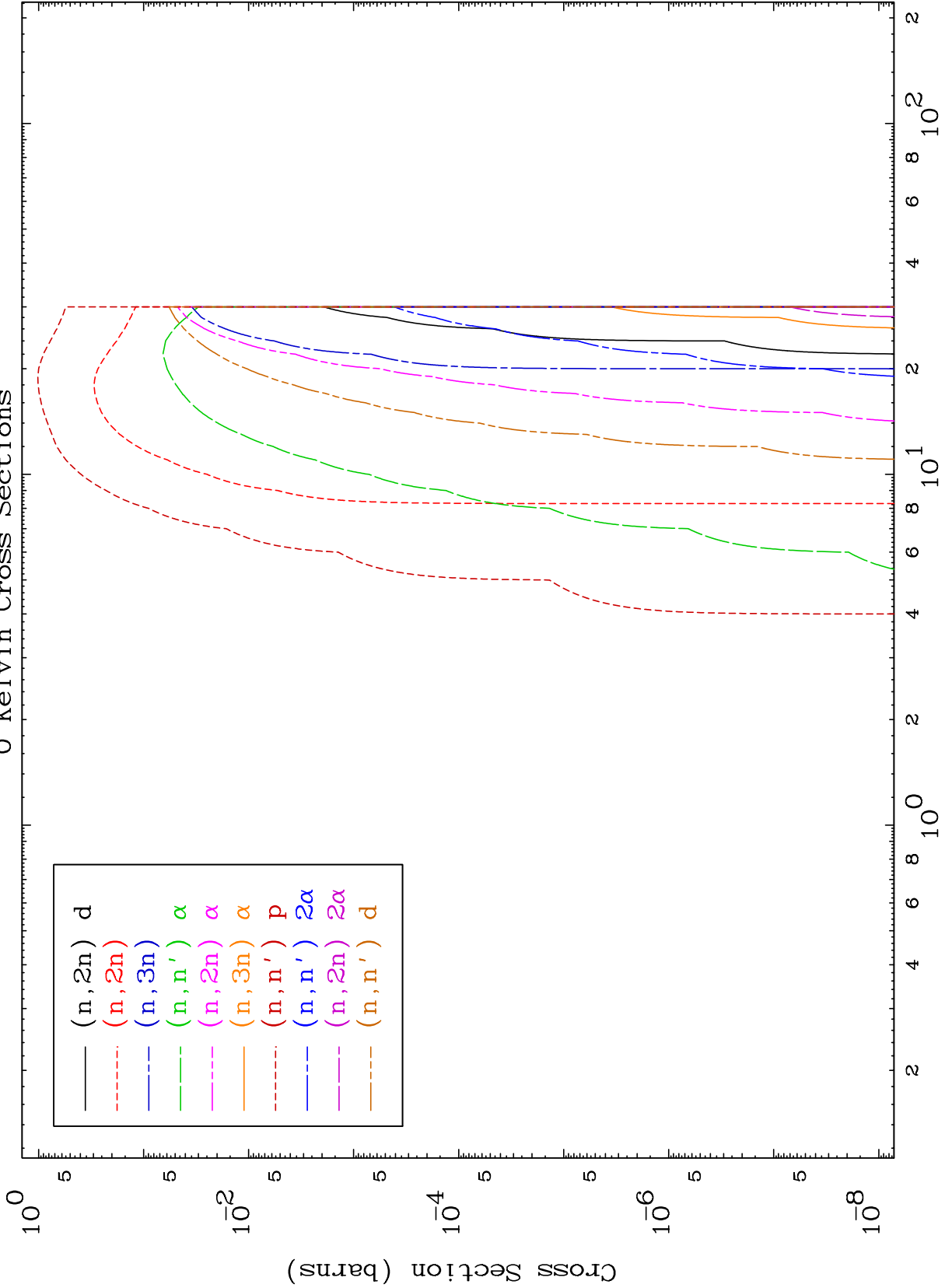
Press Mouse Button to Start



MAT 5022

Deuteron Neutron Absorption
0 Kelvin Cross Sections

50-Sn-111



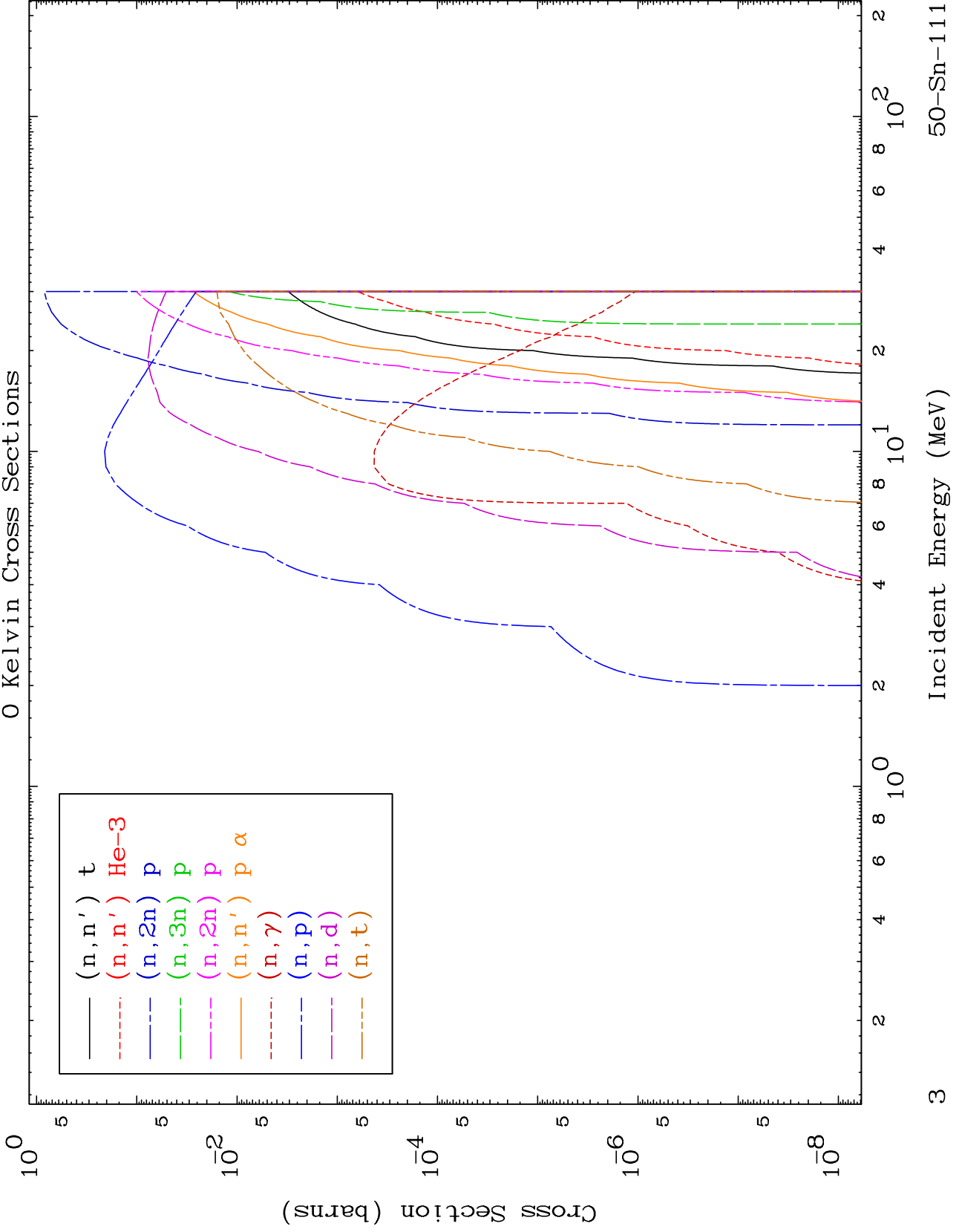
50-Sn-111

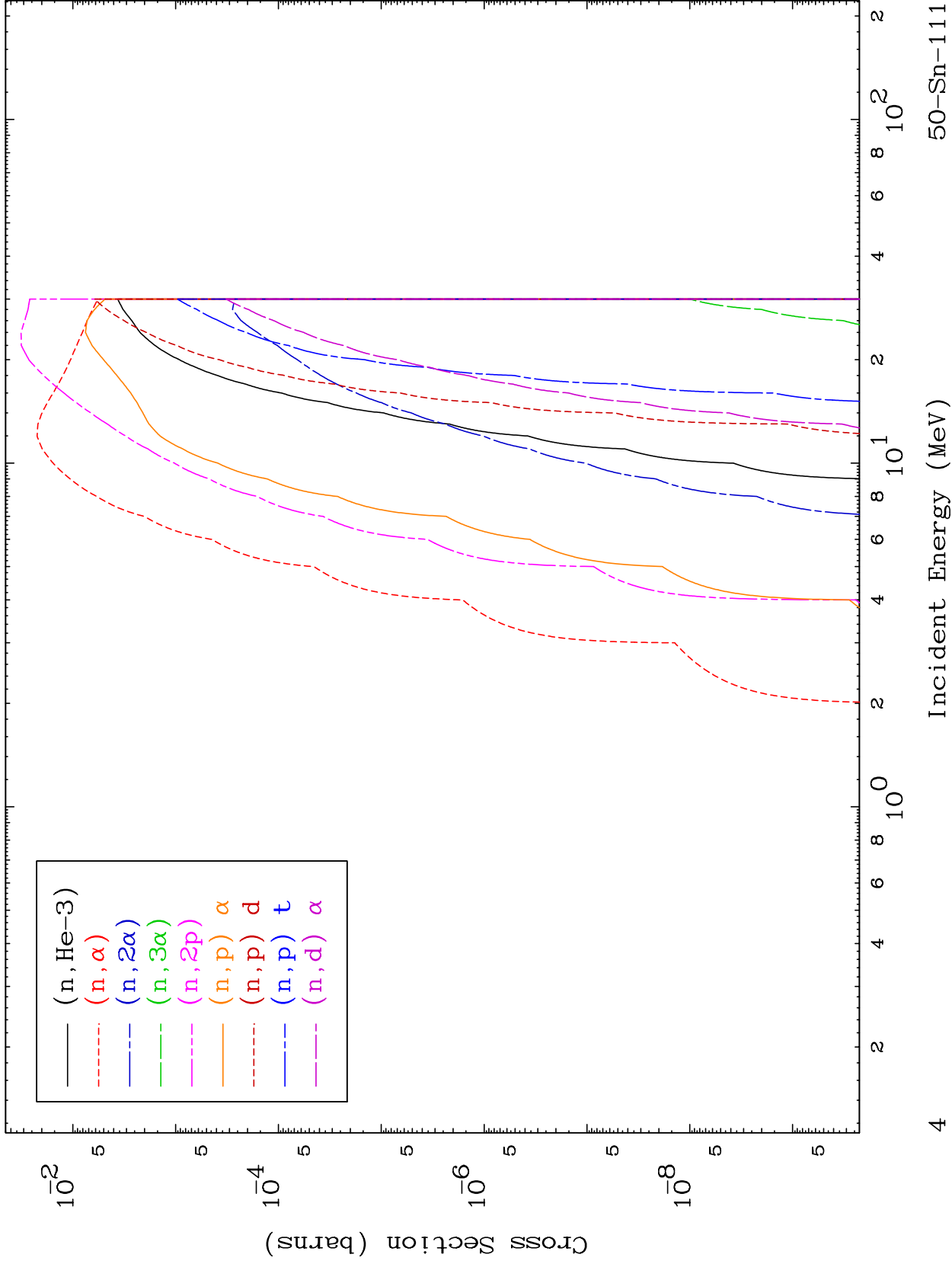
Incident Energy (MeV)

MAT 5022

Deuteron Neutron Absorption
0 Kelvin Cross Sections

50-Sn-111

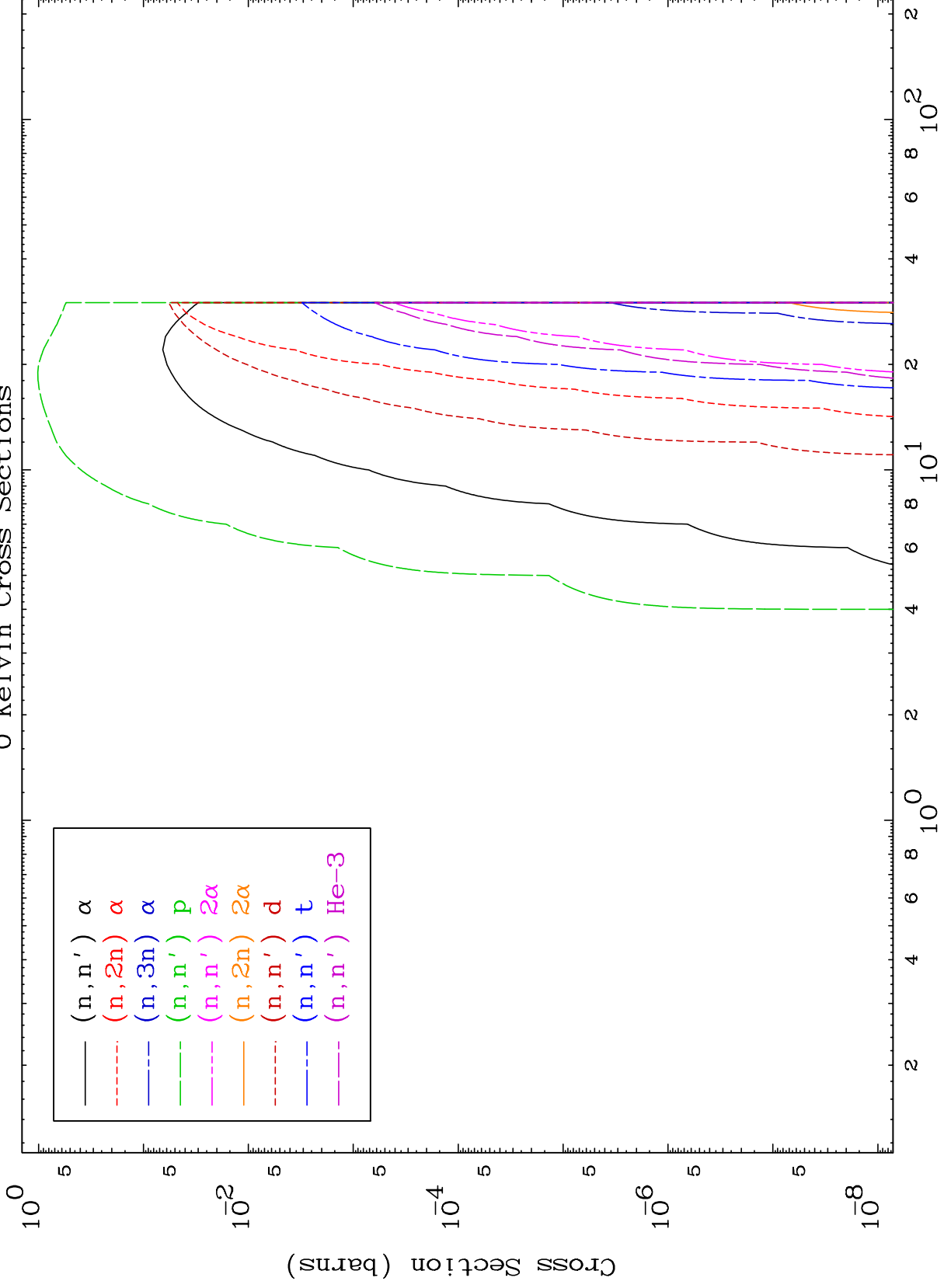




MAT 5022

Deuteron Charged Particle
0 Kelvin Cross Sections

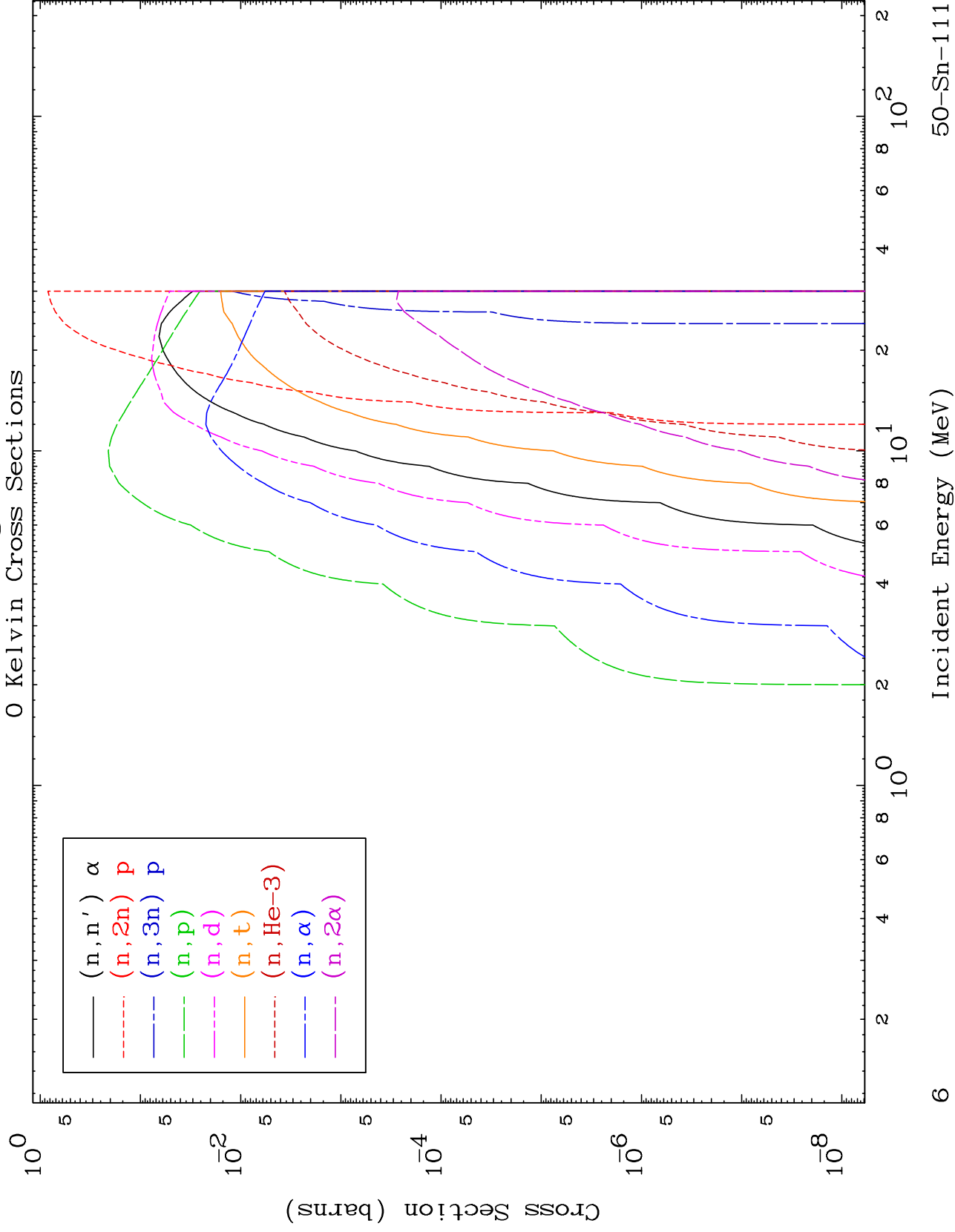
50-Sn-111

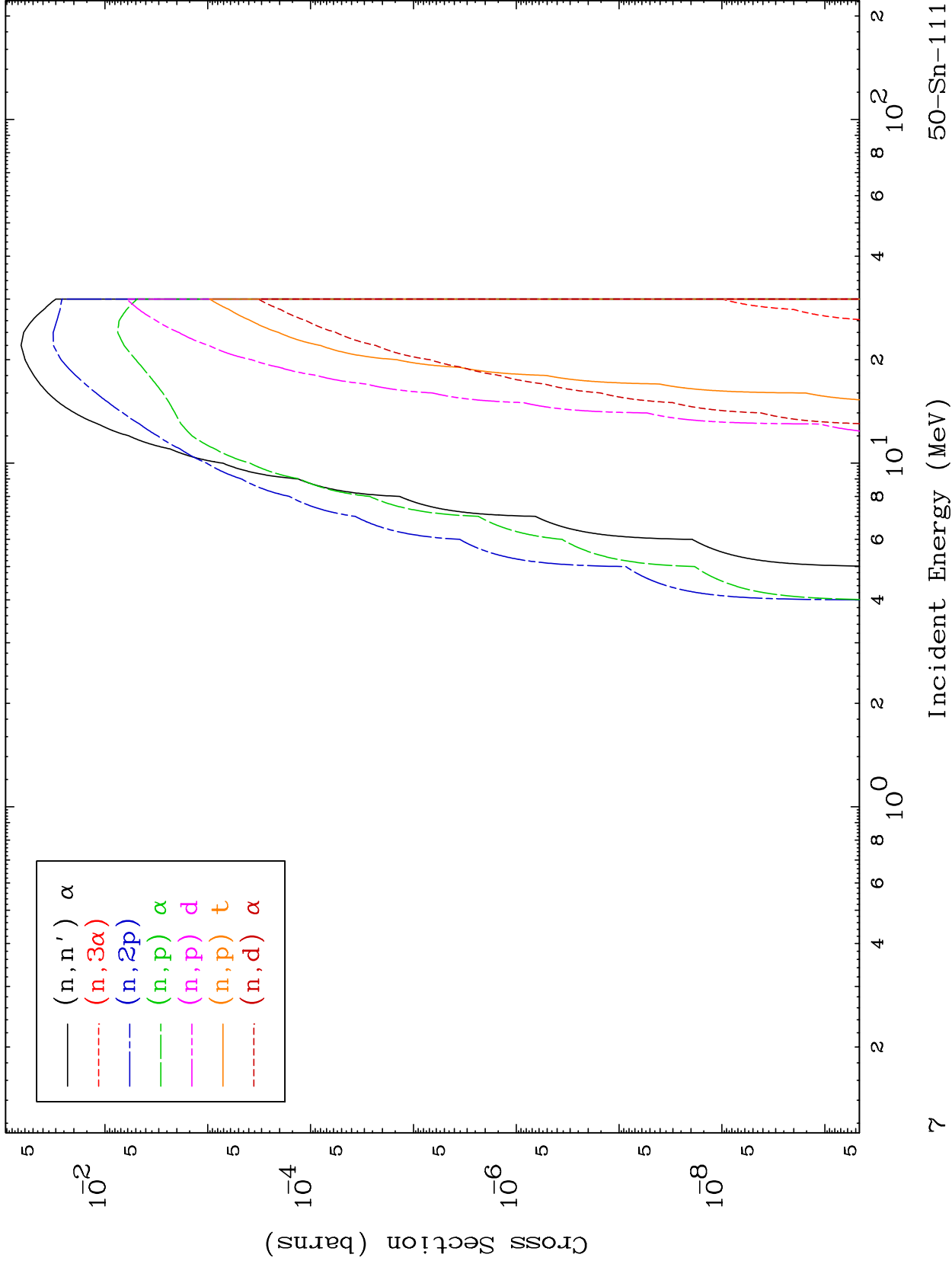


MAT 5022

Deuteron Charged Particle
0 Kelvin Cross Sections

50-Sn-111

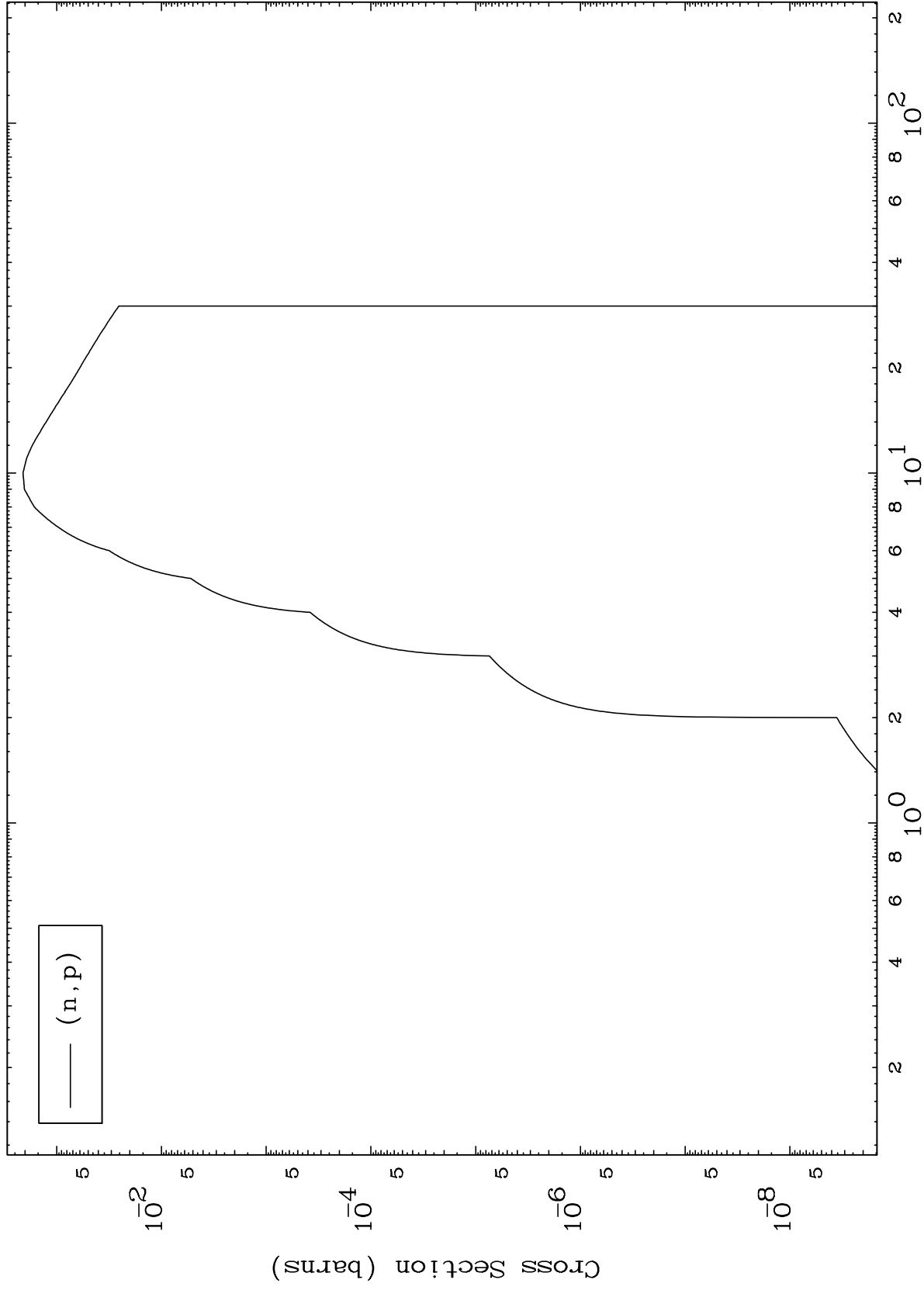




MAT 5022

50-Sn-111

(d,p) Levels
0 Kelvin Cross Sections



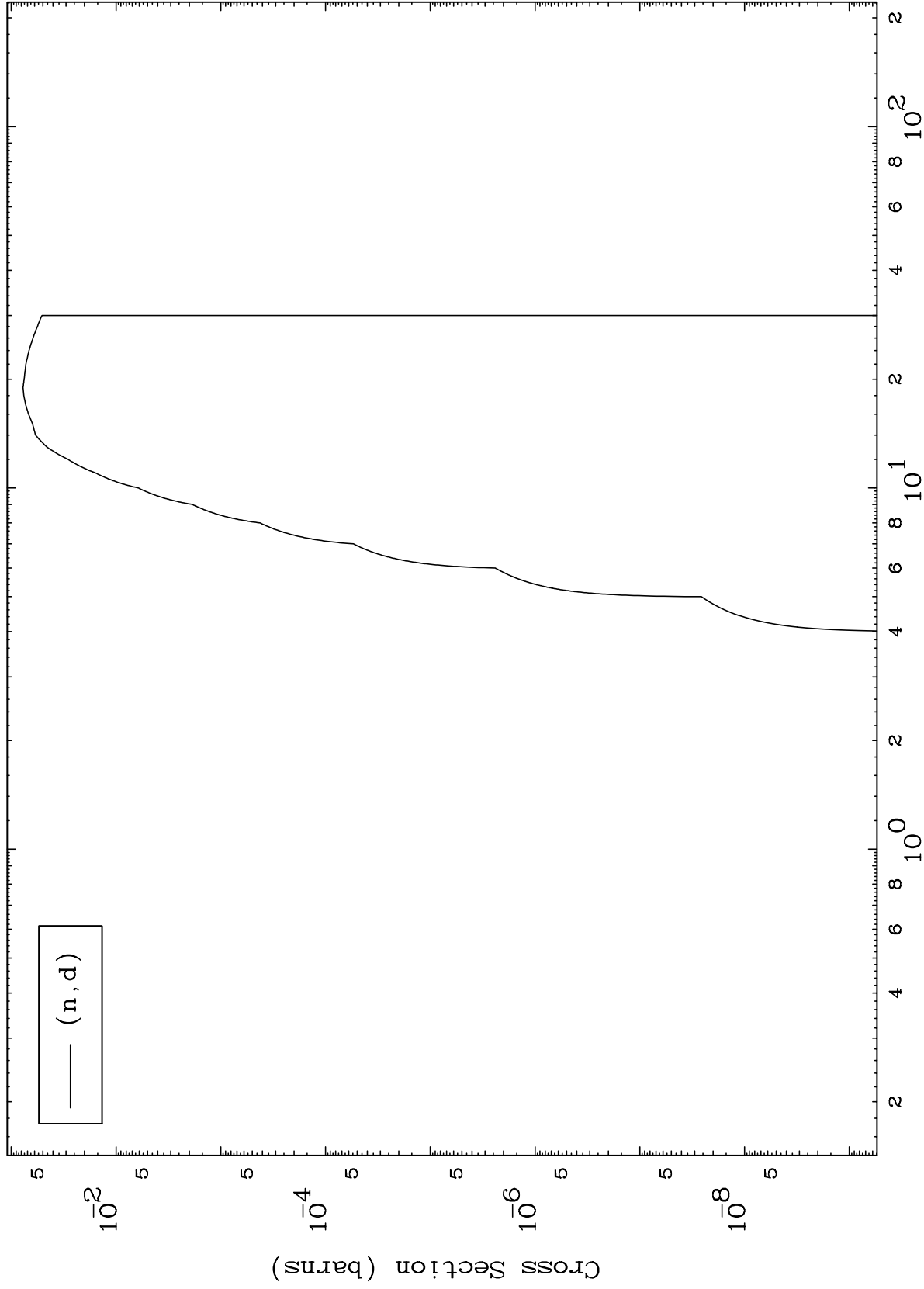
50-Sn-111

Incident Energy (MeV)

MAT 5022

50-Sn-111

(d,d) Levels
0 Kelvin Cross Sections



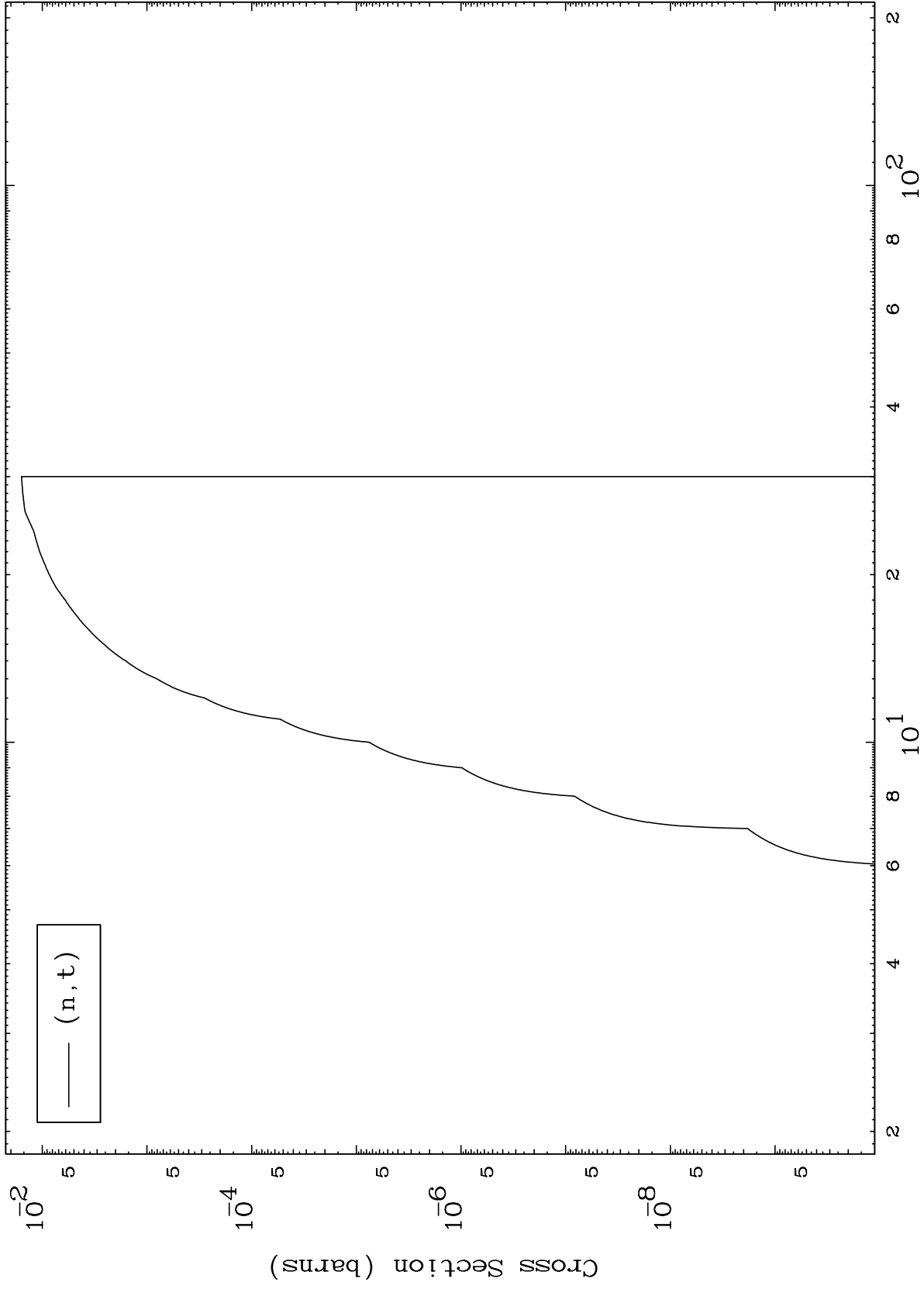
9

50-Sn-111

MAT 5022

(d,t) Levels
0 Kelvin Cross Sections

50-Sn-111



10

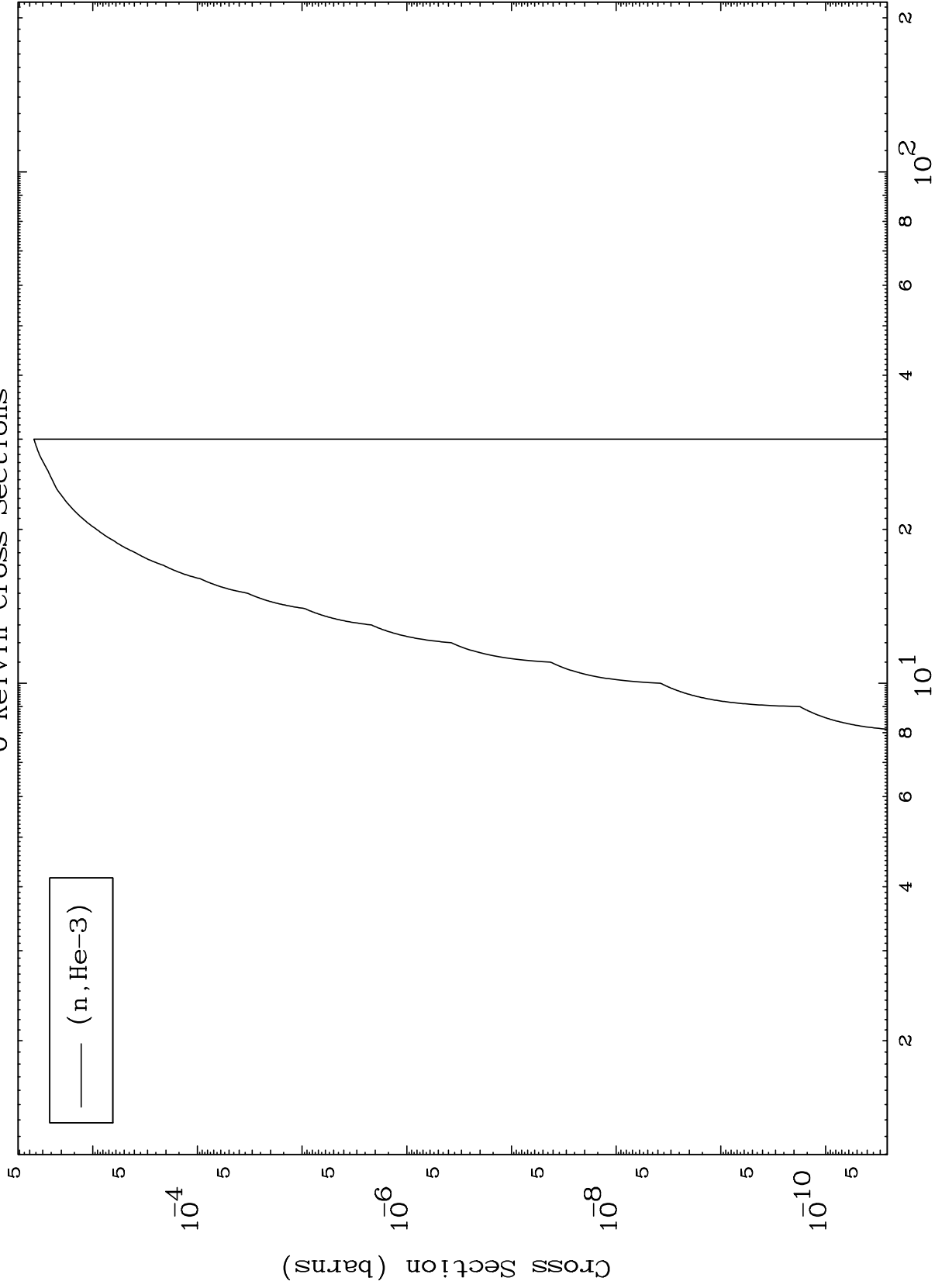
Incident Energy (MeV)

50-Sn-111

MAT 5022

50-Sn-111

(d,He3) Levels
0 Kelvin Cross Sections



50-Sn-111

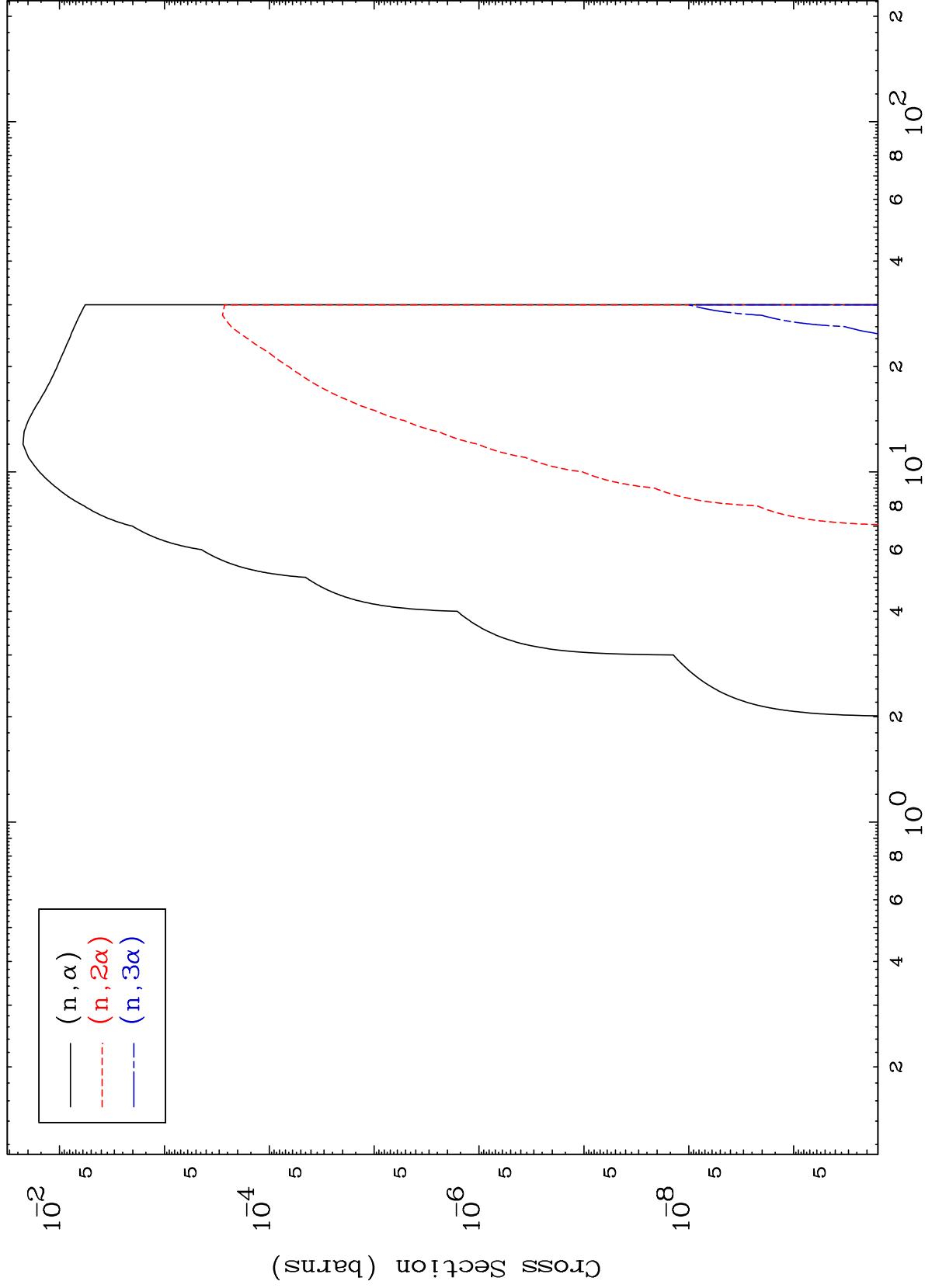
Incident Energy (MeV)

11

MAT 5022

50-Sn-111

(d, α) Levels
0 Kelvin Cross Sections



50-Sn-111

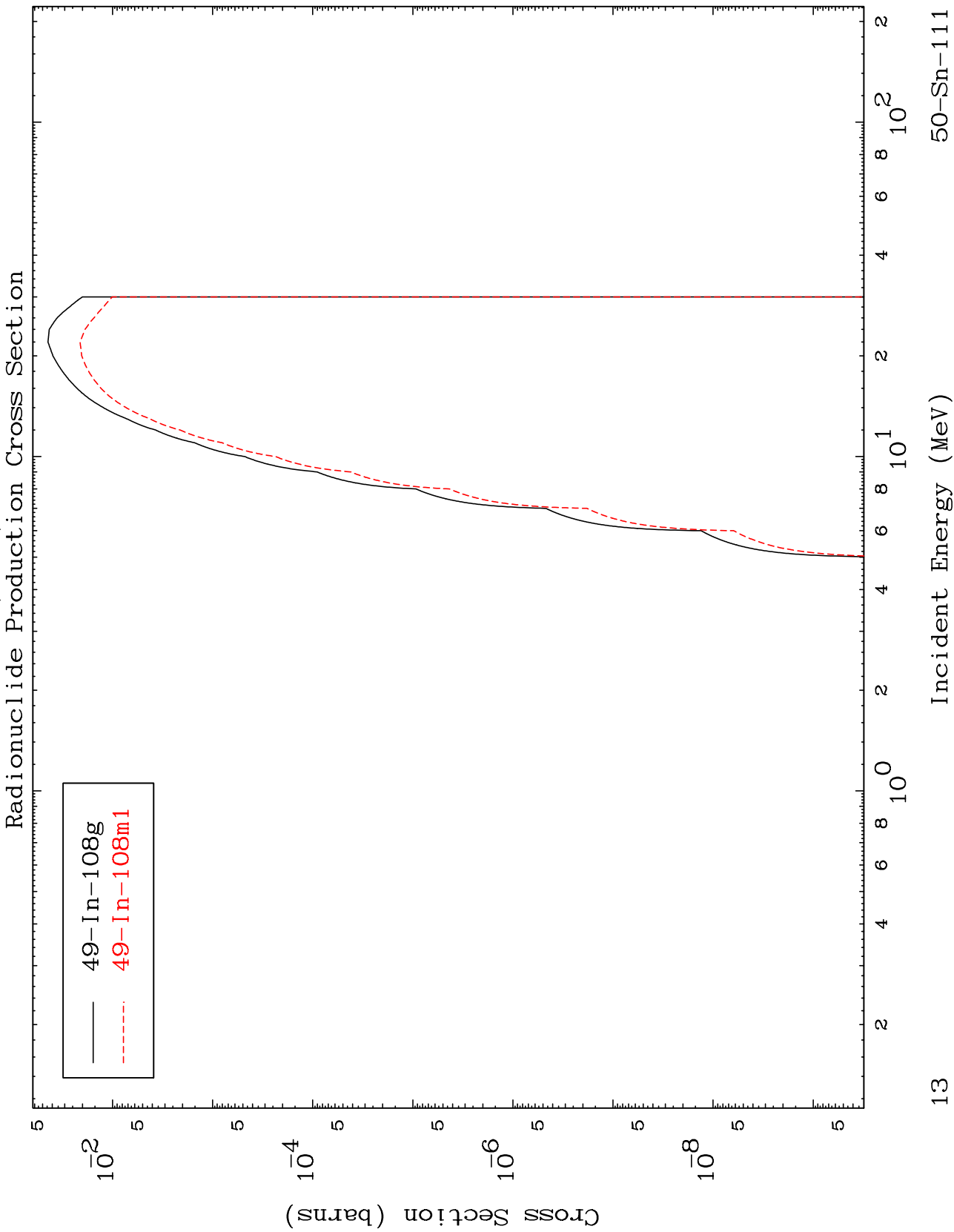
Incident Energy (MeV)

12

MAT 5022

$(n, n') \alpha$

50-Sn-111



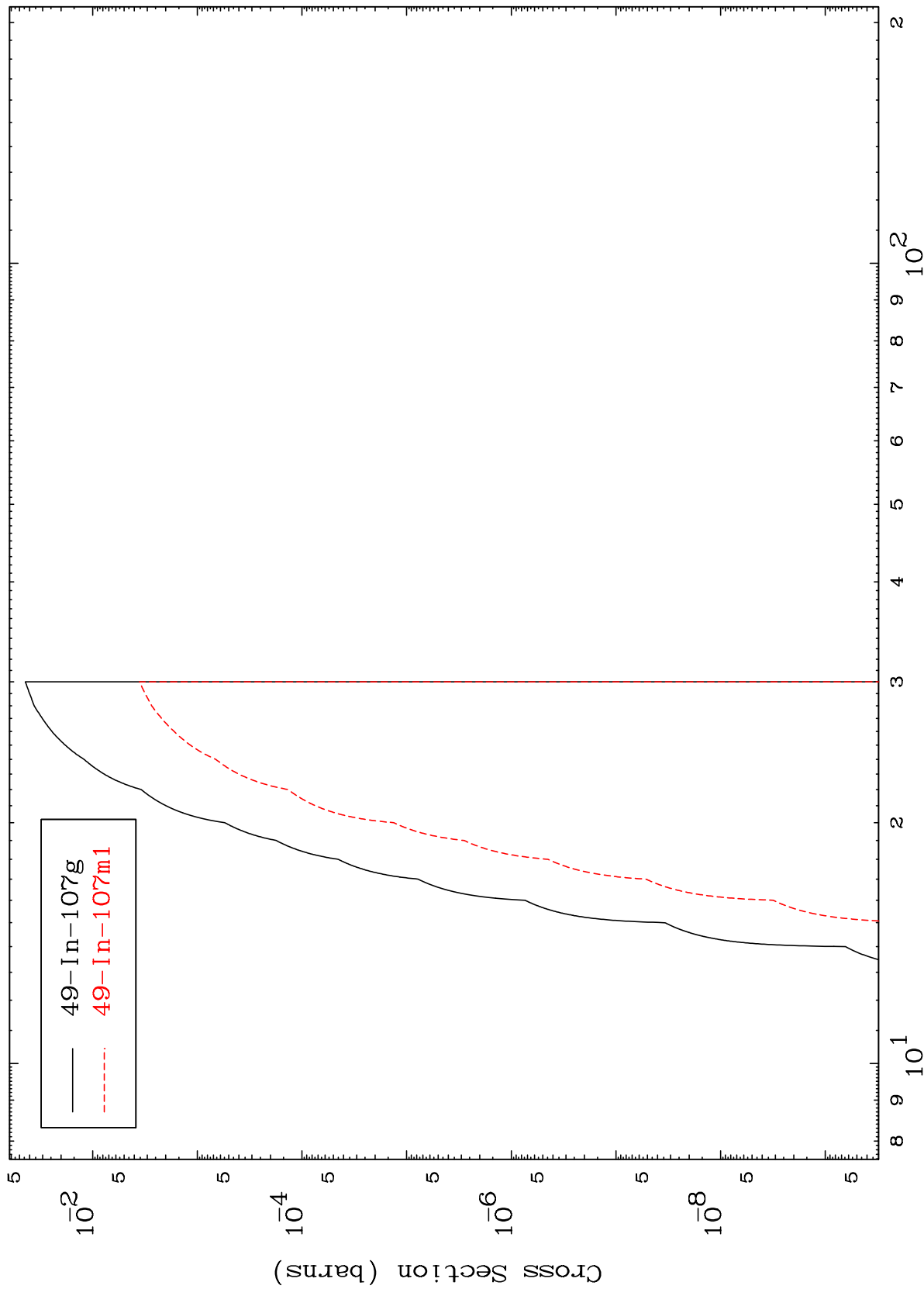
— 49-In-108g
- - - 49-In-108m1

MAT 5022

(n,2n) α

50-Sn-111

Radionuclide Production Cross Section



49-In-107g
49-In-107m1

14

Incident Energy (MeV)

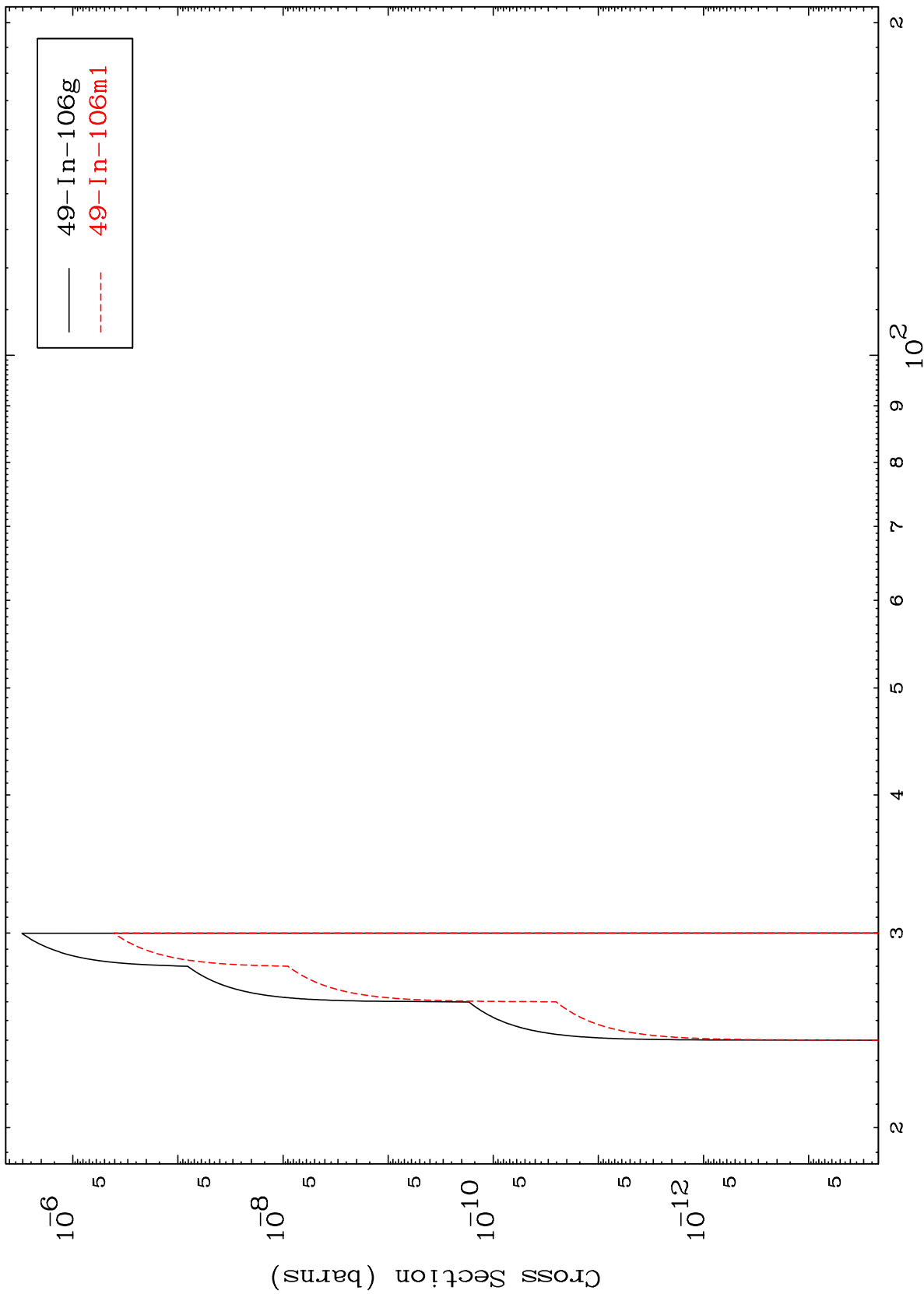
50-Sn-111

MAT 5022

(n,3n) α

50-Sn-111

Radionuclide Production Cross Section



15

Incident Energy (MeV)

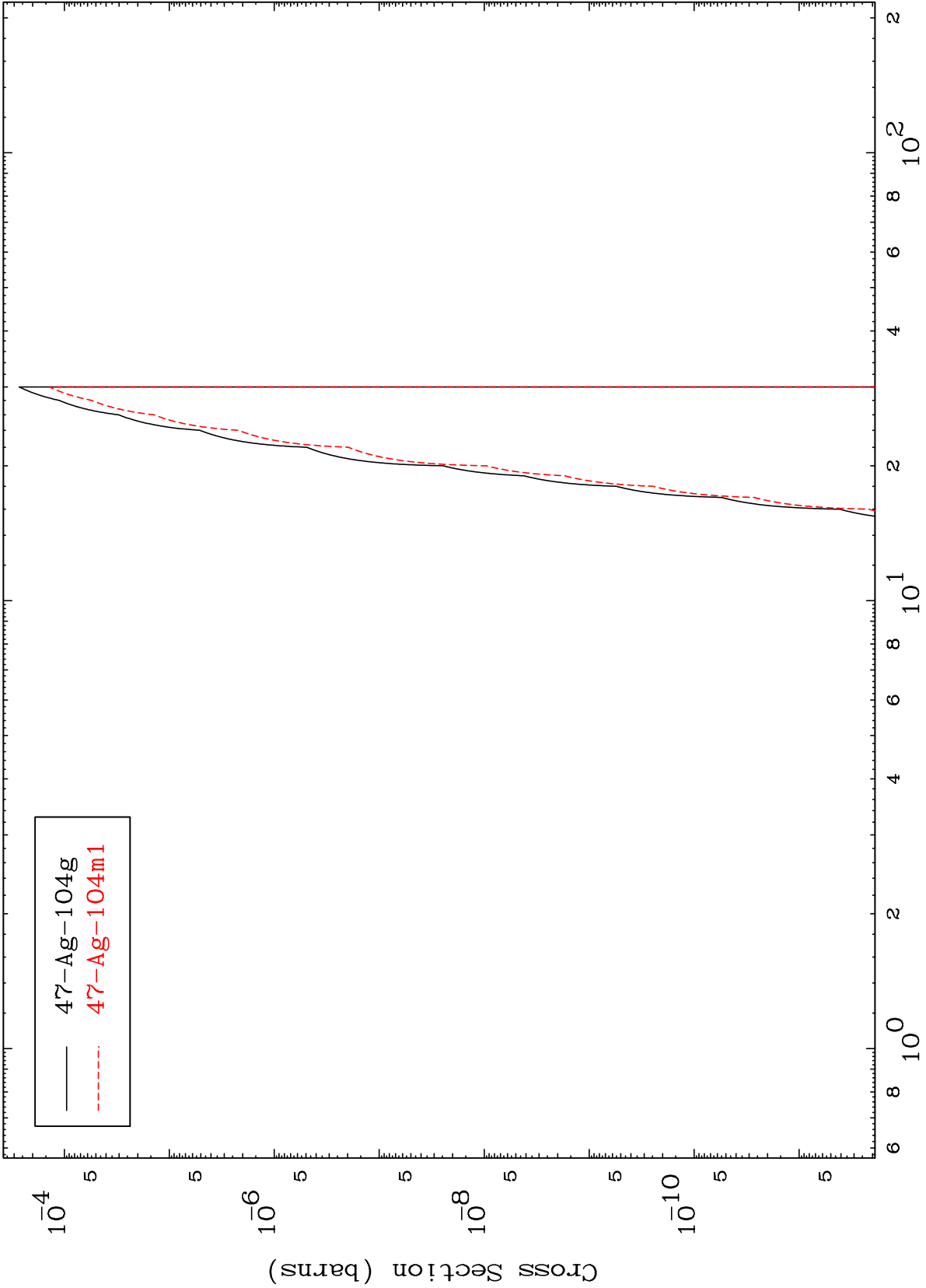
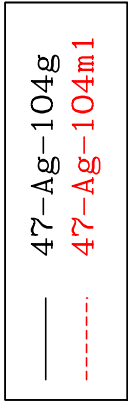
50-Sn-111

MAT 5022

(n,n') 2α

50-Sn-111

Radionuclide Production Cross Section



16

Incident Energy (MeV)

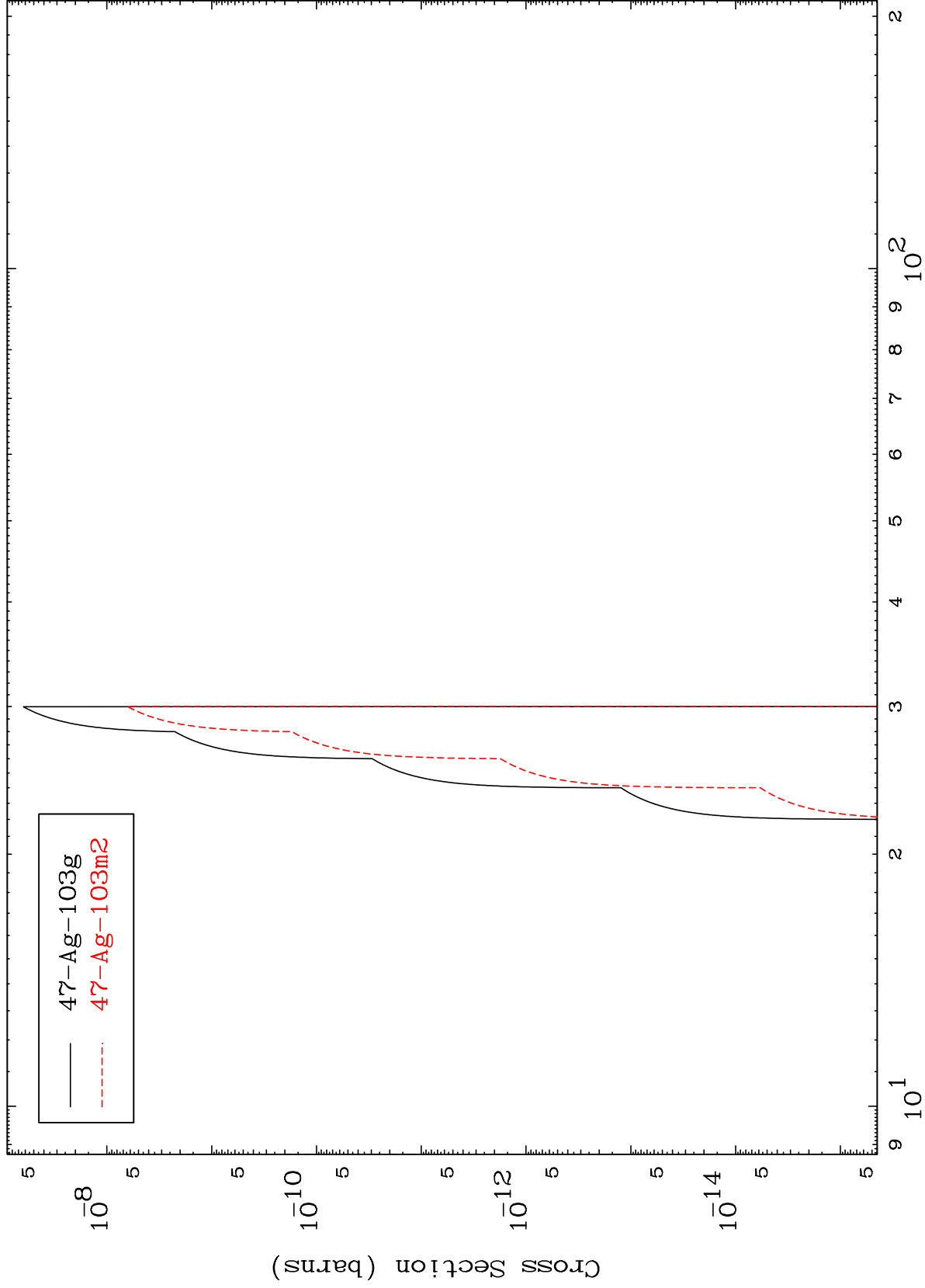
50-Sn-111

MAT 5022

(n,2n) 2α

50-Sn-111

Radionuclide Production Cross Section



17

Incident Energy (MeV)

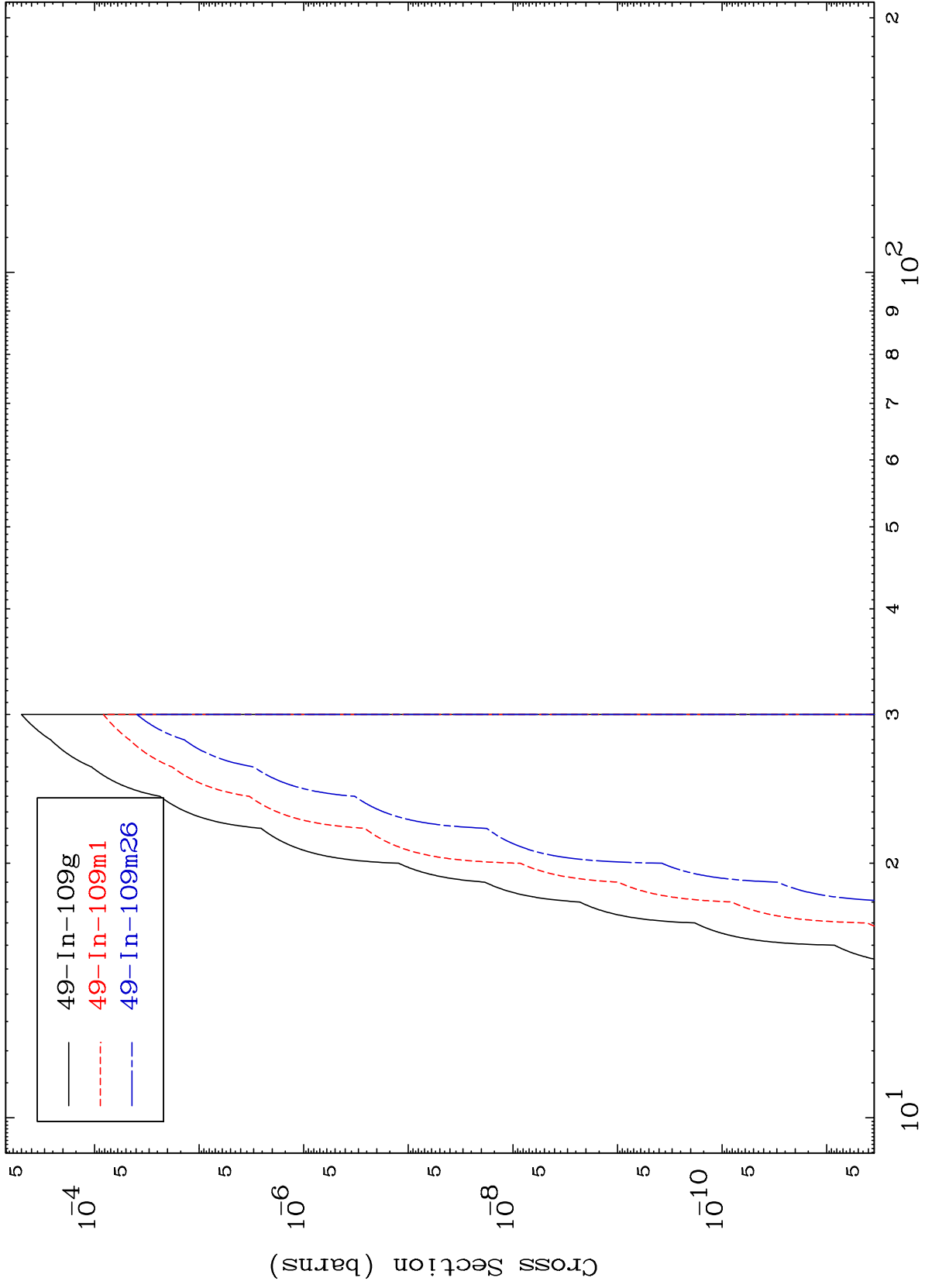
50-Sn-111

MAT 5022

(n,n') He-3

50-Sn-111

Radionuclide Production Cross Section



Incident Energy (MeV)

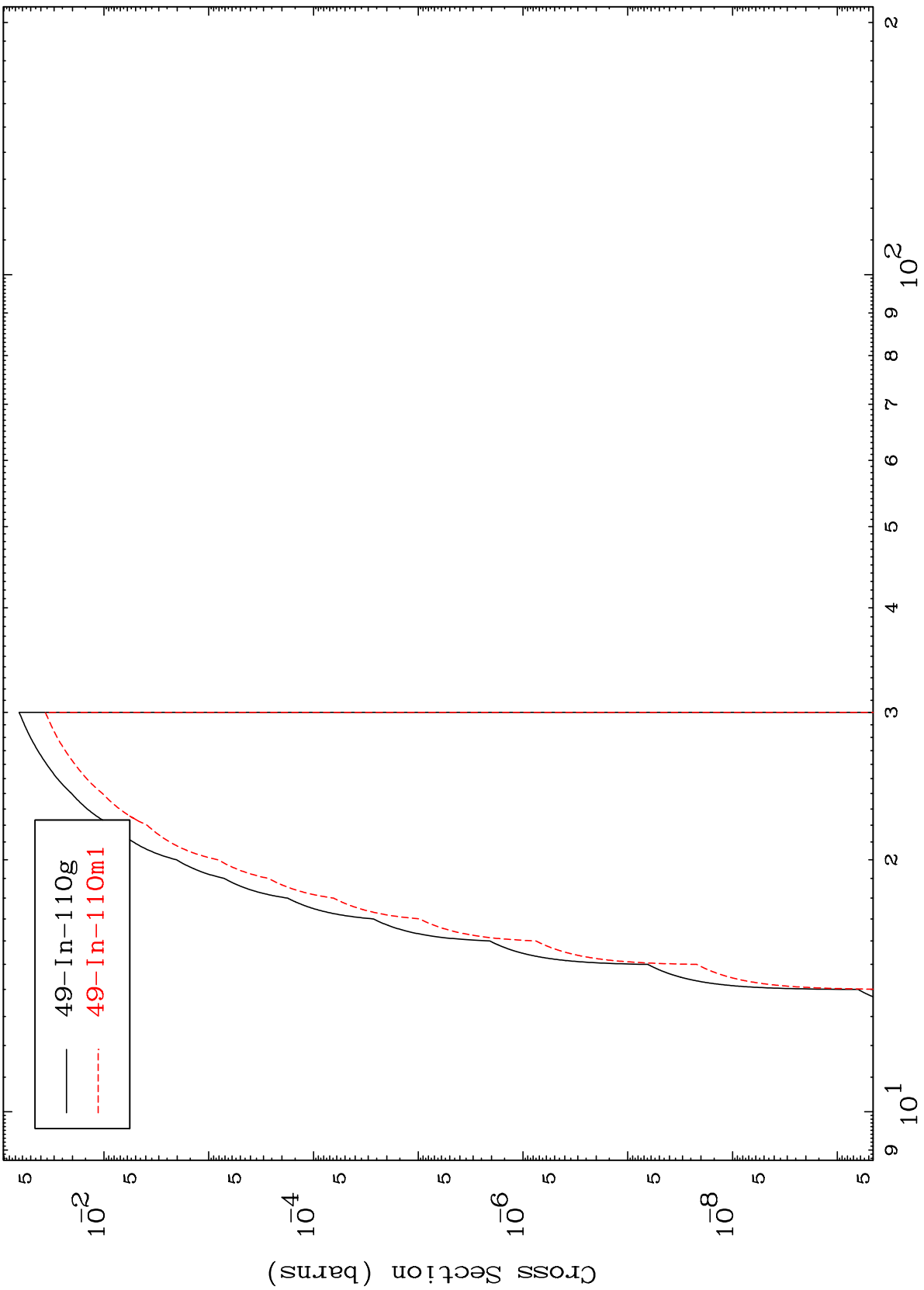
50-Sn-111

MAT 5022

(n,2n) p

50-Sn-111

Radionuclide Production Cross Section



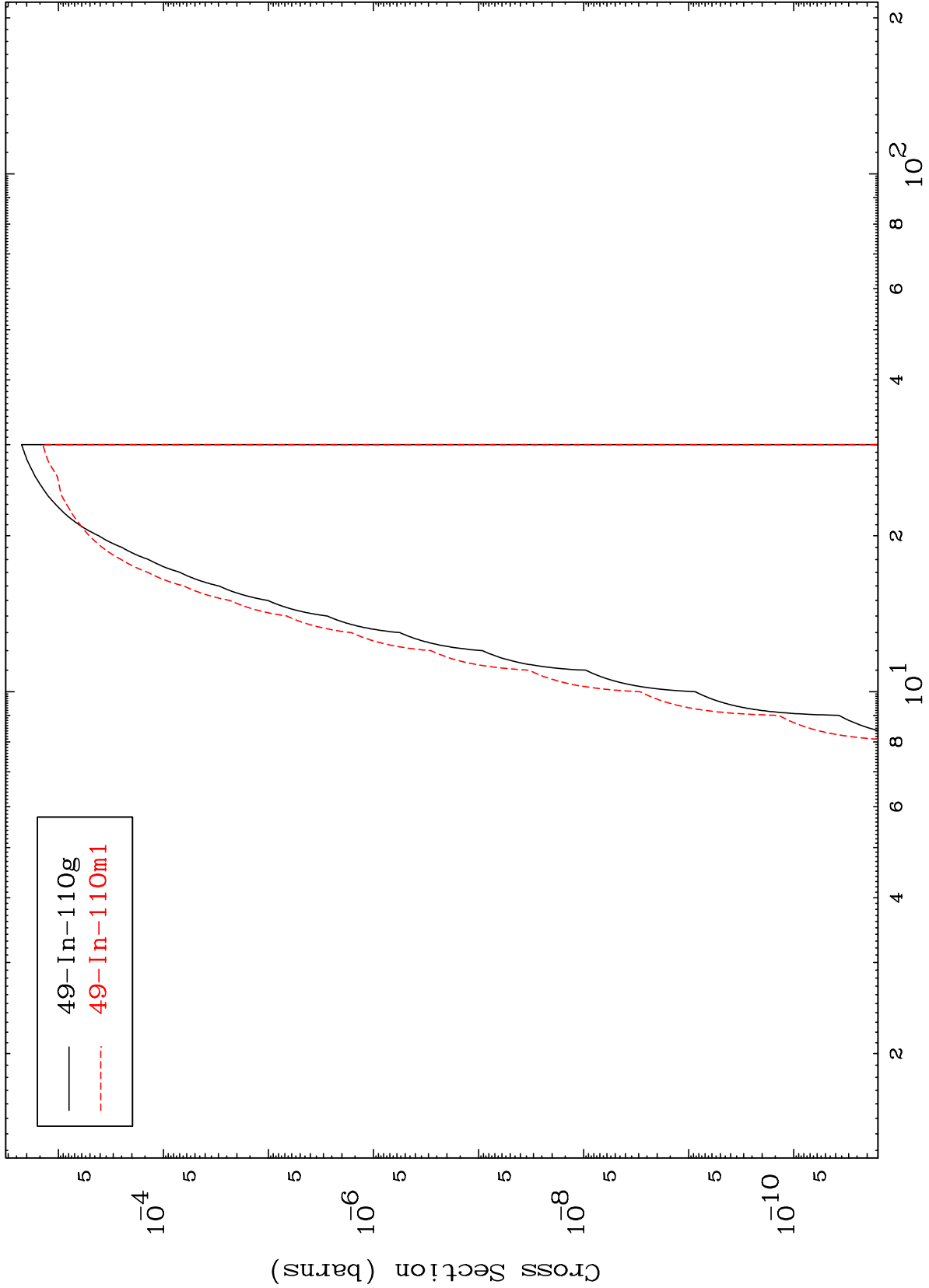
Incident Energy (MeV)

50-Sn-111

MAT 5022

50-Sn-111

(n,He-3)
Radionuclide Production Cross Section



20

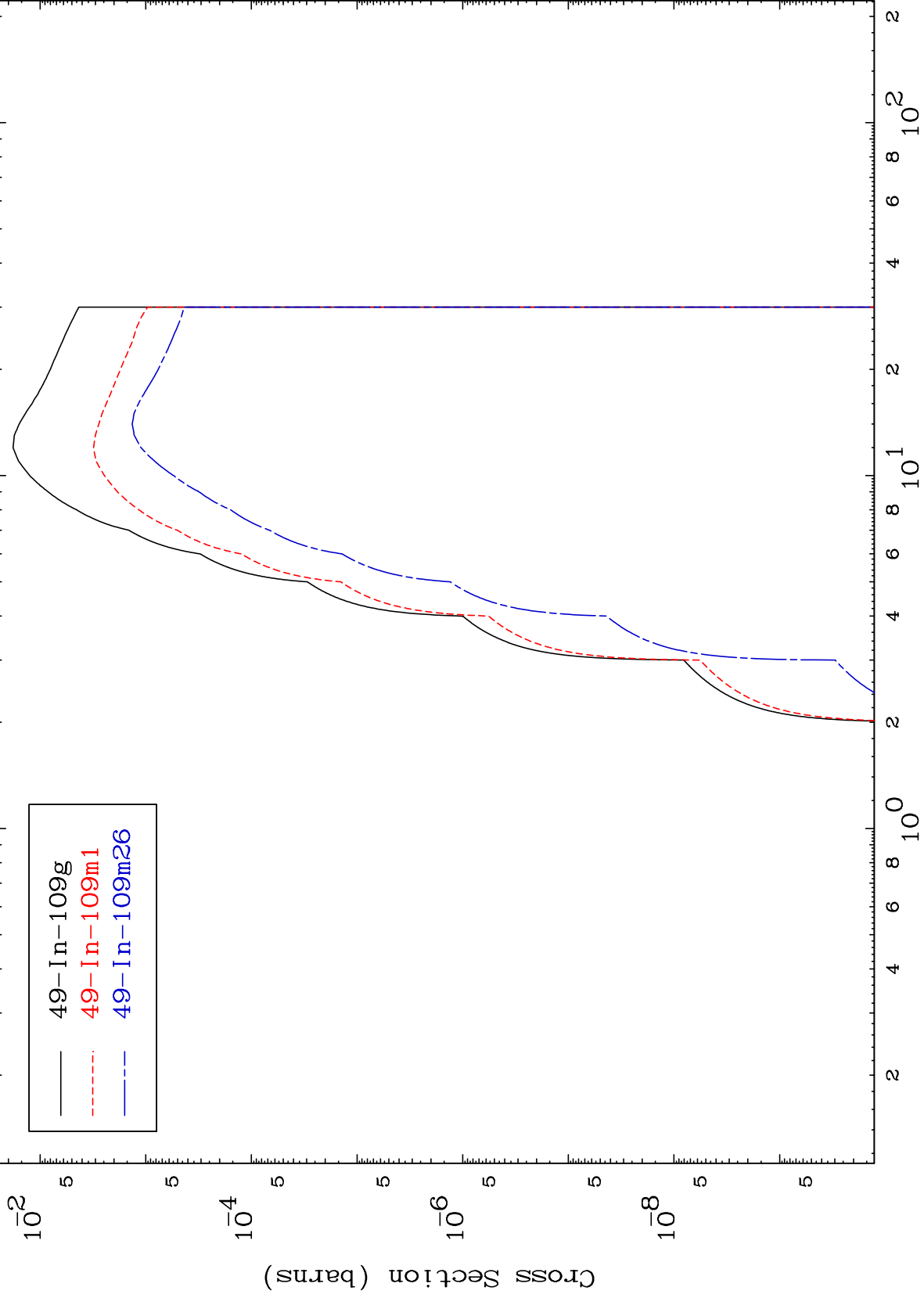
50-Sn-111

Incident Energy (MeV)

MAT 5022

50-Sn-111

(n, α)
Radionuclide Production Cross Section



50-Sn-111

Incident Energy (MeV)

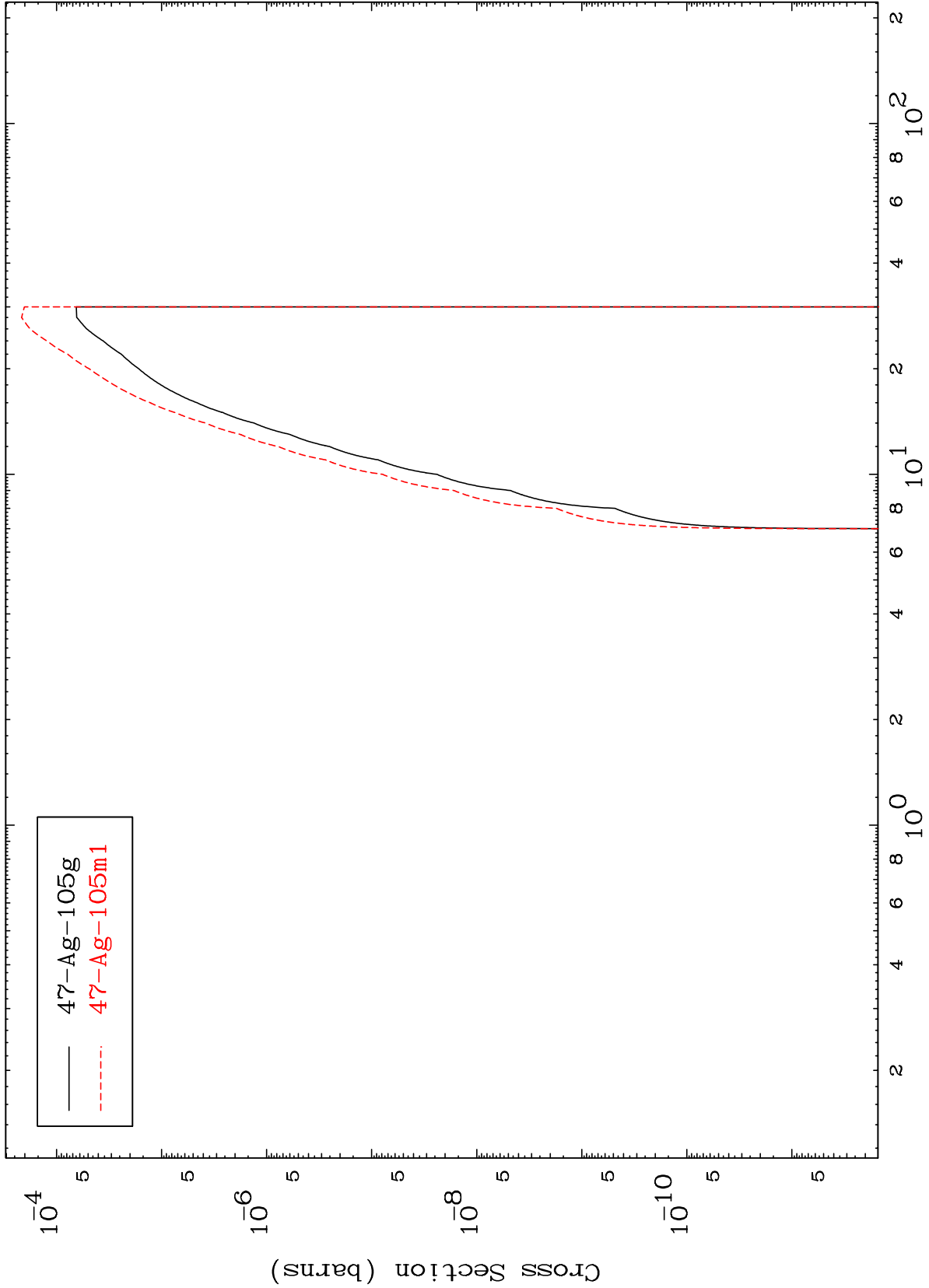
21

MAT 5022

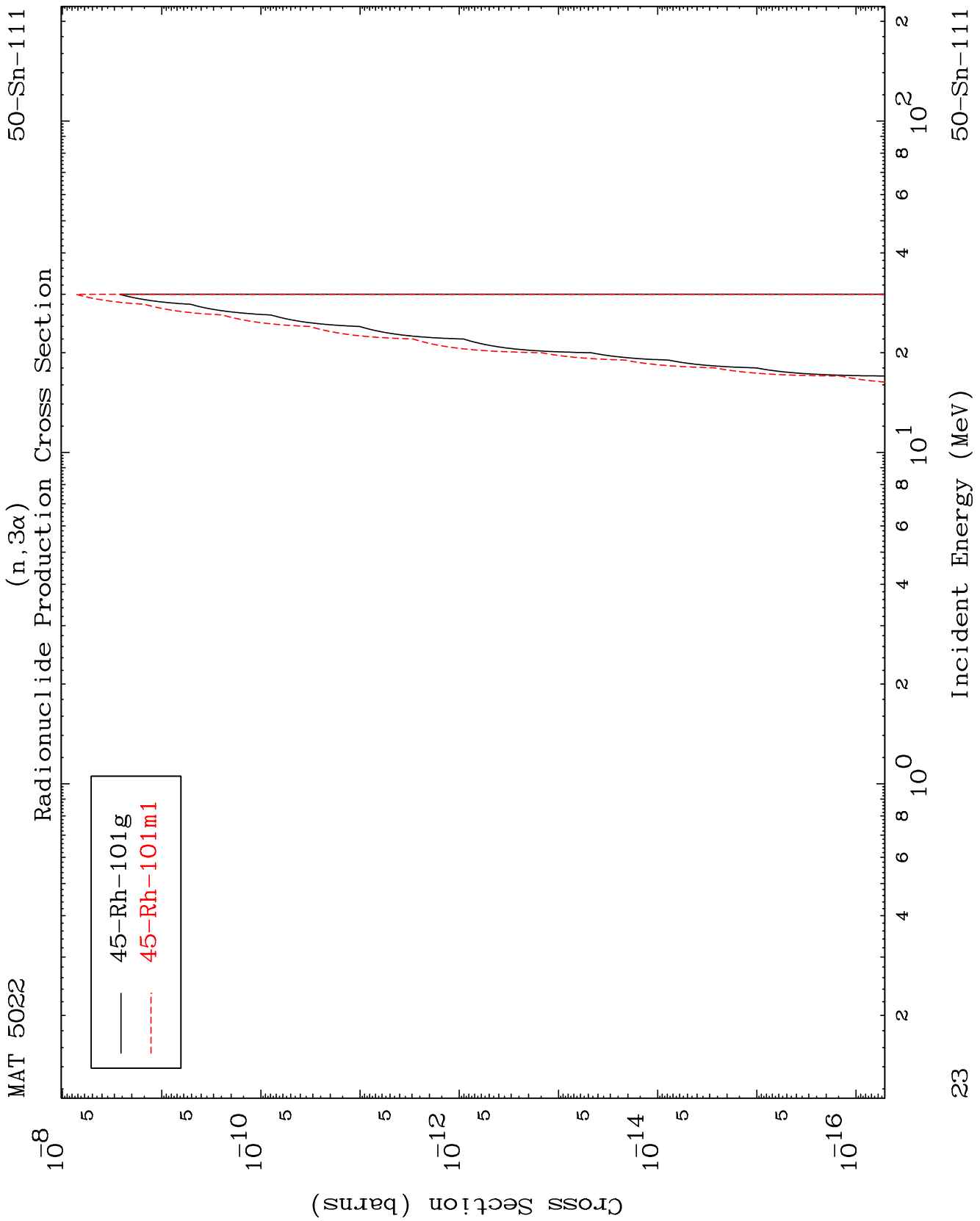
(n,2α)

50-Sn-111

Radionuclide Production Cross Section



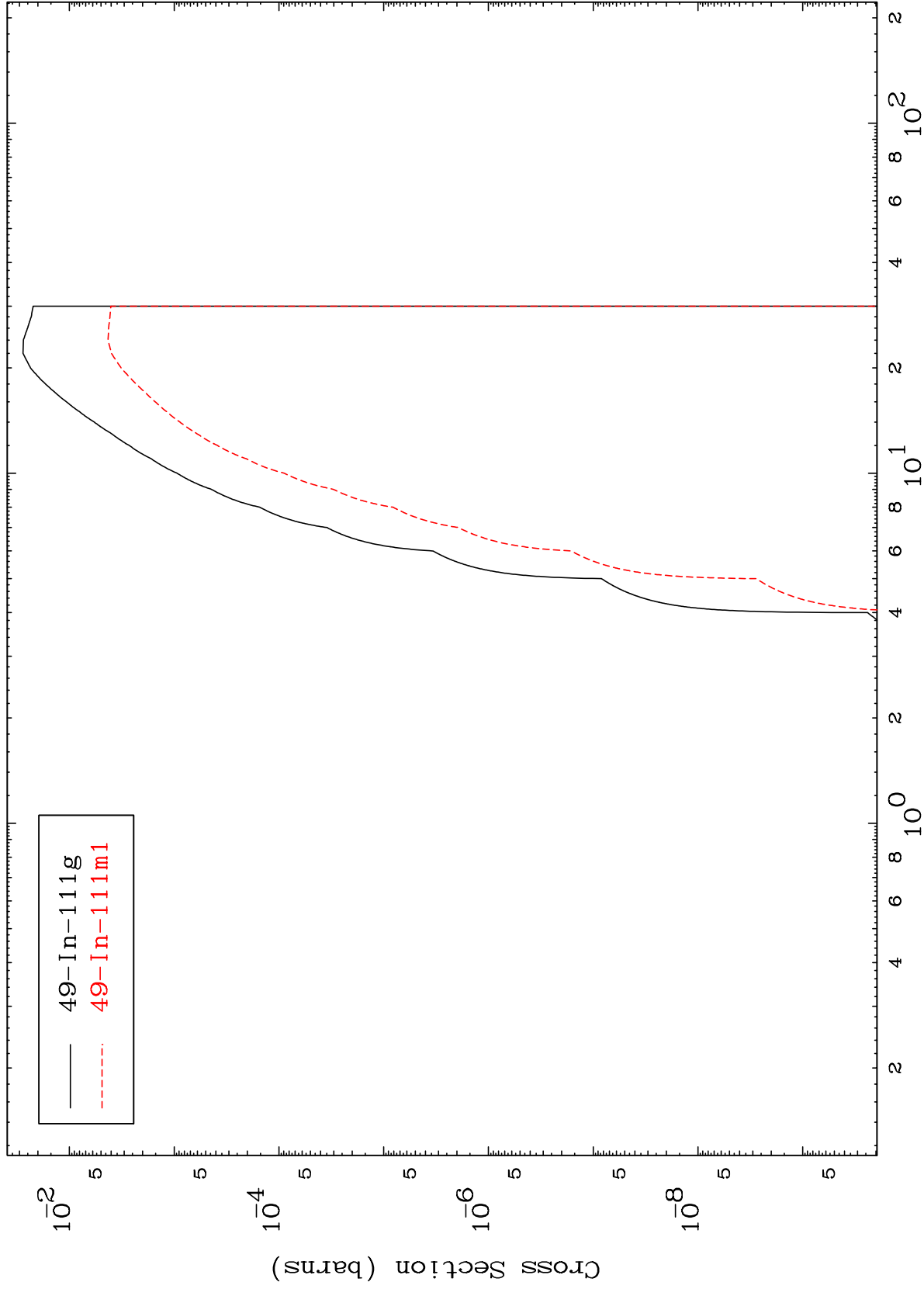
— 47-Ag-105g
- - - 47-Ag-105m1



MAT 5022

50-Sn-111

(n,2p)
Radionuclide Production Cross Section



24

50-Sn-111

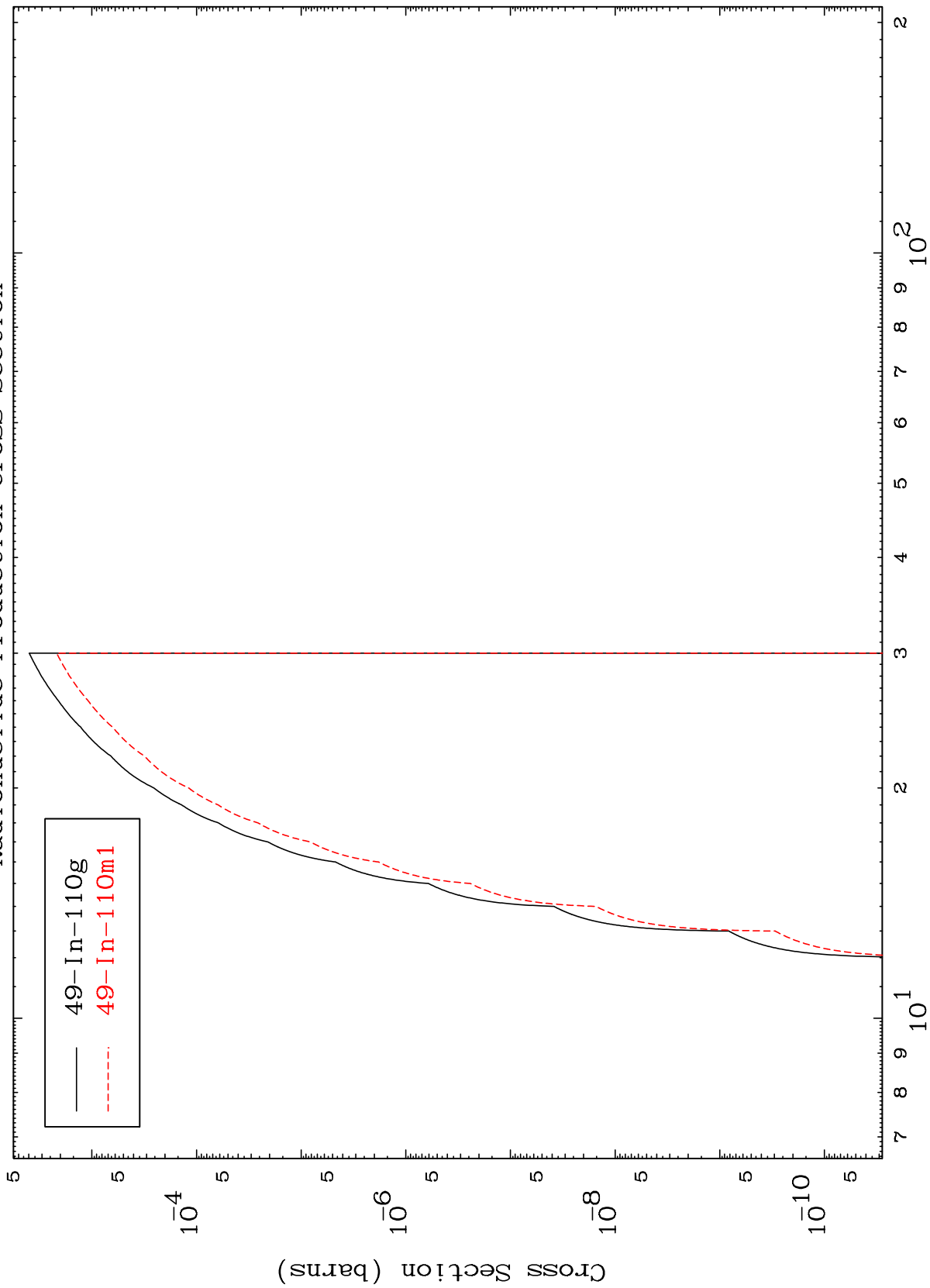
Incident Energy (MeV)

MAT 5022

(n,p) d

50-Sn-111

Radionuclide Production Cross Section



25

Incident Energy (MeV)

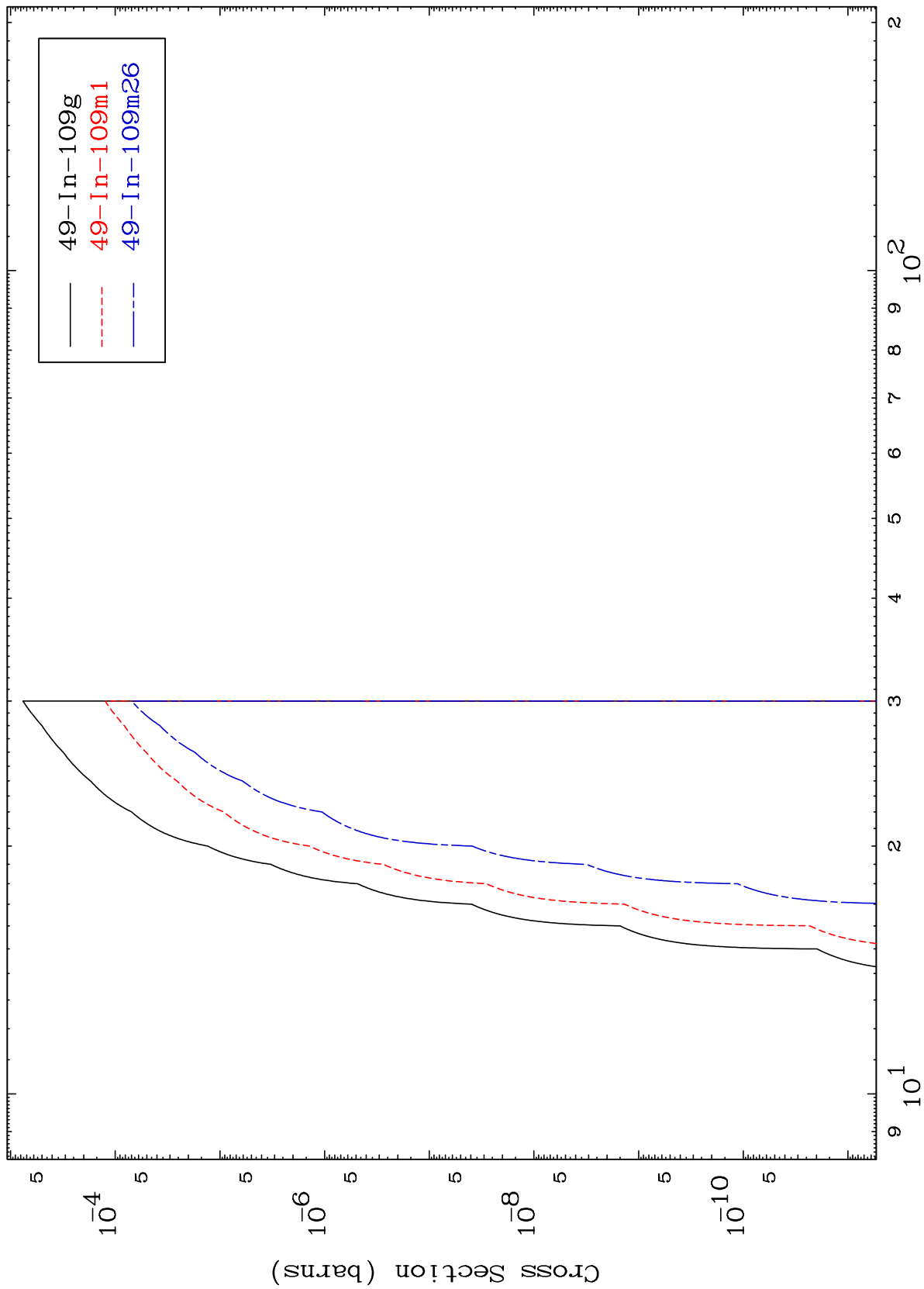
50-Sn-111

MAT 5022

(n,p) t

50-Sn-111

Radionuclide Production Cross Section



26

Incident Energy (MeV)

50-Sn-111