

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

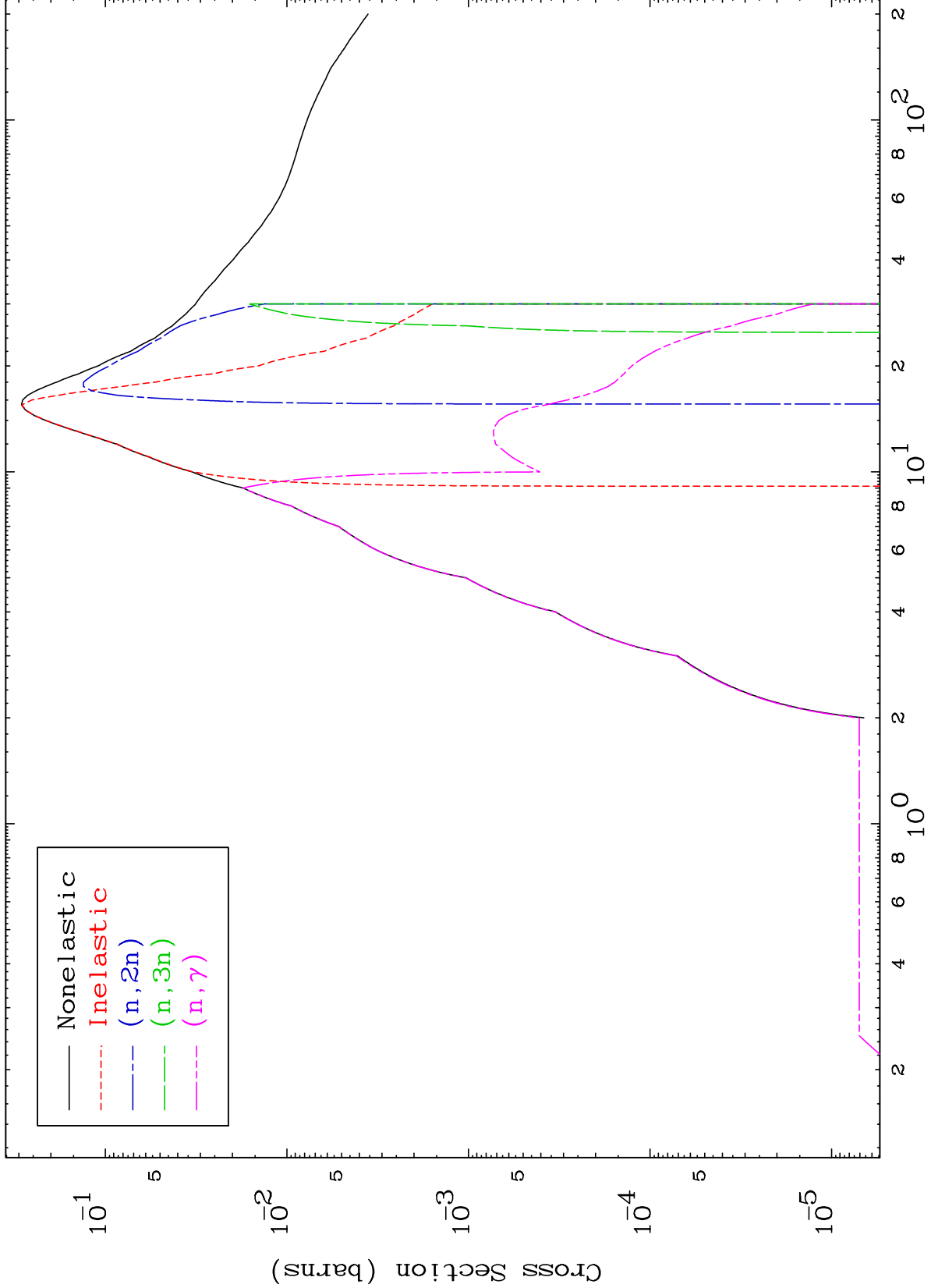
Press Mouse Button to Start

MAT 5049

Photon Major

50-Sn-120

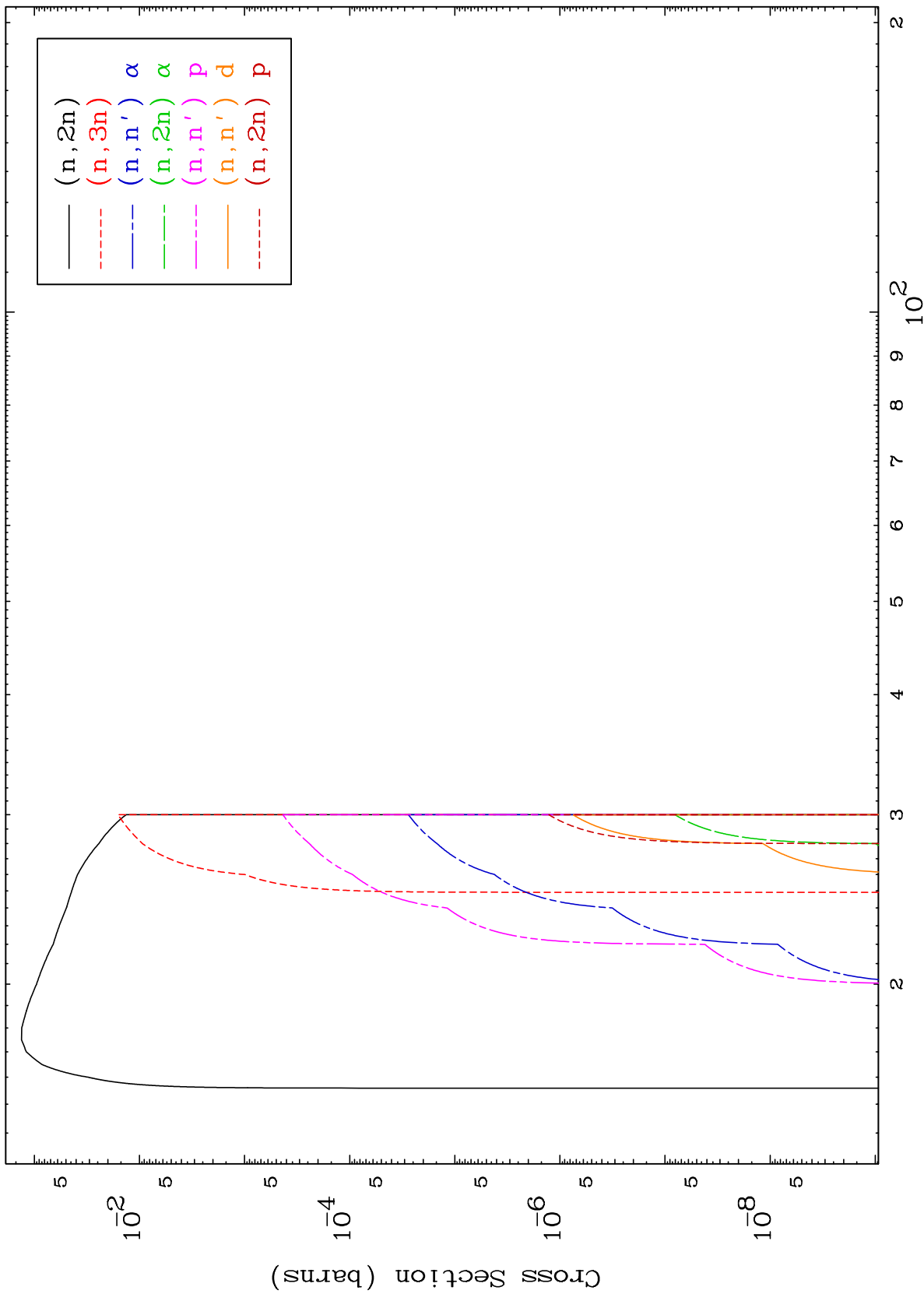
0 Kelvin Cross Sections



MAT 5049

Photon Neutron Absorption
0 Kelvin Cross Sections

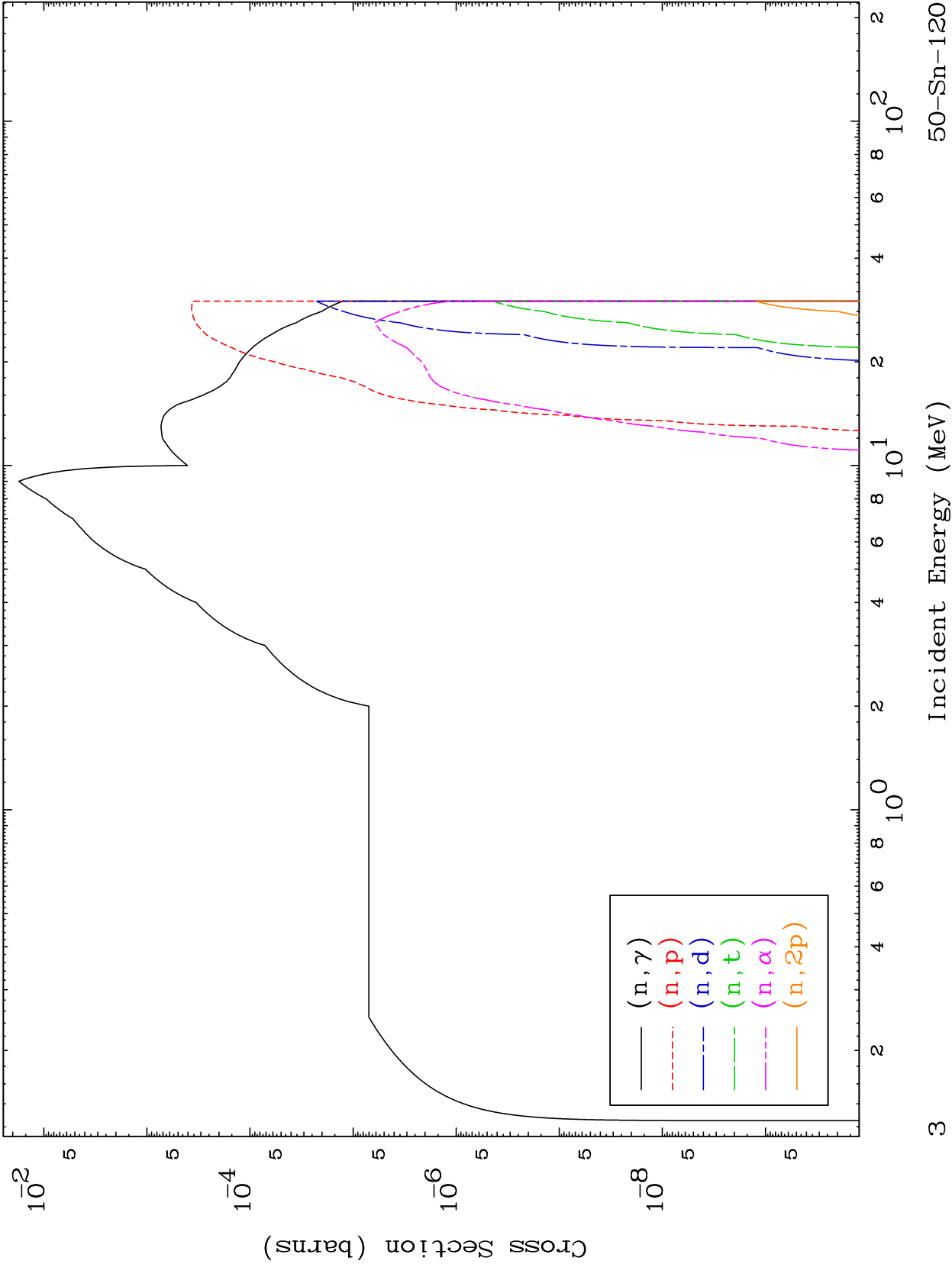
50-Sn-120



2

Incident Energy (MeV)

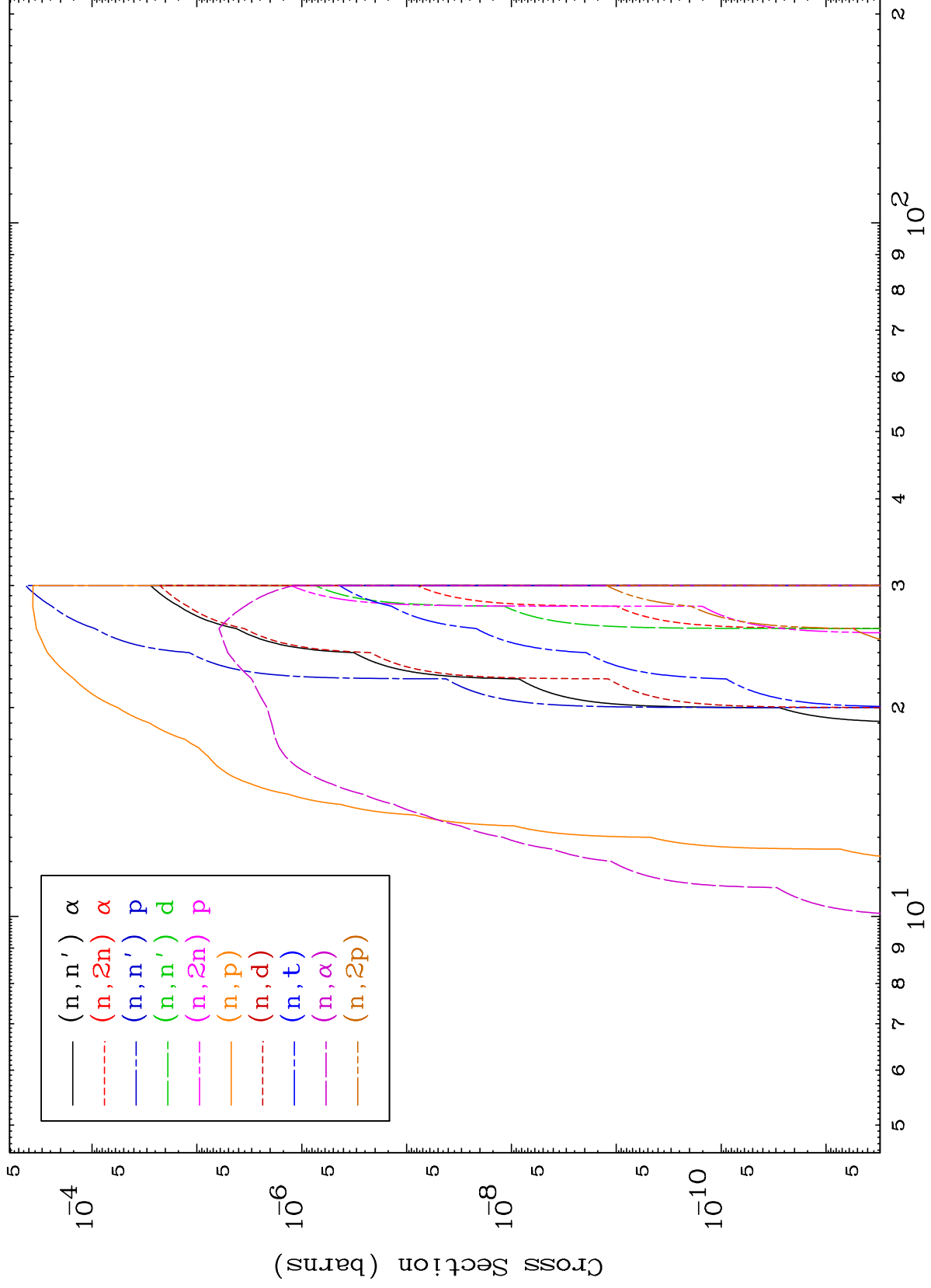
50-Sn-120



MAT 5049

Photon Charged Particle
0 Kelvin Cross Sections

50-Sn-120

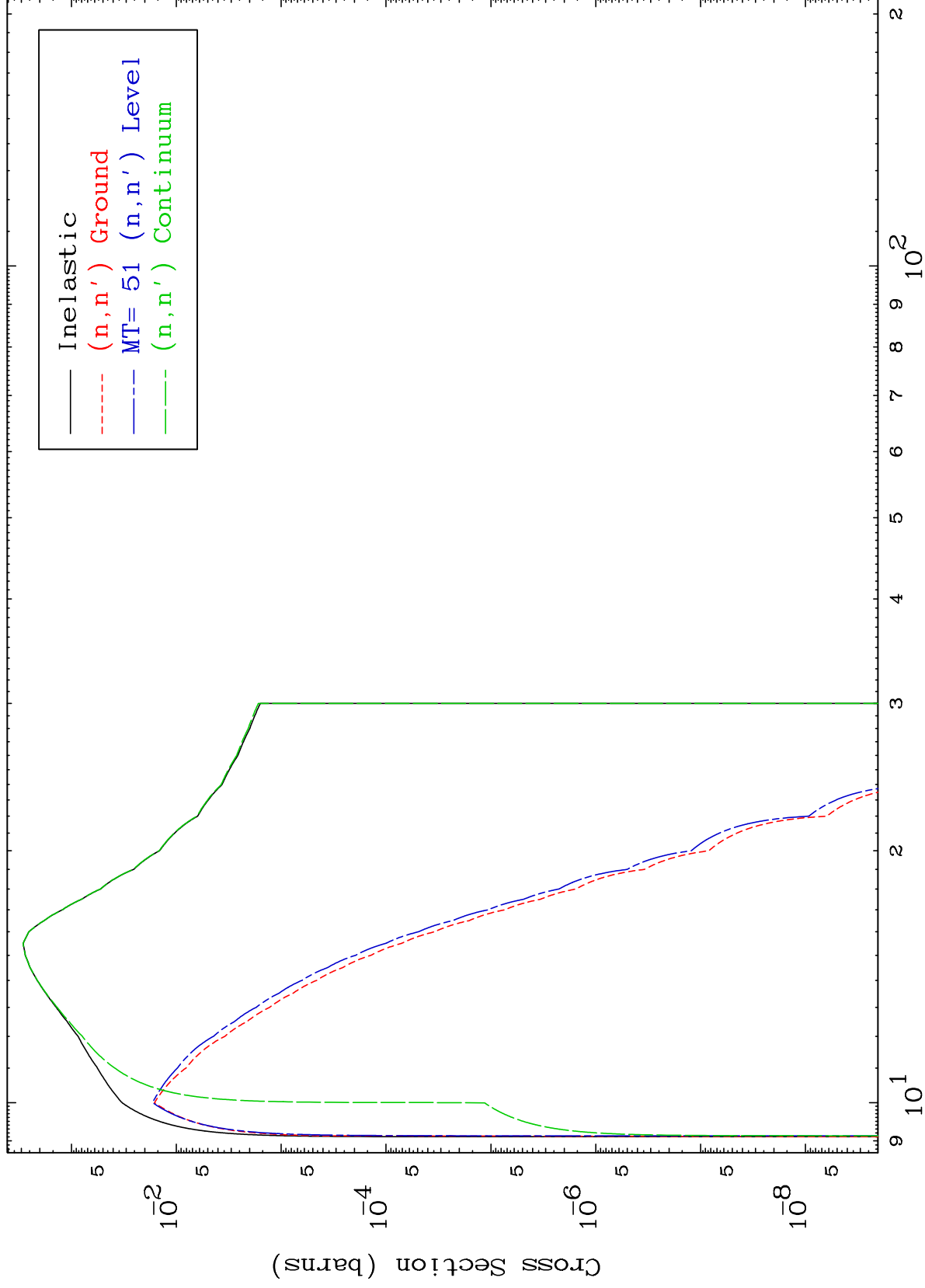


MAT 5049

(γ, n') Levels

50-Sn-120

0 Kelvin Cross Sections



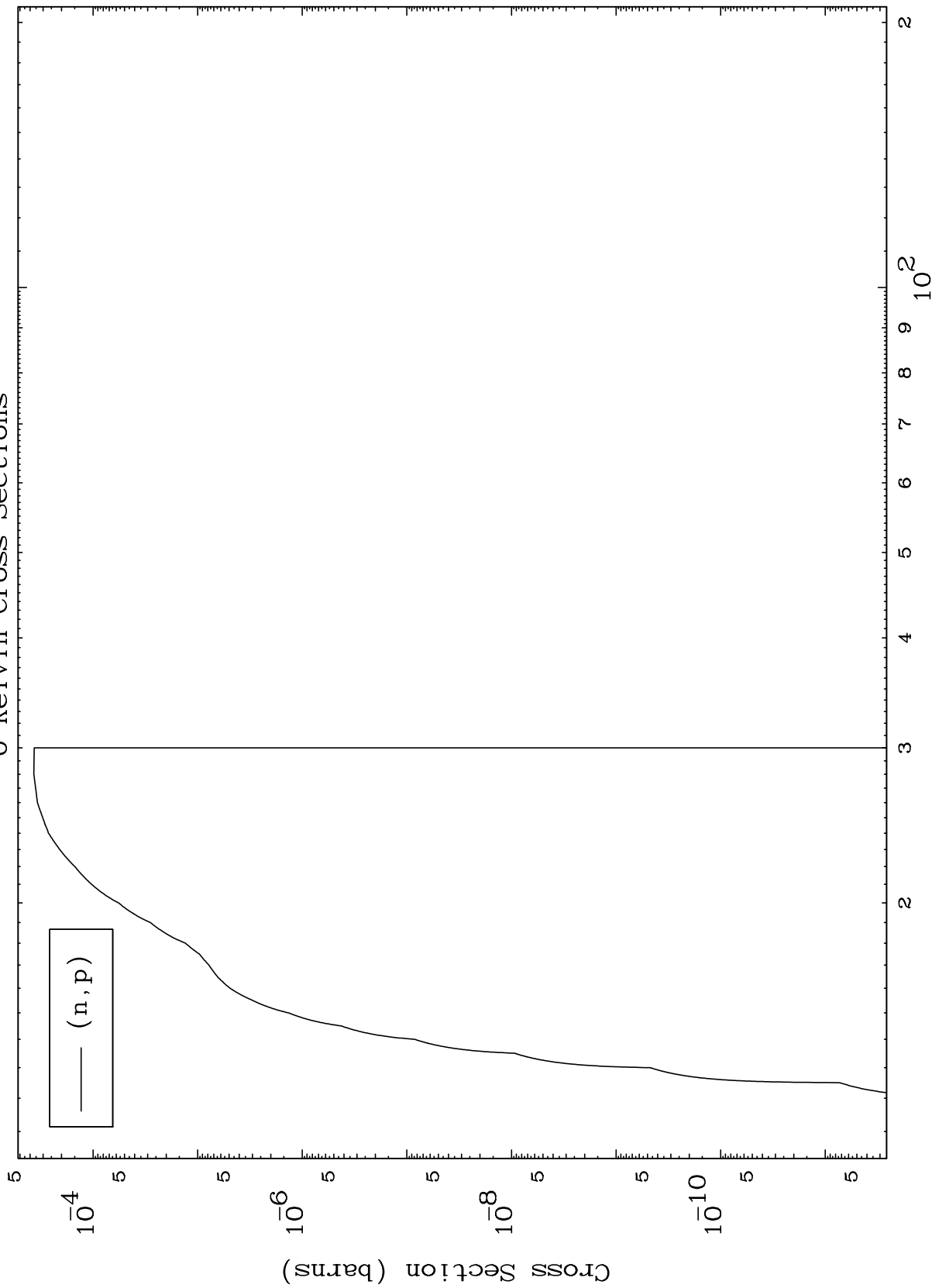
Incident Energy (MeV)

50-Sn-120

MAT 5049

50-Sn-120

(γ, p) Levels
0 Kelvin Cross Sections



50-Sn-120

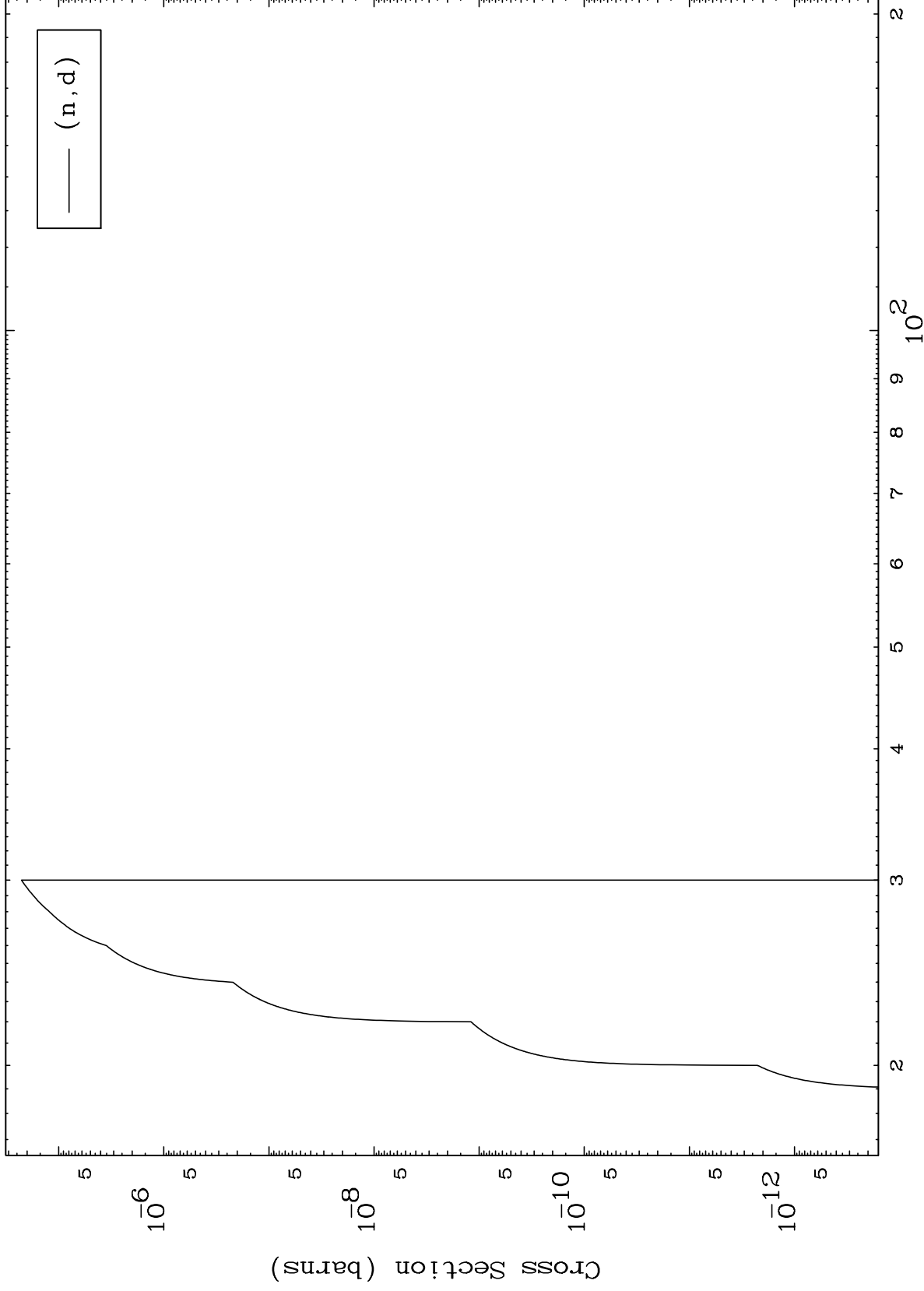
Incident Energy (MeV)

6

MAT 5049

(γ, d) Levels
0 Kelvin Cross Sections

50-Sn-120



7

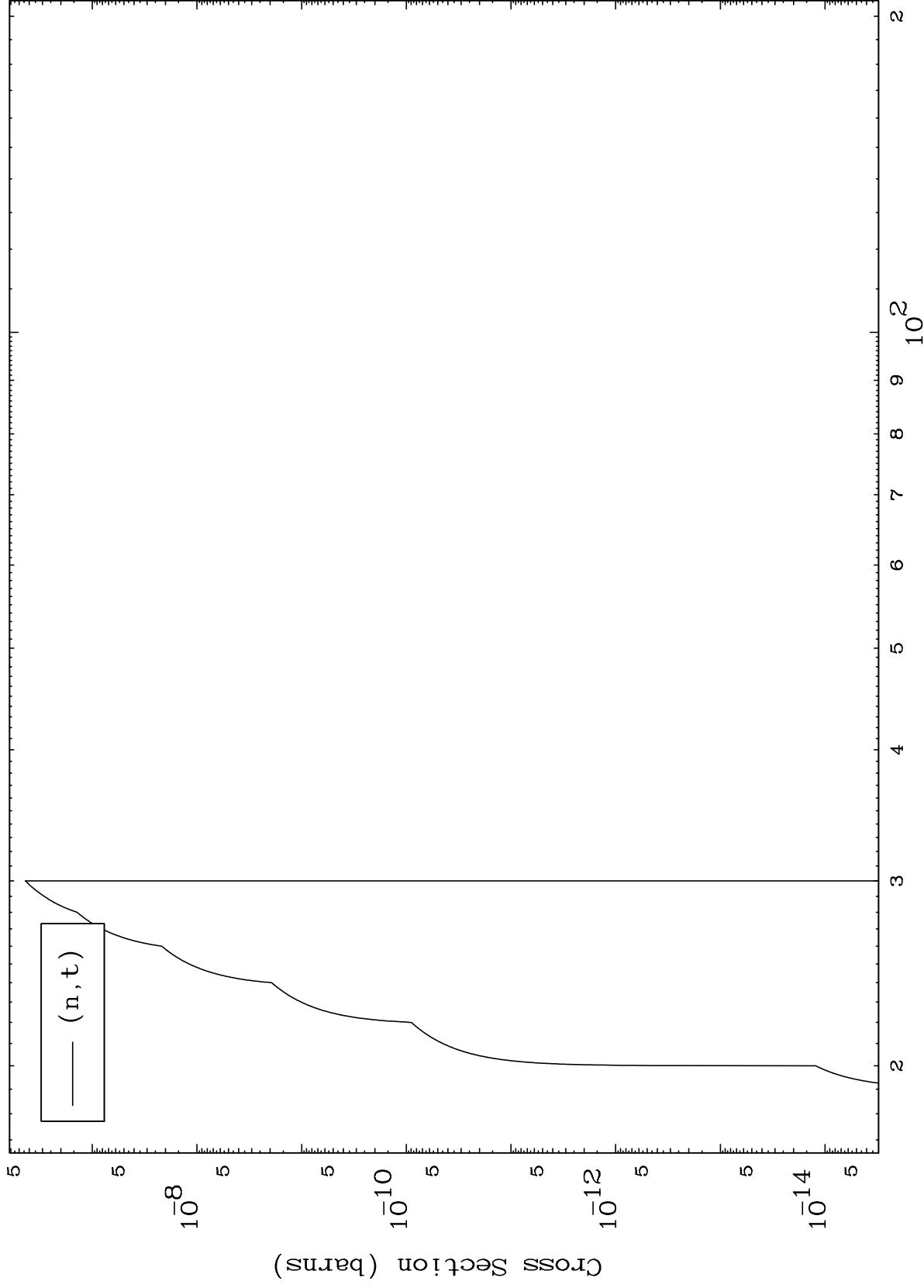
Incident Energy (MeV)

50-Sn-120

MAT 5049

(γ, t) Levels
0 Kelvin Cross Sections

50-Sn-120



8

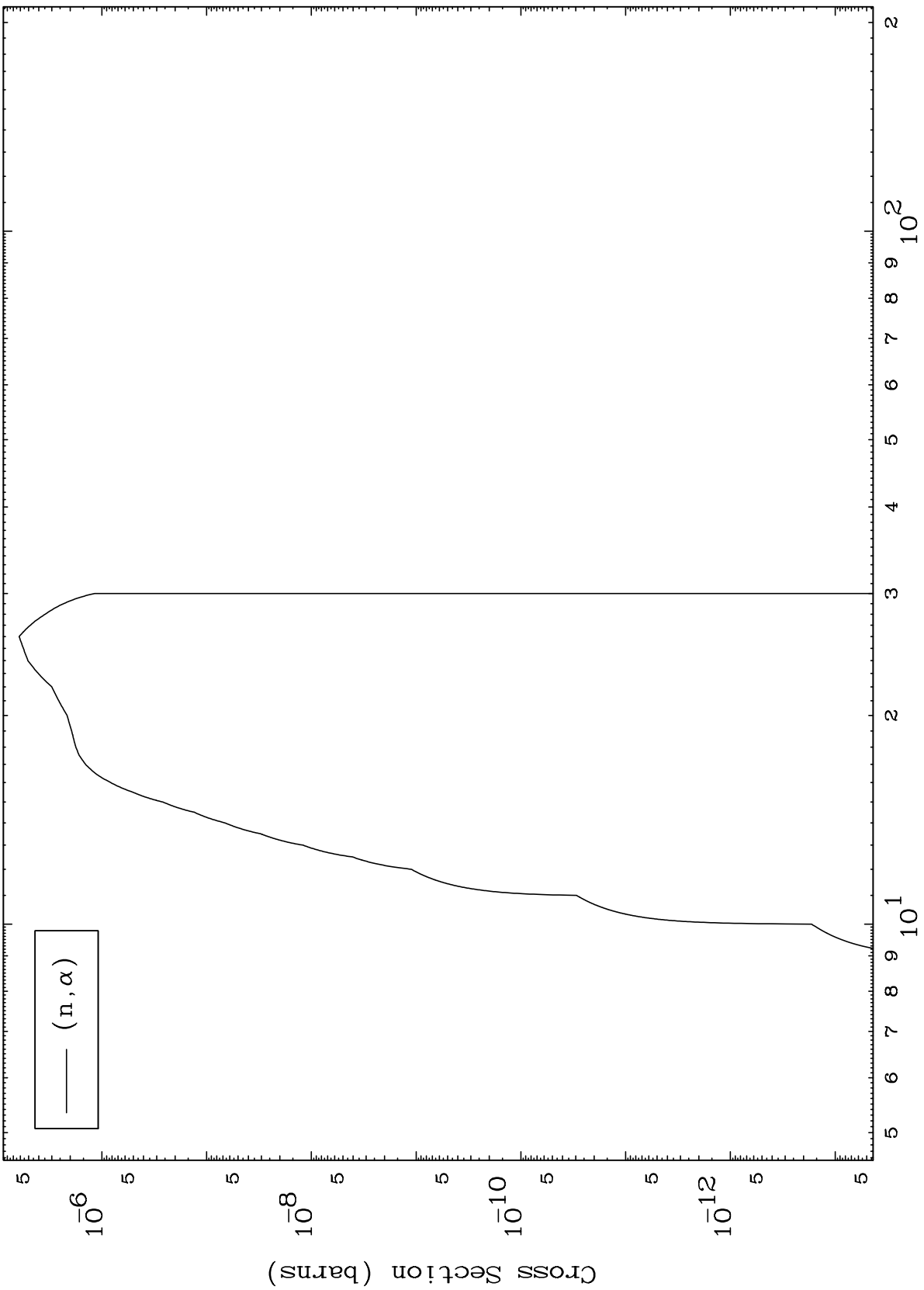
Incident Energy (MeV)

50-Sn-120

MAT 5049

50-Sn-120

(γ, α) Levels
0 Kelvin Cross Sections



9

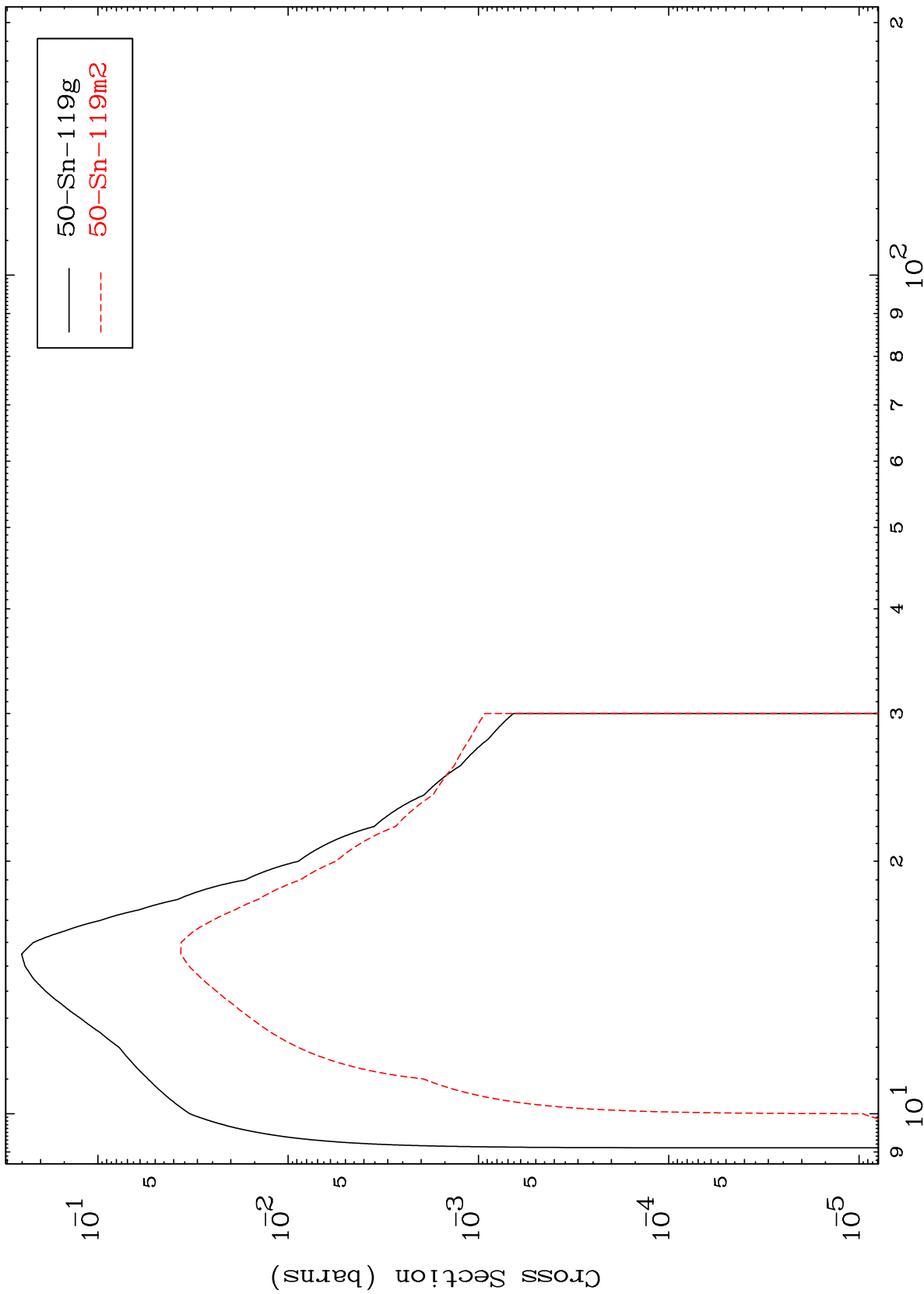
Incident Energy (MeV)

50-Sn-120

MAT 5049

50-Sn-120

Inelastic
Radionuclide Production Cross Section



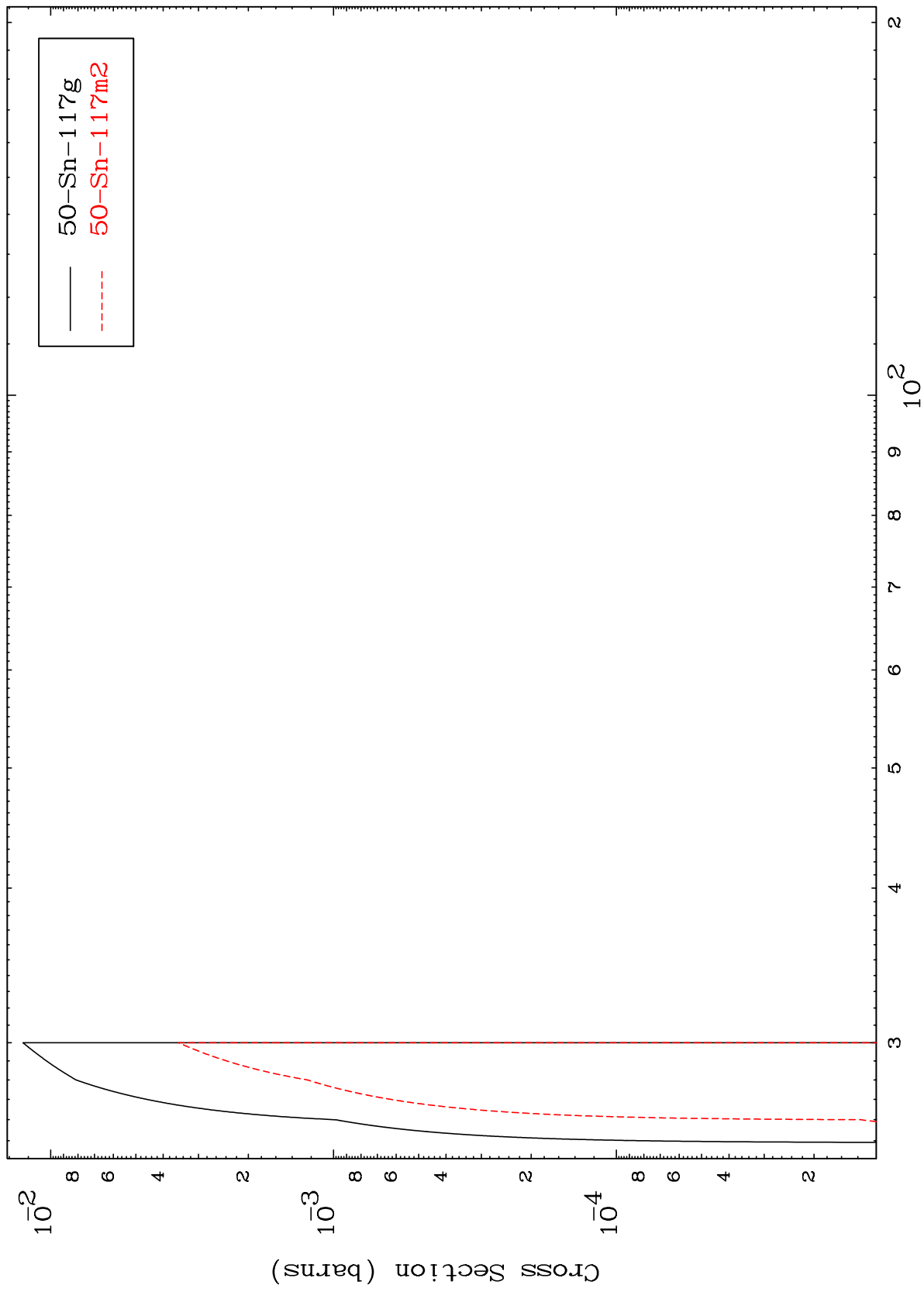
50-Sn-120

Incident Energy (MeV)

MAT 5049

50-Sn-120

(n,3n)
Radionuclide Production Cross Section



50-Sn-120

Incident Energy (MeV)

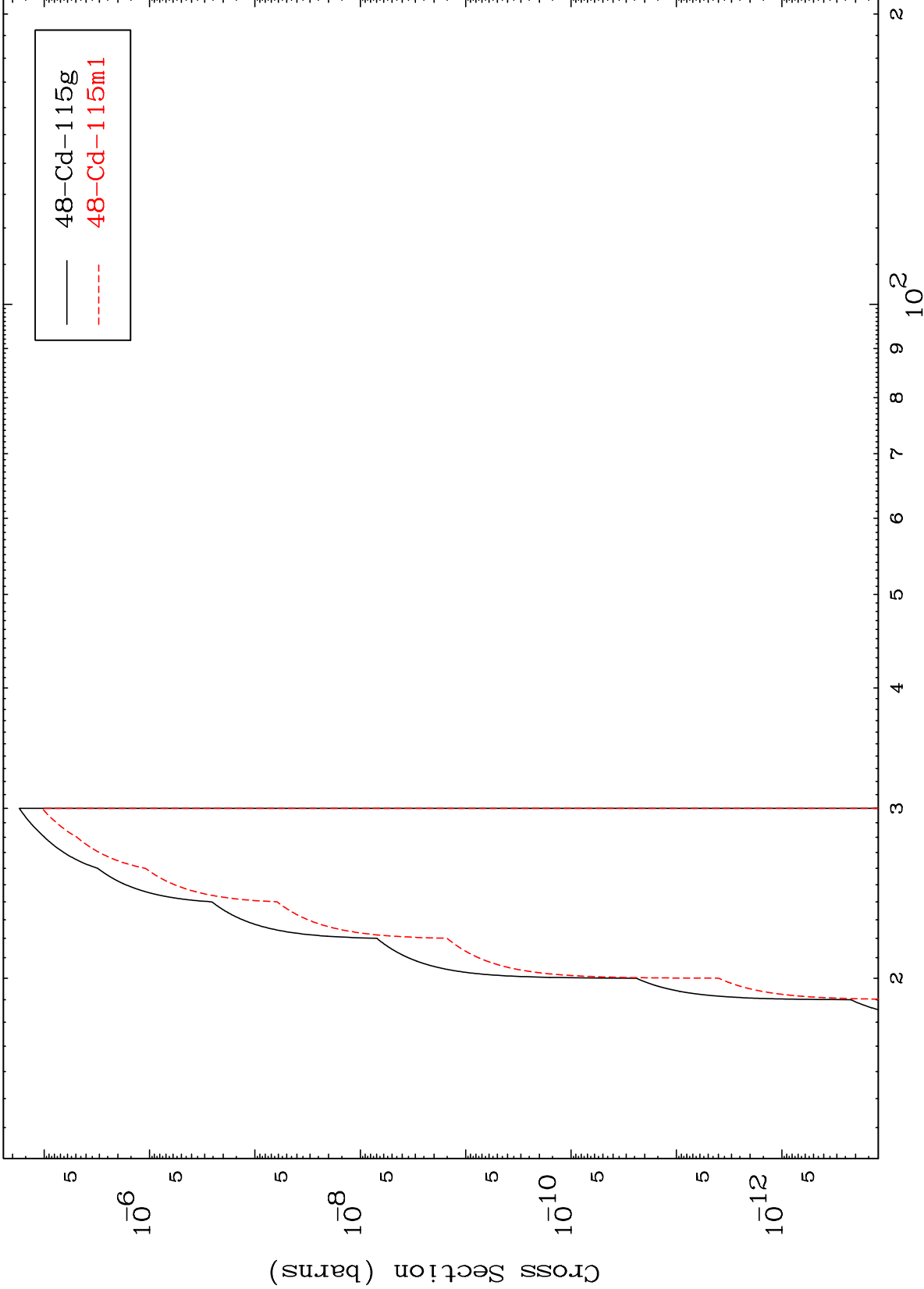
11

MAT 5049

(n, n') α

50-Sn-120

Radionuclide Production Cross Section



12

Incident Energy (MeV)

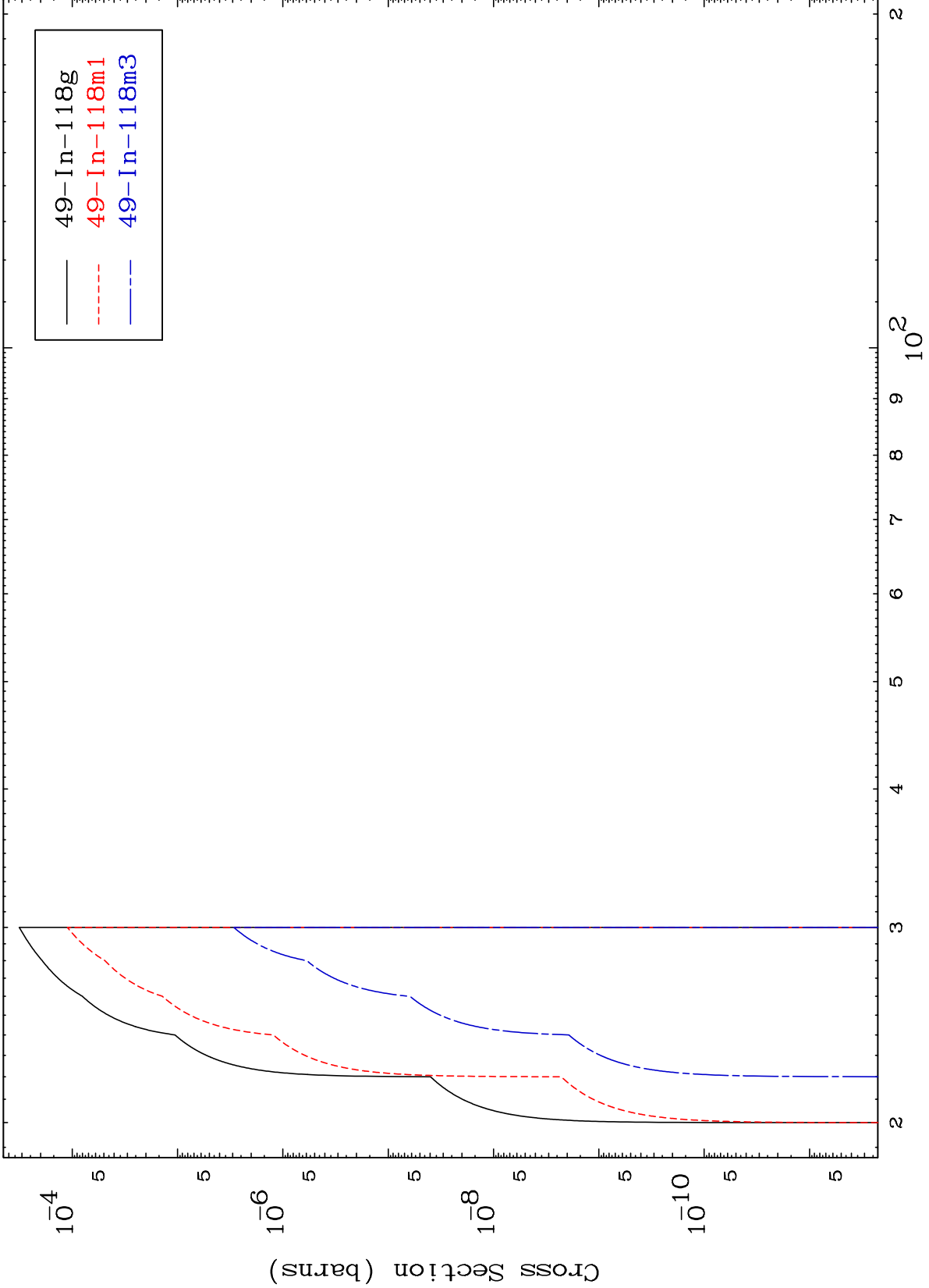
50-Sn-120

MAT 5049

(n,n') p

50-Sn-120

Radionuclide Production Cross Section



13

Incident Energy (MeV)

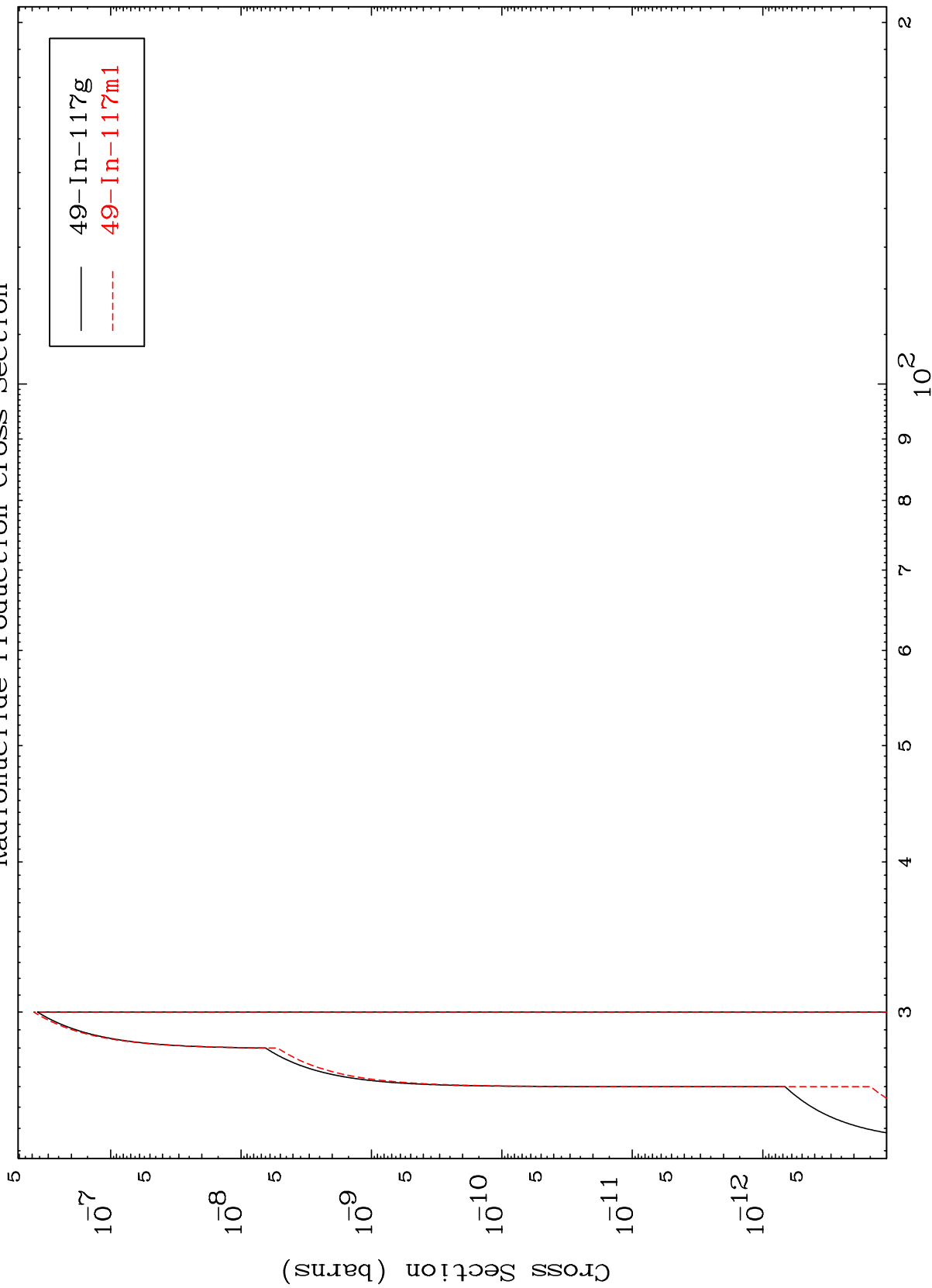
50-Sn-120

MAT 5049

(n,n') d

50-Sn-120

Radionuclide Production Cross Section



14

Incident Energy (MeV)

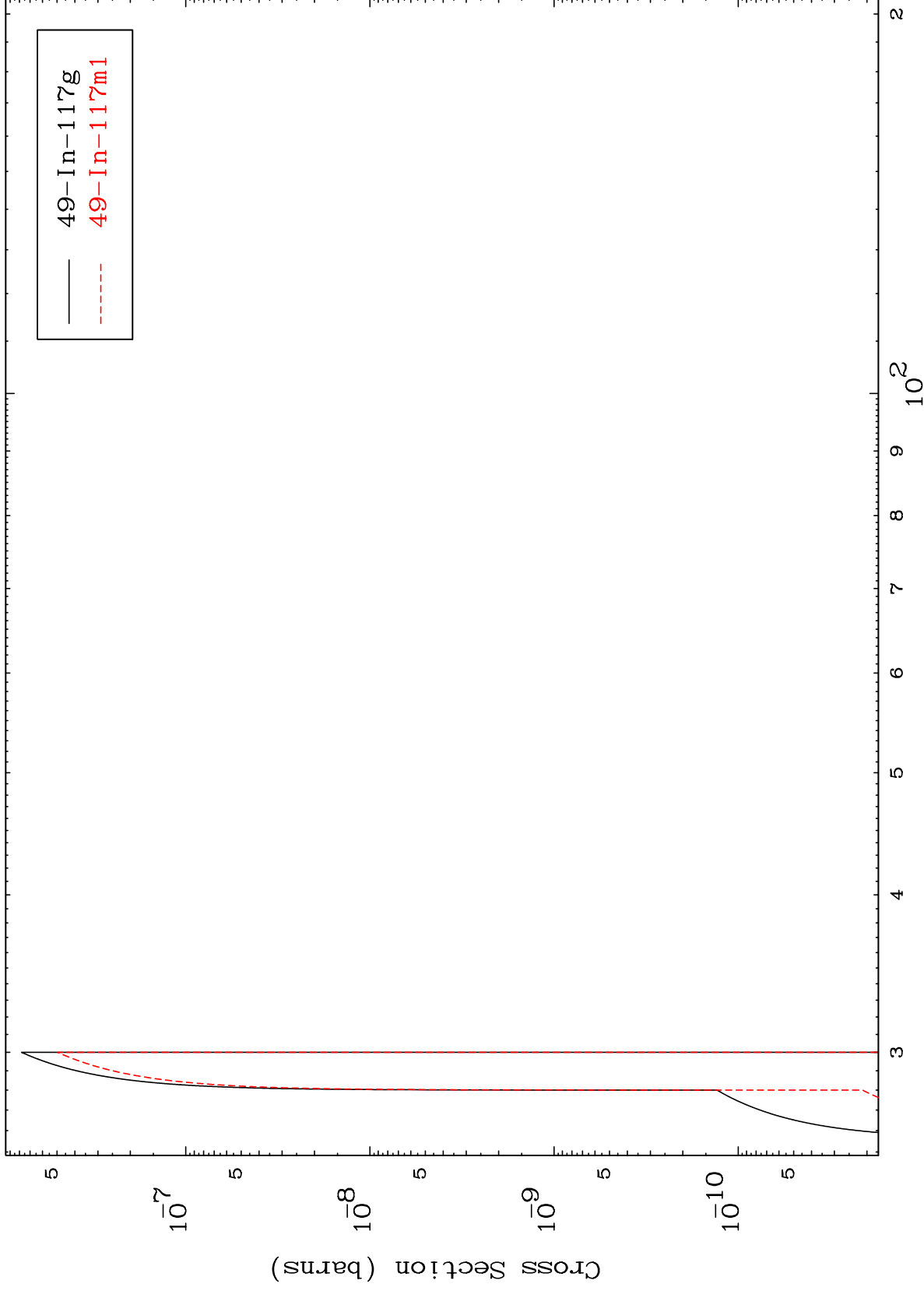
50-Sn-120

MAT 5049

(n,2n) p

50-Sn-120

Radionuclide Production Cross Section



15

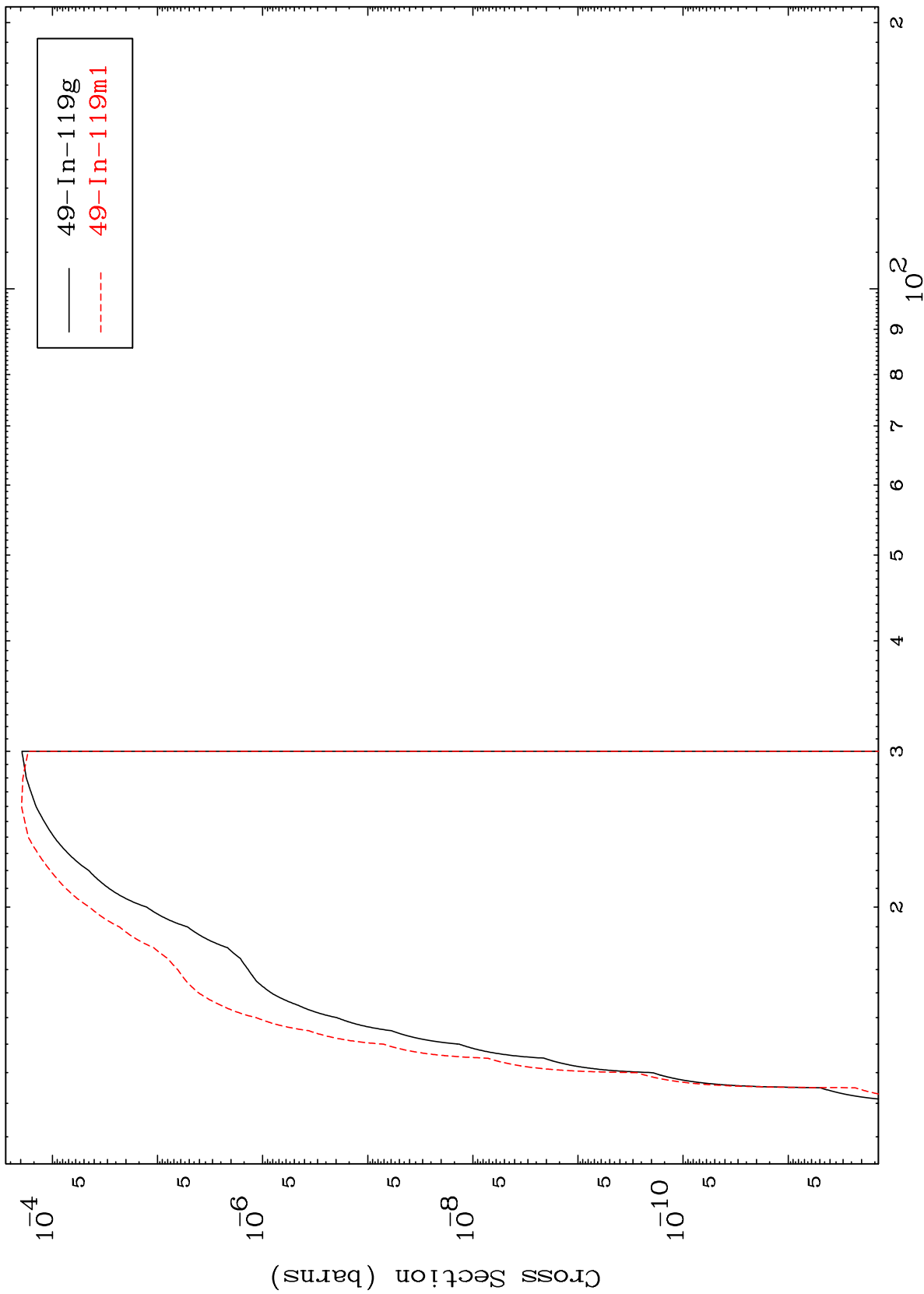
Incident Energy (MeV)

50-Sn-120

MAT 5049

50-Sn-120

(n,p)
Radionuclide Production Cross Section



50-Sn-120

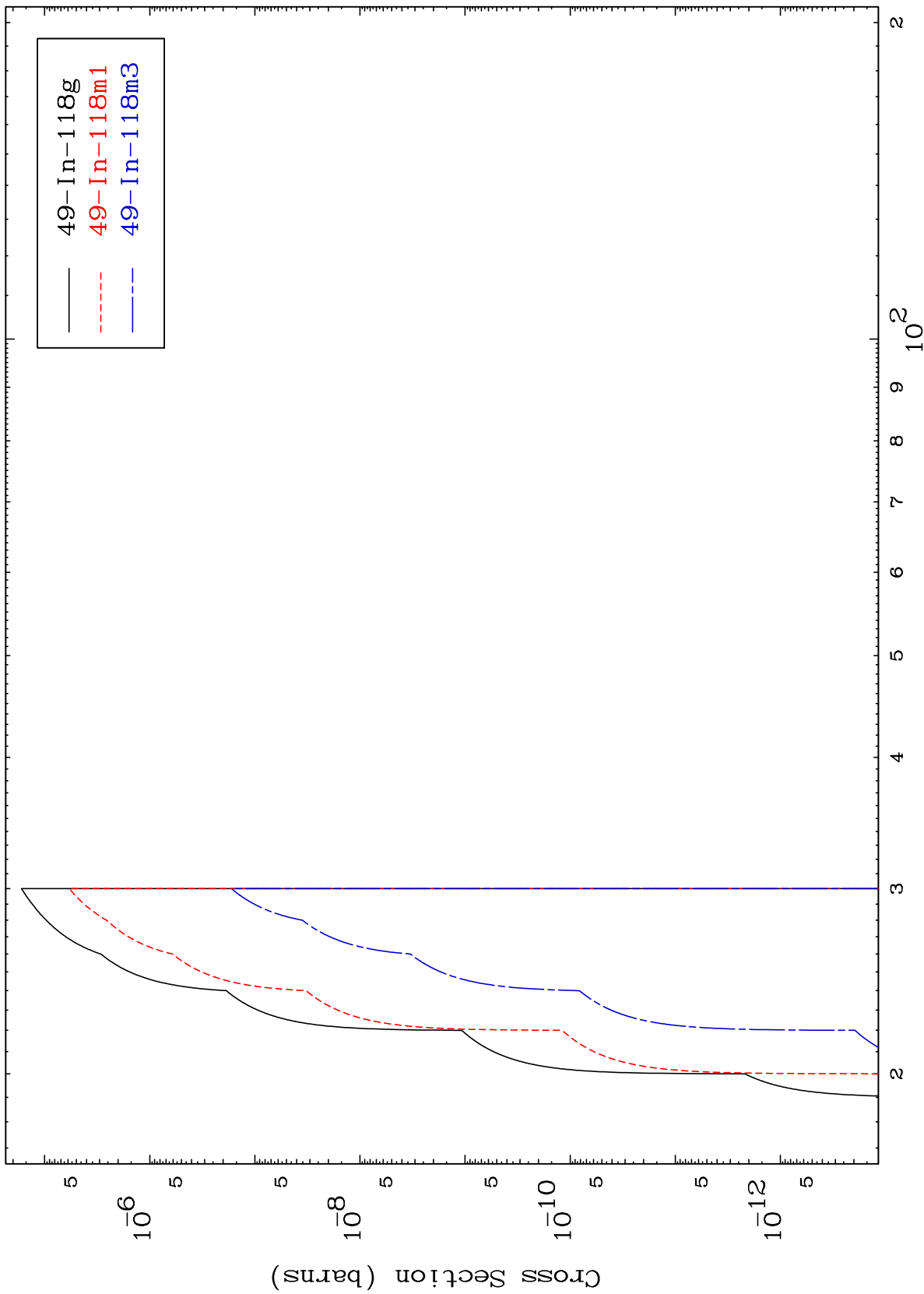
Incident Energy (MeV)

16

MAT 5049

50-Sn-120

(n,d)
Radionuclide Production Cross Section



50-Sn-120

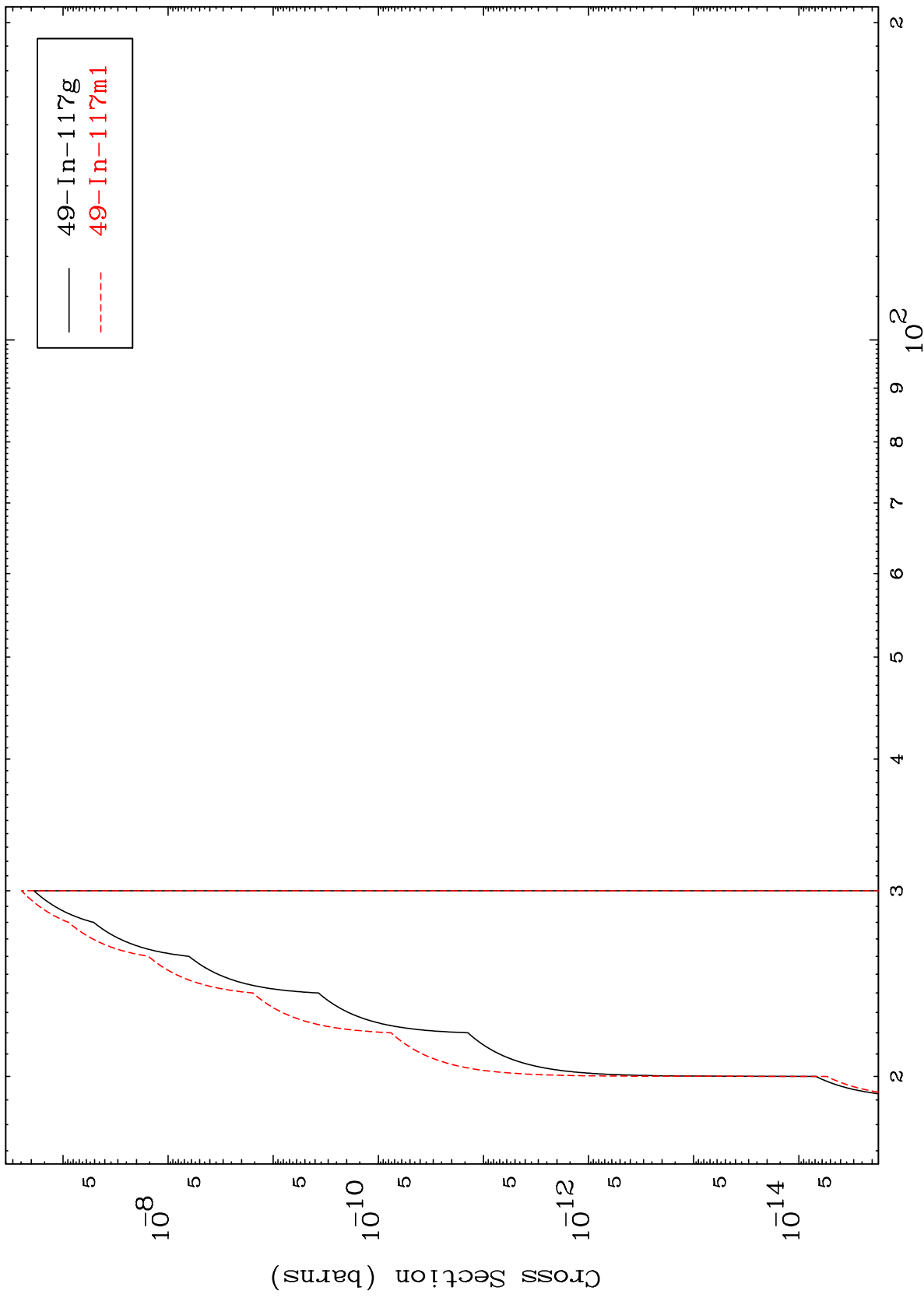
Incident Energy (MeV)

17

MAT 5049

50-Sn-120

(n,t)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

50-Sn-120