

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

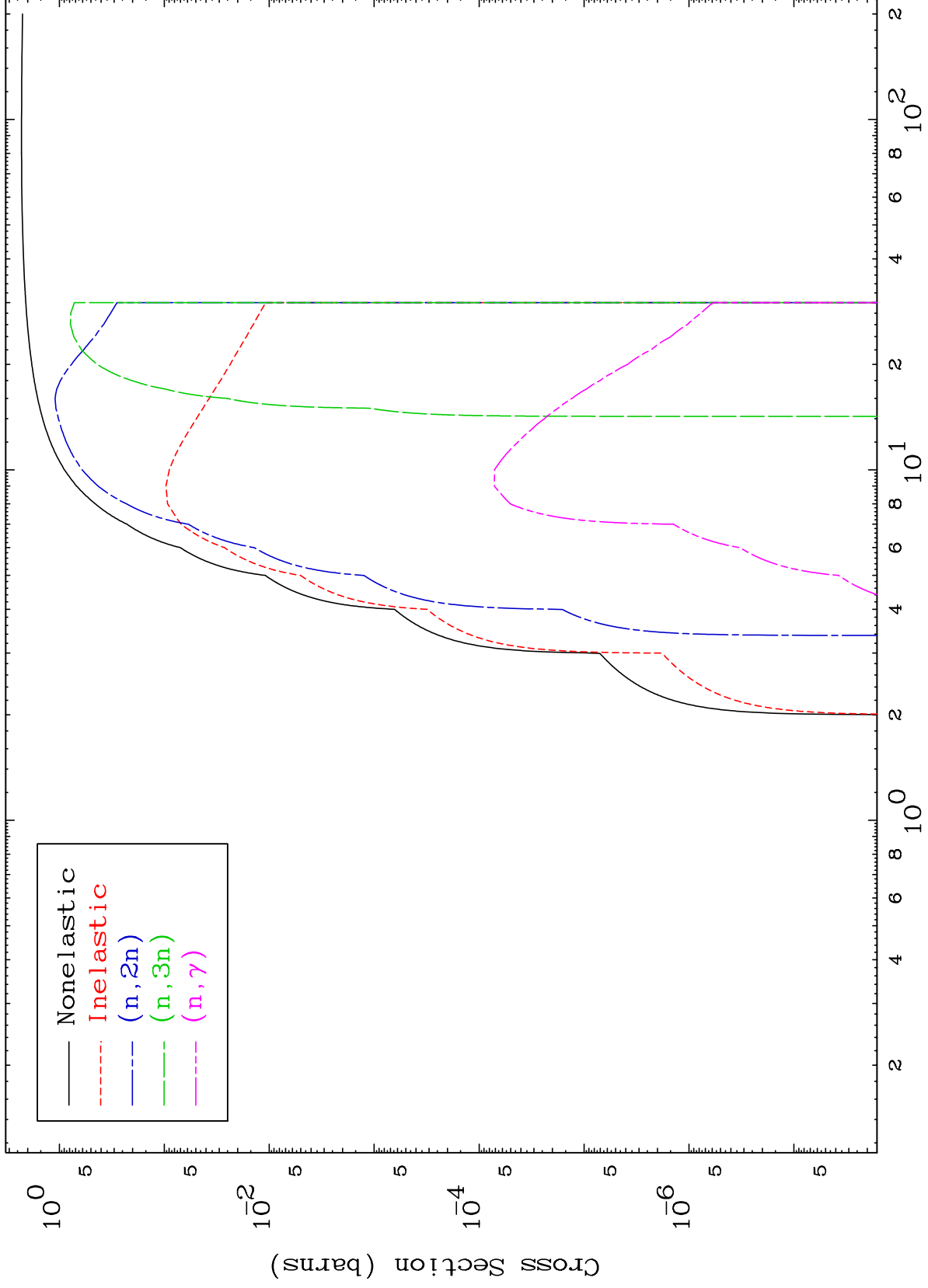
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Web: redcullen1.net/HOMEPAGE.NEW

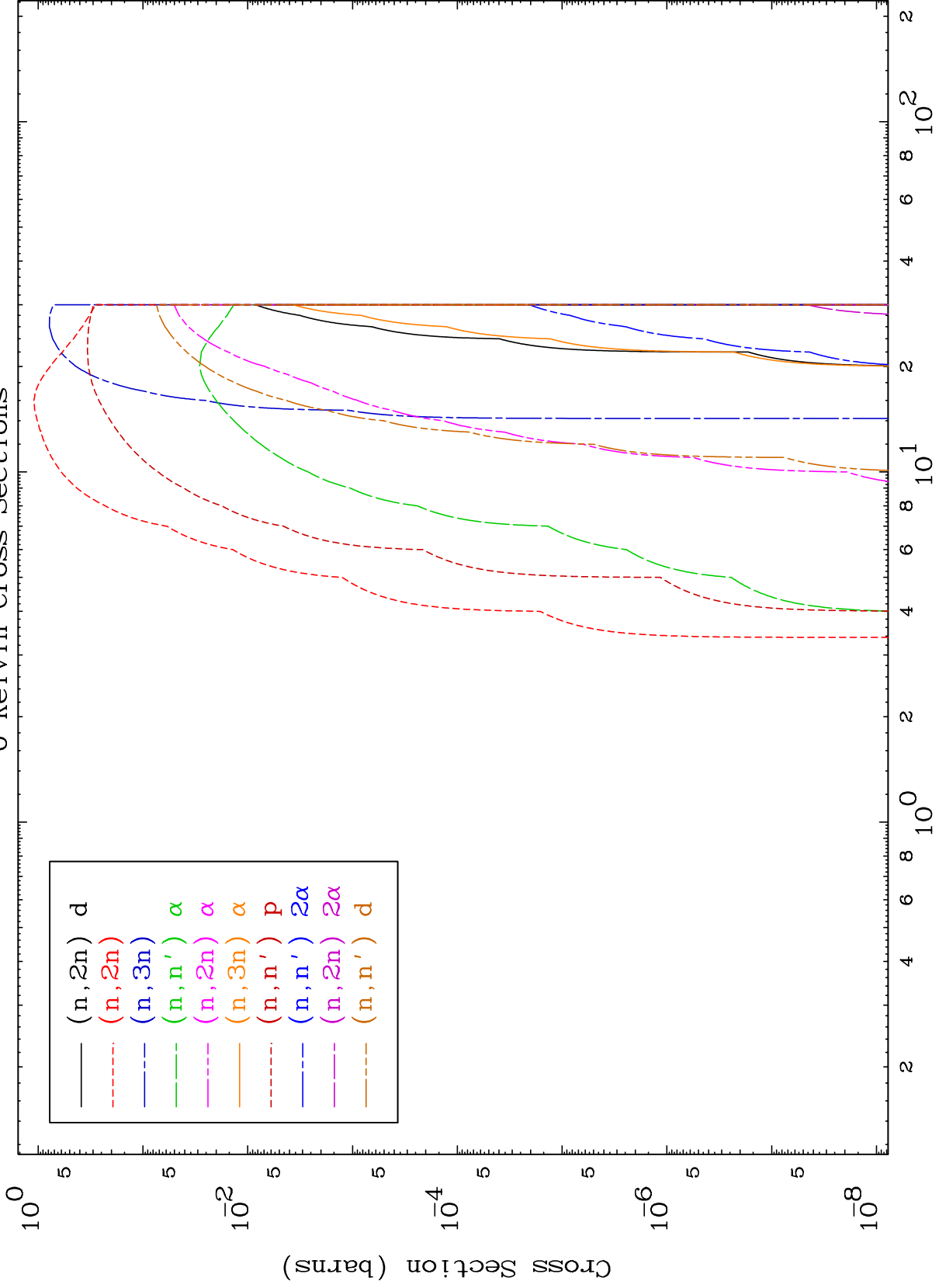
Press Mouse Button to Start

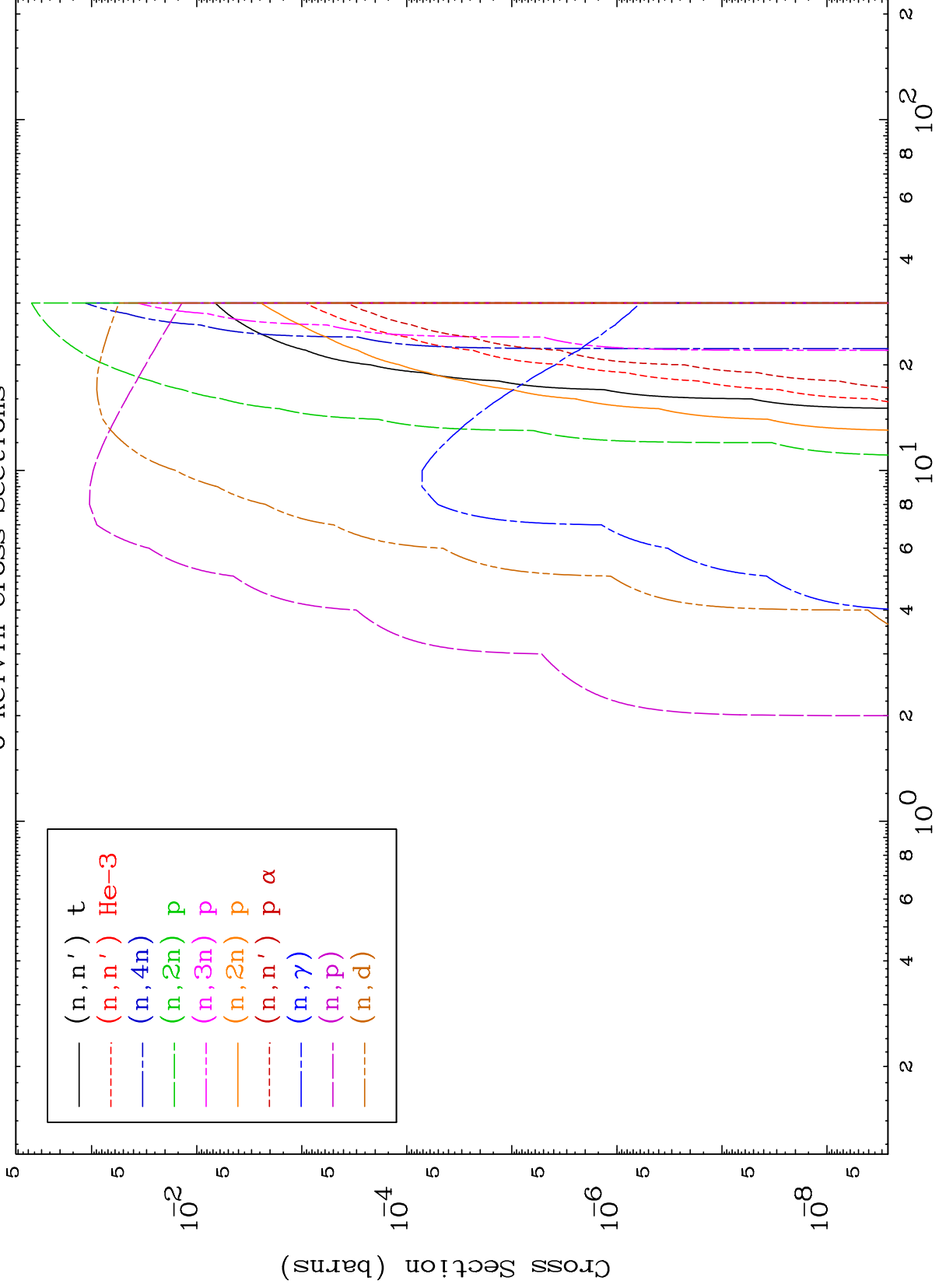


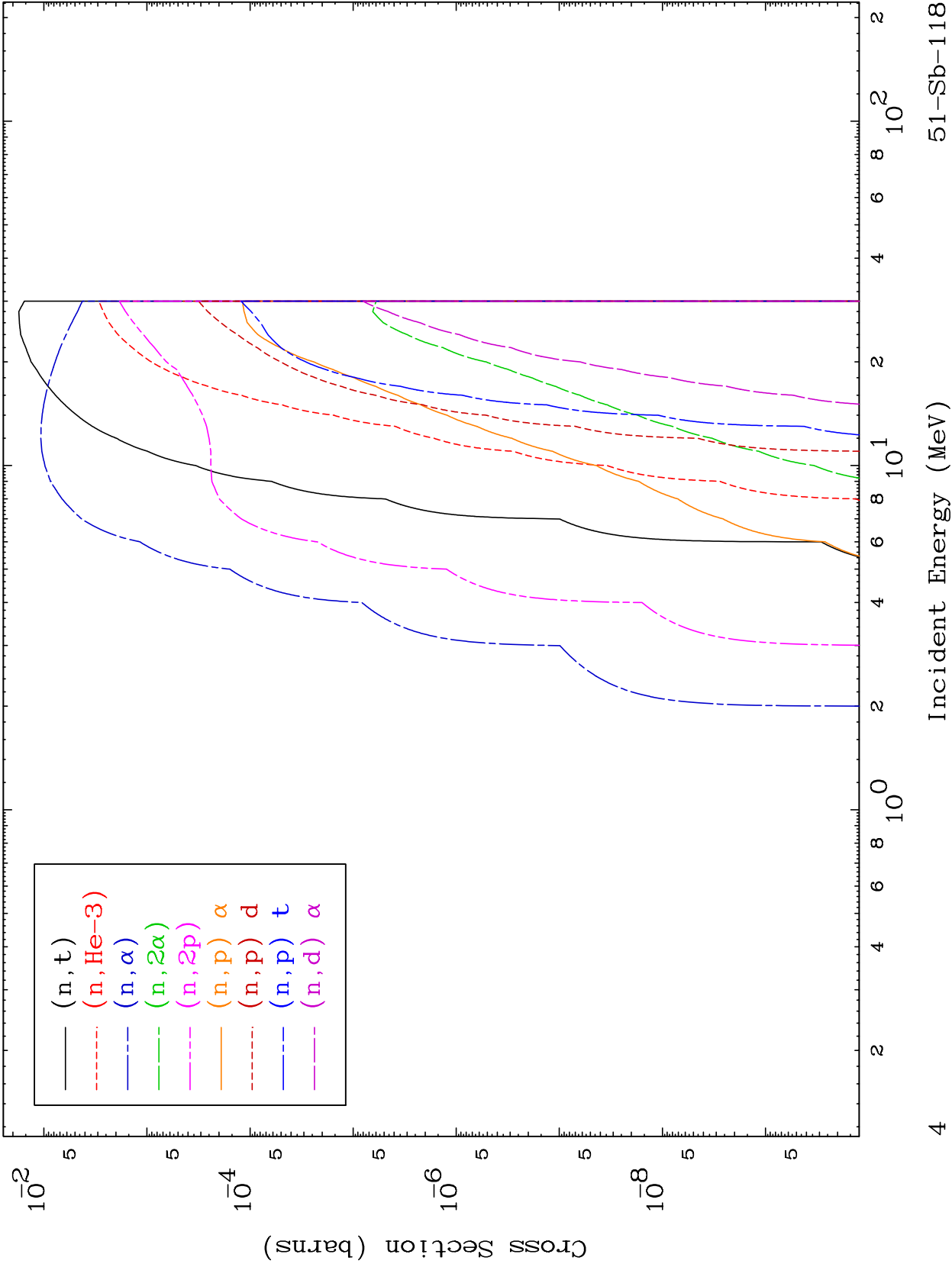
MAT 5116

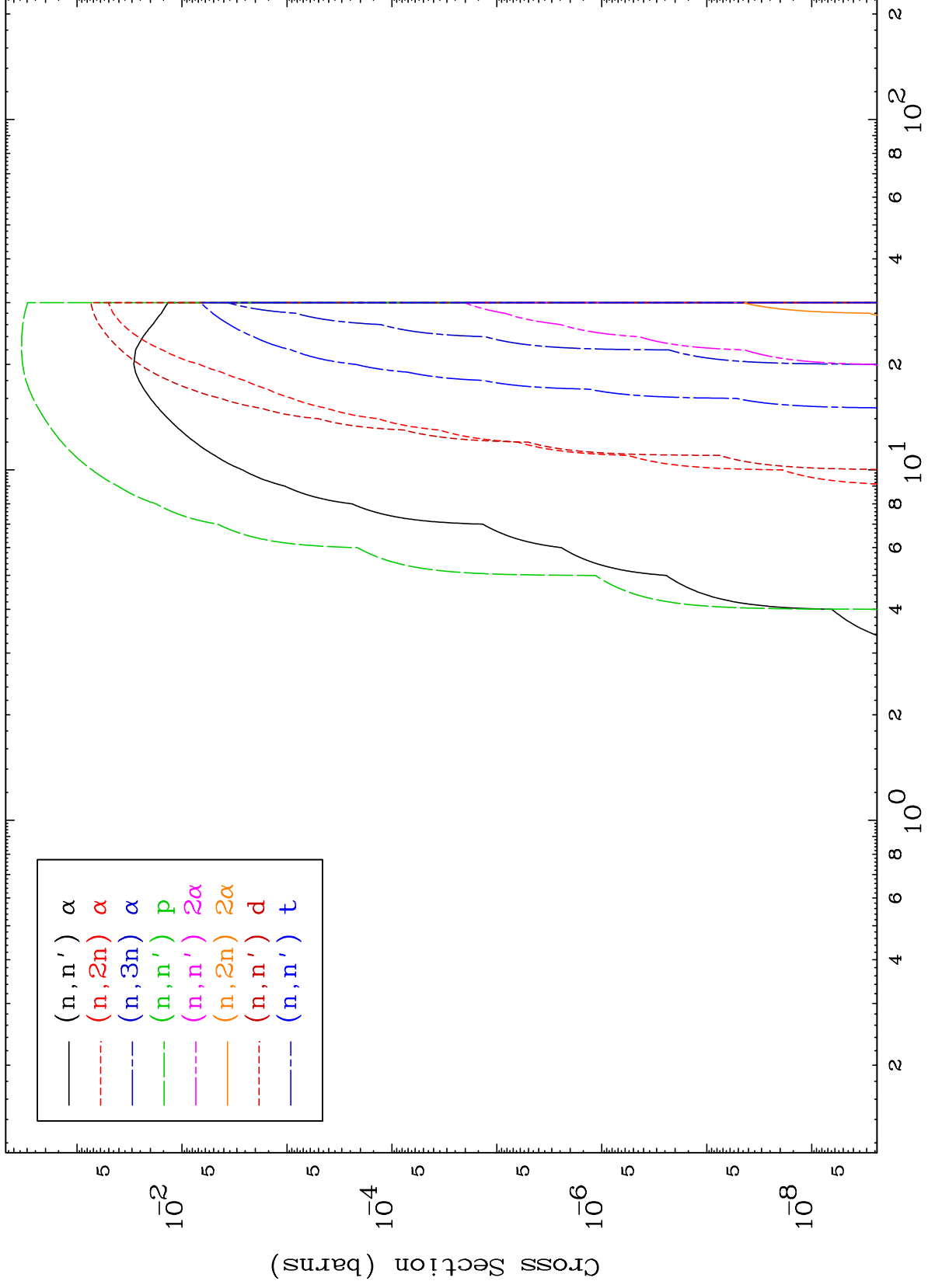
Deuteron Neutron Absorption
0 Kelvin Cross Sections

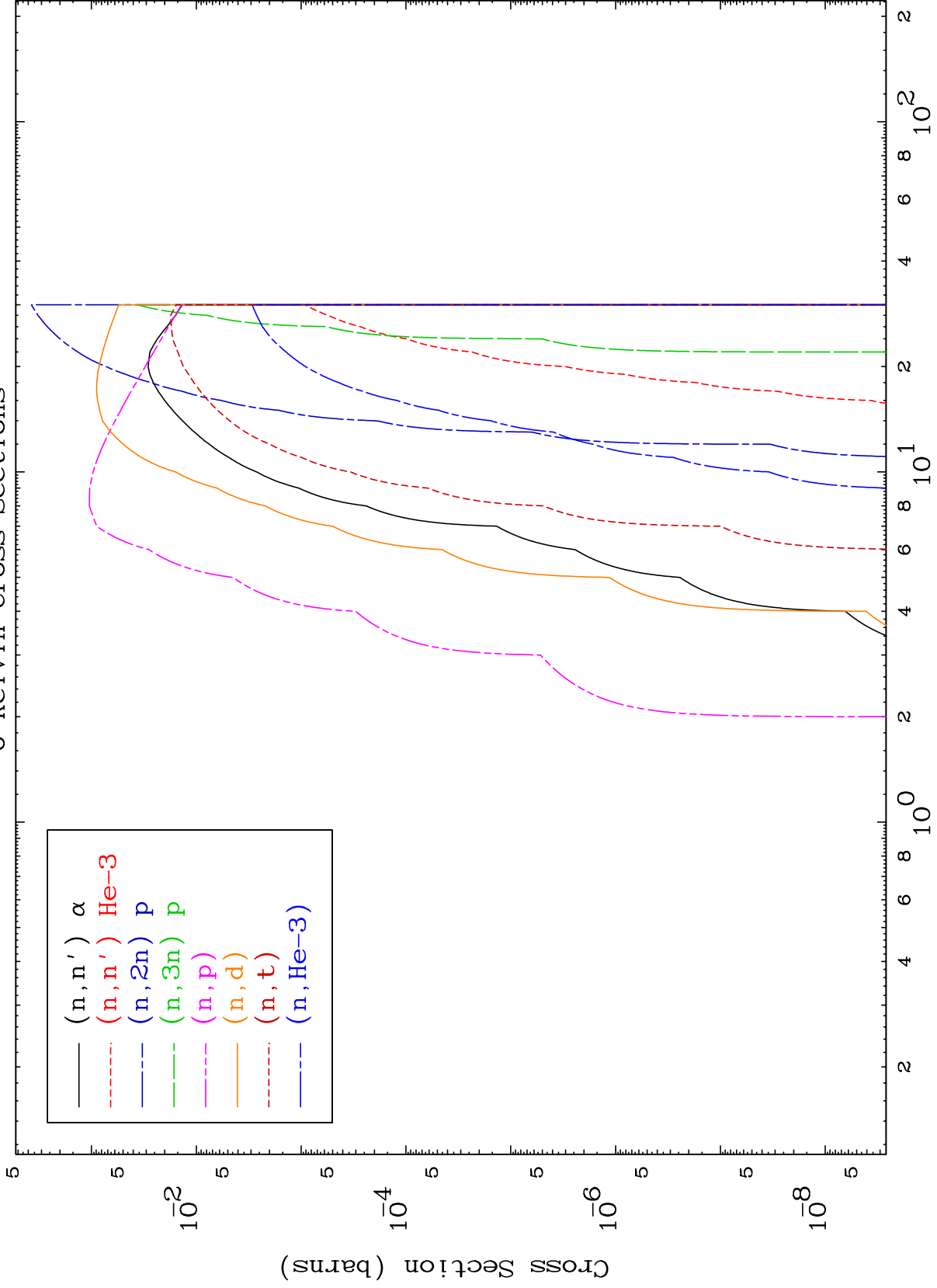
51-Sb-118

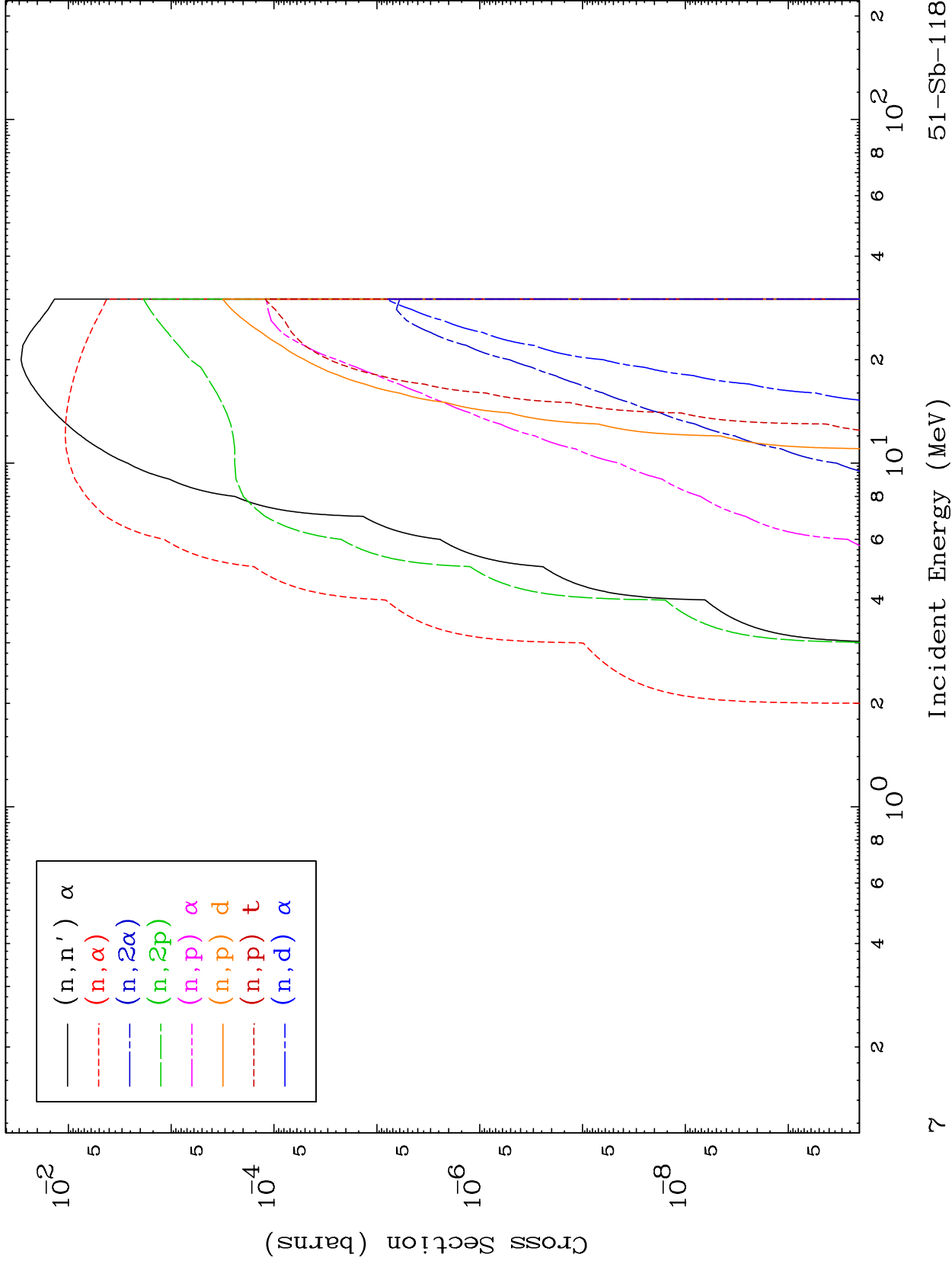








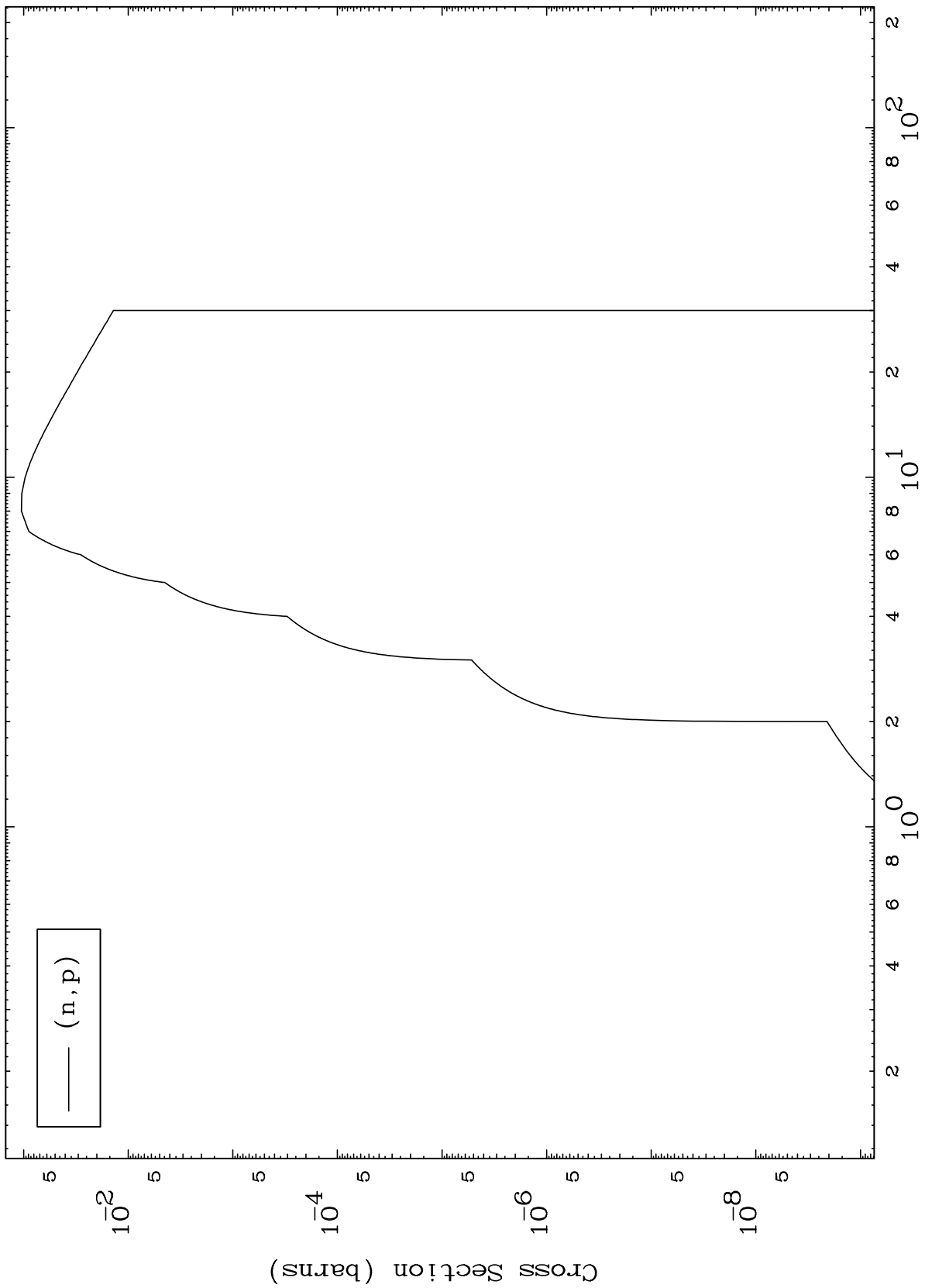




MAT 51116

51-Sb-118

(d,p) Levels
0 Kelvin Cross Sections

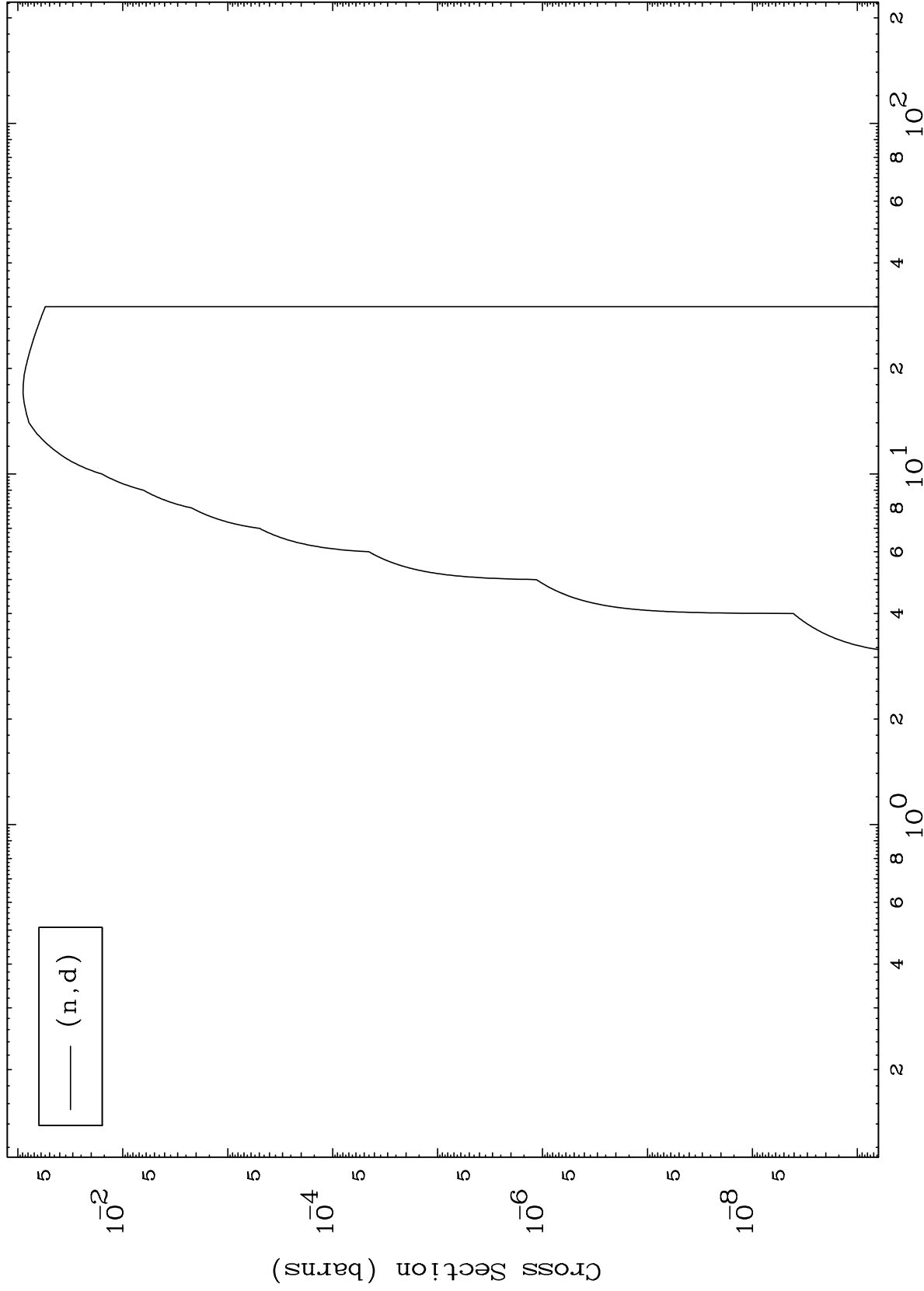


MAT 51116

(d,d) Levels

51-Sb-118

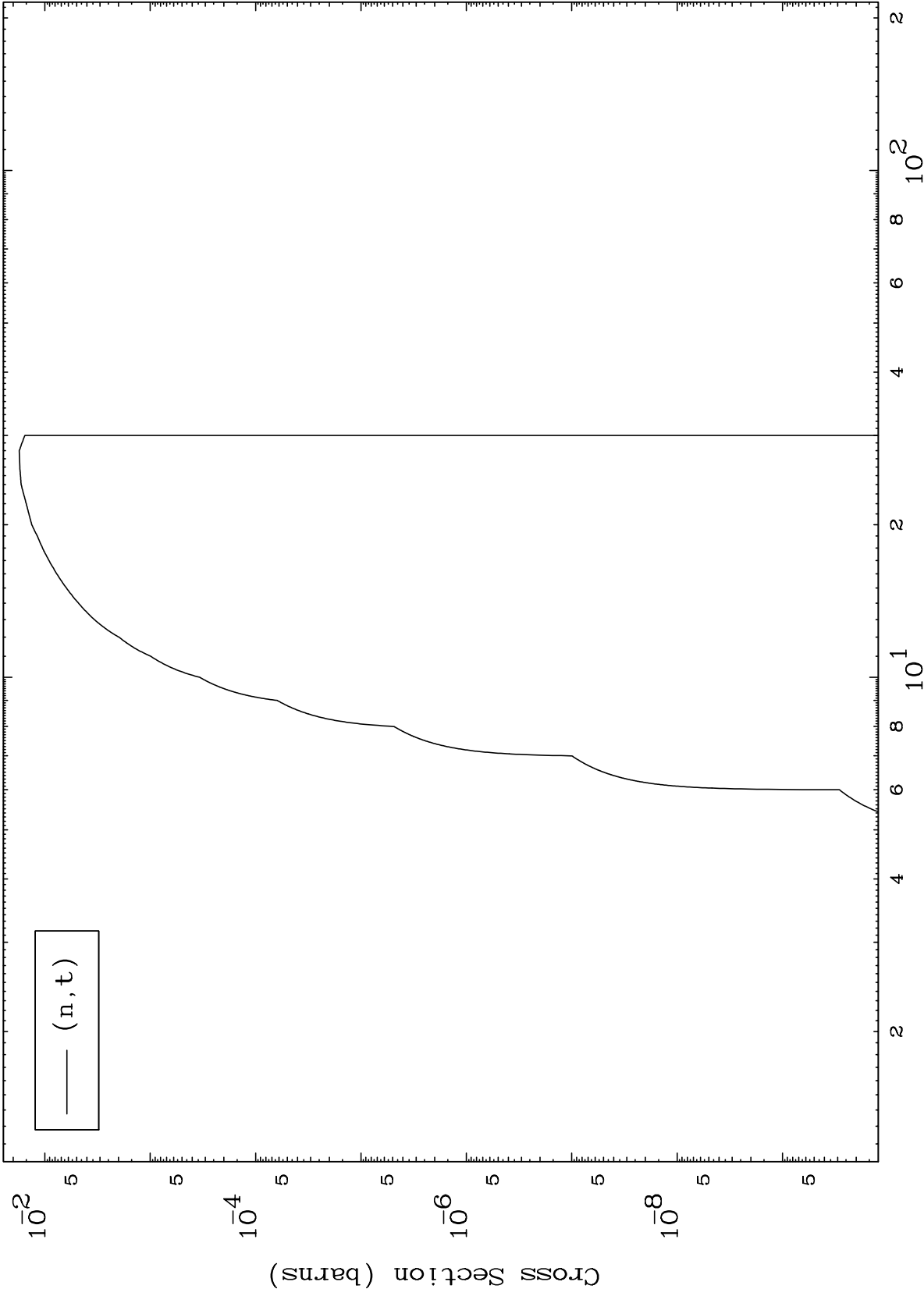
0 Kelvin Cross Sections



MAT 51116

51-Sb-118

(d,t) Levels
0 Kelvin Cross Sections

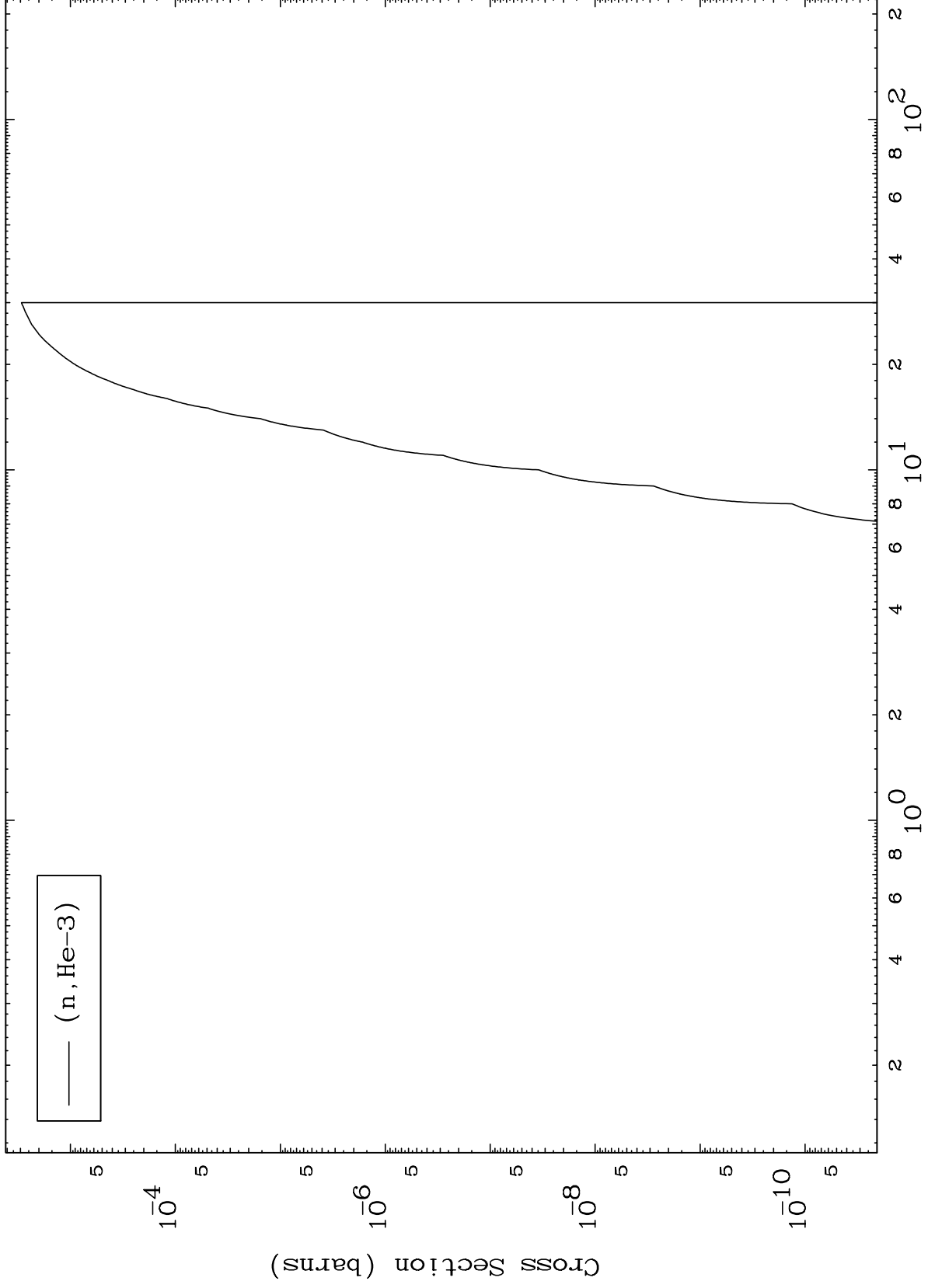


10

Incident Energy (MeV)

51-Sb-118

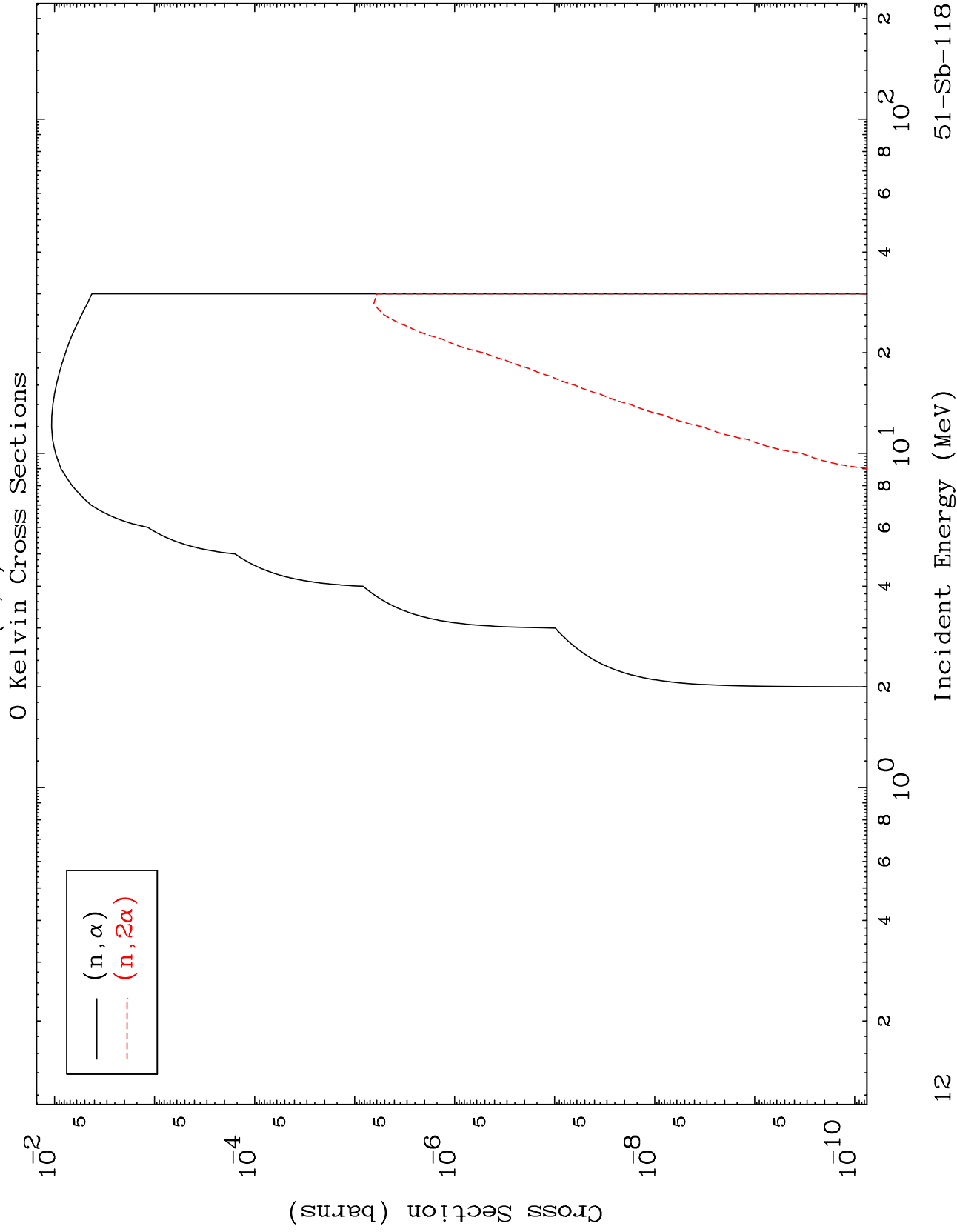
0 Kelvin Cross Sections



MAT 51116

(d, α) Levels

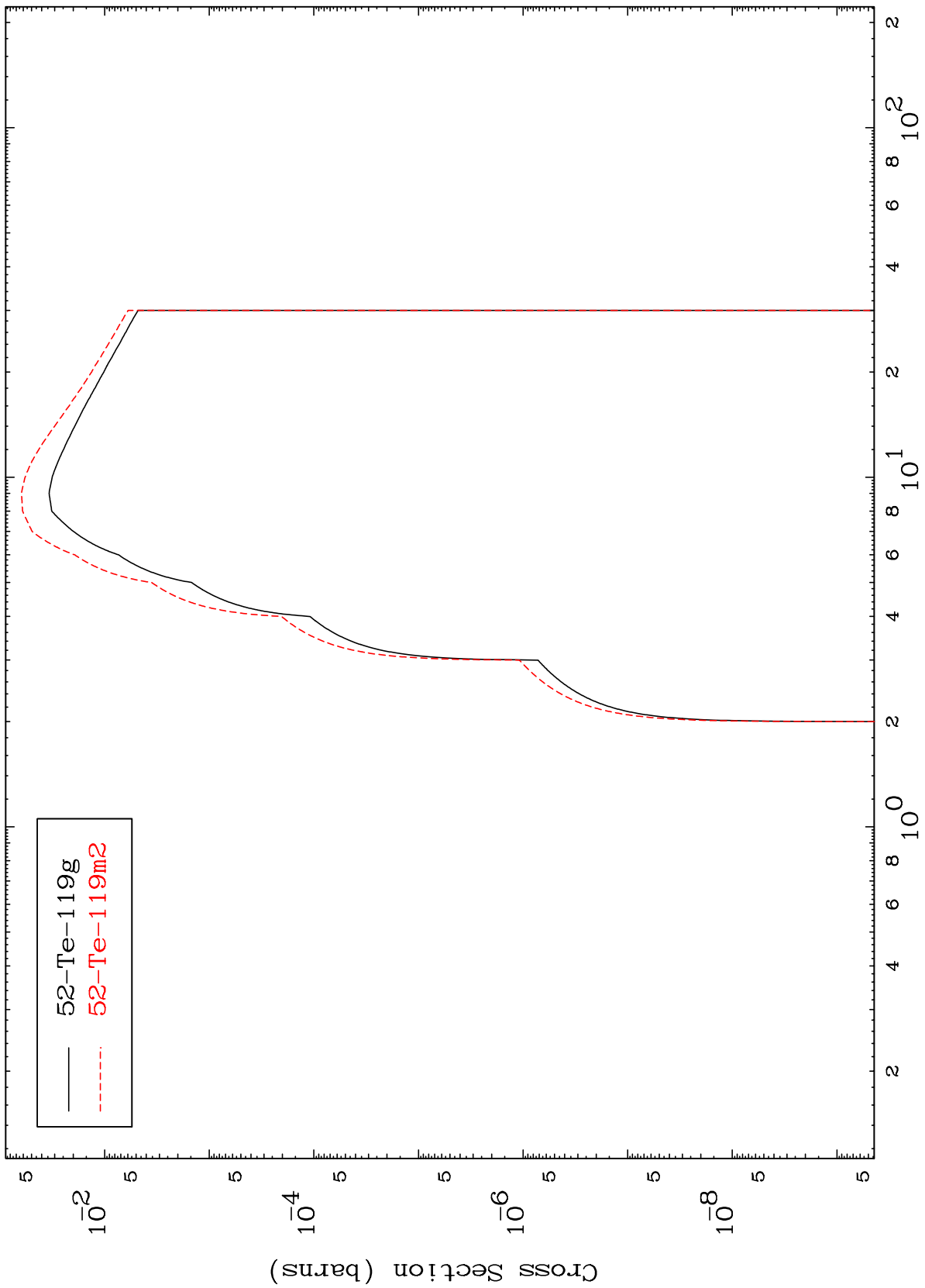
51-Sb-118



MAT 5116

51-Sb-118

Inelastic
Radionuclide Production Cross Section



52-Te-119g
52-Te-119m2

51-Sb-118

Incident Energy (MeV)

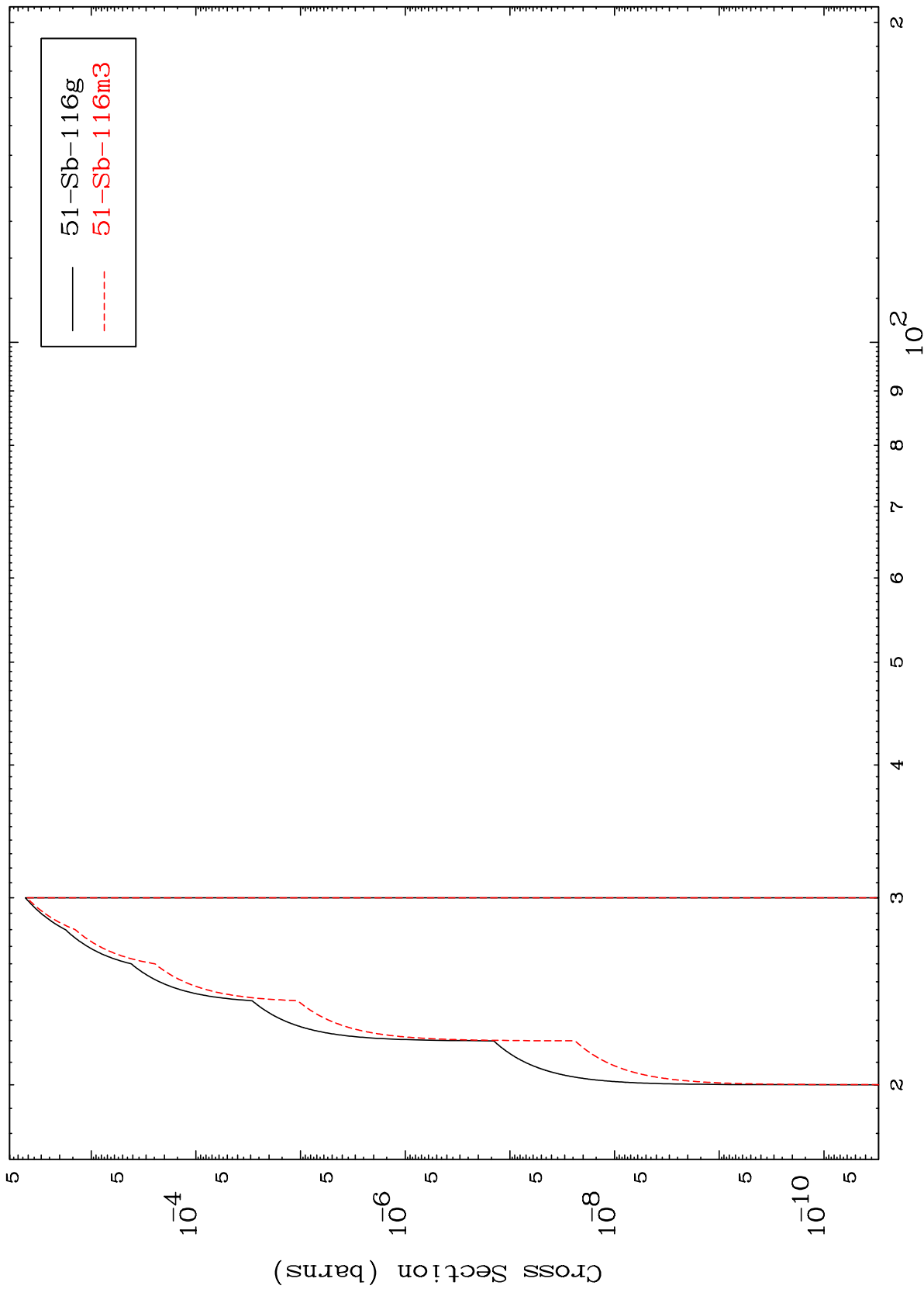
13

MAT 5116

(n,2n) d

51-Sb-118

Radionuclide Production Cross Section

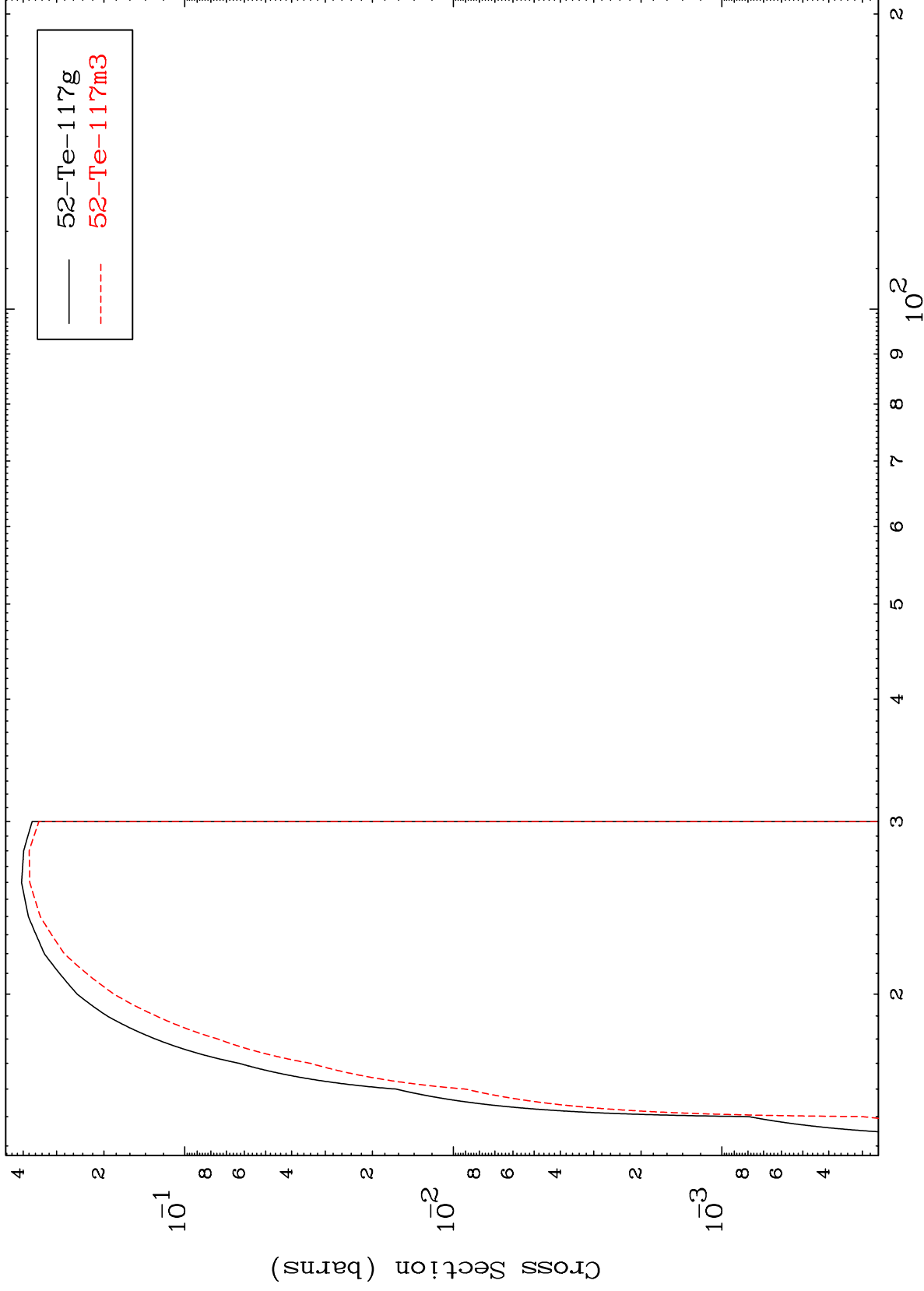


14

Incident Energy (MeV)

51-Sb-118

Radionuclide Production Cross Section



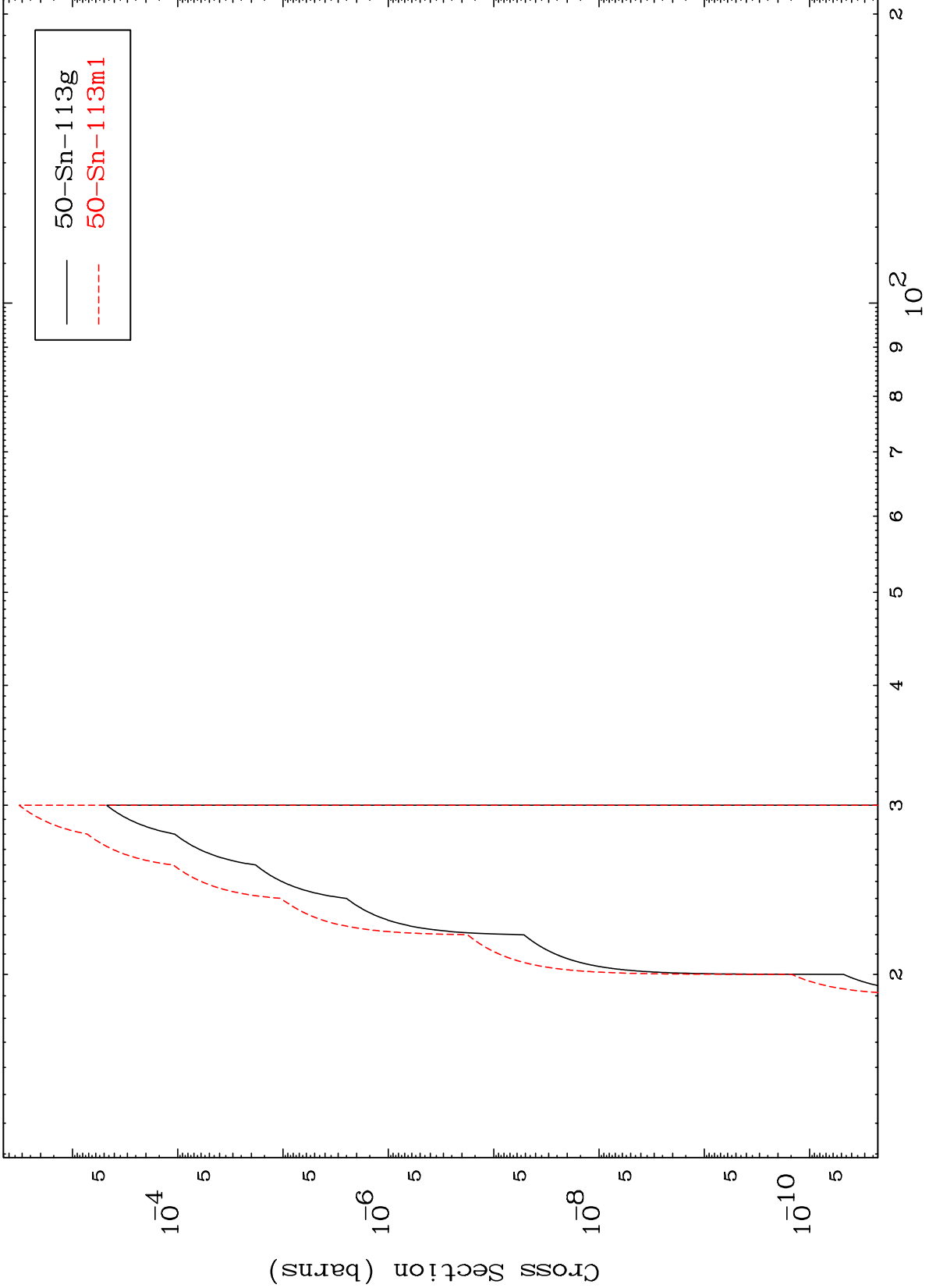
52-Te-117g
52-Te-117m3

MAT 5116

(n,3n) α

51-Sb-118

Radionuclide Production Cross Section



16

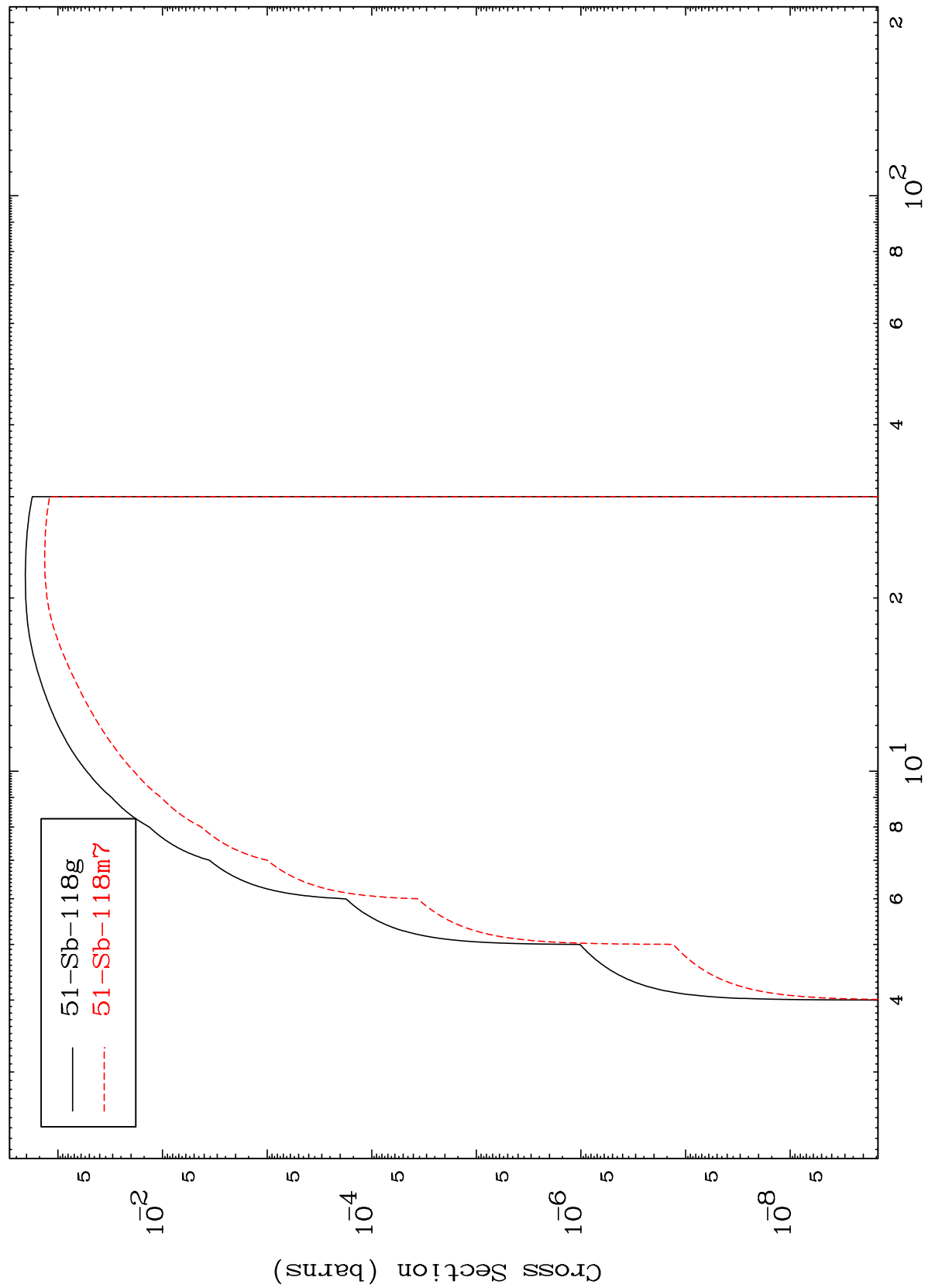
Incident Energy (MeV)

51-Sb-118

MAT 5116

51-Sb-118

(n,n') p
Radionuclide Production Cross Section



51-Sb-118

Incident Energy (MeV)

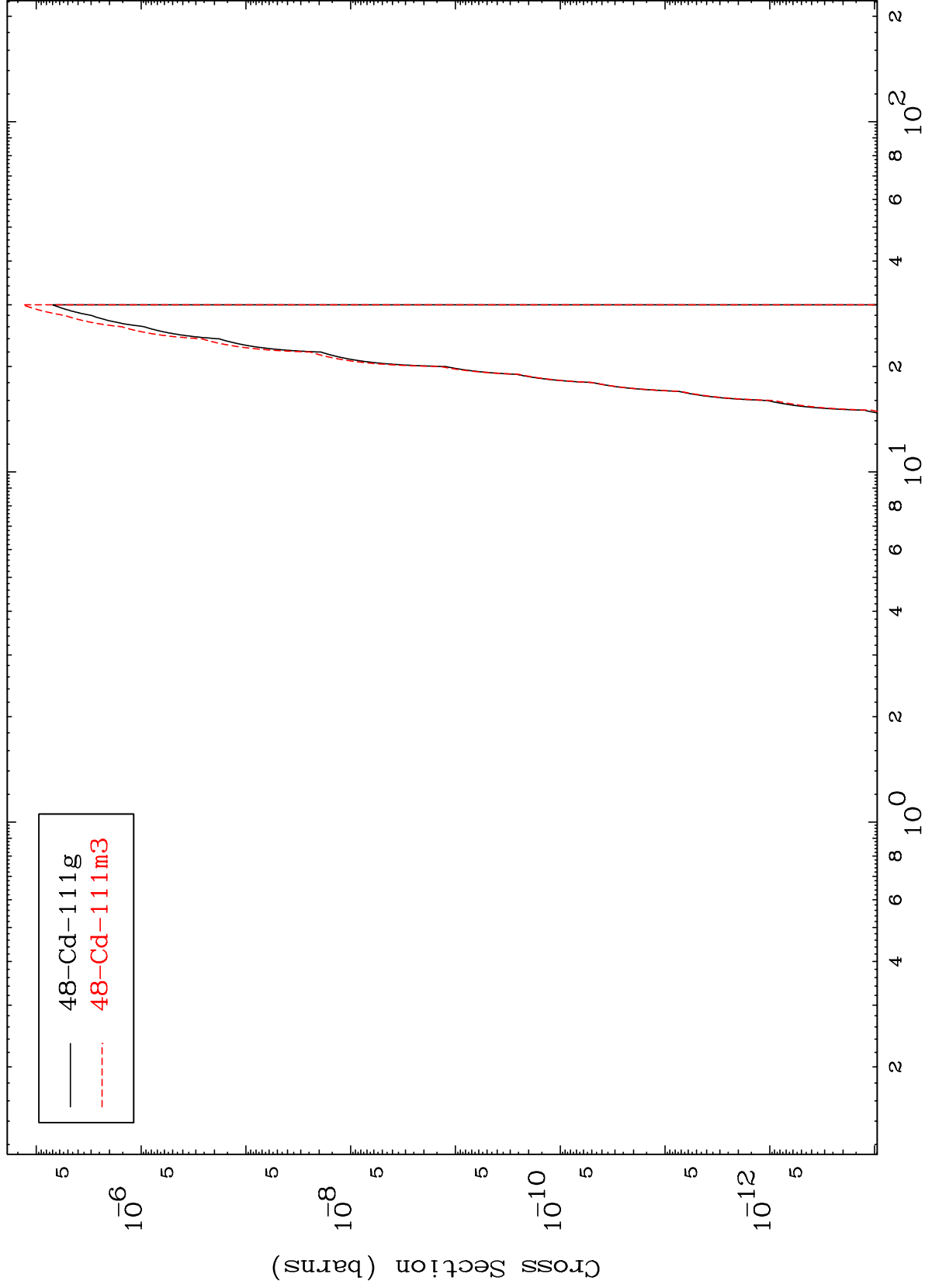
17

MAT 5116

(n,n') 2 α

51-Sb-118

Radionuclide Production Cross Section

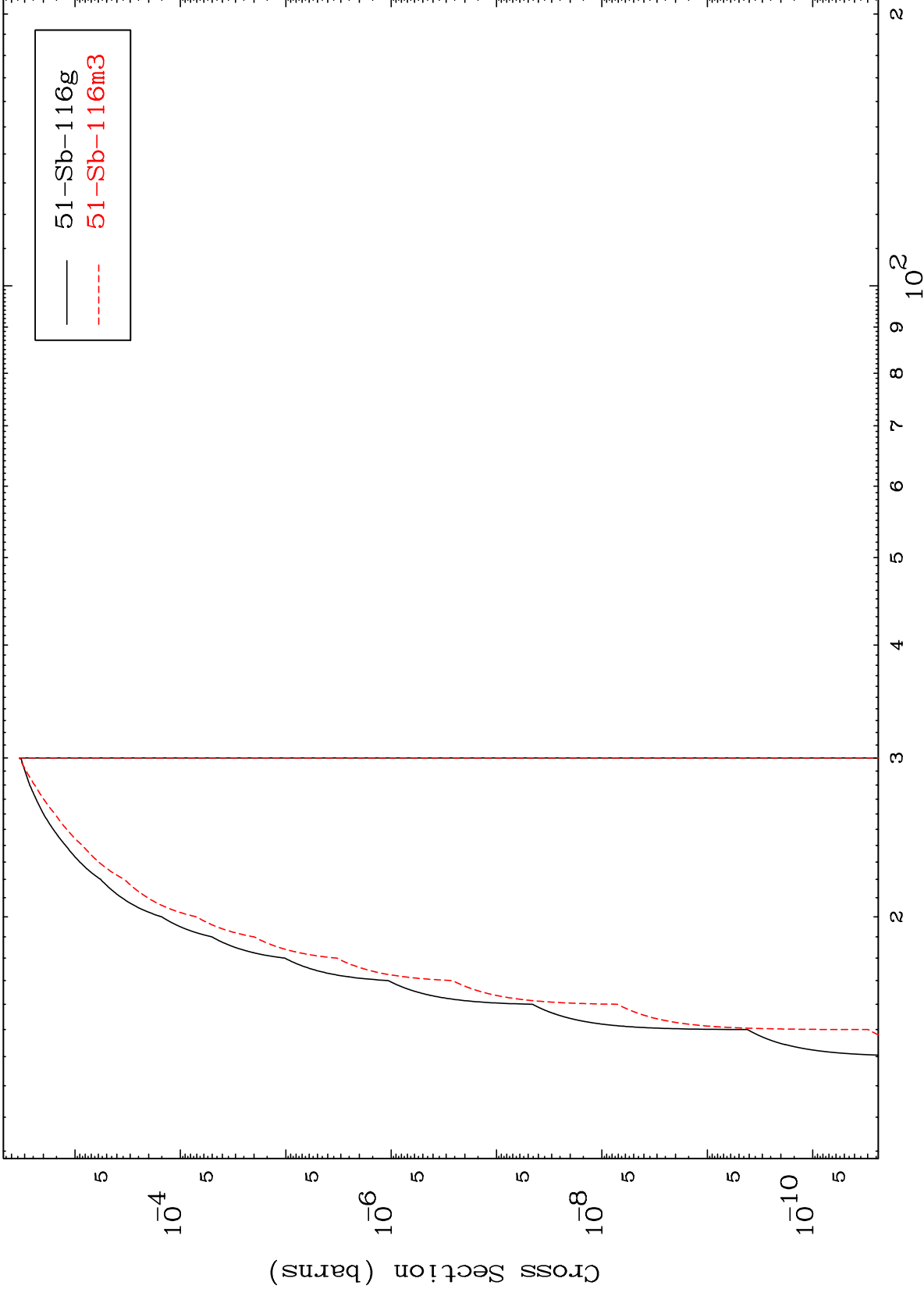


18

Incident Energy (MeV)

51-Sb-118

Radionuclide Production Cross Section



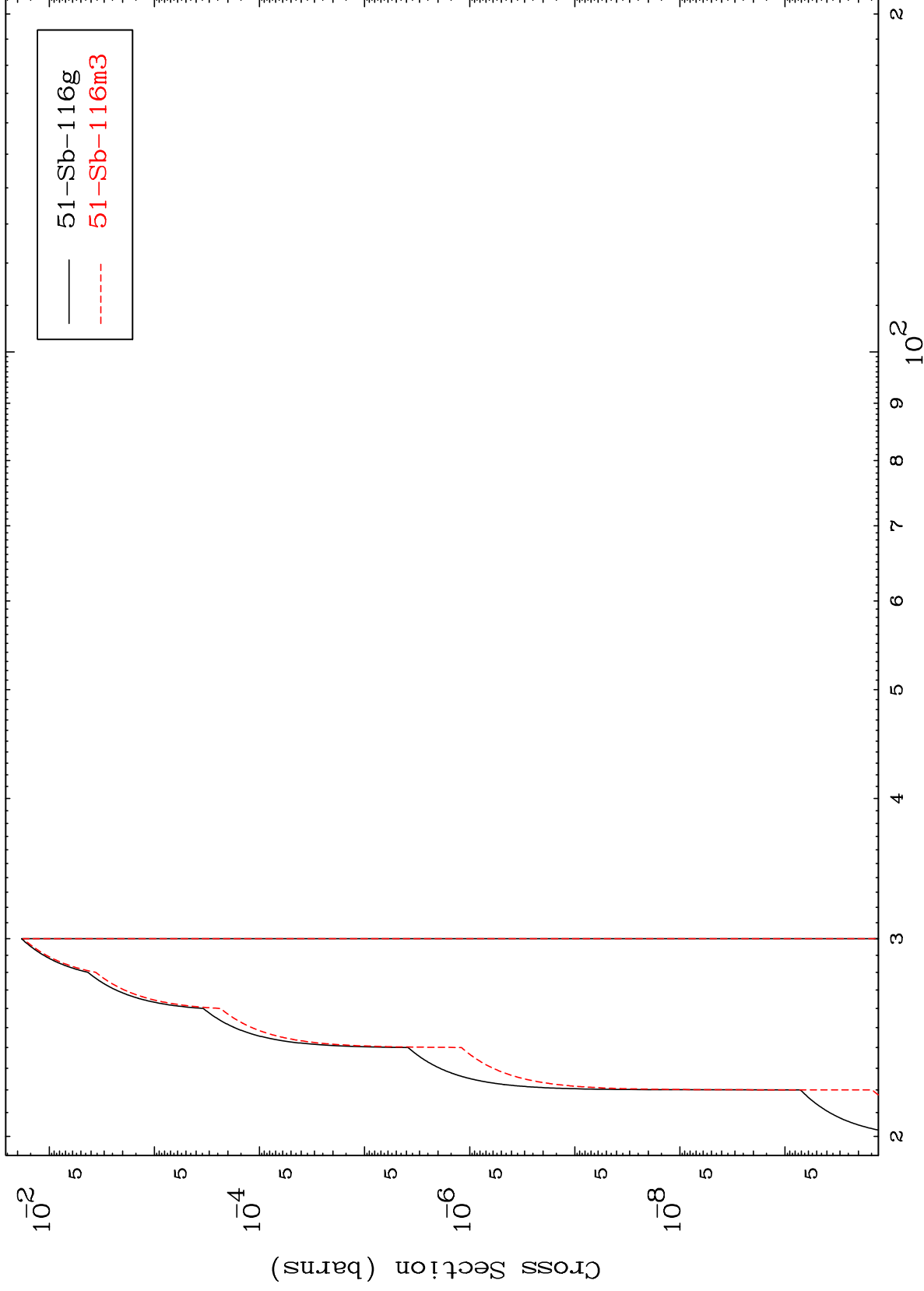
51-Sb-116g
51-Sb-116m3

MAT 5116

(n,3n) p

51-Sb-118

Radionuclide Production Cross Section



20

Incident Energy (MeV)

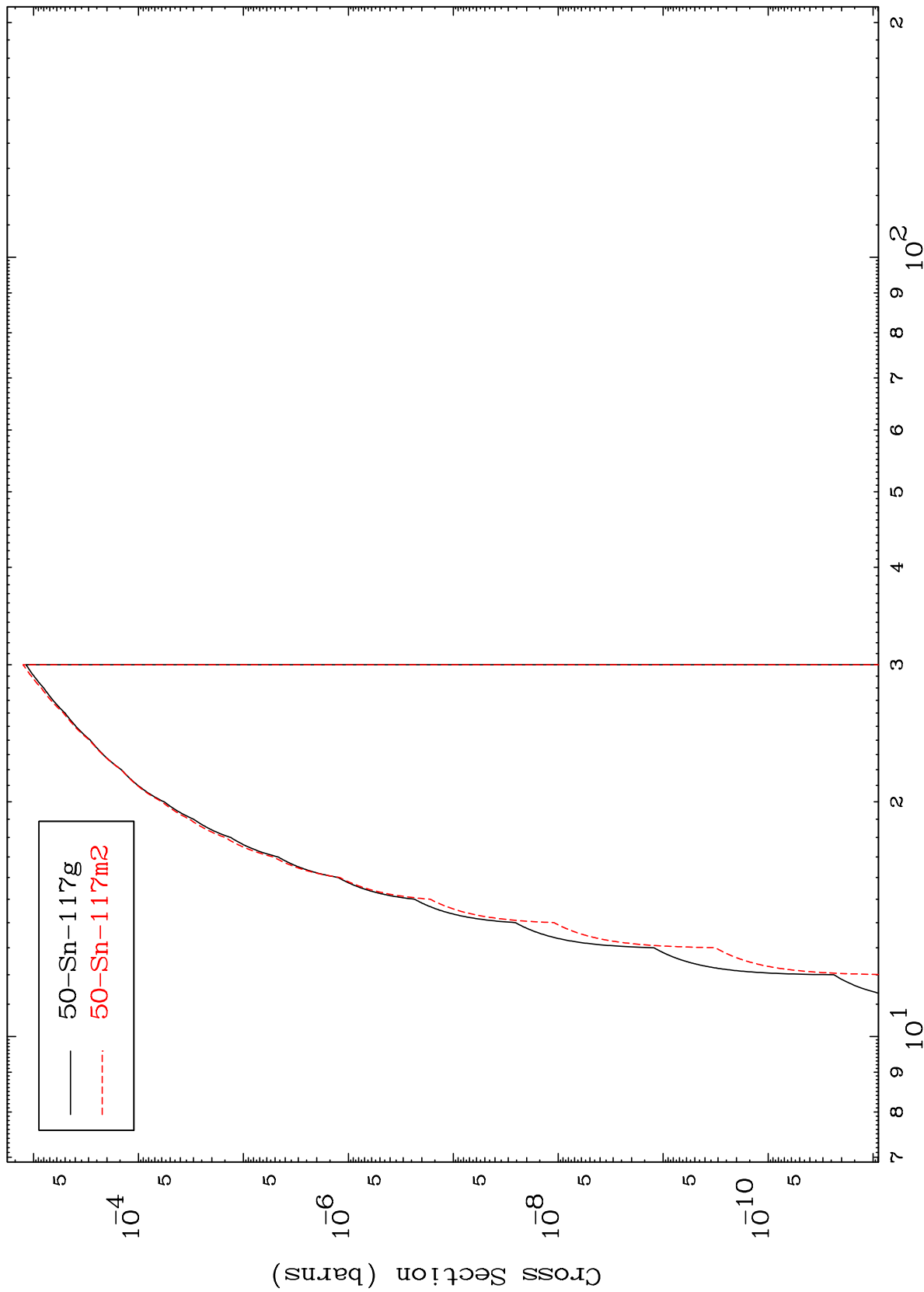
51-Sb-118

MAT 5116

(n,2n) p

51-Sb-118

Radionuclide Production Cross Section



21

Incident Energy (MeV)

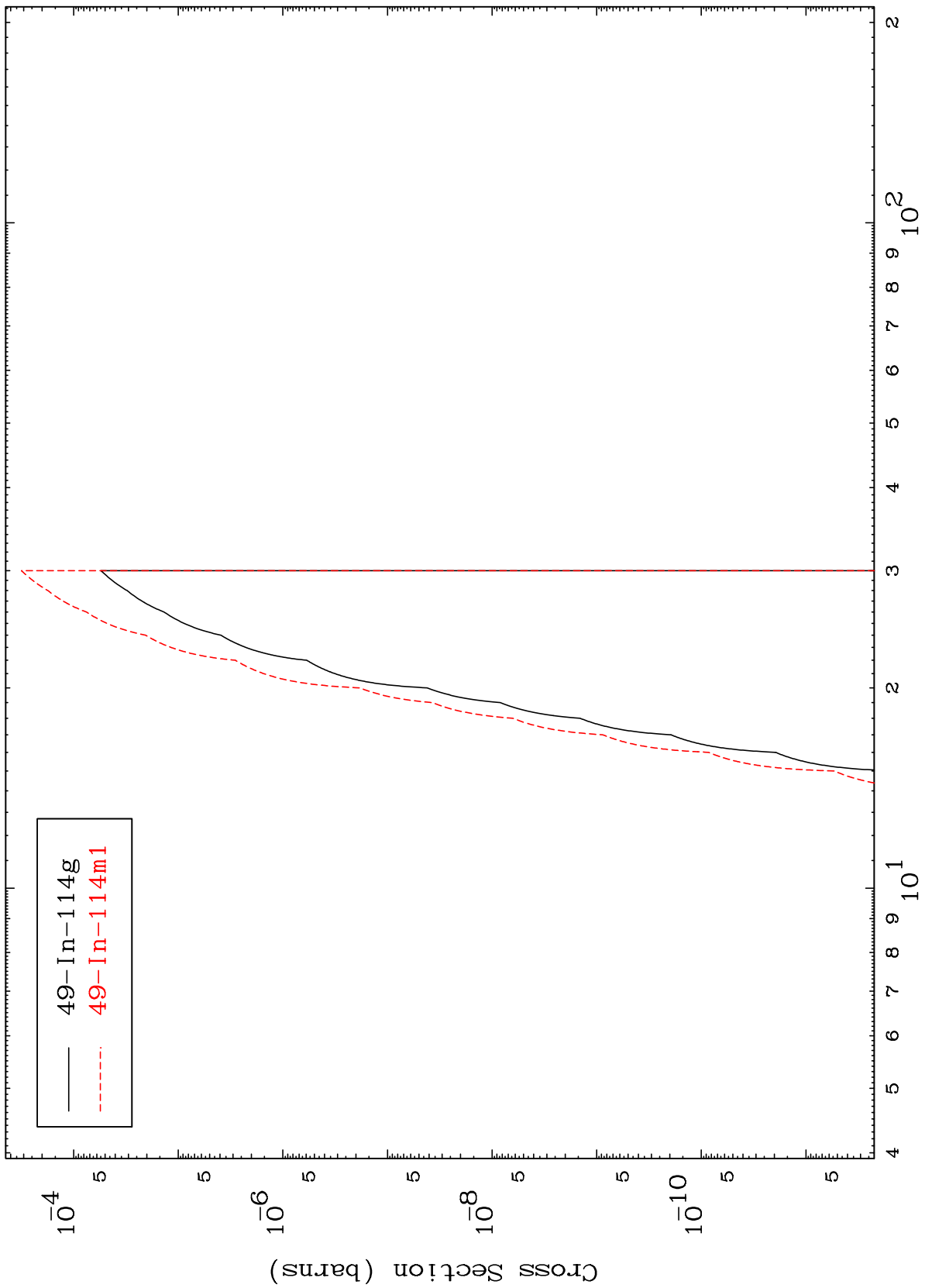
51-Sb-118

MAT 5116

(n,n') p α

51-Sb-118

Radionuclide Production Cross Section



— 49-In-114g
- - - 49-In-114m1

22

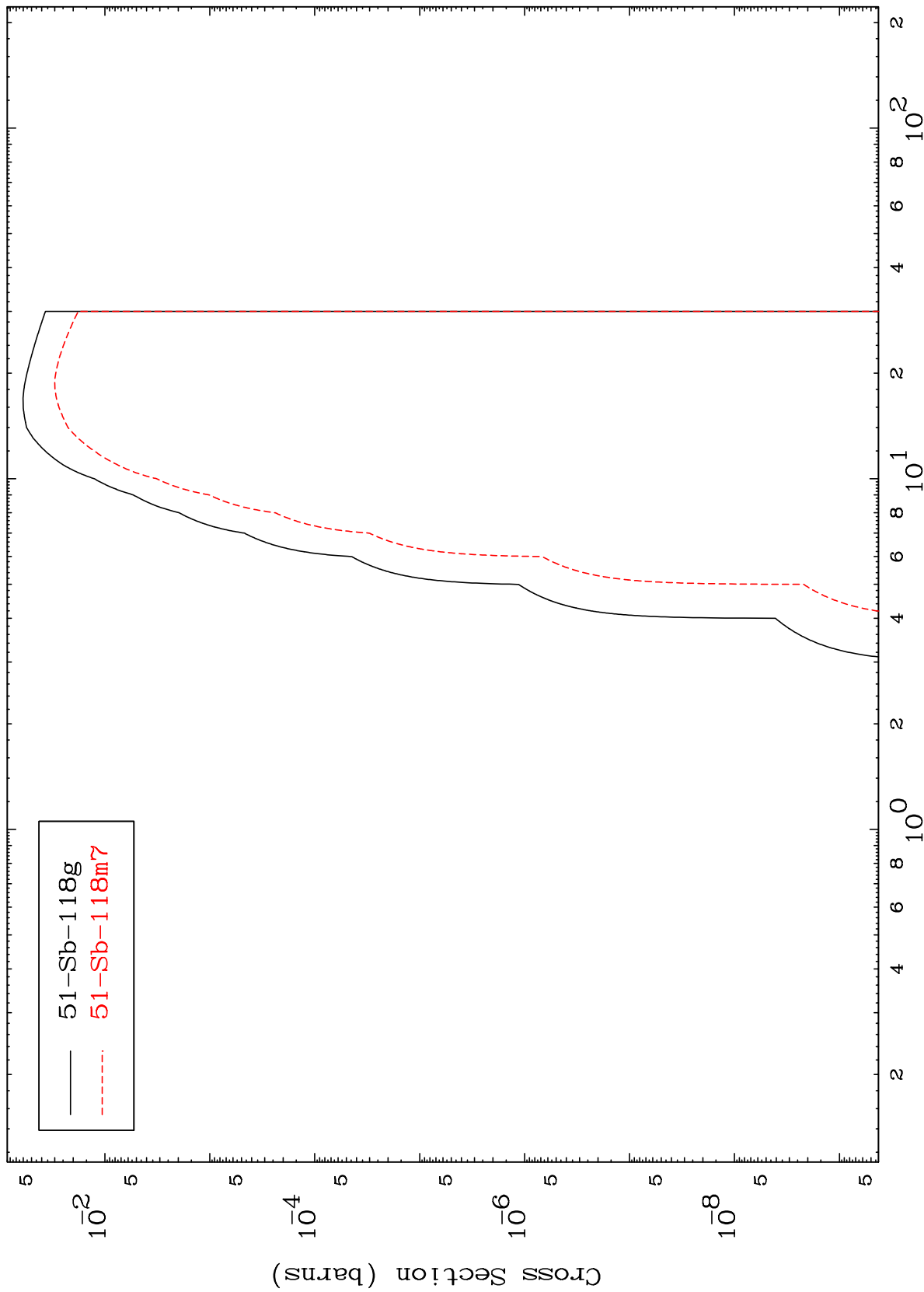
Incident Energy (MeV)

51-Sb-118

MAT 5116

51-Sb-118

(n,d)
Radionuclide Production Cross Section



51-Sb-118

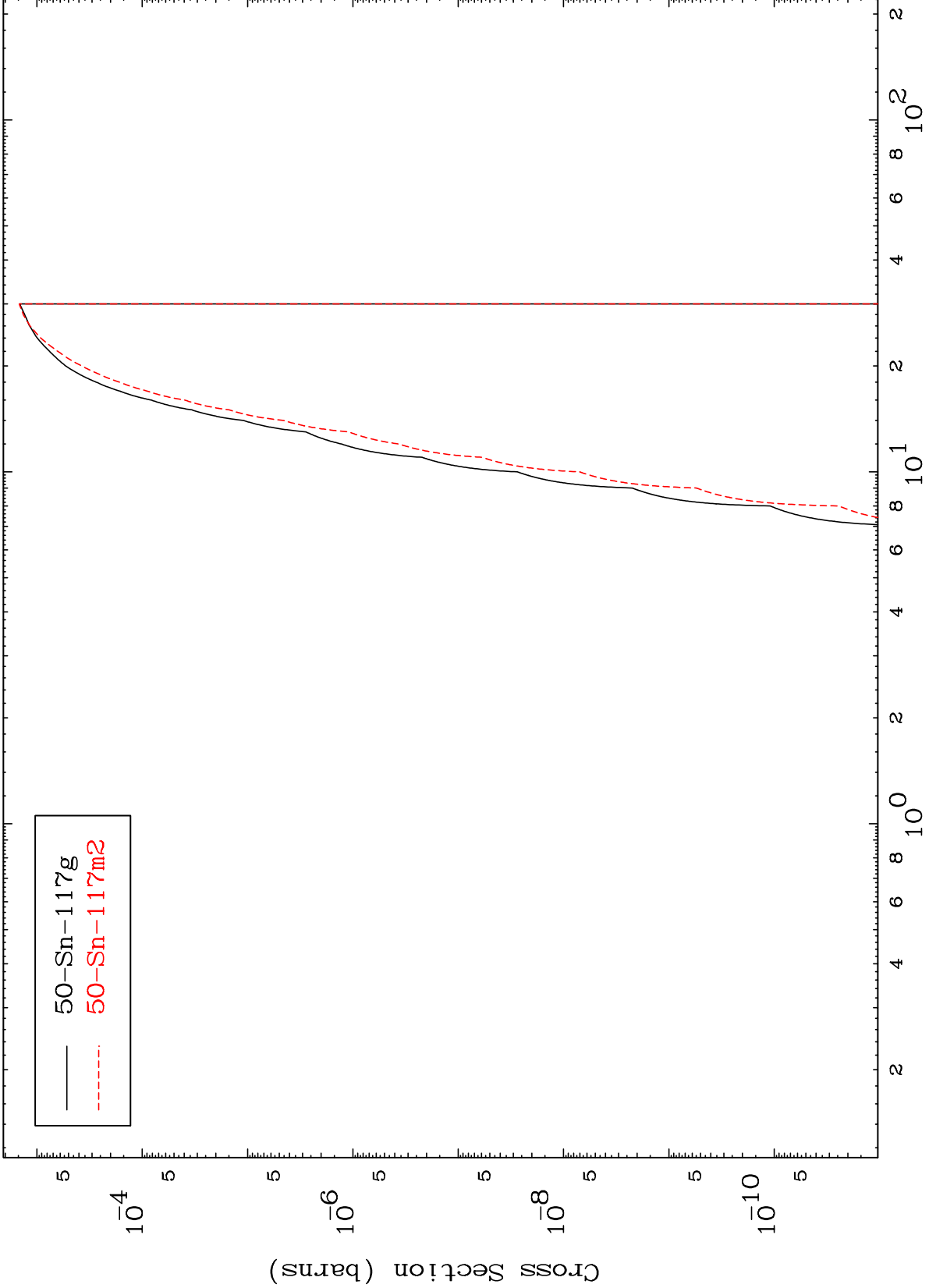
Incident Energy (MeV)

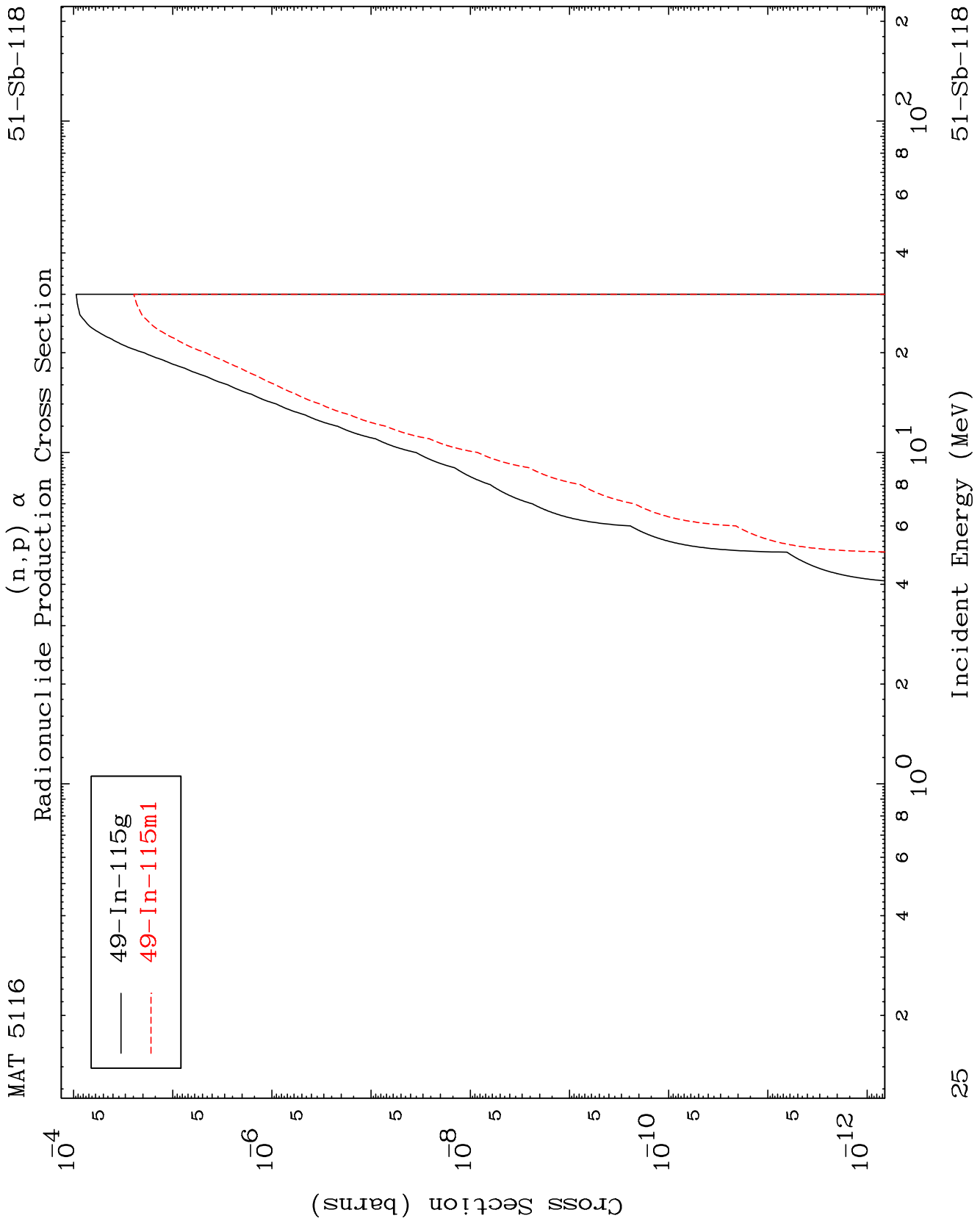
MAT 5116

(n,He-3)

51-Sb-118

Radionuclide Production Cross Section



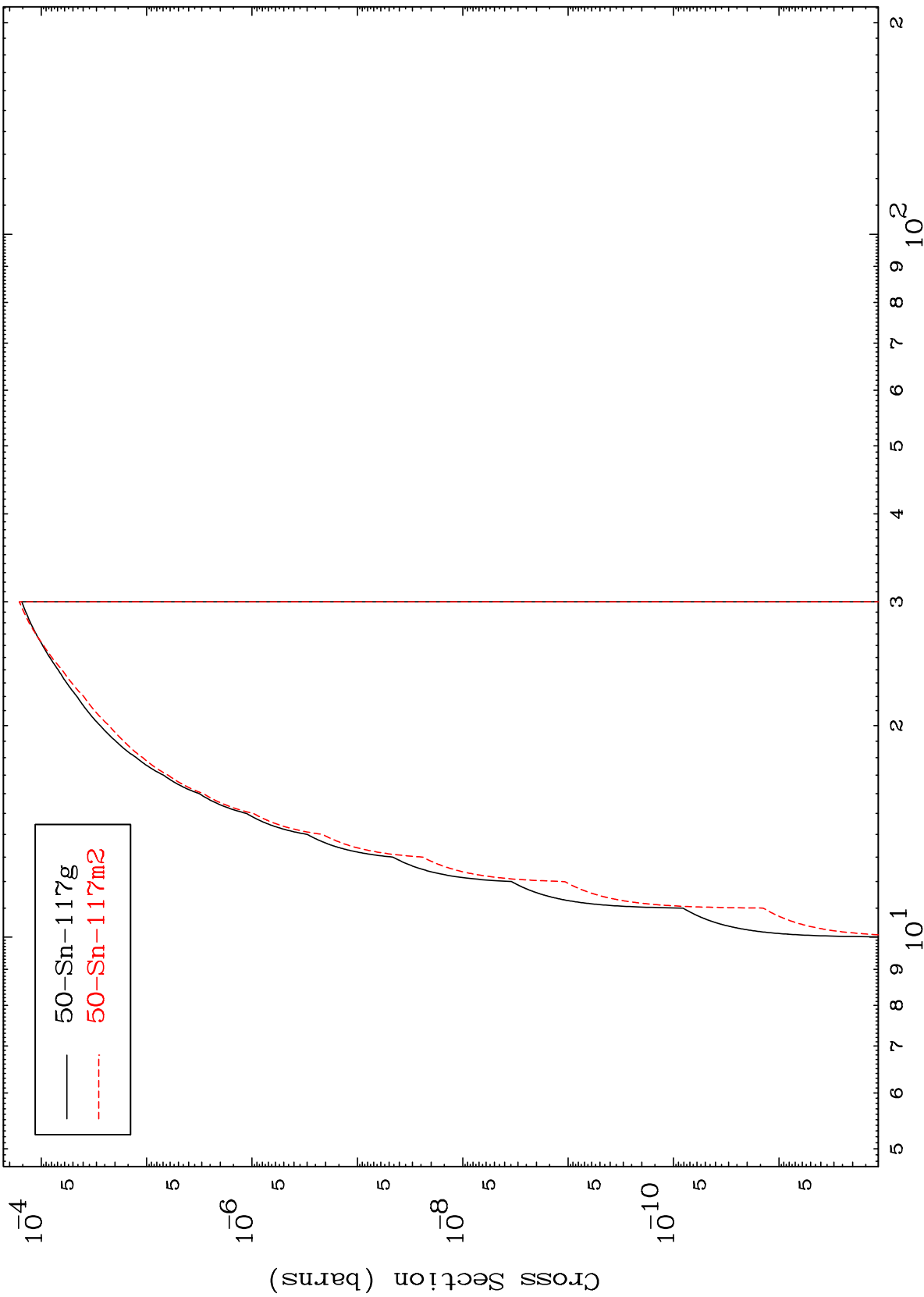


MAT 5116

(n,p) d

51-Sb-118

Radionuclide Production Cross Section



26

Incident Energy (MeV)

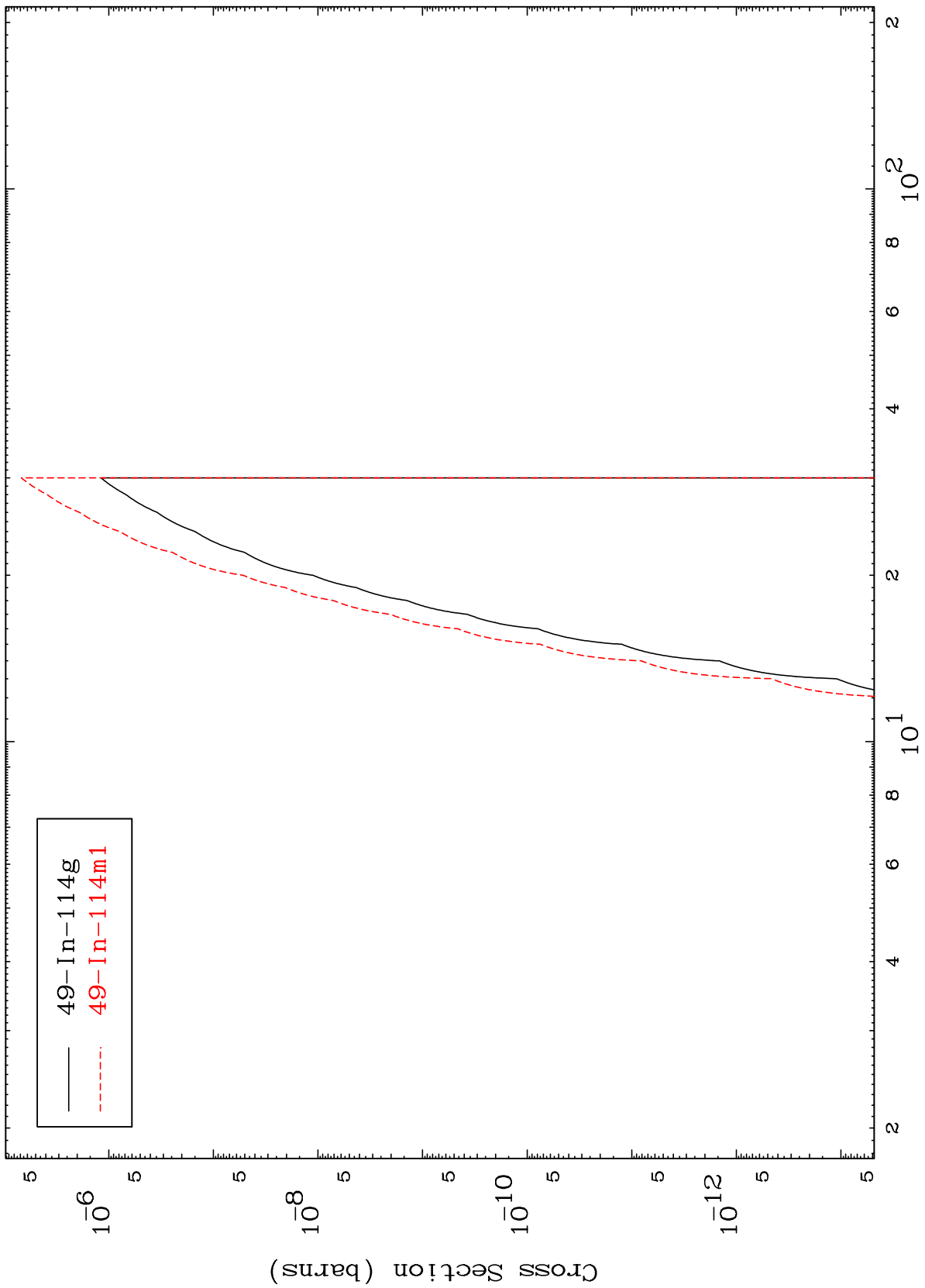
51-Sb-118

MAT 5116

(n,d) α

51-Sb-118

Radionuclide Production Cross Section



49-In-114g
49-In-114m1