

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

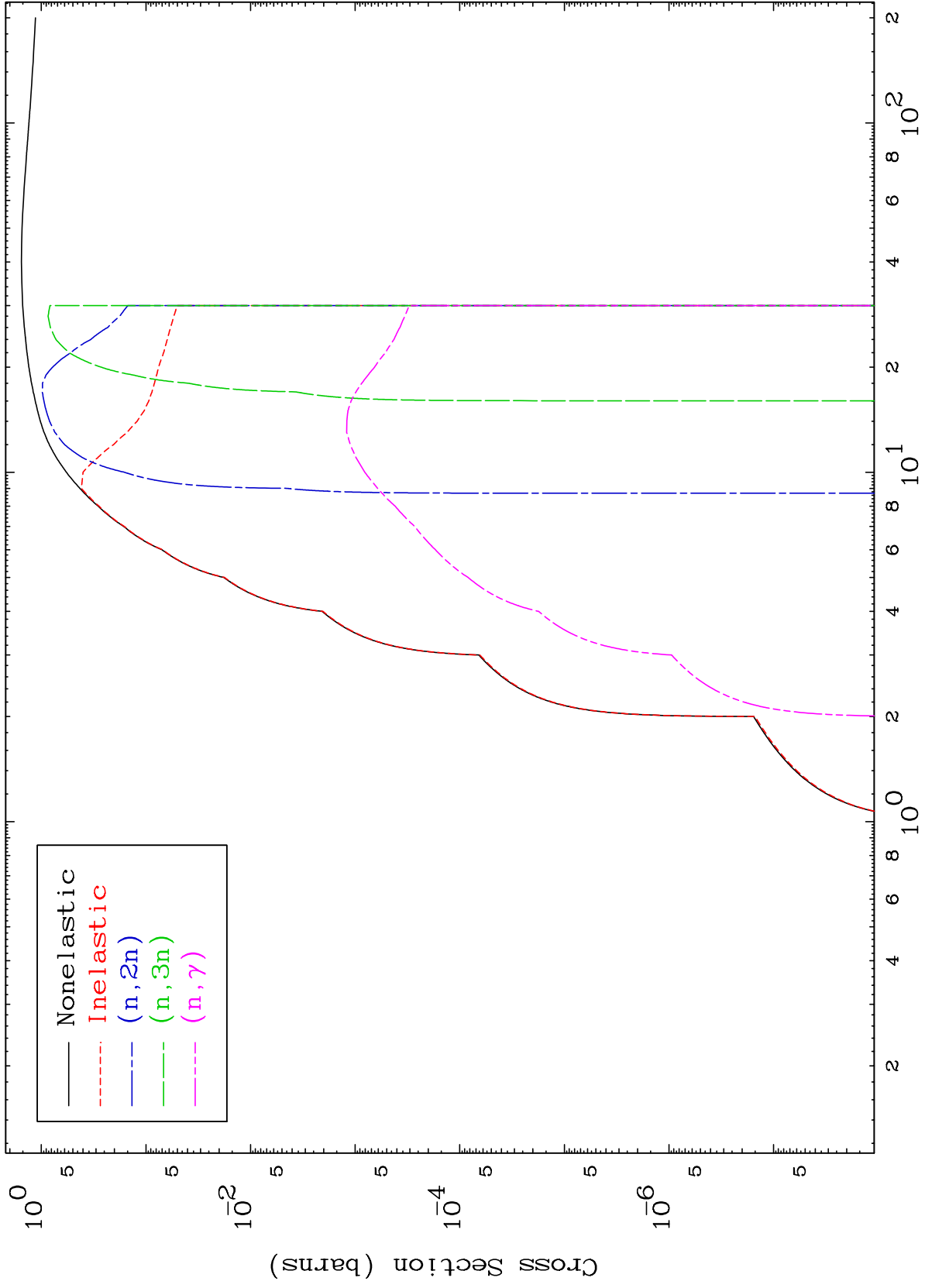
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

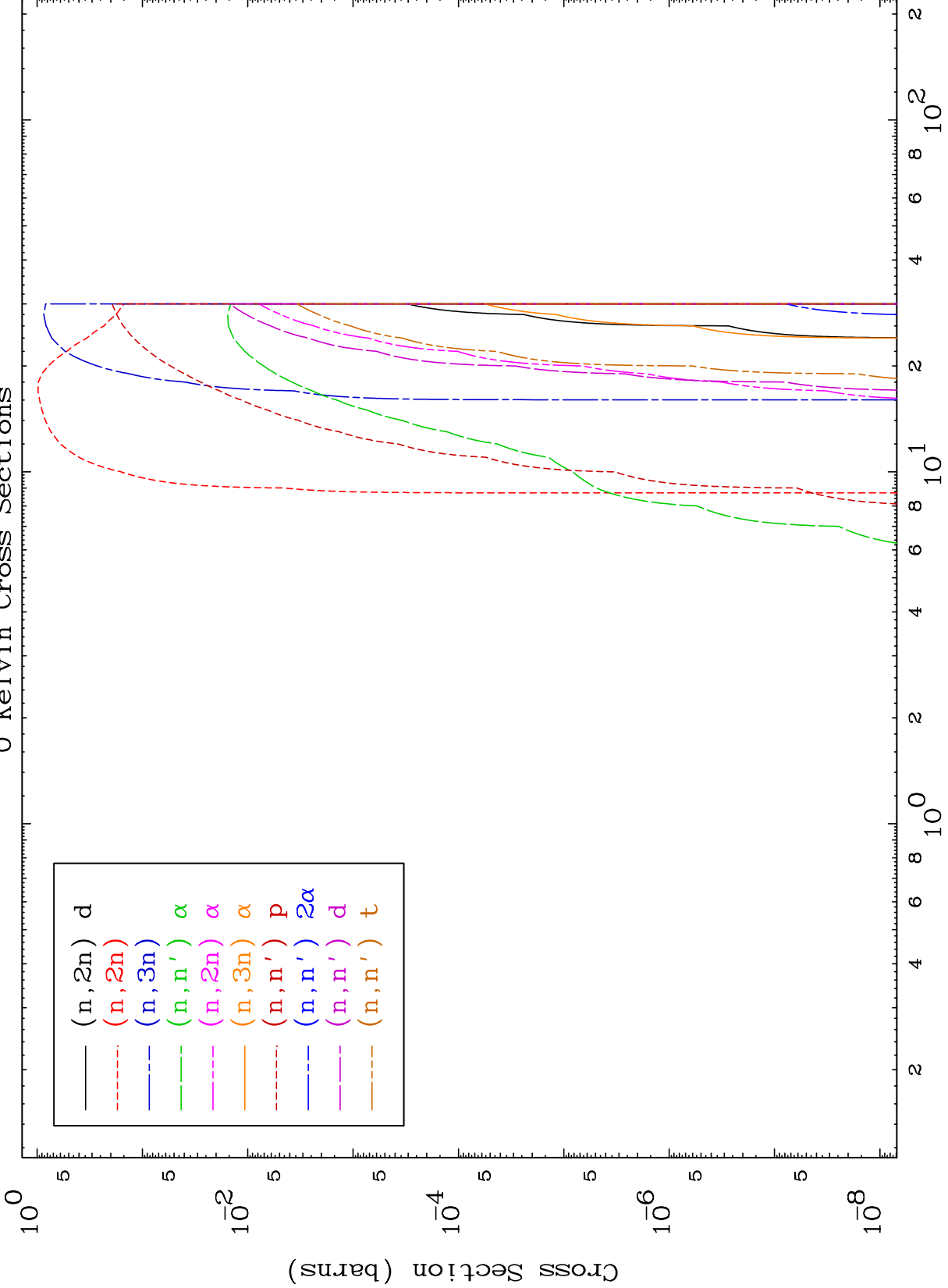
Tele: 925-443-1911

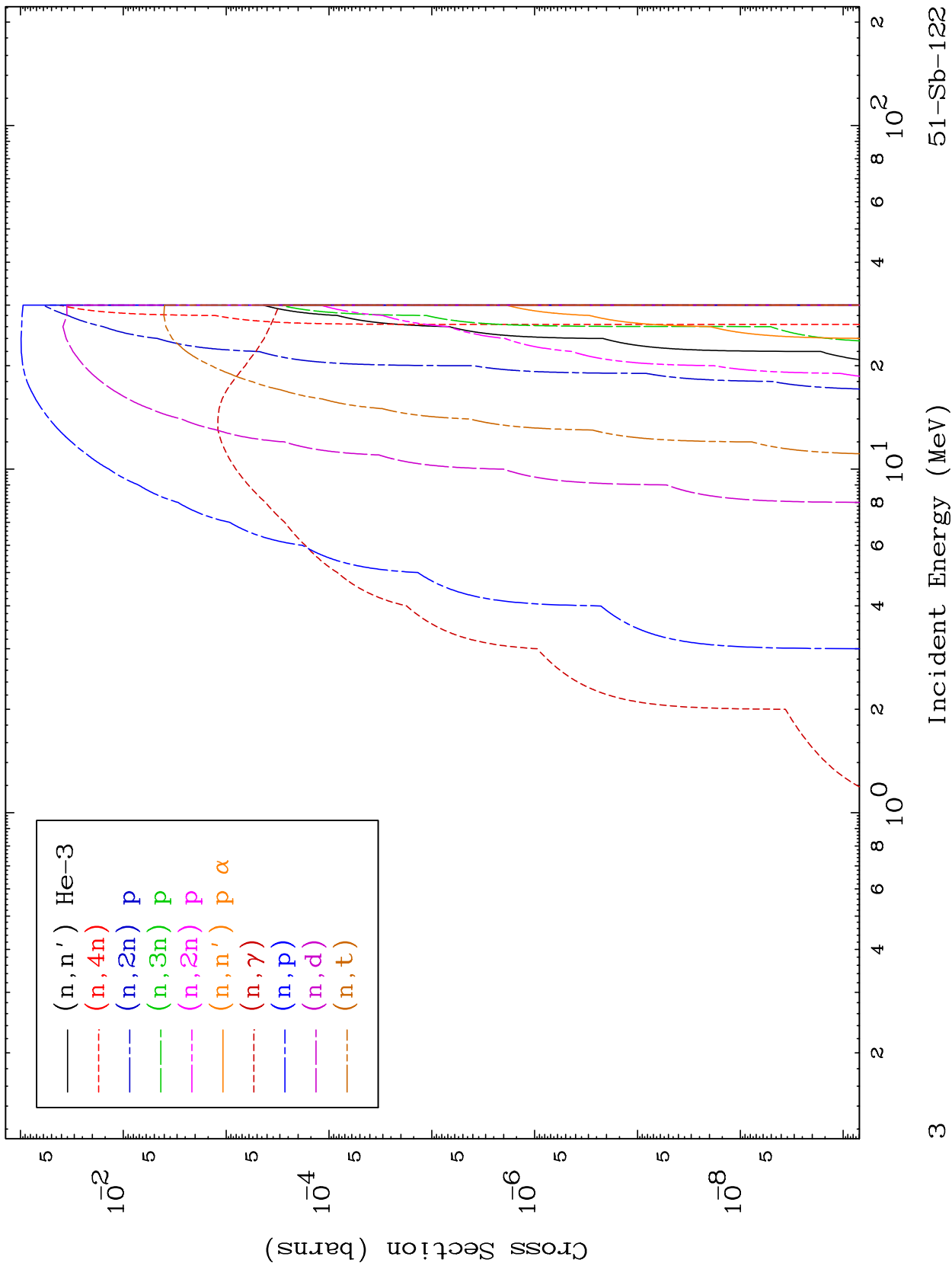
E.Mail:redcullen1@comcast.net

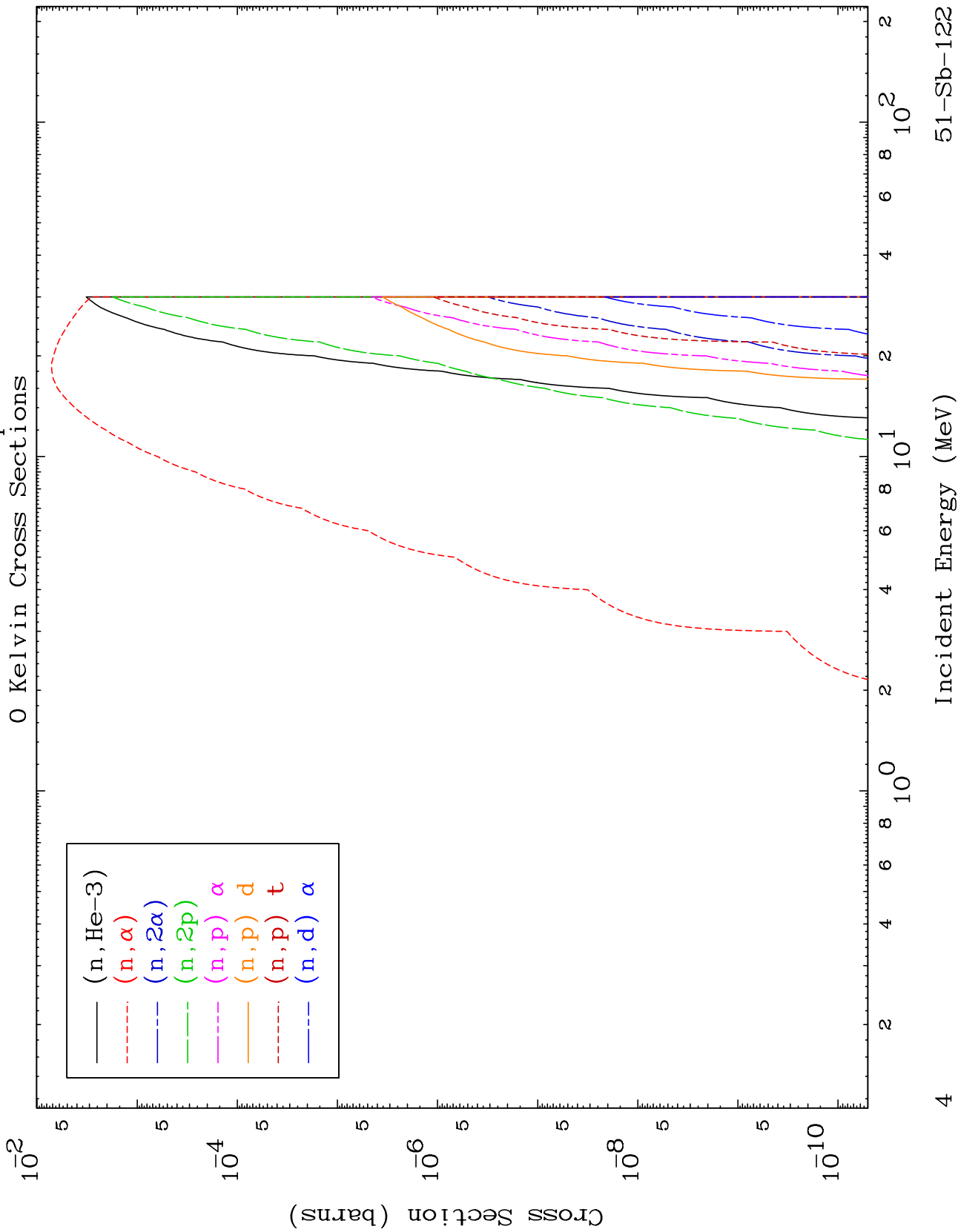
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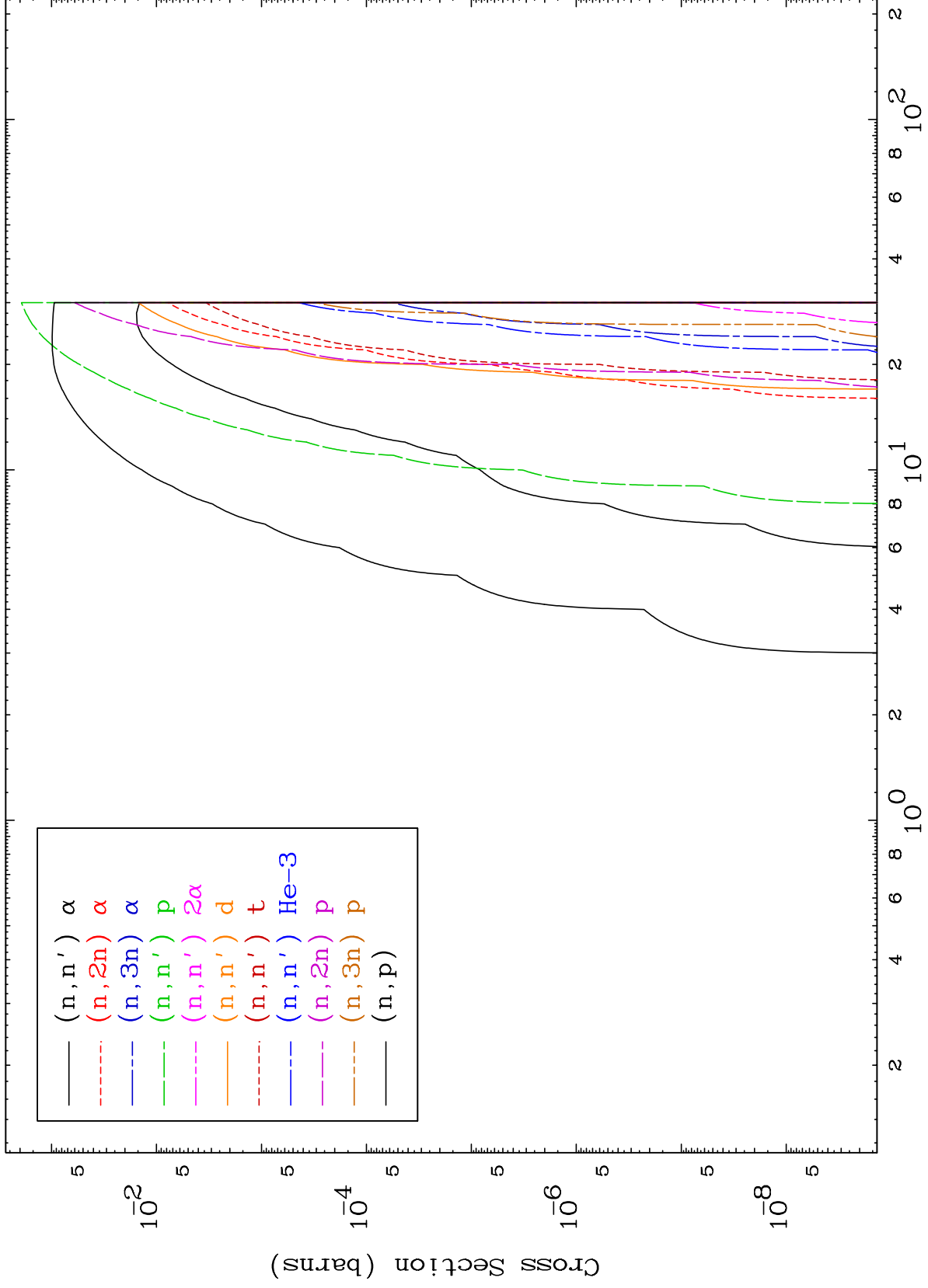
Press Mouse Button to Start

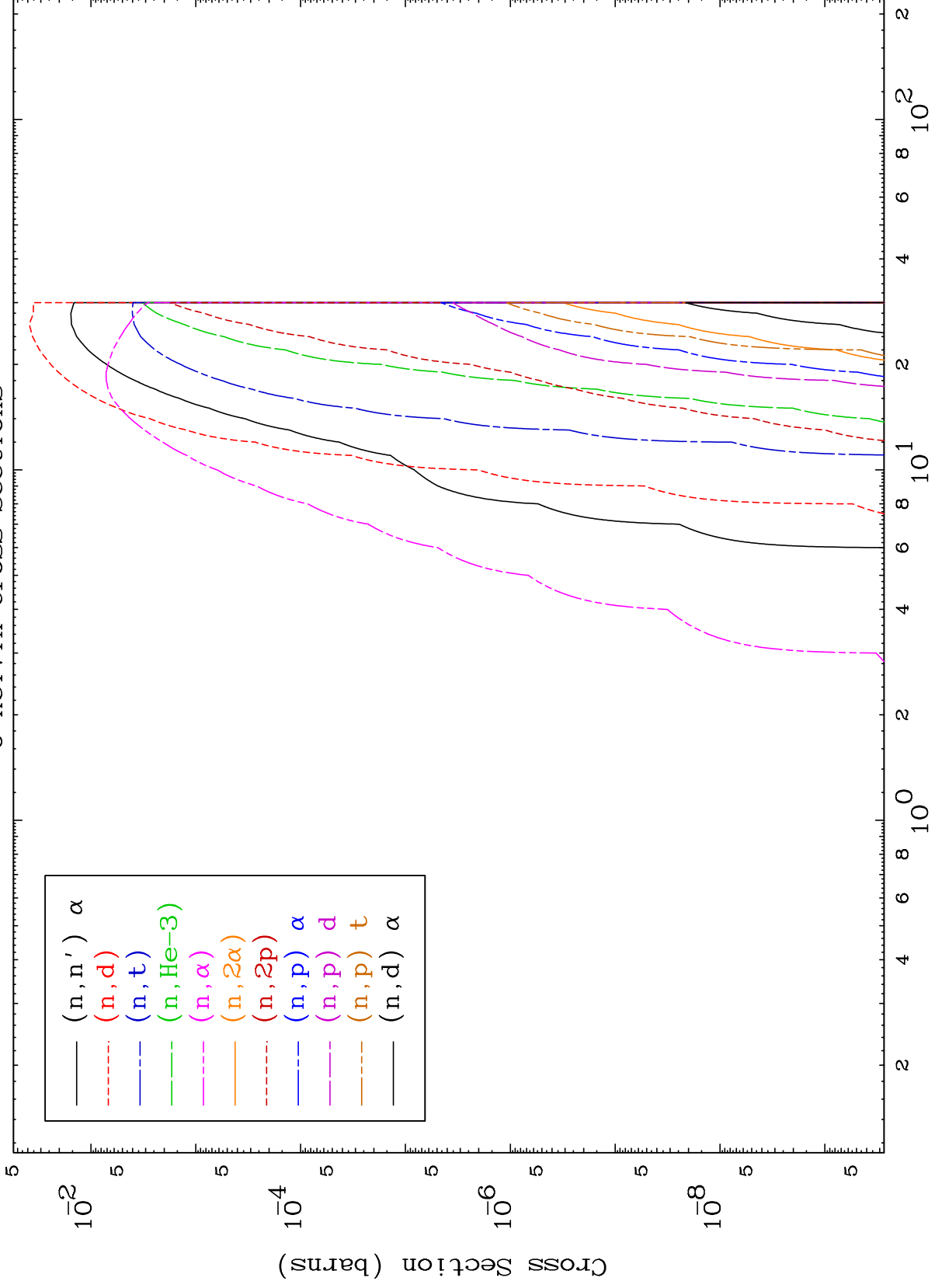








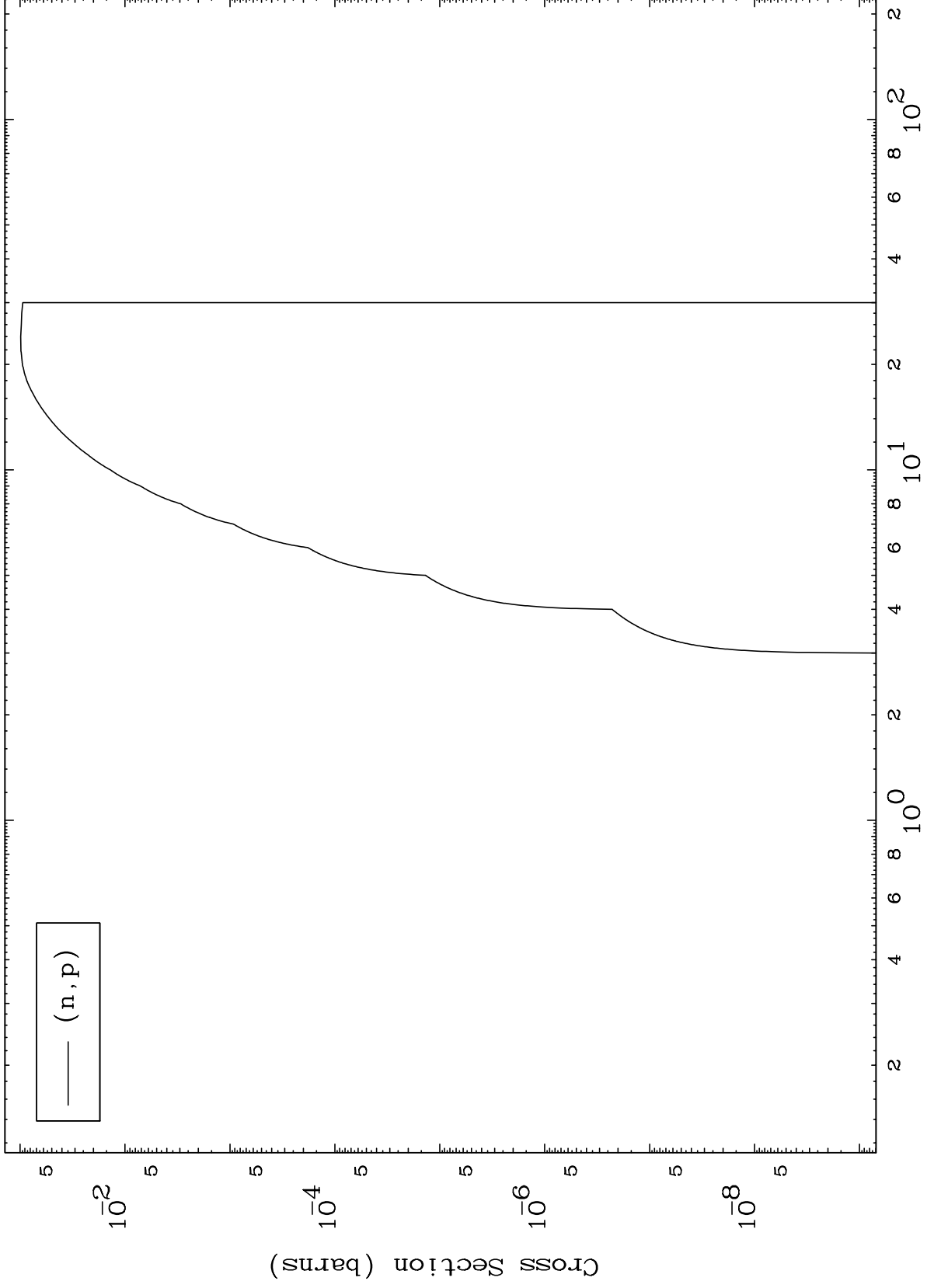




MAT 5128

(p,p) Levels
0 Kelvin Cross Sections

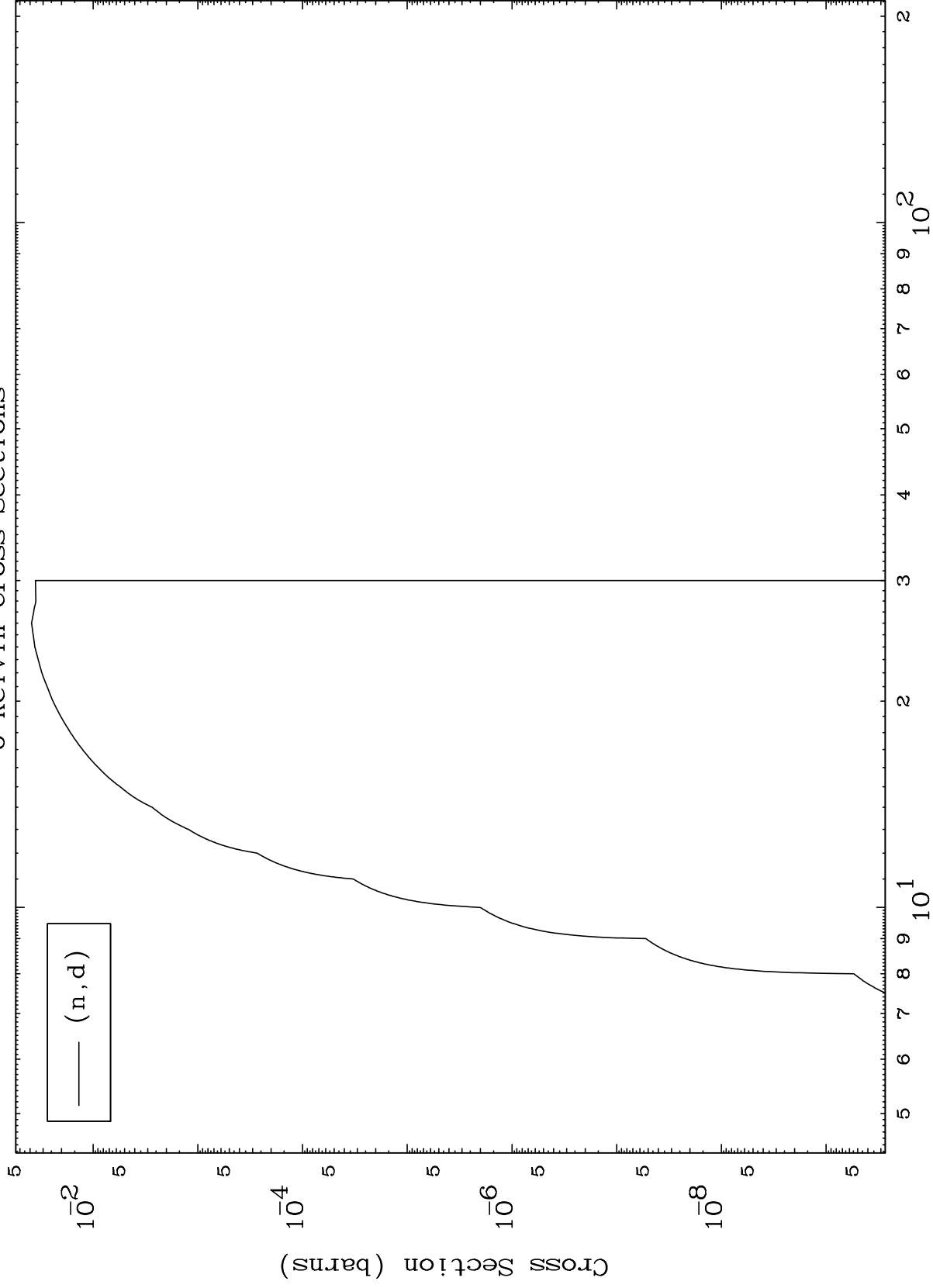
51-Sb-122



MAT 5128

(p,d) Levels
0 Kelvin Cross Sections

51-Sb-122

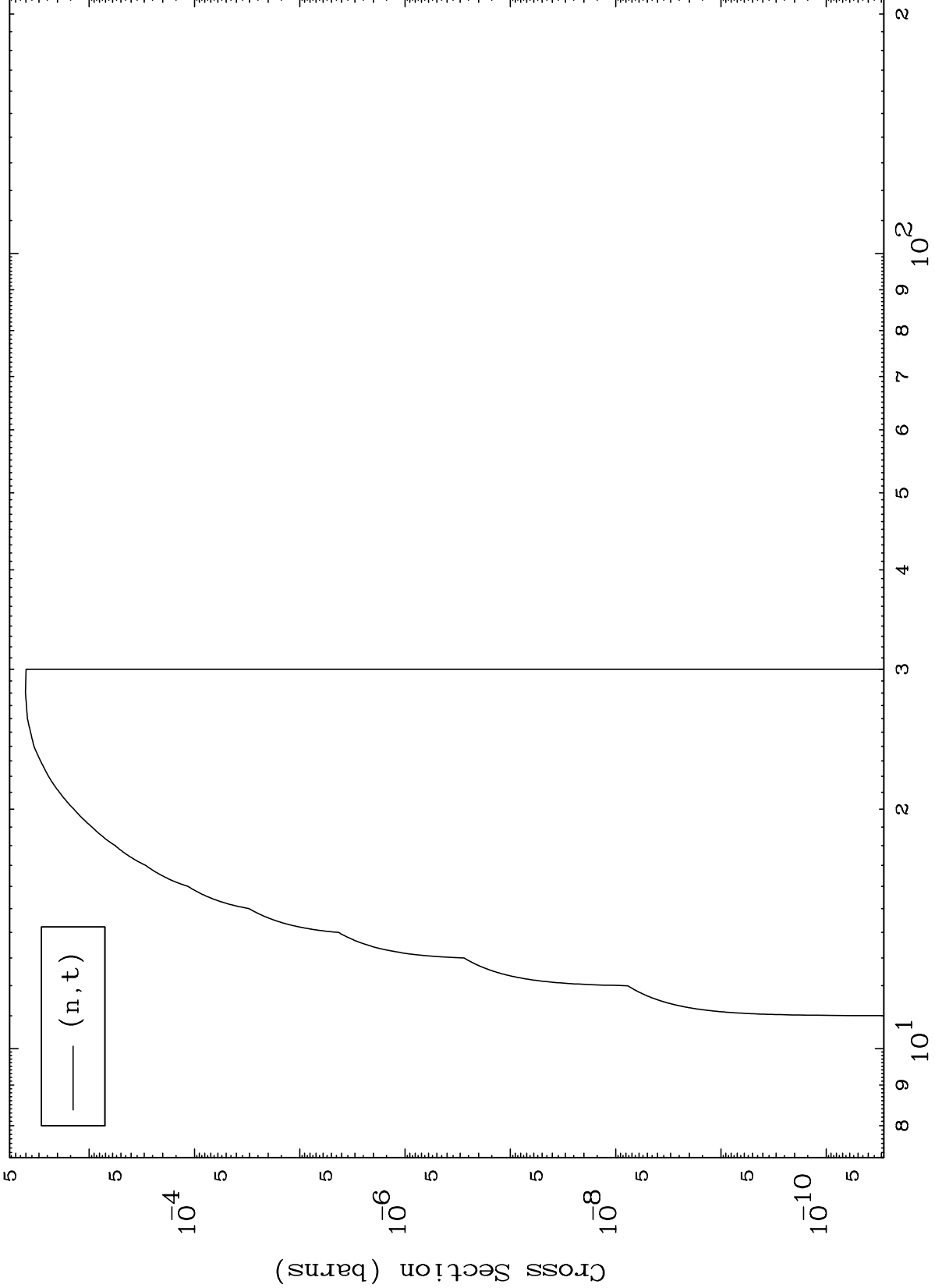


8

Incident Energy (MeV)

51-Sb-122

0 Kelvin Cross Sections

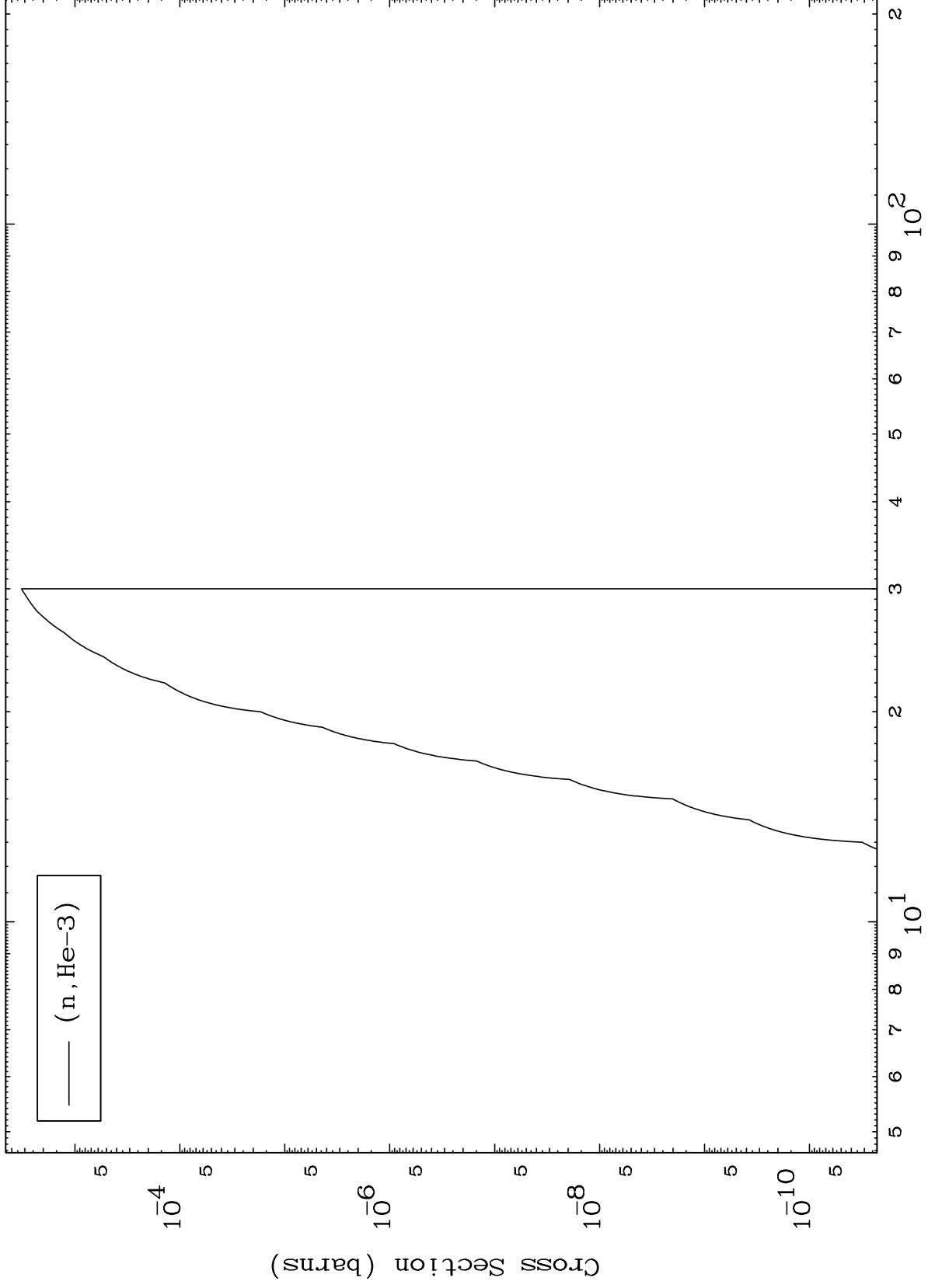


(n,t)

MAT 5128

(p,He3) Levels
0 Kelvin Cross Sections

51-Sb-122



10

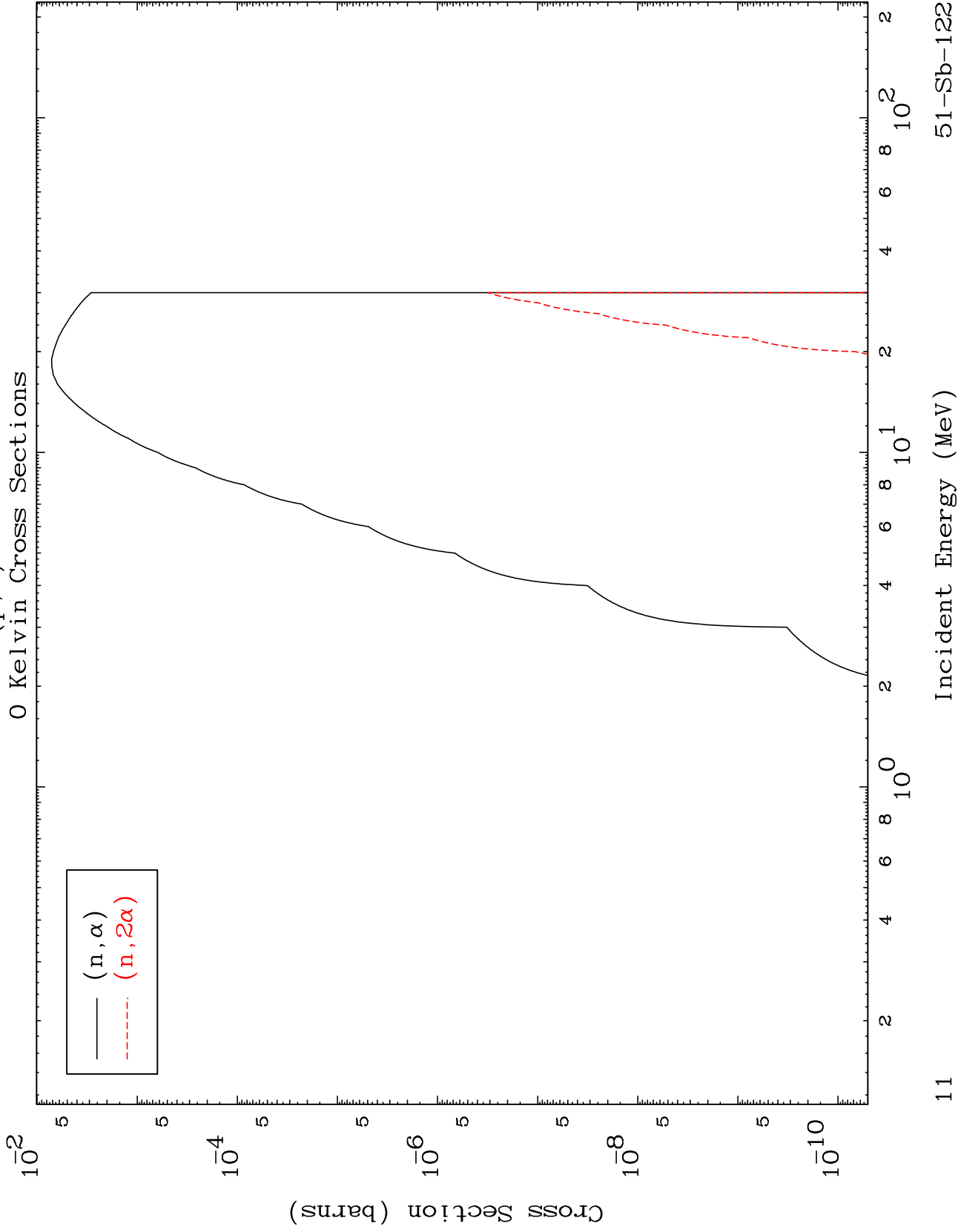
Incident Energy (MeV)

51-Sb-122

MAT 5128

(p, α) Levels

51-Sb-122

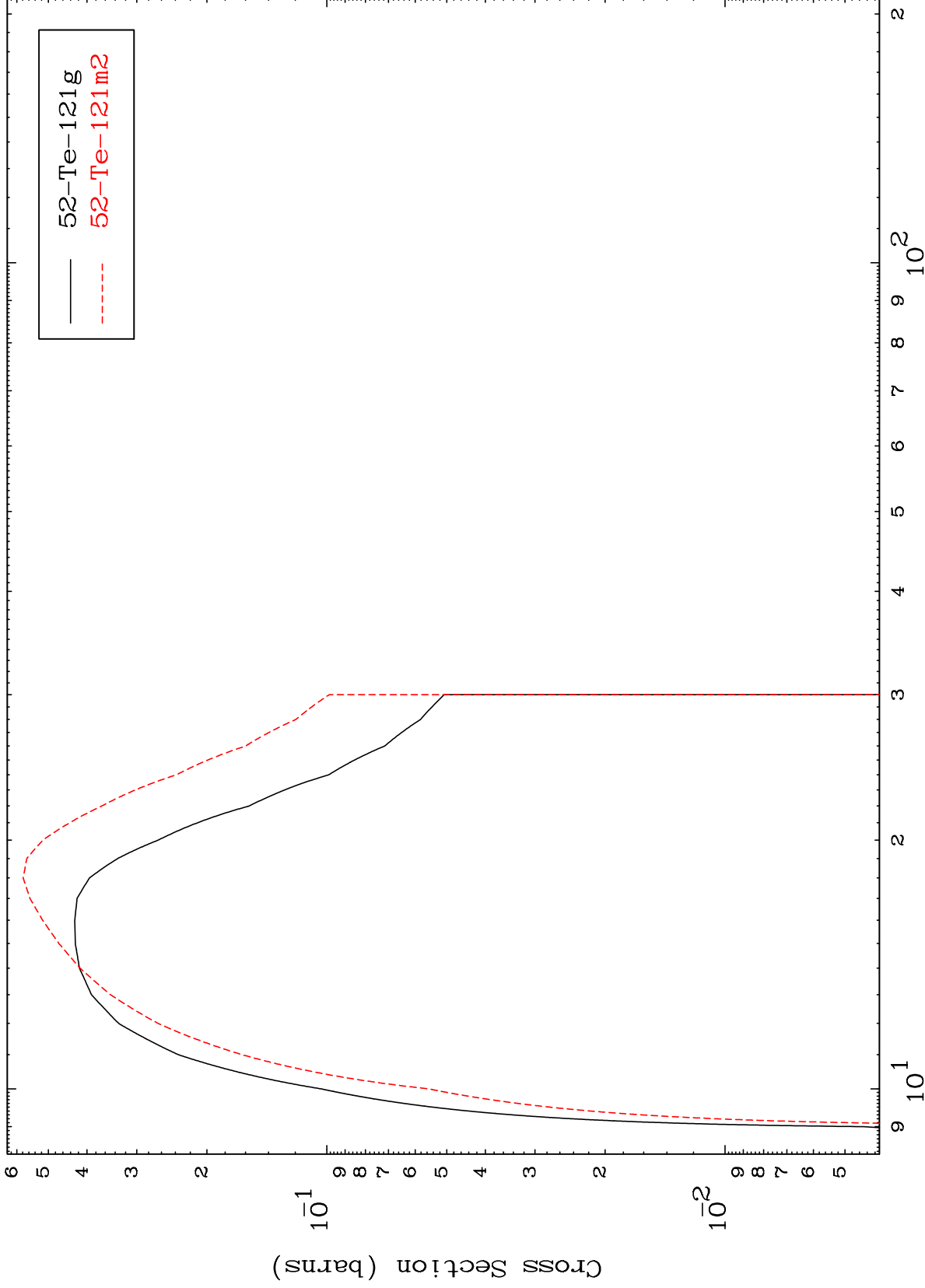


MAT 5128

(n,2n)

51-Sb-122

Radionuclide Production Cross Section



12

Incident Energy (MeV)

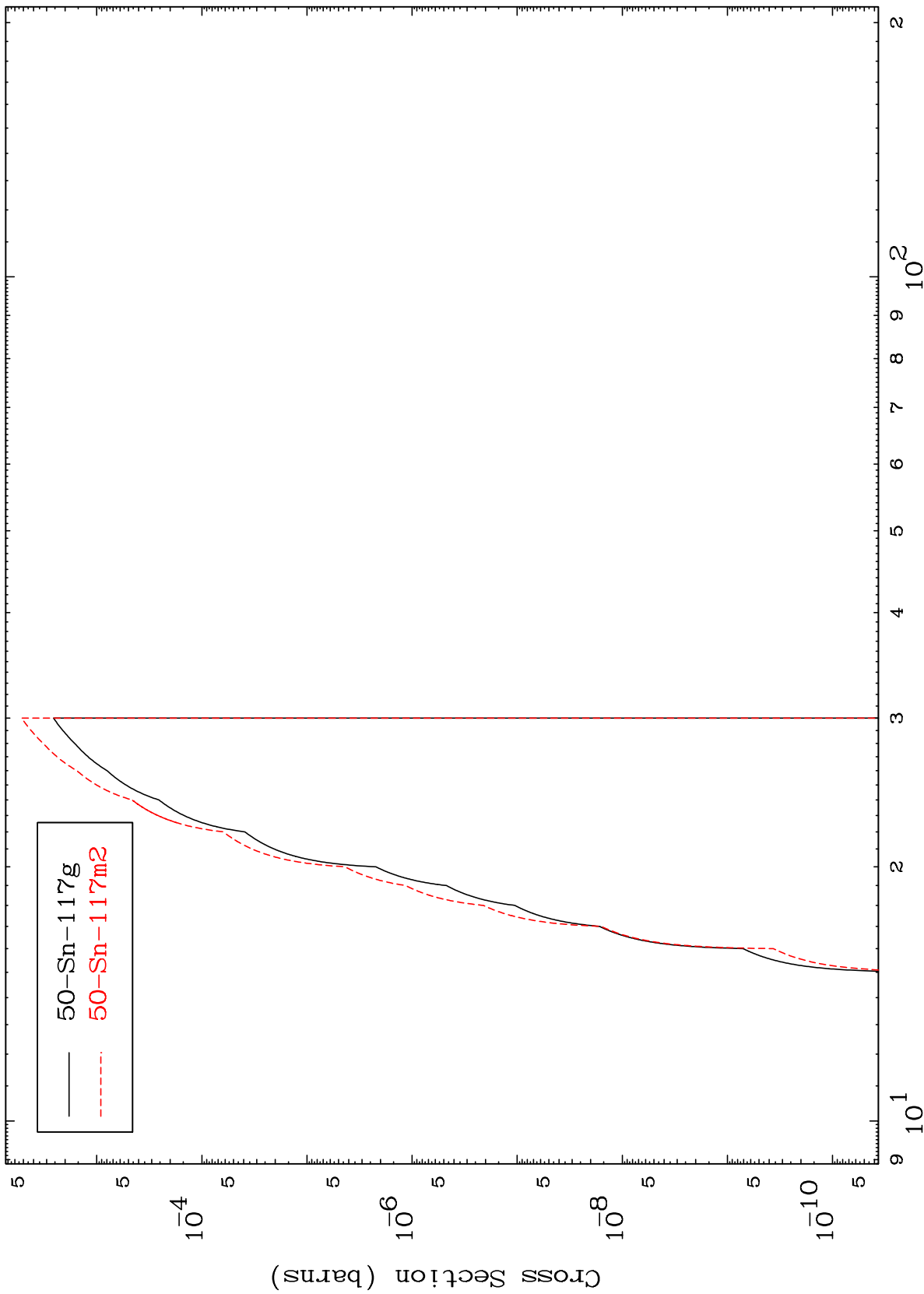
51-Sb-122

MAT 5128

(n,2n) α

51-Sb-122

Radionuclide Production Cross Section



13

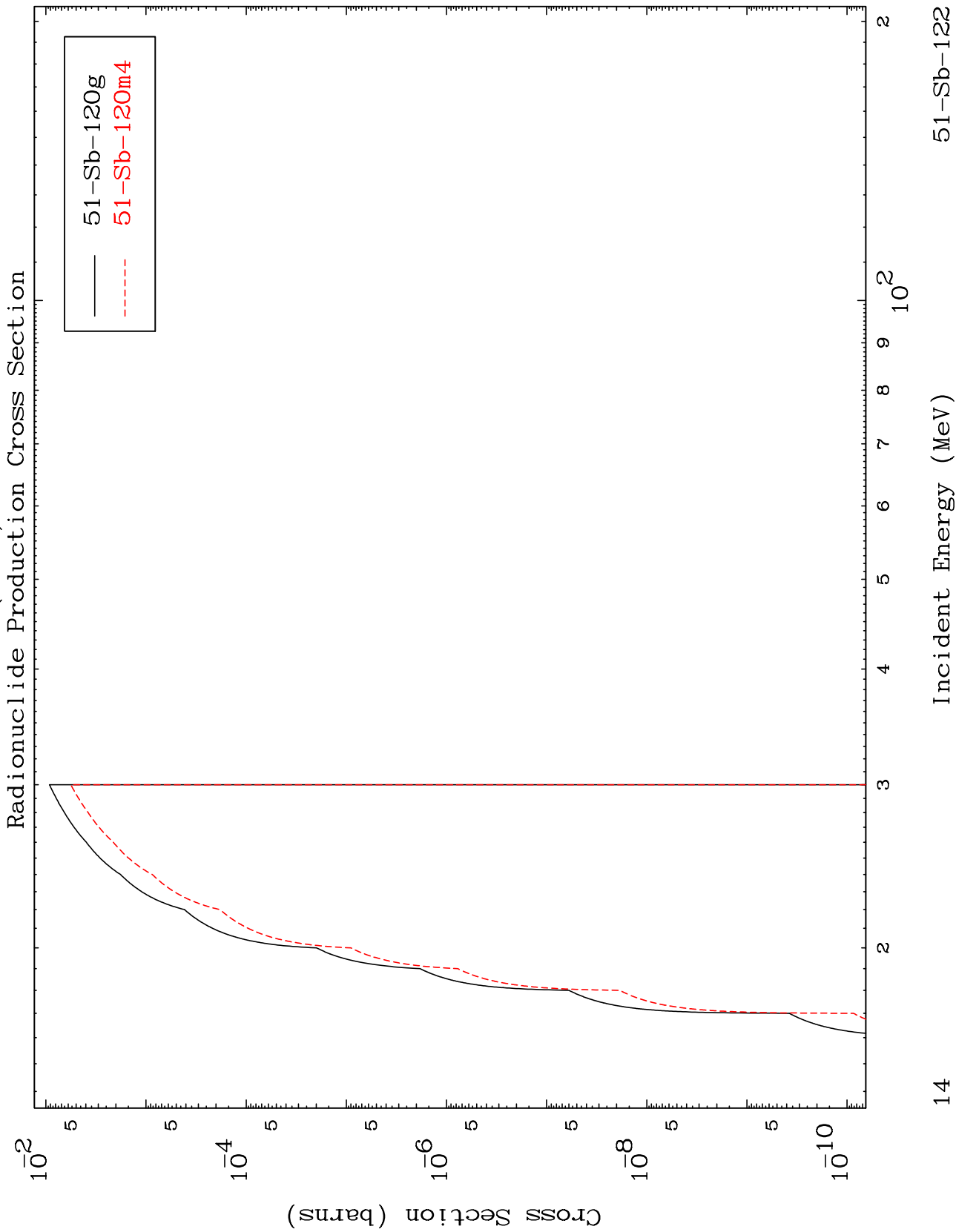
Incident Energy (MeV)

51-Sb-122

MAT 5128

(n,n') d

51-Sb-122



14

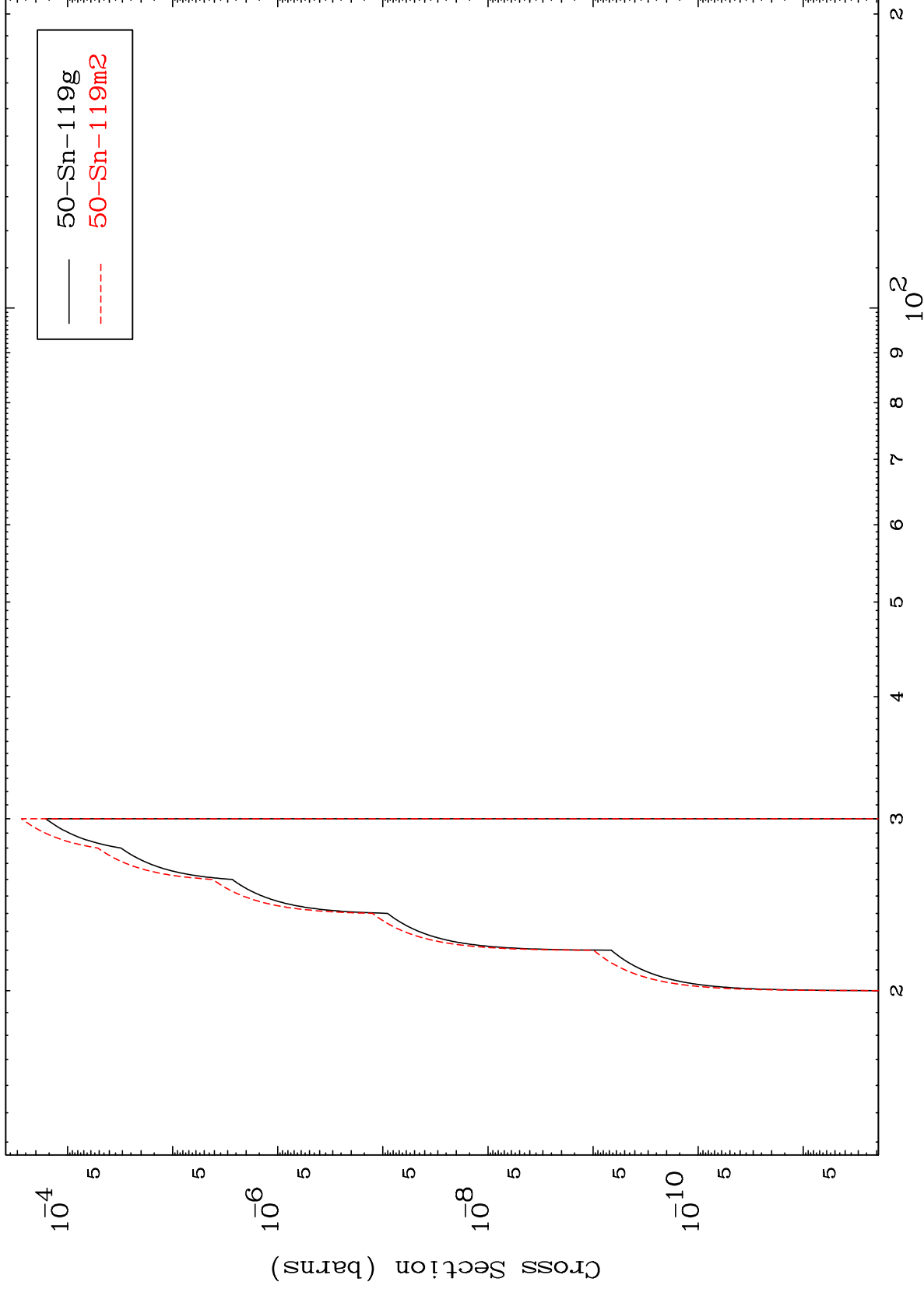
51-Sb-122

MAT 5128

(n,n') He-3

51-Sb-122

Radionuclide Production Cross Section



15

Incident Energy (MeV)

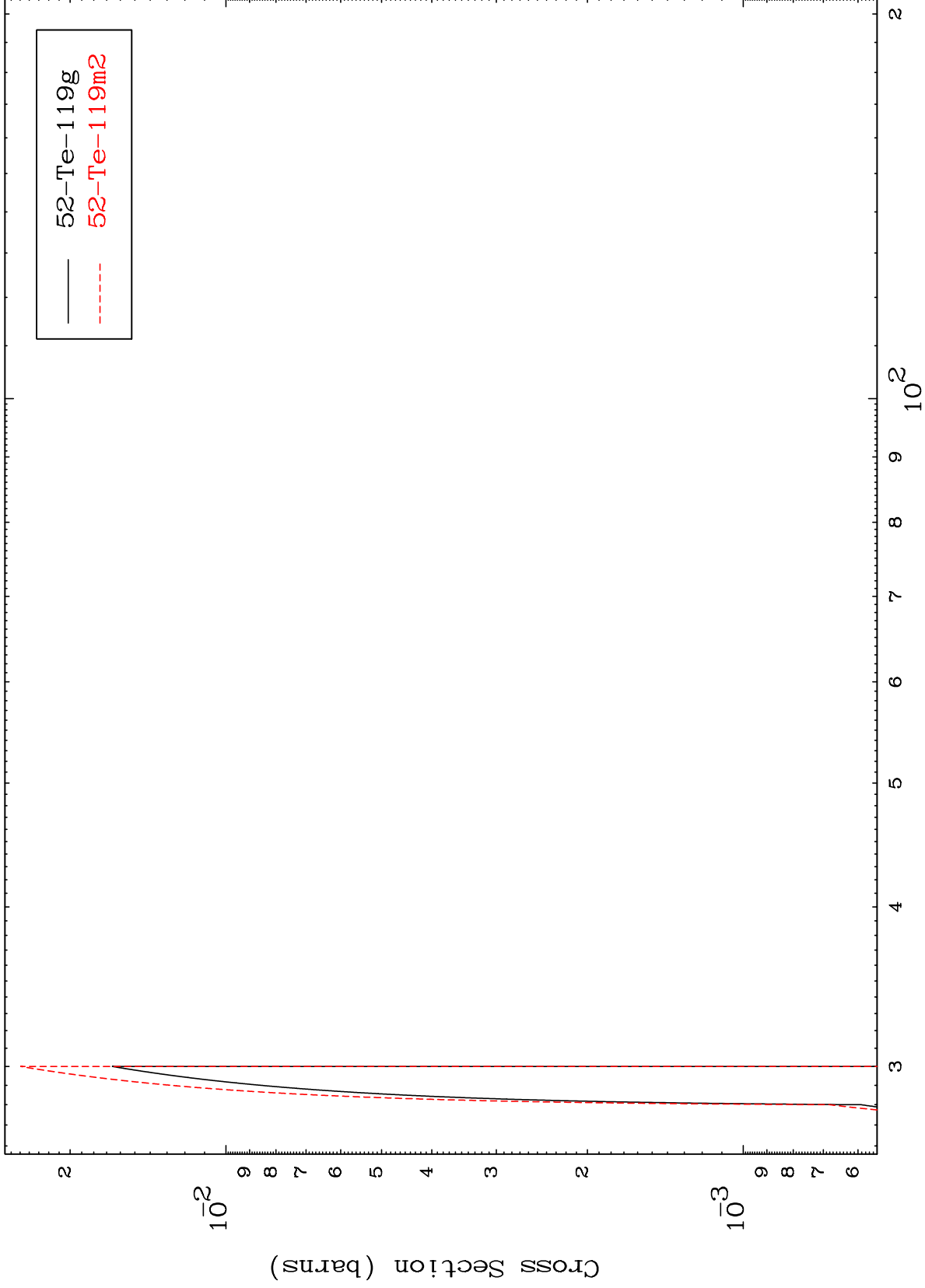
51-Sb-122

MAT 5128

(n,4n)

51-Sb-122

Radionuclide Production Cross Section



16

Incident Energy (MeV)

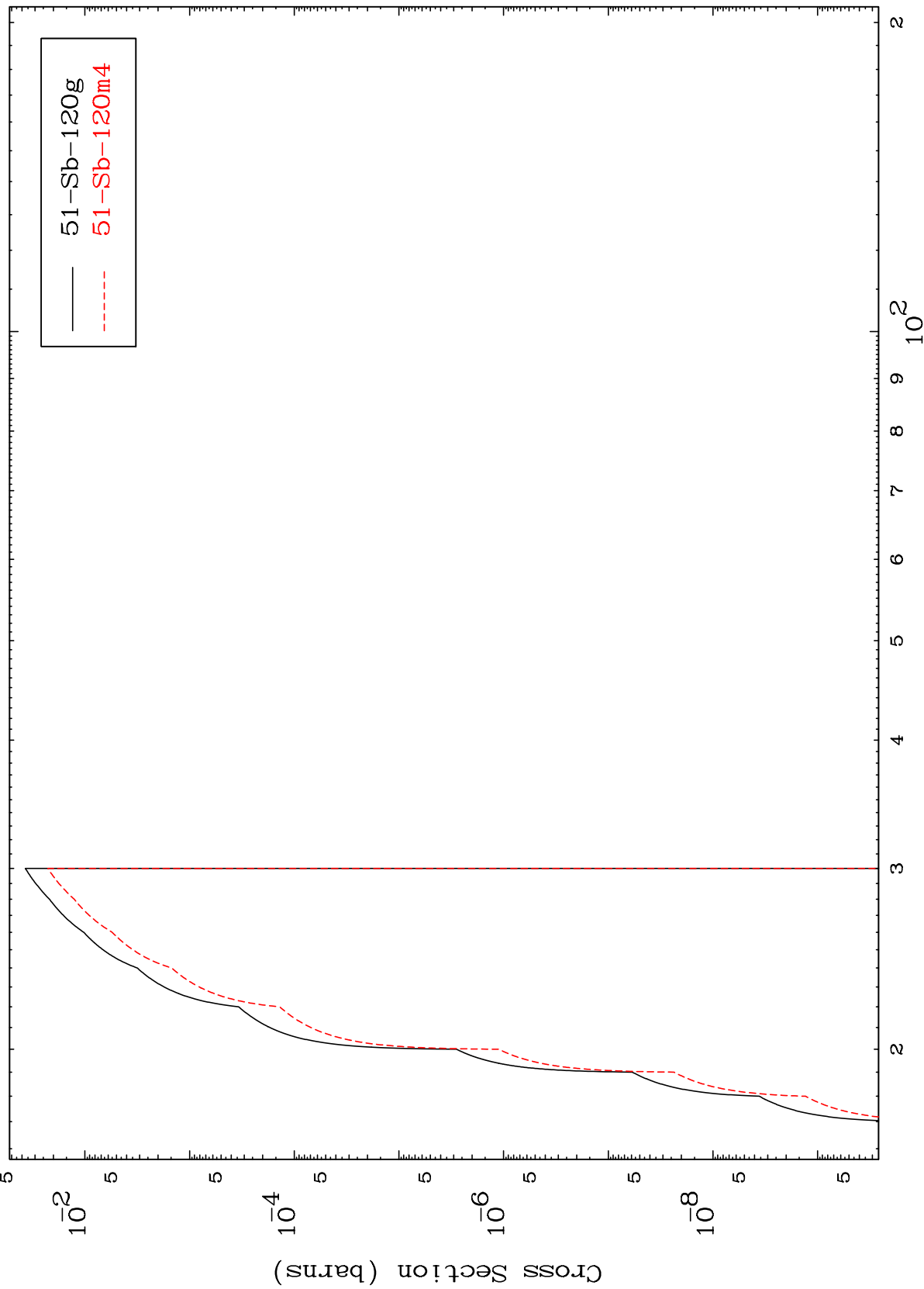
51-Sb-122

MAT 5128

(n,2n) p

51-Sb-122

Radionuclide Production Cross Section



17

Incident Energy (MeV)

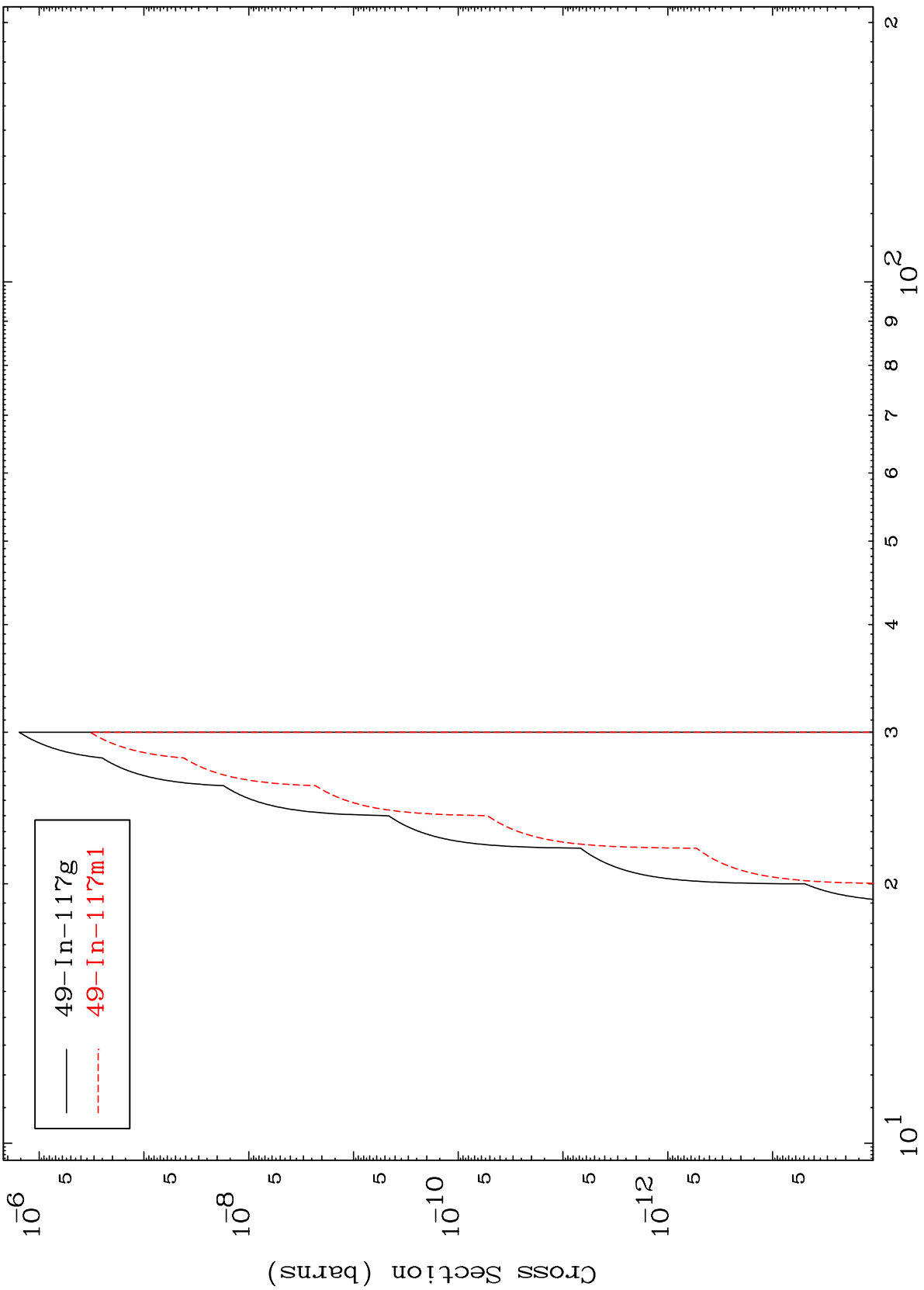
51-Sb-122

MAT 5128

(n,n') p α

51-Sb-122

Radionuclide Production Cross Section



— 49-In-117g
- - - 49-In-117m1

18

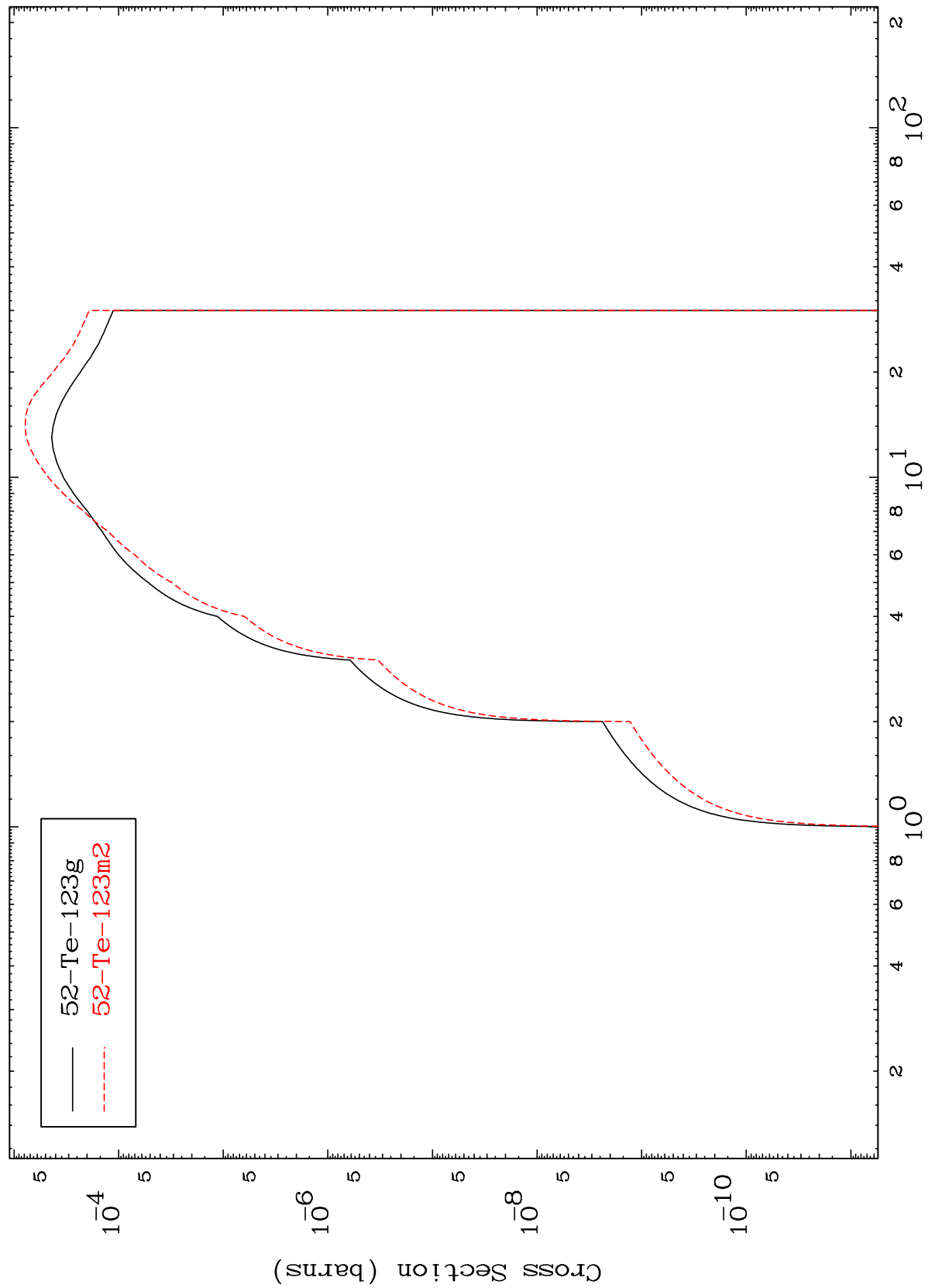
Incident Energy (MeV)

51-Sb-122

MAT 5128

51-Sb-122

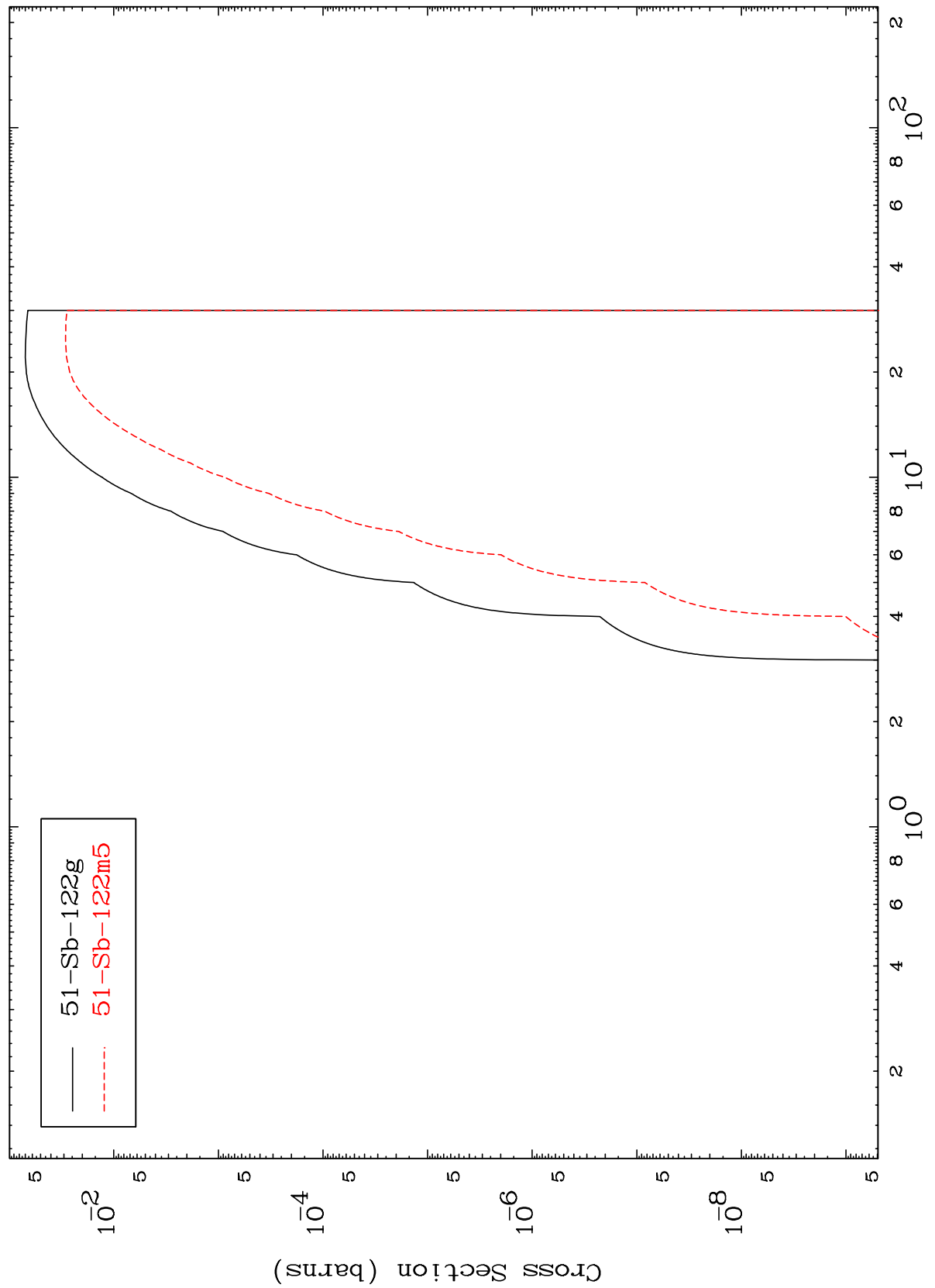
(n, γ)
Radionuclide Production Cross Section



MAT 5128

51-Sb-122

(n,p)
Radionuclide Production Cross Section



— 51-Sb-122g
- - - 51-Sb-122m5

20

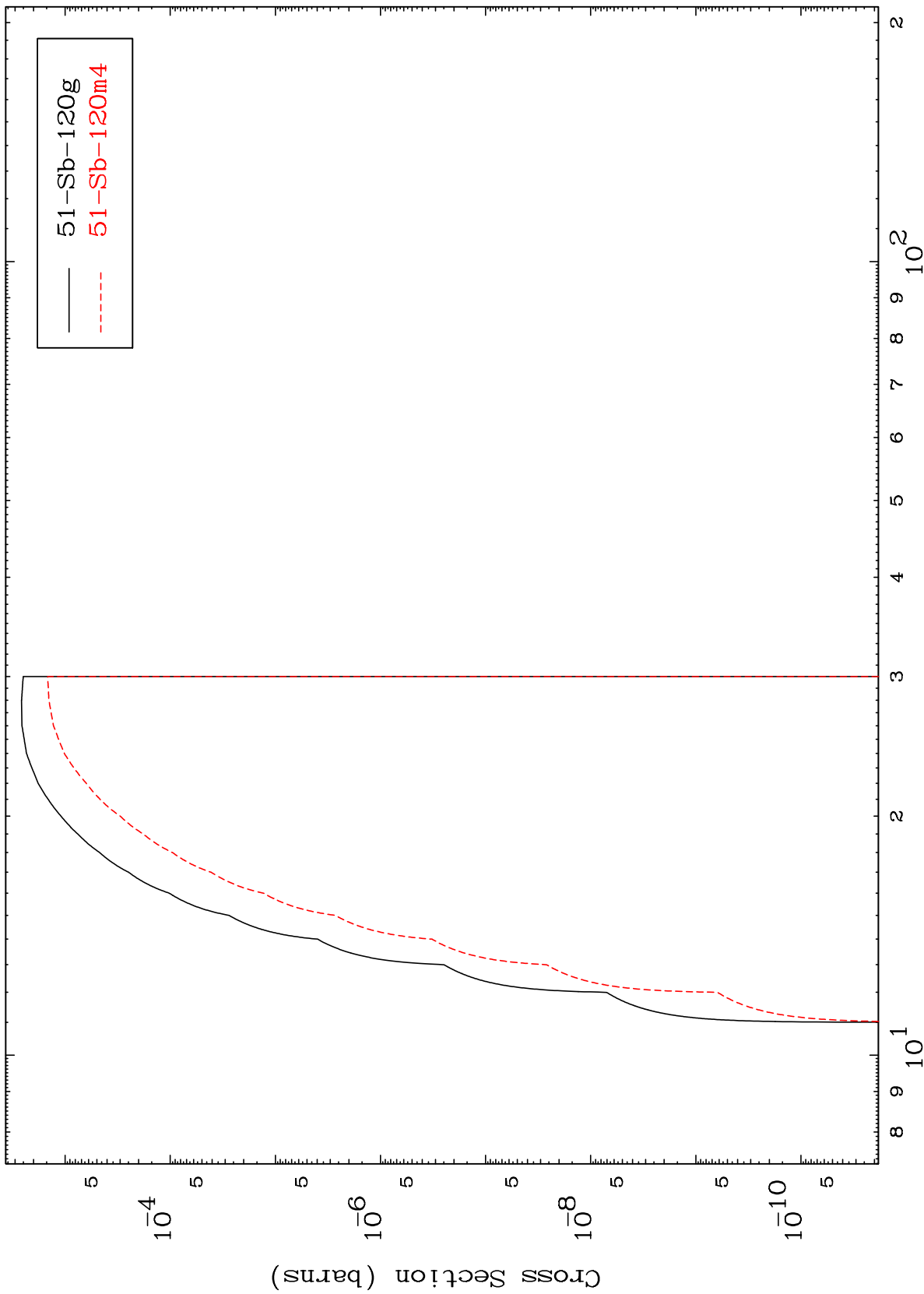
Incident Energy (MeV)

51-Sb-122

MAT 5128

51-Sb-122

(n,t)
Radionuclide Production Cross Section



51-Sb-122

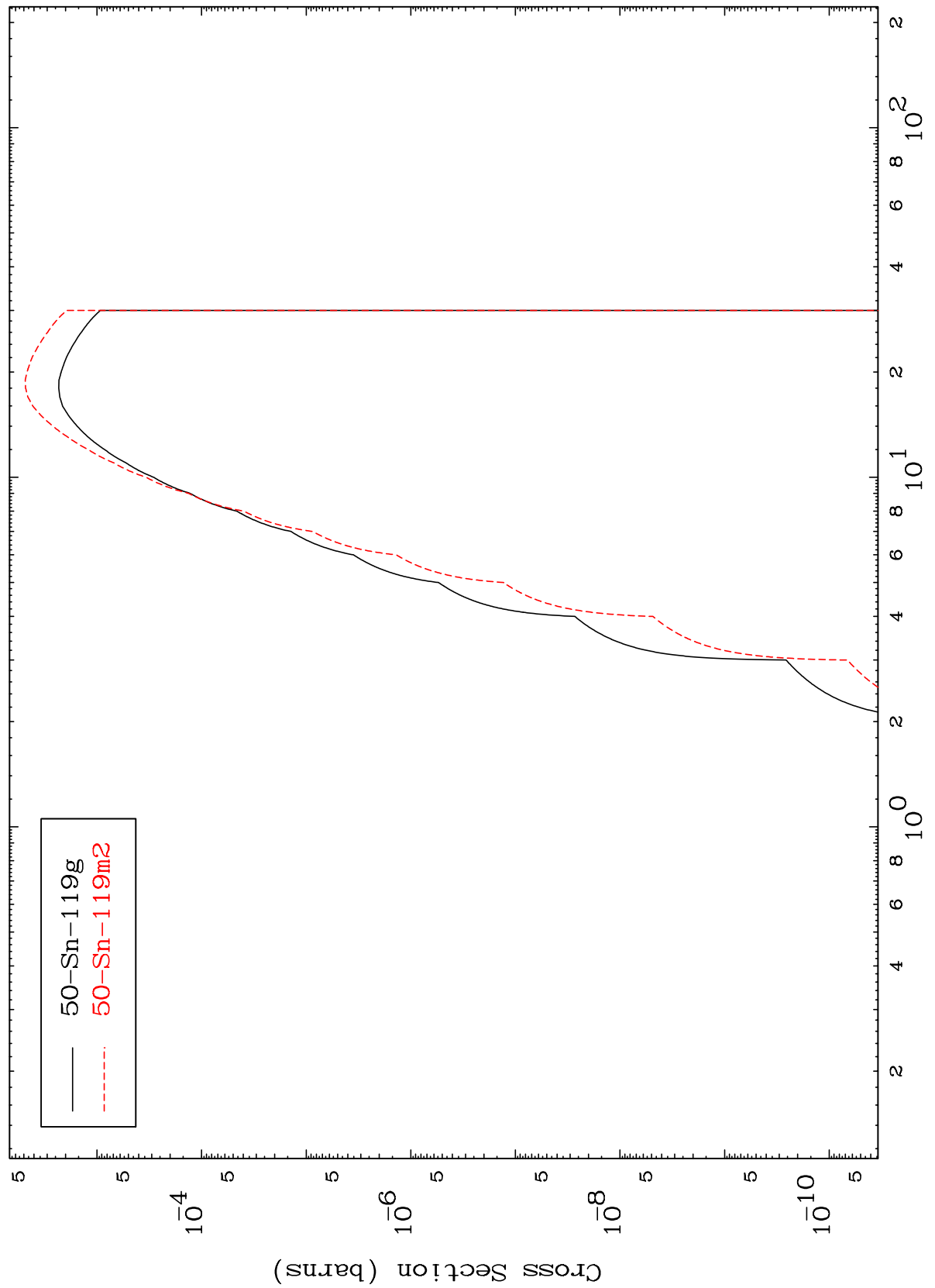
Incident Energy (MeV)

21

MAT 5128

51-Sb-122

Radionuclide Production Cross Section
(n, α)



— 50-Sn-119g
- - - 50-Sn-119m2

51-Sb-122

Incident Energy (MeV)

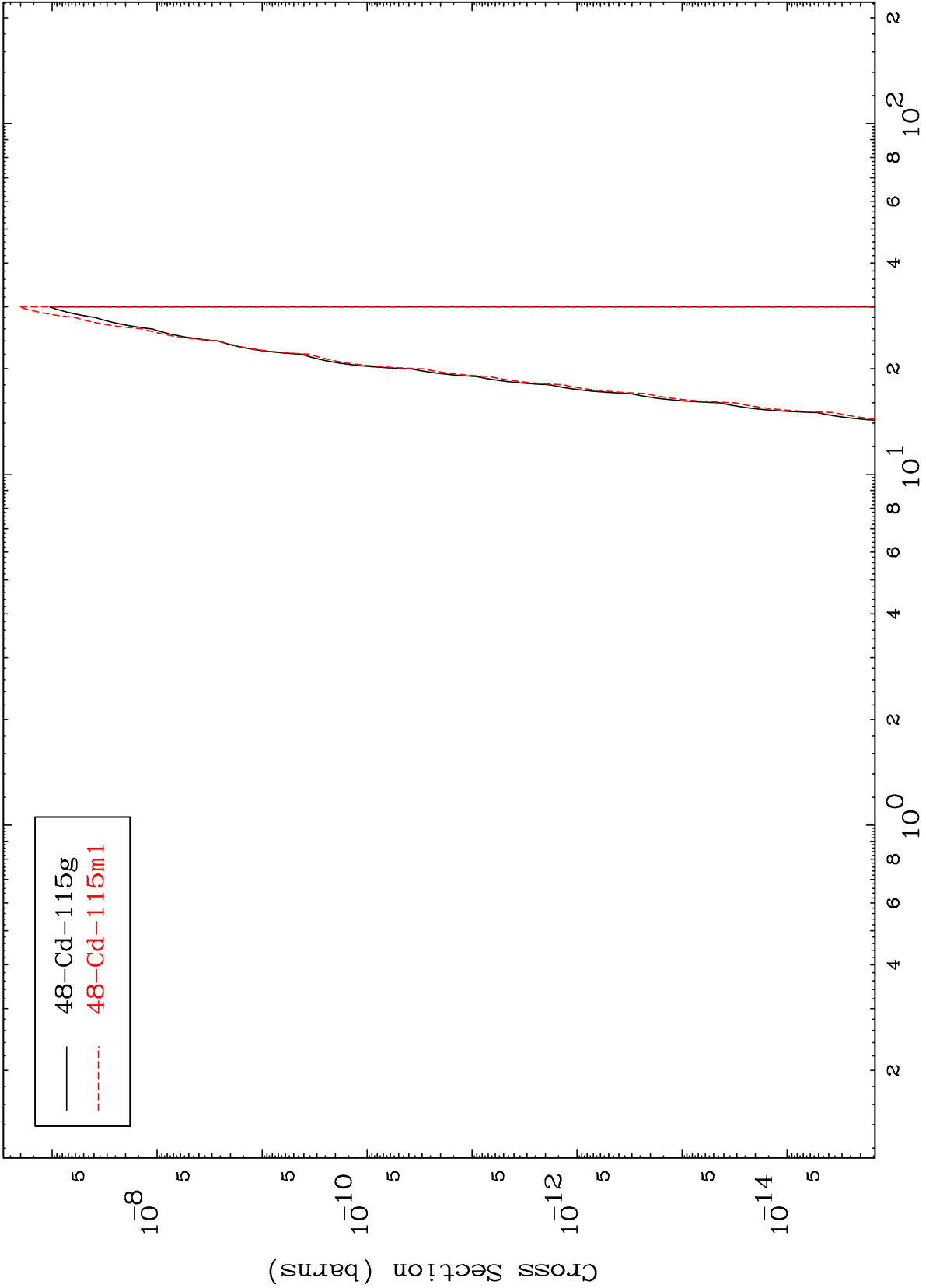
22

MAT 5128

(n,2α)

51-Sb-122

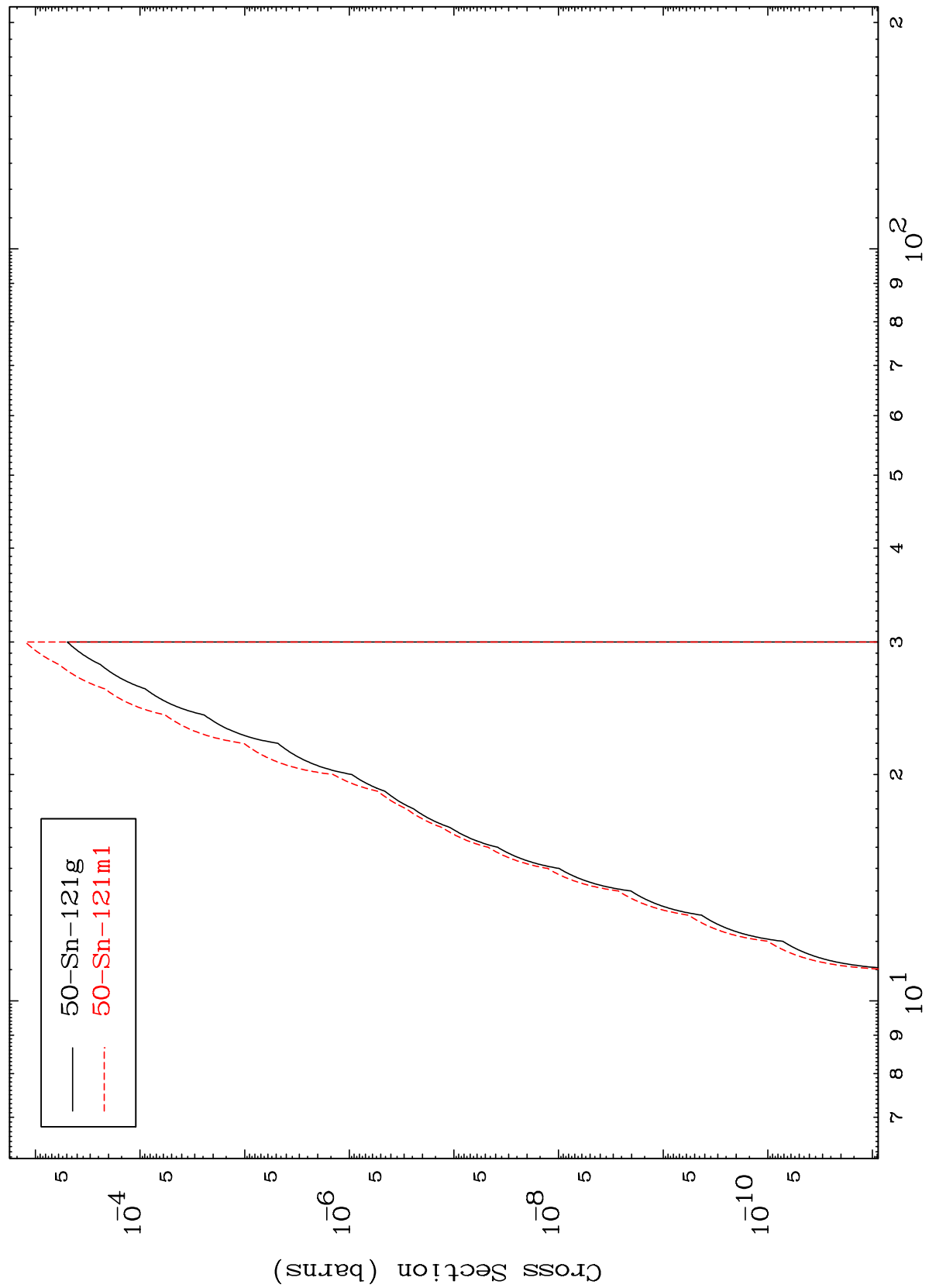
Radionuclide Production Cross Section



MAT 5128

51-Sb-122

(n,2p)
Radionuclide Production Cross Section



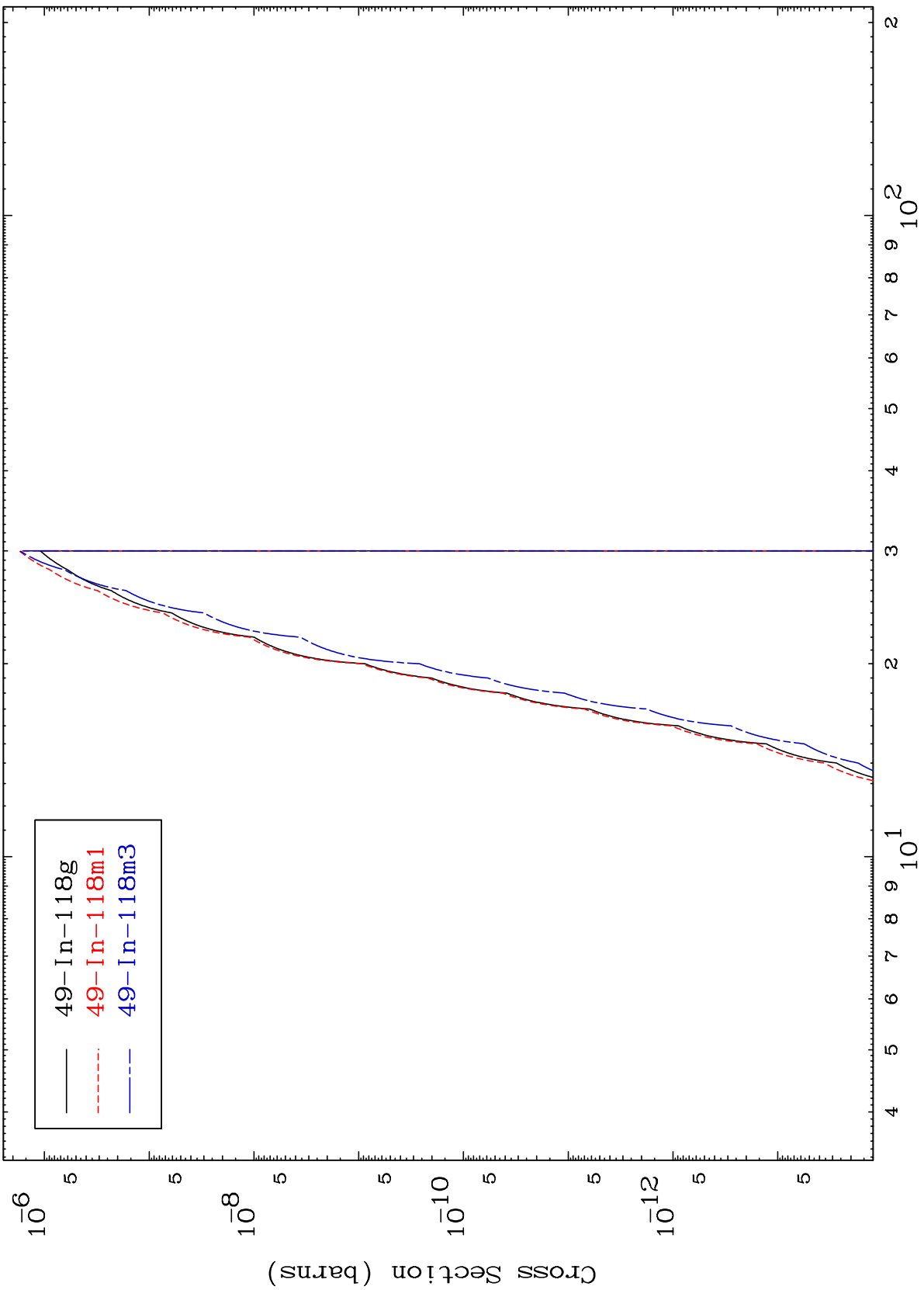
50-Sn-121g
50-Sn-121m1

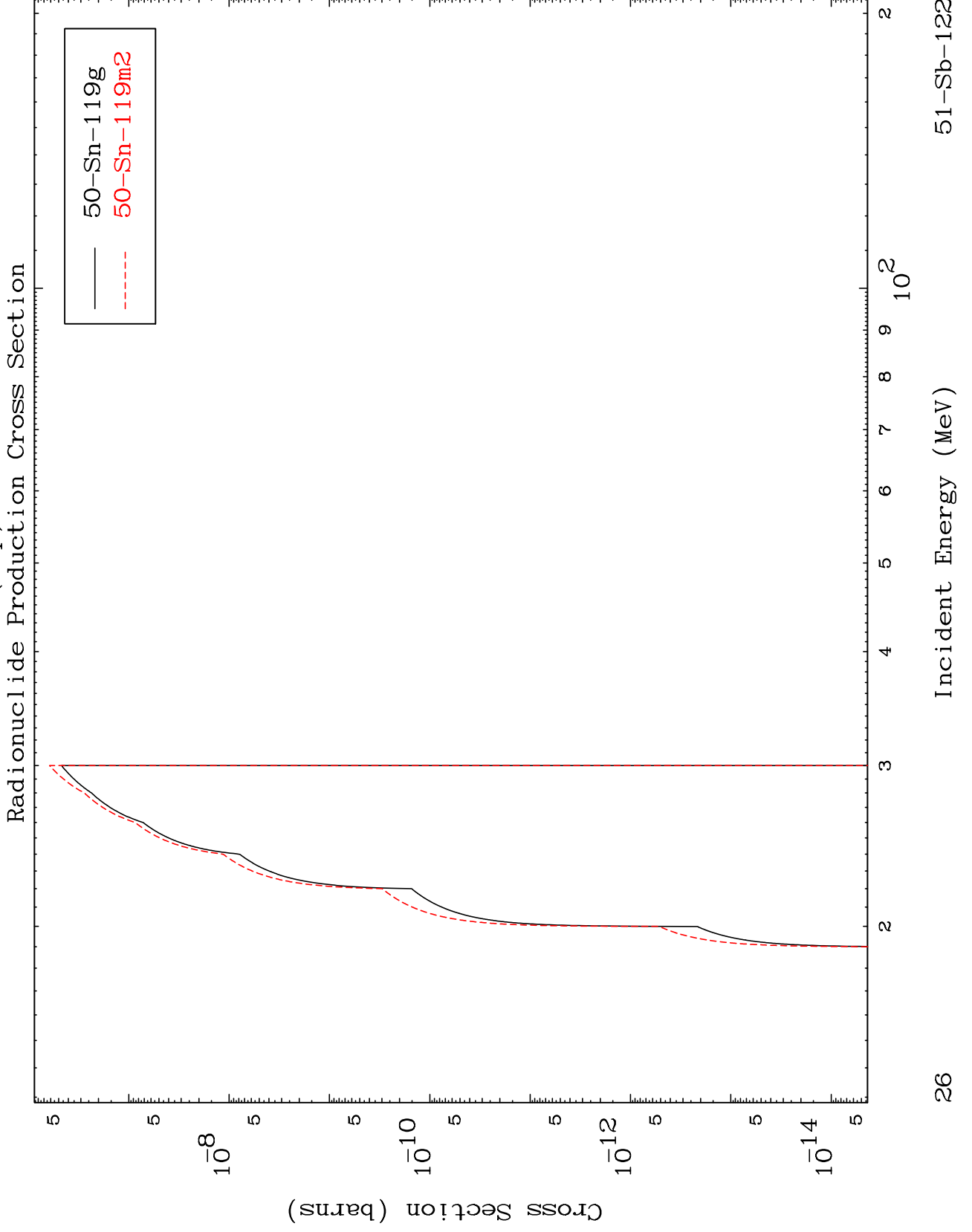
51-Sb-122

Incident Energy (MeV)

24

Radionuclide Production Cross Section



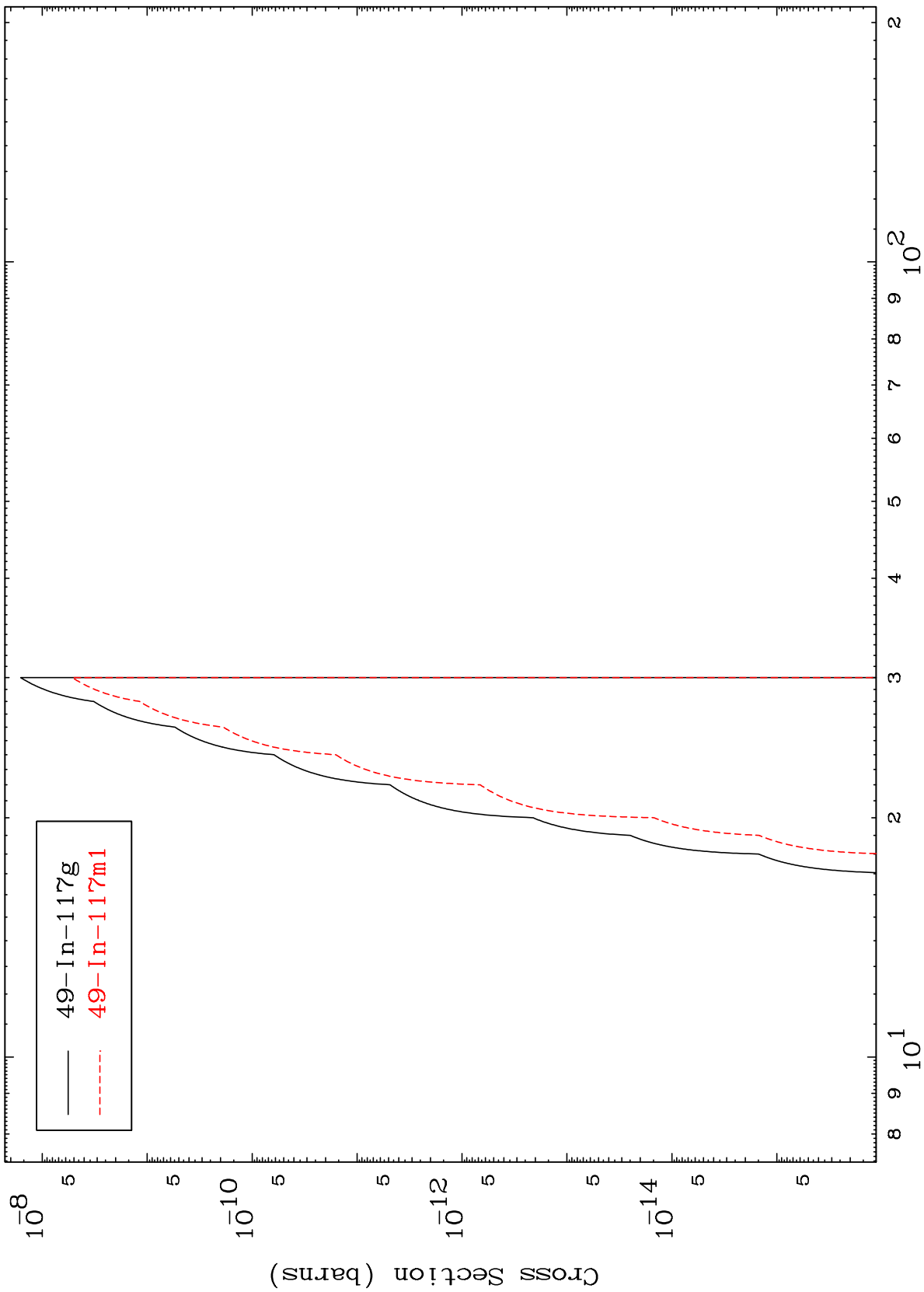


MAT 5128

(n,d) α

51-Sb-122

Radionuclide Production Cross Section



27

Incident Energy (MeV)

51-Sb-122