

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

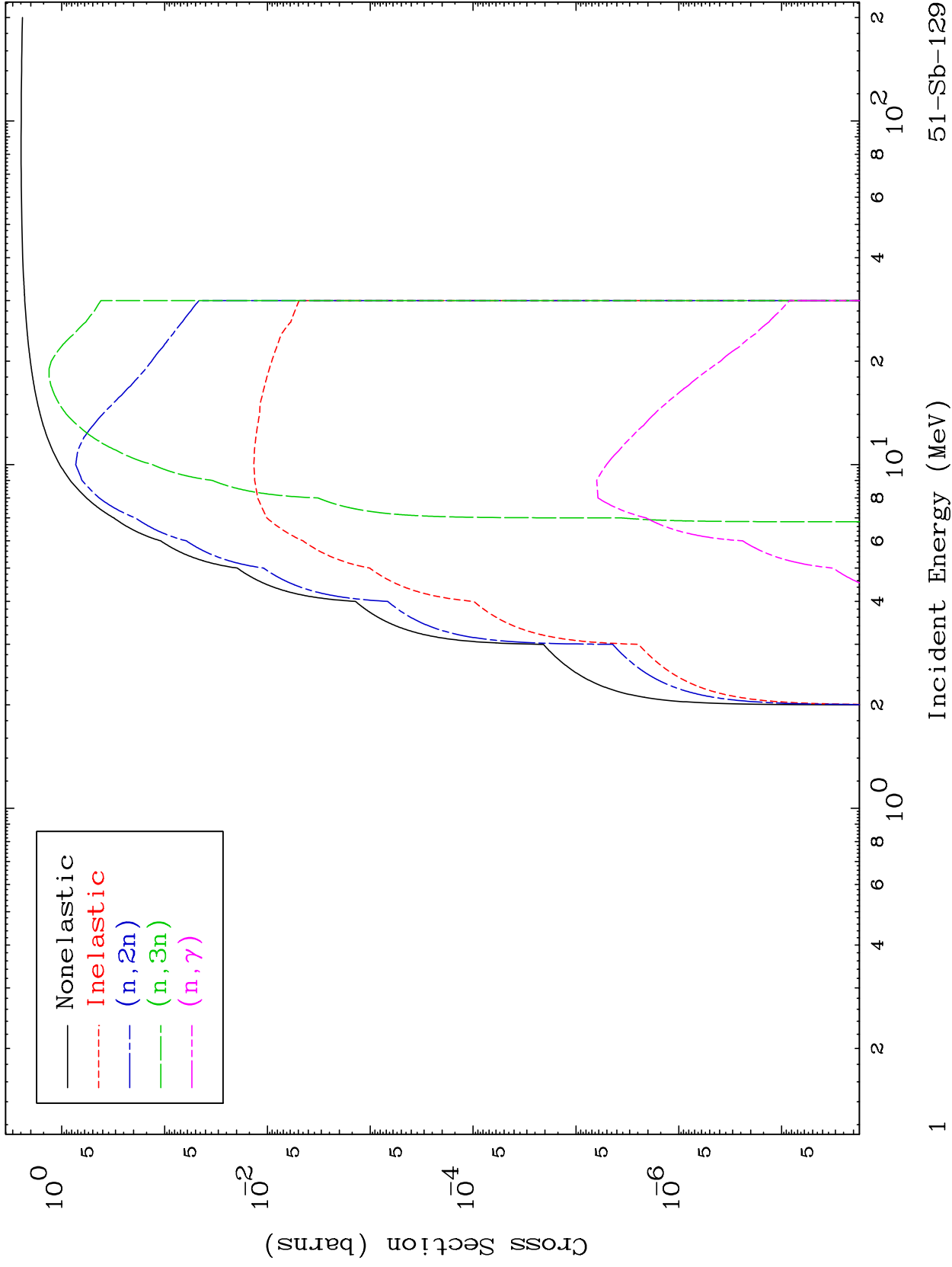
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

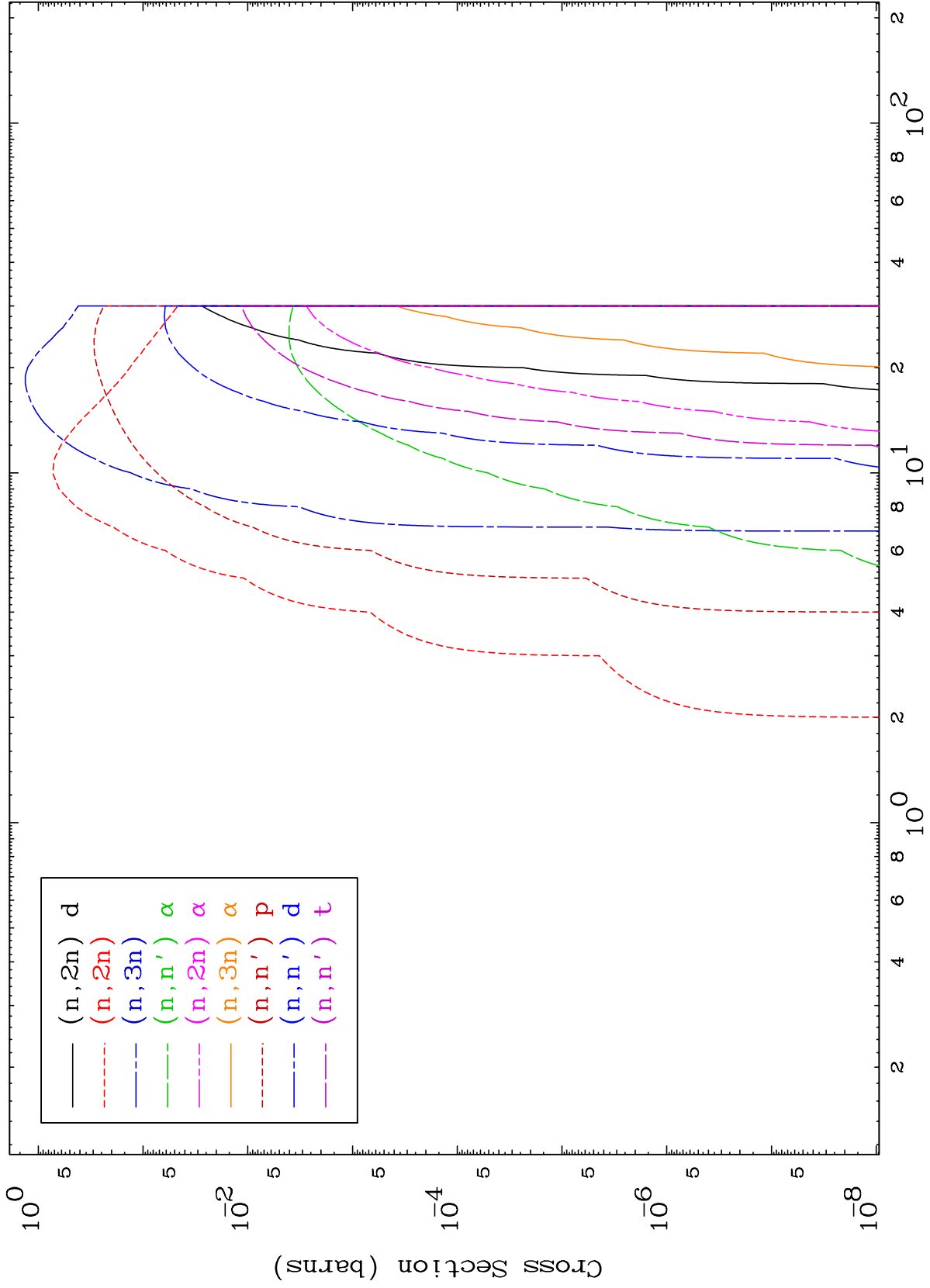
Tele: 925-443-1911

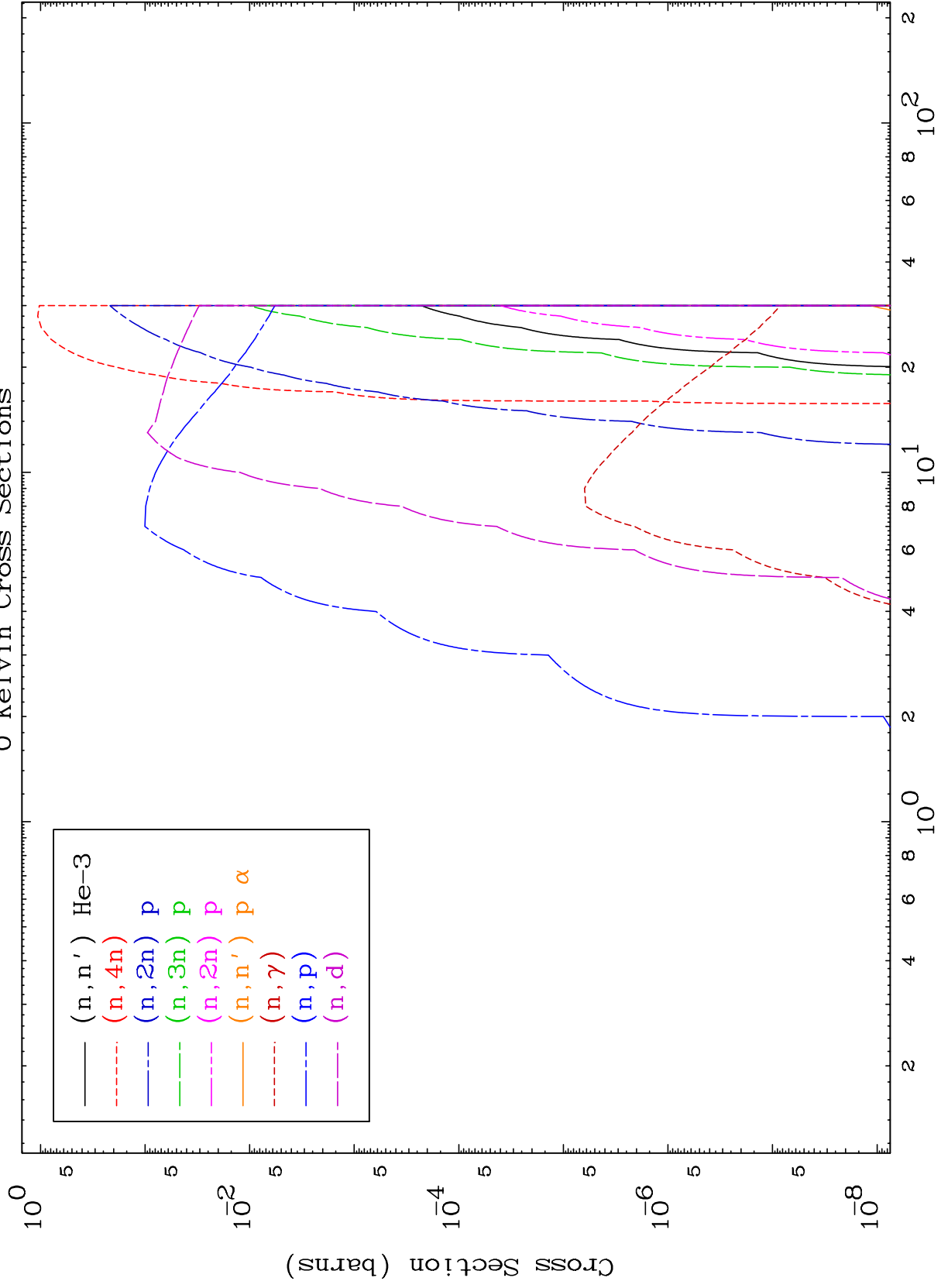
E.Mail:redcullen1@comcast.net

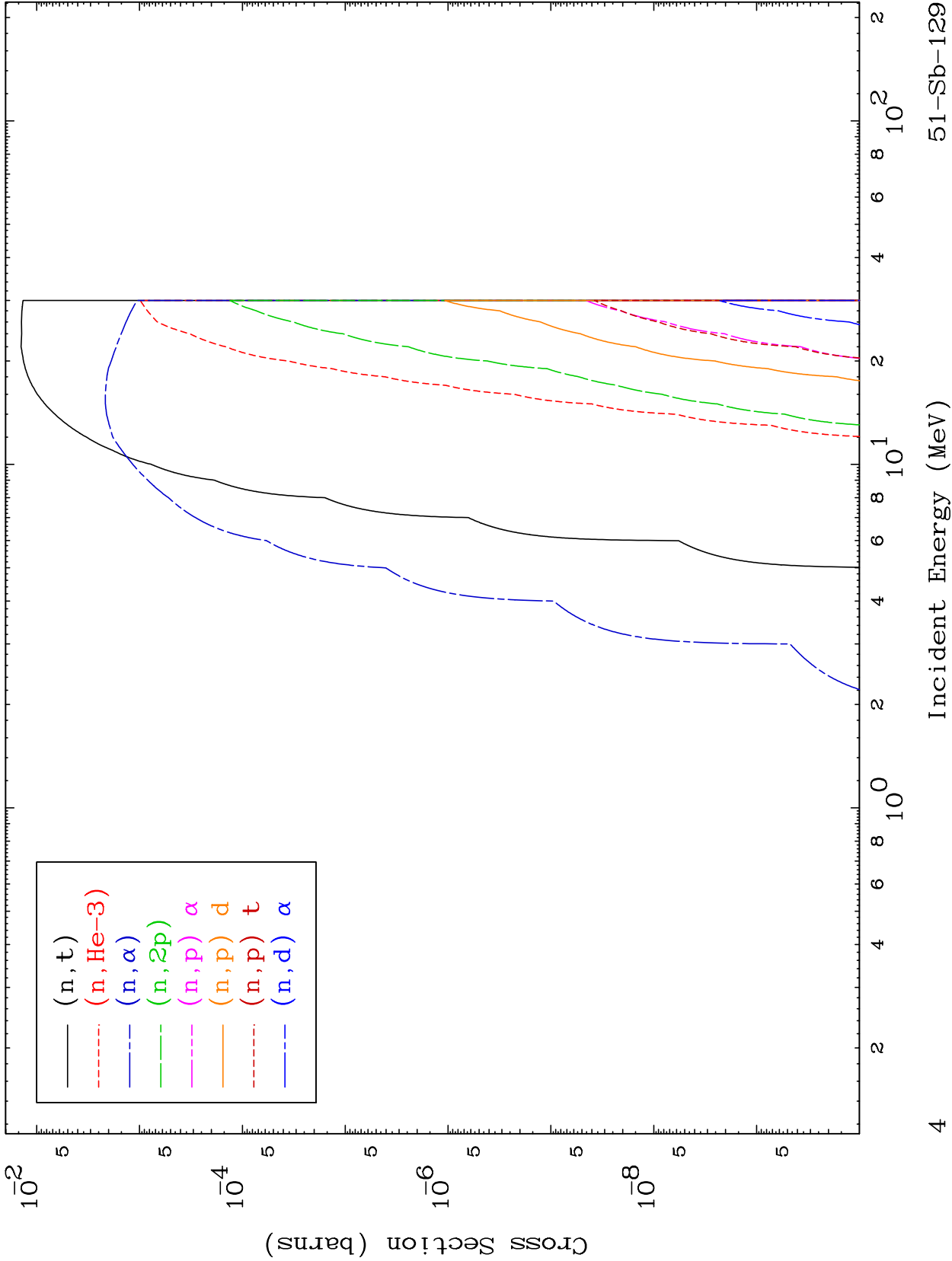
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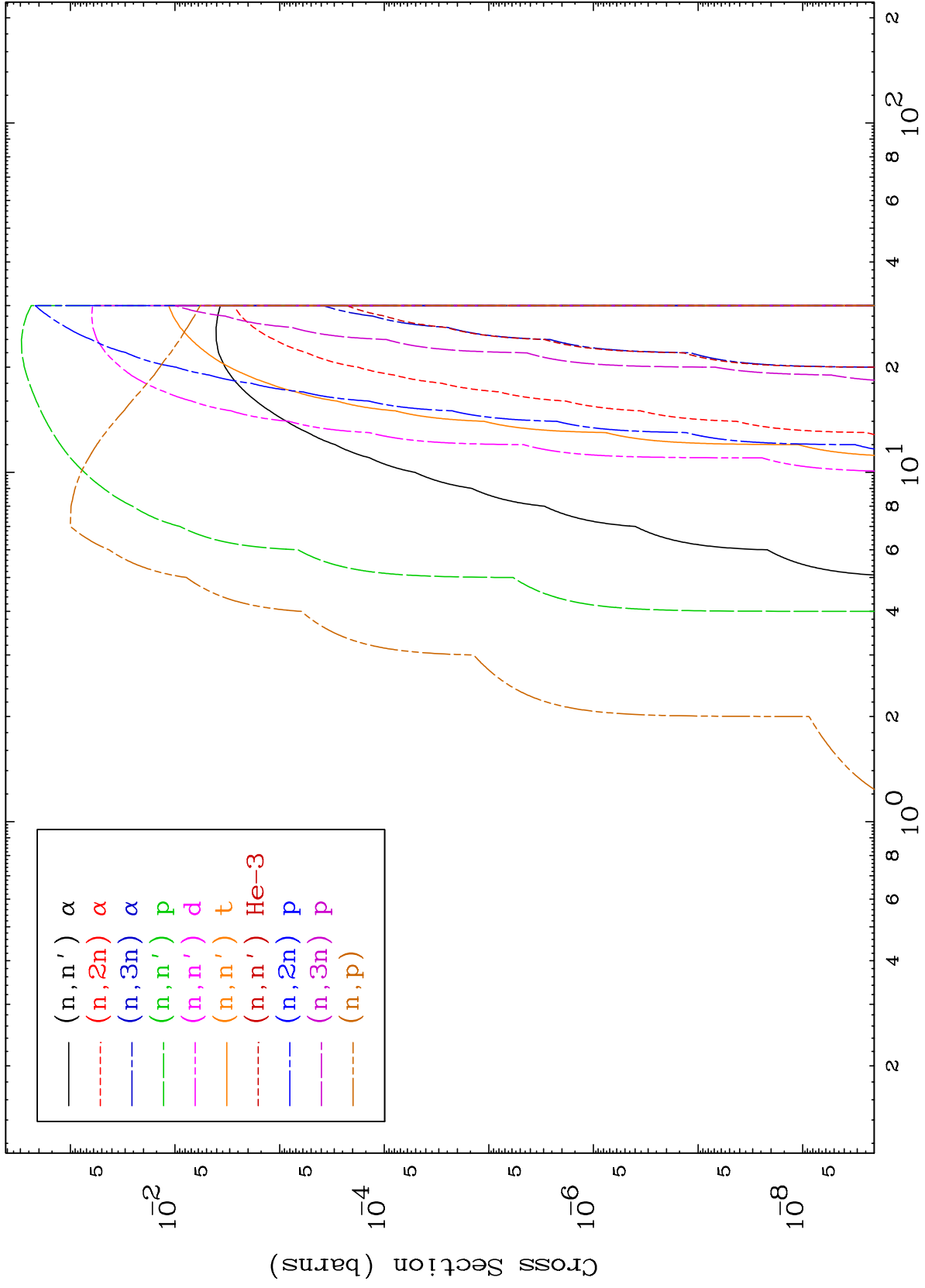
Press Mouse Button to Start

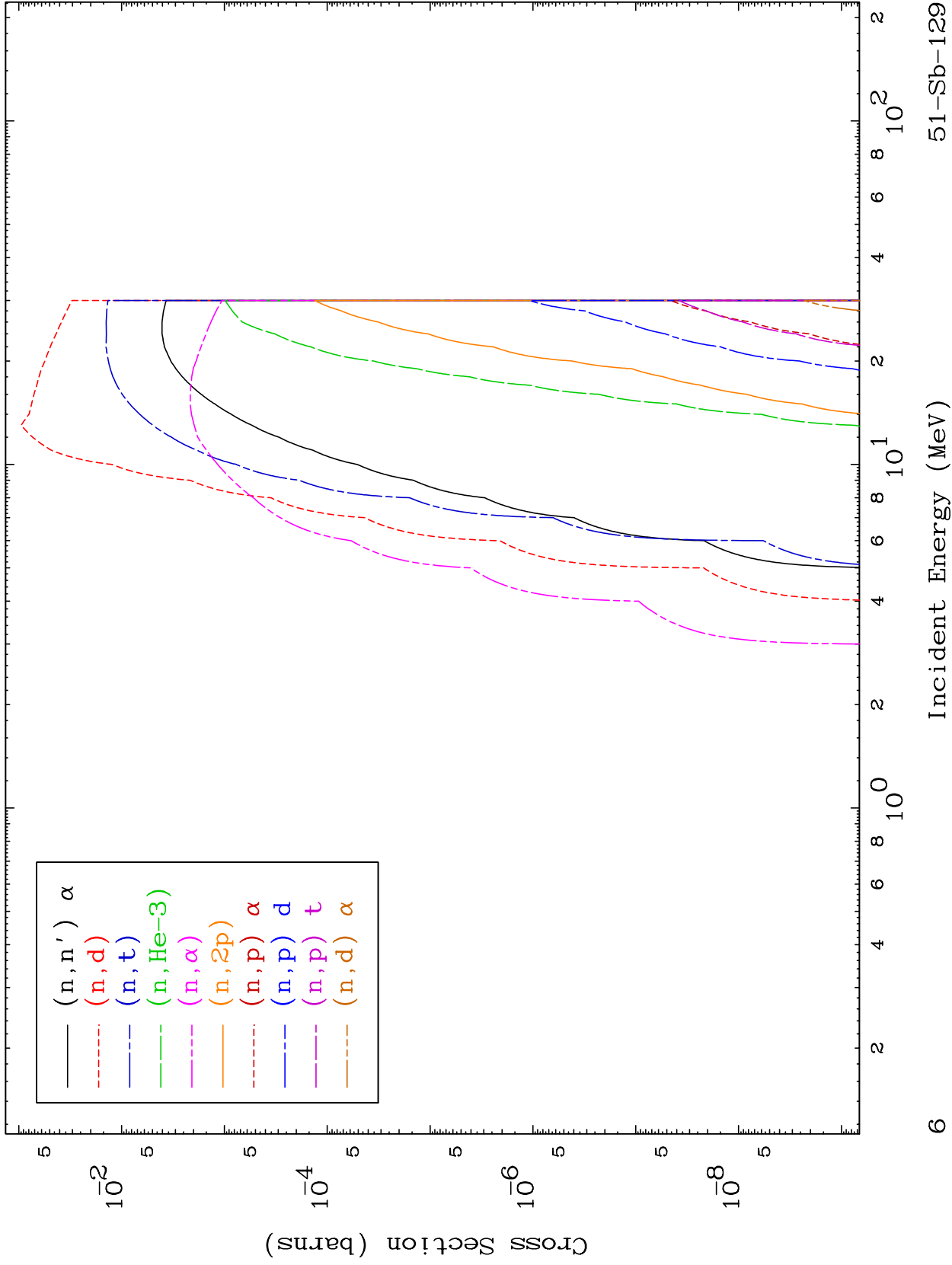








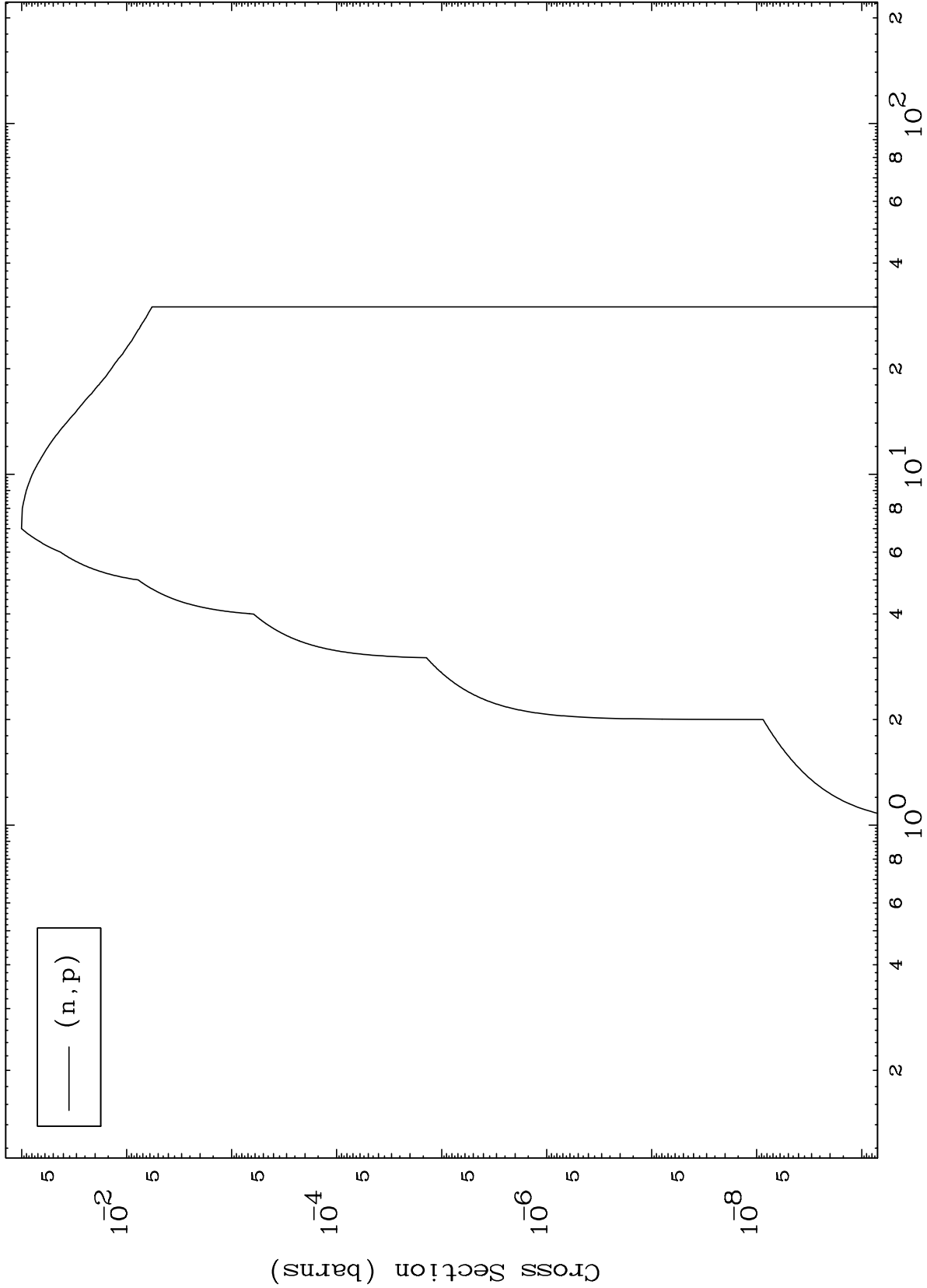




MAT 5149

51-Sb-129

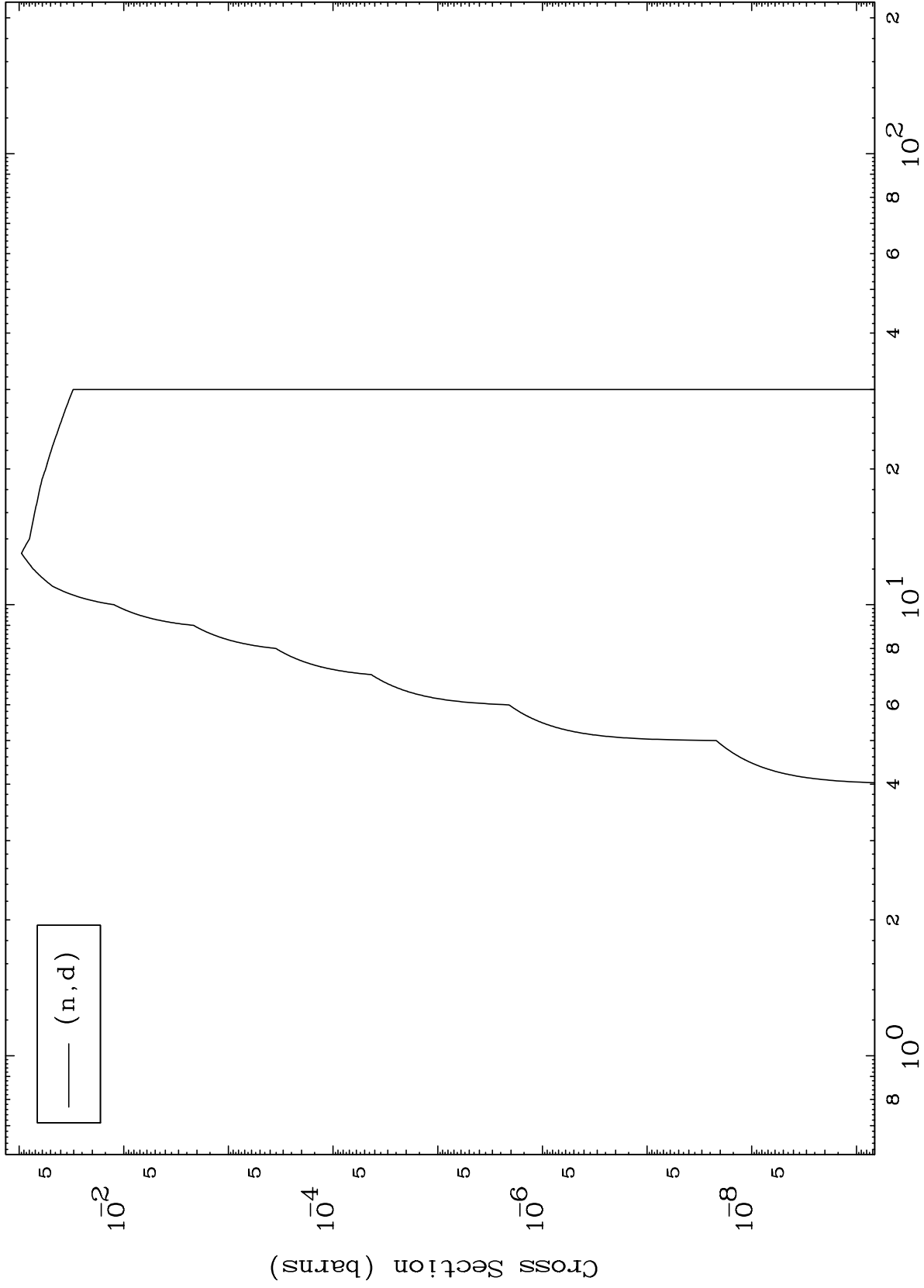
(d,p) Levels
0 Kelvin Cross Sections



MAT 5149

51-Sb-129

(d,d) Levels
0 Kelvin Cross Sections



8

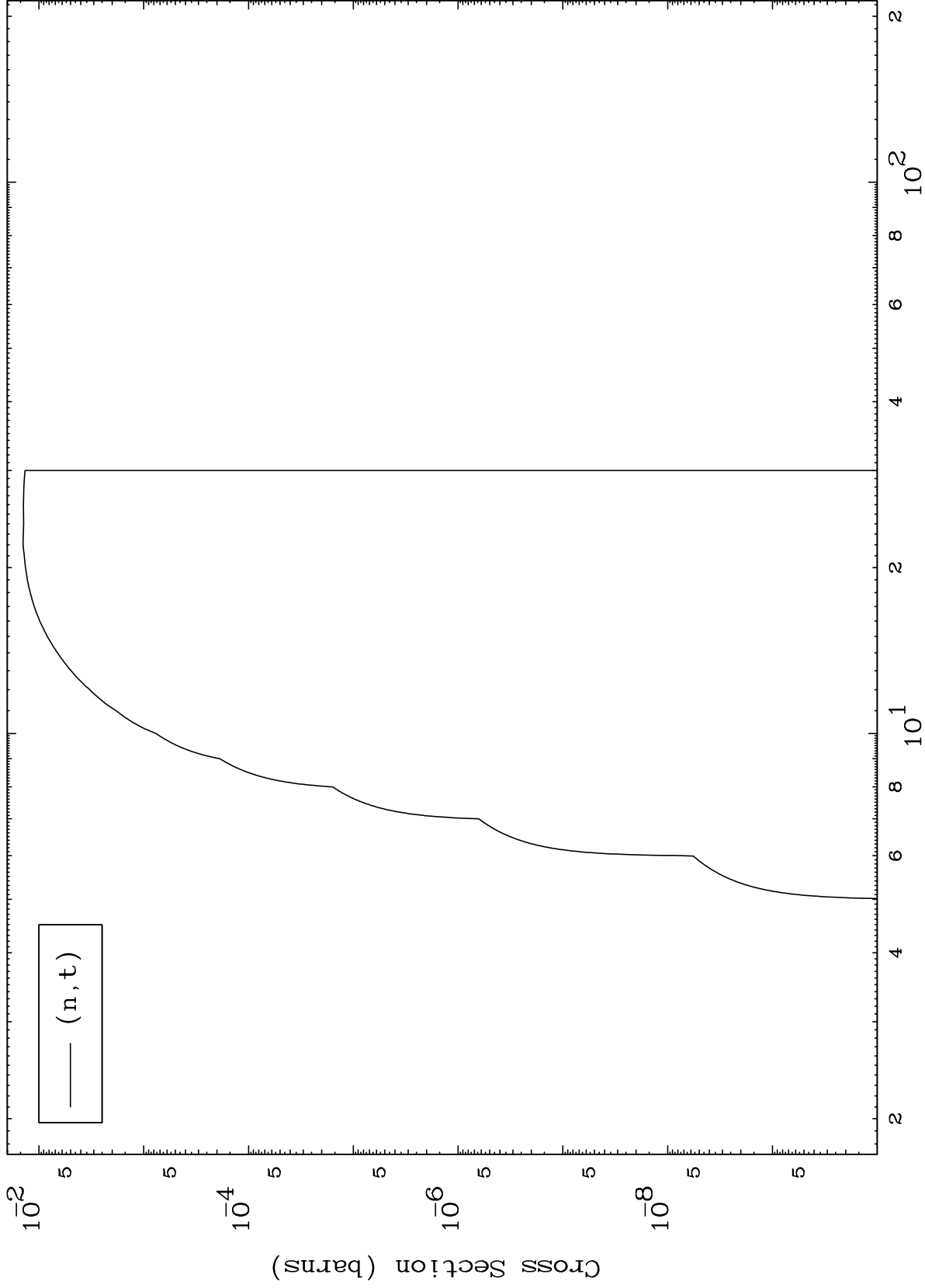
51-Sb-129

Incident Energy (MeV)

MAT 5149

(d,t) Levels
0 Kelvin Cross Sections

51-Sb-129



9

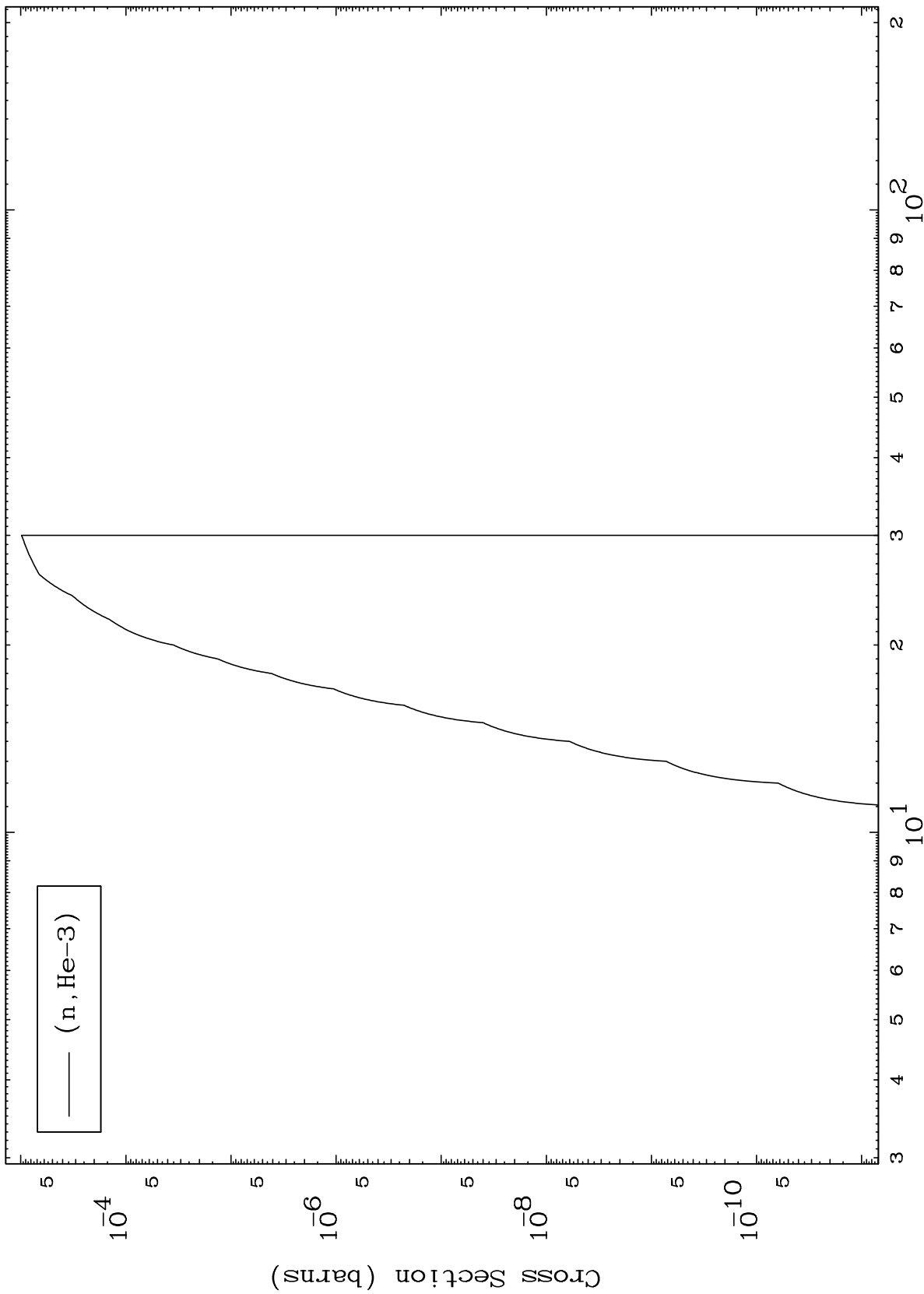
Incident Energy (MeV)

51-Sb-129

MAT 5149

51-Sb-129

(d,He3) Levels
0 Kelvin Cross Sections



51-Sb-129

Incident Energy (MeV)

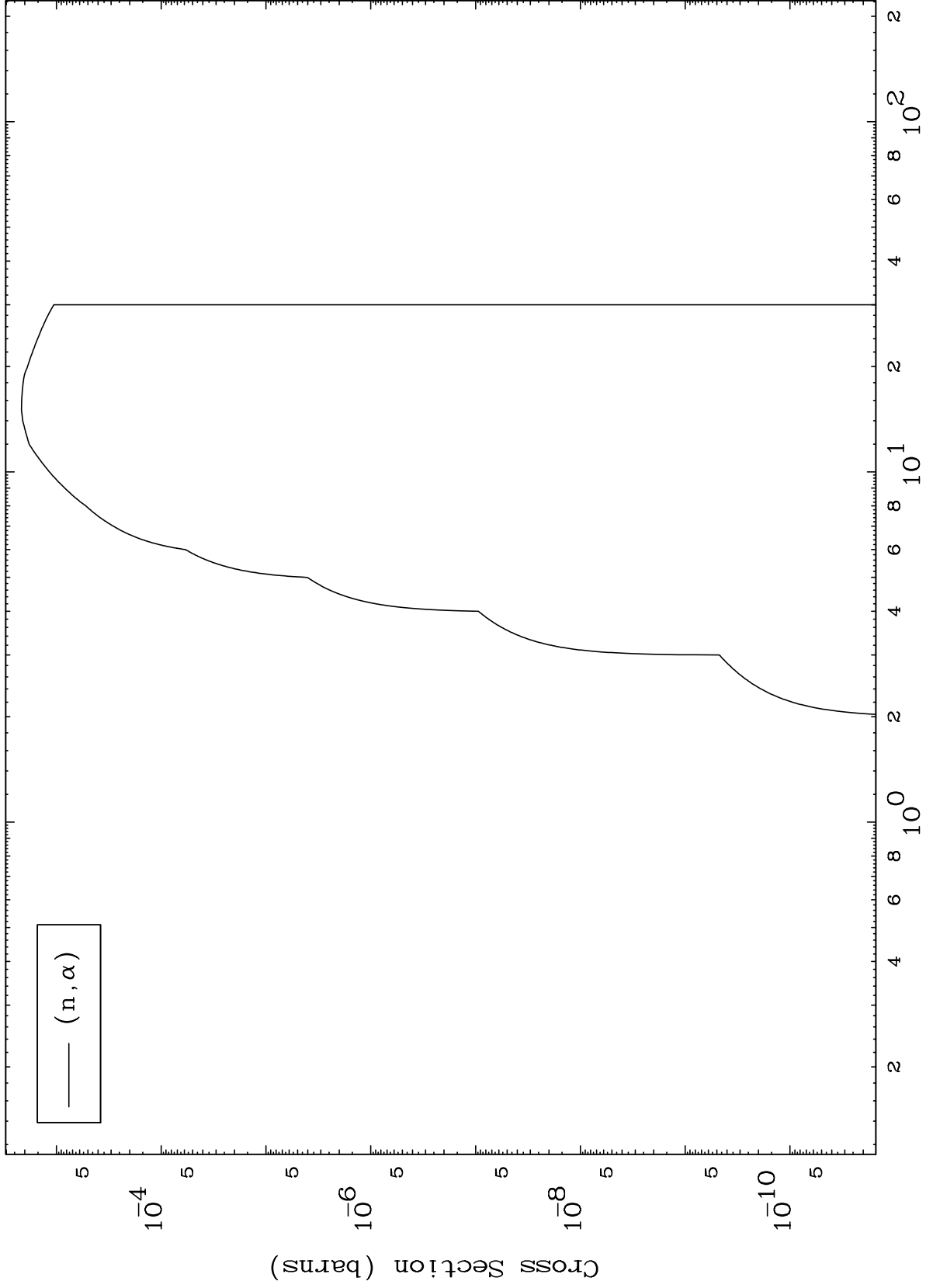
10

MAT 5149

(d, α) Levels

51-Sb-129

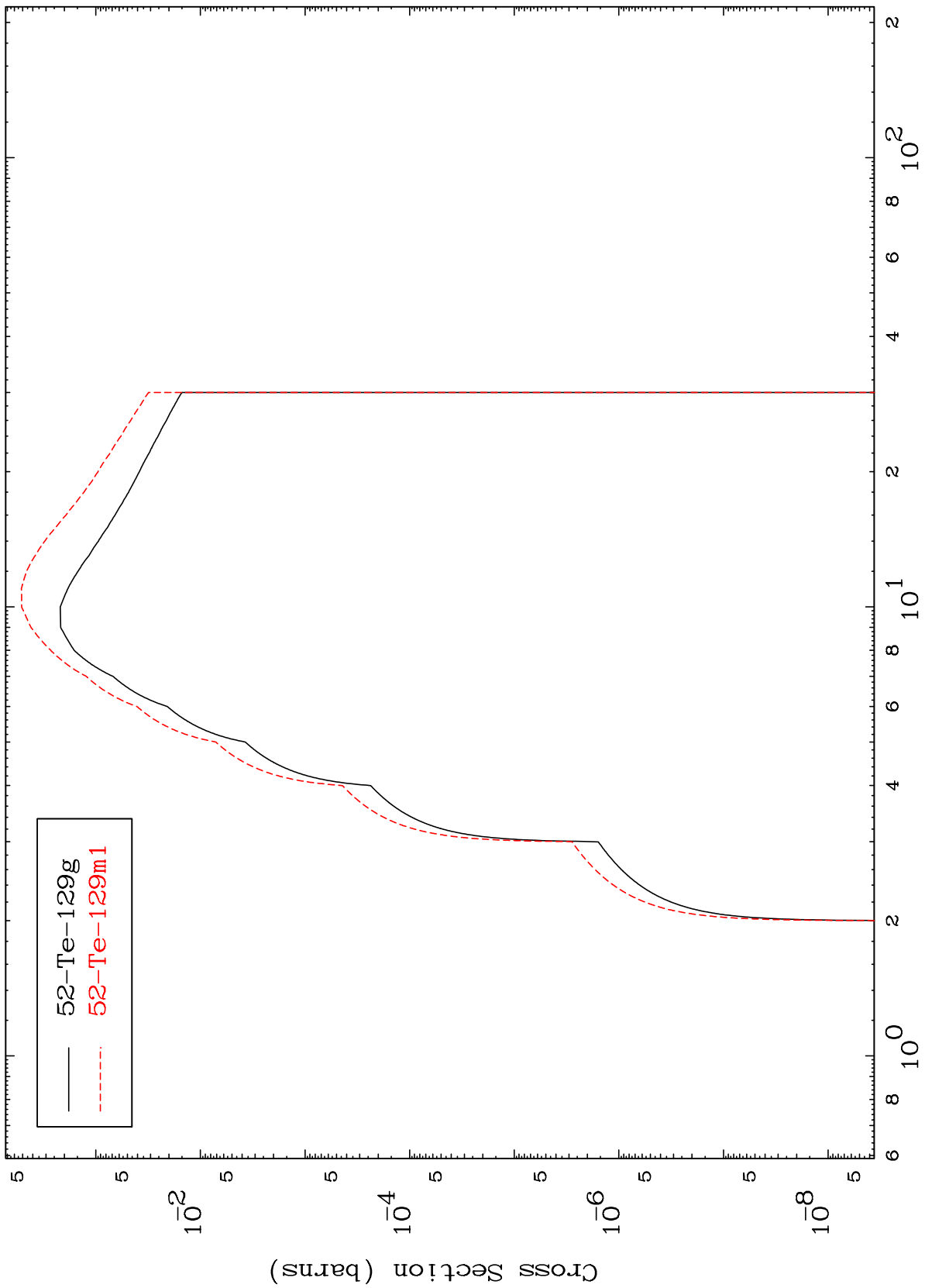
0 Kelvin Cross Sections



MAT 5149

51-Sb-129

(n,2n)
Radionuclide Production Cross Section



— 52-Te-129g
- - - 52-Te-129m1

12

Incident Energy (MeV)

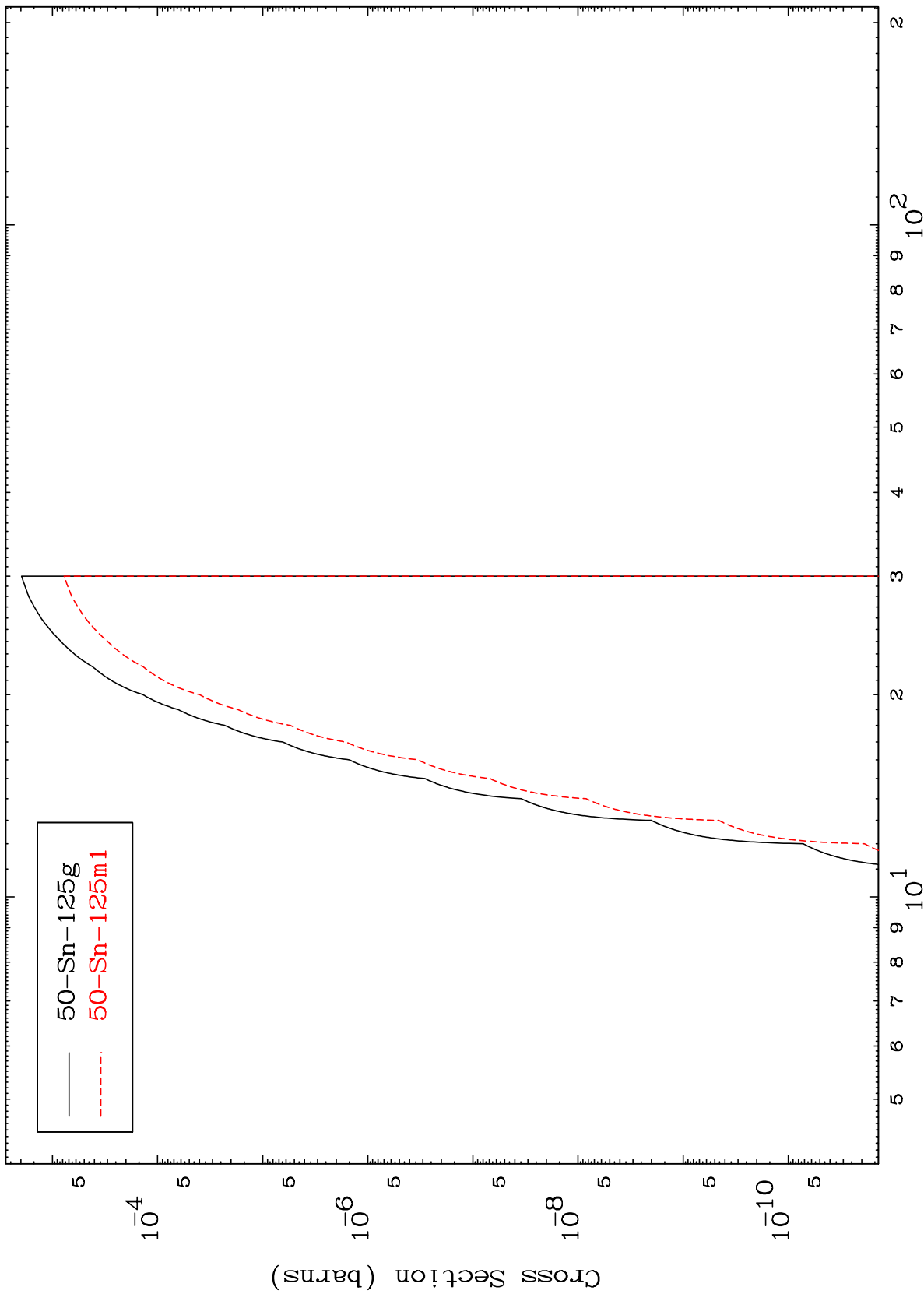
51-Sb-129

MAT 5149

(n,2n) α

51-Sb-129

Radionuclide Production Cross Section



13

Incident Energy (MeV)

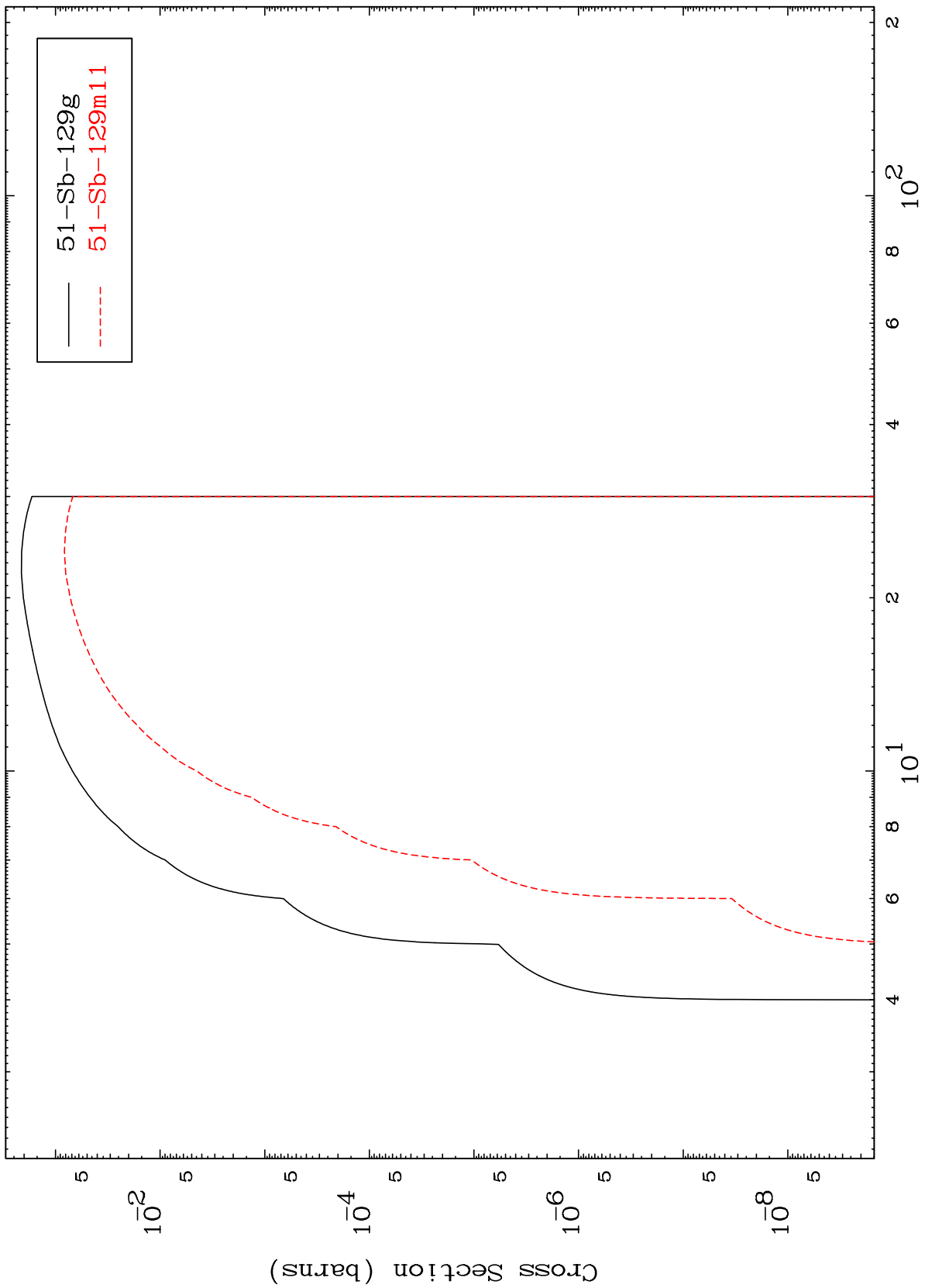
51-Sb-129

MAT 5149

51-Sb-129

(n,n') p

Radionuclide Production Cross Section



14

51-Sb-129

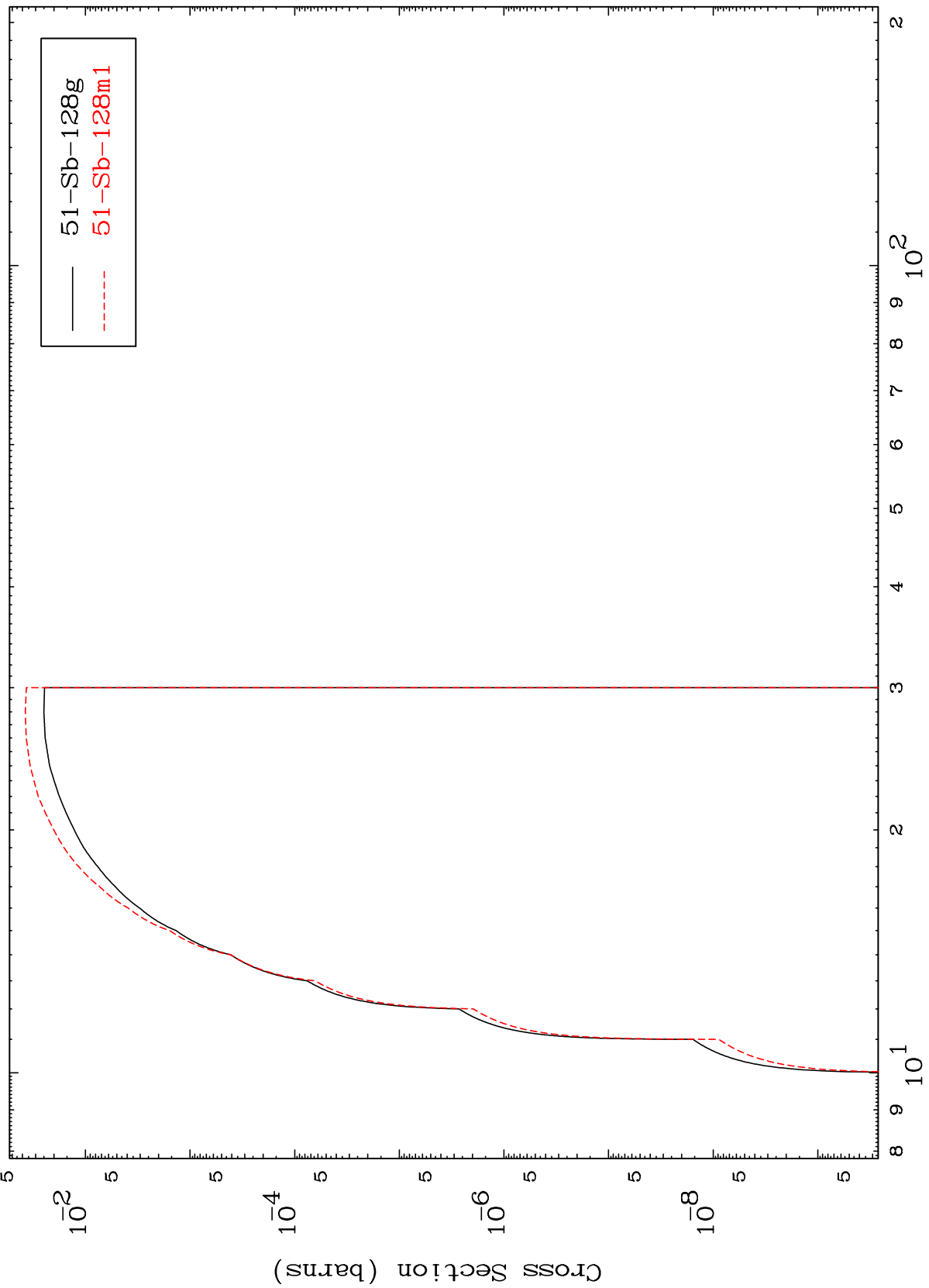
Incident Energy (MeV)

MAT 5149

(n,n') d

51-Sb-129

Radionuclide Production Cross Section



15

Incident Energy (MeV)

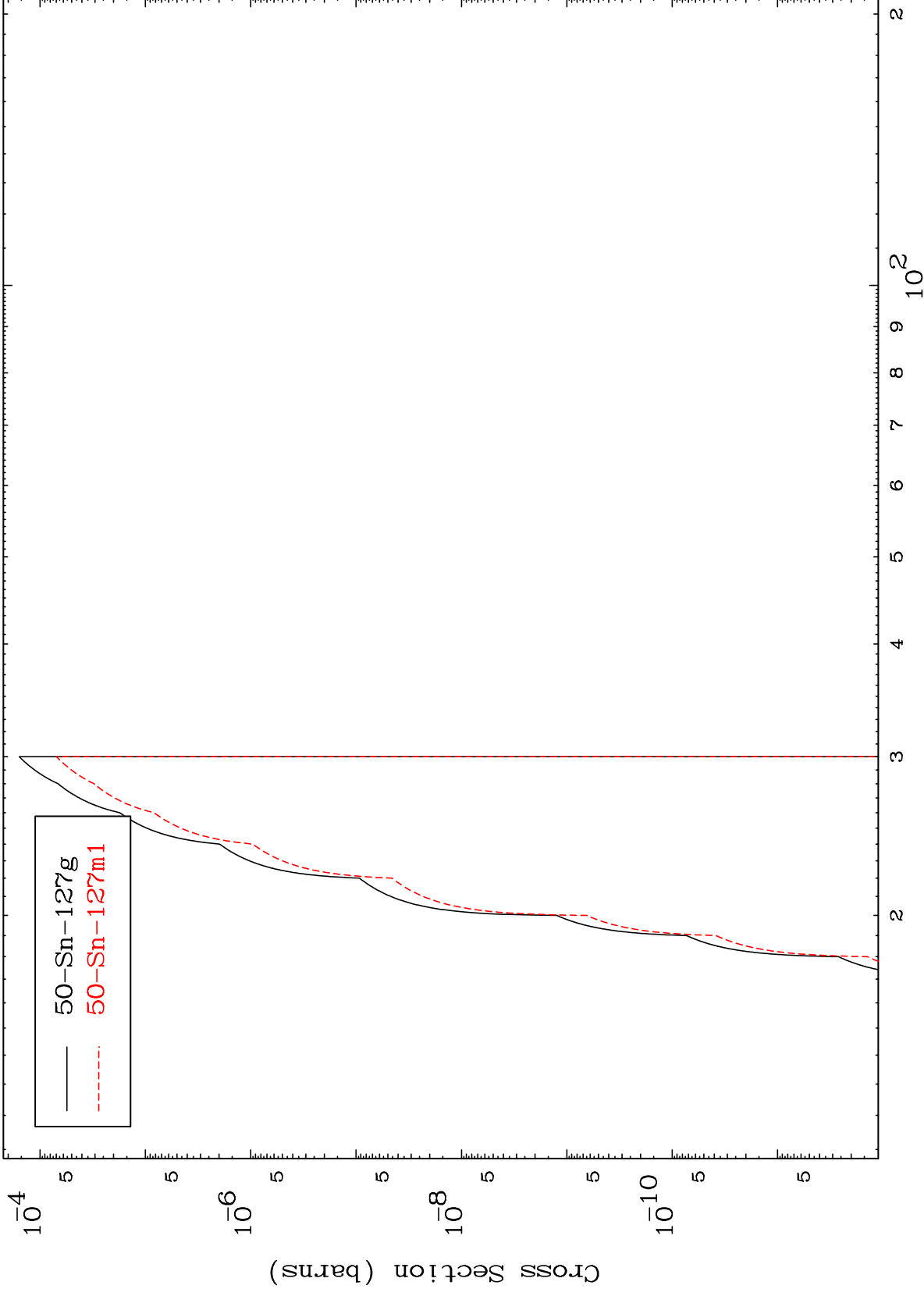
51-Sb-129

MAT 5149

(n,n') He-3

51-Sb-129

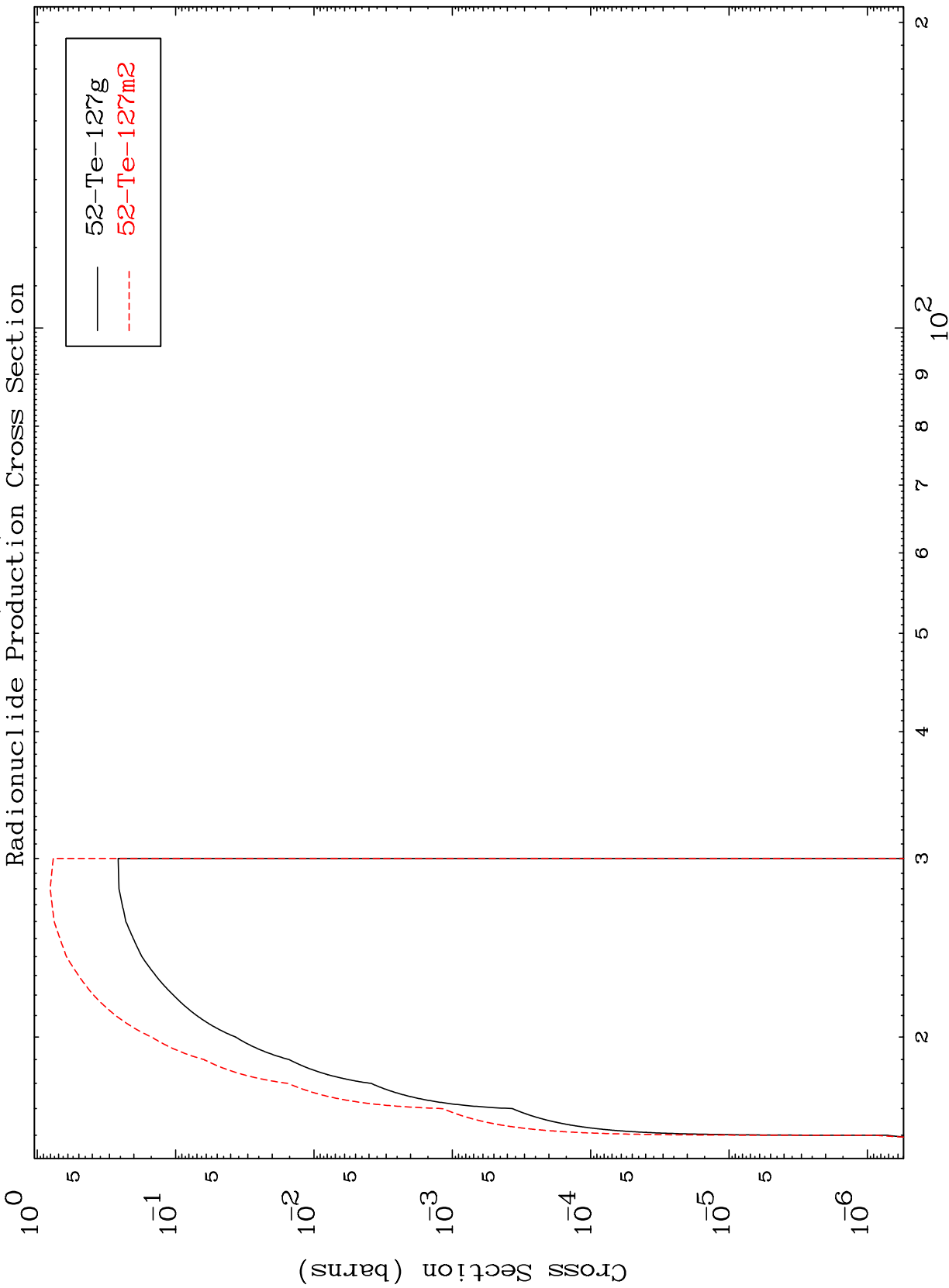
Radionuclide Production Cross Section



MAT 5149

51-Sb-129

(n,4n)
Radionuclide Production Cross Section



52-Te-127g
52-Te-127m2

51-Sb-129

Incident Energy (MeV)

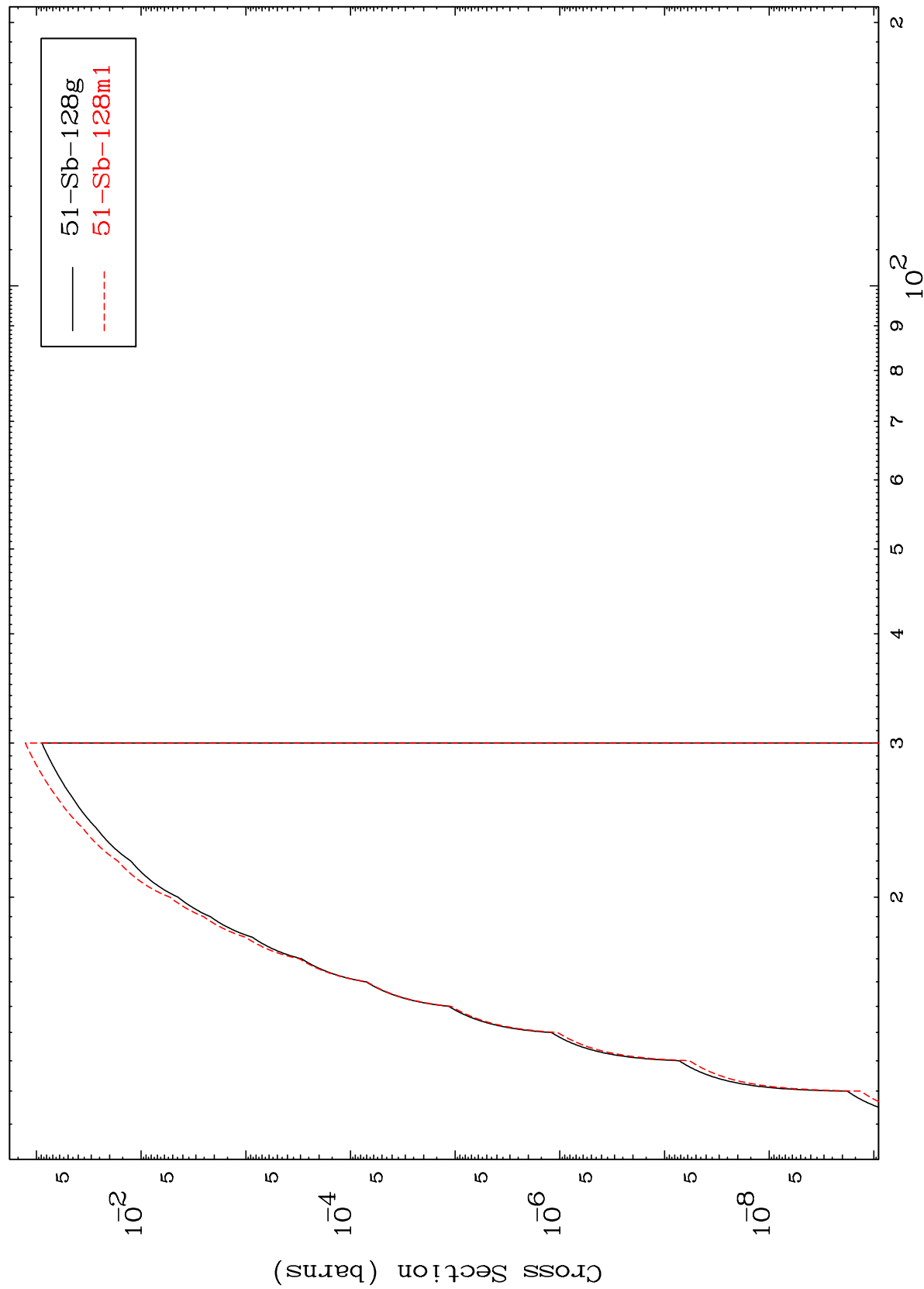
17

MAT 5149

(n,2n) p

51-Sb-129

Radionuclide Production Cross Section



18

Incident Energy (MeV)

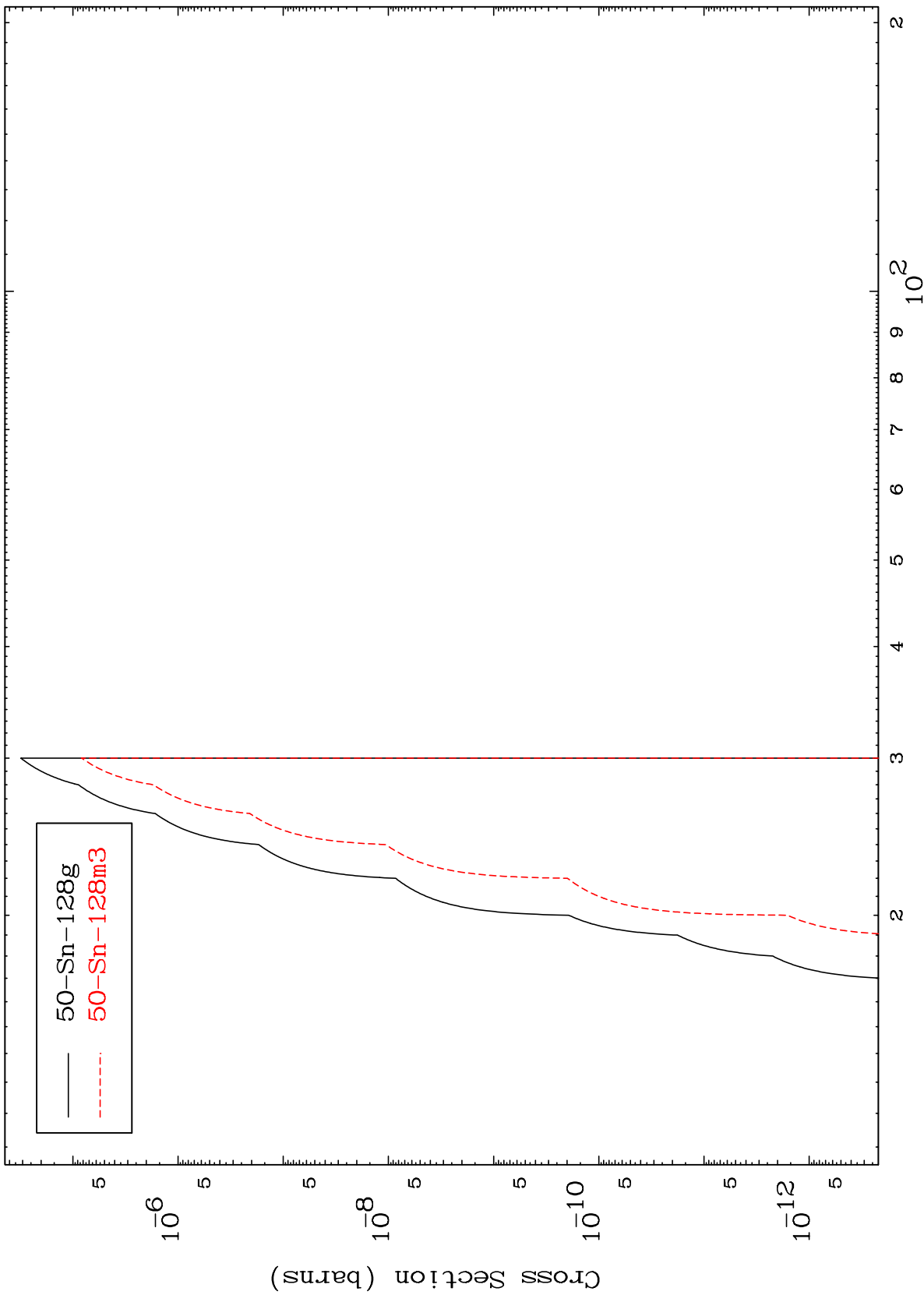
51-Sb-129

MAT 5149

(n,2n) p

51-Sb-129

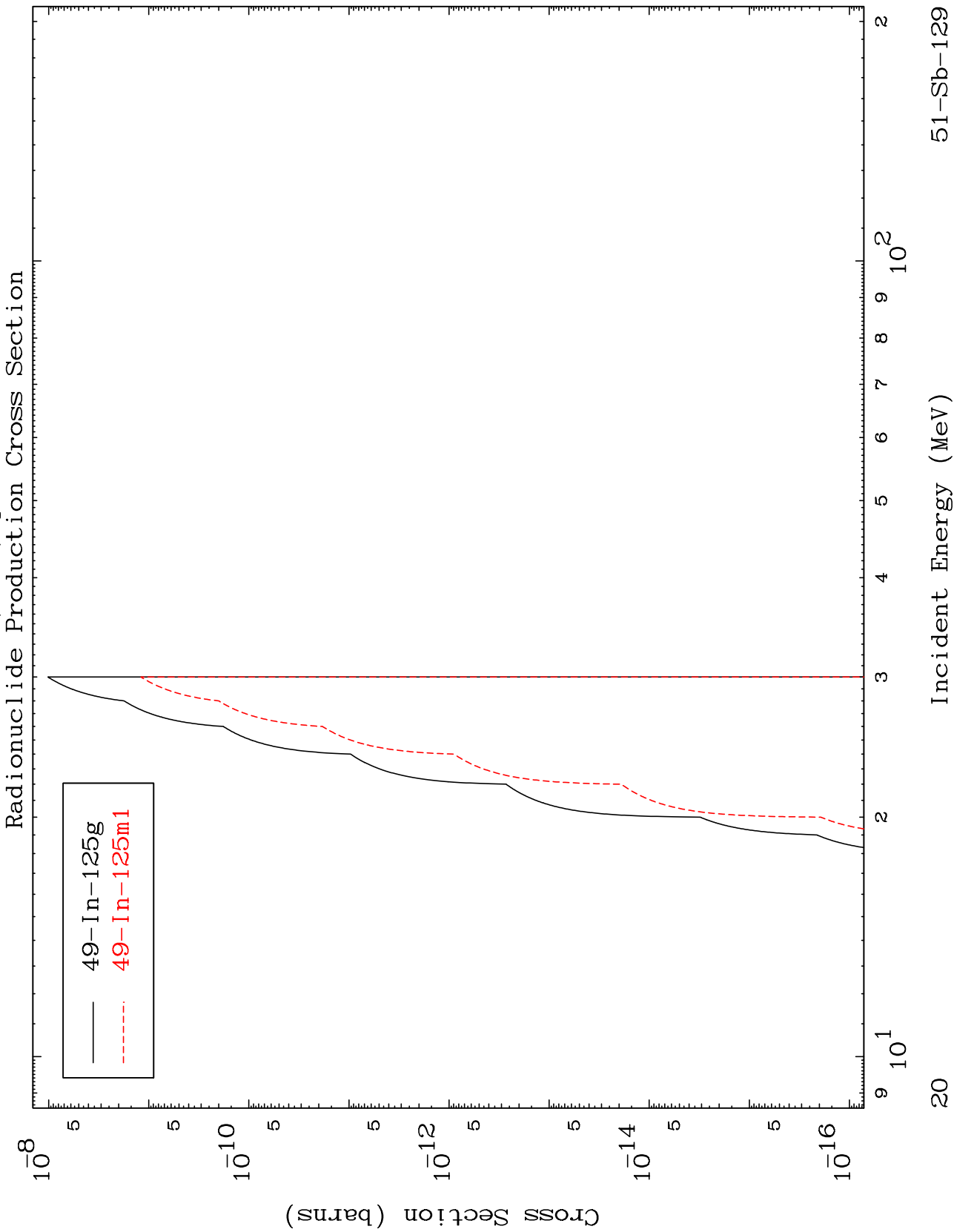
Radionuclide Production Cross Section



MAT 5149

(n,n') p α

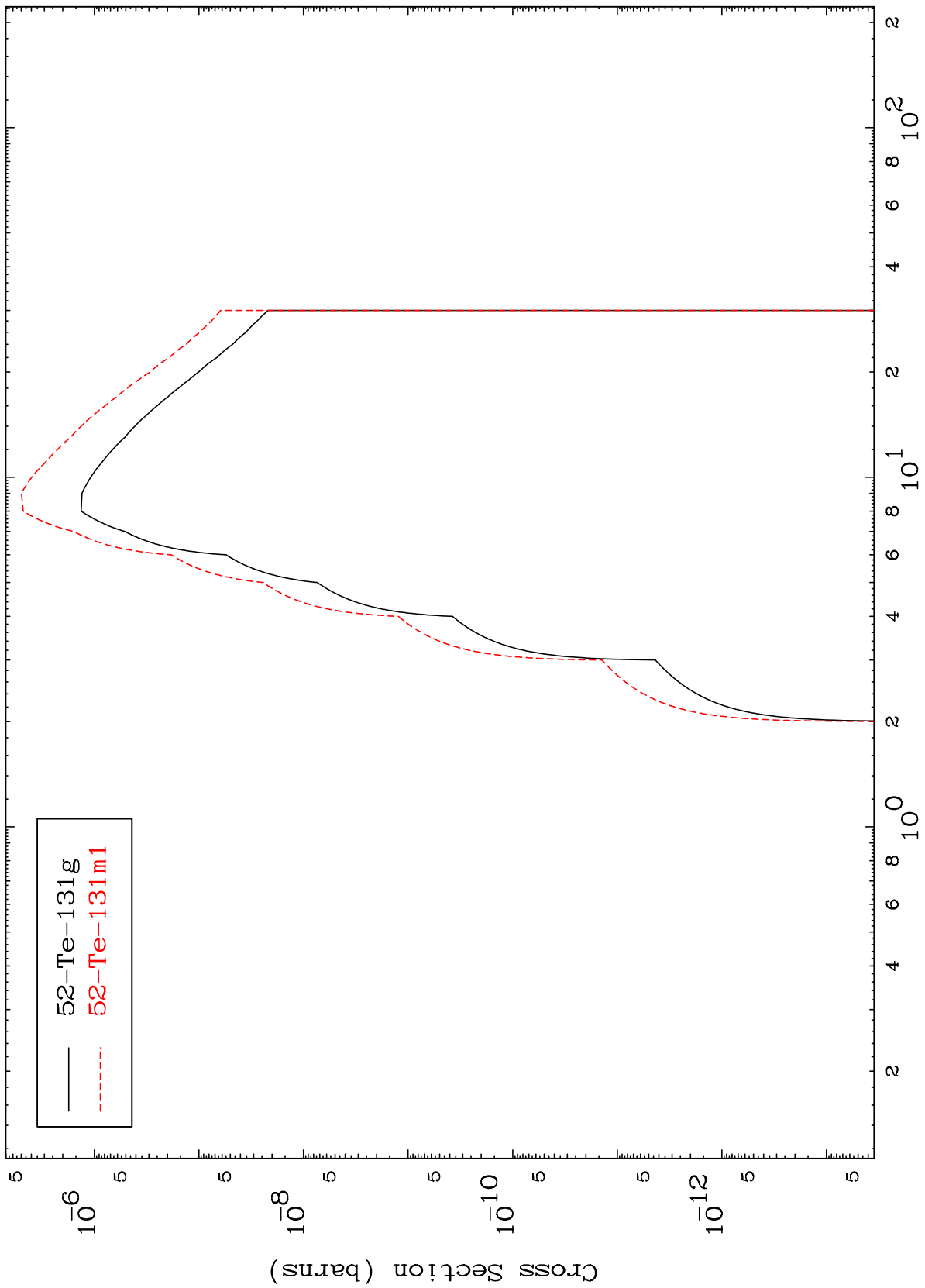
51-Sb-129



MAT 5149

51-Sb-129

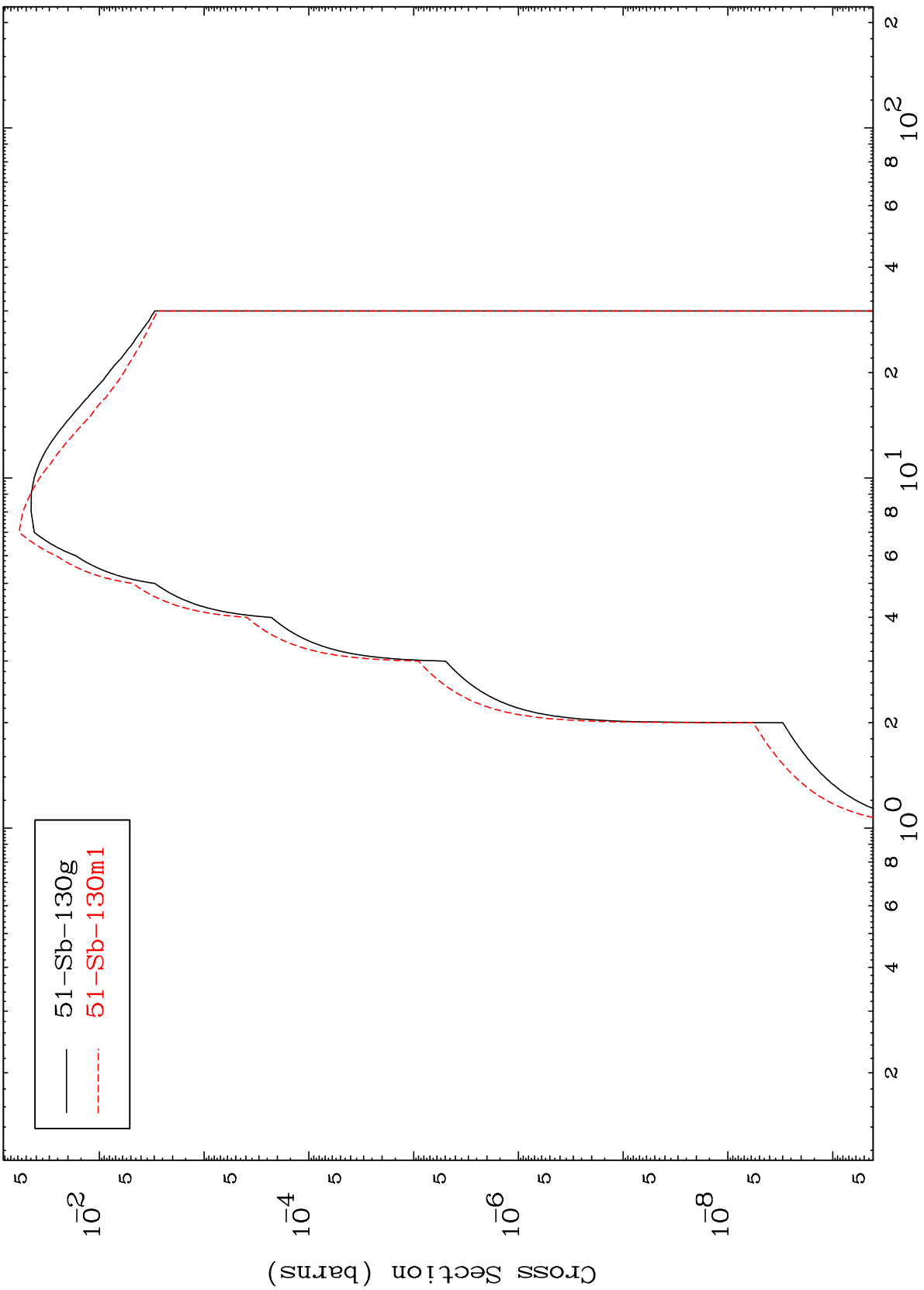
(n, γ)
Radionuclide Production Cross Section



MAT 5149

51-Sb-129

(n,p)
Radionuclide Production Cross Section



51-Sb-130g
51-Sb-130m1

51-Sb-129

Incident Energy (MeV)

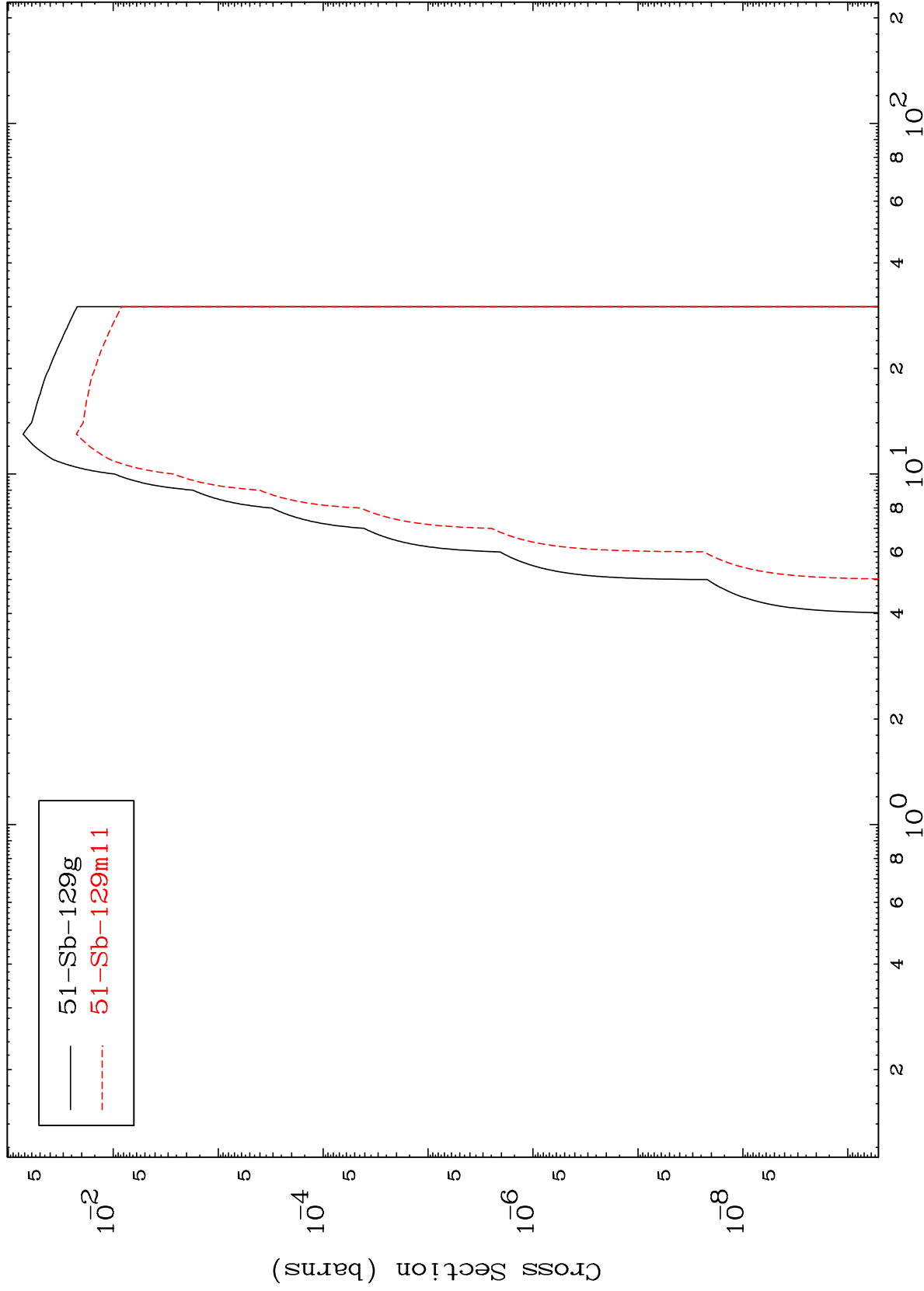
22

MAT 5149

(n, d)

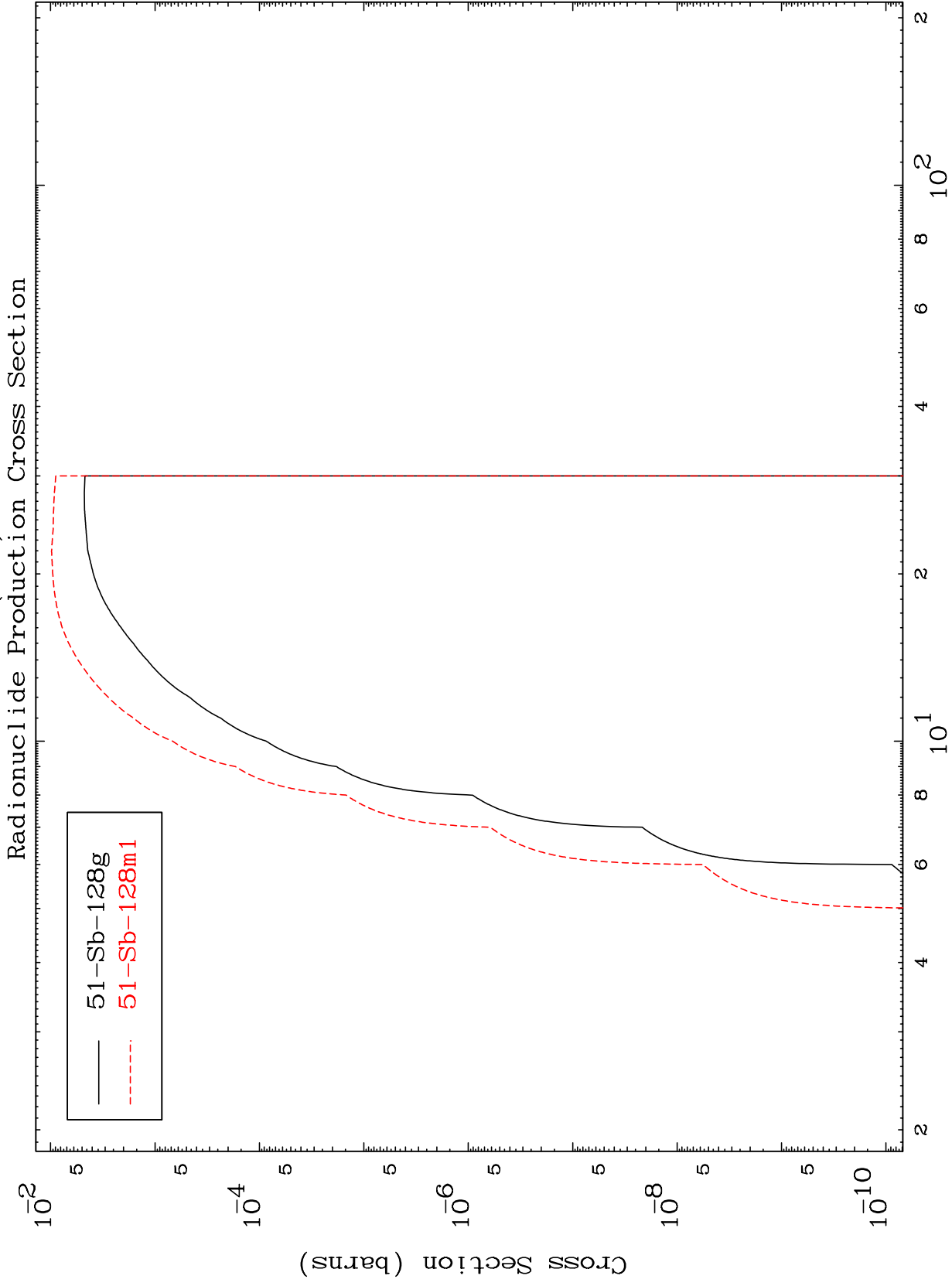
51-Sb-129

Radionuclide Production Cross Section



MAT 5149

51-Sb-129



— 51-Sb-128g
- - - 51-Sb-128m1

24

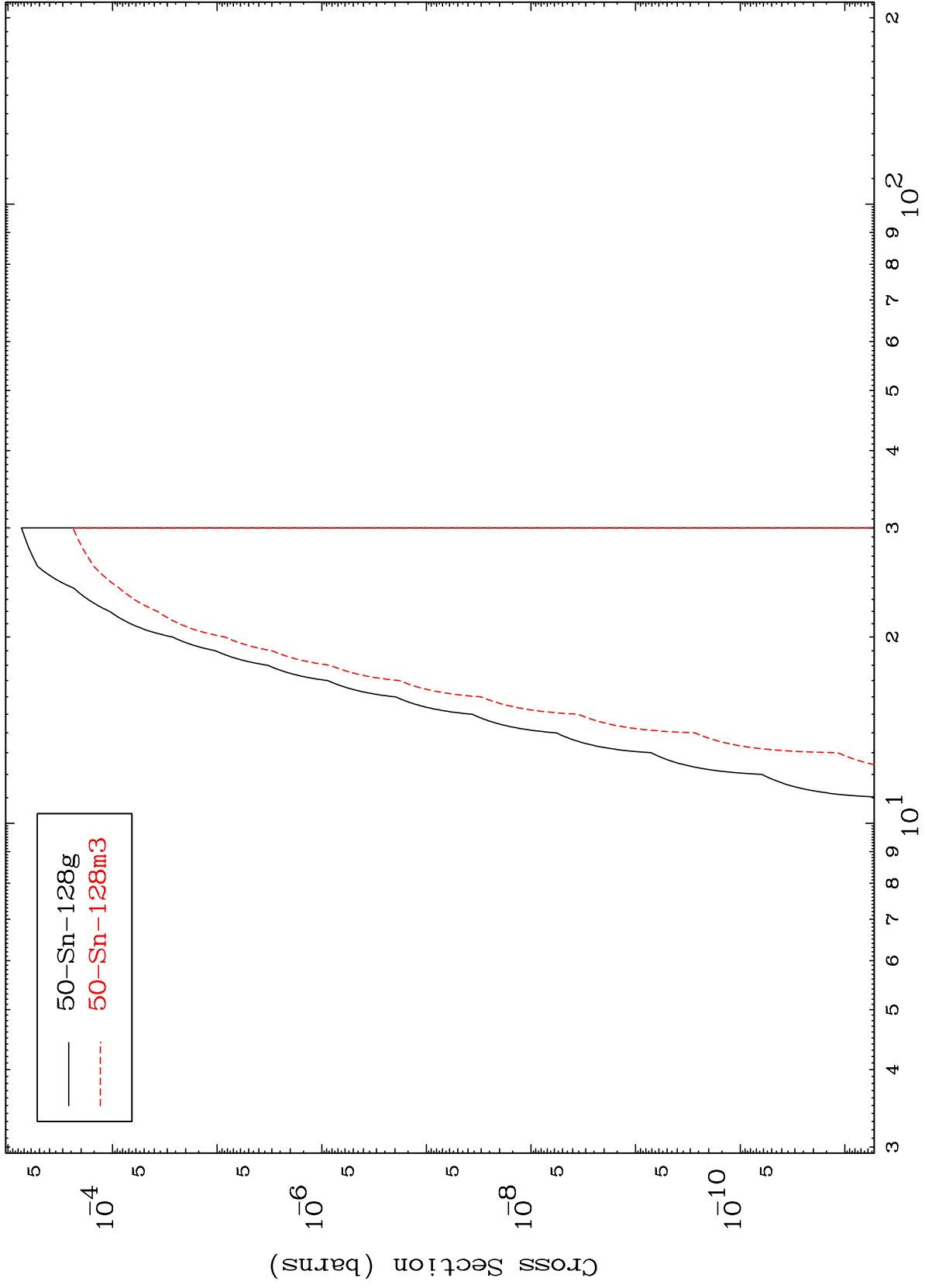
51-Sb-129

MAT 5149

(n,He-3)

51-Sb-129

Radionuclide Production Cross Section



25

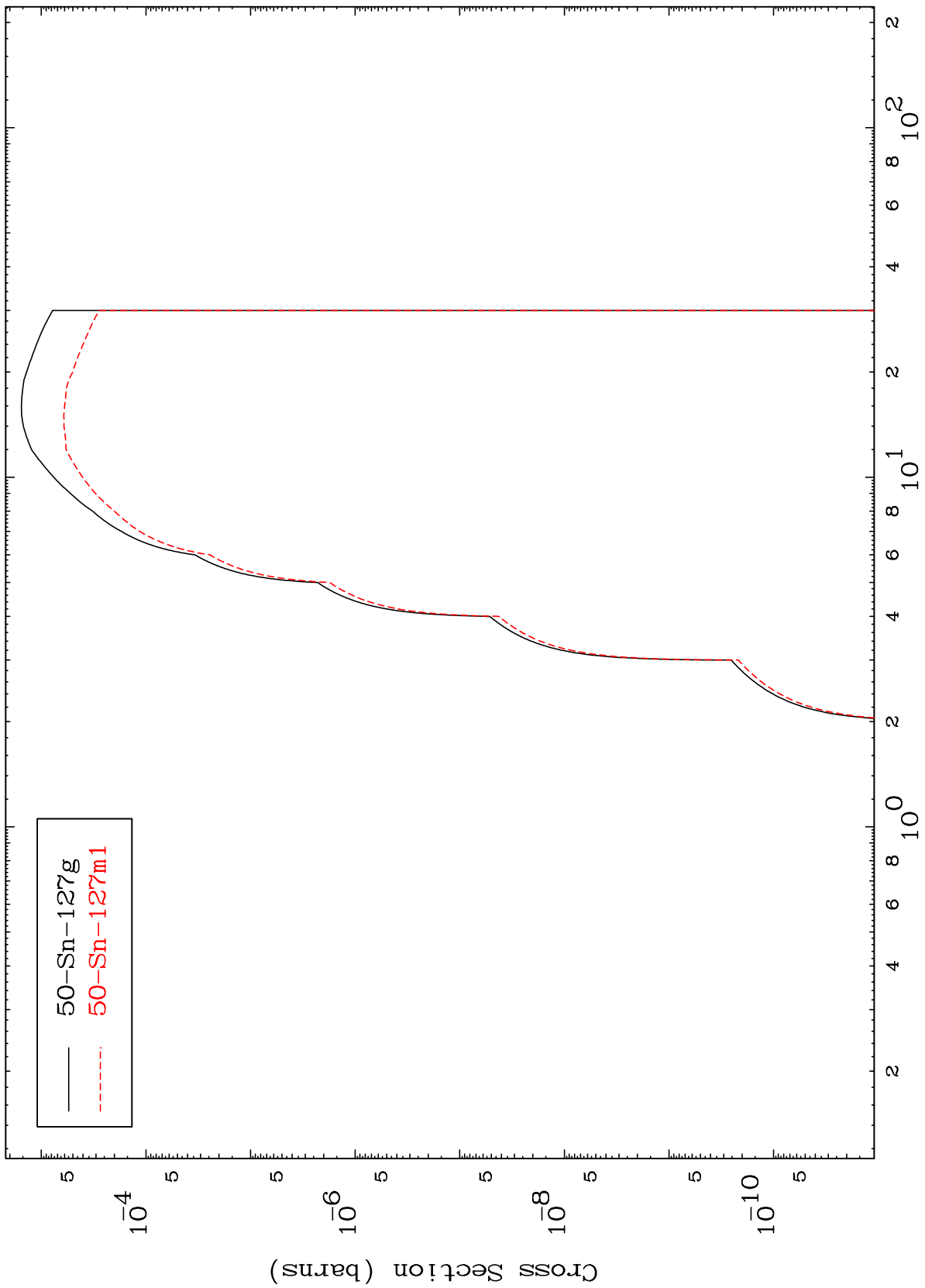
Incident Energy (MeV)

51-Sb-129

MAT 5149

51-Sb-129

(n, α)
Radionuclide Production Cross Section



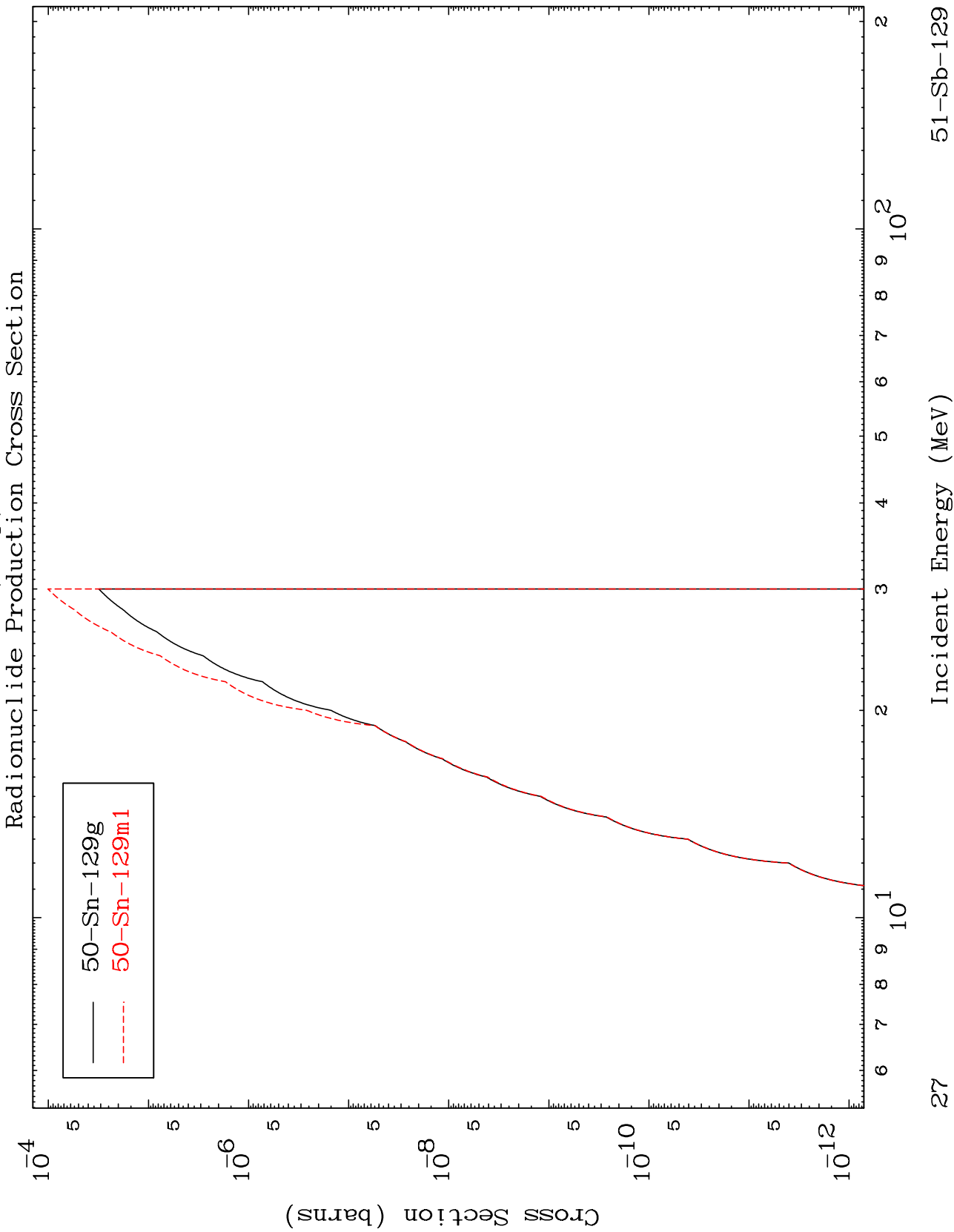
26

51-Sb-129

Incident Energy (MeV)

MAT 5149

51-Sb-129



27

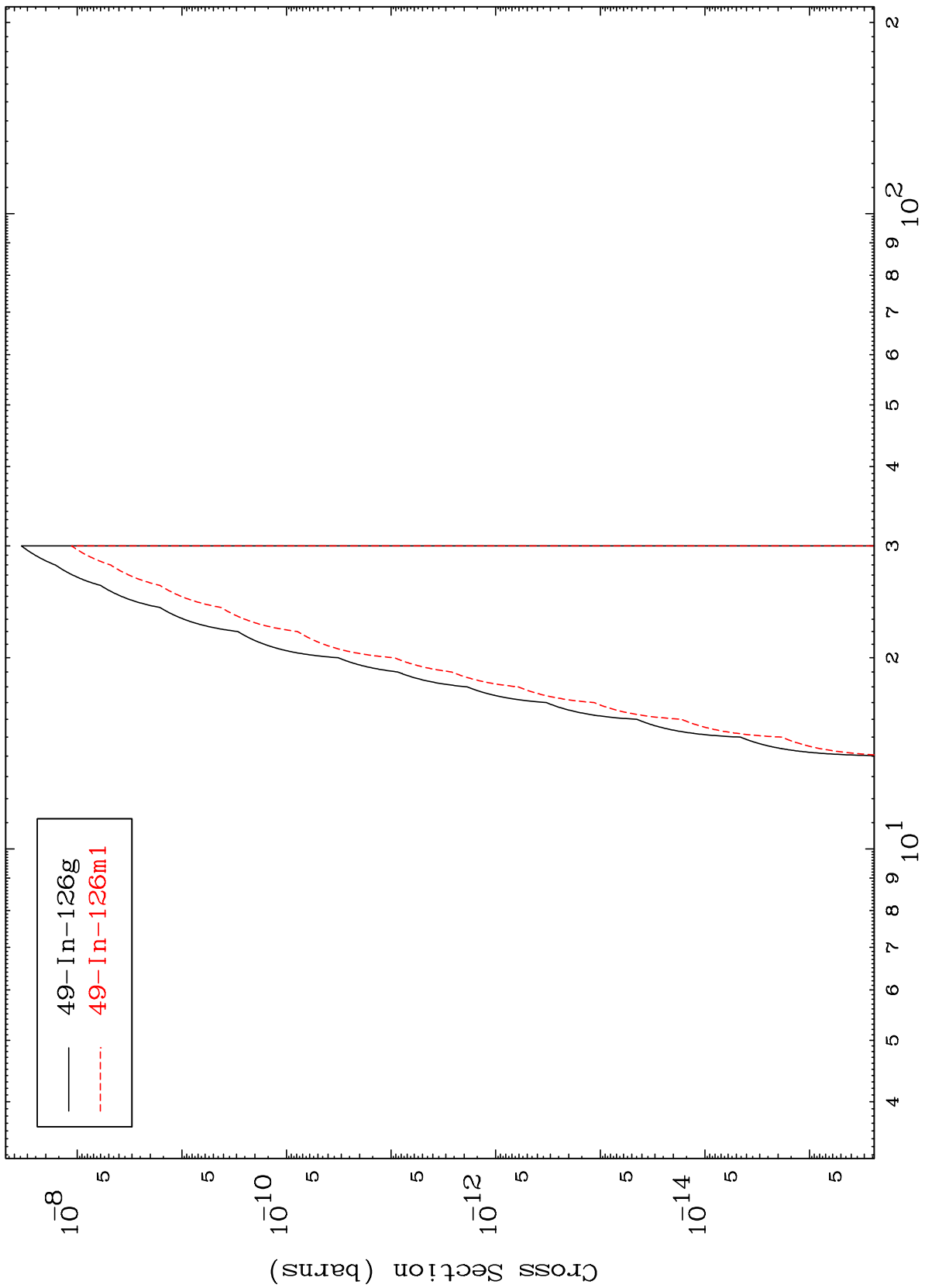
51-Sb-129

MAT 5149

(n,p) α

51-Sb-129

Radionuclide Production Cross Section



— 49-In-126g
- - - 49-In-126m1

28

Incident Energy (MeV)

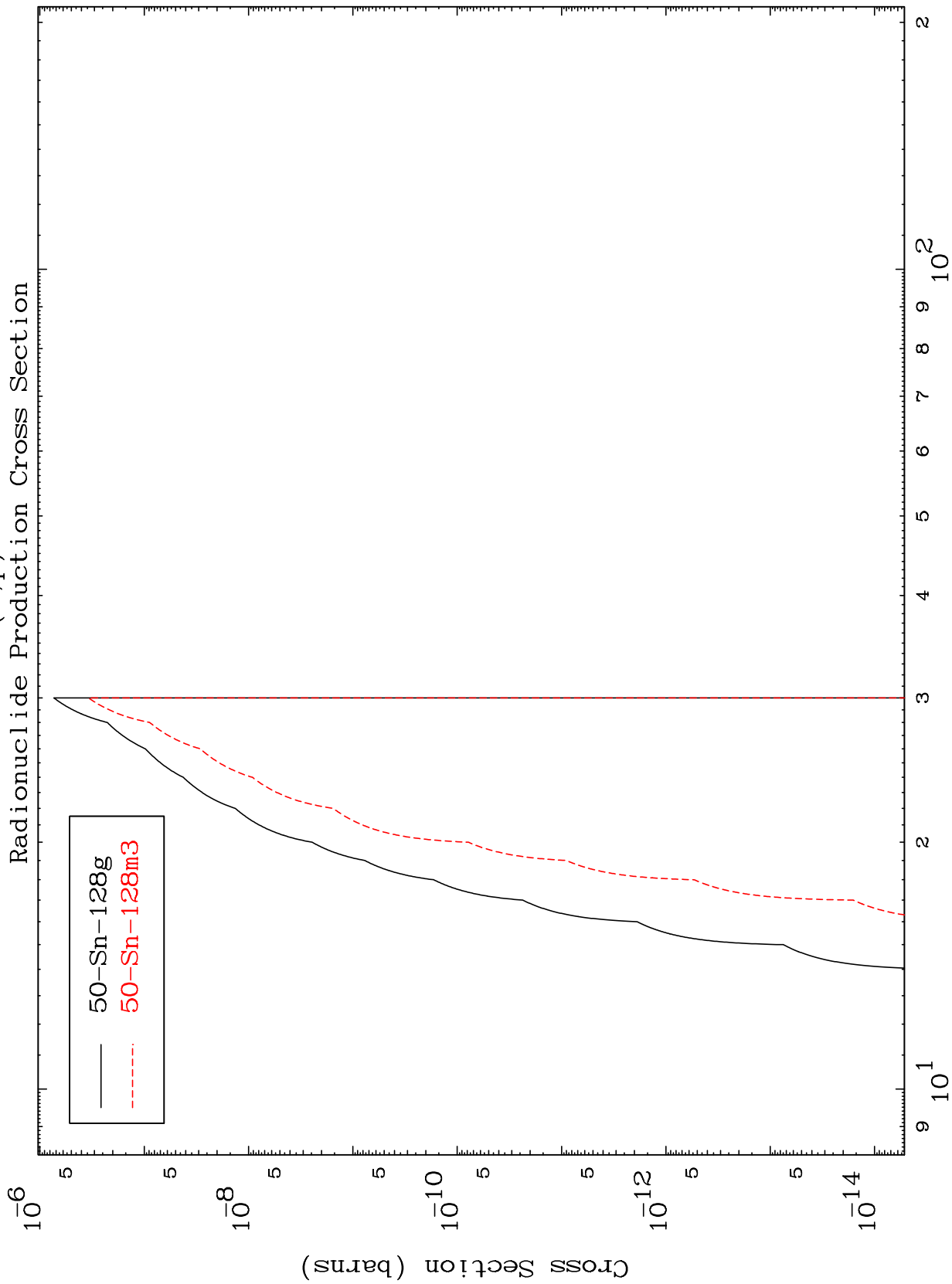
51-Sb-129

MAT 5149

(n,p) d

51-Sb-129

Radionuclide Production Cross Section



29

Incident Energy (MeV)

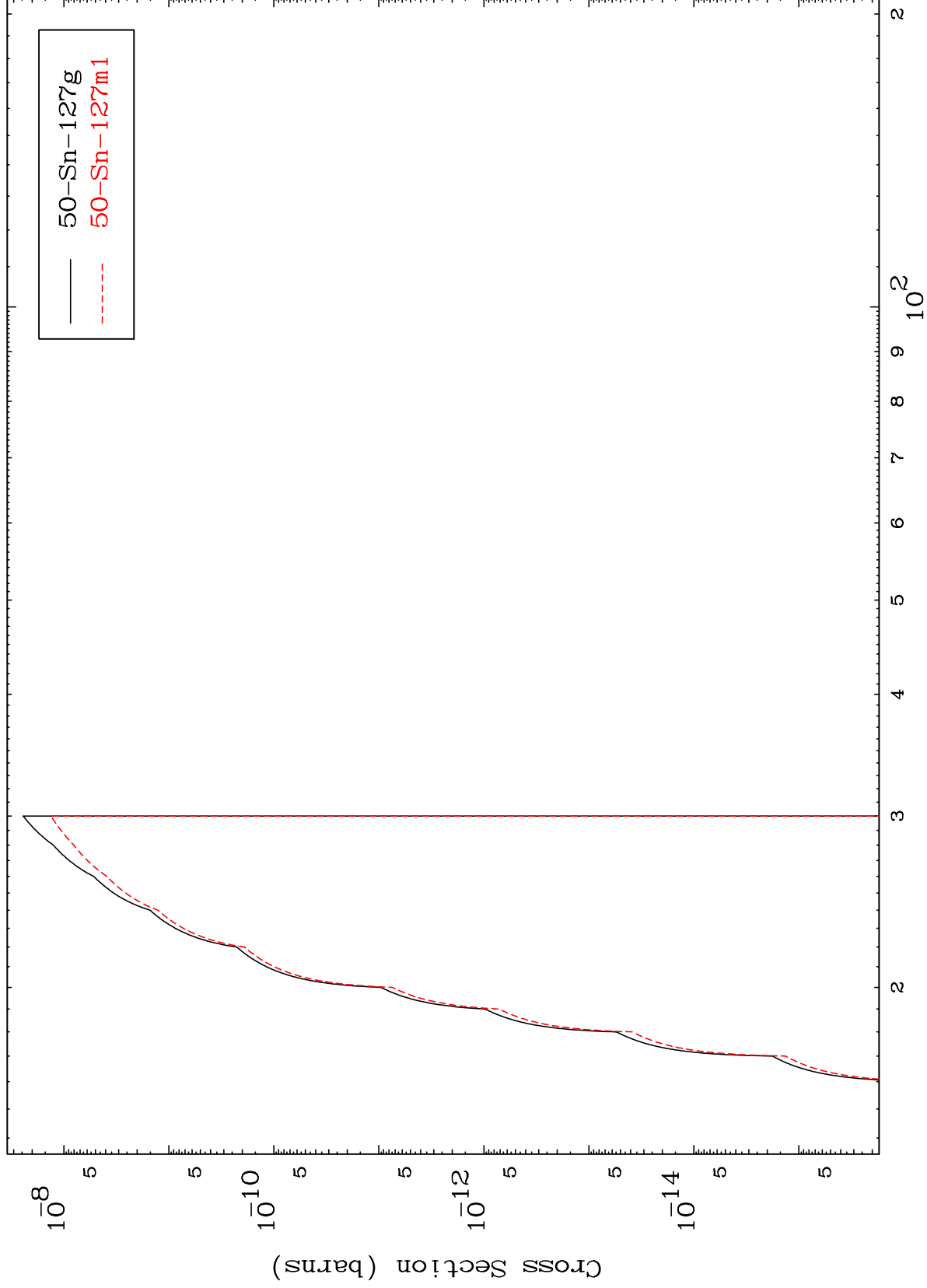
51-Sb-129

MAT 5149

(n,p) t

51-Sb-129

Radionuclide Production Cross Section



30

Incident Energy (MeV)

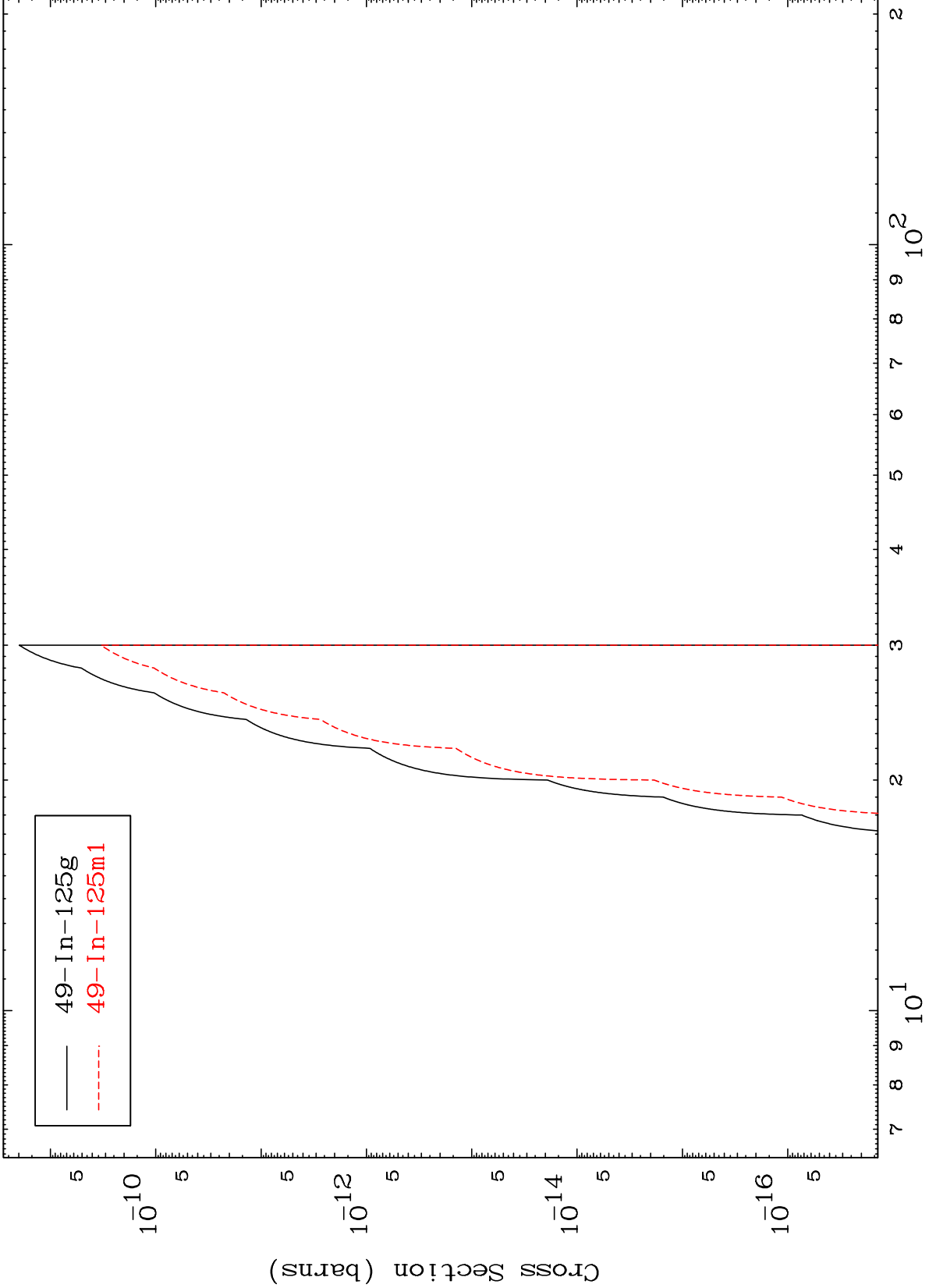
51-Sb-129

MAT 5149

(n,d) α

51-Sb-129

Radionuclide Production Cross Section



31

Incident Energy (MeV)

51-Sb-129