

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

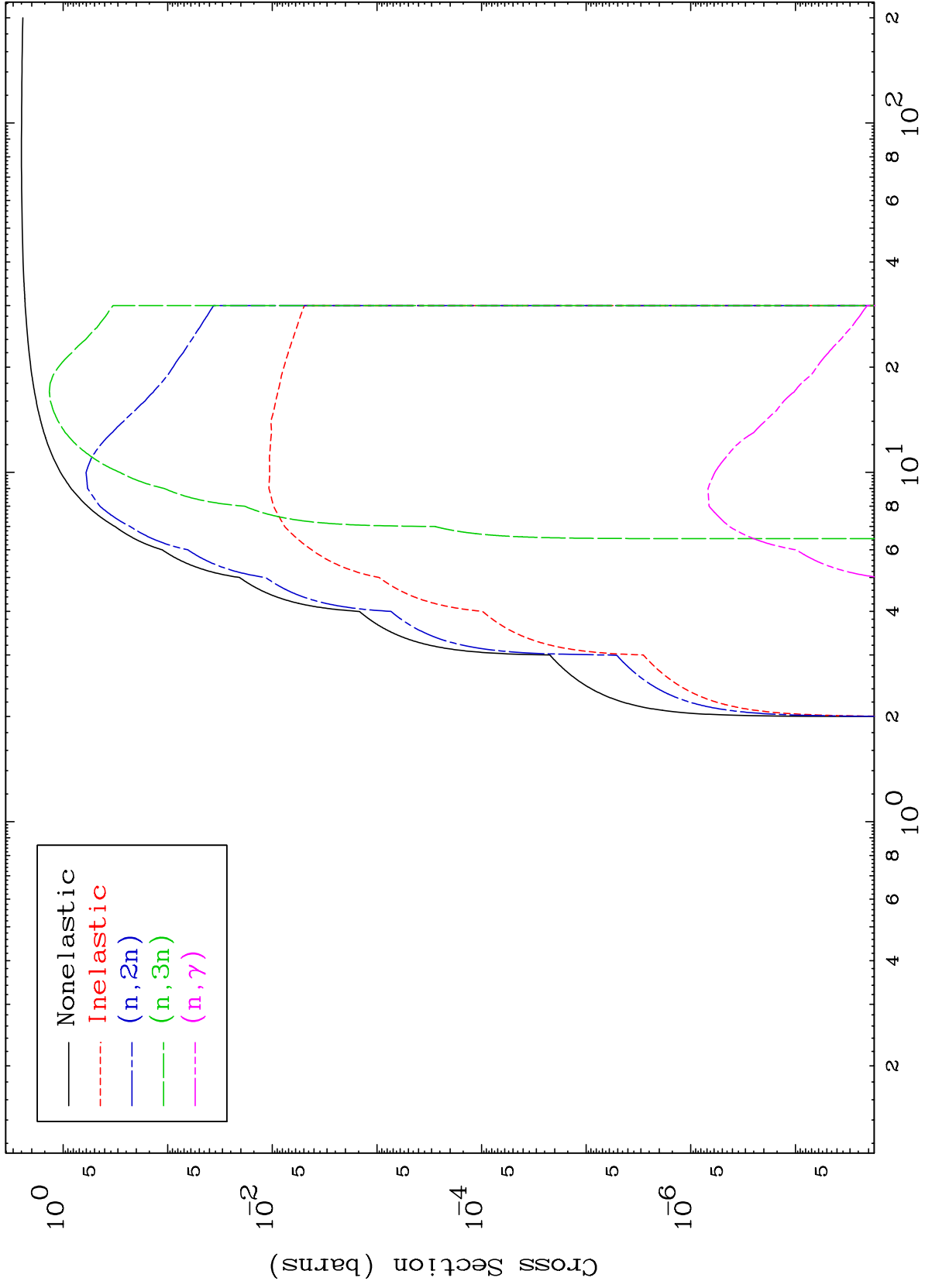
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

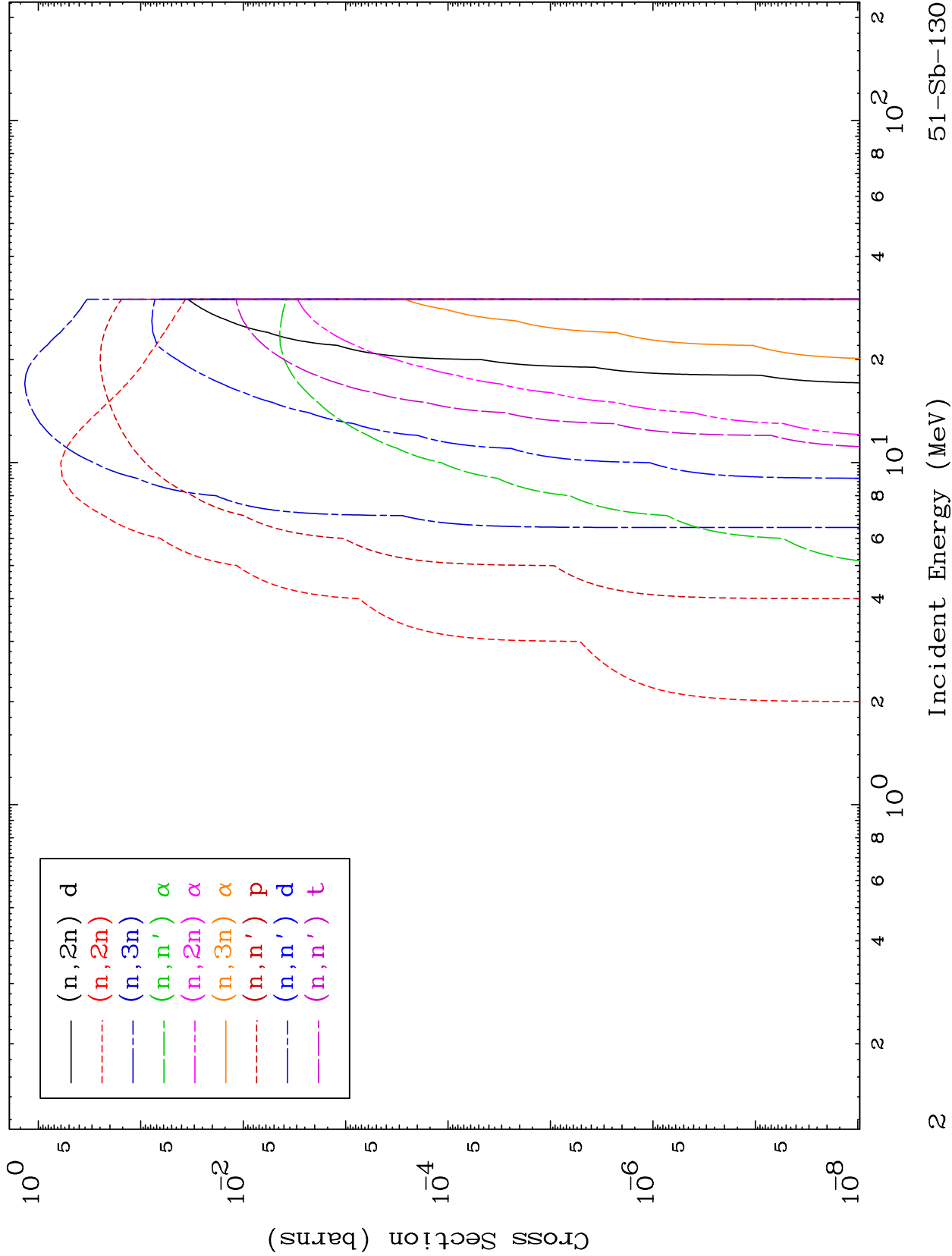
Tele: 925-443-1911

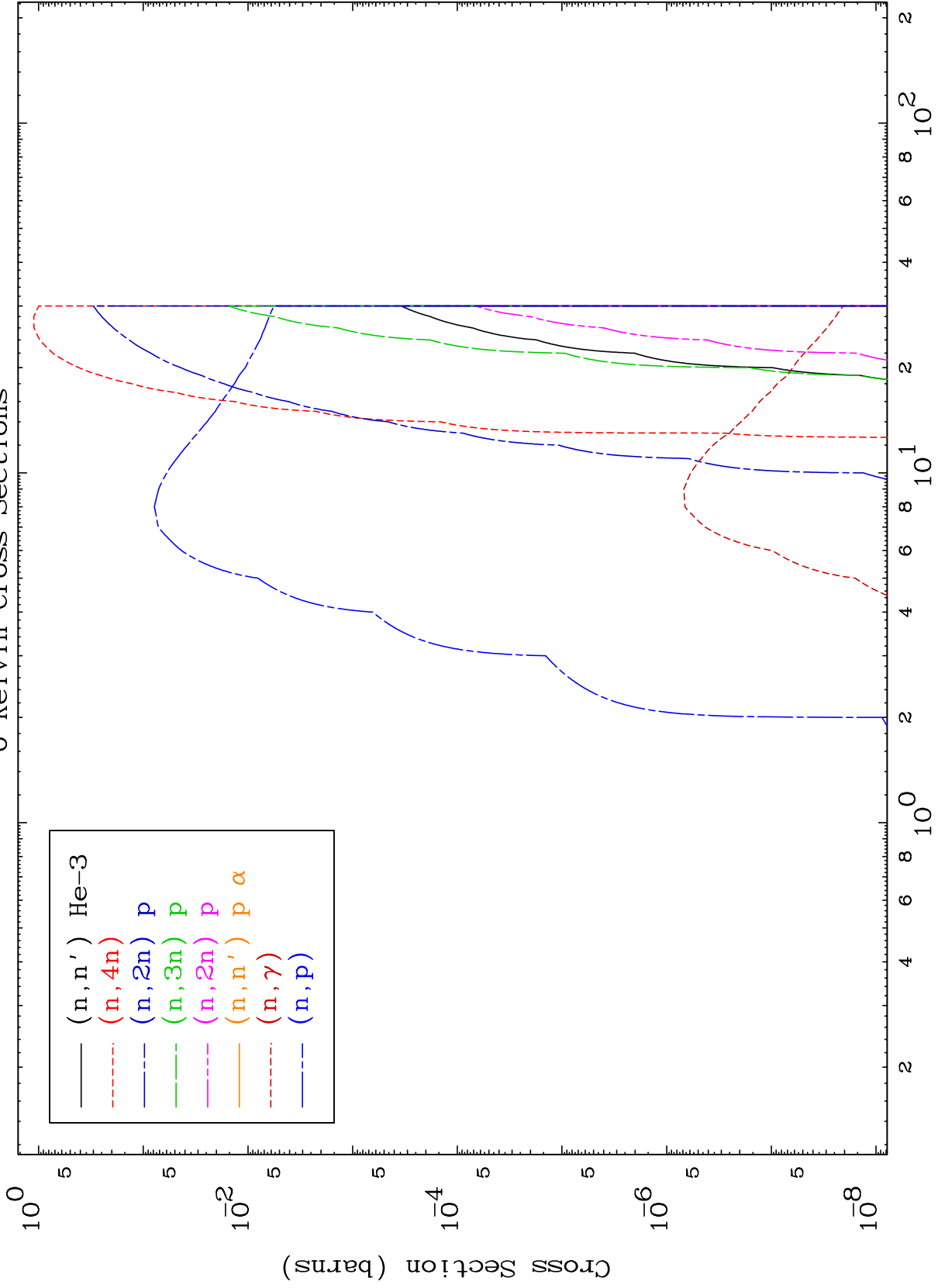
E.Mail:redcullen1@comcast.net

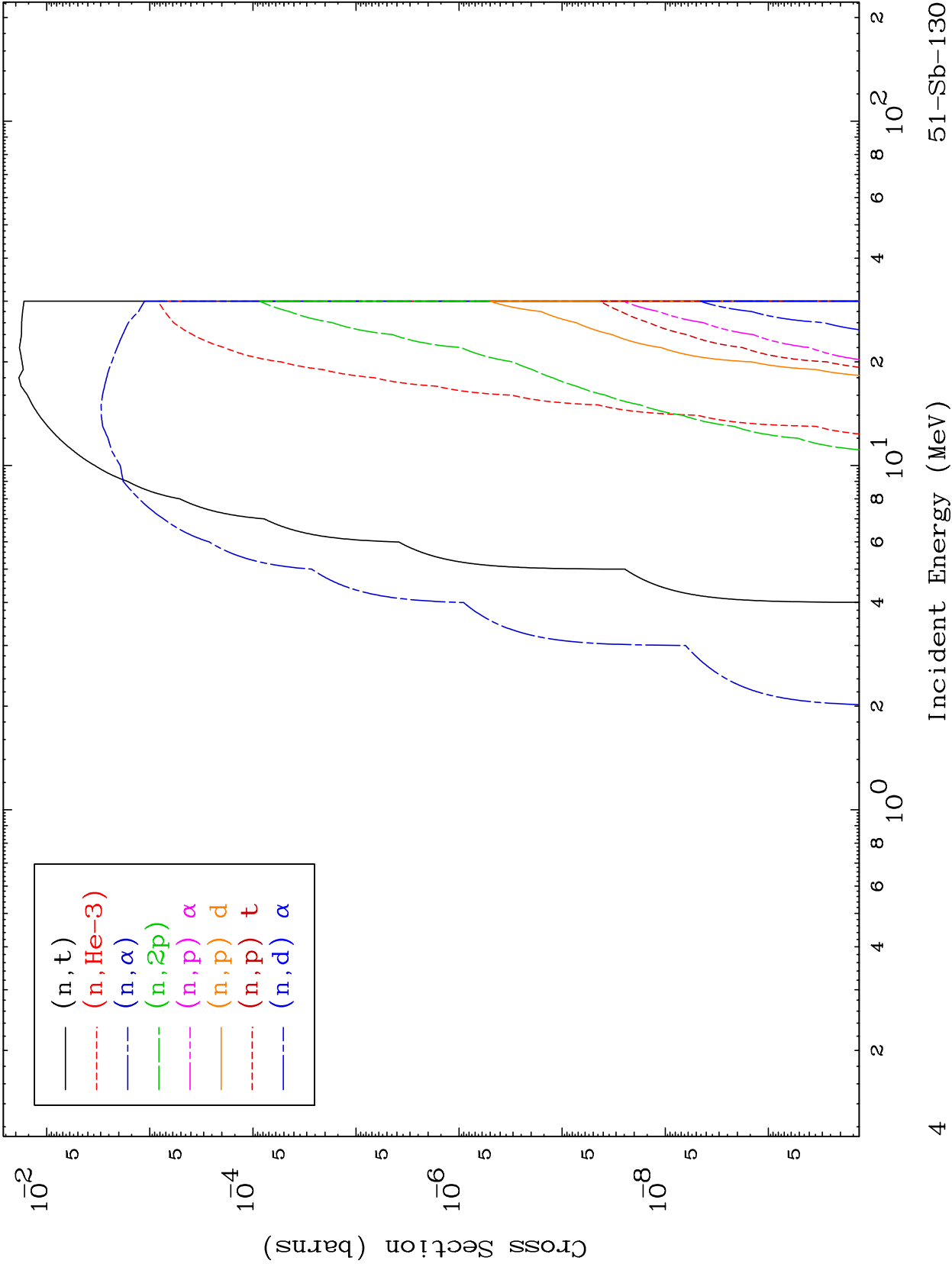
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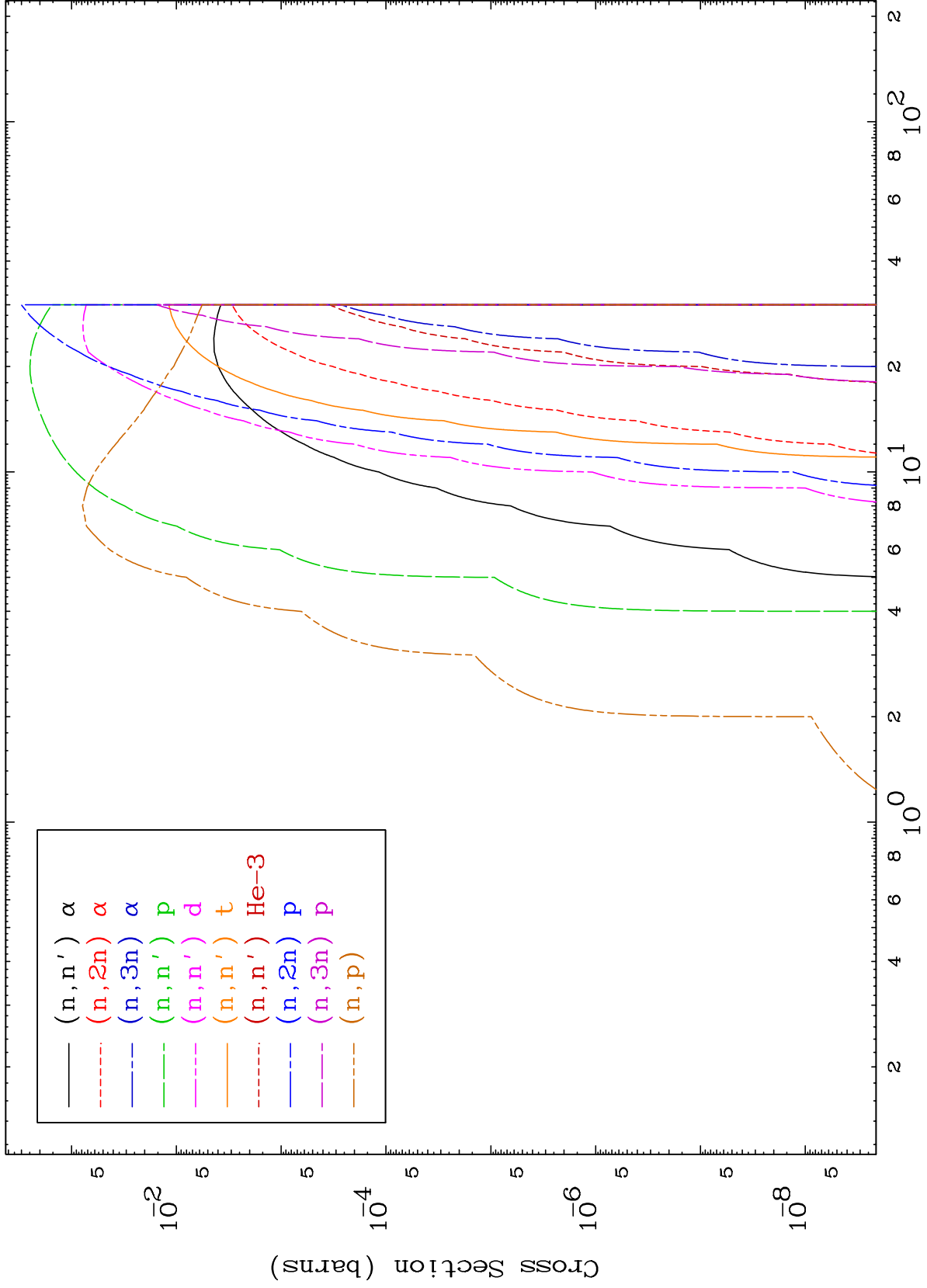
Press Mouse Button to Start

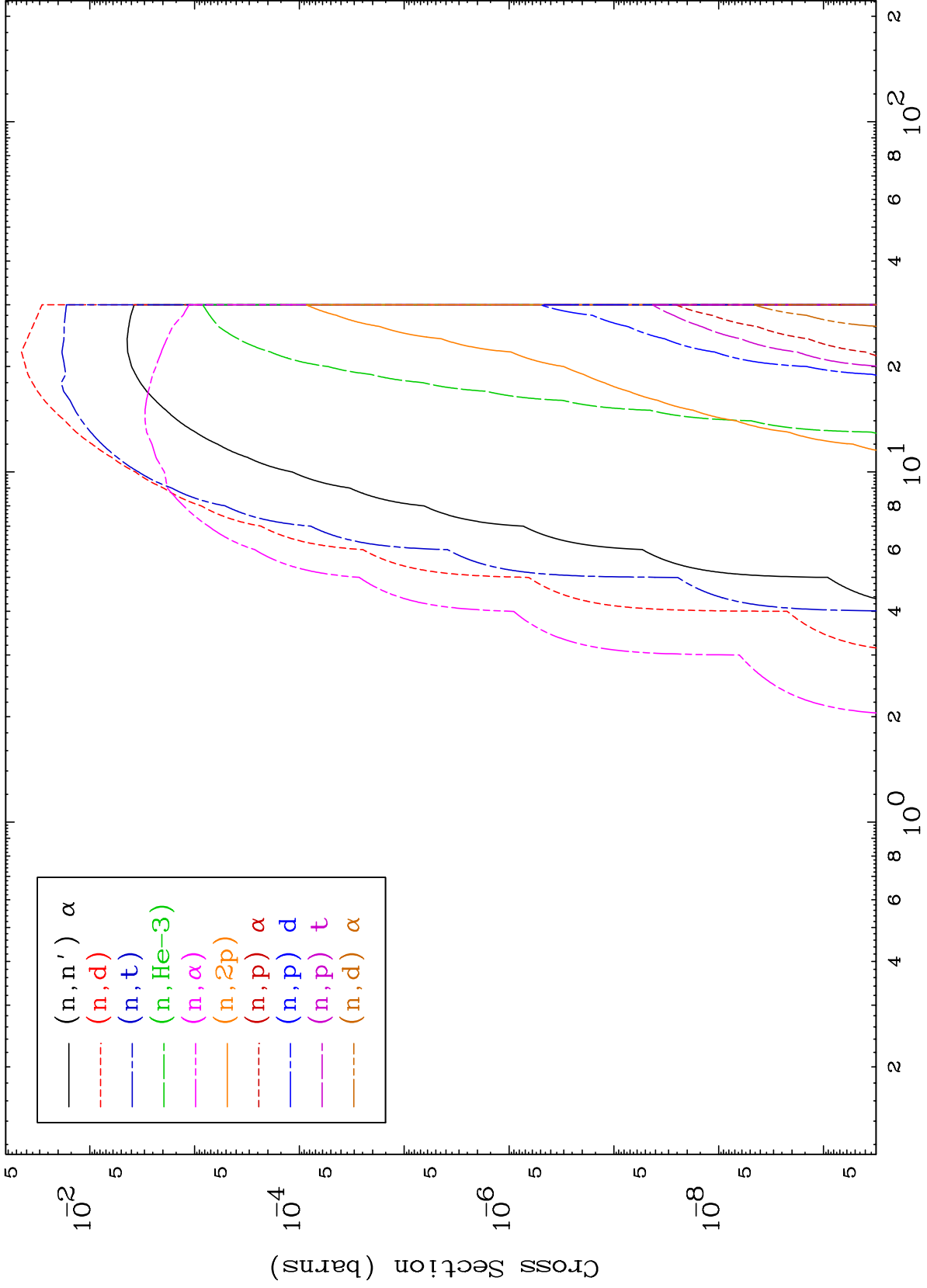








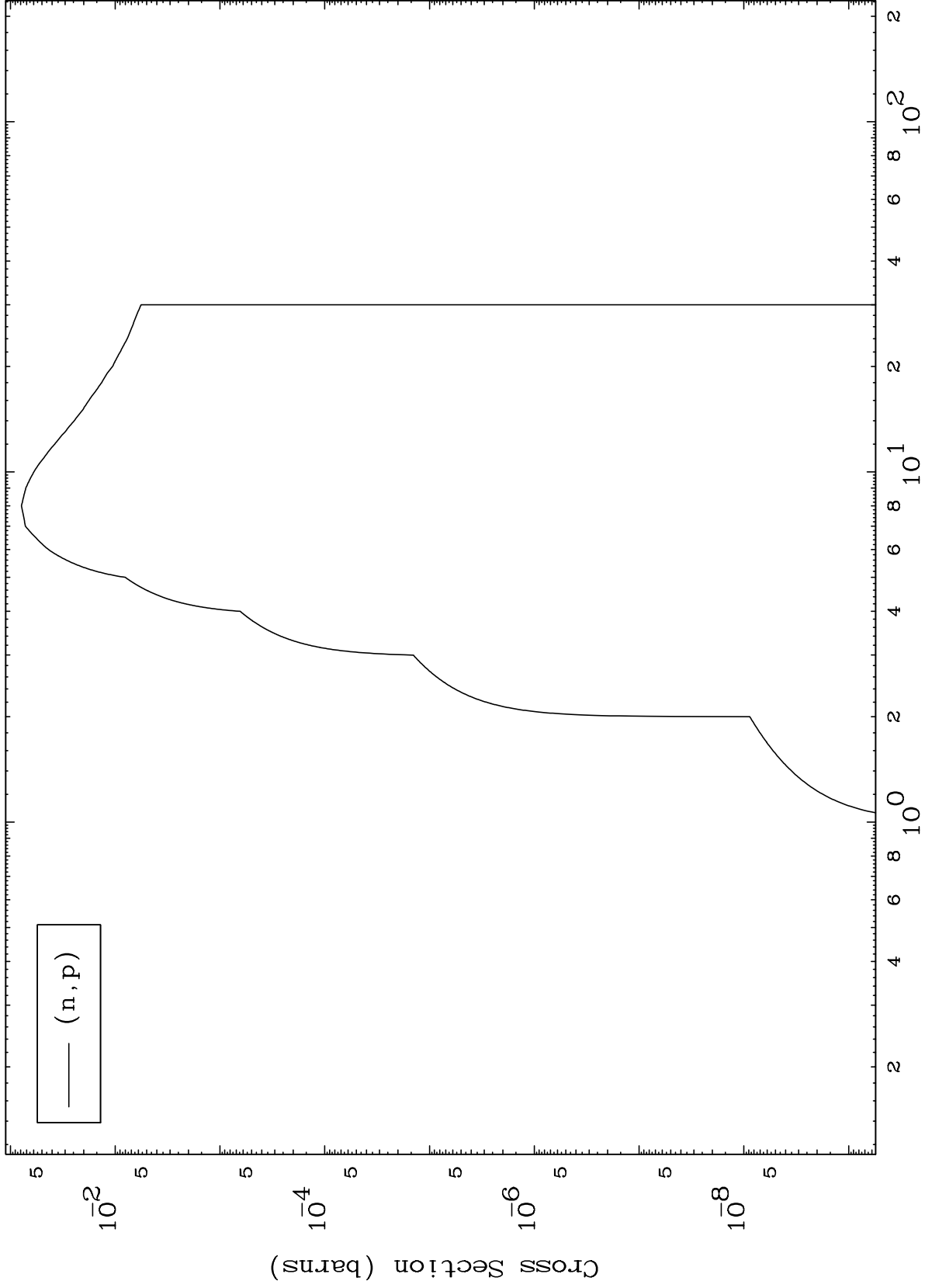




MAT 5152

(d,p) Levels
0 Kelvin Cross Sections

51-Sb-130

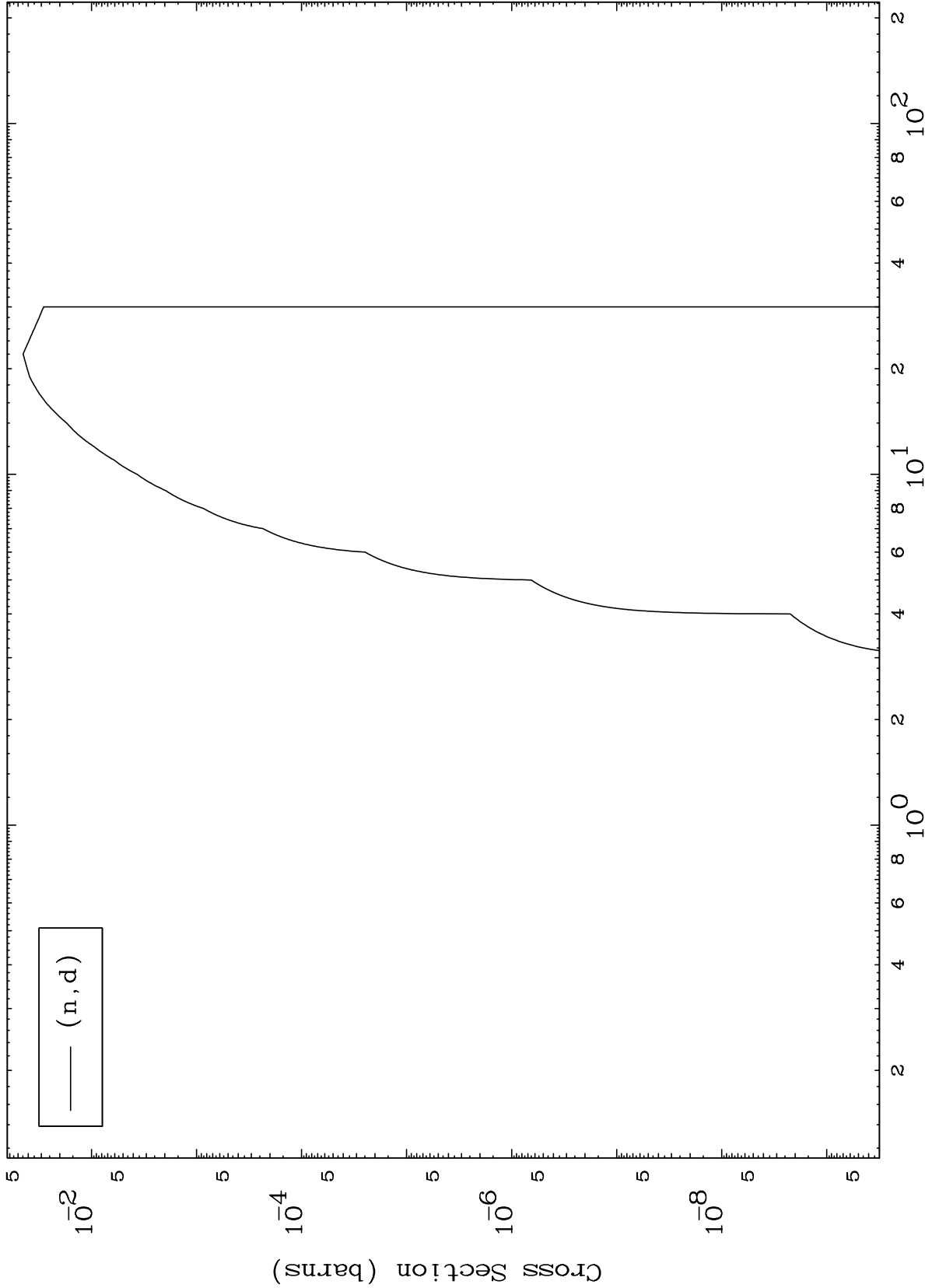


MAT 5152

(d,d) Levels

51-Sb-130

0 Kelvin Cross Sections

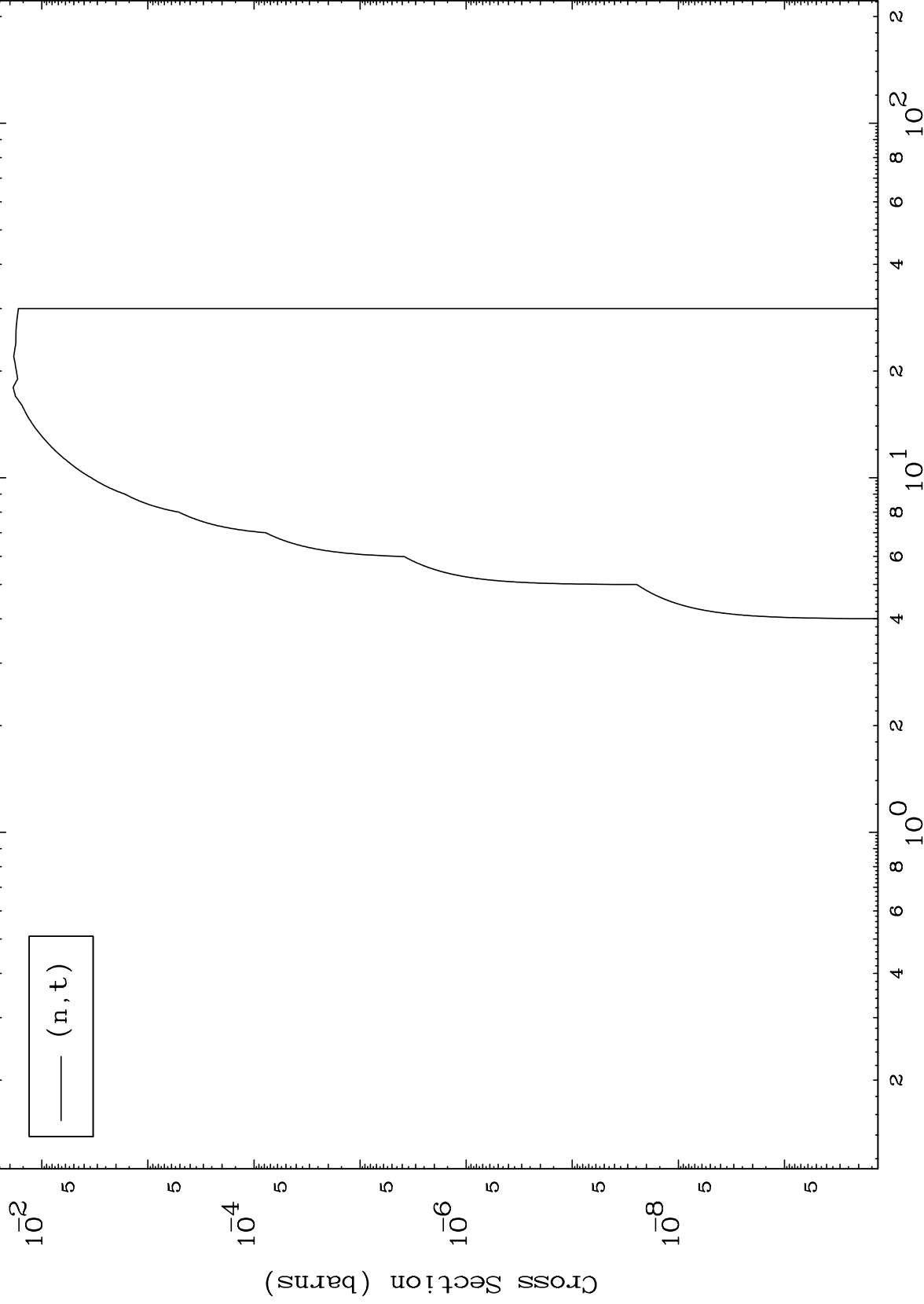


MAT 5152

(d, t) Levels

51-Sb-130

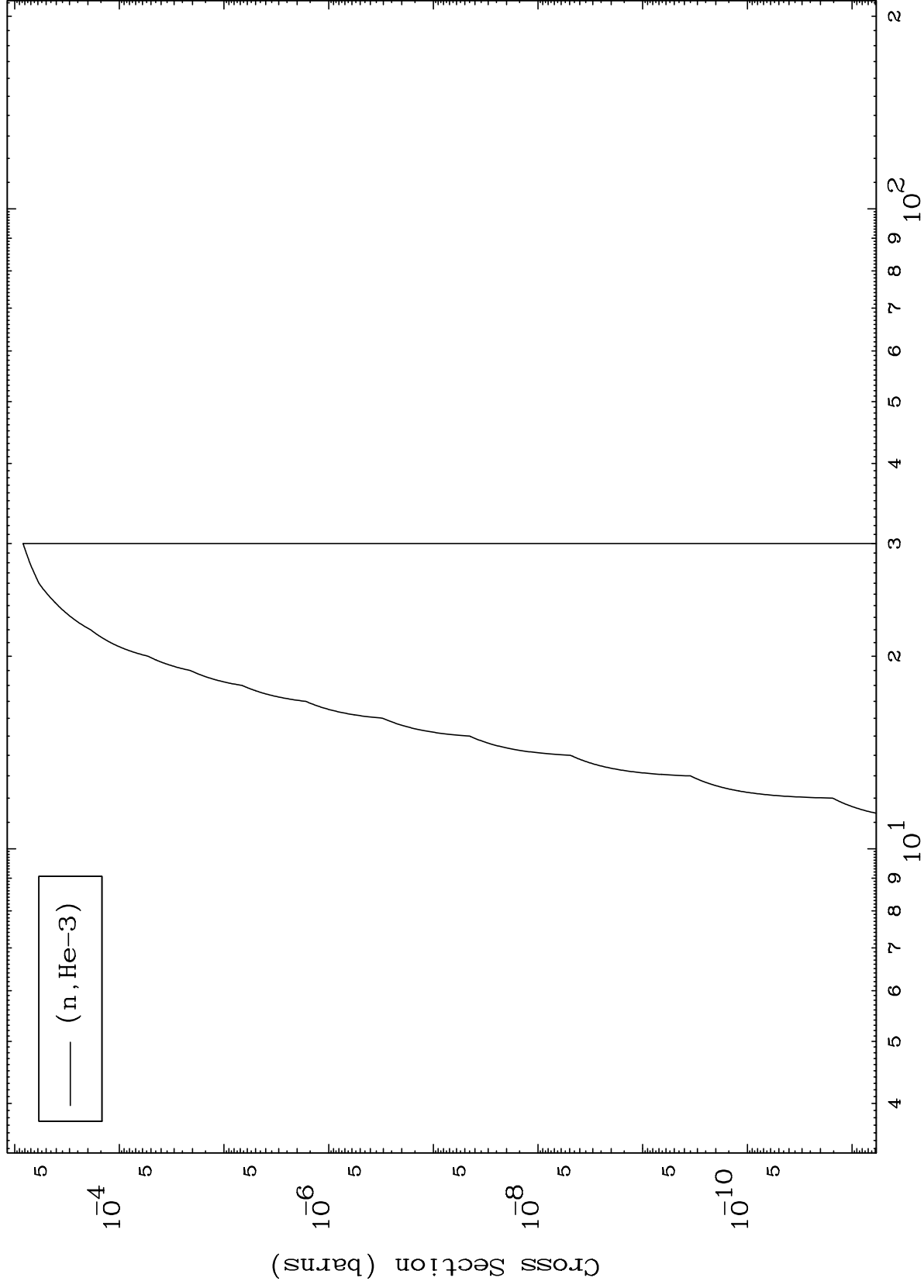
0 Kelvin Cross Sections



MAT 5152

(d,He3) Levels
0 Kelvin Cross Sections

51-Sb-130



10

Incident Energy (MeV)

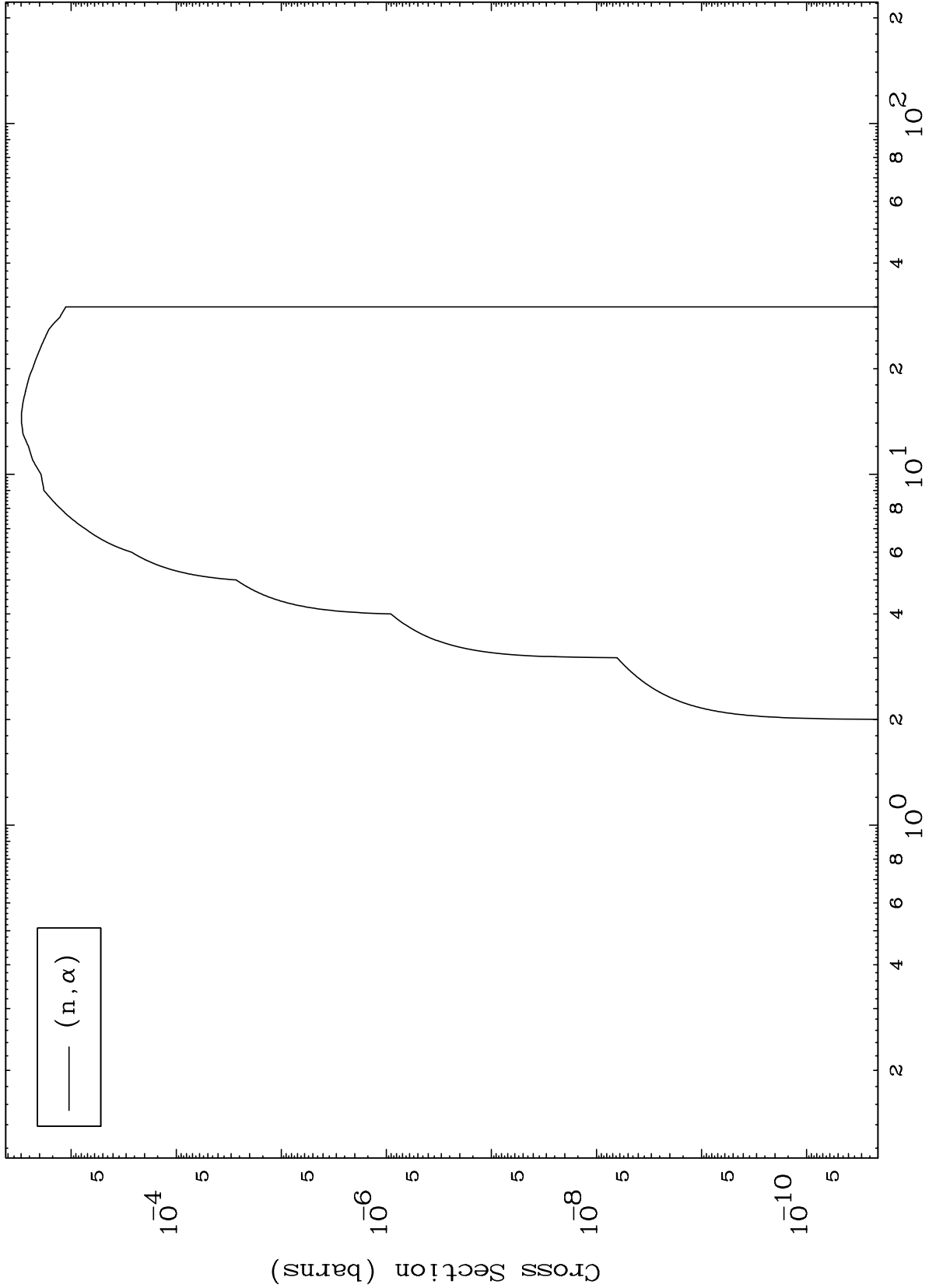
51-Sb-130

MAT 5152

(d, α) Levels

51-Sb-130

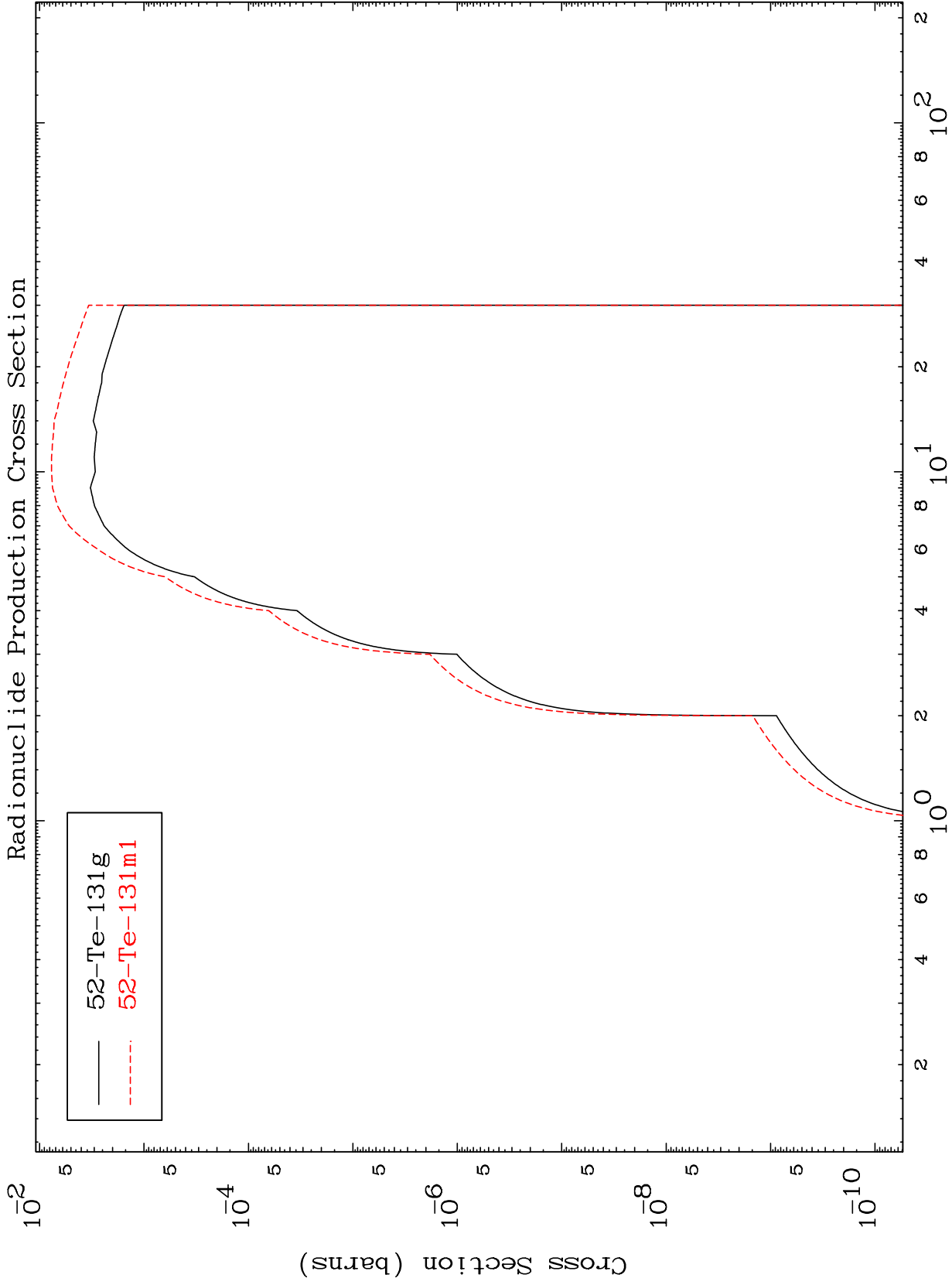
0 Kelvin Cross Sections



MAT 5152

51-Sb-130

Inelastic
Radionuclide Production Cross Section



12

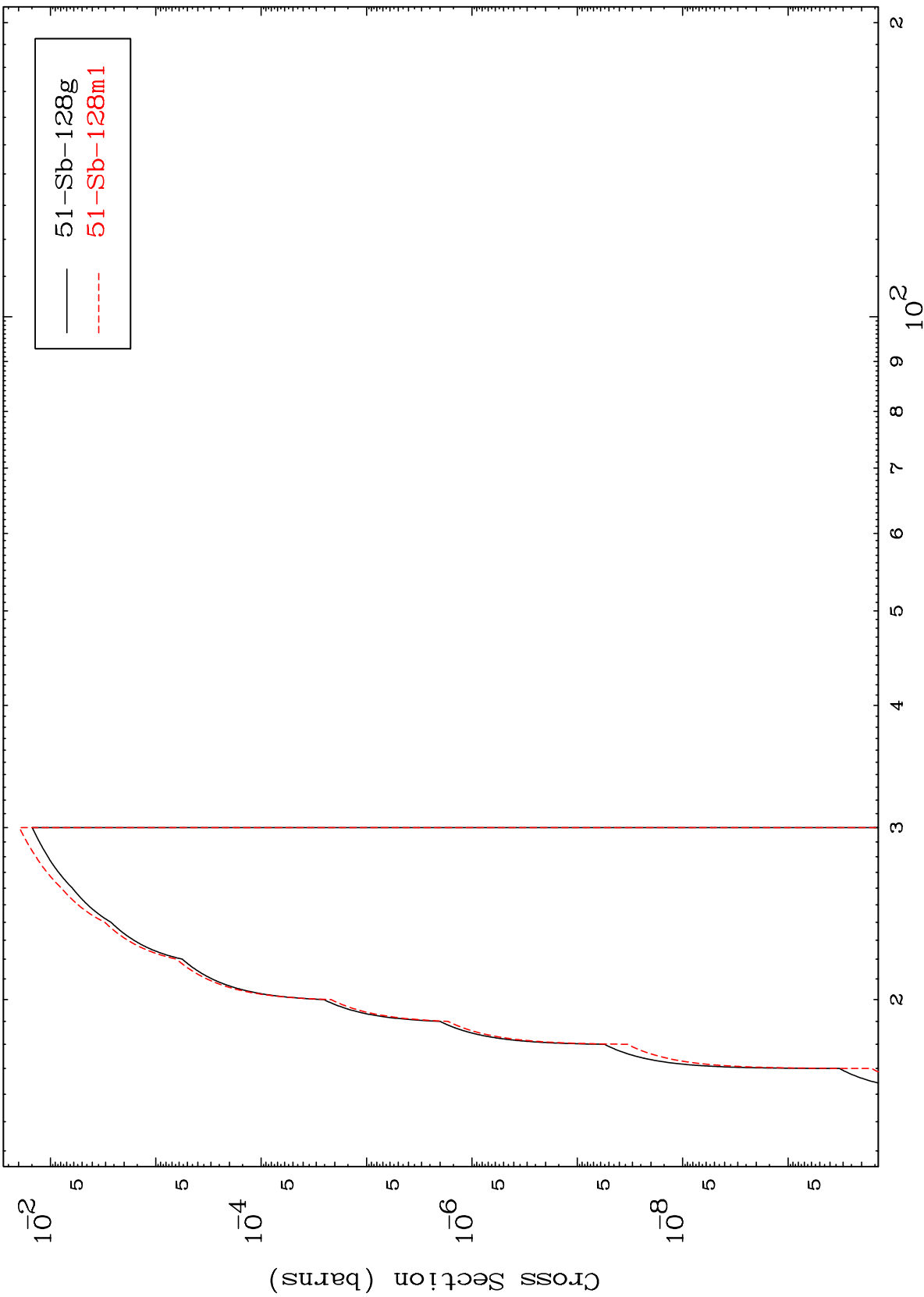
51-Sb-130

MAT 5152

(n,2n) d

51-Sb-130

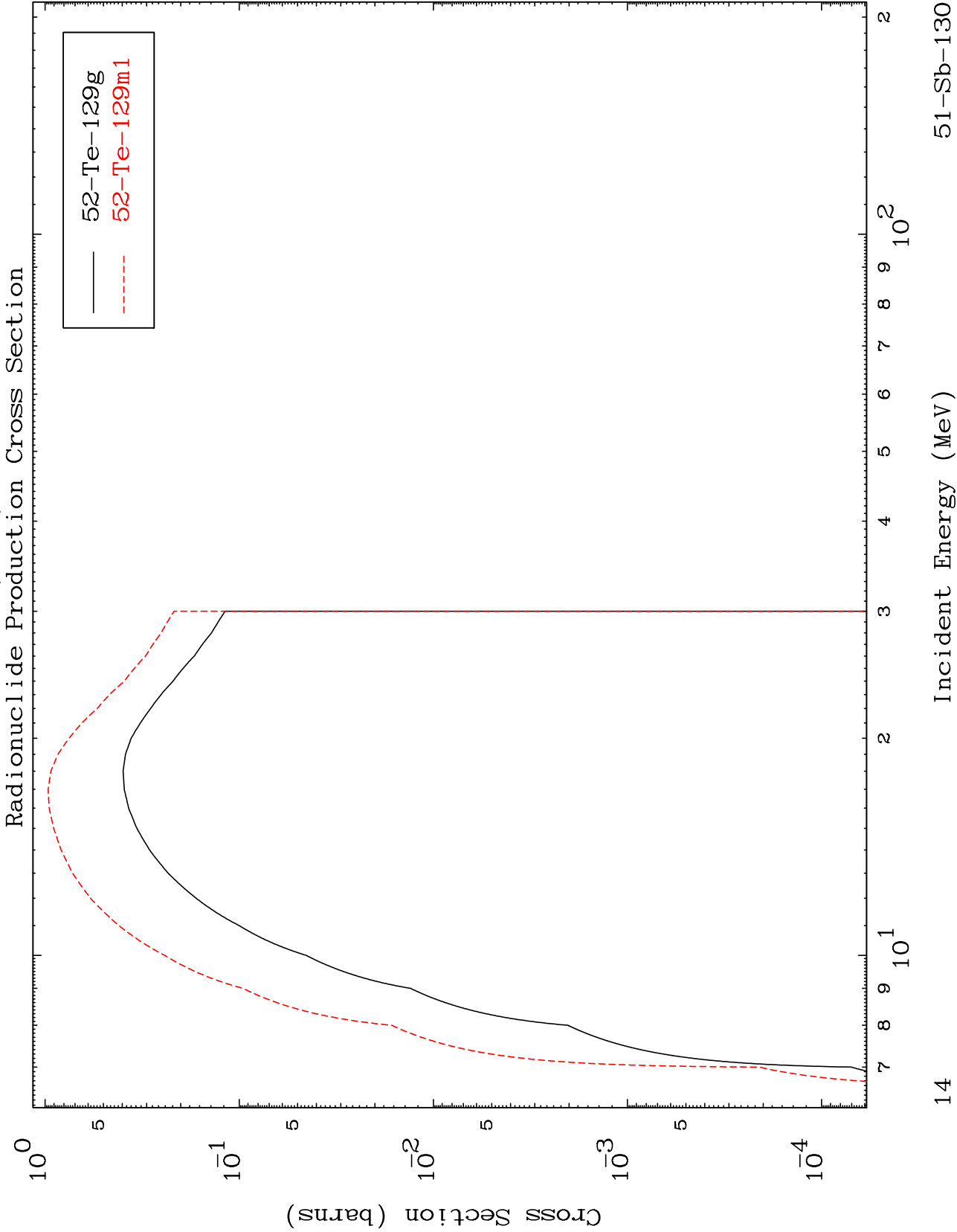
Radionuclide Production Cross Section



MAT 5152

(n,3n)

51-Sb-130



14

Incident Energy (MeV)

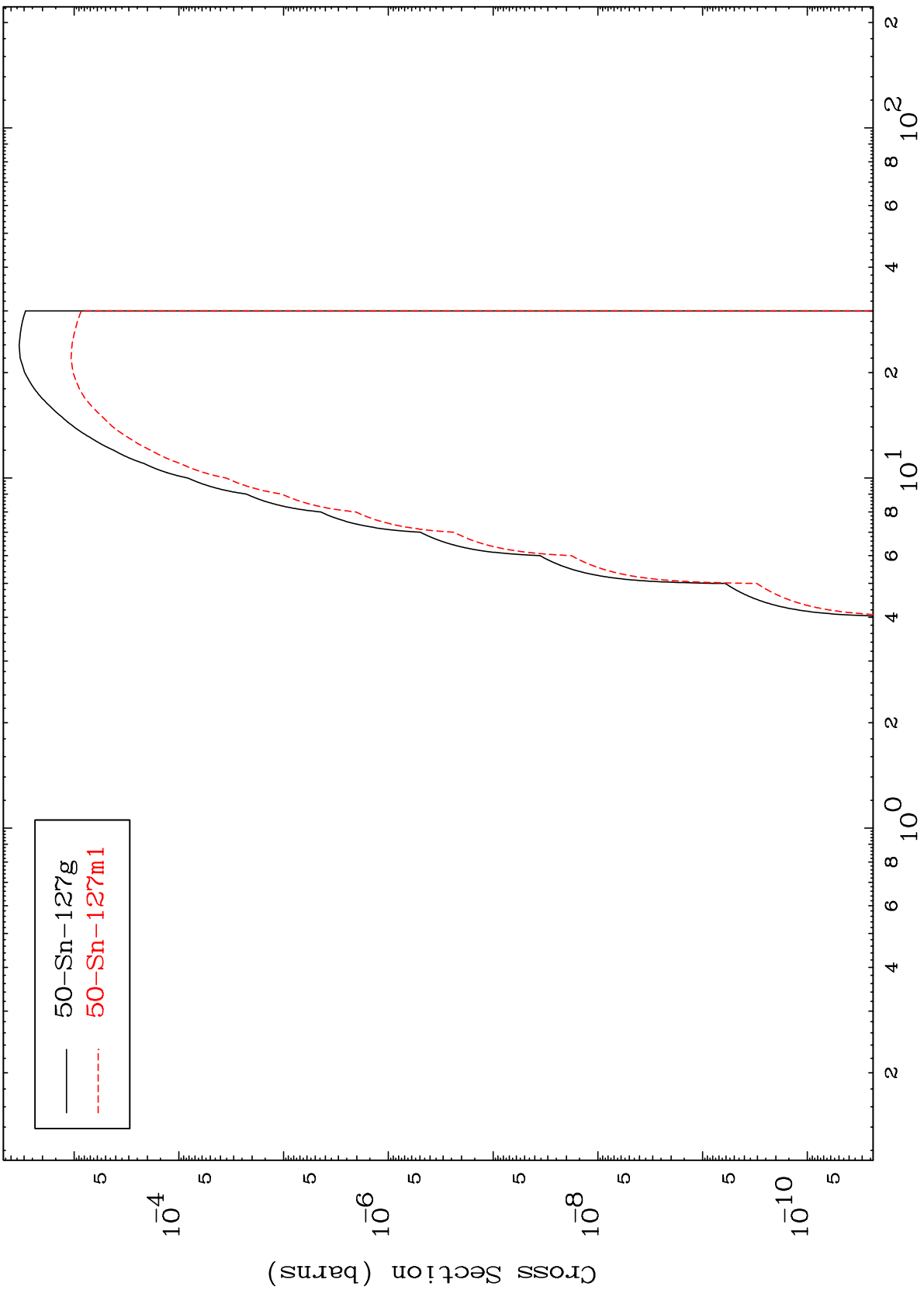
51-Sb-130

MAT 5152

$(n, n') \alpha$

51-Sb-130

Radionuclide Production Cross Section

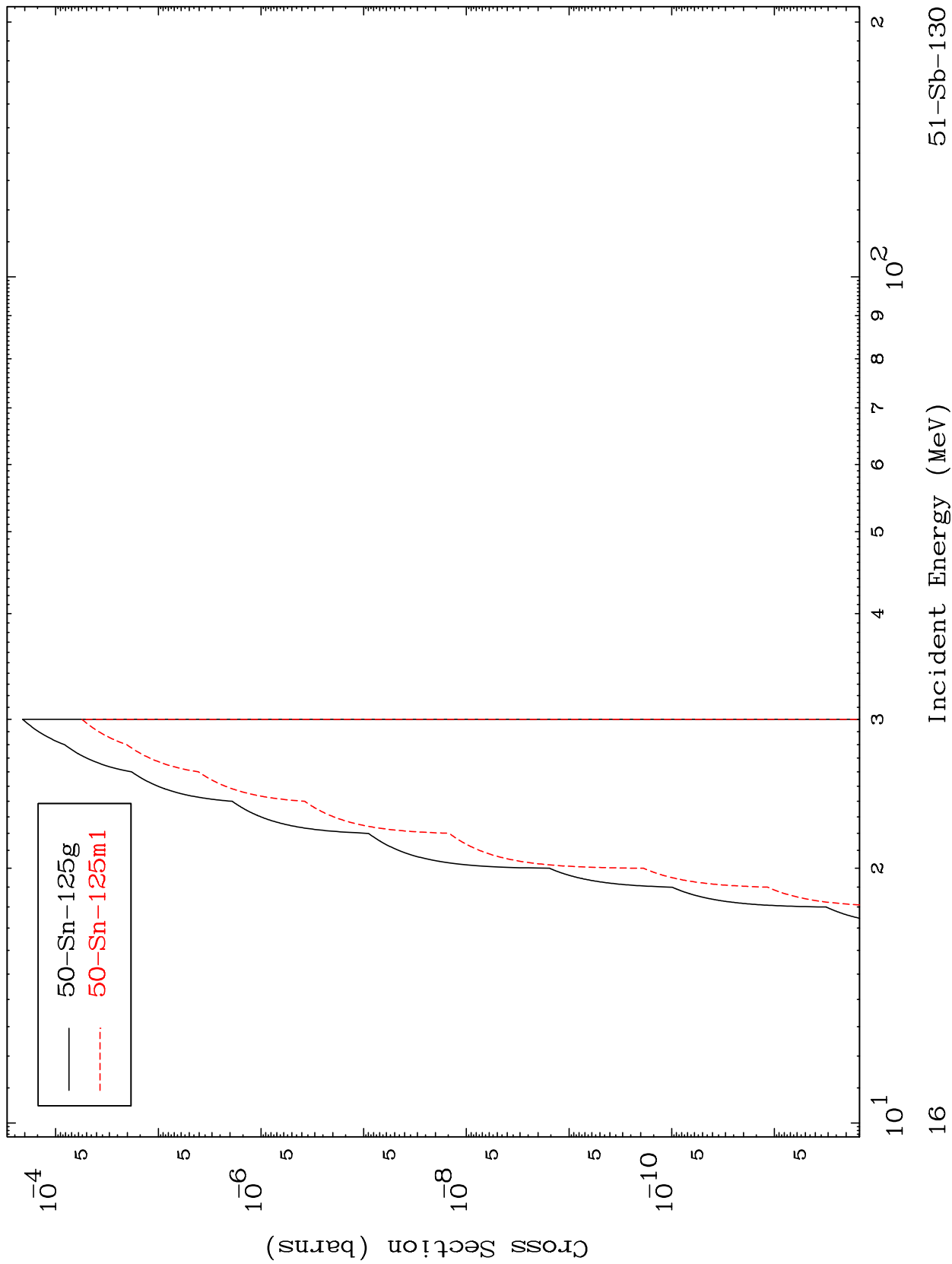


MAT 5152

(n,3n) α

51-Sb-130

Radionuclide Production Cross Section

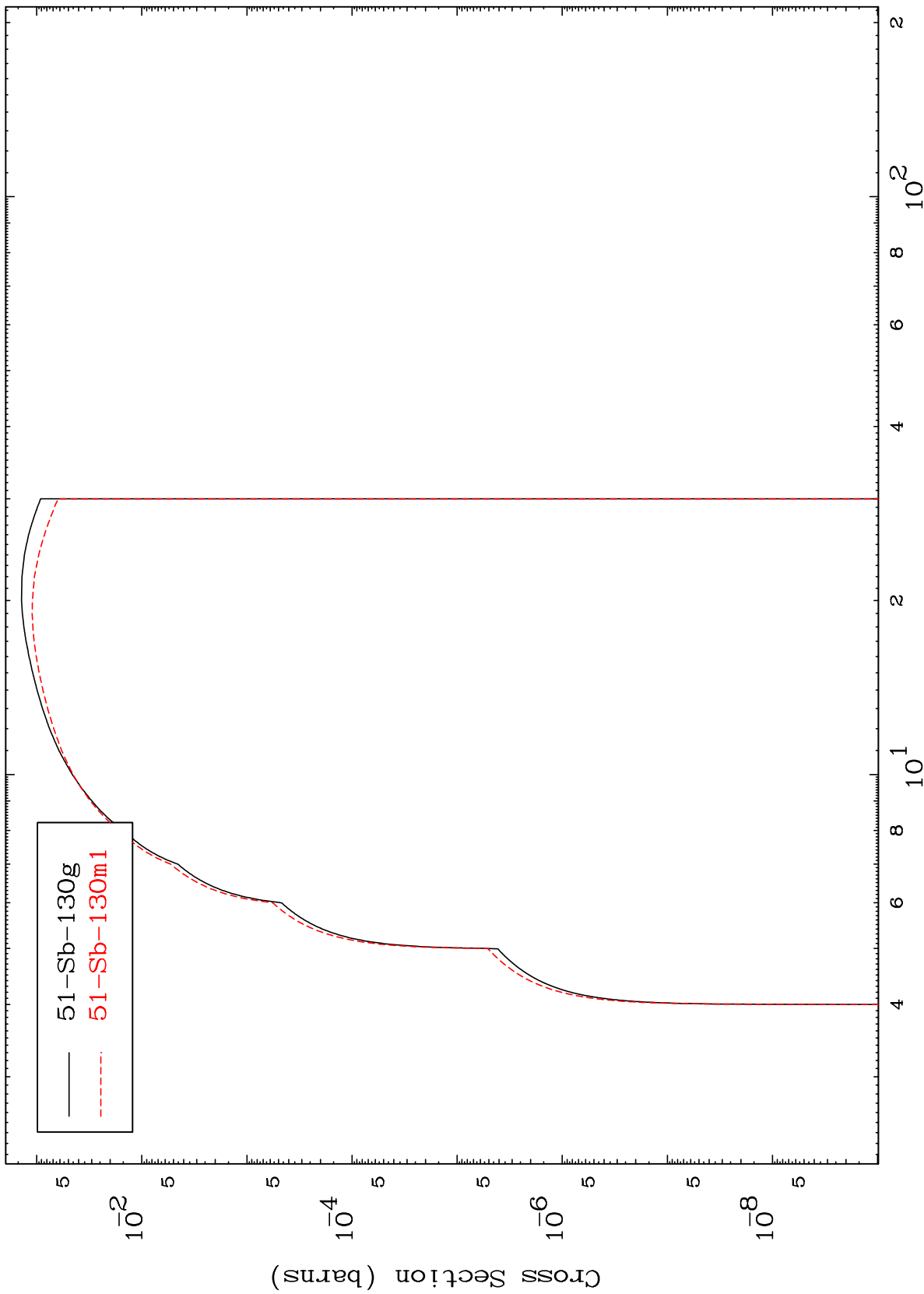


50-Sn-125g
50-Sn-125m1

MAT 5152

51-Sb-130

(n,n') p
Radionuclide Production Cross Section



51-Sb-130

Incident Energy (MeV)

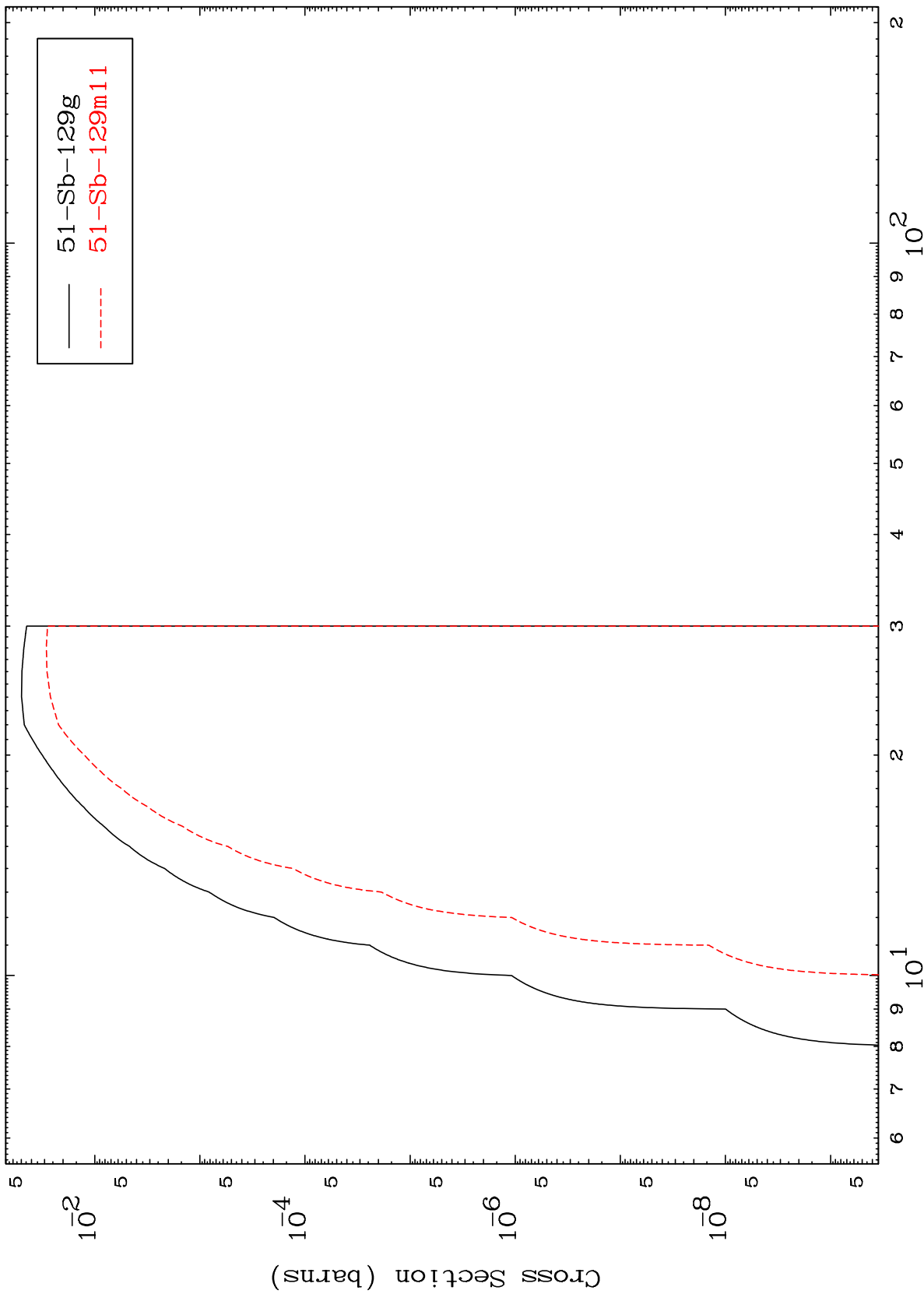
17

MAT 5152

(n,n') d

51-Sb-130

Radionuclide Production Cross Section



18

Incident Energy (MeV)

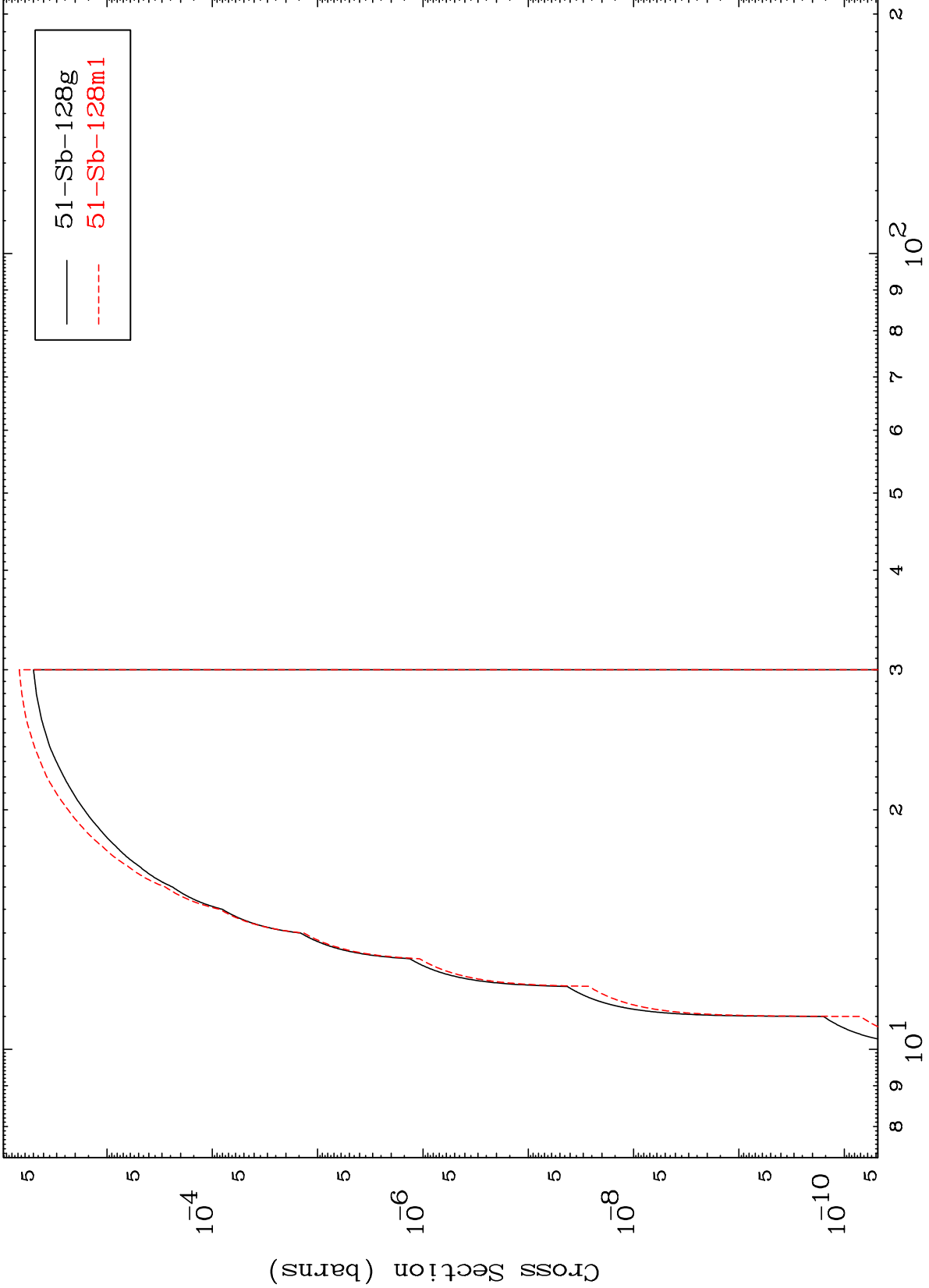
51-Sb-130

MAT 5152

(n,n') t

51-Sb-130

Radionuclide Production Cross Section



19

Incident Energy (MeV)

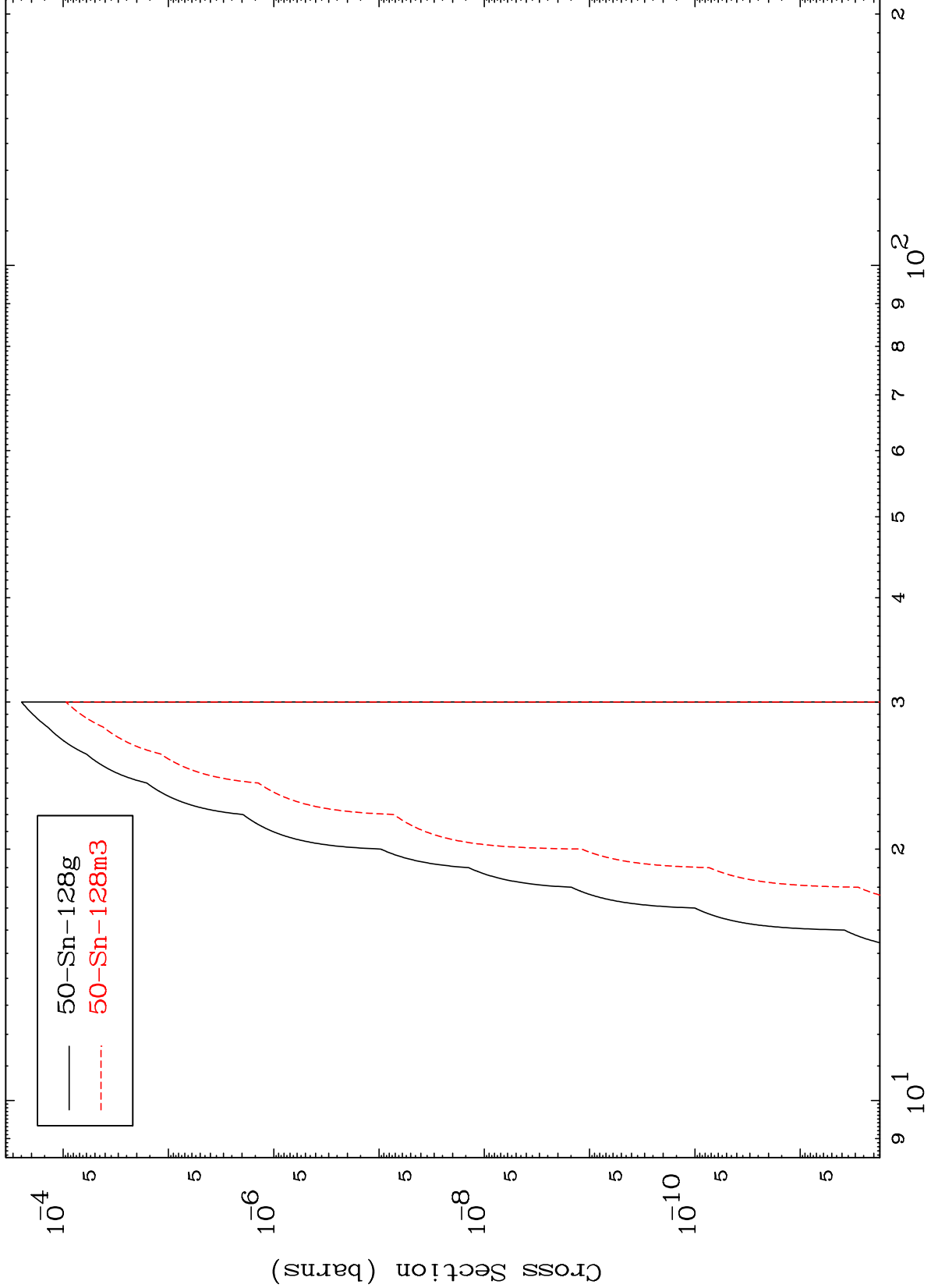
51-Sb-130

MAT 5152

(n,n') He-3

51-Sb-130

Radionuclide Production Cross Section



20

Incident Energy (MeV)

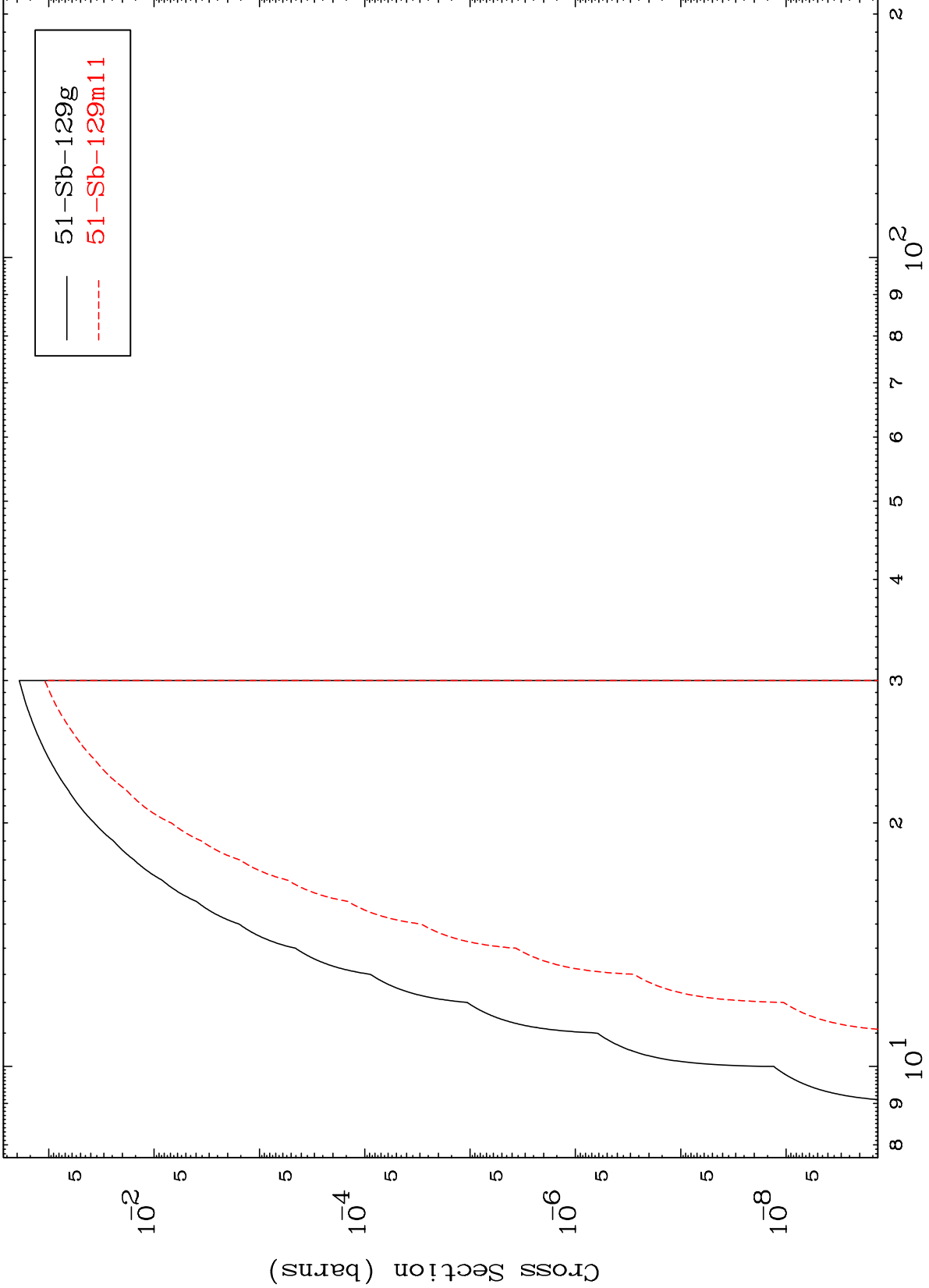
51-Sb-130

MAT 5152

(n,2n) p

51-Sb-130

Radionuclide Production Cross Section

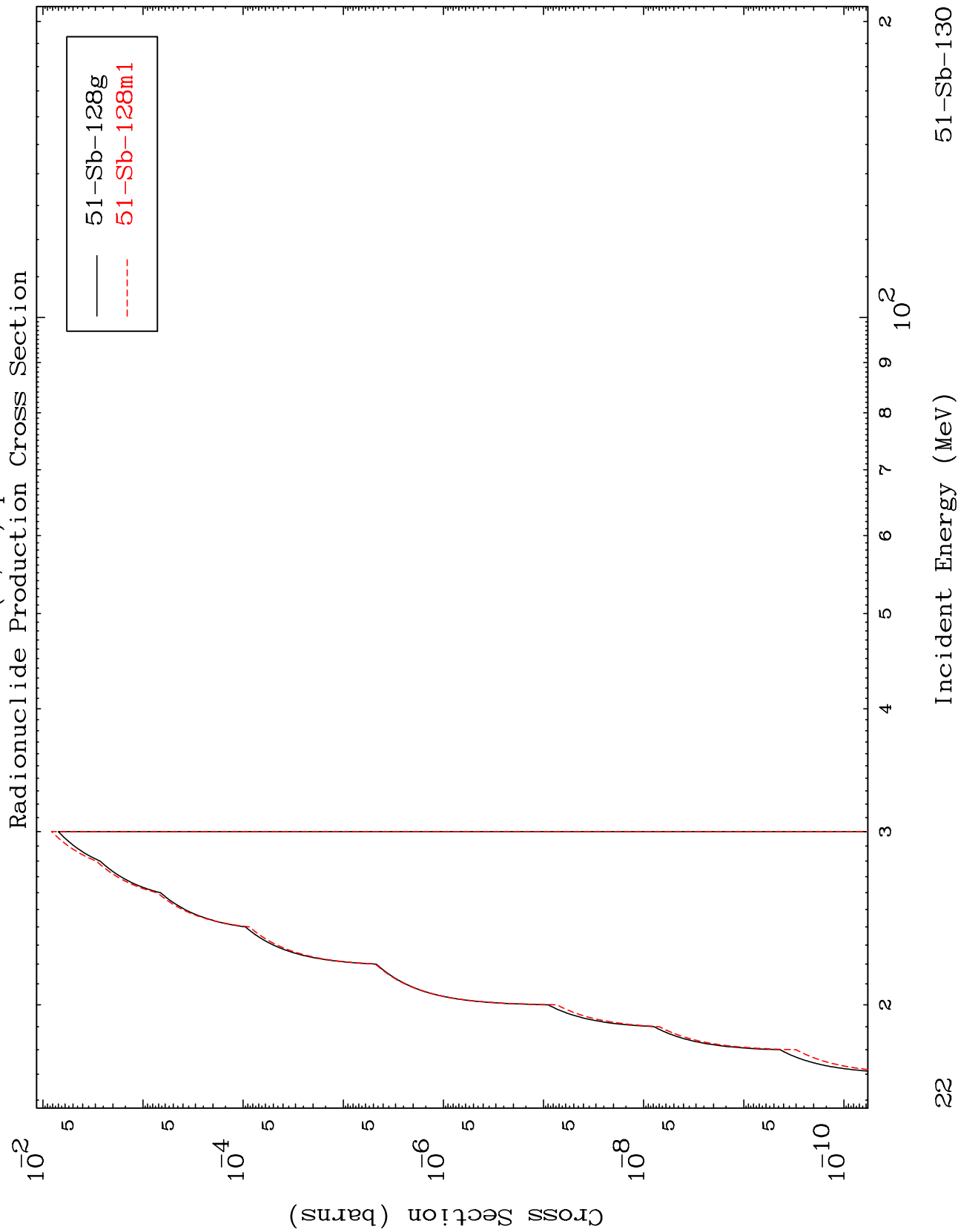


51-Sb-129g
51-Sb-129m11

MAT 5152

(n,3n) p

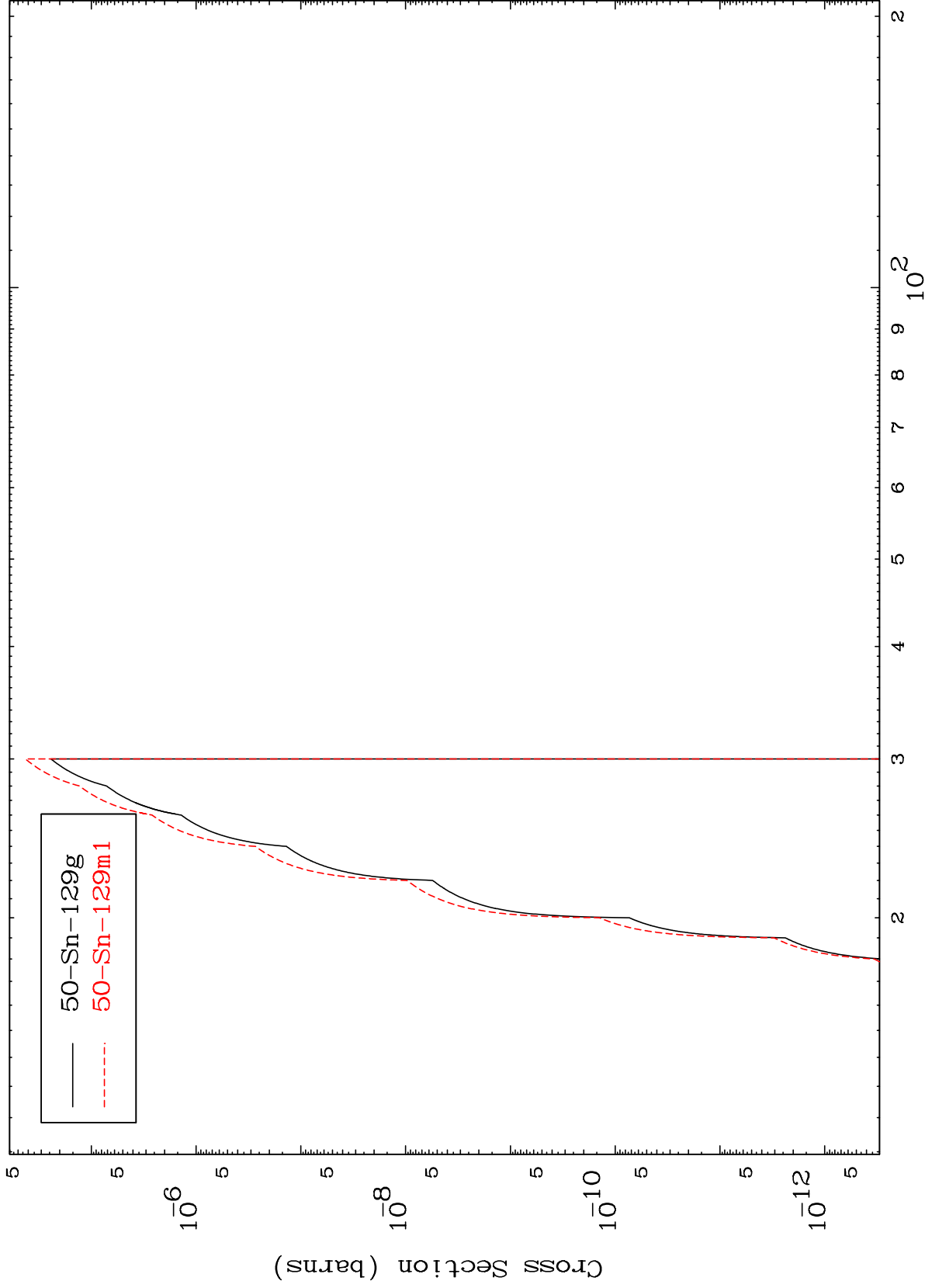
51-Sb-130



MAT 5152

51-Sb-130

(n,2n) p
Radionuclide Production Cross Section



51-Sb-130

Incident Energy (MeV)

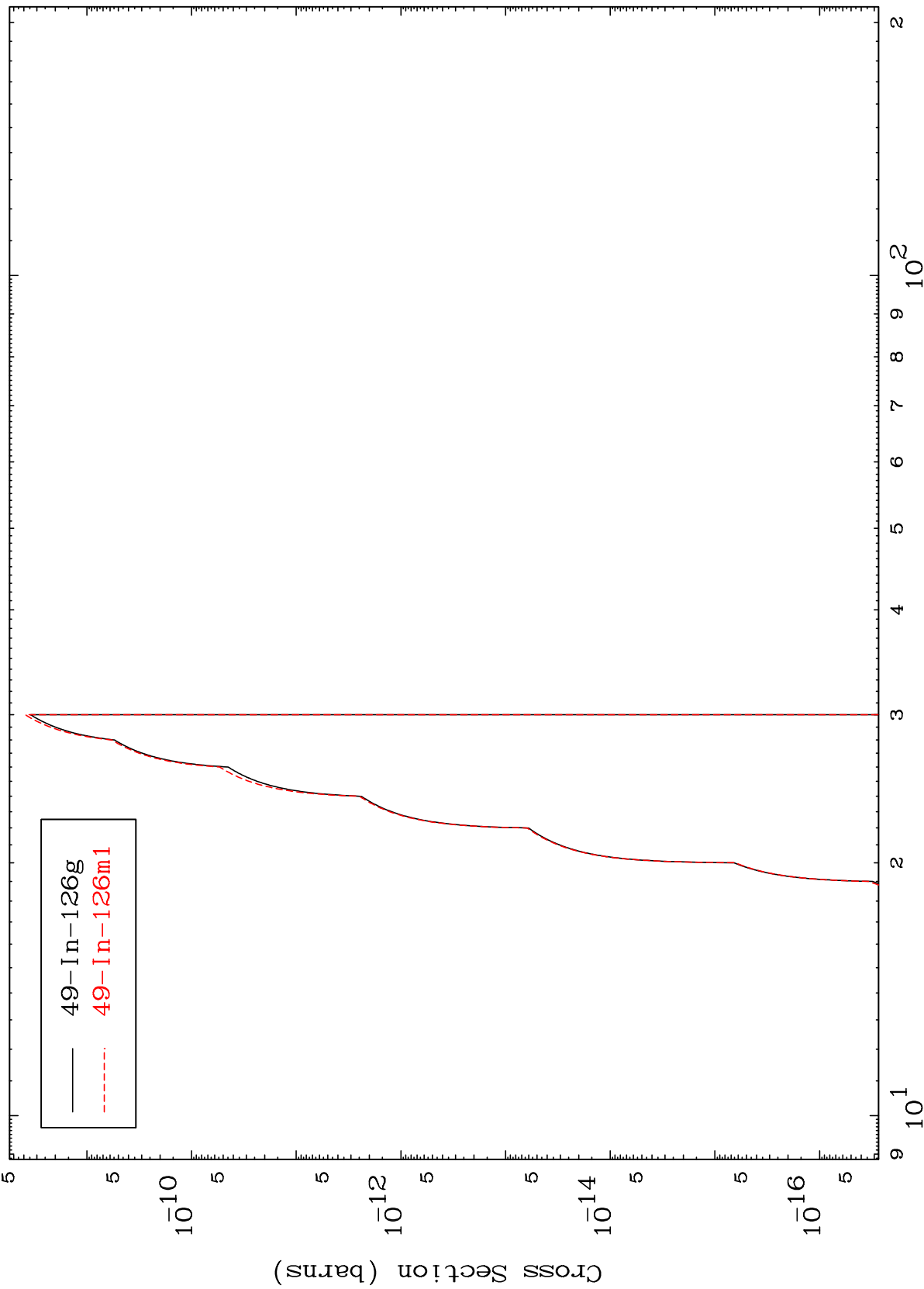
23

MAT 5152

(n,n') p α

51-Sb-130

Radionuclide Production Cross Section



49-In-126g
49-In-126m1

24

Incident Energy (MeV)

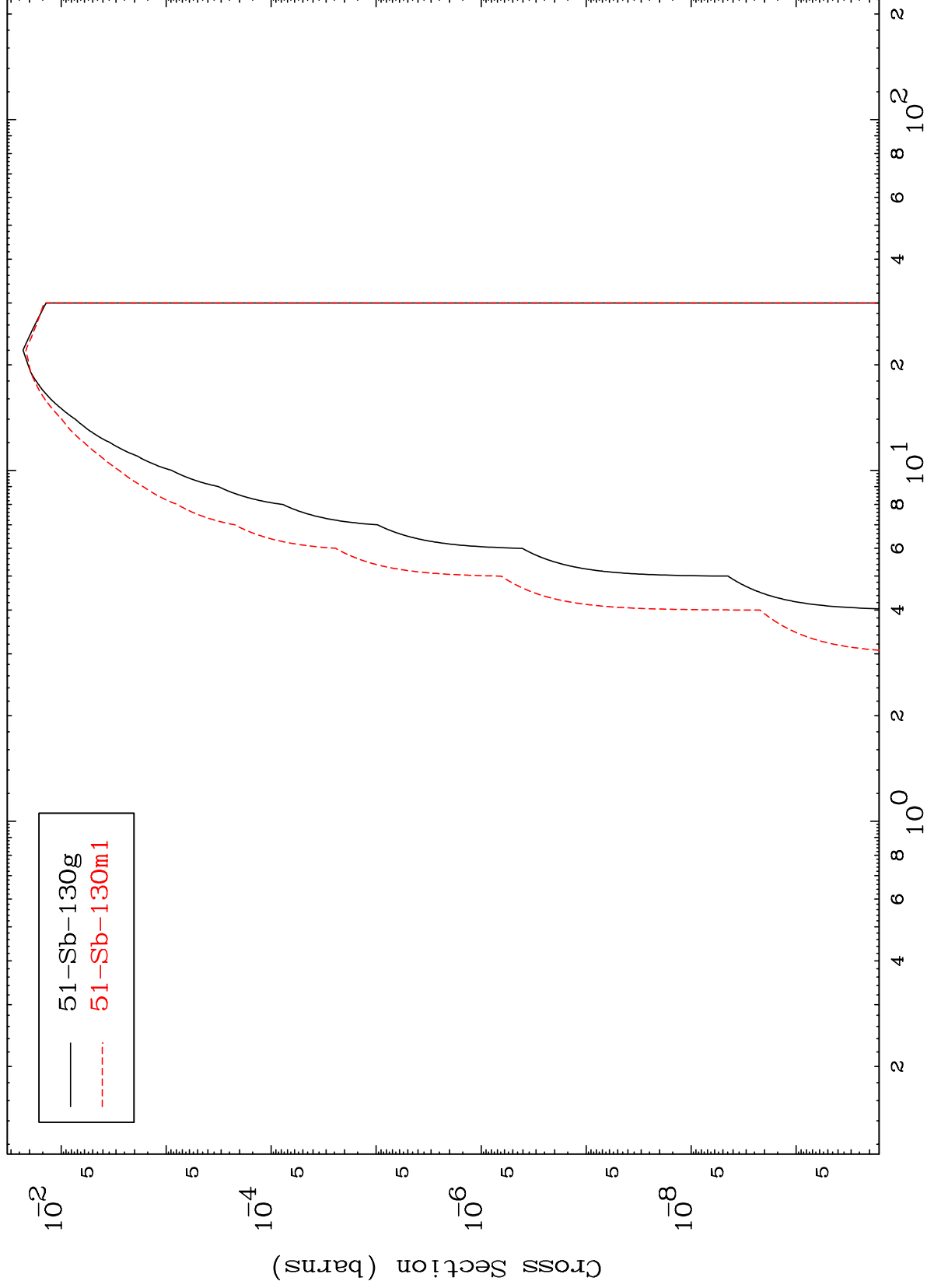
51-Sb-130

MAT 5152

(n,d)

51-Sb-130

Radionuclide Production Cross Section



25

Incident Energy (MeV)

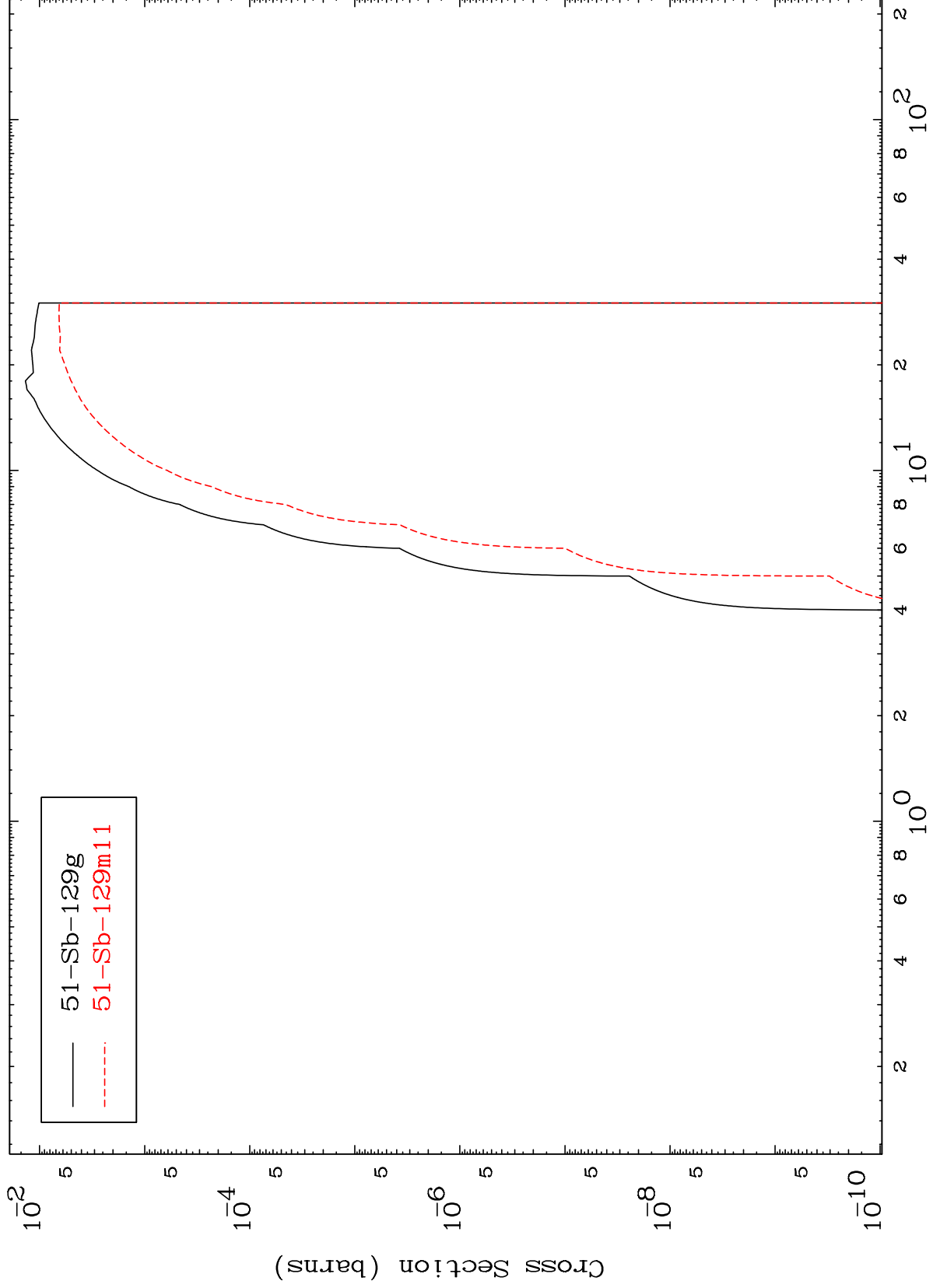
51-Sb-130

MAT 5152

(n, t)

51-Sb-130

Radionuclide Production Cross Section



26

Incident Energy (MeV)

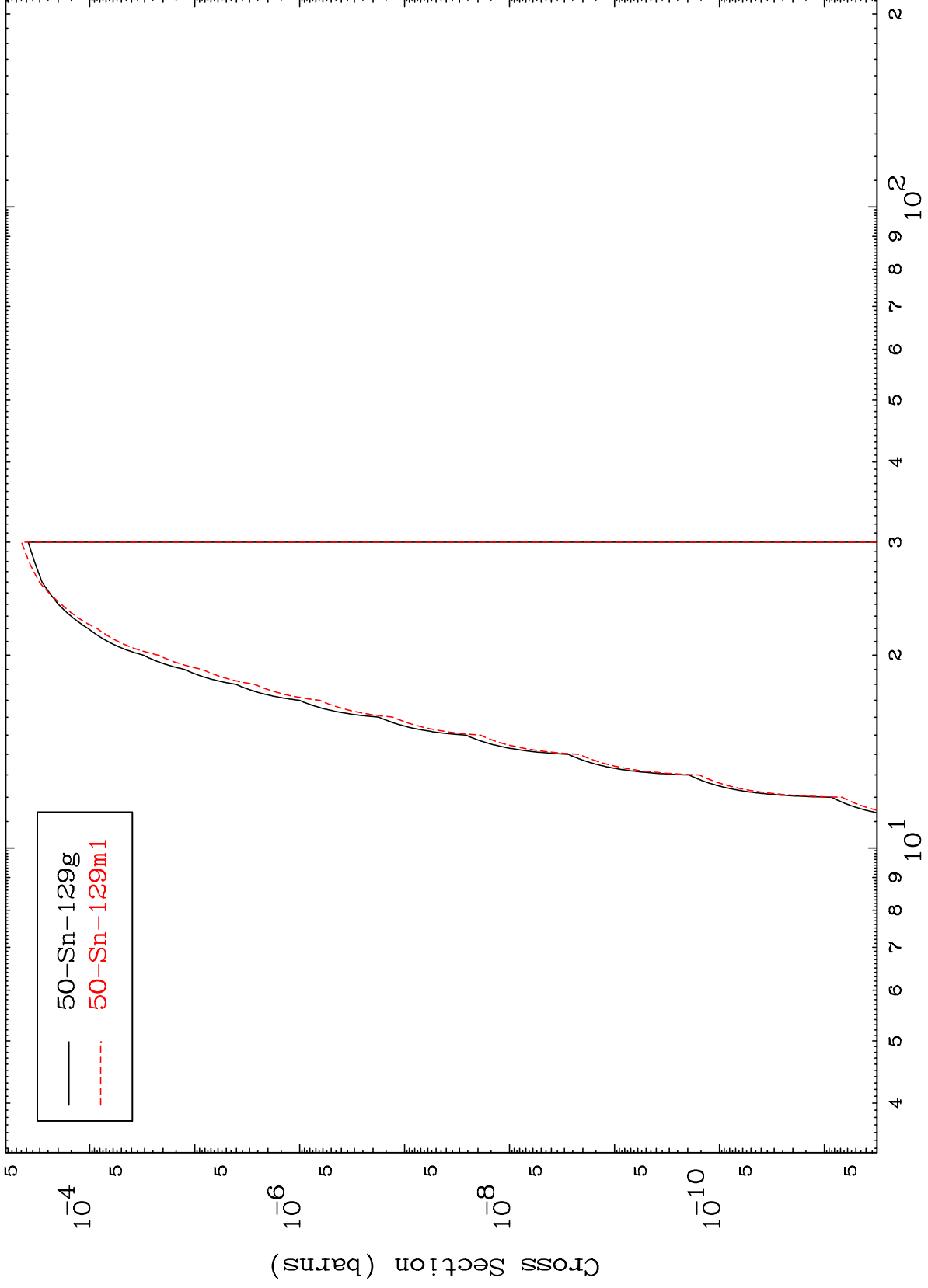
51-Sb-130

MAT 5152

(n,He-3)

51-Sb-130

Radionuclide Production Cross Section

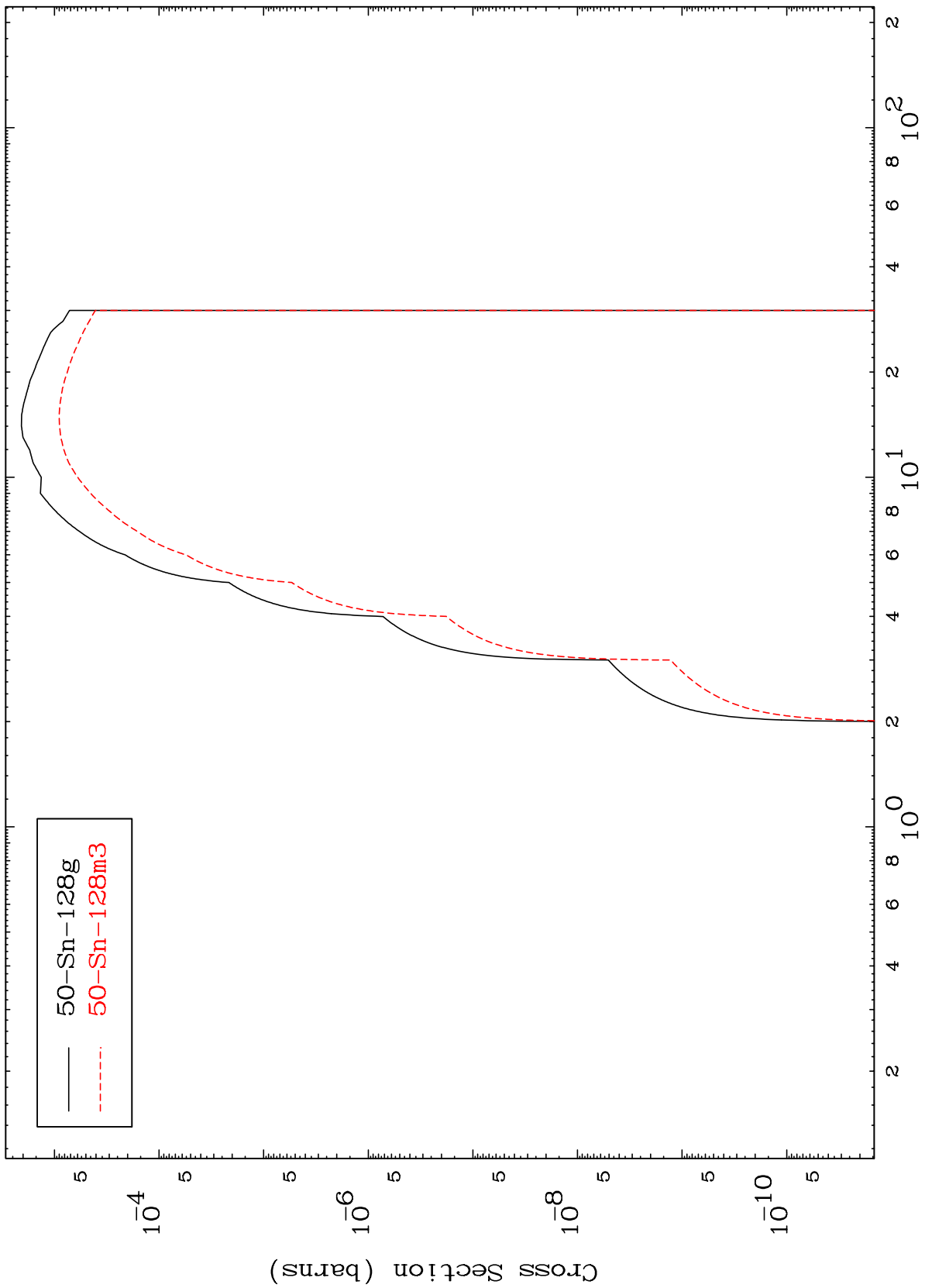


50-Sn-129g
50-Sn-129m1

MAT 5152

51-Sb-130

(n, α)
Radionuclide Production Cross Section



28

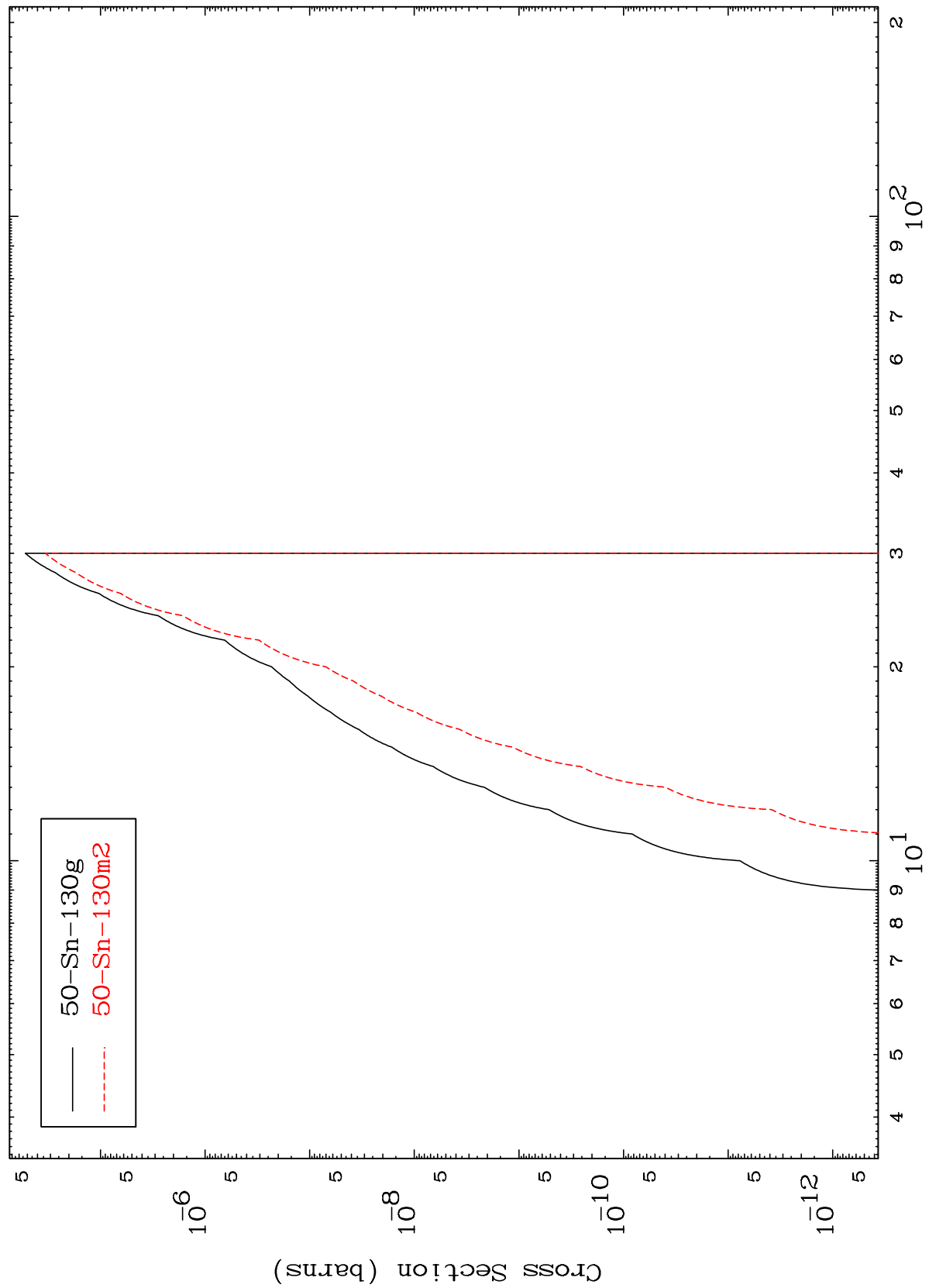
51-Sb-130

Incident Energy (MeV)

MAT 5152

51-Sb-130

(n,2p)
Radionuclide Production Cross Section



29

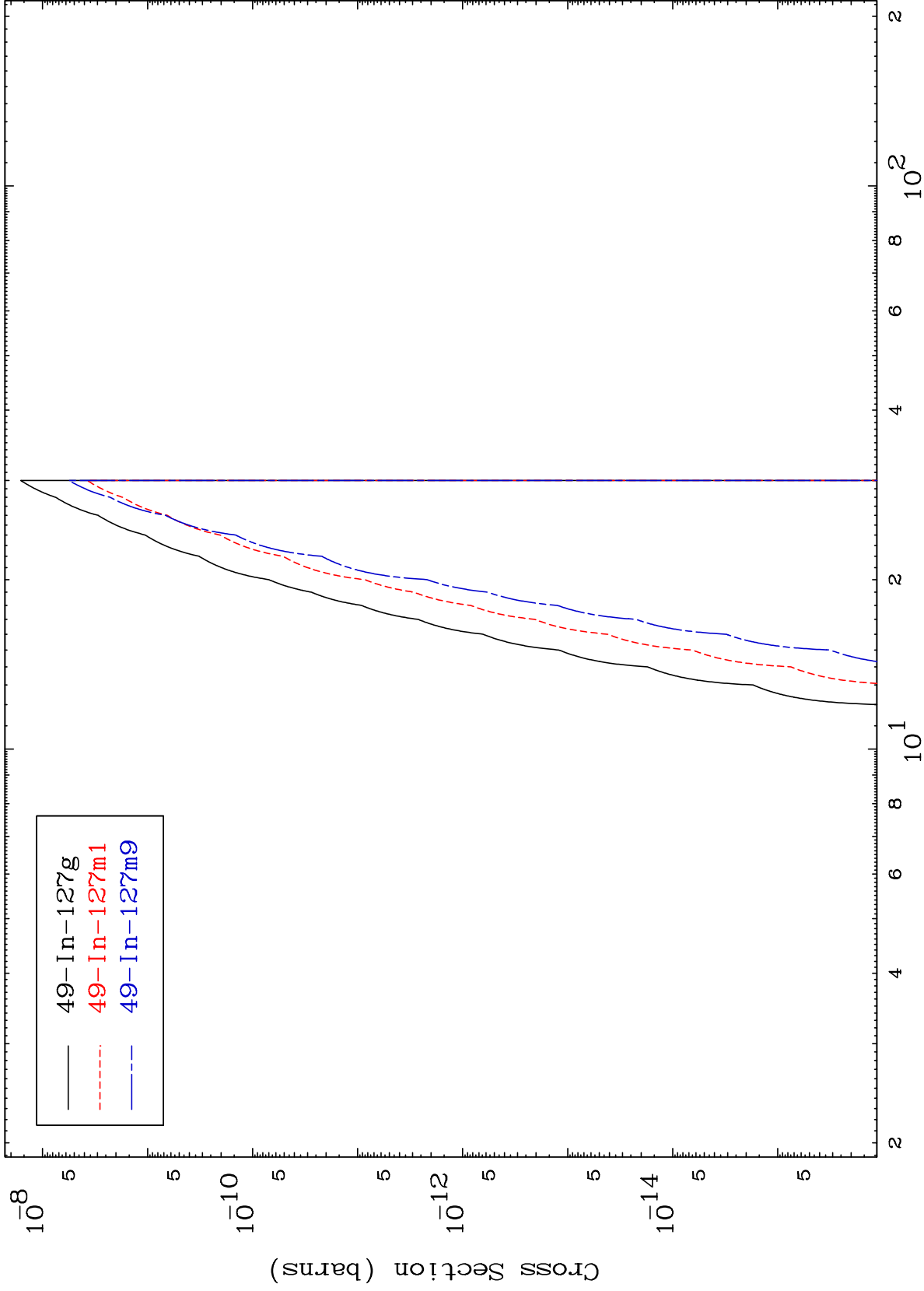
Incident Energy (MeV)

51-Sb-130

MAT 5152

51-Sb-130

(n,p) α
Radionuclide Production Cross Section

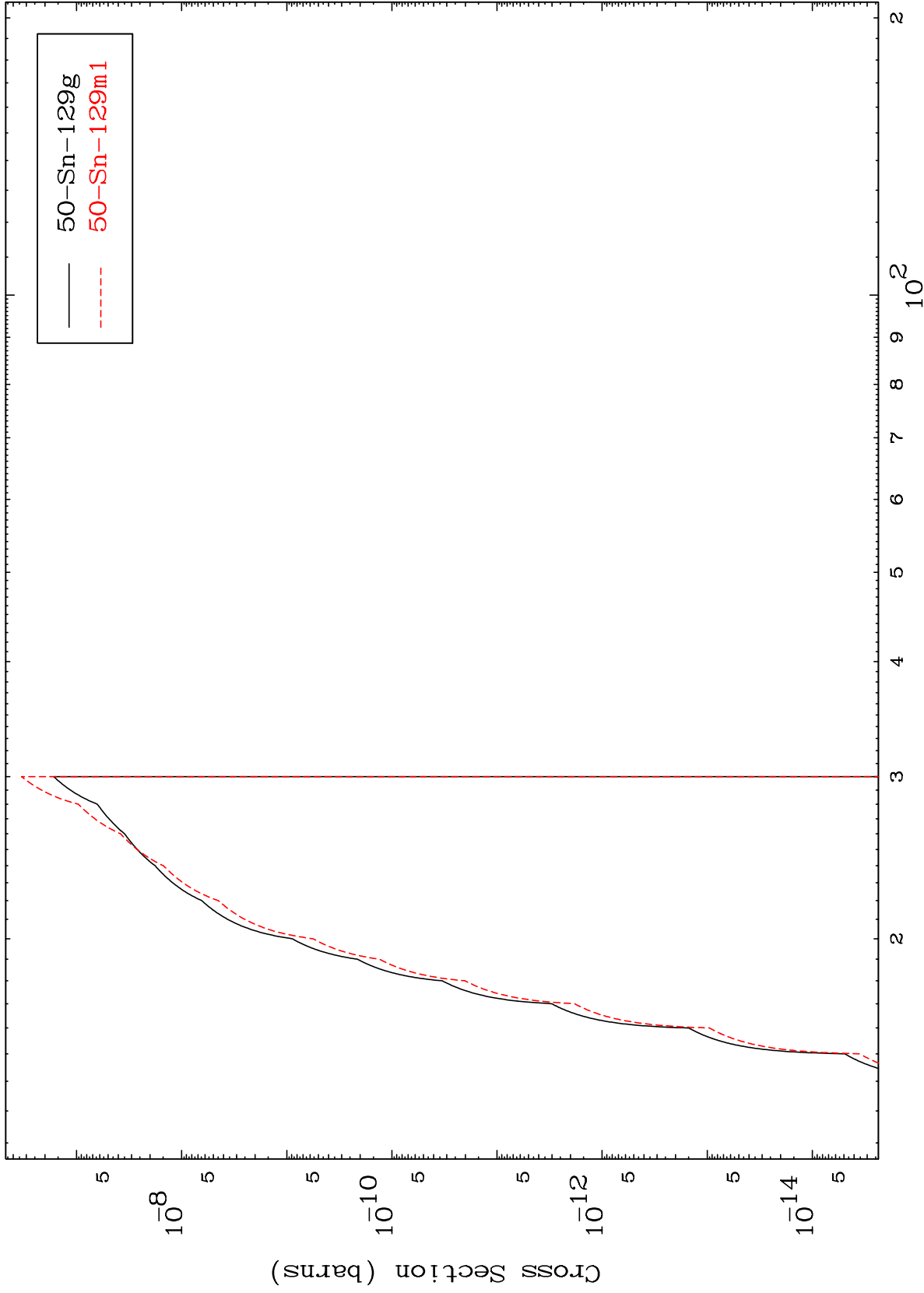


51-Sb-130

Incident Energy (MeV)

30

Radionuclide Production Cross Section

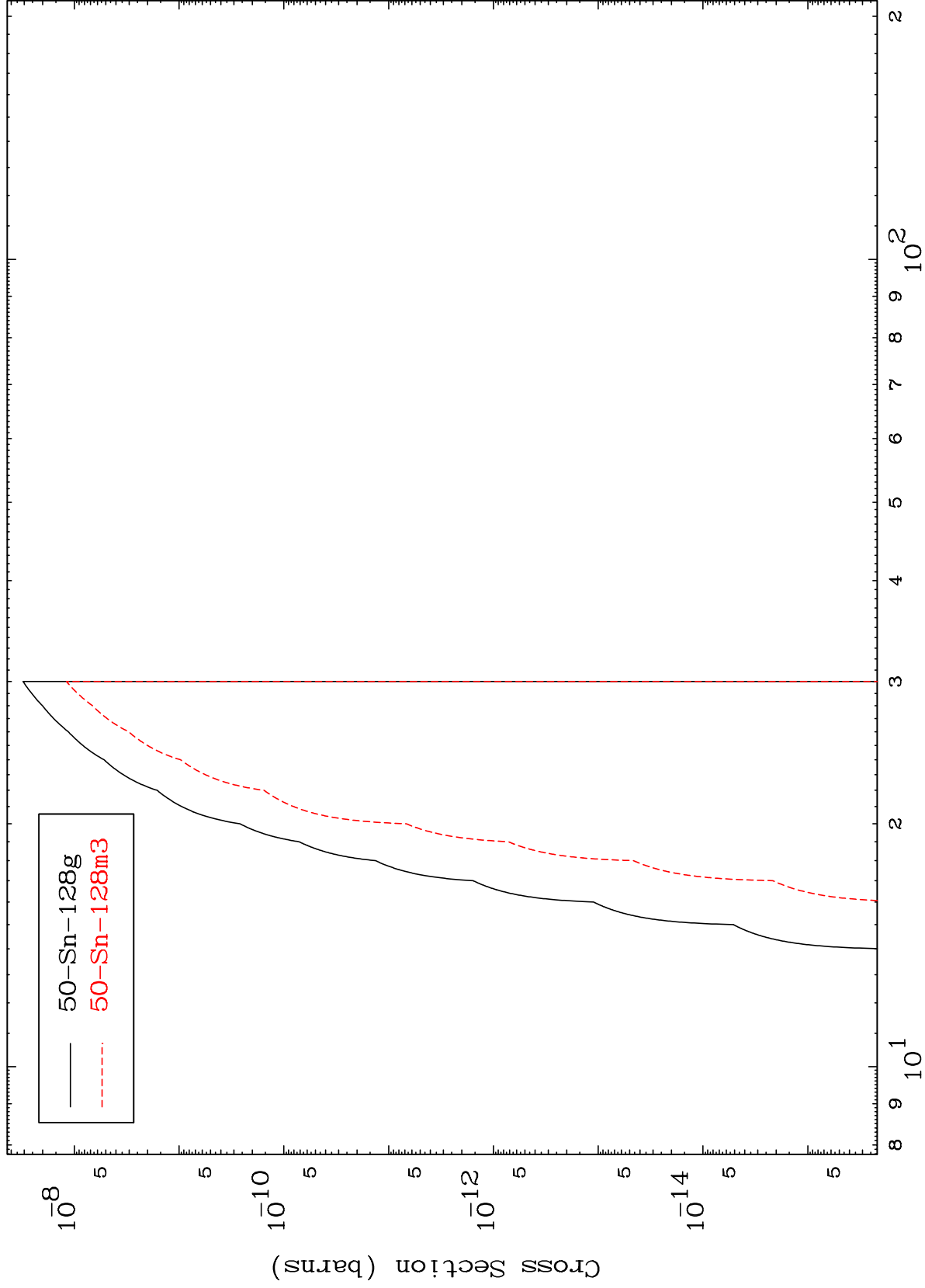


MAT 5152

(n,p) t

51-Sb-130

Radionuclide Production Cross Section



32

Incident Energy (MeV)

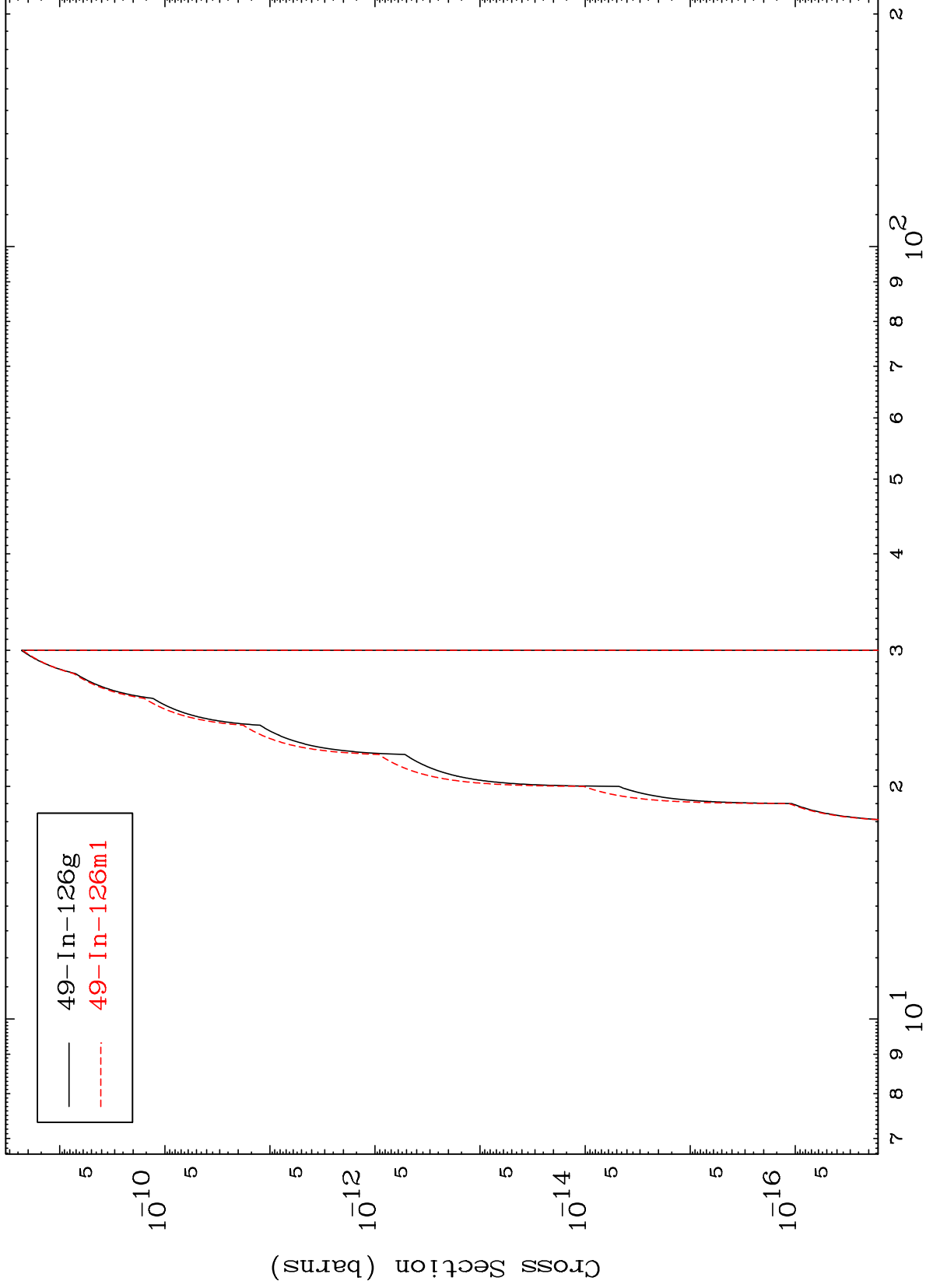
51-Sb-130

MAT 5152

(n,d) α

51-Sb-130

Radionuclide Production Cross Section



33

Incident Energy (MeV)

51-Sb-130