

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

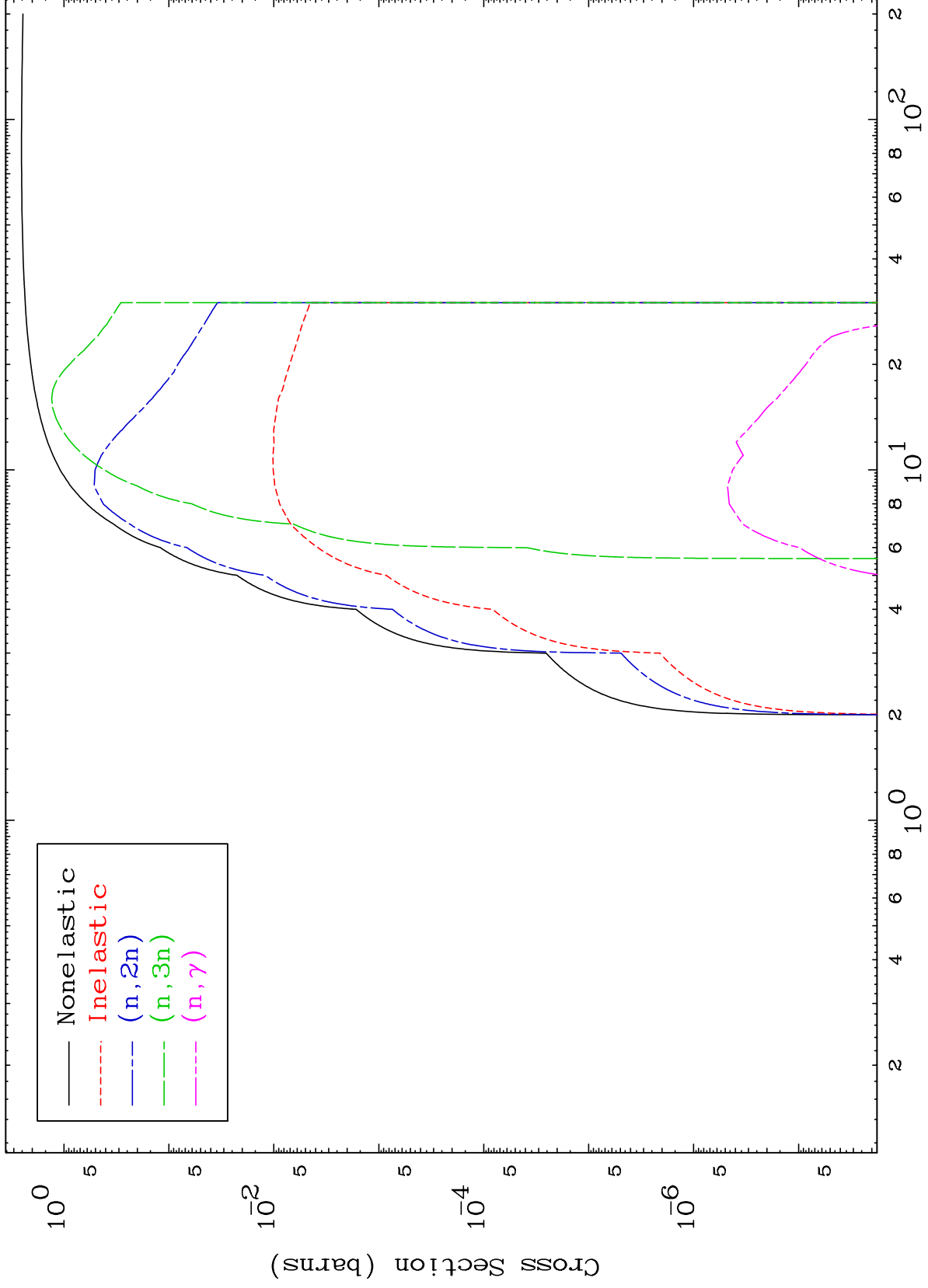
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

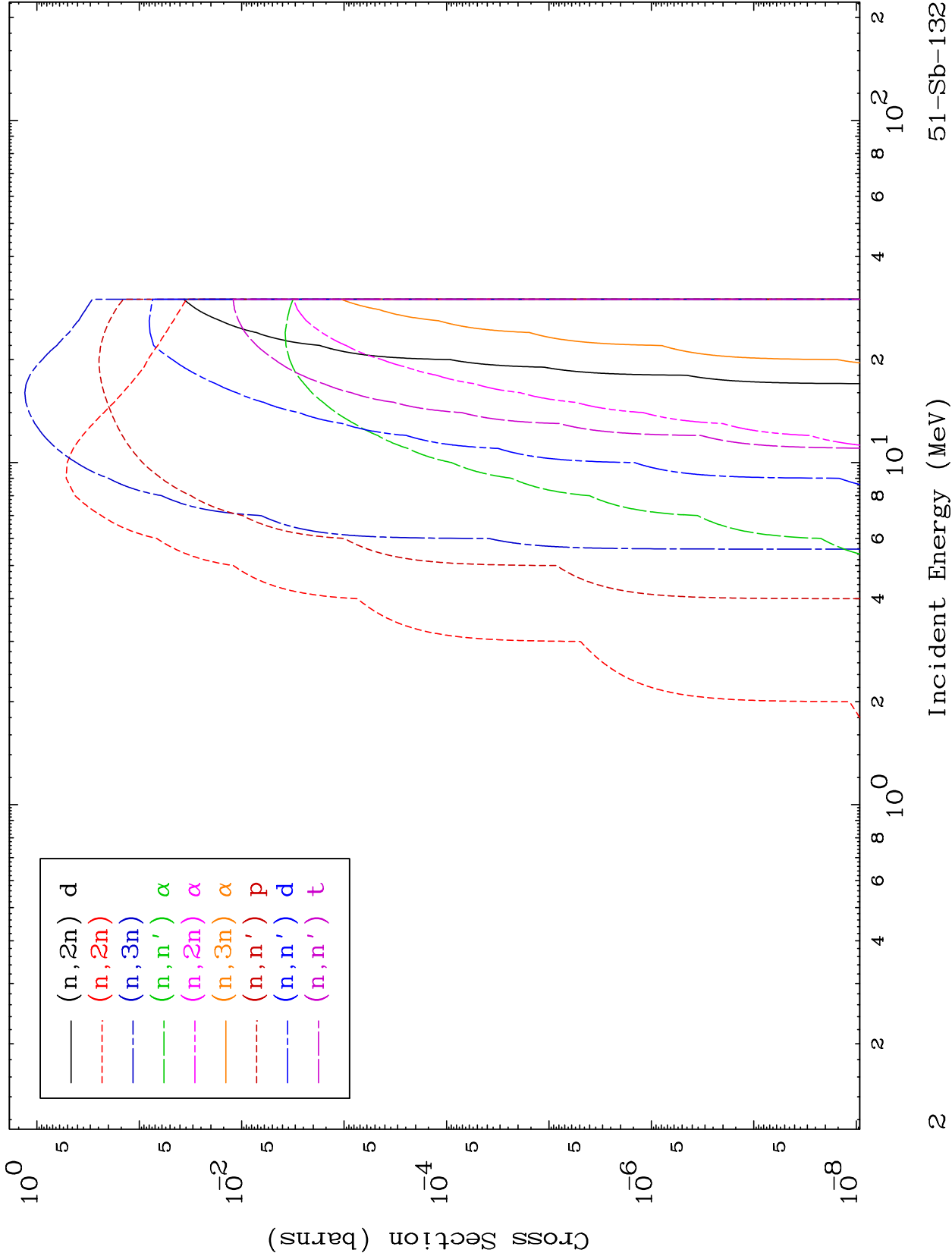
Tele: 925-443-1911

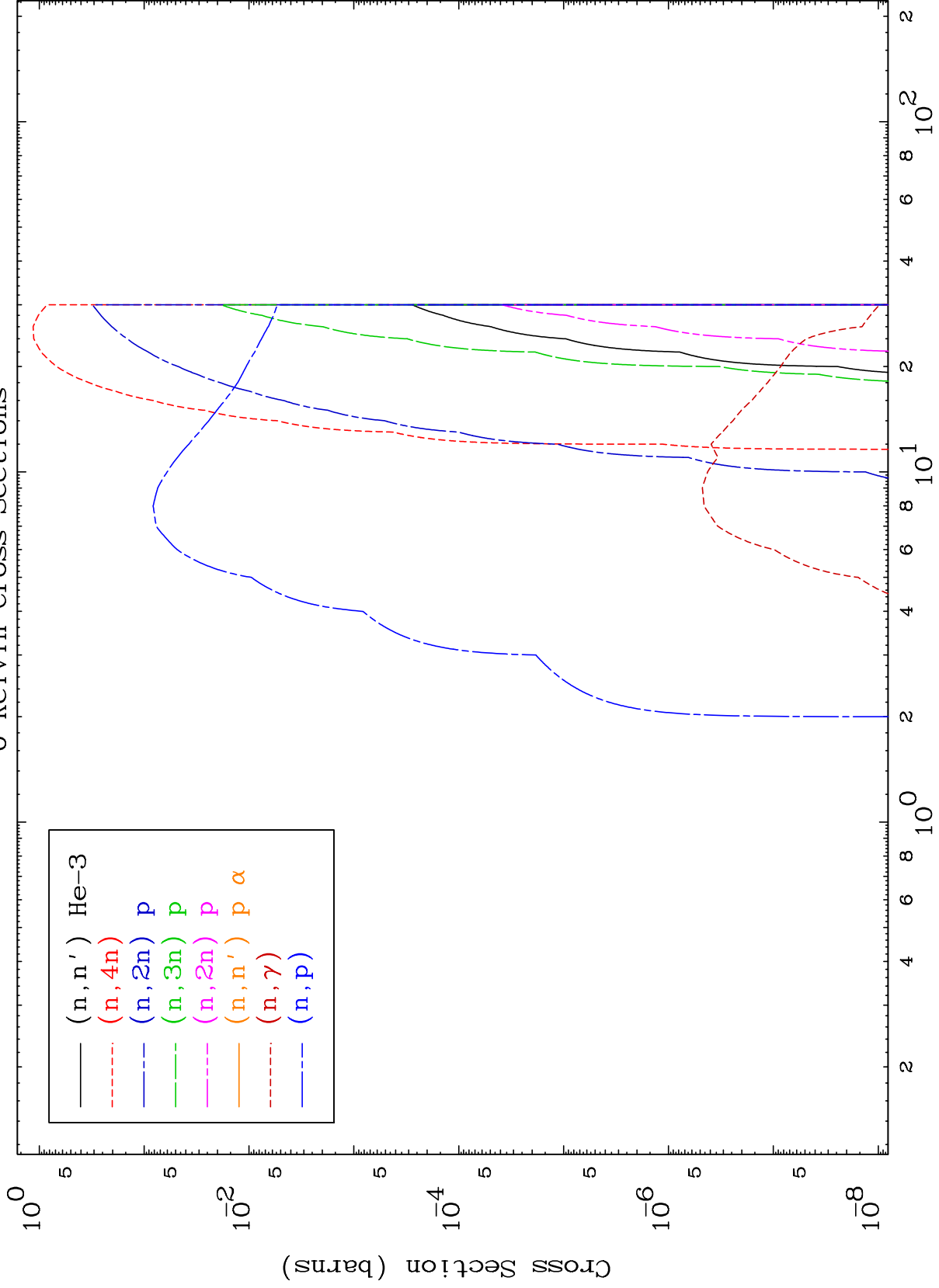
E.Mail:redcullen1@comcast.net

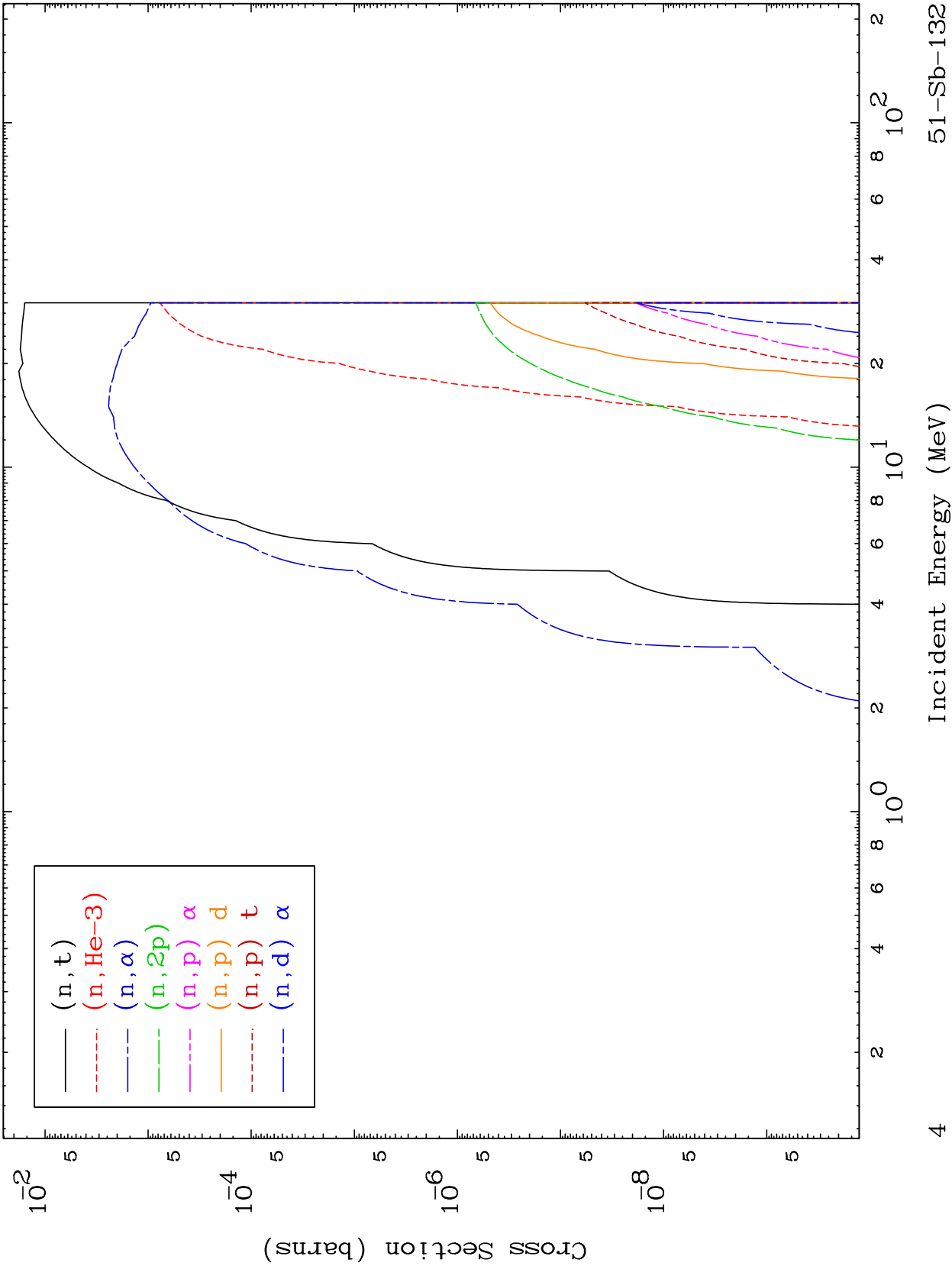
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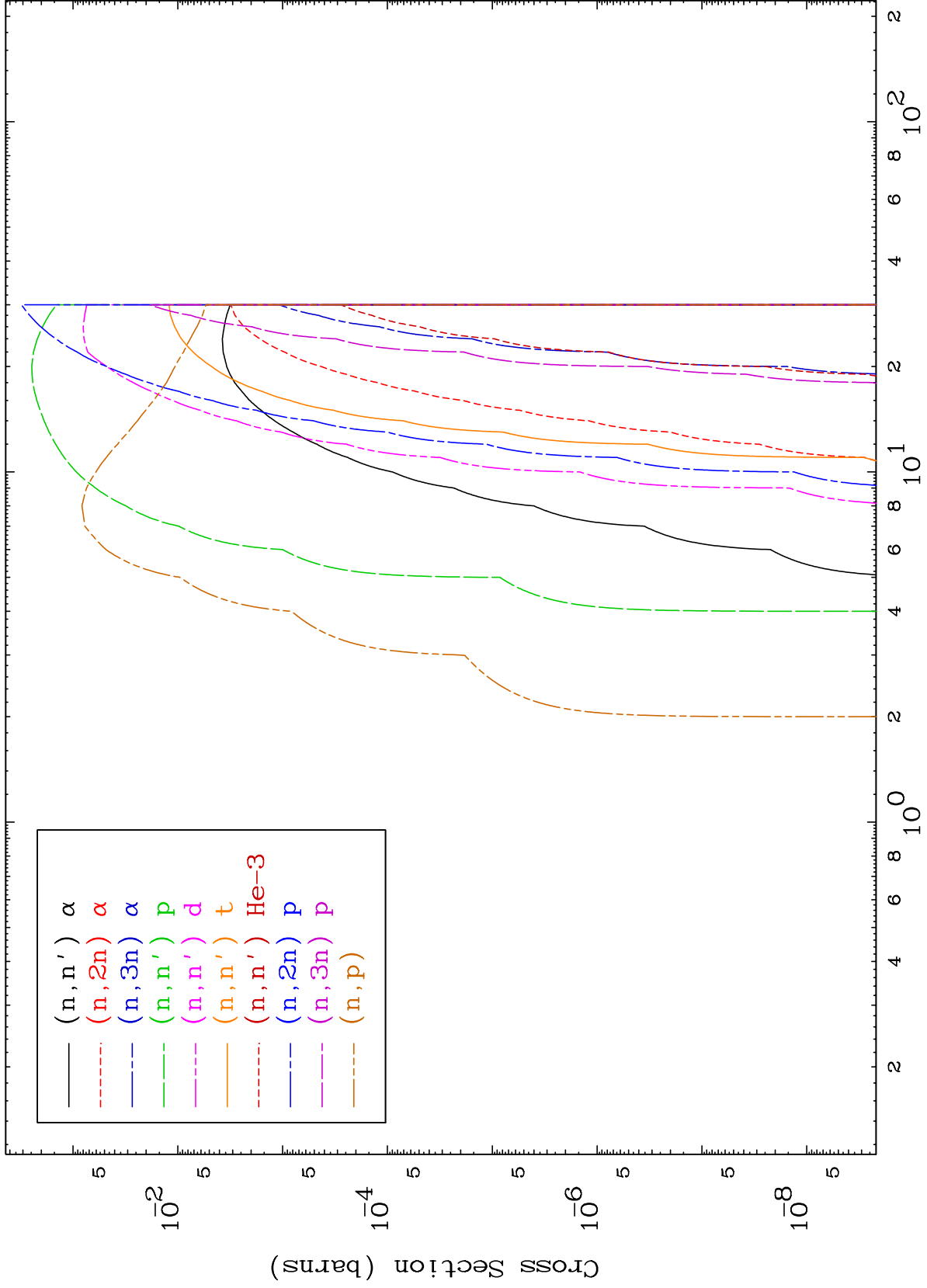
Press Mouse Button to Start

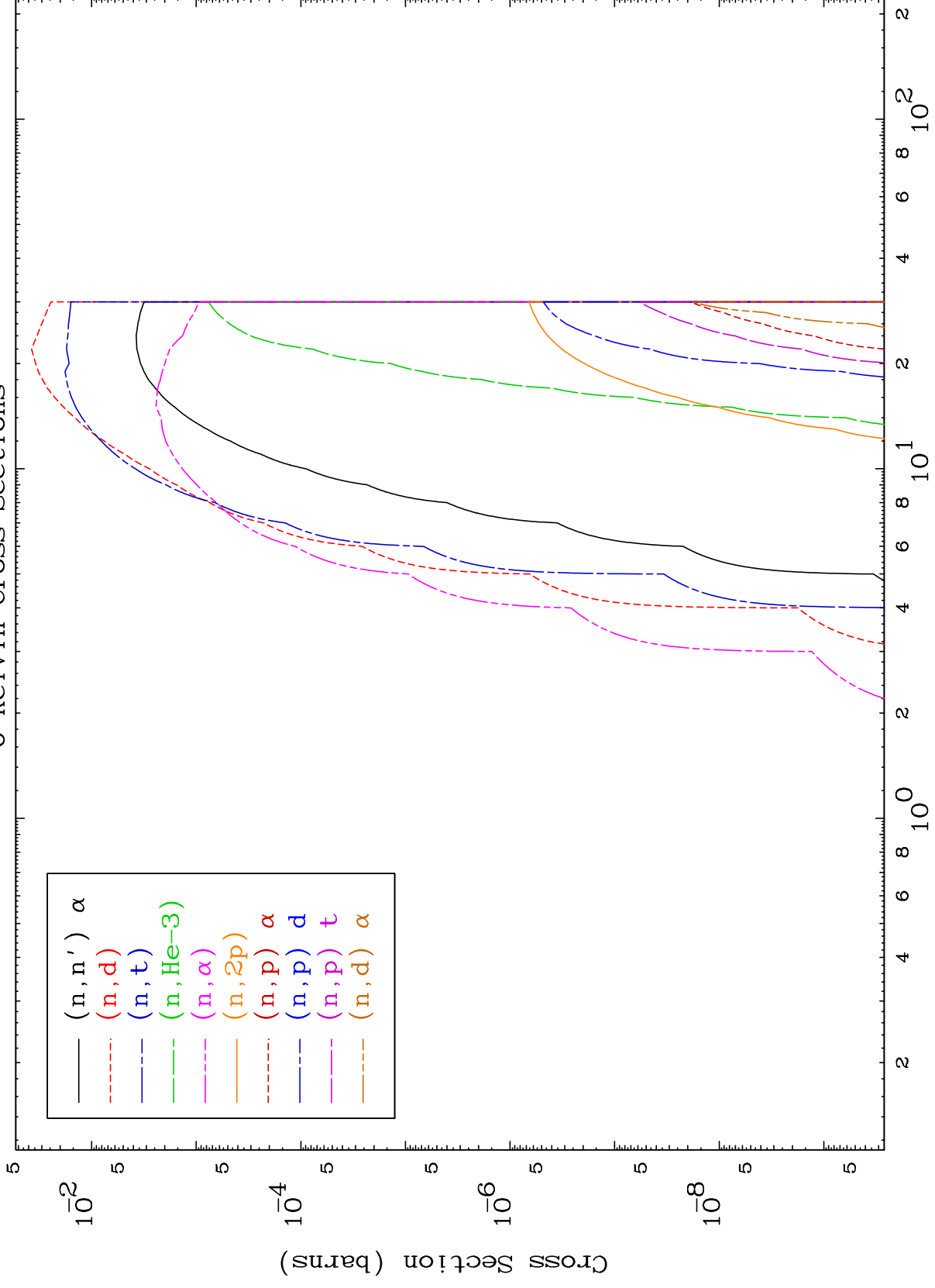








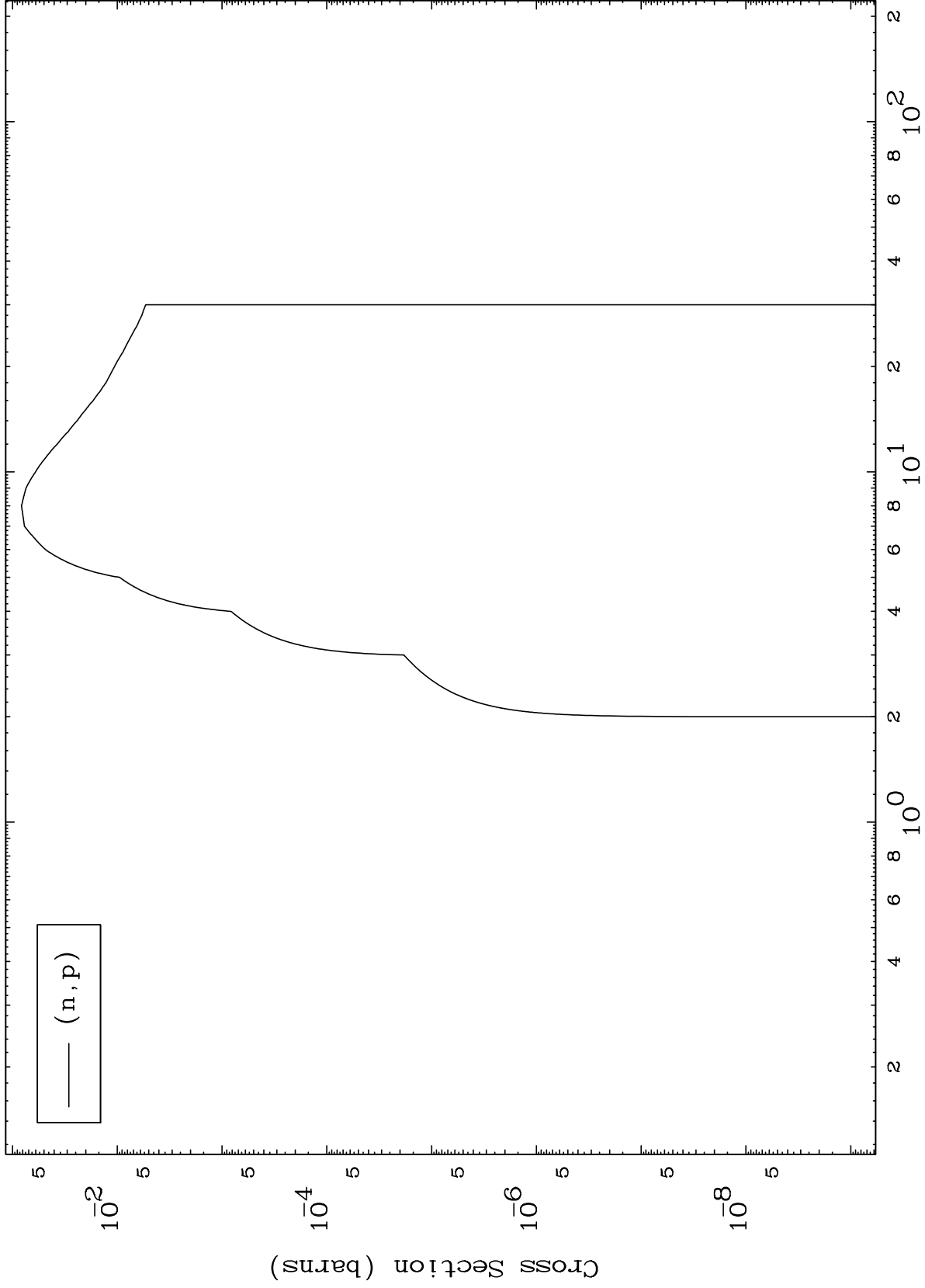




MAT 5158

(d,p) Levels
0 Kelvin Cross Sections

51-Sb-132



7

Incident Energy (MeV)

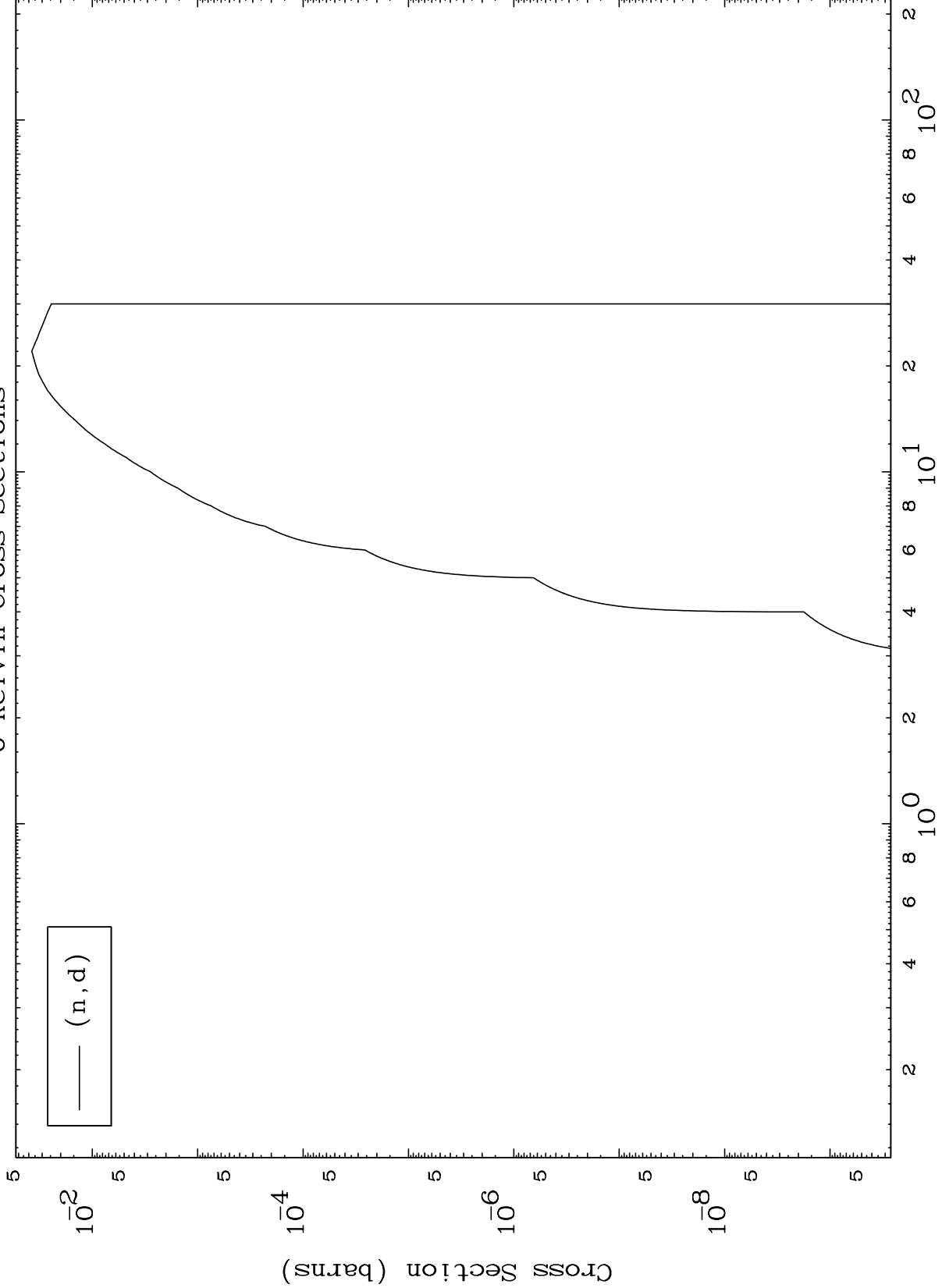
51-Sb-132

MAT 5158

(d,d) Levels

51-Sb-132

0 Kelvin Cross Sections

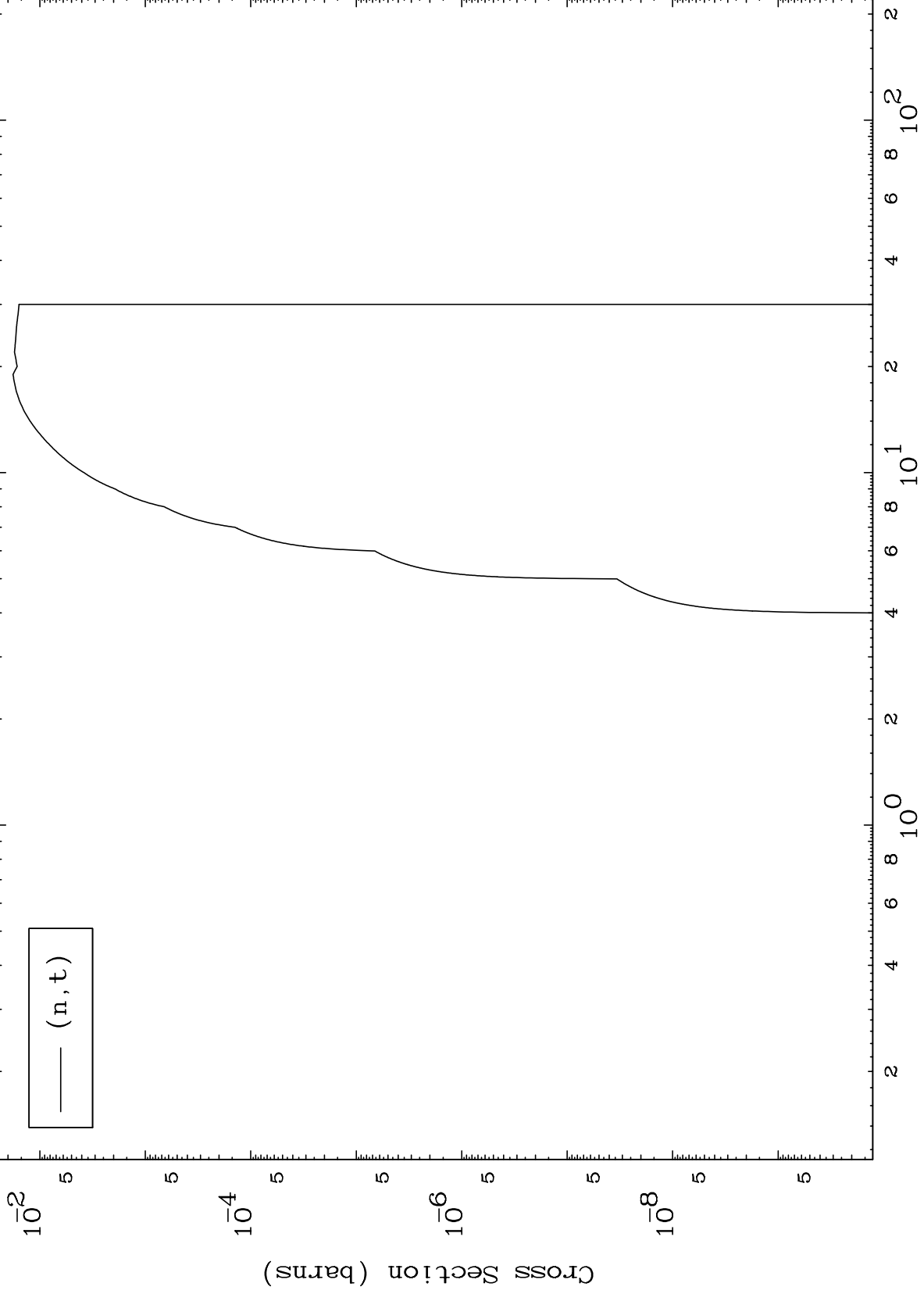


MAT 5158

(d, t) Levels

51-Sb-132

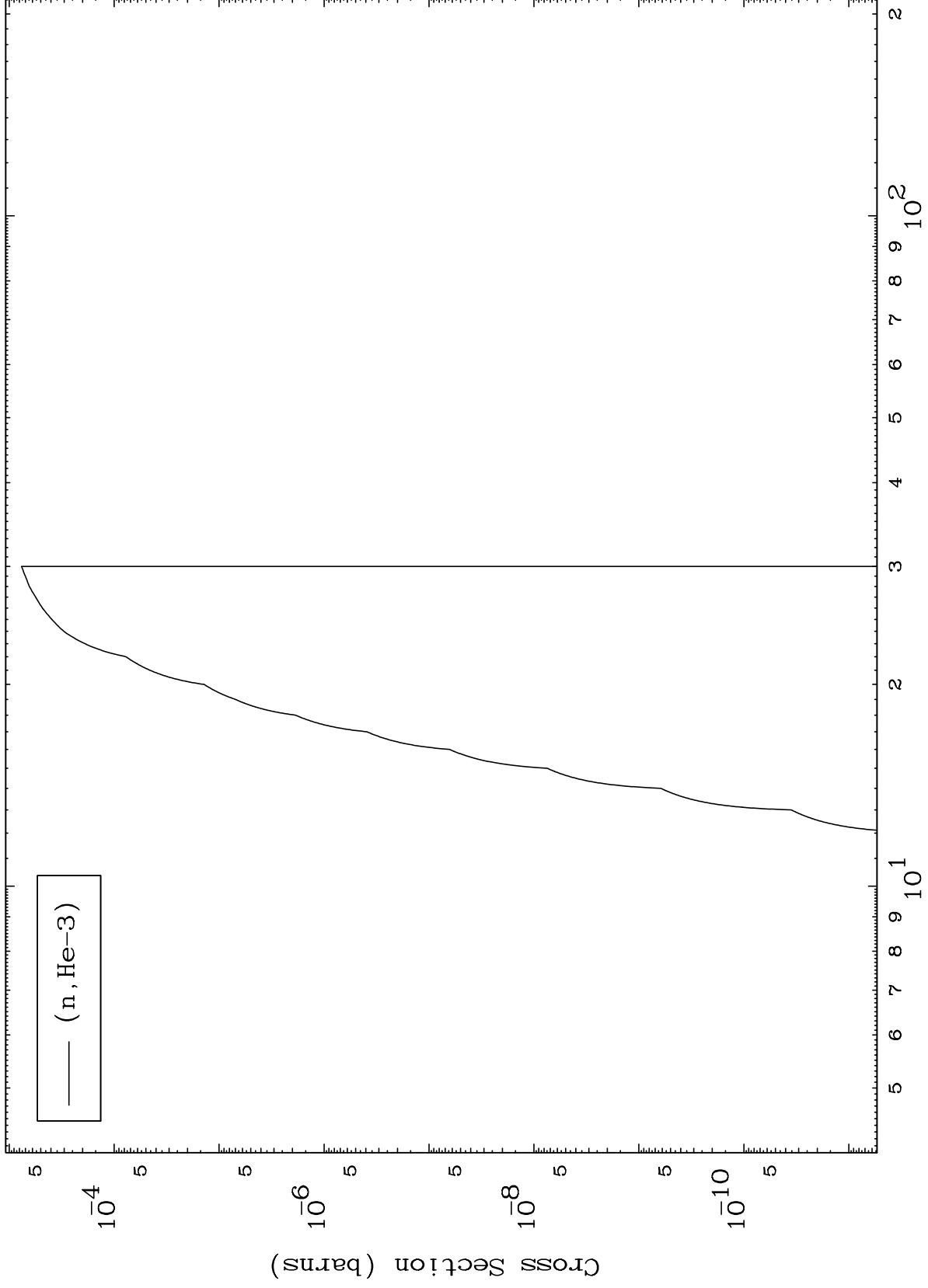
0 Kelvin Cross Sections



MAT 5158

(d,He3) Levels
0 Kelvin Cross Sections

51-Sb-132



10

Incident Energy (MeV)

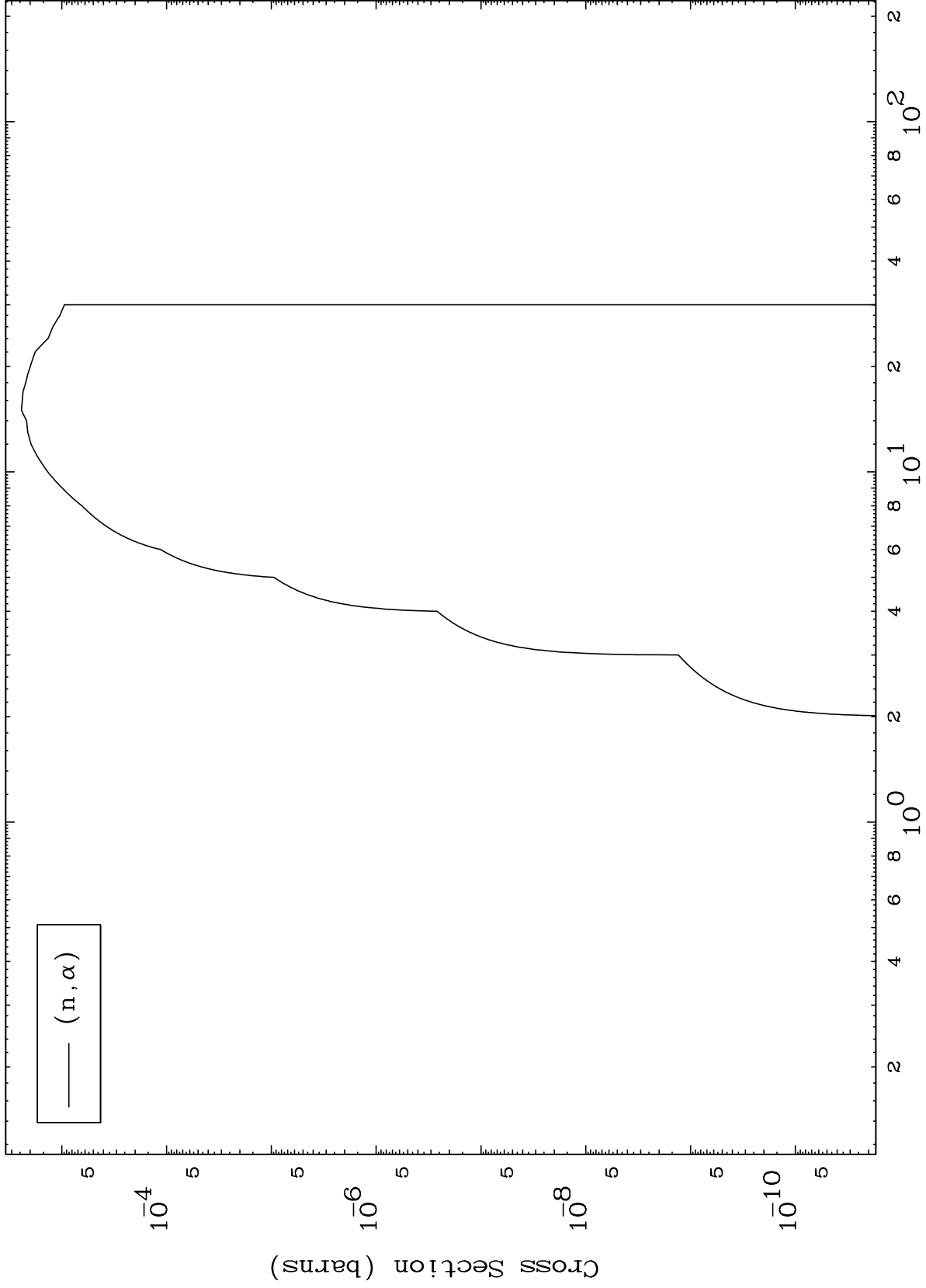
51-Sb-132

MAT 5158

(d, α) Levels

51-Sb-132

0 Kelvin Cross Sections



11

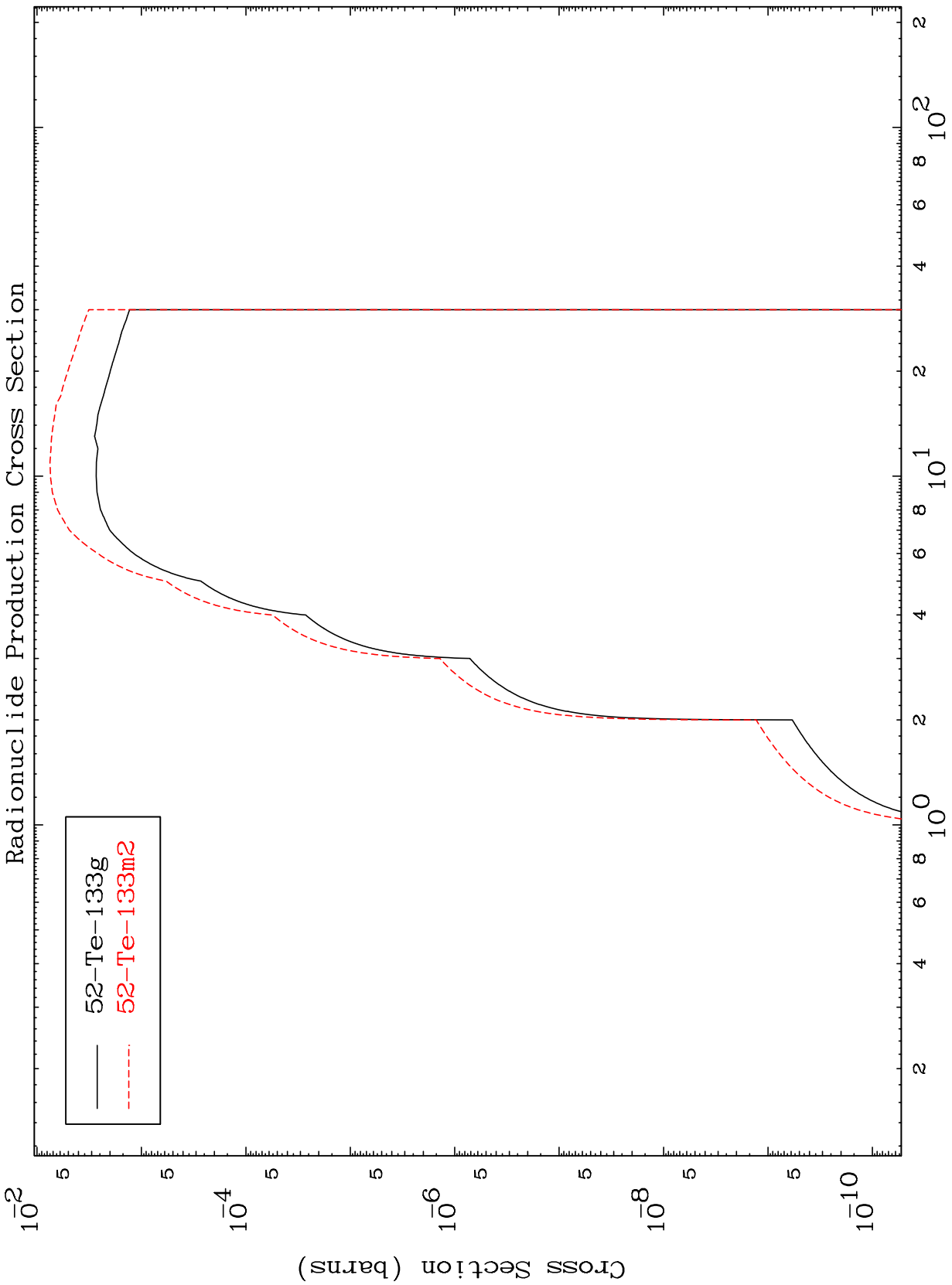
Incident Energy (MeV)

51-Sb-132

MAT 5158

51-Sb-132

Inelastic
Radionuclide Production Cross Section



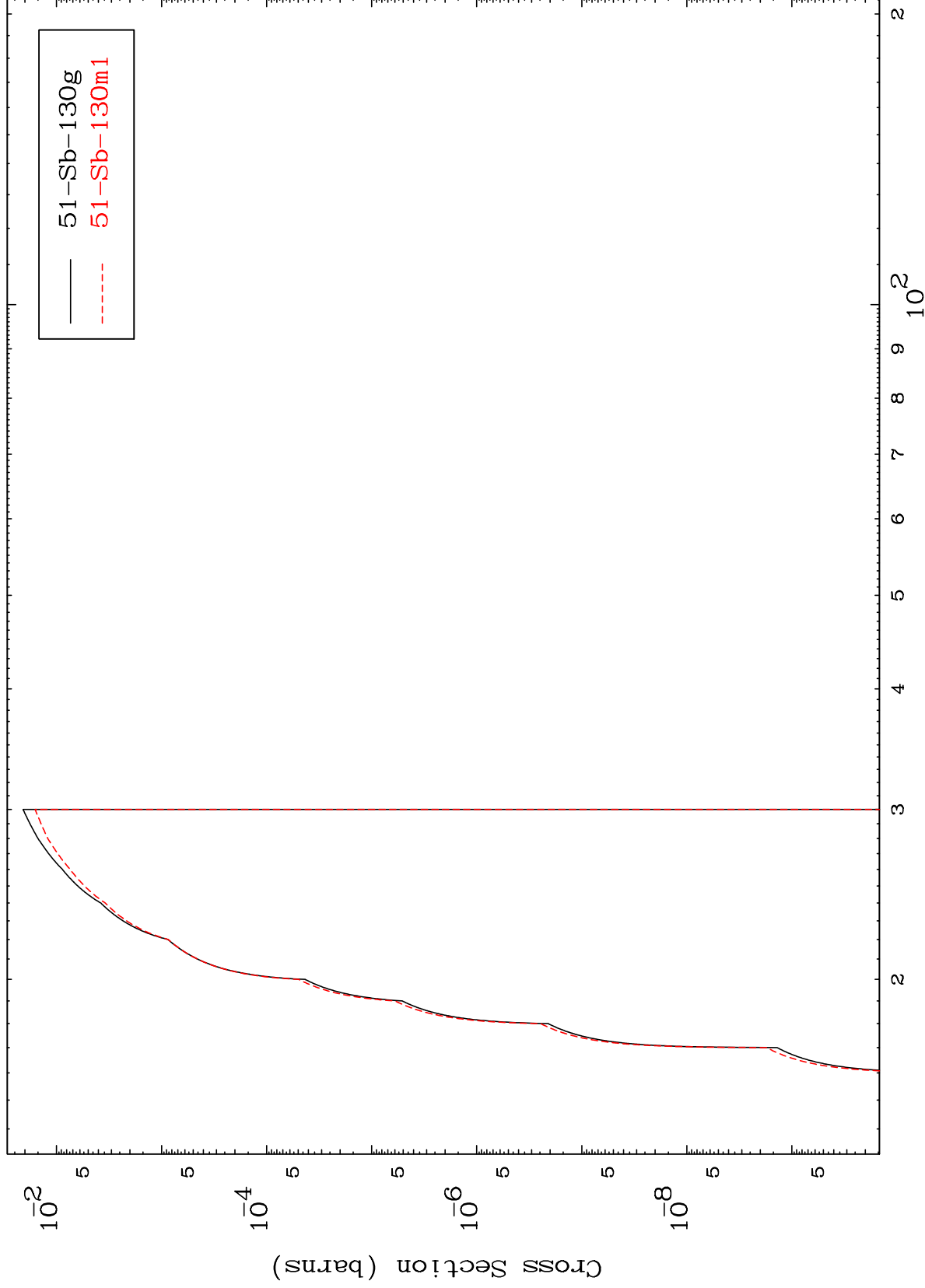
— 52-Te-133g
- - - 52-Te-133m2

51-Sb-132

Incident Energy (MeV)

12

Radionuclide Production Cross Section

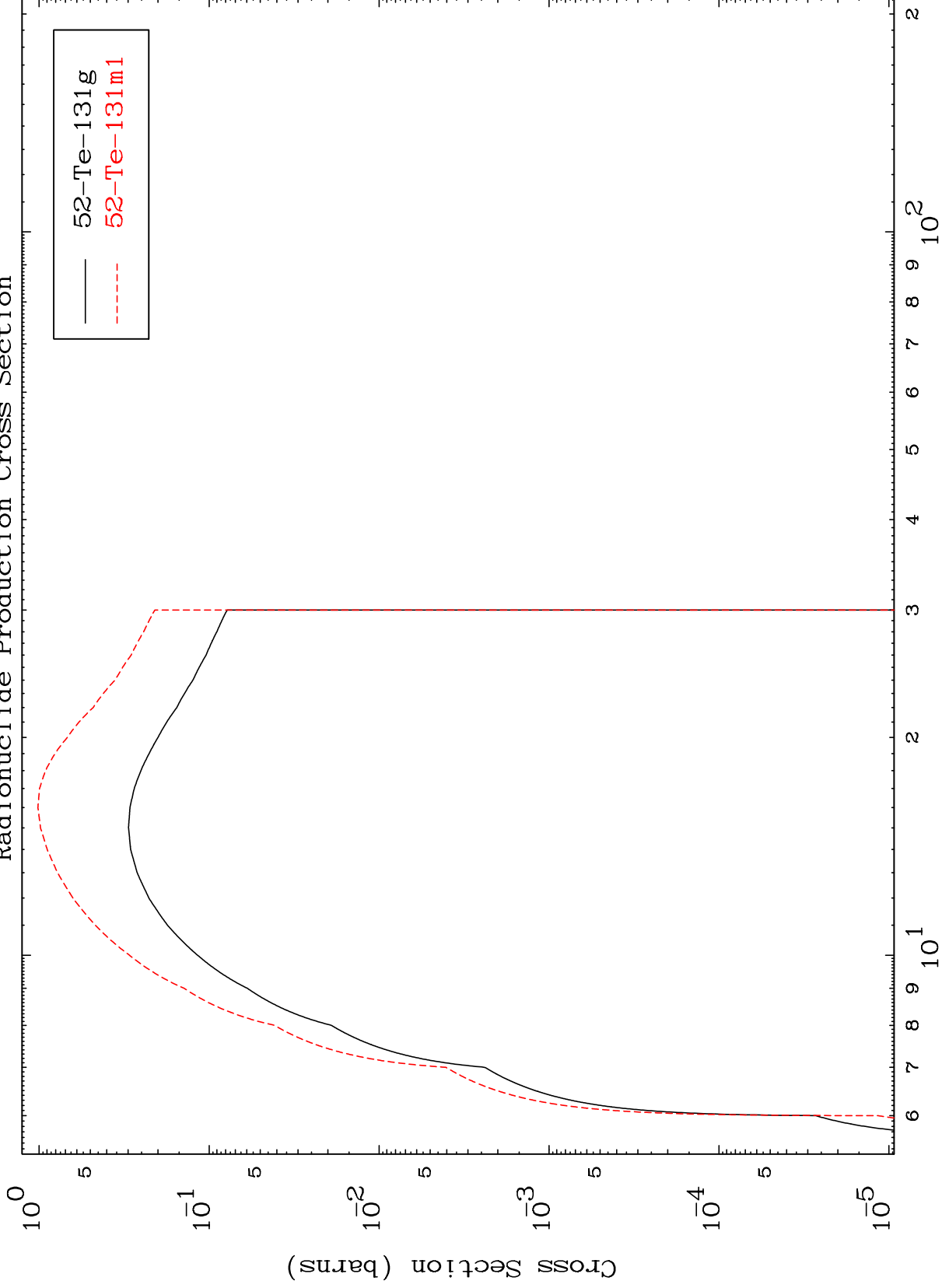


MAT 5158

(n,3n)

51-Sb-132

Radionuclide Production Cross Section



14

Incident Energy (MeV)

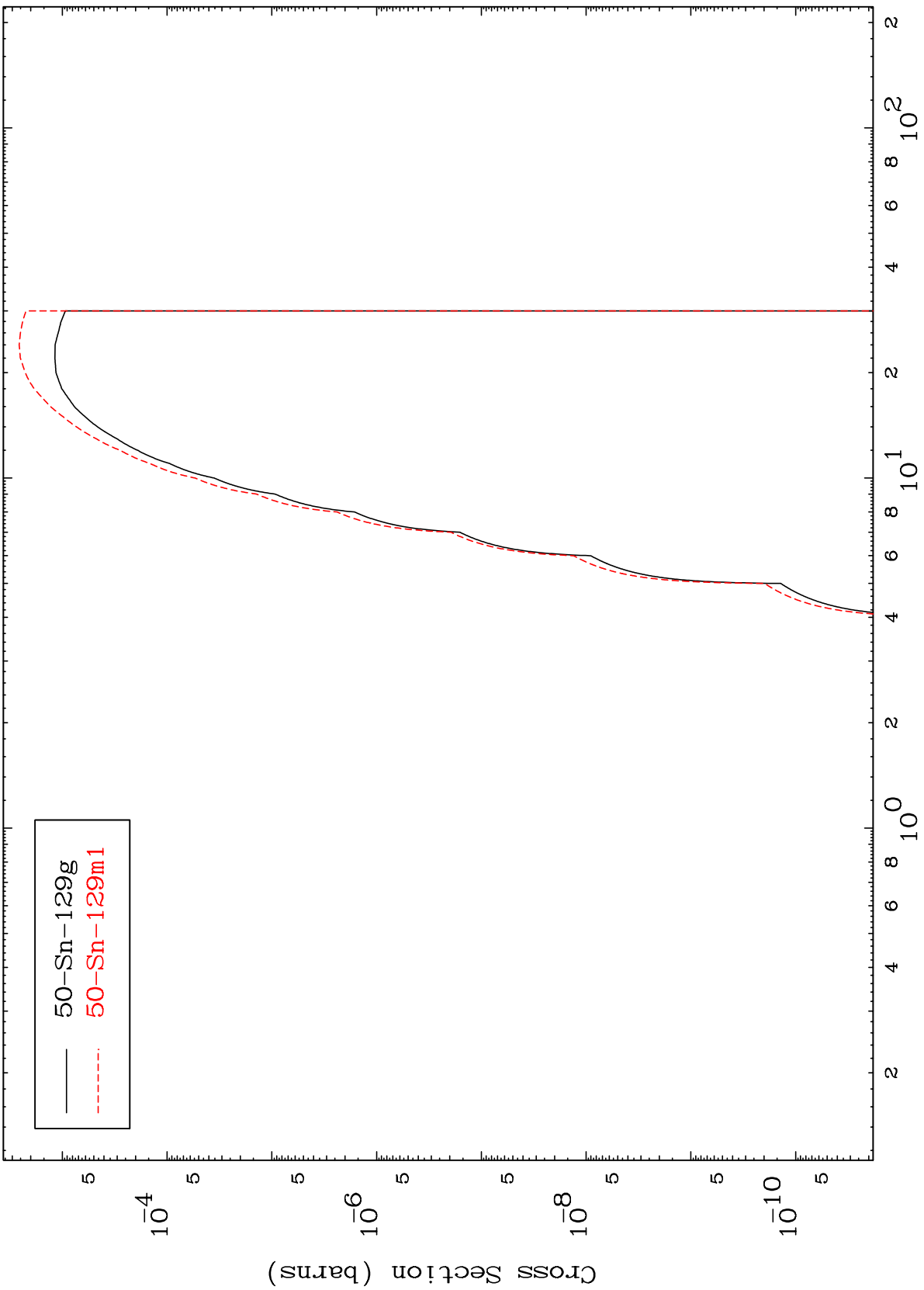
51-Sb-132

MAT 5158

(n,n') α

51-Sb-132

Radionuclide Production Cross Section



15

Incident Energy (MeV)

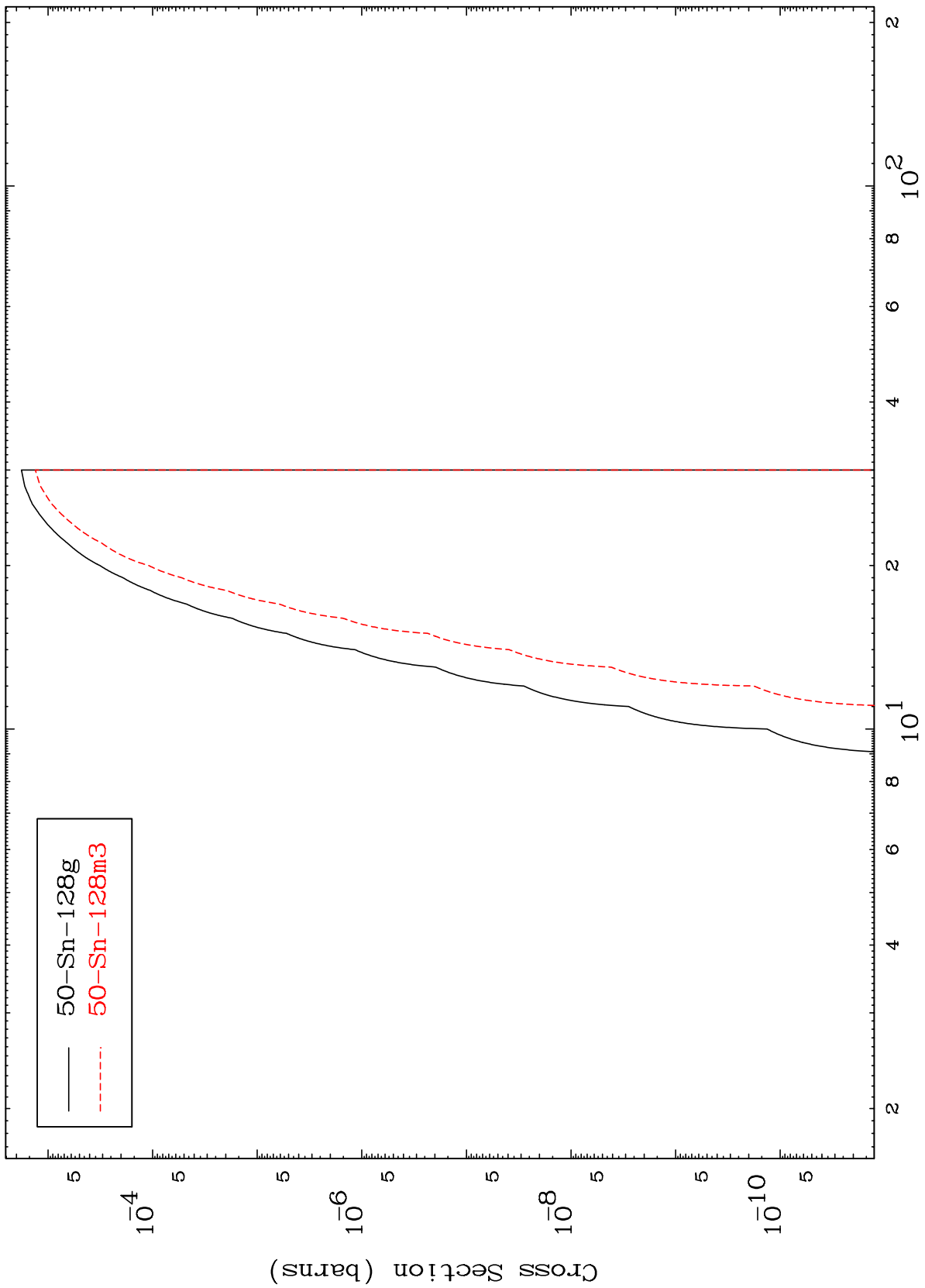
51-Sb-132

MAT 5158

(n,2n) α

51-Sb-132

Radionuclide Production Cross Section



16

Incident Energy (MeV)

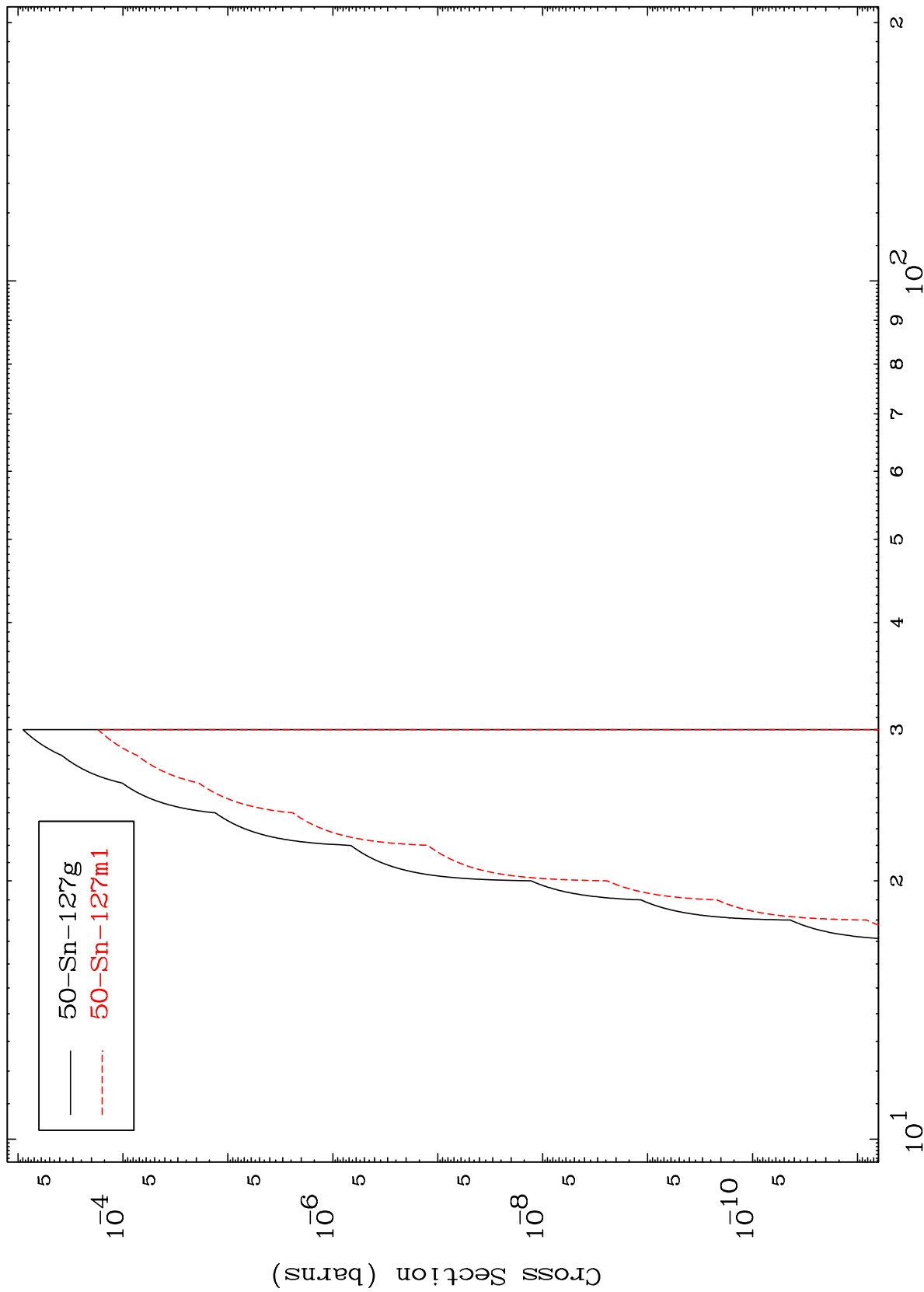
51-Sb-132

MAT 5158

(n,3n) α

51-Sb-132

Radionuclide Production Cross Section



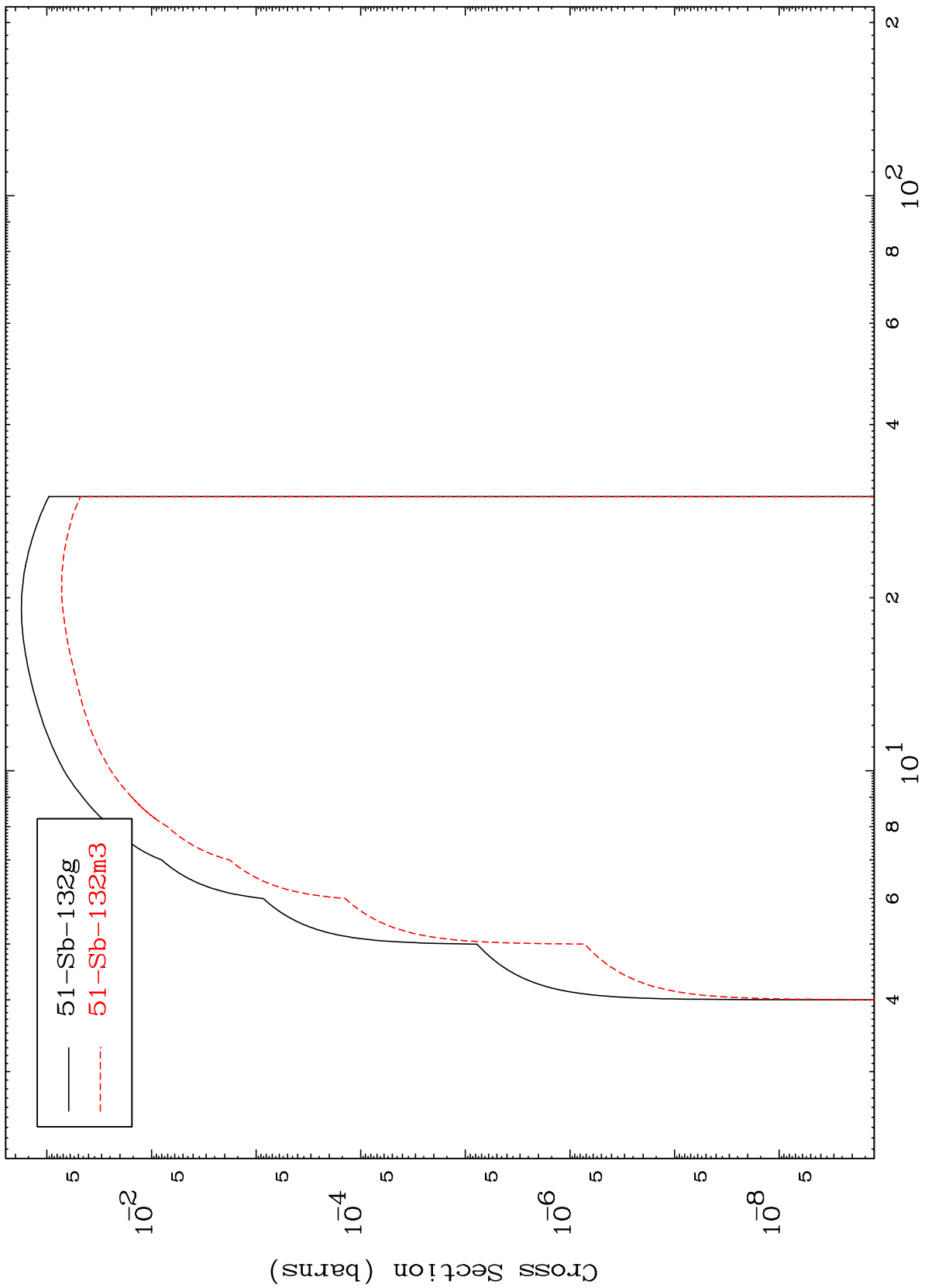
Incident Energy (MeV)

51-Sb-132

MAT 5158

51-Sb-132

(n,n') p
Radionuclide Production Cross Section



18

51-Sb-132

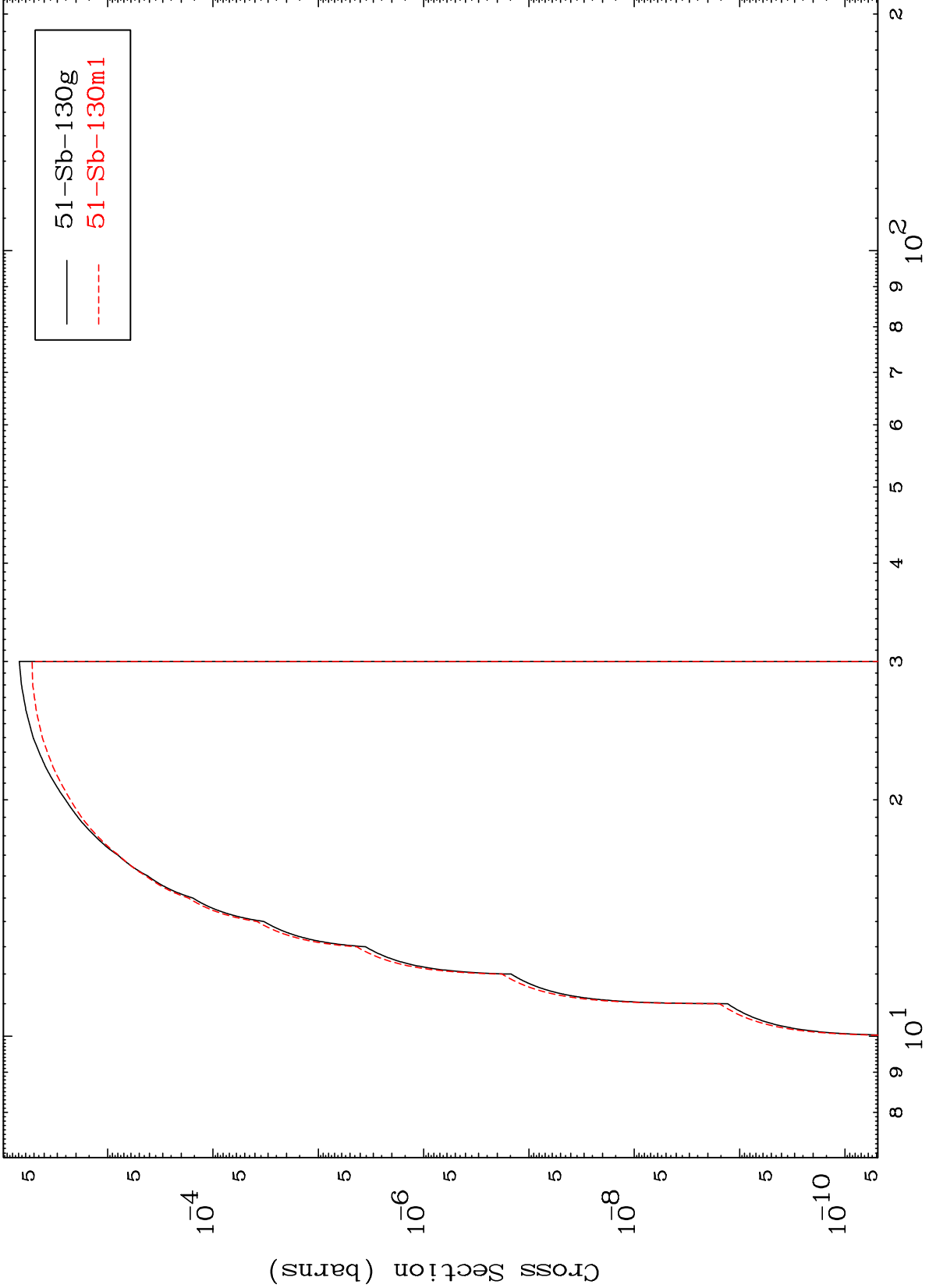
Incident Energy (MeV)

MAT 5158

(n,n') t

51-Sb-132

Radionuclide Production Cross Section



19

Incident Energy (MeV)

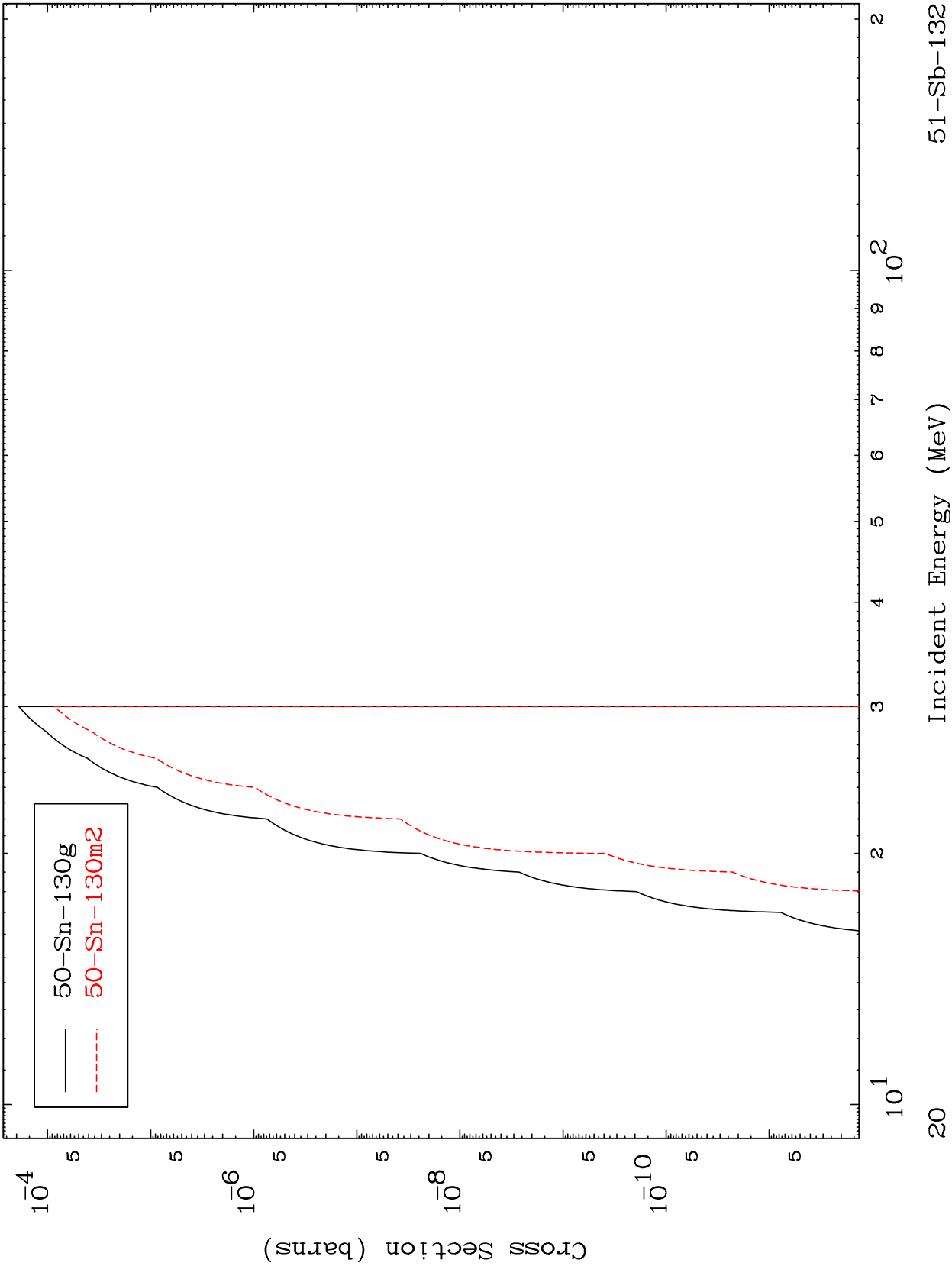
51-Sb-132

MAT 5158

(n,n') He-3

51-Sb-132

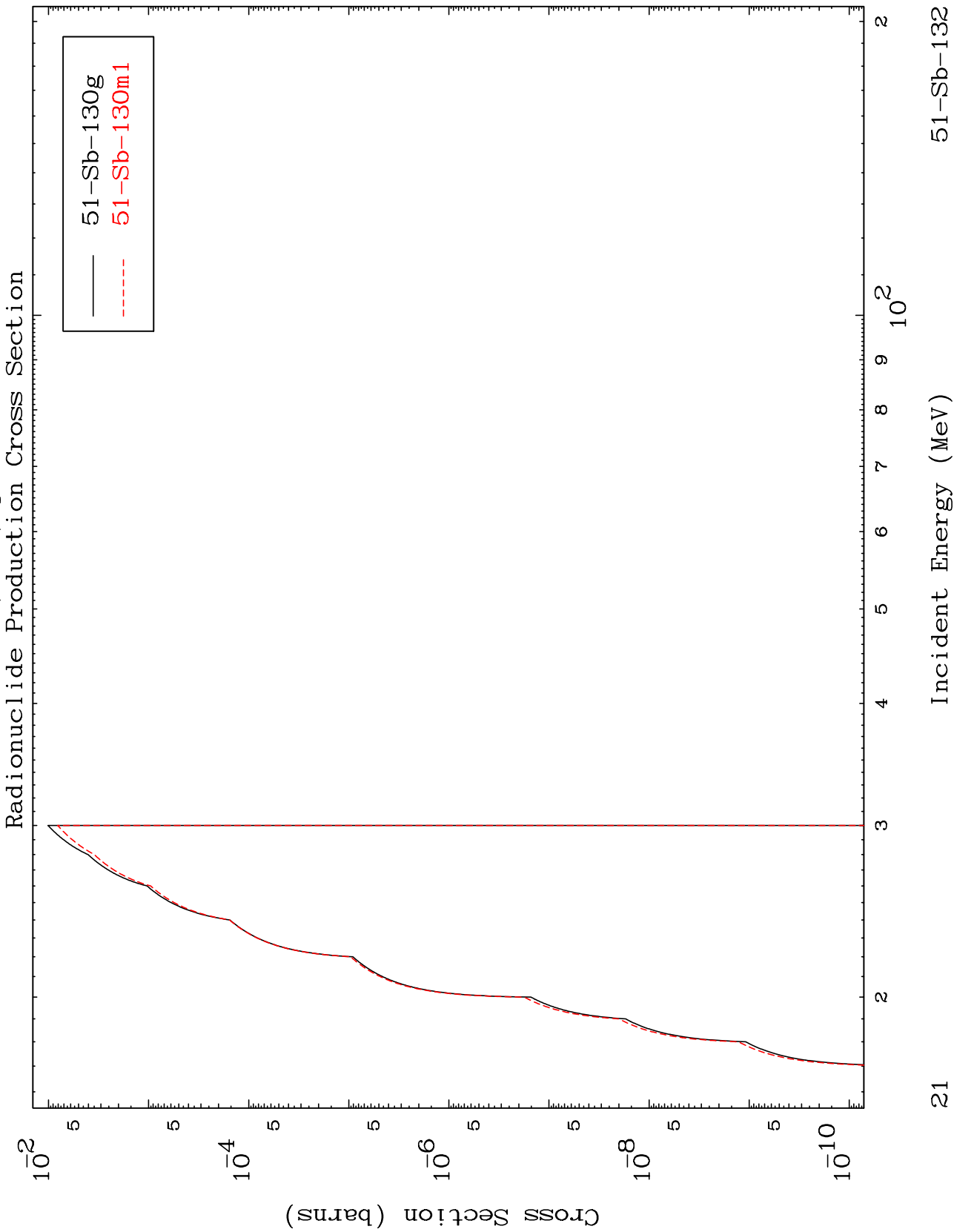
Radionuclide Production Cross Section



MAT 5158

(n,3n) p

51-Sb-132

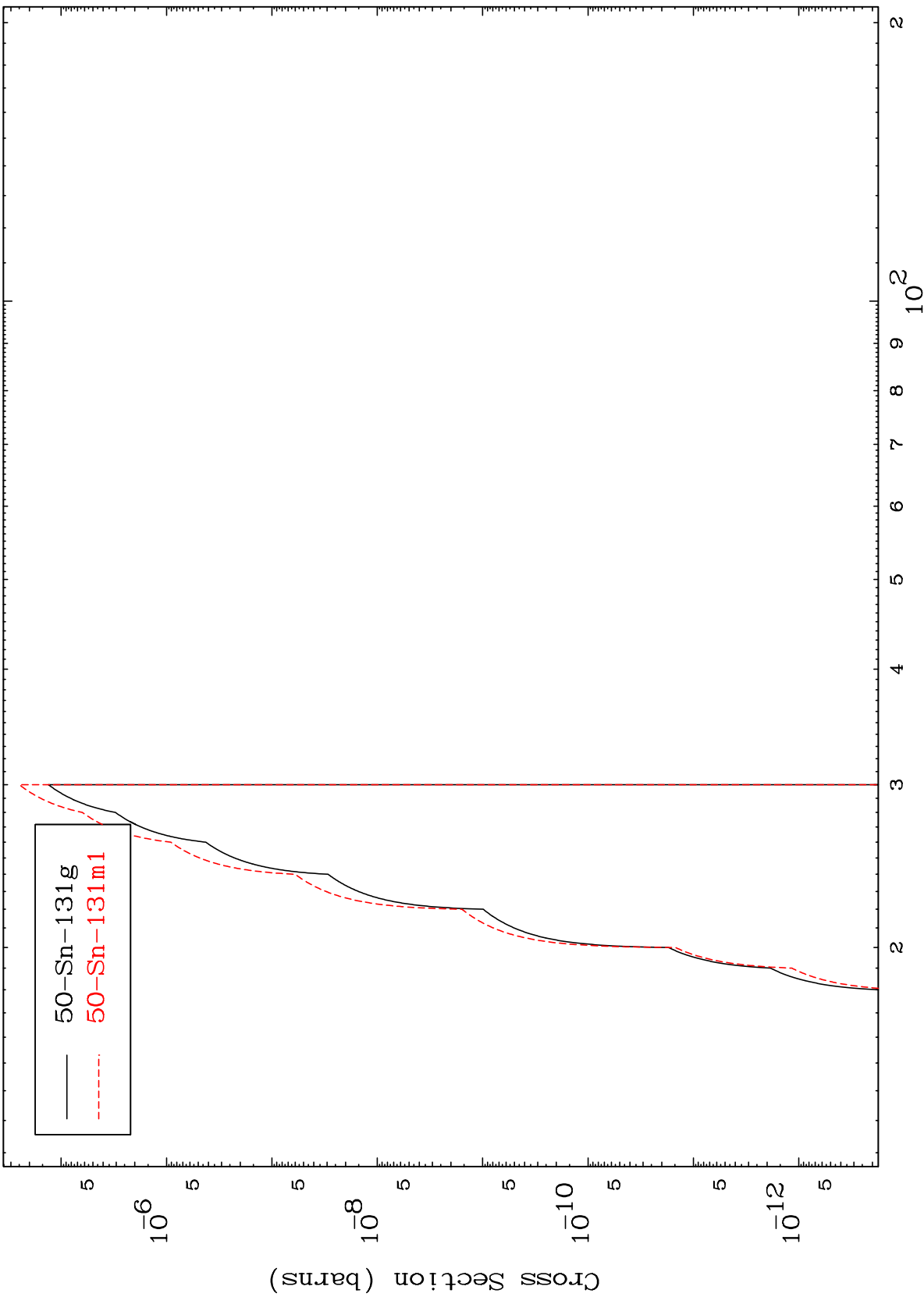


MAT 5158

(n,2n) p

51-Sb-132

Radionuclide Production Cross Section



Incident Energy (MeV)

51-Sb-132

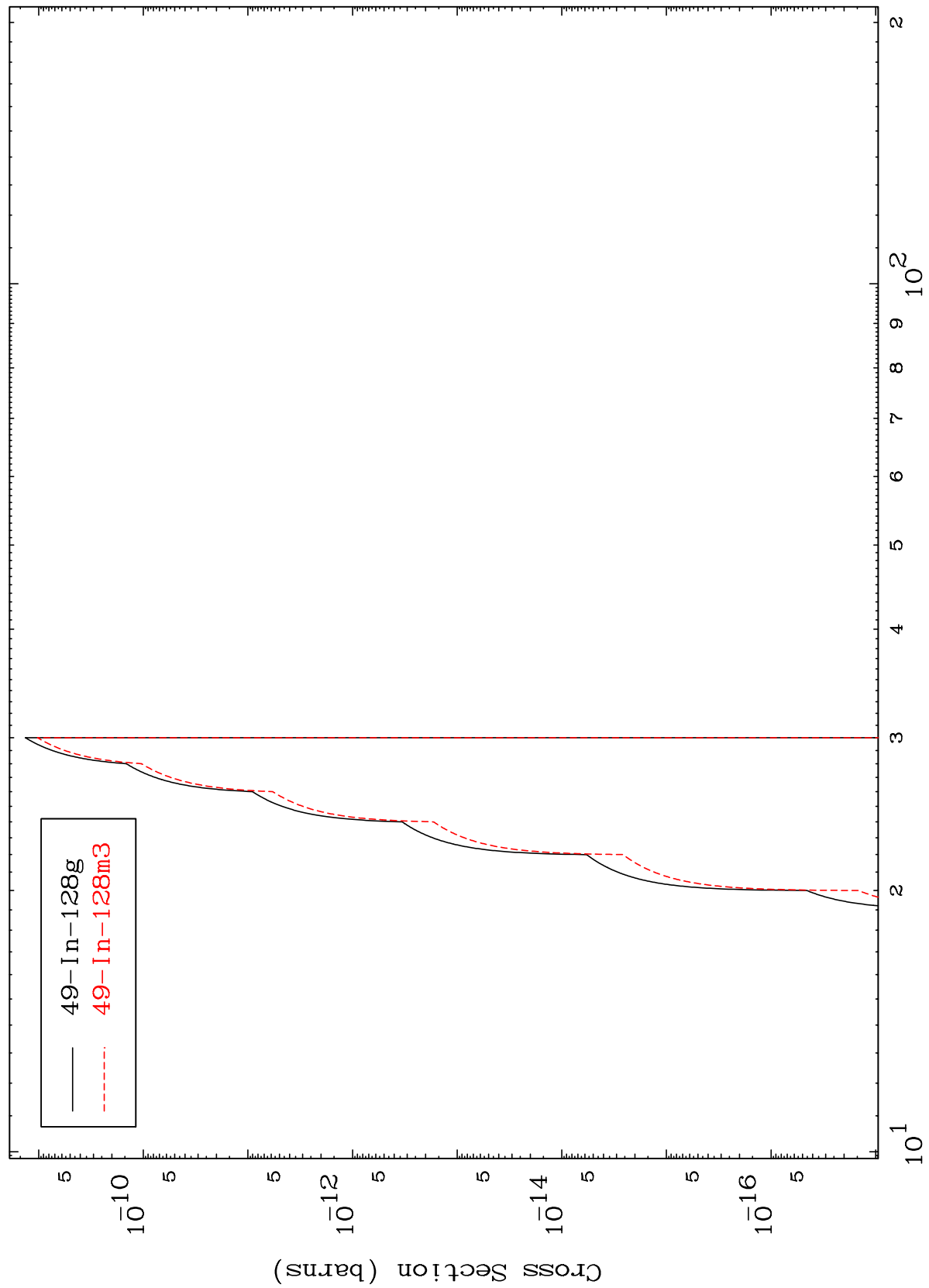
22

MAT 5158

(n,n') p α

51-Sb-132

Radionuclide Production Cross Section



49-In-128g
49-In-128m3

Incident Energy (MeV)

51-Sb-132

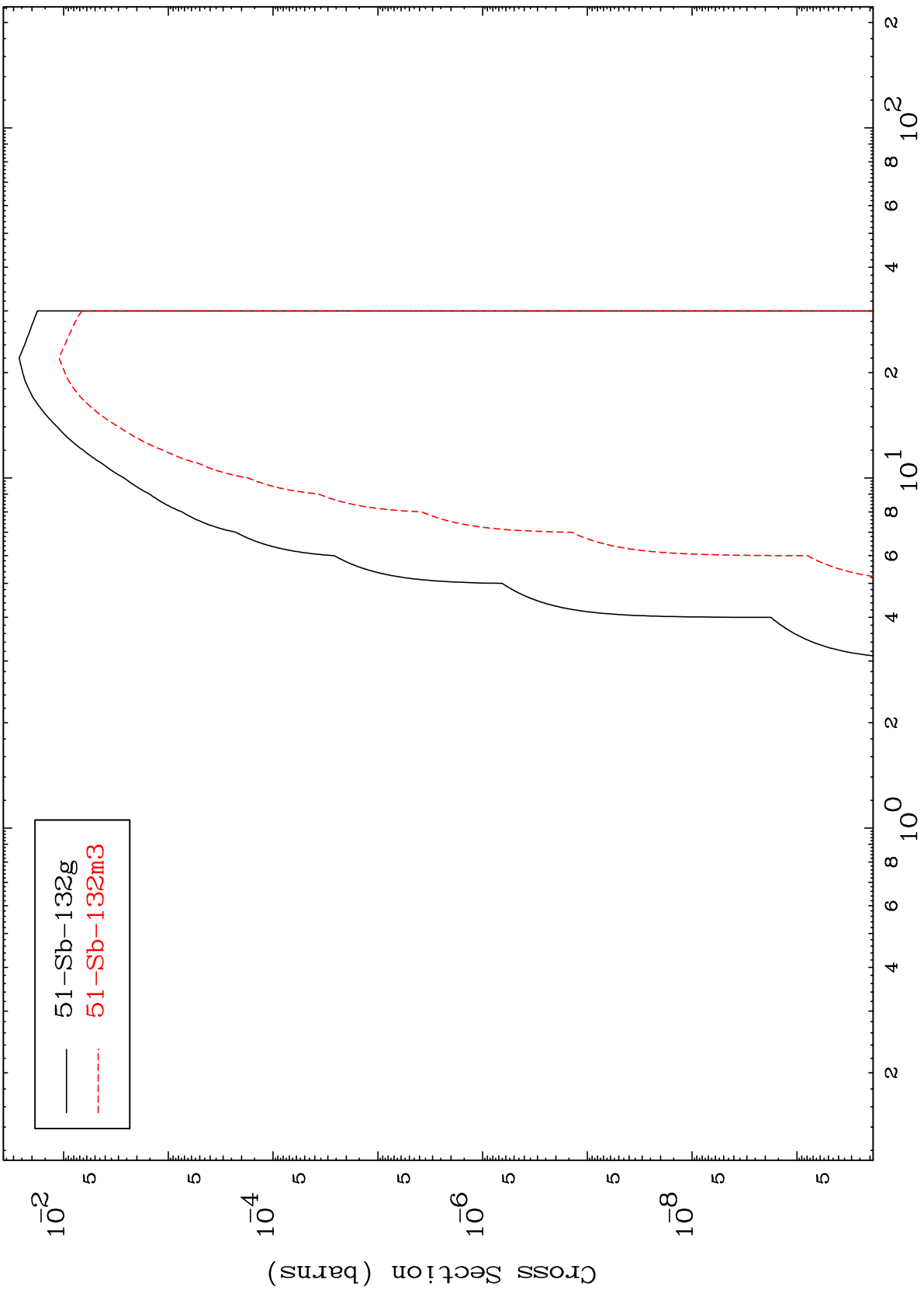
23

MAT 5158

(n,d)

51-Sb-132

Radionuclide Production Cross Section



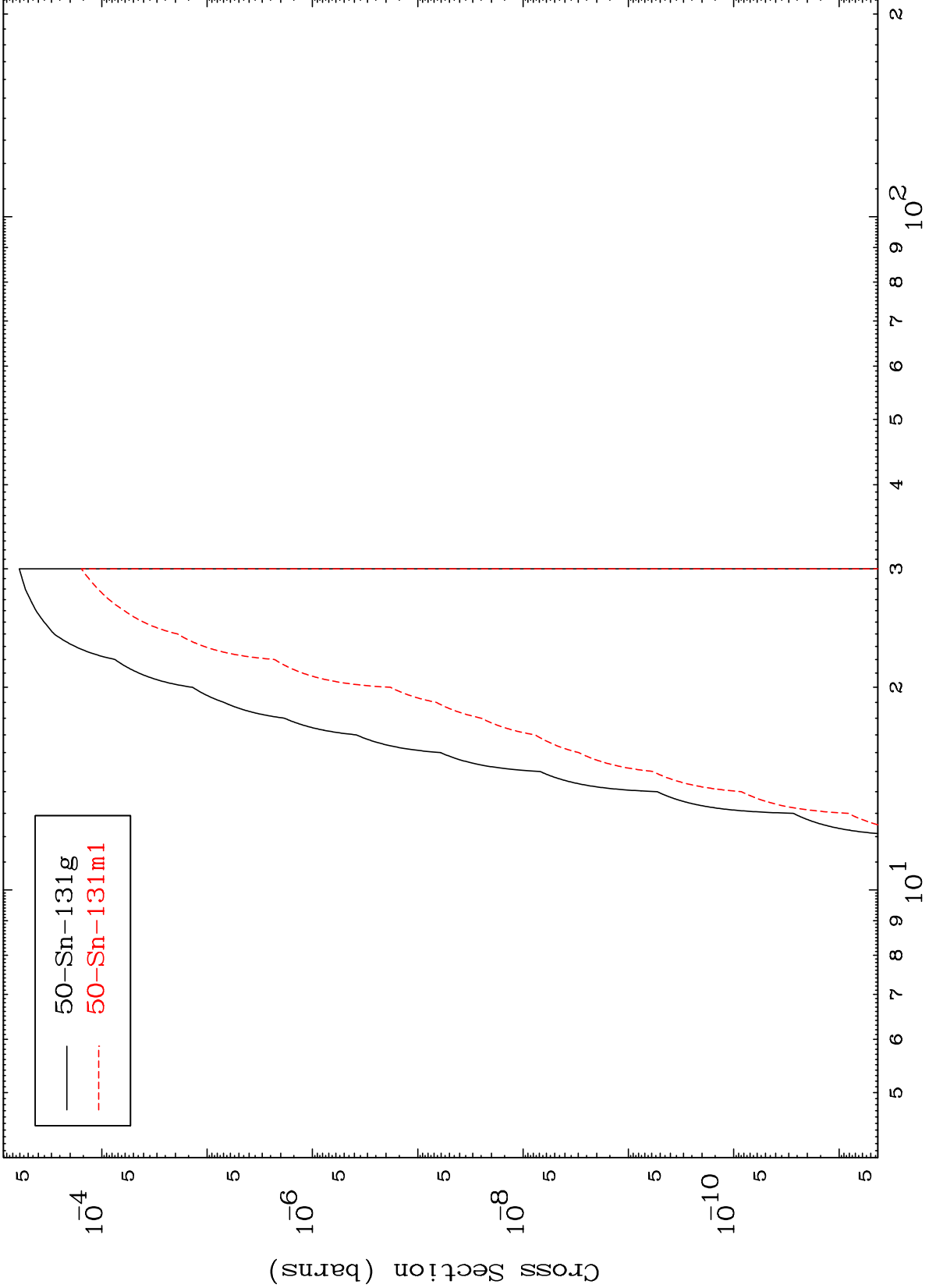
51-Sb-132g
51-Sb-132m3

MAT 5158

(n,He-3)

51-Sb-132

Radionuclide Production Cross Section



25

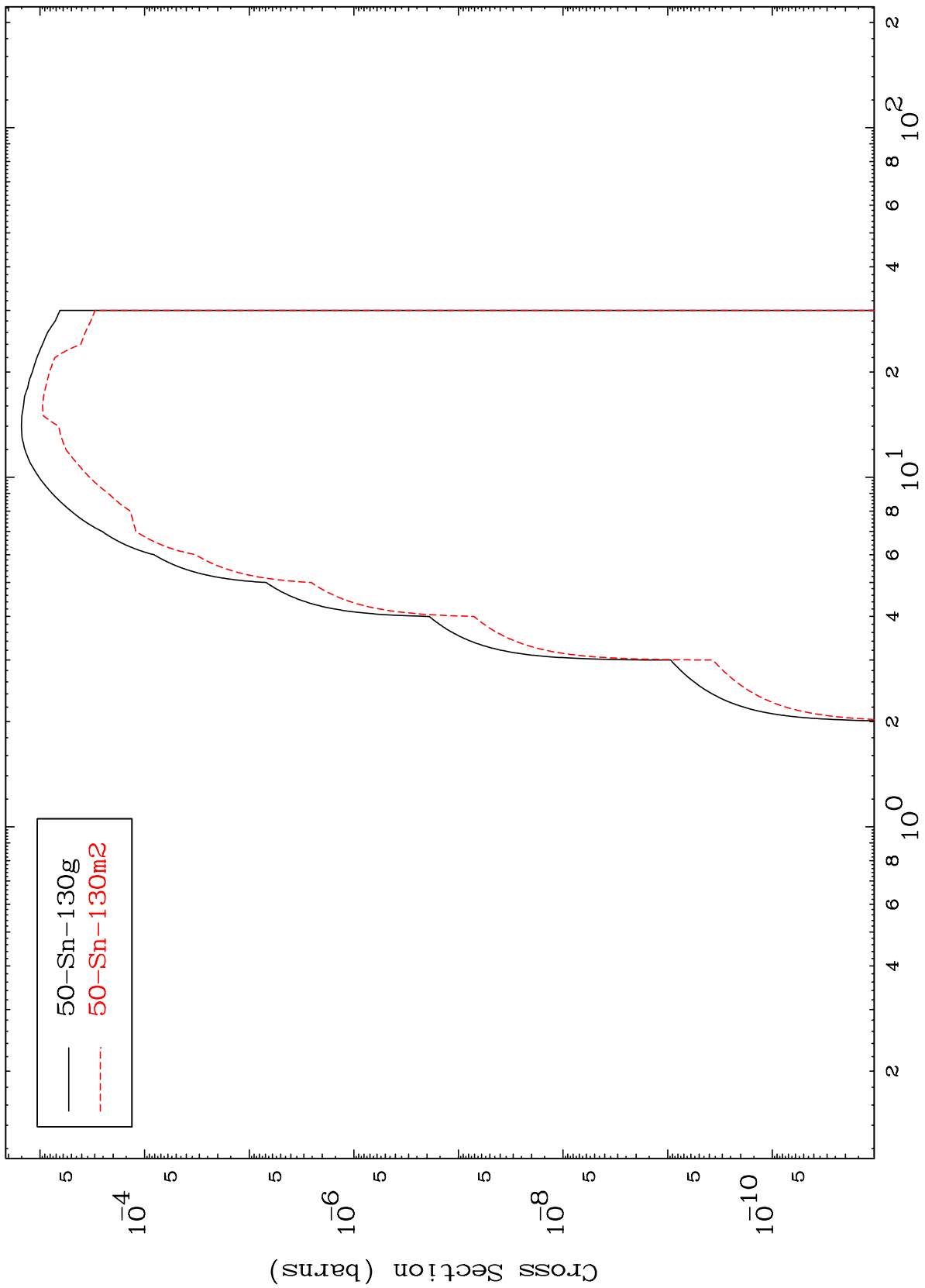
Incident Energy (MeV)

51-Sb-132

MAT 5158

51-Sb-132

(n, α)
Radionuclide Production Cross Section



51-Sb-132

Incident Energy (MeV)

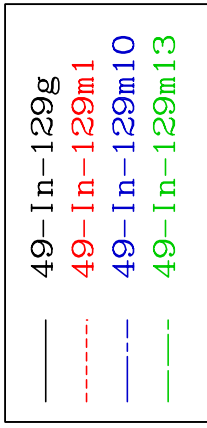
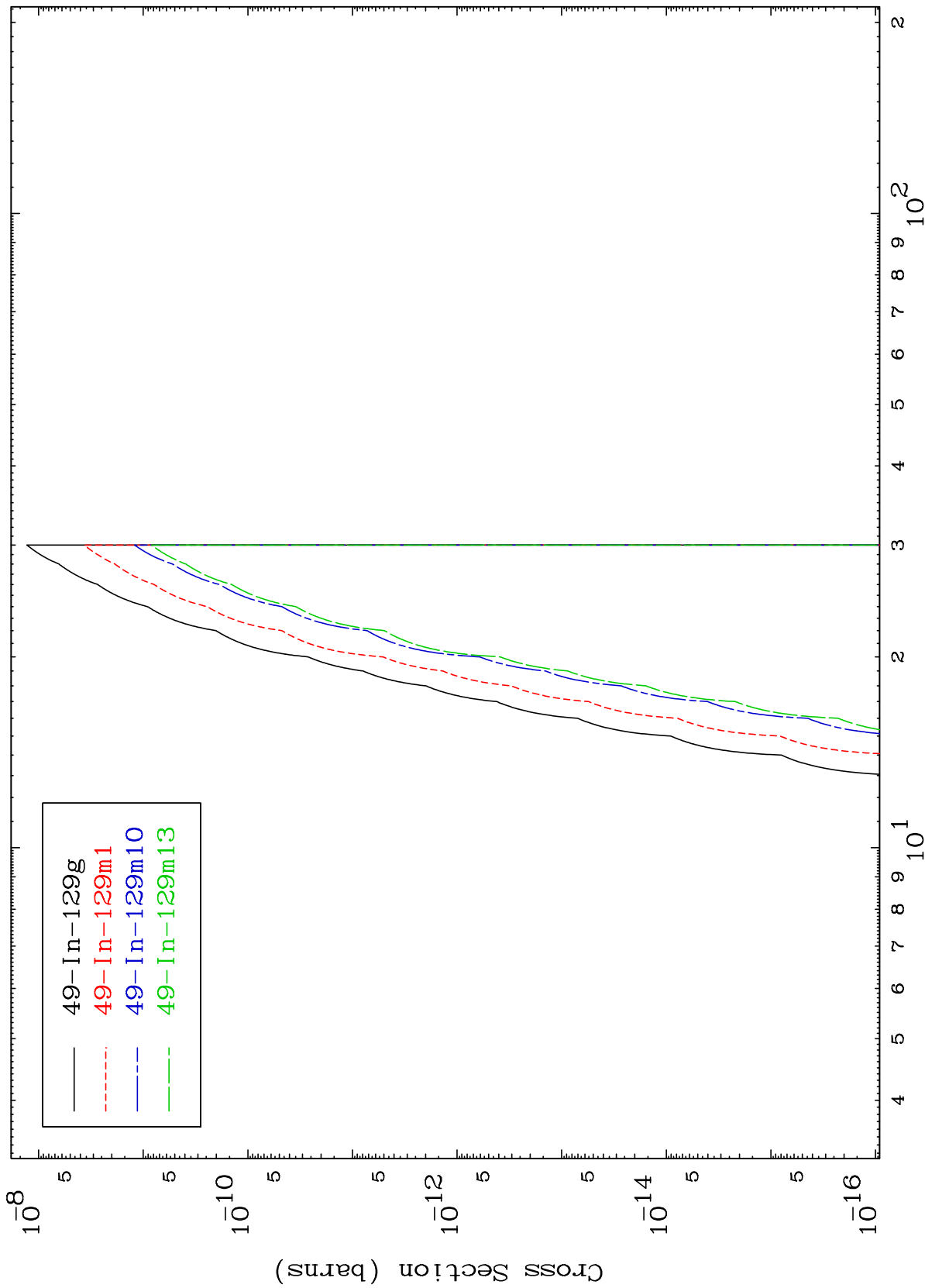
26

MAT 5158

(n,p) α

51-Sb-132

Radionuclide Production Cross Section

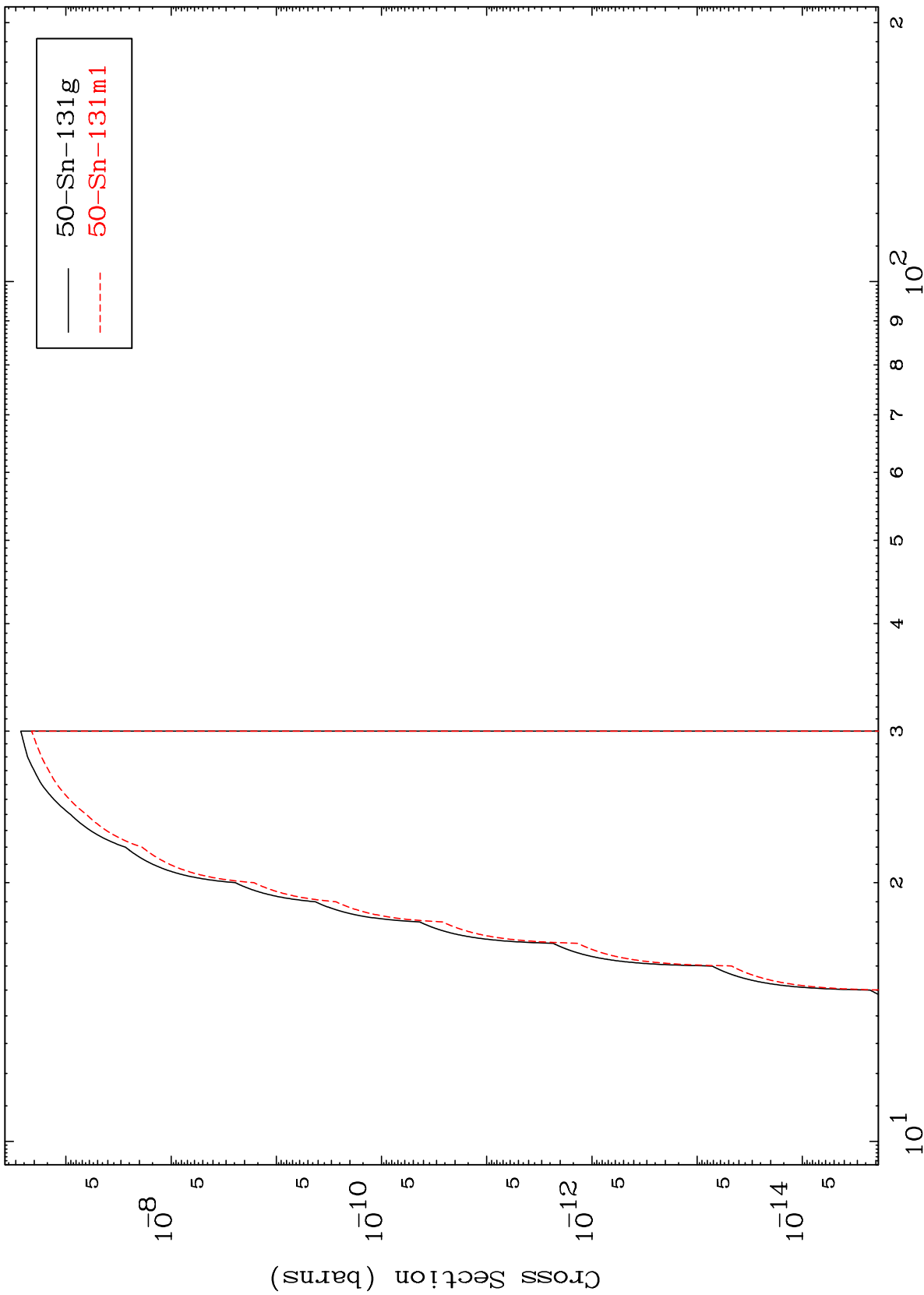


MAT 5158

(n,p) d

51-Sb-132

Radionuclide Production Cross Section



28

Incident Energy (MeV)

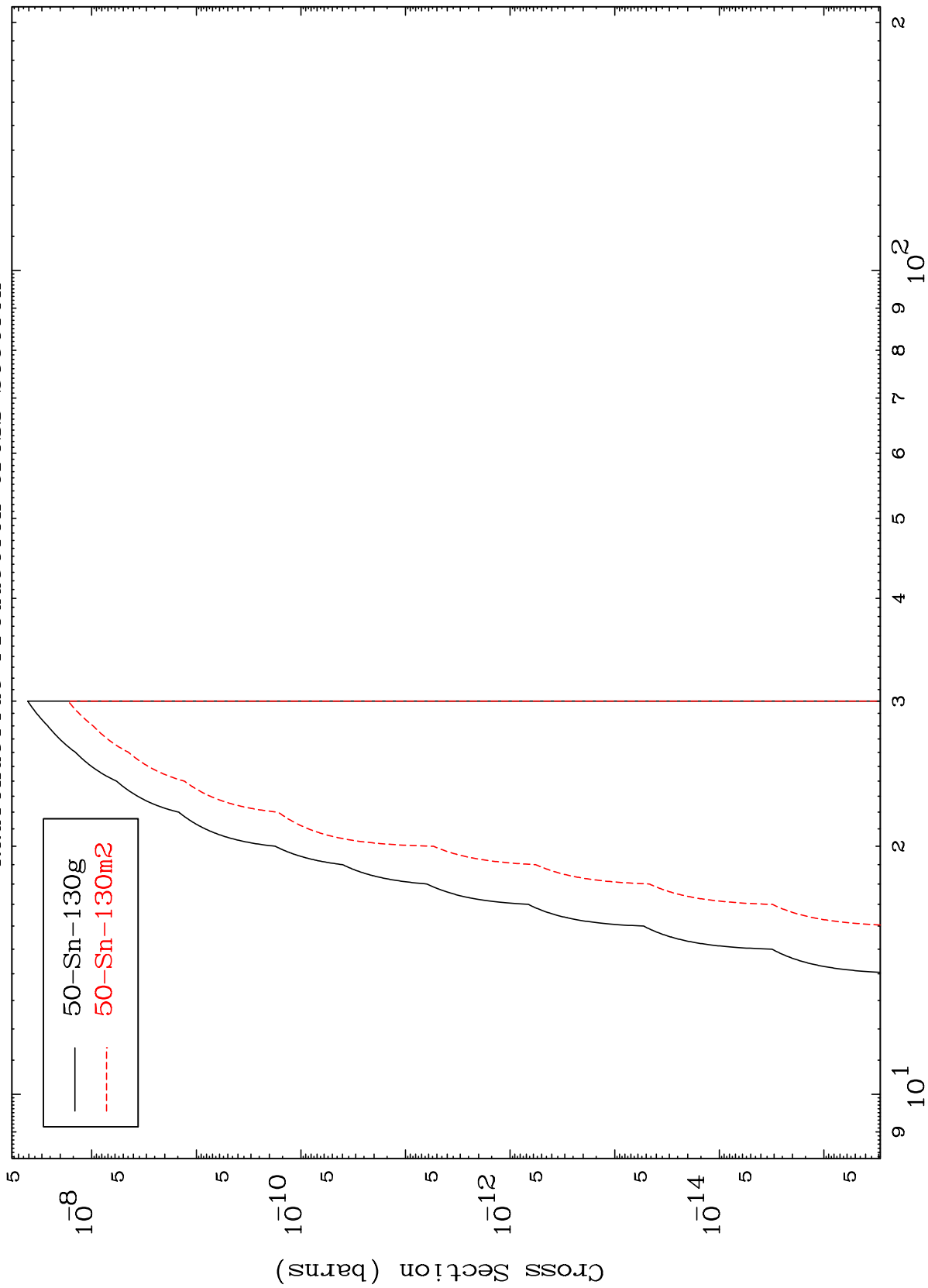
51-Sb-132

MAT 5158

(n,p) t

51-Sb-132

Radionuclide Production Cross Section



50-Sn-130g
50-Sn-130m2

29

Incident Energy (MeV)

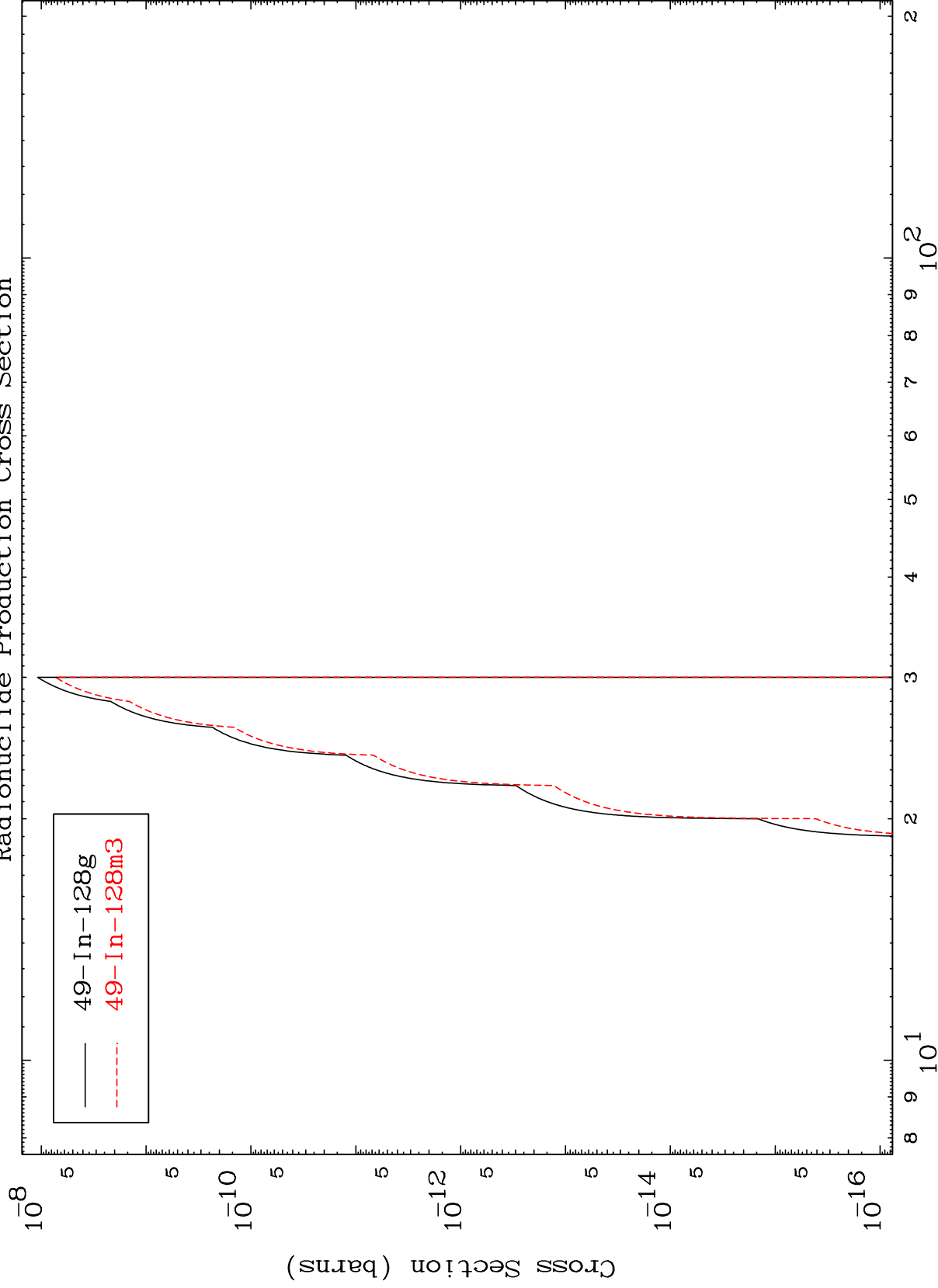
51-Sb-132

MAT 5158

(n,d) α

51-Sb-132

Radionuclide Production Cross Section



30

Incident Energy (MeV)

51-Sb-132