

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

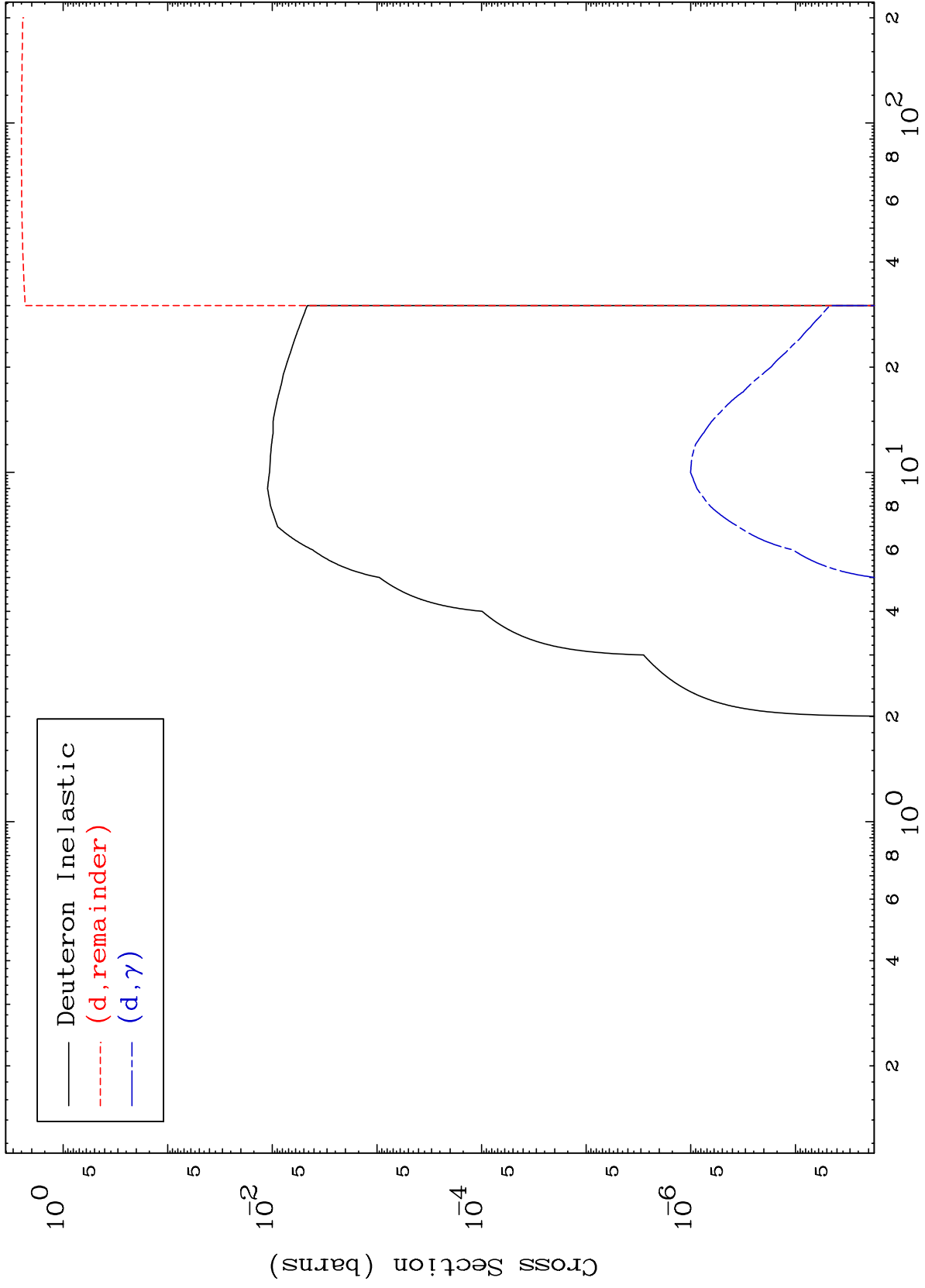
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

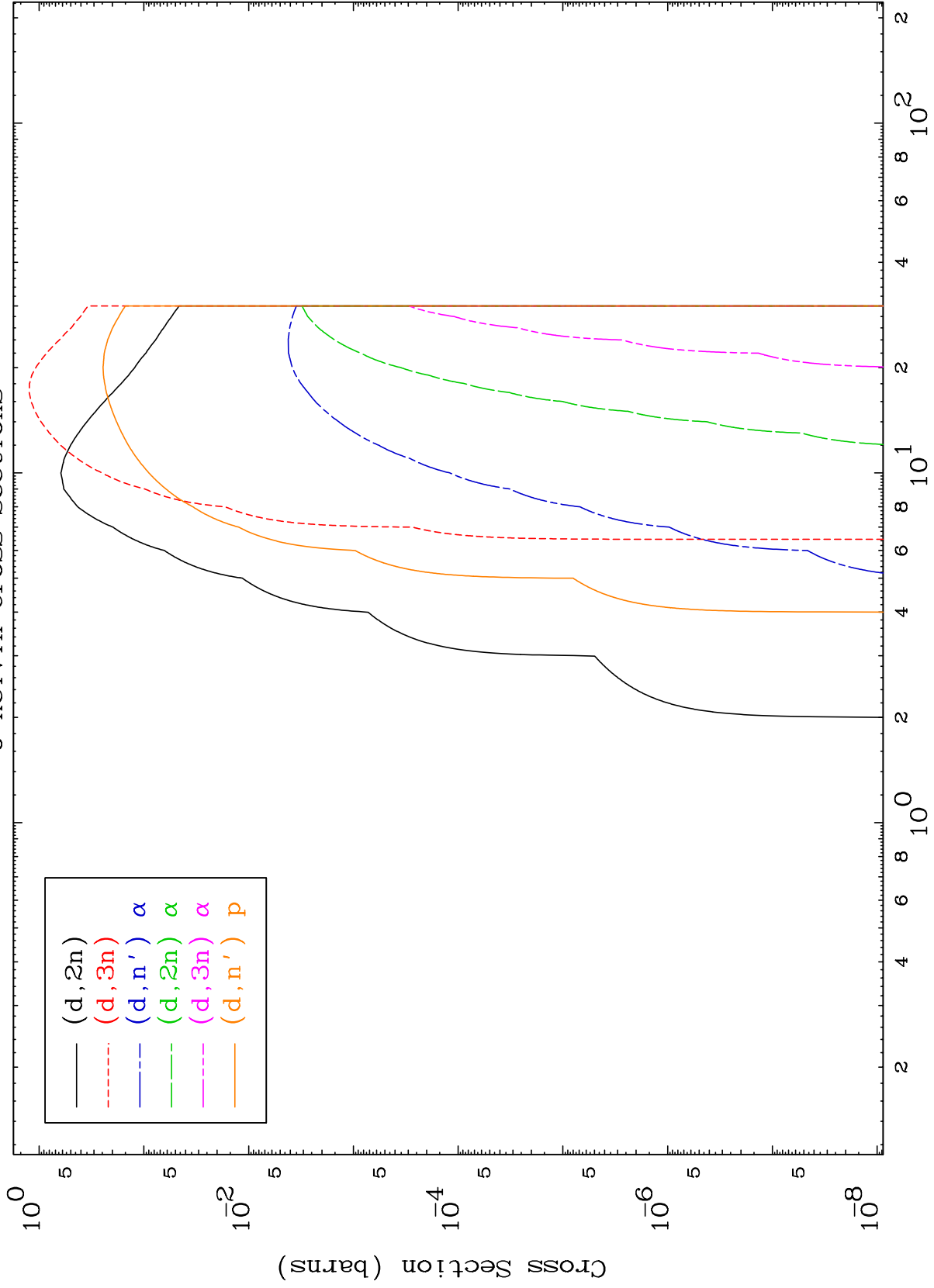
Tele: 925-443-1911

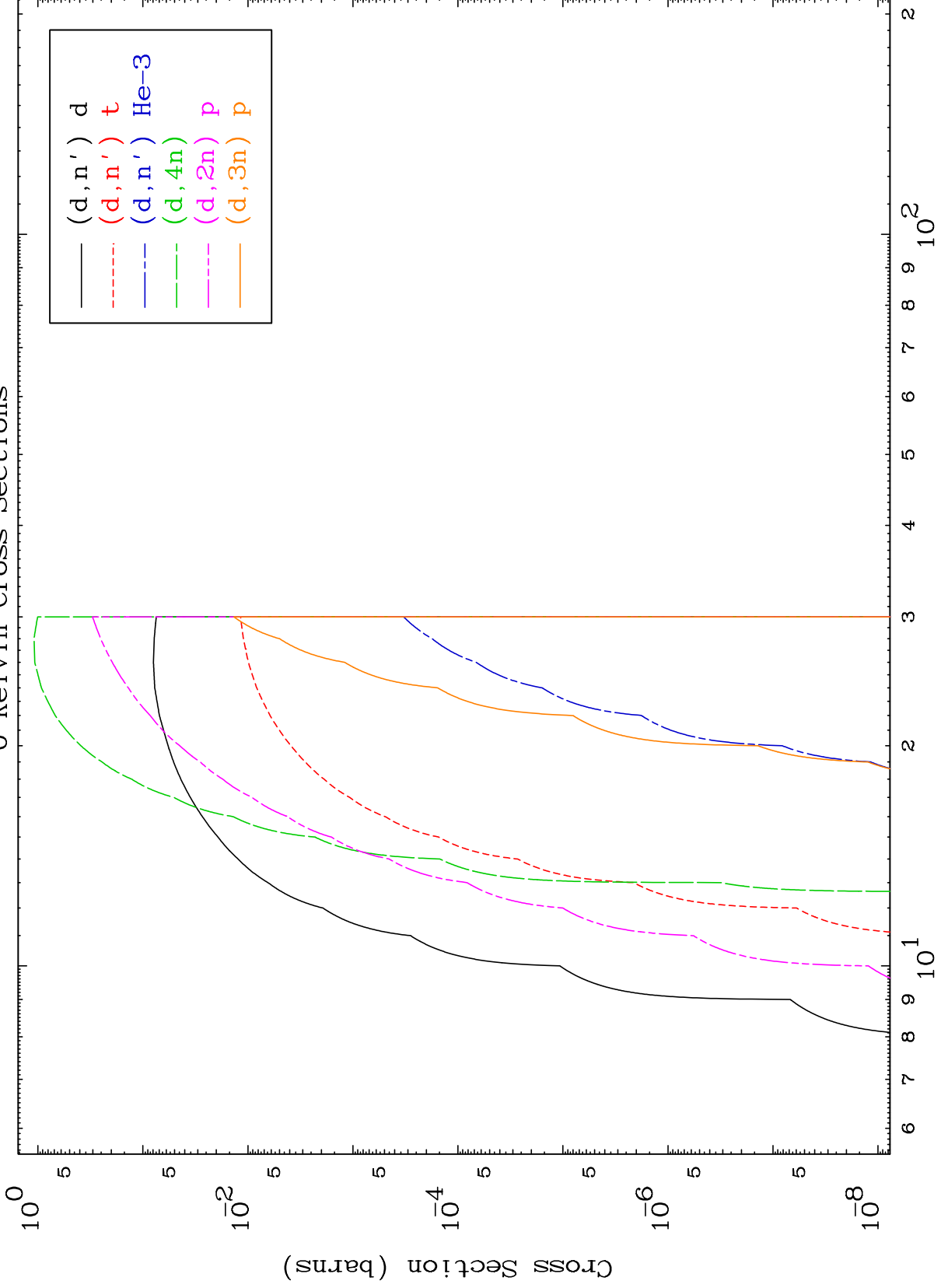
E.Mail:redcullen1@comcast.net

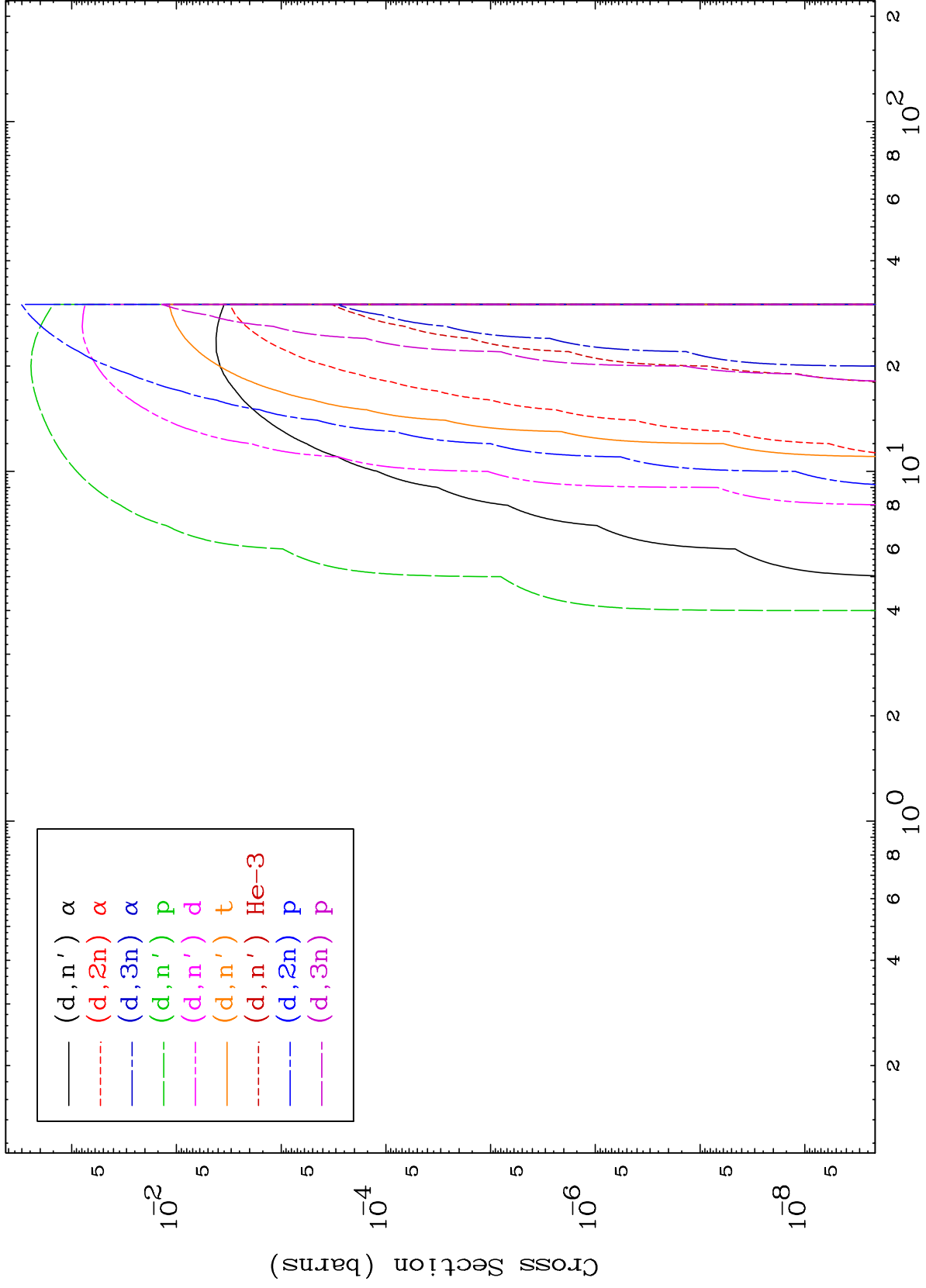
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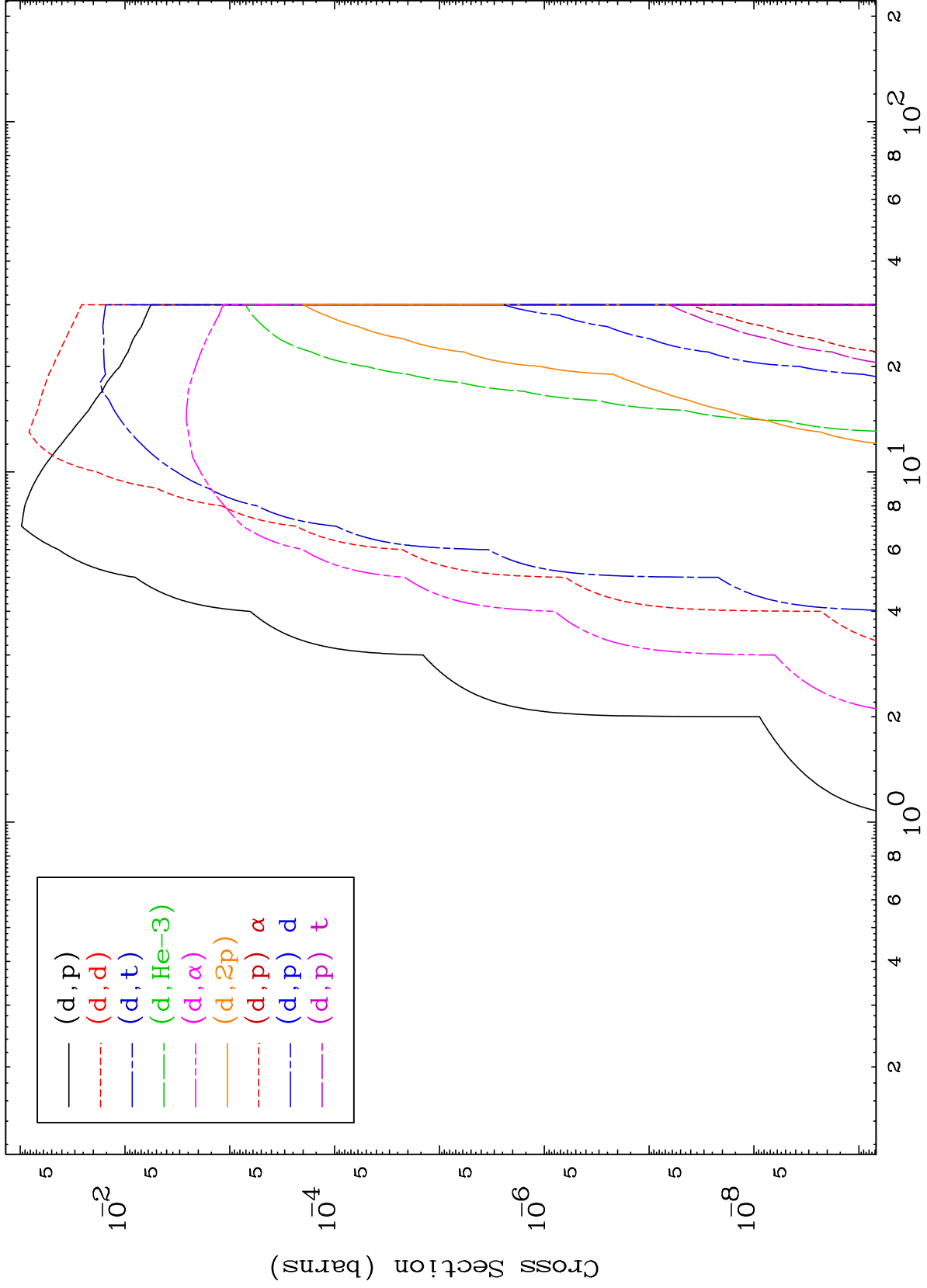
Press Mouse Button to Start









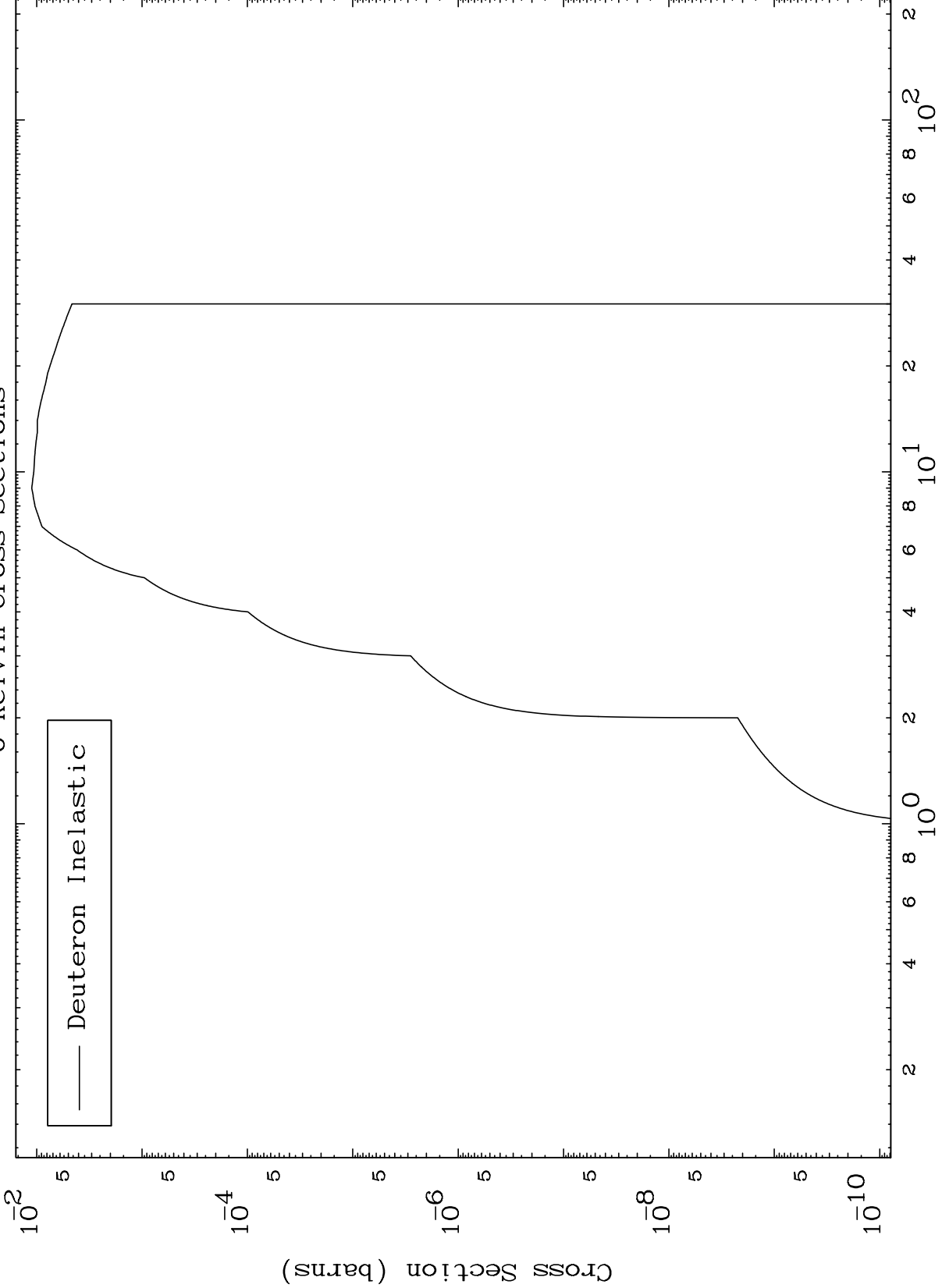


MAT 5152

(d,n') Level

51-Sb-130

0 Kelvin Cross Sections

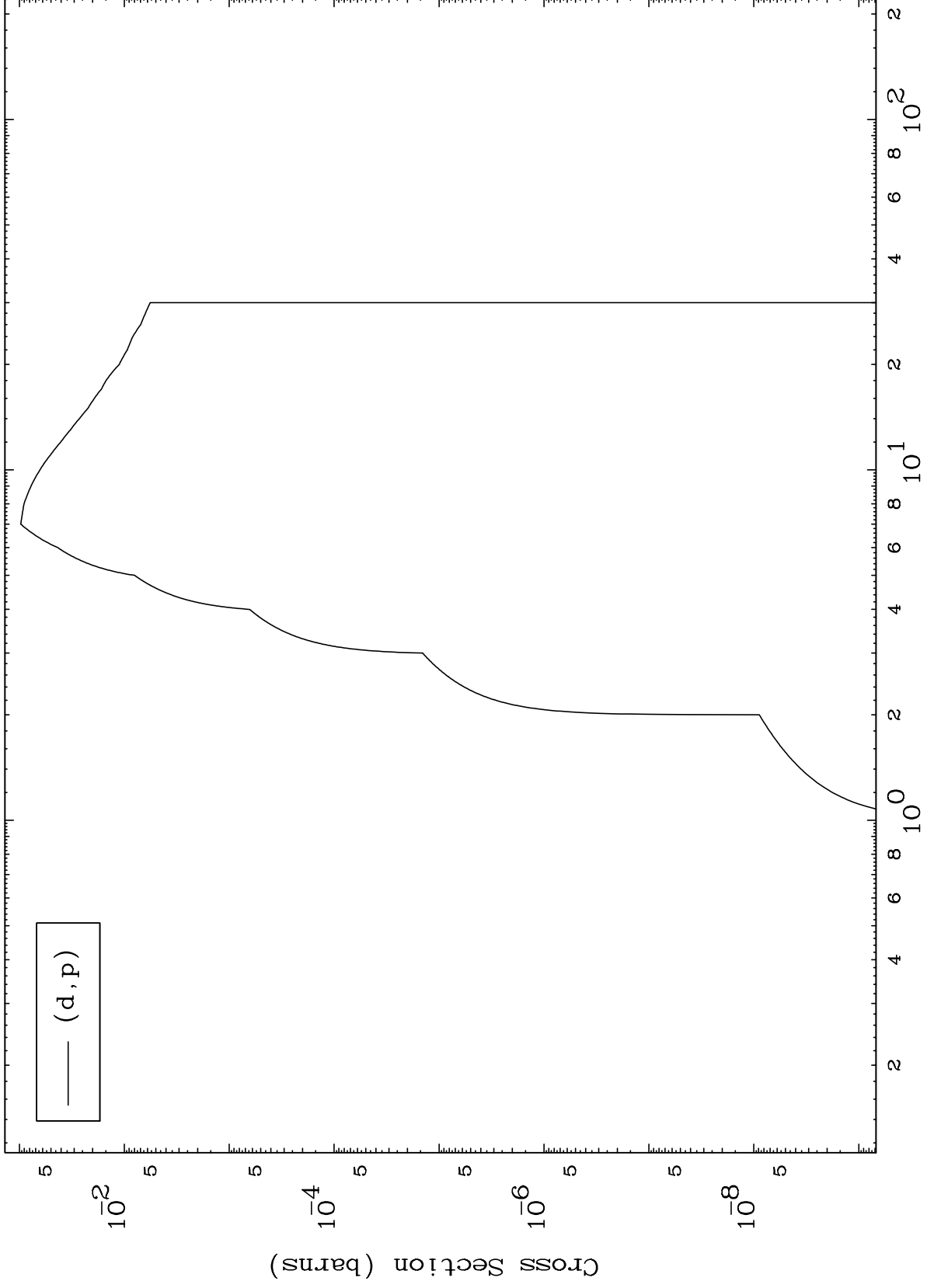


— Deuteron Inelastic

MAT 5152

(d,p) Levels  
0 Kelvin Cross Sections

51-Sb-130

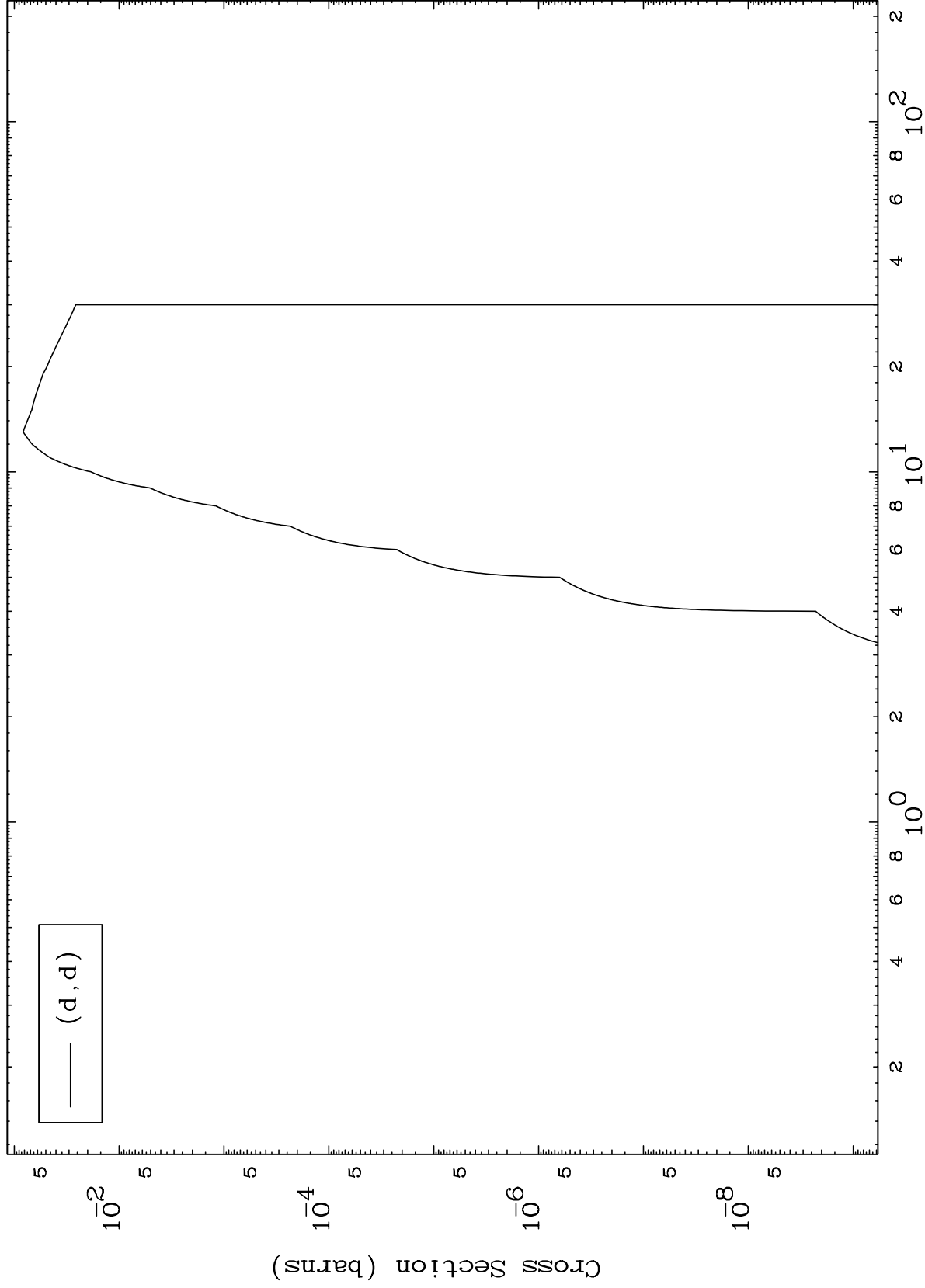


MAT 5152

(d,d) Levels

51-Sb-130

0 Kelvin Cross Sections

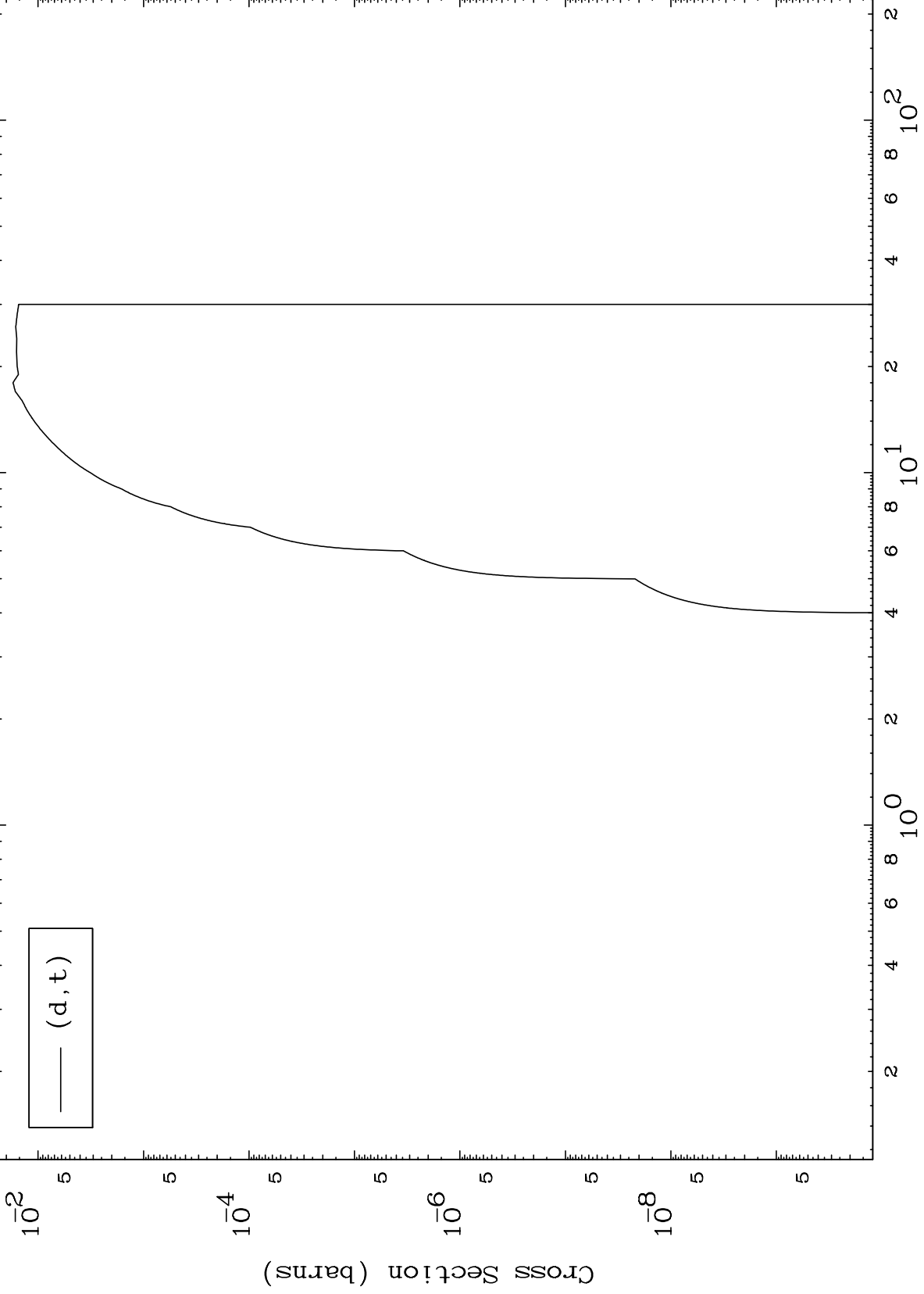


MAT 5152

(d, t) Levels

51-Sb-130

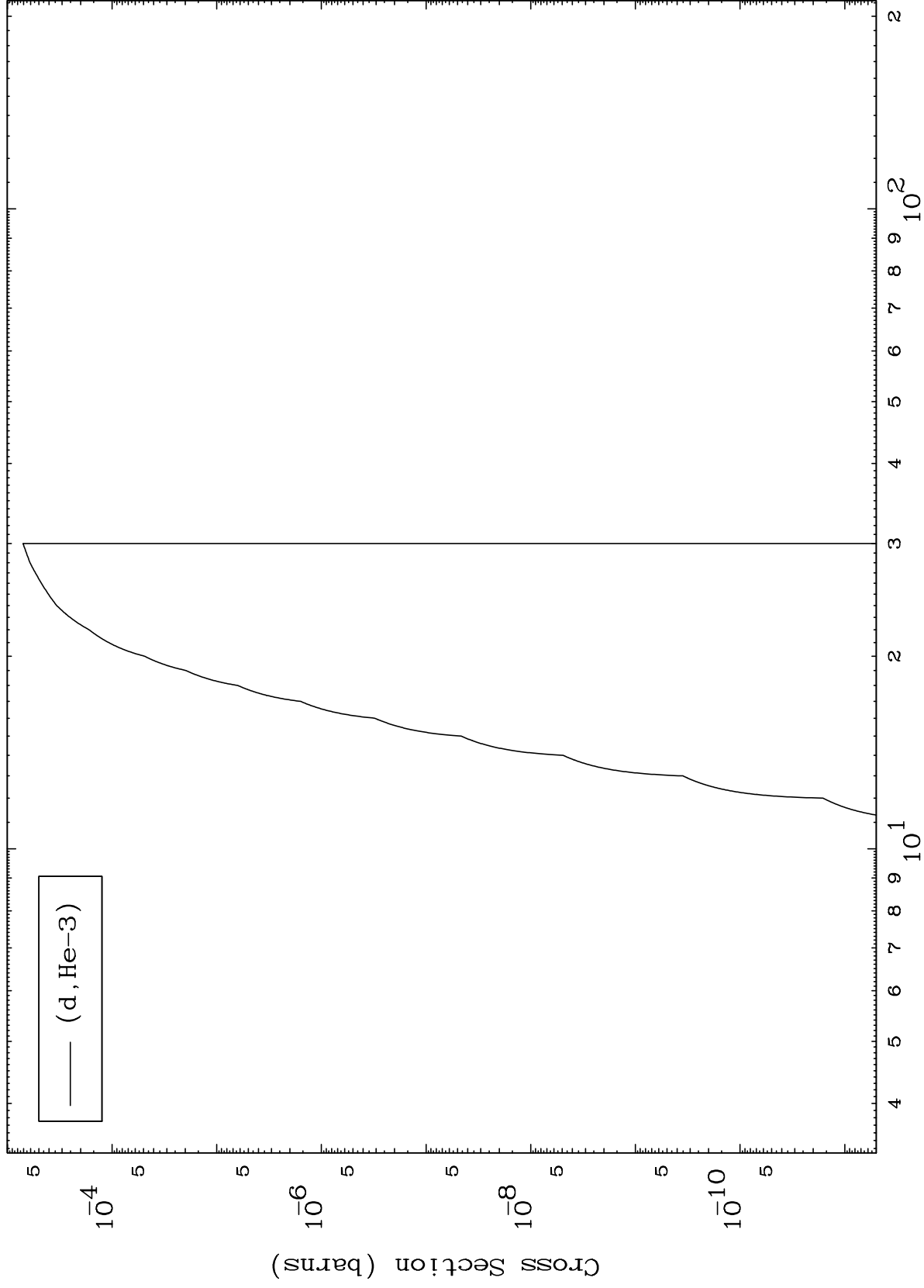
0 Kelvin Cross Sections



MAT 5152

(d,He3) Levels  
0 Kelvin Cross Sections

51-Sb-130



10

Incident Energy (MeV)

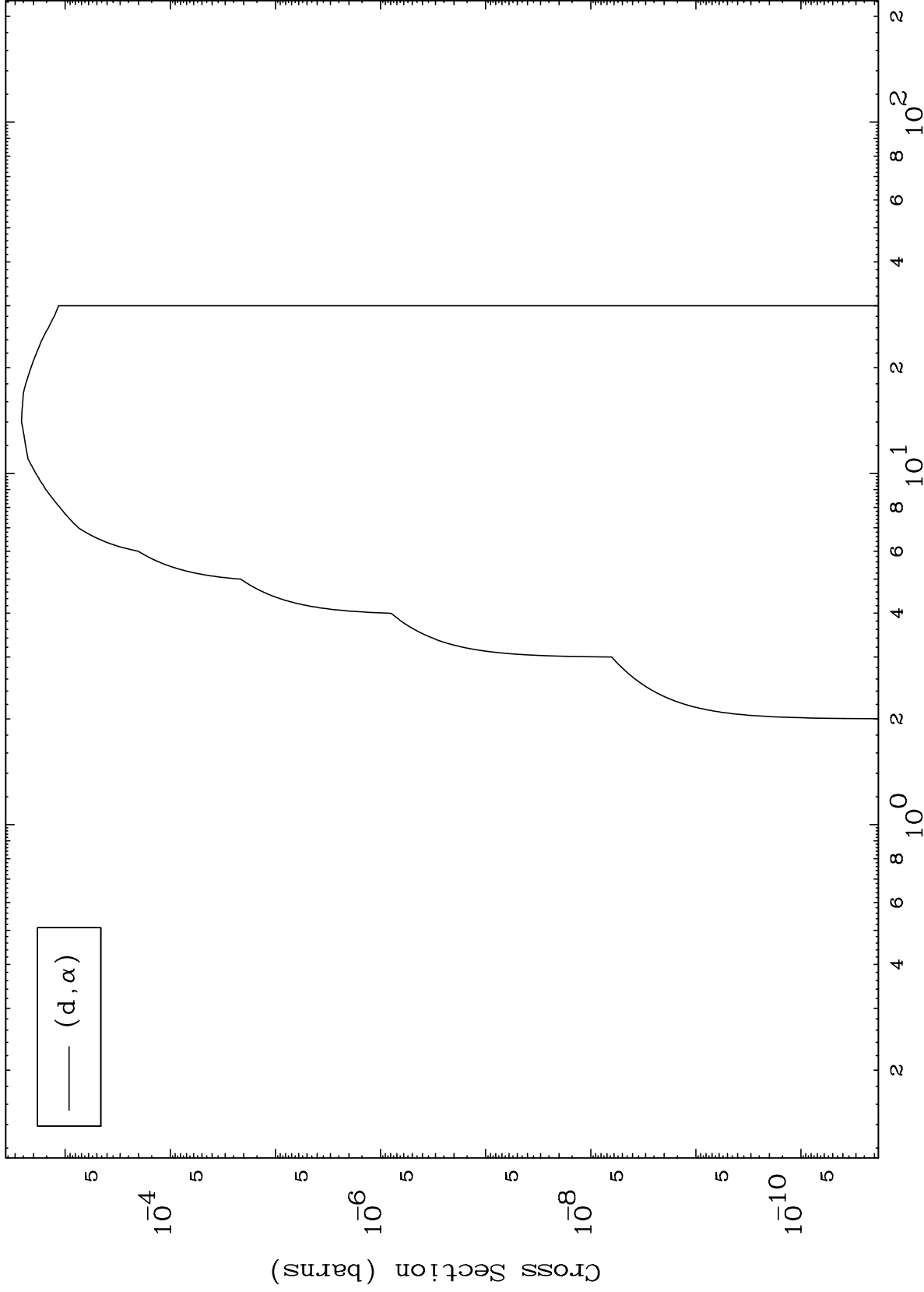
51-Sb-130

MAT 5152

(d,  $\alpha$ ) Levels

51-Sb-130

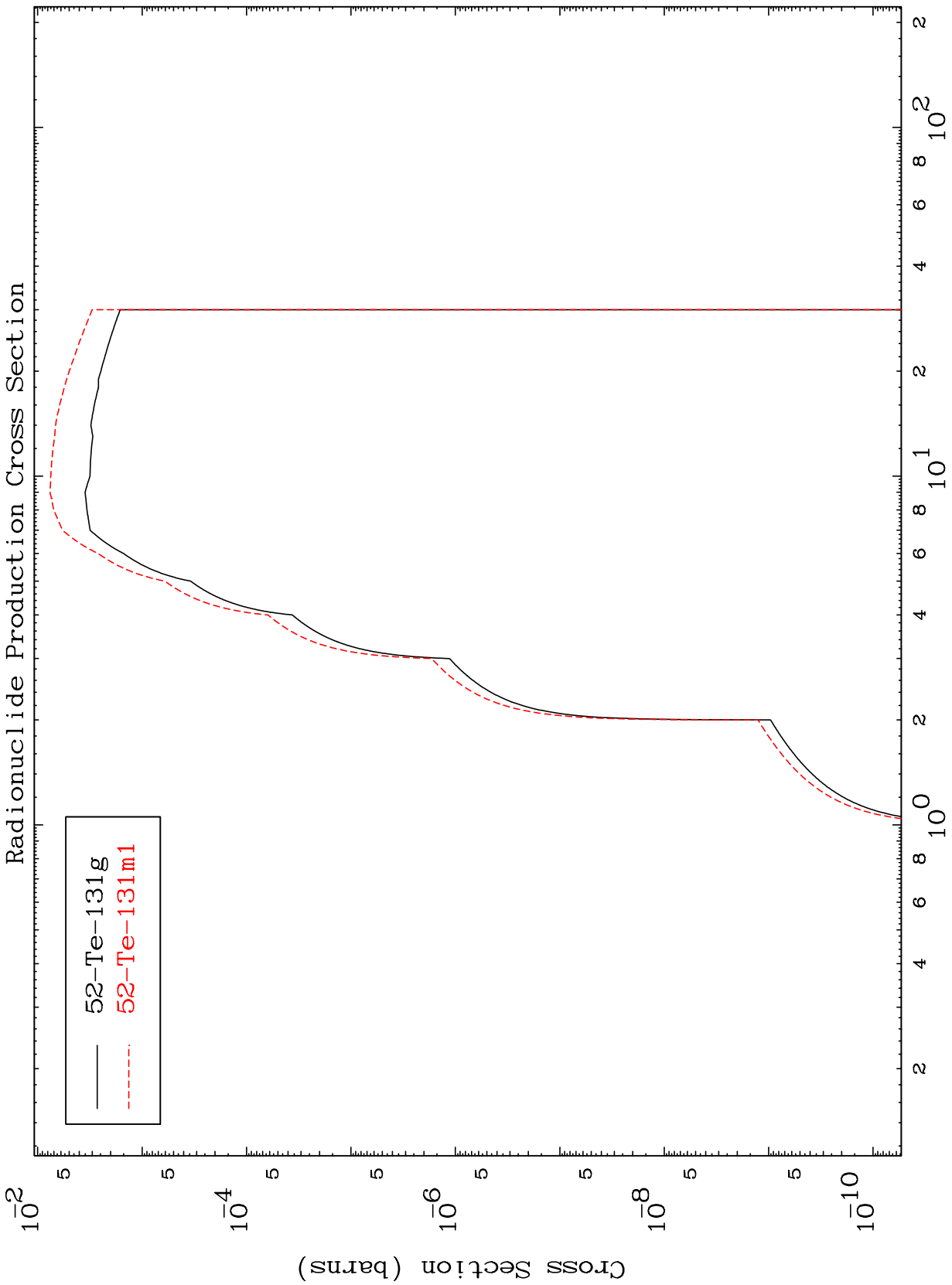
0 Kelvin Cross Sections



MAT 5152

51-Sb-130

Deuteron Inelastic  
Radionuclide Production Cross Section

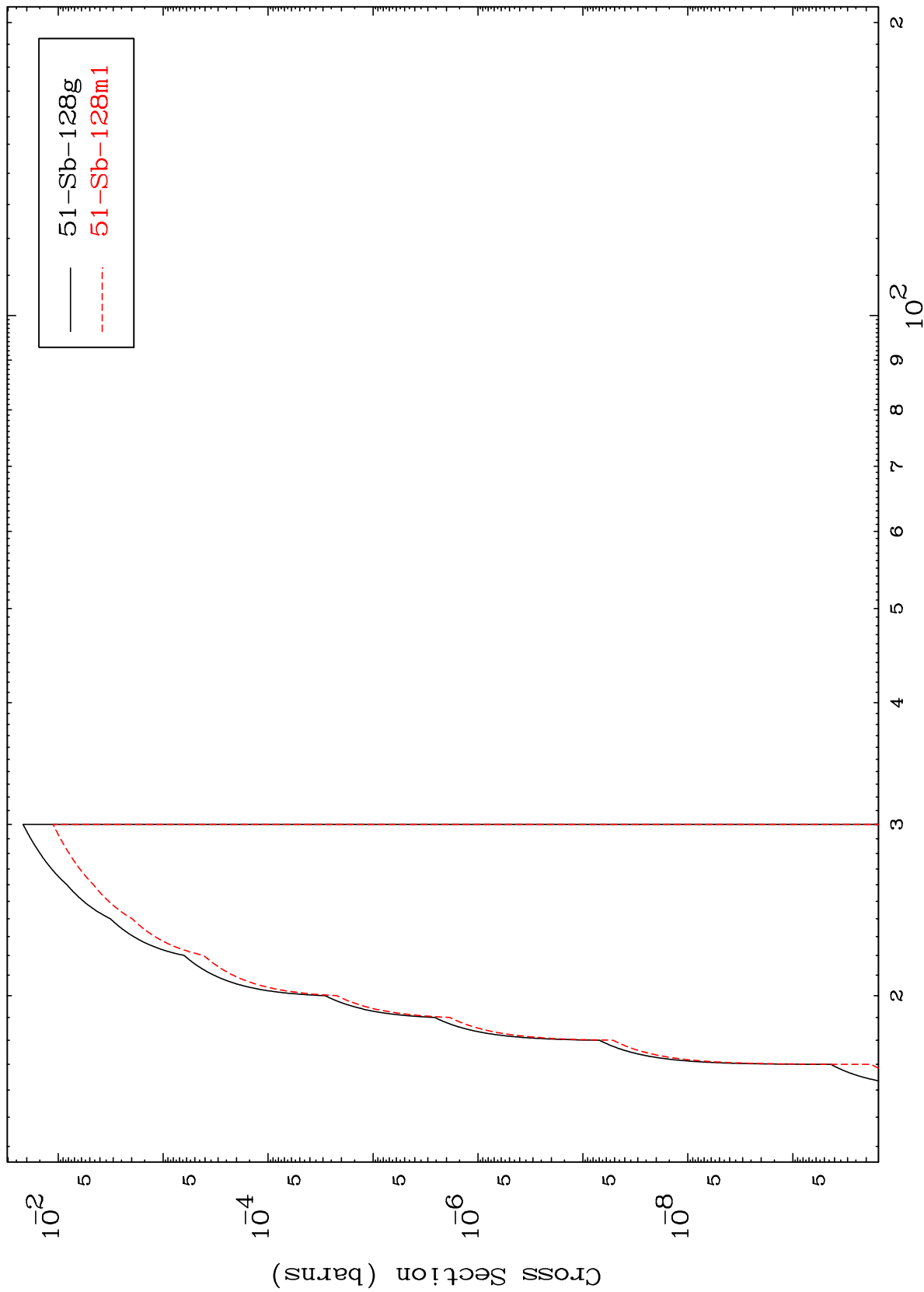


12

51-Sb-130

Incident Energy (MeV)

Radionuclide Production Cross Section

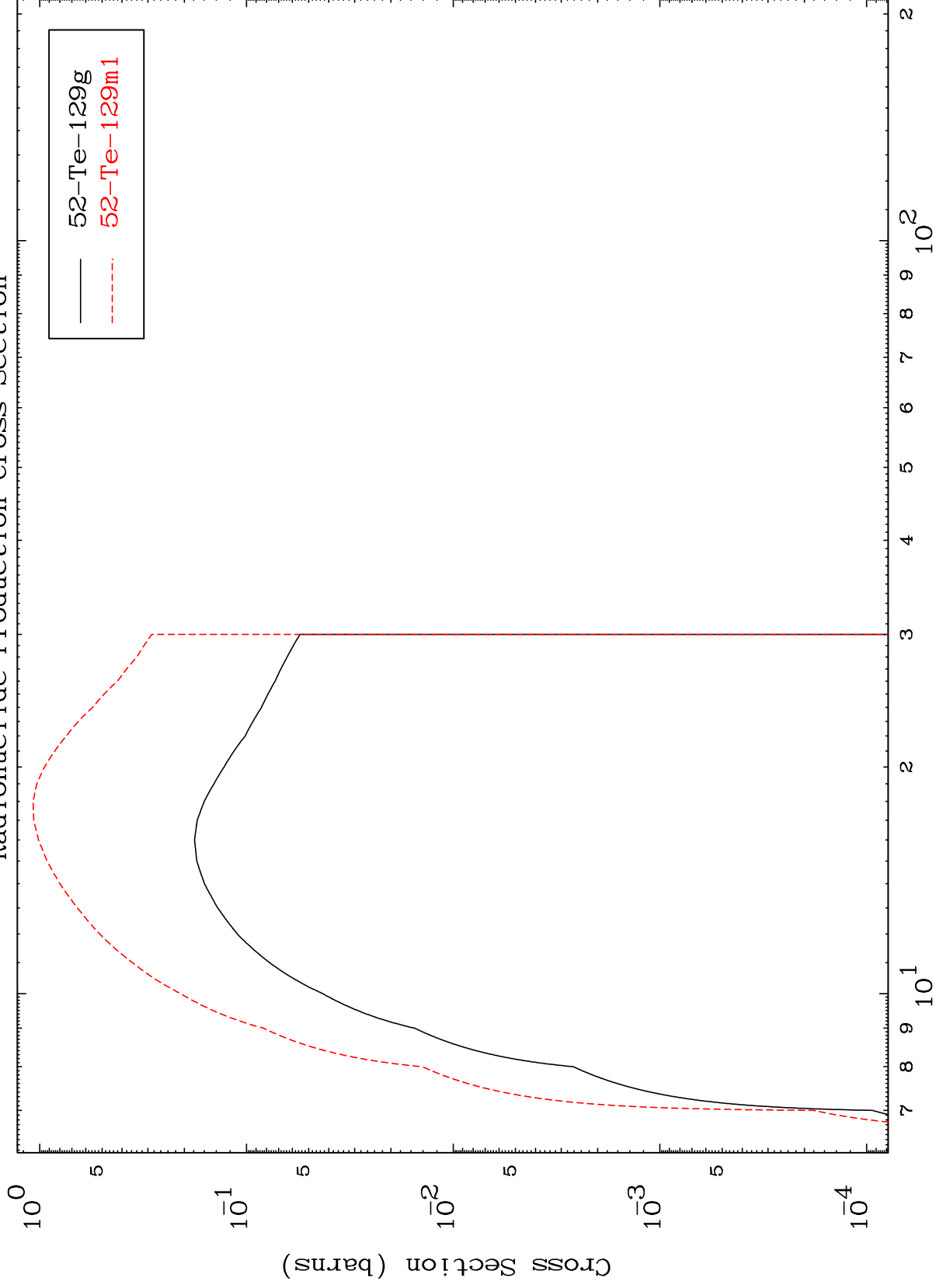


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(d,3n)

51-Sb-130

Radionuclide Production Cross Section



14

Incident Energy (MeV)

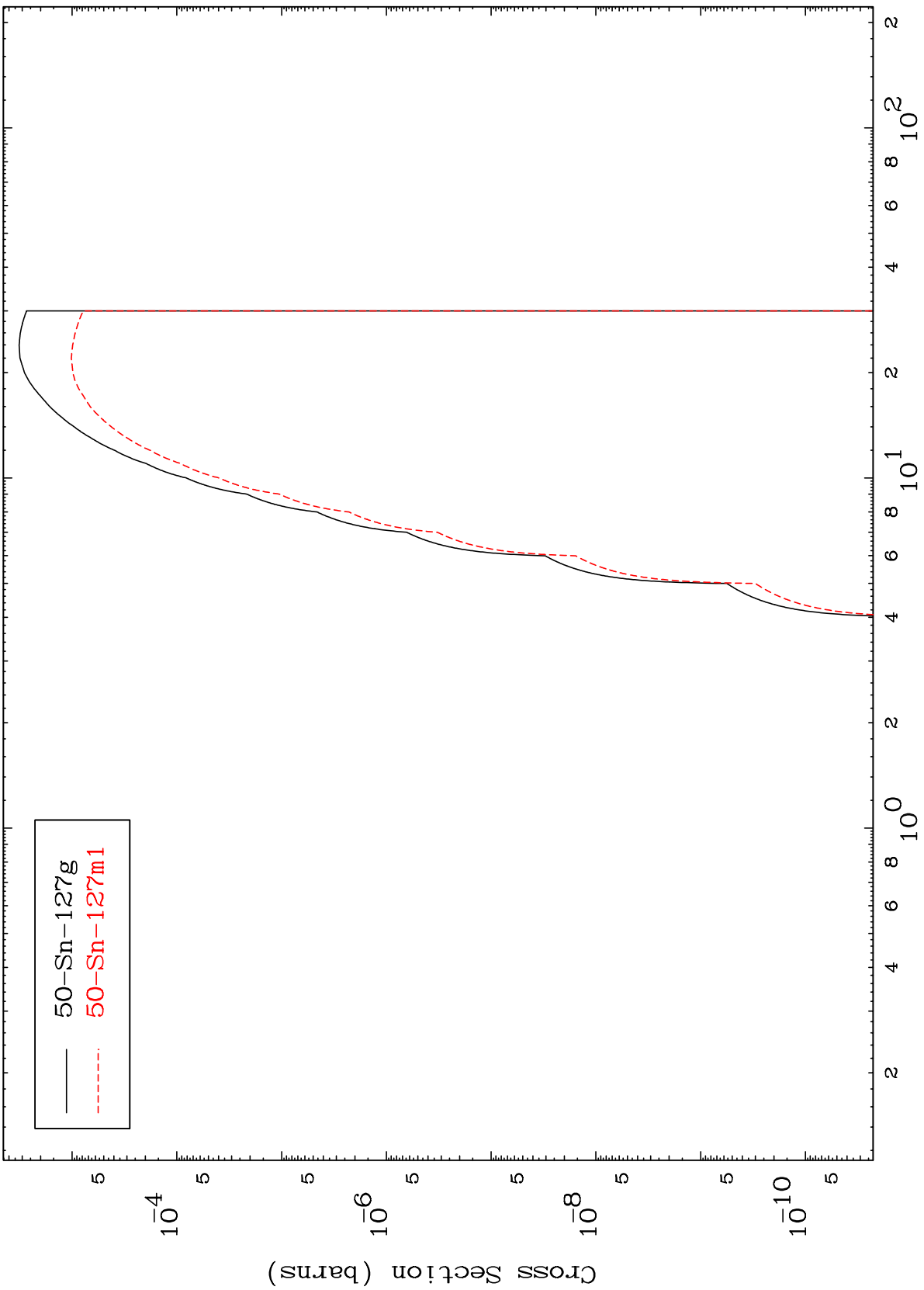
51-Sb-130

MAT 5152

(d,n')  $\alpha$

51-Sb-130

Radionuclide Production Cross Section



15

Incident Energy (MeV)

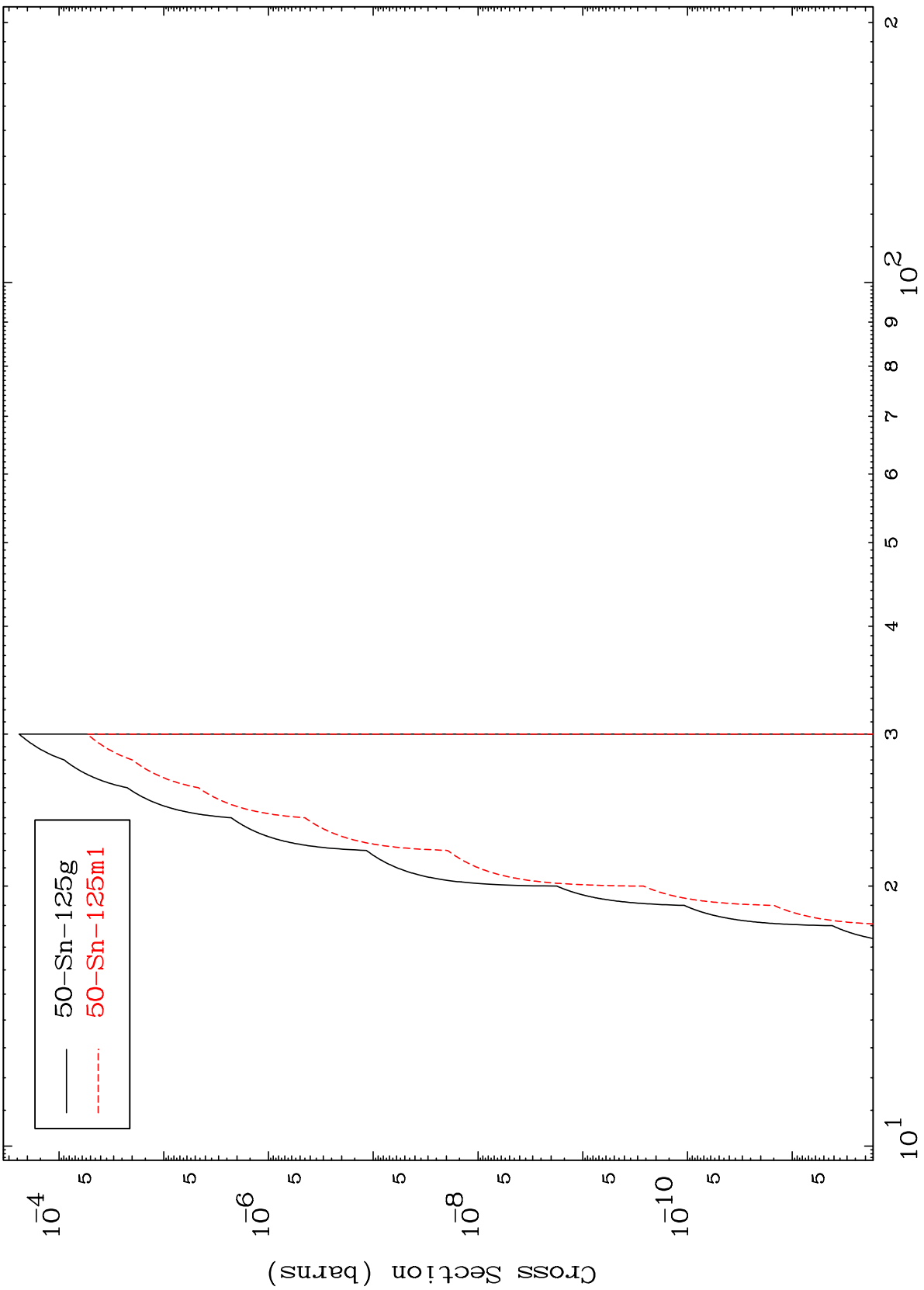
51-Sb-130

MAT 5152

(d,3n)  $\alpha$

51-Sb-130

Radionuclide Production Cross Section



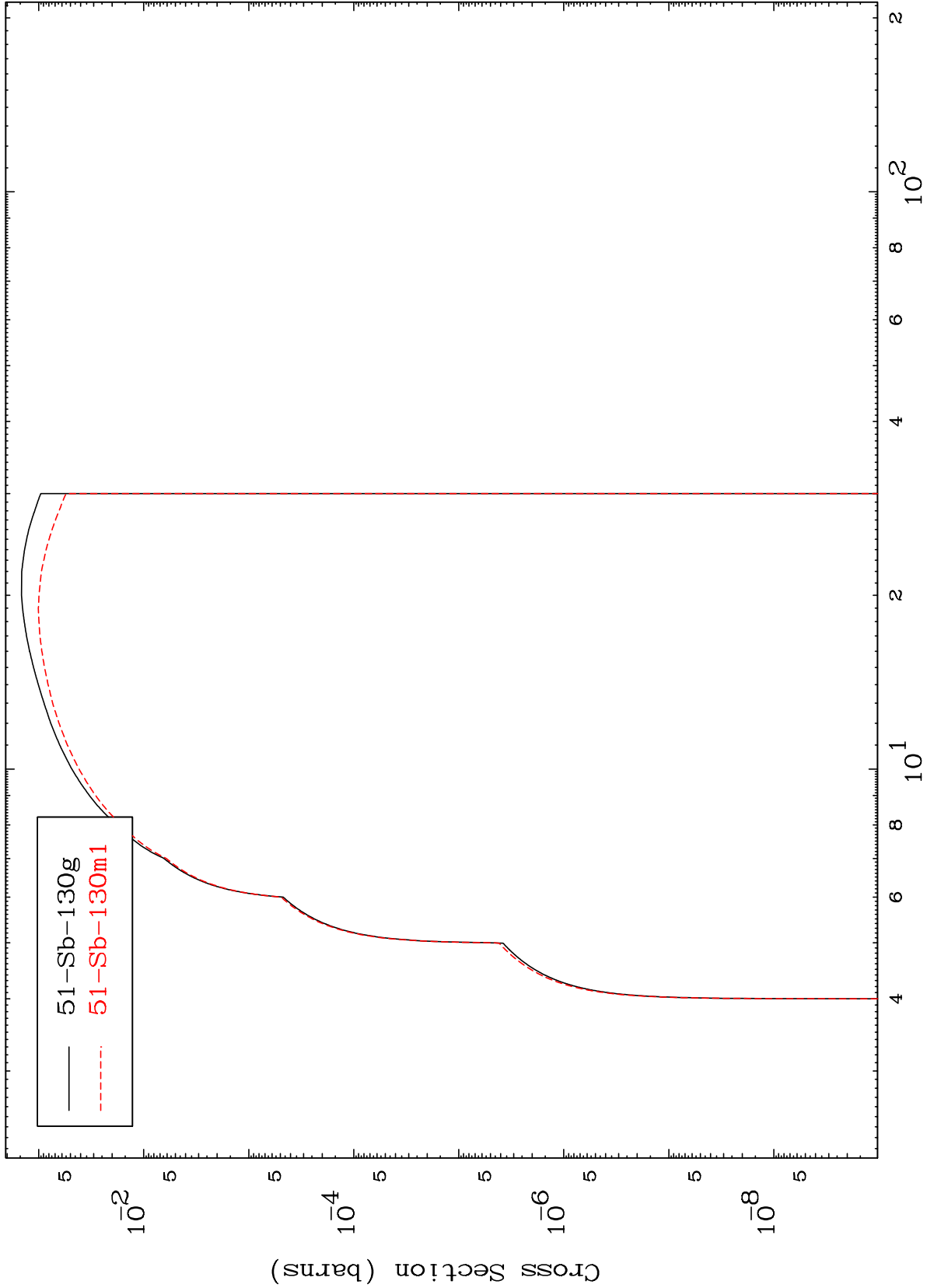
Incident Energy (MeV)

51-Sb-130

MAT 5152

51-Sb-130

(d,n') p  
Radionuclide Production Cross Section



51-Sb-130

Incident Energy (MeV)

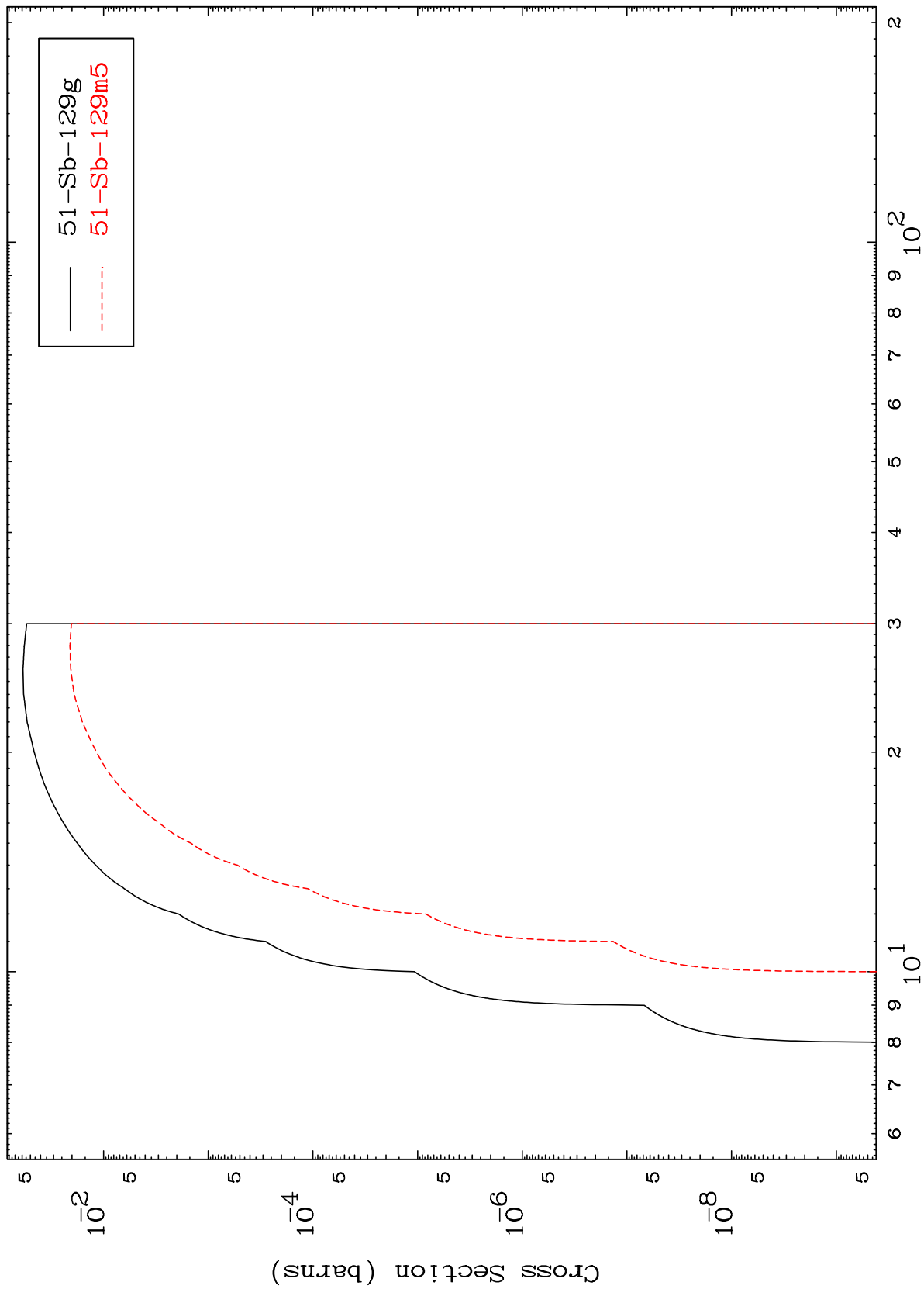
17

MAT 5152

(d,n') d

51-Sb-130

Radionuclide Production Cross Section



18

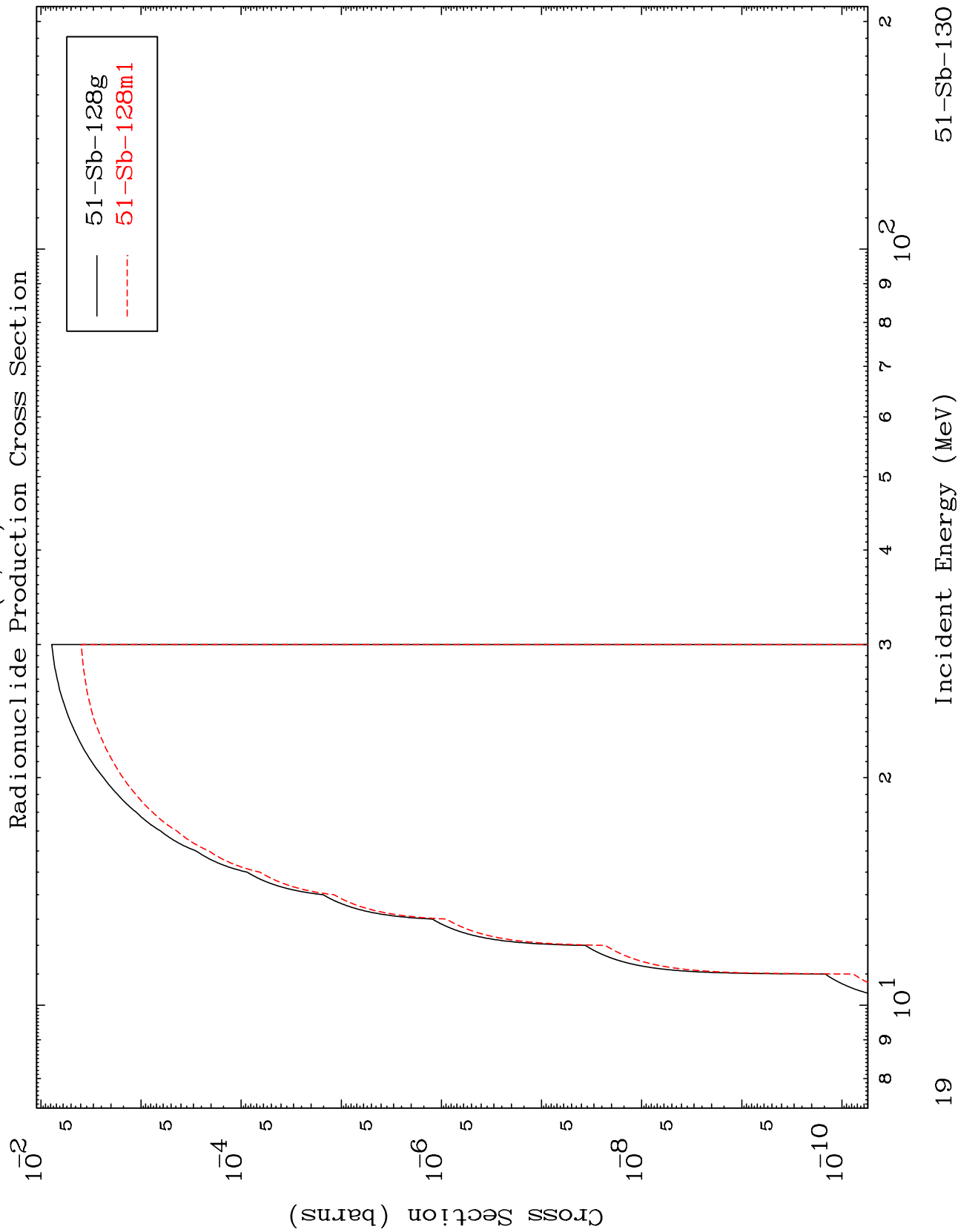
Incident Energy (MeV)

51-Sb-130

MAT 5152

(d,n') t

51-Sb-130



19

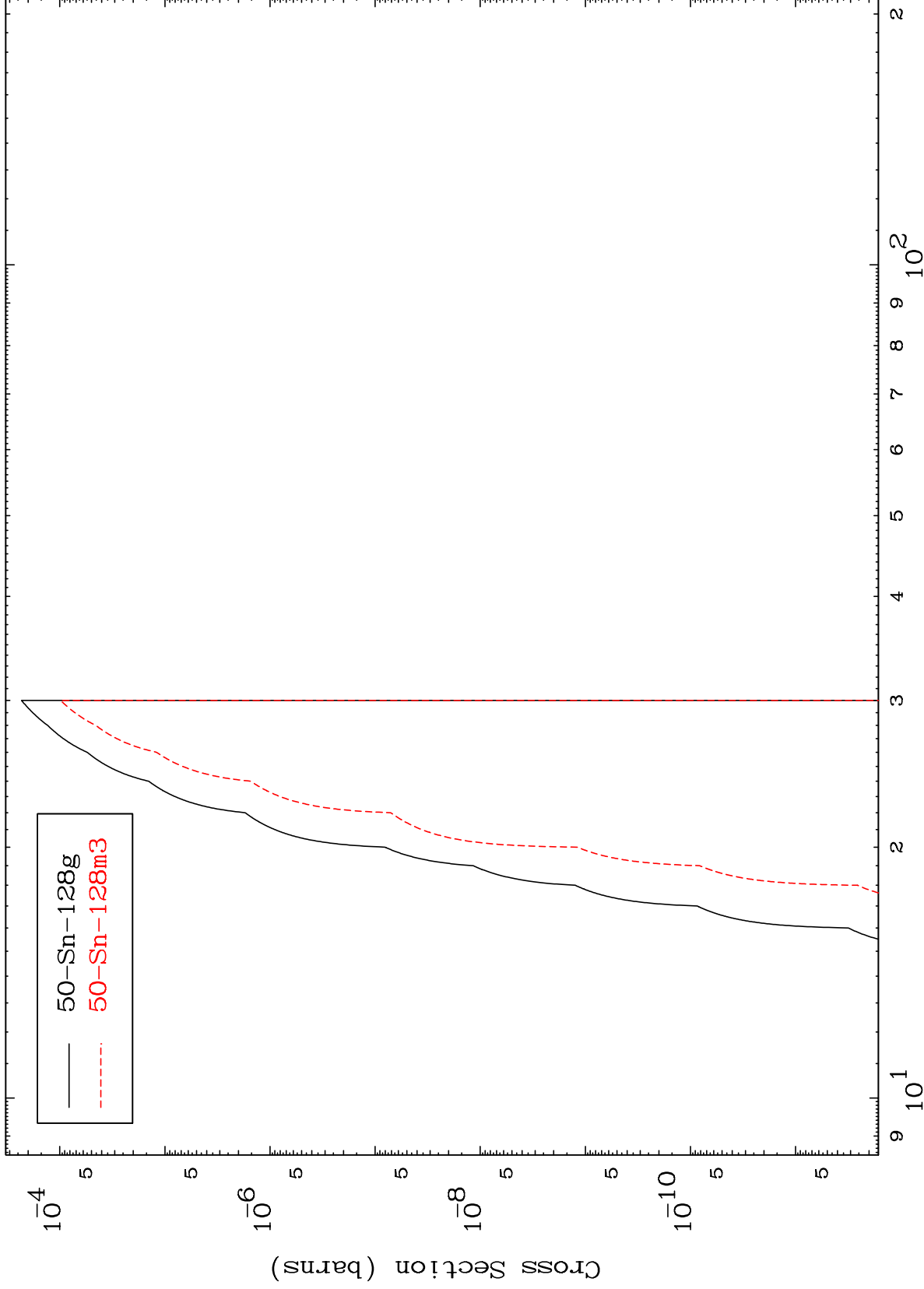
51-Sb-130

MAT 5152

(d,n') He-3

51-Sb-130

Radionuclide Production Cross Section



20

Incident Energy (MeV)

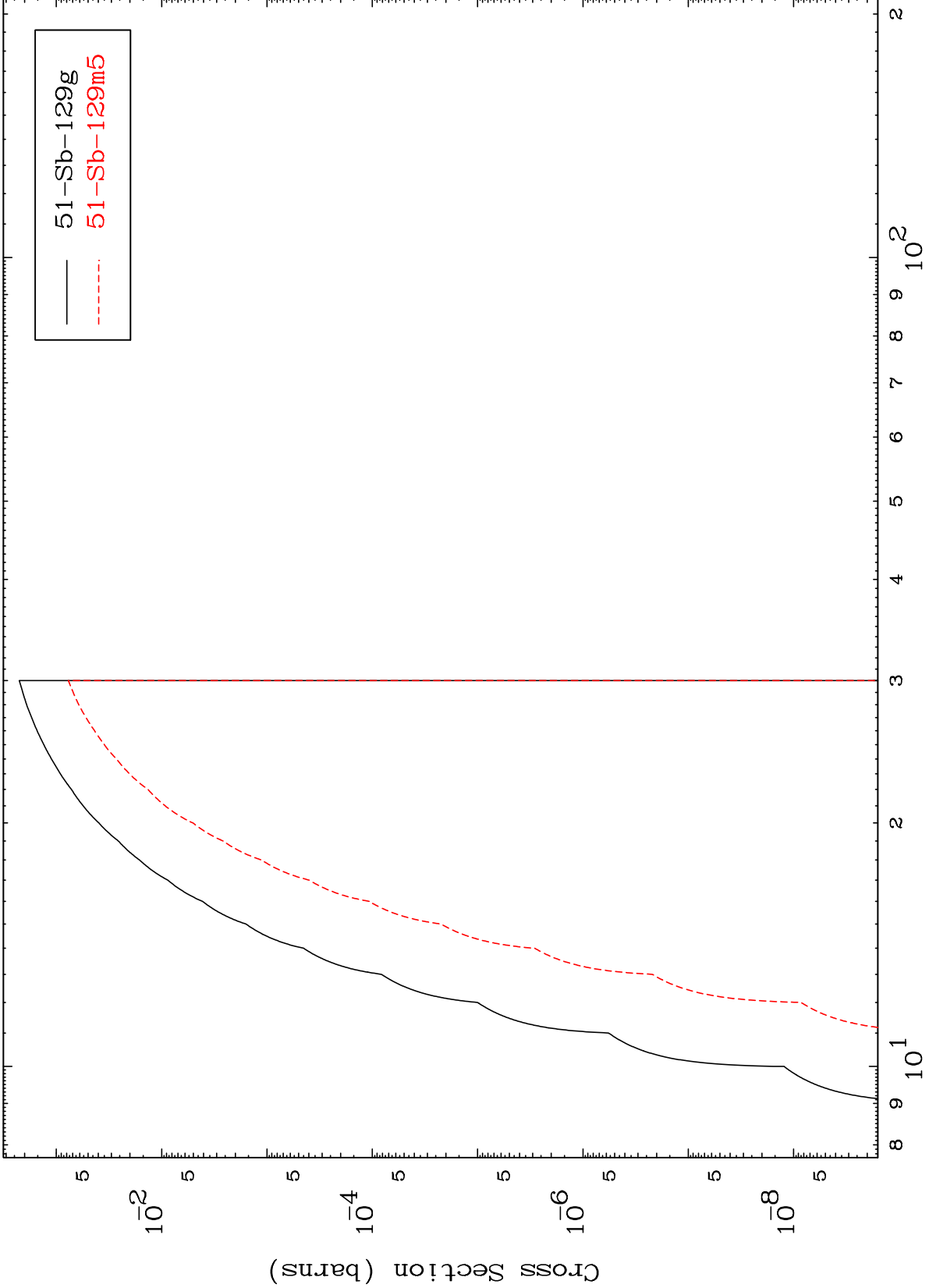
51-Sb-130

MAT 5152

(d,2n) p

51-Sb-130

Radionuclide Production Cross Section



21

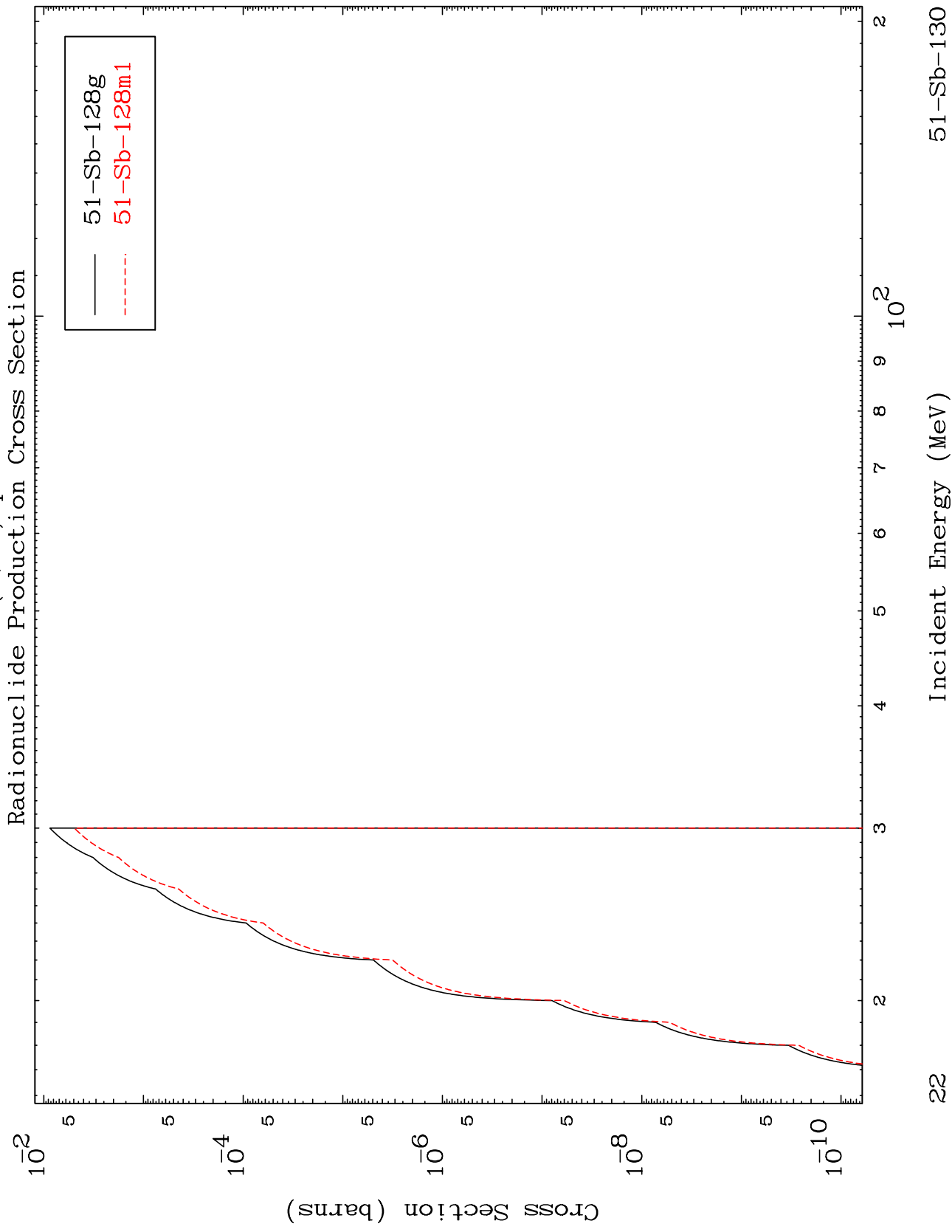
Incident Energy (MeV)

51-Sb-130

MAT 5152

(d,3n) p

51-Sb-130



22

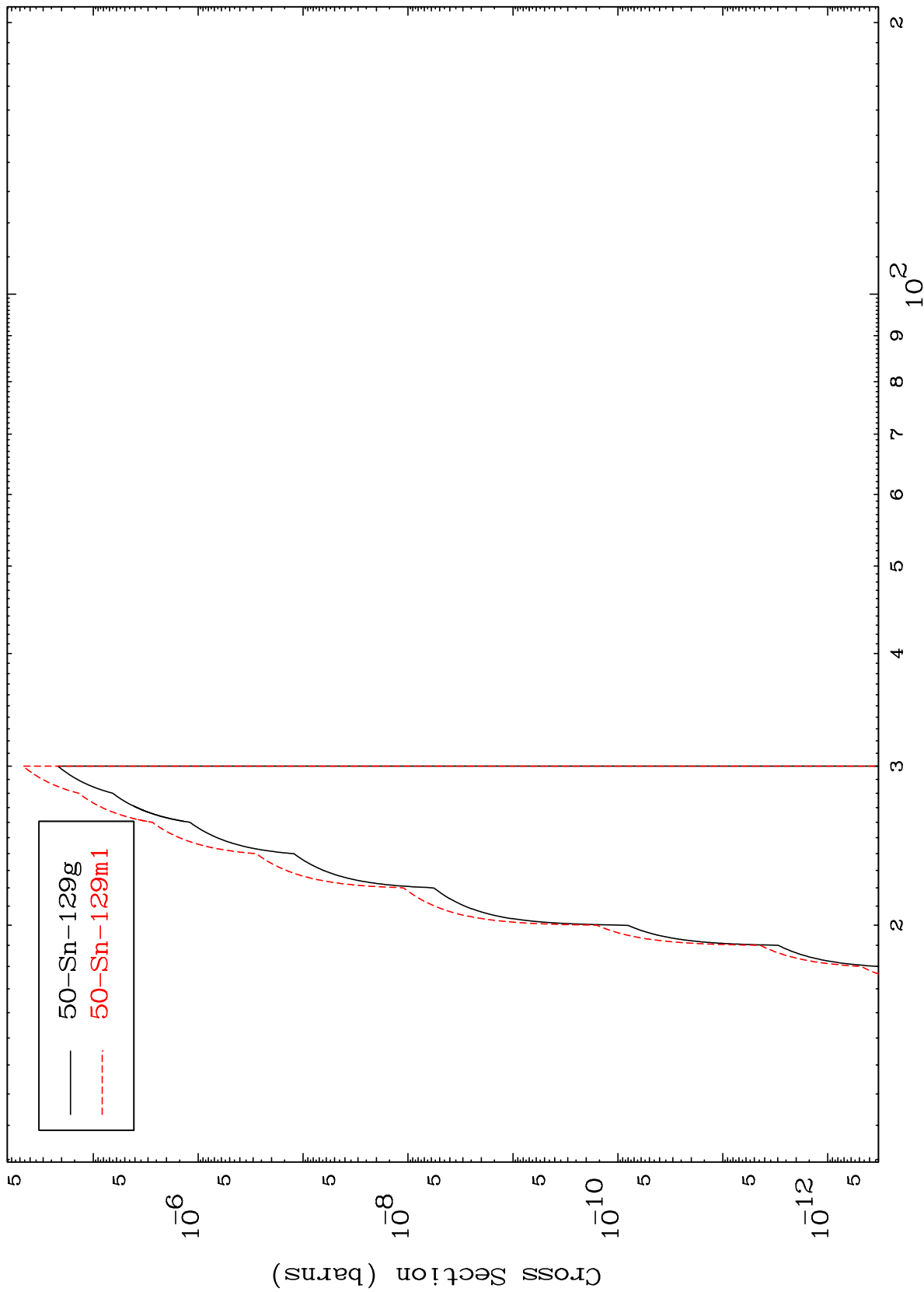
51-Sb-130

MAT 5152

(d,2n) p

51-Sb-130

Radionuclide Production Cross Section



Incident Energy (MeV)

51-Sb-130

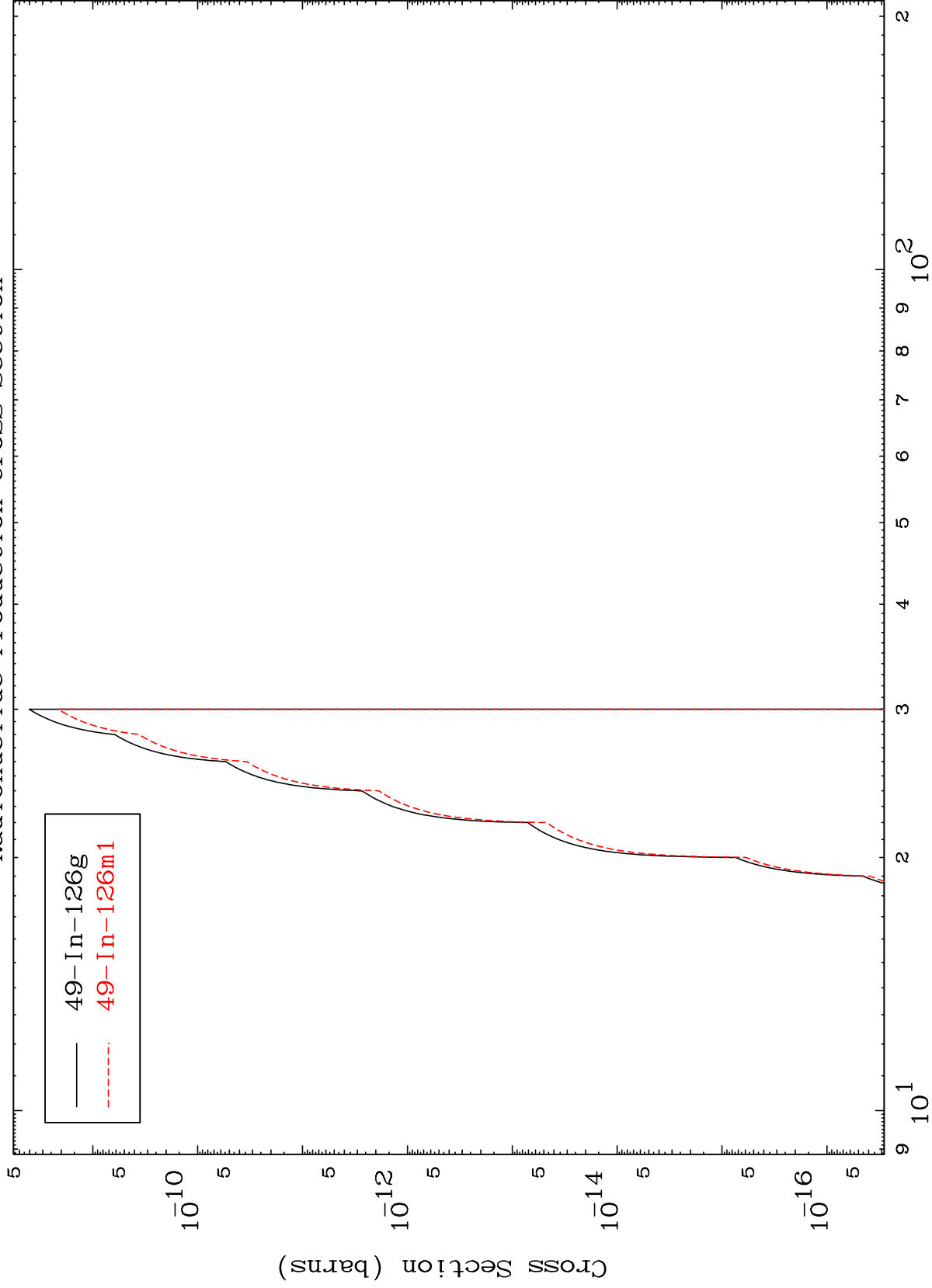
23

MAT 5152

(d,n') p  $\alpha$

51-Sb-130

Radionuclide Production Cross Section



24

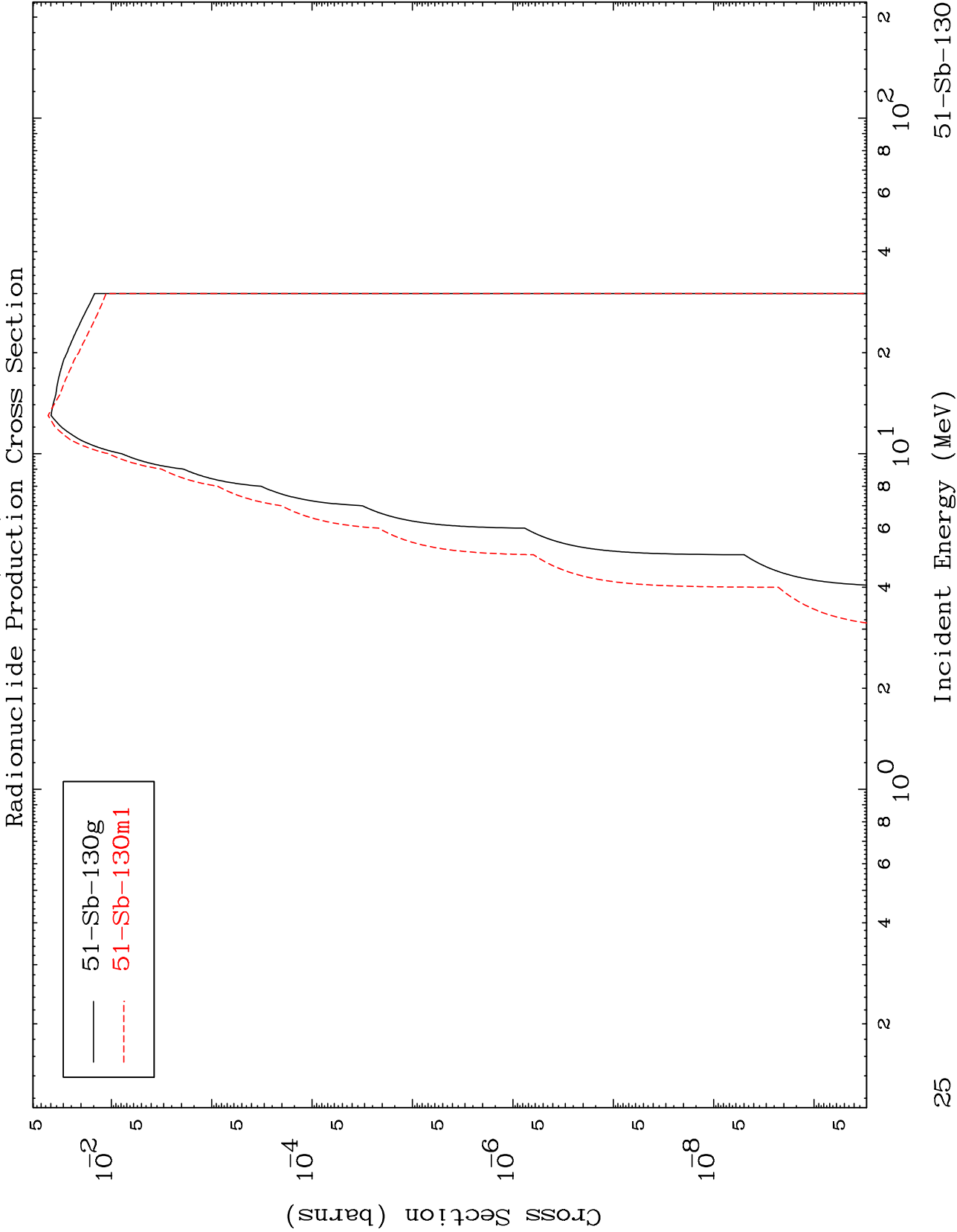
Incident Energy (MeV)

51-Sb-130

MAT 5152

(d,d)

51-Sb-130



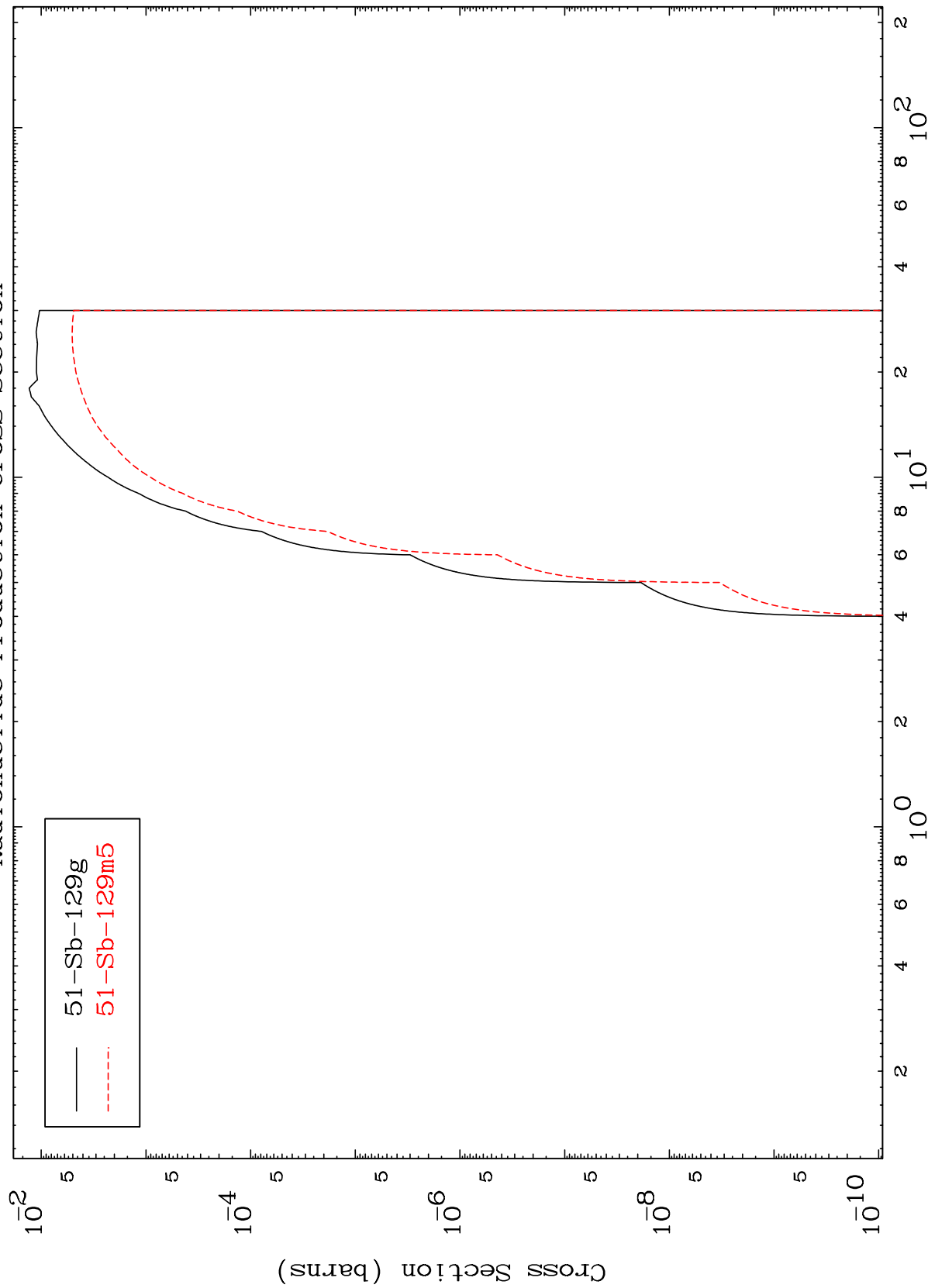
25

51-Sb-130

MAT 5152

51-Sb-130

(d, t)  
Radionuclide Production Cross Section



51-Sb-130

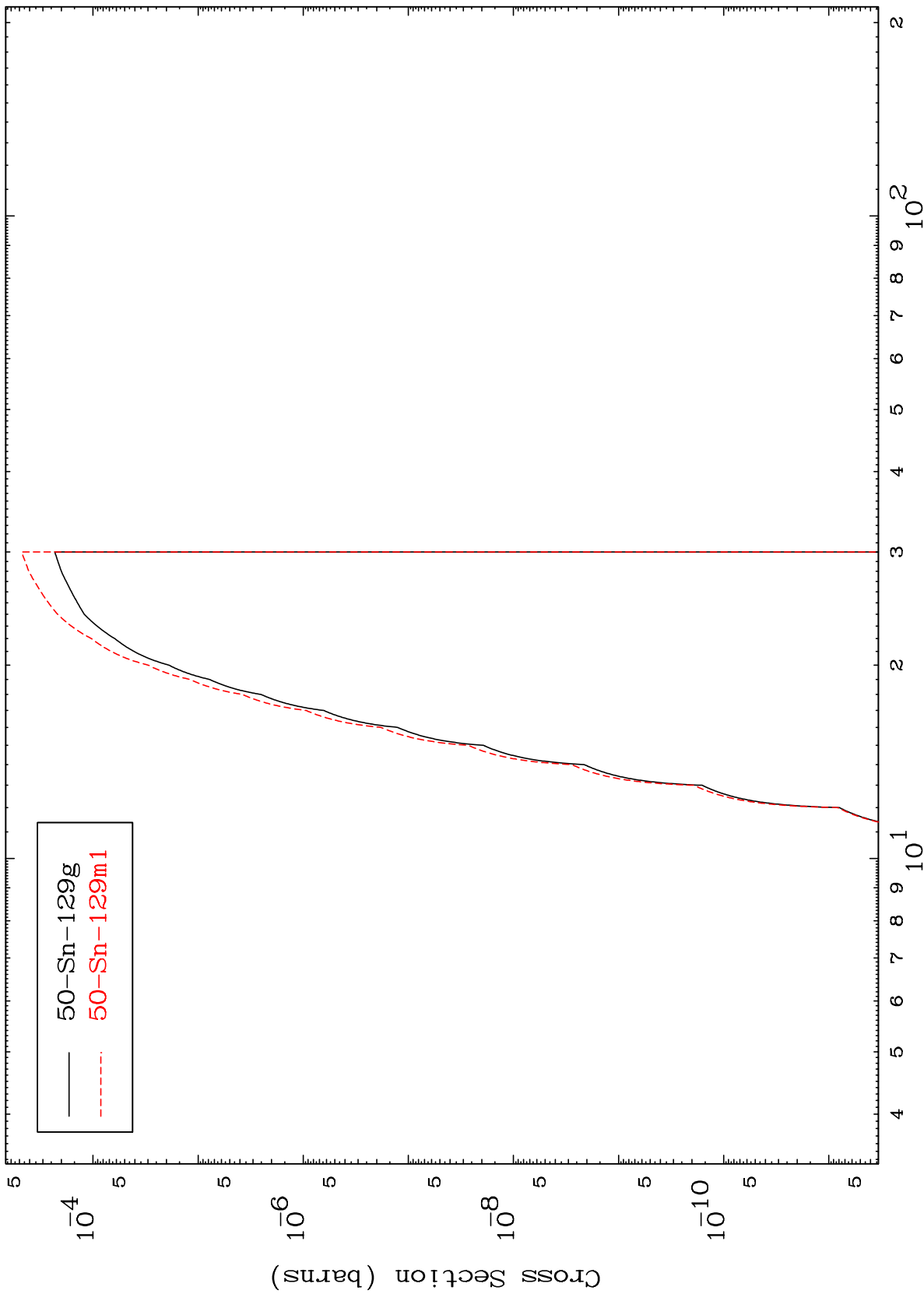
Incident Energy (MeV)

26

MAT 5152

51-Sb-130

(d,He-3)  
Radionuclide Production Cross Section



51-Sb-130

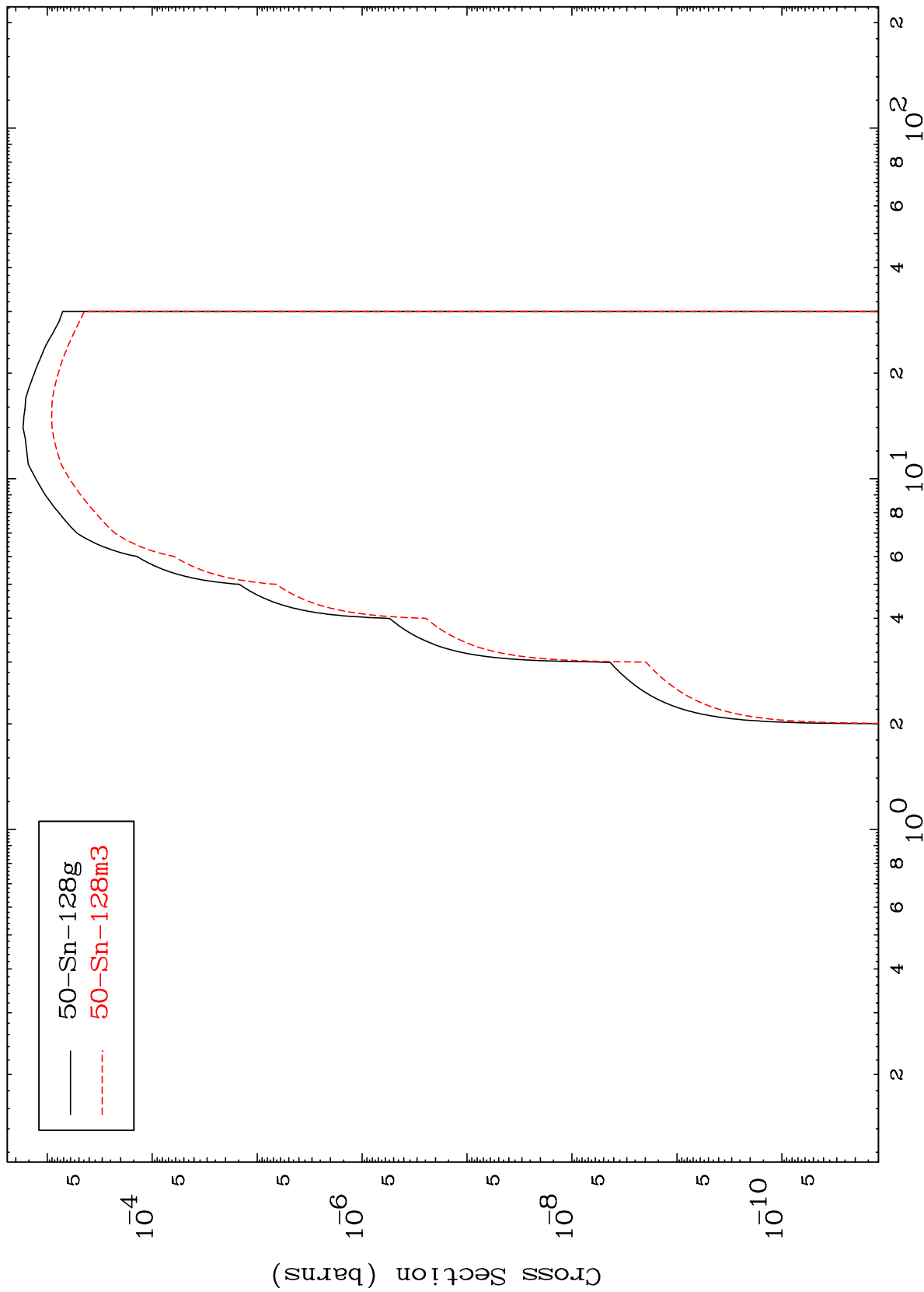
Incident Energy (MeV)

27

MAT 5152

51-Sb-130

(d,  $\alpha$ )  
Radionuclide Production Cross Section



51-Sb-130

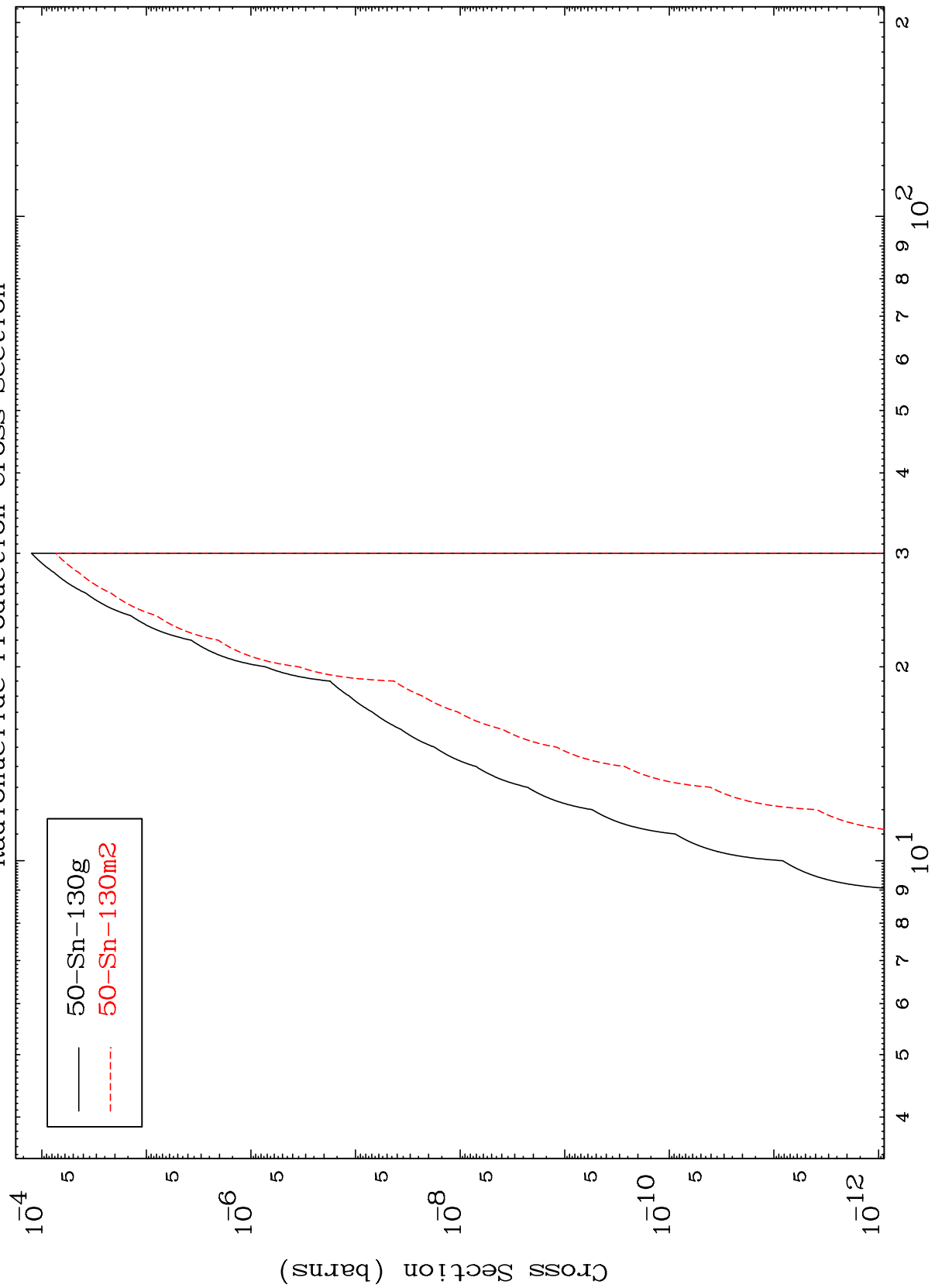
Incident Energy (MeV)

28

MAT 5152

51-Sb-130

Radionuclide Production Cross Section  
(d,2p)



— 50-Sn-130g  
- - - 50-Sn-130m2

51-Sb-130

Incident Energy (MeV)

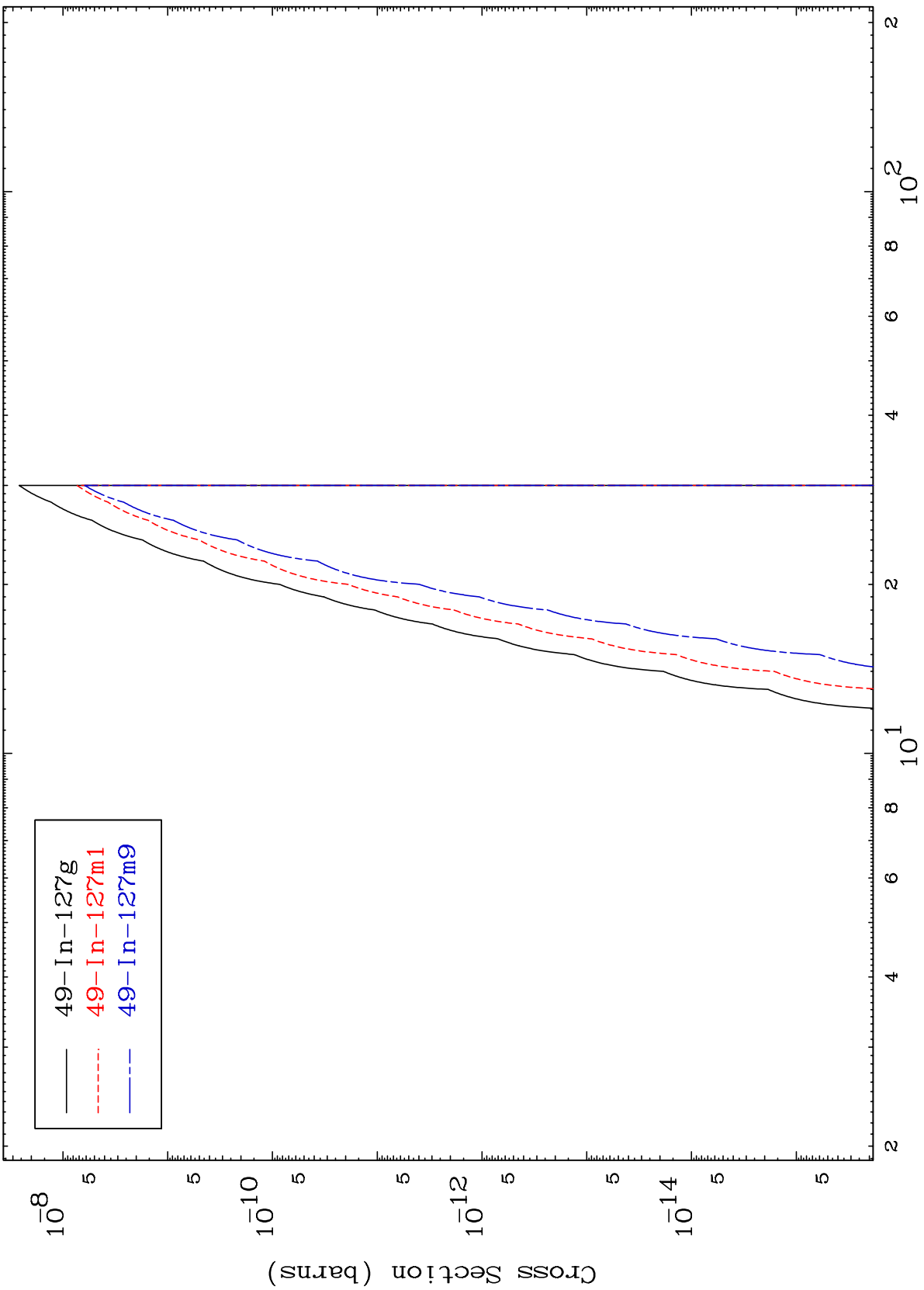
29

MAT 5152

(d,p)  $\alpha$

51-Sb-130

Radionuclide Production Cross Section



— 49-In-127g  
- - - 49-In-127m1  
- · - 49-In-127m9

30

Incident Energy (MeV)

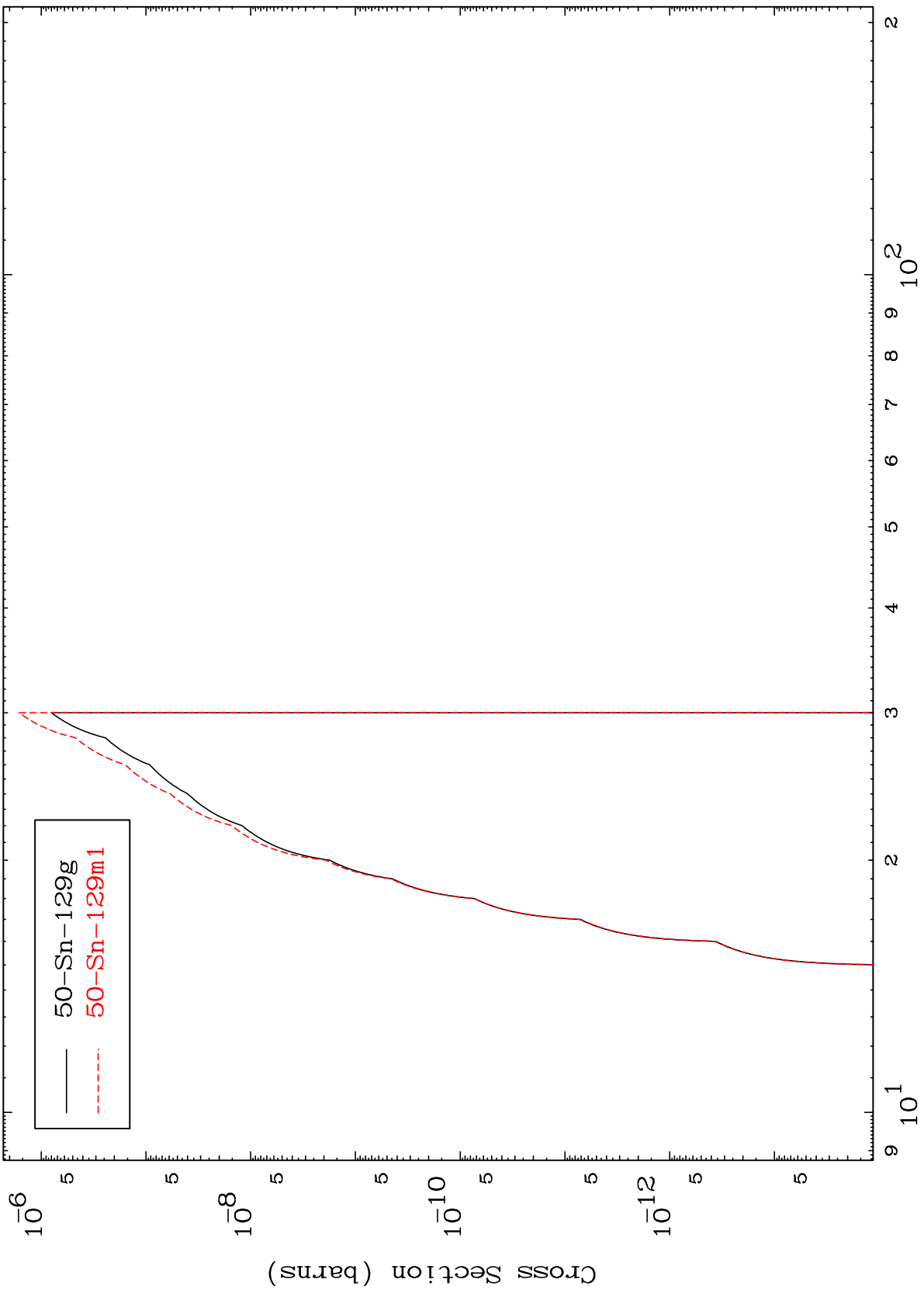
51-Sb-130

MAT 5152

(d,p) d

51-Sb-130

Radionuclide Production Cross Section



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

31

Incident Energy (MeV)

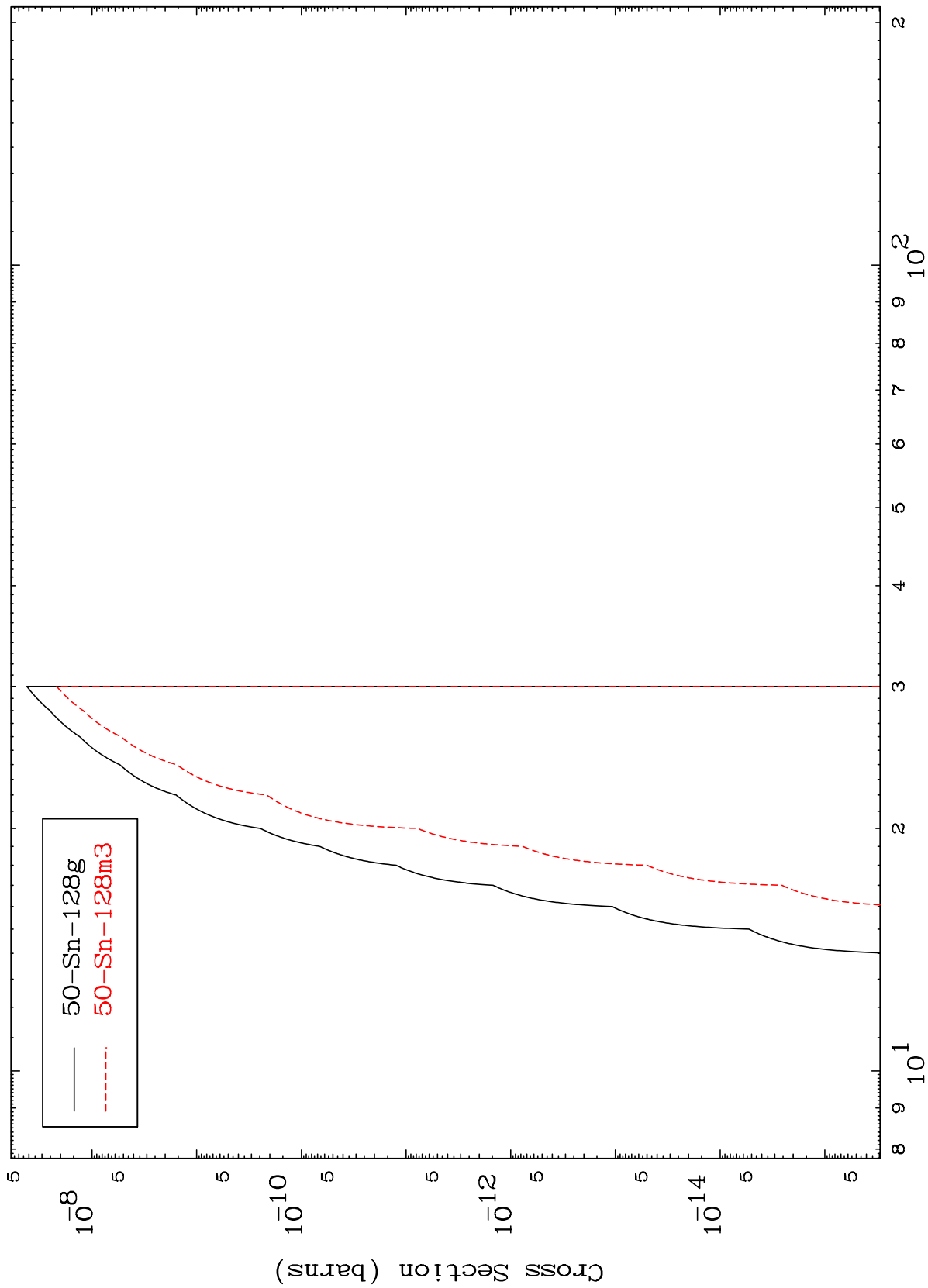
51-Sb-130

MAT 5152

(d,p) t

51-Sb-130

Radionuclide Production Cross Section



50-Sn-128g  
50-Sn-128m3

Incident Energy (MeV)

51-Sb-130

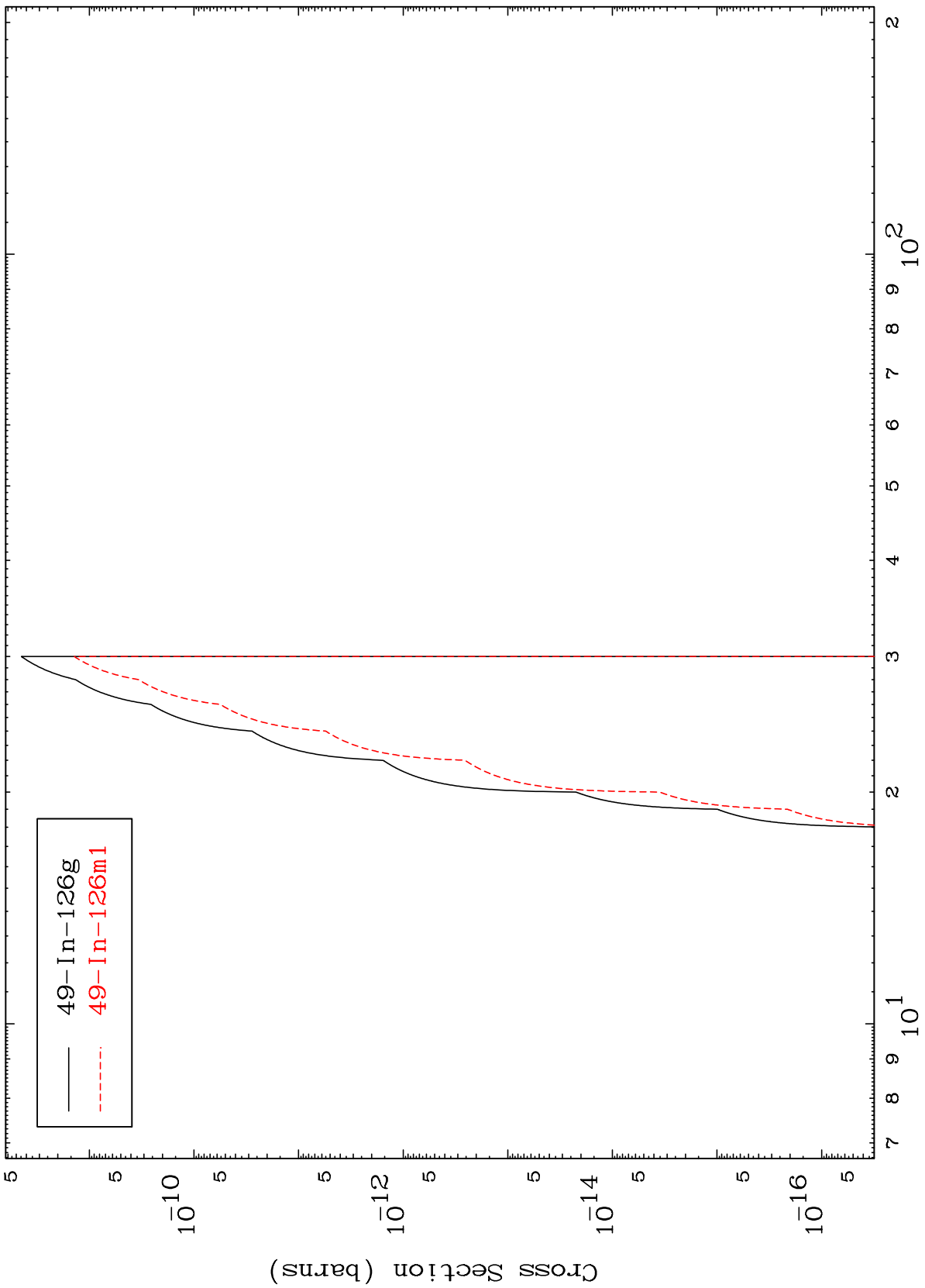
32

MAT 5152

(d,d)  $\alpha$

51-Sb-130

Radionuclide Production Cross Section



33

Incident Energy (MeV)

51-Sb-130