

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

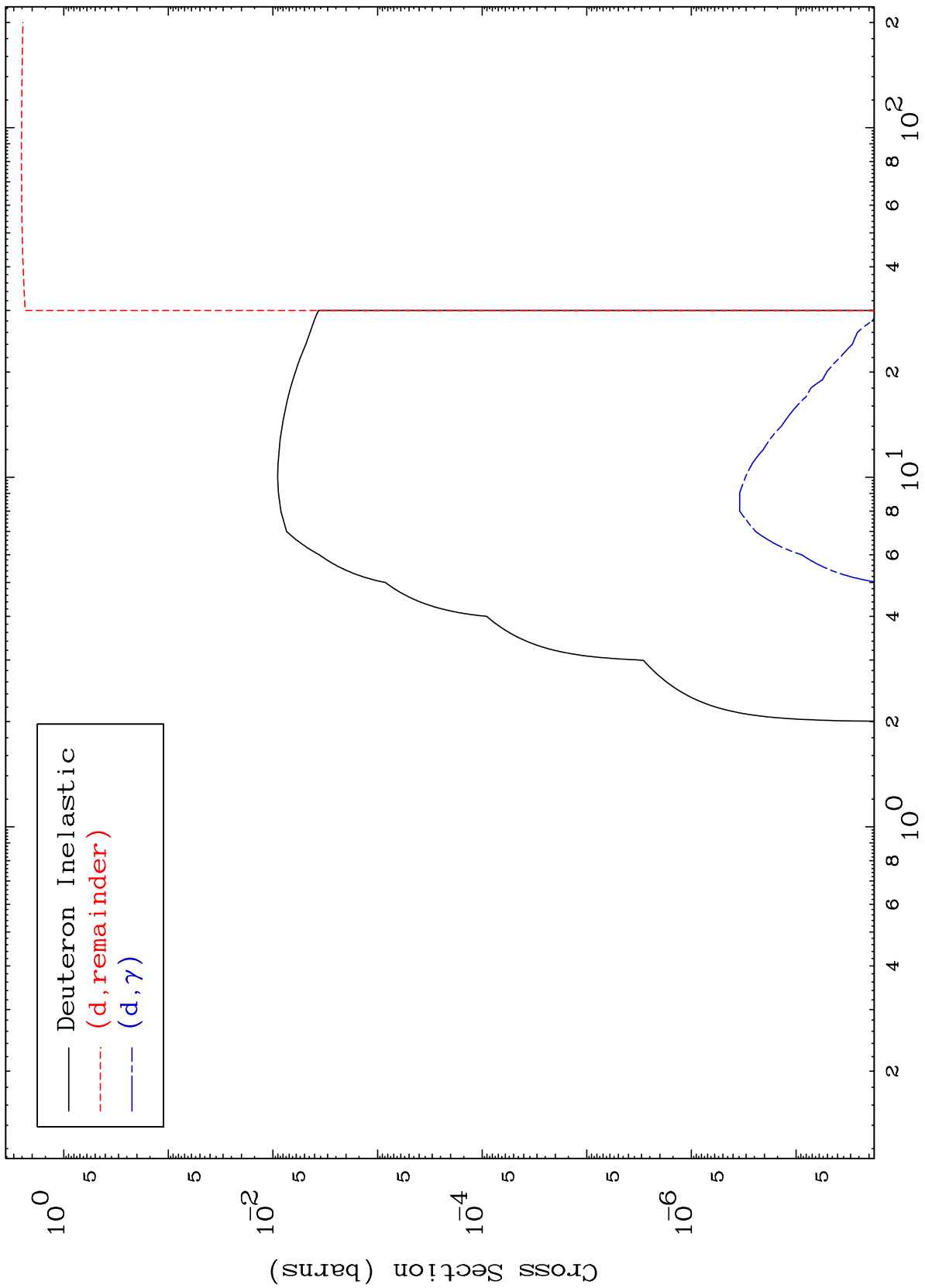
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

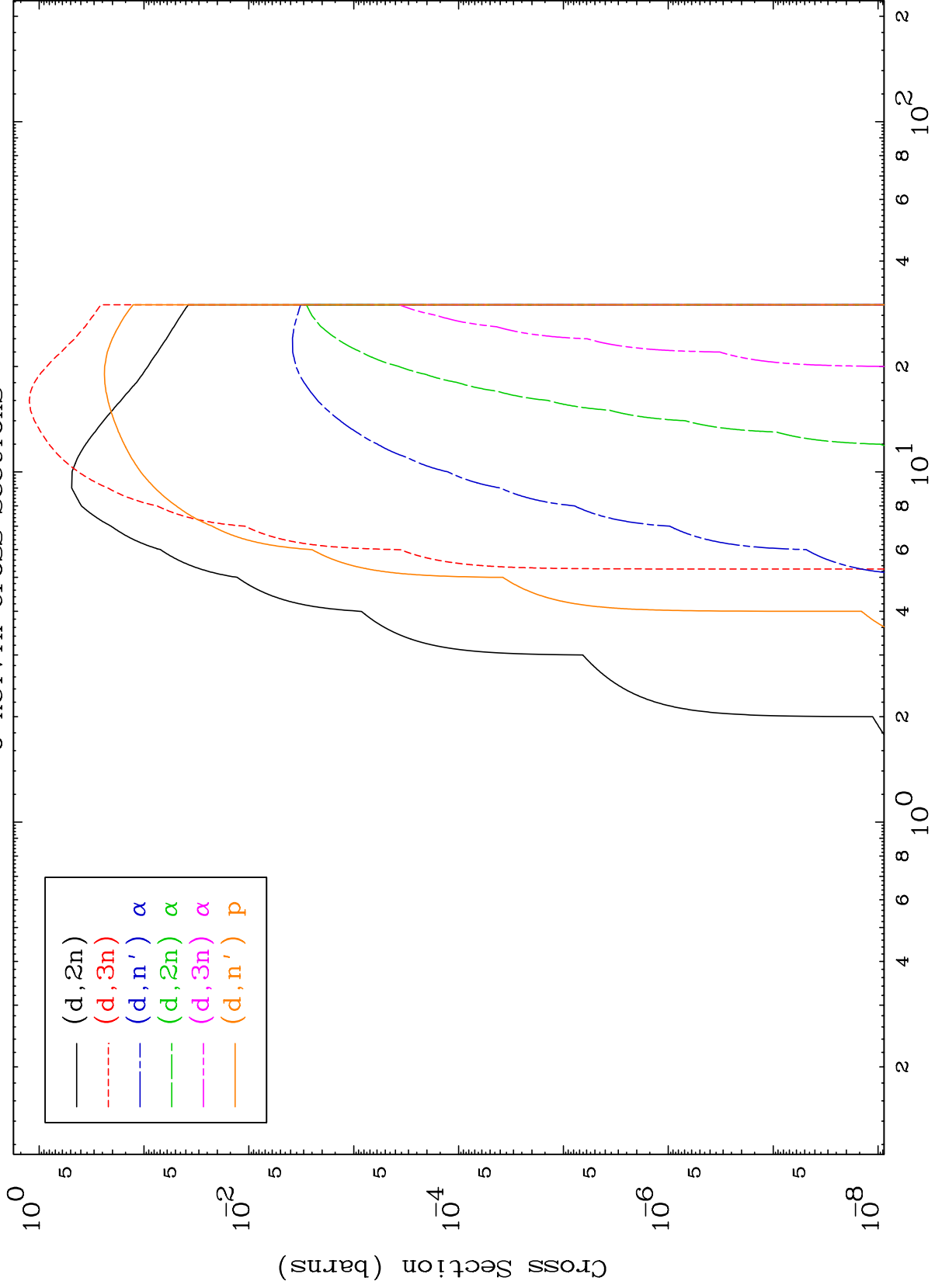
Tele: 925-443-1911

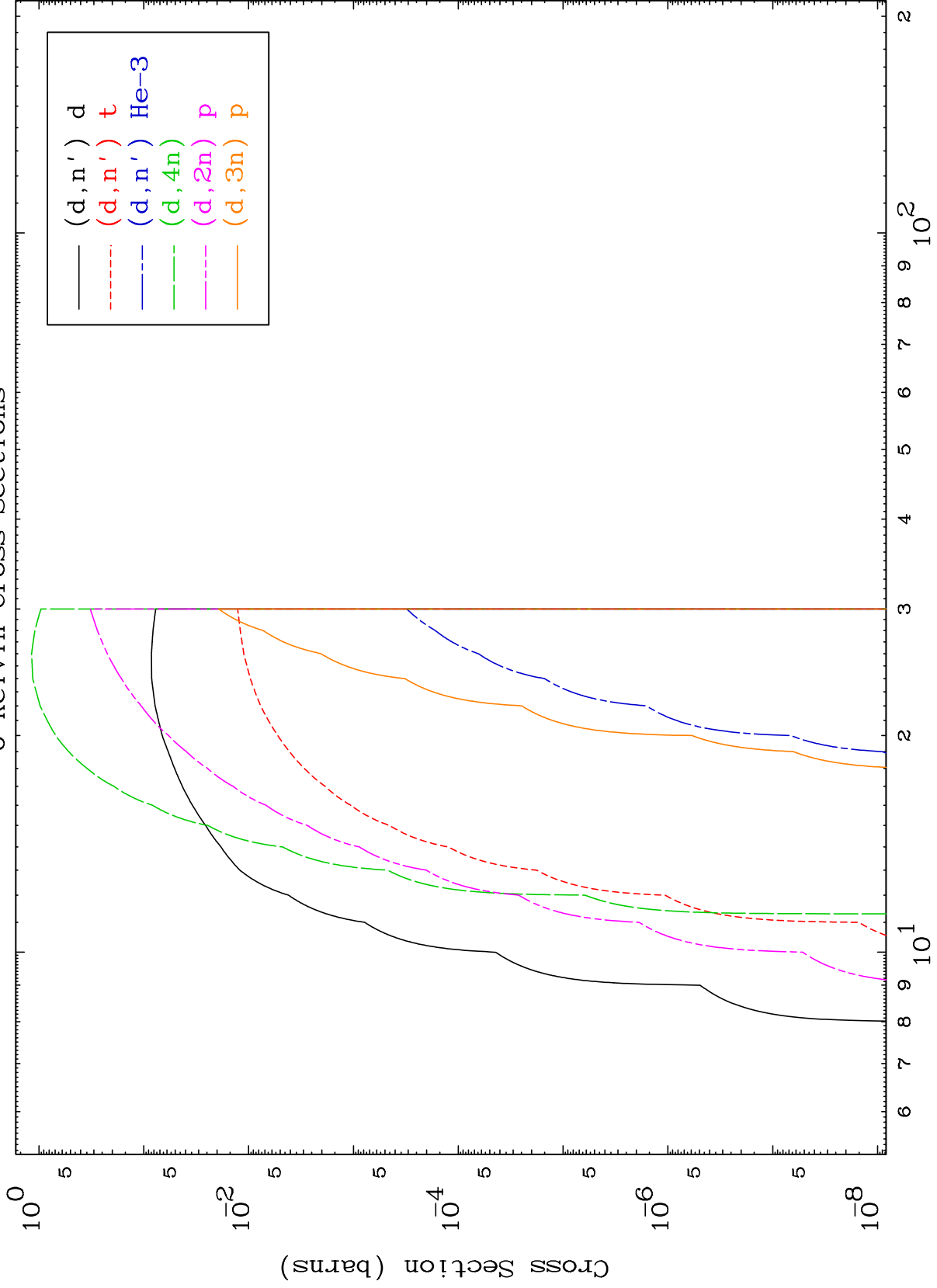
E.Mail:redcullen1@comcast.net

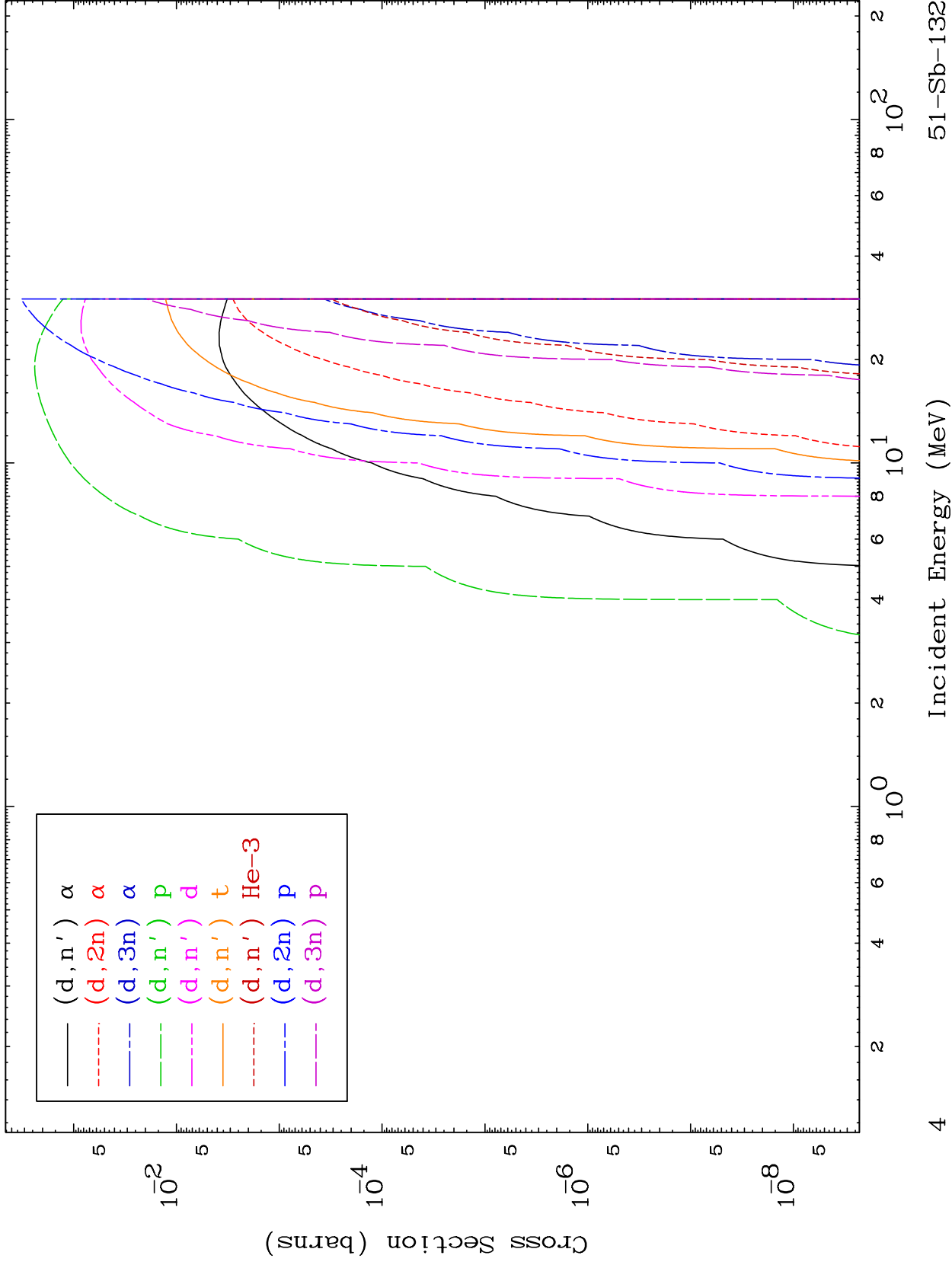
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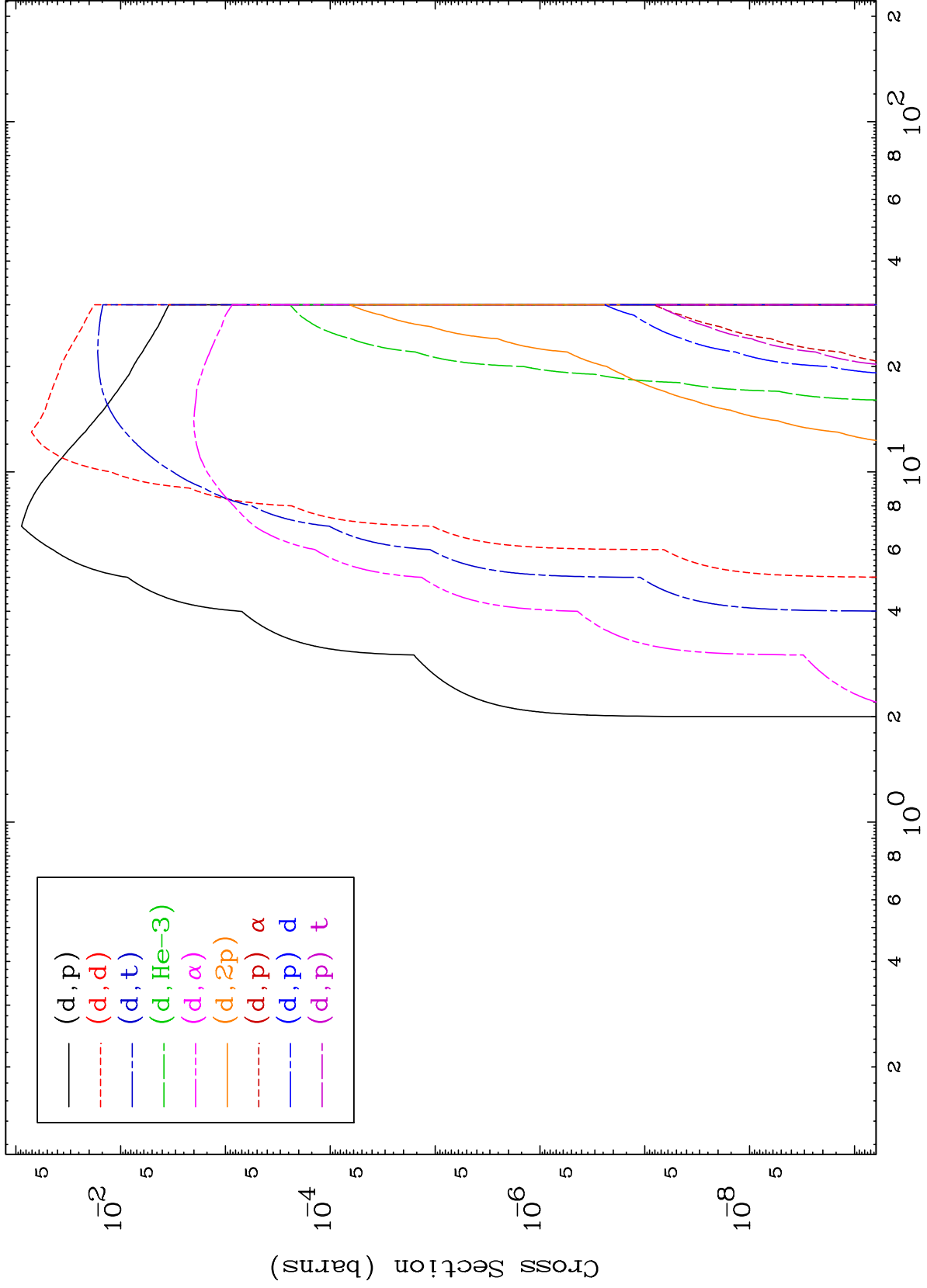
Press Mouse Button to Start









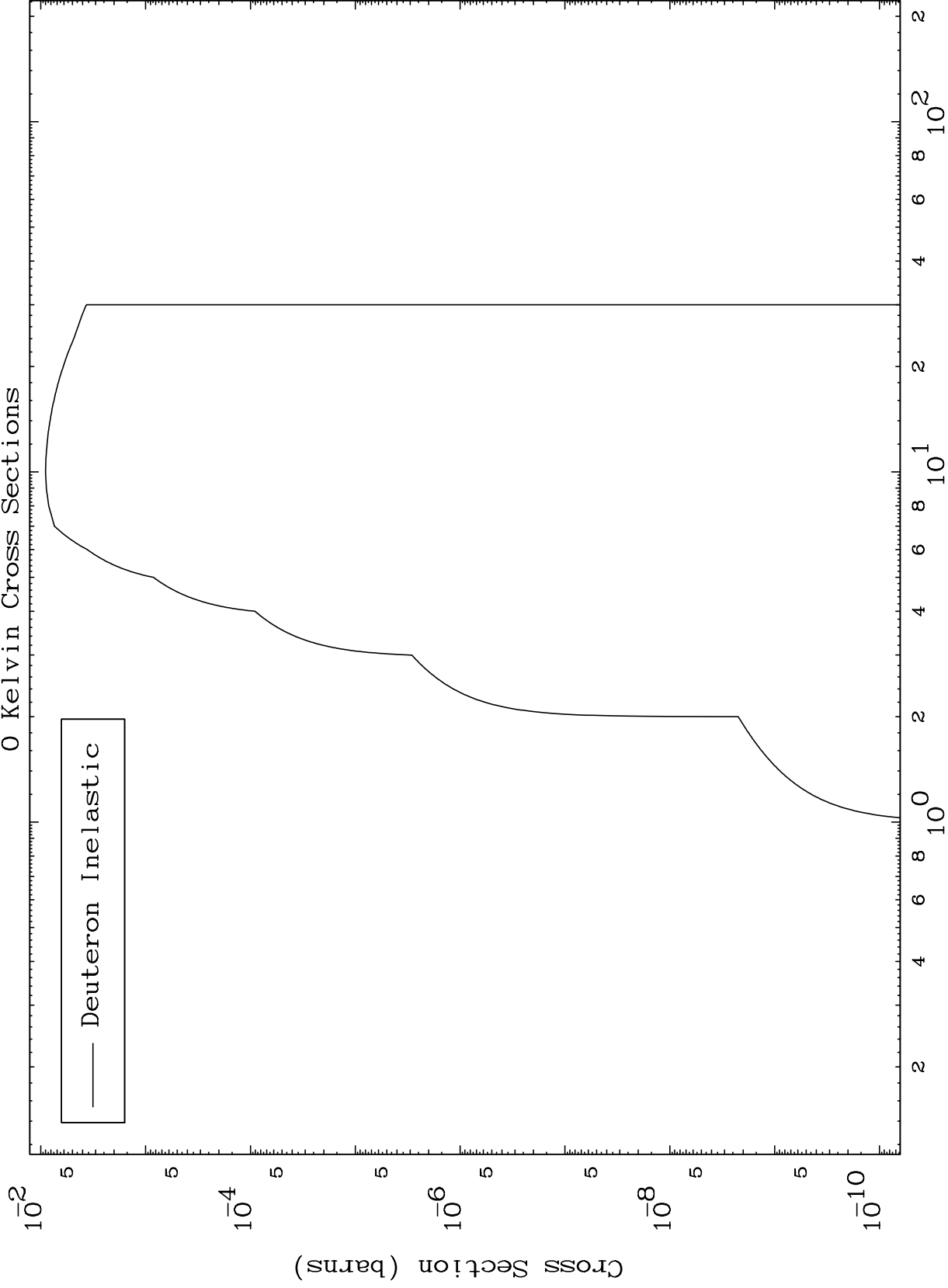


MAT 5159

(d,n') Level

51-Sb-132

0 Kelvin Cross Sections



6

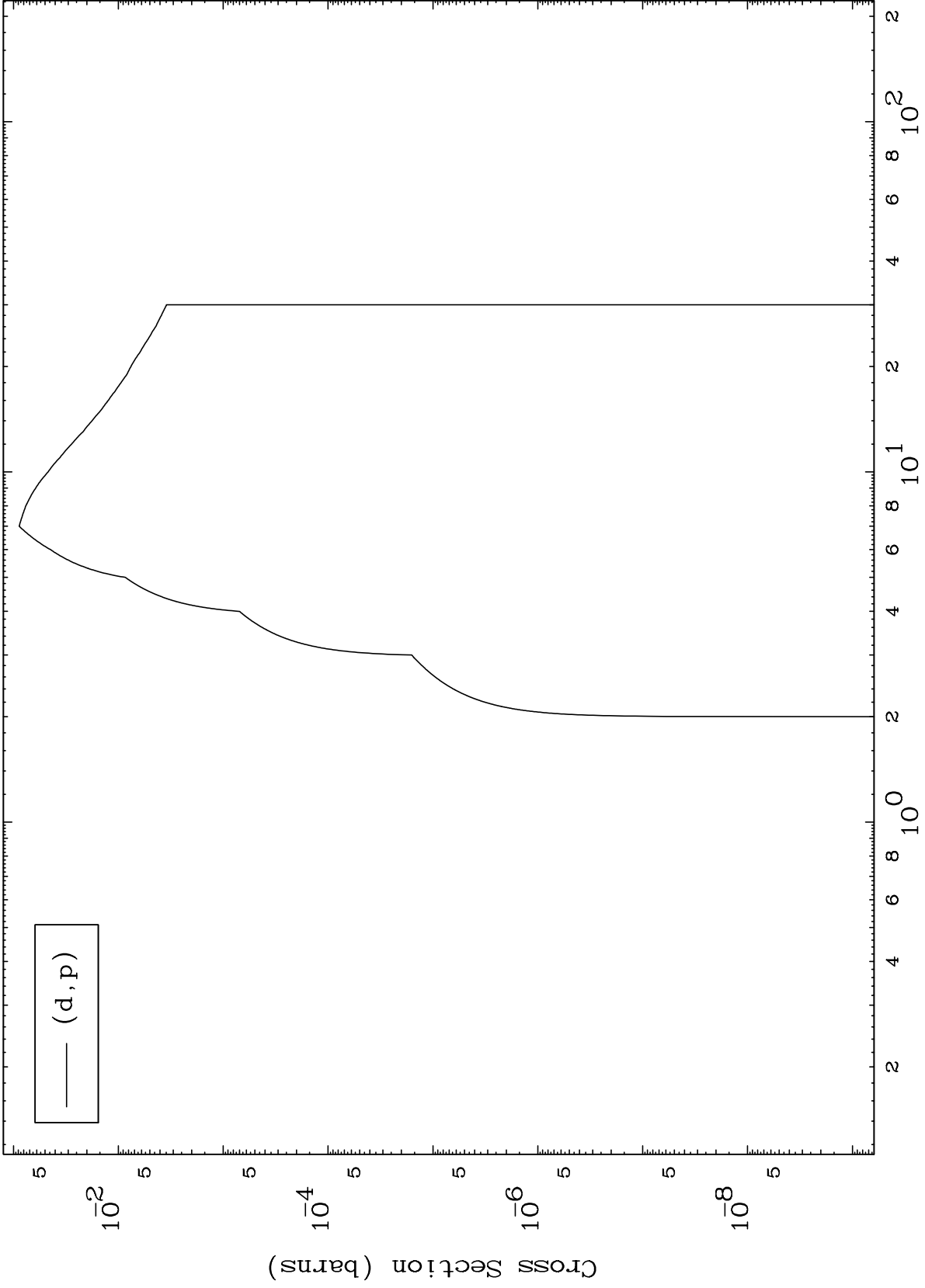
Incident Energy (MeV)

51-Sb-132

MAT 5159

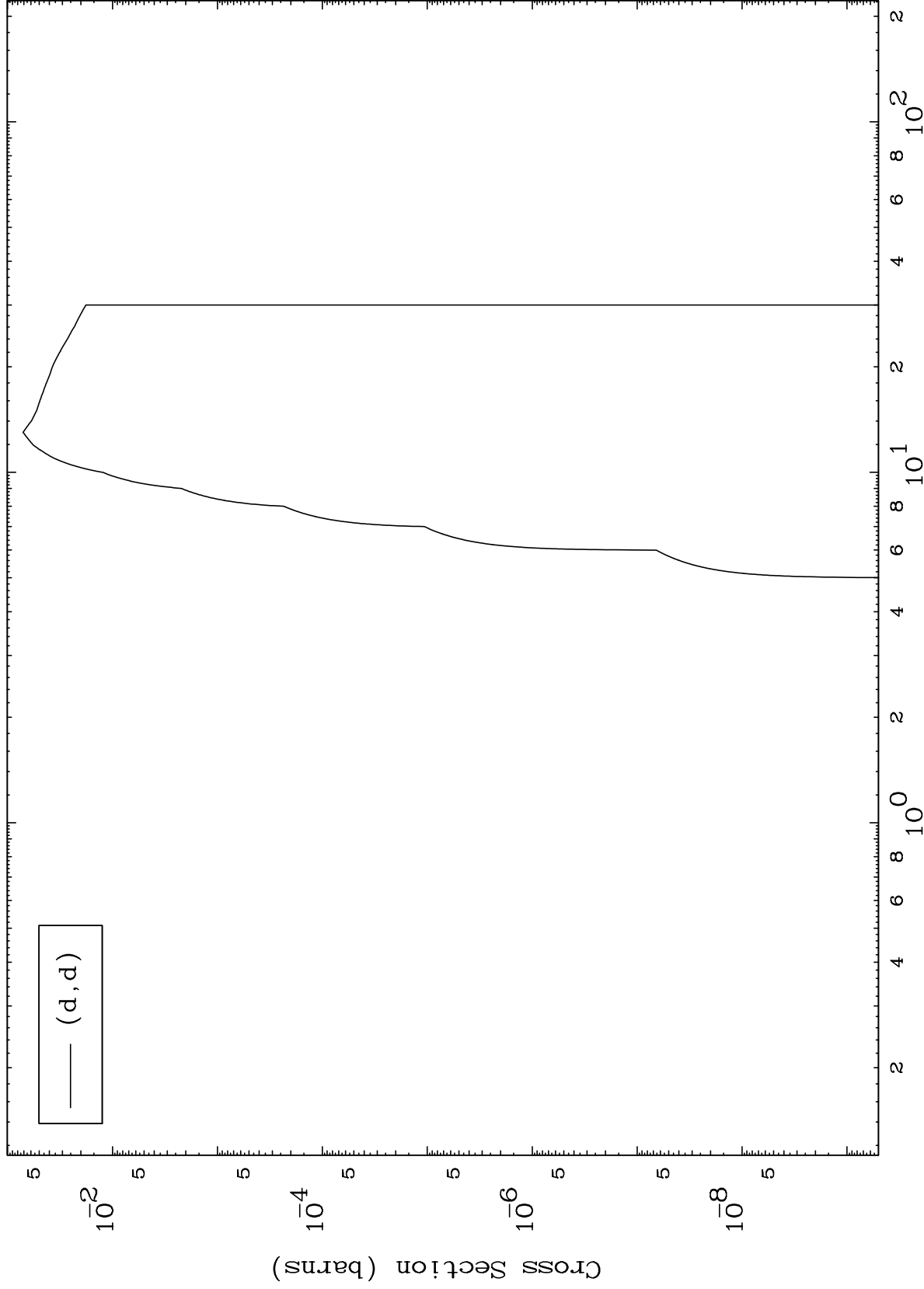
51-Sb-132

(d,p) Levels  
0 Kelvin Cross Sections





0 Kelvin Cross Sections

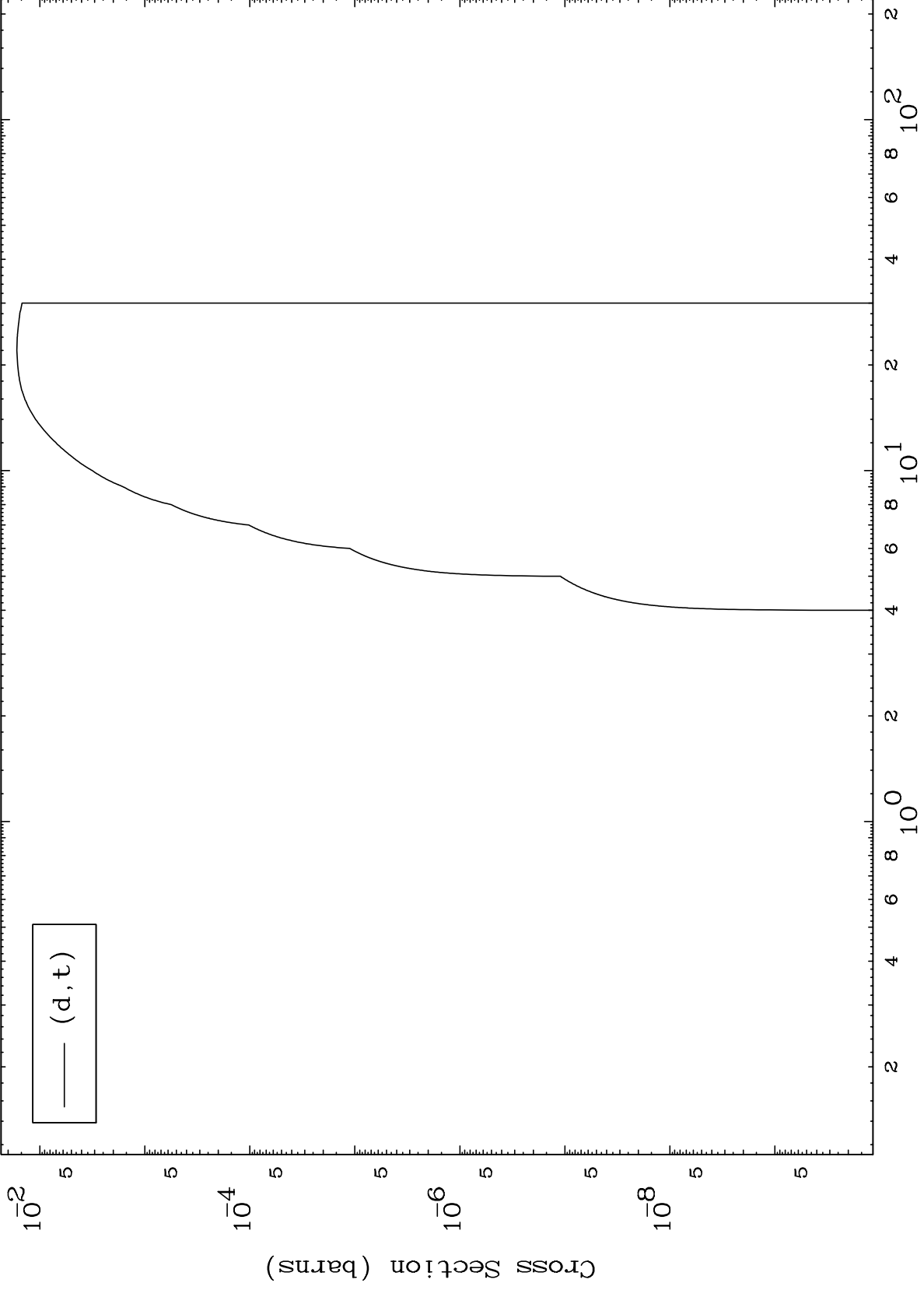


MAT 5159

(d, t) Levels

51-Sb-132

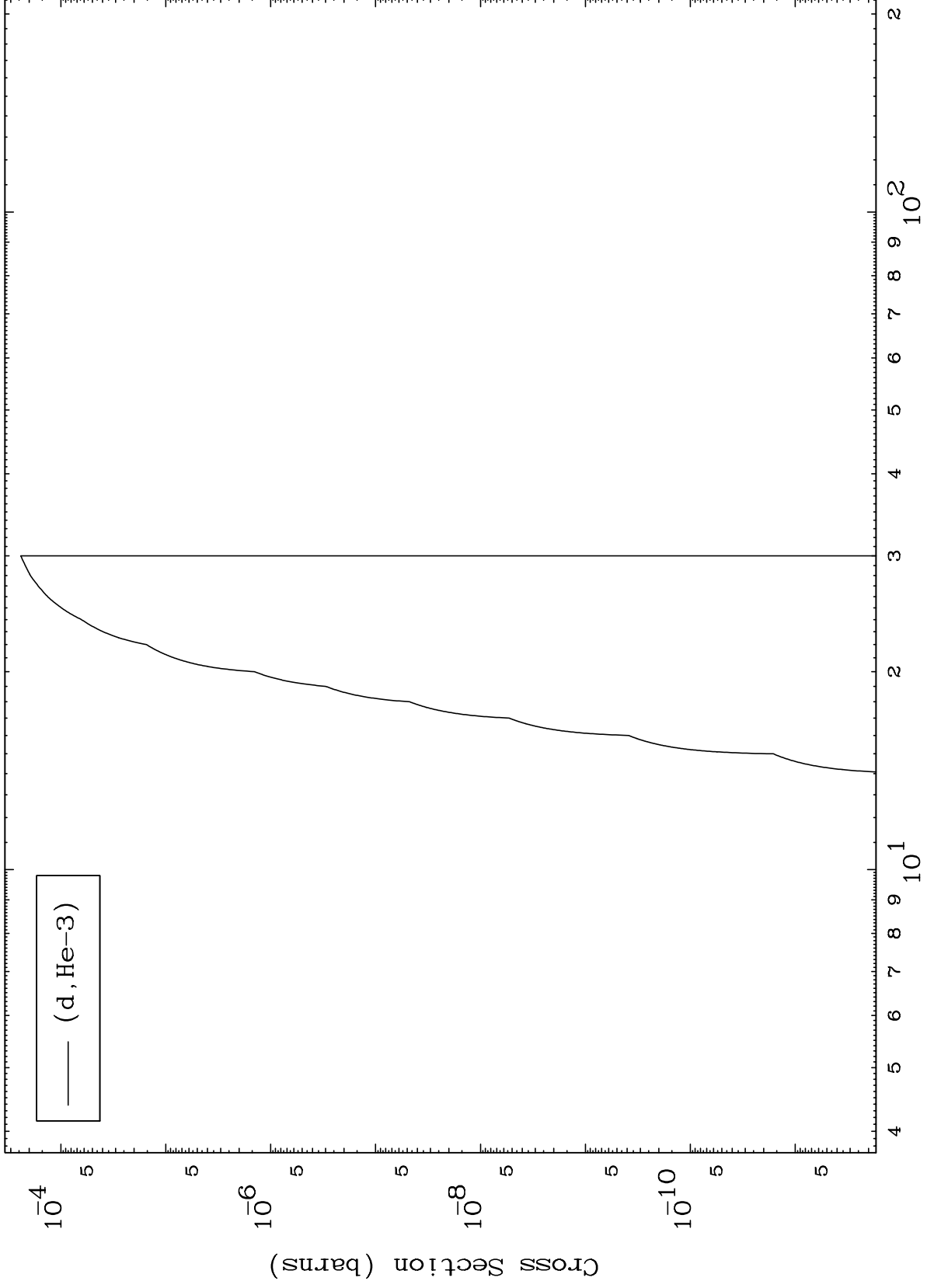
0 Kelvin Cross Sections



MAT 5159

(d,He3) Levels  
0 Kelvin Cross Sections

51-Sb-132



10

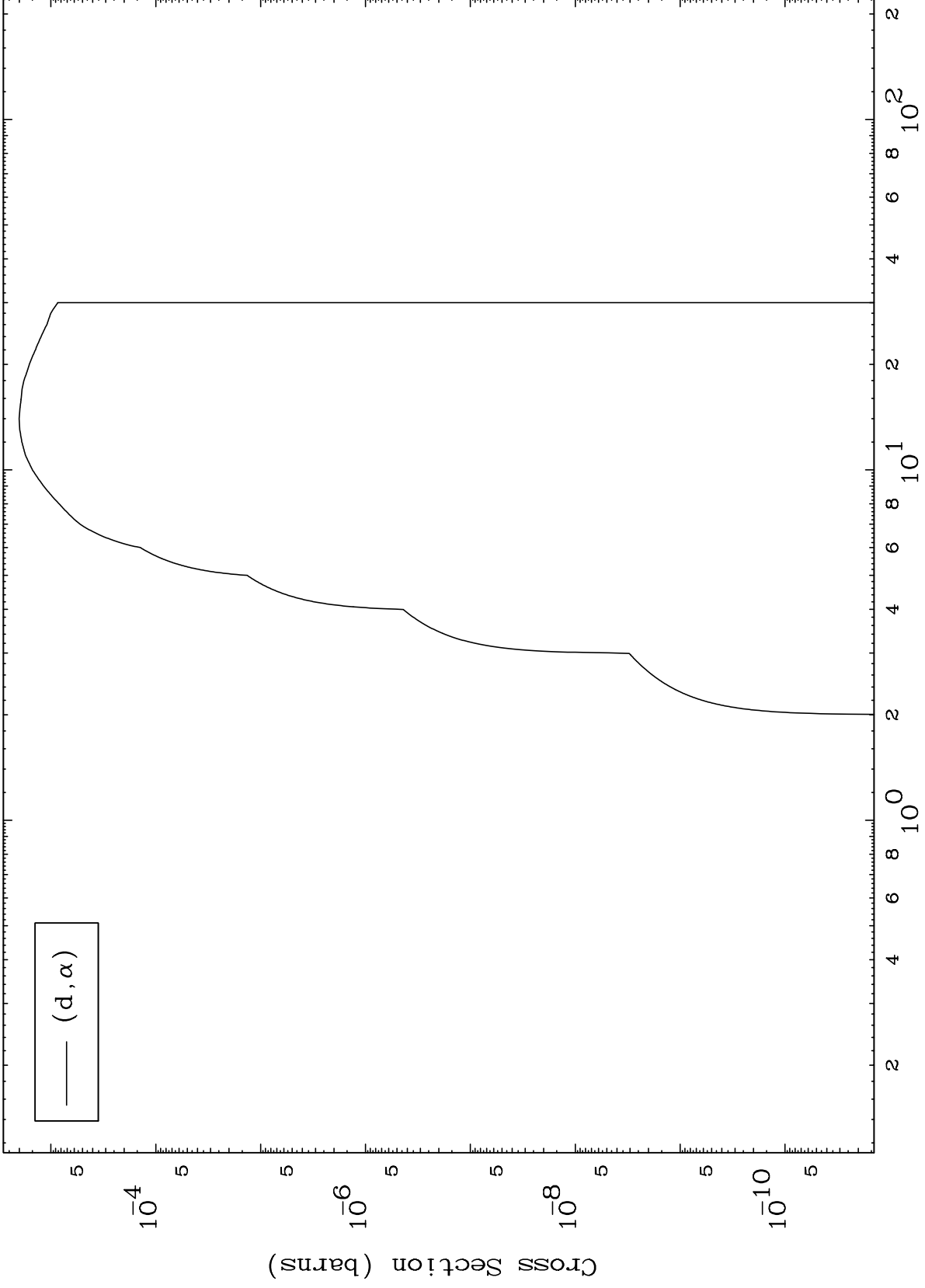
Incident Energy (MeV)

51-Sb-132

MAT 5159

51-Sb-132

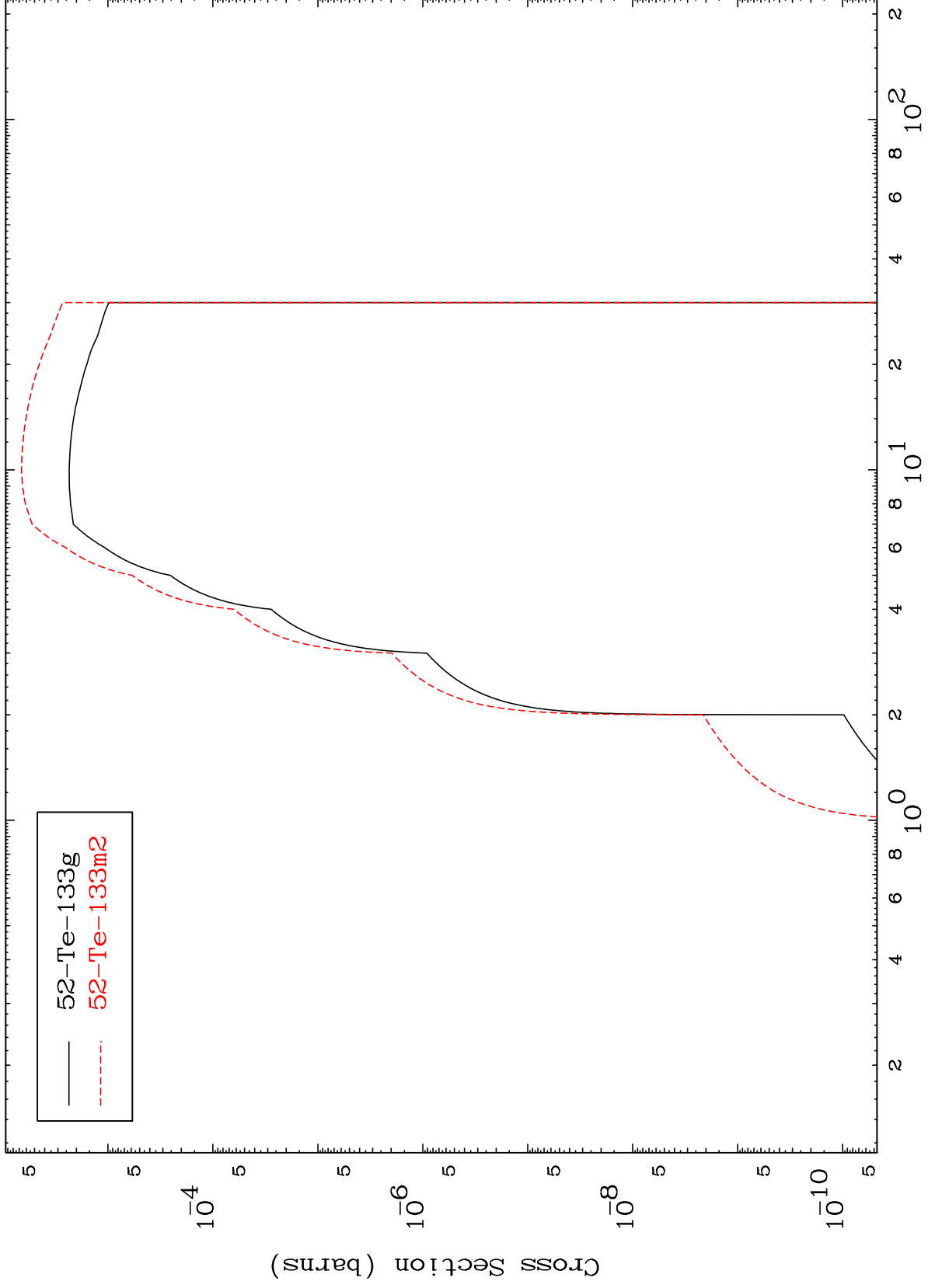
(d,  $\alpha$ ) Levels  
0 Kelvin Cross Sections



MAT 5159

Radionuclide Production Cross Section  
Deuteron Inelastic

51-Sb-132



12

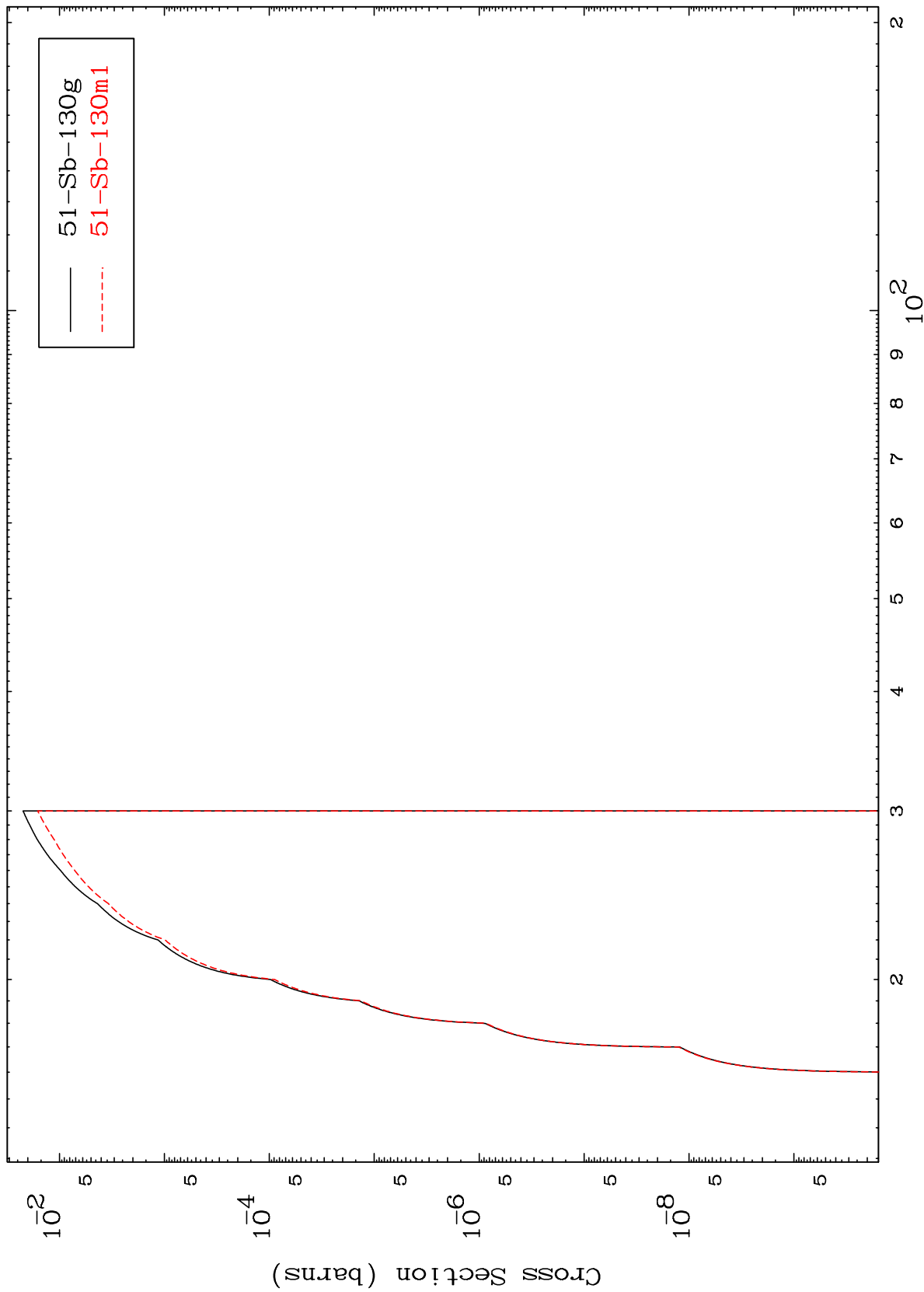
51-Sb-132

MAT 5159

(d,2n) d

51-Sb-132

Radionuclide Production Cross Section



13

Incident Energy (MeV)

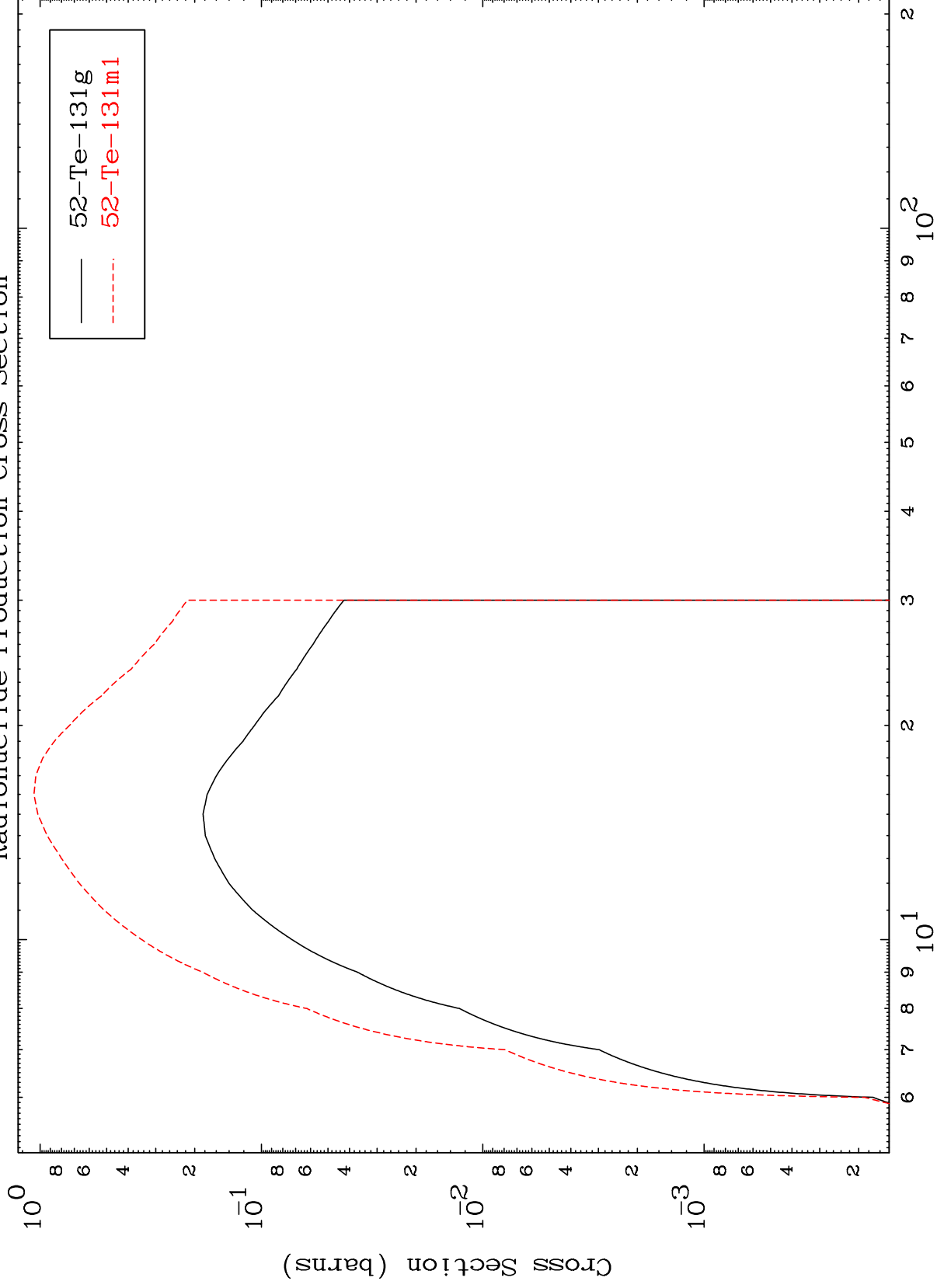
51-Sb-132

MAT 5159

(d,3n)

51-Sb-132

Radionuclide Production Cross Section



14

Incident Energy (MeV)

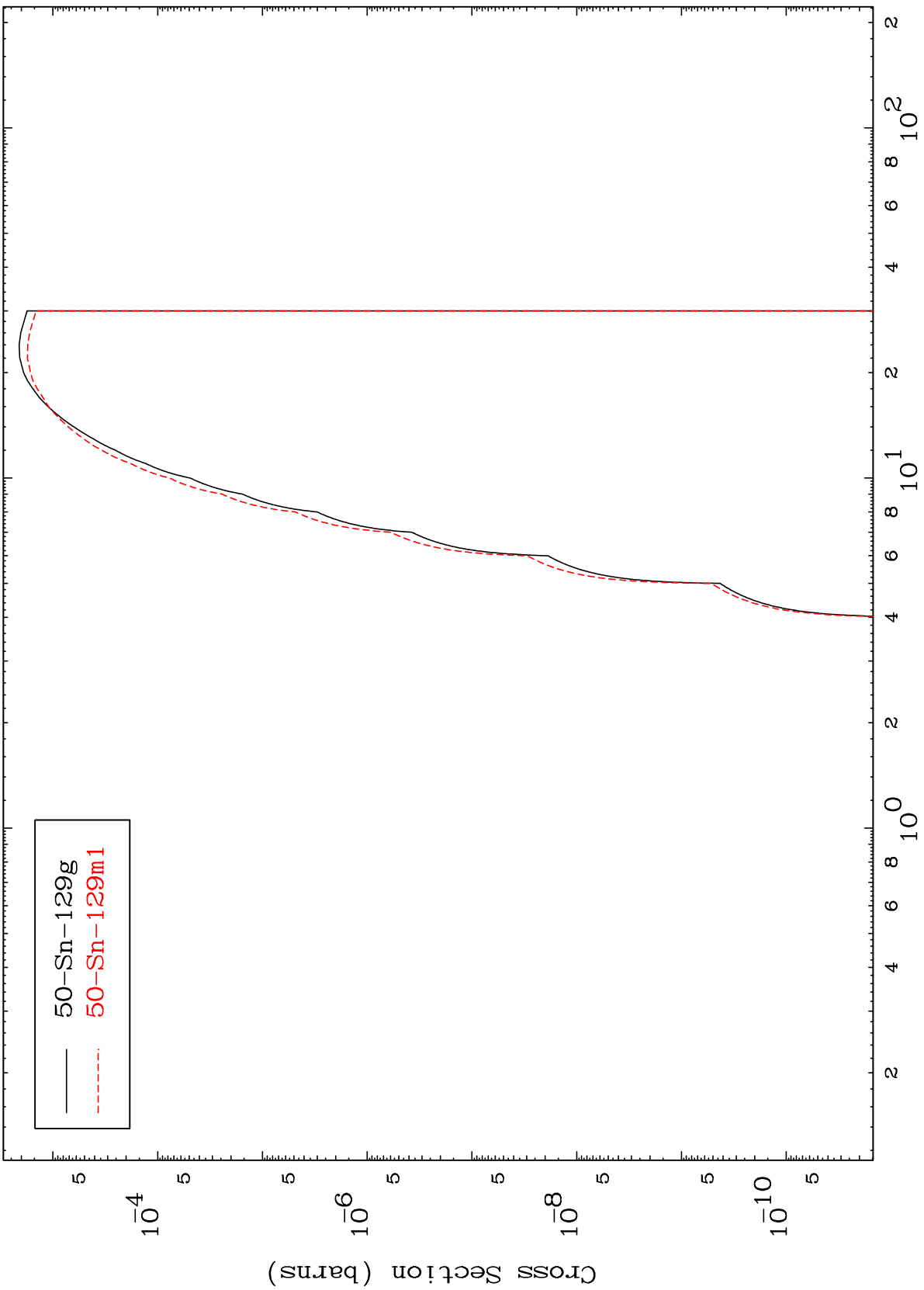
51-Sb-132

MAT 5159

(d,n')  $\alpha$

51-Sb-132

Radionuclide Production Cross Section



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

15

Incident Energy (MeV)

51-Sb-132

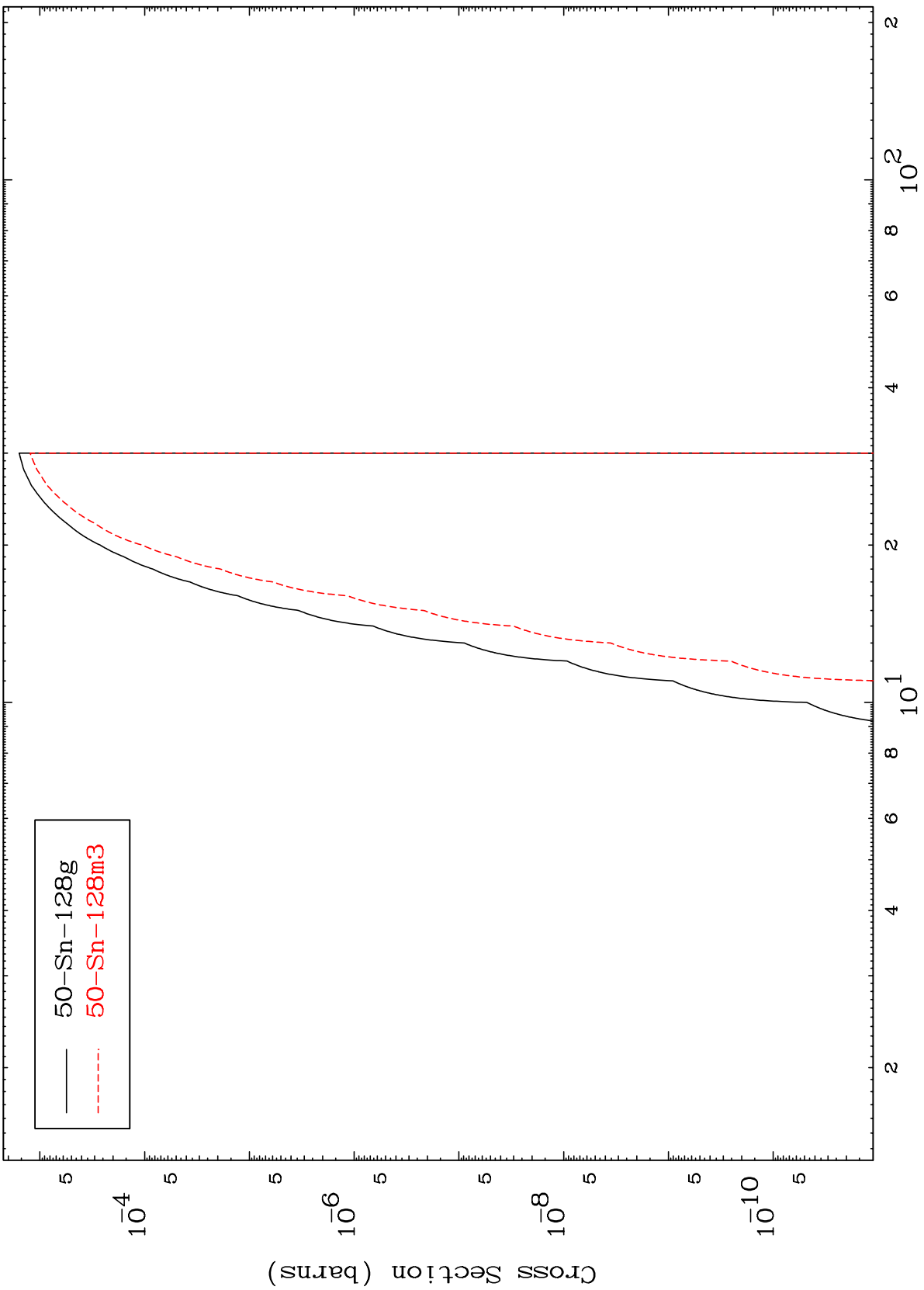


MAT 5159

(d,2n)  $\alpha$

51-Sb-132

Radionuclide Production Cross Section



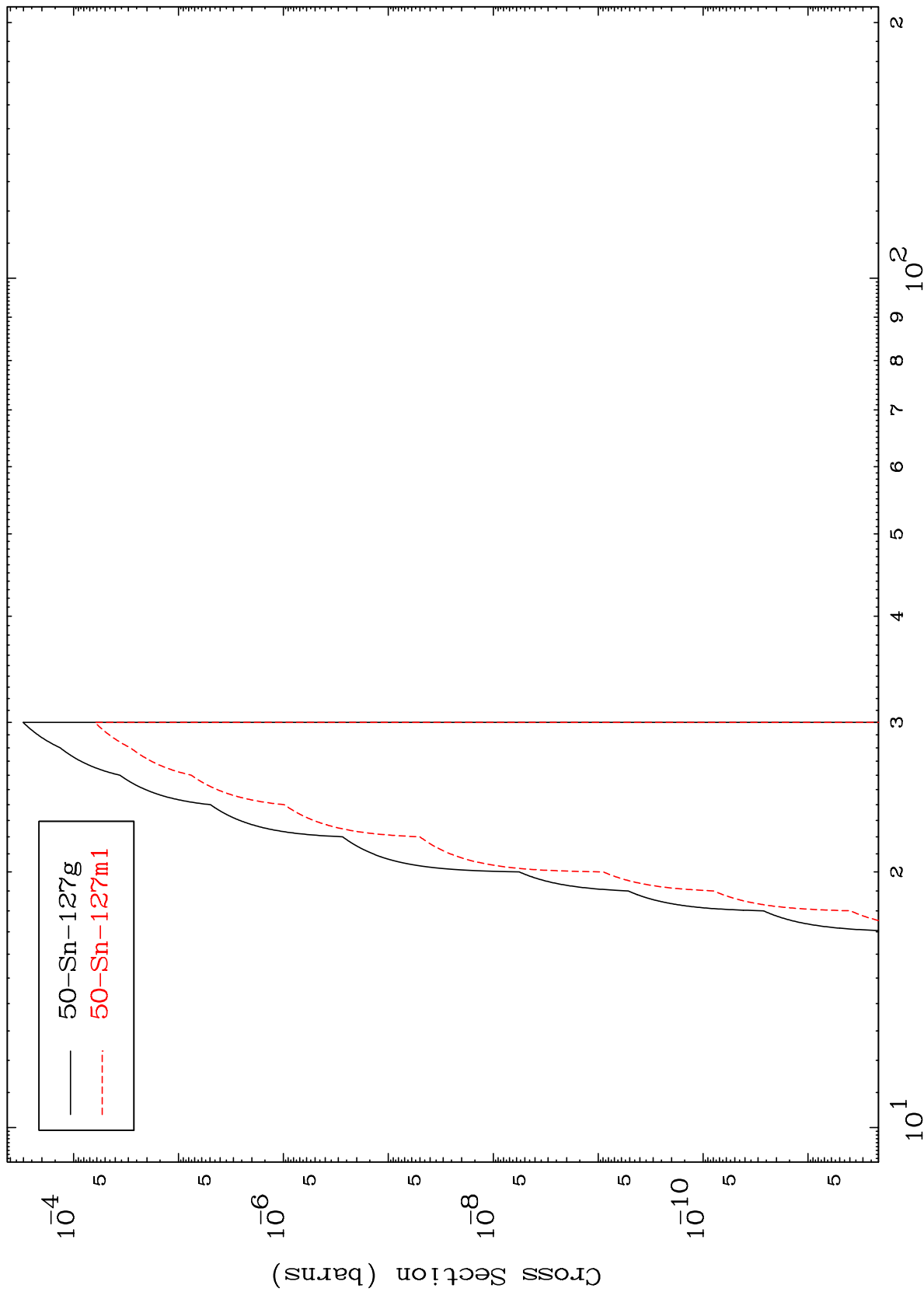
50-Sn-128g  
50-Sn-128m3

MAT 5159

(d,3n)  $\alpha$

51-Sb-132

Radionuclide Production Cross Section



50-Sn-127g  
50-Sn-127m1

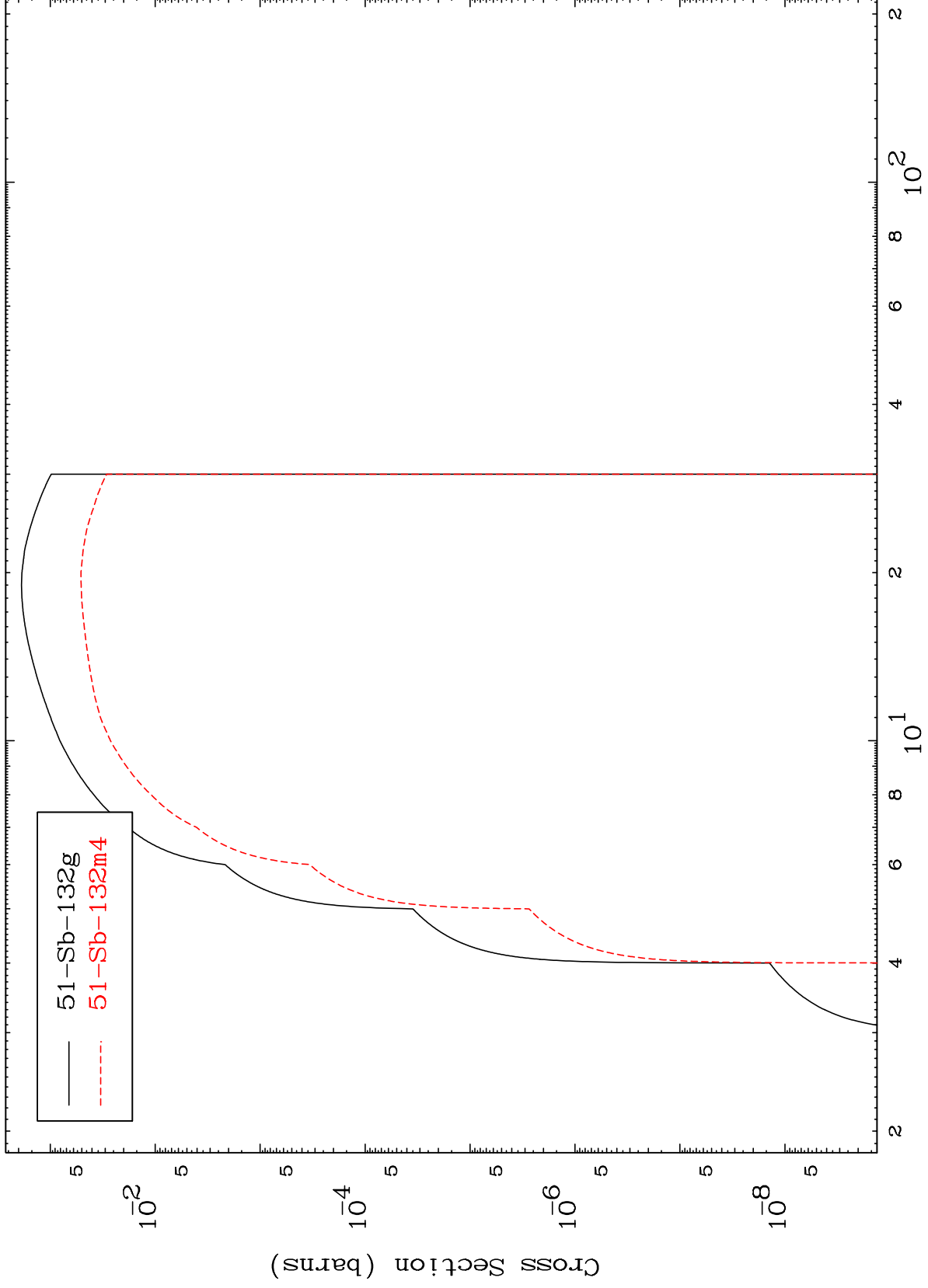
Incident Energy (MeV)

51-Sb-132

MAT 5159

51-Sb-132

(d,n') p  
Radionuclide Production Cross Section



18

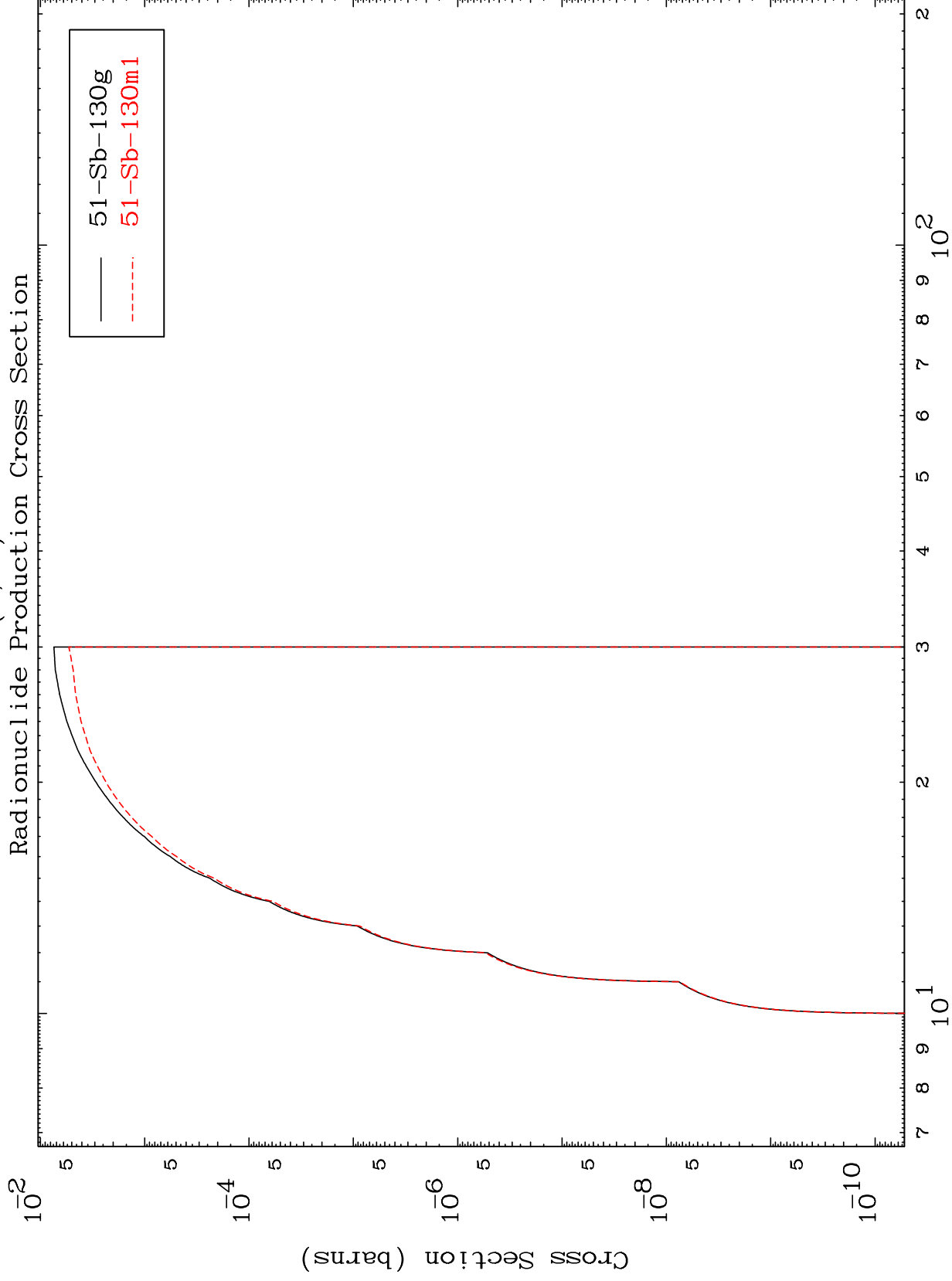
Incident Energy (MeV)

51-Sb-132

MAT 5159

(d,n') t

51-Sb-132



19

Incident Energy (MeV)

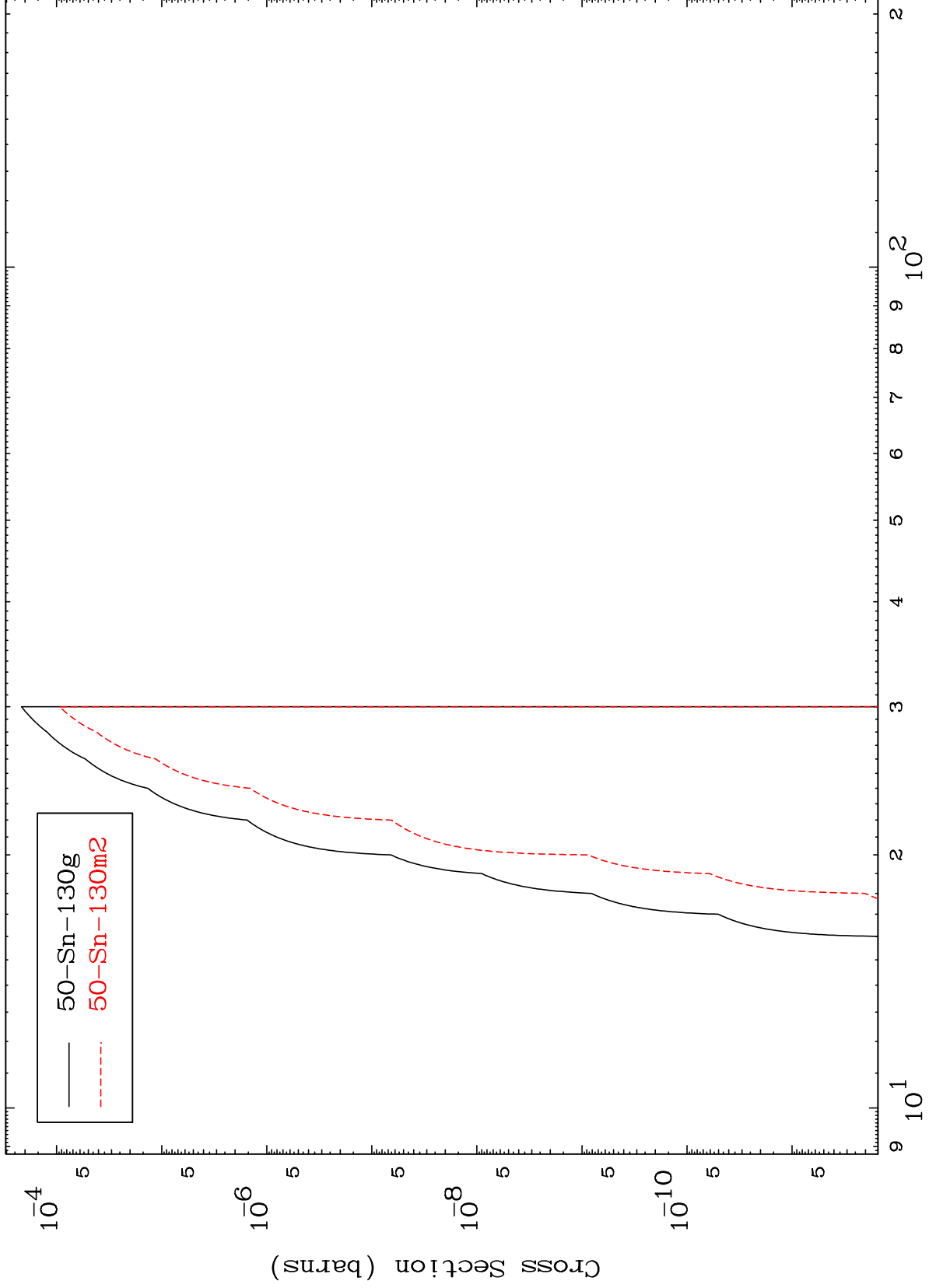
51-Sb-132

MAT 5159

(d,n') He-3

51-Sb-132

Radionuclide Production Cross Section



20

Incident Energy (MeV)

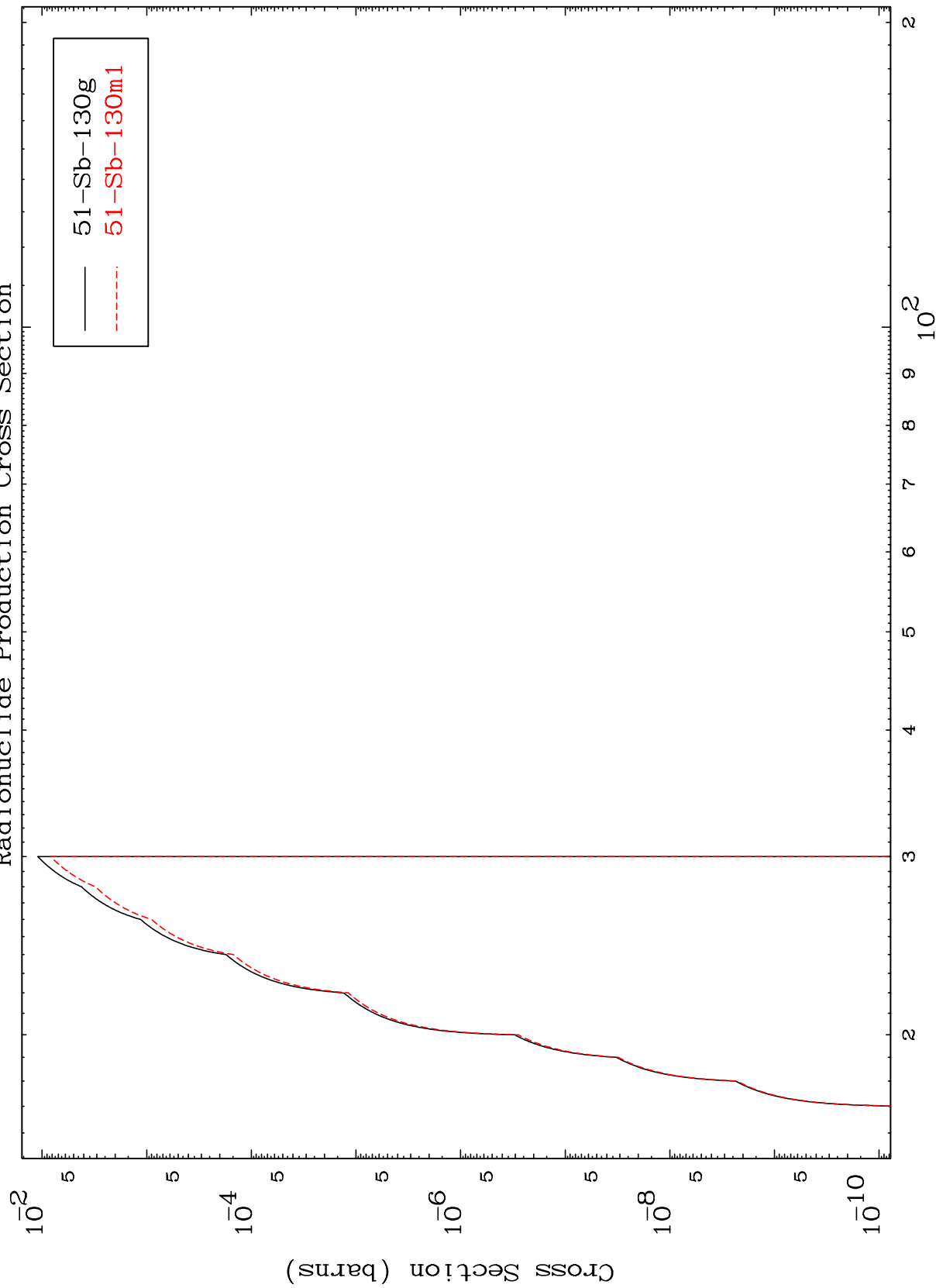
51-Sb-132

MAT 5159

(d,3n) p

51-Sb-132

Radionuclide Production Cross Section



21

Incident Energy (MeV)

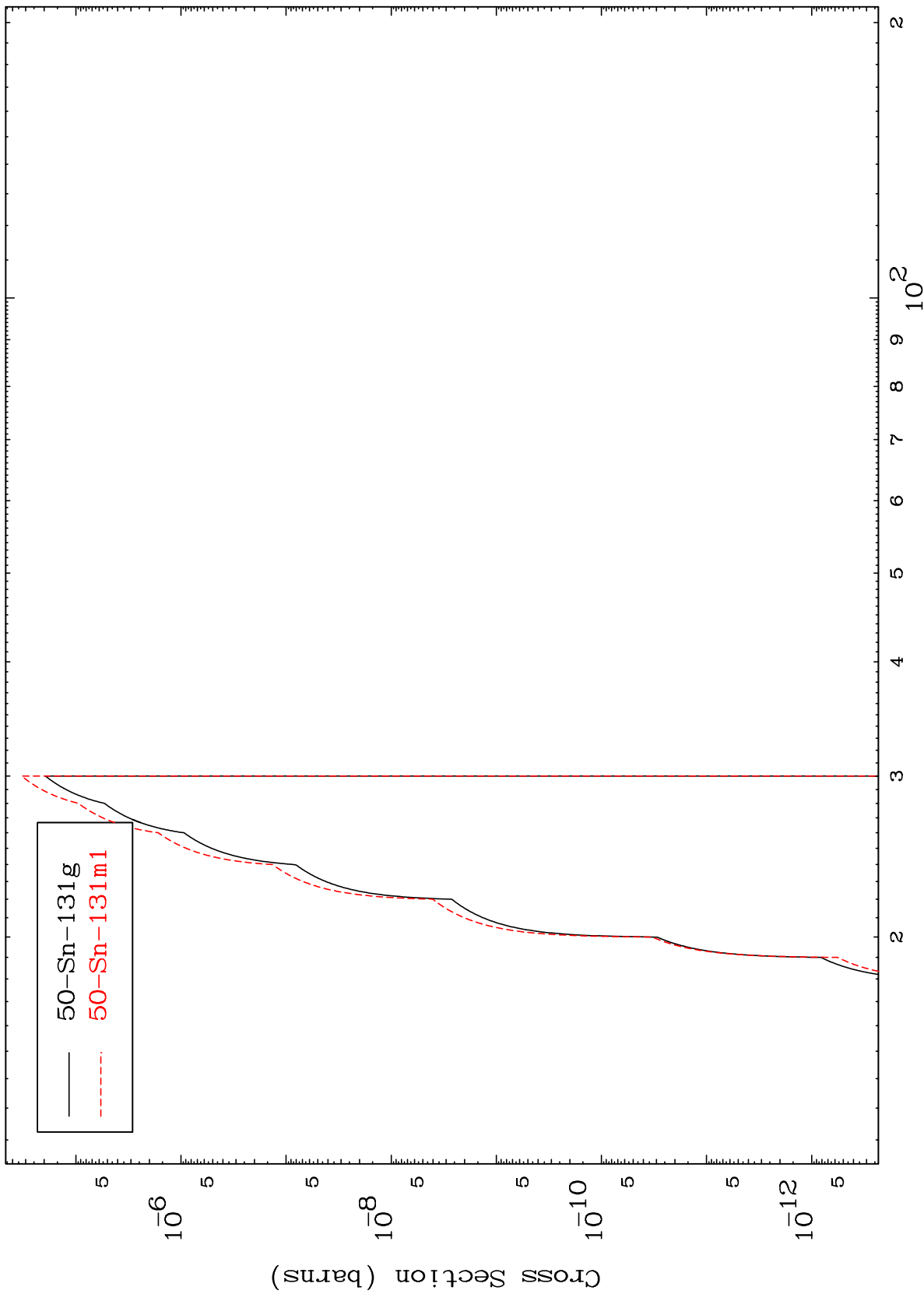
51-Sb-132

MAT 5159

(d,2n) p

51-Sb-132

Radionuclide Production Cross Section



Incident Energy (MeV)

51-Sb-132

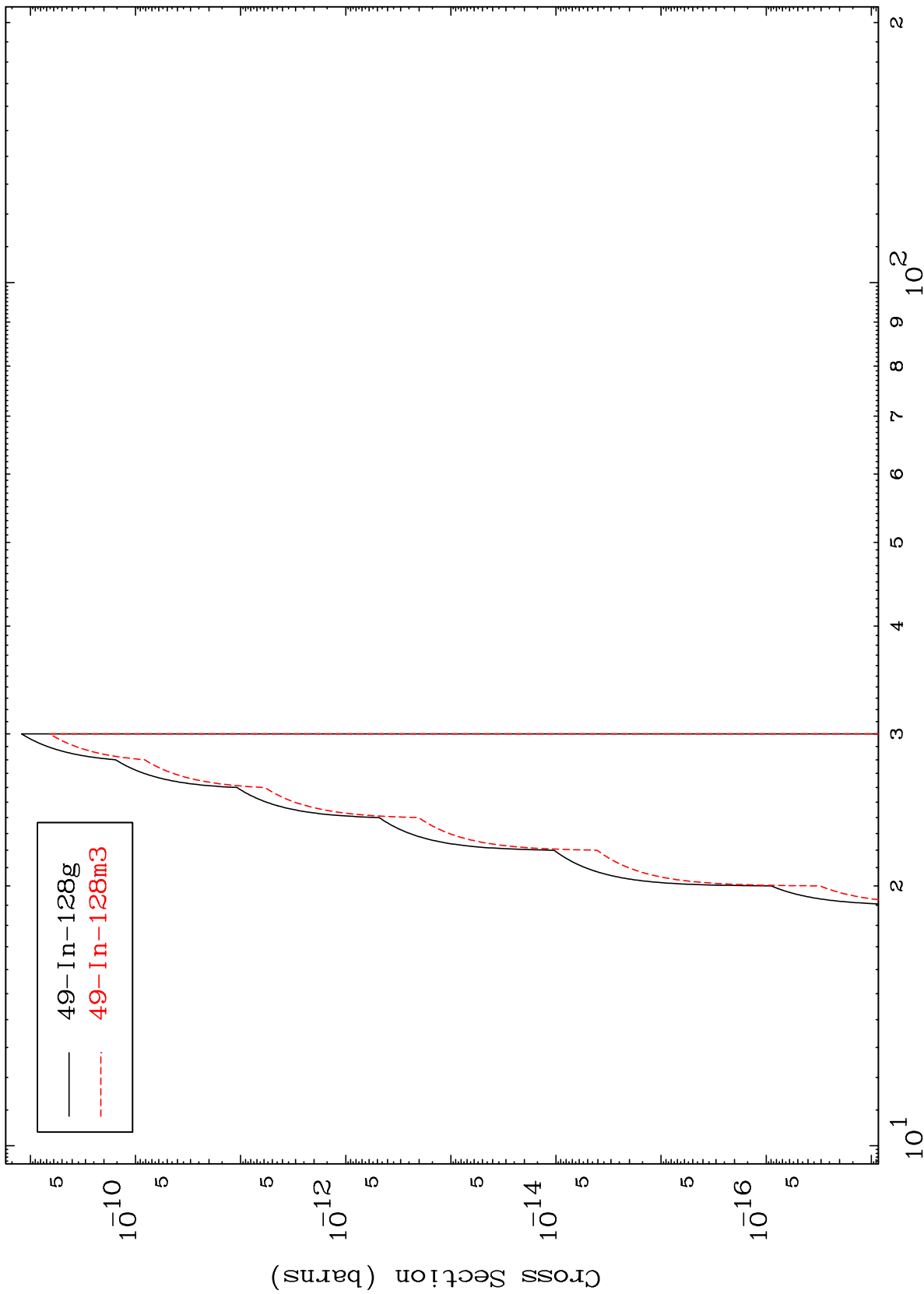
22

MAT 5159

(d,n') p  $\alpha$

51-Sb-132

Radionuclide Production Cross Section



Incident Energy (MeV)

51-Sb-132

23

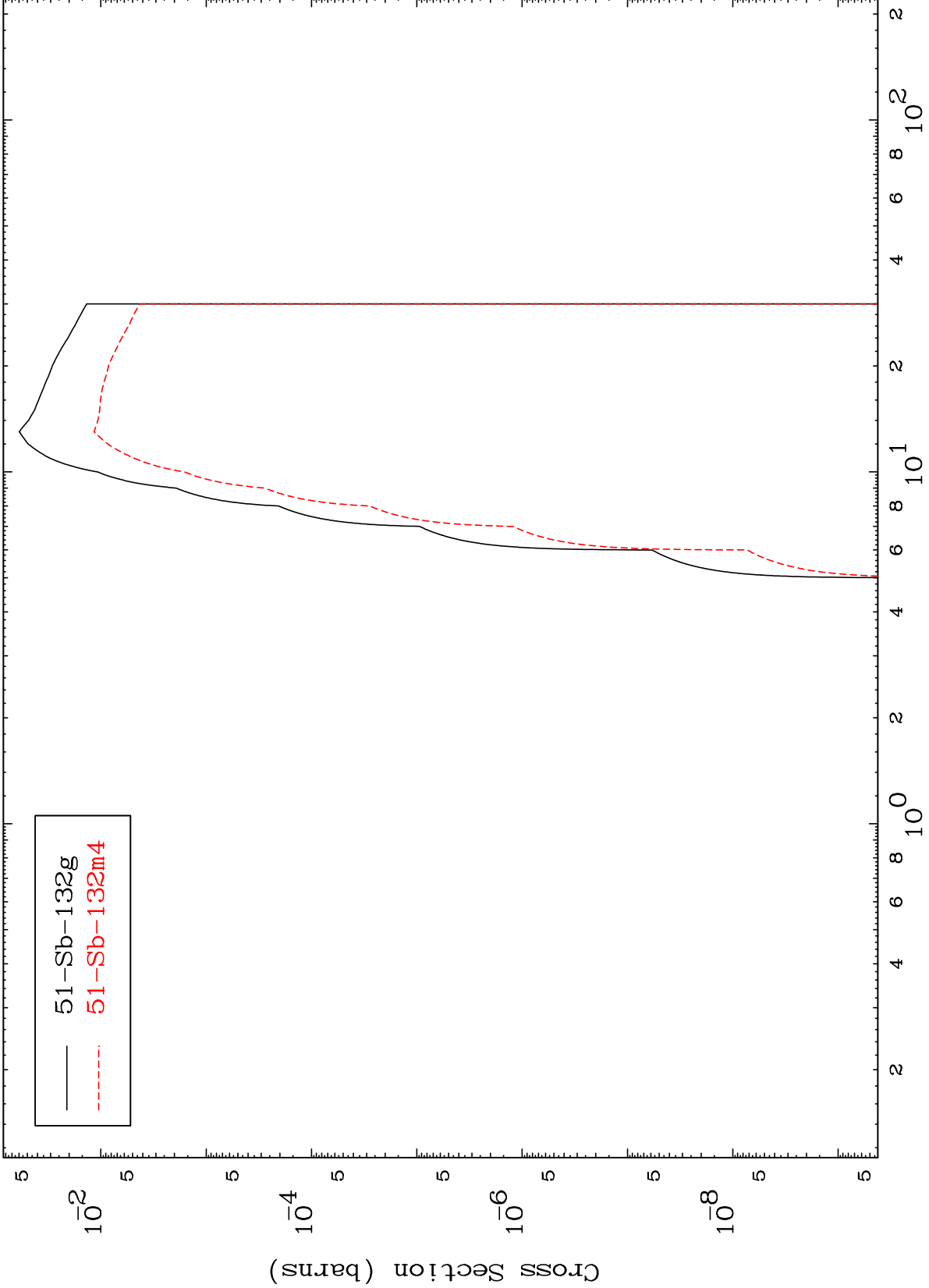


MAT 5159

(d,d)

51-Sb-132

Radionuclide Production Cross Section



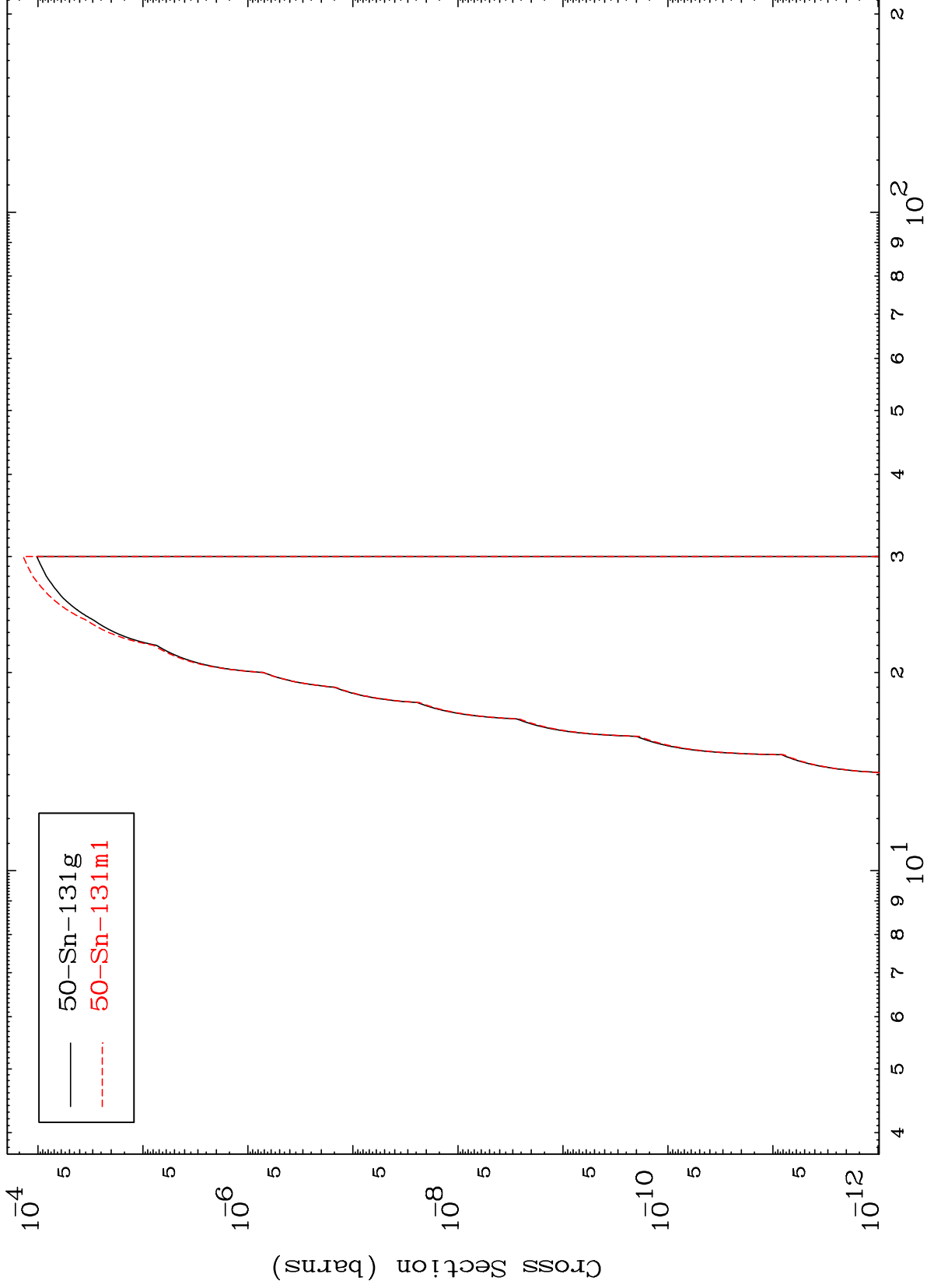
51-Sb-132g  
51-Sb-132m4

MAT 5159

(d,He-3)

51-Sb-132

Radionuclide Production Cross Section



25

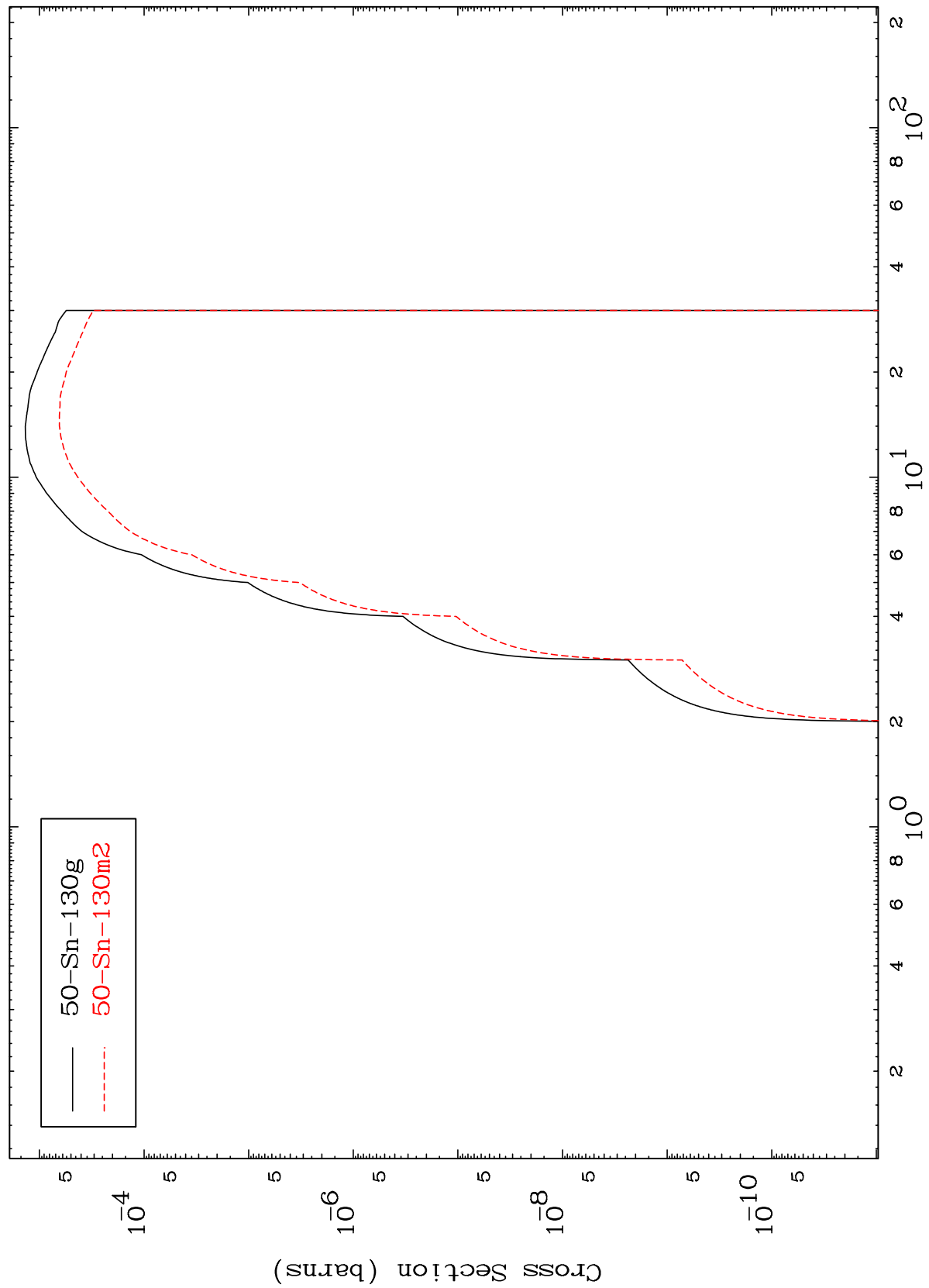
Incident Energy (MeV)

51-Sb-132

MAT 5159

51-Sb-132

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



26

51-Sb-132

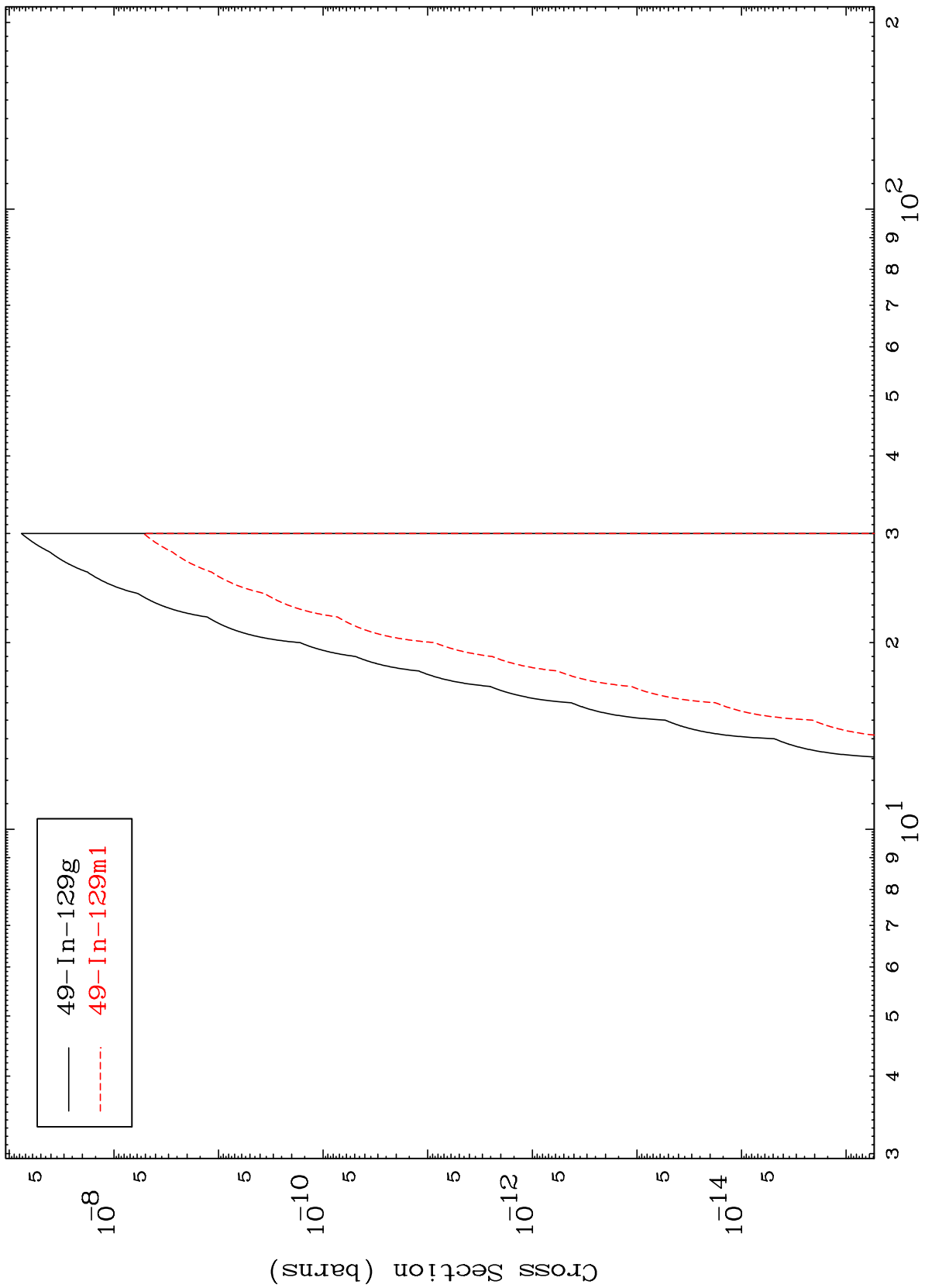
Incident Energy (MeV)

MAT 5159

(d,p)  $\alpha$

51-Sb-132

Radionuclide Production Cross Section



— 49-In-129g  
- - - 49-In-129m1

27

Incident Energy (MeV)

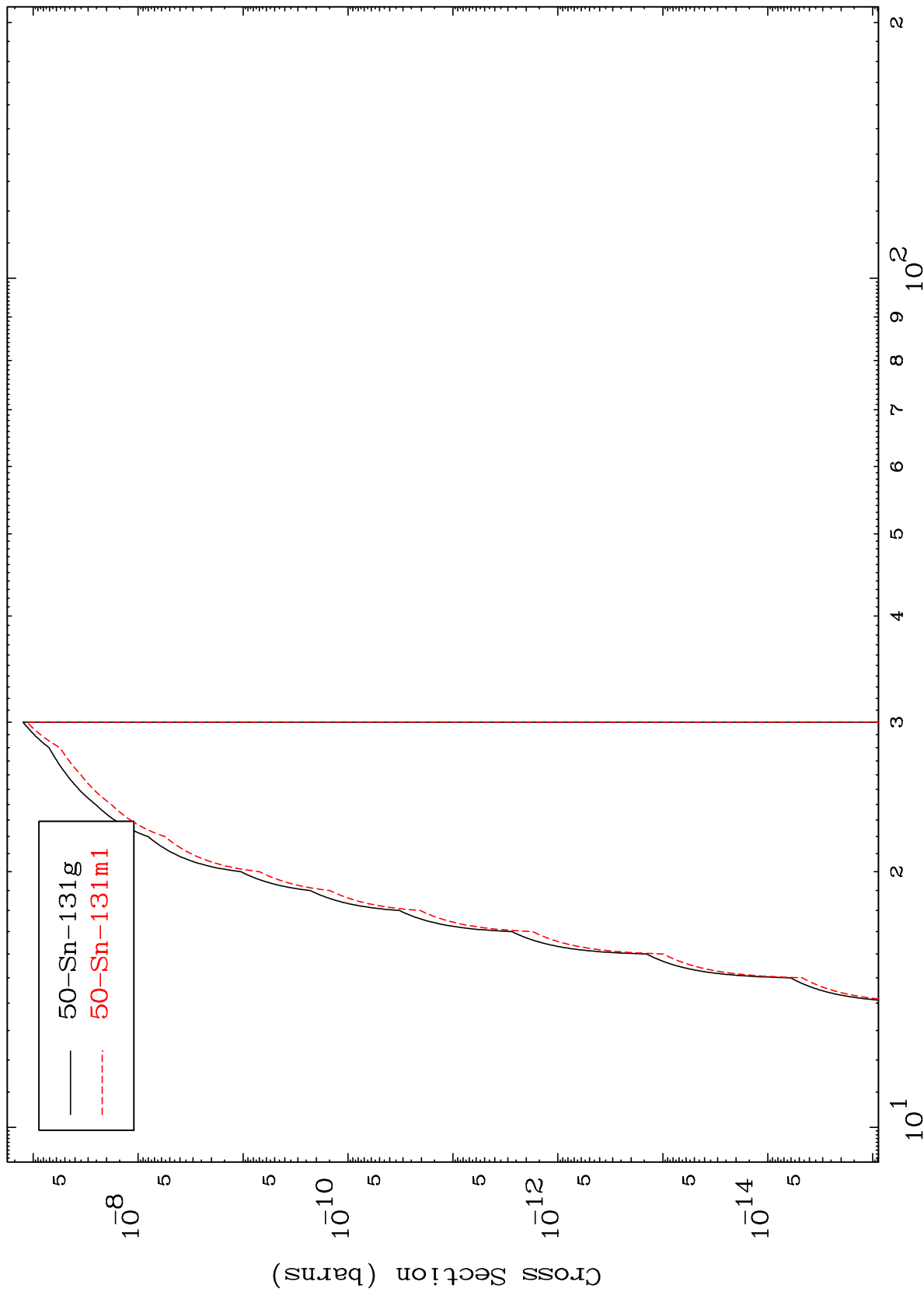
51-Sb-132

MAT 5159

(d,p) d

51-Sb-132

Radionuclide Production Cross Section



28

Incident Energy (MeV)

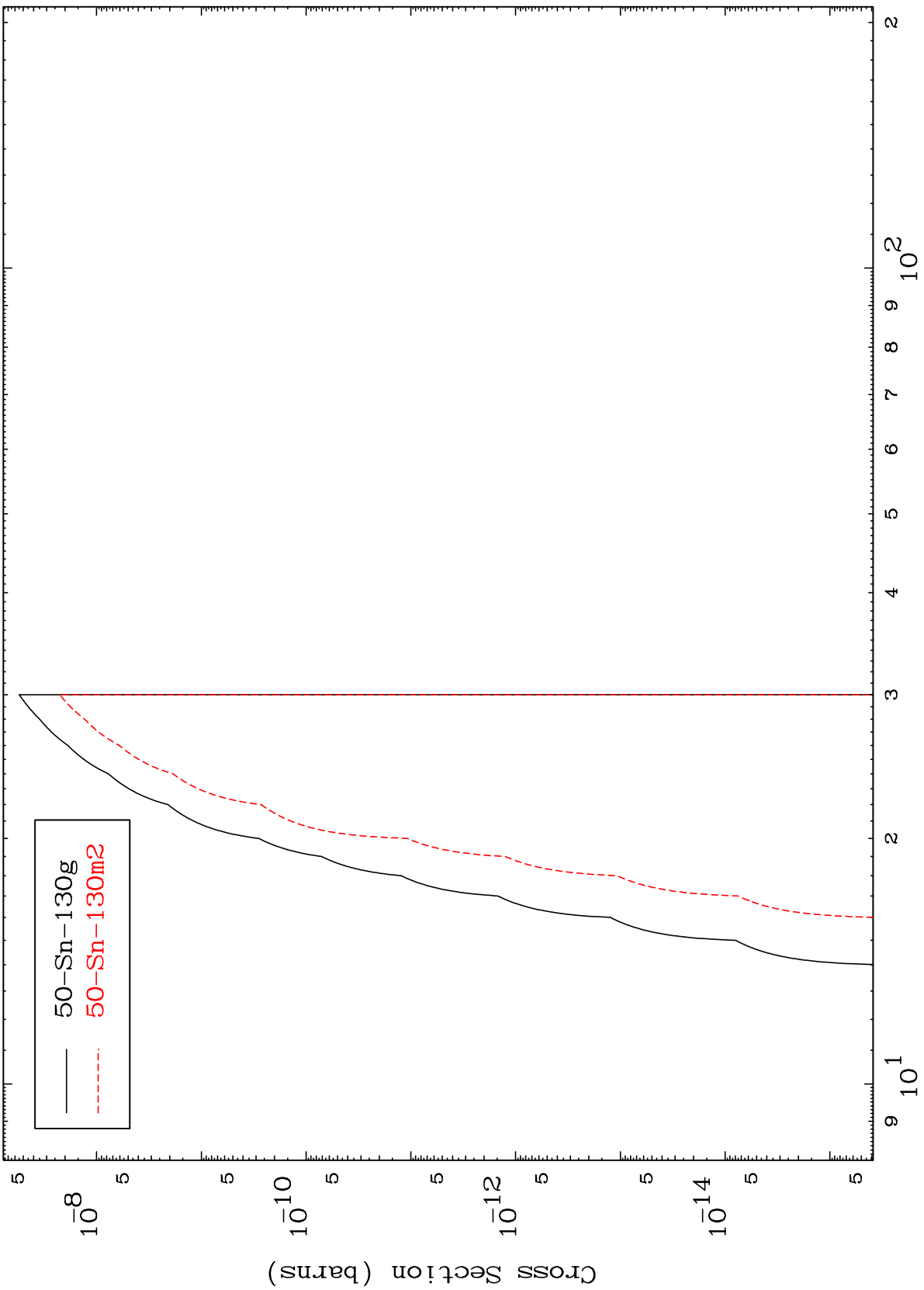
51-Sb-132

MAT 5159

(d,p) t

51-Sb-132

Radionuclide Production Cross Section



29

Incident Energy (MeV)

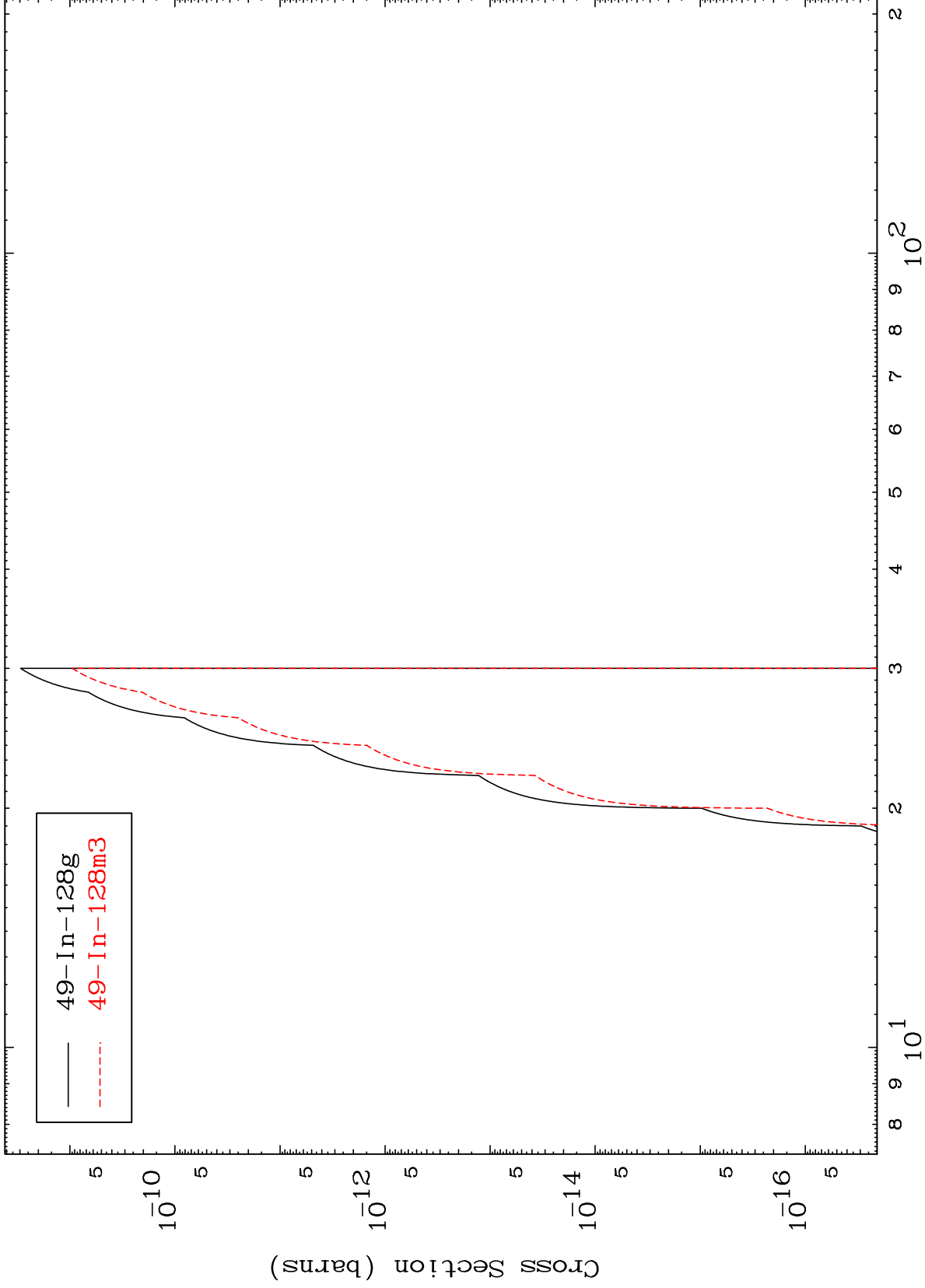
51-Sb-132

MAT 5159

(d,d)  $\alpha$

51-Sb-132

Radionuclide Production Cross Section



30

Incident Energy (MeV)

51-Sb-132