

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](mailto:redcullen1@comcast.net)

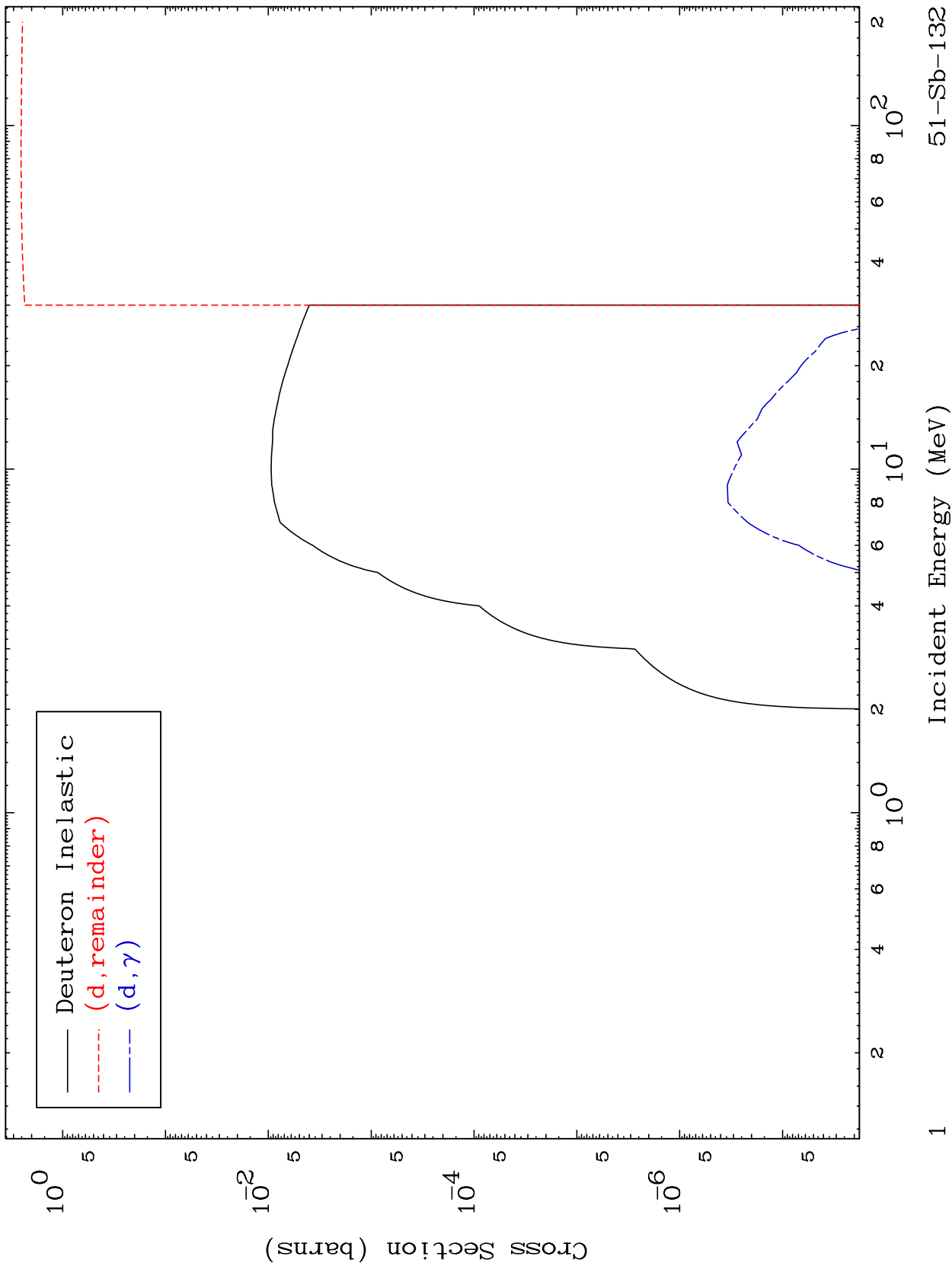
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

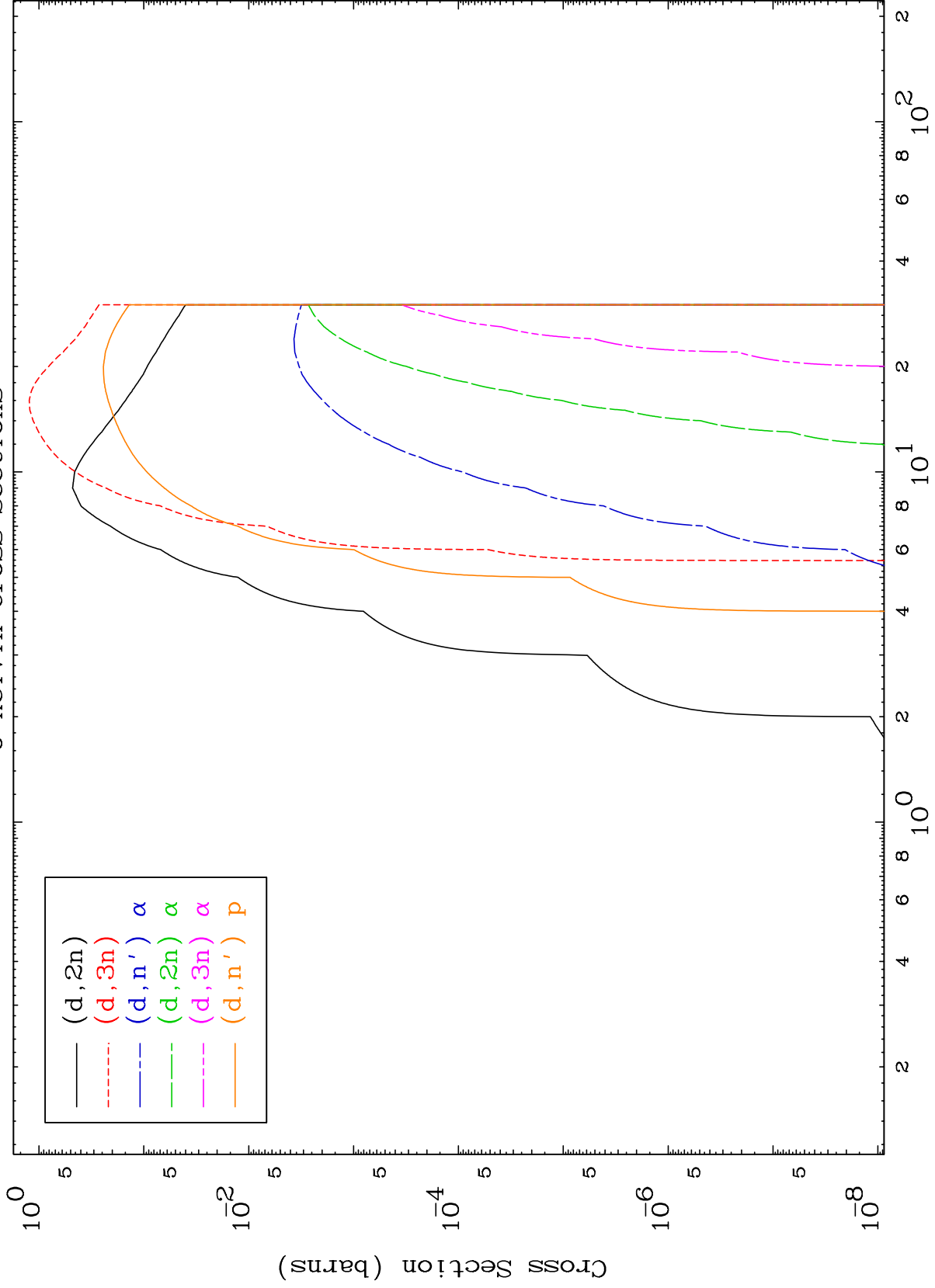
Press Mouse Button to Start

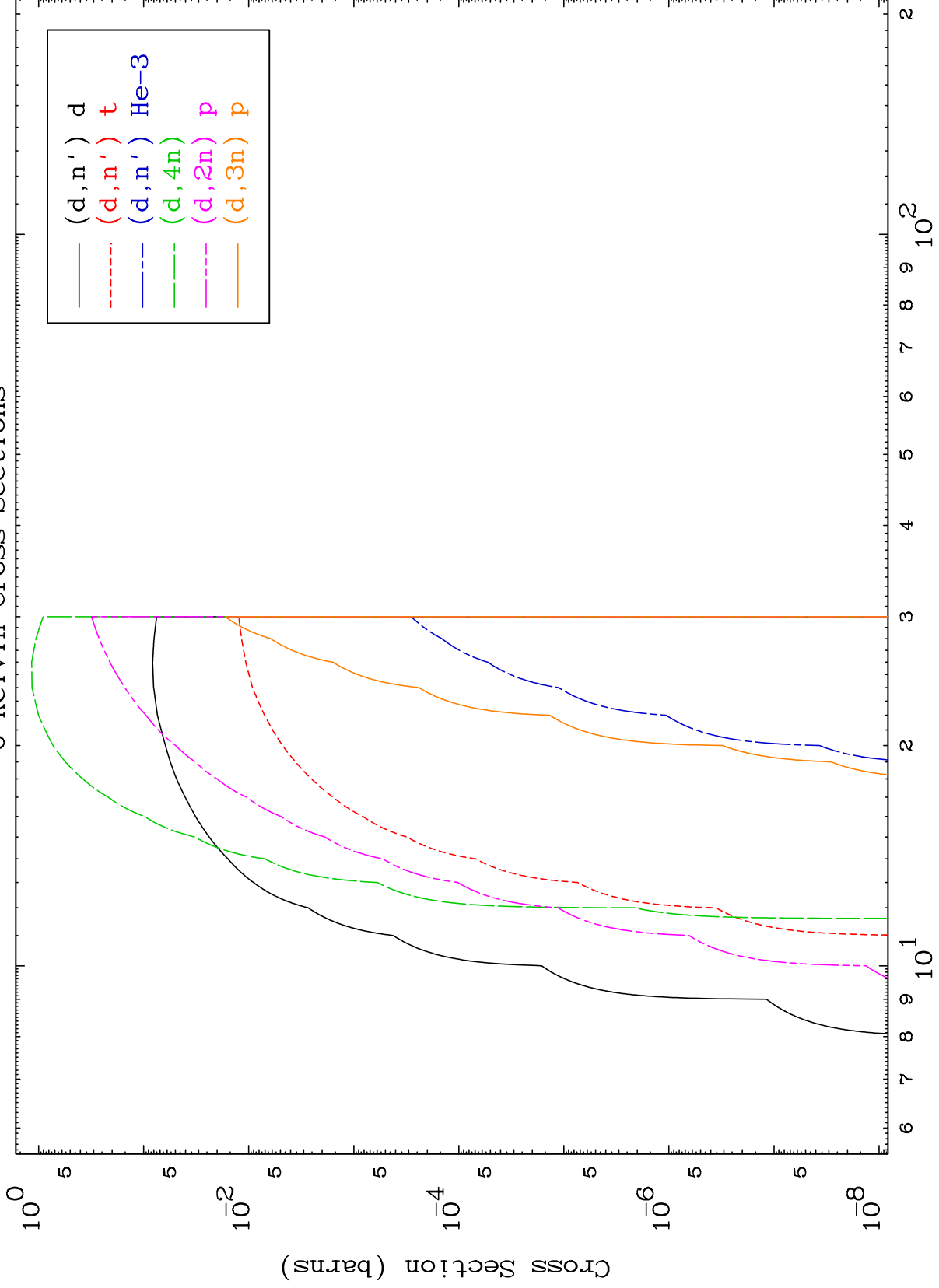
MAT 5158

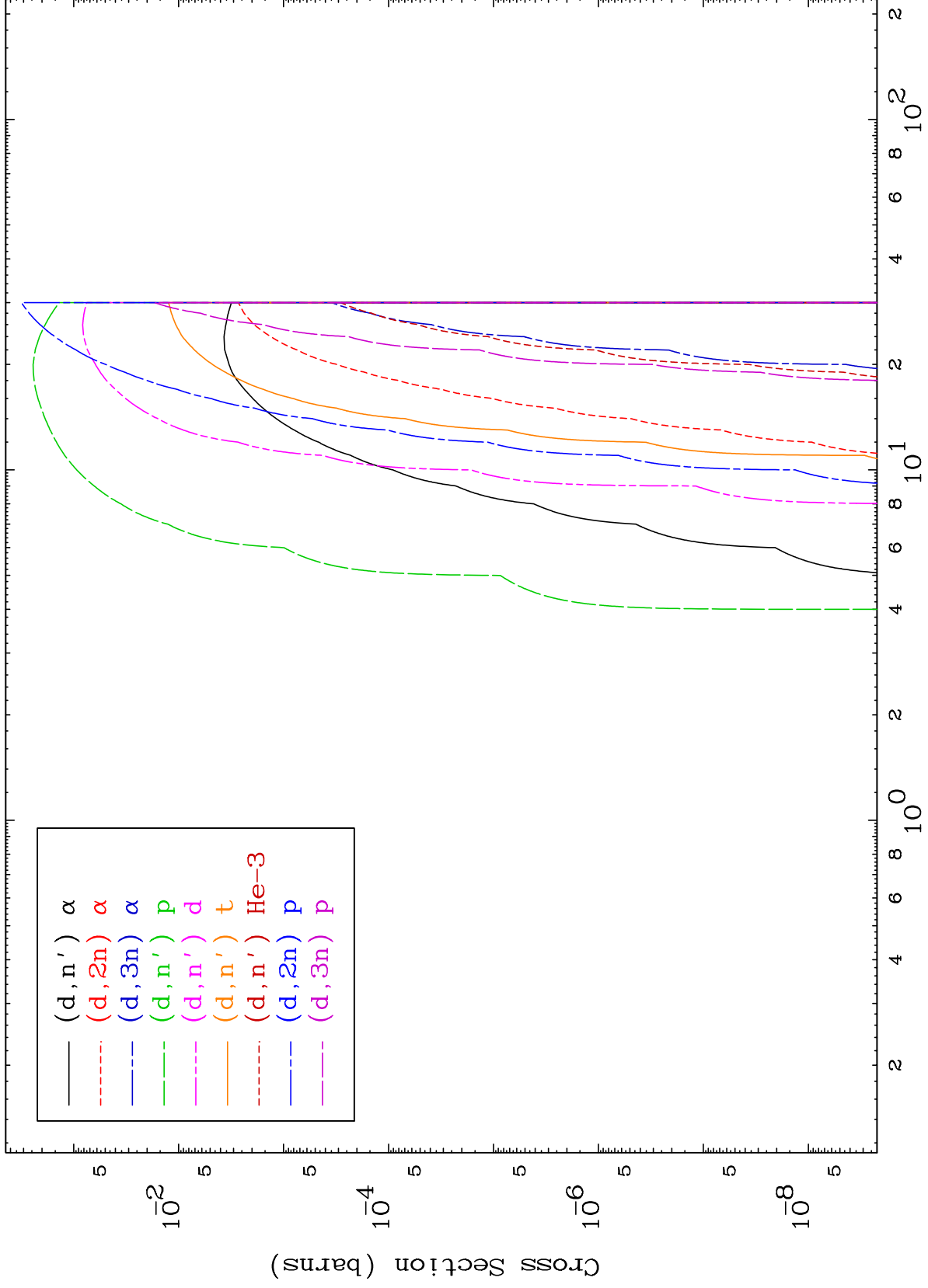
Deuteron Major  
0 Kelvin Cross Sections

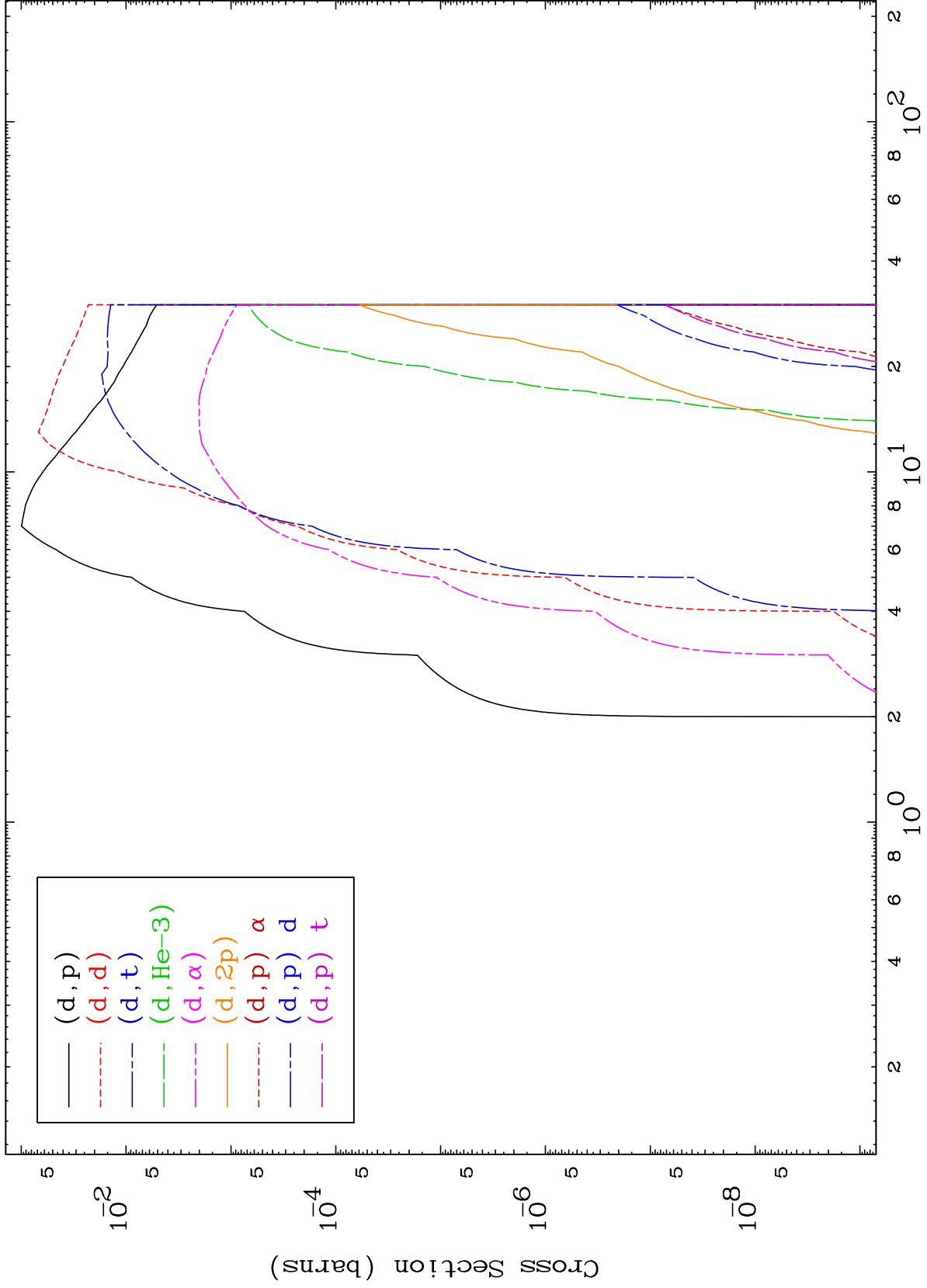
51-Sb-132









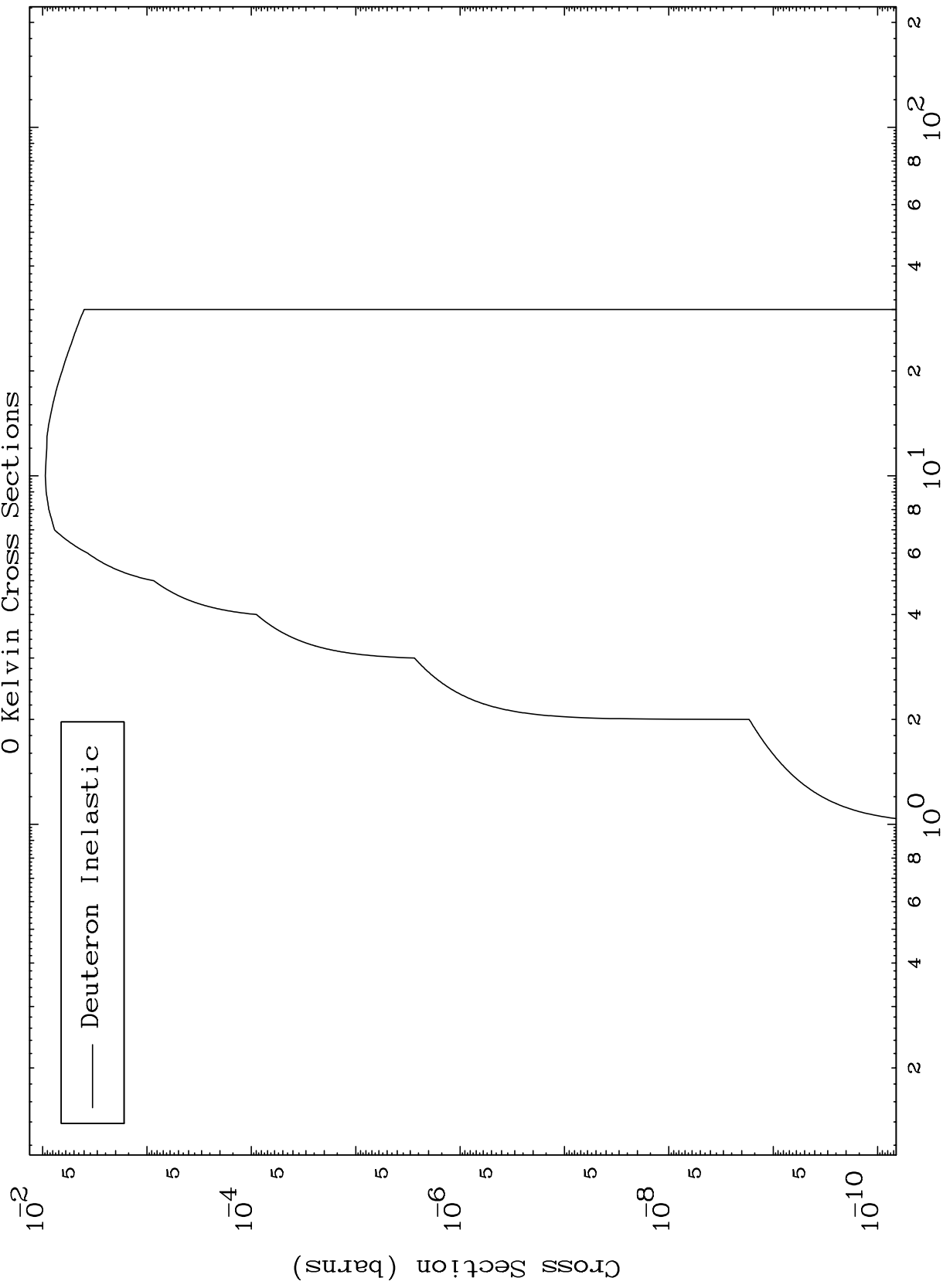


MAT 5158

51-Sb-132

(d,n') Level

0 Kelvin Cross Sections



6

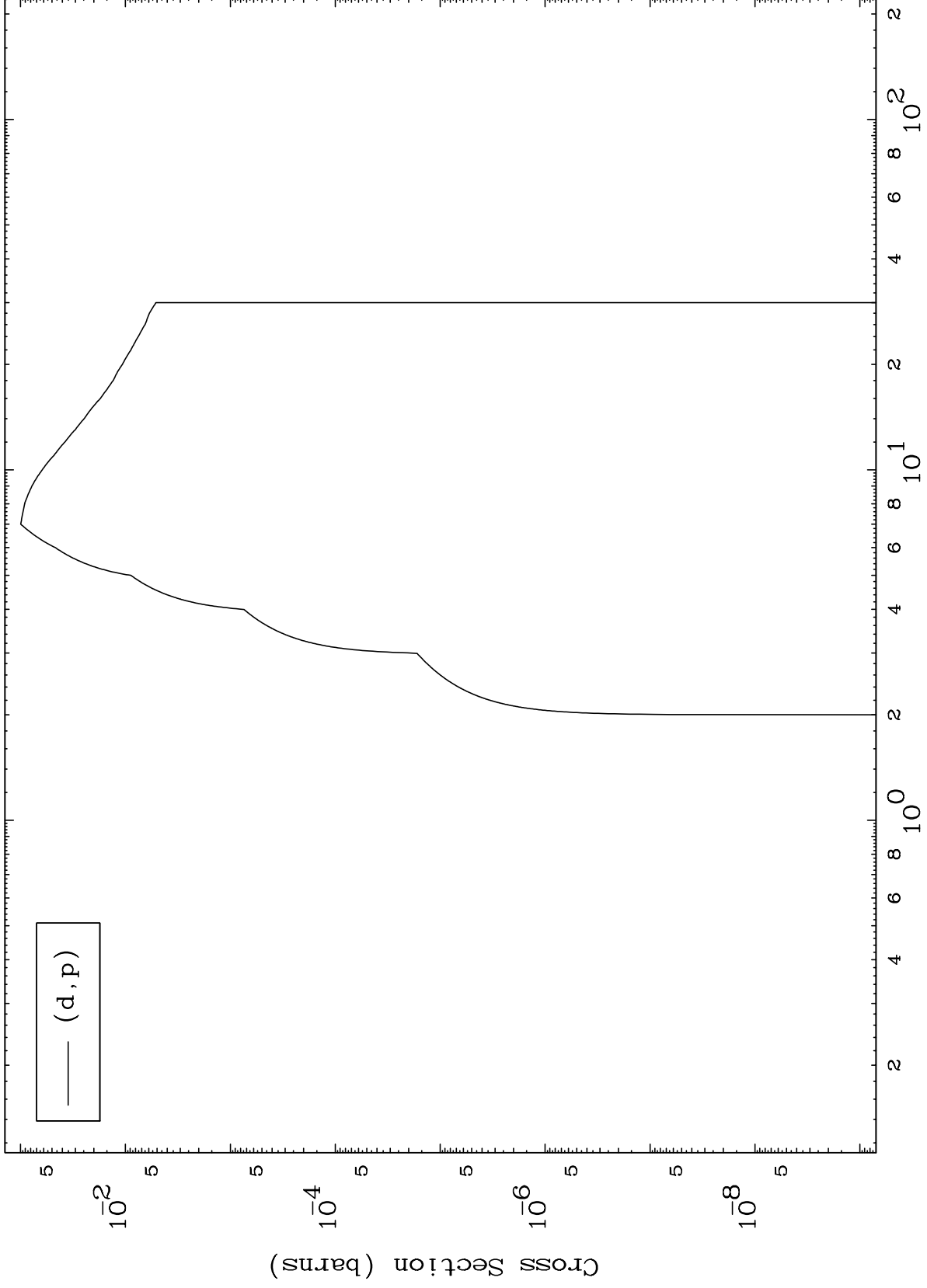
Incident Energy (MeV)

51-Sb-132

MAT 5158

(d,p) Levels  
0 Kelvin Cross Sections

51-Sb-132



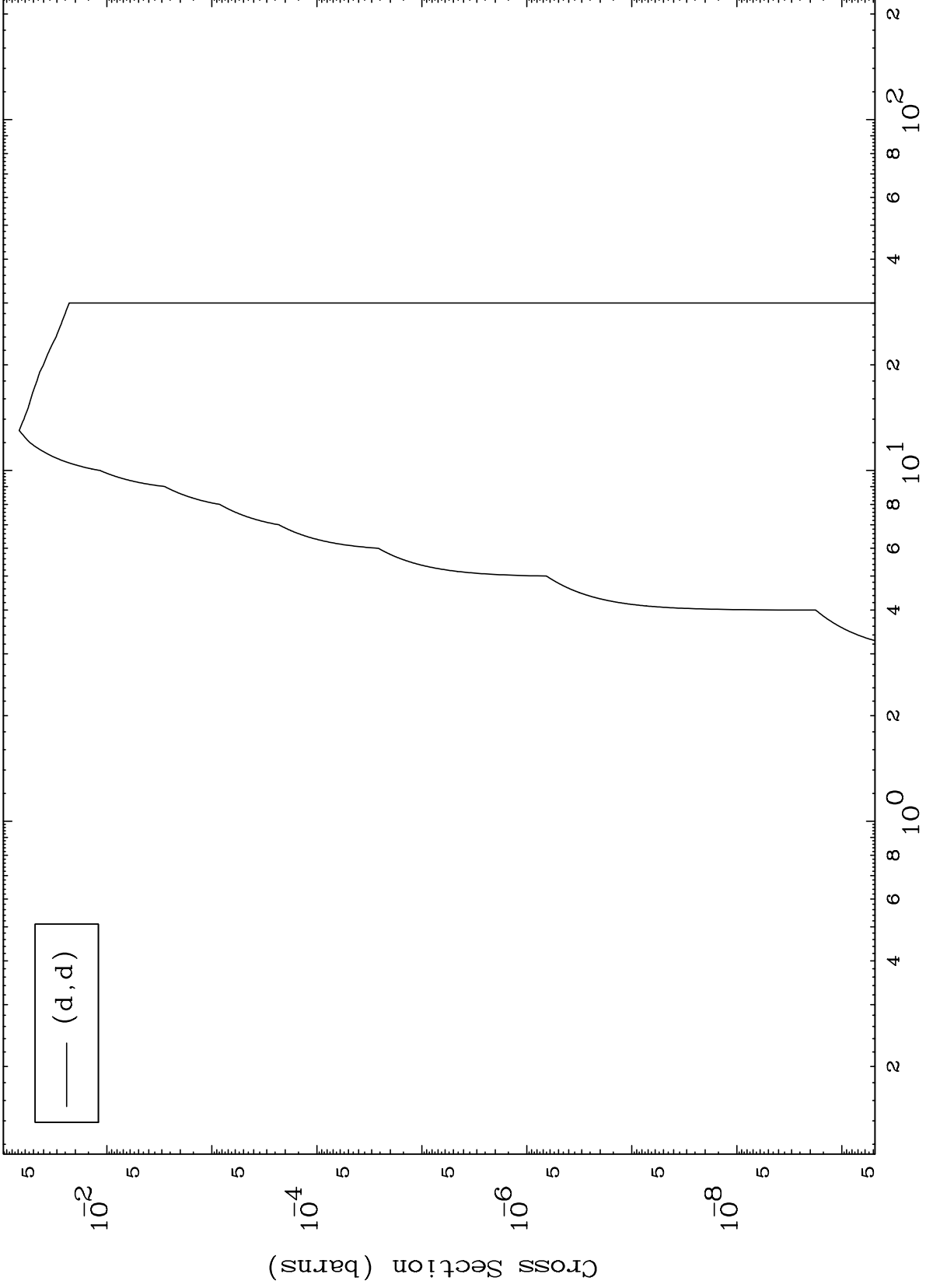


MAT 5158

(d,d) Levels

51-Sb-132

0 Kelvin Cross Sections



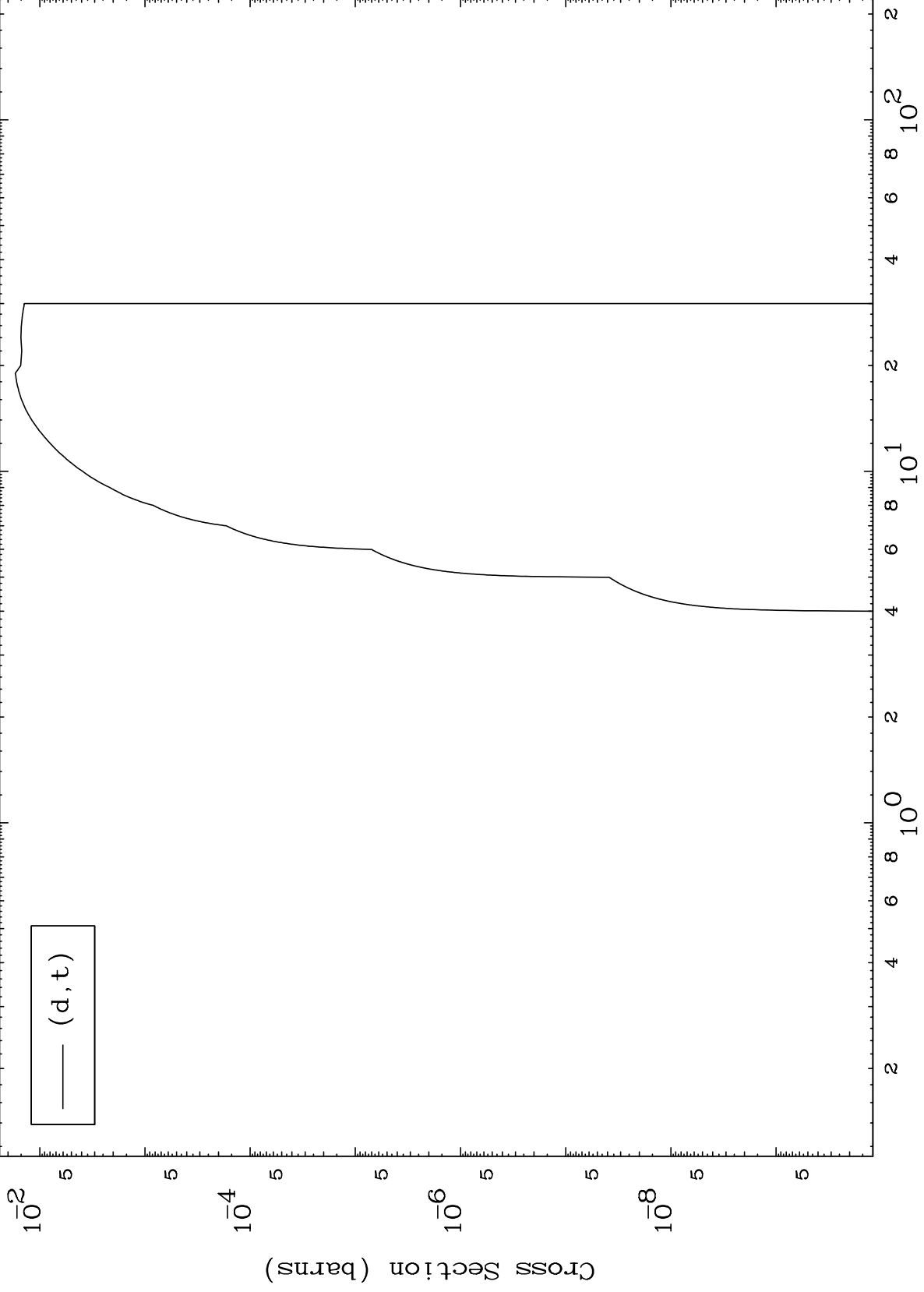
(d,d)

MAT 5158

(d, t) Levels

51-Sb-132

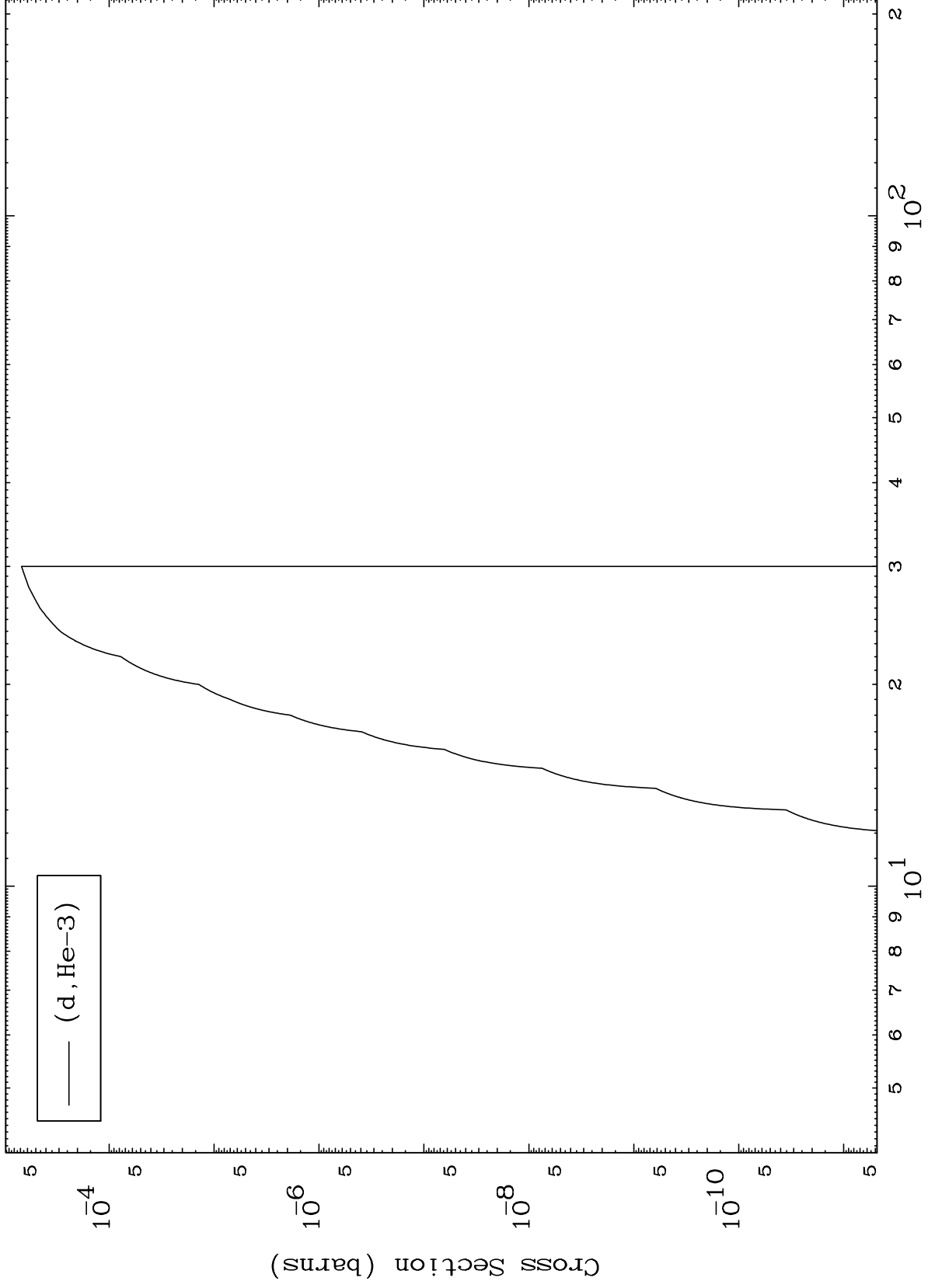
0 Kelvin Cross Sections



MAT 5158

(d,He3) Levels  
0 Kelvin Cross Sections

51-Sb-132



10

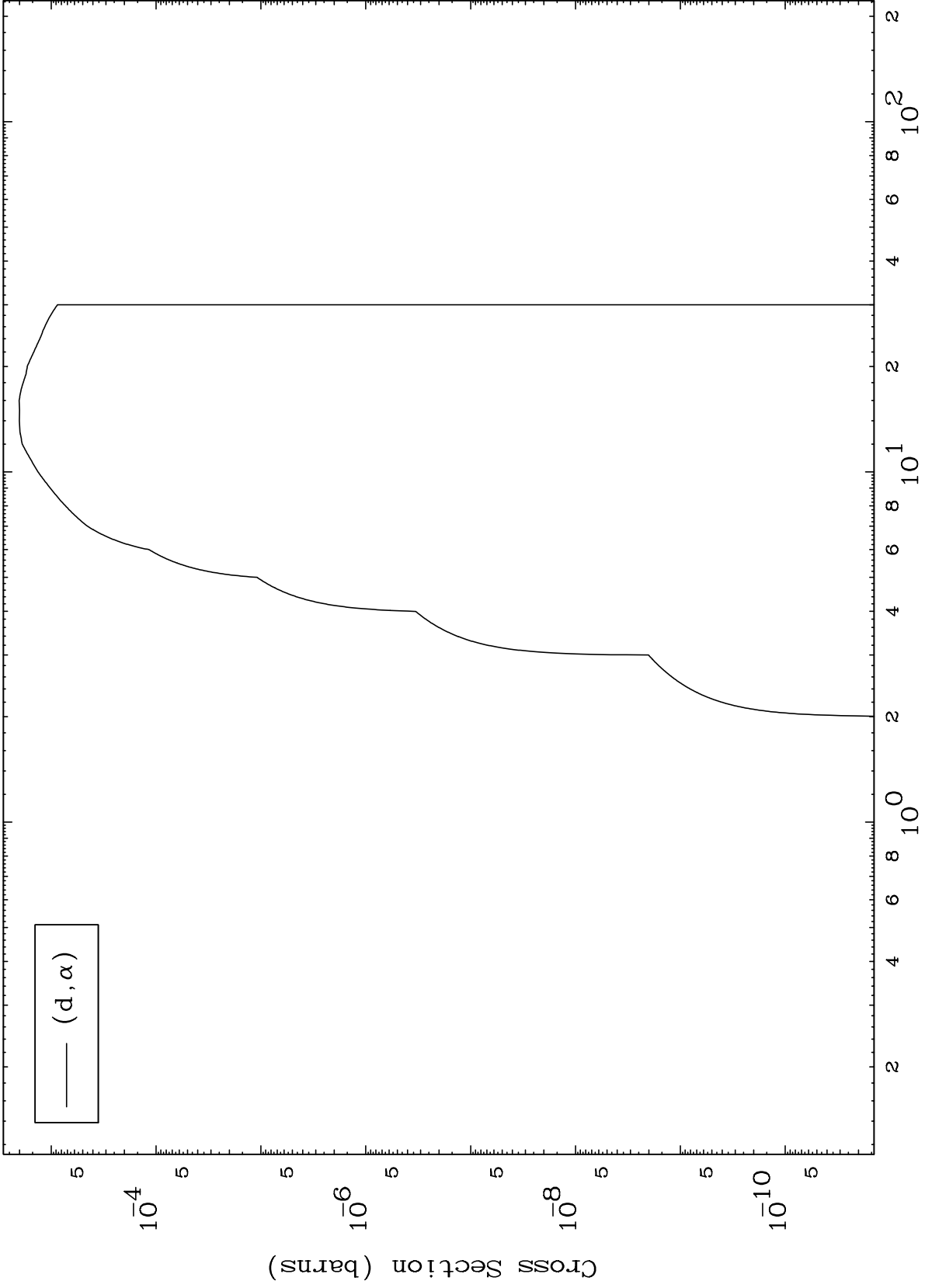
Incident Energy (MeV)

51-Sb-132

MAT 5158

51-Sb-132

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



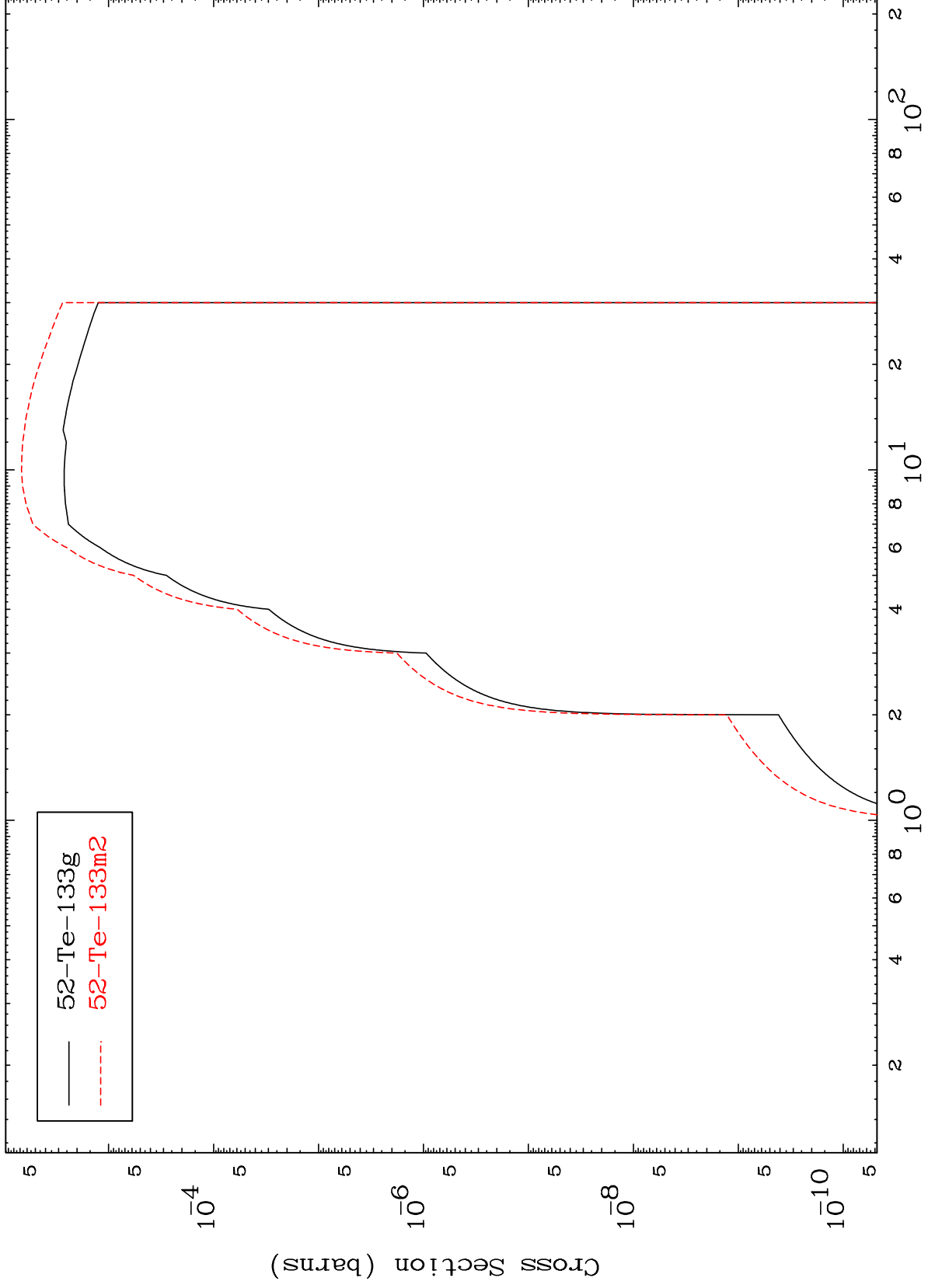
51-Sb-132

Incident Energy (MeV)

MAT 5158

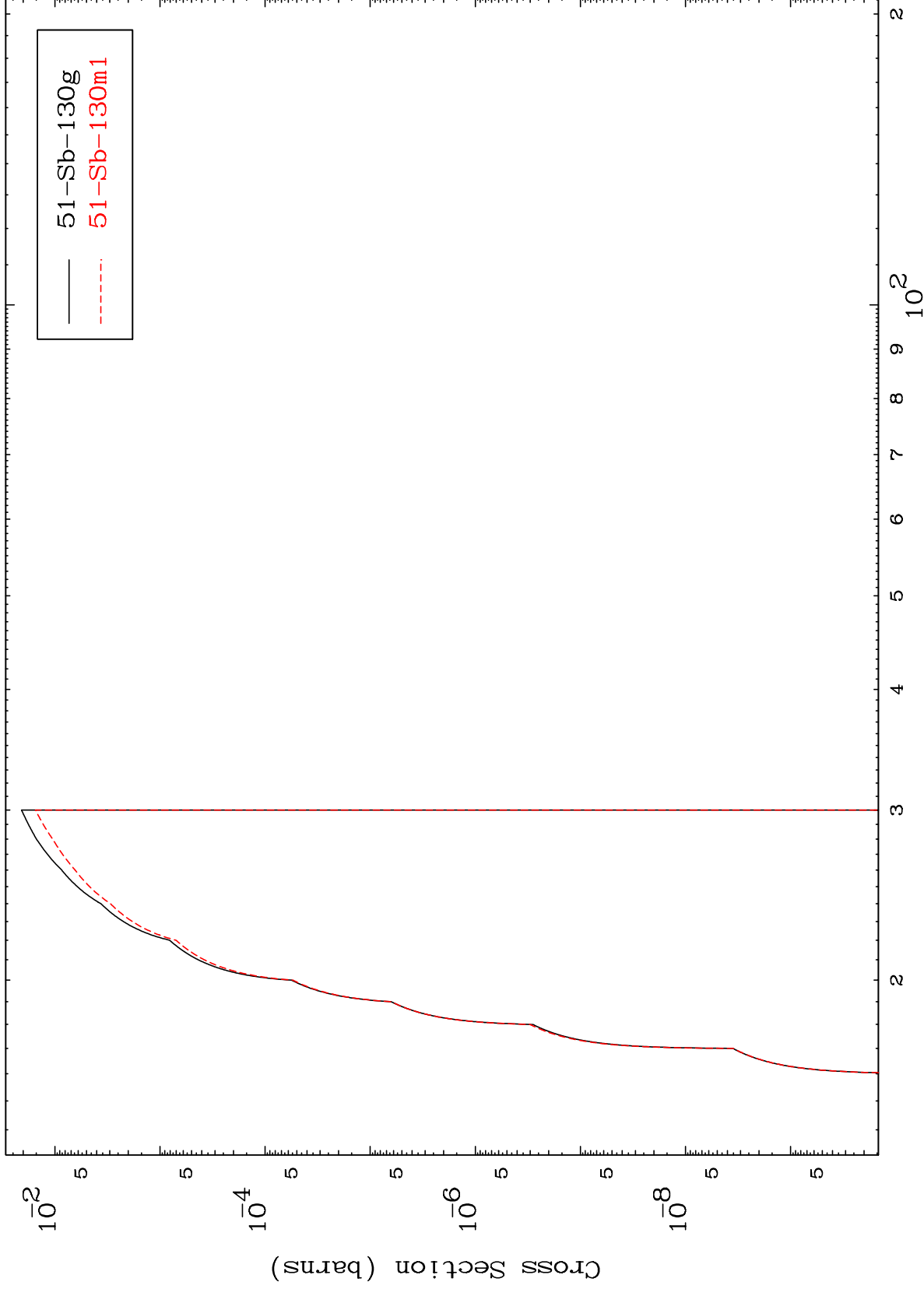
Deuteron Inelastic  
Radionuclide Production Cross Section

51-Sb-132



— 52-Te-133g  
- - - 52-Te-133m2

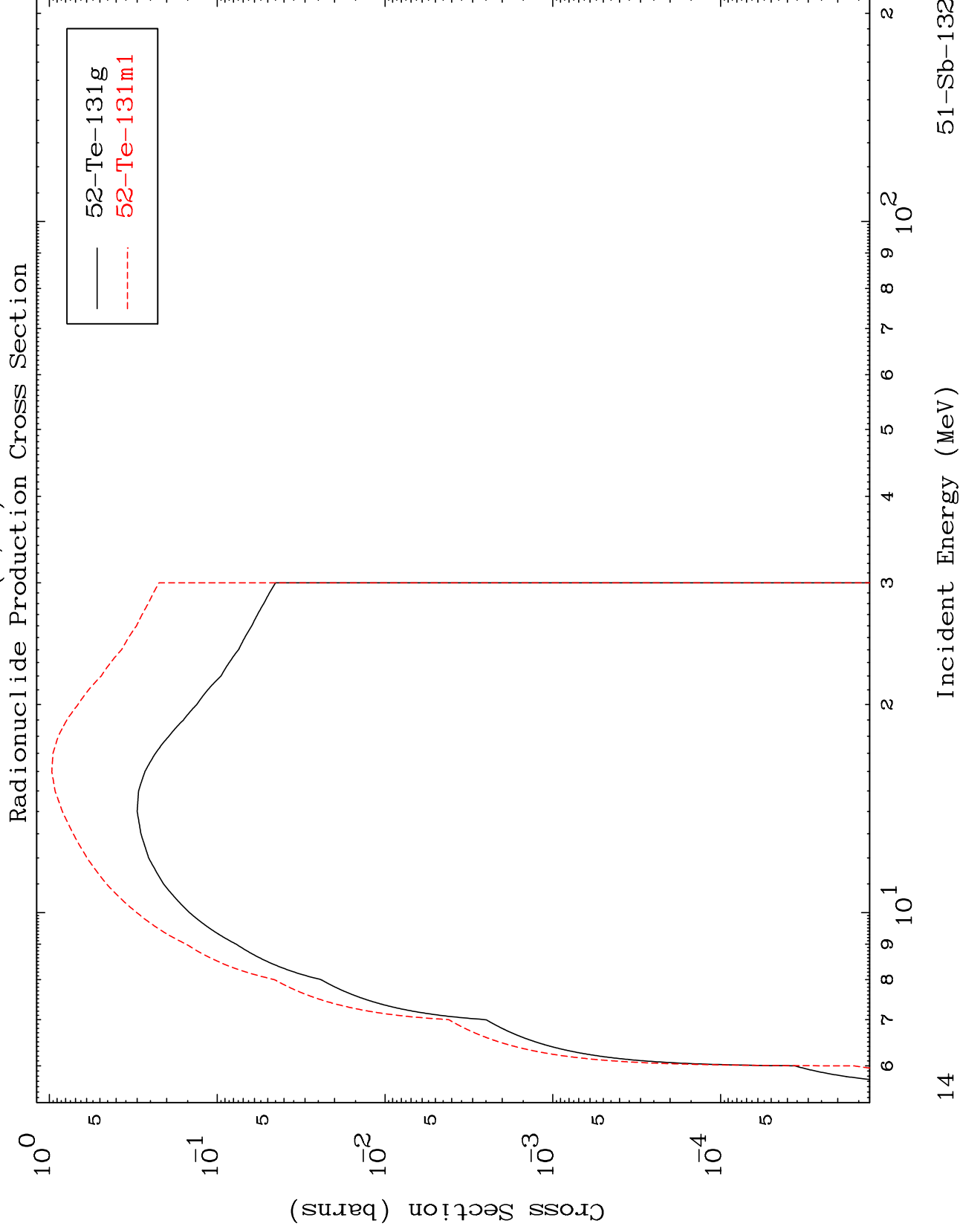
Radionuclide Production Cross Section



MAT 5158

(d,3n)

51-Sb-132



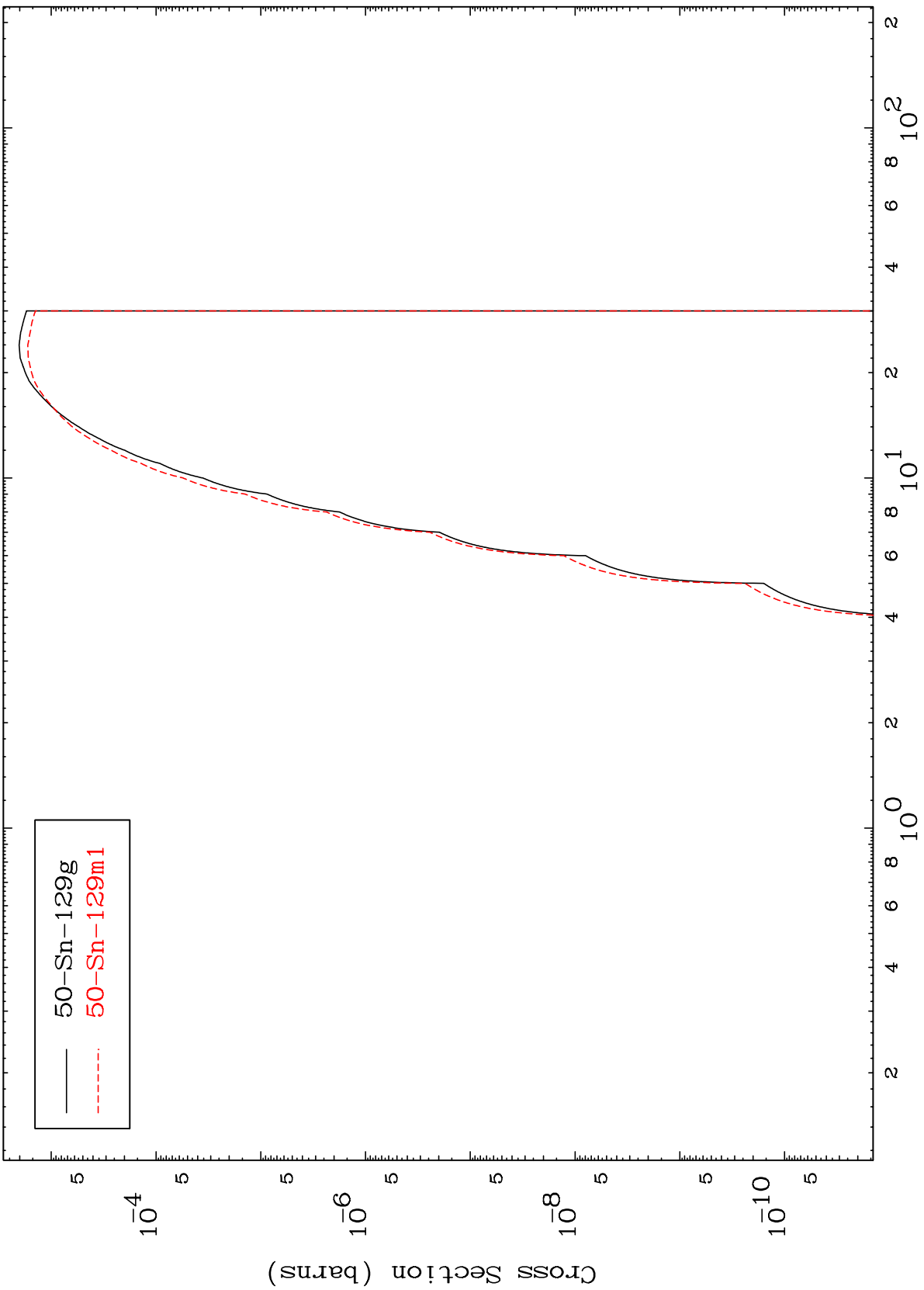
14

MAT 5158

(d,n')  $\alpha$

51-Sb-132

Radionuclide Production Cross Section



15

Incident Energy (MeV)

51-Sb-132

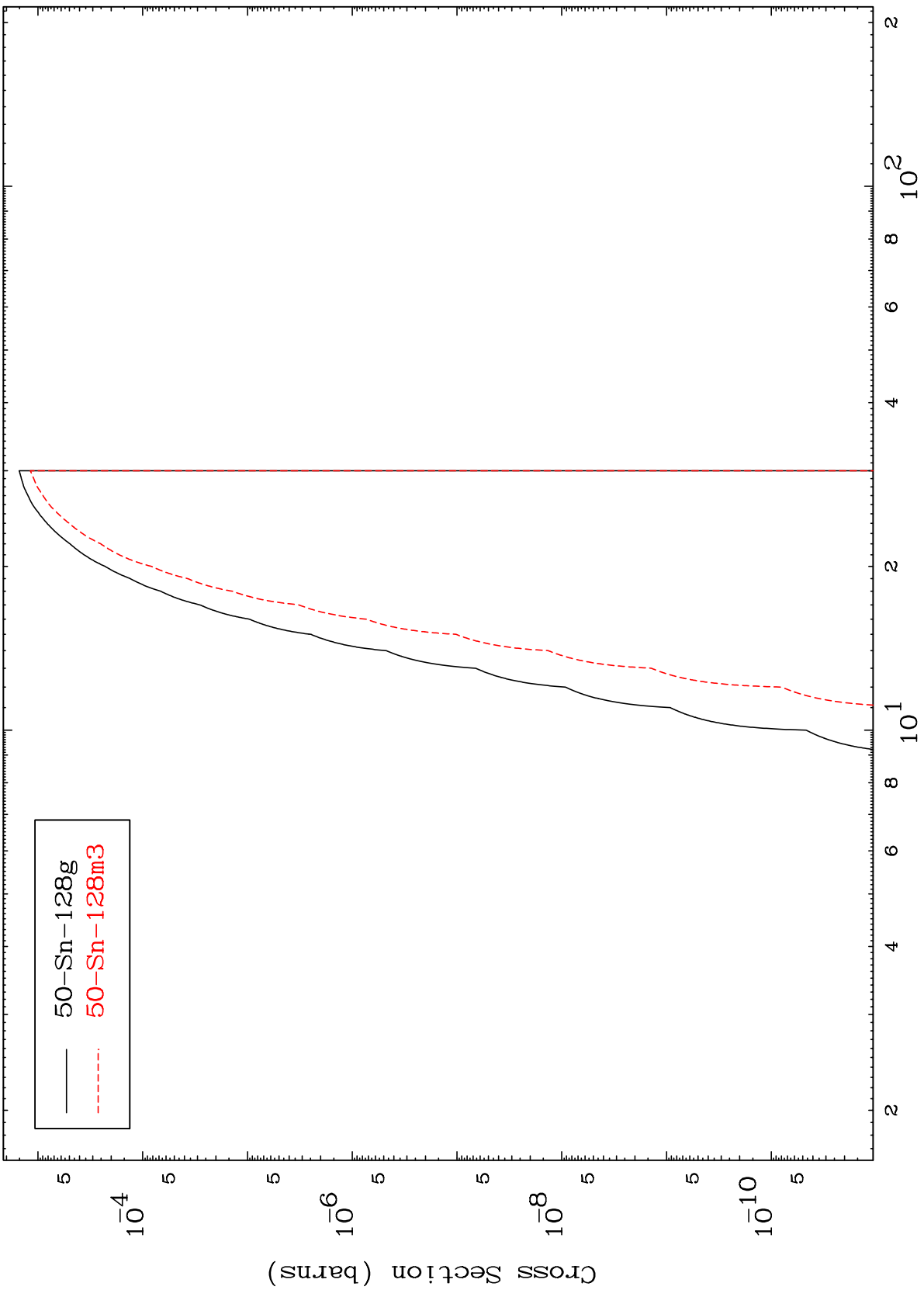


MAT 5158

(d,2n)  $\alpha$

51-Sb-132

Radionuclide Production Cross Section



16

Incident Energy (MeV)

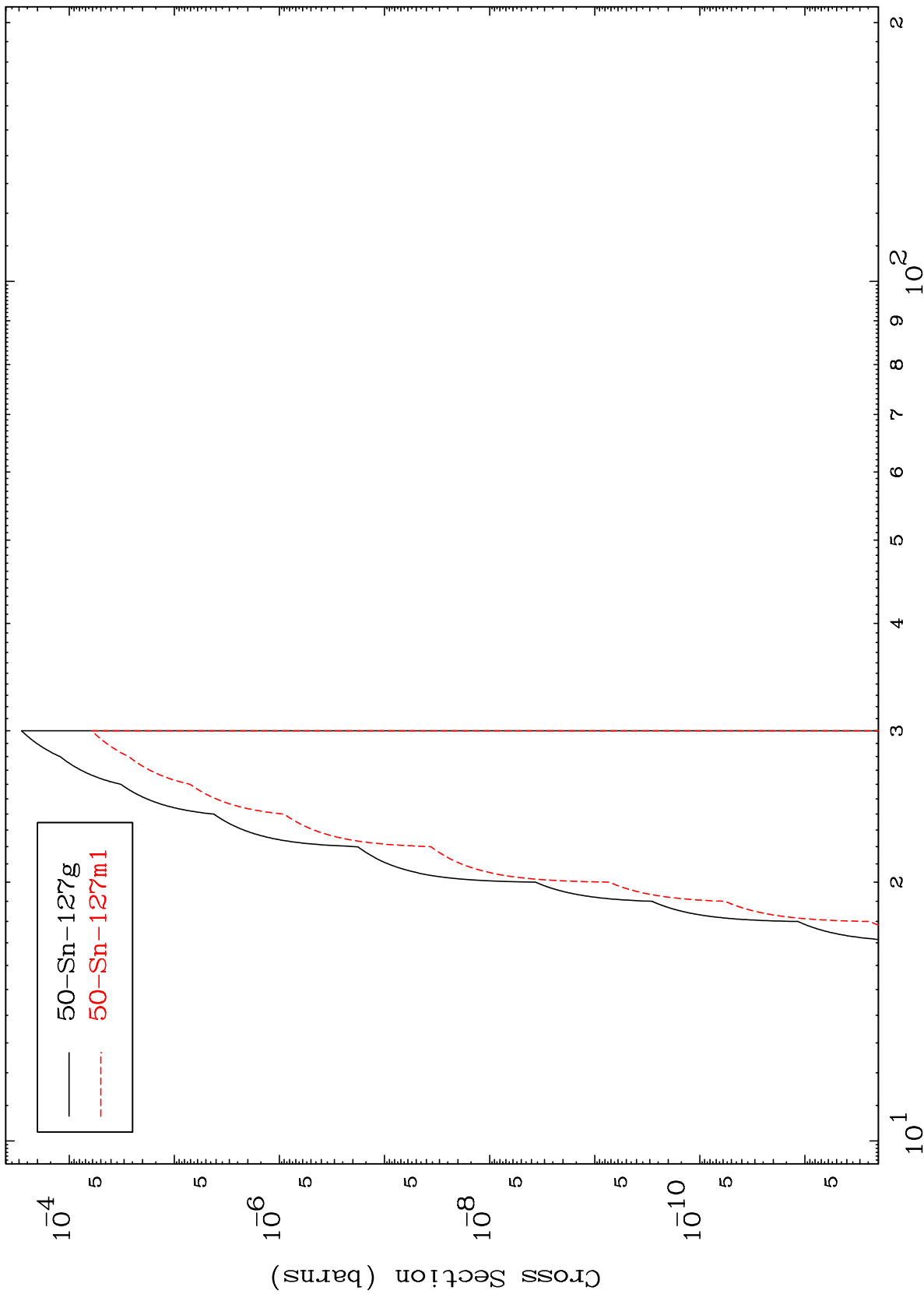
51-Sb-132

MAT 5158

(d,3n)  $\alpha$

51-Sb-132

Radionuclide Production Cross Section



17

Incident Energy (MeV)

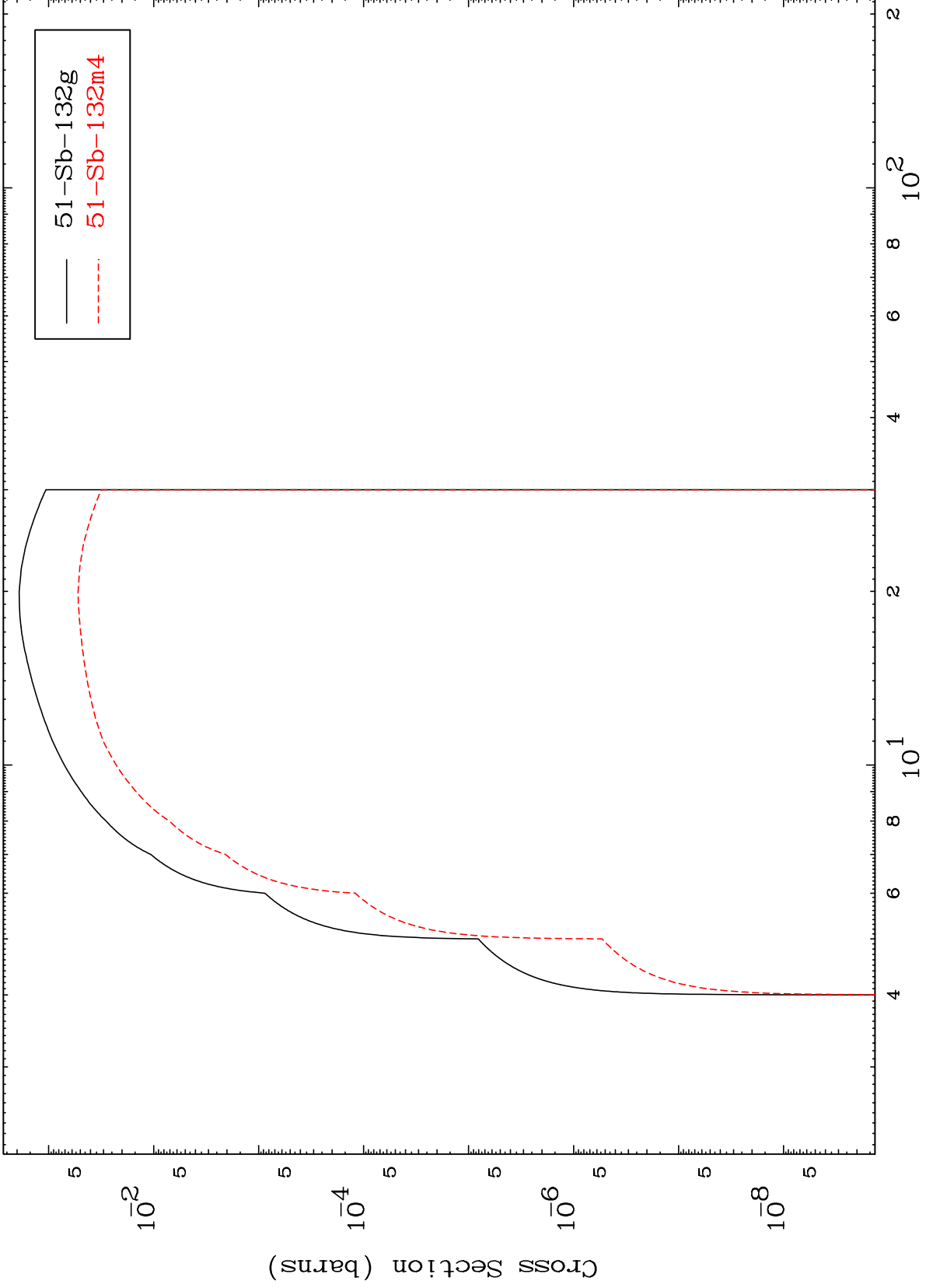
51-Sb-132

MAT 5158

(d,n') p

51-Sb-132

Radionuclide Production Cross Section



18

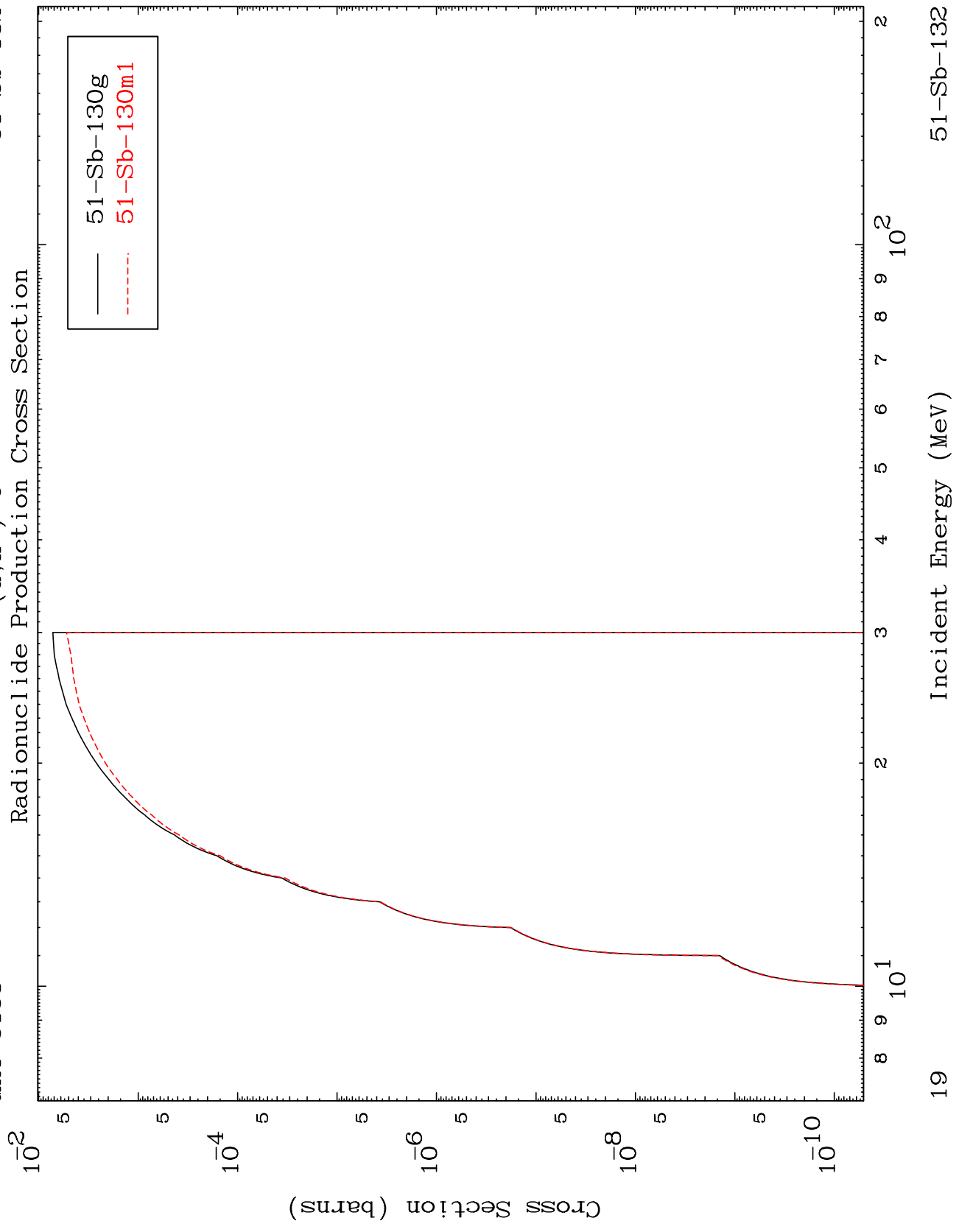
Incident Energy (MeV)

51-Sb-132

MAT 5158

(d,n') t

51-Sb-132



19

Incident Energy (MeV)

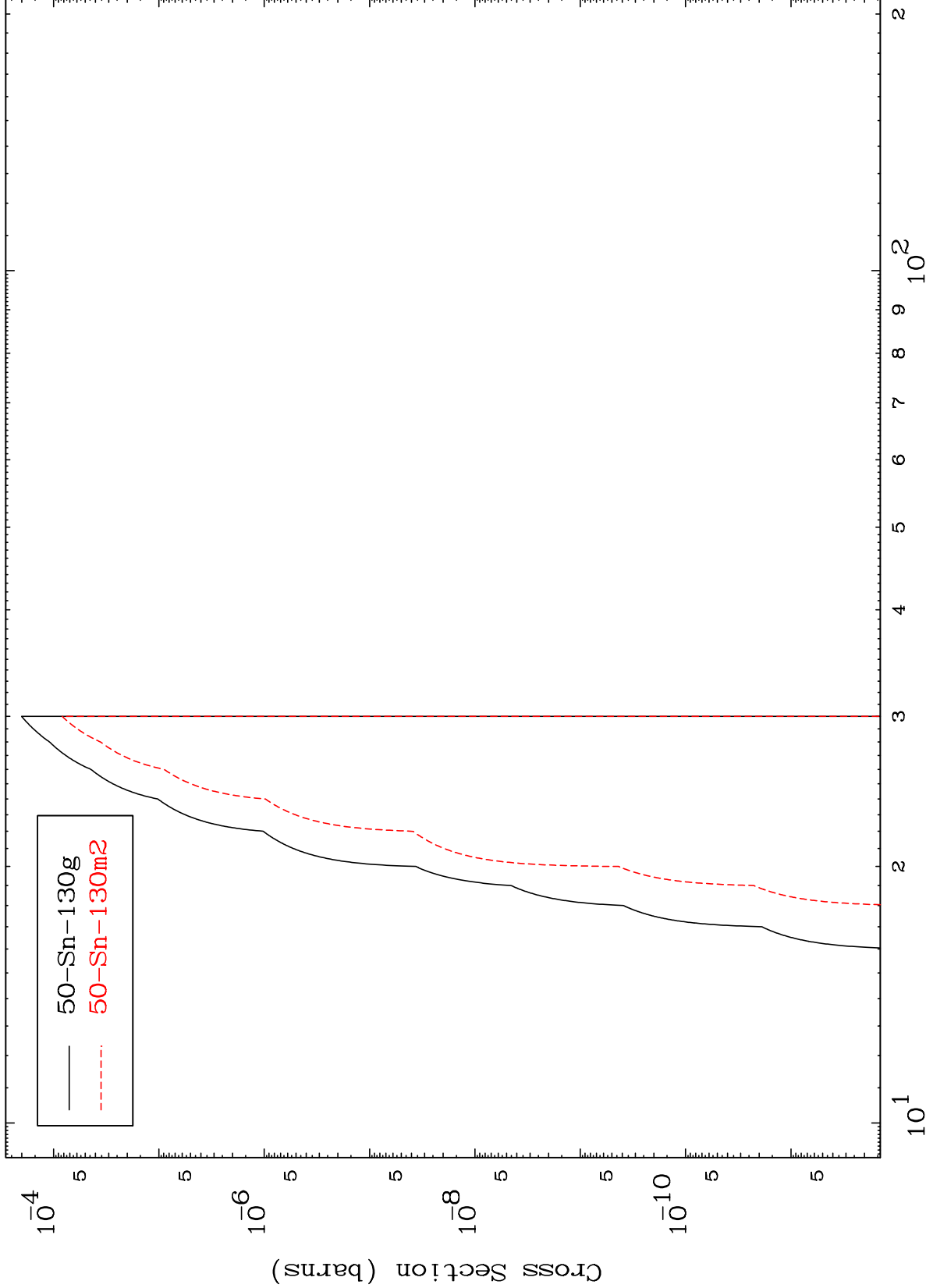
51-Sb-132

MAT 5158

(d,n') He-3

51-Sb-132

Radionuclide Production Cross Section



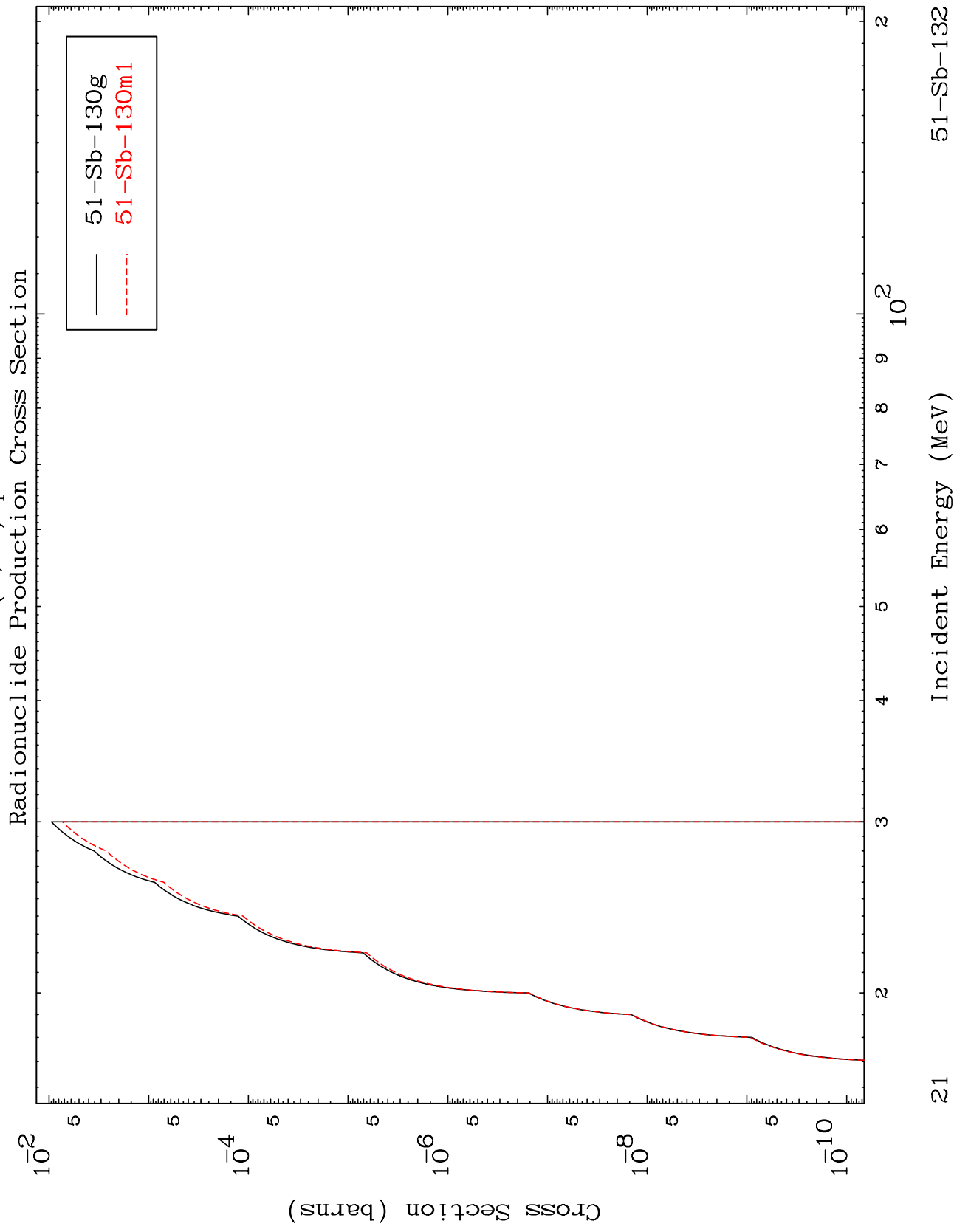
Incident Energy (MeV)

51-Sb-132

MAT 5158

(d,3n) p

51-Sb-132



21

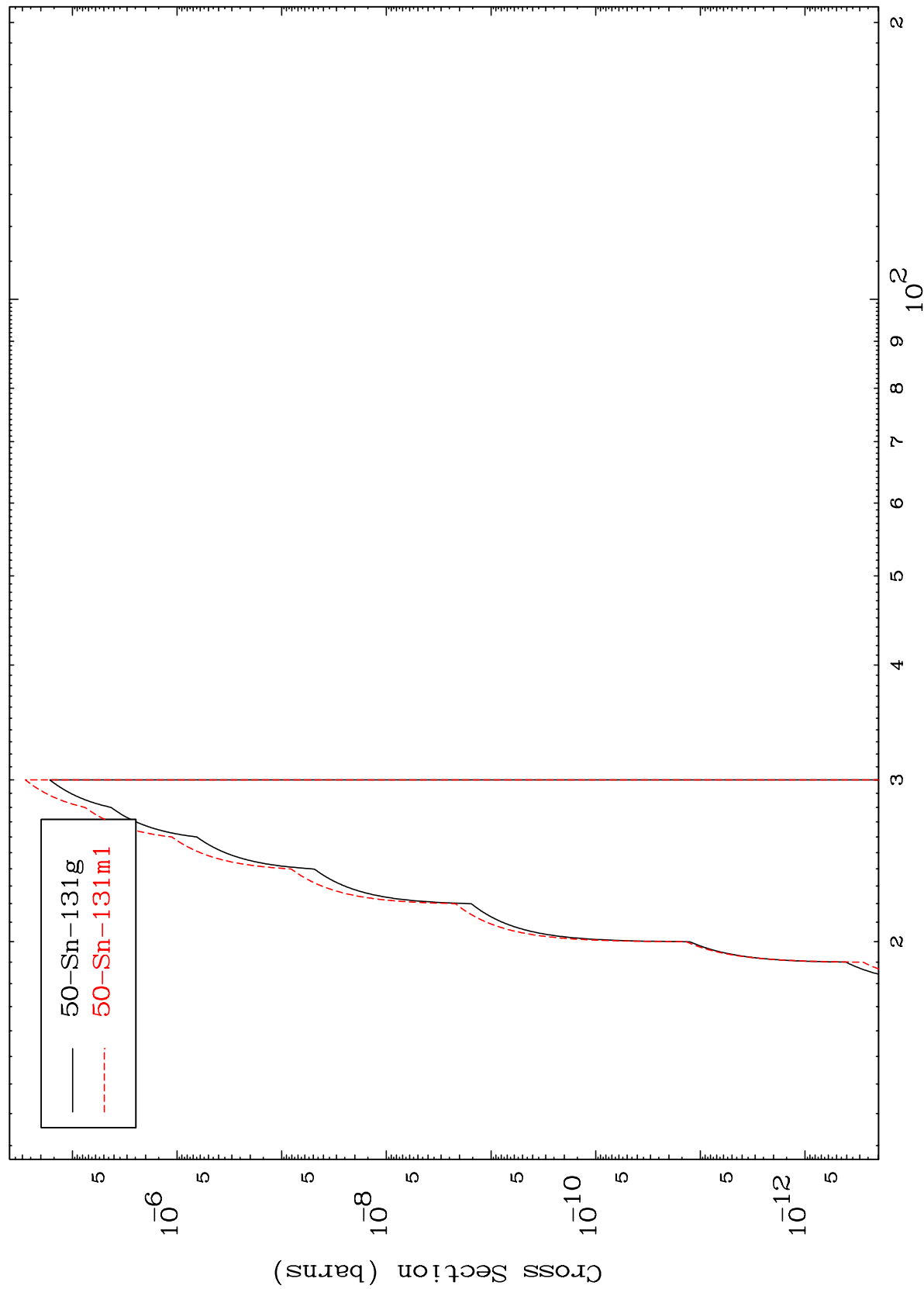
51-Sb-132

MAT 5158

(d,2n) p

51-Sb-132

Radionuclide Production Cross Section

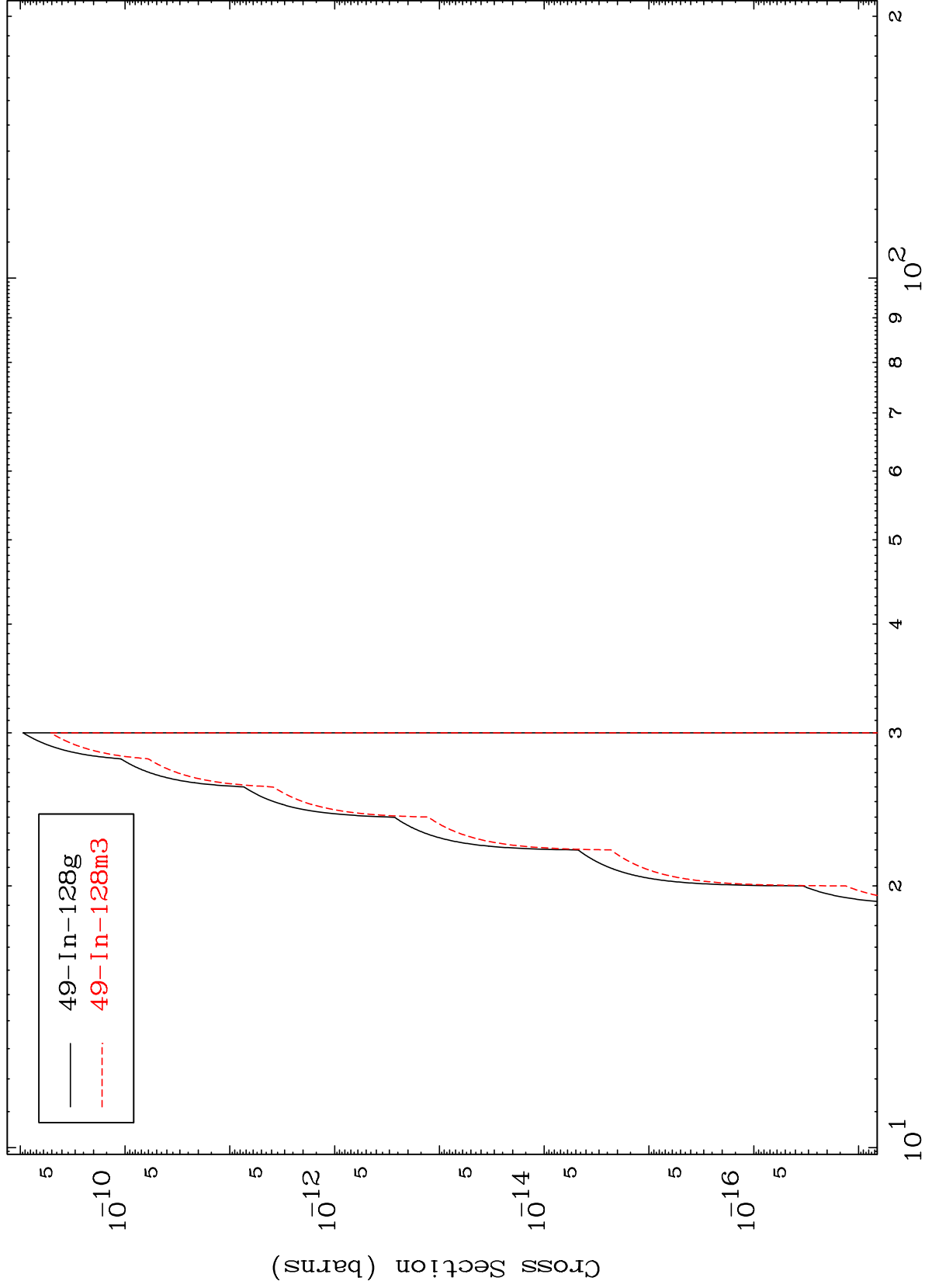


MAT 5158

(d,n') p  $\alpha$

51-Sb-132

Radionuclide Production Cross Section



Incident Energy (MeV)

51-Sb-132

23

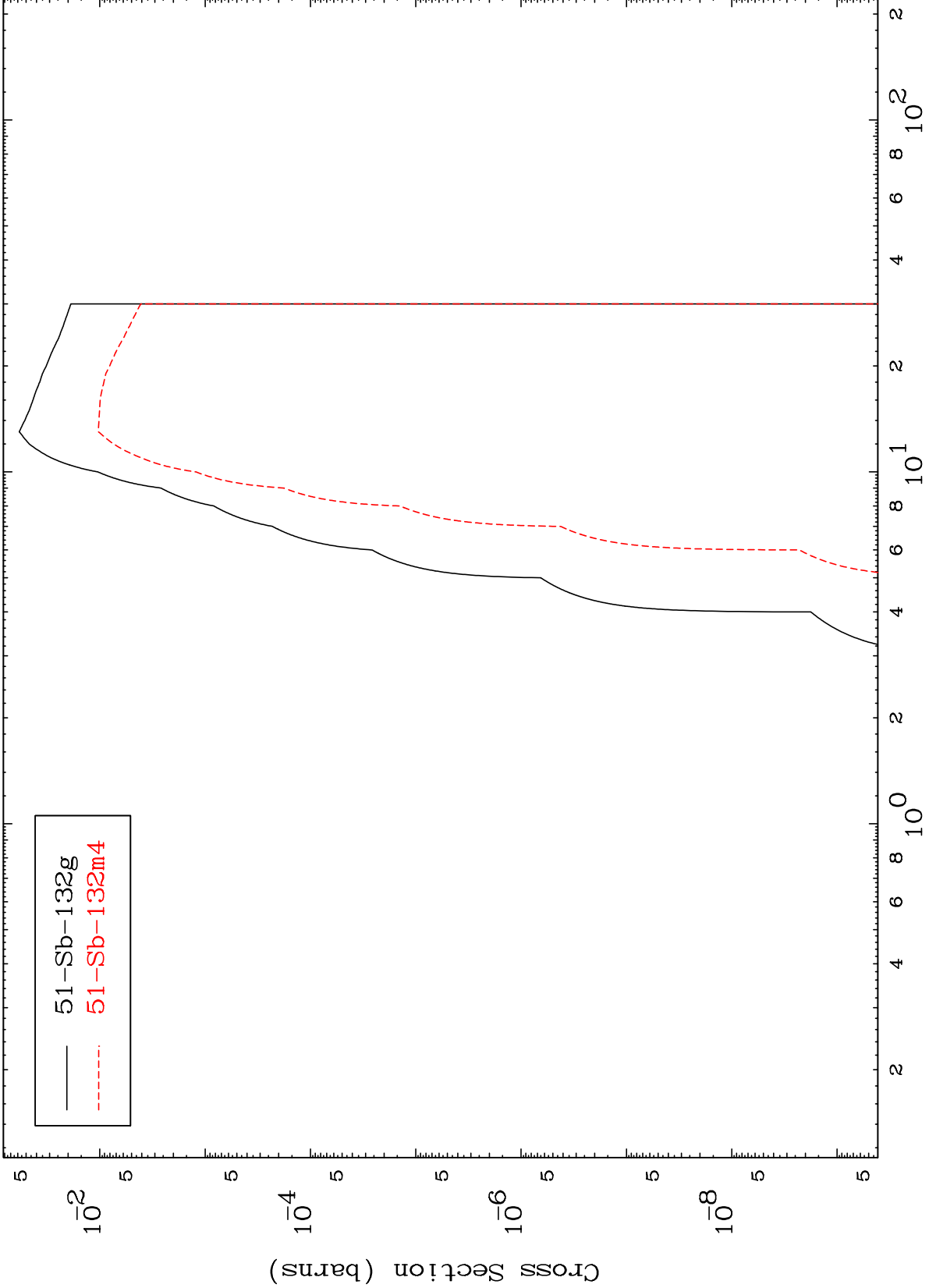


MAT 5158

(d,d)

51-Sb-132

Radionuclide Production Cross Section



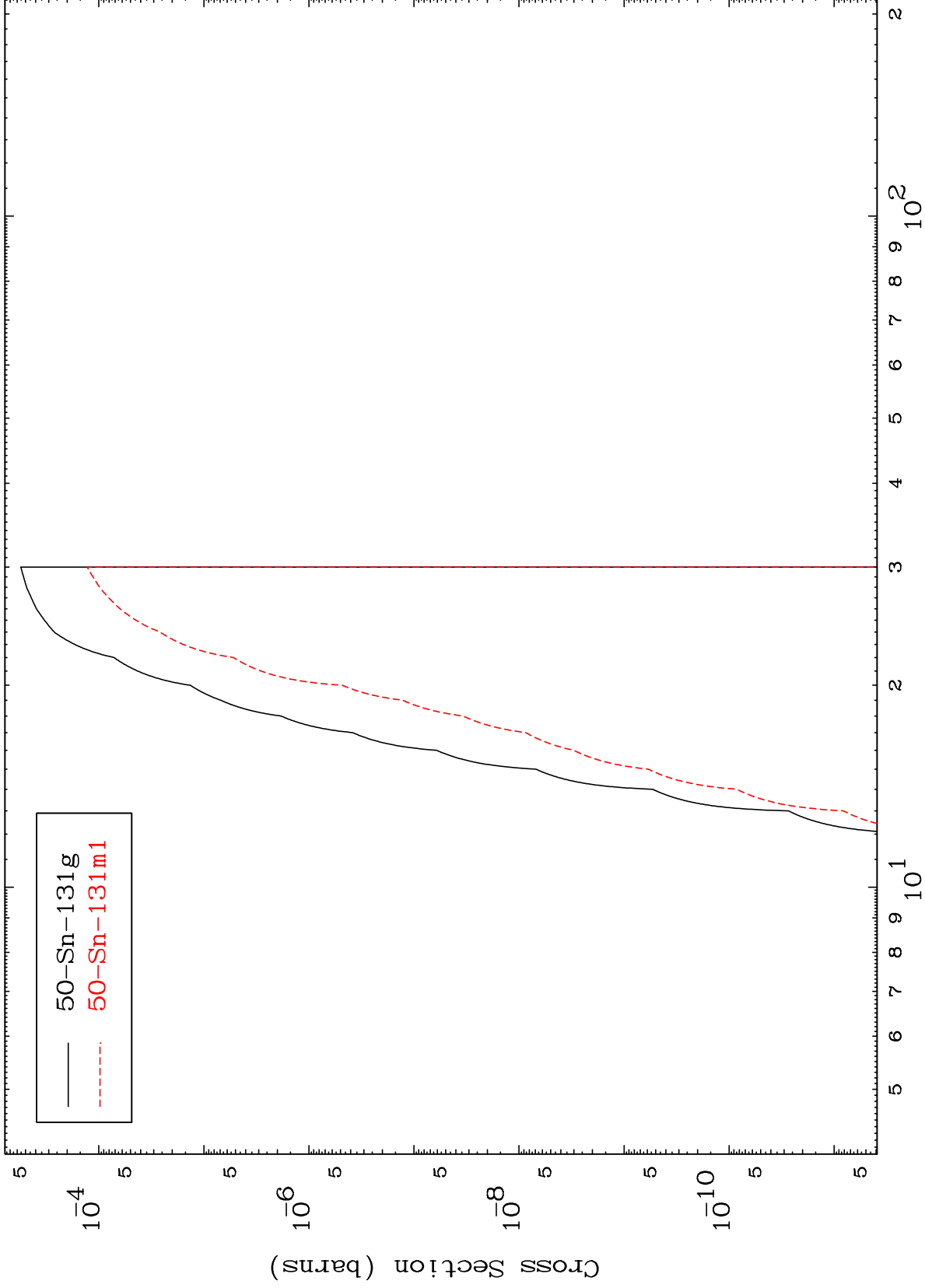
51-Sb-132g  
51-Sb-132m4

MAT 5158

(d,He-3)

51-Sb-132

Radionuclide Production Cross Section



25

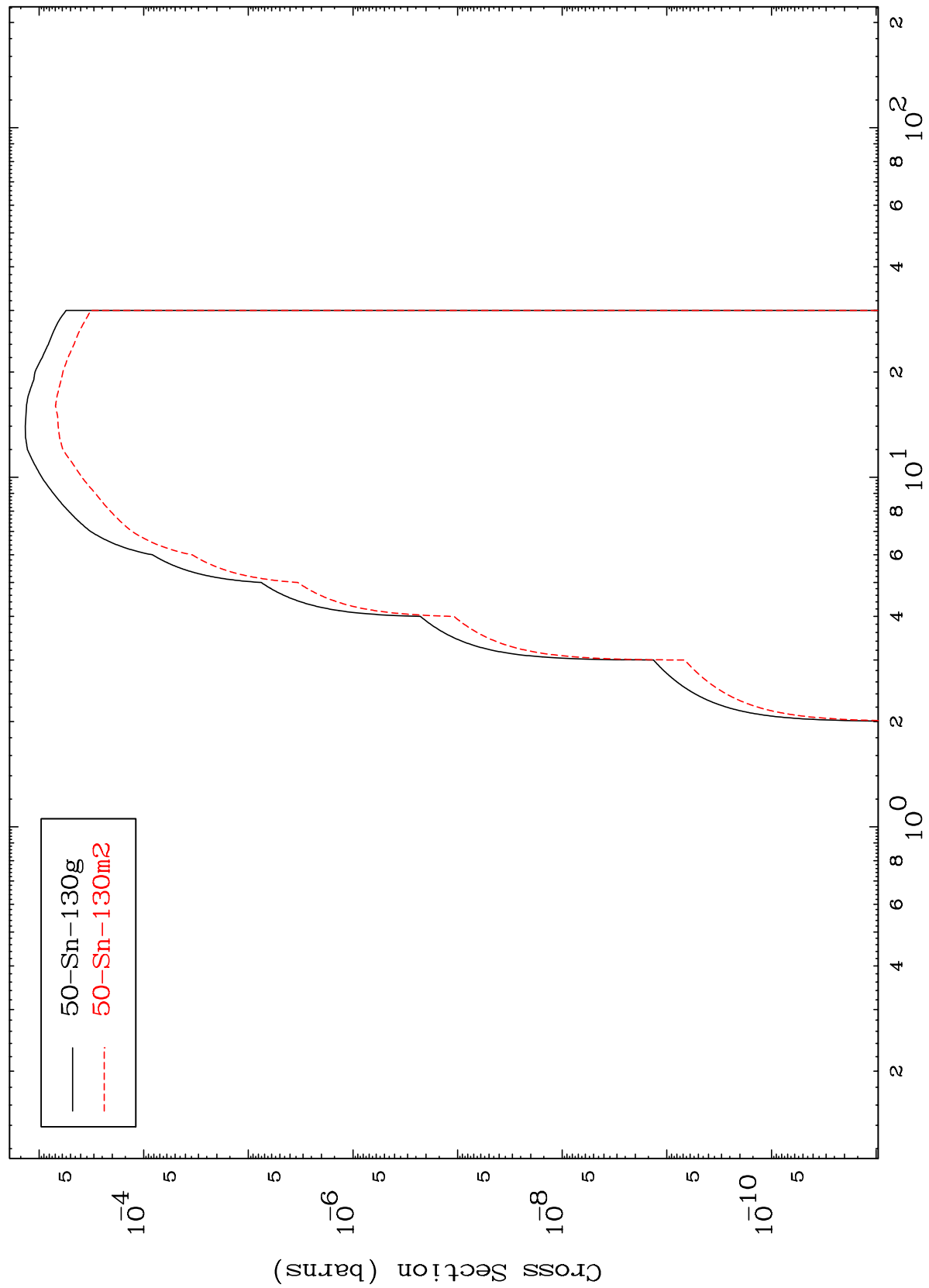
Incident Energy (MeV)

51-Sb-132

MAT 5158

51-Sb-132

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



26

51-Sb-132

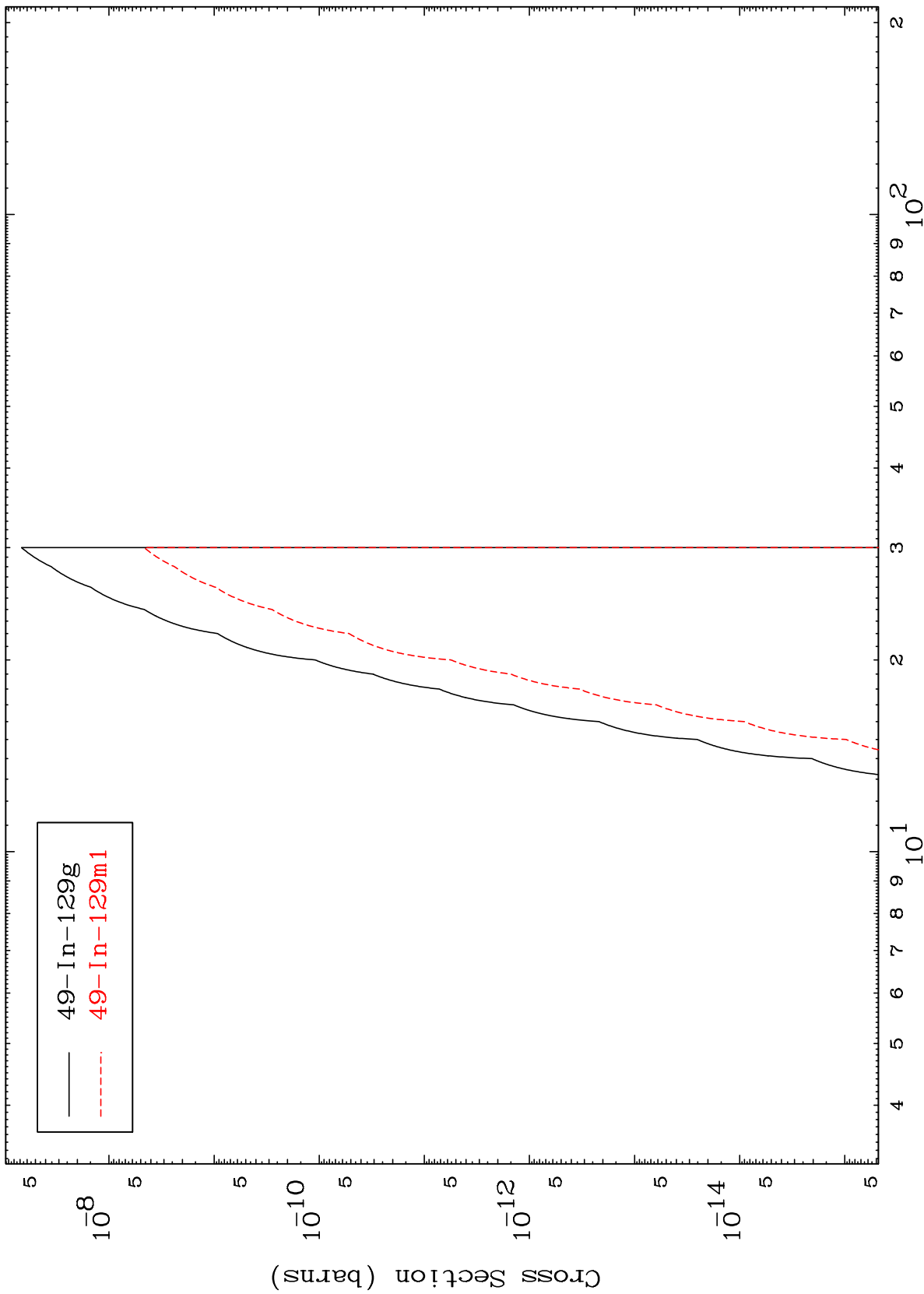
Incident Energy (MeV)

MAT 5158

(d,p)  $\alpha$

51-Sb-132

Radionuclide Production Cross Section



27

Incident Energy (MeV)

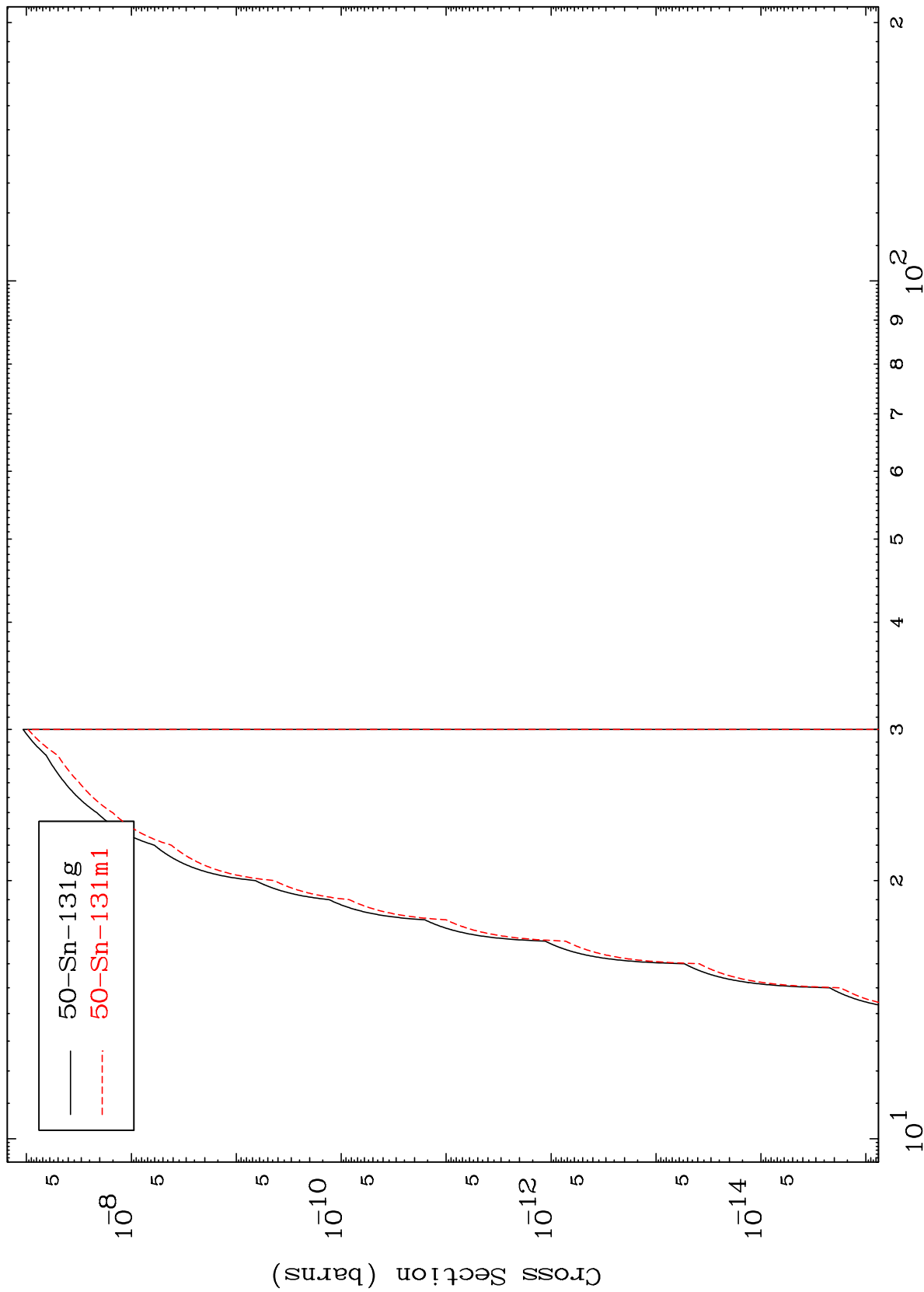
51-Sb-132

MAT 5158

(d,p) d

51-Sb-132

Radionuclide Production Cross Section



28

Incident Energy (MeV)

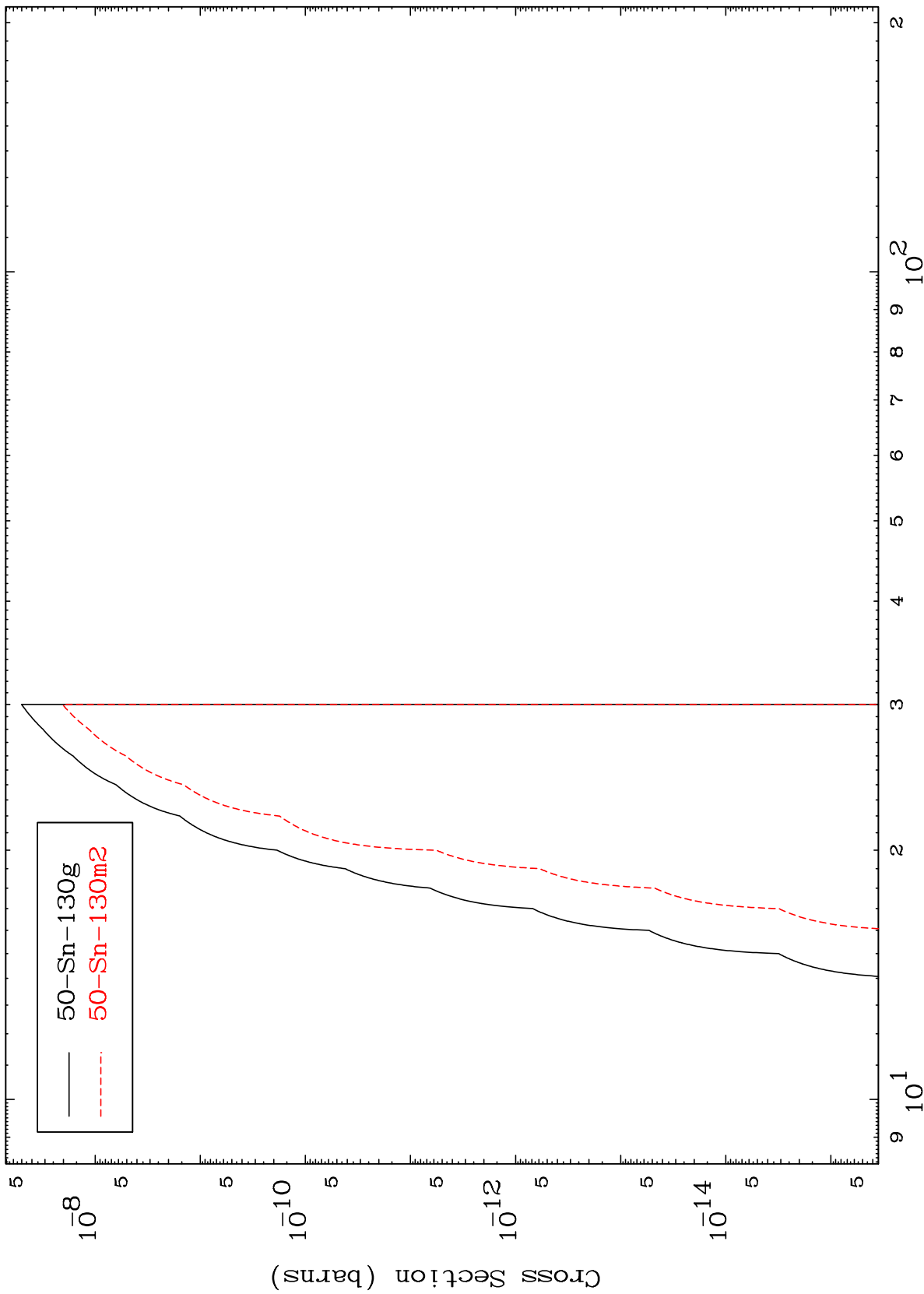
51-Sb-132

MAT 5158

(d,p) t

51-Sb-132

Radionuclide Production Cross Section



29

Incident Energy (MeV)

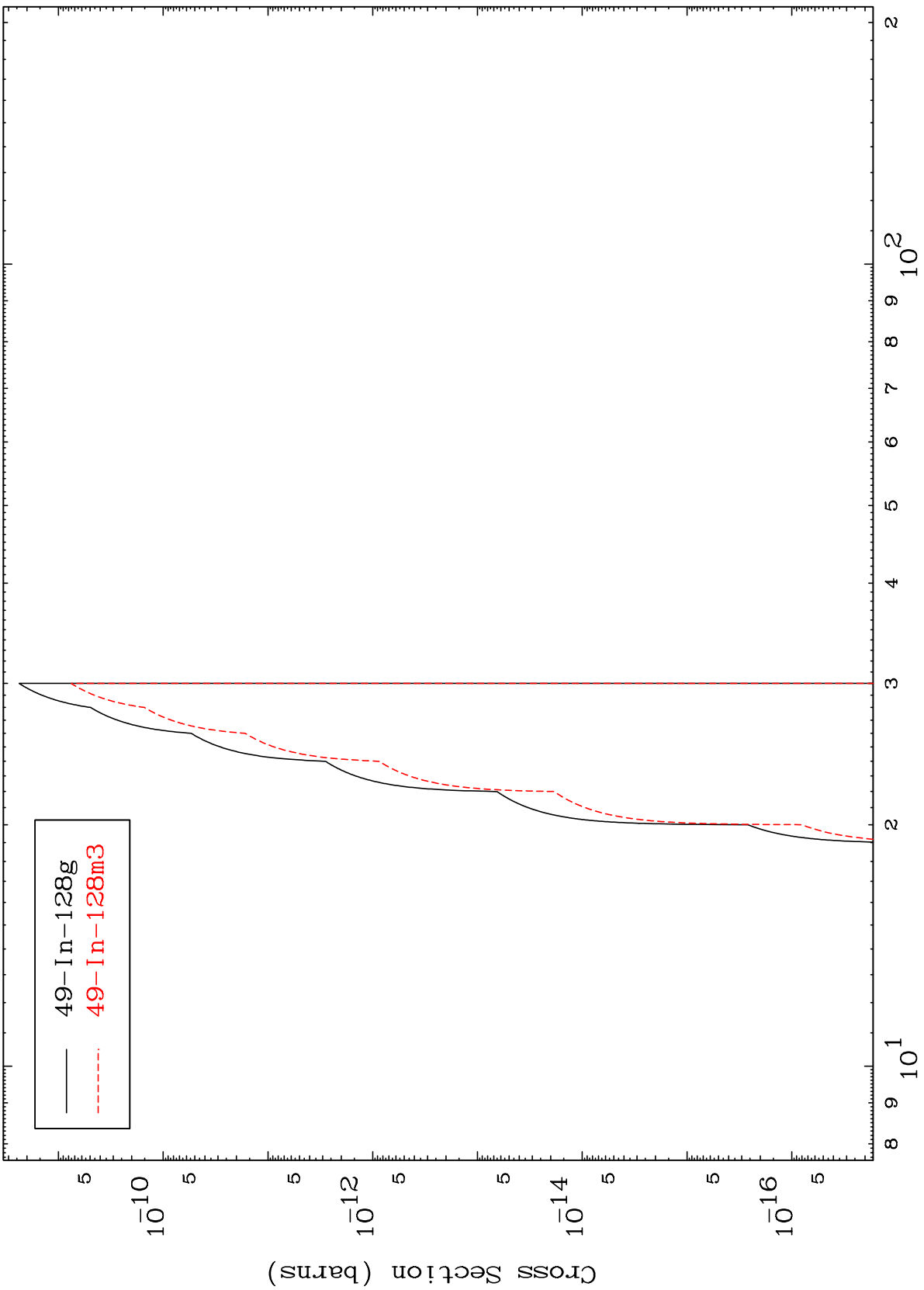
51-Sb-132

MAT 5158

(d,d)  $\alpha$

51-Sb-132

Radionuclide Production Cross Section



30

Incident Energy (MeV)

51-Sb-132