

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

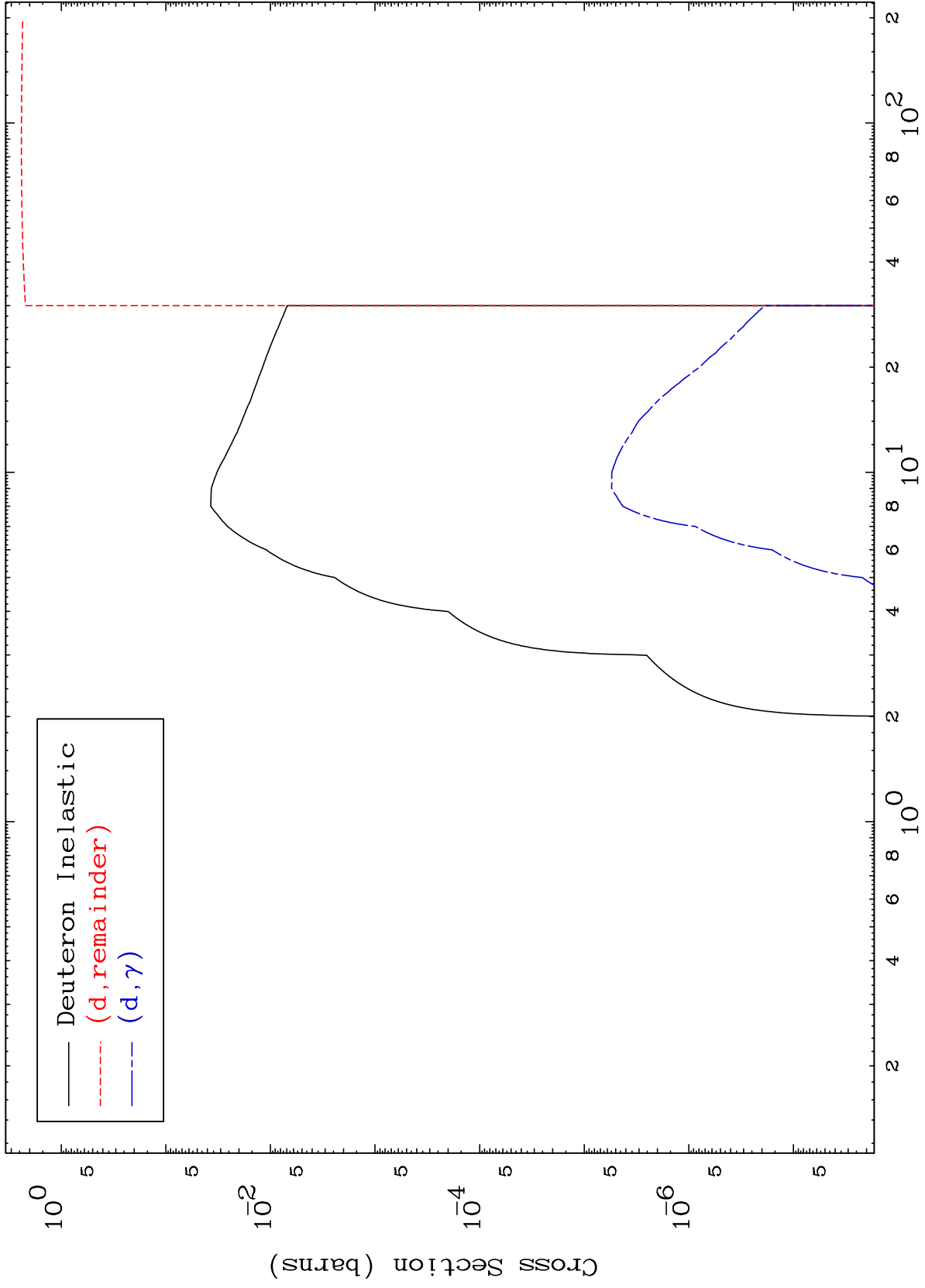
Web:redcullen1.net/HOMEPAGE.NEW

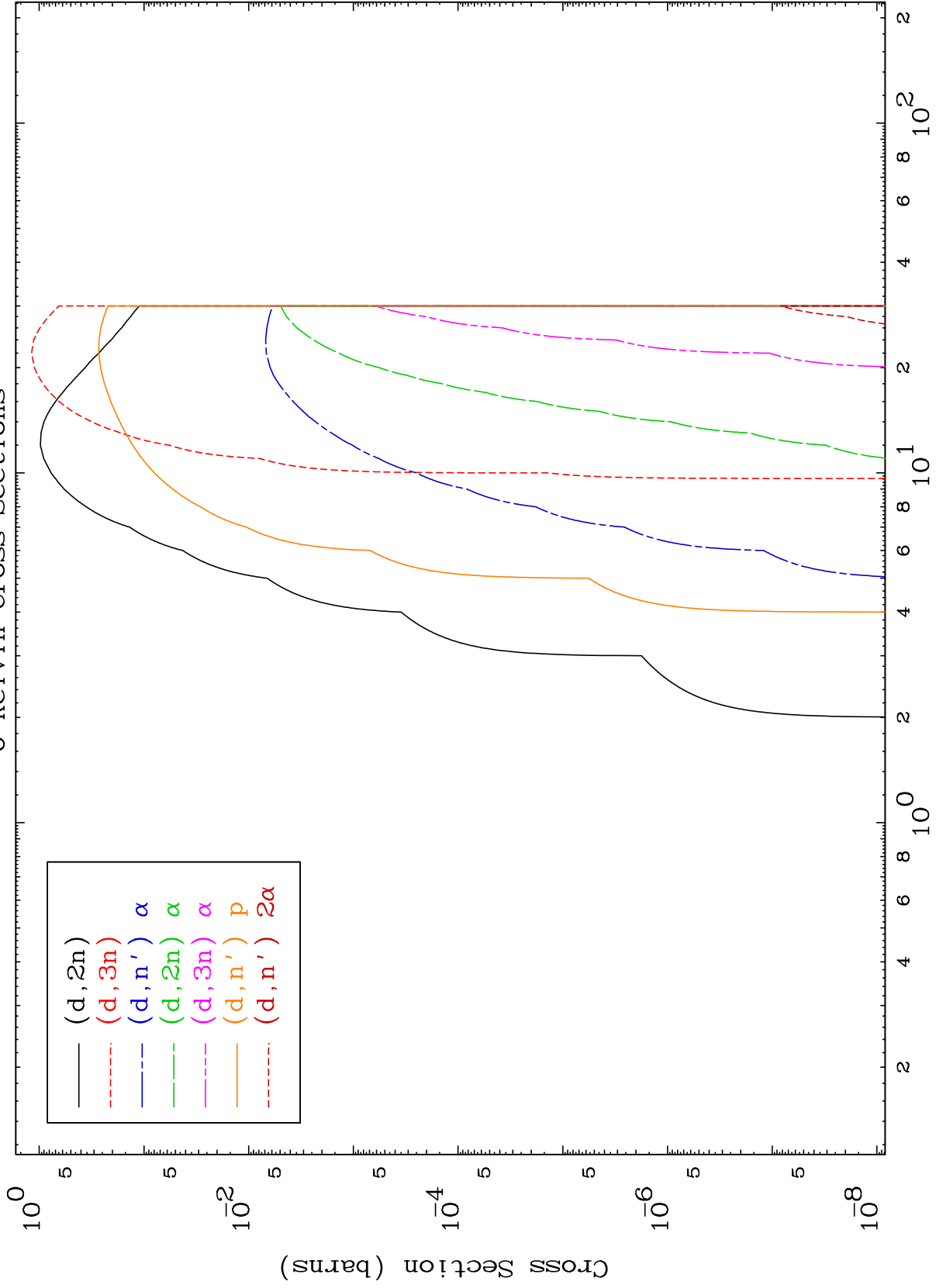
Press Mouse Button to Start

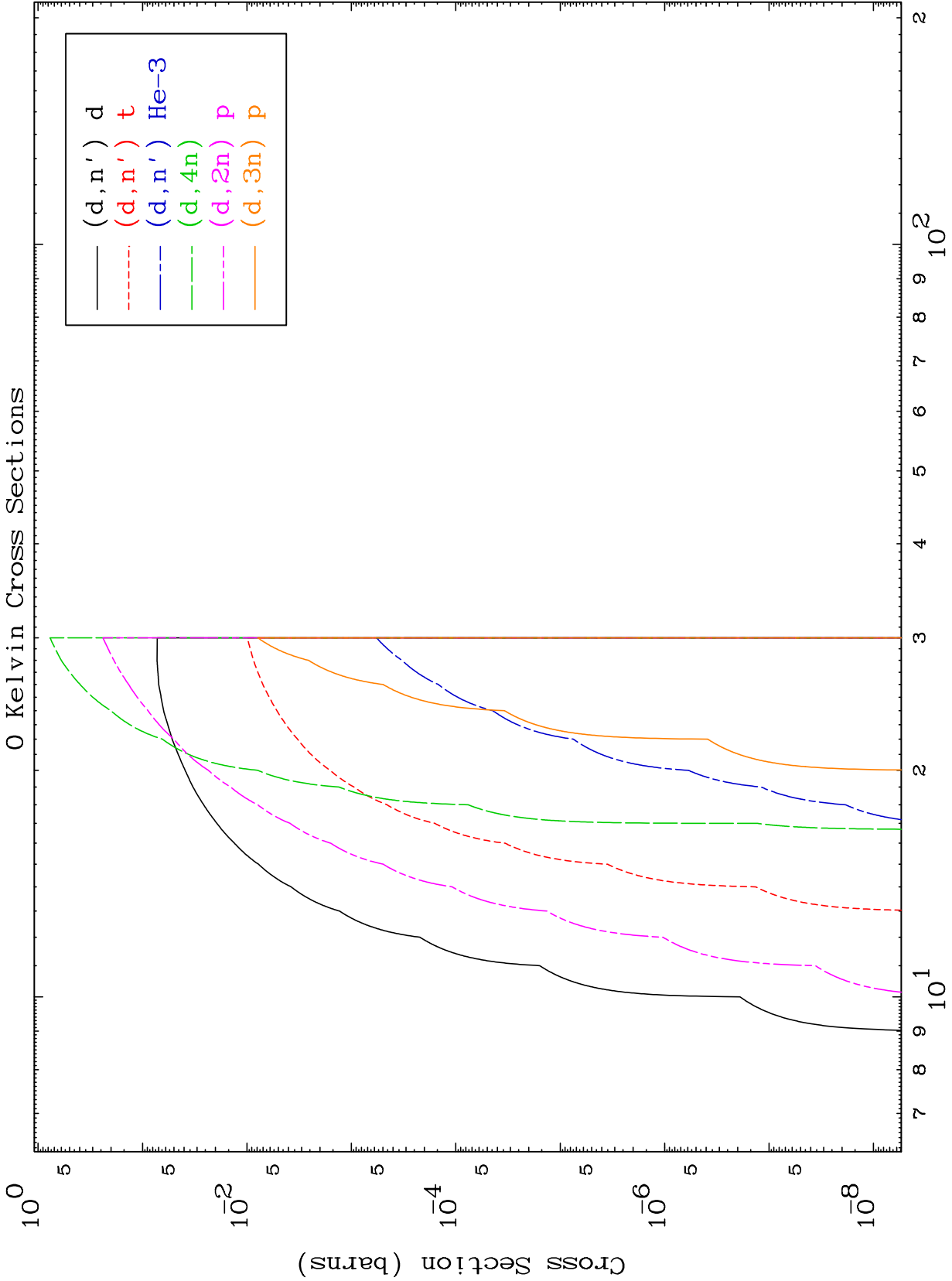
MAT 5136

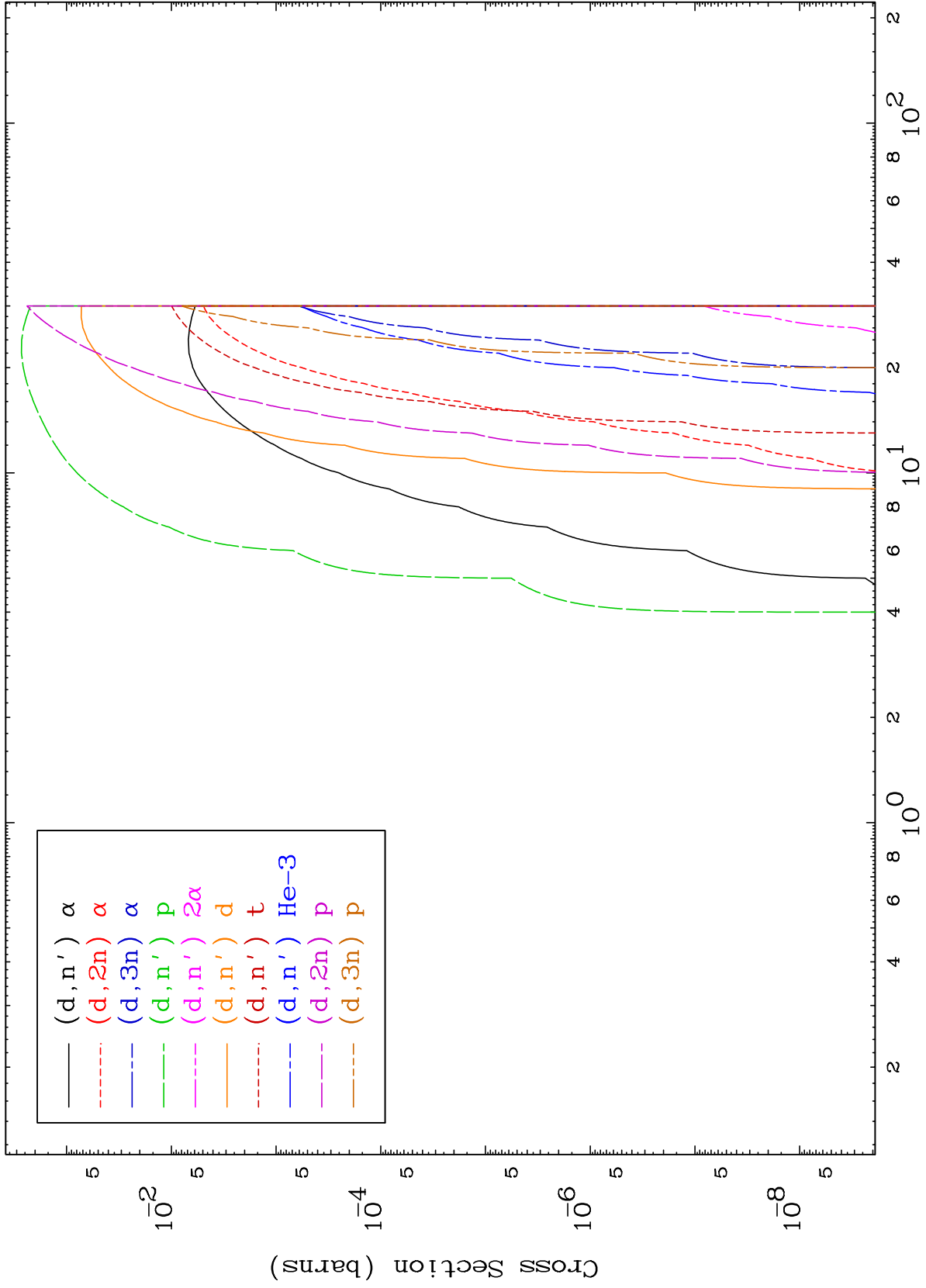
Deuteron Major  
0 Kelvin Cross Sections

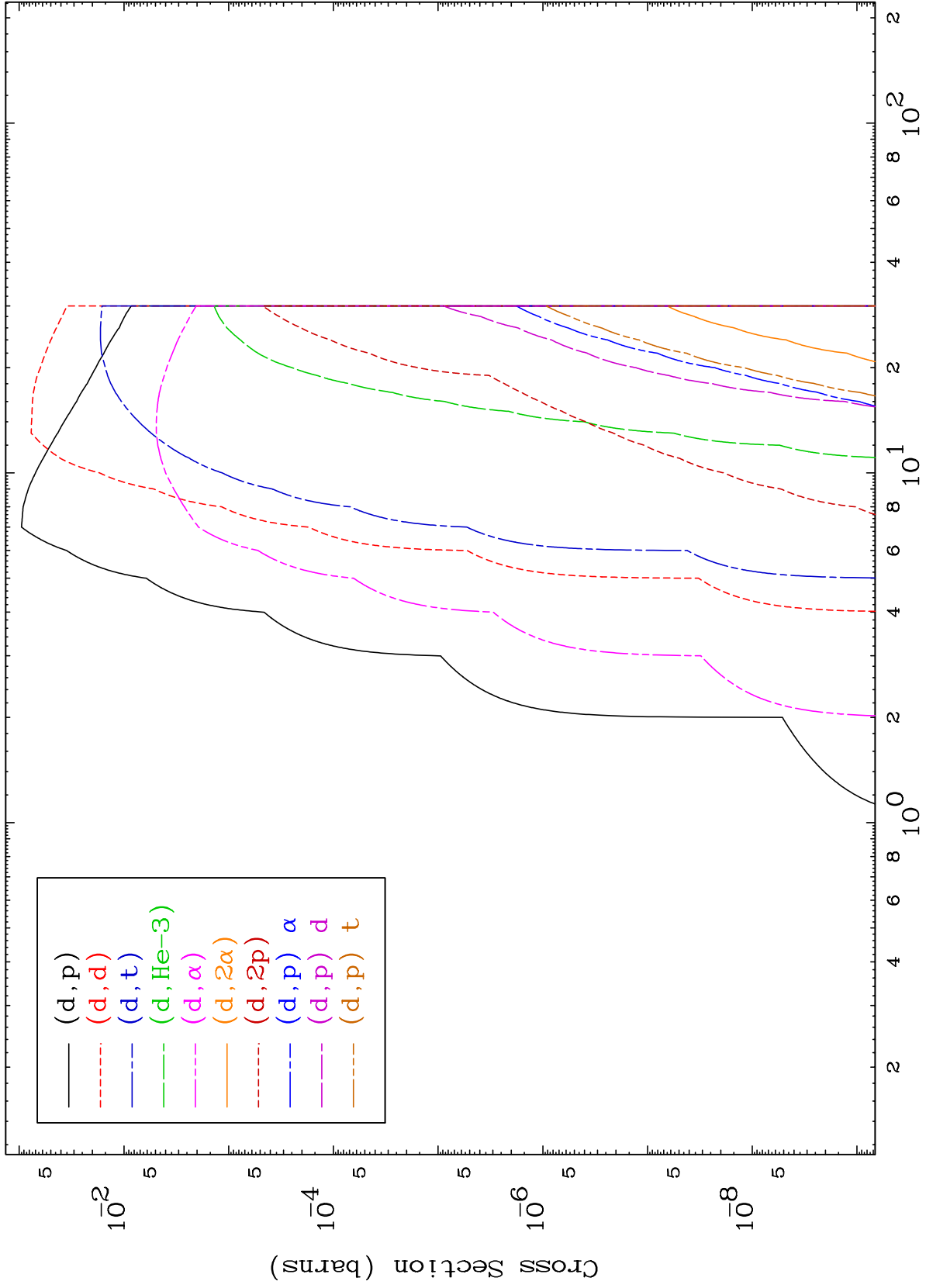
51-Sb-124









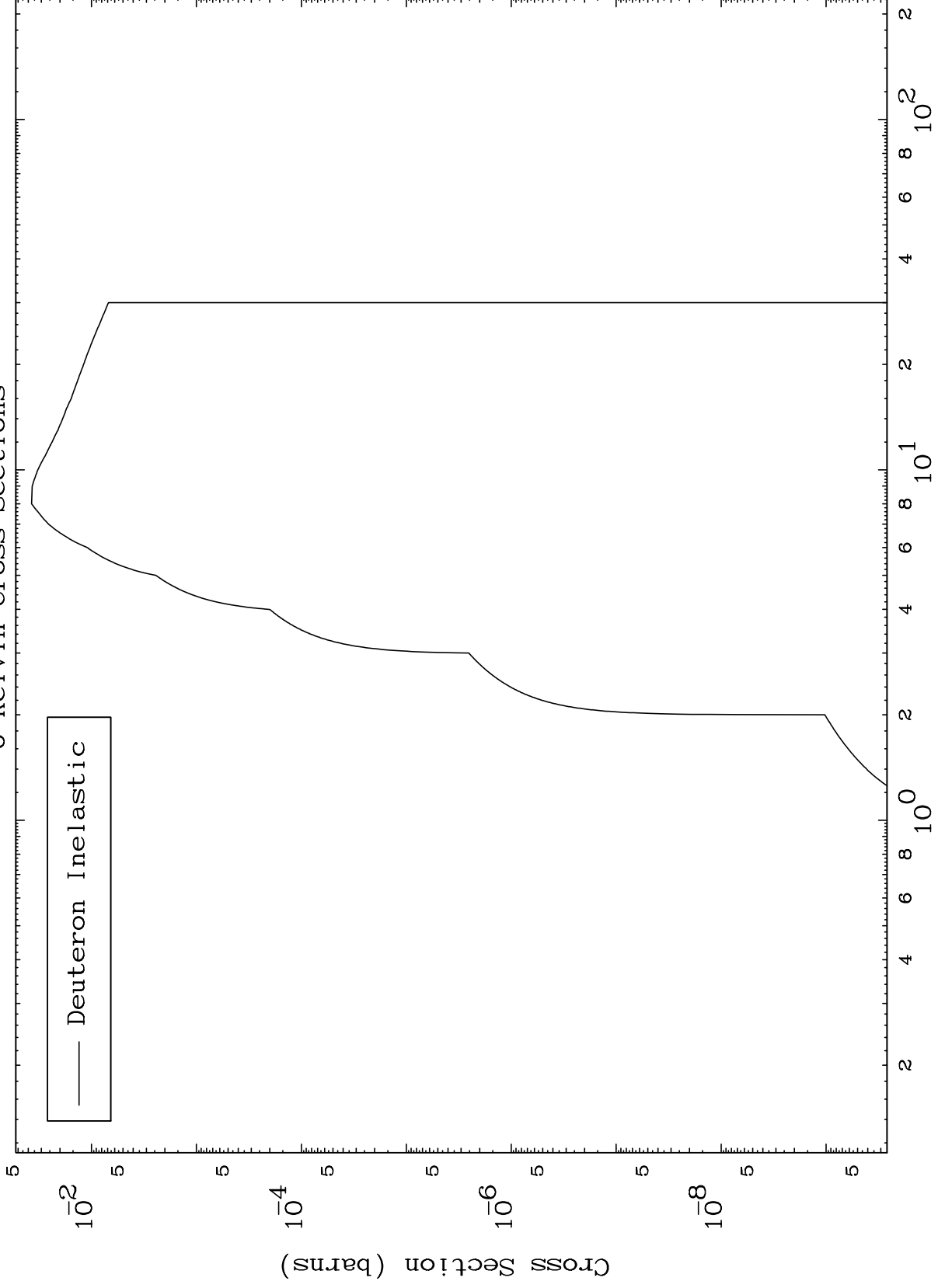


MAT 5136

(d,n') Level

51-Sb-124

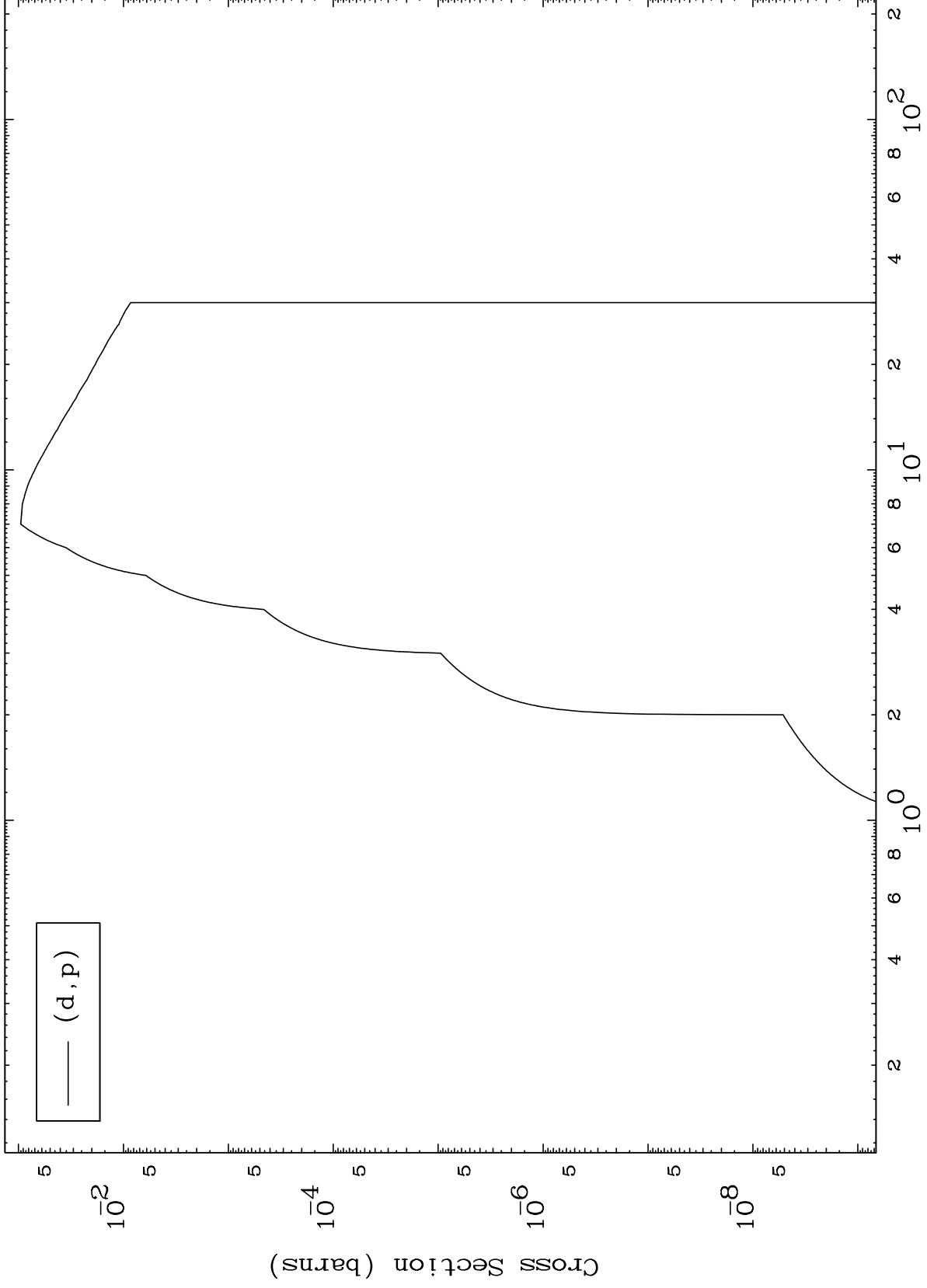
0 Kelvin Cross Sections



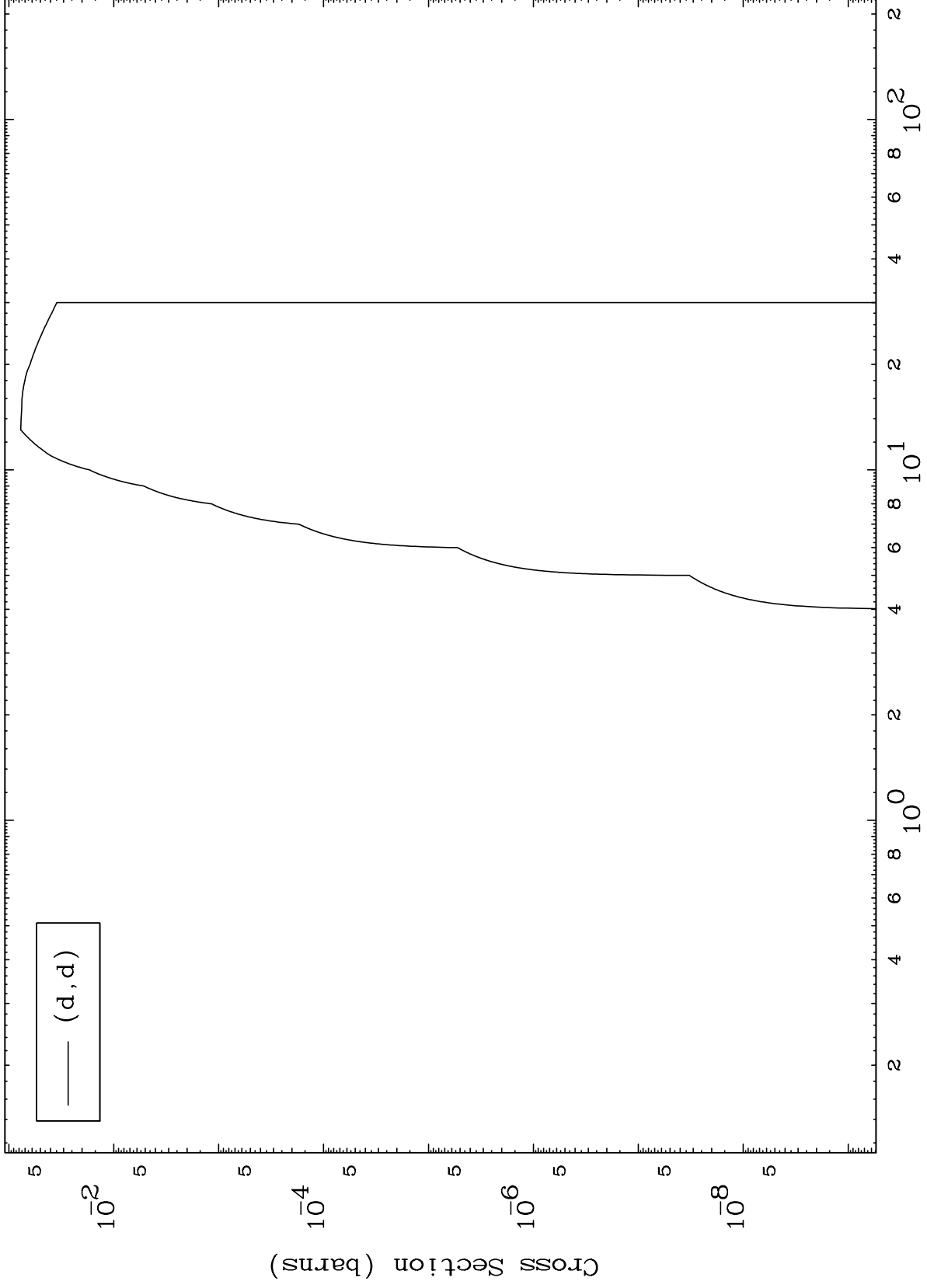
MAT 5136

51-Sb-124

(d,p) Levels  
0 Kelvin Cross Sections



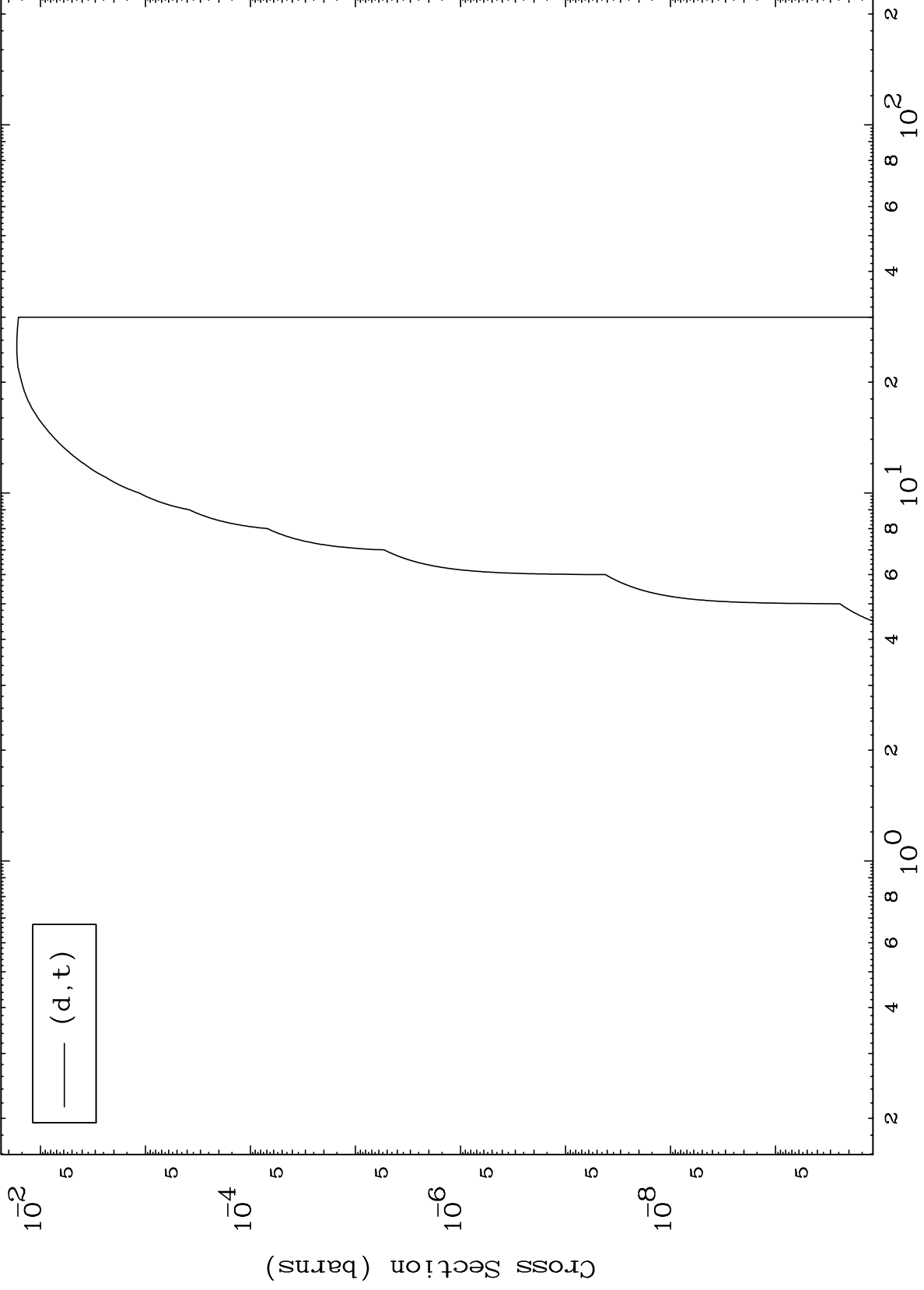




MAT 5136

(d,t) Levels  
0 Kelvin Cross Sections

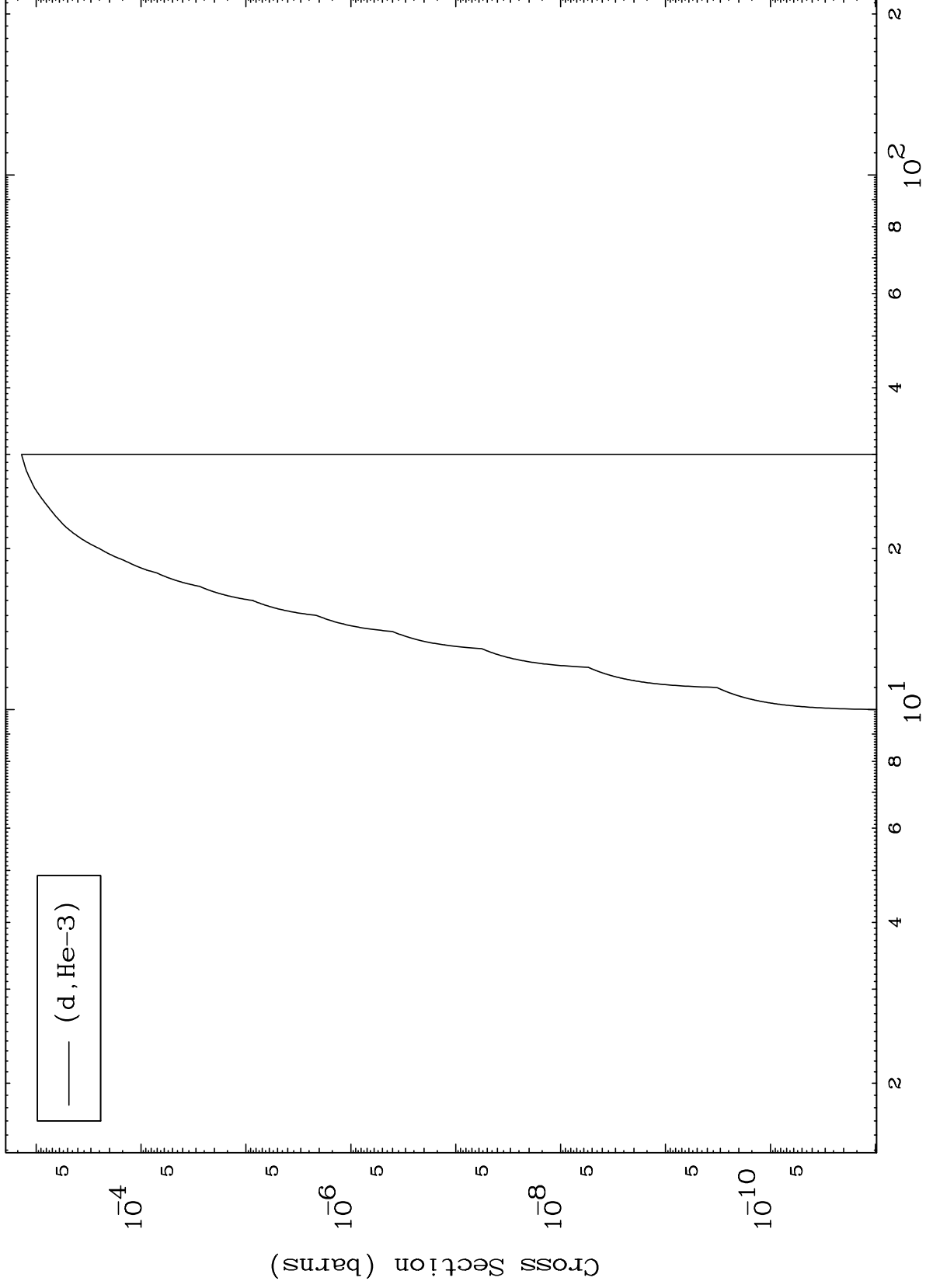
51-Sb-124



MAT 5136

(d,He3) Levels  
0 Kelvin Cross Sections

51-Sb-124



10

Incident Energy (MeV)

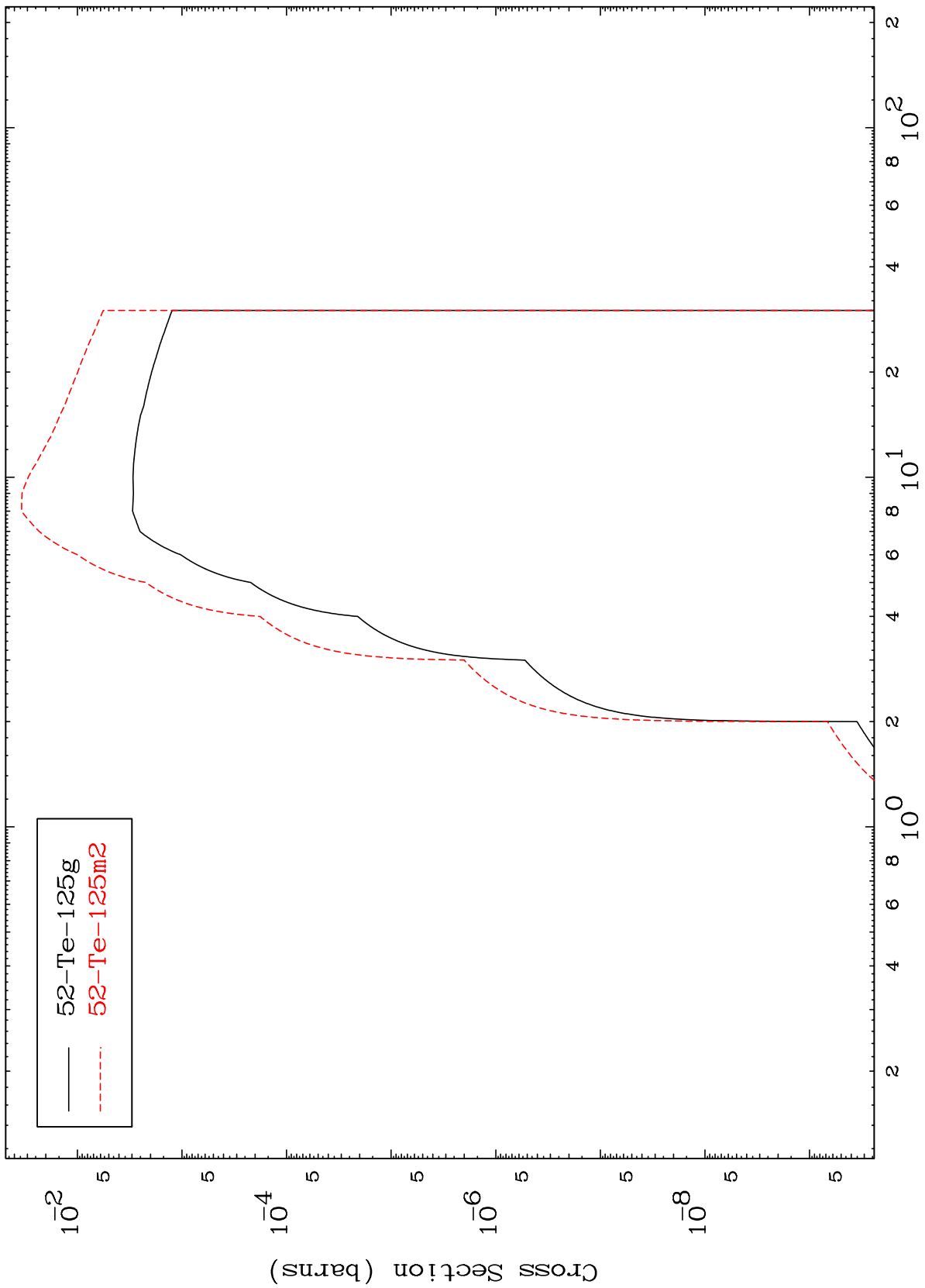
51-Sb-124



MAT 5136

51-Sb-124

Deuteron Inelastic  
Radionuclide Production Cross Section



51-Sb-124

Incident Energy (MeV)

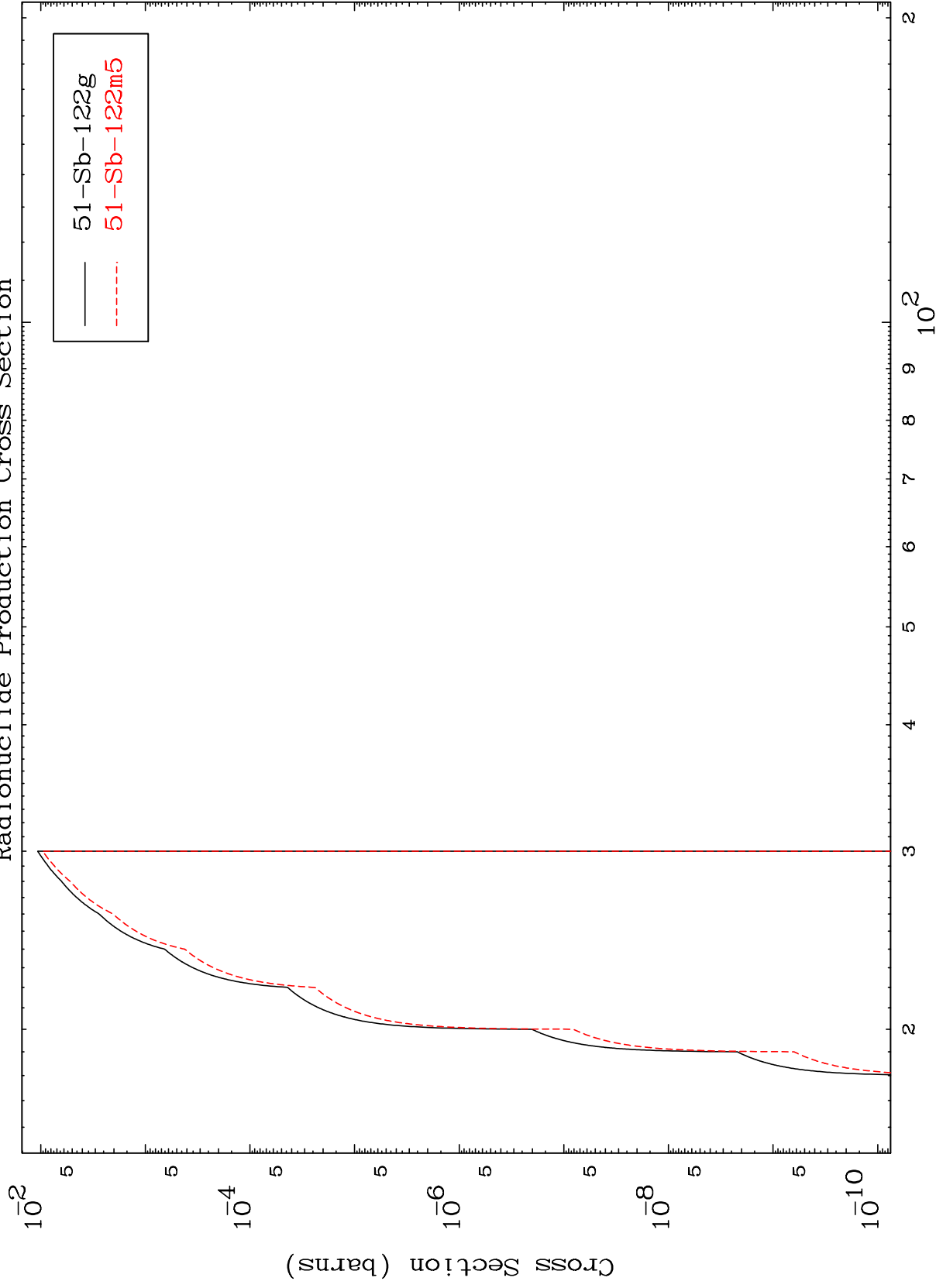
12

MAT 5136

(d,2n) d

51-Sb-124

Radionuclide Production Cross Section



13

Incident Energy (MeV)

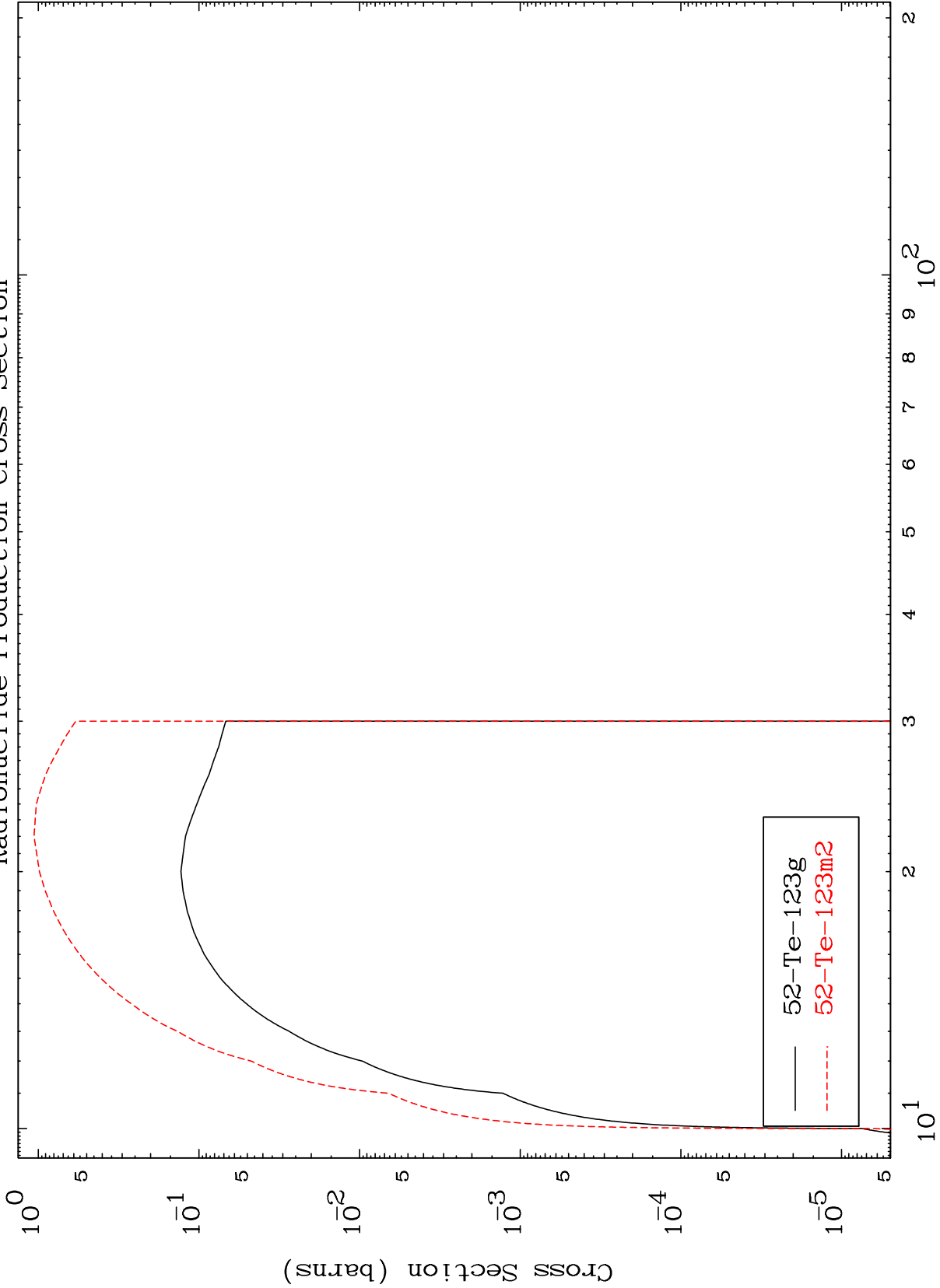
51-Sb-124

MAT 5136

(d,3n)

51-Sb-124

Radionuclide Production Cross Section



Incident Energy (MeV)

51-Sb-124

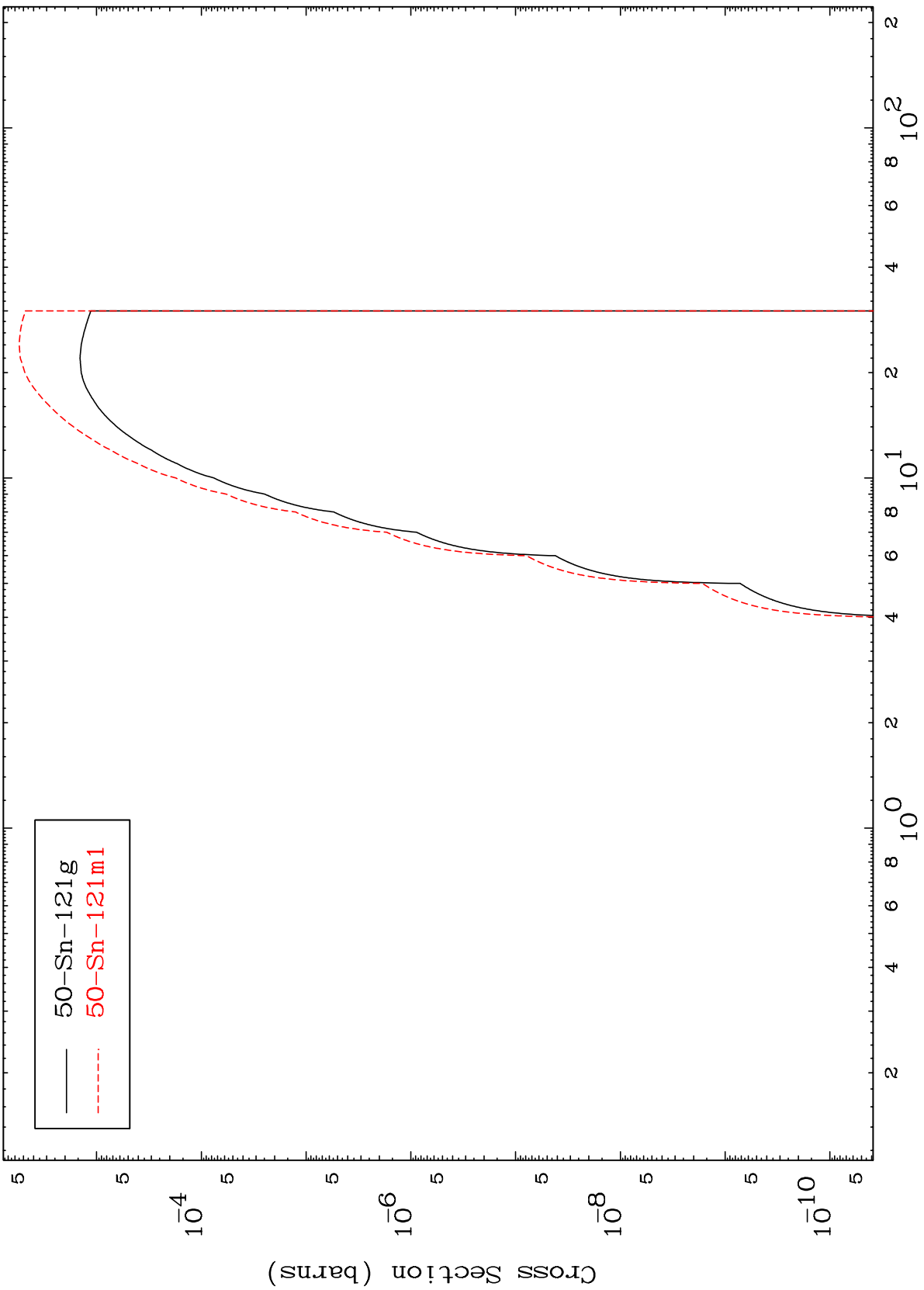
14

MAT 5136

(d,n')  $\alpha$

51-Sb-124

Radionuclide Production Cross Section



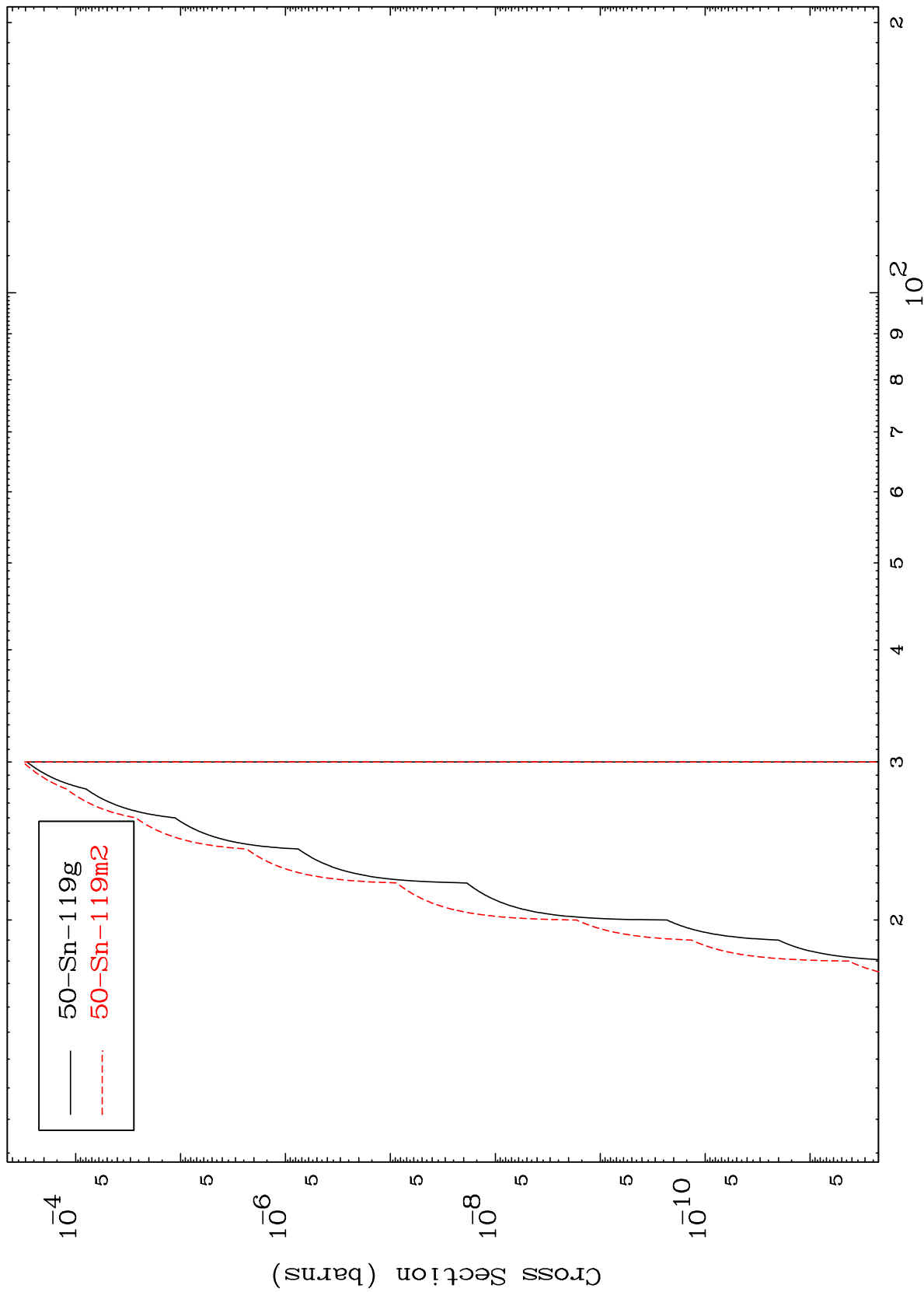
15

Incident Energy (MeV)

51-Sb-124



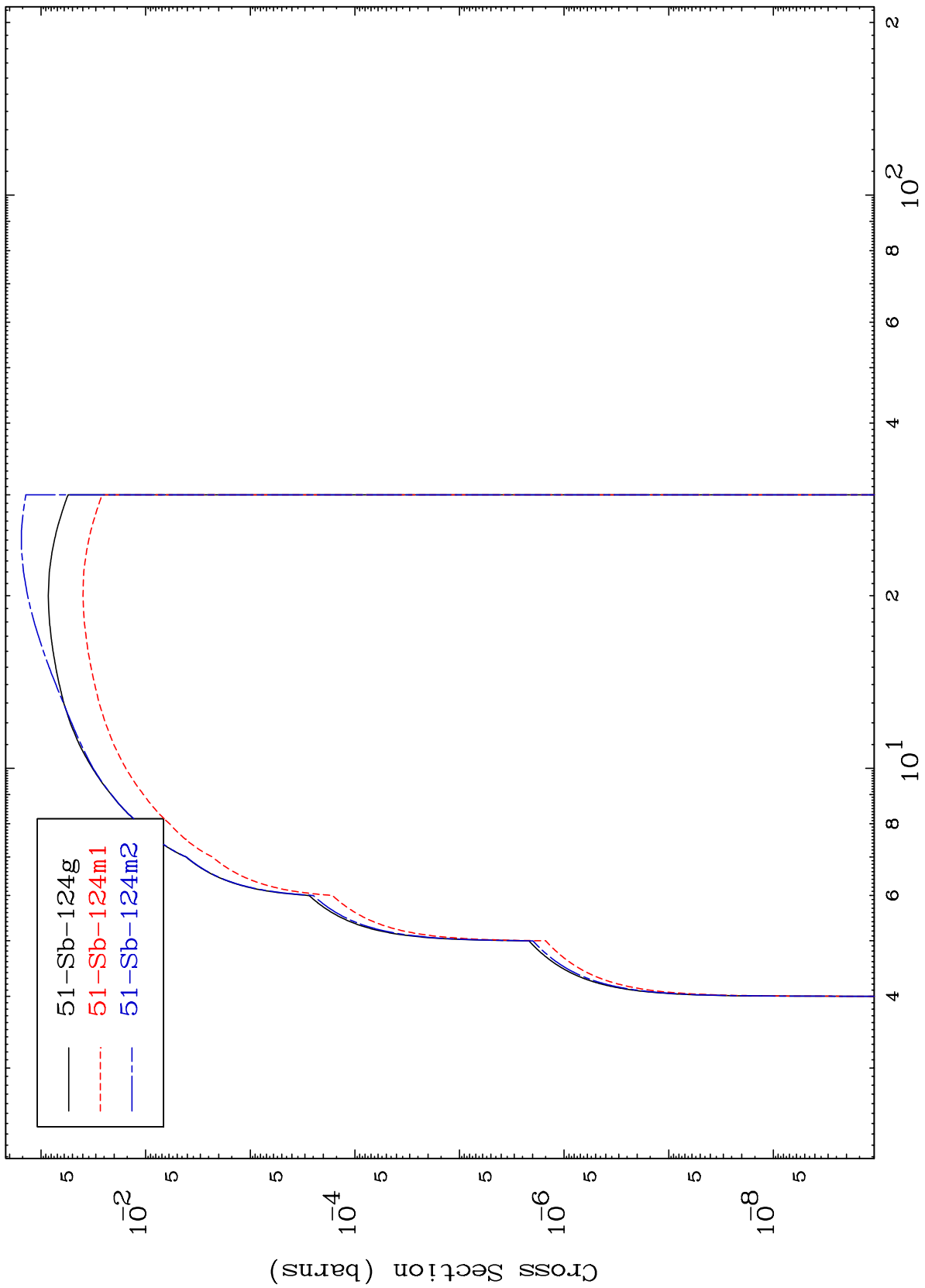
Radionuclide Production Cross Section



MAT 5136

51-Sb-124

(d,n') p  
Radionuclide Production Cross Section



51-Sb-124

Incident Energy (MeV)

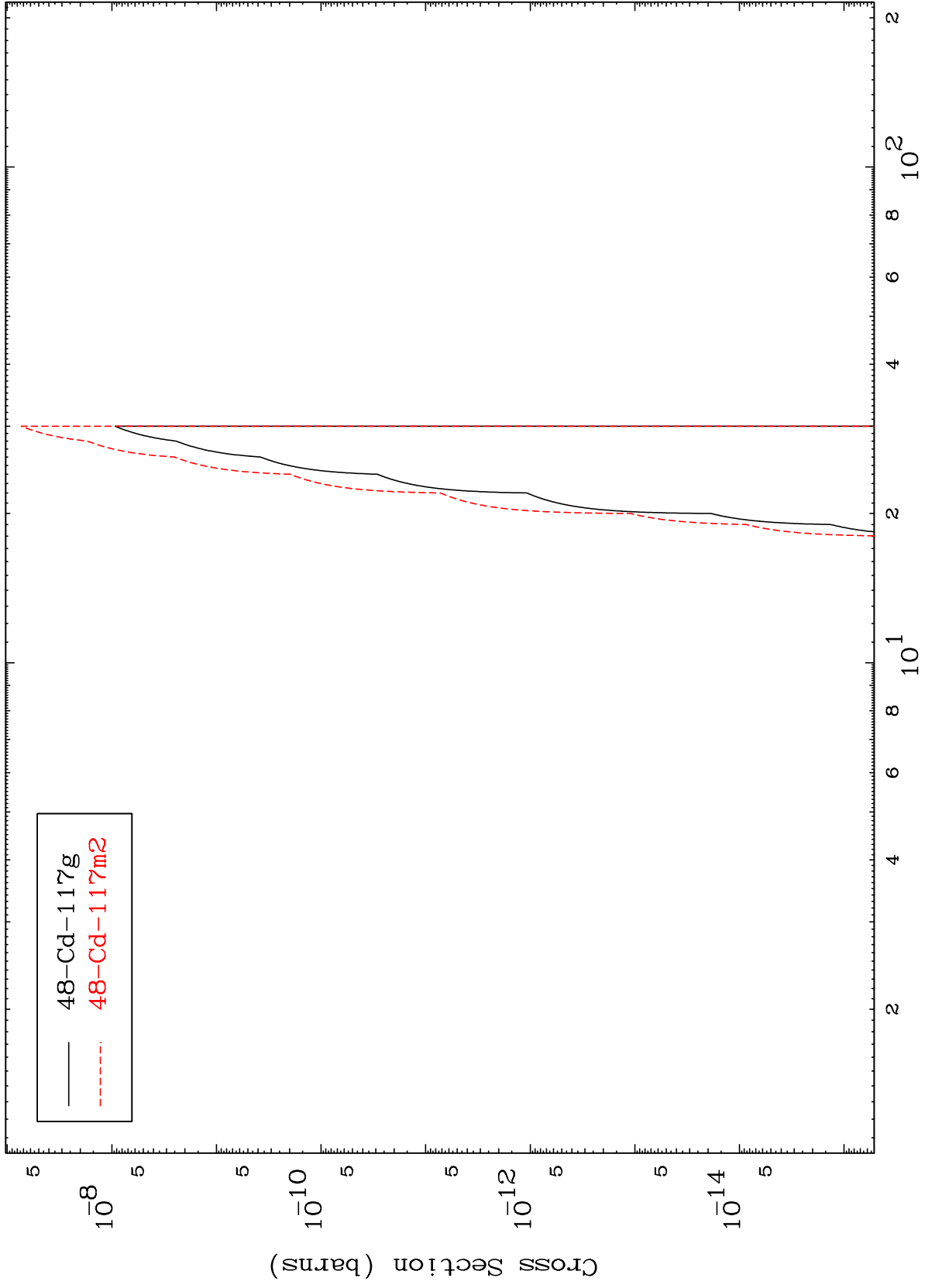
17

MAT 5136

(d,n') 2α

51-Sb-124

Radionuclide Production Cross Section



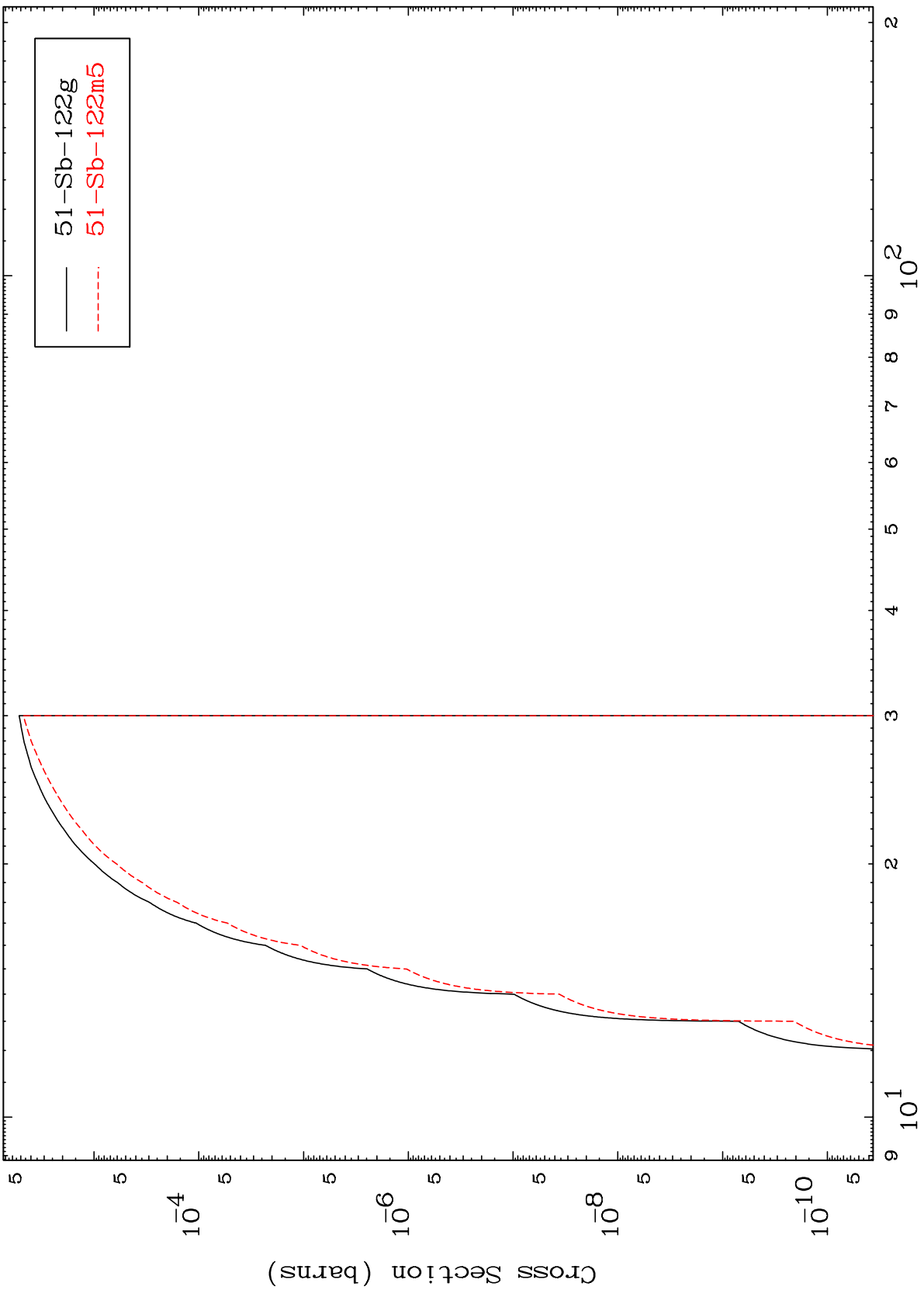
— 48-Cd-117g  
- - - 48-Cd-117m2

MAT 5136

(d,n') t

51-Sb-124

Radionuclide Production Cross Section



51-Sb-122g  
51-Sb-122m5

19

Incident Energy (MeV)

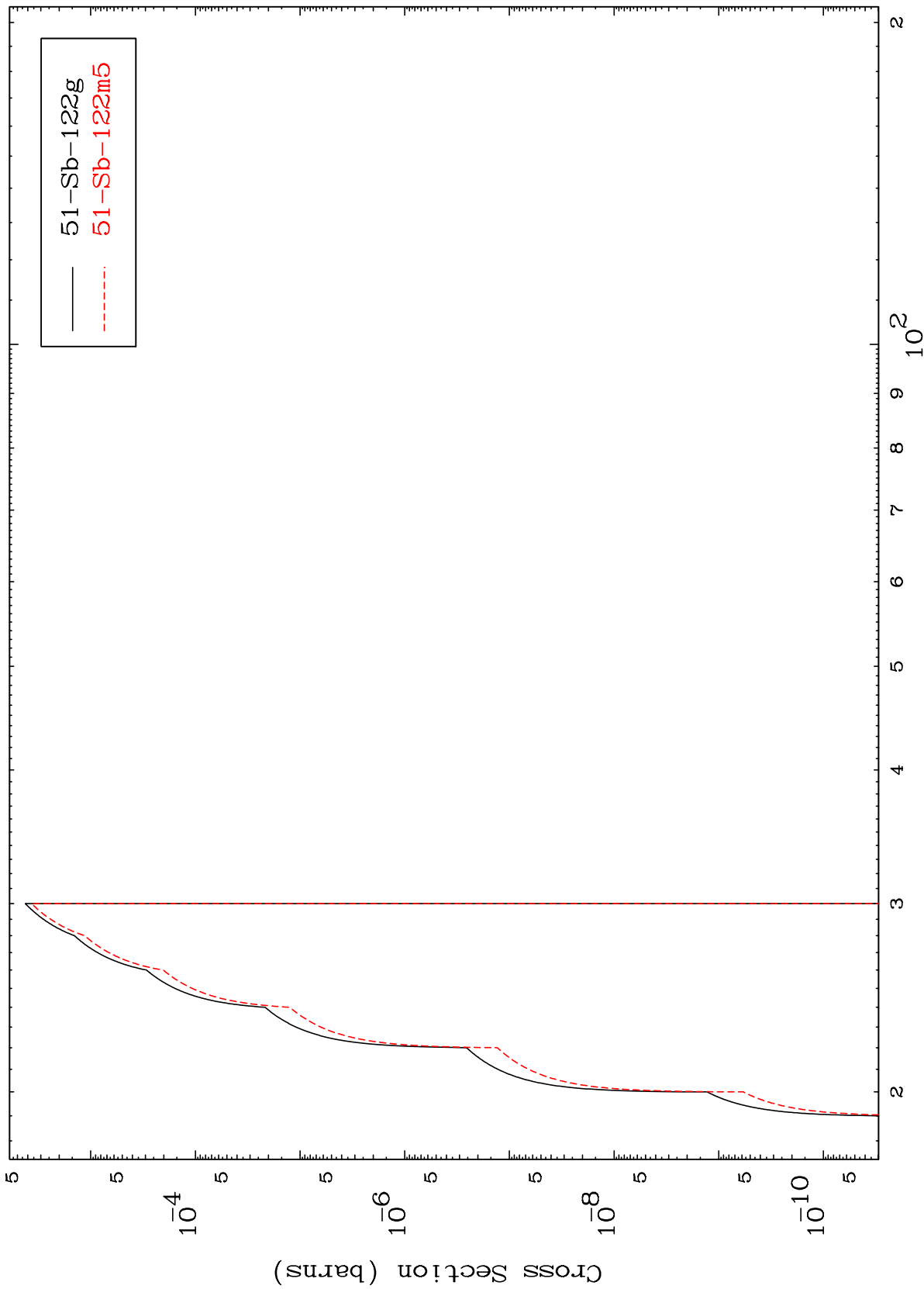
51-Sb-124

MAT 5136

(d,3n) p

51-Sb-124

Radionuclide Production Cross Section



20

Incident Energy (MeV)

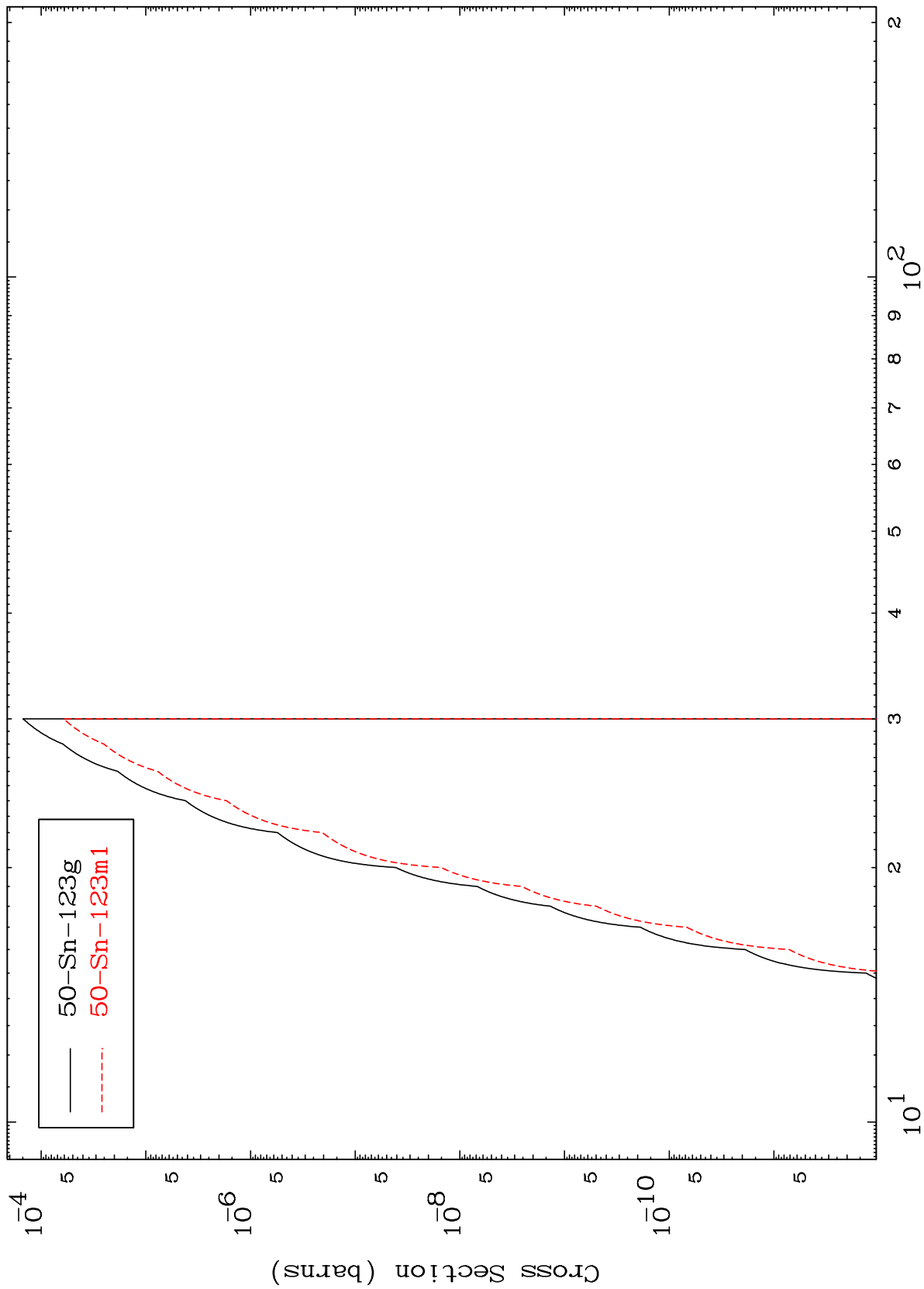
51-Sb-124

MAT 5136

(d,2n) p

51-Sb-124

Radionuclide Production Cross Section



21

Incident Energy (MeV)

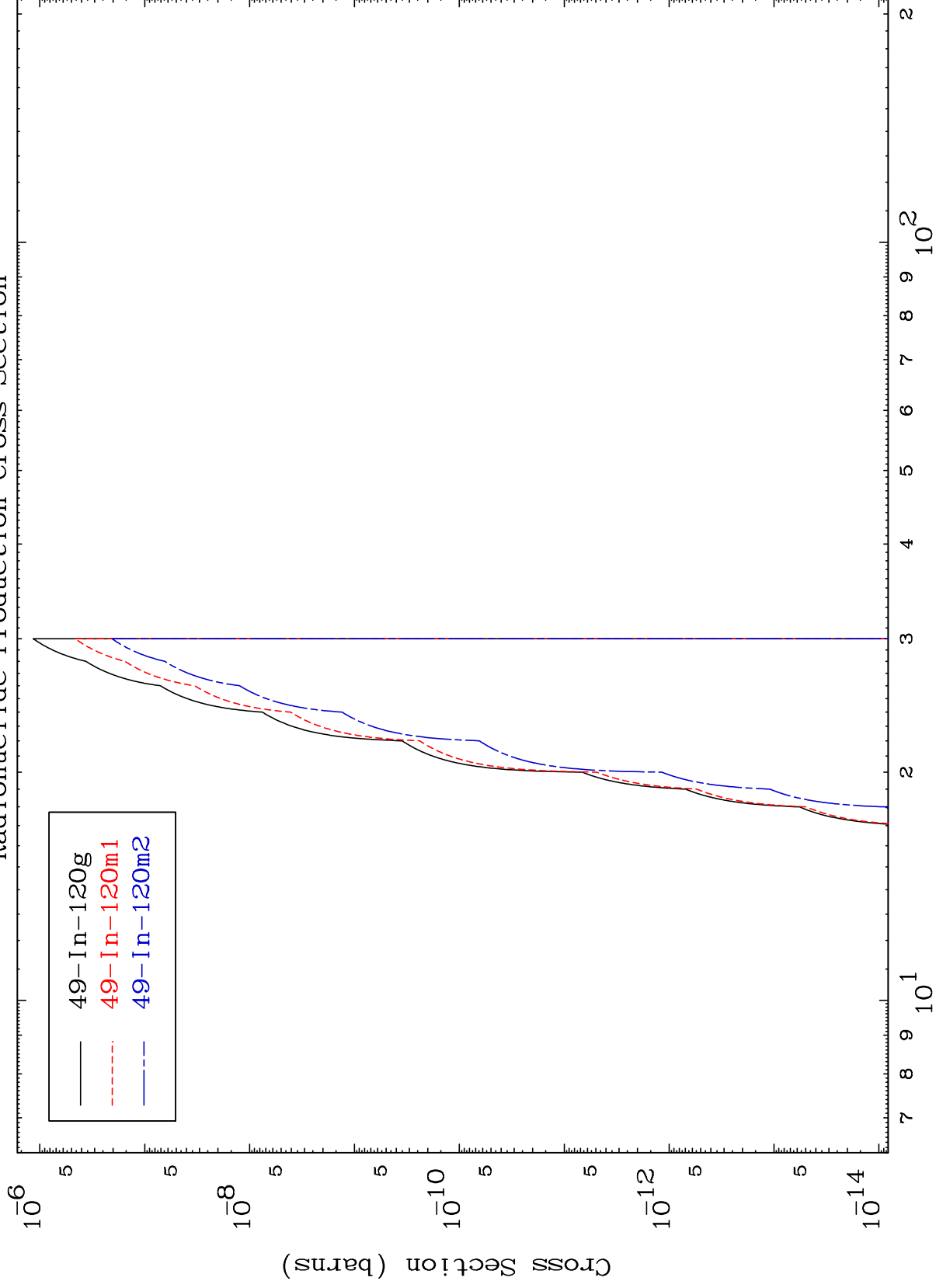
51-Sb-124

MAT 5136

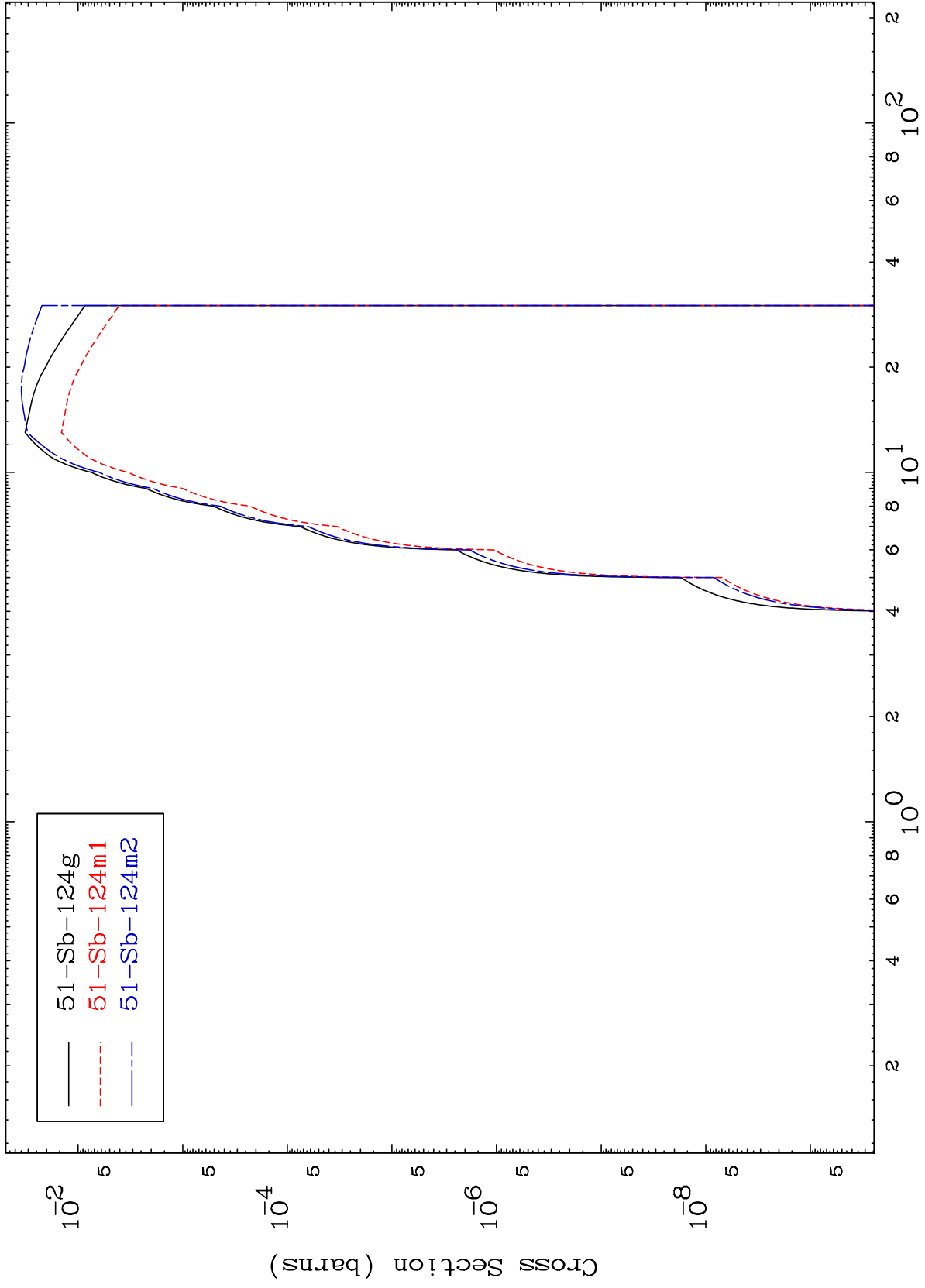
(d,n') p  $\alpha$

51-Sb-124

Radionuclide Production Cross Section



Radionuclide Production Cross Section



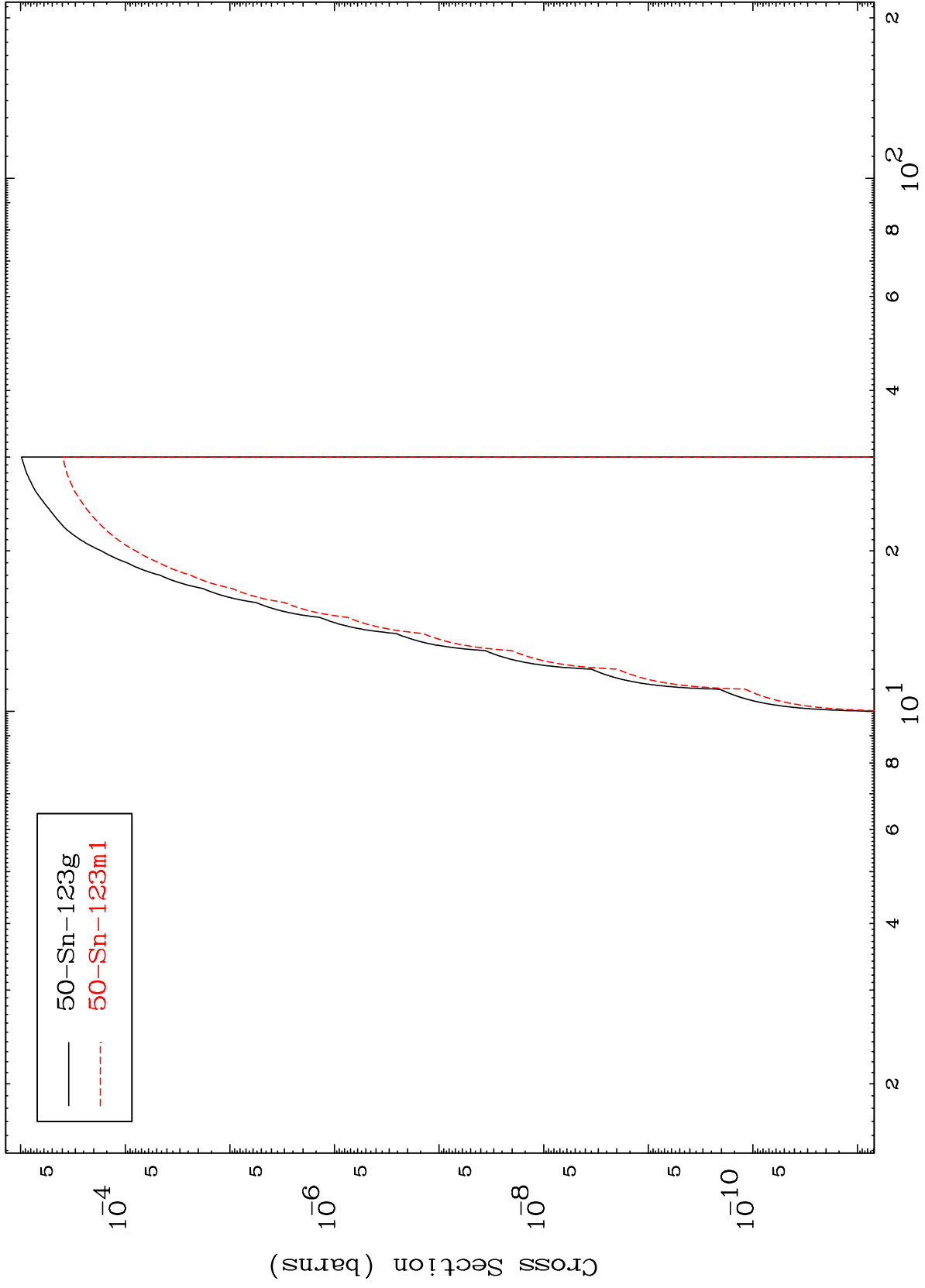


MAT 5136

(d,He-3)

51-Sb-124

Radionuclide Production Cross Section



50-Sn-123g  
50-Sn-123m1

24

Incident Energy (MeV)

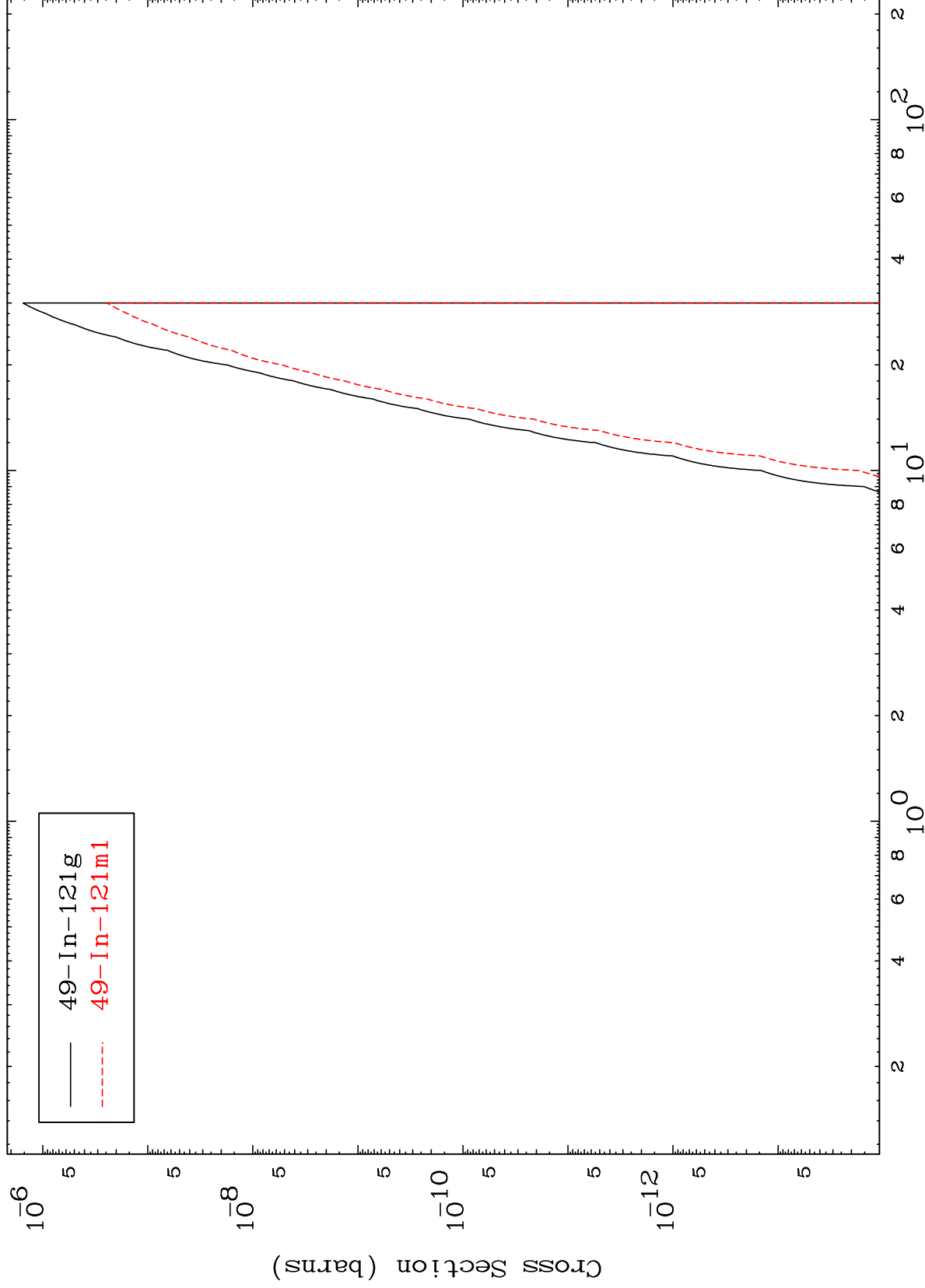
51-Sb-124

MAT 5136

(d,p)  $\alpha$

51-Sb-124

Radionuclide Production Cross Section



25

Incident Energy (MeV)

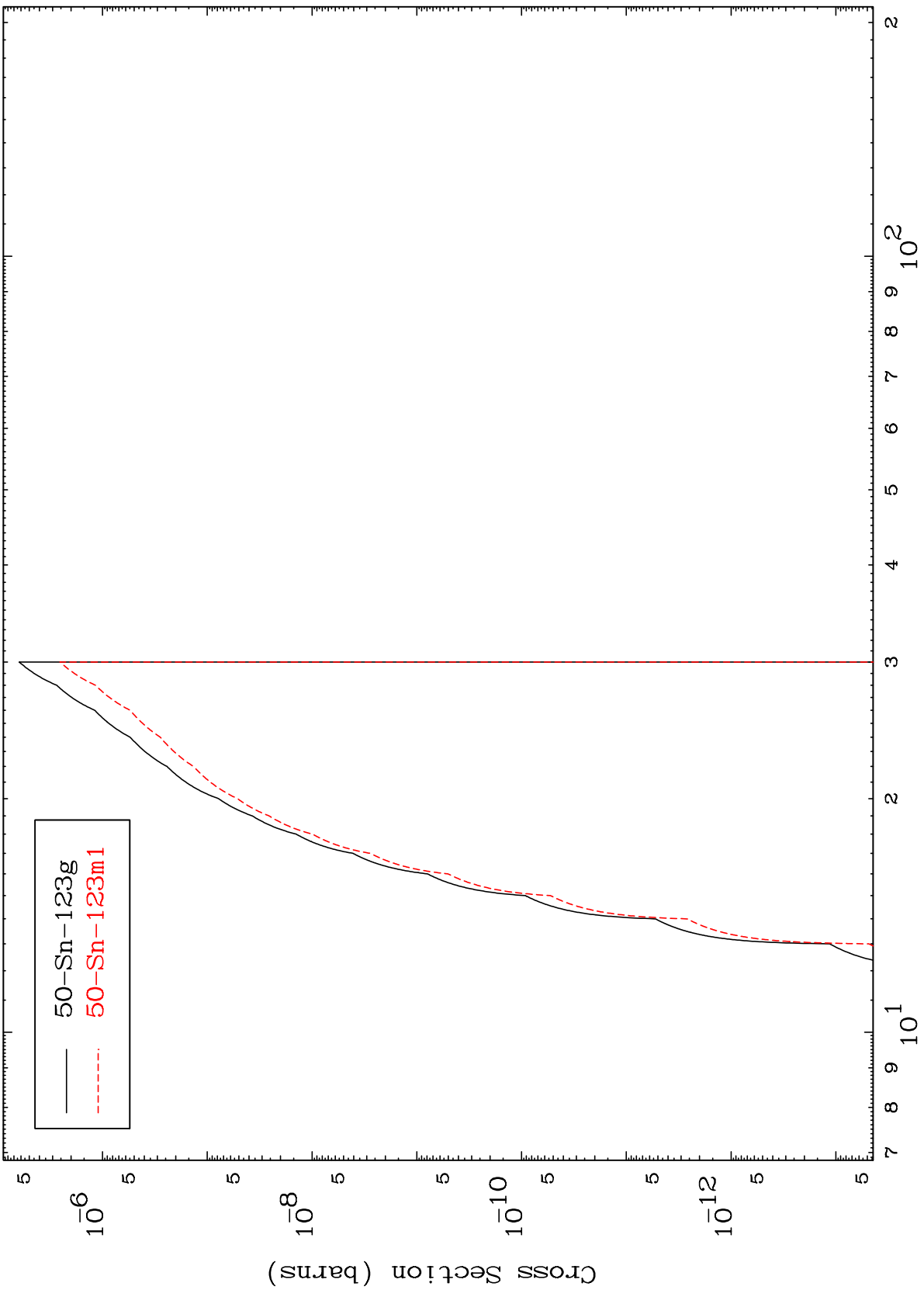
51-Sb-124

MAT 5136

(d,p) d

51-Sb-124

Radionuclide Production Cross Section



26

Incident Energy (MeV)

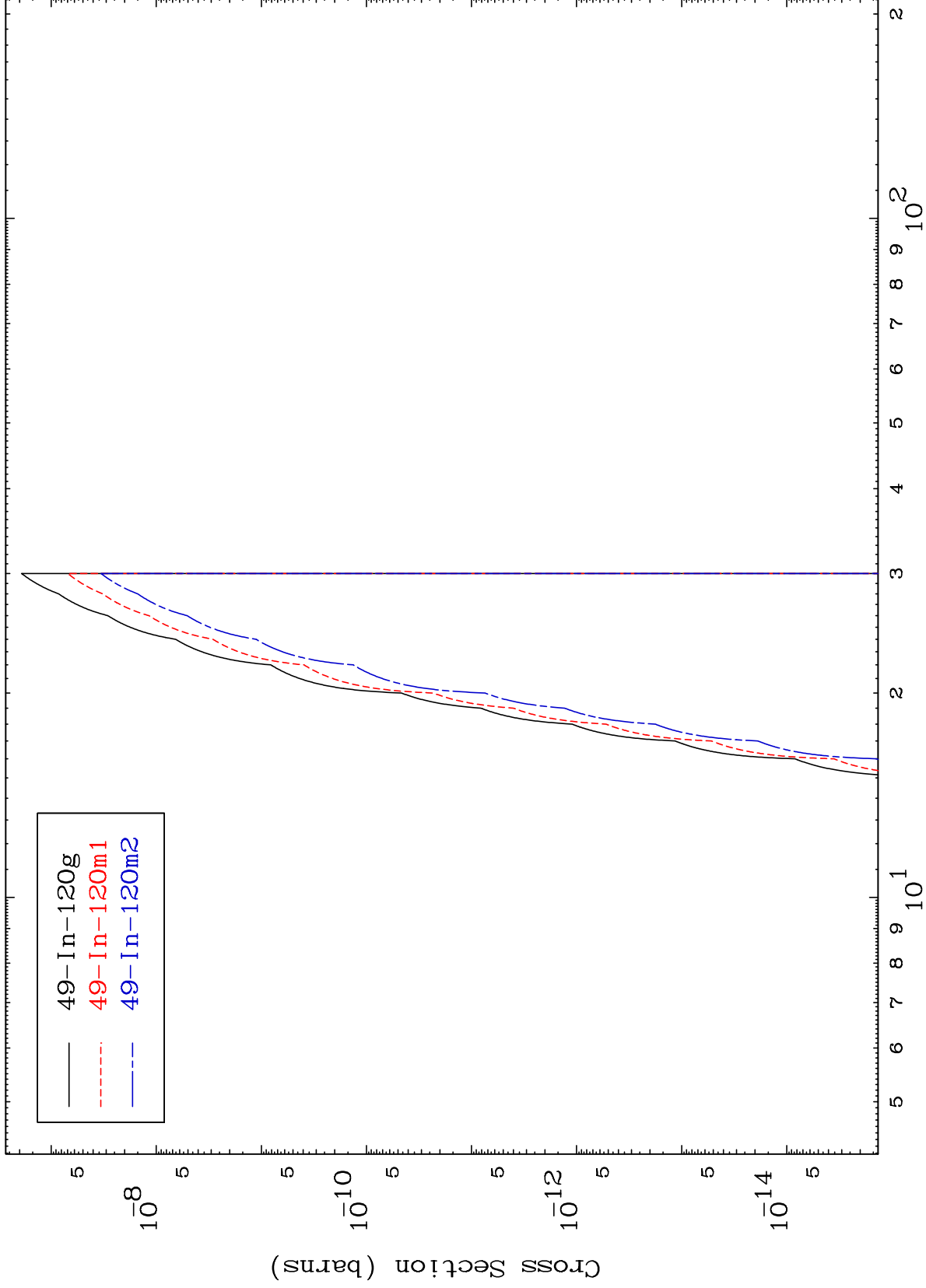
51-Sb-124

MAT 5136

(d,d)  $\alpha$

51-Sb-124

Radionuclide Production Cross Section



27

Incident Energy (MeV)

51-Sb-124