

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

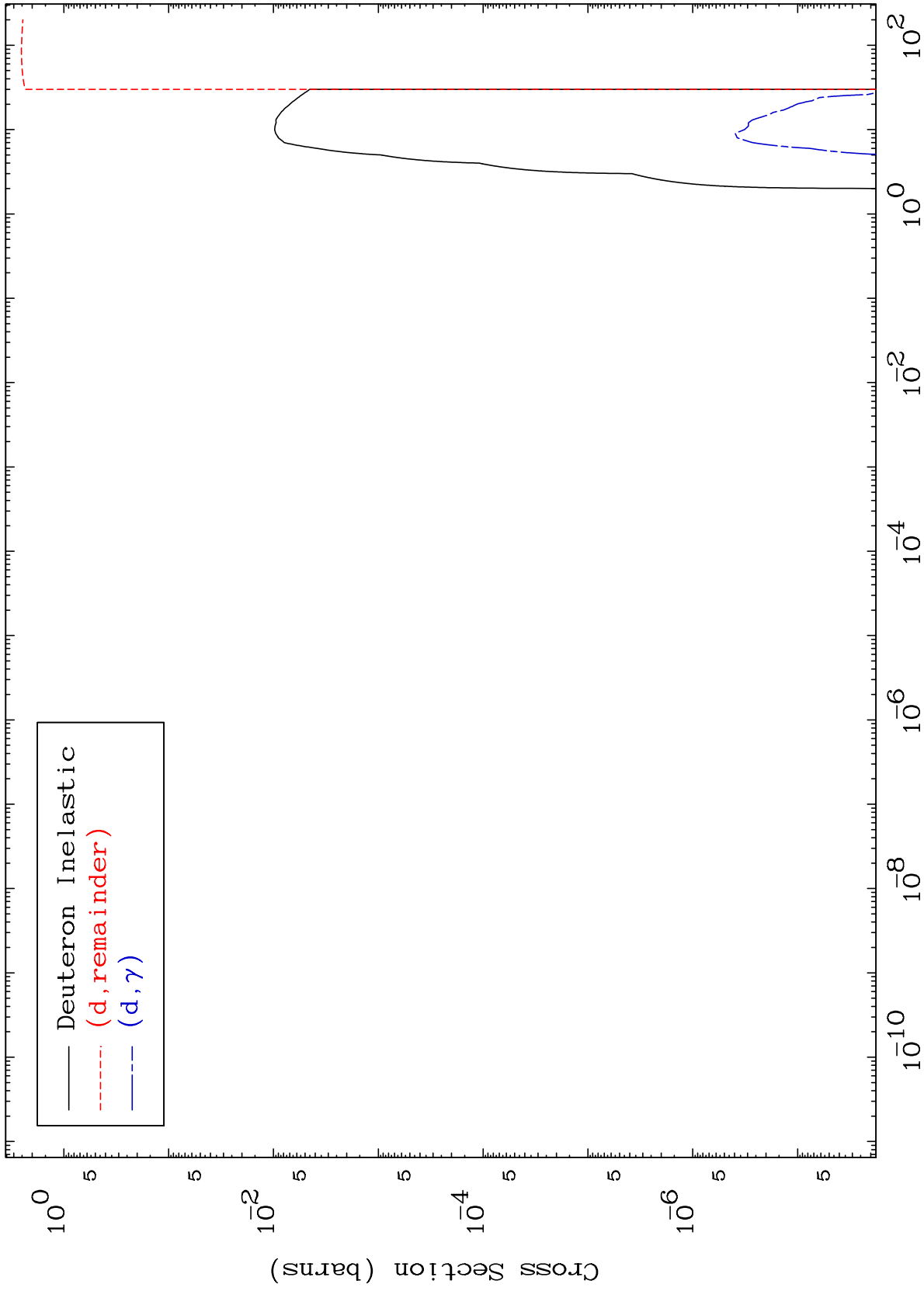
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5158

Deuteron Major  
0 Kelvin Cross Sections

51-Sb-132



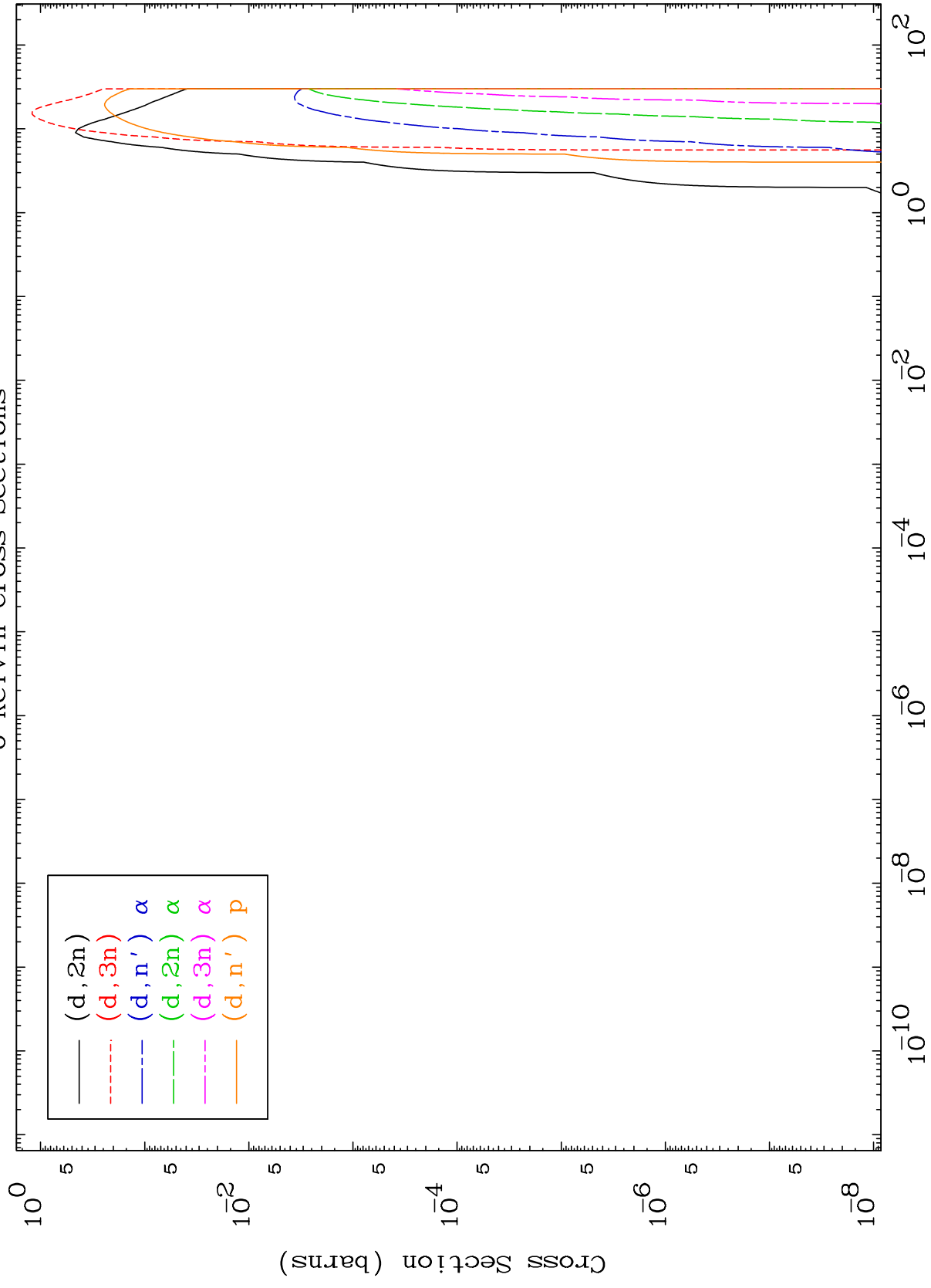
1

51-Sb-132

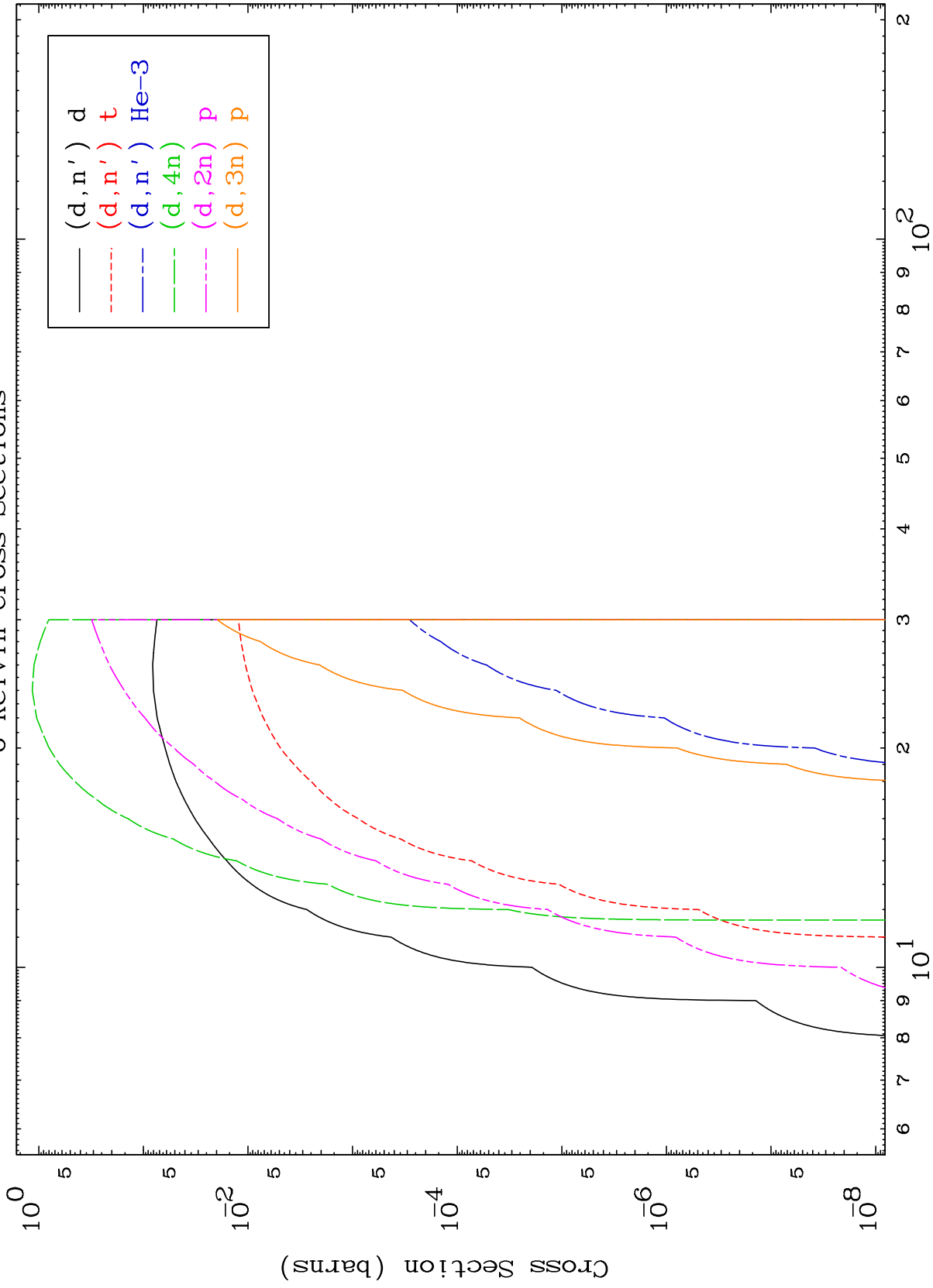
MAT 5158

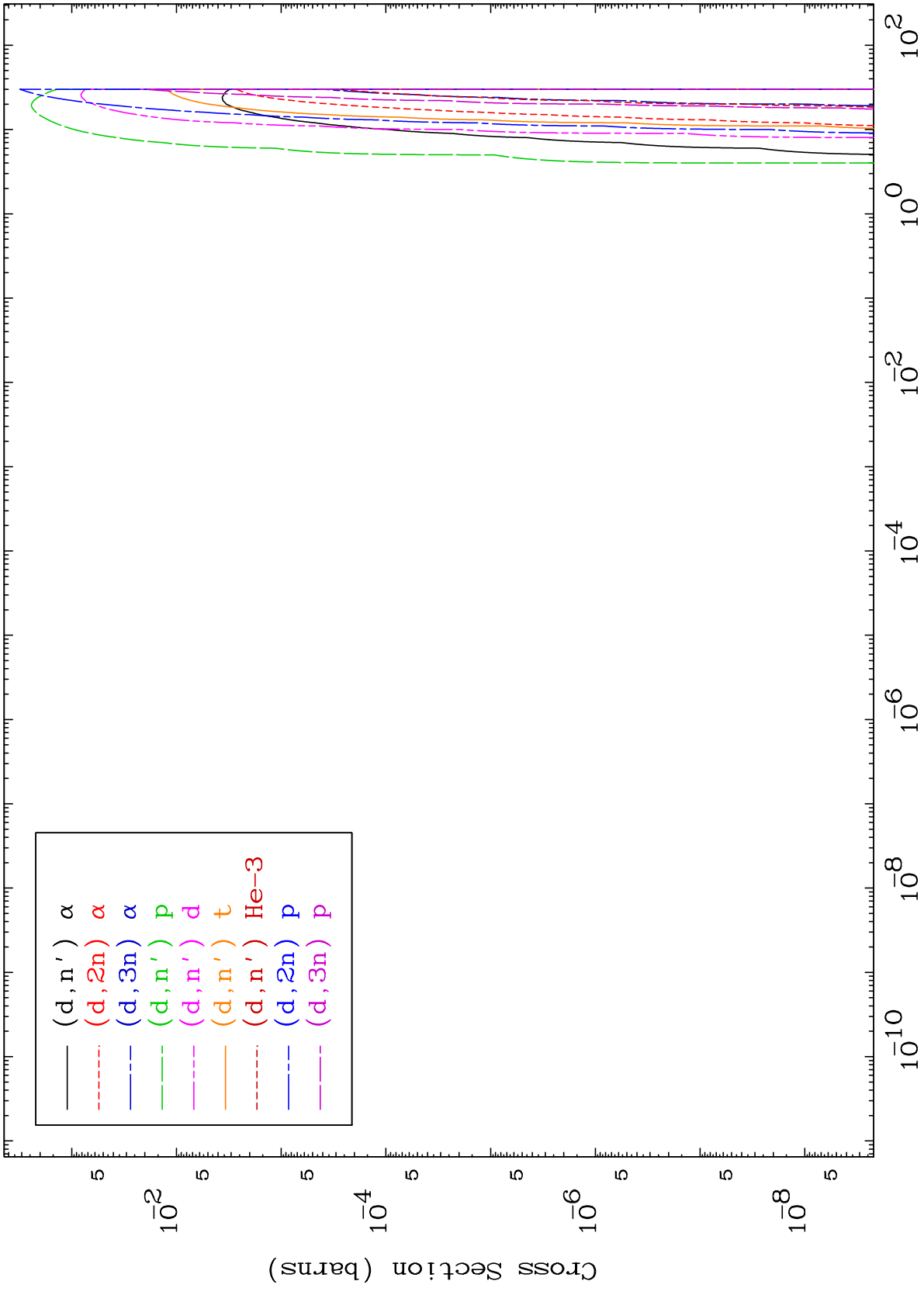
Deuteron Neutron Production  
0 Kelvin Cross Sections

51-Sb-132



51-Sb-132

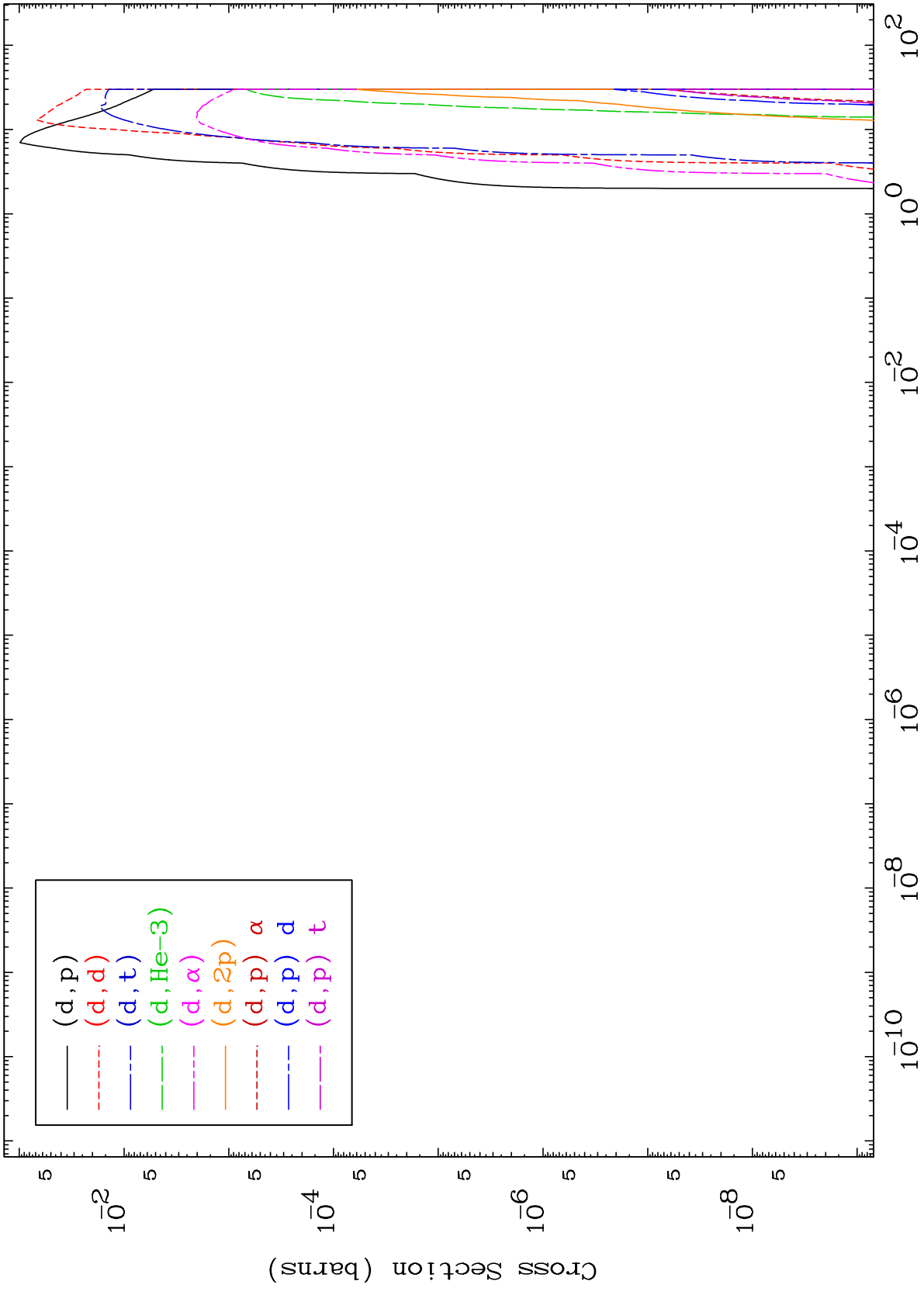




MAT 5158

Deuteron Charged Particle  
0 Kelvin Cross Sections

51-Sb-132



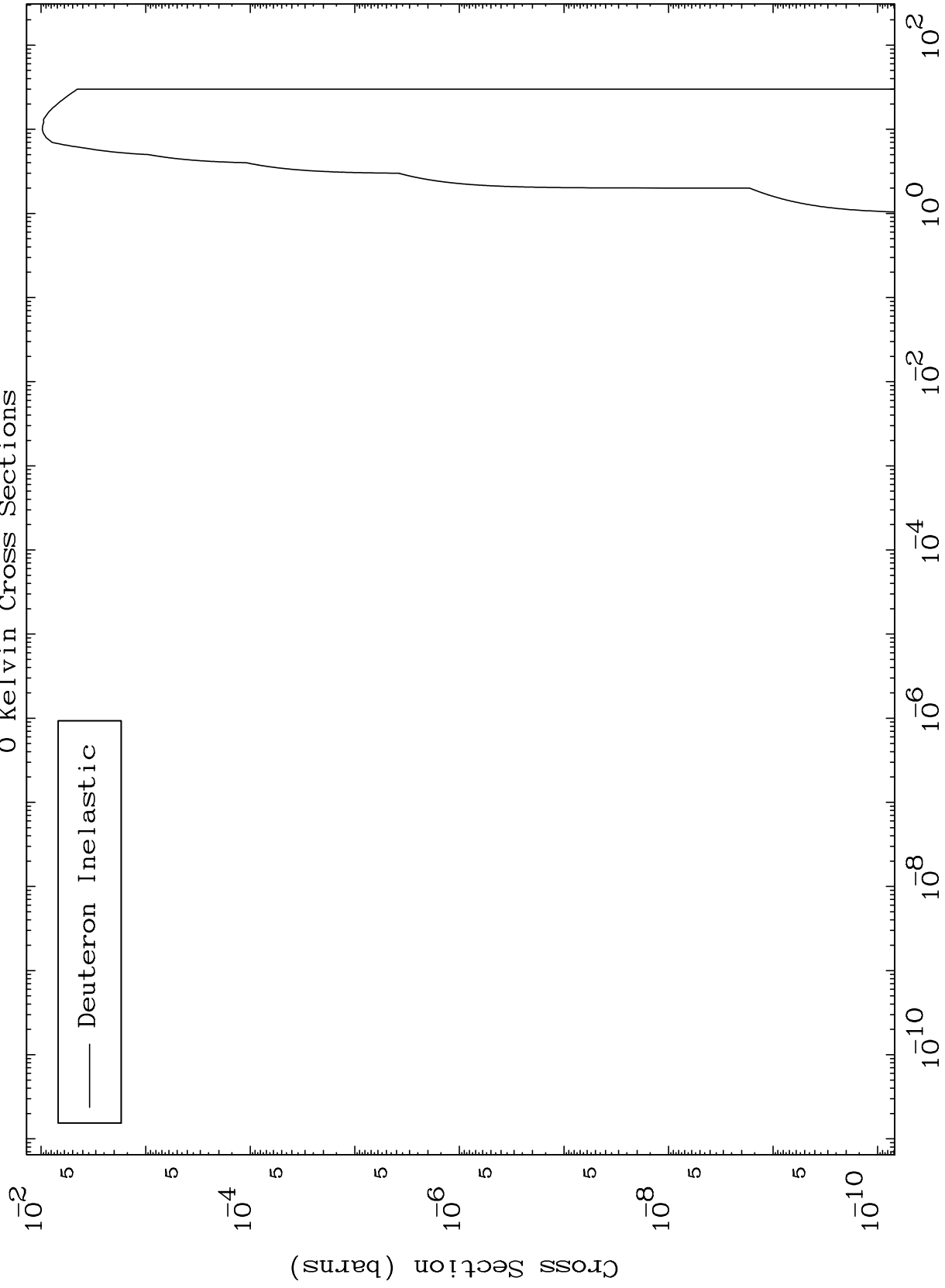
5

51-Sb-132

MAT 5158

(d,n') Level  
0 Kelvin Cross Sections

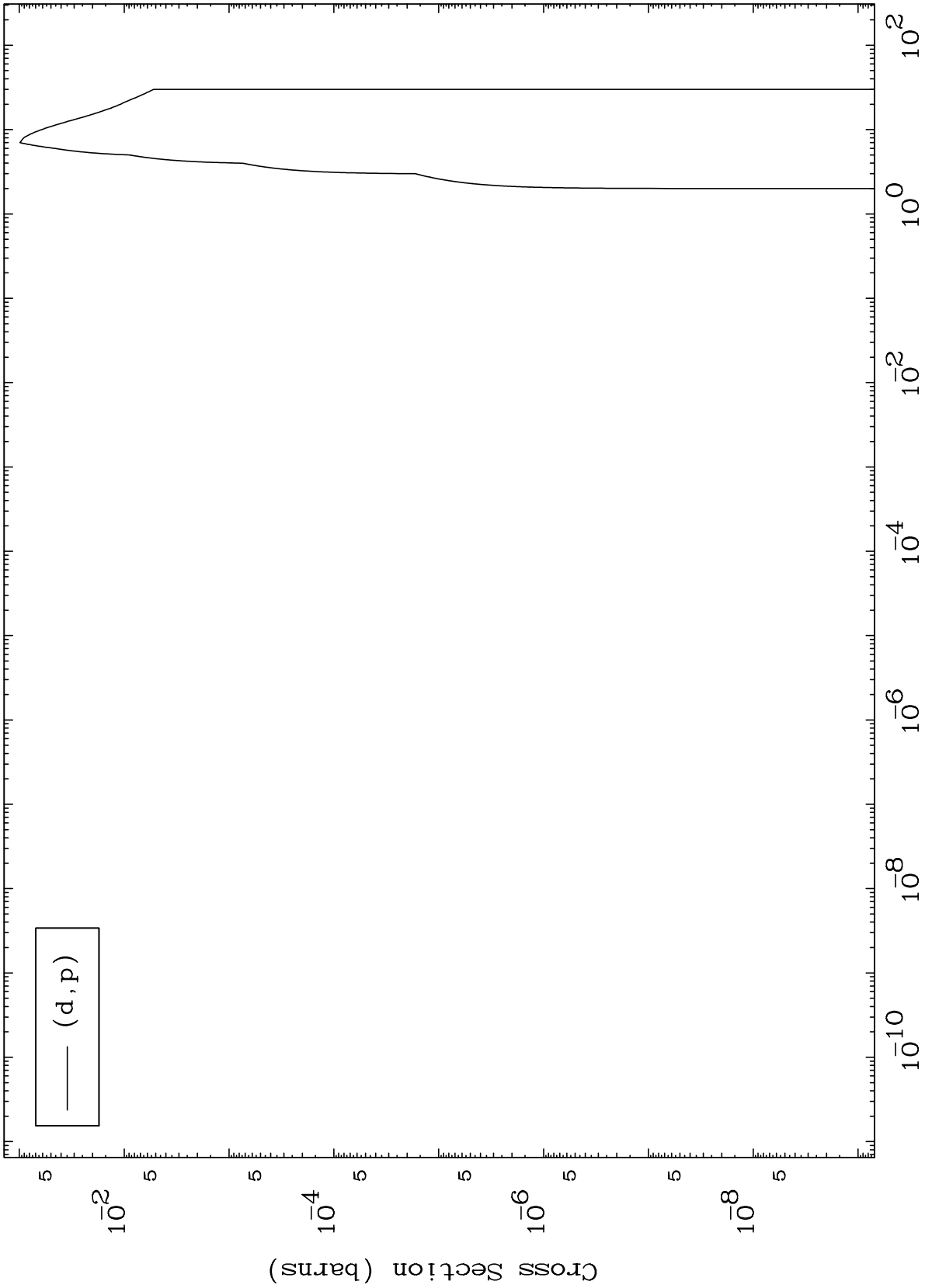
51-Sb-132



MAT 5158

(d,p) Levels  
0 Kelvin Cross Sections

51-Sb-132



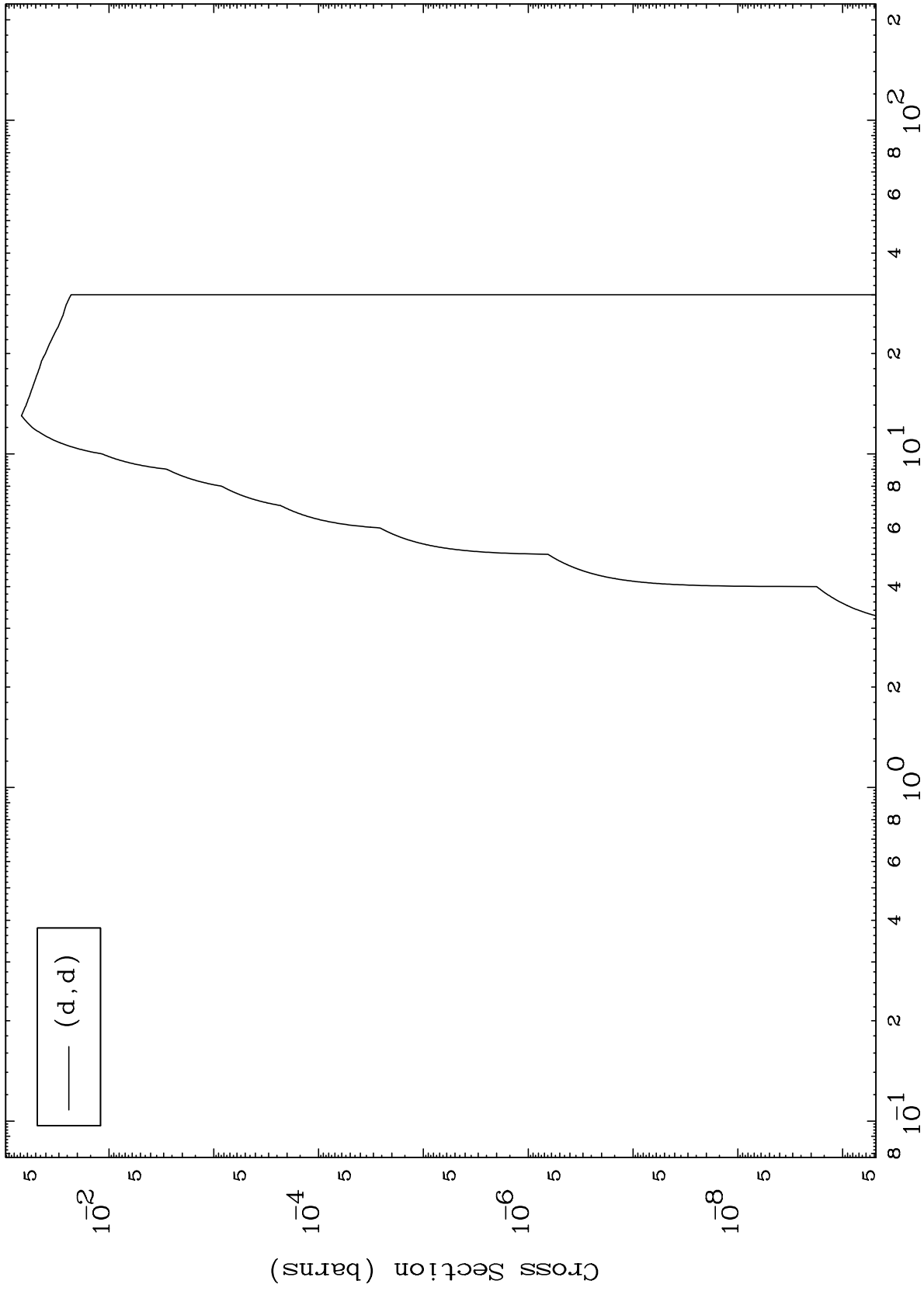
51-Sb-132



MAT 5158

(d,d) Levels  
0 Kelvin Cross Sections

51-Sb-132



8

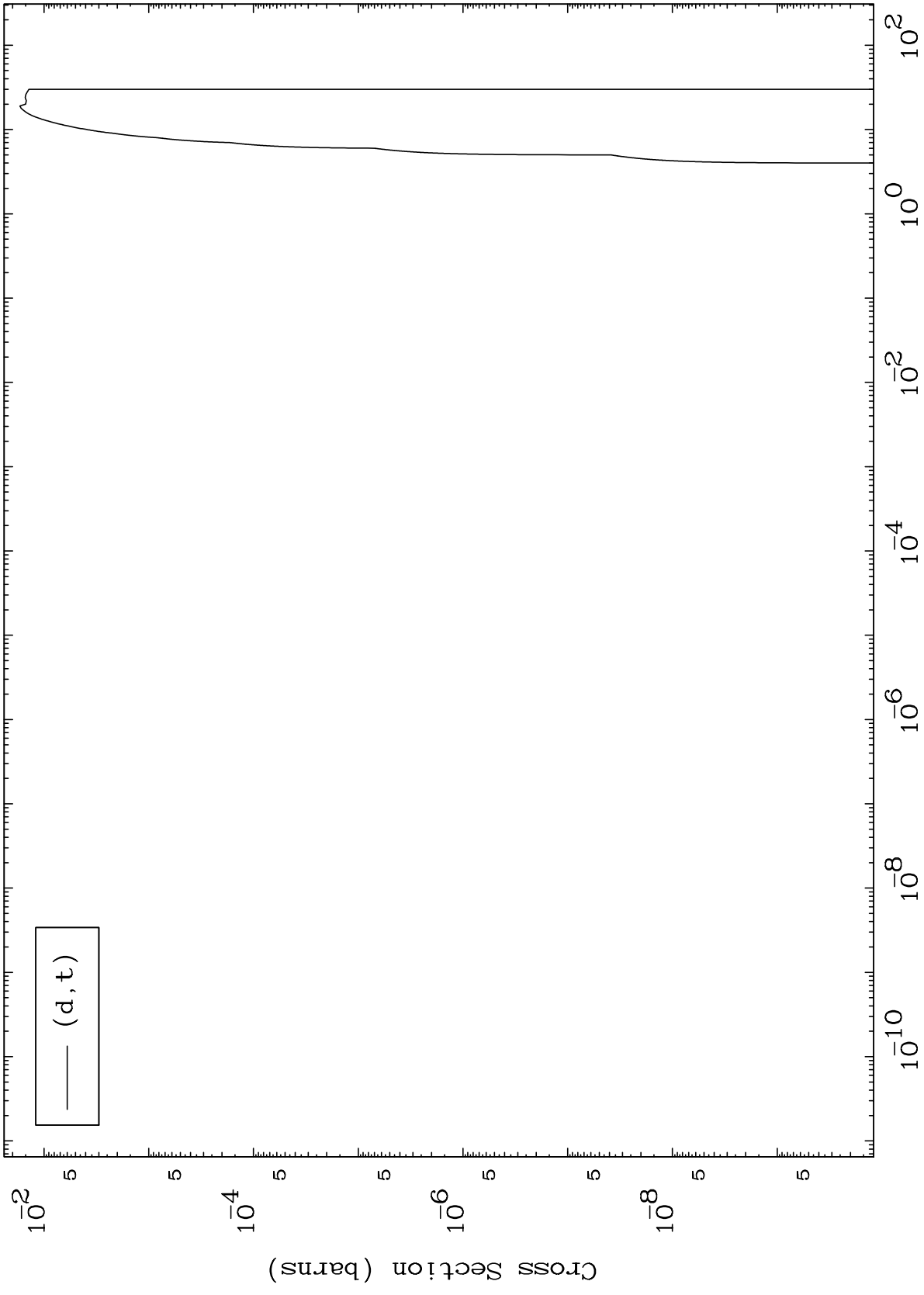
Incident Energy (MeV)

51-Sb-132

MAT 5158

(d,t) Levels  
0 Kelvin Cross Sections

51-Sb-132

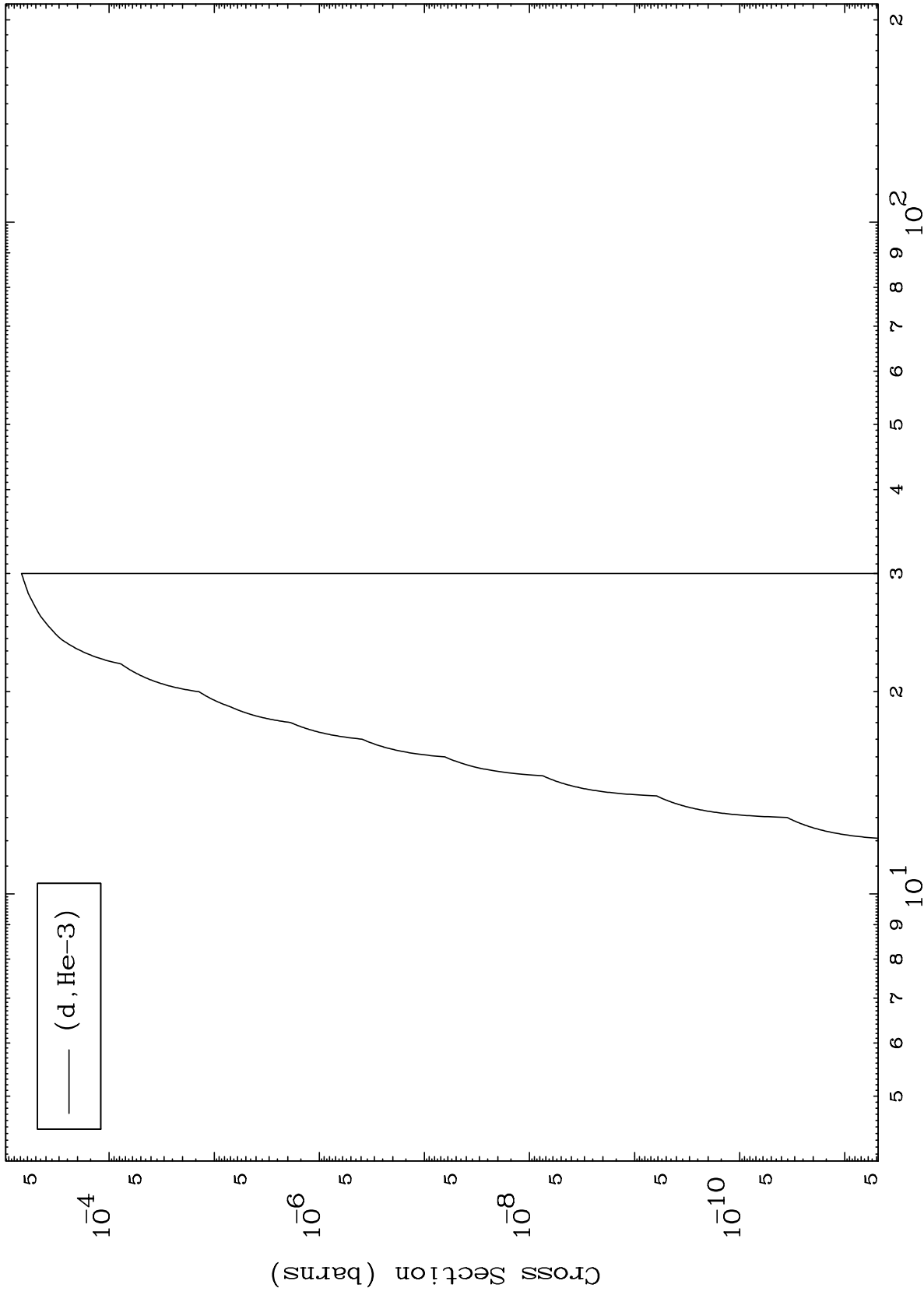


51-Sb-132

MAT 5158

(d,He3) Levels  
0 Kelvin Cross Sections

51-Sb-132



10

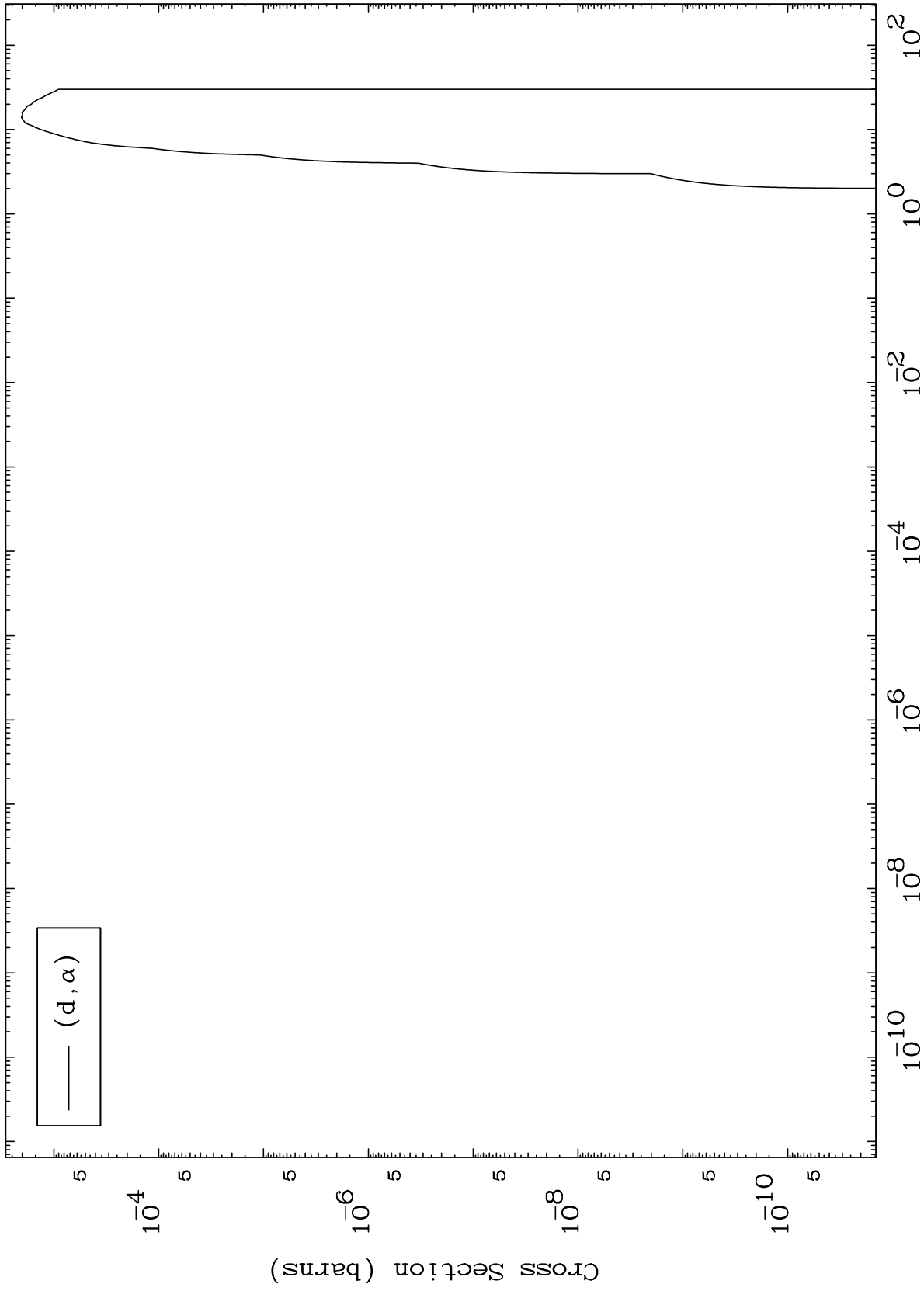
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



11

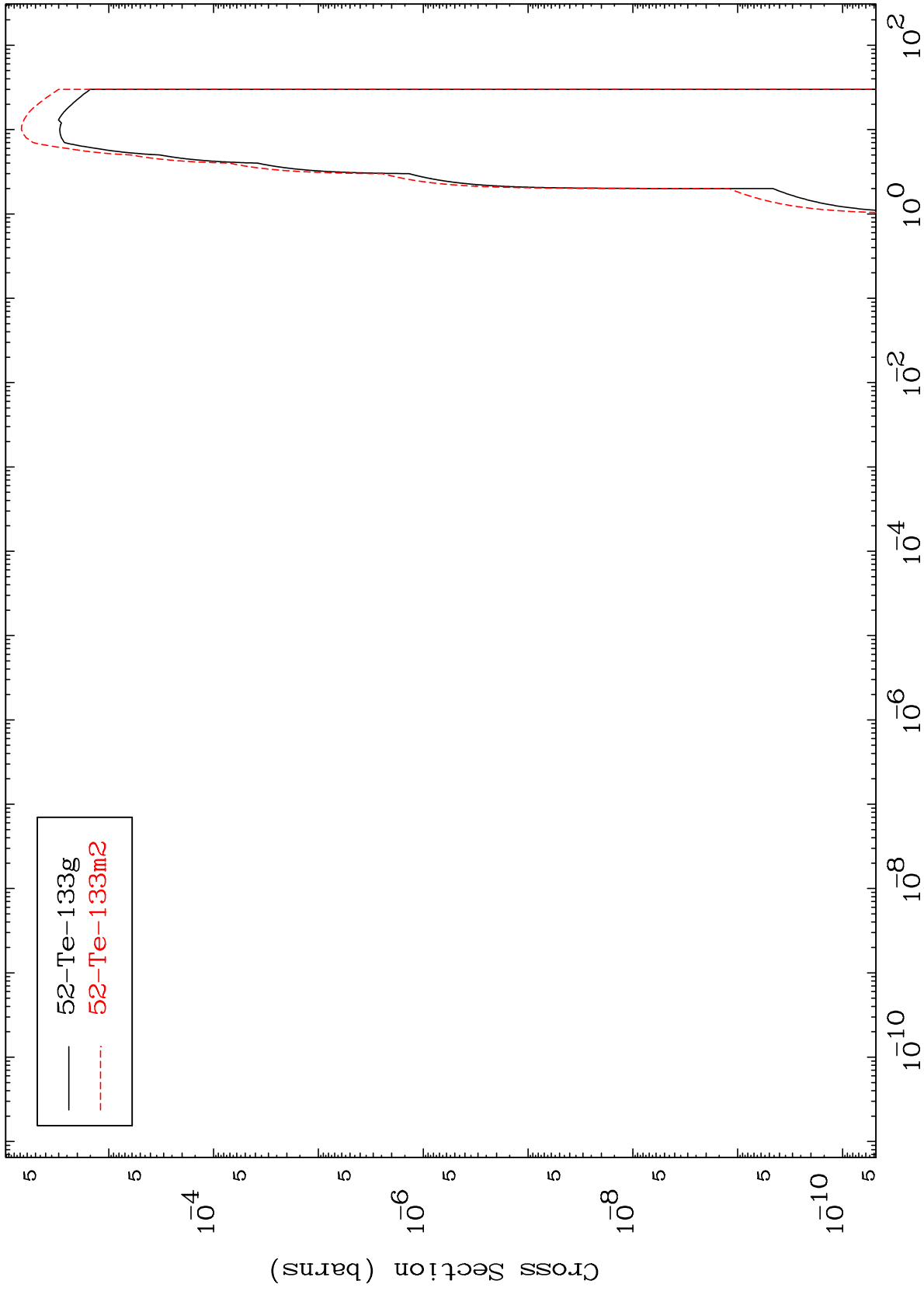
Incident Energy (MeV)

51-Sb-132

MAT 5158

Deuteron Inelastic  
Radionuclide Production Cross Section

51-Sb-132



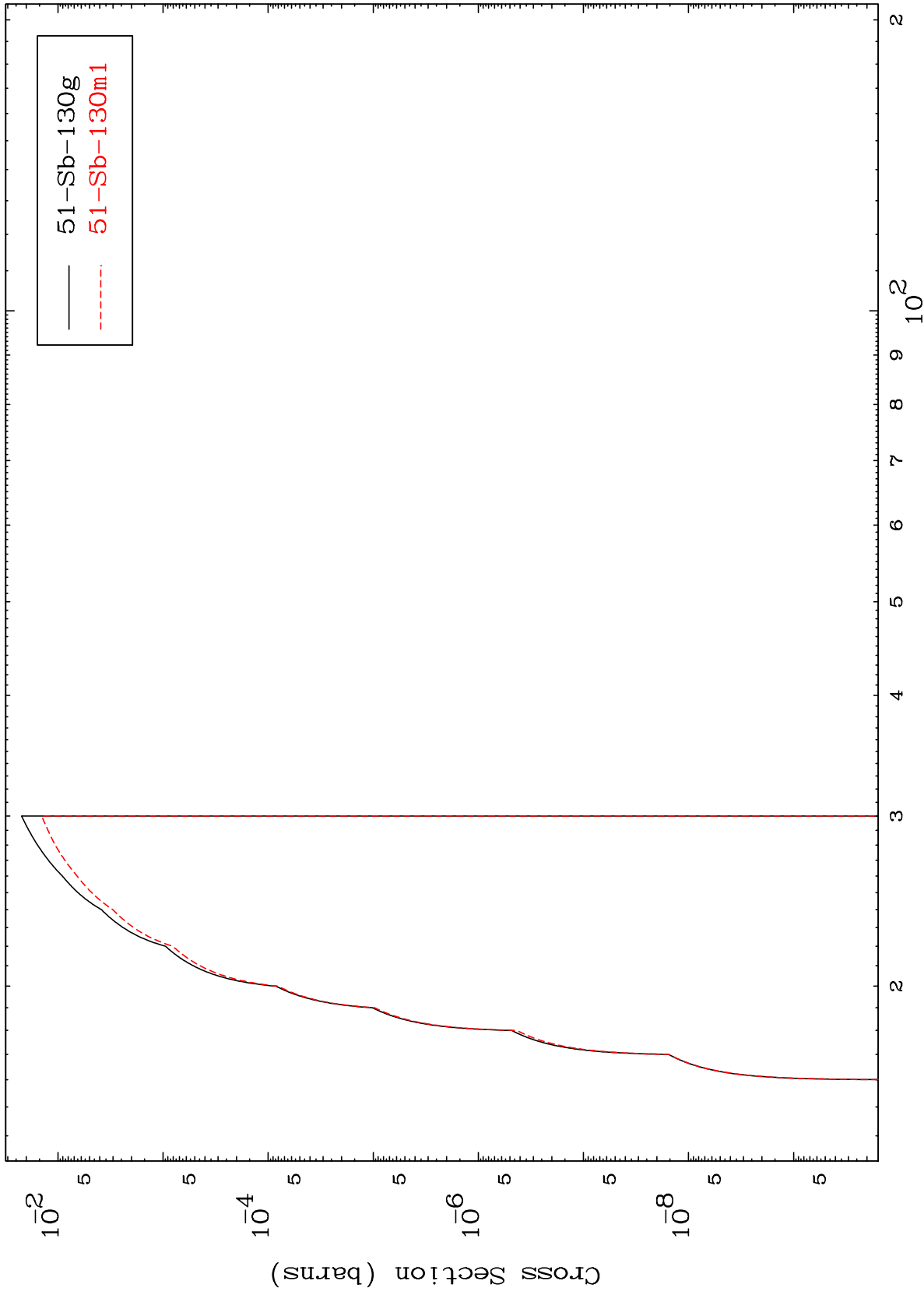
51-Sb-132

MAT 5158

(d,2n) d

51-Sb-132

Radionuclide Production Cross Section



13

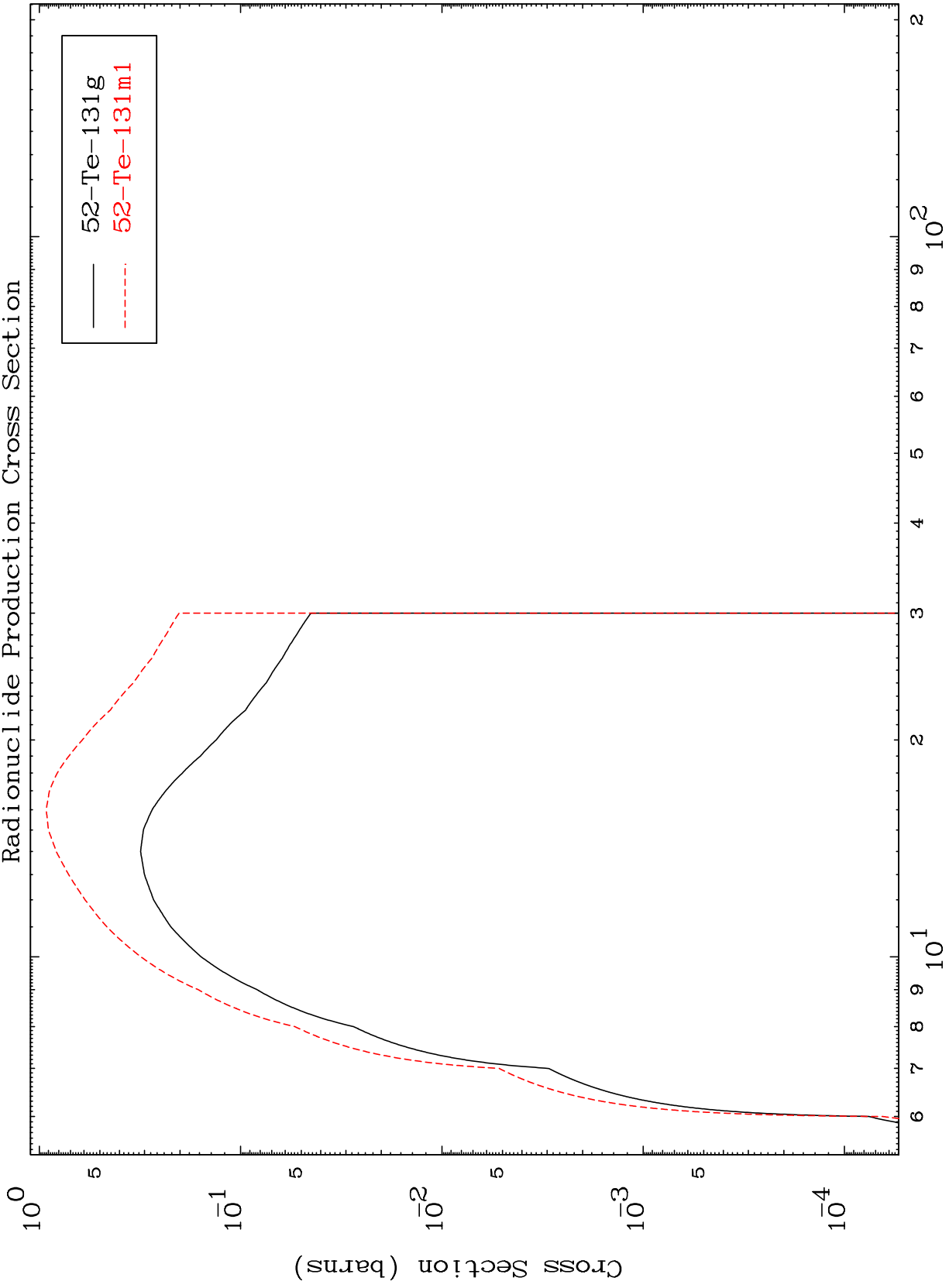
Incident Energy (MeV)

51-Sb-132

MAT 5158

51-Sb-132

(d,3n)  
Radionuclide Production Cross Section



14

Incident Energy (MeV)

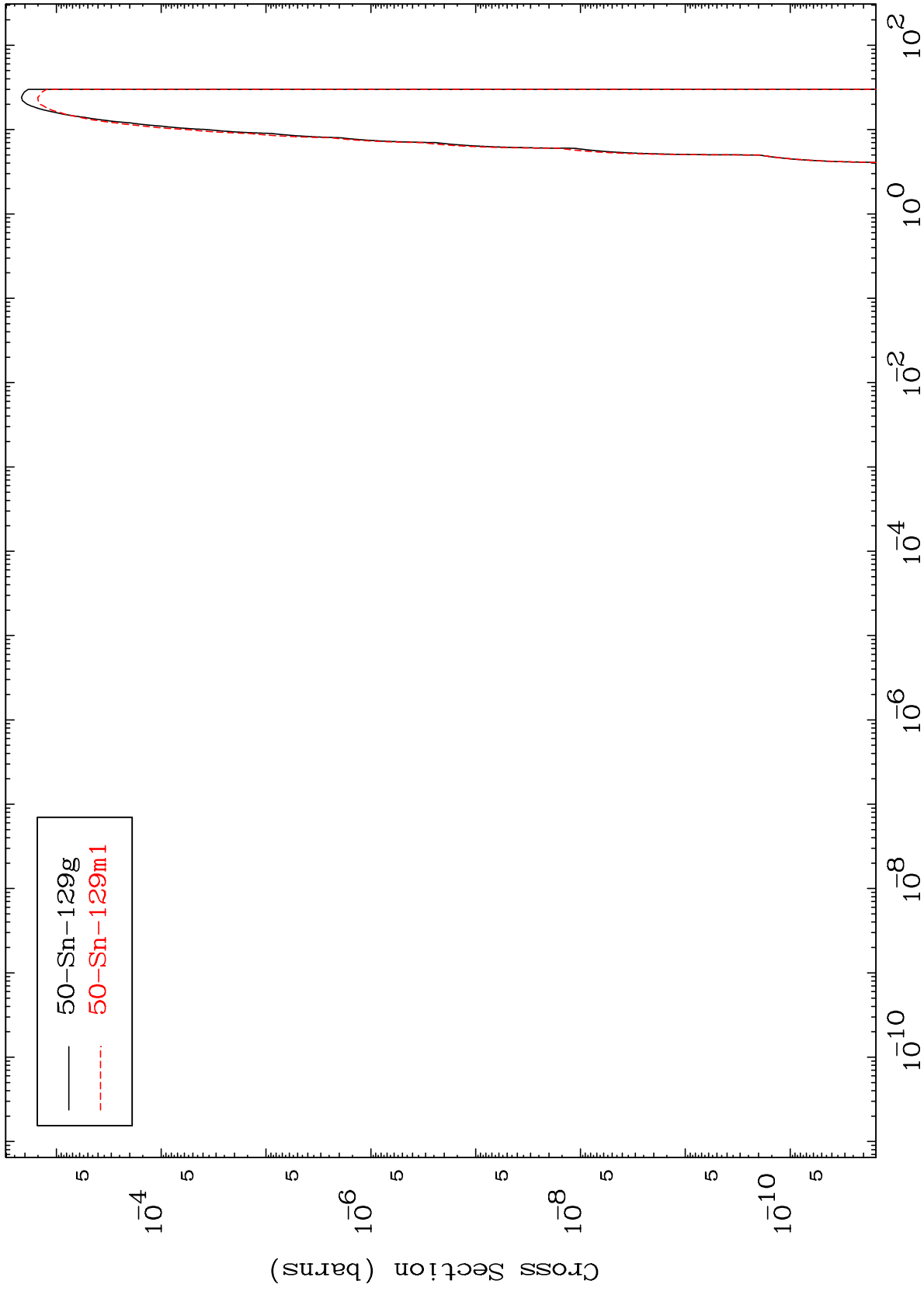
51-Sb-132

MAT 5158

(d,n')  $\alpha$

51-Sb-132

Radionuclide Production Cross Section



15

Incident Energy (MeV)

51-Sb-132

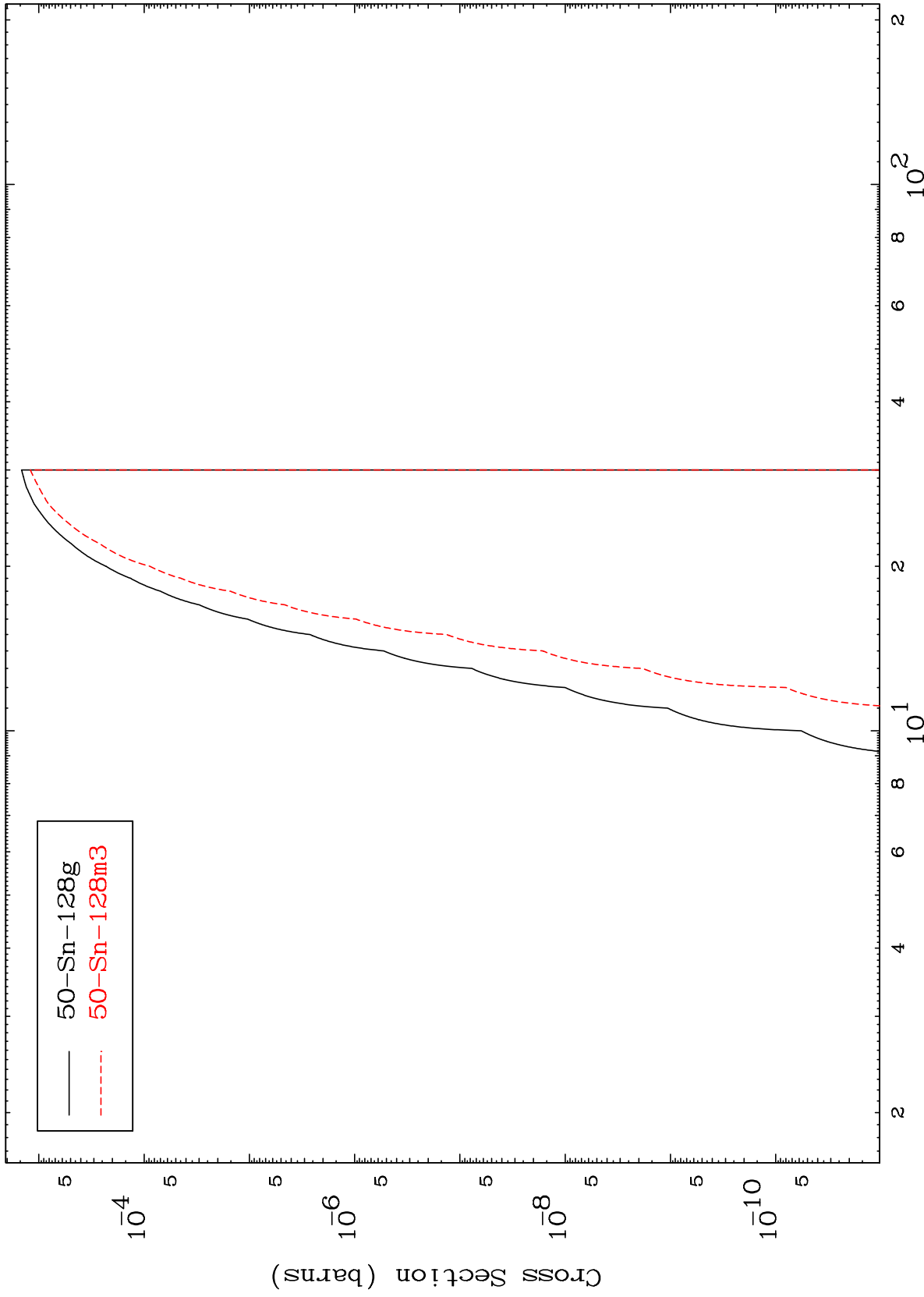


MAT 5158

(d,2n)  $\alpha$

51-Sb-132

Radionuclide Production Cross Section



16

Incident Energy (MeV)

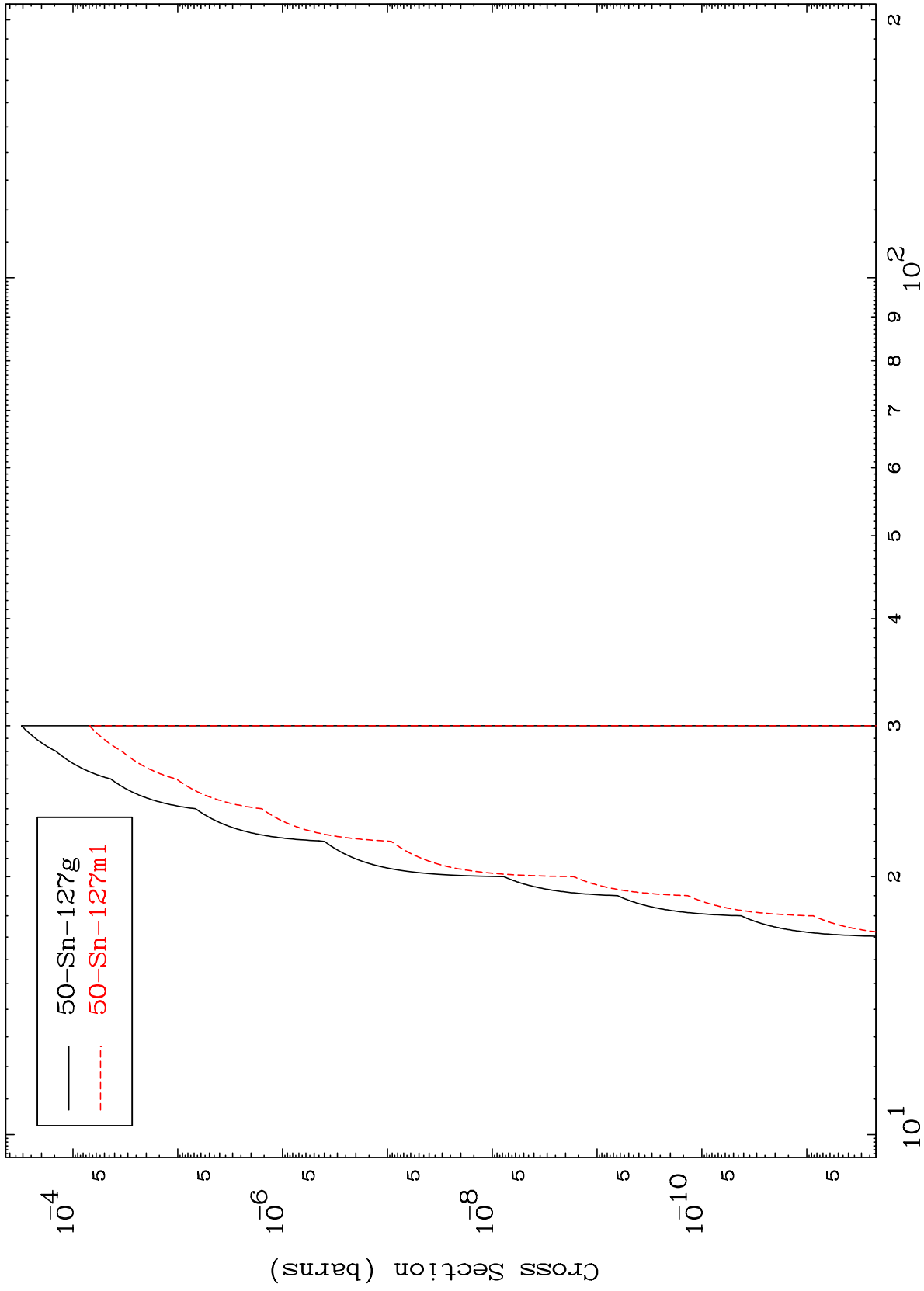
51-Sb-132

MAT 5158

(d,3n)  $\alpha$

51-Sb-132

Radionuclide Production Cross Section



17

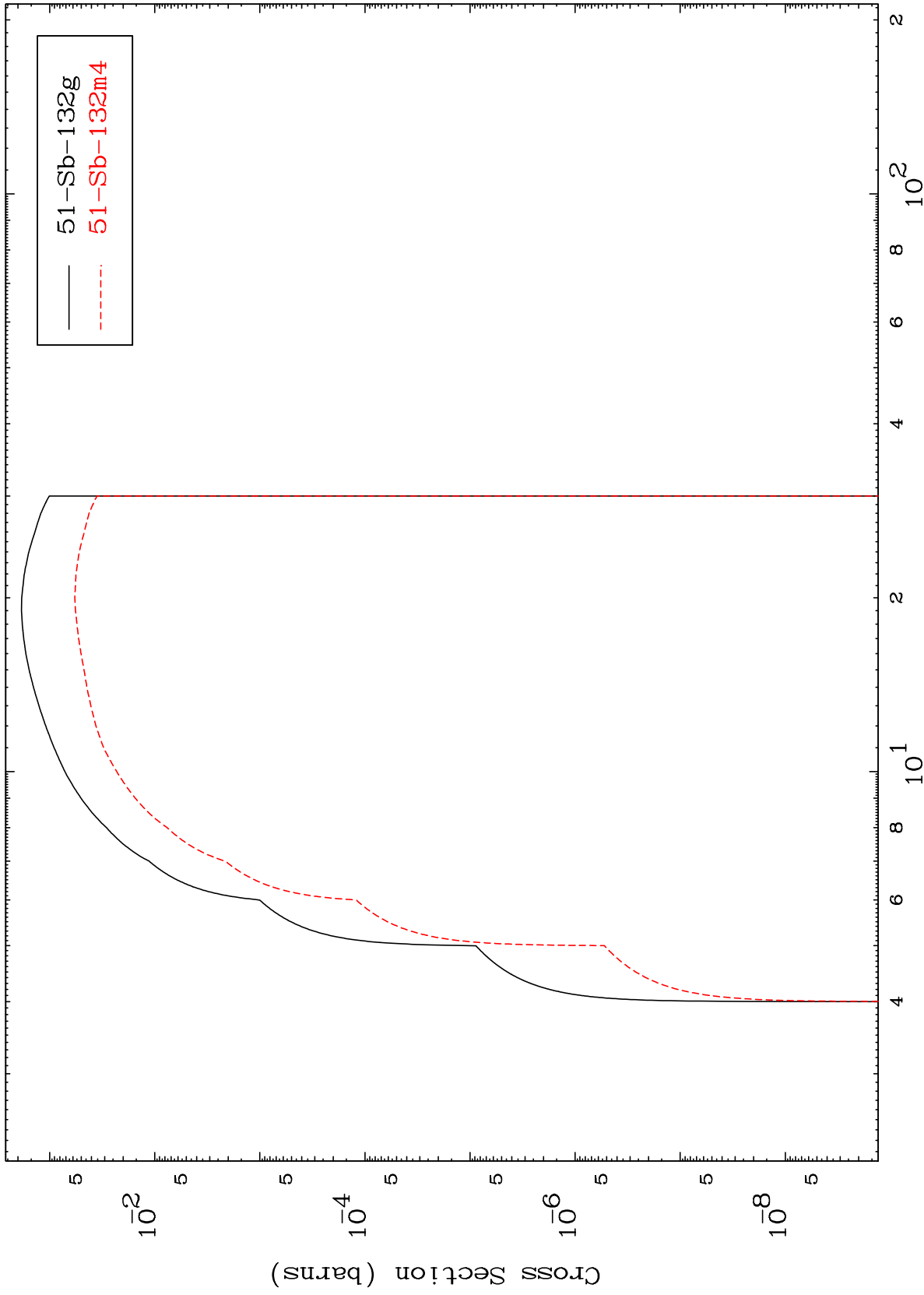
Incident Energy (MeV)

51-Sb-132

MAT 5158

51-Sb-132

(d,n') p  
Radionuclide Production Cross Section



18

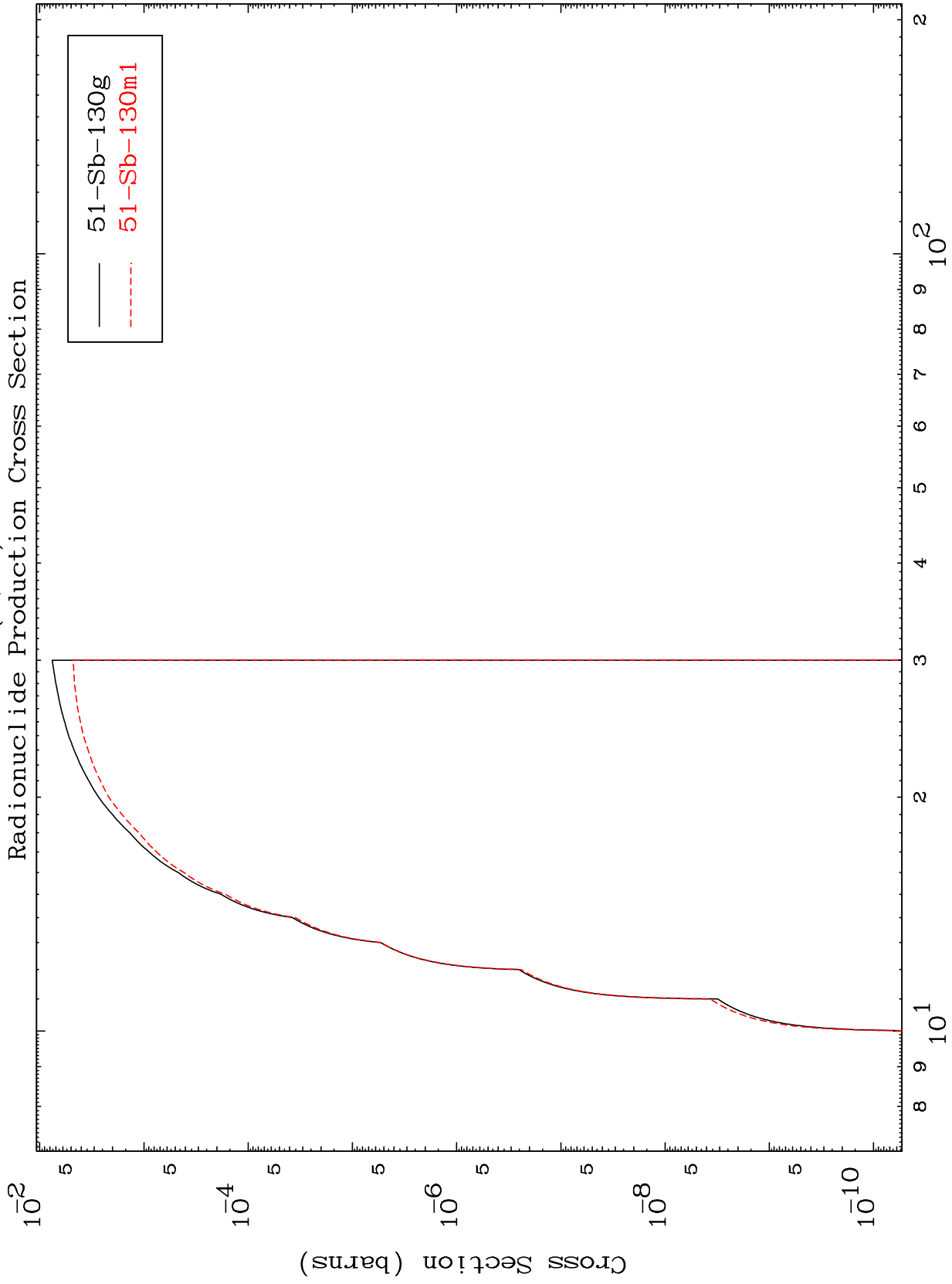
Incident Energy (MeV)

51-Sb-132

MAT 5158

(d,n') t

51-Sb-132



19

Incident Energy (MeV)

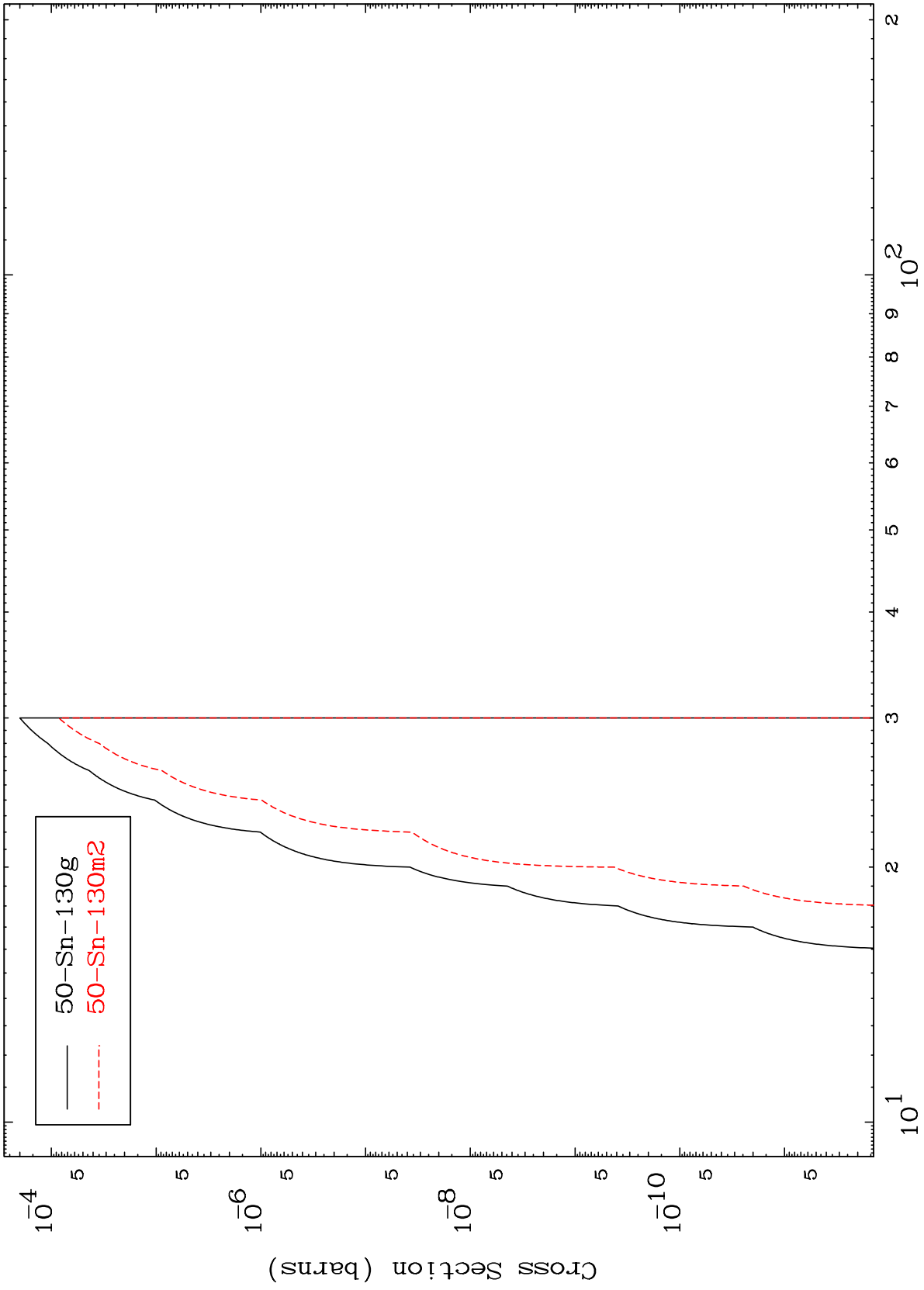
51-Sb-132

MAT 5158

(d,n') He-3

51-Sb-132

Radionuclide Production Cross Section



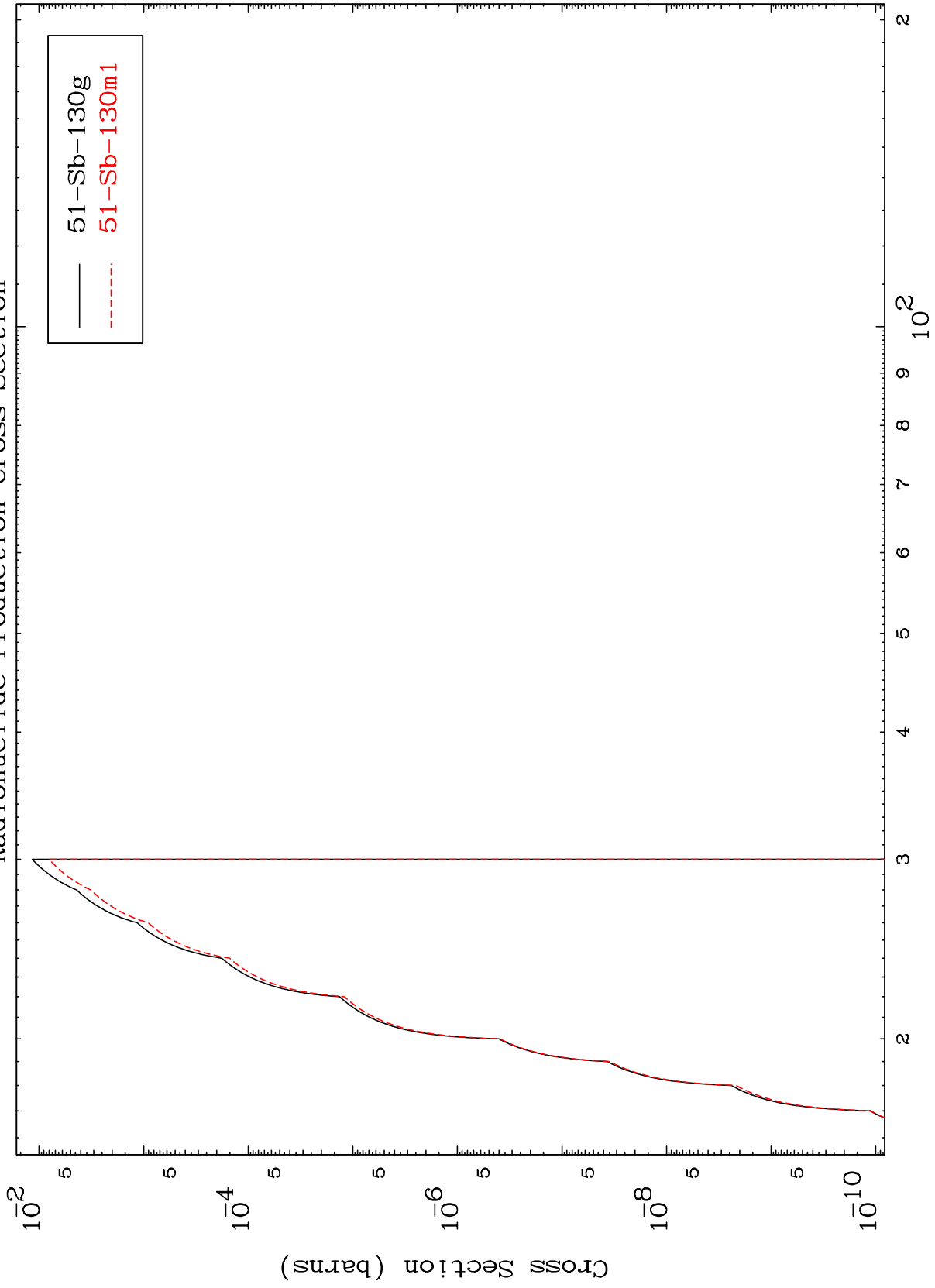
50-Sn-130g  
50-Sn-130m2

MAT 5158

(d,3n) p

51-Sb-132

Radionuclide Production Cross Section



21

Incident Energy (MeV)

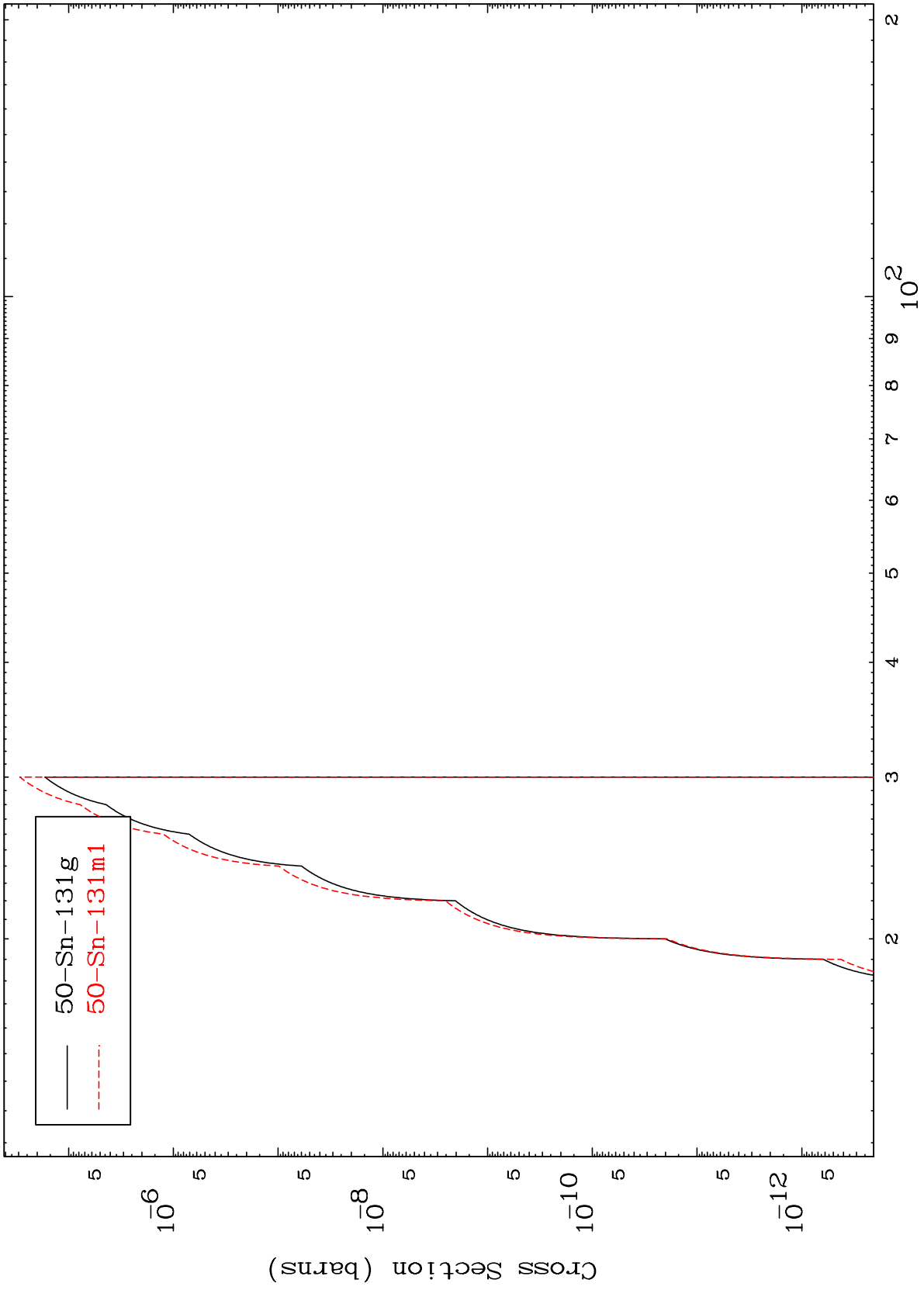
51-Sb-132

MAT 5158

(d,2n) p

51-Sb-132

Radionuclide Production Cross Section



22

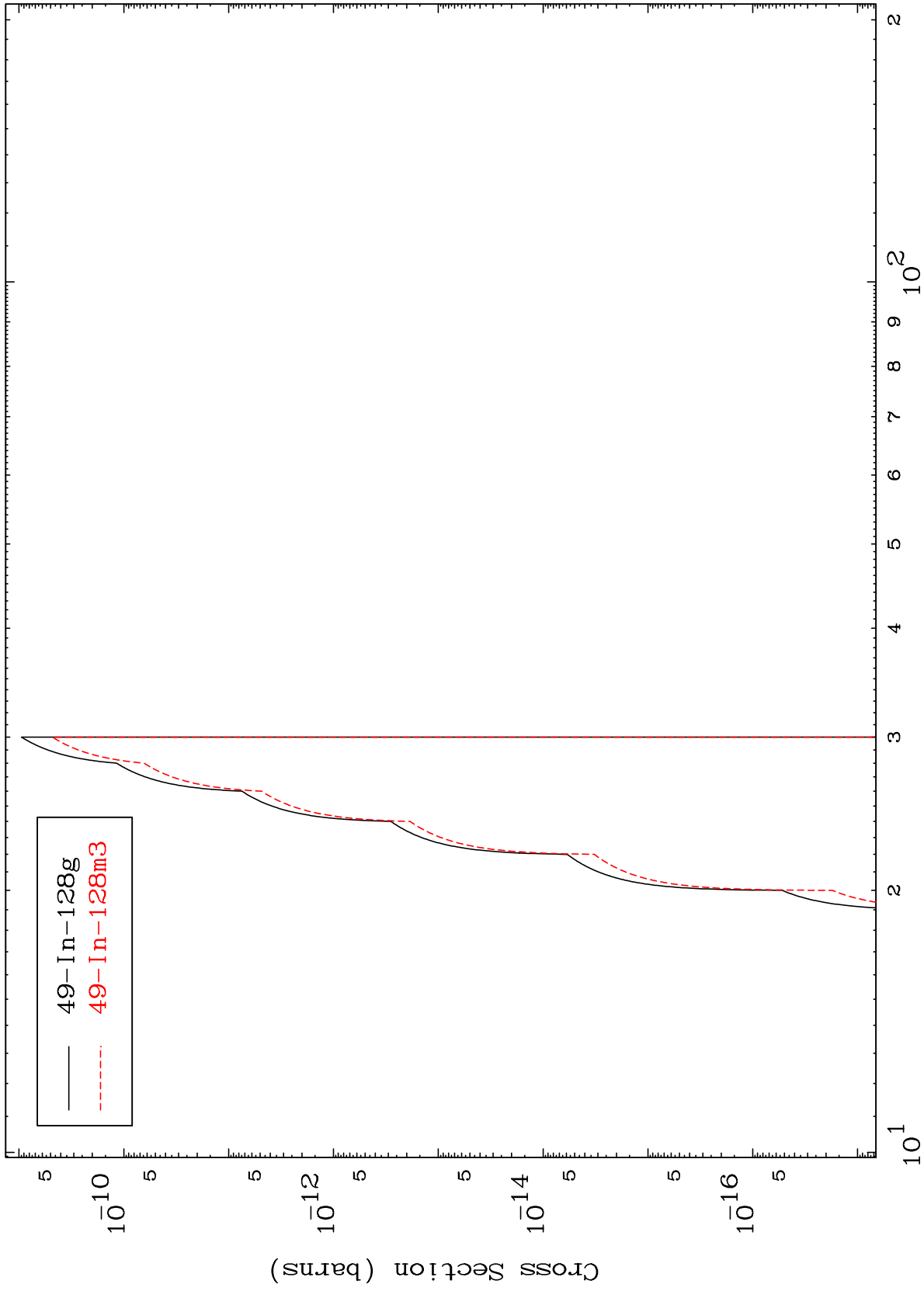
Incident Energy (MeV)

51-Sb-132

MAT 5158

51-Sb-132

(d,n') p  $\alpha$   
Radionuclide Production Cross Section



23

Incident Energy (MeV)

51-Sb-132

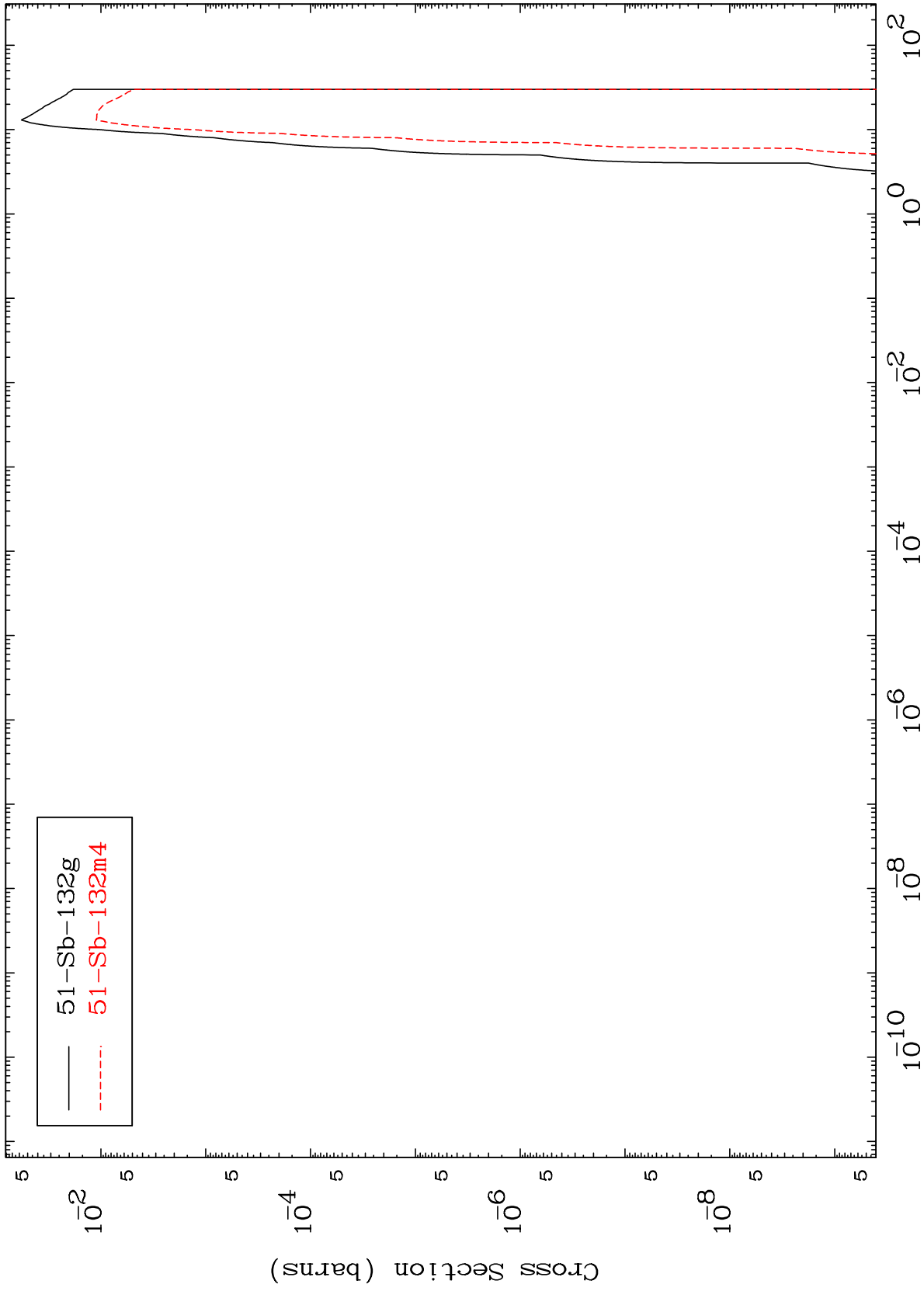


MAT 5158

(d,d)

51-Sb-132

Radionuclide Production Cross Section



24

Incident Energy (MeV)

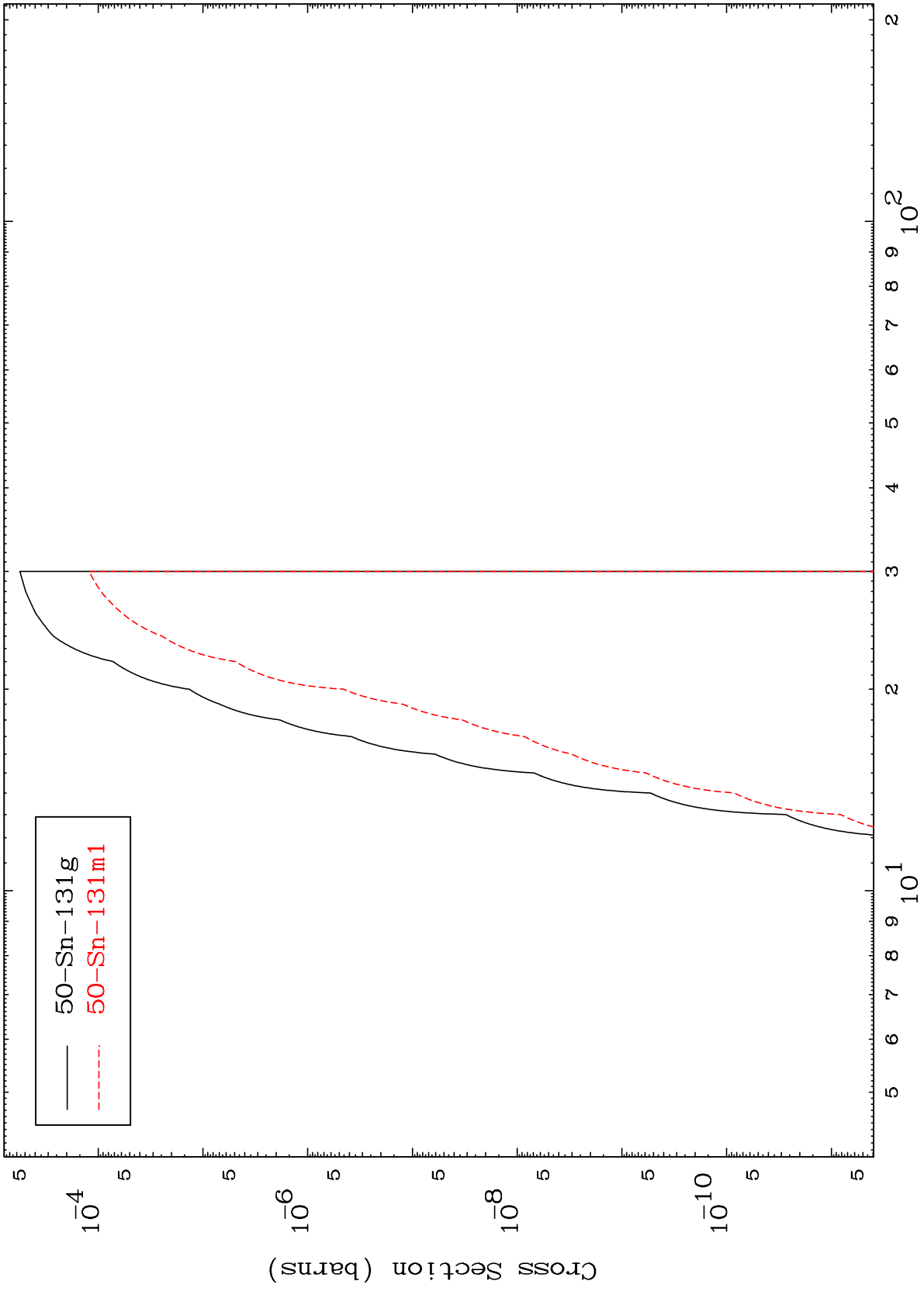
51-Sb-132

MAT 5158

(d,He-3)

51-Sb-132

Radionuclide Production Cross Section



25

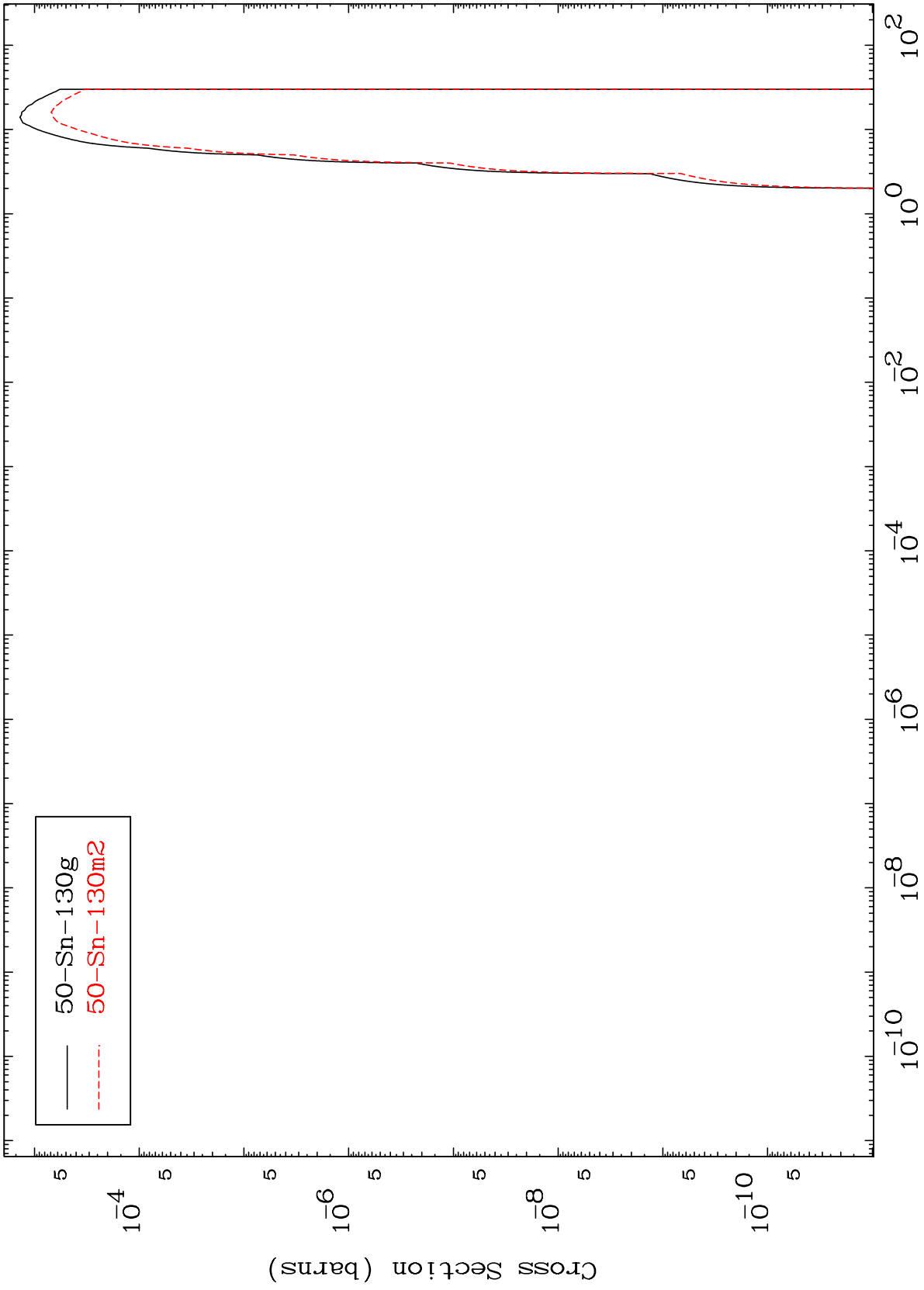
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



26

Incident Energy (MeV)

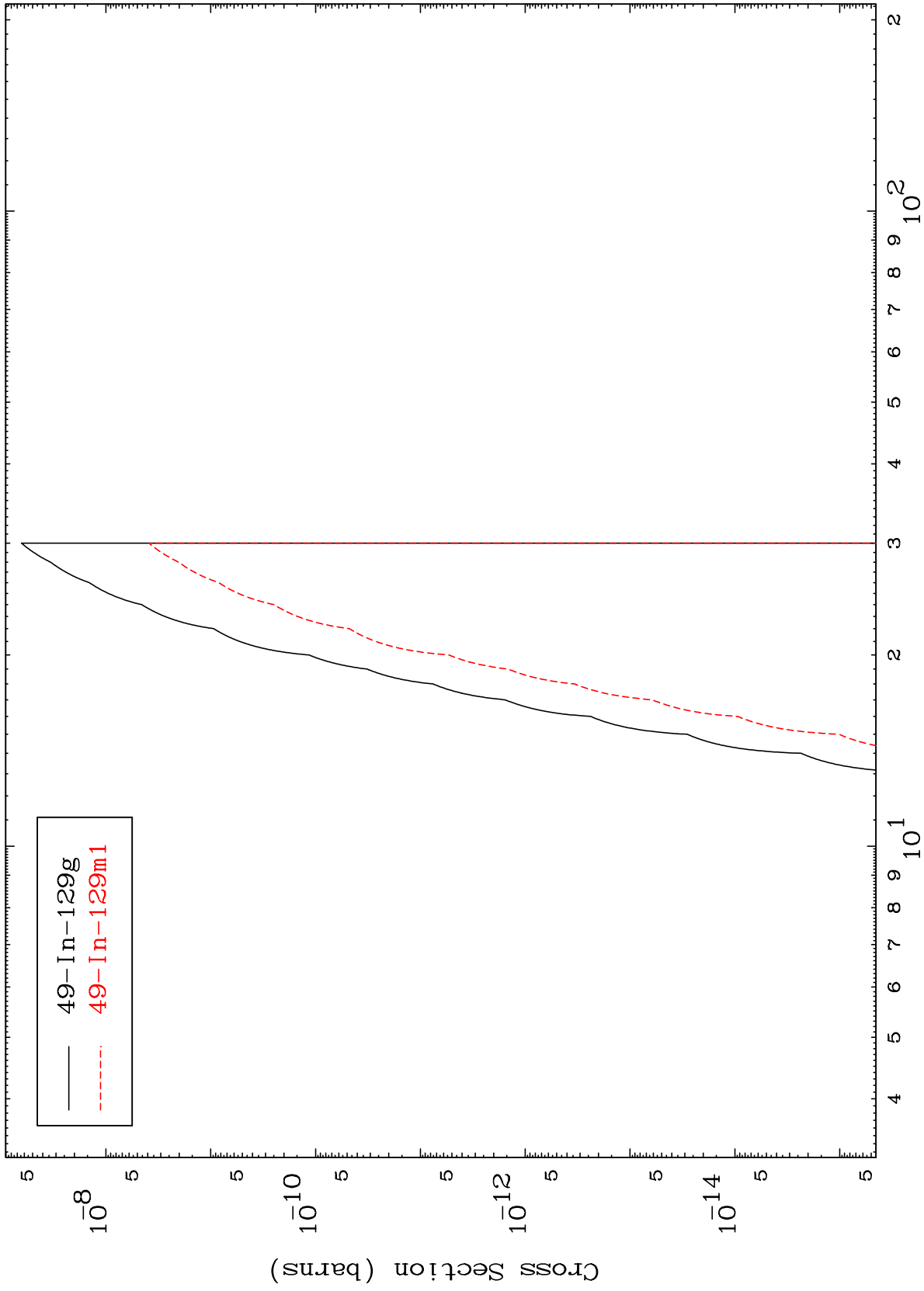
51-Sb-132

MAT 5158

(d,p)  $\alpha$

51-Sb-132

Radionuclide Production Cross Section



27

Incident Energy (MeV)

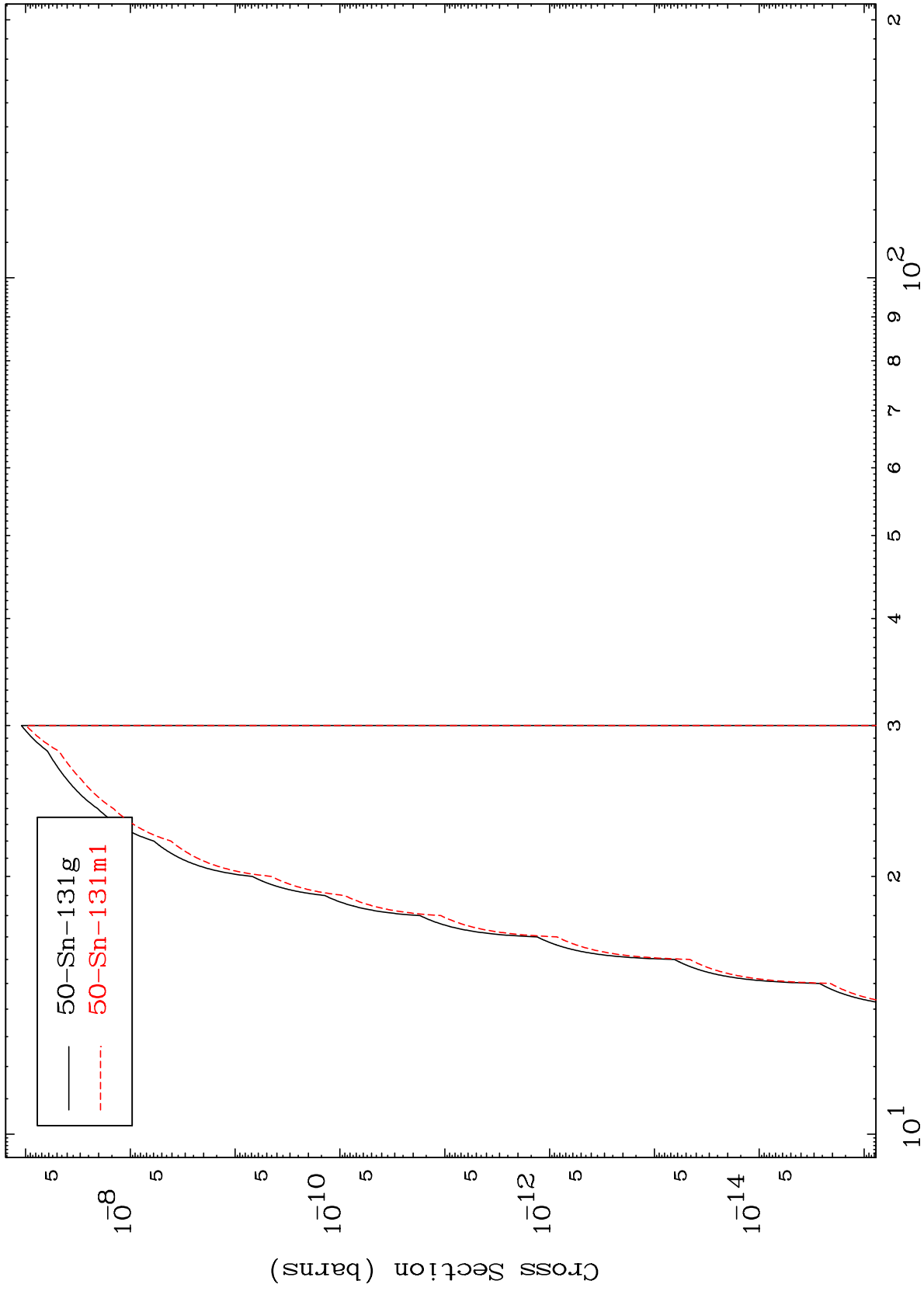
51-Sb-132

MAT 5158

(d,p) d

51-Sb-132

Radionuclide Production Cross Section



28

Incident Energy (MeV)

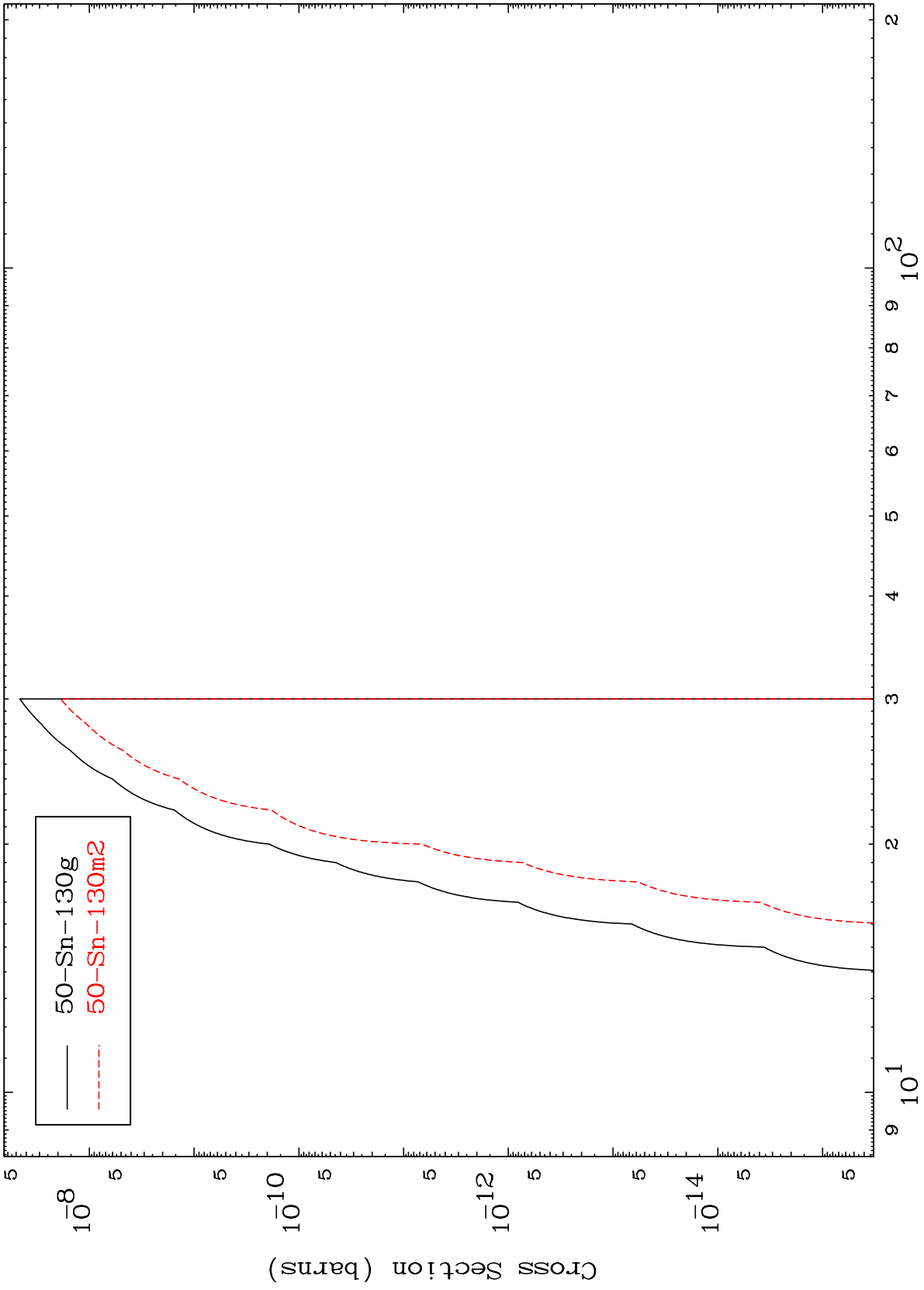
51-Sb-132

MAT 5158

(d,p) t

51-Sb-132

Radionuclide Production Cross Section



29

Incident Energy (MeV)

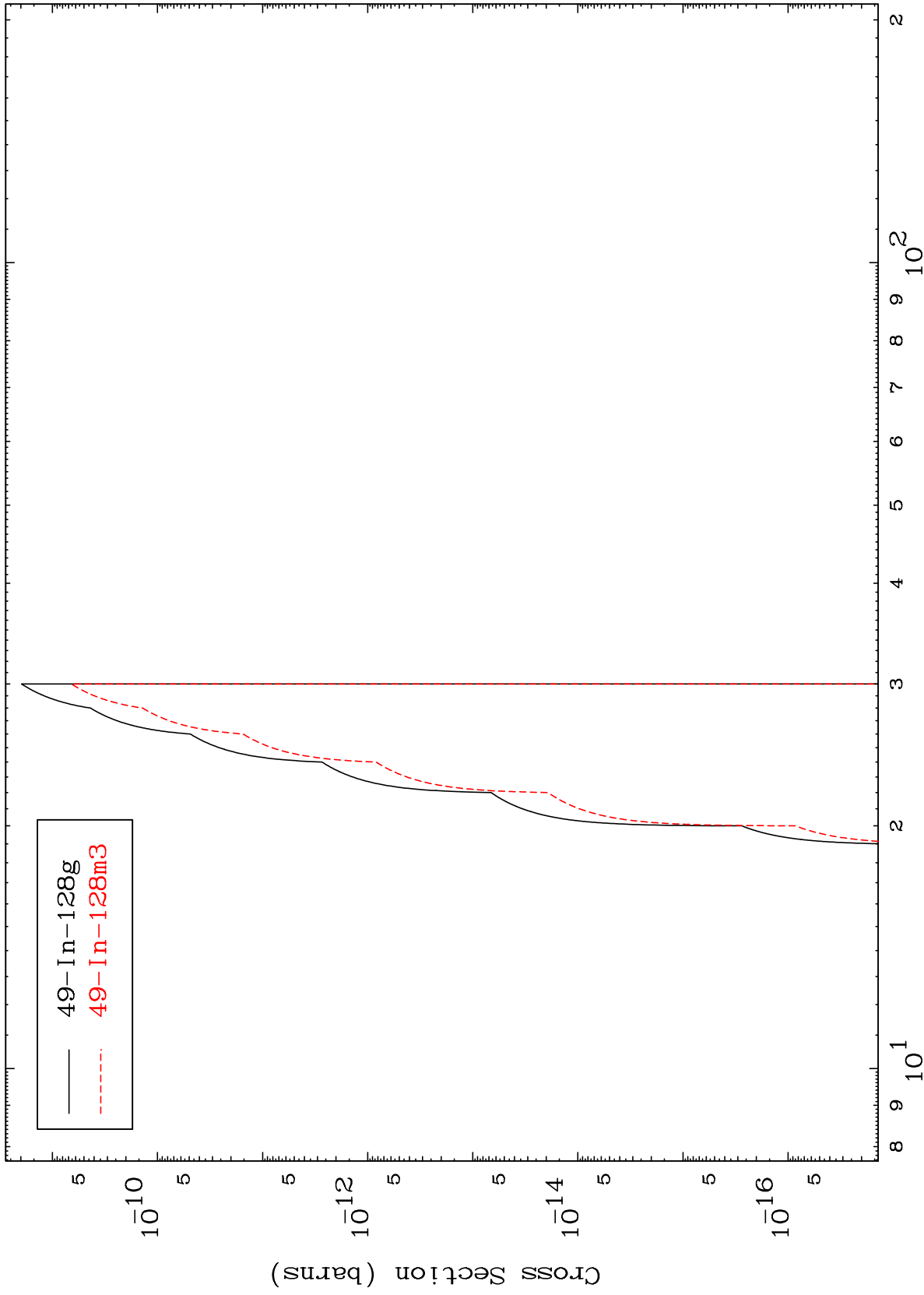
51-Sb-132

MAT 5158

(d,d)  $\alpha$

51-Sb-132

Radionuclide Production Cross Section



30

Incident Energy (MeV)

51-Sb-132