

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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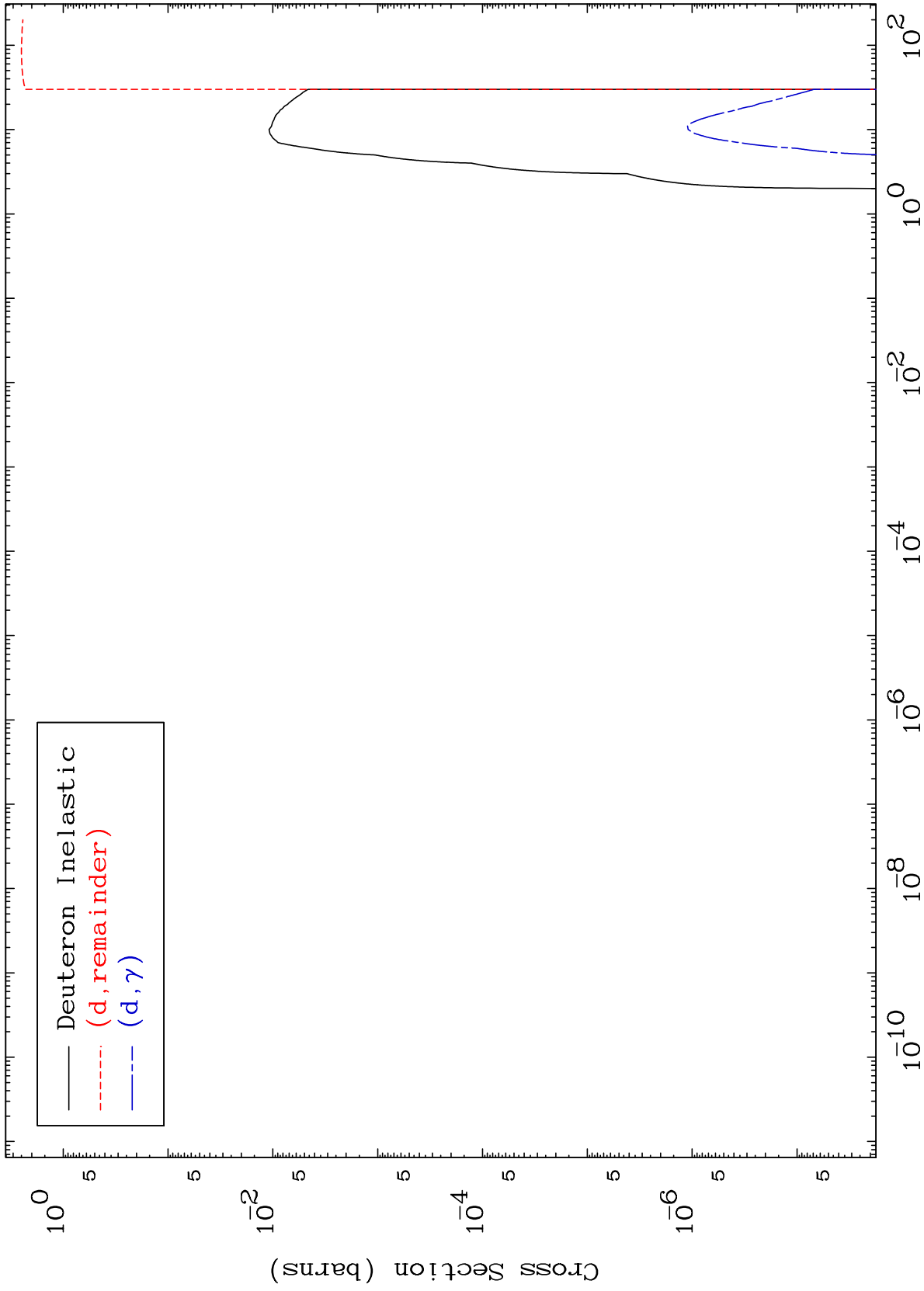
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5153

Deuteron Major  
0 Kelvin Cross Sections

51-Sb-130



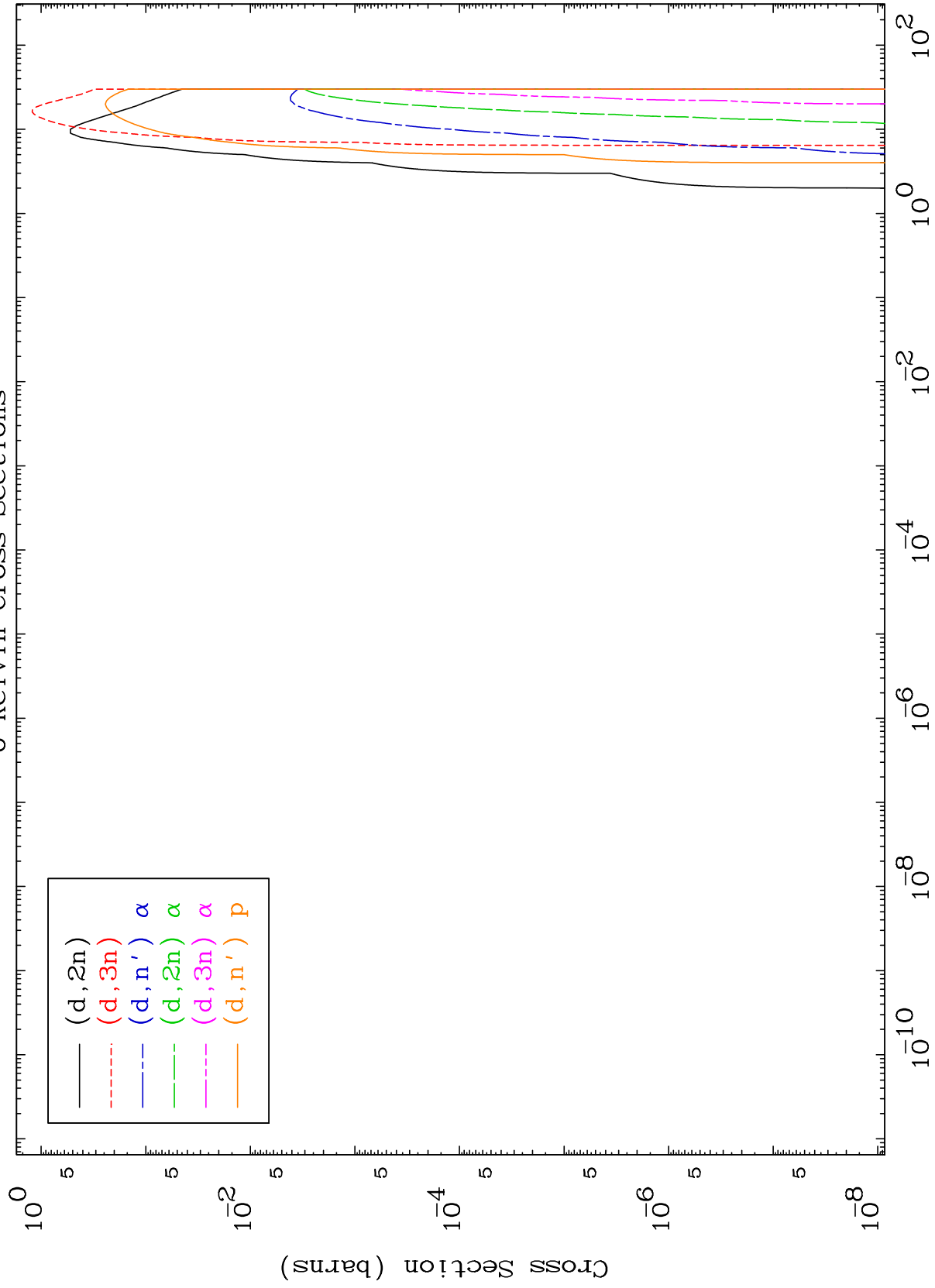
1

51-Sb-130

MAT 5153

Deuteron Neutron Production  
0 Kelvin Cross Sections

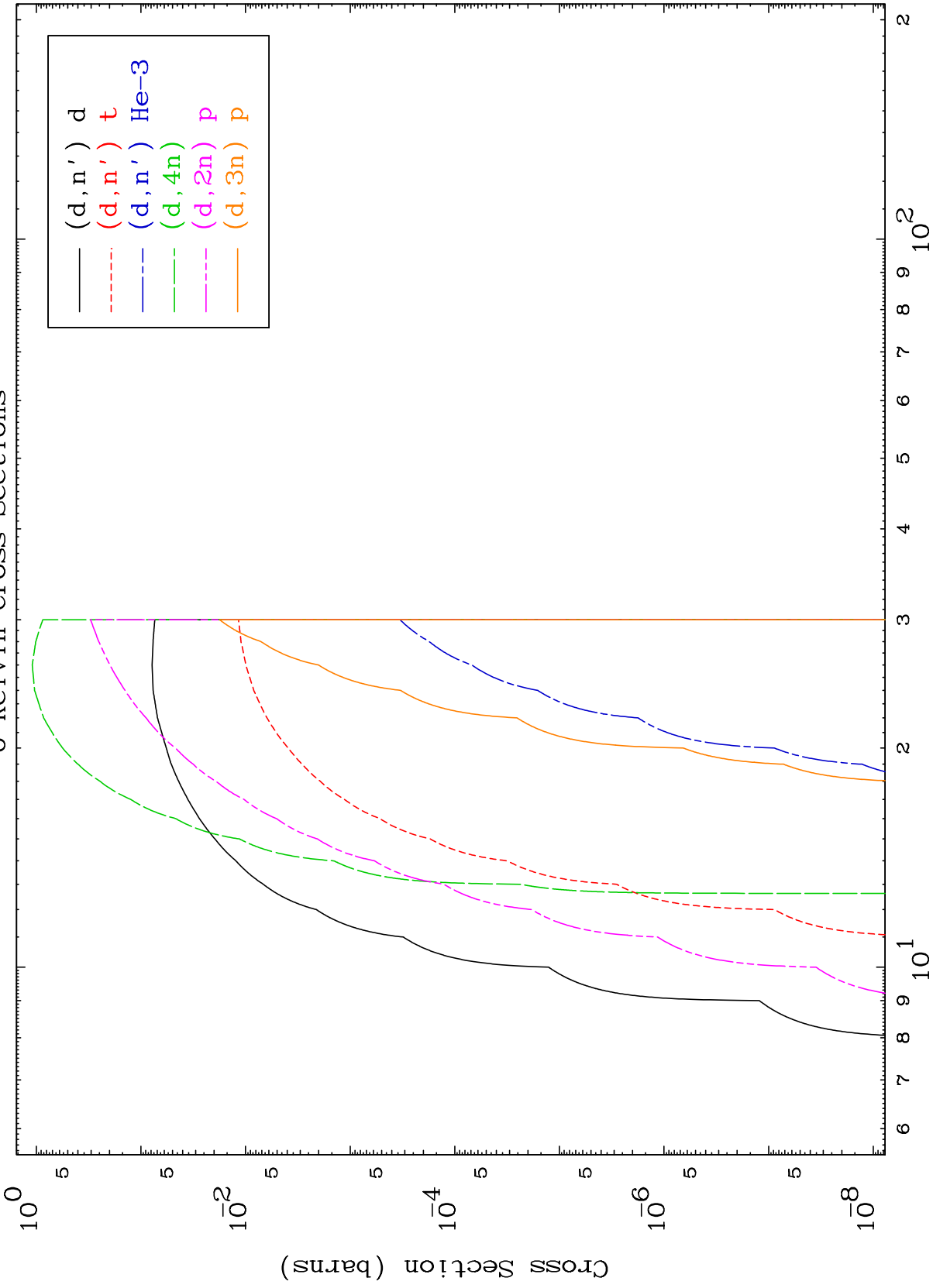
51-Sb-130



2

Incident Energy (MeV)

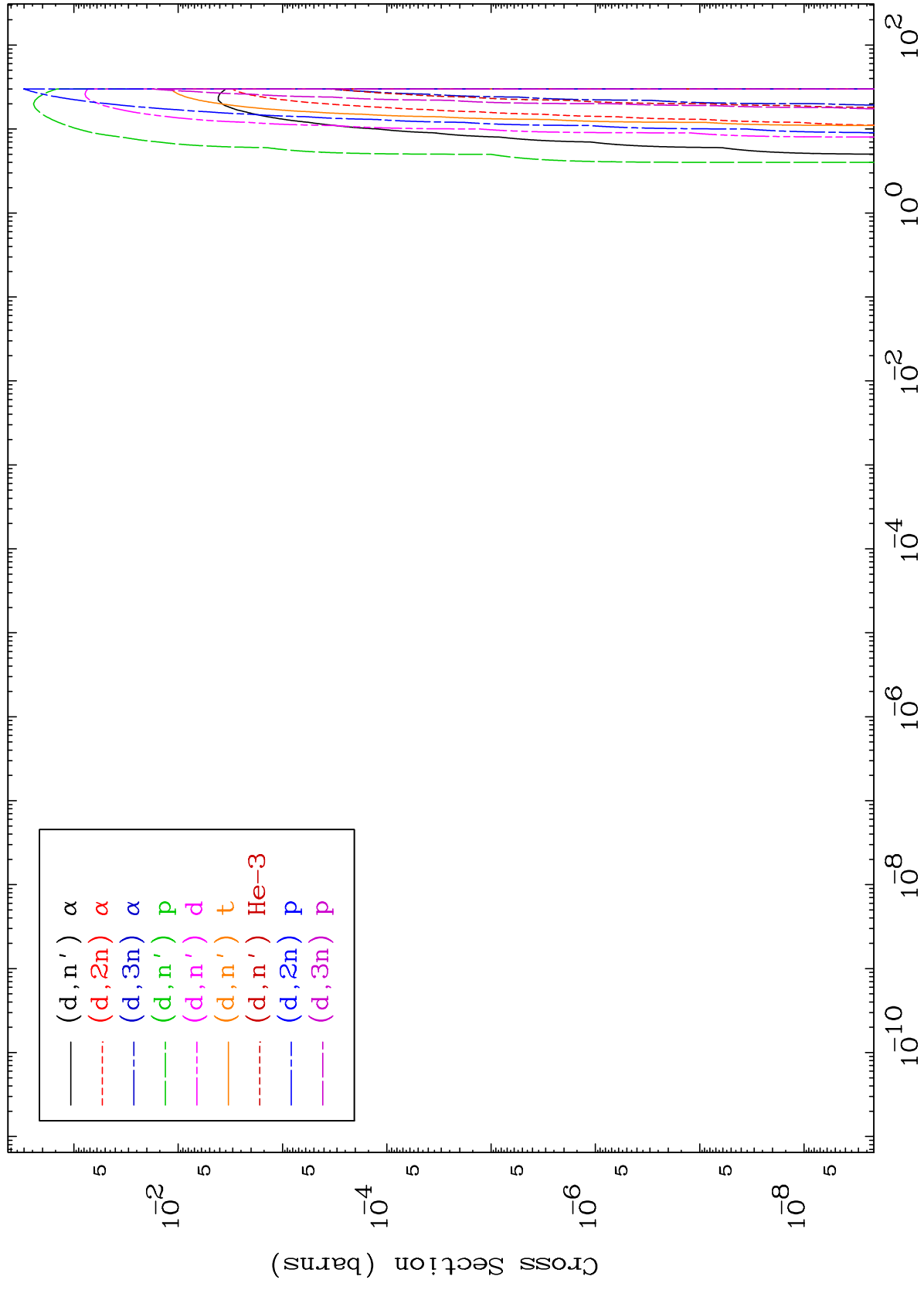
51-Sb-130



MAT 5153

Deuteron Charged Particle  
0 Kelvin Cross Sections

51-Sb-130

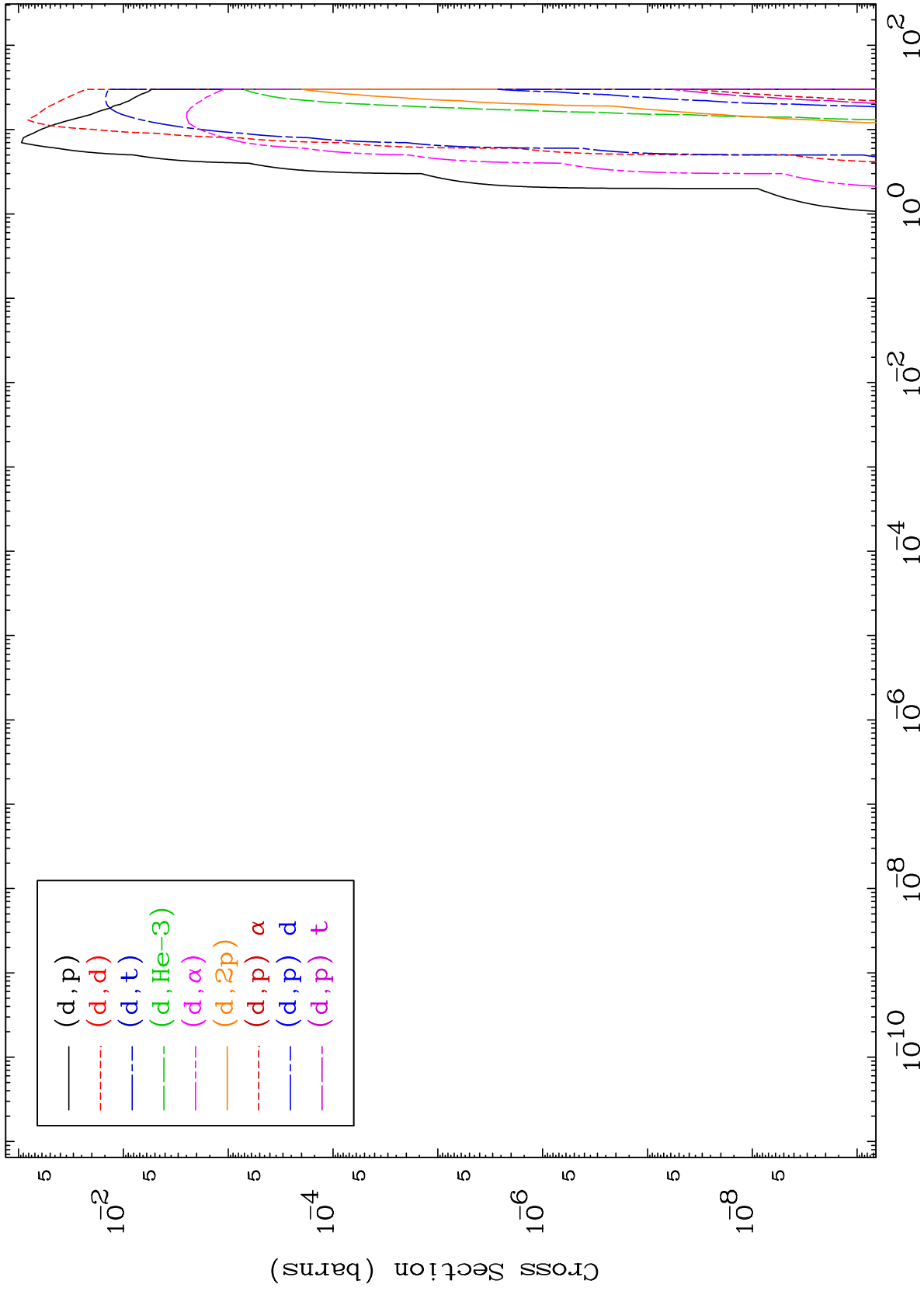


51-Sb-130

MAT 5153

Deuteron Charged Particle  
0 Kelvin Cross Sections

51-Sb-130



5

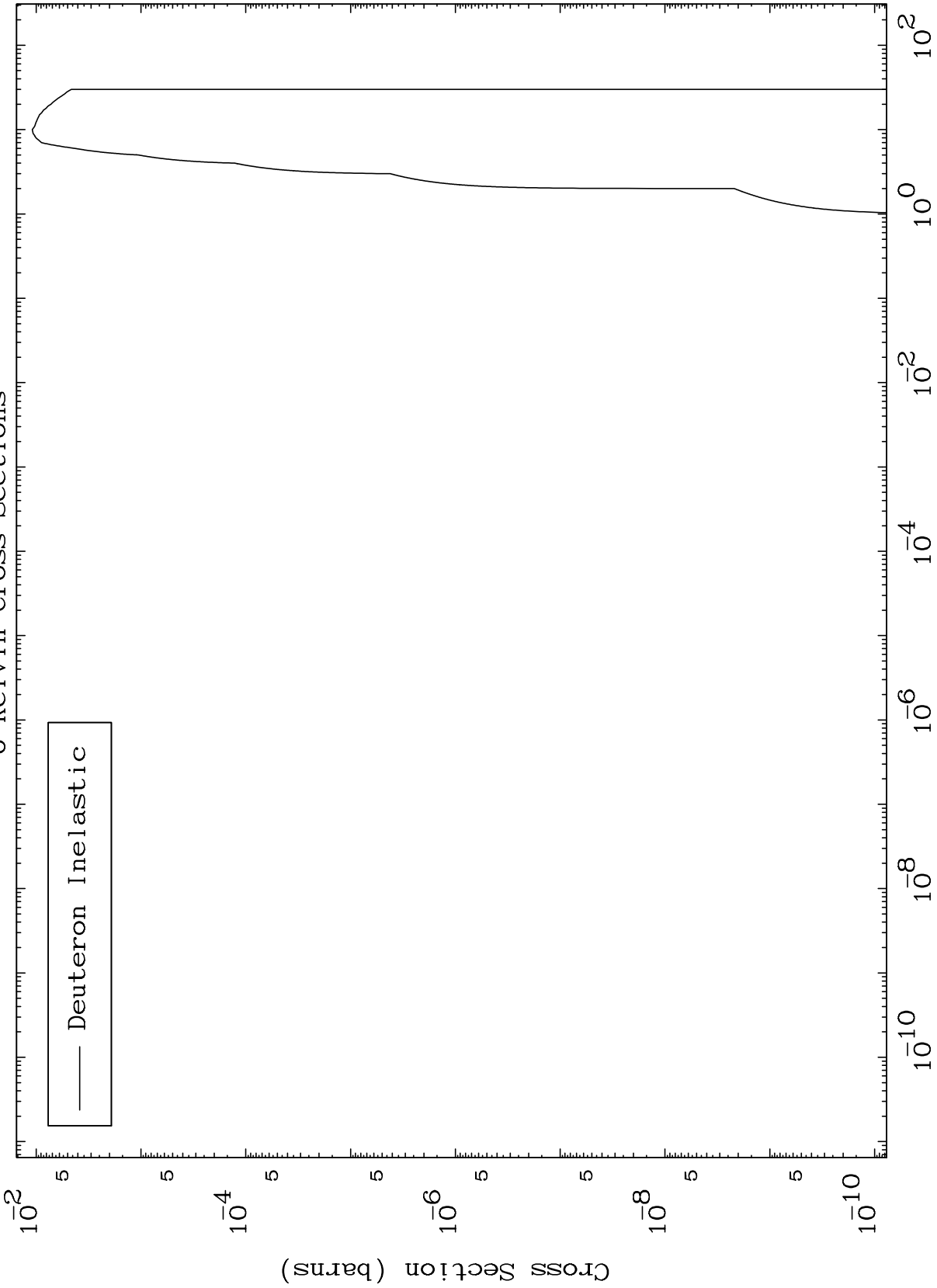
Incident Energy (MeV)

51-Sb-130

MAT 5153

(d,n') Level  
0 Kelvin Cross Sections

51-Sb-130

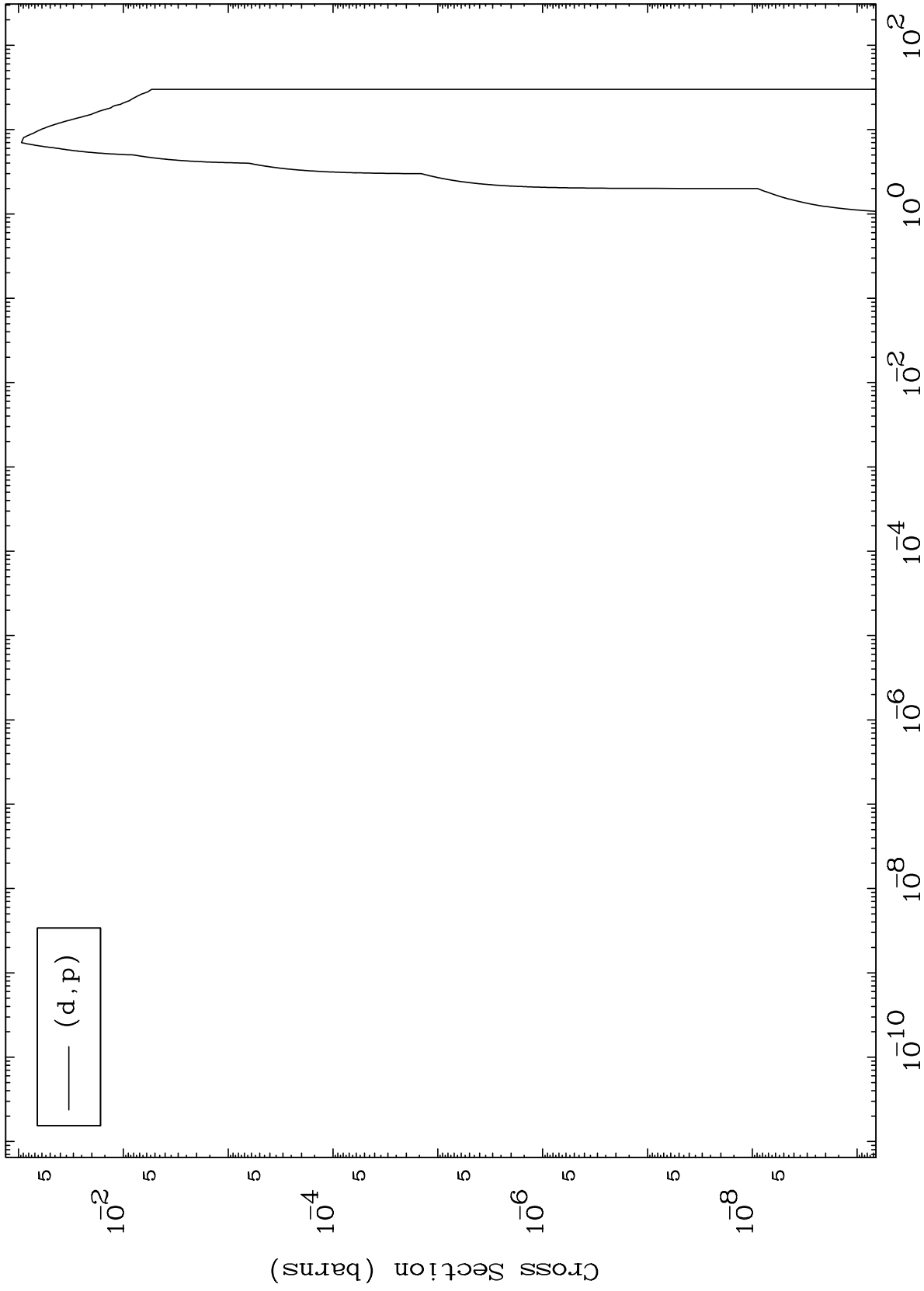


51-Sb-130

MAT 5153

(d,p) Levels  
0 Kelvin Cross Sections

51-Sb-130

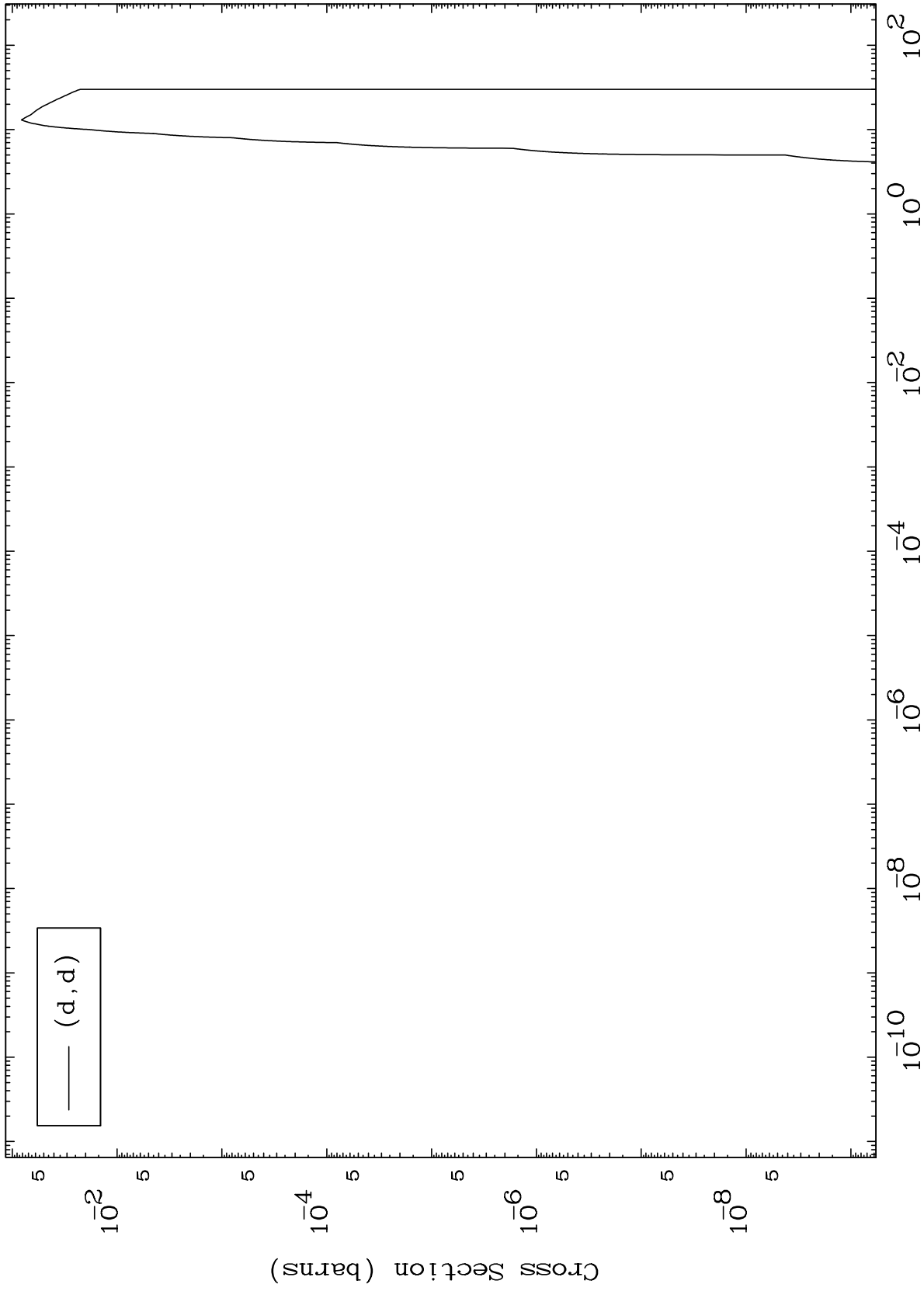




MAT 5153

(d,d) Levels  
0 Kelvin Cross Sections

51-Sb-130



8

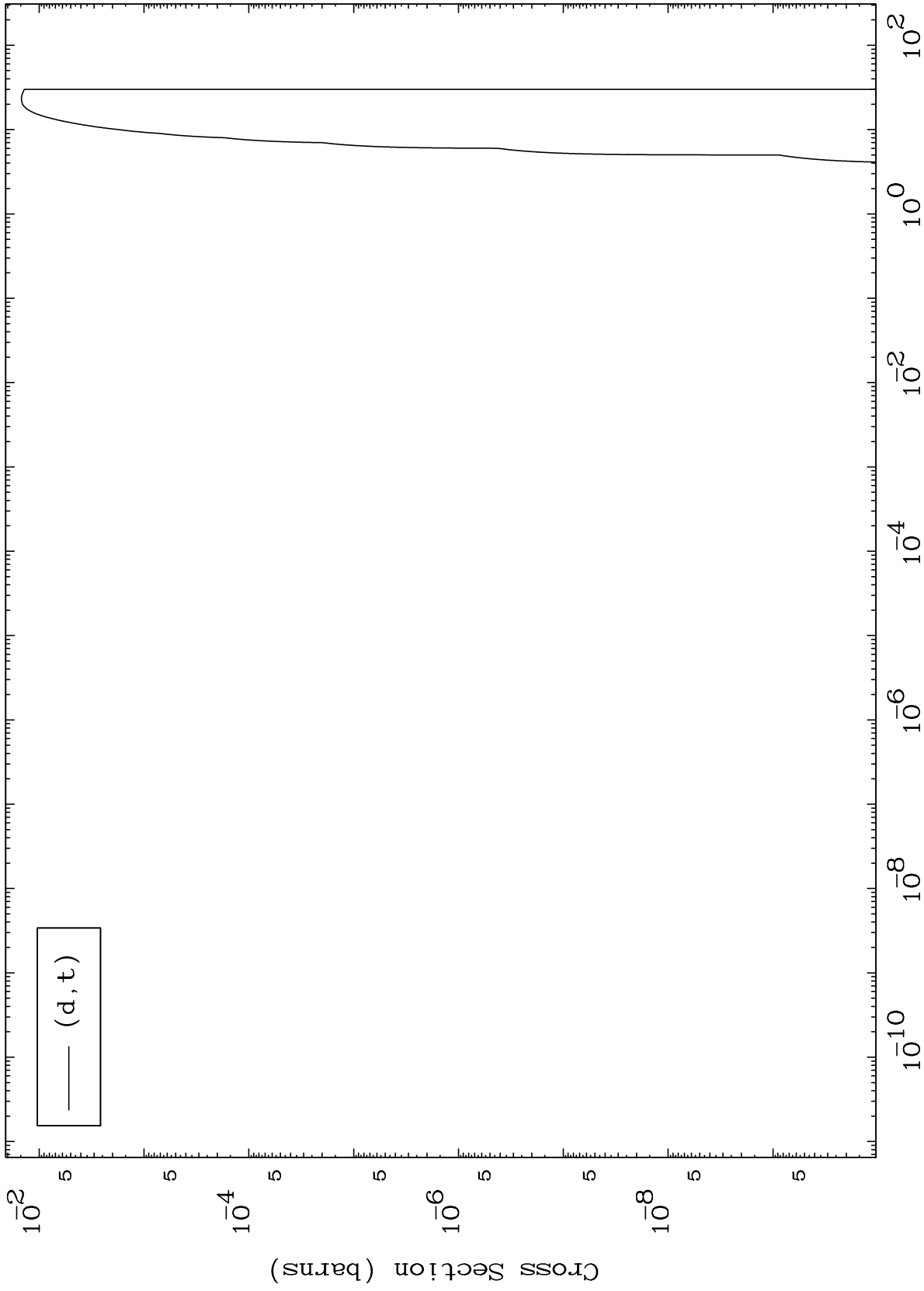
Incident Energy (MeV)

51-Sb-130

MAT 5153

(d,t) Levels  
0 Kelvin Cross Sections

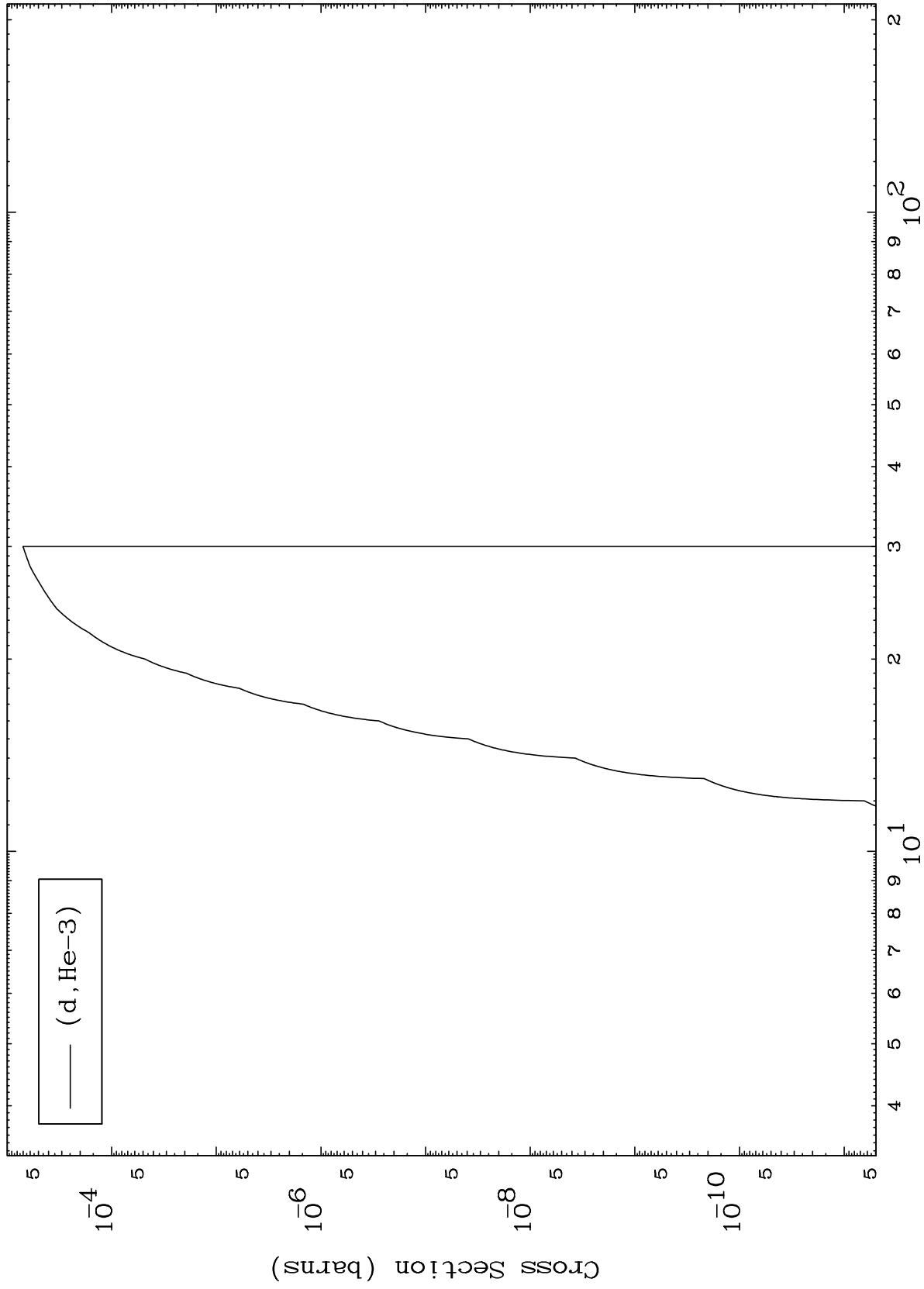
51-Sb-130



MAT 5153

(d,He3) Levels  
0 Kelvin Cross Sections

51-Sb-130



10

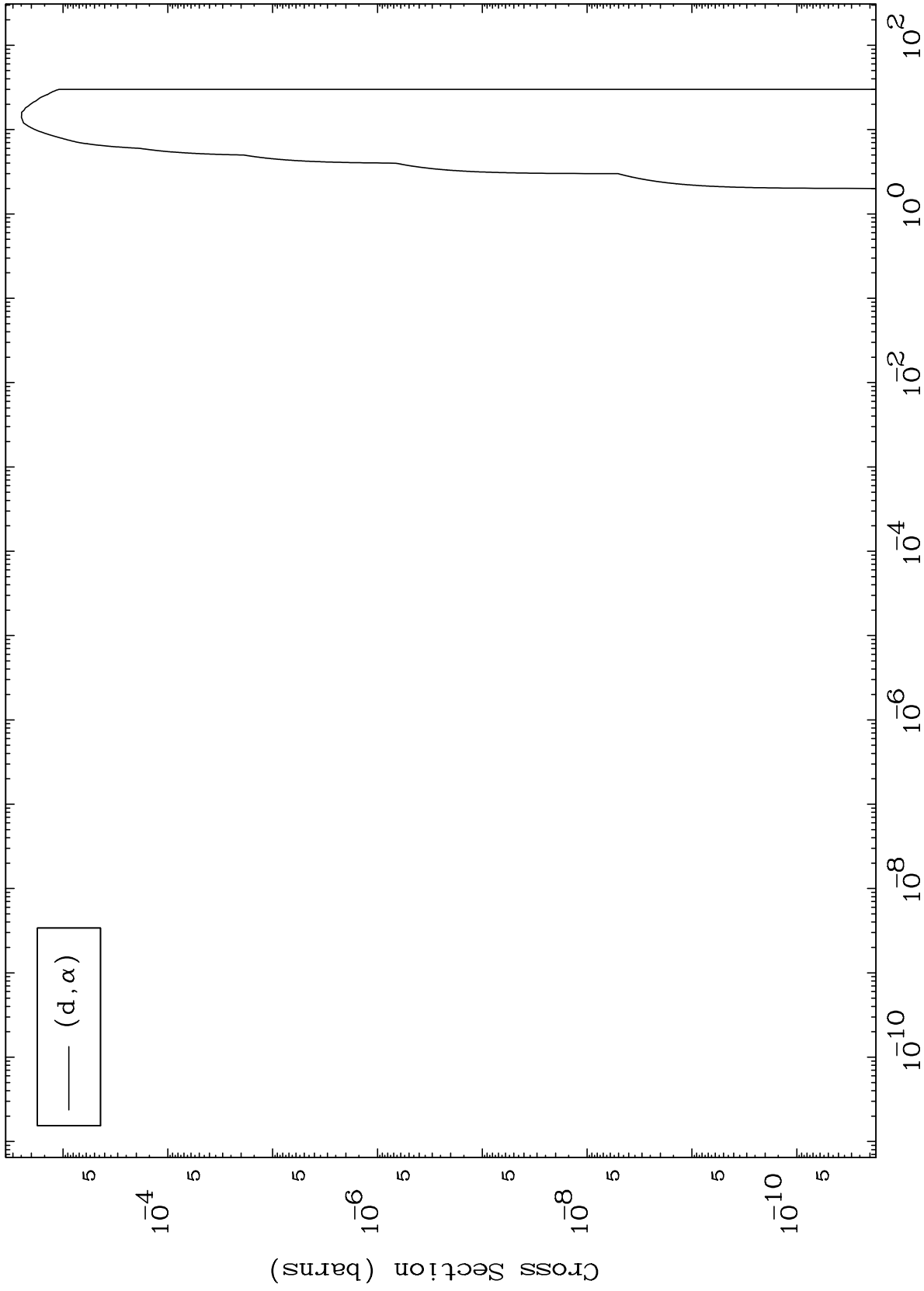
Incident Energy (MeV)

51-Sb-130

MAT 5153

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

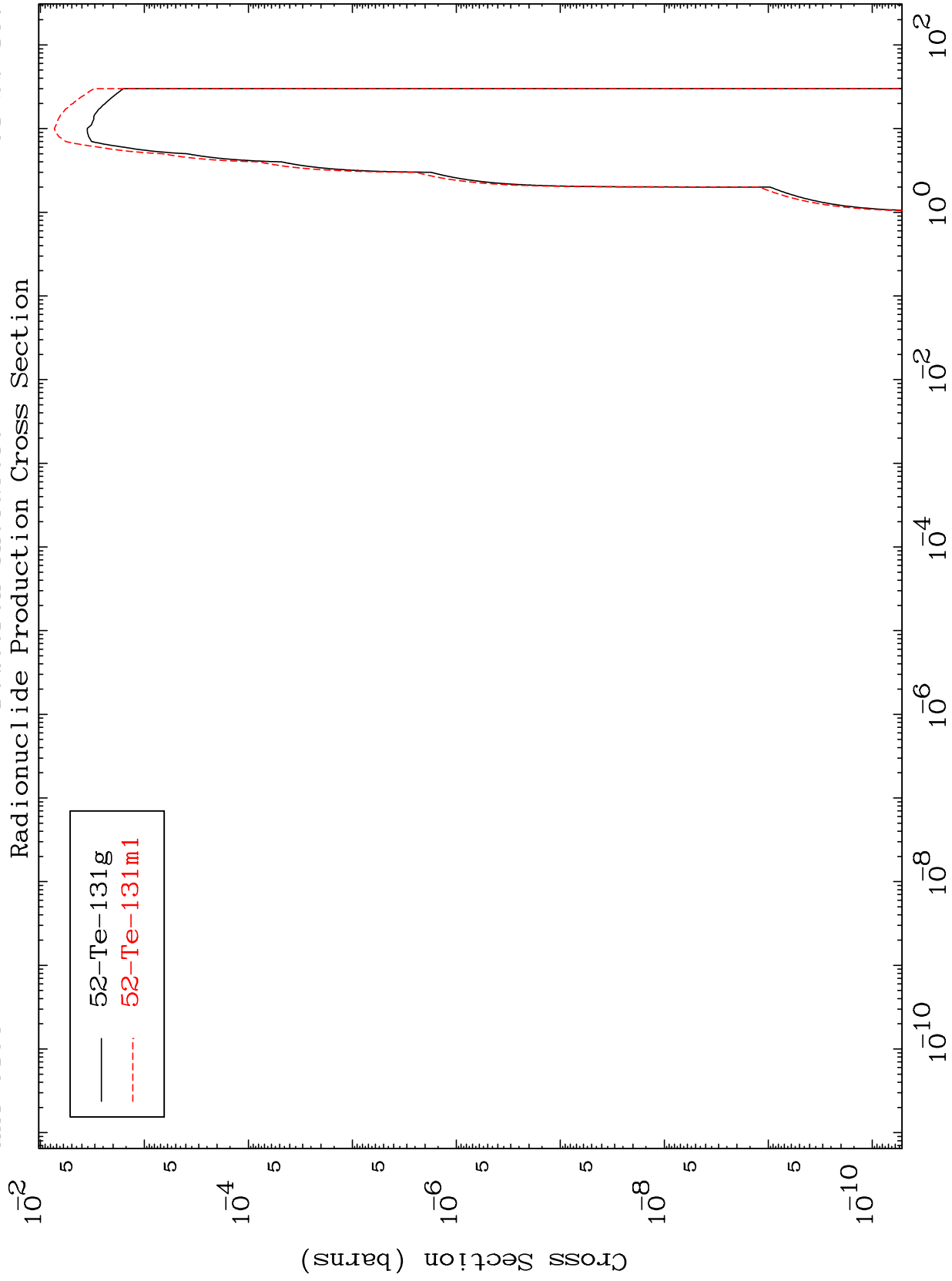
51-Sb-130



MAT 5153

Deuteron Inelastic  
Radionuclide Production Cross Section

51-Sb-130



12

Incident Energy (MeV)

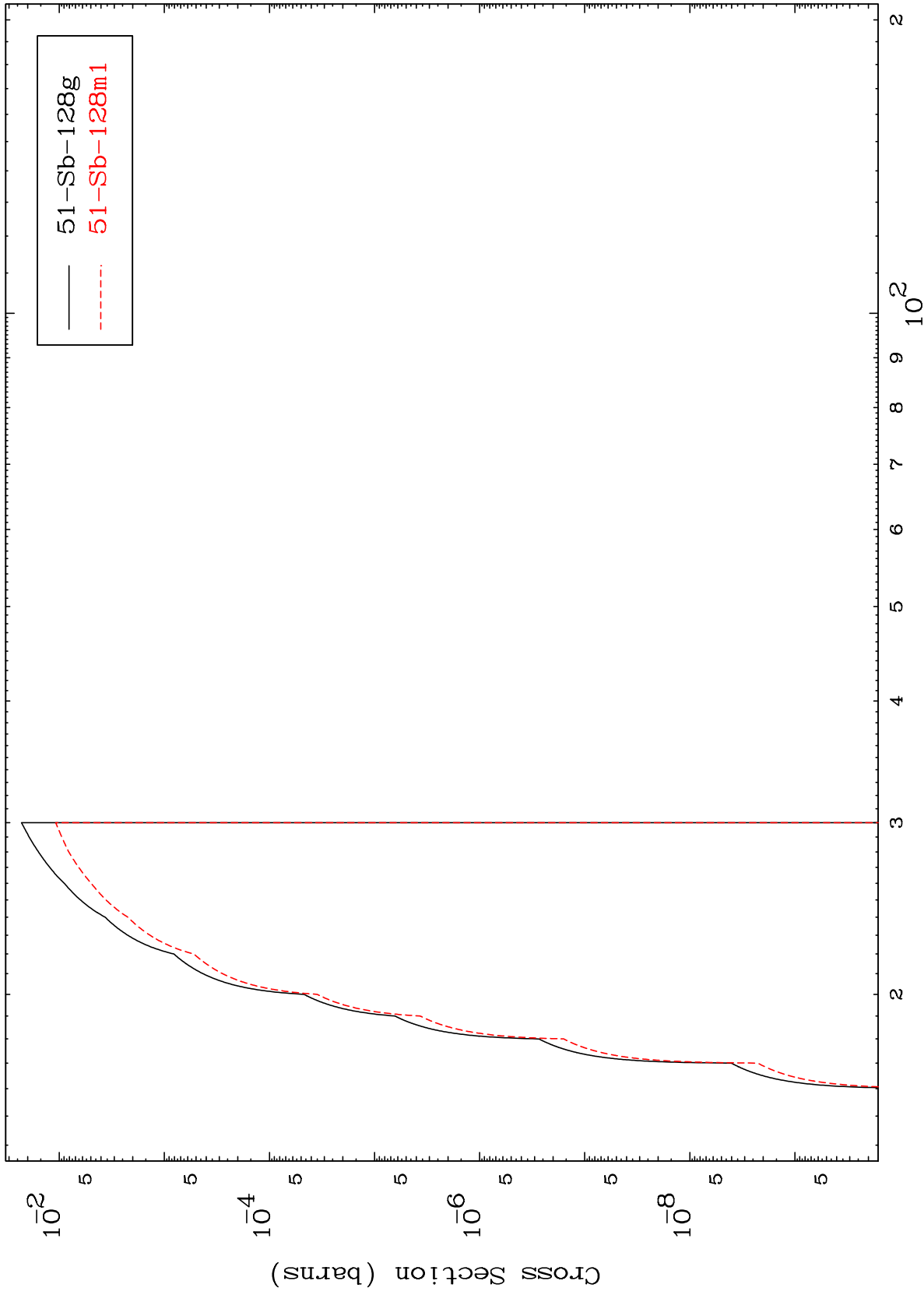
51-Sb-130

MAT 5153

(d,2n) d

51-Sb-130

Radionuclide Production Cross Section



13

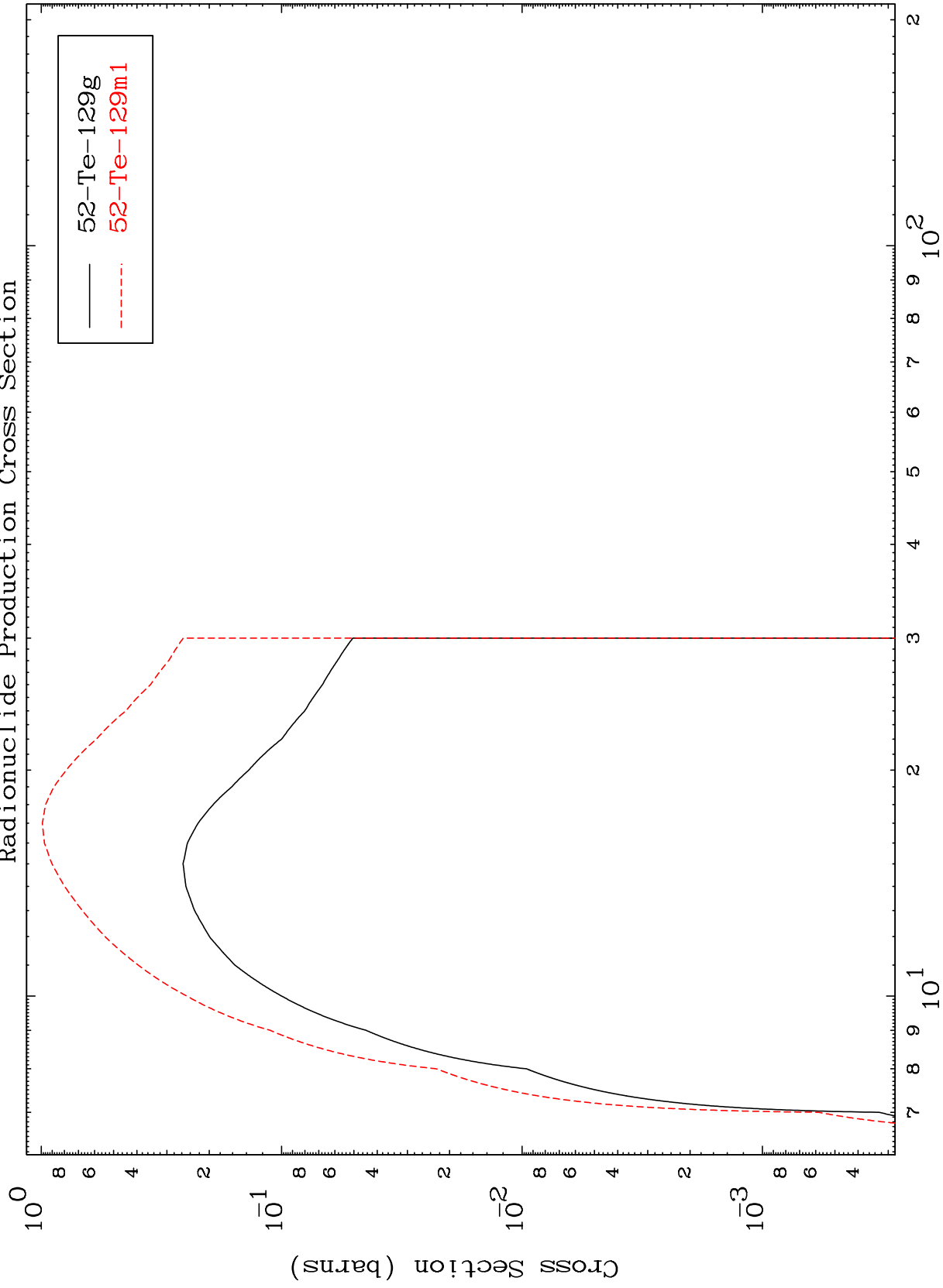
Incident Energy (MeV)

51-Sb-130

MAT 5153

51-Sb-130

(d,3n)  
Radionuclide Production Cross Section



14

Incident Energy (MeV)

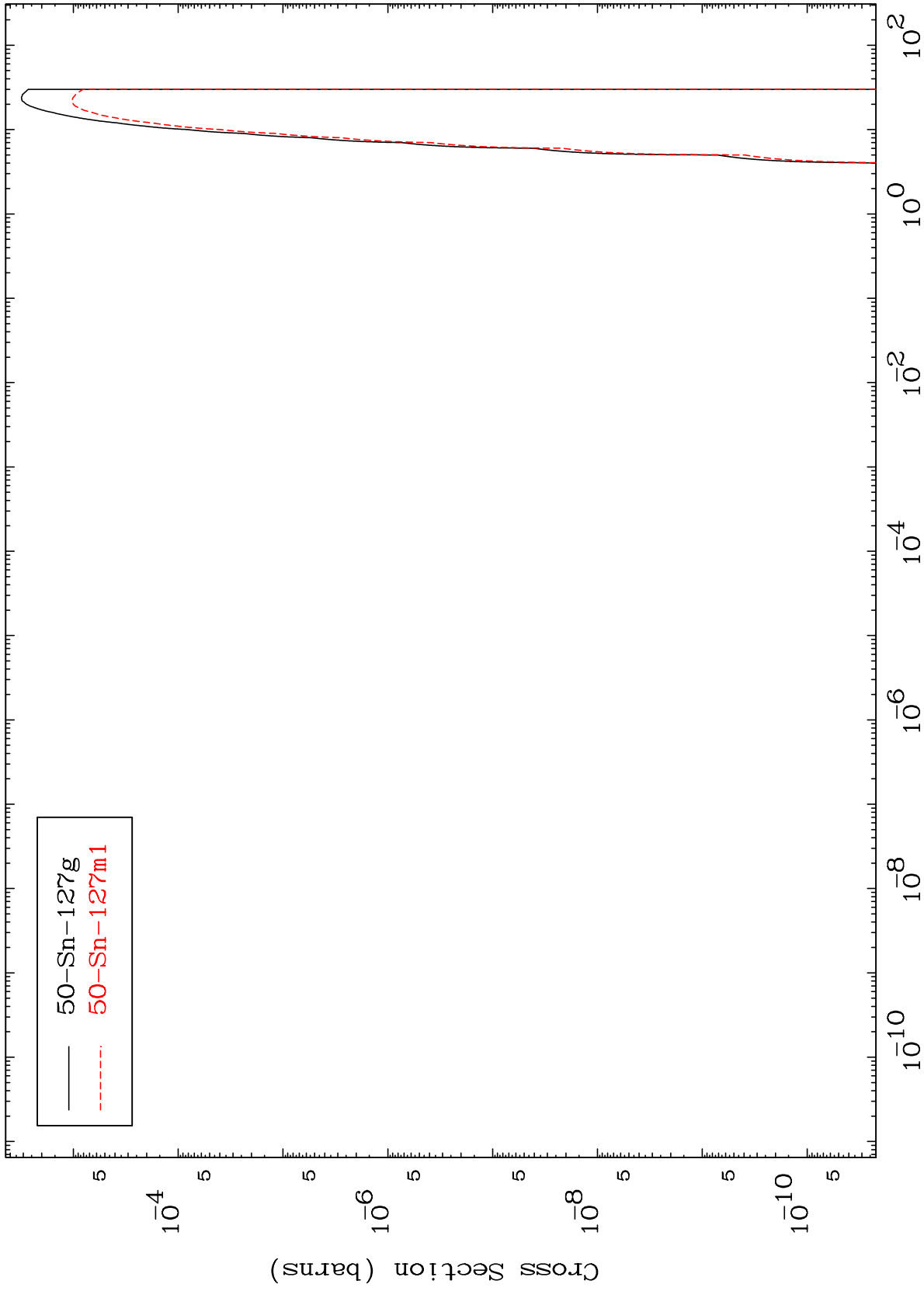
51-Sb-130

MAT 5153

(d,n')  $\alpha$

51-Sb-130

Radionuclide Production Cross Section



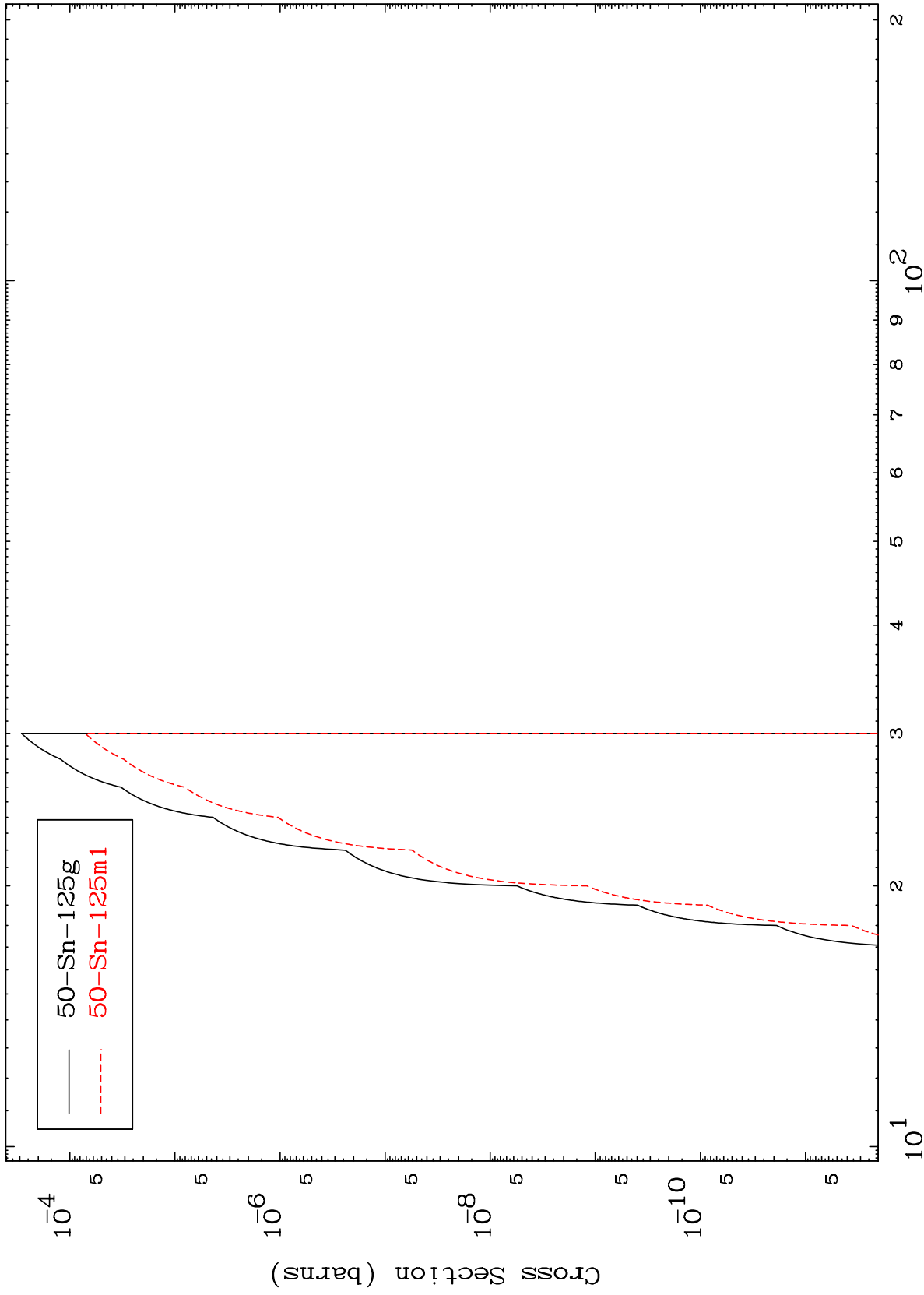


MAT 5153

(d,3n)  $\alpha$

51-Sb-130

Radionuclide Production Cross Section



16

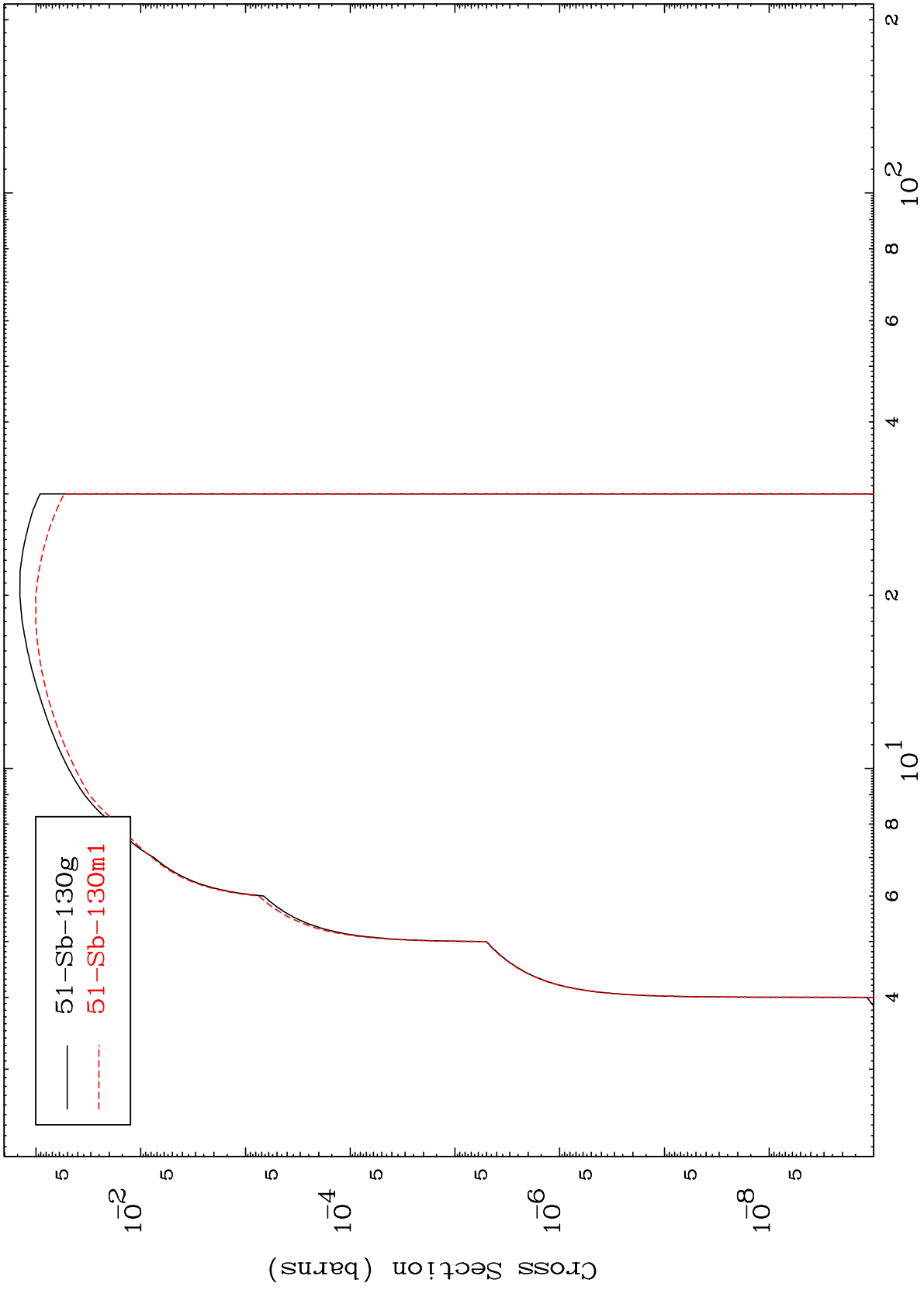
Incident Energy (MeV)

51-Sb-130

MAT 5153

51-Sb-130

(d,n') p  
Radionuclide Production Cross Section



17

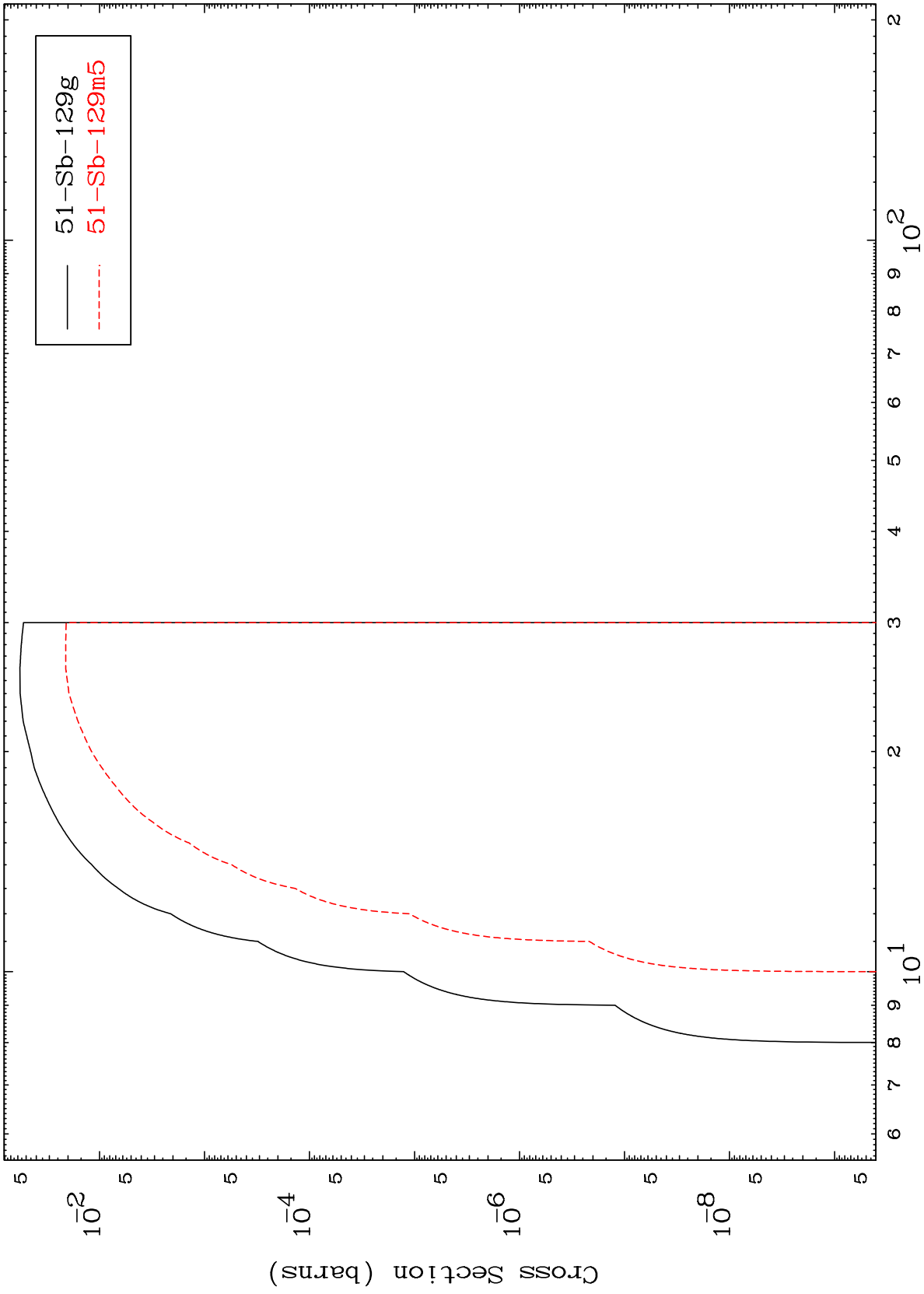
51-Sb-130

MAT 5153

(d,n') d

51-Sb-130

Radionuclide Production Cross Section



18

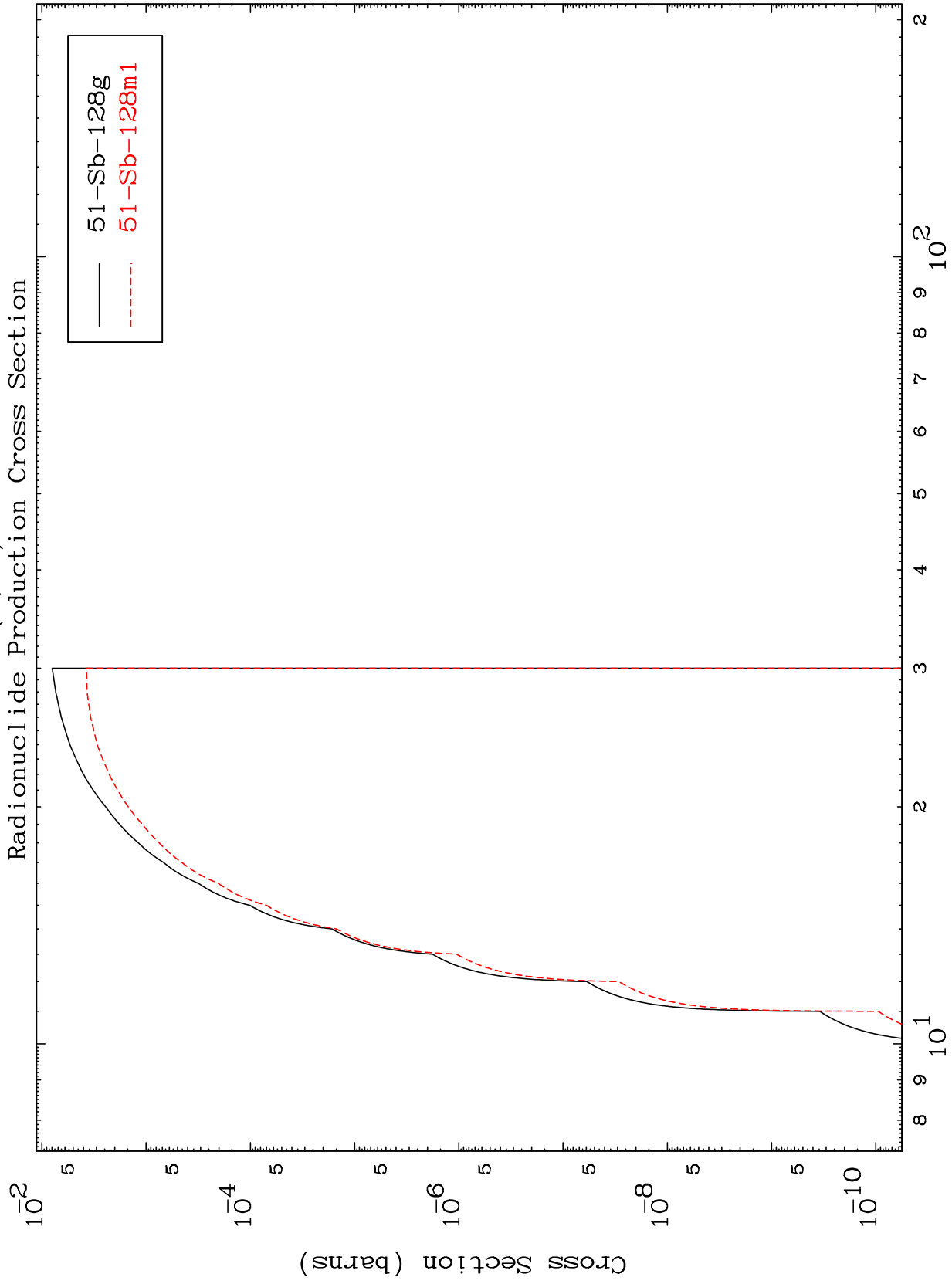
Incident Energy (MeV)

51-Sb-130

MAT 5153

(d,n') t

51-Sb-130



19

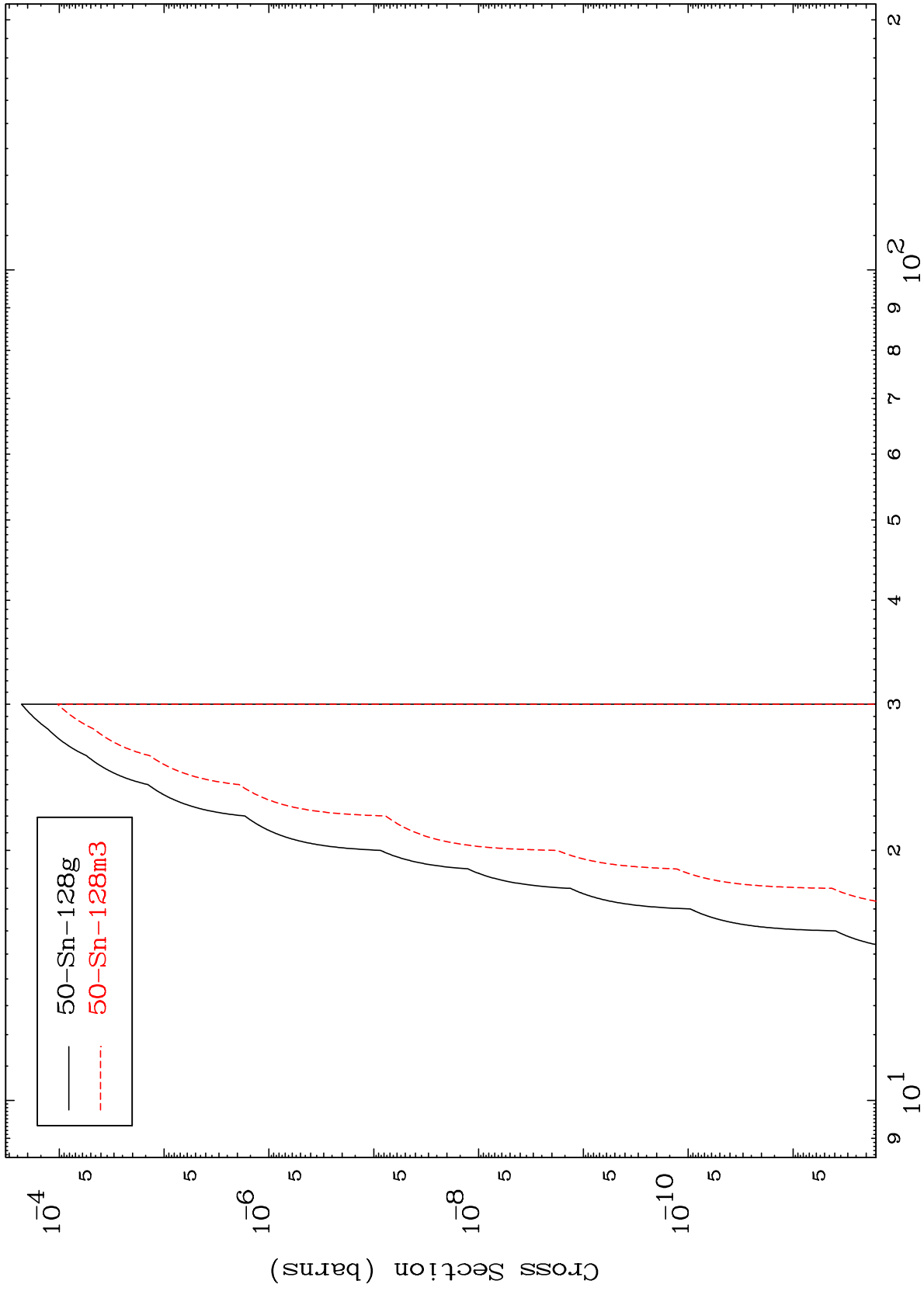
51-Sb-130

MAT 5153

(d,n') He-3

51-Sb-130

Radionuclide Production Cross Section



20

Incident Energy (MeV)

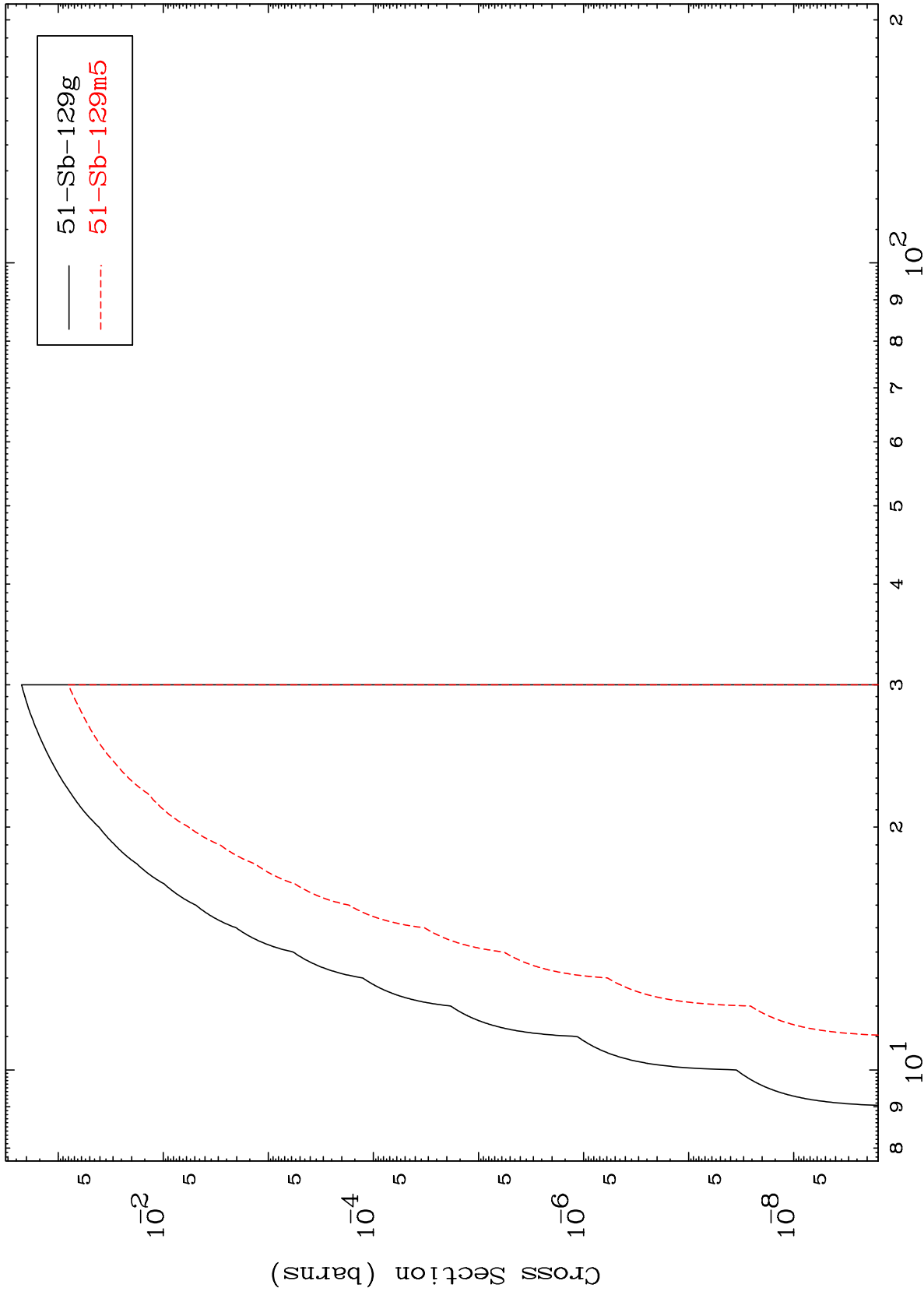
51-Sb-130

MAT 5153

(d,2n) p

51-Sb-130

Radionuclide Production Cross Section



21

Incident Energy (MeV)

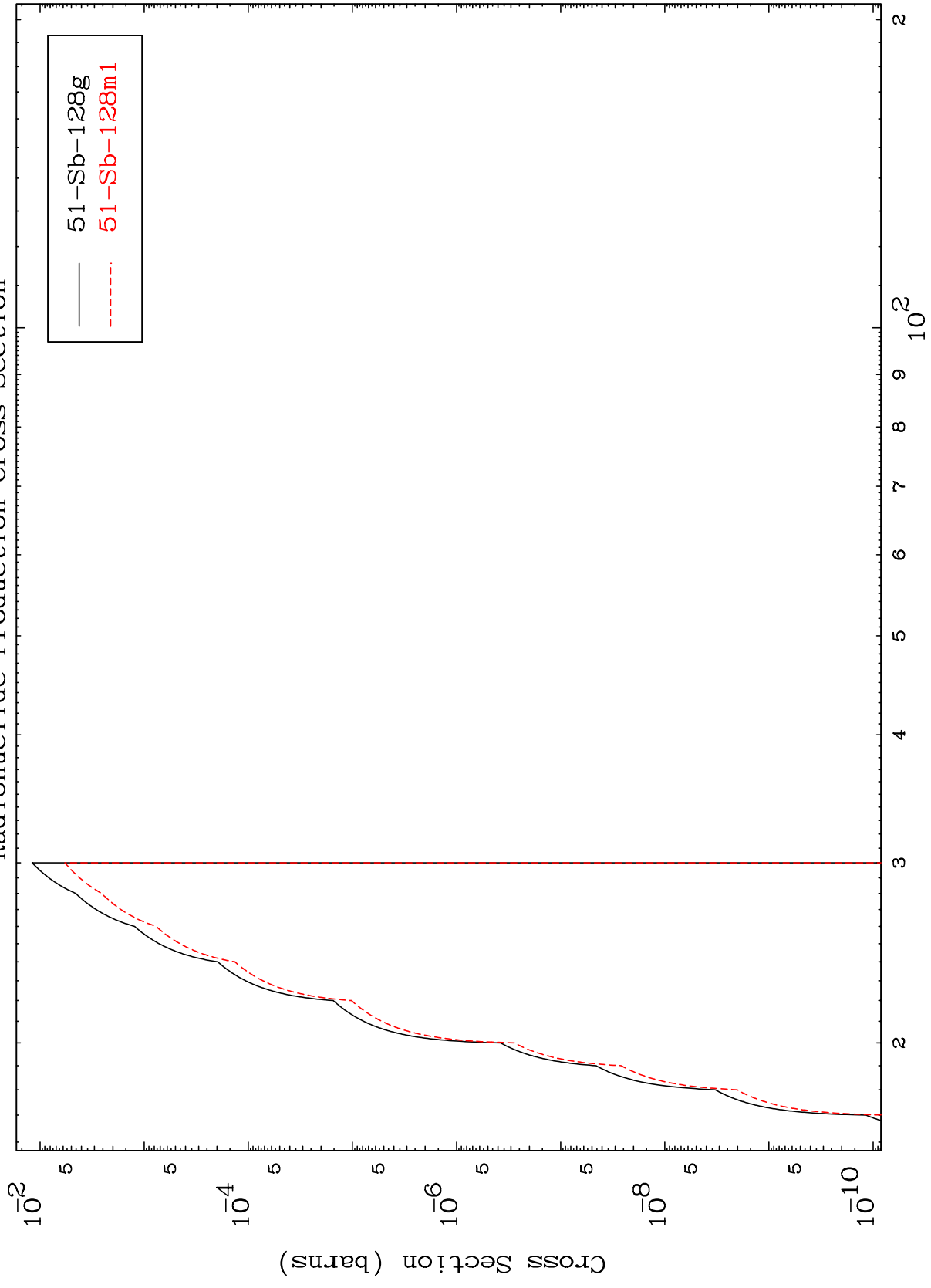
51-Sb-130

MAT 5153

(d,3n) p

51-Sb-130

Radionuclide Production Cross Section



22

Incident Energy (MeV)

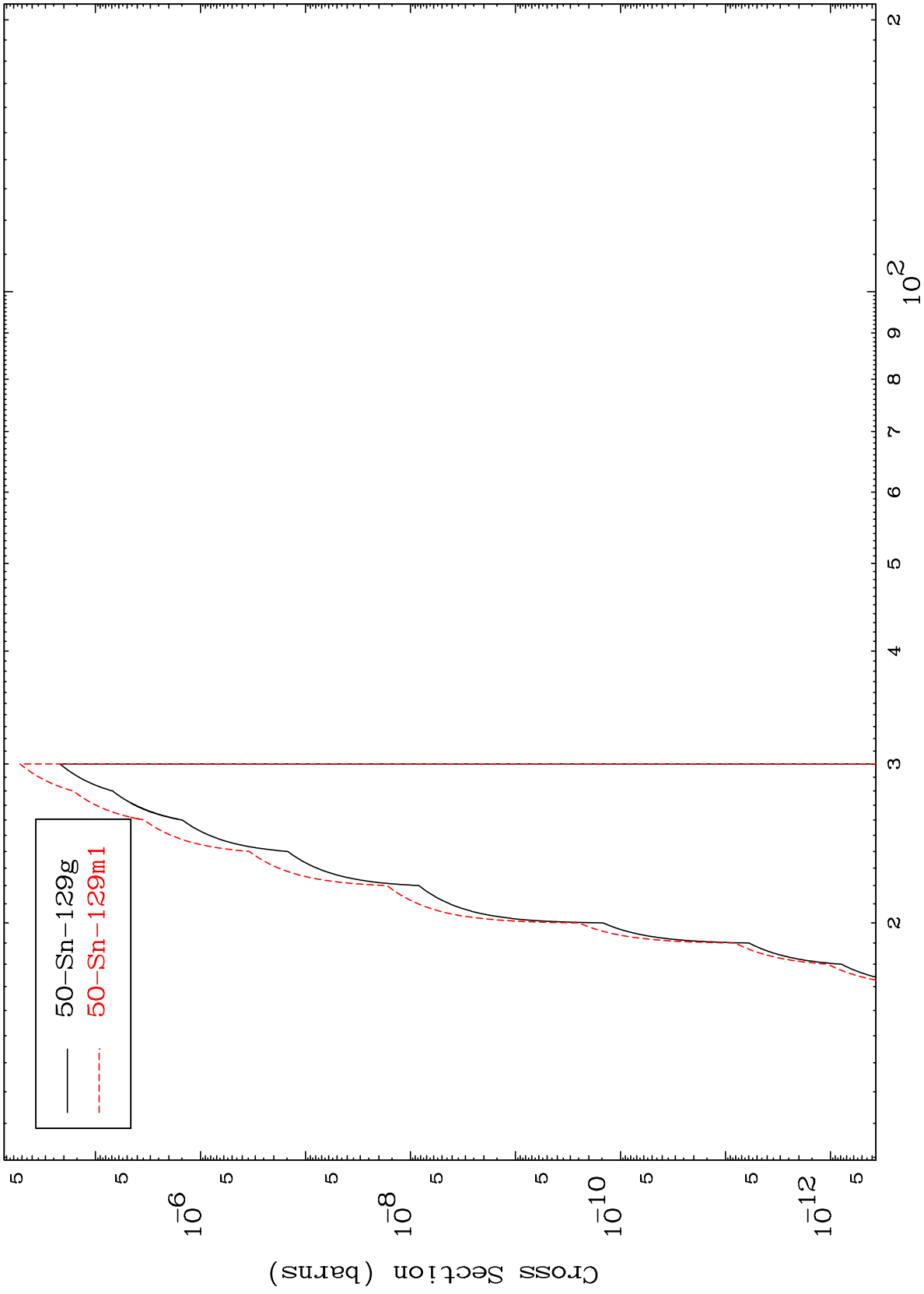
51-Sb-130

MAT 5153

(d,2n) p

51-Sb-130

Radionuclide Production Cross Section



23

Incident Energy (MeV)

51-Sb-130

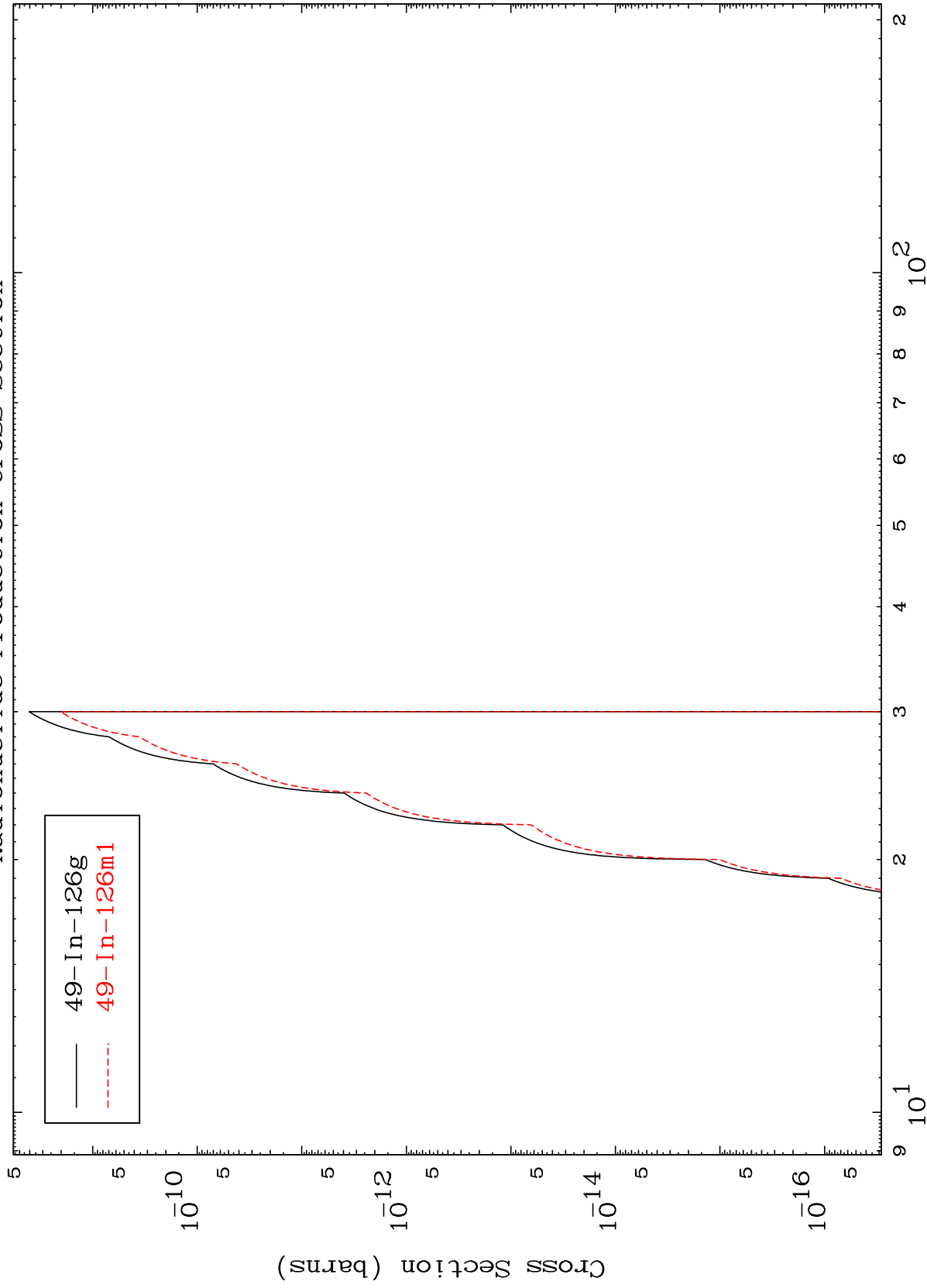


MAT 5153

(d,n') p  $\alpha$

51-Sb-130

Radionuclide Production Cross Section



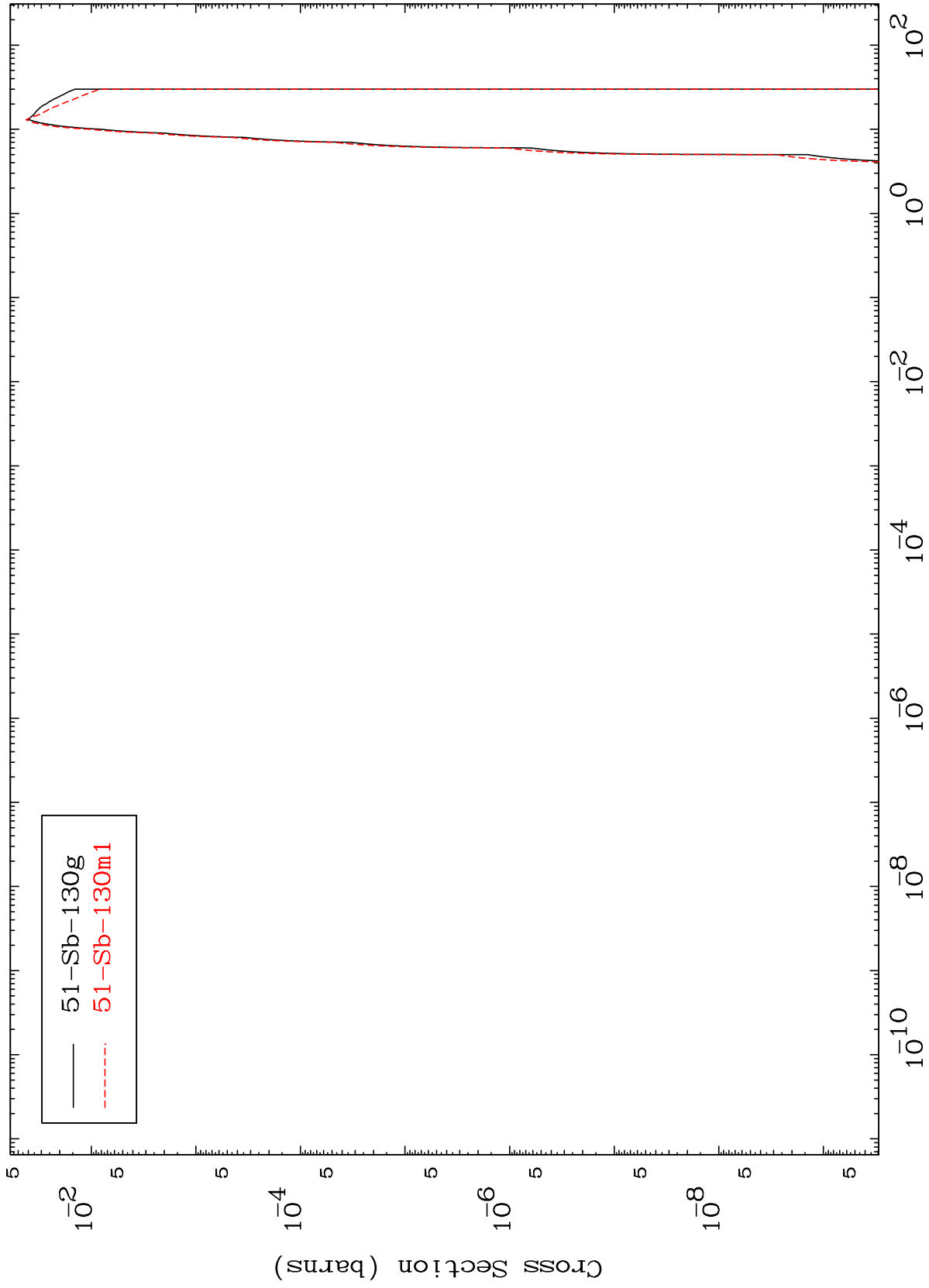
24

MAT 5153

(d,d)

51-Sb-130

Radionuclide Production Cross Section



25

Incident Energy (MeV)

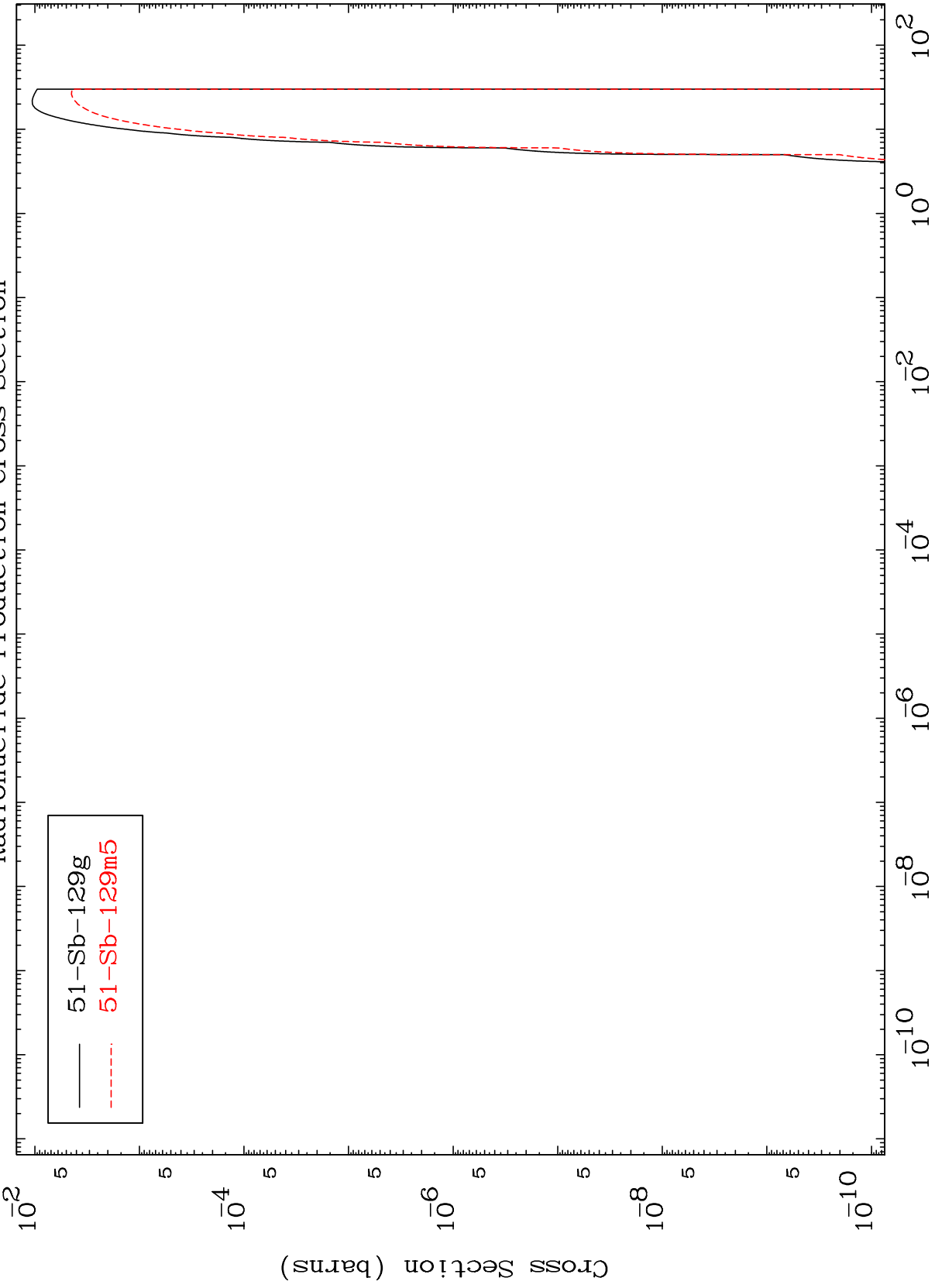
51-Sb-130

MAT 5153

(d,t)

51-Sb-130

Radionuclide Production Cross Section

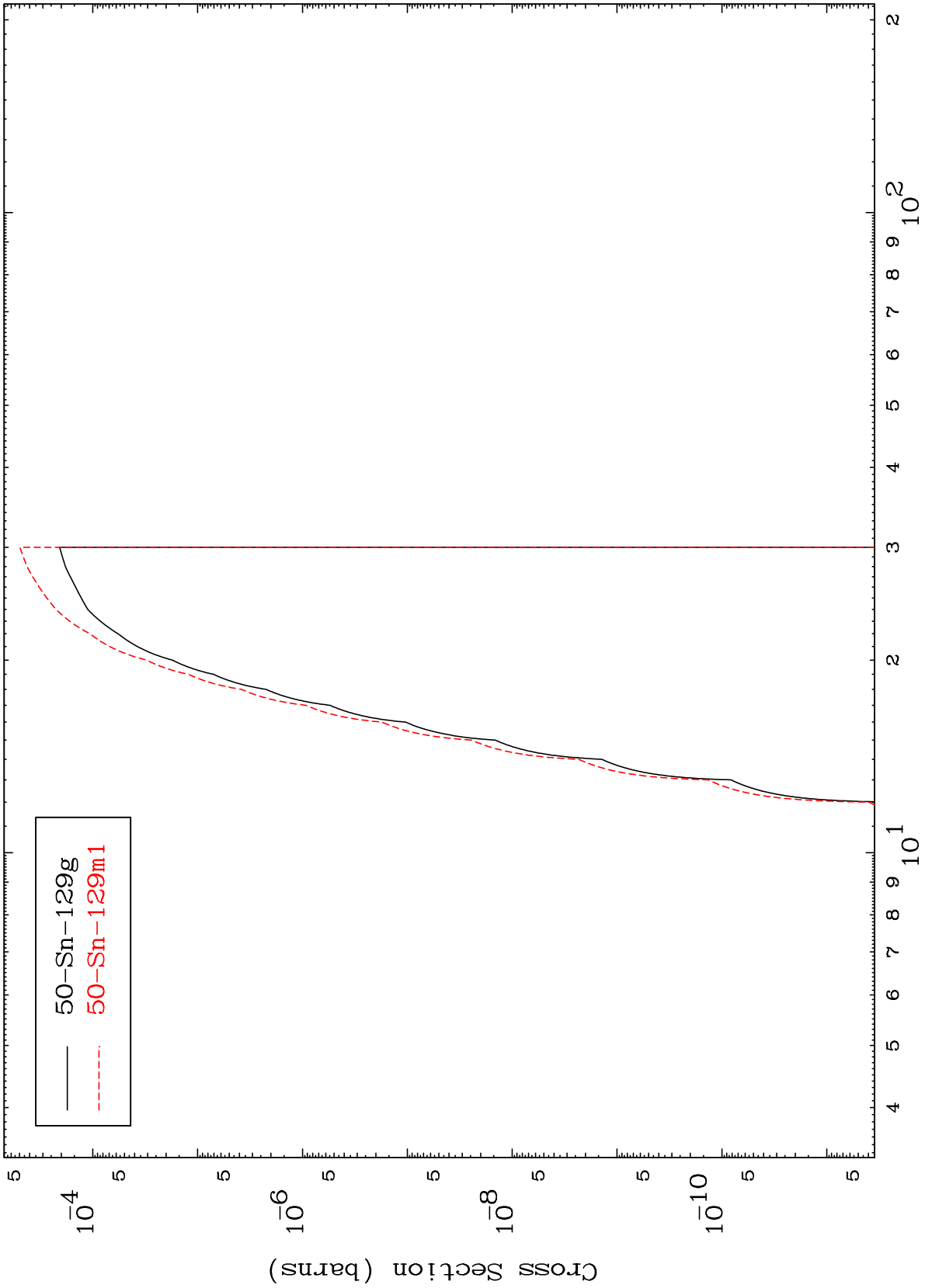


MAT 5153

(d,He-3)

51-Sb-130

Radionuclide Production Cross Section



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

27

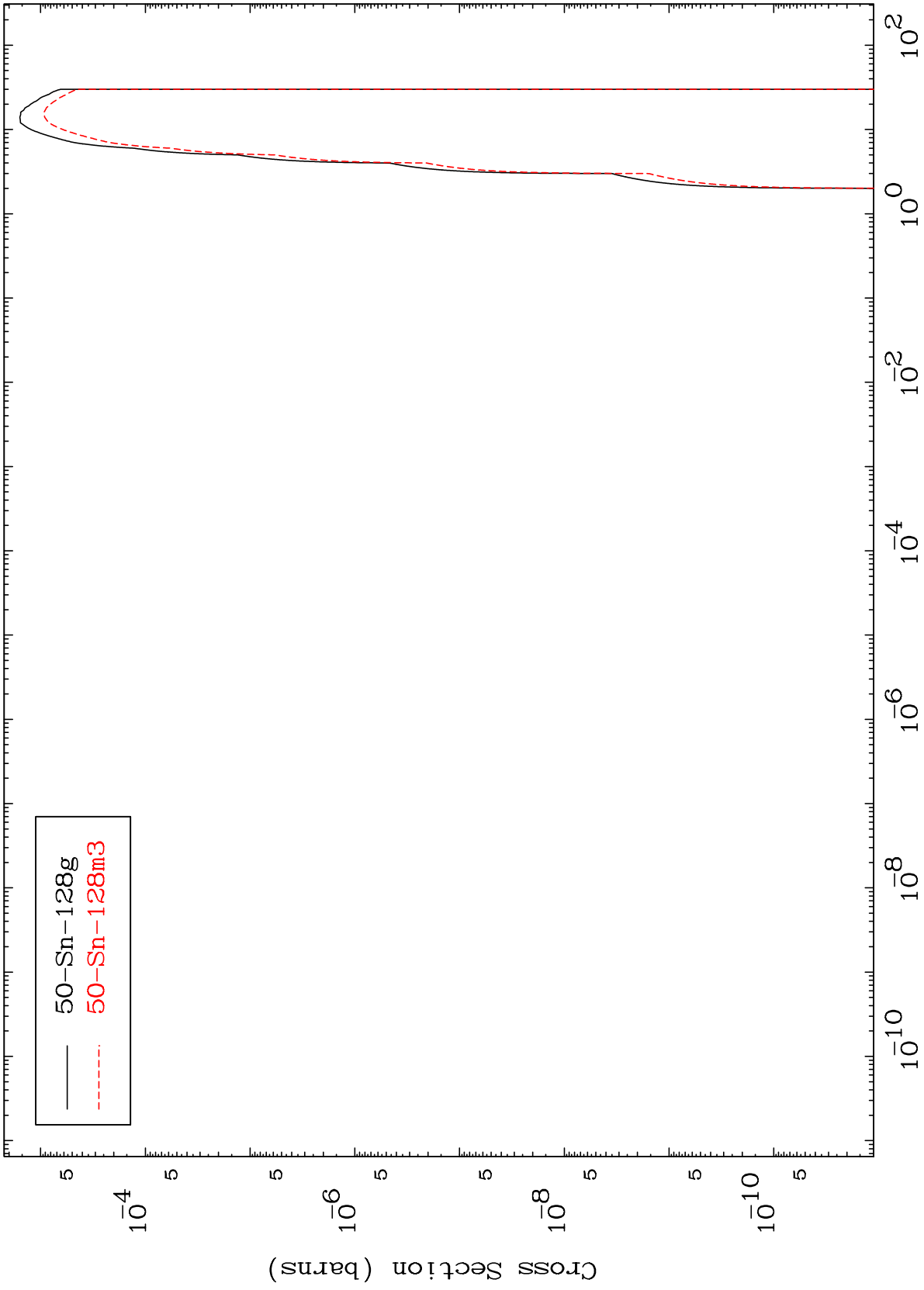
Incident Energy (MeV)

51-Sb-130

MAT 5153

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

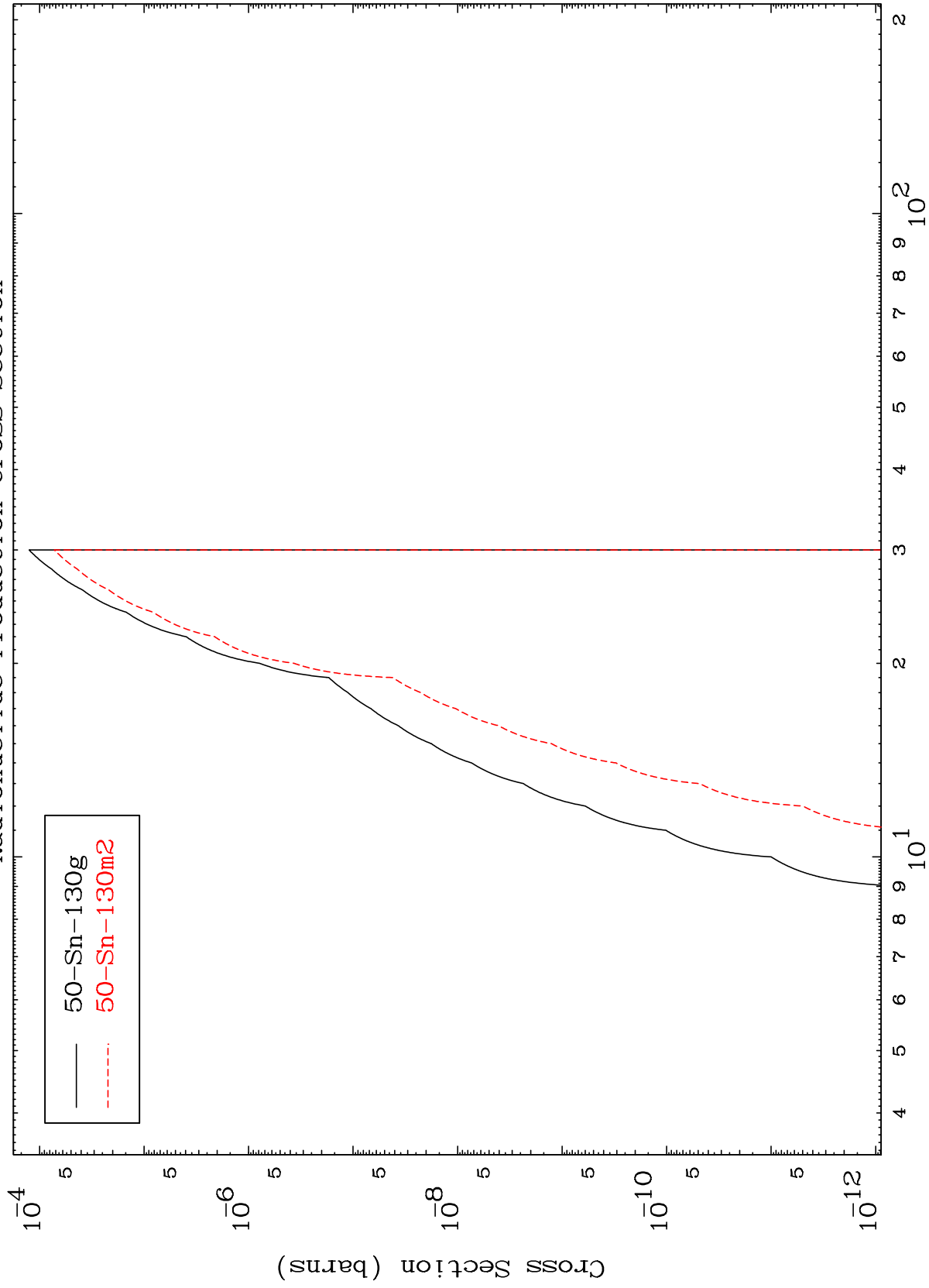
51-Sb-130



MAT 5153

51-Sb-130

Radionuclide Production Cross Section  
(d,2p)



29

Incident Energy (MeV)

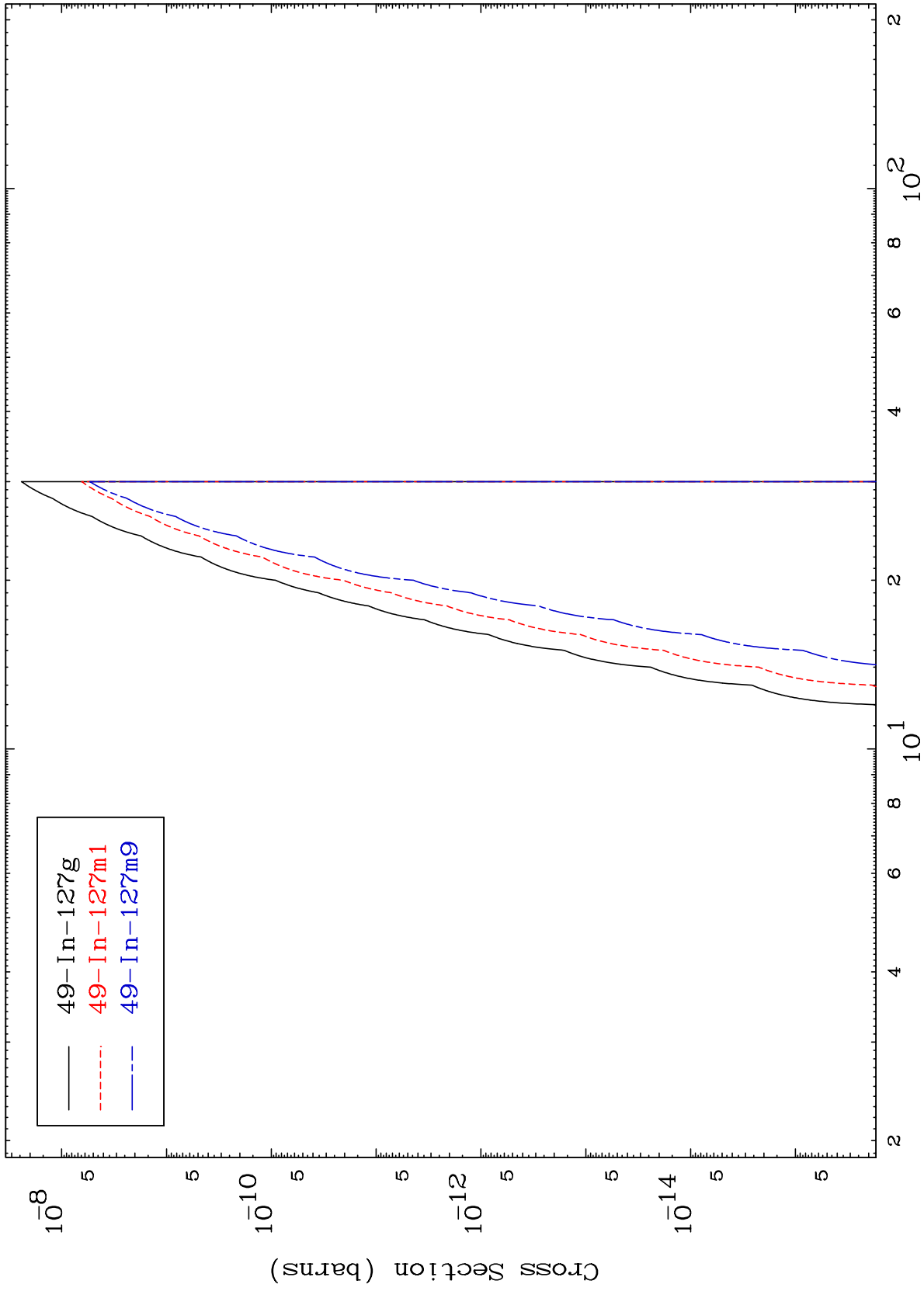
51-Sb-130

MAT 5153

(d,p)  $\alpha$

51-Sb-130

Radionuclide Production Cross Section



30

Incident Energy (MeV)

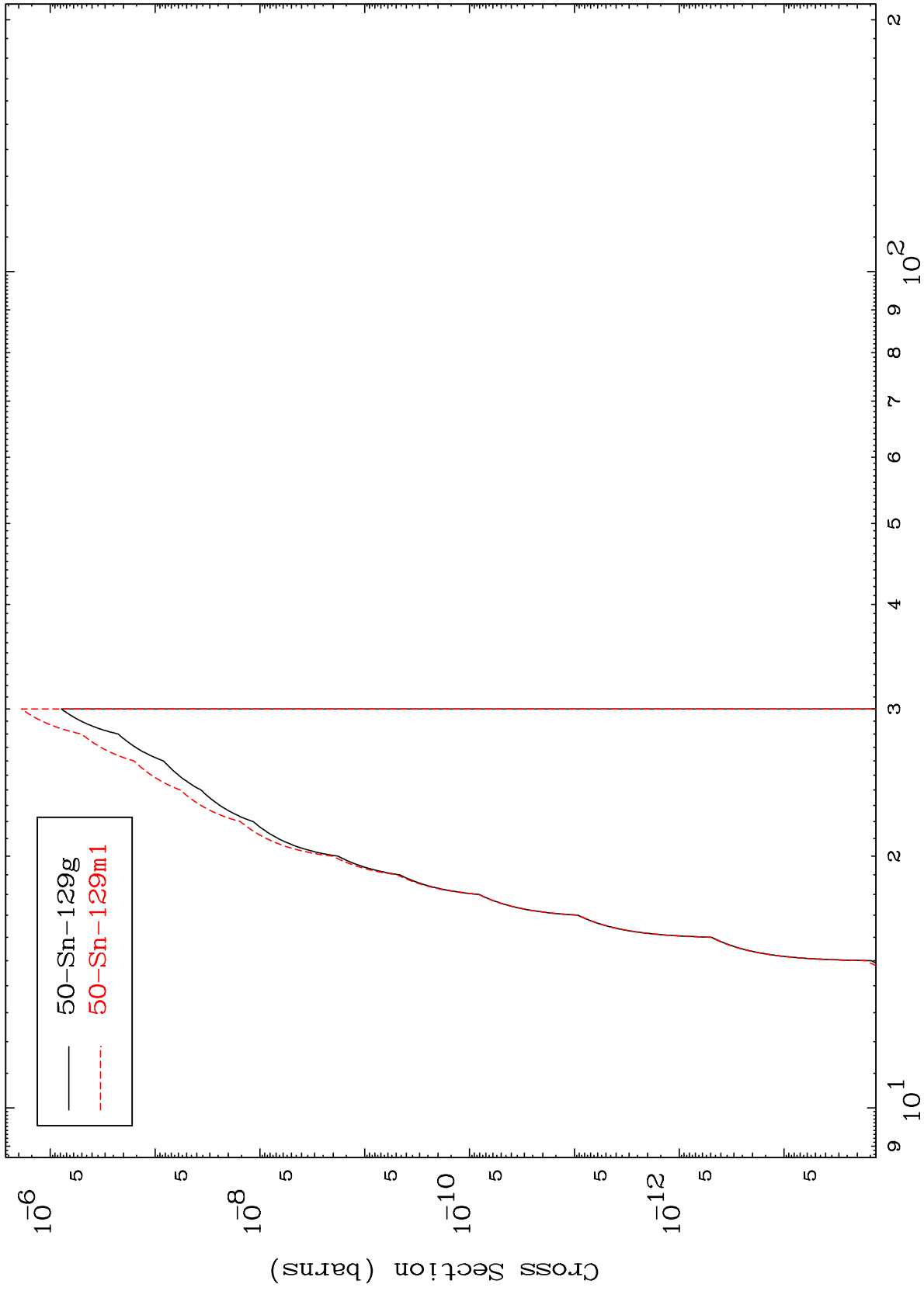
51-Sb-130

MAT 5153

(d,p) d

51-Sb-130

Radionuclide Production Cross Section



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

31

Incident Energy (MeV)

51-Sb-130

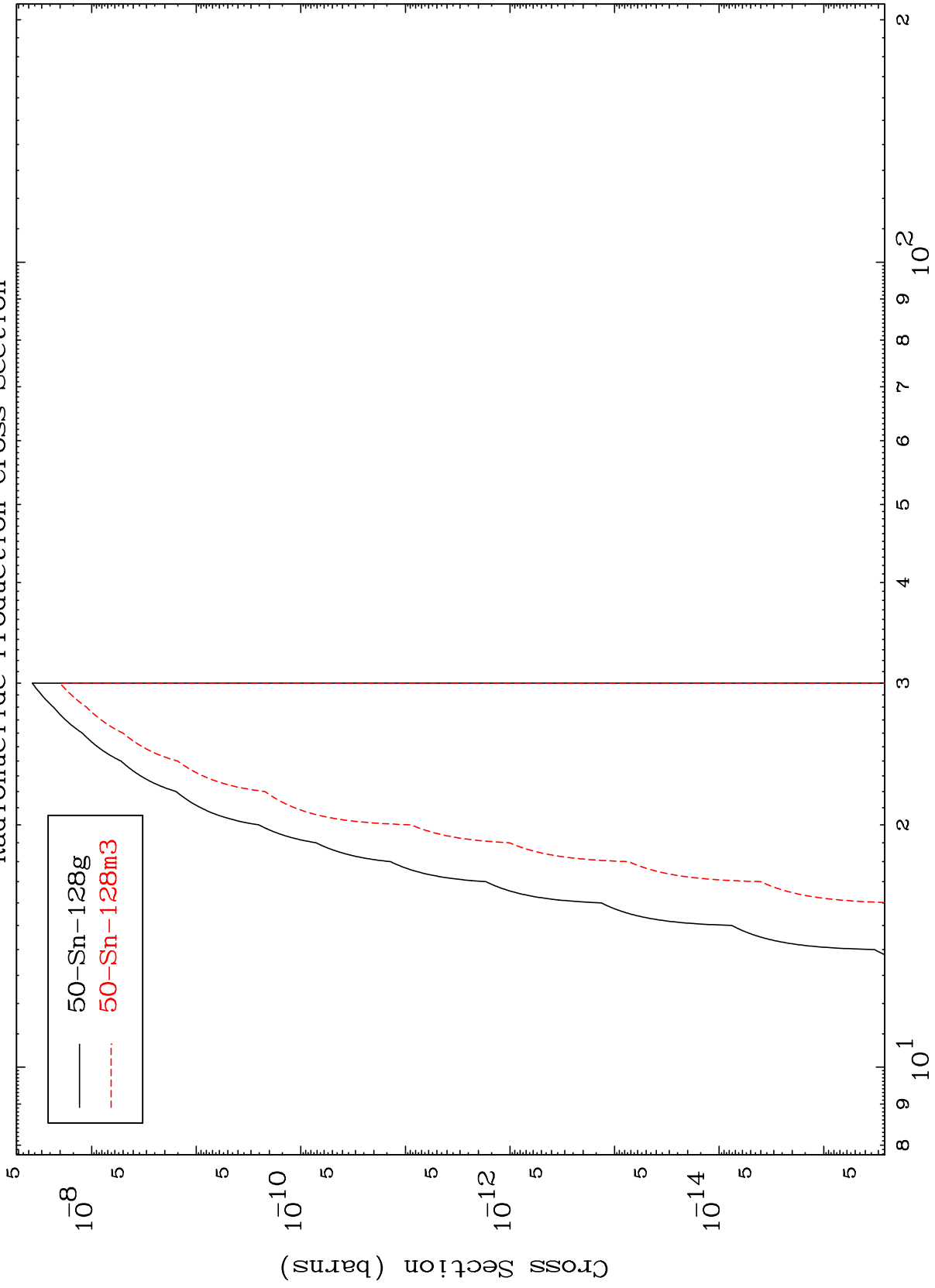


MAT 5153

(d,p) t

51-Sb-130

Radionuclide Production Cross Section



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

32

Incident Energy (MeV)

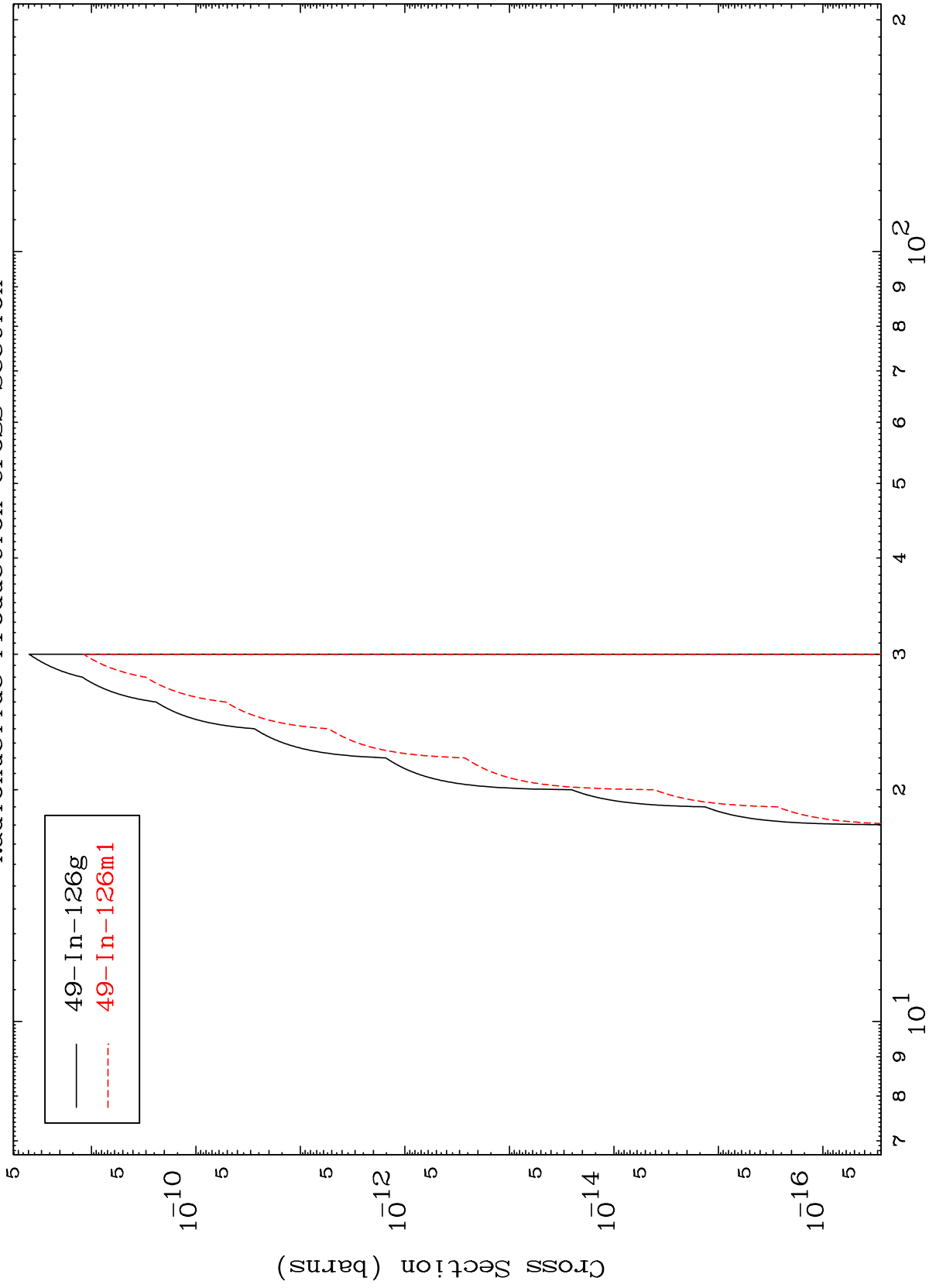
51-Sb-130

MAT 5153

(d,d)  $\alpha$

51-Sb-130

Radionuclide Production Cross Section



33