

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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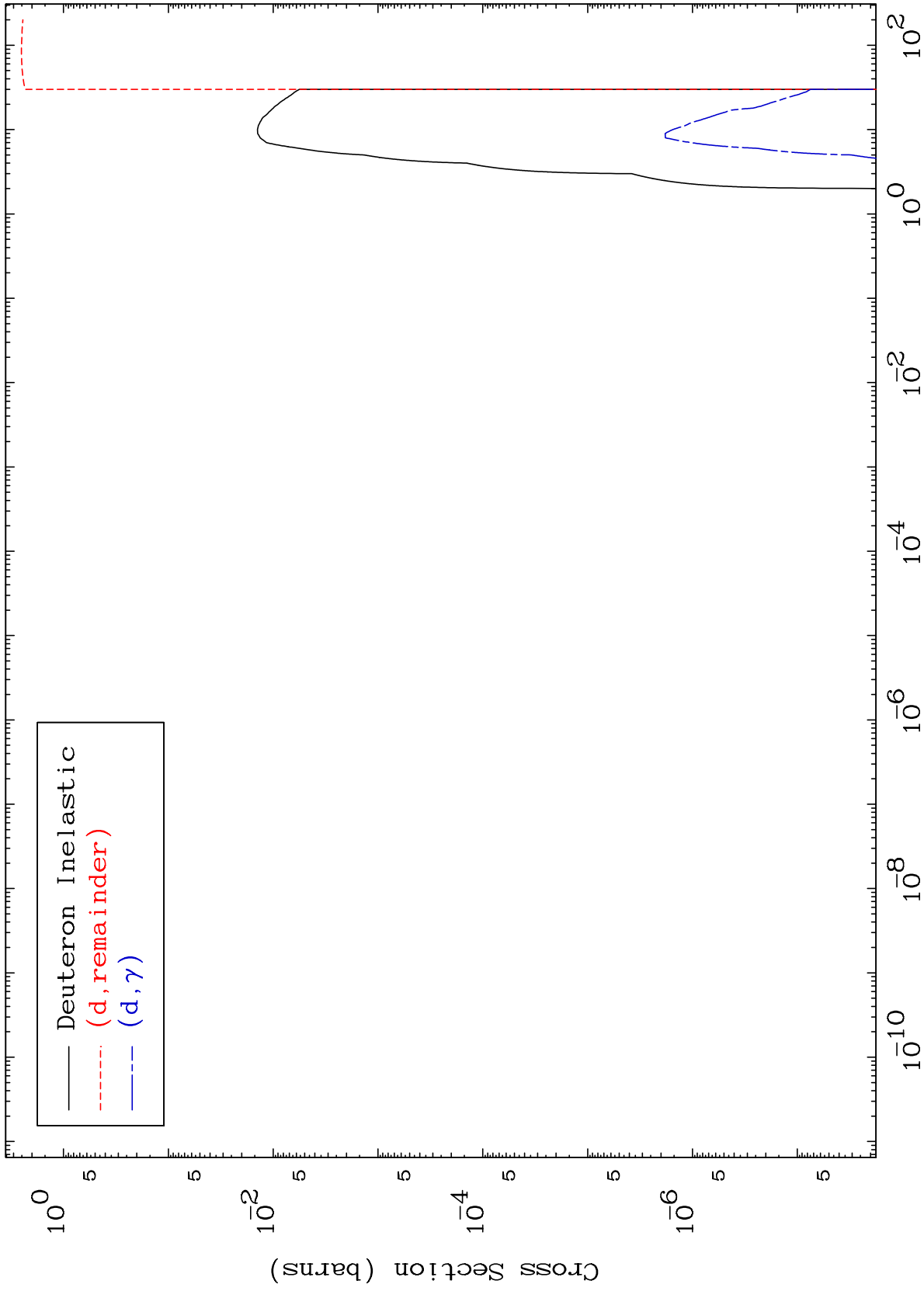
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5155

Deuteron Major  
0 Kelvin Cross Sections

51-Sb-131



1

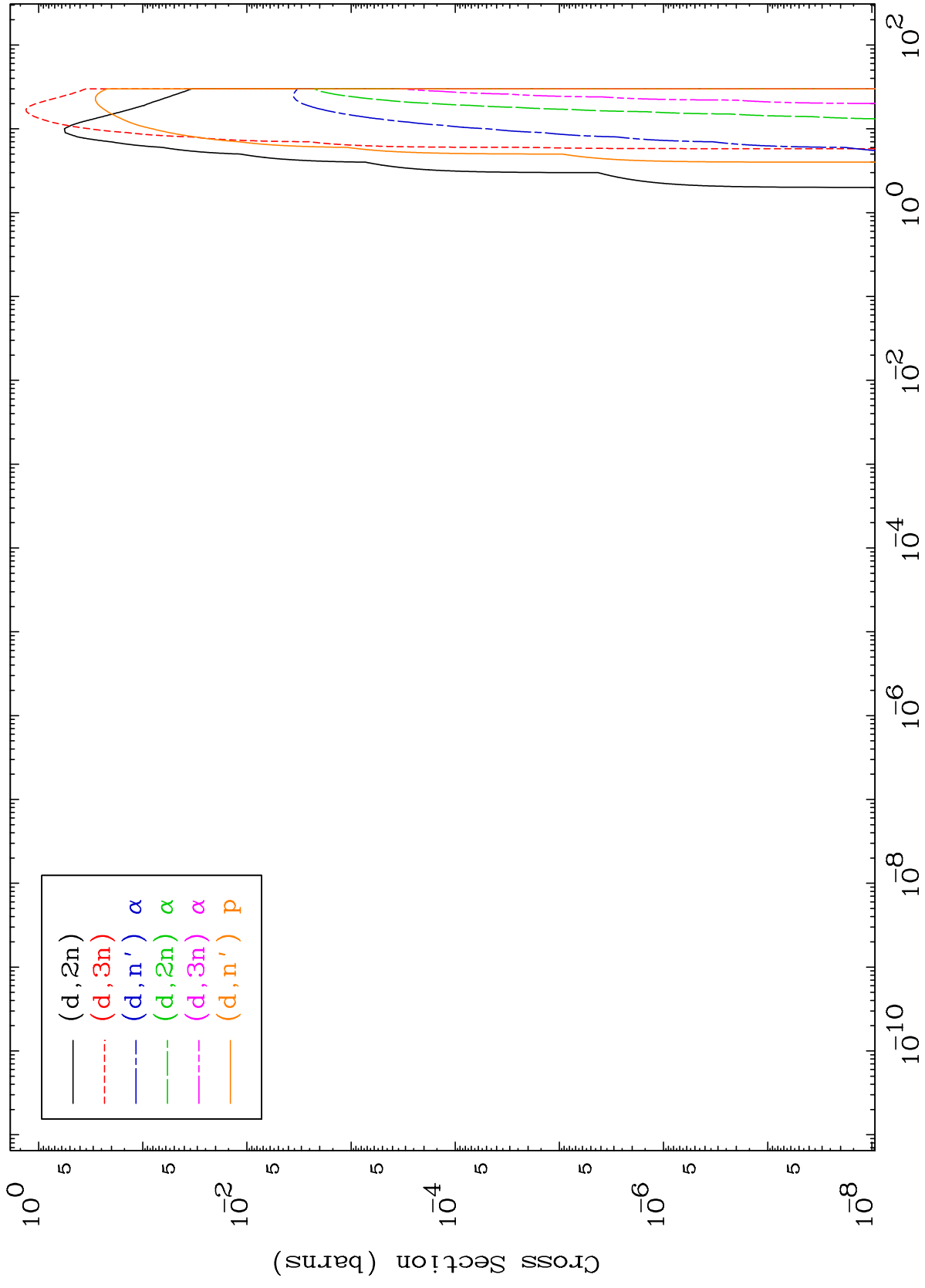
Incident Energy (MeV)

51-Sb-131

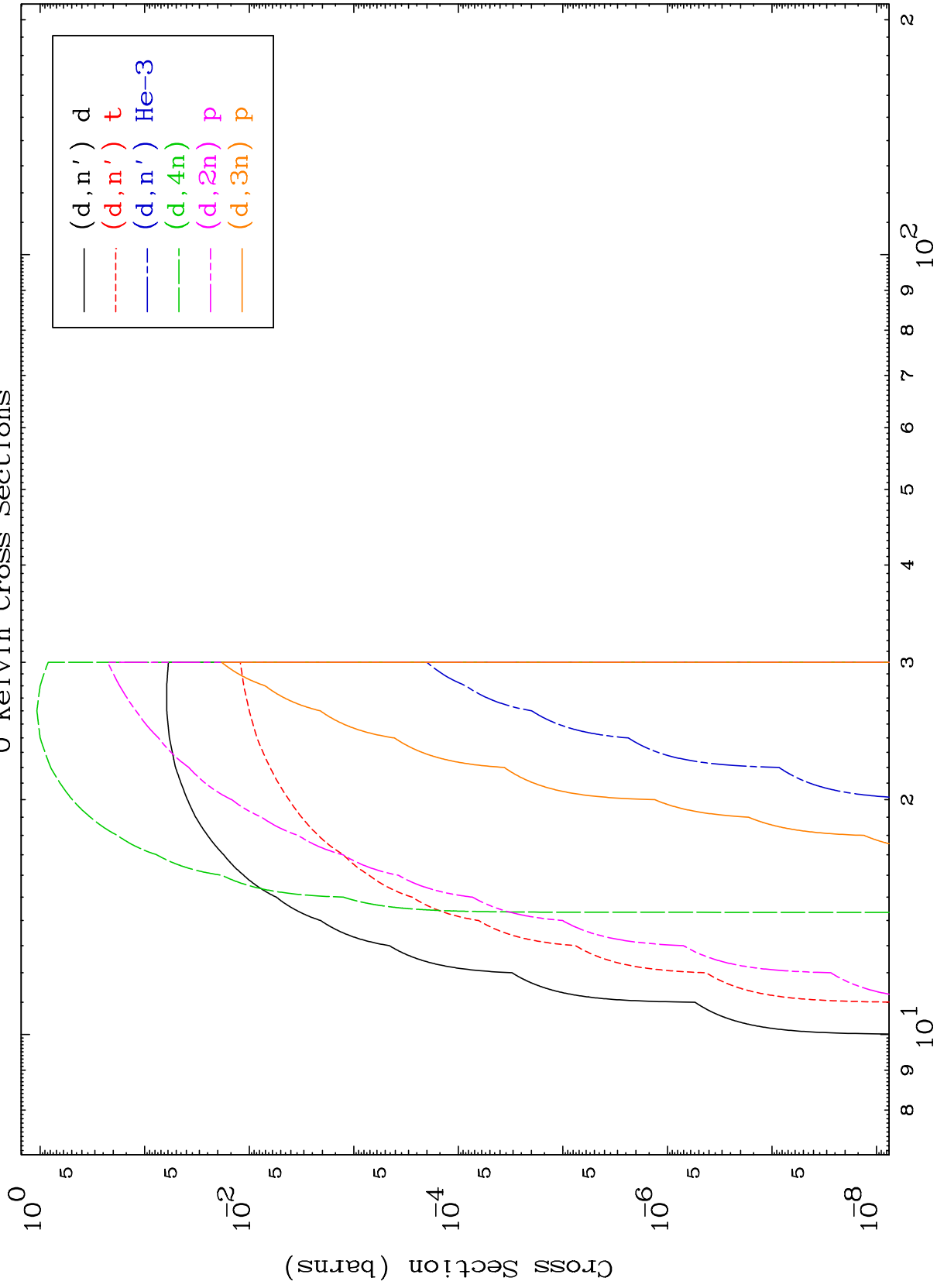
MAT 5155

Deuteron Neutron Production  
0 Kelvin Cross Sections

51-Sb-131



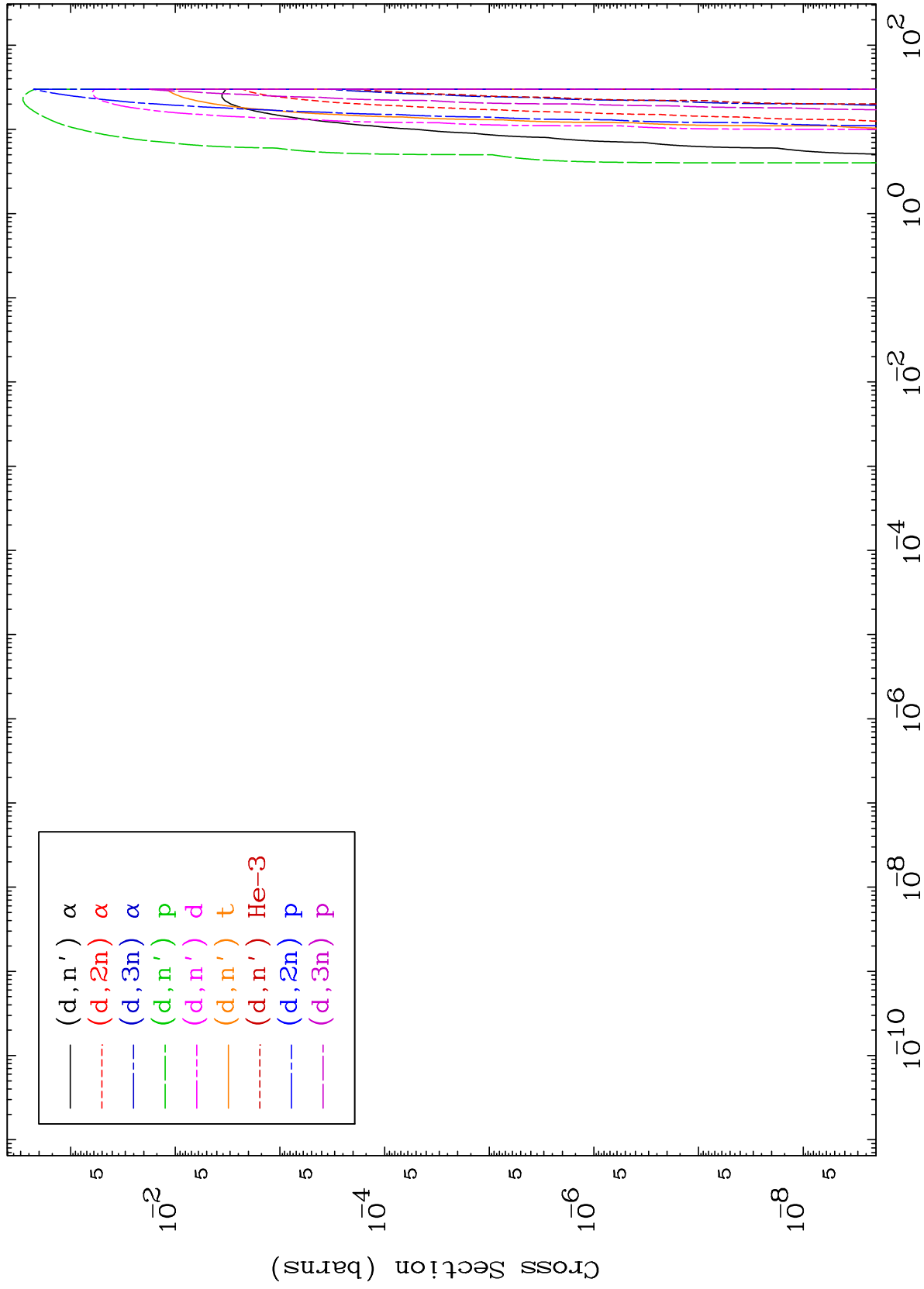
51-Sb-131



MAT 5155

Deuteron Charged Particle  
0 Kelvin Cross Sections

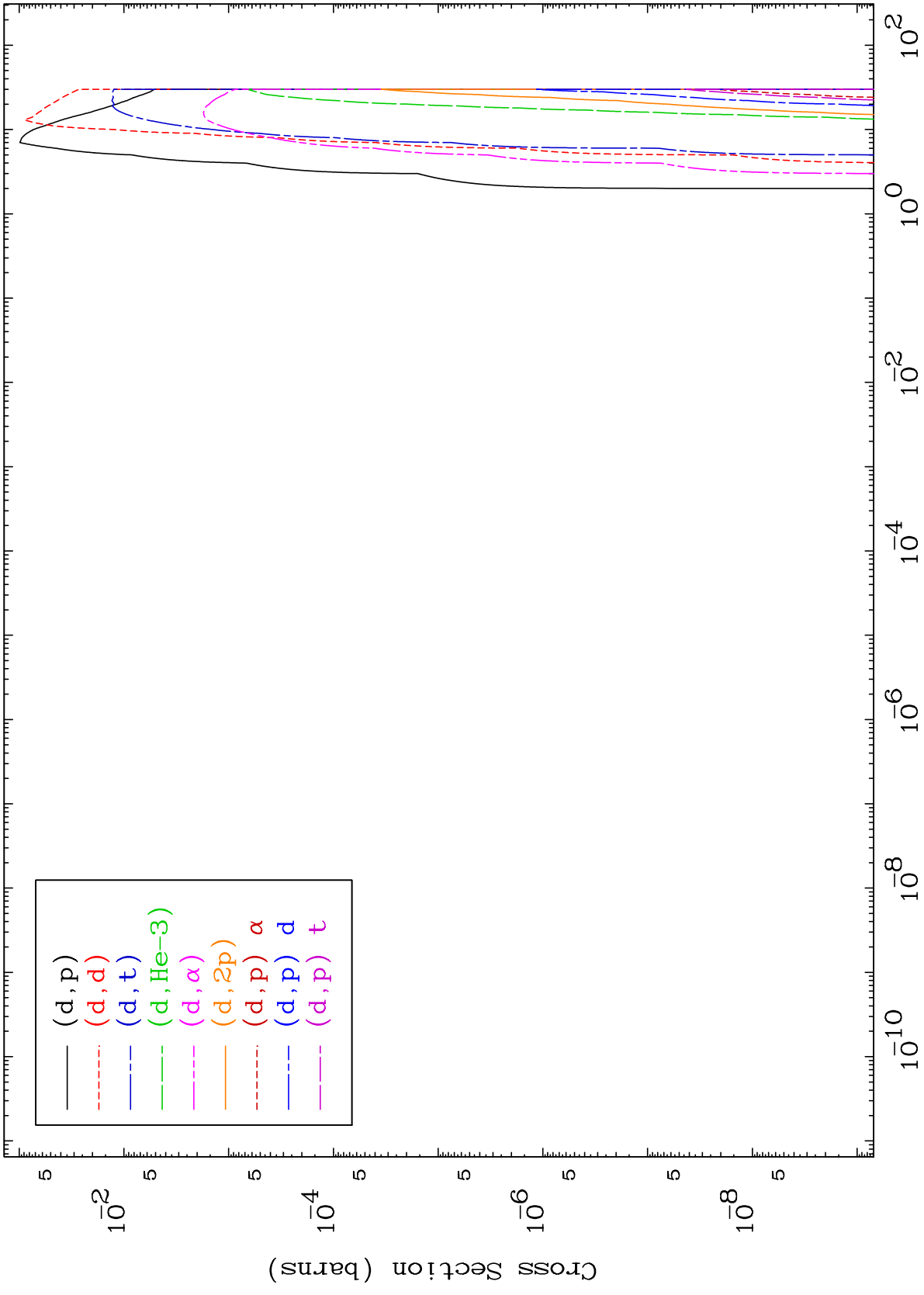
51-Sb-131



MAT 5155

Deuteron Charged Particle  
0 Kelvin Cross Sections

51-Sb-131



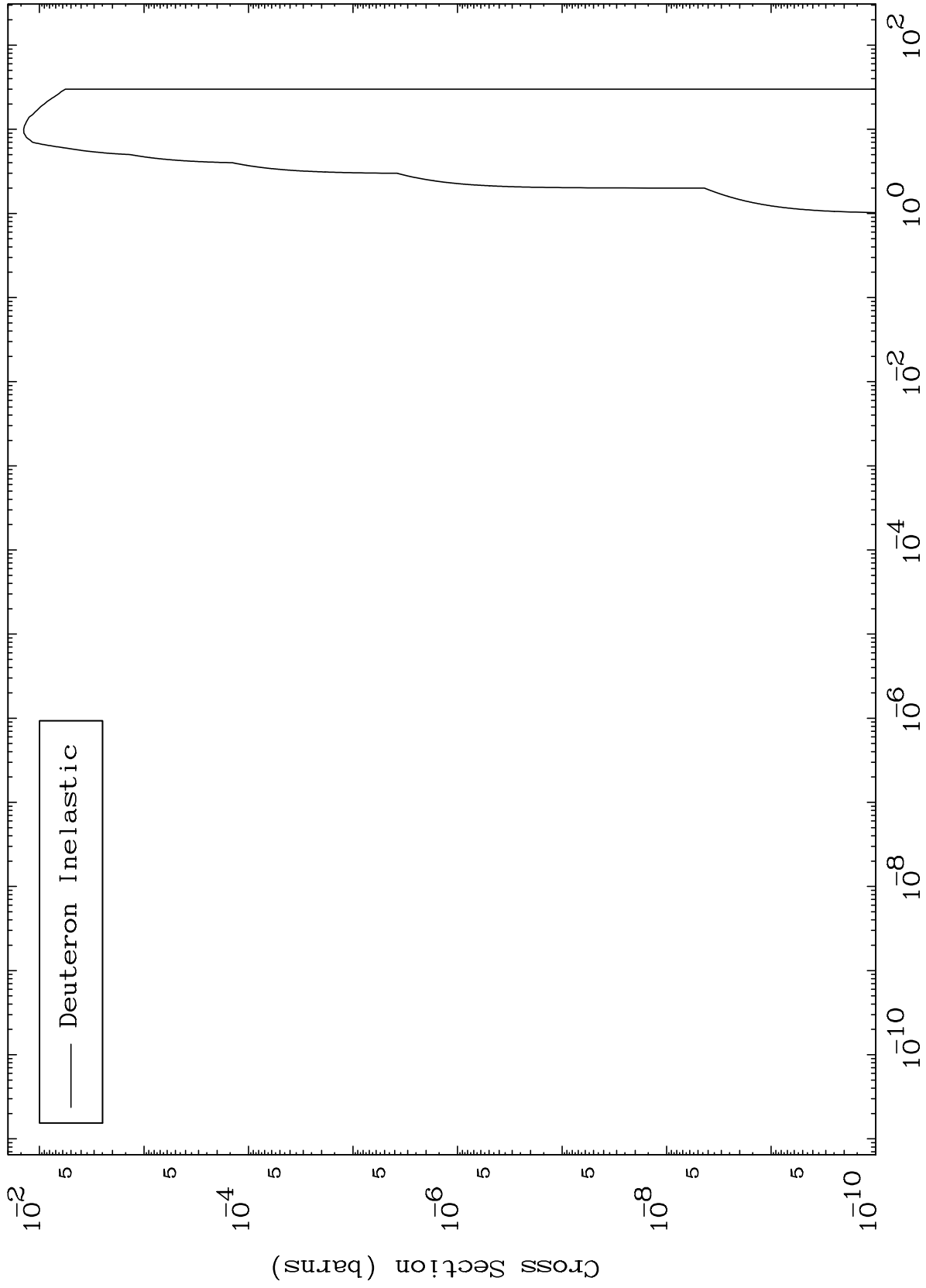
5

51-Sb-131

MAT 5155

(d,n') Level  
0 Kelvin Cross Sections

51-Sb-131



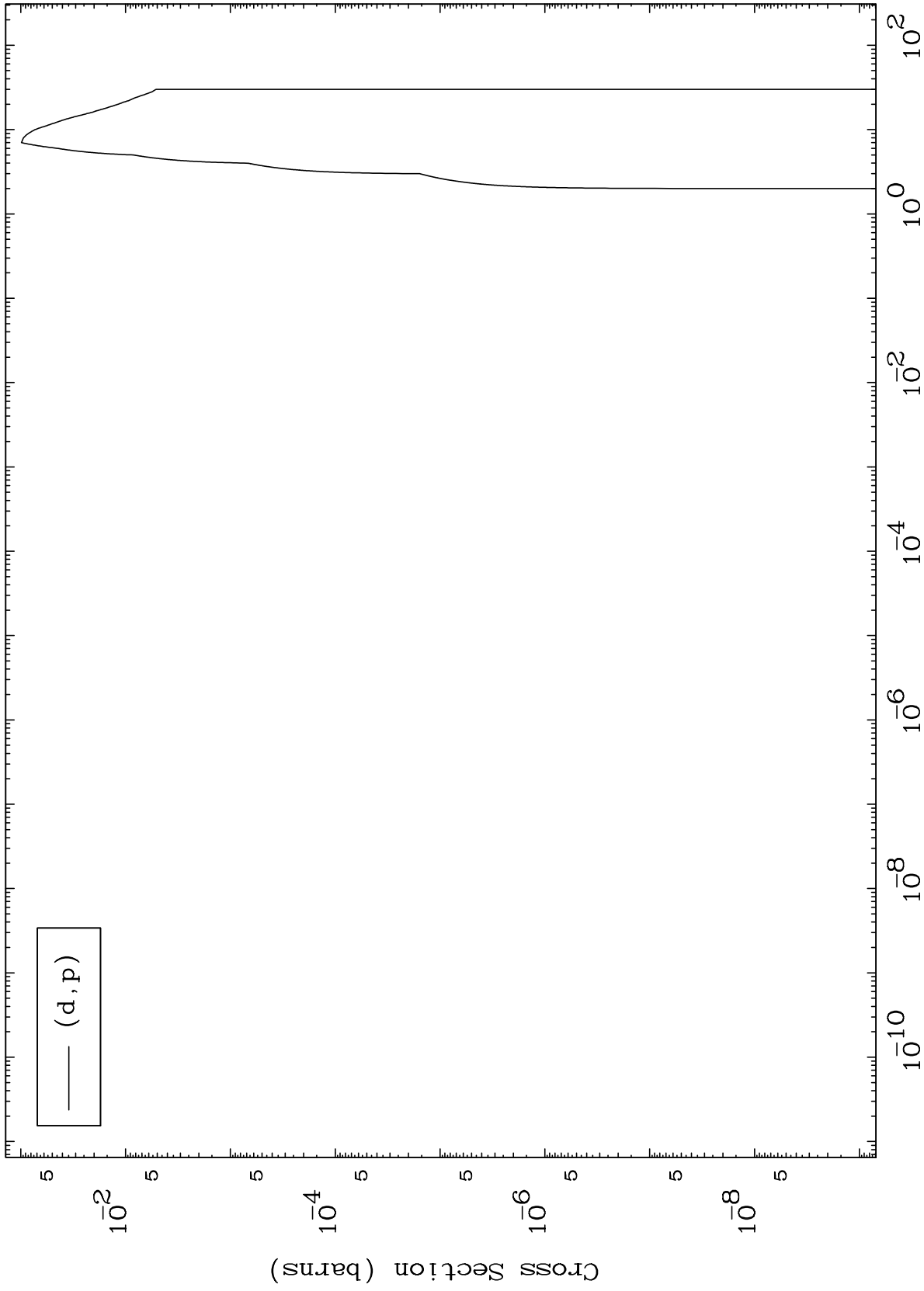
Deuteron Inelastic

51-Sb-131

MAT 5155

(d,p) Levels  
0 Kelvin Cross Sections

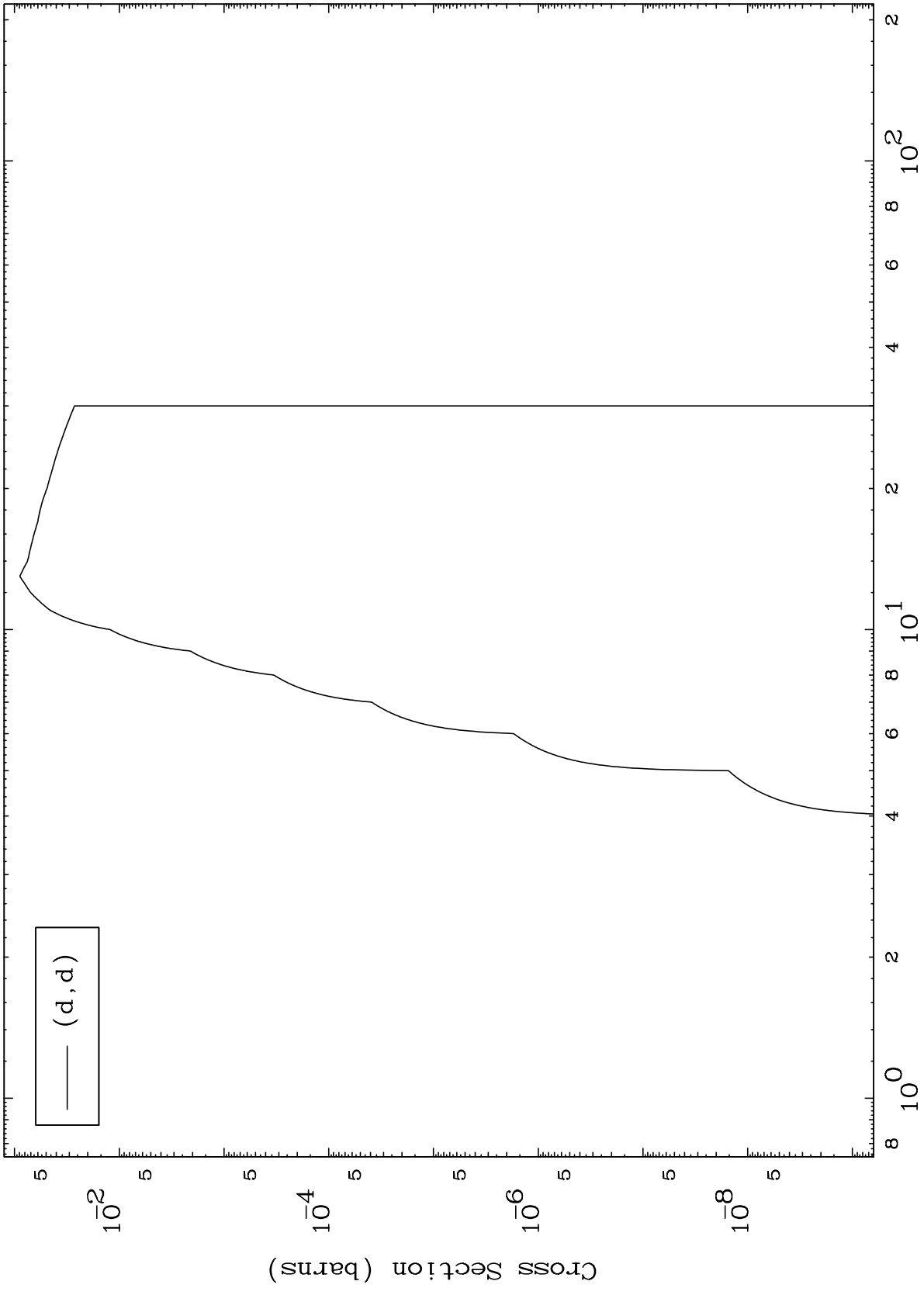
51-Sb-131



MAT 5155

(d,d) Levels  
0 Kelvin Cross Sections

51-Sb-131



51-Sb-131

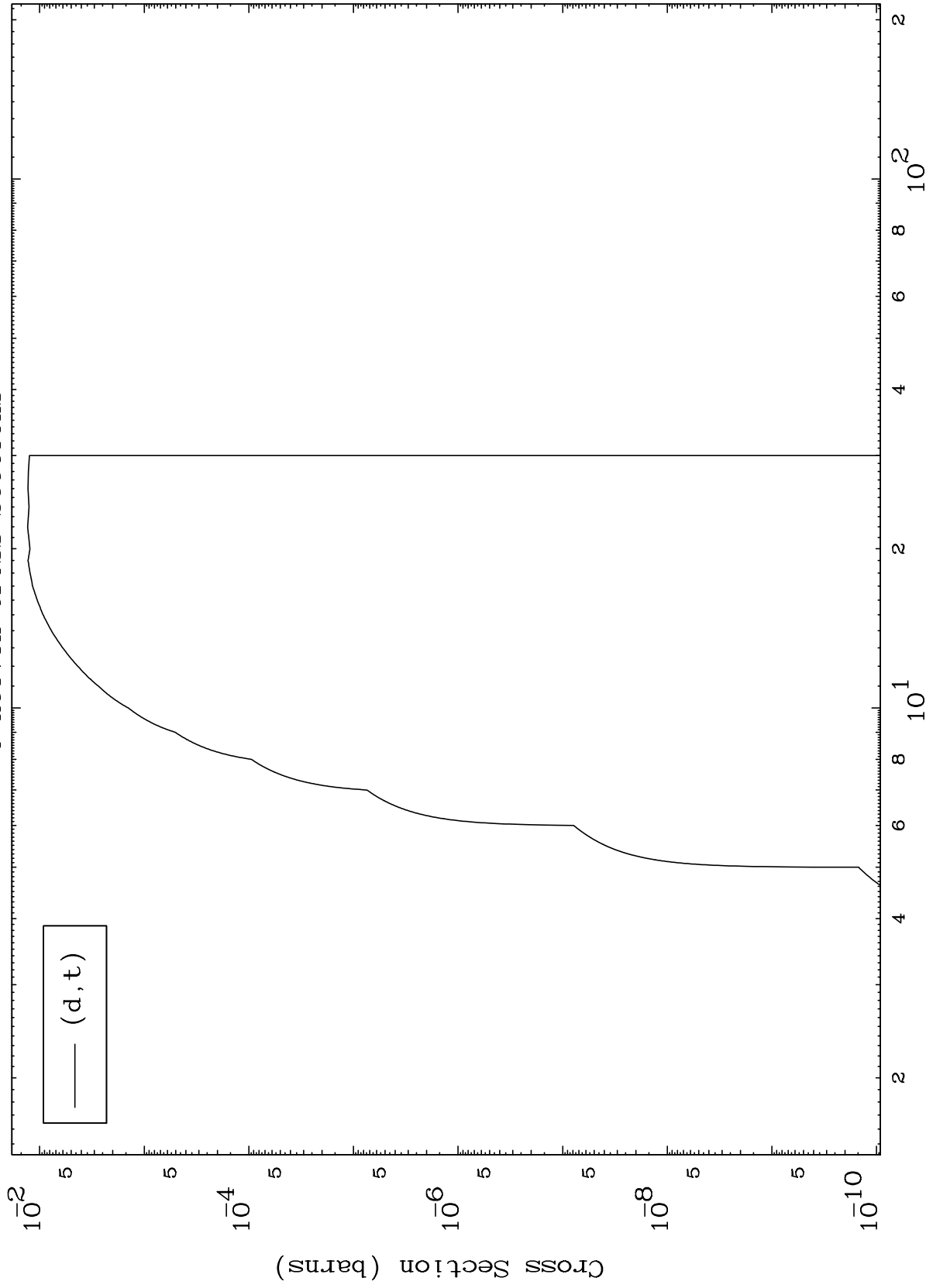
Incident Energy (MeV)

8

MAT 5155

(d,t) Levels  
0 Kelvin Cross Sections

51-Sb-131



9

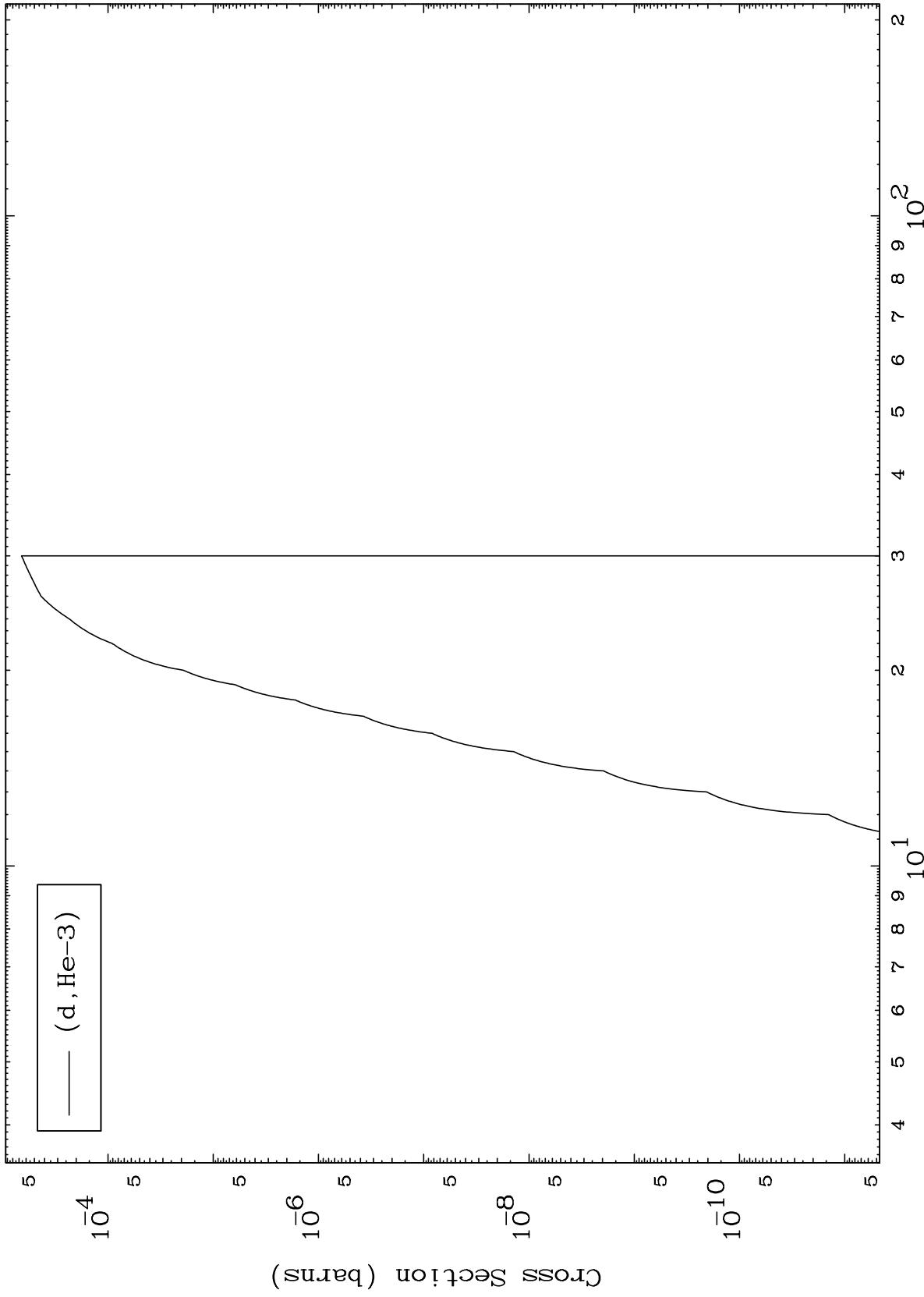
Incident Energy (MeV)

51-Sb-131

MAT 5155

(d,He3) Levels  
0 Kelvin Cross Sections

51-Sb-131



10

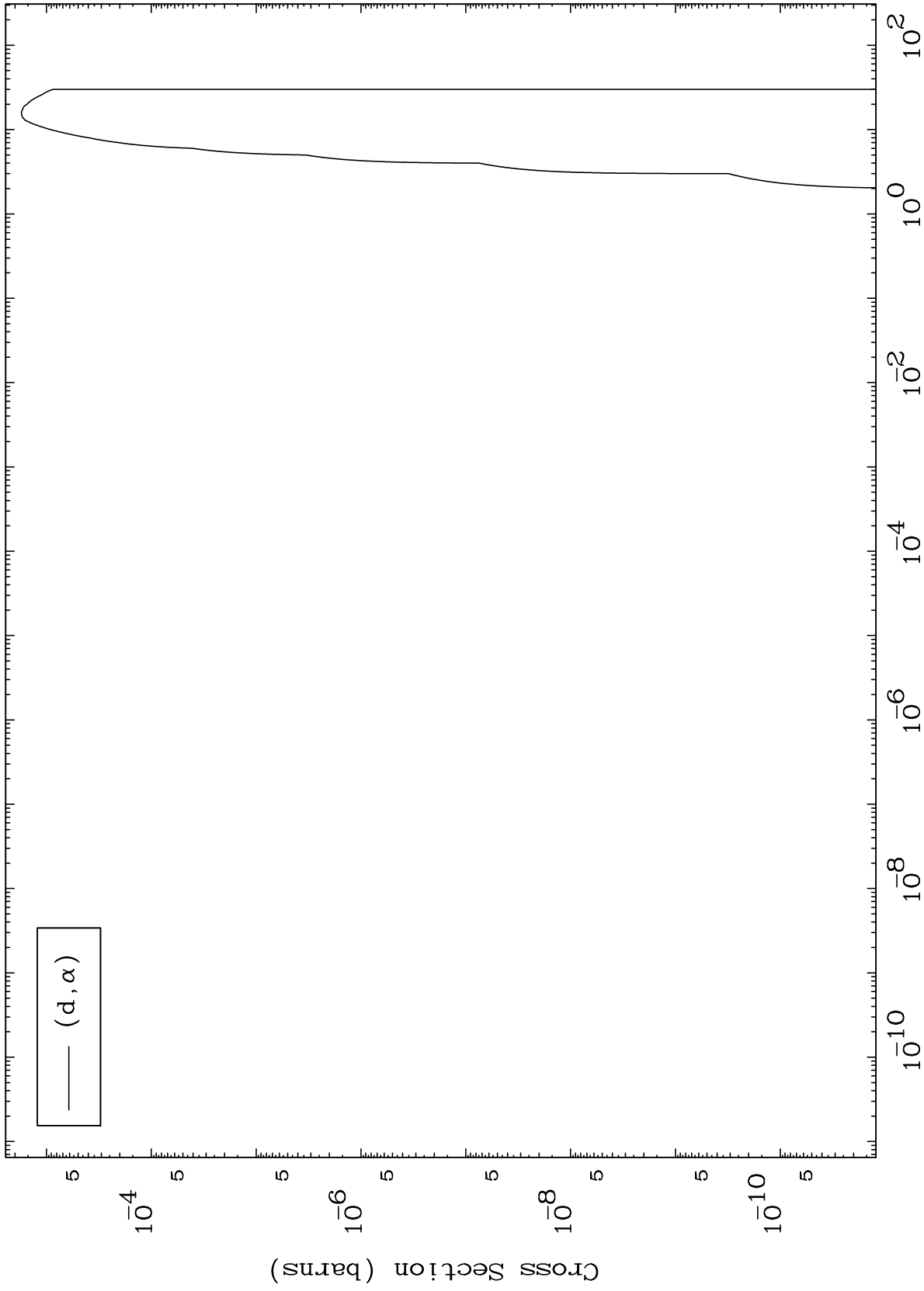
Incident Energy (MeV)

51-Sb-131

MAT 5155

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

51-Sb-131



11

Incident Energy (MeV)

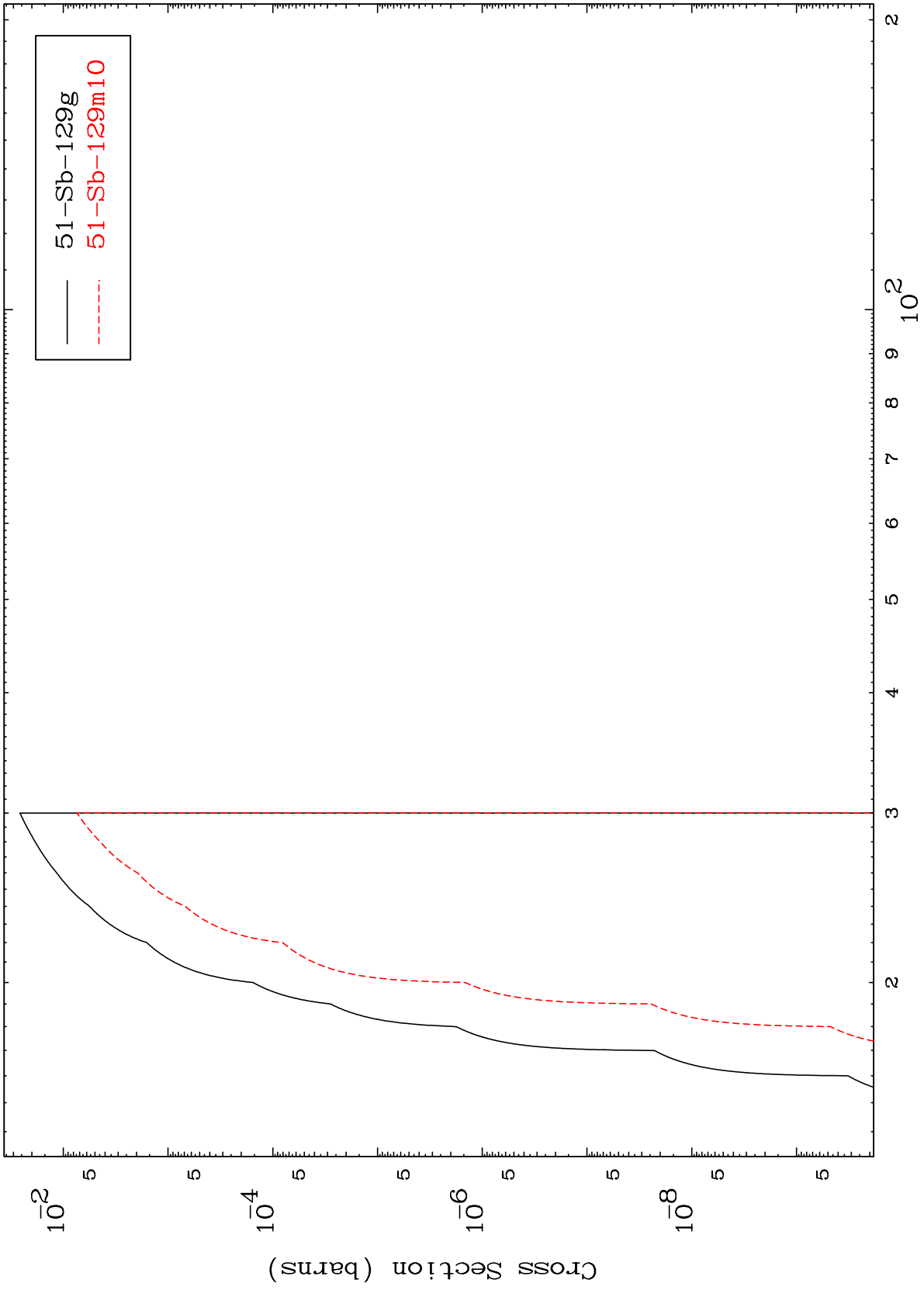
51-Sb-131

MAT 5155

(d,2n) d

51-Sb-131

Radionuclide Production Cross Section



12

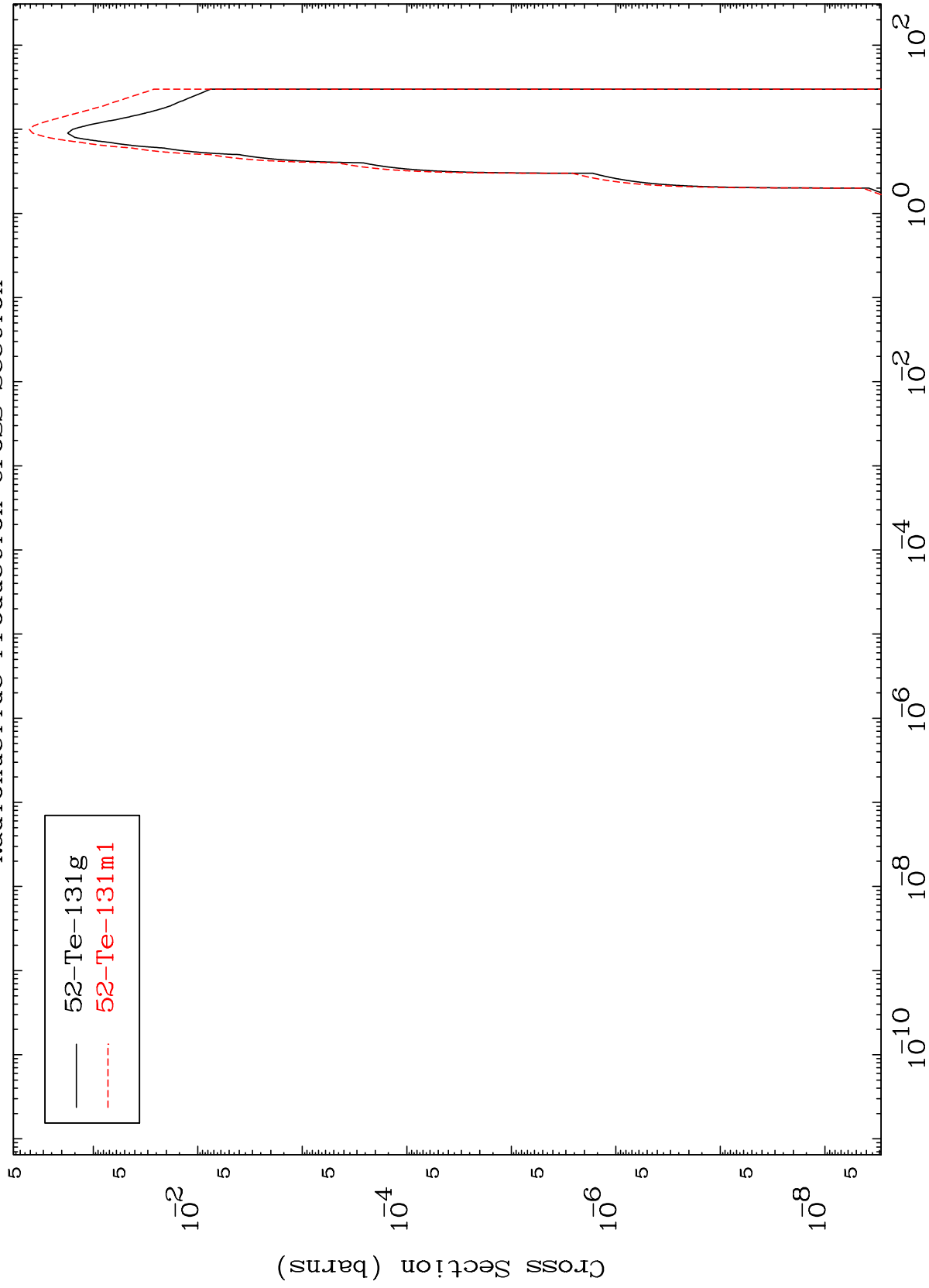
Incident Energy (MeV)

51-Sb-131

MAT 5155

Radionuclide Production Cross Section  
(d,2n)

51-Sb-131



13

Incident Energy (MeV)

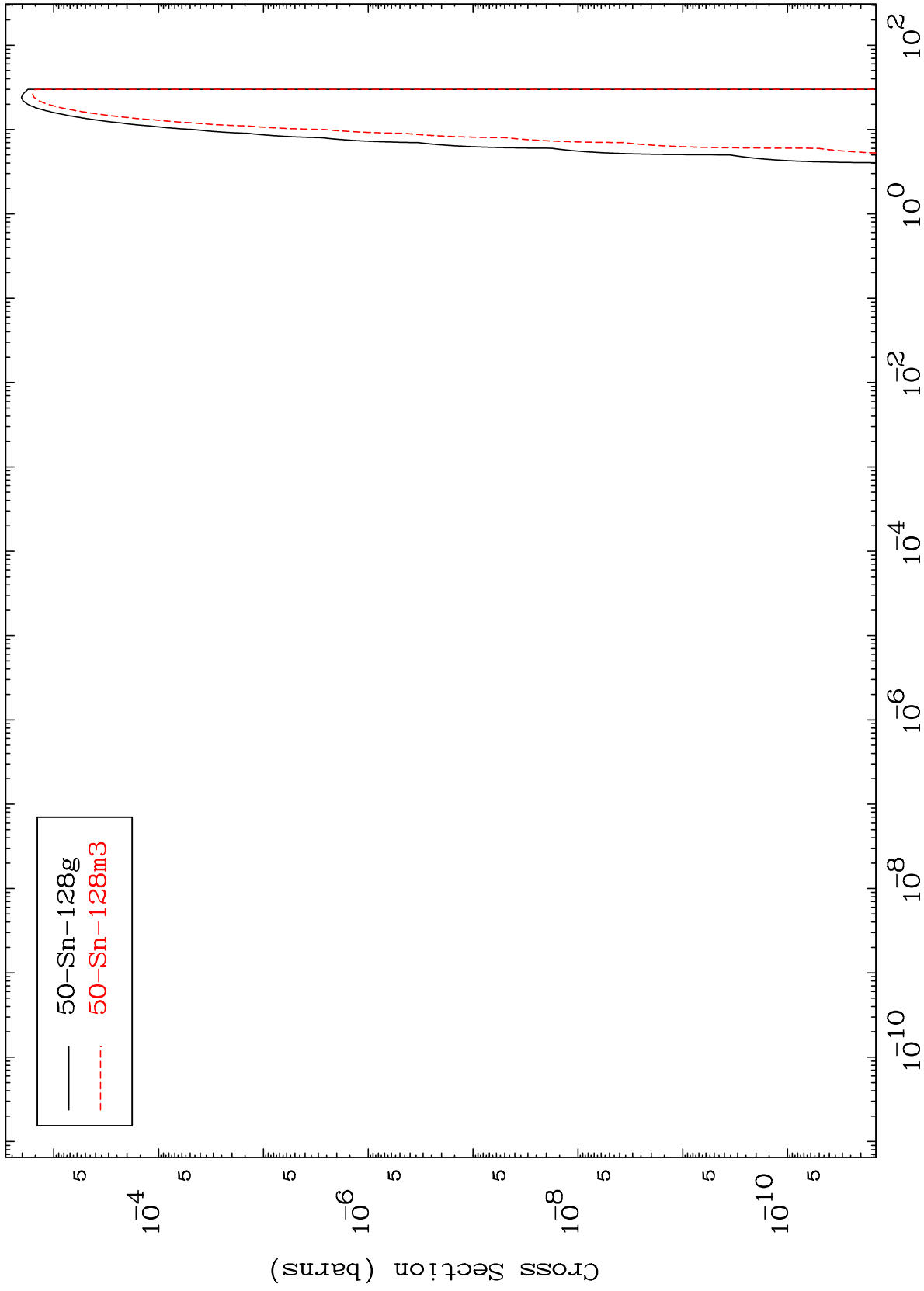
51-Sb-131

MAT 5155

(d,n')  $\alpha$

51-Sb-131

Radionuclide Production Cross Section



14

Incident Energy (MeV)

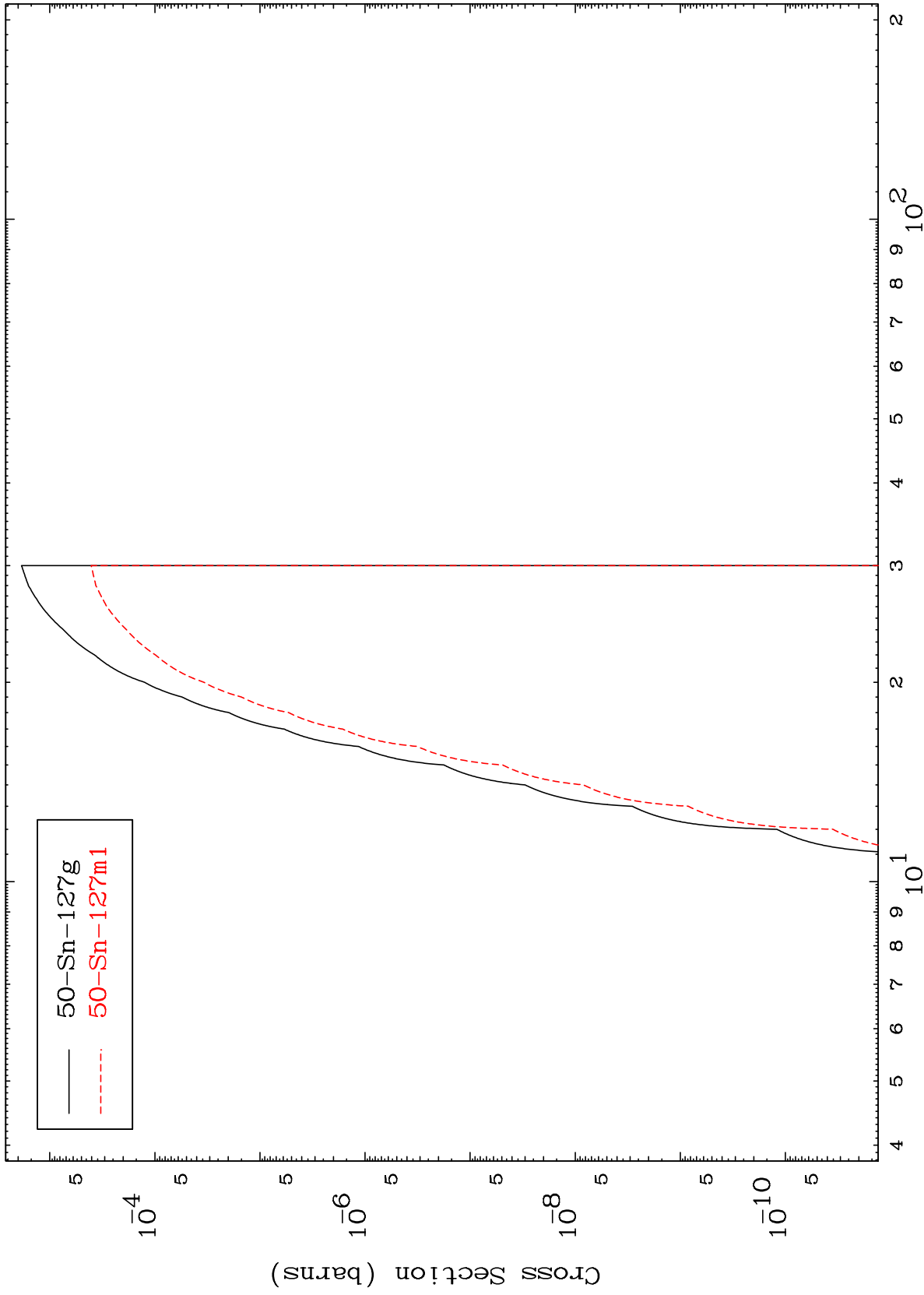
51-Sb-131

MAT 5155

(d,2n)  $\alpha$

51-Sb-131

Radionuclide Production Cross Section



15

Incident Energy (MeV)

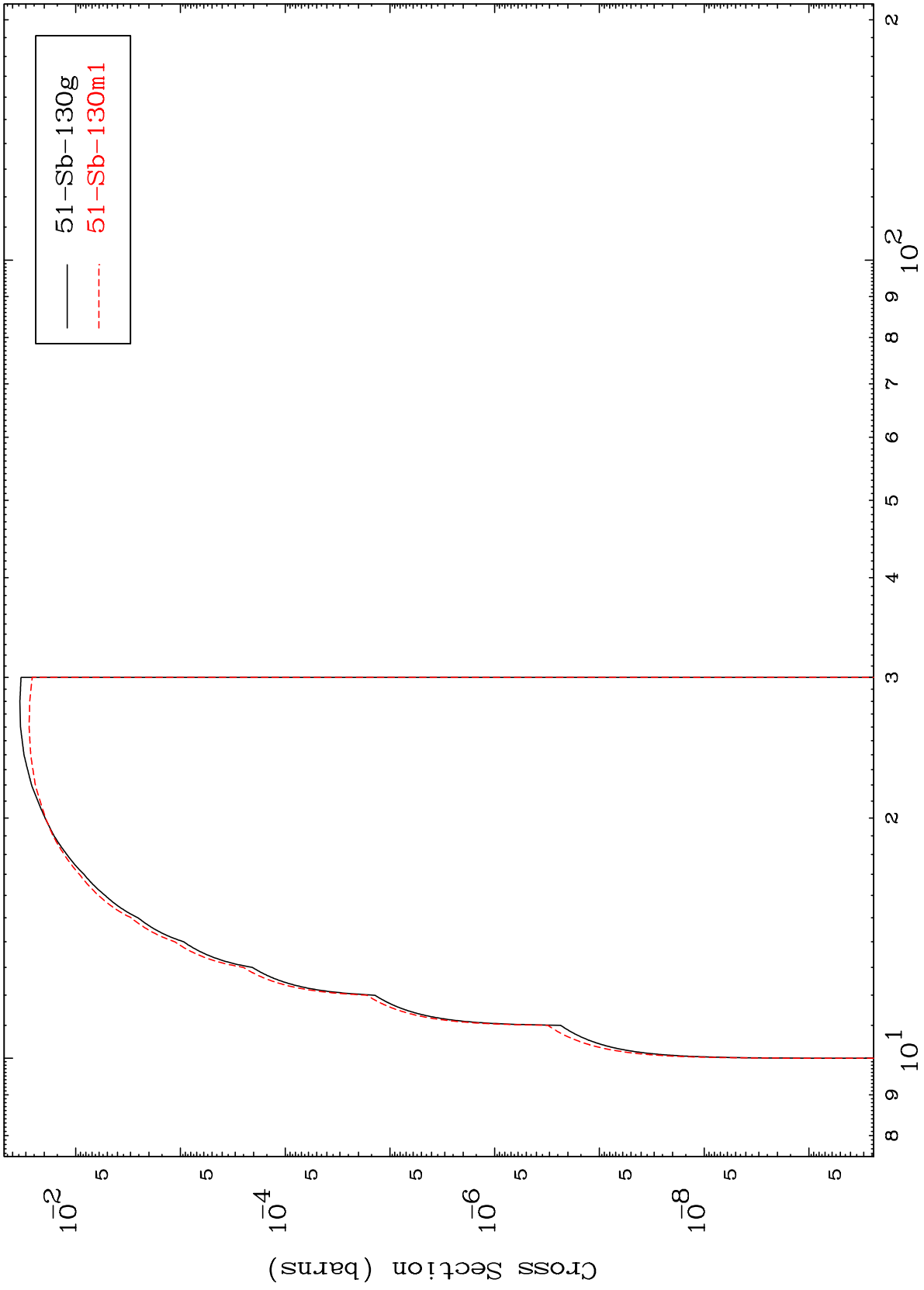
51-Sb-131

MAT 5155

(d,n') d

51-Sb-131

Radionuclide Production Cross Section



16

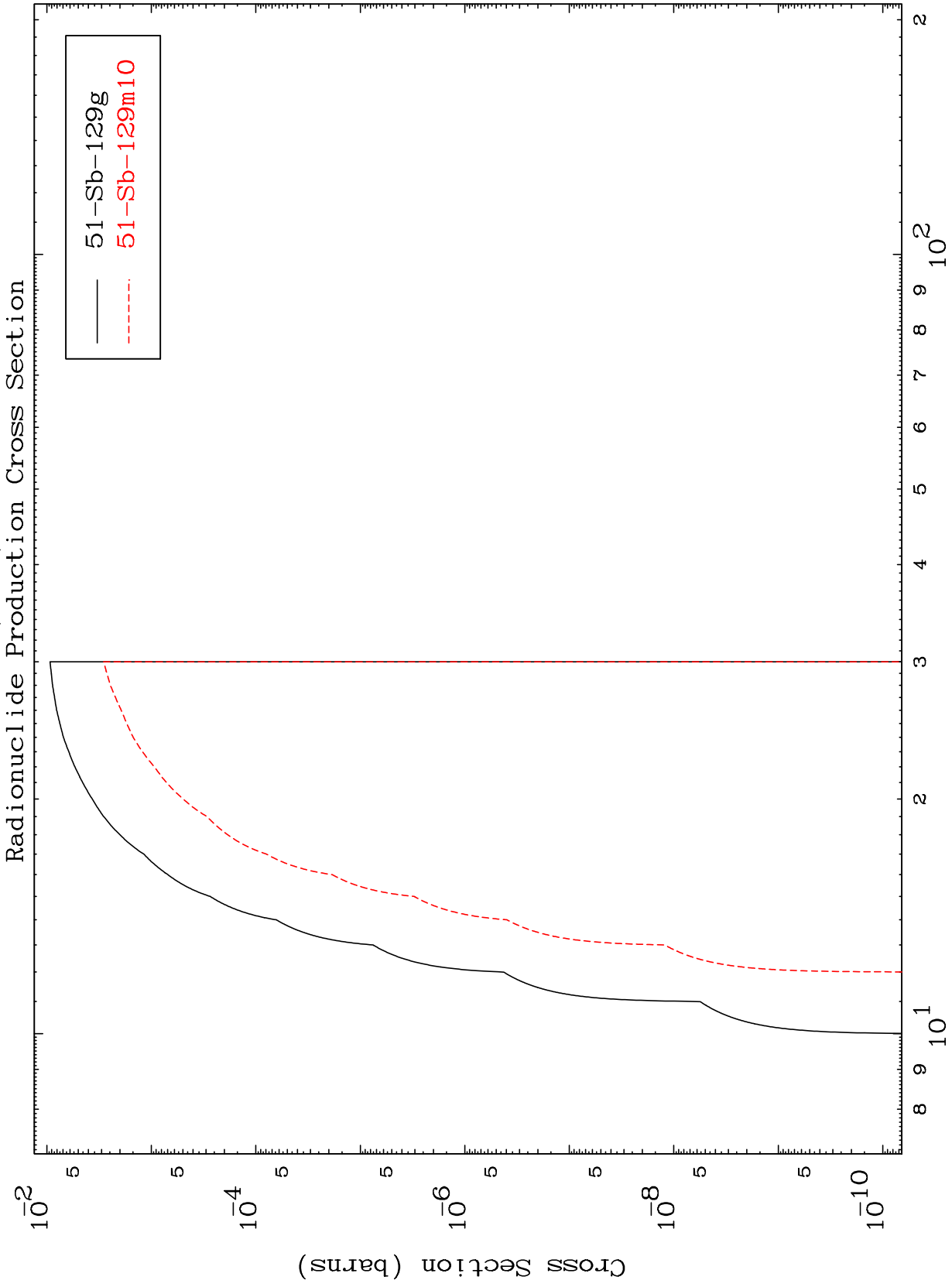
Incident Energy (MeV)

51-Sb-131

MAT 5155

(d,n') t

51-Sb-131



17

Incident Energy (MeV)

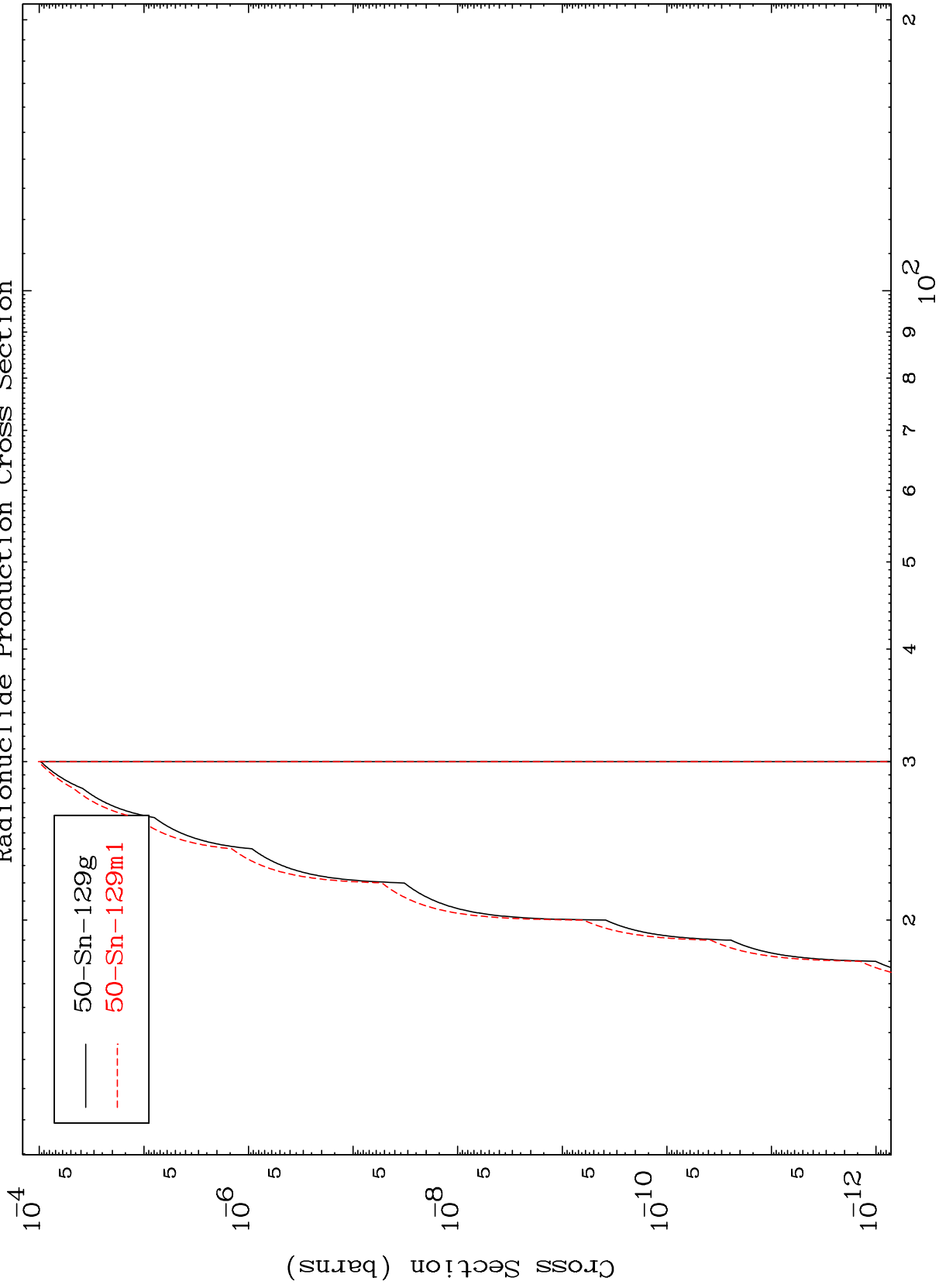
51-Sb-131

MAT 5155

(d,n') He-3

51-Sb-131

Radionuclide Production Cross Section



18

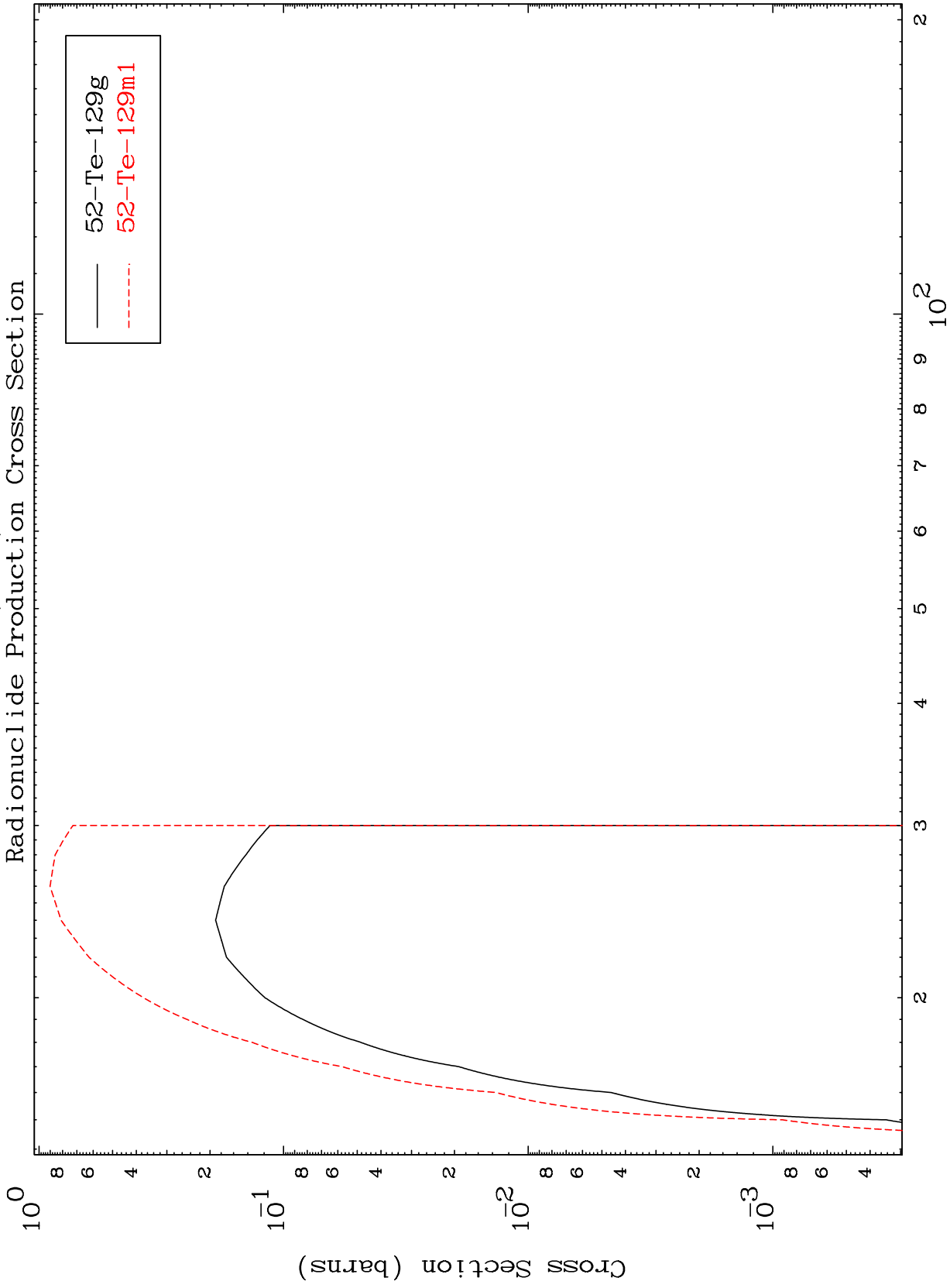
Incident Energy (MeV)

51-Sb-131

MAT 5155

51-Sb-131

(d,4n)  
Radionuclide Production Cross Section



19

Incident Energy (MeV)

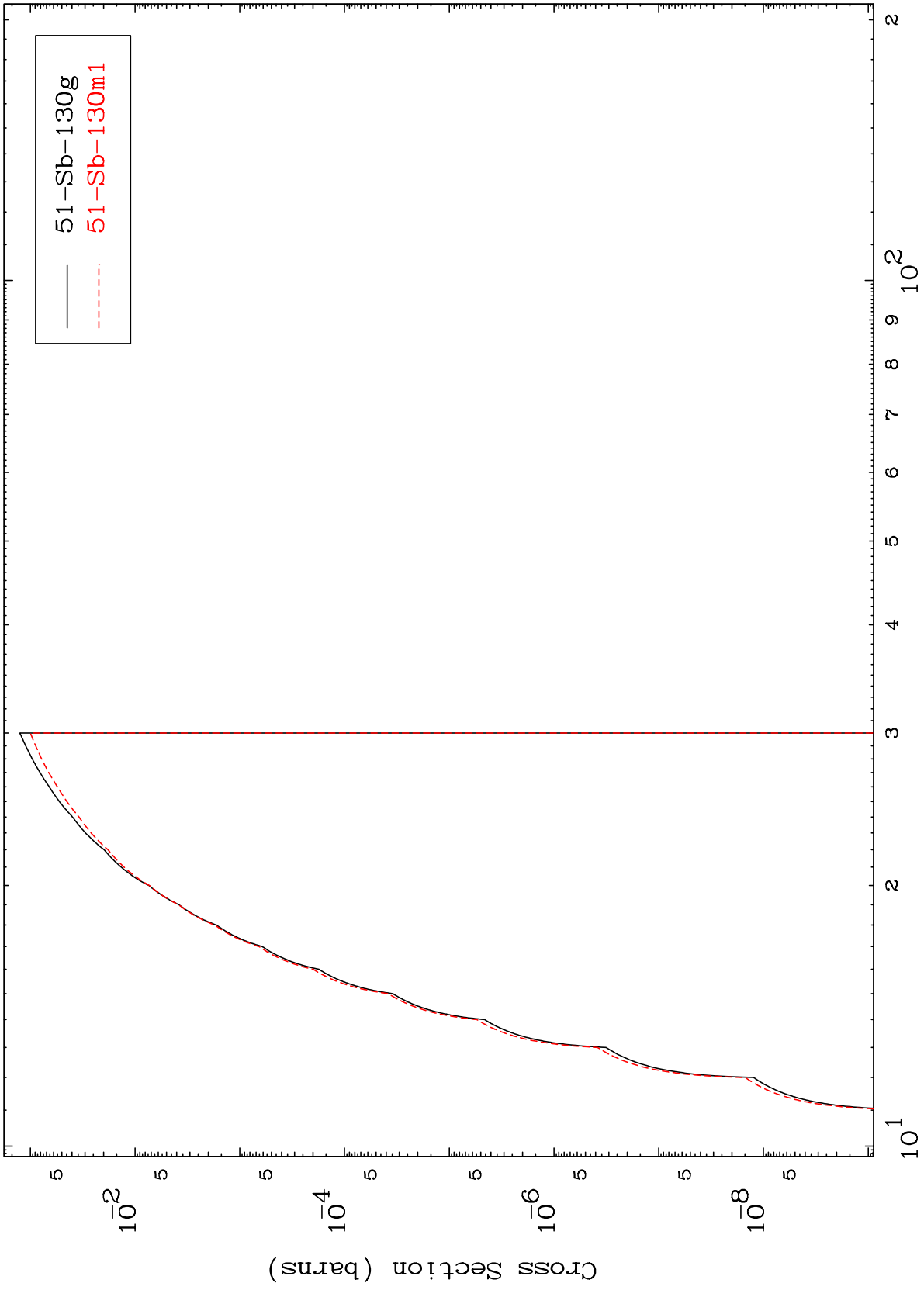
51-Sb-131

MAT 5155

(d,2n) p

51-Sb-131

Radionuclide Production Cross Section



51-Sb-131

Incident Energy (MeV)

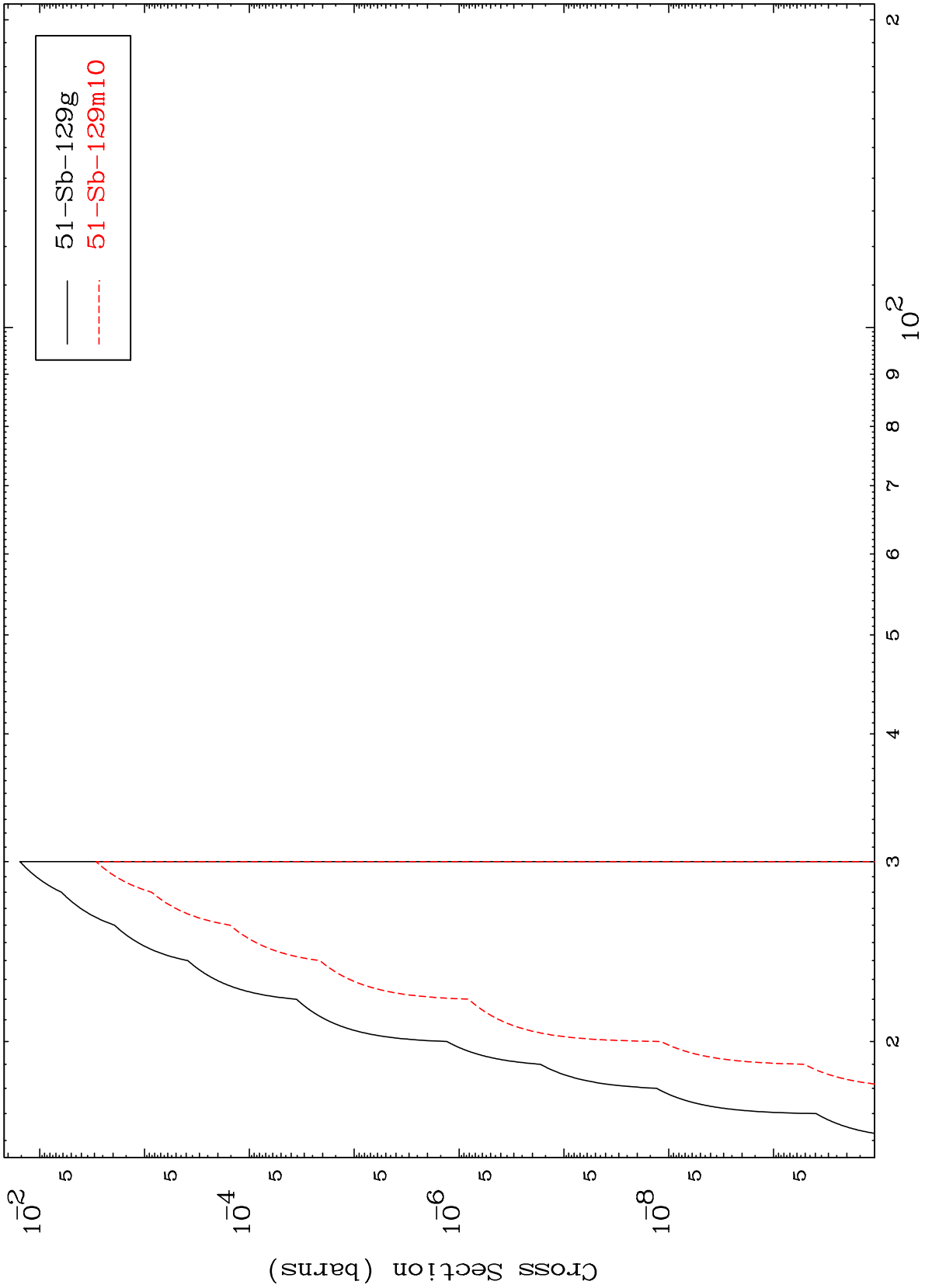
20

MAT 5155

(d,3n) p

51-Sb-131

Radionuclide Production Cross Section



21

Incident Energy (MeV)

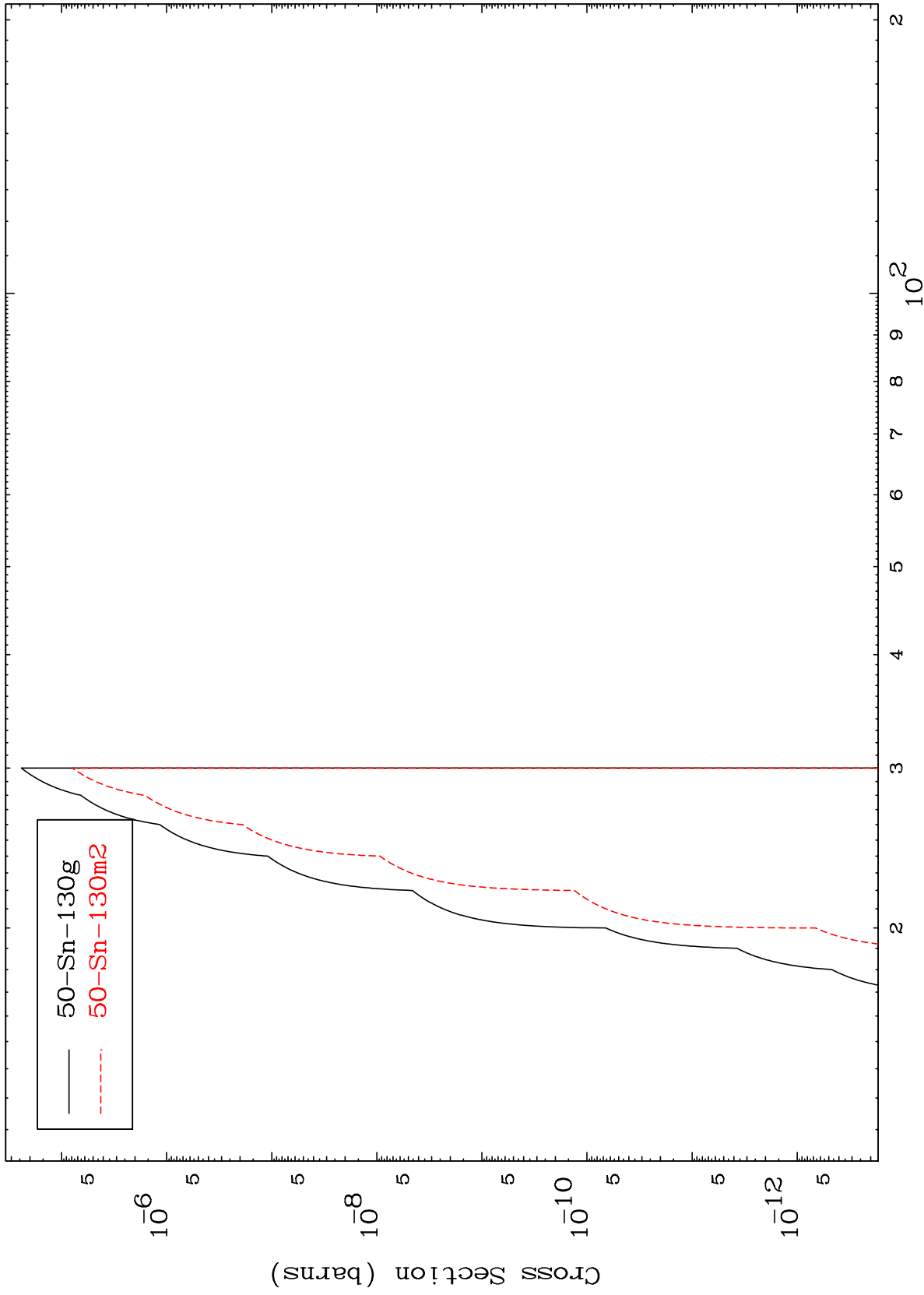
51-Sb-131

MAT 5155

(d,2n) p

51-Sb-131

Radionuclide Production Cross Section



22

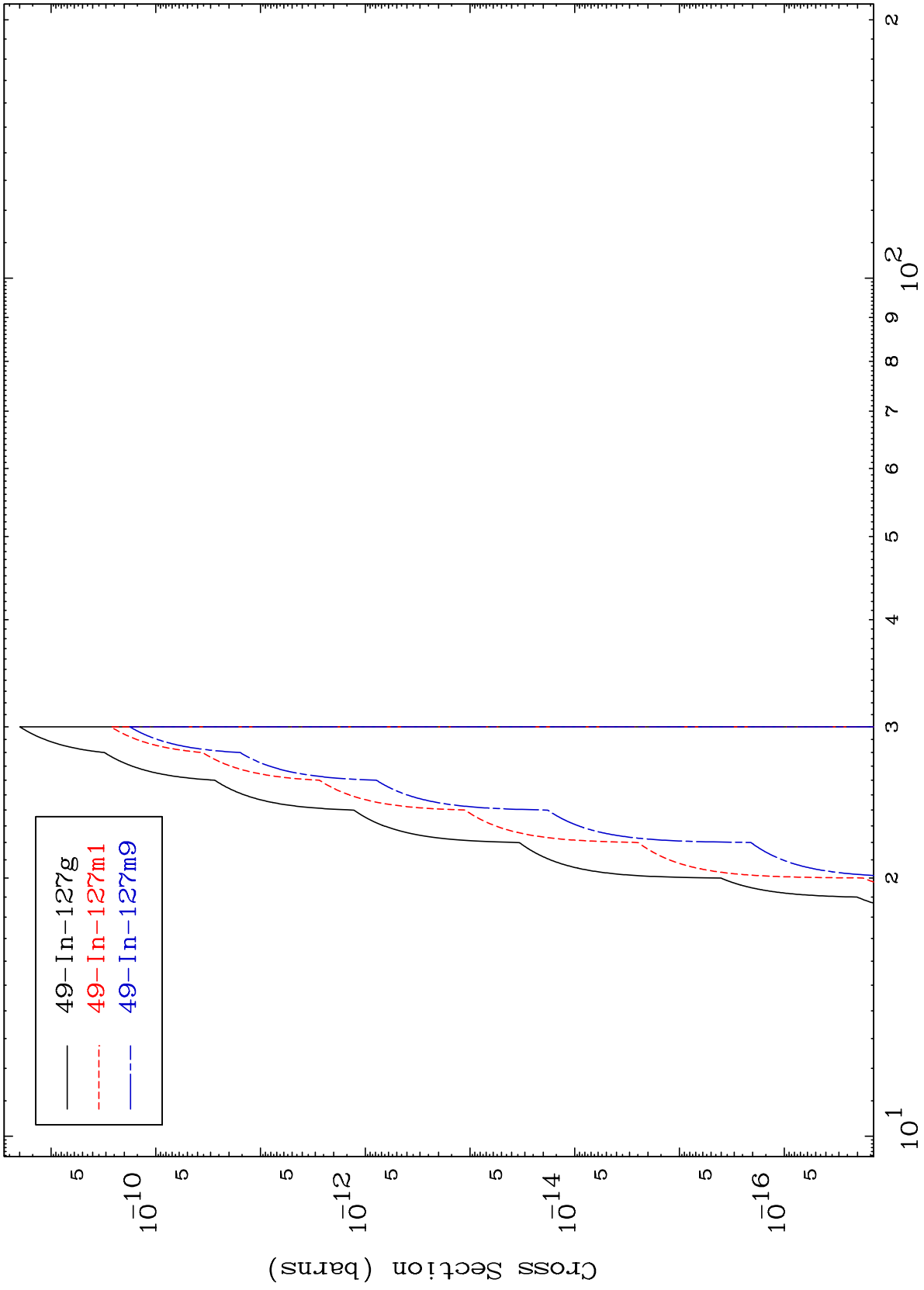
Incident Energy (MeV)

51-Sb-131

MAT 5155

51-Sb-131

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



23

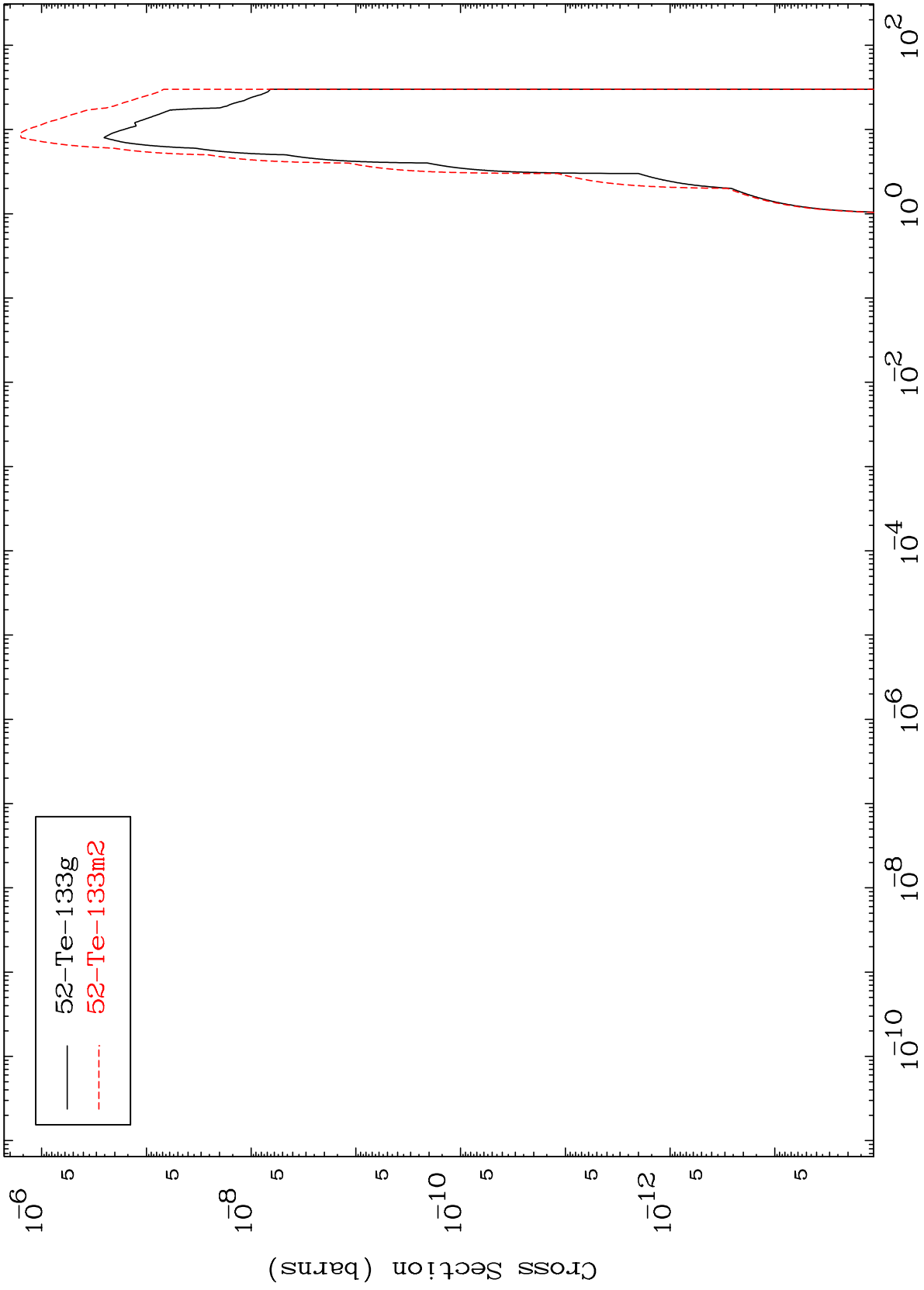
Incident Energy (MeV)

51-Sb-131

MAT 5155

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

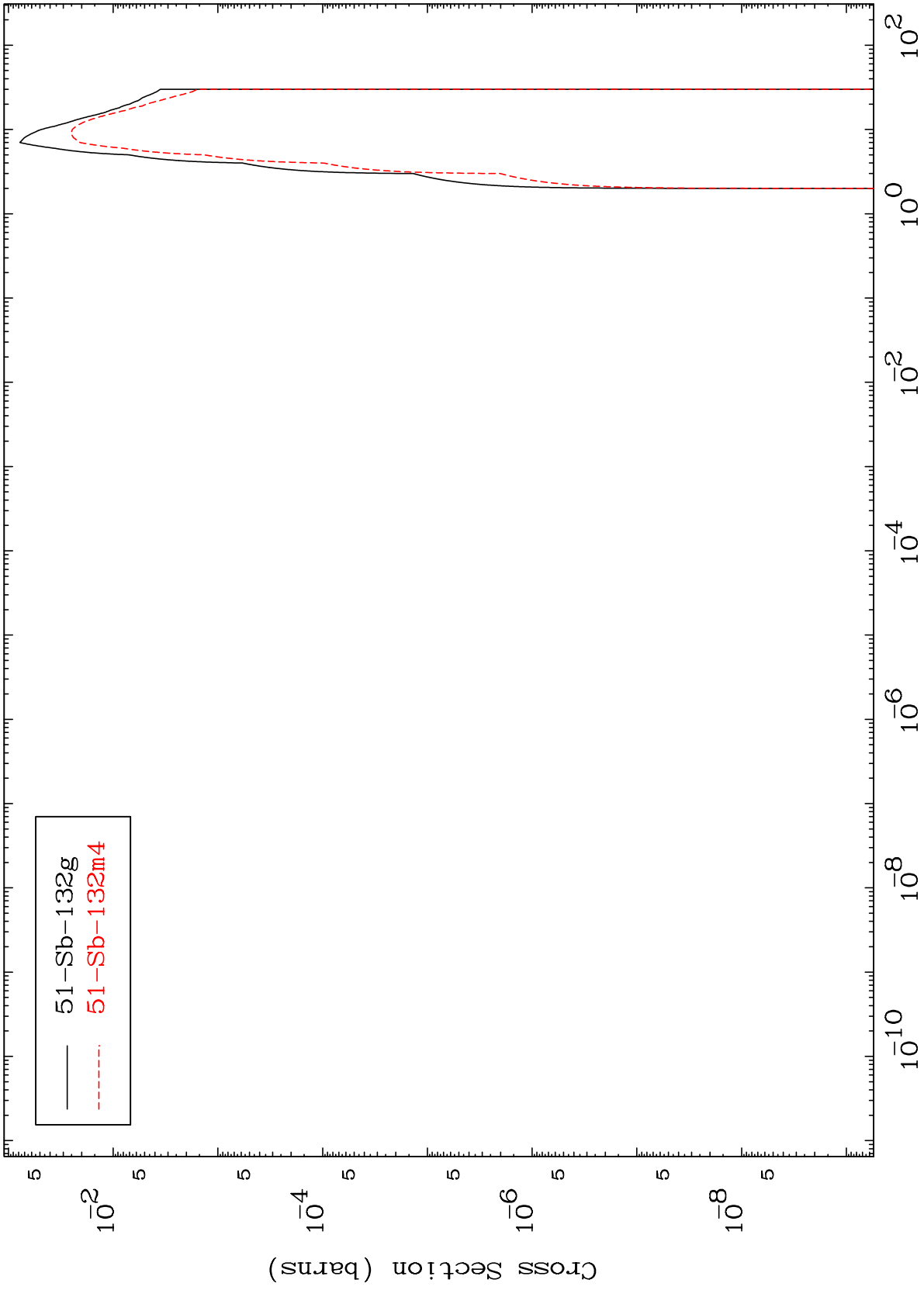
51-Sb-131



MAT 5155

(d,p)  
Radionuclide Production Cross Section

51-Sb-131



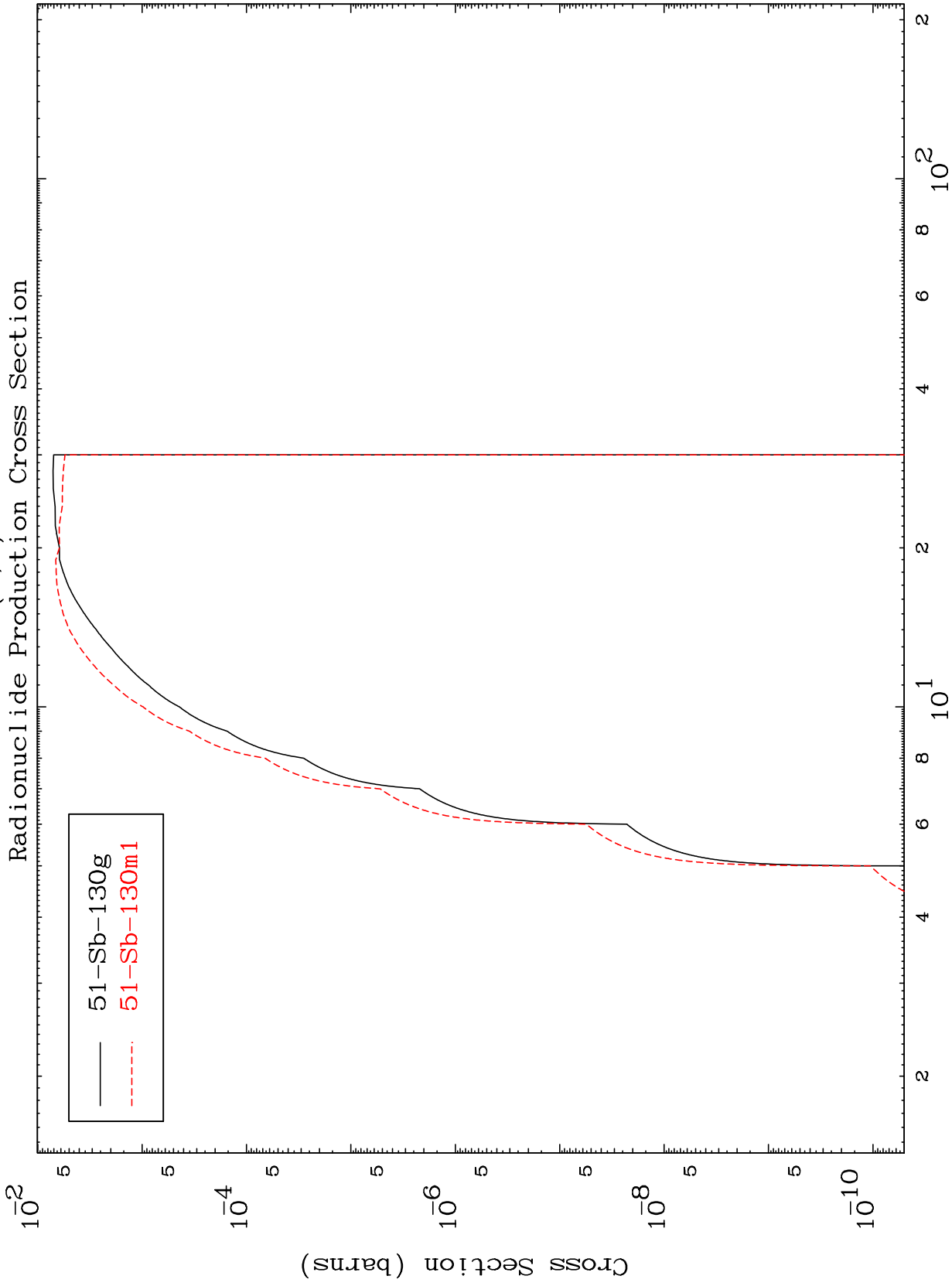
25

Incident Energy (MeV)

51-Sb-131

MAT 5155

51-Sb-131



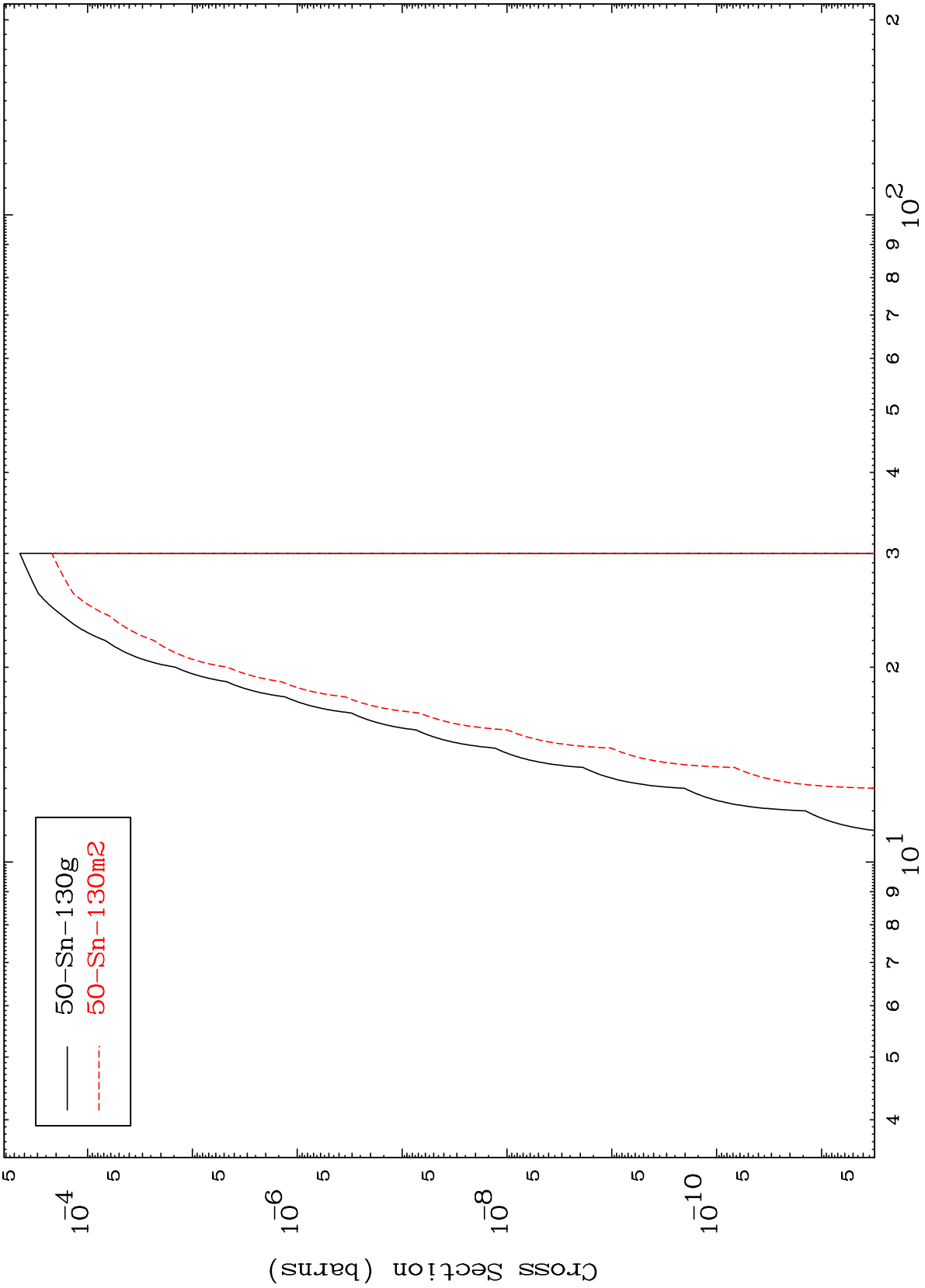
51-Sb-130g  
51-Sb-130m1

MAT 5155

(d, He-3)

51-Sb-131

Radionuclide Production Cross Section



27

Incident Energy (MeV)

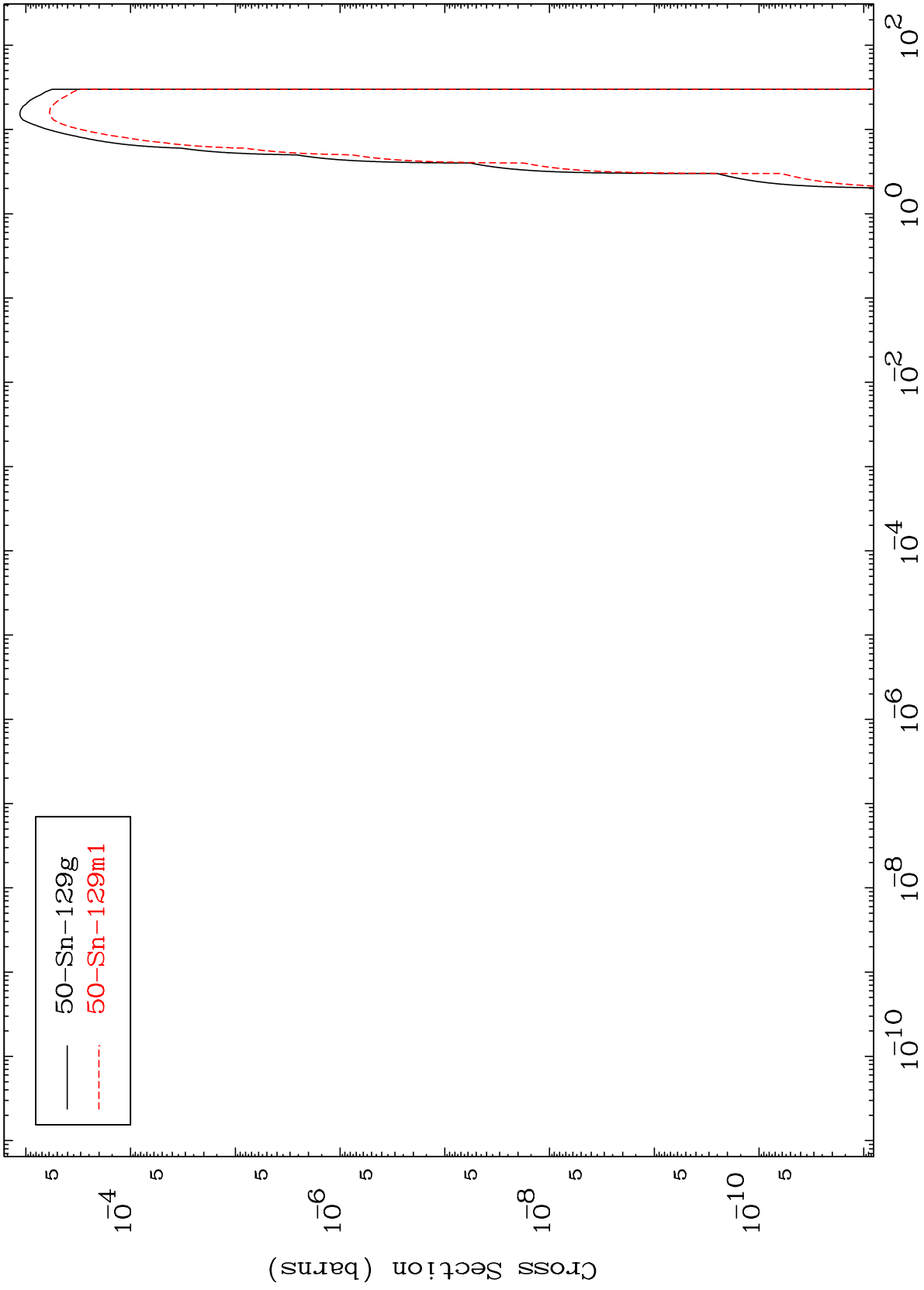
51-Sb-131

MAT 5155

(d,  $\alpha$ )

51-Sb-131

Radionuclide Production Cross Section

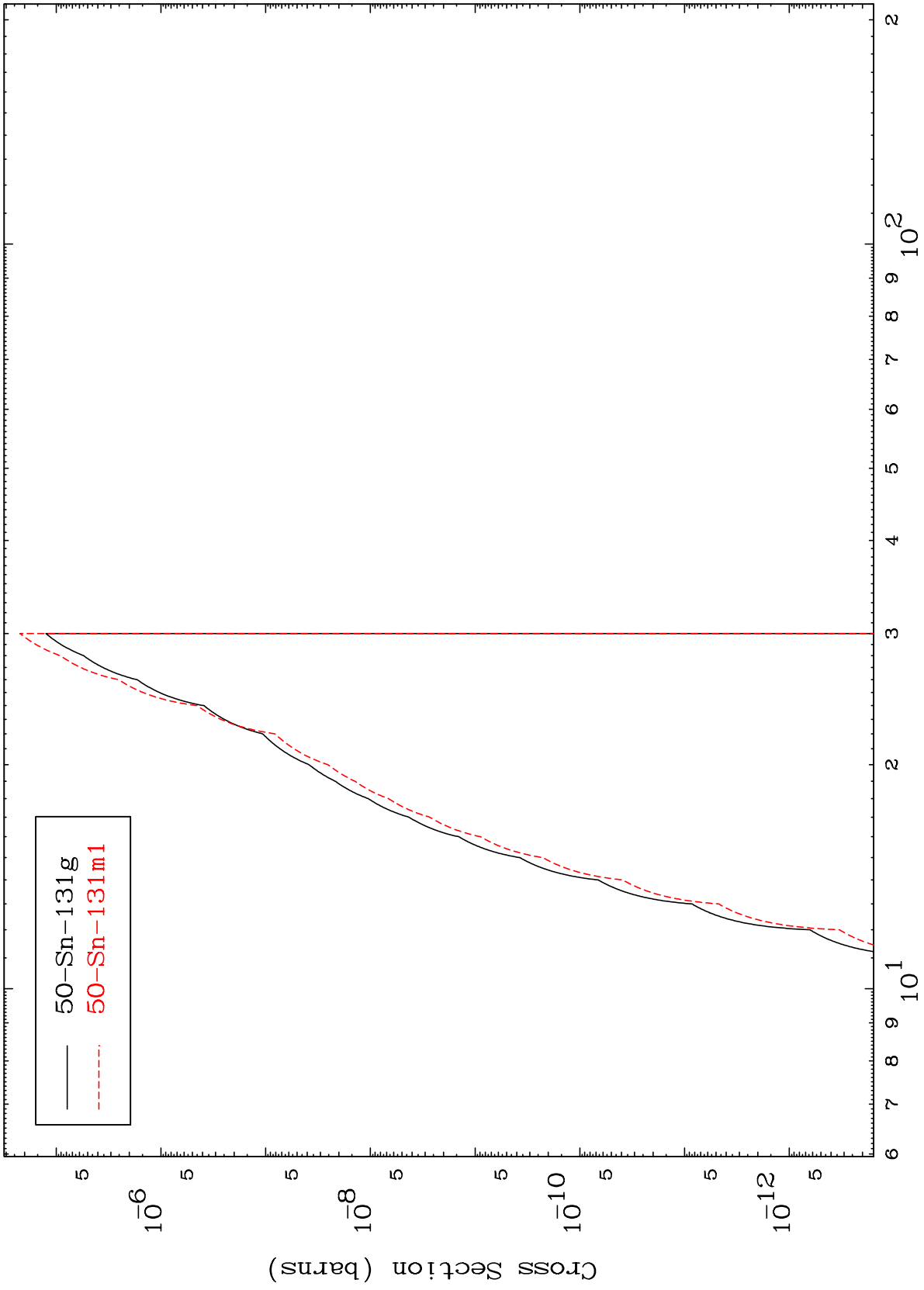


51-Sb-131

MAT 5155

51-Sb-131

Radionuclide Production Cross Section (d,2p)



29

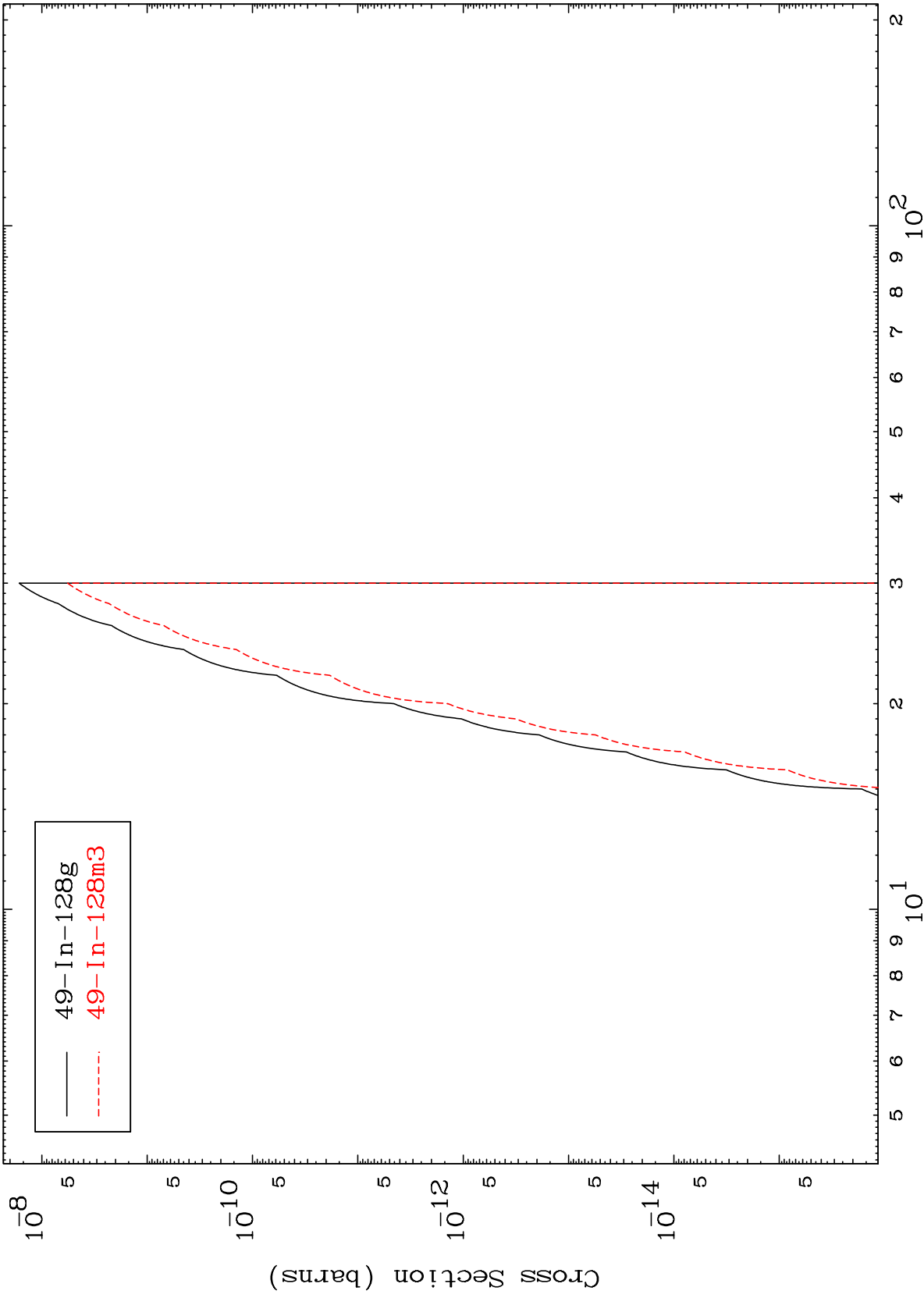
51-Sb-131

MAT 5155

(d,p)  $\alpha$

51-Sb-131

Radionuclide Production Cross Section



30

Incident Energy (MeV)

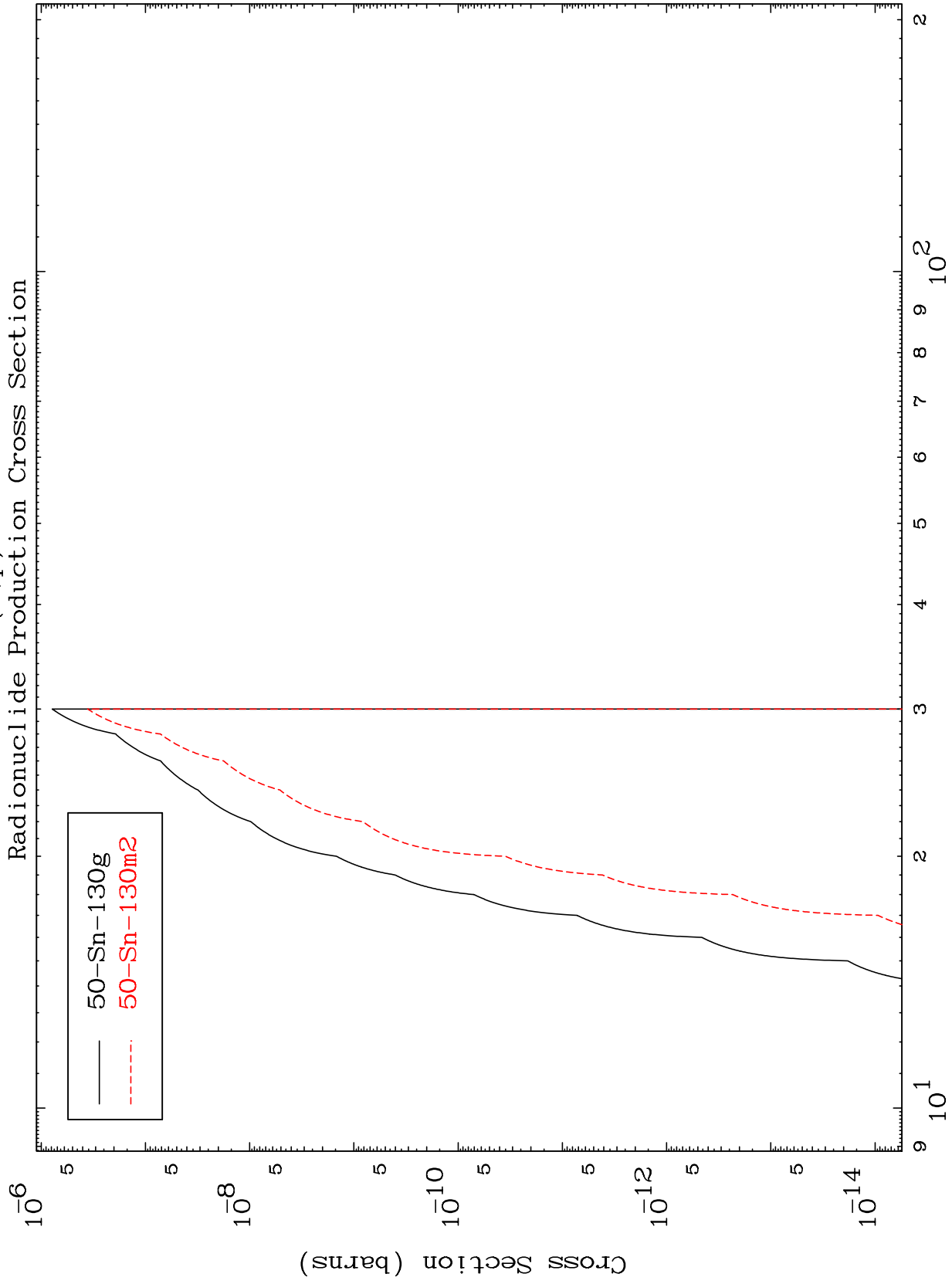
51-Sb-131

MAT 5155

(d,p) d

51-Sb-131

Radionuclide Production Cross Section



31

Incident Energy (MeV)

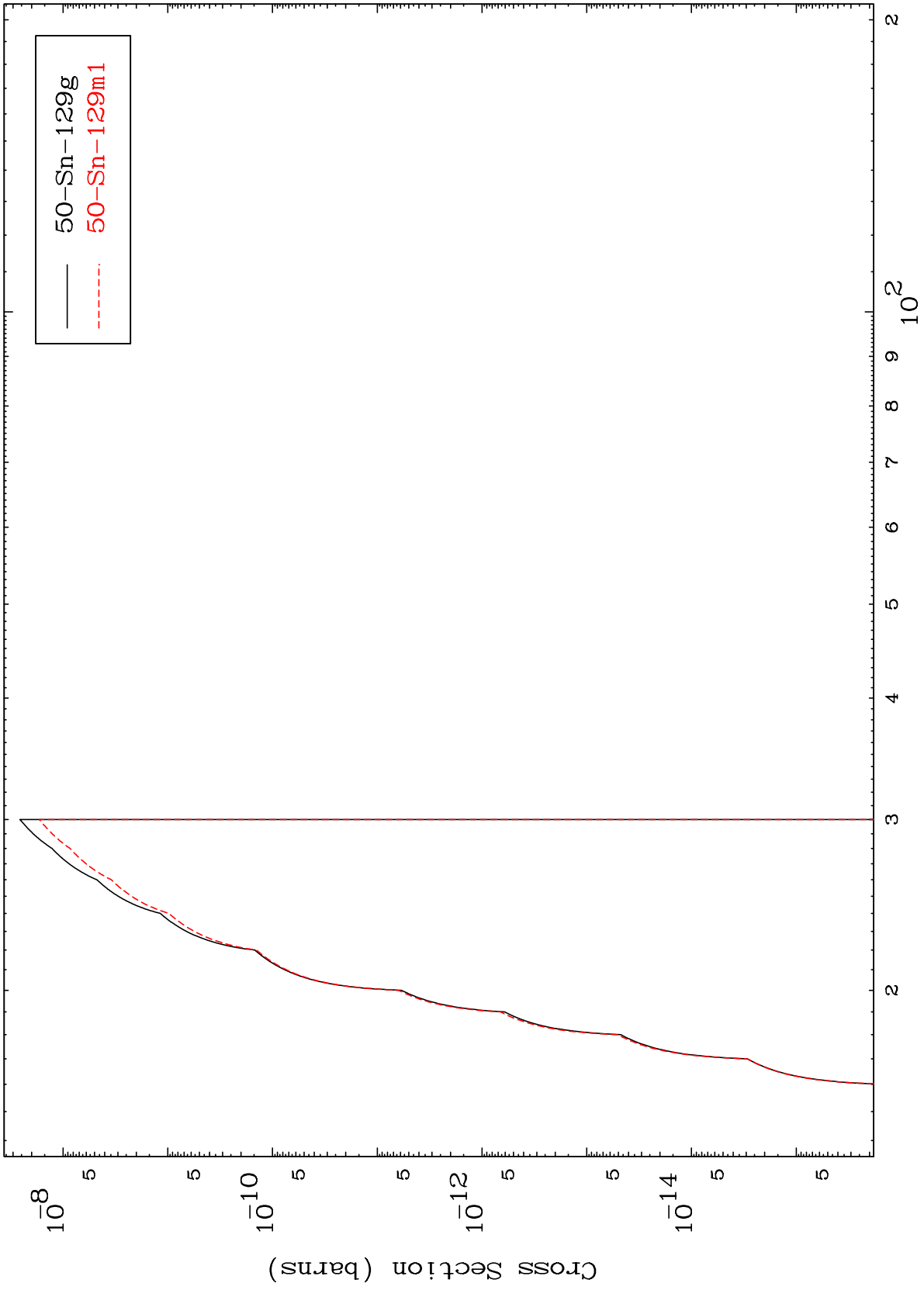
51-Sb-131

MAT 5155

(d,p) t

51-Sb-131

Radionuclide Production Cross Section



32

Incident Energy (MeV)

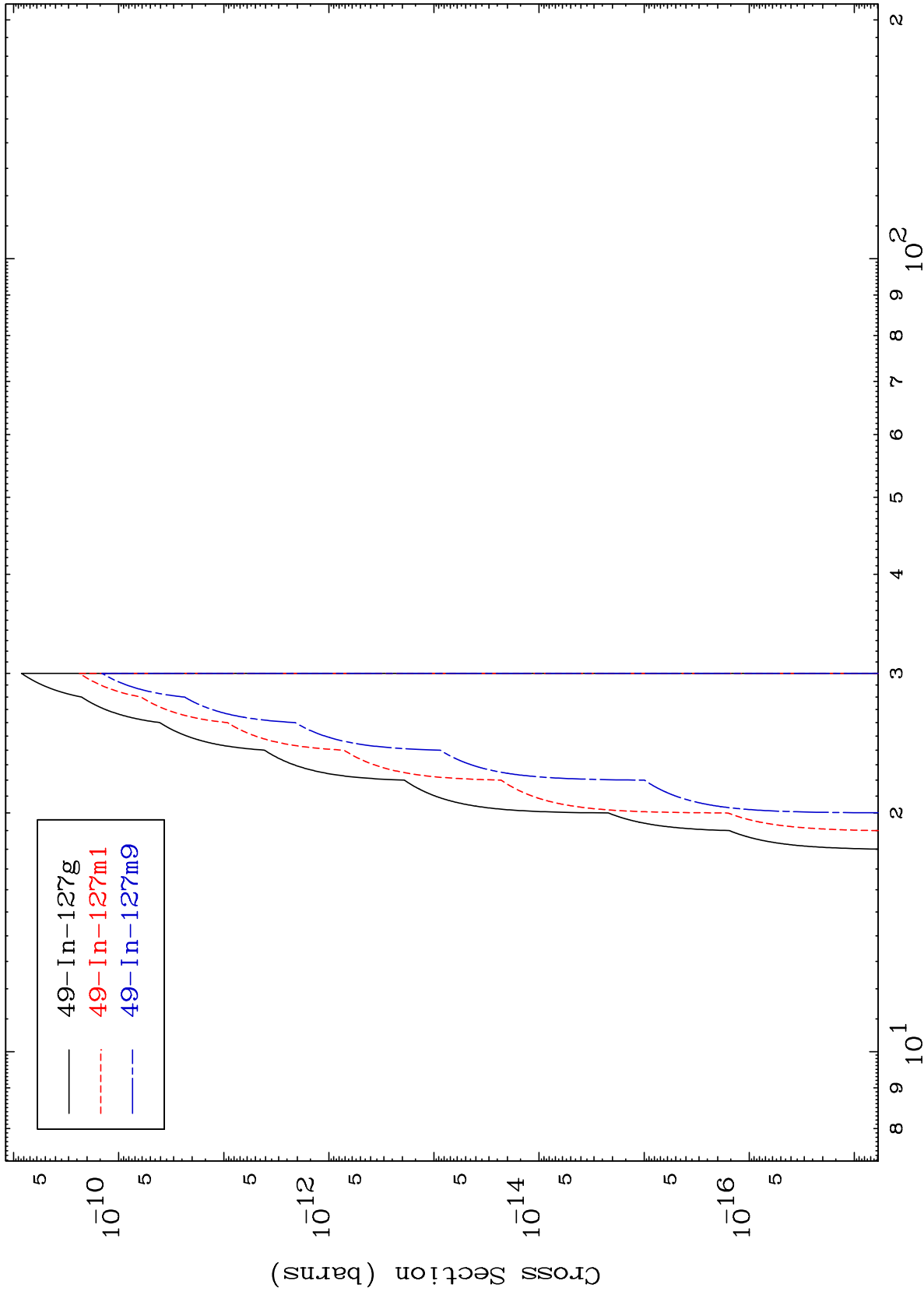
51-Sb-131

MAT 5155

(d,d)  $\alpha$

51-Sb-131

Radionuclide Production Cross Section



33

Incident Energy (MeV)

51-Sb-131