

Program EVALPLOT  
(Version 2018-1)

by

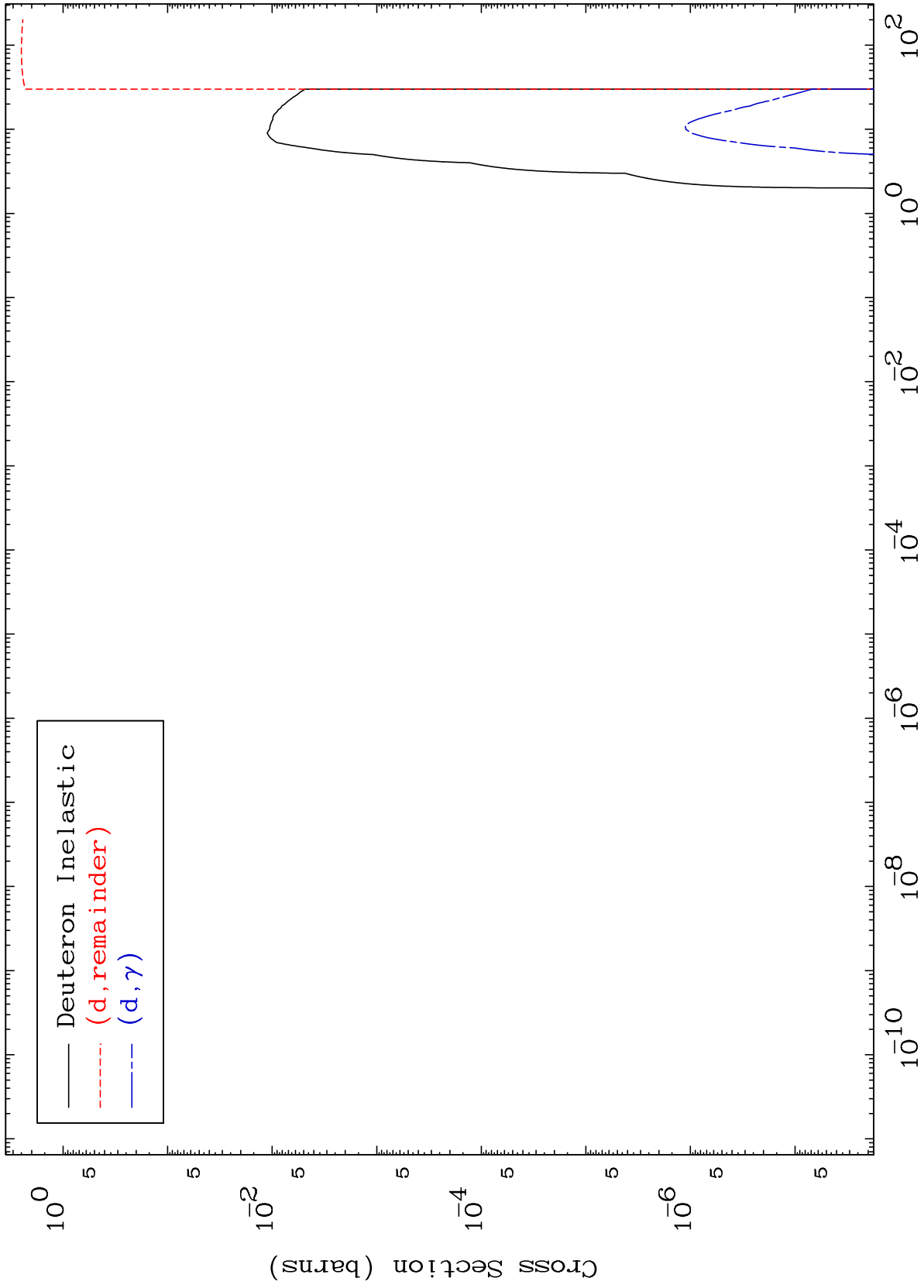
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(Present Contact Information)

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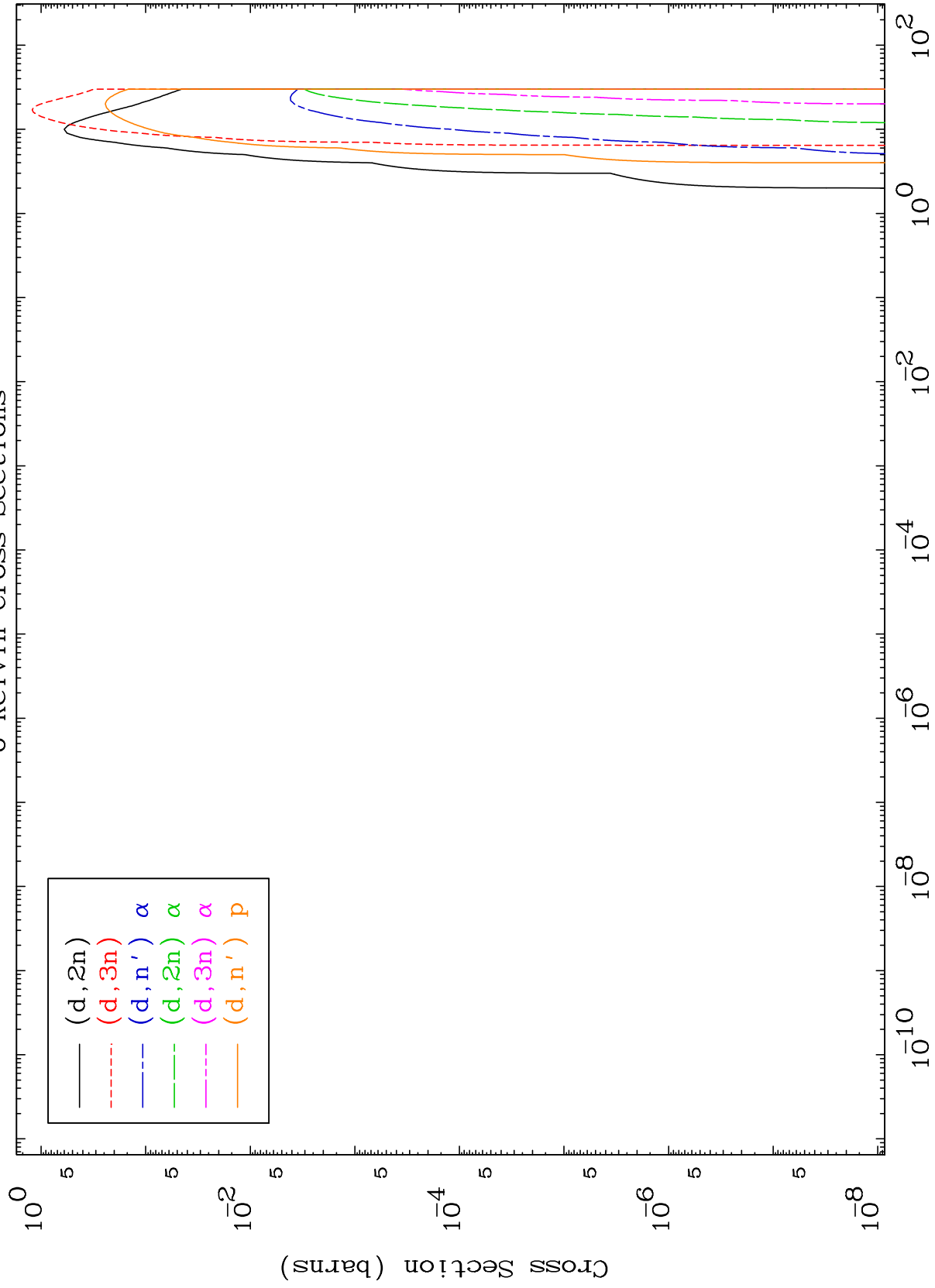
Press Mouse Button to Start



MAT 5152

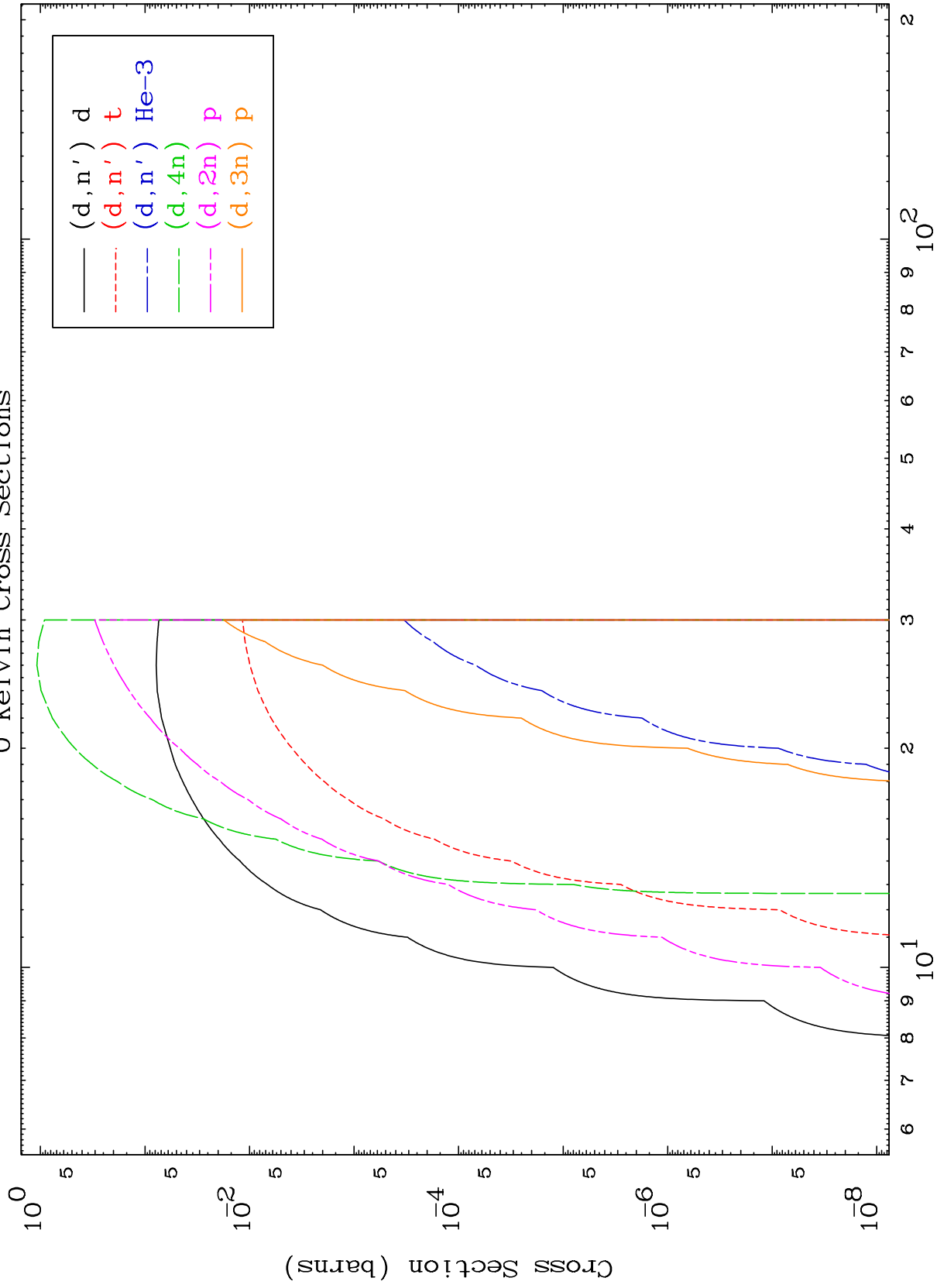
Deuteron Neutron Production  
0 Kelvin Cross Sections

51-Sb-130



2

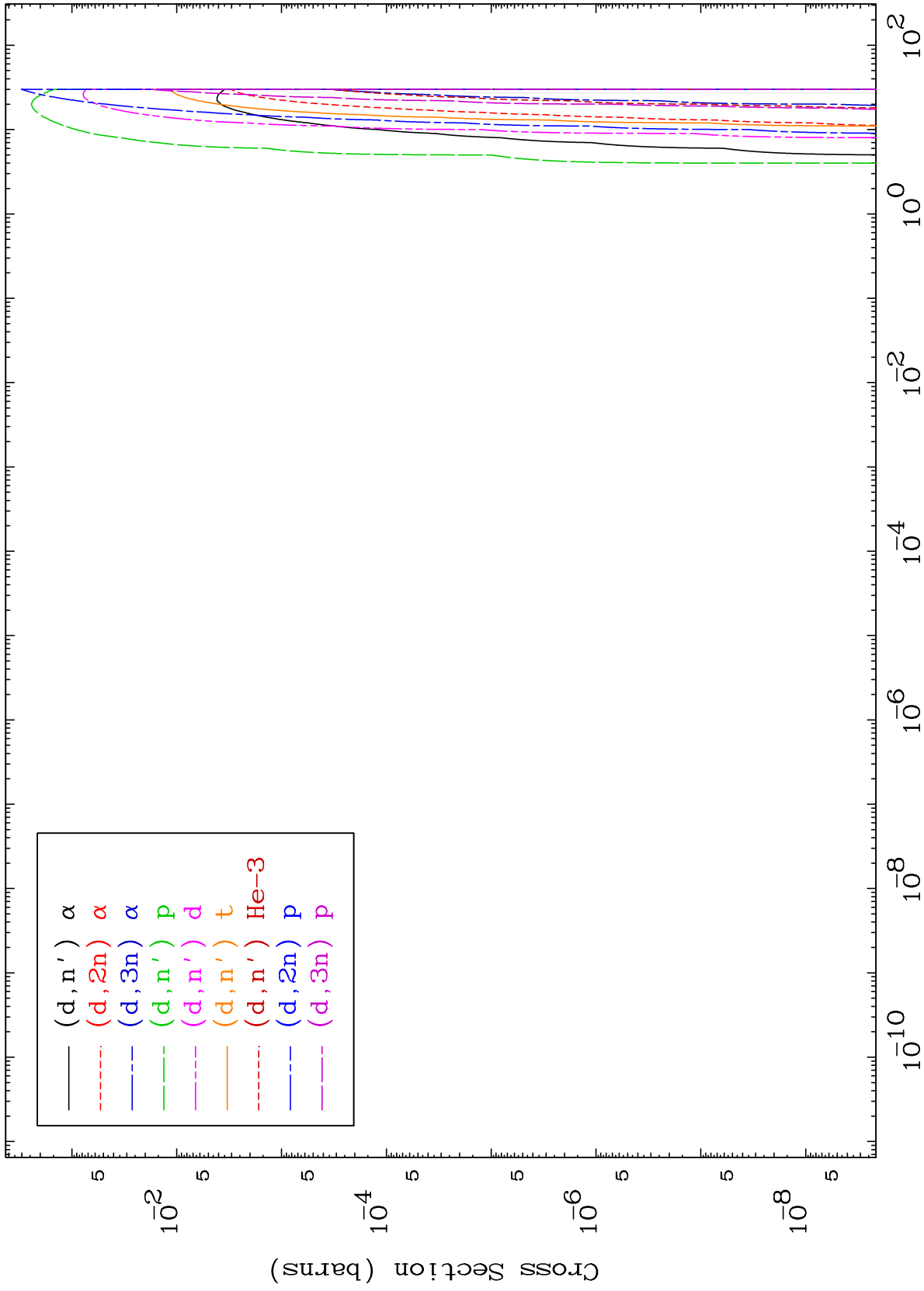
51-Sb-130



MAT 5152

Deuteron Charged Particle  
0 Kelvin Cross Sections

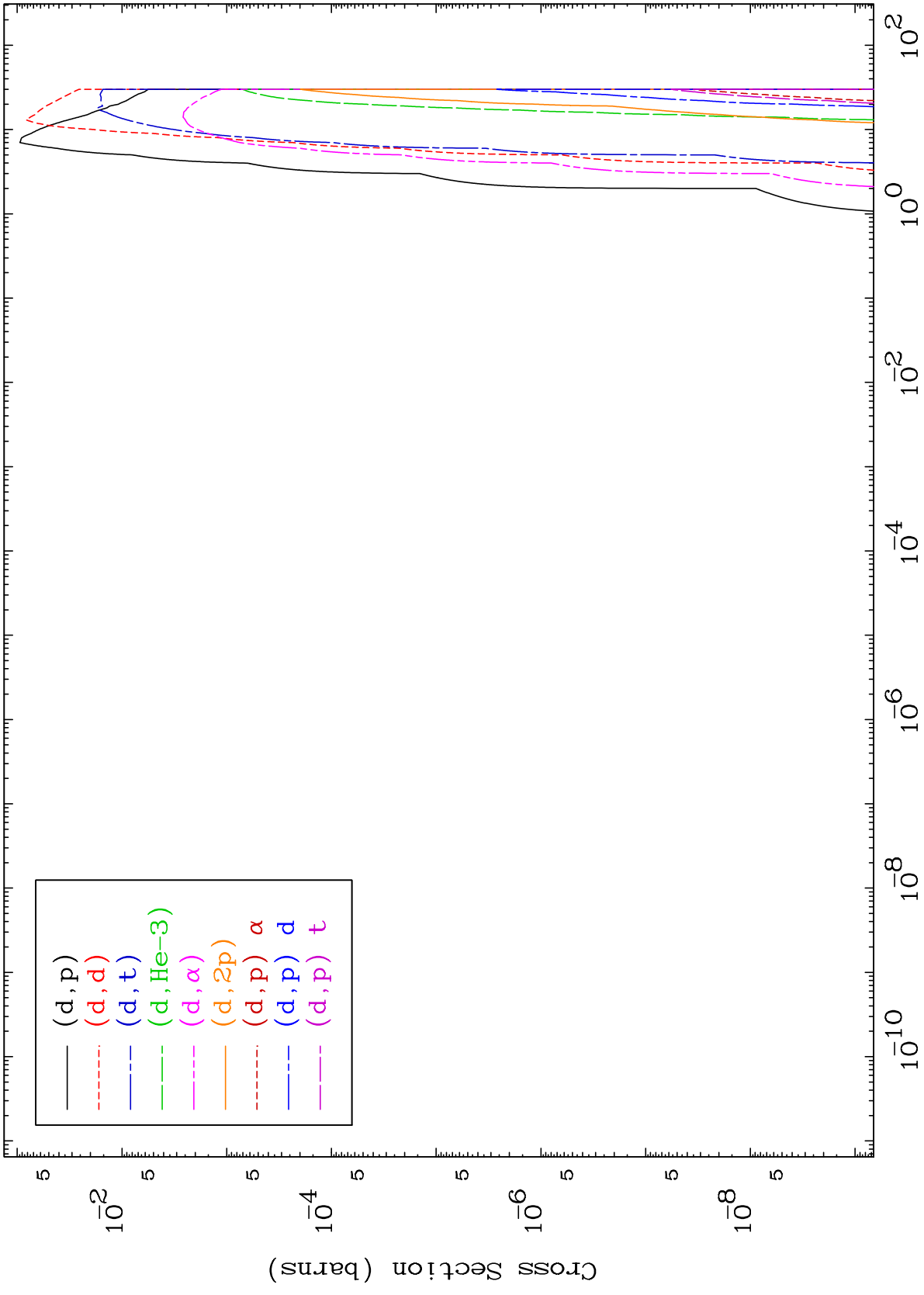
51-Sb-130



MAT 5152

Deuteron Charged Particle  
0 Kelvin Cross Sections

51-Sb-130



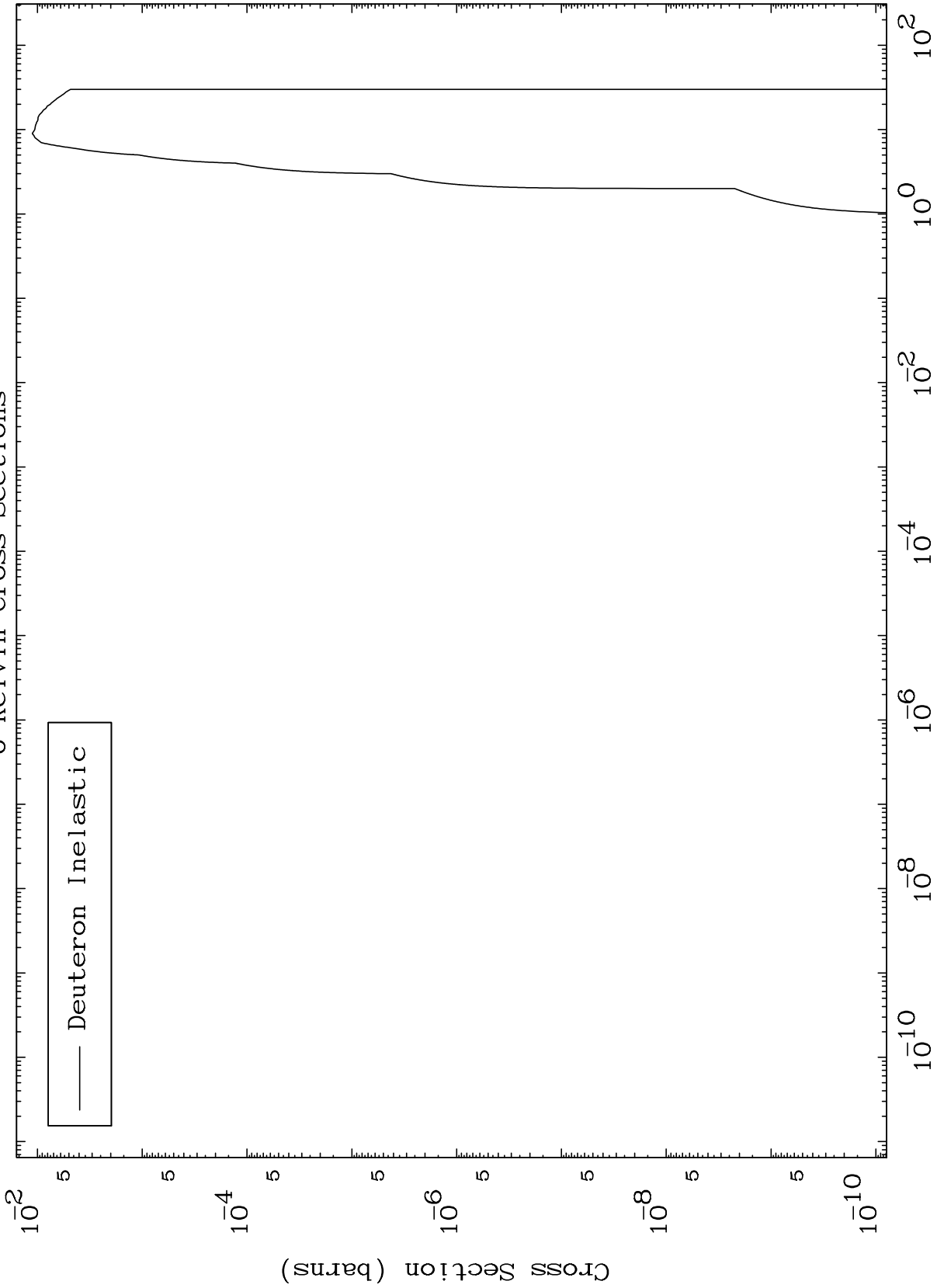
5

51-Sb-130

MAT 5152

(d,n') Level  
0 Kelvin Cross Sections

51-Sb-130

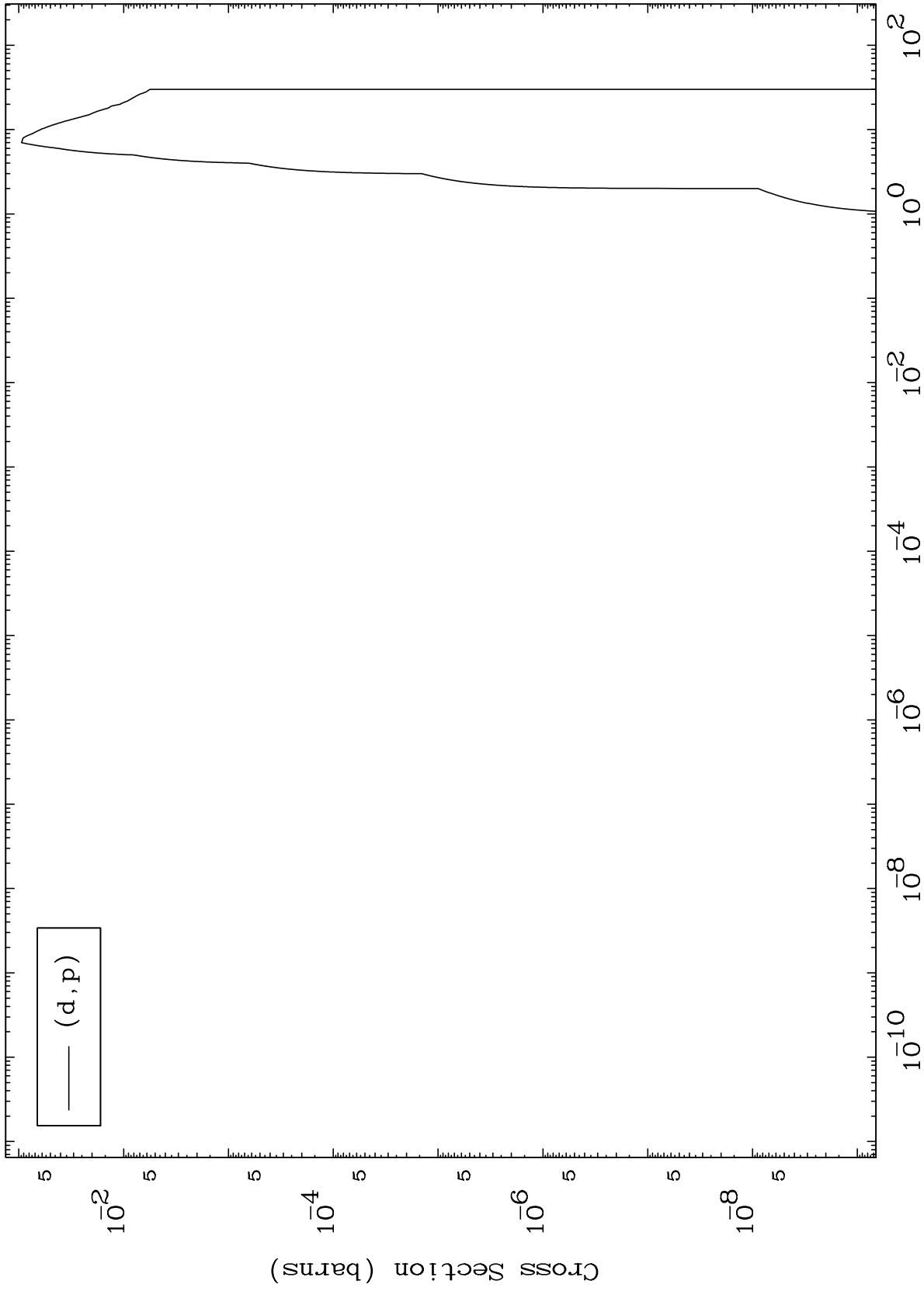


— Deuteron Inelastic

MAT 5152

(d,p) Levels  
0 Kelvin Cross Sections

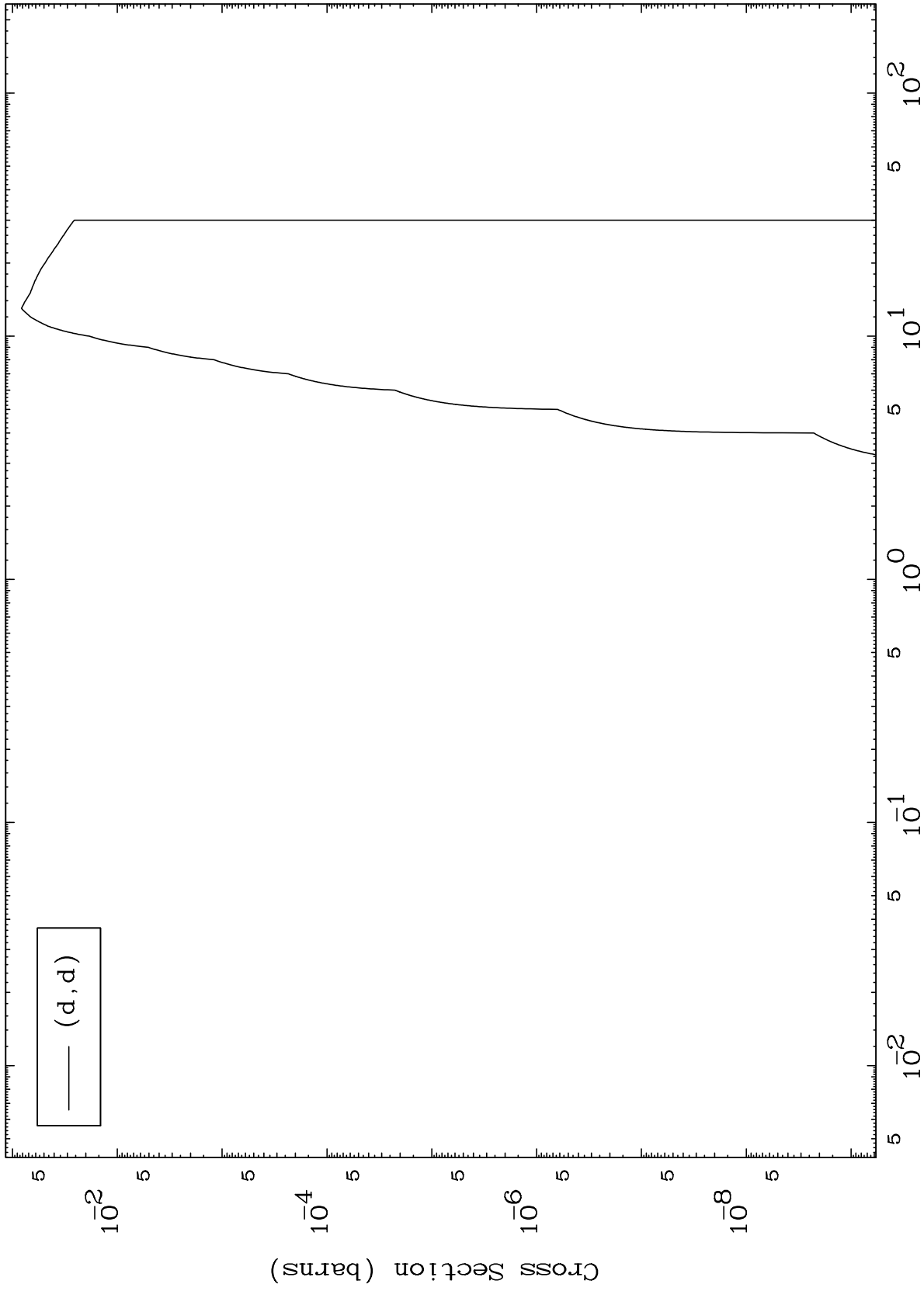
51-Sb-130



MAT 5152

(d,d) Levels  
0 Kelvin Cross Sections

51-Sb-130



8

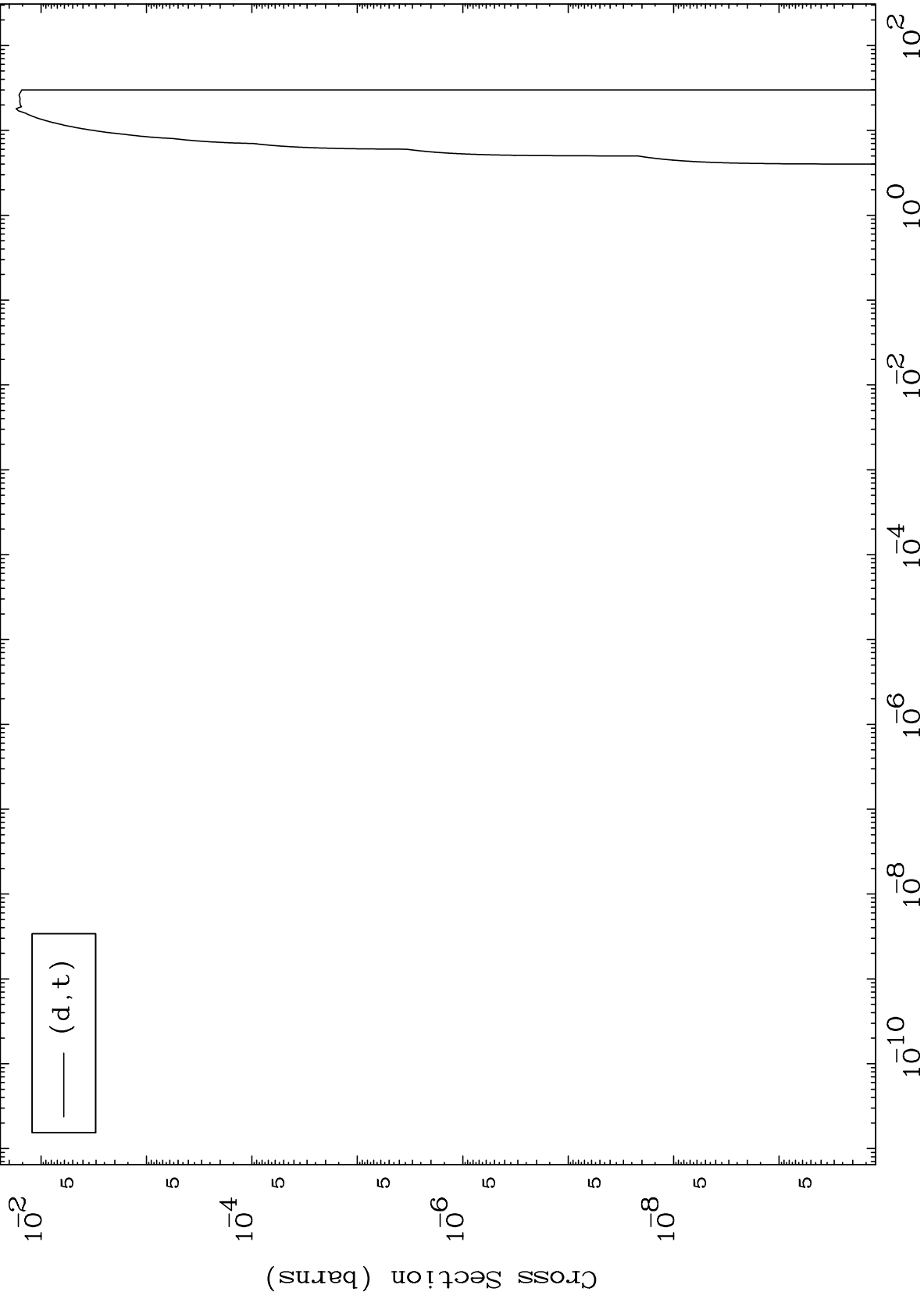
Incident Energy (MeV)

51-Sb-130

MAT 5152

(d,t) Levels  
0 Kelvin Cross Sections

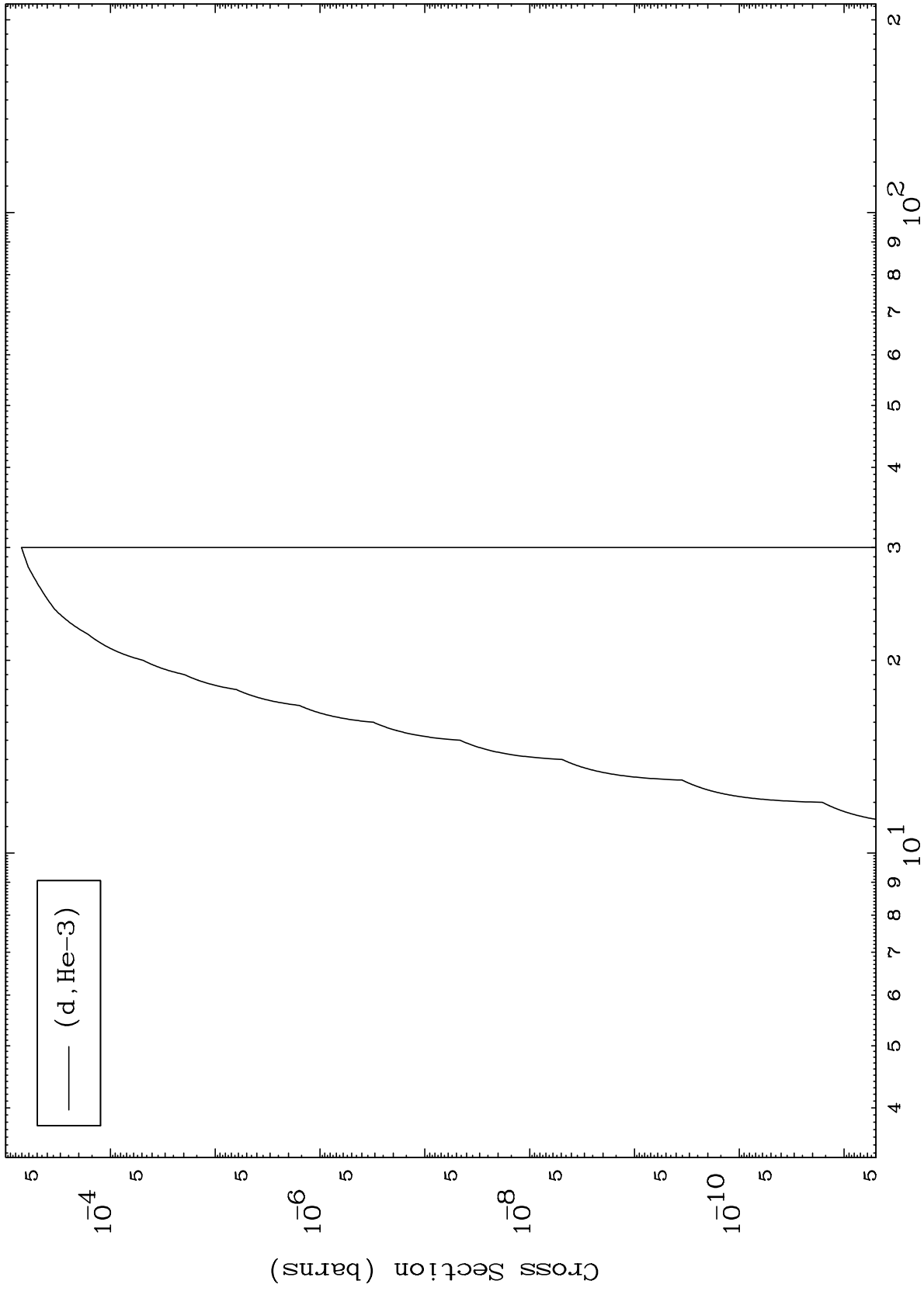
51-Sb-130



MAT 5152

(d,He3) Levels  
0 Kelvin Cross Sections

51-Sb-130



10

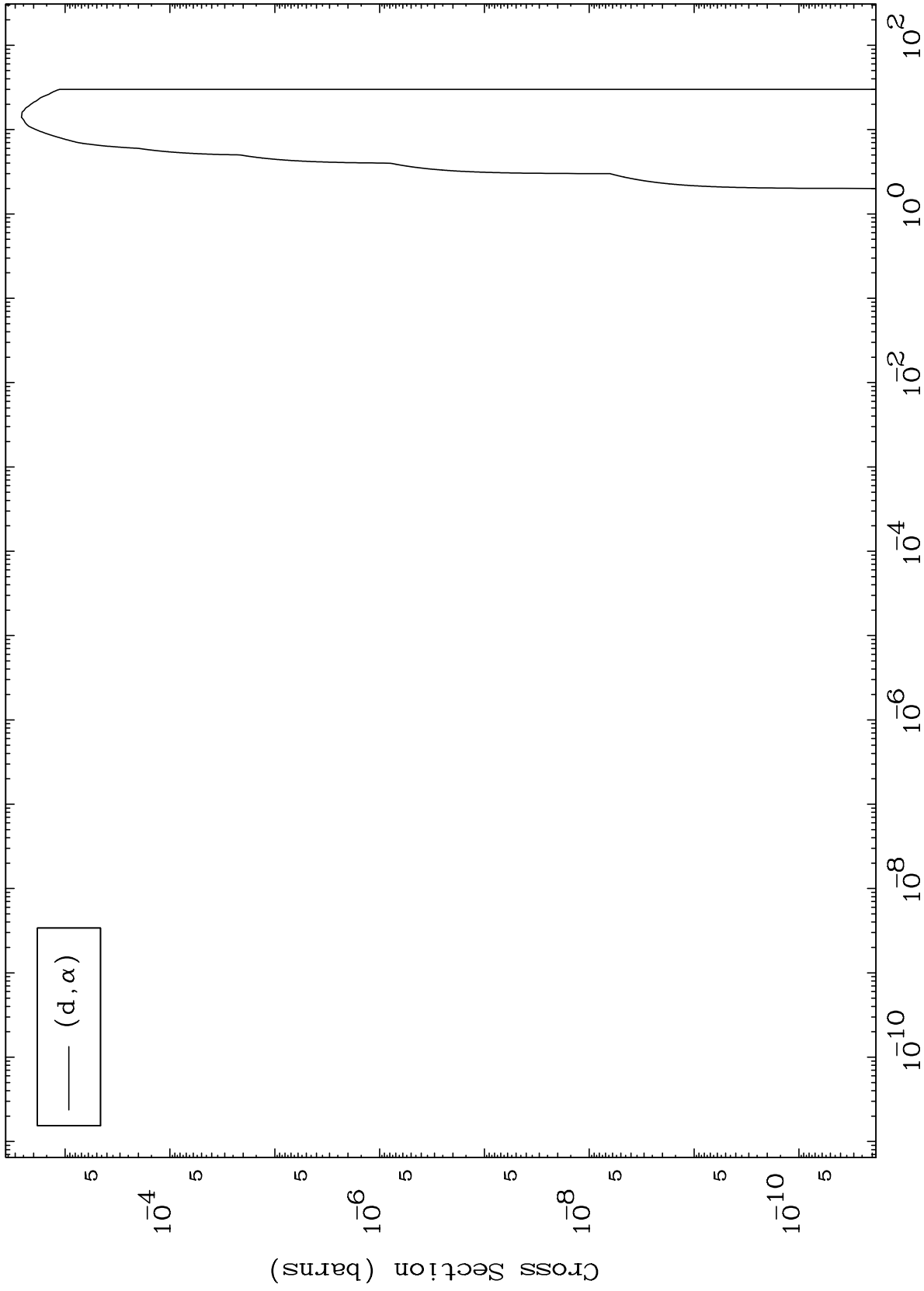
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

51-Sb-130



11

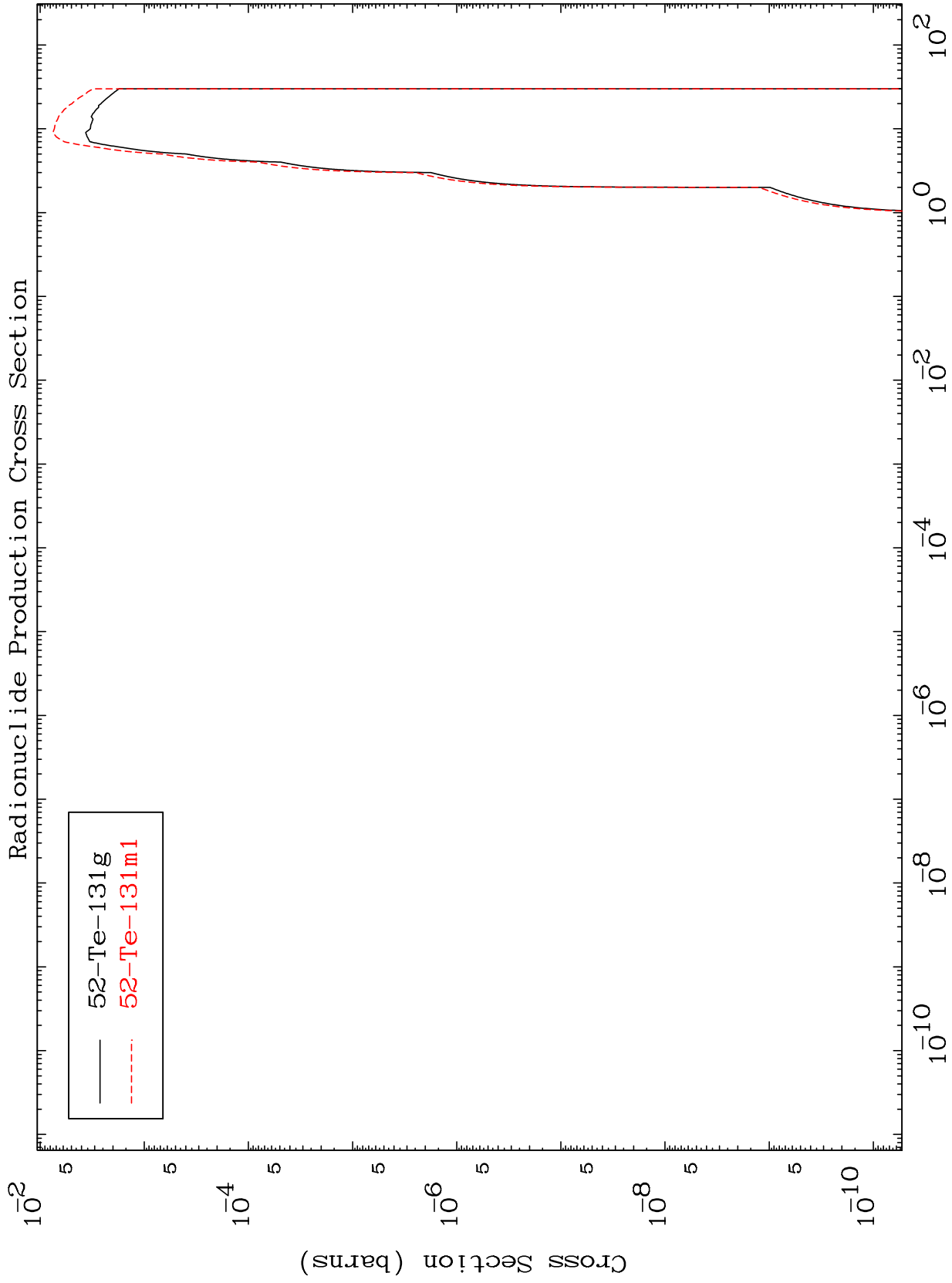
Incident Energy (MeV)

51-Sb-130

MAT 5152

Deuteron Inelastic  
Radionuclide Production Cross Section

51-Sb-130



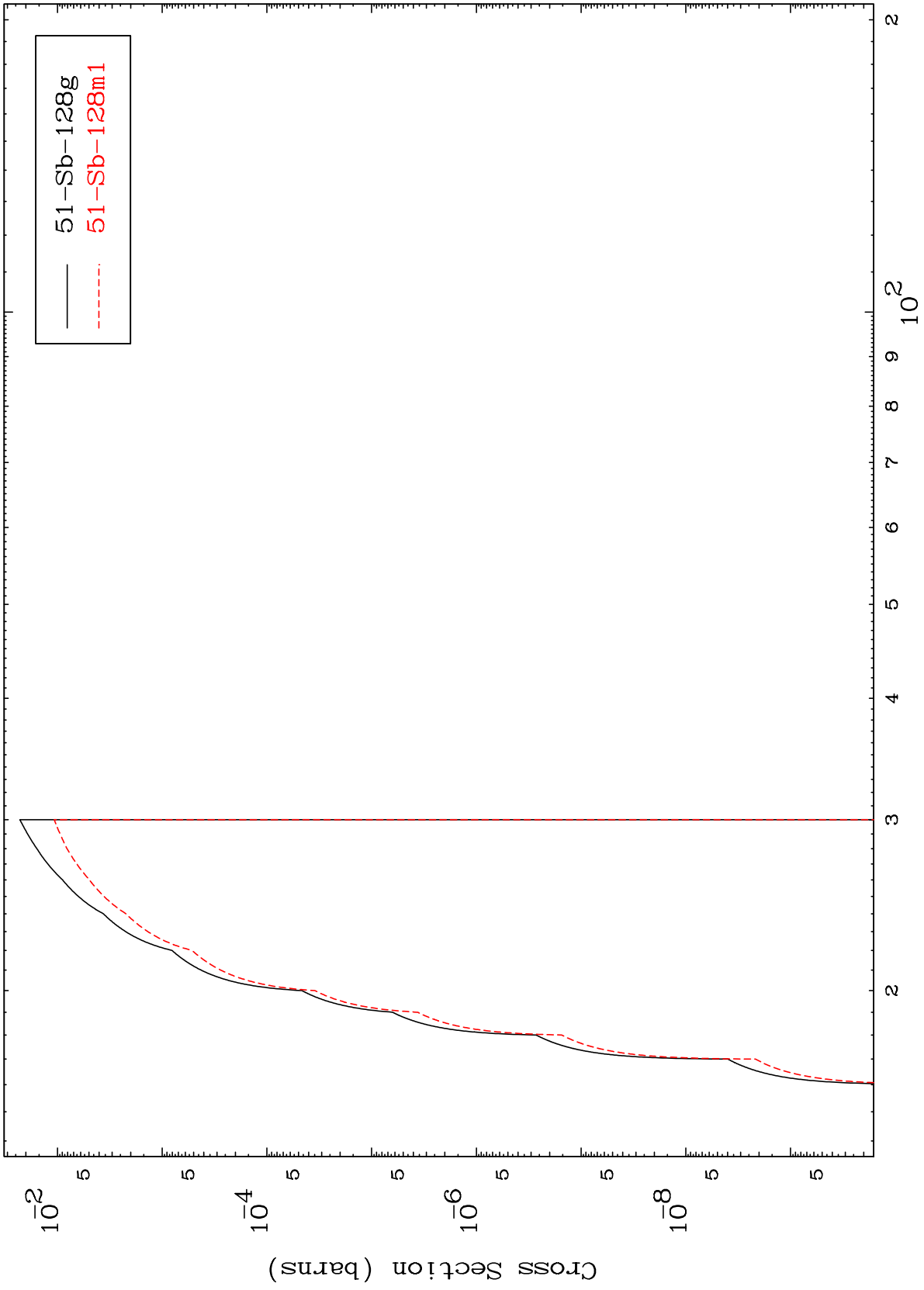
51-Sb-130

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(d,2n) d

51-Sb-130

Radionuclide Production Cross Section



13

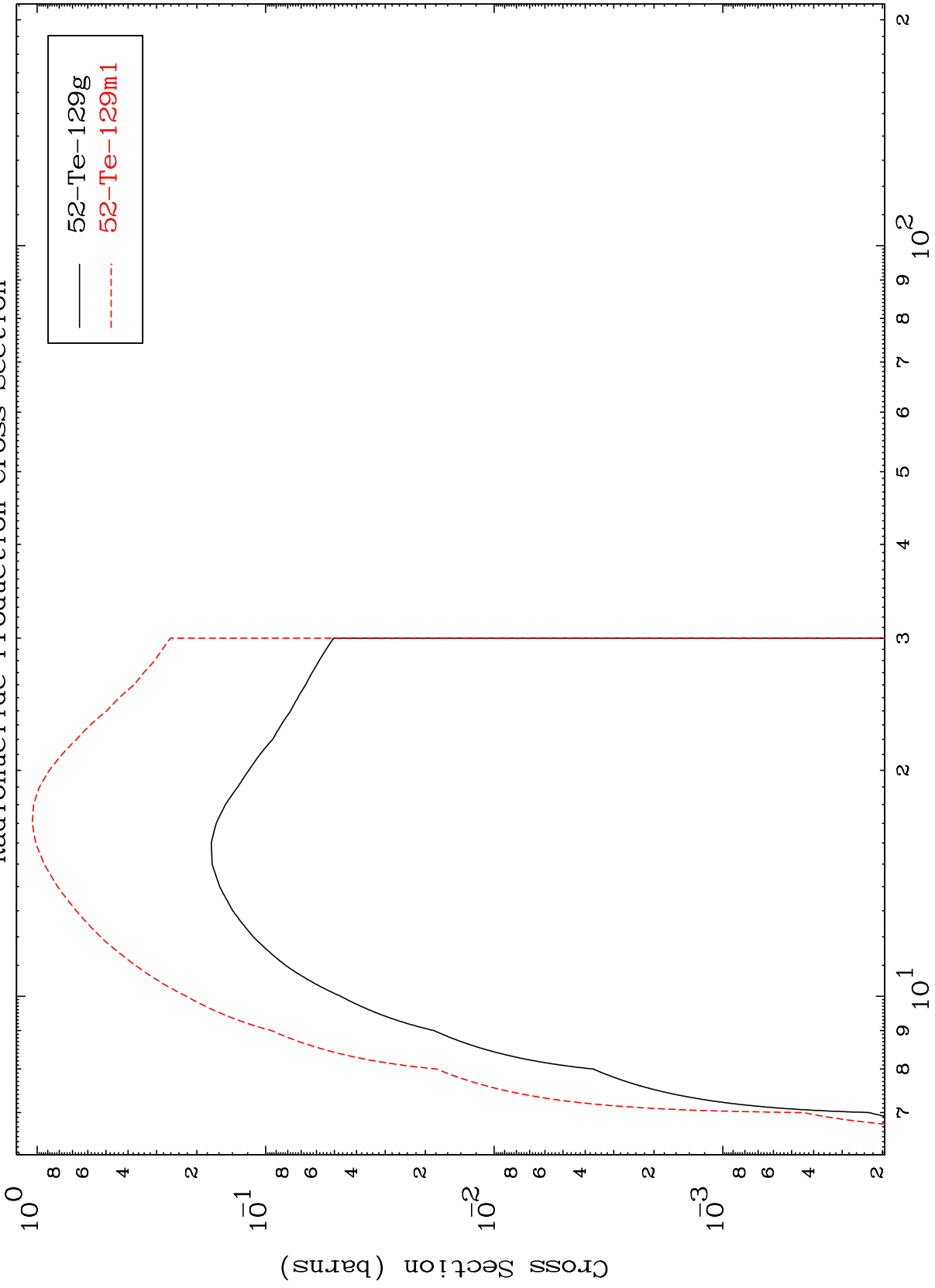
Incident Energy (MeV)

51-Sb-130

MAT 5152

51-Sb-130

(d,3n)  
Radionuclide Production Cross Section



14

Incident Energy (MeV)

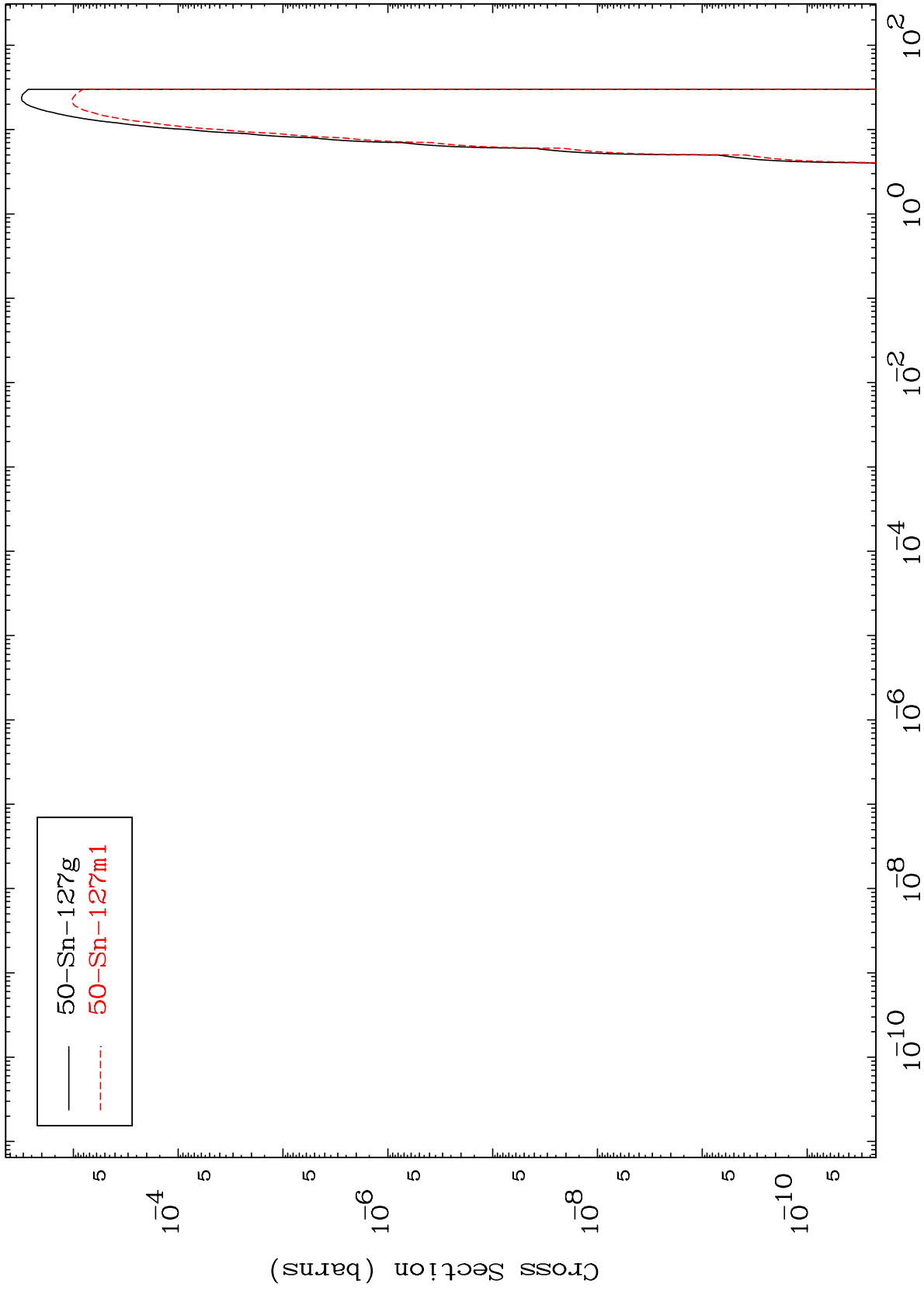
51-Sb-130

MAT 5152

(d,n')  $\alpha$

51-Sb-130

Radionuclide Production Cross Section



15

Incident Energy (MeV)

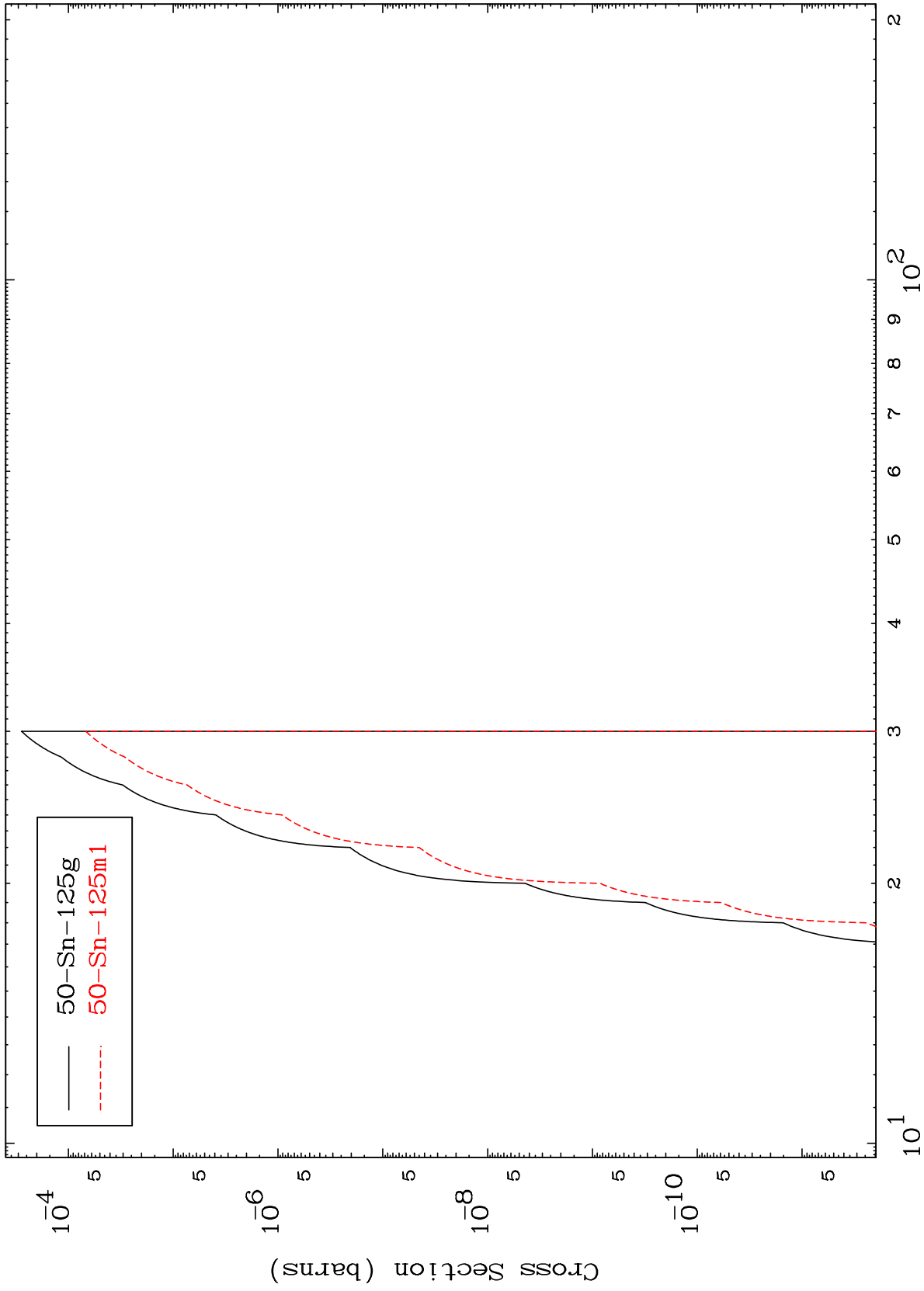
51-Sb-130

MAT 5152

(d,3n)  $\alpha$

51-Sb-130

Radionuclide Production Cross Section

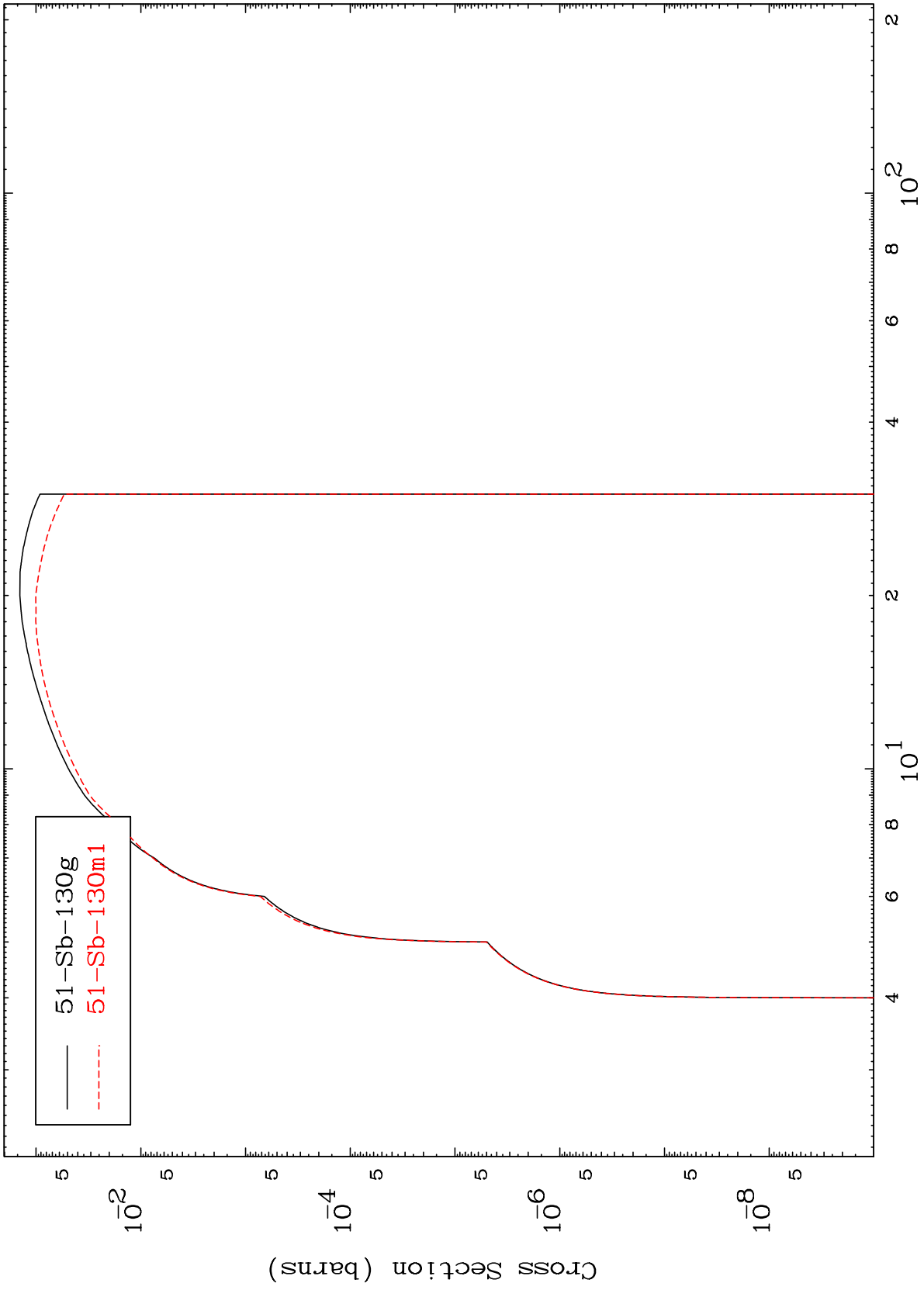


50-Sn-125g  
50-Sn-125m1

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51-Sb-130

(d,n') p  
Radionuclide Production Cross Section



17

51-Sb-130

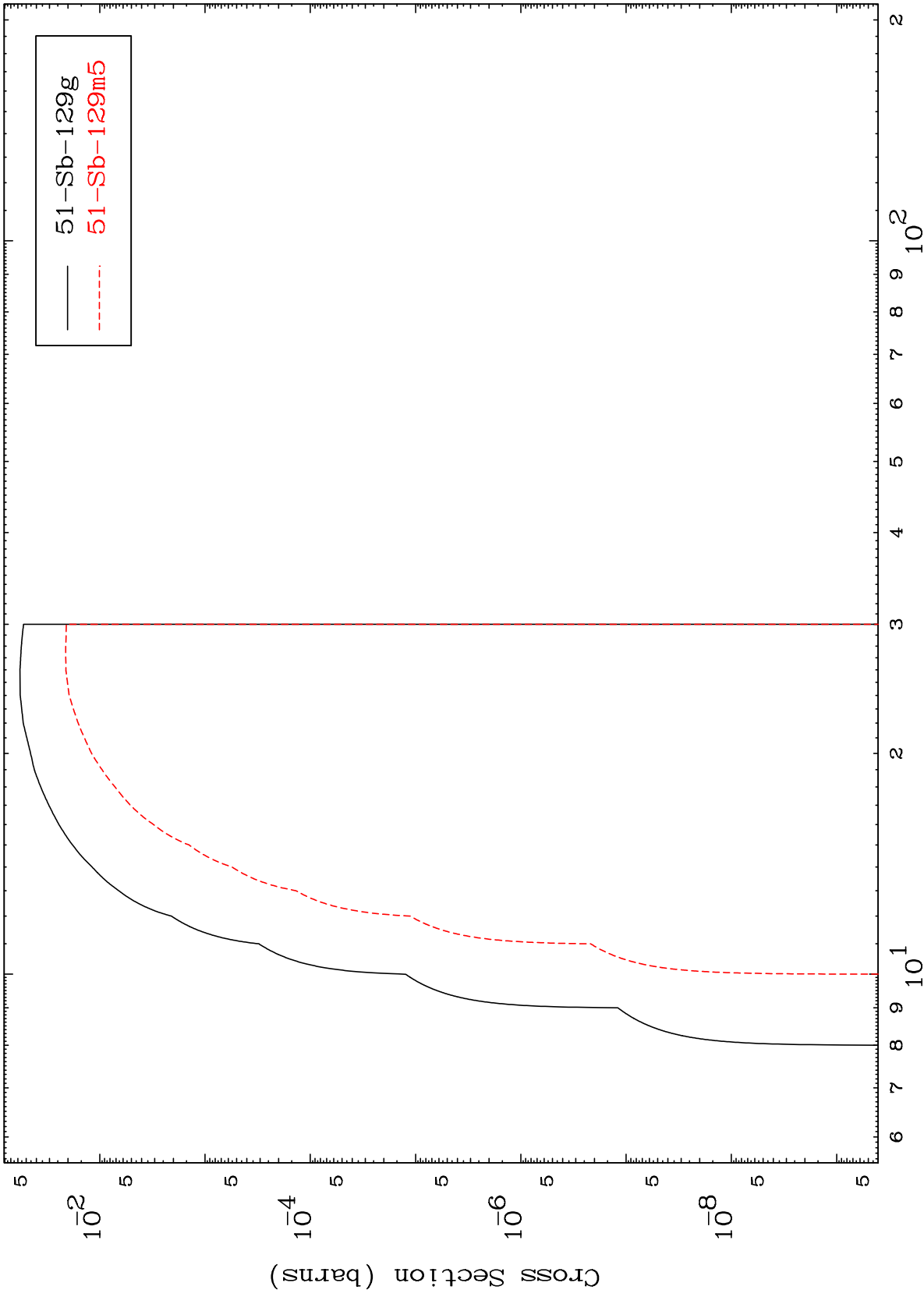
51-Sb-130

MAT 5152

(d,n') d

51-Sb-130

Radionuclide Production Cross Section



18

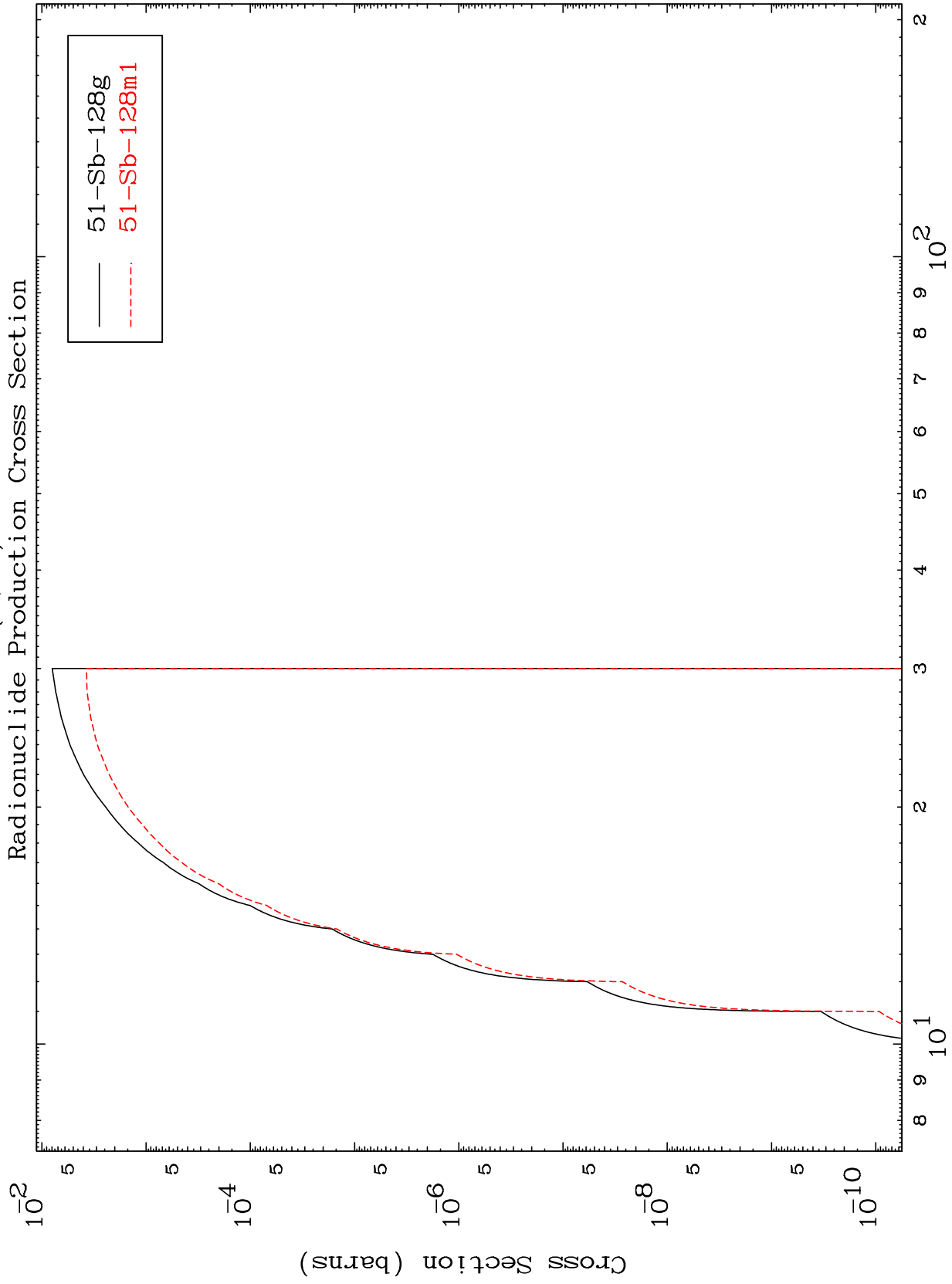
Incident Energy (MeV)

51-Sb-130

MAT 5152

(d,n') t

51-Sb-130



19

Incident Energy (MeV)

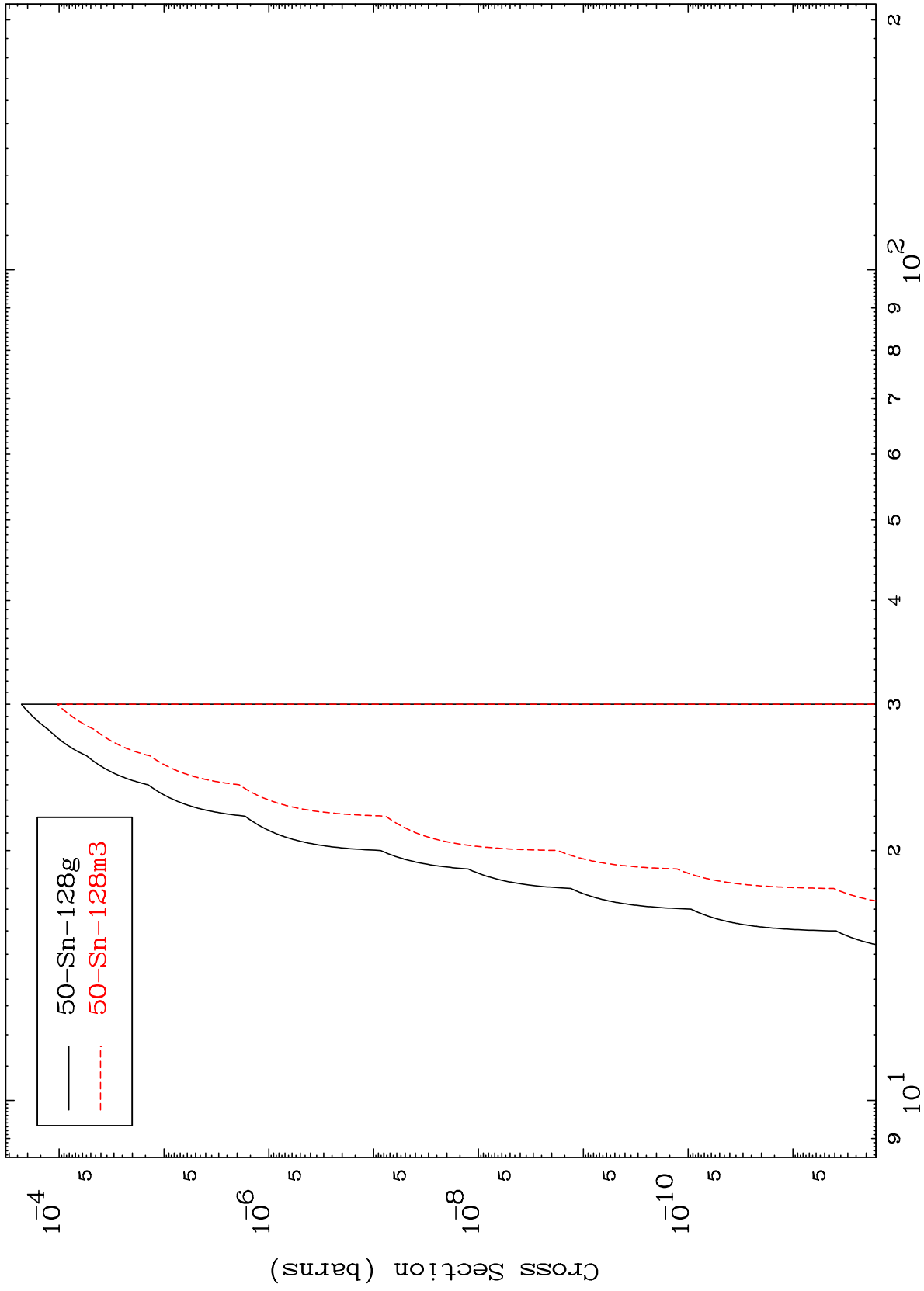
51-Sb-130

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(d,n') He-3

51-Sb-130

Radionuclide Production Cross Section



20

Incident Energy (MeV)

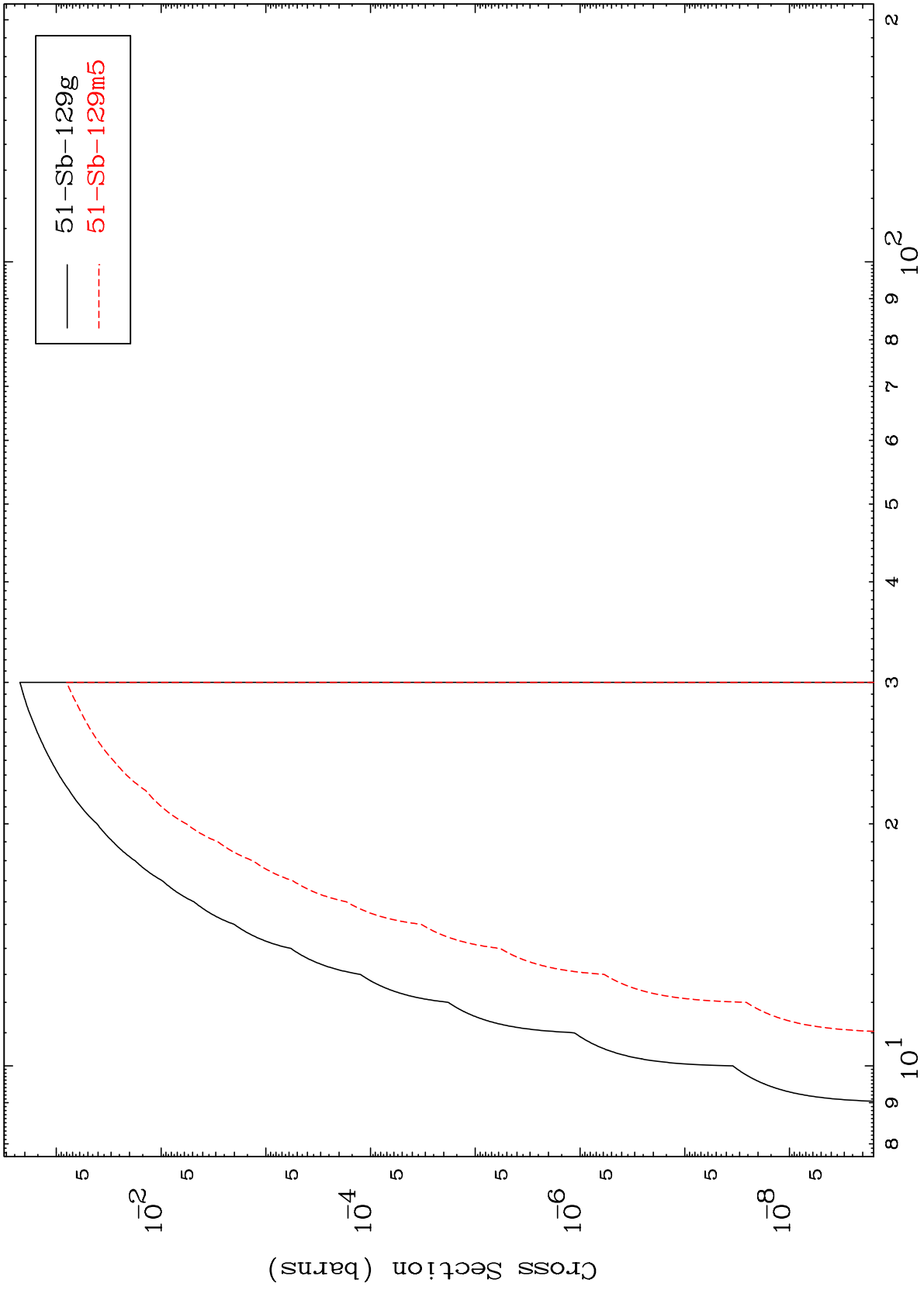
51-Sb-130

MAT 5152

(d,2n) p

51-Sb-130

Radionuclide Production Cross Section



21

Incident Energy (MeV)

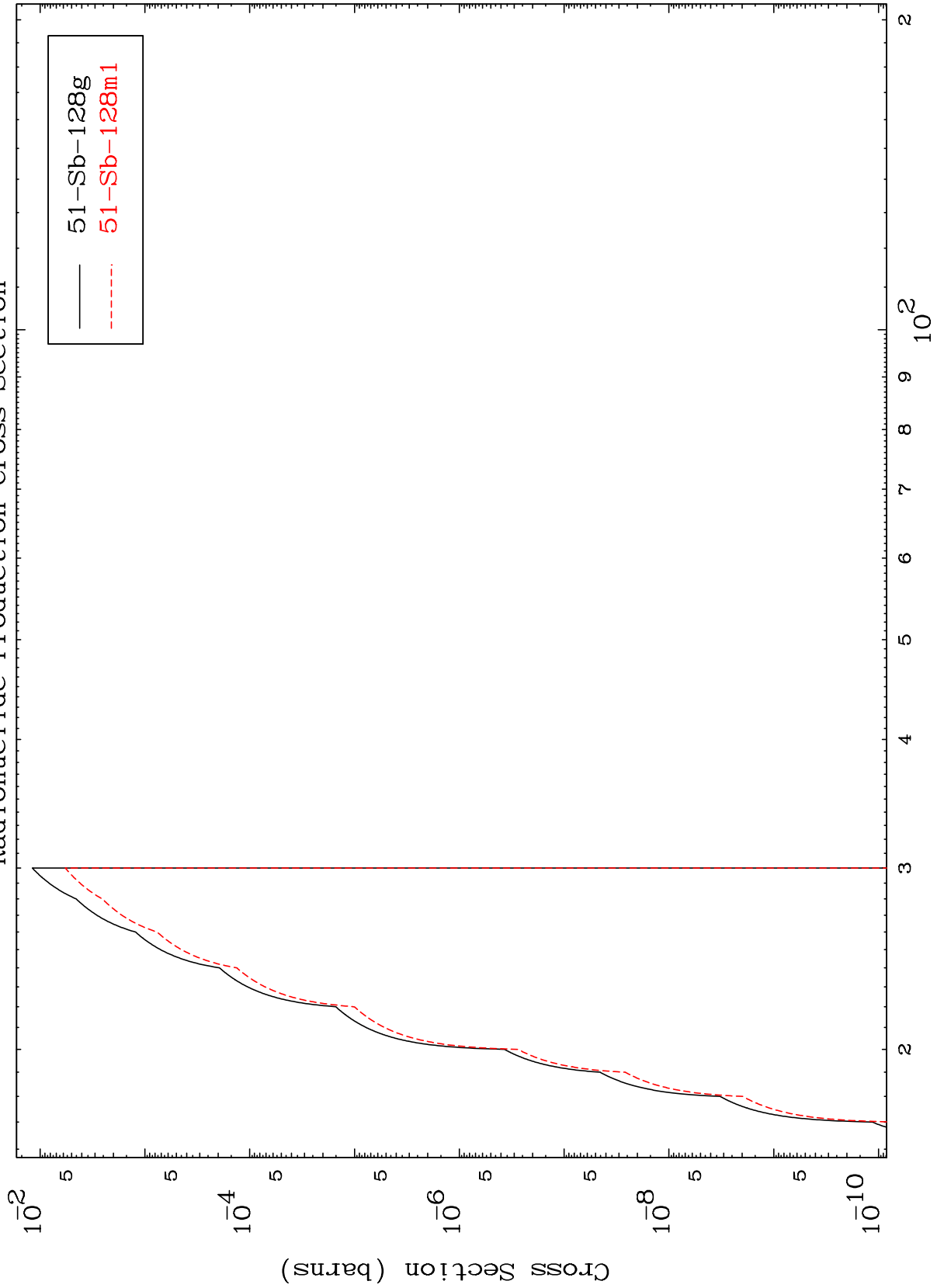
51-Sb-130

MAT 5152

(d,3n) p

51-Sb-130

Radionuclide Production Cross Section



22

Incident Energy (MeV)

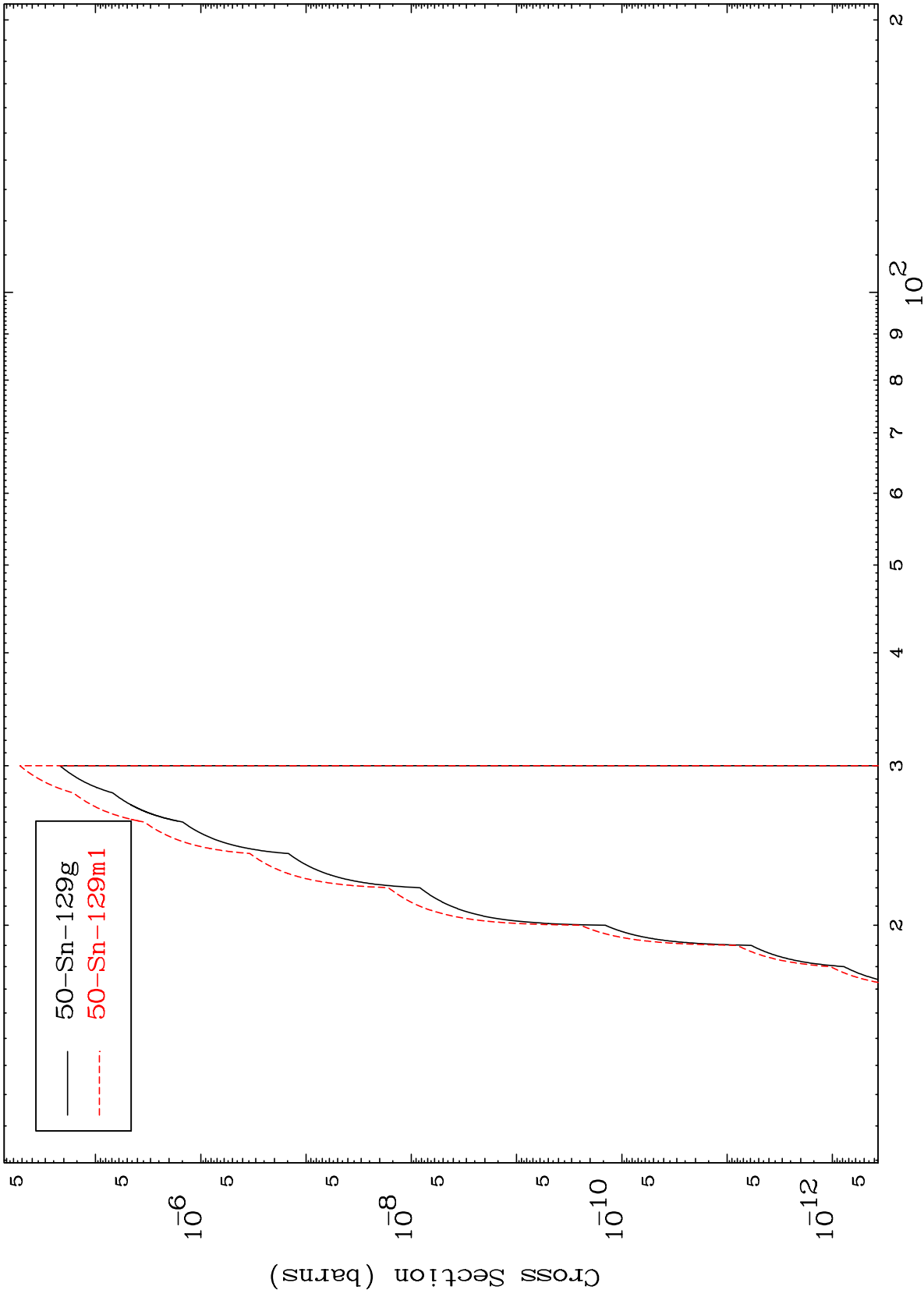
51-Sb-130

MAT 5152

(d,2n) p

51-Sb-130

Radionuclide Production Cross Section



23

Incident Energy (MeV)

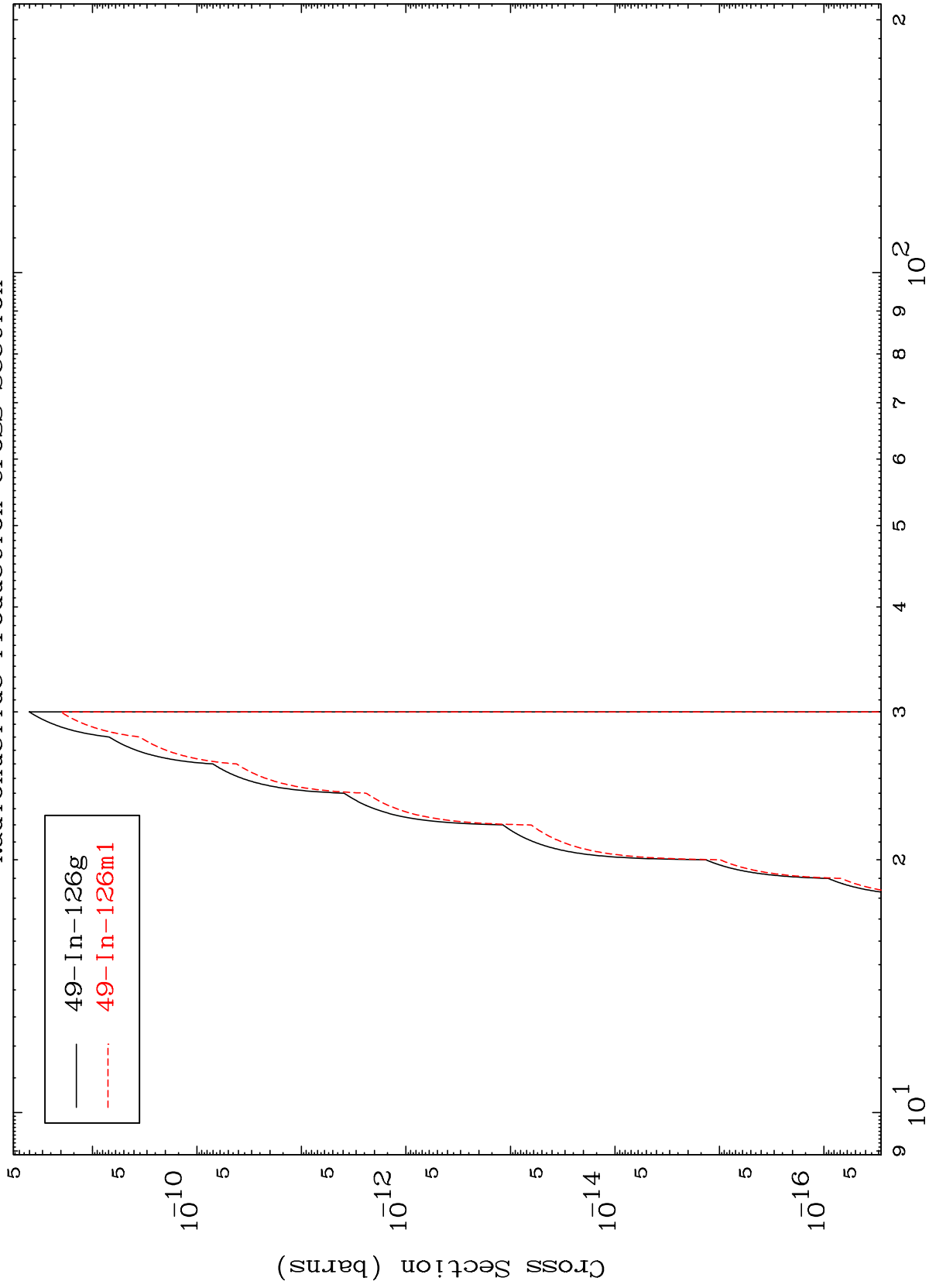
51-Sb-130

MAT 5152

(d,n') p  $\alpha$

51-Sb-130

Radionuclide Production Cross Section



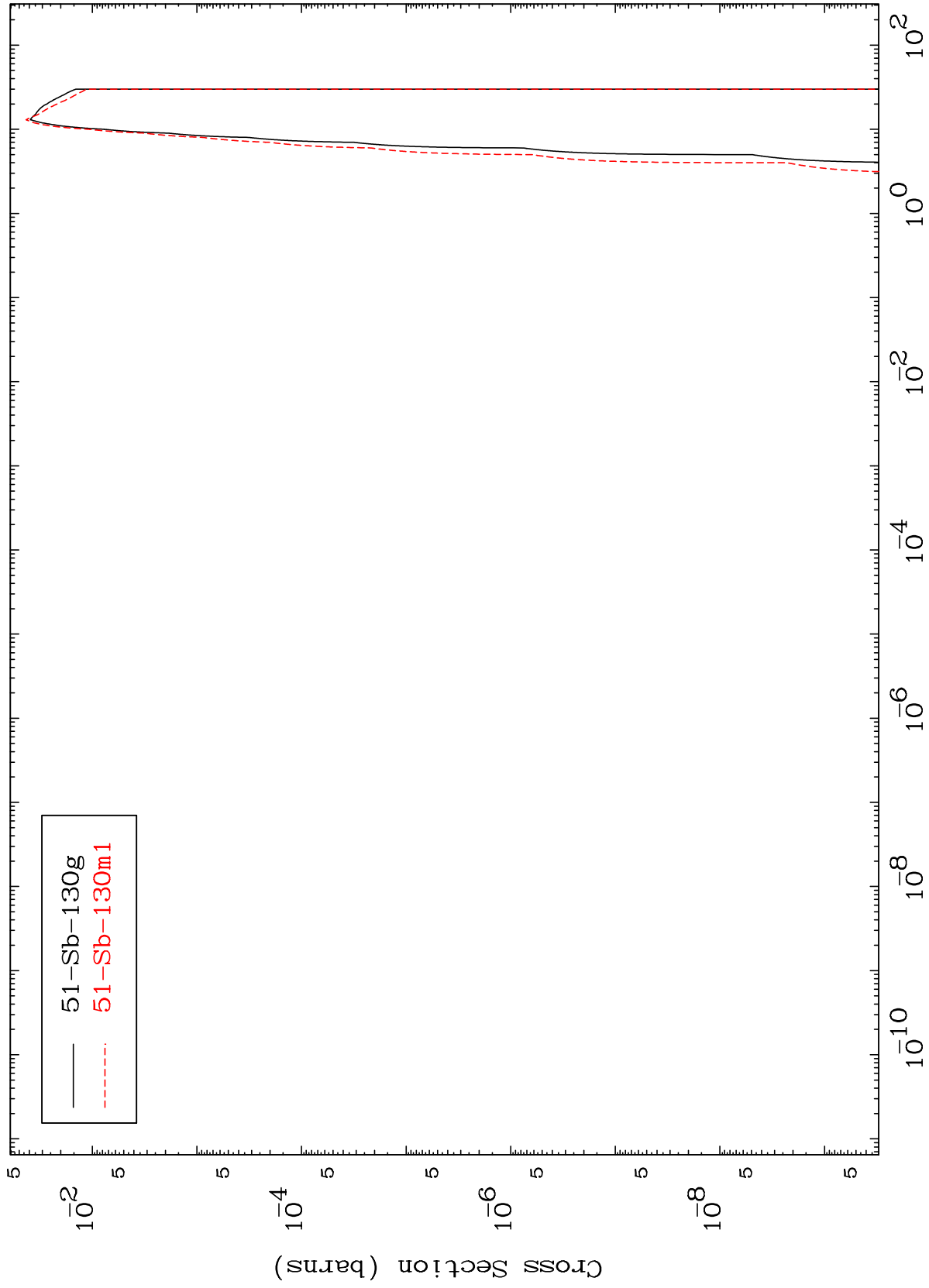
24

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(d,d)

Radionuclide Production Cross Section

51-Sb-130



25

Incident Energy (MeV)

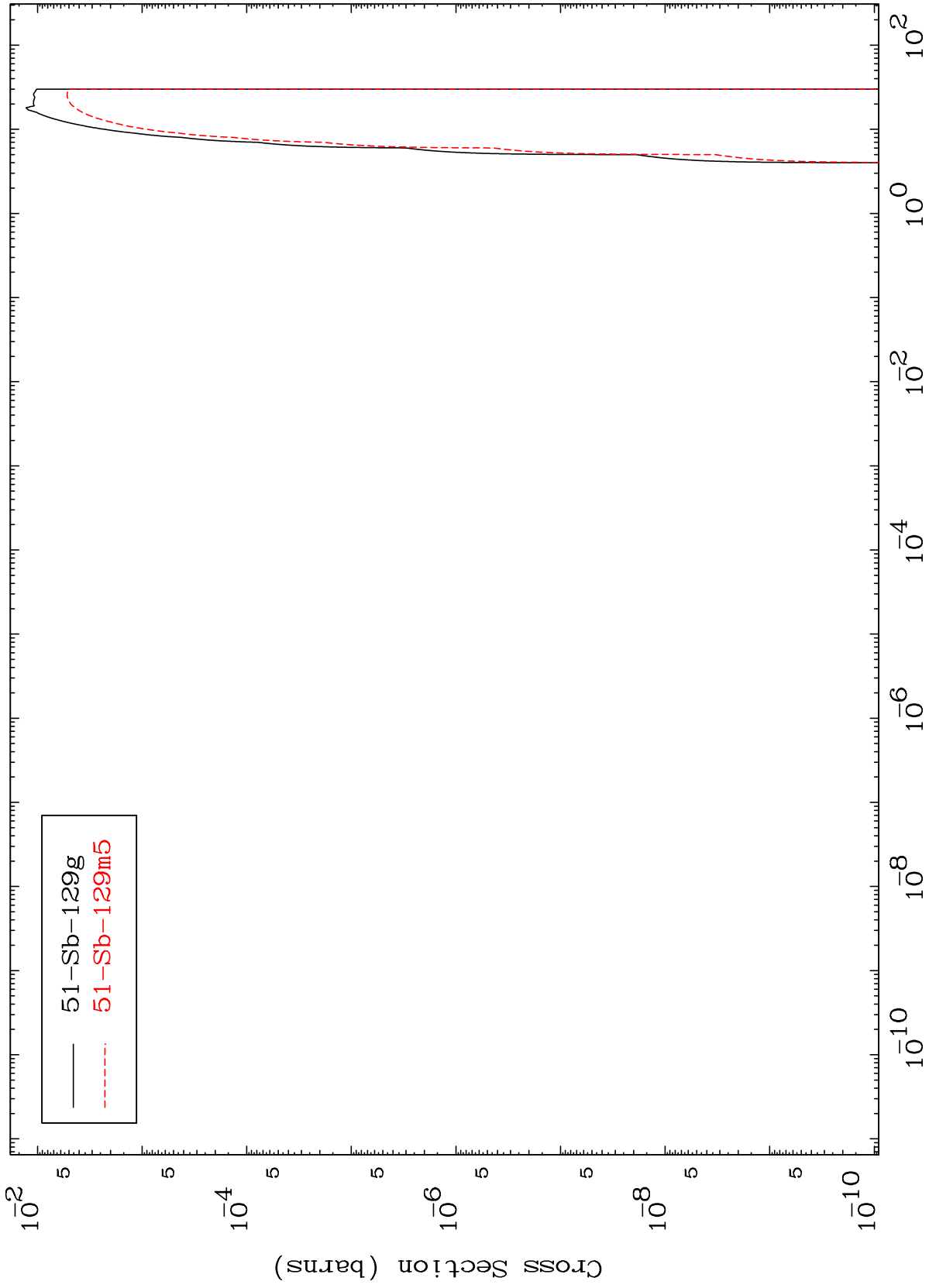
51-Sb-130

MAT 5152

(d, t)

51-Sb-130

Radionuclide Production Cross Section



26

Incident Energy (MeV)

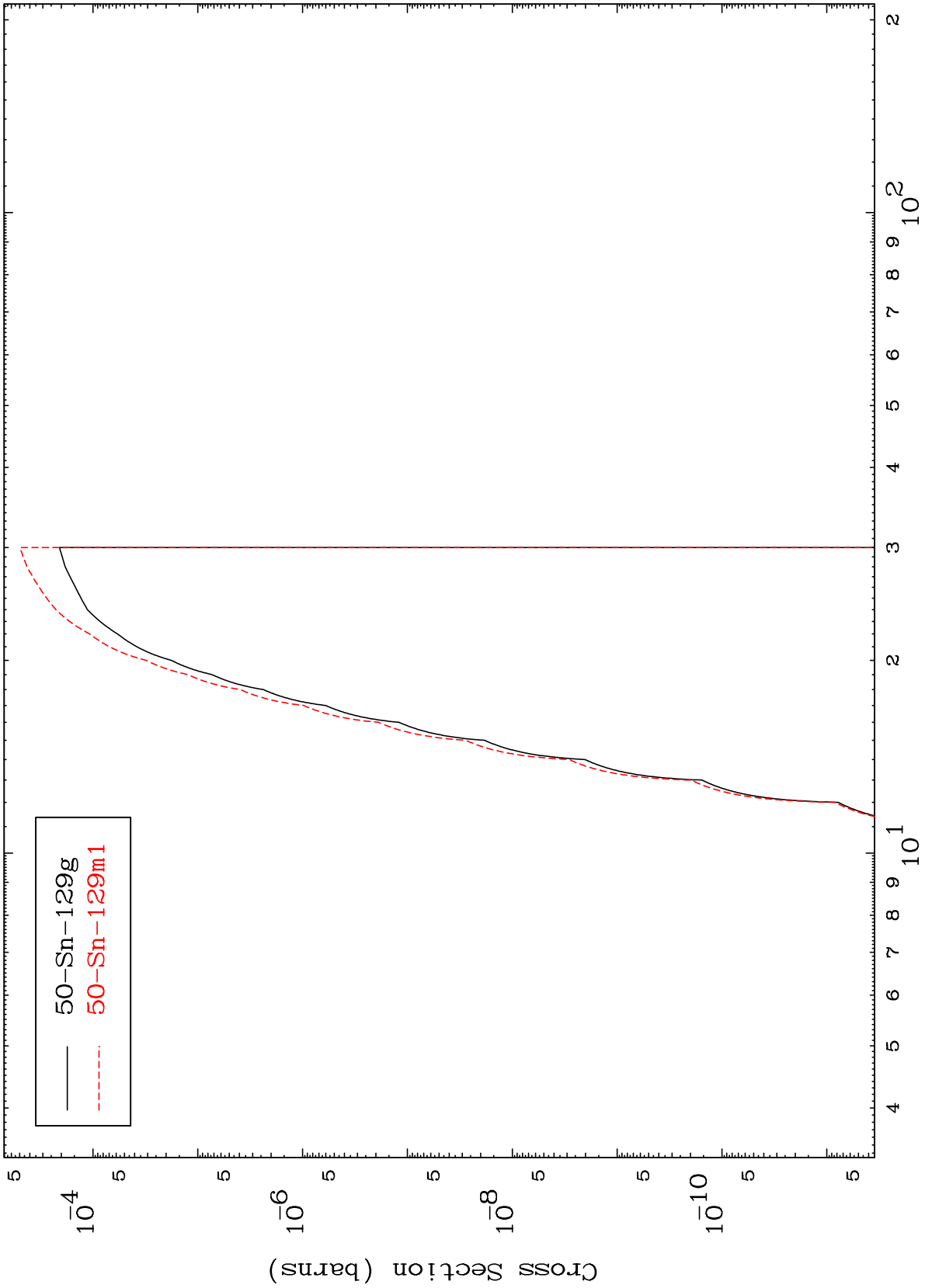
51-Sb-130

MAT 5152

(d, He-3)

51-Sb-130

Radionuclide Production Cross Section

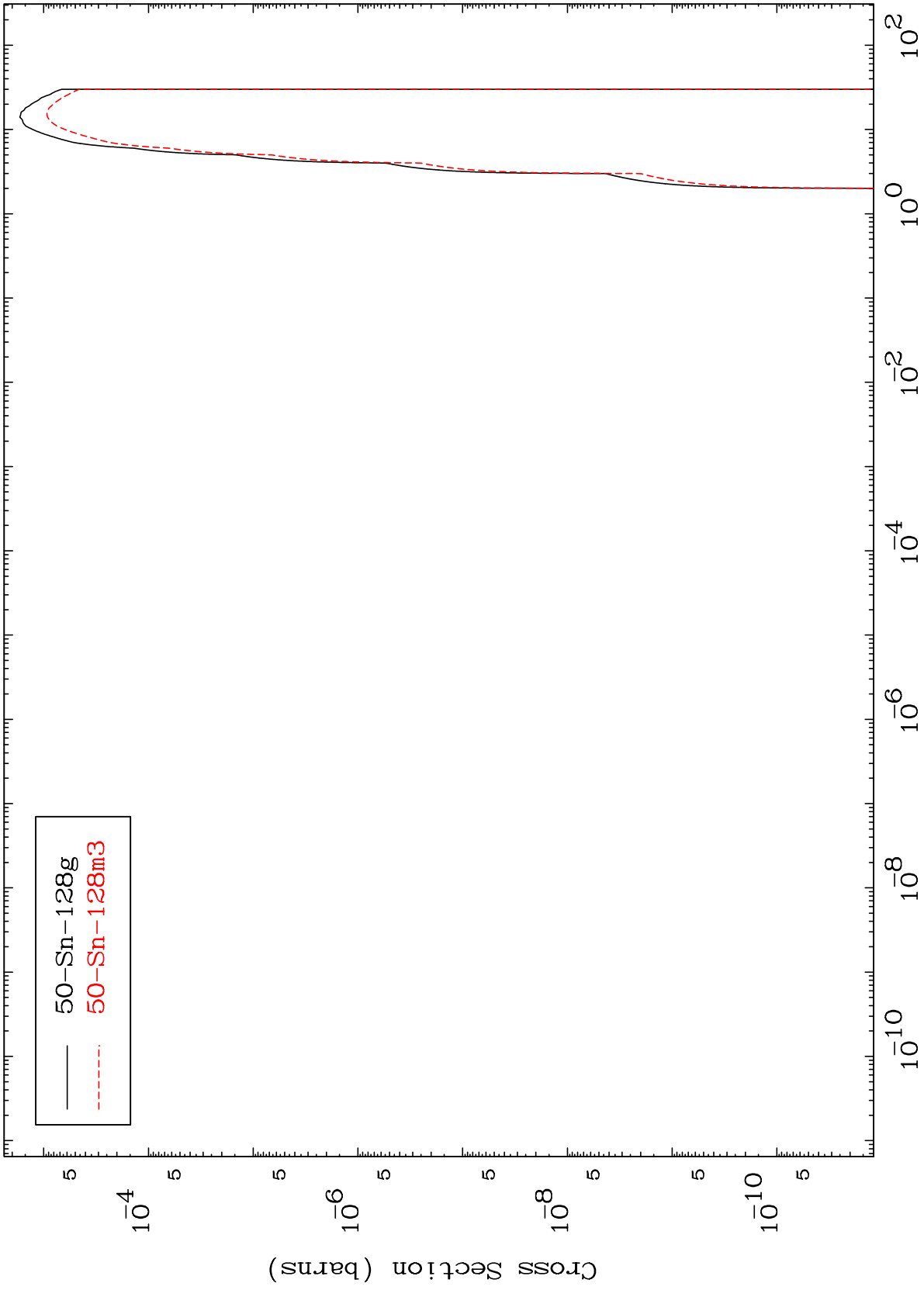


50-Sn-129g  
50-Sn-129m1

MAT 5152

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

51-Sb-130

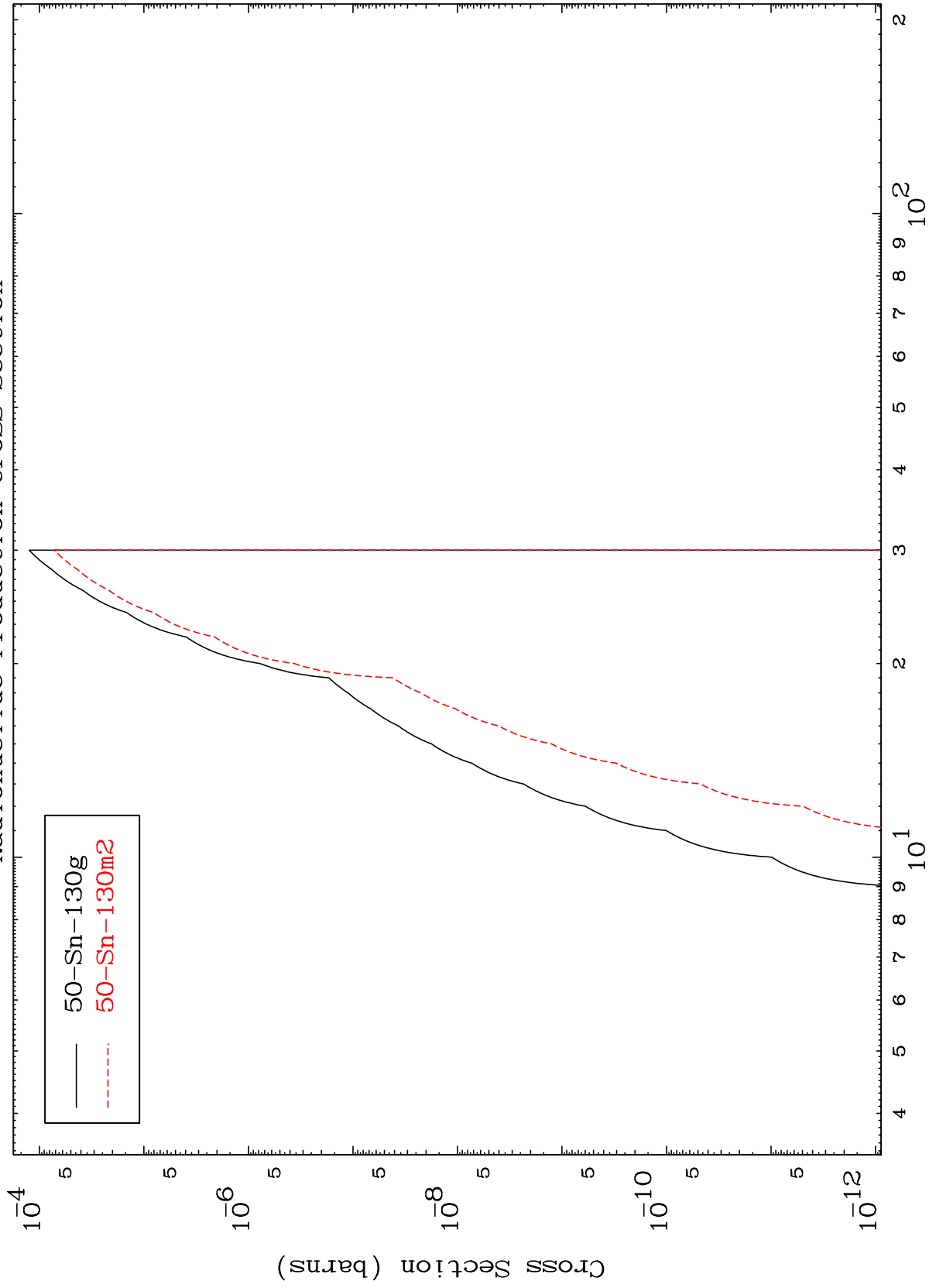


51-Sb-130

MAT 5152

51-Sb-130

Radionuclide Production Cross Section  
(d,2p)



29

Incident Energy (MeV)

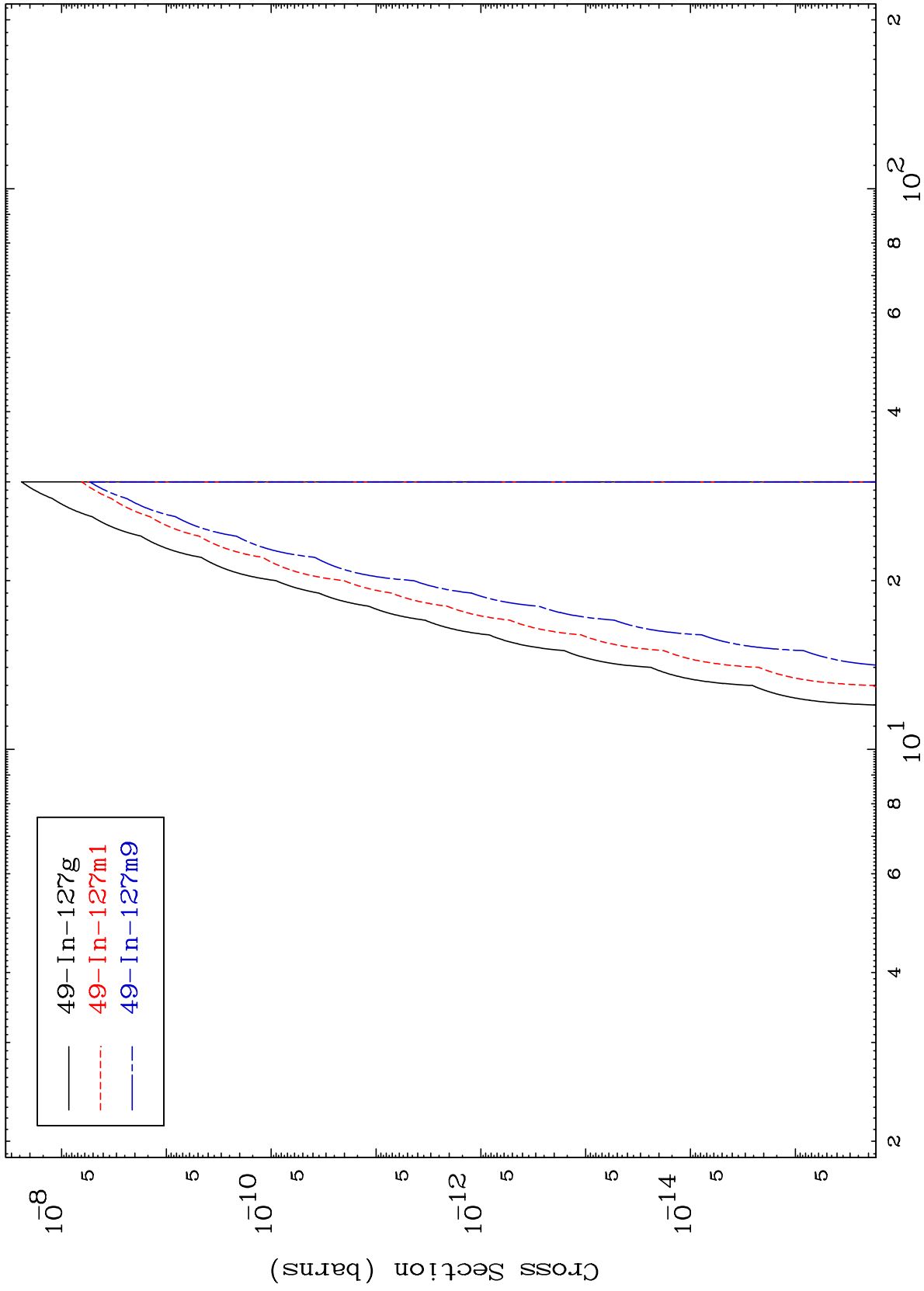
51-Sb-130

MAT 5152

(d,p)  $\alpha$

51-Sb-130

Radionuclide Production Cross Section



49-In-127g  
49-In-127m1  
49-In-127m9

30

Incident Energy (MeV)

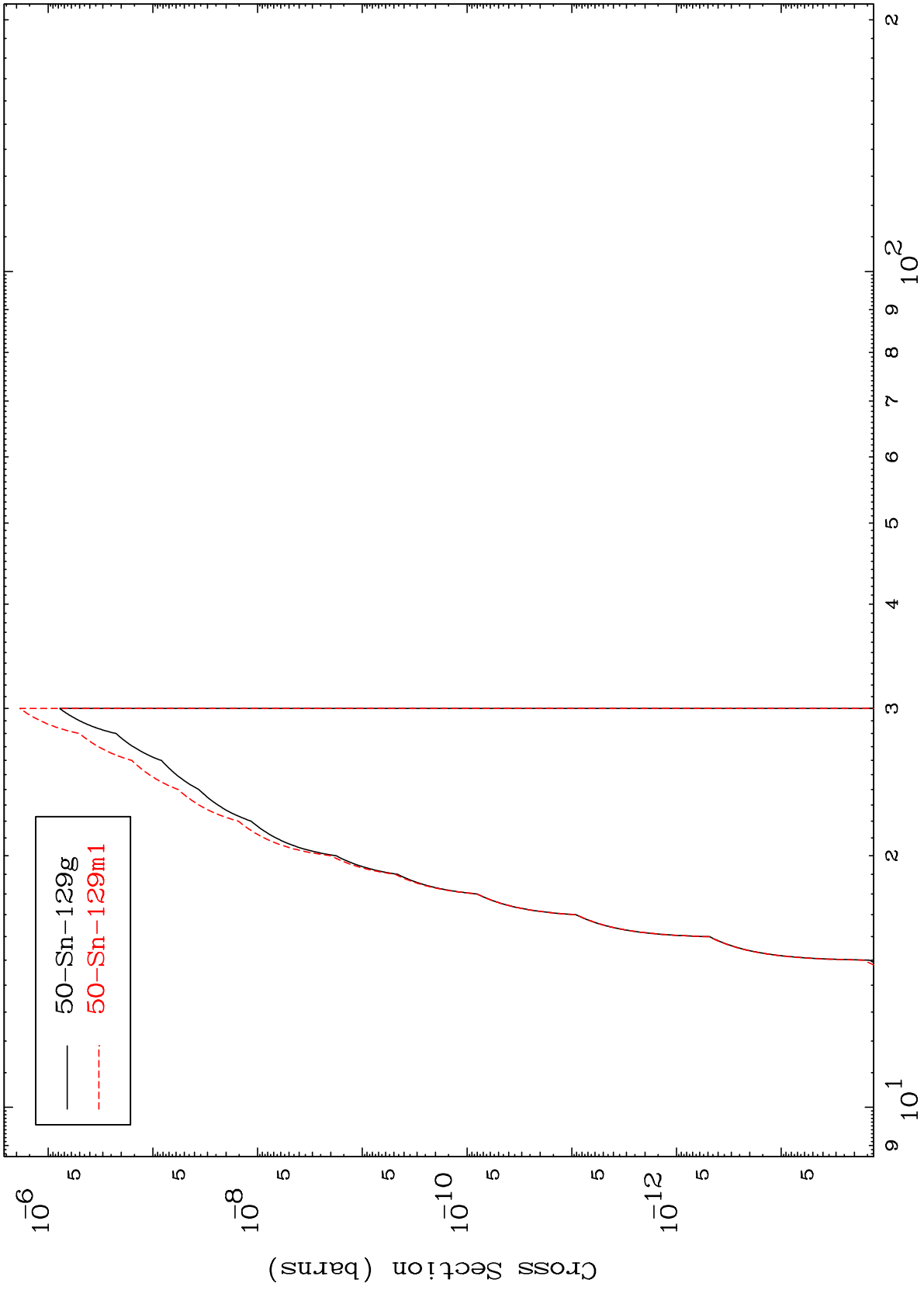
51-Sb-130

MAT 5152

(d,p) d

51-Sb-130

Radionuclide Production Cross Section



31

Incident Energy (MeV)

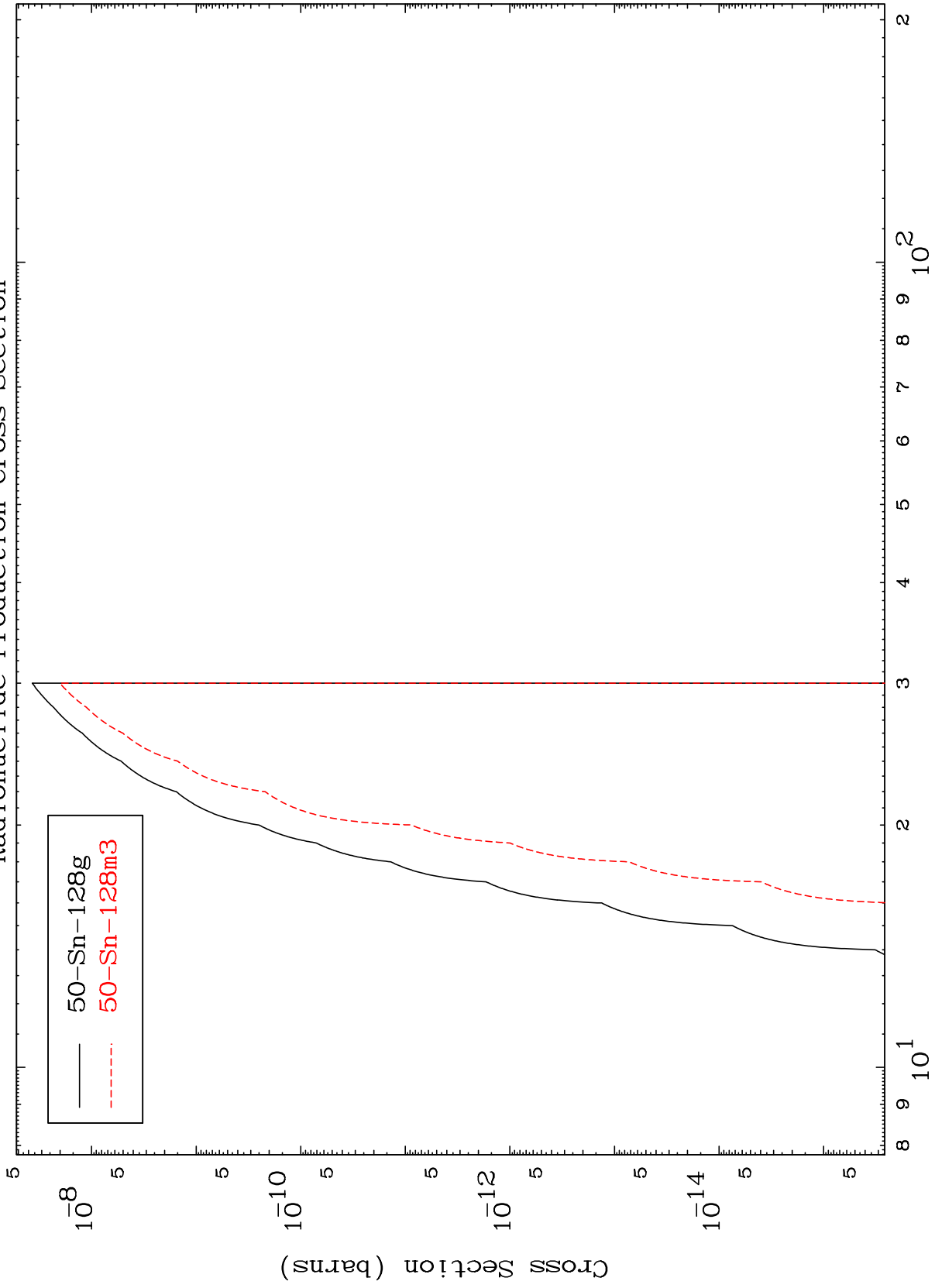
51-Sb-130

MAT 5152

(d,p) t

51-Sb-130

Radionuclide Production Cross Section



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

32

Incident Energy (MeV)

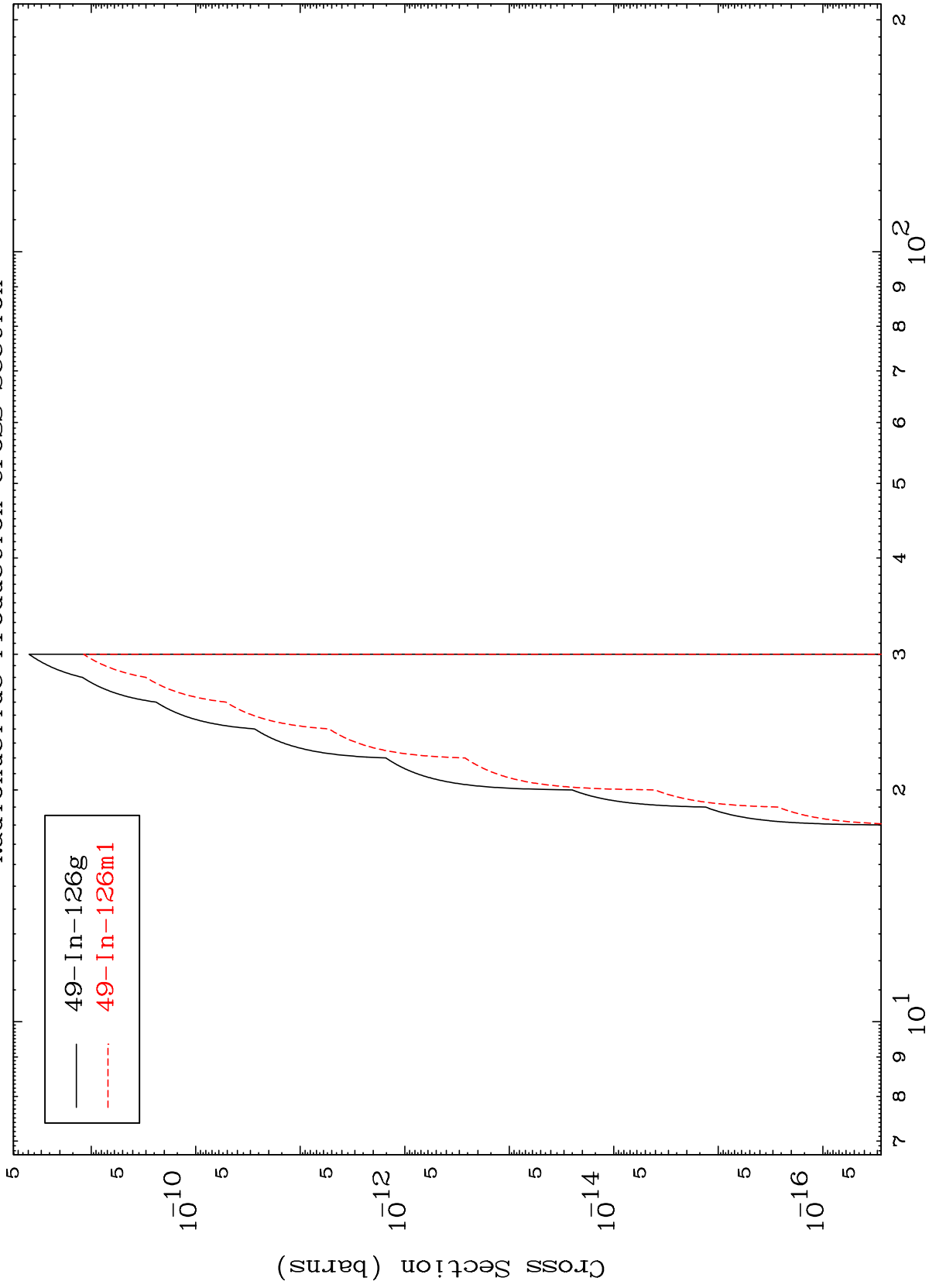
51-Sb-130

MAT 5152

(d,d)  $\alpha$

51-Sb-130

Radionuclide Production Cross Section



49-In-126g  
49-In-126m1

33

Incident Energy (MeV)

51-Sb-130