

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

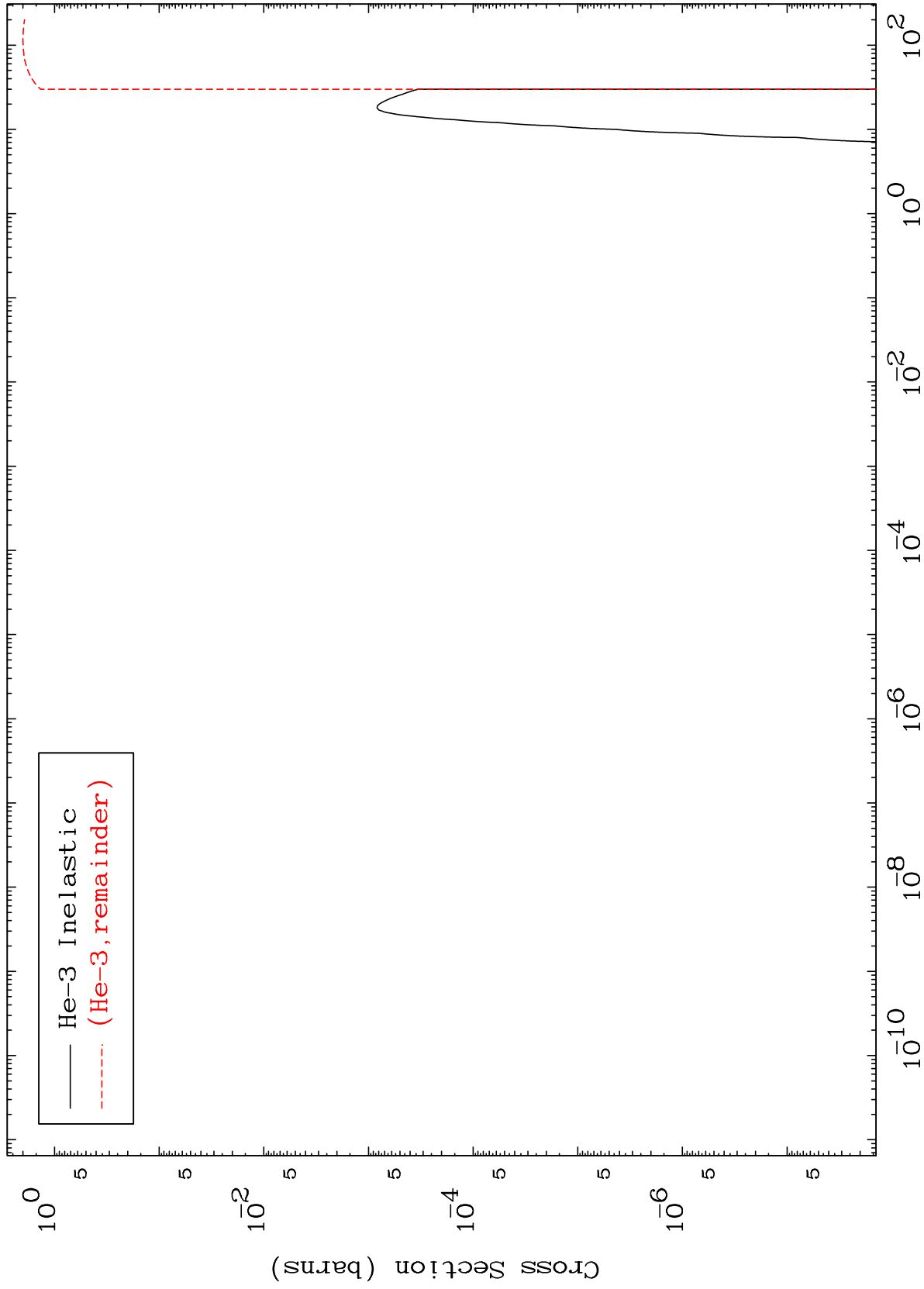
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5152

He-3 Major  
0 Kelvin Cross Sections

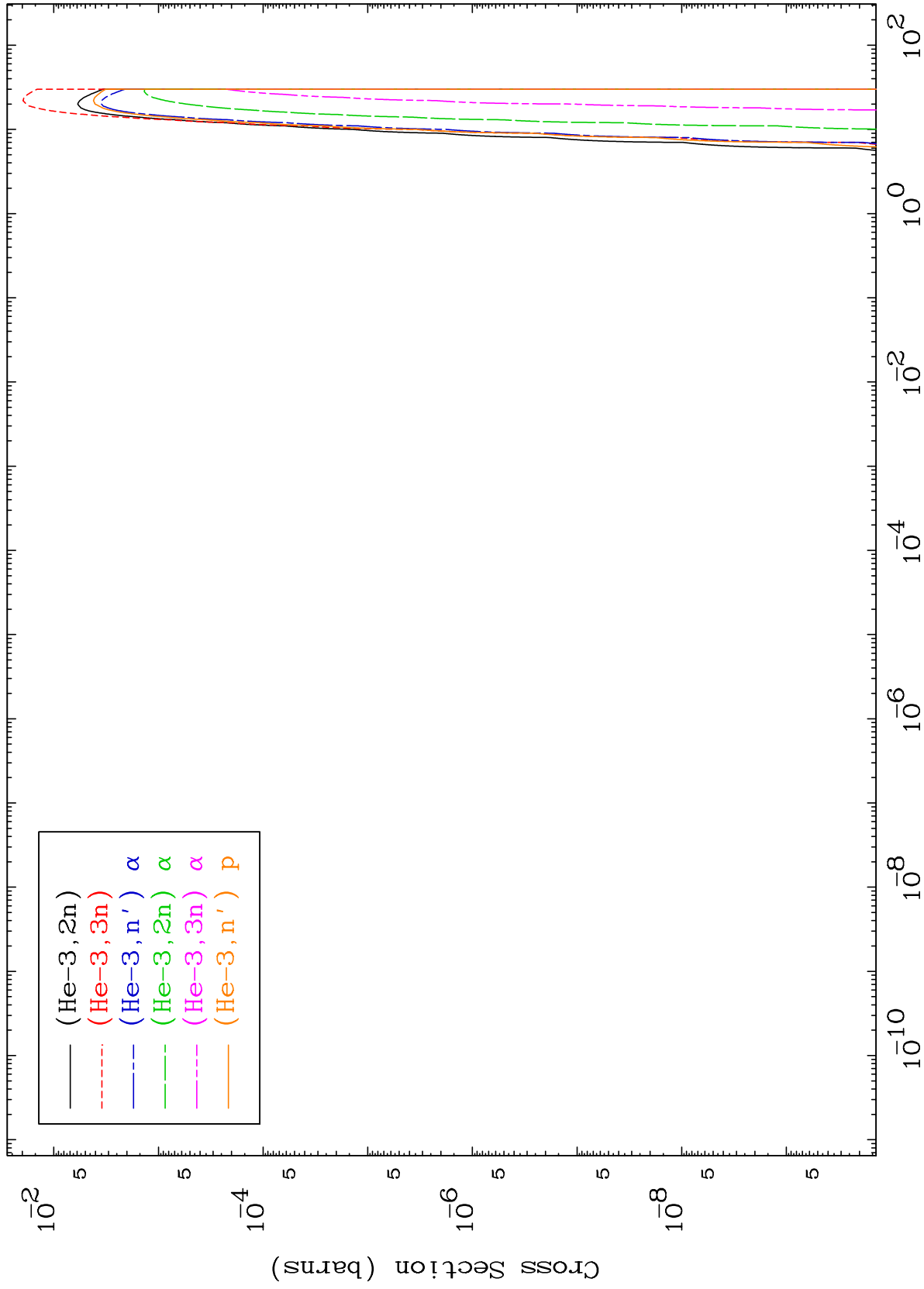
51-Sb-130

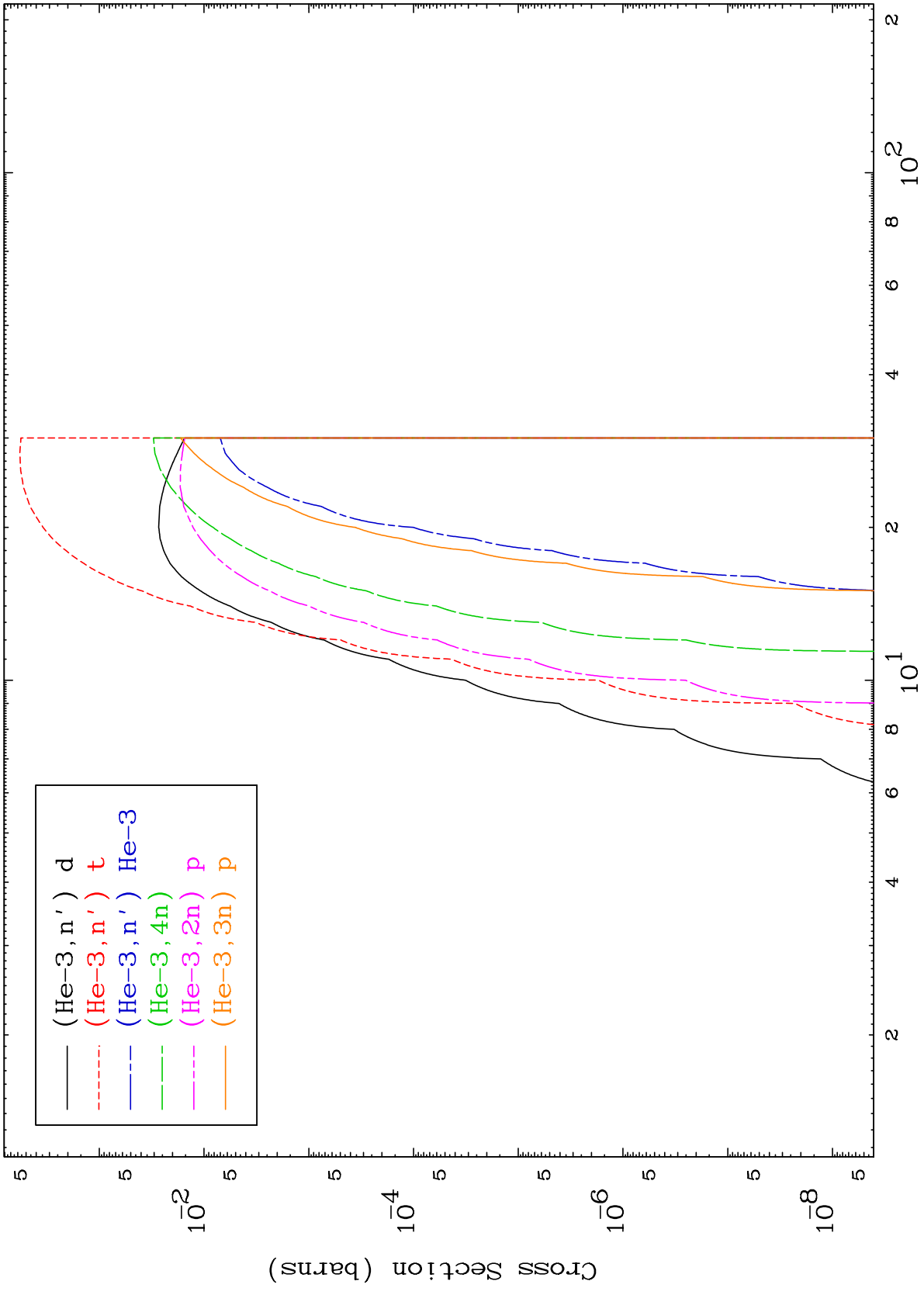


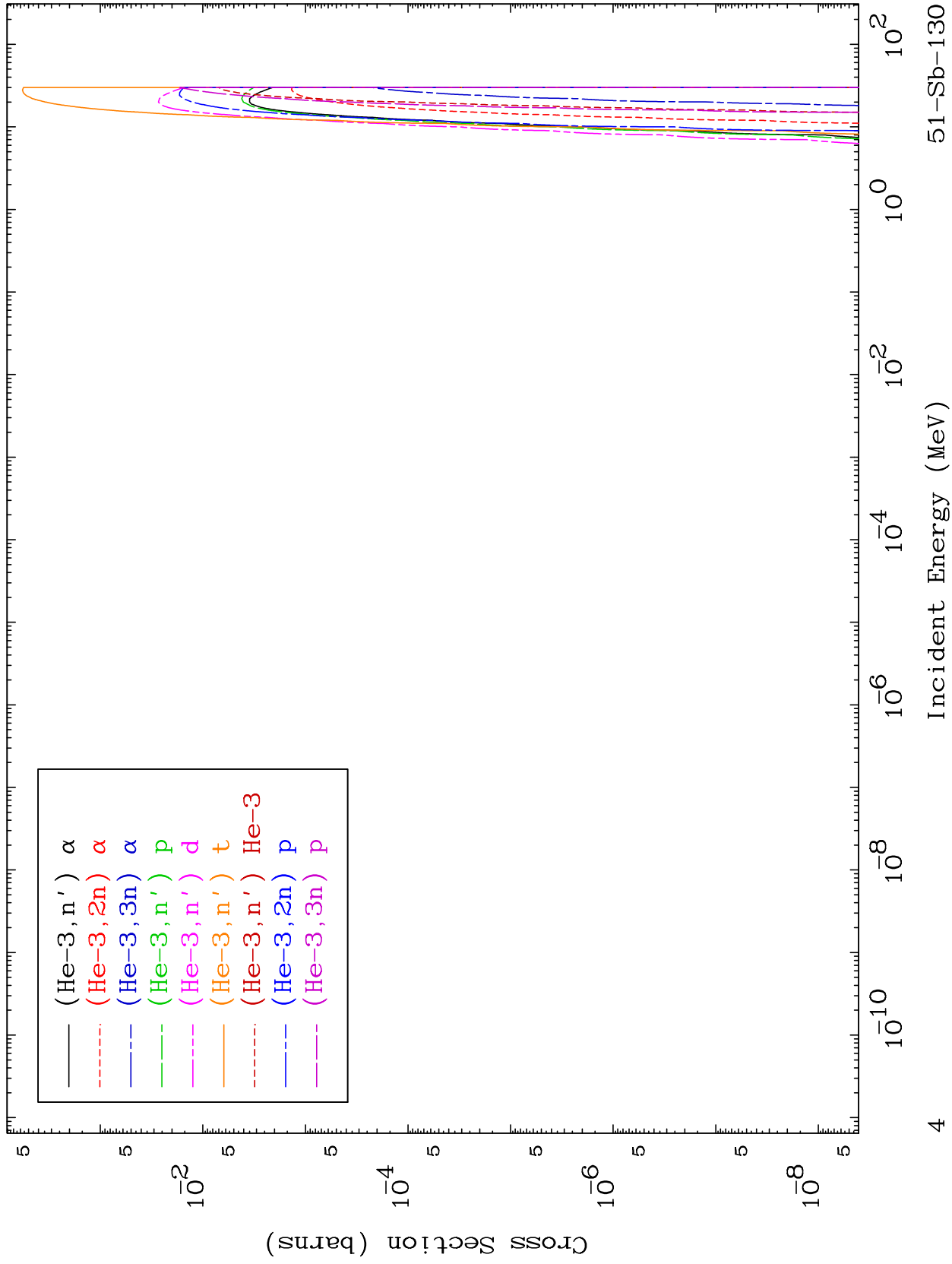
MAT 5152

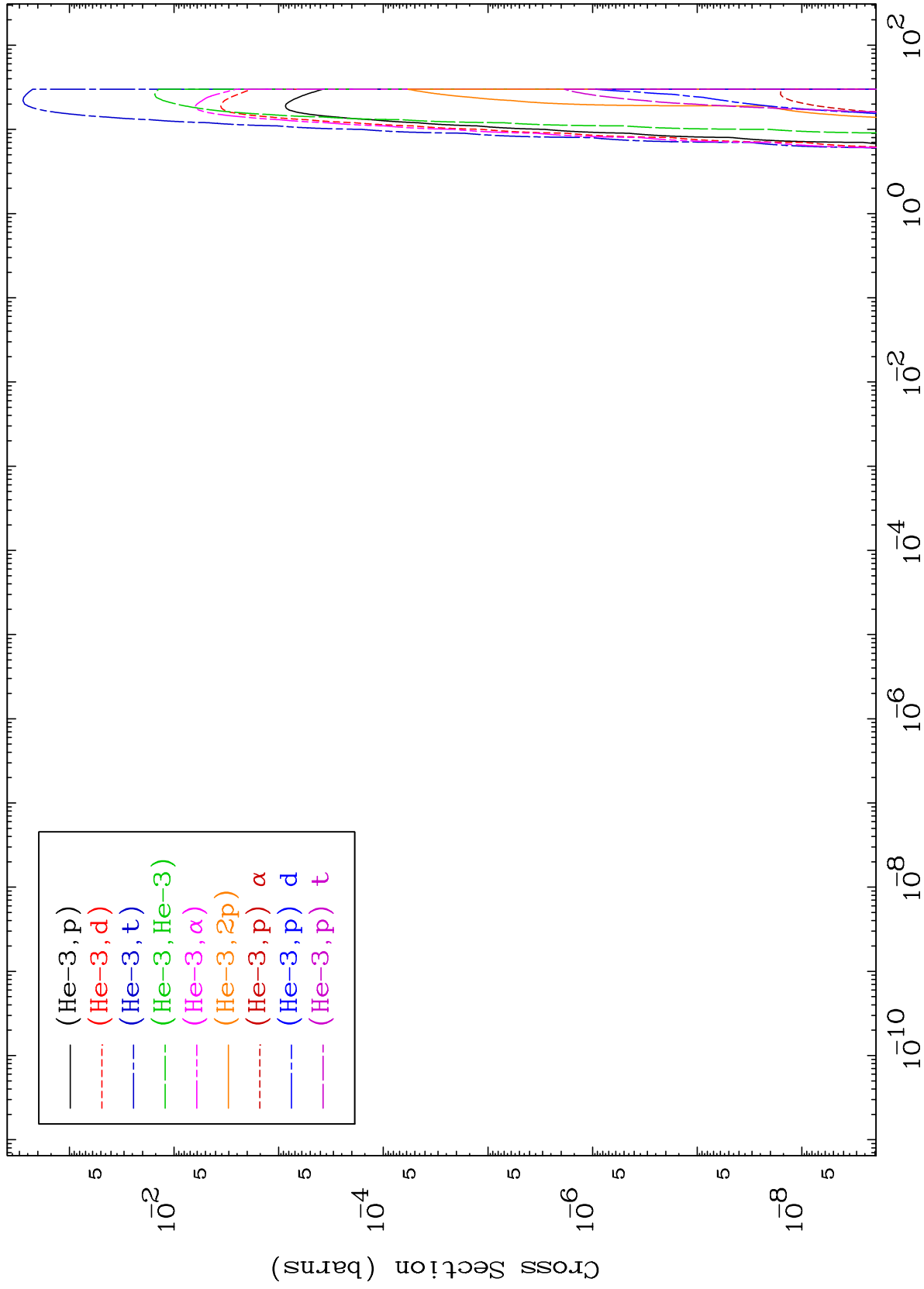
He-3 Neutron Production  
0 Kelvin Cross Sections

51-Sb-130





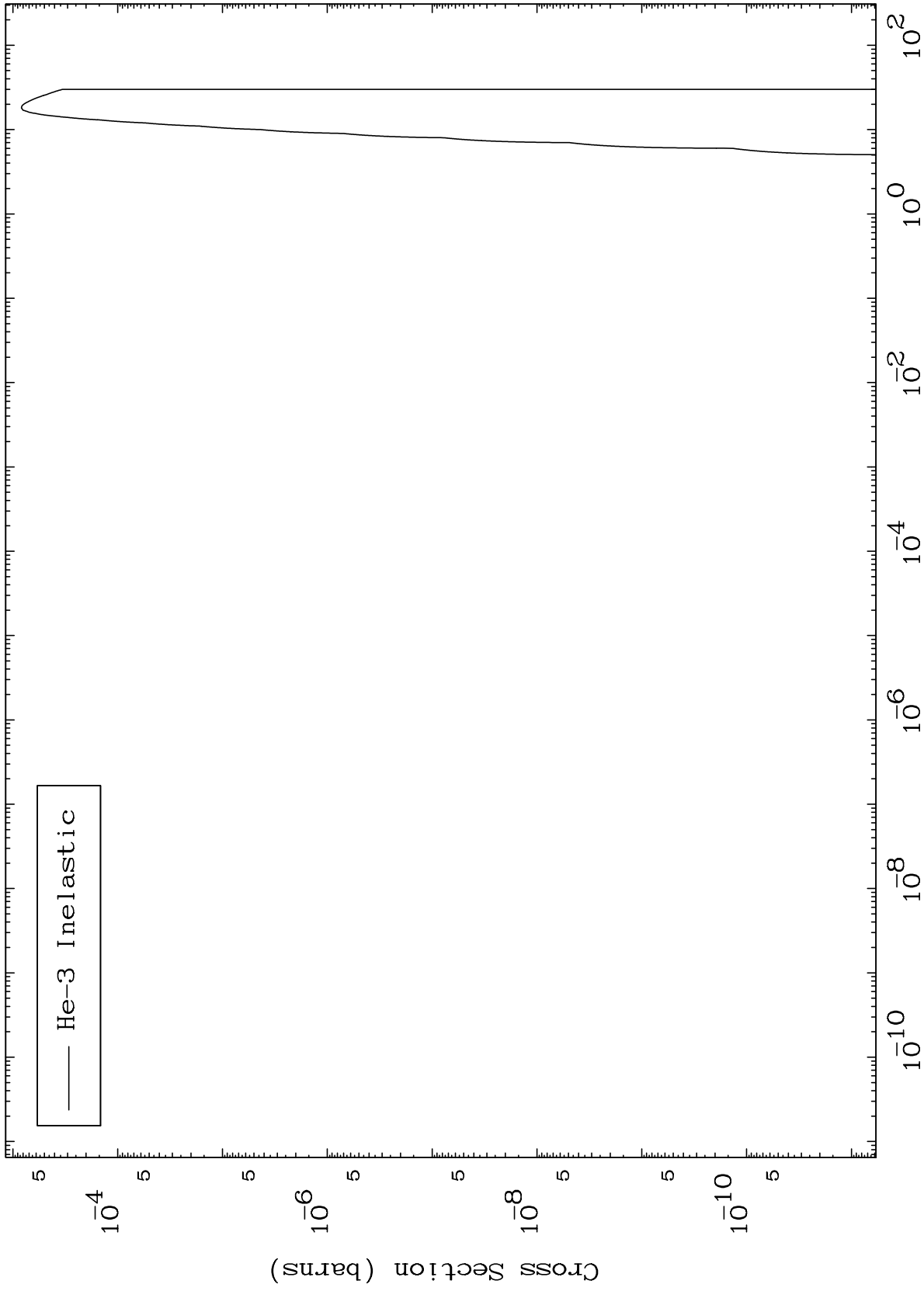




MAT 5152

(He-3, n') Level  
0 Kelvin Cross Sections

51-Sb-130



6

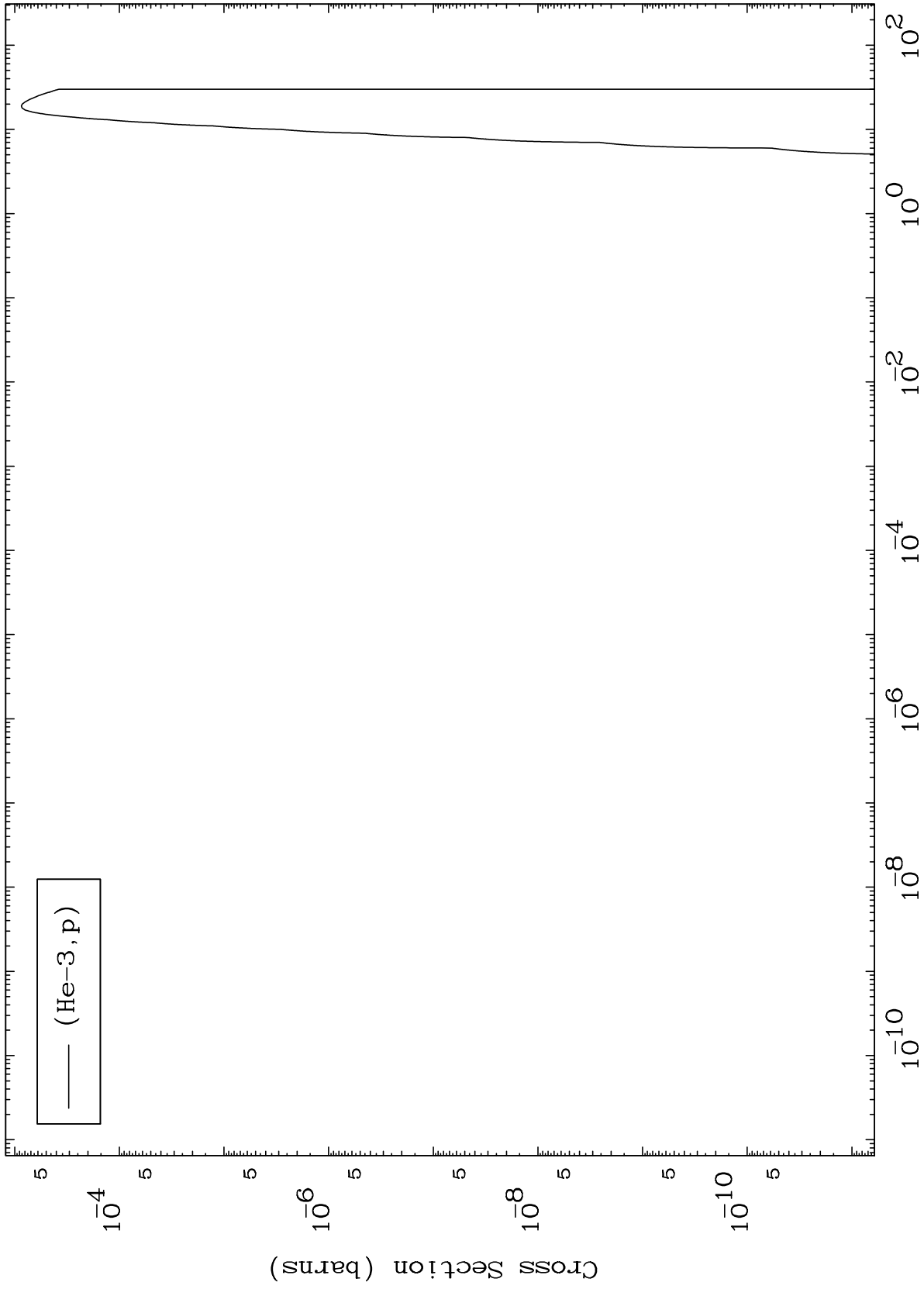
Incident Energy (MeV)

51-Sb-130

MAT 5152

(He-3,p) Levels  
0 Kelvin Cross Sections

51-Sb-130



7

Incident Energy (MeV)

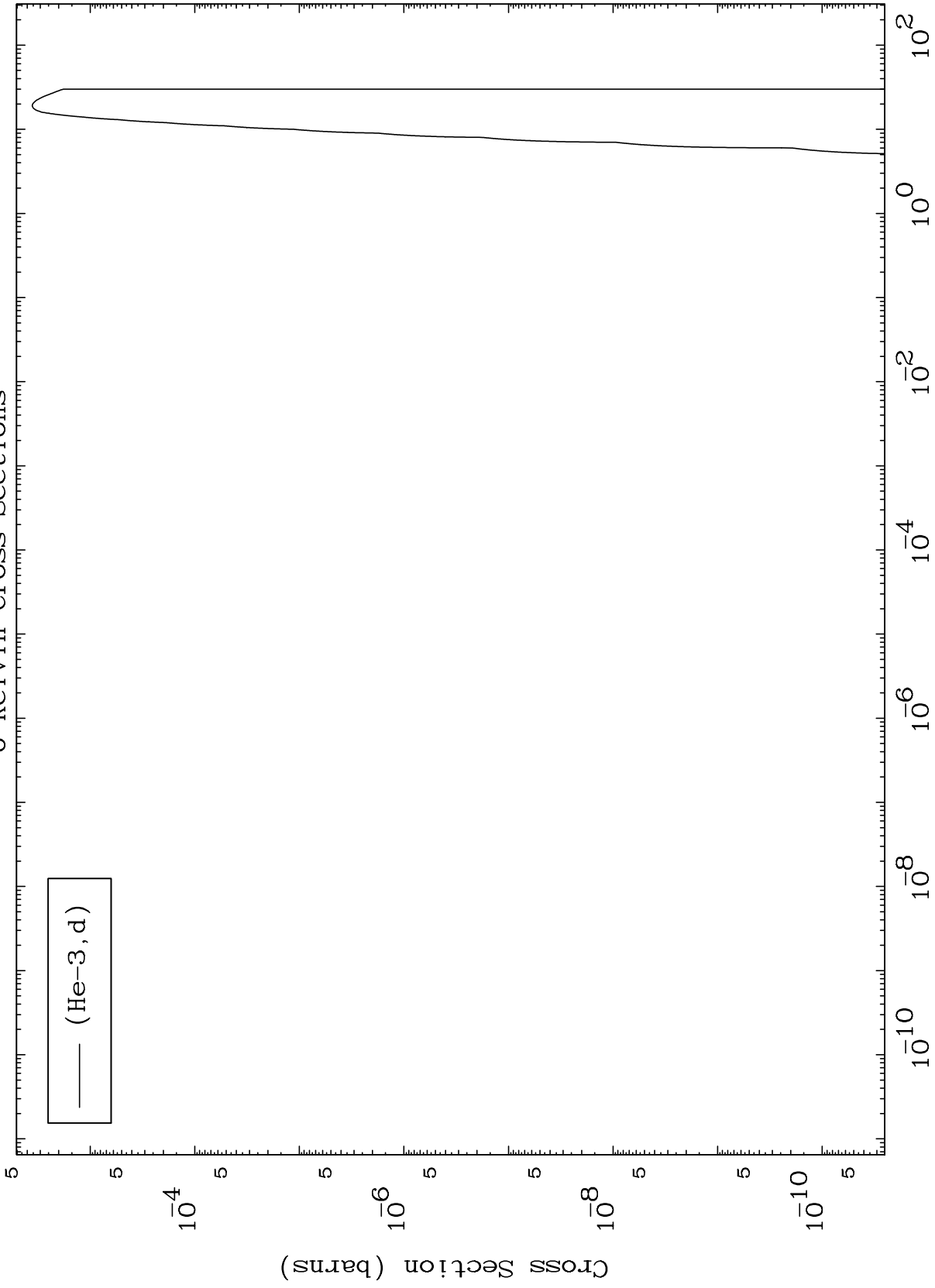
51-Sb-130



MAT 5152

(He-3,d) Levels  
0 Kelvin Cross Sections

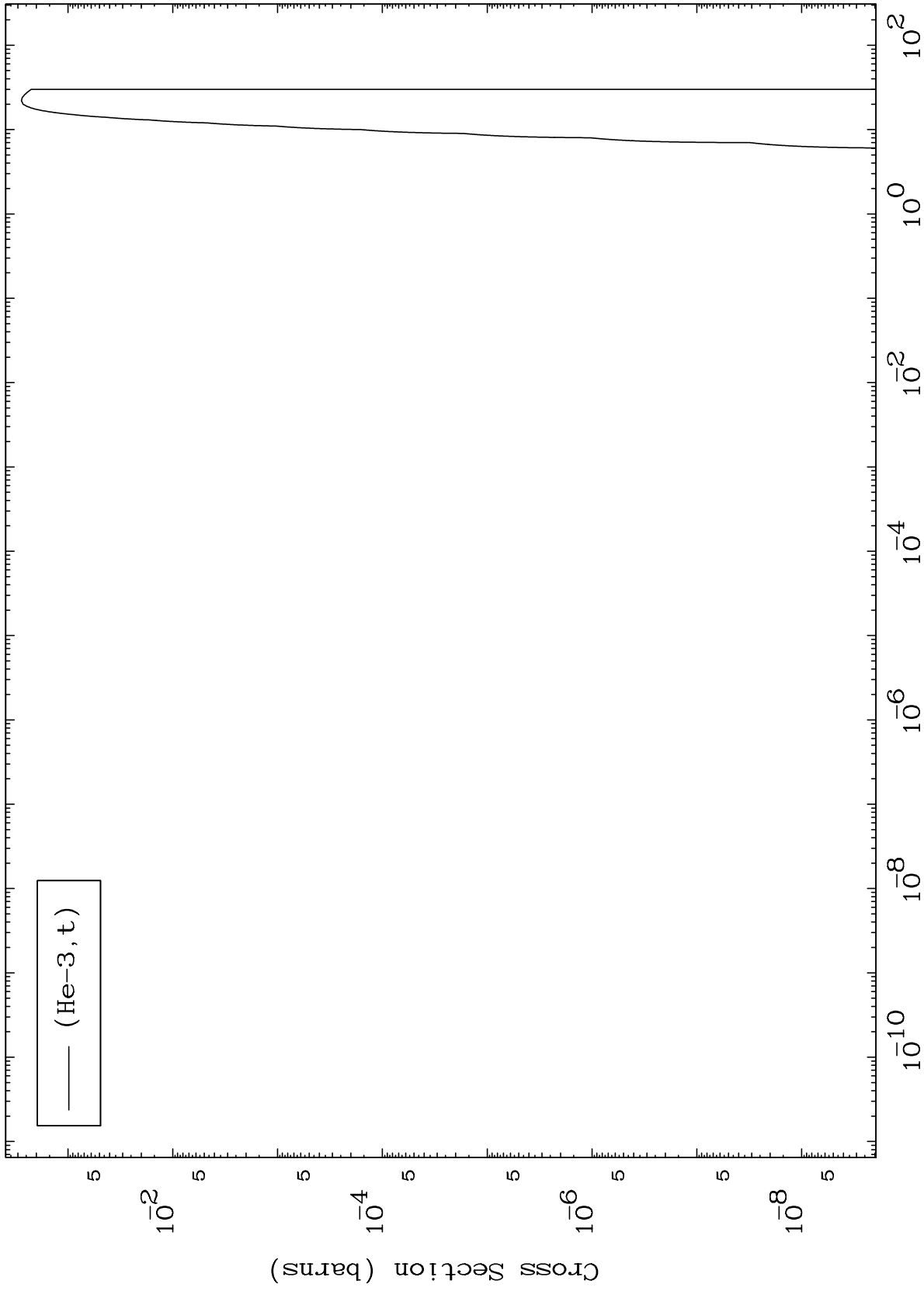
51-Sb-130



MAT 5152

(He-3,t) Levels  
0 Kelvin Cross Sections

51-Sb-130



9

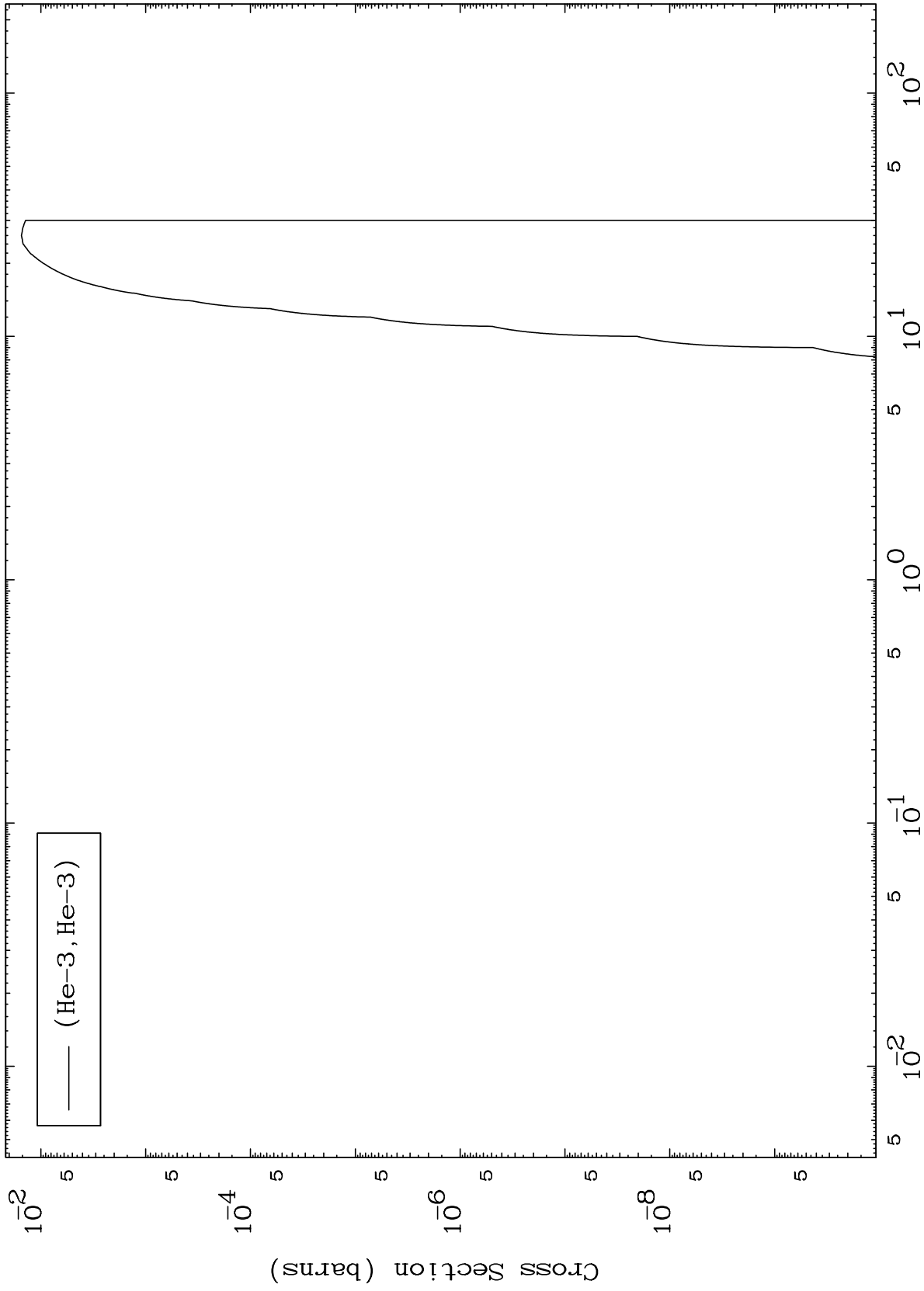
Incident Energy (MeV)

51-Sb-130

MAT 5152

(He-3, He3) Levels  
0 Kelvin Cross Sections

51-Sb-130



10

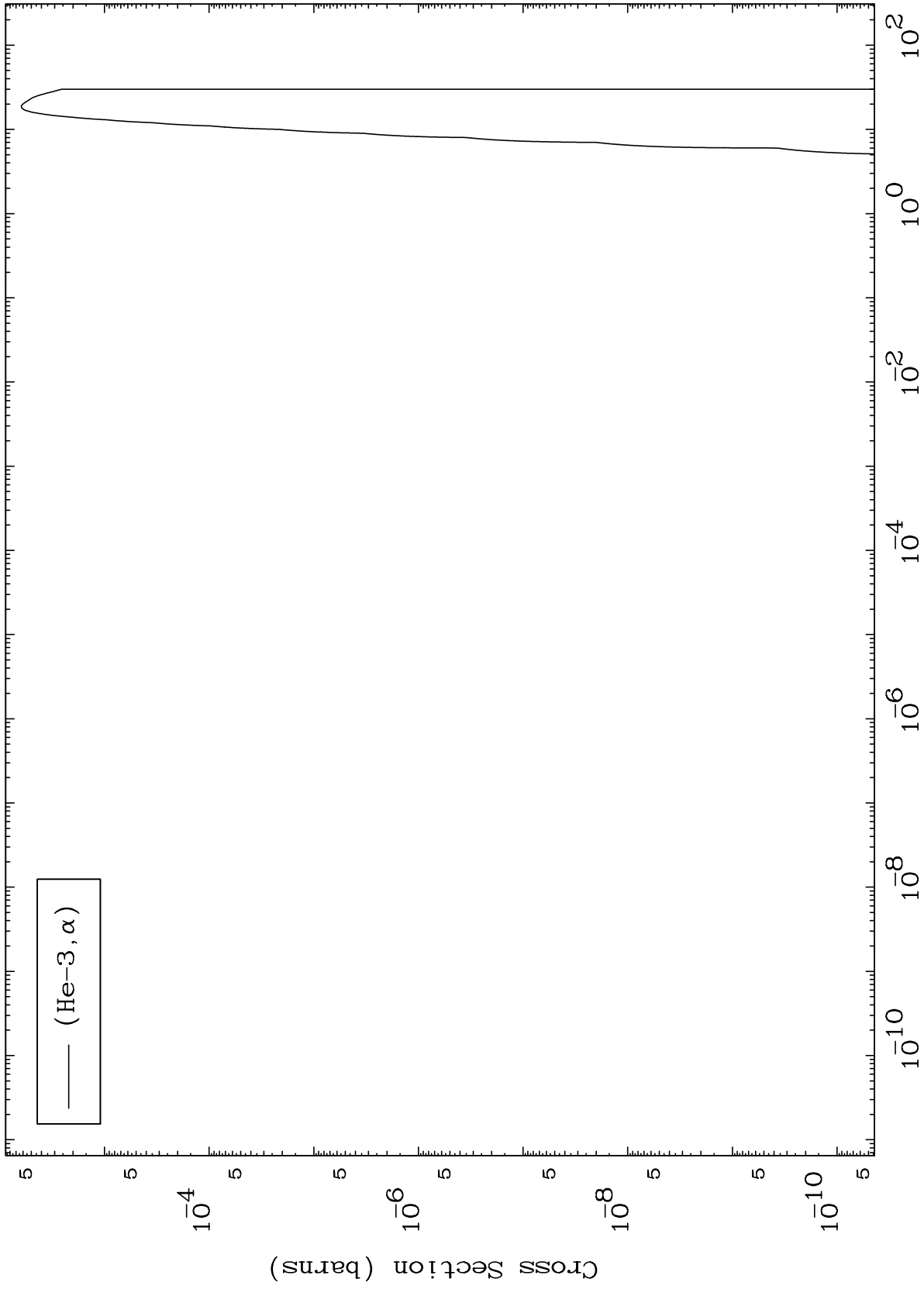
Incident Energy (MeV)

51-Sb-130

MAT 5152

(He-3,  $\alpha$ ) Levels  
0 Kelvin Cross Sections

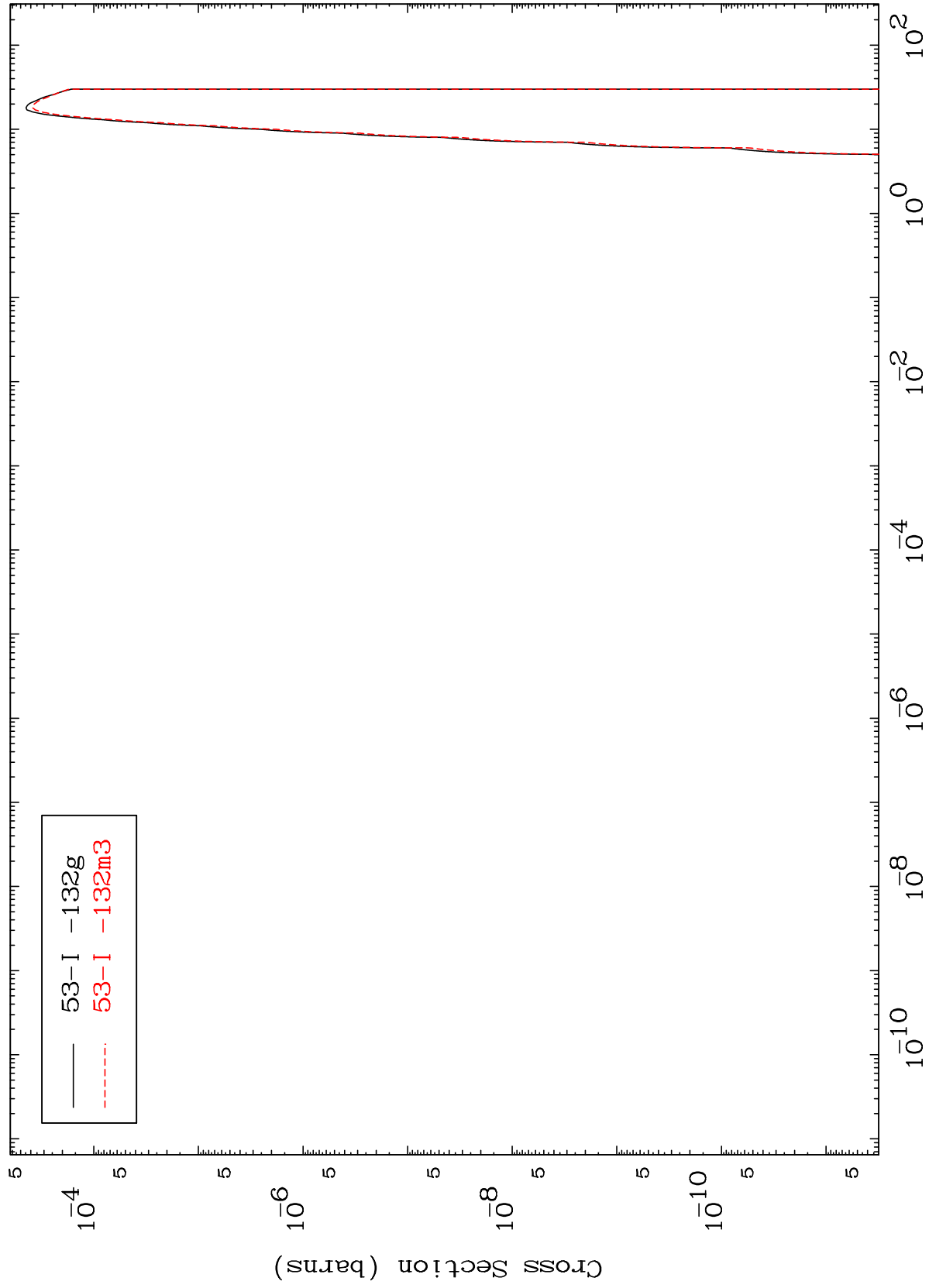
51-Sb-130



MAT 5152

He-3 Inelastic  
Radionuclide Production Cross Section

51-Sb-130

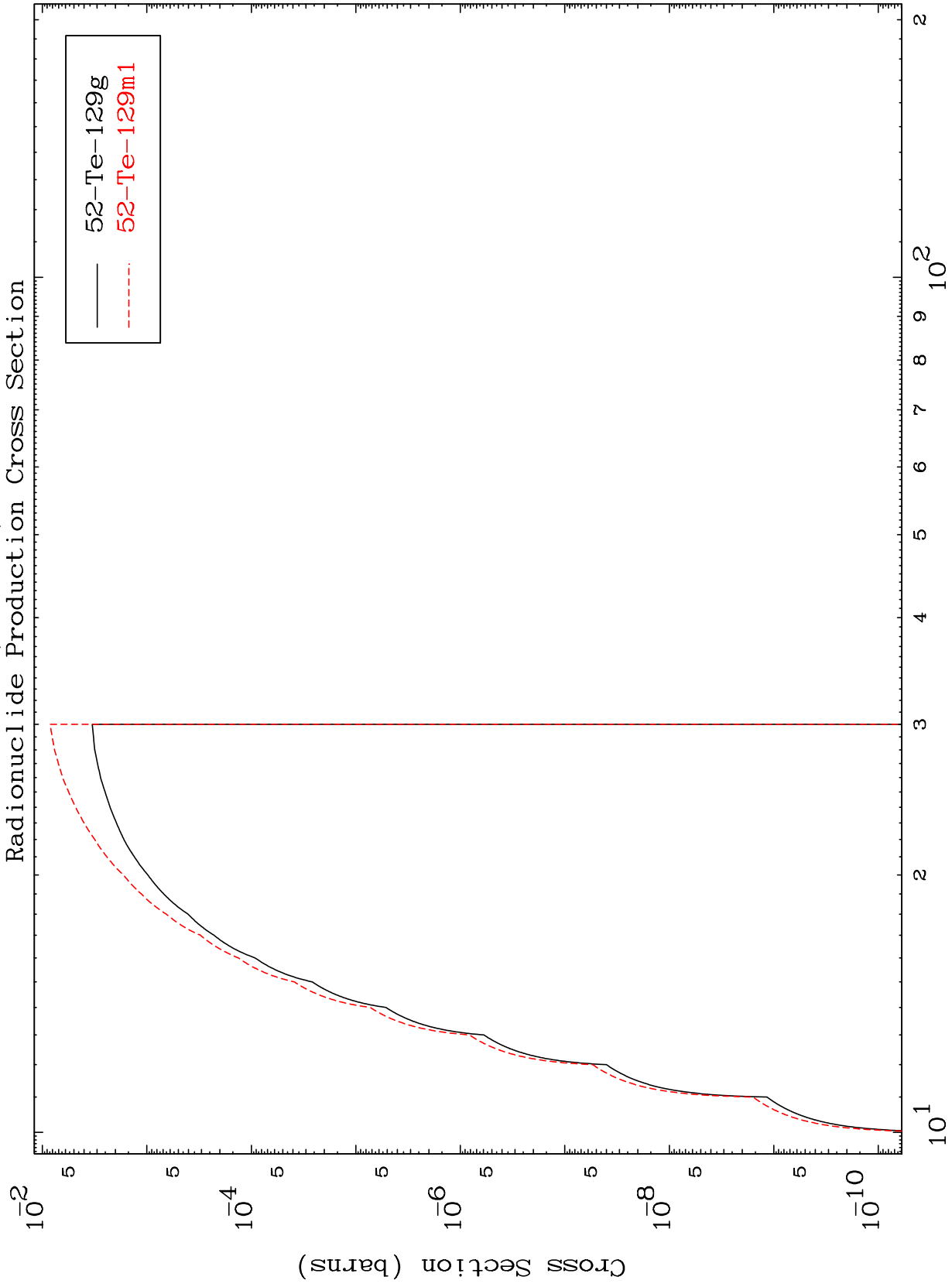


51-Sb-130

MAT 5152

(He-3,2n) d

51-Sb-130



13

Incident Energy (MeV)

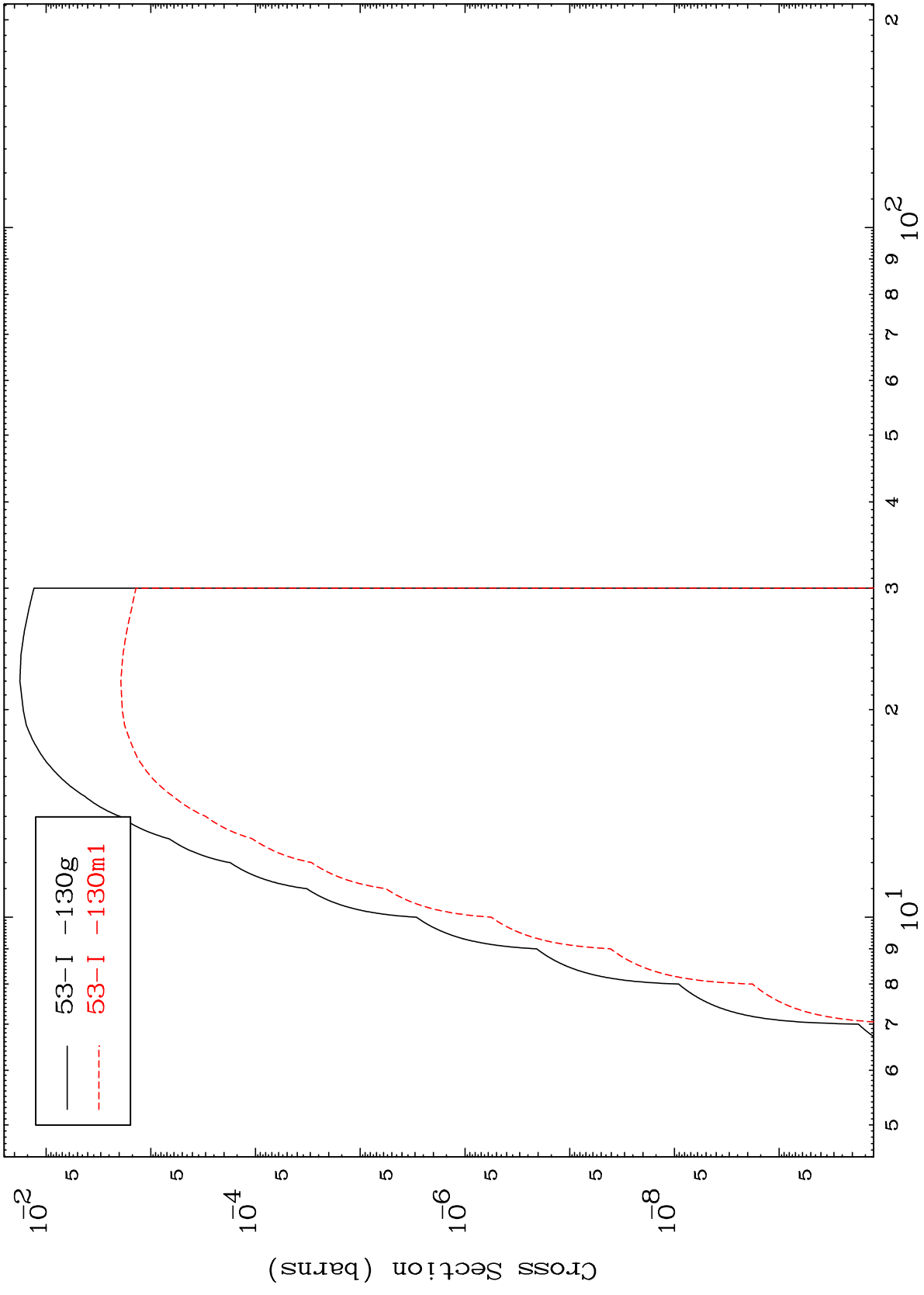
51-Sb-130

MAT 5152

(He-3,3n)

51-Sb-130

Radionuclide Production Cross Section



53-I -130g  
53-I -130m1

14

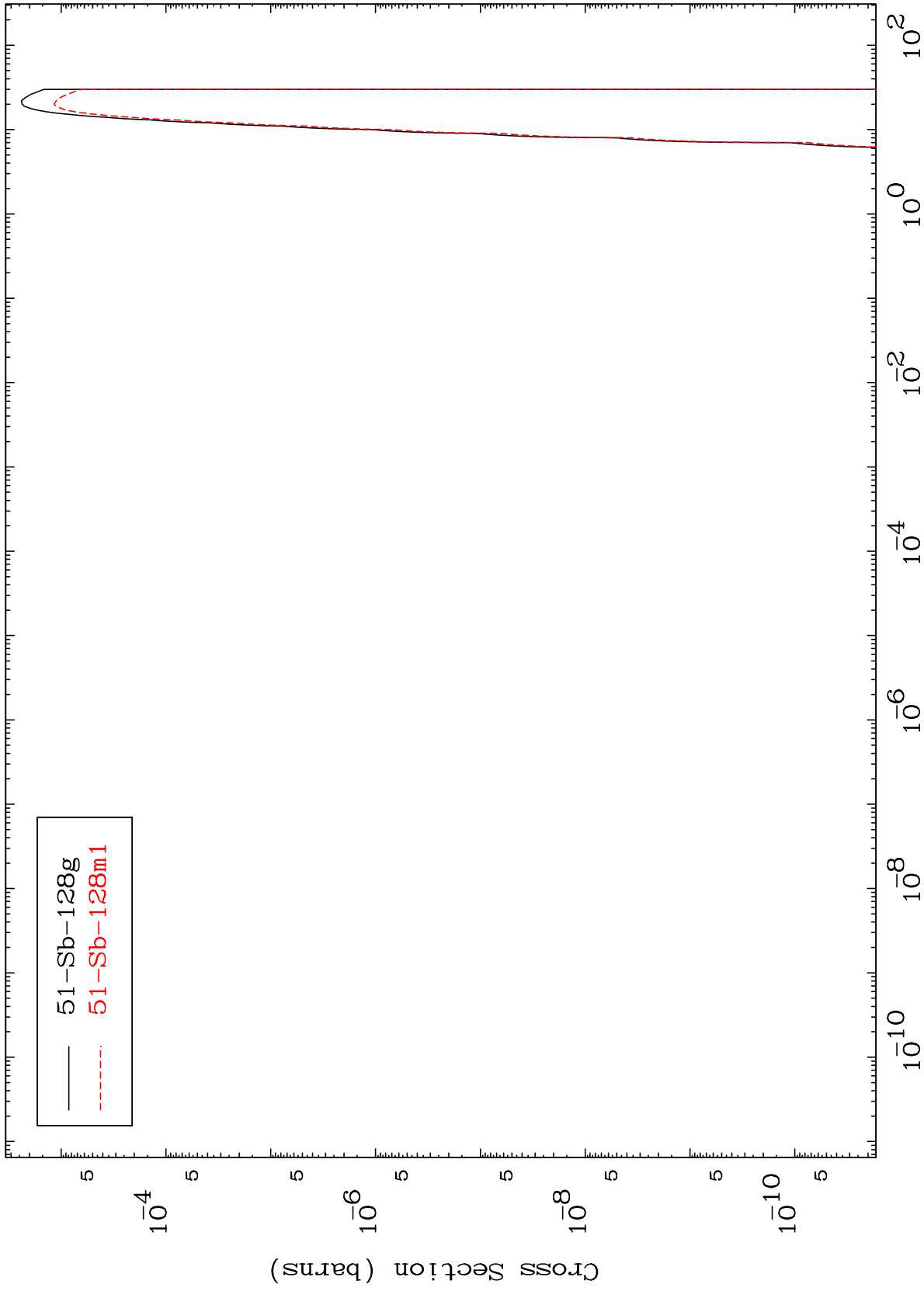
Incident Energy (MeV)

51-Sb-130

MAT 5152

(He-3, n')  $\alpha$   
Radionuclide Production Cross Section

51-Sb-130



15

Incident Energy (MeV)

51-Sb-130

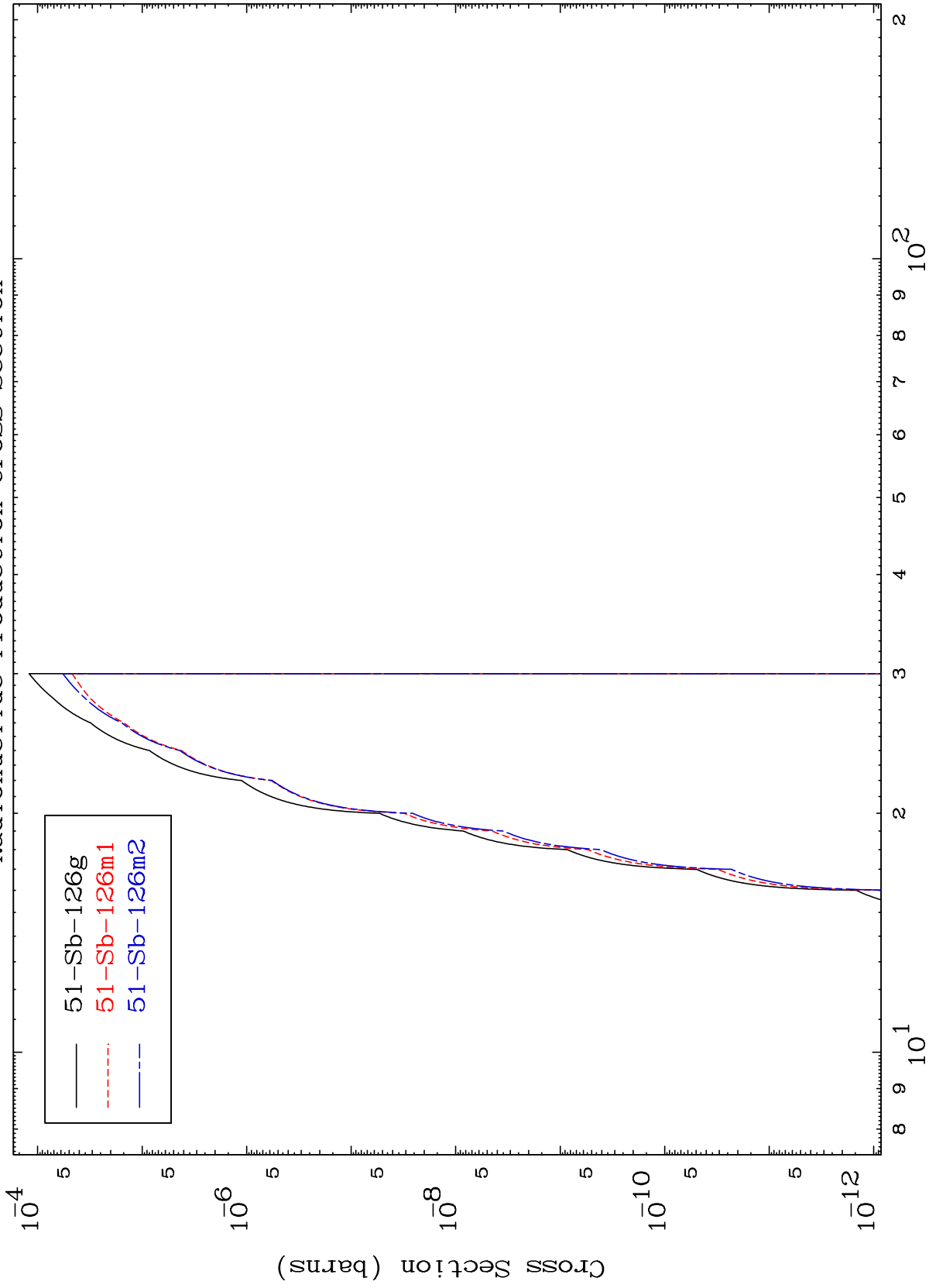


MAT 5152

(He-3,3n)  $\alpha$

51-Sb-130

Radionuclide Production Cross Section



16

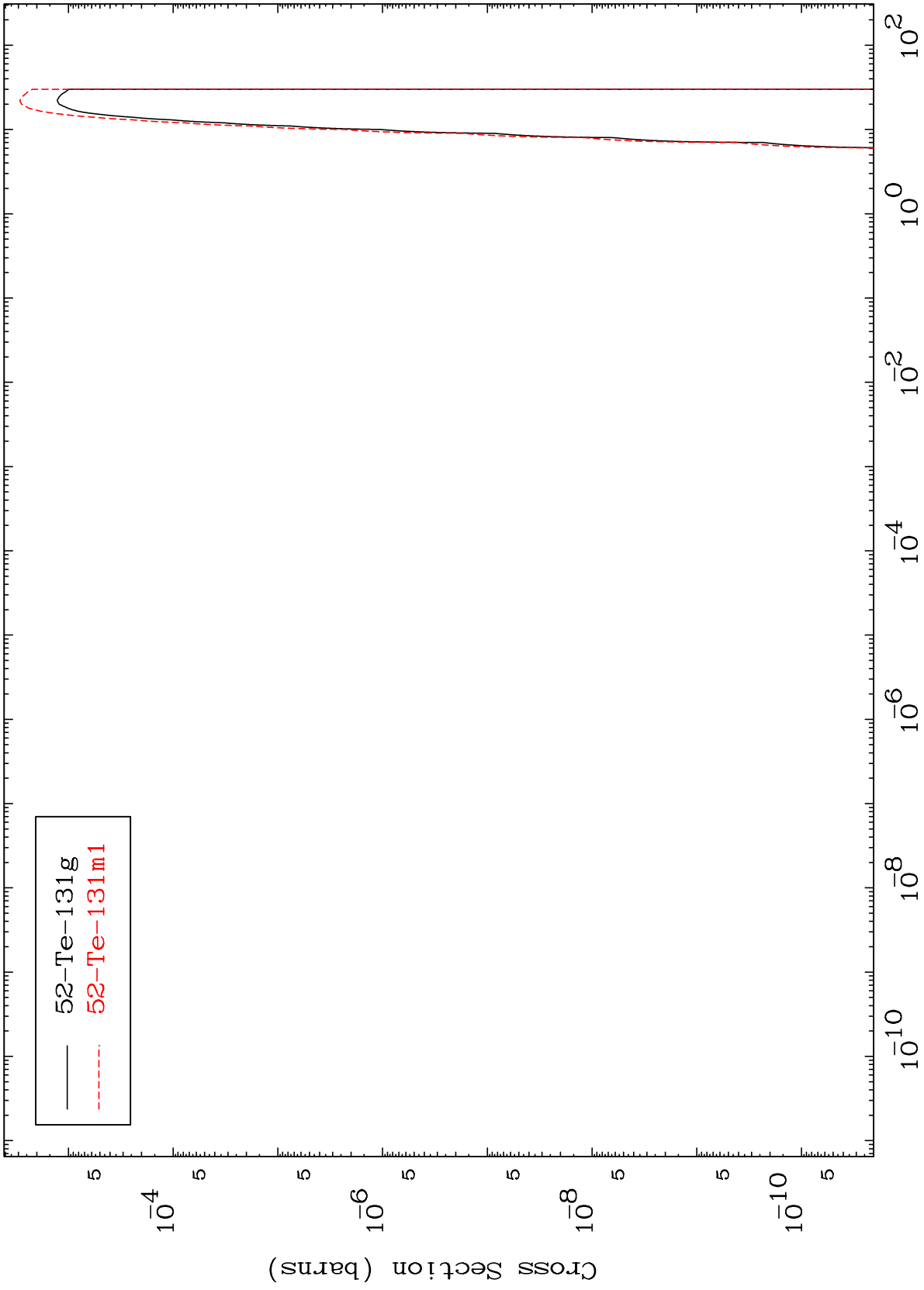
Incident Energy (MeV)

51-Sb-130

MAT 5152

(He-3, n') p  
Radionuclide Production Cross Section

51-Sb-130



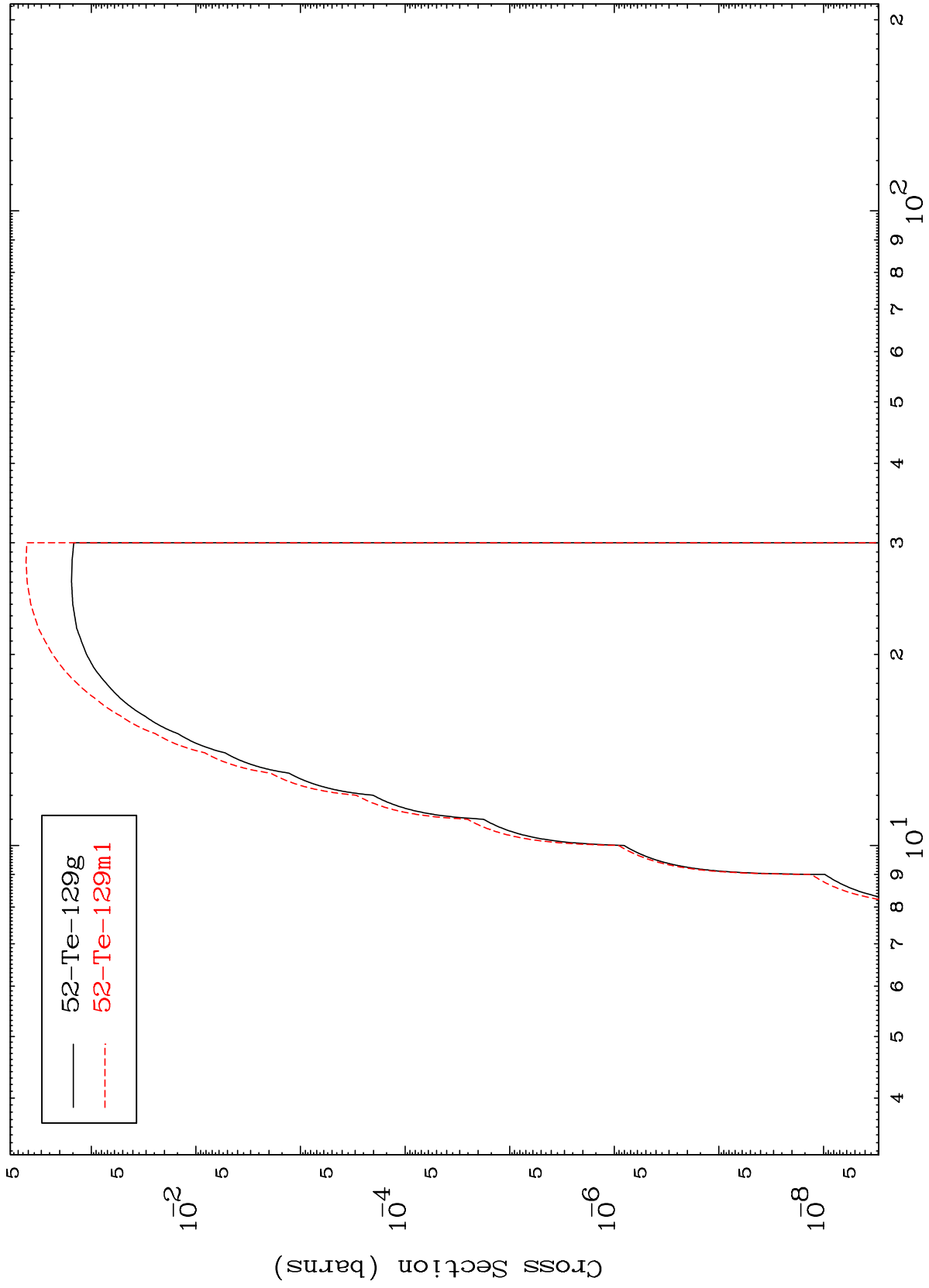
51-Sb-130

MAT 5152

(He-3, n') t

51-Sb-130

Radionuclide Production Cross Section



18

Incident Energy (MeV)

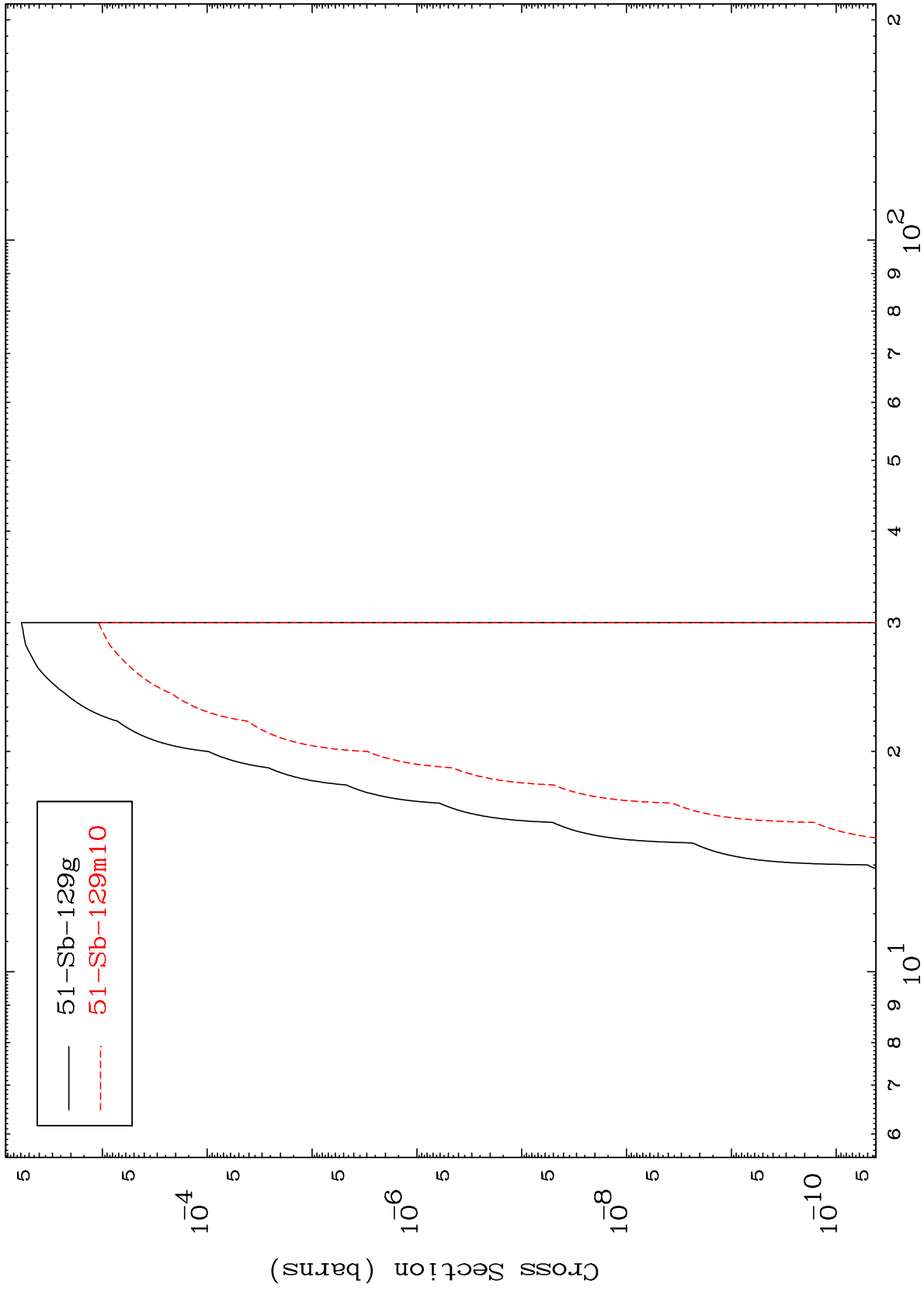
51-Sb-130

MAT 5152

(He-3, n') He-3

51-Sb-130

Radionuclide Production Cross Section



19

Incident Energy (MeV)

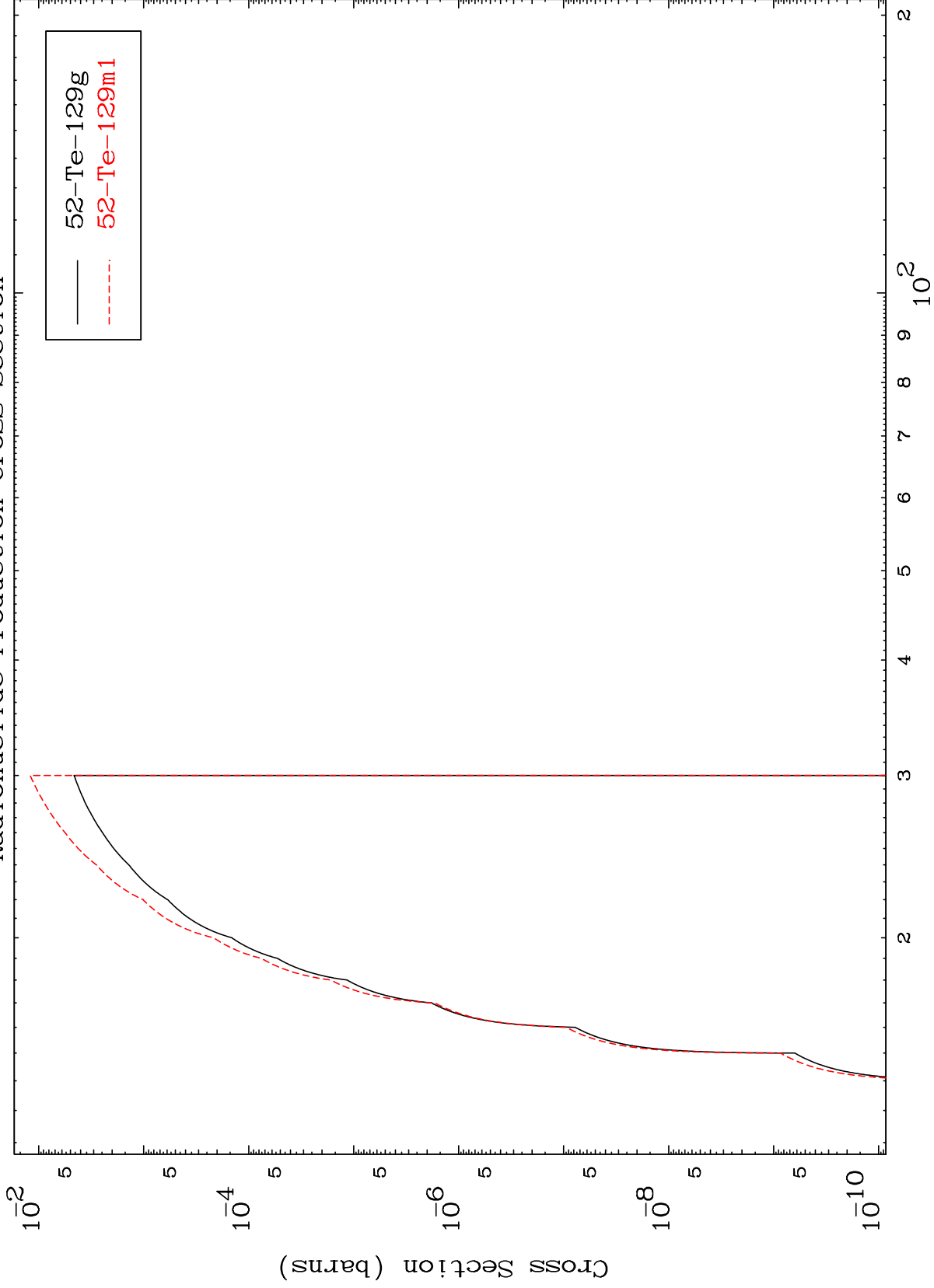
51-Sb-130

MAT 5152

(He-3,3n) p

51-Sb-130

Radionuclide Production Cross Section



20

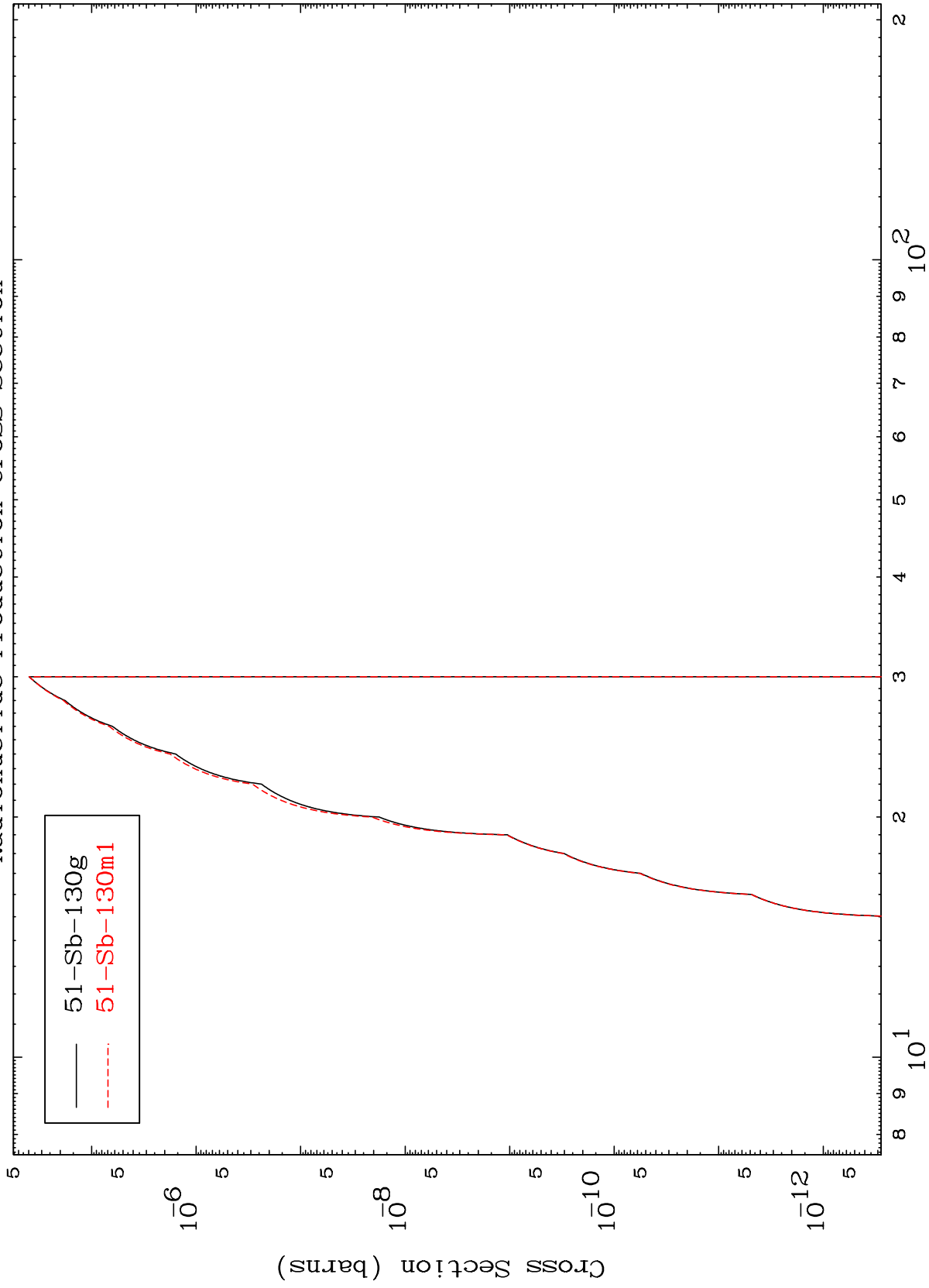
Incident Energy (MeV)

51-Sb-130

MAT 5152

51-Sb-130

(He-3,2n) p  
Radionuclide Production Cross Section



21

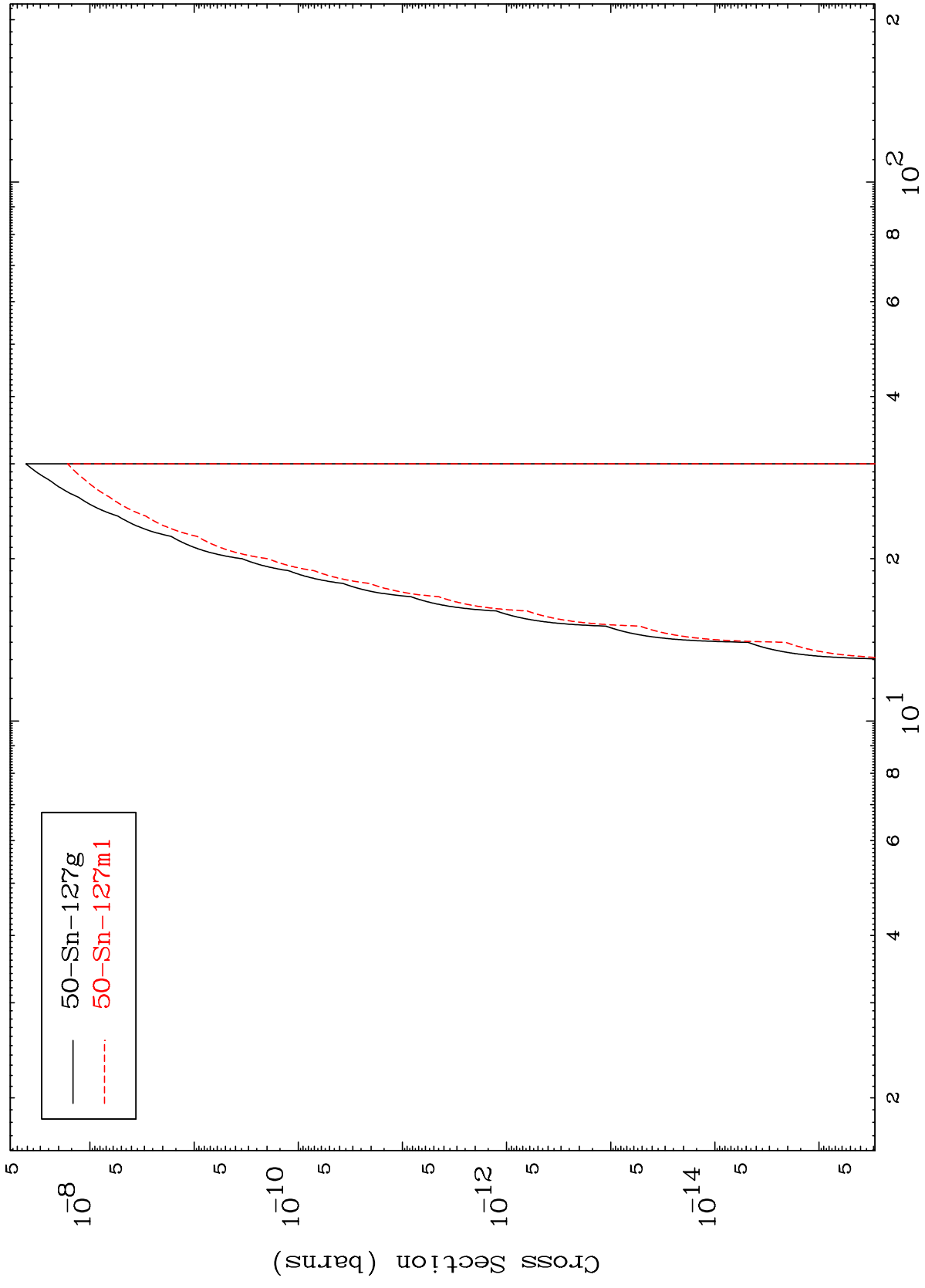
51-Sb-130

Incident Energy (MeV)

MAT 5152

51-Sb-130

(He-3,n') p  $\alpha$   
Radionuclide Production Cross Section



22

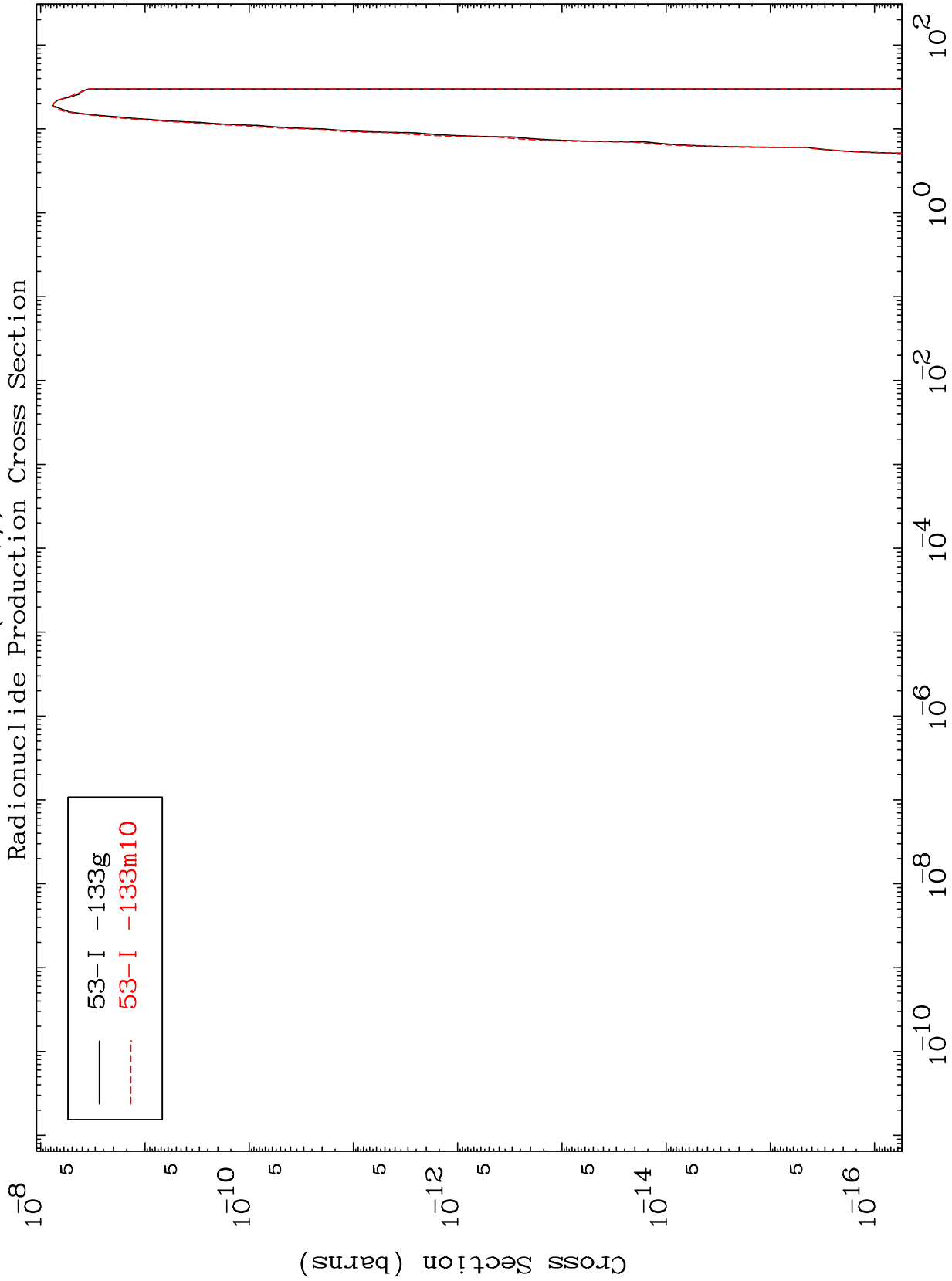
51-Sb-130

MAT 5152

(He-3,γ)

51-Sb-130

Radionuclide Production Cross Section



23

Incident Energy (MeV)

51-Sb-130

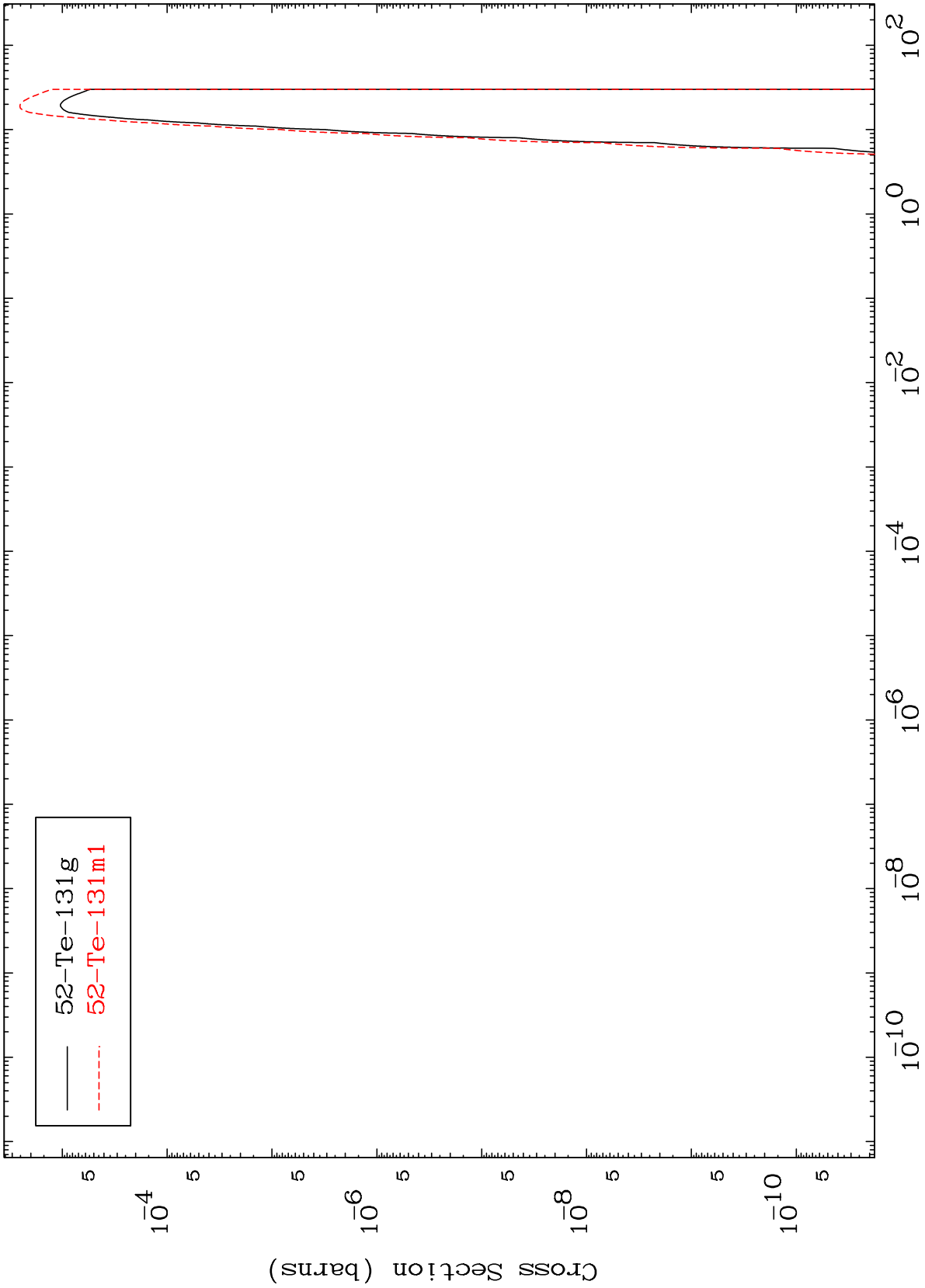


MAT 5152

(He-3,d)

51-Sb-130

Radionuclide Production Cross Section



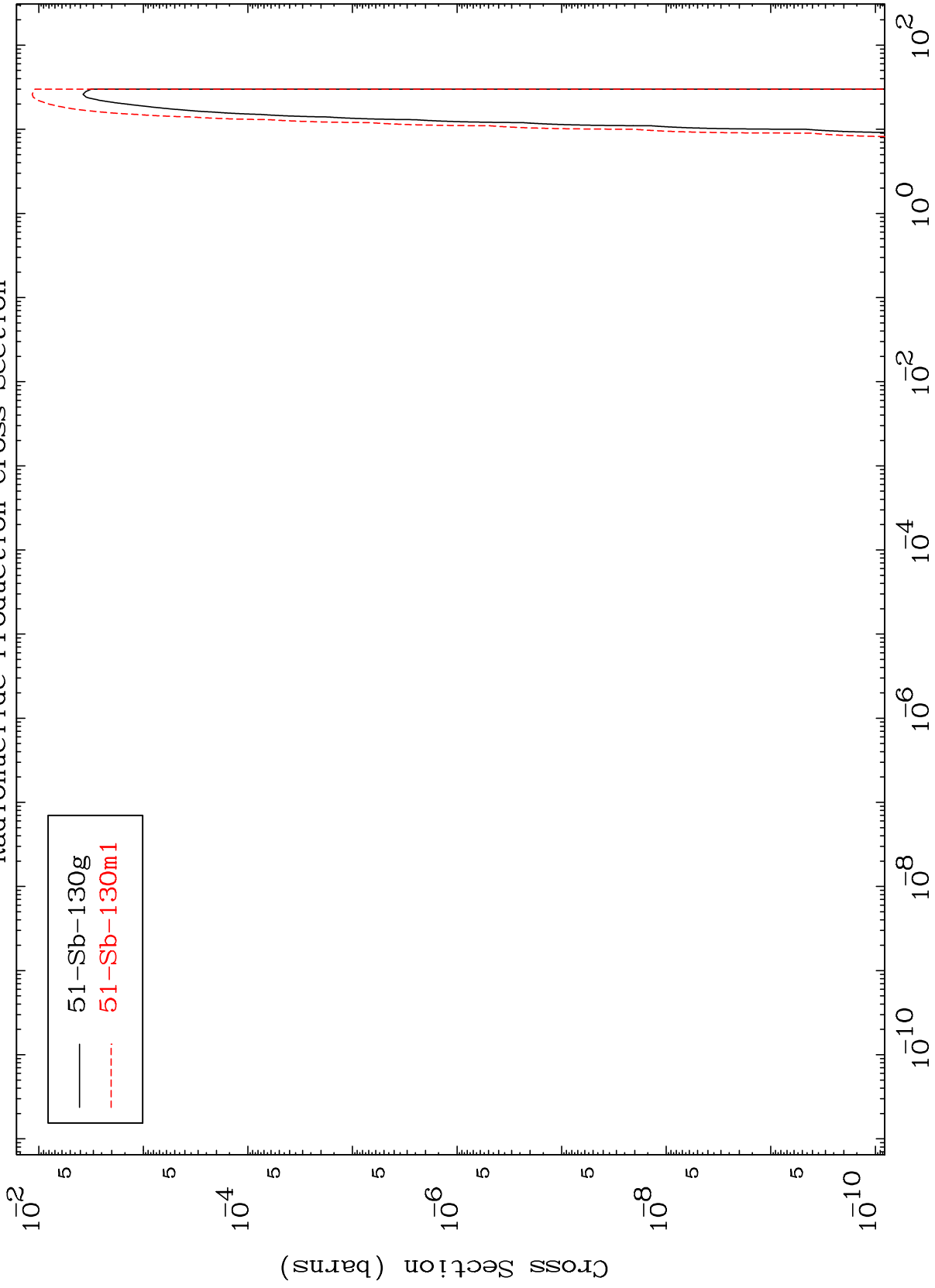
51-Sb-130

MAT 5152

(He-3, He-3)

51-Sb-130

Radionuclide Production Cross Section



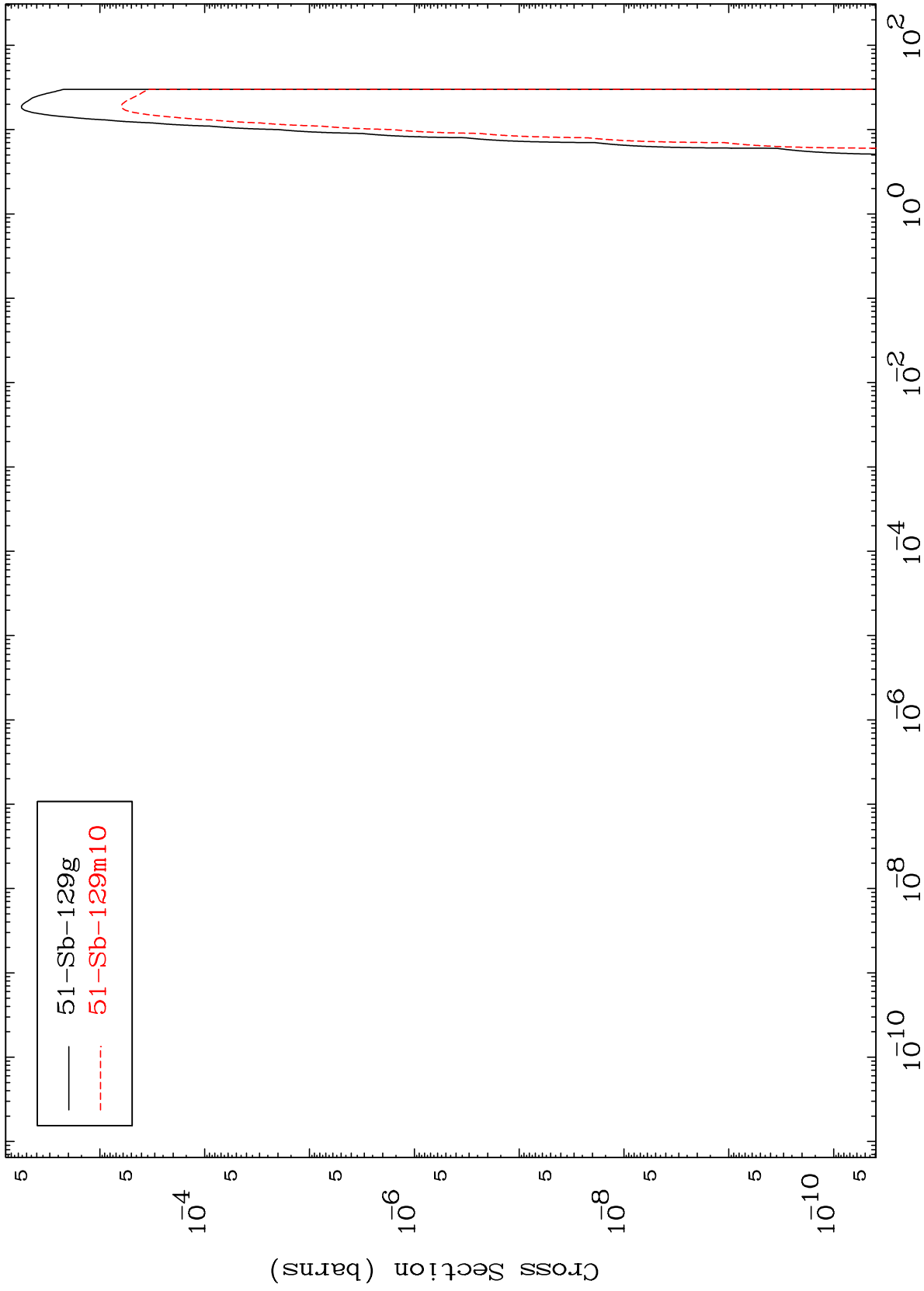
51-Sb-130g  
51-Sb-130m1

MAT 5152

(He-3,  $\alpha$ )

51-Sb-130

Radionuclide Production Cross Section



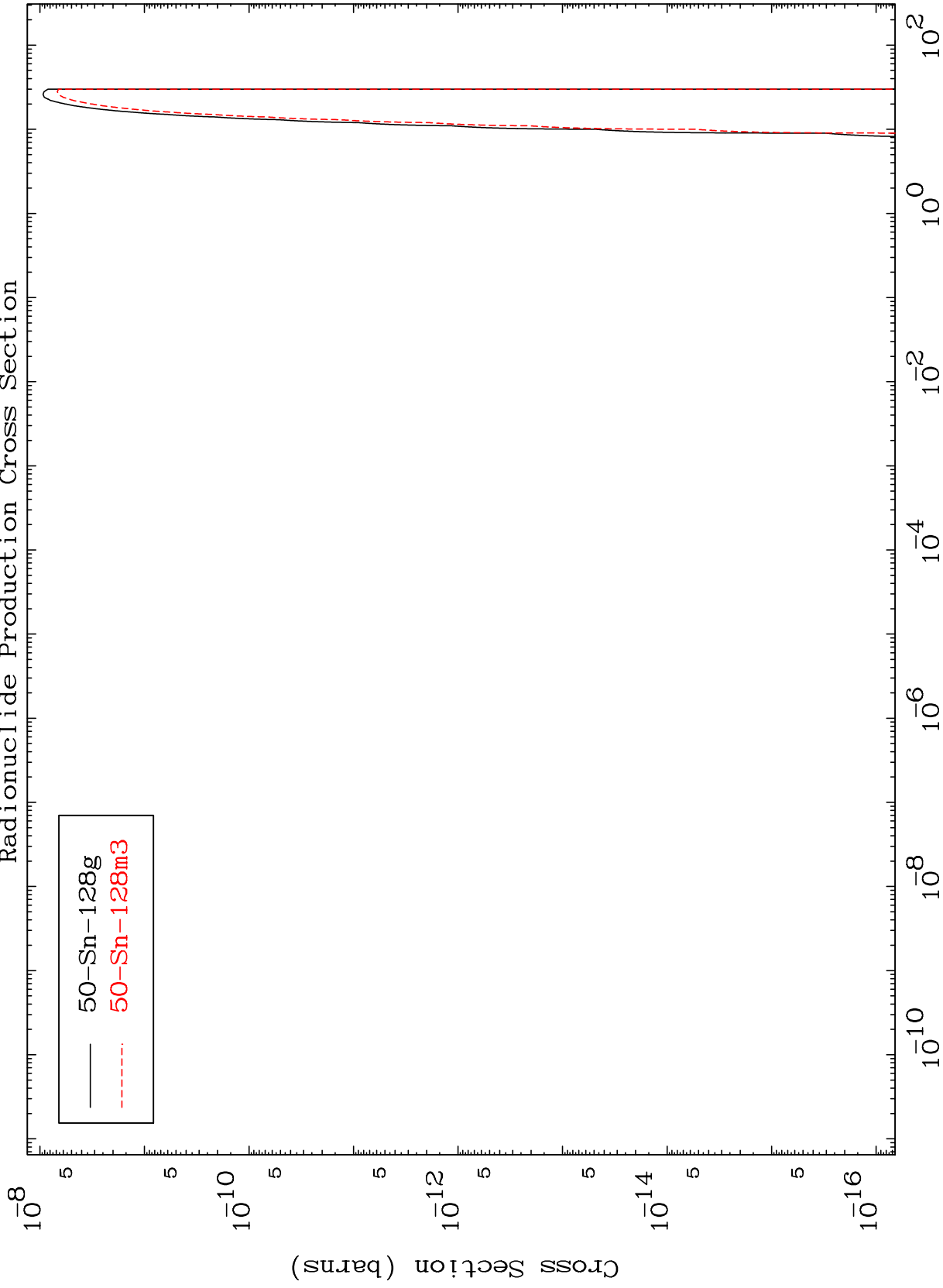
— 51-Sb-129g  
- - - 51-Sb-129m10

MAT 5152

(He-3, p)  $\alpha$

51-Sb-130

Radionuclide Production Cross Section



27

Incident Energy (MeV)

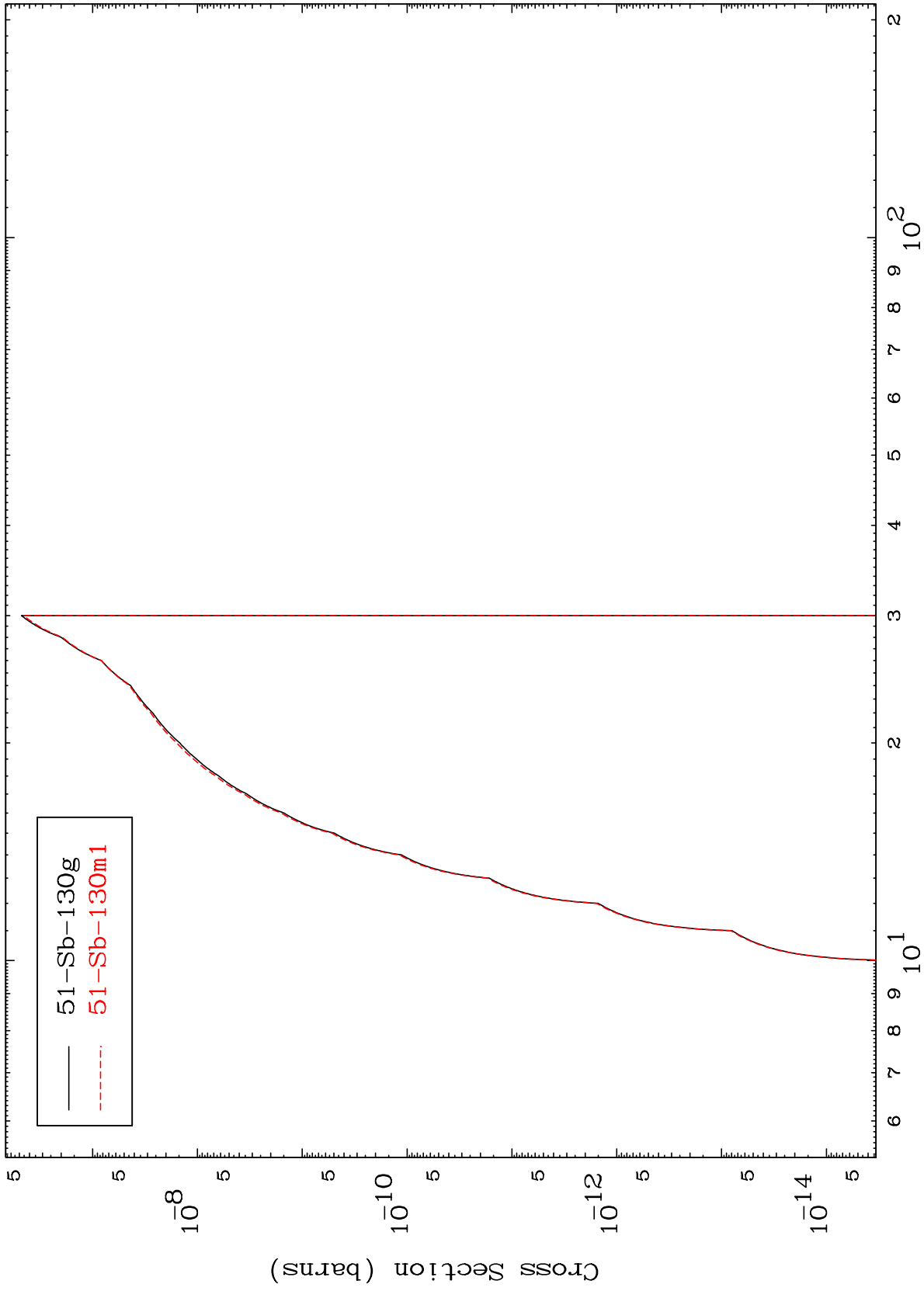
51-Sb-130

MAT 5152

(He-3,p) d

51-Sb-130

Radionuclide Production Cross Section



28

Incident Energy (MeV)

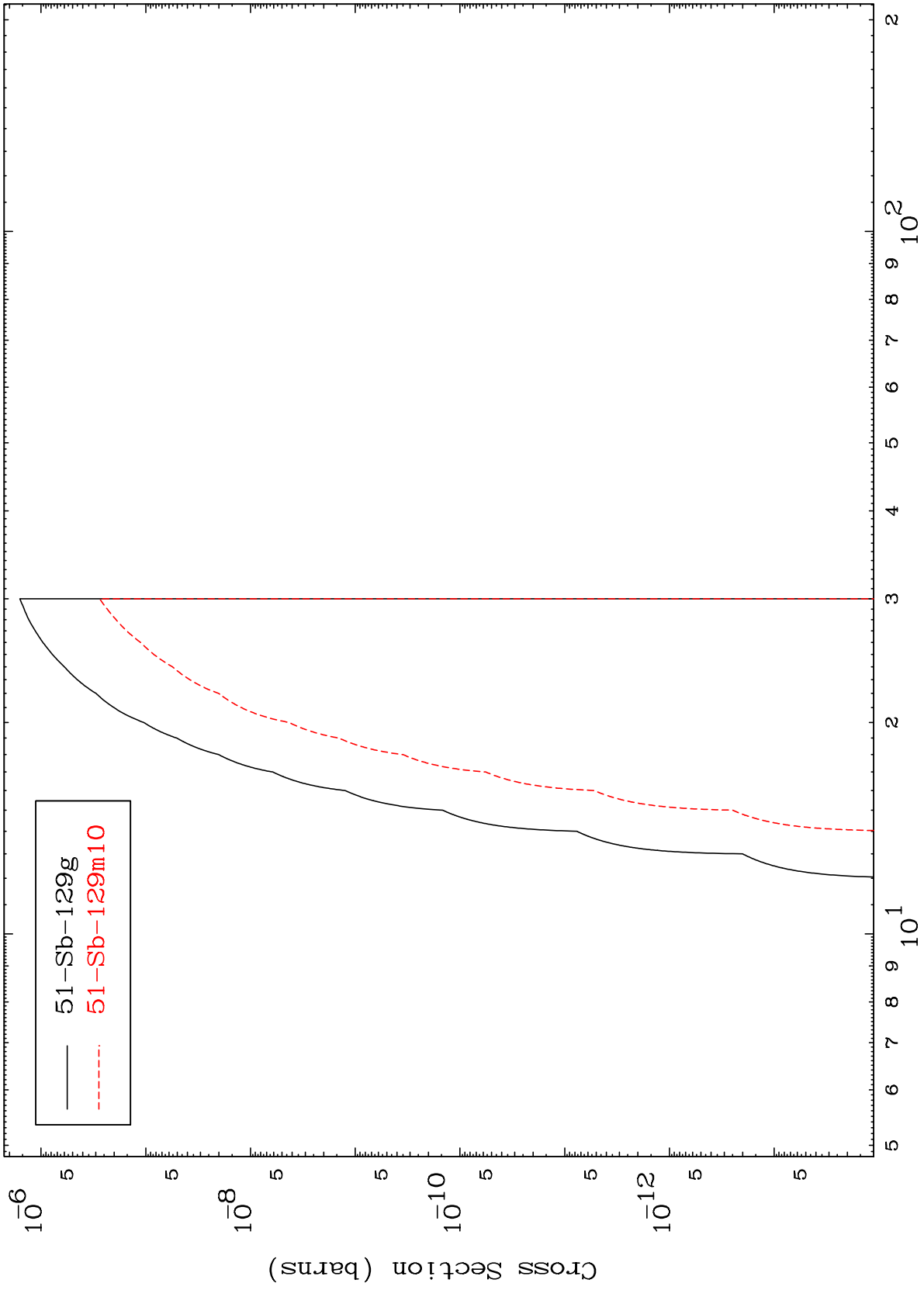
51-Sb-130

MAT 5152

(He-3,p) t

51-Sb-130

Radionuclide Production Cross Section



29

Incident Energy (MeV)

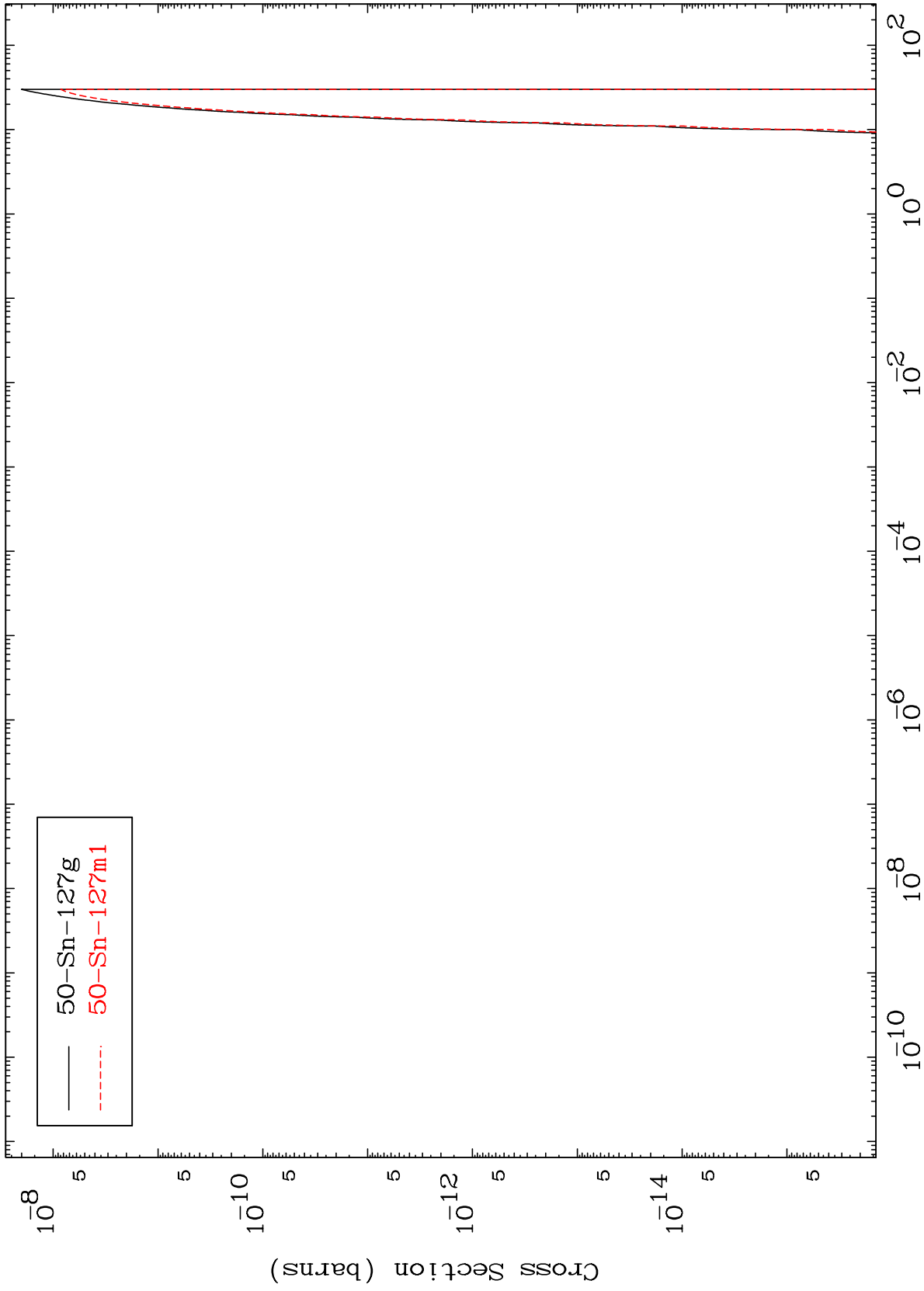
51-Sb-130

MAT 5152

(He-3,d)  $\alpha$

51-Sb-130

Radionuclide Production Cross Section



30