

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

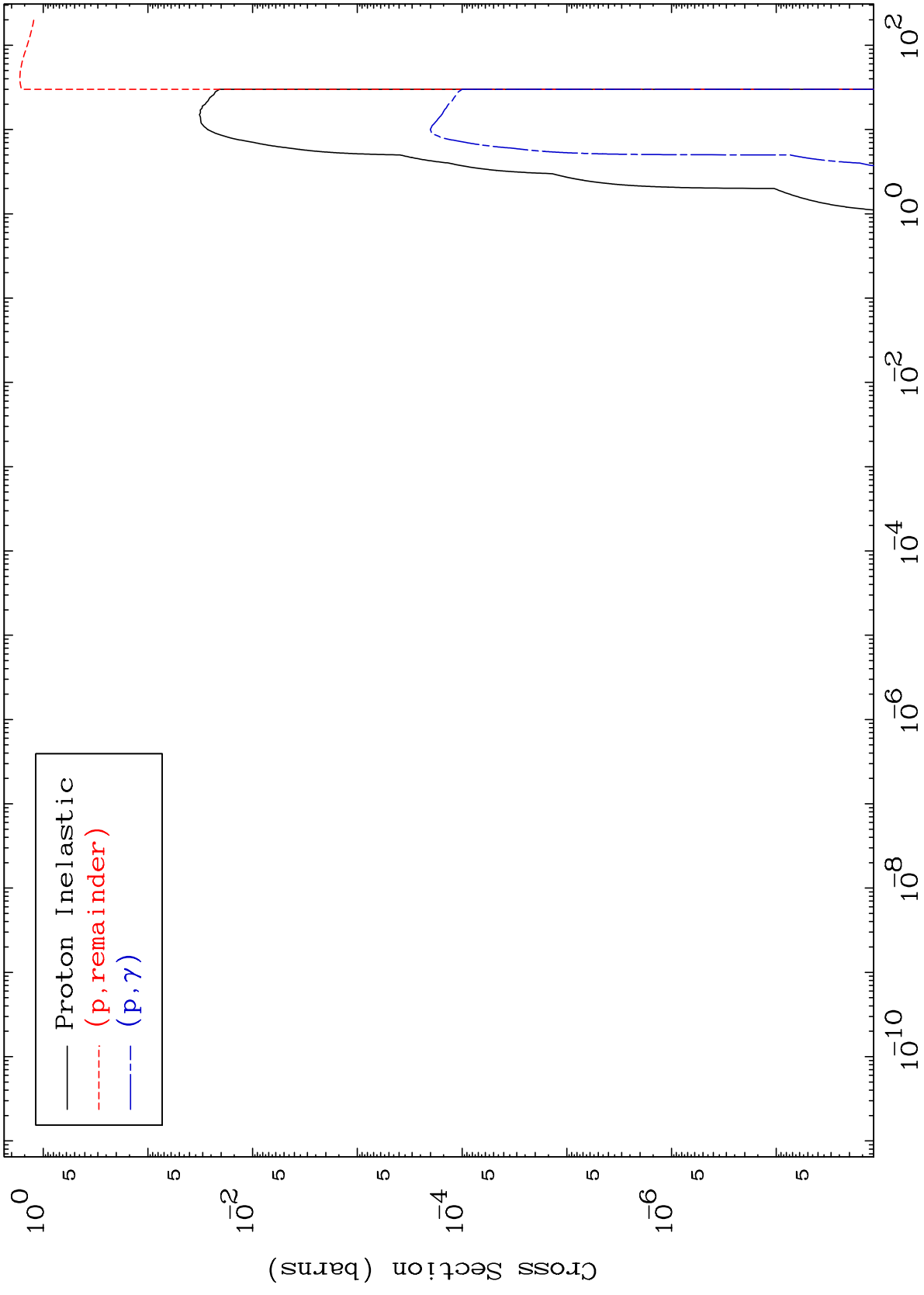
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5165

Proton Major  
0 Kelvin Cross Sections

51-Sb-134



1

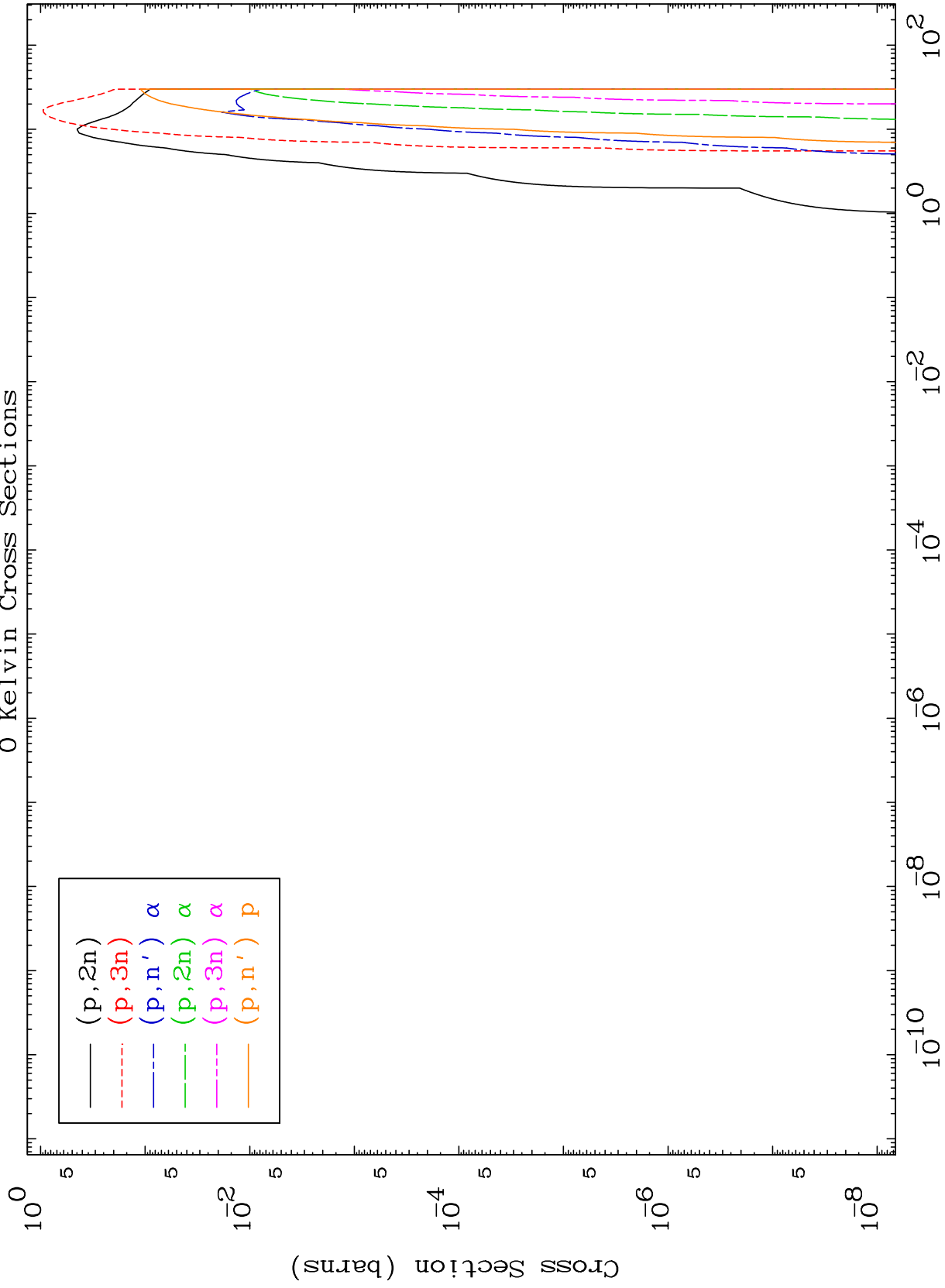
Incident Energy (MeV)

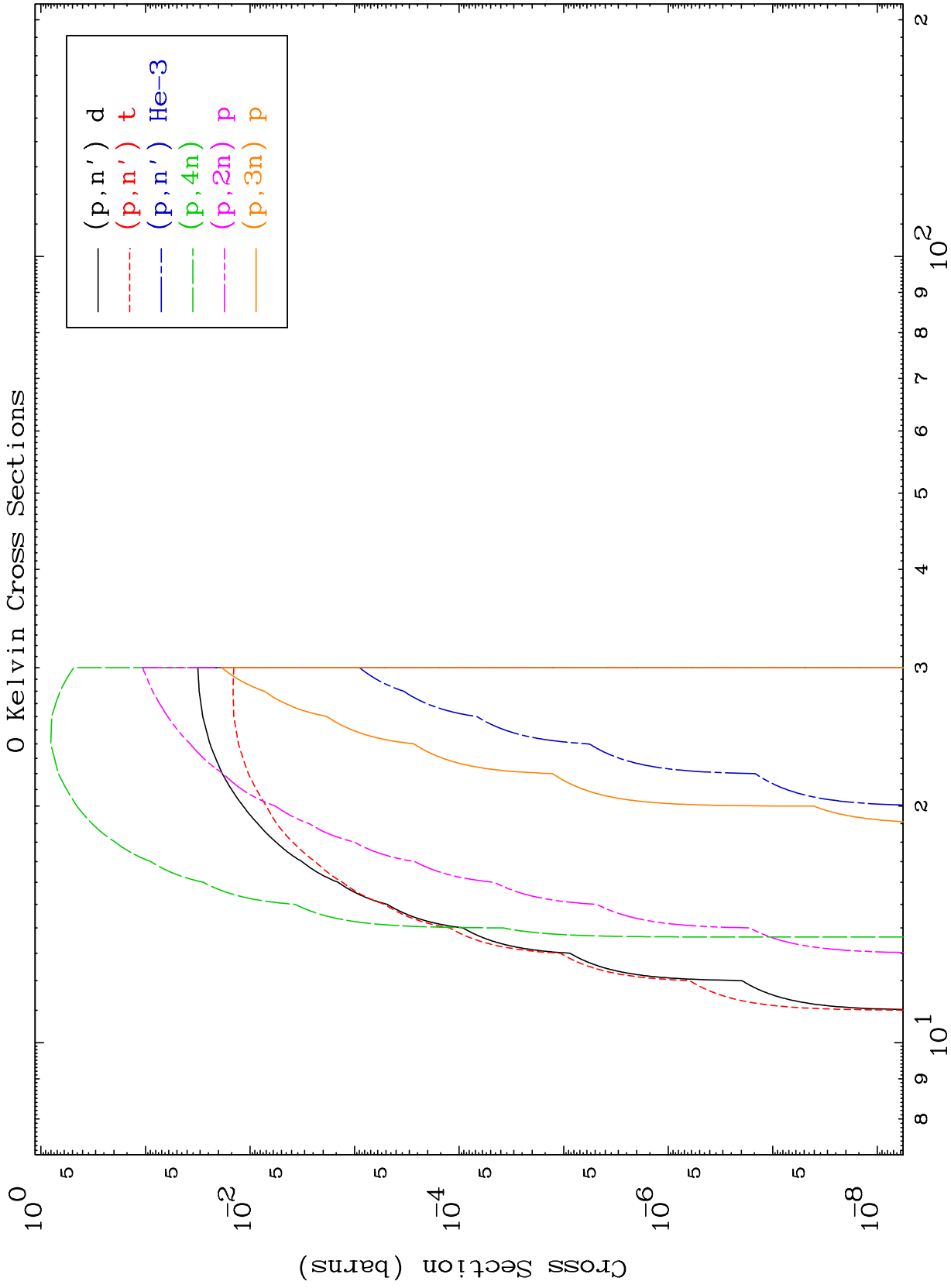
51-Sb-134

MAT 5165

Proton Neutron Production  
0 Kelvin Cross Sections

51-Sb-134

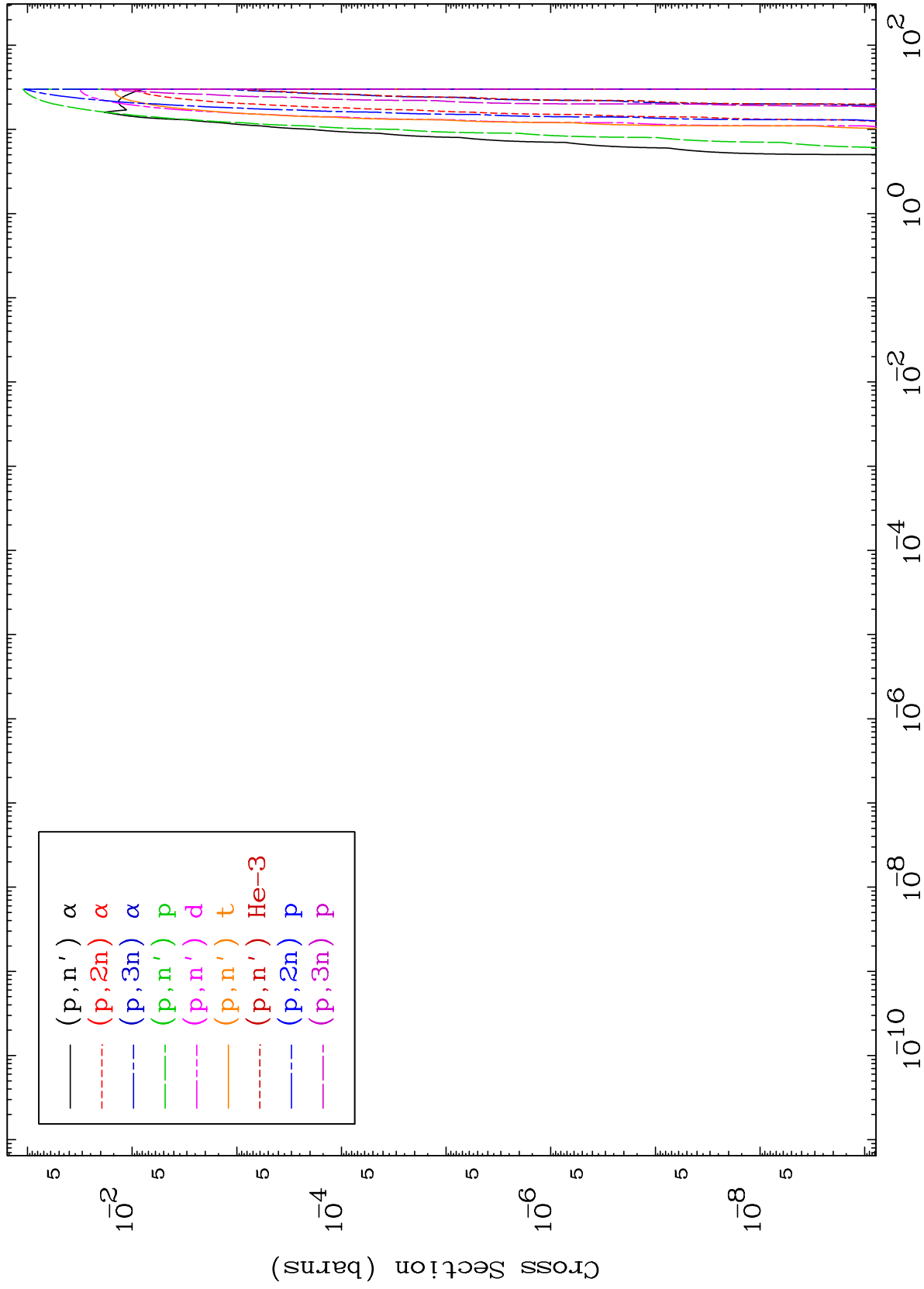




MAT 5165

Proton Charged Particle  
0 Kelvin Cross Sections

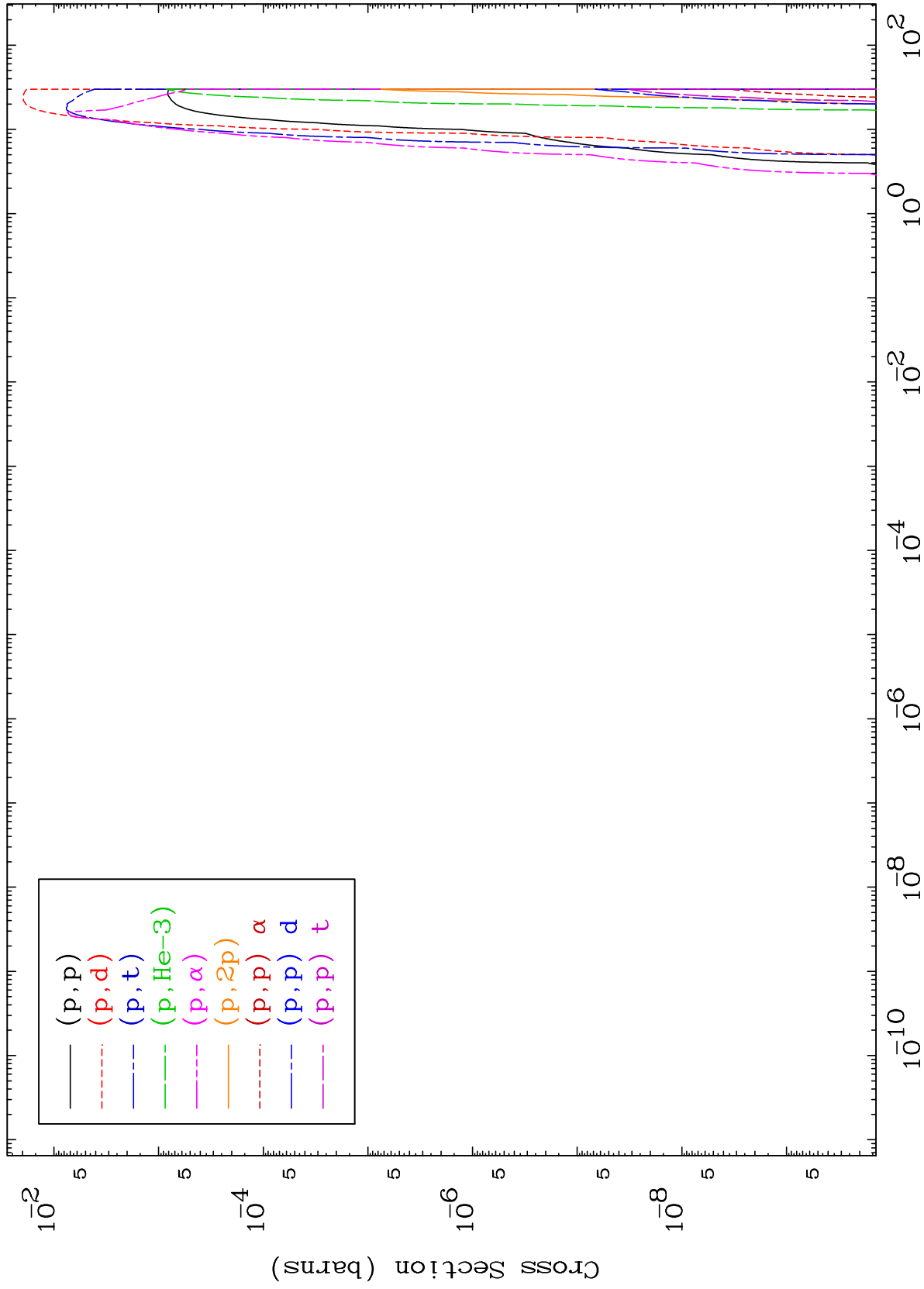
51-Sb-134



MAT 5165

Proton Charged Particle  
0 Kelvin Cross Sections

51-Sb-134



5

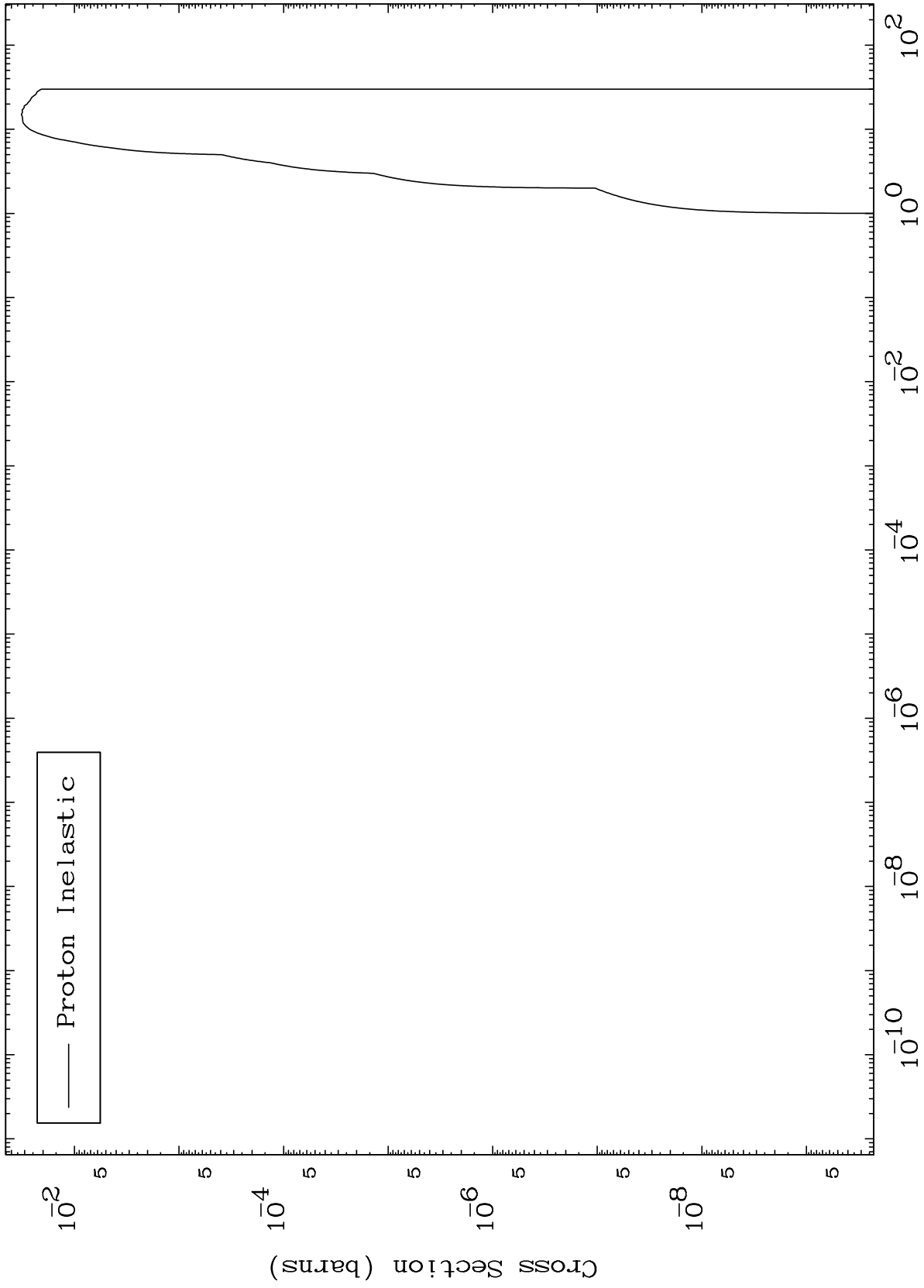
Incident Energy (MeV)

51-Sb-134

MAT 5165

(p,n') Level  
0 Kelvin Cross Sections

51-Sb-134



6

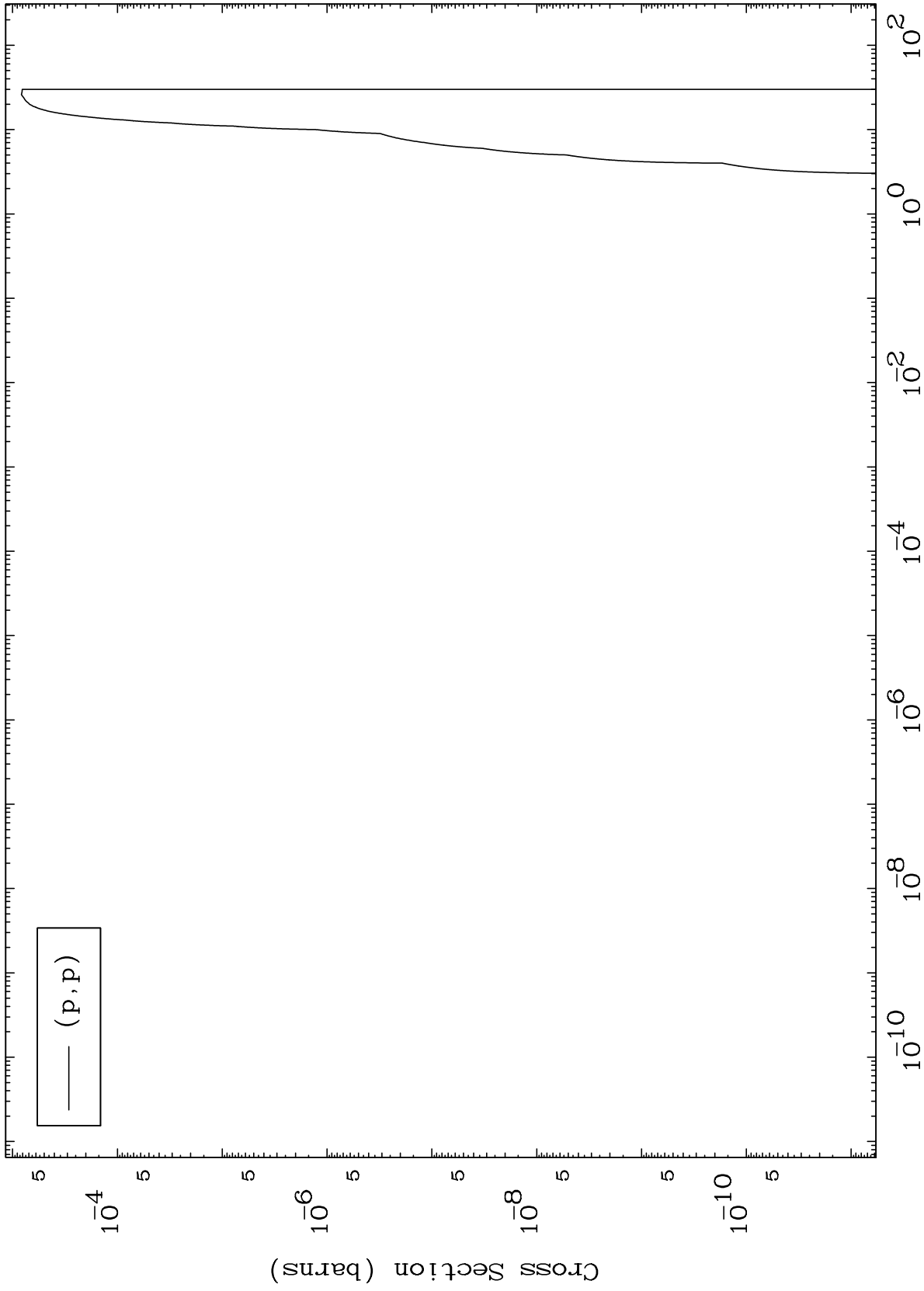
Incident Energy (MeV)

51-Sb-134

MAT 5165

(p,p) Levels  
0 Kelvin Cross Sections

51-Sb-134



7

Incident Energy (MeV)

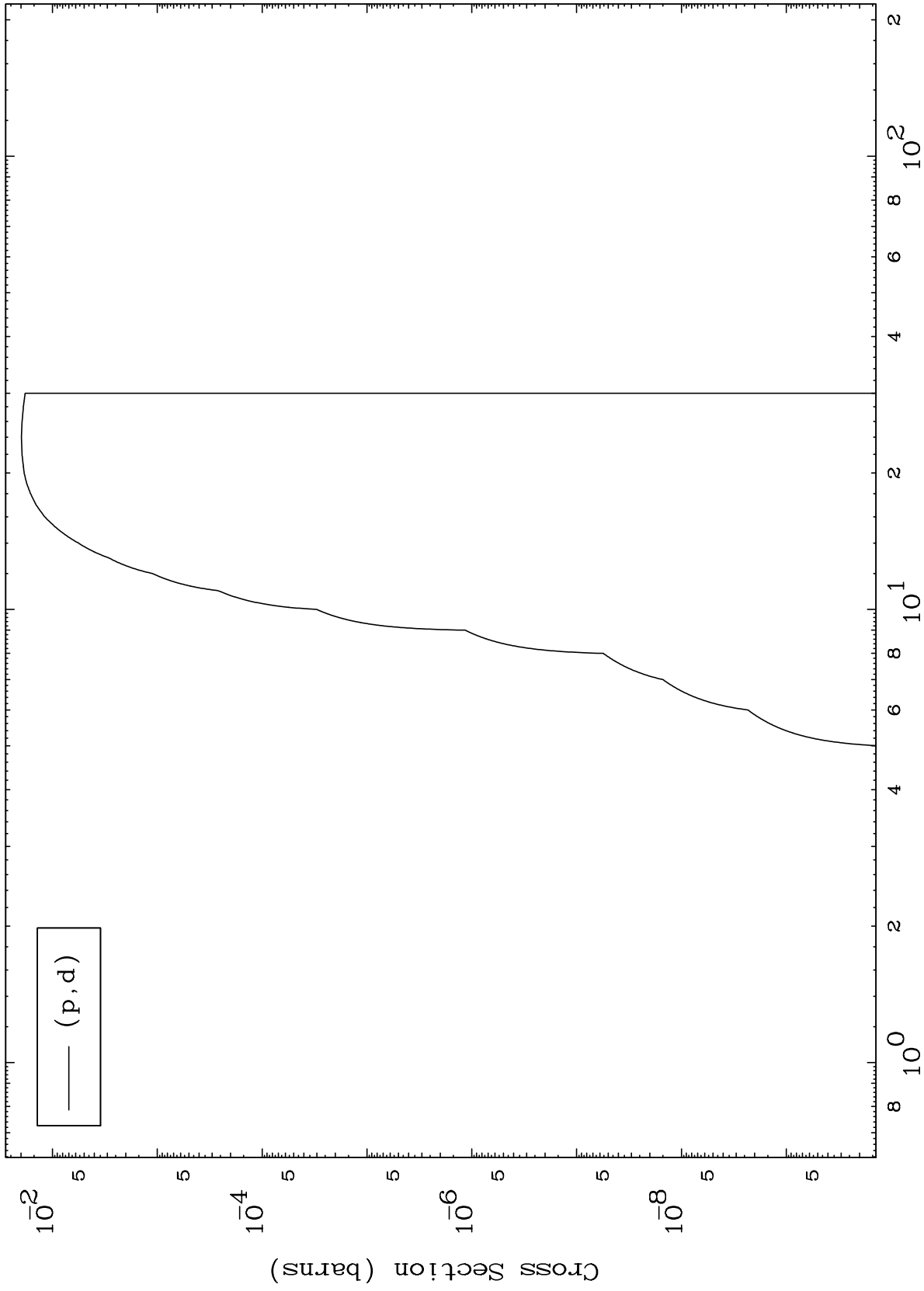
51-Sb-134



MAT 5165

(p,d) Levels  
0 Kelvin Cross Sections

51-Sb-134



8

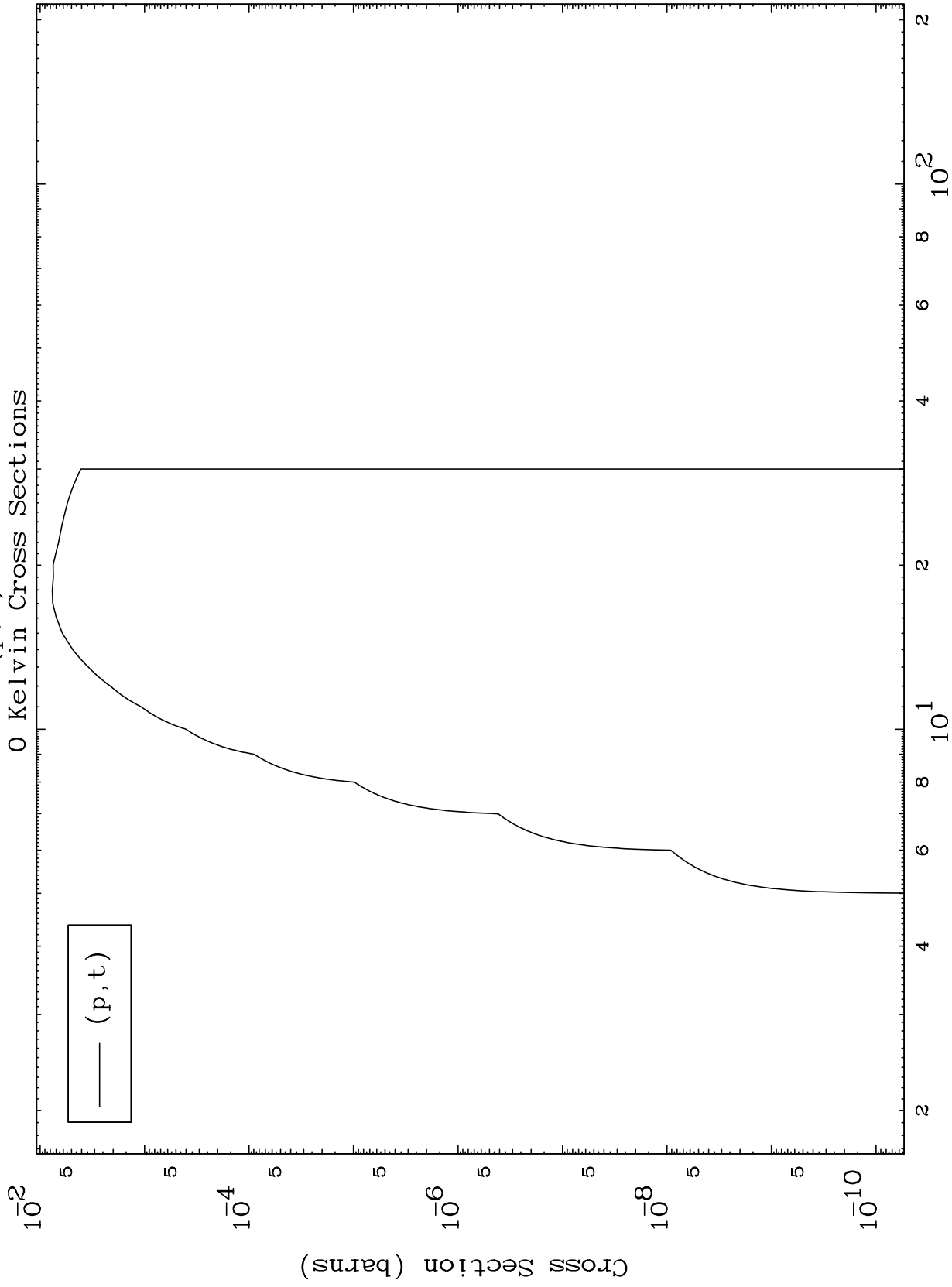
Incident Energy (MeV)

51-Sb-134

MAT 5165

(p,t) Levels  
0 Kelvin Cross Sections

51-Sb-134



9

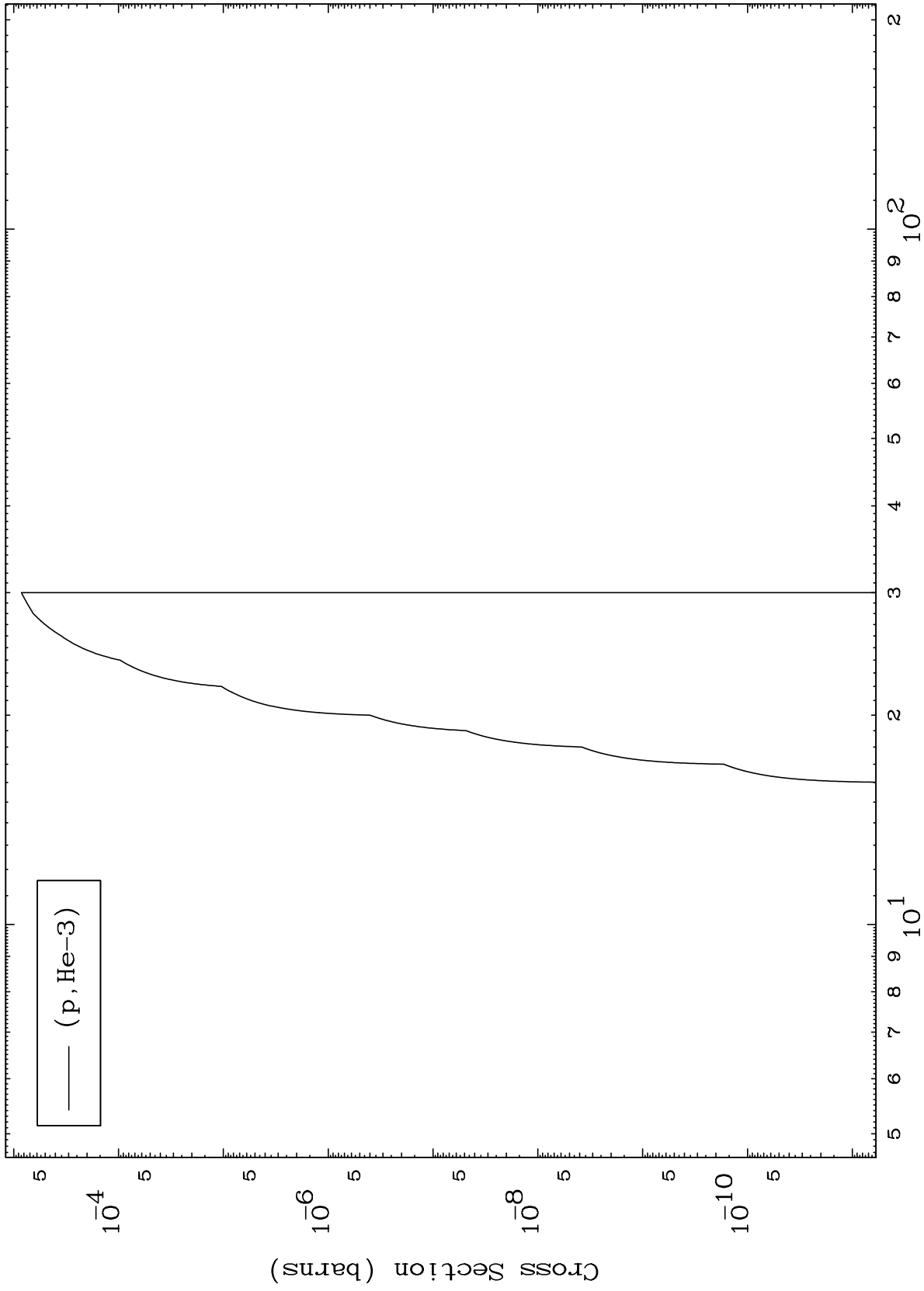
Incident Energy (MeV)

51-Sb-134

MAT 5165

(p,He3) Levels  
0 Kelvin Cross Sections

51-Sb-134



10

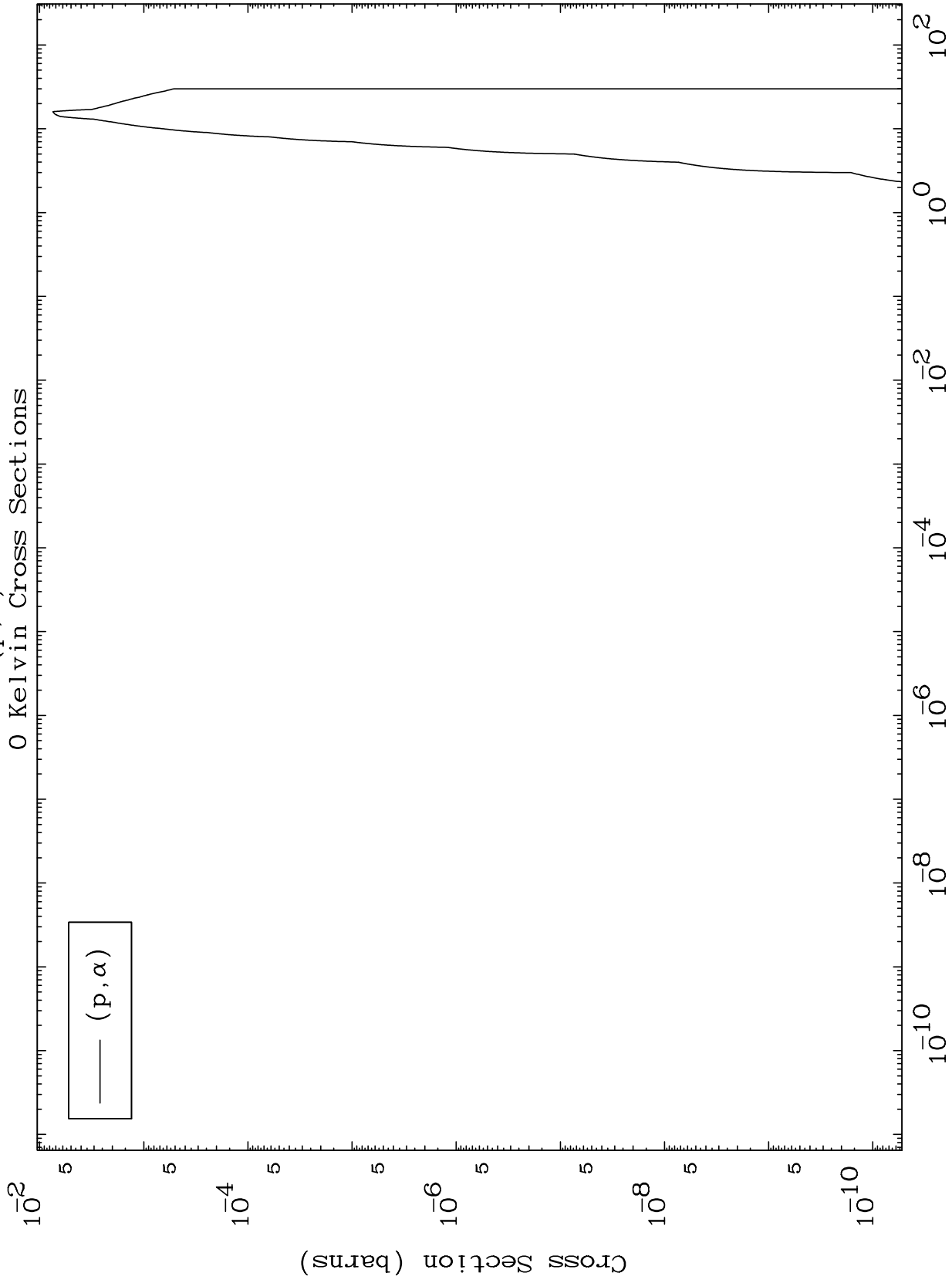
Incident Energy (MeV)

51-Sb-134

MAT 5165

(p,α) Levels  
0 Kelvin Cross Sections

51-Sb-134



(p,α)

51-Sb-134

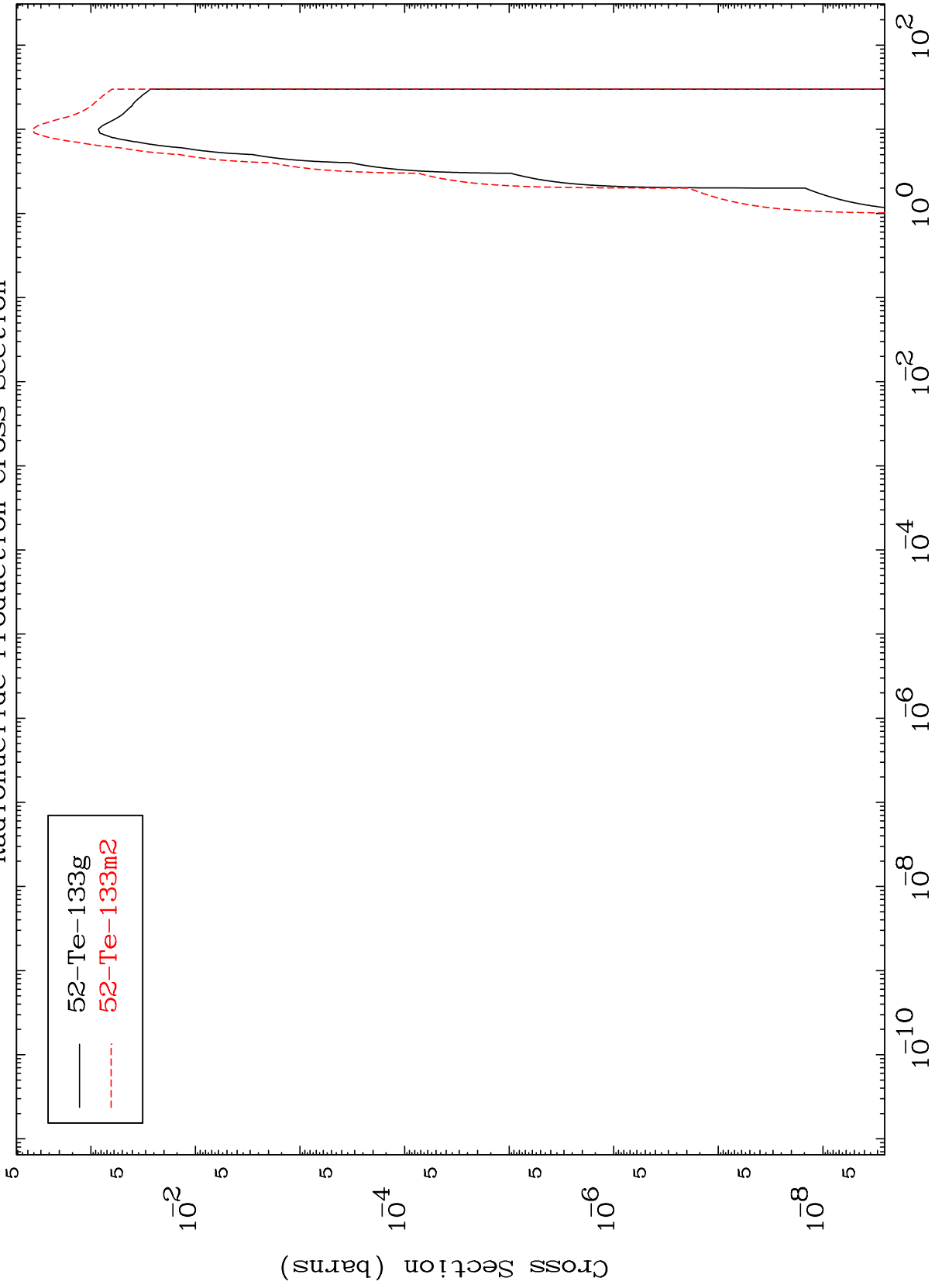
Incident Energy (MeV)

11

MAT 5165

Radionuclide Production Cross Section  
(p,2n)

51-Sb-134



12

Incident Energy (MeV)

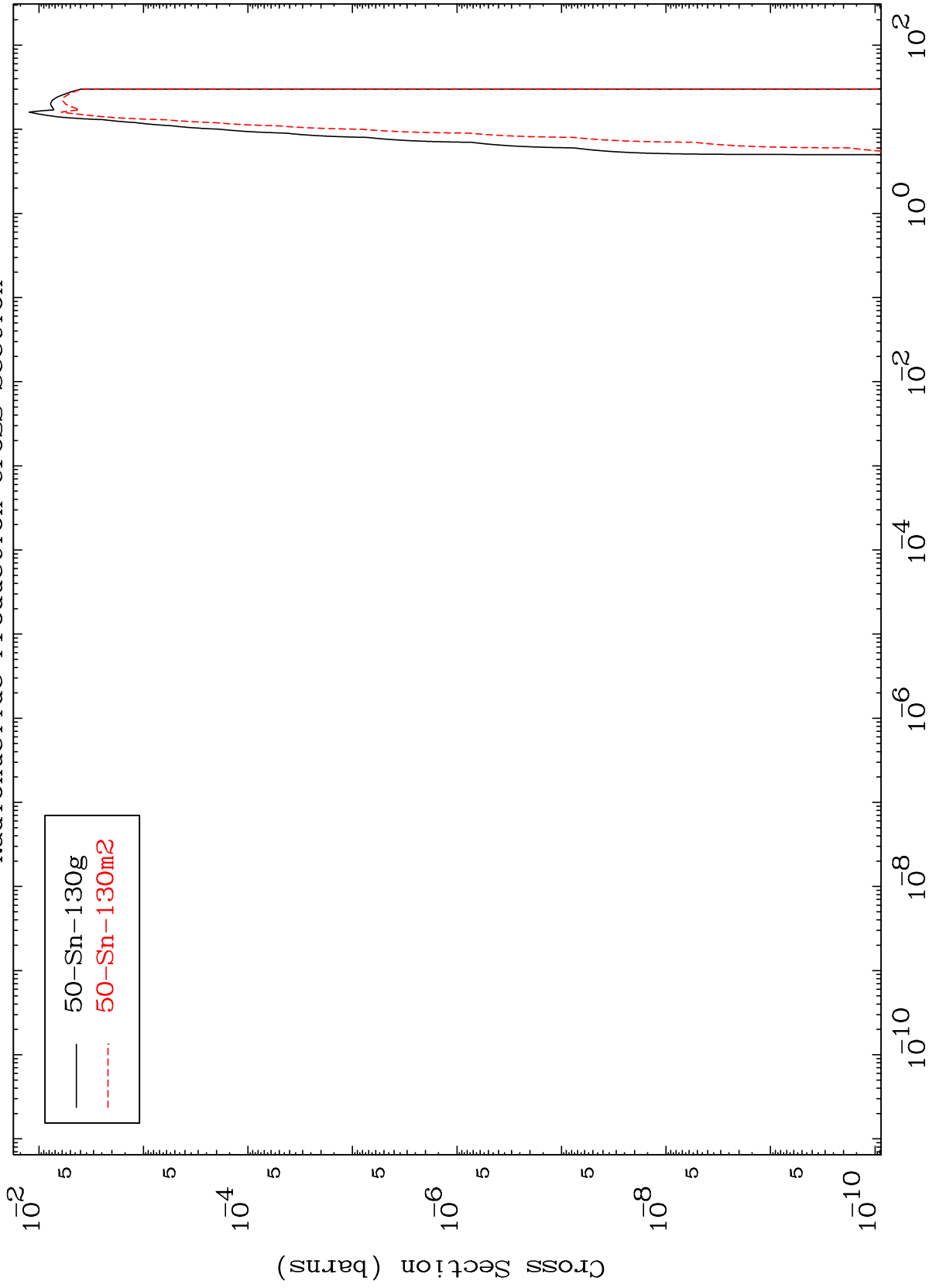
51-Sb-134

MAT 5165

(p,n')  $\alpha$

51-Sb-134

Radionuclide Production Cross Section



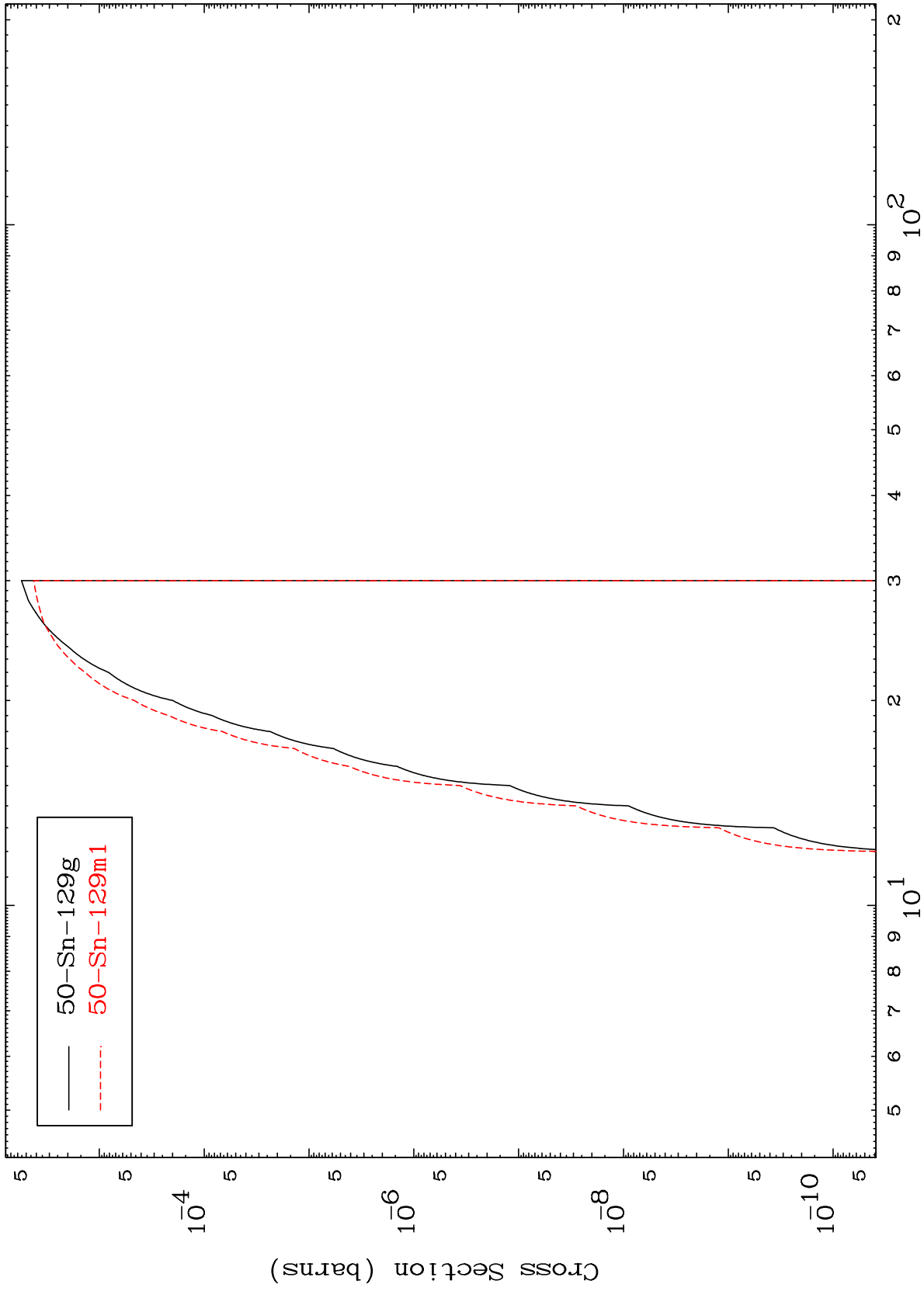
50-Sn-130g  
50-Sn-130m2

MAT 5165

(p,2n)  $\alpha$

51-Sb-134

Radionuclide Production Cross Section



14

Incident Energy (MeV)

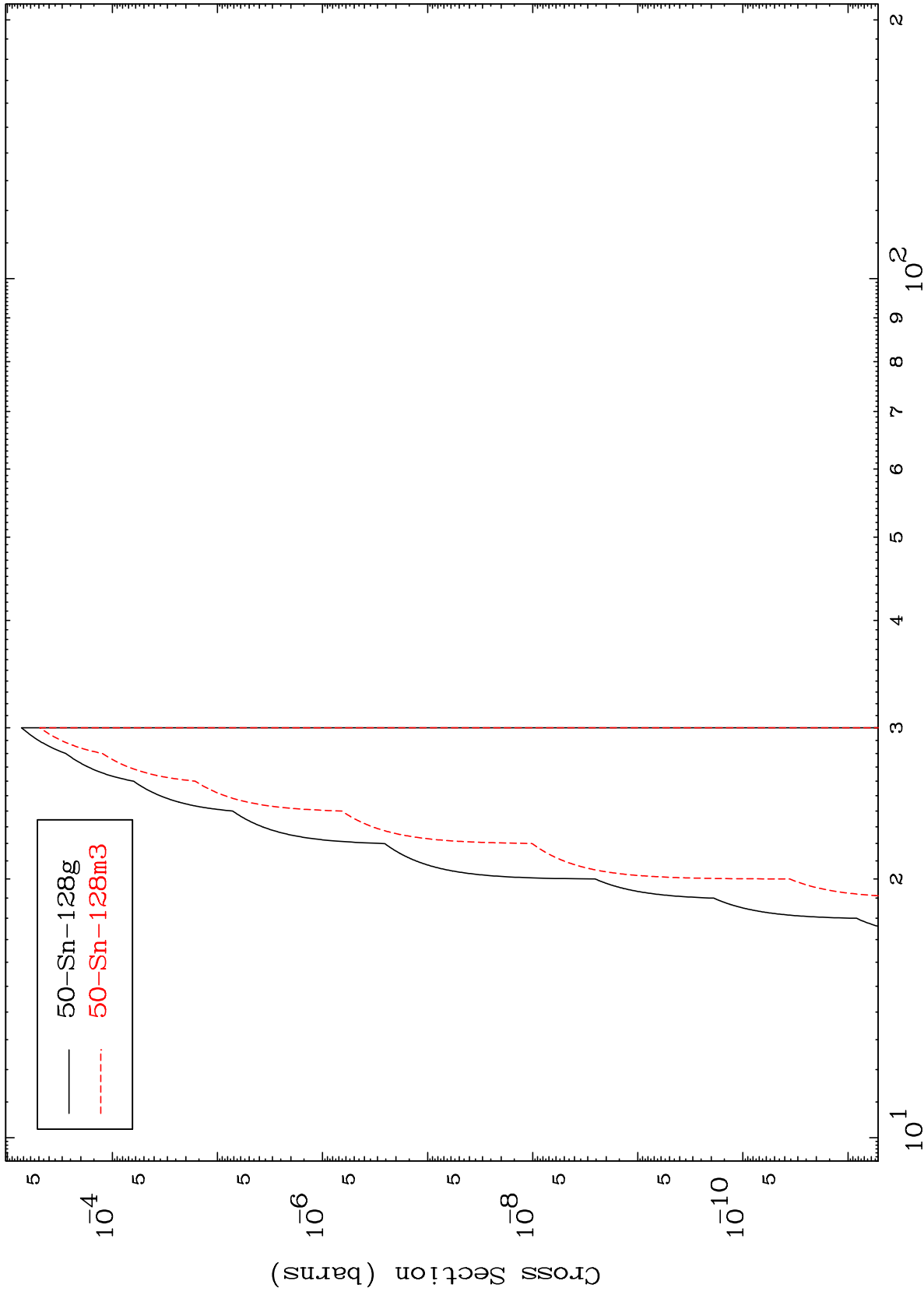
51-Sb-134

MAT 5165

(p,3n)  $\alpha$

51-Sb-134

Radionuclide Production Cross Section



15

Incident Energy (MeV)

51-Sb-134

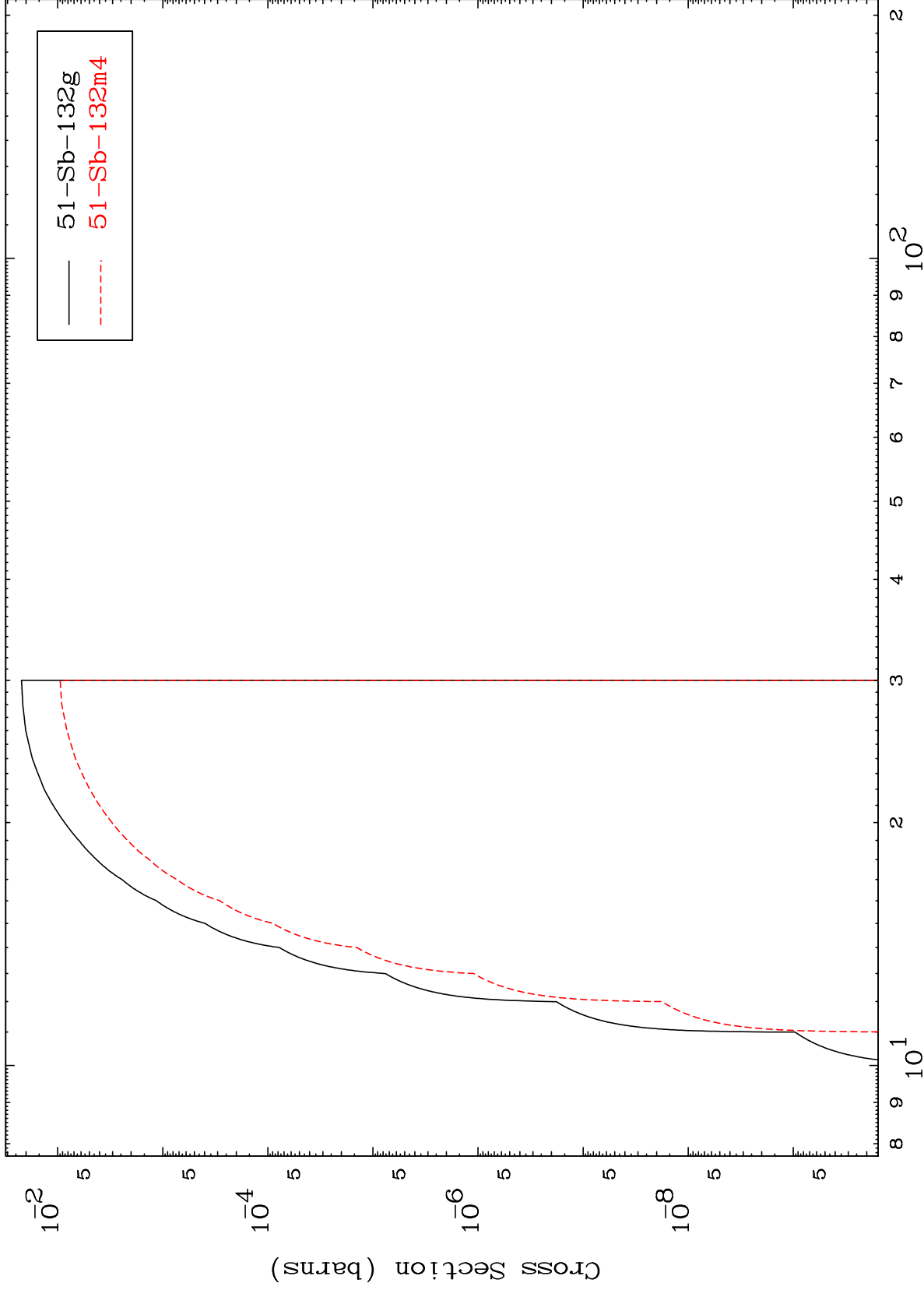


MAT 5165

(p,n') d

51-Sb-134

Radionuclide Production Cross Section



16

Incident Energy (MeV)

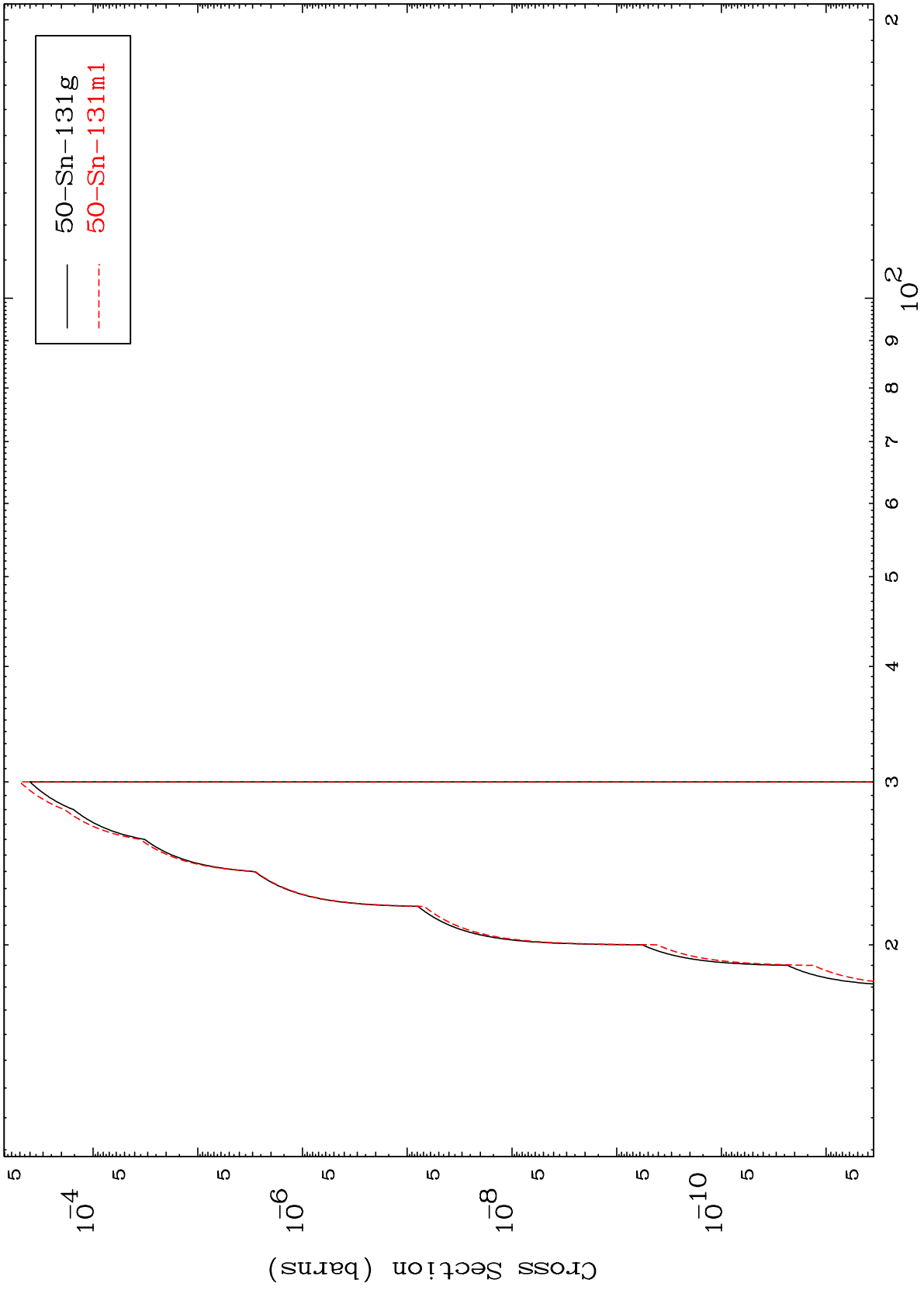
51-Sb-134

MAT 5165

(p,n') He-3

51-Sb-134

Radionuclide Production Cross Section



17

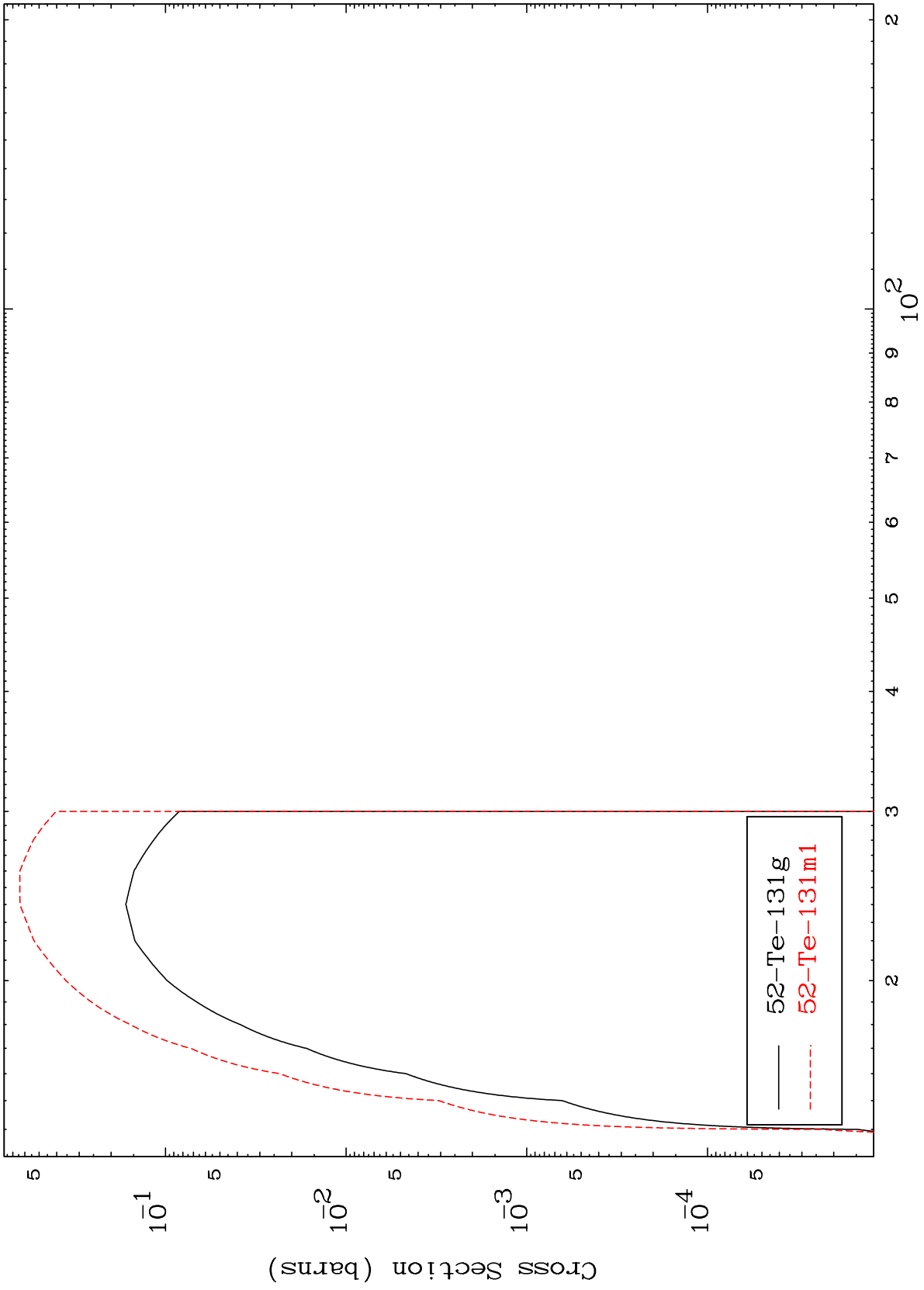
Incident Energy (MeV)

51-Sb-134

MAT 5165

51-Sb-134

(p,4n)  
Radionuclide Production Cross Section



18

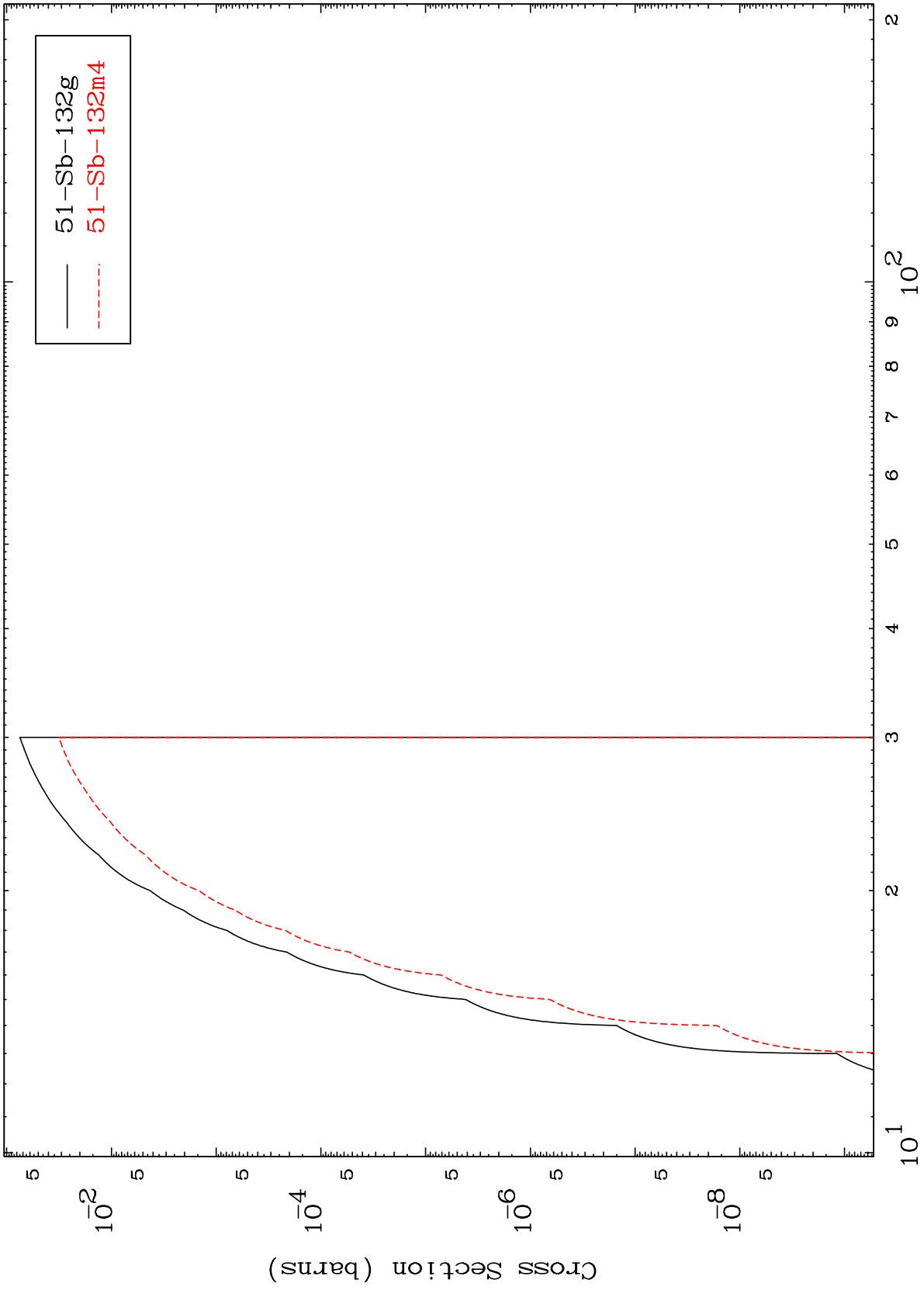
51-Sb-134

MAT 5165

(p,2n) p

51-Sb-134

Radionuclide Production Cross Section



10<sup>1</sup>

10<sup>2</sup>

Incident Energy (MeV)

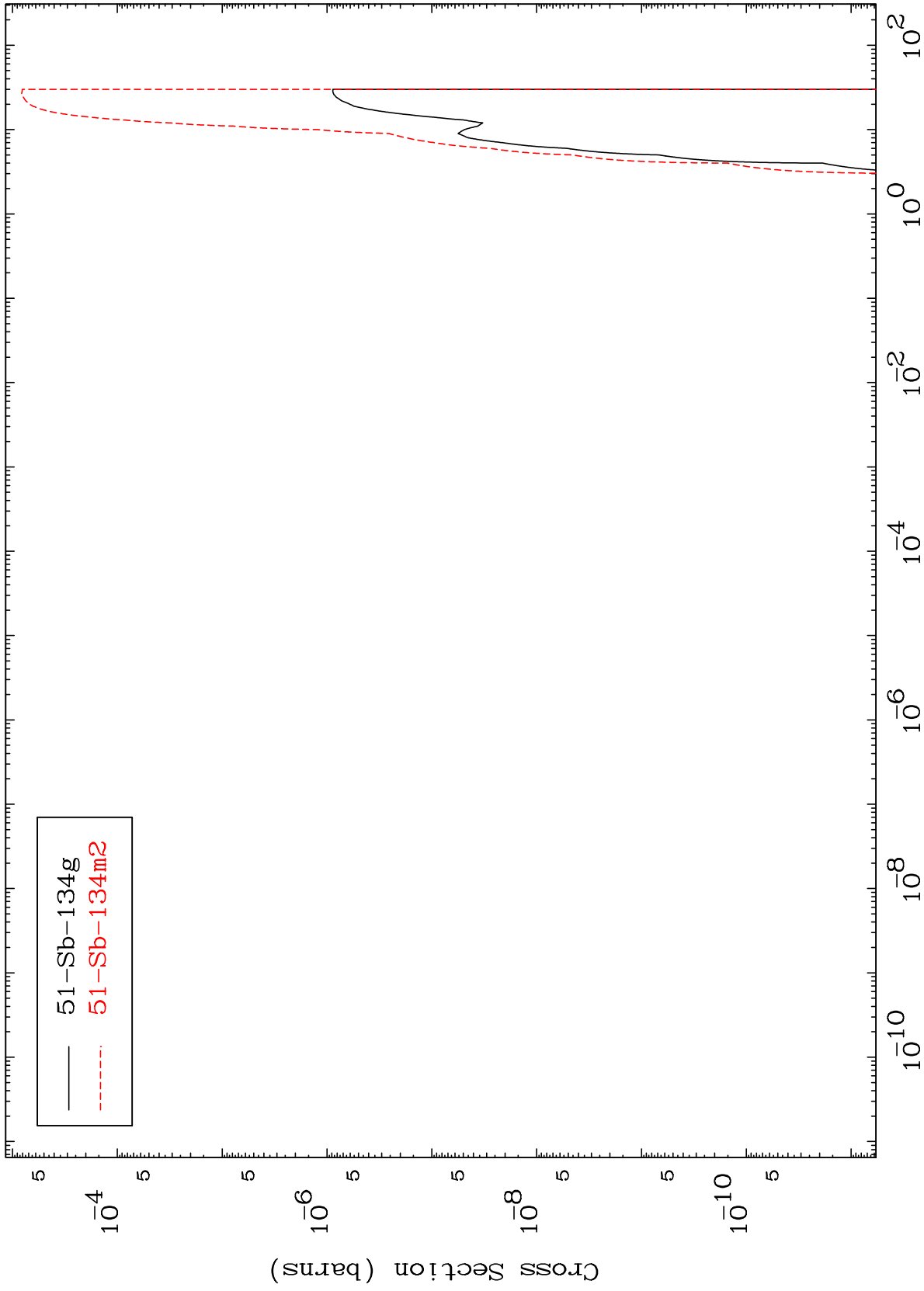
51-Sb-134

MAT 5165

(p,p)

51-Sb-134

Radionuclide Production Cross Section



20

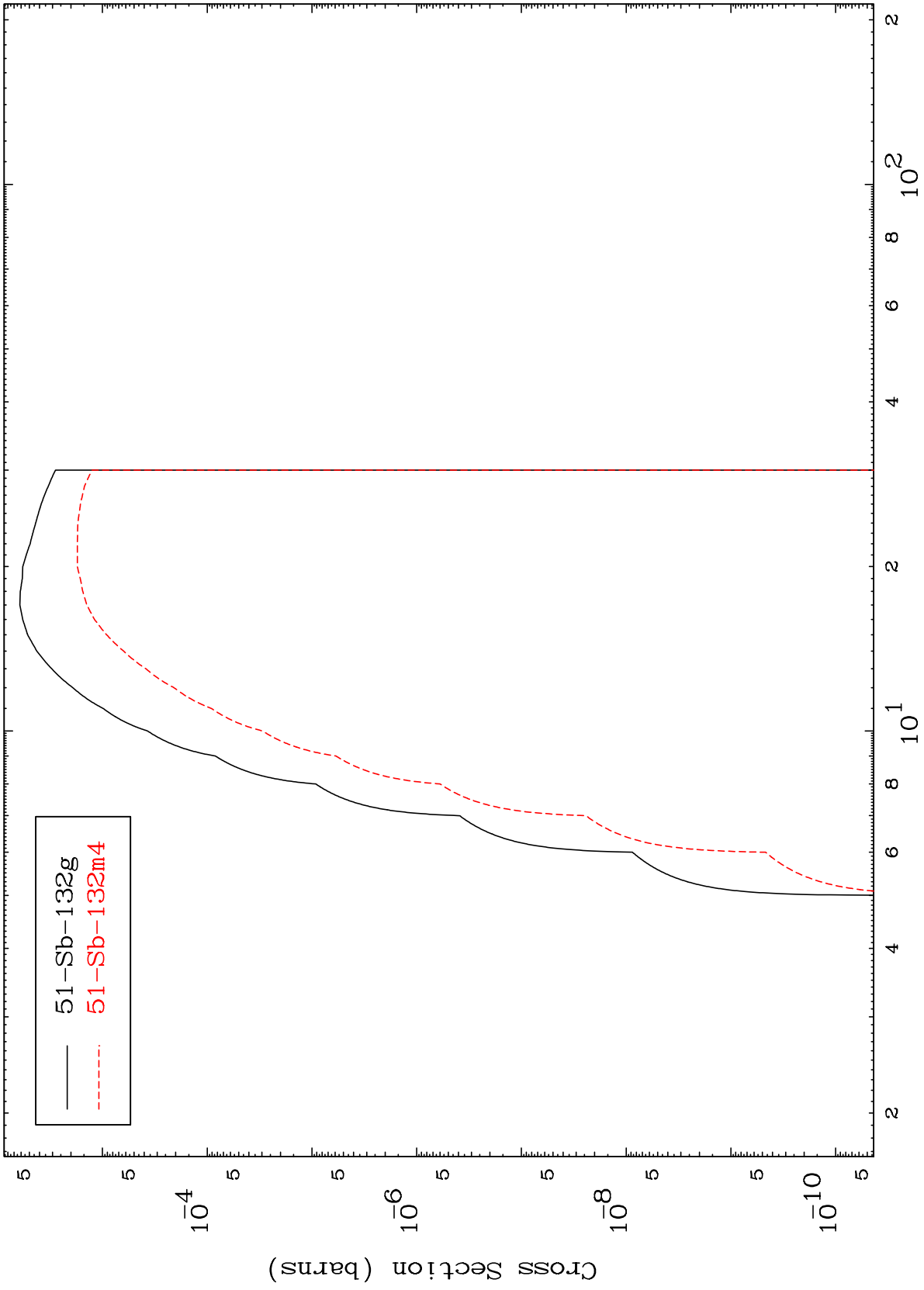
Incident Energy (MeV)

51-Sb-134

MAT 5165

51-Sb-134

(p,t)  
Radionuclide Production Cross Section



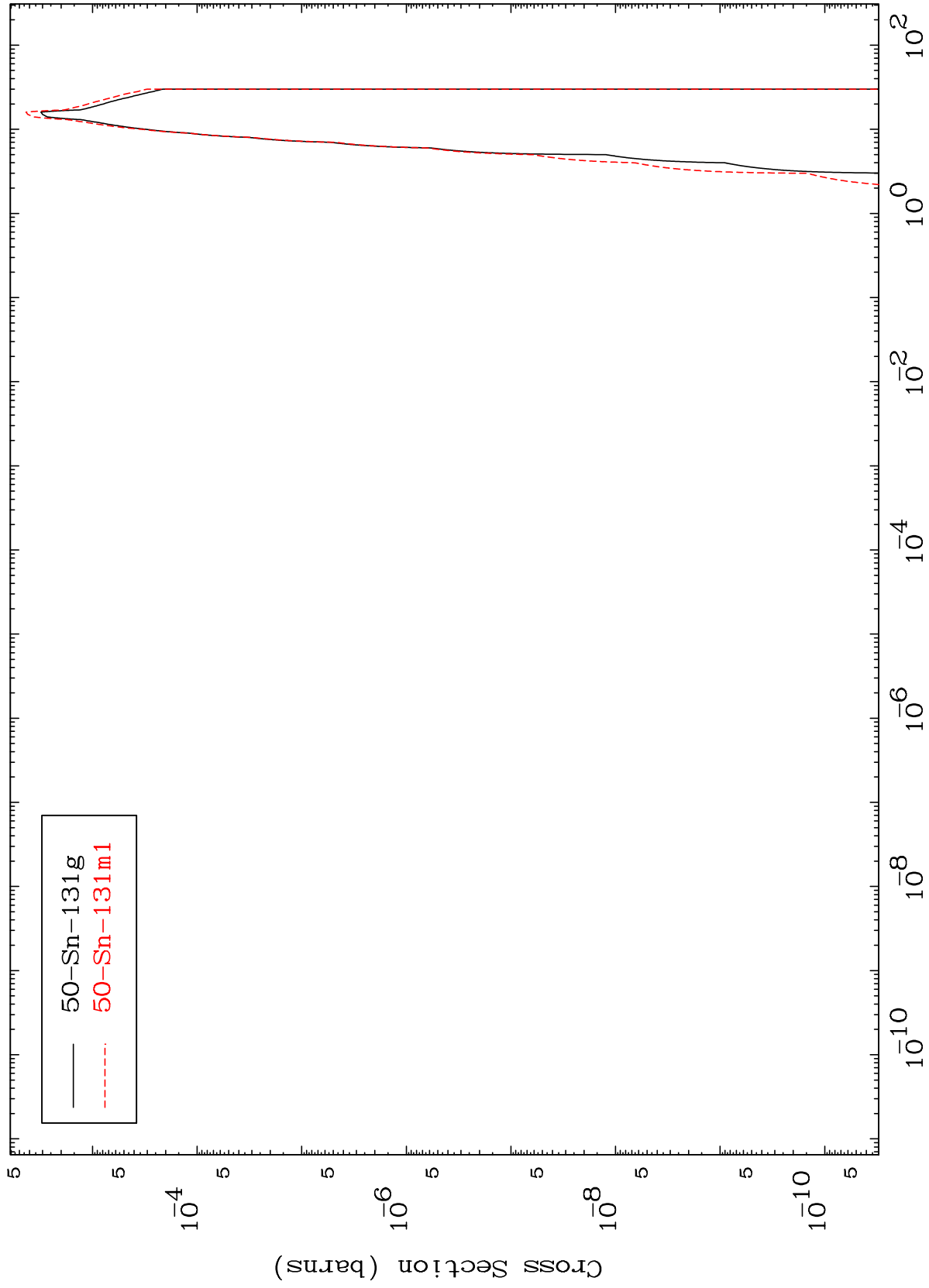
21

51-Sb-134

MAT 5165

Radionuclide Production Cross Section  
(p,α)

51-Sb-134



22

Incident Energy (MeV)

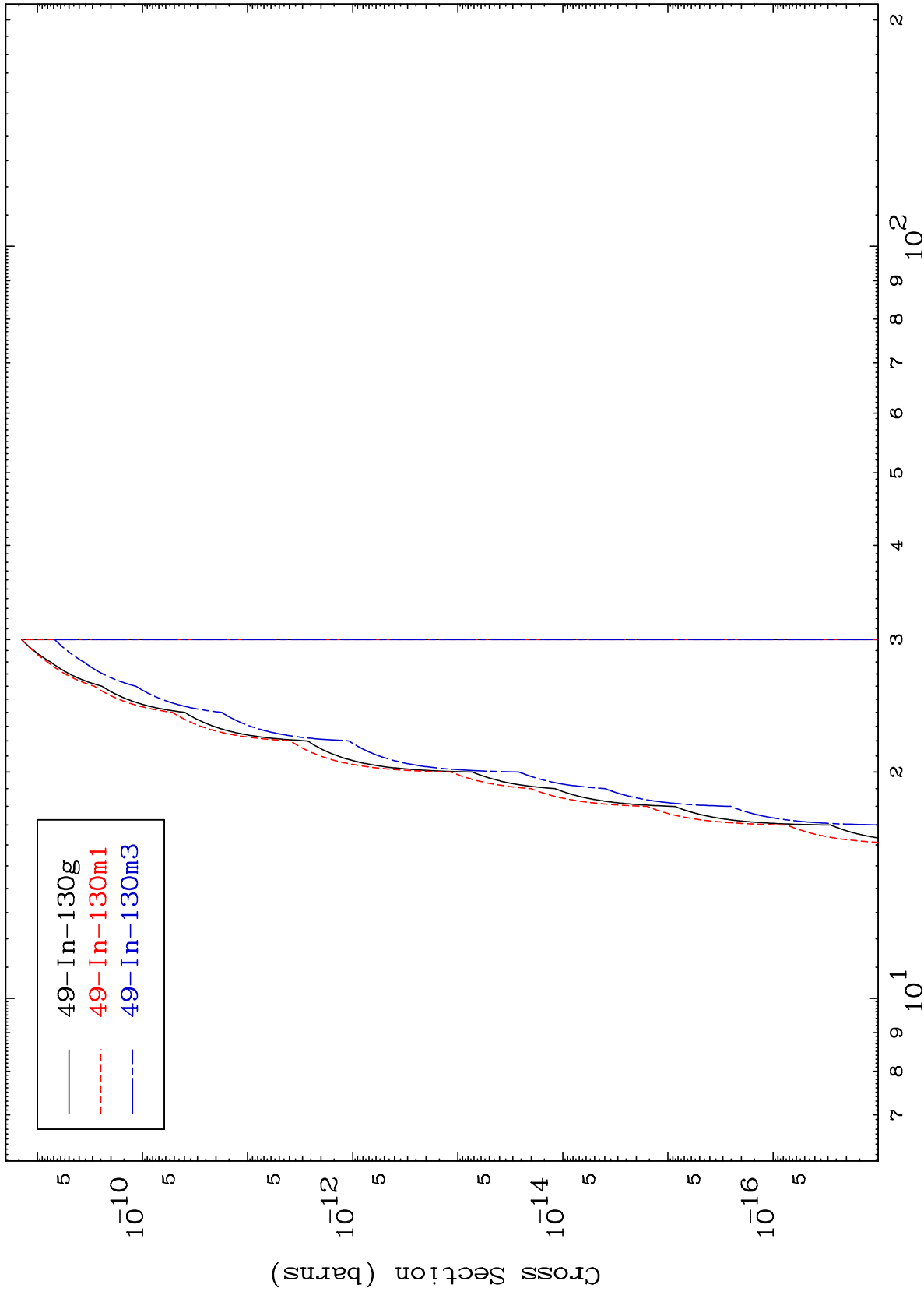
51-Sb-134

MAT 5165

(p,p)  $\alpha$

51-Sb-134

Radionuclide Production Cross Section



23

Incident Energy (MeV)

51-Sb-134

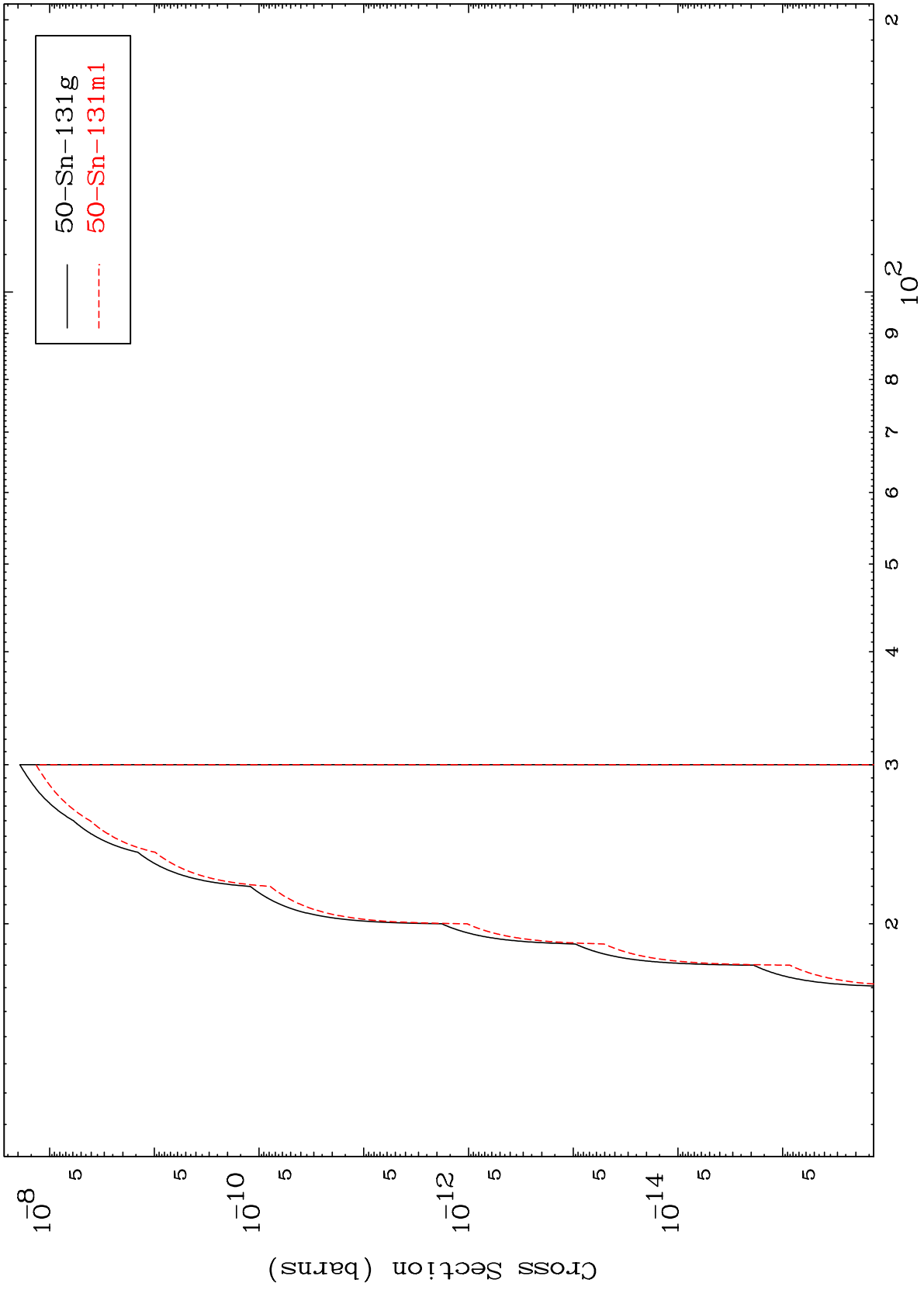


MAT 5165

(p,p) t

51-Sb-134

Radionuclide Production Cross Section



24

Incident Energy (MeV)

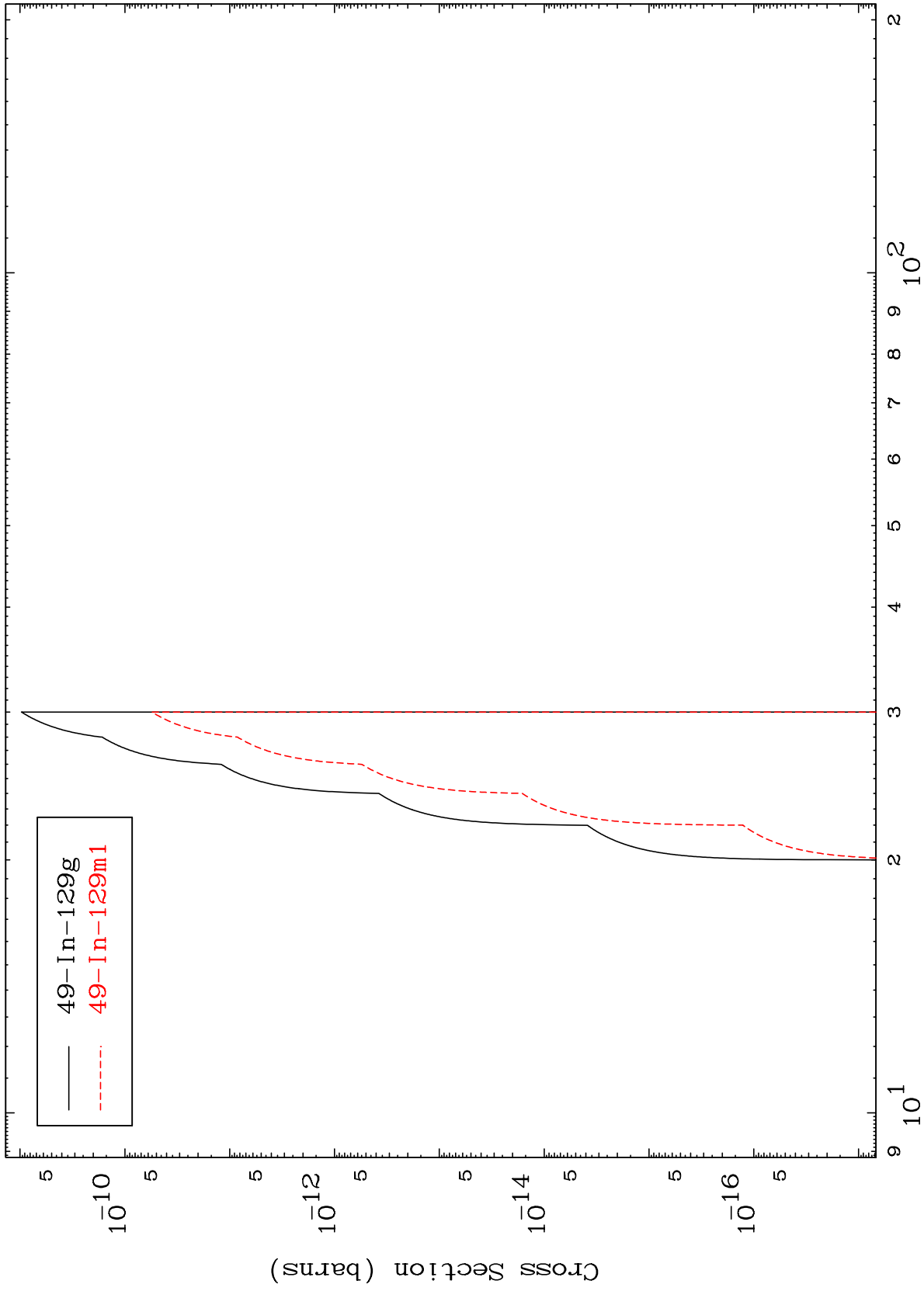
51-Sb-134

MAT 5165

(p,d)  $\alpha$

51-Sb-134

Radionuclide Production Cross Section



25