

Program EVALPLOT  
(Version 2021-1)

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

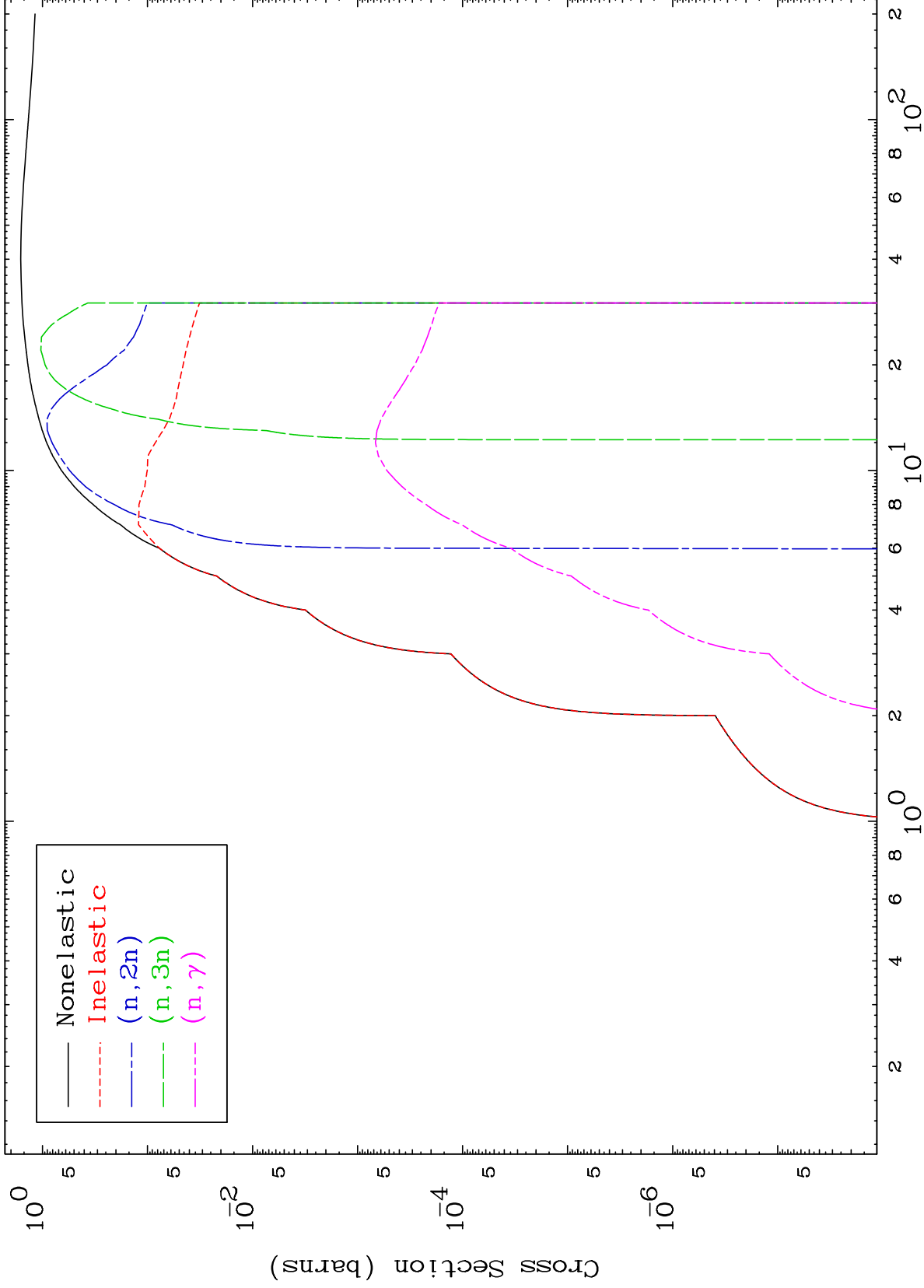
Press Mouse Button to Start

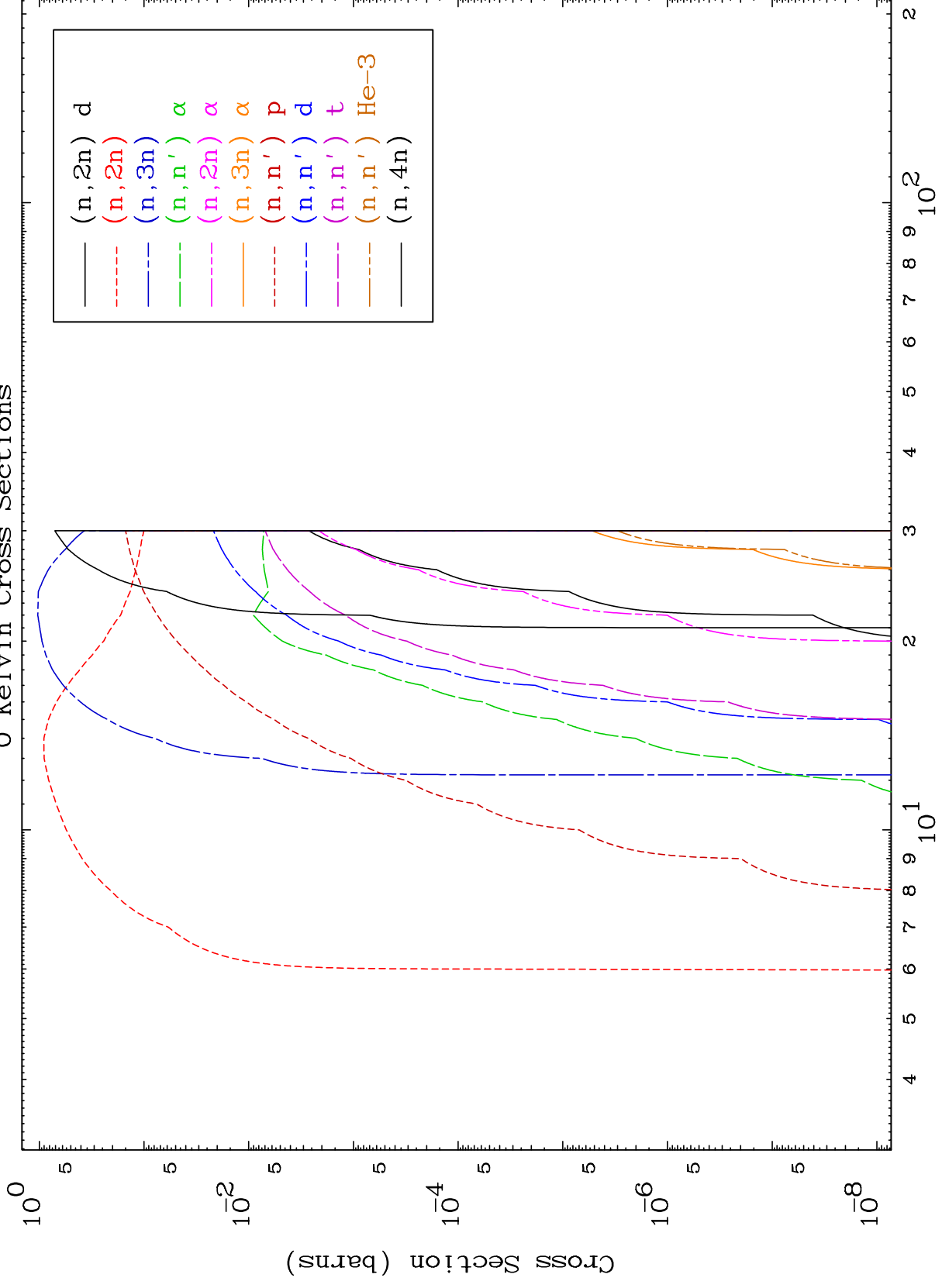
MAT 5070

Proton Major

50-Sn-127

0 Kelvin Cross Sections

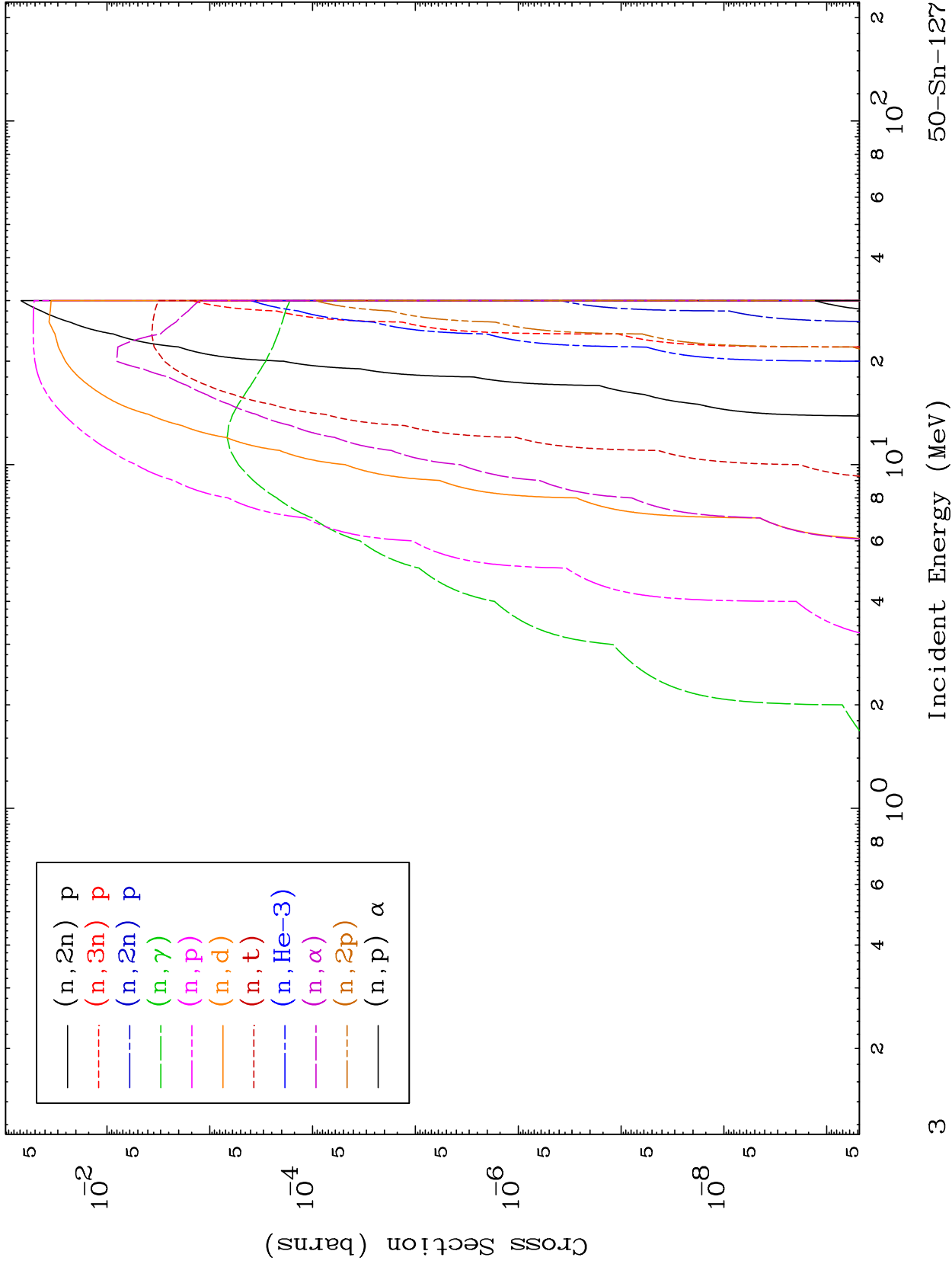




MAT 5070

Proton Neutron Absorption  
0 Kelvin Cross Sections

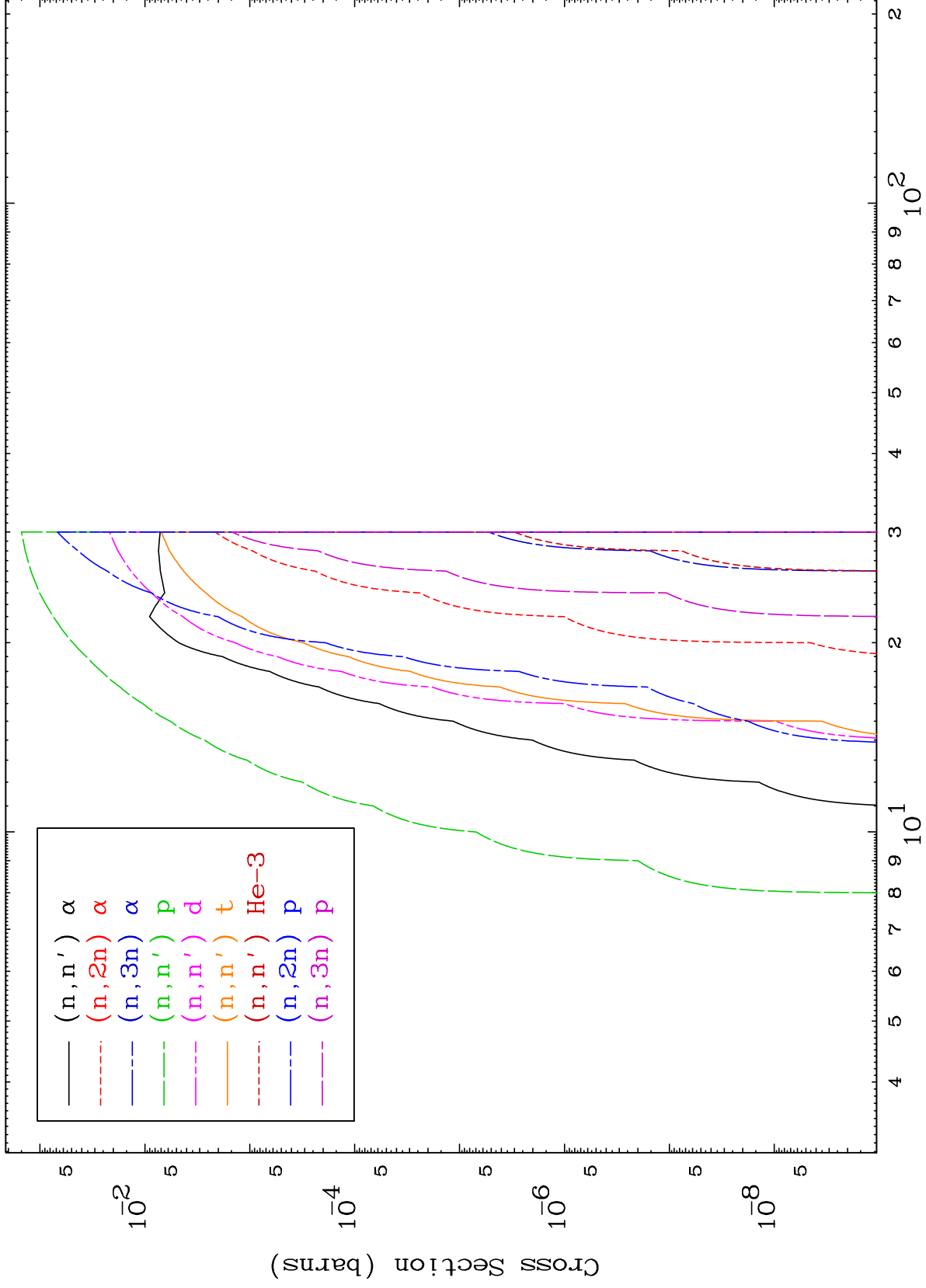
50-Sn-127



MAT 5070

Proton Charged Particle  
0 Kelvin Cross Sections

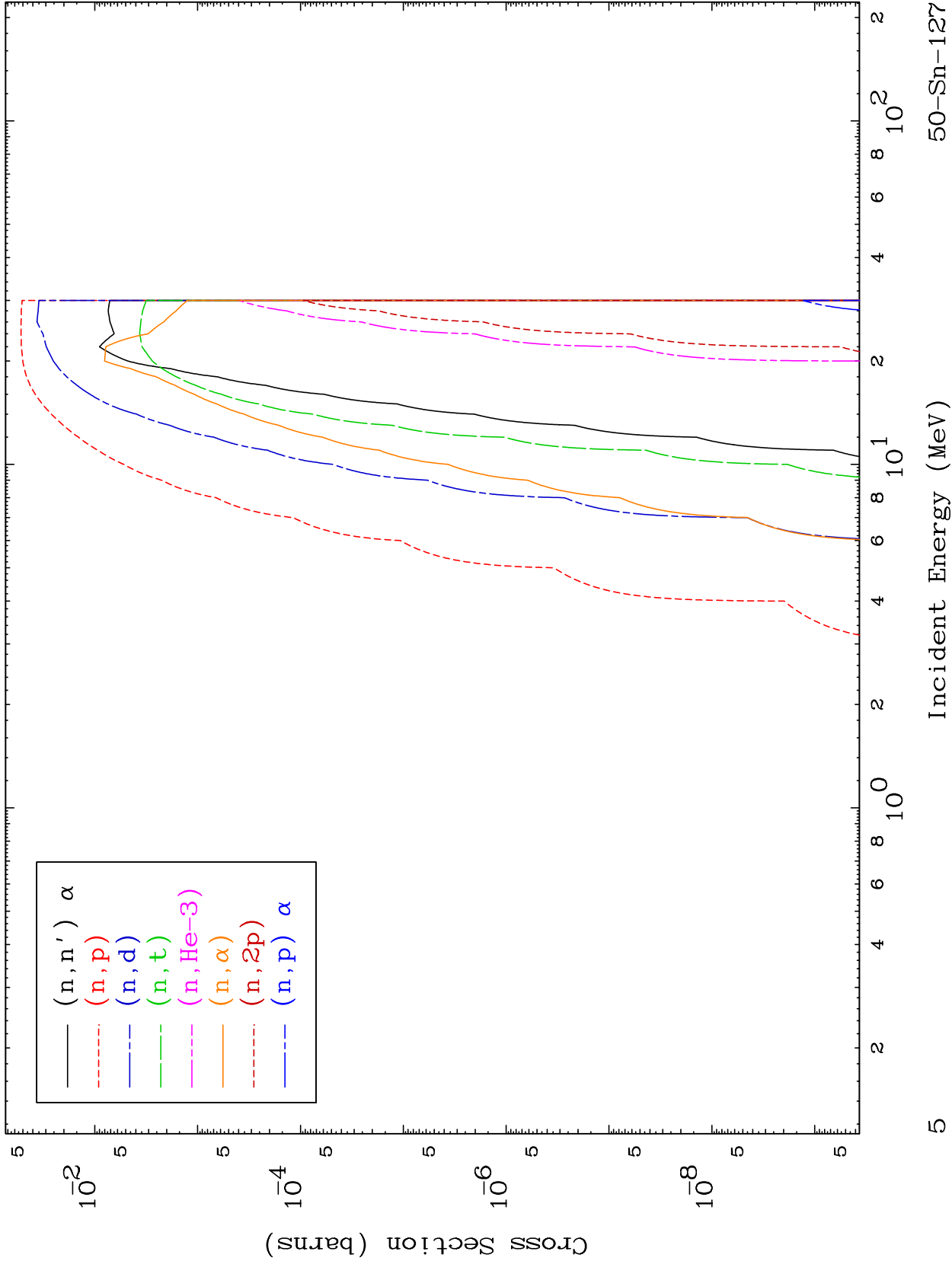
50-Sn-127



MAT 5070

Proton Charged Particle  
0 Kelvin Cross Sections

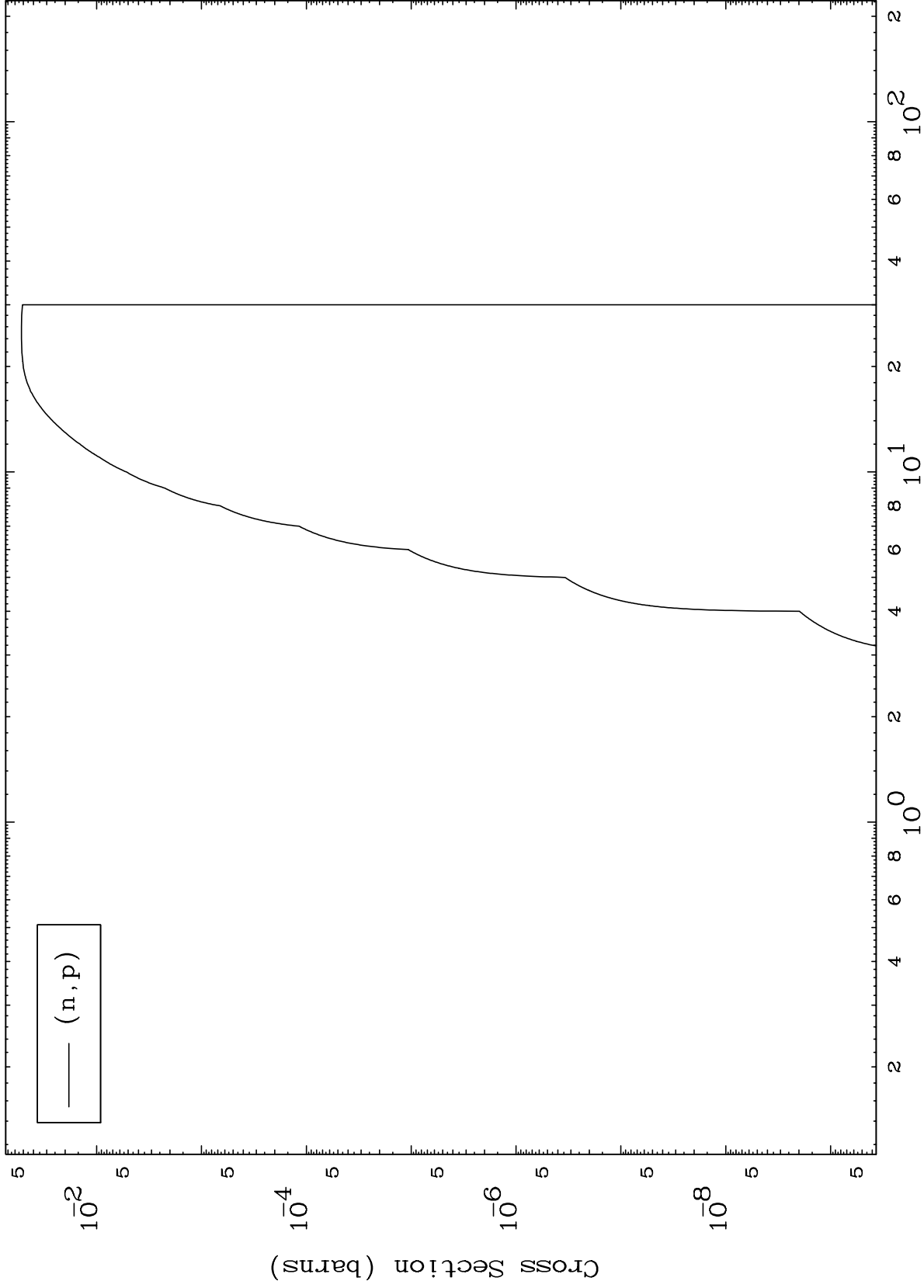
50-Sn-127



MAT 5070

(p,p) Levels  
0 Kelvin Cross Sections

50-Sn-127



(n,p)

6

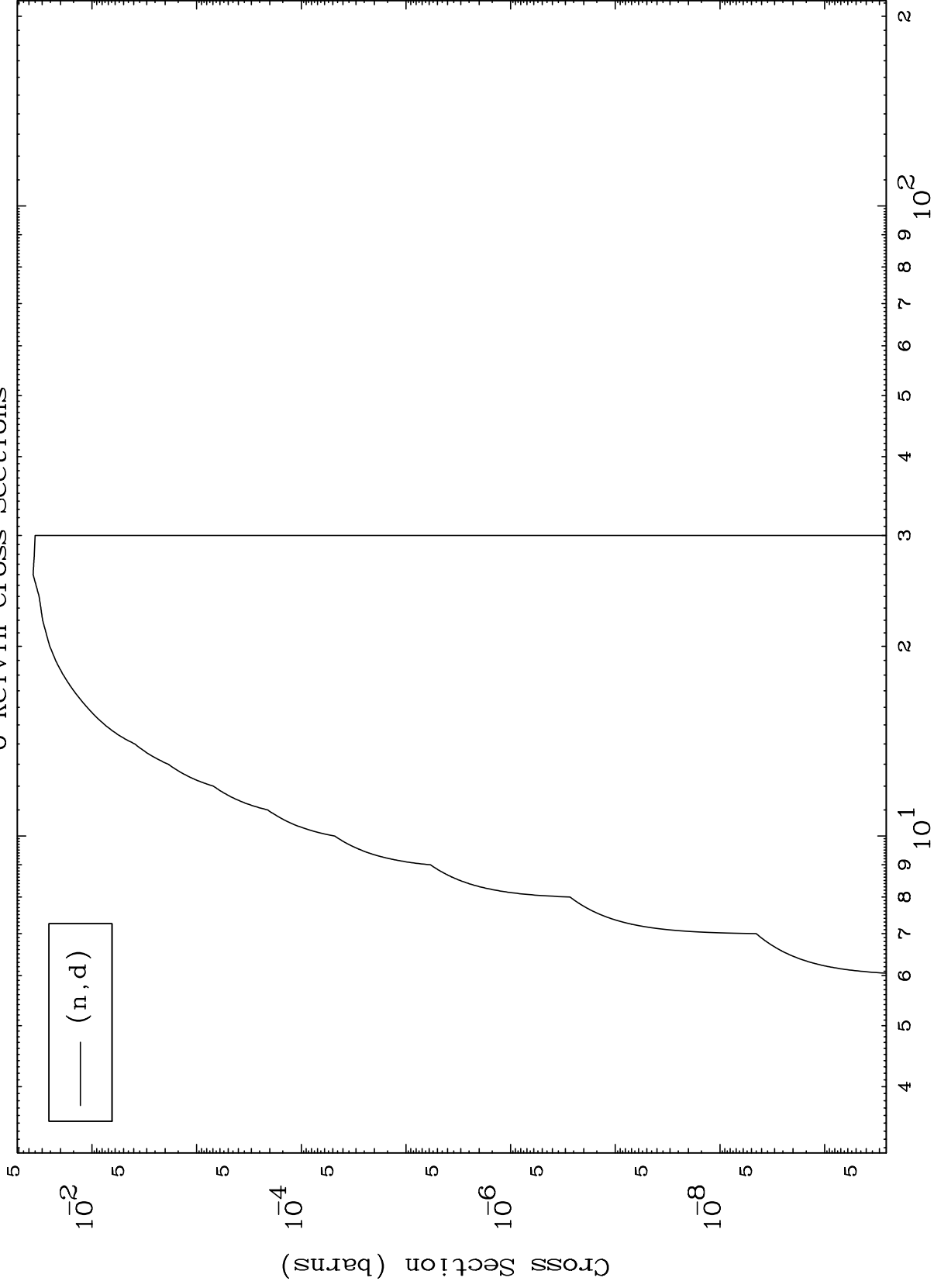
Incident Energy (MeV)

50-Sn-127

MAT 5070

(p,d) Levels  
0 Kelvin Cross Sections

50-Sn-127

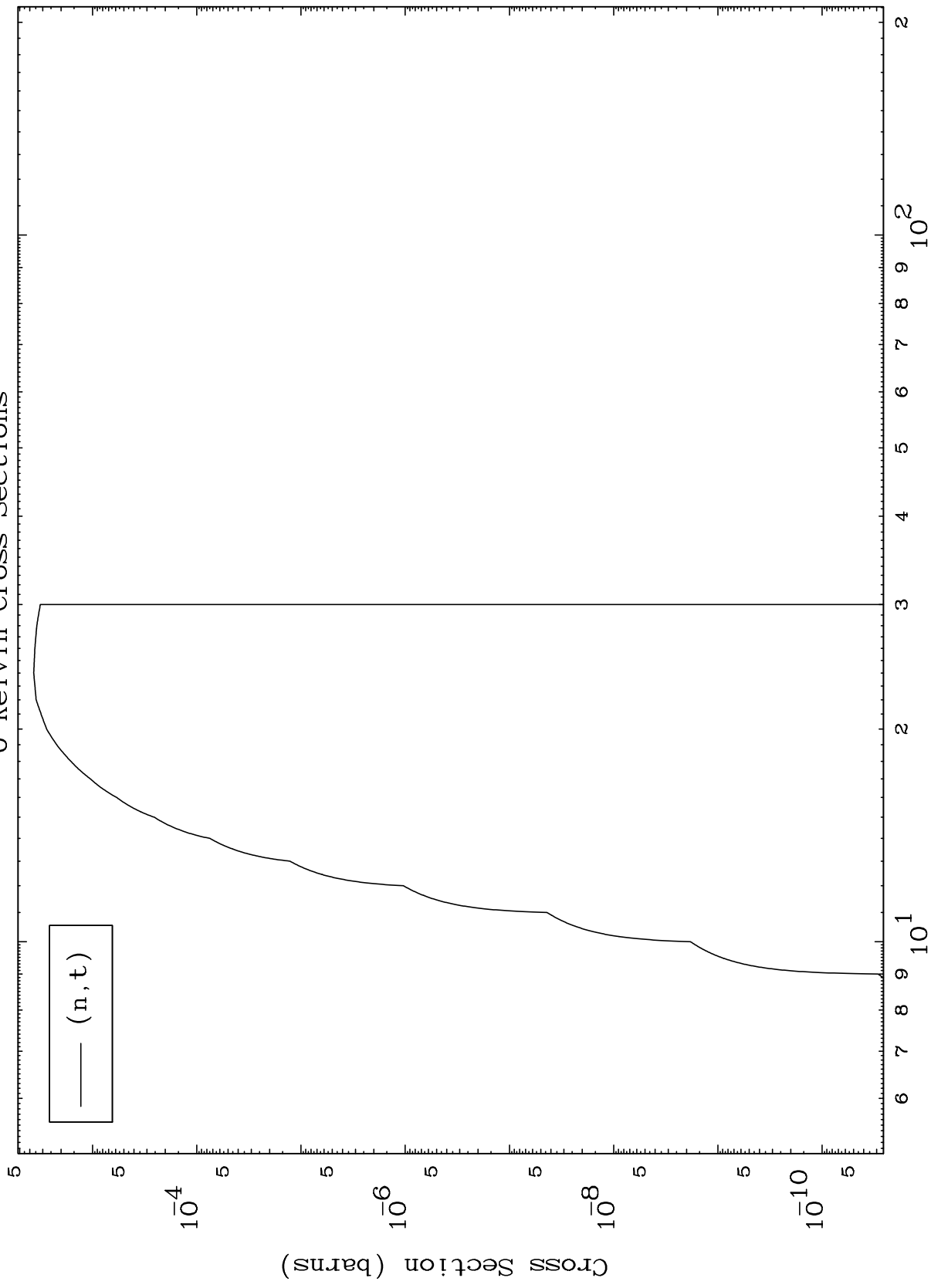




MAT 5070

(p, t) Levels  
0 Kelvin Cross Sections

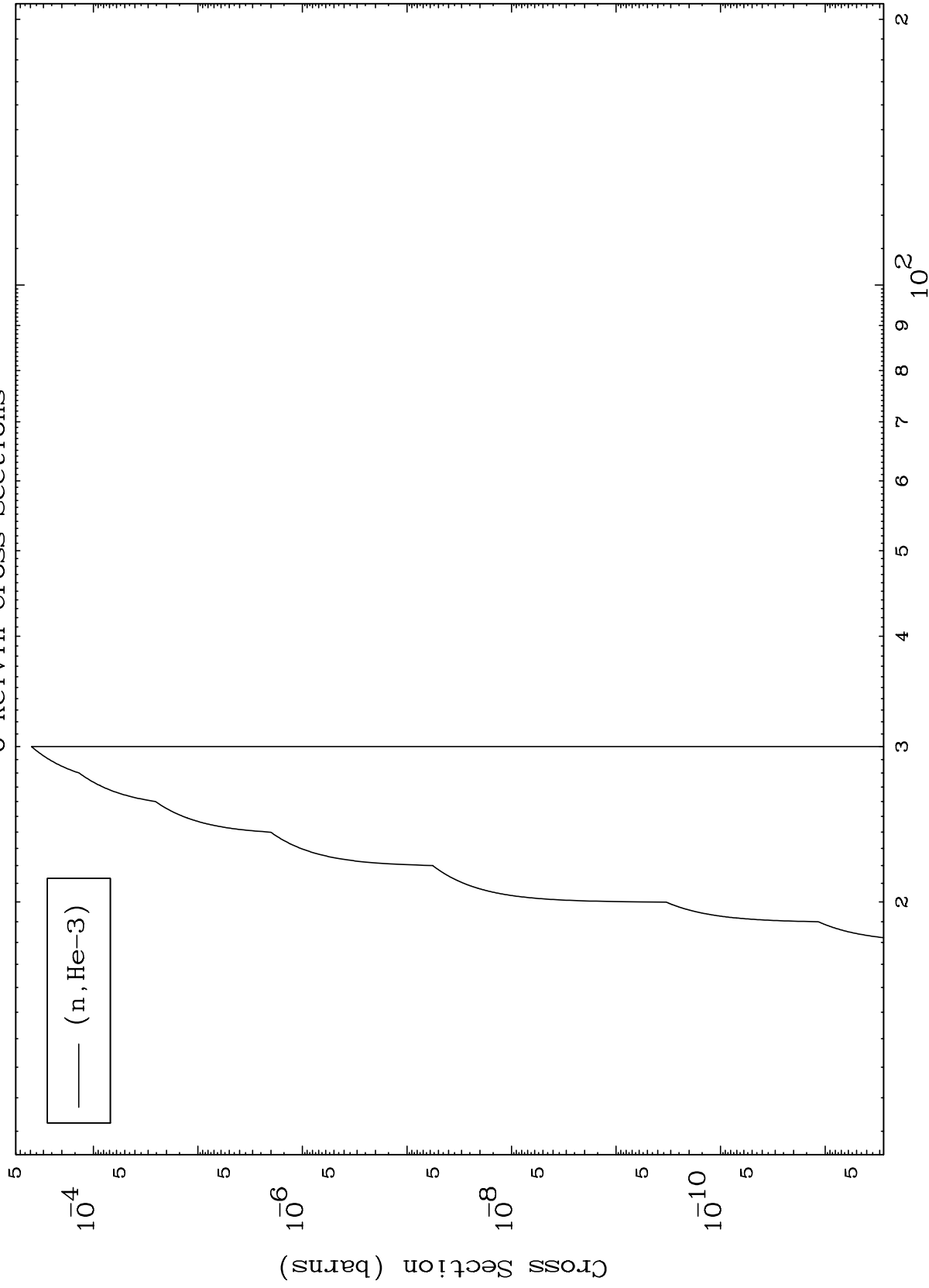
50-Sn-127

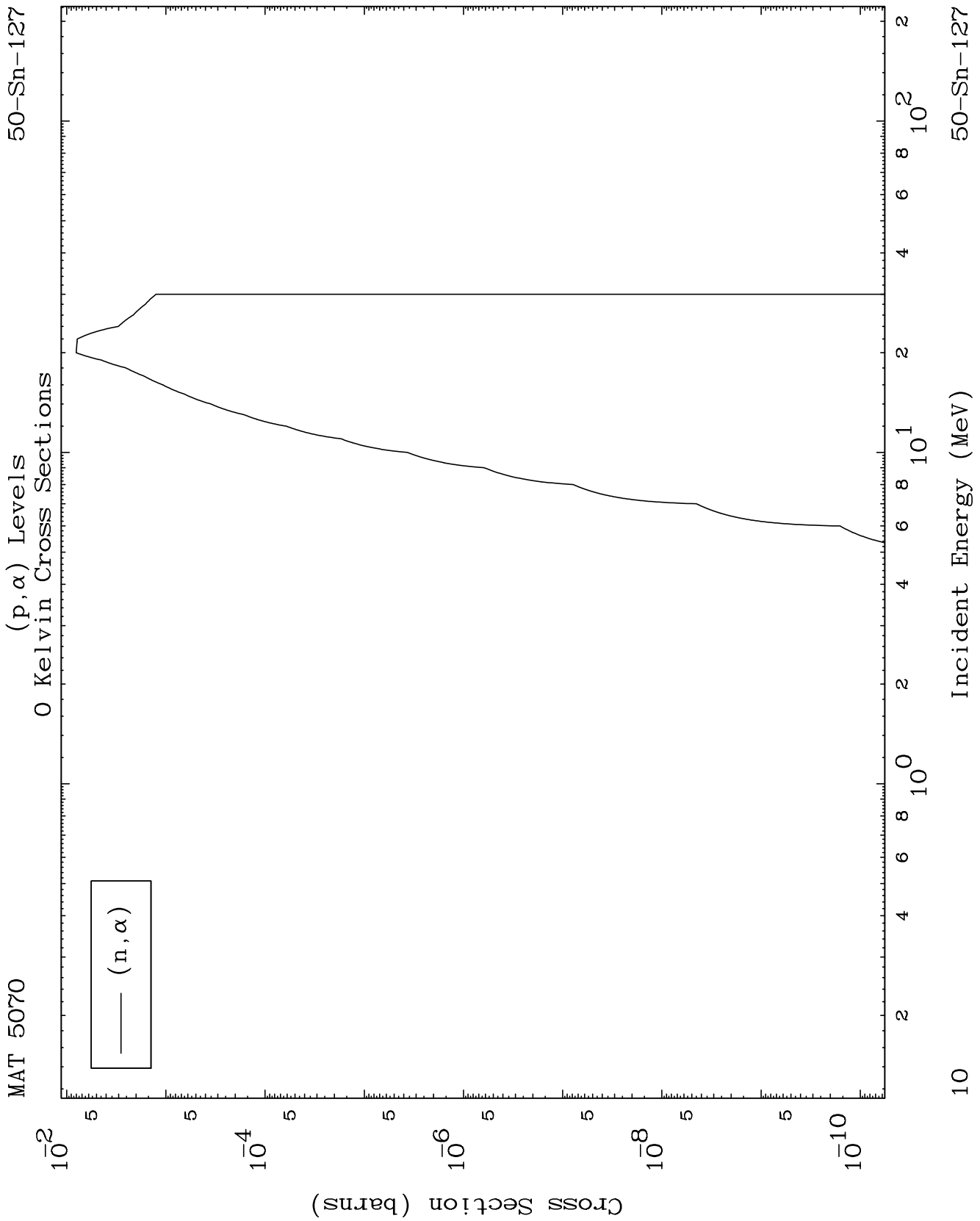


8

Incident Energy (MeV)

50-Sn-127

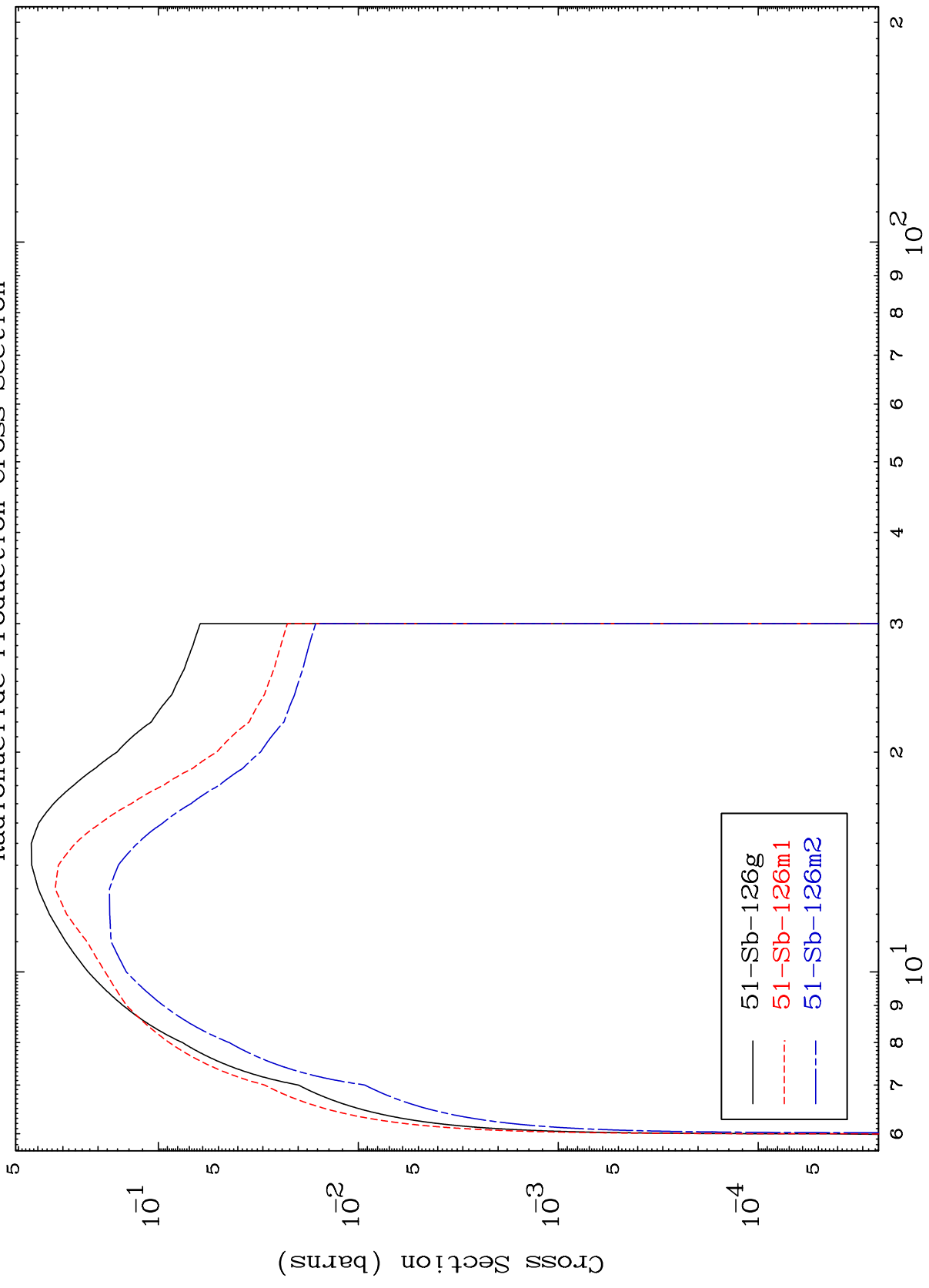




MAT 5070

50-Sn-127

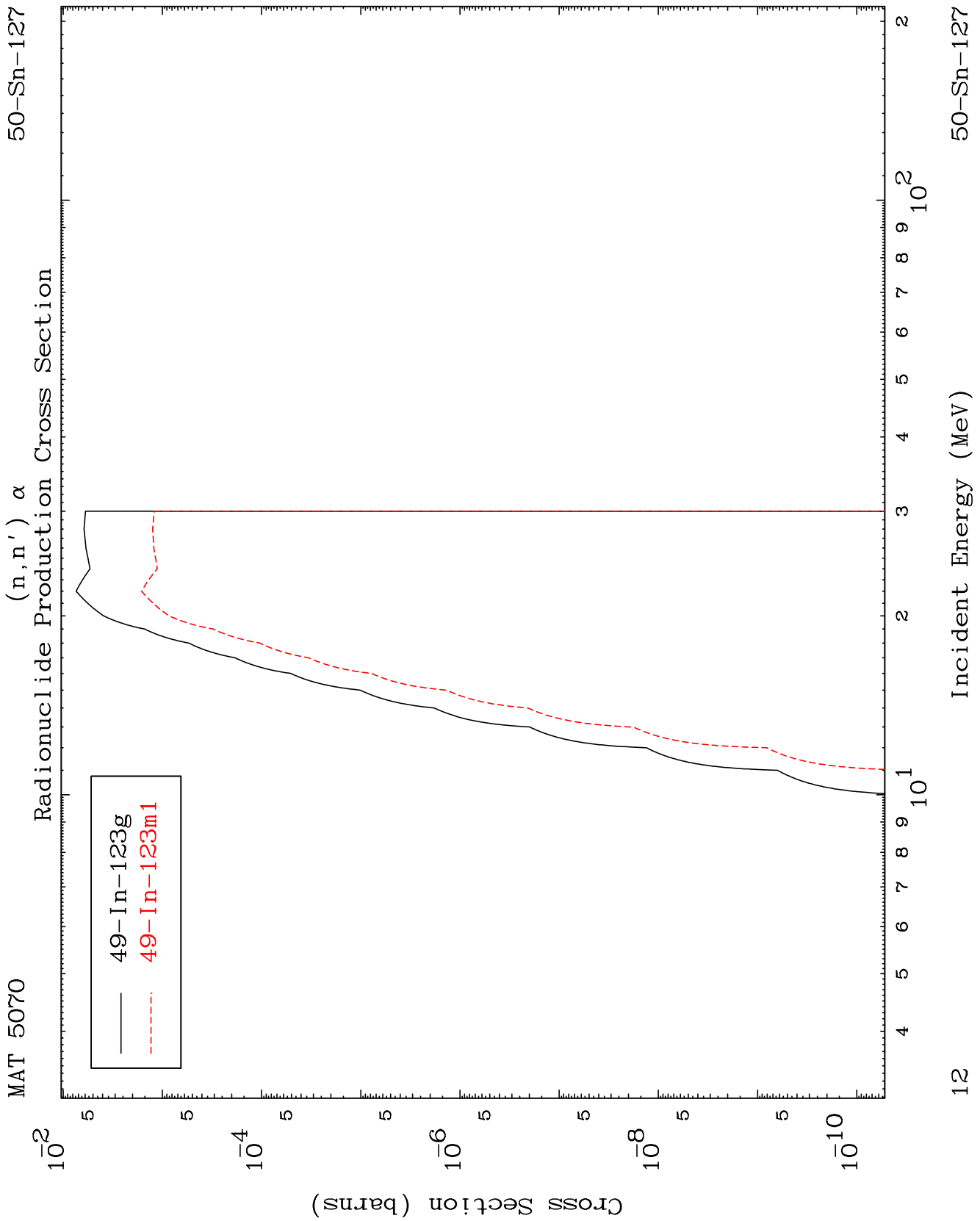
Radionuclide Production Cross Section  
(n,2n)



50-Sn-127

Incident Energy (MeV)

11

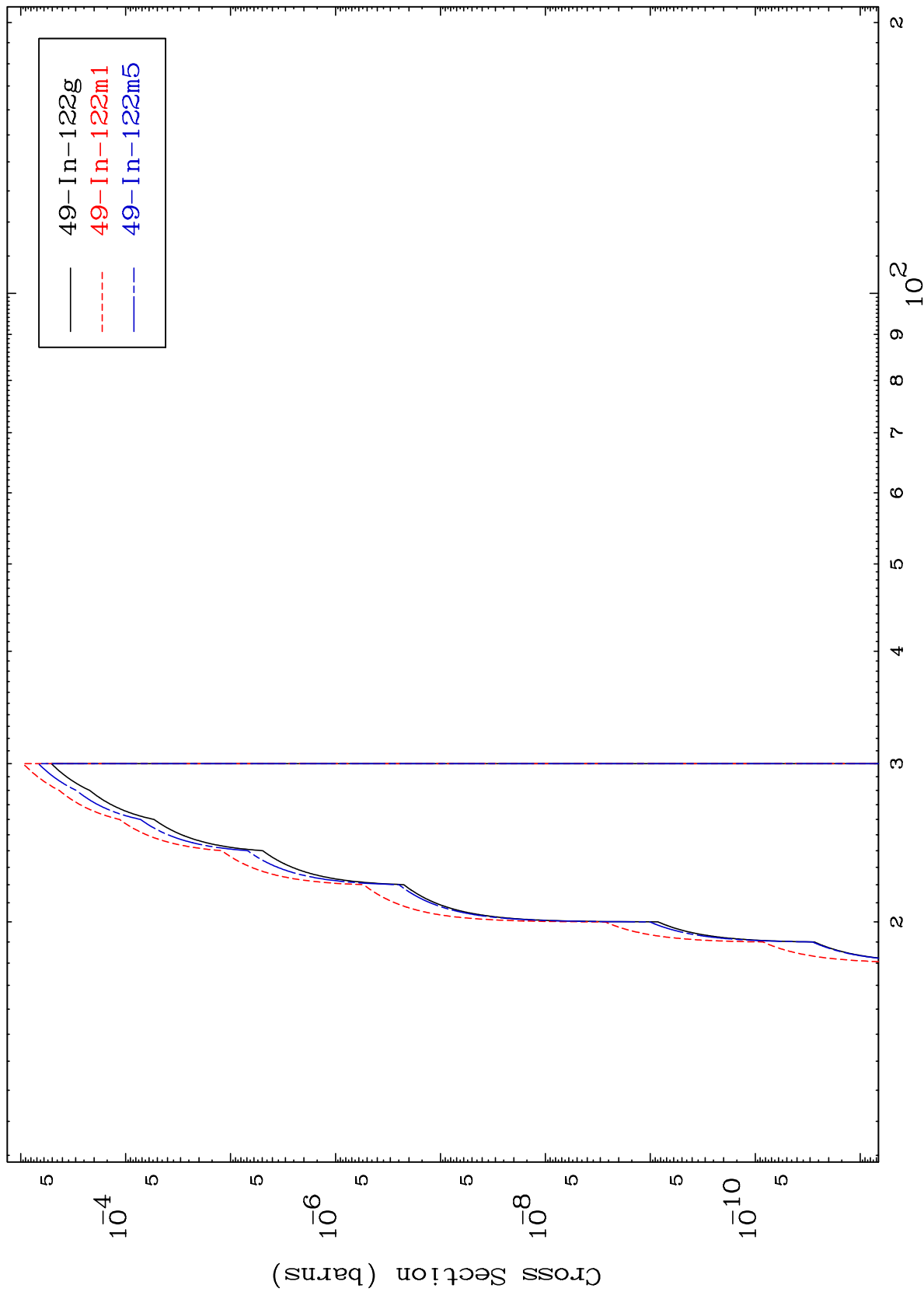


MAT 5070

50-Sn-127

(n,2n)  $\alpha$

Radionuclide Production Cross Section



50-Sn-127

Incident Energy (MeV)

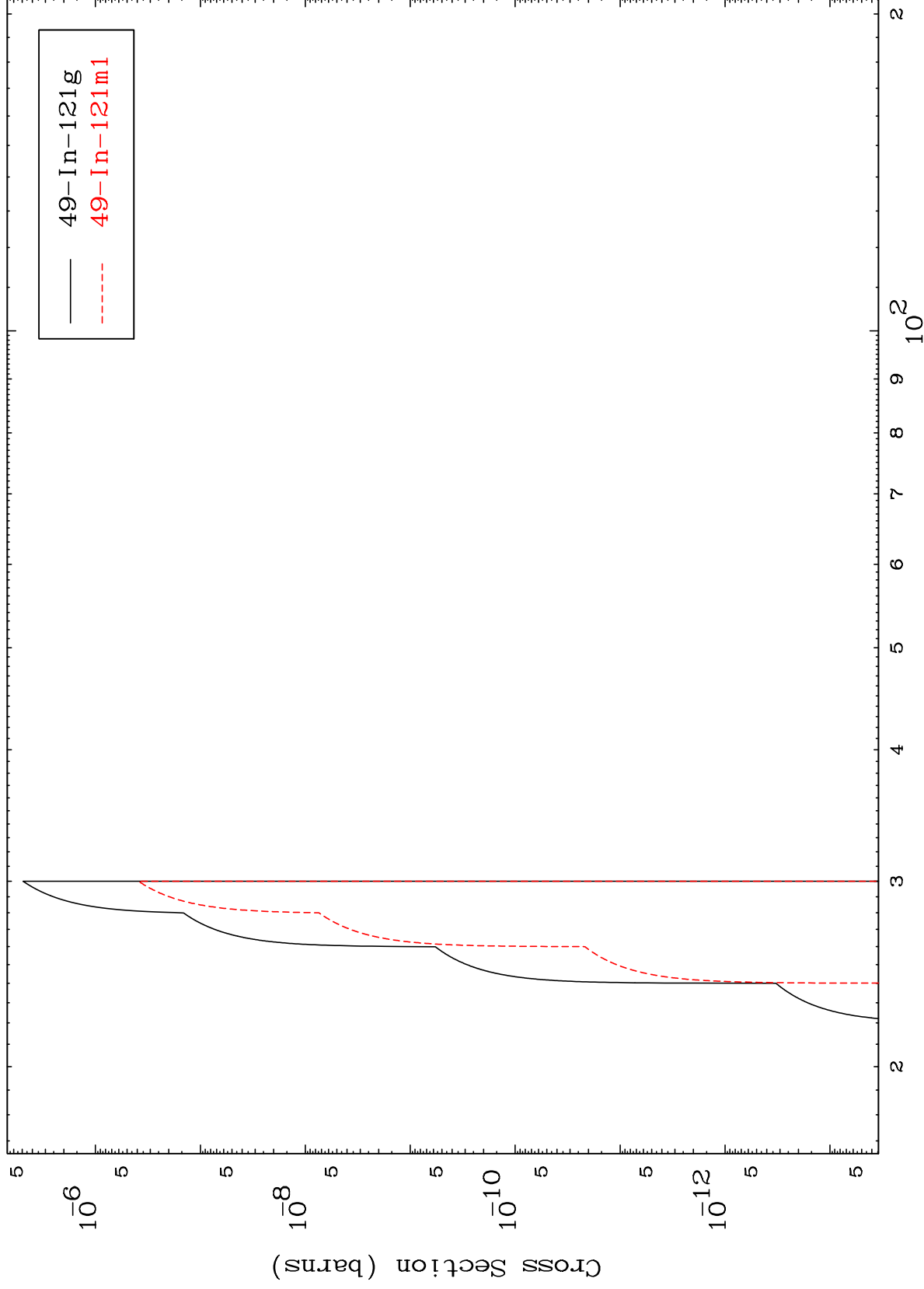
13

MAT 5070

(n,3n)  $\alpha$

50-Sn-127

Radionuclide Production Cross Section



14

Incident Energy (MeV)

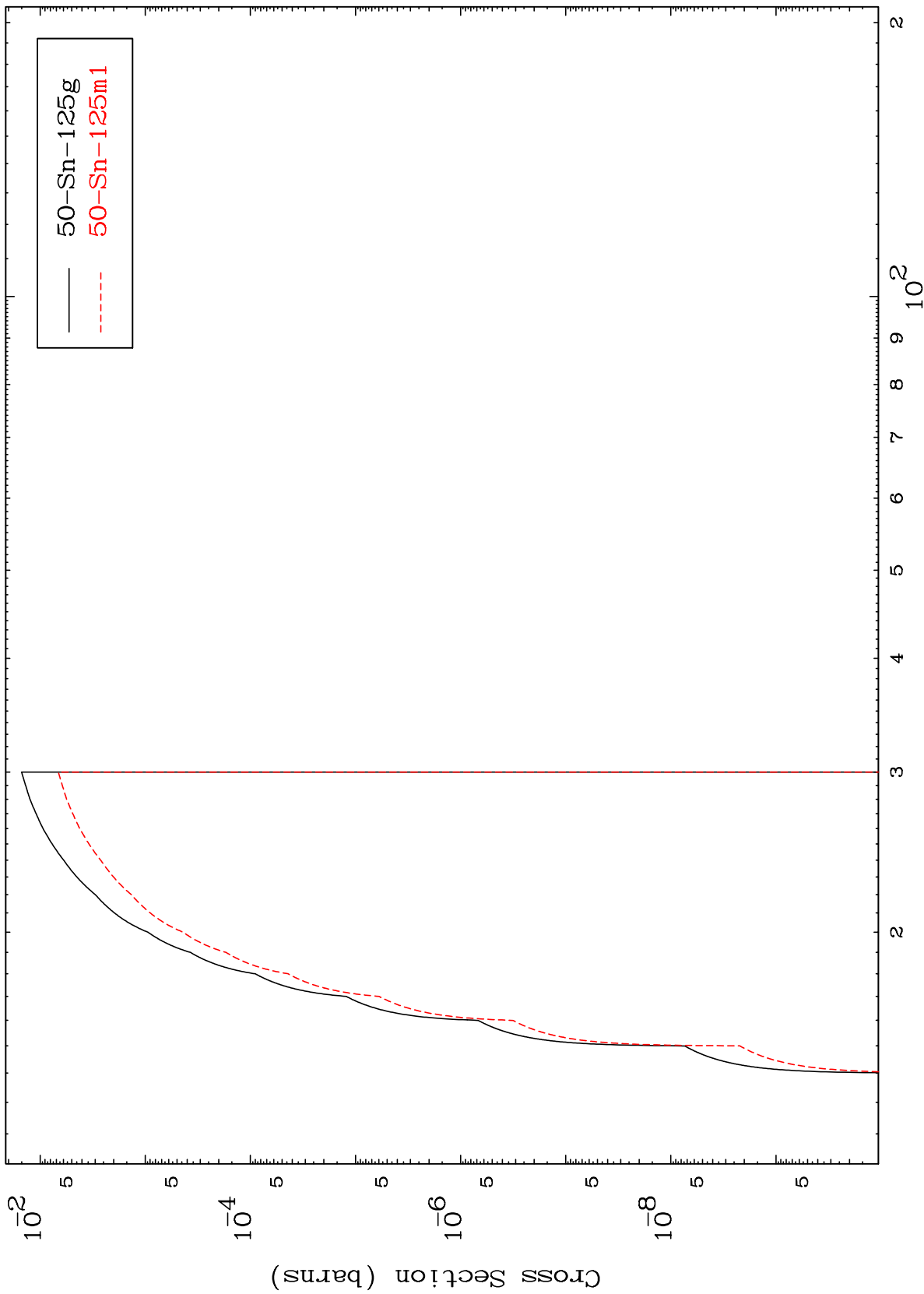
50-Sn-127

MAT 5070

(n,n') d

50-Sn-127

Radionuclide Production Cross Section



Incident Energy (MeV)

50-Sn-127

15

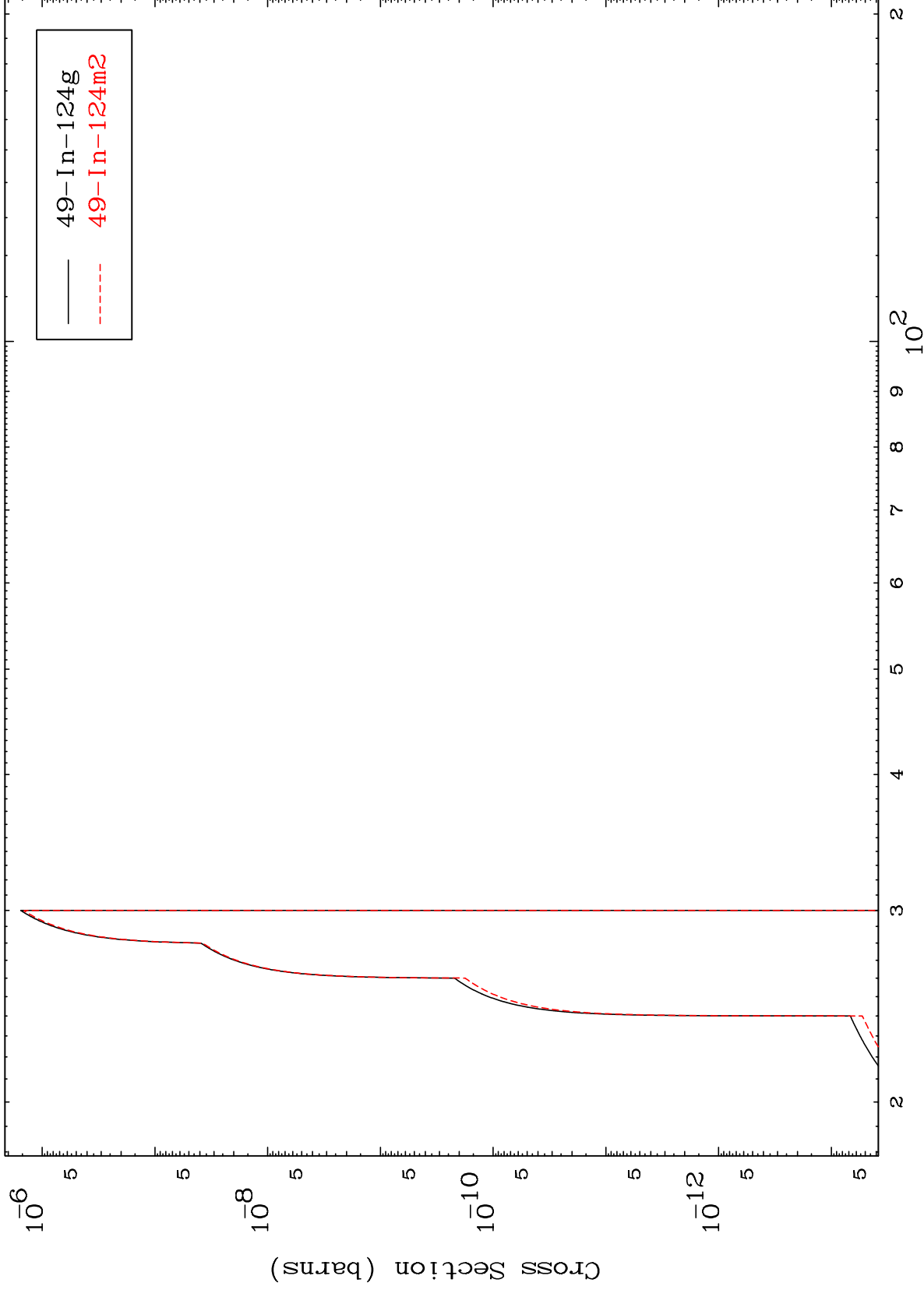


MAT 5070

(n,n') He-3

50-Sn-127

Radionuclide Production Cross Section



16

Incident Energy (MeV)

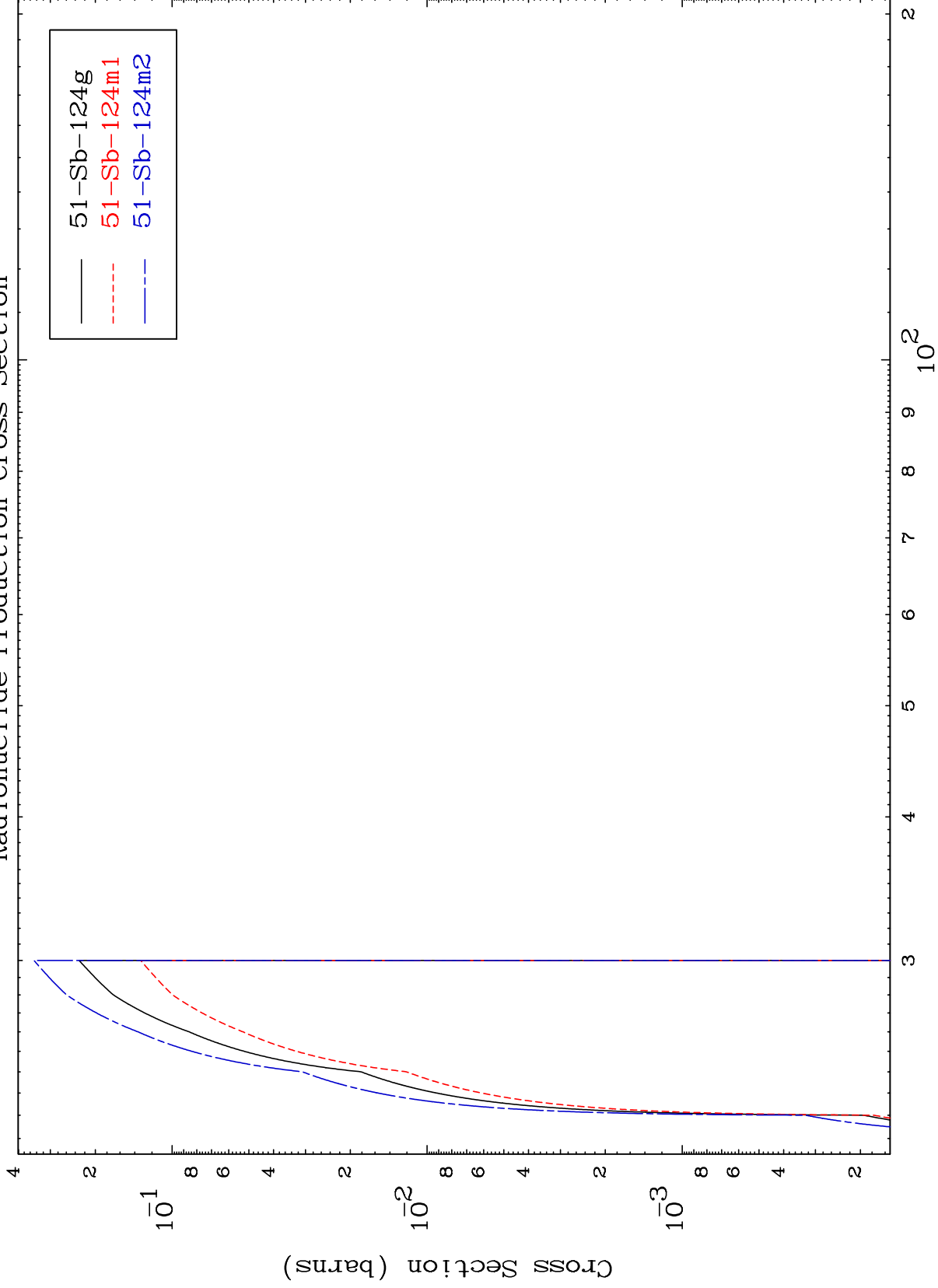
50-Sn-127

MAT 5070

(n,4n)

50-Sn-127

Radionuclide Production Cross Section



17

Incident Energy (MeV)

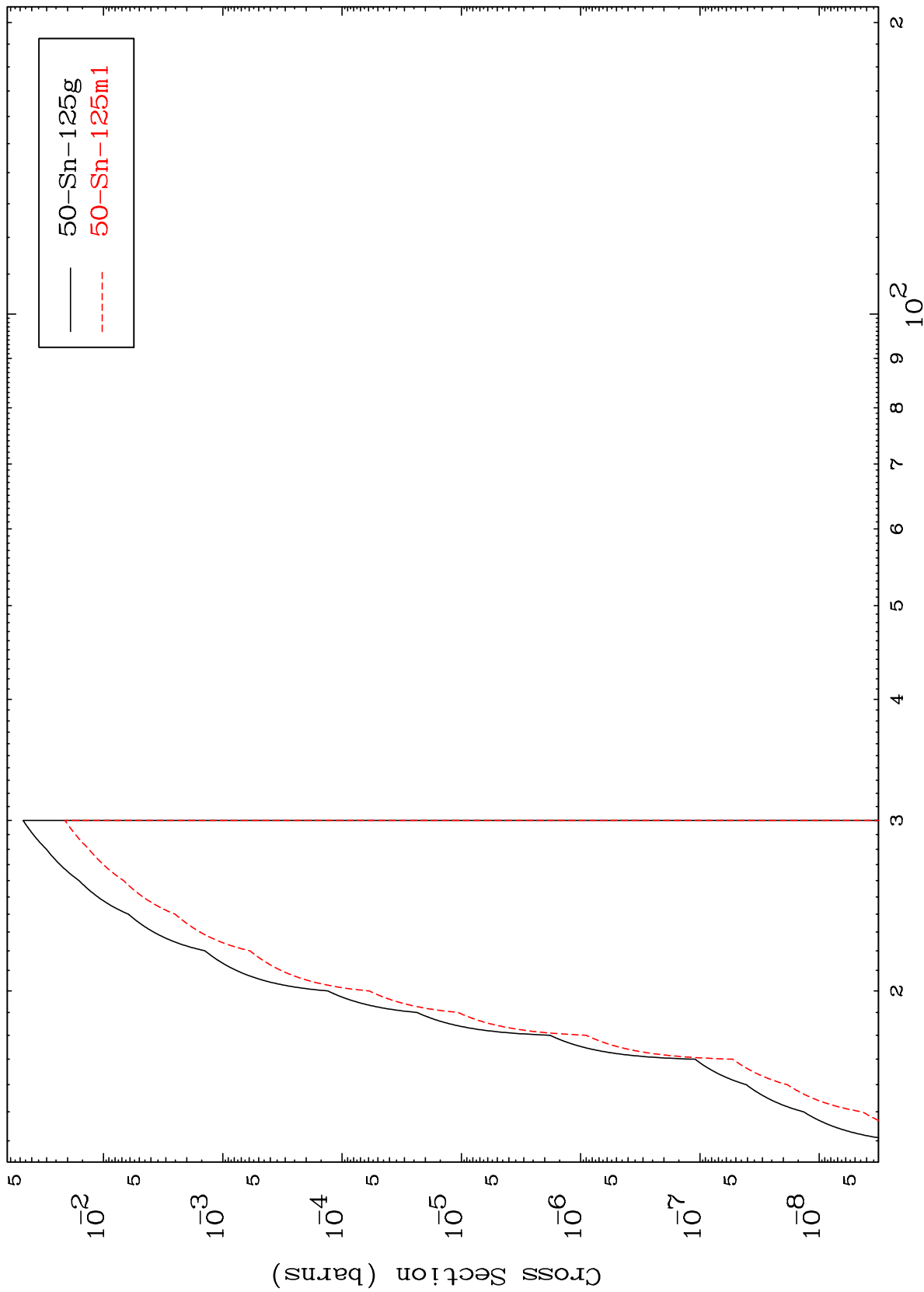
50-Sn-127

MAT 5070

50-Sn-127

(n,2n) p

Radionuclide Production Cross Section

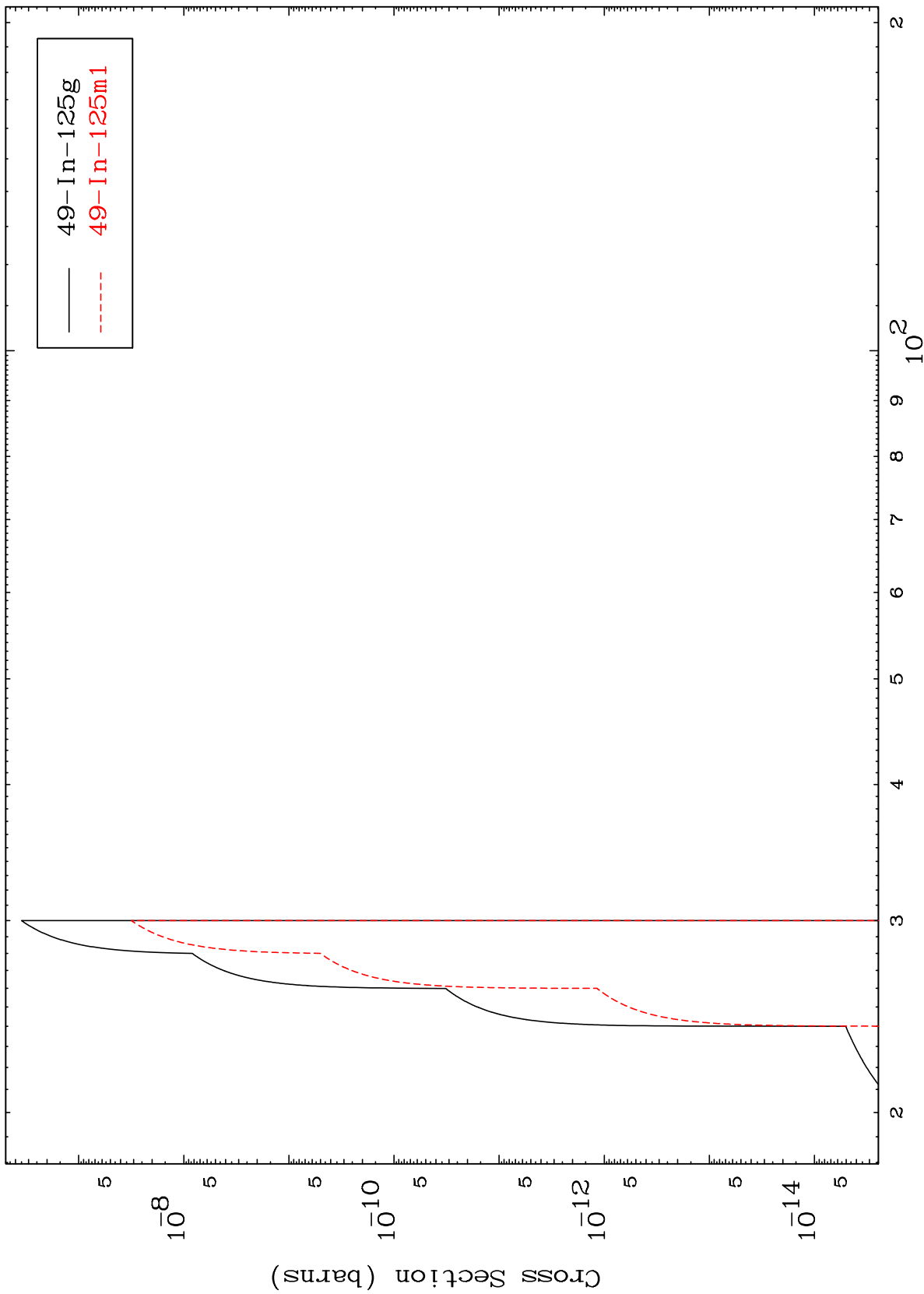


18

Incident Energy (MeV)

50-Sn-127

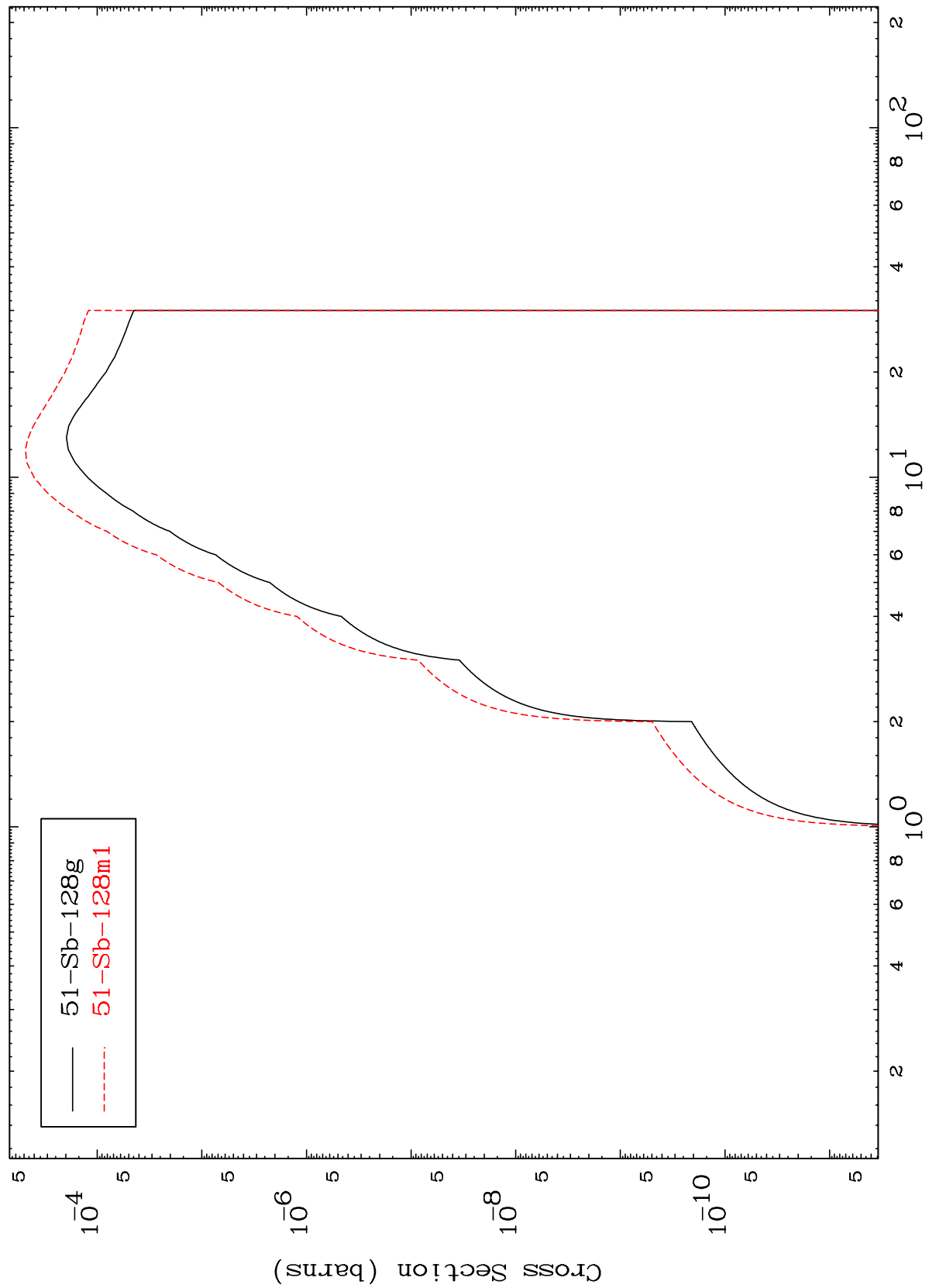
Radionuclide Production Cross Section



MAT 5070

50-Sn-127

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

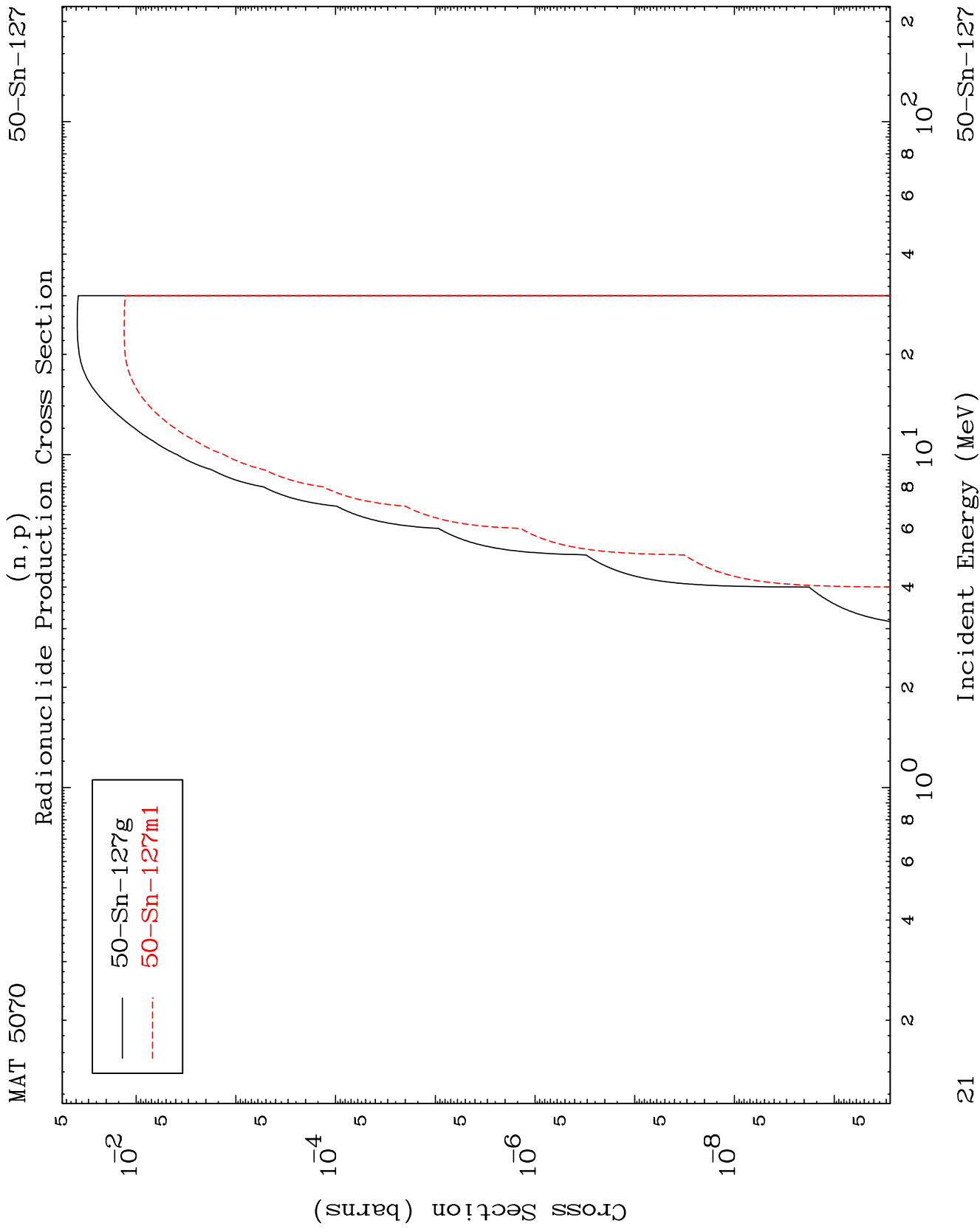


50-Sn-127

Incident Energy (MeV)

20

MAT 5070

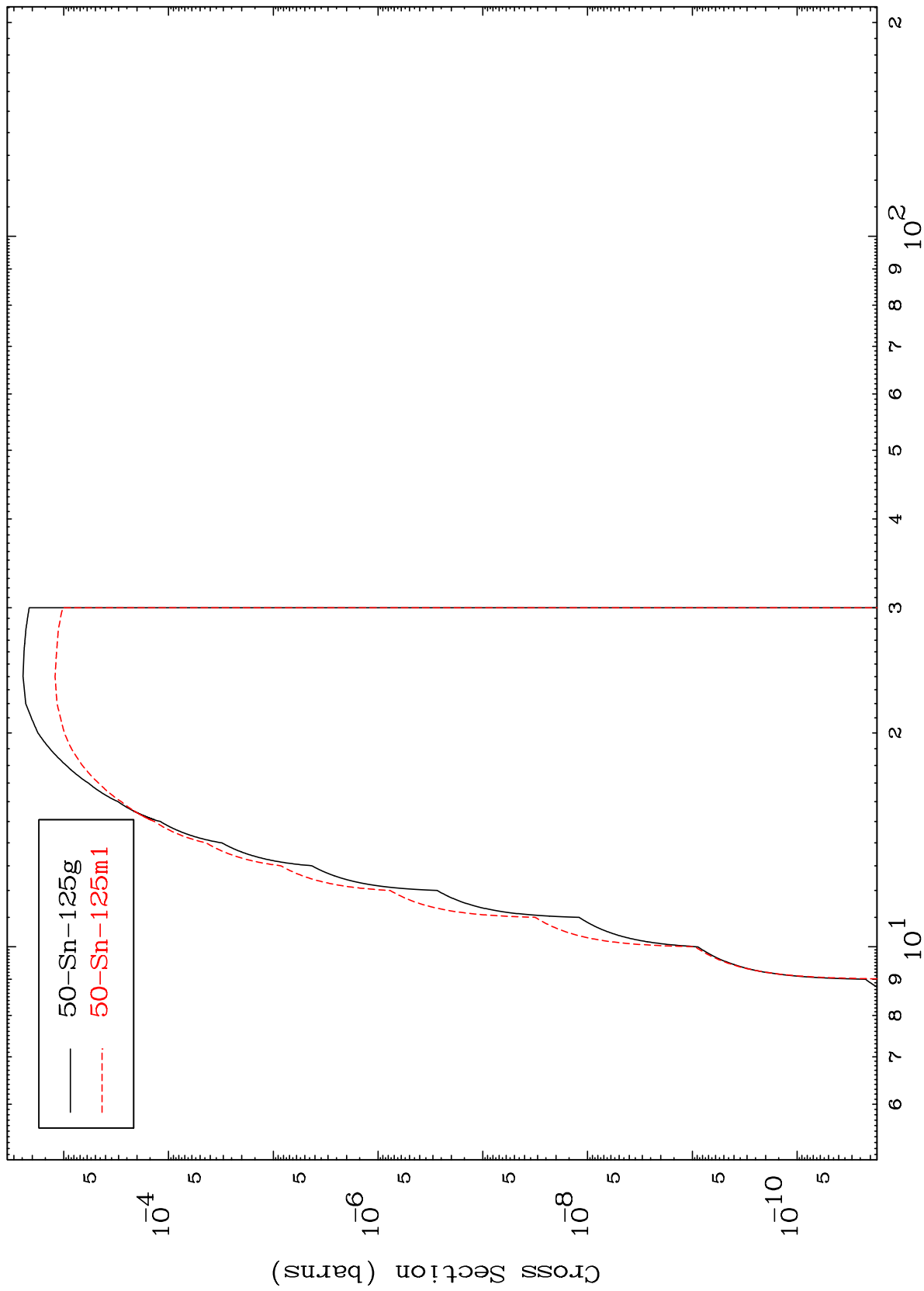


MAT 5070

50-Sn-127

Radionuclide Production Cross Section

(n, t)



22

Incident Energy (MeV)

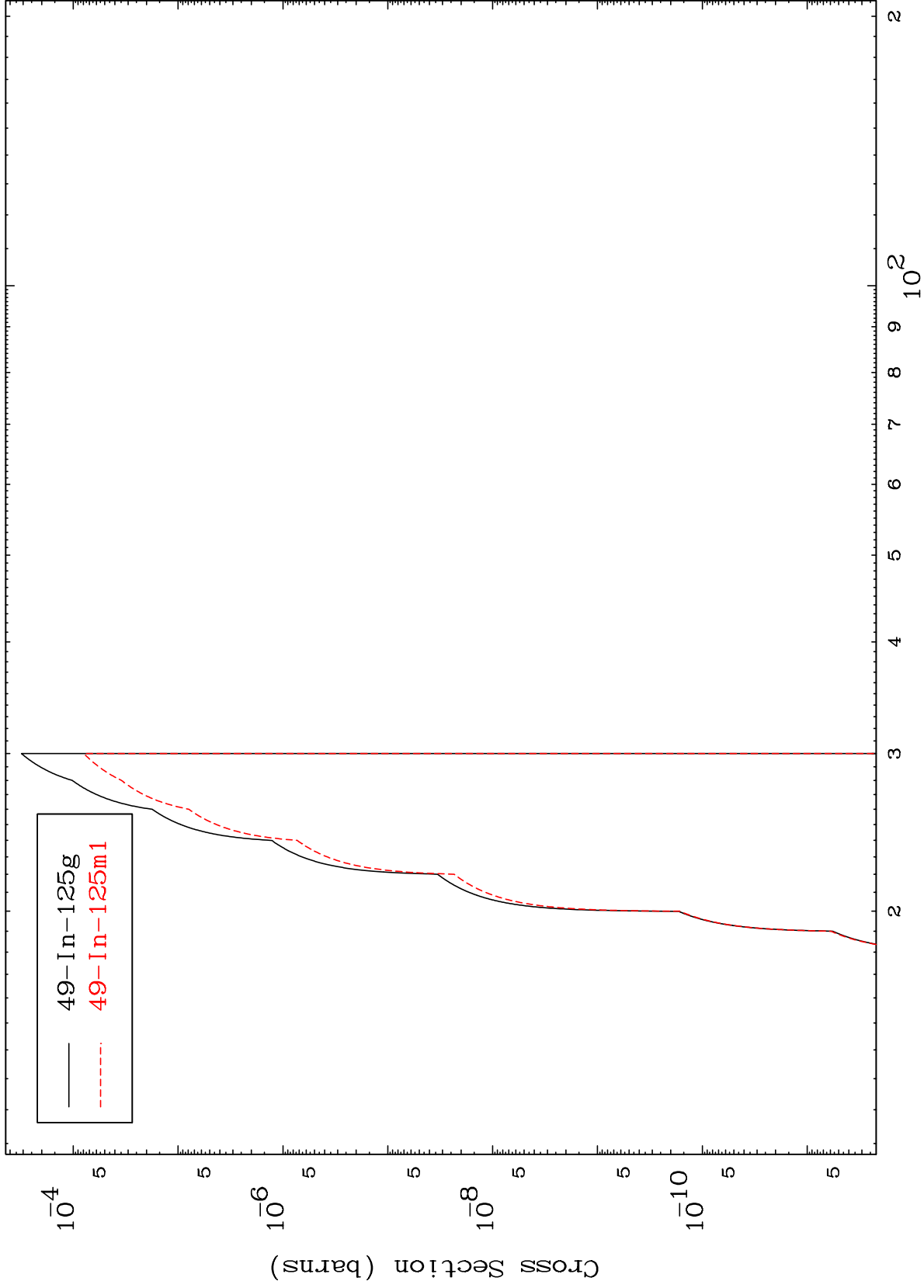
50-Sn-127

MAT 5070

(n,He-3)

50-Sn-127

Radionuclide Production Cross Section

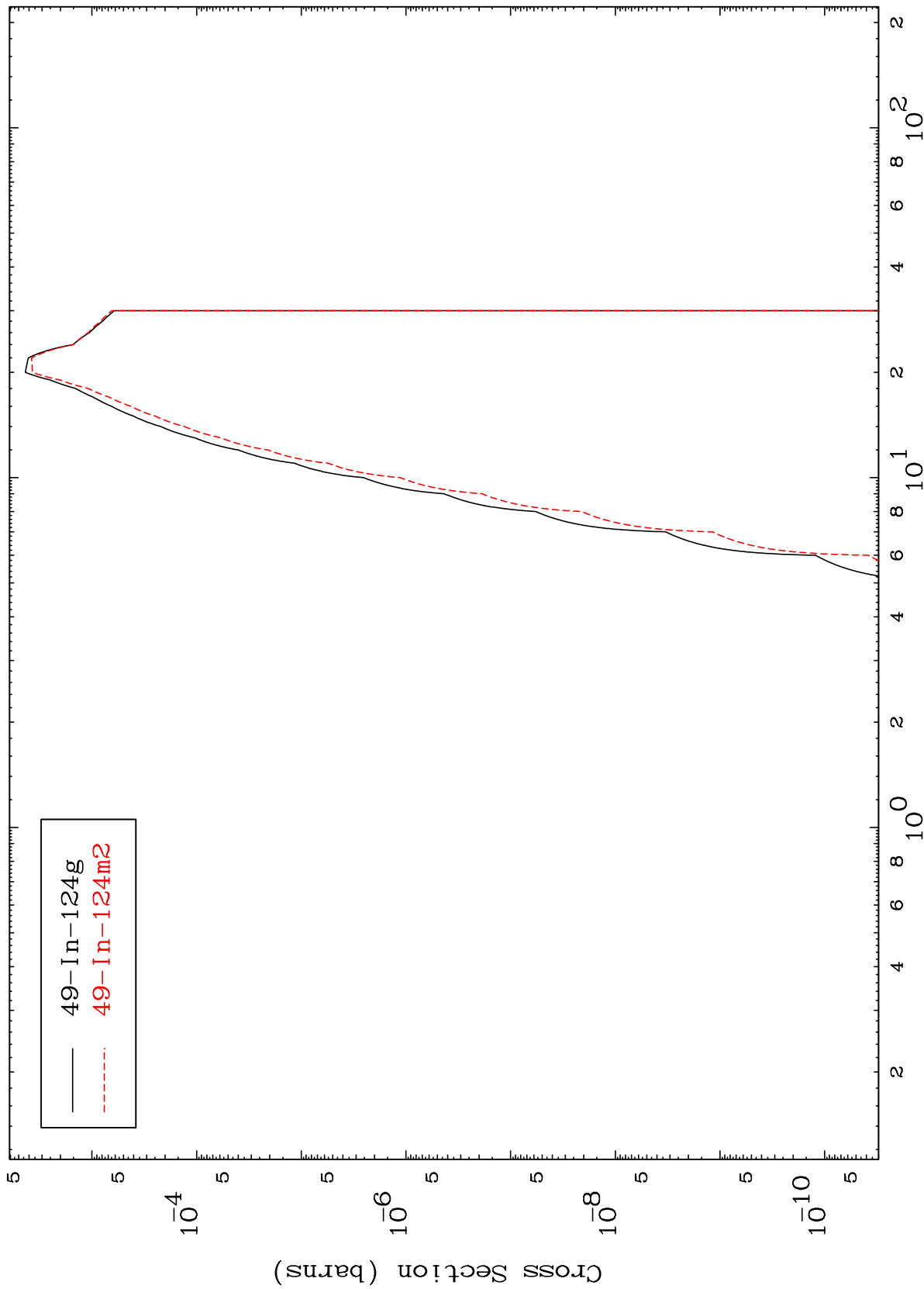




MAT 5070

50-Sn-127

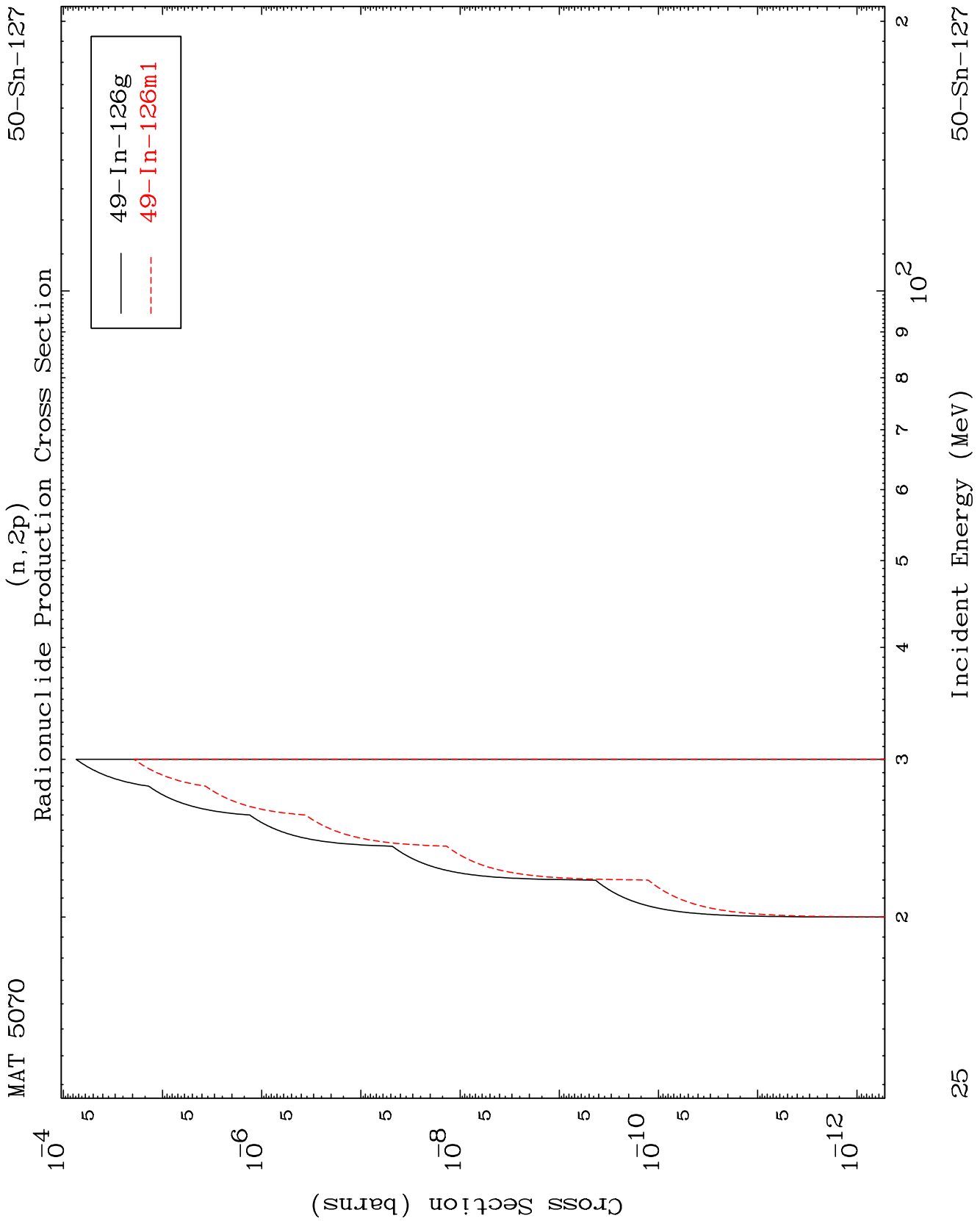
Radionuclide Production Cross Section  
(n,  $\alpha$ )



50-Sn-127

Incident Energy (MeV)

24

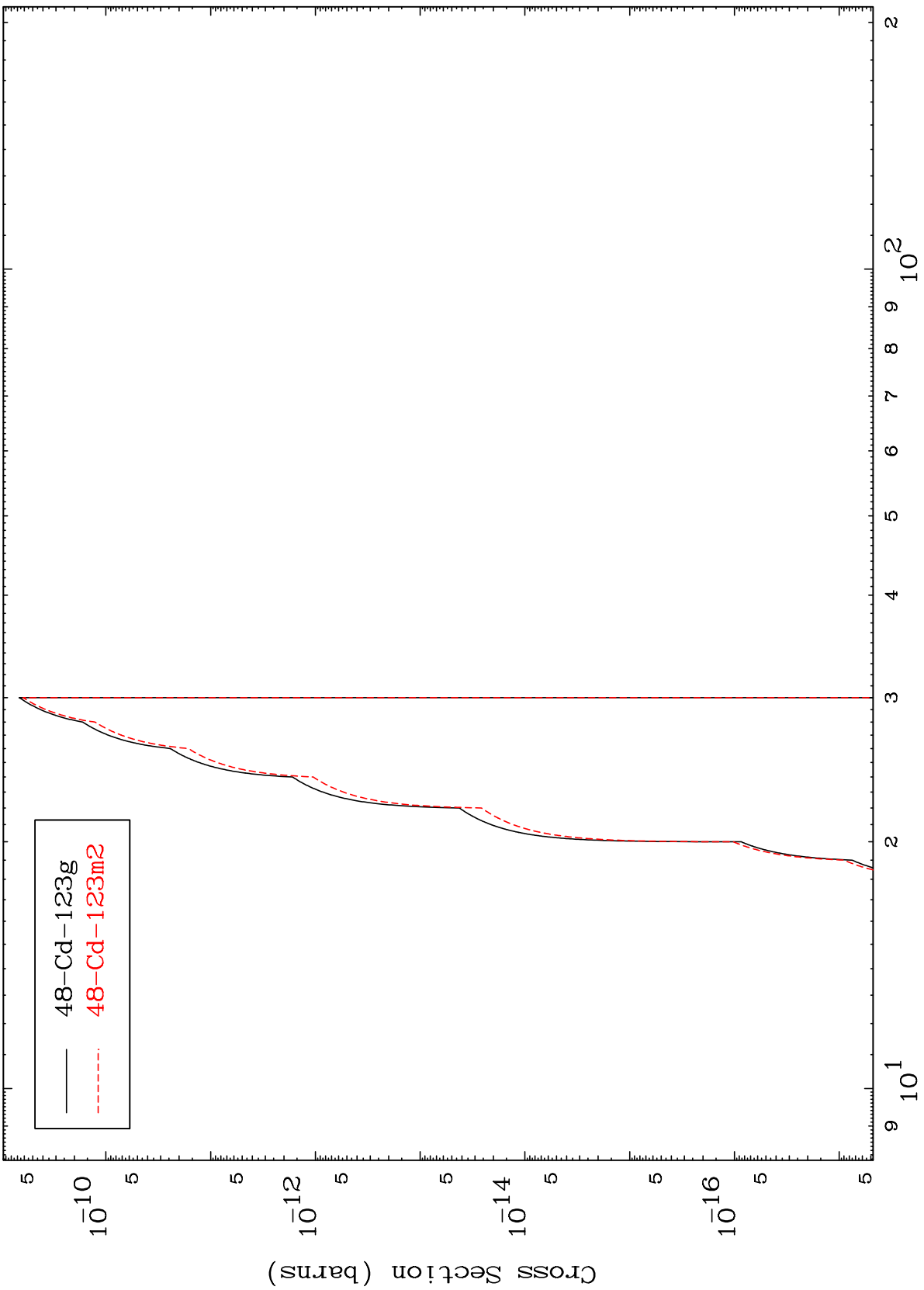


MAT 5070

(n,p)  $\alpha$

50-Sn-127

Radionuclide Production Cross Section



26

Incident Energy (MeV)

50-Sn-127