

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

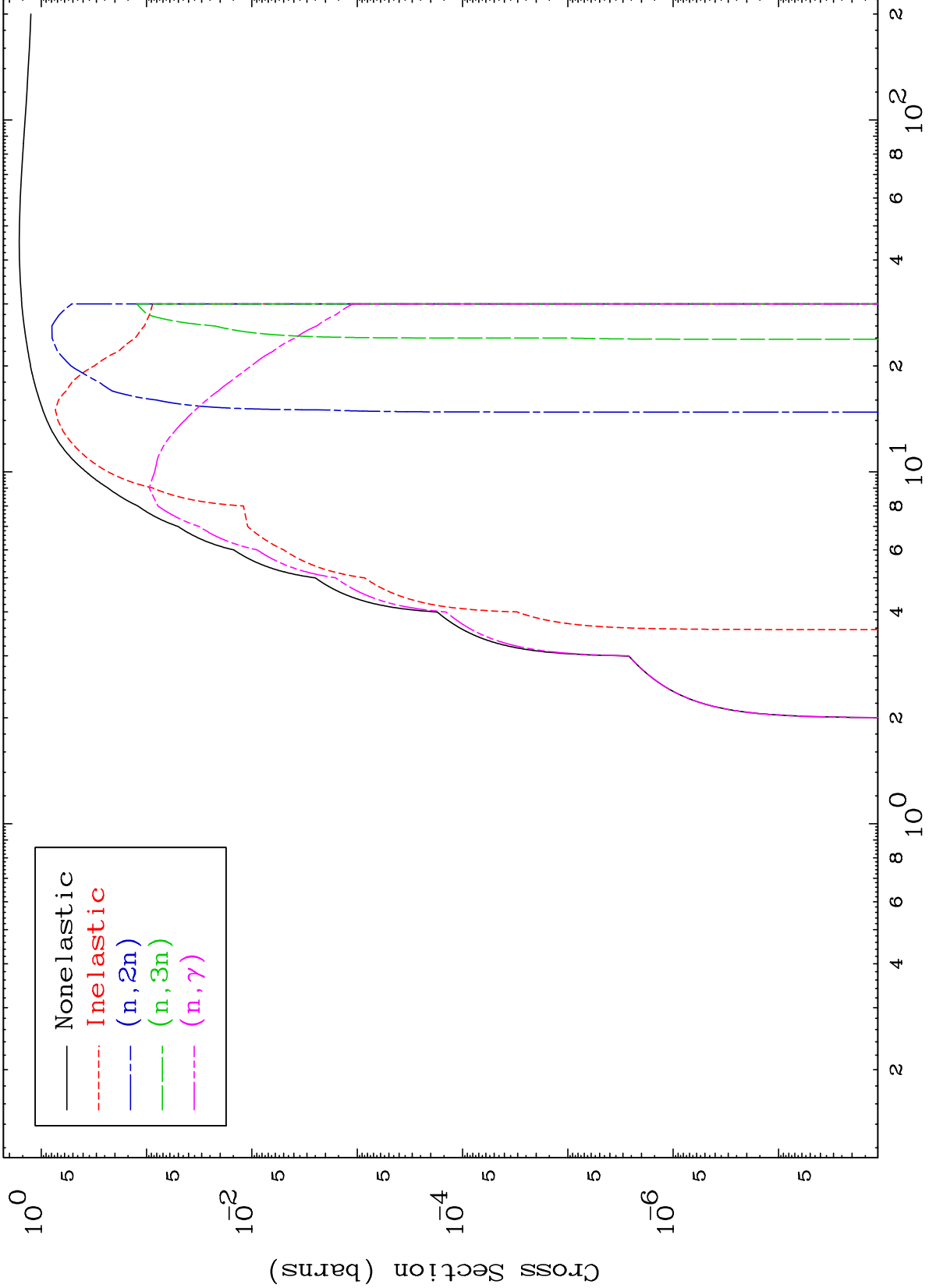
Press Mouse Button to Start

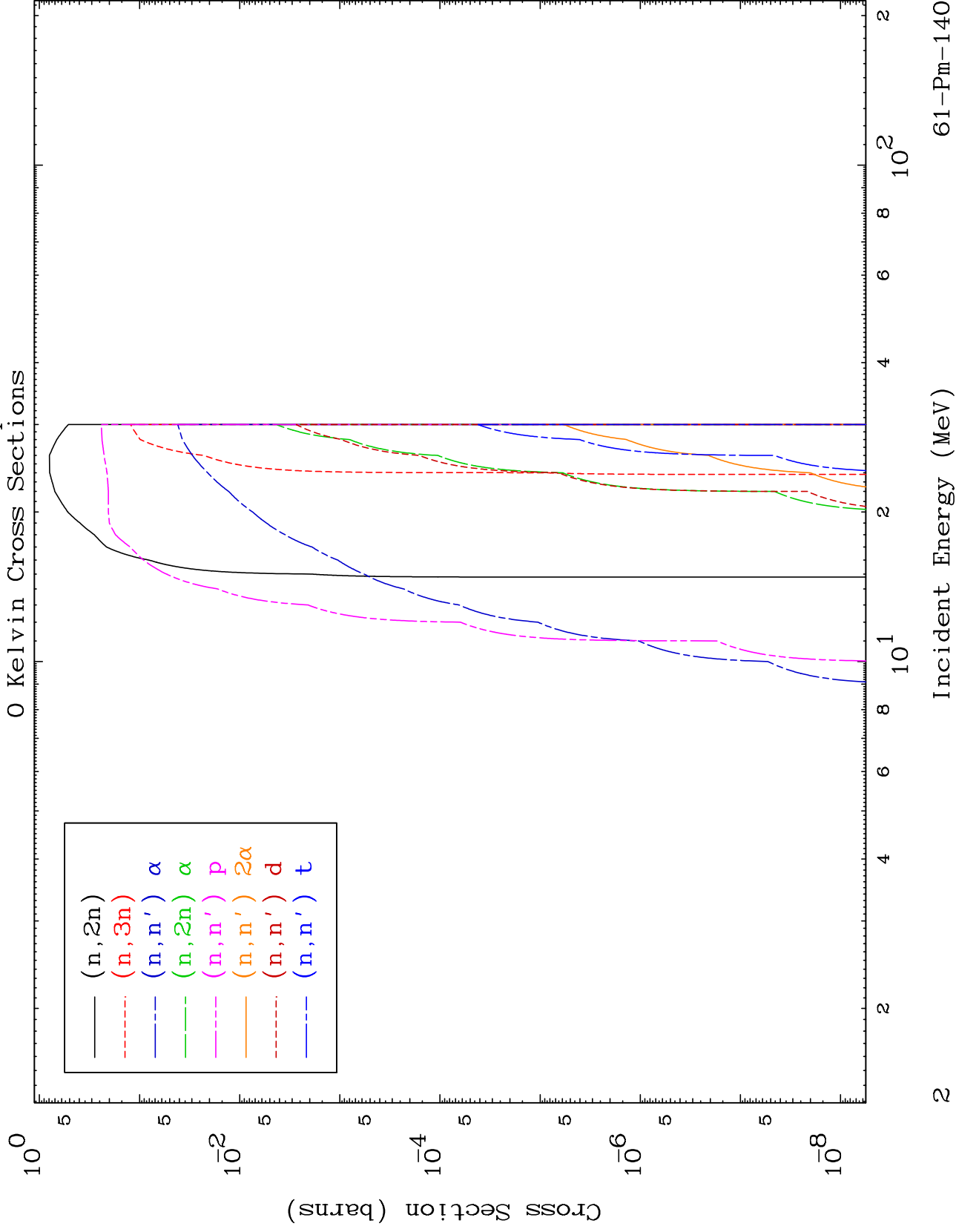
MAT 6128

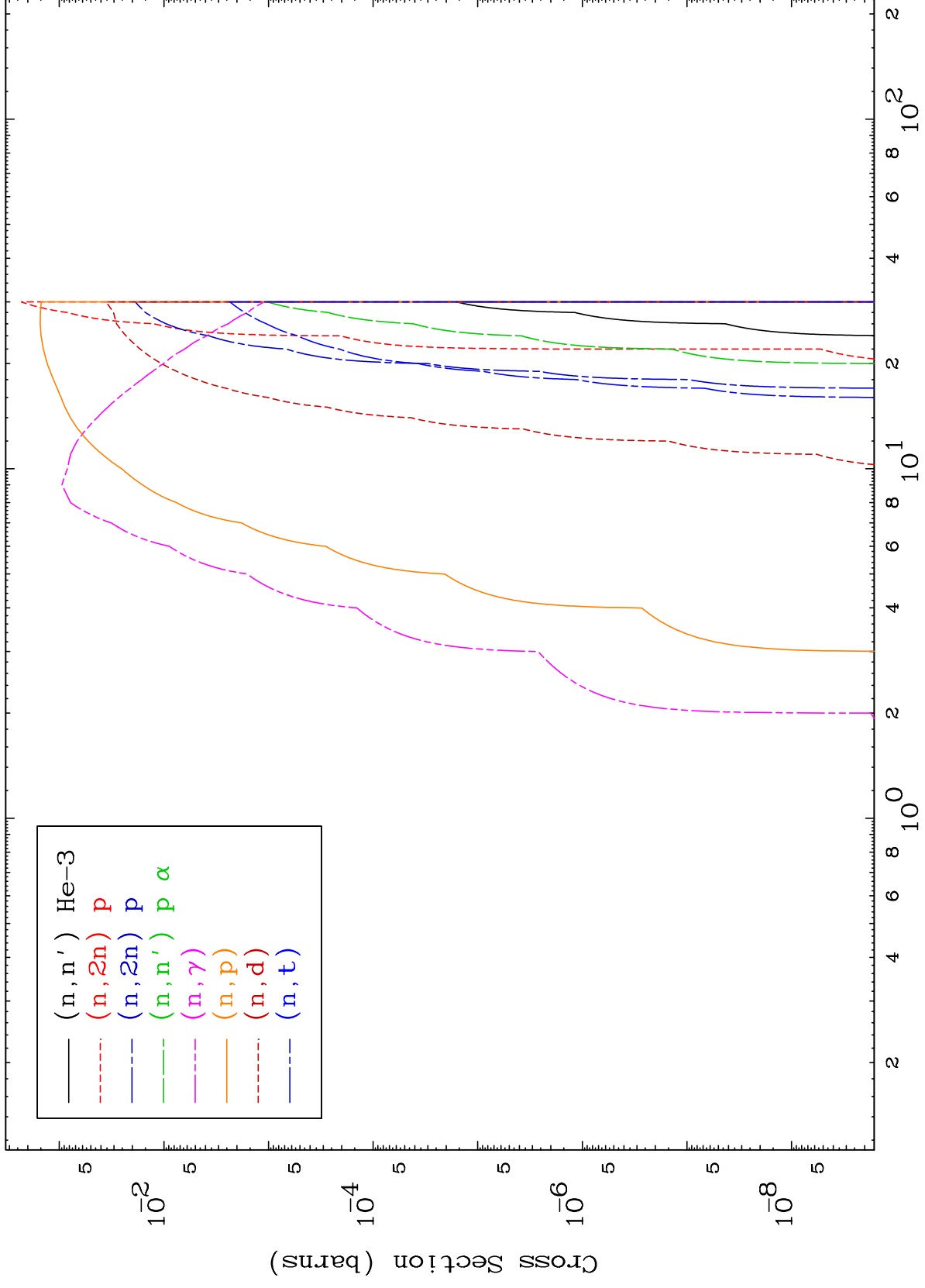
Proton Major

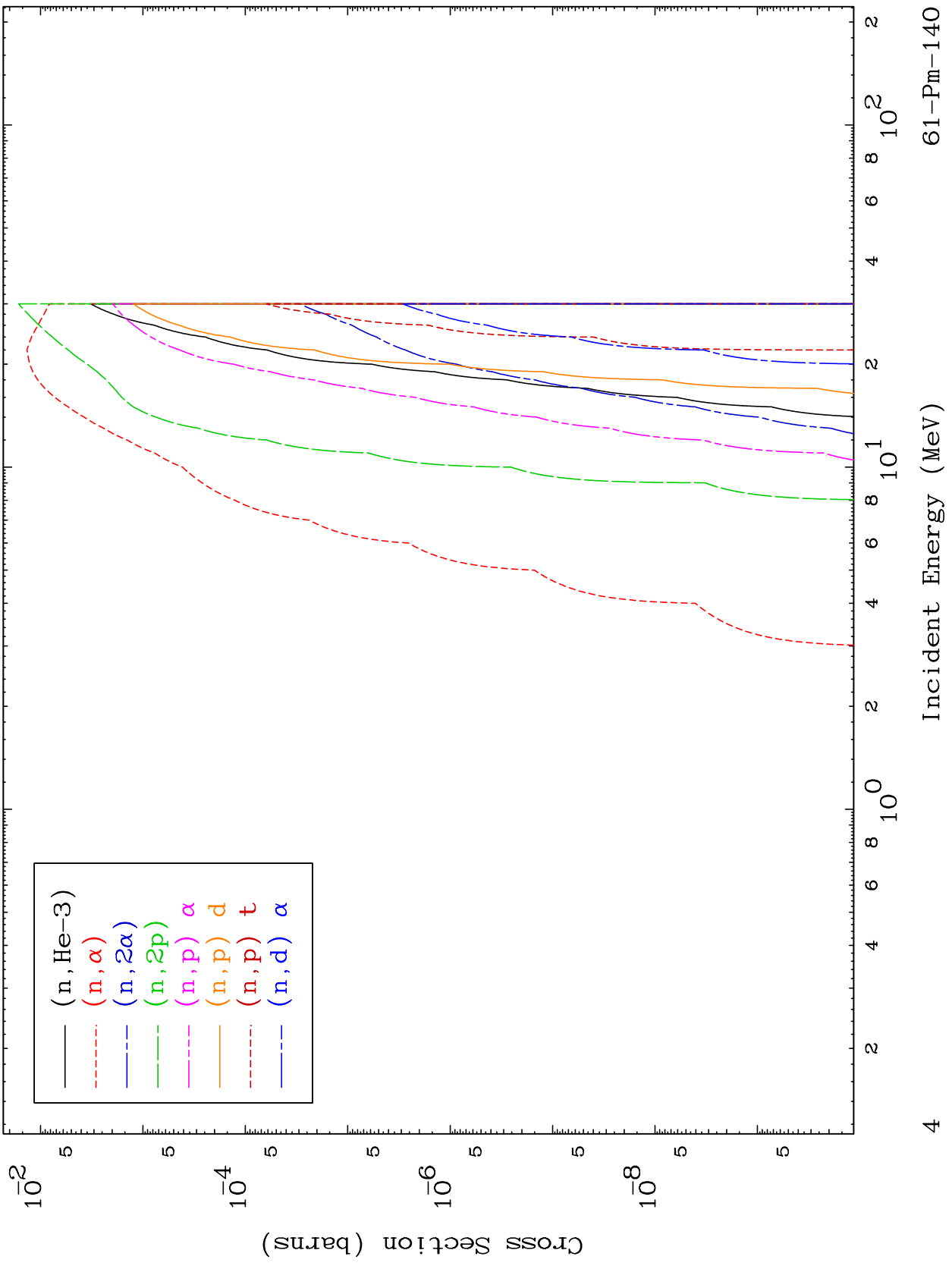
61-Pm-140

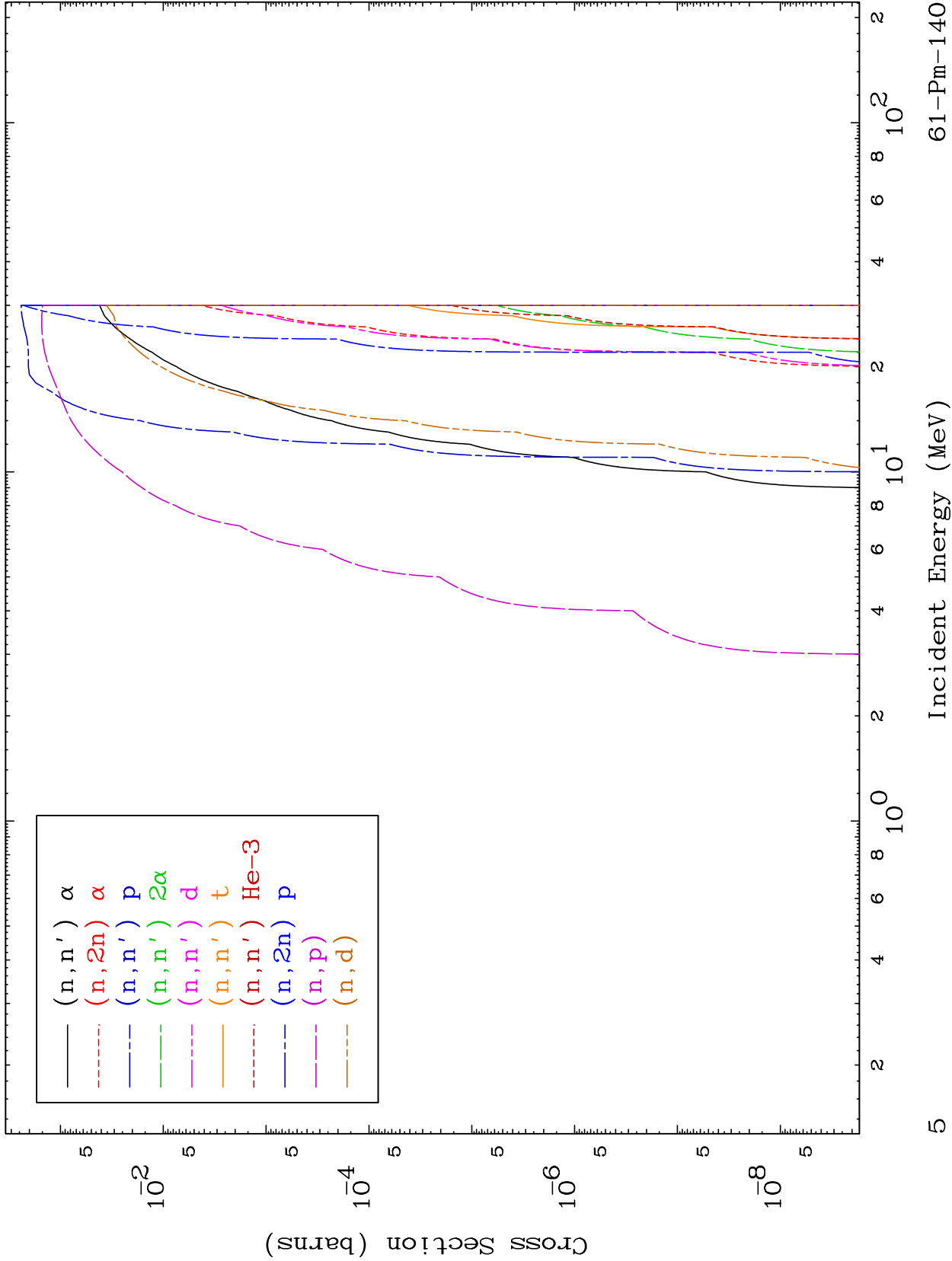
0 Kelvin Cross Sections

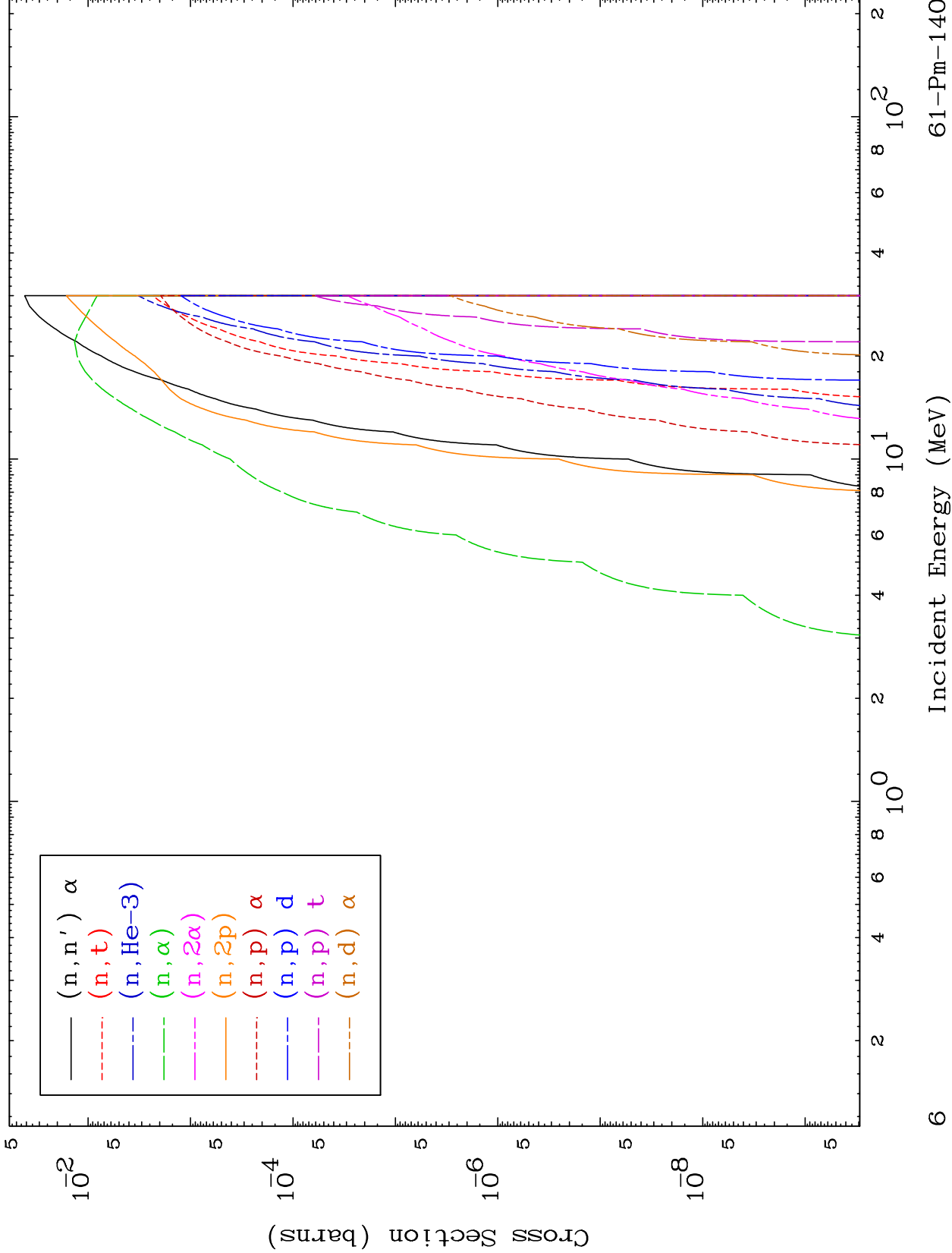








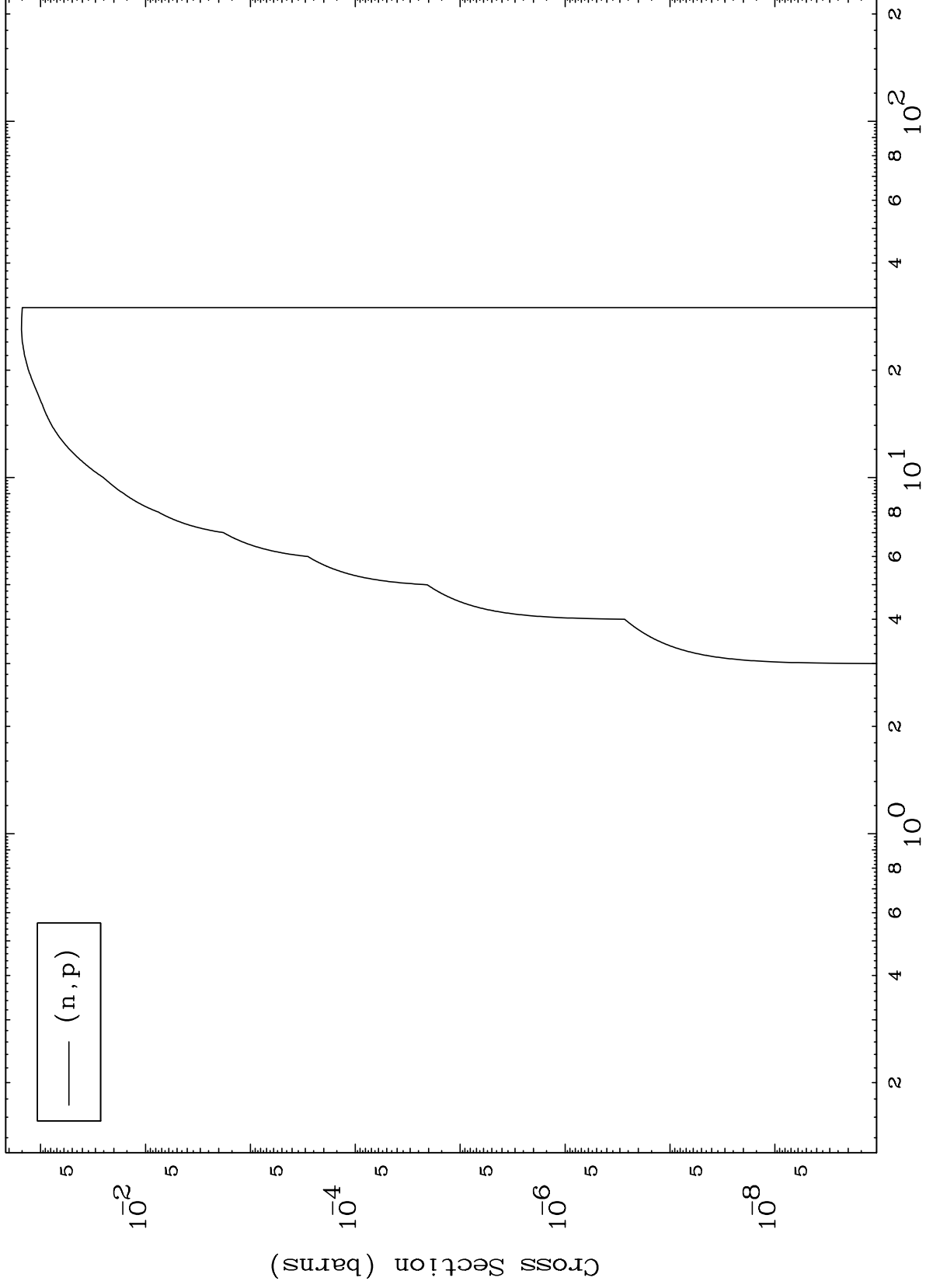




MAT 6128

(p,p) Levels  
0 Kelvin Cross Sections

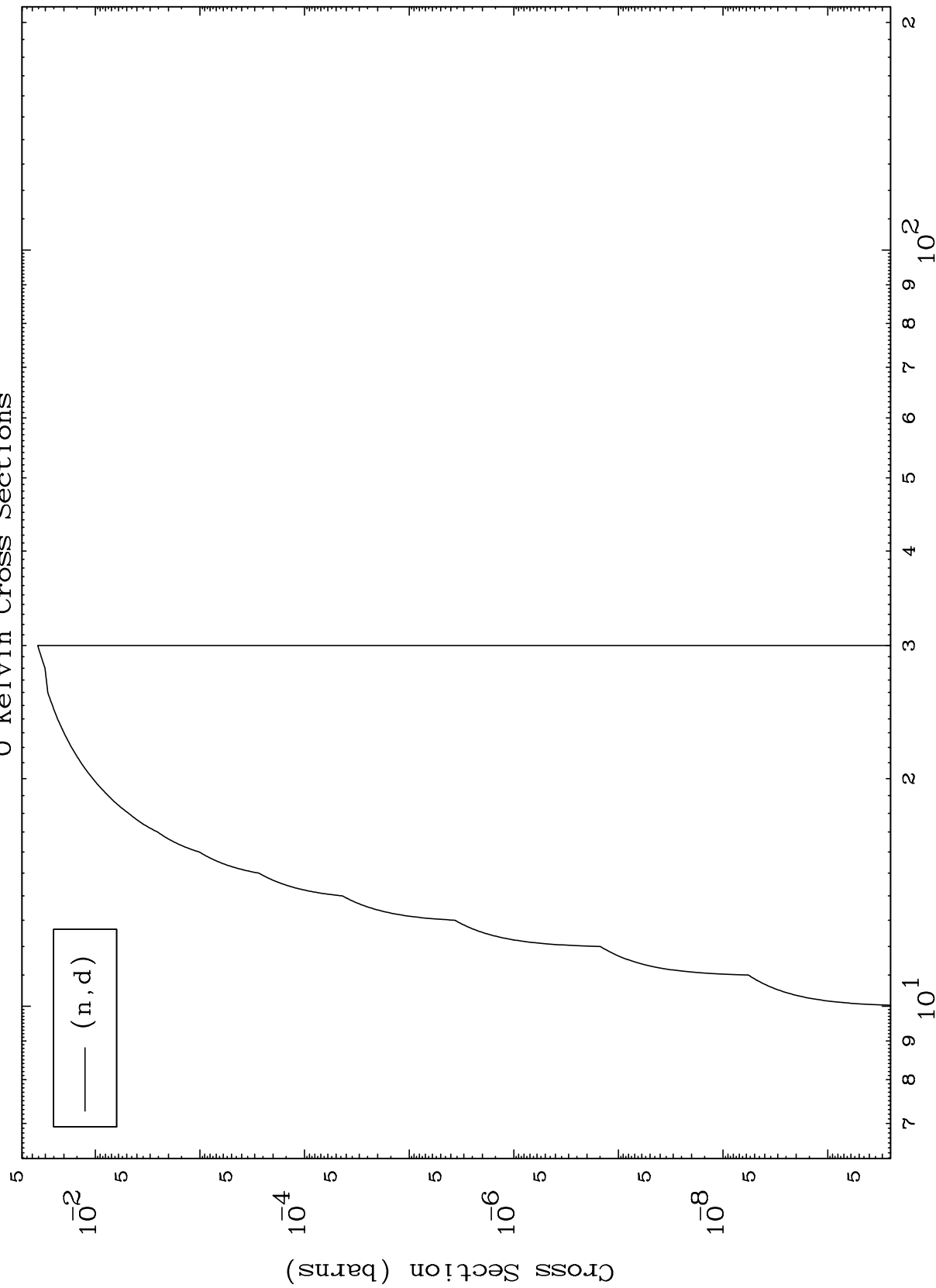
61-Pm-140



MAT 6128

(p,d) Levels  
0 Kelvin Cross Sections

61-Pm-140



8

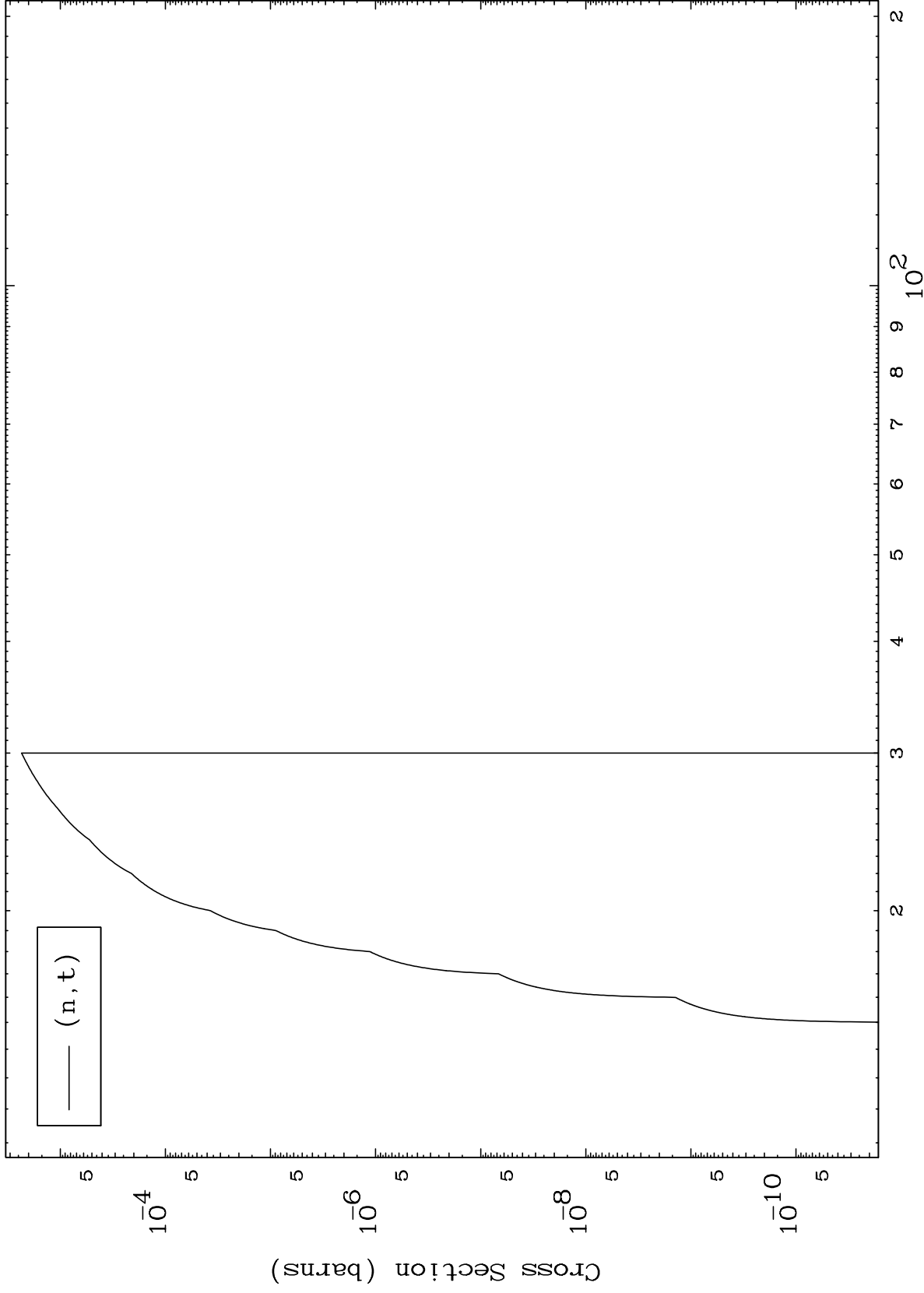
Incident Energy (MeV)

61-Pm-140

MAT 6128

(p, t) Levels  
0 Kelvin Cross Sections

61-Pm-140



9

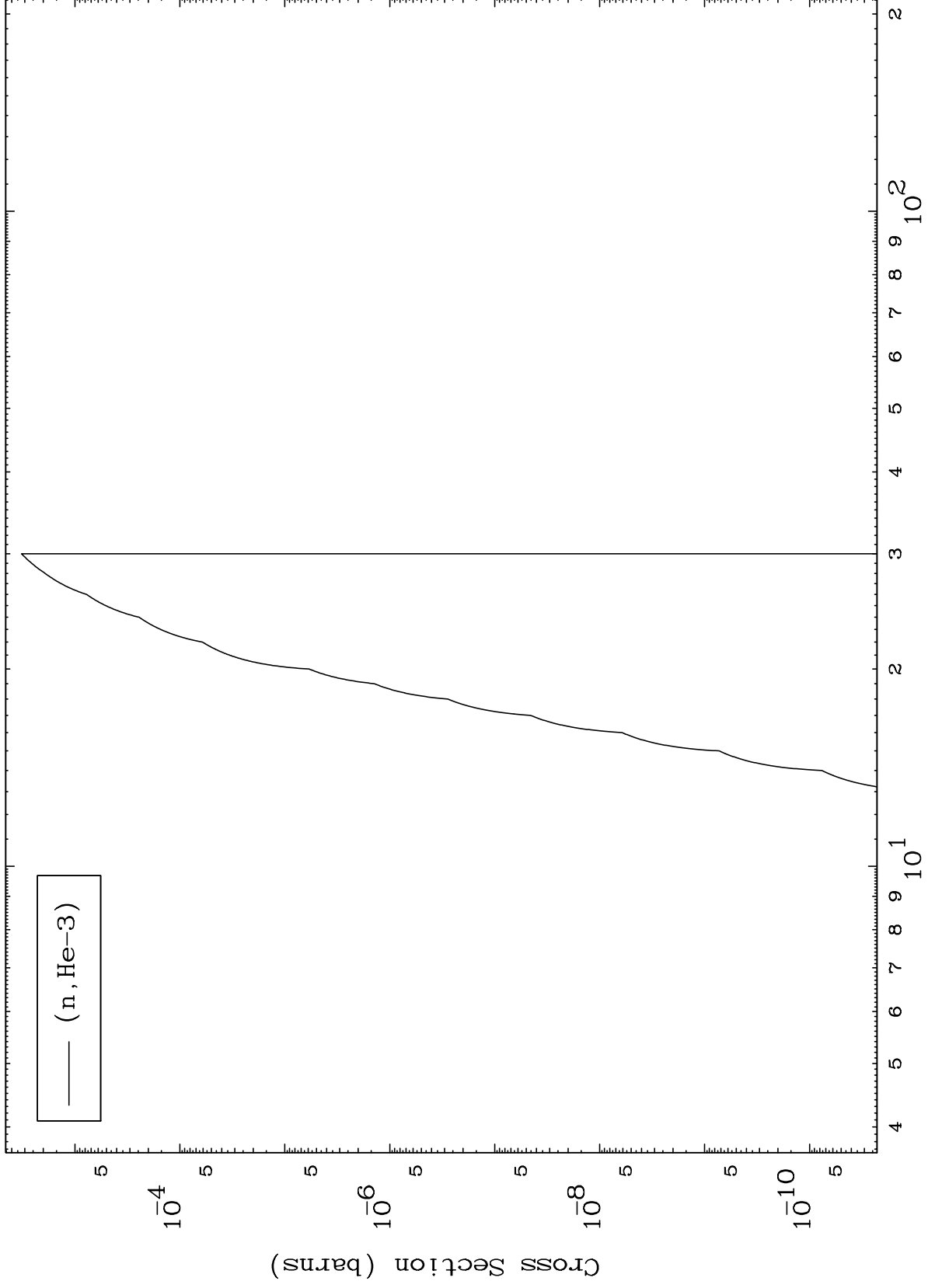
Incident Energy (MeV)

61-Pm-140

MAT 6128

(p,He3) Levels  
0 Kelvin Cross Sections

61-Pm-140



10

Incident Energy (MeV)

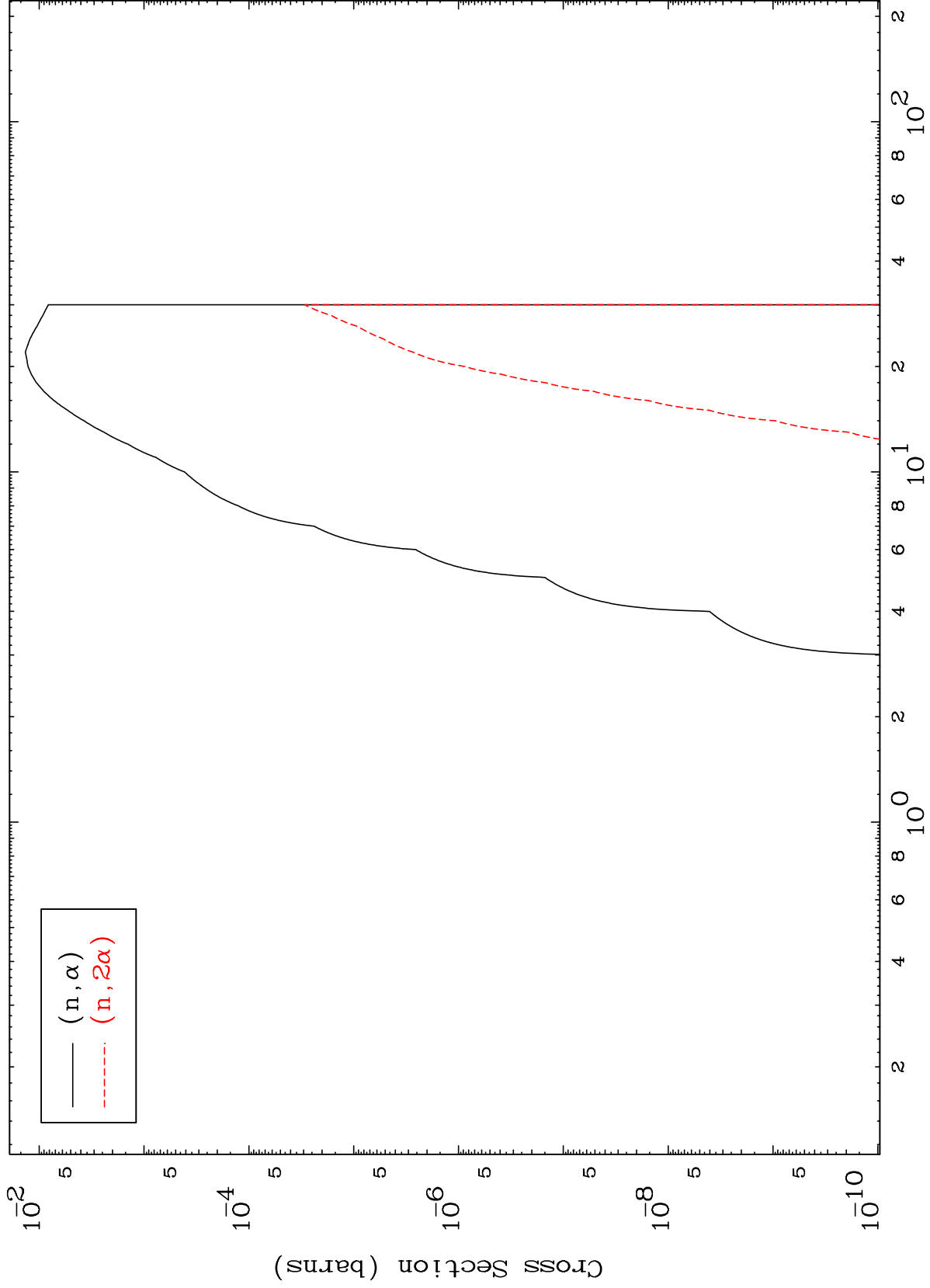
61-Pm-140

MAT 6128

(p,  $\alpha$ ) Levels

61-Pm-140

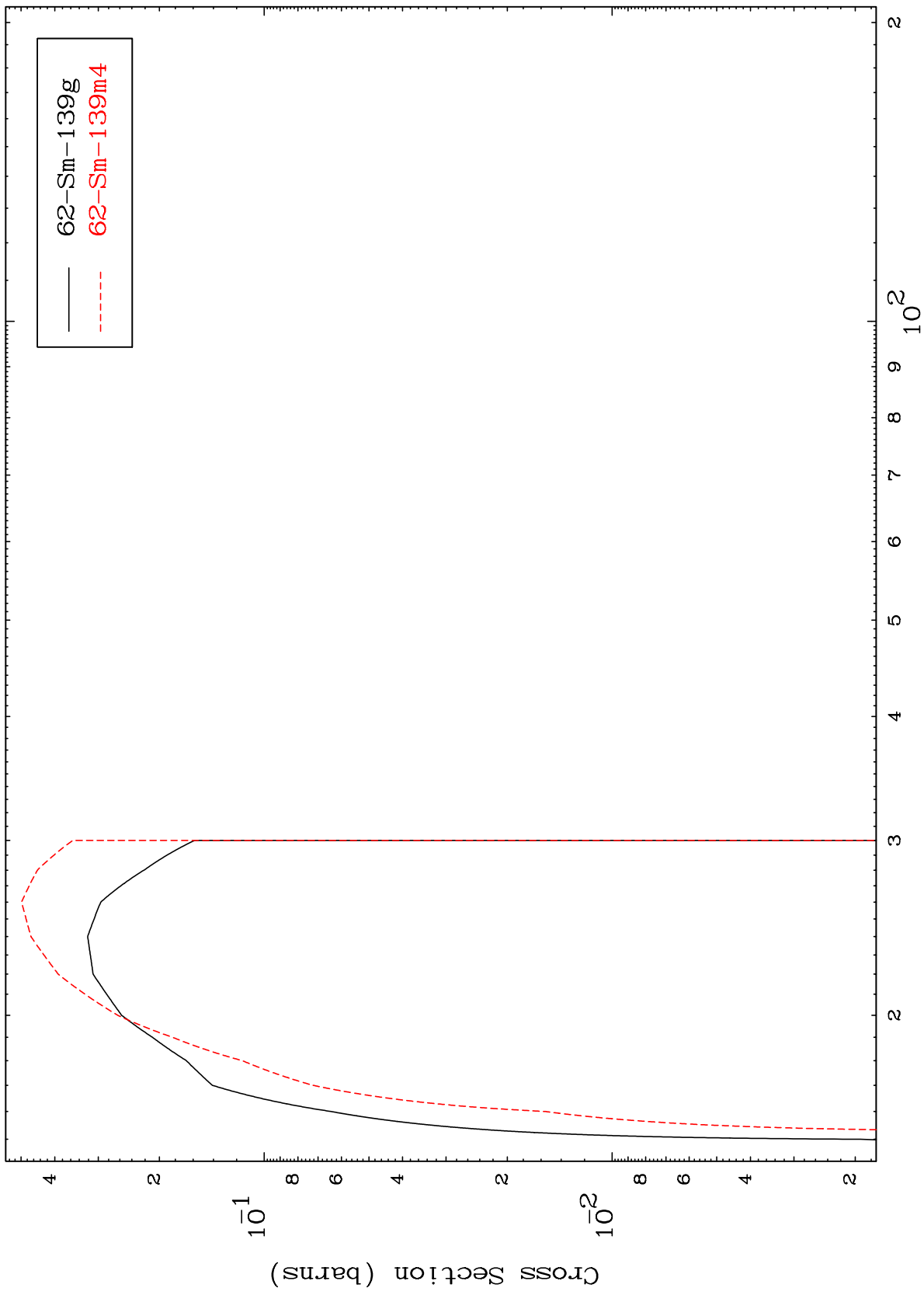
0 Kelvin Cross Sections



MAT 6128

61-Pm-140

(n,2n)  
Radionuclide Production Cross Section



12

Incident Energy (MeV)

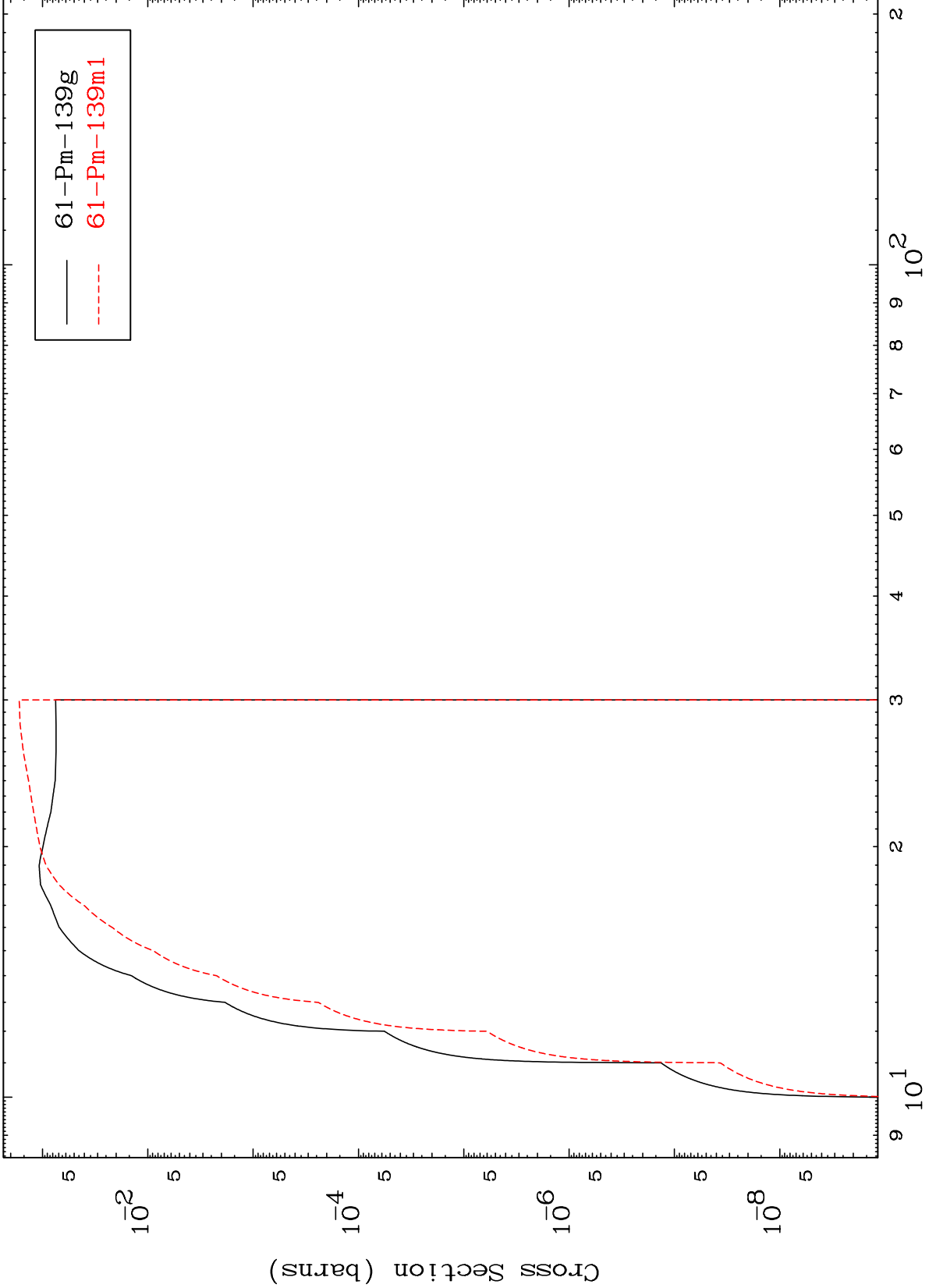
61-Pm-140

MAT 6128

(n,n') p

61-Pm-140

Radionuclide Production Cross Section



13

Incident Energy (MeV)

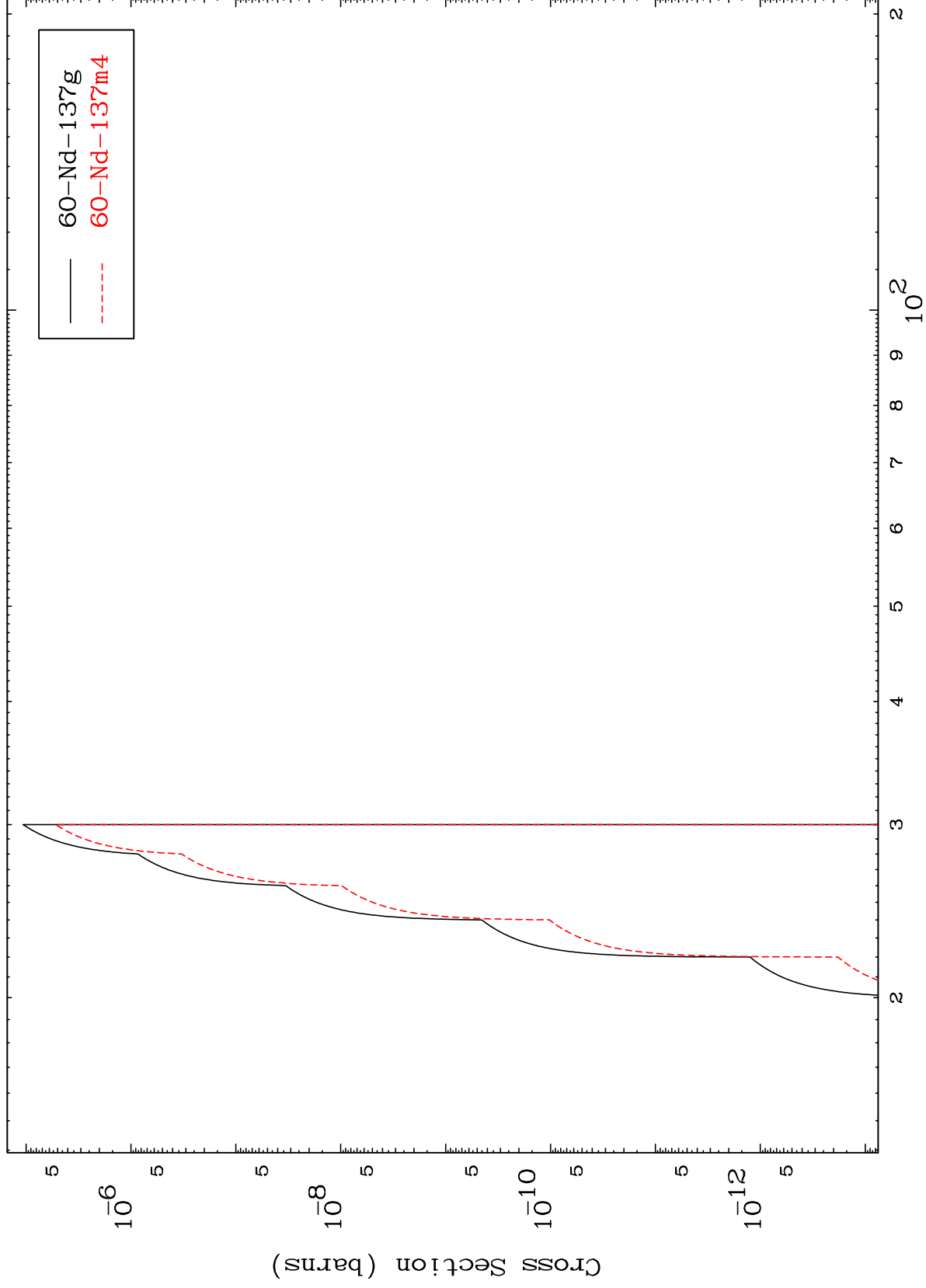
61-Pm-140

MAT 6128

(n,n') He-3

61-Pm-140

Radionuclide Production Cross Section



14

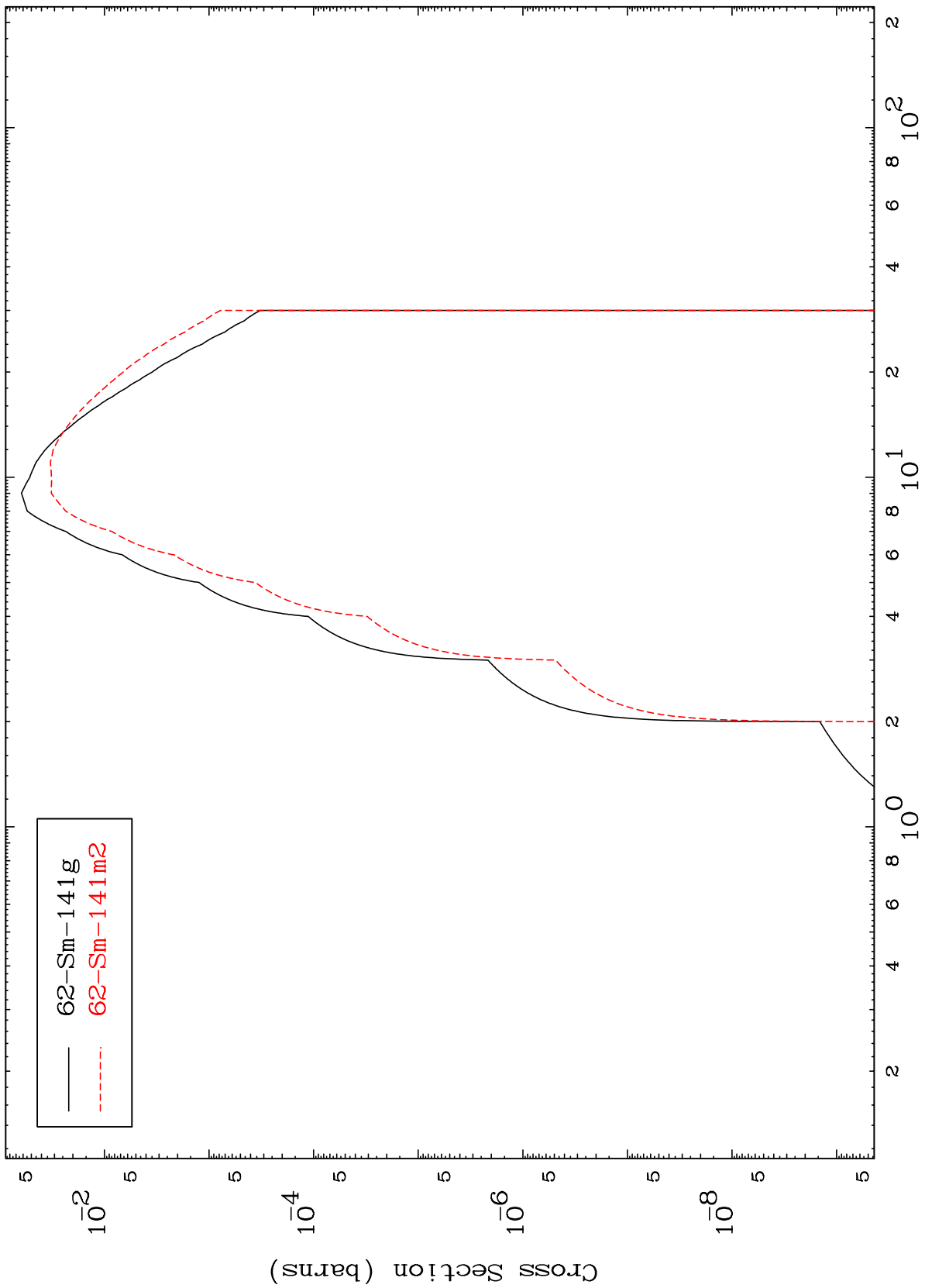
Incident Energy (MeV)

61-Pm-140

MAT 6128

61-Pm-140

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



— 62-Sm-141g  
- - - 62-Sm-141m2

61-Pm-140

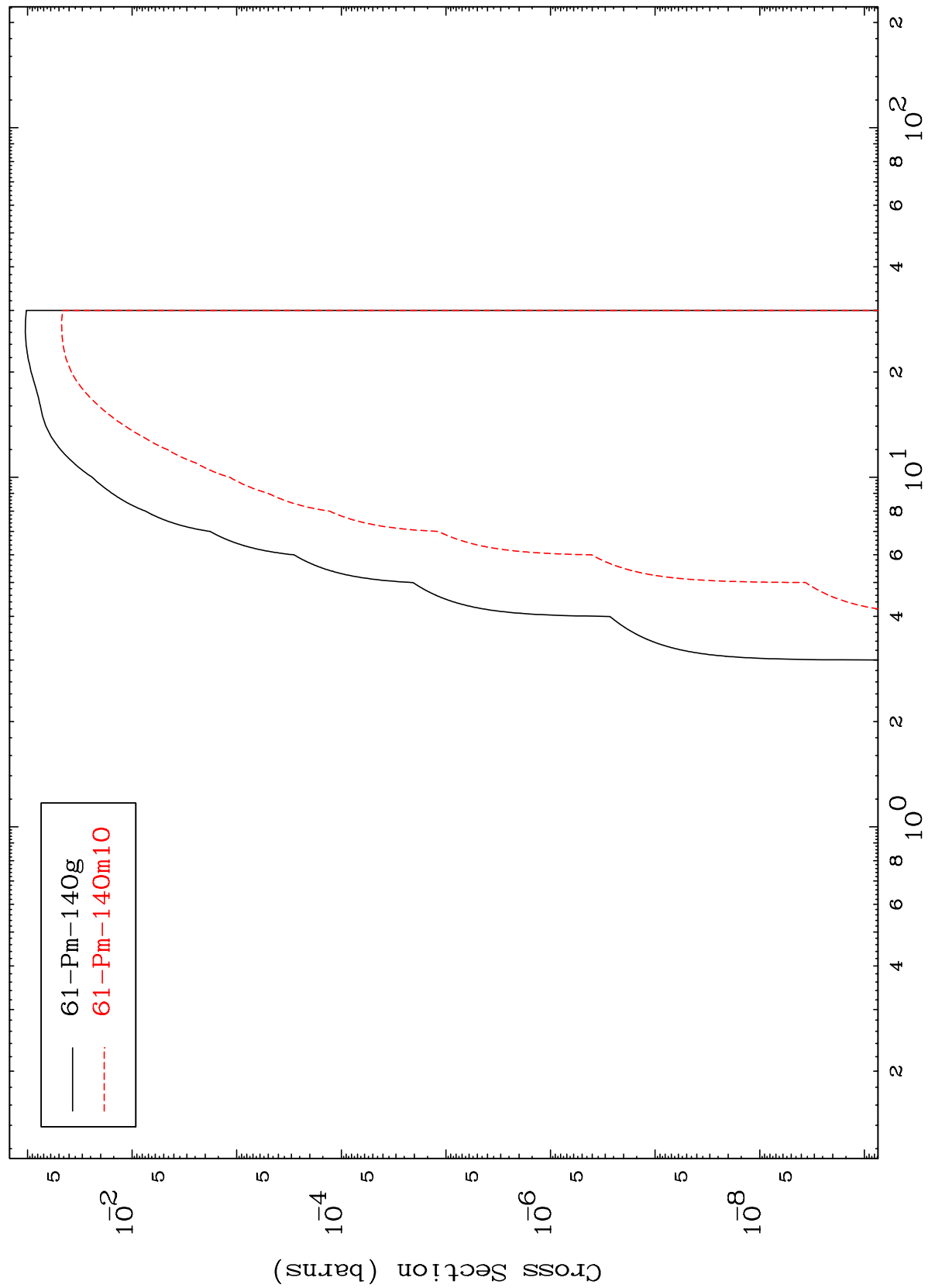
Incident Energy (MeV)

15

MAT 6128

61-Pm-140

(n,p)  
Radionuclide Production Cross Section



16

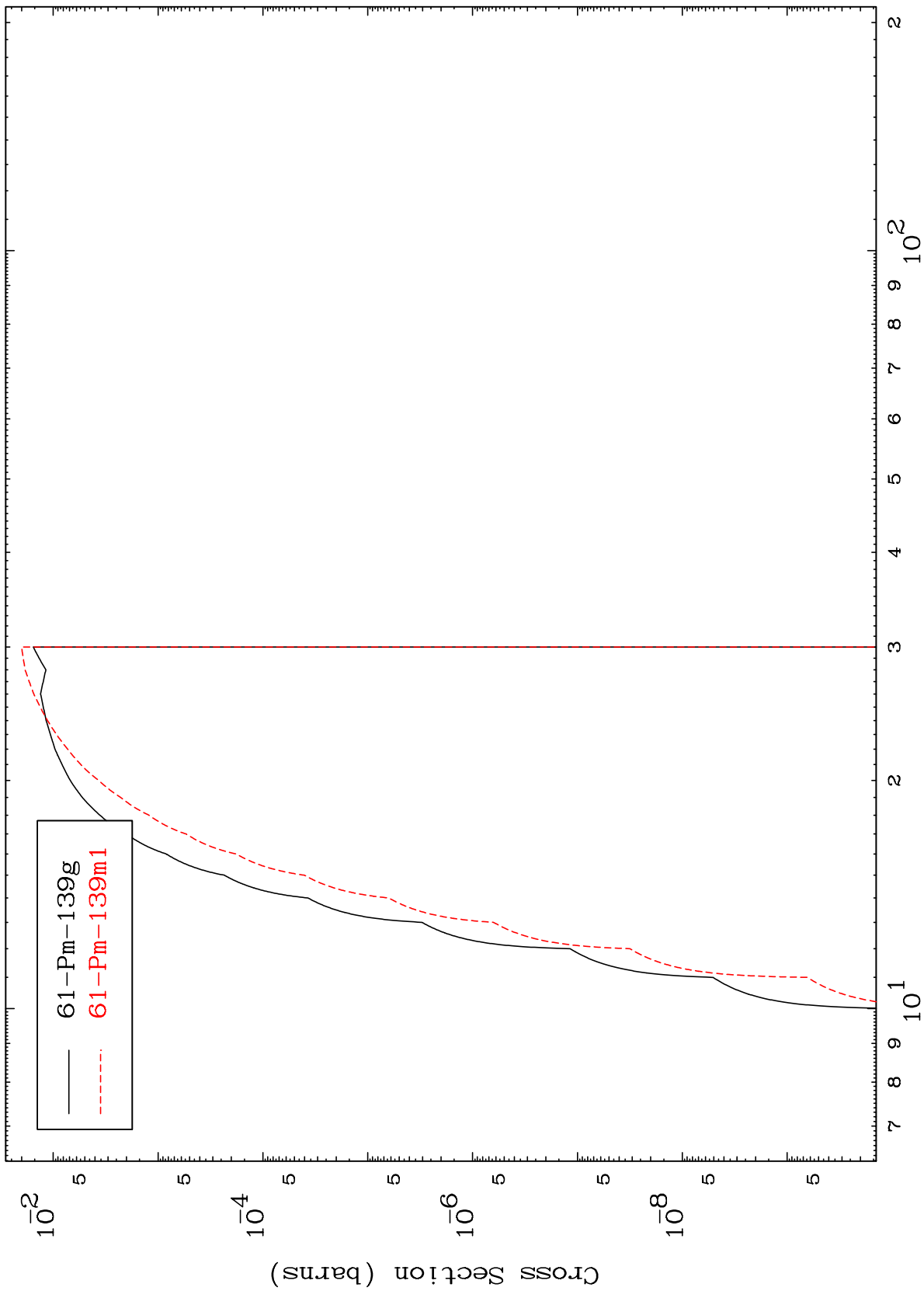
61-Pm-140

Incident Energy (MeV)

MAT 6128

61-Pm-140

(n,d)  
Radionuclide Production Cross Section



17

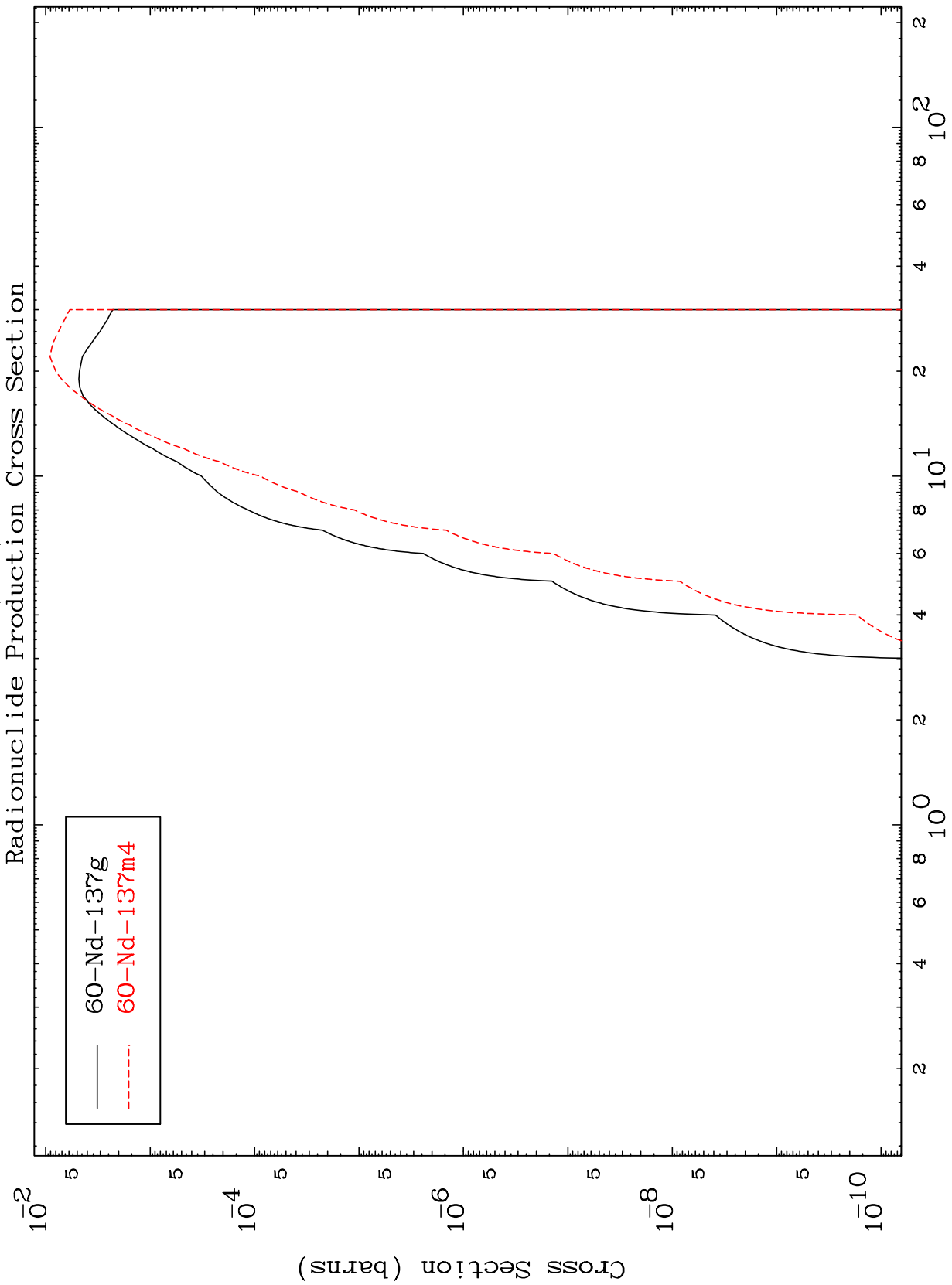
Incident Energy (MeV)

61-Pm-140

MAT 6128

61-Pm-140

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

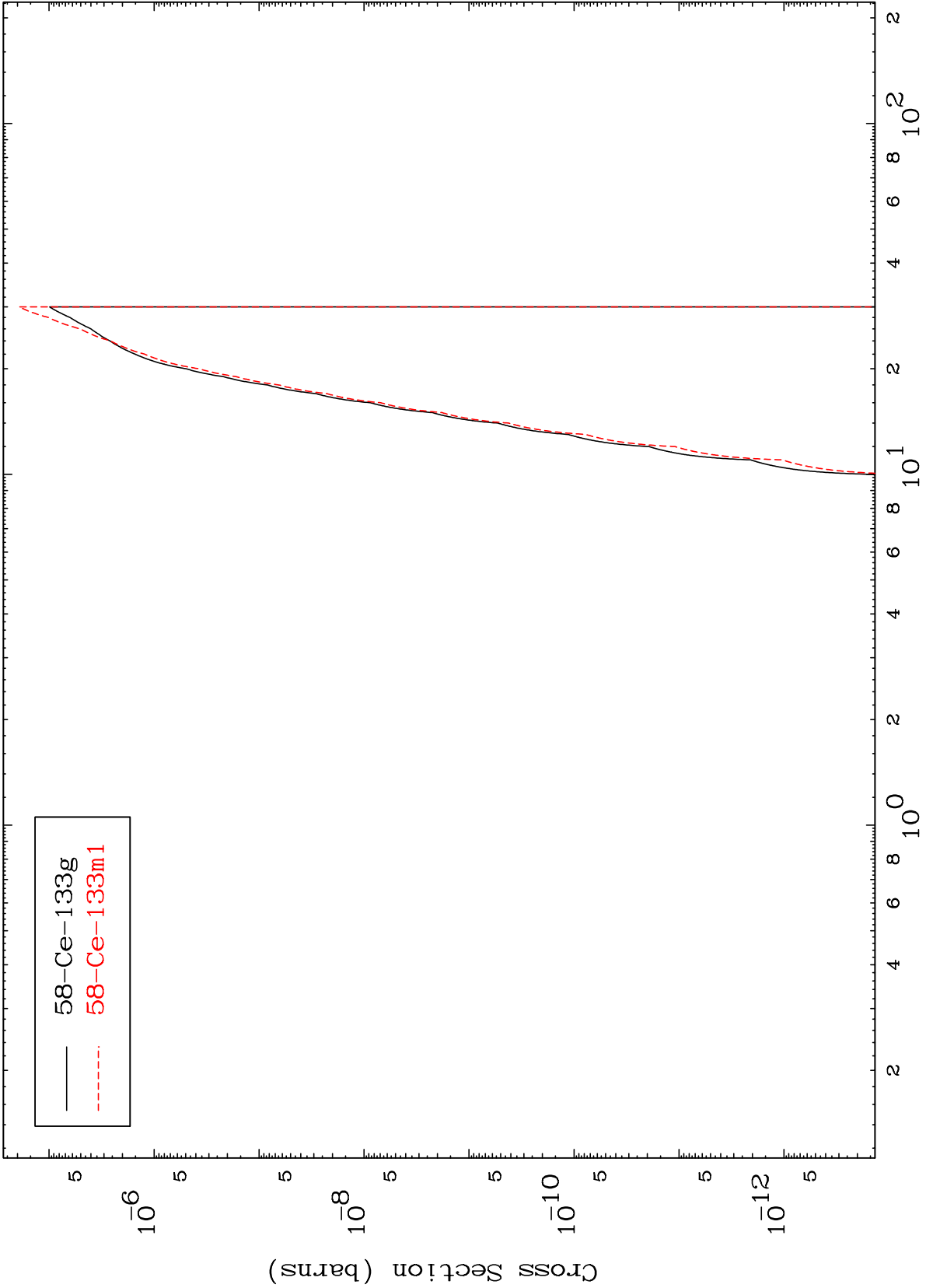


MAT 6128

(n,2α)

61-Pm-140

Radionuclide Production Cross Section

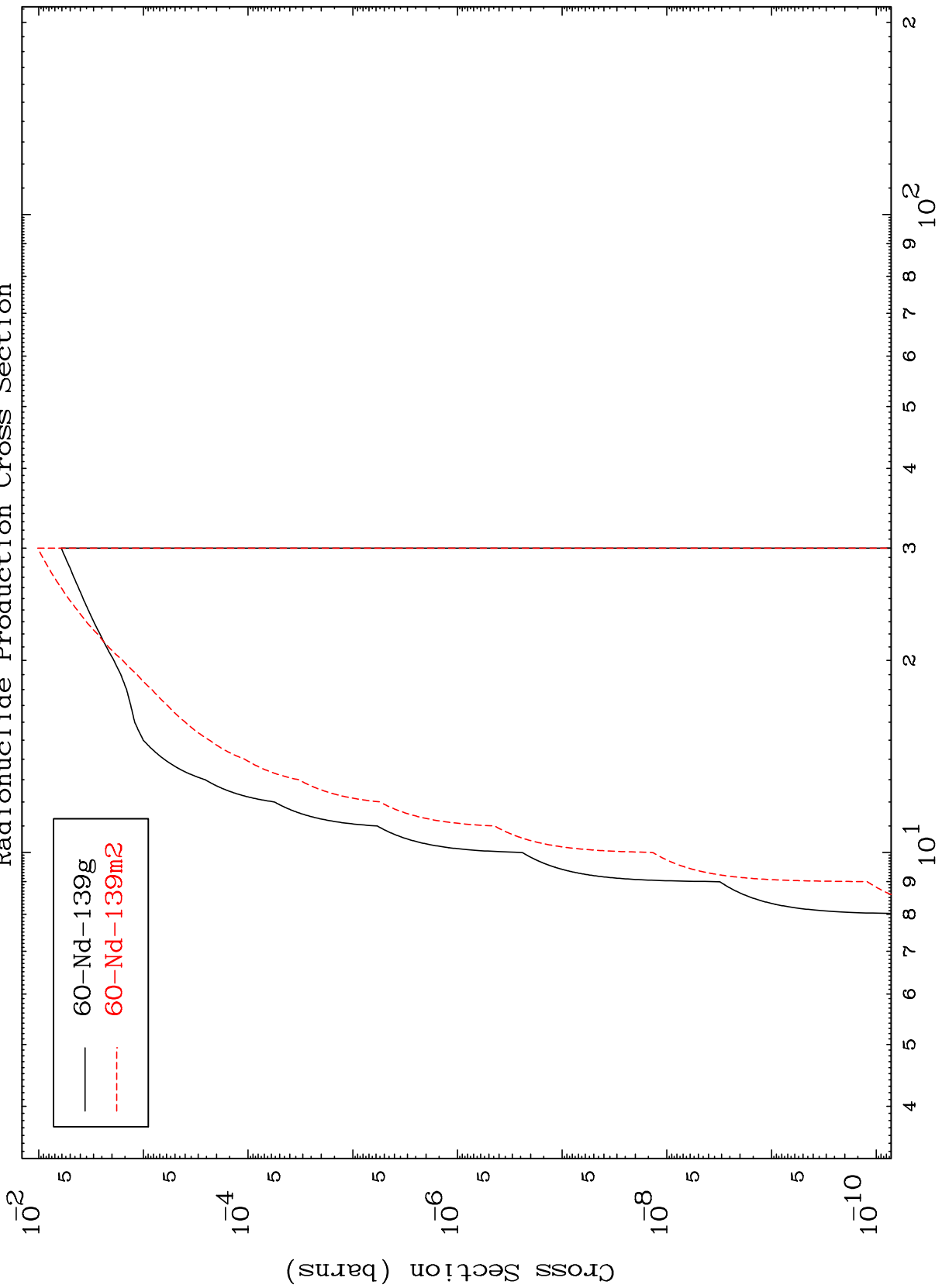


58-Ce-133g  
58-Ce-133m1

MAT 6128

61-Pm-140

Radionuclide Production Cross Section  
(n,2p)



61-Pm-140

Incident Energy (MeV)

20

MAT 6128

(n,p) t

61-Pm-140

