

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

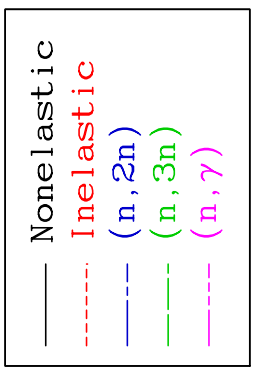
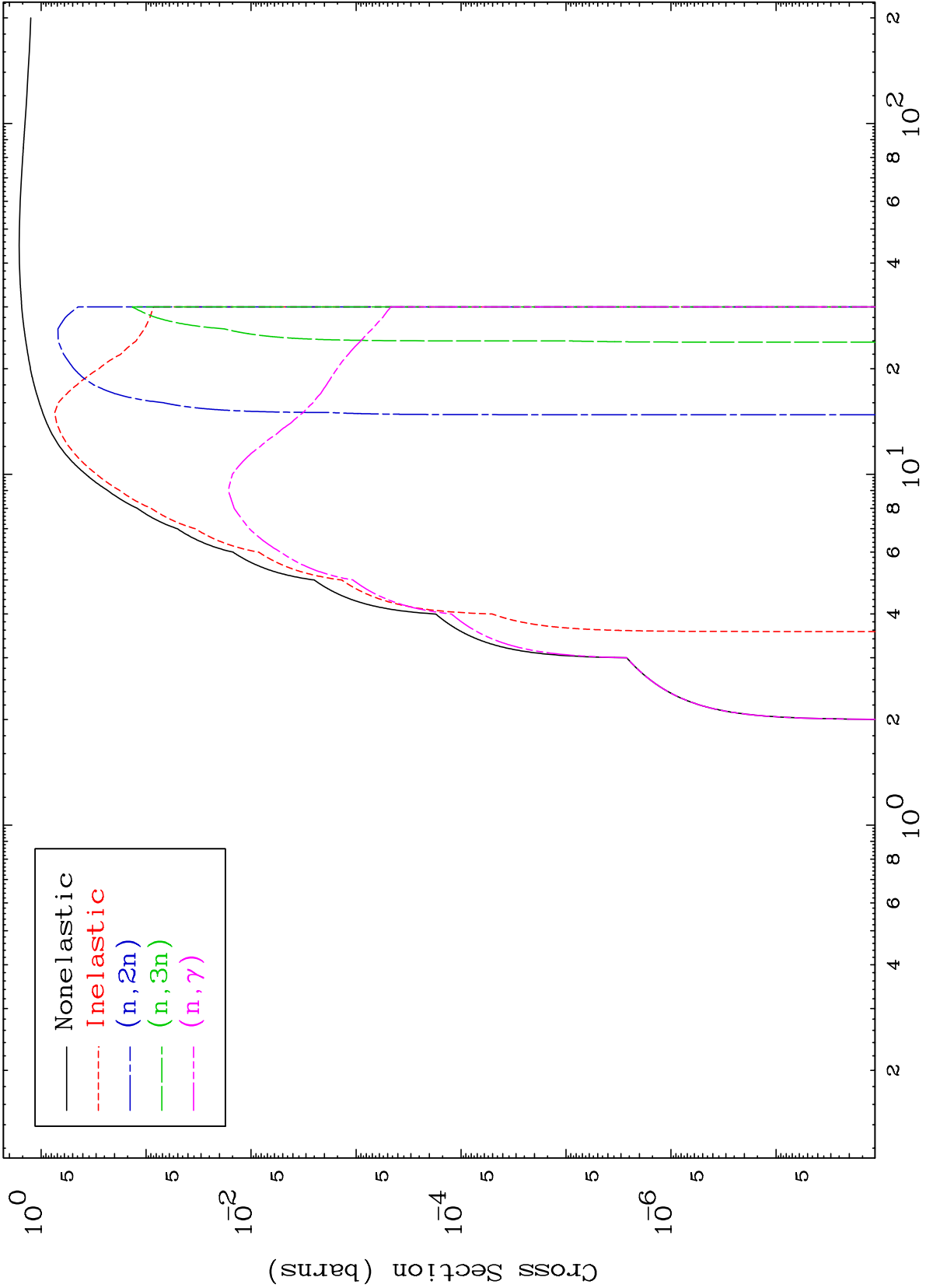
Press Mouse Button to Start

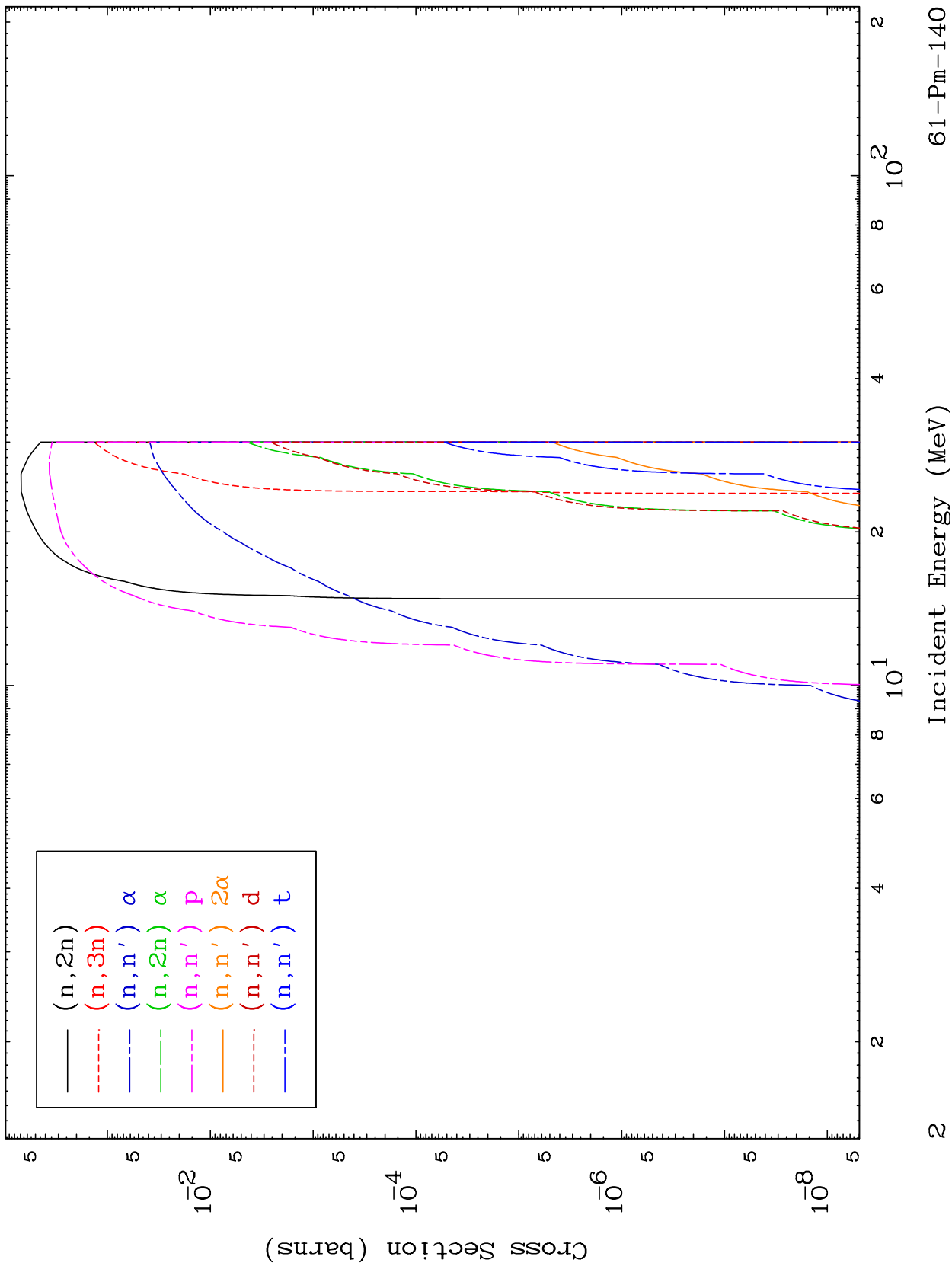
MAT 6128

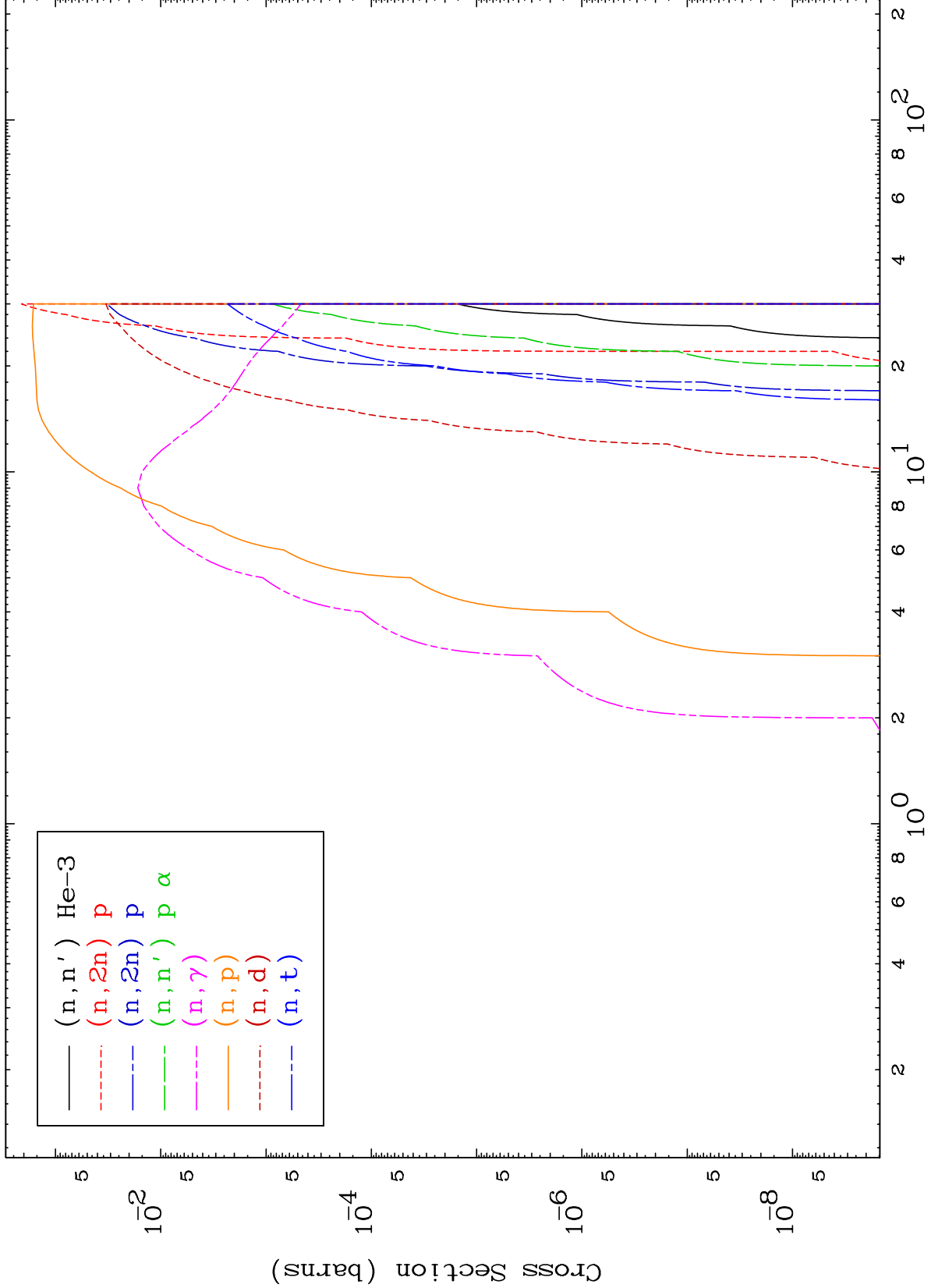
Proton Major

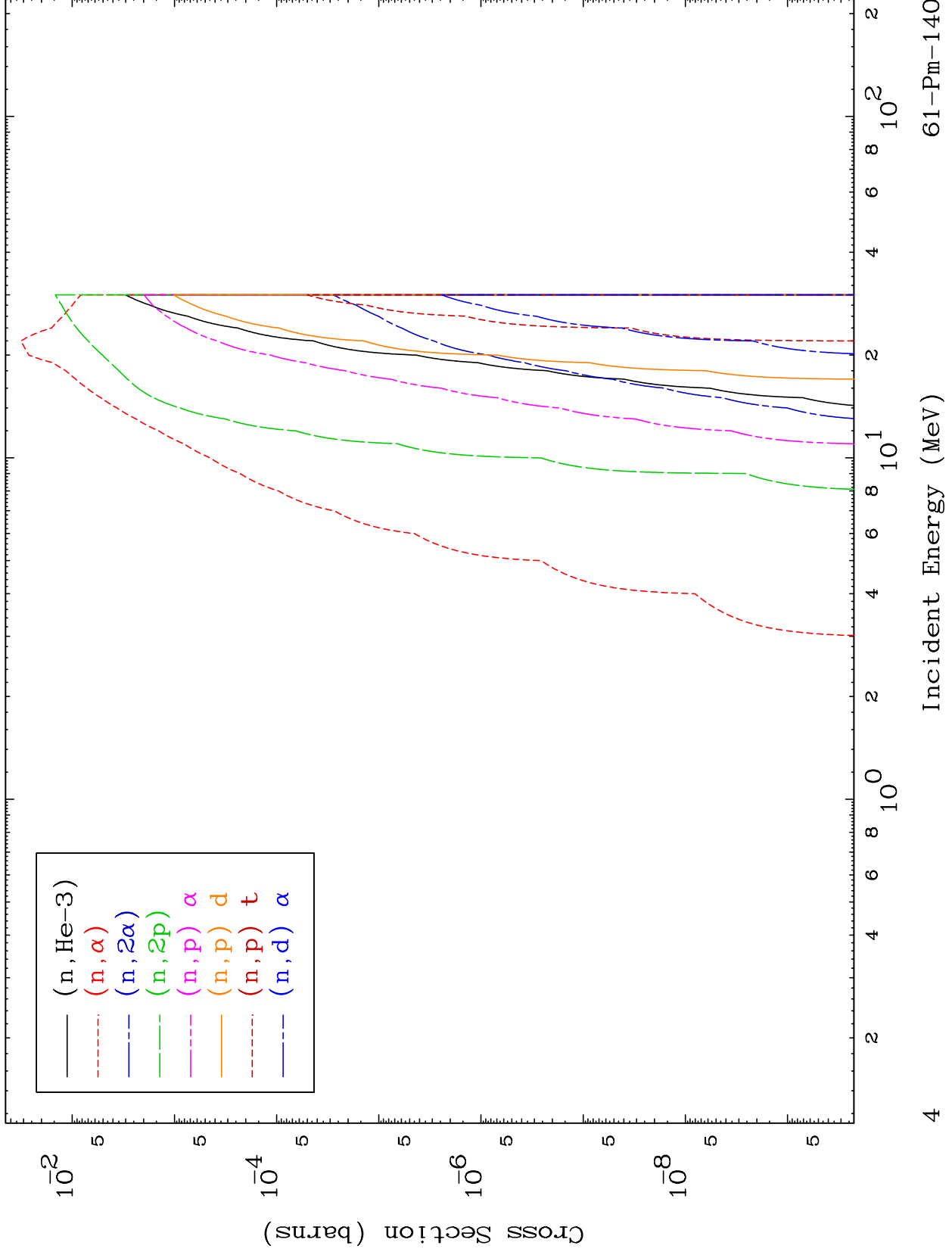
61-Pm-140

0 Kelvin Cross Sections







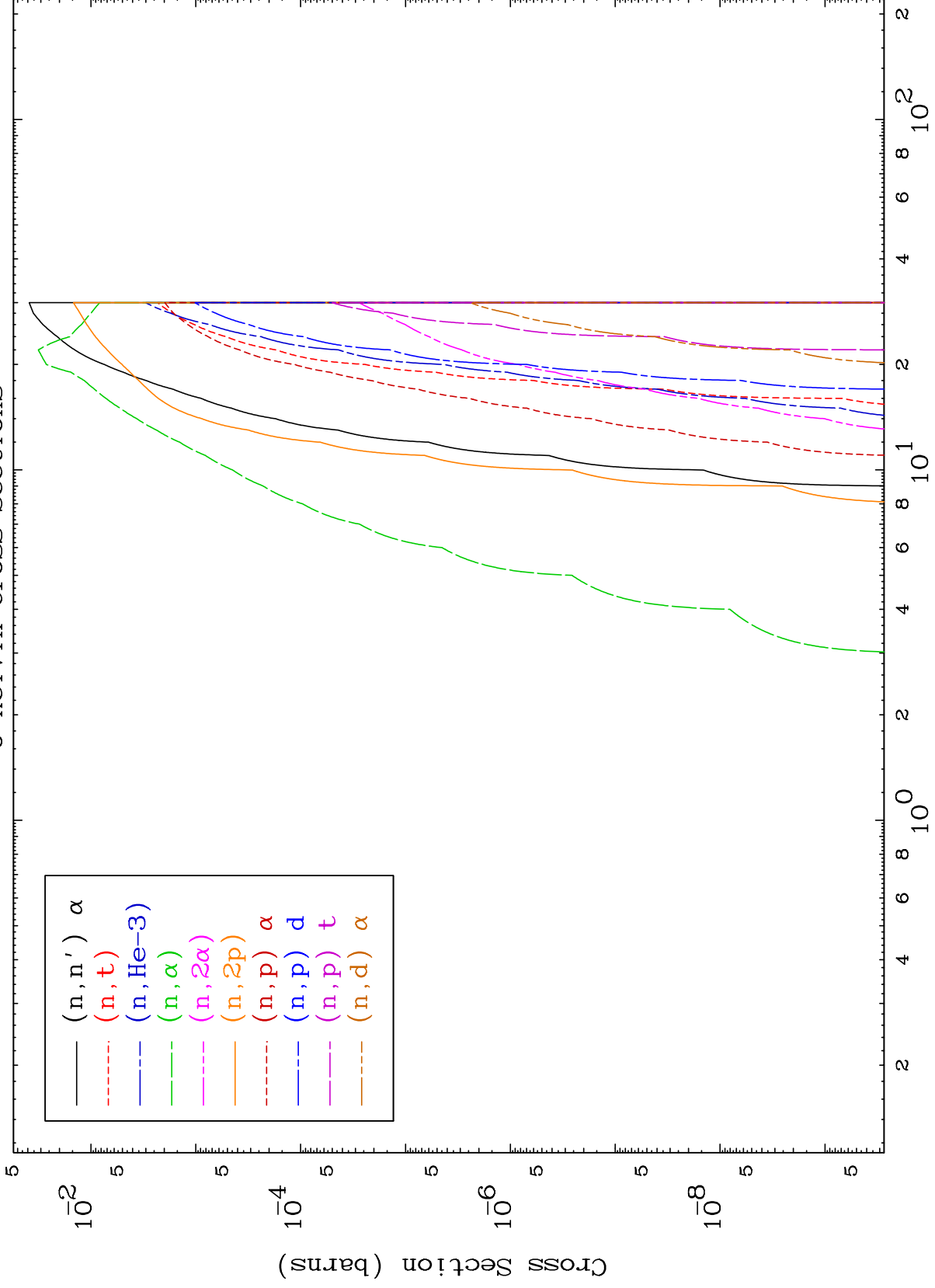




MAT 6128

Proton Charged Particle
0 Kelvin Cross Sections

61-Pm-140

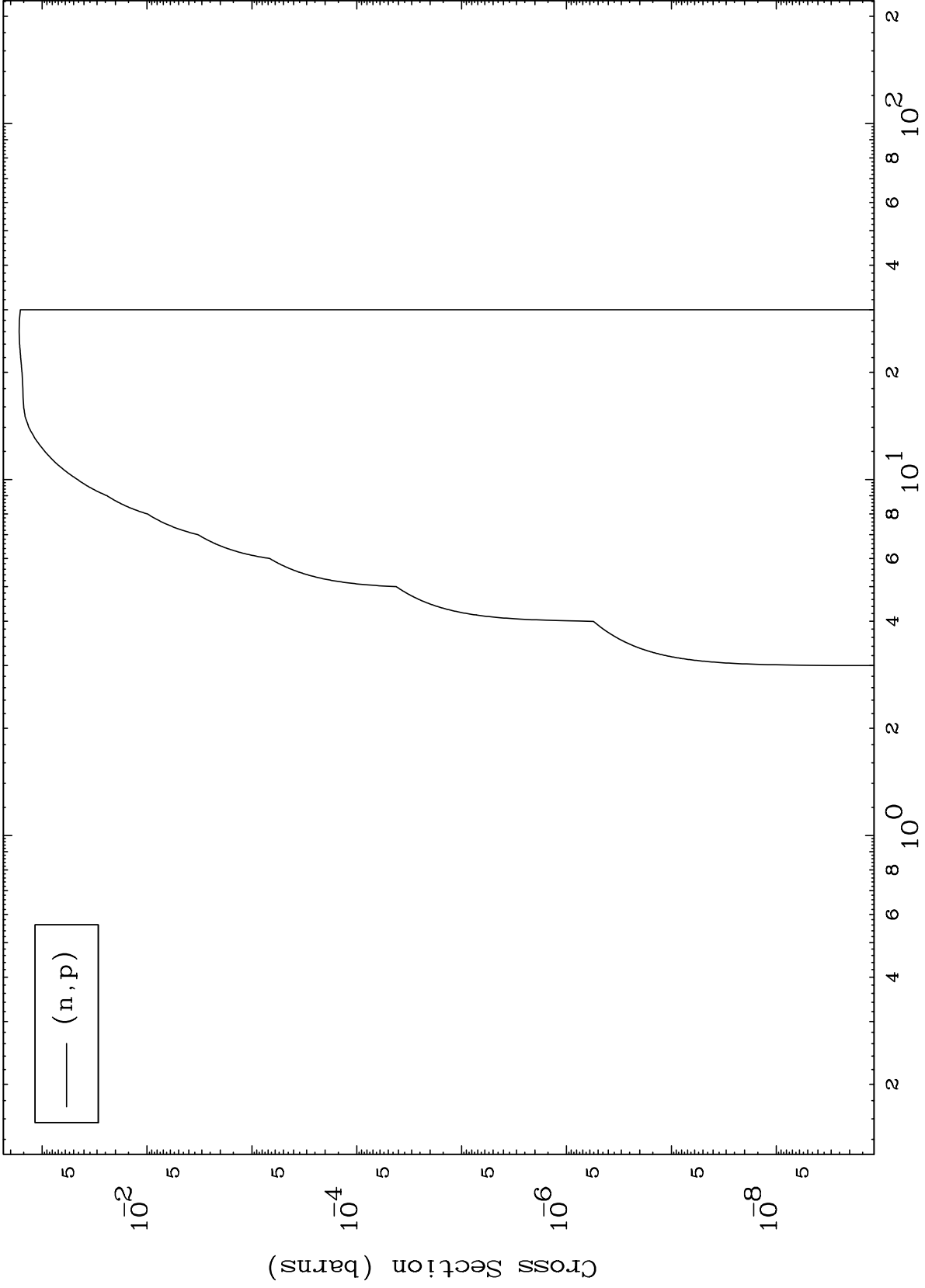


MAT 6128

(p,p) Levels

61-Pm-140

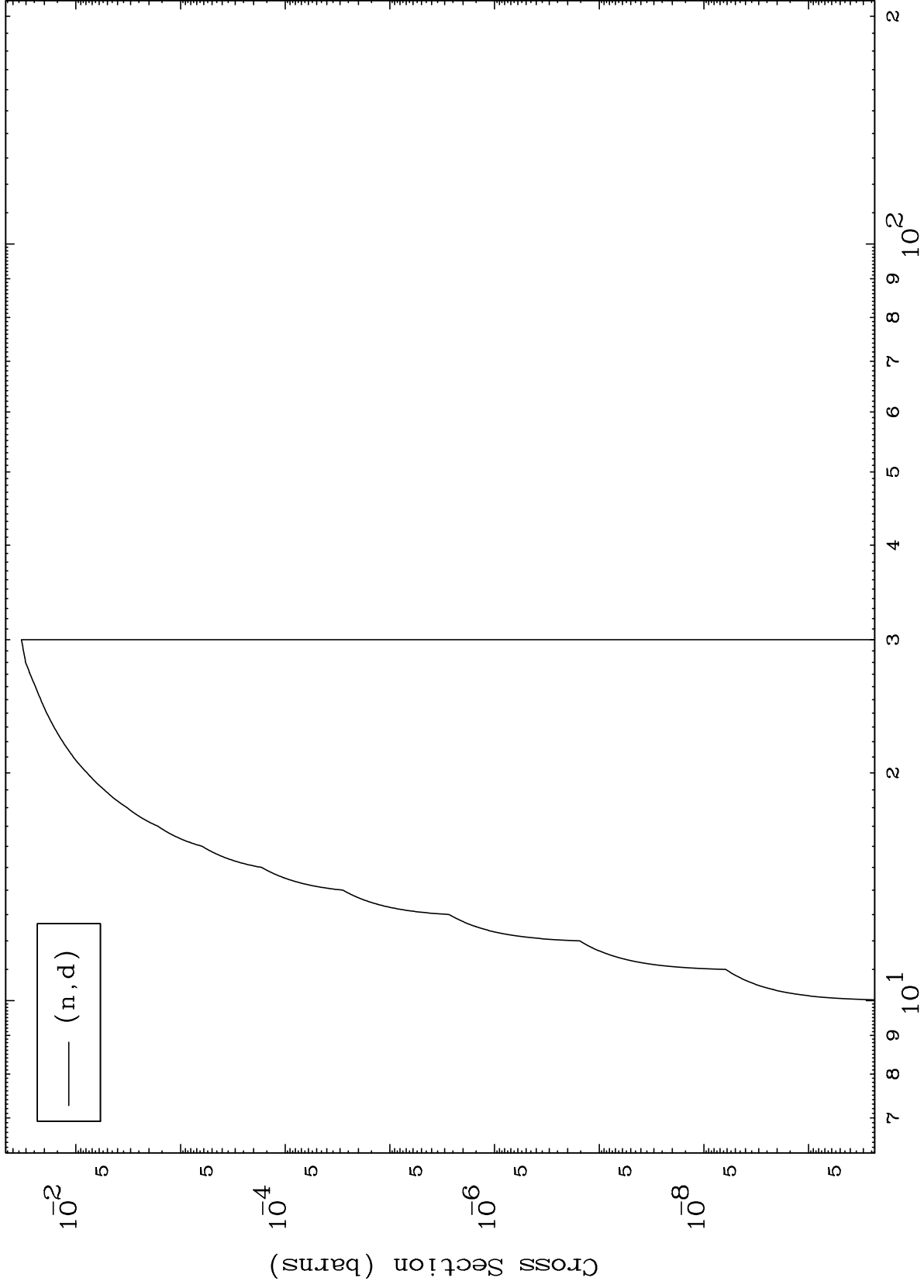
0 Kelvin Cross Sections



MAT 6128

(p,d) Levels
0 Kelvin Cross Sections

61-Pm-140



8

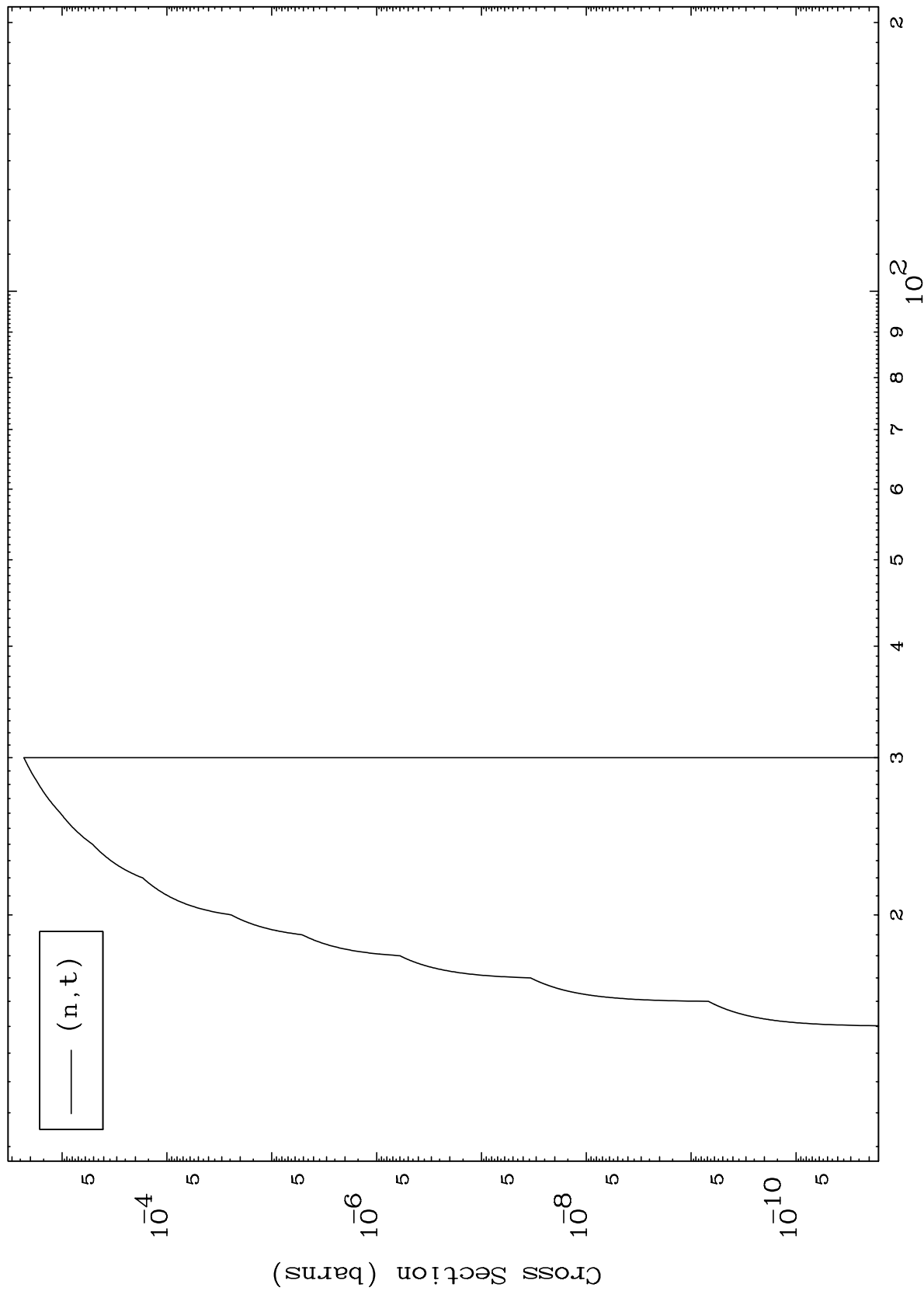
Incident Energy (MeV)

61-Pm-140

MAT 6128

61-Pm-140

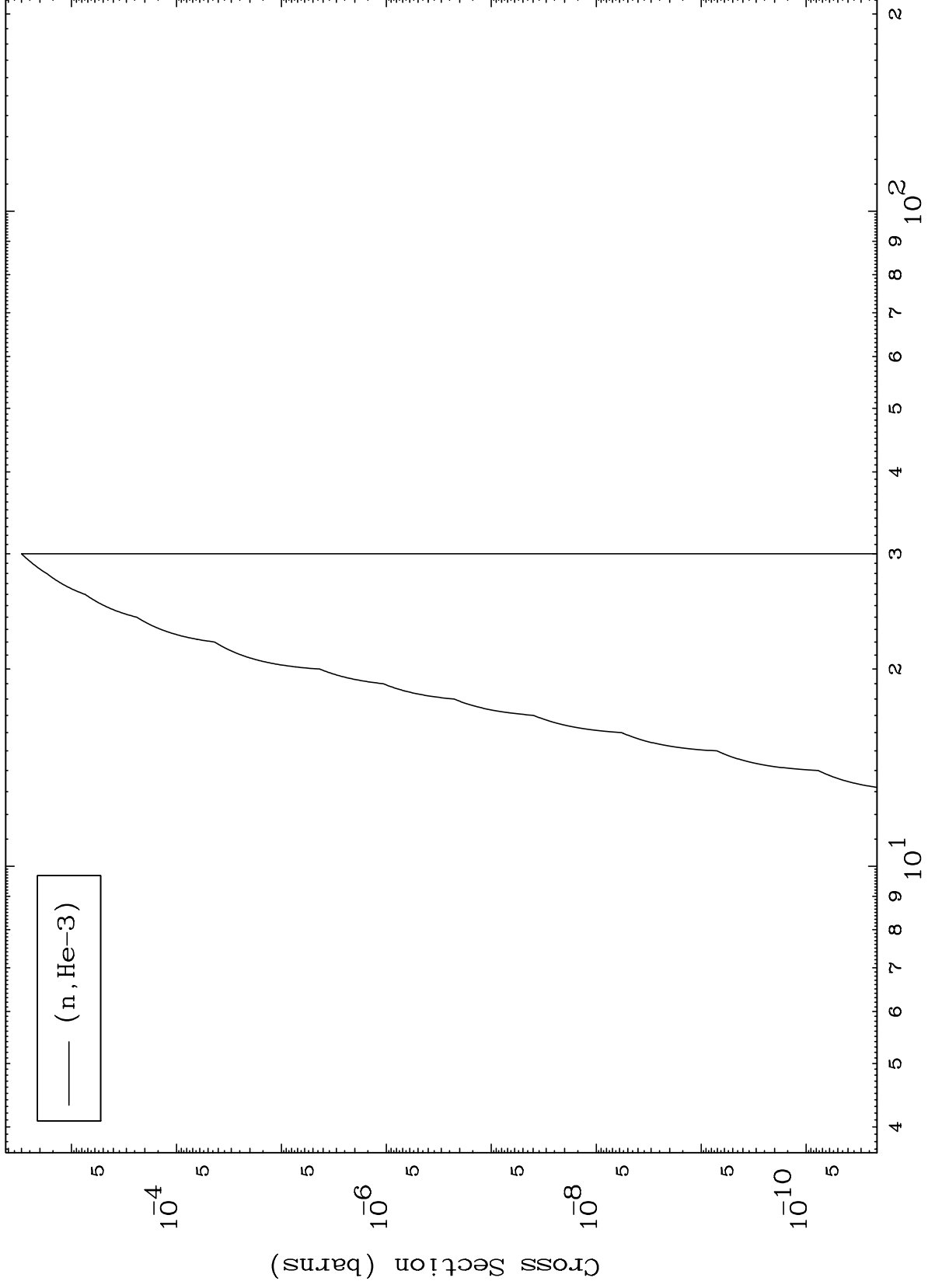
(p,t) Levels
0 Kelvin Cross Sections



MAT 6128

(p,He3) Levels
0 Kelvin Cross Sections

61-Pm-140



10

Incident Energy (MeV)

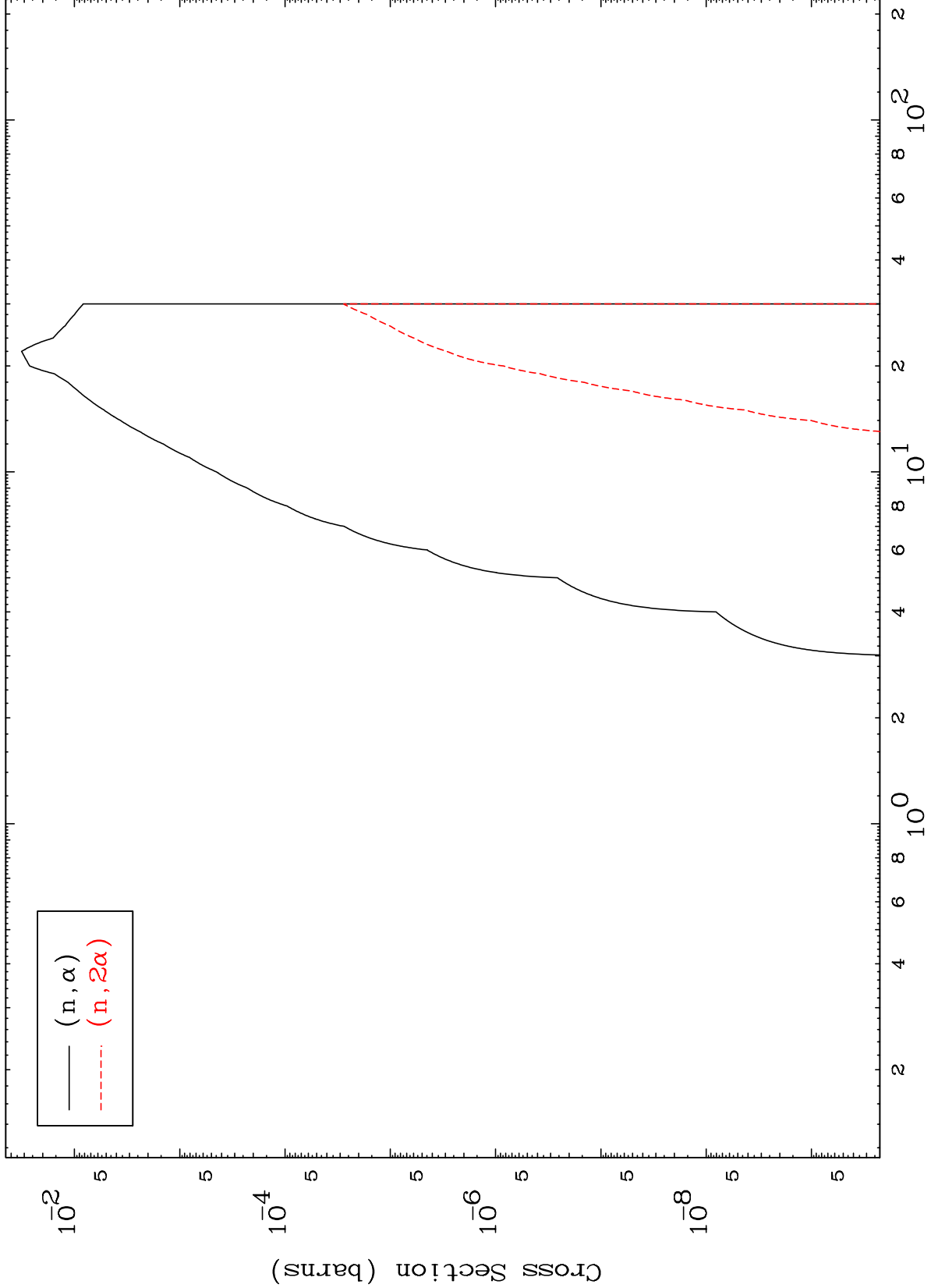
61-Pm-140

MAT 6128

(p, α) Levels

61-Pm-140

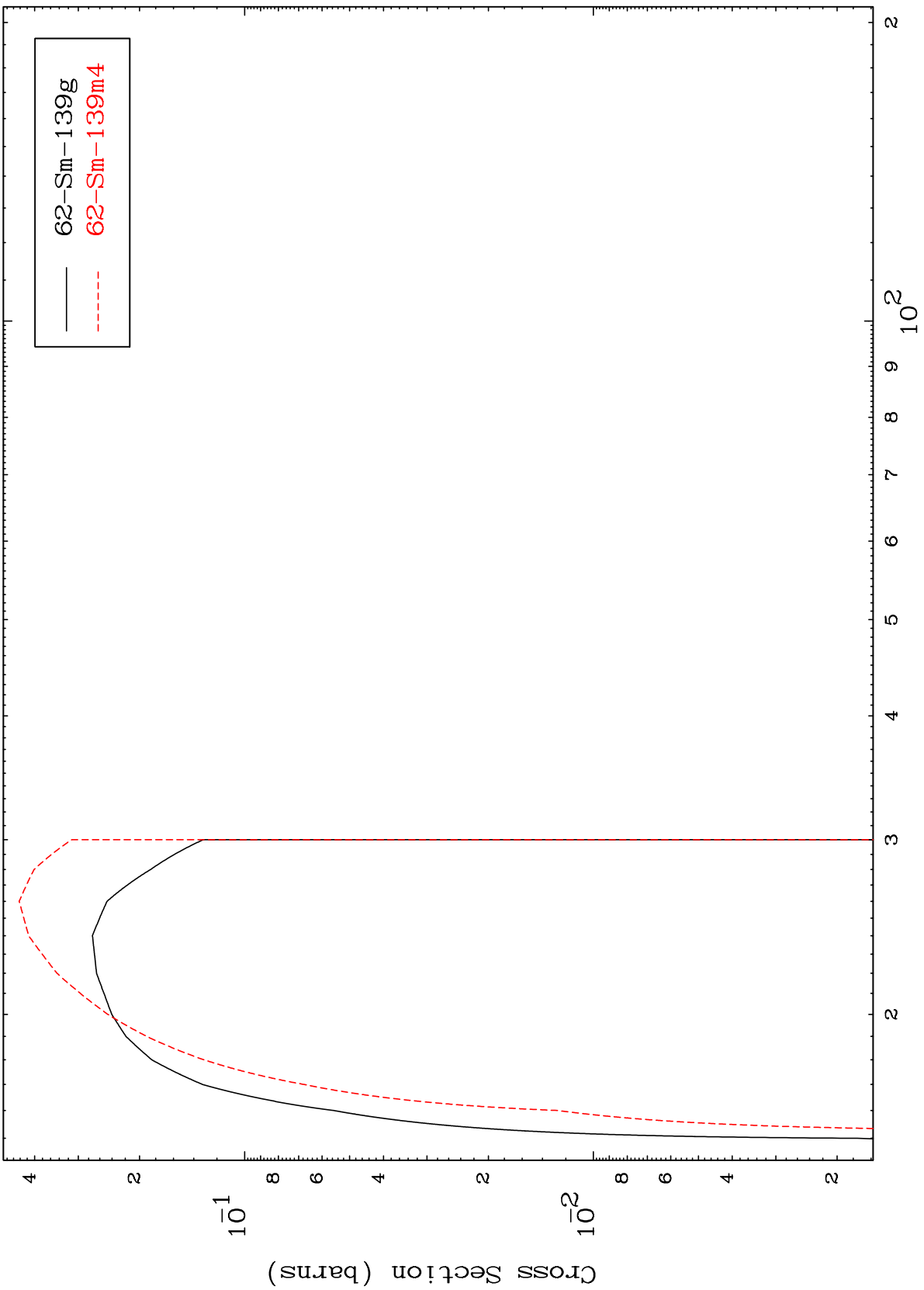
0 Kelvin Cross Sections



MAT 6128

61-Pm-140

(n,2n)
Radionuclide Production Cross Section



62-Sm-139g
62-Sm-139m4

12

Incident Energy (MeV)

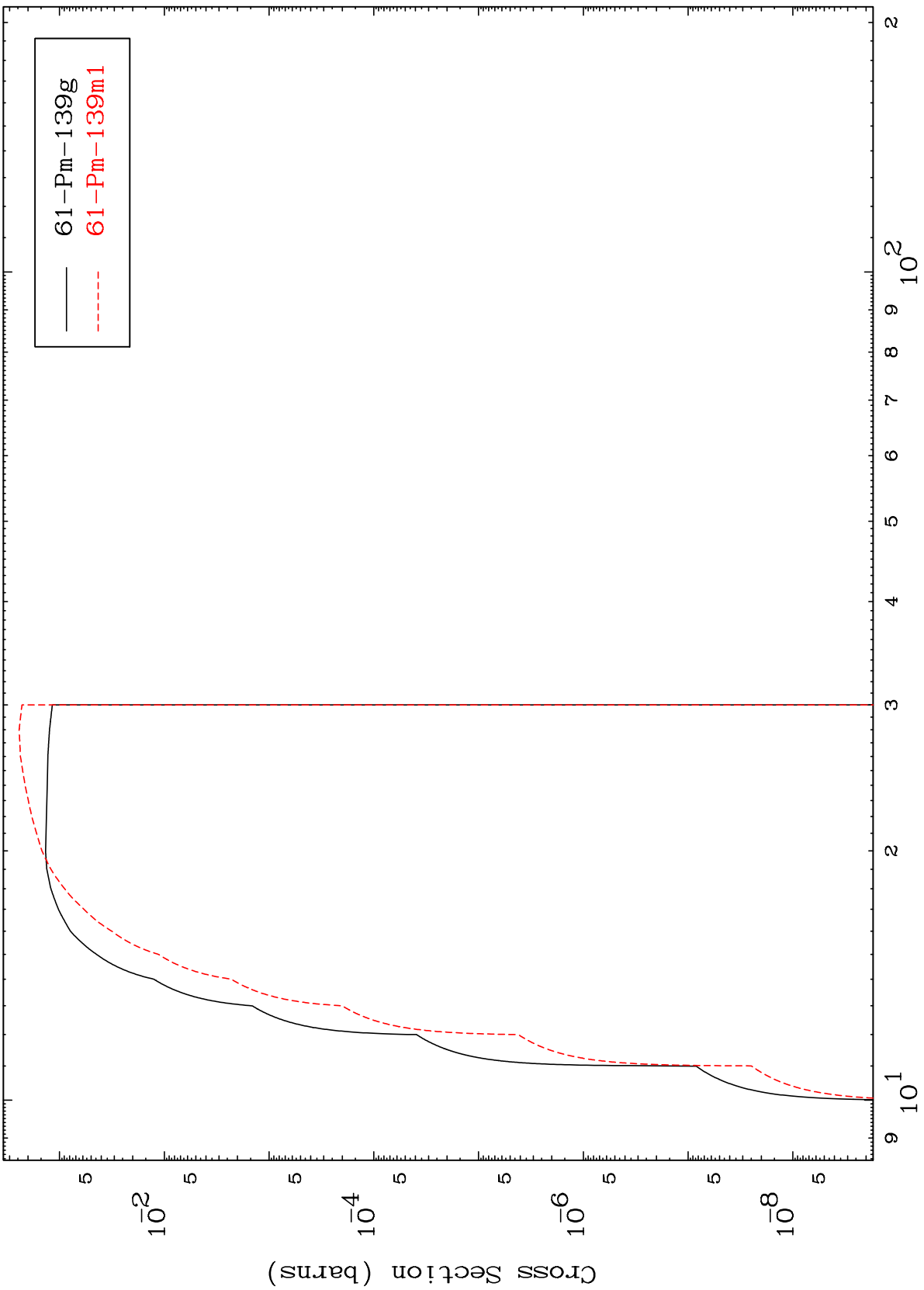
61-Pm-140

MAT 6128

(n,n') p

61-Pm-140

Radionuclide Production Cross Section



13

Incident Energy (MeV)

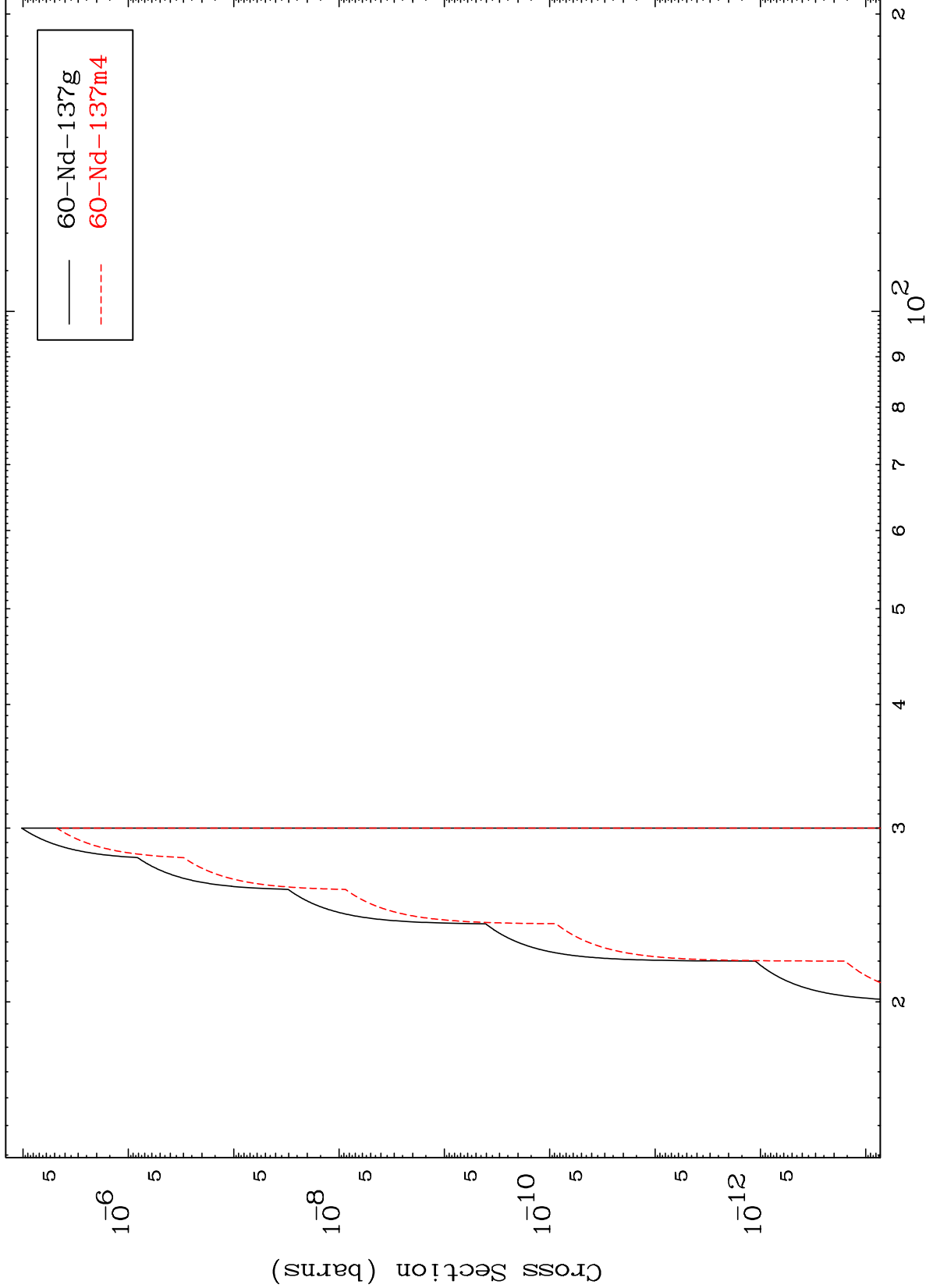
61-Pm-140

MAT 6128

(n,n') He-3

61-Pm-140

Radionuclide Production Cross Section



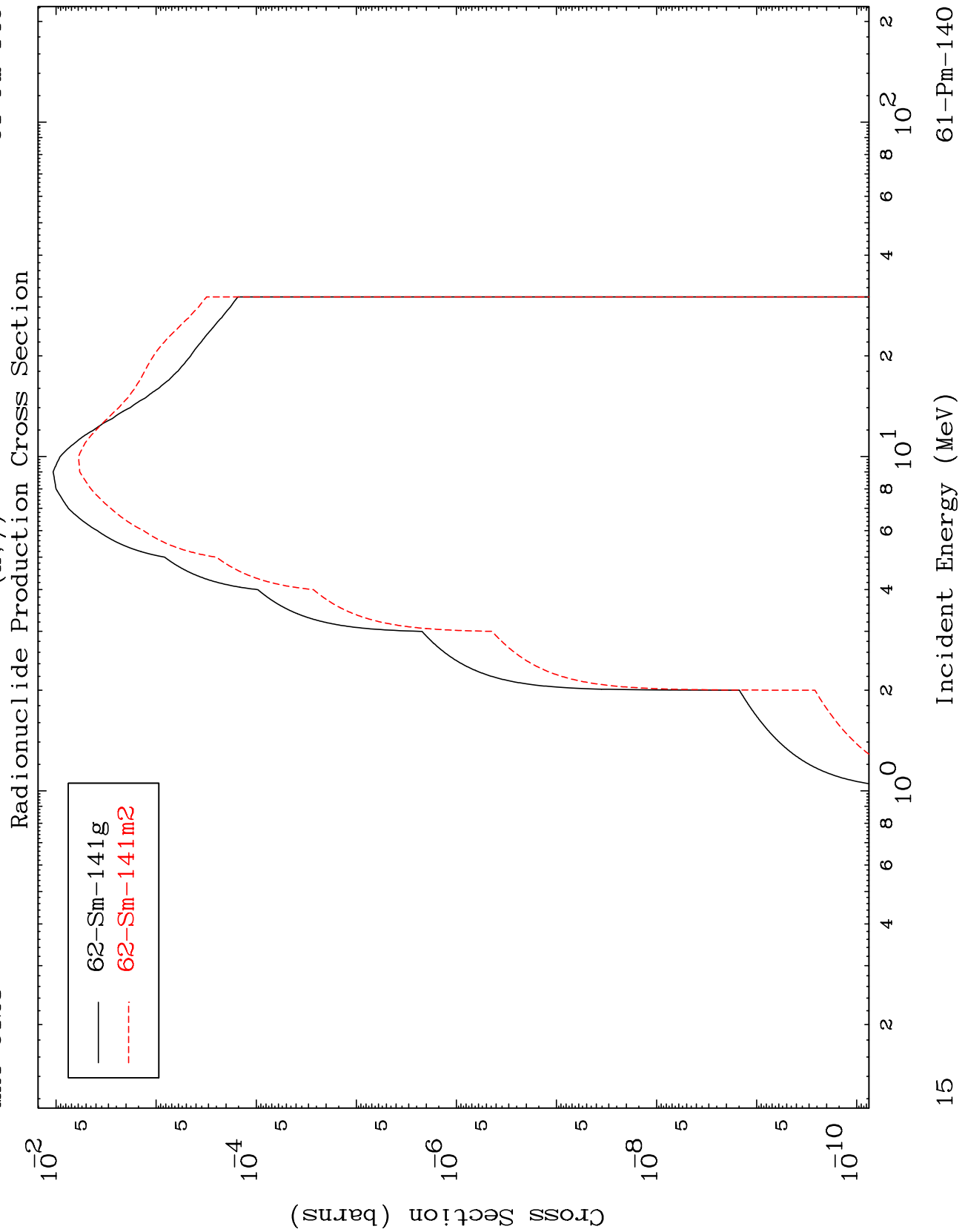
14

Incident Energy (MeV)

61-Pm-140

MAT 6128

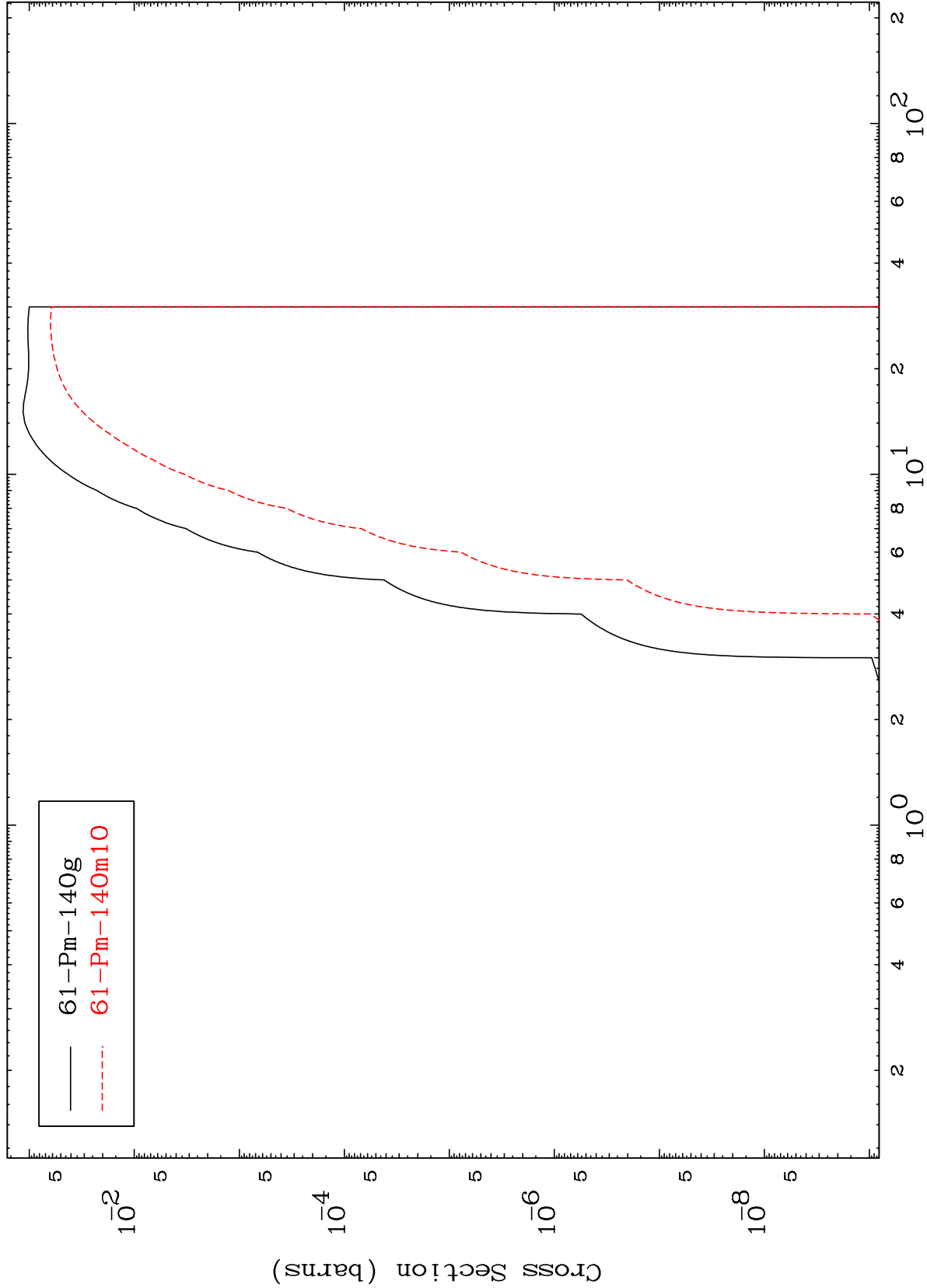
61-Pm-140



MAT 6128

61-Pm-140

(n,p)
Radionuclide Production Cross Section



16

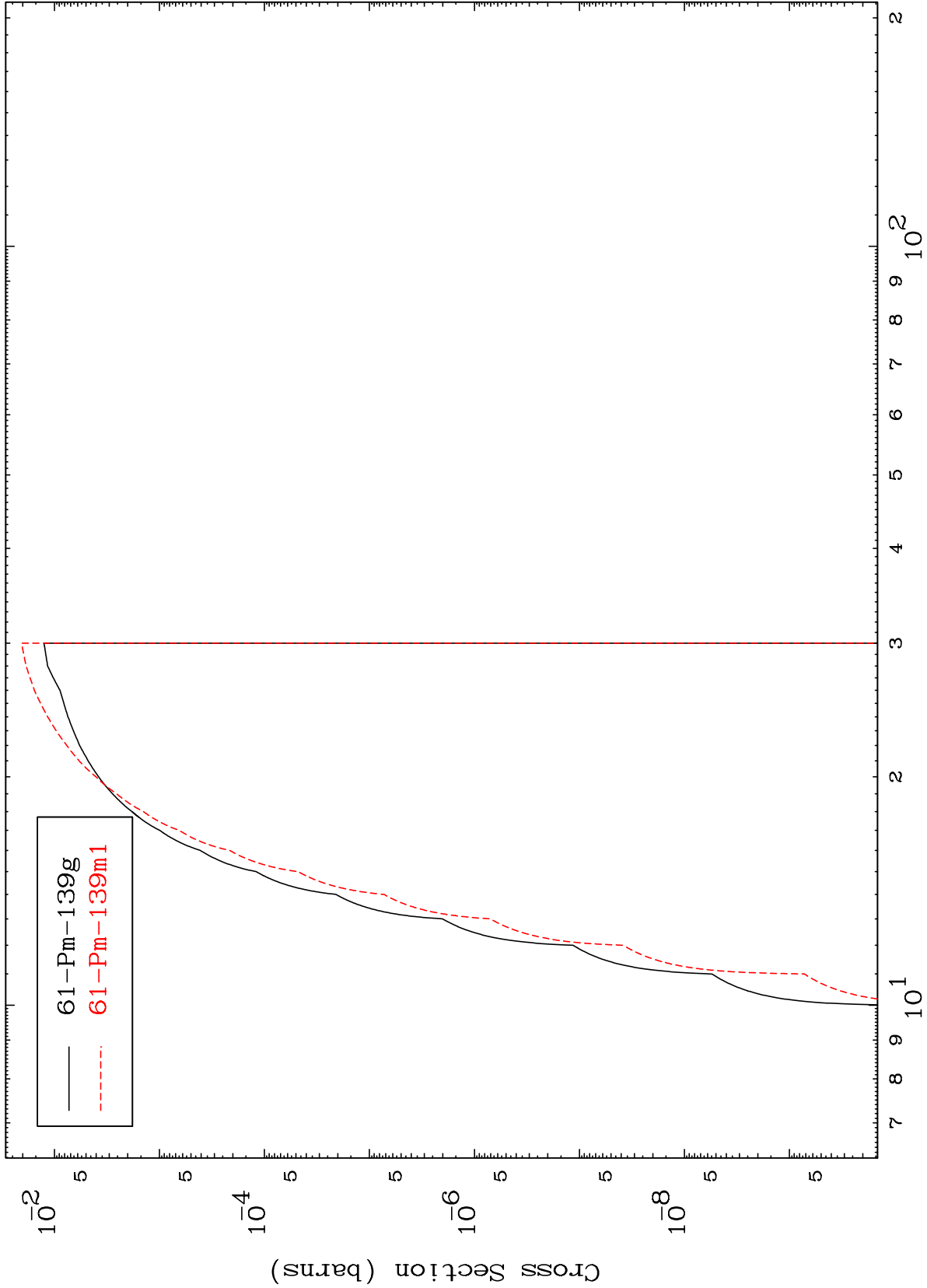
61-Pm-140

Incident Energy (MeV)

MAT 6128

61-Pm-140

(n,d)
Radionuclide Production Cross Section



17

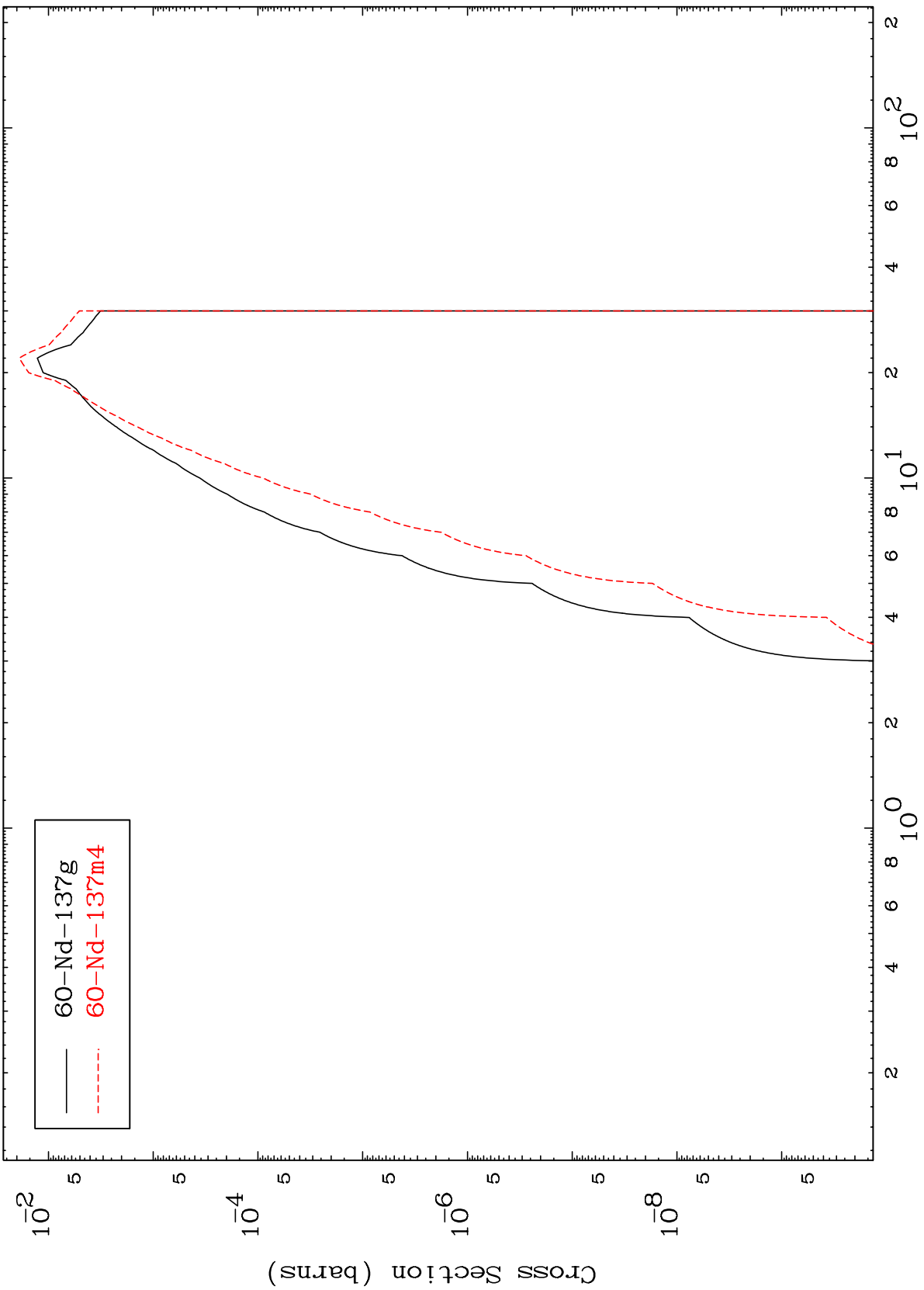
Incident Energy (MeV)

61-Pm-140

MAT 6128

61-Pm-140

(n, α)
Radionuclide Production Cross Section



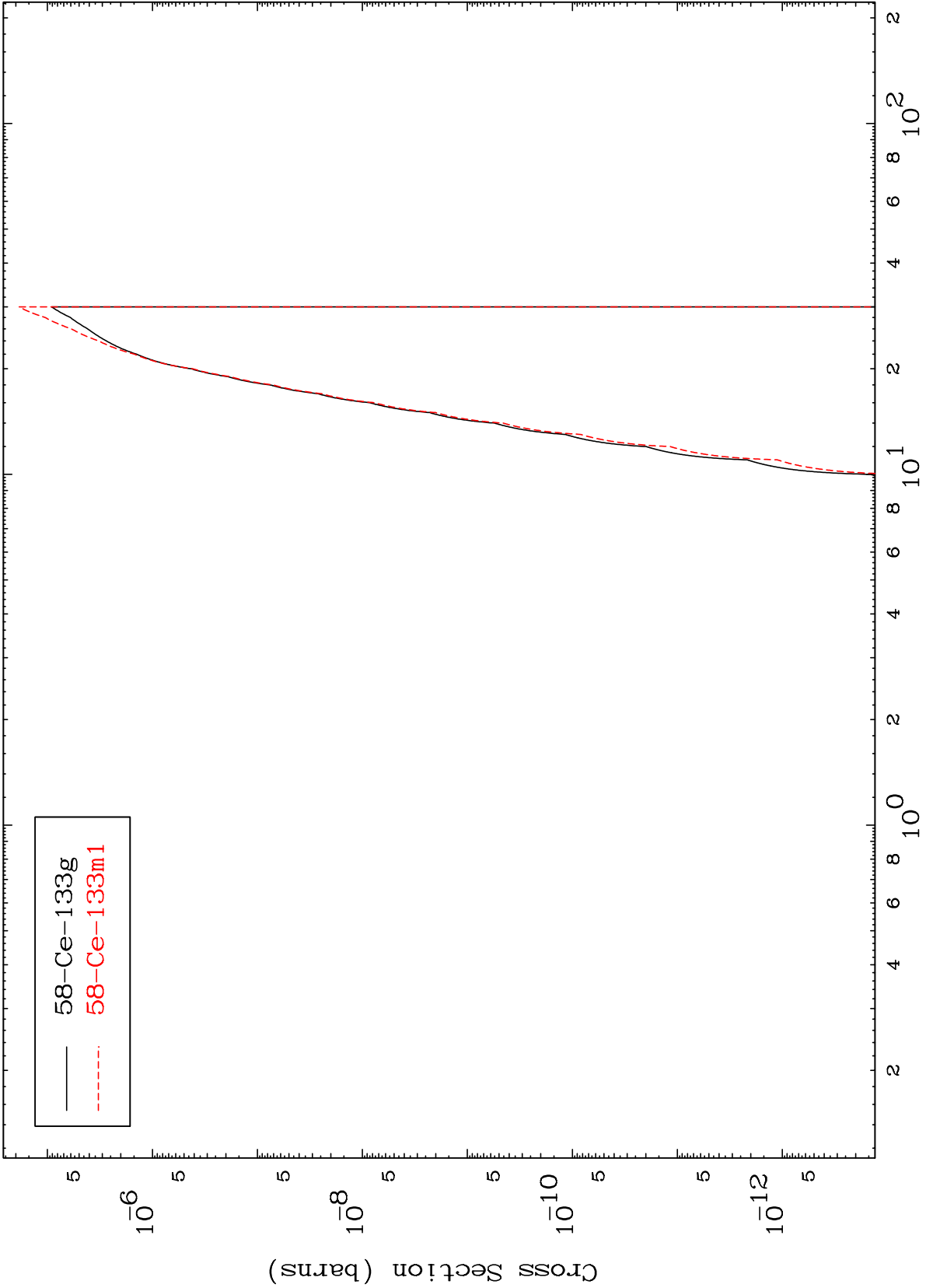
— 60-Nd-137g
- - - 60-Nd-137m4

MAT 6128

(n,2α)

61-Pm-140

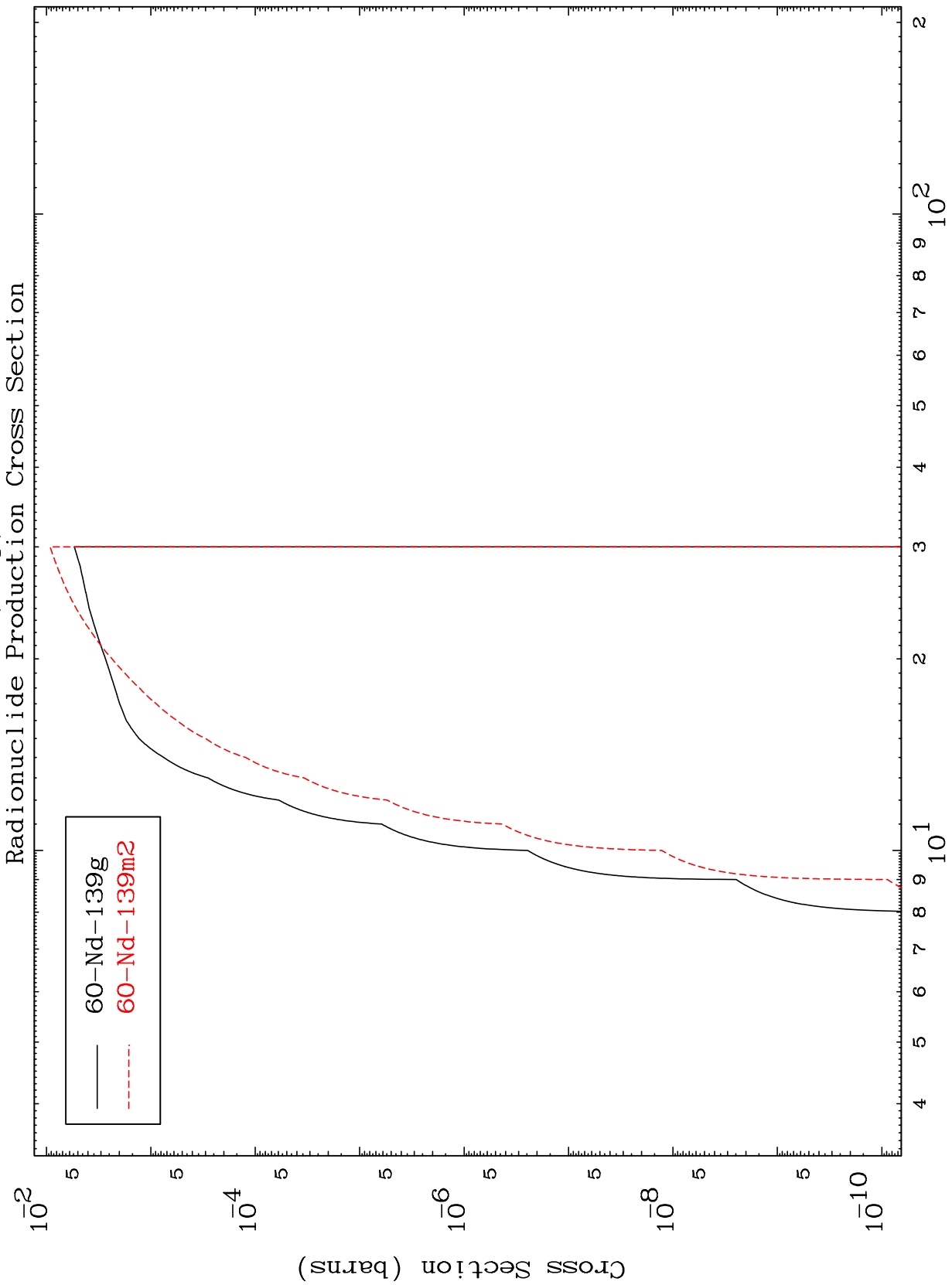
Radionuclide Production Cross Section



MAT 6128

61-Pm-140

Radionuclide Production Cross Section
(n,2p)



61-Pm-140

Incident Energy (MeV)

20

