

Program EVALPLOT
(Version 2017-1)

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

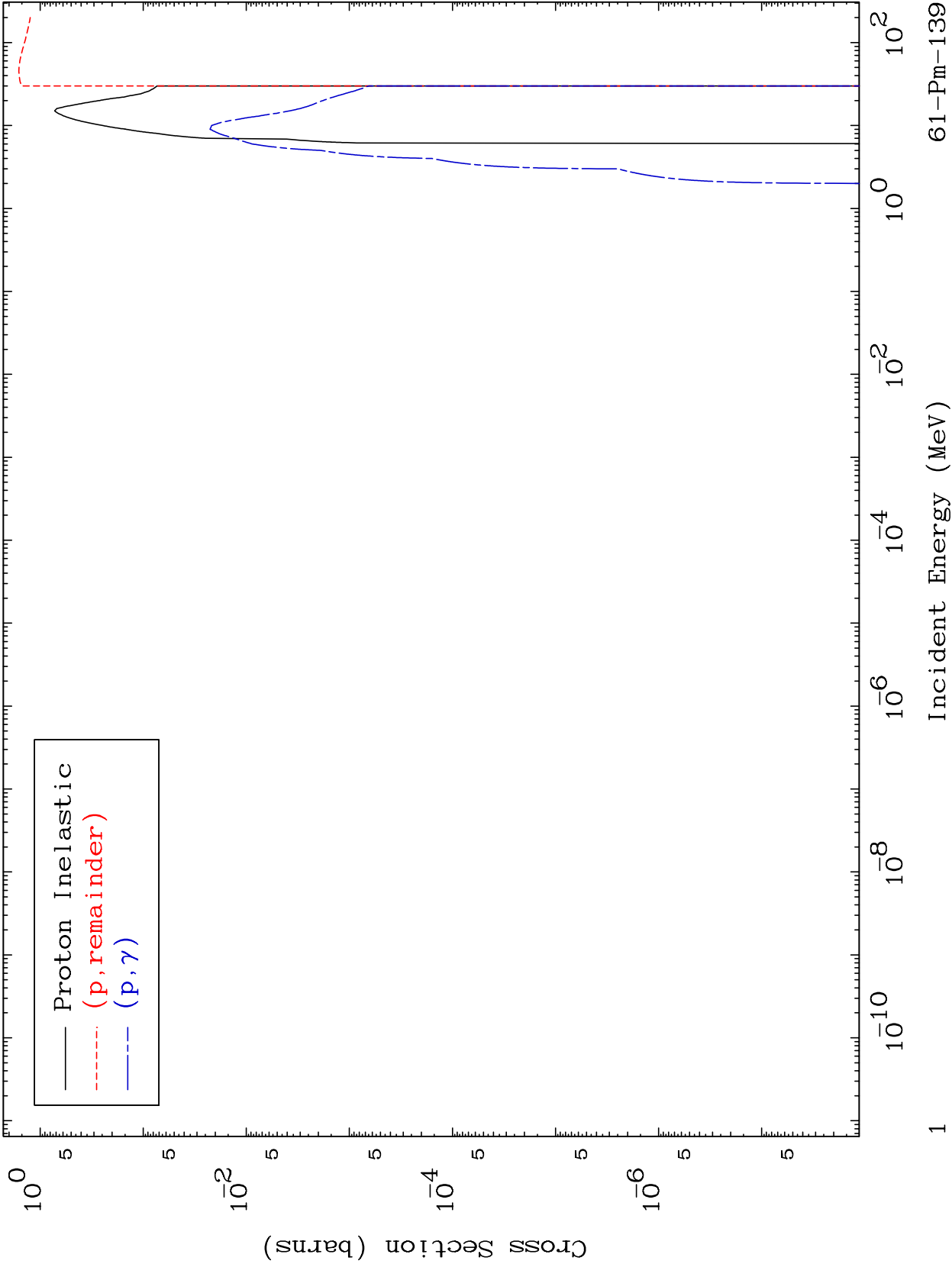
Web:redcullen1.net/HOMEPAGE.NEW

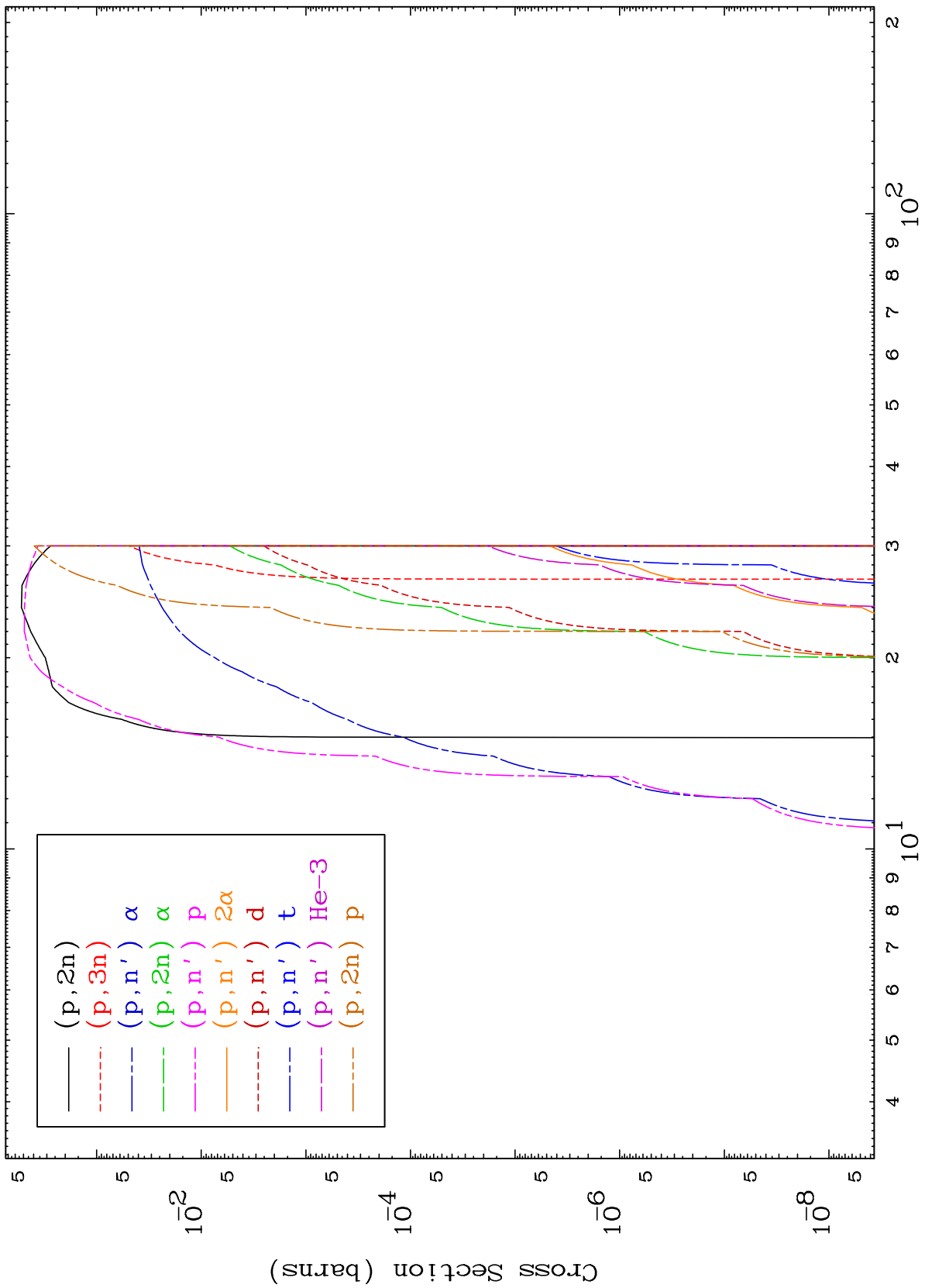
Press Mouse Button to Start

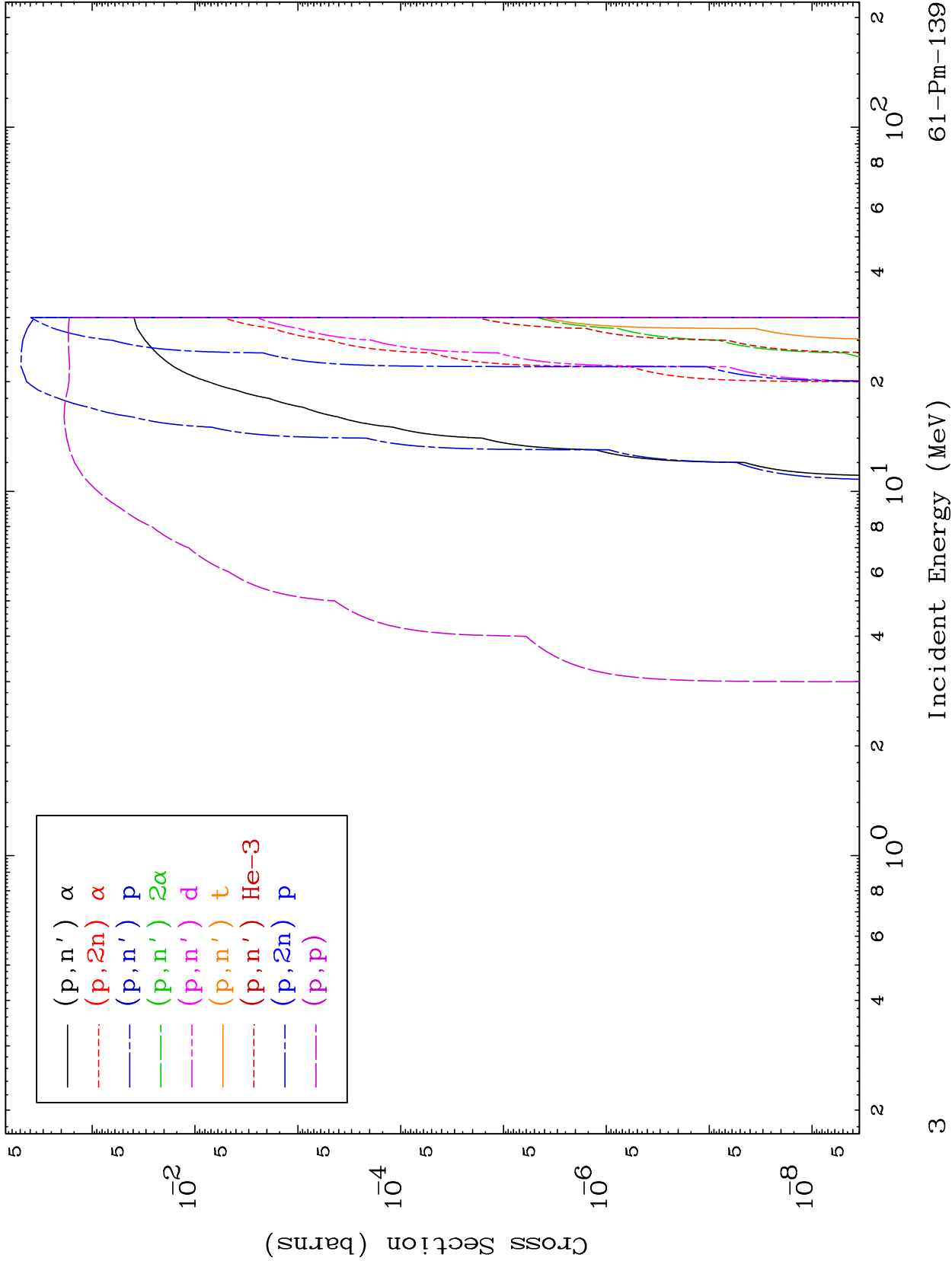
MAT 6125

Proton Major
0 Kelvin Cross Sections

61-Pm-139



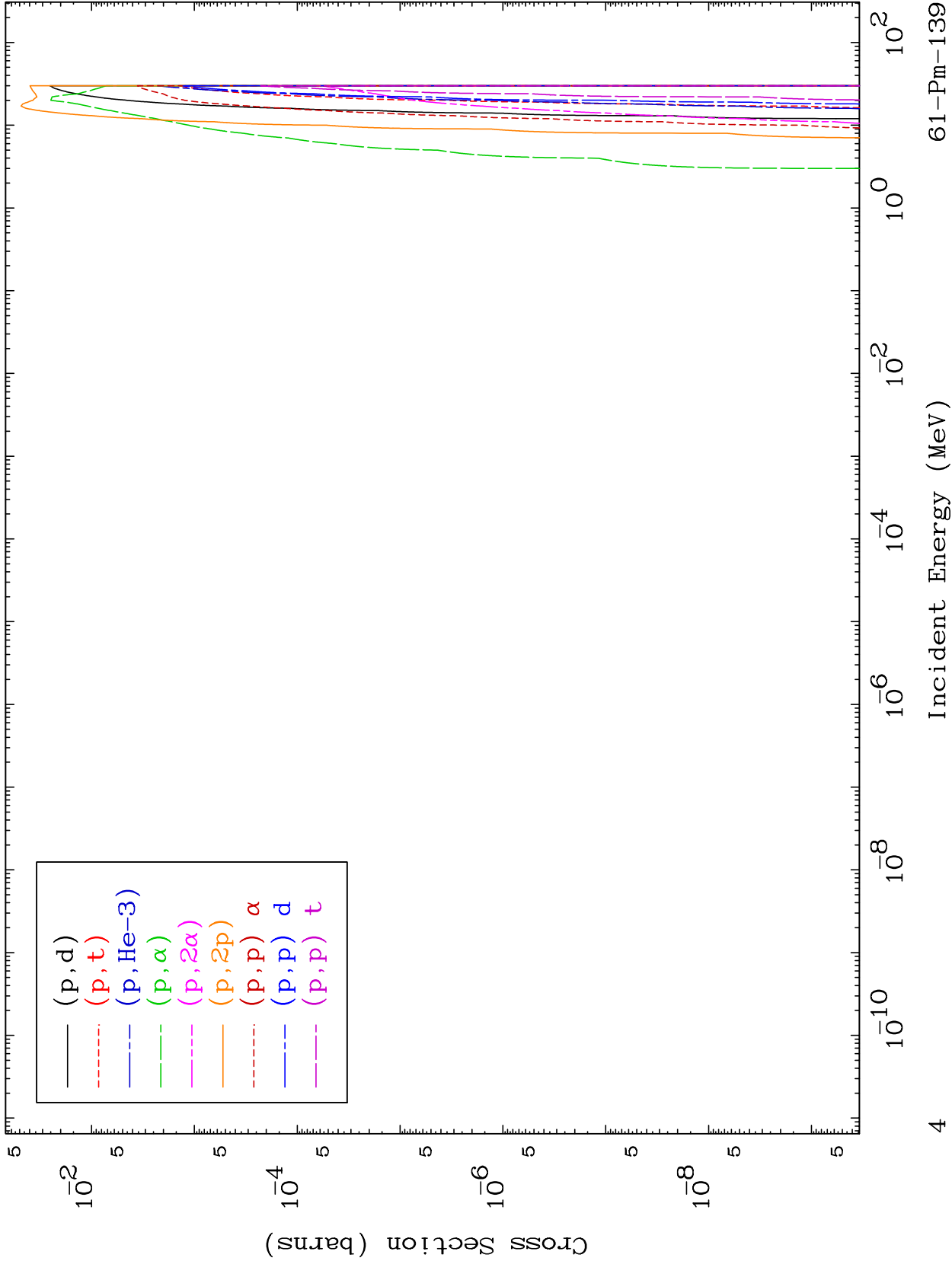




MAT 6125

Proton Charged Particle
0 Kelvin Cross Sections

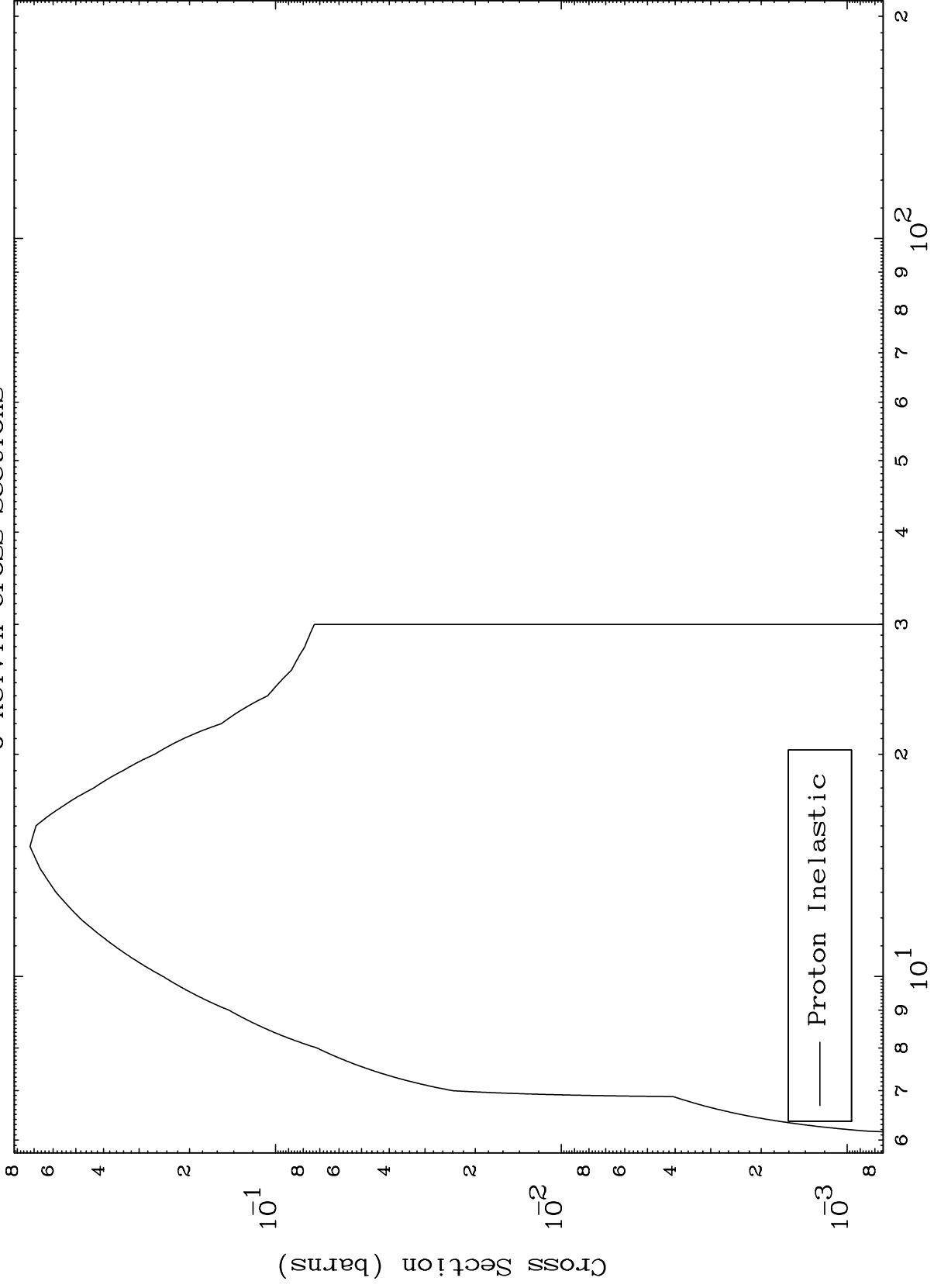
61-Pm-139



MAT 6125

(p,n') Level
0 Kelvin Cross Sections

61-Pm-139



5

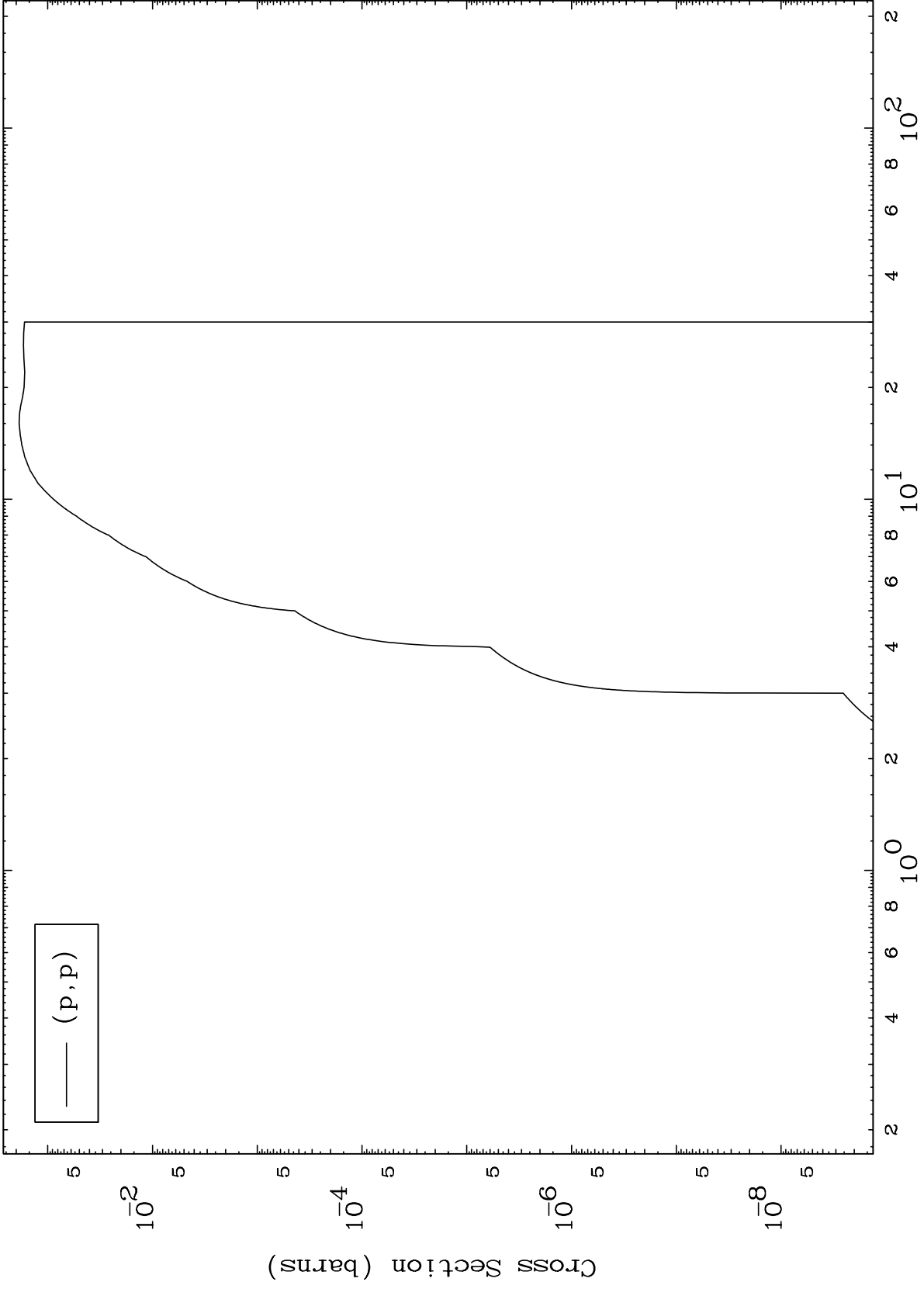
Incident Energy (MeV)

61-Pm-139

MAT 6125

(p,p) Levels
0 Kelvin Cross Sections

61-Pm-139



6

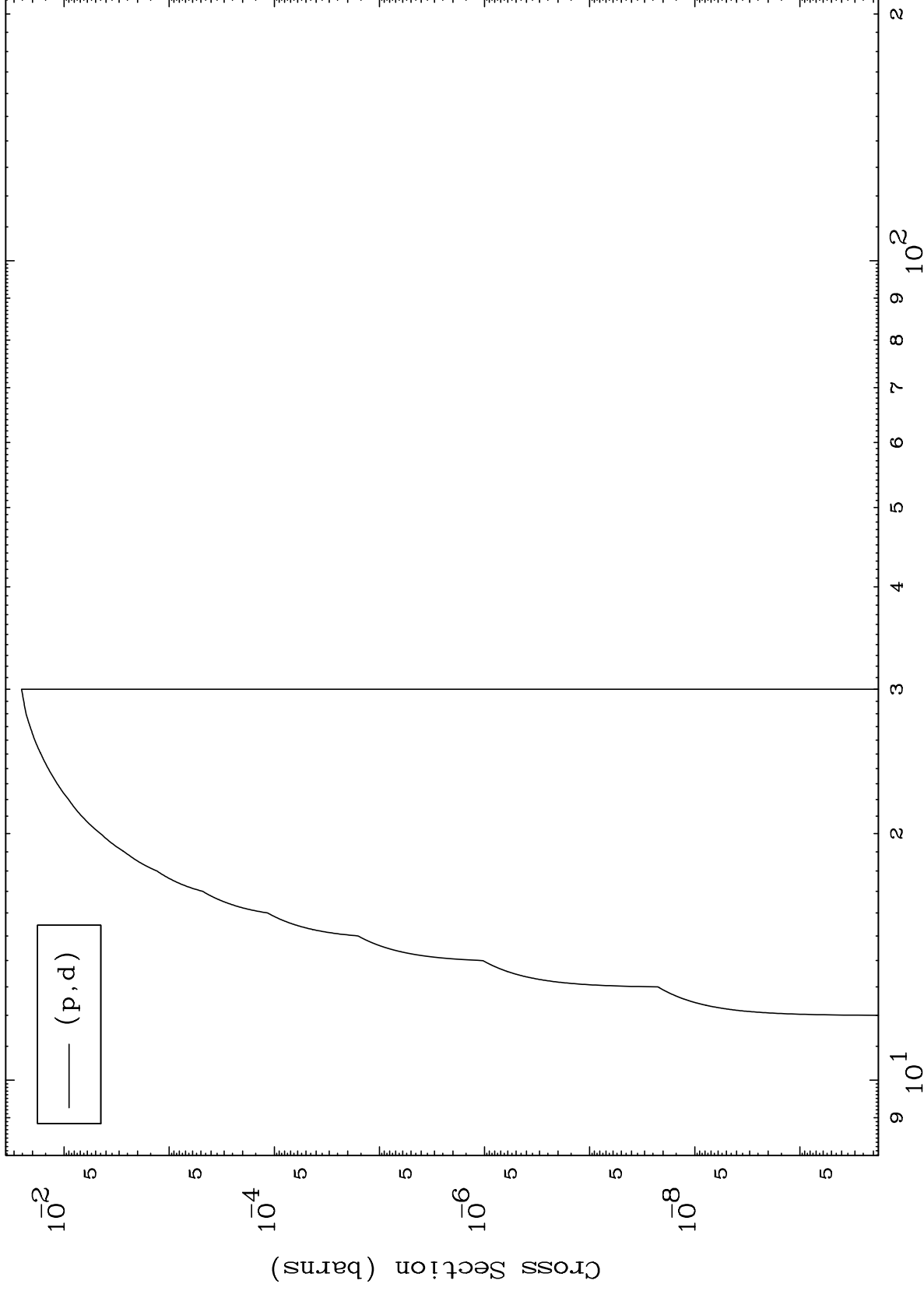
Incident Energy (MeV)

61-Pm-139

MAT 6125

(p,d) Levels
0 Kelvin Cross Sections

61-Pm-139



7

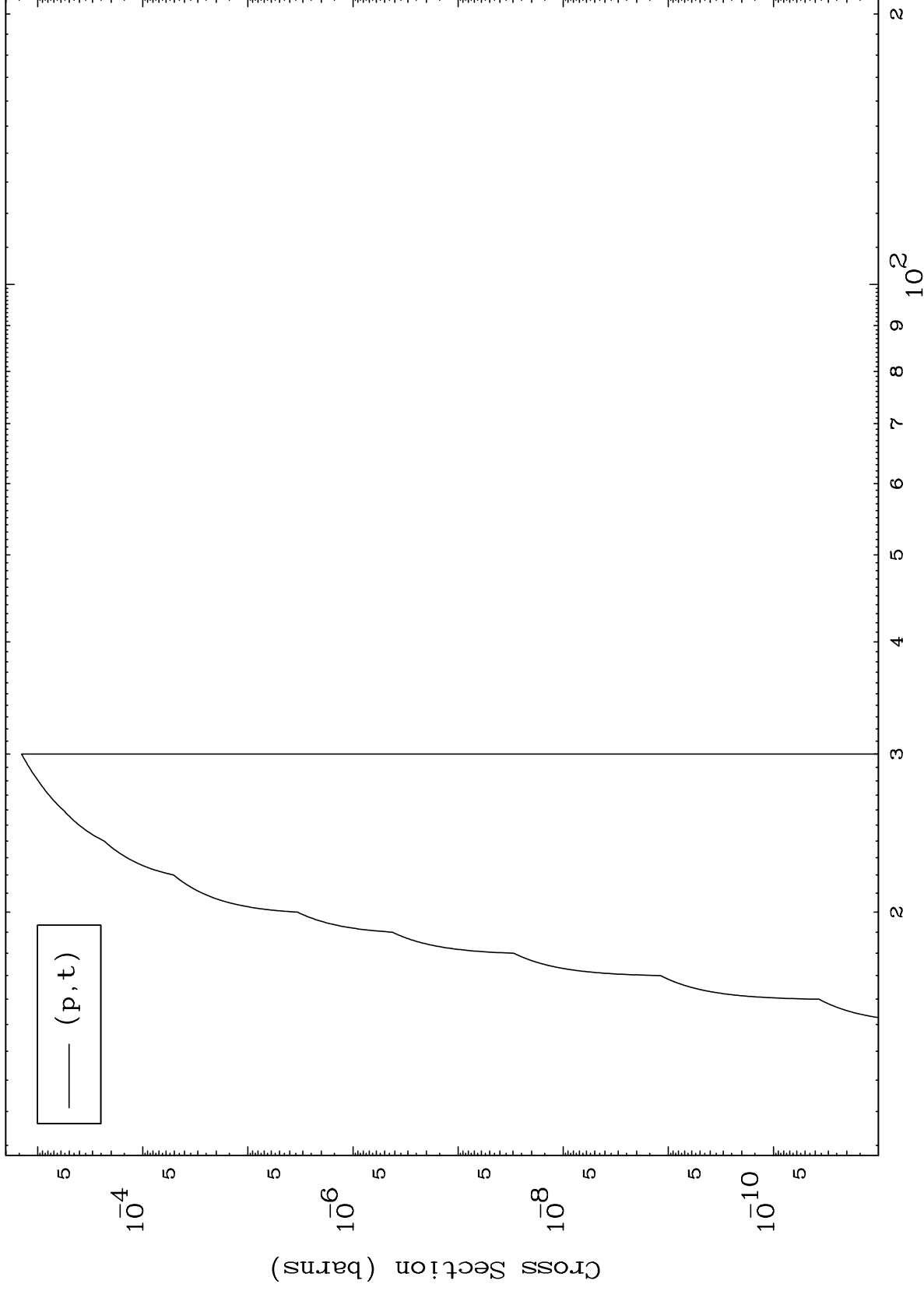
Incident Energy (MeV)

61-Pm-139

MAT 6125

(p,t) Levels
0 Kelvin Cross Sections

61-Pm-139



8

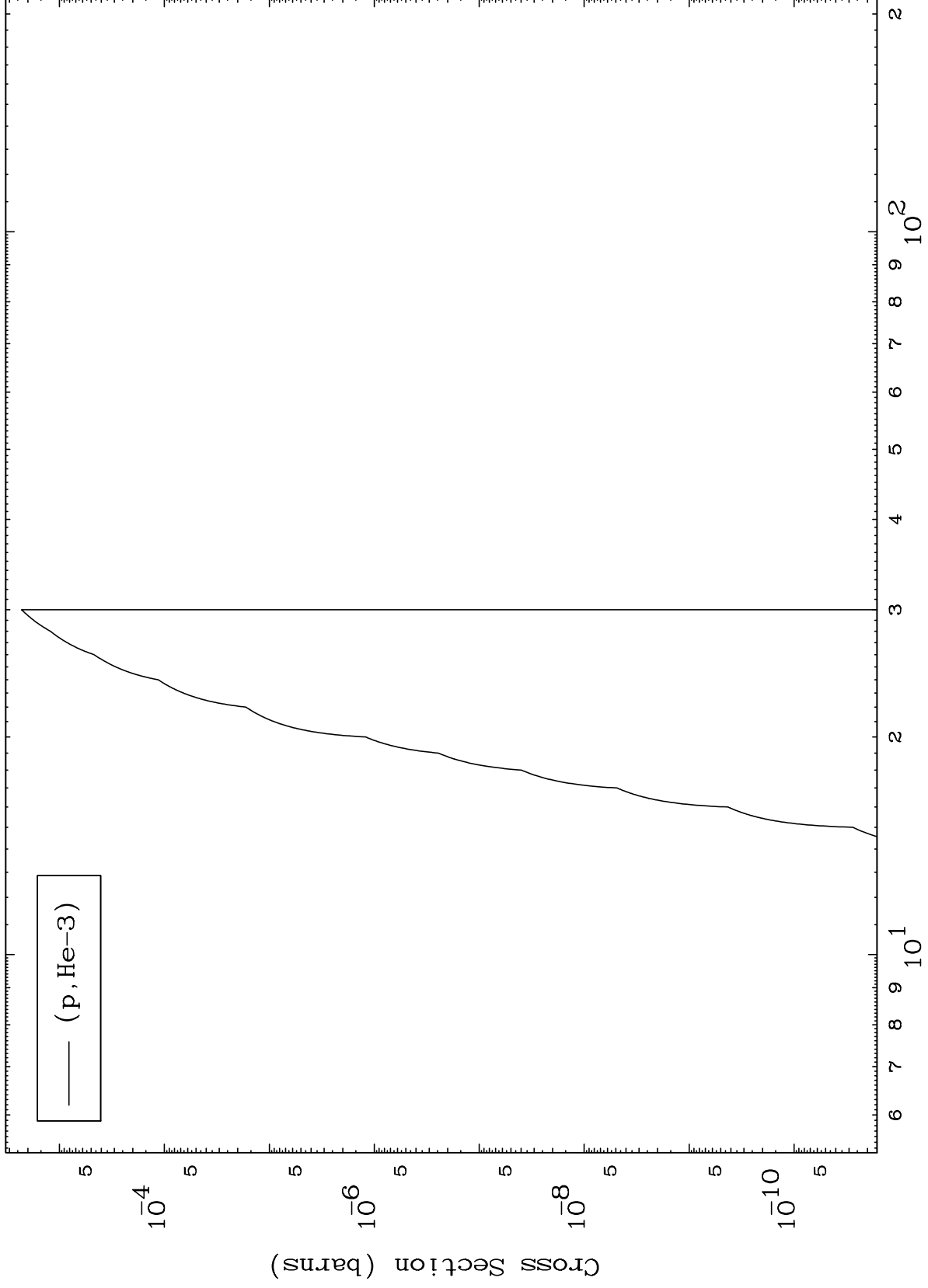
Incident Energy (MeV)

61-Pm-139

MAT 6125

(p,He3) Levels
0 Kelvin Cross Sections

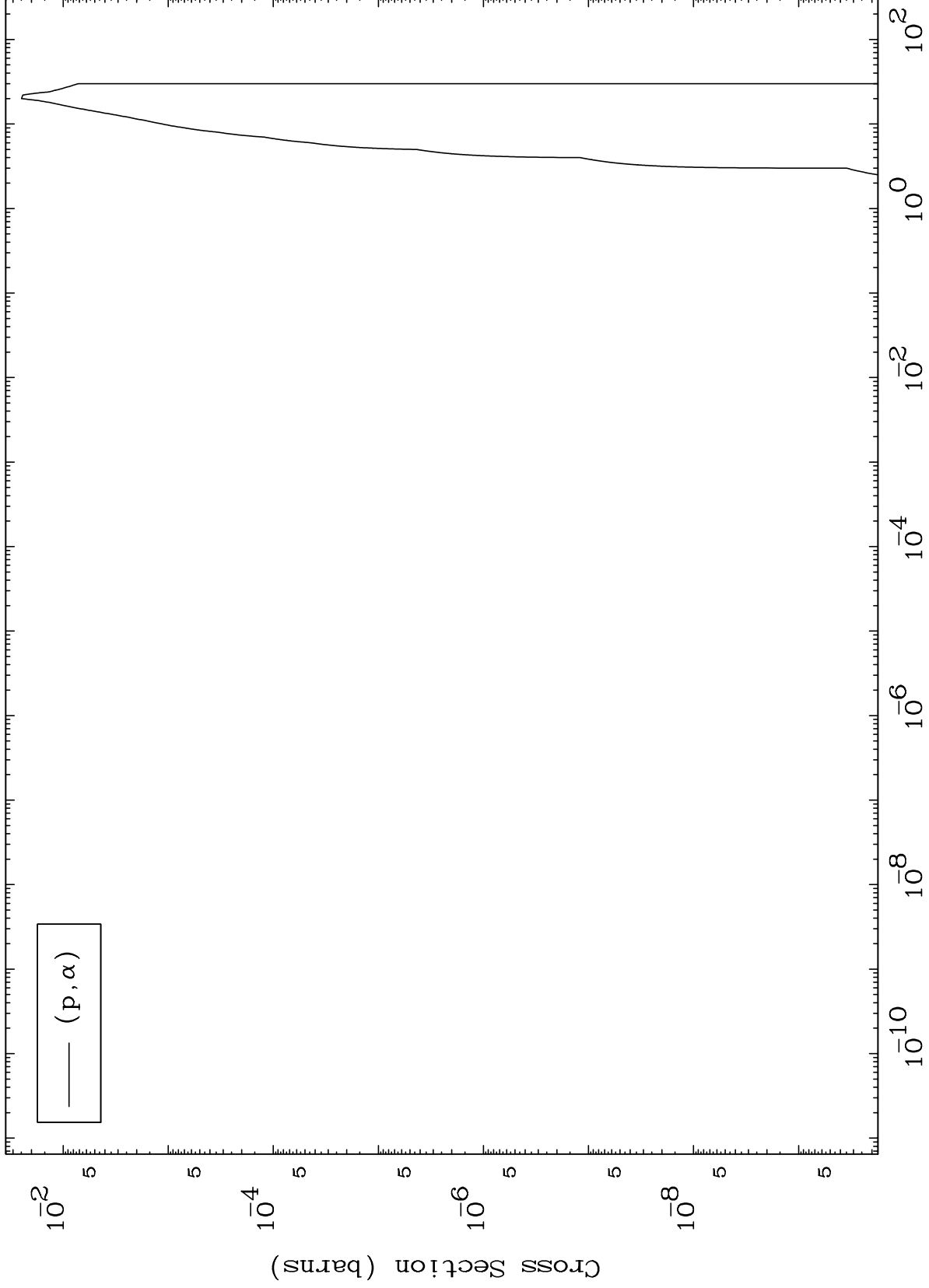
61-Pm-139



MAT 6125

(p, α) Levels
0 Kelvin Cross Sections

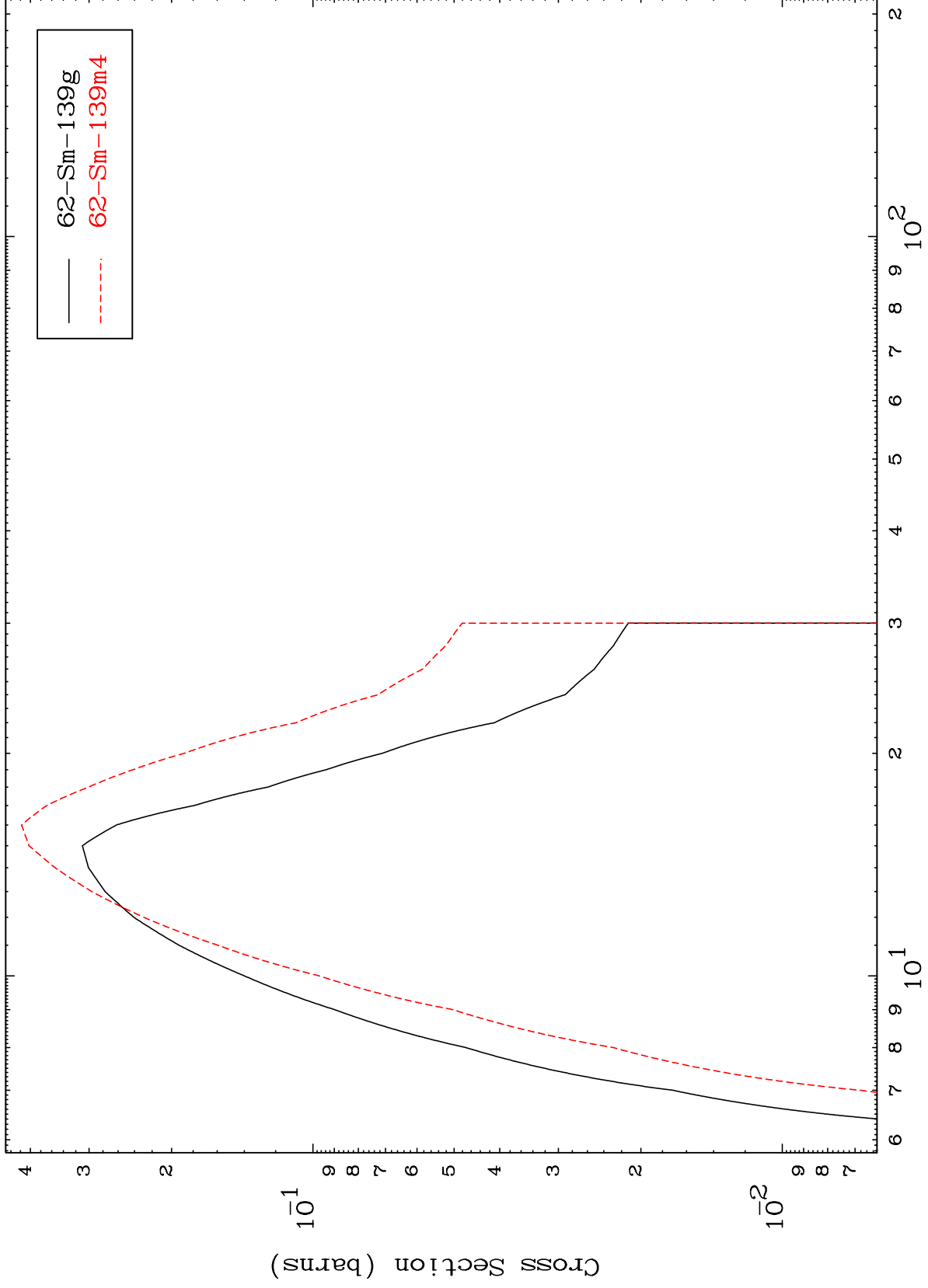
61-Pm-139



10

Incident Energy (MeV)

61-Pm-139

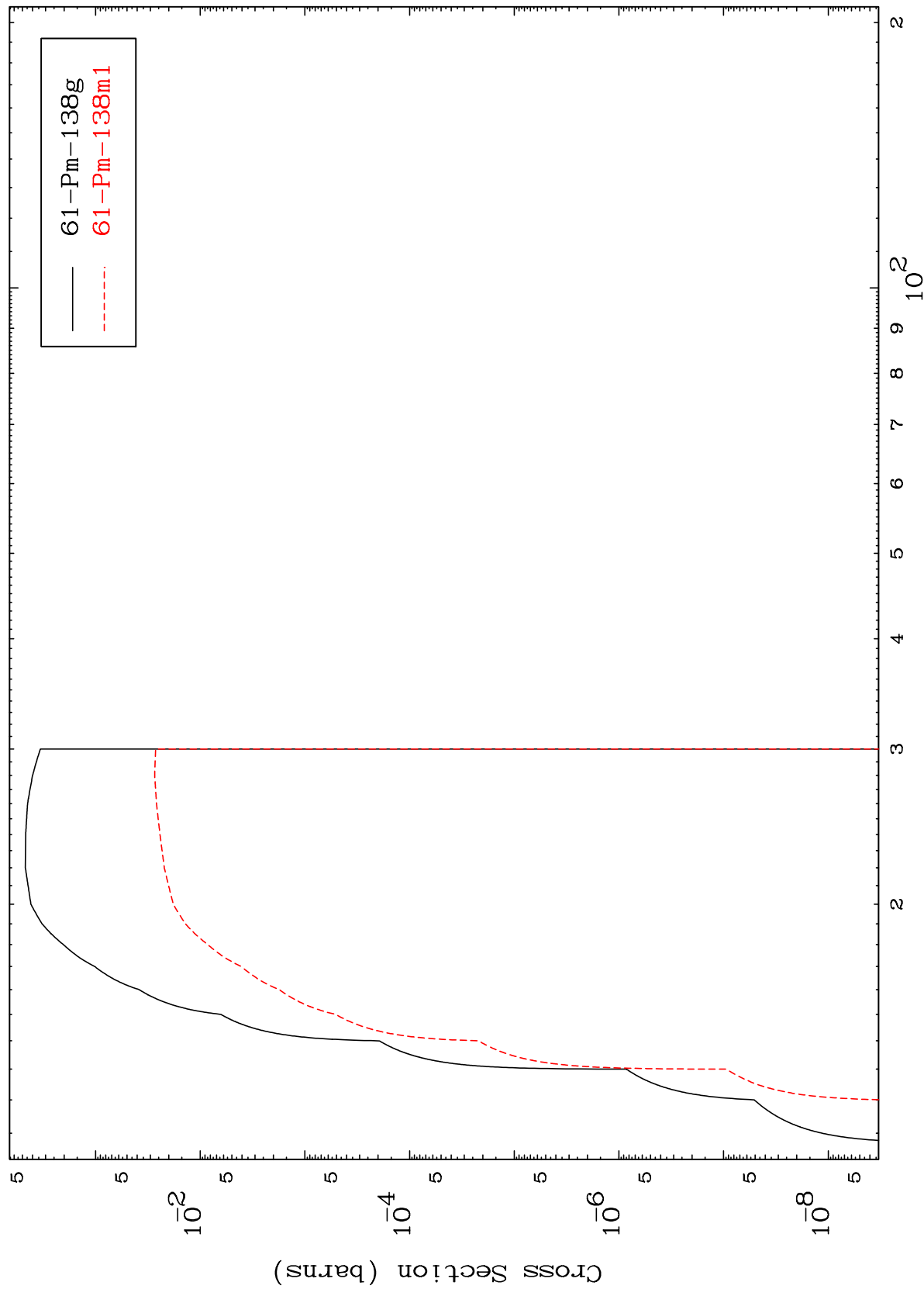


MAT 6125

(p,n') p

61-Pm-139

Radionuclide Production Cross Section



61-Pm-138g
61-Pm-138m1

12

Incident Energy (MeV)

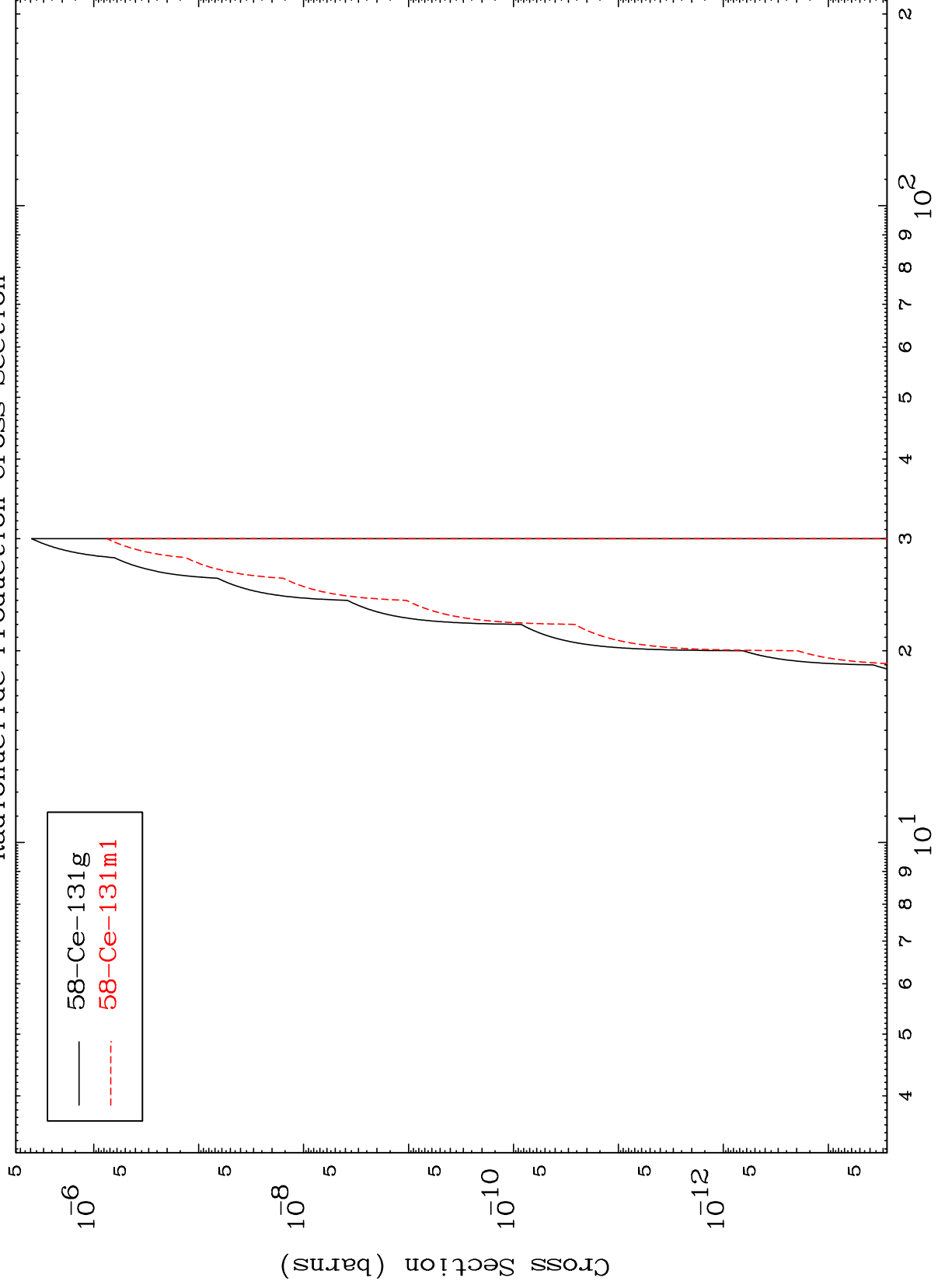
61-Pm-139

MAT 6125

(p,n') 2 α

61-Pm-139

Radionuclide Production Cross Section

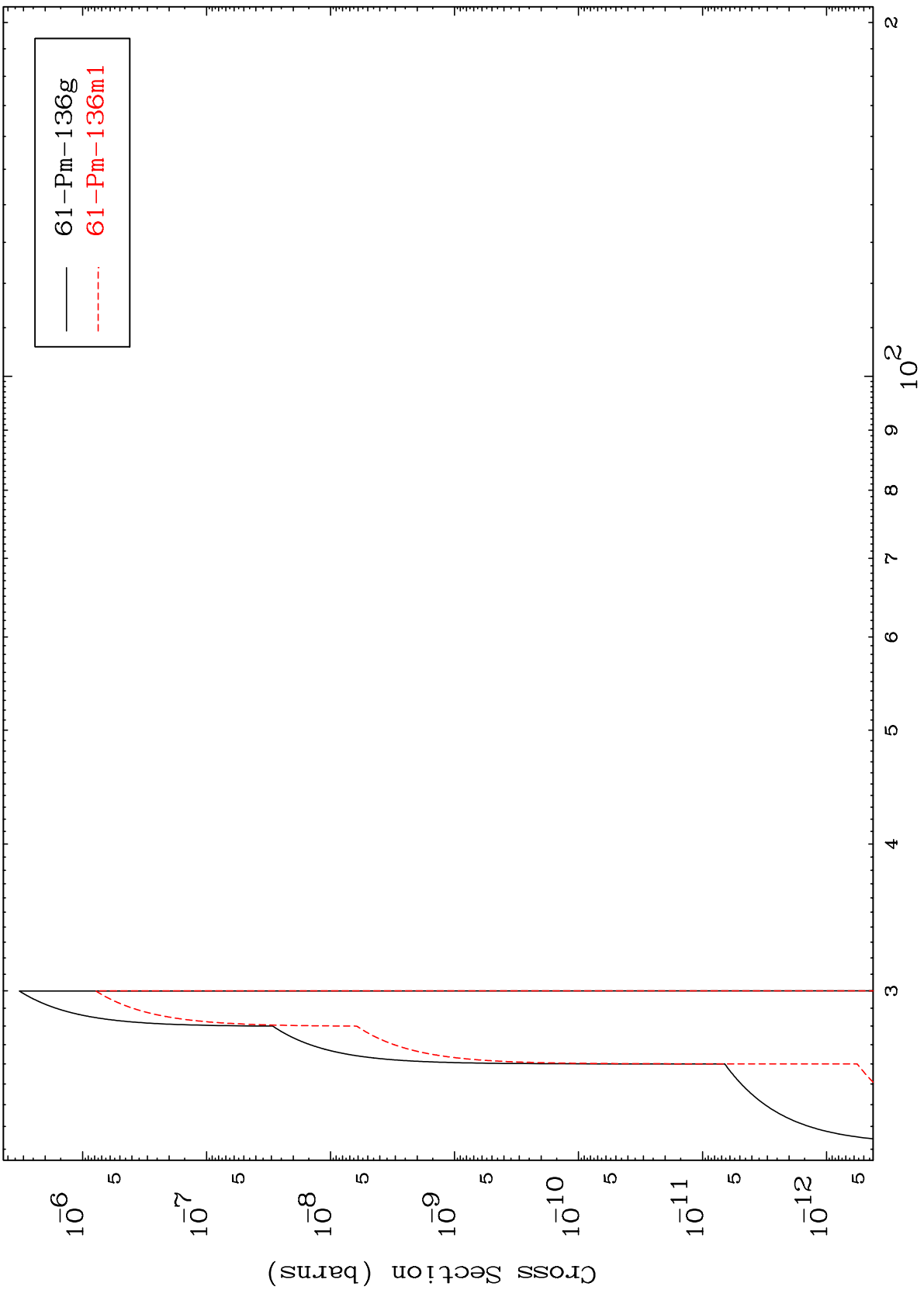


MAT 6125

(p,n') t

61-Pm-139

Radionuclide Production Cross Section



61-Pm-136g
61-Pm-136m1

14

Incident Energy (MeV)

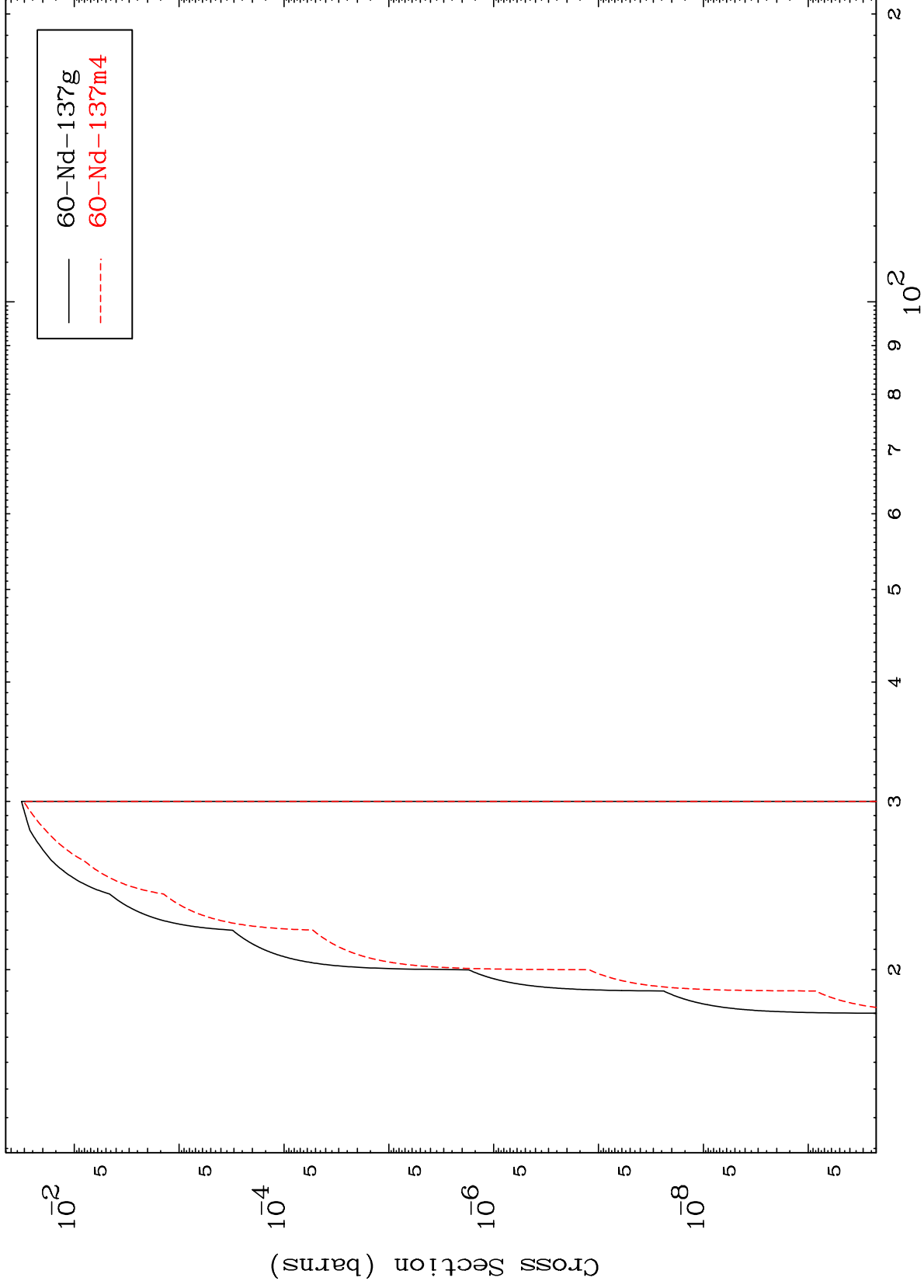
61-Pm-139

MAT 6125

(p,2n) p

61-Pm-139

Radionuclide Production Cross Section



15

Incident Energy (MeV)

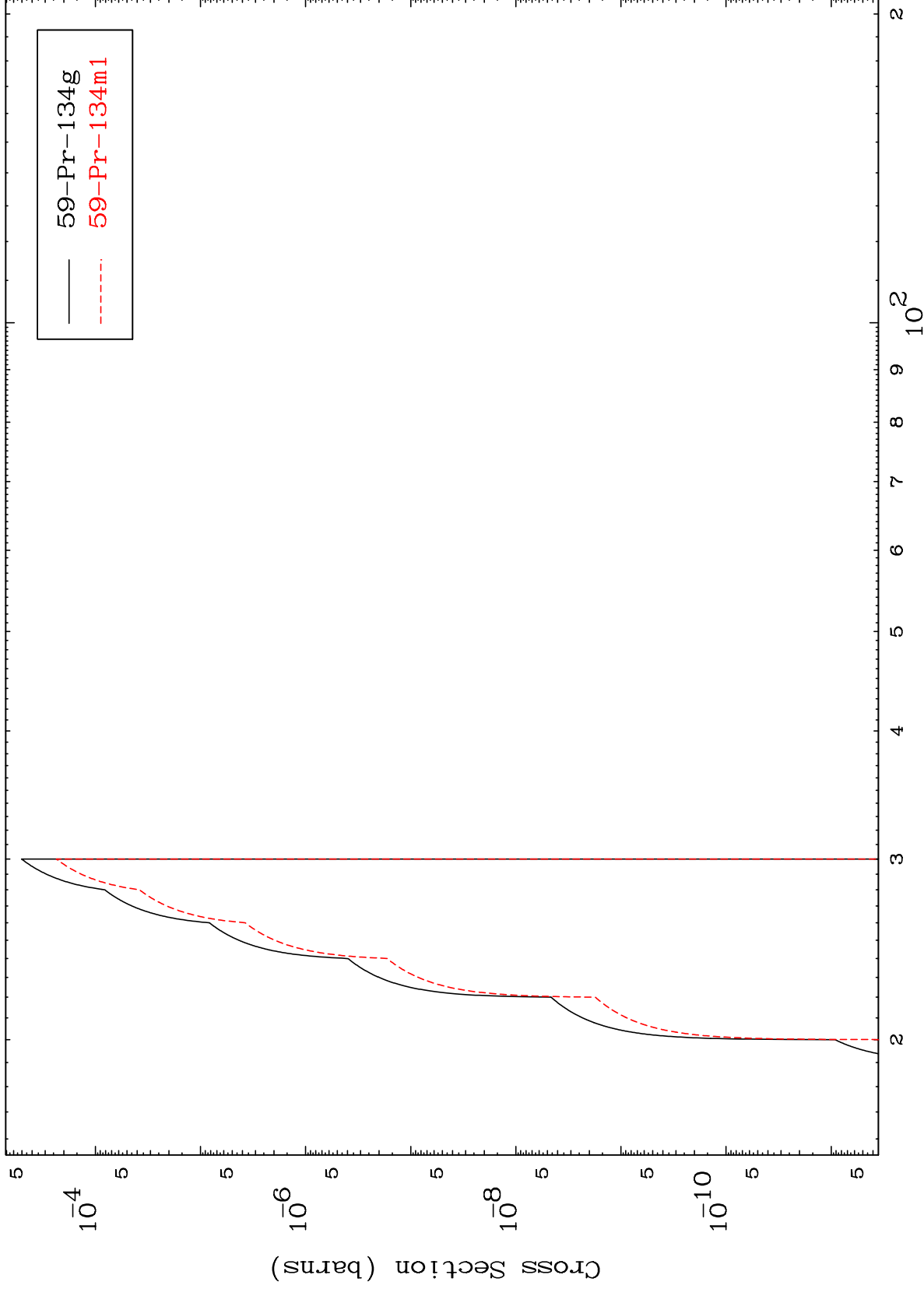
61-Pm-139

MAT 6125

(p,n') p α

61-Pm-139

Radionuclide Production Cross Section



16

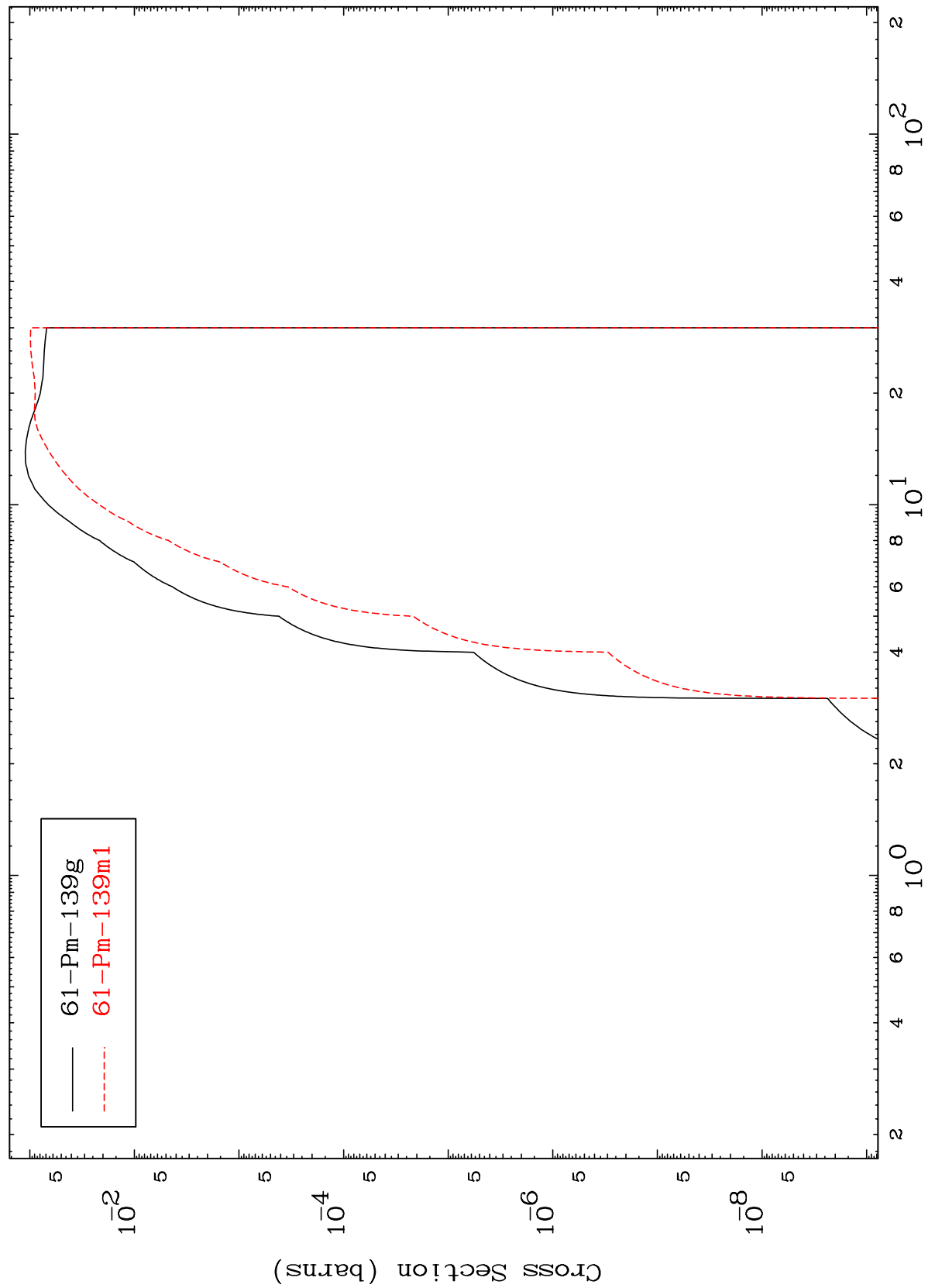
Incident Energy (MeV)

61-Pm-139

MAT 6125

61-Pm-139

(p,p)
Radionuclide Production Cross Section



61-Pm-139g
61-Pm-139m1

17

Incident Energy (MeV)

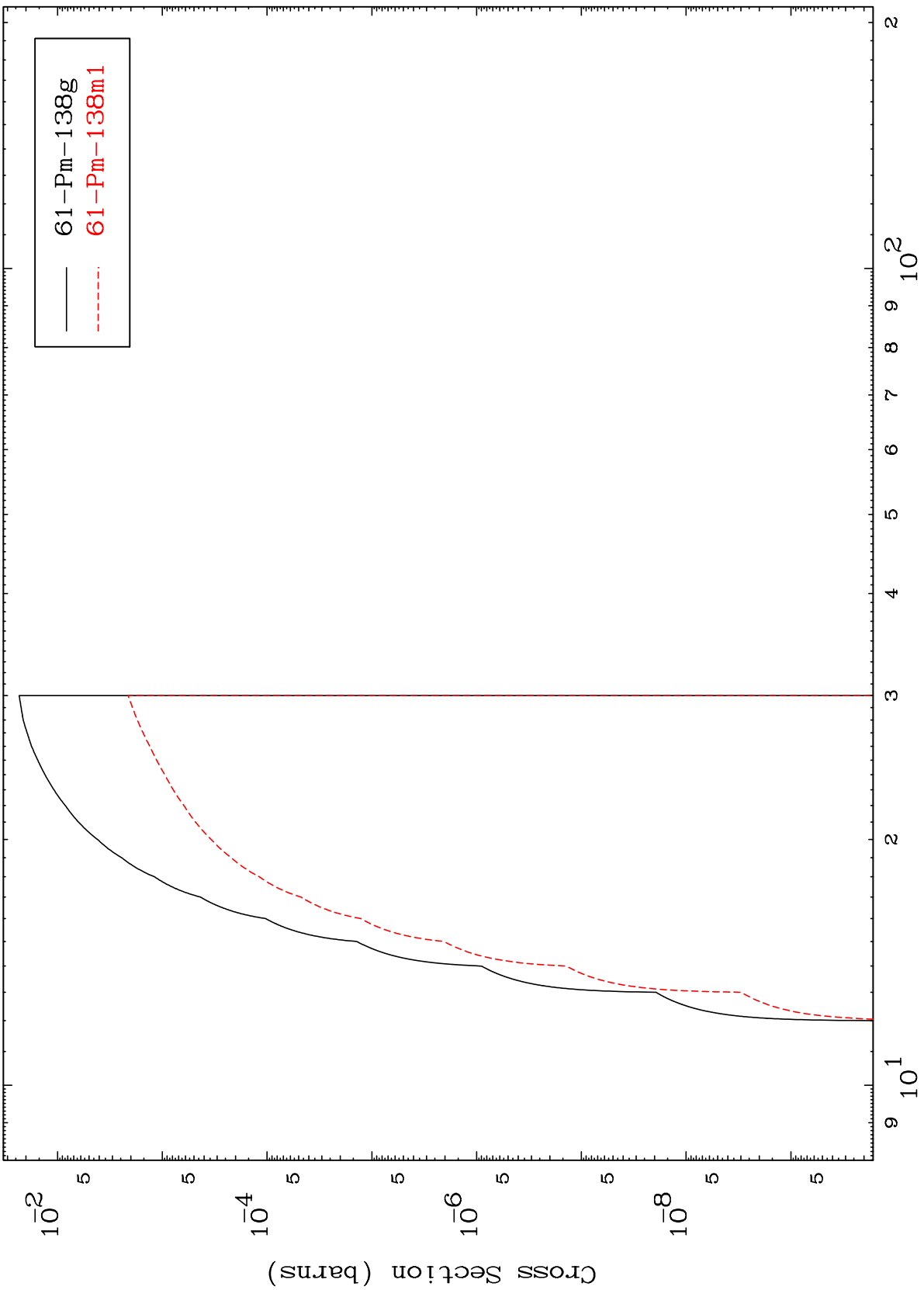
61-Pm-139

MAT 6125

(p,d)

61-Pm-139

Radionuclide Production Cross Section



18

Incident Energy (MeV)

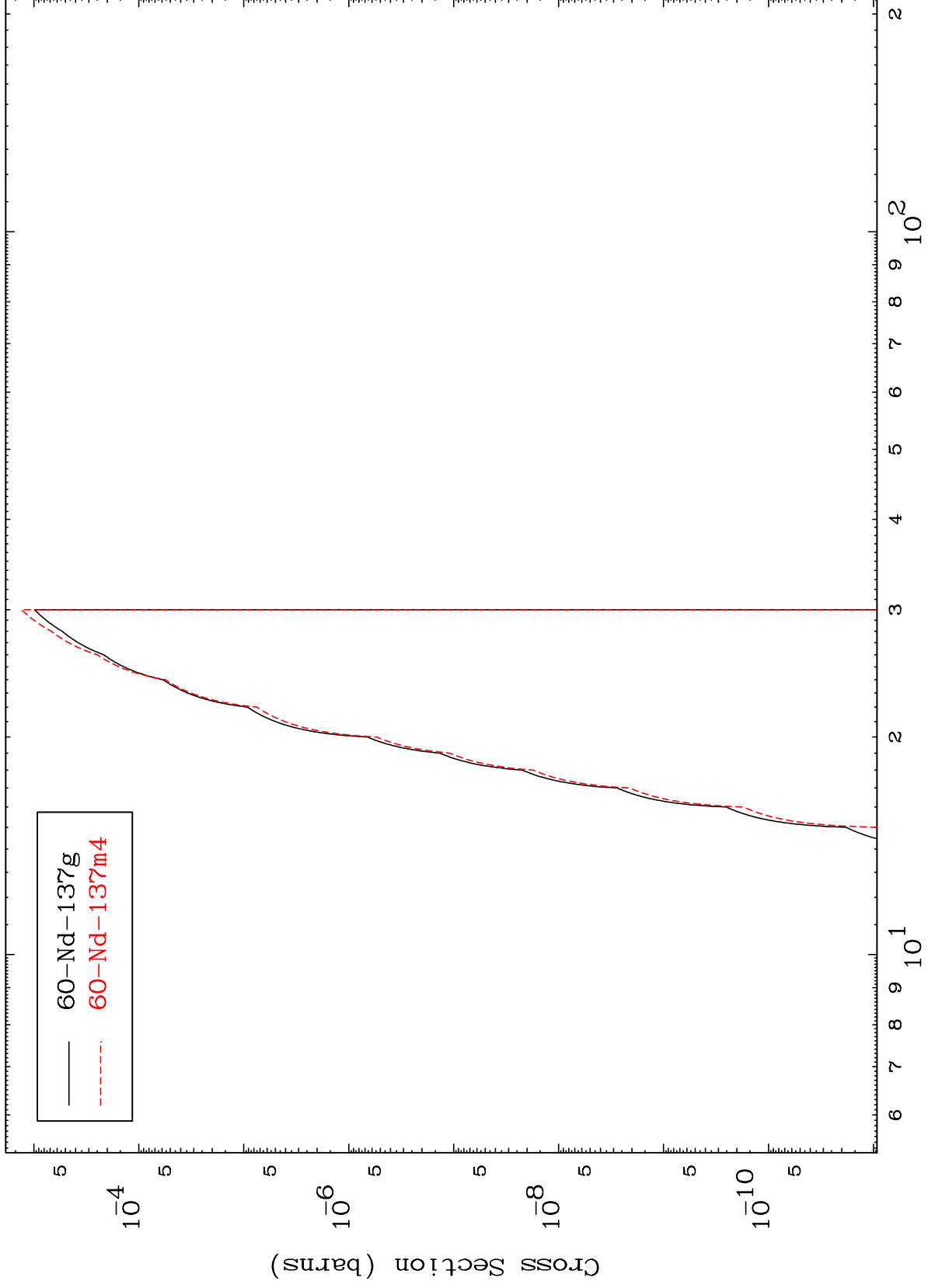
61-Pm-139

MAT 6125

(p,He-3)

61-Pm-139

Radionuclide Production Cross Section



19

Incident Energy (MeV)

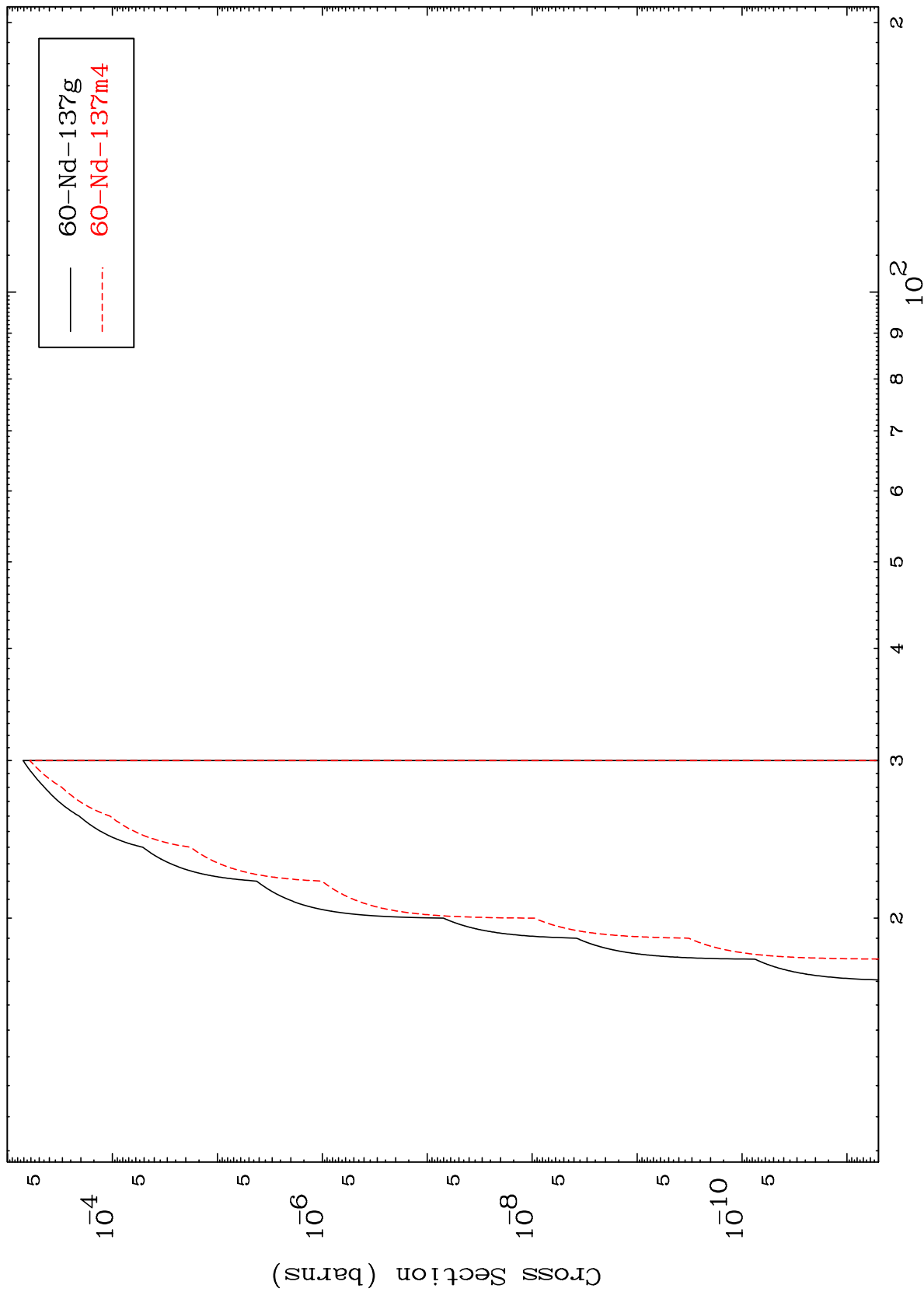
61-Pm-139

MAT 6125

(p,p) d

61-Pm-139

Radionuclide Production Cross Section



20

Incident Energy (MeV)

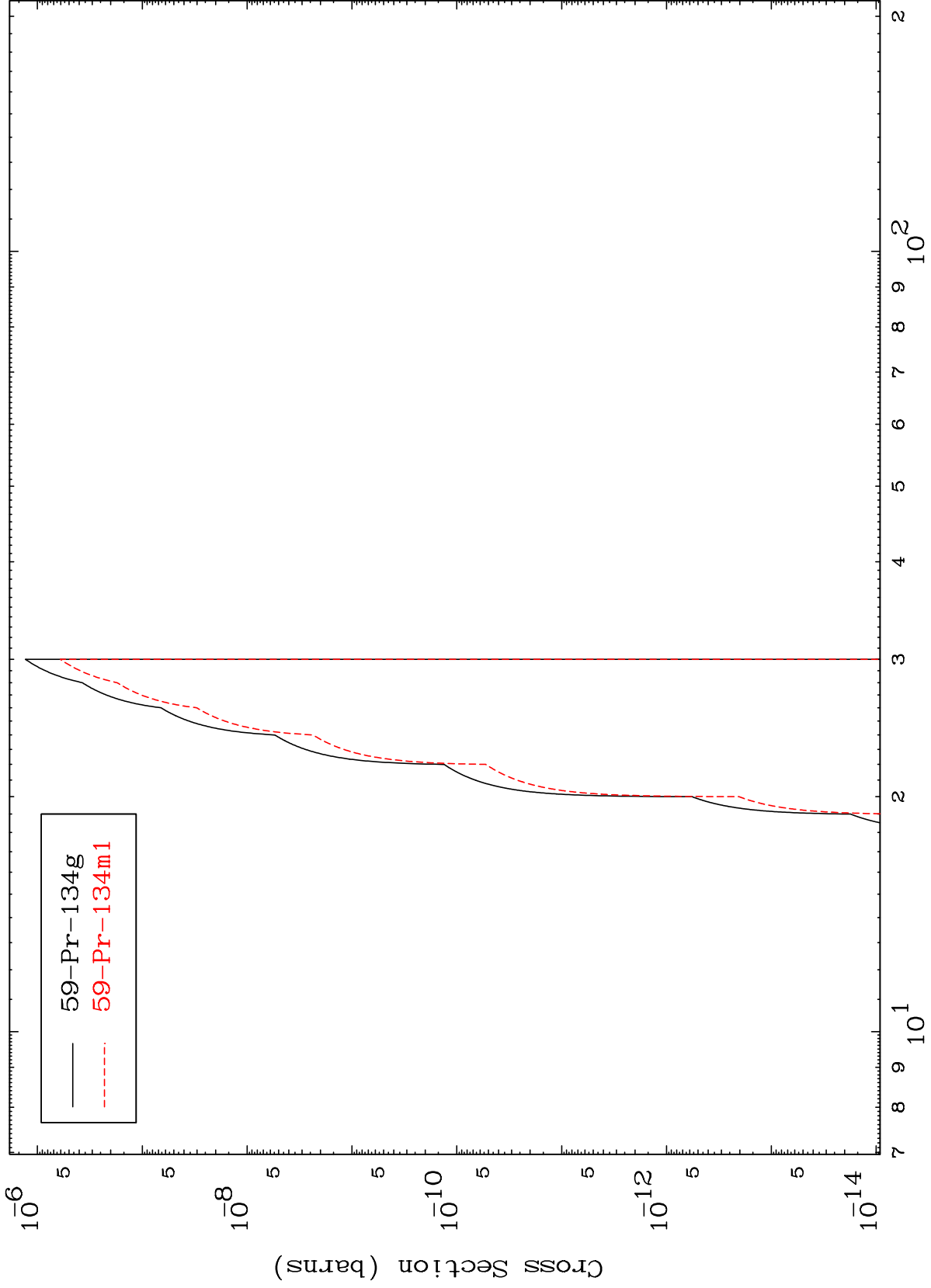
61-Pm-139

MAT 6125

(p,d) α

61-Pm-139

Radionuclide Production Cross Section



21

Incident Energy (MeV)

61-Pm-139