

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

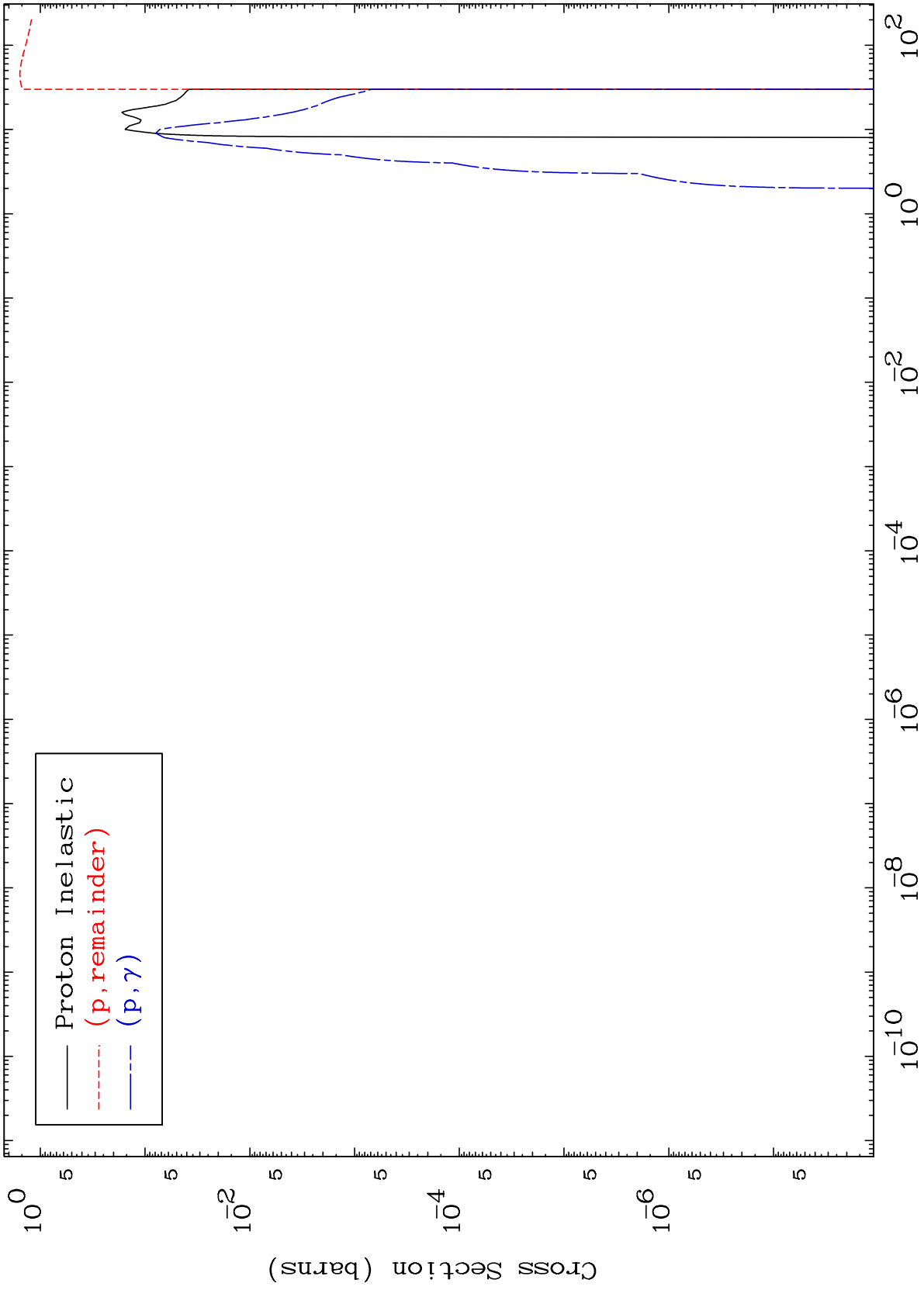
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6113

Proton Major
0 Kelvin Cross Sections

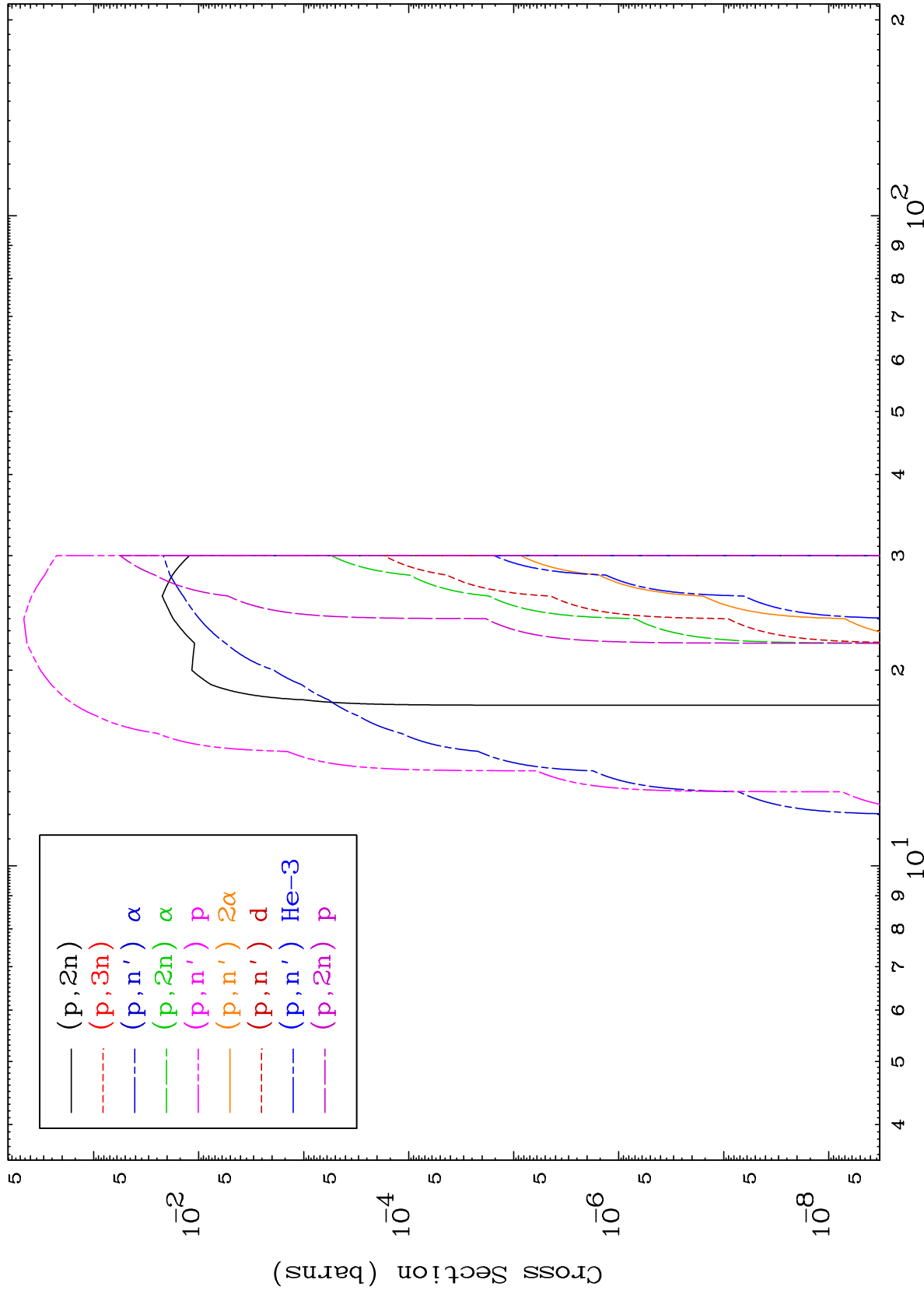
61-Pm-135



1

Incident Energy (MeV)

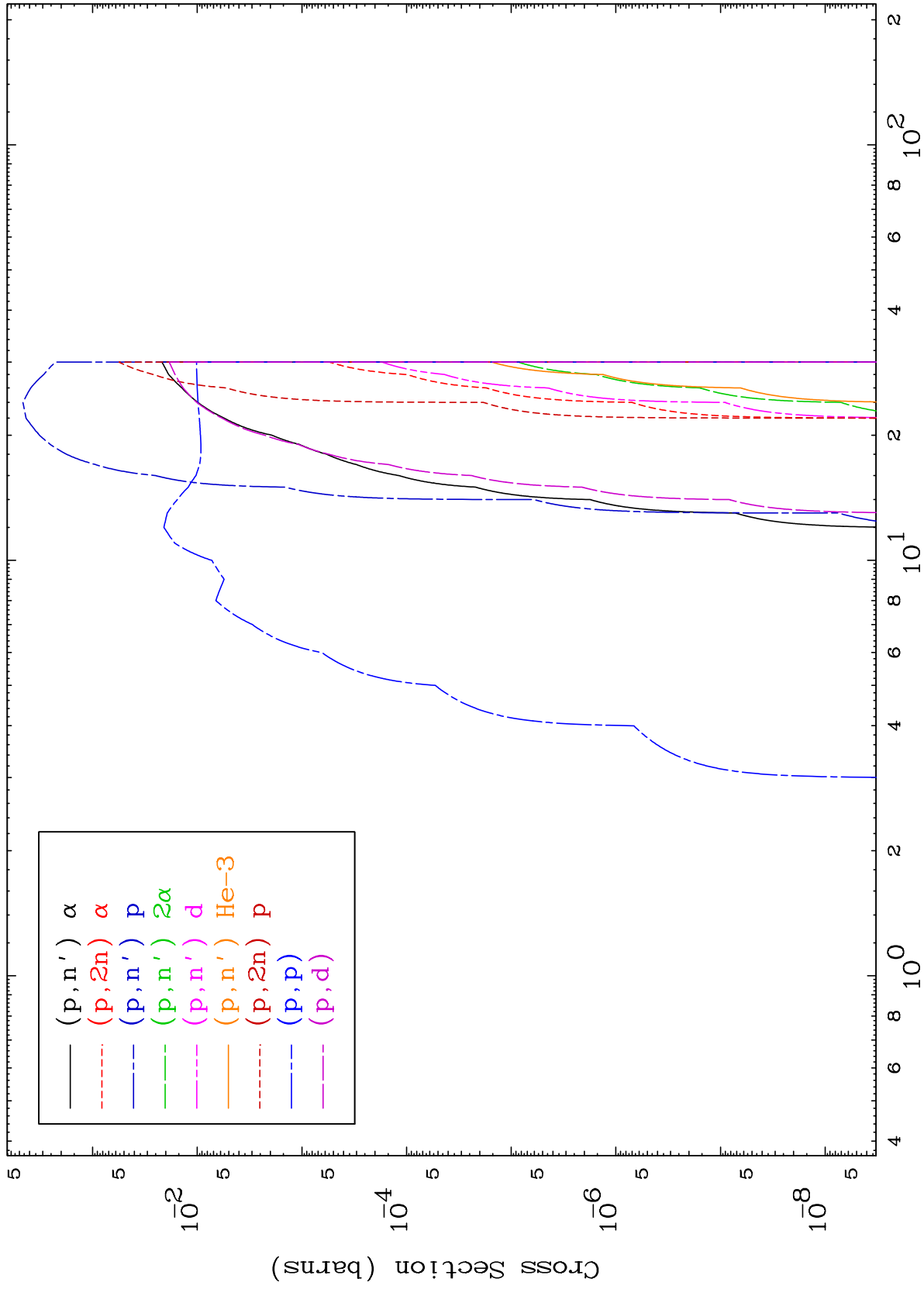
61-Pm-135



MAT 6113

Proton Charged Particle
0 Kelvin Cross Sections

61-Pm-135



3

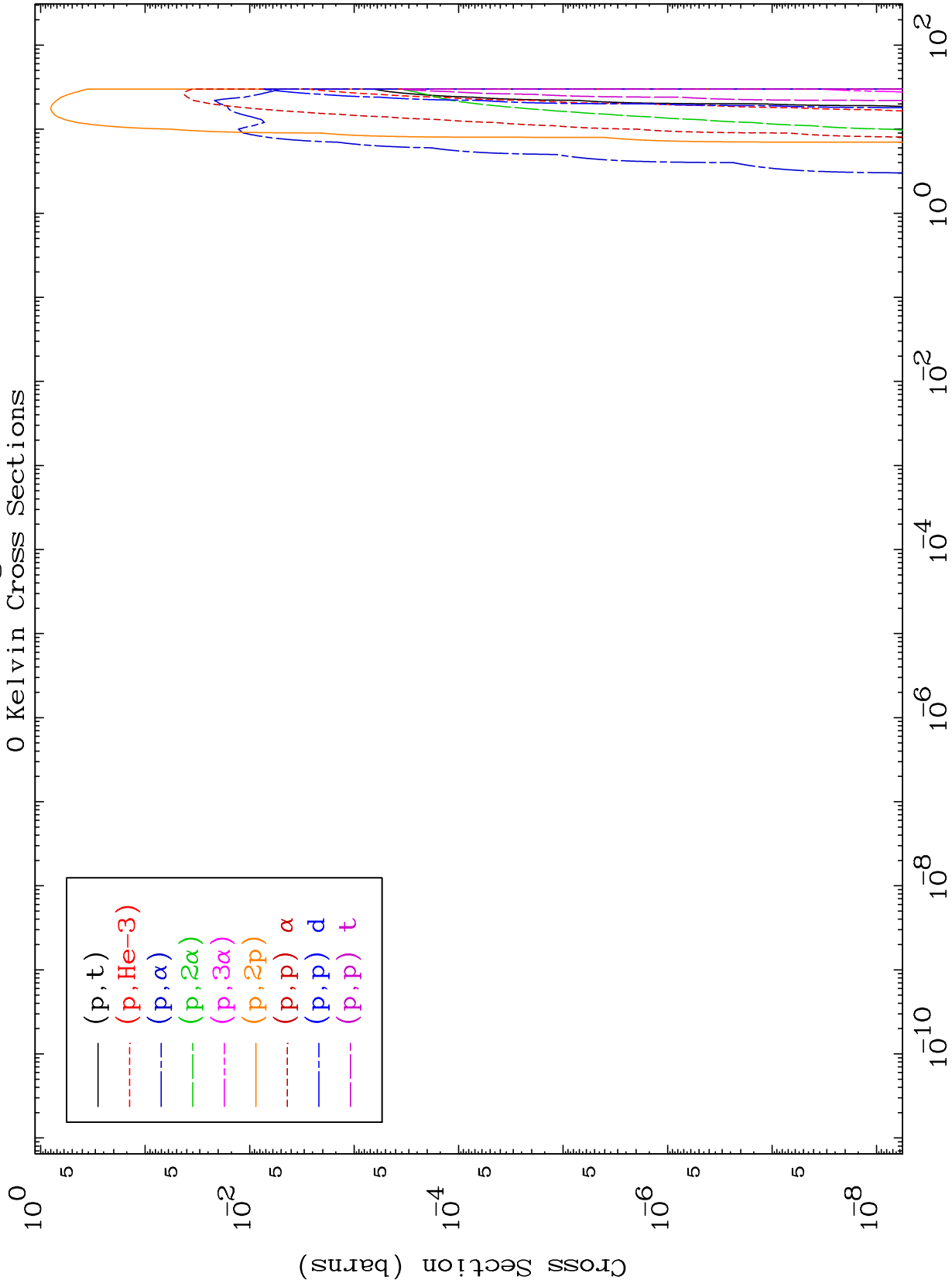
Incident Energy (MeV)

61-Pm-135

MAT 6113

Proton Charged Particle
0 Kelvin Cross Sections

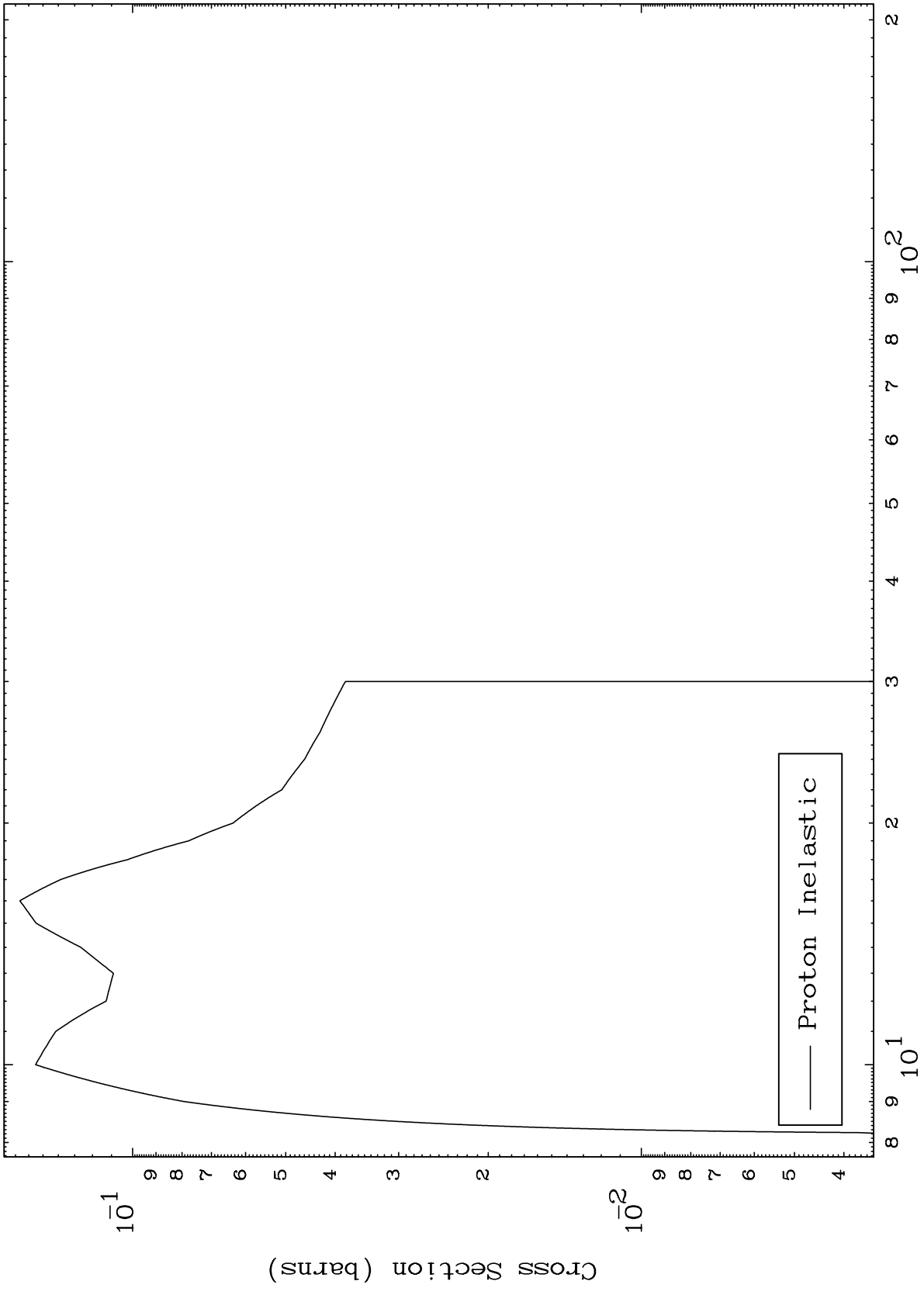
61-Pm-135



MAT 6113

(p,n') Level
0 Kelvin Cross Sections

61-Pm-135



5

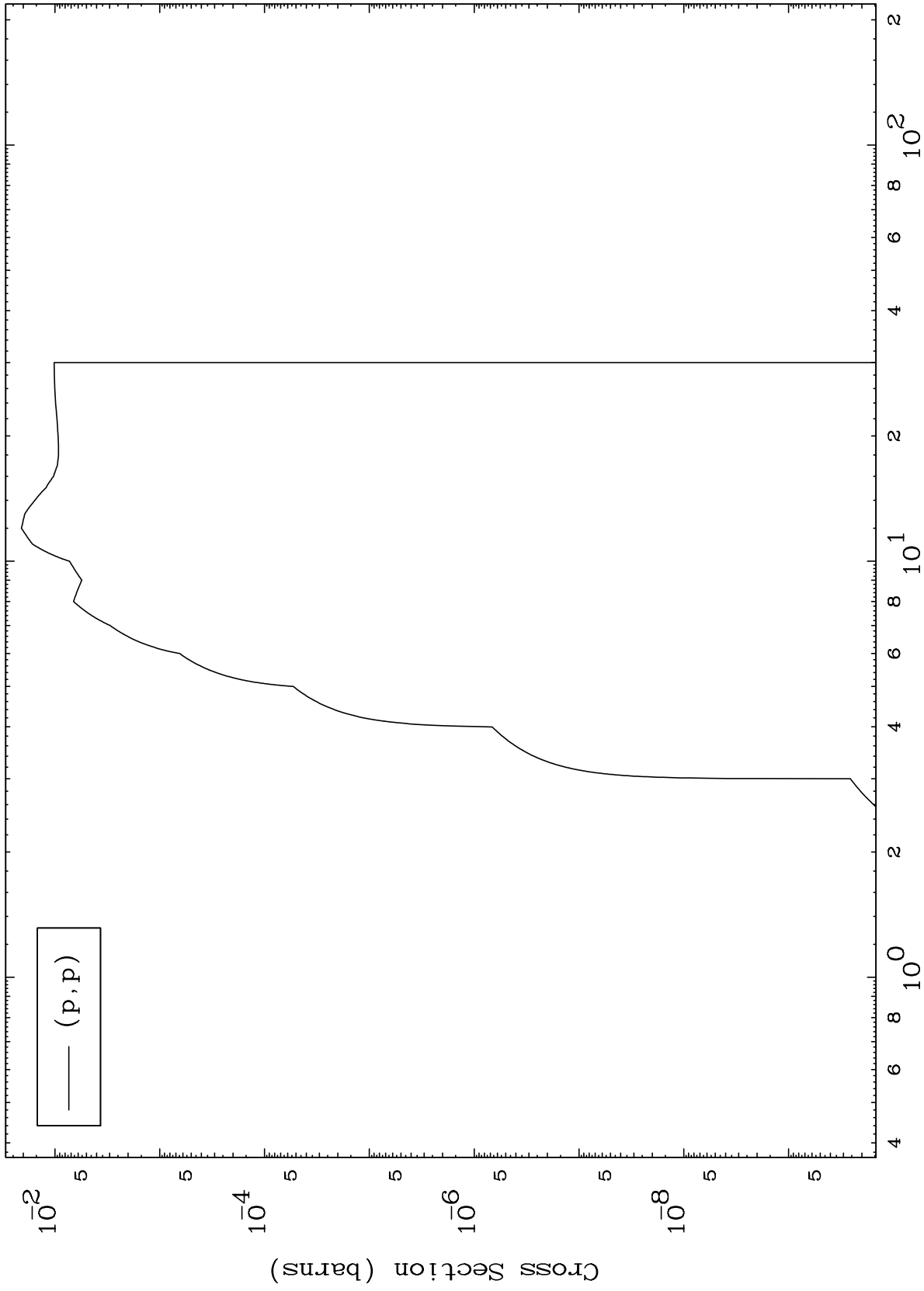
Incident Energy (MeV)

61-Pm-135

MAT 6113

61-Pm-135

(p,p) Levels
0 Kelvin Cross Sections



6

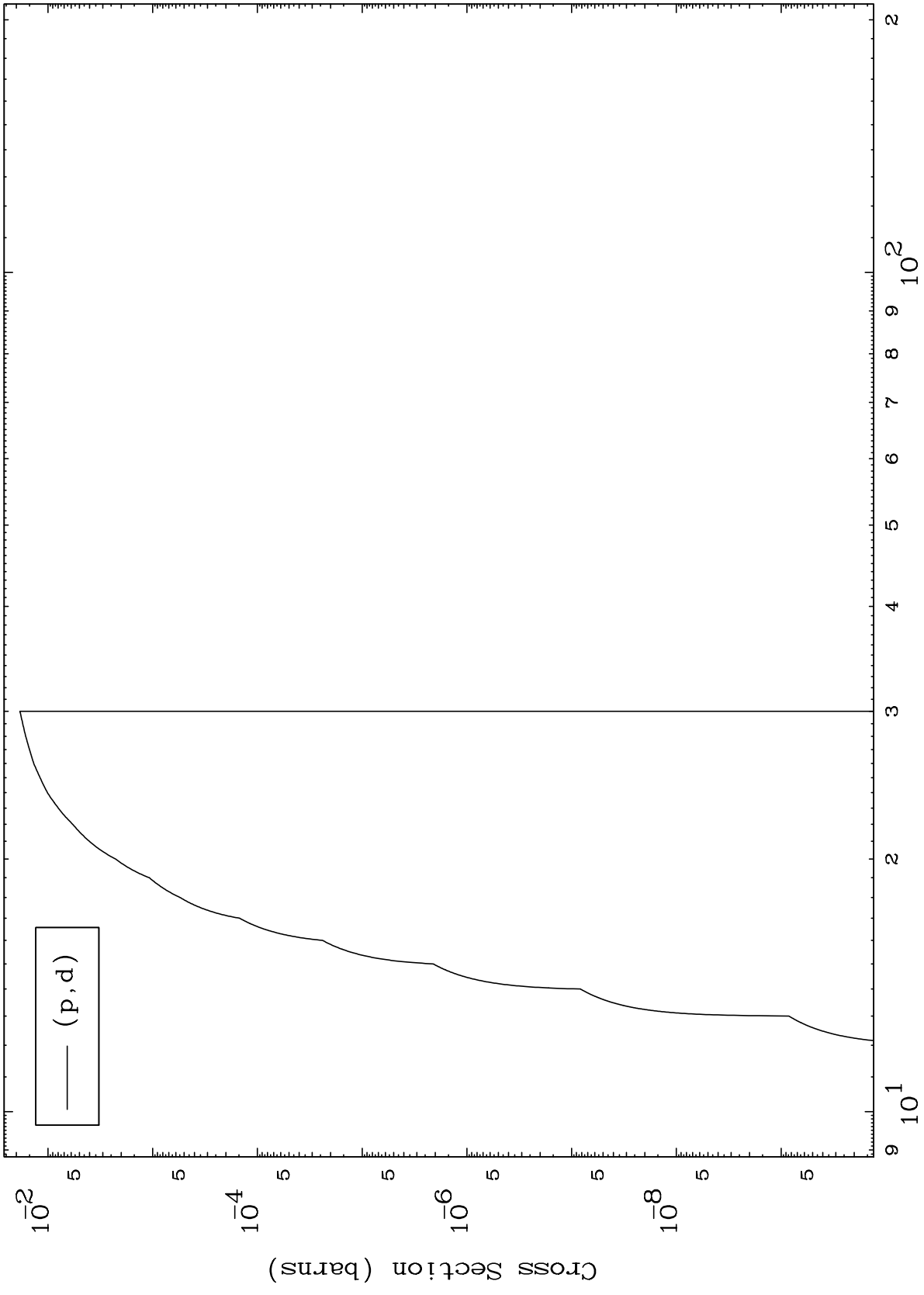
Incident Energy (MeV)

61-Pm-135

MAT 6113

(p,d) Levels
0 Kelvin Cross Sections

61-Pm-135



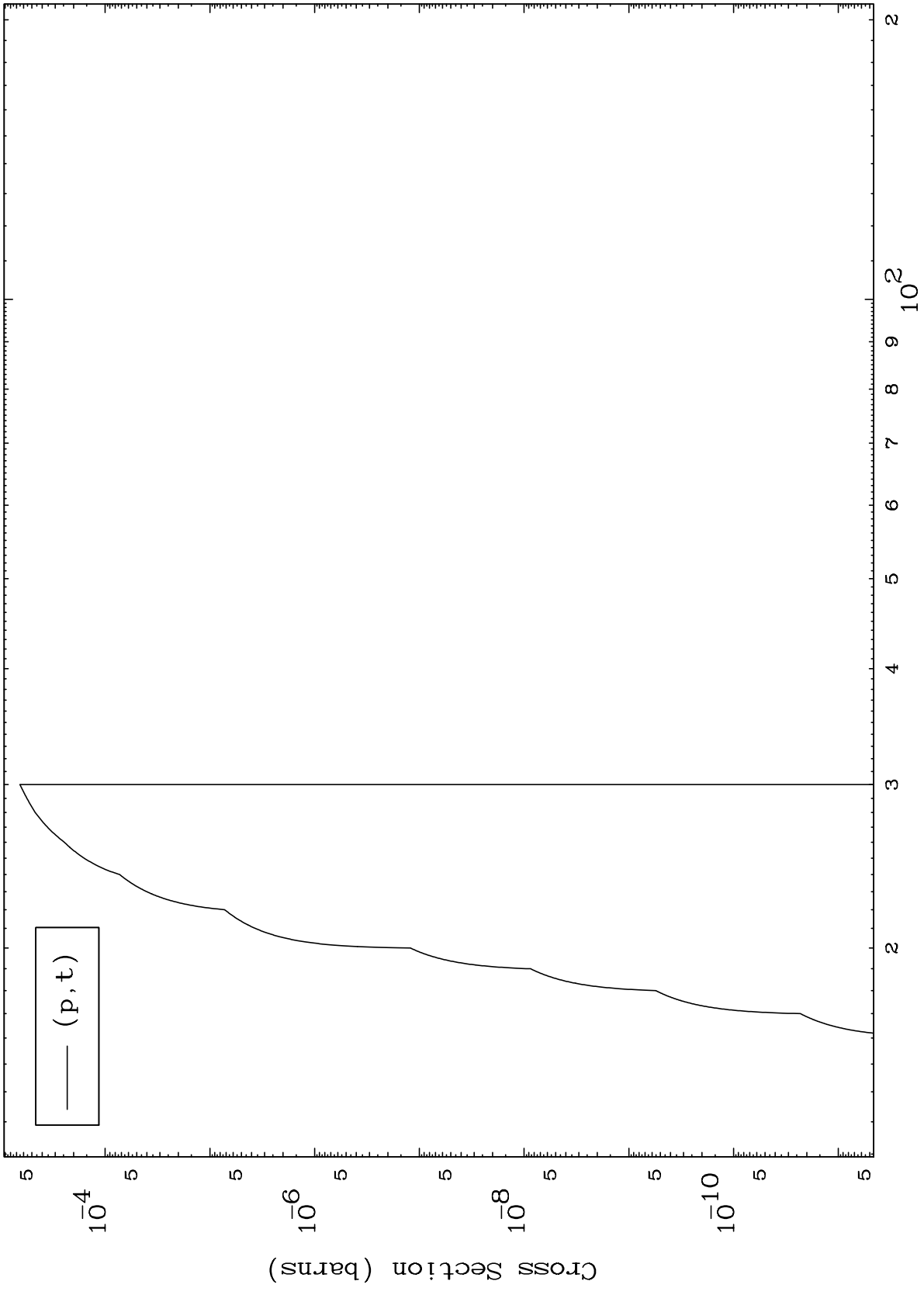
Incident Energy (MeV)

61-Pm-135

MAT 6113

(p,t) Levels
0 Kelvin Cross Sections

61-Pm-135



8

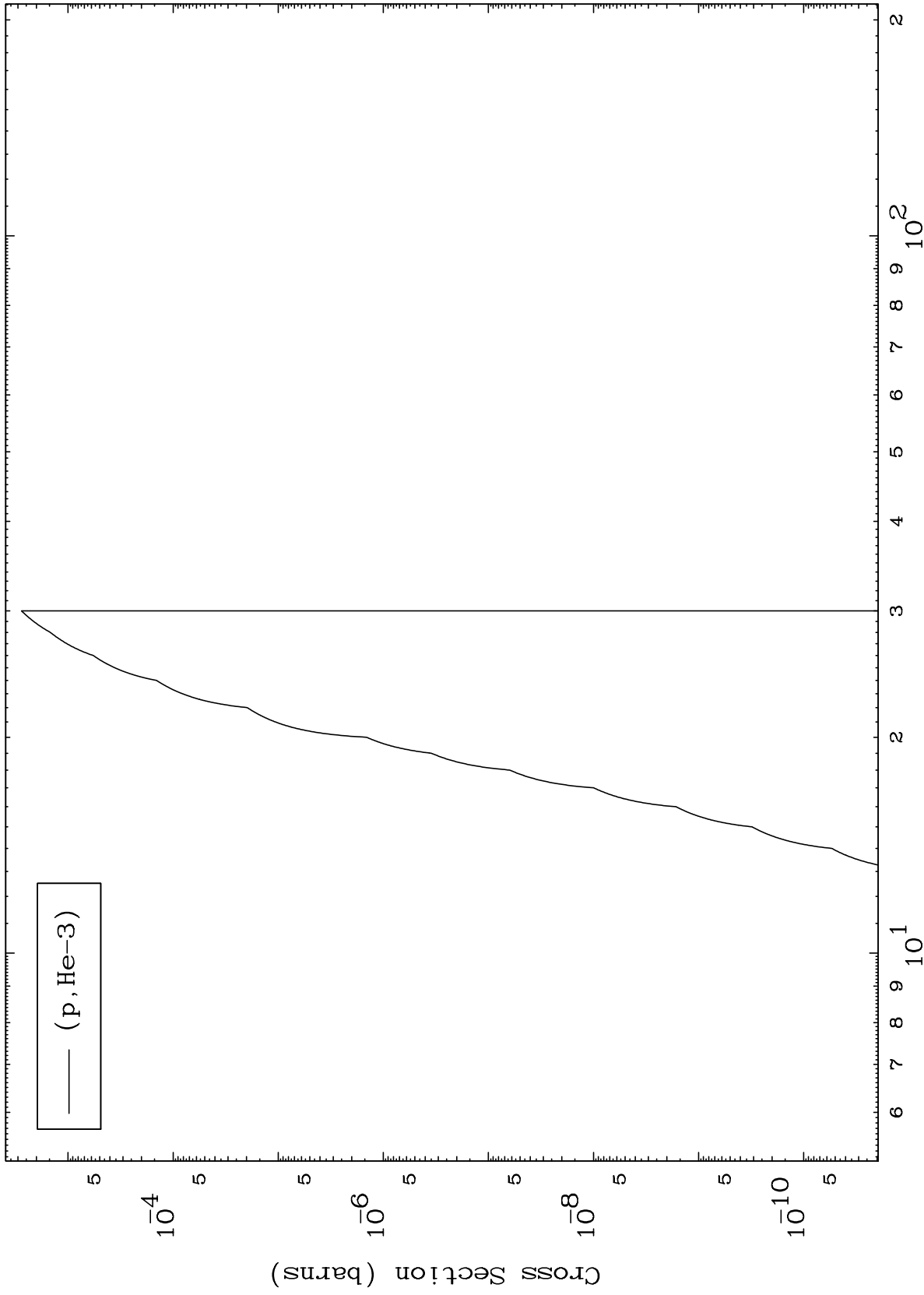
Incident Energy (MeV)

61-Pm-135

MAT 6113

(p,He3) Levels
0 Kelvin Cross Sections

61-Pm-135



9

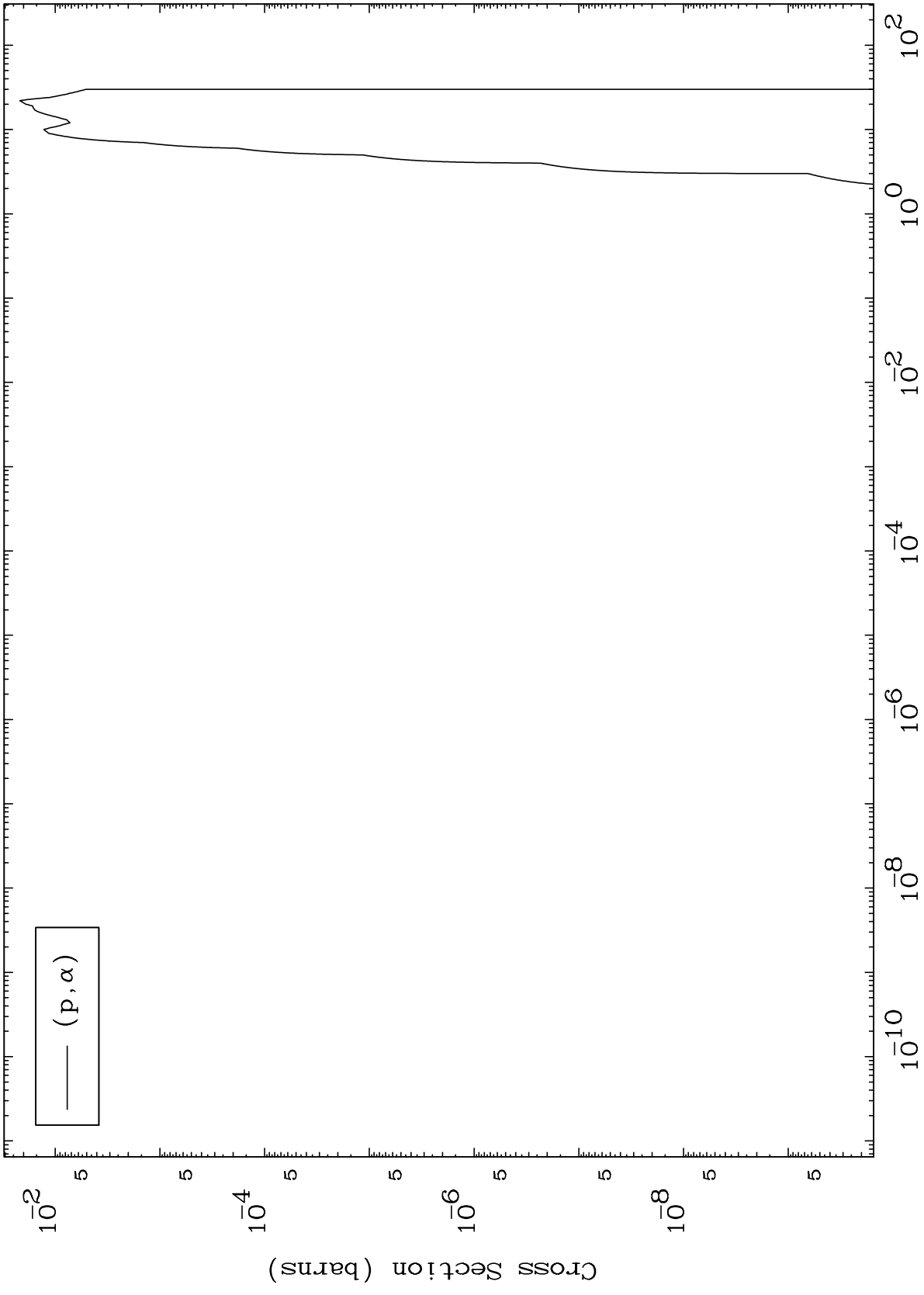
Incident Energy (MeV)

61-Pm-135

MAT 6113

(p,α) Levels
0 Kelvin Cross Sections

61-Pm-135



10

Incident Energy (MeV)

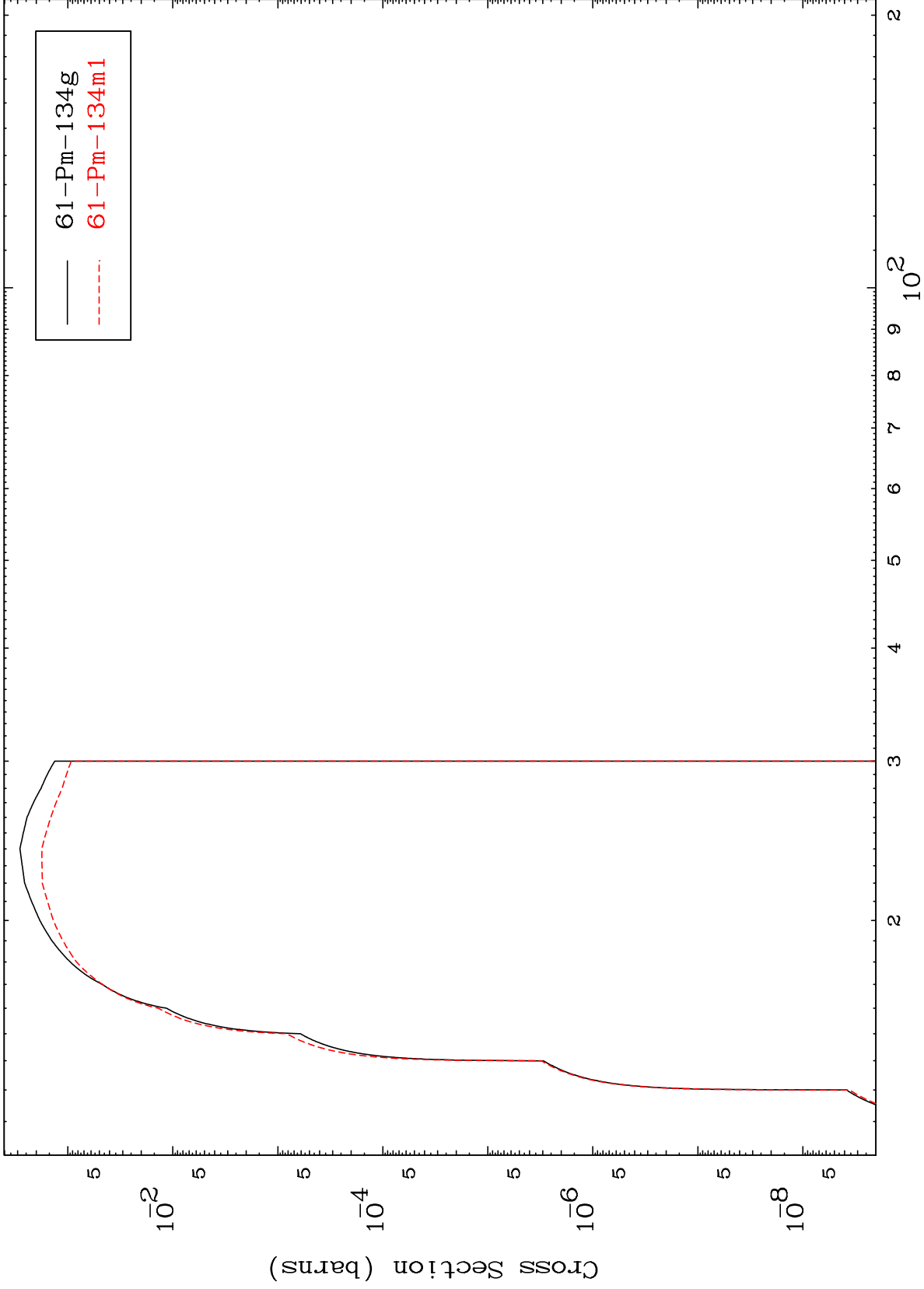
61-Pm-135

MAT 6113

(p,n') p

61-Pm-135

Radionuclide Production Cross Section



11

Incident Energy (MeV)

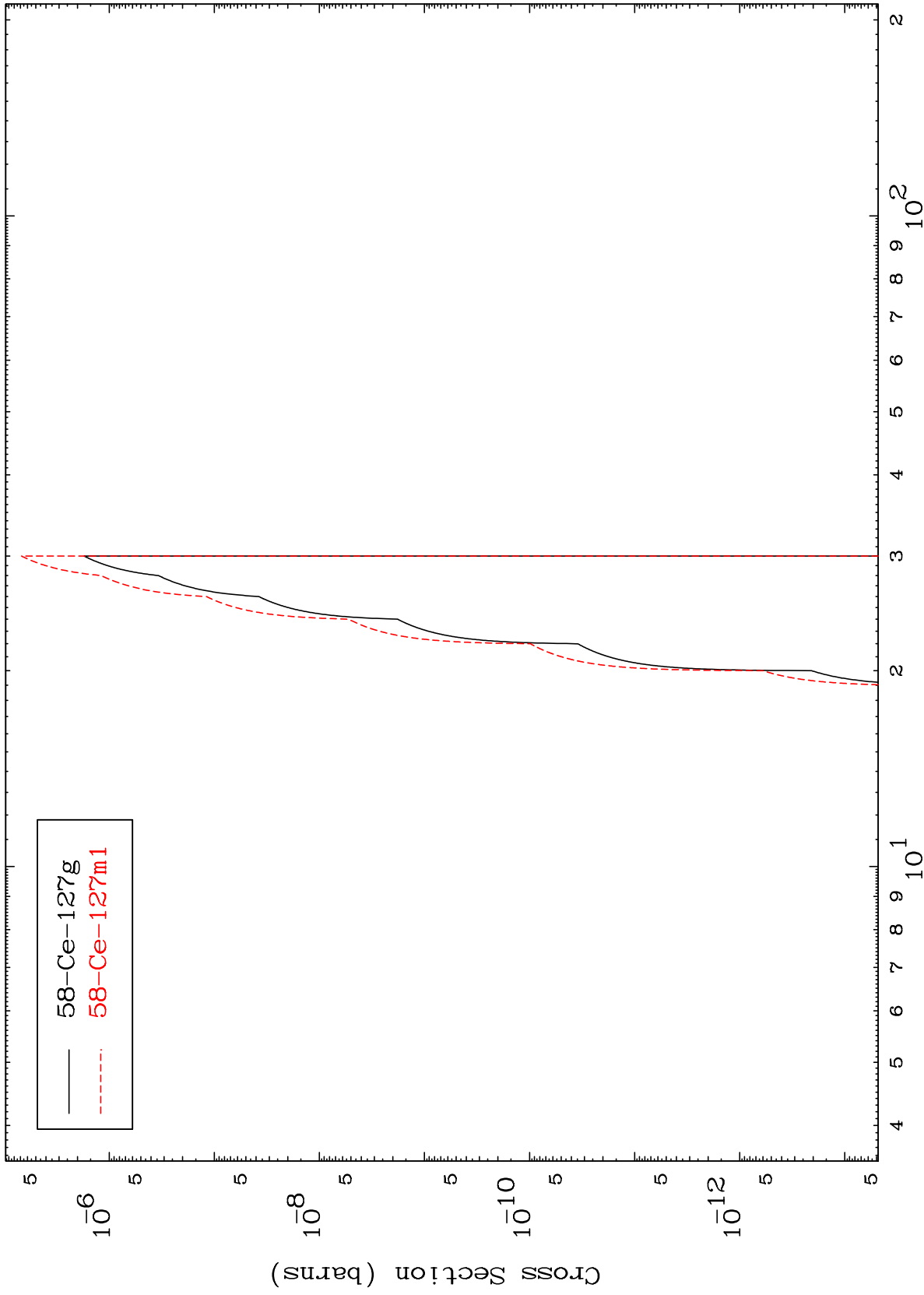
61-Pm-135

MAT 6113

(p,n') 2 α

61-Pm-135

Radionuclide Production Cross Section



58-Ce-127g
58-Ce-127m1

12

Incident Energy (MeV)

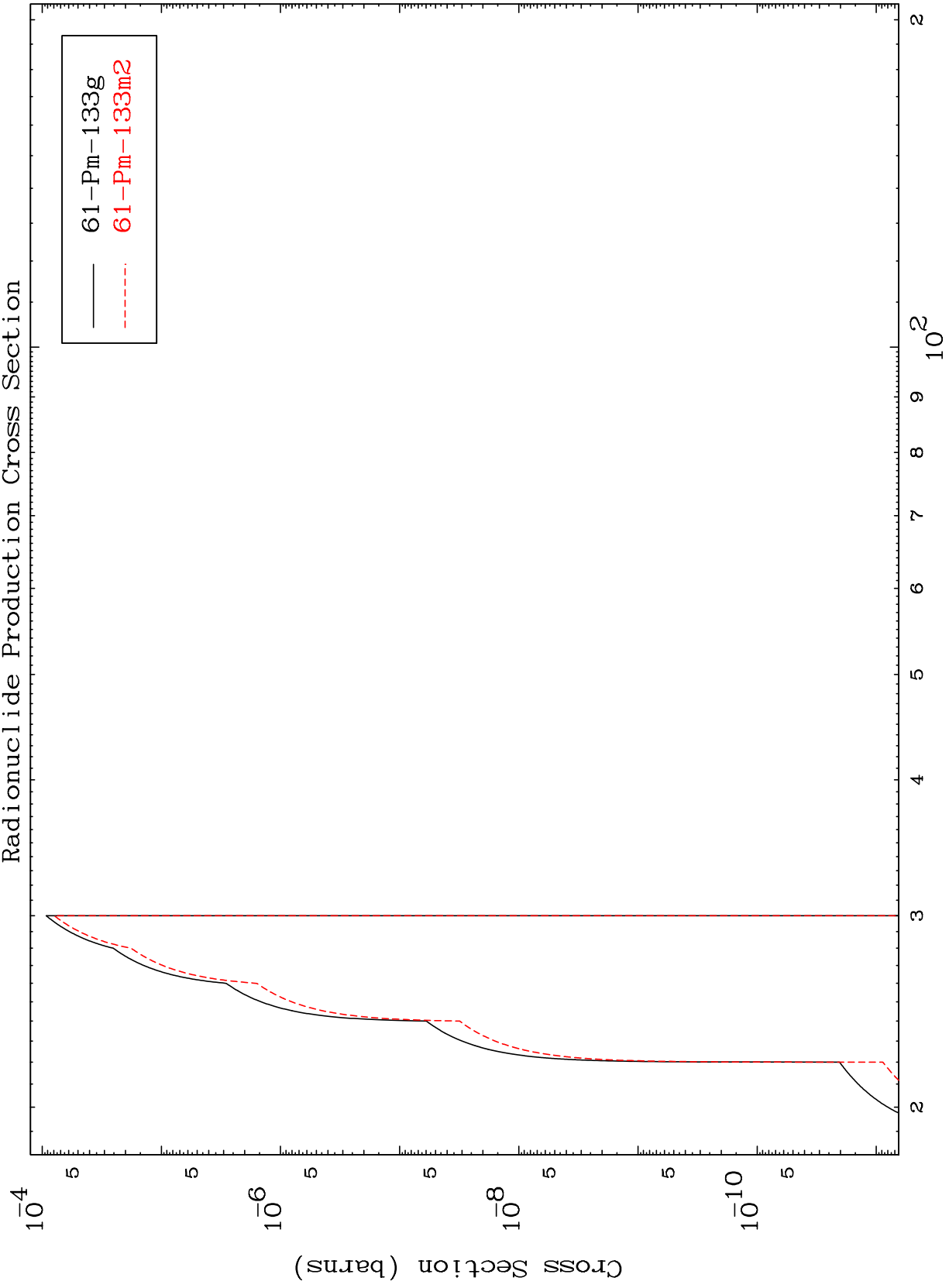
61-Pm-135

MAT 6113

(p,n') d

61-Pm-135

Radionuclide Production Cross Section



13

Incident Energy (MeV)

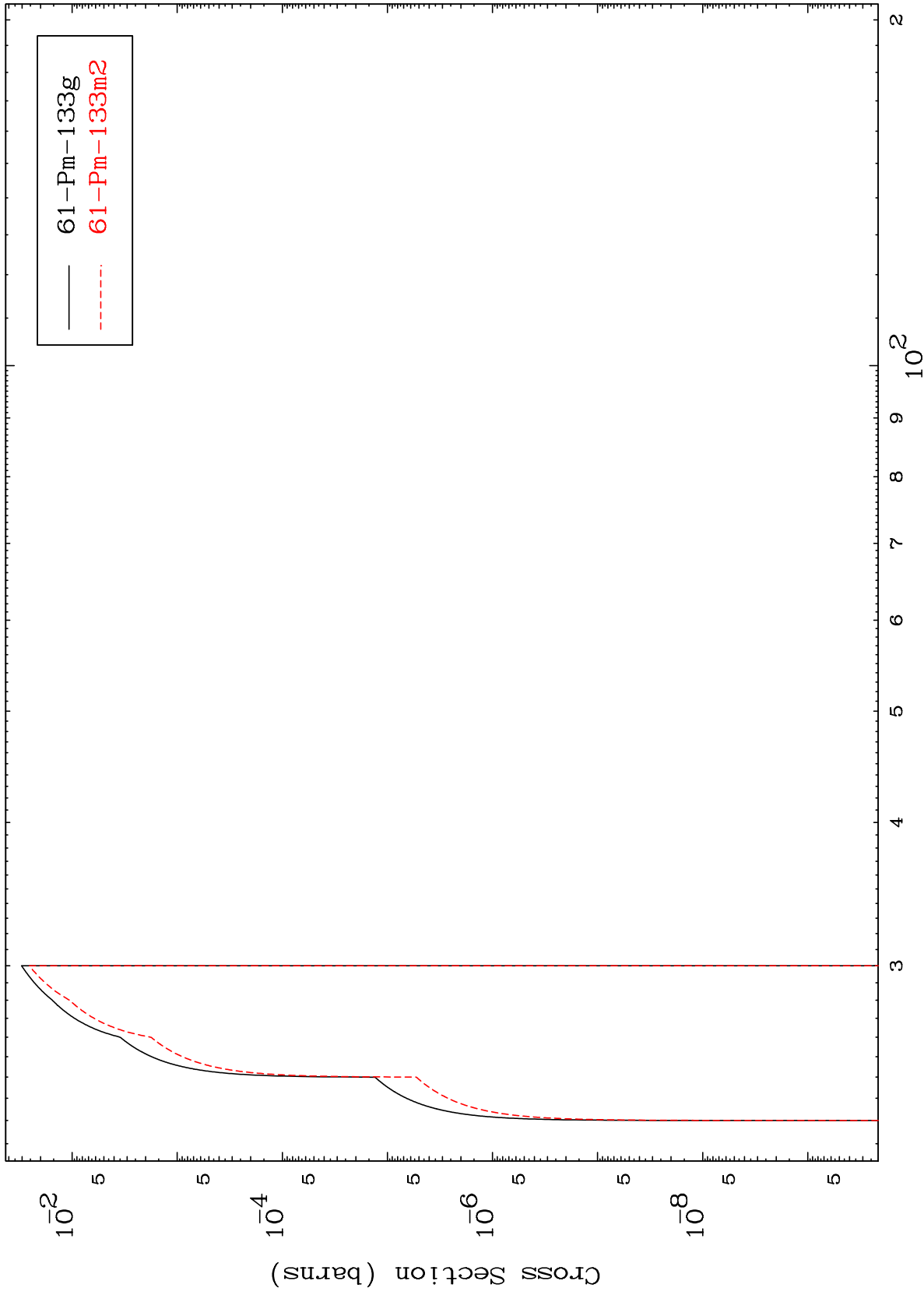
61-Pm-135

MAT 6113

(p,2n) p

61-Pm-135

Radionuclide Production Cross Section



14

Incident Energy (MeV)

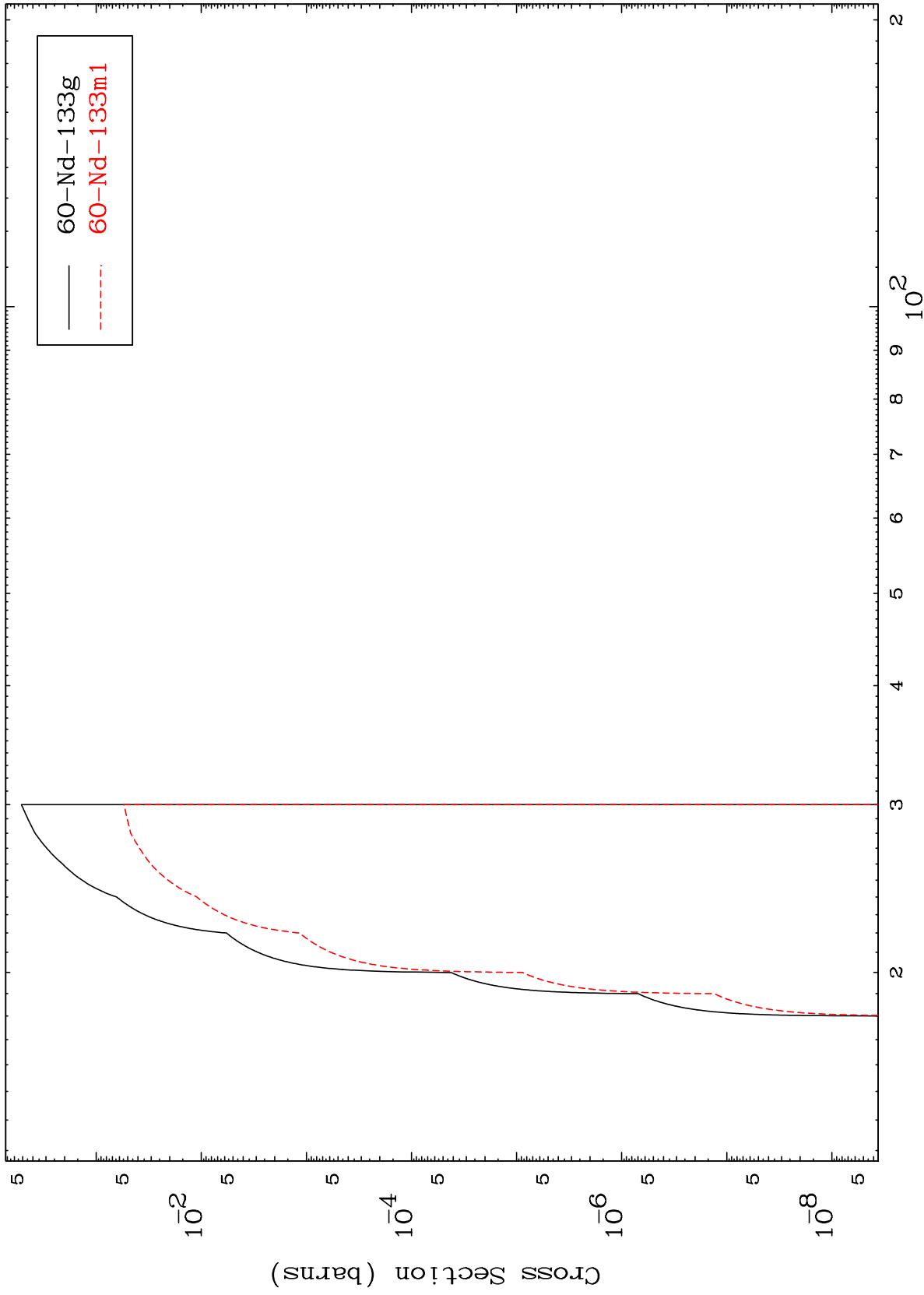
61-Pm-135

MAT 6113

(p,2n) p

61-Pm-135

Radionuclide Production Cross Section



15

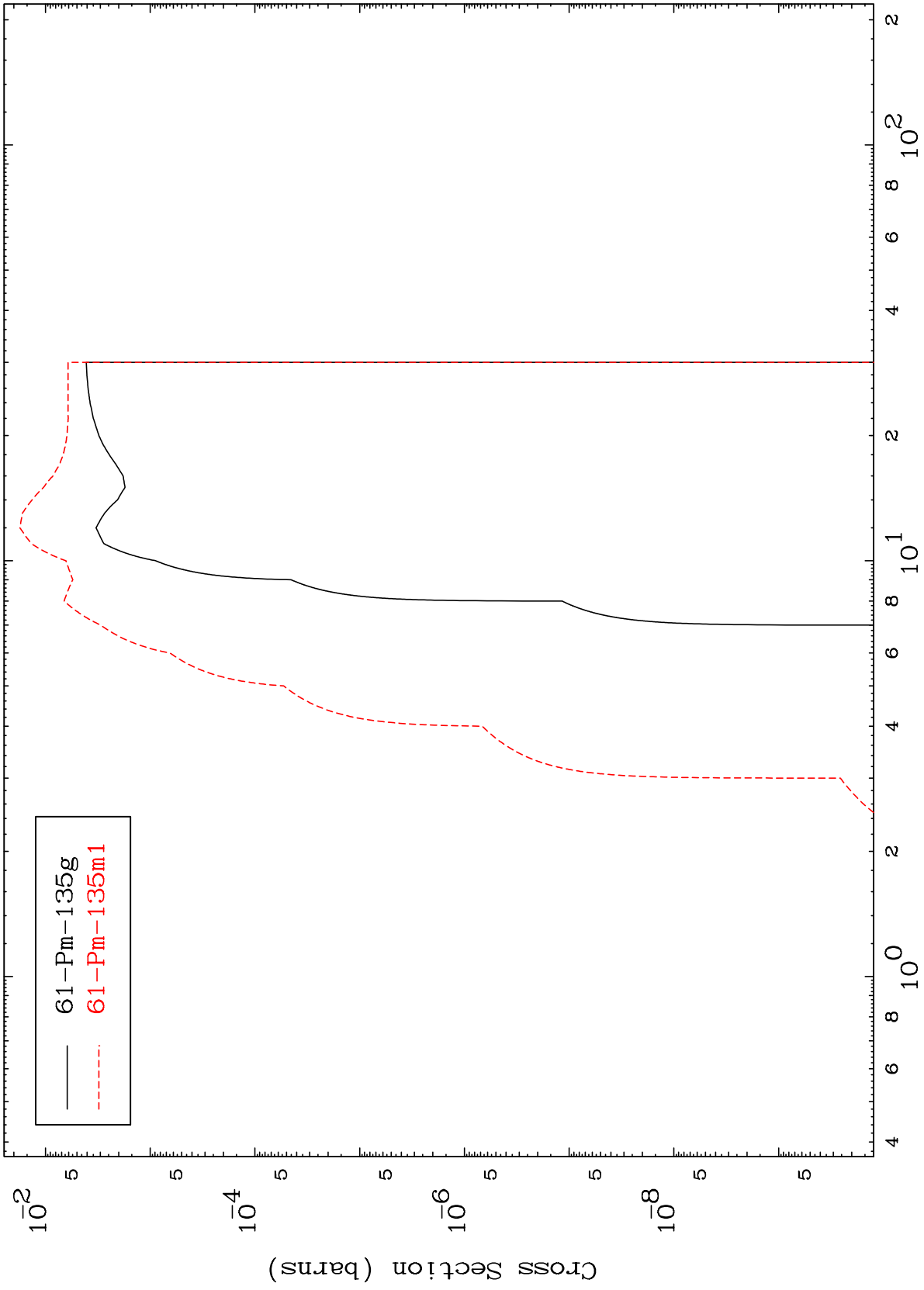
Incident Energy (MeV)

61-Pm-135

MAT 6113

61-Pm-135

Radionuclide Production Cross Section (p,p)



16

Incident Energy (MeV)

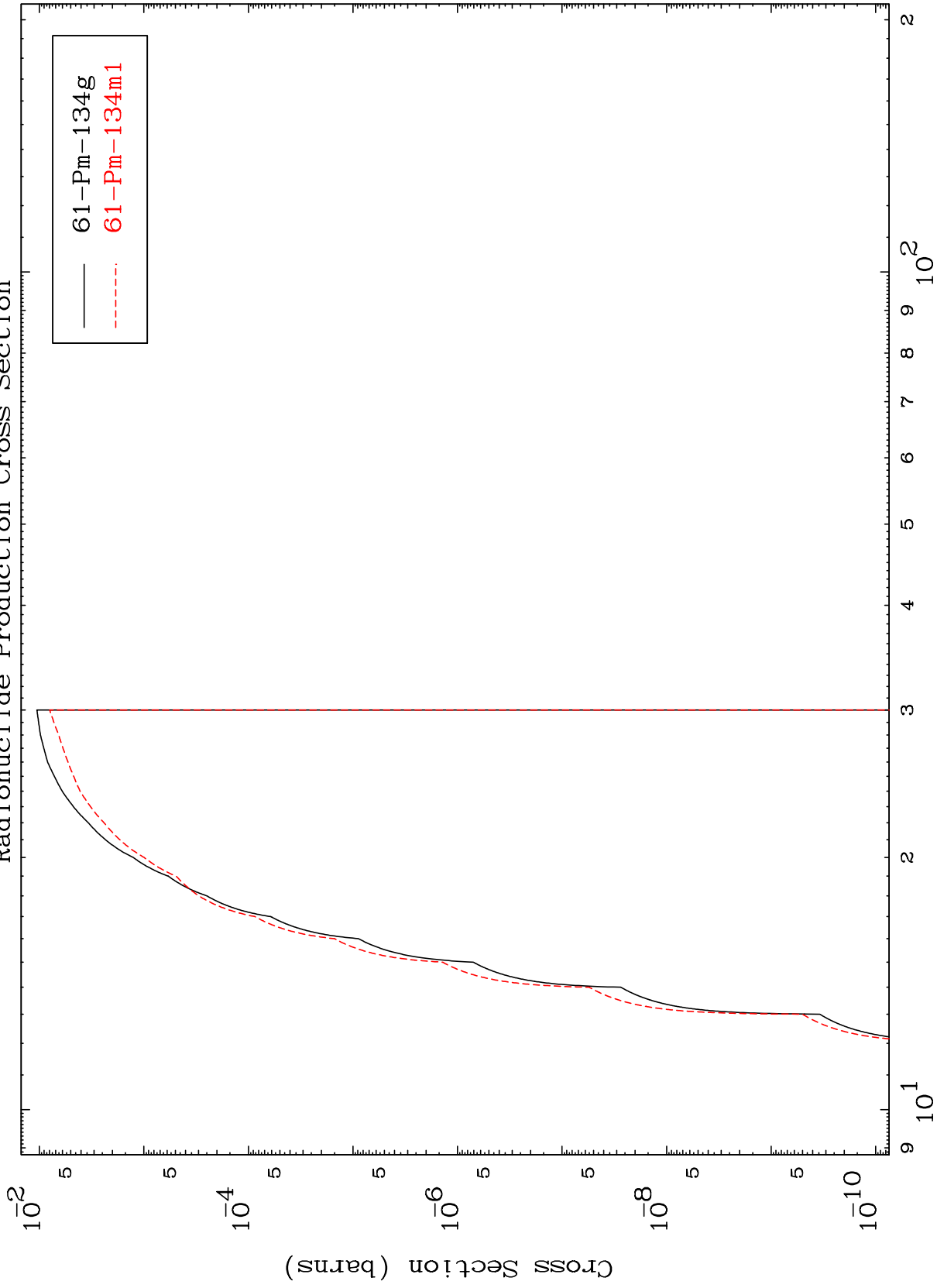
61-Pm-135

MAT 6113

(p,d)

61-Pm-135

Radionuclide Production Cross Section



17

Incident Energy (MeV)

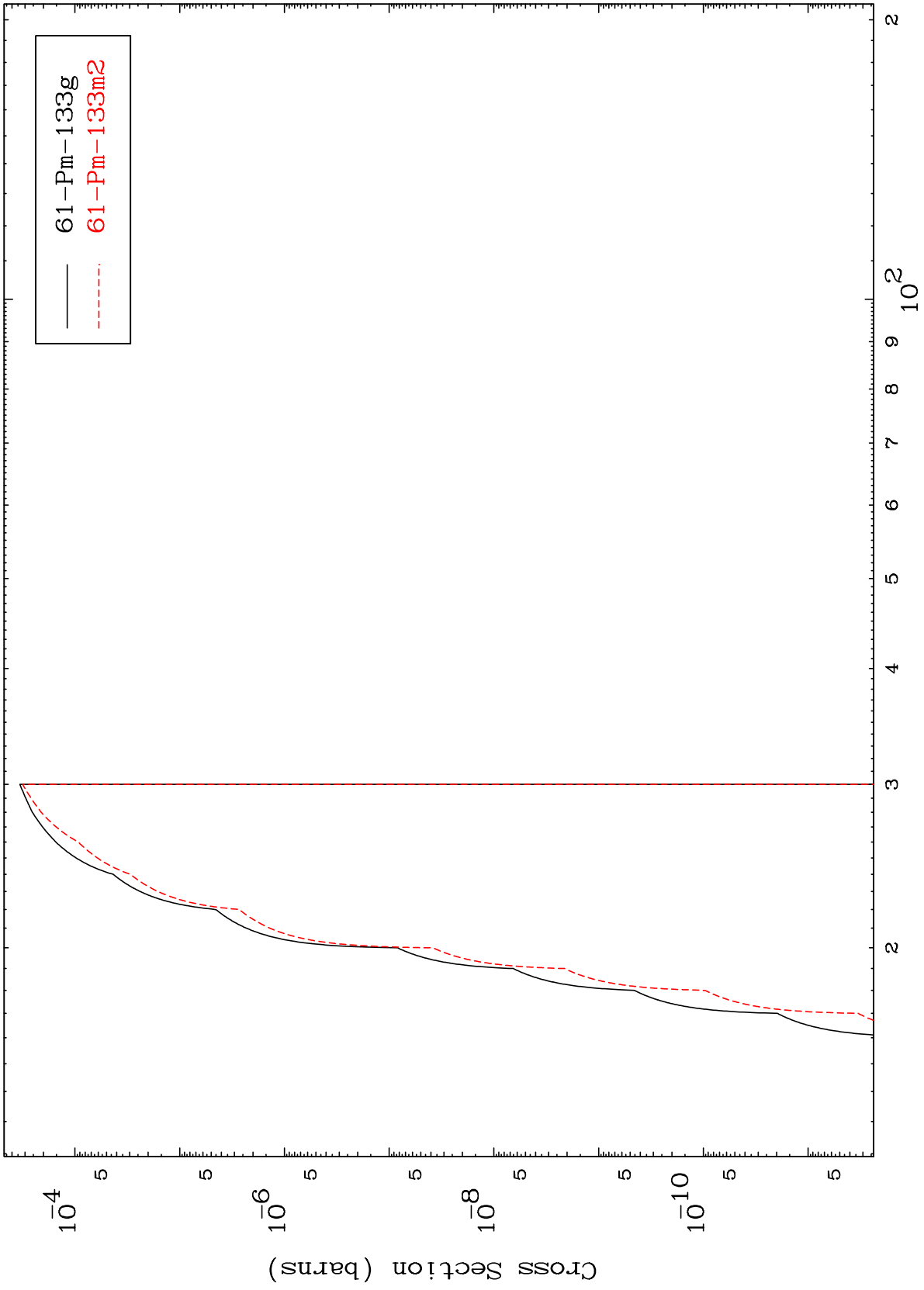
61-Pm-135

MAT 6113

(p, t)

61-Pm-135

Radionuclide Production Cross Section



18

Incident Energy (MeV)

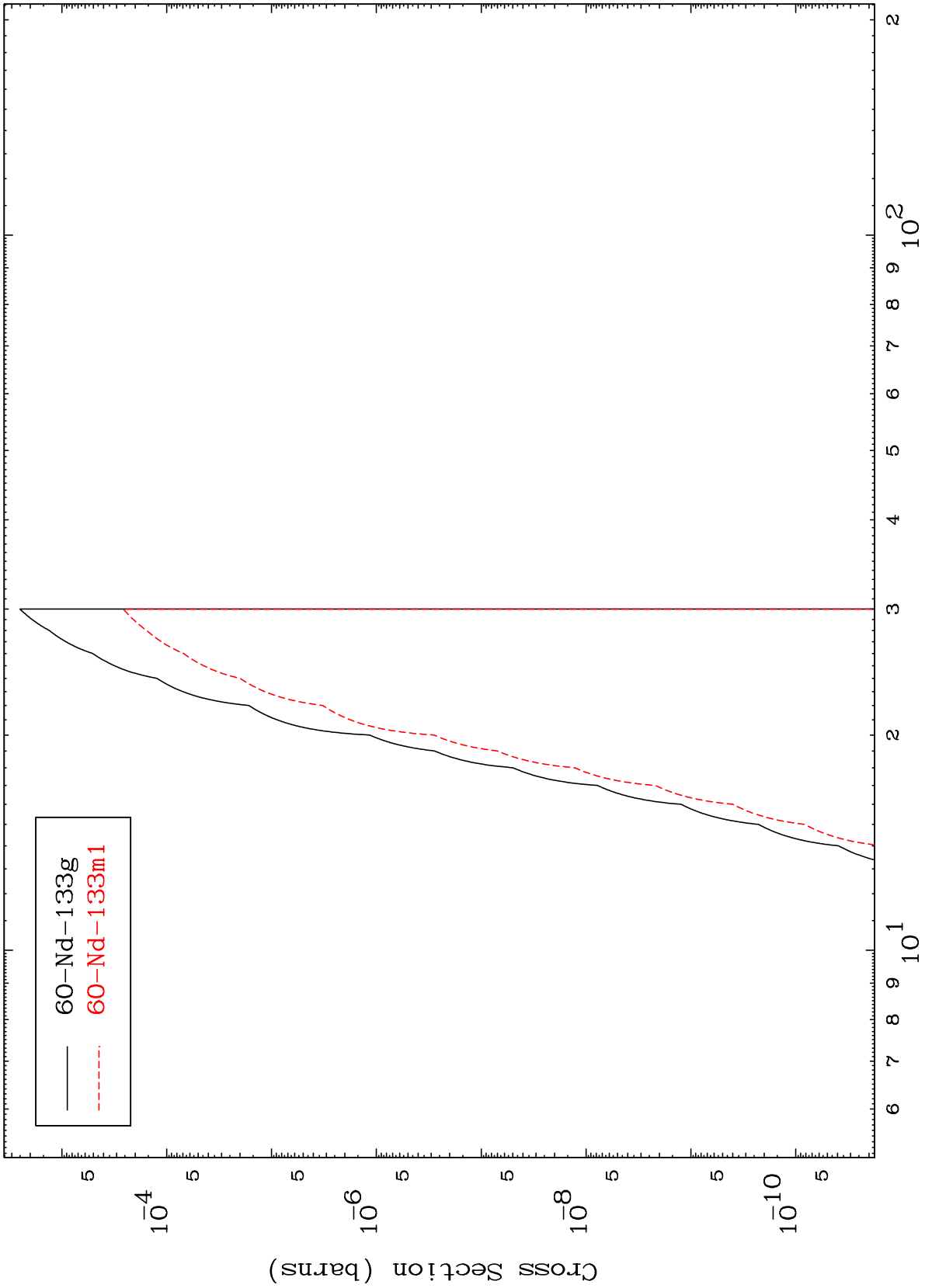
61-Pm-135

MAT 6113

(p,He-3)

61-Pm-135

Radionuclide Production Cross Section



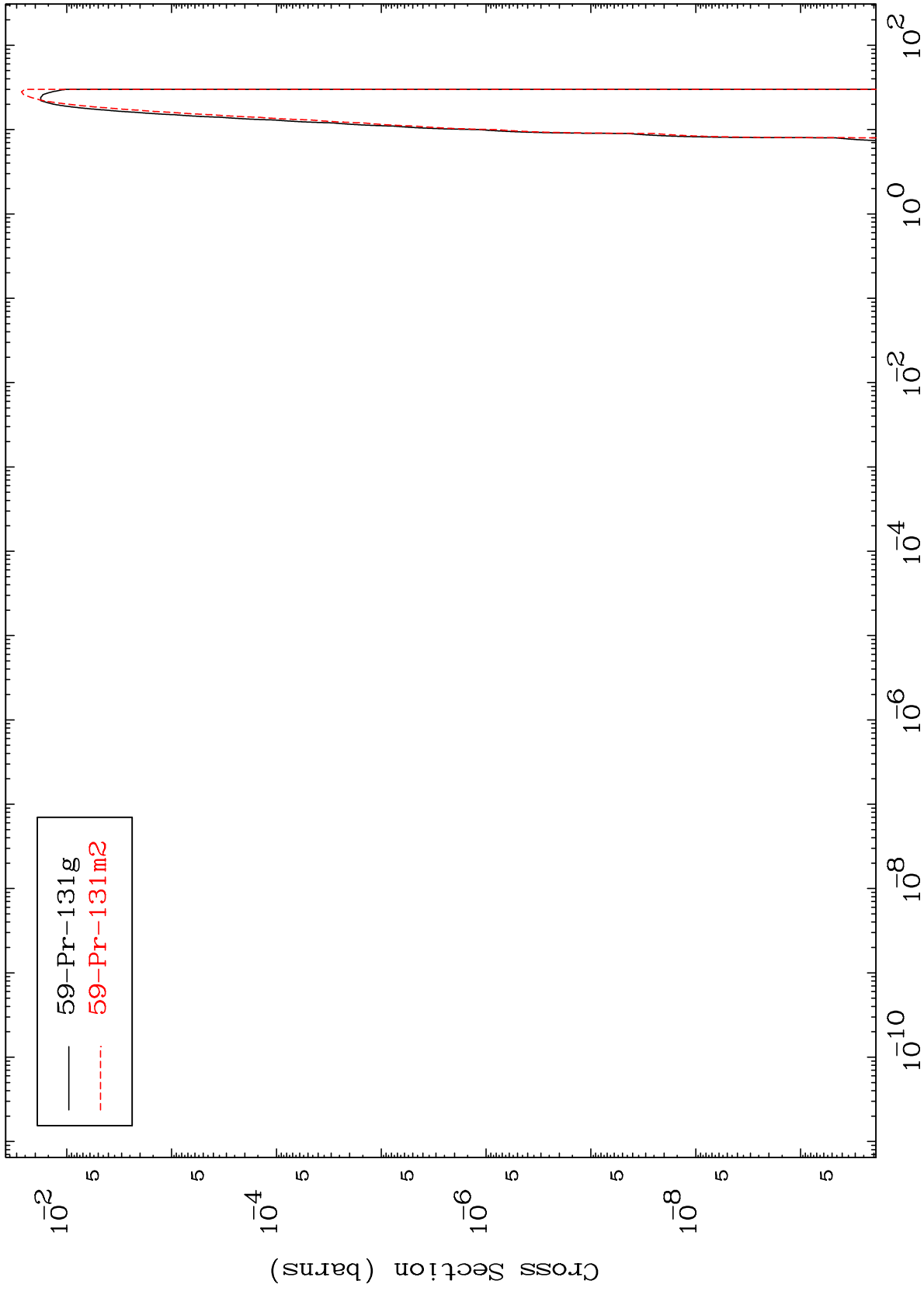
60-Nd-133g
60-Nd-133m1

MAT 6113

(p,p) α

61-Pm-135

Radionuclide Production Cross Section



20

Incident Energy (MeV)

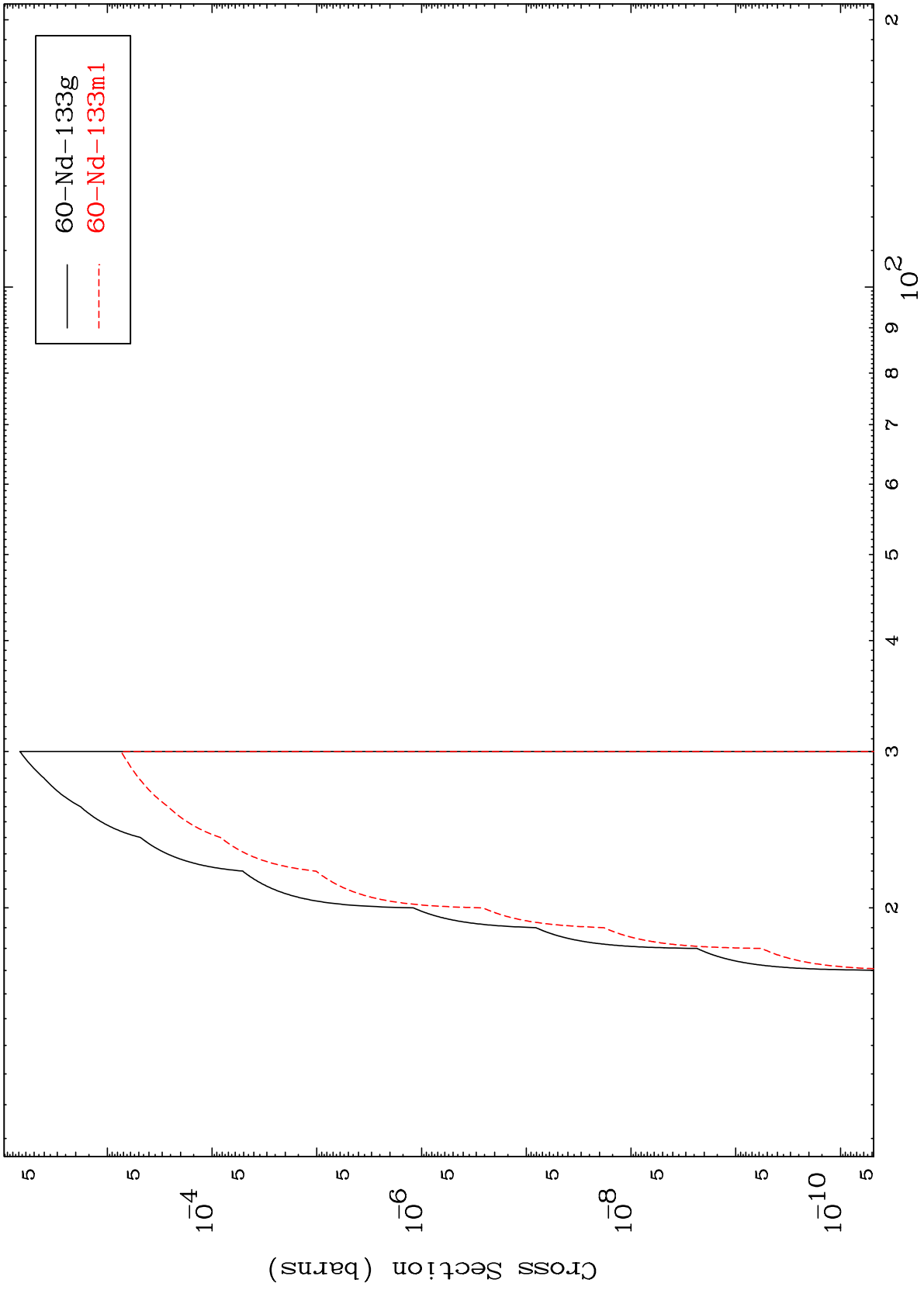
61-Pm-135

MAT 6113

(p,p) d

61-Pm-135

Radionuclide Production Cross Section



21

Incident Energy (MeV)

61-Pm-135