

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

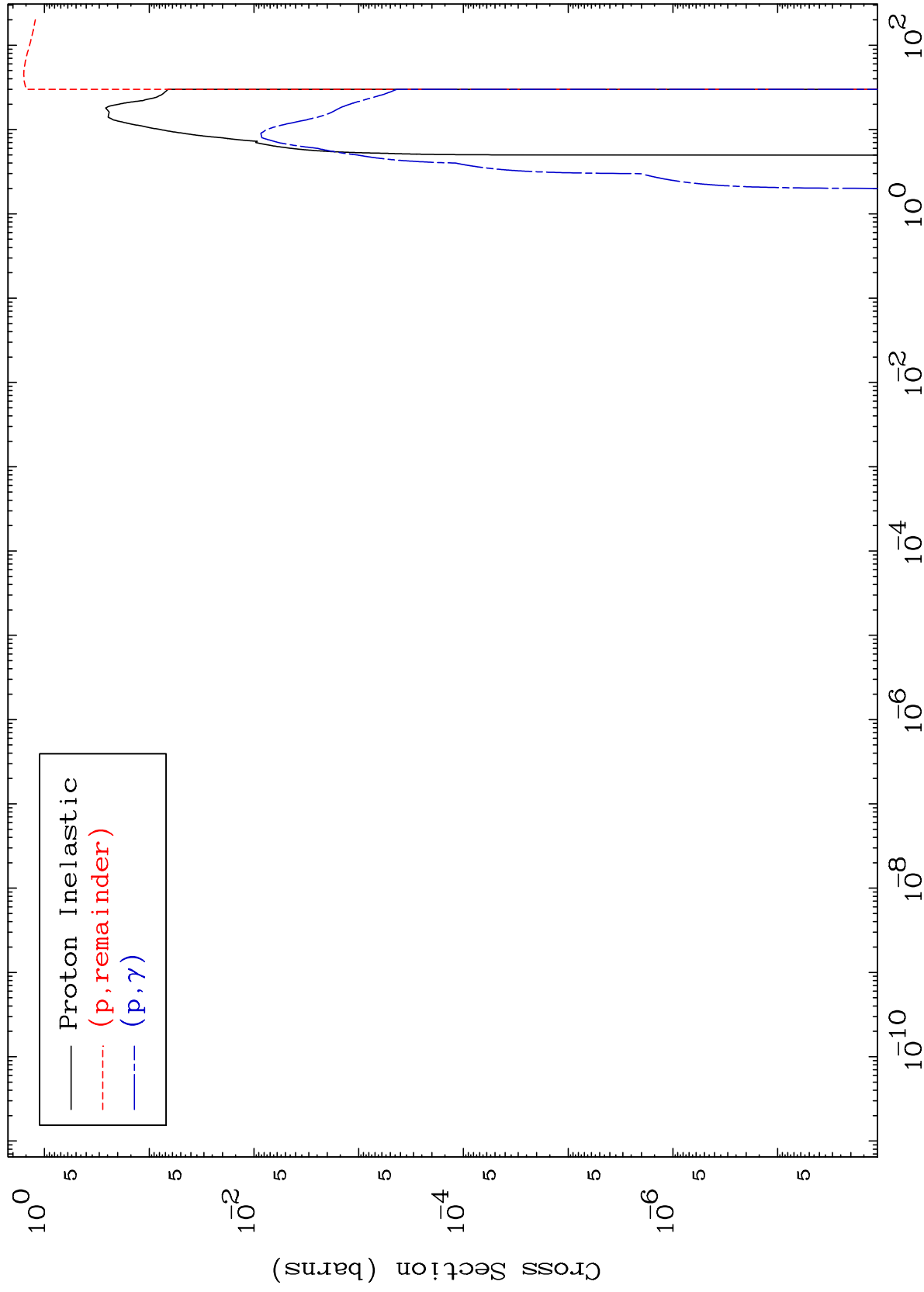
Press Mouse Button to Start

MAT 6117

Proton Major

61-Pm-136

0 Kelvin Cross Sections



1

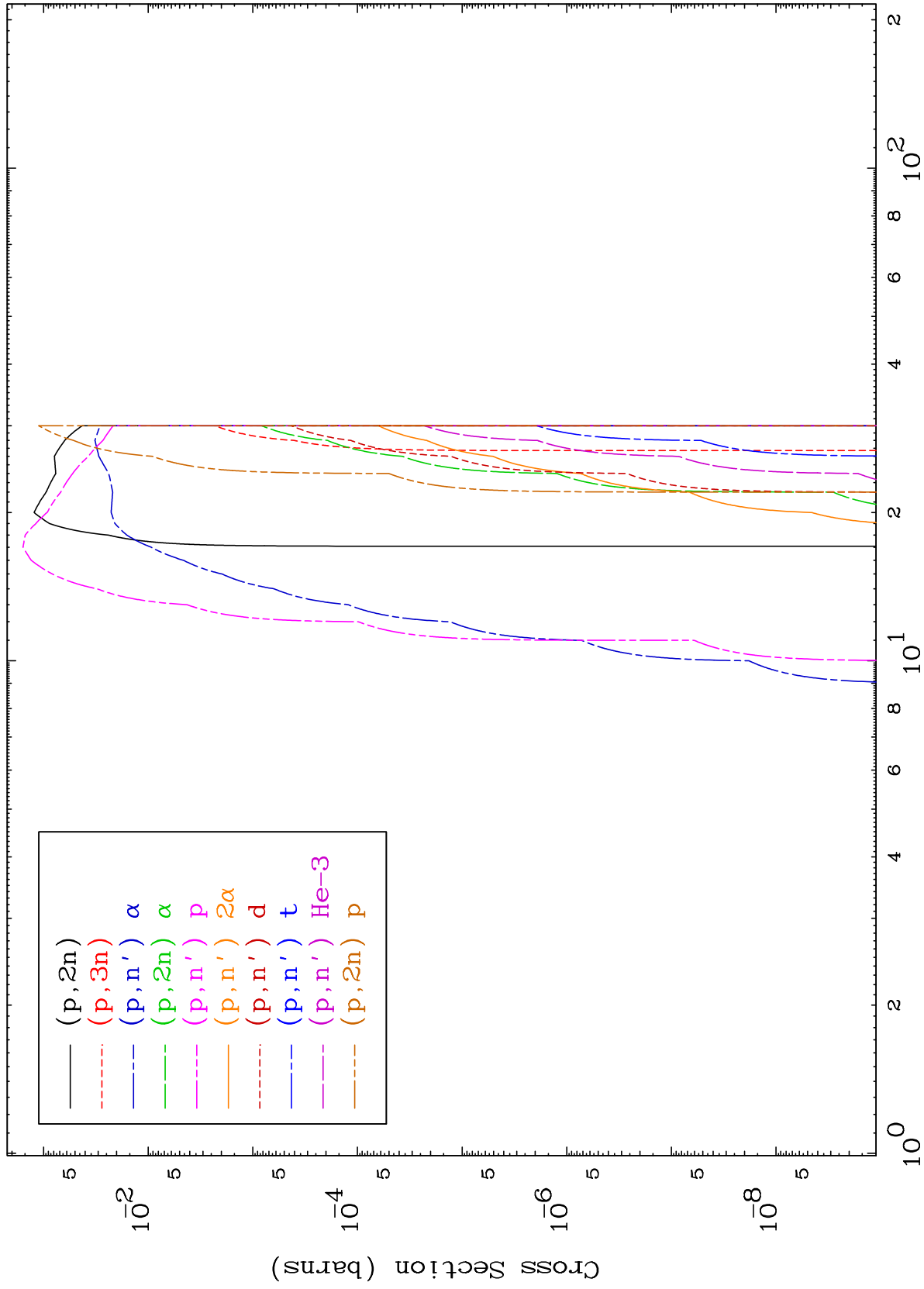
Incident Energy (MeV)

61-Pm-136

MAT 6117

Proton Neutron Production
0 Kelvin Cross Sections

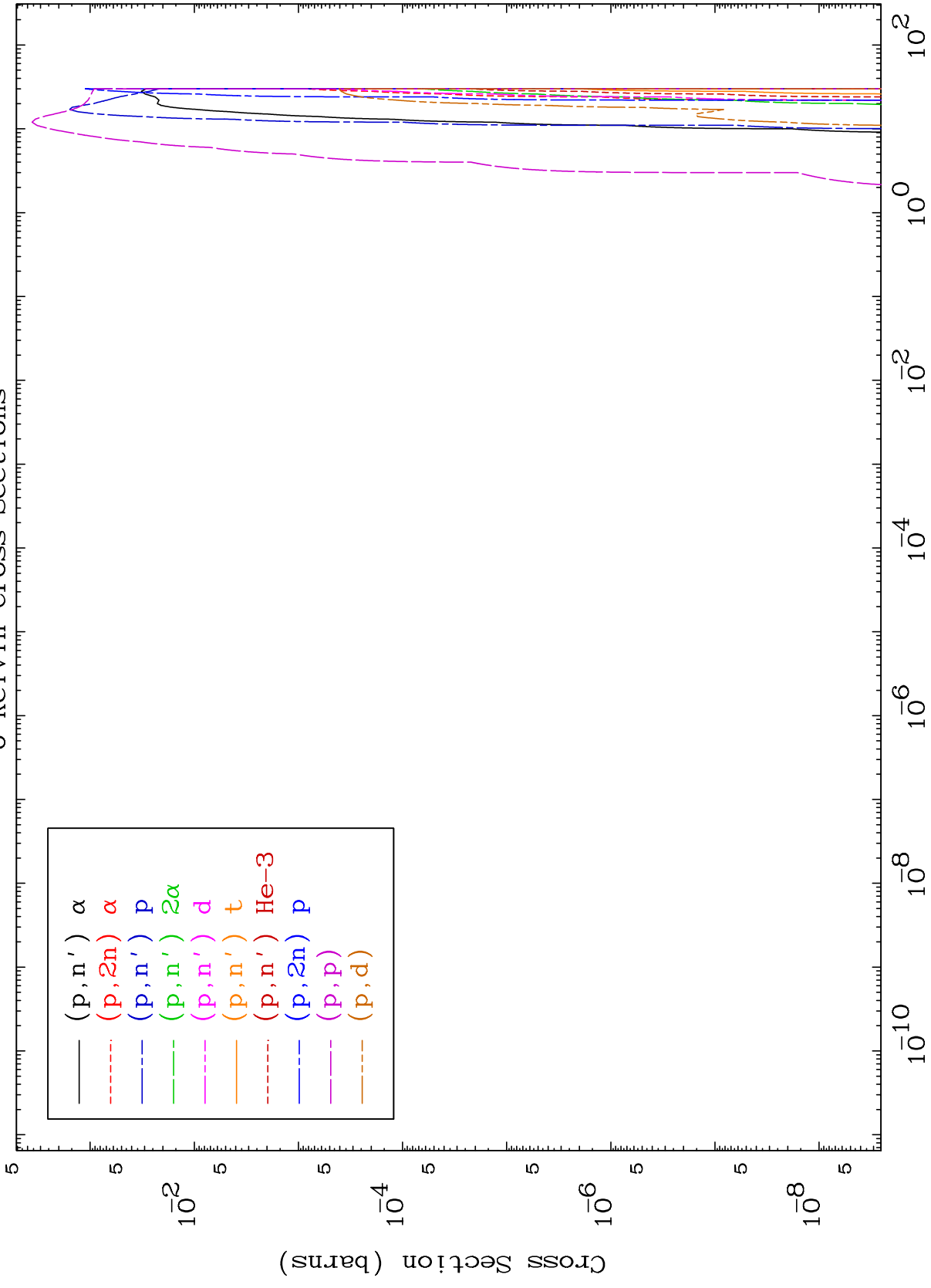
61-Pm-136



MAT 6117

Proton Charged Particle
0 Kelvin Cross Sections

61-Pm-136



3

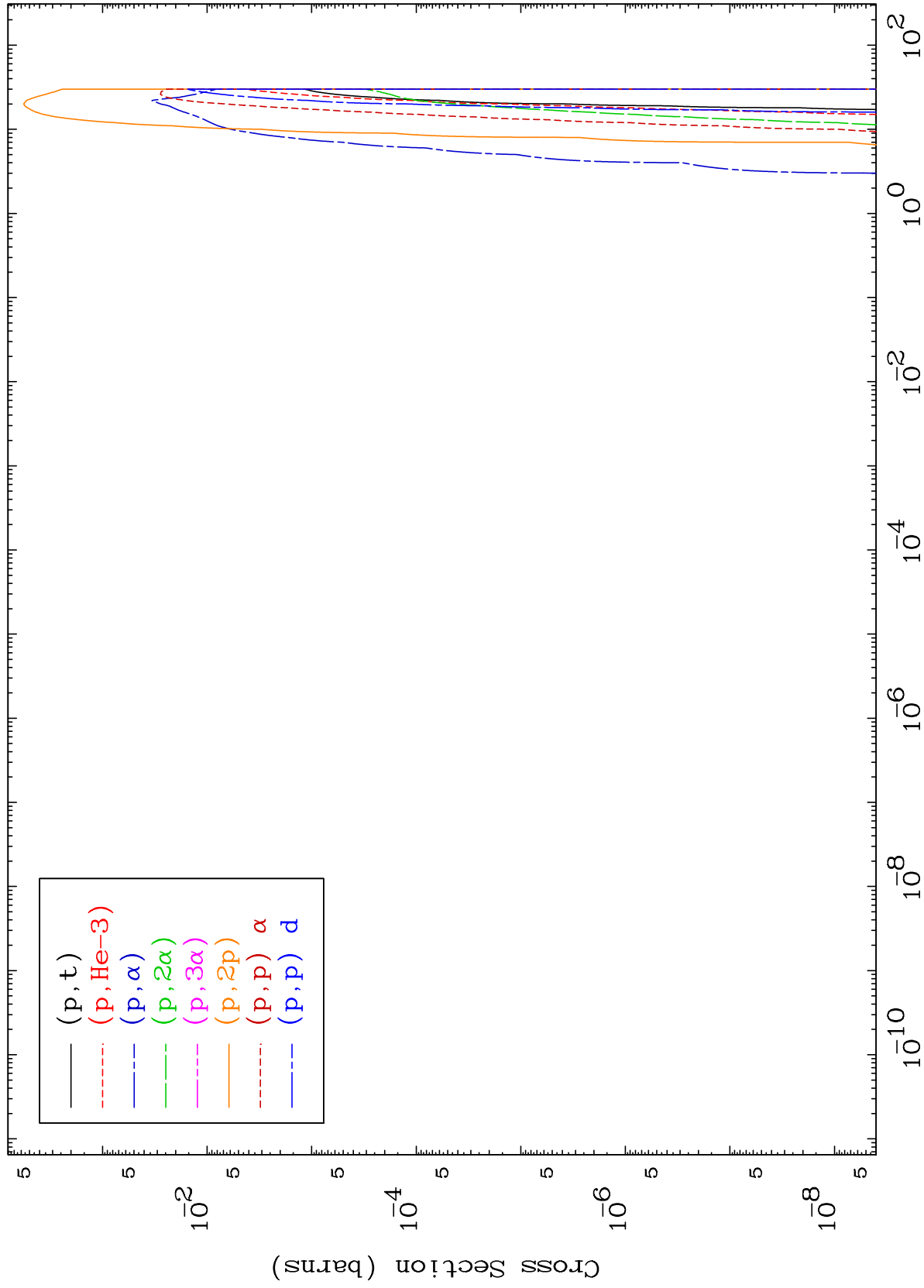
Incident Energy (MeV)

61-Pm-136

MAT 6117

Proton Charged Particle
0 Kelvin Cross Sections

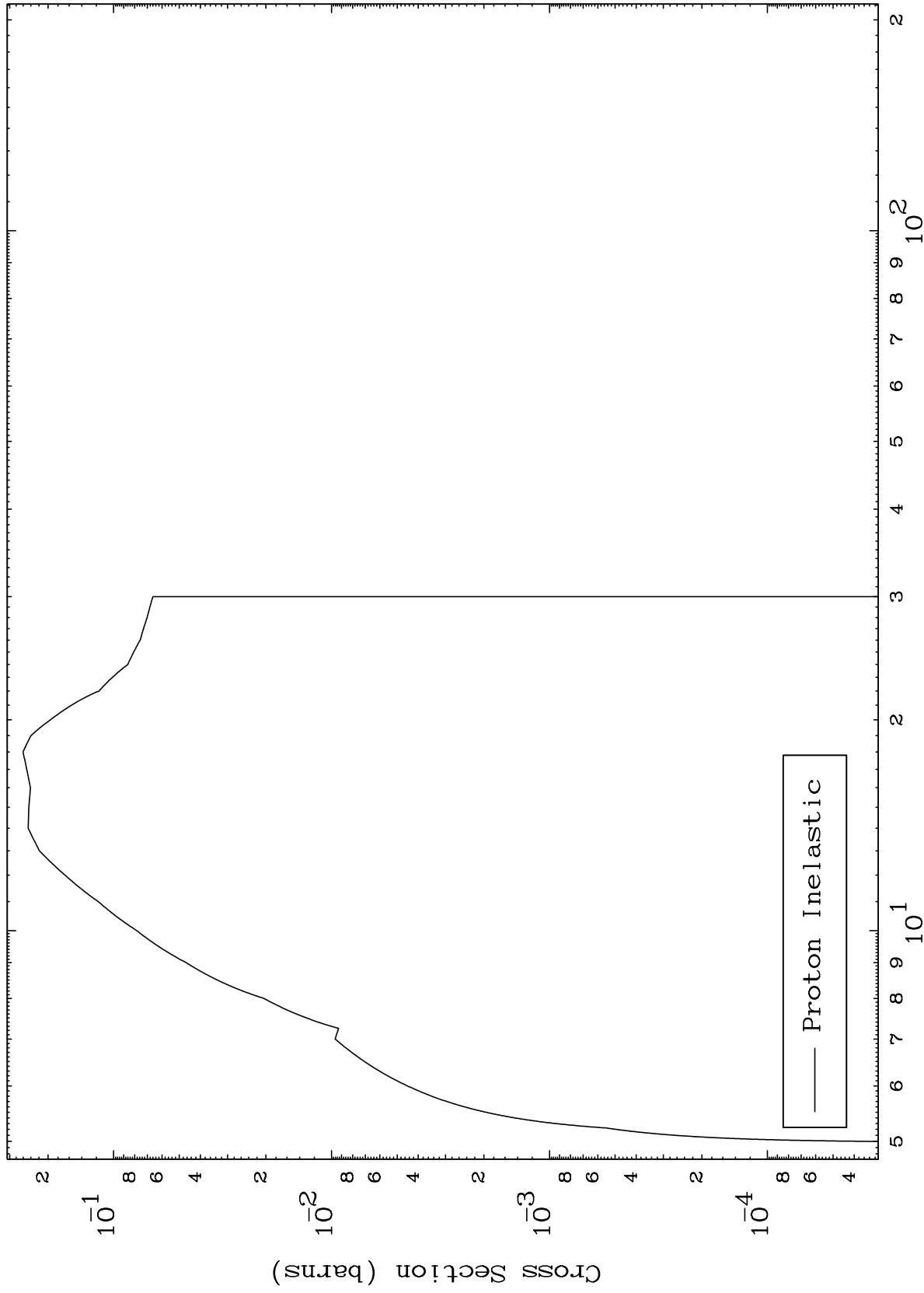
61-Pm-136



MAT 6117

61-Pm-136

(p,n') Level
0 Kelvin Cross Sections



5

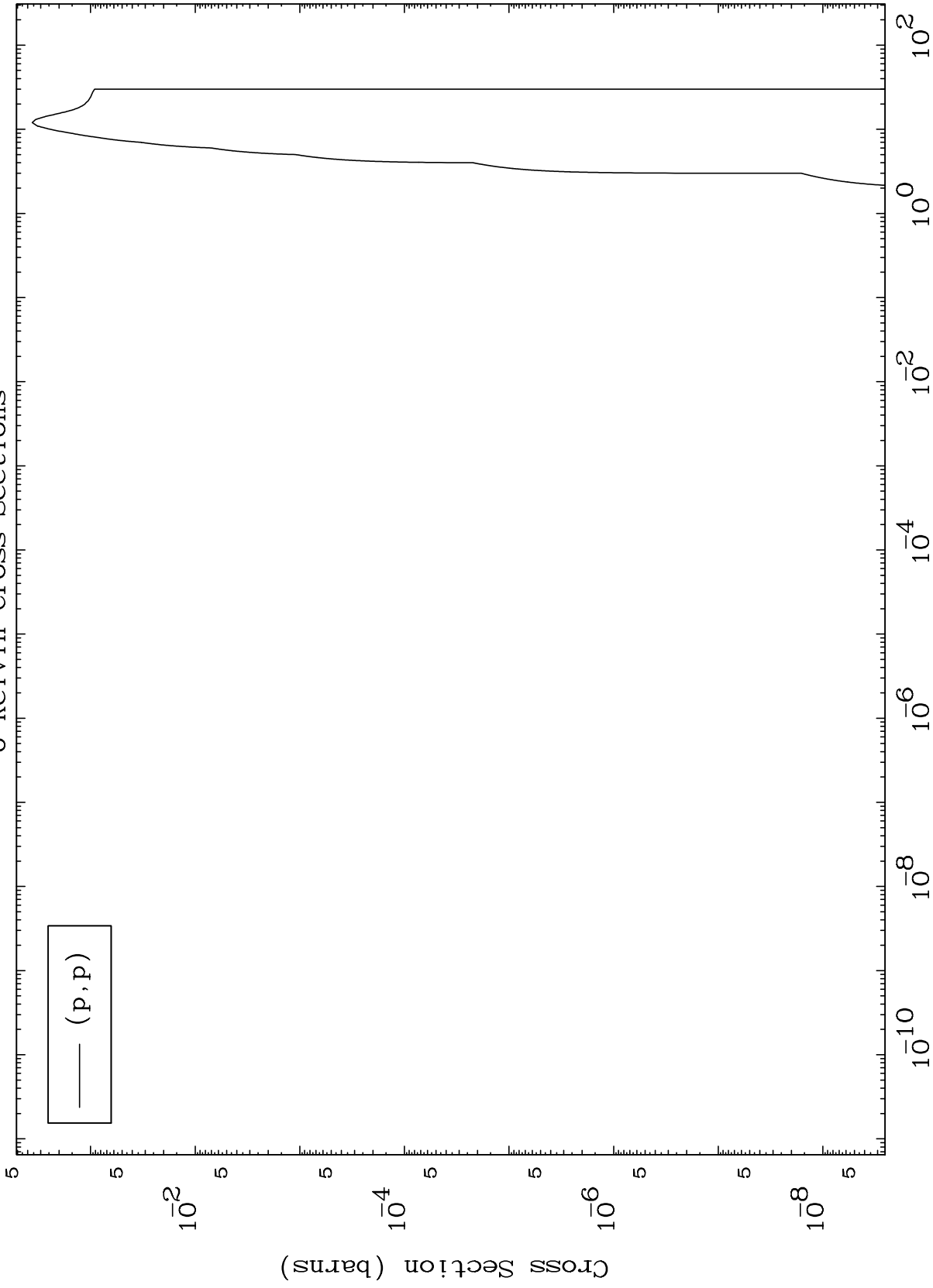
Incident Energy (MeV)

61-Pm-136

MAT 6117

(p,p) Levels
0 Kelvin Cross Sections

61-Pm-136



6

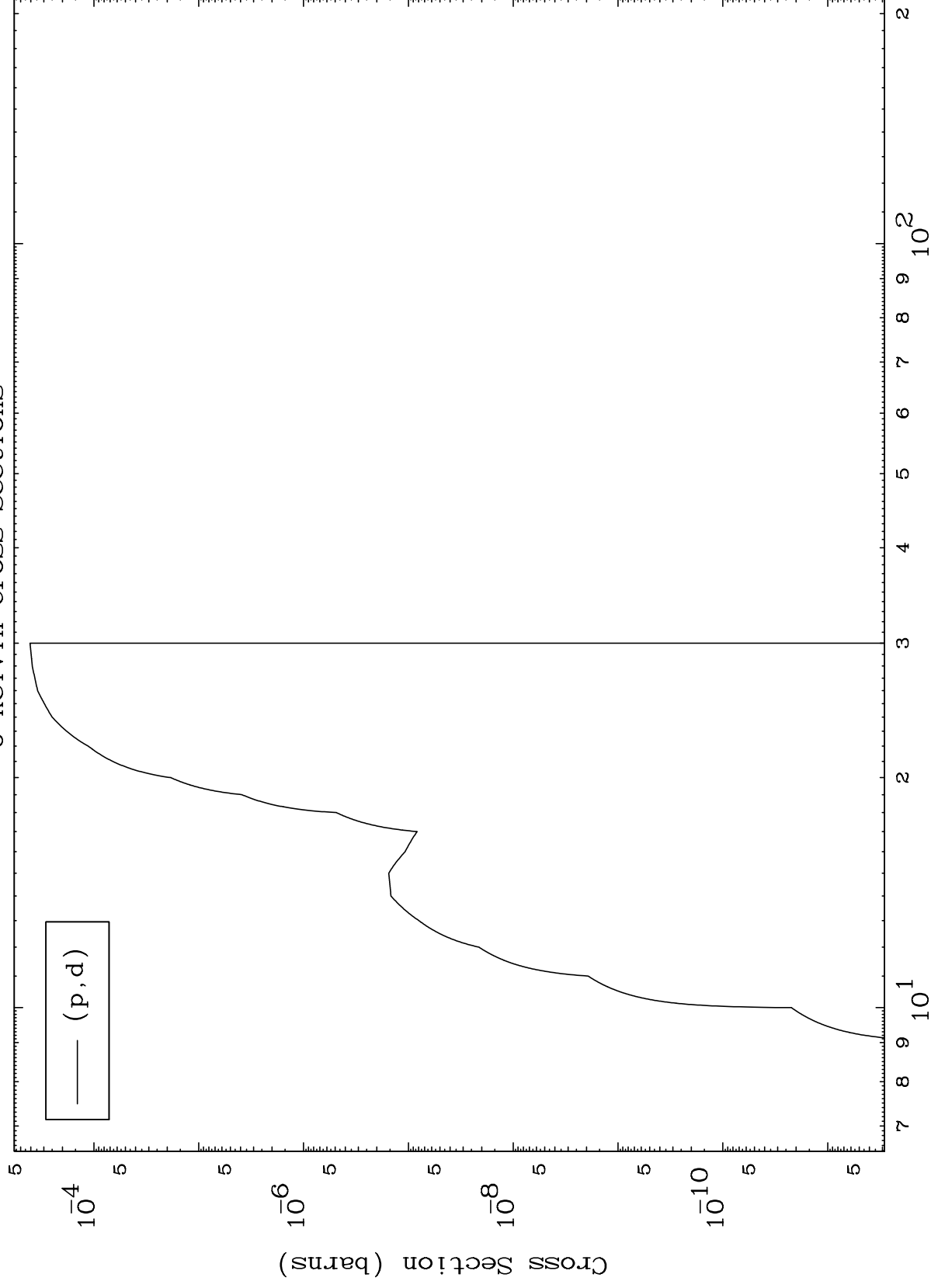
Incident Energy (MeV)

61-Pm-136

MAT 6117

61-Pm-136

(p,d) Levels
0 Kelvin Cross Sections



7

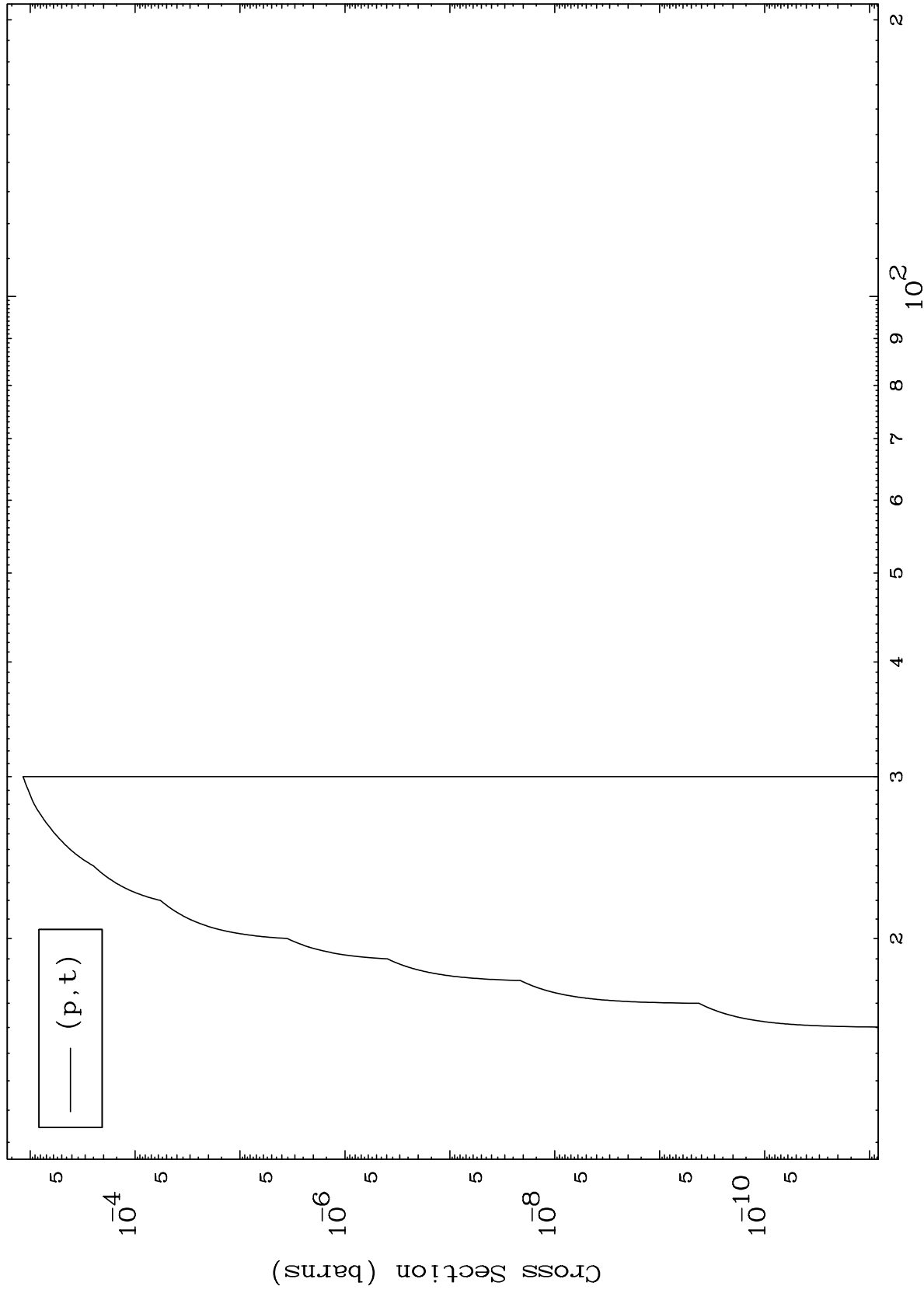
Incident Energy (MeV)

61-Pm-136

MAT 6117

61-Pm-136

(p,t) Levels
0 Kelvin Cross Sections



8

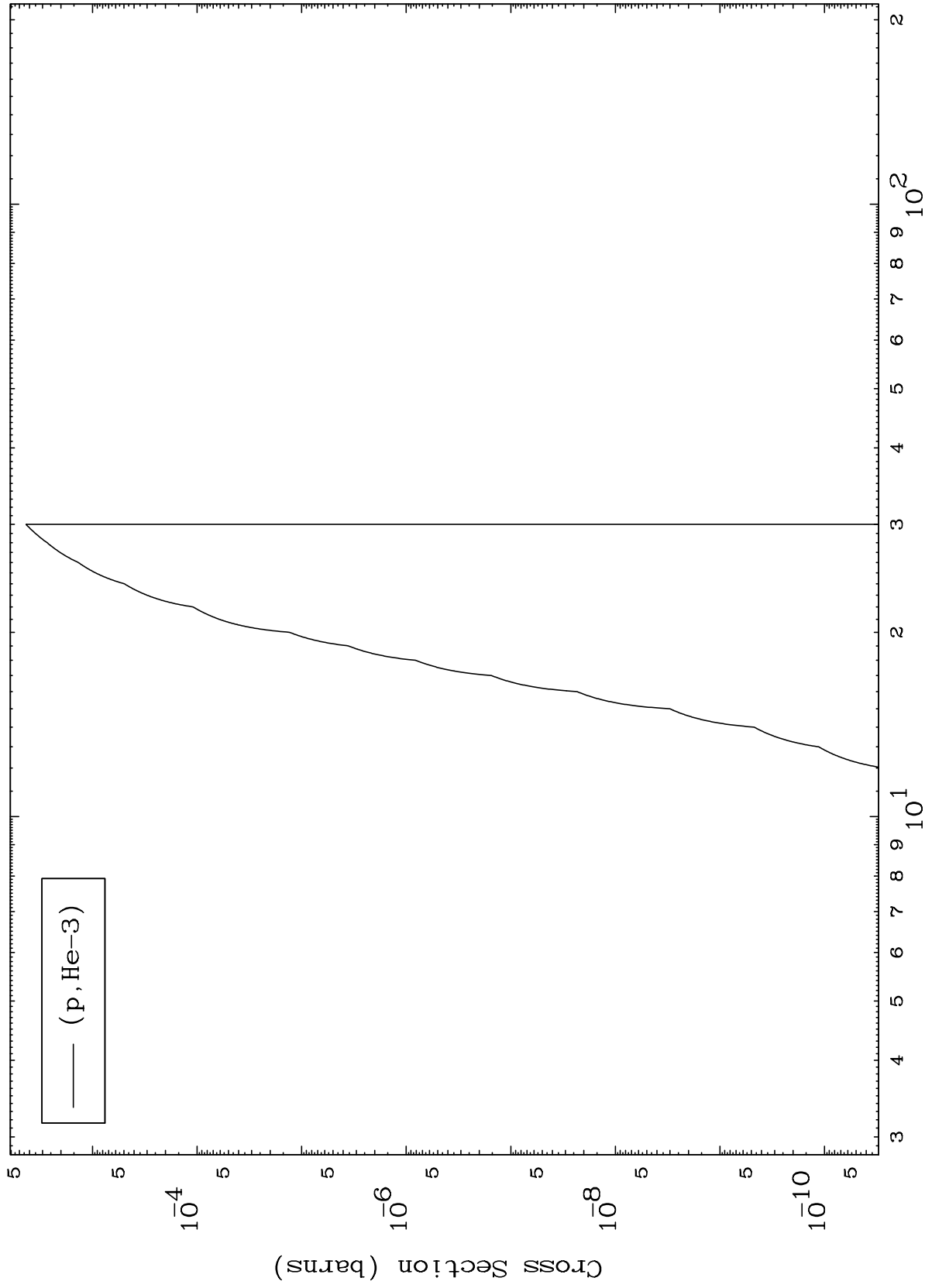
Incident Energy (MeV)

61-Pm-136

MAT 6117

61-Pm-136

(p,He3) Levels
0 Kelvin Cross Sections



9

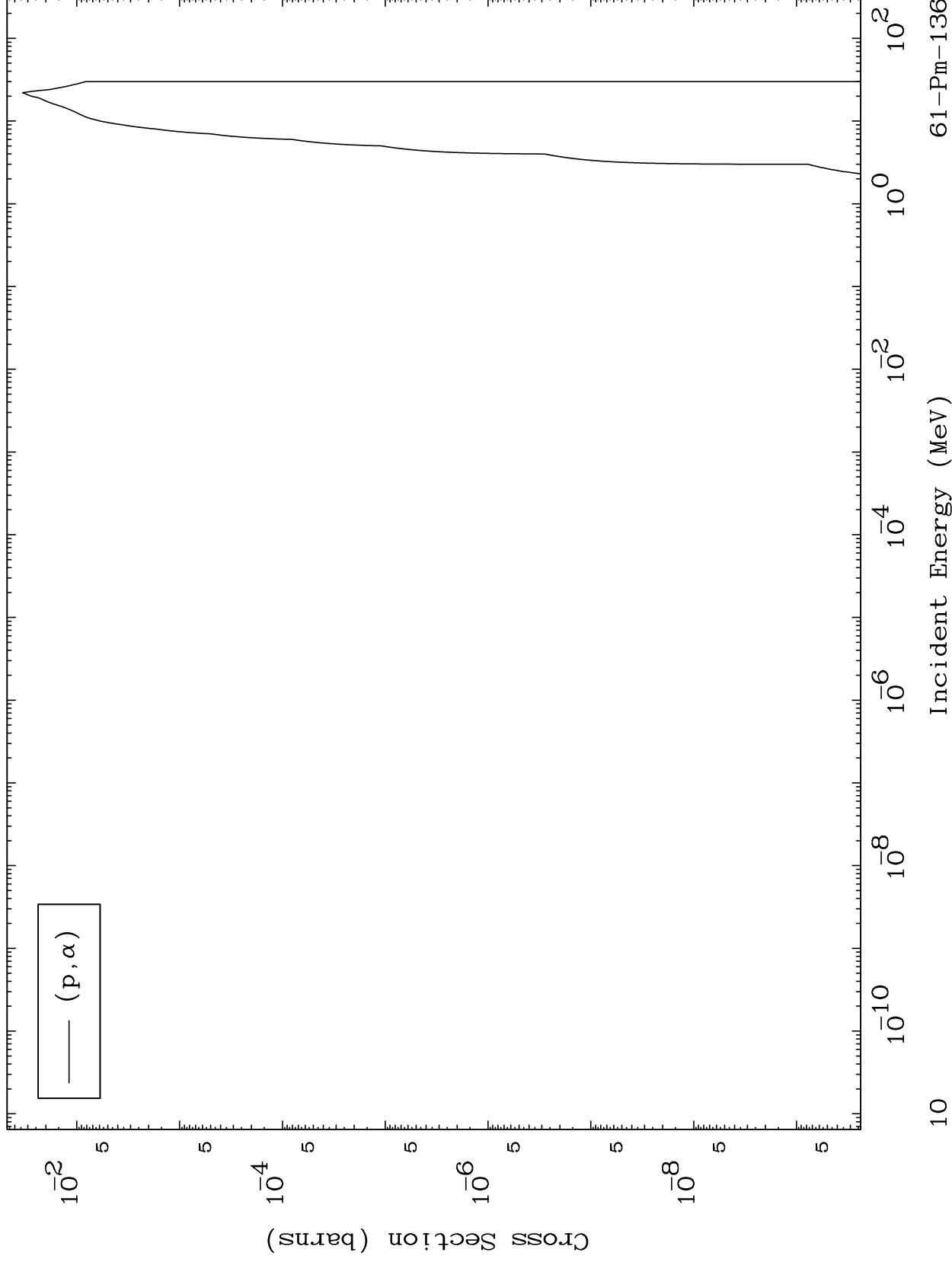
Incident Energy (MeV)

61-Pm-136

MAT 6117

(p, α) Levels
0 Kelvin Cross Sections

61-Pm-136

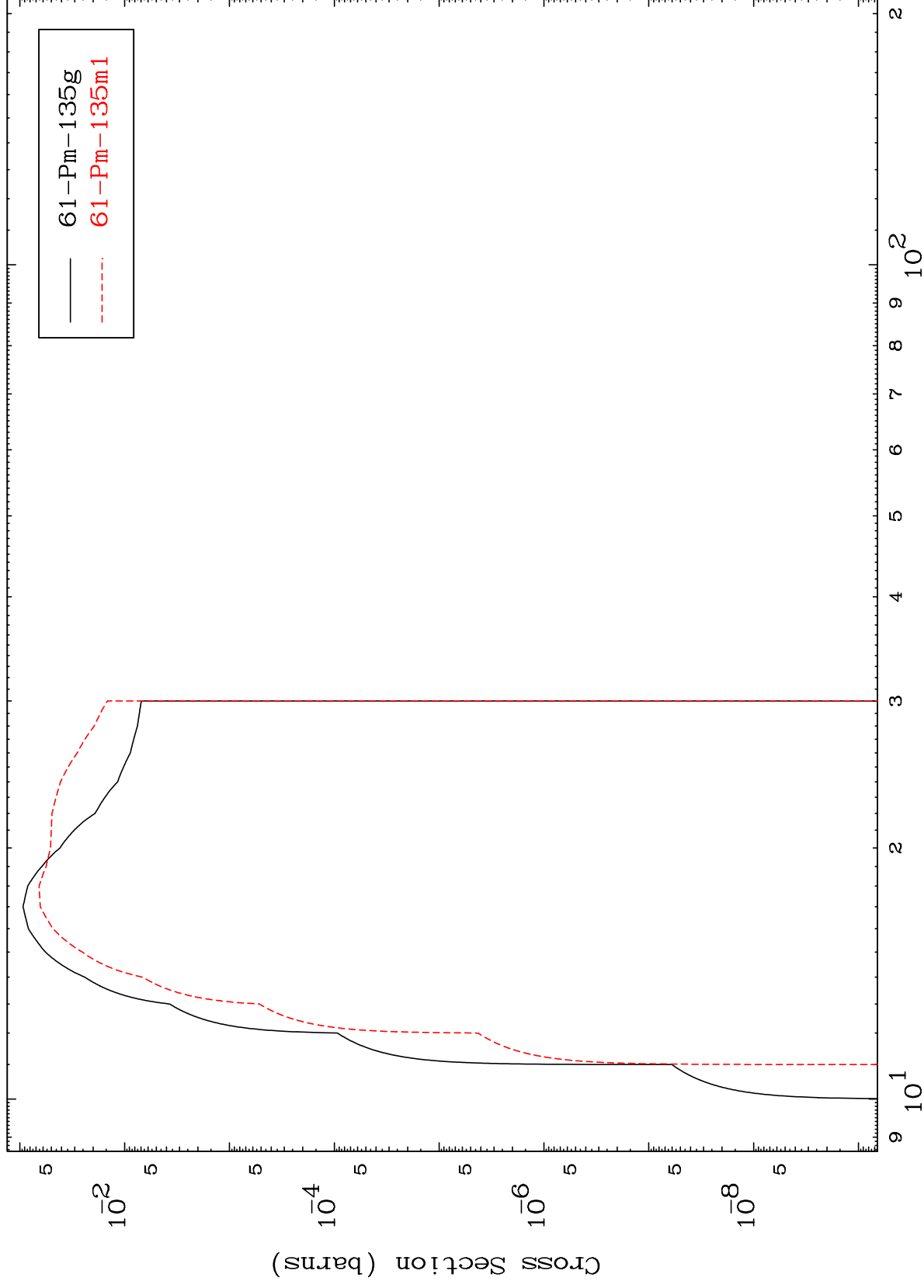


MAT 6117

(p,n') p

61-Pm-136

Radionuclide Production Cross Section



11

Incident Energy (MeV)

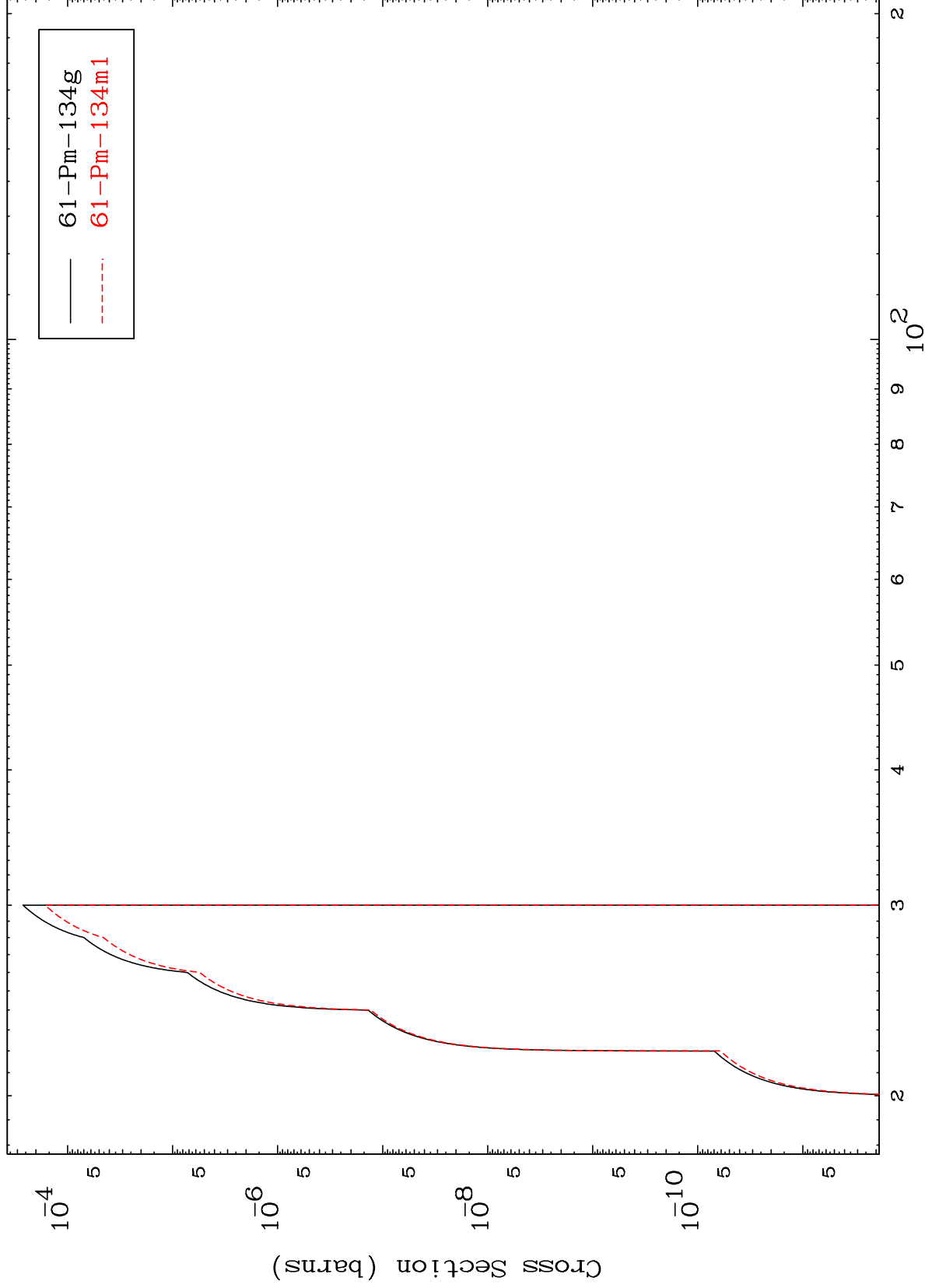
61-Pm-136

MAT 6117

(p,n') d

61-Pm-136

Radionuclide Production Cross Section



12

Incident Energy (MeV)

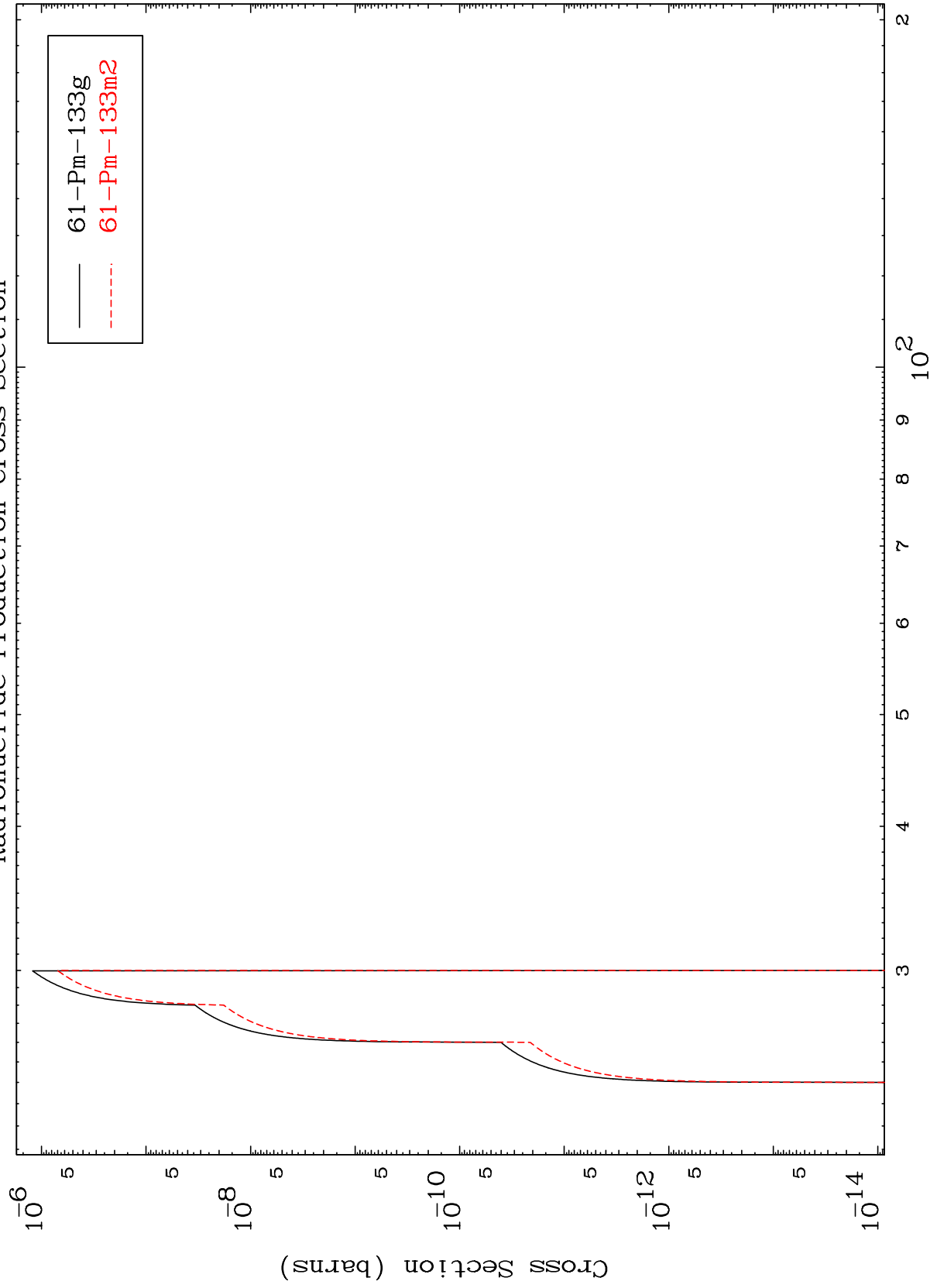
61-Pm-136

MAT 6117

(p,n') t

61-Pm-136

Radionuclide Production Cross Section



13

Incident Energy (MeV)

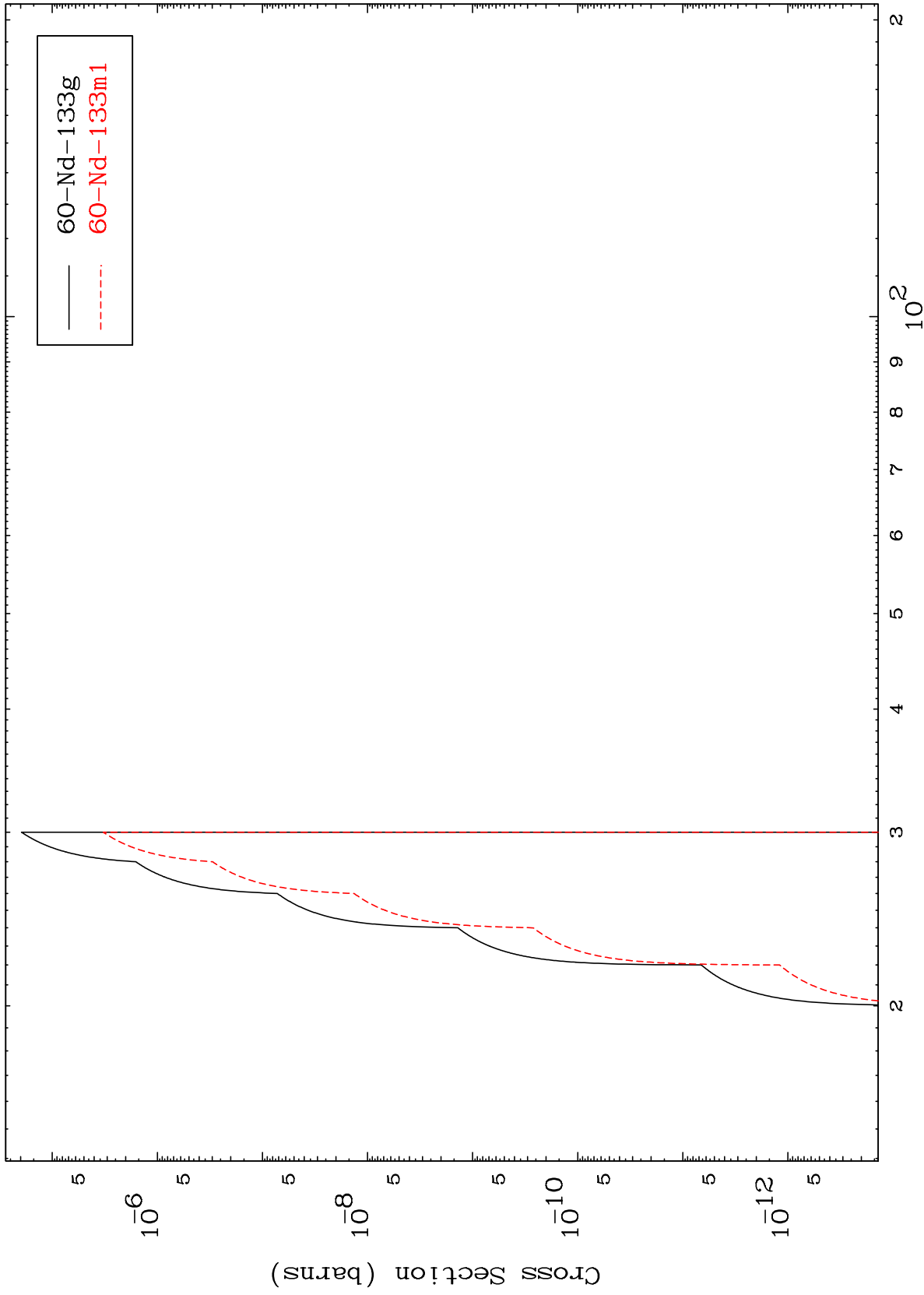
61-Pm-136

MAT 6117

(p,n') He-3

61-Pm-136

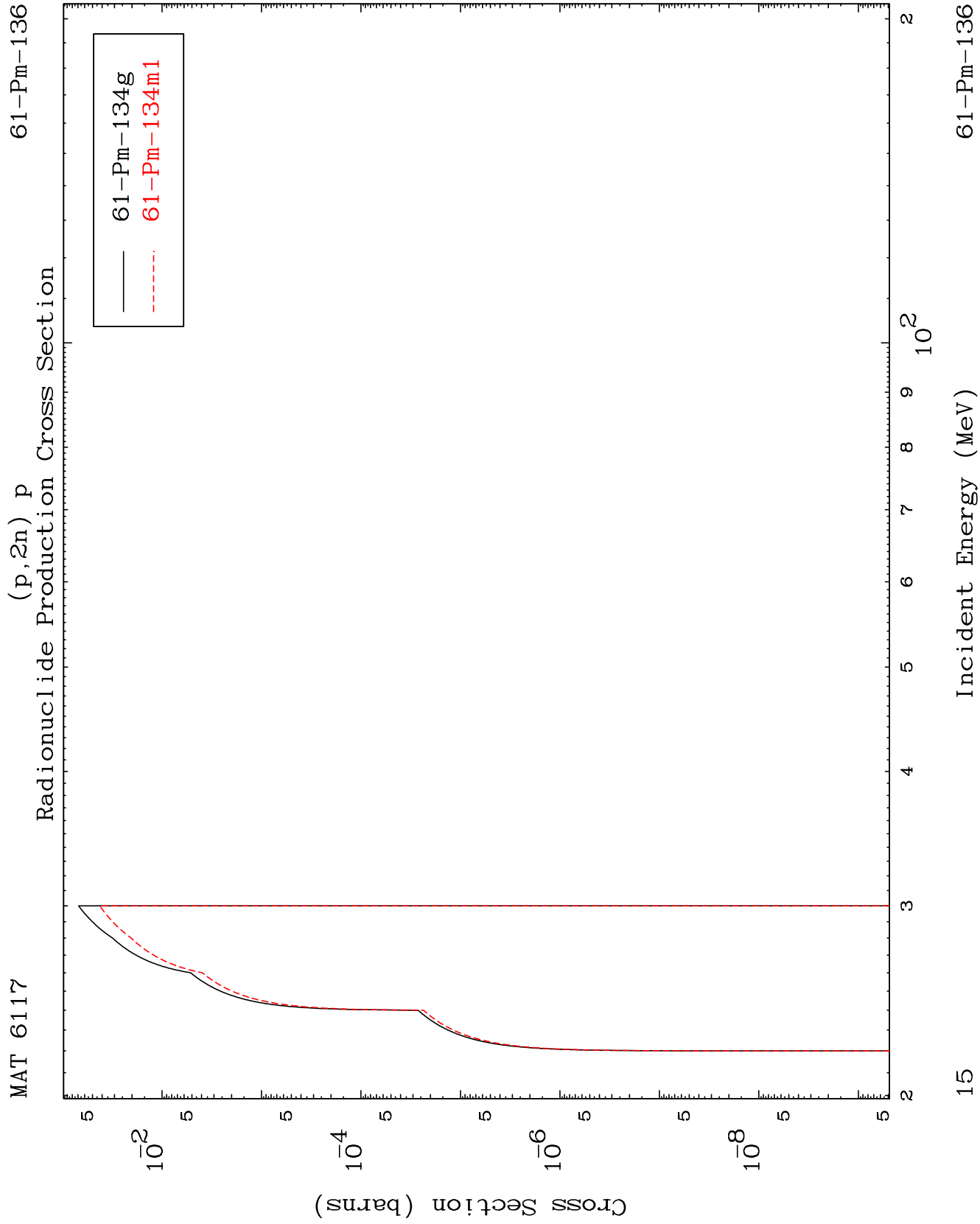
Radionuclide Production Cross Section



14

Incident Energy (MeV)

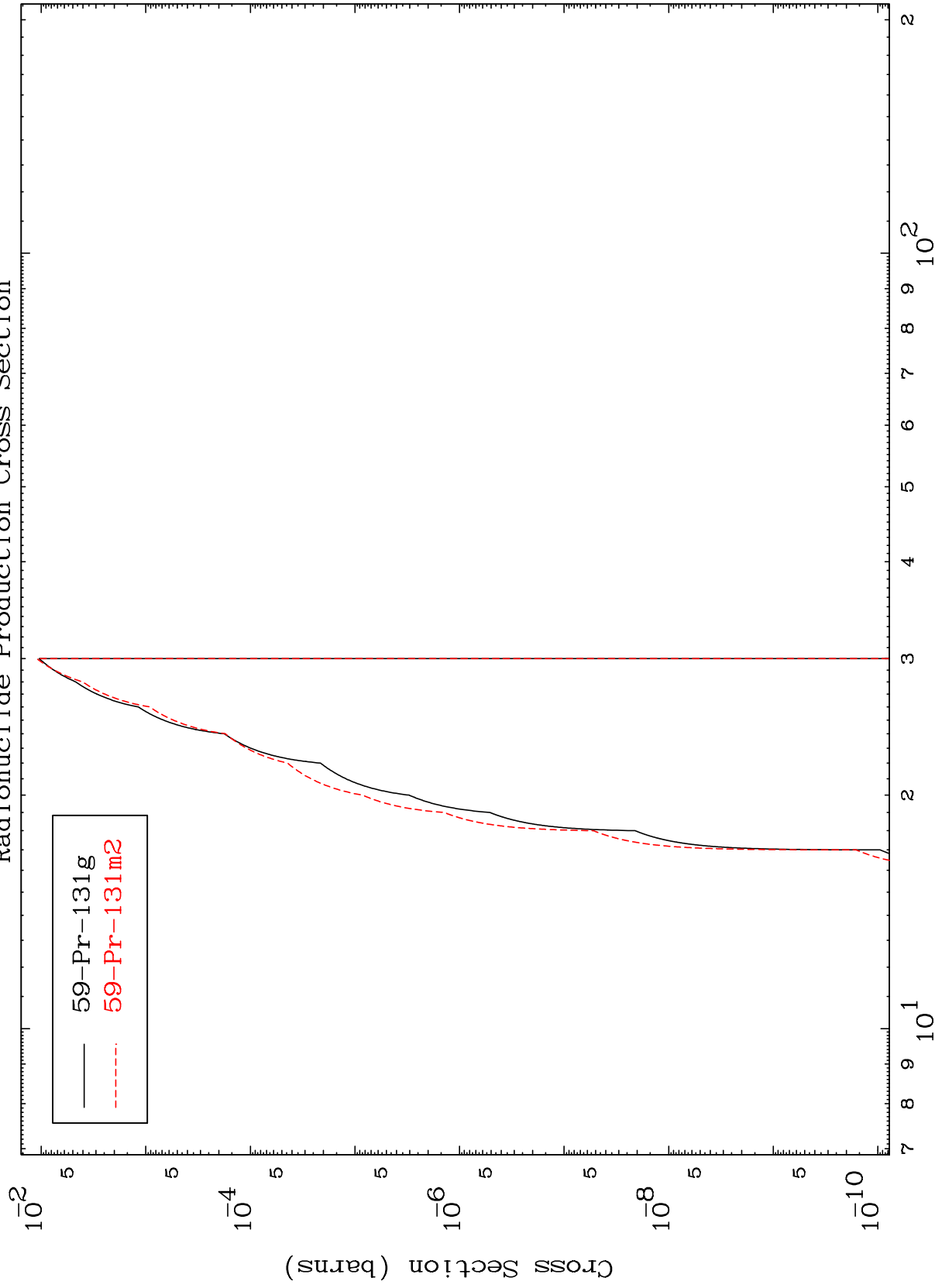
61-Pm-136



MAT 6117

61-Pm-136

(p,n') p α
Radionuclide Production Cross Section



16

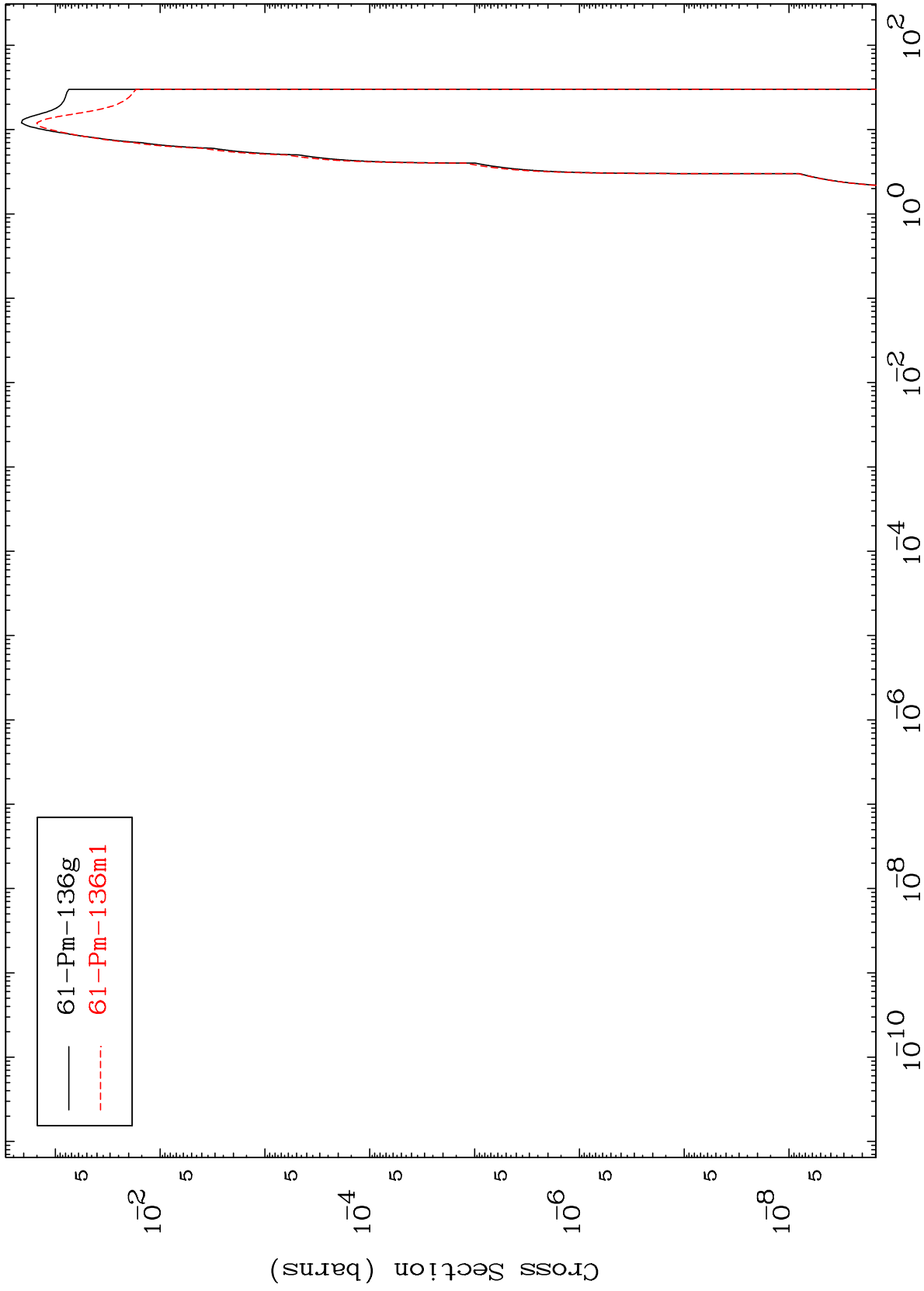
Incident Energy (MeV)

61-Pm-136

MAT 6117

Radionuclide Production Cross Section
(p,p)

61-Pm-136



17

Incident Energy (MeV)

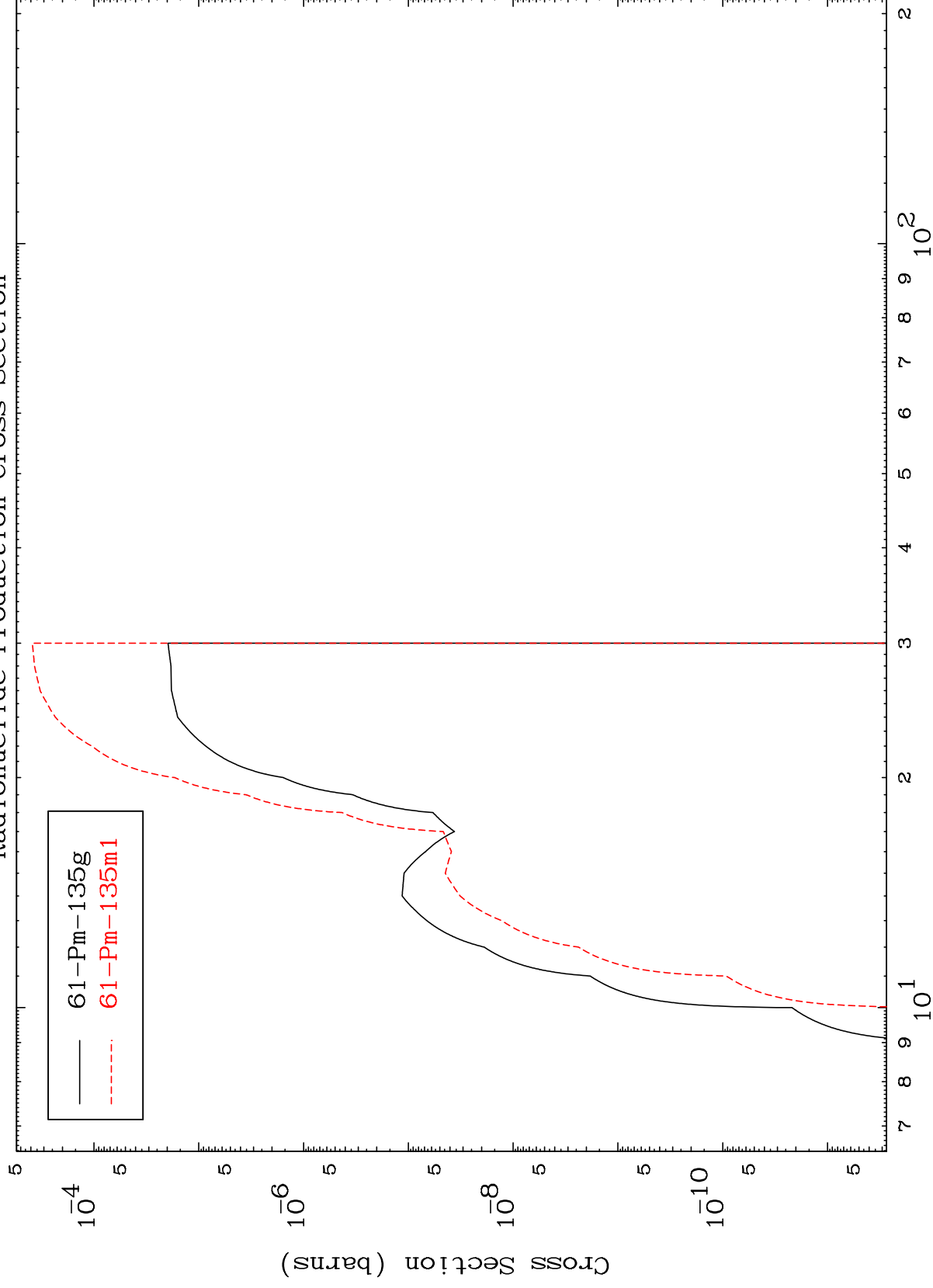
61-Pm-136

MAT 6117

(p,d)

61-Pm-136

Radionuclide Production Cross Section



18

Incident Energy (MeV)

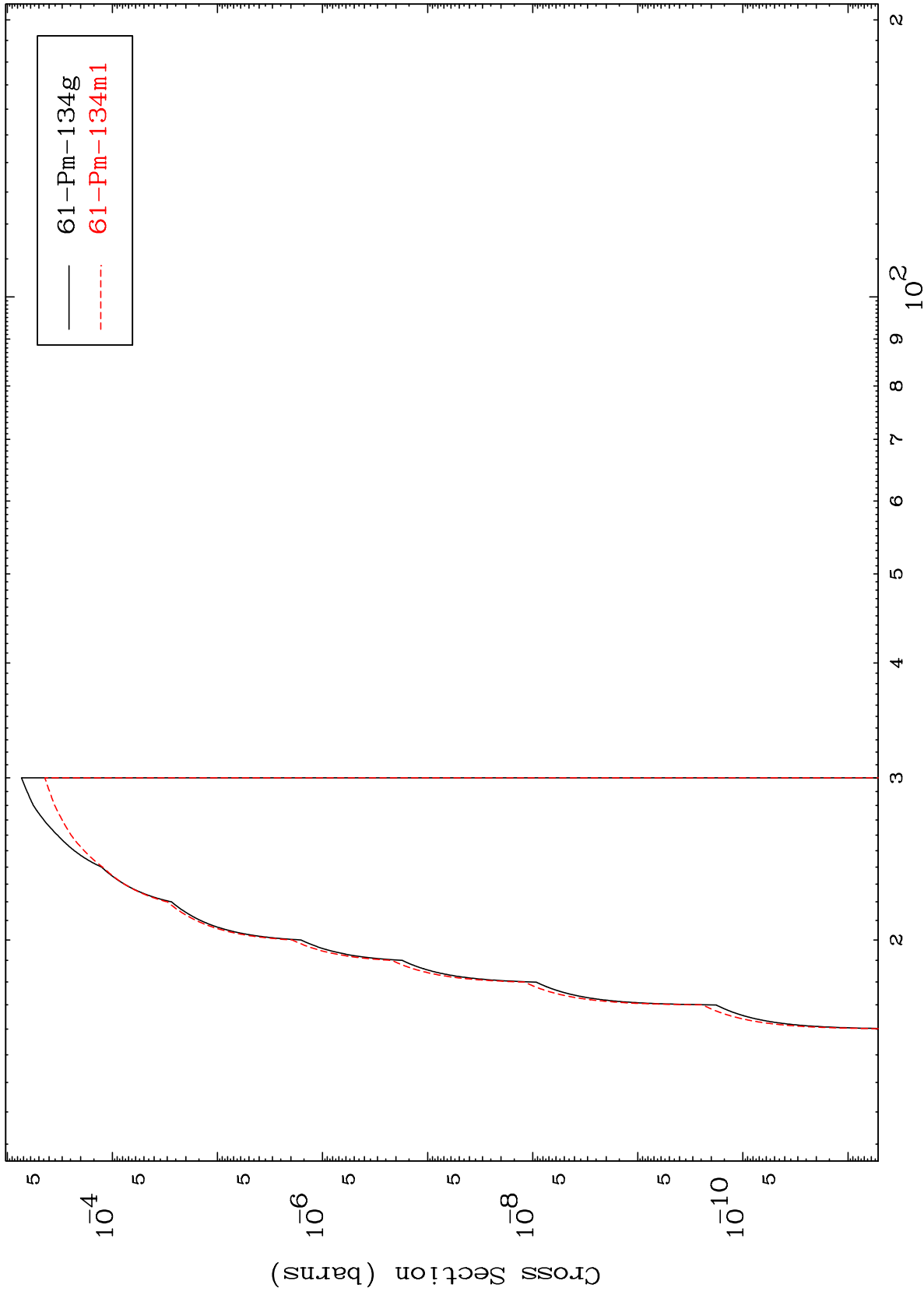
61-Pm-136

MAT 6117

(p,t)

61-Pm-136

Radionuclide Production Cross Section



19

Incident Energy (MeV)

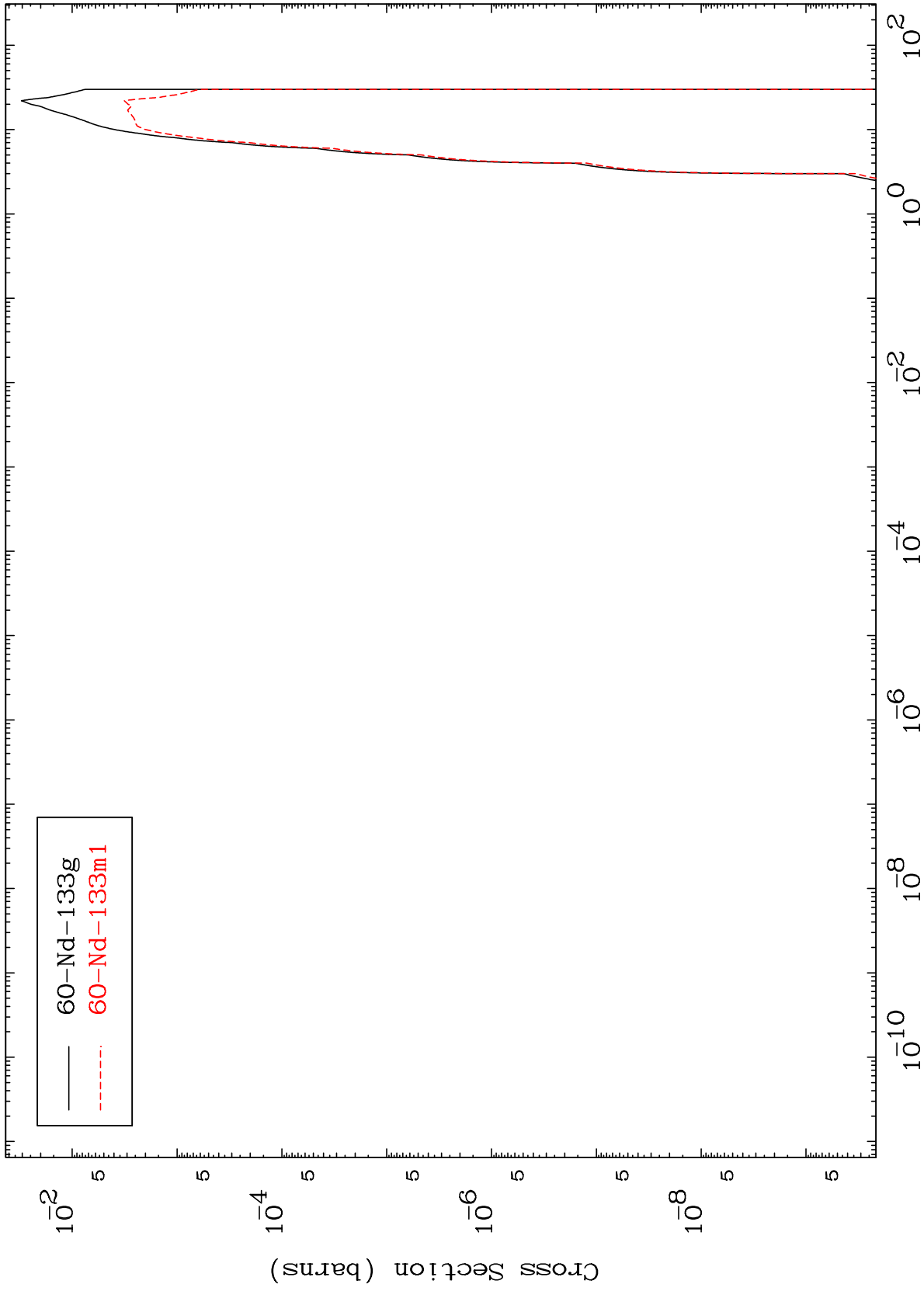
61-Pm-136

MAT 6117

(p, α)

61-Pm-136

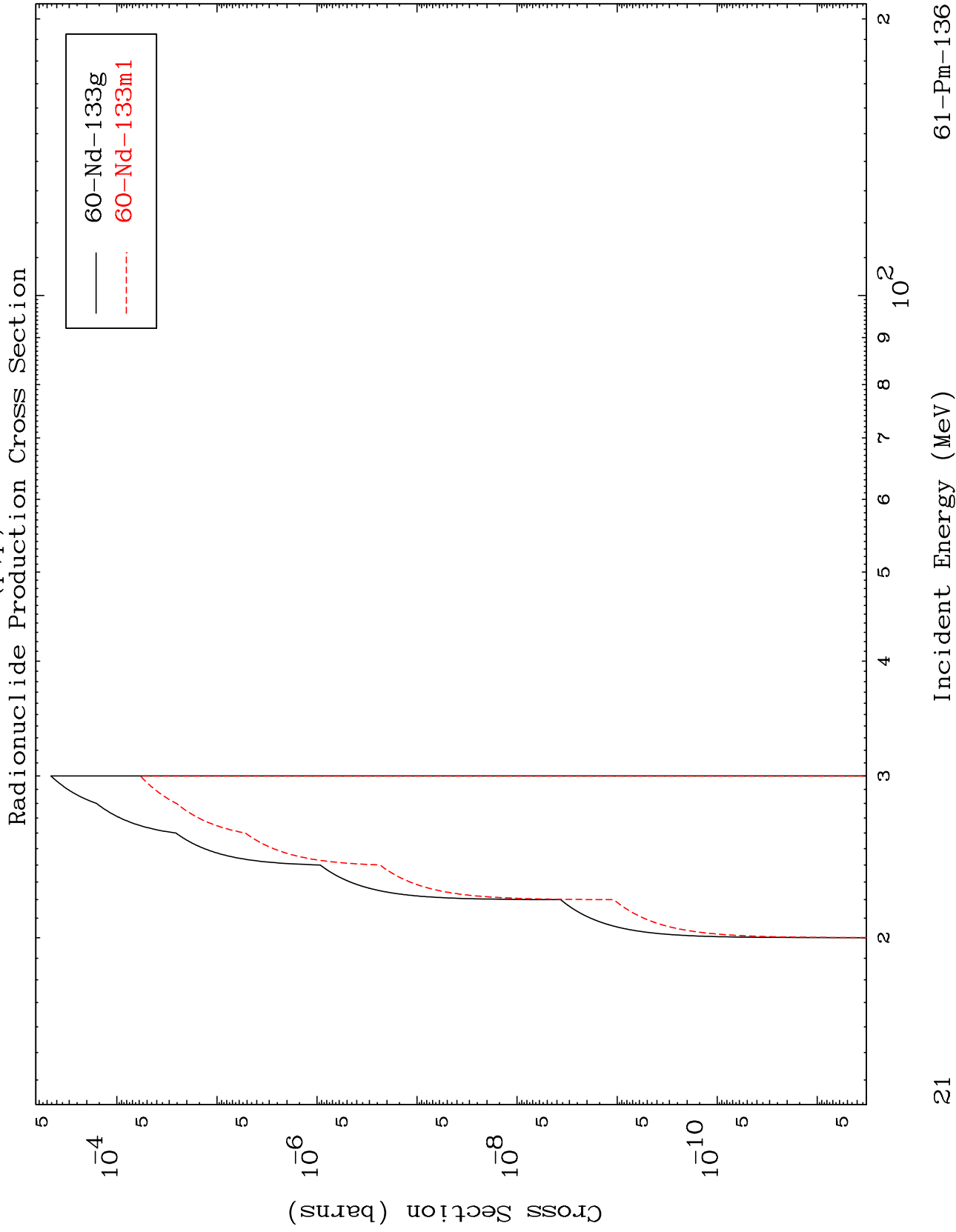
Radionuclide Production Cross Section



20

Incident Energy (MeV)

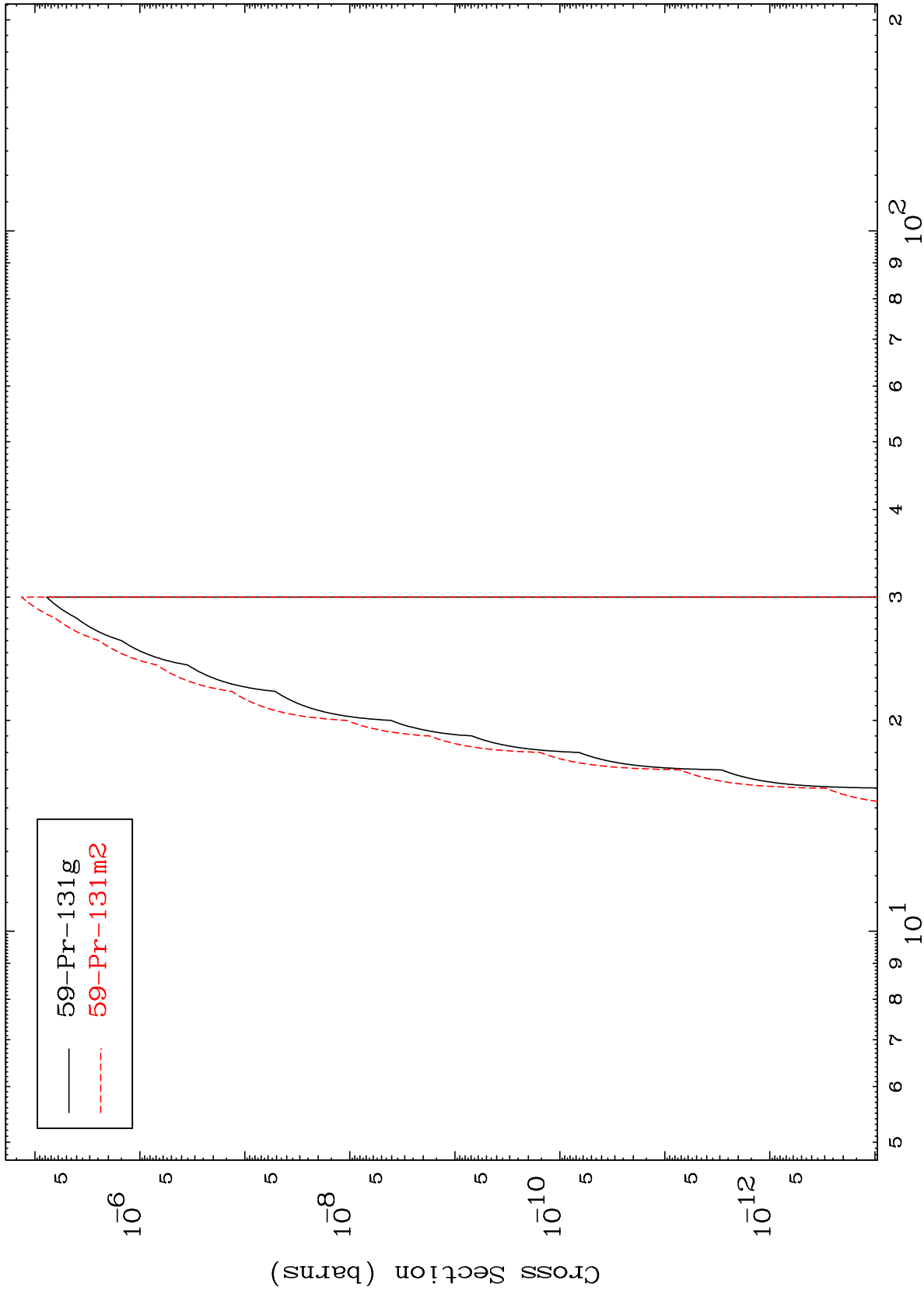
61-Pm-136



MAT 6117

61-Pm-136

(p,d) α
Radionuclide Production Cross Section



22

Incident Energy (MeV)

61-Pm-136