

Program EVALPLOT
(Version 2018-1)

by

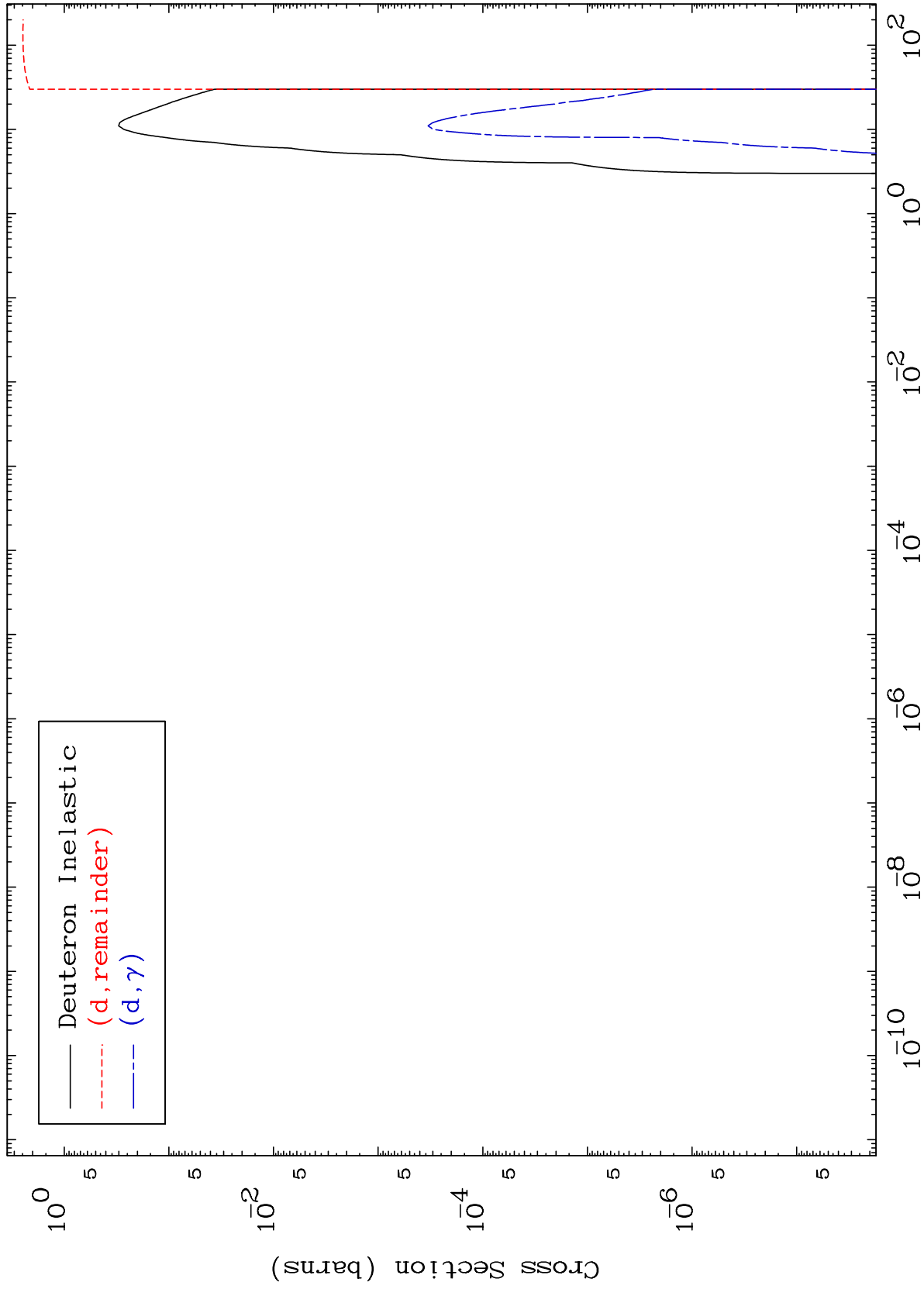
Dermott E. Cullen
(Present Contact Information)

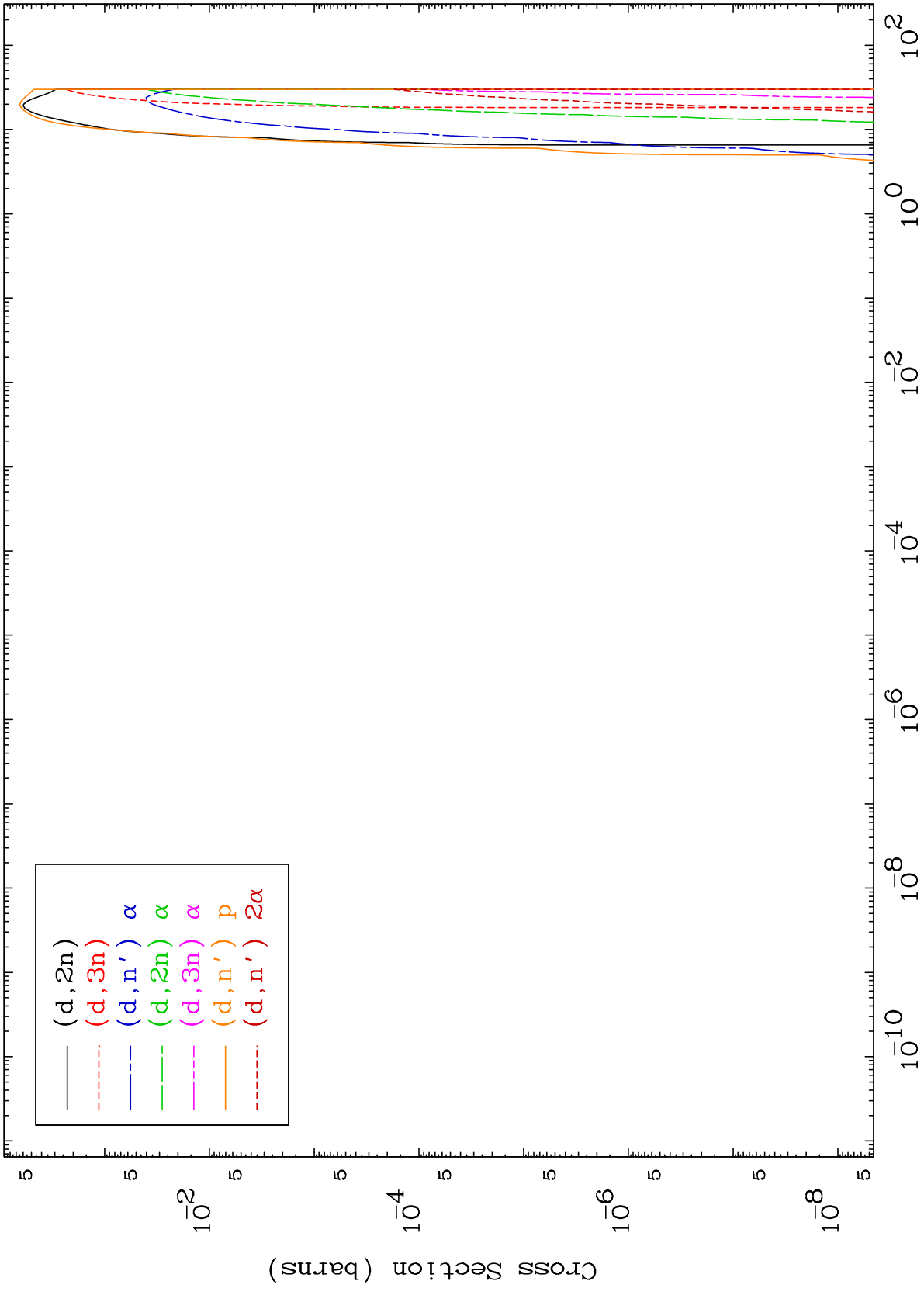
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

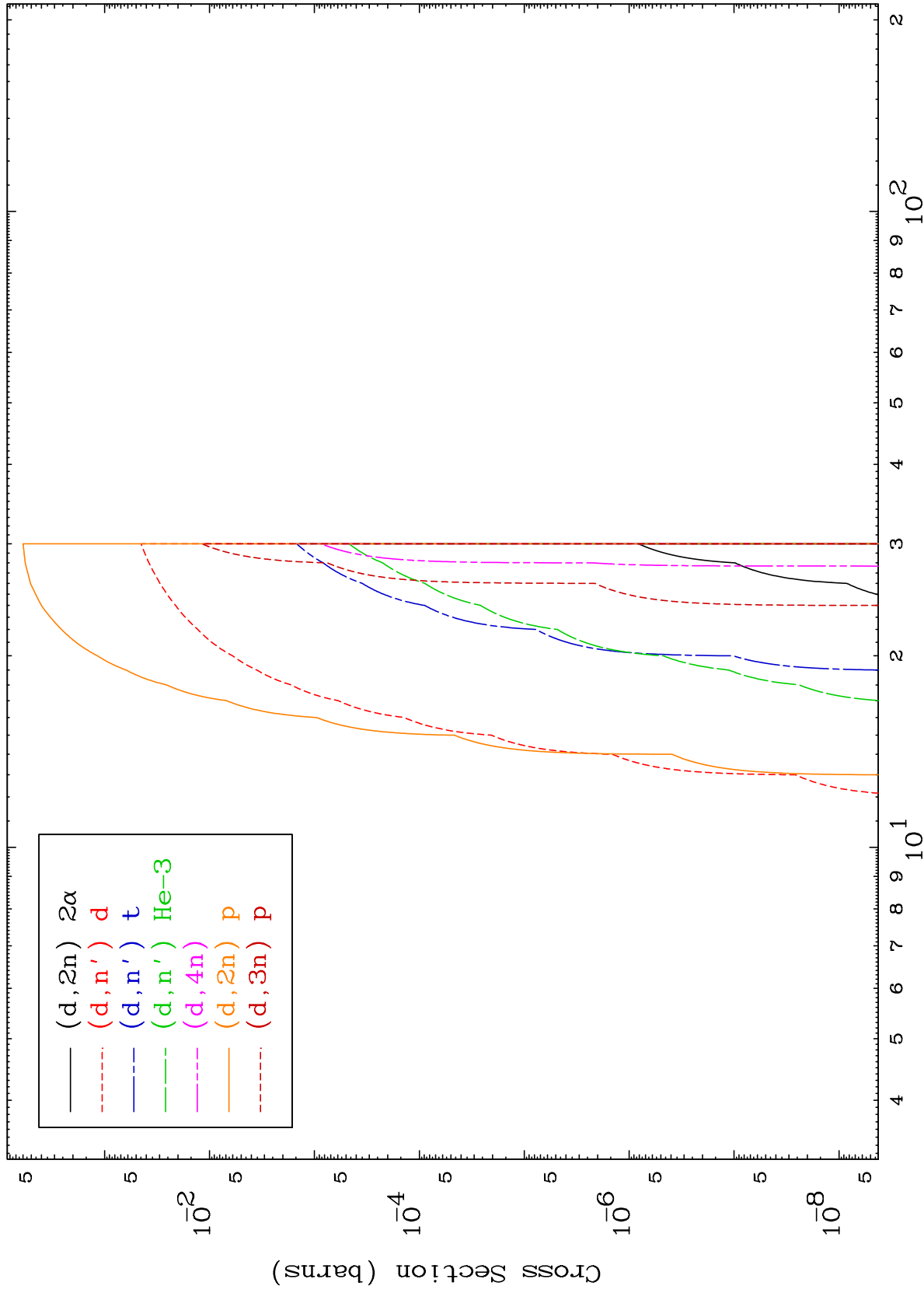
Tele: 925-443-1911

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

Press Mouse Button to Start



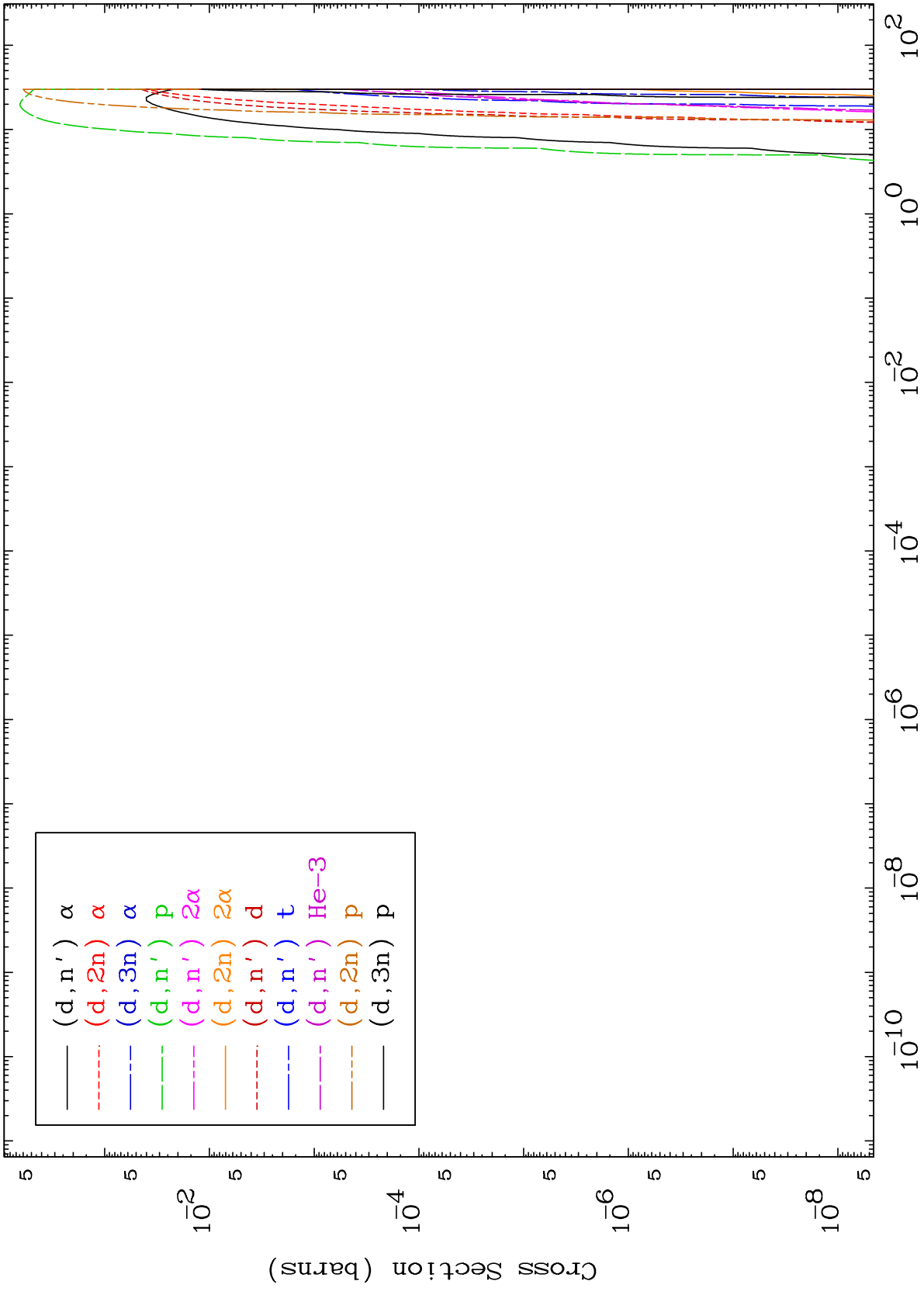




MAT 6122

Deuteron Charged Particle
0 Kelvin Cross Sections

61-Pm-138



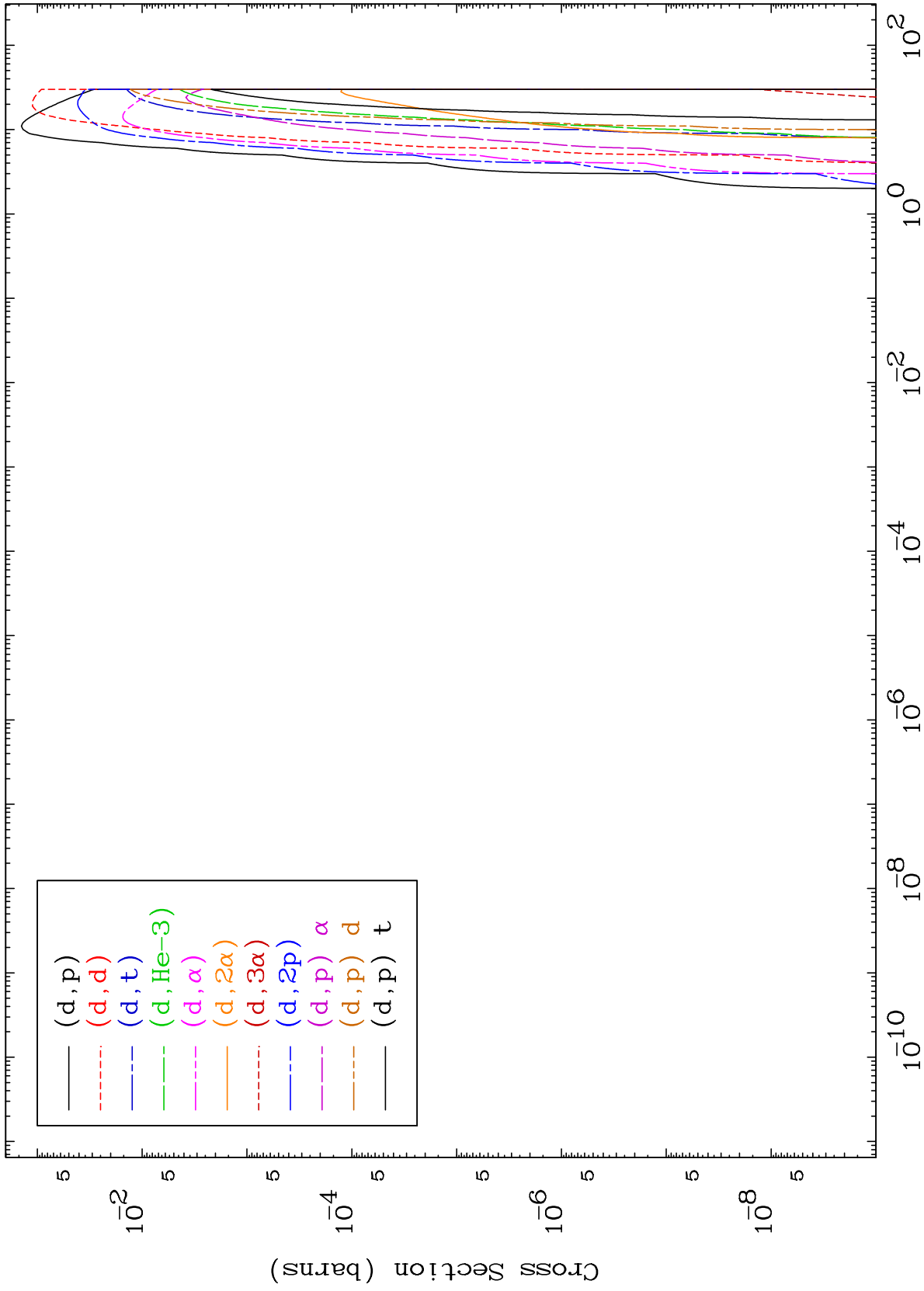
61-Pm-138

Incident Energy (MeV)

MAT 6122

Deuteron Charged Particle
0 Kelvin Cross Sections

61-Pm-138



5

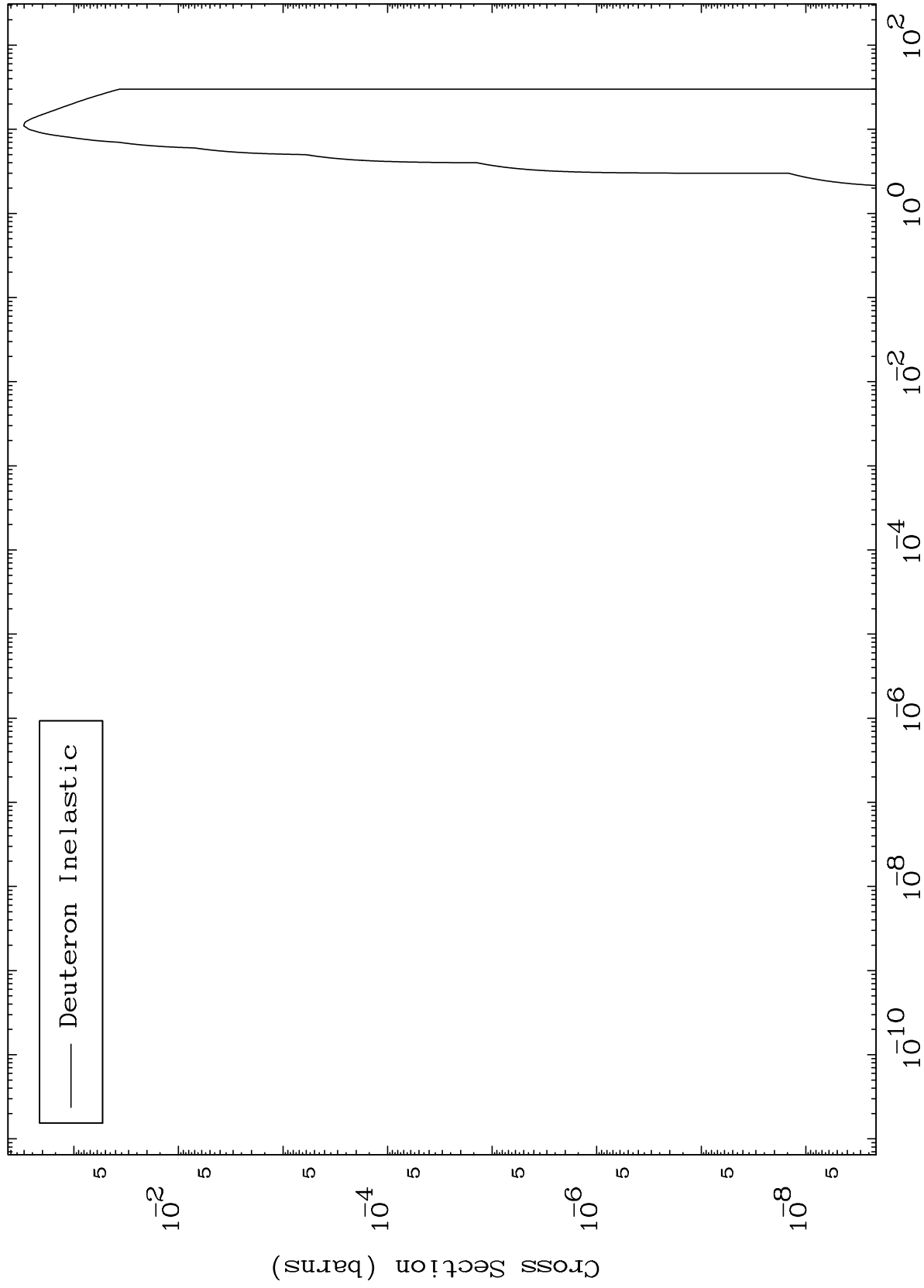
Incident Energy (MeV)

61-Pm-138

MAT 6122

(d,n') Level
0 Kelvin Cross Sections

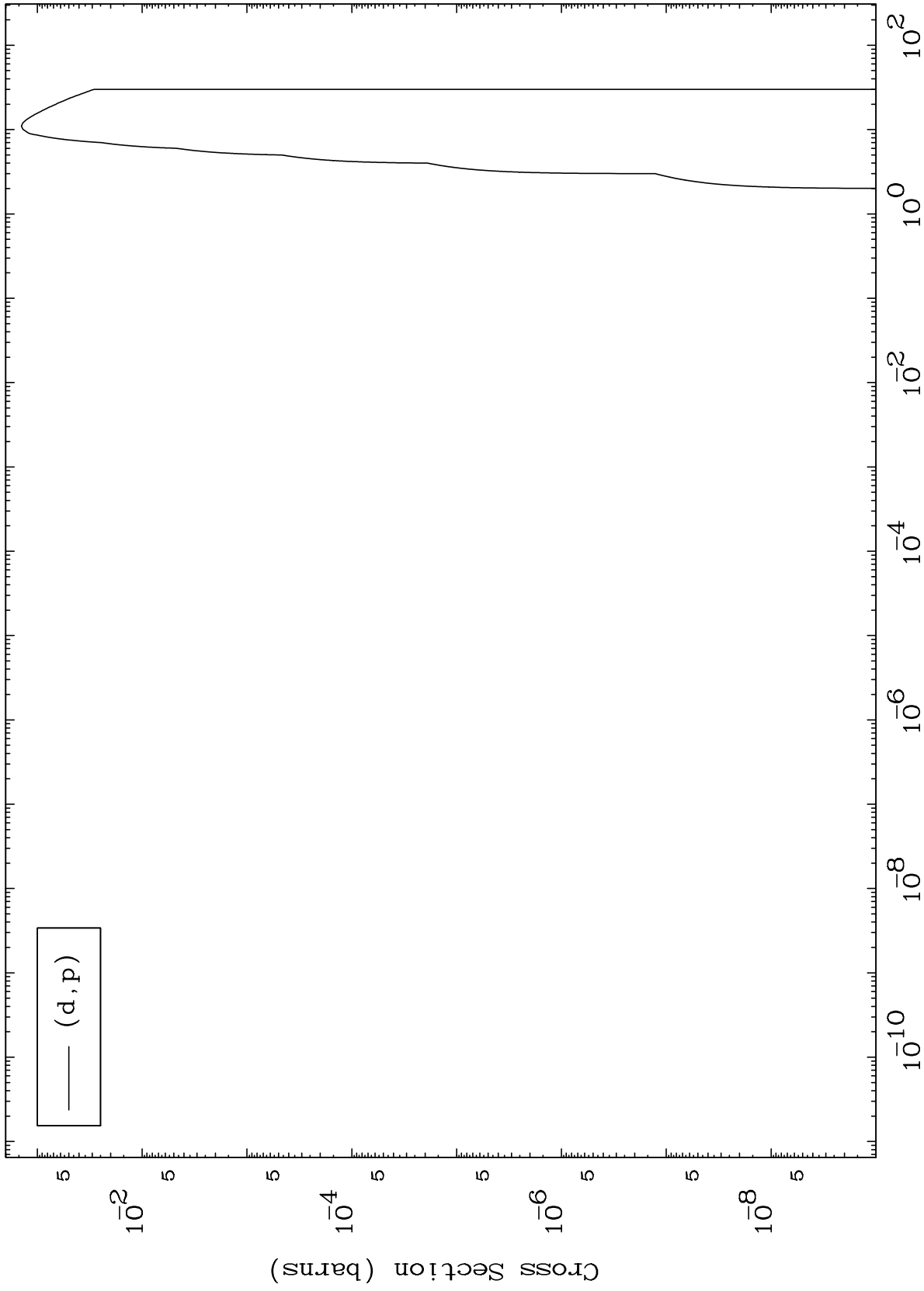
61-Pm-138



MAT 6122

(d,p) Levels
0 Kelvin Cross Sections

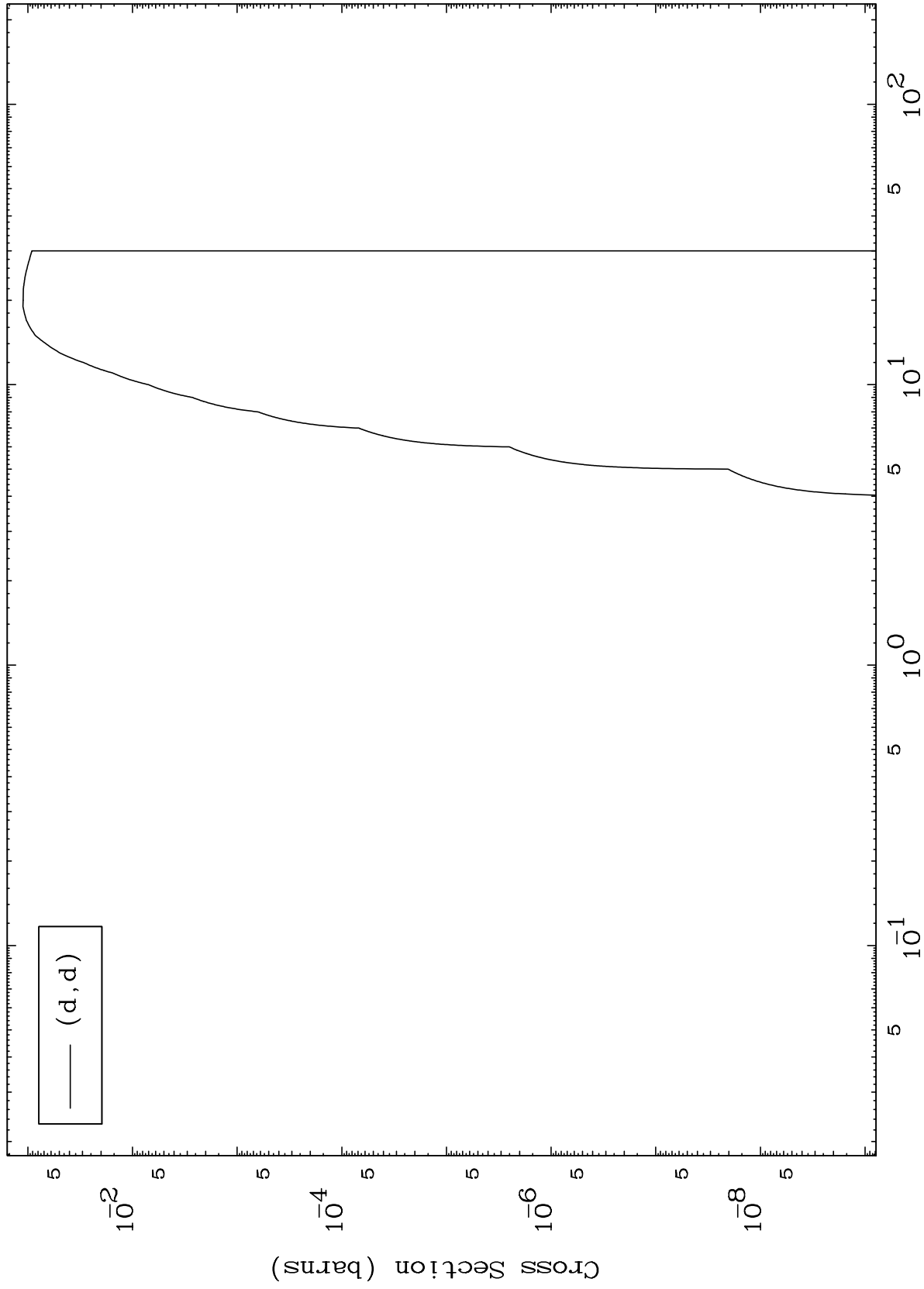
61-Pm-138



7

Incident Energy (MeV)

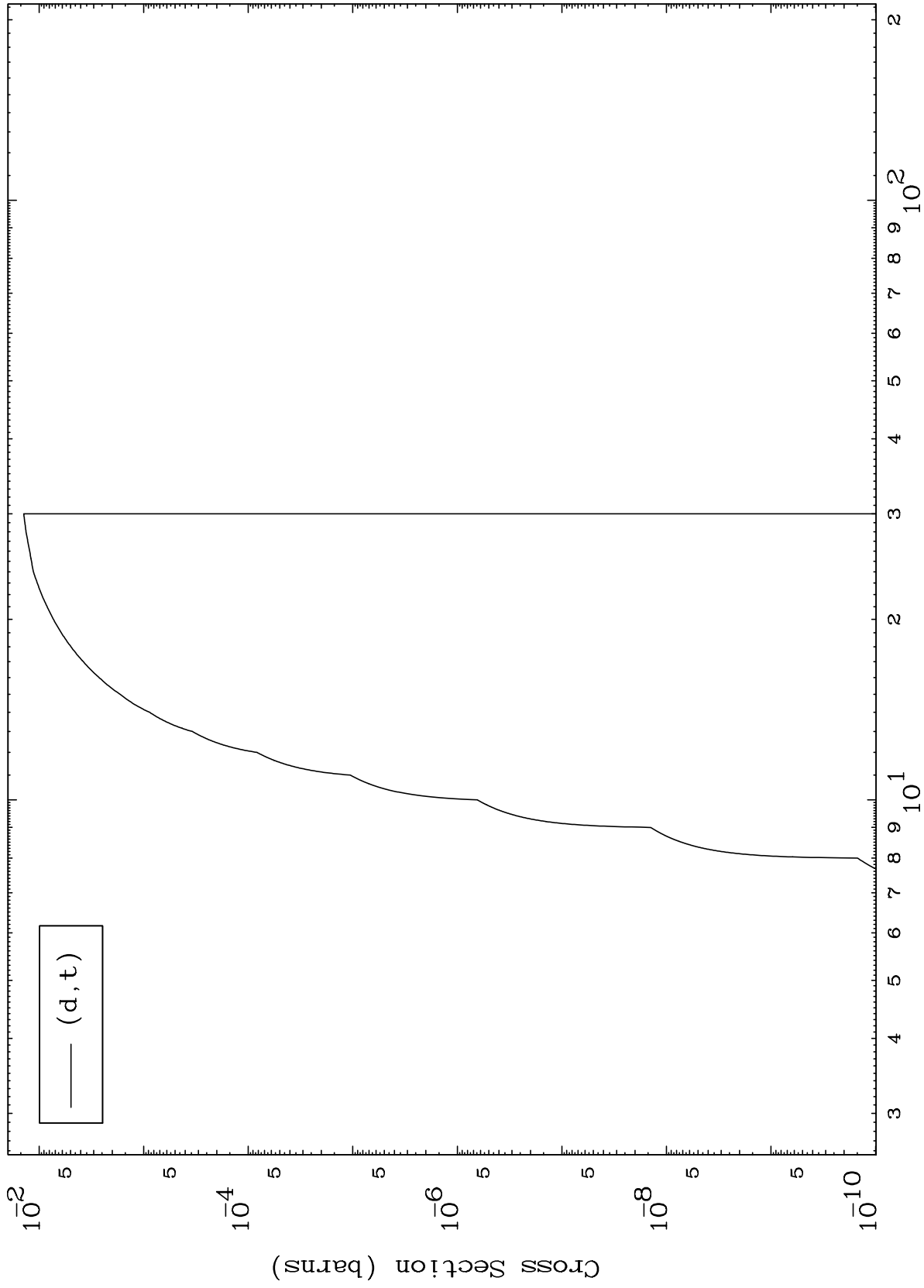
61-Pm-138



MAT 6122

(d,t) Levels
0 Kelvin Cross Sections

61-Pm-138



9

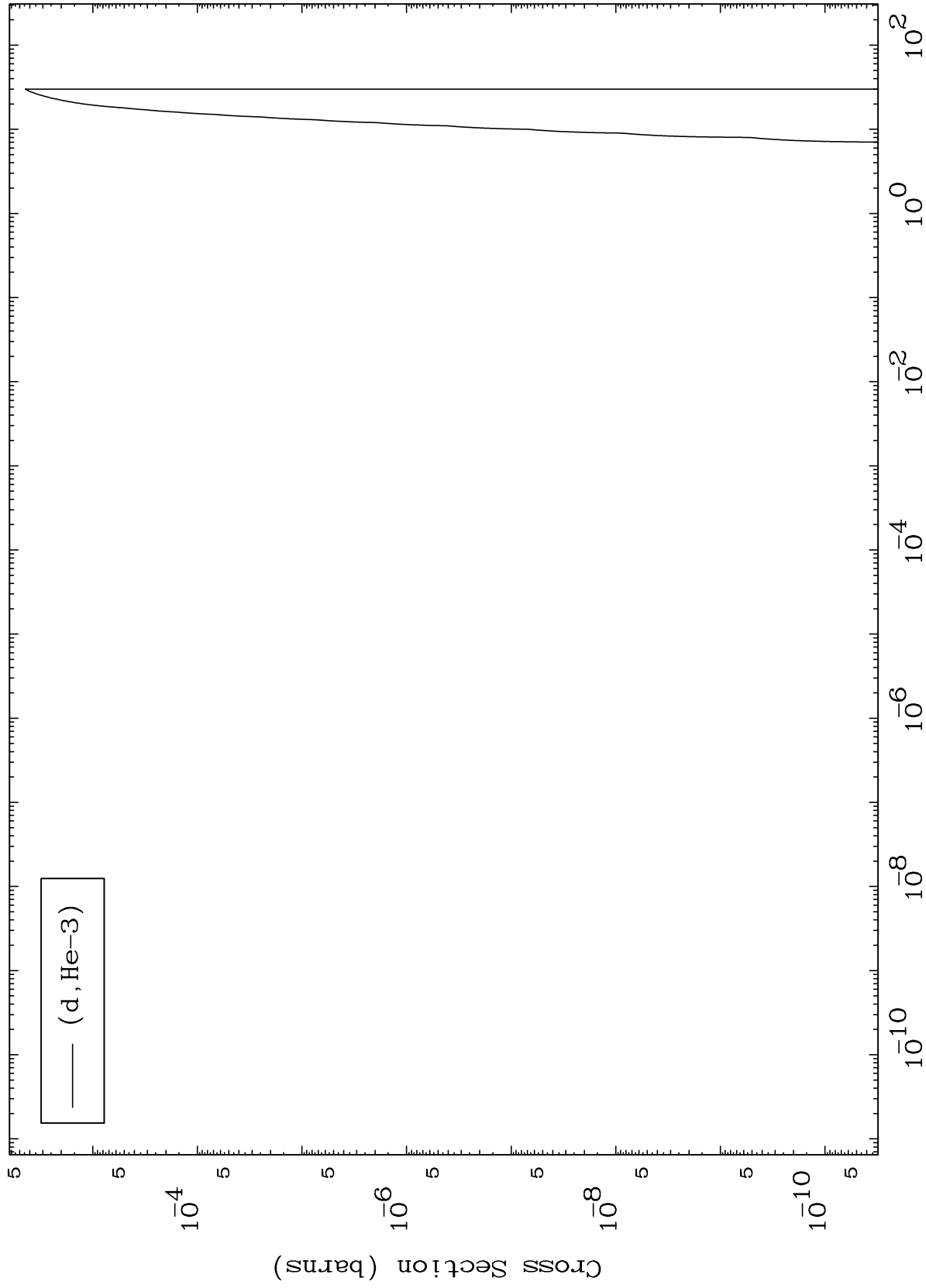
Incident Energy (MeV)

61-Pm-138

MAT 6122

(d,He3) Levels
0 Kelvin Cross Sections

61-Pm-138



10

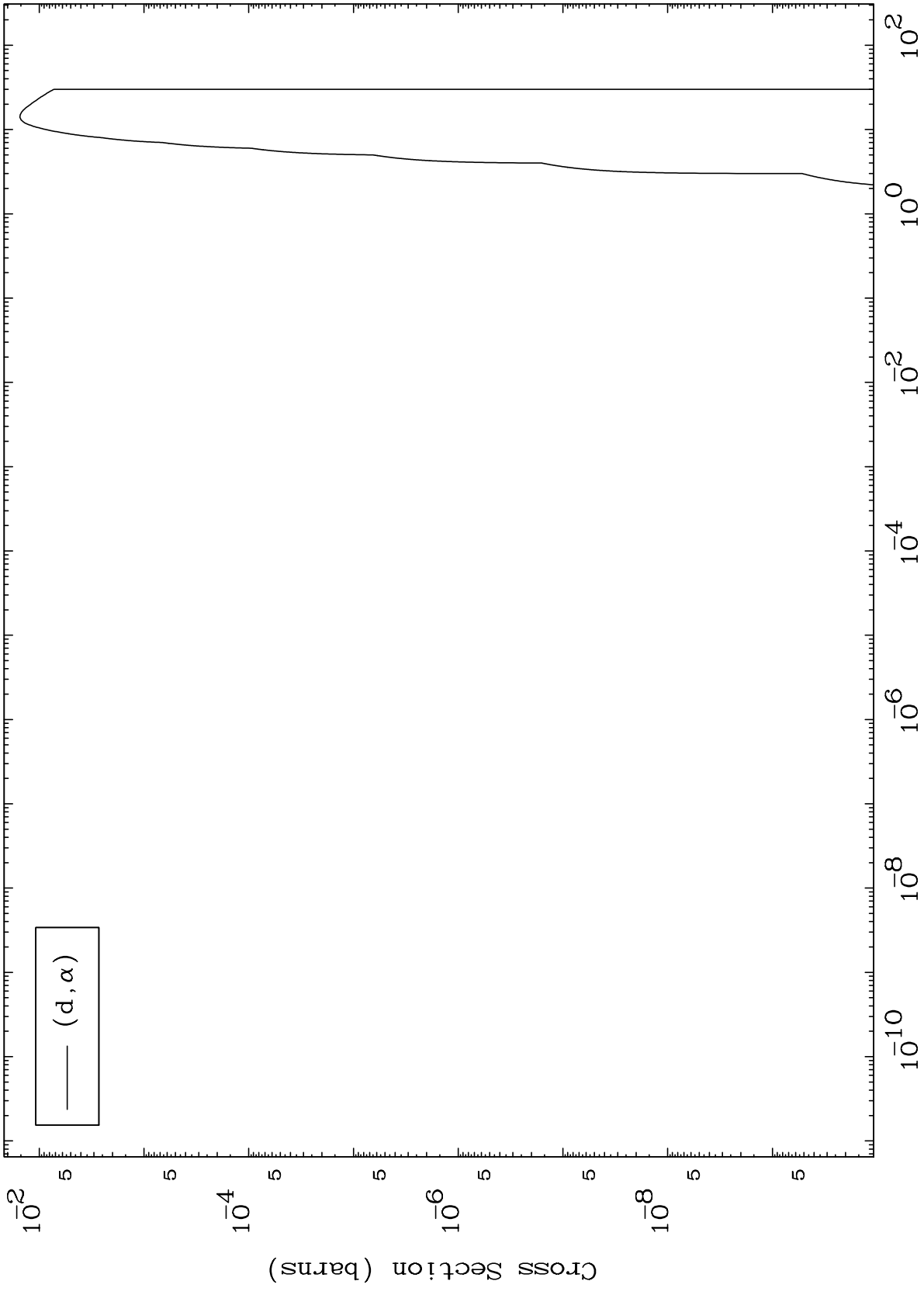
Incident Energy (MeV)

61-Pm-138

MAT 6122

(d, α) Levels
0 Kelvin Cross Sections

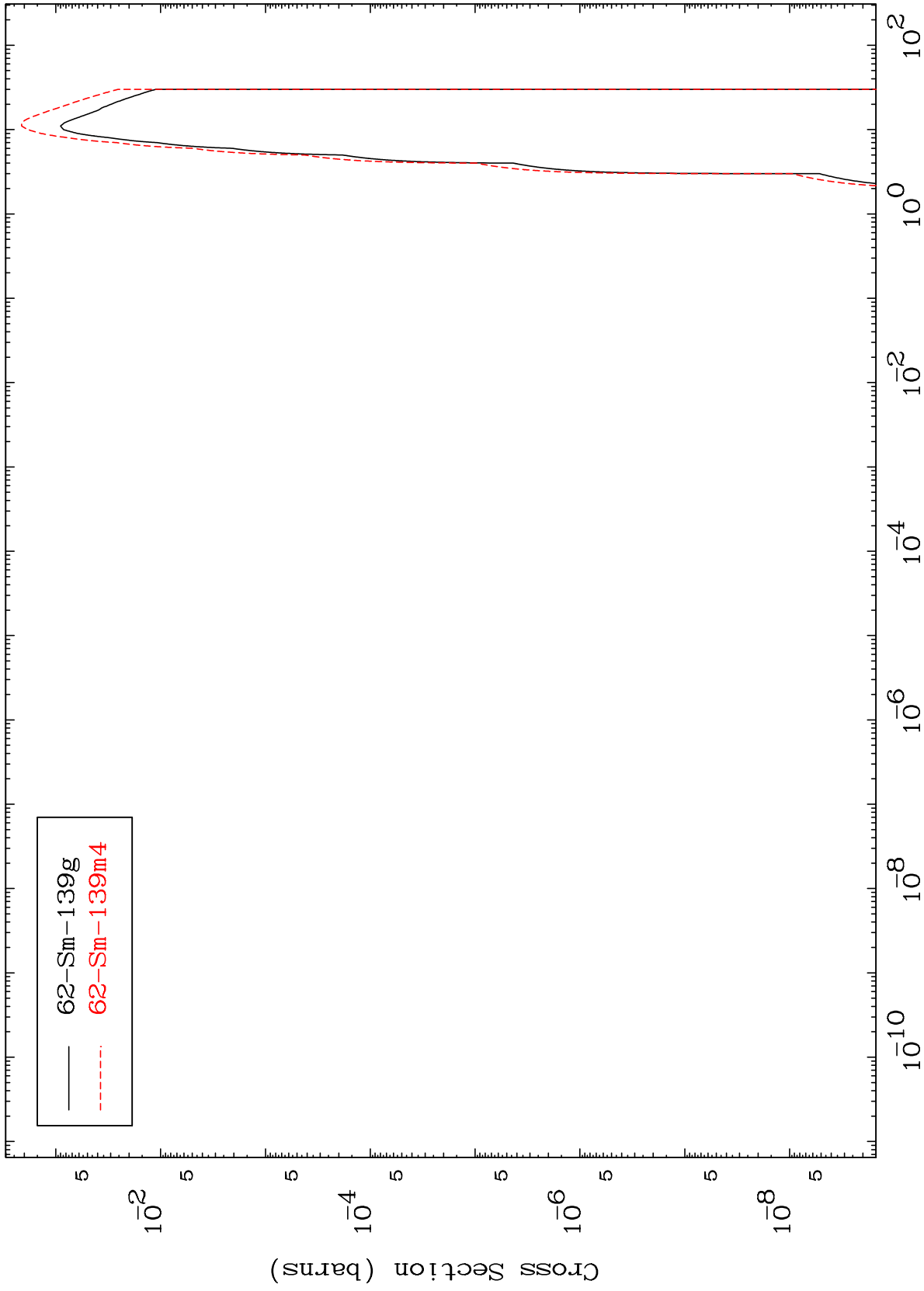
61-Pm-138



MAT 6122

Deuteron Inelastic
Radionuclide Production Cross Section

61-Pm-138

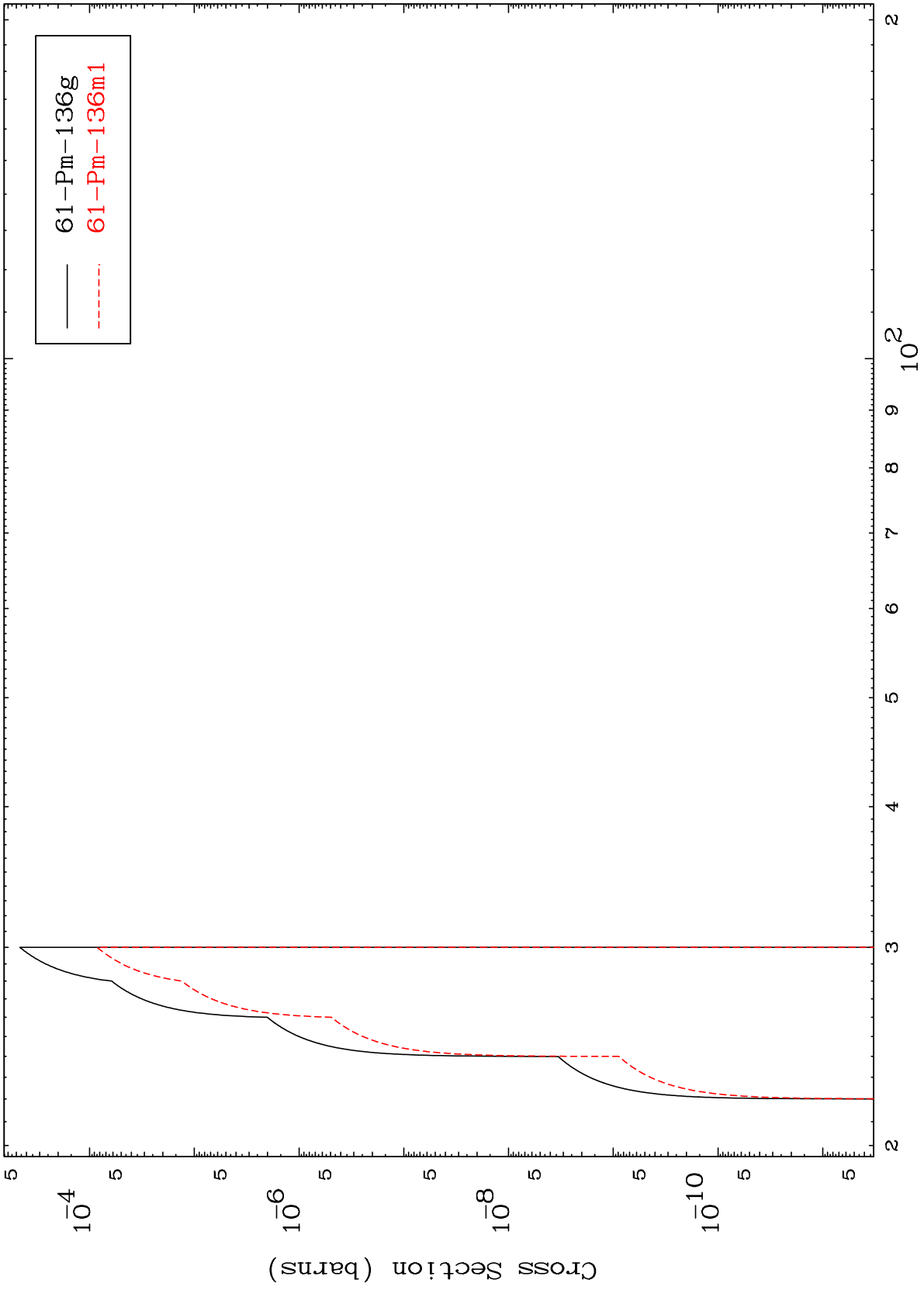


MAT 6122

(d,2n) d

61-Pm-138

Radionuclide Production Cross Section



13

Incident Energy (MeV)

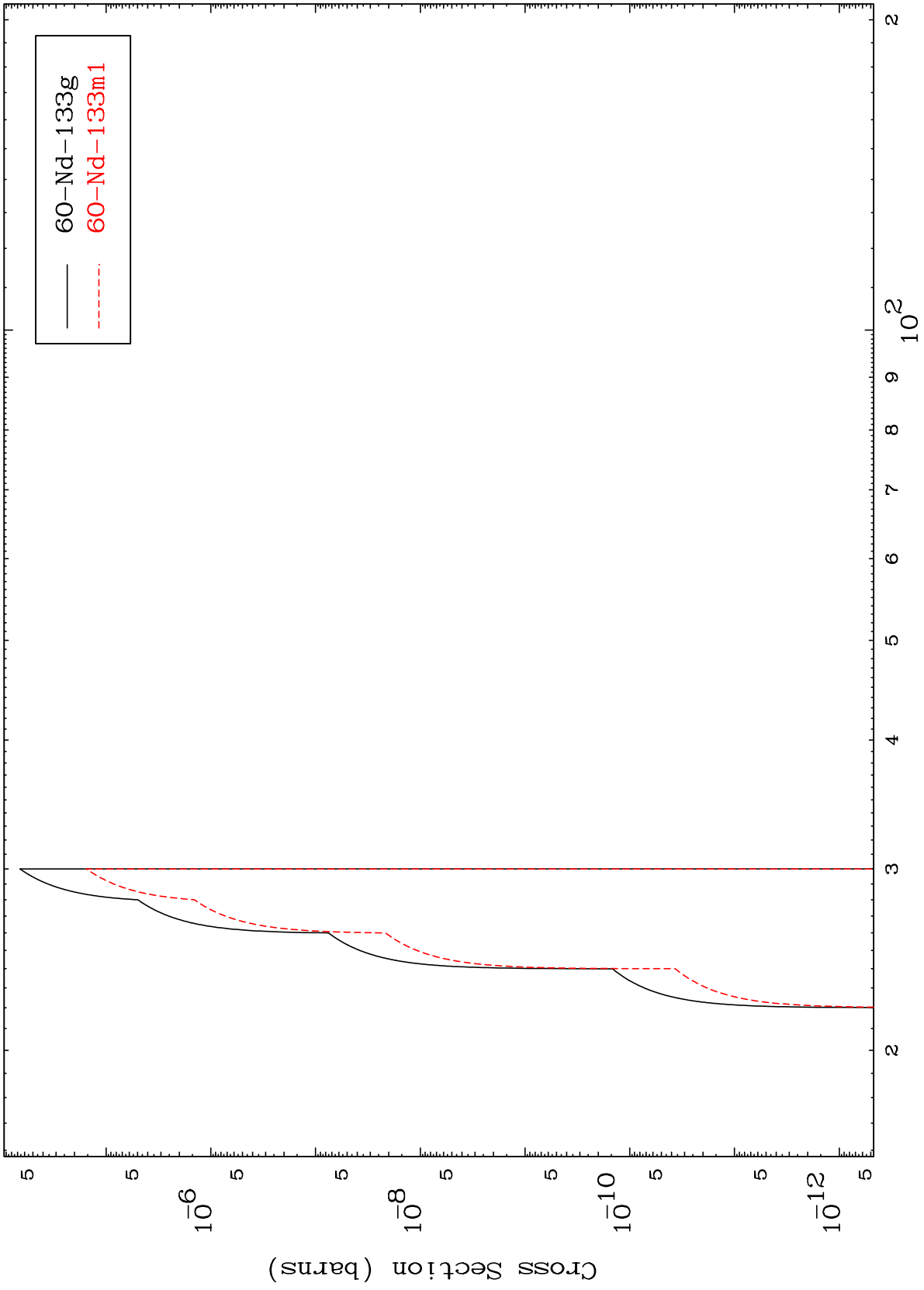
61-Pm-138

MAT 6122

(d,3n) α

61-Pm-138

Radionuclide Production Cross Section



14

Incident Energy (MeV)

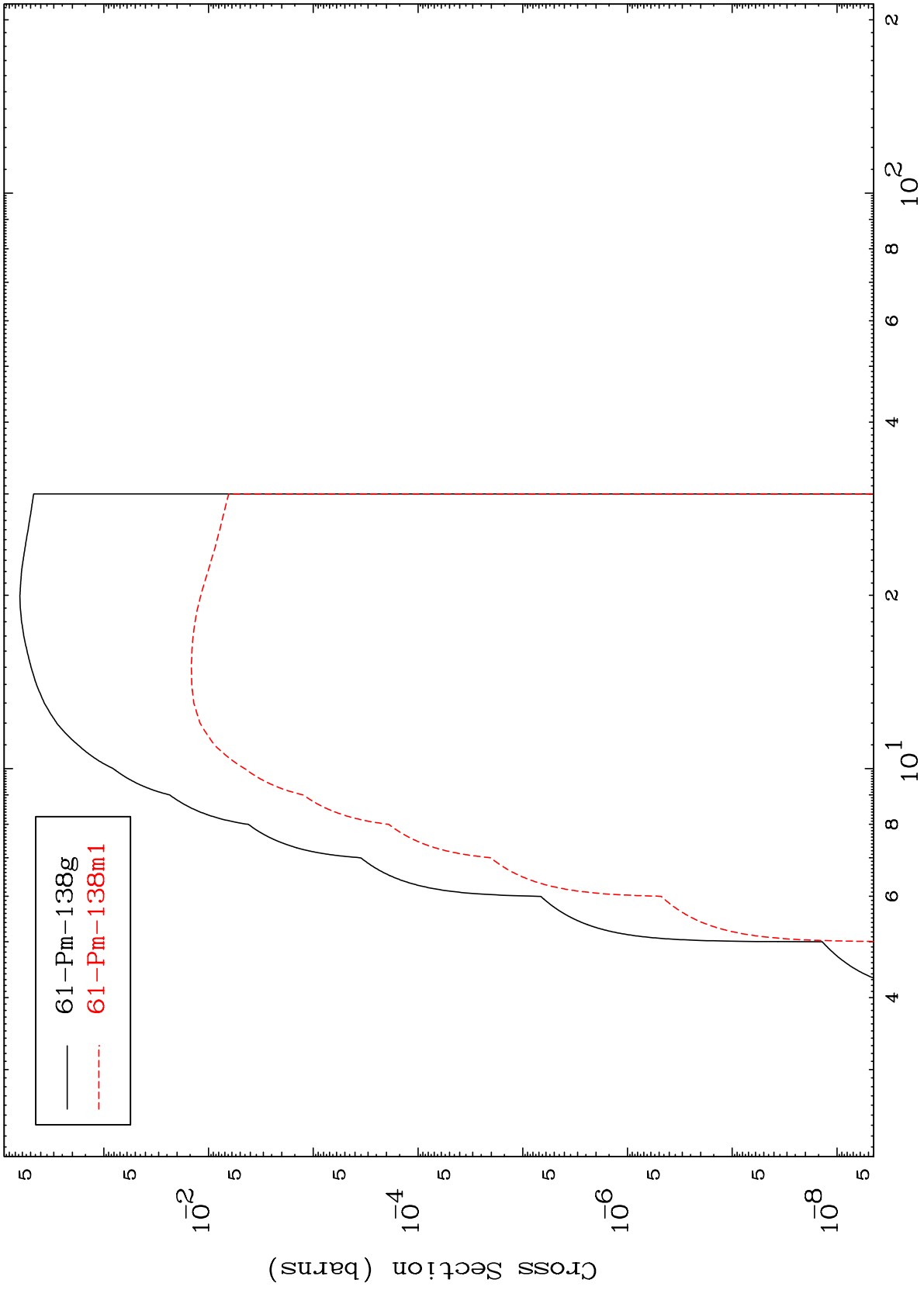
61-Pm-138

MAT 6122

(d,n') p

61-Pm-138

Radionuclide Production Cross Section



15

Incident Energy (MeV)

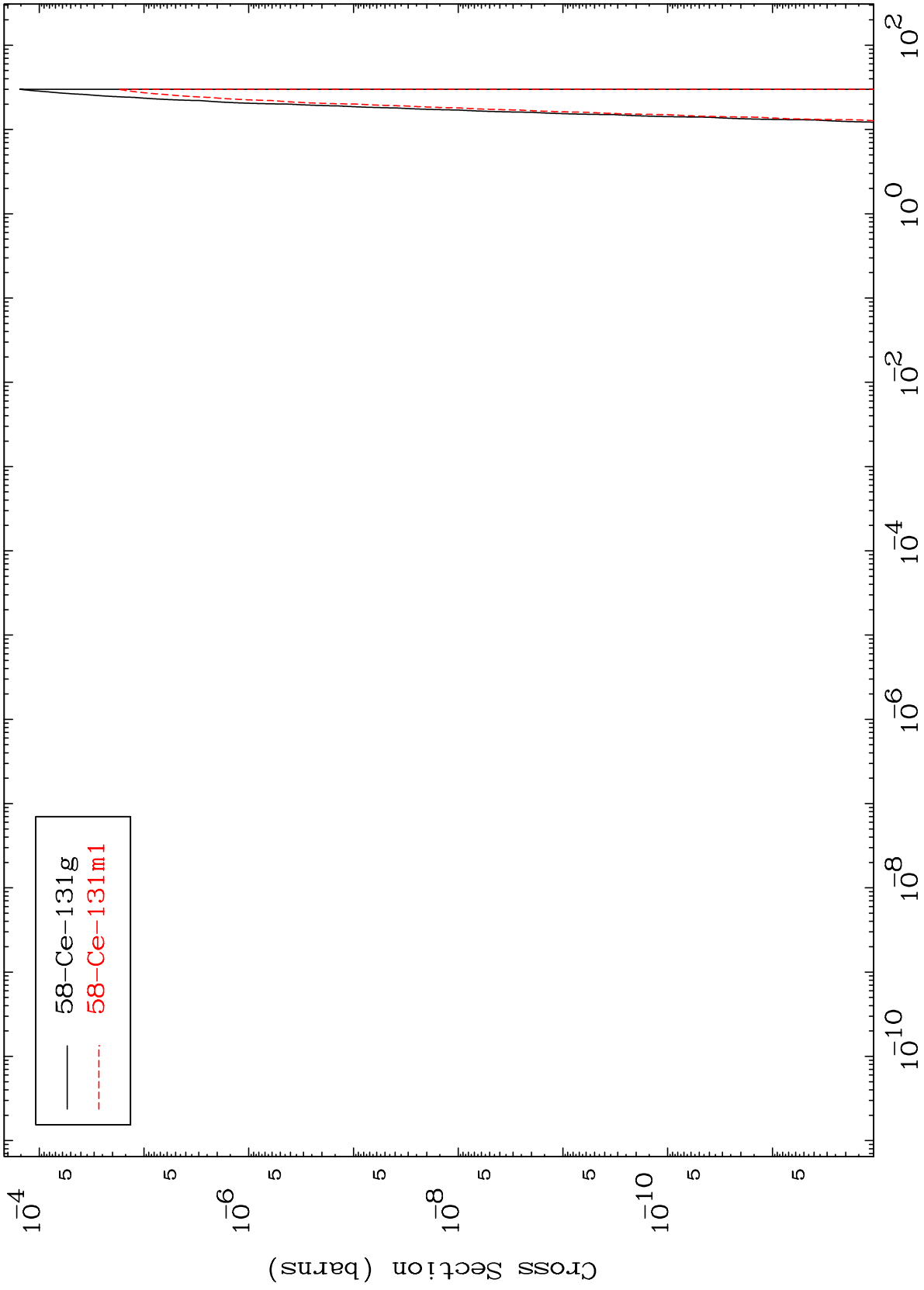
61-Pm-138

MAT 6122

(d,n') 2 α

61-Pm-138

Radionuclide Production Cross Section



16

Incident Energy (MeV)

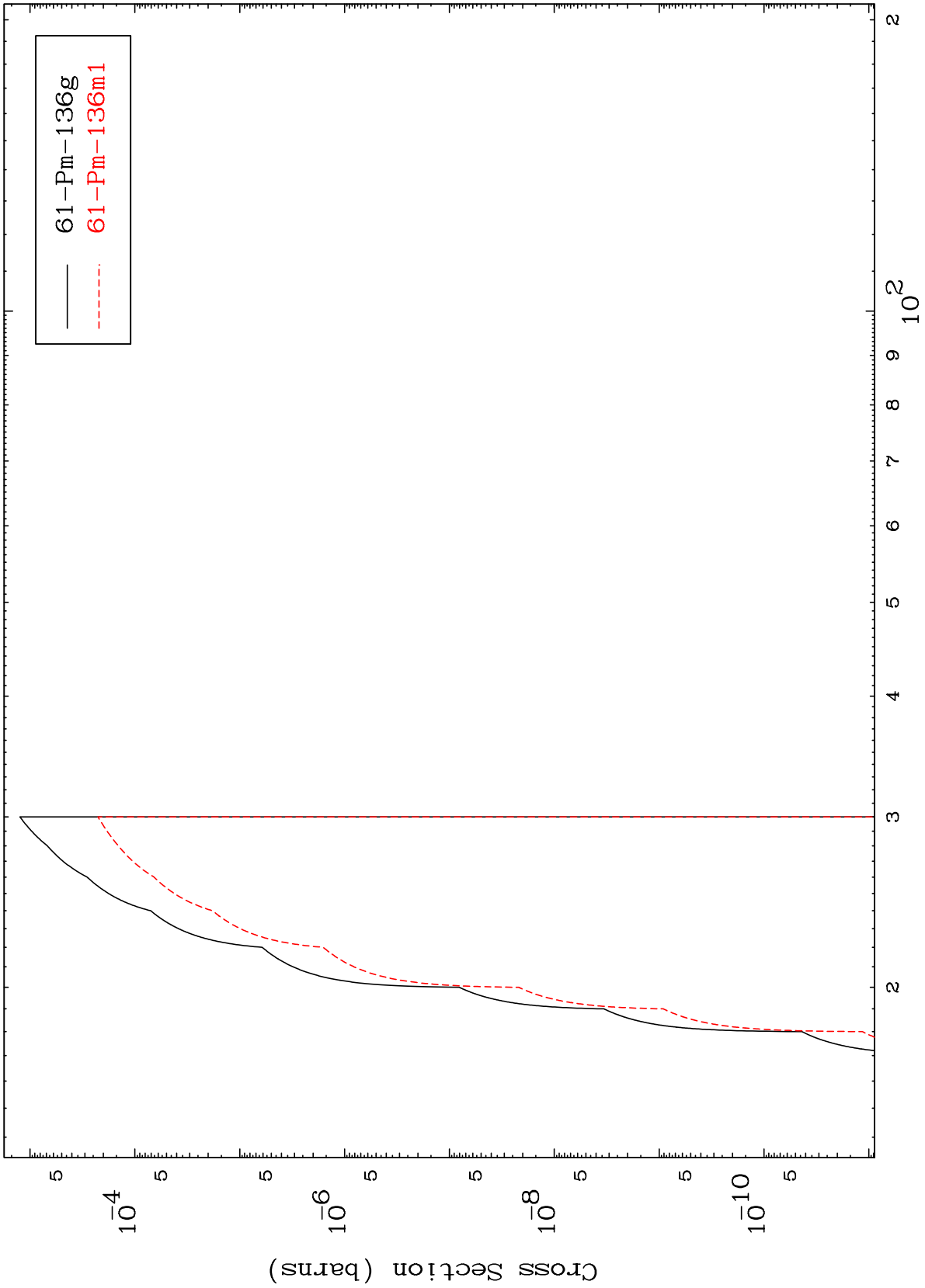
61-Pm-138

MAT 6122

(d,n') t

61-Pm-138

Radionuclide Production Cross Section



17

Incident Energy (MeV)

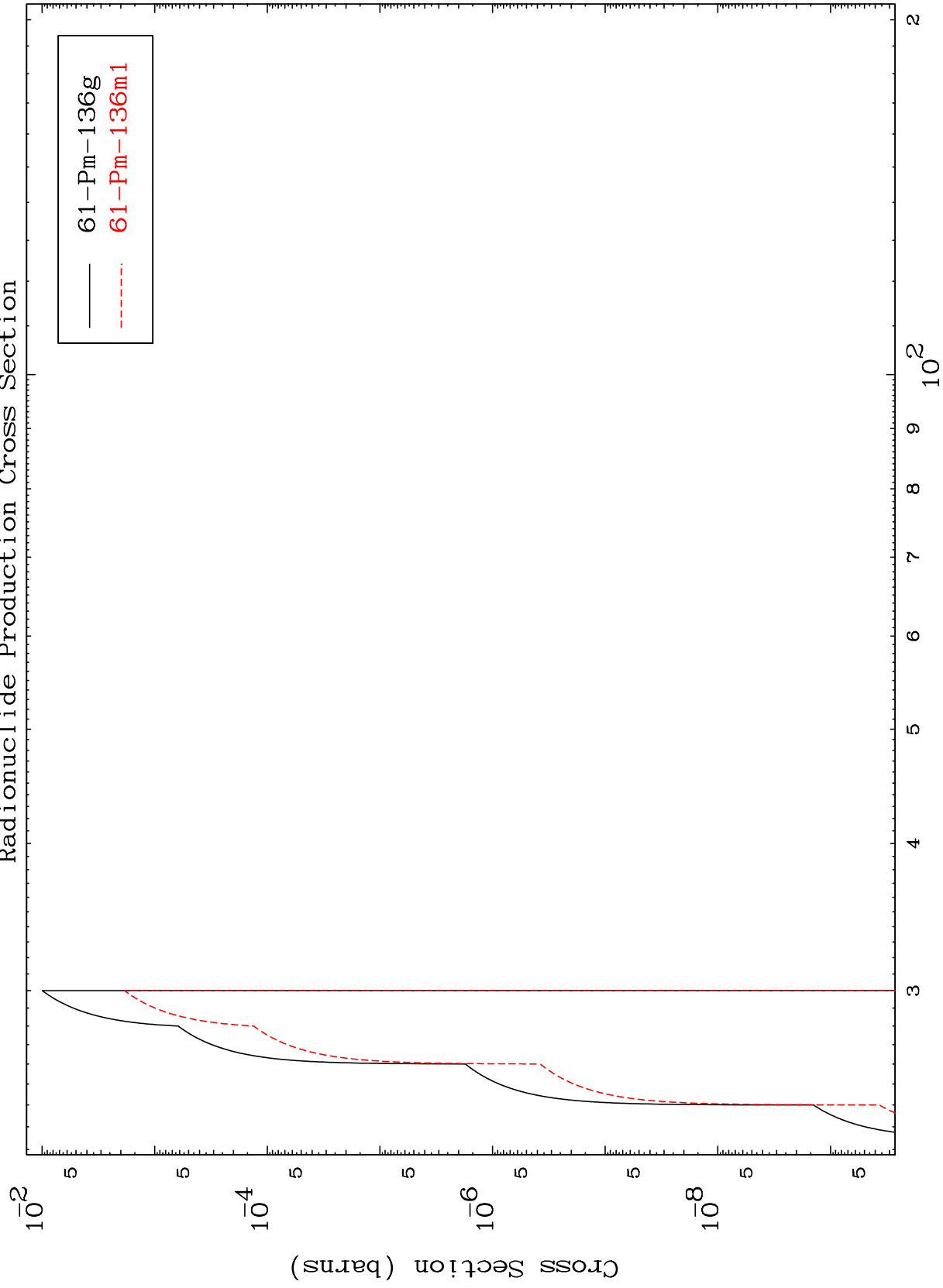
61-Pm-138

MAT 6122

(d,3n) p

61-Pm-138

Radionuclide Production Cross Section



18

Incident Energy (MeV)

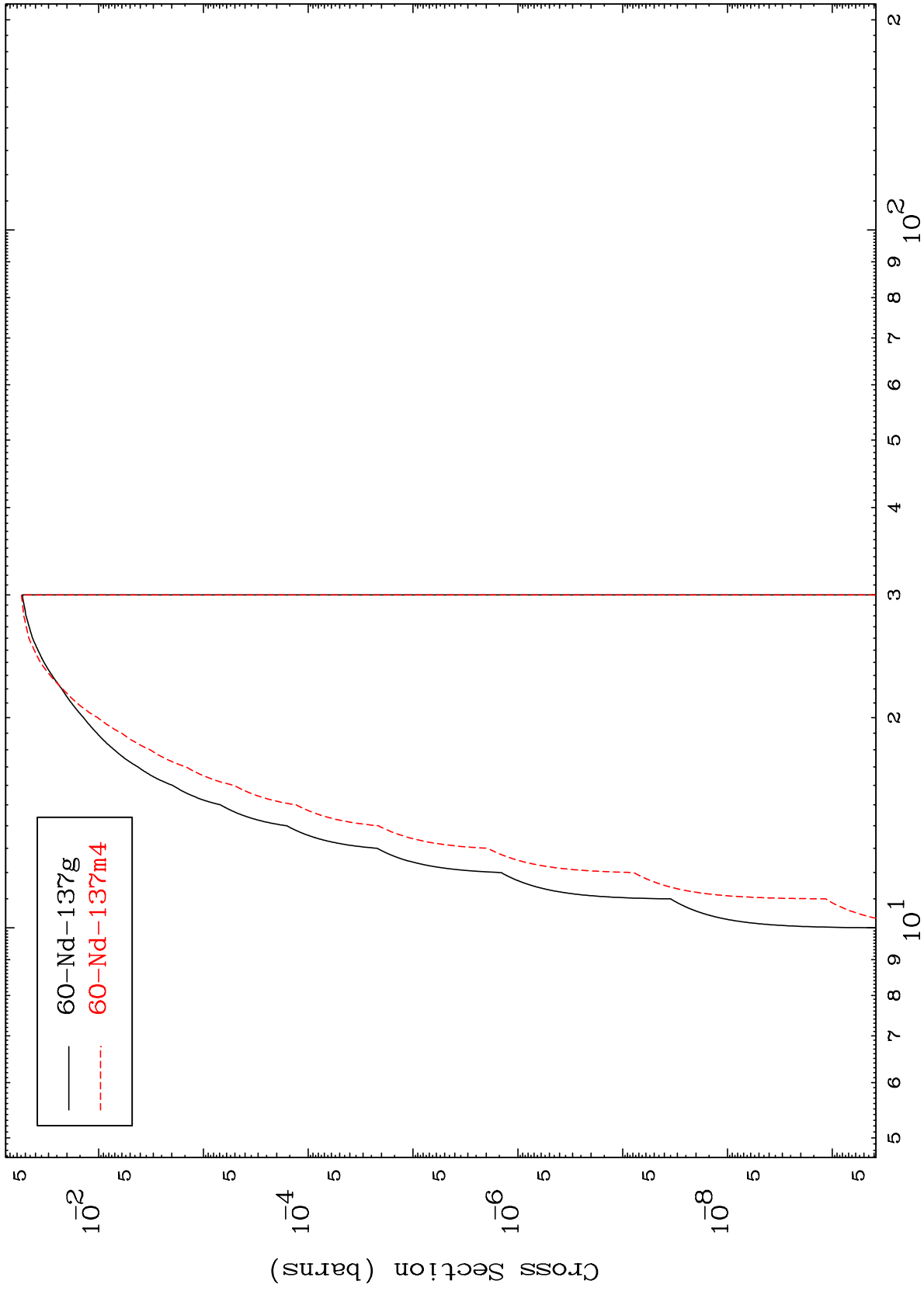
61-Pm-138

MAT 6122

(d,2n) p

61-Pm-138

Radionuclide Production Cross Section



19

Incident Energy (MeV)

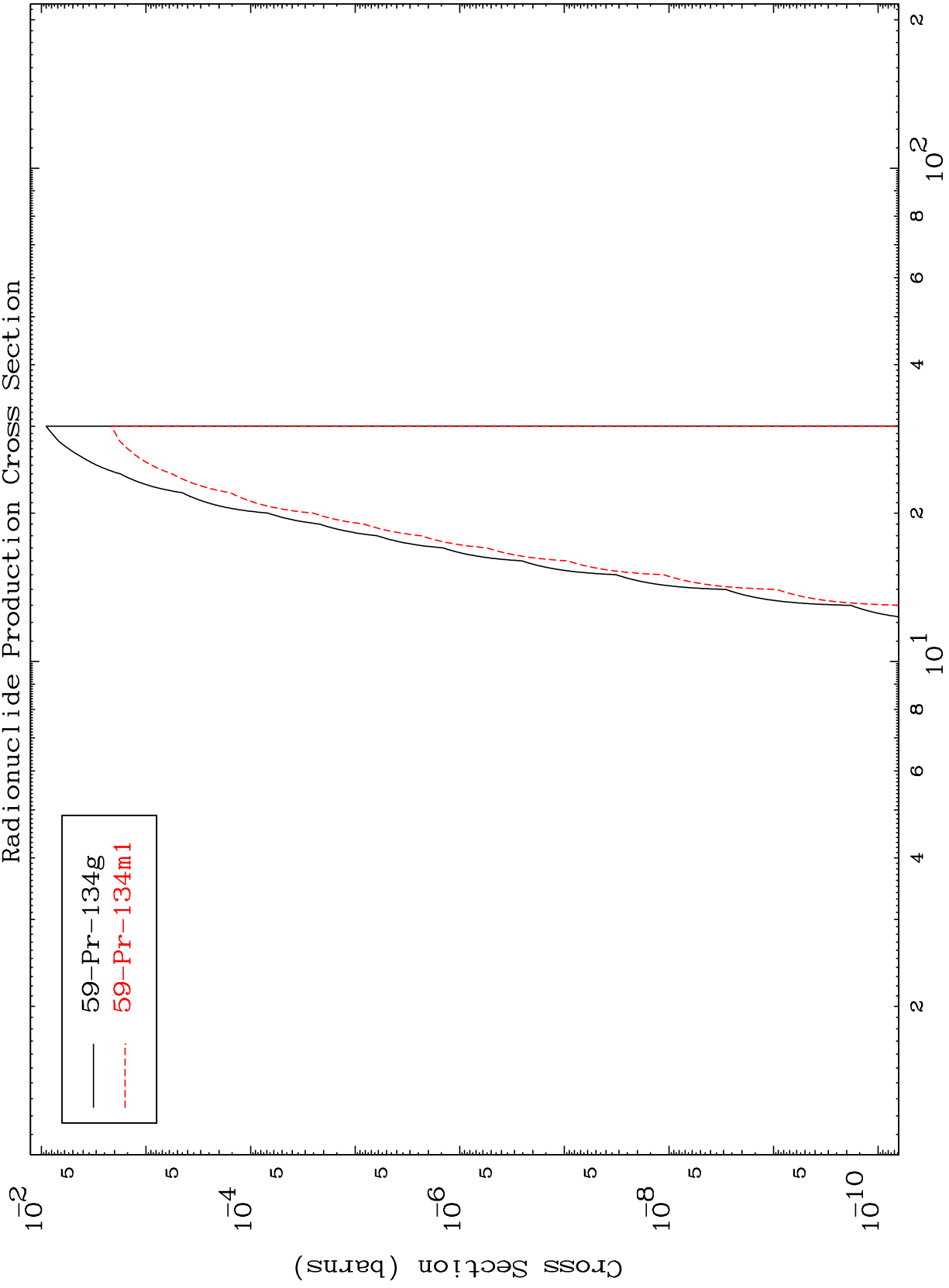
61-Pm-138

MAT 6122

(d,n') p α

61-Pm-138

Radionuclide Production Cross Section



20

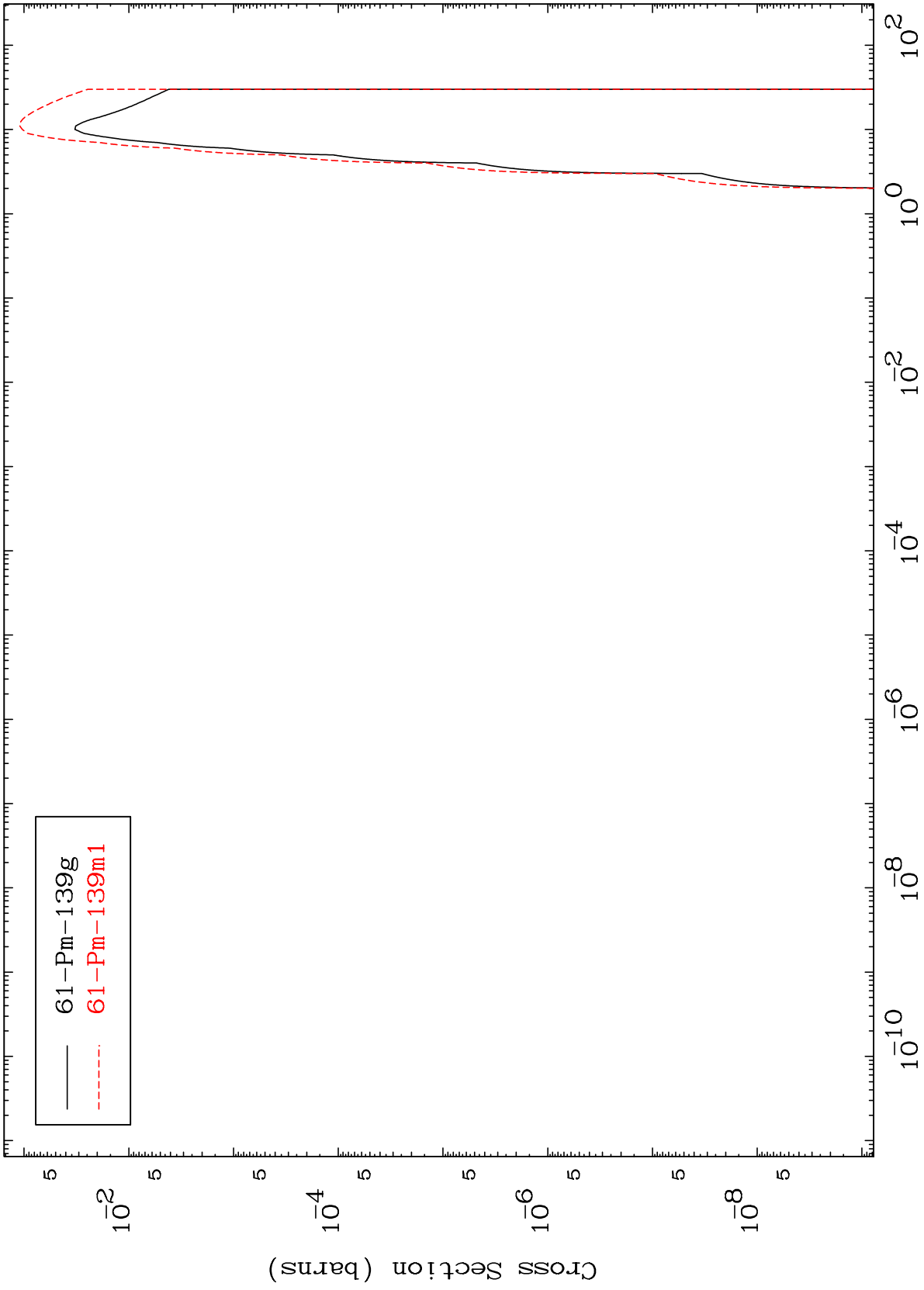
Incident Energy (MeV)

61-Pm-138

MAT 6122

(d,p)
Radionuclide Production Cross Section

⁶¹Pm-138



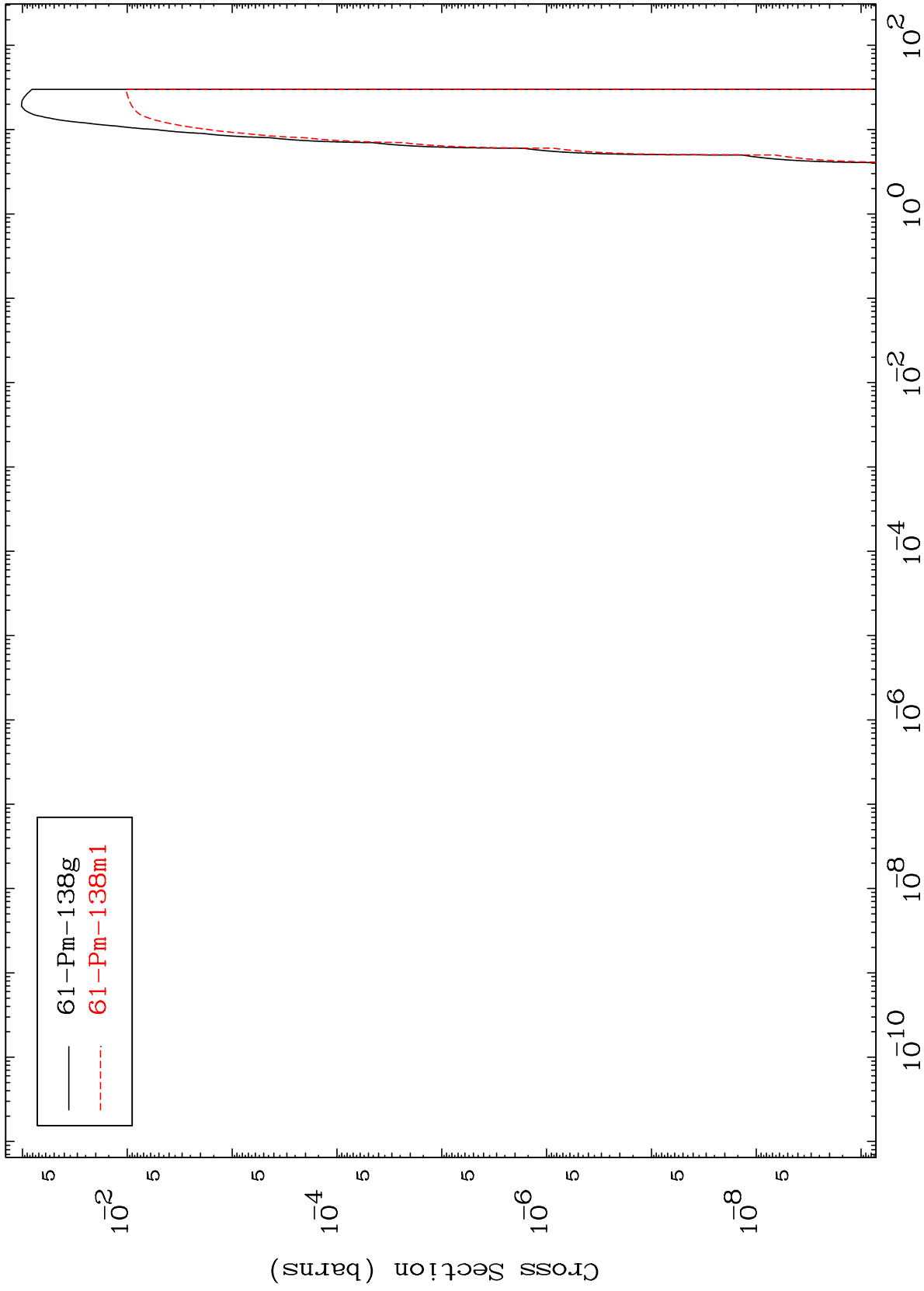
⁶¹Pm-138

MAT 6122

(d,d)

61-Pm-138

Radionuclide Production Cross Section



22

61-Pm-138

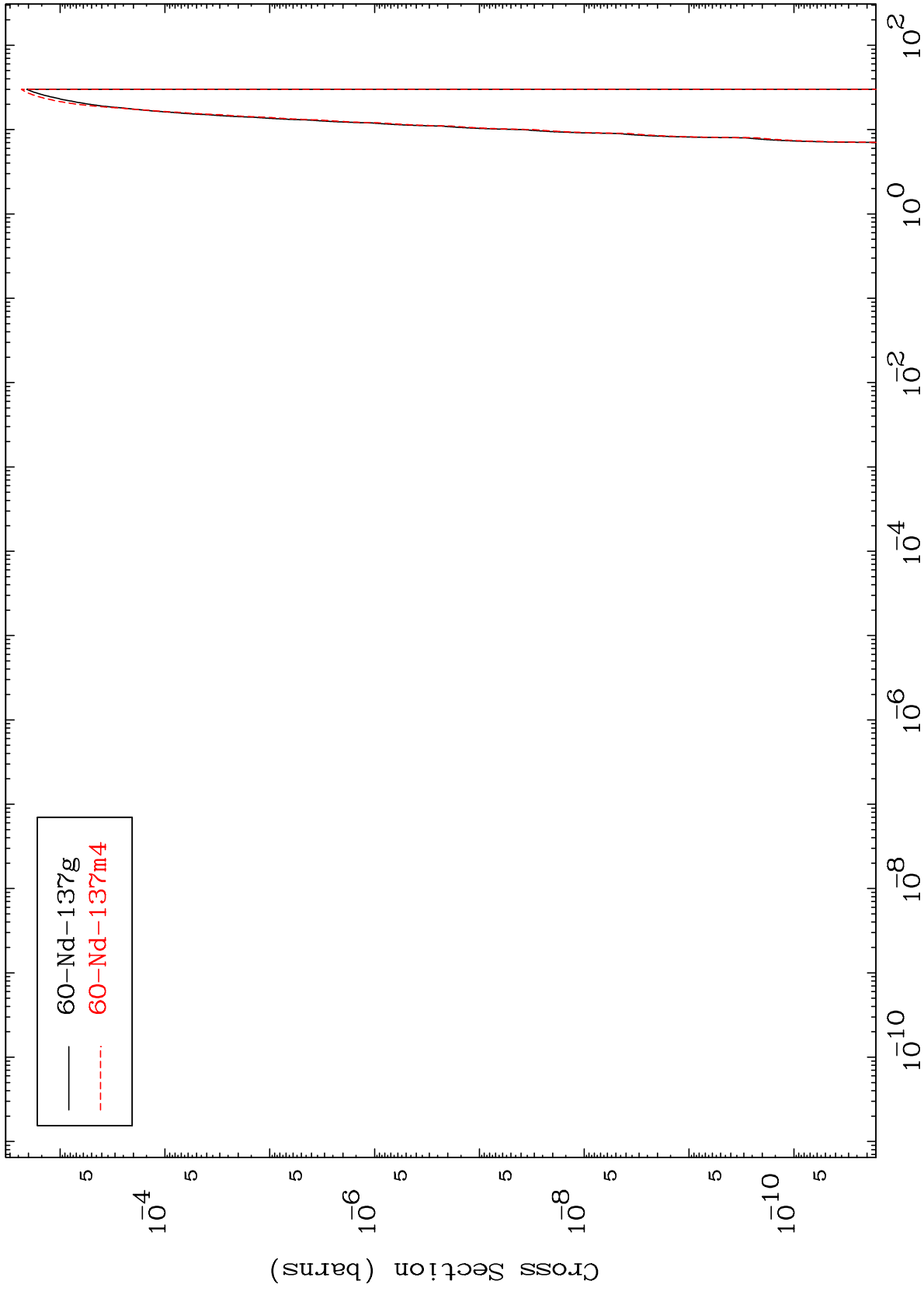
61-Pm-138

MAT 6122

(d, He-3)

61-Pm-138

Radionuclide Production Cross Section



23

Incident Energy (MeV)

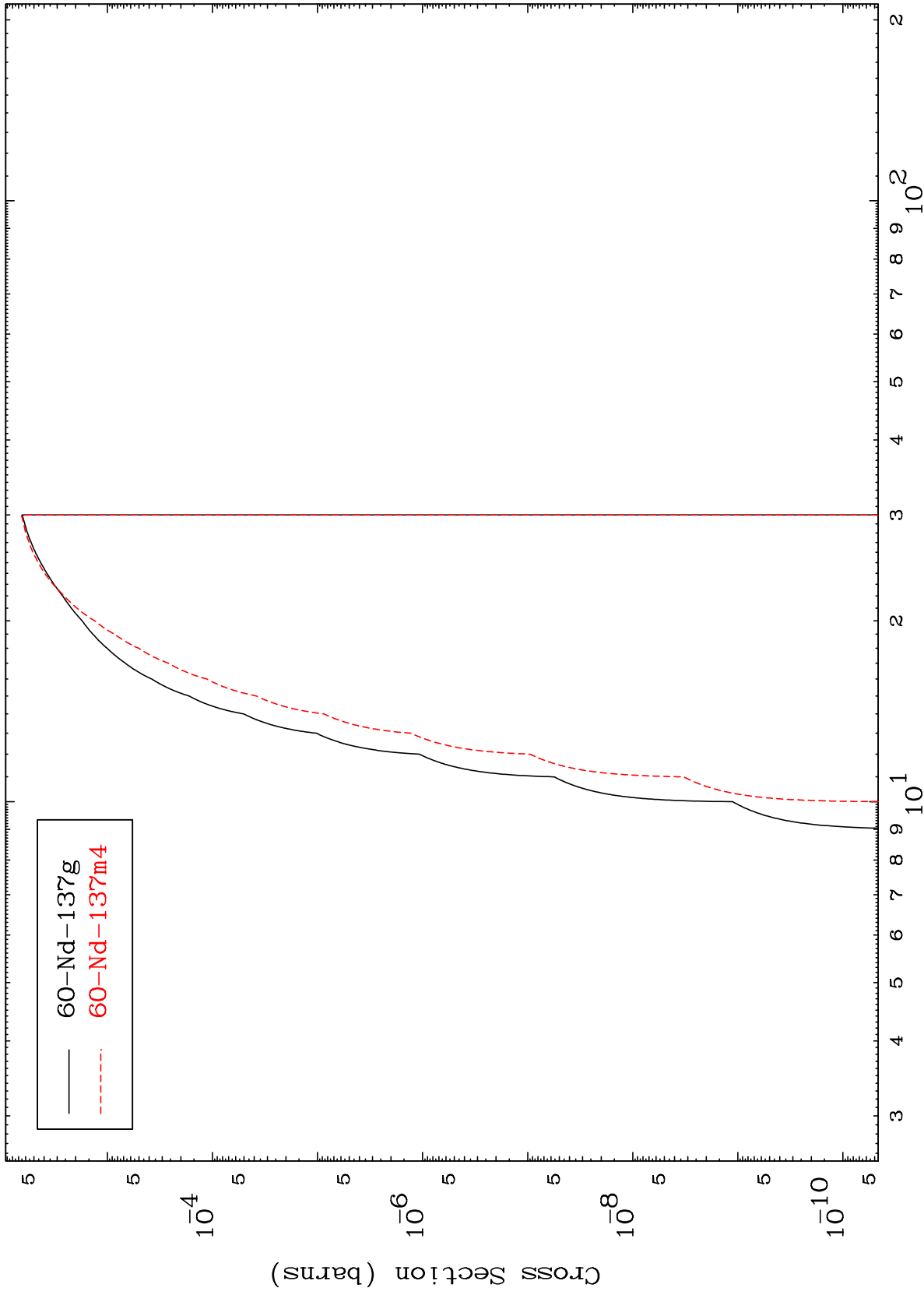
61-Pm-138

MAT 6122

(d,p) d

61-Pm-138

Radionuclide Production Cross Section



24

Incident Energy (MeV)

61-Pm-138

MAT 6122

(d,d) α

⁶¹Pm-138

