

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

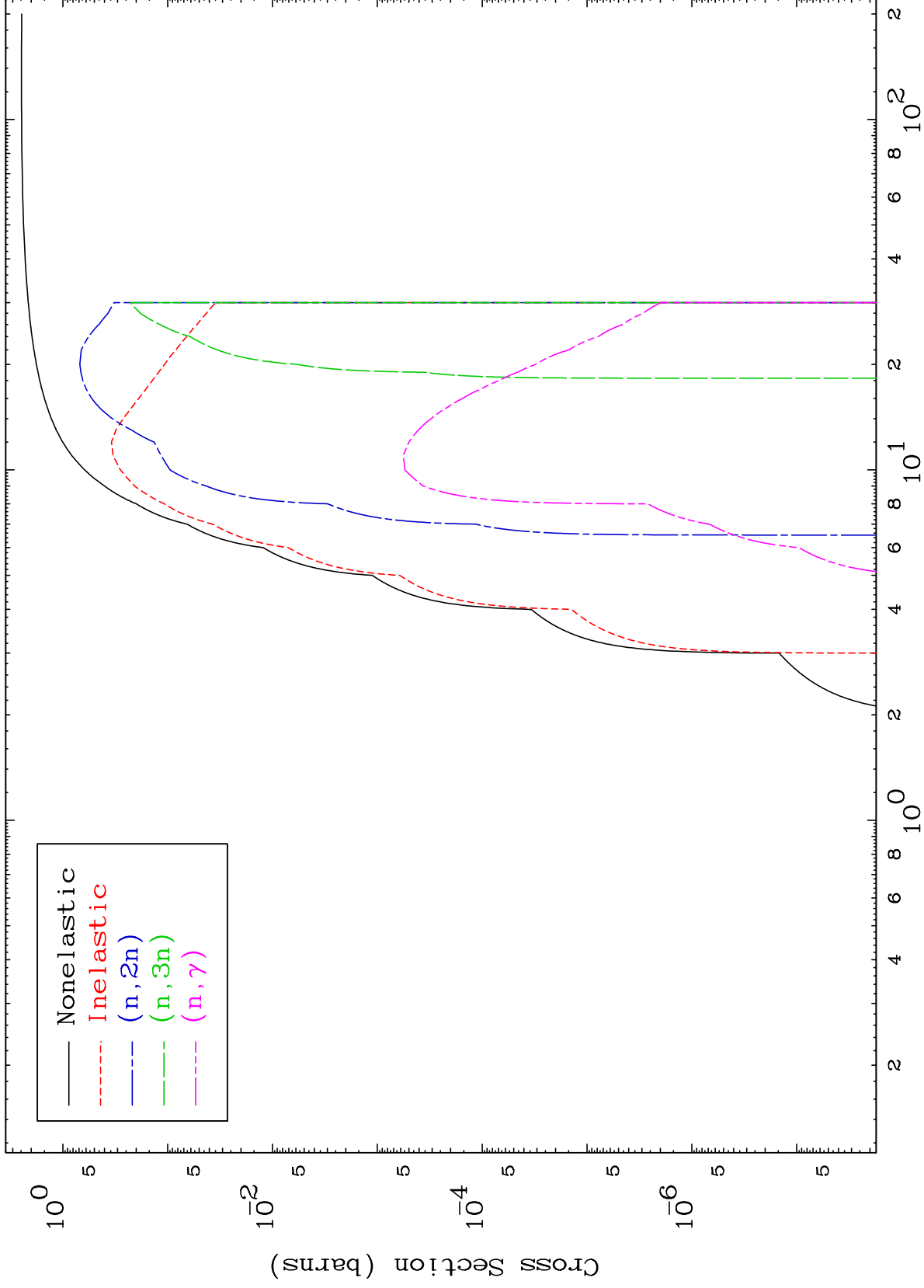
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

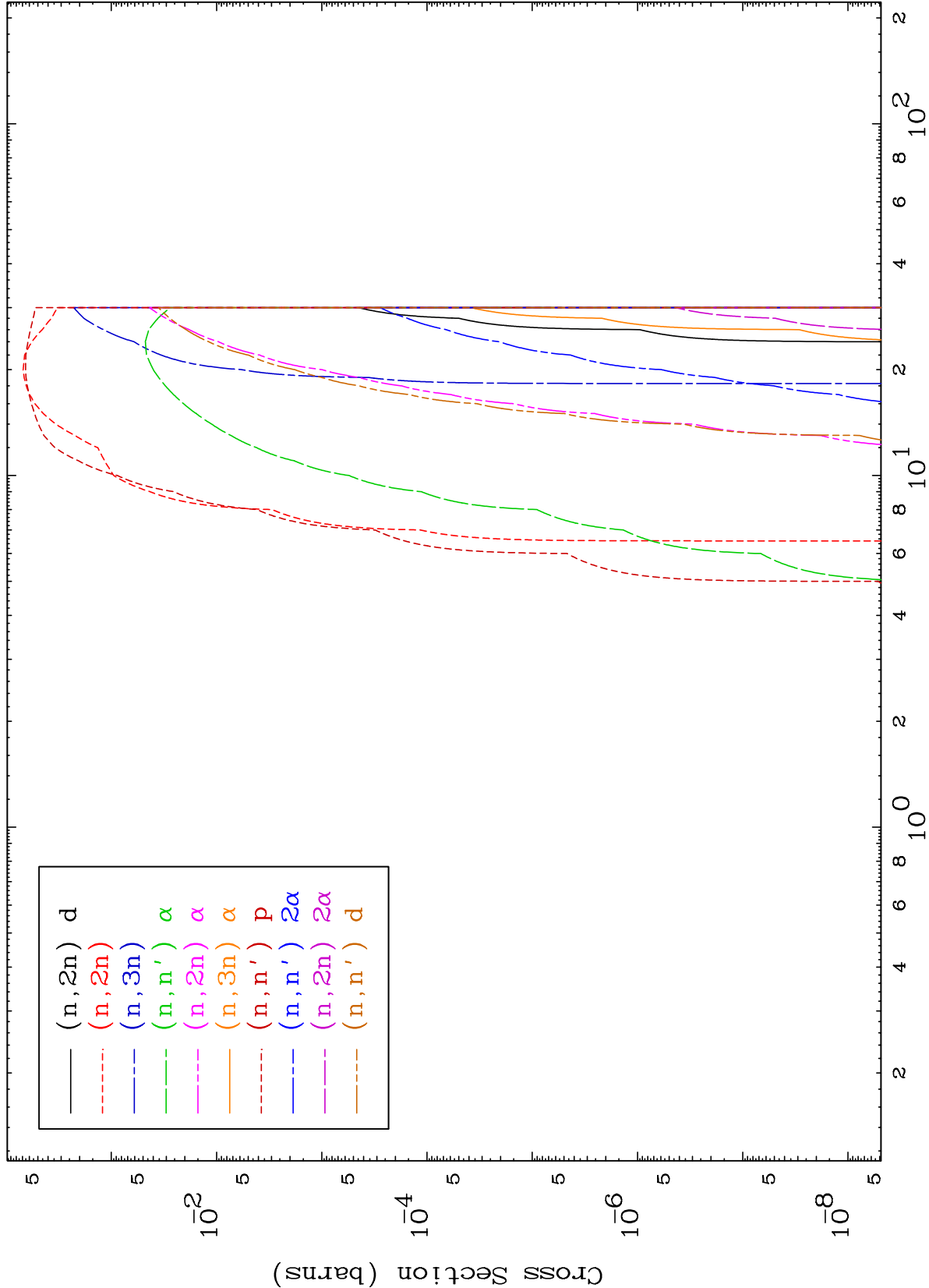
Tele: 925-443-1911

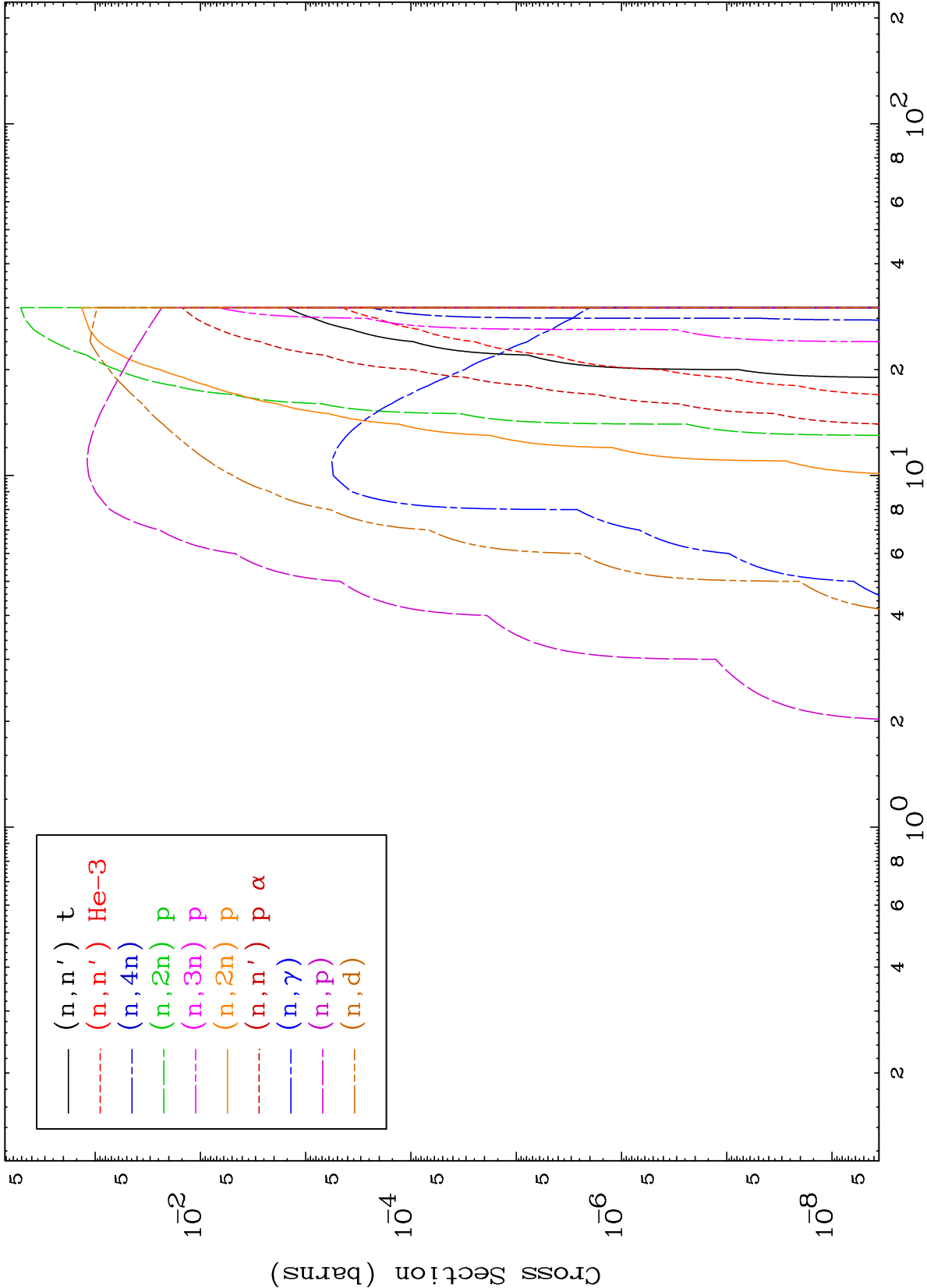
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

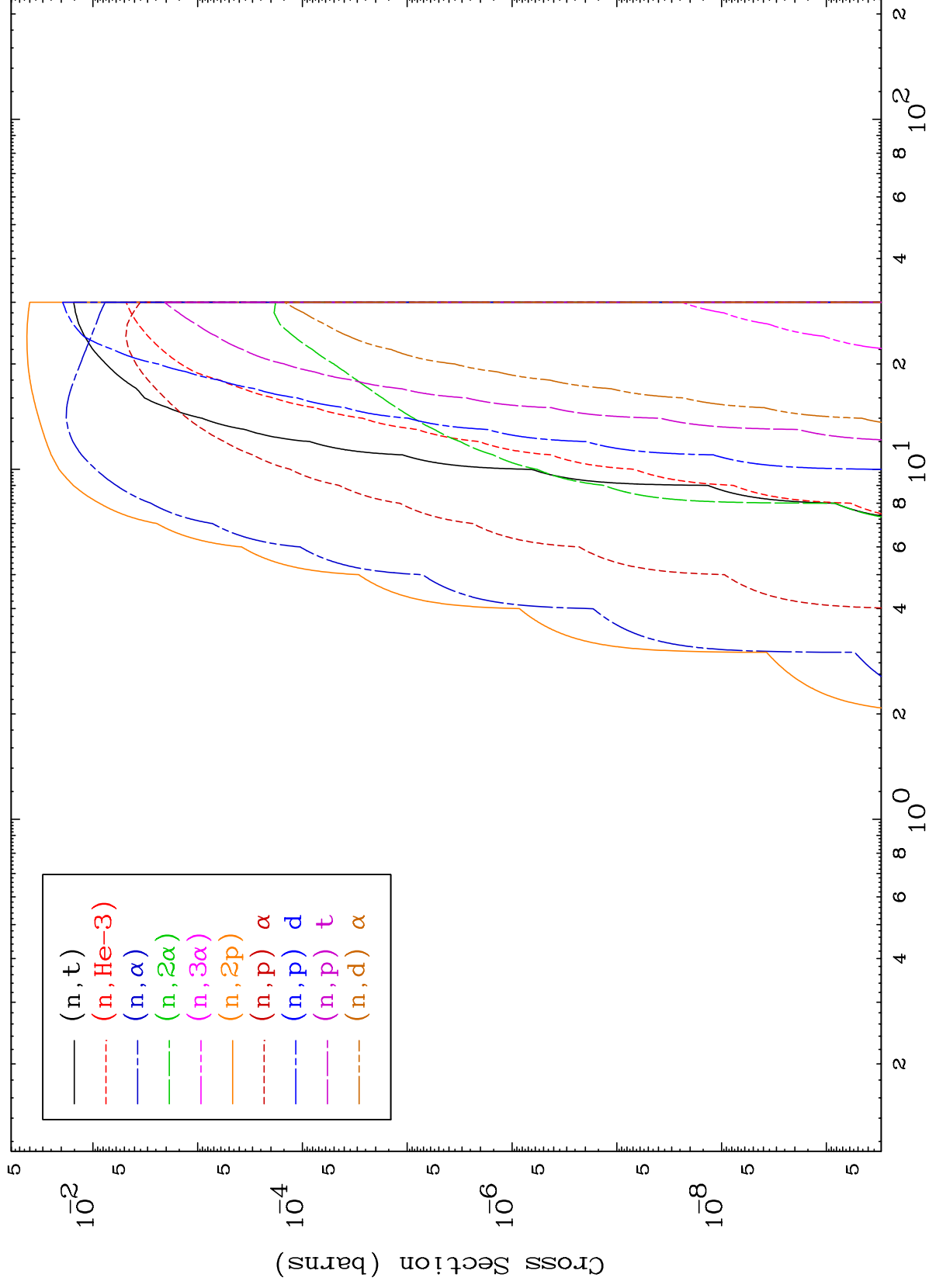
Press Mouse Button to Start

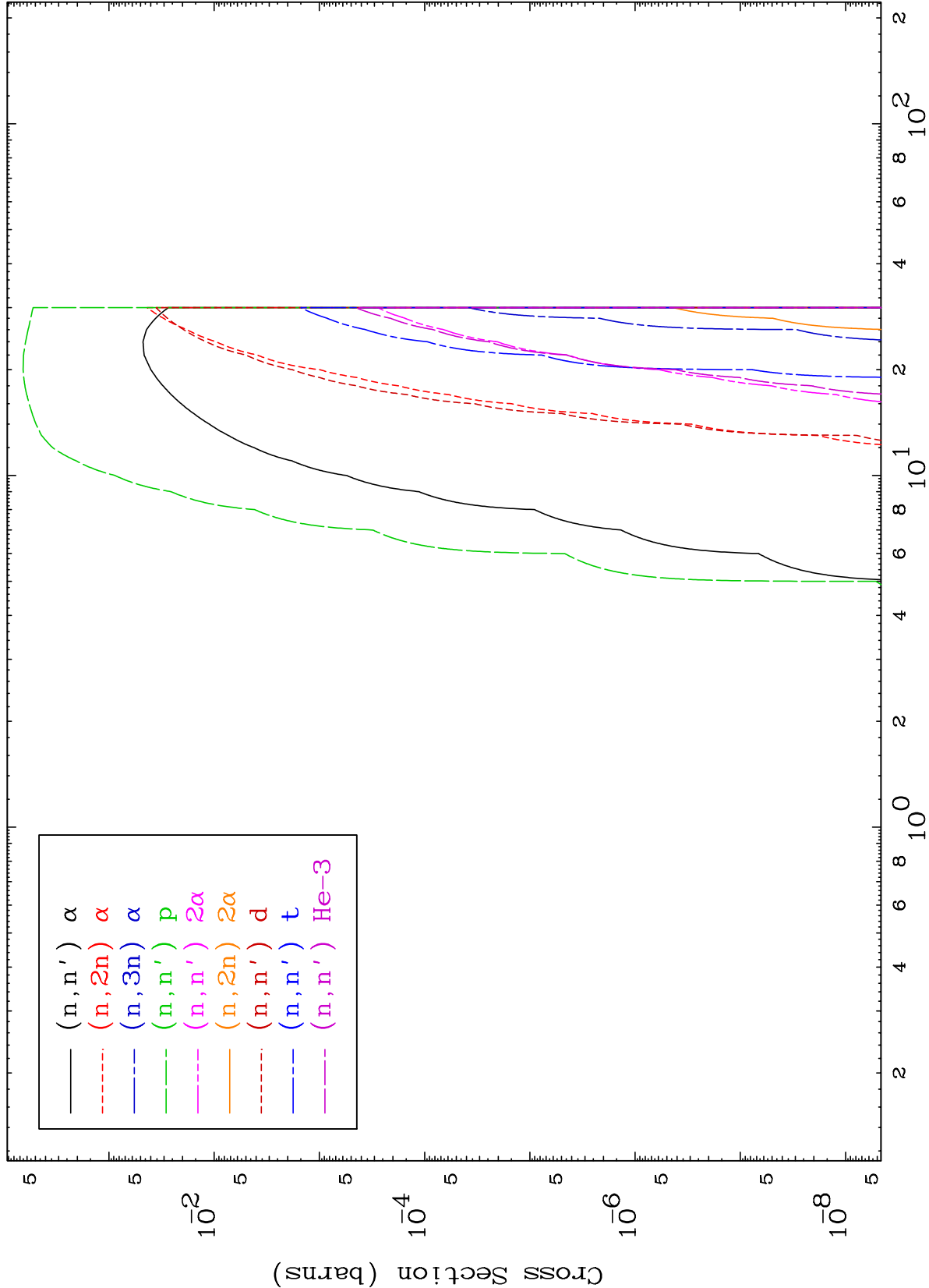
0 Kelvin Cross Sections

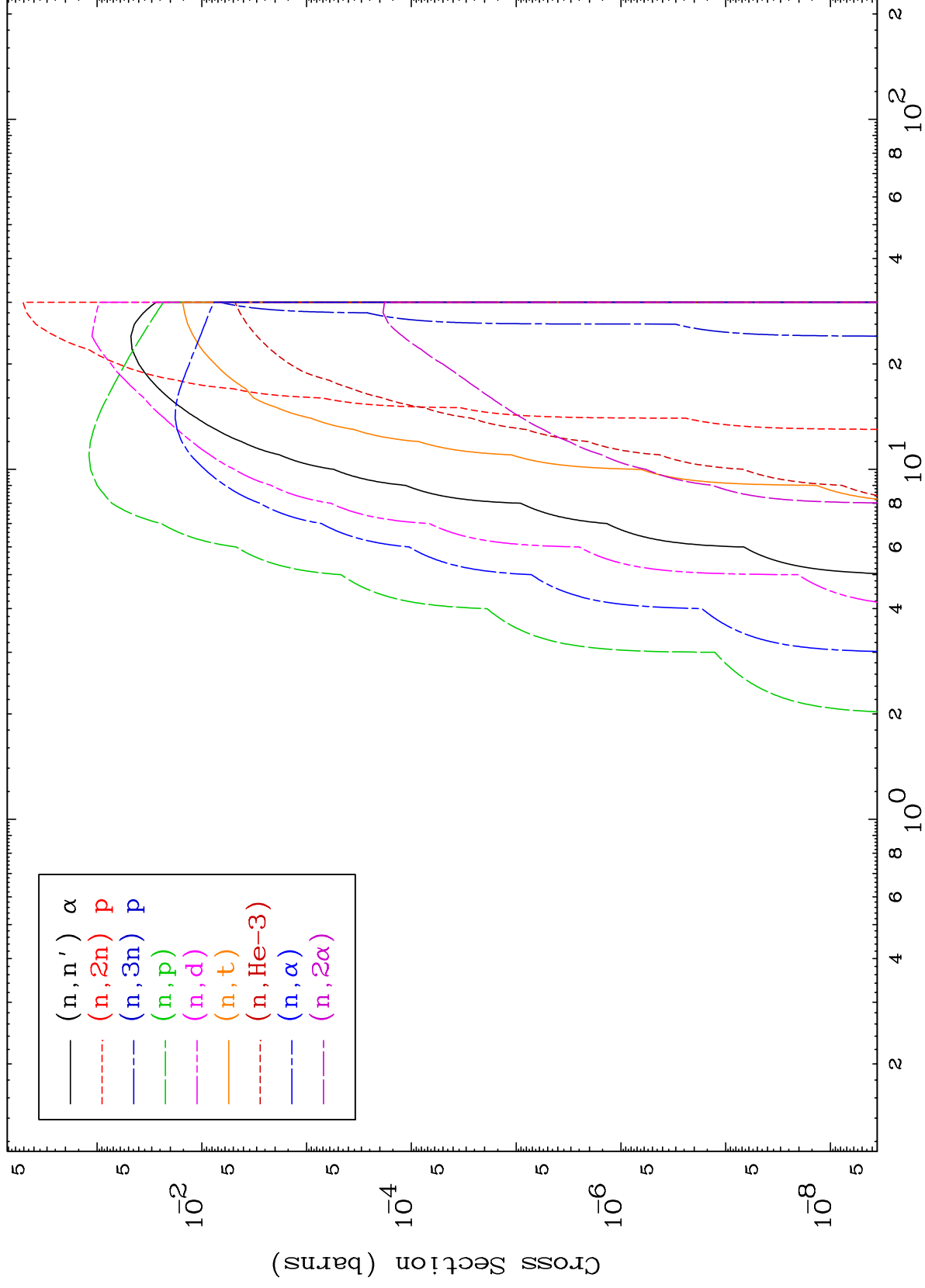


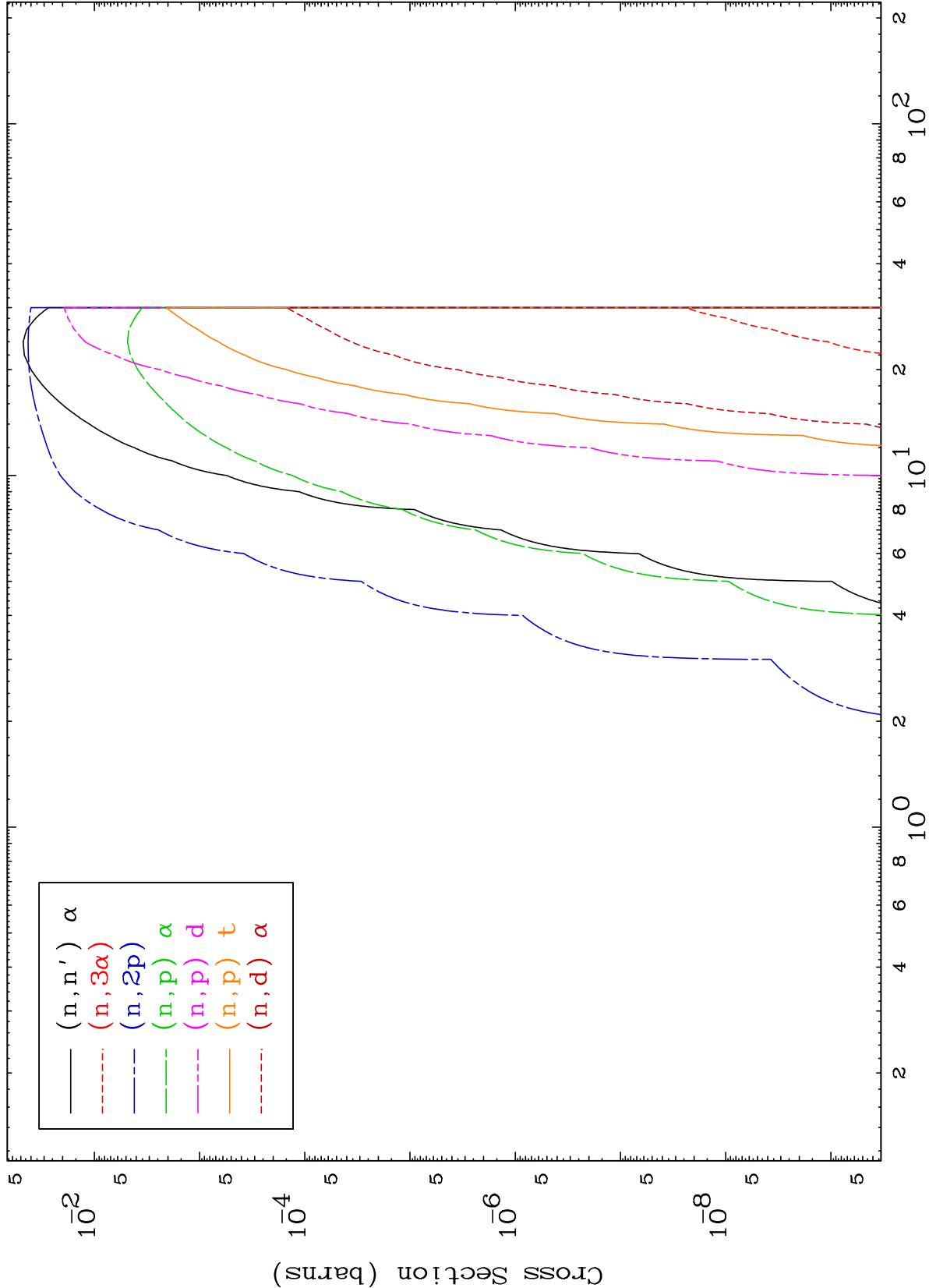








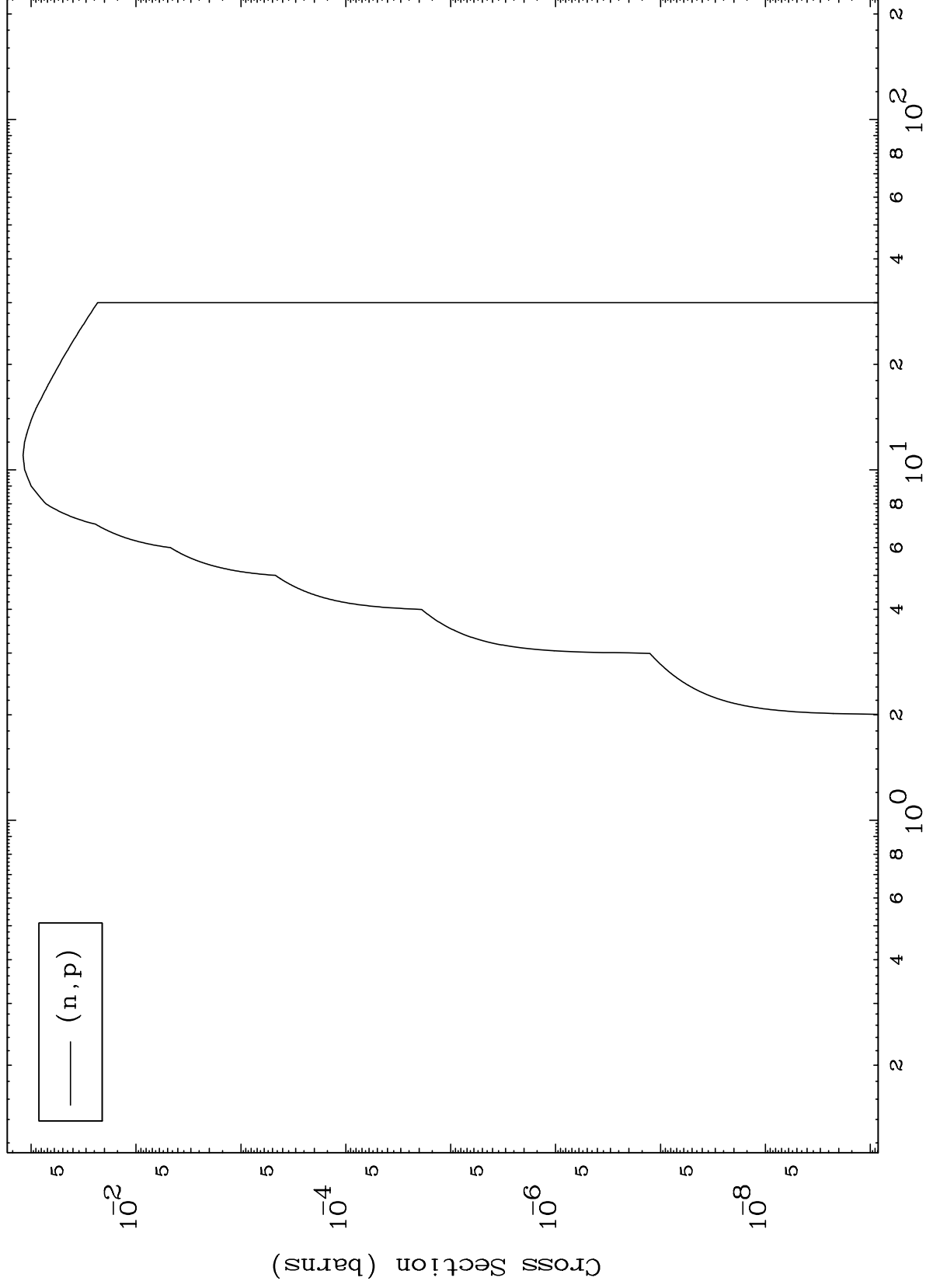




MAT 6122

61-Pm-138

(d,p) Levels
0 Kelvin Cross Sections



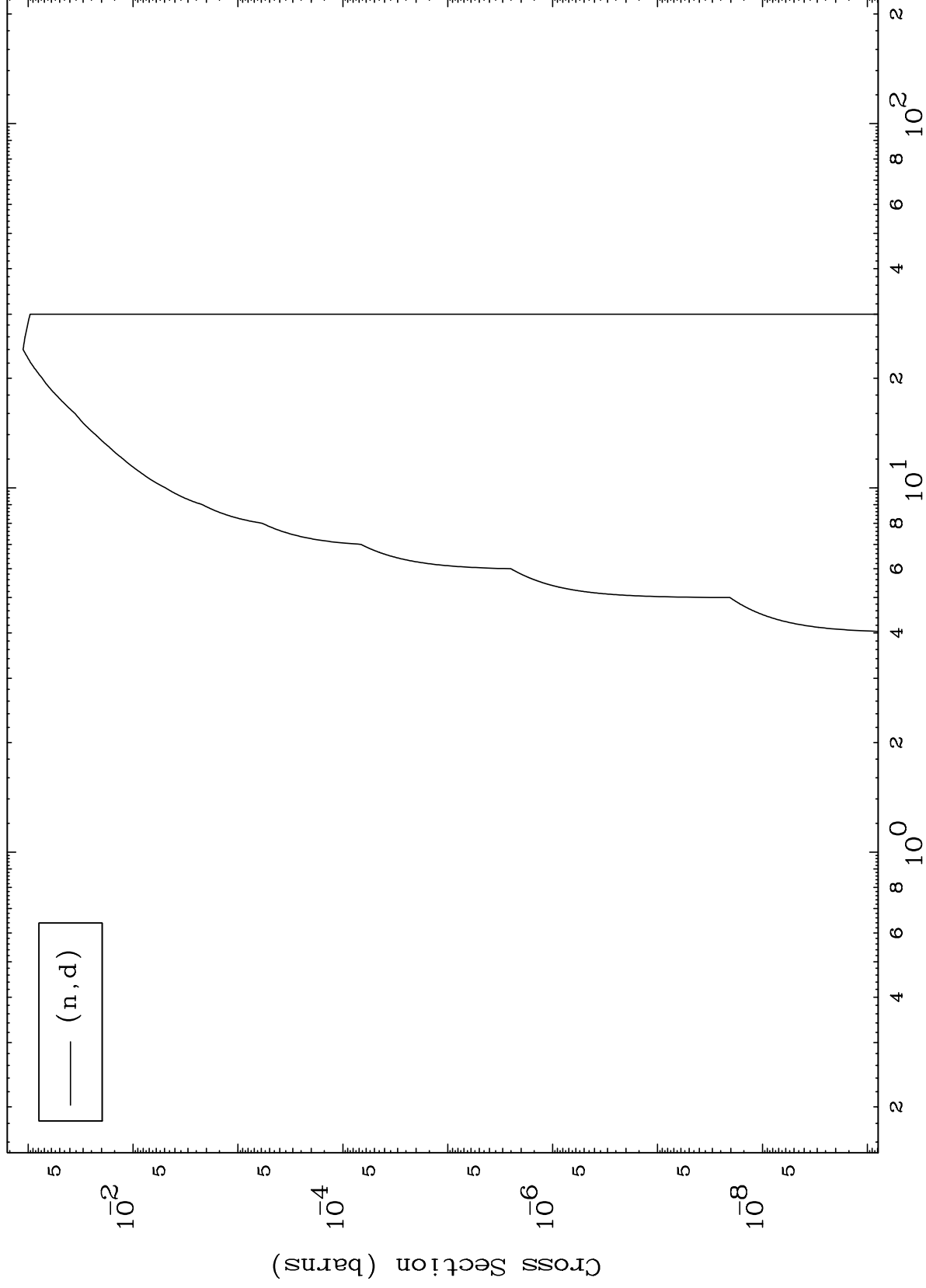
8

61-Pm-138

MAT 6122

61-Pm-138

(d,d) Levels
0 Kelvin Cross Sections



9

Incident Energy (MeV)

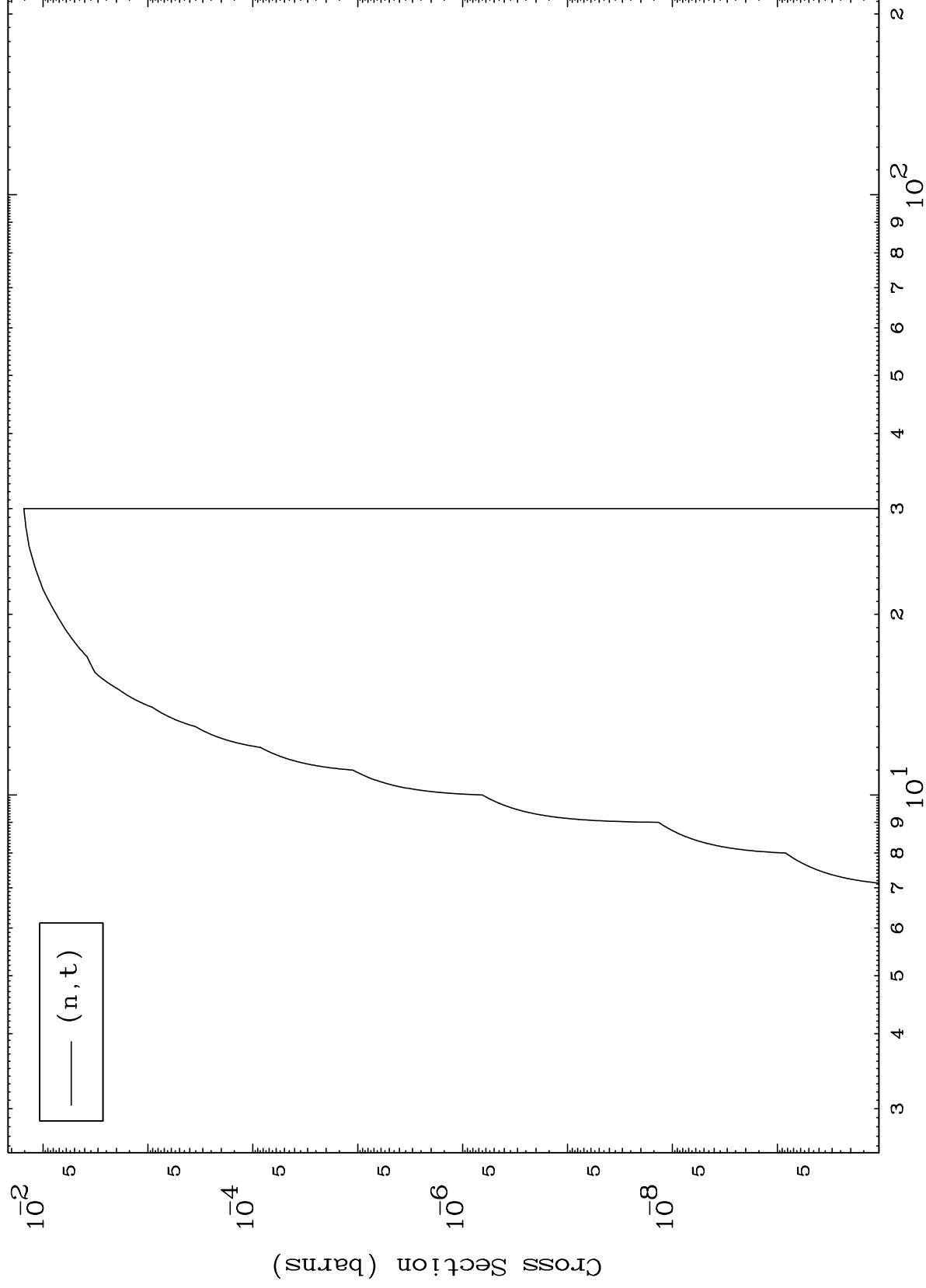
61-Pm-138

MAT 6122

(d,t) Levels

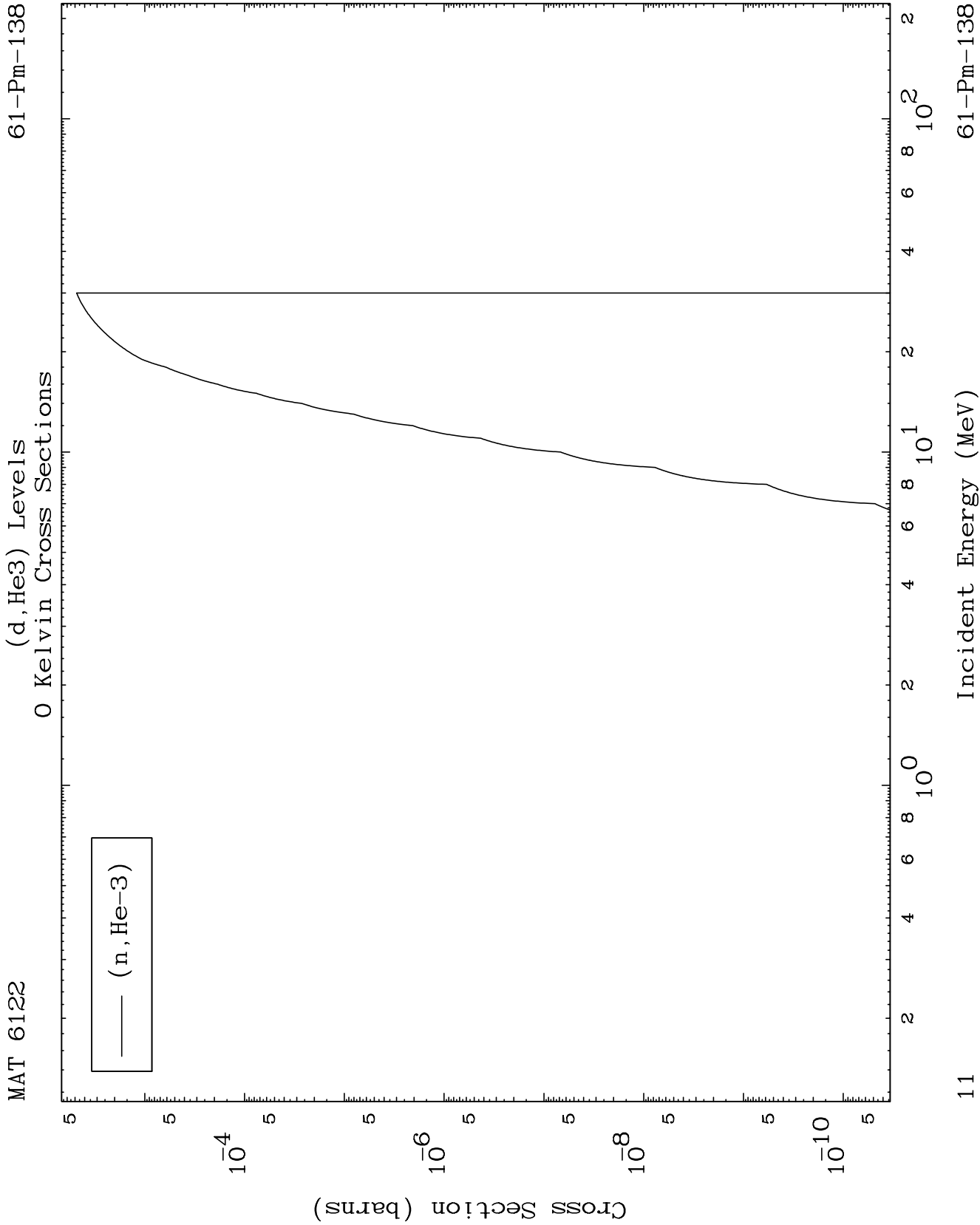
61-Pm-138

0 Kelvin Cross Sections



Incident Energy (MeV)

61-Pm-138

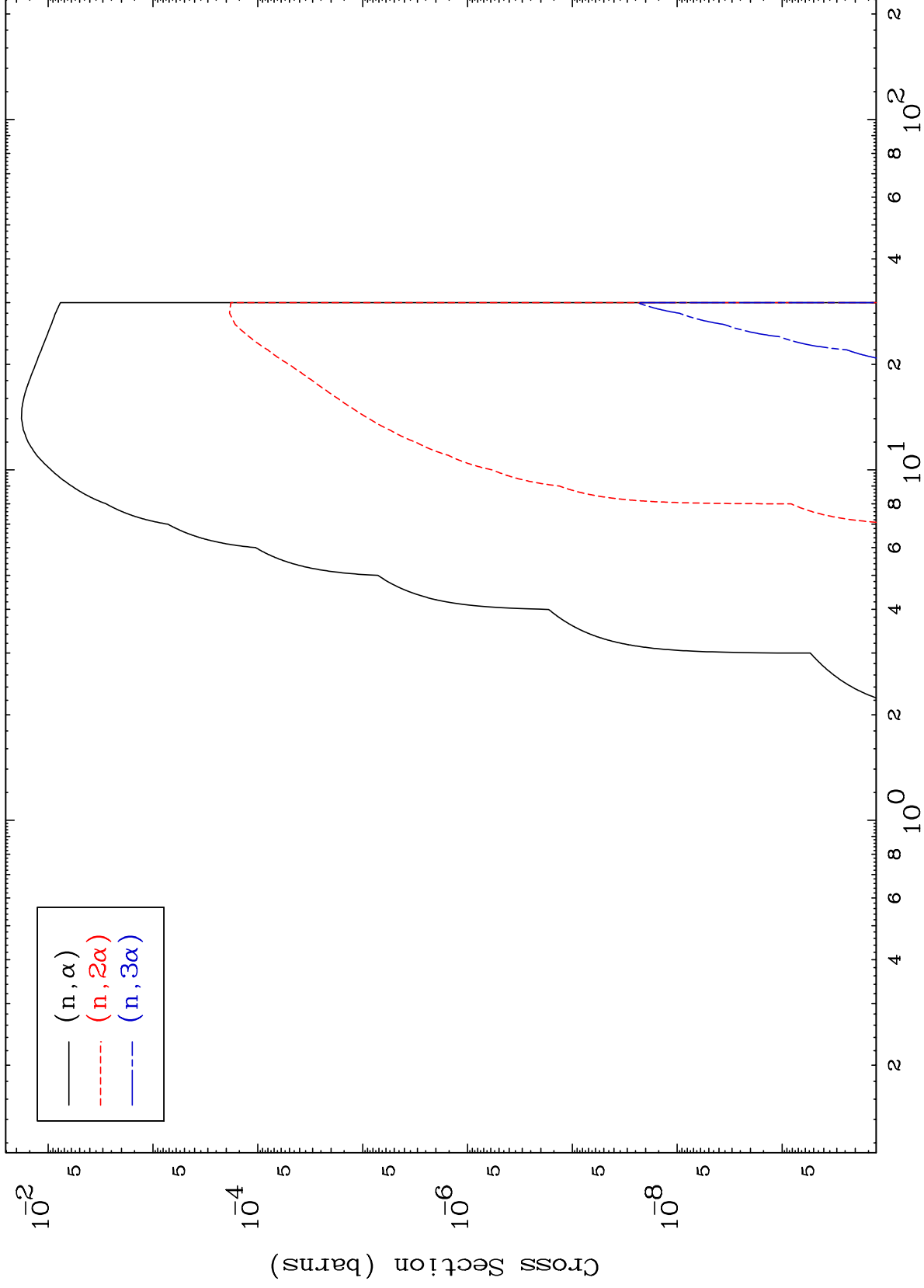


MAT 6122

(d, α) Levels

61-Pm-138

0 Kelvin Cross Sections



12

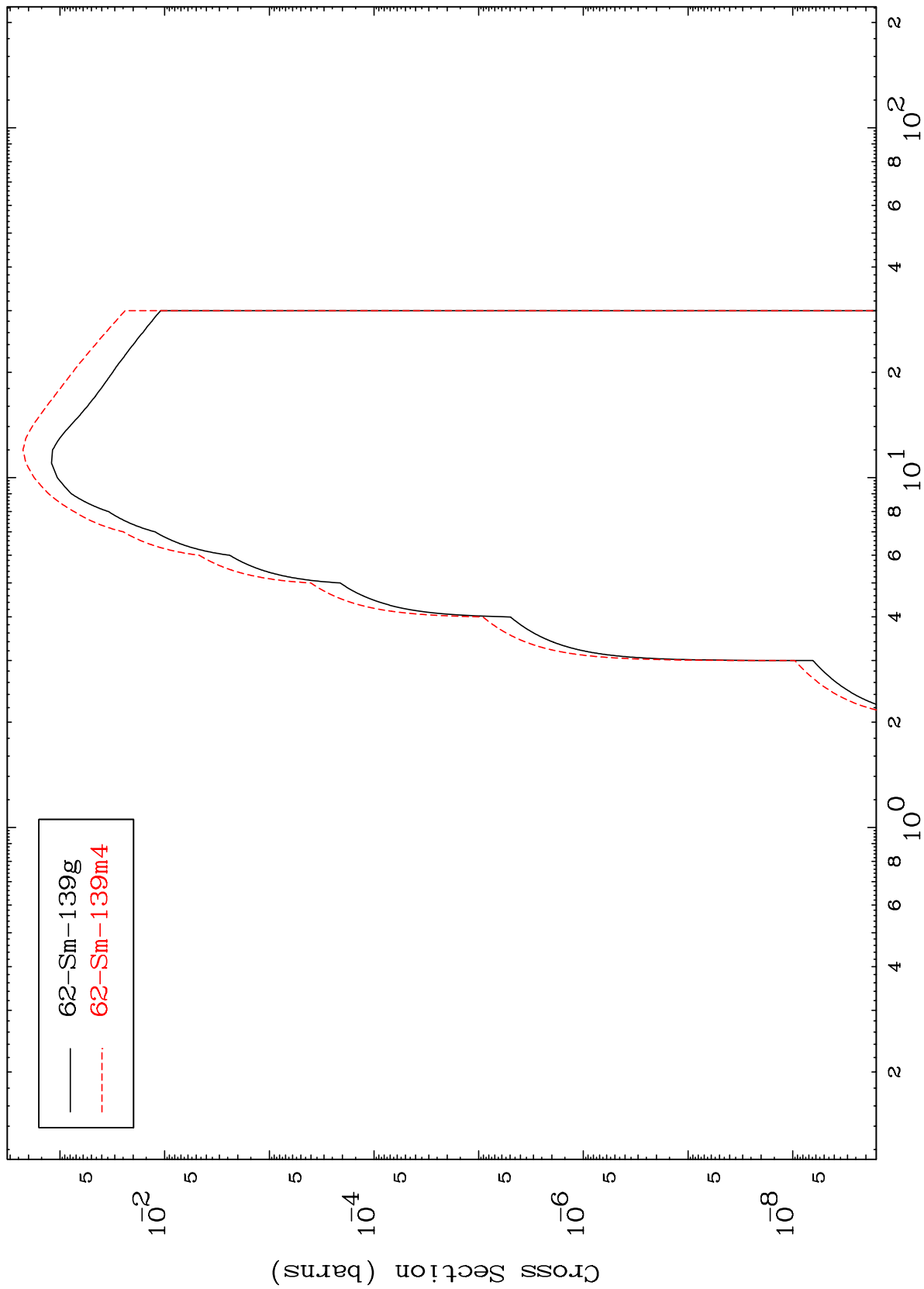
Incident Energy (MeV)

61-Pm-138

MAT 6122

61-Pm-138

Inelastic
Radionuclide Production Cross Section



13

Incident Energy (MeV)

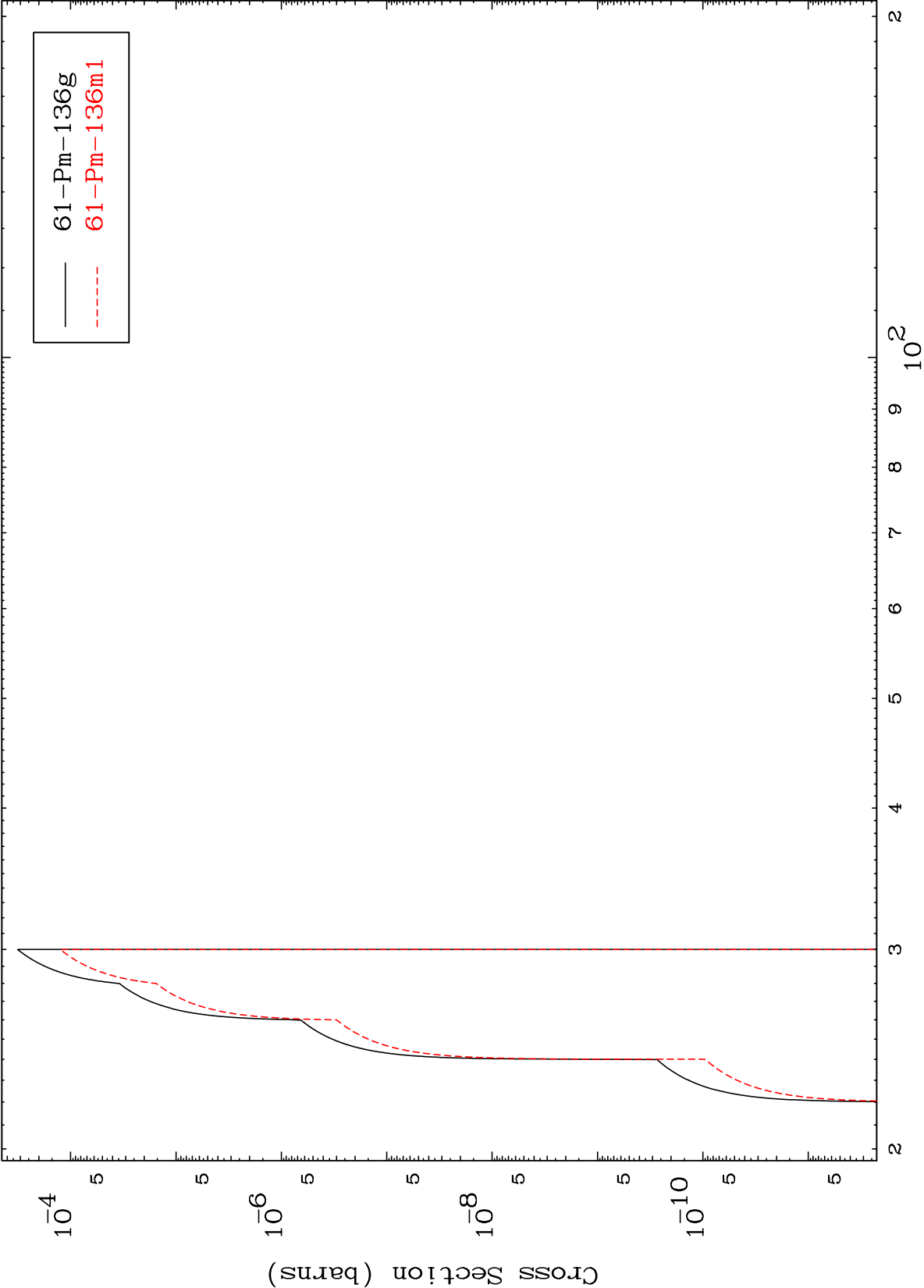
61-Pm-138

MAT 6122

(n,2n) d

61-Pm-138

Radionuclide Production Cross Section



14

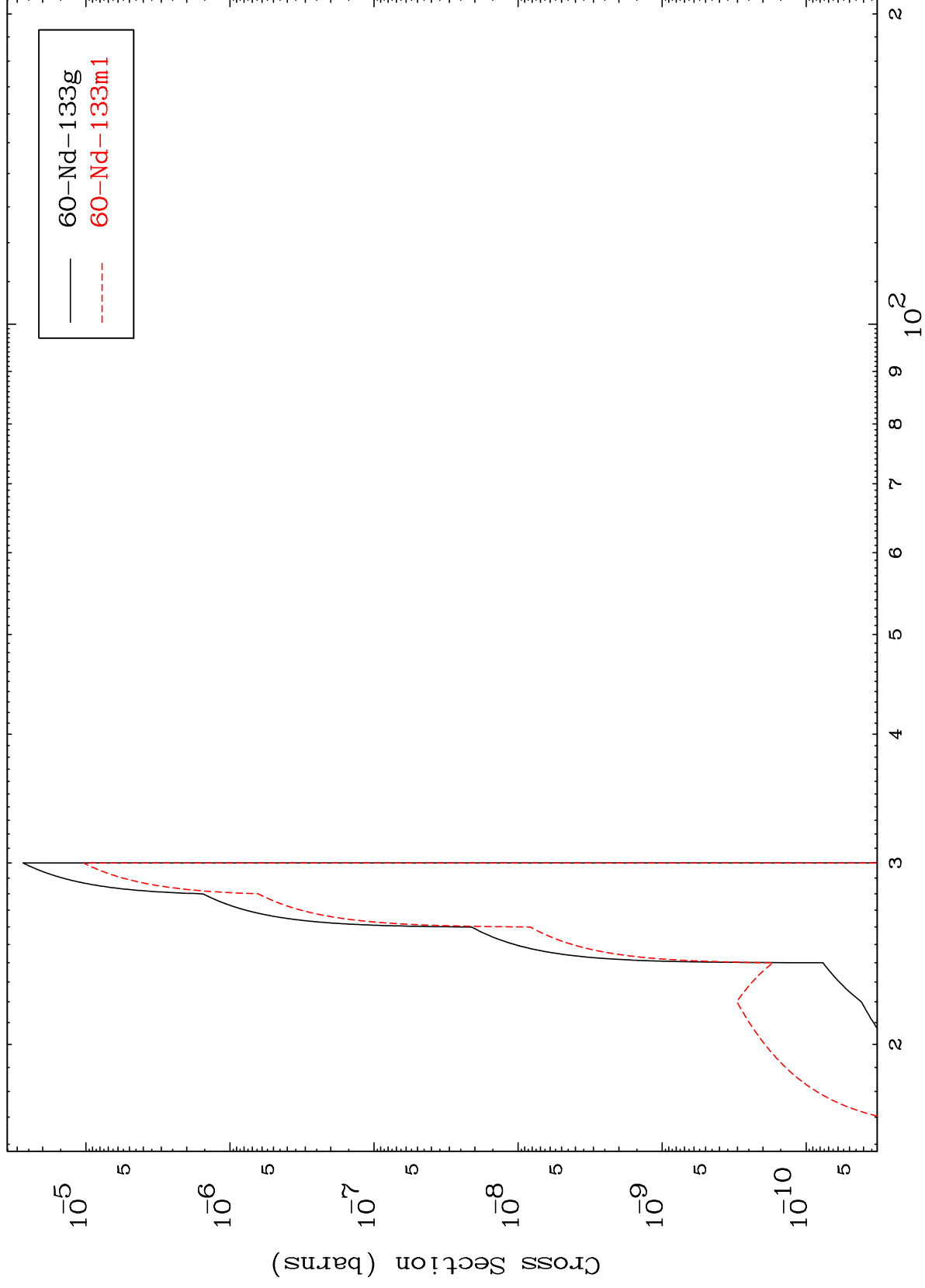
Incident Energy (MeV)

61-Pm-138

MAT 6122

61-Pm-138

$(n,3n) \alpha$
Radionuclide Production Cross Section

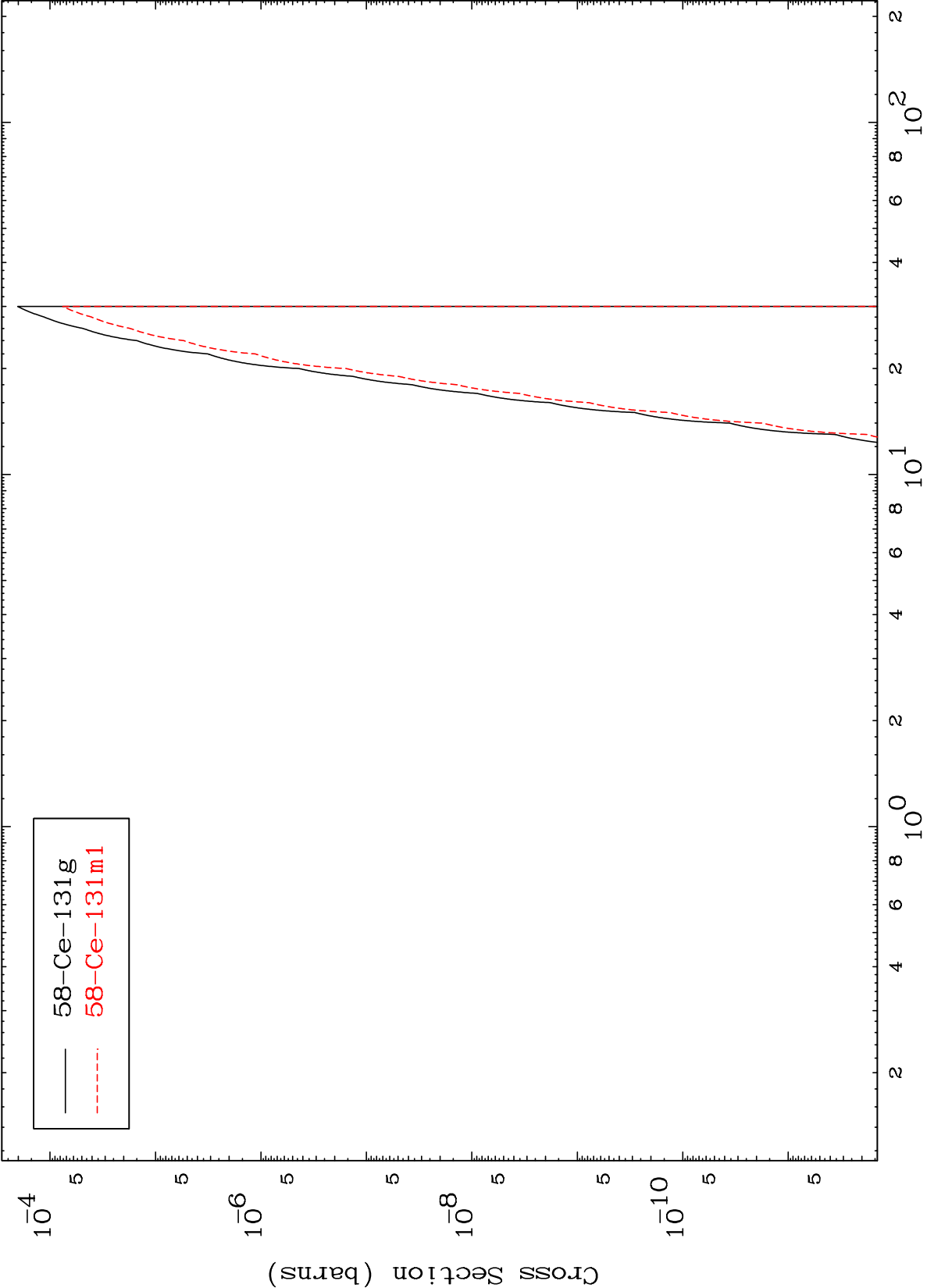


15

Incident Energy (MeV)

61-Pm-138

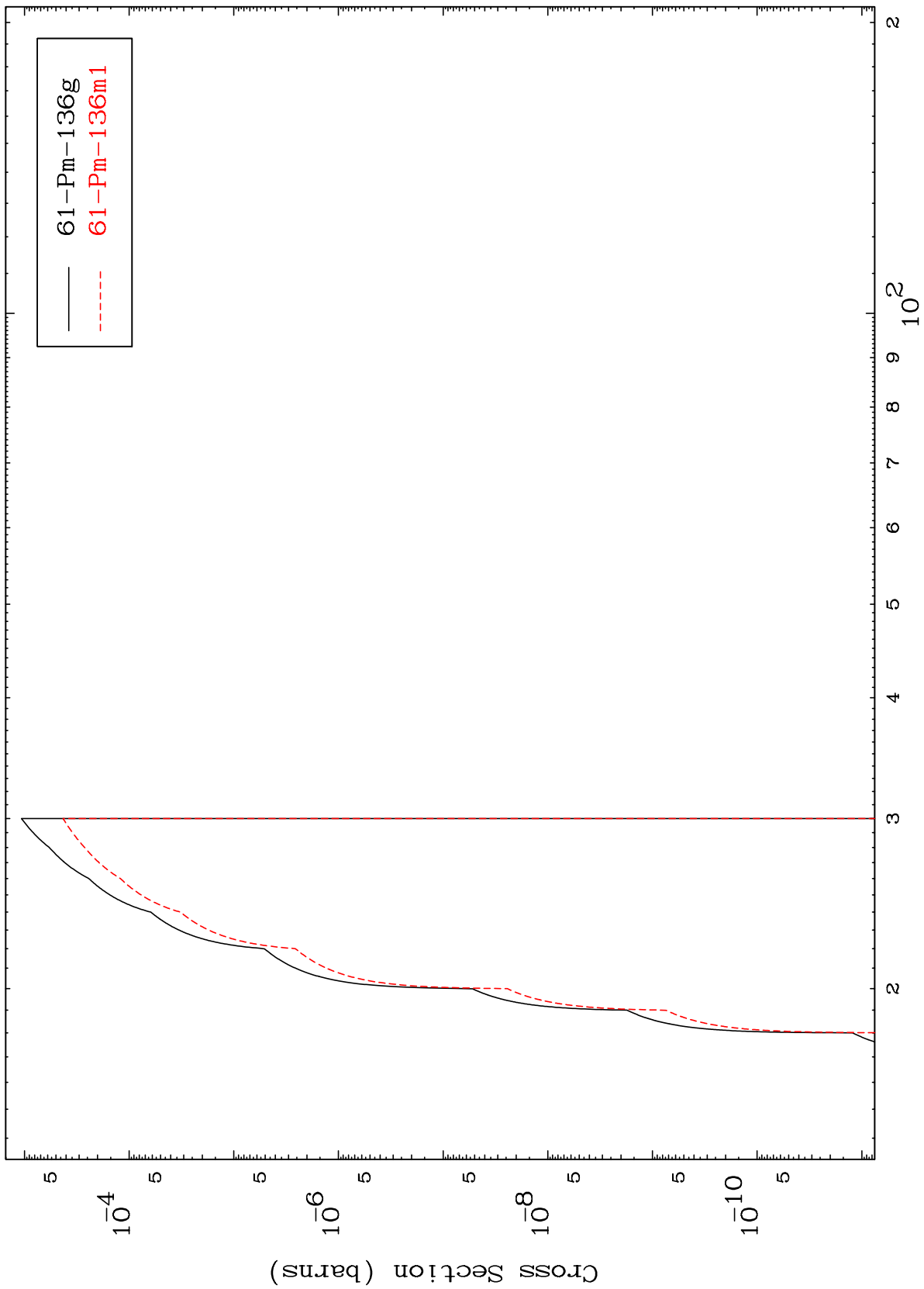
Radionuclide Production Cross Section



MAT 6122

61-Pm-138

(n,n') t
Radionuclide Production Cross Section



61-Pm-138

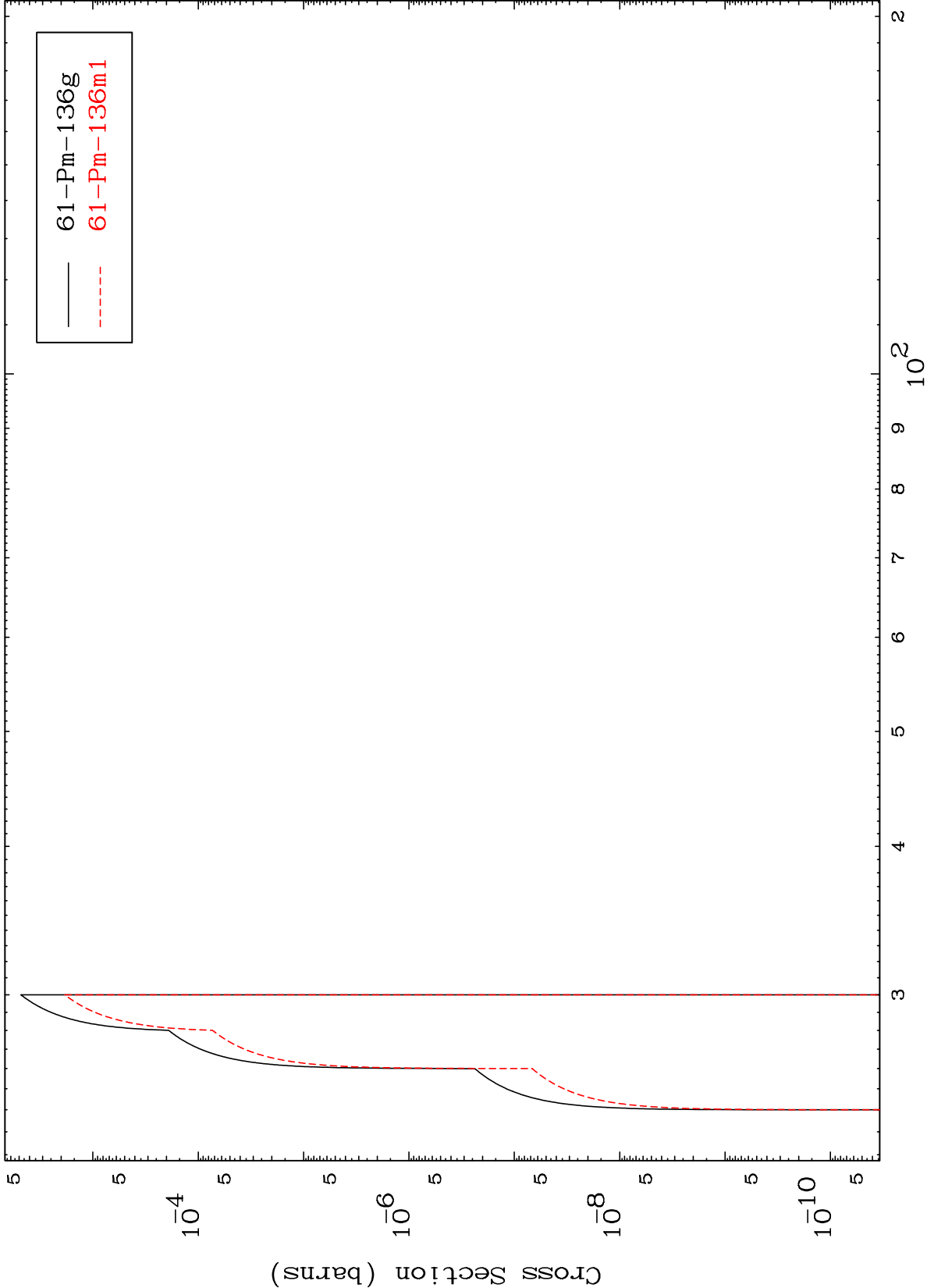
Incident Energy (MeV)

17

MAT 6122

61-Pm-138

(n,3n) p
Radionuclide Production Cross Section



18

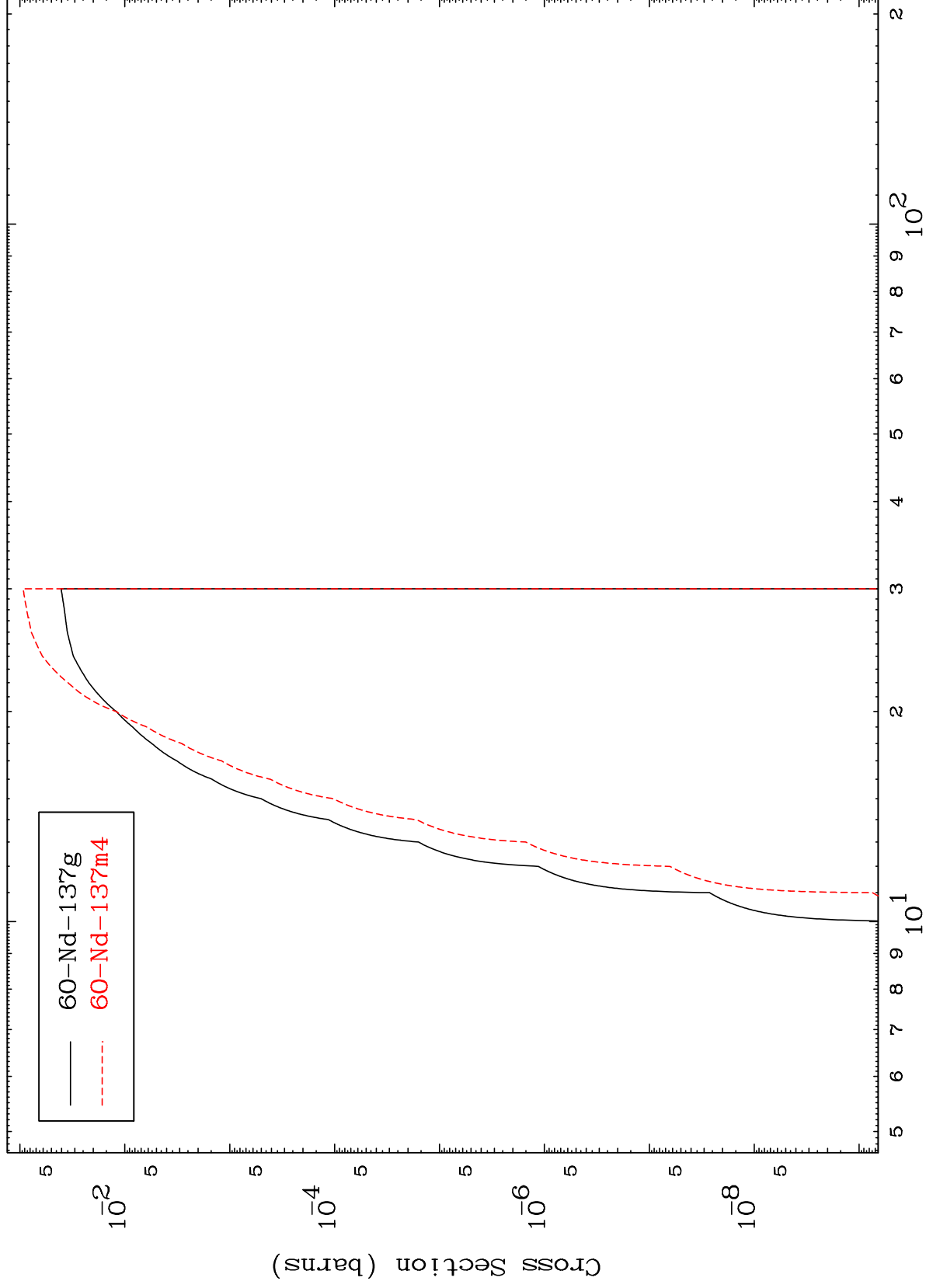
Incident Energy (MeV)

61-Pm-138

MAT 6122

61-Pm-138

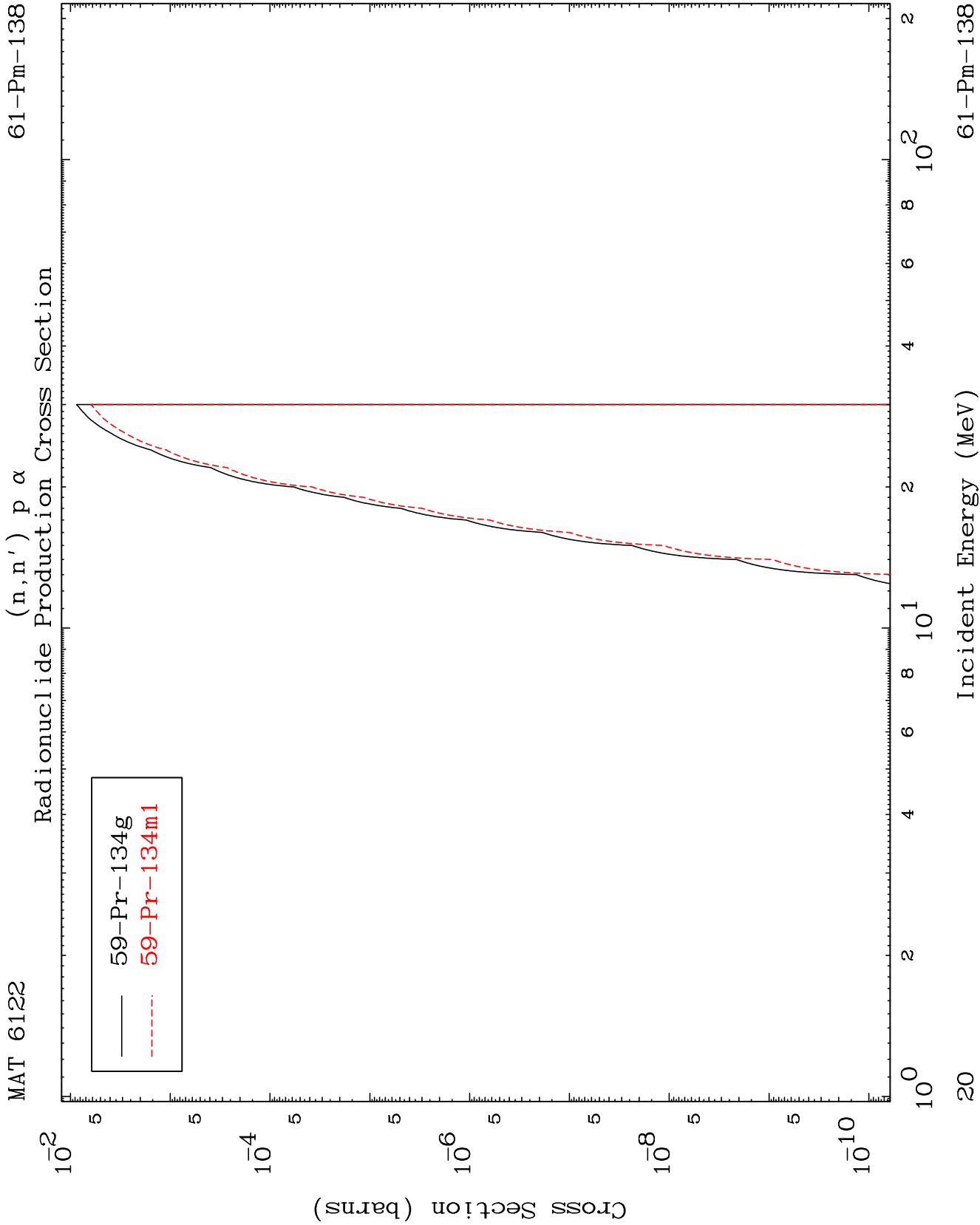
(n,2n) p
Radionuclide Production Cross Section



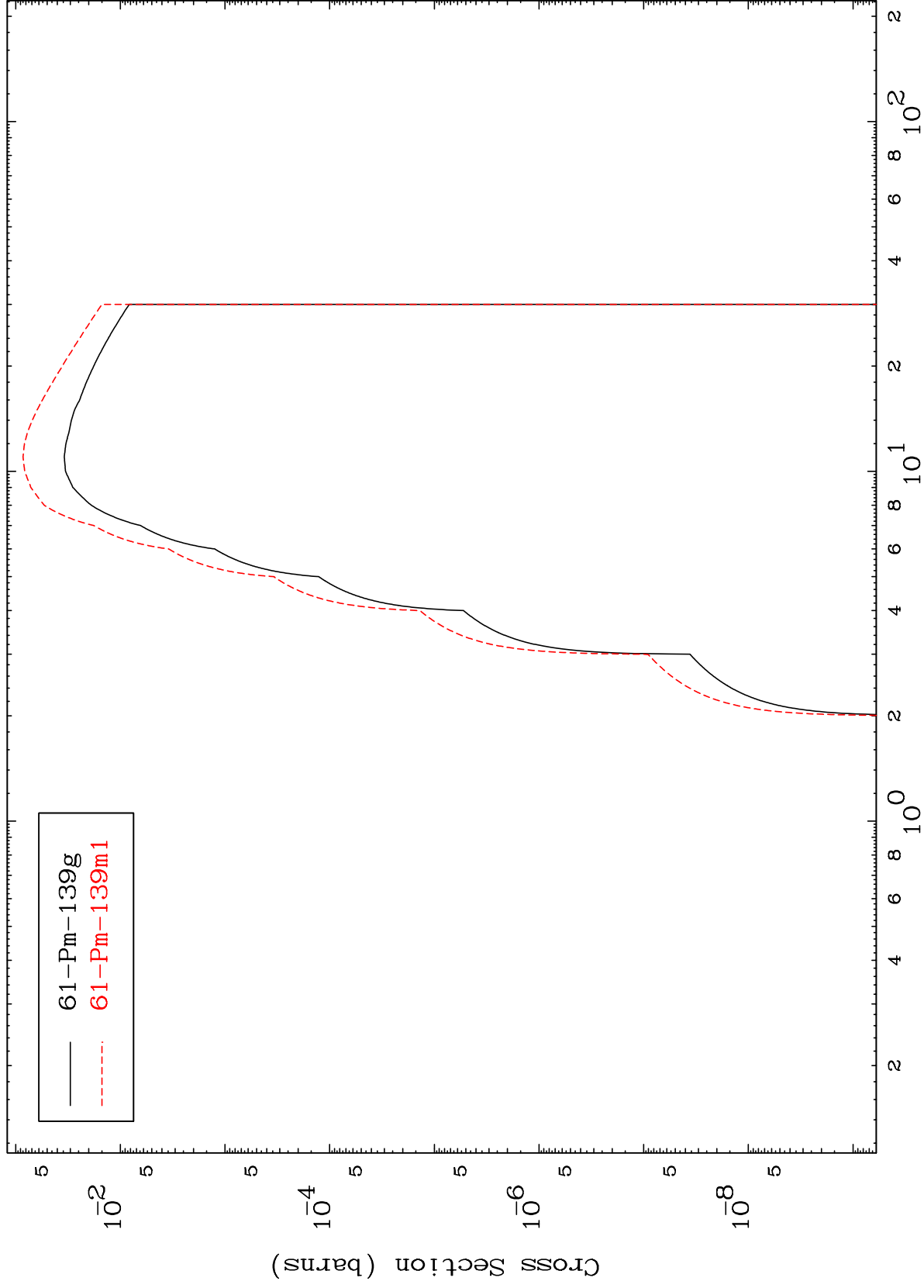
19

Incident Energy (MeV)

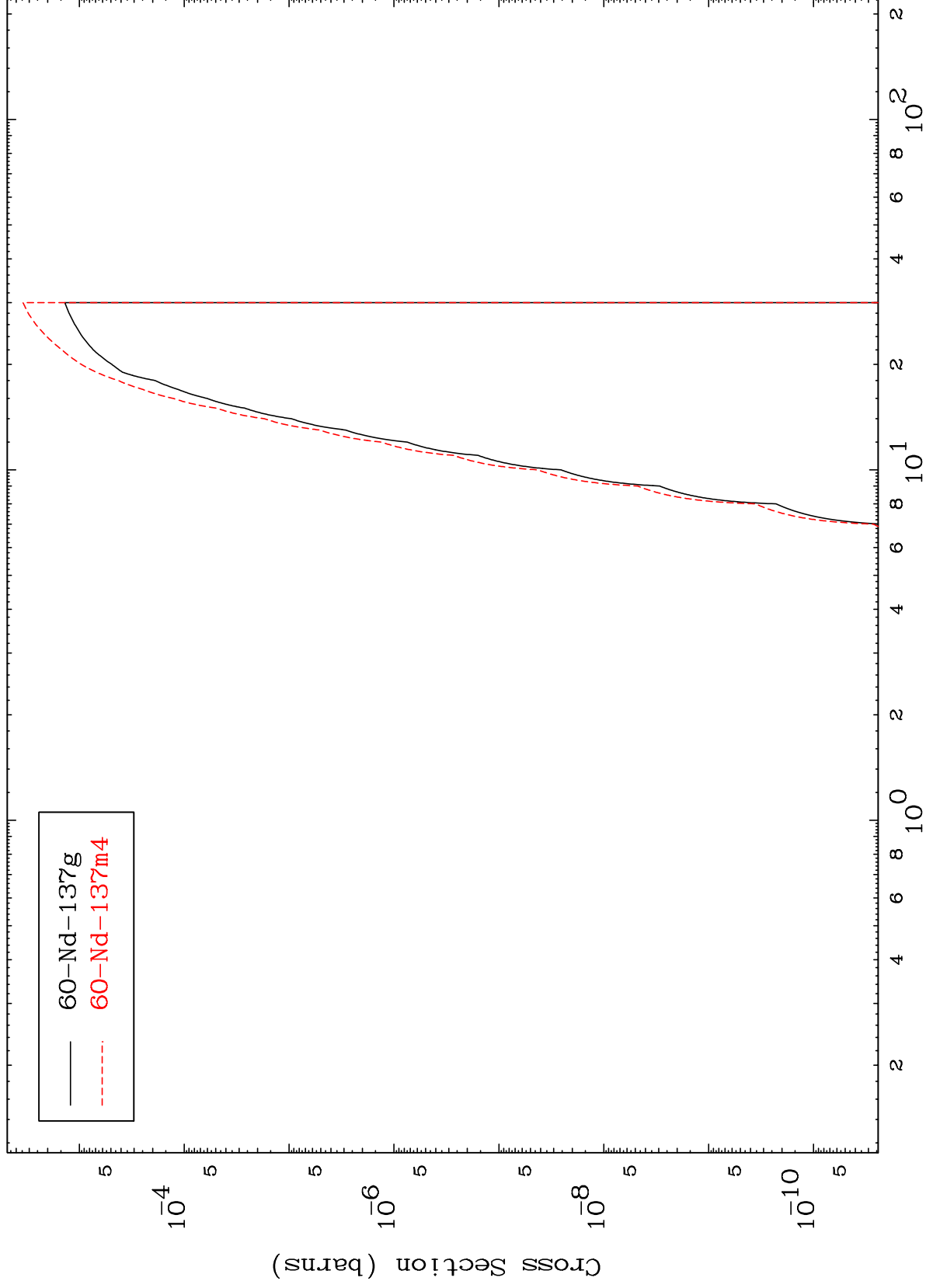
61-Pm-138



(n,p)
Radionuclide Production Cross Section



Radionuclide Production Cross Section
(n,He-3)

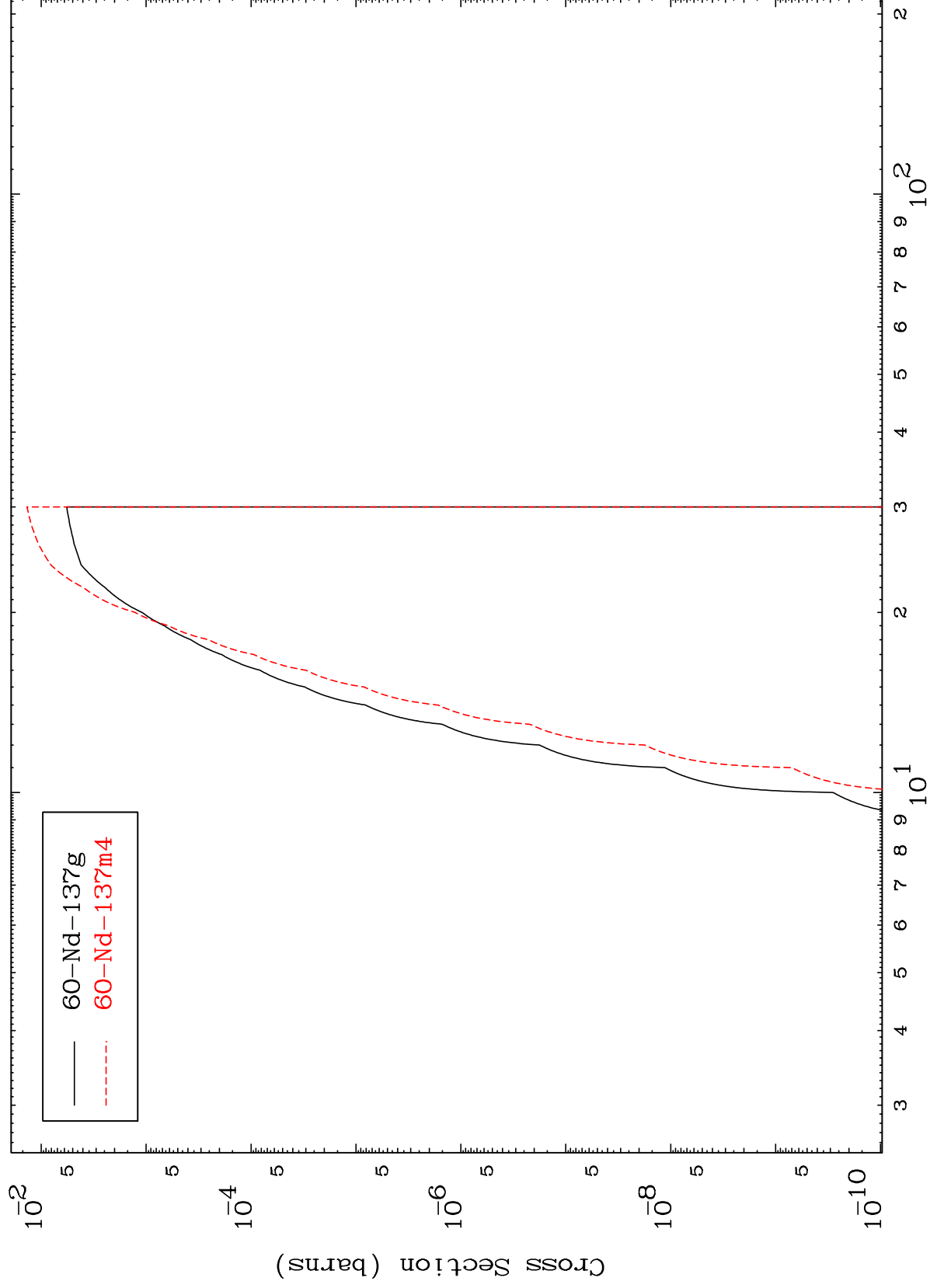


MAT 6122

(n,p) d

61-Pm-138

Radionuclide Production Cross Section



23

Incident Energy (MeV)

61-Pm-138

Radionuclide Production Cross Section
(n,d) α
$$(n, d) \propto$$
