

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

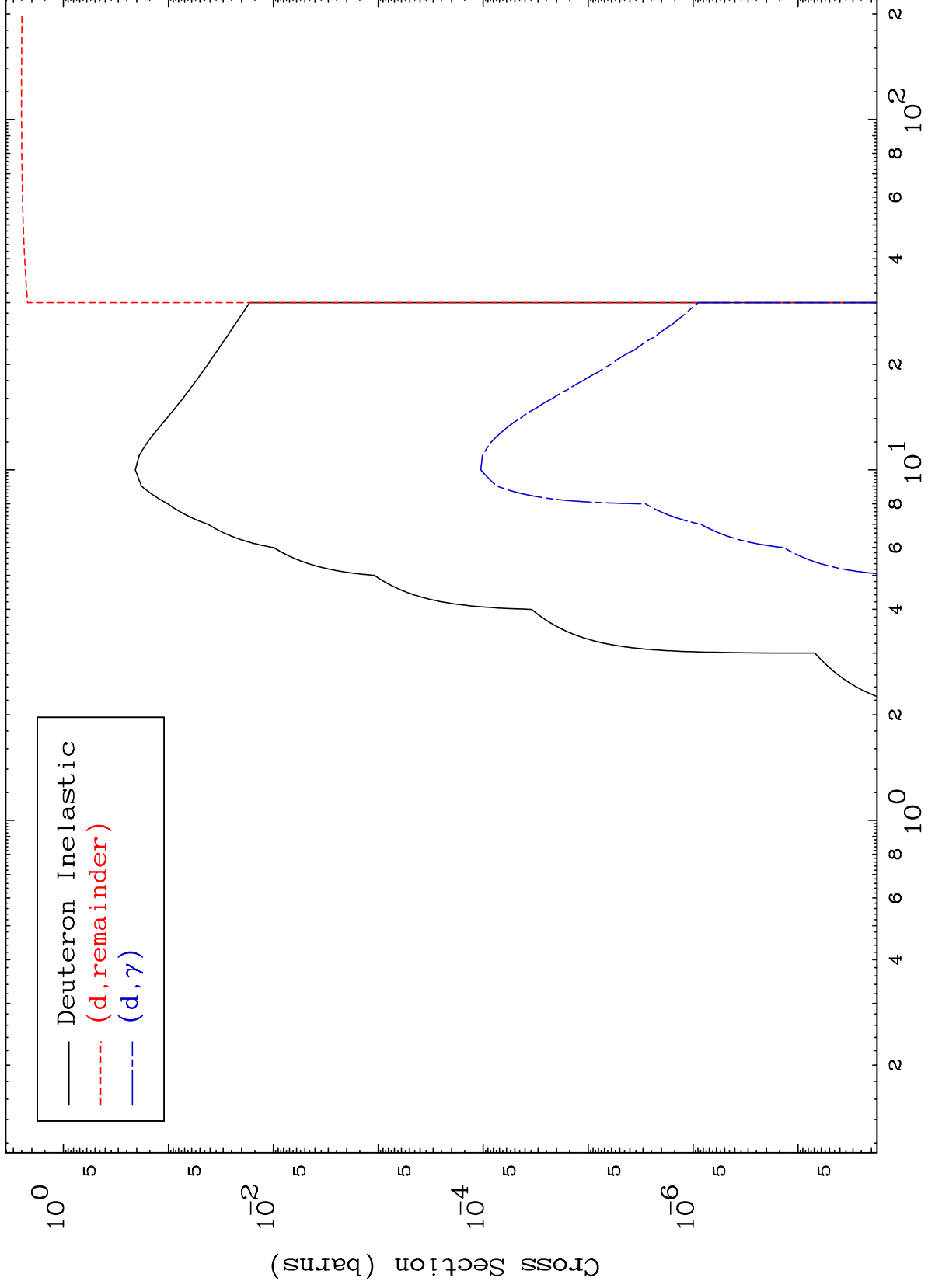
Web:redcullen1.net/HOMEPAGE.NEW

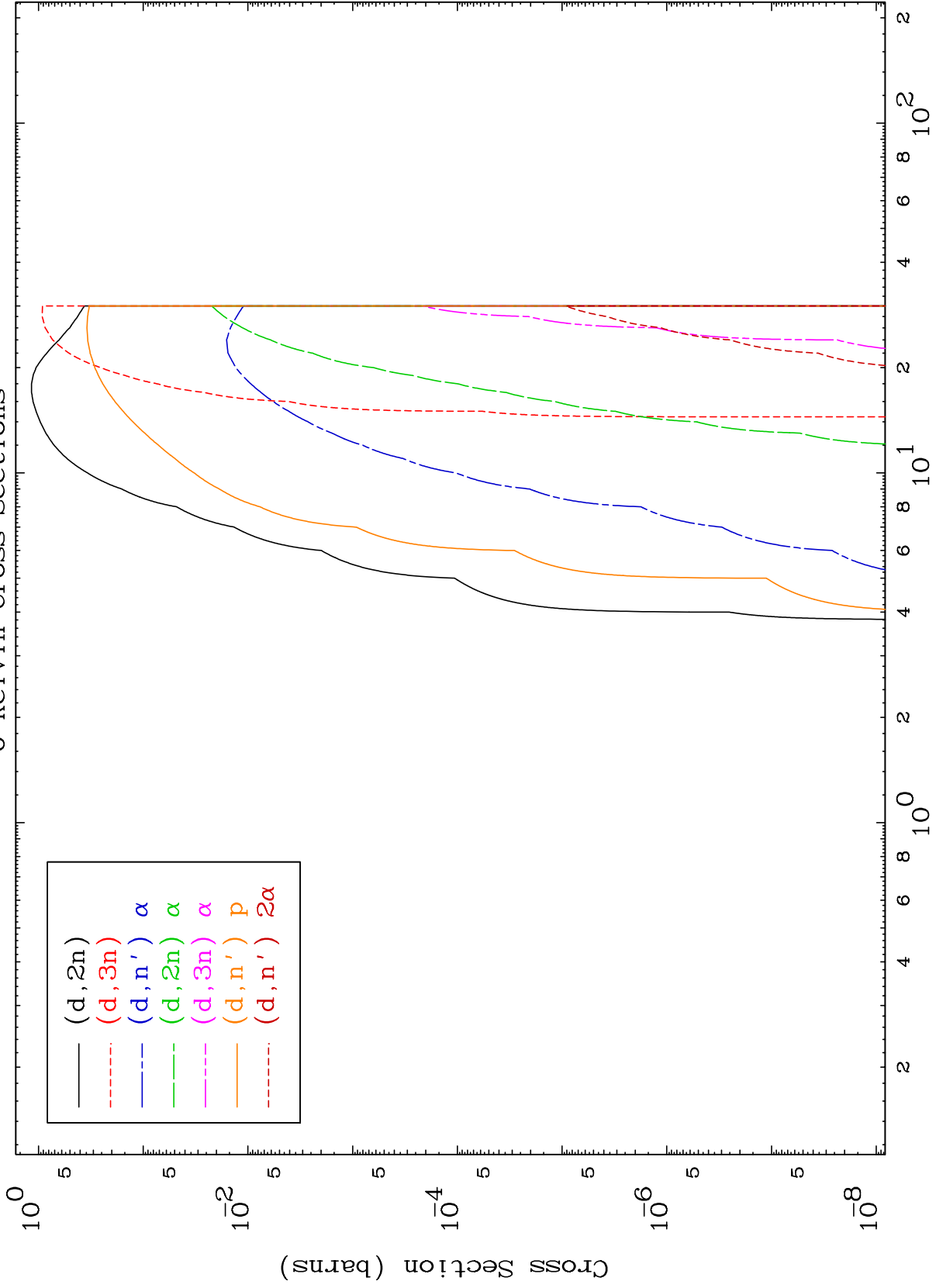
Press Mouse Button to Start

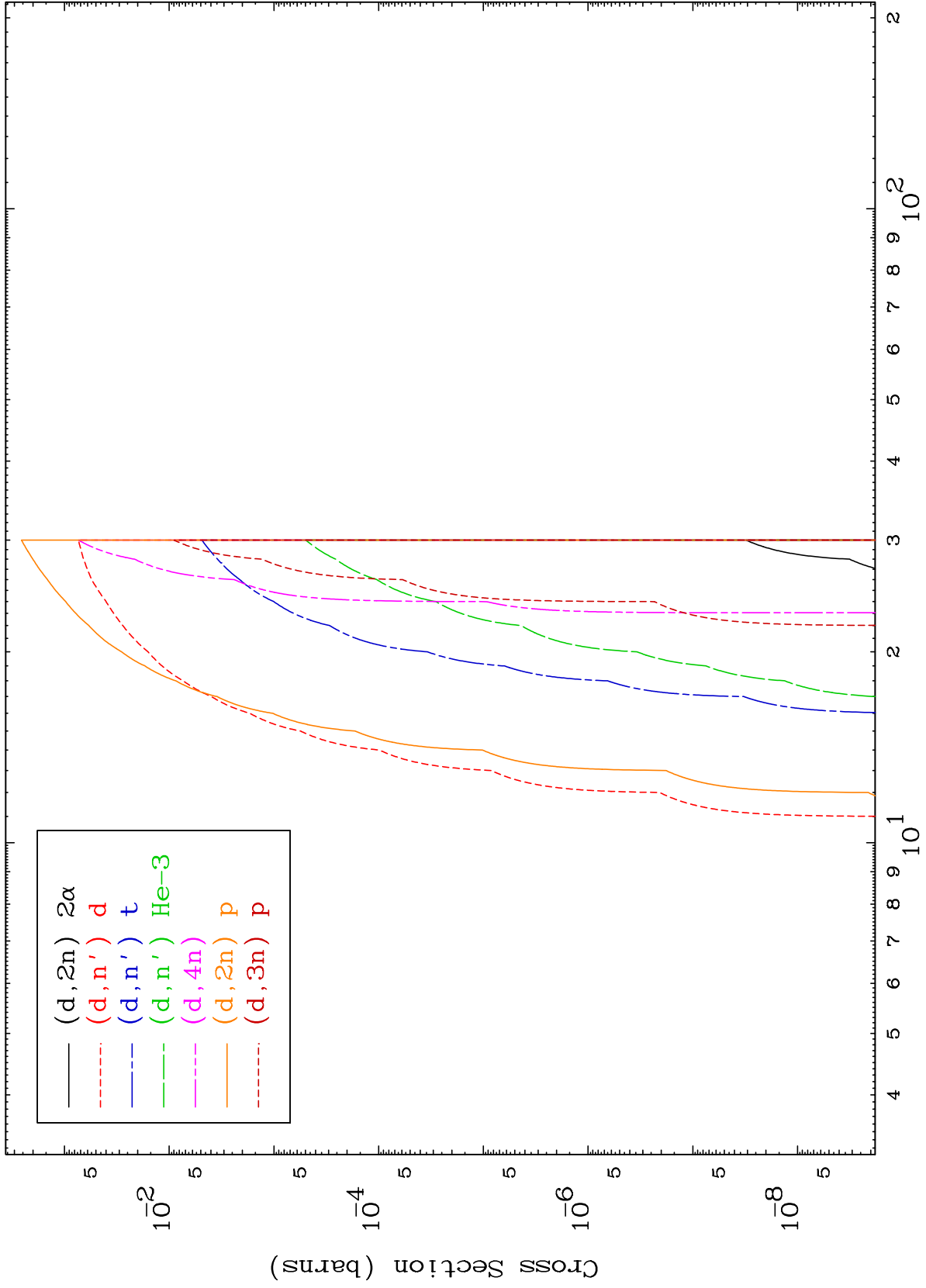
MAT 5917

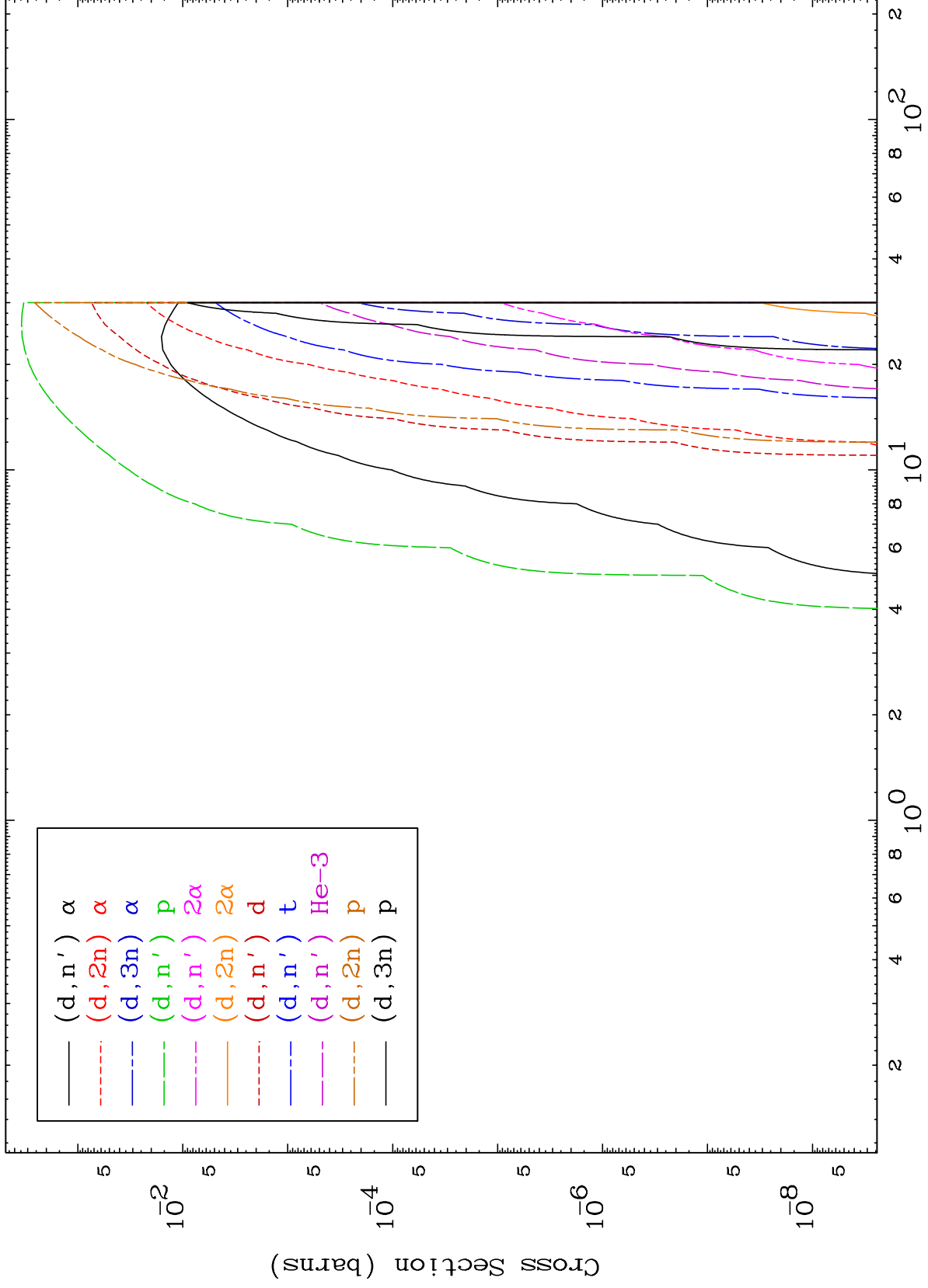
Deuteron Major  
0 Kelvin Cross Sections

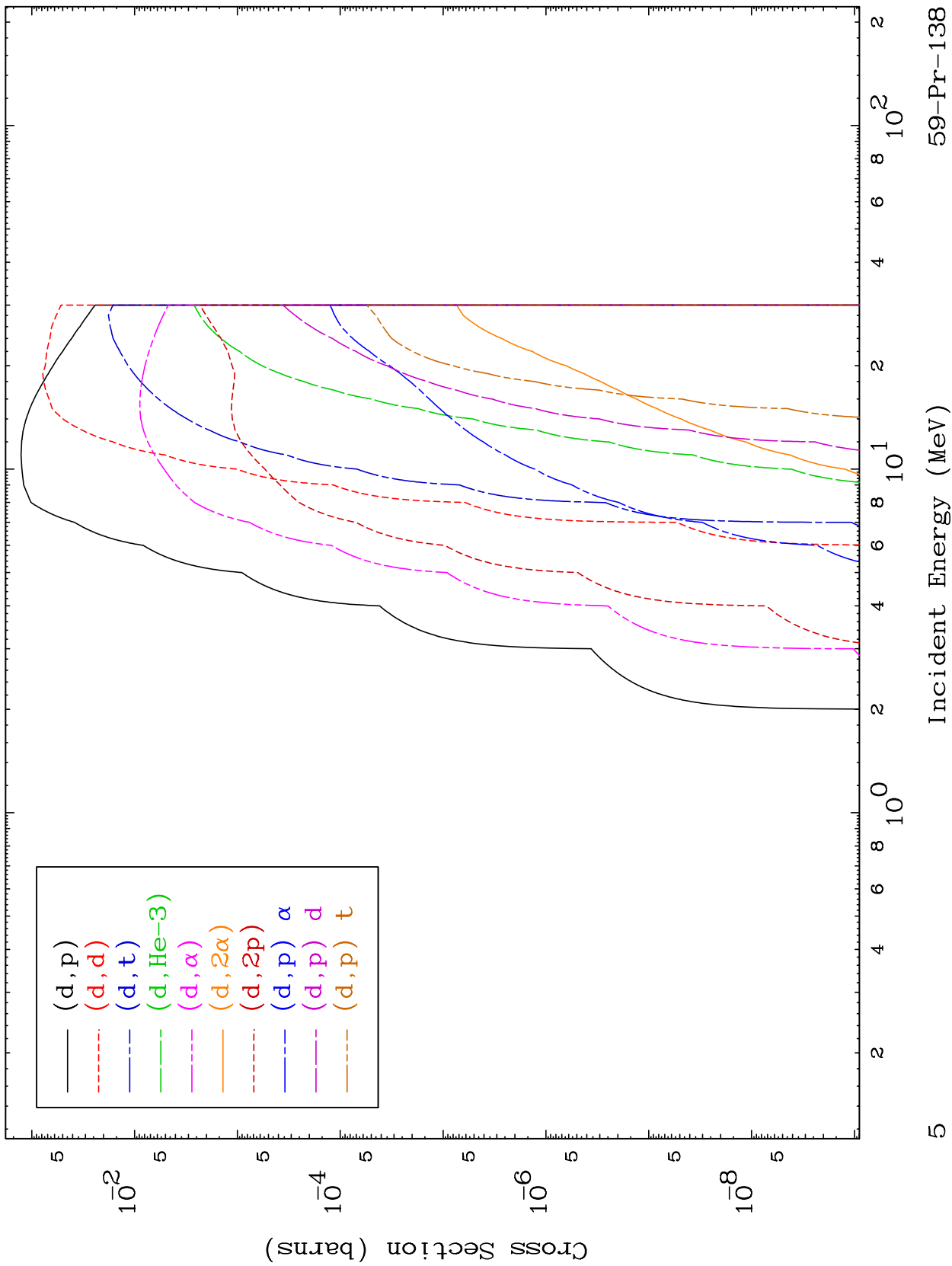
59-Pr-138



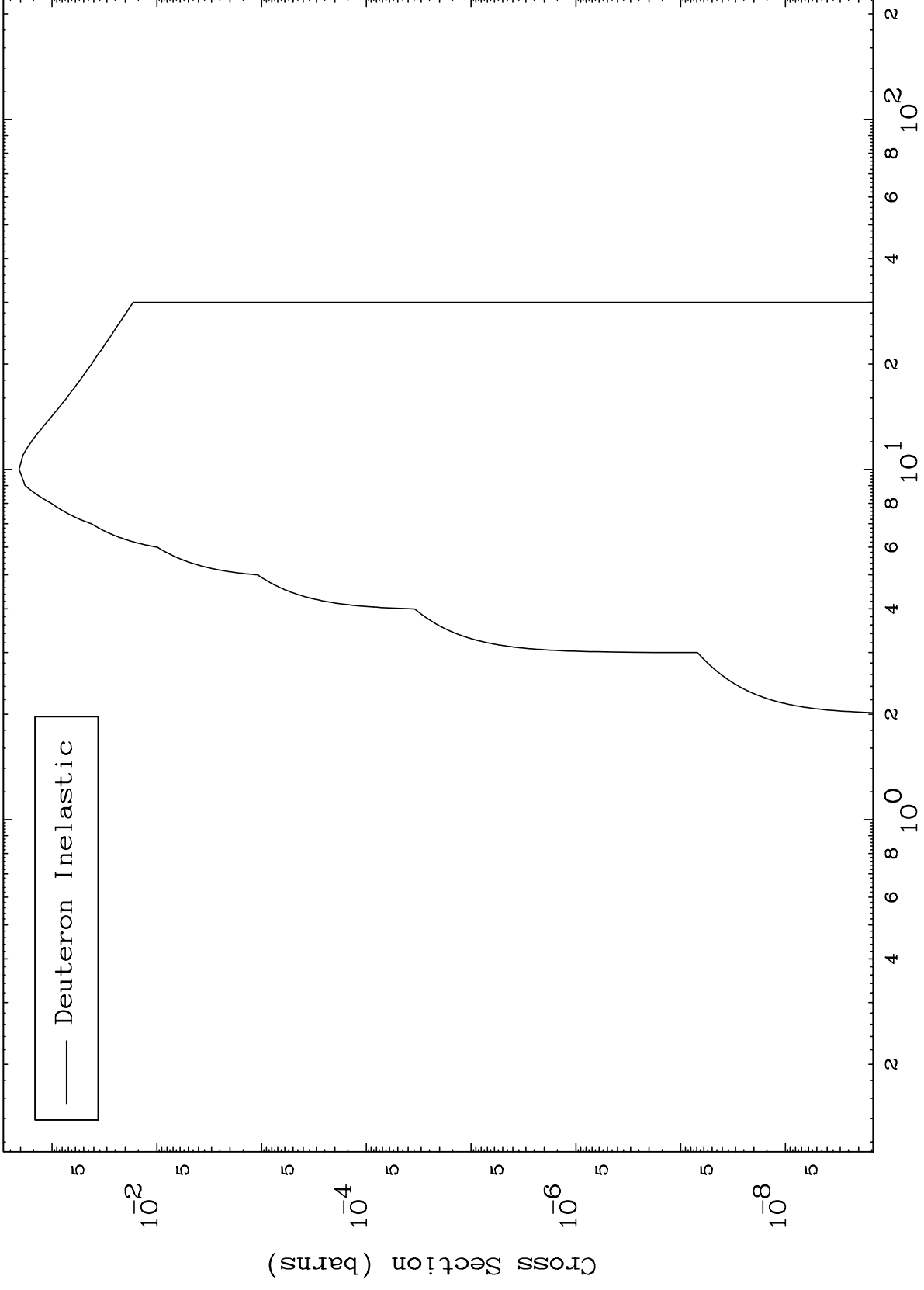








0 Kelvin Cross Sections



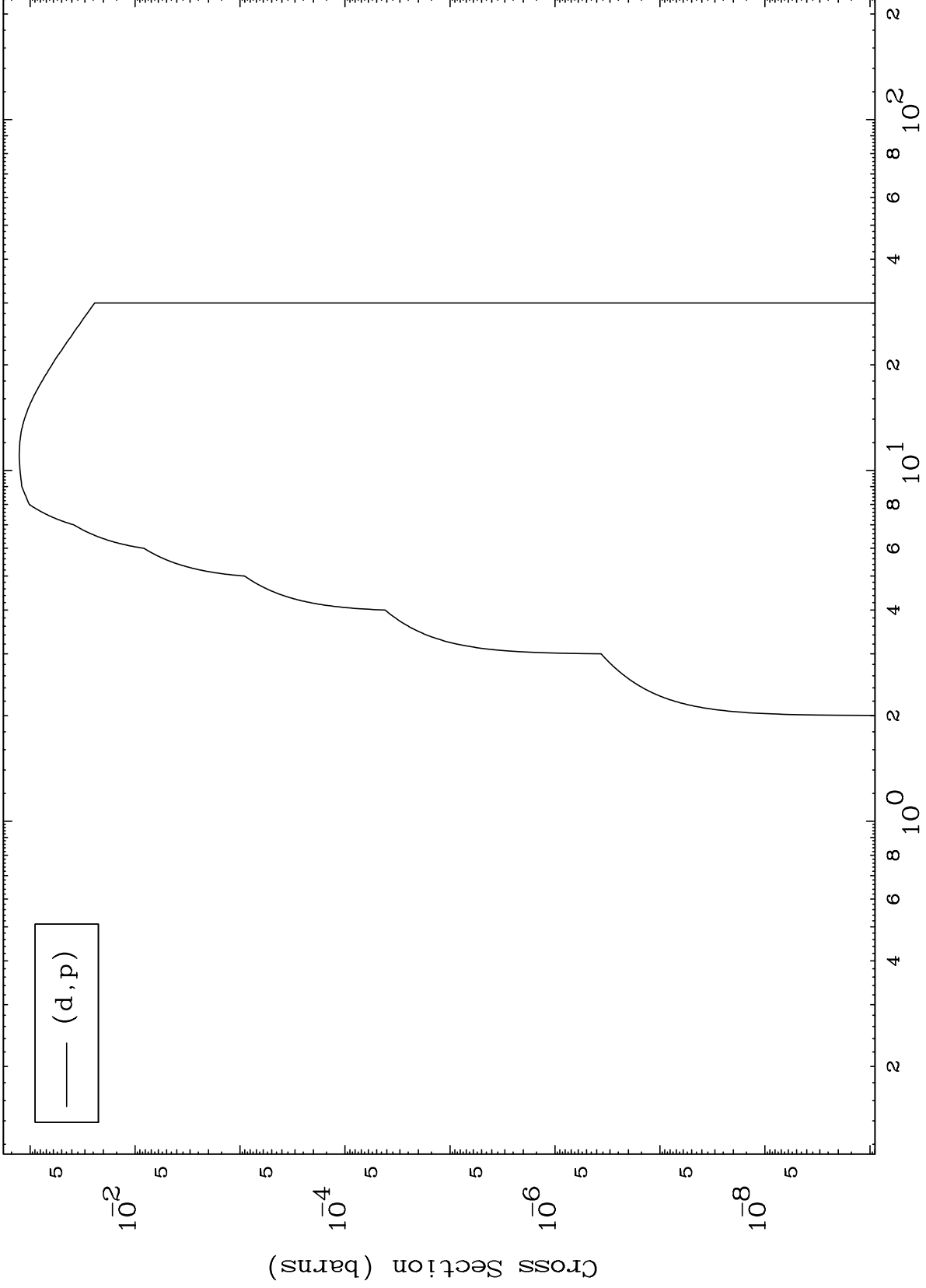
— Deuteron Inelastic

MAT 5917

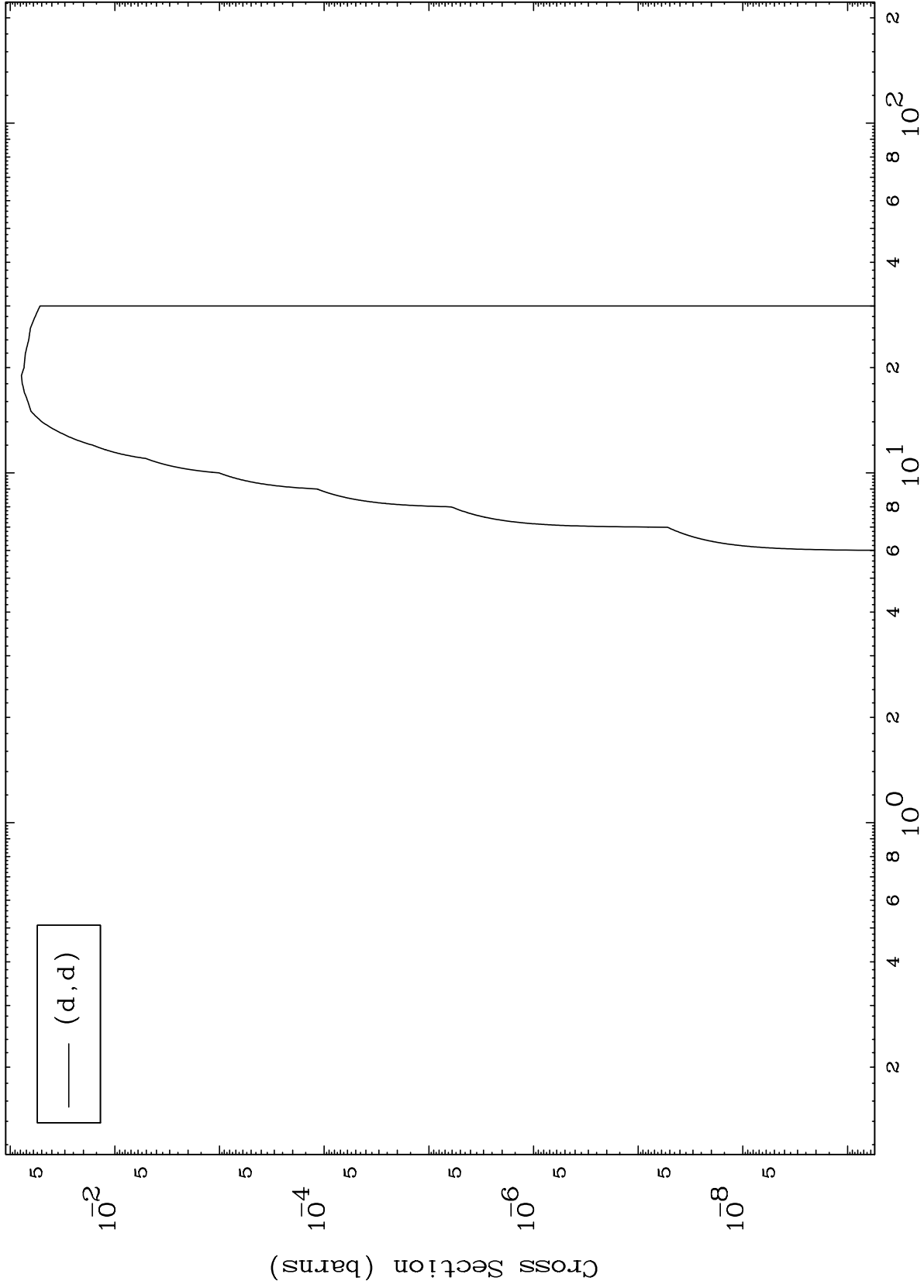
(d,p) Levels

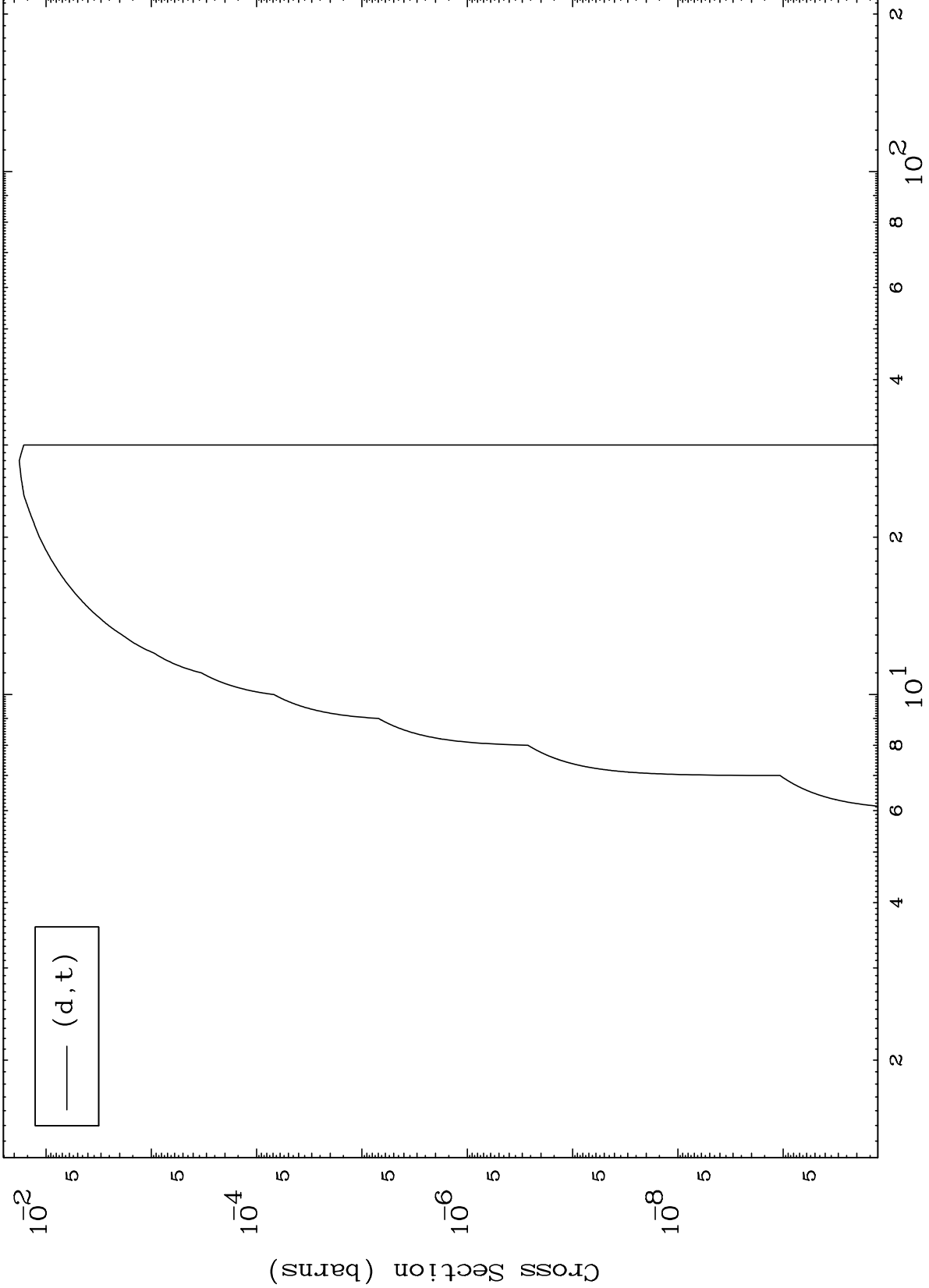
59-Pr-138

0 Kelvin Cross Sections







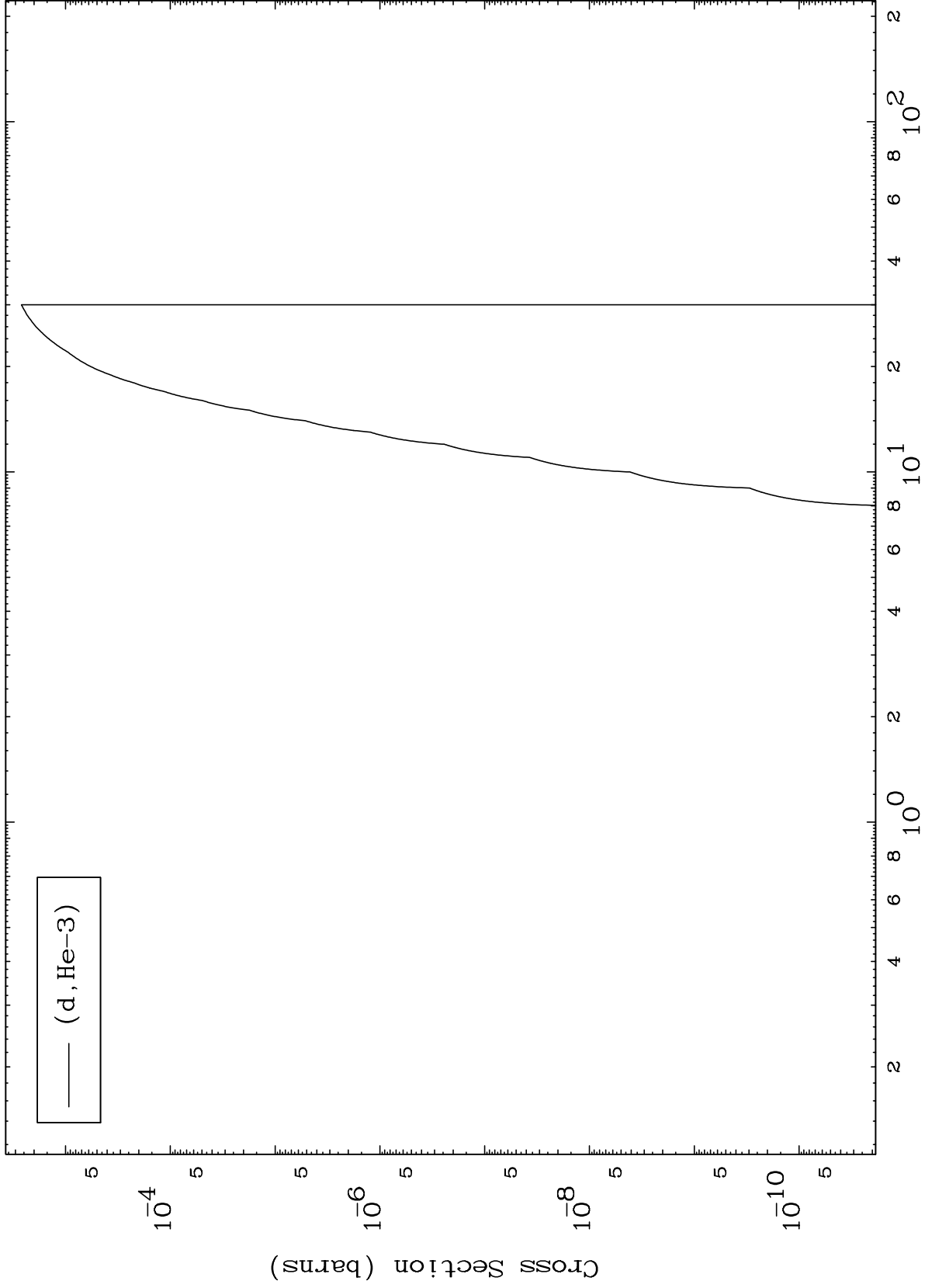


MAT 5917

(d,He3) Levels

59-Pr-138

0 Kelvin Cross Sections



10

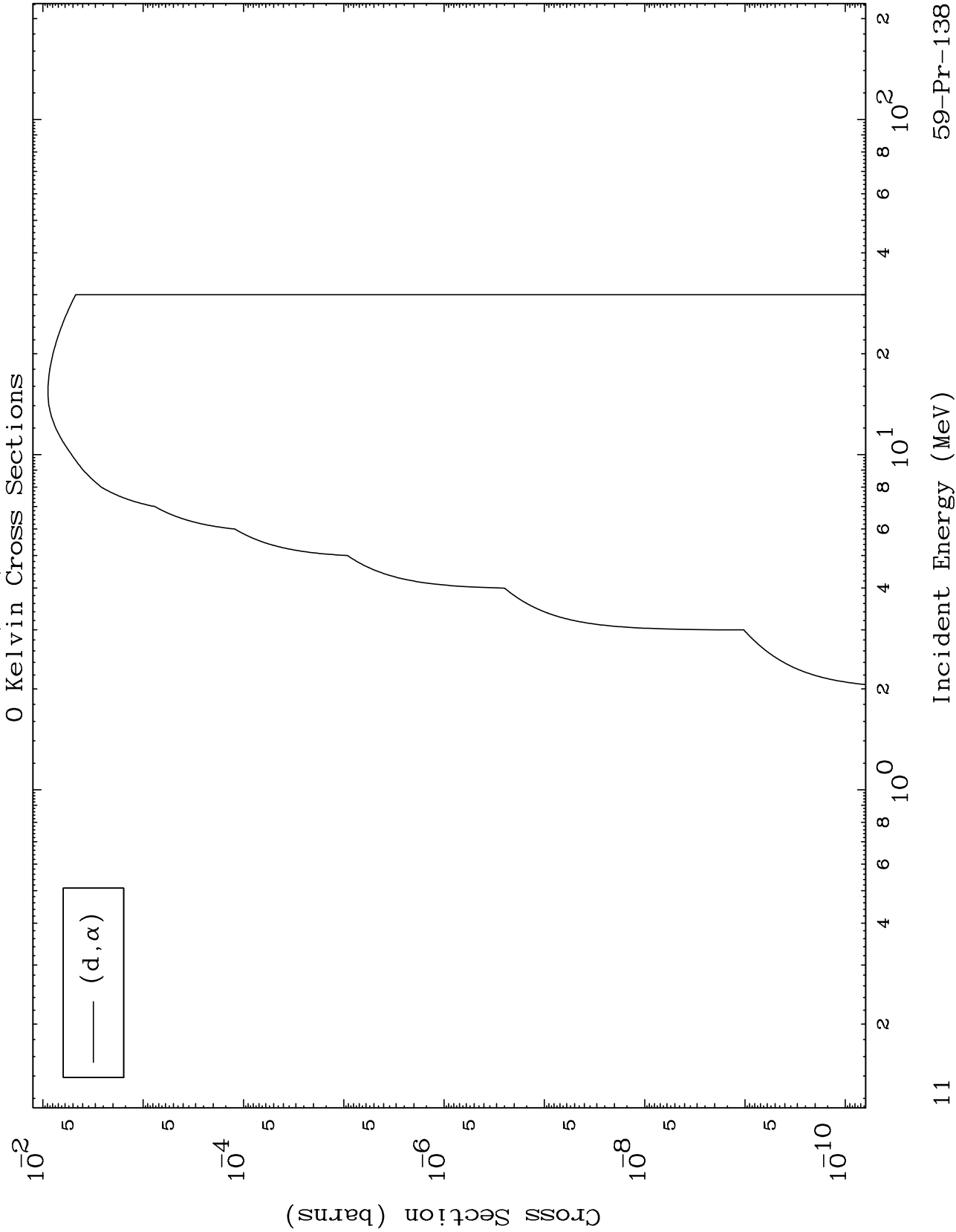
Incident Energy (MeV)

59-Pr-138

MAT 5917

(d,  $\alpha$ ) Levels

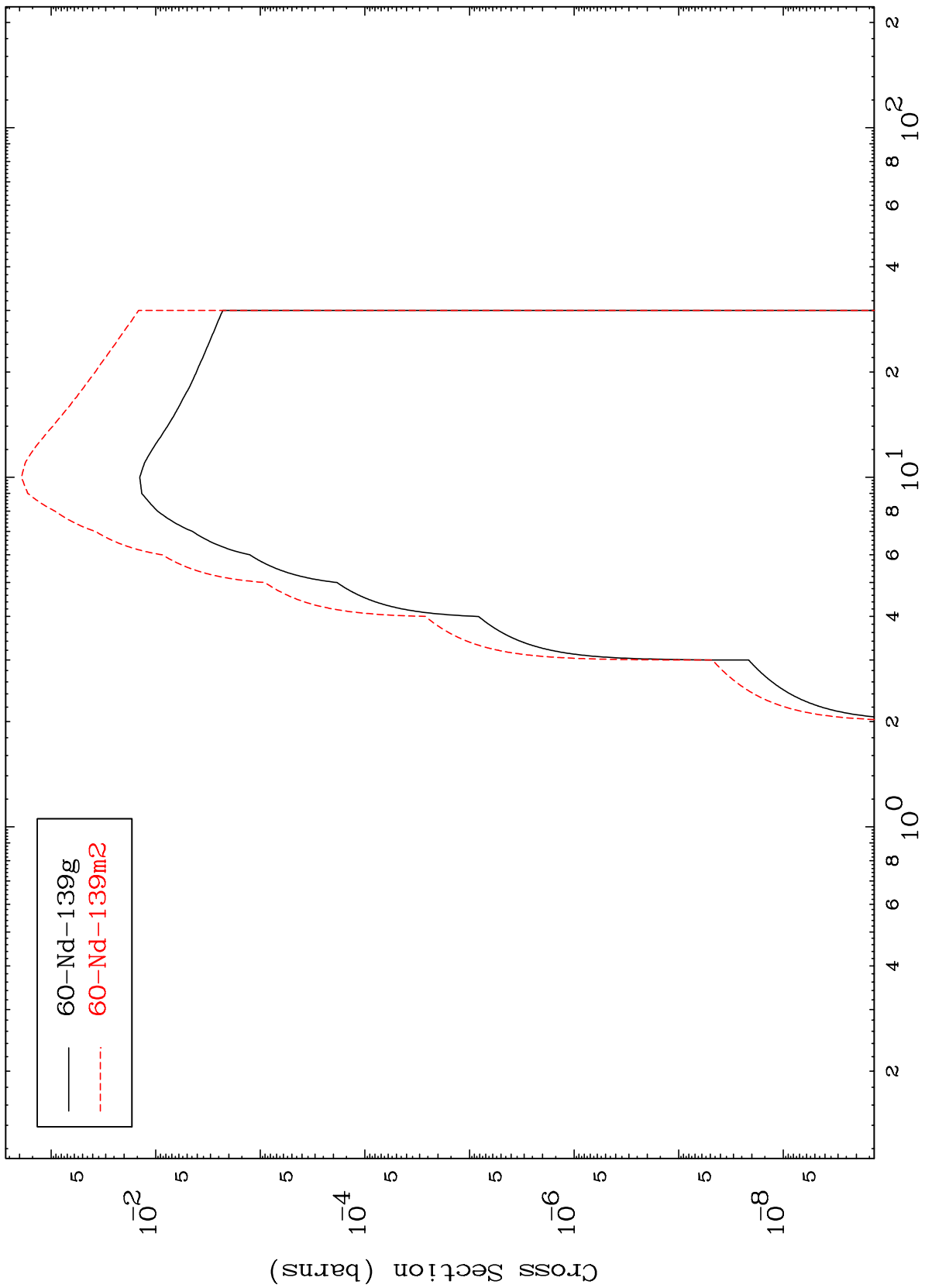
59-Pr-138



MAT 5917

59-Pr-138

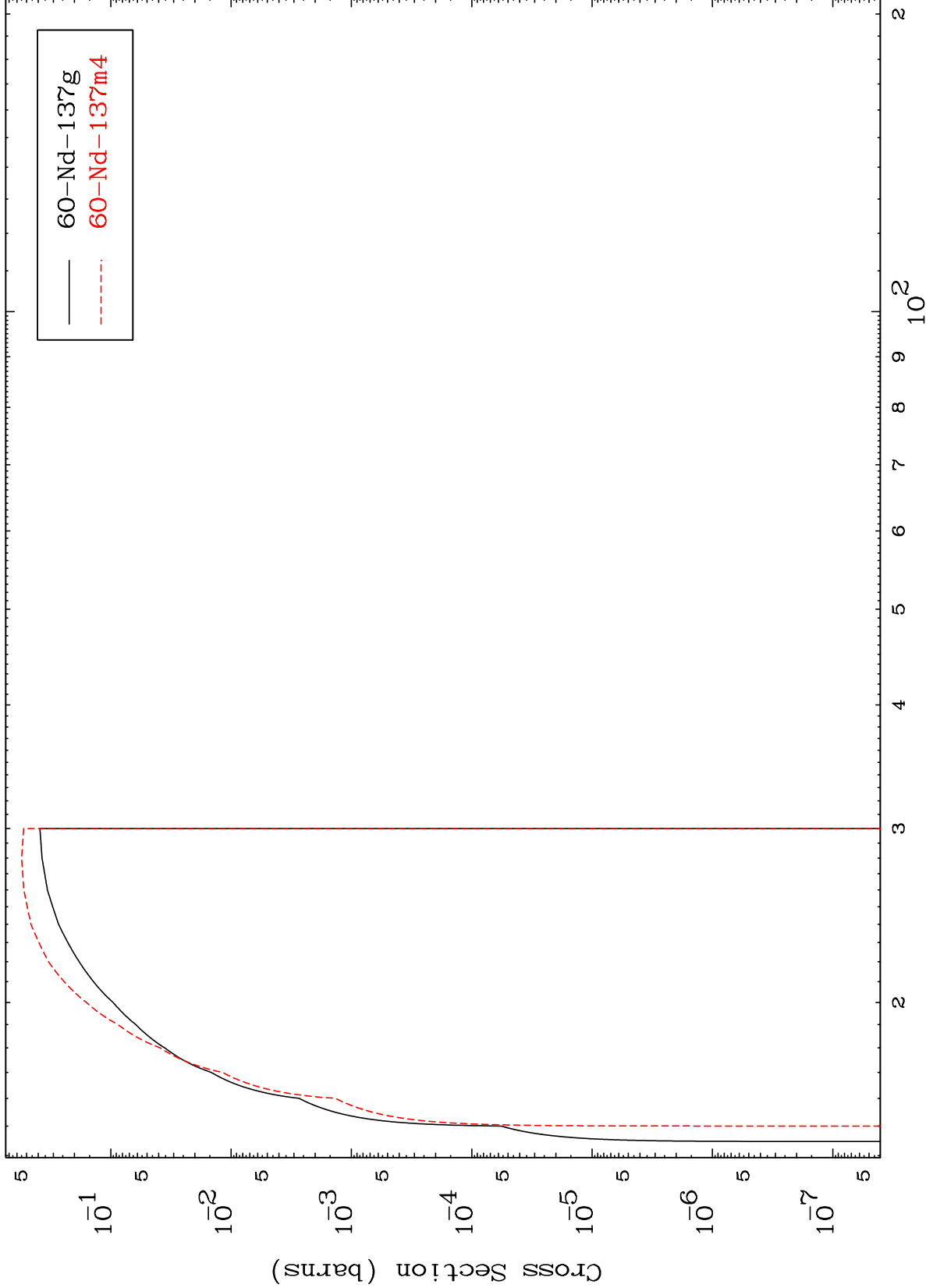
Deuteron Inelastic  
Radionuclide Production Cross Section



12

59-Pr-138

Radionuclide Production Cross Section

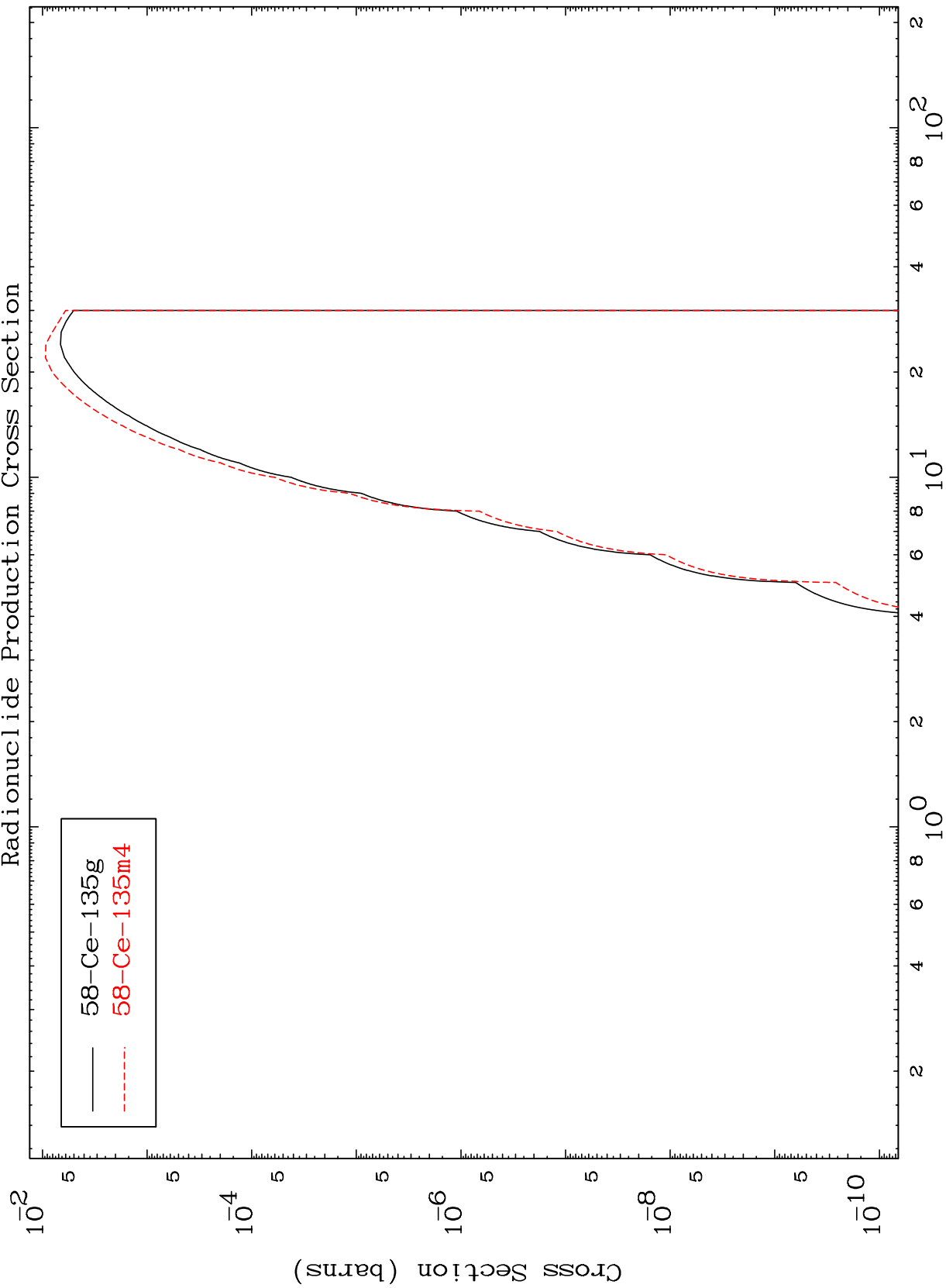


MAT 5917

(d,n')  $\alpha$

59-Pr-138

Radionuclide Production Cross Section



14

Incident Energy (MeV)

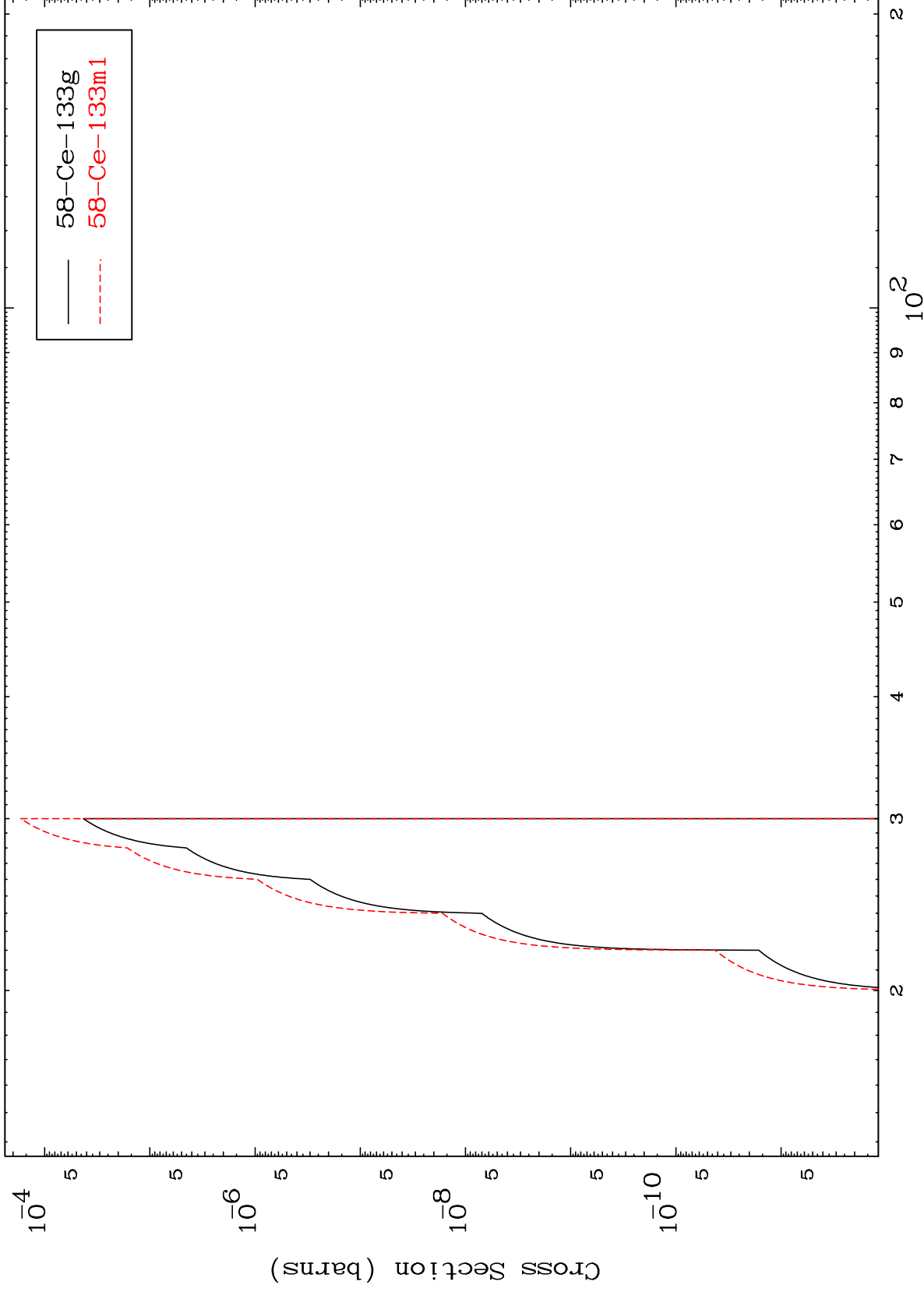
59-Pr-138

MAT 5917

(d,3n)  $\alpha$

59-Pr-138

Radionuclide Production Cross Section



15

Incident Energy (MeV)

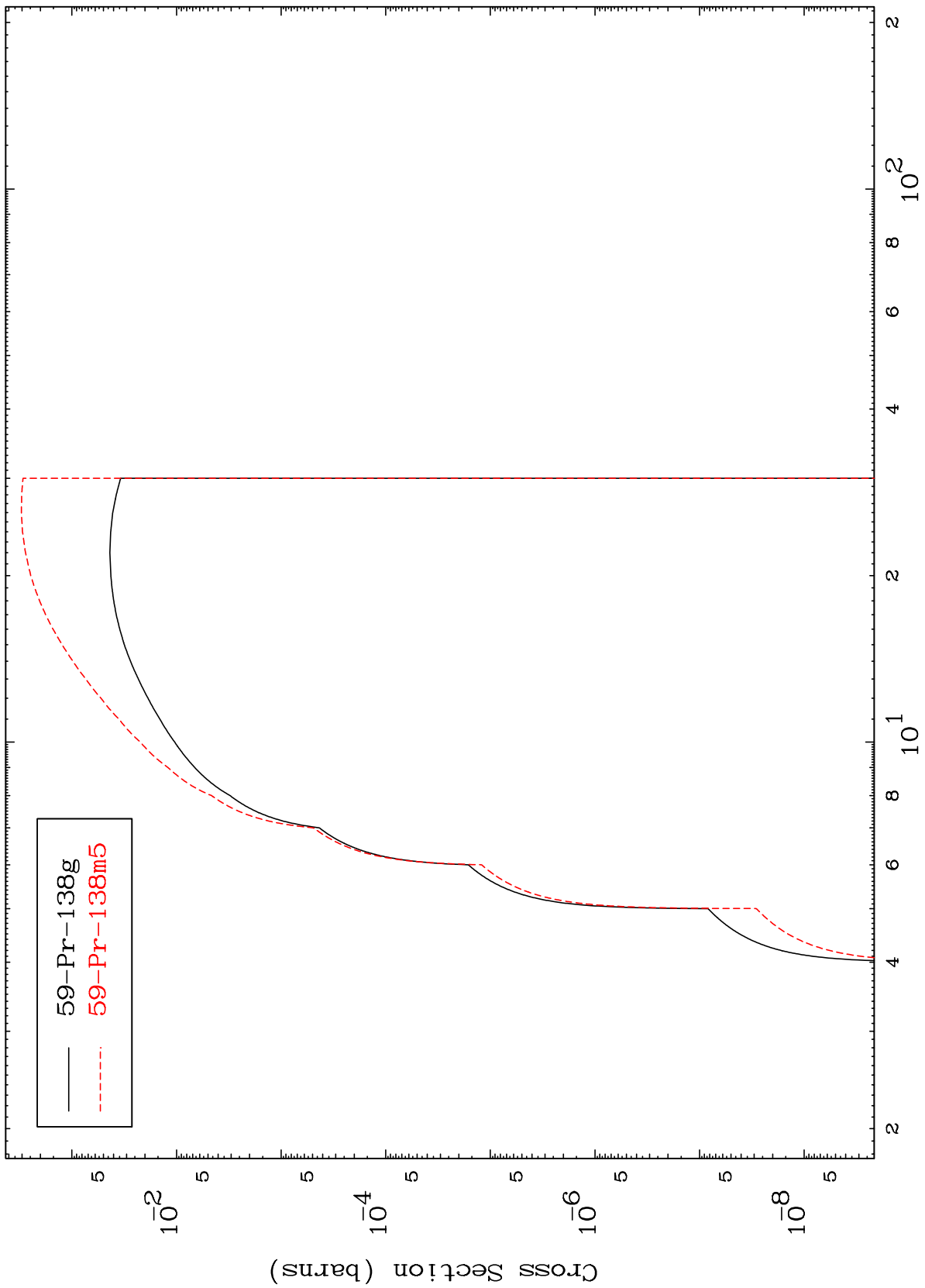
59-Pr-138



MAT 5917

59-Pr-138

(d,n') p  
Radionuclide Production Cross Section



— 59-Pr-138g  
- - - 59-Pr-138m5

59-Pr-138

Incident Energy (MeV)

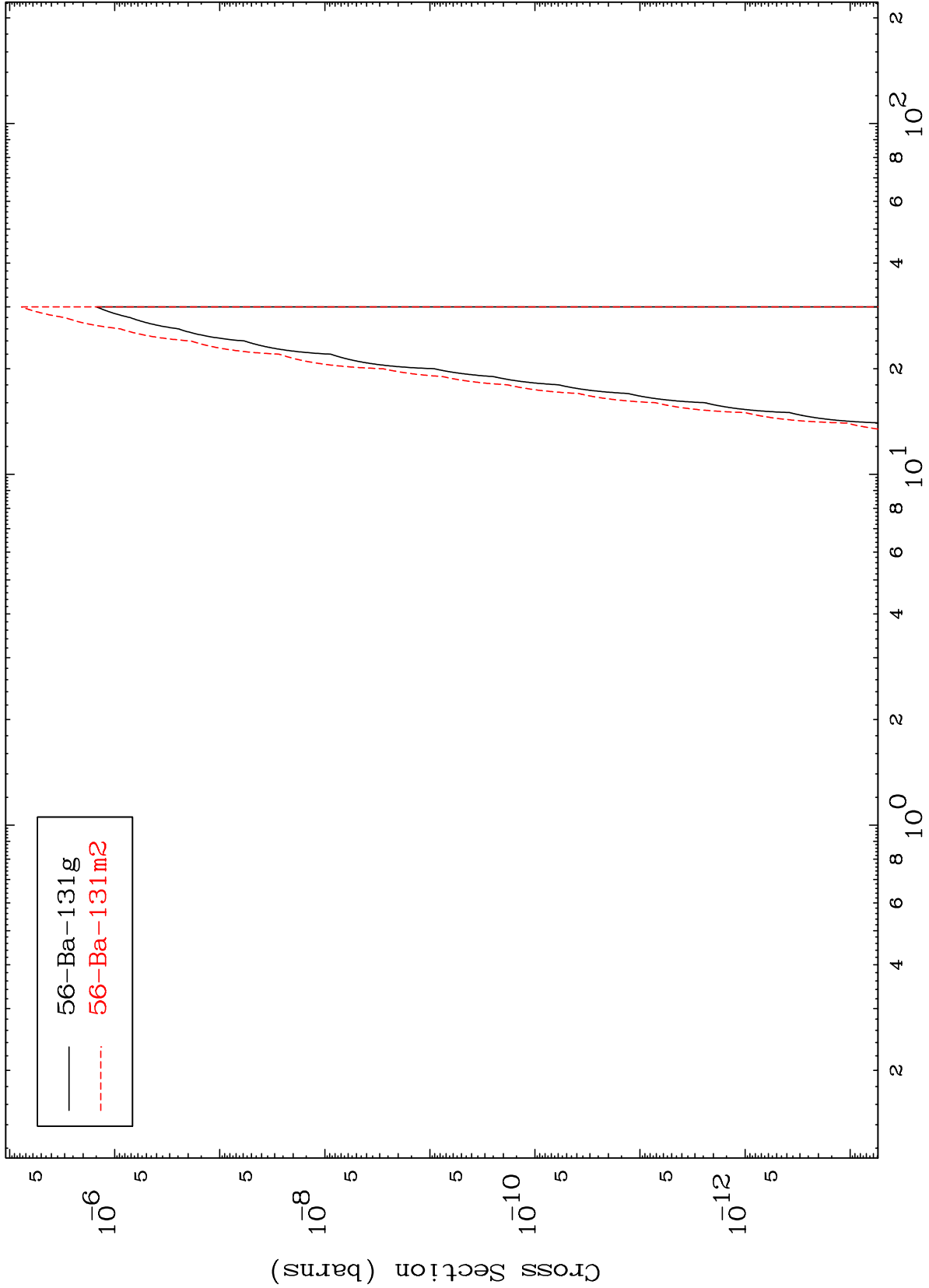
16

MAT 5917

(d,n') 2 $\alpha$

59-Pr-138

Radionuclide Production Cross Section



17

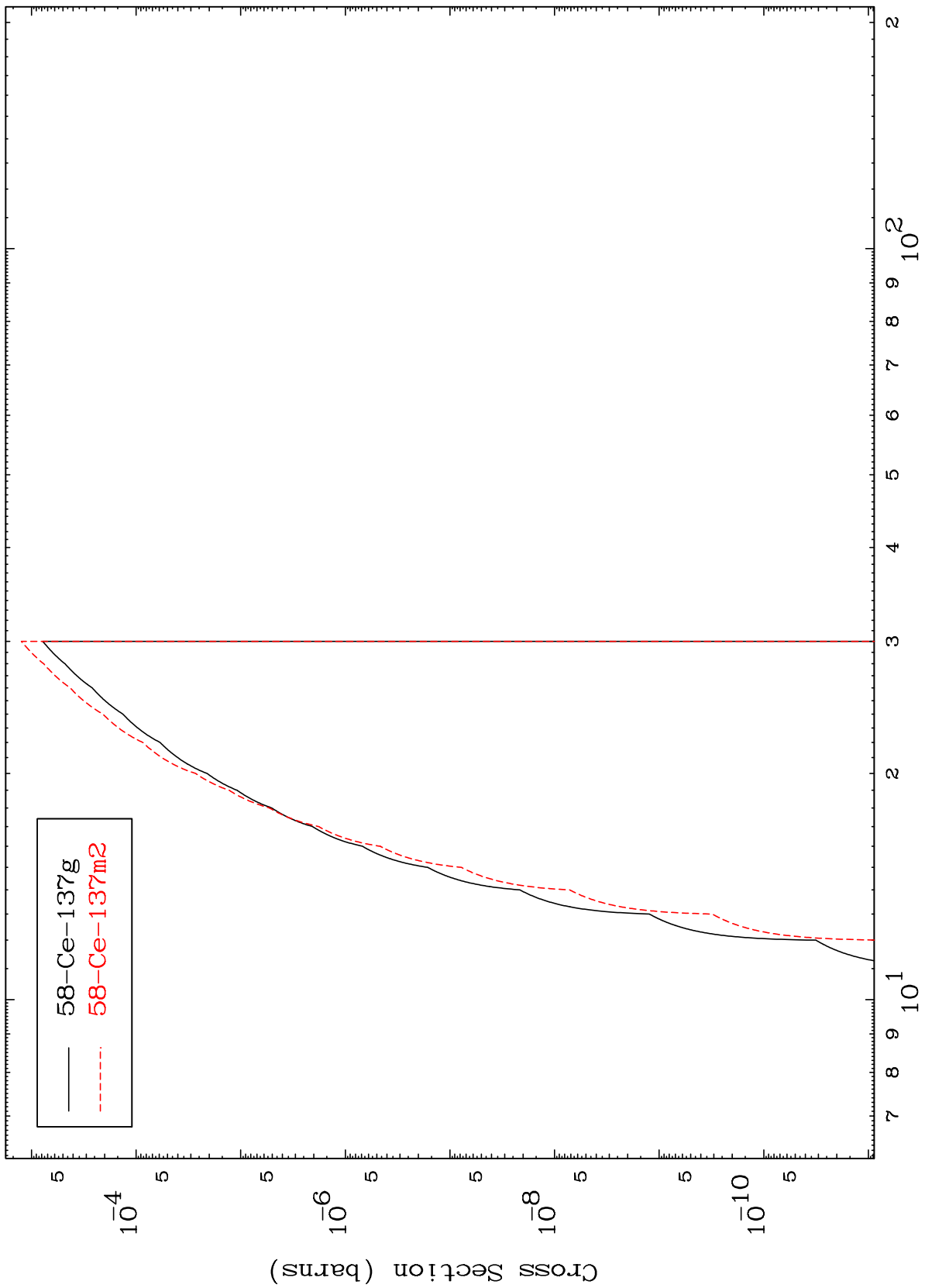
59-Pr-138

MAT 5917

(d,2n) p

59-Pr-138

Radionuclide Production Cross Section



58-Ce-137g  
58-Ce-137m2

18

Incident Energy (MeV)

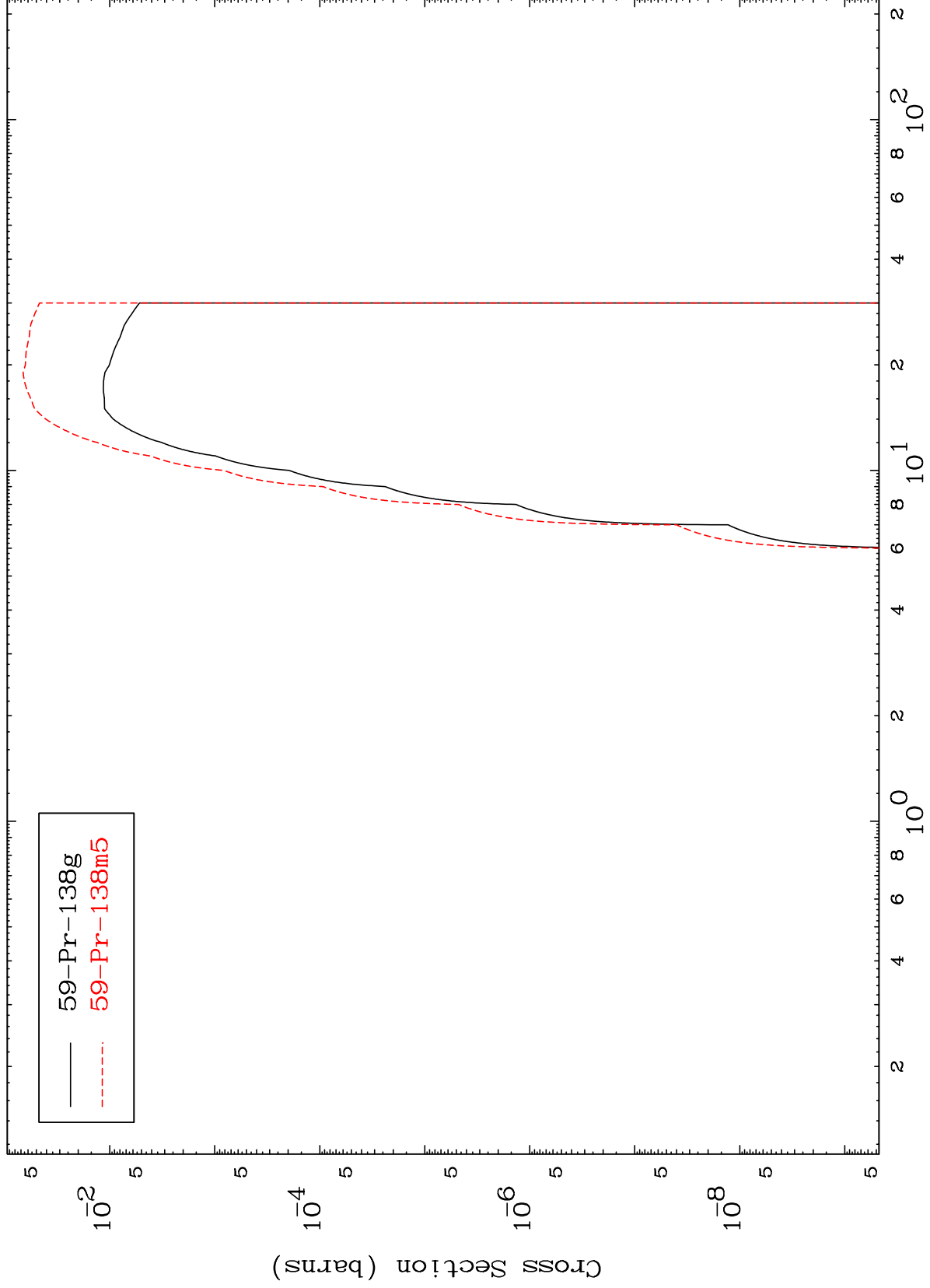
59-Pr-138

MAT 5917

(d,d)

59-Pr-138

Radionuclide Production Cross Section



19

Incident Energy (MeV)

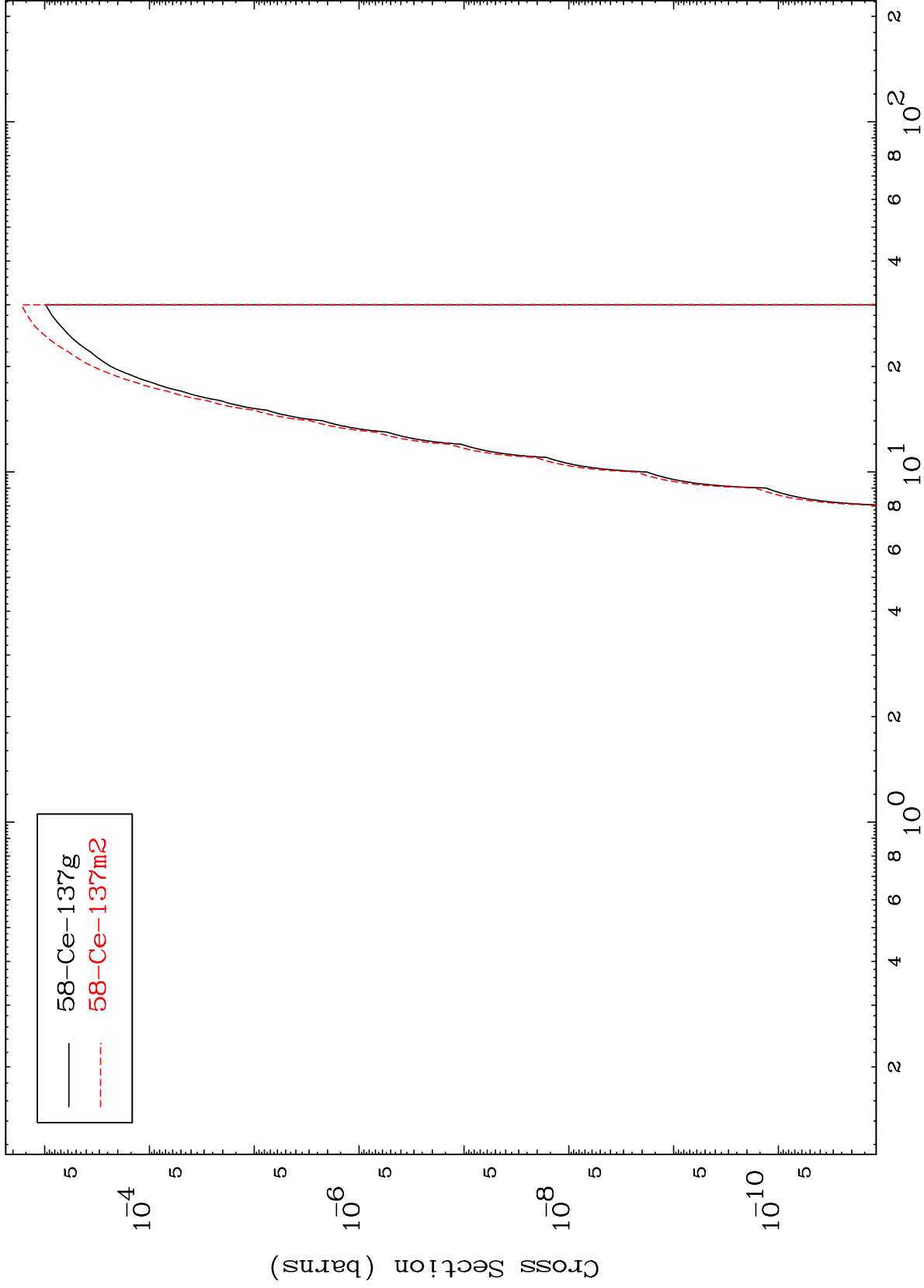
59-Pr-138

MAT 5917

(d,He-3)

59-Pr-138

Radionuclide Production Cross Section



20

Incident Energy (MeV)

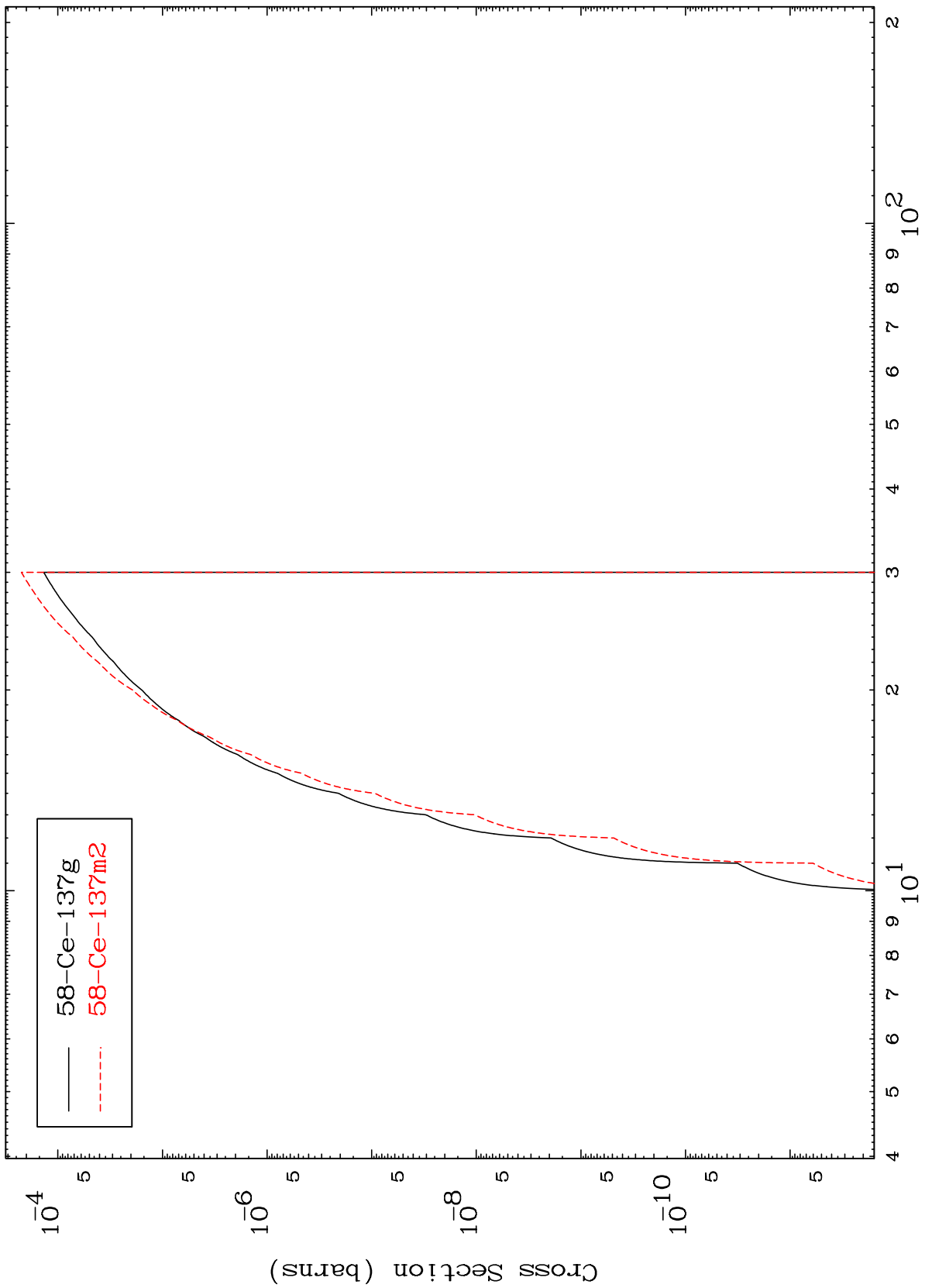
59-Pr-138

MAT 5917

(d,p) d

59-Pr-138

Radionuclide Production Cross Section



21

Incident Energy (MeV)

59-Pr-138