

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

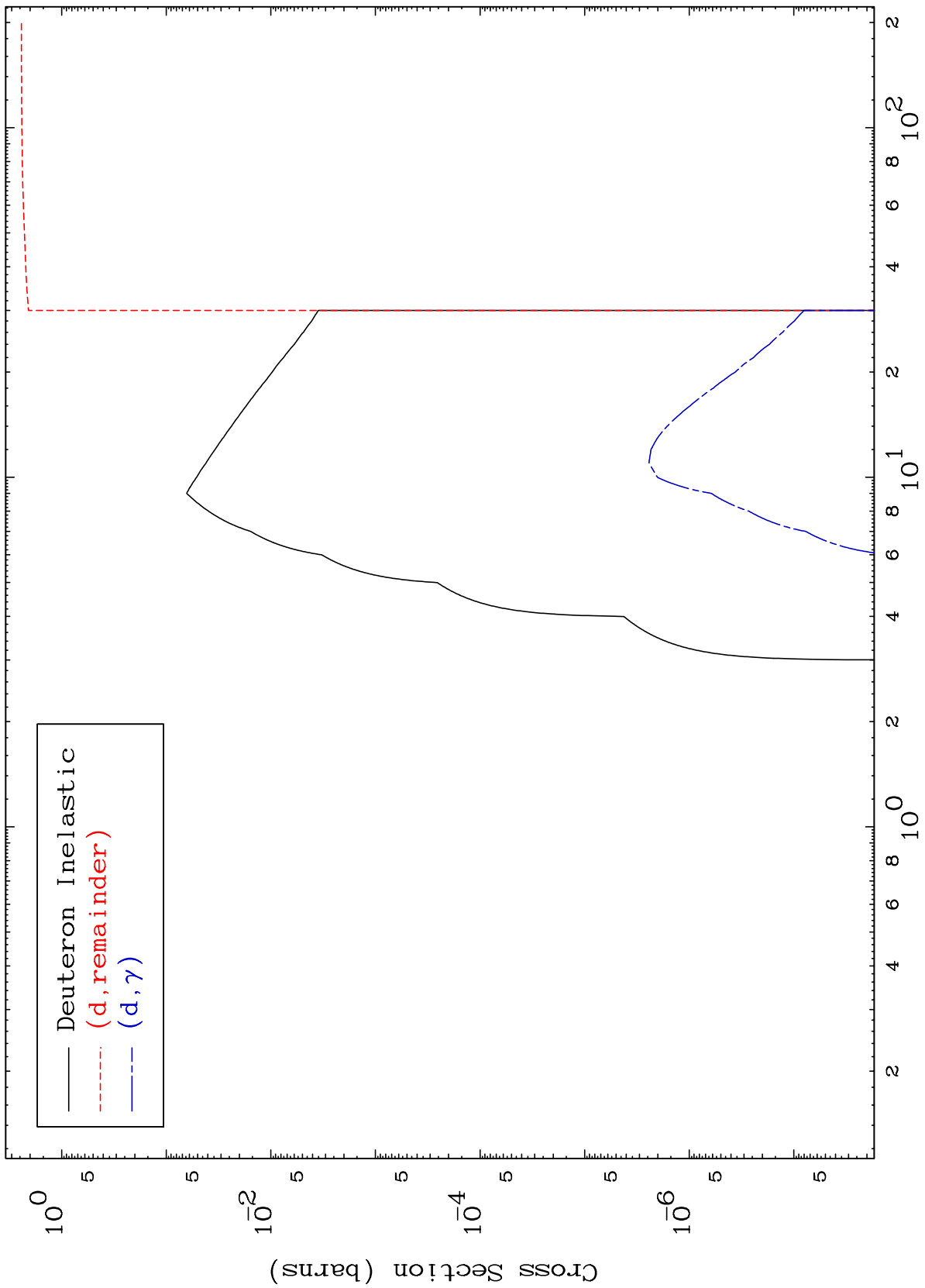
Web:redcullen1.net/HOMEPAGE.NEW

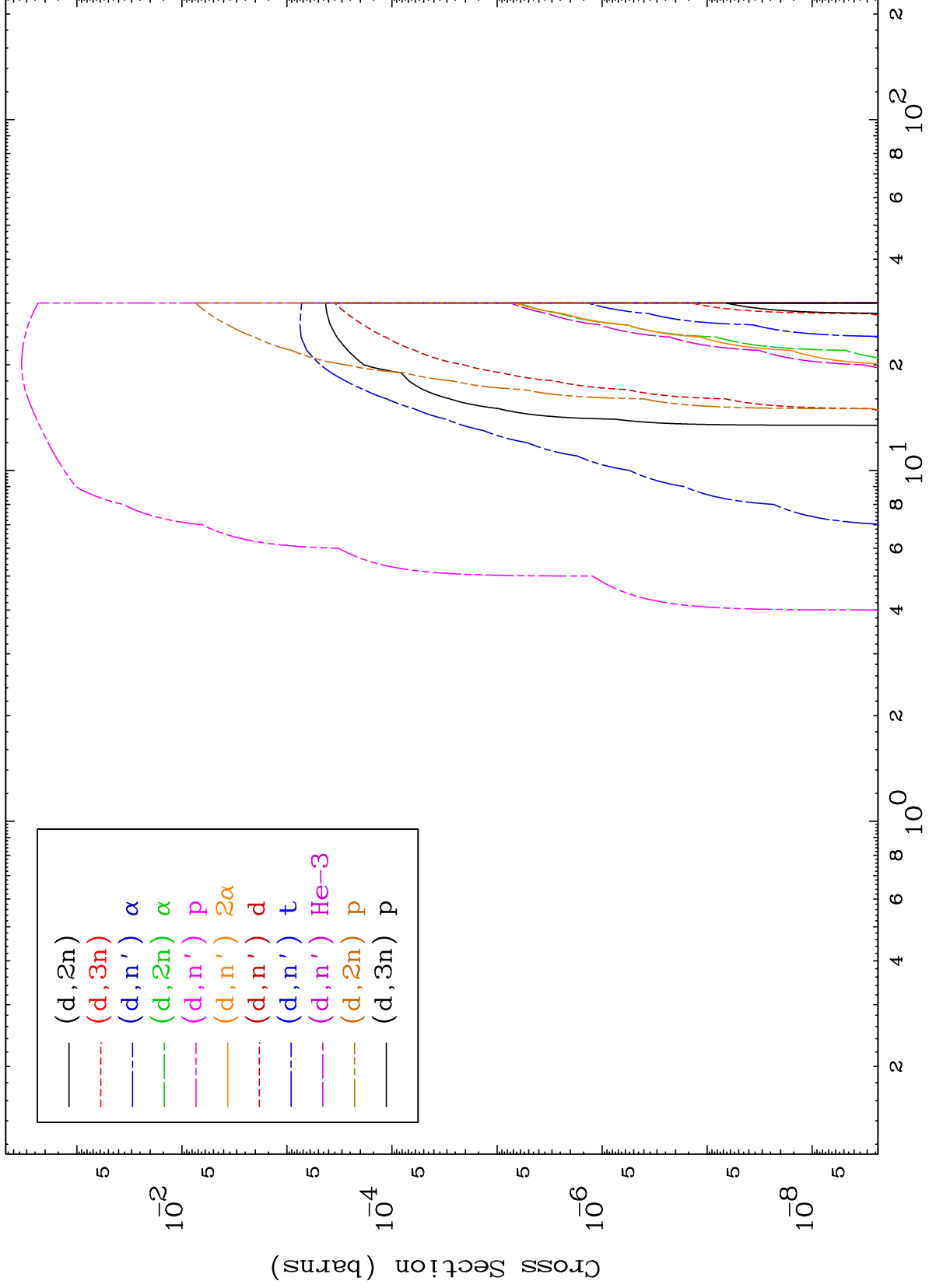
Press Mouse Button to Start

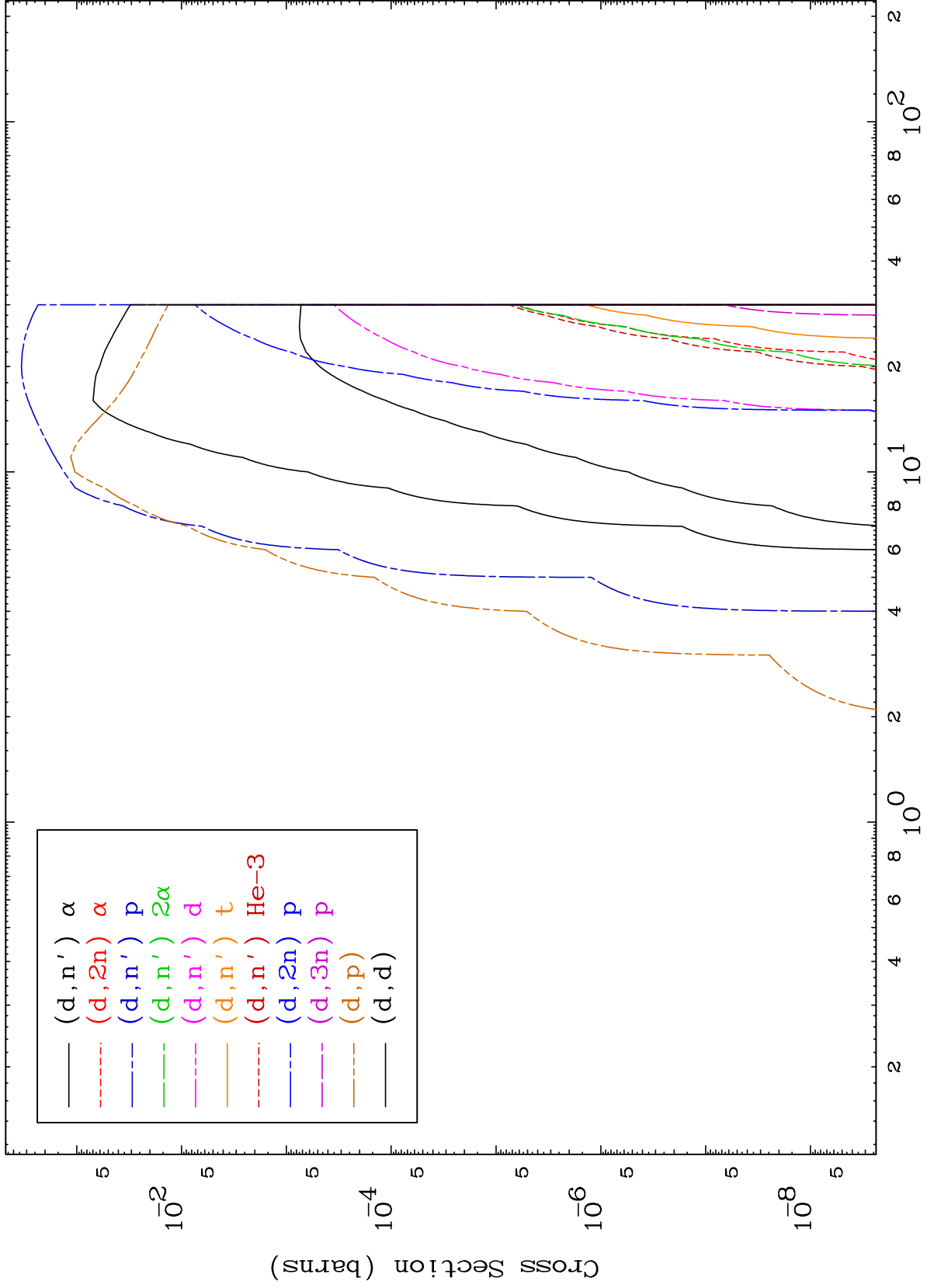
MAT 6380

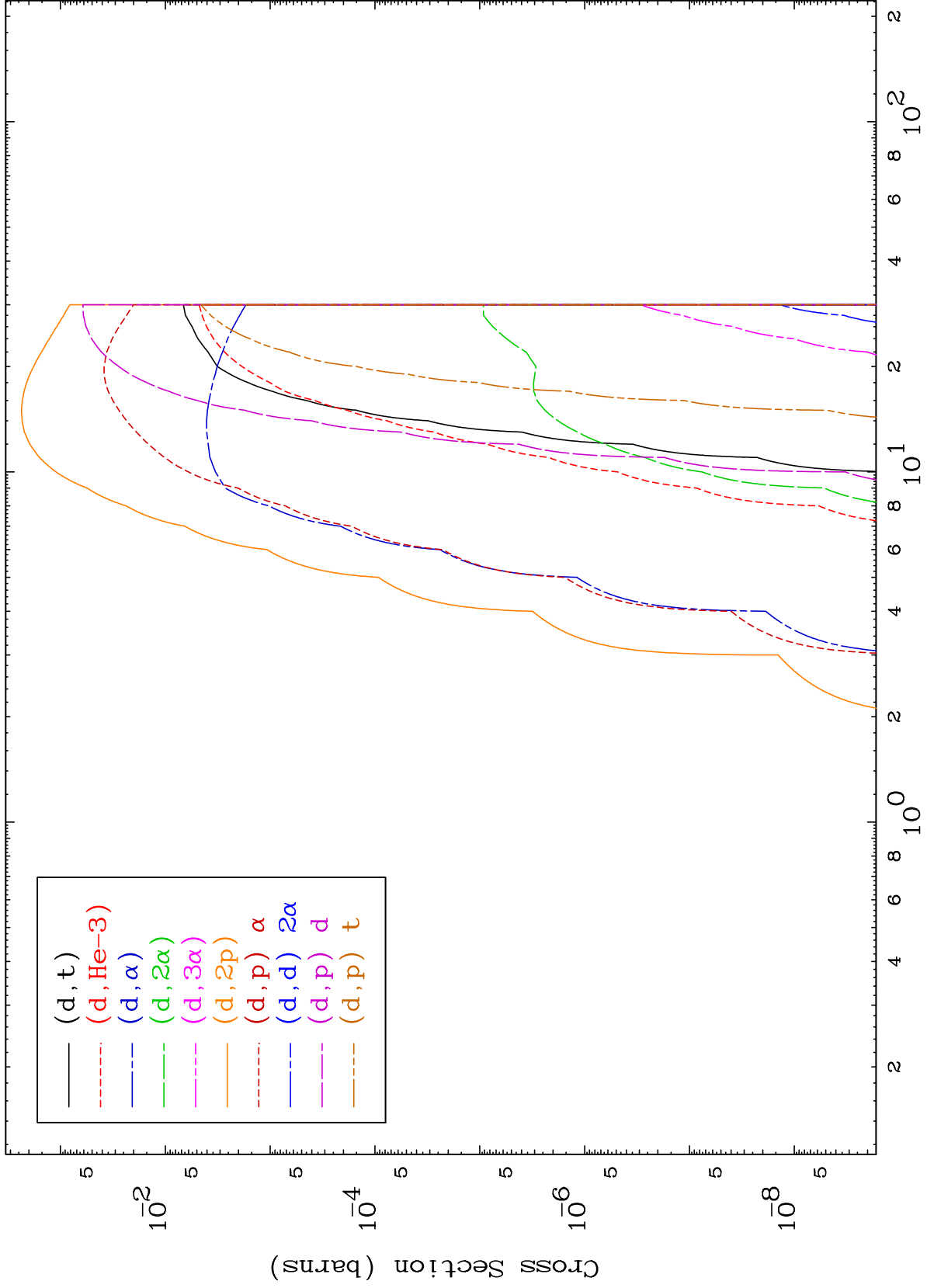
Deuteron Major  
0 Kelvin Cross Sections

64-Gd-137







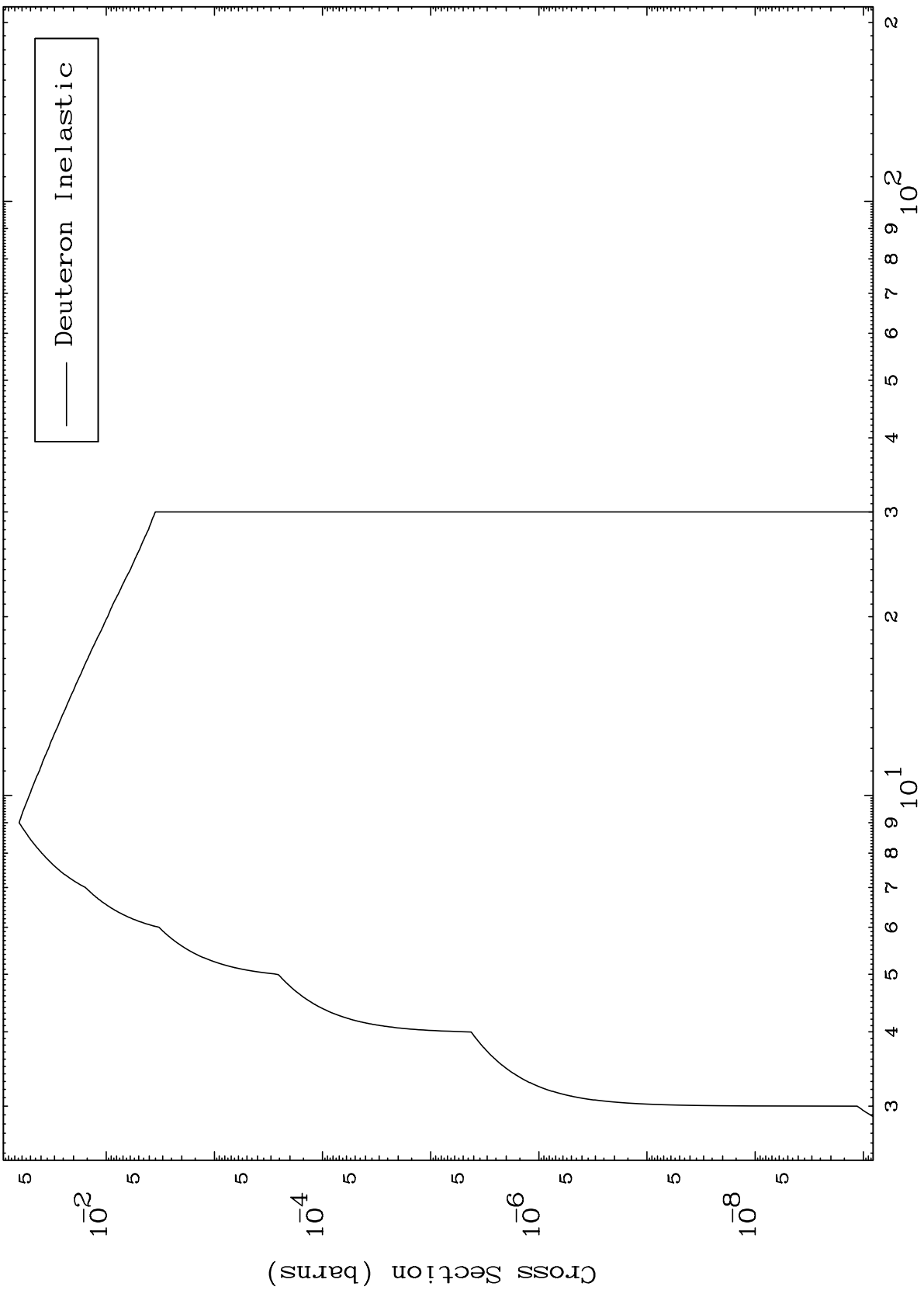


MAT 6380

(d,n') Level

64-Gd-137

0 Kelvin Cross Sections



5

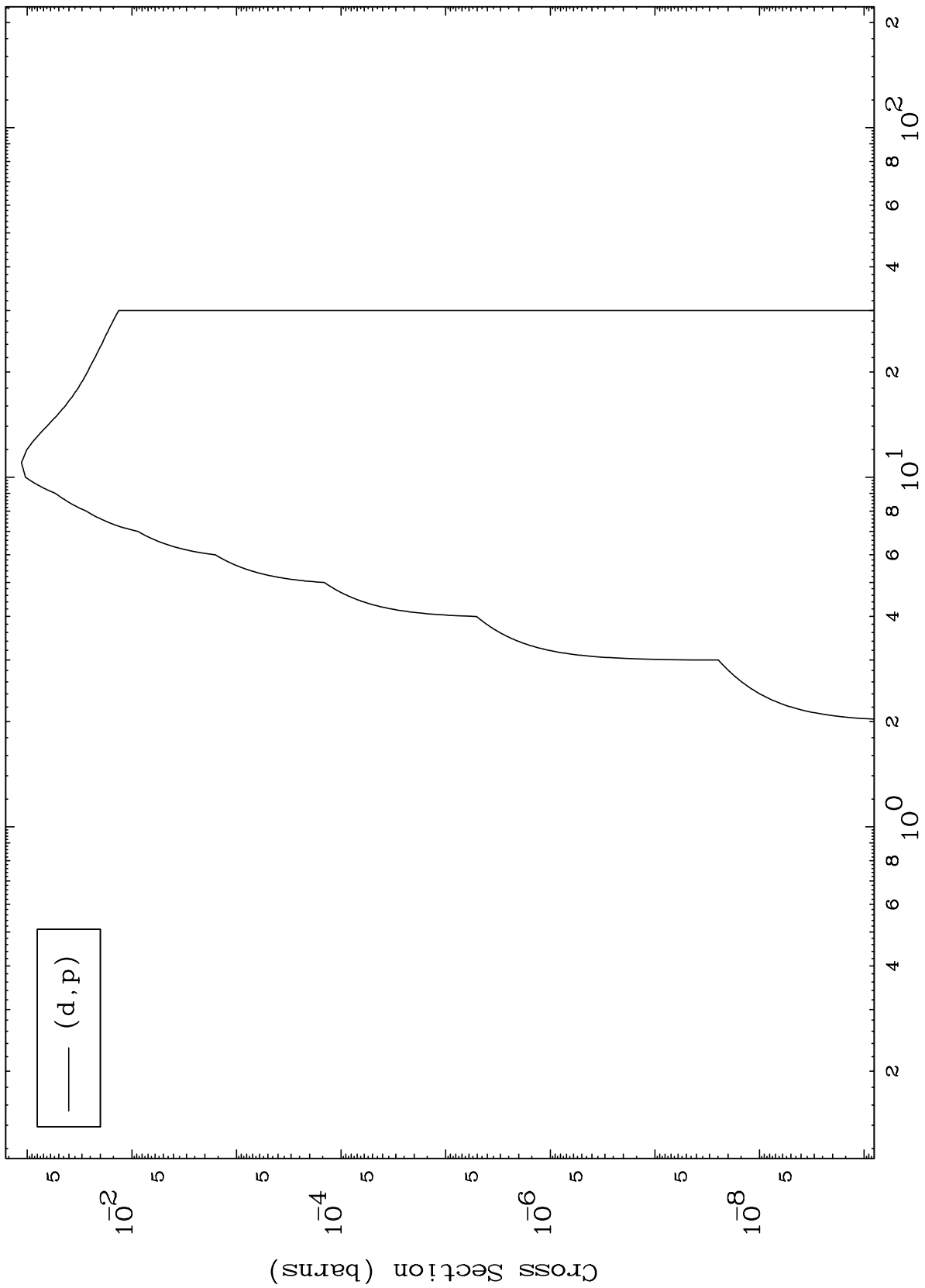
Incident Energy (MeV)

64-Gd-137

MAT 6380

64-Gd-137

(d,p) Levels  
0 Kelvin Cross Sections



64-Gd-137

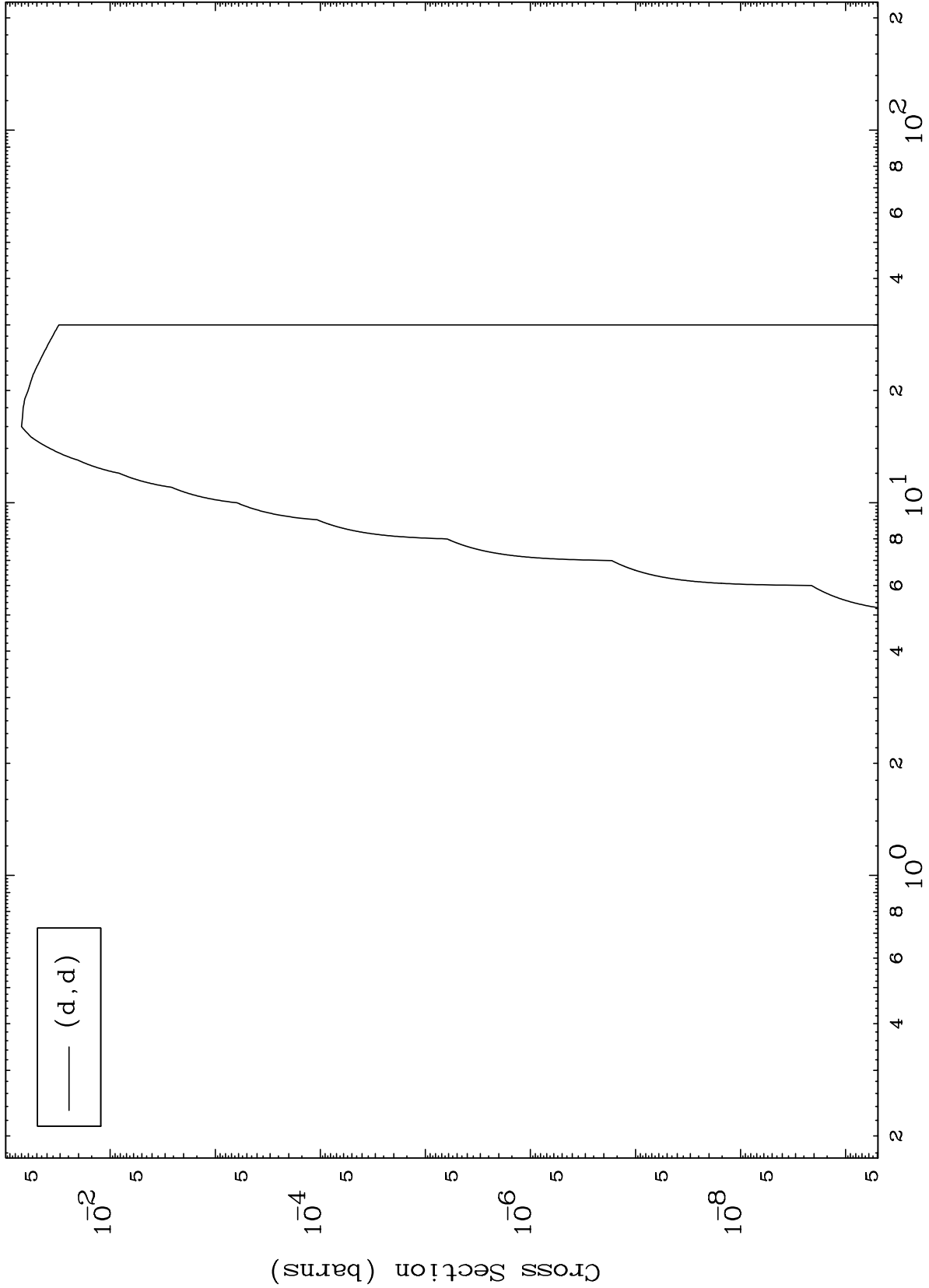
Incident Energy (MeV)

MAT 6380

(d,d) Levels

64-Gd-137

0 Kelvin Cross Sections

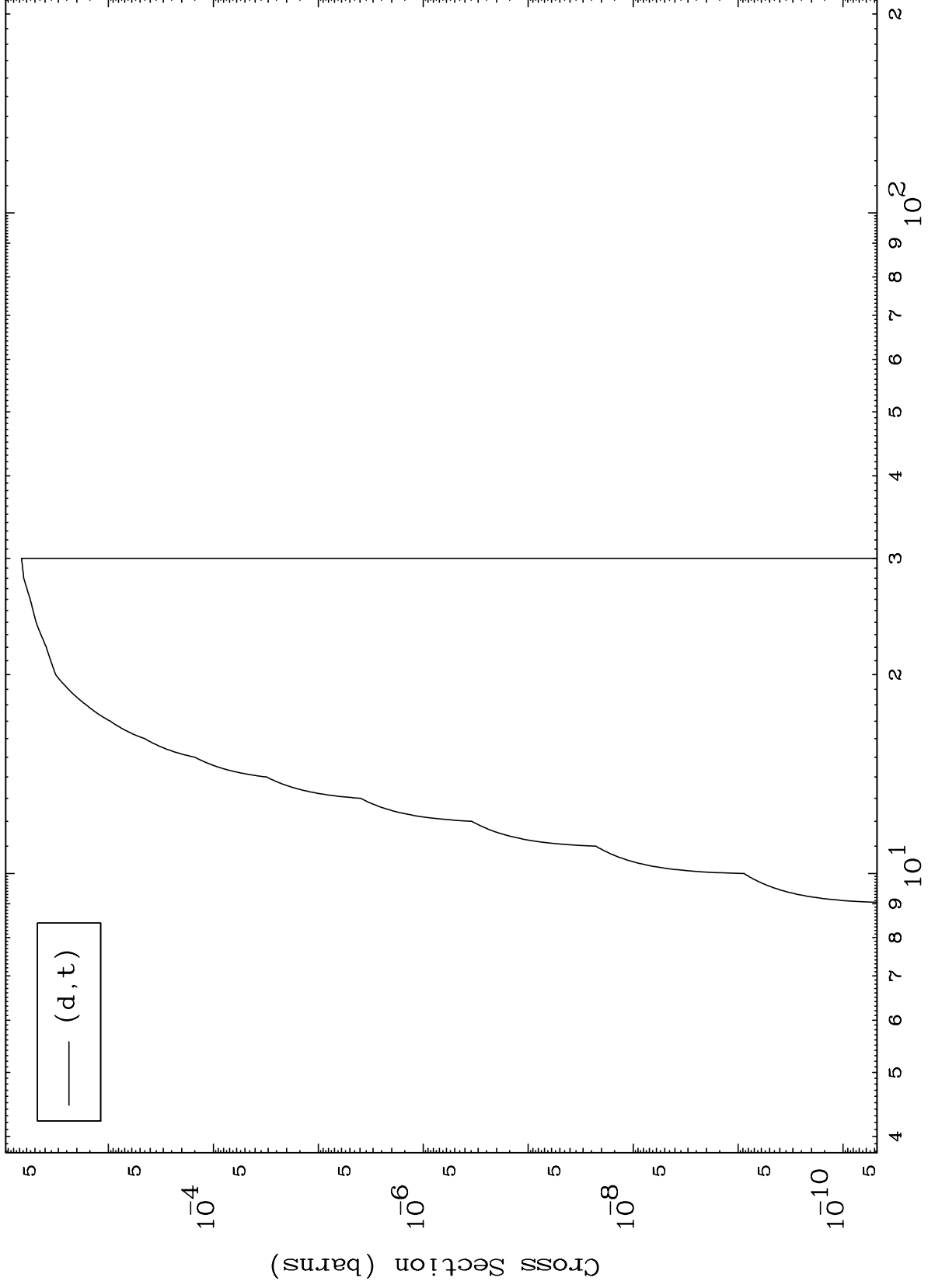




MAT 6380

(d,t) Levels  
0 Kelvin Cross Sections

64-Gd-137



8

Incident Energy (MeV)

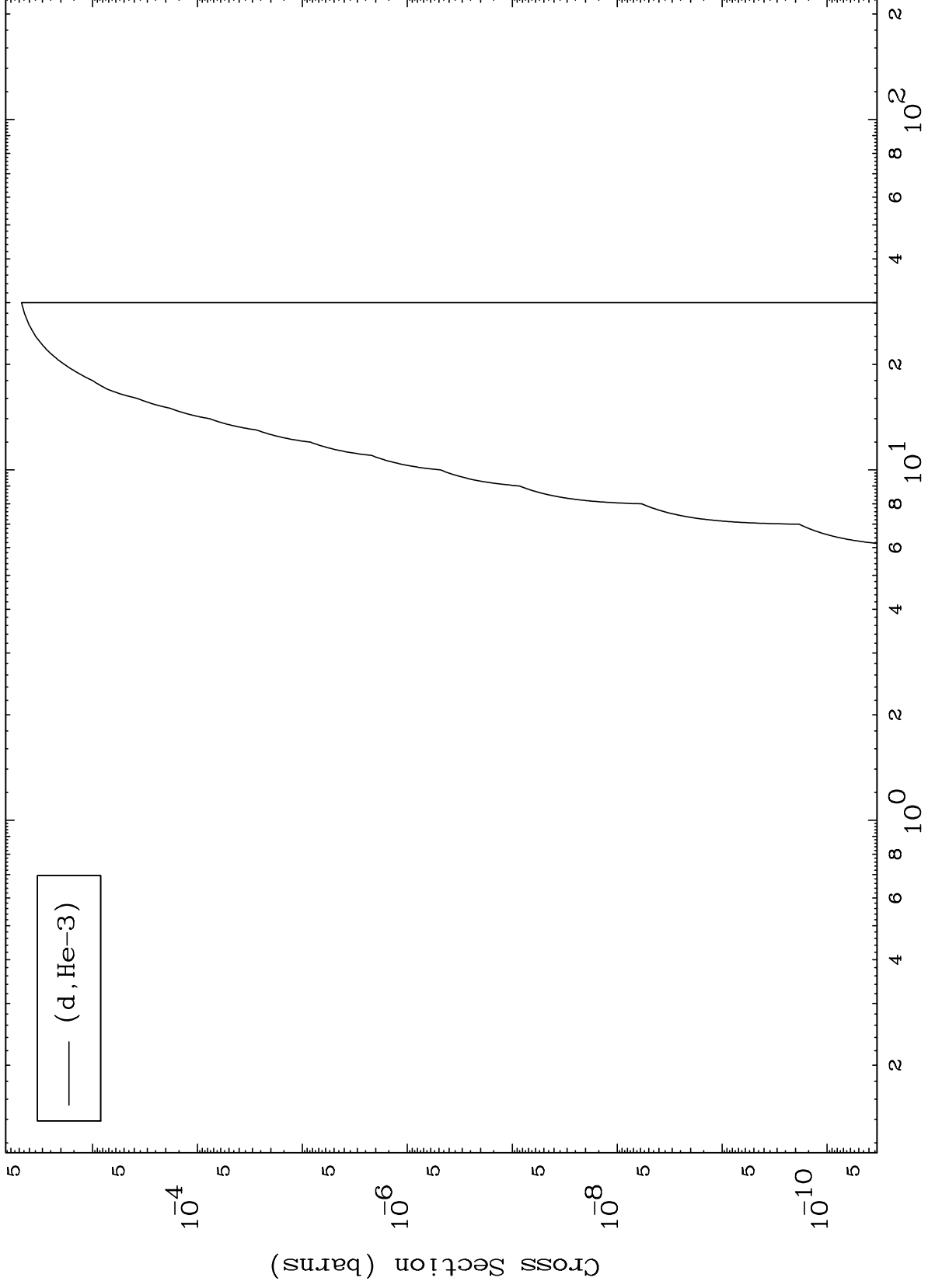
64-Gd-137

MAT 6380

(d,He3) Levels

64-Gd-137

0 Kelvin Cross Sections

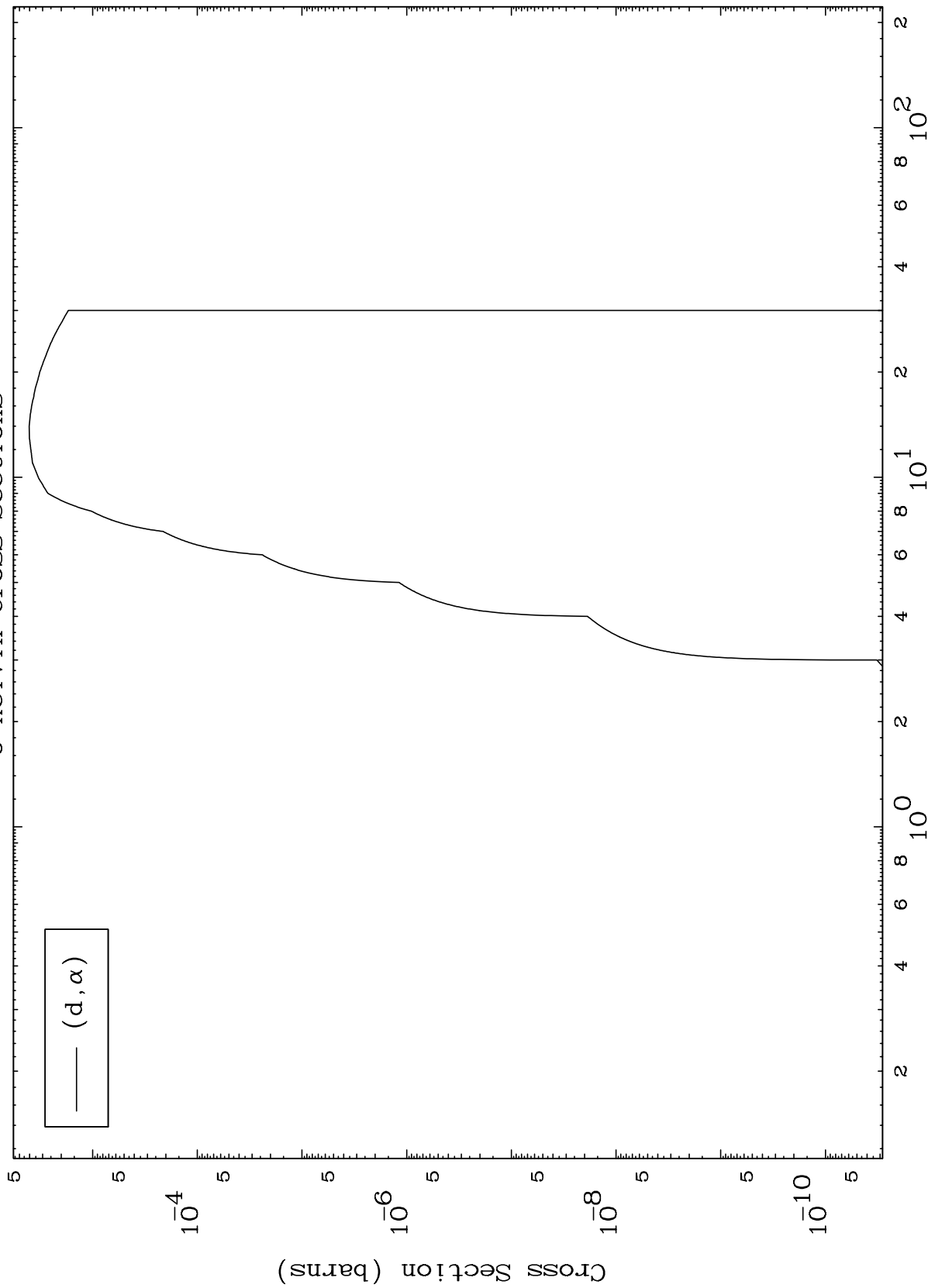


MAT 6380

(d,  $\alpha$ ) Levels

64-Gd-137

0 Kelvin Cross Sections



10

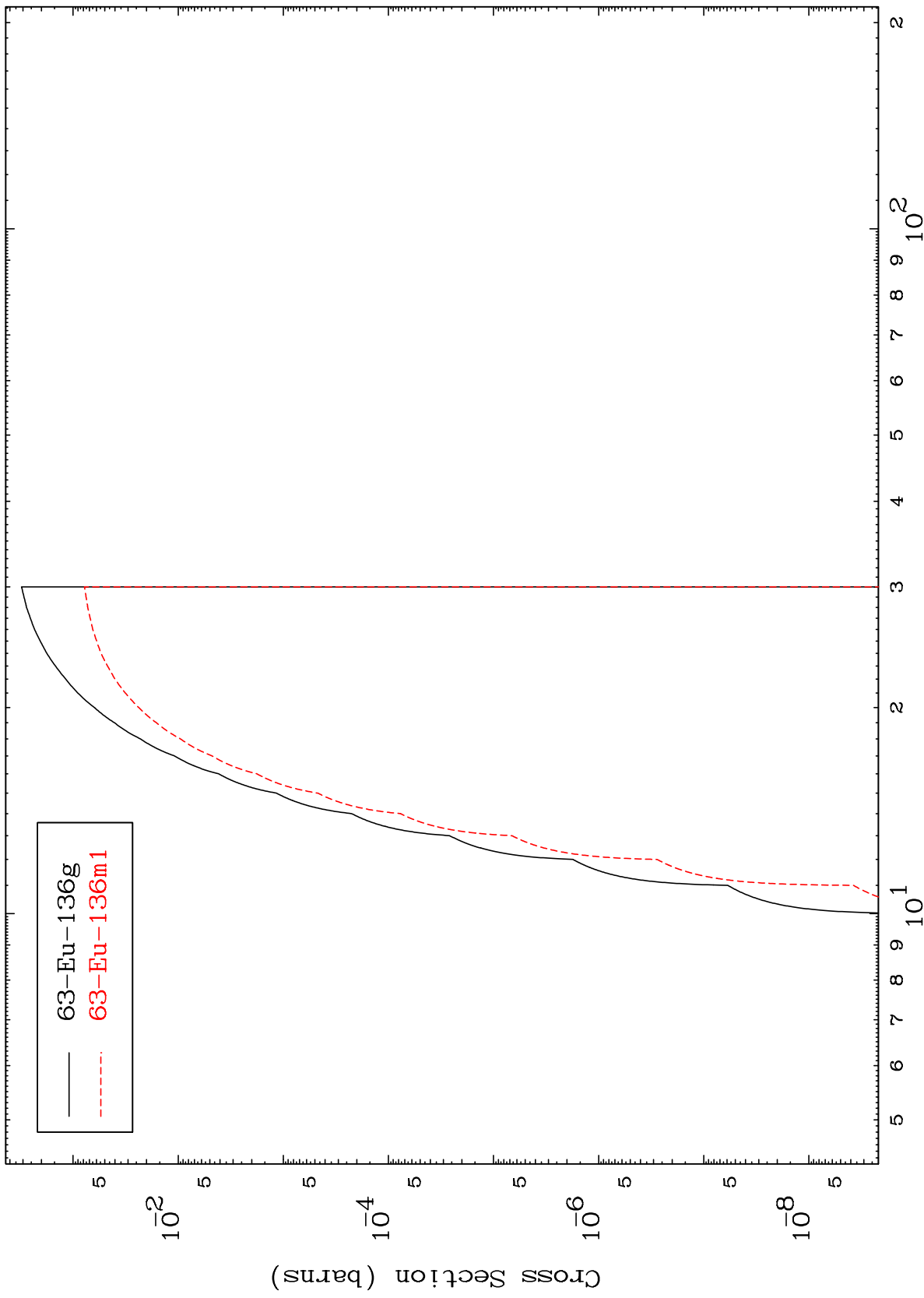
Incident Energy (MeV)

64-Gd-137

MAT 6380

$^{64}\text{Gd}-137$

Radionuclide Production Cross Section  
(d,2n) p



11

Incident Energy (MeV)

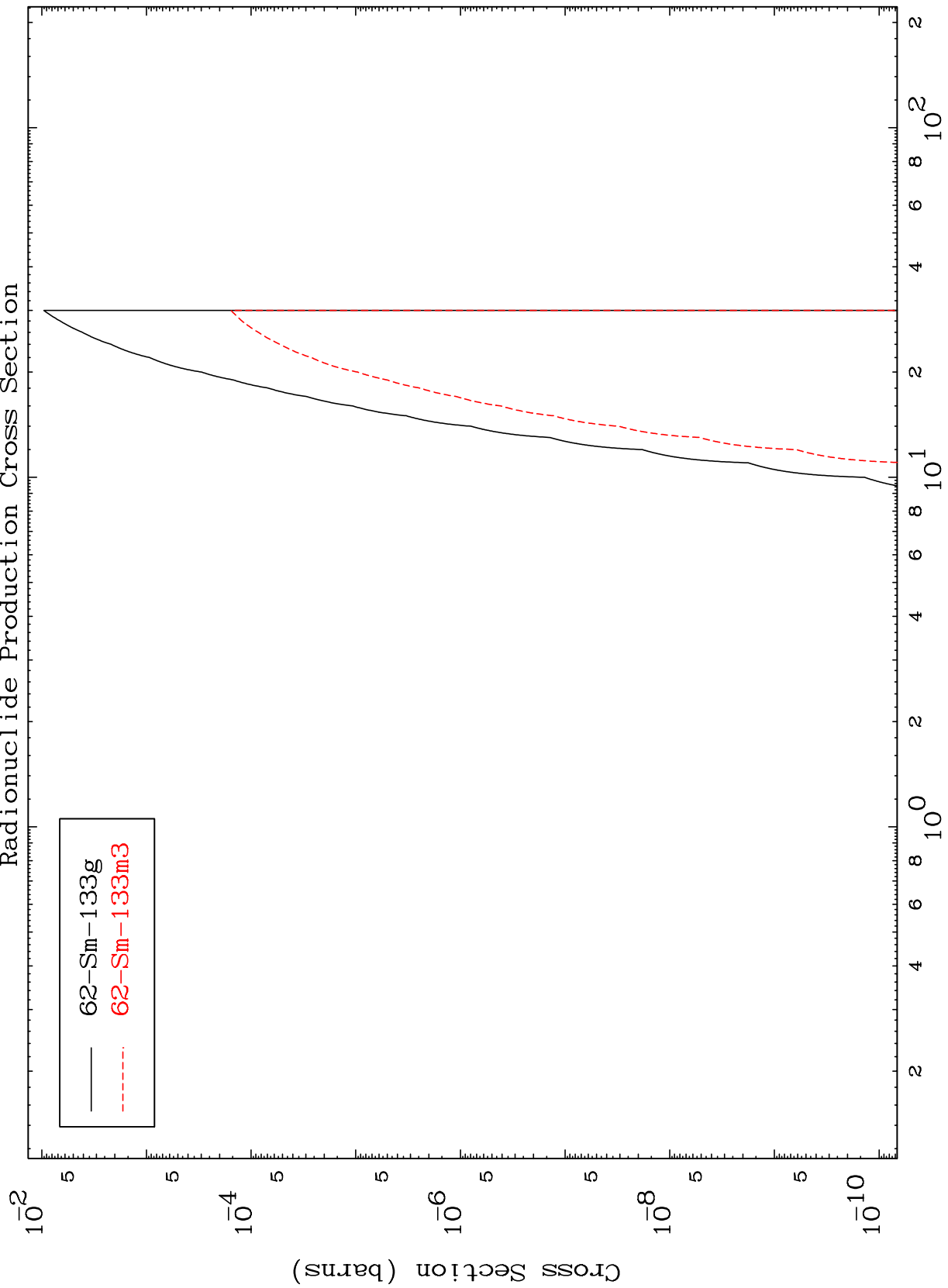
$^{64}\text{Gd}-137$

MAT 6380

(d,n') p  $\alpha$

64-Gd-137

Radionuclide Production Cross Section



12

Incident Energy (MeV)

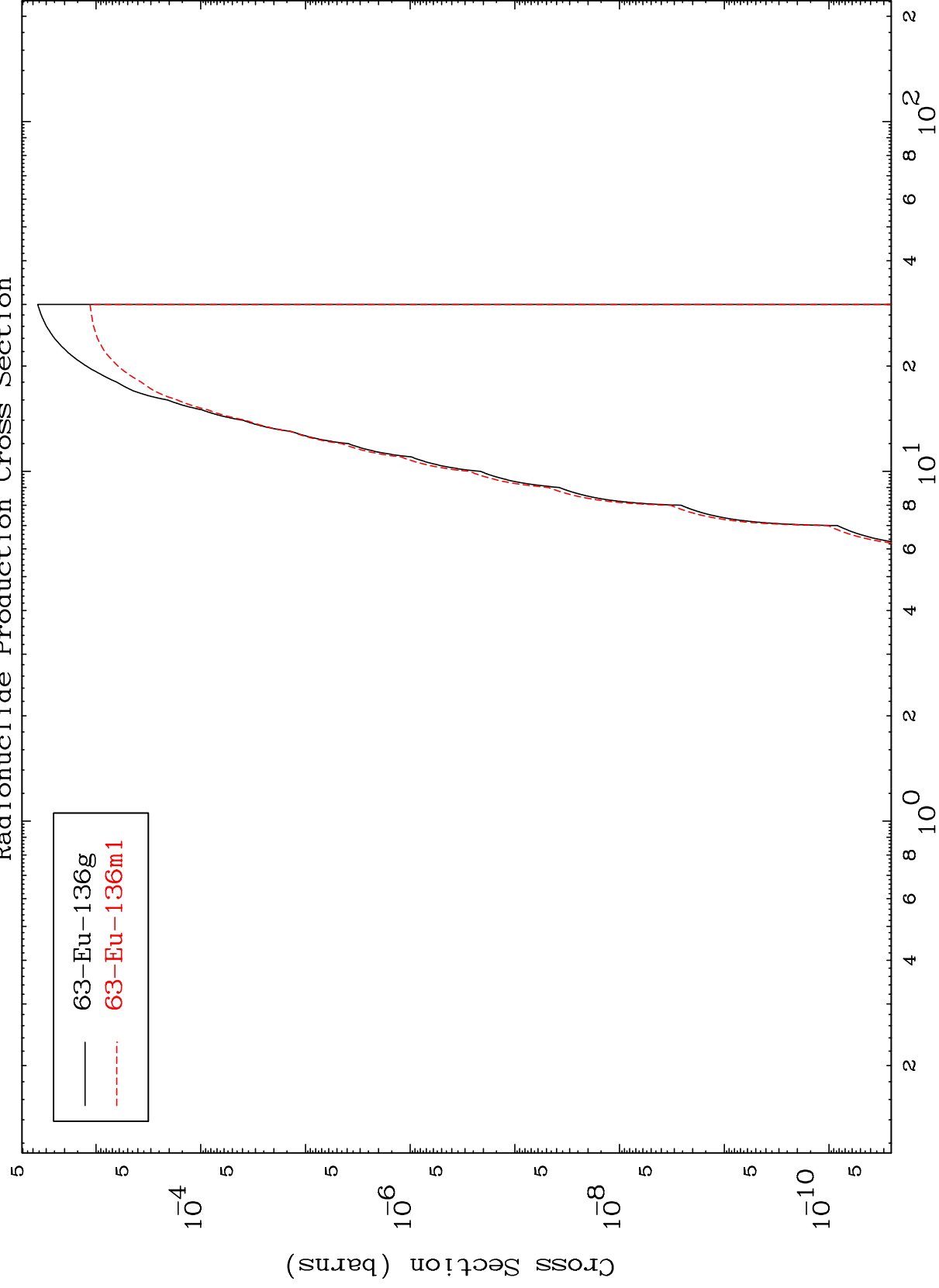
64-Gd-137

MAT 6380

(d,He-3)

64-Gd-137

Radionuclide Production Cross Section



13

Incident Energy (MeV)

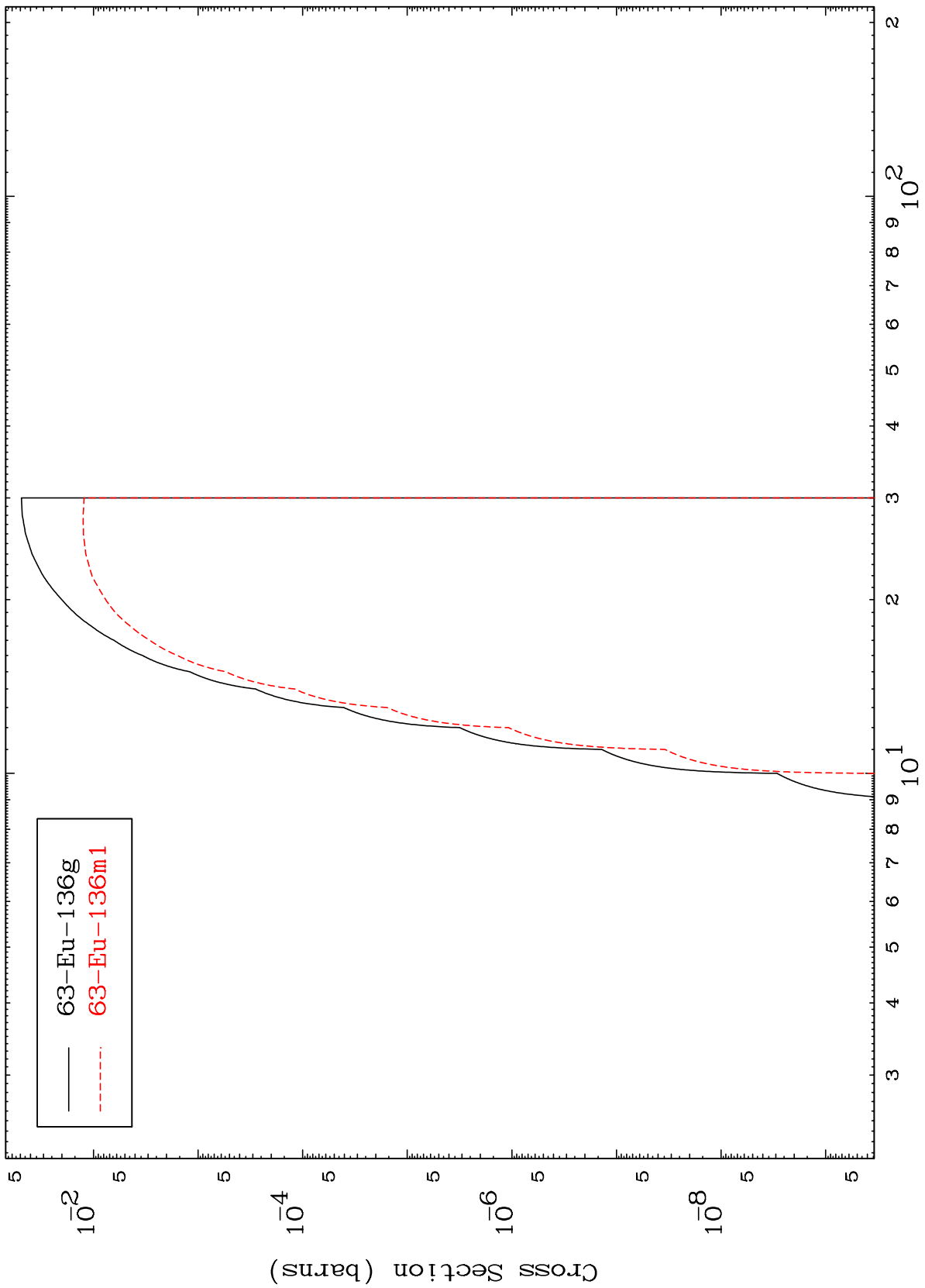
64-Gd-137

MAT 6380

(d,p) d

64-Gd-137

Radionuclide Production Cross Section



14

Incident Energy (MeV)

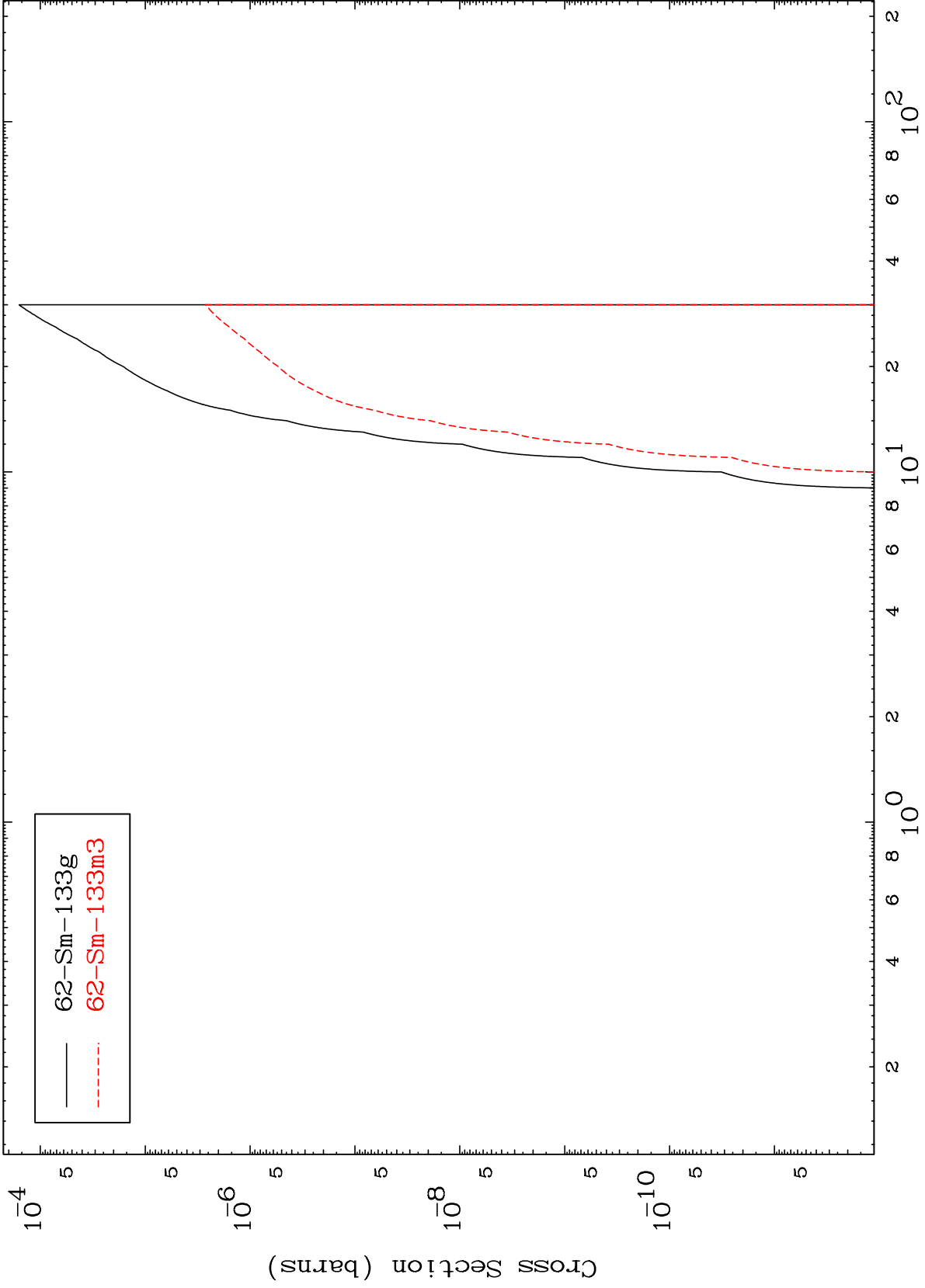
64-Gd-137

MAT 6380

(d,d)  $\alpha$

64-Gd-137

Radionuclide Production Cross Section



62-Sm-133g  
62-Sm-133m3