

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

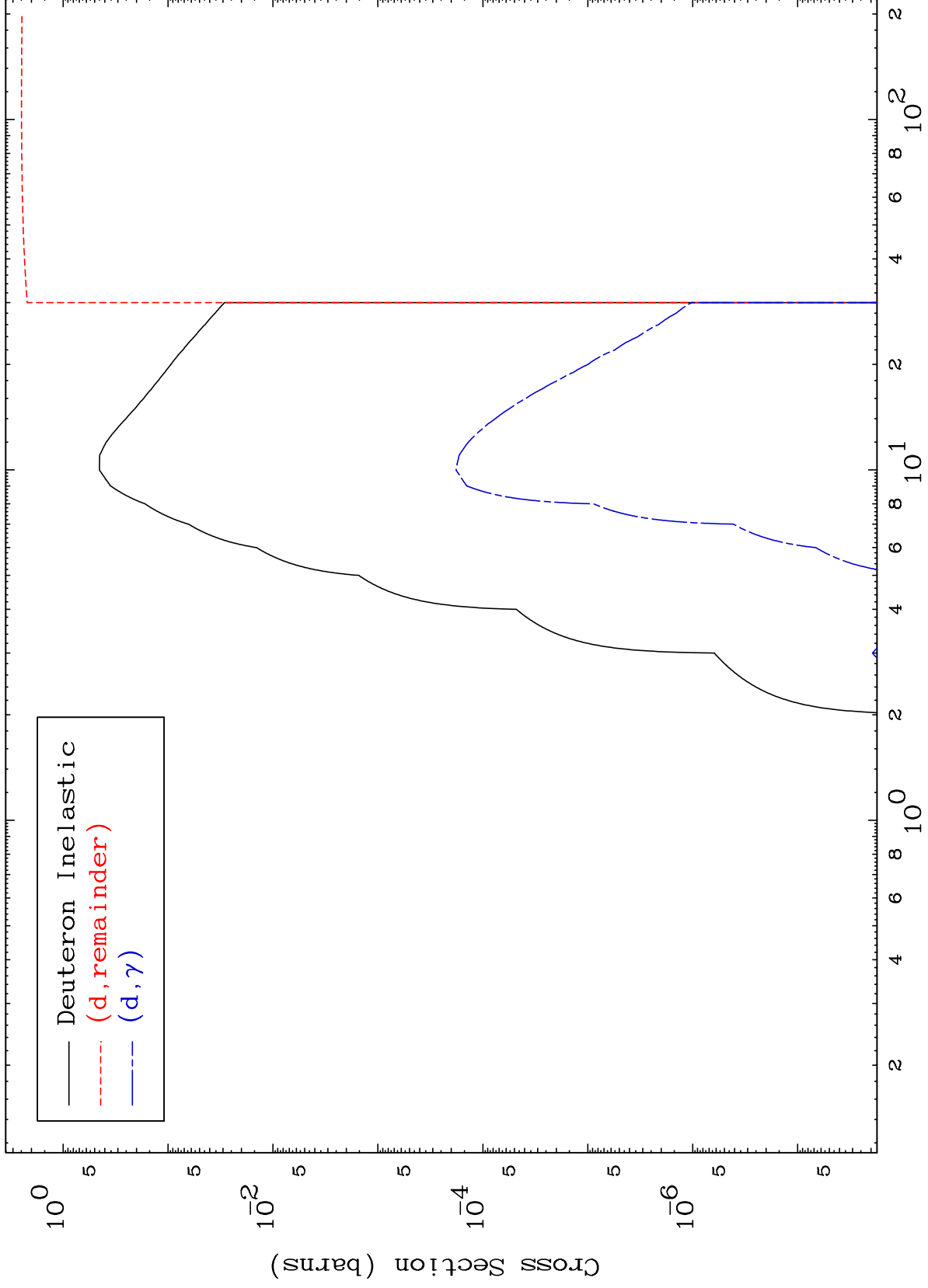
Web:redcullen1.net/HOMEPAGE.NEW

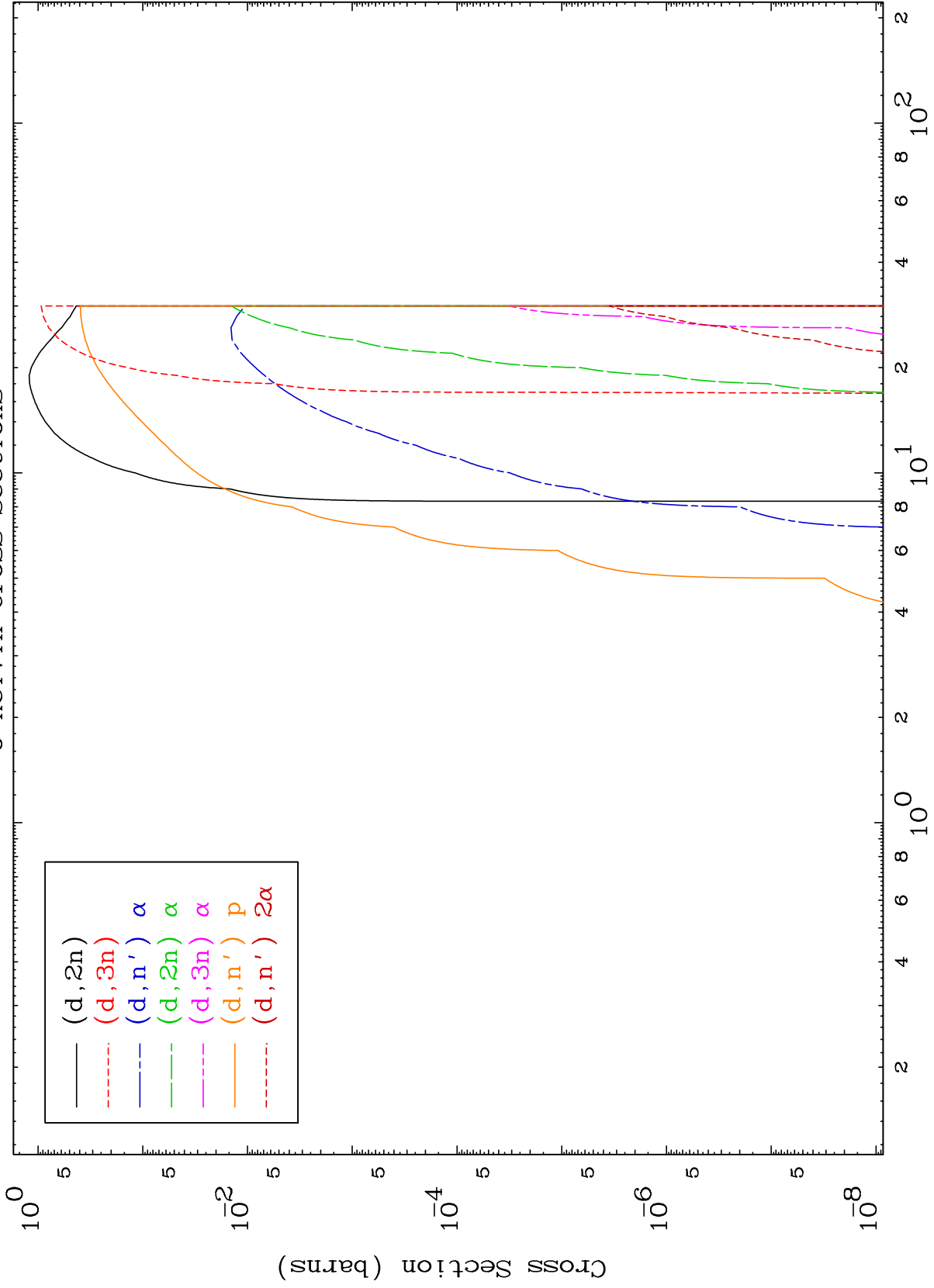
Press Mouse Button to Start

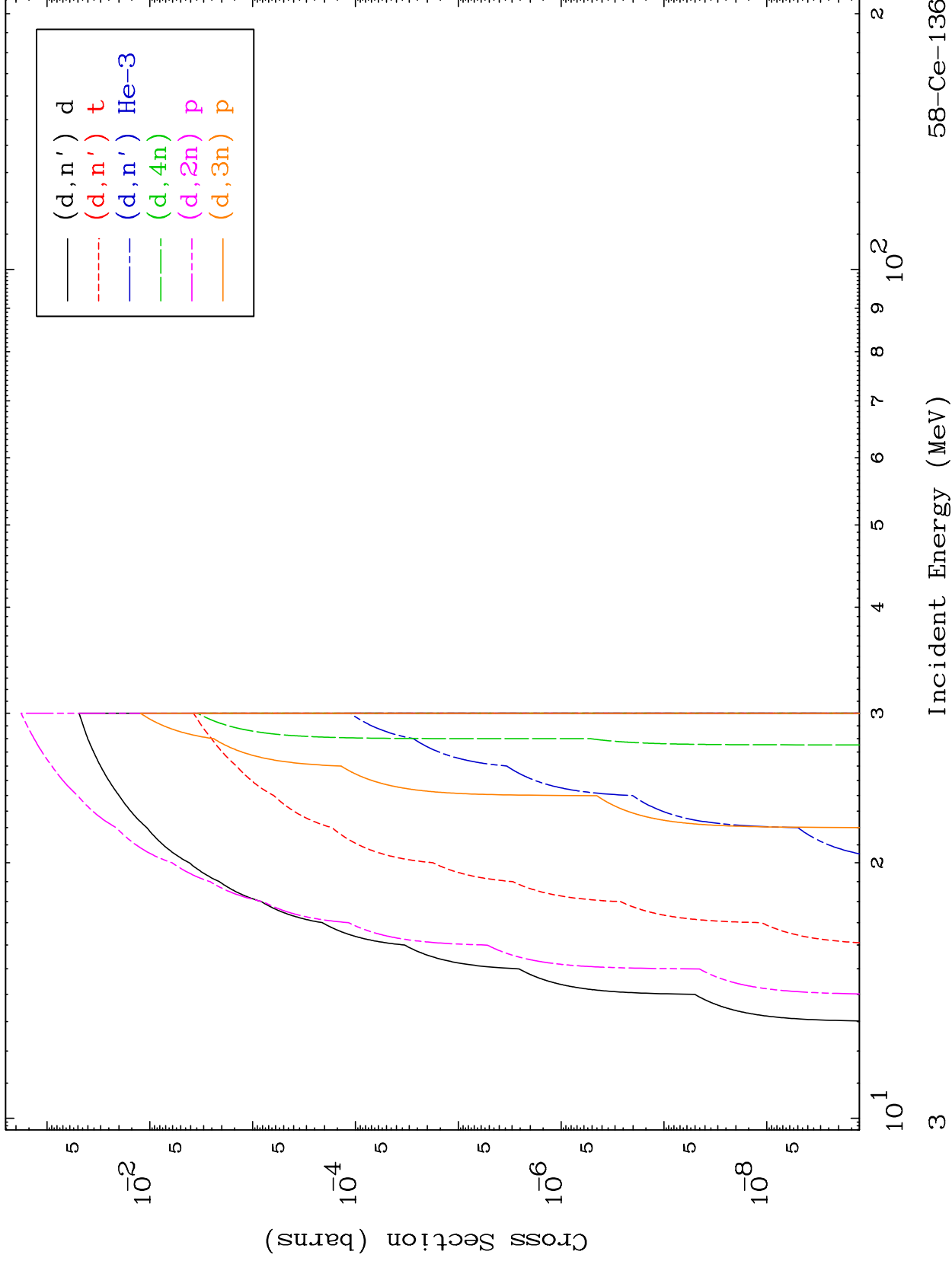
MAT 5825

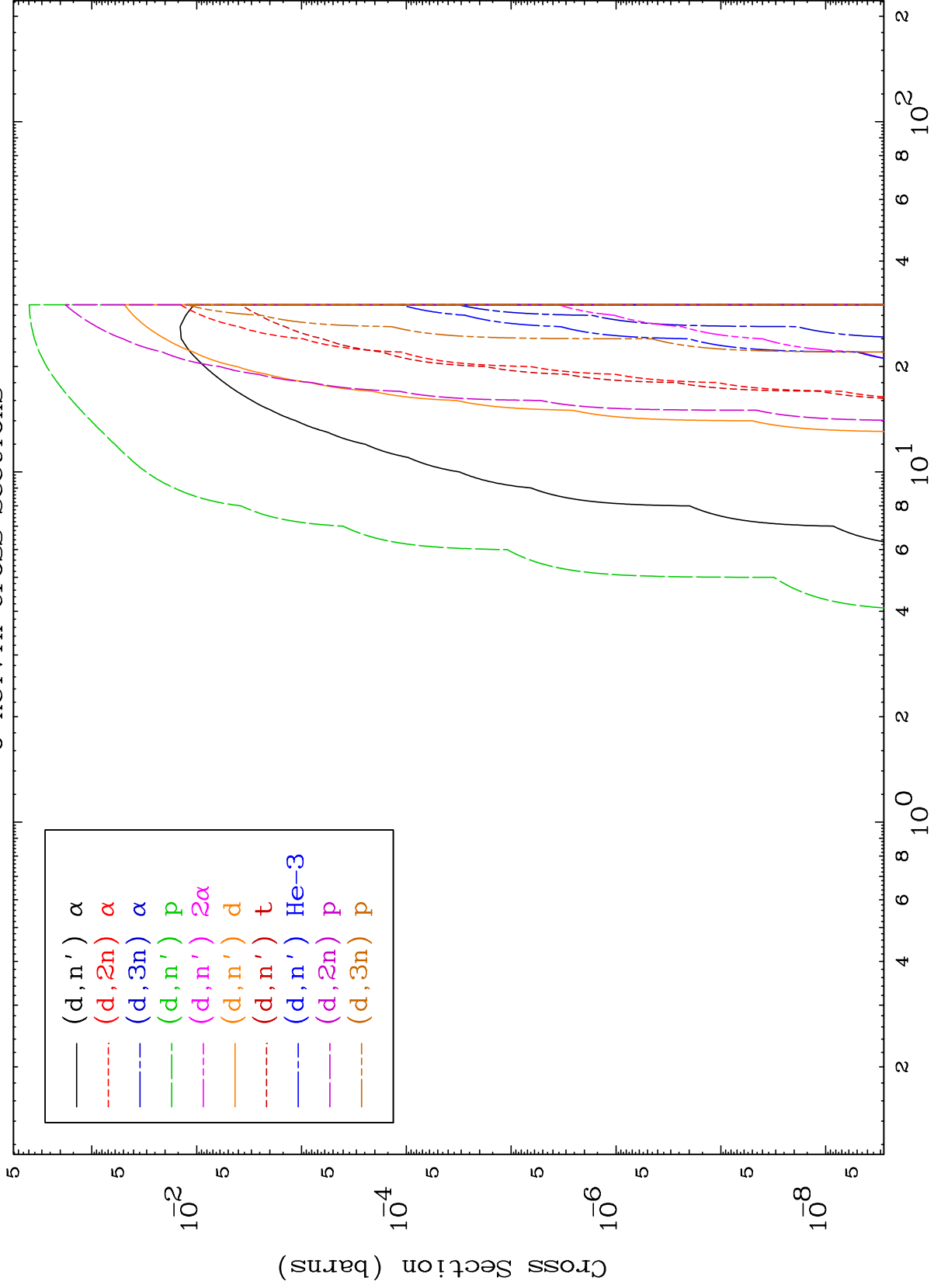
Deuteron Major
0 Kelvin Cross Sections

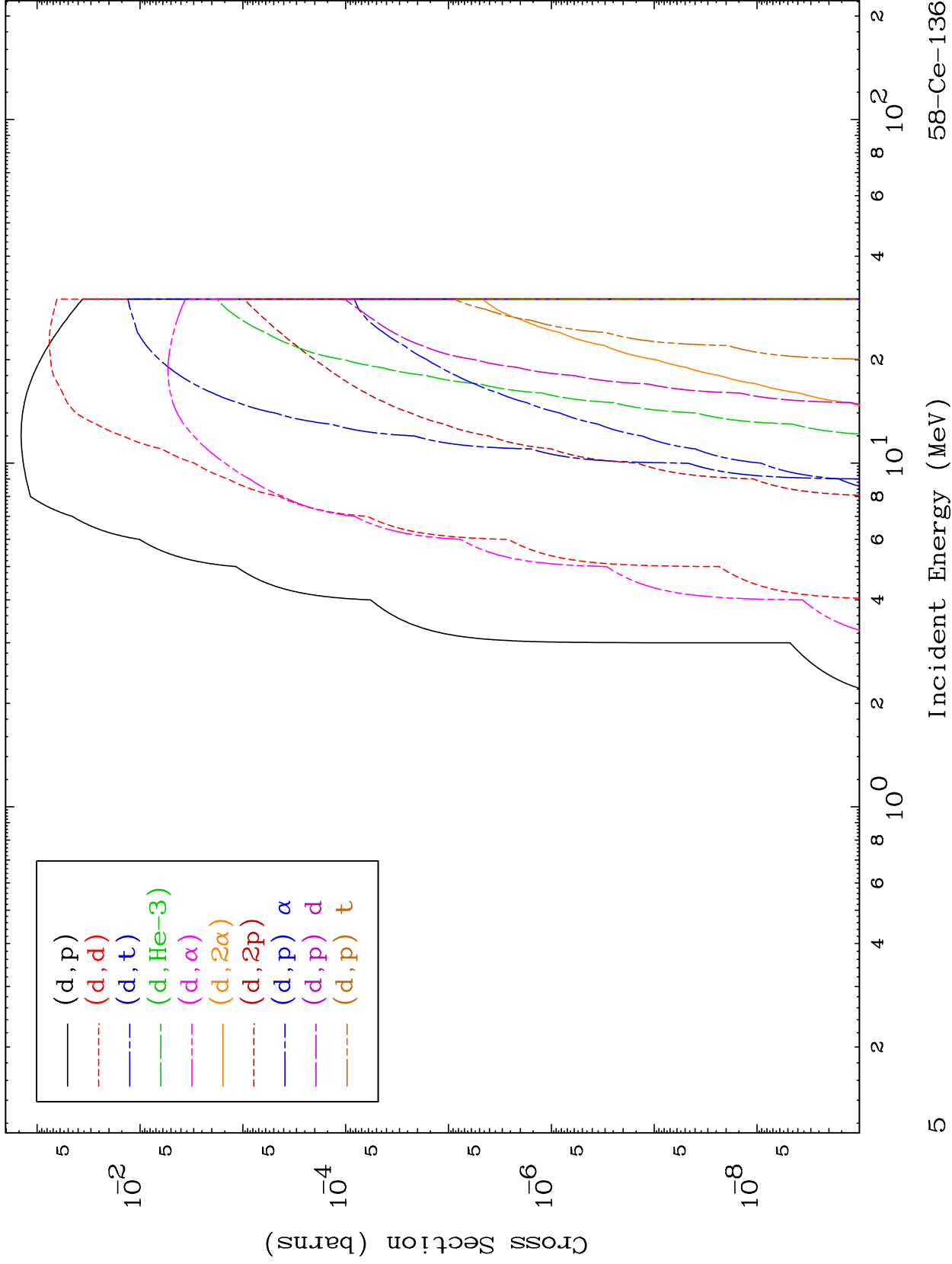
58-Ce-136









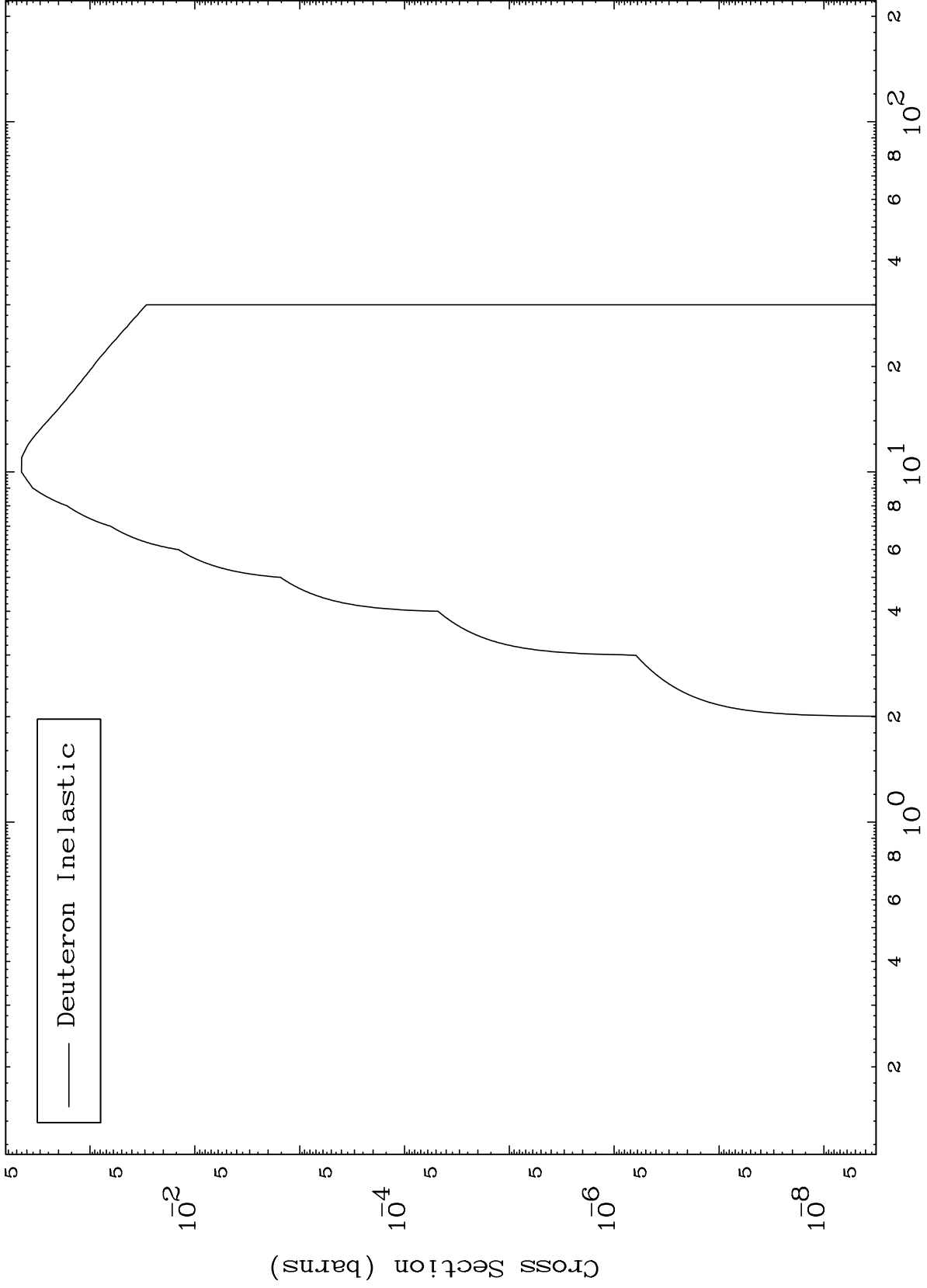


MAT 5825

(d,n') Level

58-Ce-136

0 Kelvin Cross Sections

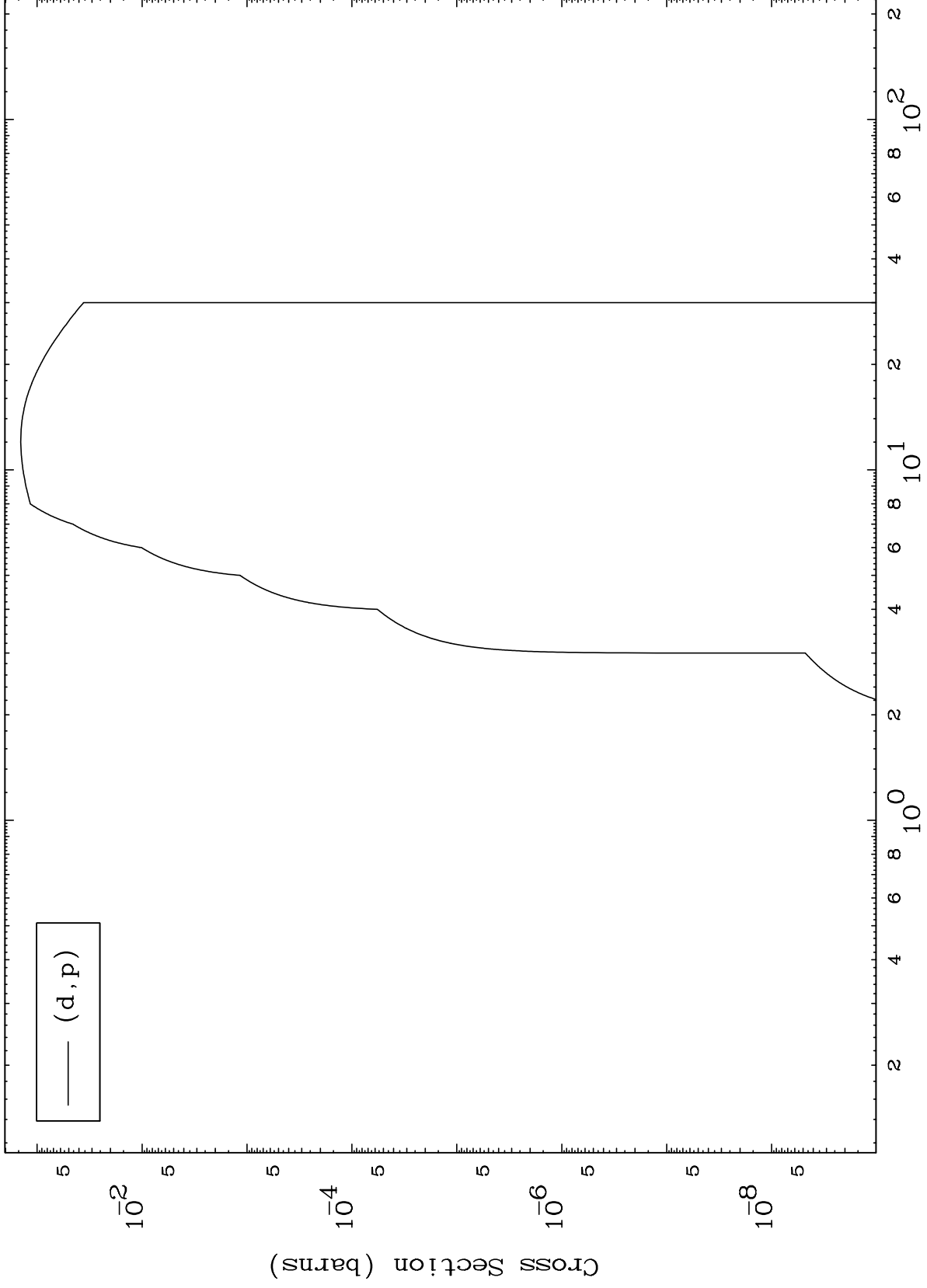


MAT 5825

(d,p) Levels

58-Ce-136

0 Kelvin Cross Sections



7

Incident Energy (MeV)

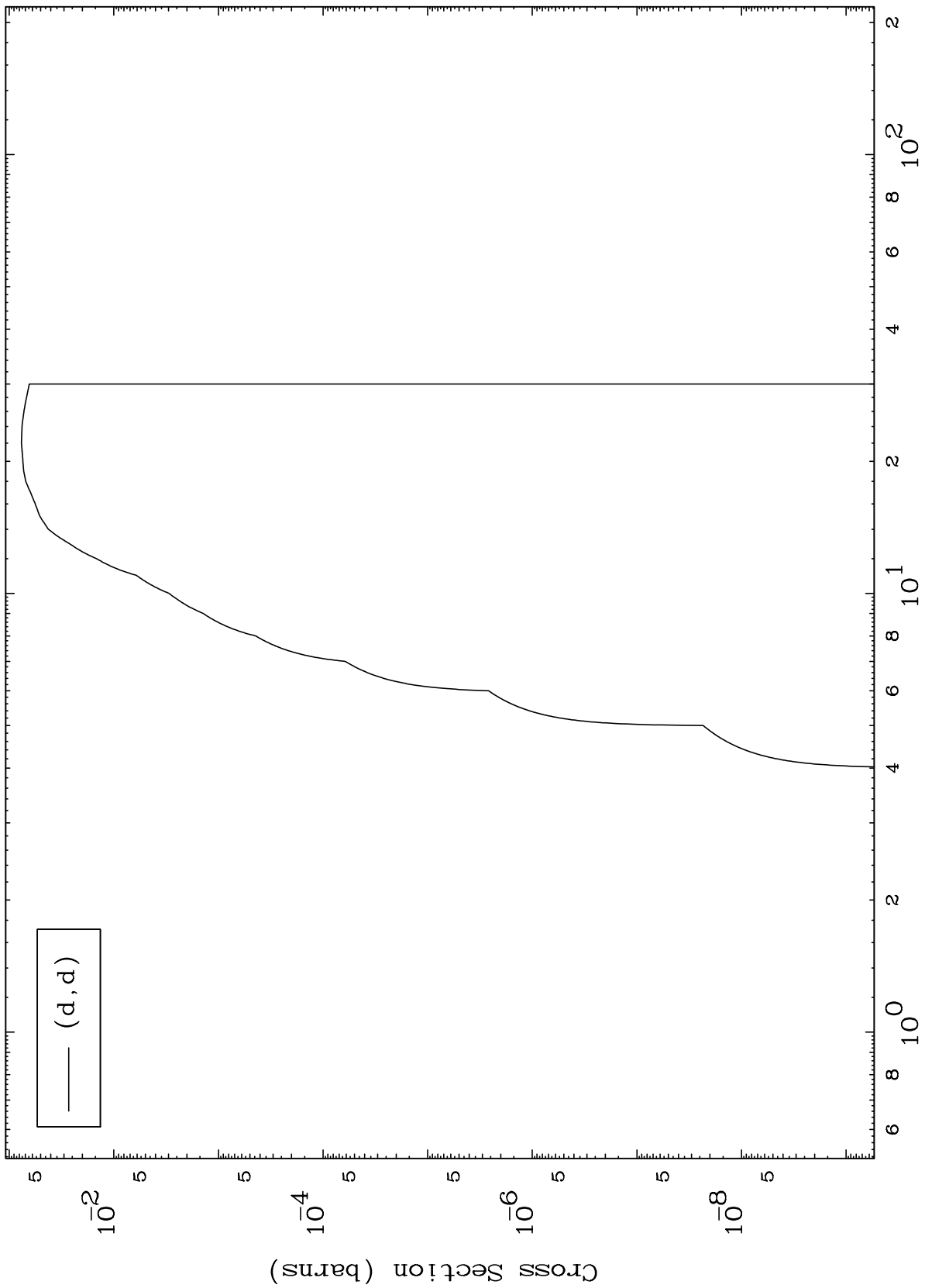
58-Ce-136

MAT 5825

(d,d) Levels

58-Ce-136

0 Kelvin Cross Sections



8

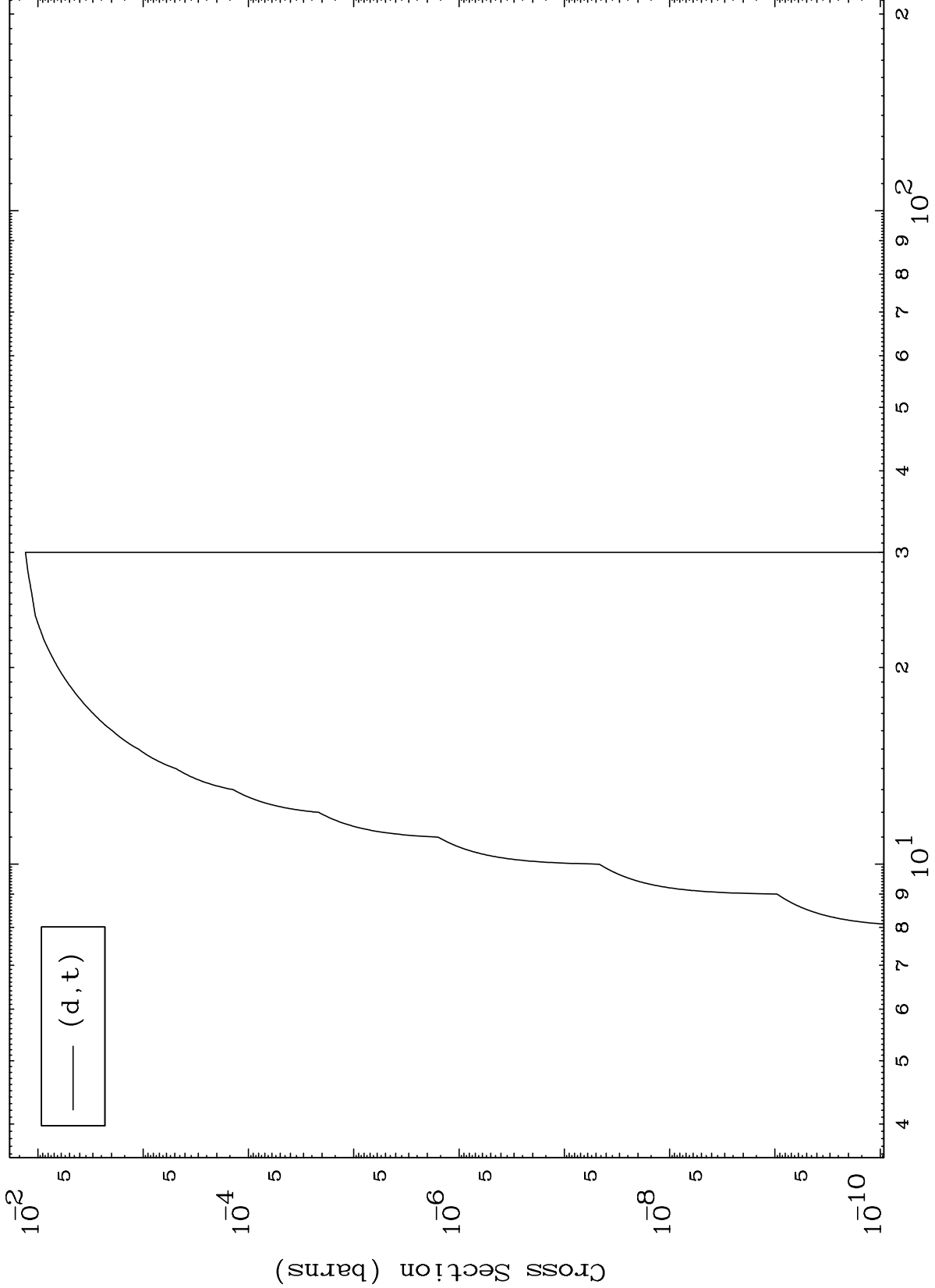
Incident Energy (MeV)

58-Ce-136

MAT 5825

(d,t) Levels
0 Kelvin Cross Sections

58-Ce-136



9

Incident Energy (MeV)

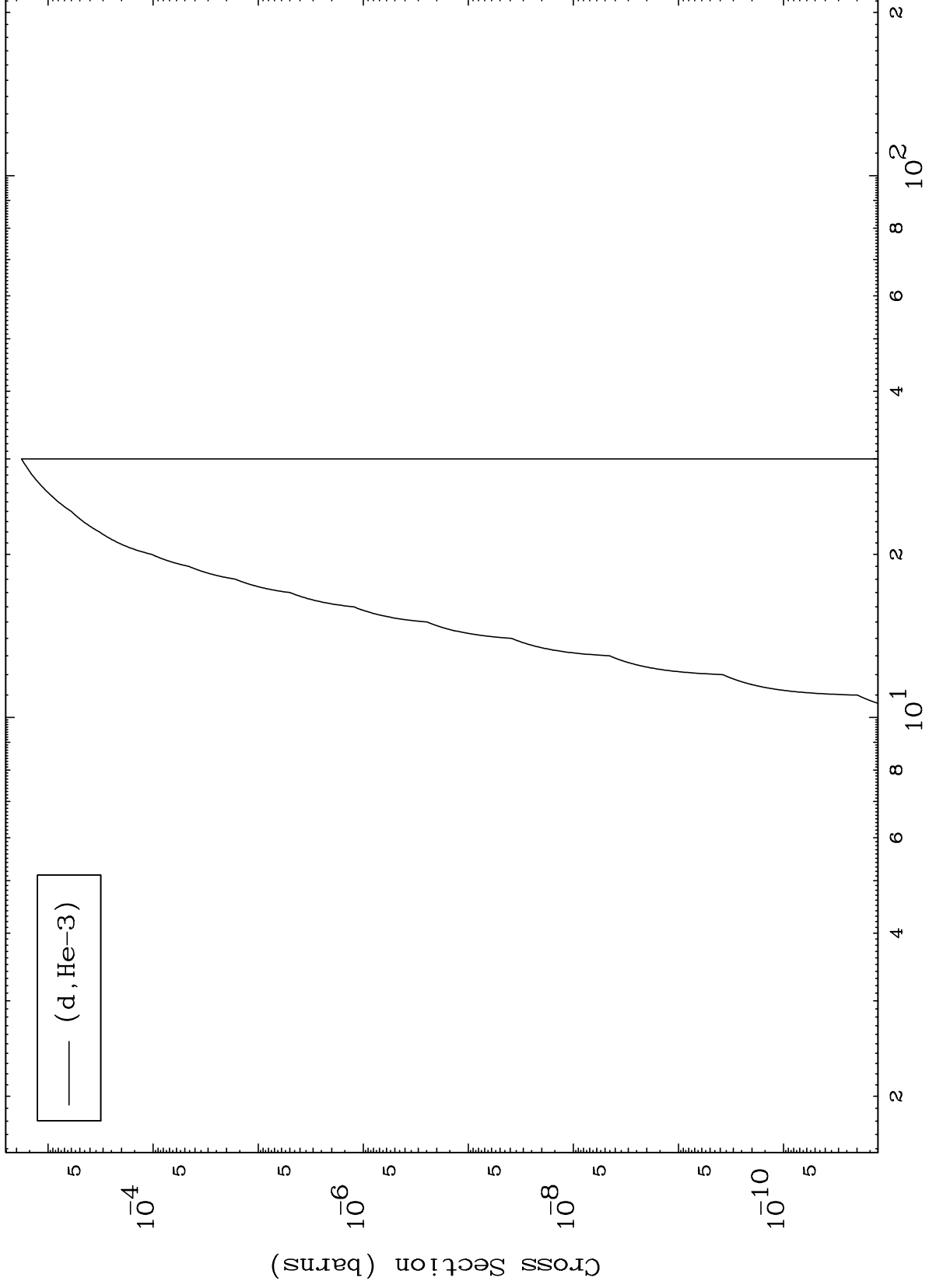
58-Ce-136

MAT 5825

(d,He3) Levels

58-Ce-136

0 Kelvin Cross Sections



10

Incident Energy (MeV)

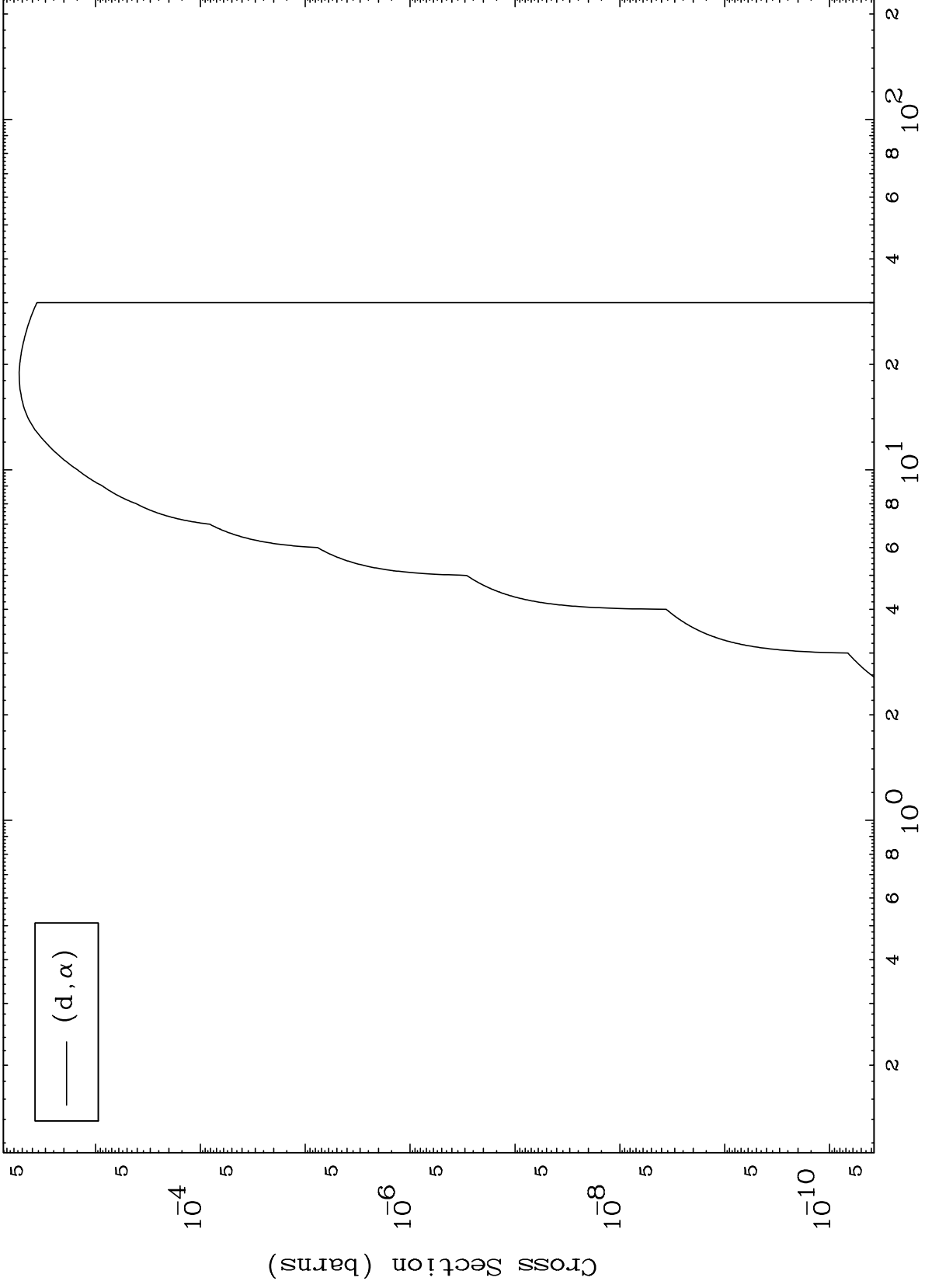
58-Ce-136

MAT 5825

(d, α) Levels

58-Ce-136

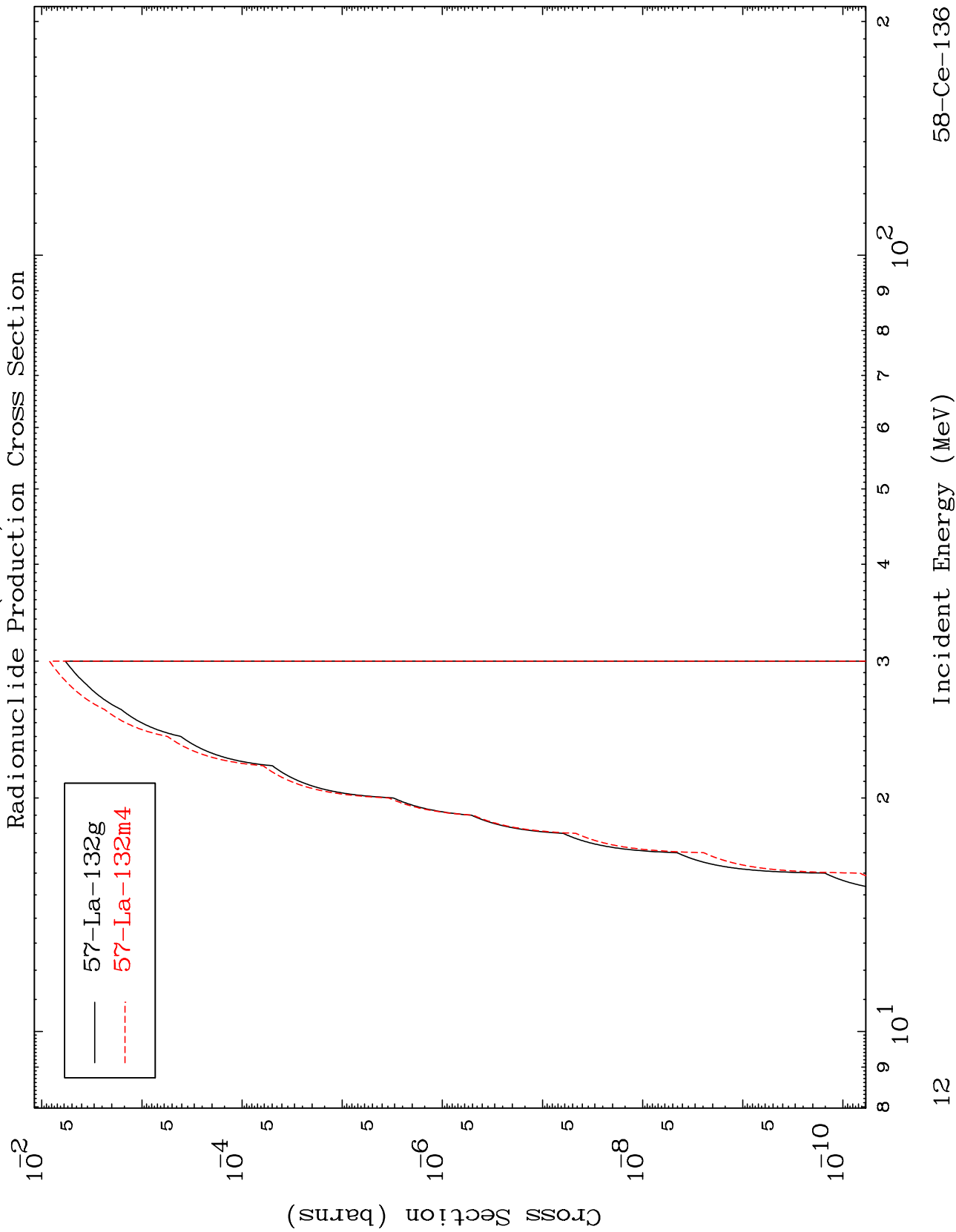
0 Kelvin Cross Sections



MAT 5825

(d,2n) α

58-Ce-136



12

Incident Energy (MeV)

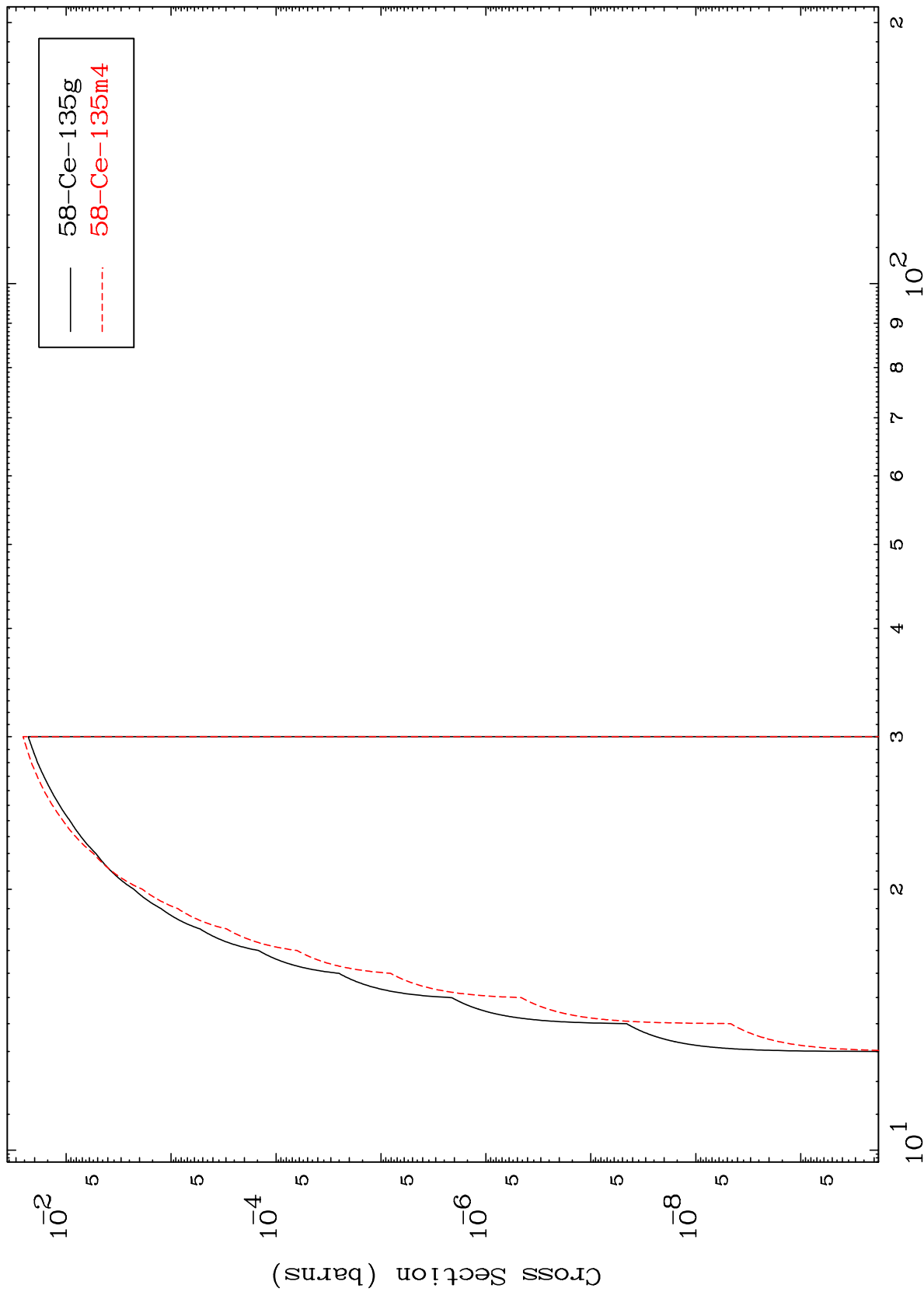
58-Ce-136

MAT 5825

(d,n') d

58-Ce-136

Radionuclide Production Cross Section



Incident Energy (MeV)

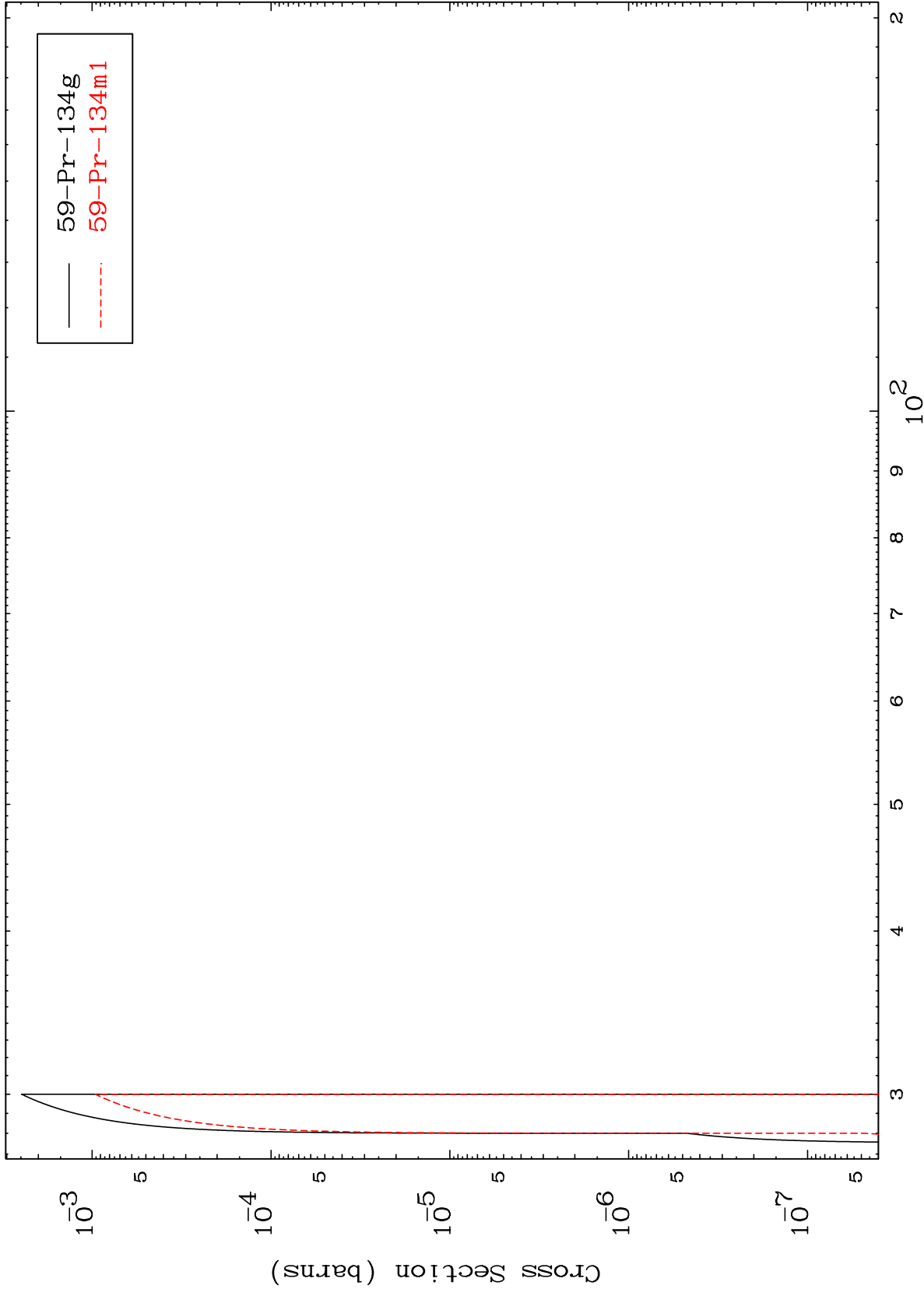
58-Ce-136

MAT 5825

(d,4n)

58-Ce-136

Radionuclide Production Cross Section



59-Pr-134g
59-Pr-134m1

14

Incident Energy (MeV)

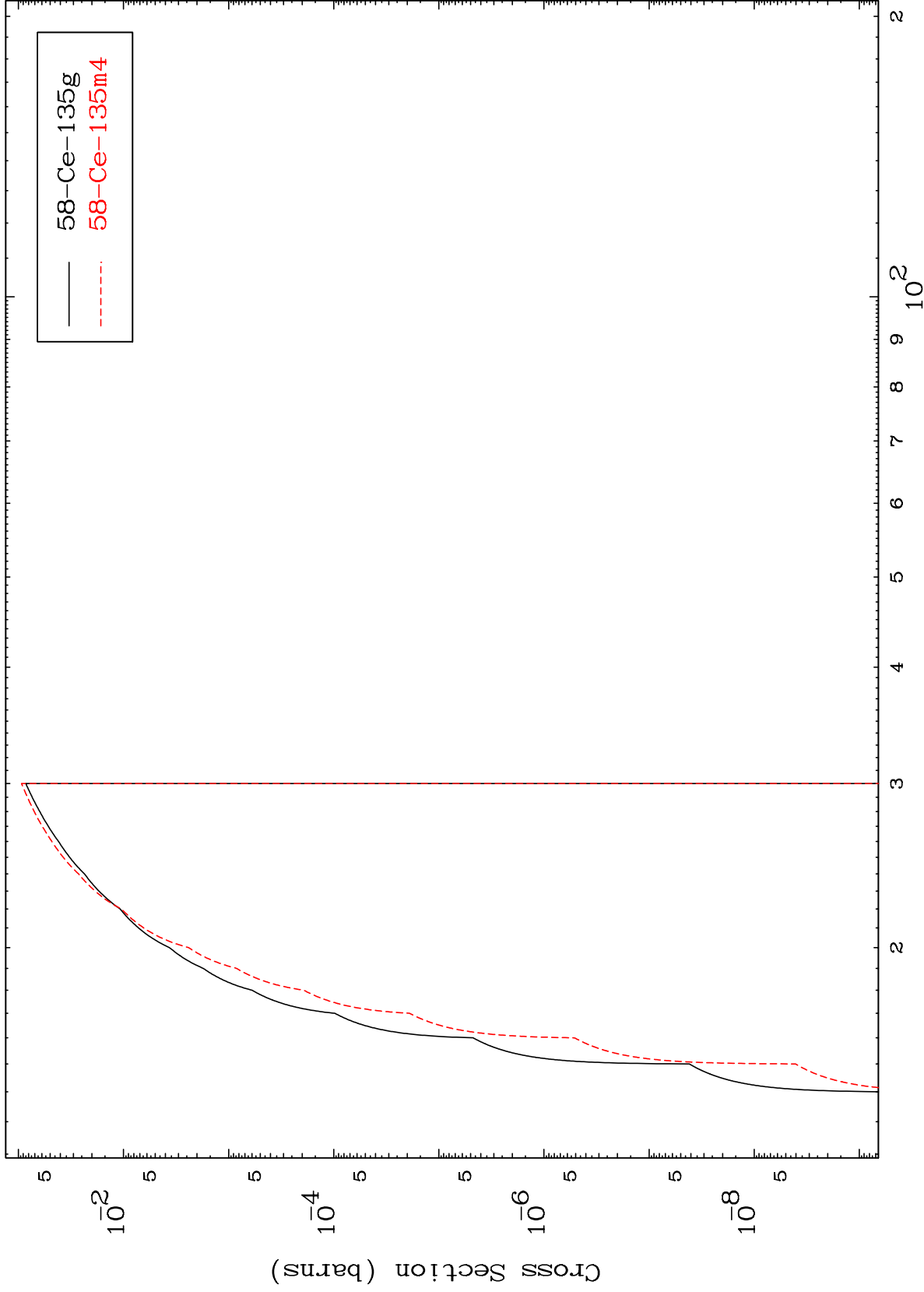
58-Ce-136

MAT 5825

(d,2n) p

58-Ce-136

Radionuclide Production Cross Section



15

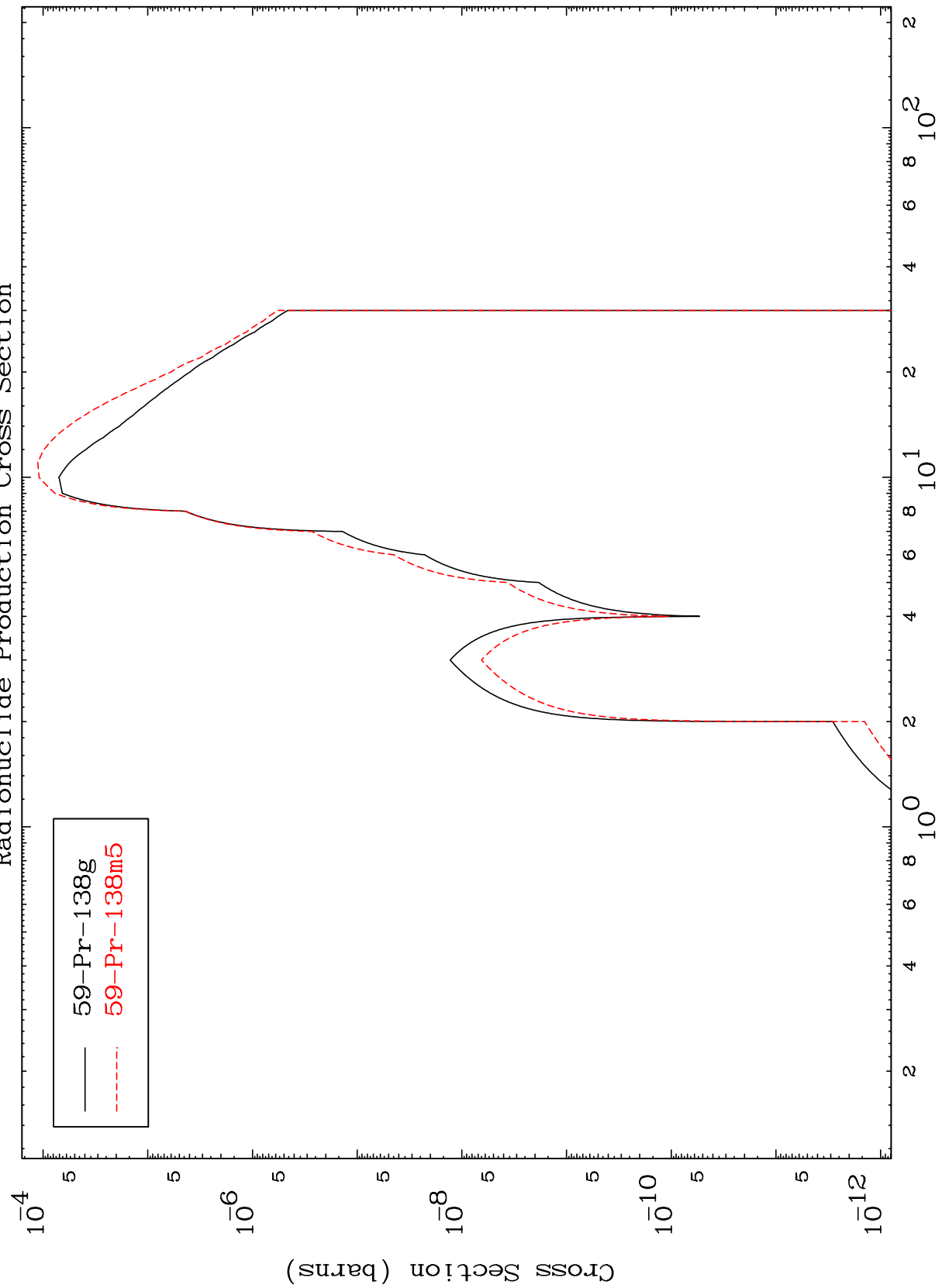
Incident Energy (MeV)

58-Ce-136

MAT 5825

58-Ce-136

(d, γ)
Radionuclide Production Cross Section



— 59-Pr-138g
- - - 59-Pr-138m5

58-Ce-136

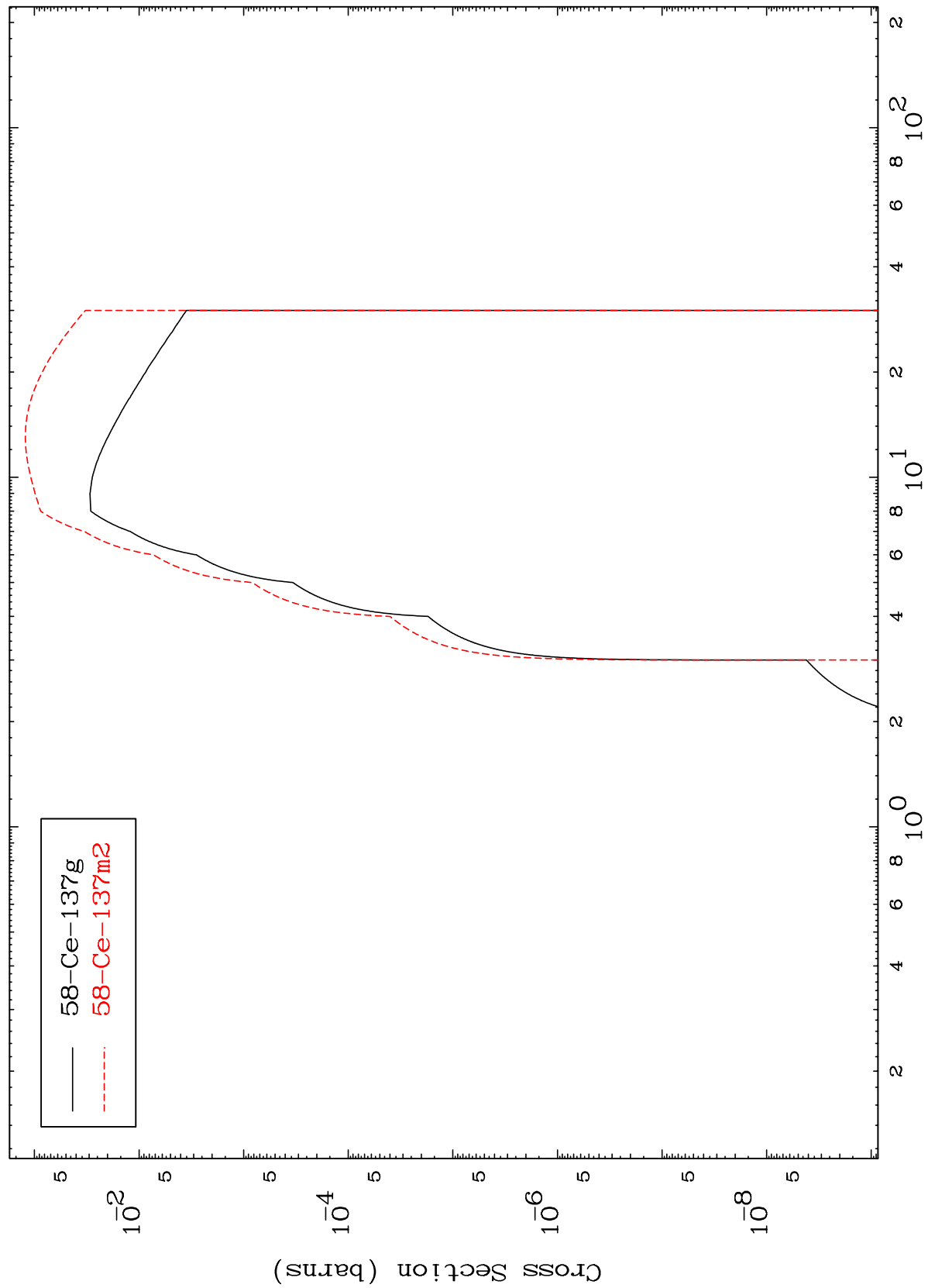
Incident Energy (MeV)

16

MAT 5825

58-Ce-136

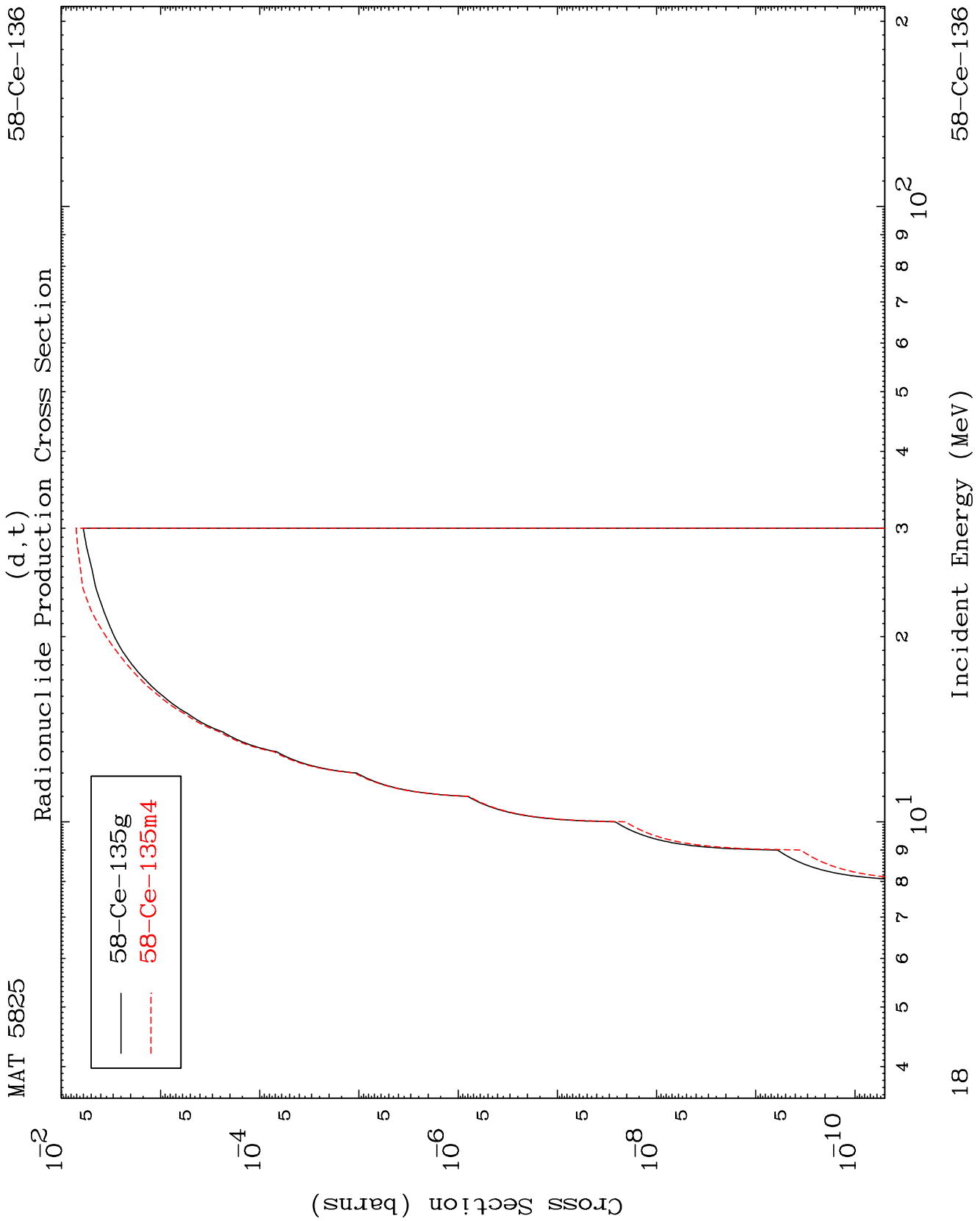
(d,p)
Radionuclide Production Cross Section



17

58-Ce-136

Incident Energy (MeV)

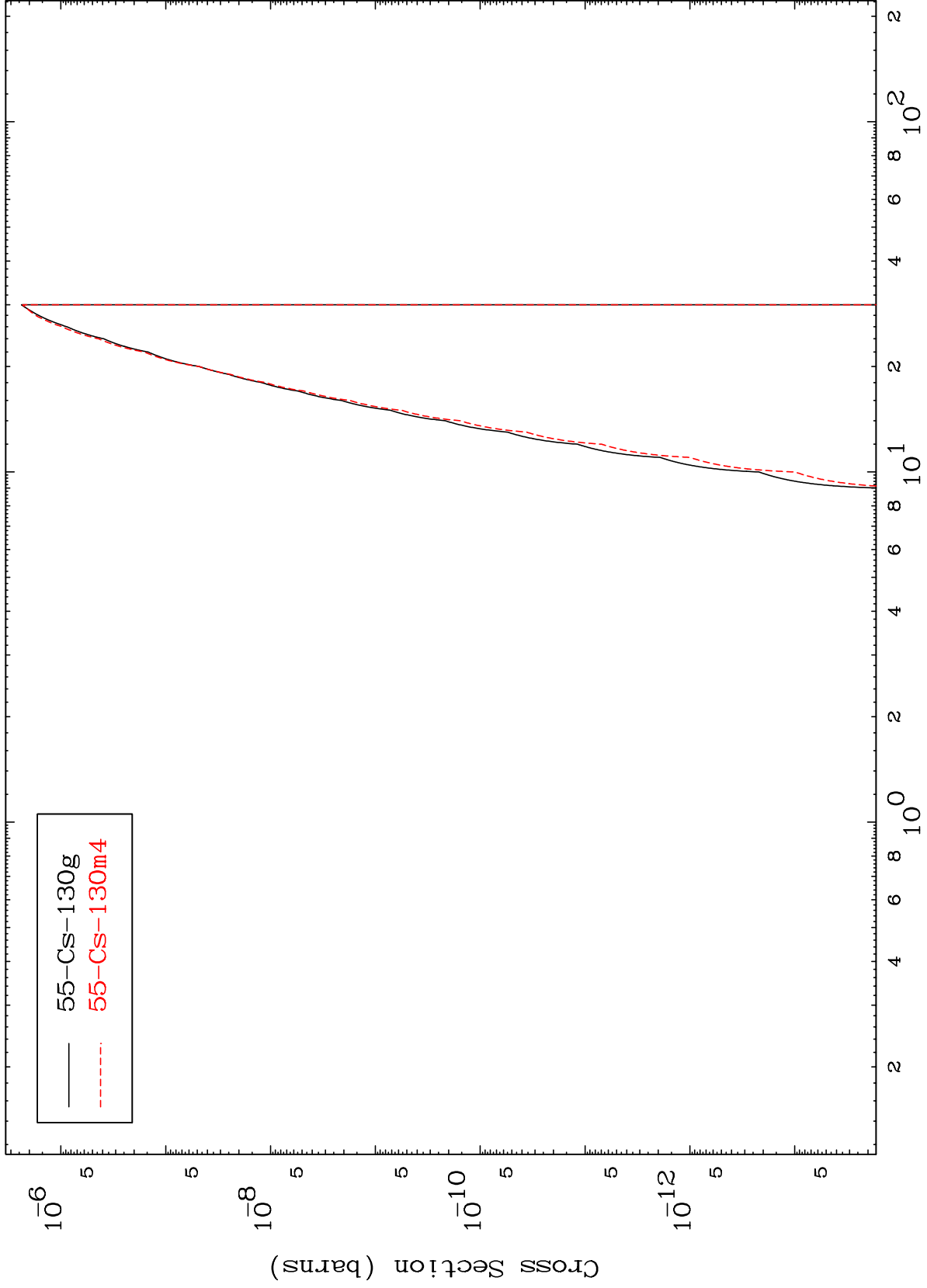


MAT 5825

(d,2α)

58-Ce-136

Radionuclide Production Cross Section



19

Incident Energy (MeV)

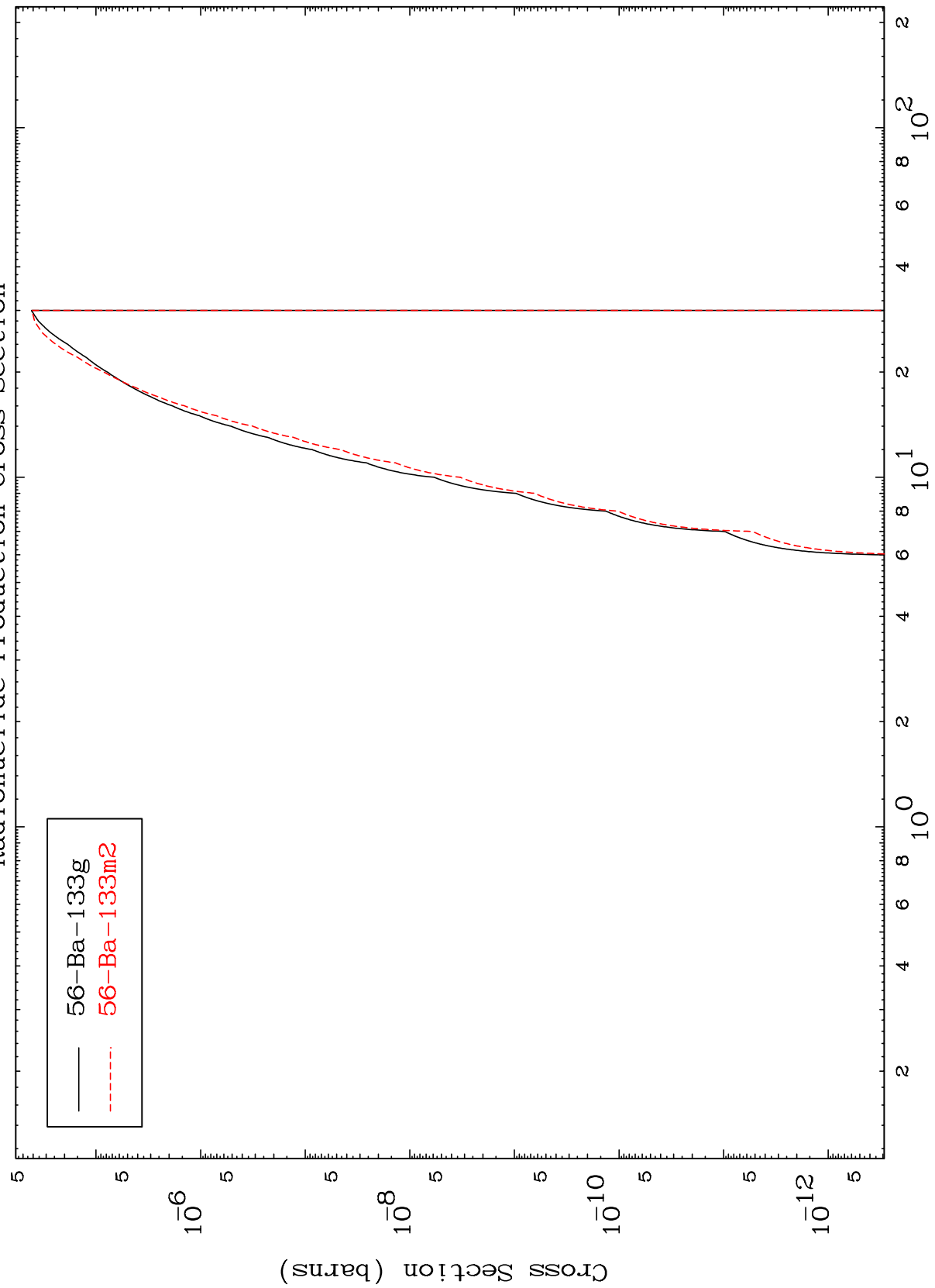
58-Ce-136

MAT 5825

(d,p) α

58-Ce-136

Radionuclide Production Cross Section



56-Ba-133g
56-Ba-133m2