

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

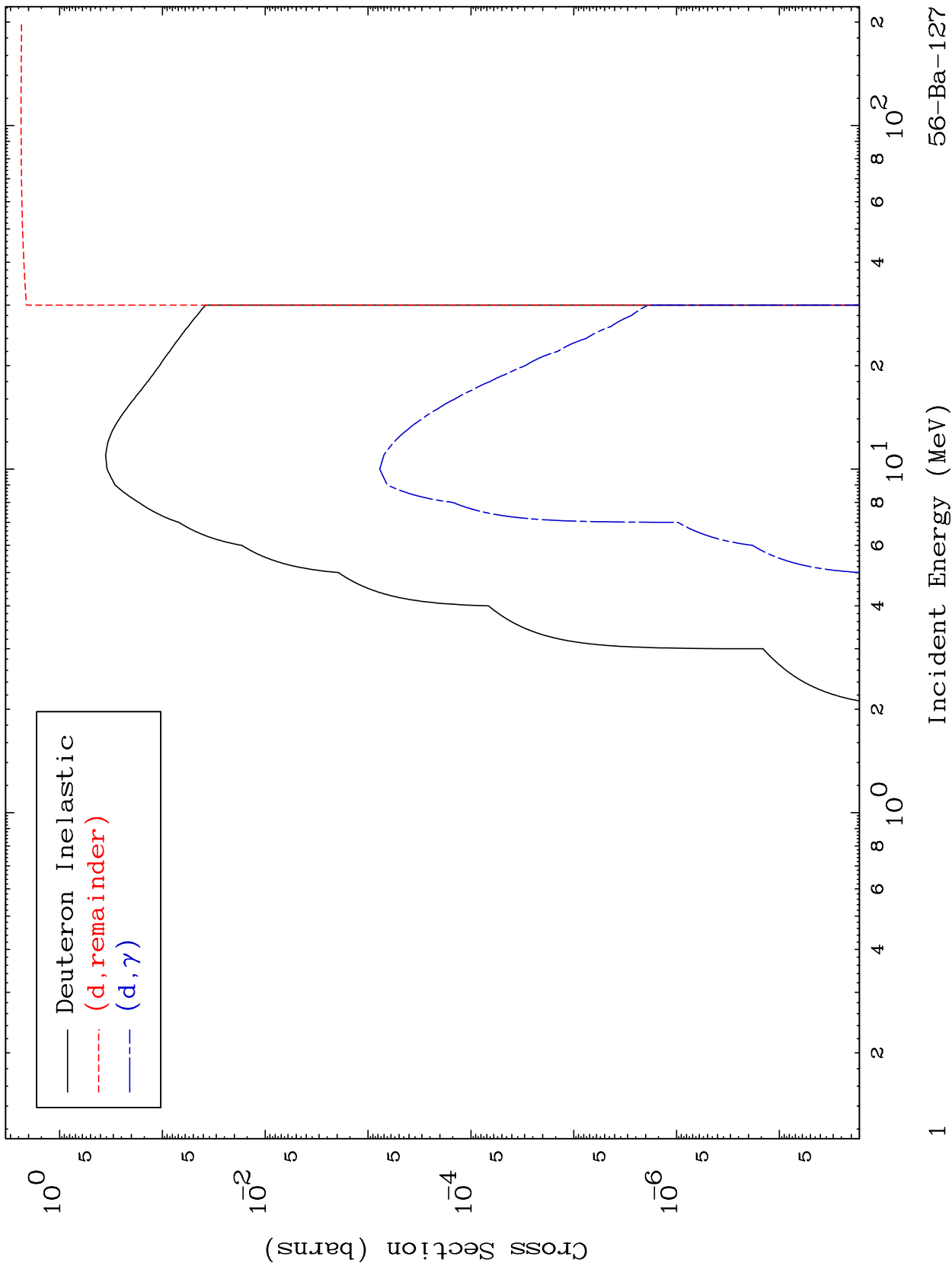
Web:redcullen1.net/HOMEPAGE.NEW

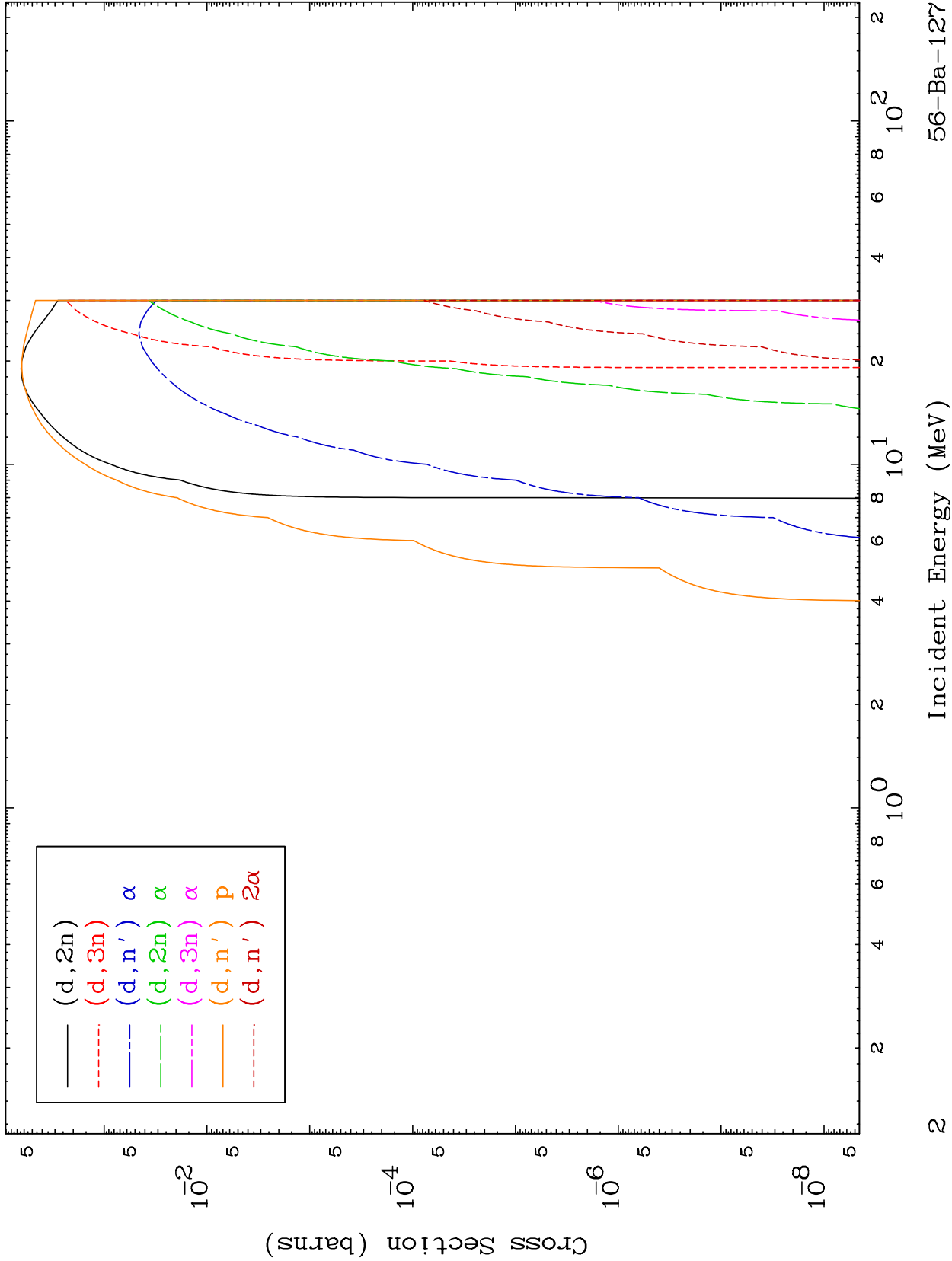
Press Mouse Button to Start

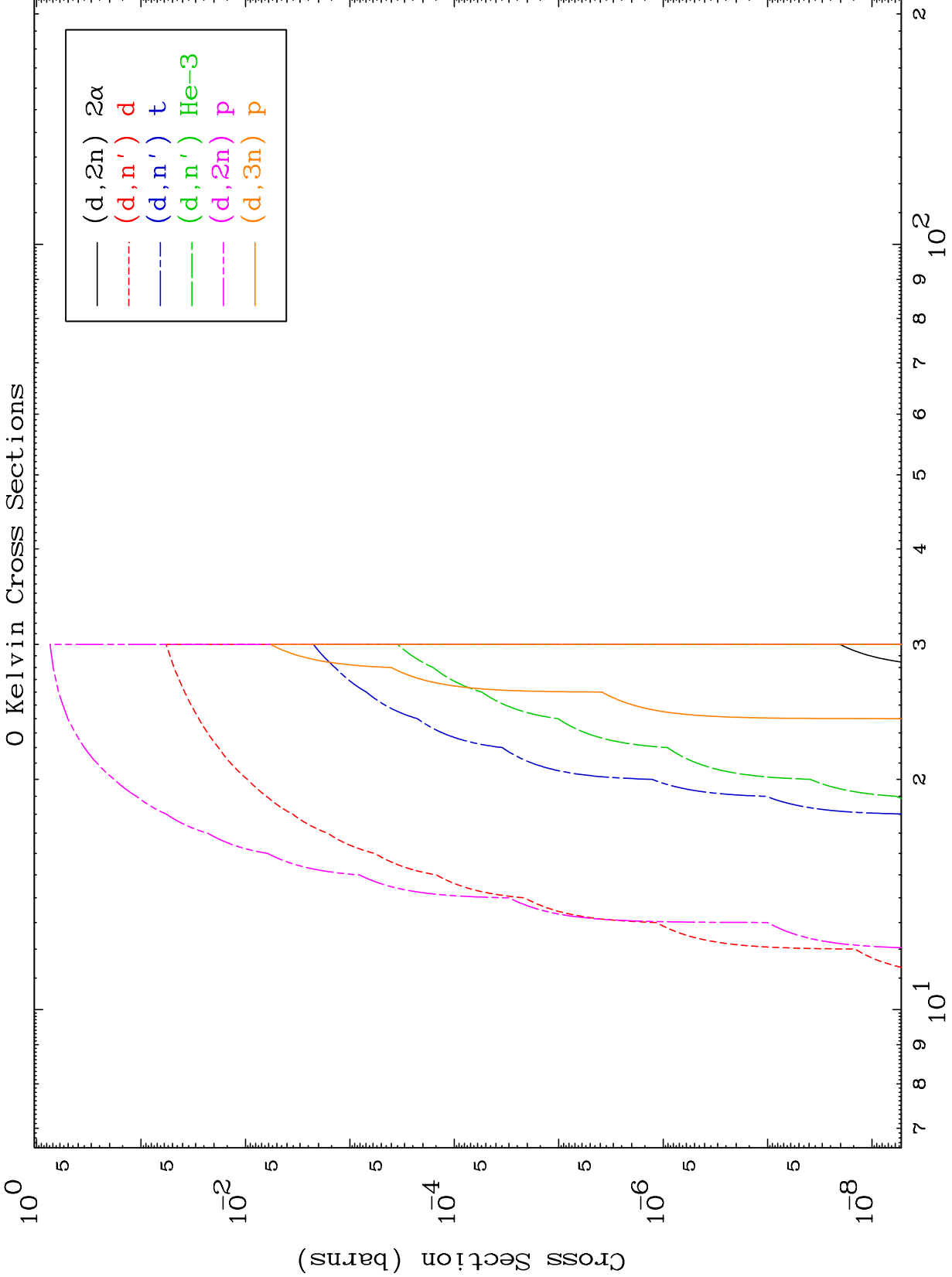
MAT 5617

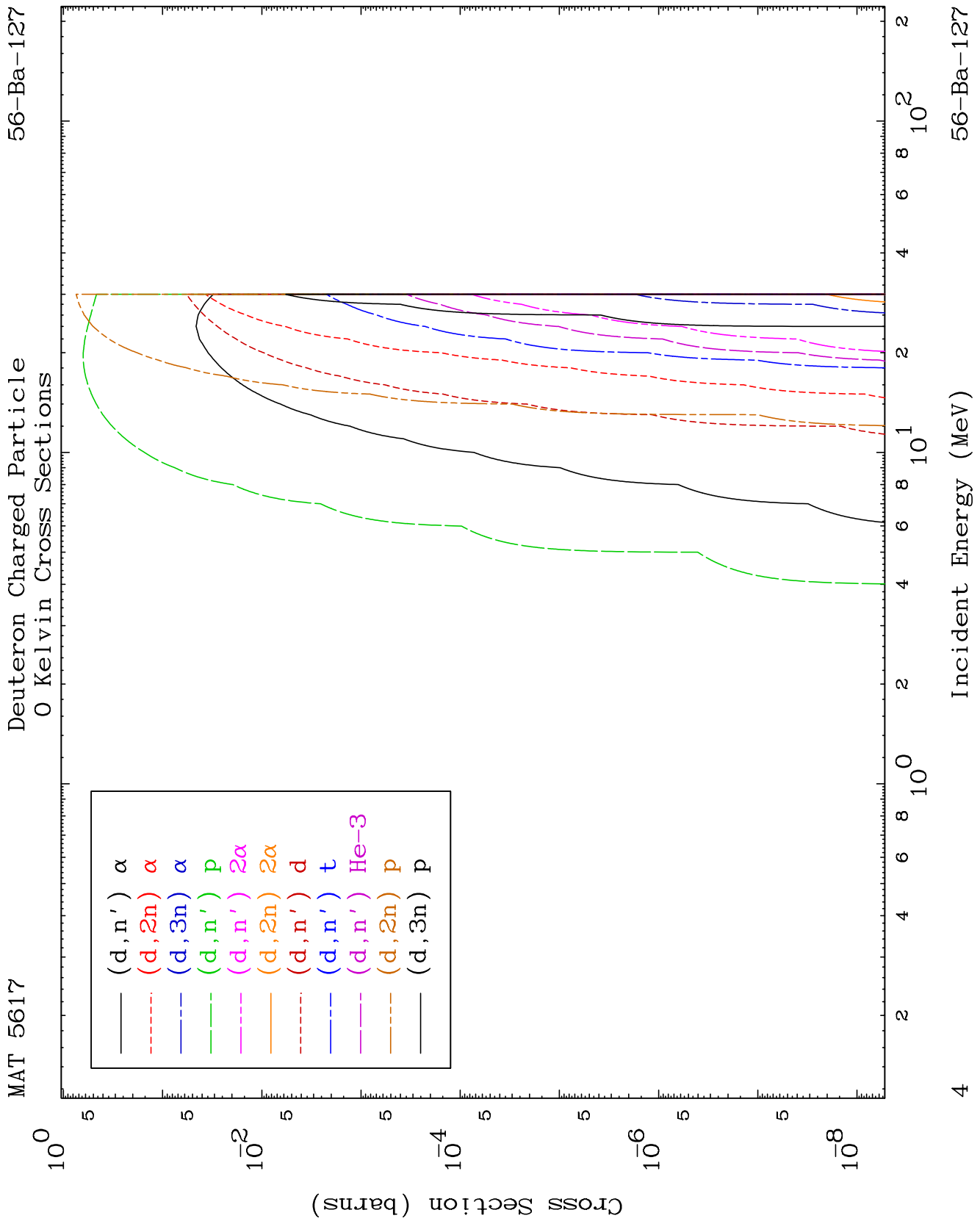
Deuteron Major
0 Kelvin Cross Sections

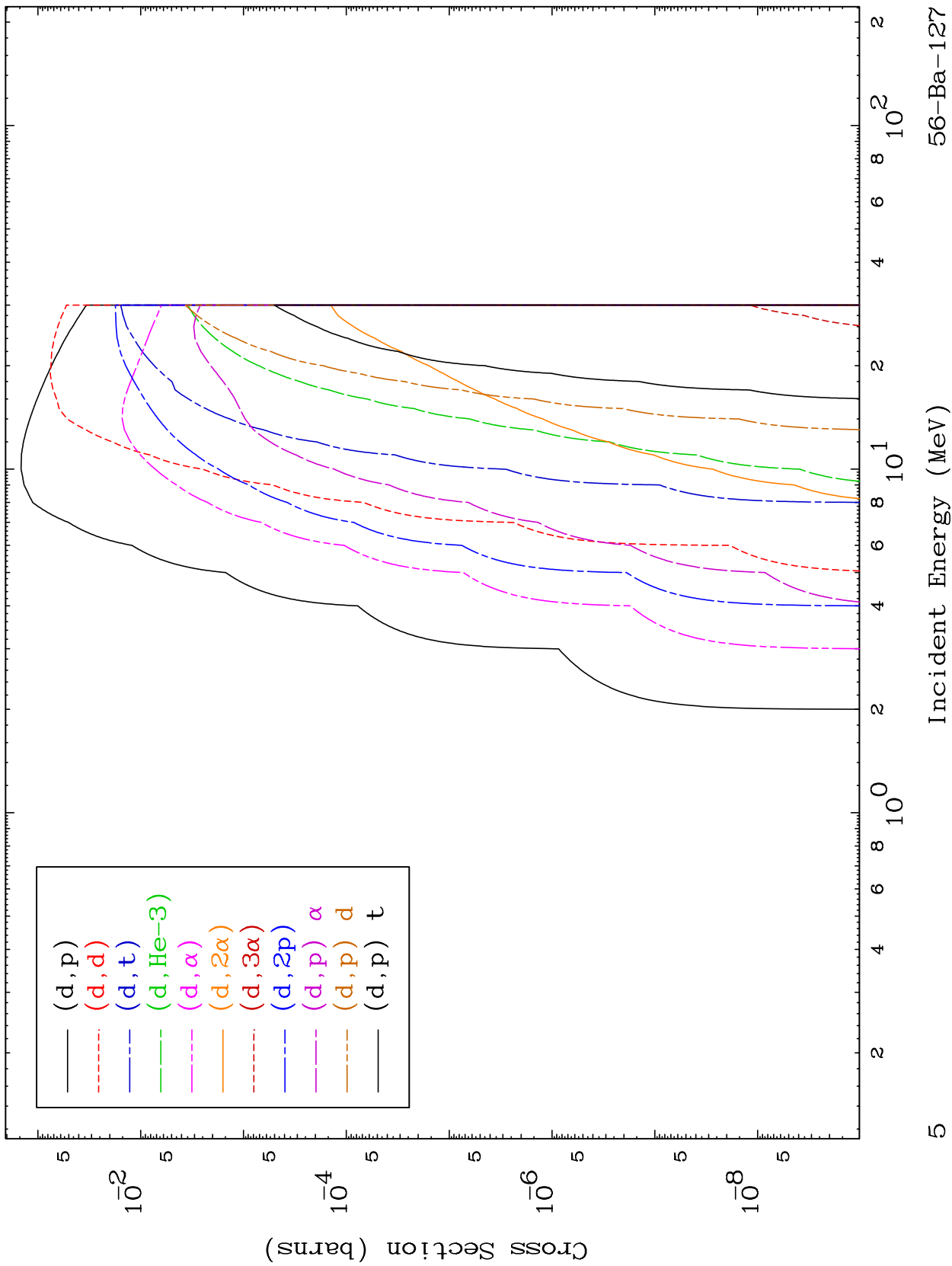
56-Ba-127









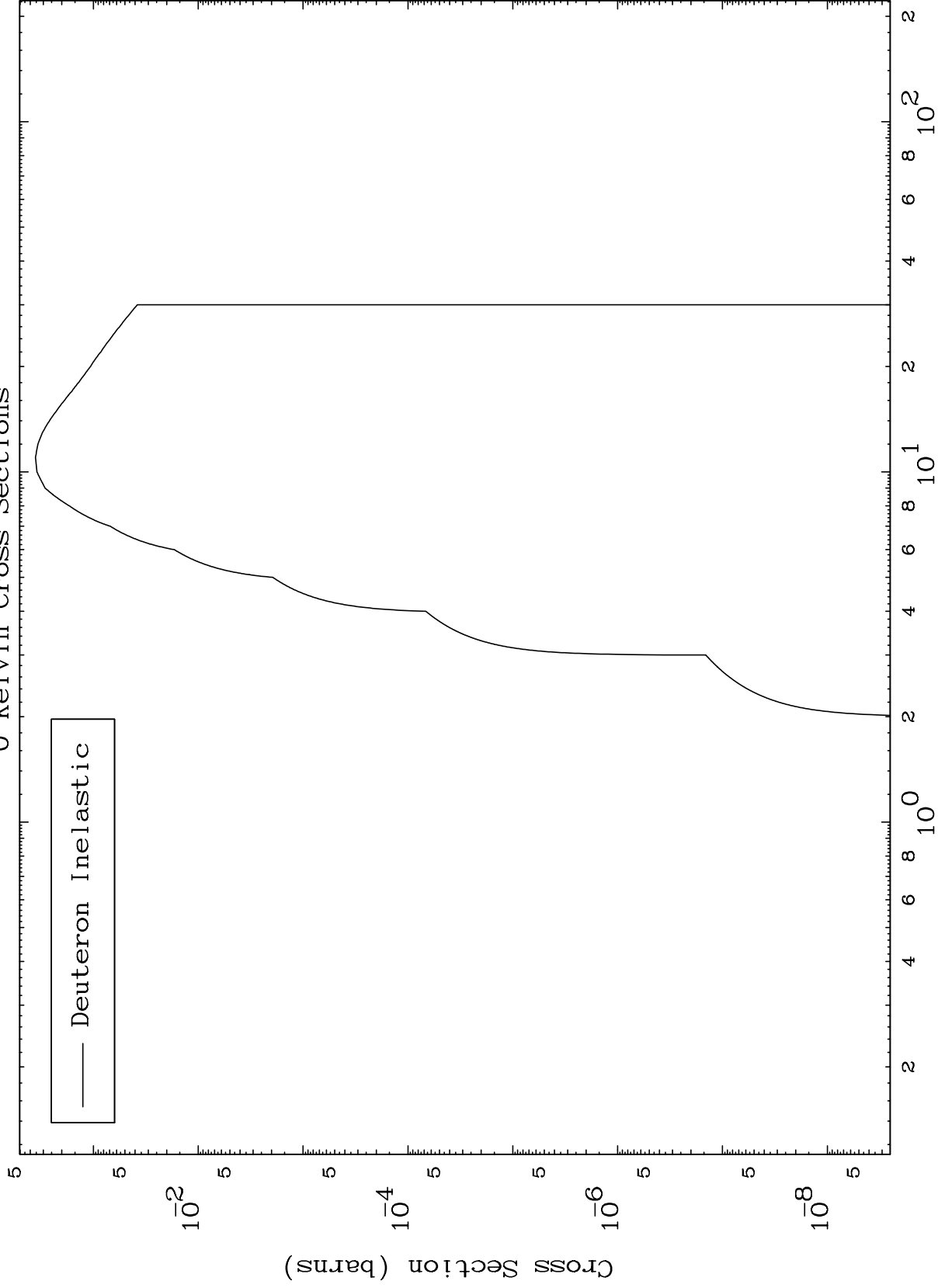


MAT 5617

(d,n') Level

56-Ba-127

0 Kelvin Cross Sections



6

Incident Energy (MeV)

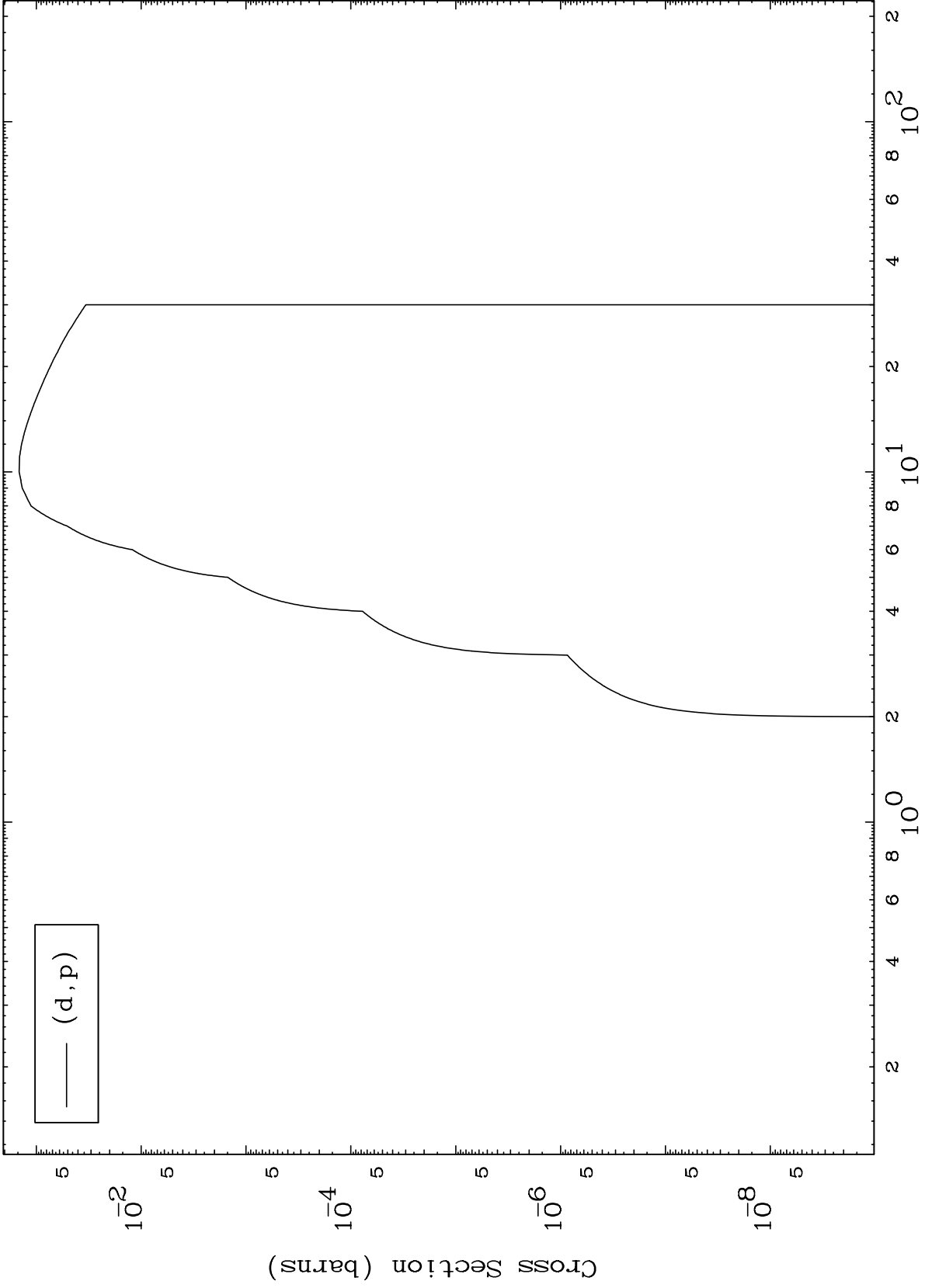
56-Ba-127

MAT 5617

(d,p) Levels

56-Ba-127

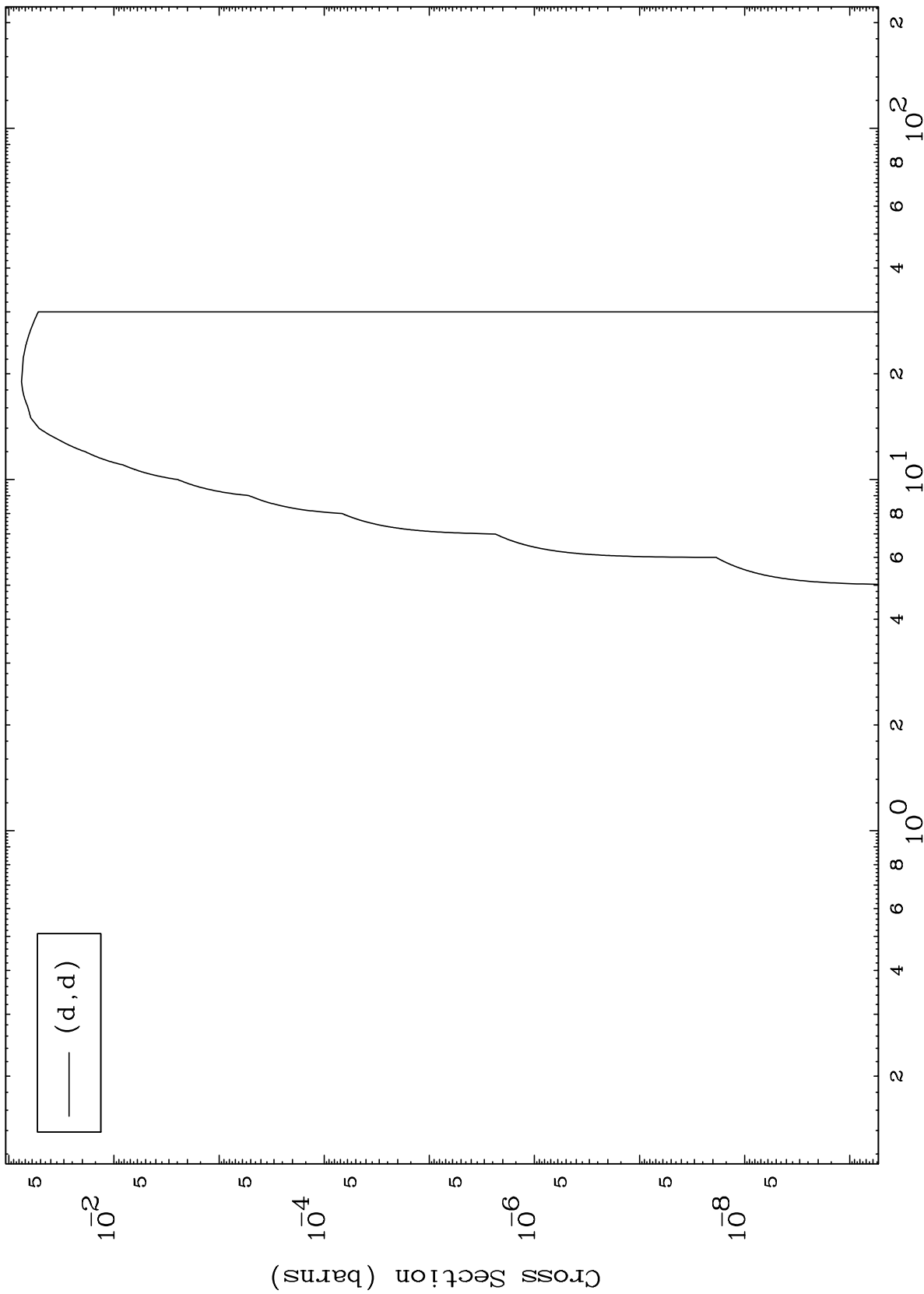
0 Kelvin Cross Sections



MAT 5617

56-Ba-127

(d,d) Levels
0 Kelvin Cross Sections



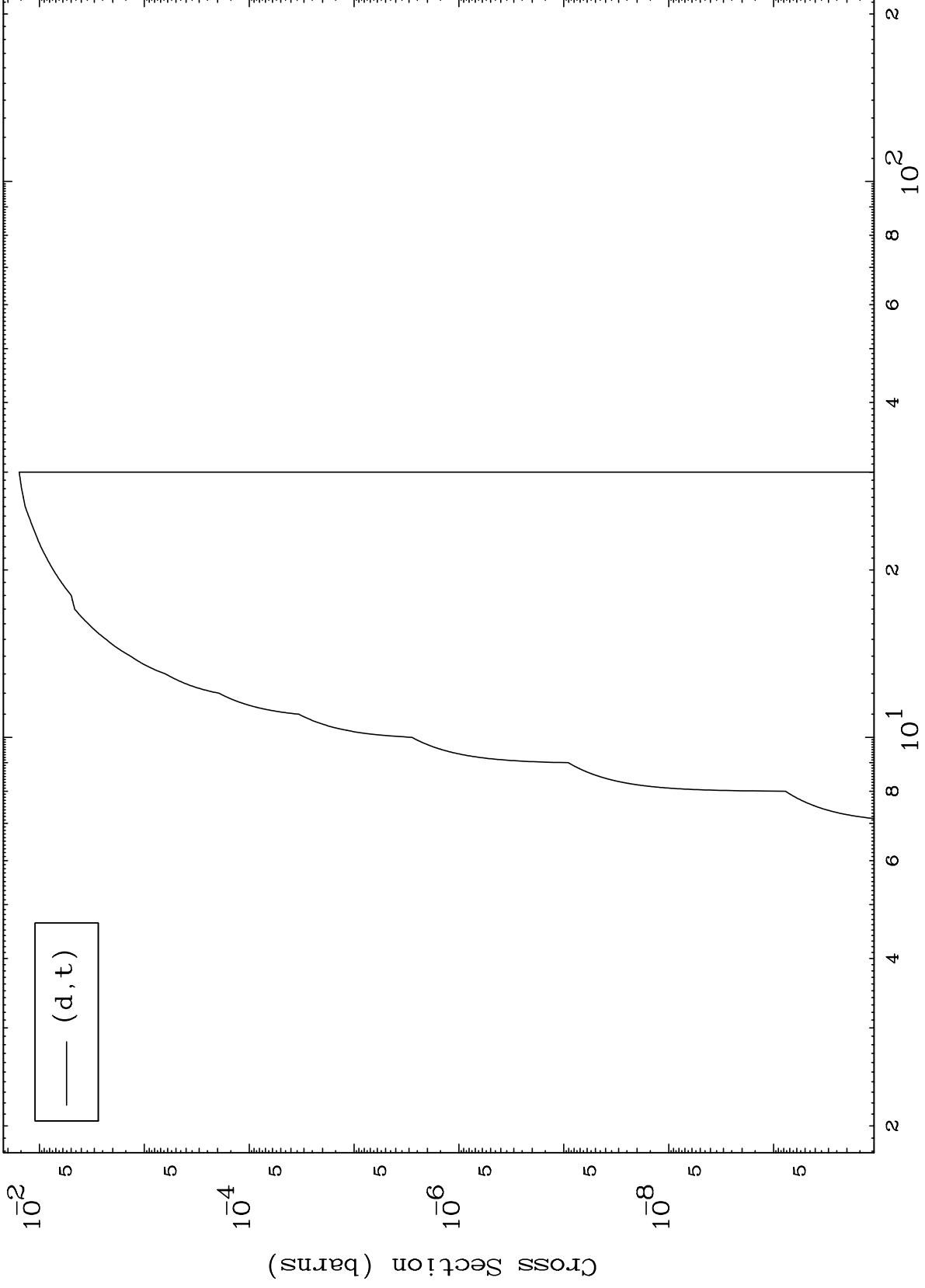
56-Ba-127

Incident Energy (MeV)

MAT 5617

(d,t) Levels
0 Kelvin Cross Sections

56-Ba-127



9

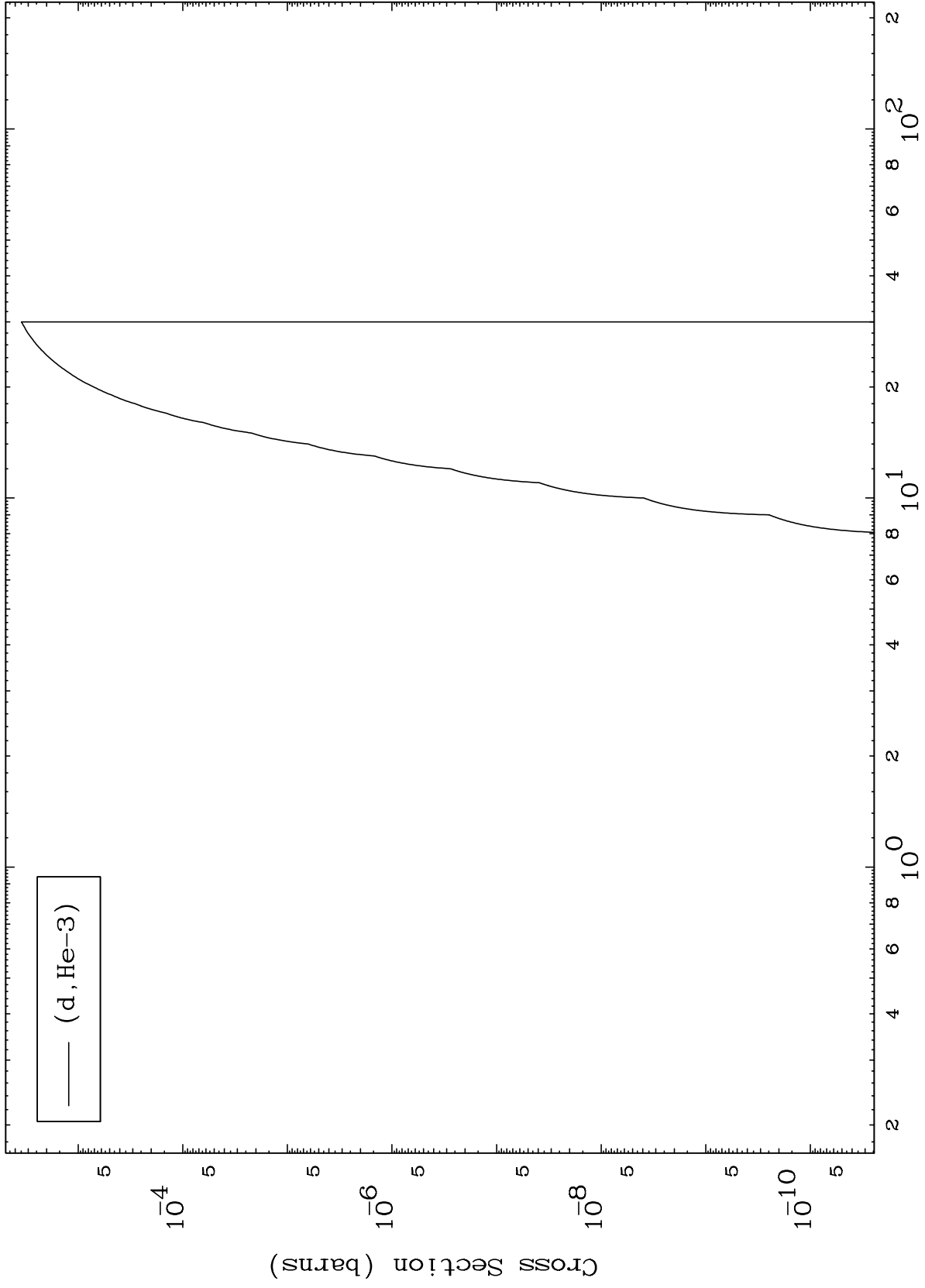
Incident Energy (MeV)

56-Ba-127

MAT 5617

(d,He3) Levels
0 Kelvin Cross Sections

56-Ba-127



10

Incident Energy (MeV)

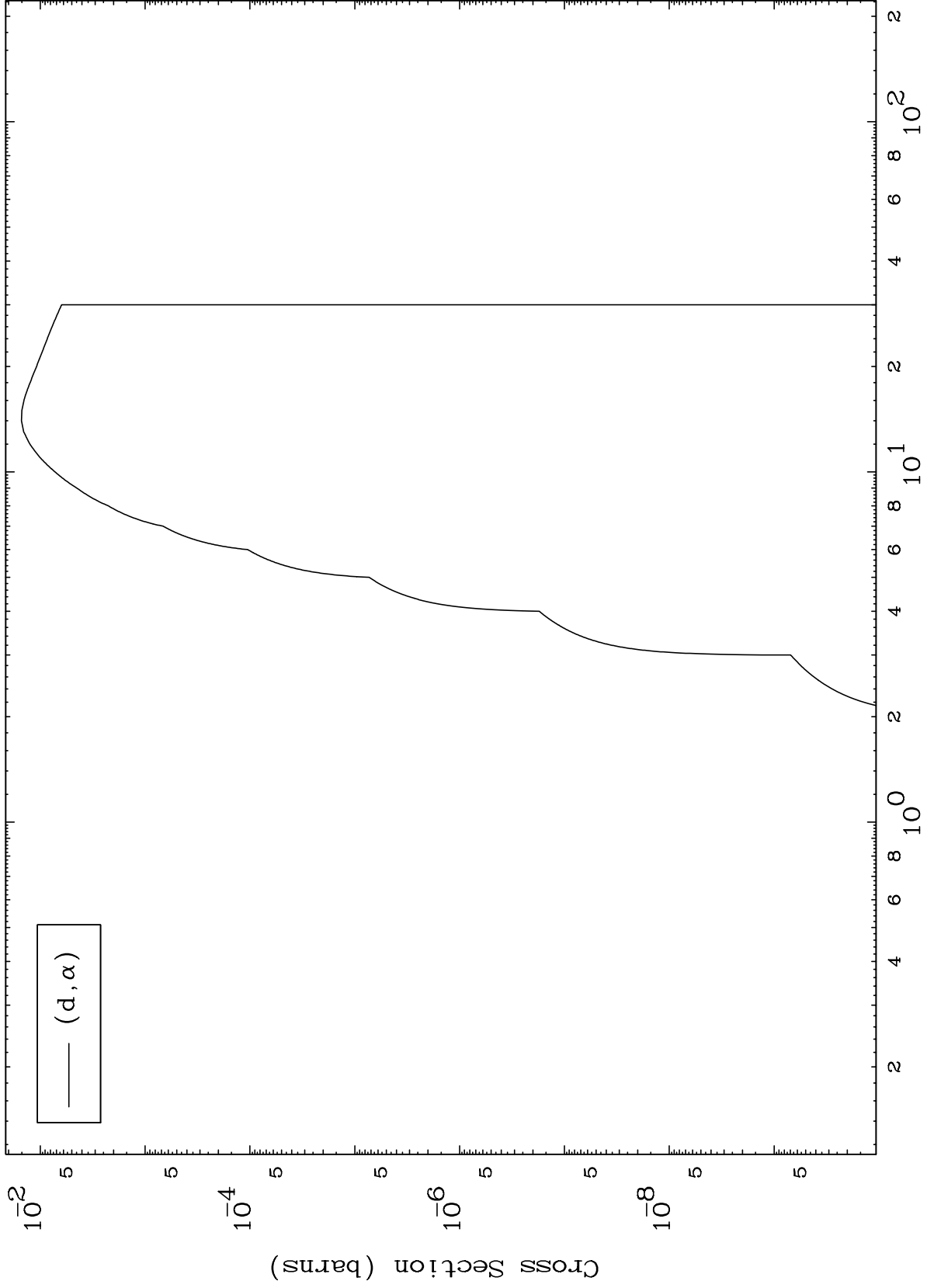
56-Ba-127

MAT 5617

(d, α) Levels

56-Ba-127

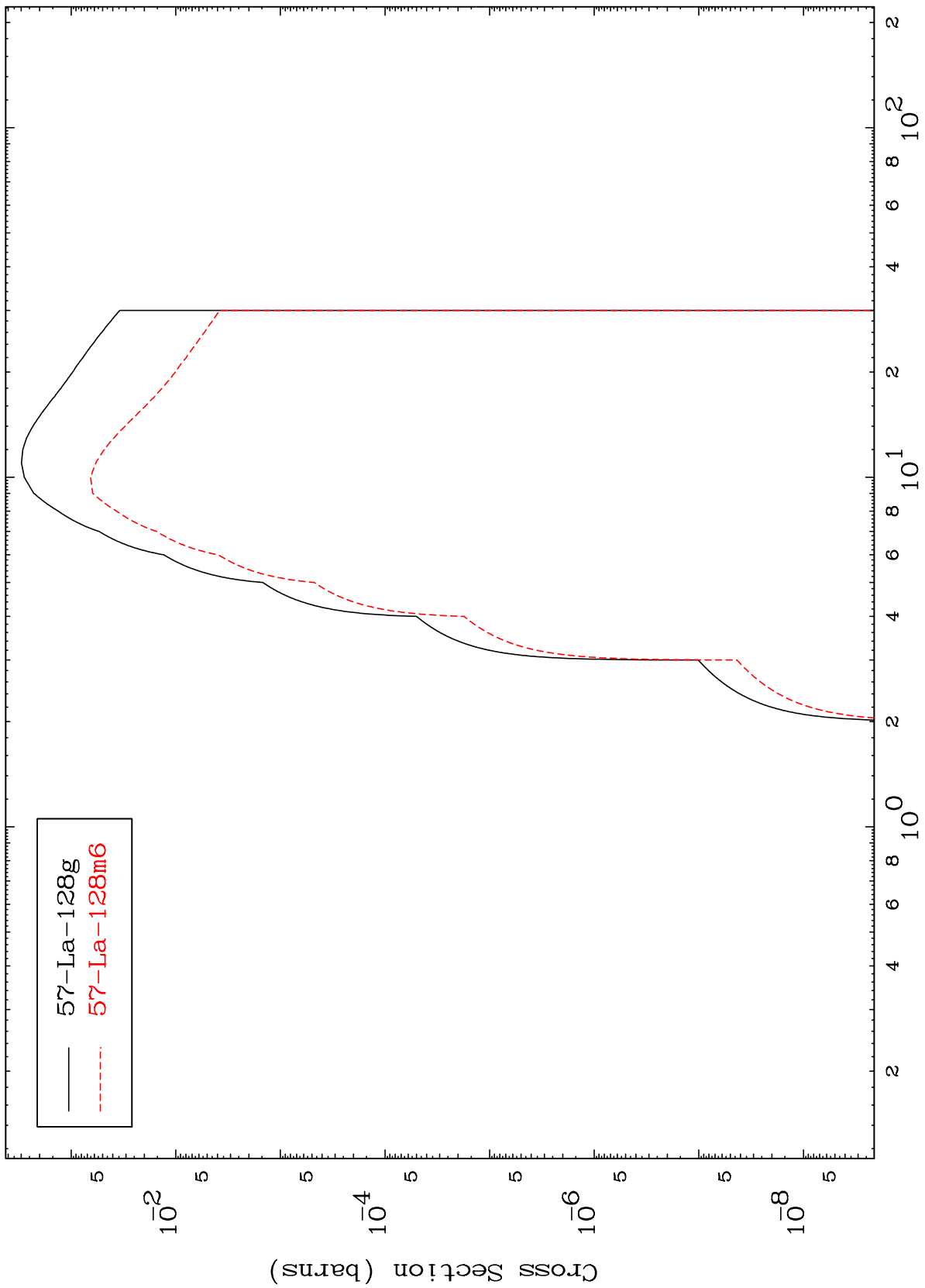
0 Kelvin Cross Sections



MAT 5617

Deuteron Inelastic
Radionuclide Production Cross Section

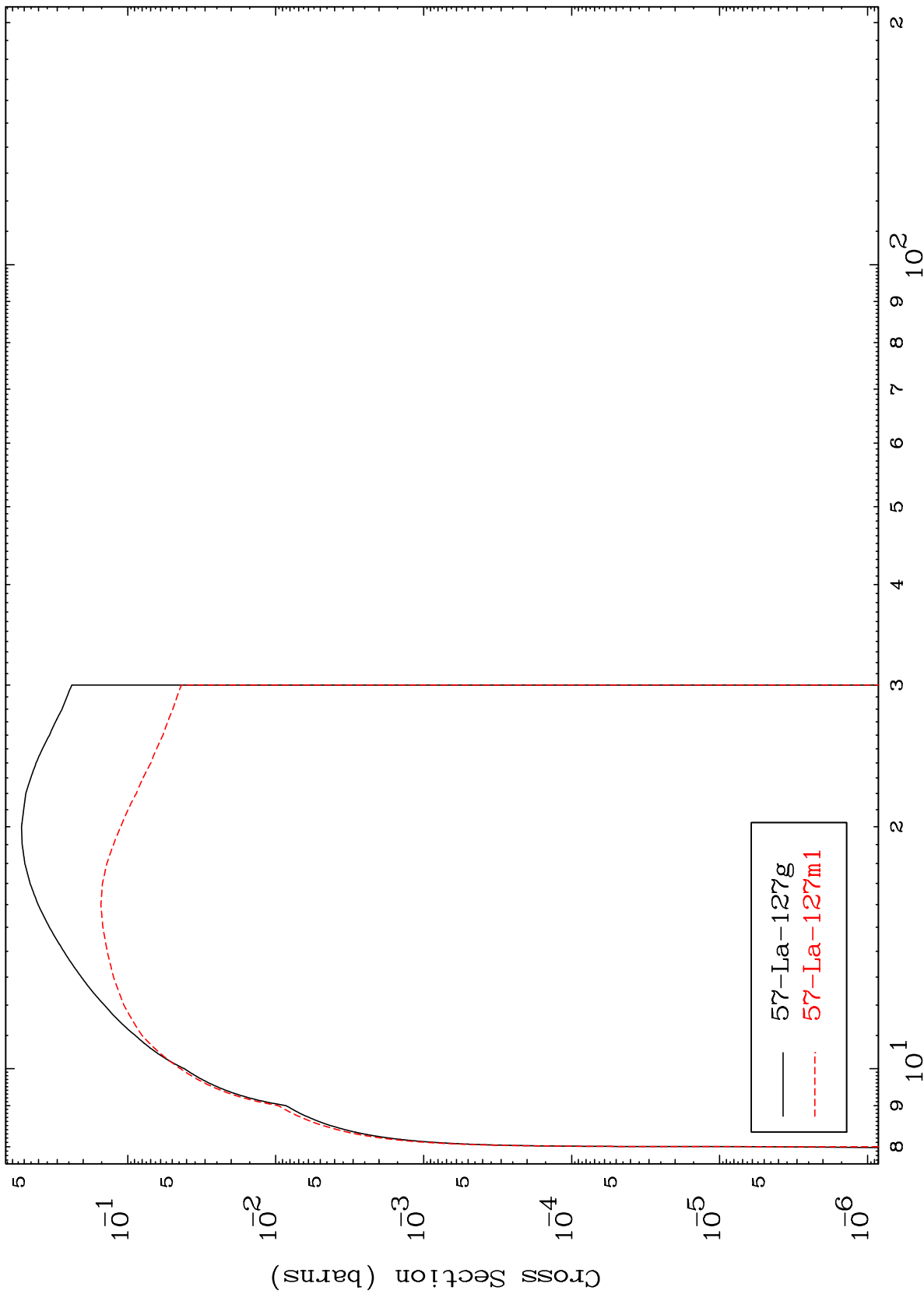
56-Ba-127



MAT 5617

56-Ba-127

Radionuclide Production Cross Section
(d,2n)



56-Ba-127

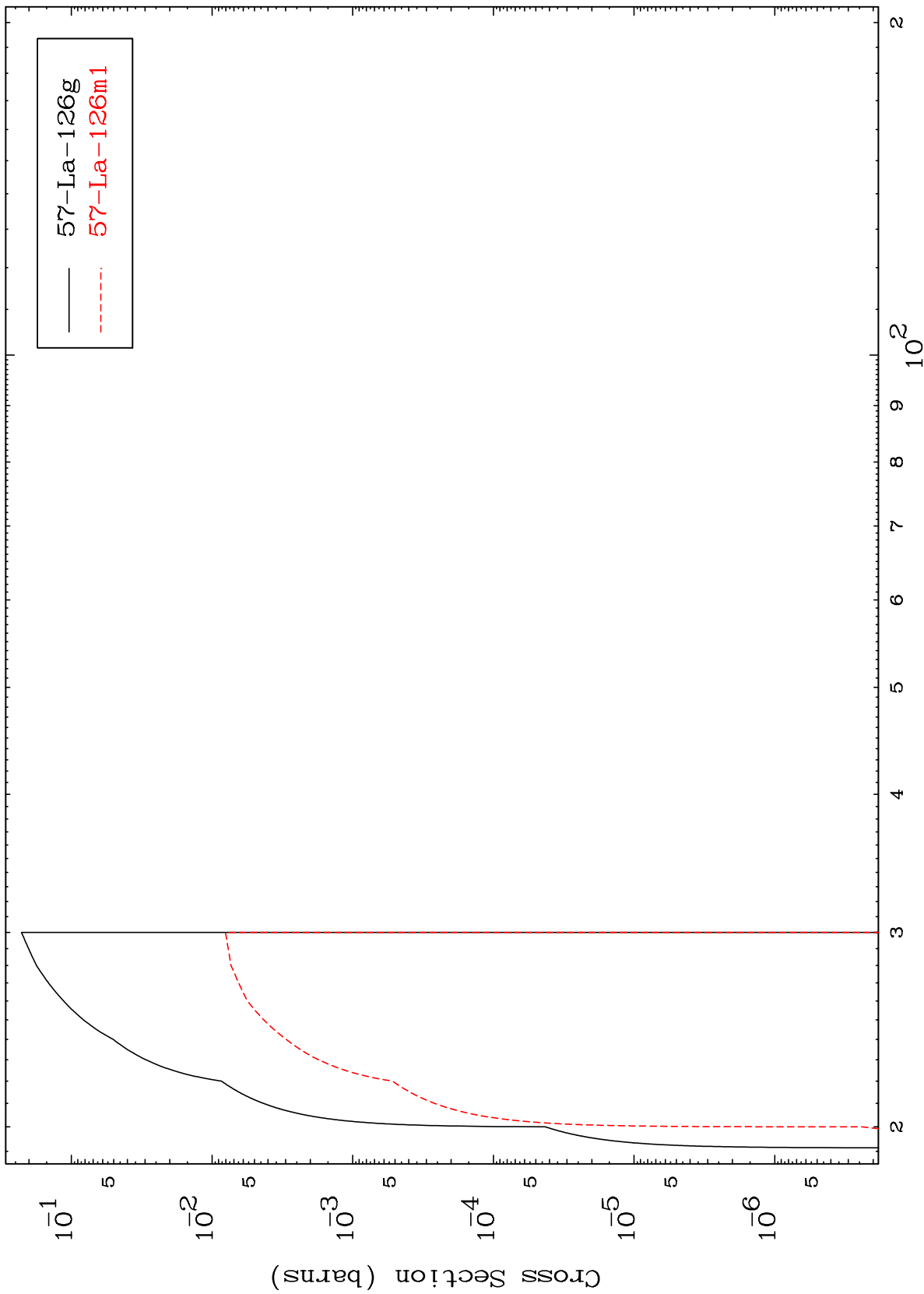
Incident Energy (MeV)

13

MAT 5617

56-Ba-127

(d,3n)
Radionuclide Production Cross Section



56-Ba-127

Incident Energy (MeV)

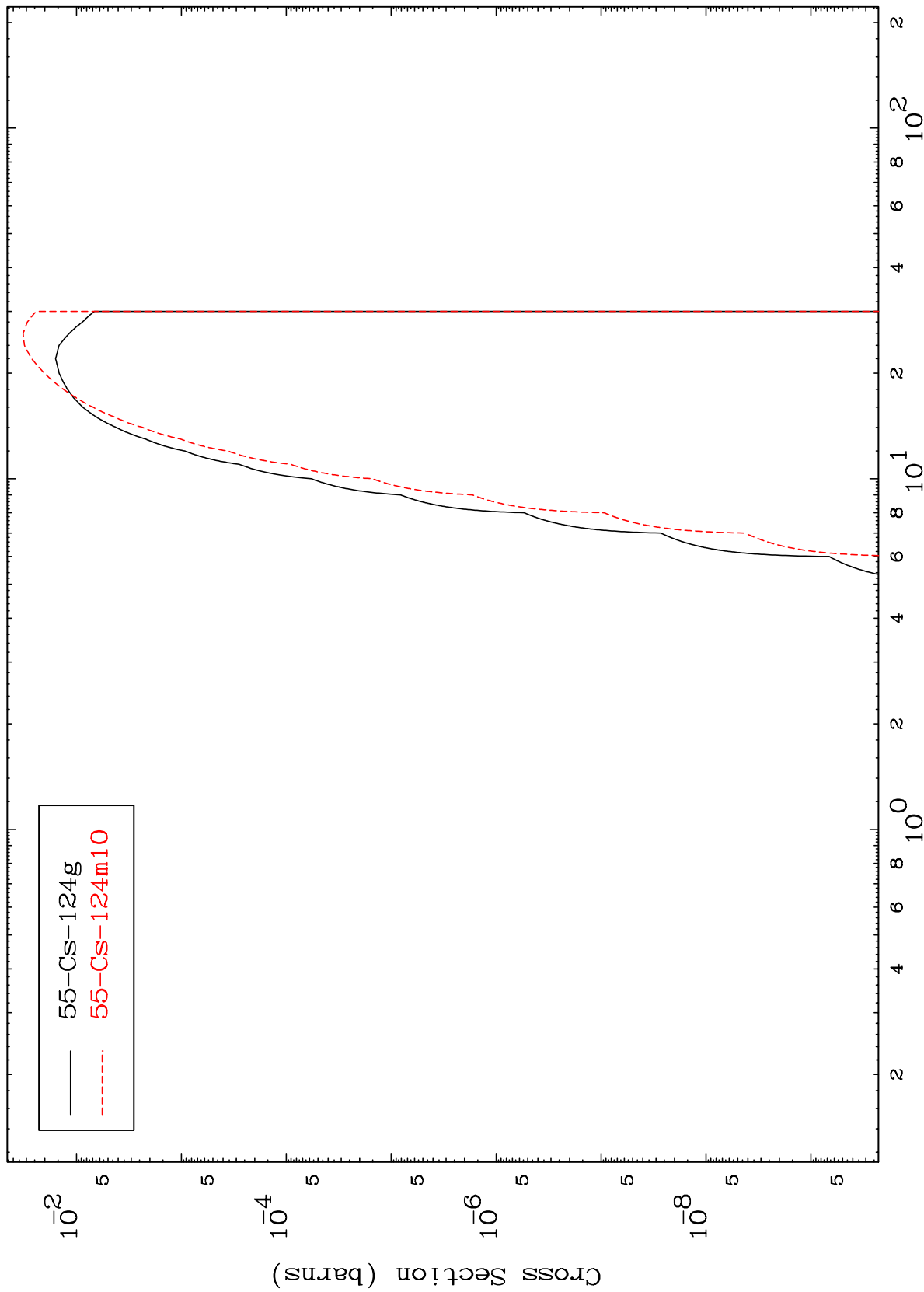
14

MAT 5617

(d,n') α

56-Ba-127

Radionuclide Production Cross Section



15

Incident Energy (MeV)

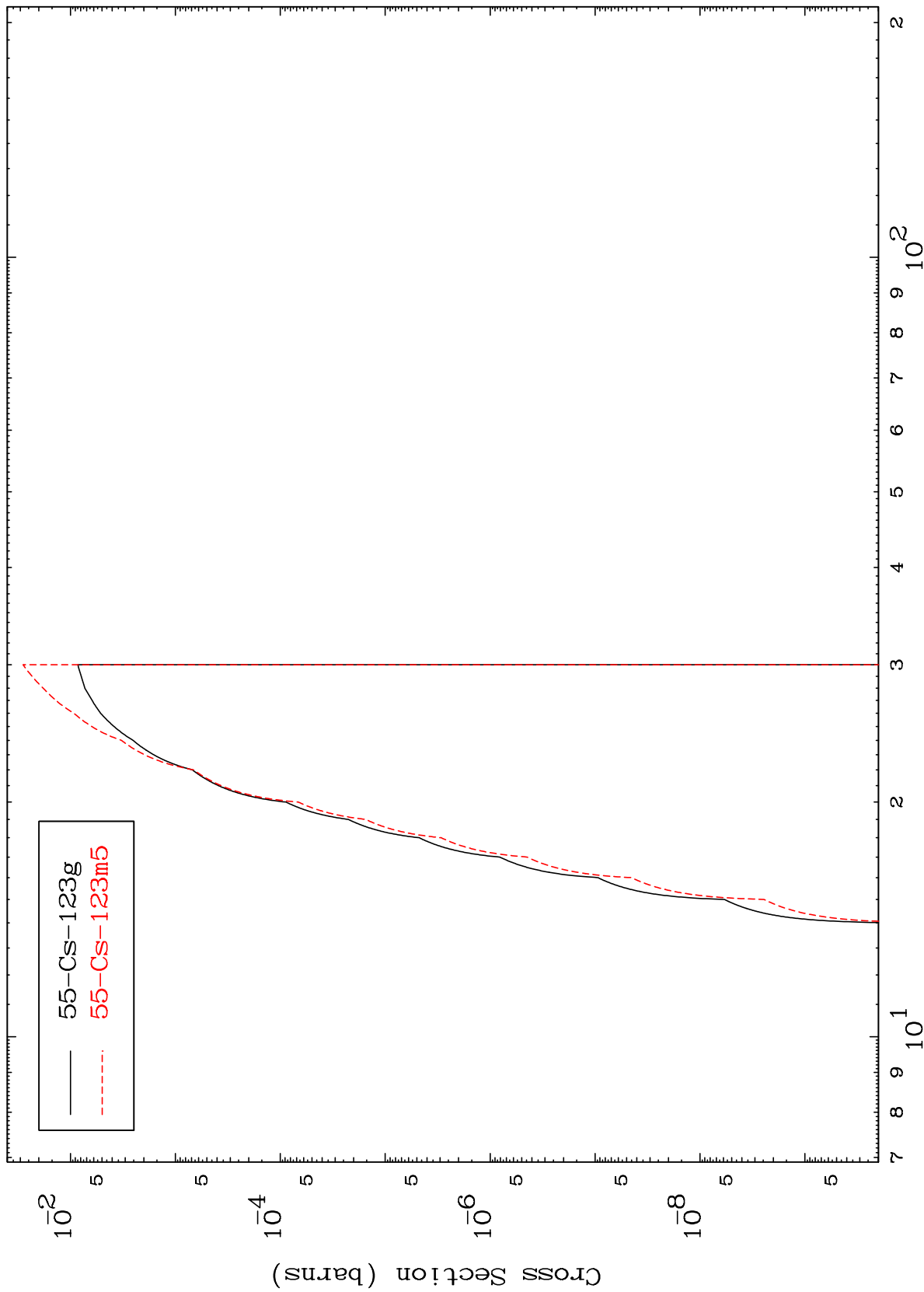
56-Ba-127

MAT 5617

(d,2n) α

56-Ba-127

Radionuclide Production Cross Section



16

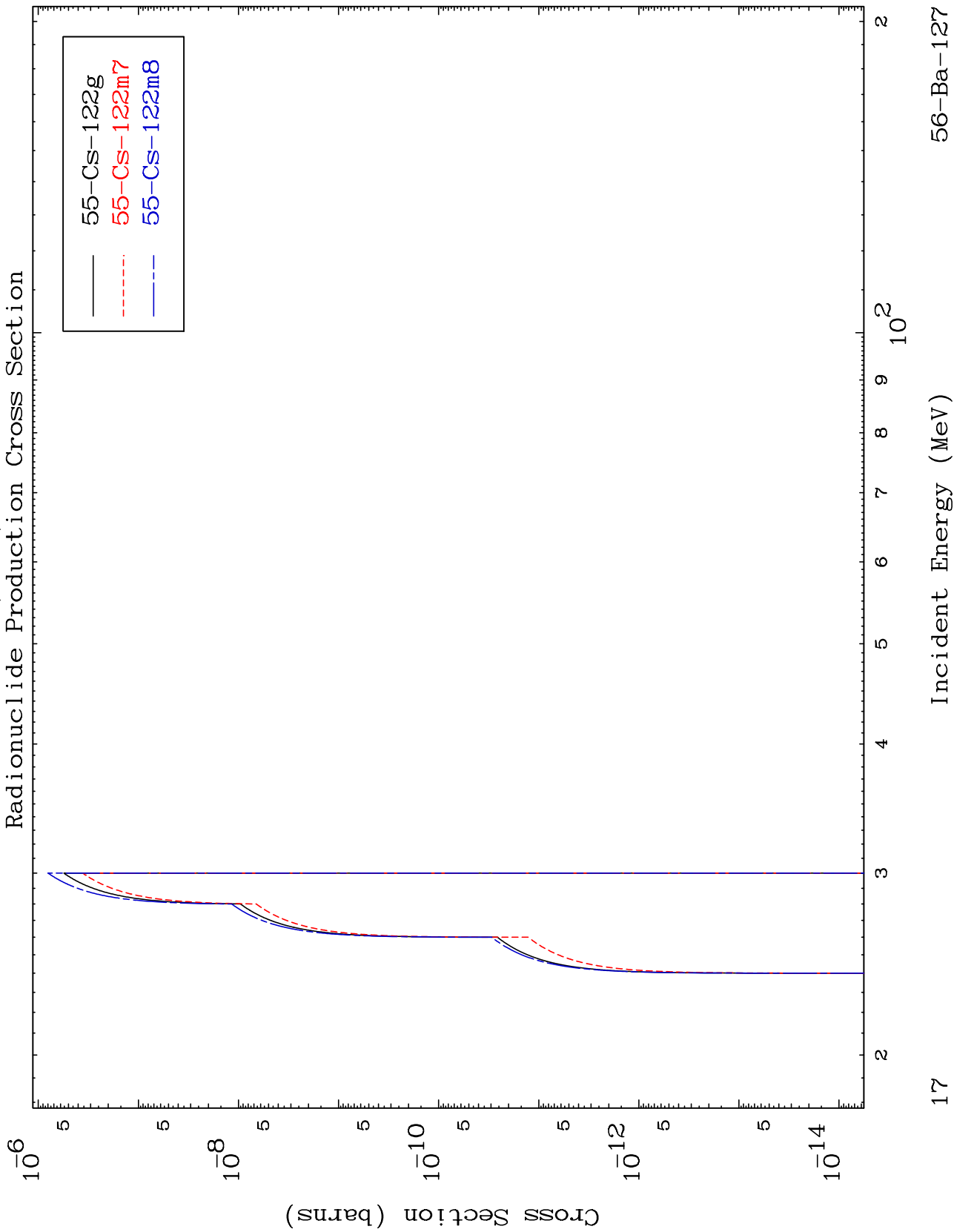
Incident Energy (MeV)

56-Ba-127

MAT 5617

(d,3n) α

56-Ba-127



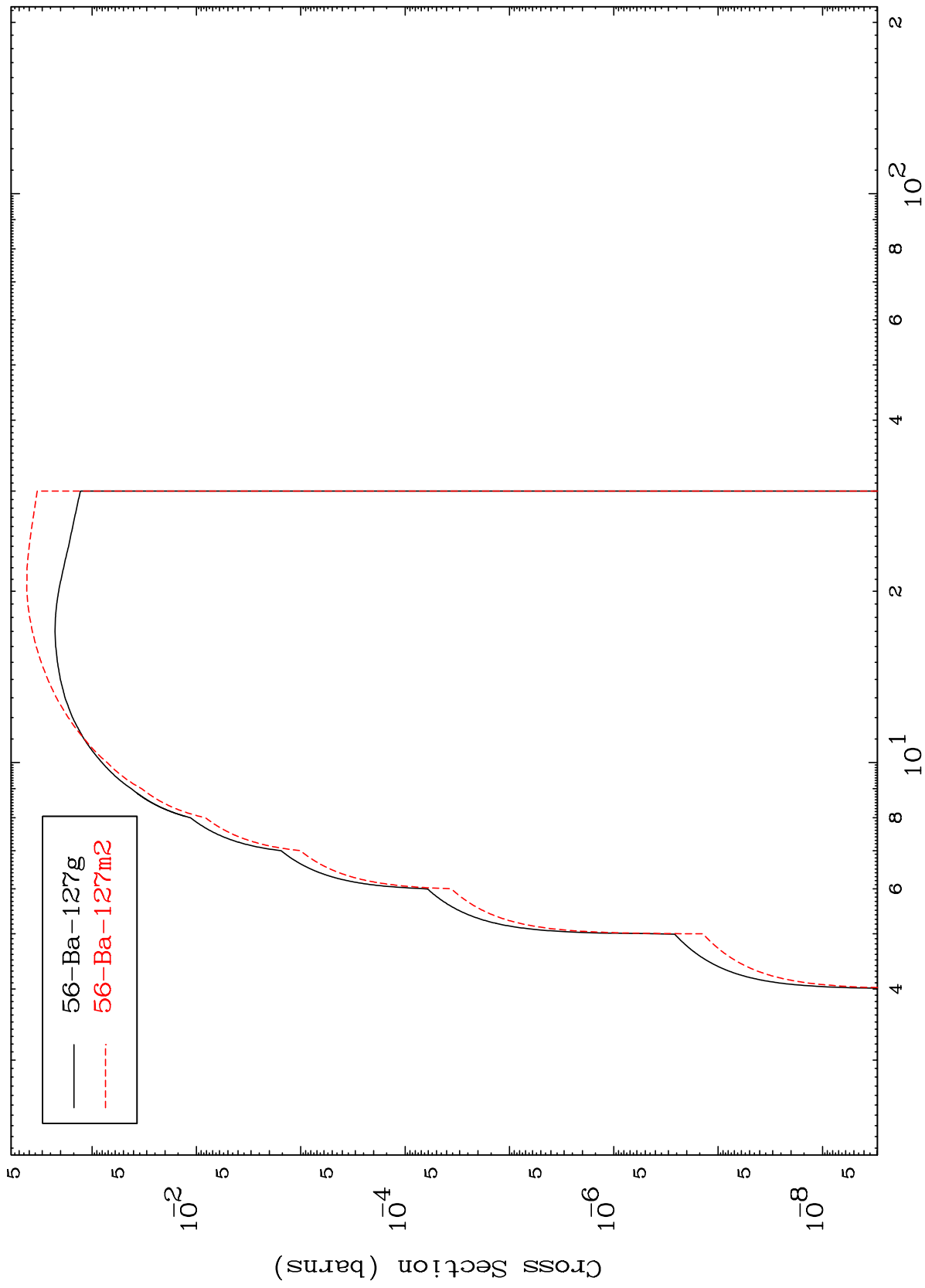
17

56-Ba-127

MAT 5617

56-Ba-127

(d,n') p
Radionuclide Production Cross Section



18

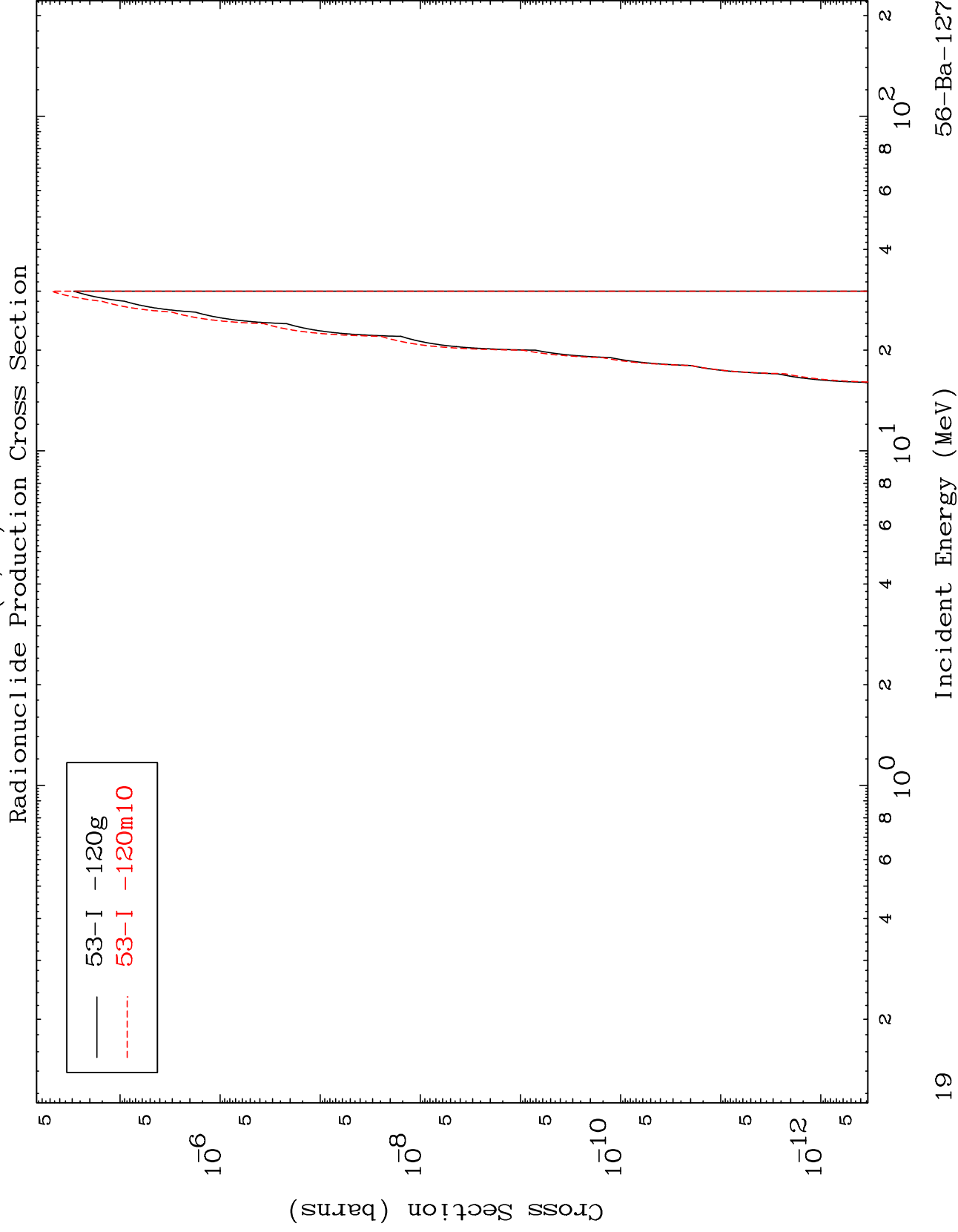
Incident Energy (MeV)

56-Ba-127

MAT 5617

(d,n') 2 α

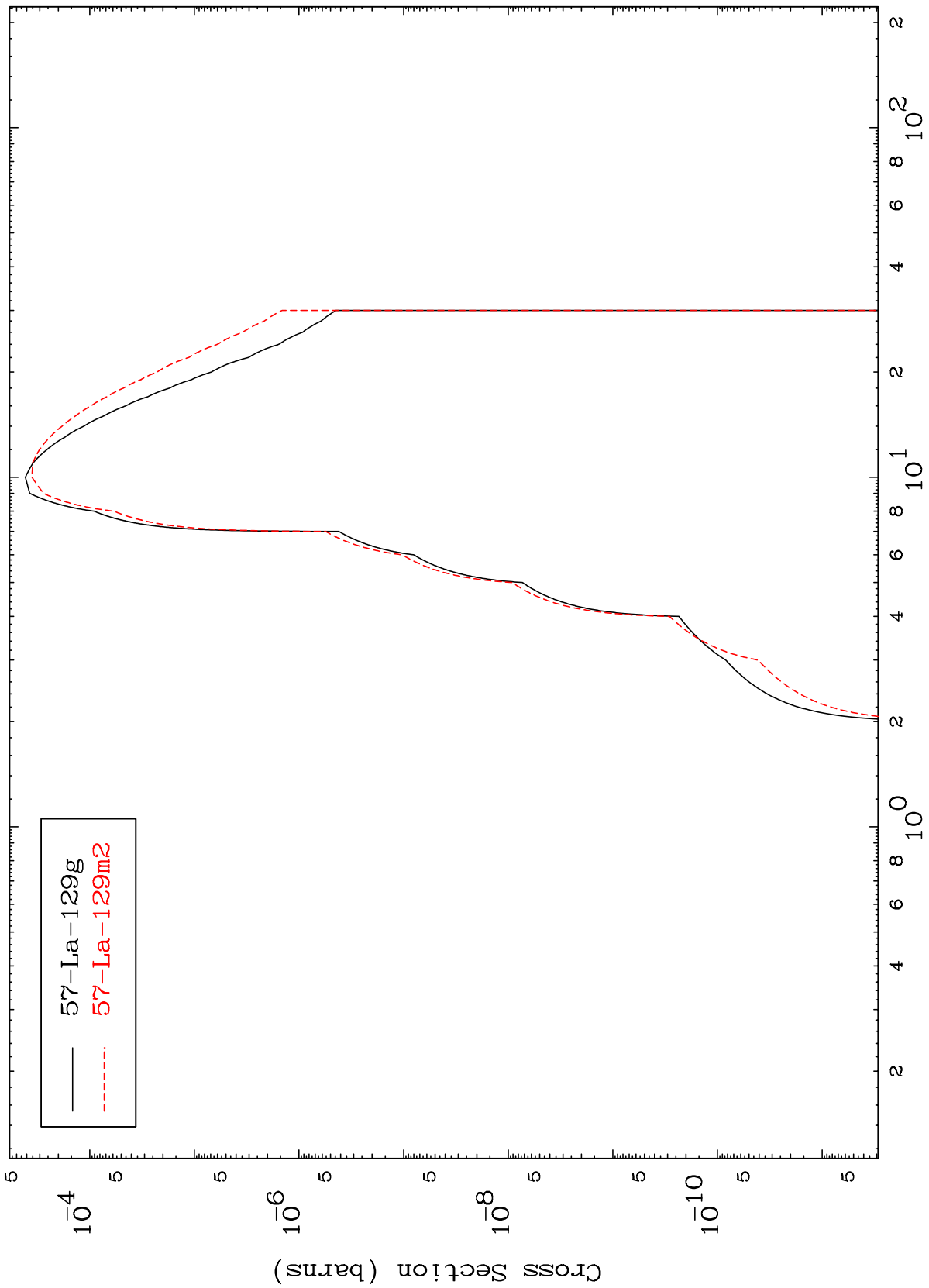
56-Ba-127



MAT 5617

56-Ba-127

(d, γ)
Radionuclide Production Cross Section



— $^{57}\text{La-129g}$
- - - $^{57}\text{La-129m2}$

56-Ba-127

Incident Energy (MeV)

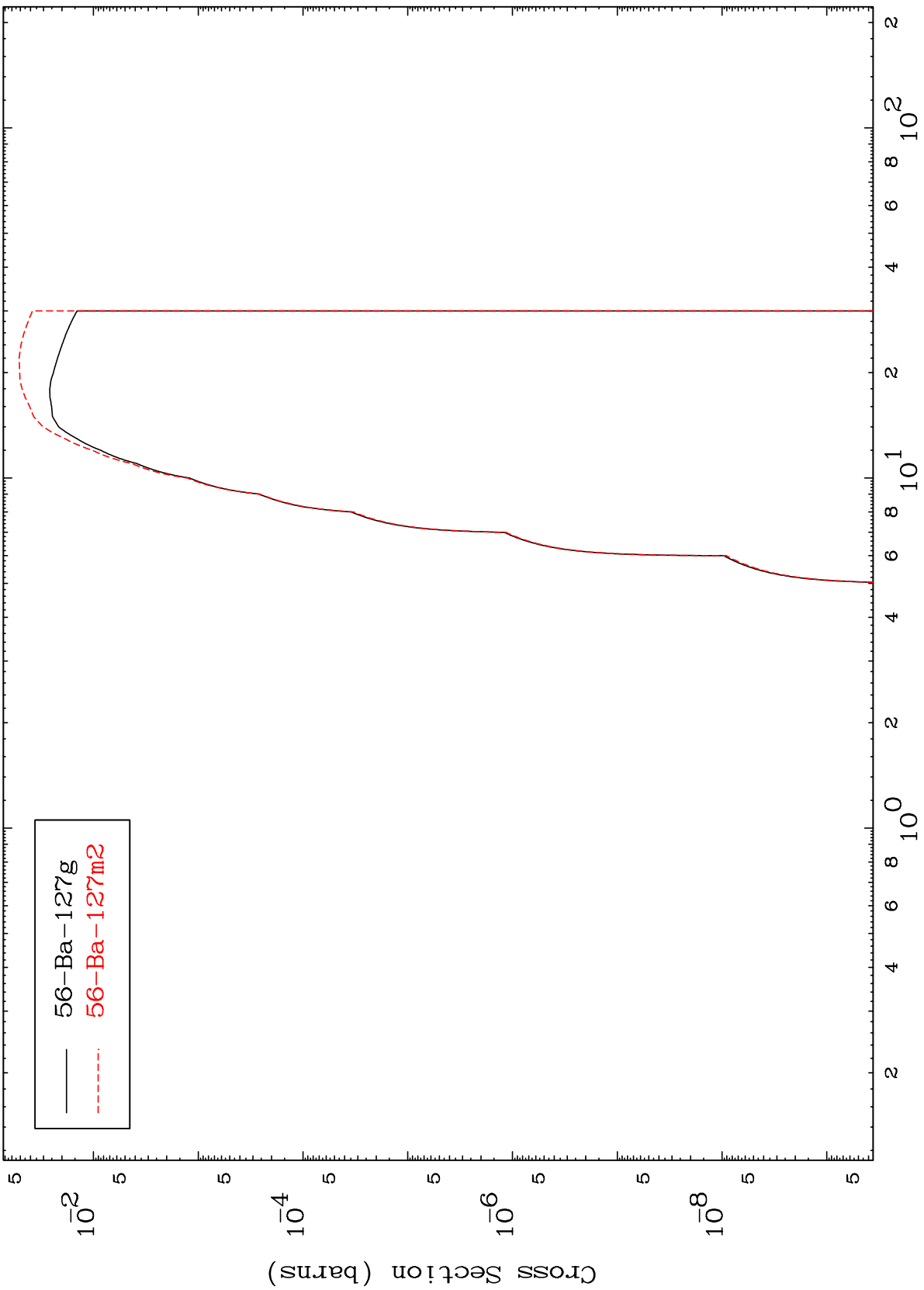
20

MAT 5617

(d,d)

56-Ba-127

Radionuclide Production Cross Section



56-Ba-127g
56-Ba-127m2