

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

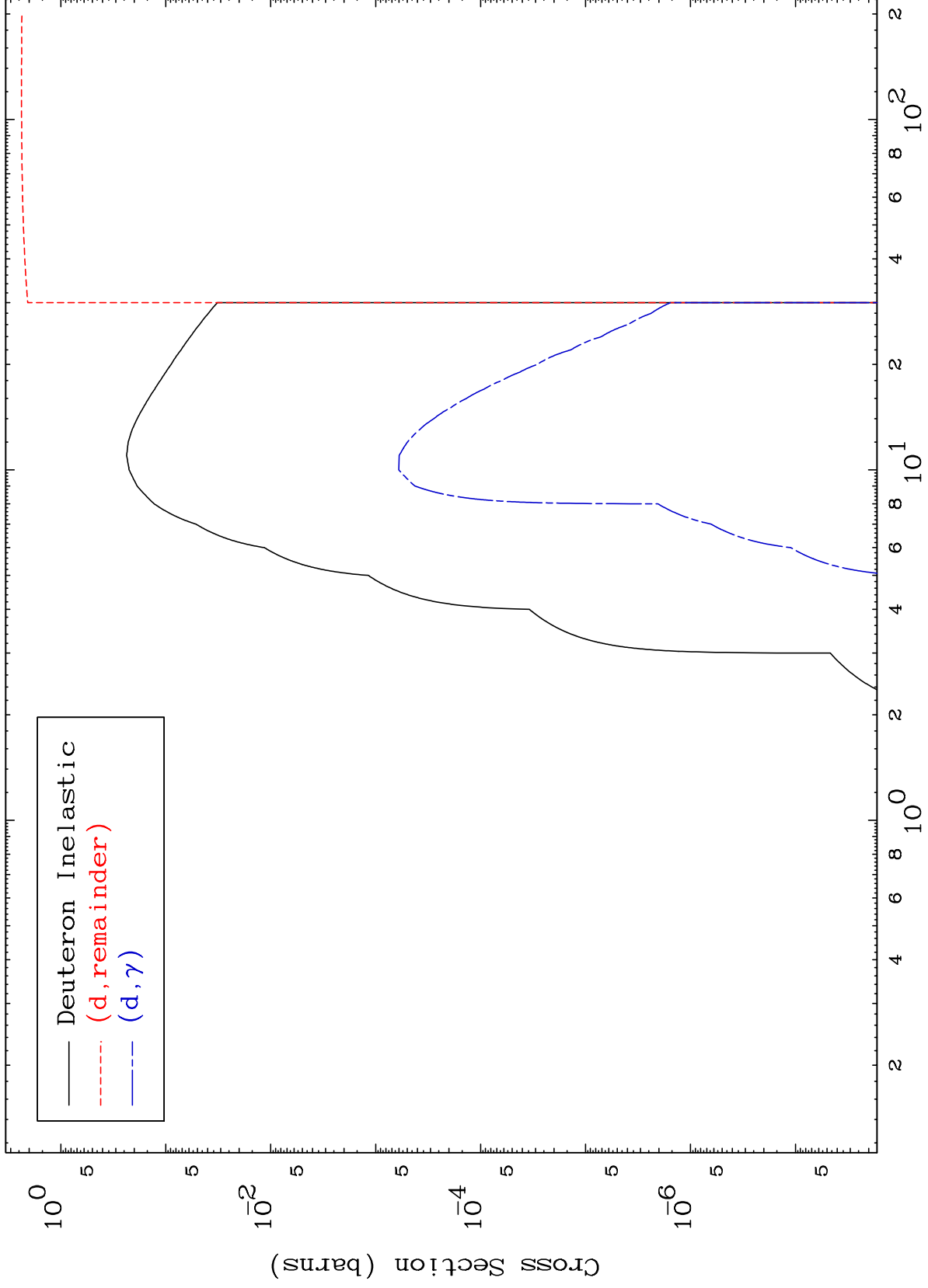
Web:redcullen1.net/HOMEPAGE.NEW

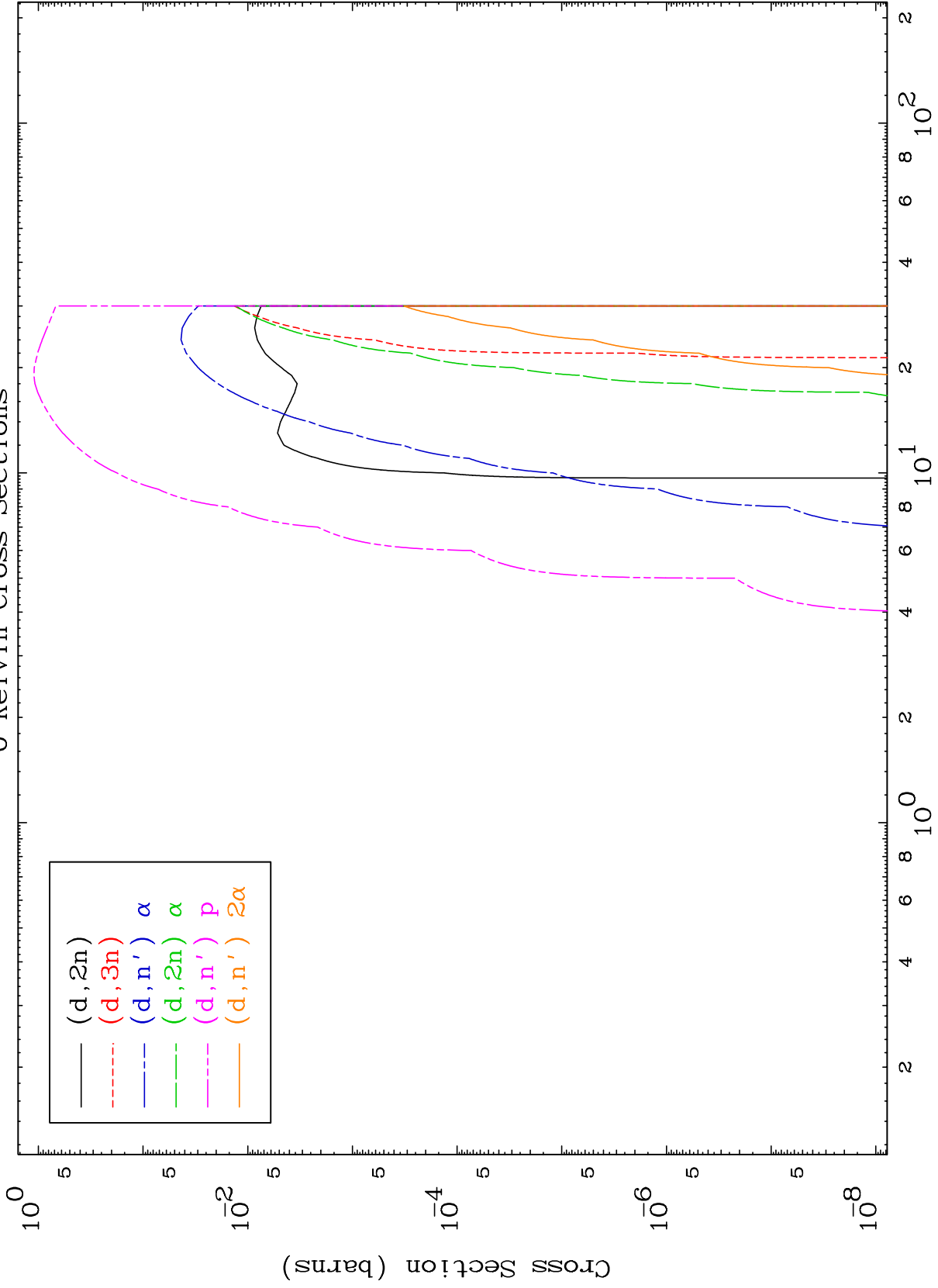
Press Mouse Button to Start

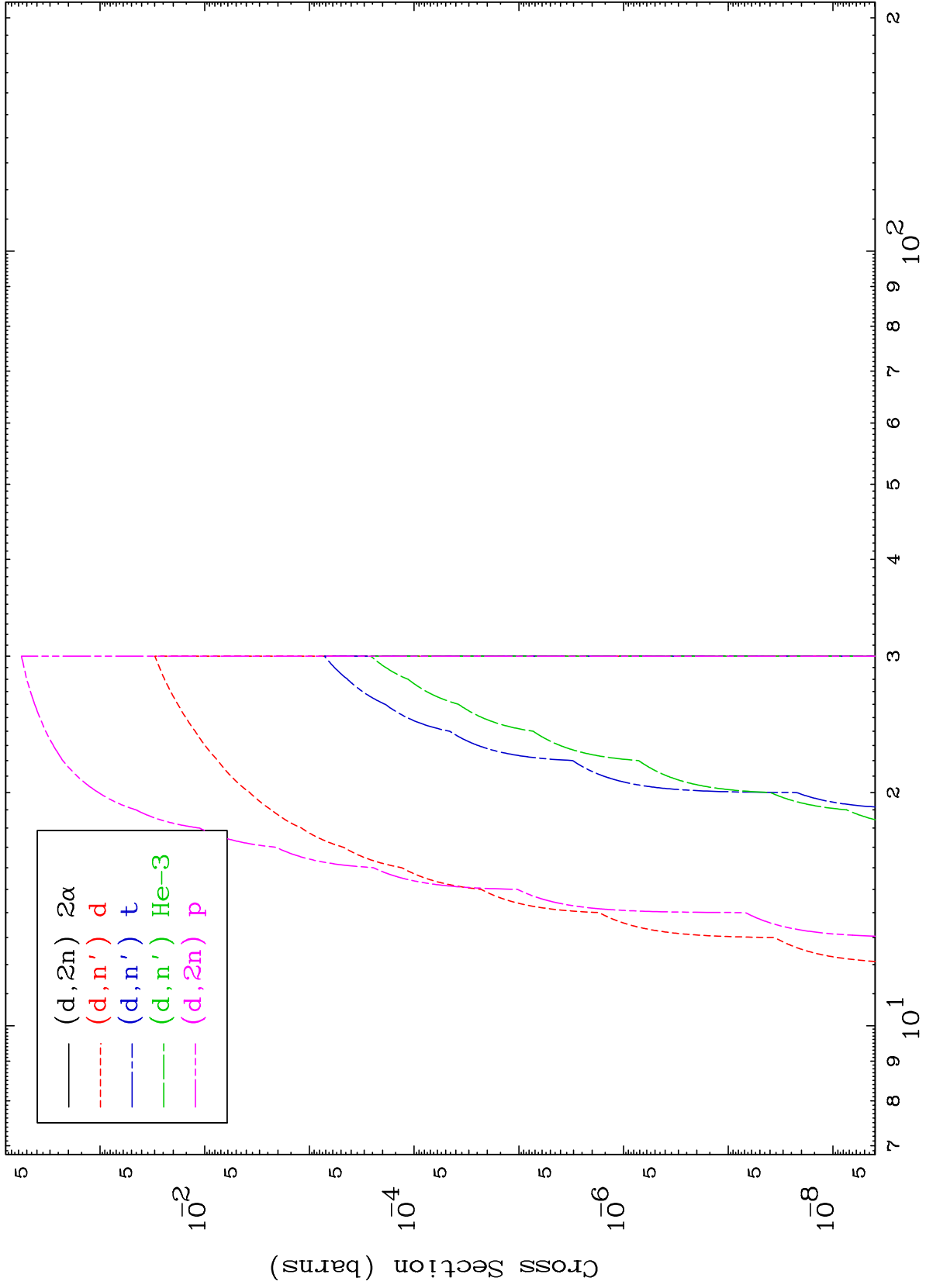
MAT 5804

Deuteron Major
0 Kelvin Cross Sections

58-Ce-129



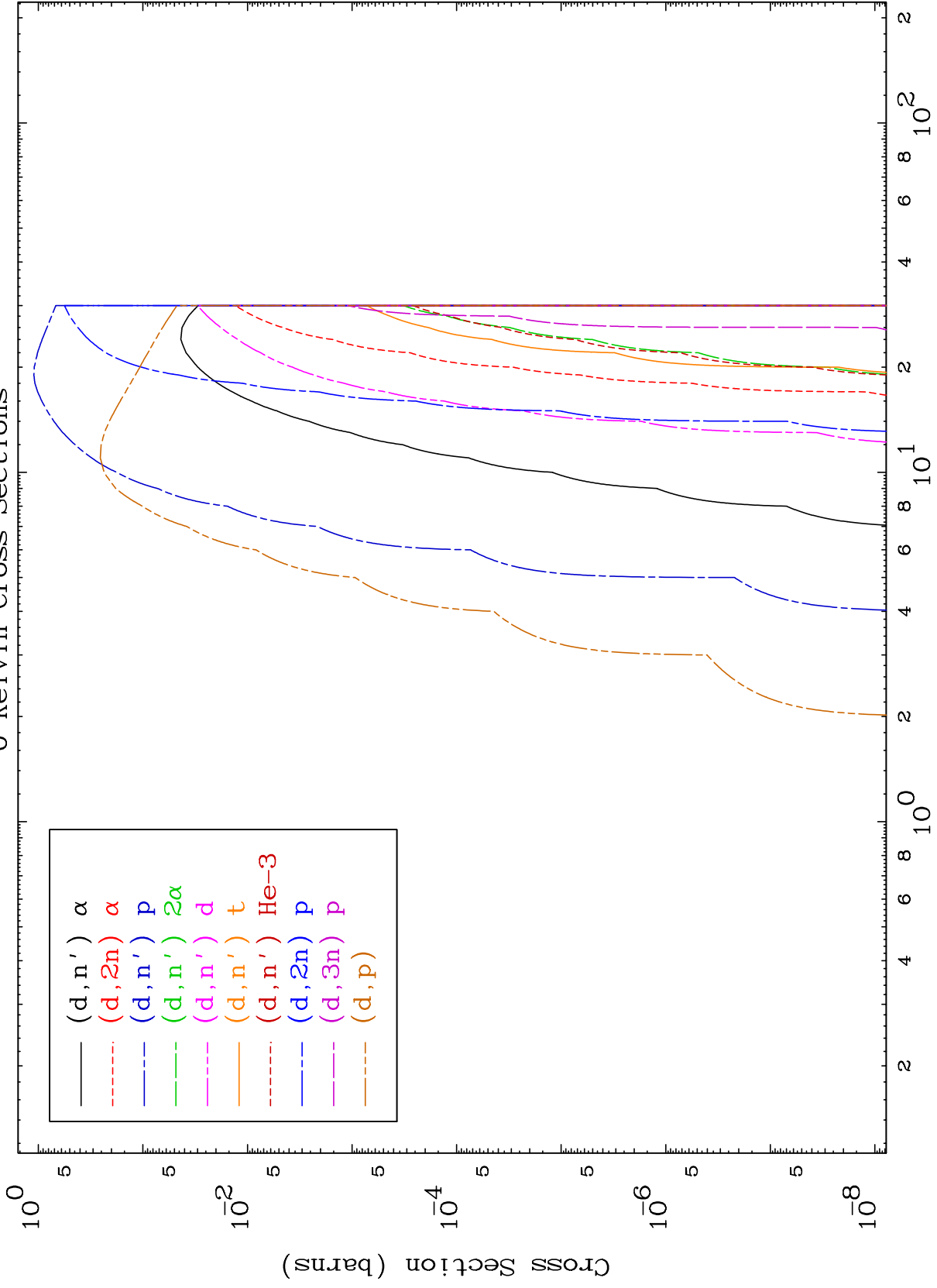


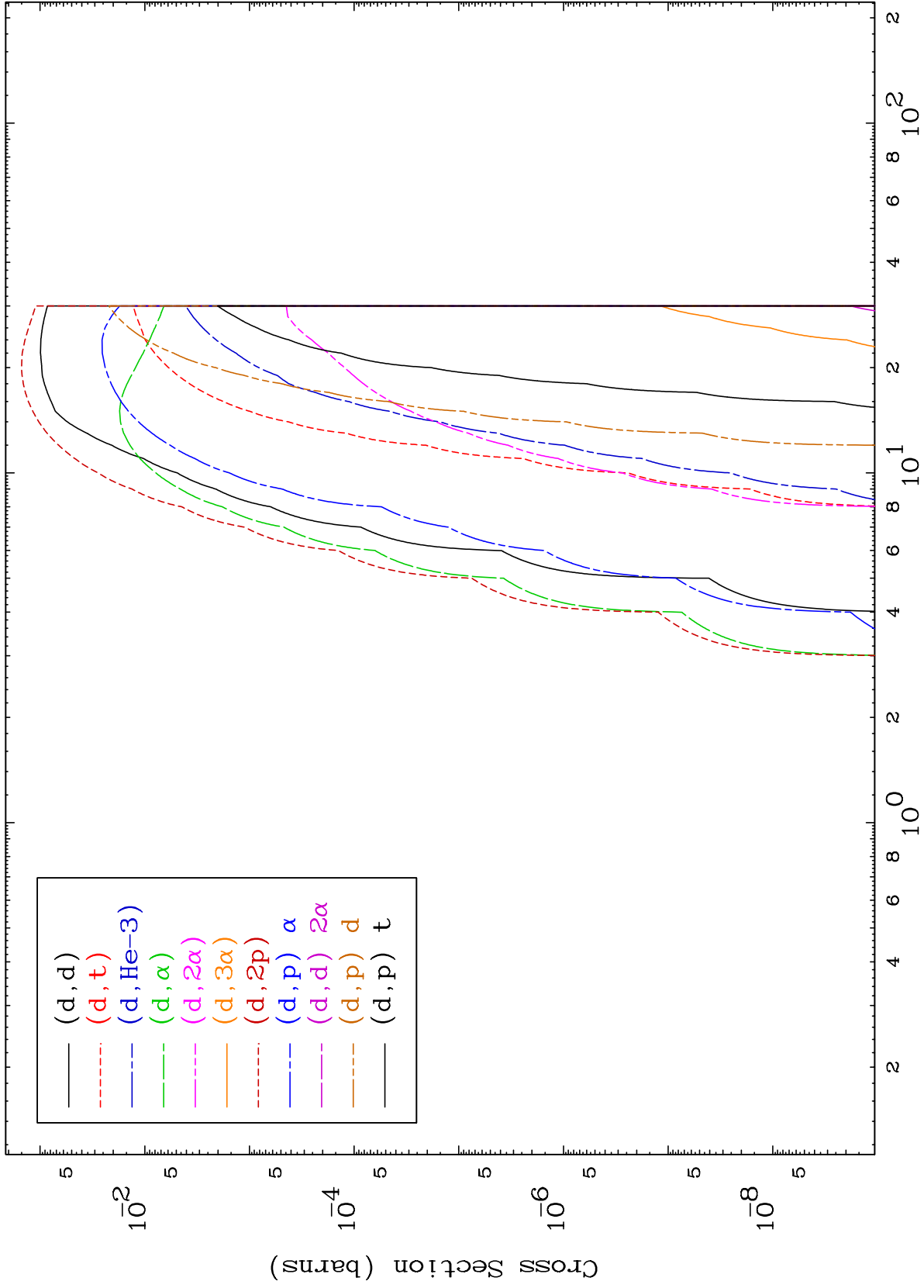


MAT 5804

Deuteron Charged Particle
0 Kelvin Cross Sections

58-Ce-129



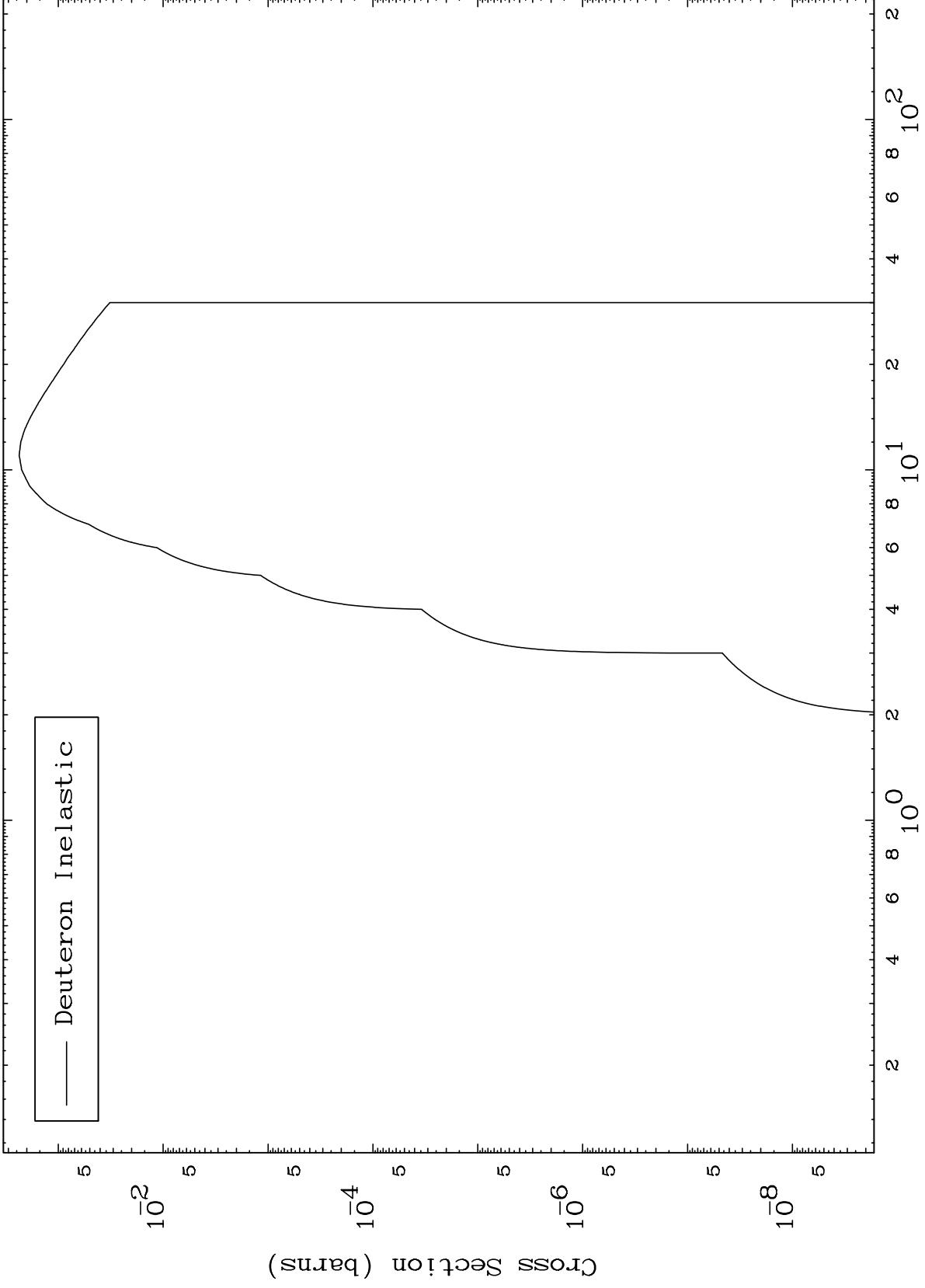


MAT 5804

(d,n') Level

58-Ce-129

0 Kelvin Cross Sections



6

Incident Energy (MeV)

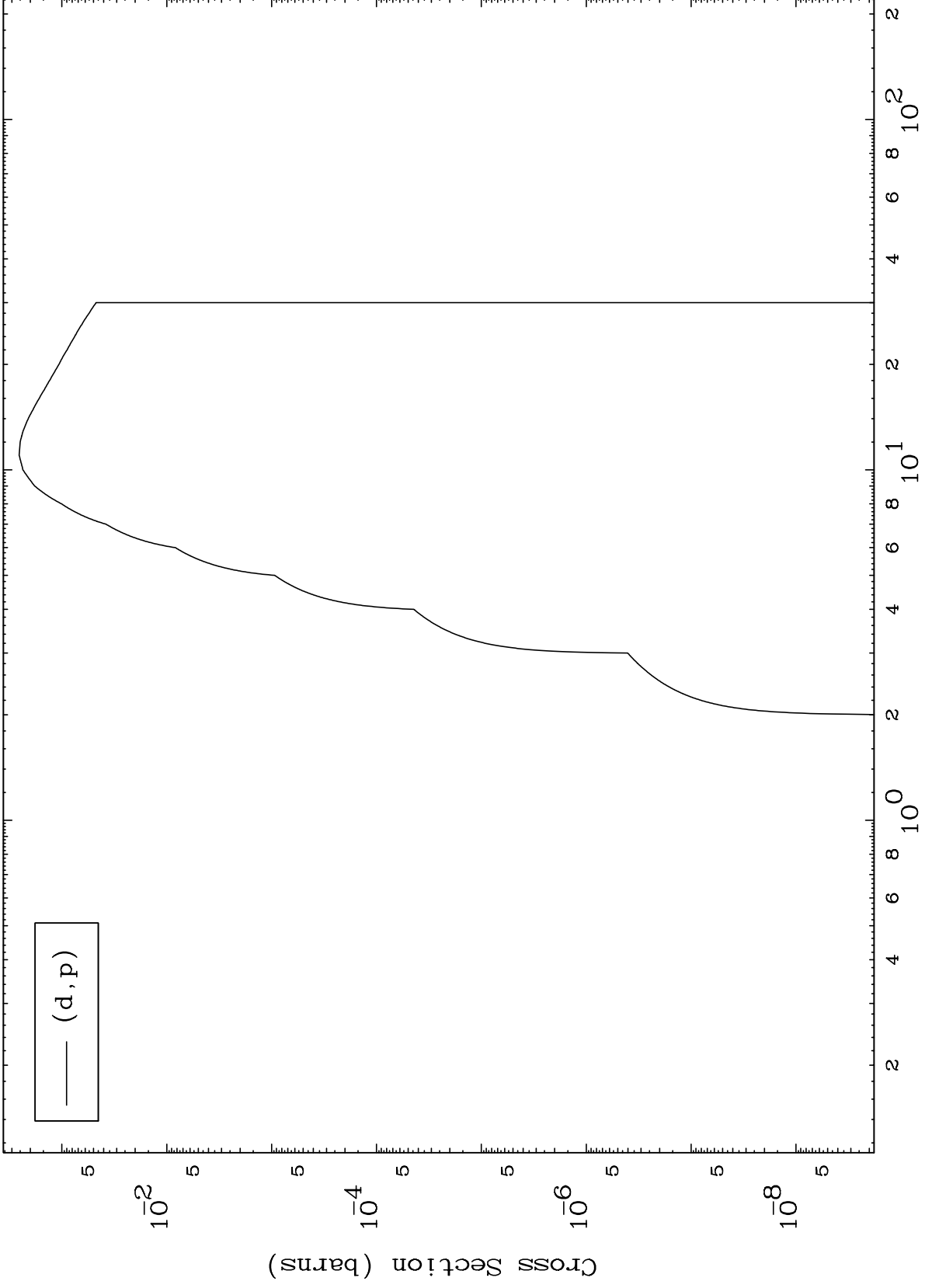
58-Ce-129

MAT 5804

(d,p) Levels

58-Ce-129

0 Kelvin Cross Sections

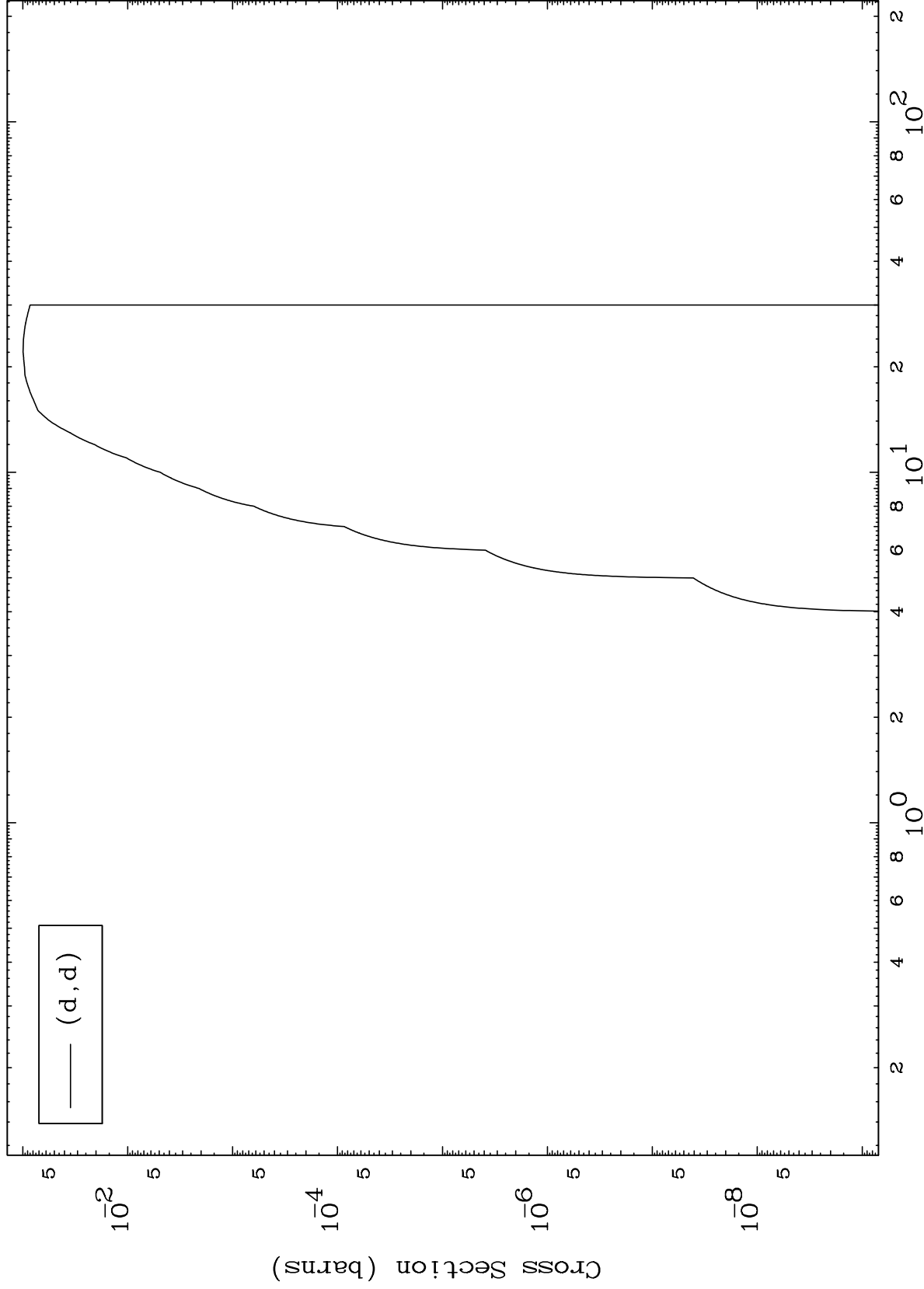


MAT 5804

(d,d) Levels

58-Ce-129

0 Kelvin Cross Sections

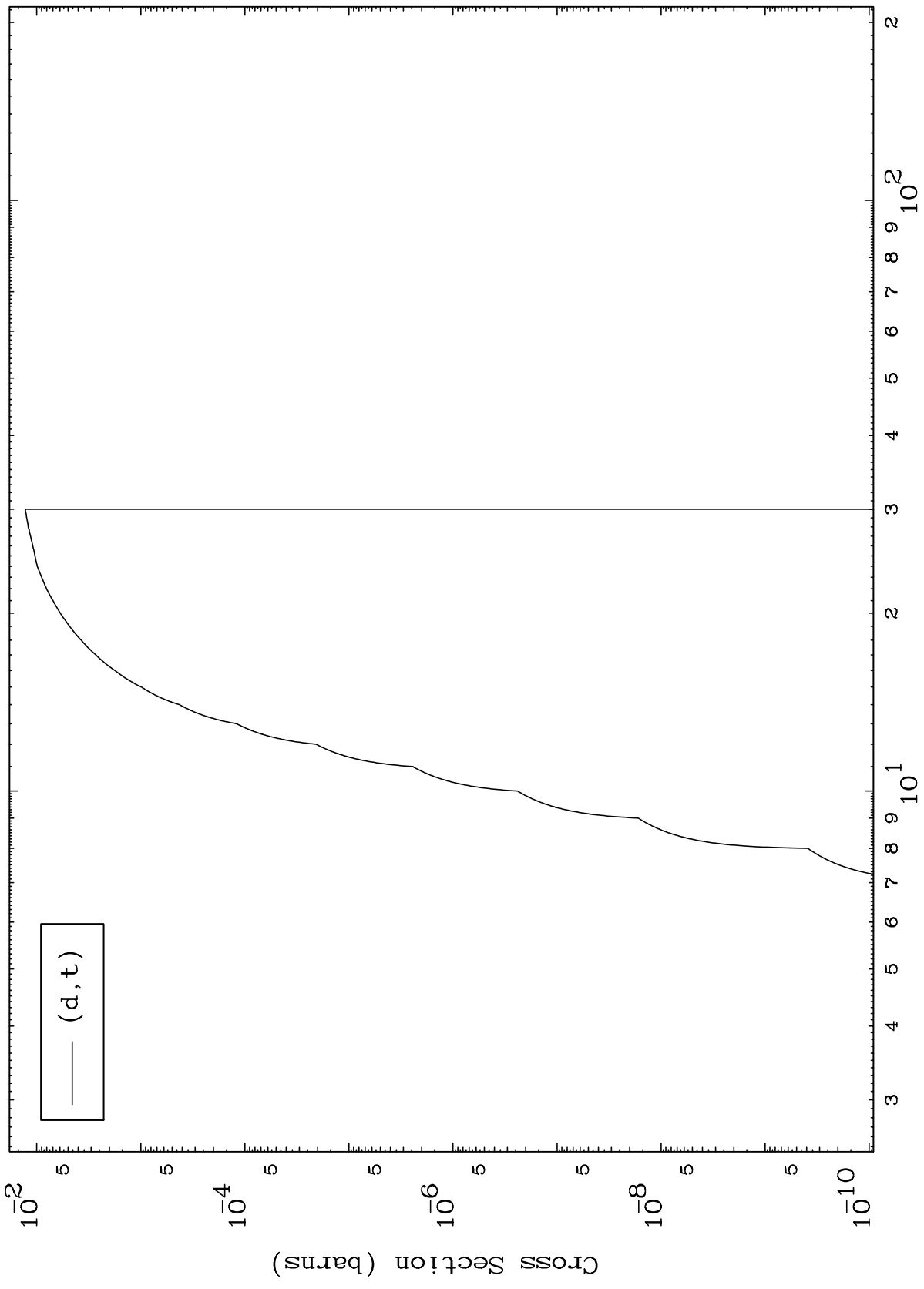


MAT 5804

(d,t) Levels

58-Ce-129

0 Kelvin Cross Sections

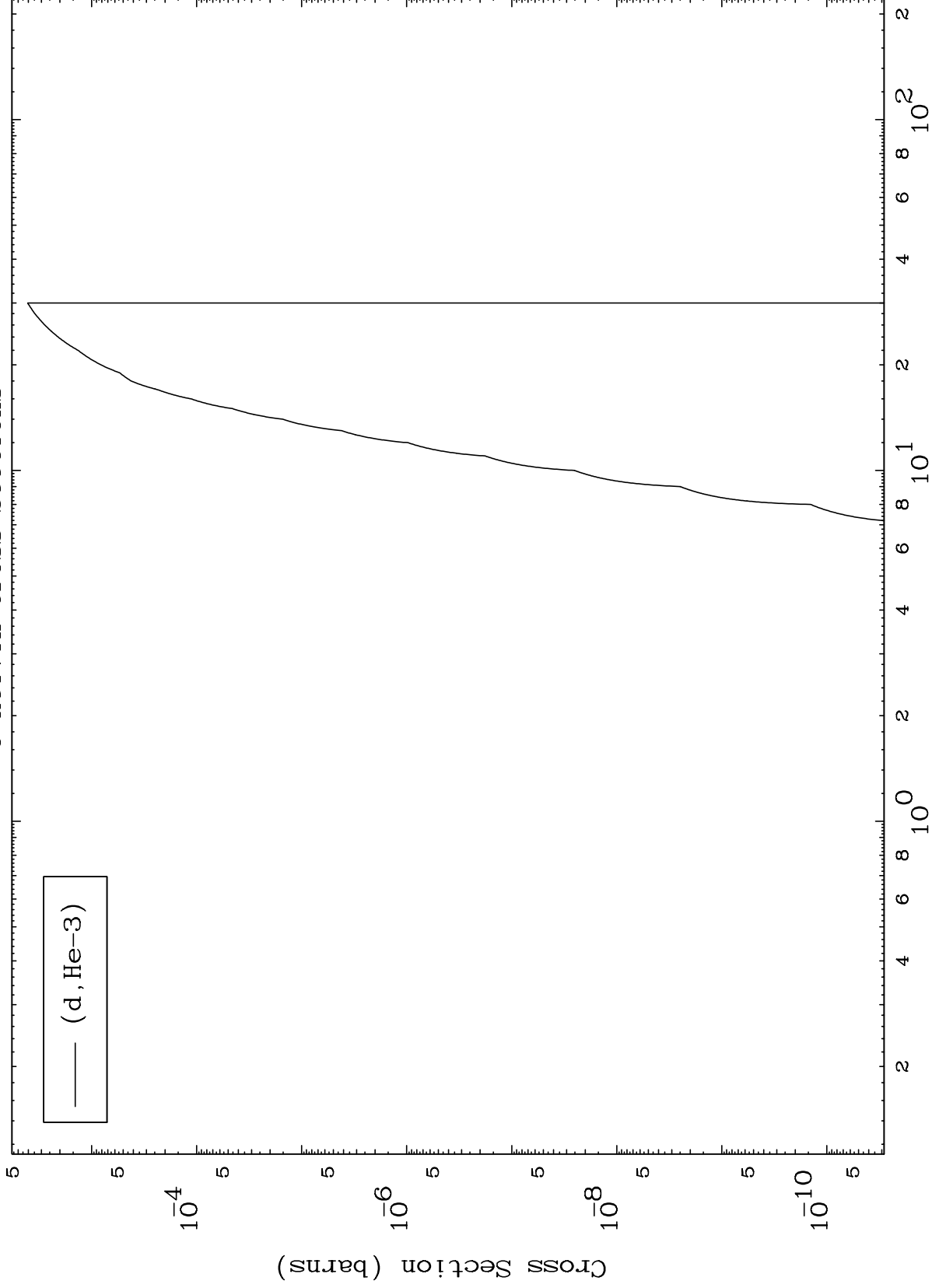


MAT 5804

(d,He3) Levels

58-Ce-129

0 Kelvin Cross Sections



10

Incident Energy (MeV)

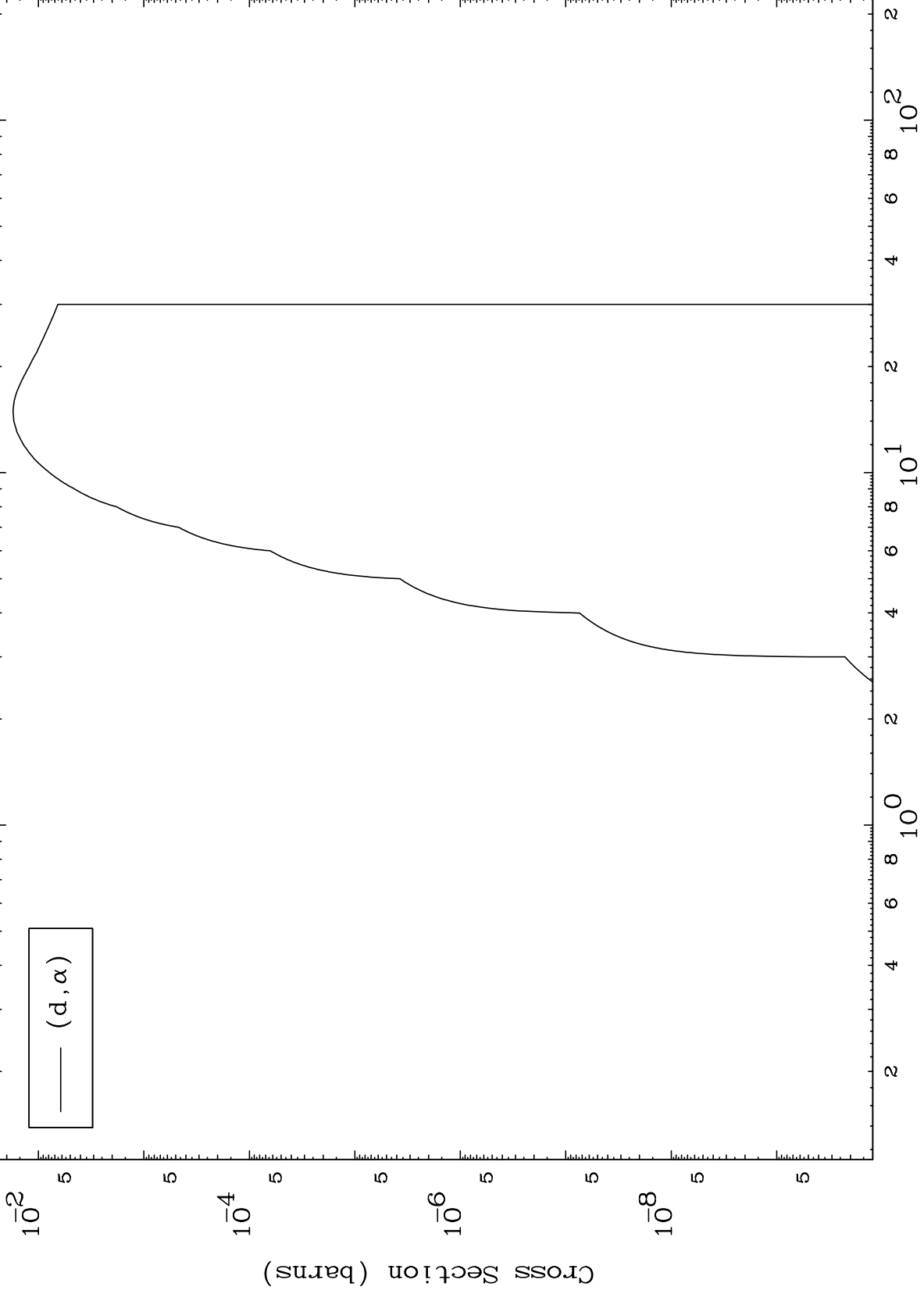
58-Ce-129

MAT 5804

(d, α) Levels

58-Ce-129

0 Kelvin Cross Sections

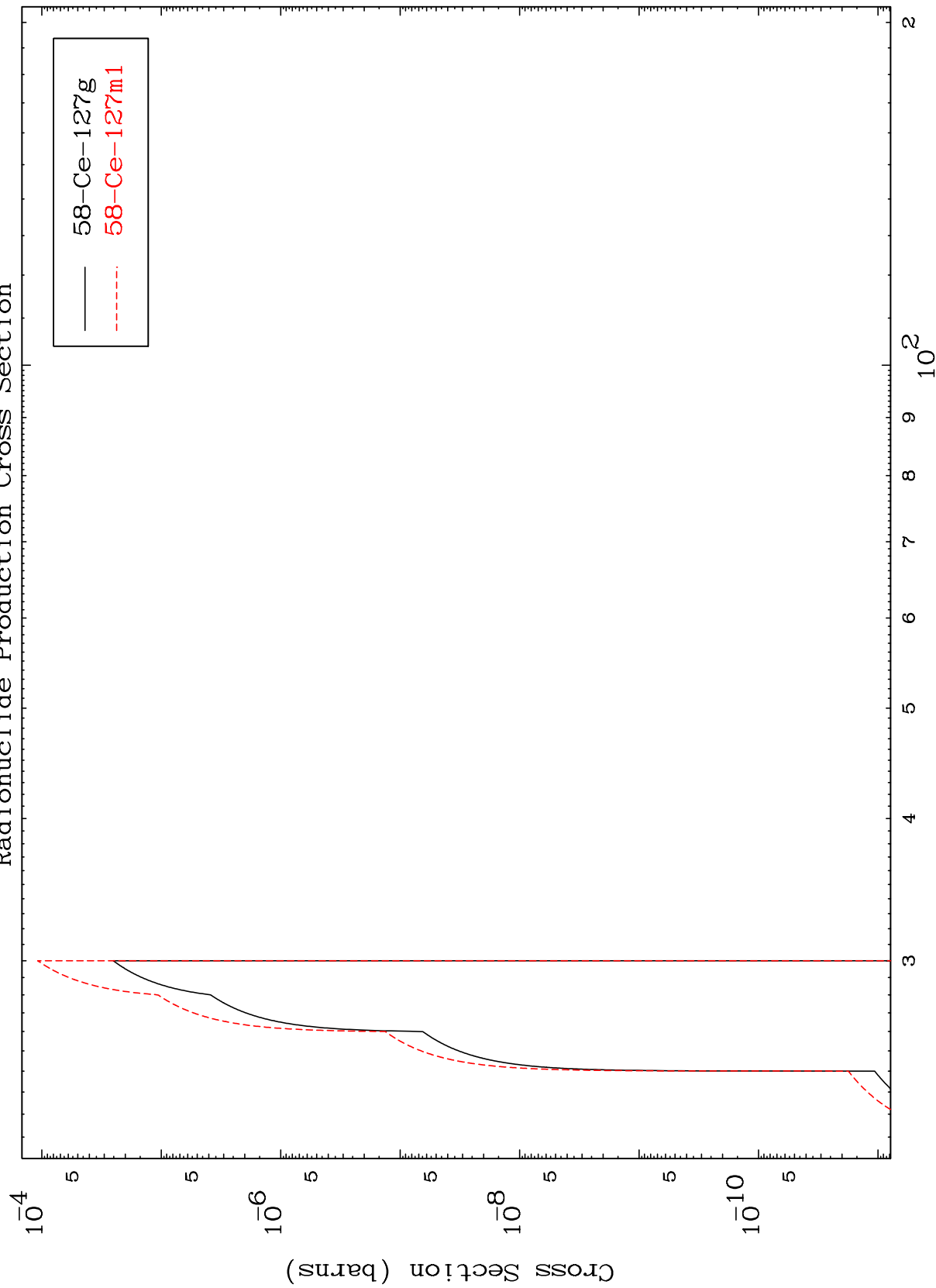


MAT 5804

(d,2n) d

58-Ce-129

Radionuclide Production Cross Section



12

Incident Energy (MeV)

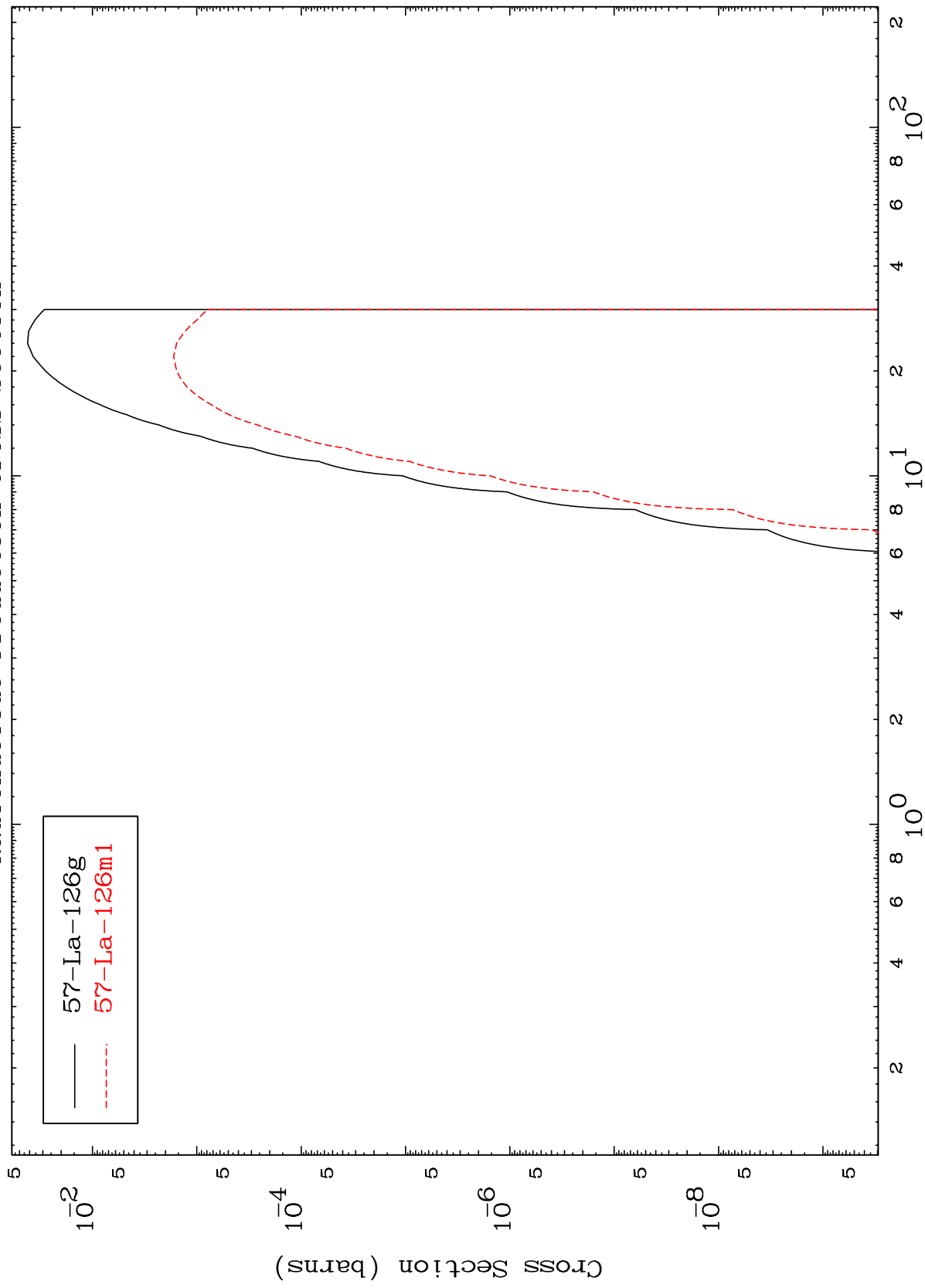
58-Ce-129

MAT 5804

(d,n') α

58-Ce-129

Radionuclide Production Cross Section



57-La-126g
57-La-126m1

58-Ce-129

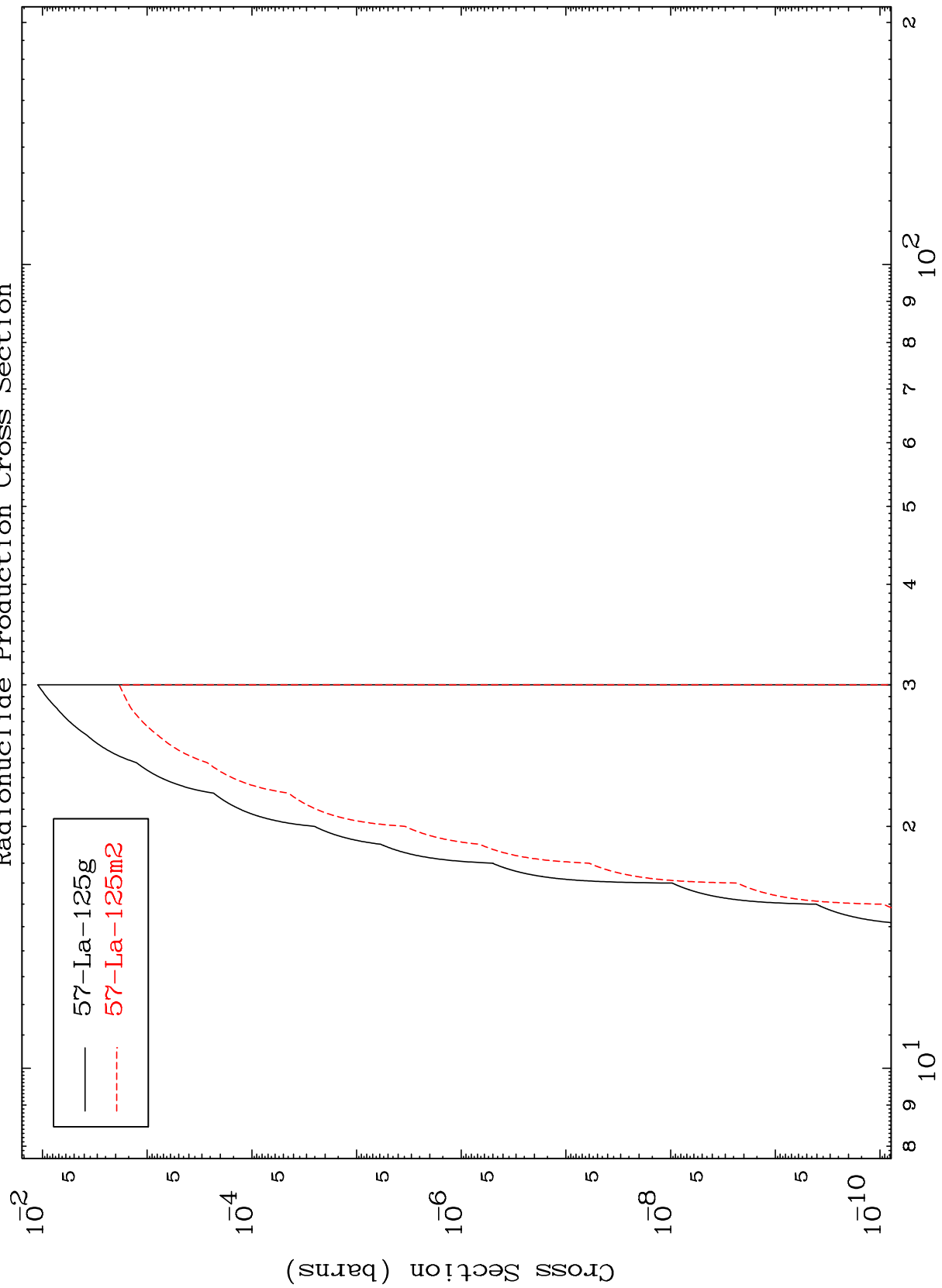
13

MAT 5804

(d,2n) α

58-Ce-129

Radionuclide Production Cross Section



14

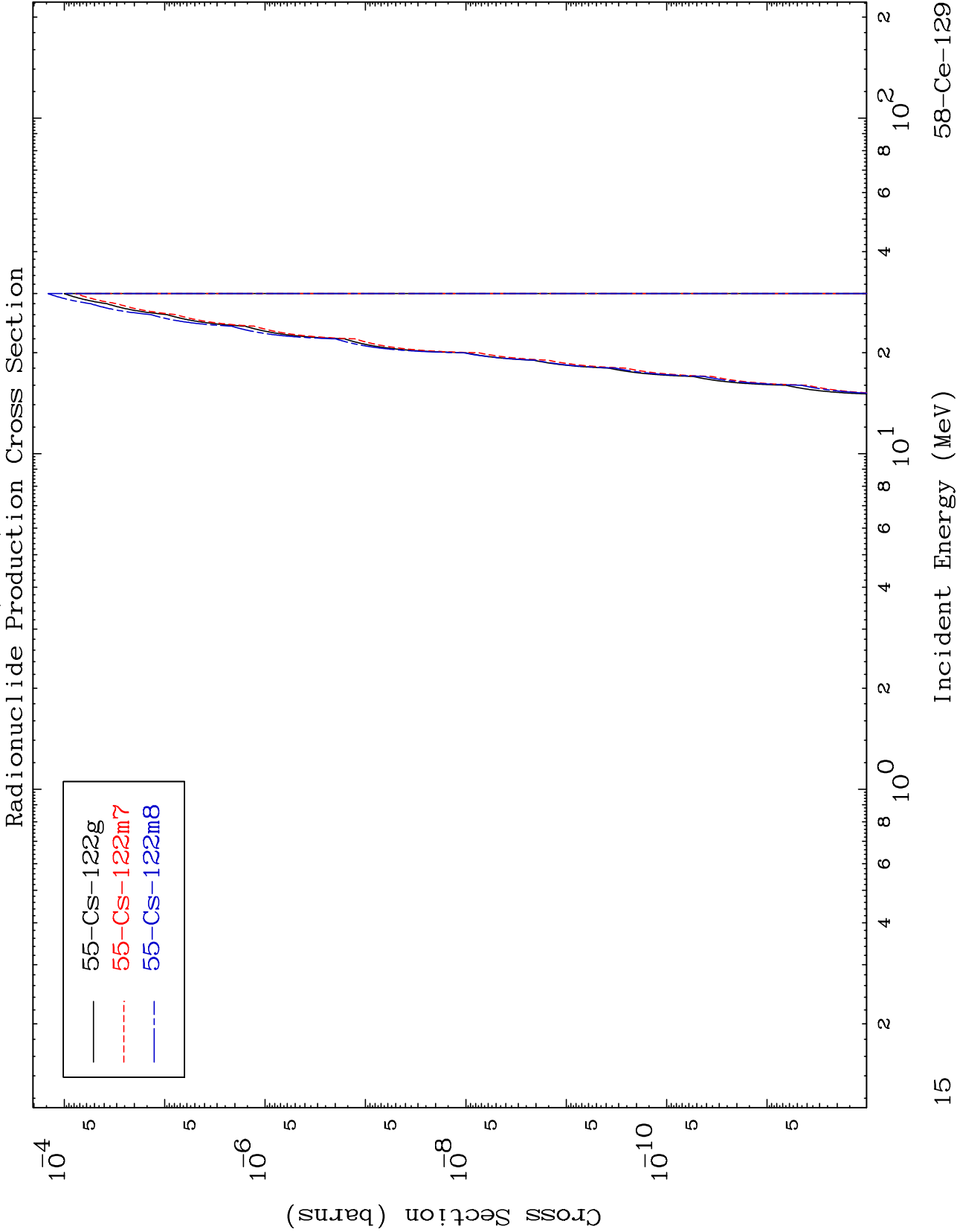
Incident Energy (MeV)

58-Ce-129

MAT 5804

(d,n') 2α

58-Ce-129

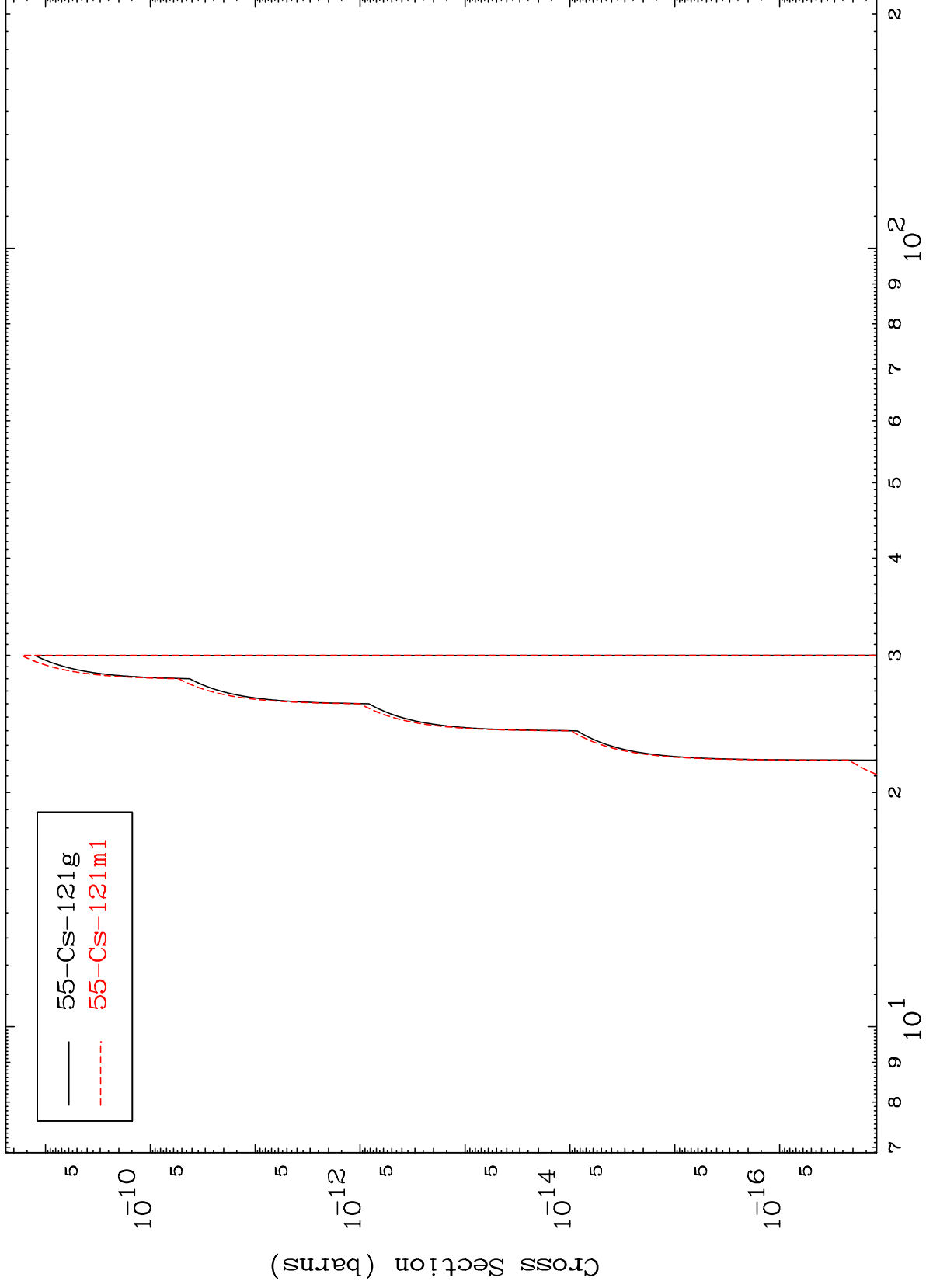


MAT 5804

$(d,2n) 2\alpha$

58-Ce-129

Radionuclide Production Cross Section



16

Incident Energy (MeV)

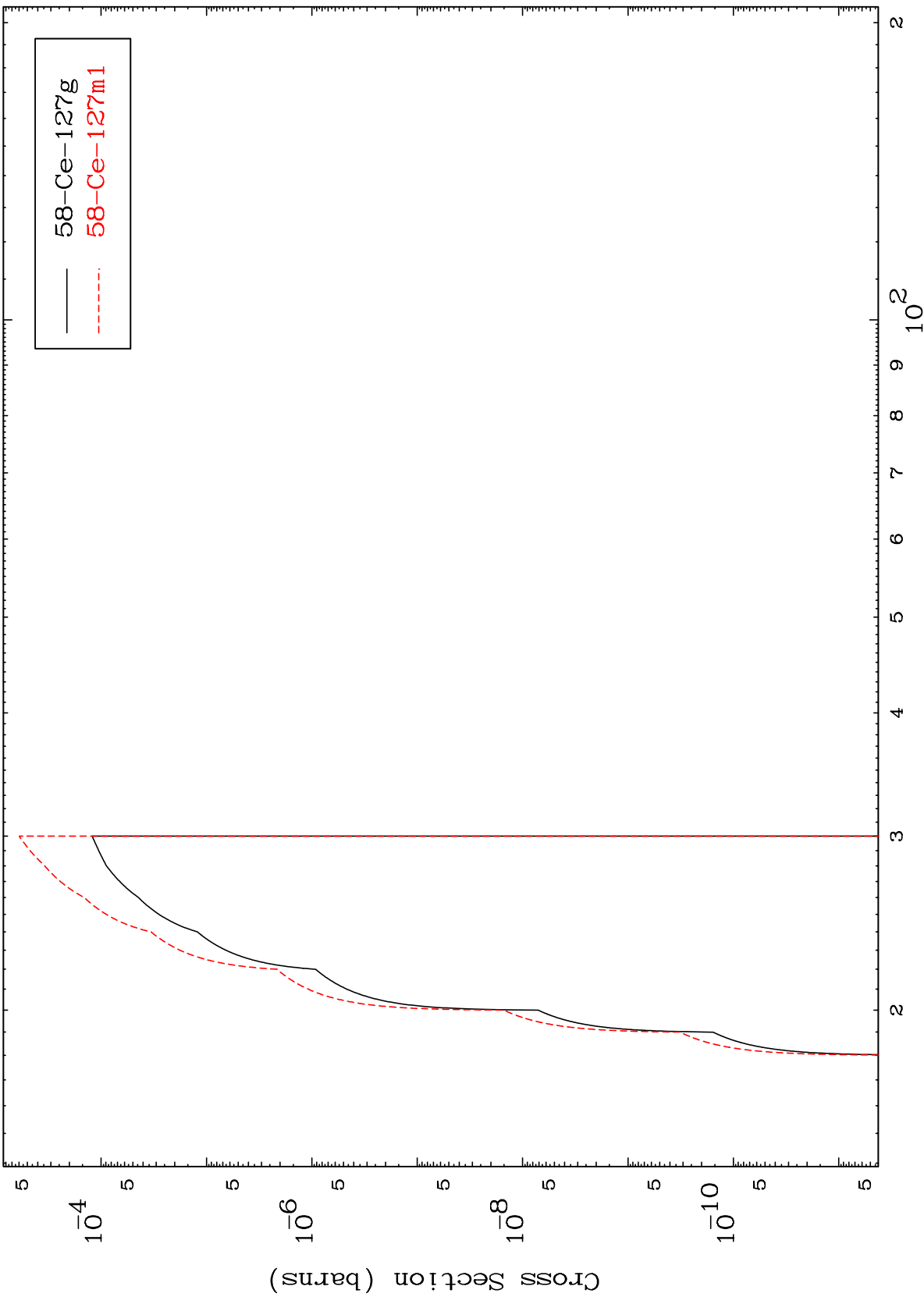
58-Ce-129

MAT 5804

(d,n') t

58-Ce-129

Radionuclide Production Cross Section



17

Incident Energy (MeV)

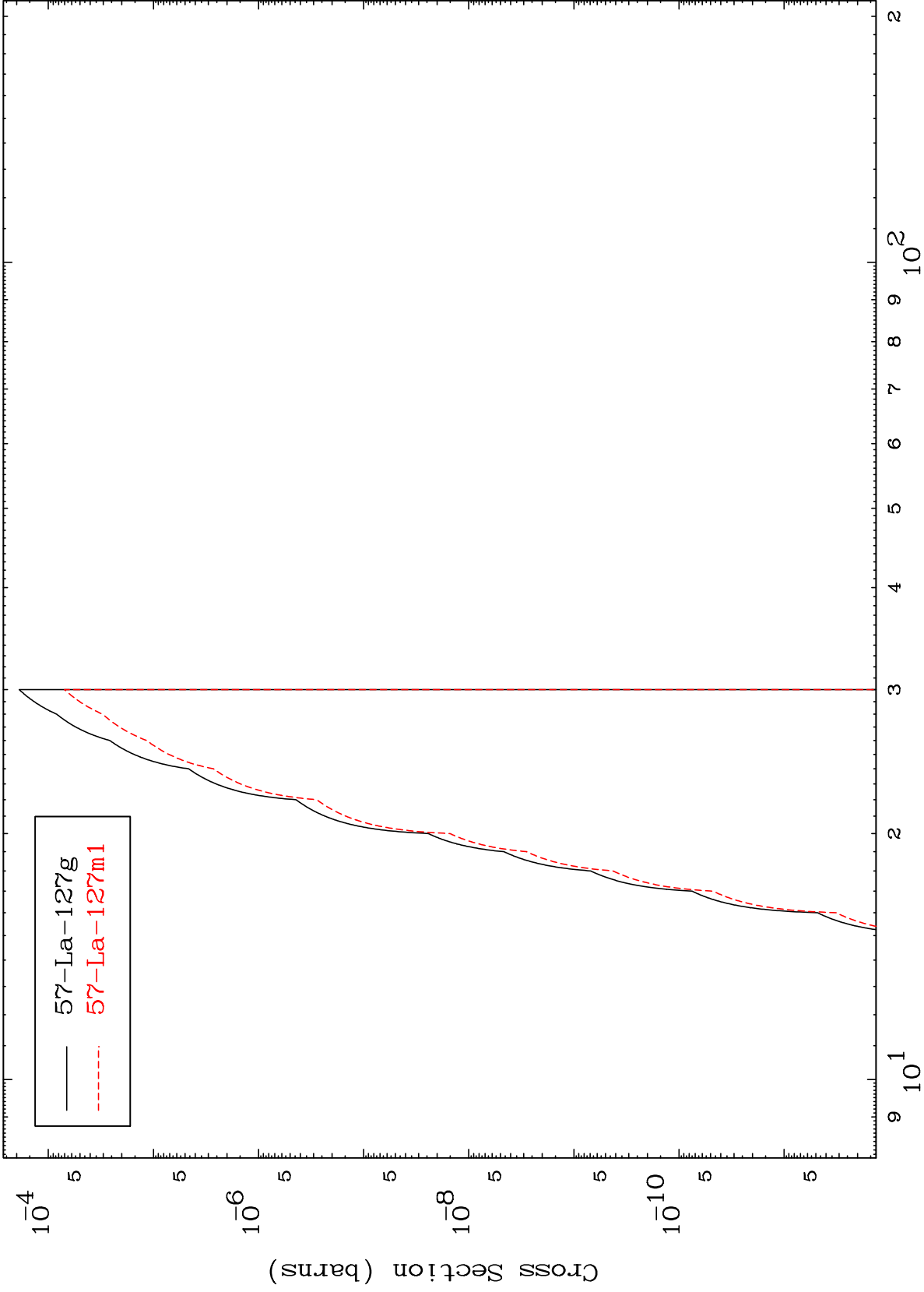
58-Ce-129

MAT 5804

(d,n') He-3

58-Ce-129

Radionuclide Production Cross Section



18

Incident Energy (MeV)

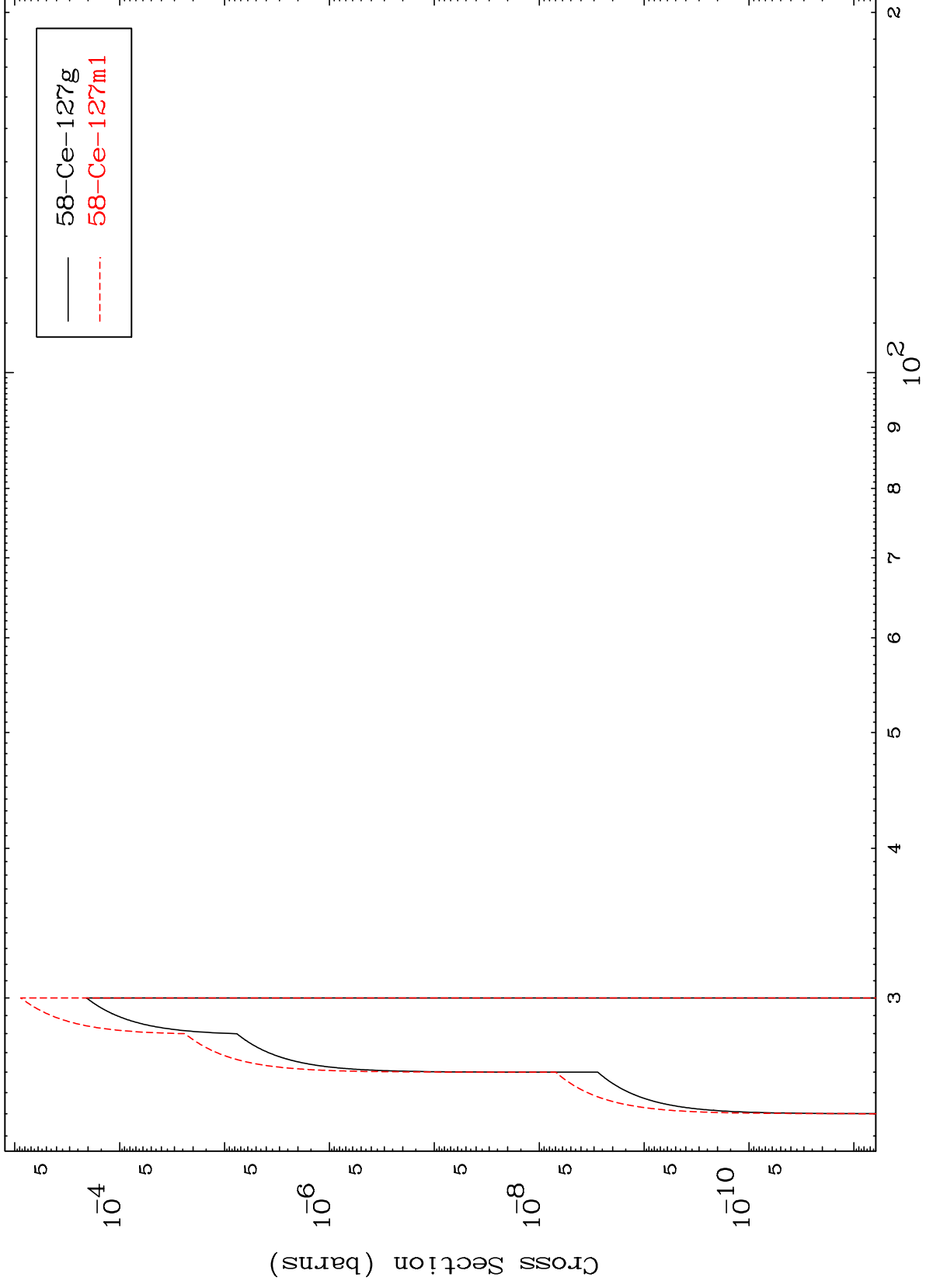
58-Ce-129

MAT 5804

(d,3n) p

58-Ce-129

Radionuclide Production Cross Section



19

Incident Energy (MeV)

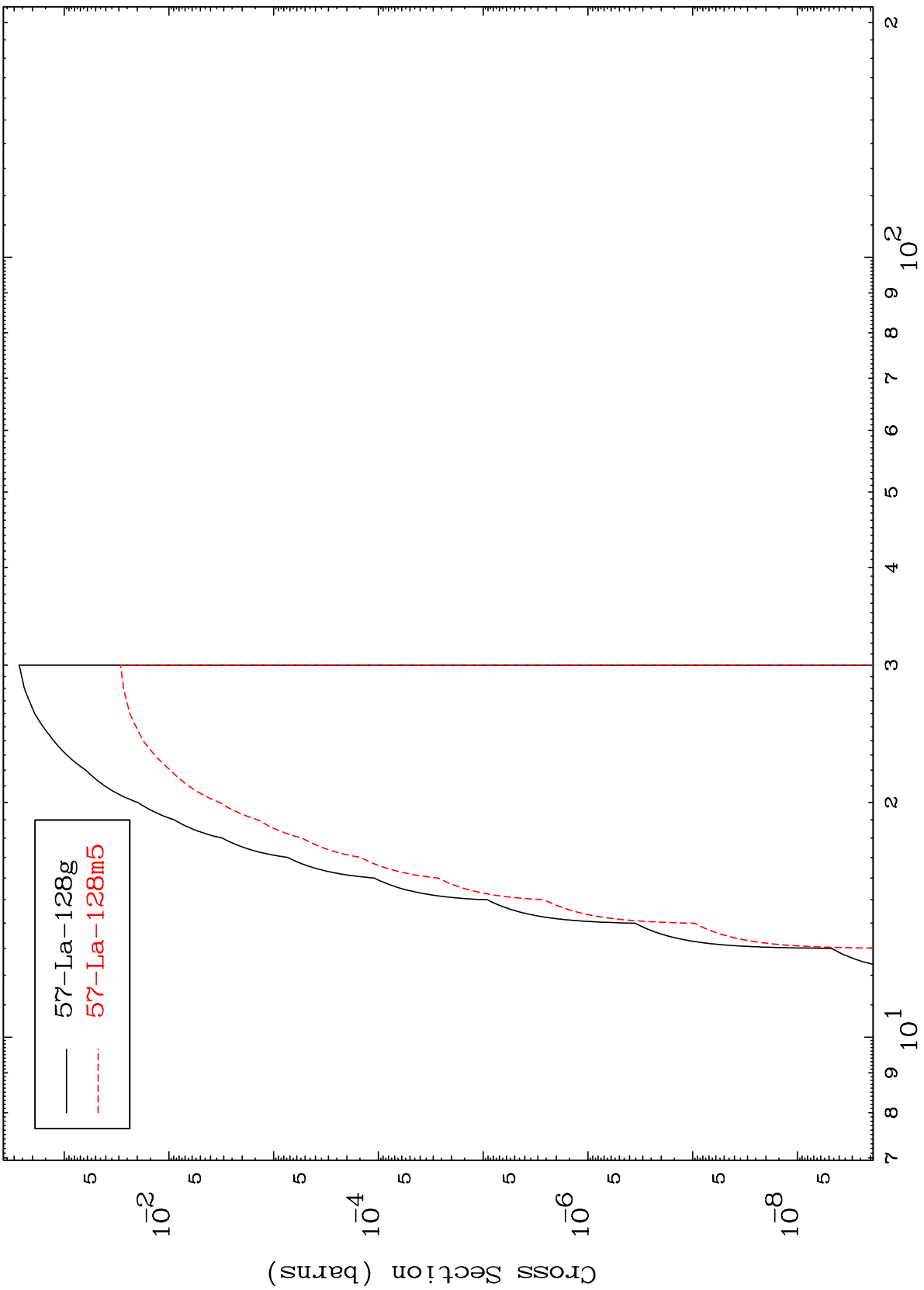
58-Ce-129

MAT 5804

(d,2n) p

58-Ce-129

Radionuclide Production Cross Section



57-La-128g
57-La-128m5

20

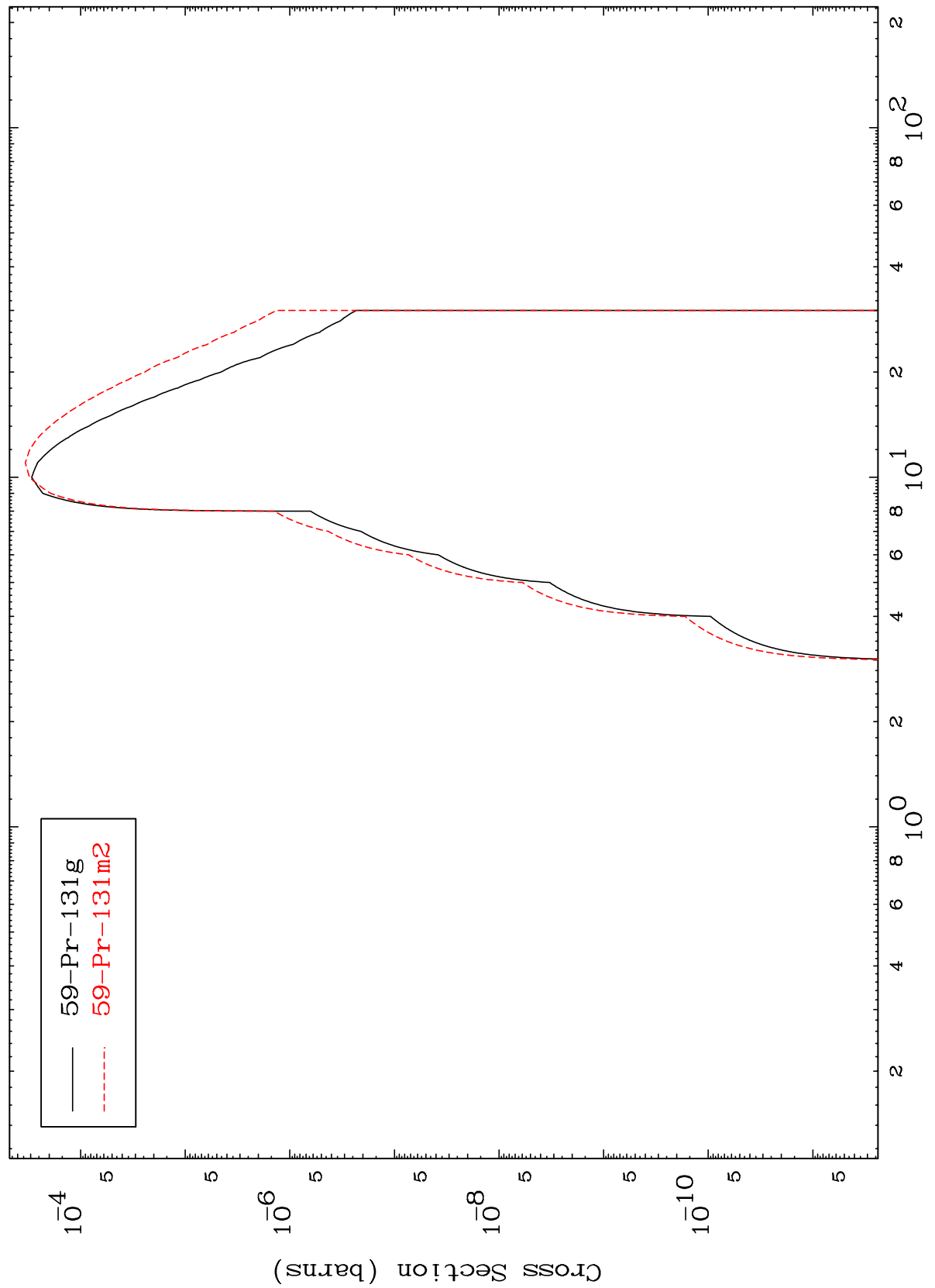
Incident Energy (MeV)

58-Ce-129

MAT 5804

58-Ce-129

(d, γ)
Radionuclide Production Cross Section



58-Ce-129

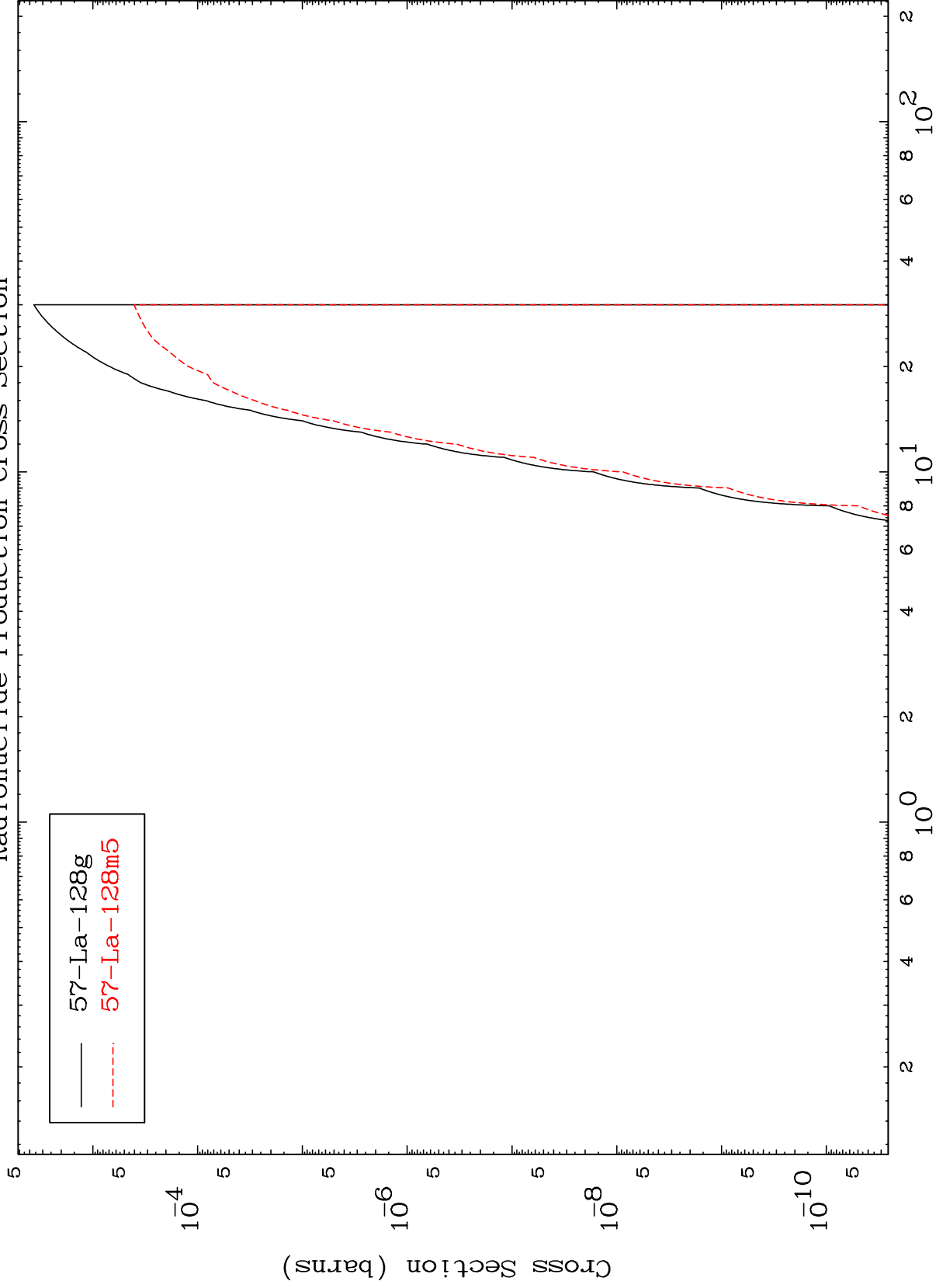
Incident Energy (MeV)

MAT 5804

(d,He-3)

58-Ce-129

Radionuclide Production Cross Section



22

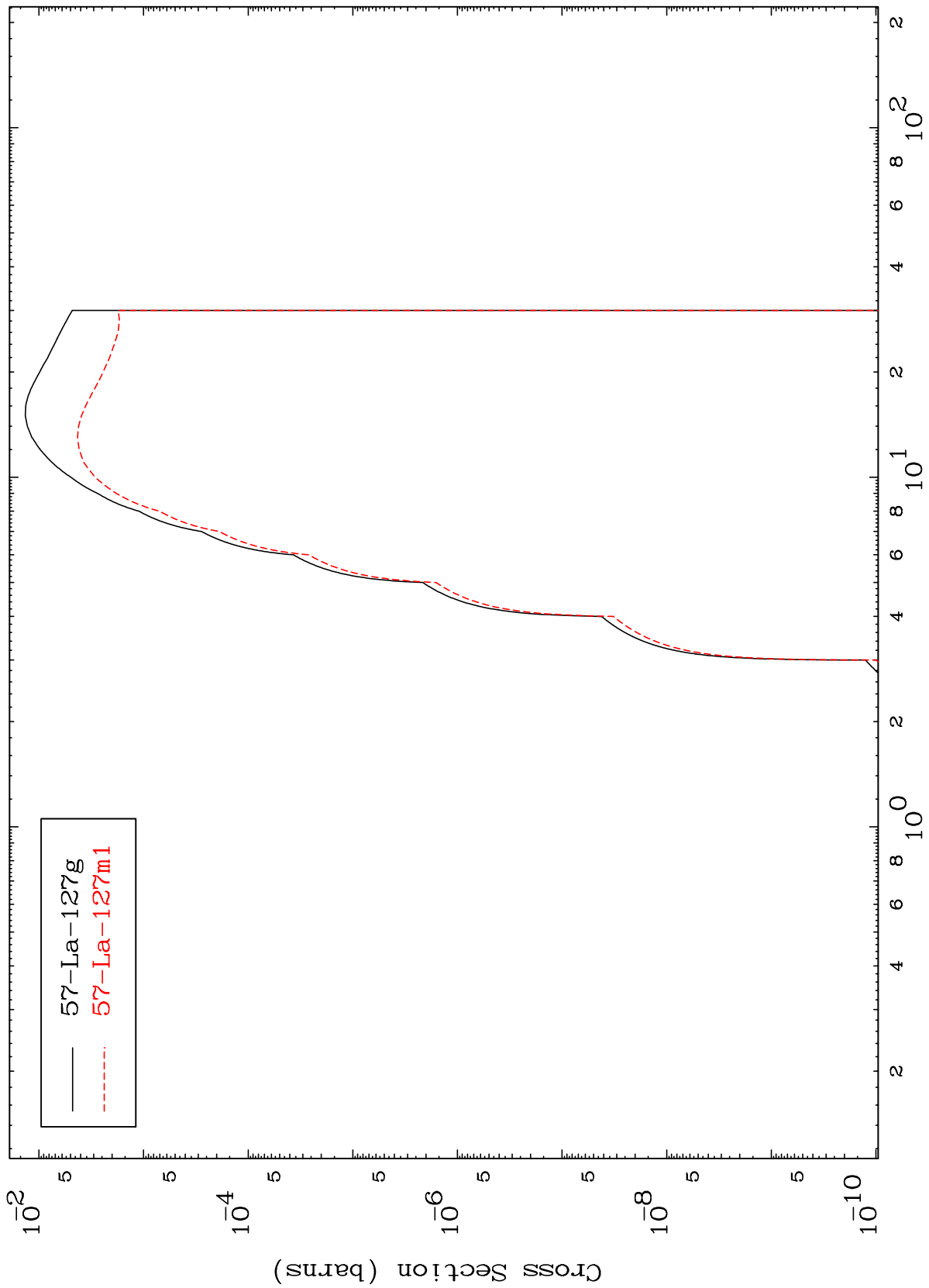
Incident Energy (MeV)

58-Ce-129

MAT 5804

58-Ce-129

(d, α)
Radionuclide Production Cross Section



58-Ce-129

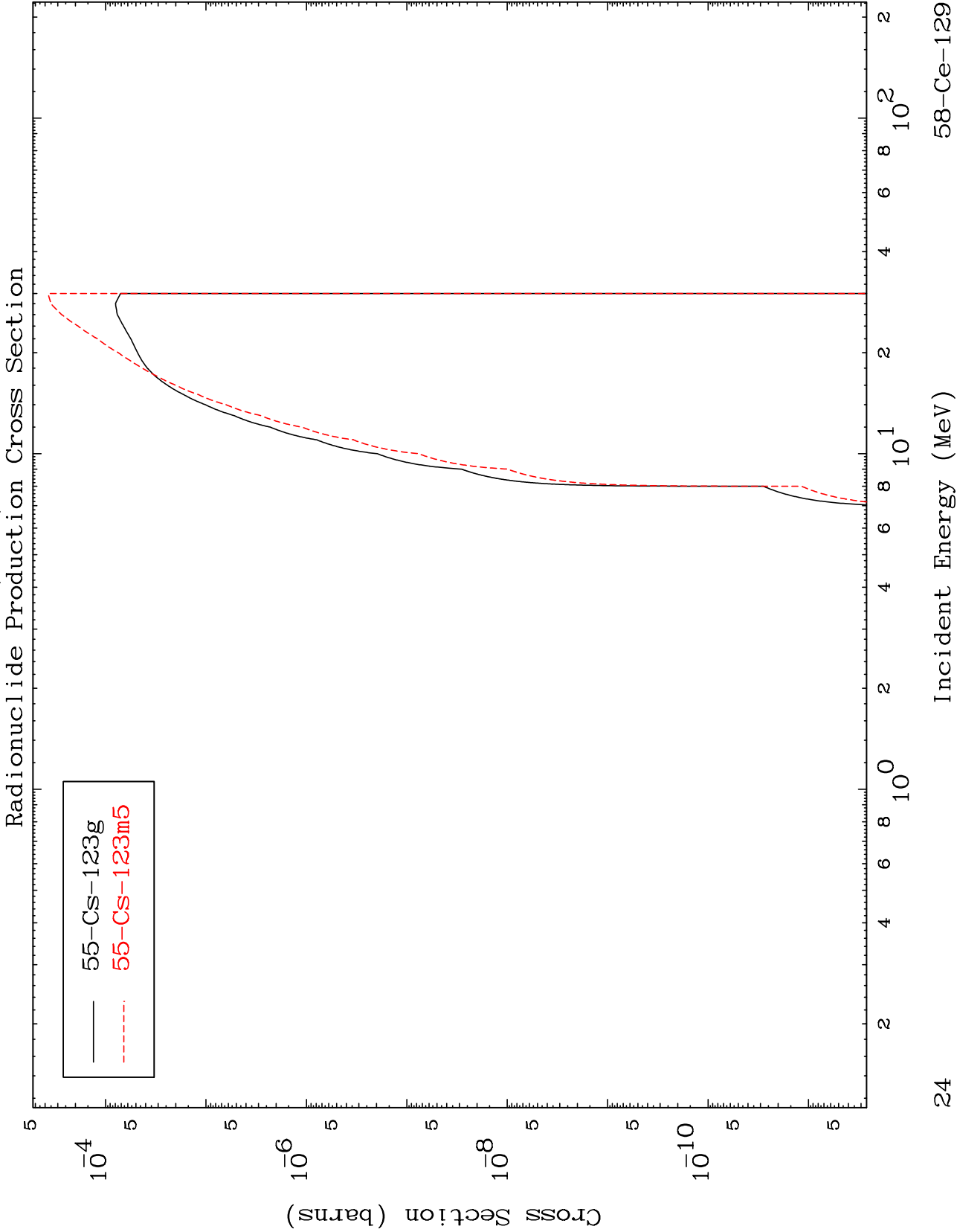
Incident Energy (MeV)

23

MAT 5804

(d,2 α)

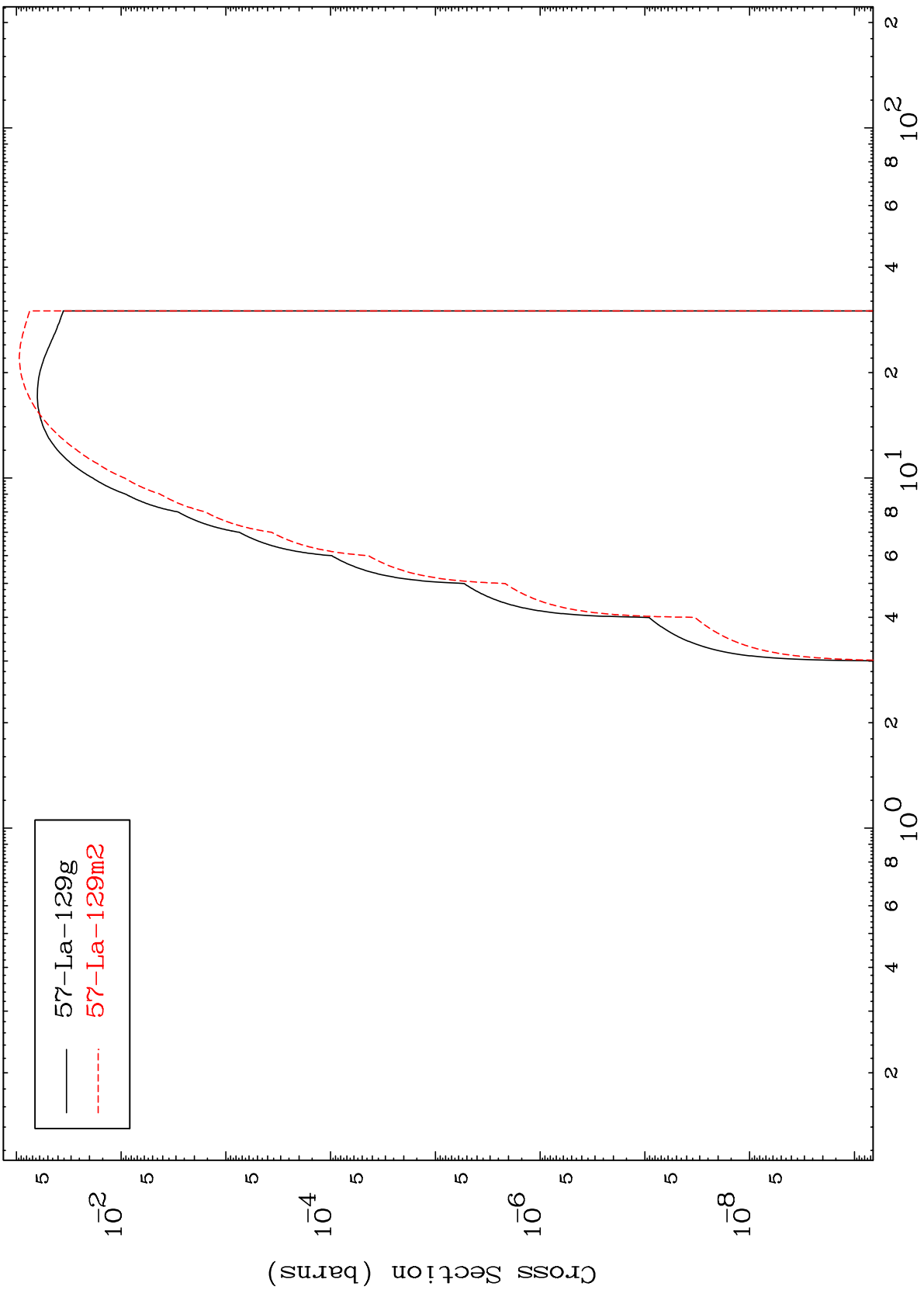
58-Ce-129



MAT 5804

58-Ce-129

(d,2p)
Radionuclide Production Cross Section



— 57-La-129g
- - - 57-La-129m2

58-Ce-129

Incident Energy (MeV)

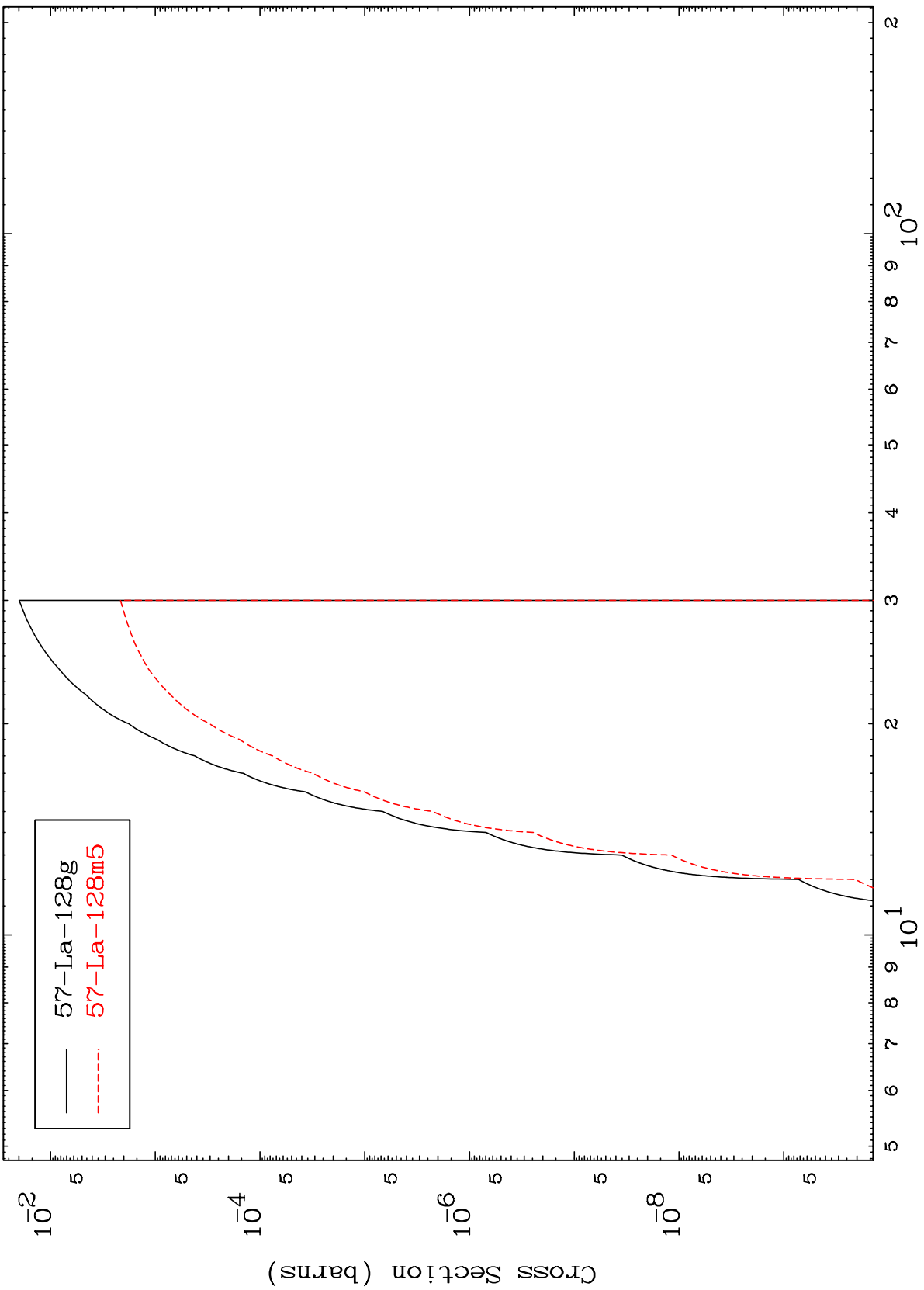
25

MAT 5804

(d,p) d

58-Ce-129

Radionuclide Production Cross Section



26

Incident Energy (MeV)

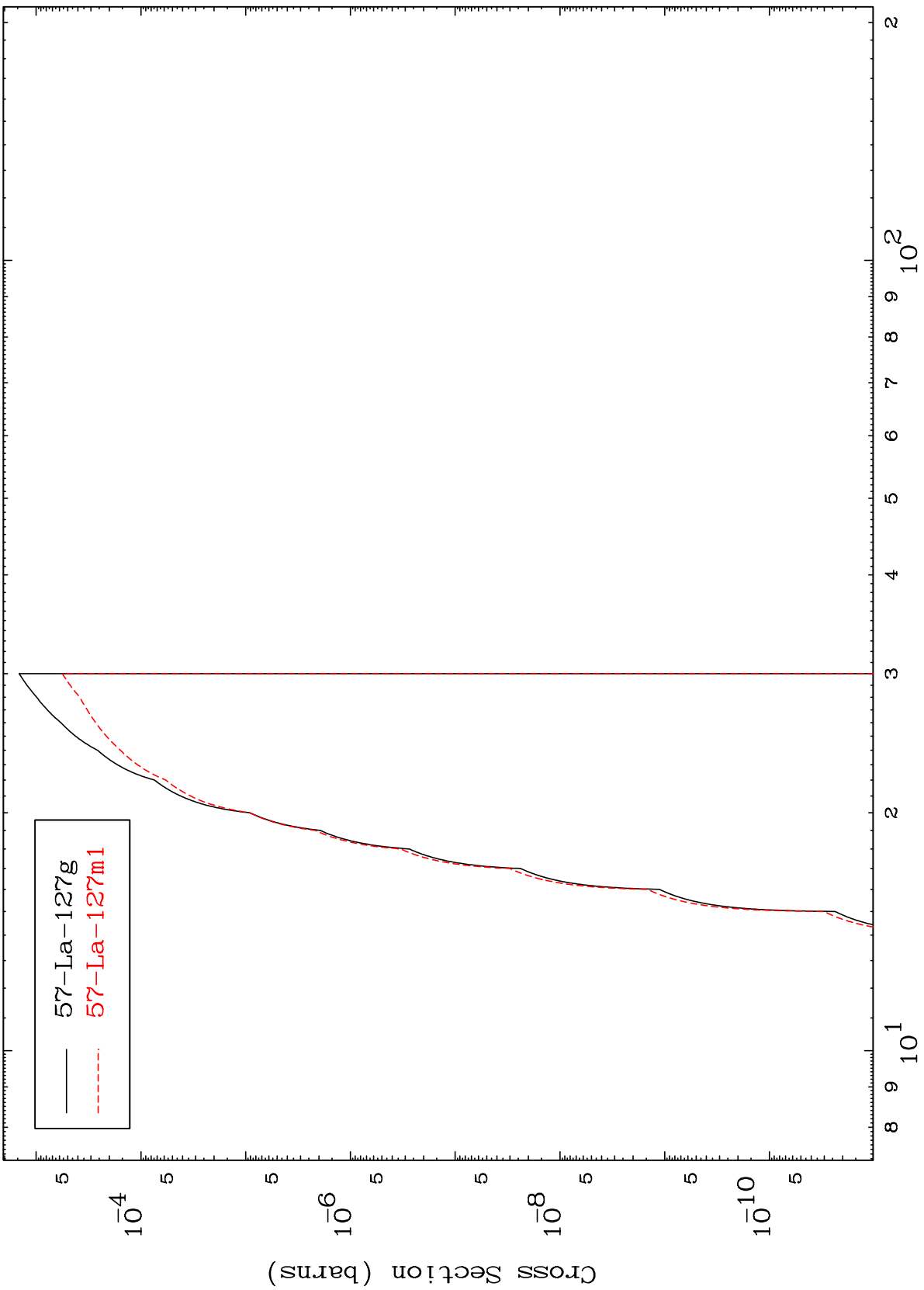
58-Ce-129

MAT 5804

(d,p) t

58-Ce-129

Radionuclide Production Cross Section



27

Incident Energy (MeV)

58-Ce-129