

Program EVALPLOT
(Version 2021-1)

by

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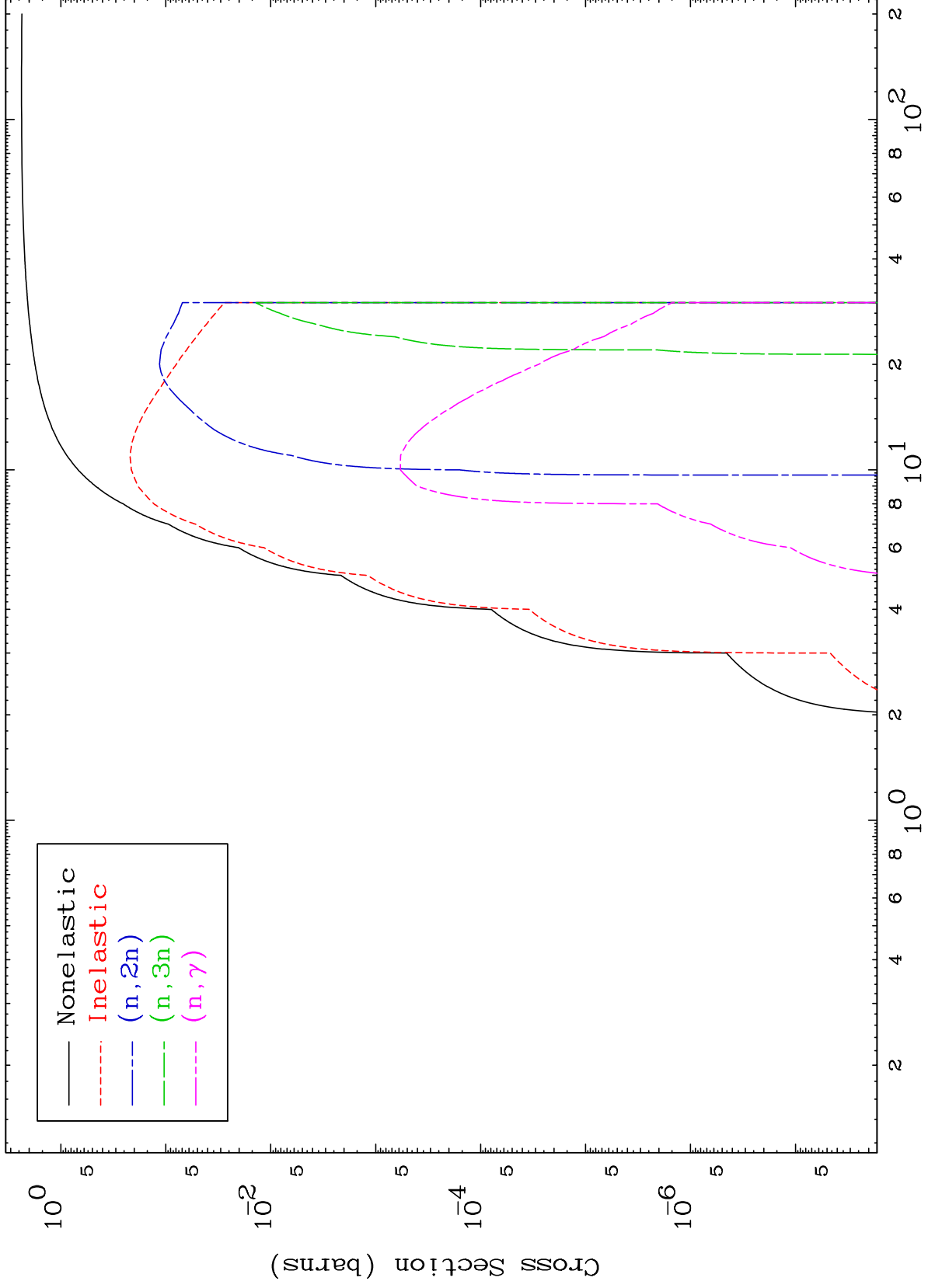
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5804

Deuteron Major
0 Kelvin Cross Sections

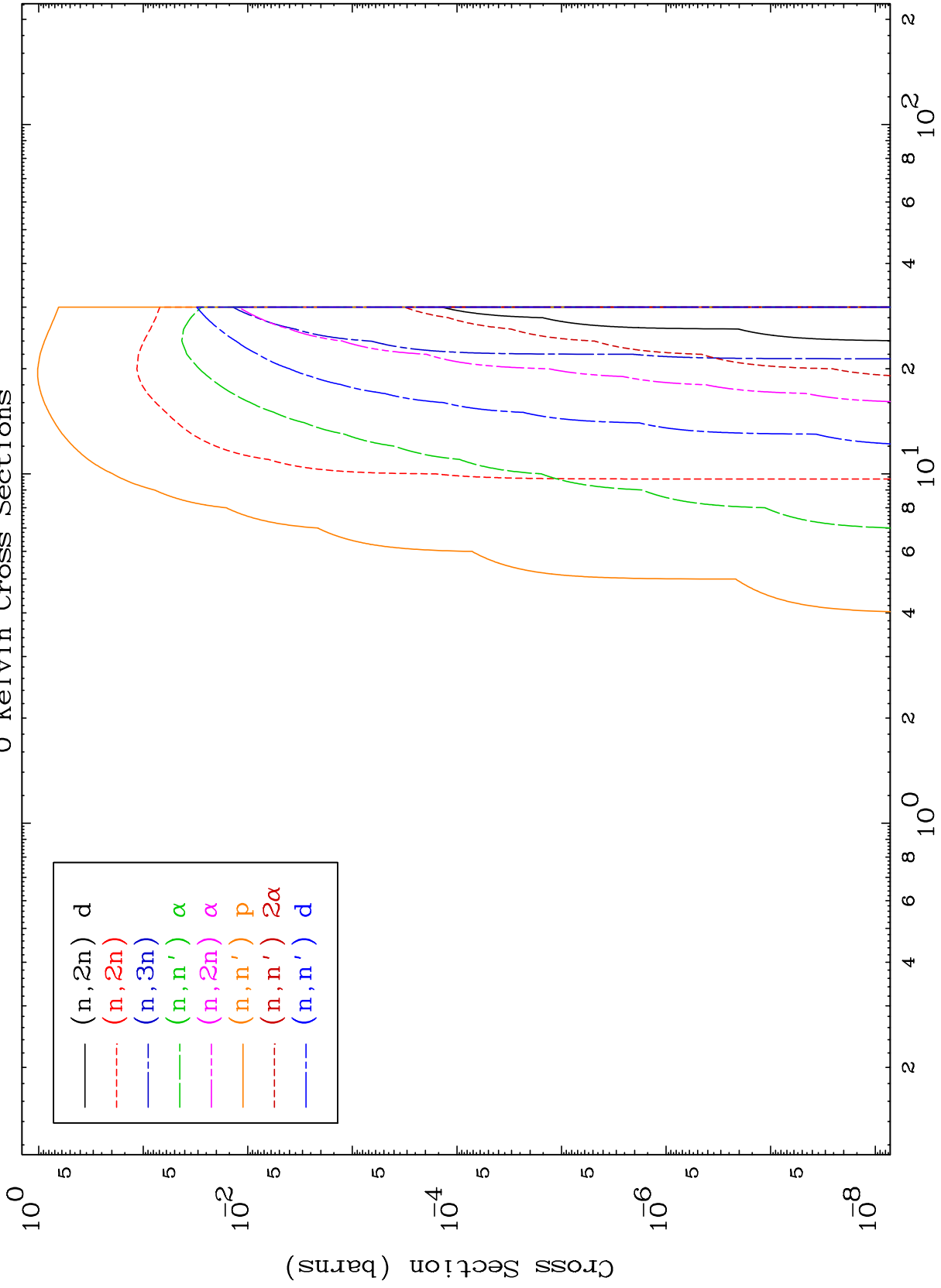
58-Ce-129

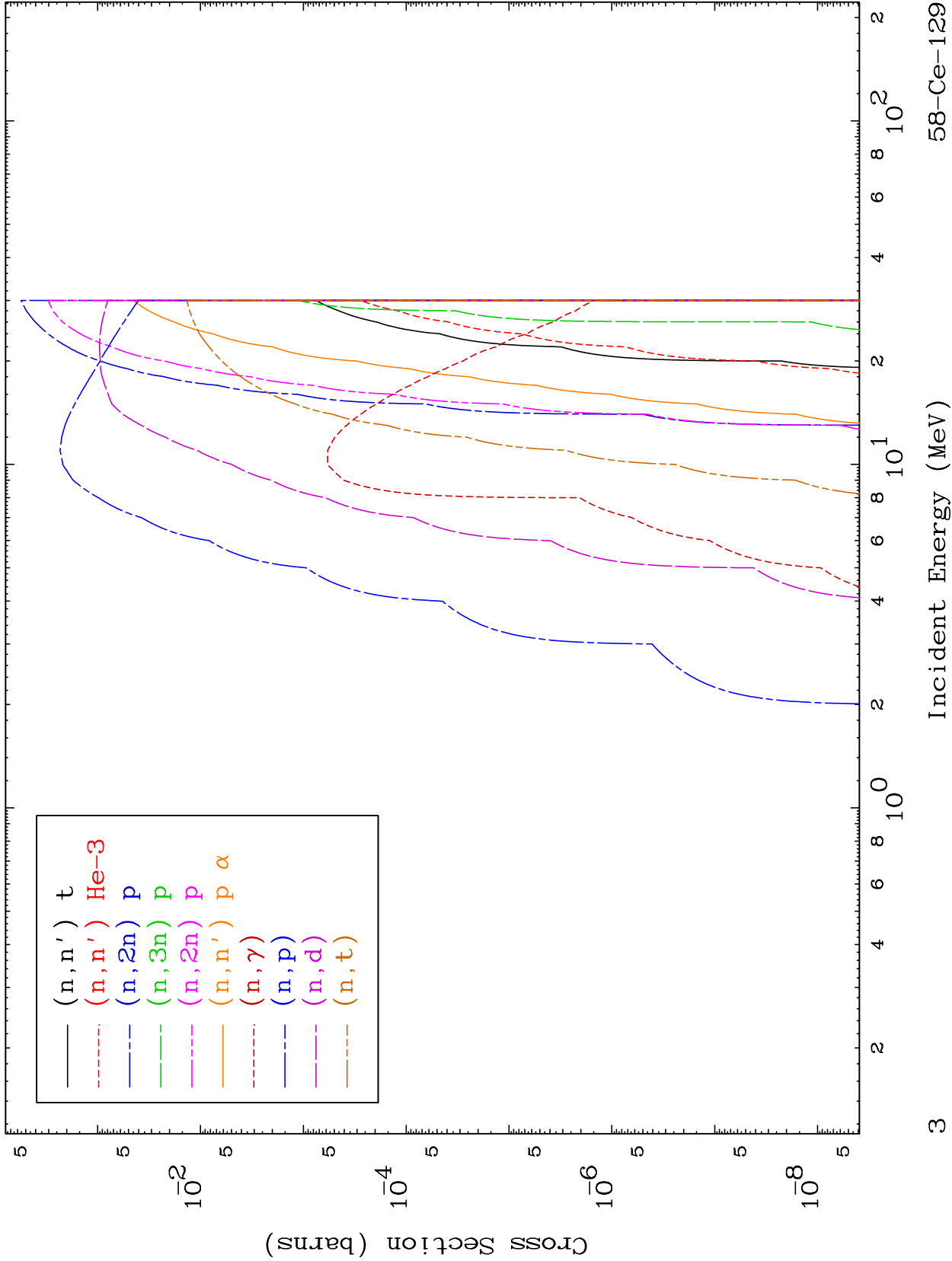


MAT 5804

Deuteron Neutron Absorption
0 Kelvin Cross Sections

58-Ce-129

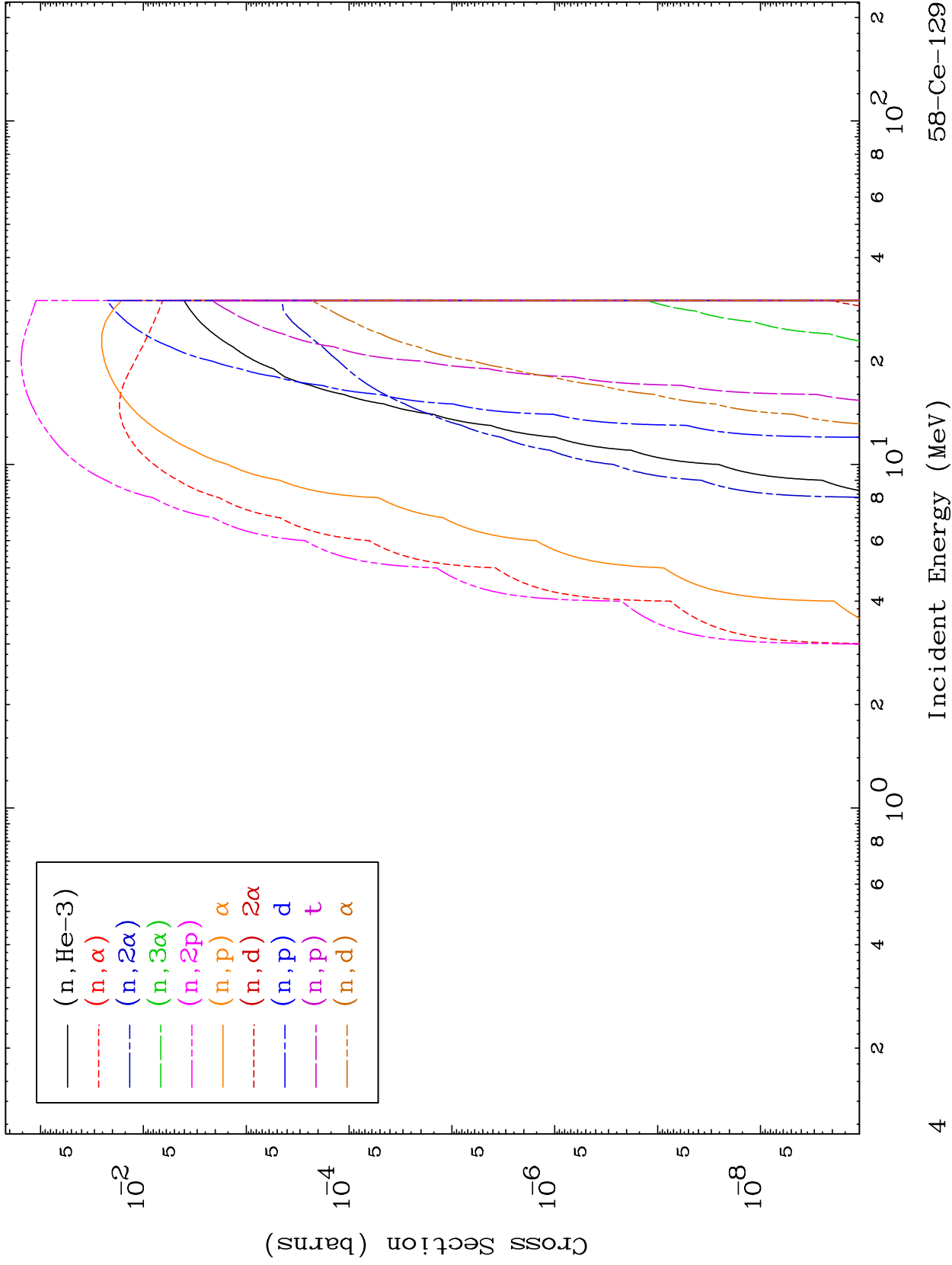


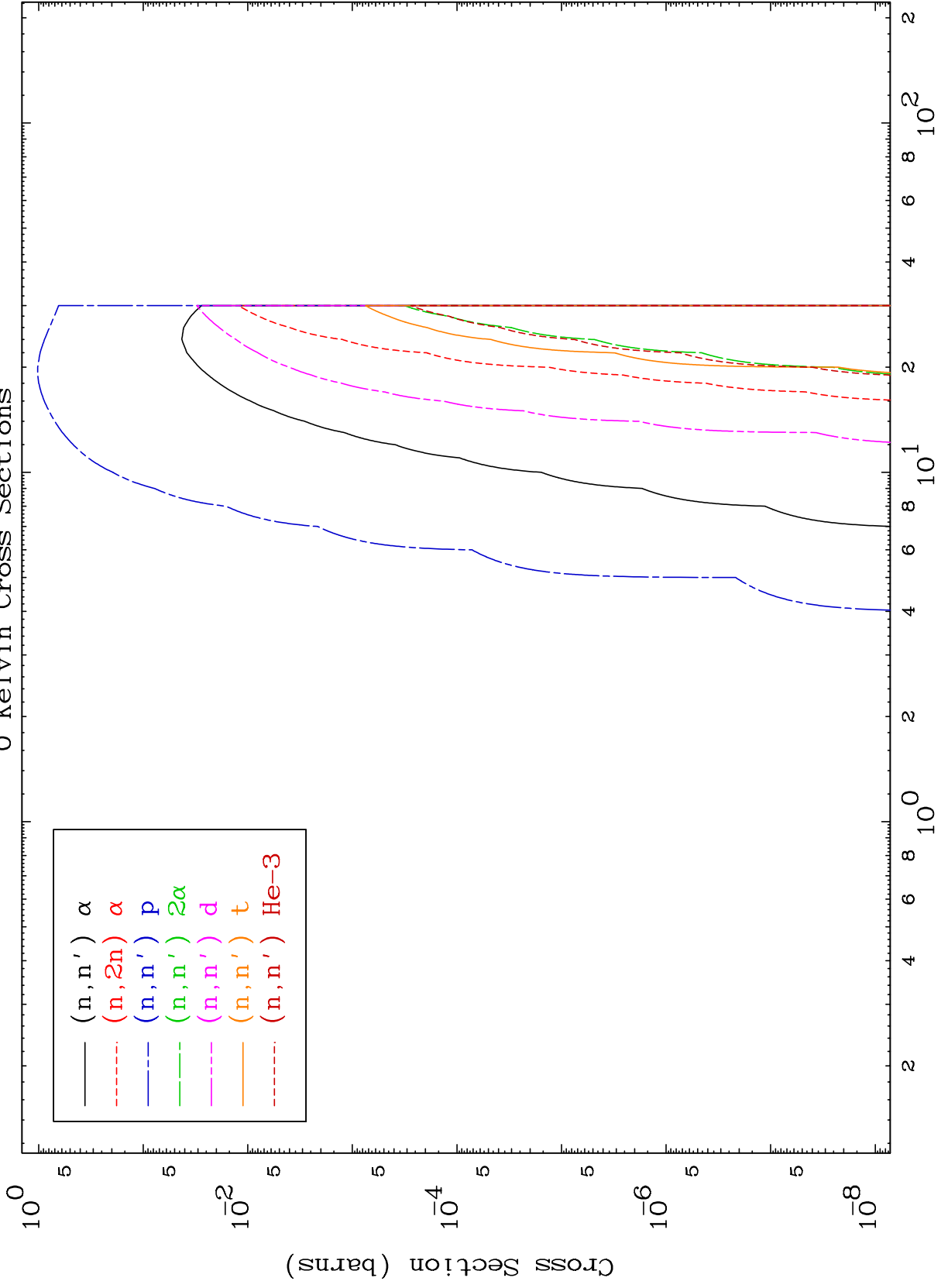


MAT 5804

Deuteron Neutron Absorption
0 Kelvin Cross Sections

58-Ce-129

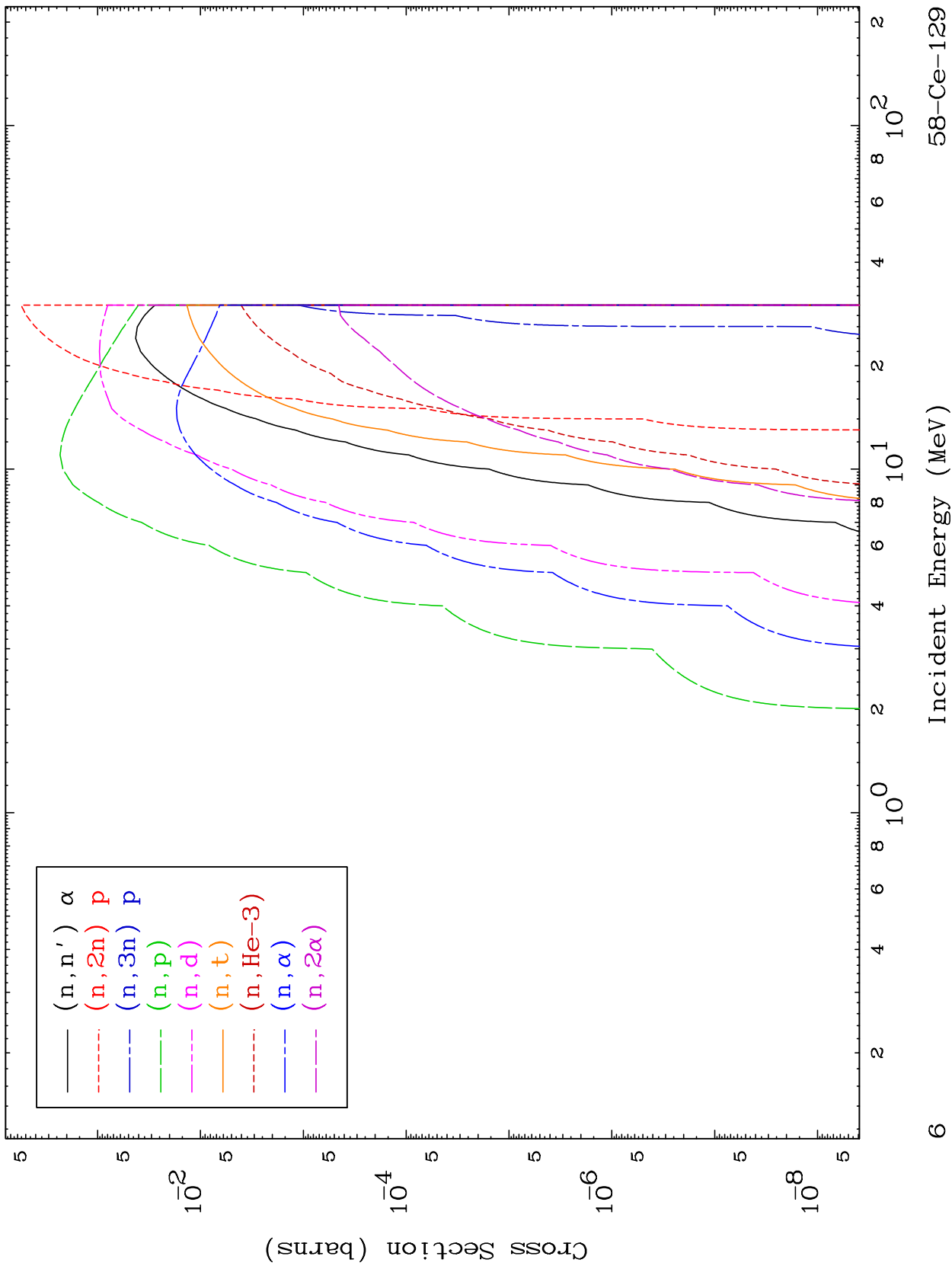




MAT 5804

Deuteron Charged Particle
0 Kelvin Cross Sections

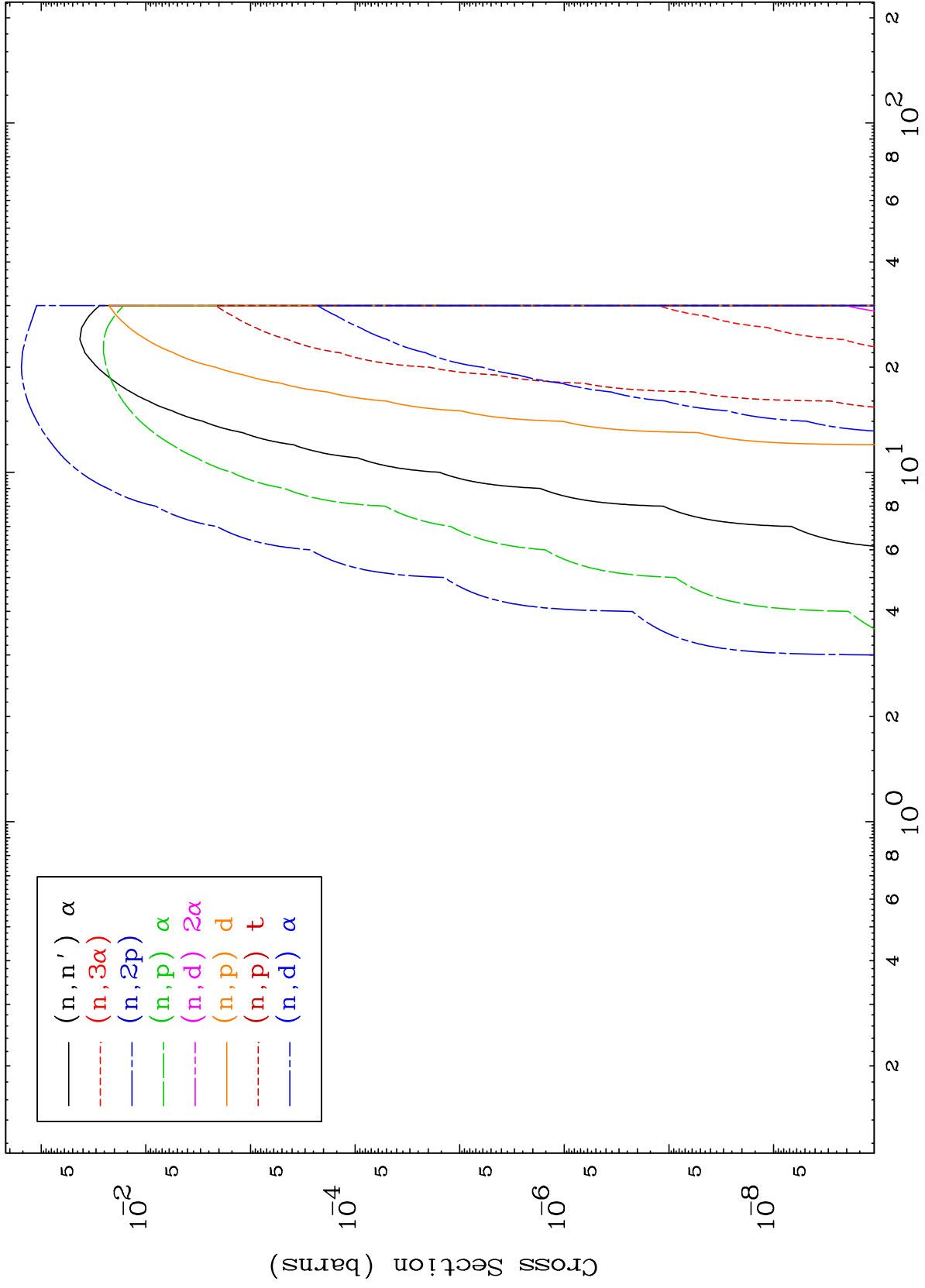
58-Ce-129



MAT 5804

Deuteron Charged Particle
0 Kelvin Cross Sections

58-Ce-129

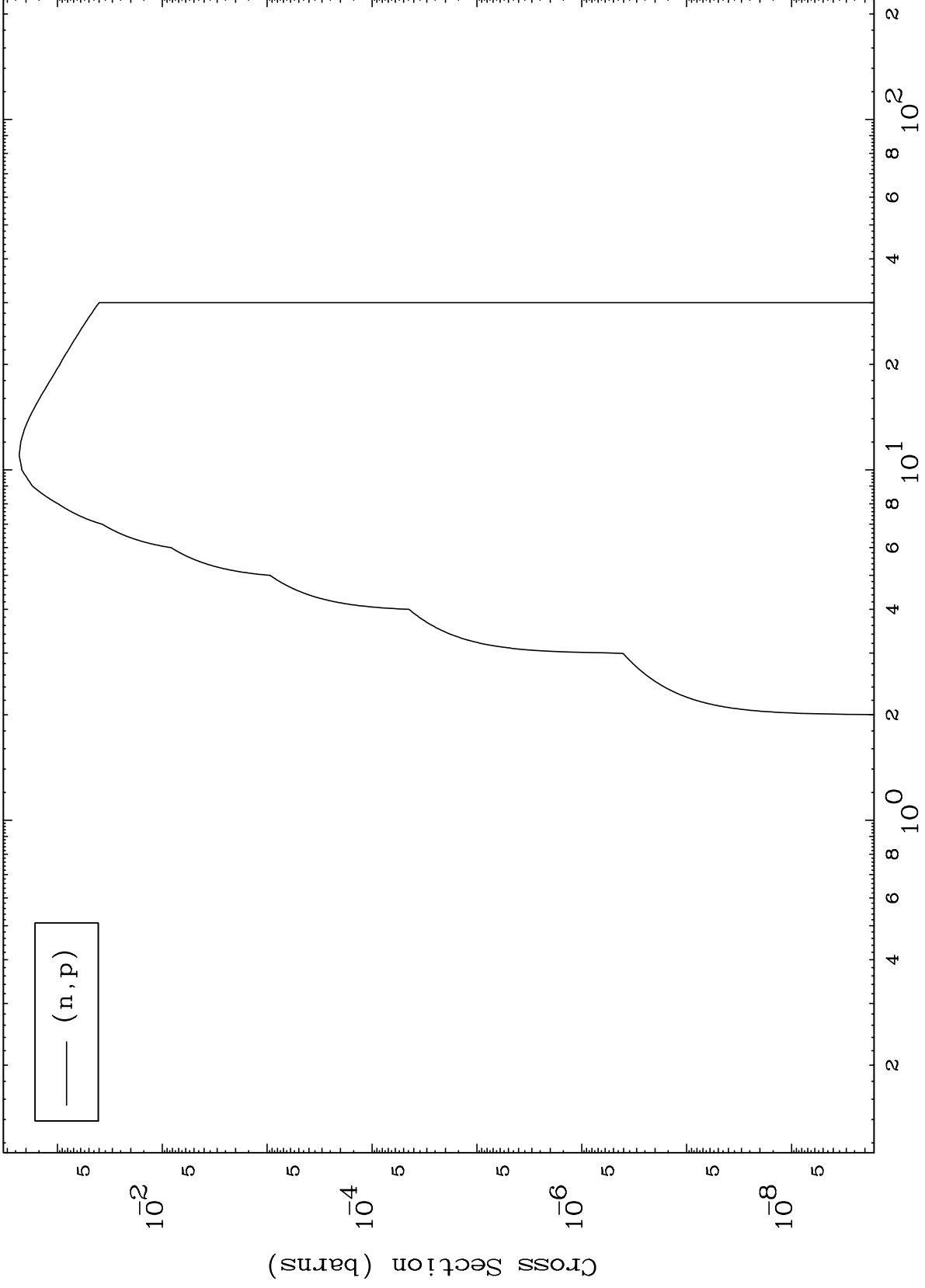


MAT 5804

(d,p) Levels

58-Ce-129

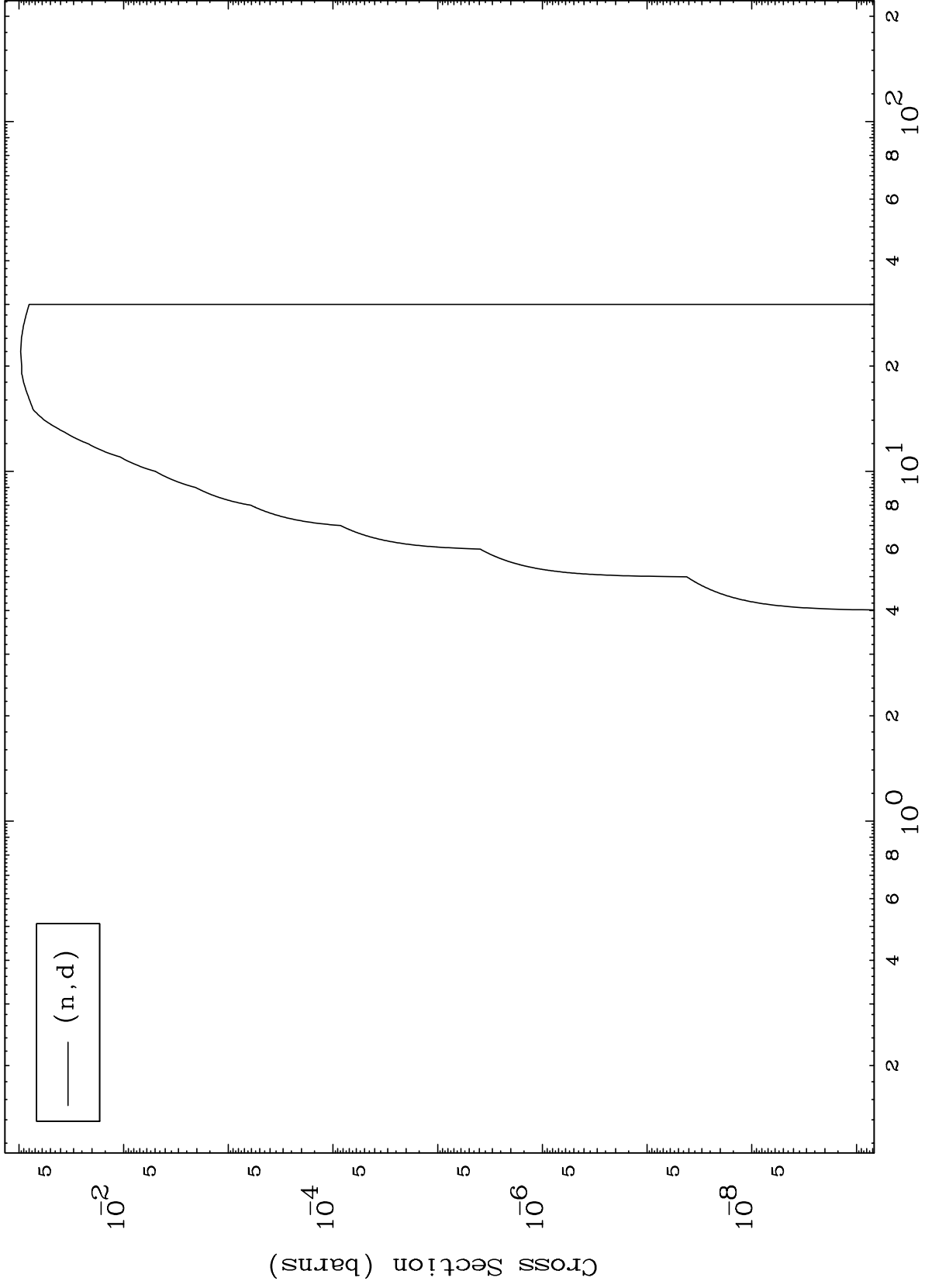
0 Kelvin Cross Sections



MAT 5804

(d,d) Levels
0 Kelvin Cross Sections

58-Ce-129

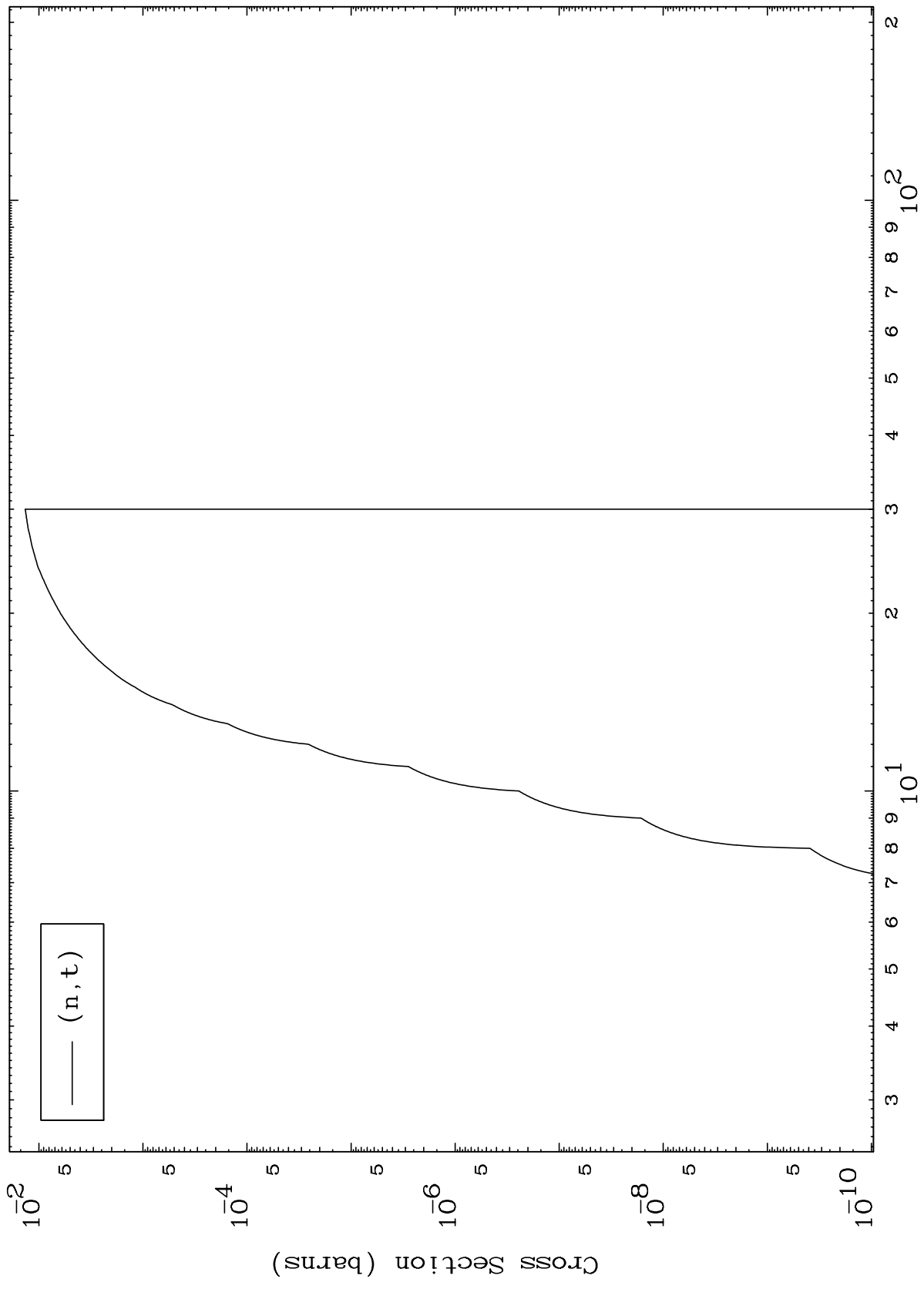


MAT 5804

(d,t) Levels

58-Ce-129

0 Kelvin Cross Sections



10

Incident Energy (MeV)

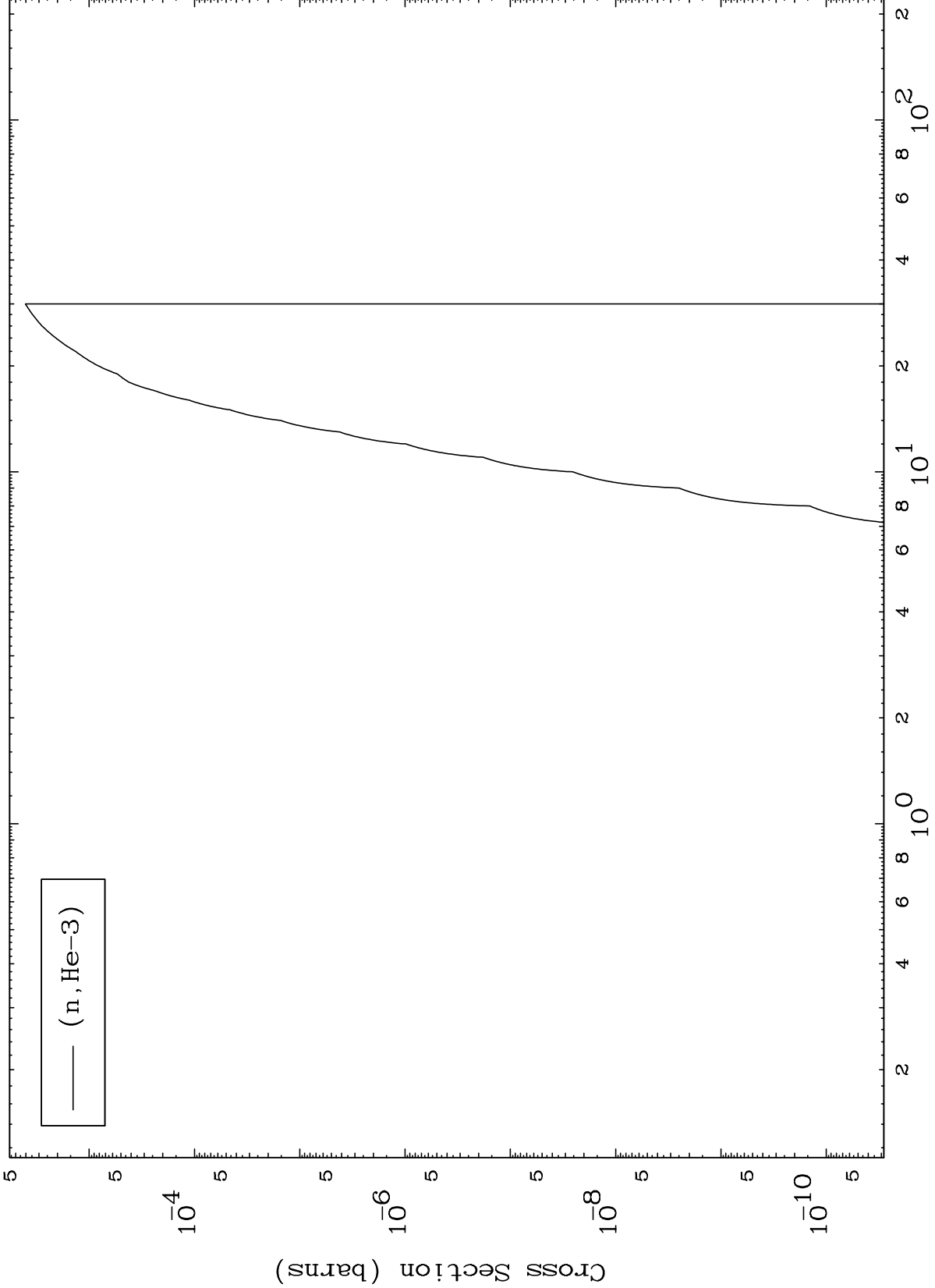
58-Ce-129

MAT 5804

(d,He3) Levels

58-Ce-129

0 Kelvin Cross Sections

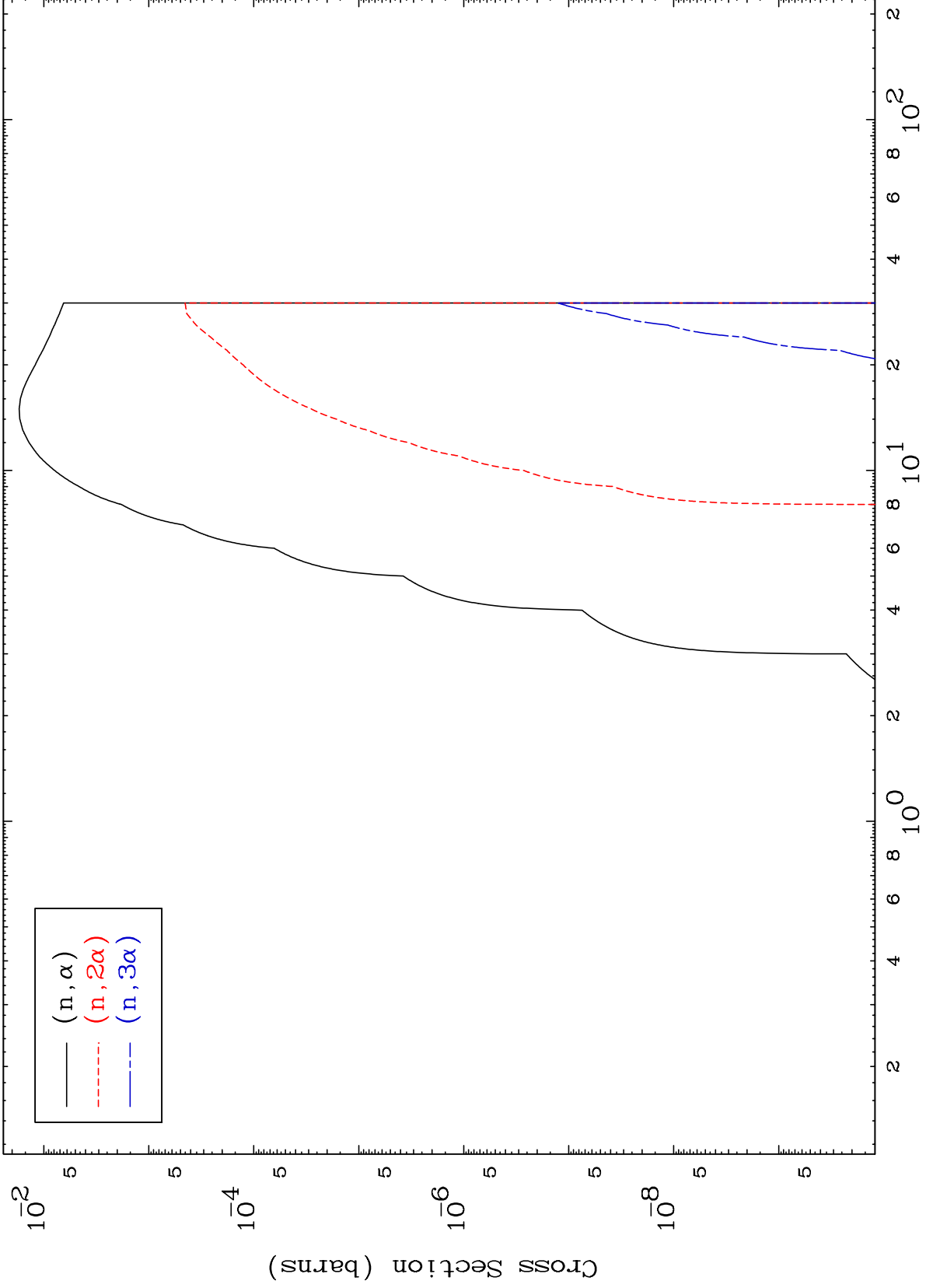


MAT 5804

(d, α) Levels

58-Ce-129

0 Kelvin Cross Sections



12

Incident Energy (MeV)

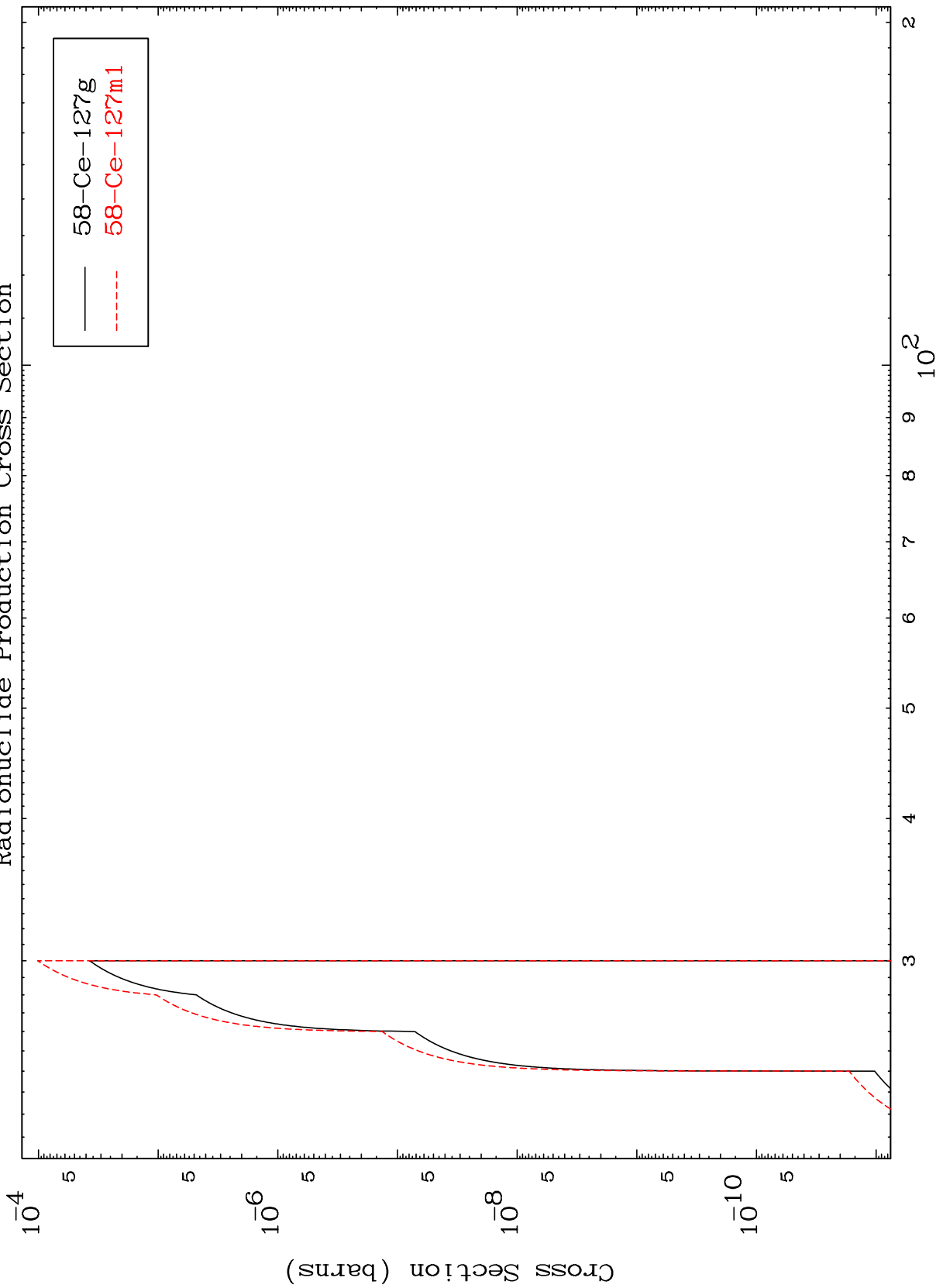
58-Ce-129

MAT 5804

58-Ce-129

(n,2n) d

Radionuclide Production Cross Section



58-Ce-129

Incident Energy (MeV)

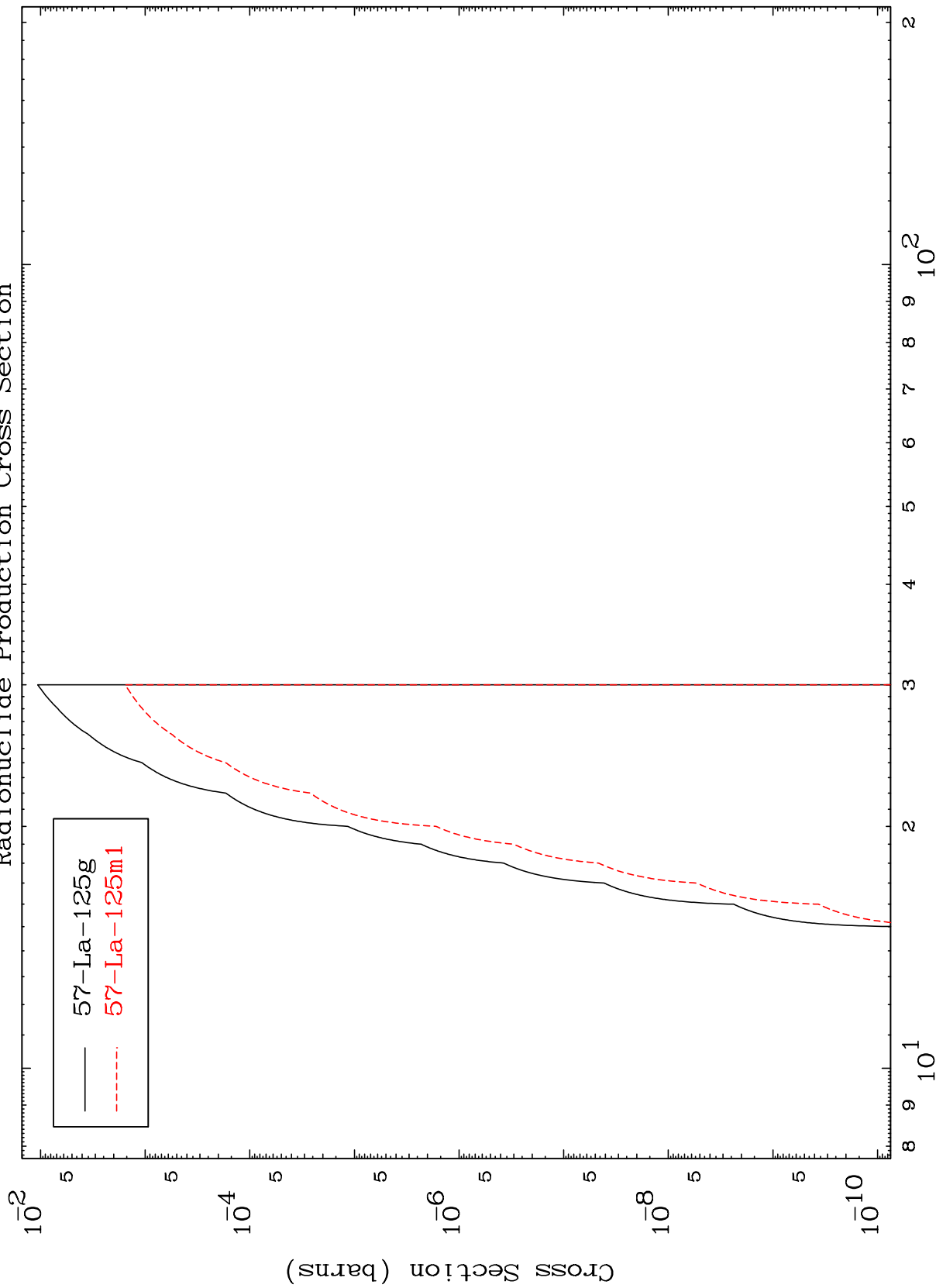
13

MAT 5804

(n,2n) α

58-Ce-129

Radionuclide Production Cross Section



14

Incident Energy (MeV)

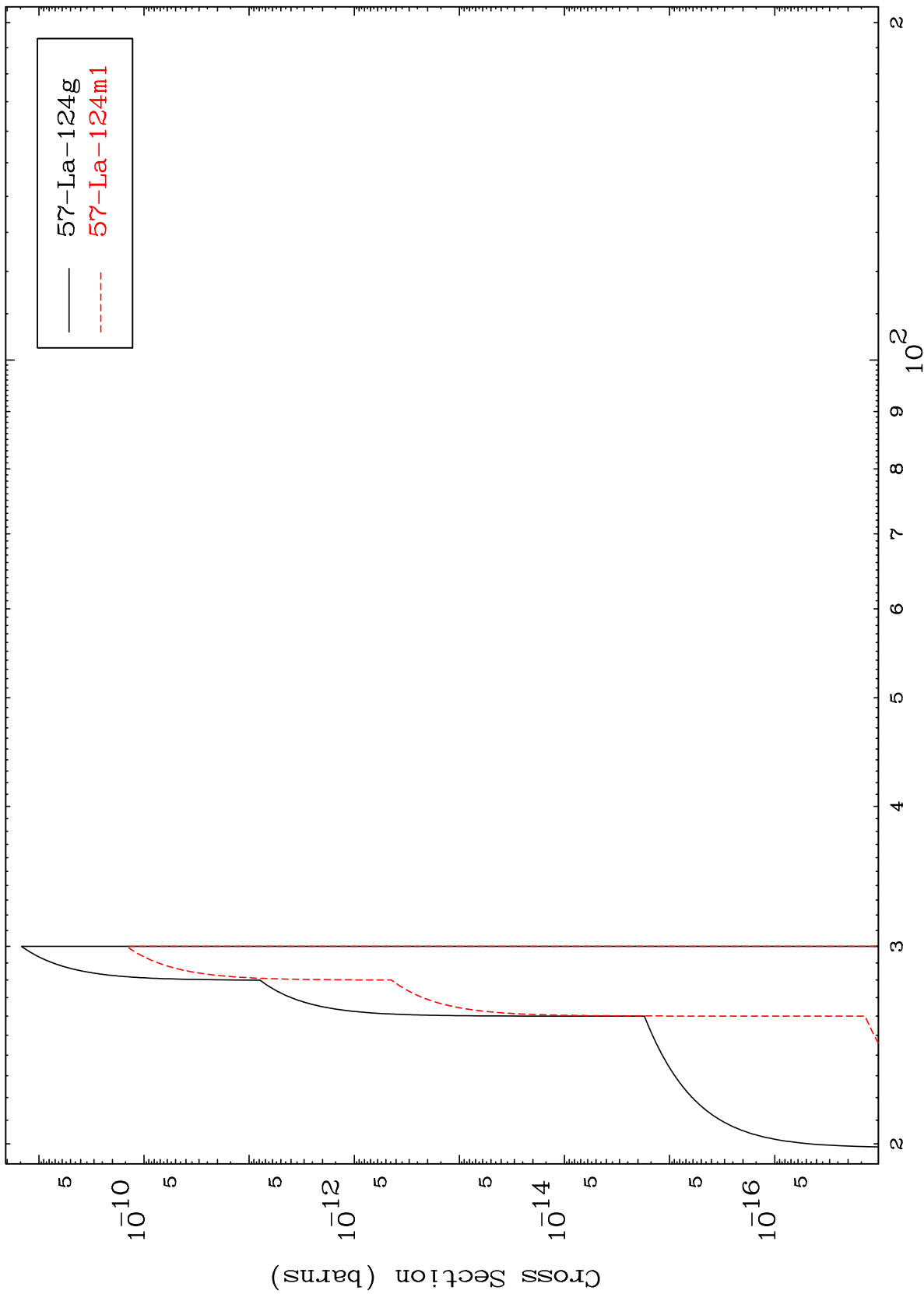
58-Ce-129

MAT 5804

(n,3n) α

58-Ce-129

Radionuclide Production Cross Section



15

Incident Energy (MeV)

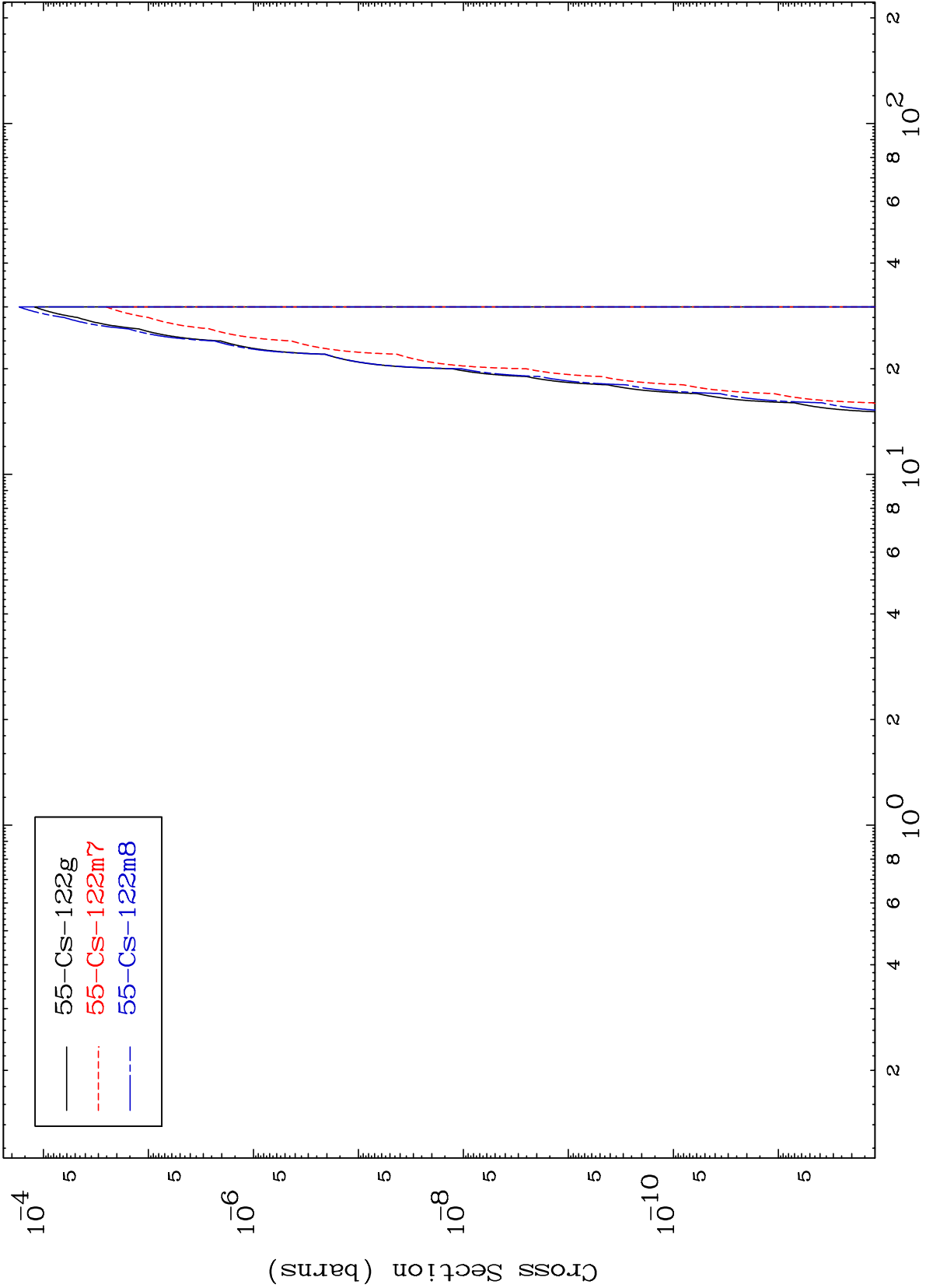
58-Ce-129

MAT 5804

(n,n') 2 α

58-Ce-129

Radionuclide Production Cross Section

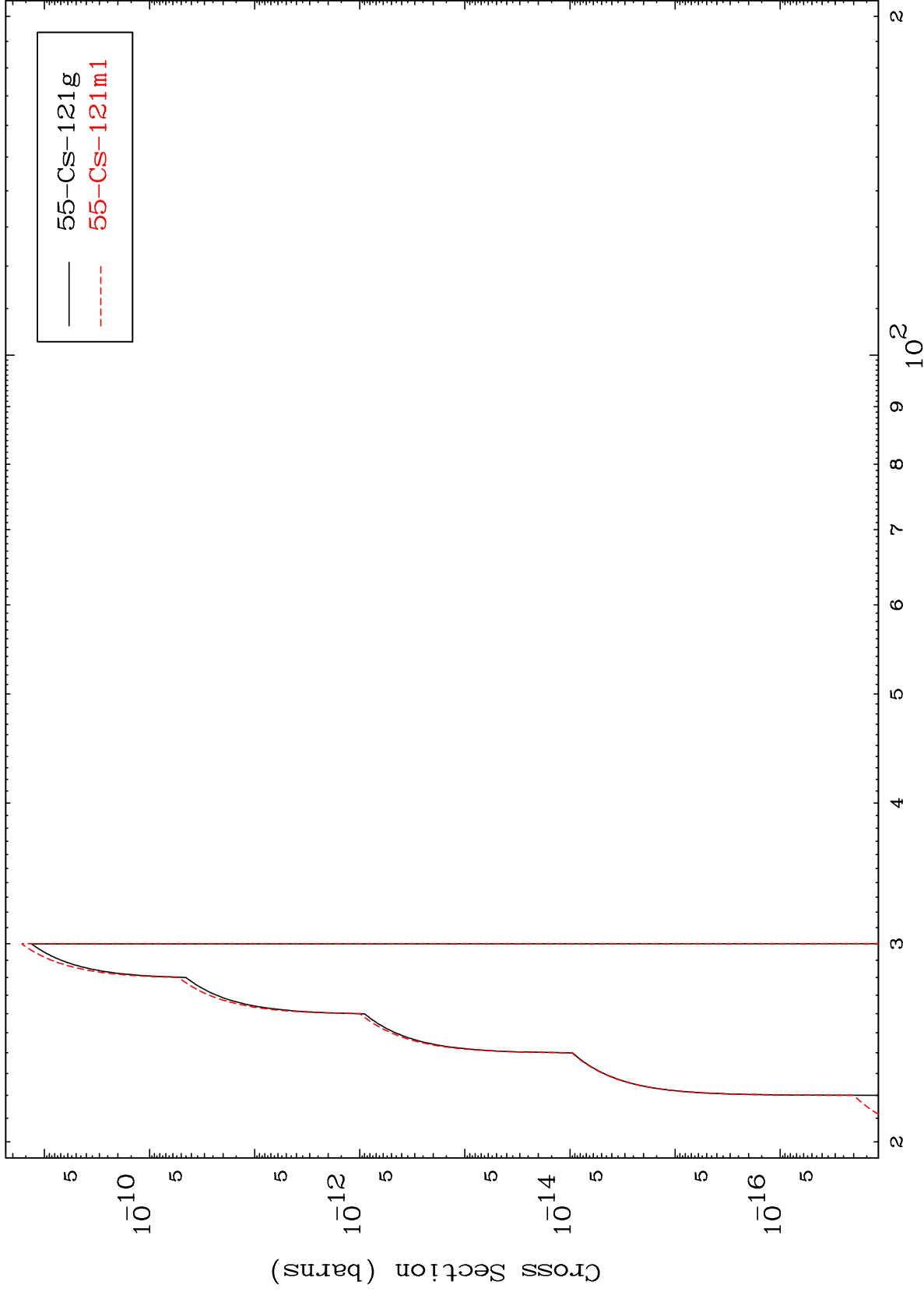


MAT 5804

(n,2n) 2α

58-Ce-129

Radionuclide Production Cross Section



17

Incident Energy (MeV)

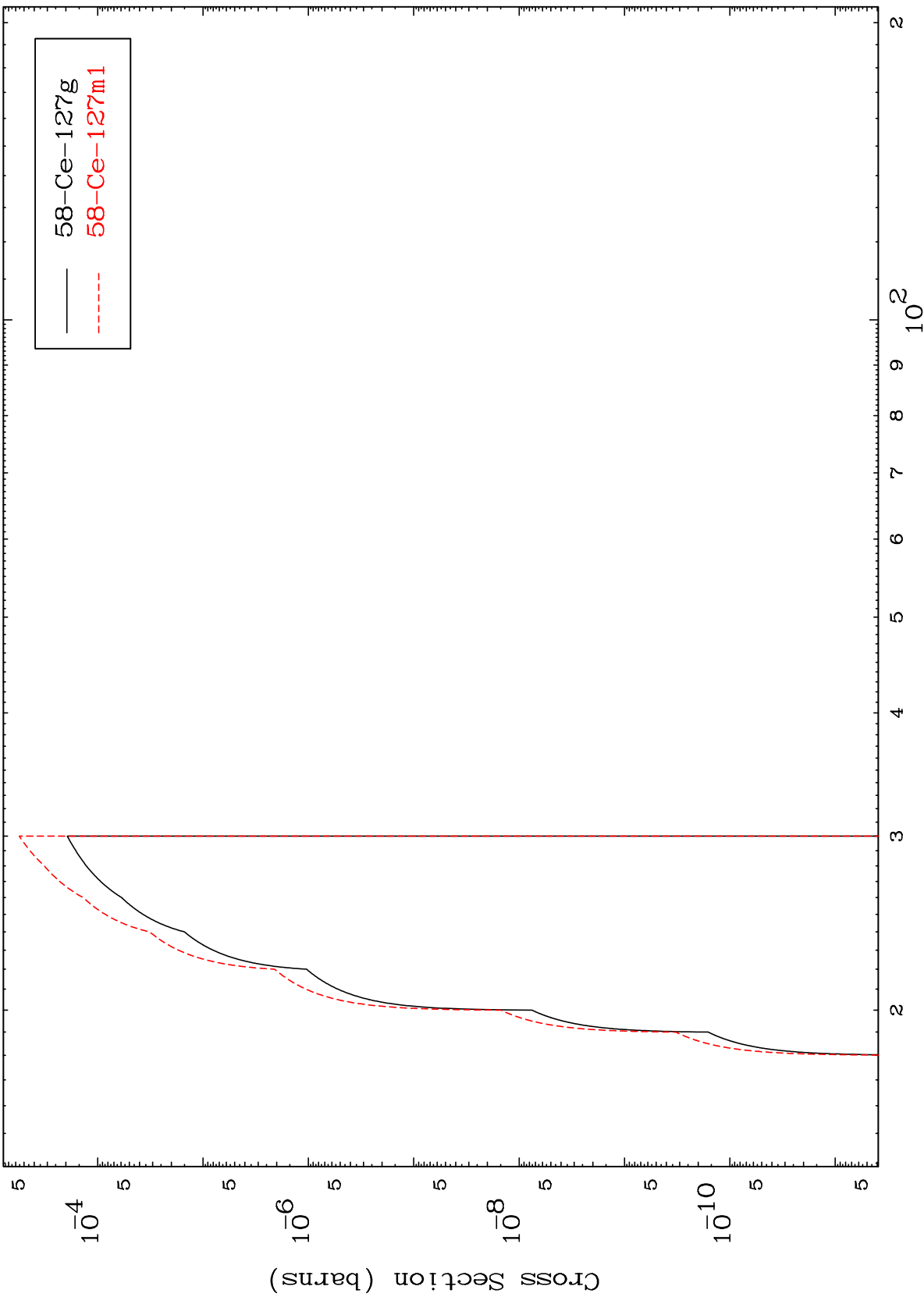
58-Ce-129

MAT 5804

(n,n') t

58-Ce-129

Radionuclide Production Cross Section



18

Incident Energy (MeV)

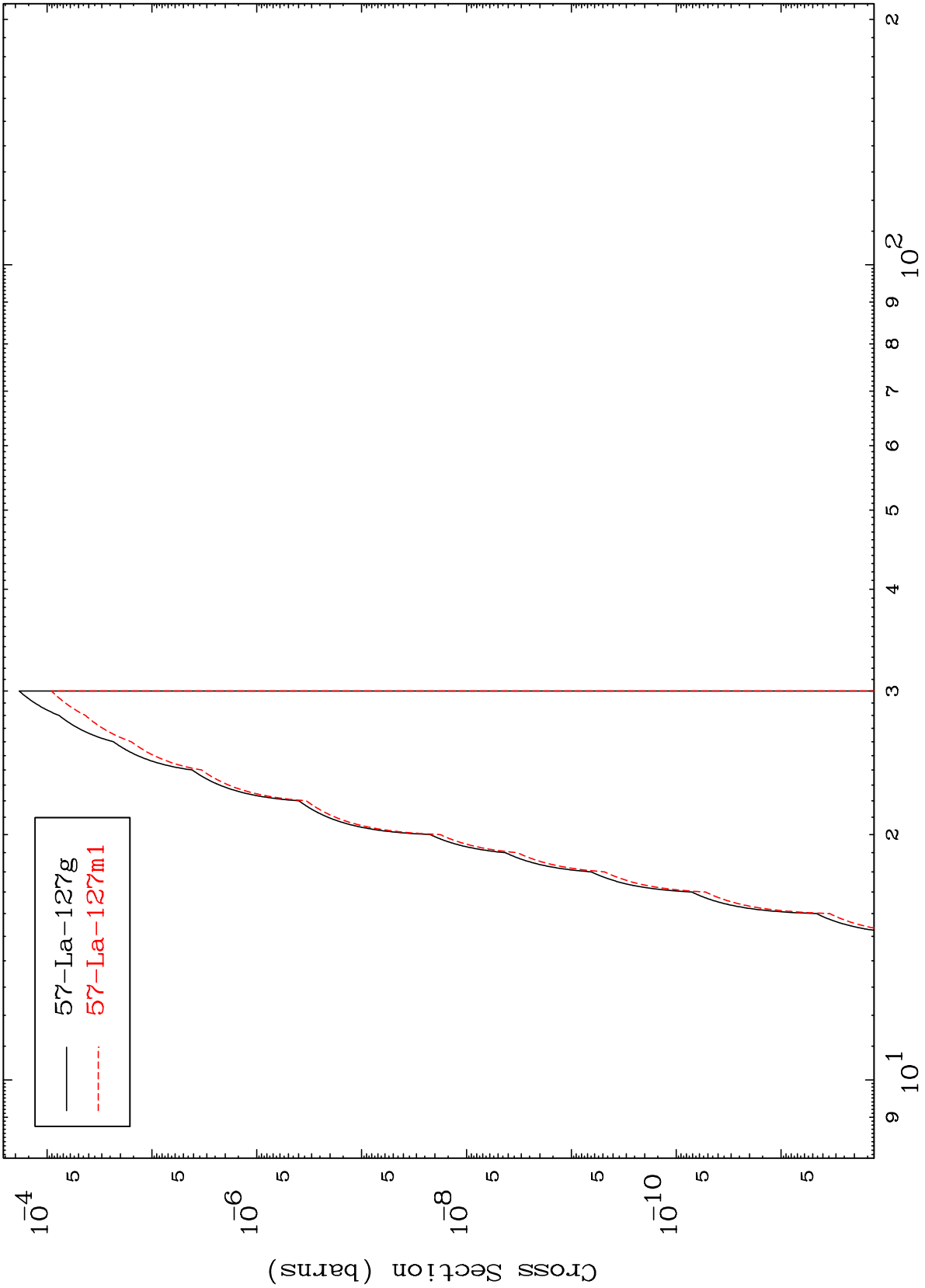
58-Ce-129

MAT 5804

(n,n') He-3

58-Ce-129

Radionuclide Production Cross Section



19

Incident Energy (MeV)

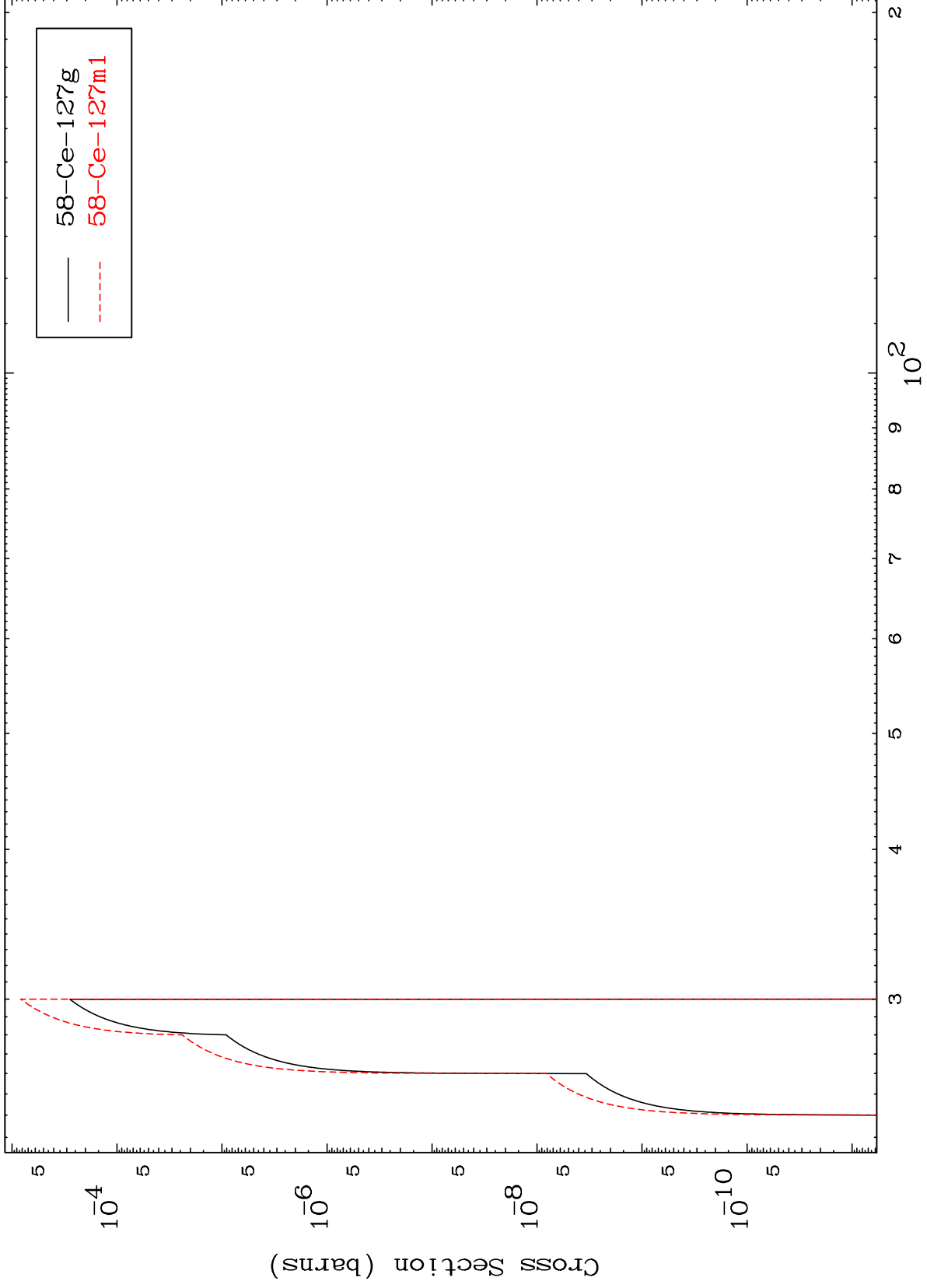
58-Ce-129

MAT 5804

(n,3n) p

58-Ce-129

Radionuclide Production Cross Section



20

Incident Energy (MeV)

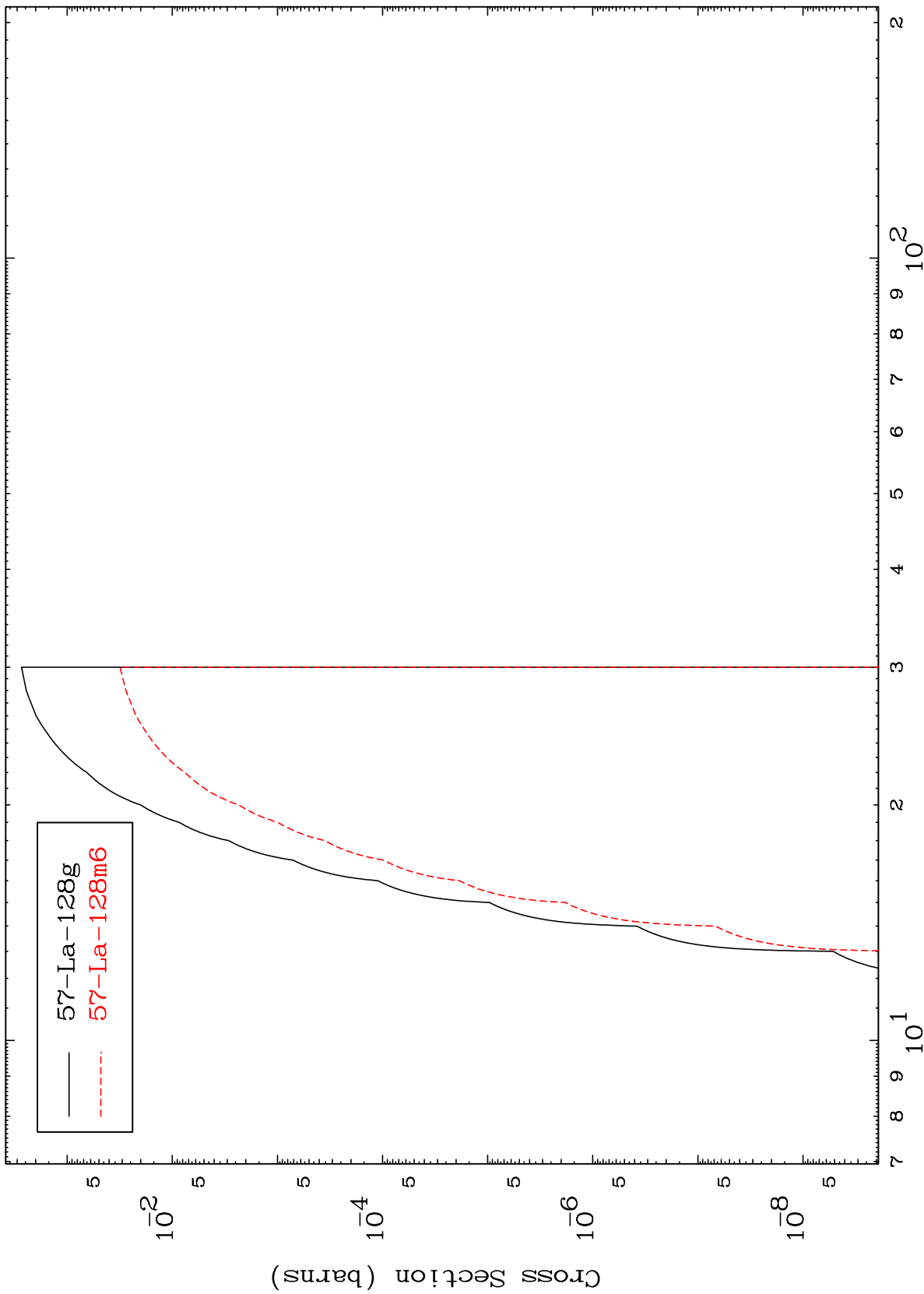
58-Ce-129

MAT 5804

(n,2n) p

58-Ce-129

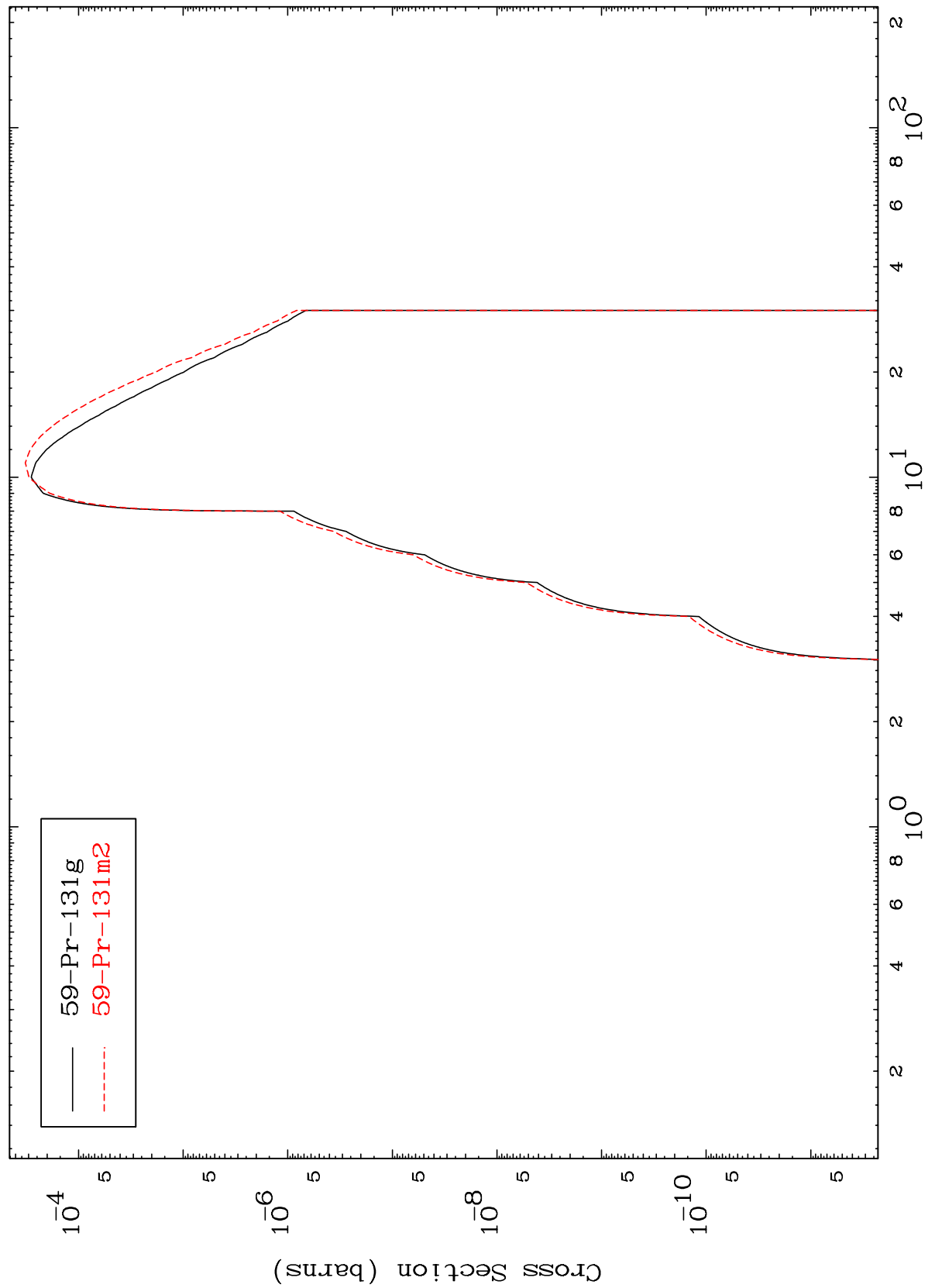
Radionuclide Production Cross Section



MAT 5804

58-Ce-129

(n, γ)
Radionuclide Production Cross Section



— 59-Pr-131g
- - - 59-Pr-131m2

58-Ce-129

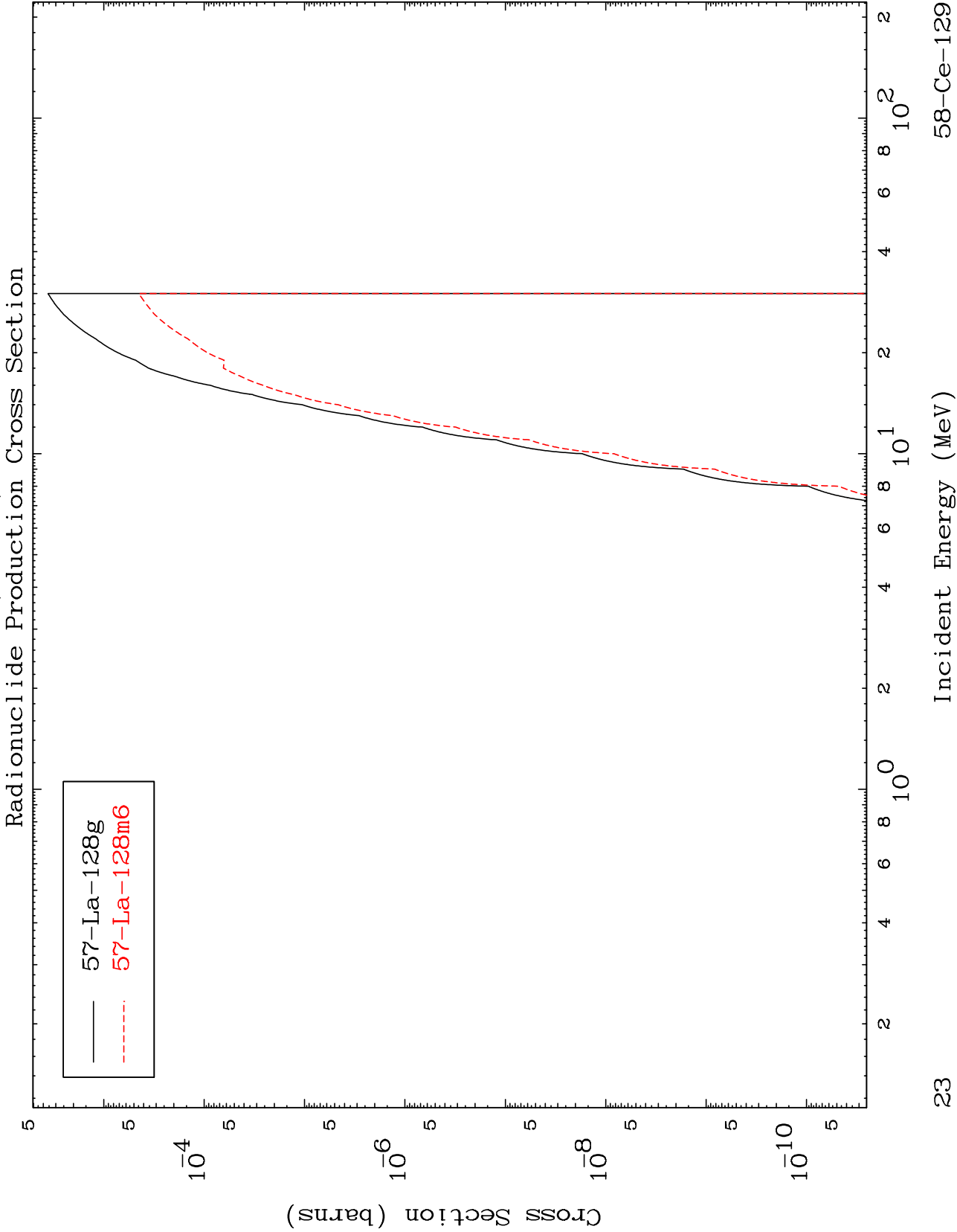
Incident Energy (MeV)

22

MAT 5804

(n,He-3)

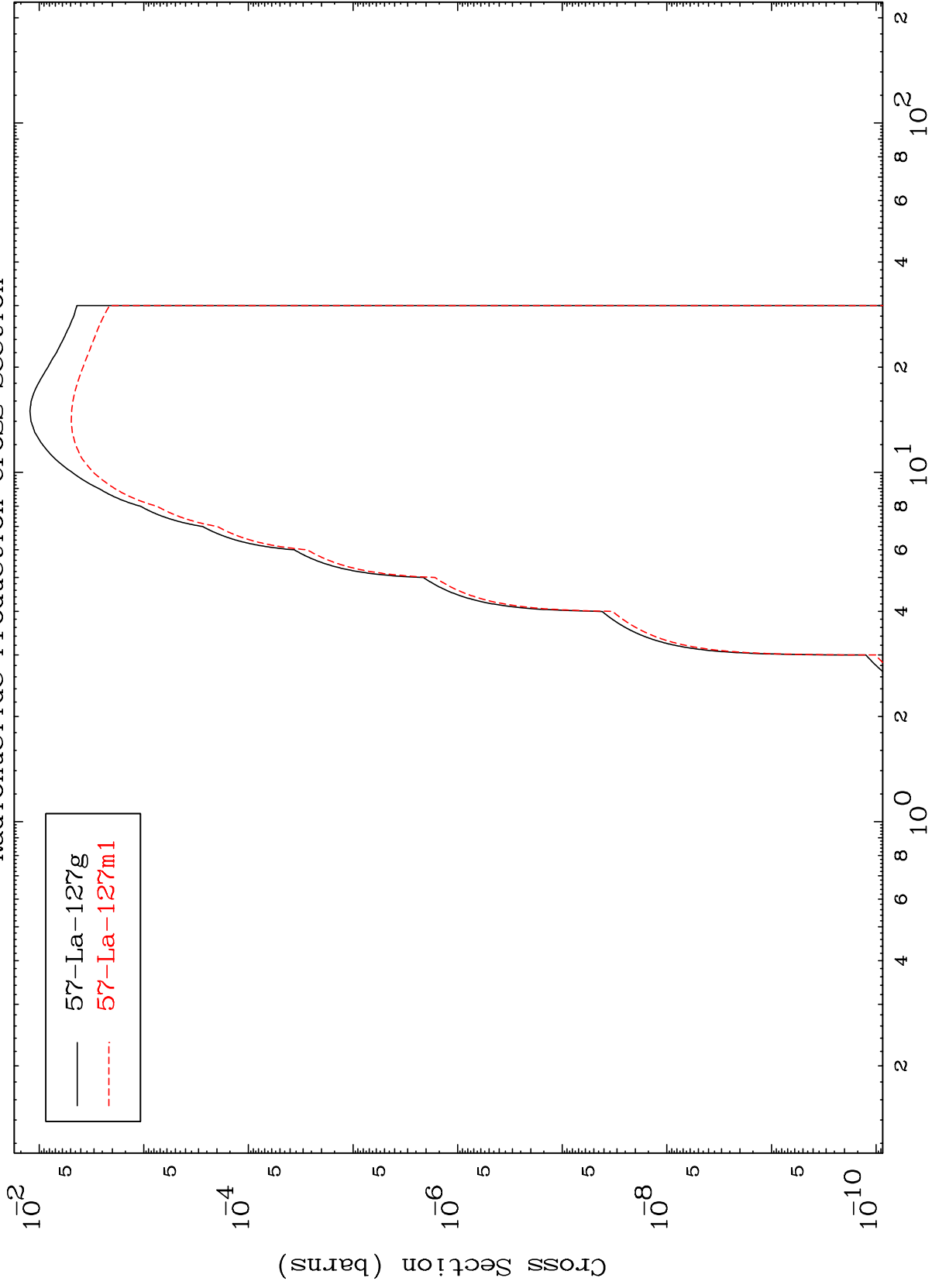
58-Ce-129



MAT 5804

58-Ce-129

(n, α)
Radionuclide Production Cross Section



58-Ce-129

Incident Energy (MeV)

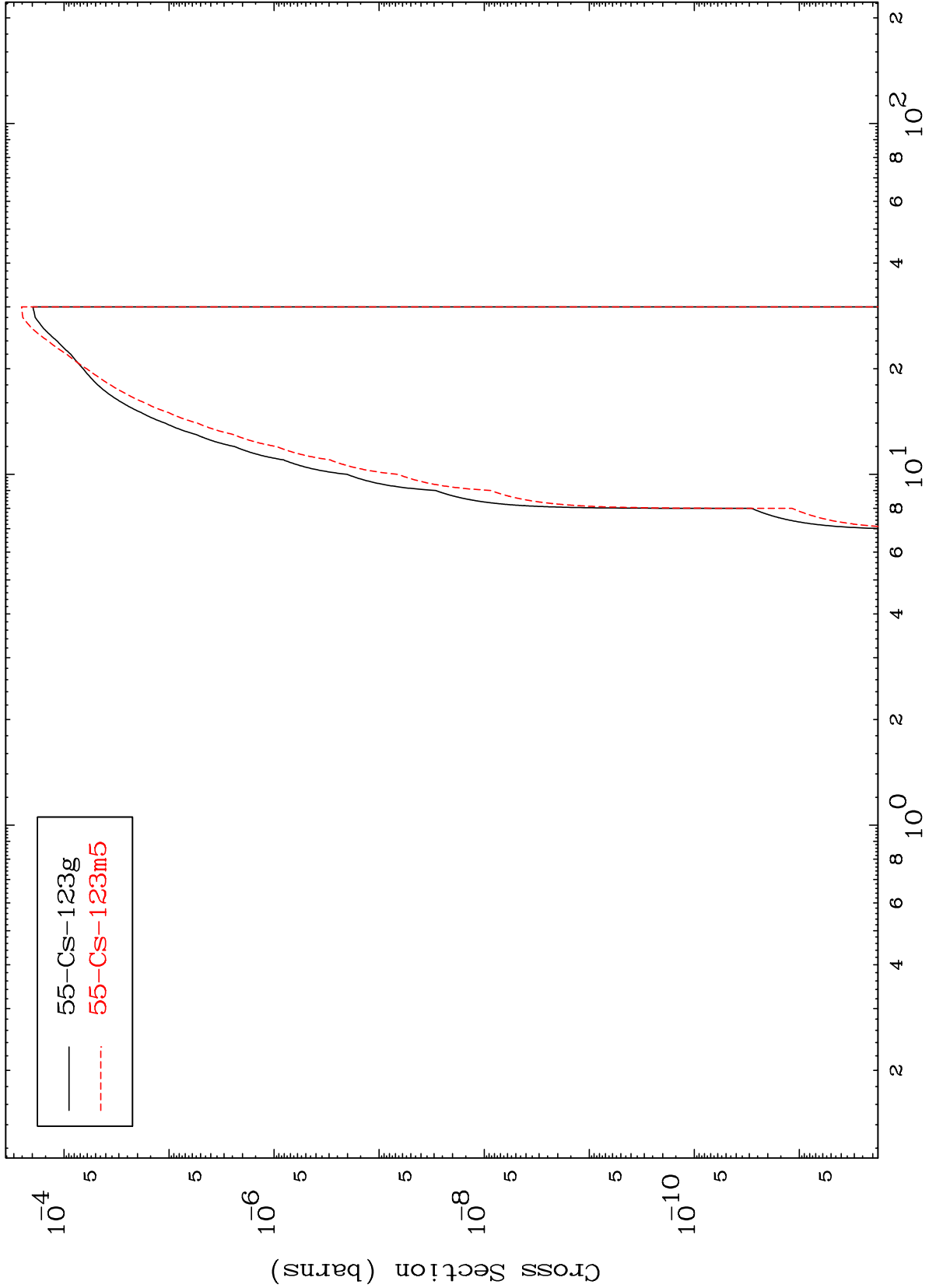
24

MAT 5804

(n,2 α)

58-Ce-129

Radionuclide Production Cross Section



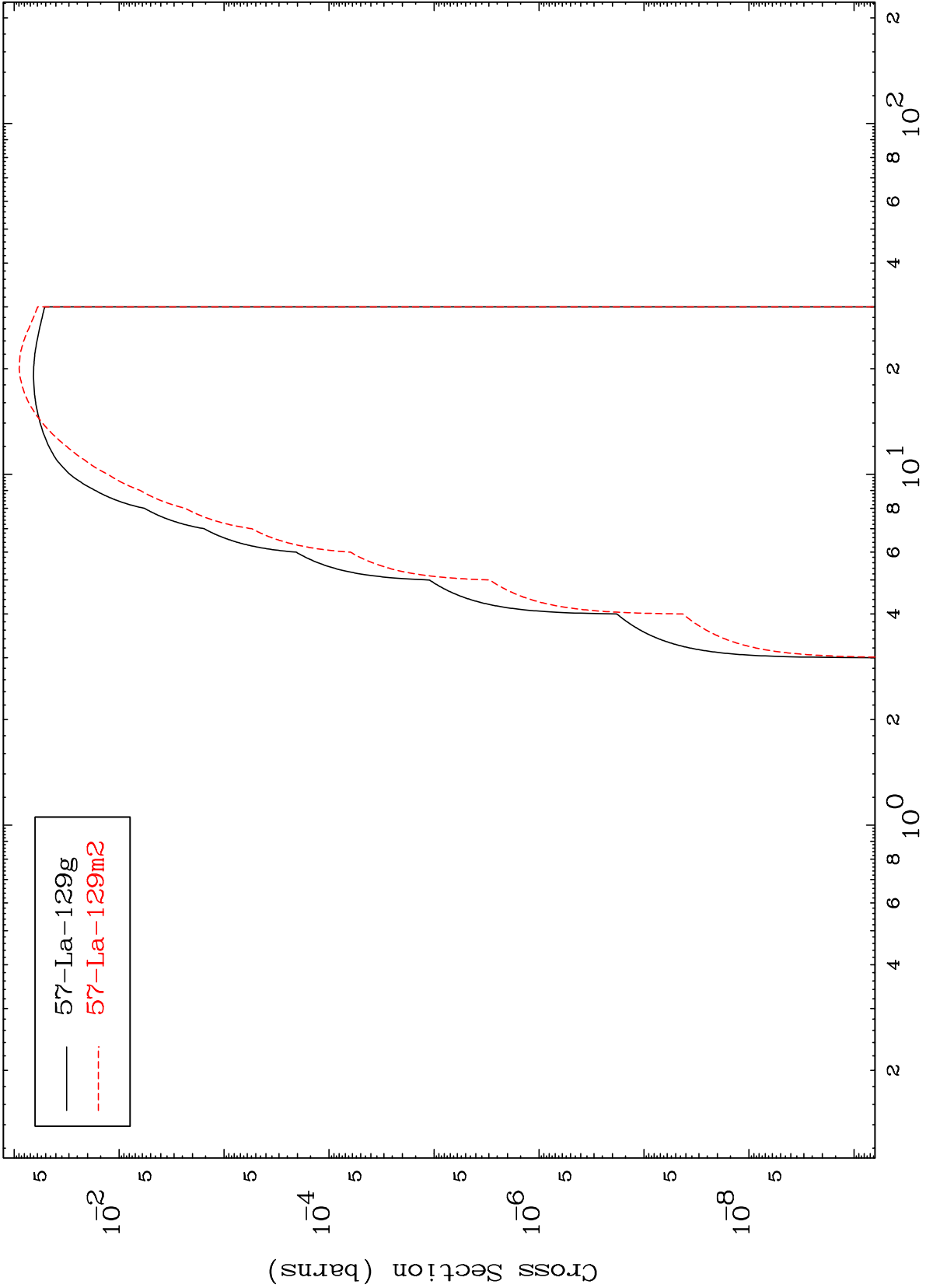
— 55-Cs-123g
- - - 55-Cs-123m5

MAT 5804

(n,2p)

58-Ce-129

Radionuclide Production Cross Section



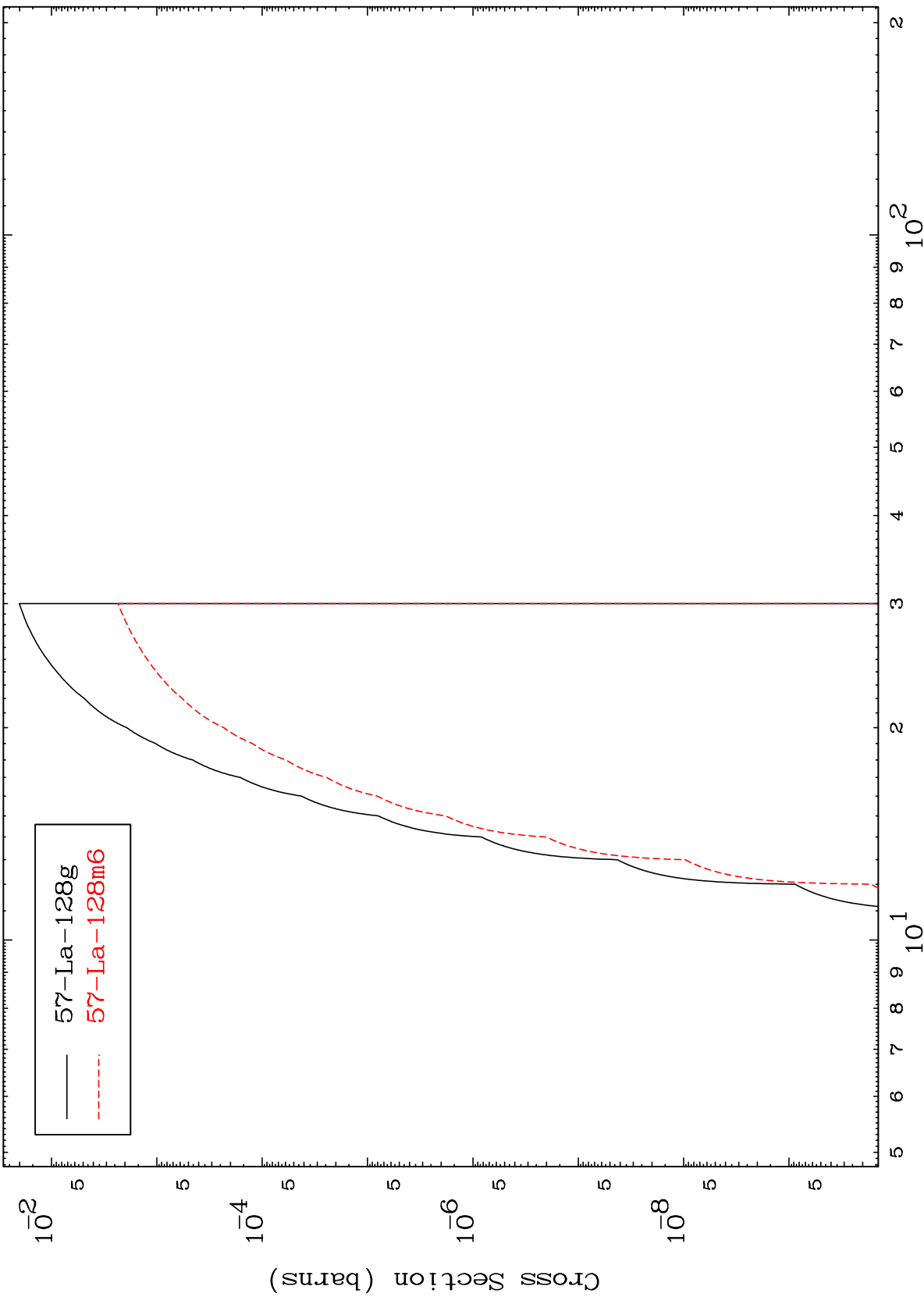
57-La-129g
57-La-129m2

MAT 5804

(n,p) d

58-Ce-129

Radionuclide Production Cross Section



57-La-128g
57-La-128m6

27

Incident Energy (MeV)

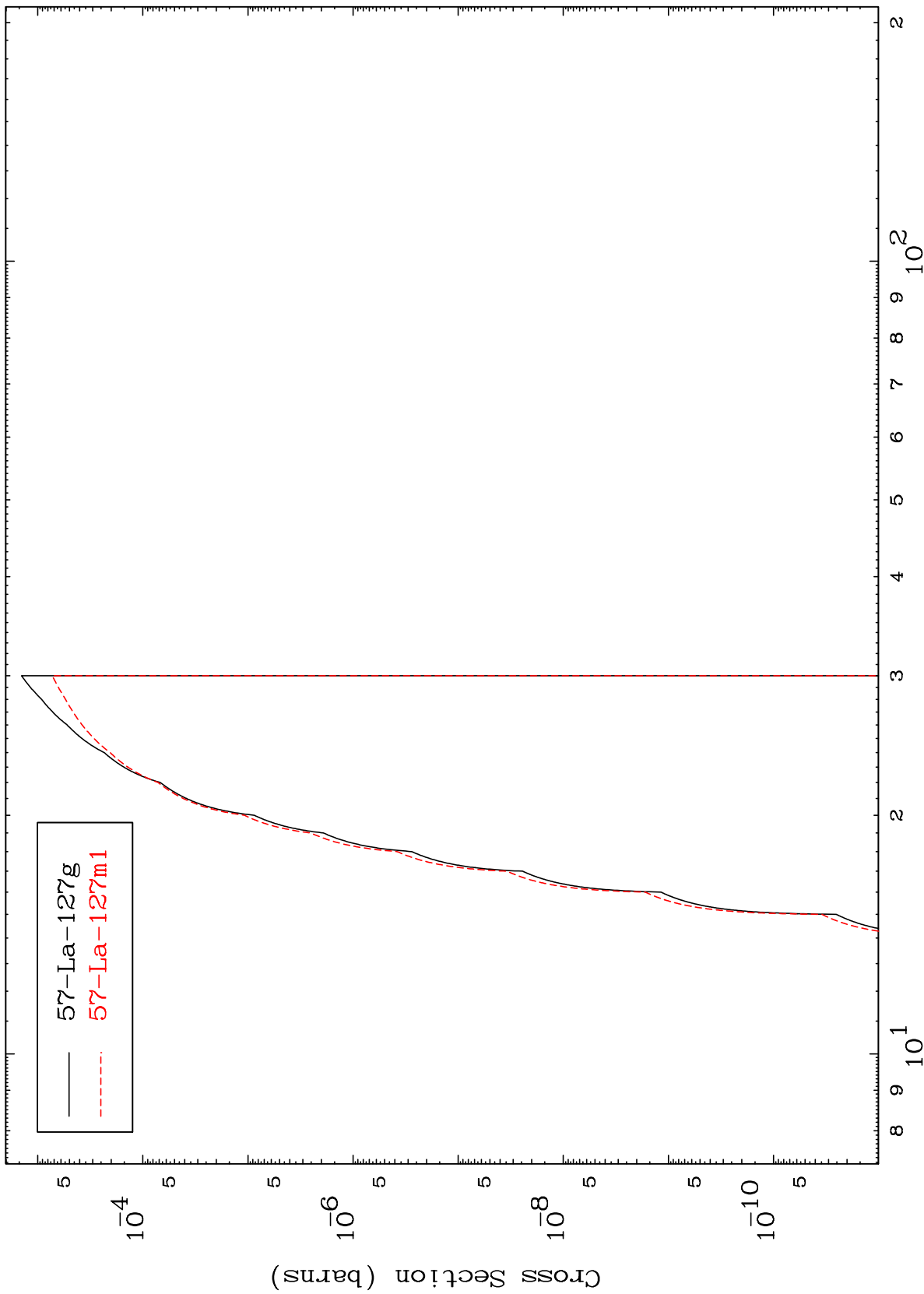
58-Ce-129

MAT 5804

(n,p) t

58-Ce-129

Radionuclide Production Cross Section



Incident Energy (MeV)

58-Ce-129

28