

Program EVALPLOT
(Version 2021-1)

by

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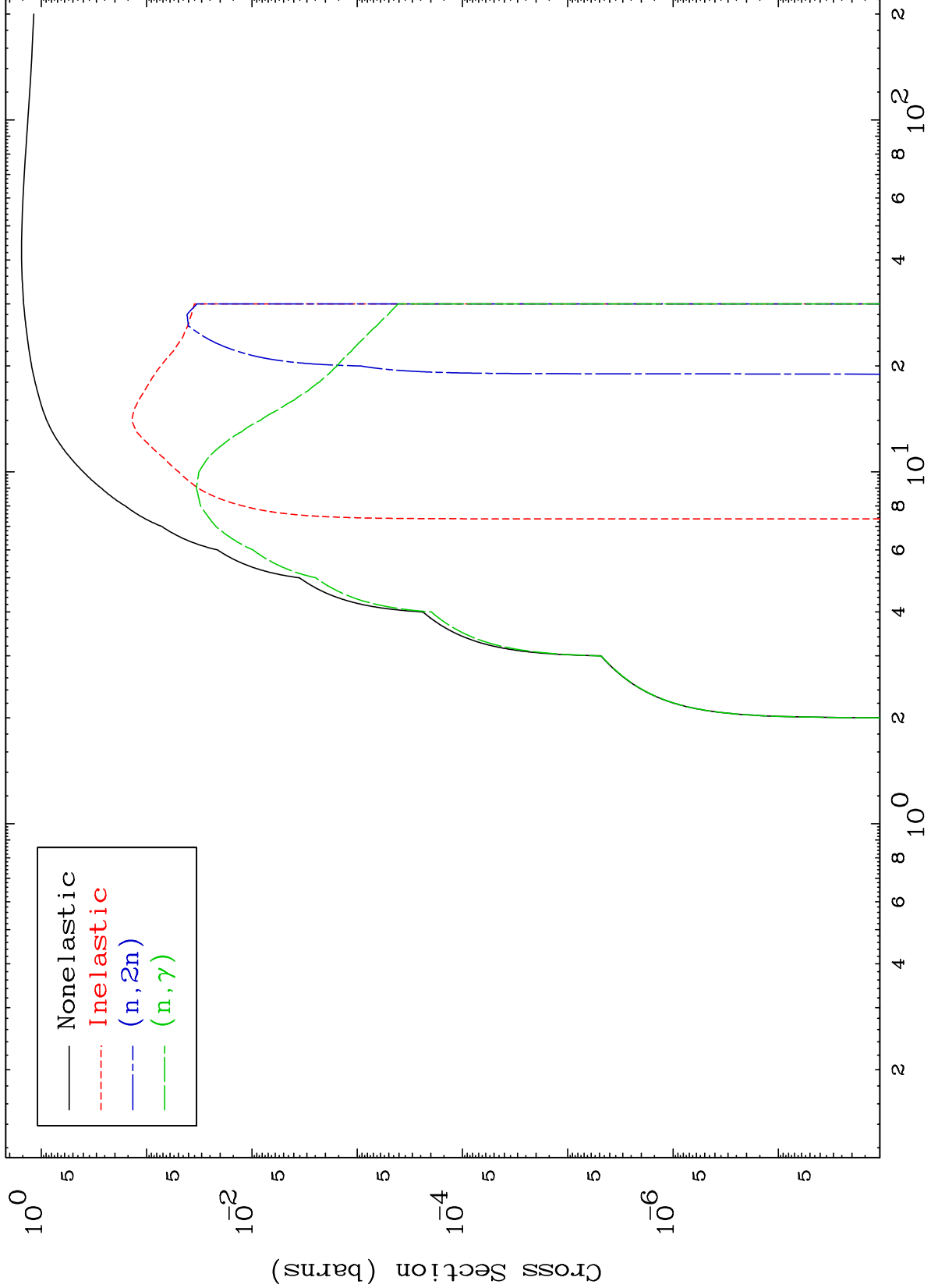
Press Mouse Button to Start

MAT 5804

Proton Major

58-Ce-129

0 Kelvin Cross Sections

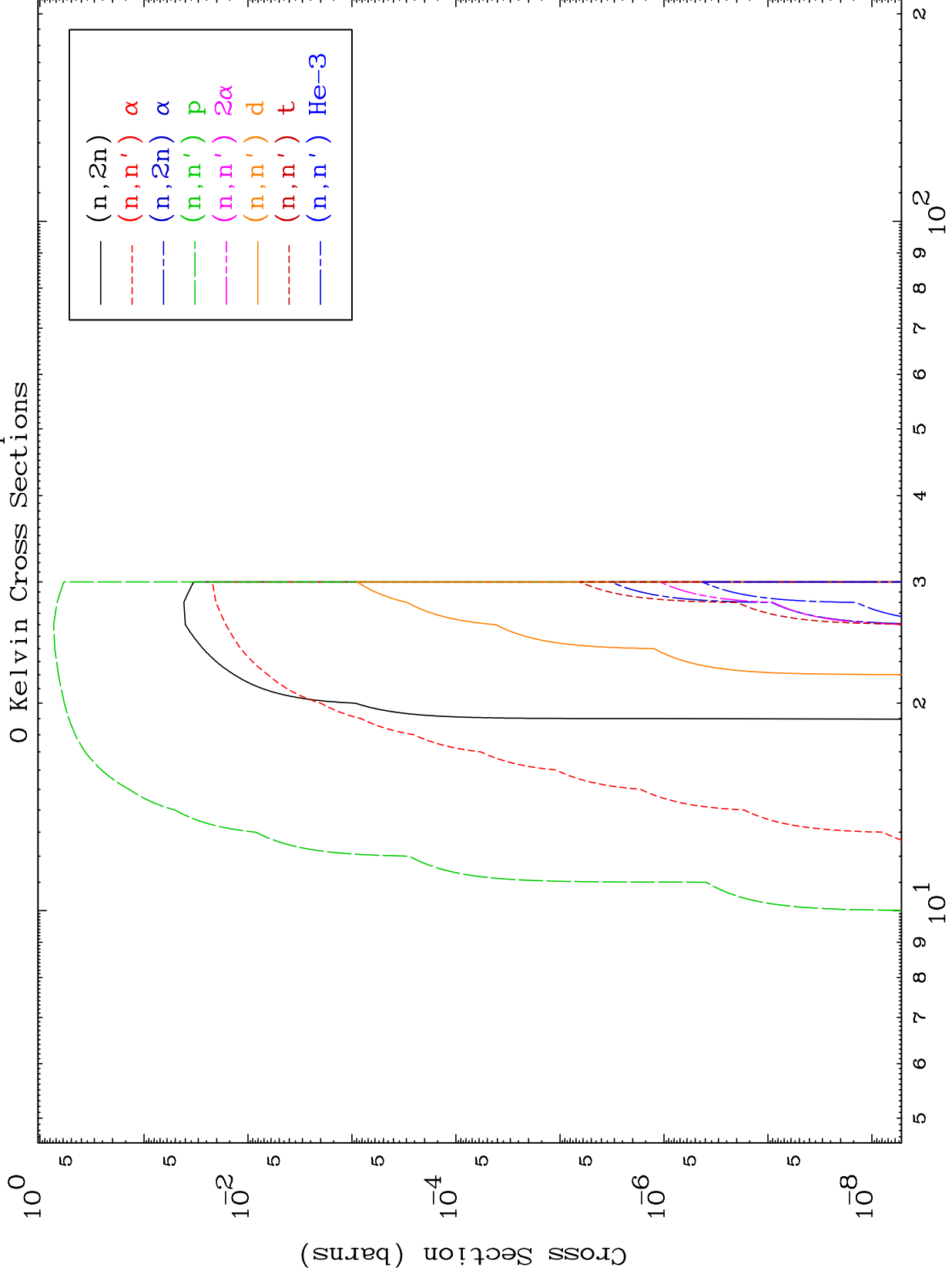


Legend:
— Nonelastic
- - - Inelastic
- - - (n, 2n)
- - - (n, γ)

MAT 5804

Proton Neutron Absorption
0 Kelvin Cross Sections

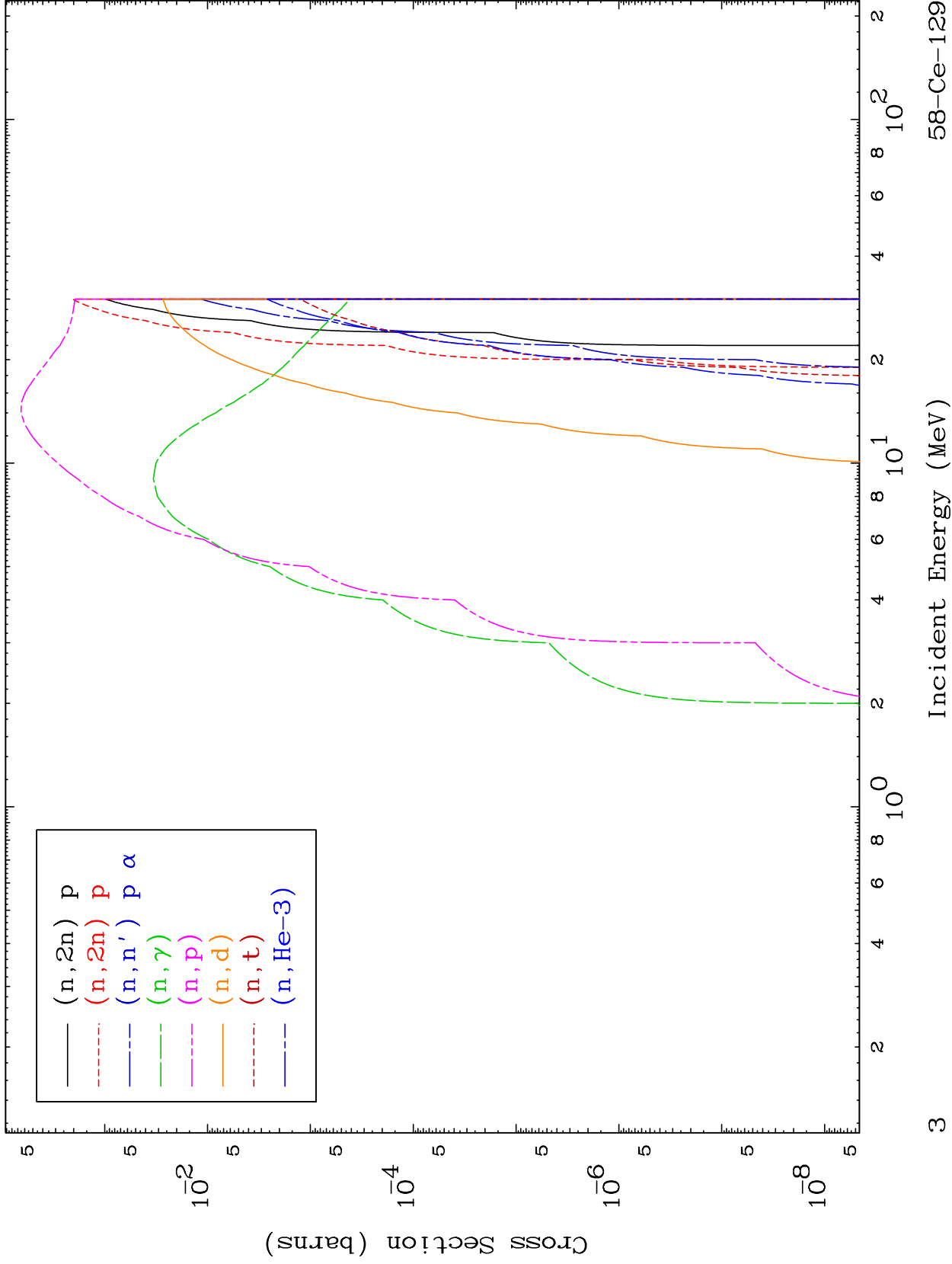
58-Ce-129



MAT 5804

Proton Neutron Absorption
0 Kelvin Cross Sections

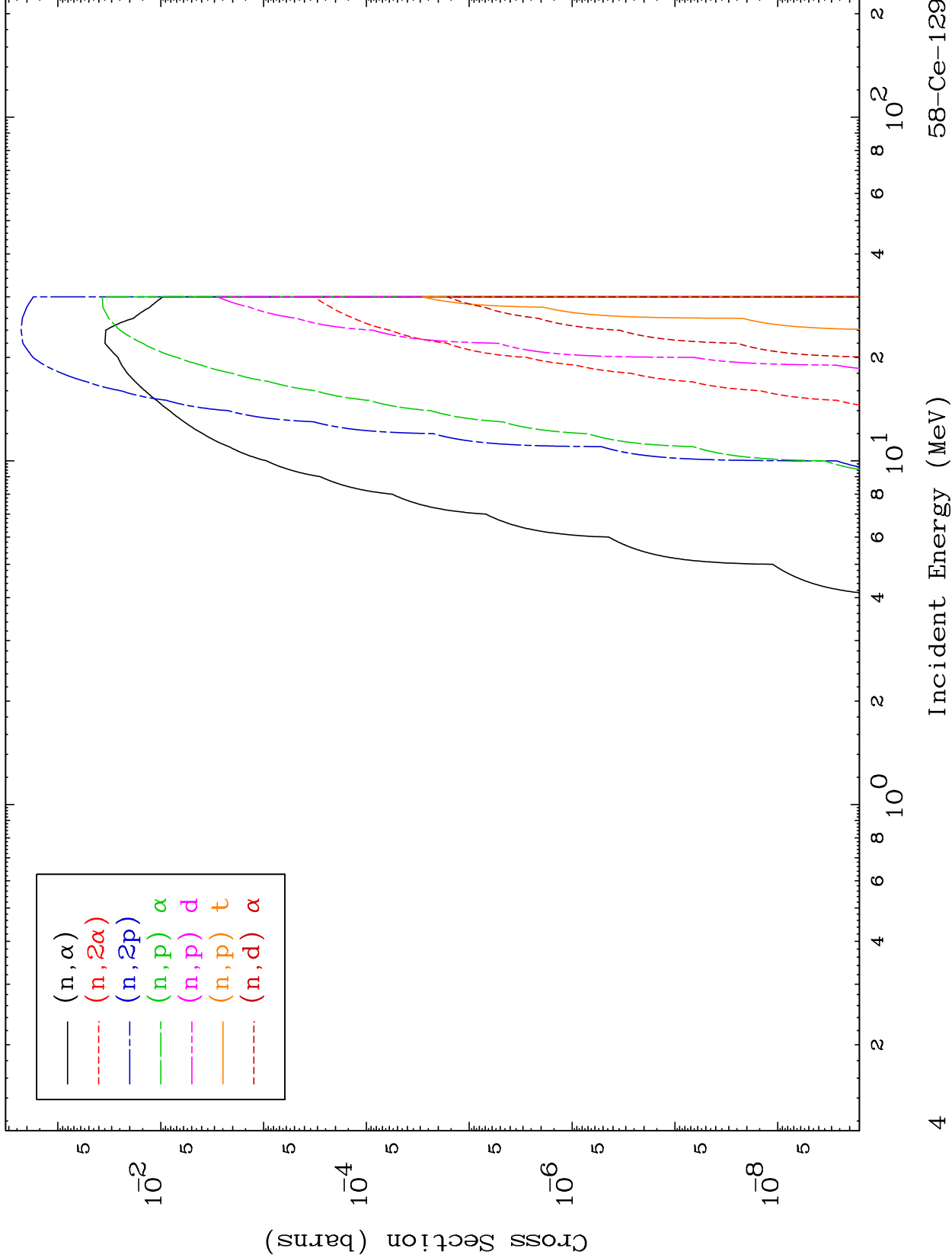
58-Ce-129



MAT 5804

Proton Neutron Absorption
0 Kelvin Cross Sections

58-Ce-129

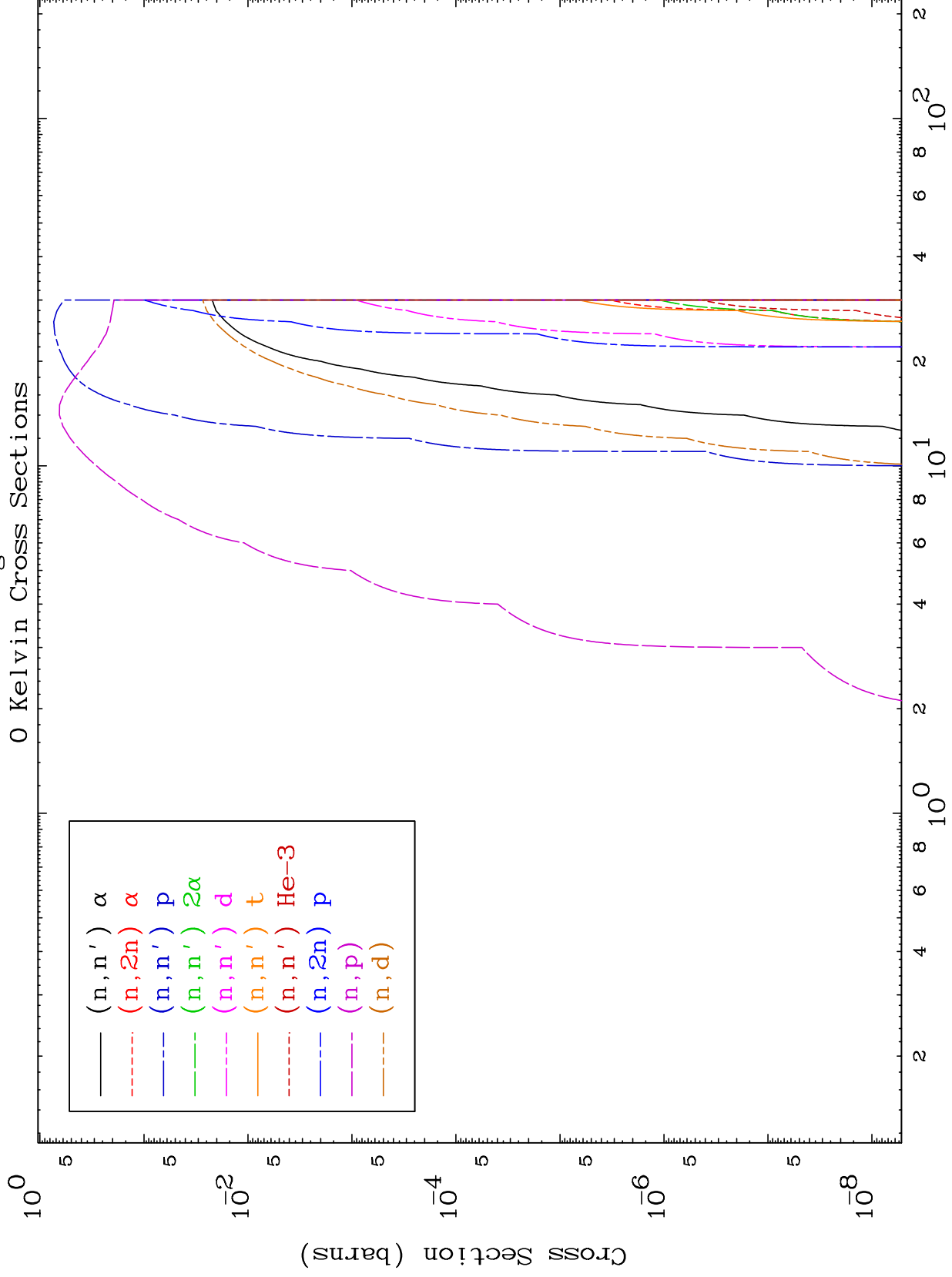


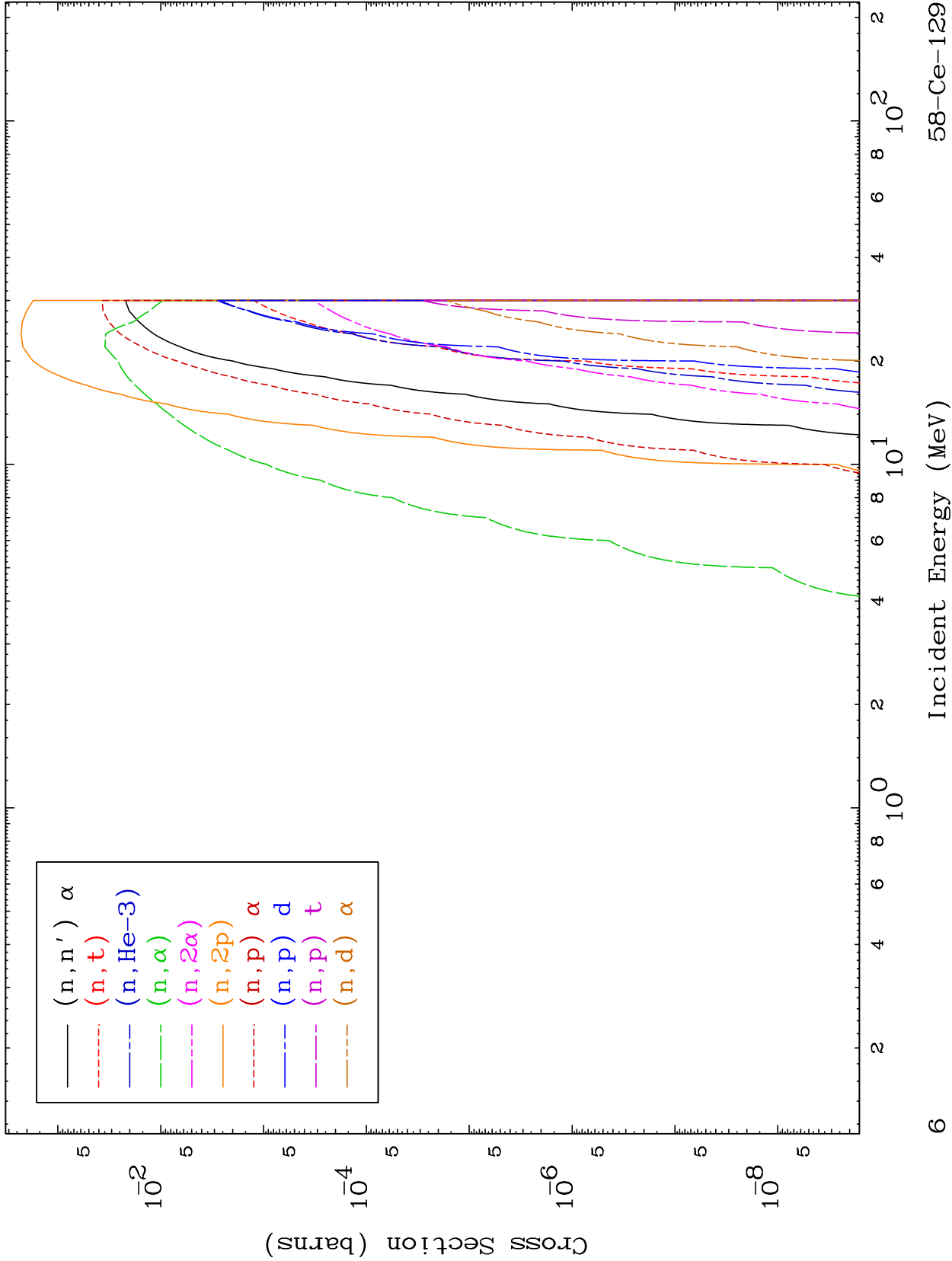
58-Ce-129

MAT 5804

Proton Charged Particle
0 Kelvin Cross Sections

58-Ce-129



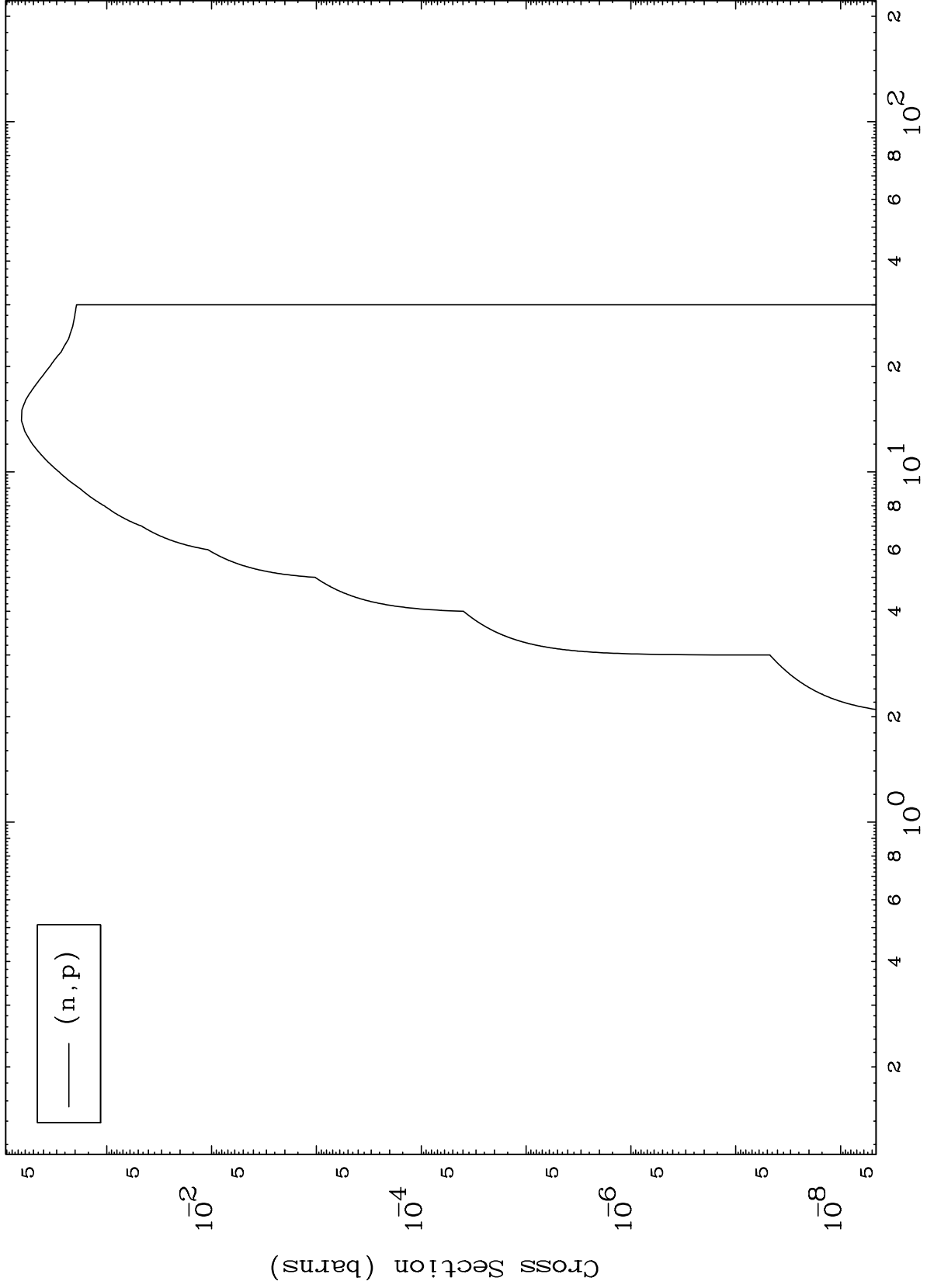


MAT 5804

(p,p) Levels

58-Ce-129

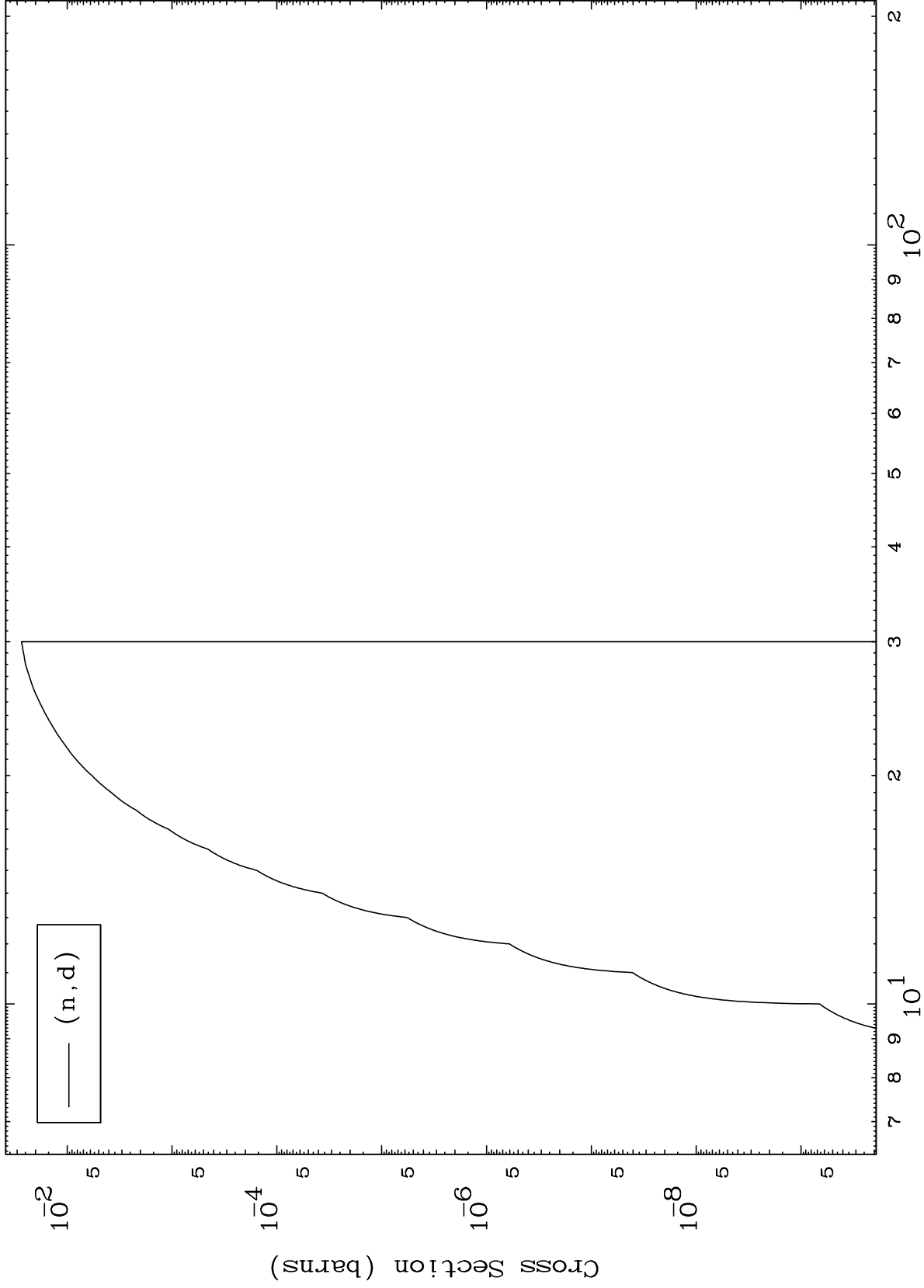
0 Kelvin Cross Sections



MAT 5804

(p,d) Levels
0 Kelvin Cross Sections

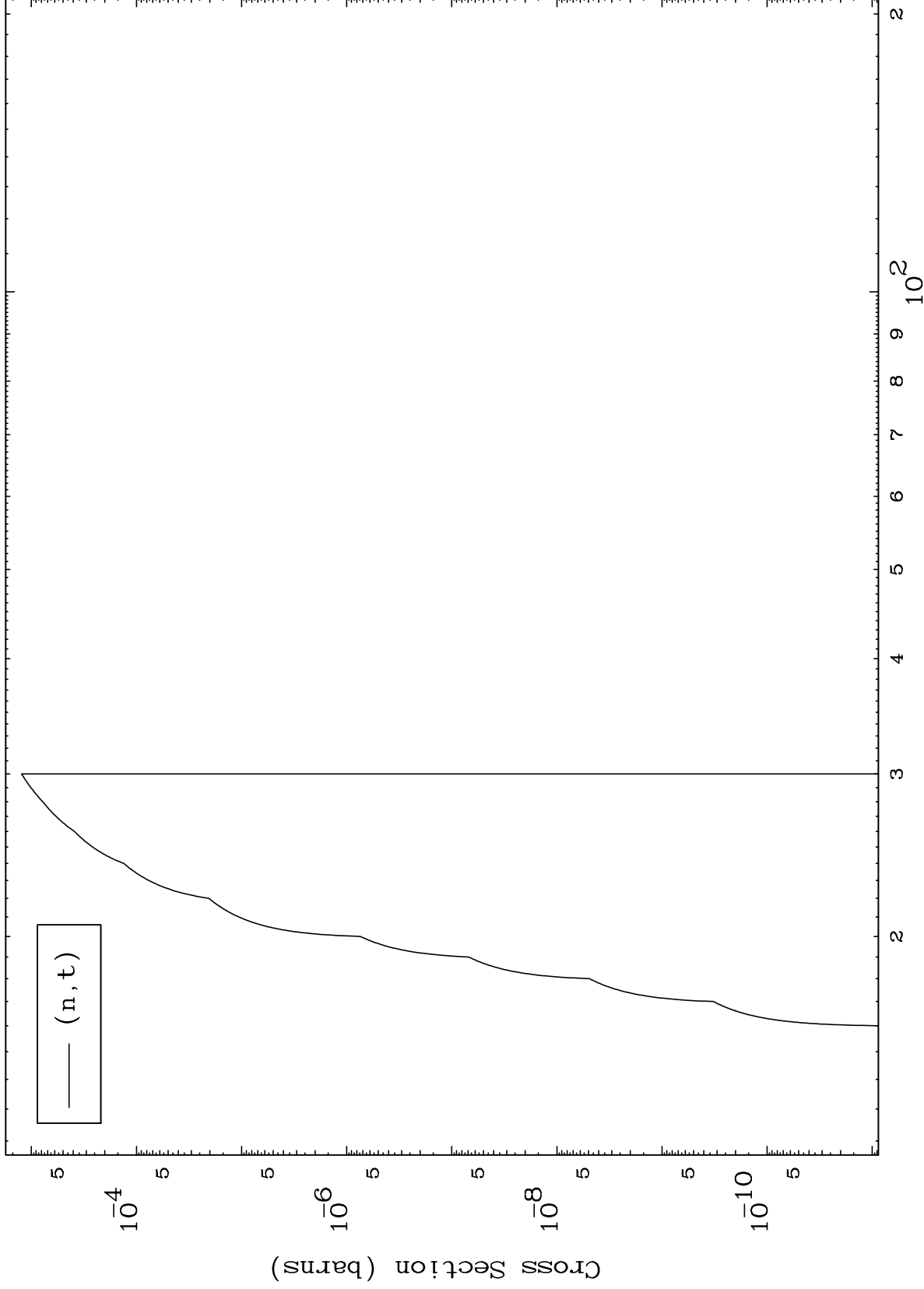
58-Ce-129



8

Incident Energy (MeV)

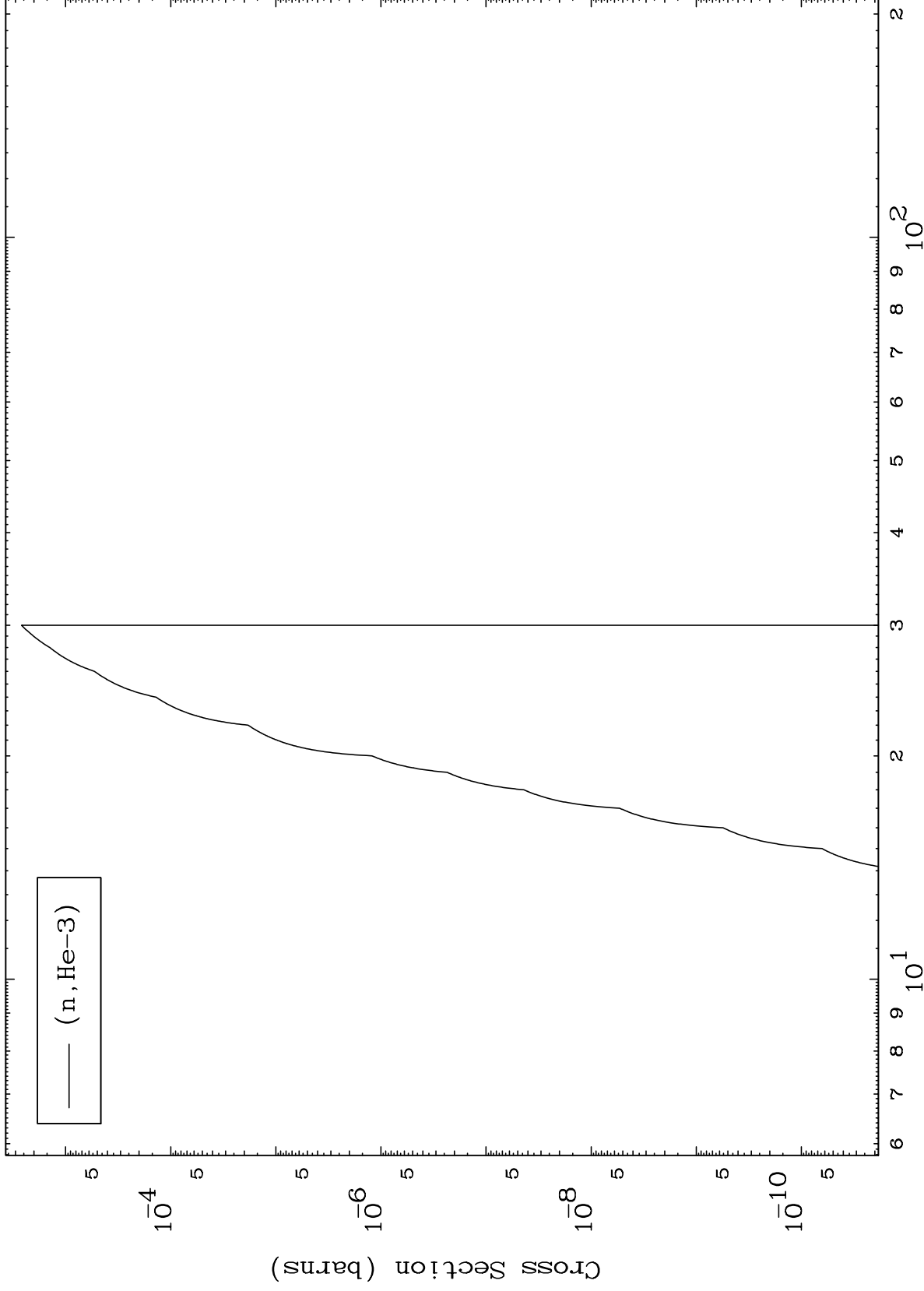
58-Ce-129



MAT 5804

(p,He3) Levels
0 Kelvin Cross Sections

58-Ce-129



10

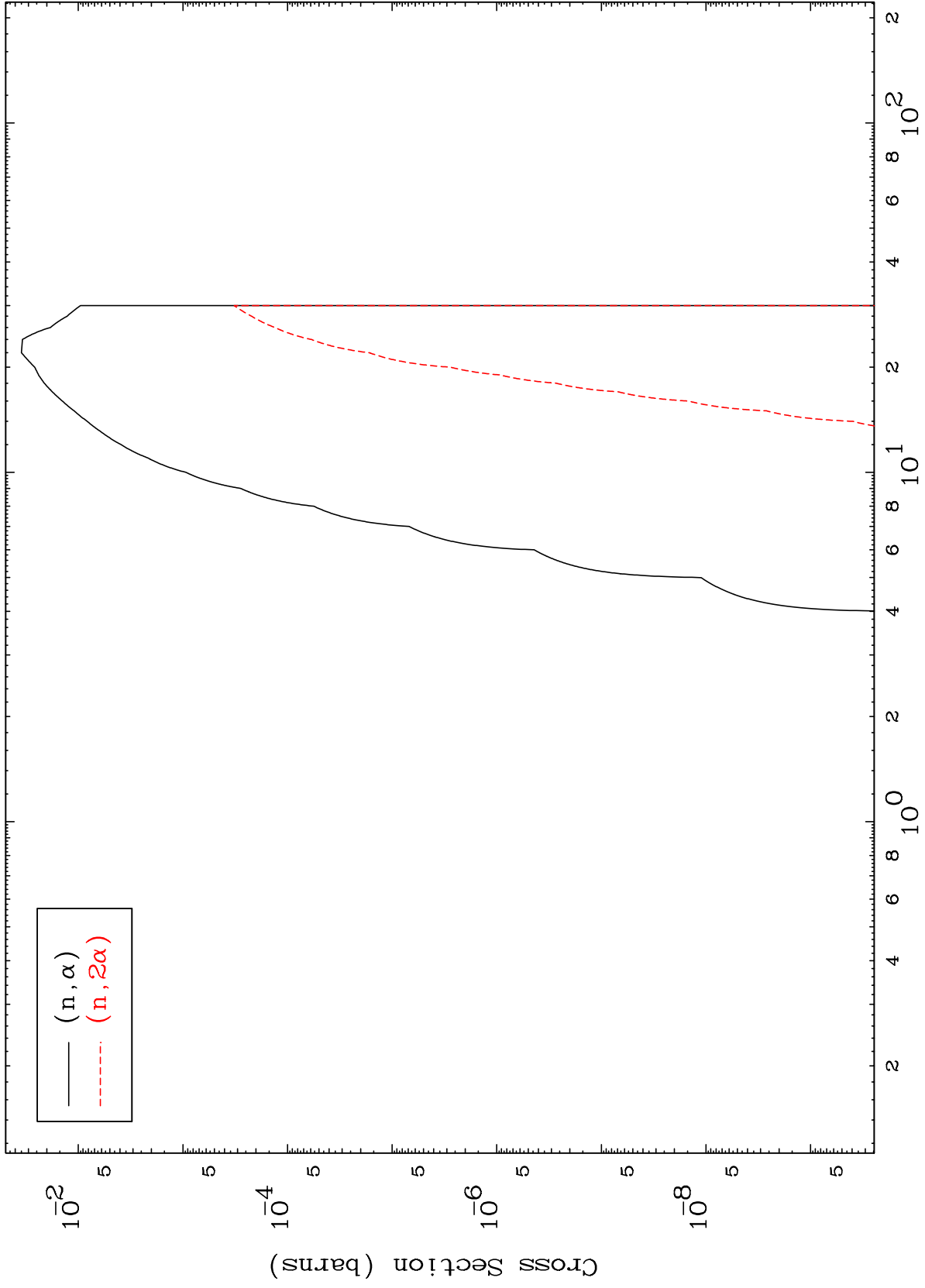
Incident Energy (MeV)

58-Ce-129

MAT 5804

(p, α) Levels
0 Kelvin Cross Sections

58-Ce-129

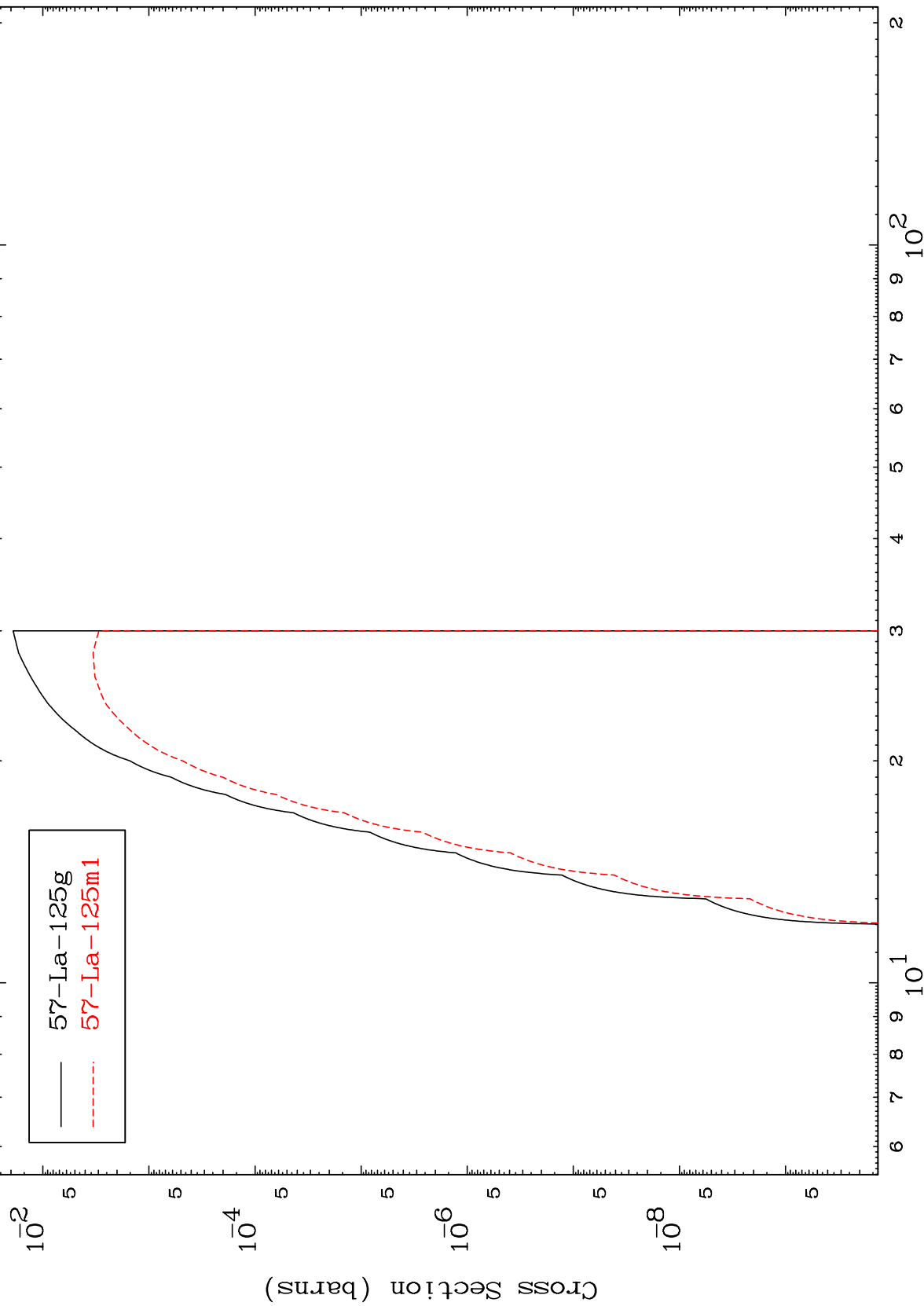


MAT 5804

(n,n') α

58-Ce-129

Radionuclide Production Cross Section



12

Incident Energy (MeV)

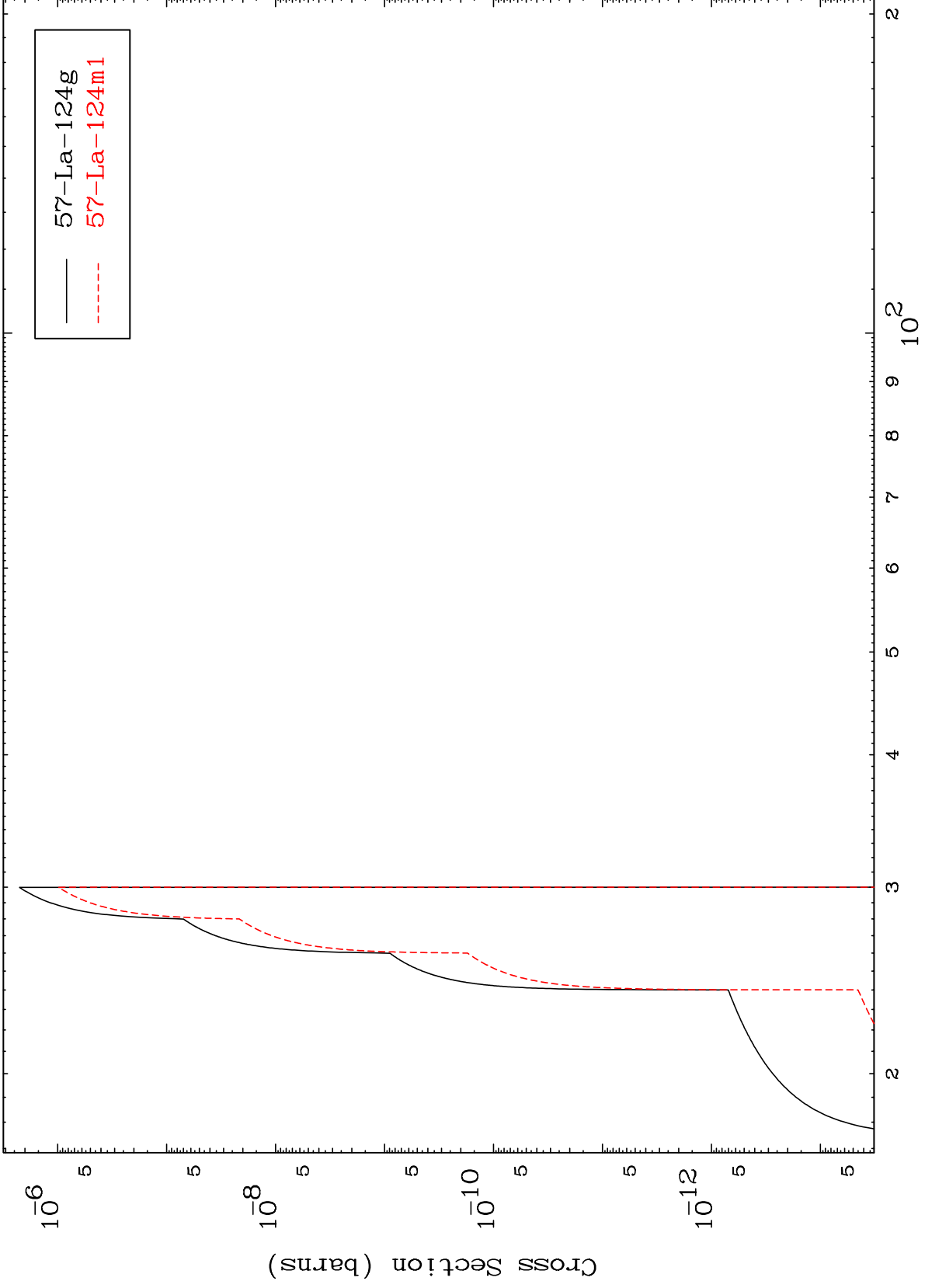
58-Ce-129

MAT 5804

(n,2n) α

58-Ce-129

Radionuclide Production Cross Section



13

Incident Energy (MeV)

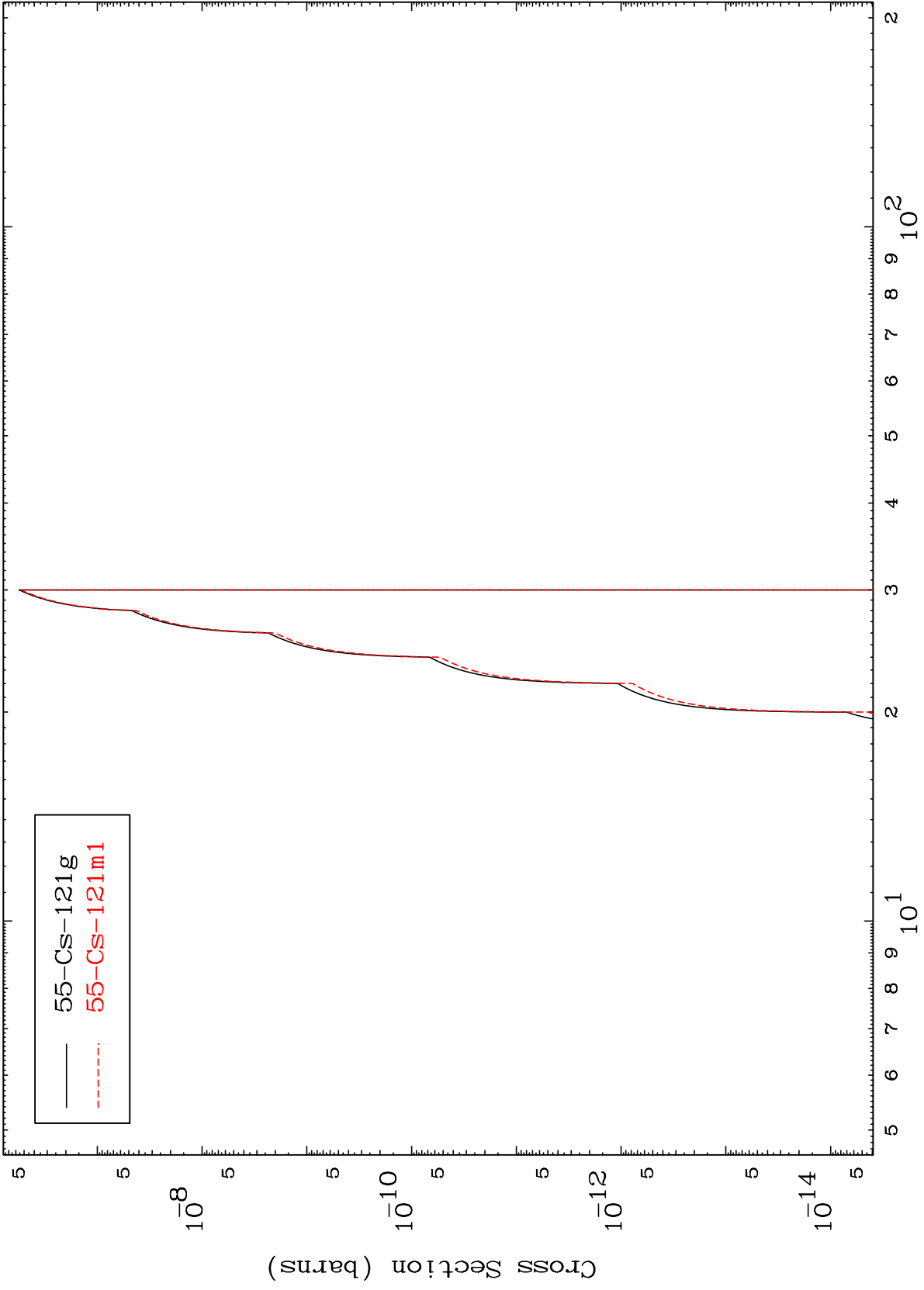
58-Ce-129

MAT 5804

(n,n') 2α

58-Ce-129

Radionuclide Production Cross Section



14

Incident Energy (MeV)

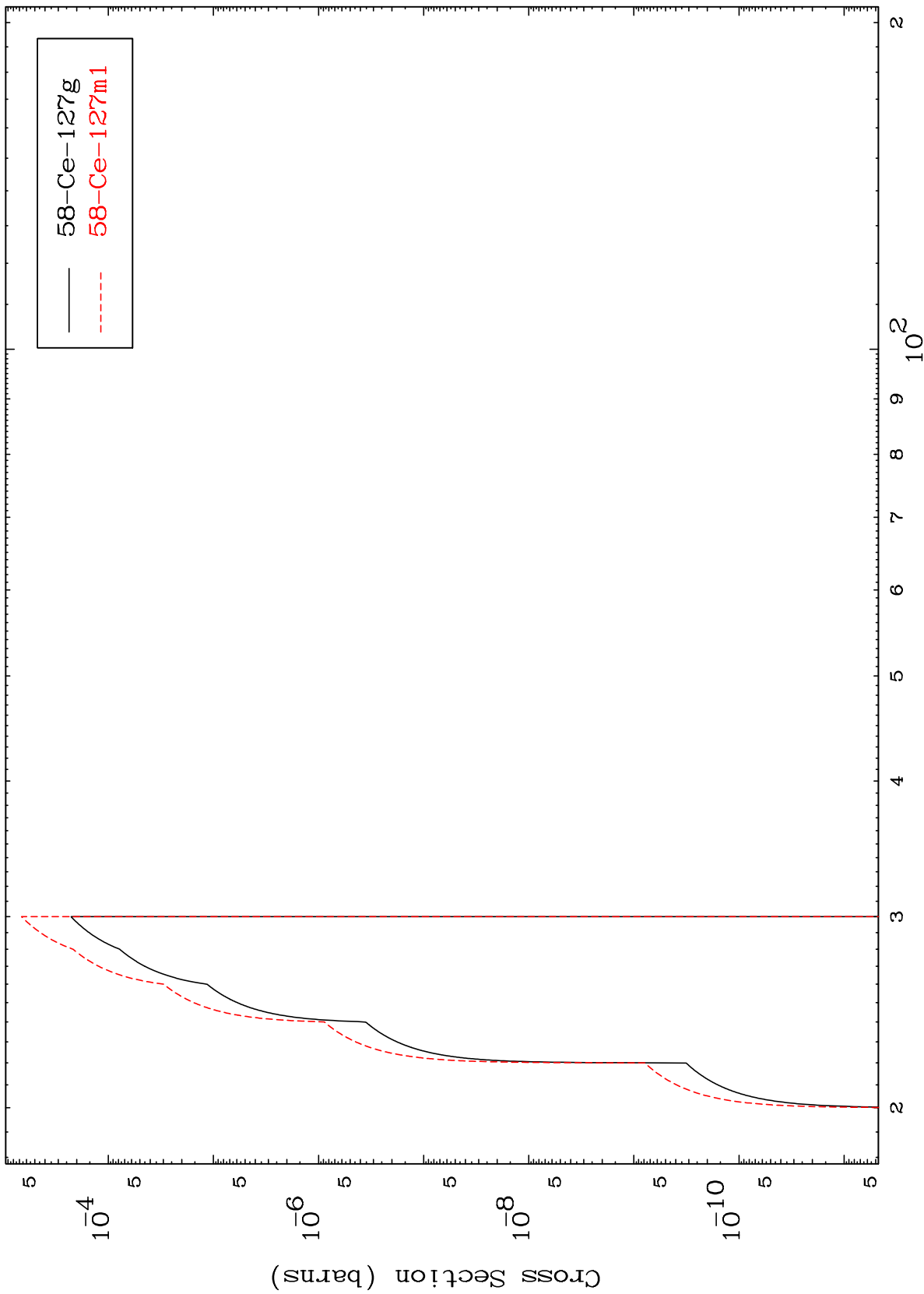
58-Ce-129

MAT 5804

(n,n') d

58-Ce-129

Radionuclide Production Cross Section



15

Incident Energy (MeV)

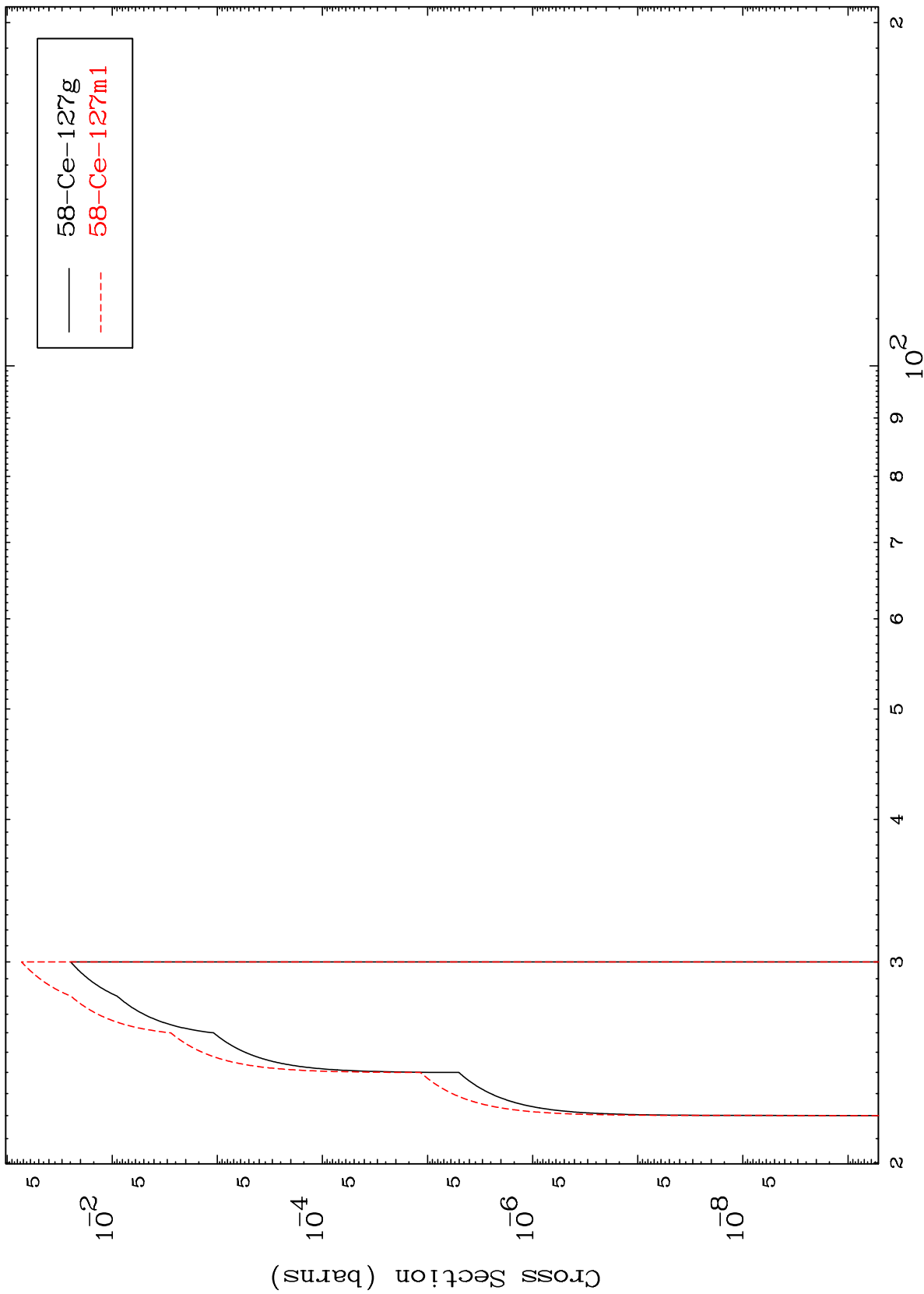
58-Ce-129

MAT 5804

(n,2n) p

58-Ce-129

Radionuclide Production Cross Section



16

Incident Energy (MeV)

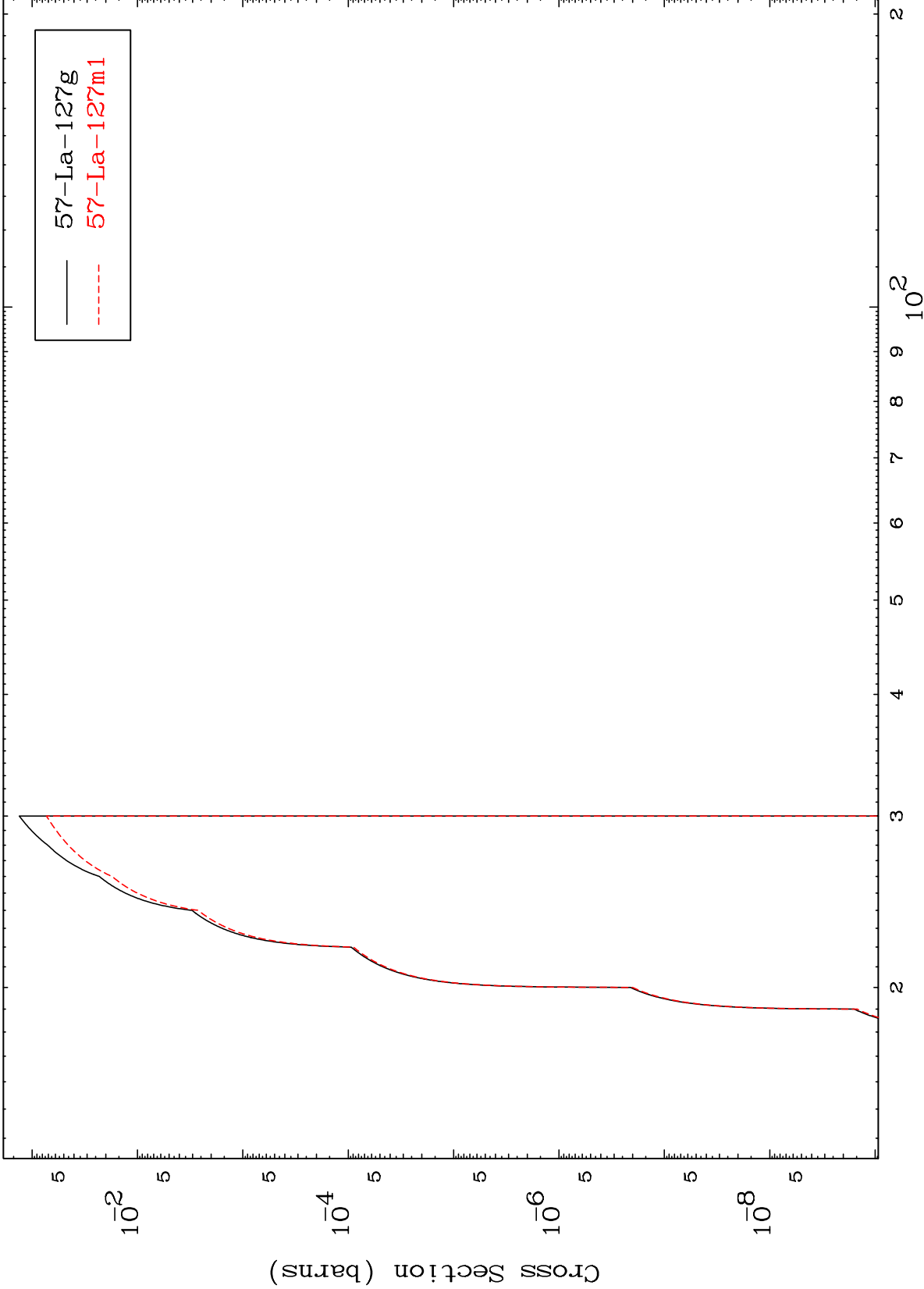
58-Ce-129

MAT 5804

(n,2n) p

58-Ce-129

Radionuclide Production Cross Section



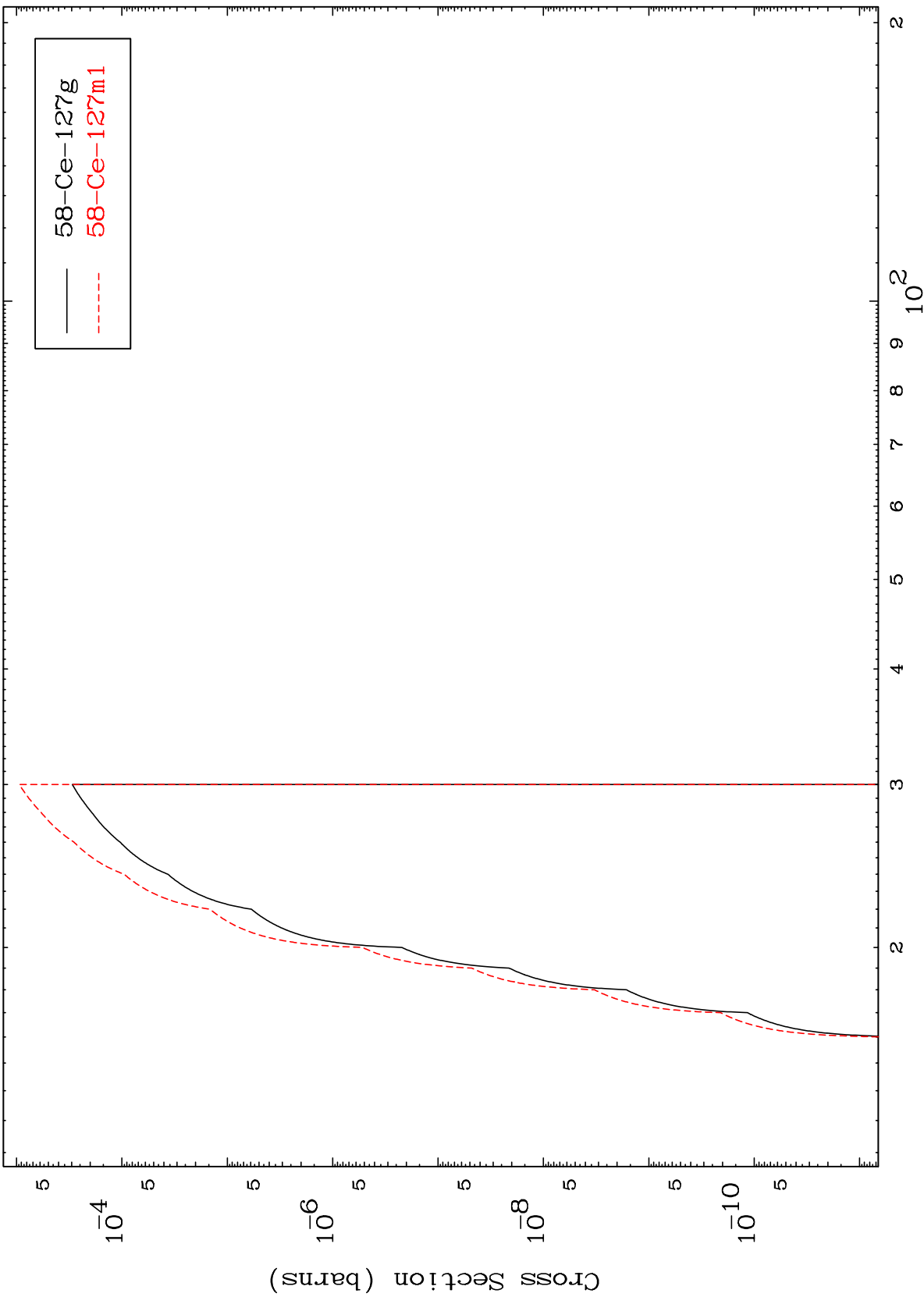
57-La-127g
57-La-127m1

MAT 5804

(n, t)

58-Ce-129

Radionuclide Production Cross Section



18

Incident Energy (MeV)

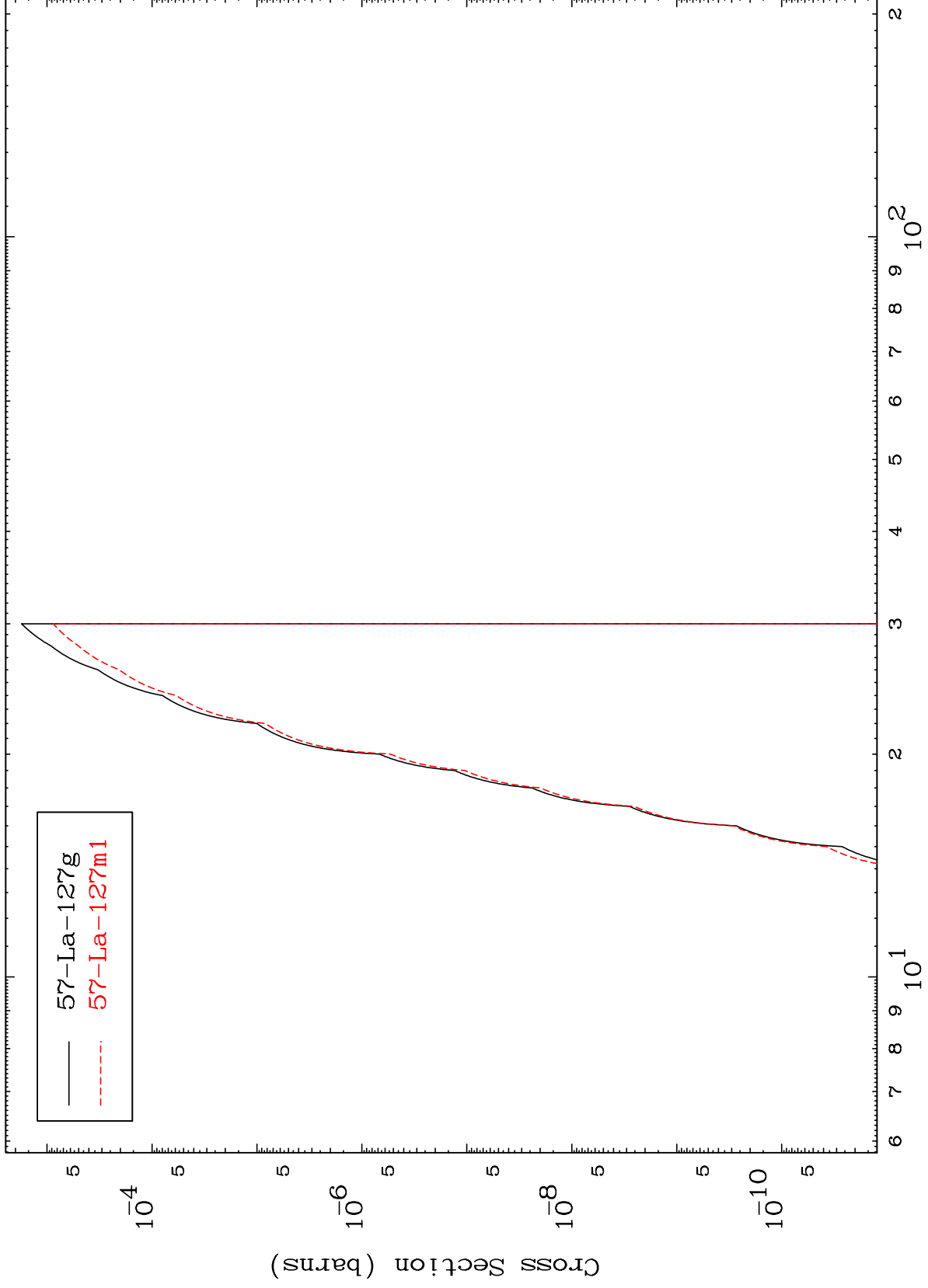
58-Ce-129

MAT 5804

(n,He-3)

58-Ce-129

Radionuclide Production Cross Section



19

Incident Energy (MeV)

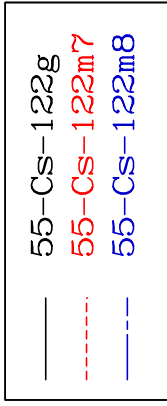
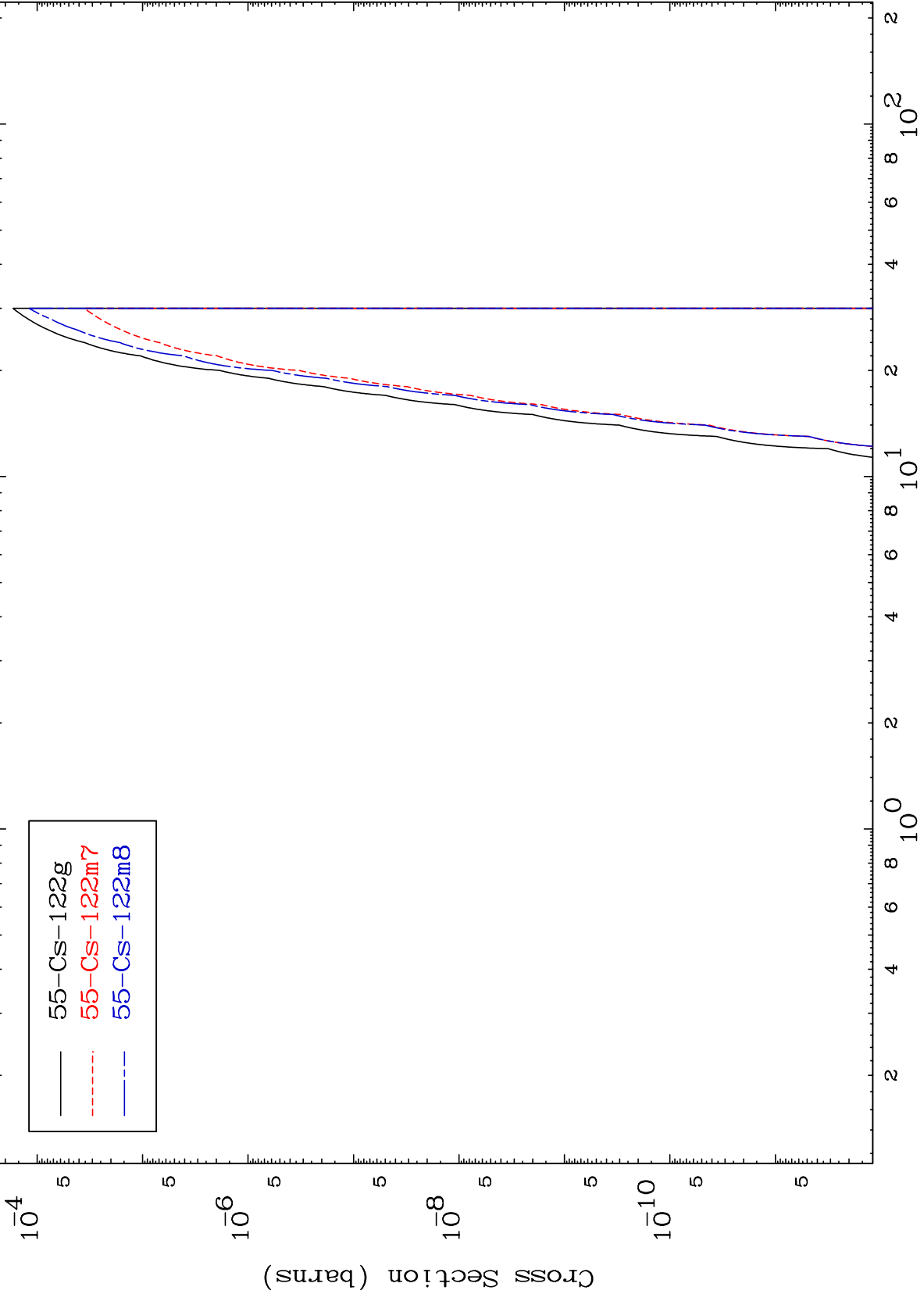
58-Ce-129

MAT 5804

(n,2α)

58-Ce-129

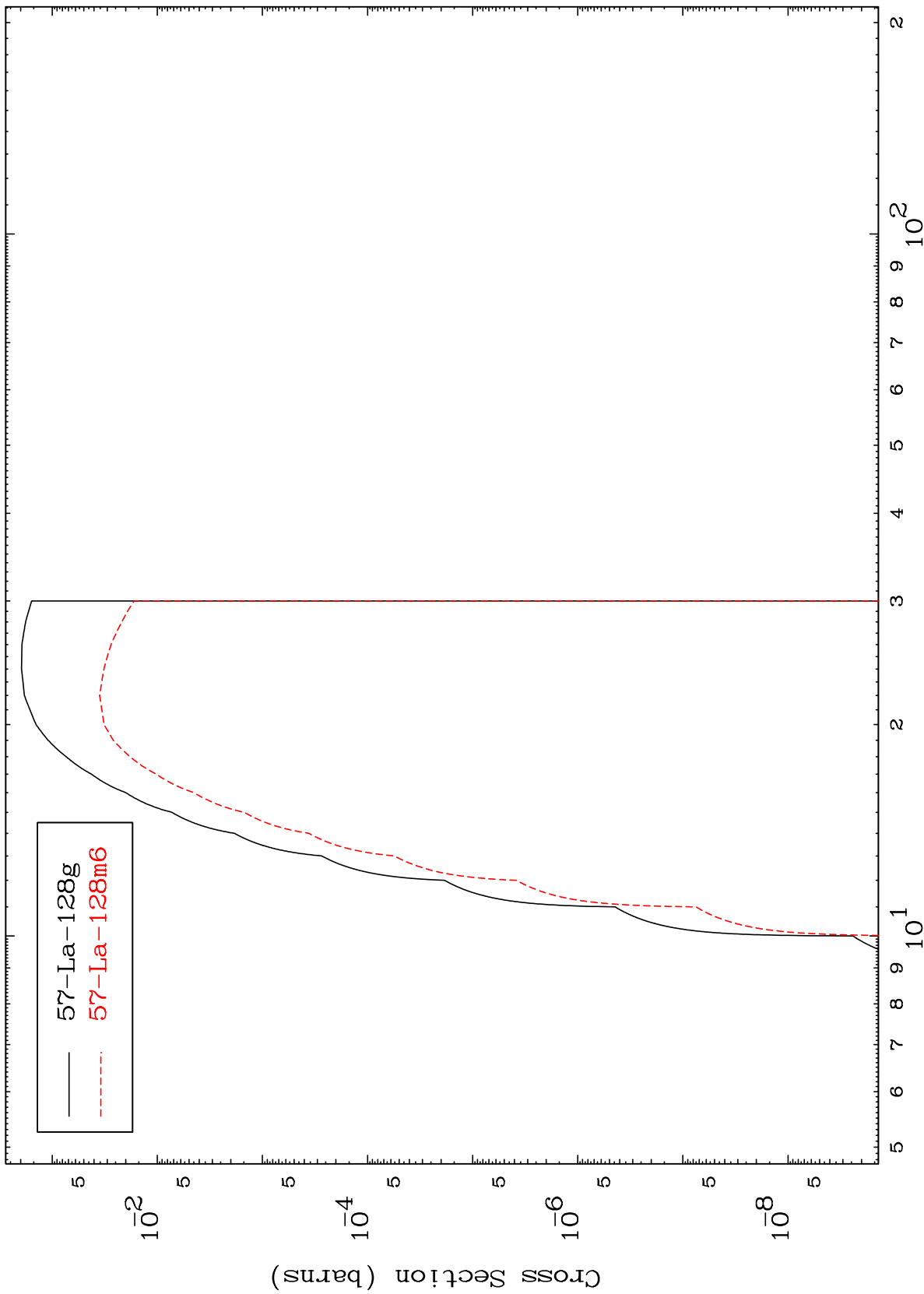
Radionuclide Production Cross Section



MAT 5804

58-Ce-129

(n,2p)
Radionuclide Production Cross Section



— 57-La-128g
- - - 57-La-128m6

58-Ce-129

Incident Energy (MeV)

21

MAT 5804

(n,p) d

58-Ce-129

Radionuclide Production Cross Section

