

Program EVALPLOT
(Version 2021-1)

by

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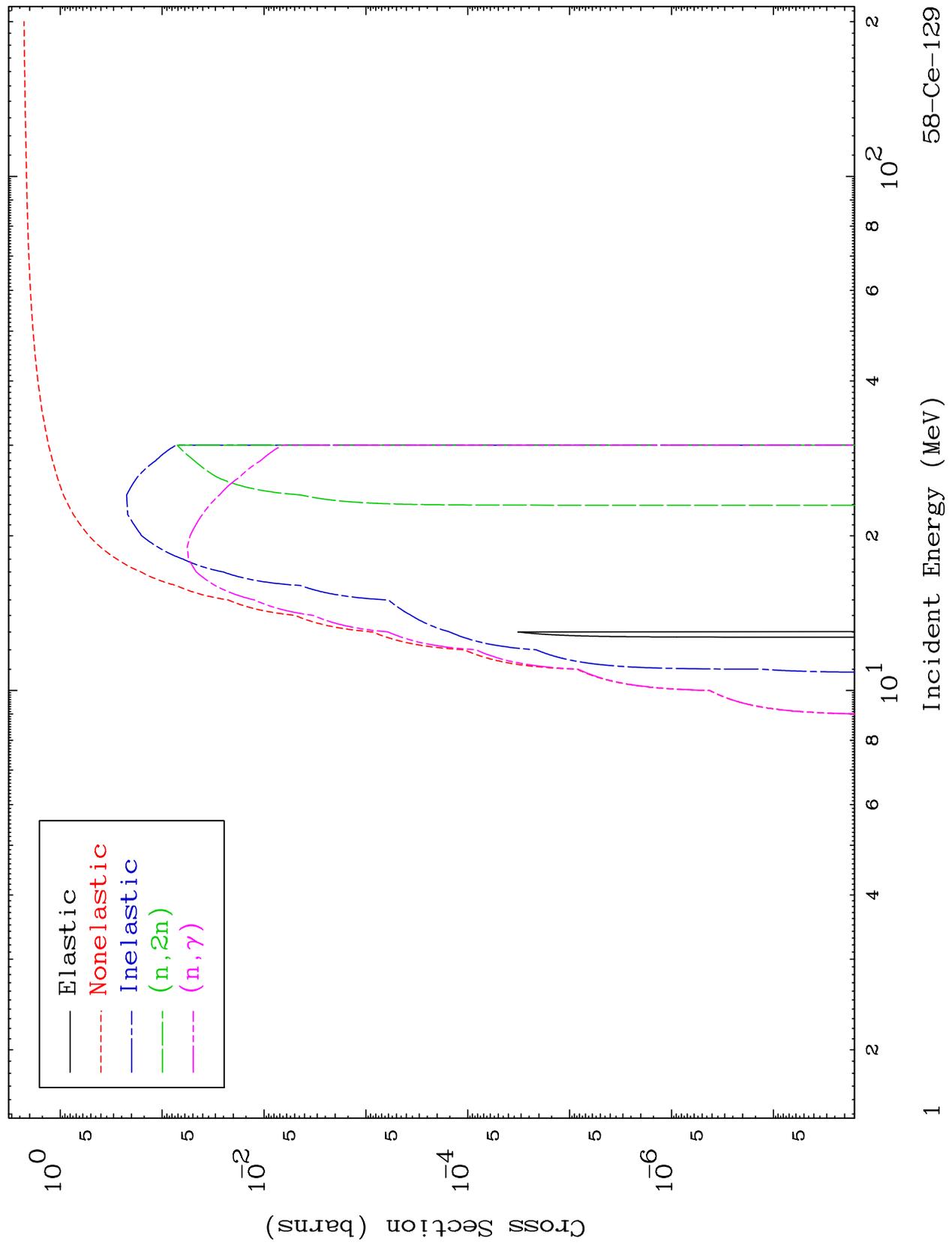
Press Mouse Button to Start

MAT 5804

0 Kelvin

Major Cross Sections

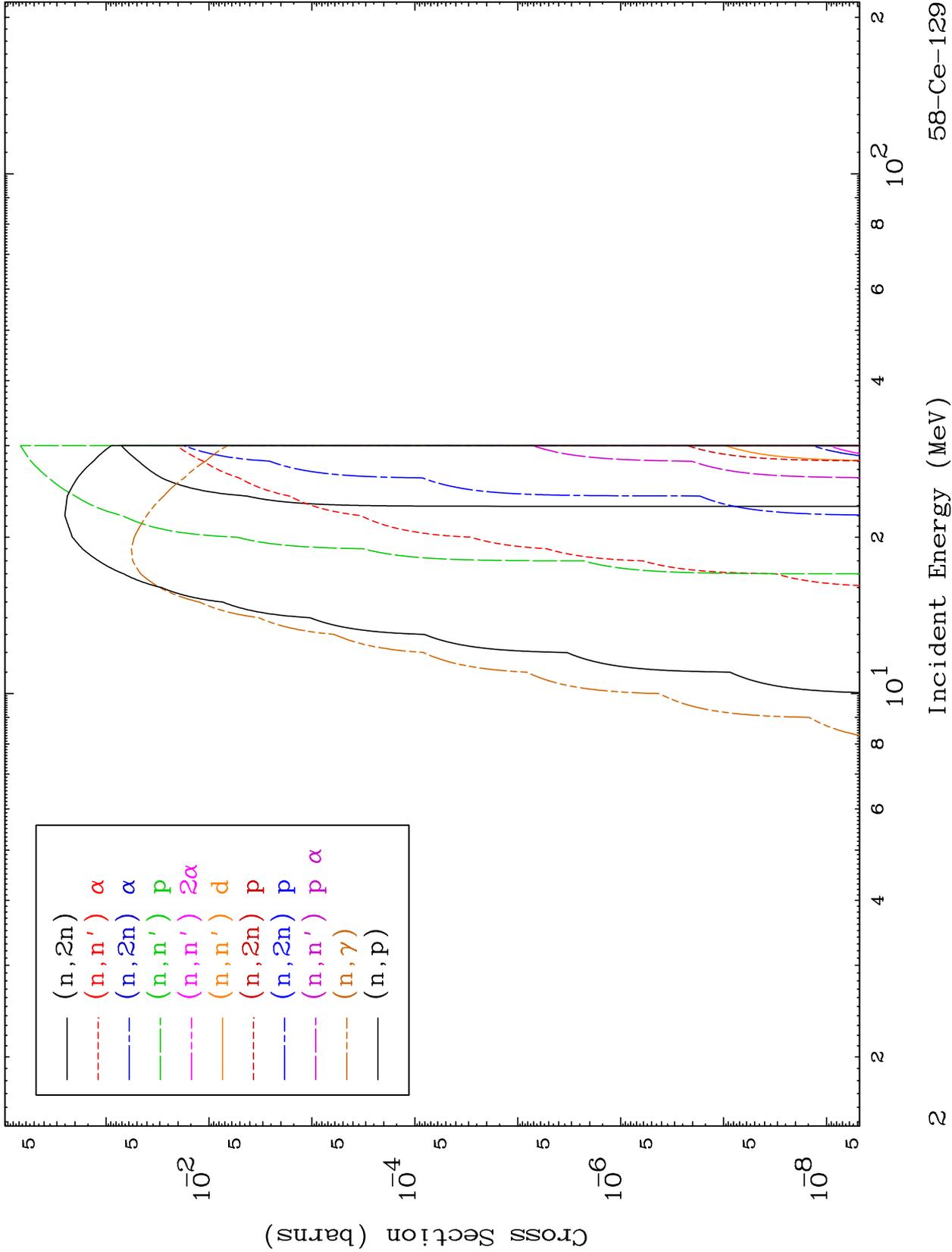
58-Ce-129

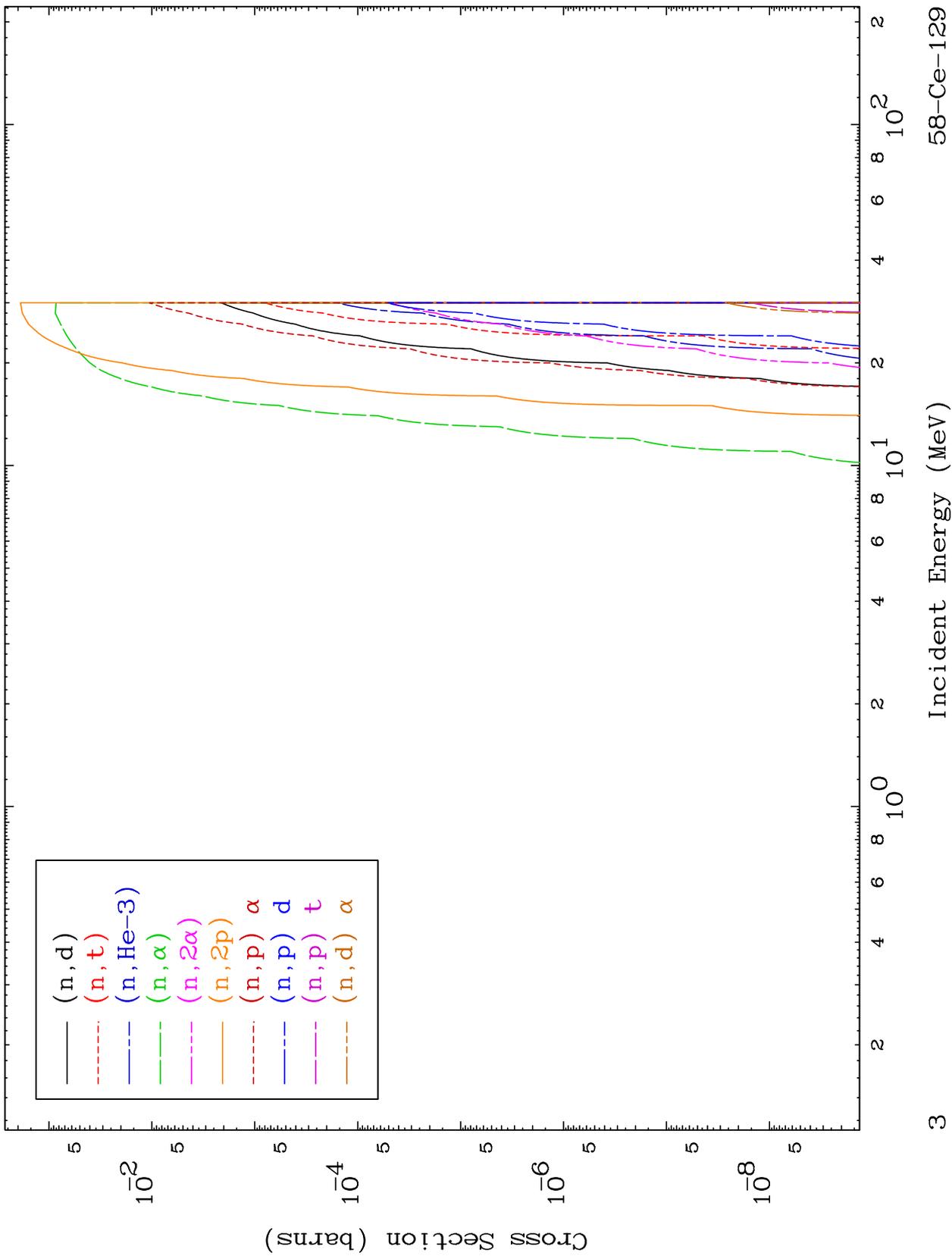


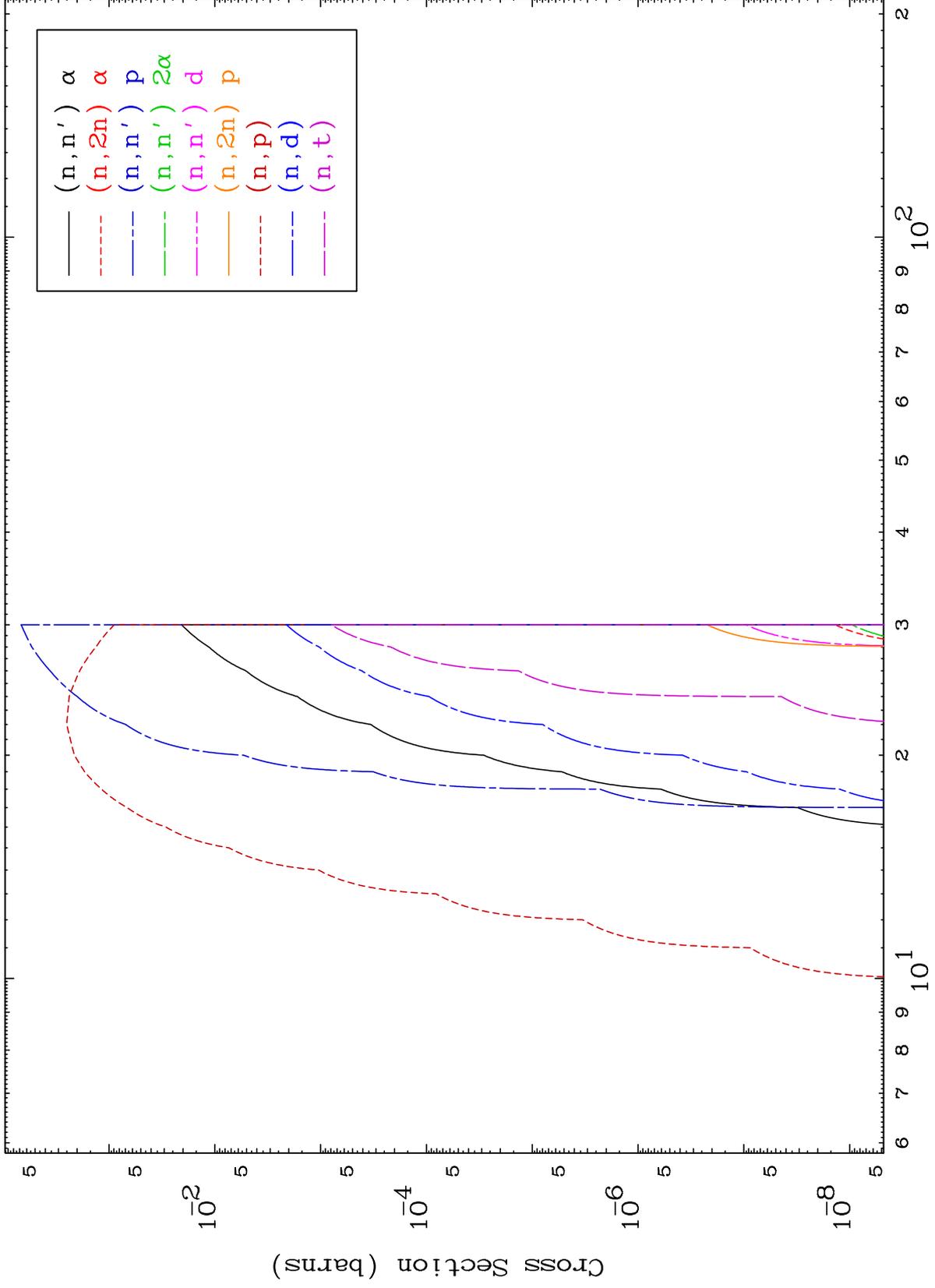
MAT 5804

α Neutron Absorption
0 Kelvin Cross Sections

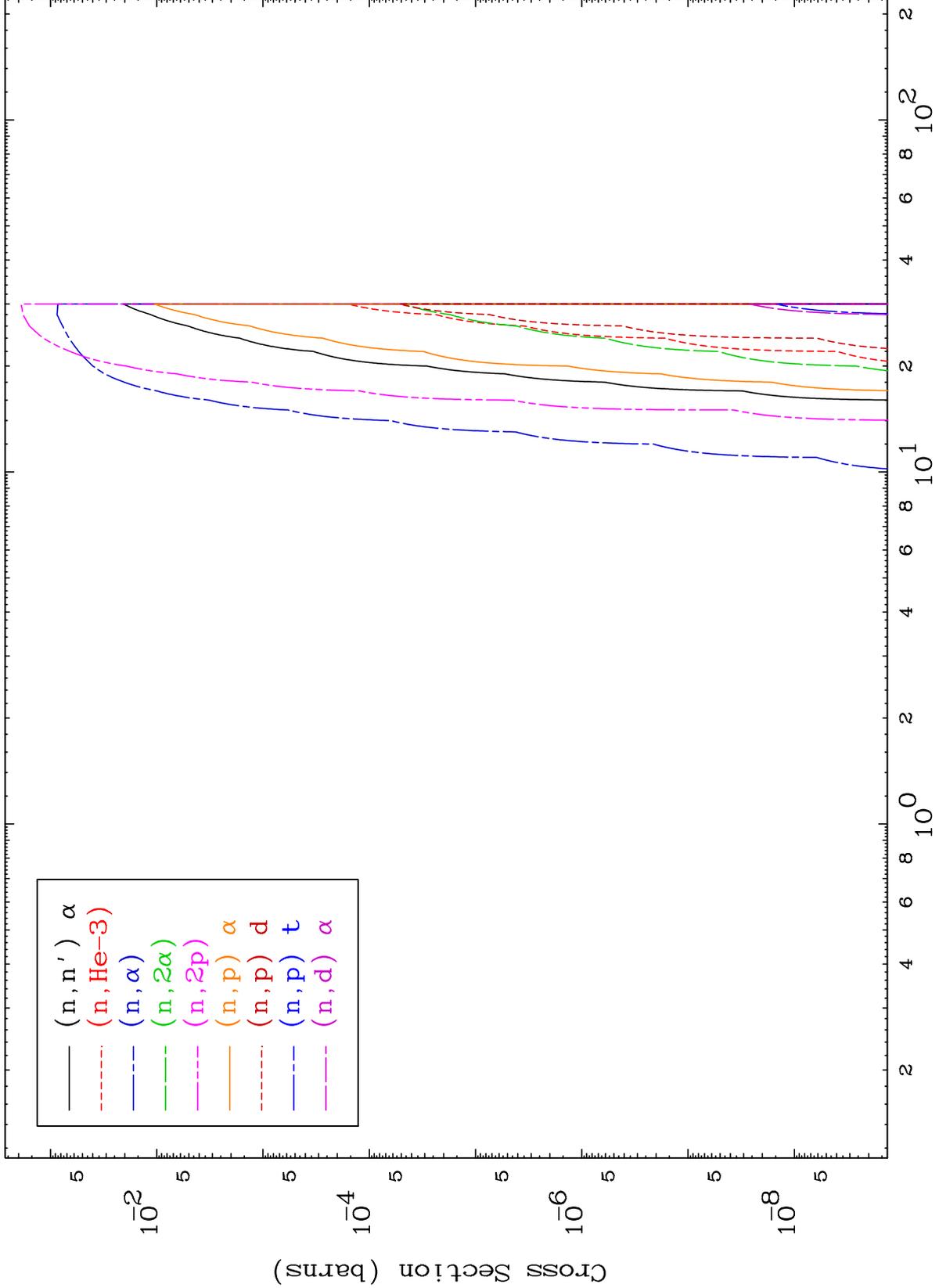
58-Ce-129







0 Kelvin Cross Sections

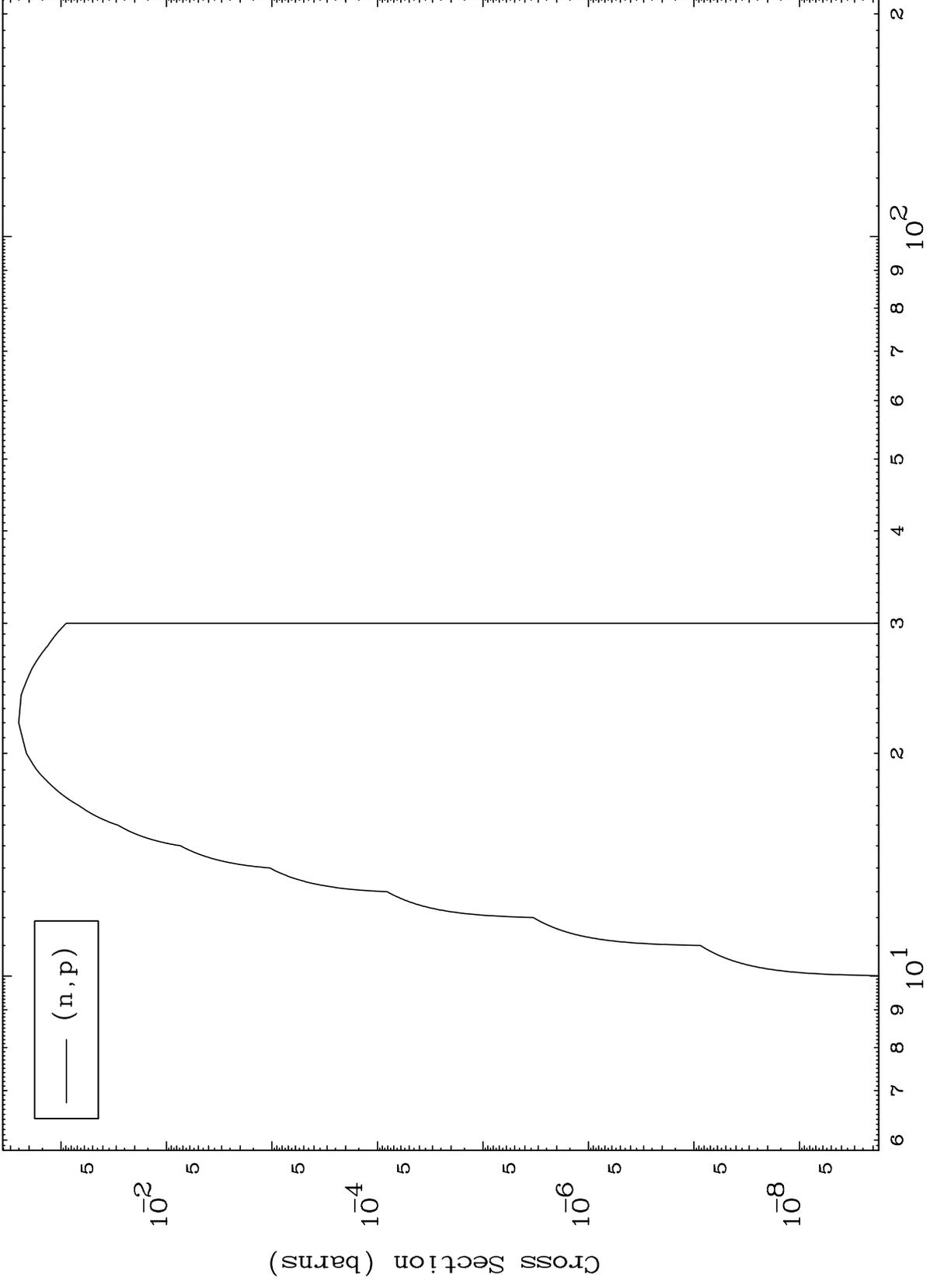


MAT 5804

(α, p) Levels

58-Ce-129

0 Kelvin Cross Sections



6

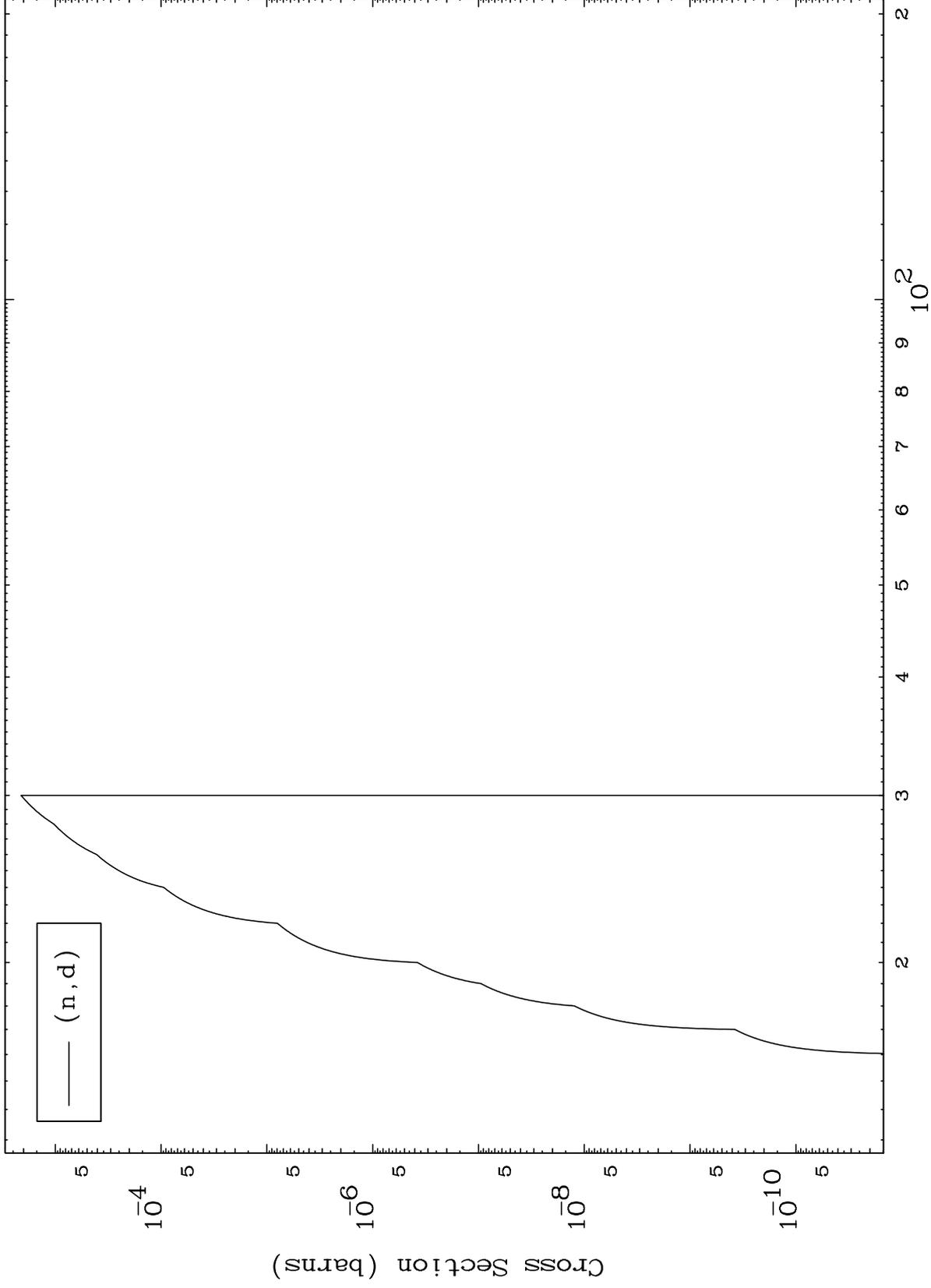
Incident Energy (MeV)

58-Ce-129

MAT 5804

(α, d) Levels
0 Kelvin Cross Sections

58-Ce-129



7

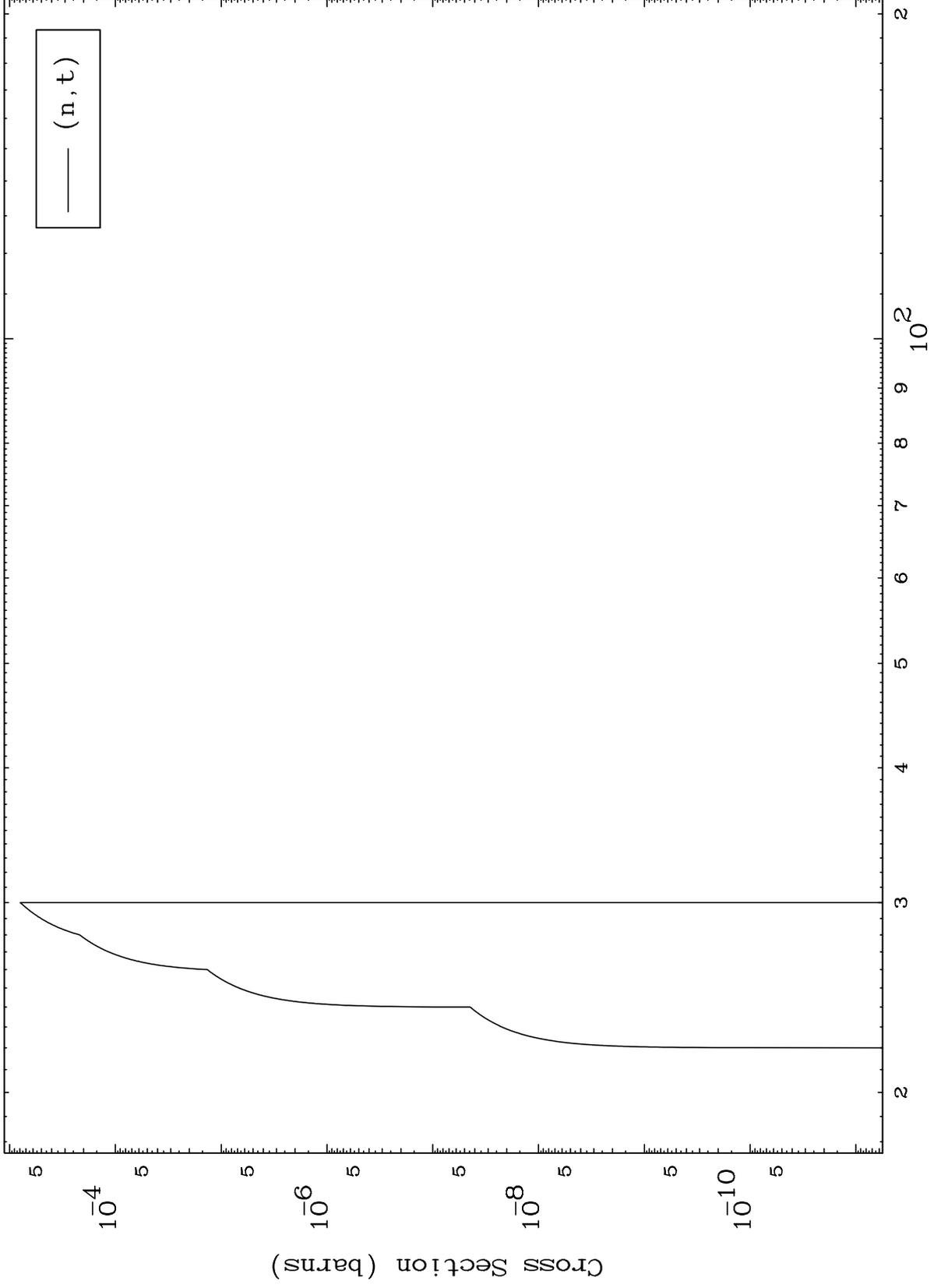
Incident Energy (MeV)

58-Ce-129

MAT 5804

(α, t) Levels
0 Kelvin Cross Sections

58-Ce-129



8

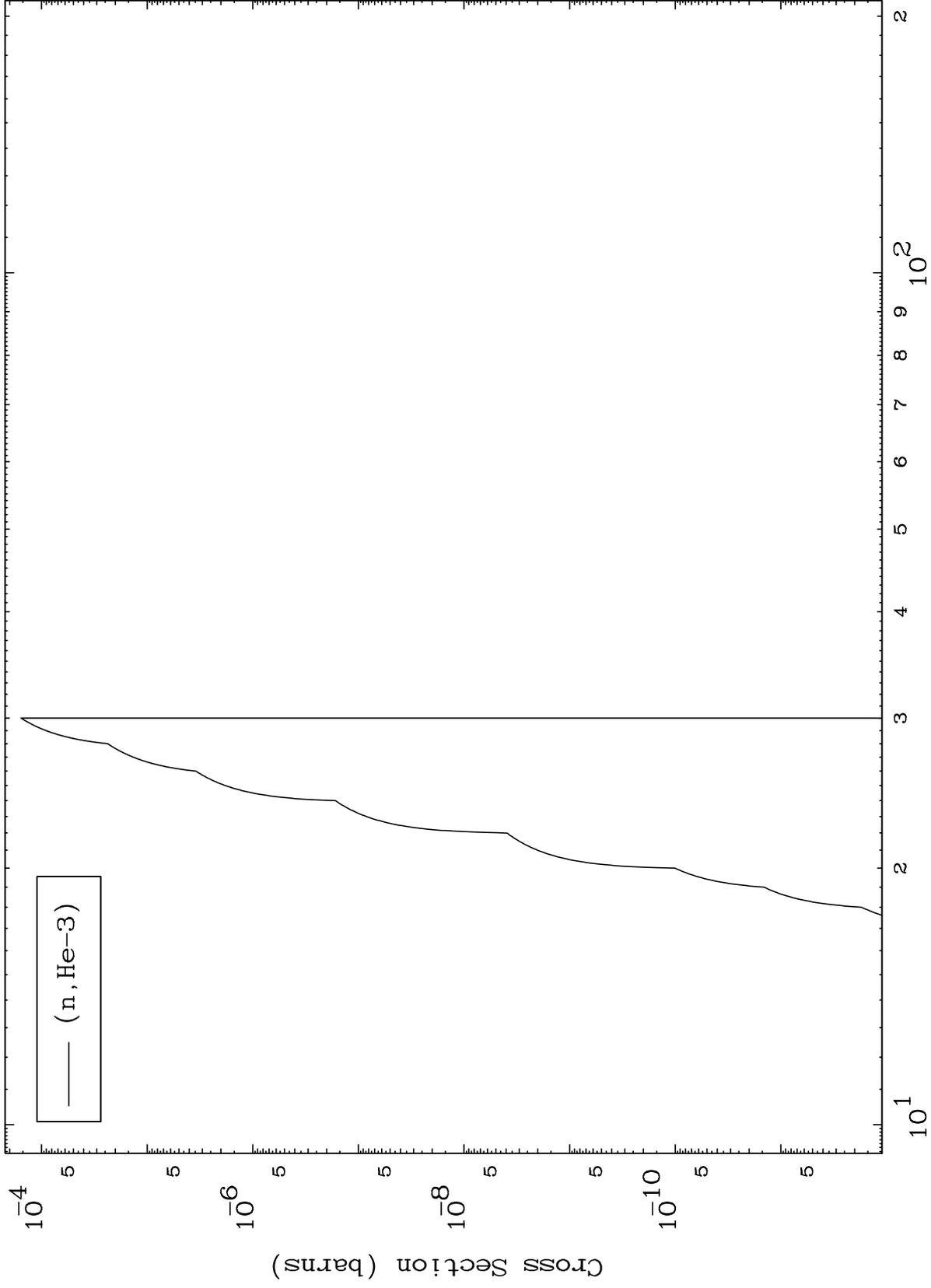
Incident Energy (MeV)

58-Ce-129

MAT 5804

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

58-Ce-129



Incident Energy (MeV)

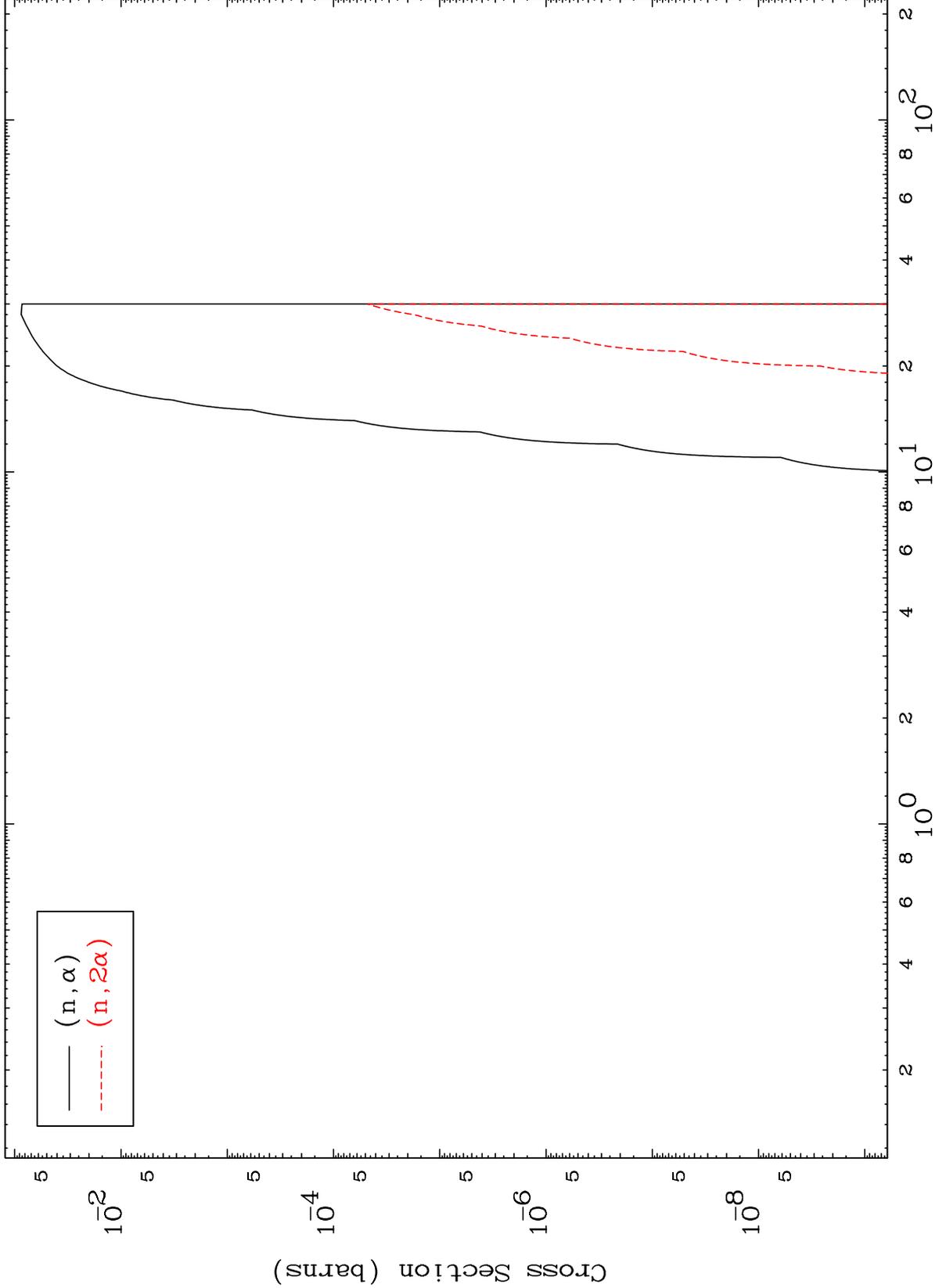
58-Ce-129

MAT 5804

(α, α) Levels

58-Ce-129

0 Kelvin Cross Sections



— (n, α)
- - - ($n, 2\alpha$)

10

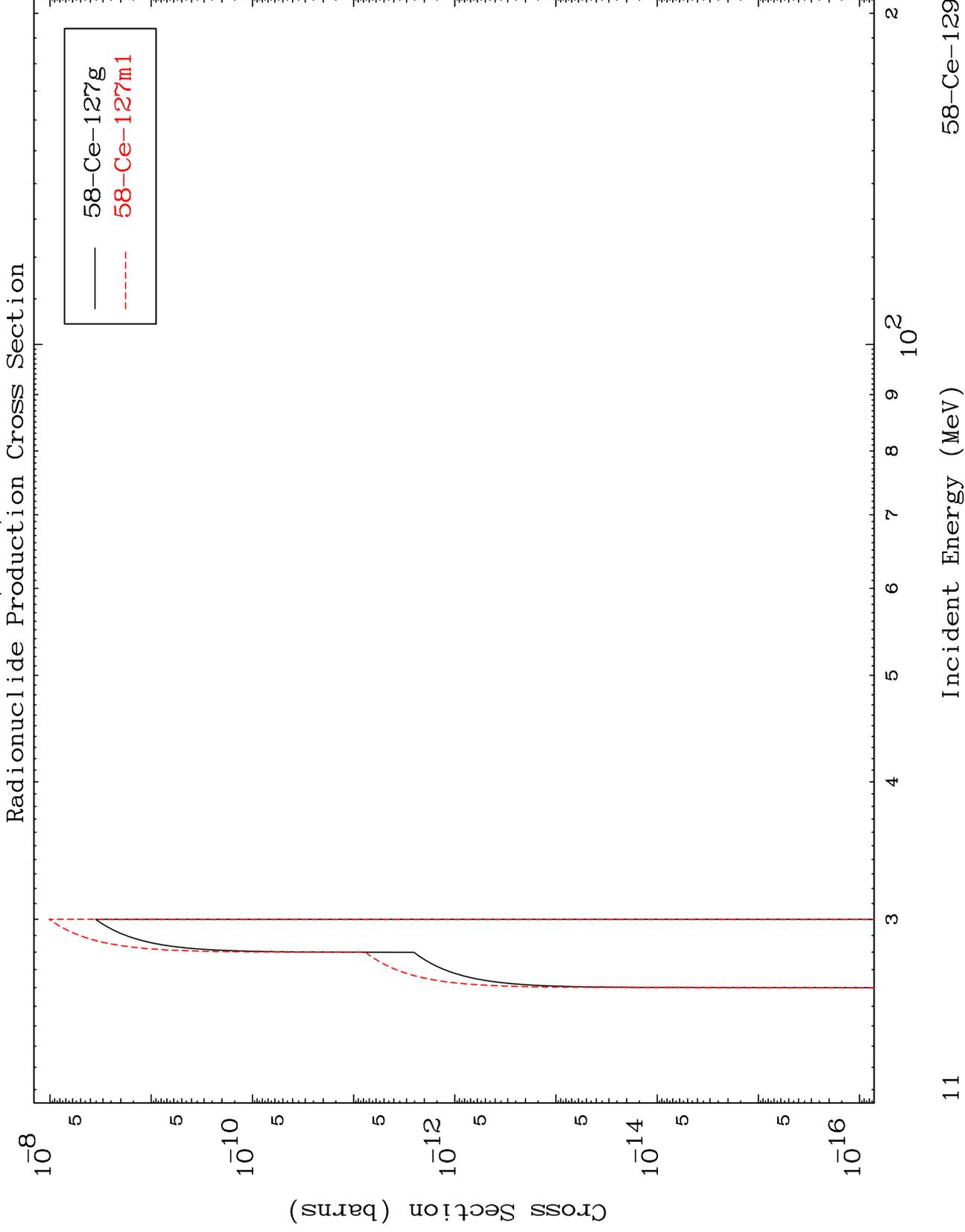
Incident Energy (MeV)

58-Ce-129

MAT 5804

(n,2n) α

58-Ce-129

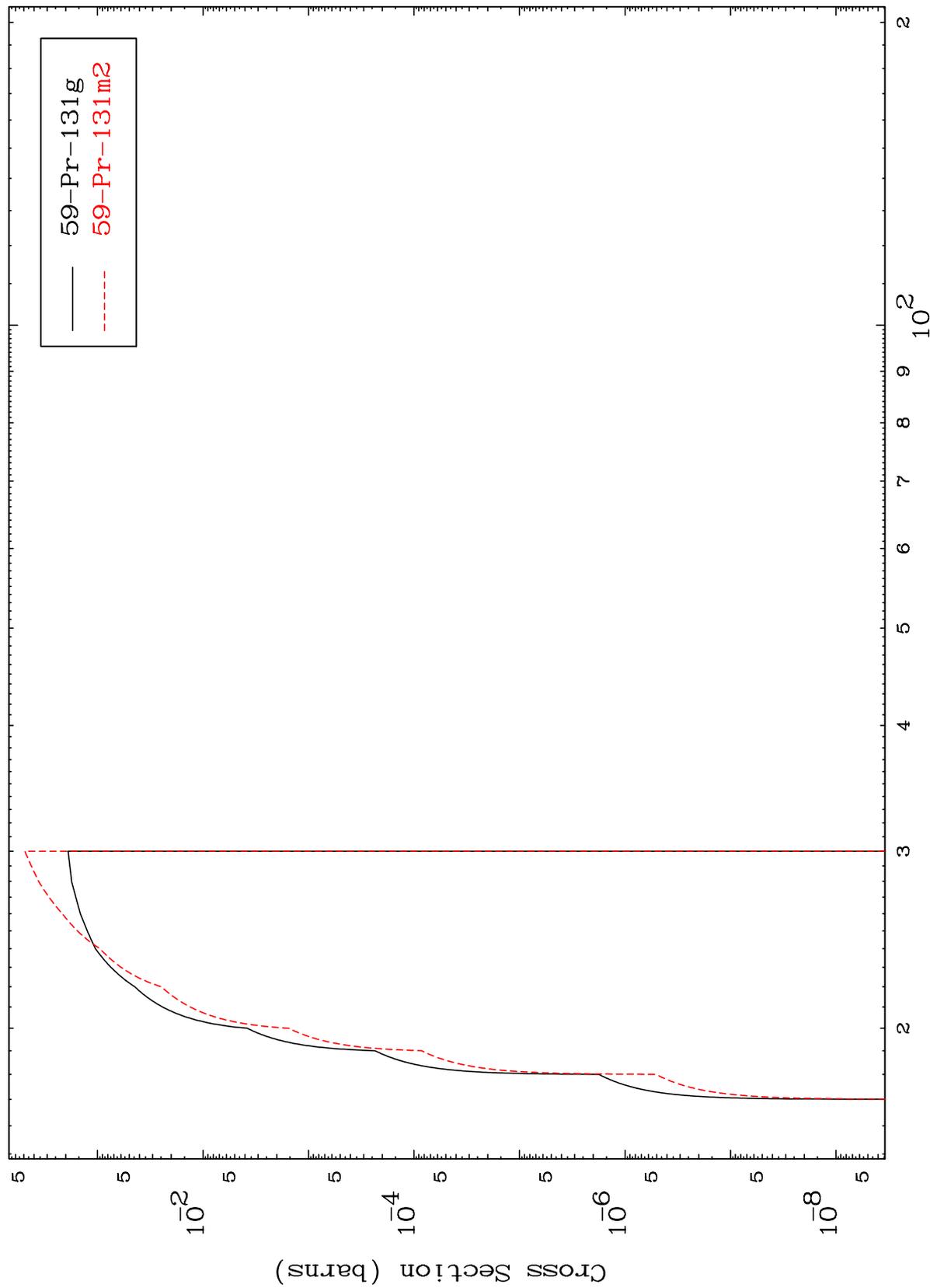


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(n,n') p

58-Ce-129

Radionuclide Production Cross Section



12

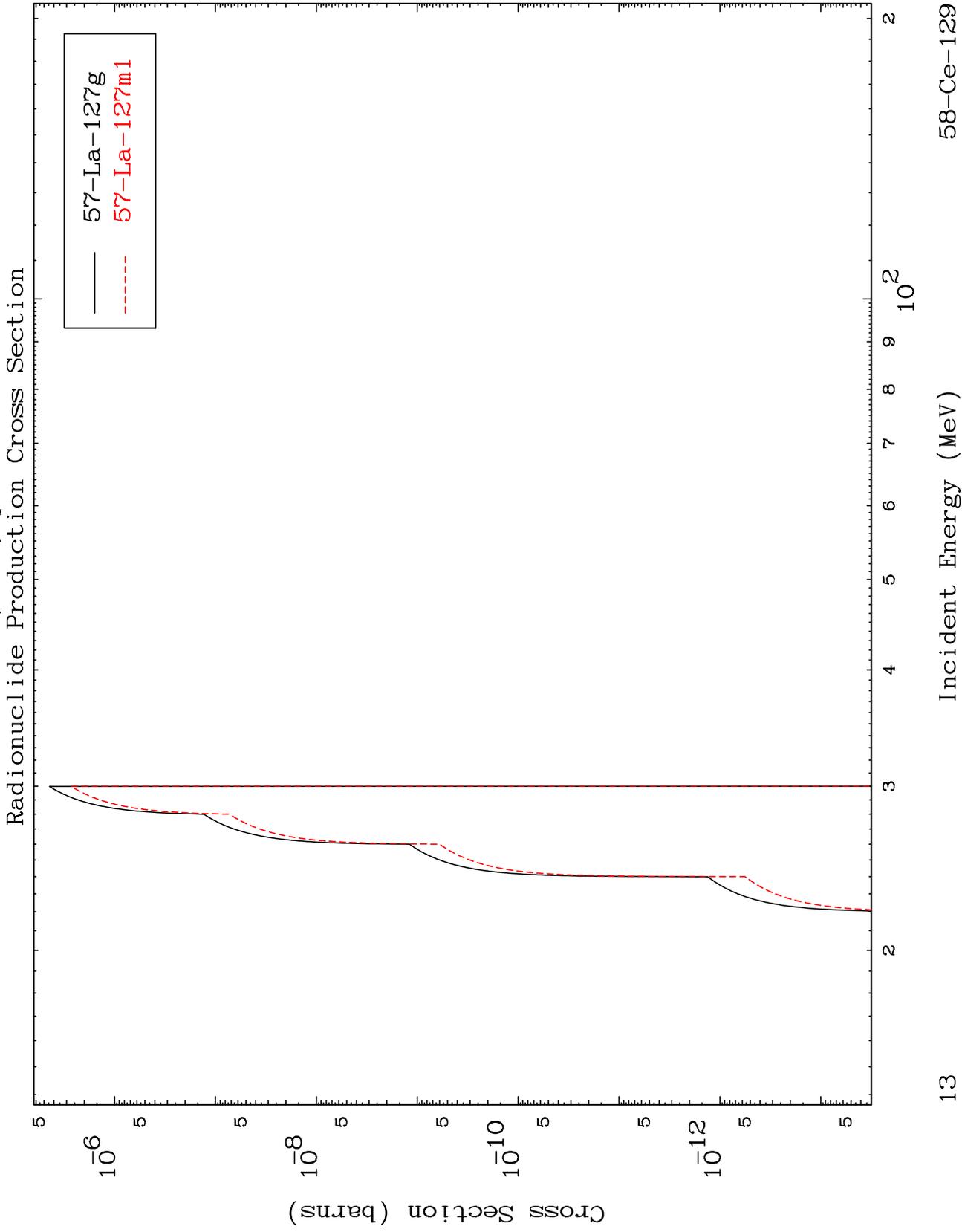
Incident Energy (MeV)

58-Ce-129

MAT 5804

(n,n') p α

58-Ce-129



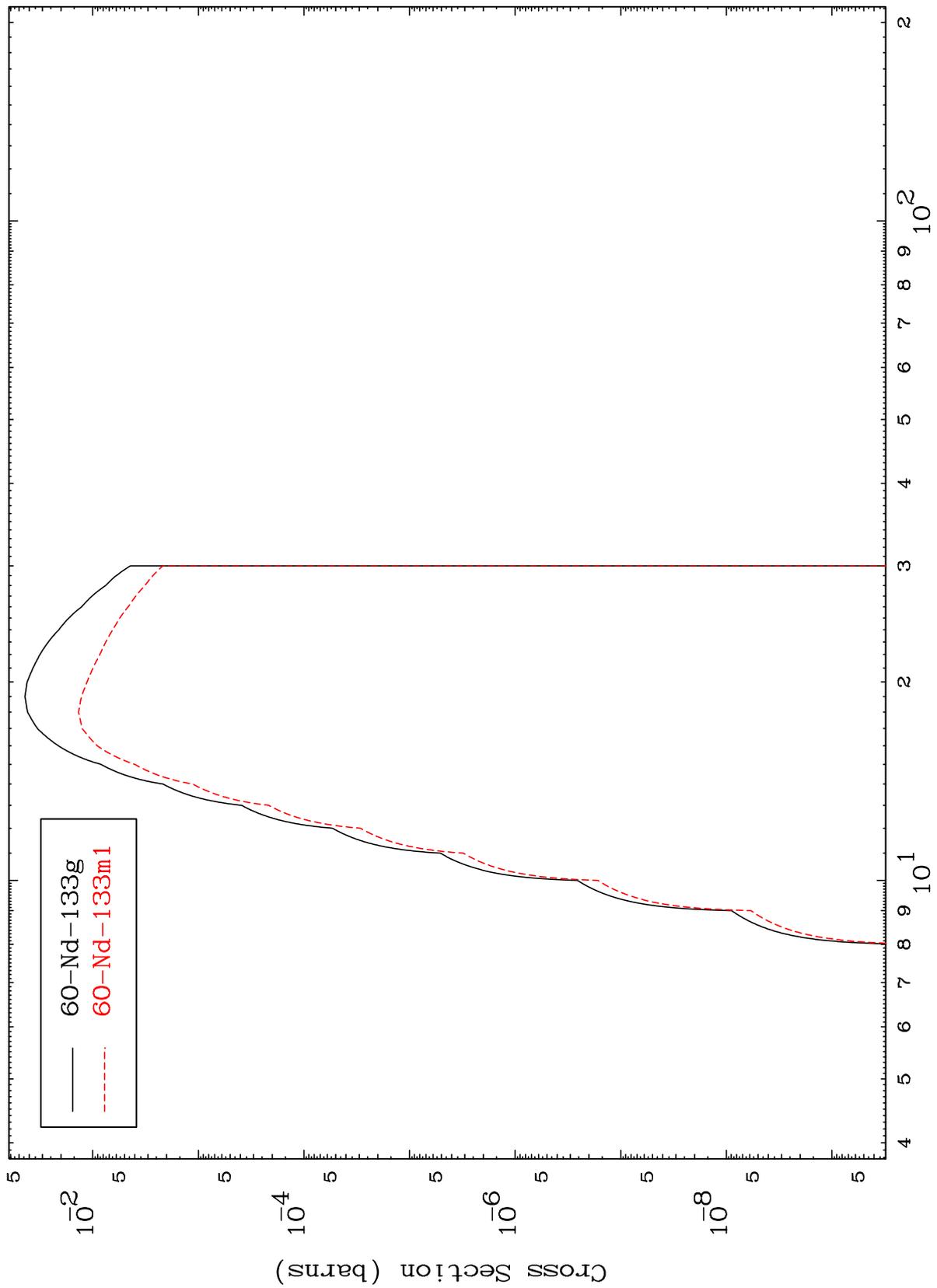
13

58-Ce-129

MAT 5804

58-Ce-129

(n, γ)
Radionuclide Production Cross Section



58-Ce-129

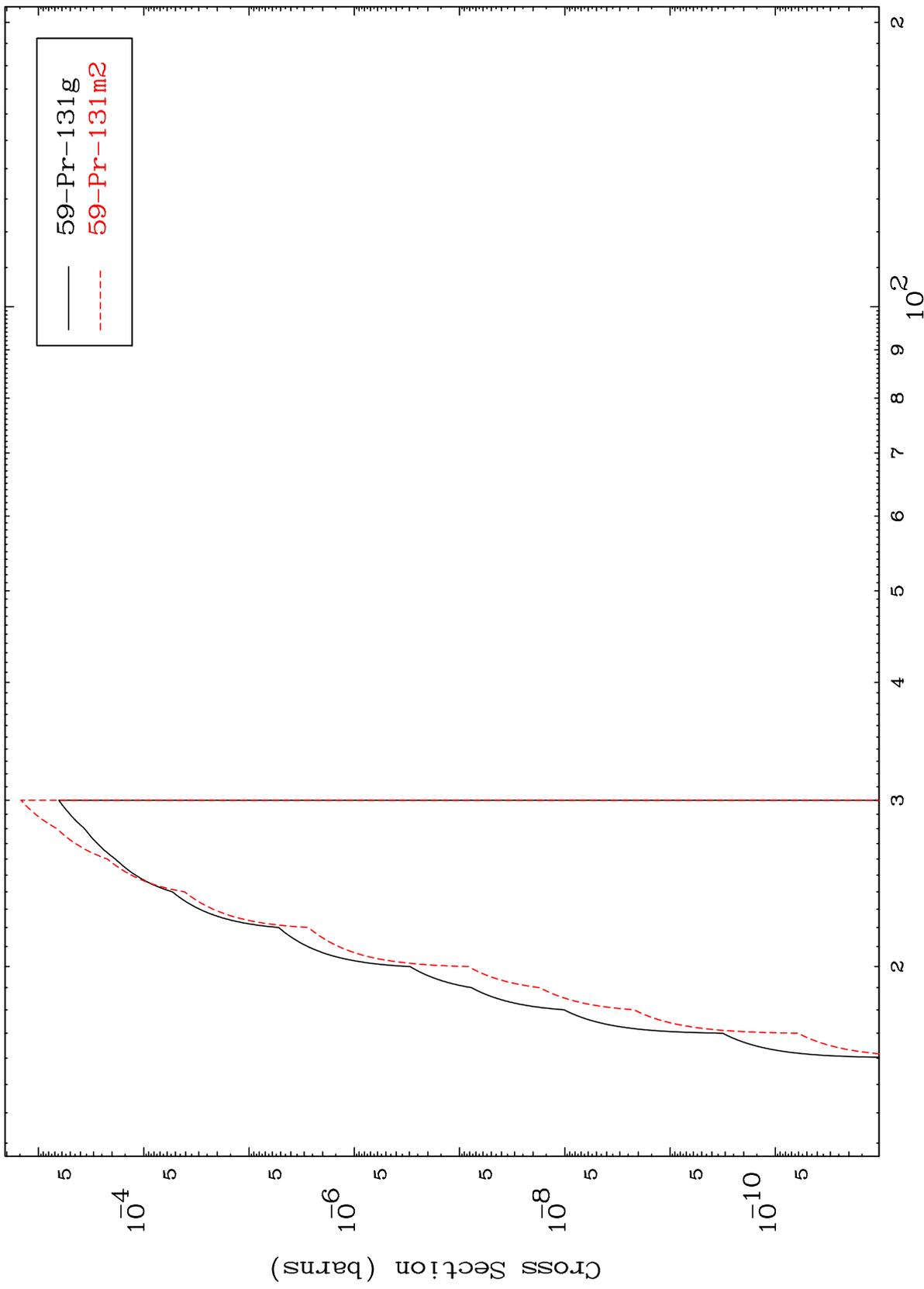
Incident Energy (MeV)

14

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58-Ce-129

(n,d)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

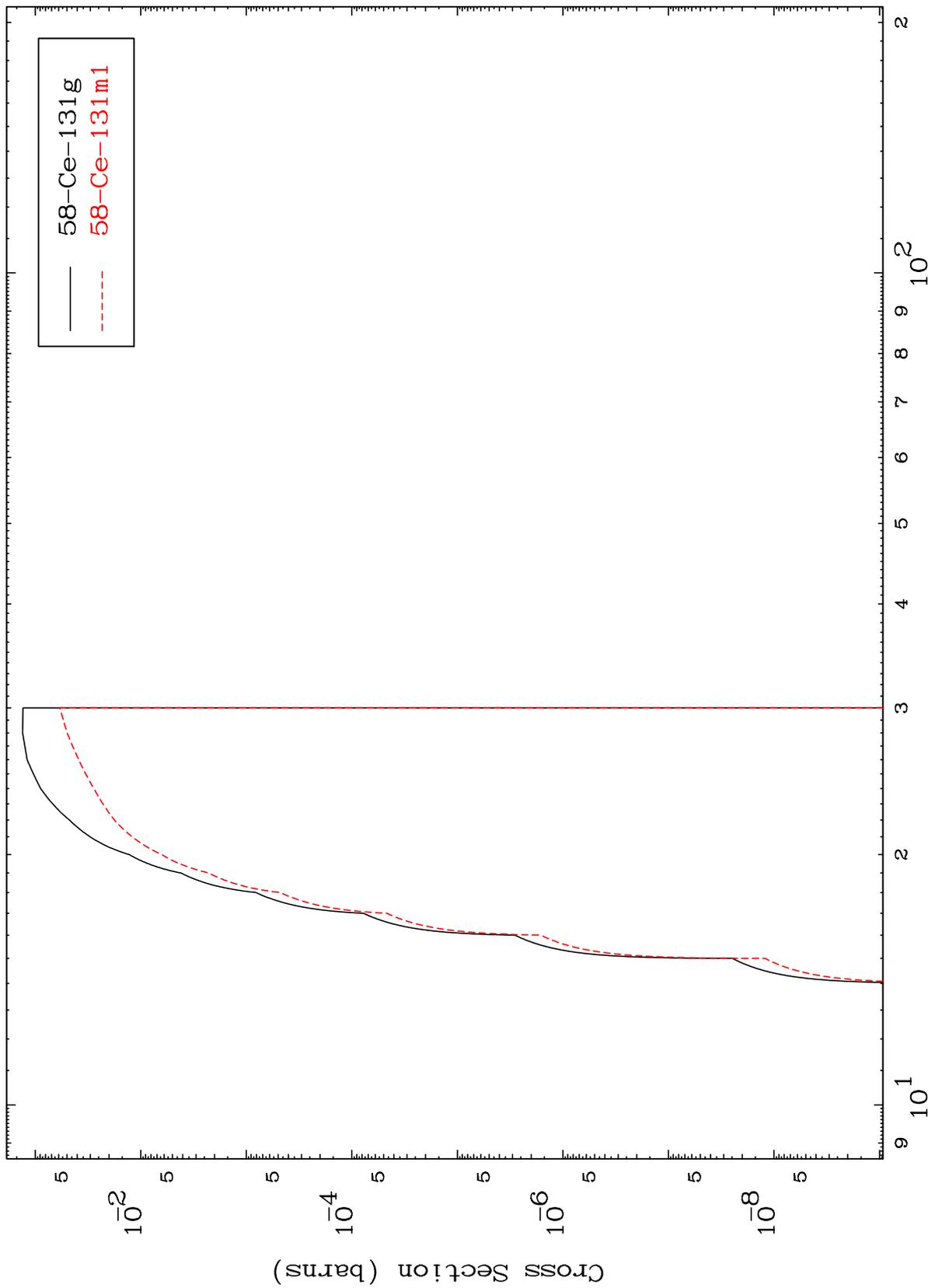
58-Ce-129

MAT 5804

58-Ce-129

(n,2p)

Radionuclide Production Cross Section



58-Ce-129

Incident Energy (MeV)

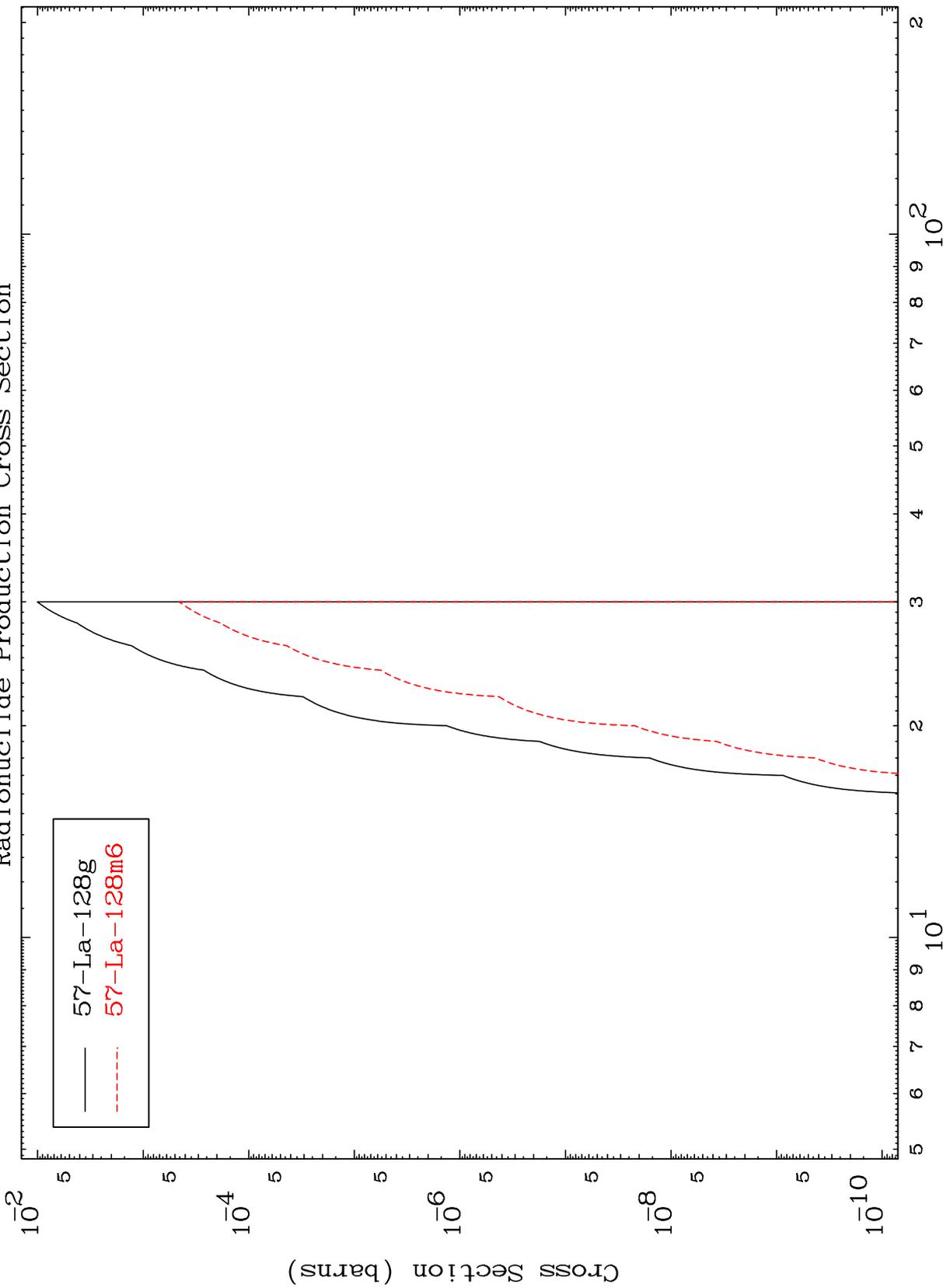
16

MAT 5804

(n,p) α

58-Ce-129

Radionuclide Production Cross Section



17

Incident Energy (MeV)

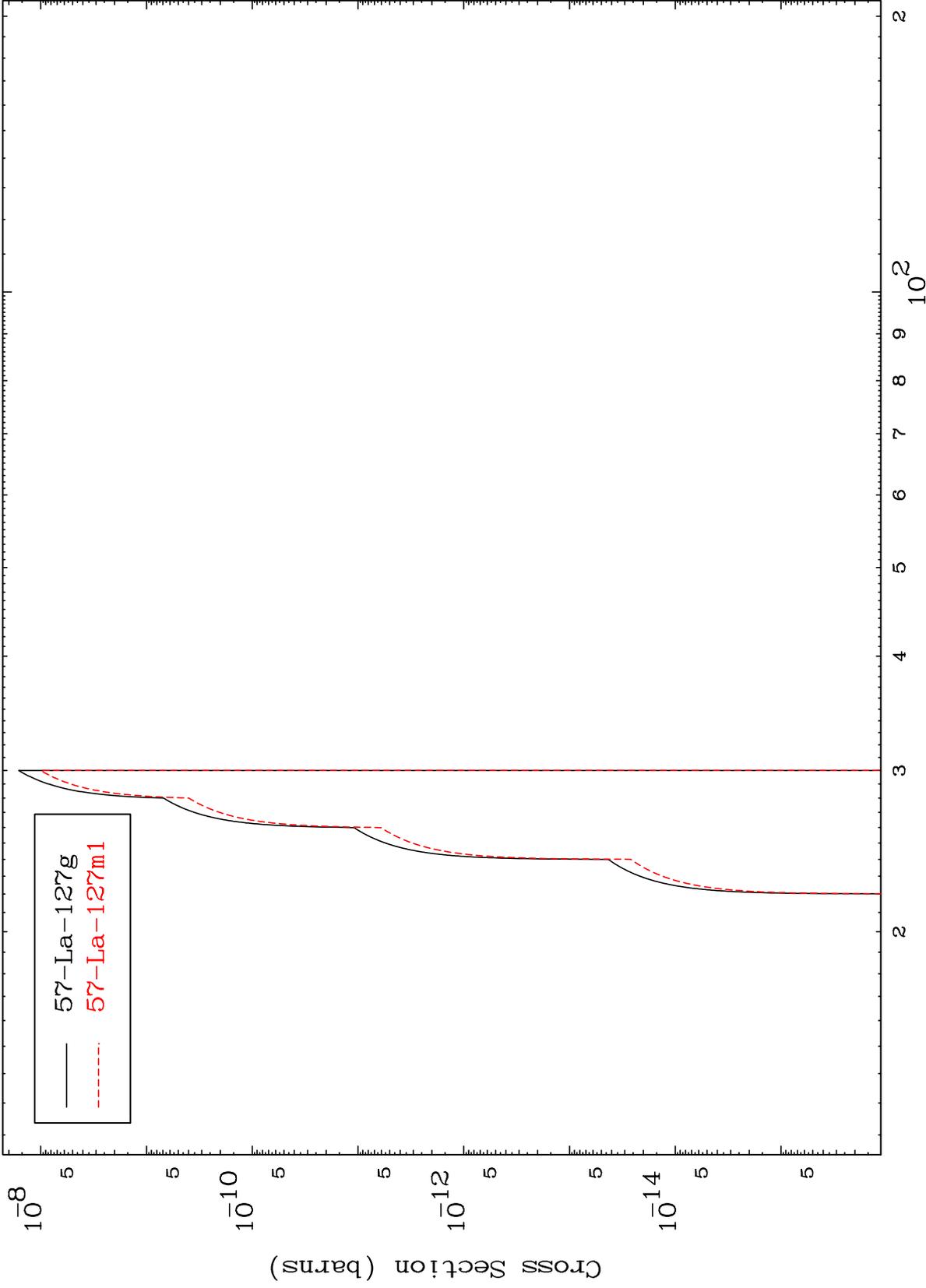
58-Ce-129

MAT 5804

(n,d) α

58-Ce-129

Radionuclide Production Cross Section



18

Incident Energy (MeV)

58-Ce-129