

Program EVALPLOT
(Version 2021-1)

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

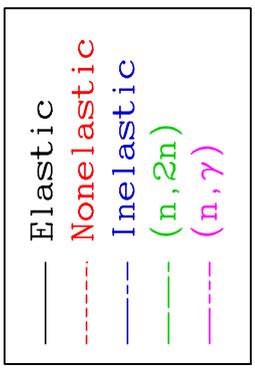
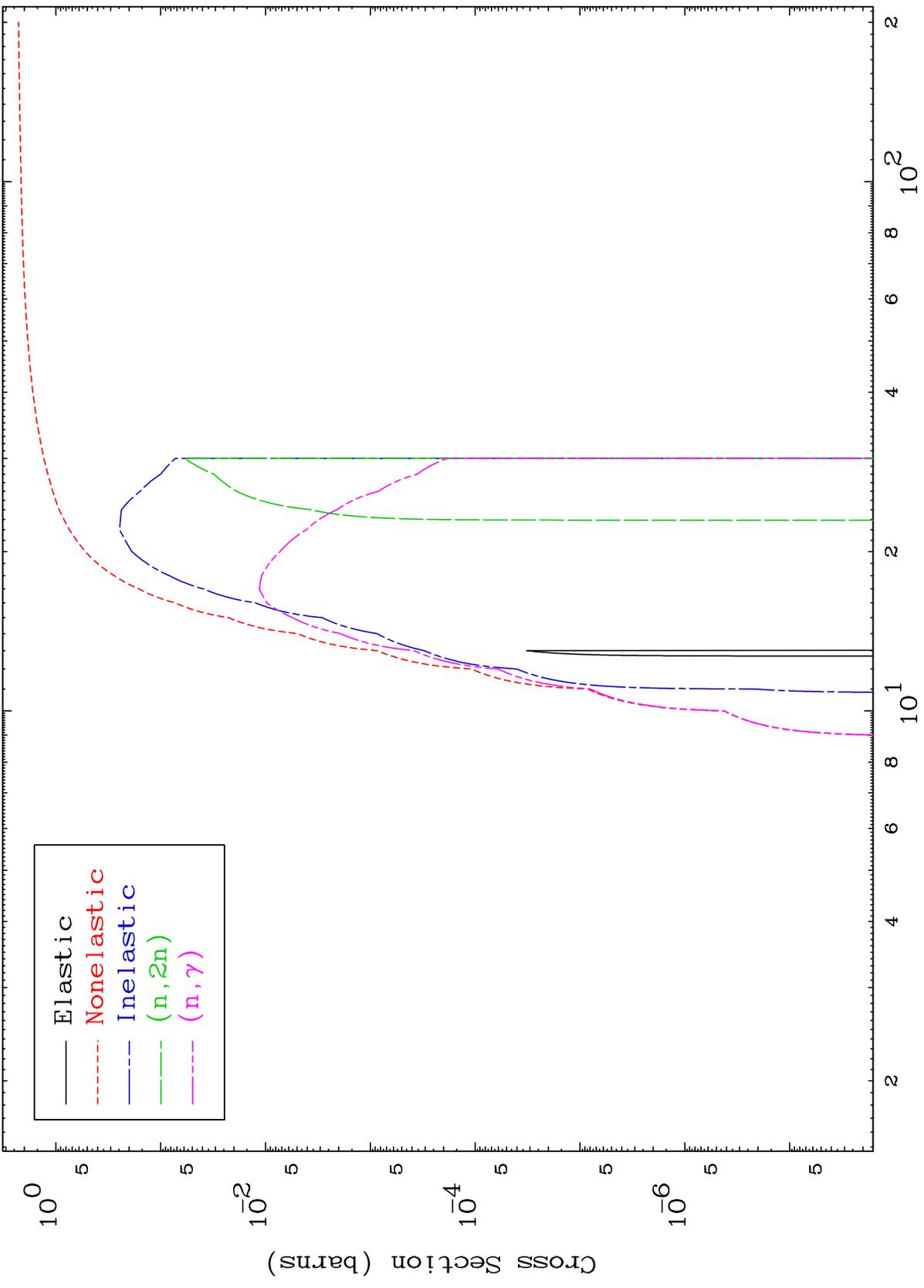
Press Mouse Button to Start

MAT 5804

α Major

58-Ce-129

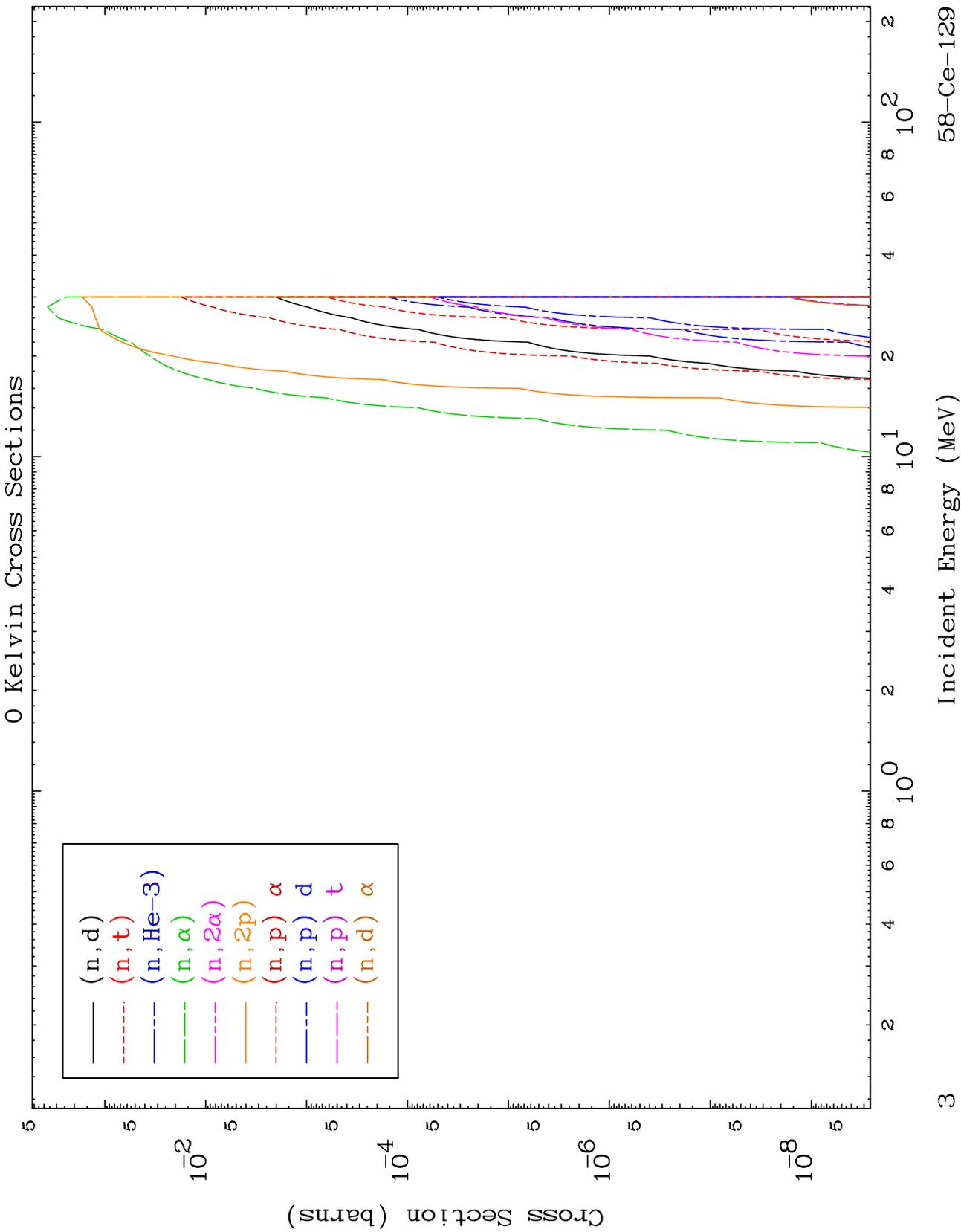
0 Kelvin Cross Sections

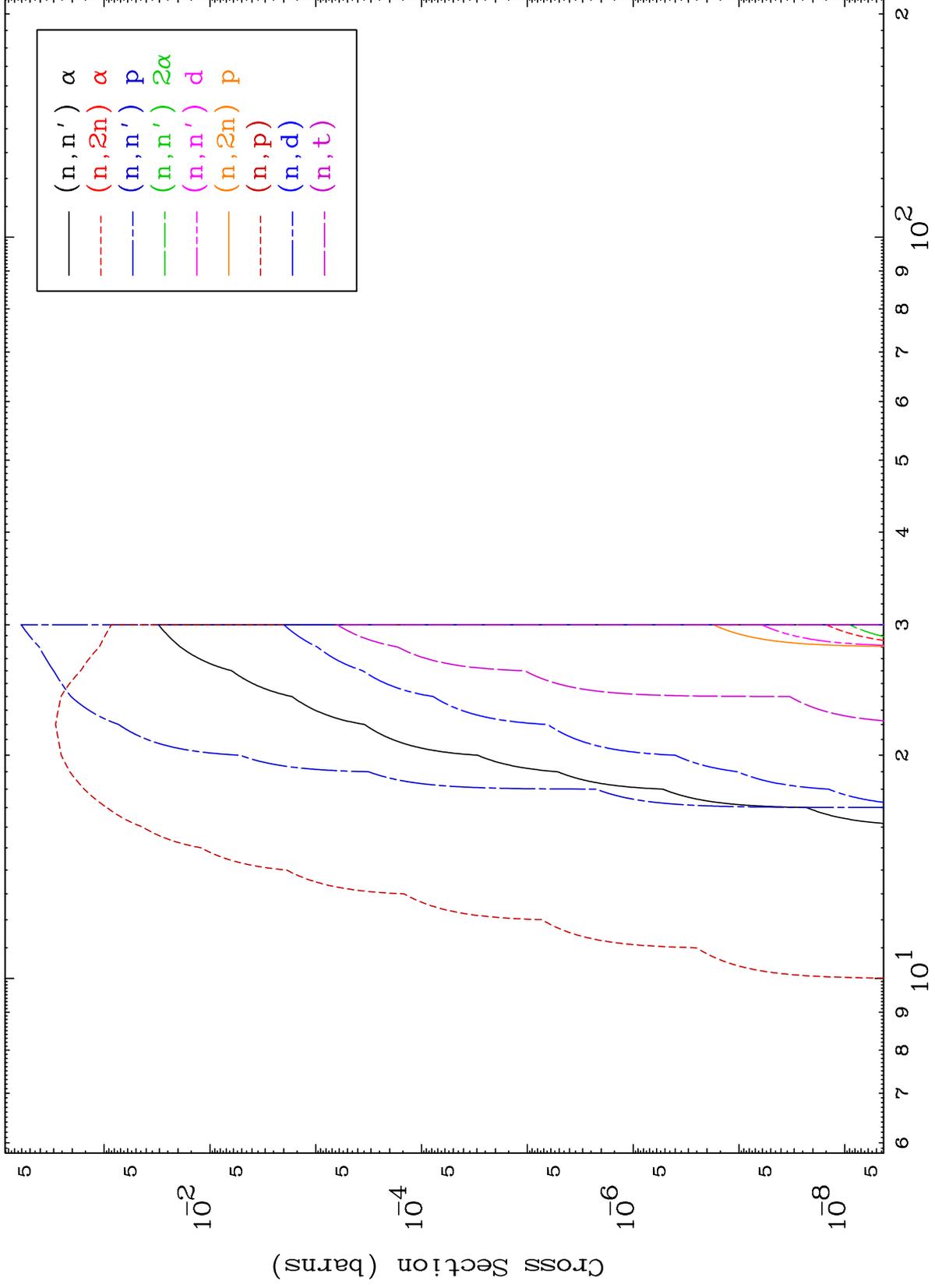


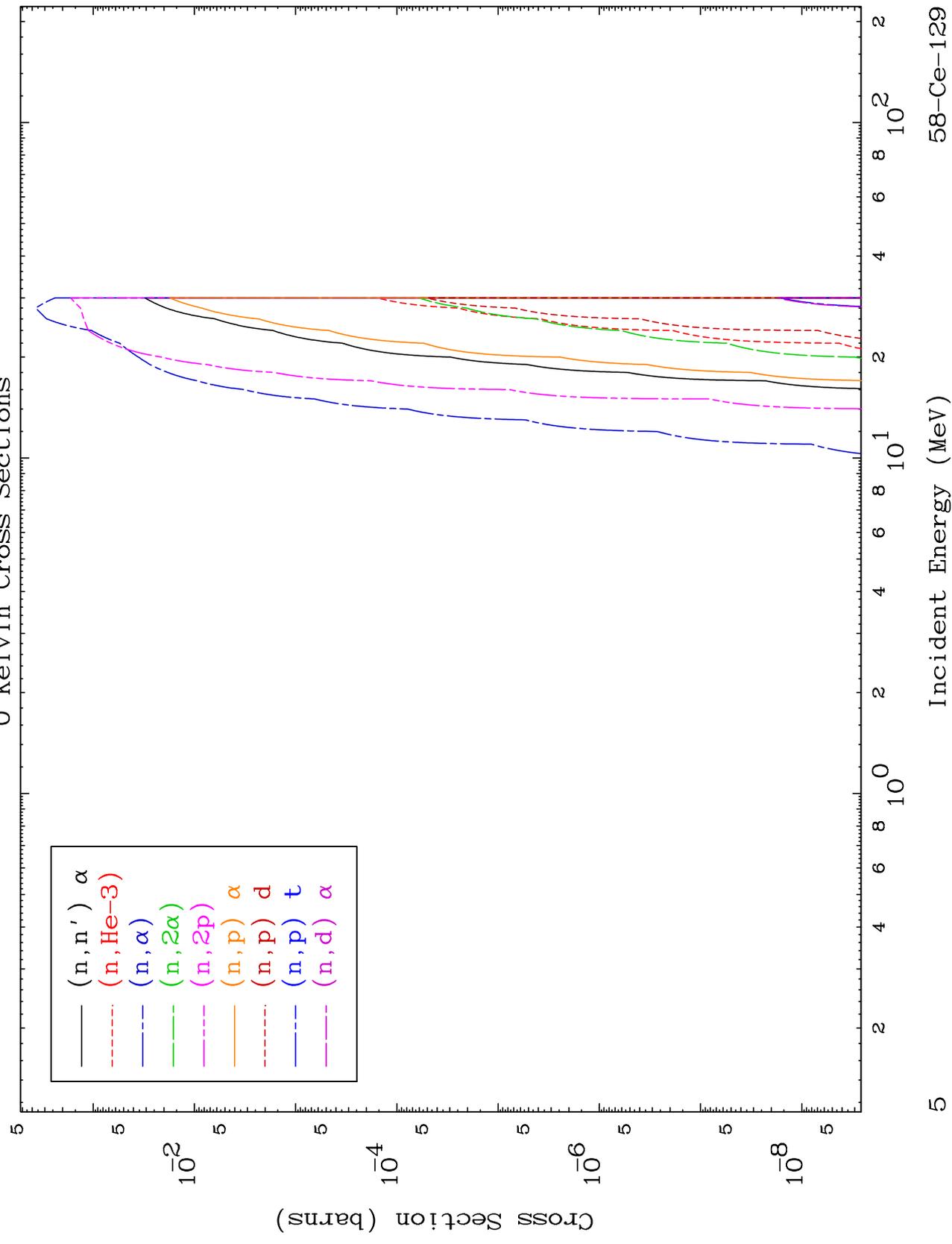
MAT 5804

α Neutron Absorption

58-Ce-129





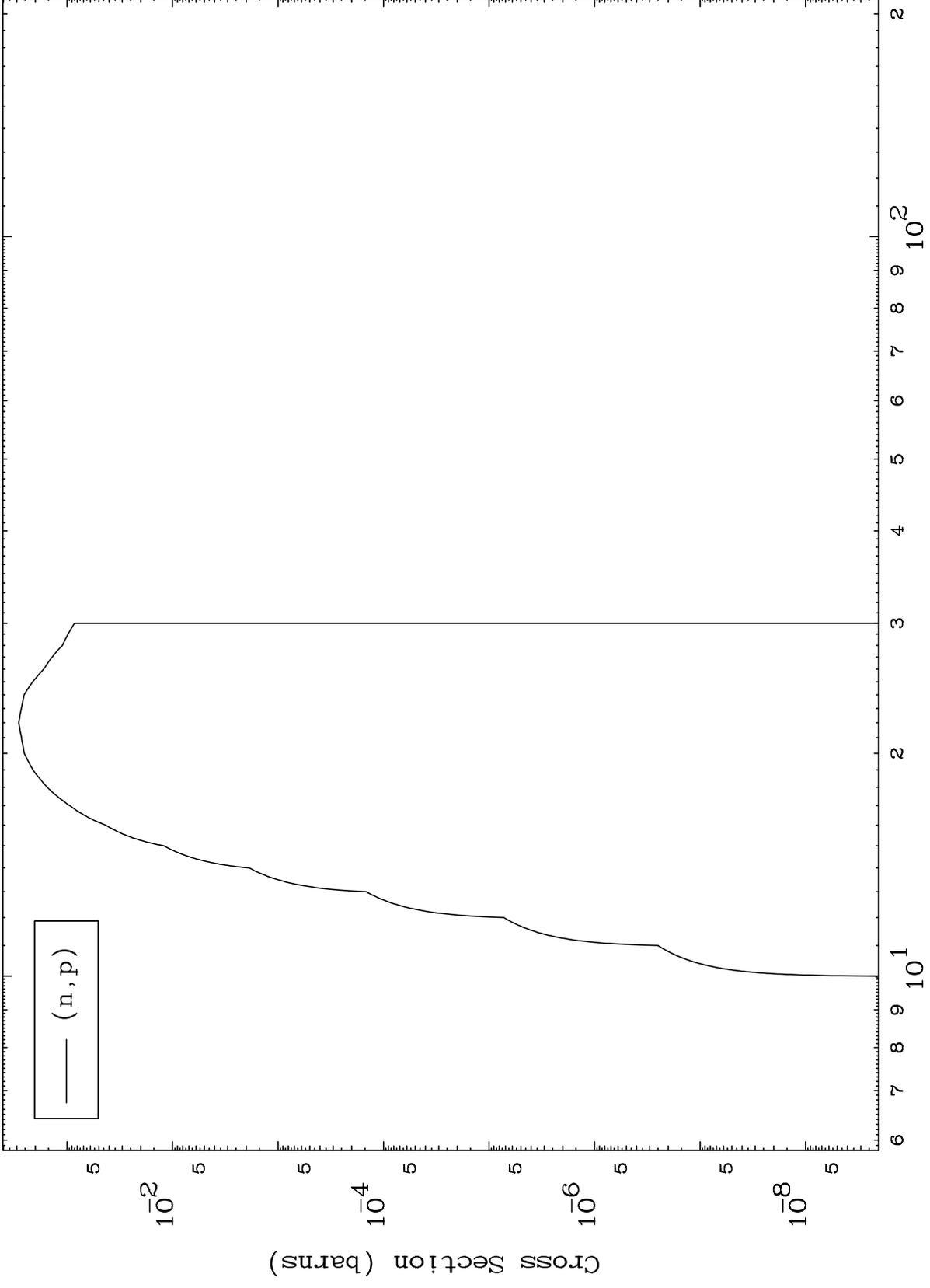


MAT 5804

(α, p) Levels

58-Ce-129

0 Kelvin Cross Sections



6

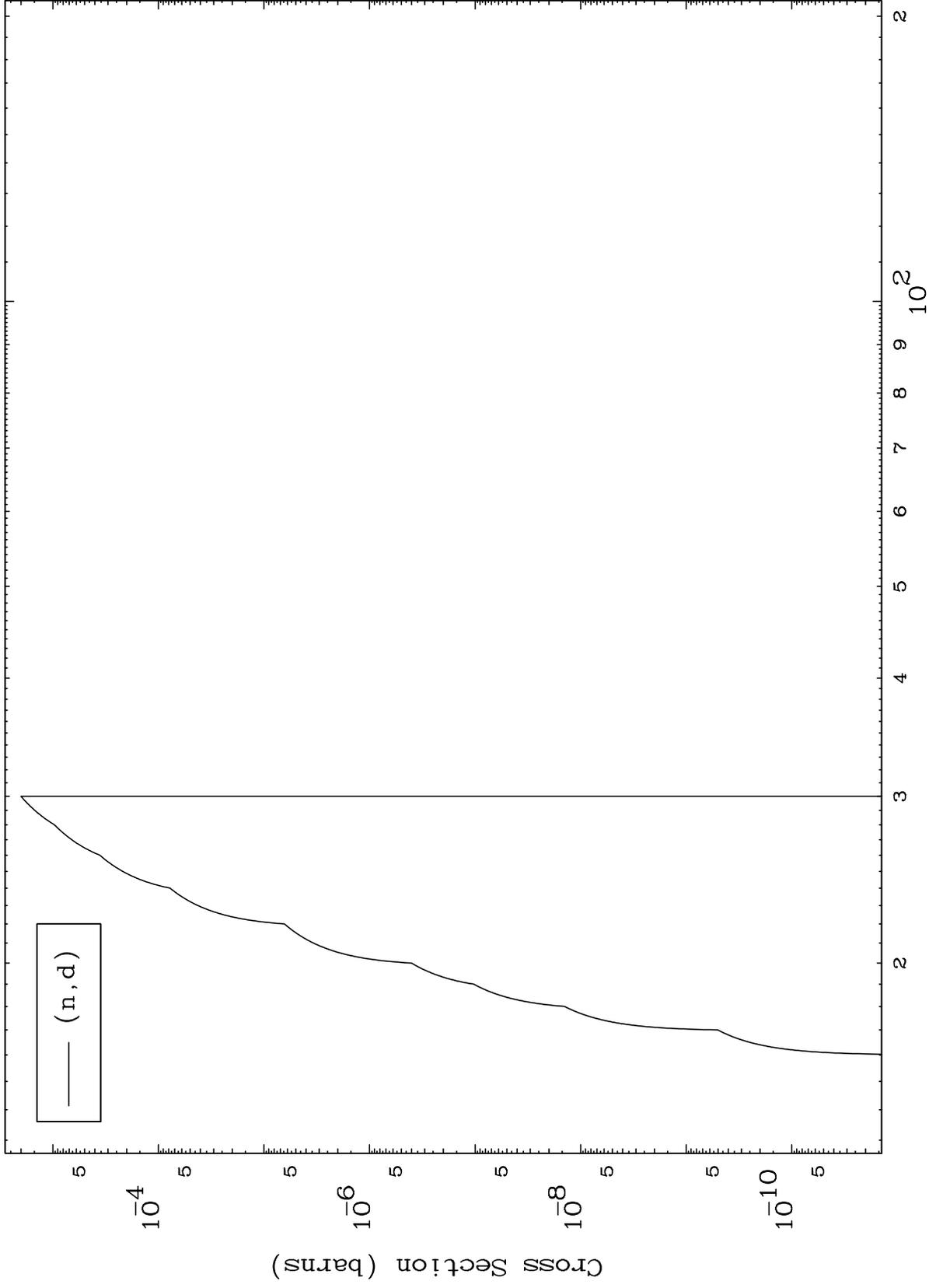
Incident Energy (MeV)

58-Ce-129

MAT 5804

(α, d) Levels
0 Kelvin Cross Sections

58-Ce-129



7

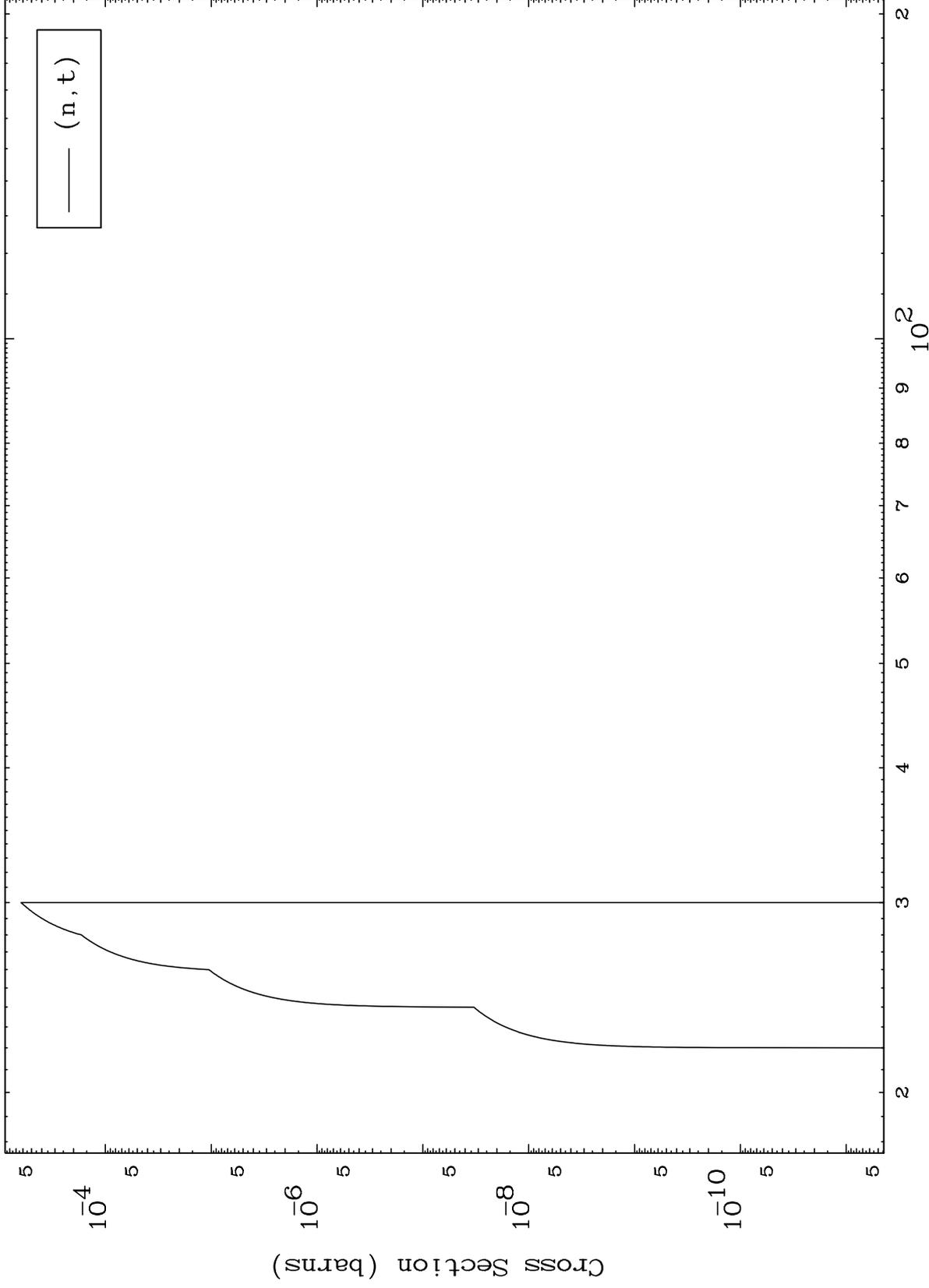
Incident Energy (MeV)

58-Ce-129

MAT 5804

(α, t) Levels
0 Kelvin Cross Sections

58-Ce-129



8

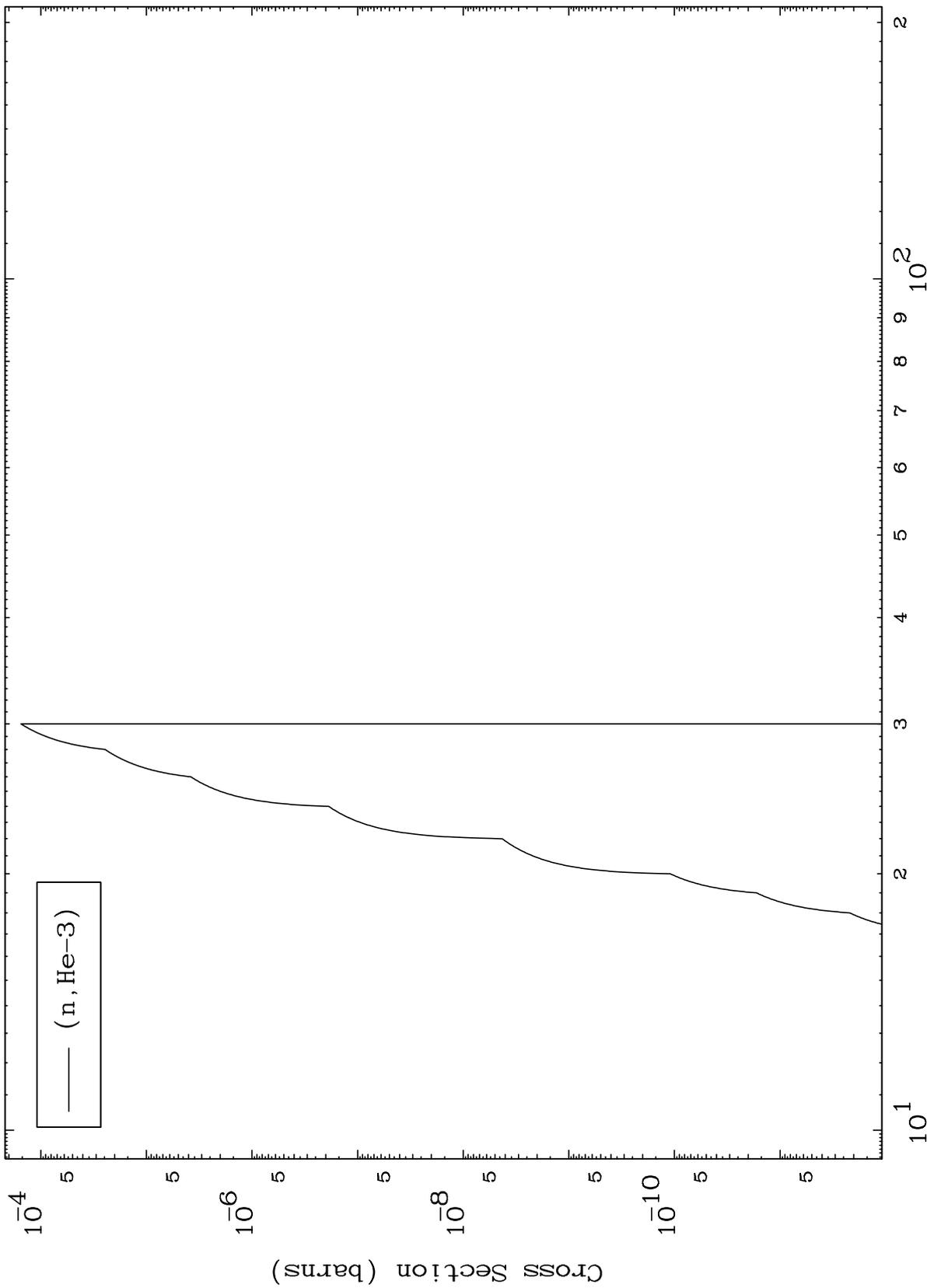
Incident Energy (MeV)

58-Ce-129

MAT 5804

58-Ce-129

($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections



58-Ce-129

Incident Energy (MeV)

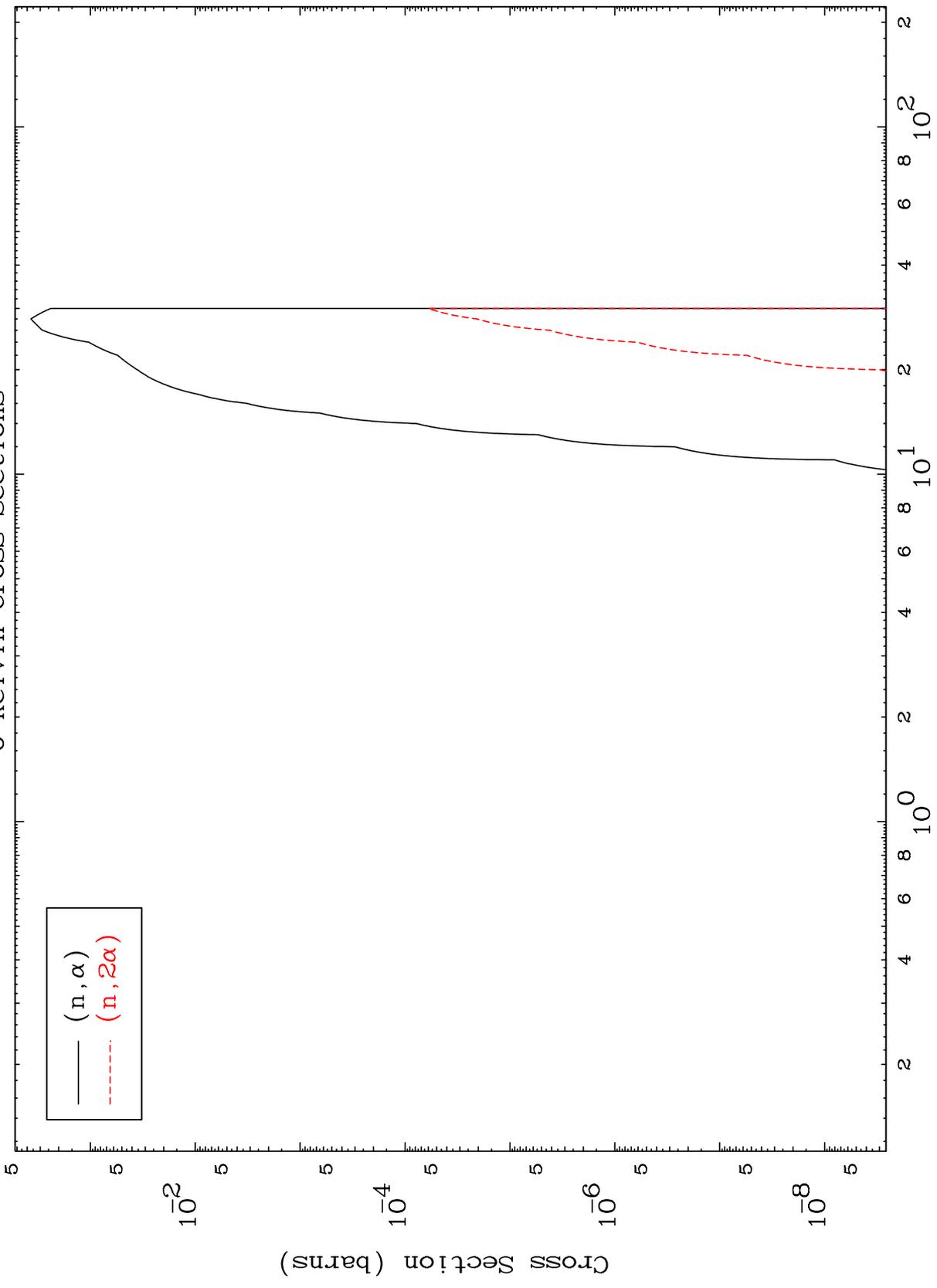
9

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(α, α) Levels

58-Ce-129

0 Kelvin Cross Sections



— (n, α)
- - - (n, 2α)

10

Incident Energy (MeV)

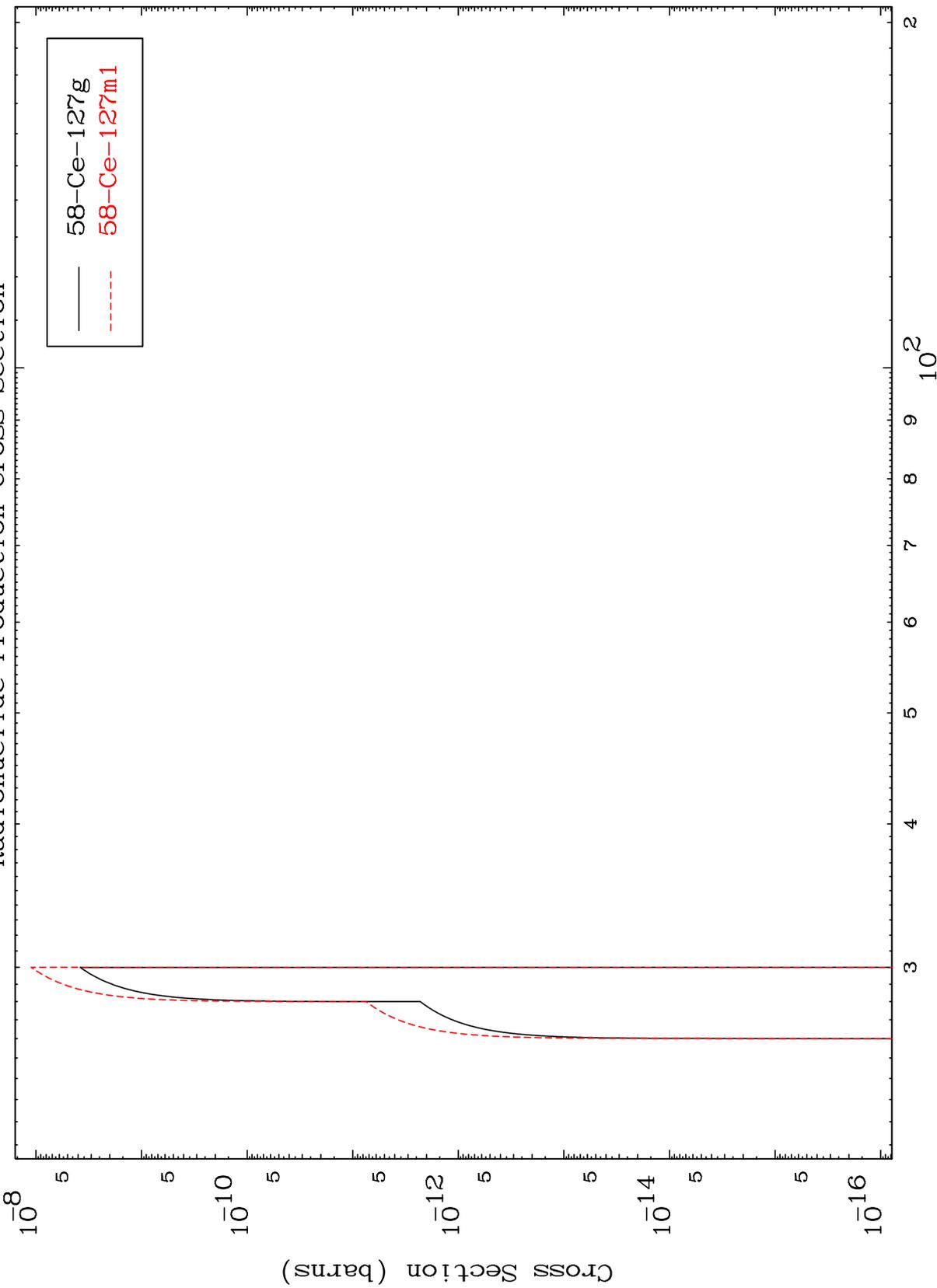
58-Ce-129

MAT 5804

(n,2n) α

58-Ce-129

Radionuclide Production Cross Section

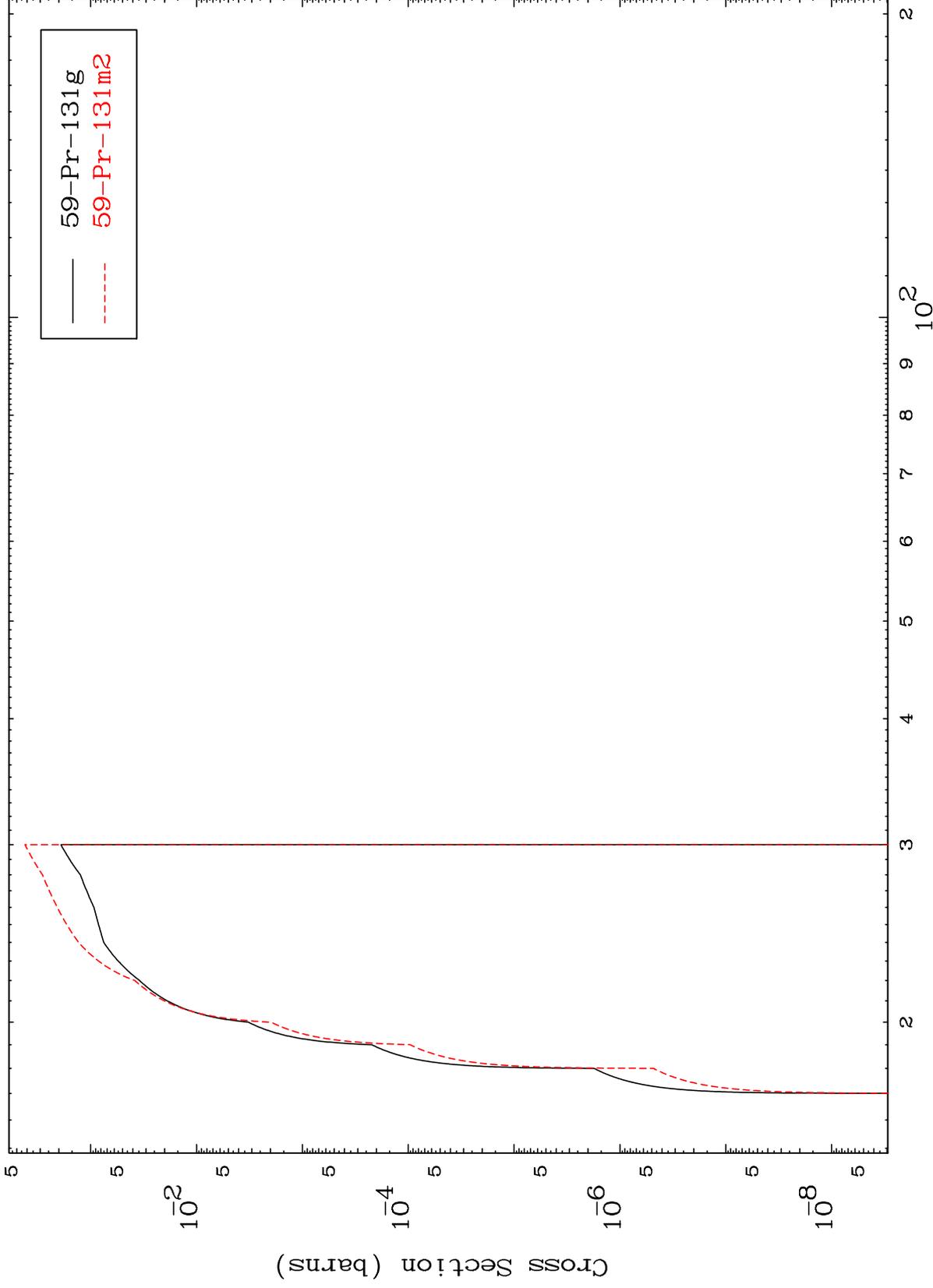


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(n,n') p

58-Ce-129

Radionuclide Production Cross Section



12

Incident Energy (MeV)

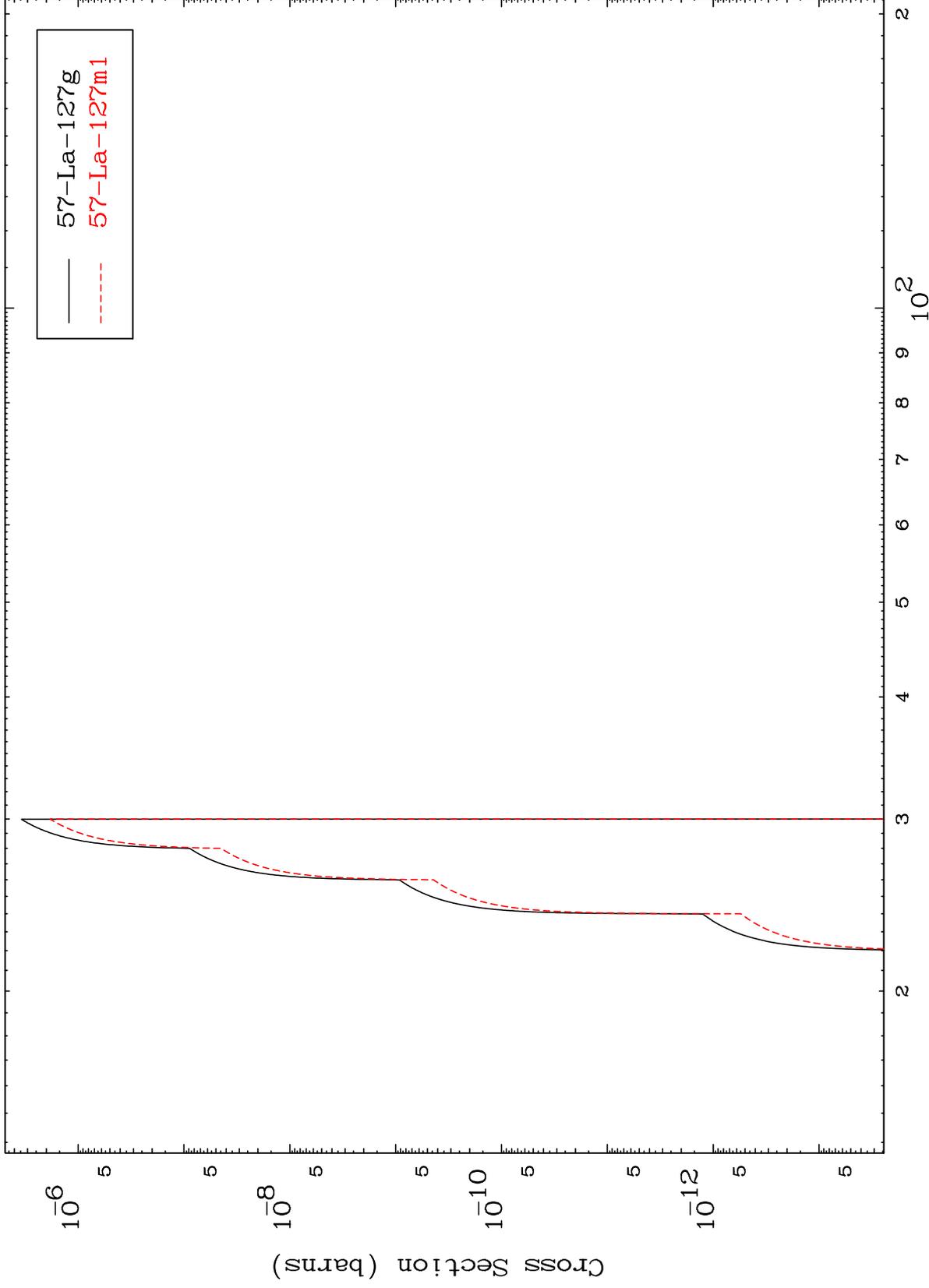
58-Ce-129

MAT 5804

(n,n') p α

58-Ce-129

Radionuclide Production Cross Section



13

Incident Energy (MeV)

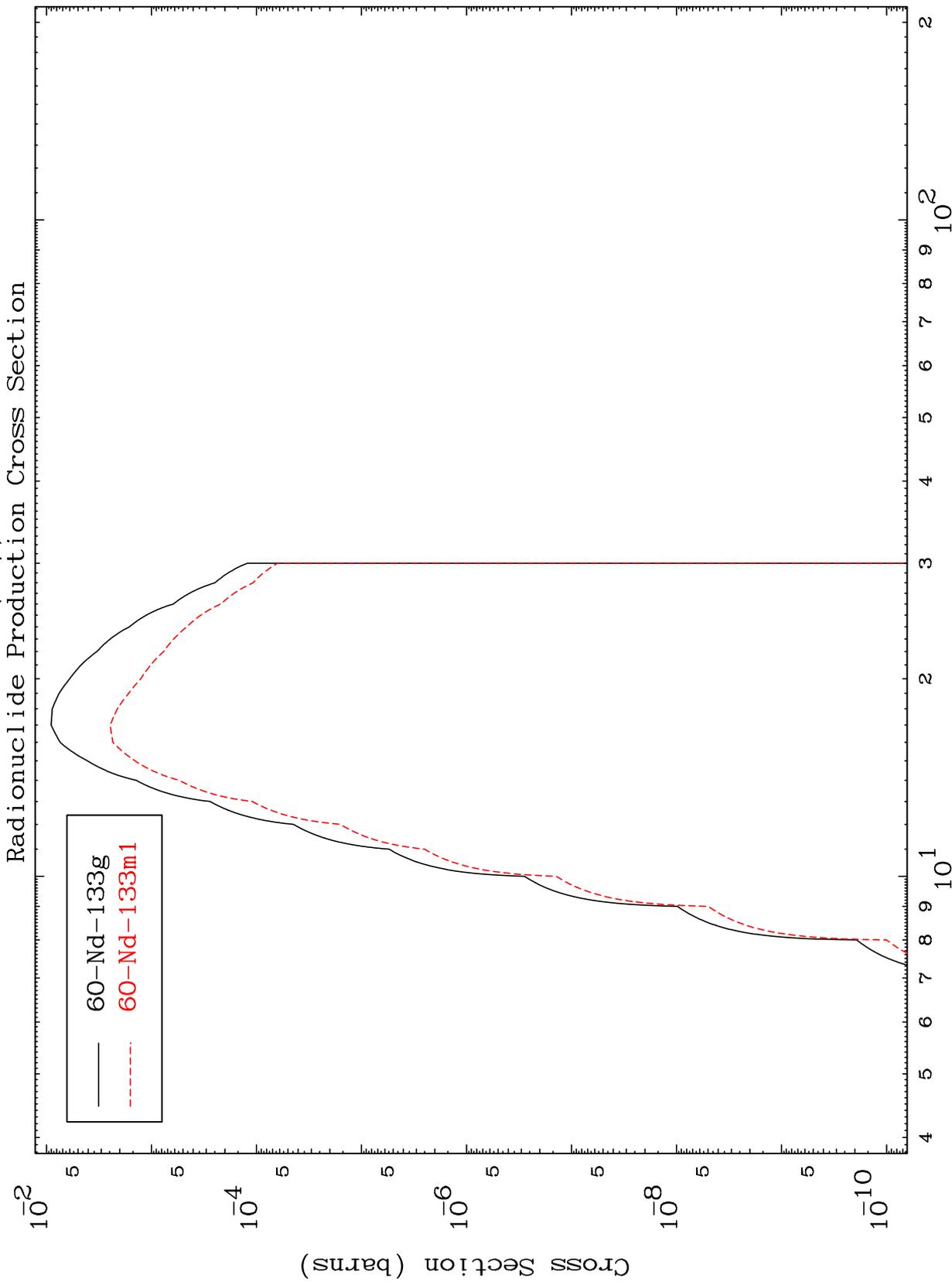
58-Ce-129

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58-Ce-129

Radionuclide Production Cross Section

(n, γ)



60-Nd-133g
60-Nd-133m1

58-Ce-129

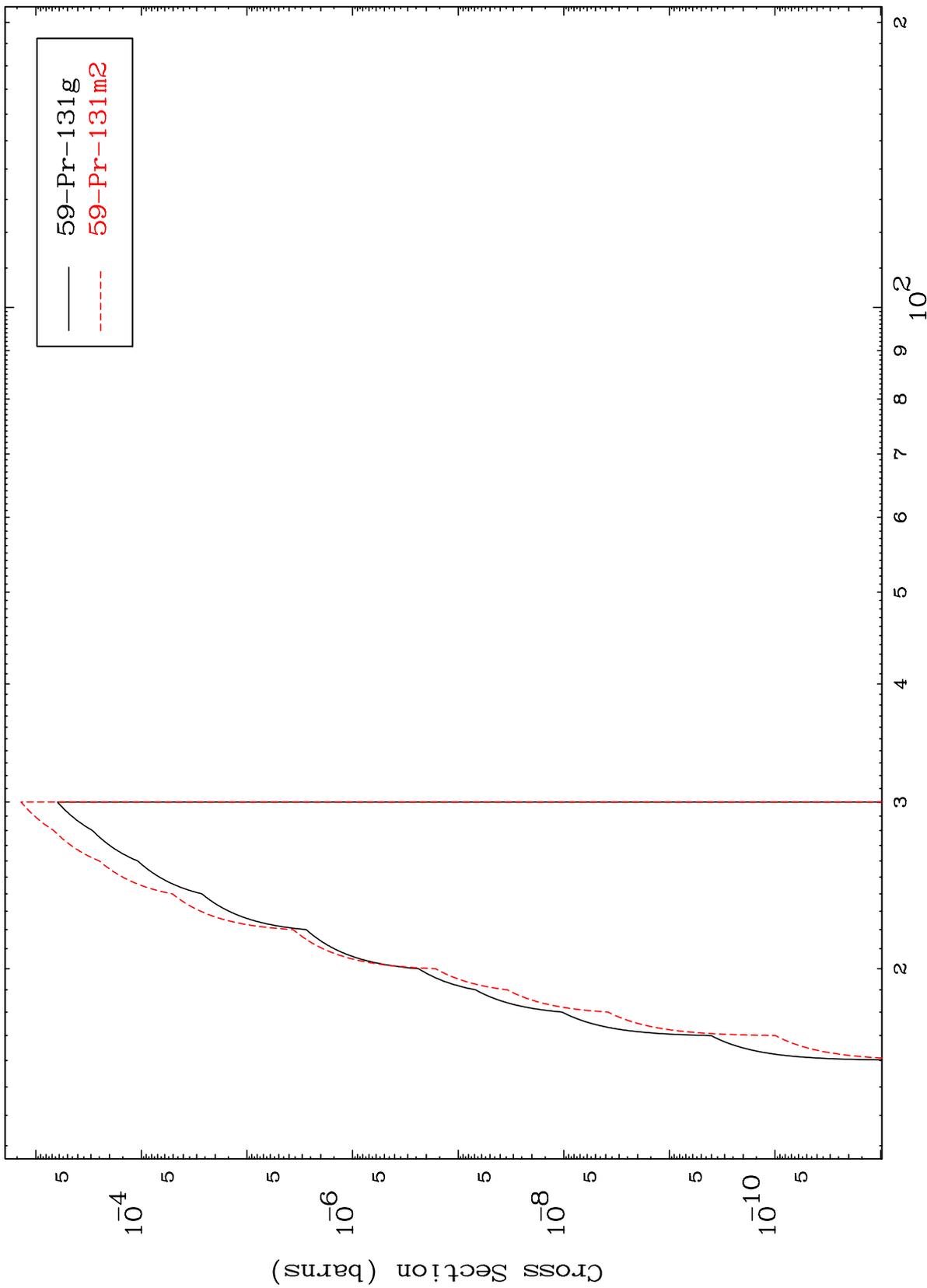
Incident Energy (MeV)

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MAT 5804

58-Ce-129

(n,d)
Radionuclide Production Cross Section



59-Pr-131g
59-Pr-131m2

15

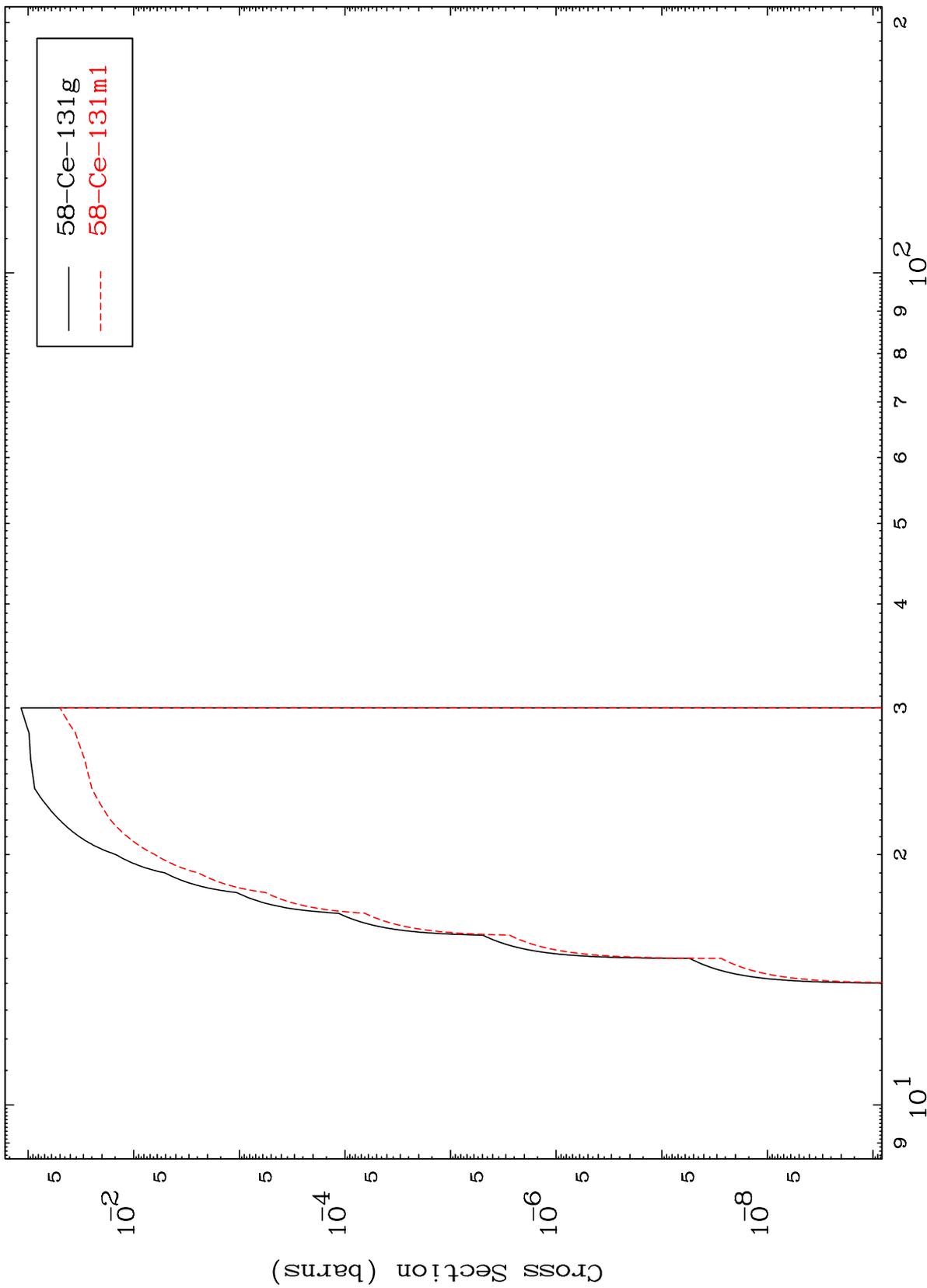
Incident Energy (MeV)

58-Ce-129

MAT 5804

58-Ce-129

(n,2p)
Radionuclide Production Cross Section



58-Ce-129

Incident Energy (MeV)

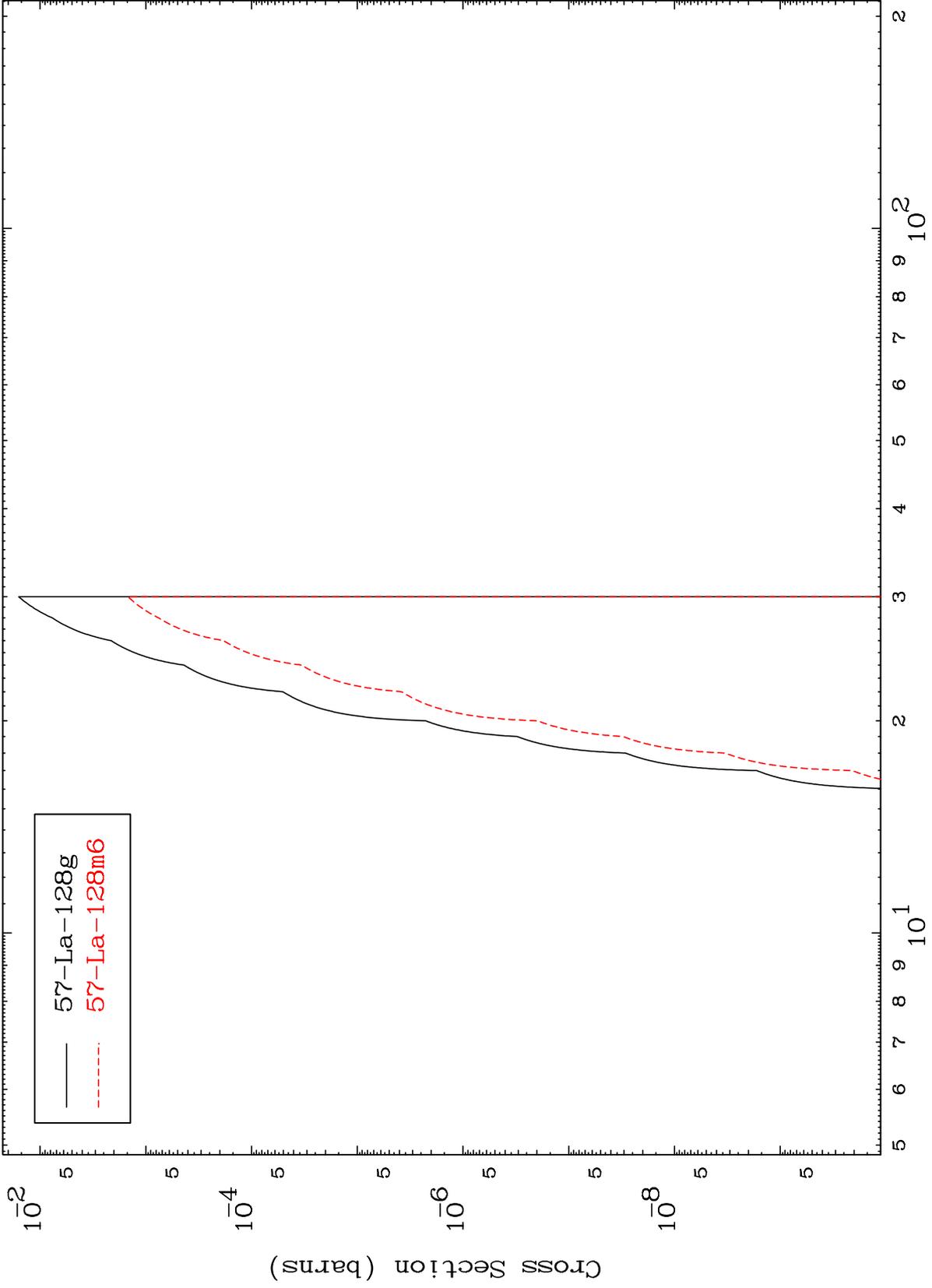
16

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(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

