

Program EVALPLOT
(Version 2021-1)

by

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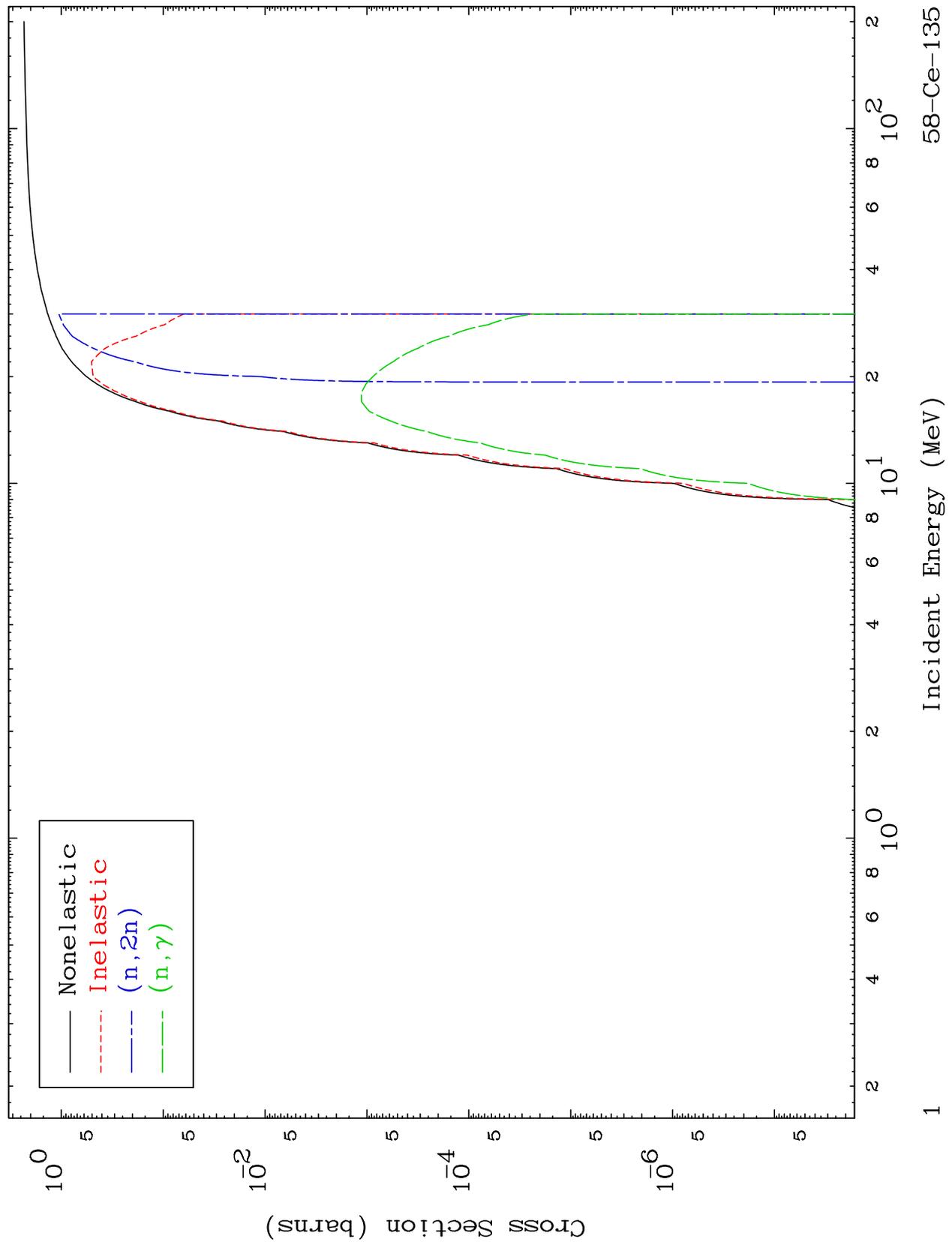
Press Mouse Button to Start

MAT 58222

0 Kelvin

α Major Cross Sections

58-Ce-135



58-Ce-135

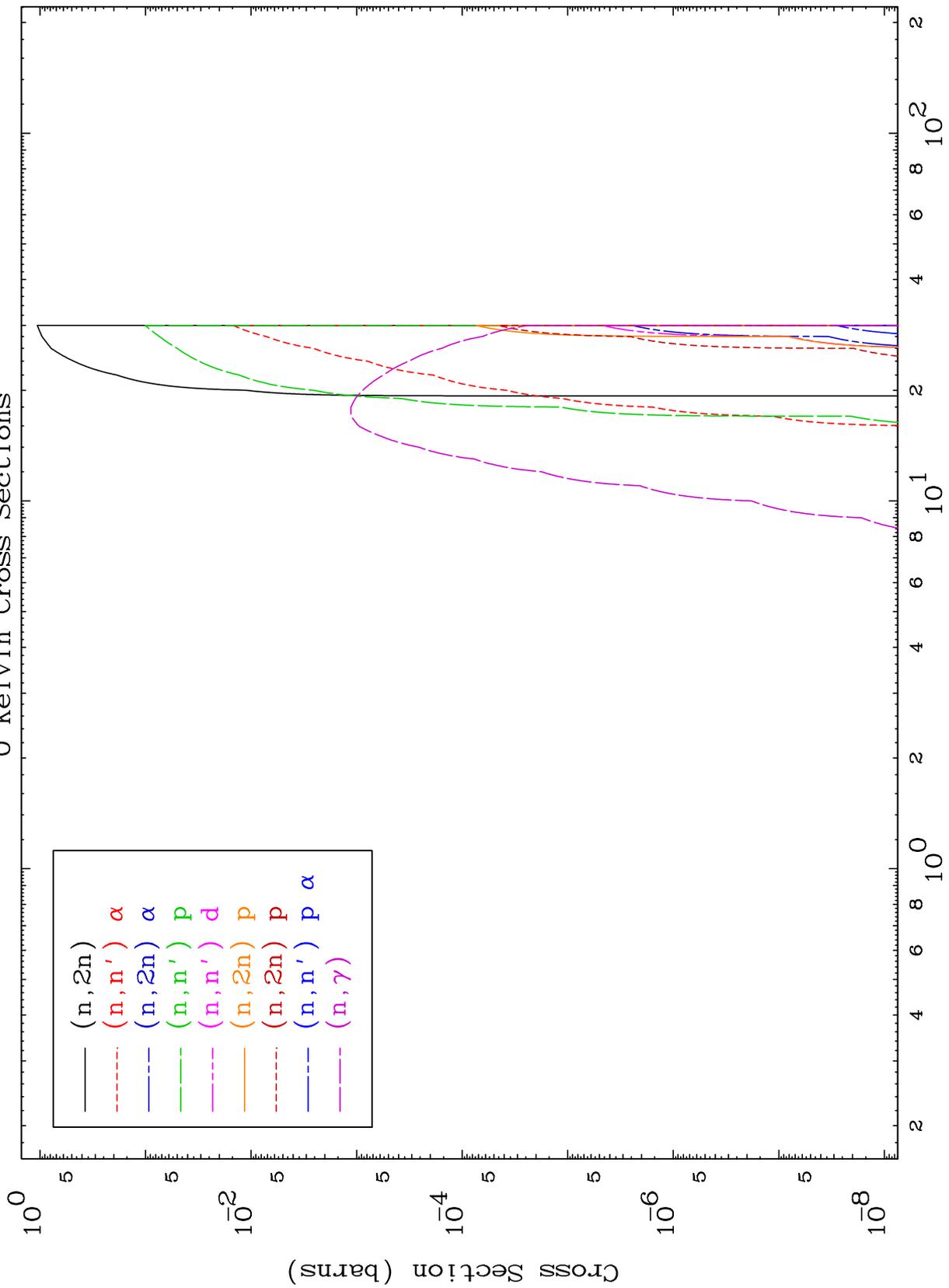
Incident Energy (MeV)

1

MAT 58222

α Neutron Absorption
0 Kelvin Cross Sections

58-Ce-135



58-Ce-135

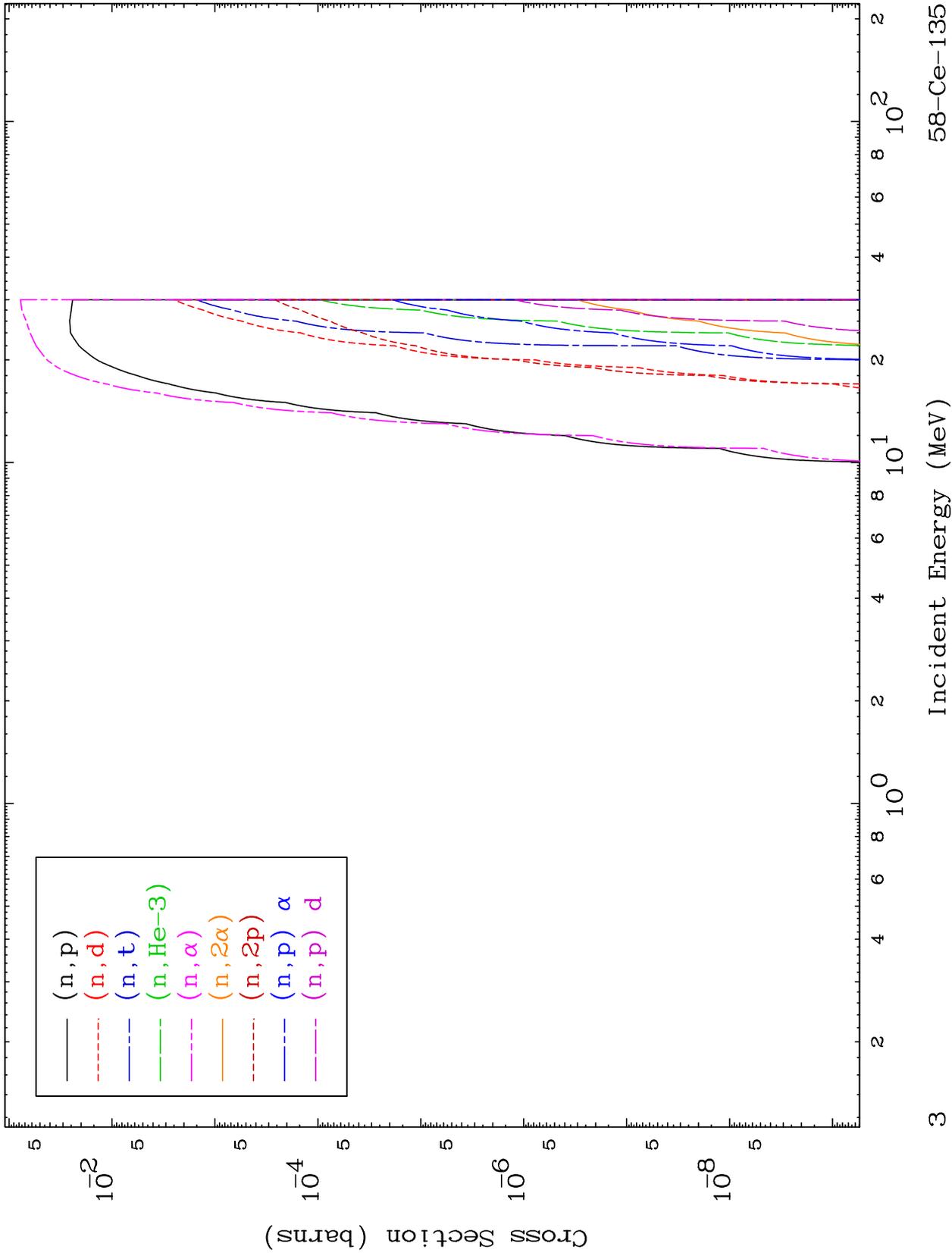
Incident Energy (MeV)

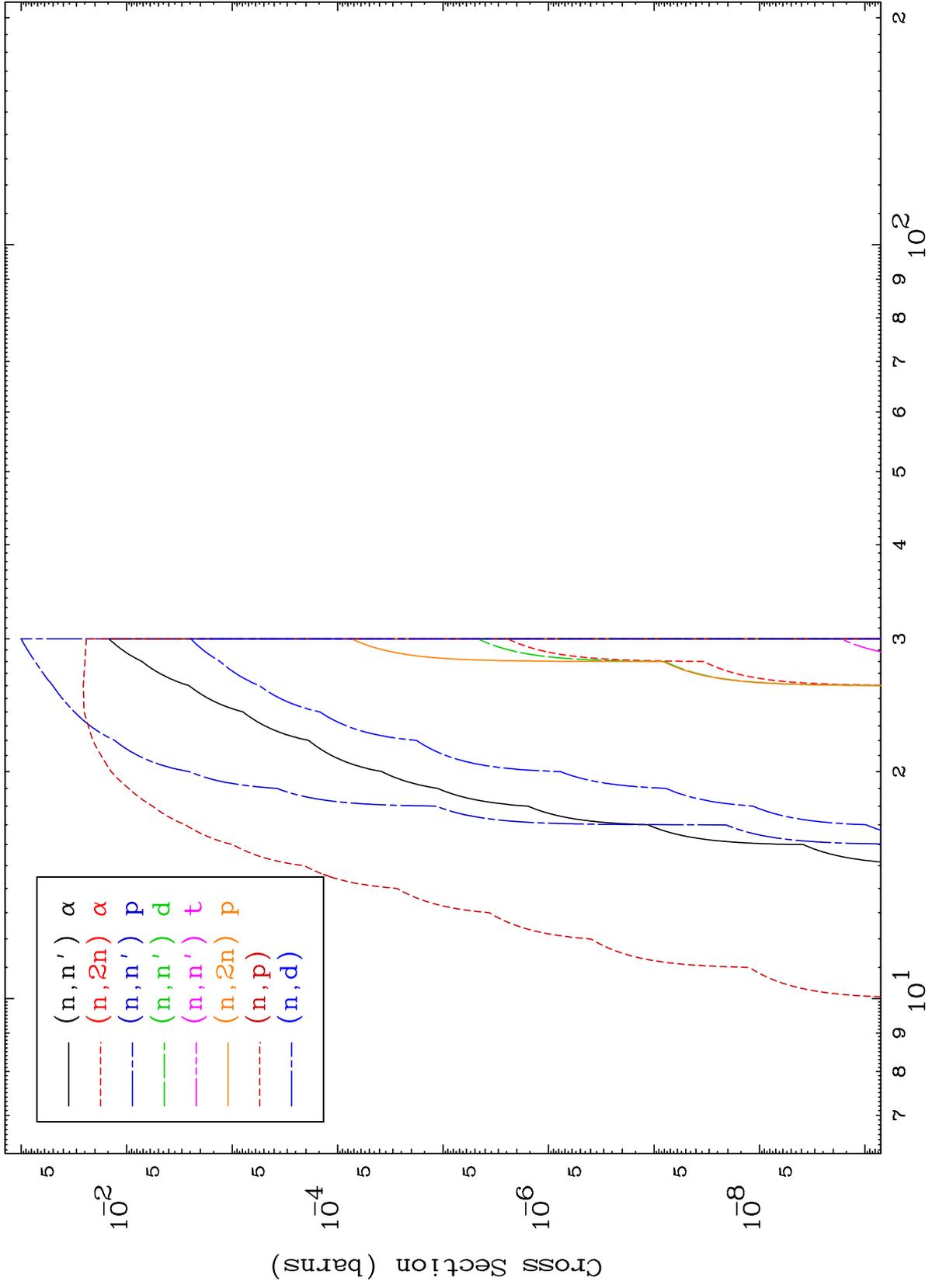
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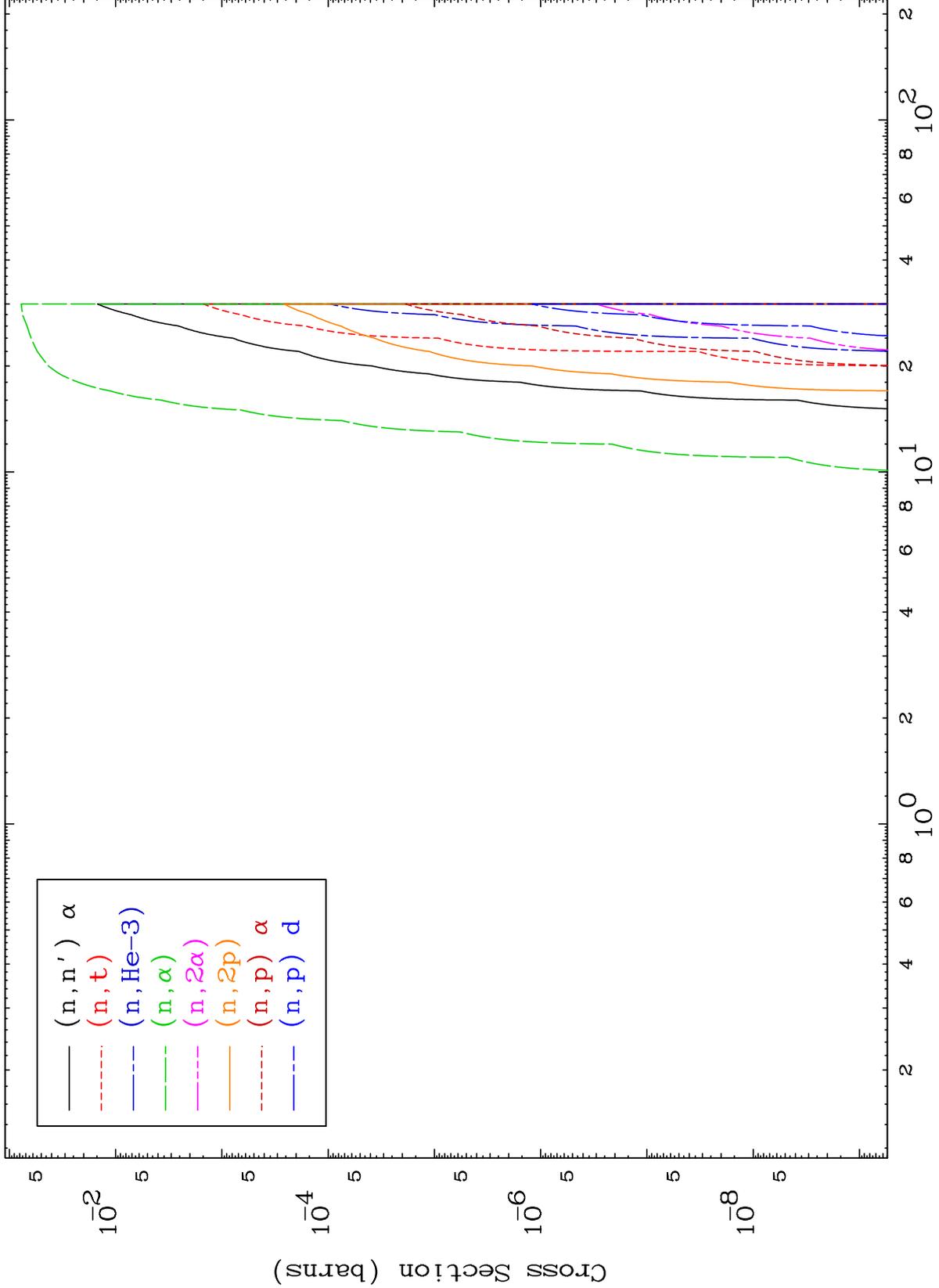
MAT 58222

α Neutron Absorption
0 Kelvin Cross Sections

58-Ce-135



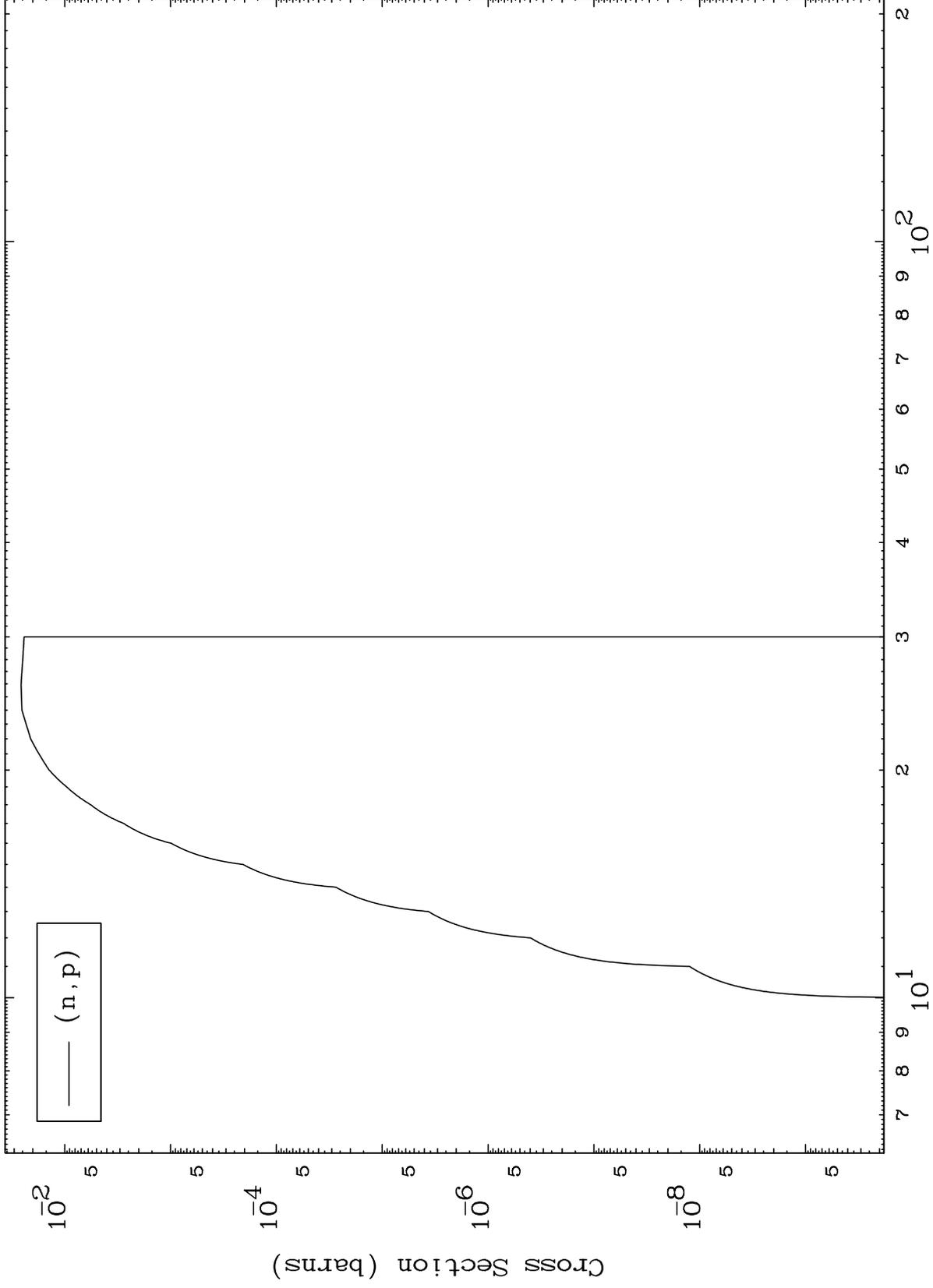




MAT 58222

(α, p) Levels
0 Kelvin Cross Sections

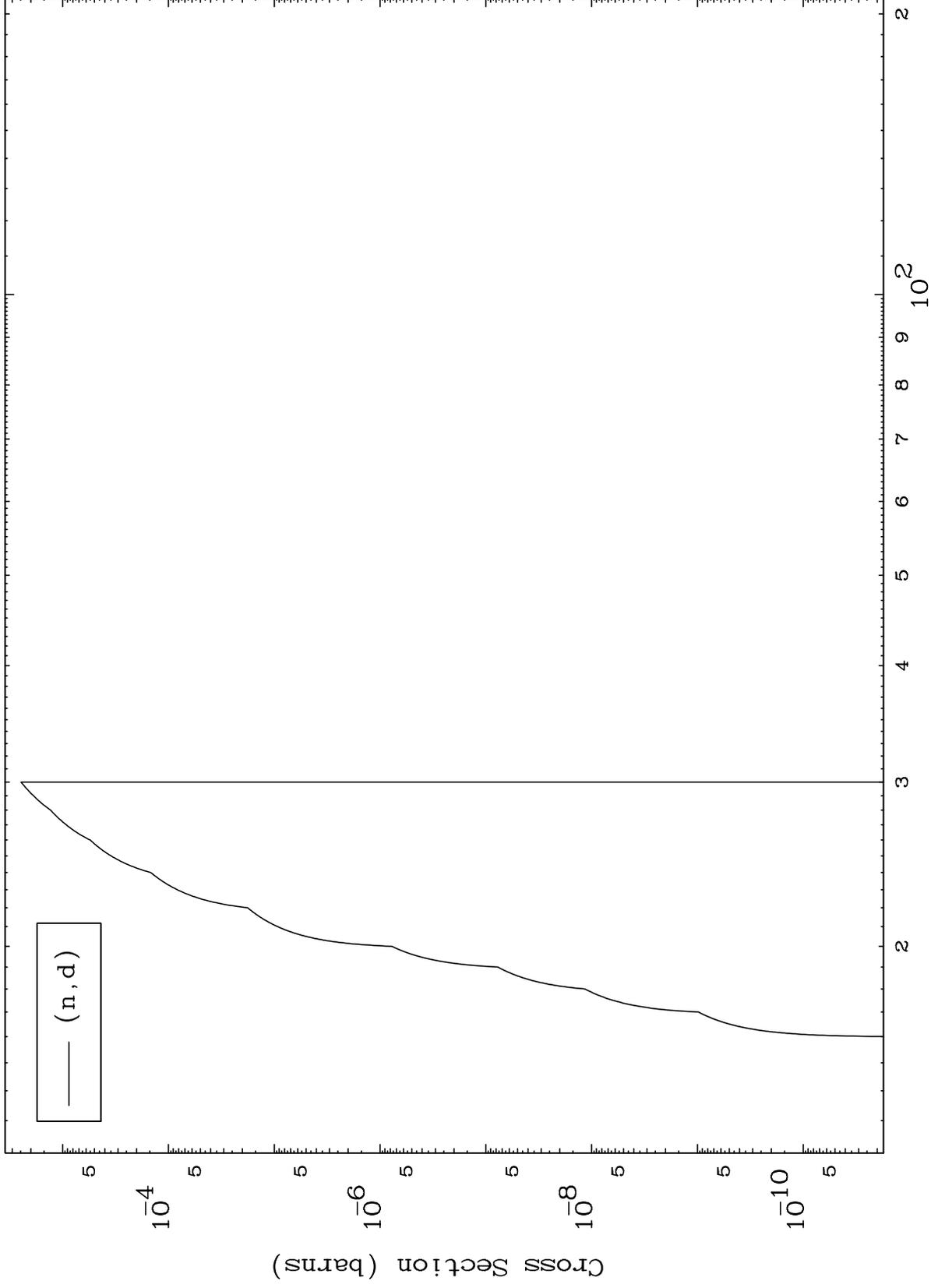
58-Ce-135



MAT 58222

(α, d) Levels
0 Kelvin Cross Sections

58-Ce-135



Incident Energy (MeV)

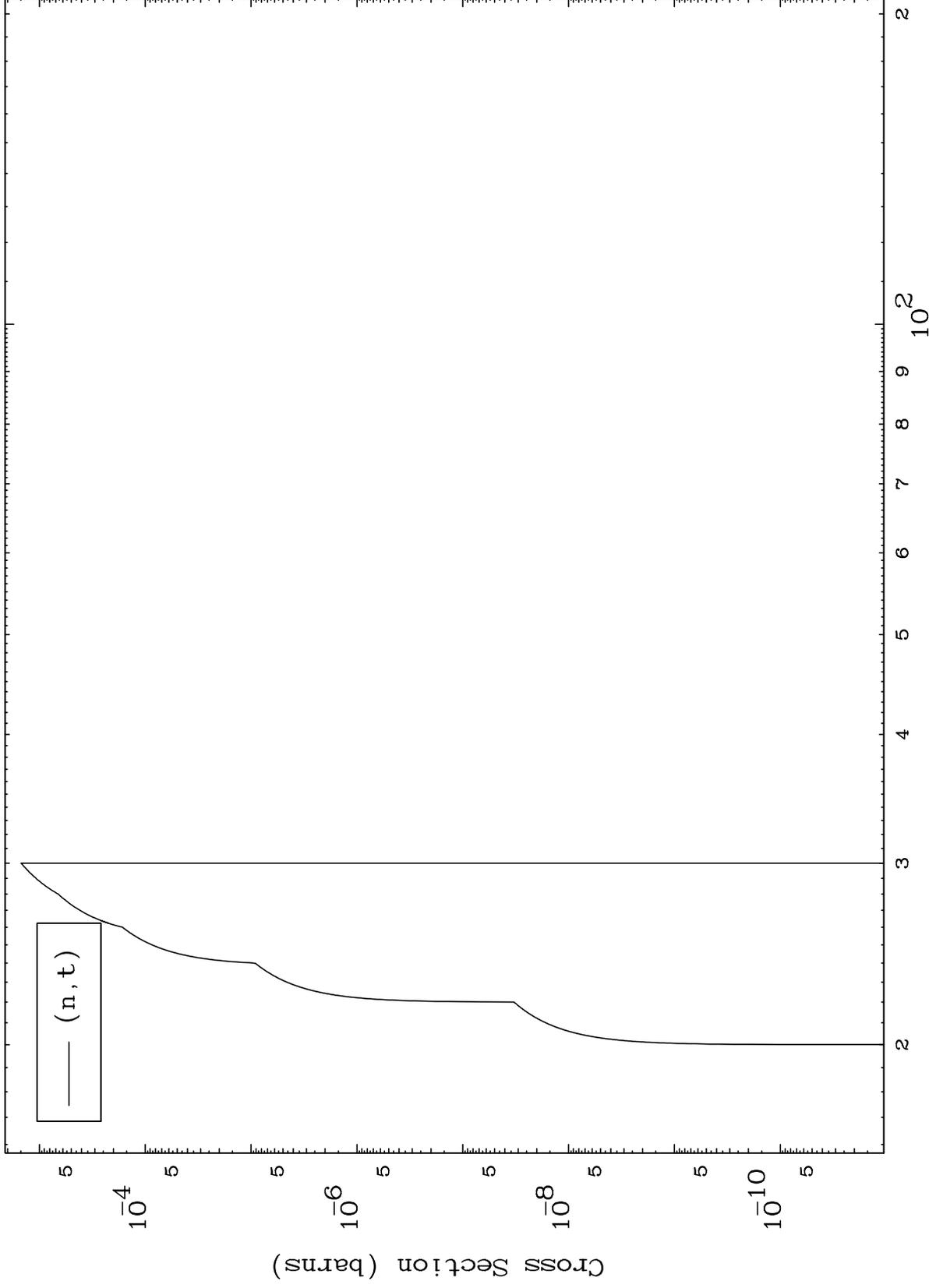
58-Ce-135

7

MAT 58222

(α, t) Levels
0 Kelvin Cross Sections

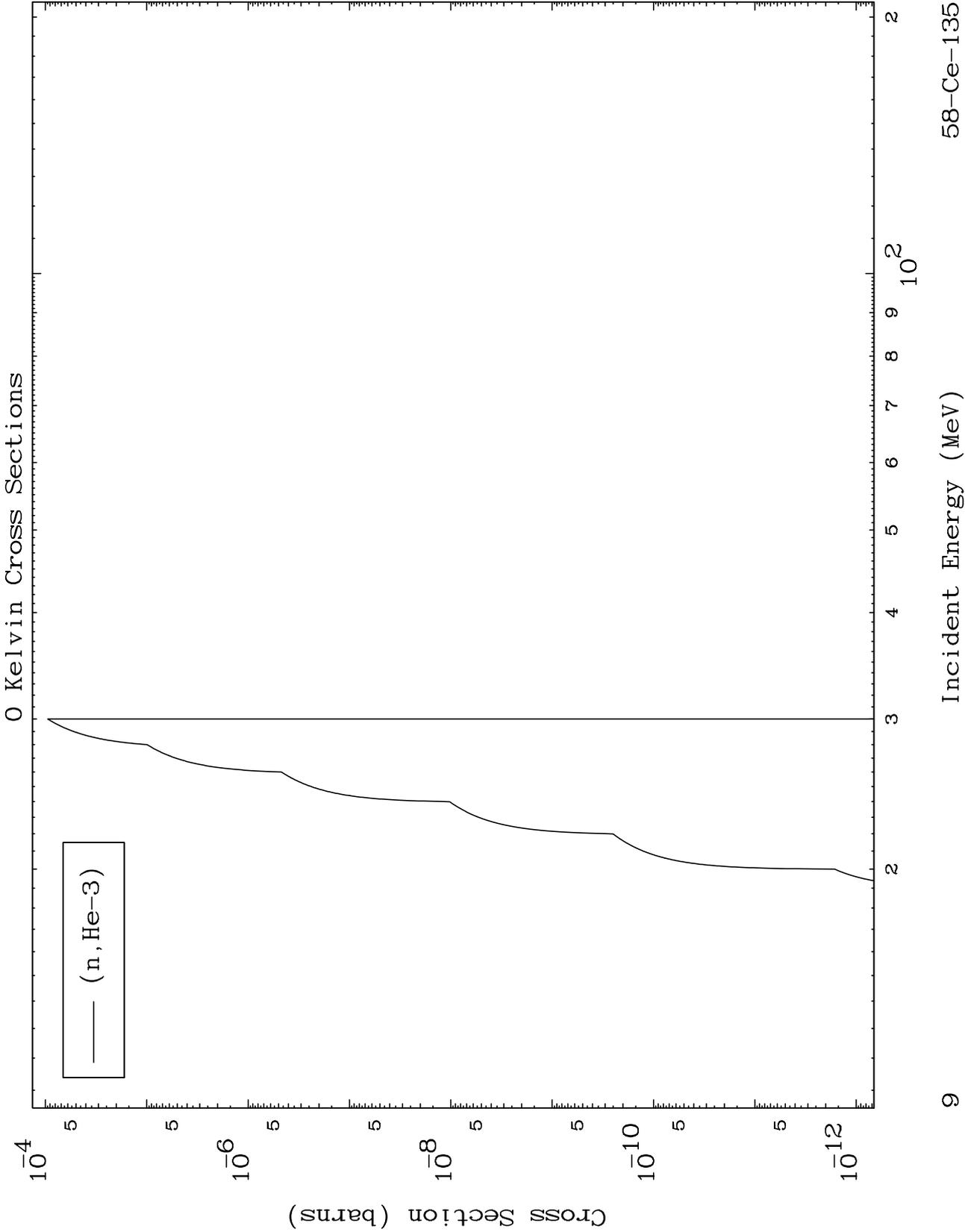
58-Ce-135



8

Incident Energy (MeV)

58-Ce-135

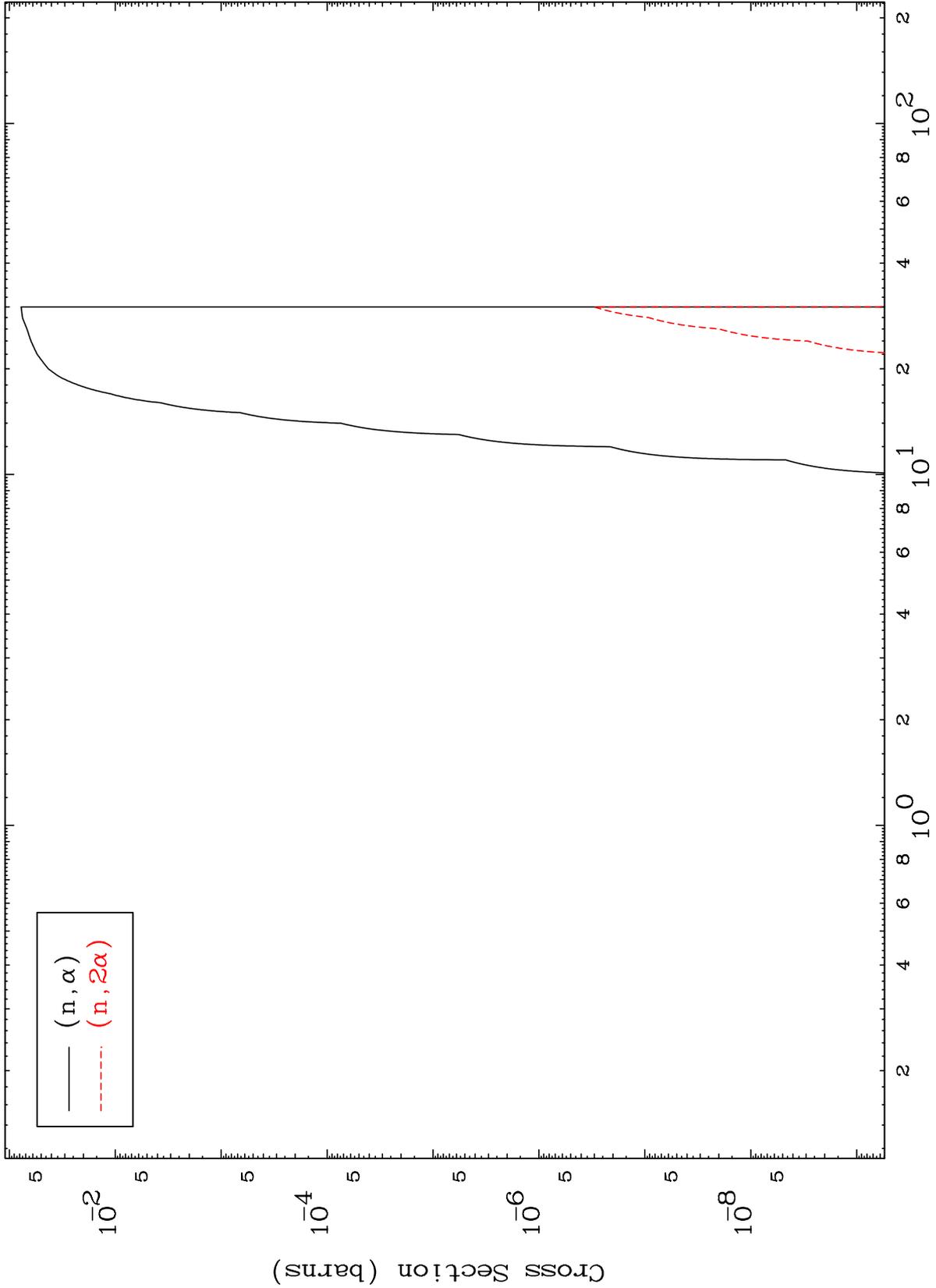


MAT 58222

(α, α) Levels

58-Ce-135

0 Kelvin Cross Sections



— (n, α)
- - - ($n, 2\alpha$)

10

Incident Energy (MeV)

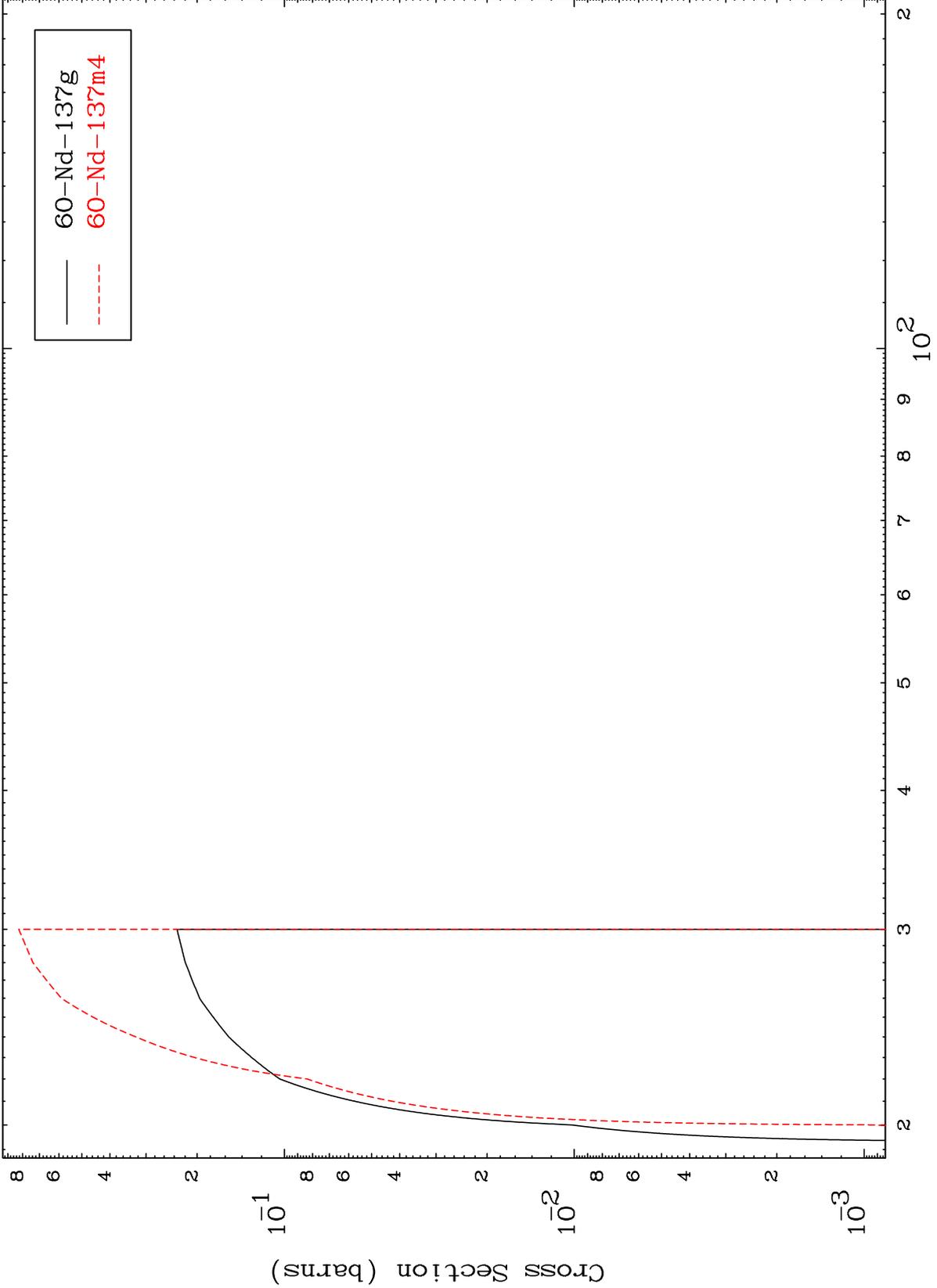
58-Ce-135

MAT 5822

(n,2n)

58-Ce-135

Radionuclide Production Cross Section



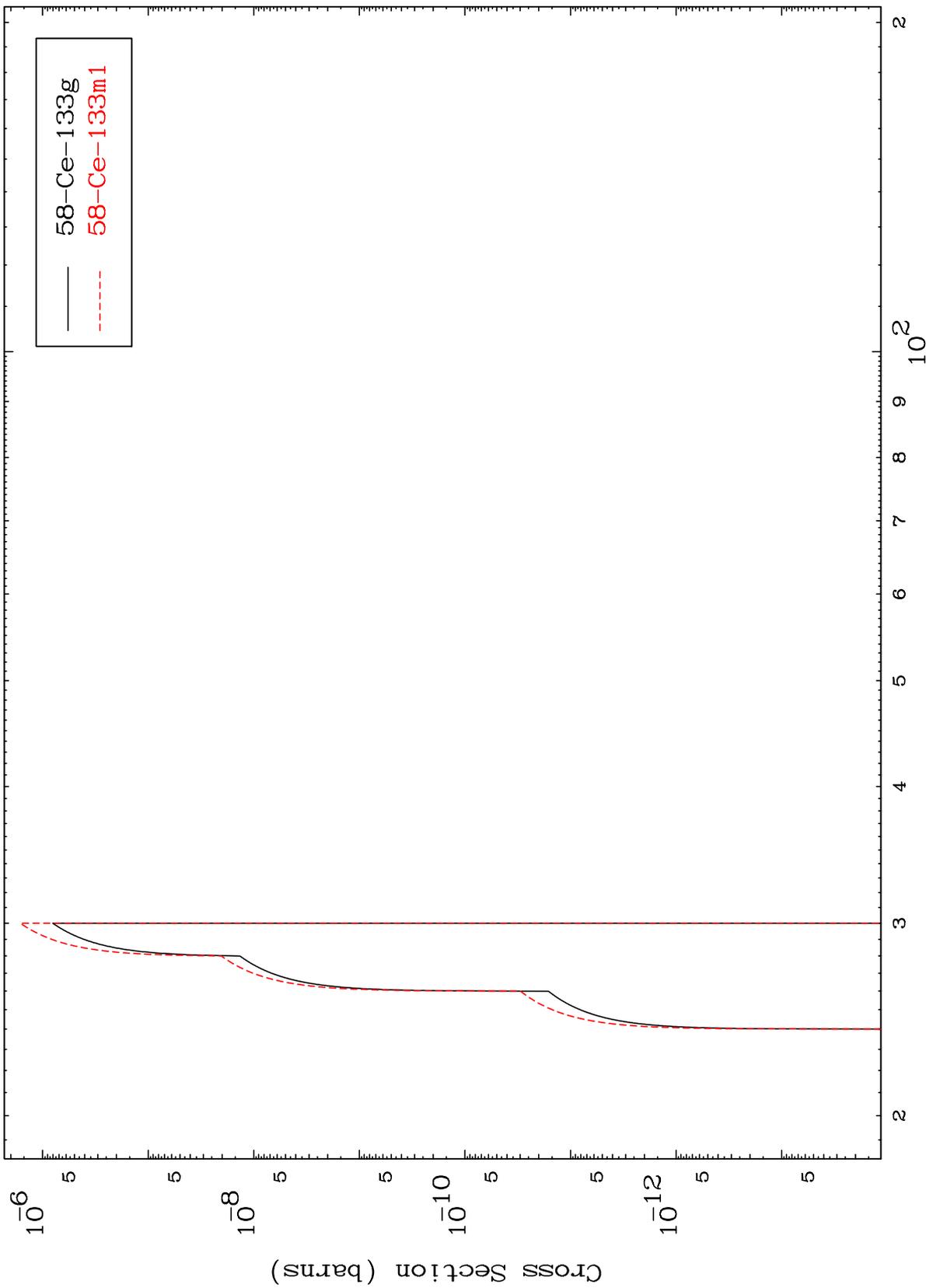
60-Nd-137g
60-Nd-137m4

MAT 58222

$(n,2n) \alpha$

58-Ce-135

Radionuclide Production Cross Section



12

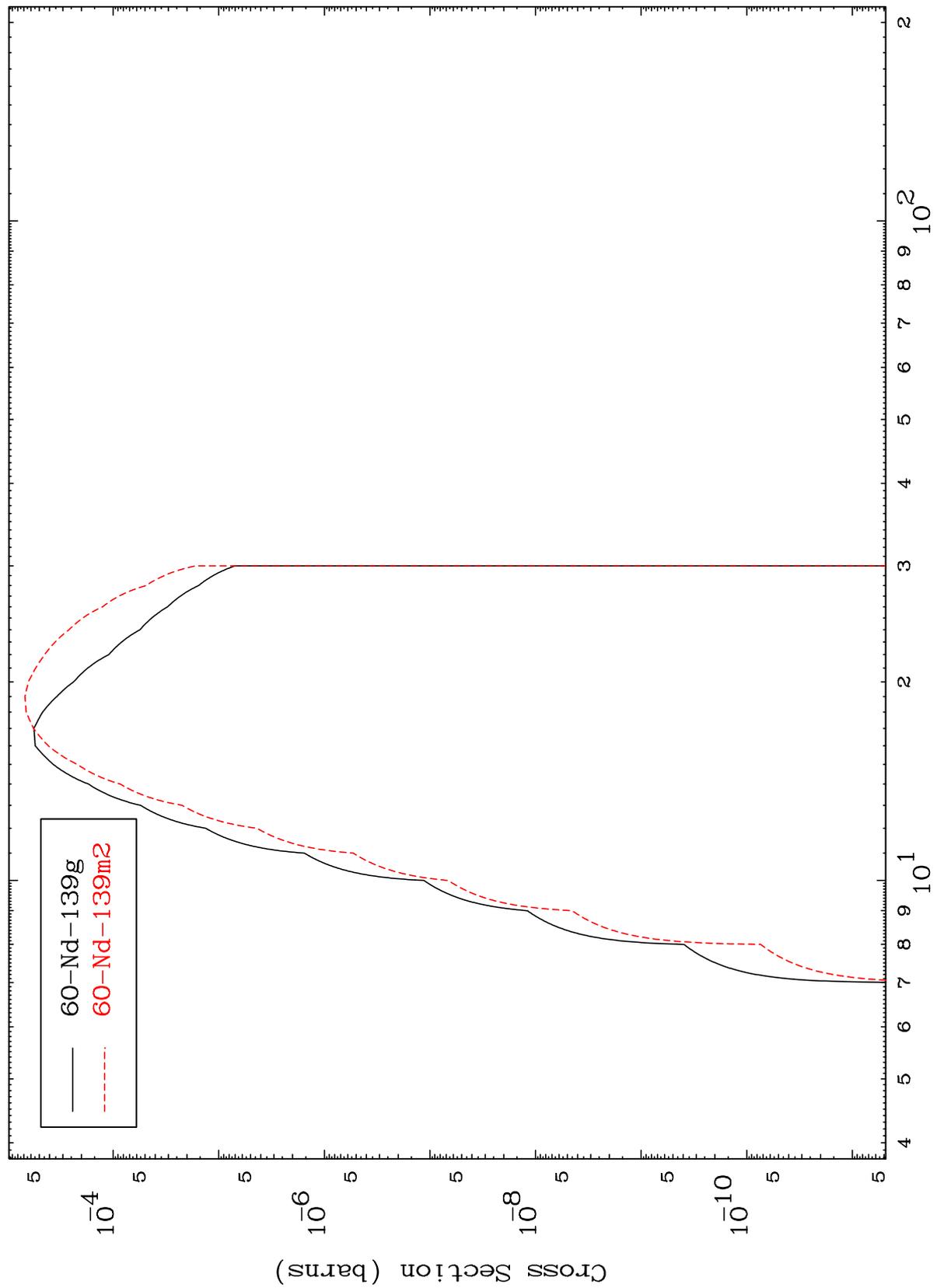
Incident Energy (MeV)

58-Ce-135

MAT 58222

58-Ce-135

(n,γ)
Radionuclide Production Cross Section



58-Ce-135

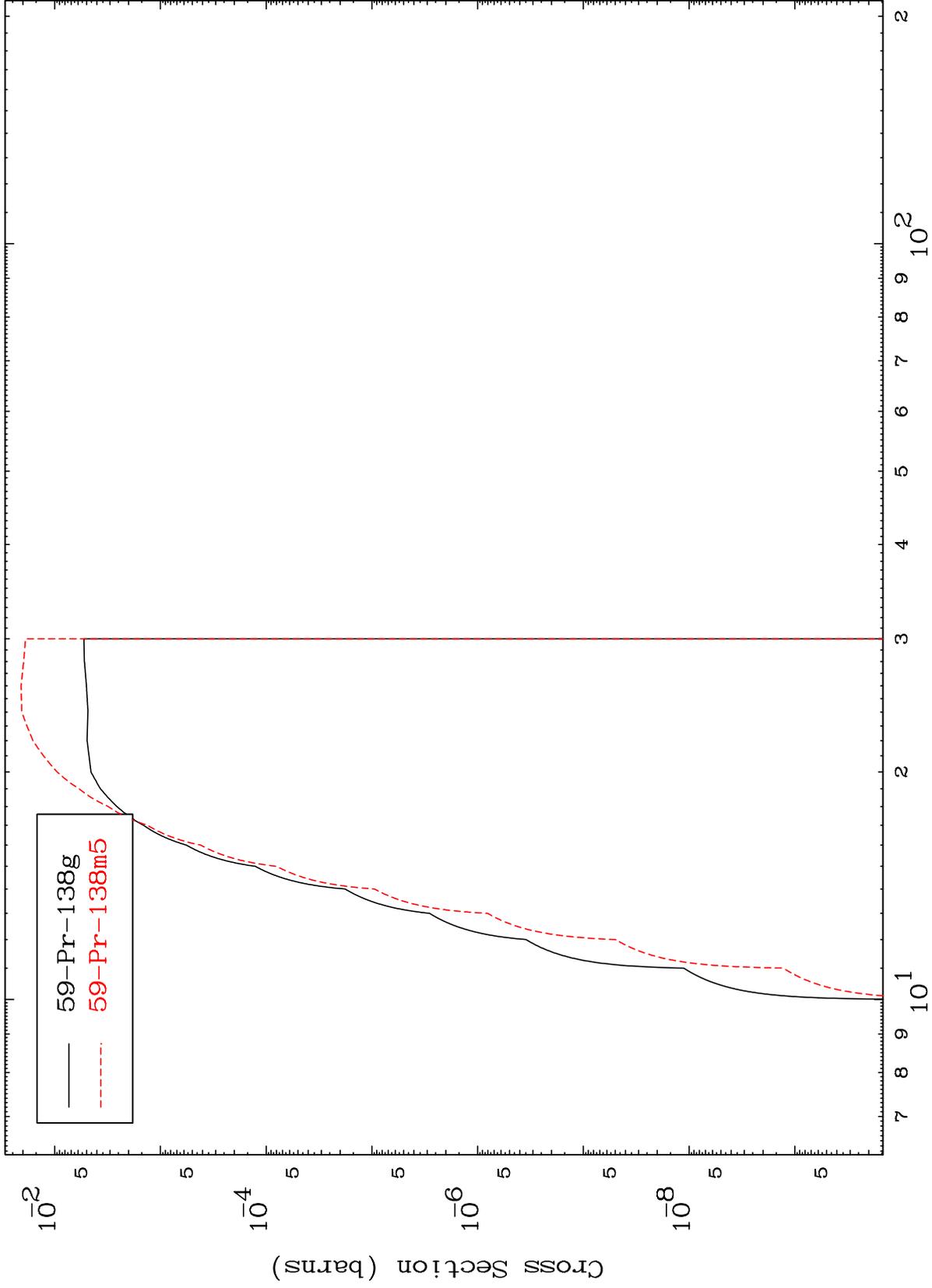
Incident Energy (MeV)

13

MAT 58222

58-Ce-135

(n,p)
Radionuclide Production Cross Section



58-Ce-135

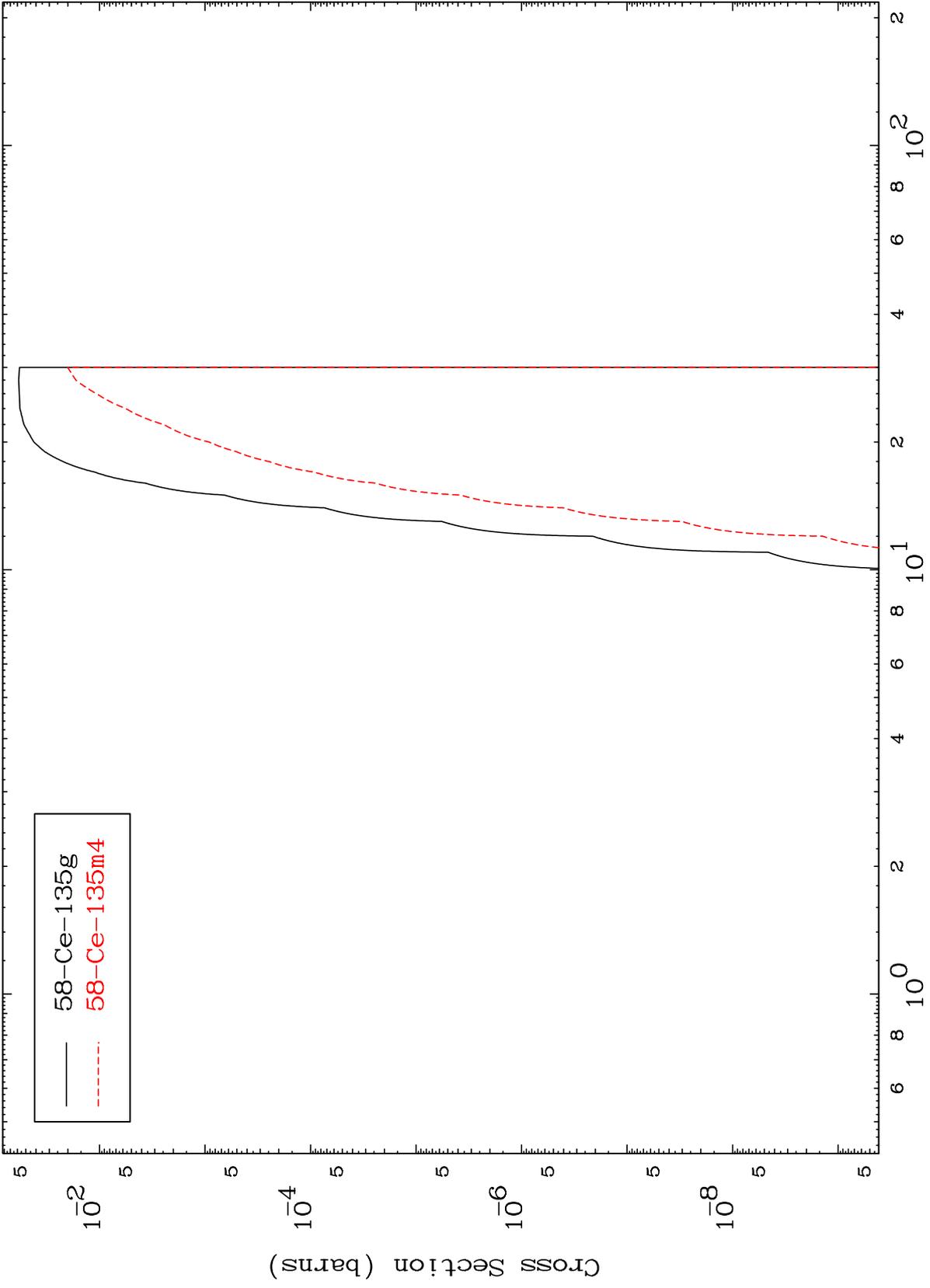
Incident Energy (MeV)

14

MAT 58222

58-Ce-135

(n, α)
Radionuclide Production Cross Section



58-Ce-135g
58-Ce-135m4

58-Ce-135

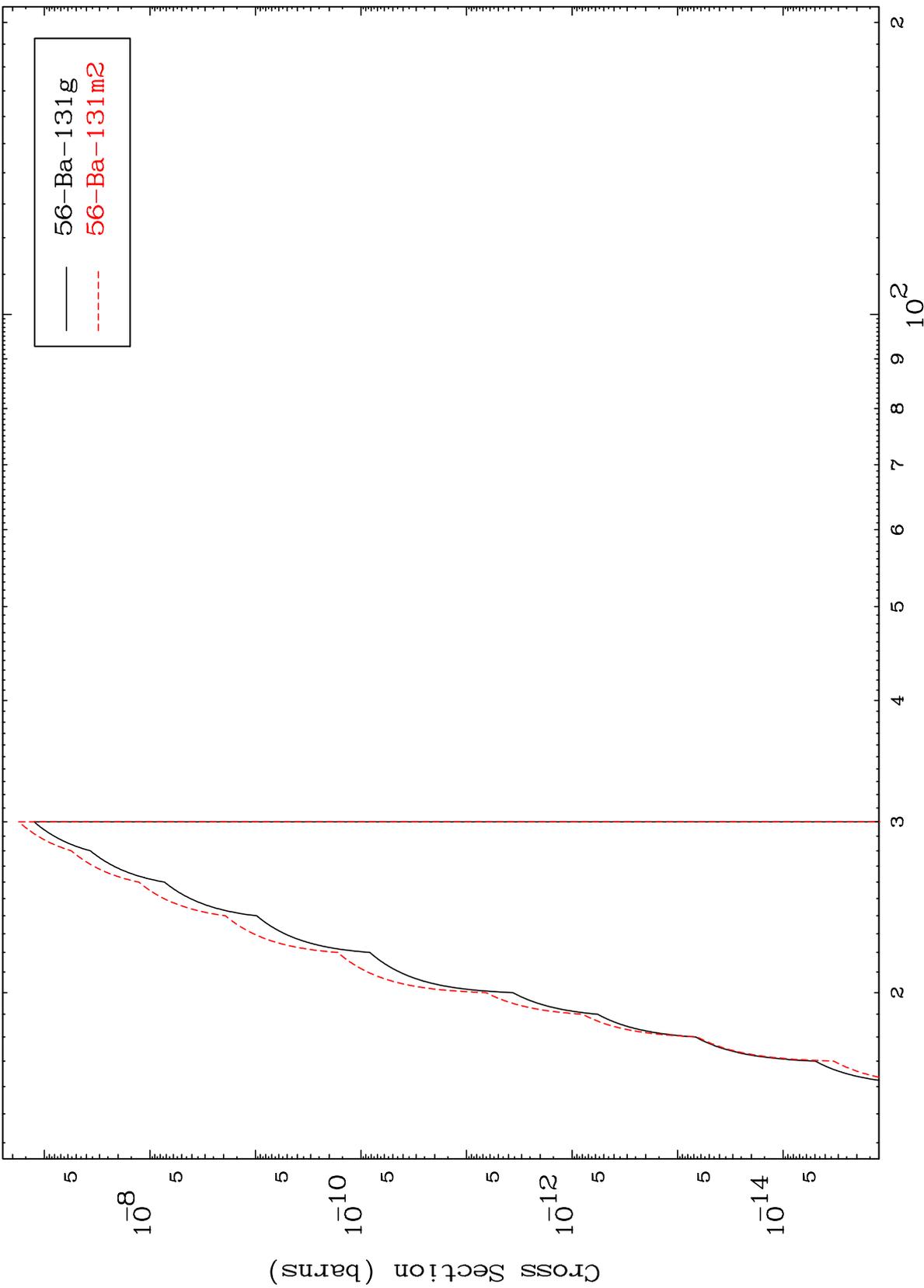
Incident Energy (MeV)

15

MAT 5822

58-Ce-135

(n,2α)
Radionuclide Production Cross Section



56-Ba-131g
56-Ba-131m2

16

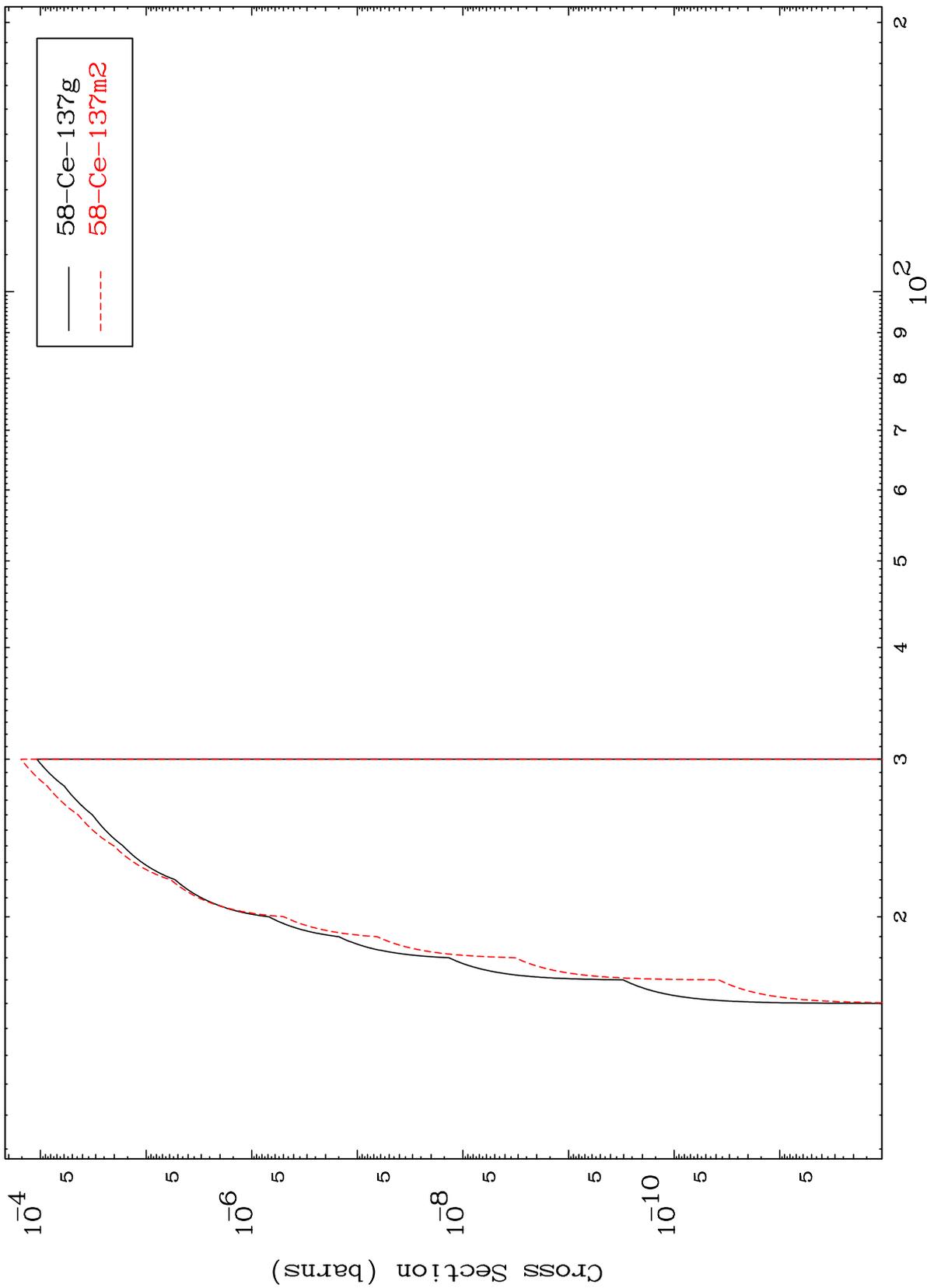
Incident Energy (MeV)

58-Ce-135

MAT 58222

58-Ce-135

(n,2p)
Radionuclide Production Cross Section



58-Ce-135

Incident Energy (MeV)

17