

Program EVALPLOT
(Version 2021-1)

by

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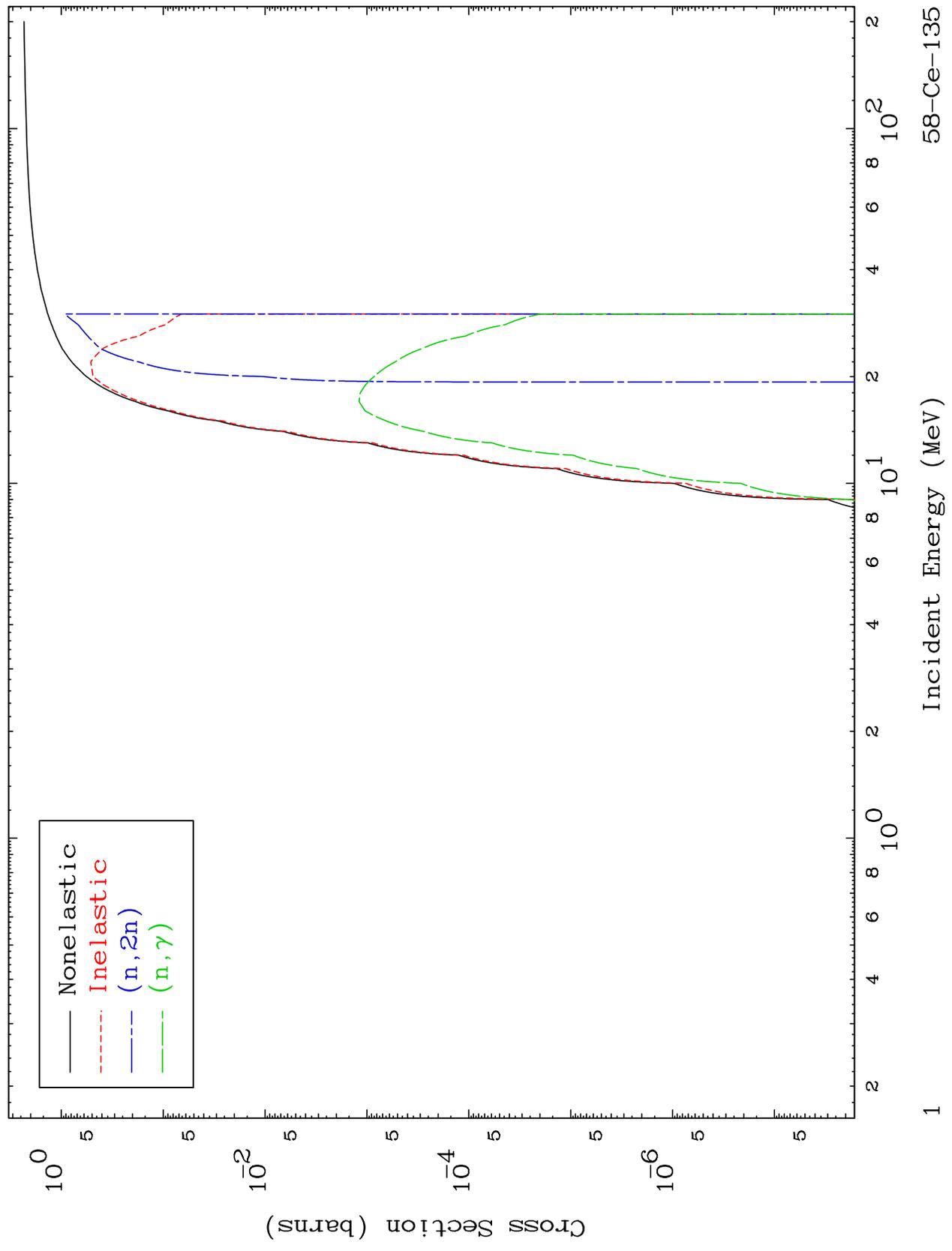
Press Mouse Button to Start

MAT 58222

0 Kelvin

α Major Cross Sections

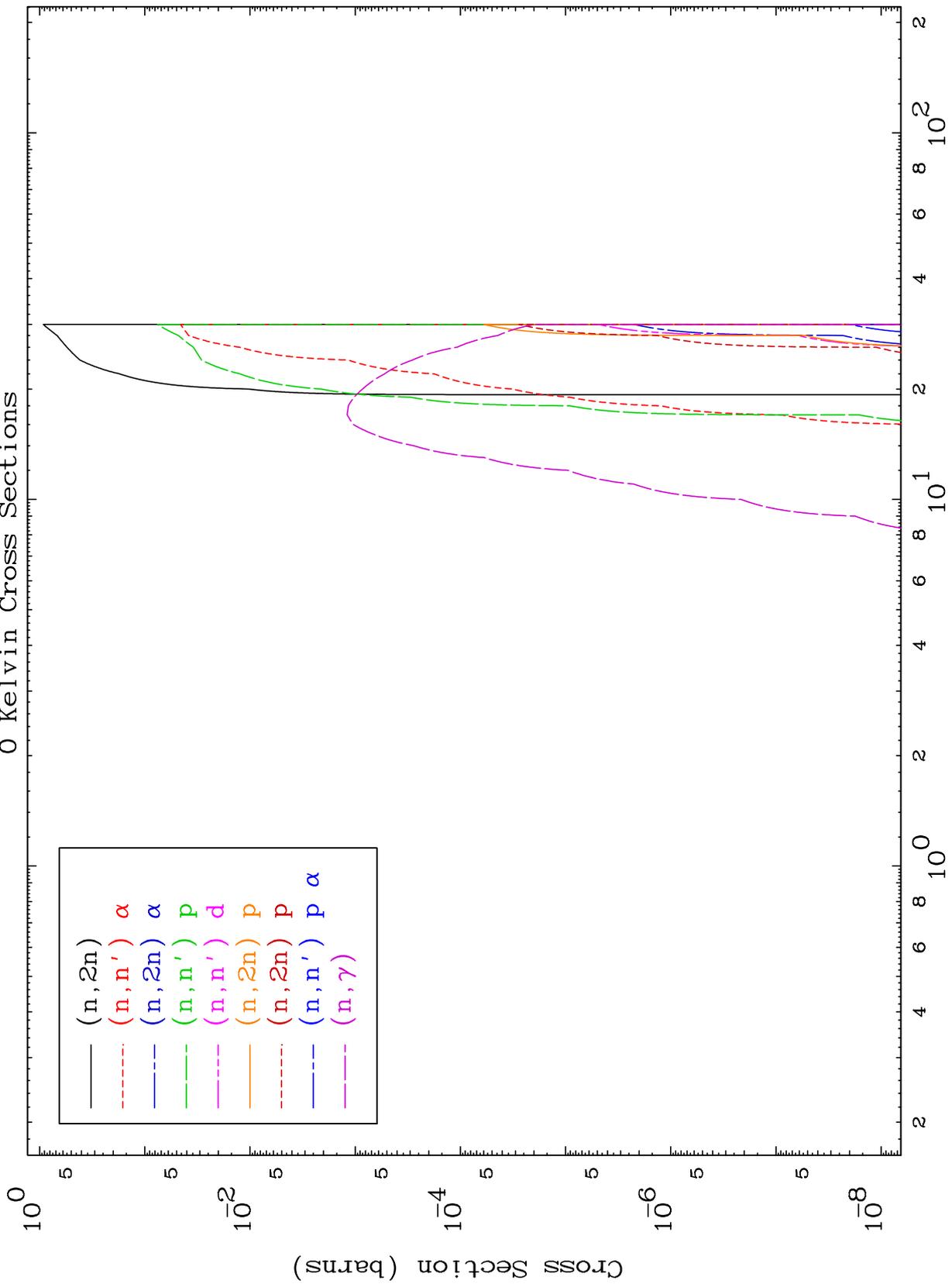
58-Ce-135



MAT 58222

α Neutron Absorption
0 Kelvin Cross Sections

58-Ce-135



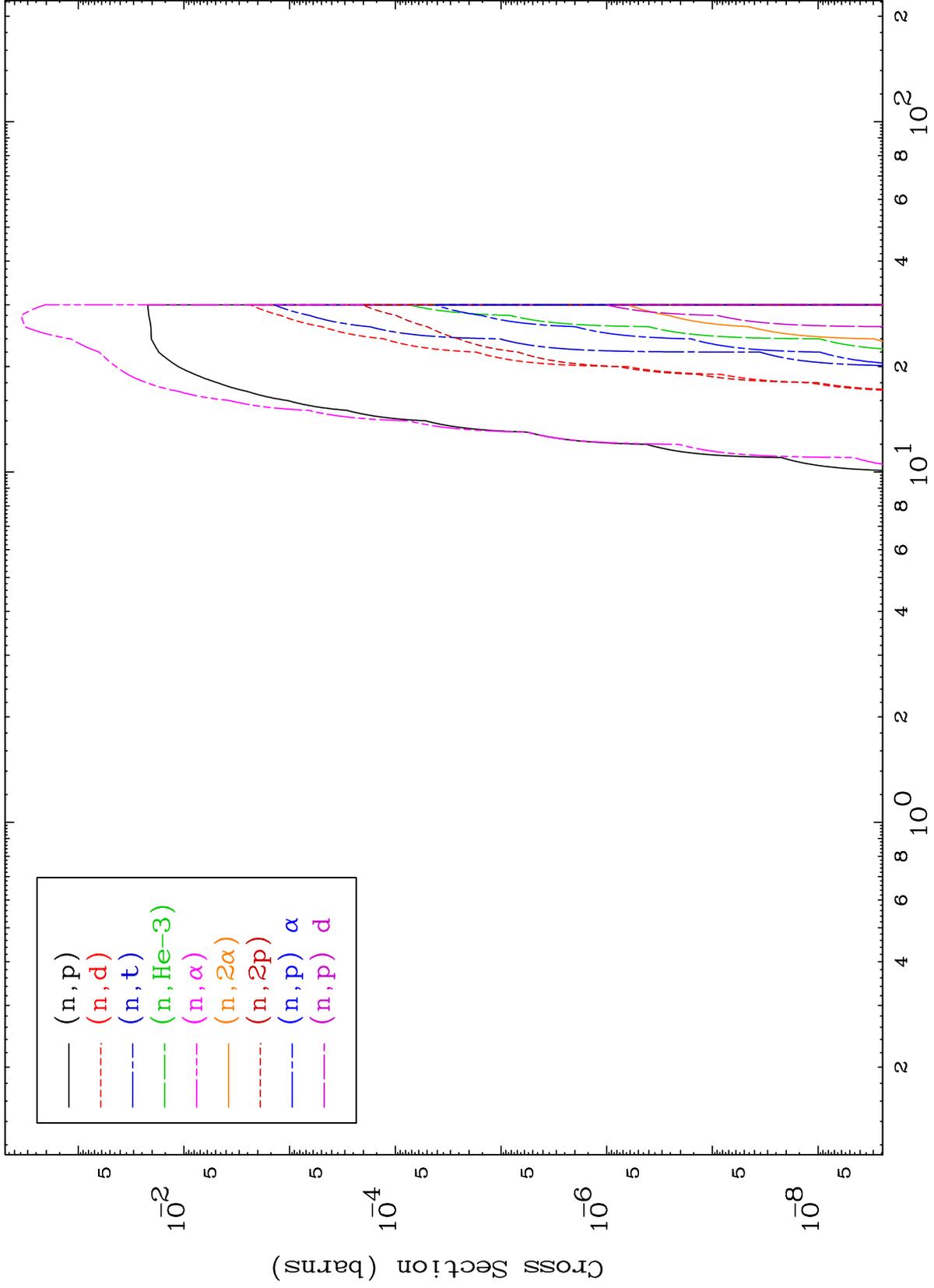
58-Ce-135

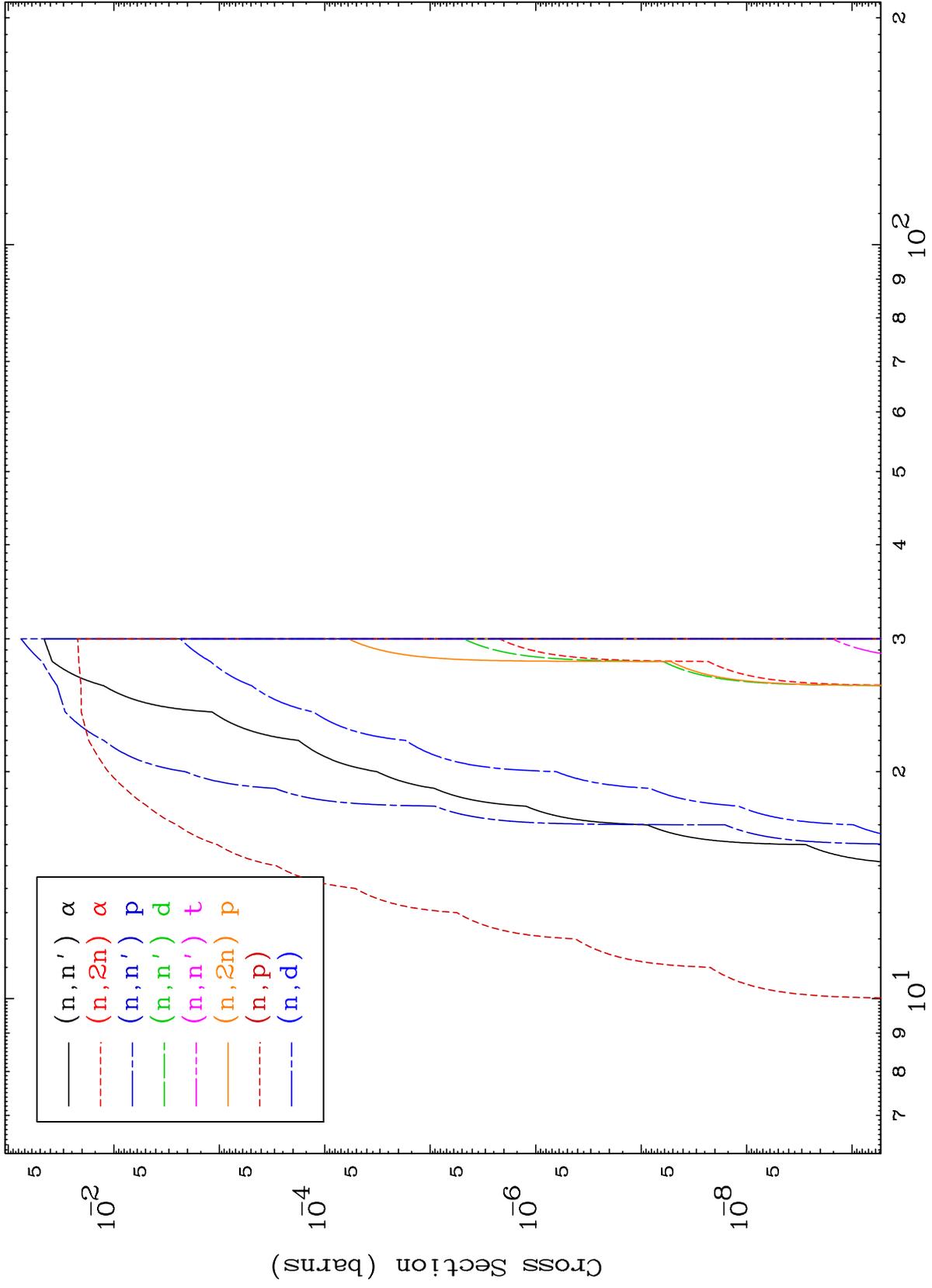
Incident Energy (MeV)

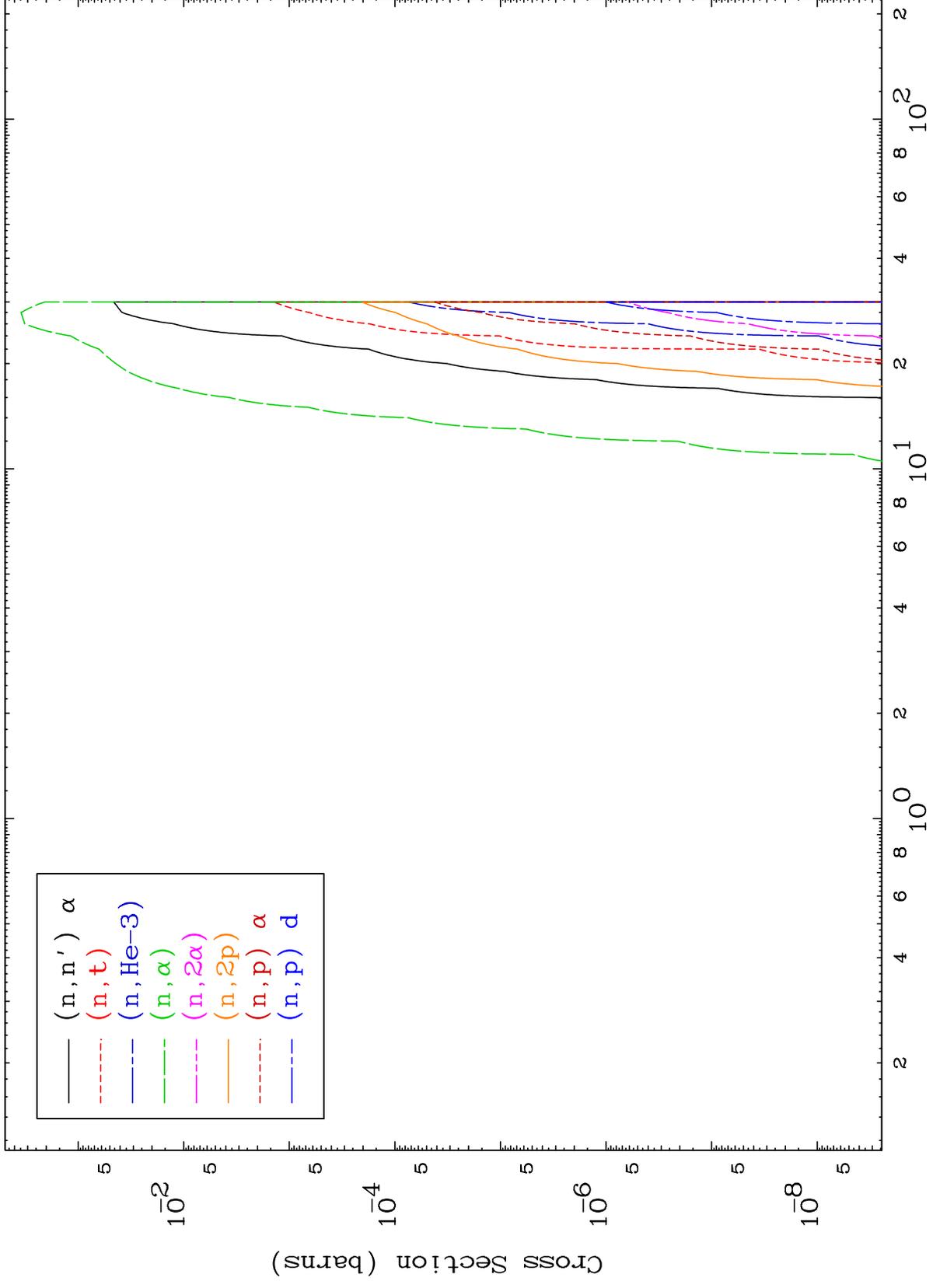
MAT 58222

α Neutron Absorption
0 Kelvin Cross Sections

58-Ce-135



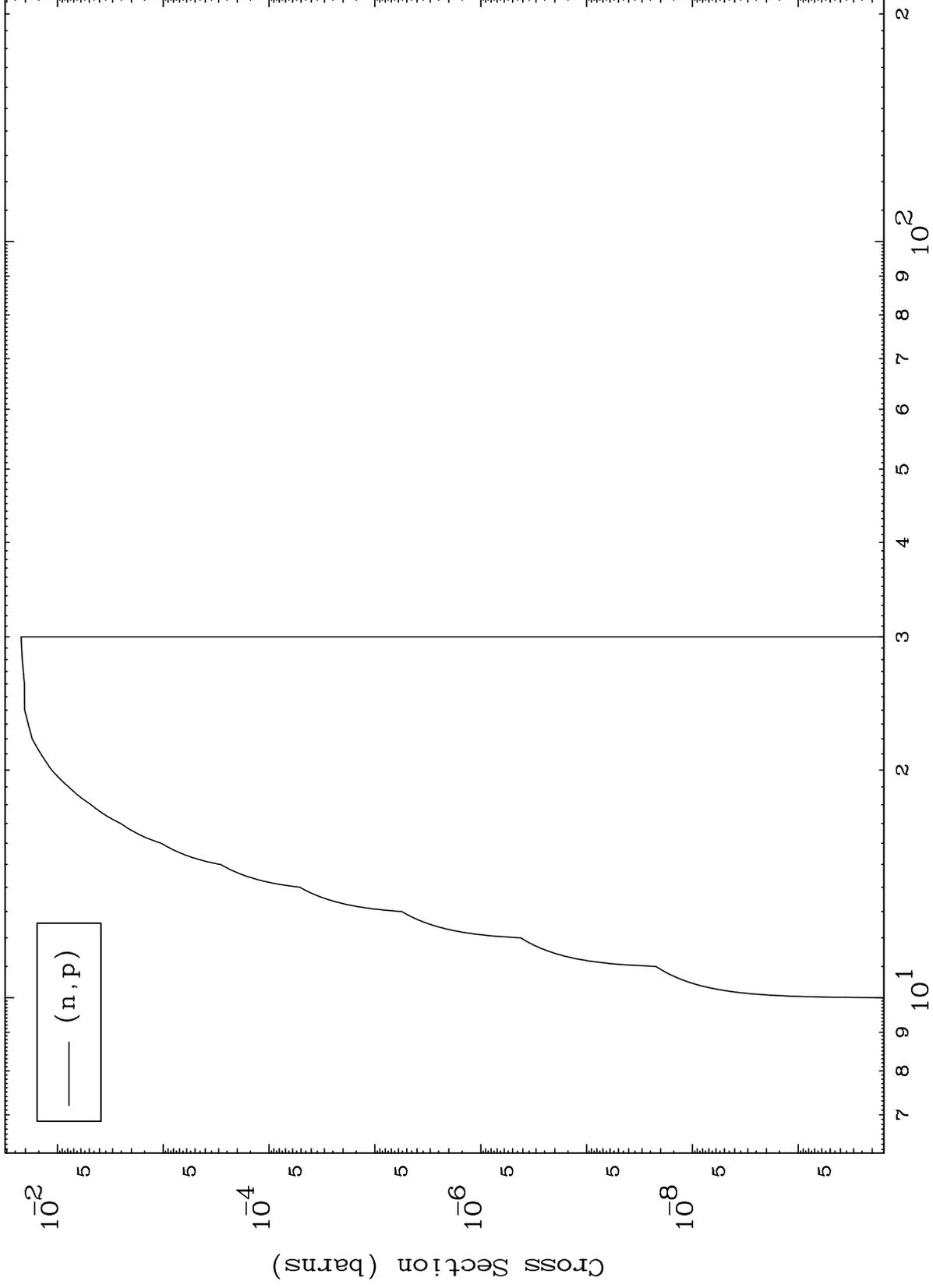




MAT 58222

(α, p) Levels
0 Kelvin Cross Sections

58-Ce-135



6

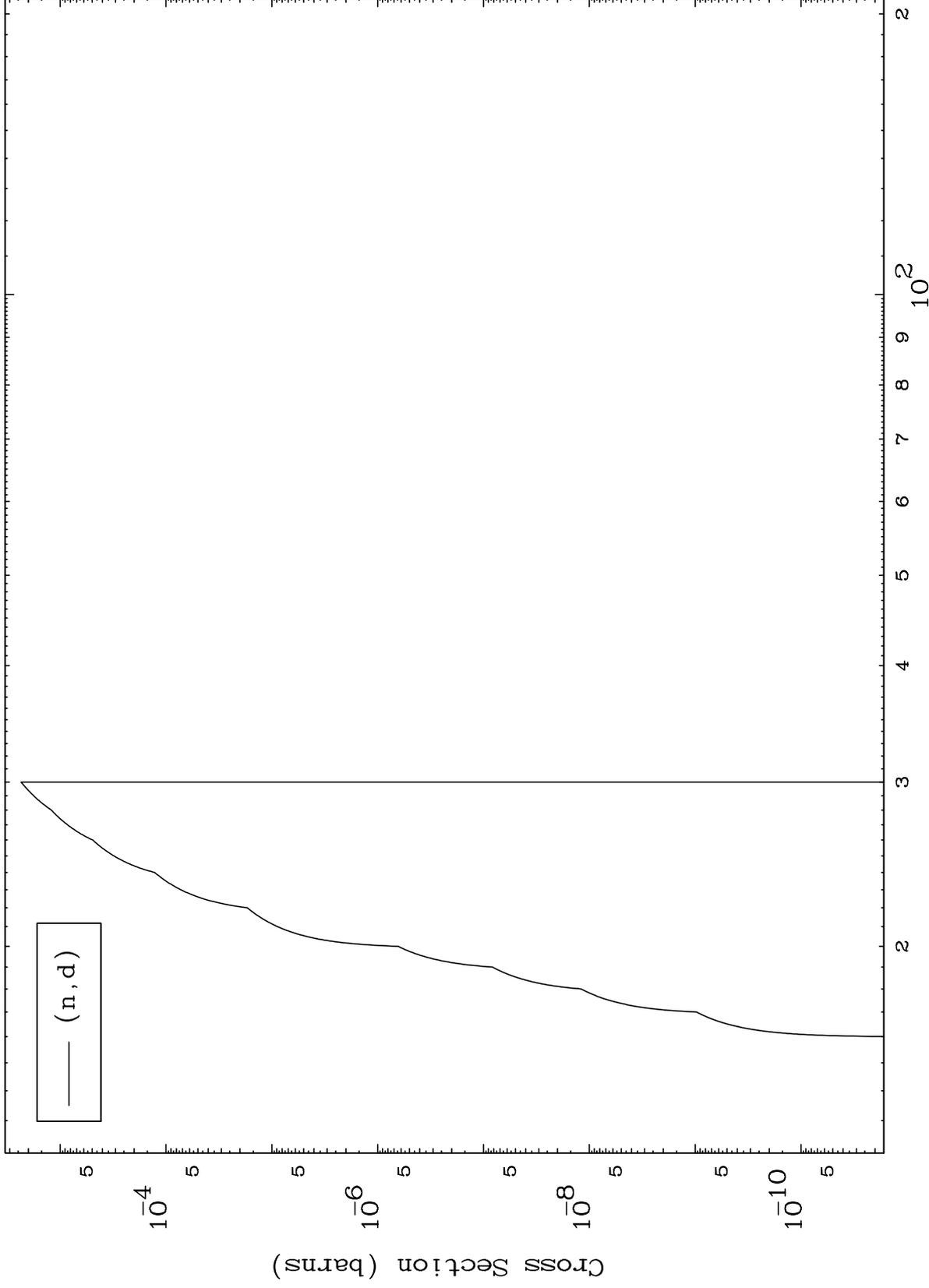
Incident Energy (MeV)

58-Ce-135

MAT 58222

58-Ce-135

(α, d) Levels
0 Kelvin Cross Sections



58-Ce-135

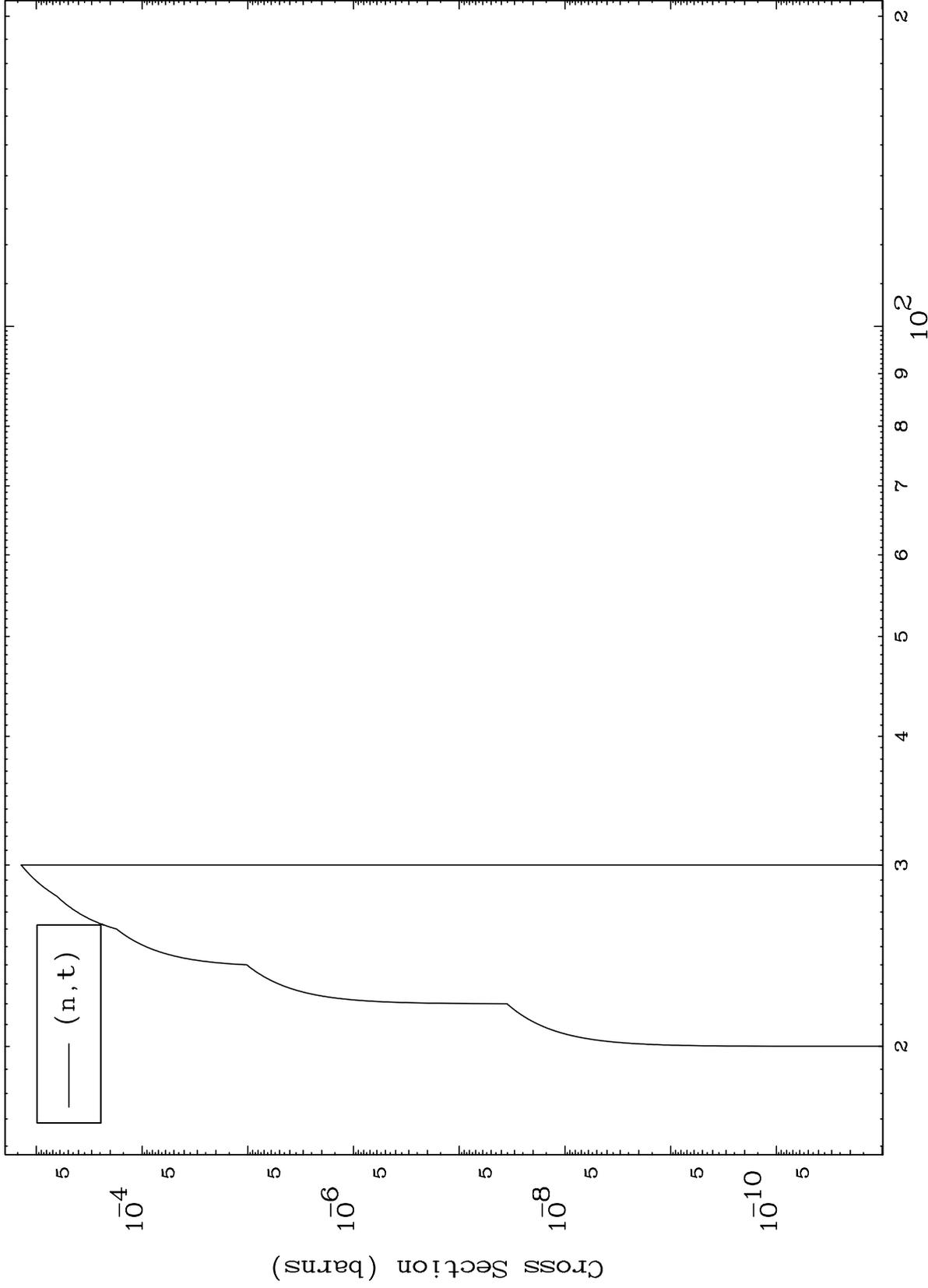
Incident Energy (MeV)

7

MAT 58222

(α, t) Levels
0 Kelvin Cross Sections

58-Ce-135



8

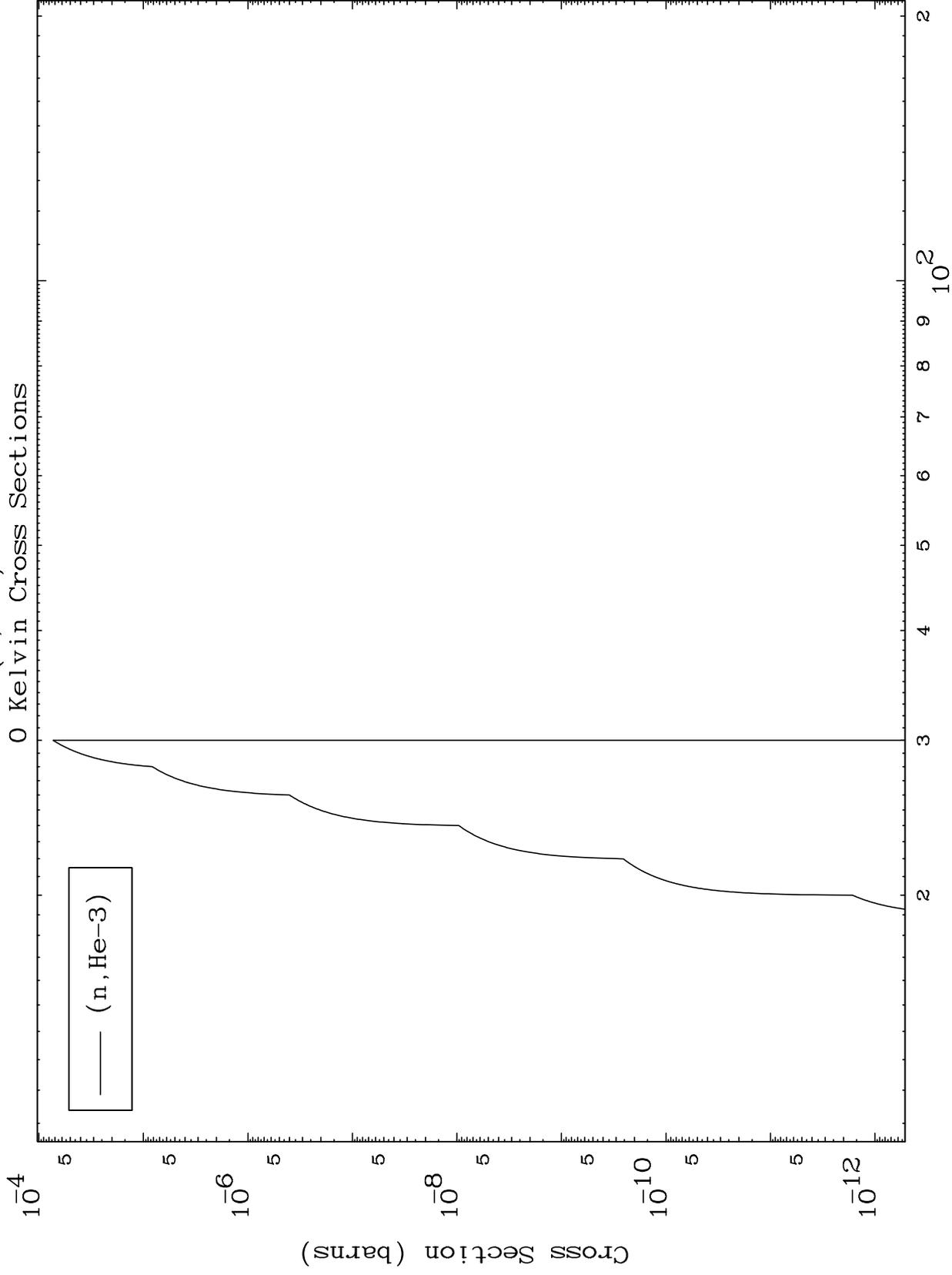
Incident Energy (MeV)

58-Ce-135

MAT 58222

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

58-Ce-135

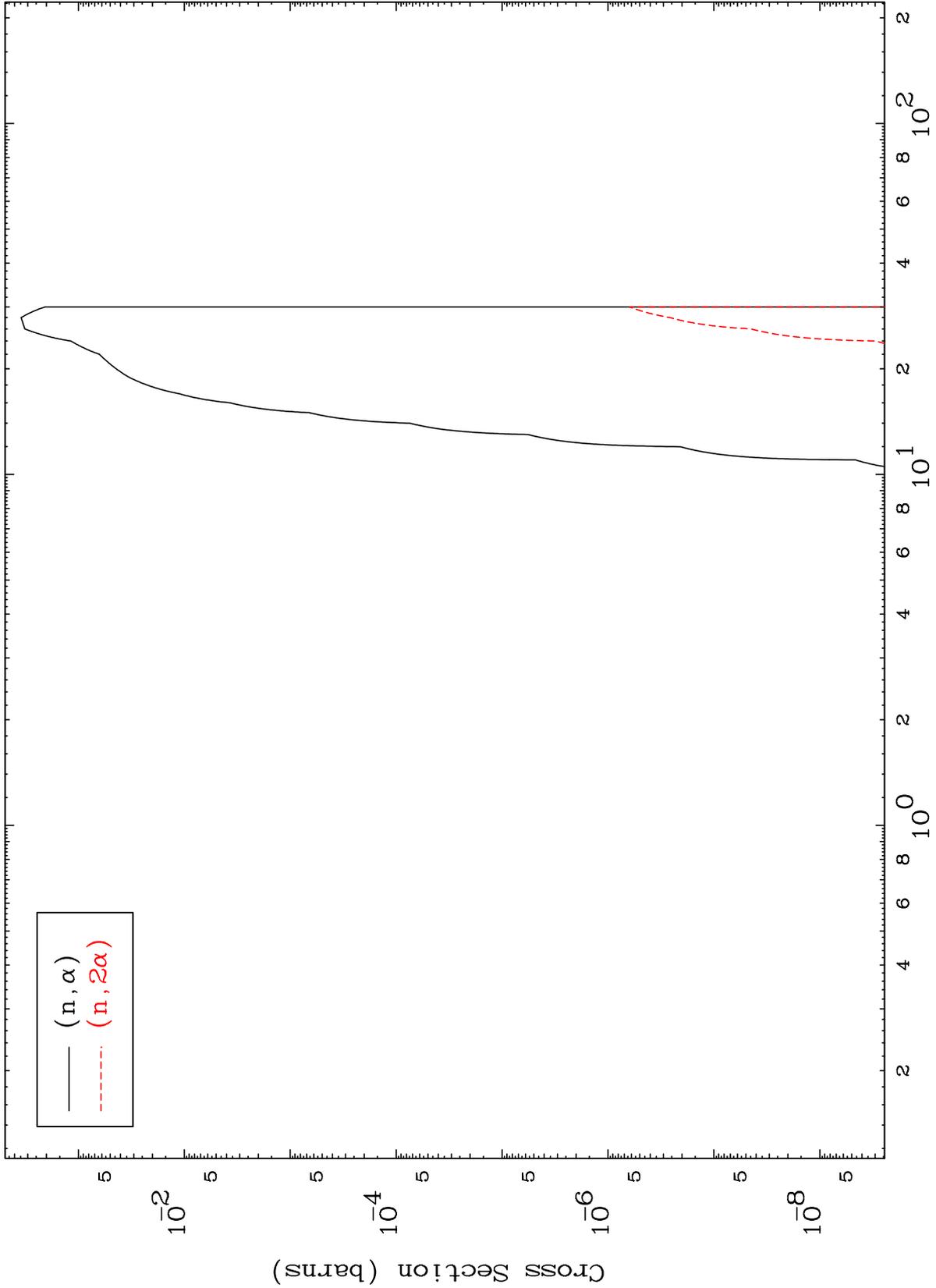


MAT 58222

(α, α) Levels

58-Ce-135

0 Kelvin Cross Sections



— (n, α)
- - - ($n, 2\alpha$)

10

Incident Energy (MeV)

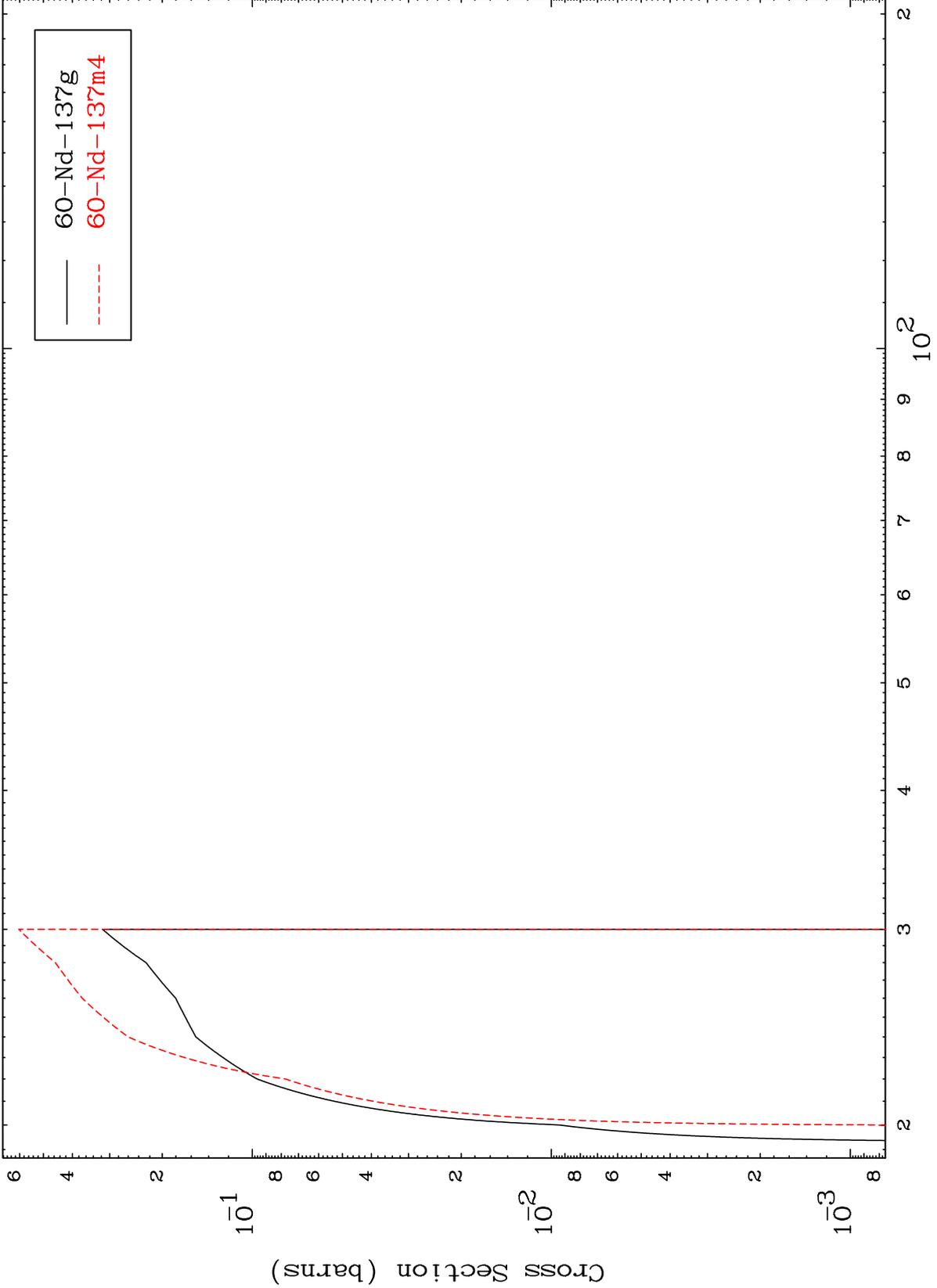
58-Ce-135

MAT 5822

(n,2n)

58-Ce-135

Radionuclide Production Cross Section



11

Incident Energy (MeV)

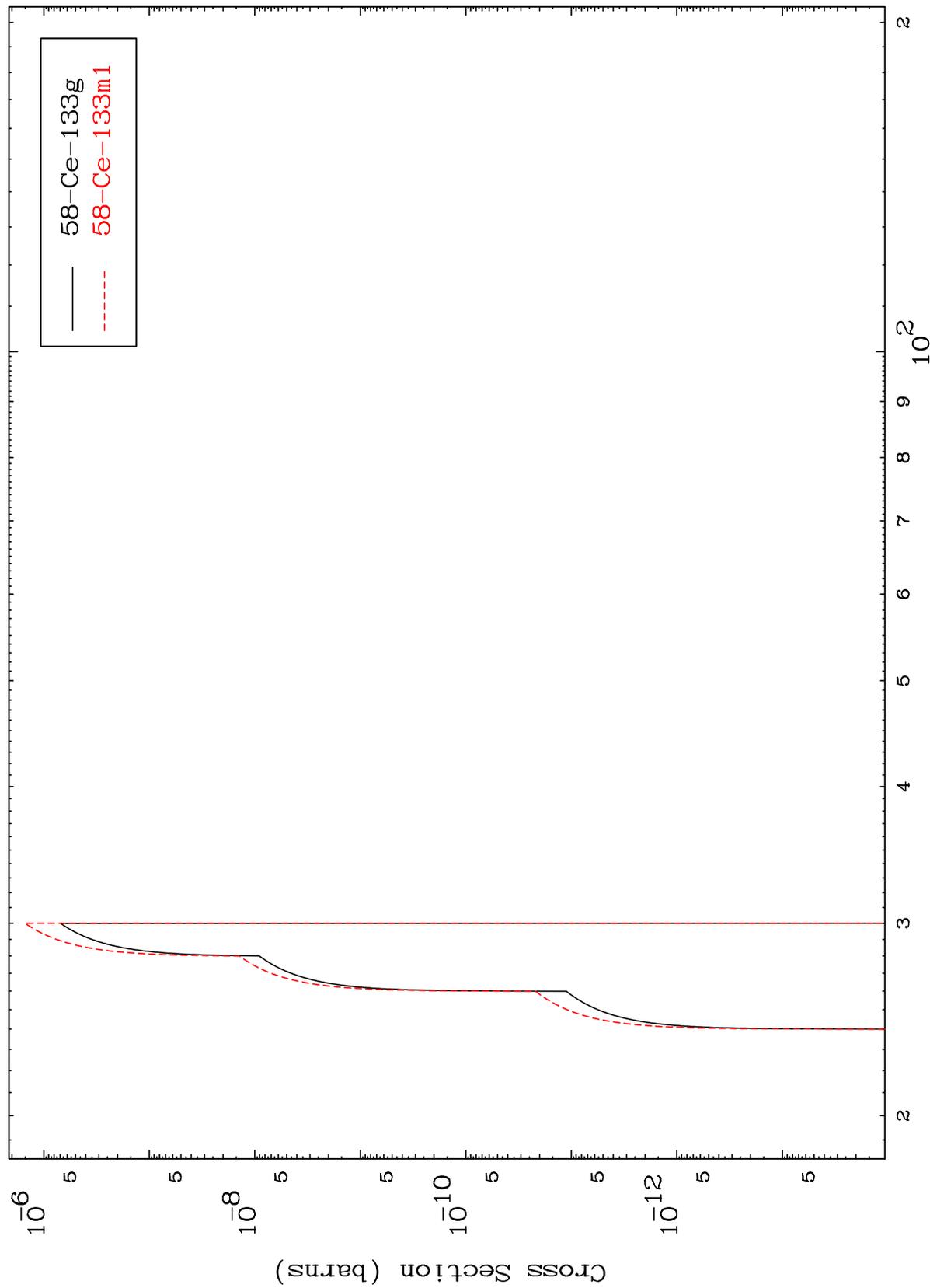
58-Ce-135

MAT 58222

(n,2n) α

58-Ce-135

Radionuclide Production Cross Section



12

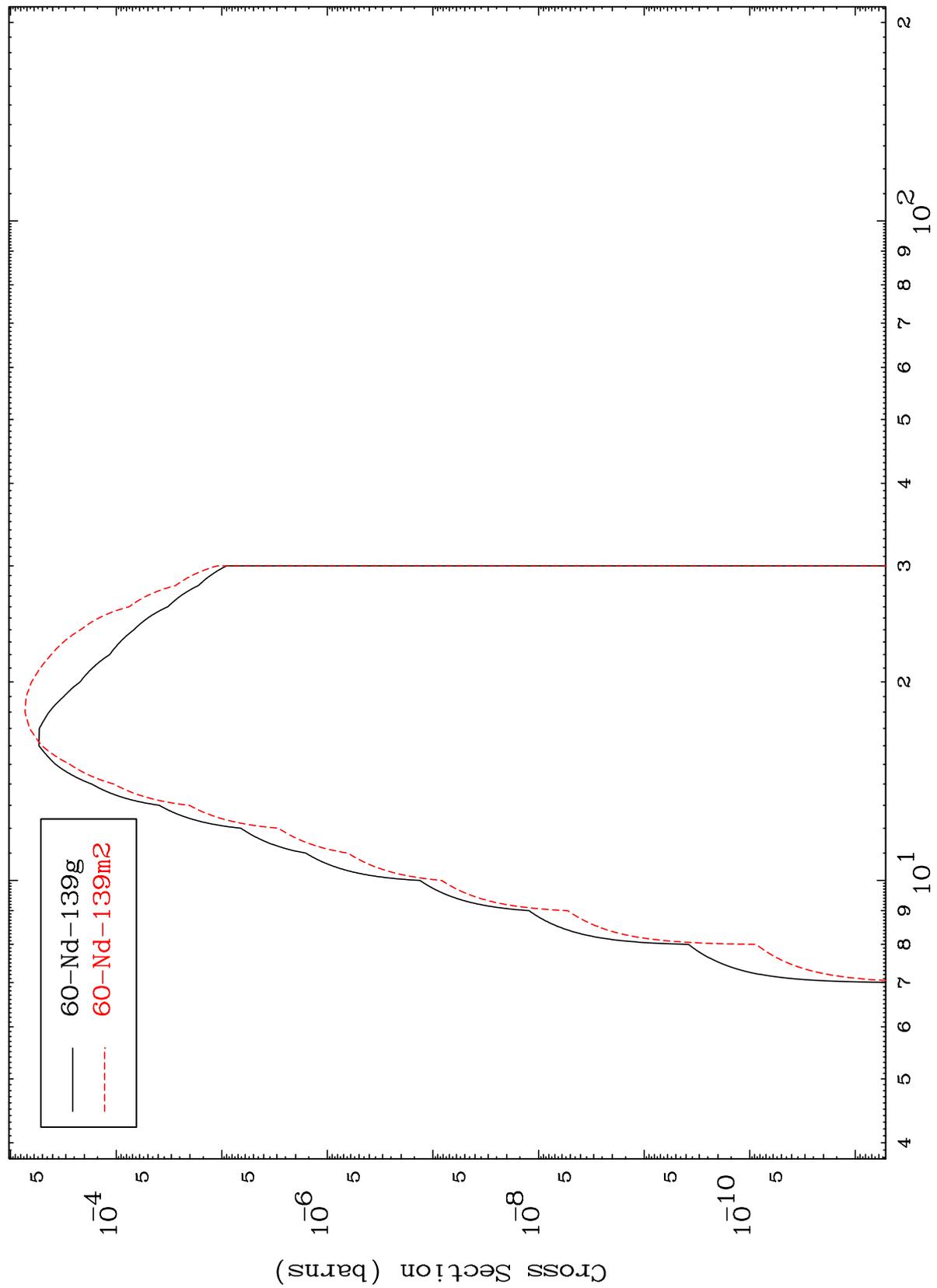
Incident Energy (MeV)

58-Ce-135

MAT 5822

58-Ce-135

Radionuclide Production Cross Section
(n,γ)



13

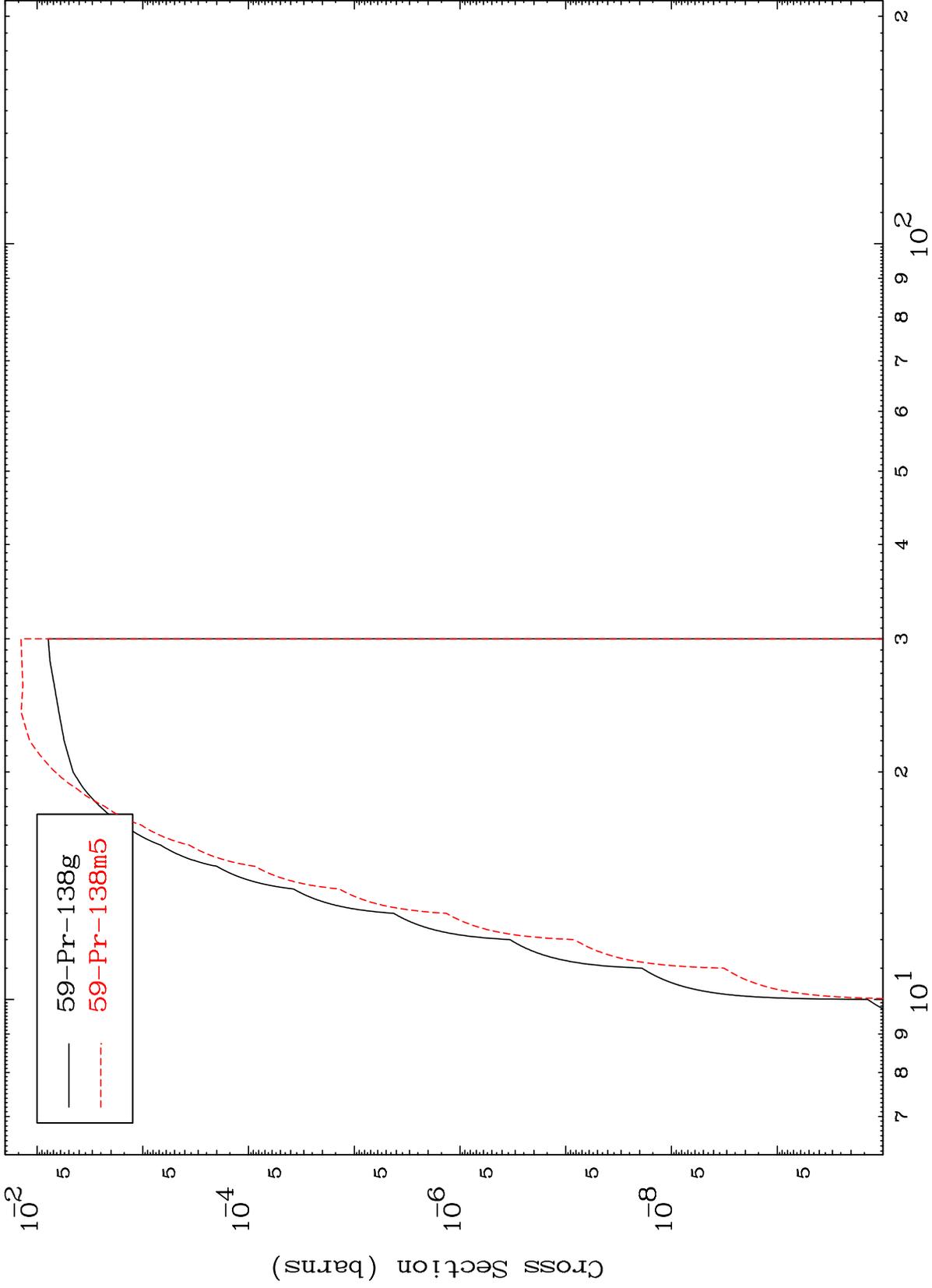
Incident Energy (MeV)

58-Ce-135

MAT 58222

58-Ce-135

(n,p)
Radionuclide Production Cross Section



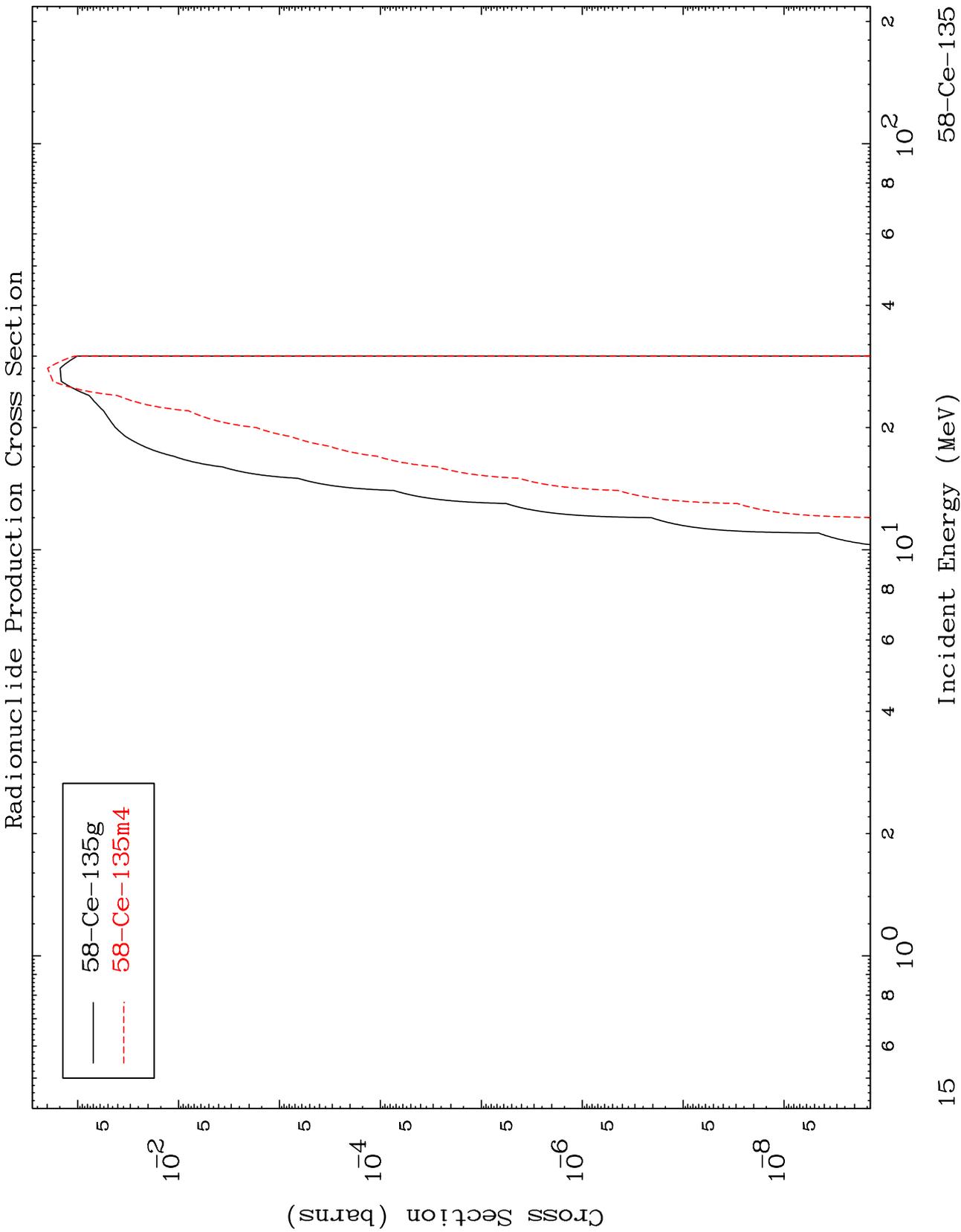
58-Ce-135

Incident Energy (MeV)

14

MAT 58222

58-Ce-135



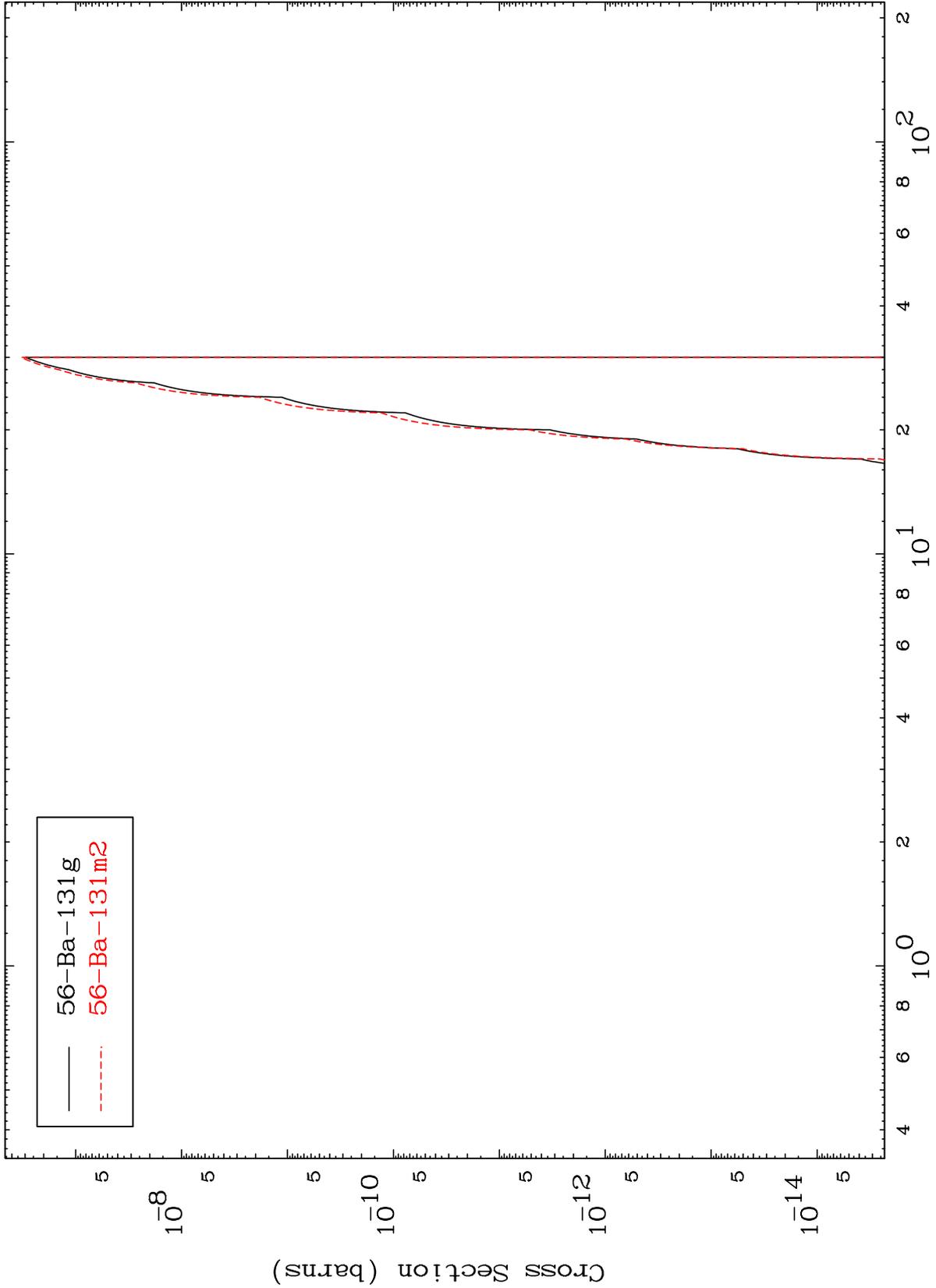
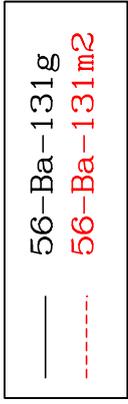
58-Ce-135g
58-Ce-135m4

MAT 5822

(n,2α)

58-Ce-135

Radionuclide Production Cross Section



16

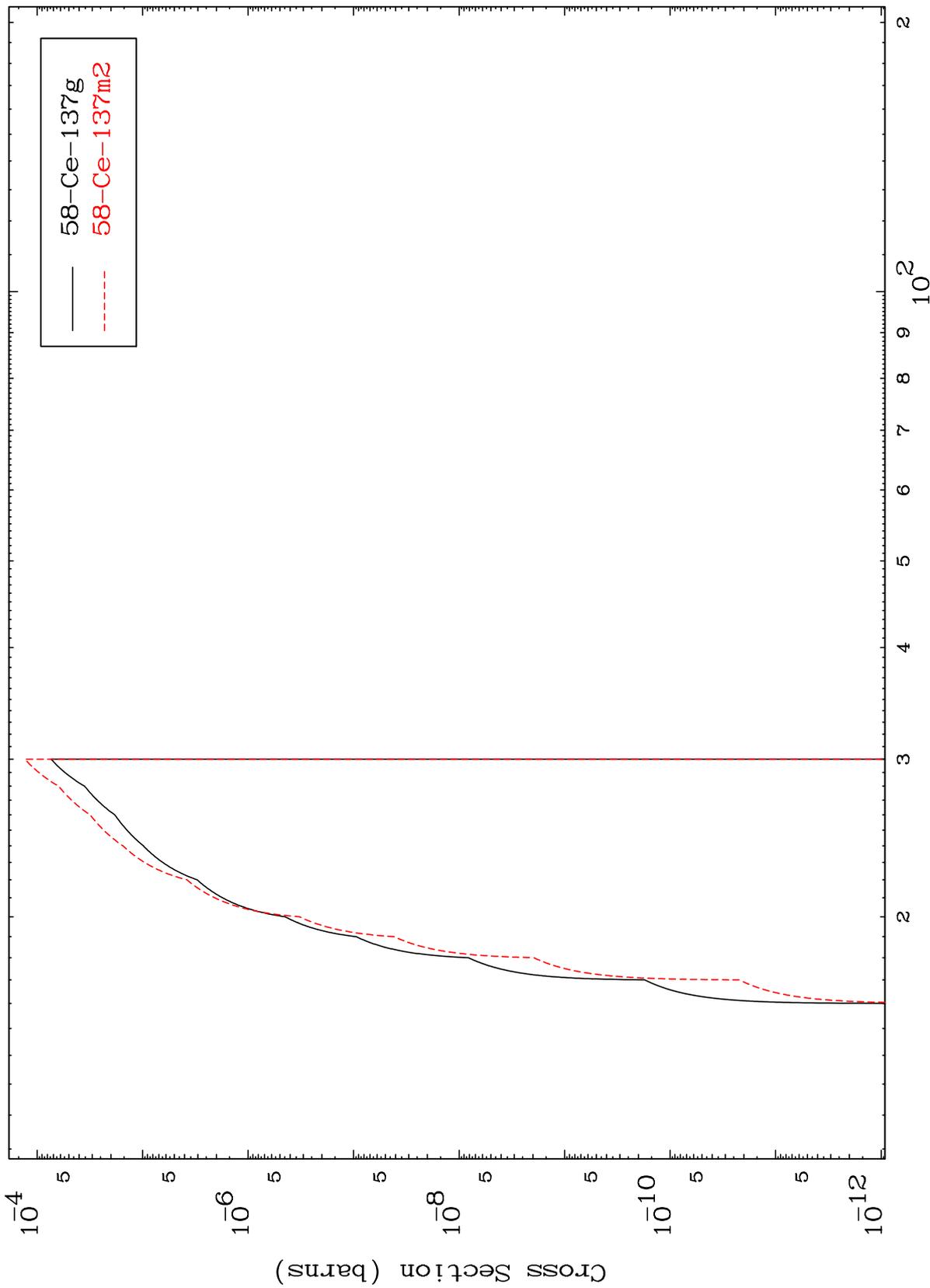
Incident Energy (MeV)

58-Ce-135

MAT 58222

58-Ce-135

(n,2p)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

58-Ce-135