

Program EVALPLOT
(Version 2021-1)

by

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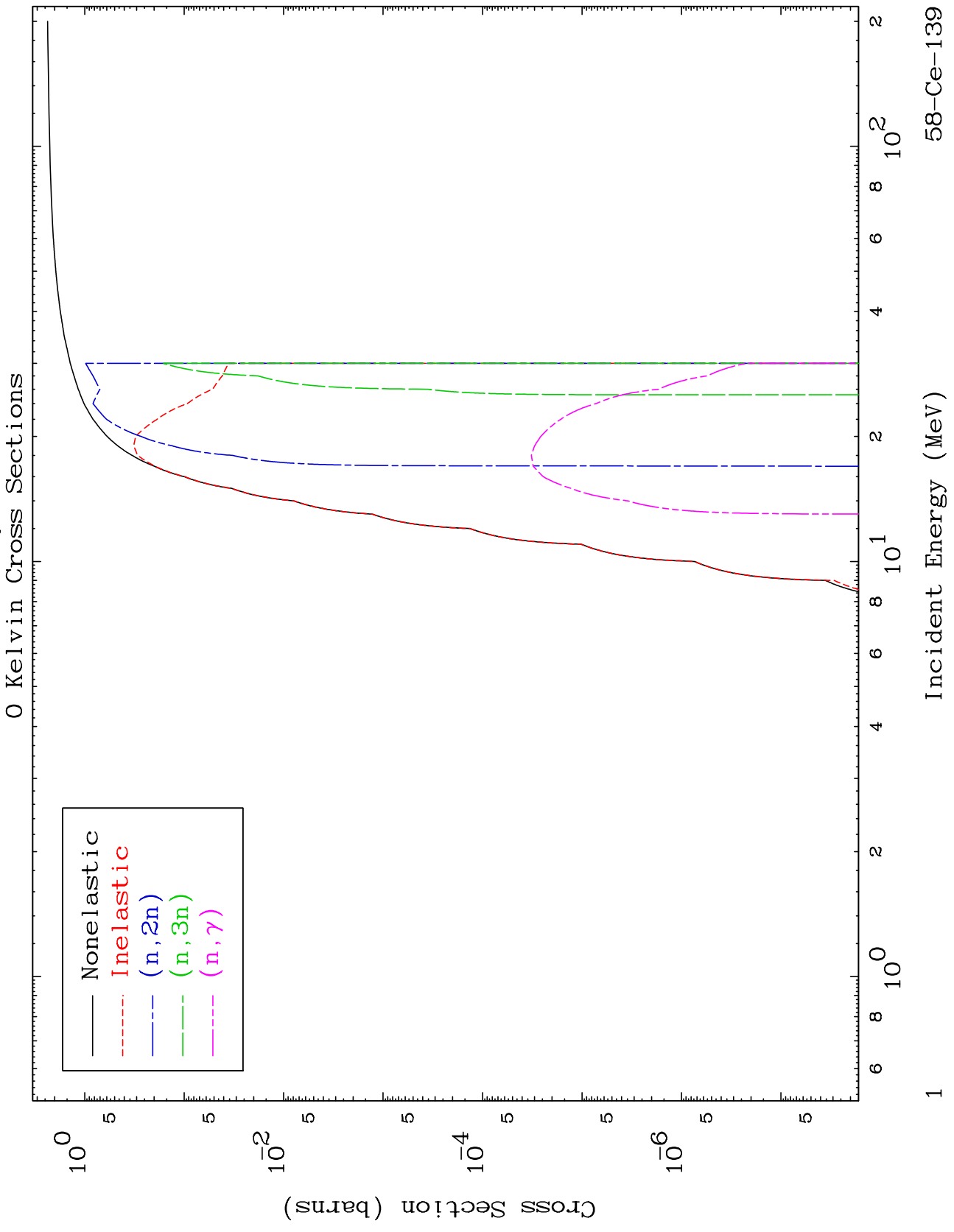
Press Mouse Button to Start

MAT 5834

0 Kelvin

α Major

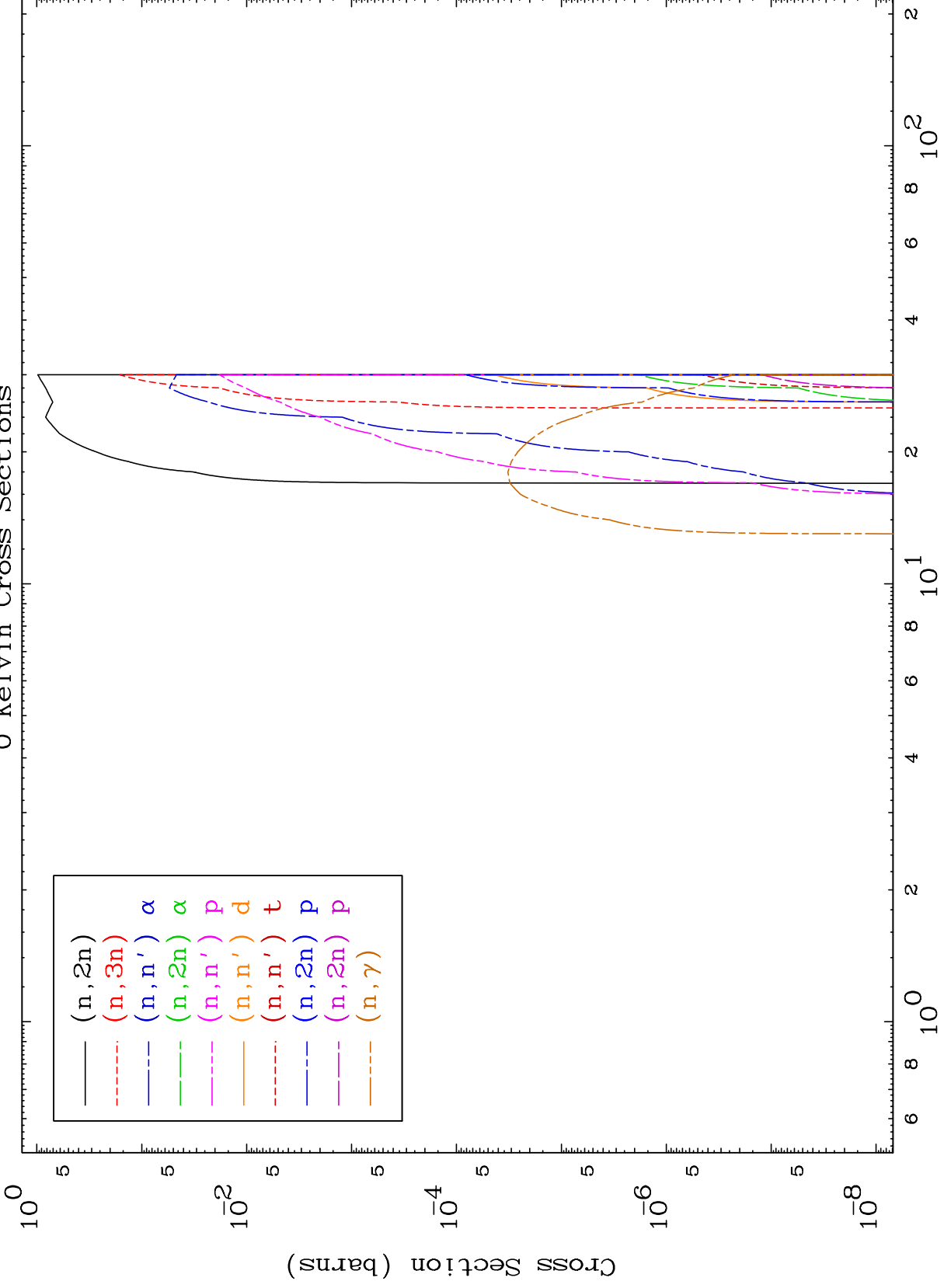
58-Ce-139



MAT 5834

α Neutron Absorption
0 Kelvin Cross Sections

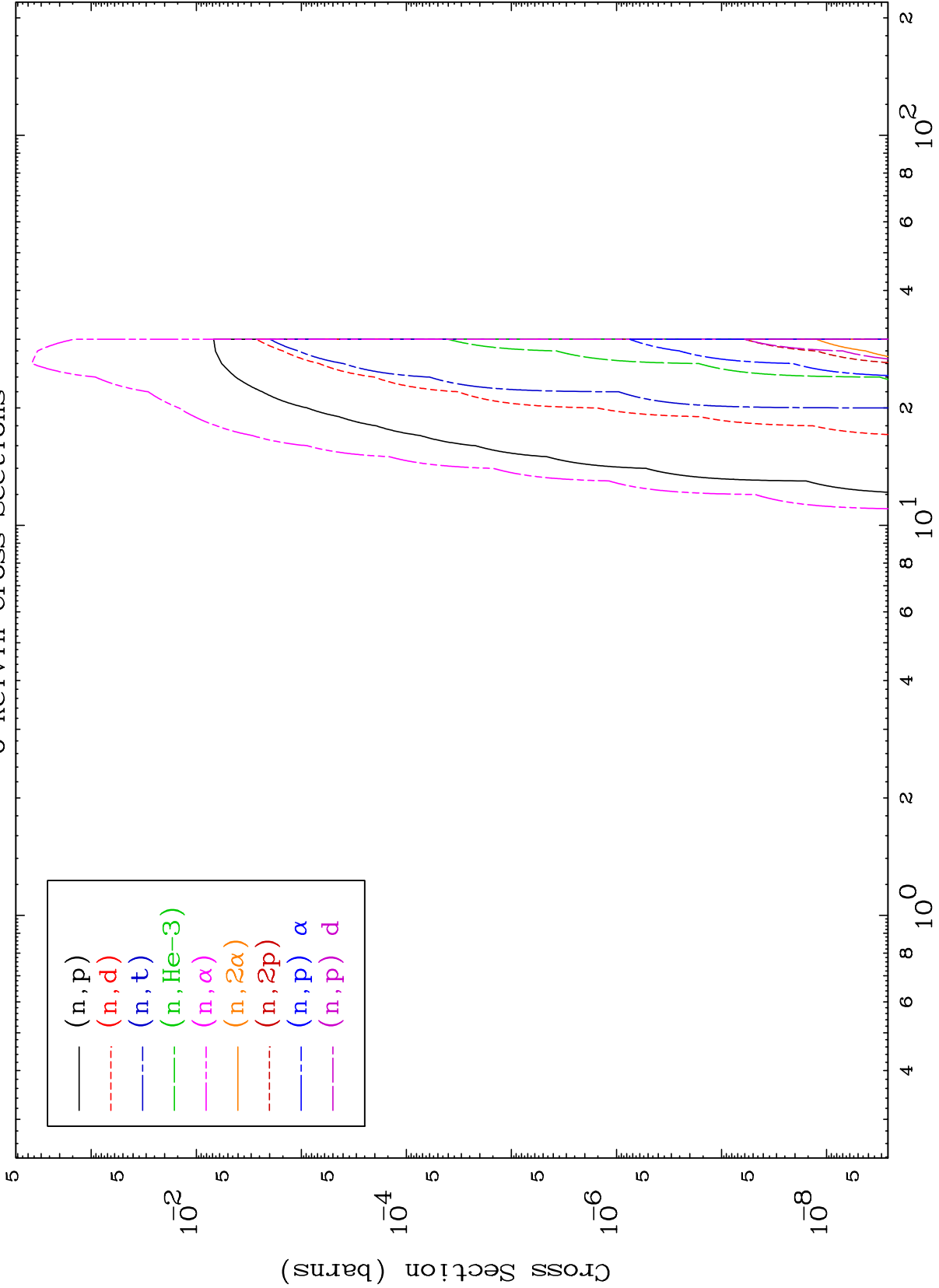
58-Ce-139

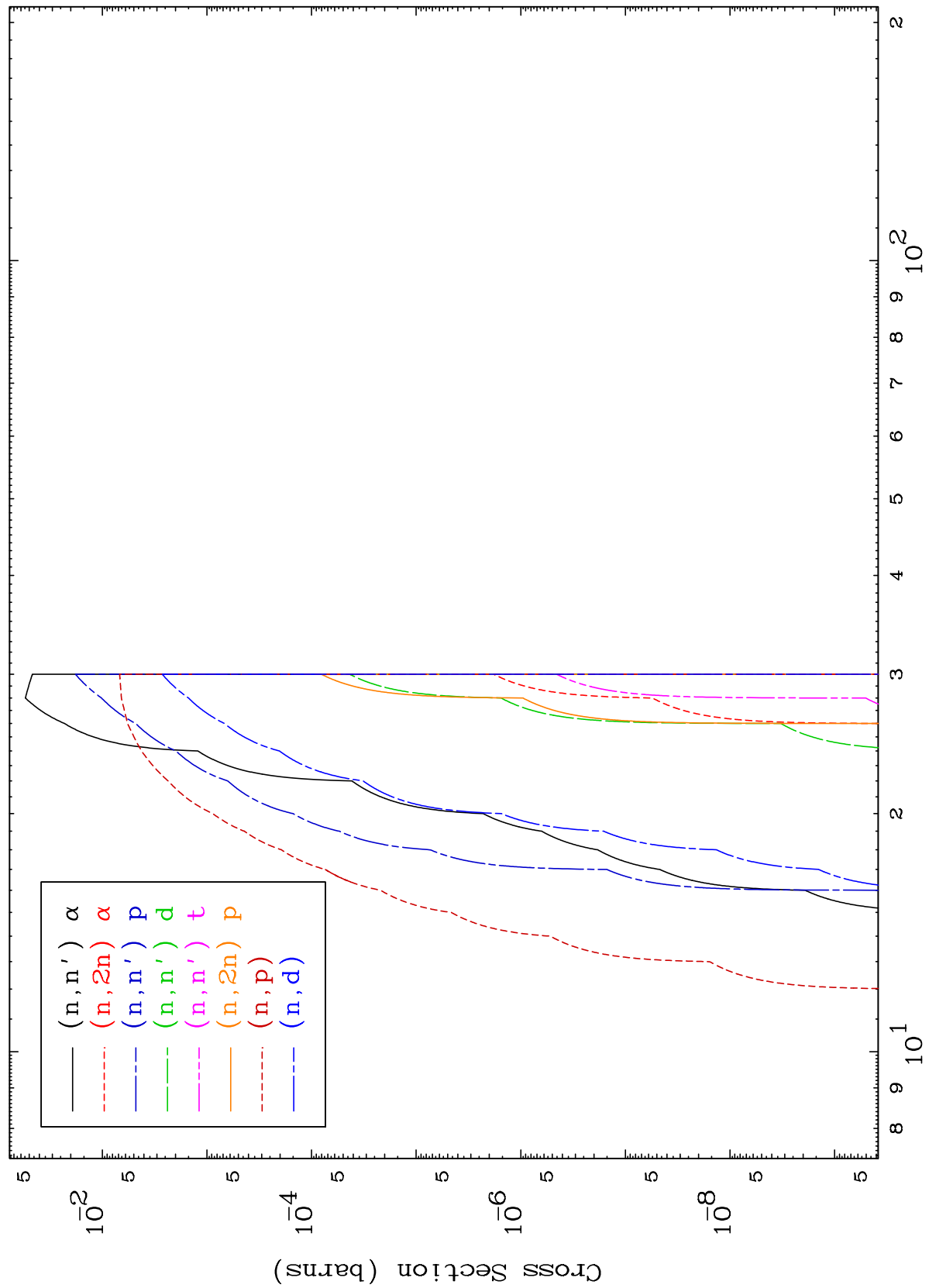


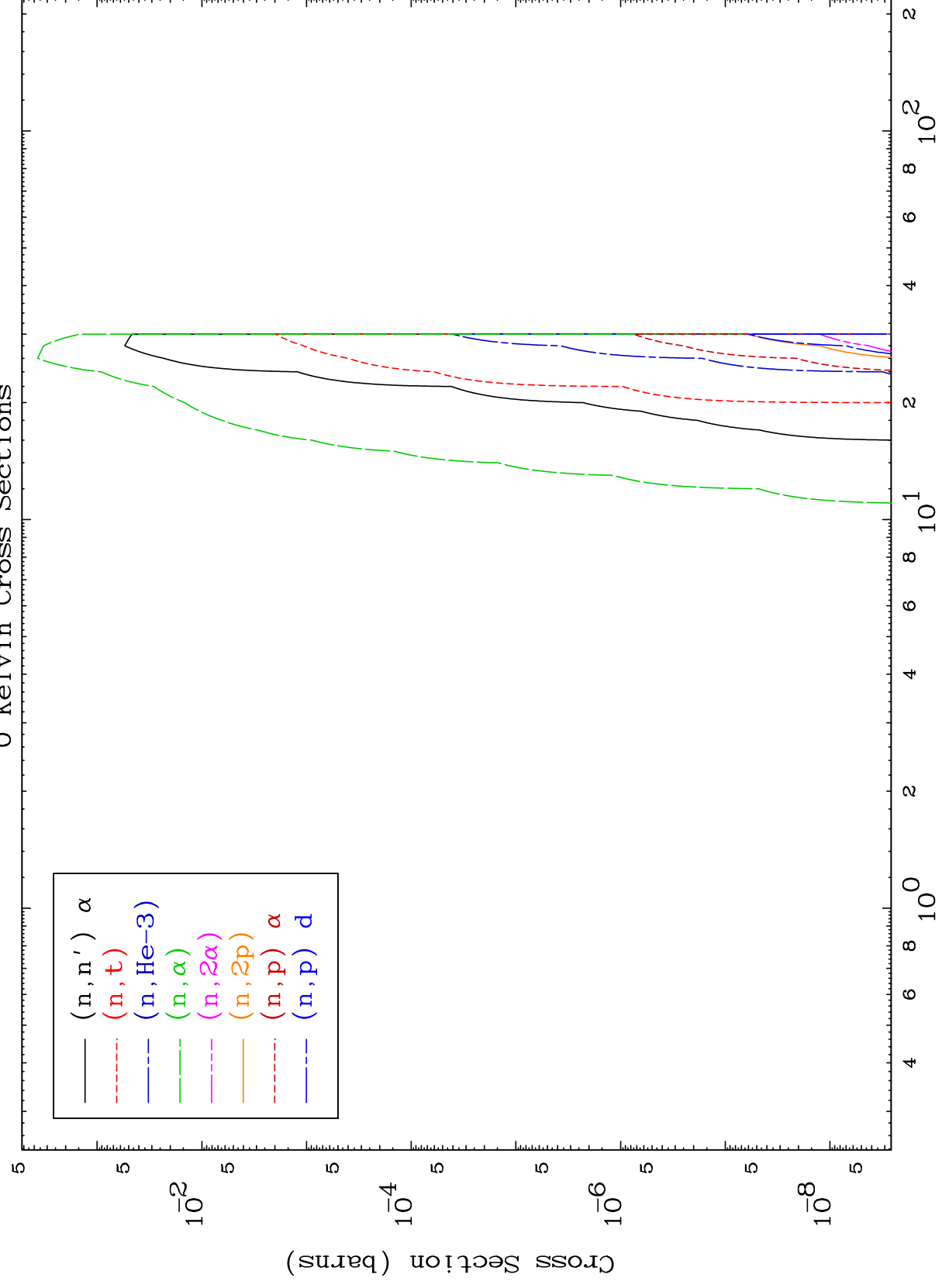
2

Incident Energy (MeV)

58-Ce-139





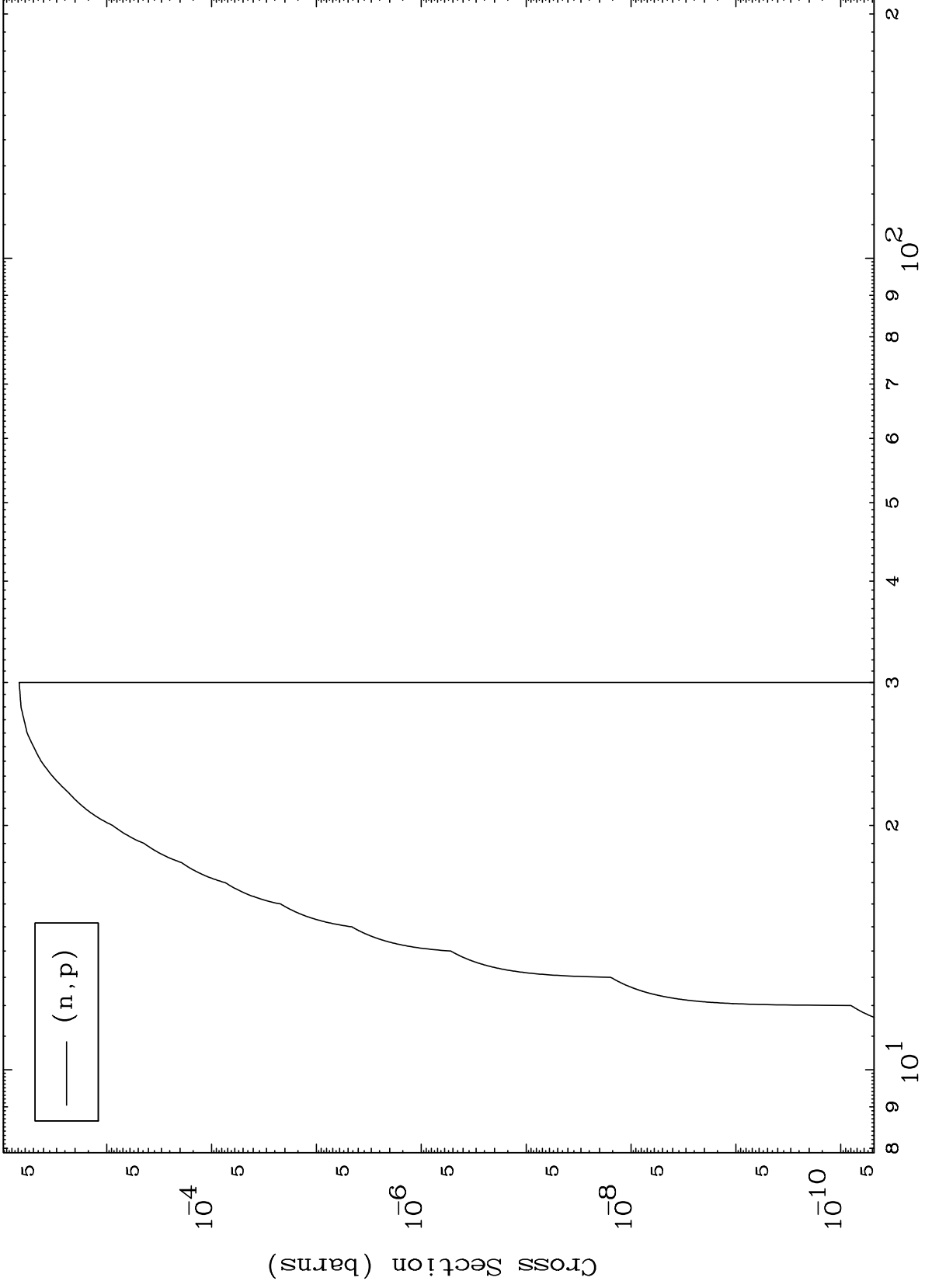


MAT 5834

(α, p) Levels

58-Ce-139

0 Kelvin Cross Sections



Incident Energy (MeV)

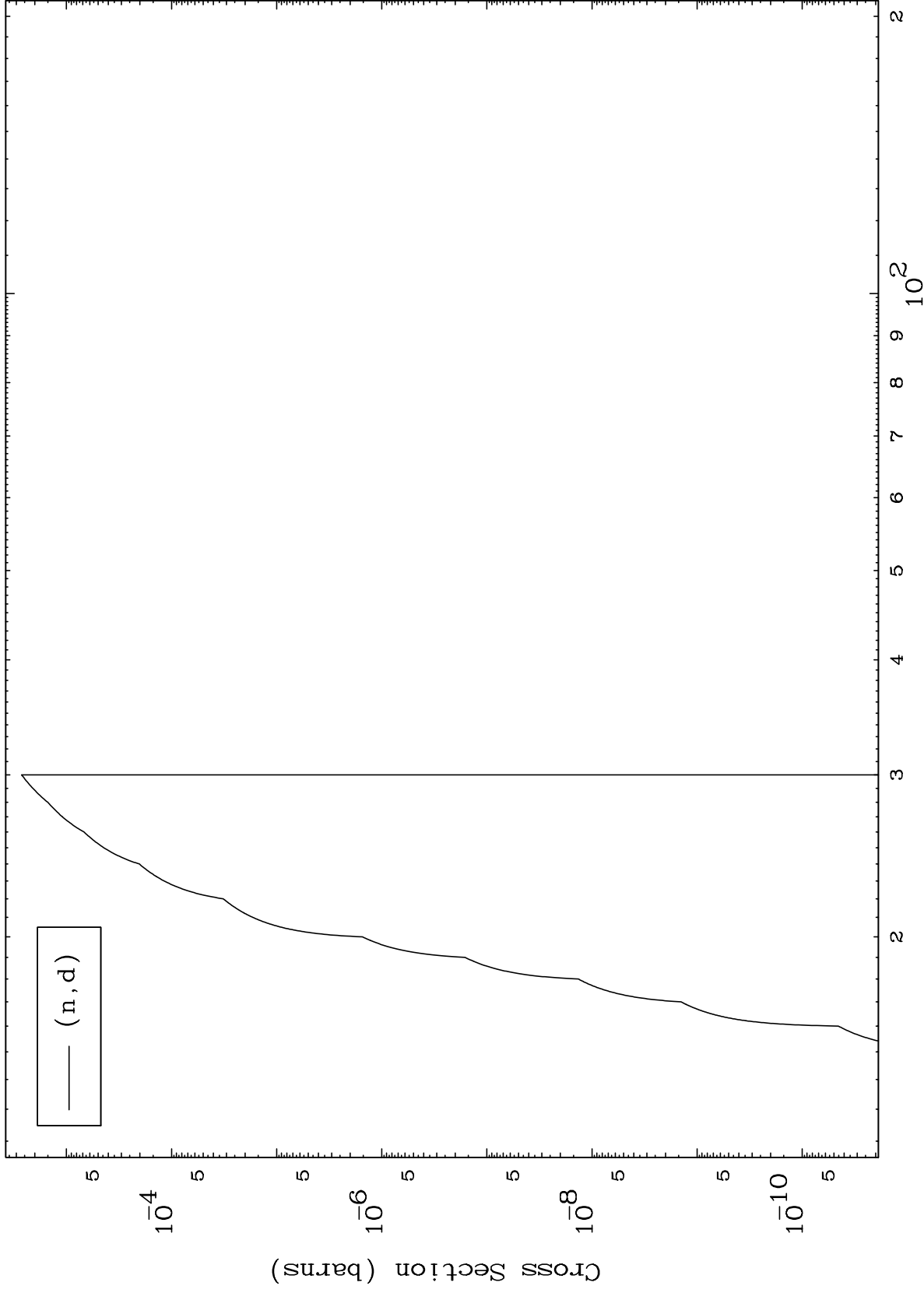
58-Ce-139

6

MAT 5834

(α, d) Levels
0 Kelvin Cross Sections

58-Ce-139



7

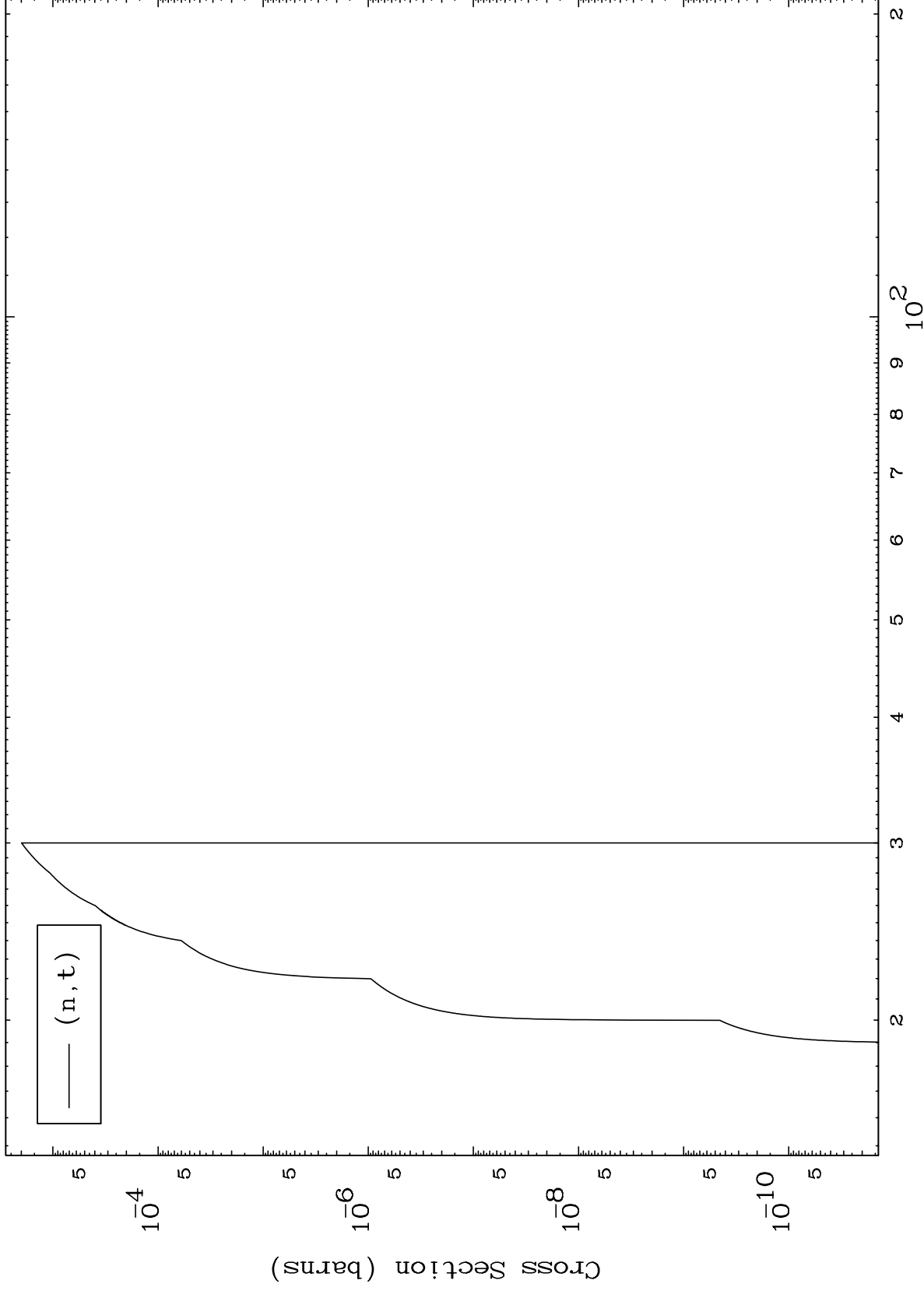
Incident Energy (MeV)

58-Ce-139

MAT 5834

(α, t) Levels
0 Kelvin Cross Sections

58-Ce-139



8

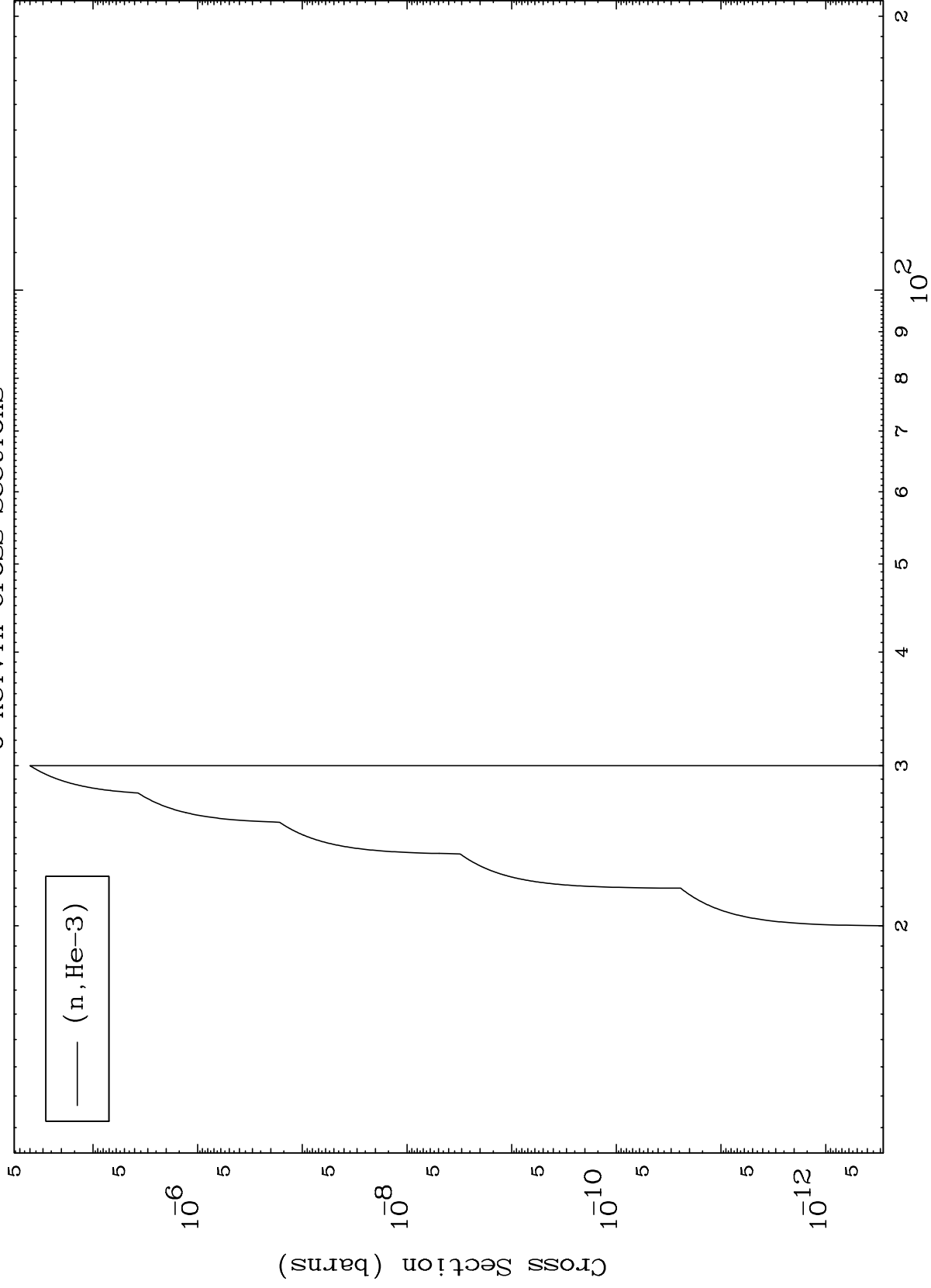
Incident Energy (MeV)

58-Ce-139

MAT 5834

58-Ce-139

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



58-Ce-139

Incident Energy (MeV)

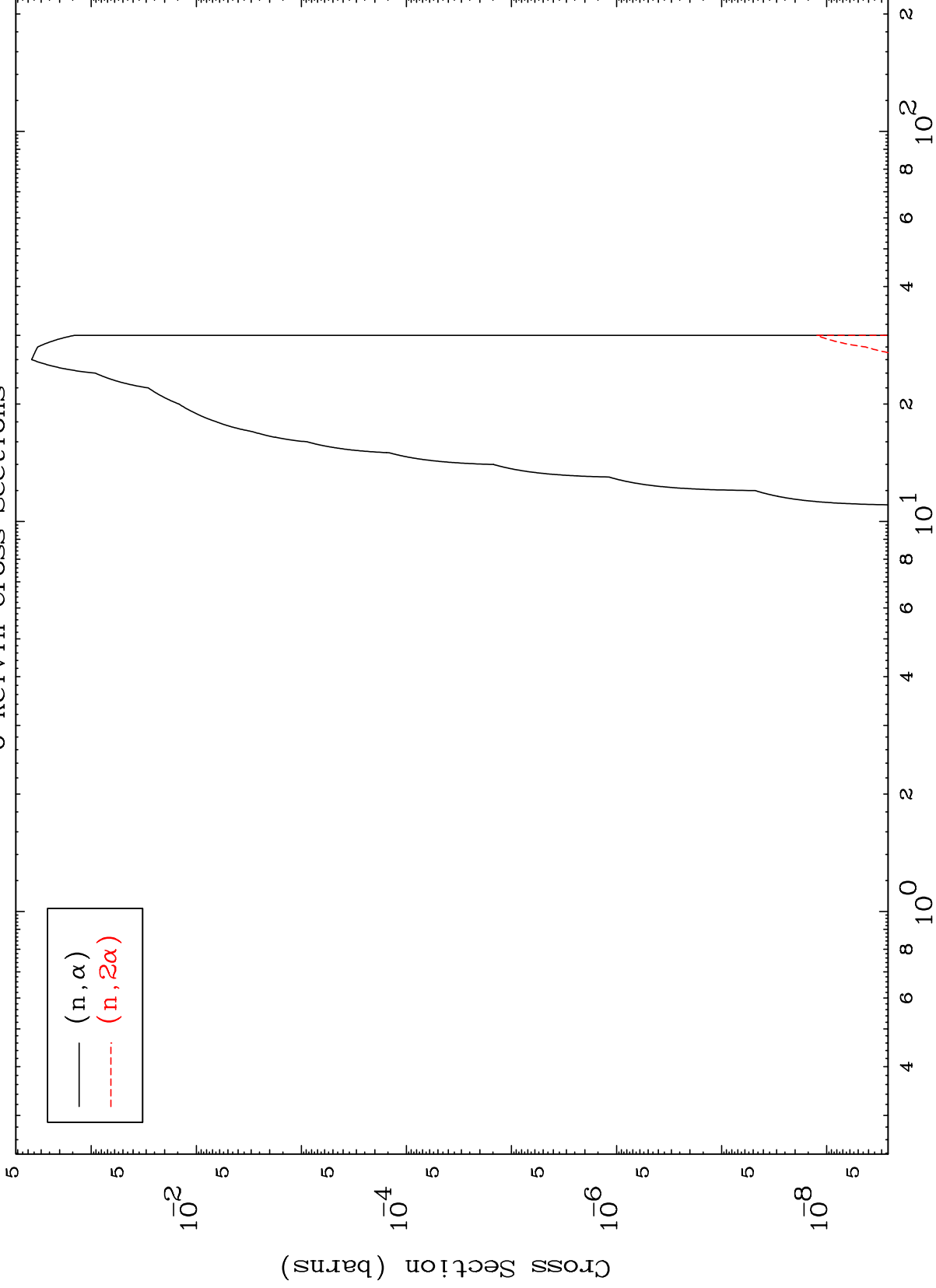
9

MAT 5834

(α, α) Levels

58-Ce-139

0 Kelvin Cross Sections



10

Incident Energy (MeV)

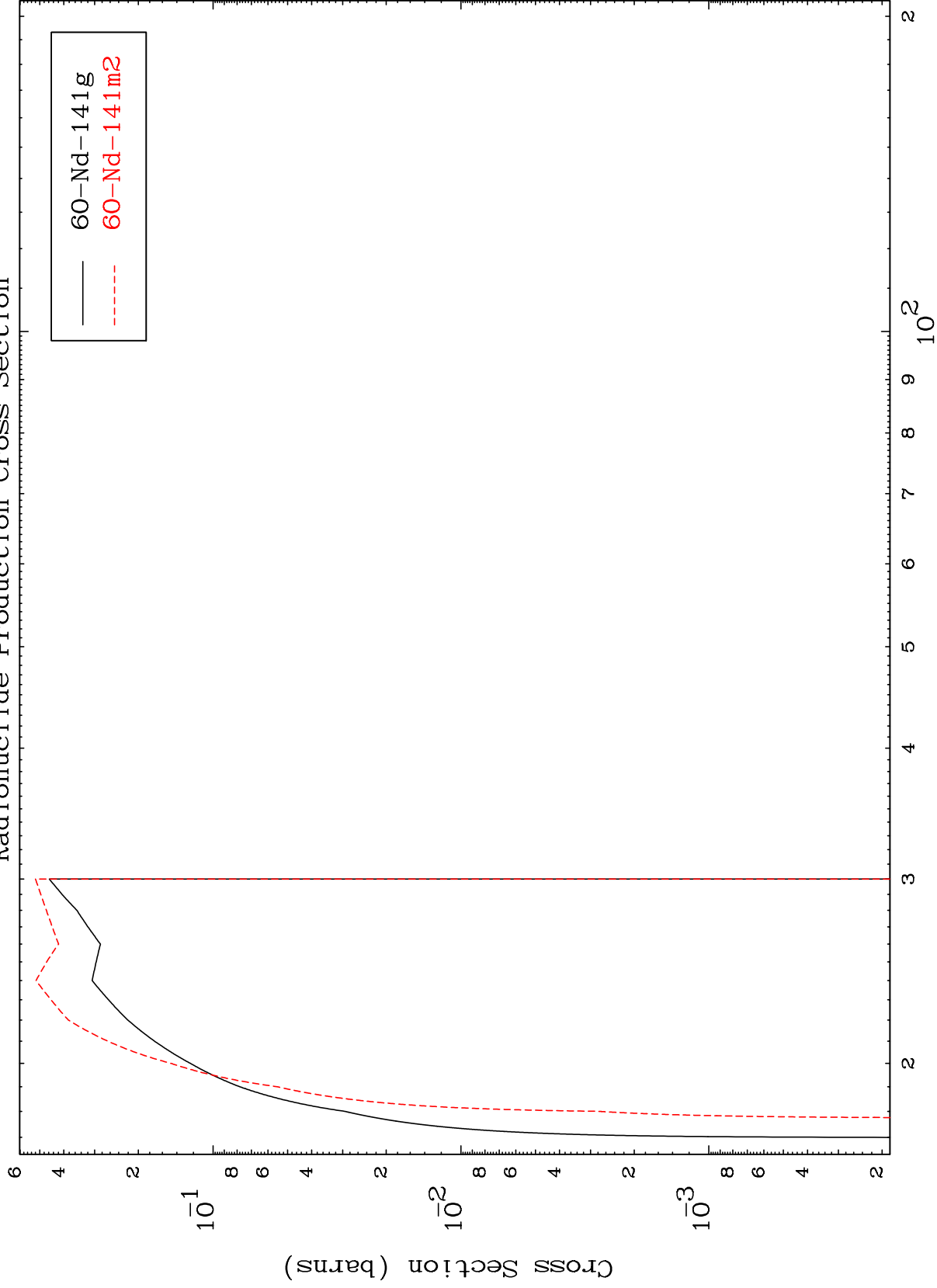
58-Ce-139

MAT 5834

(n,2n)

58-Ce-139

Radionuclide Production Cross Section



11

Incident Energy (MeV)

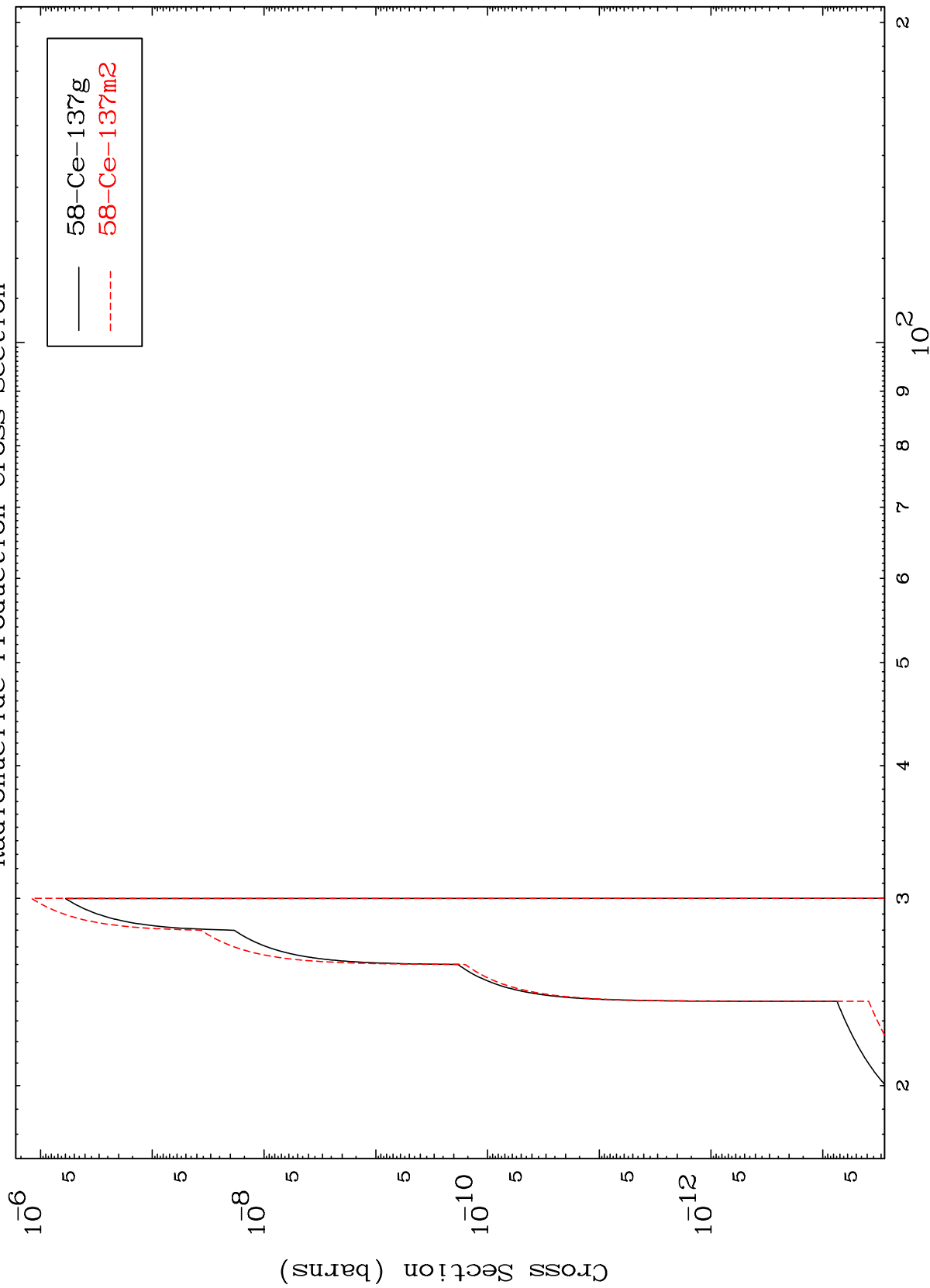
58-Ce-139

MAT 5834

58-Ce-139

(n,2n) α

Radionuclide Production Cross Section



12

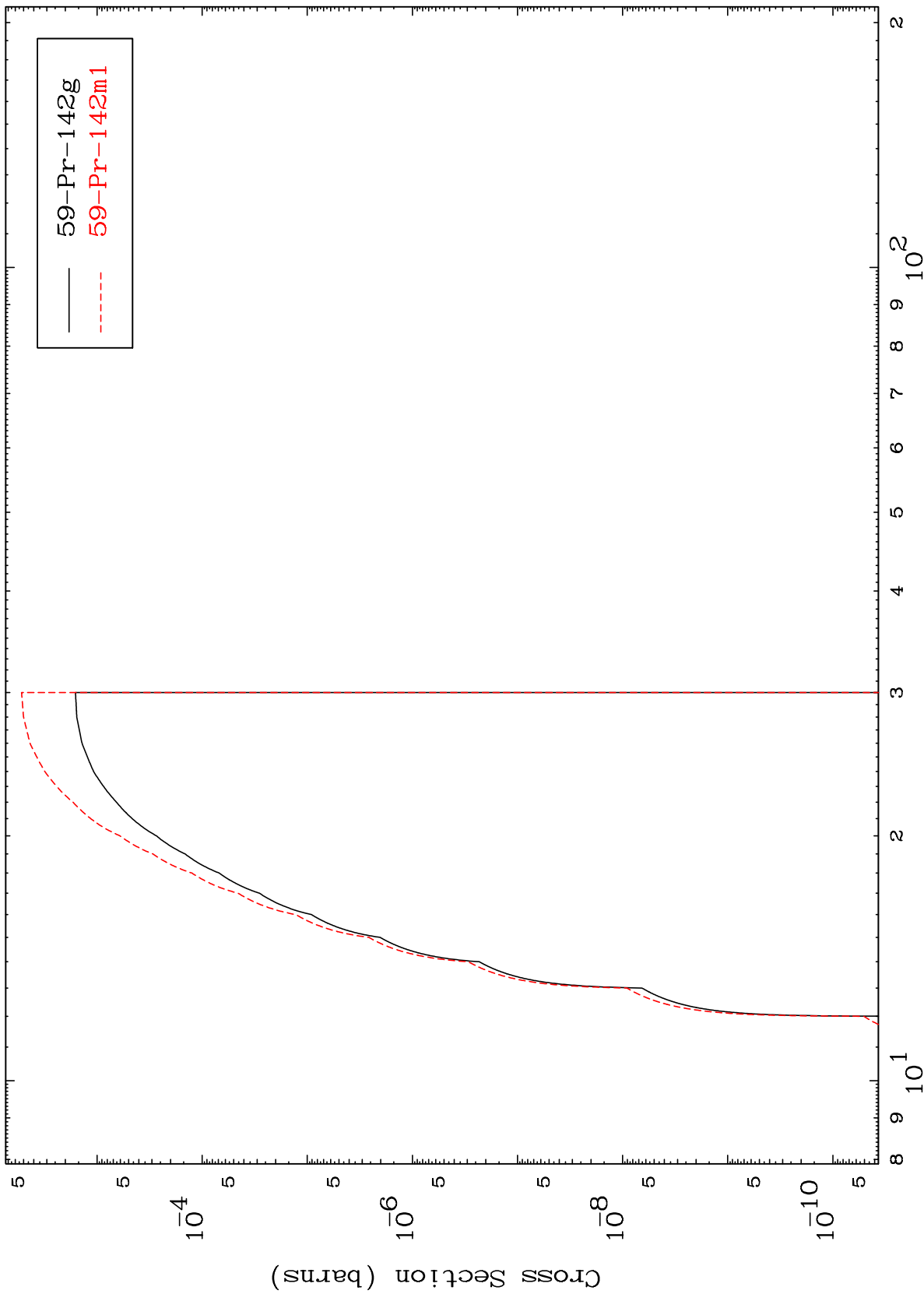
Incident Energy (MeV)

58-Ce-139

MAT 5834

58-Ce-139

(n,p)
Radionuclide Production Cross Section



58-Ce-139

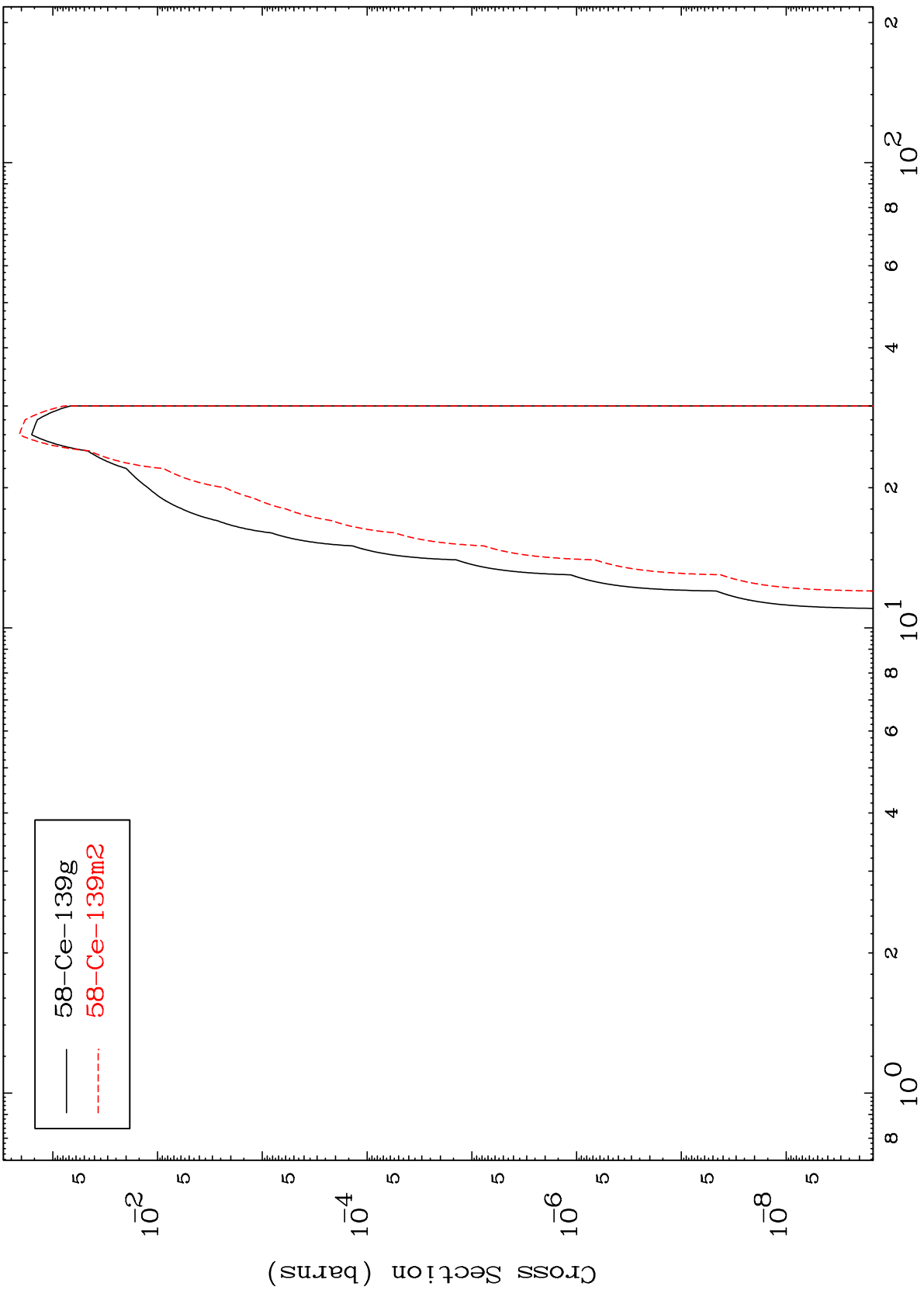
Incident Energy (MeV)

13

MAT 5834

58-Ce-139

Radionuclide Production Cross Section (n,α)



58-Ce-139

Incident Energy (MeV)

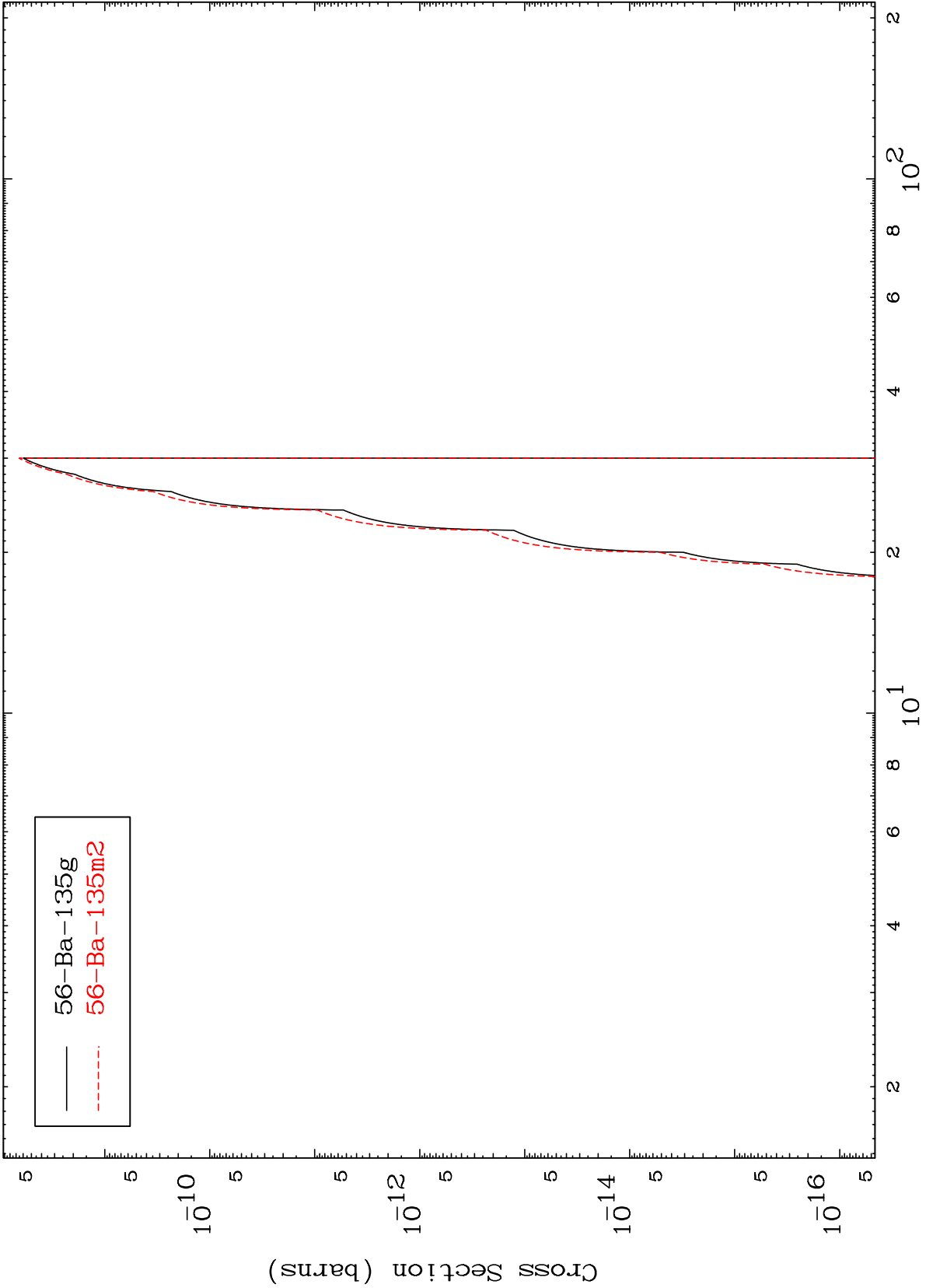
14

MAT 5834

(n,2α)

58-Ce-139

Radionuclide Production Cross Section



15

Incident Energy (MeV)

58-Ce-139