

Program EVALPLOT
(Version 2018-1)

by

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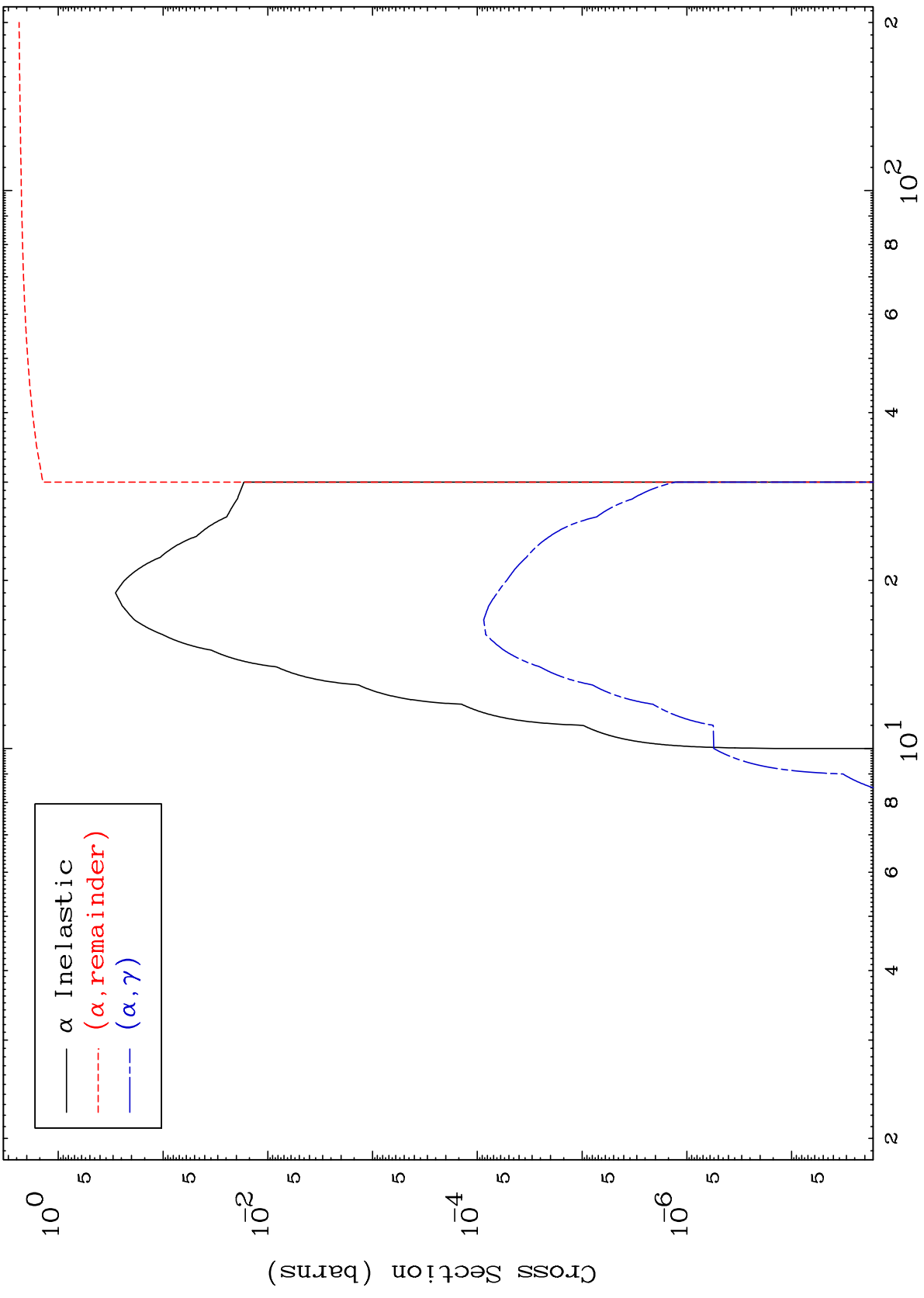
Press Mouse Button to Start

MAT 5837

α Major

58-Ce-140

0 Kelvin Cross Sections



1

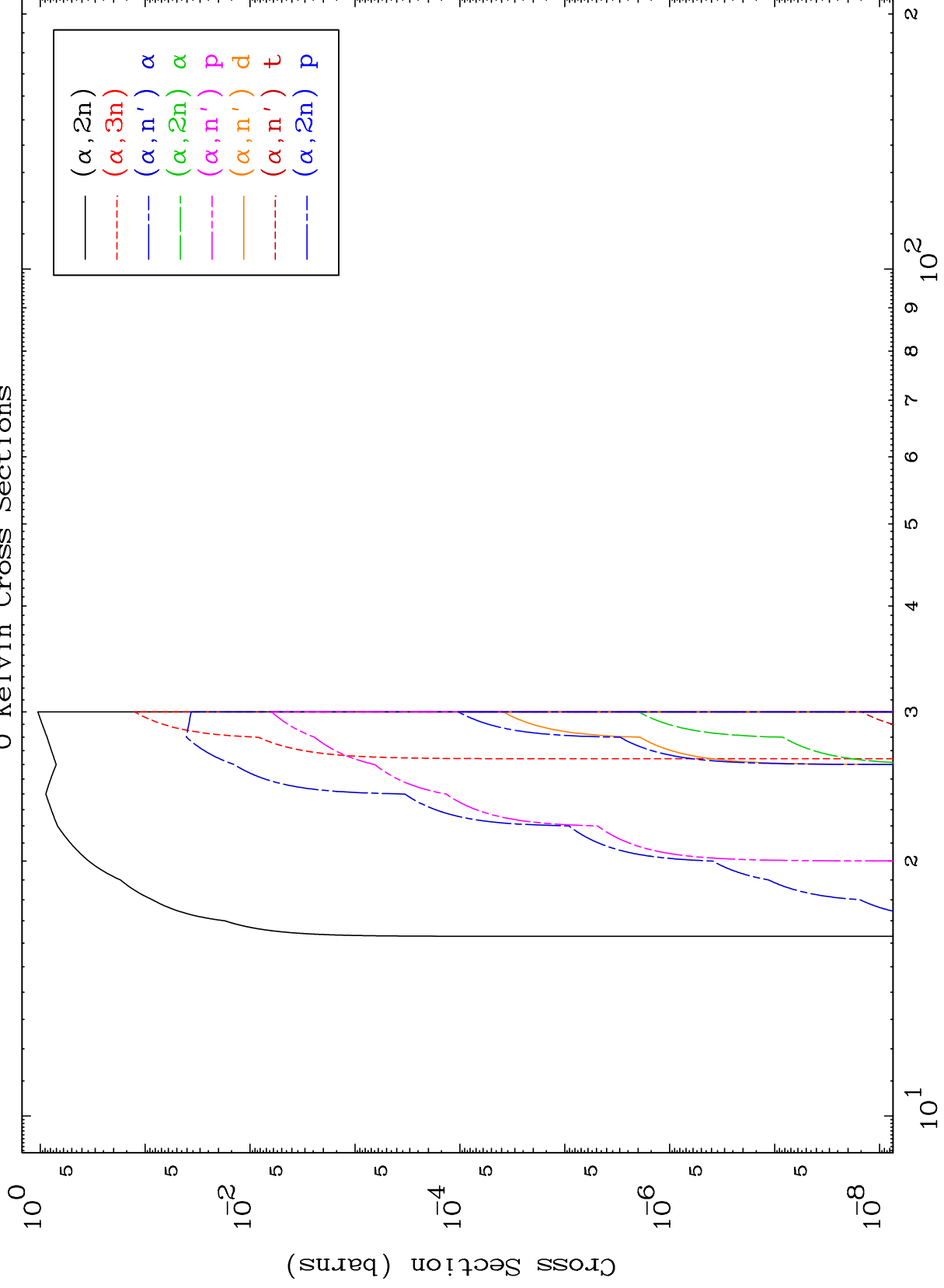
Incident Energy (MeV)

58-Ce-140

MAT 5837

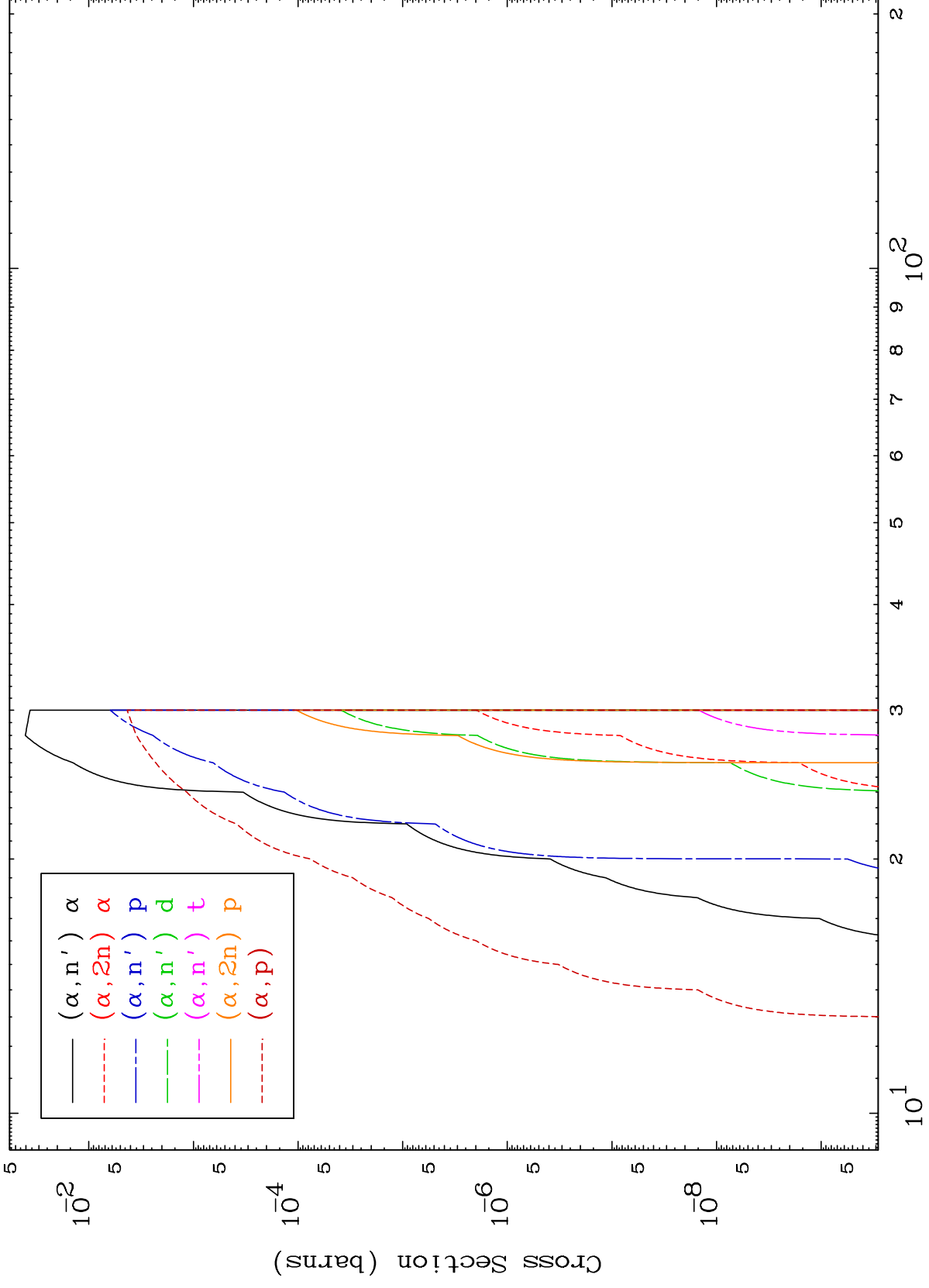
α Neutron Production
0 Kelvin Cross Sections

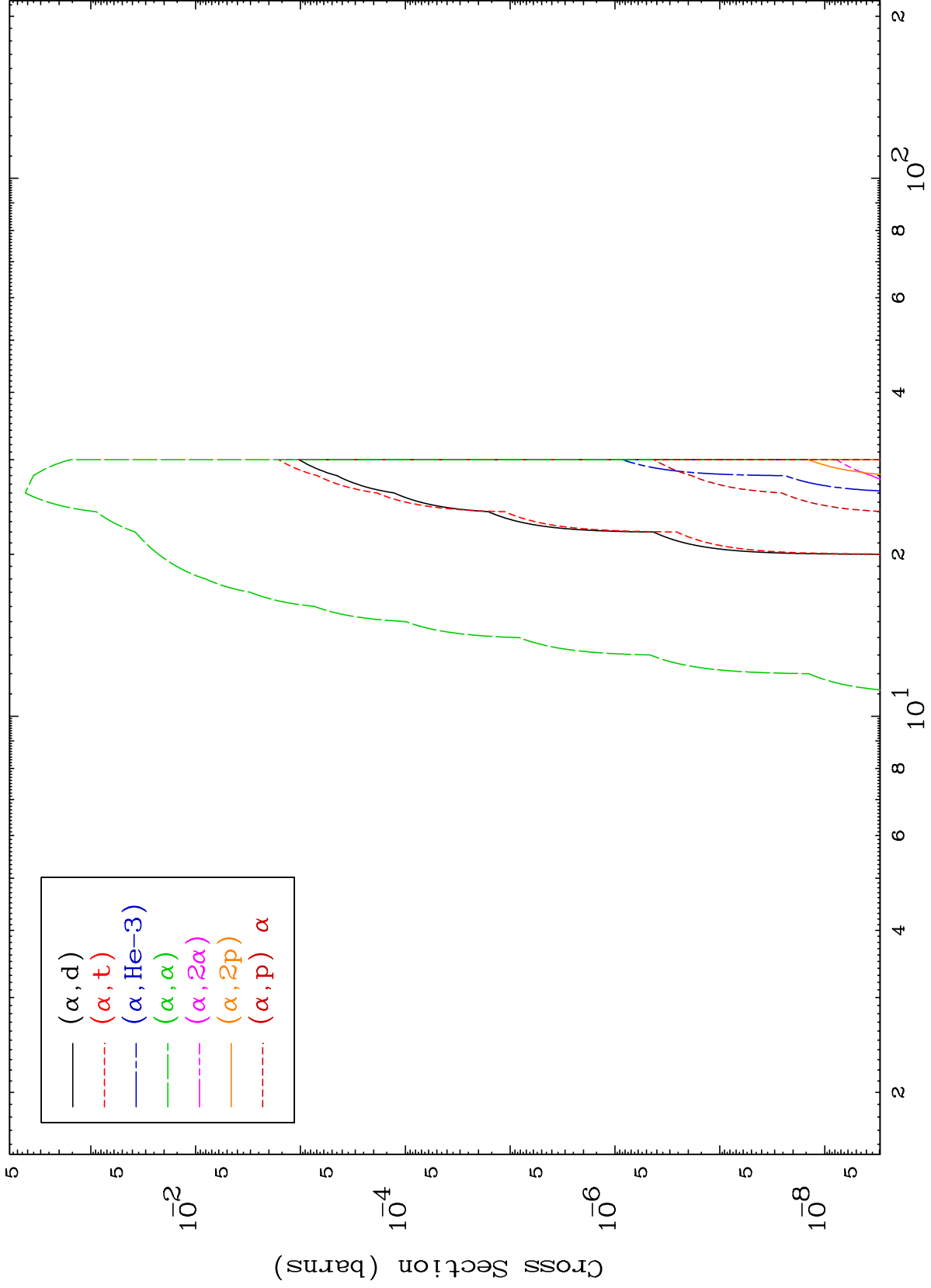
58-Ce-140



58-Ce-140

Incident Energy (MeV)

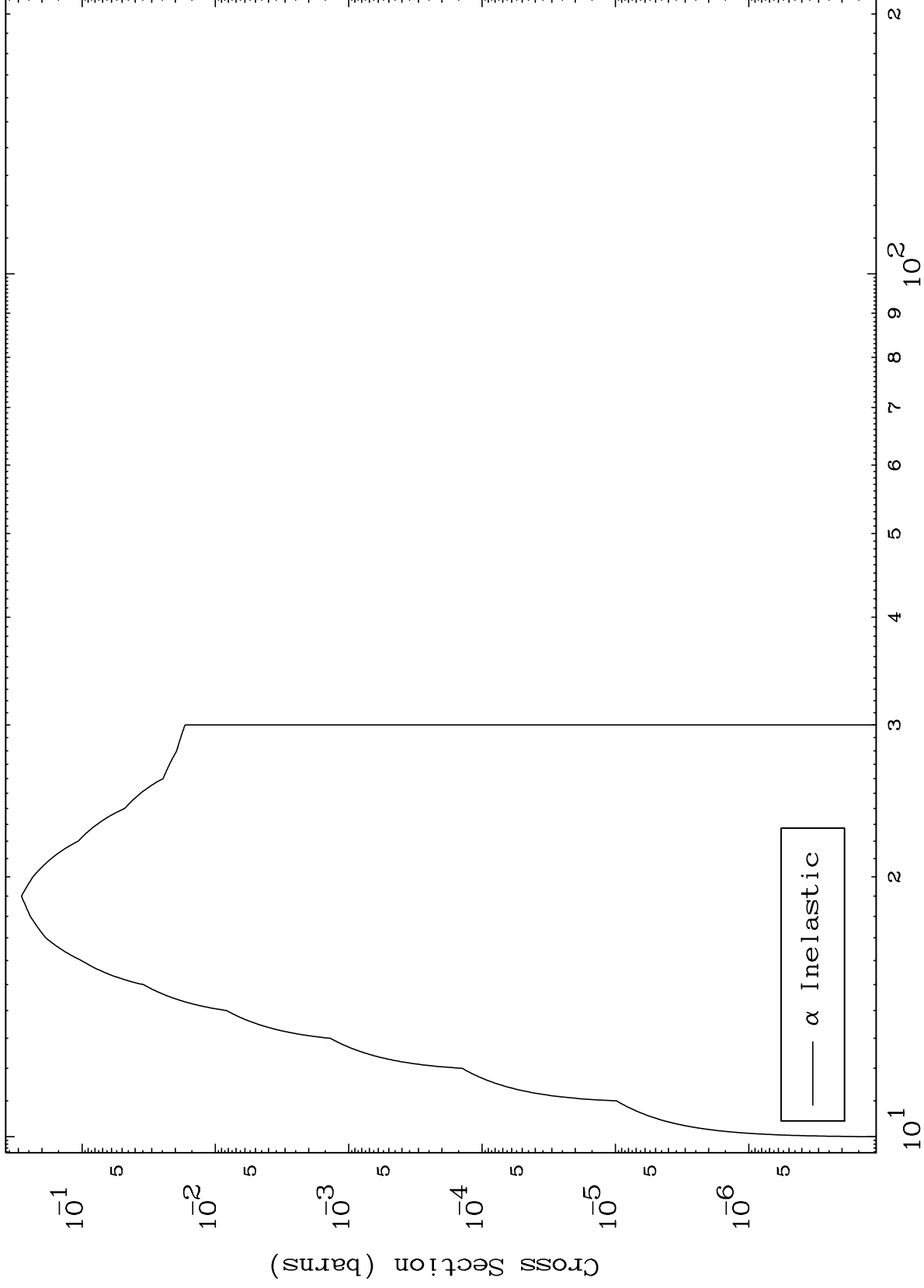




MAT 5837

(α, n') Level
0 Kelvin Cross Sections

58-Ce-140



Incident Energy (MeV)

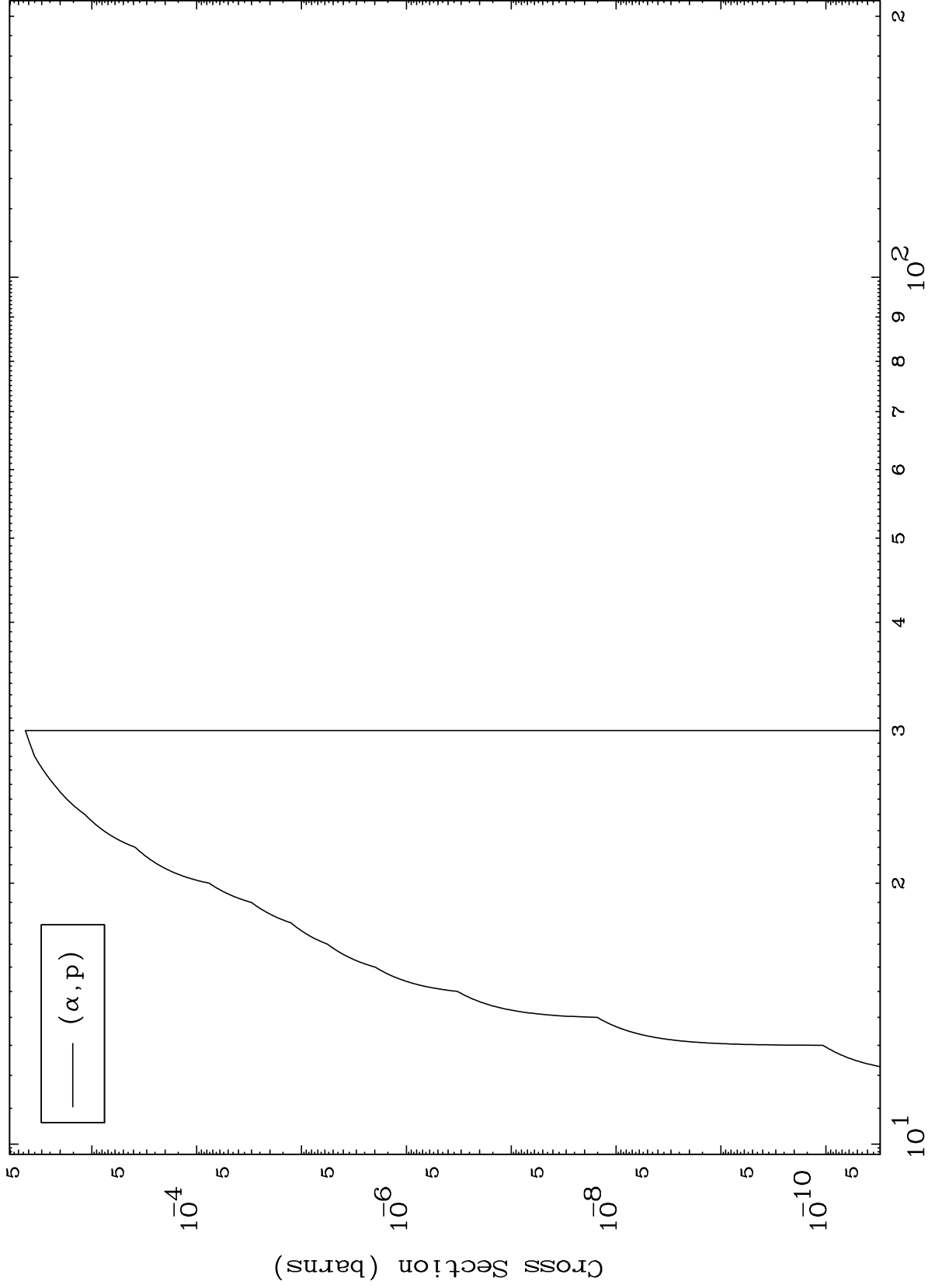
58-Ce-140

MAT 5837

(α, p) Levels

58-Ce-140

0 Kelvin Cross Sections



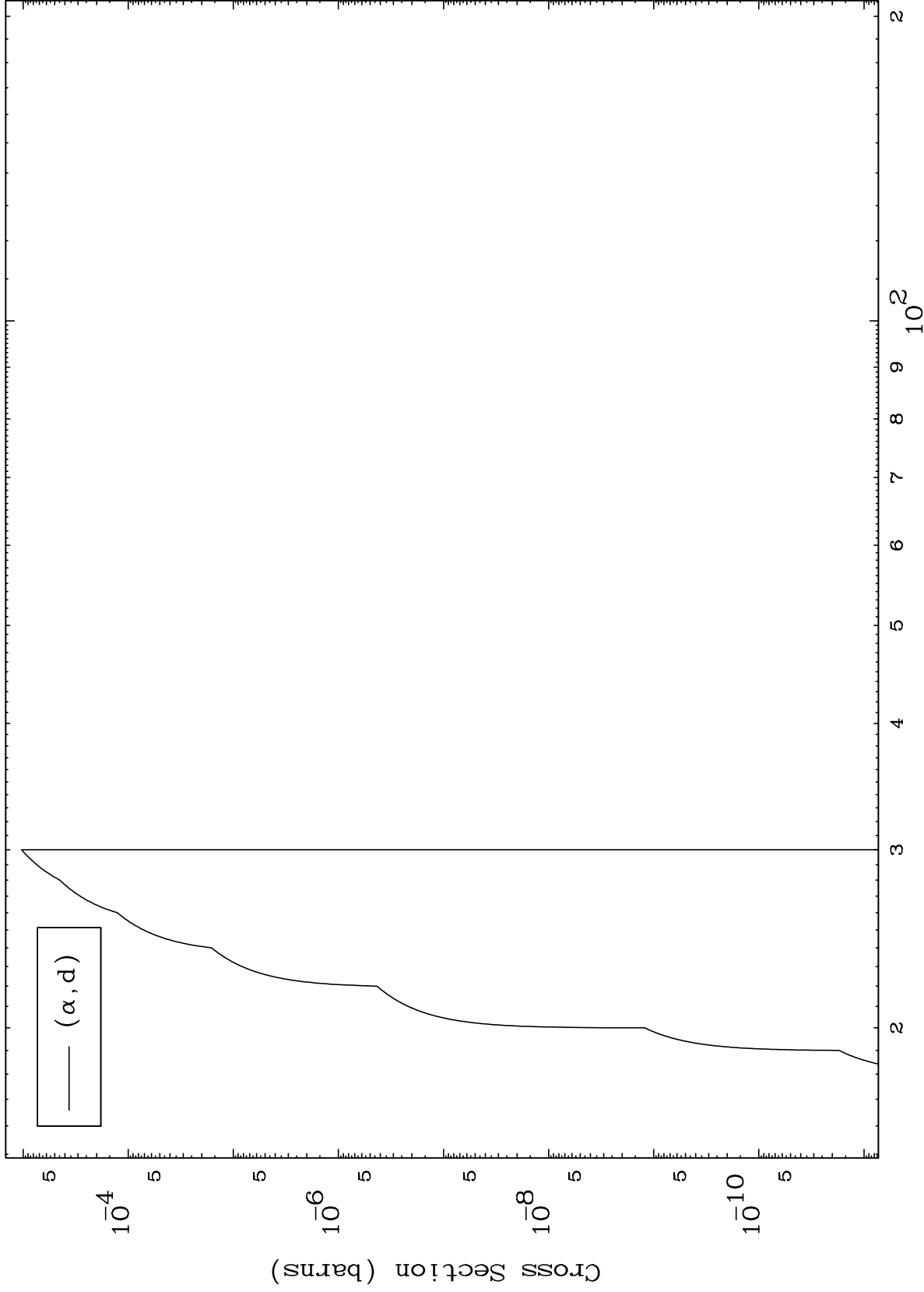
Incident Energy (MeV)

58-Ce-140

MAT 5837

(α, d) Levels
0 Kelvin Cross Sections

58-Ce-140



7

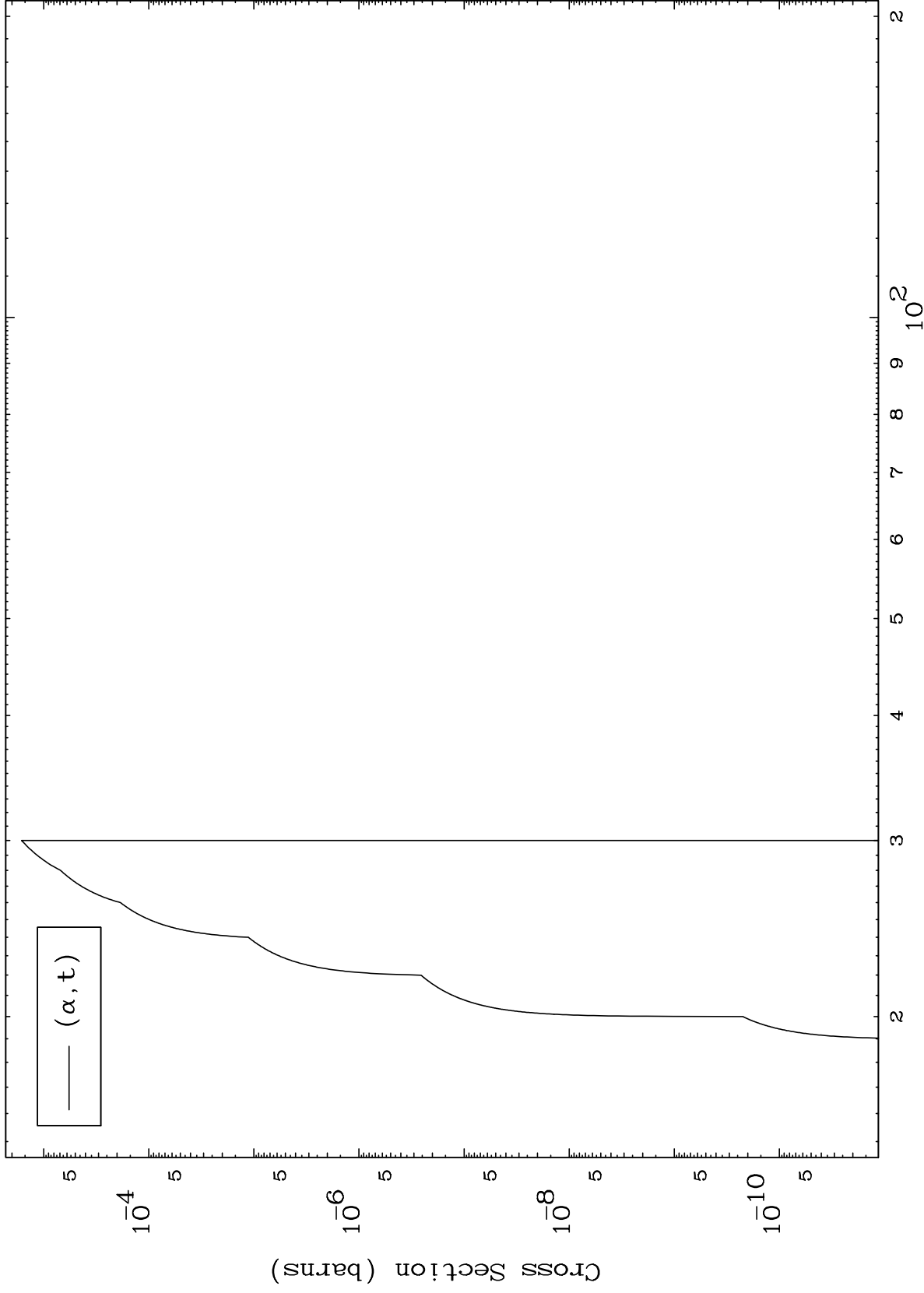
Incident Energy (MeV)

58-Ce-140

MAT 5837

(α, t) Levels
0 Kelvin Cross Sections

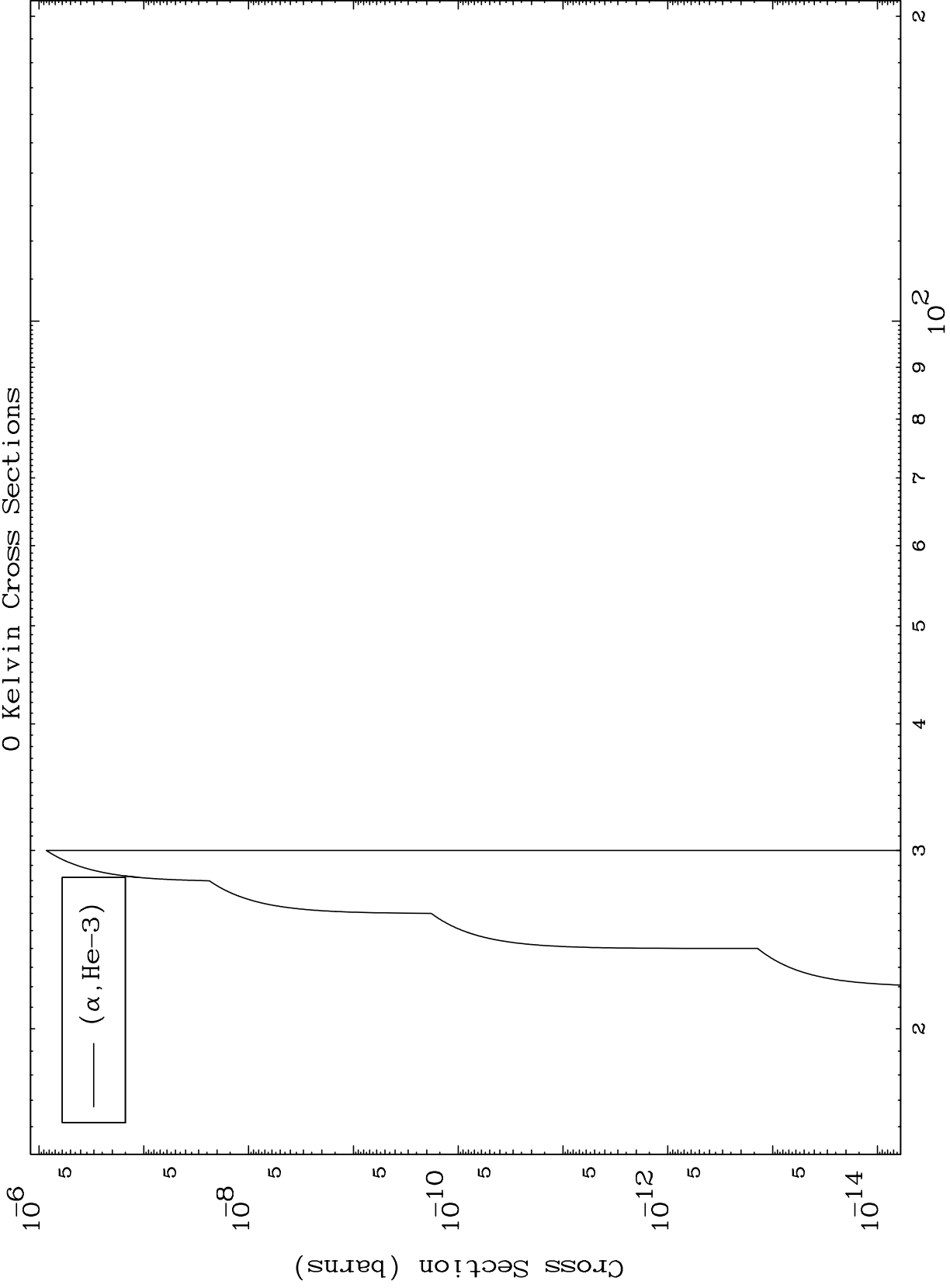
58-Ce-140



8

Incident Energy (MeV)

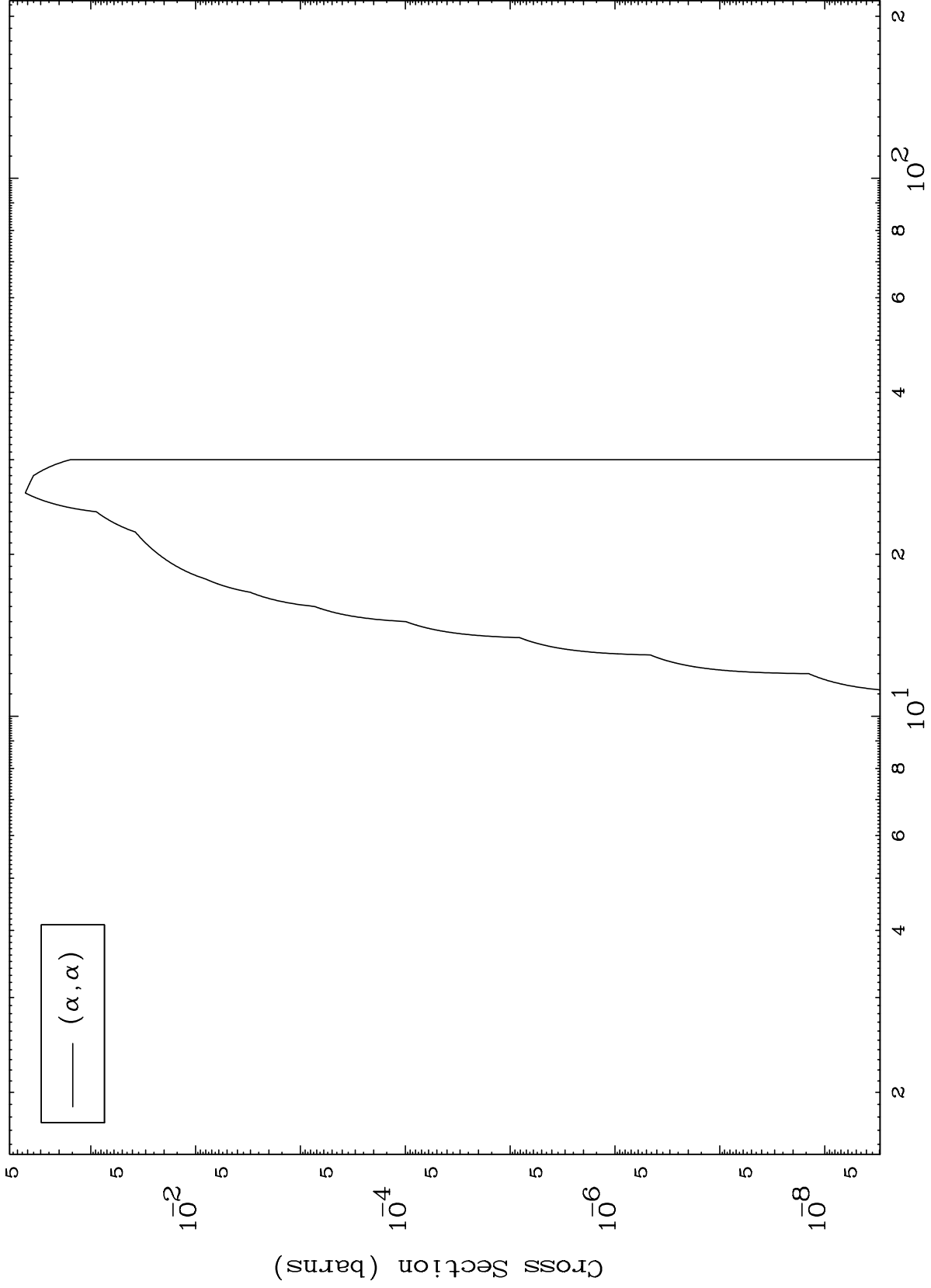
58-Ce-140



MAT 5837

(α, α) Levels
0 Kelvin Cross Sections

58-Ce-140



10

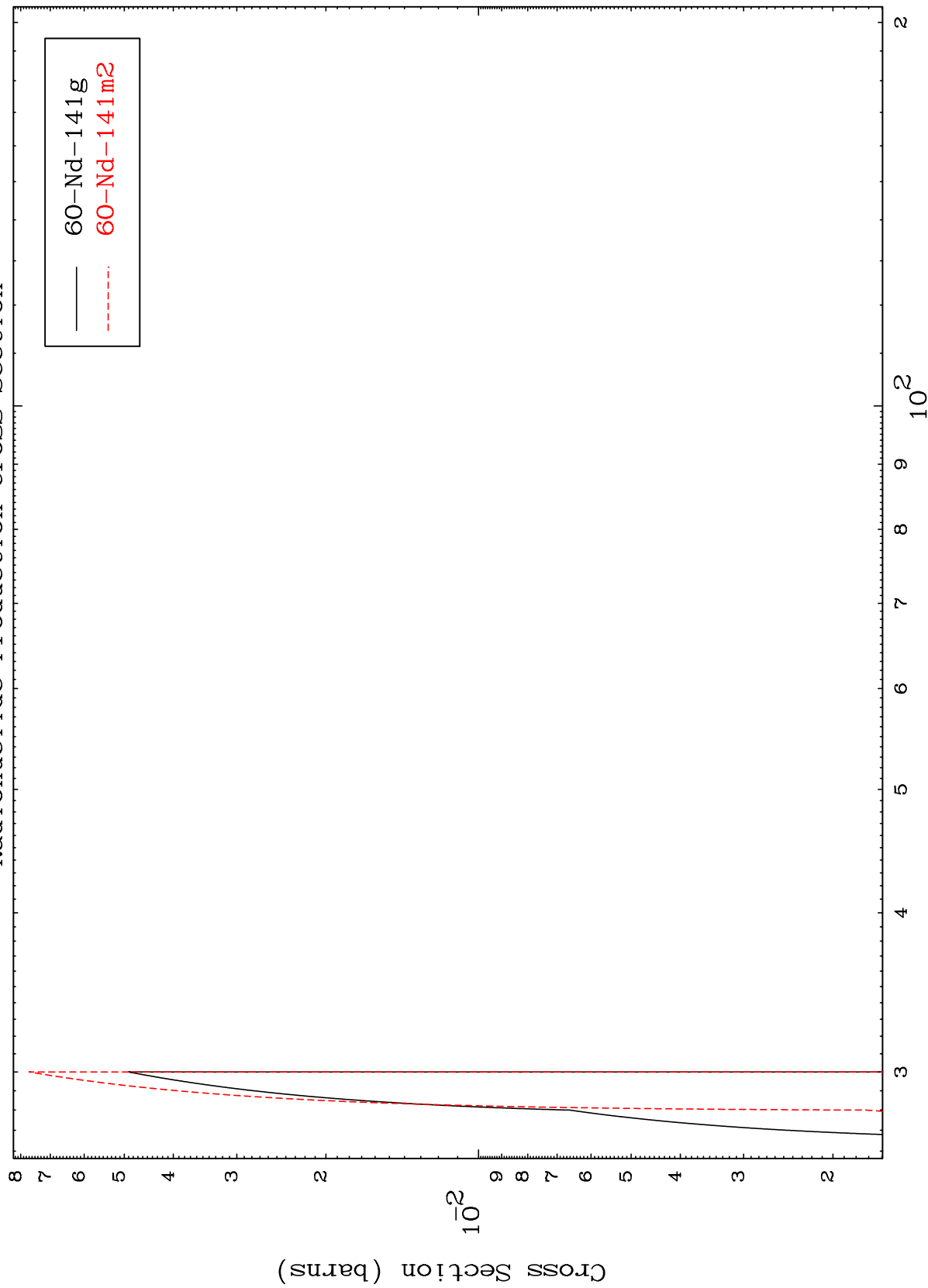
Incident Energy (MeV)

58-Ce-140

MAT 5837

58-Ce-140

($\alpha, 3n$)
Radionuclide Production Cross Section



58-Ce-140

Incident Energy (MeV)

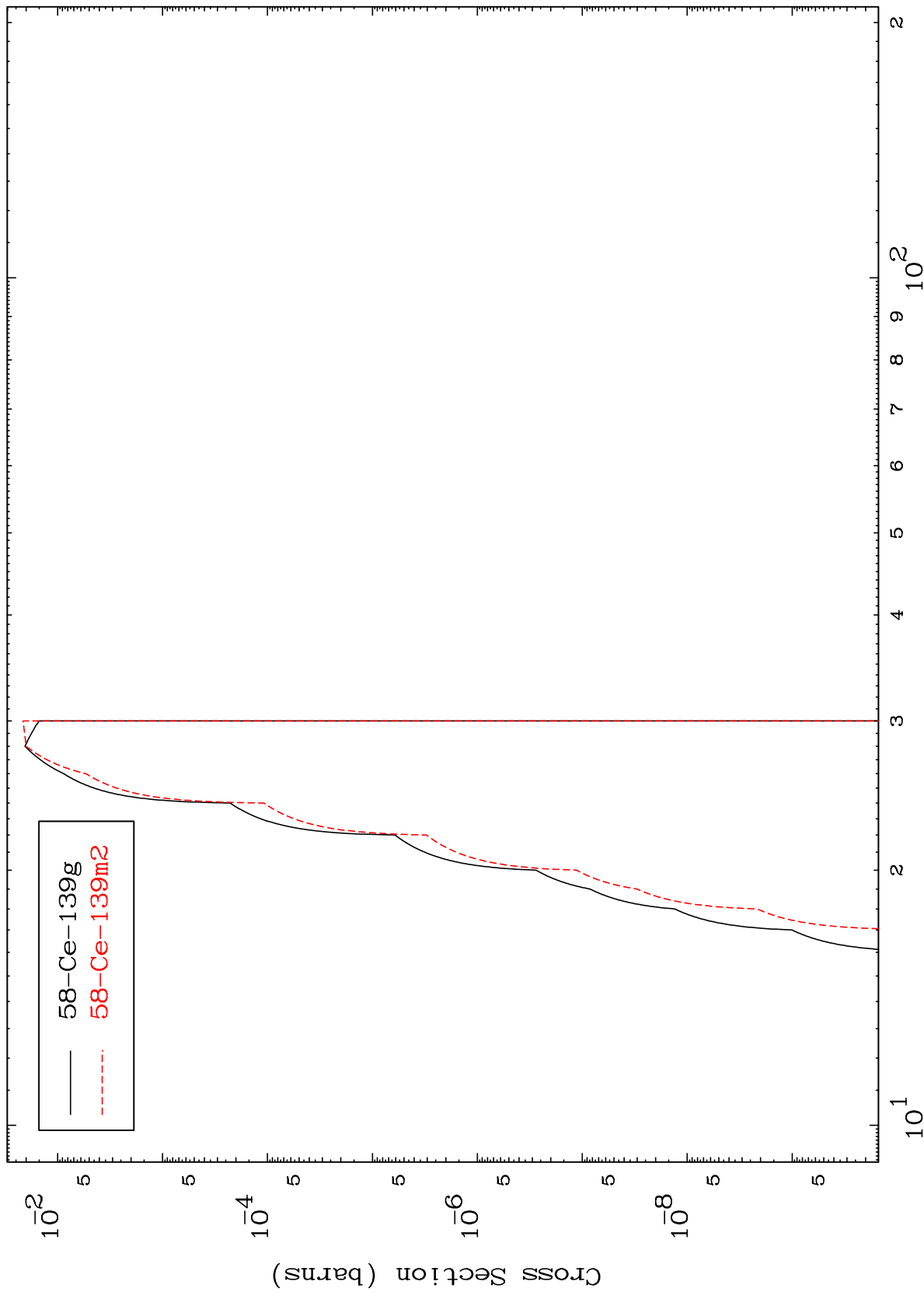
11

MAT 5837

58-Ce-140

(α, n') α

Radionuclide Production Cross Section



58-Ce-140

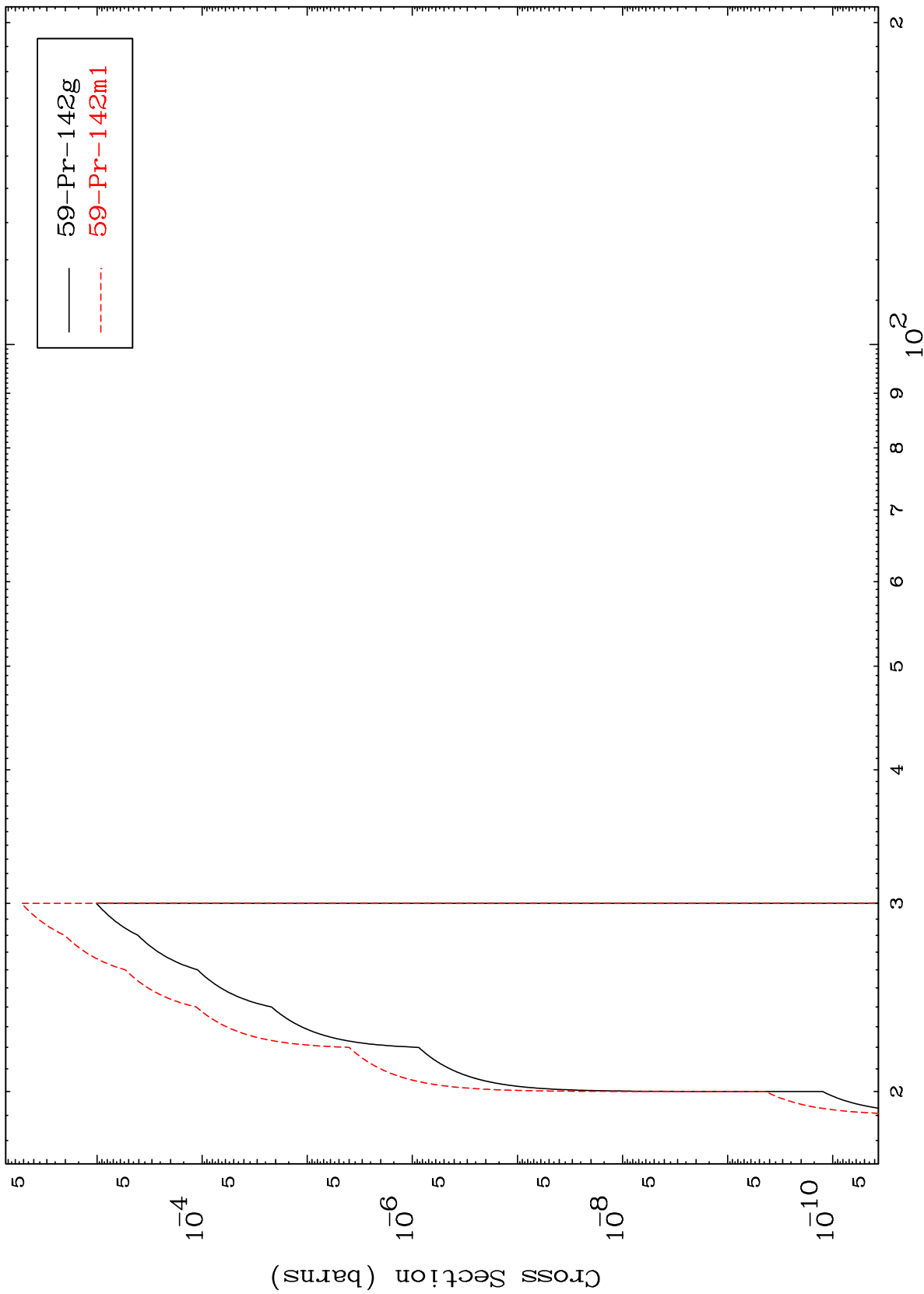
Incident Energy (MeV)

12

MAT 5837

58-Ce-140

(α, n') p
Radionuclide Production Cross Section



13

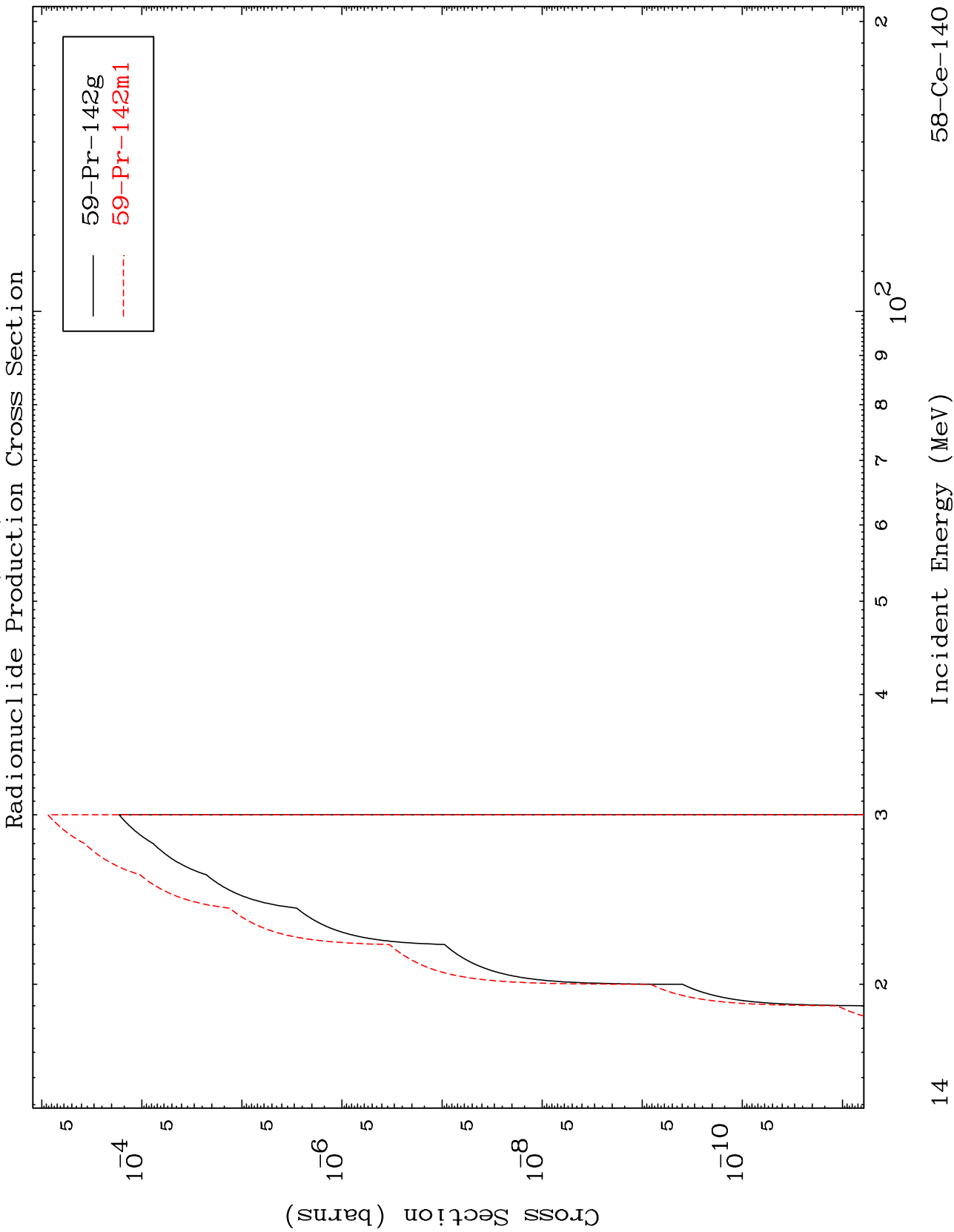
58-Ce-140

Incident Energy (MeV)

MAT 5837

(α, d)

58-Ce-140



14

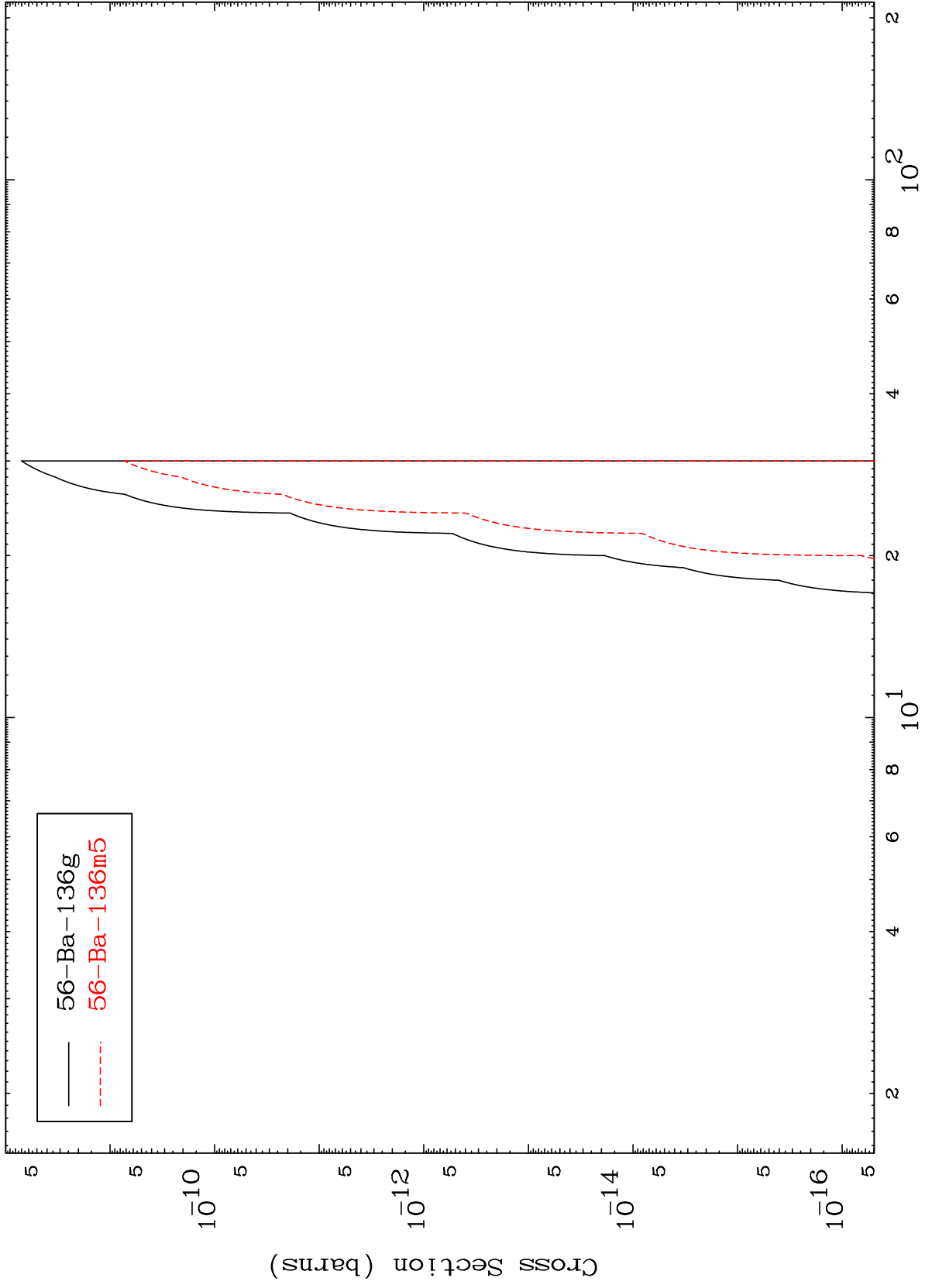
58-Ce-140

MAT 5837

($\alpha, 2\alpha$)

58-Ce-140

Radionuclide Production Cross Section



15

Incident Energy (MeV)

58-Ce-140