

Program EVALPLOT
(Version 2018-1)

by

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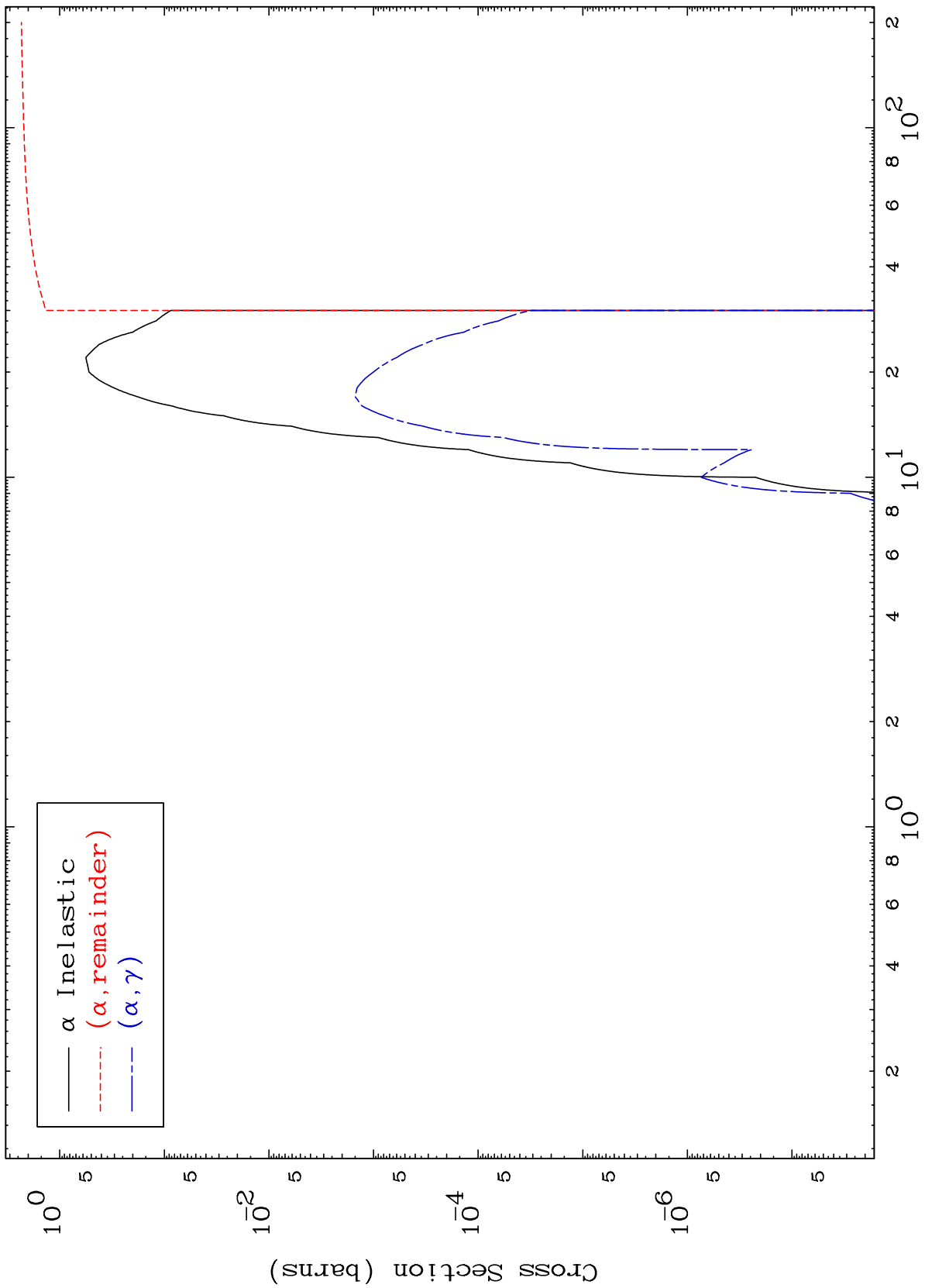
Press Mouse Button to Start

MAT 5823

α Major

58-Ce-135

0 Kelvin Cross Sections



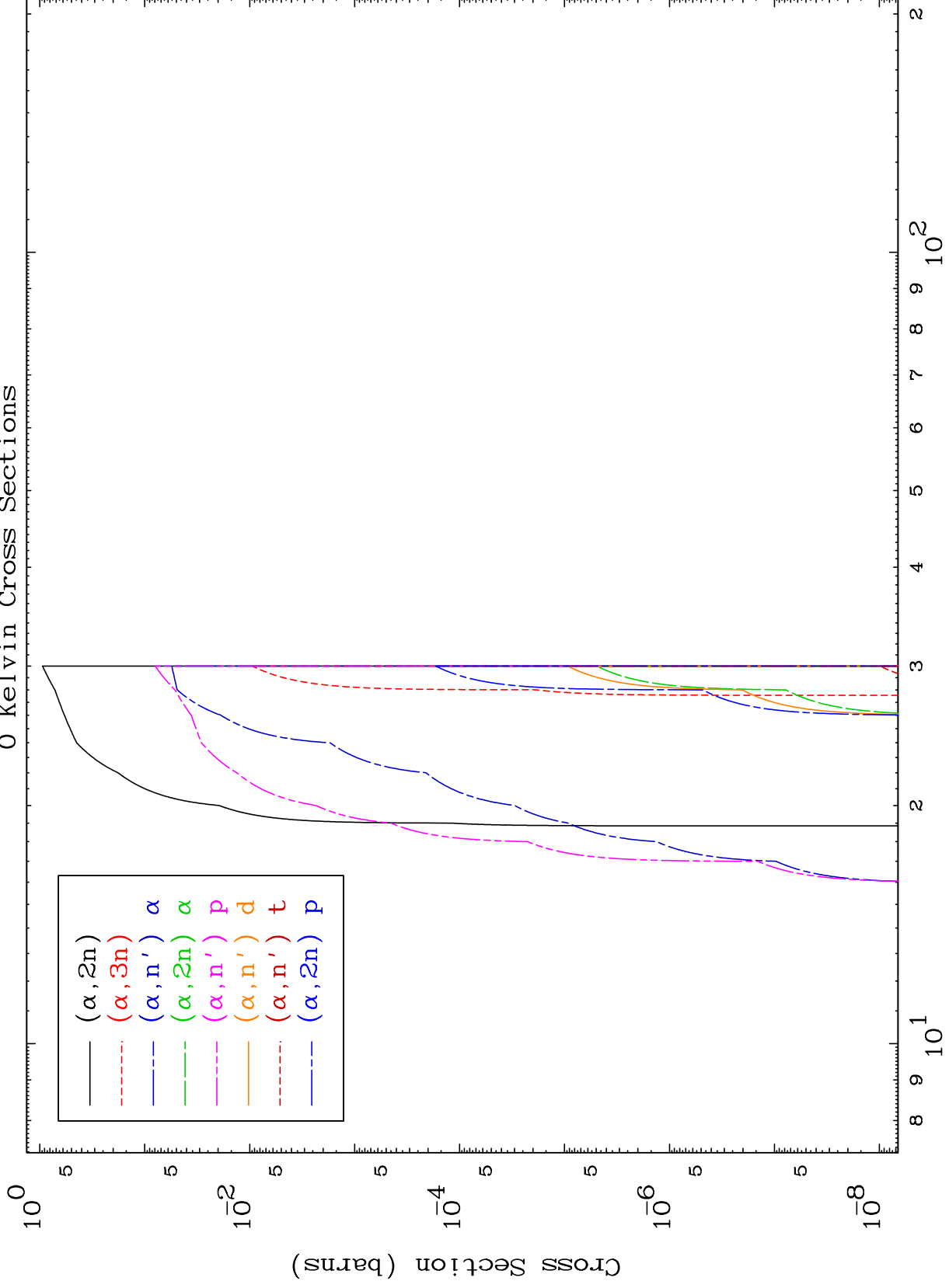
Incident Energy (MeV)

58-Ce-135

MAT 5823

α Neutron Production
0 Kelvin Cross Sections

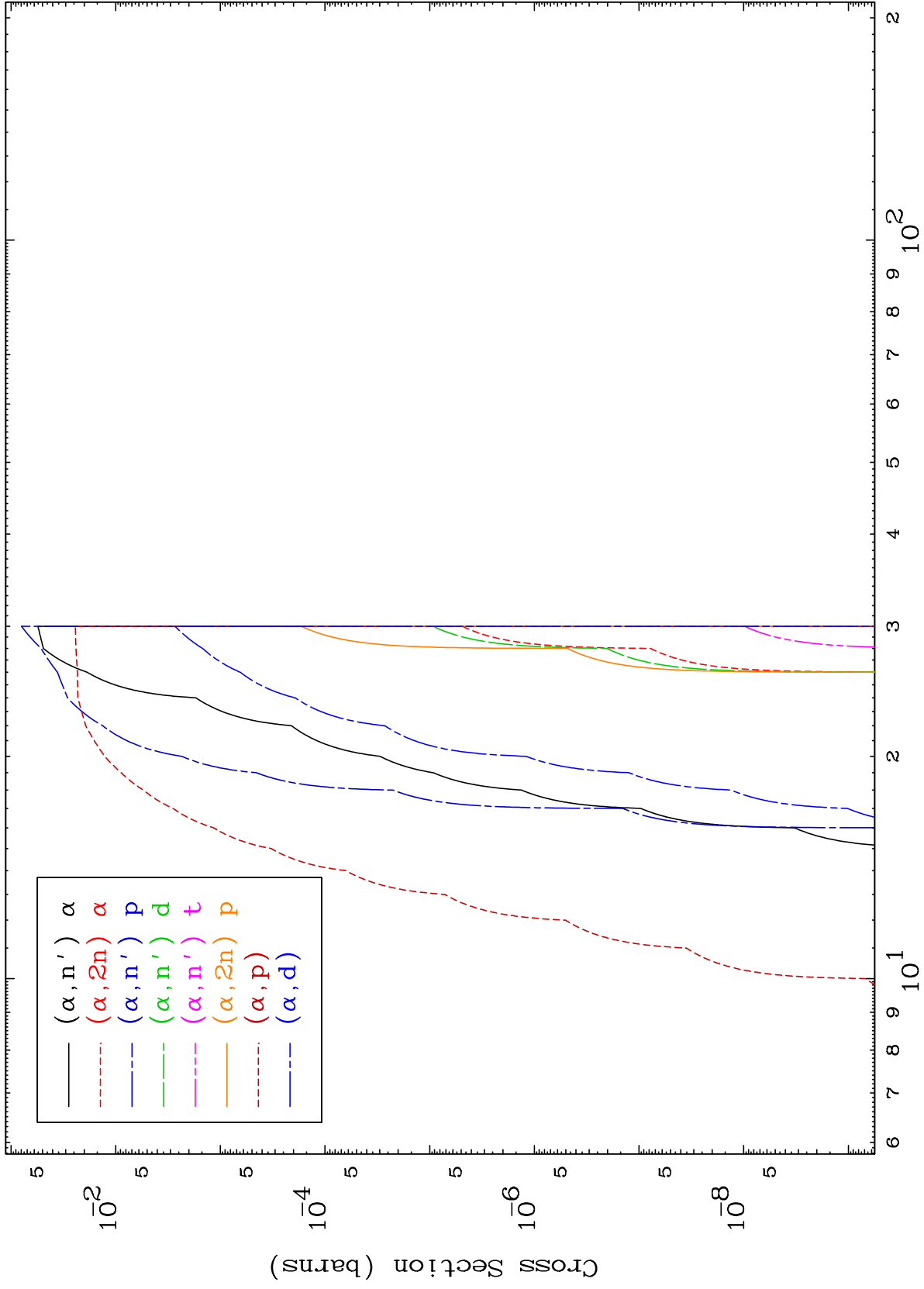
58-Ce-135



Incident Energy (MeV)

58-Ce-135

2

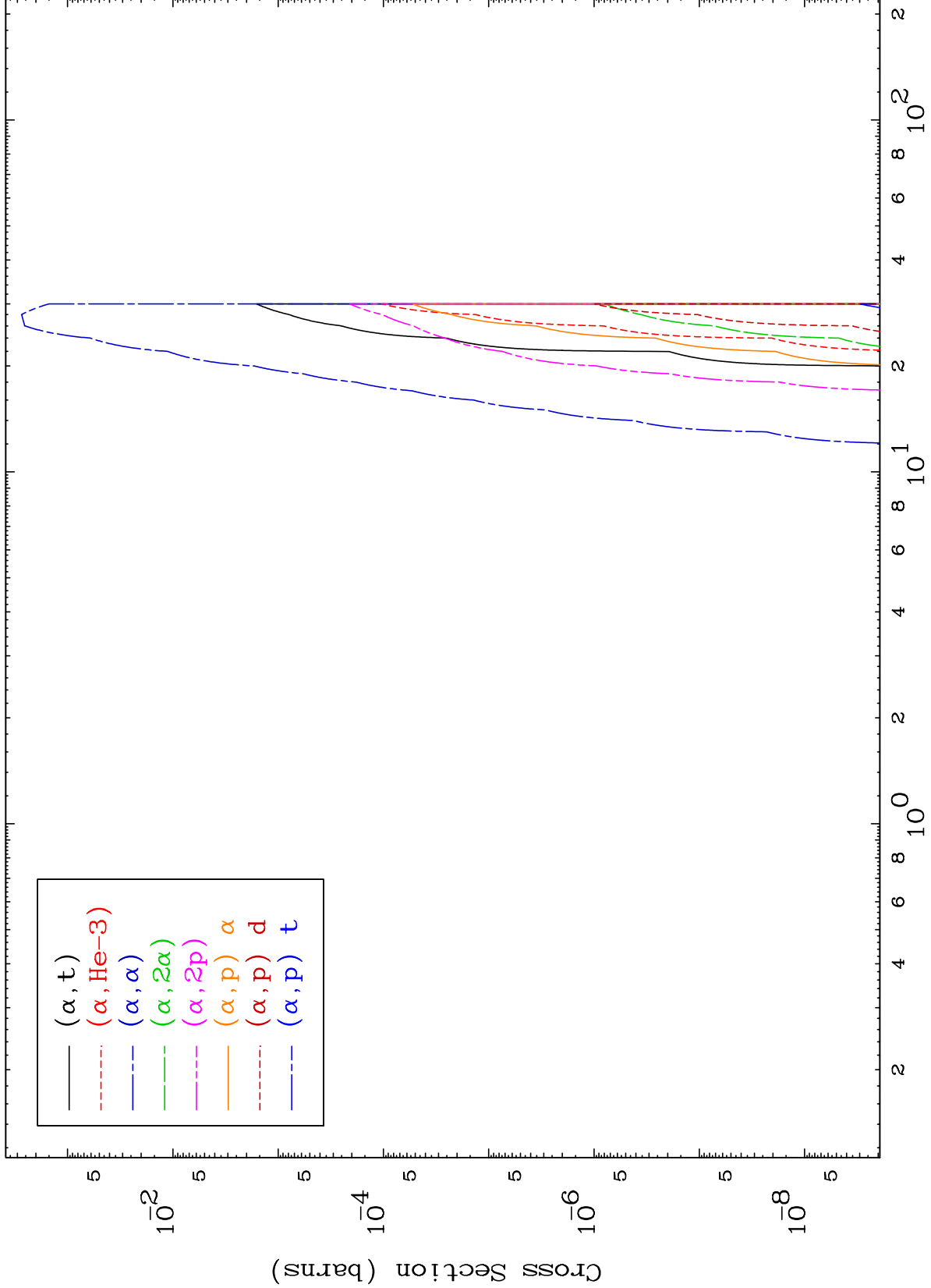


MAT 5823

α Charged Particle

58-Ce-135

0 Kelvin Cross Sections

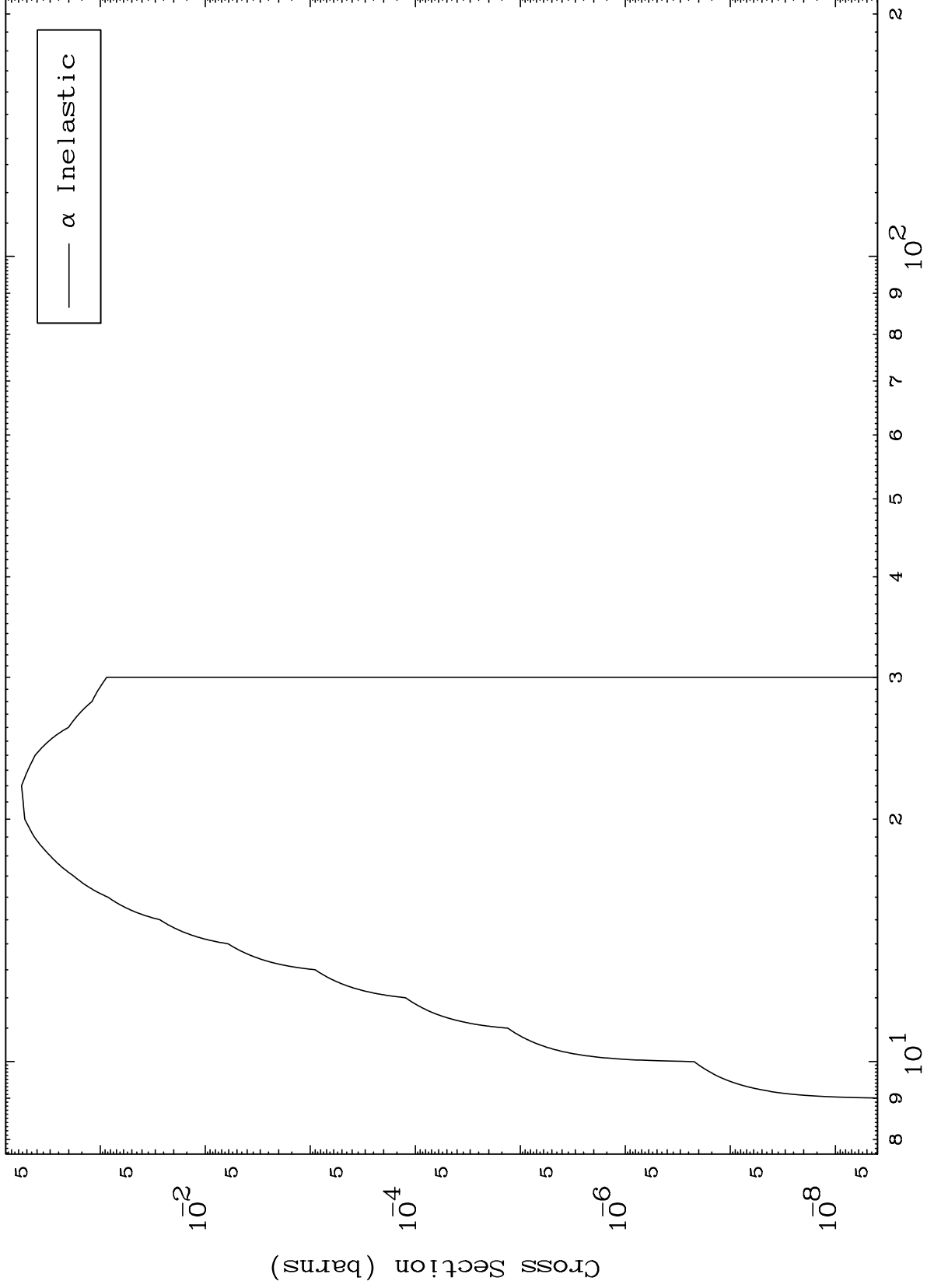


MAT 5823

(α, n') Level

58-Ce-135

0 Kelvin Cross Sections



Incident Energy (MeV)

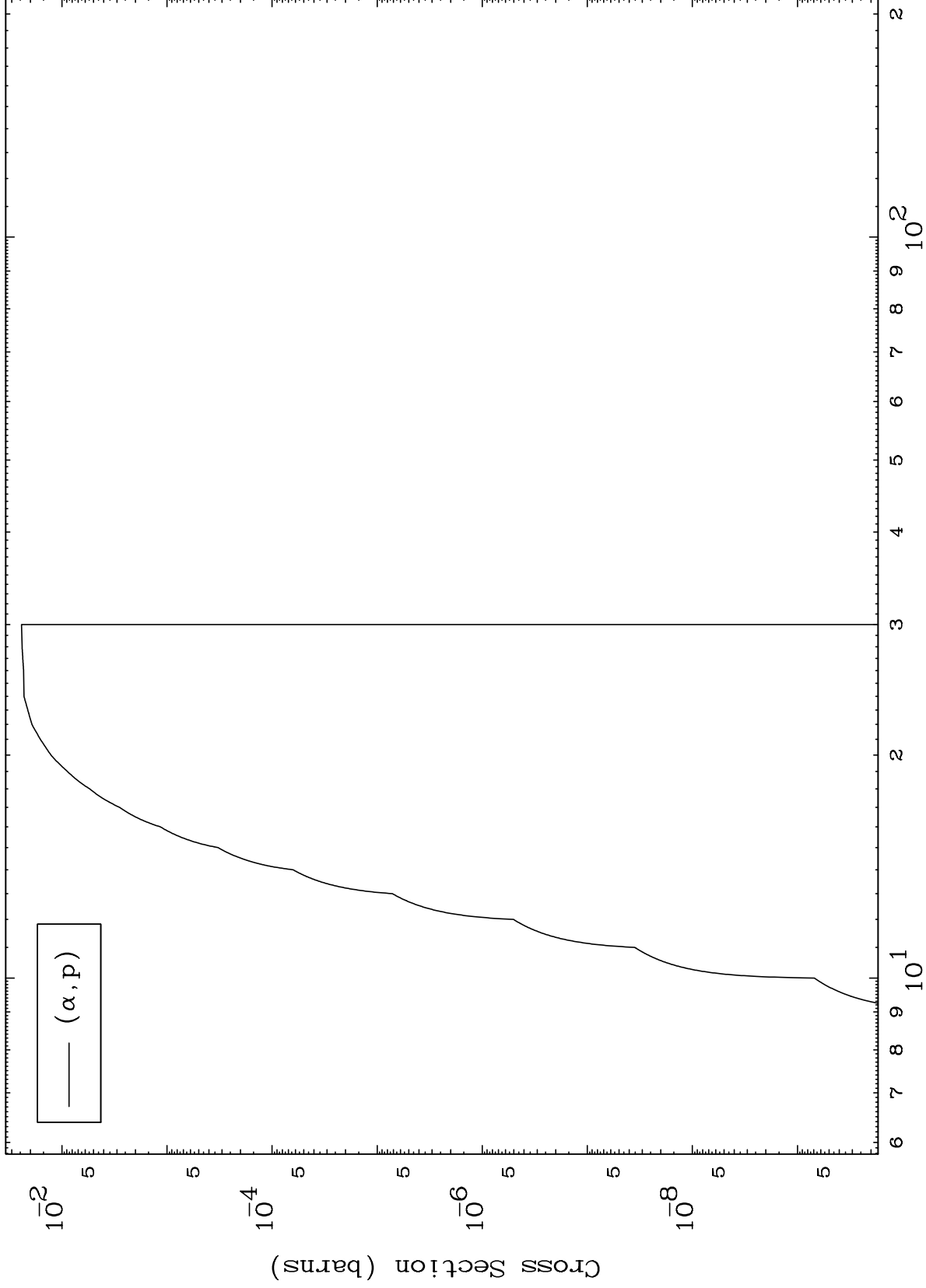
58-Ce-135

5

MAT 5823

(α, p) Levels
0 Kelvin Cross Sections

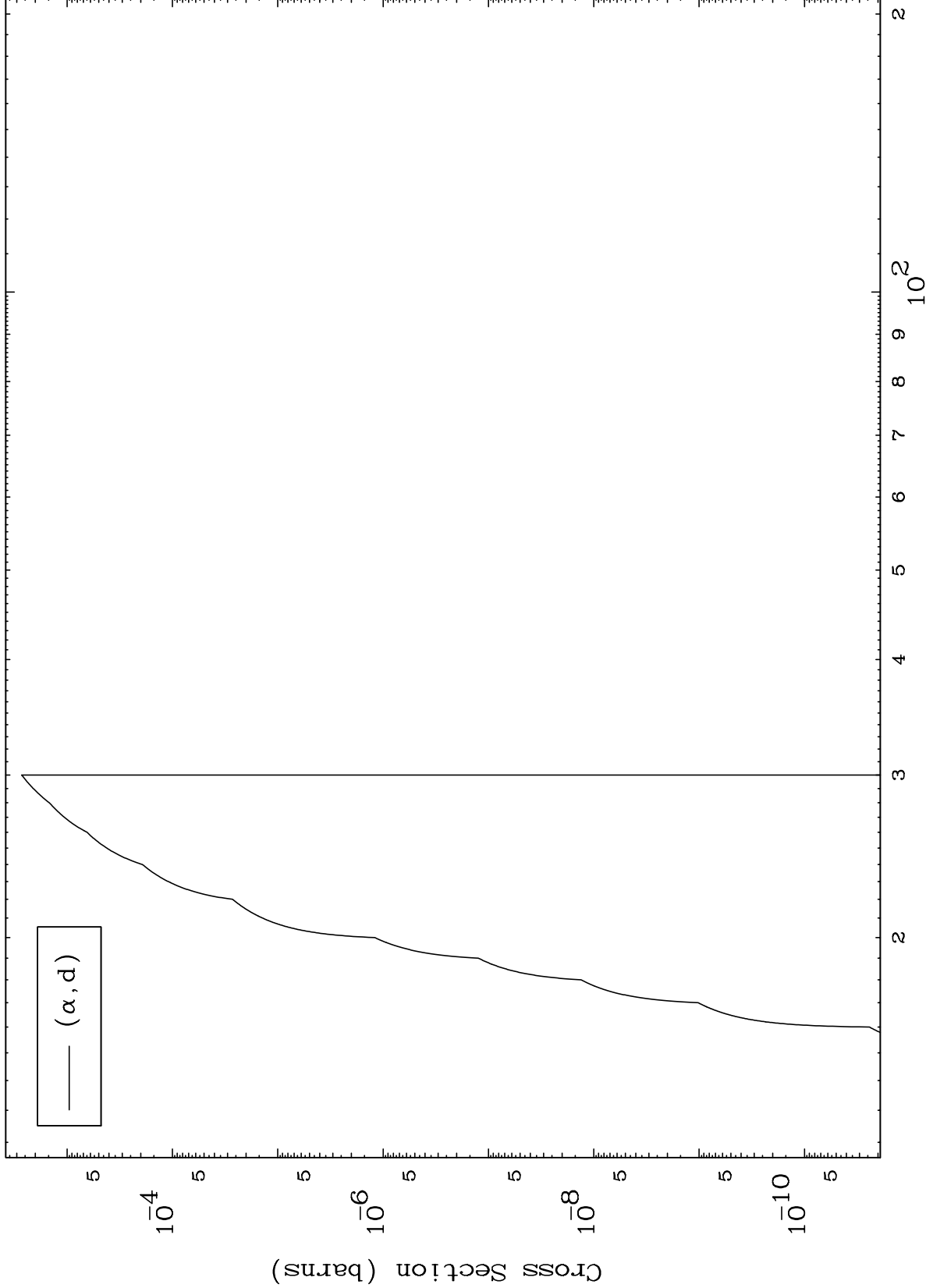
58-Ce-135



6

Incident Energy (MeV)

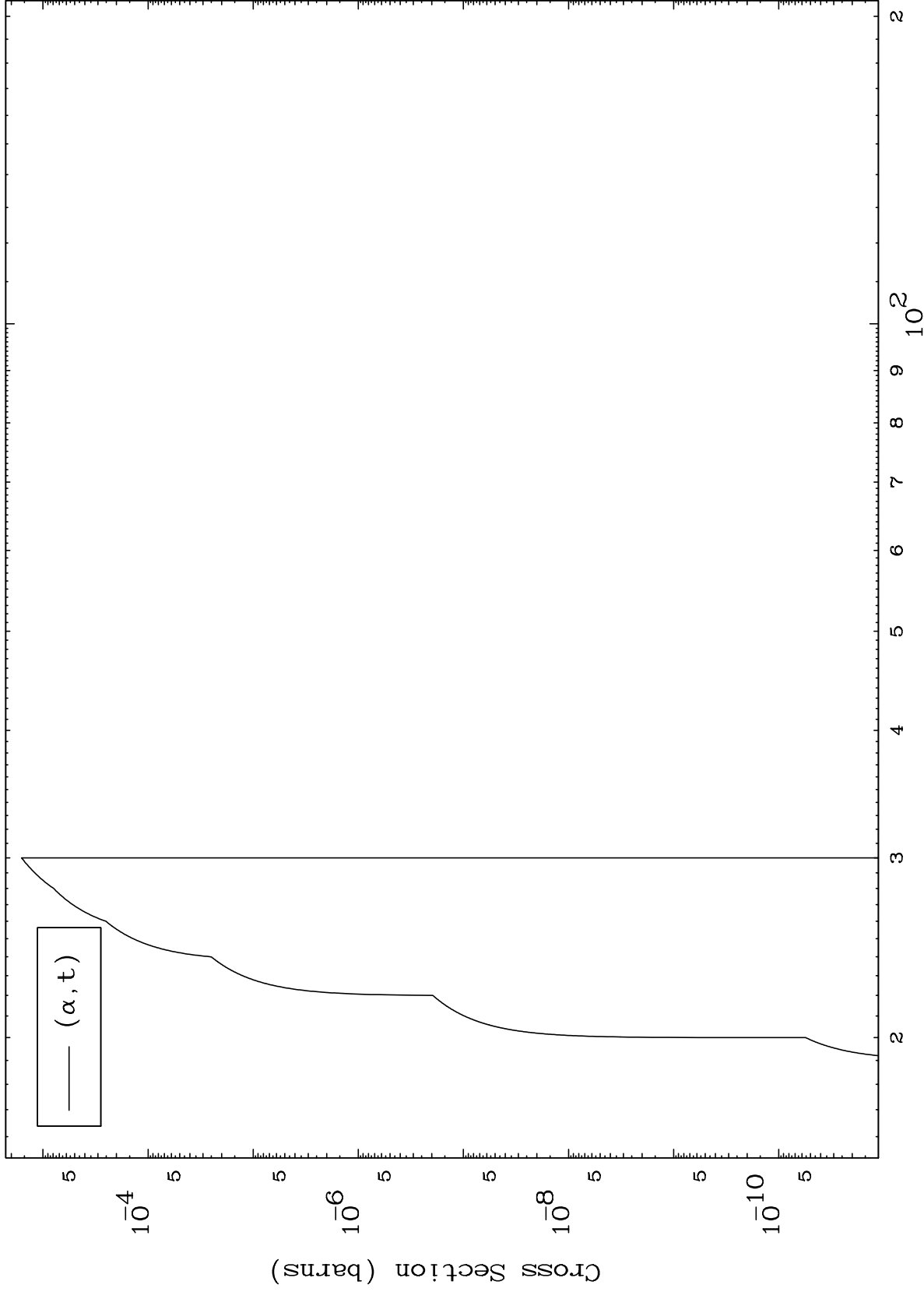
58-Ce-135



MAT 5823

(α, t) Levels
0 Kelvin Cross Sections

58-Ce-135

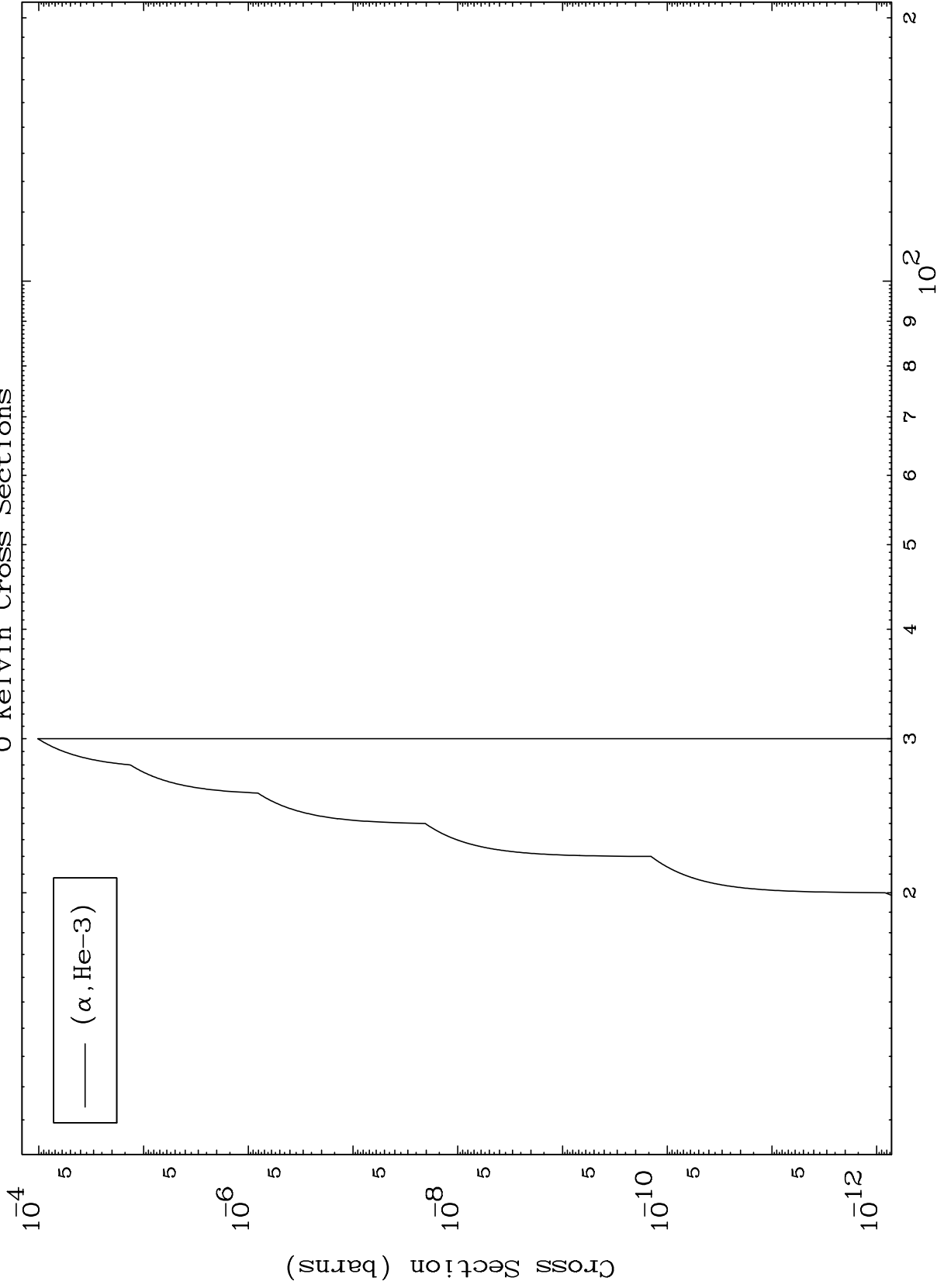


8

Incident Energy (MeV)

58-Ce-135

(α ,He3) Levels
0 Kelvin Cross Sections

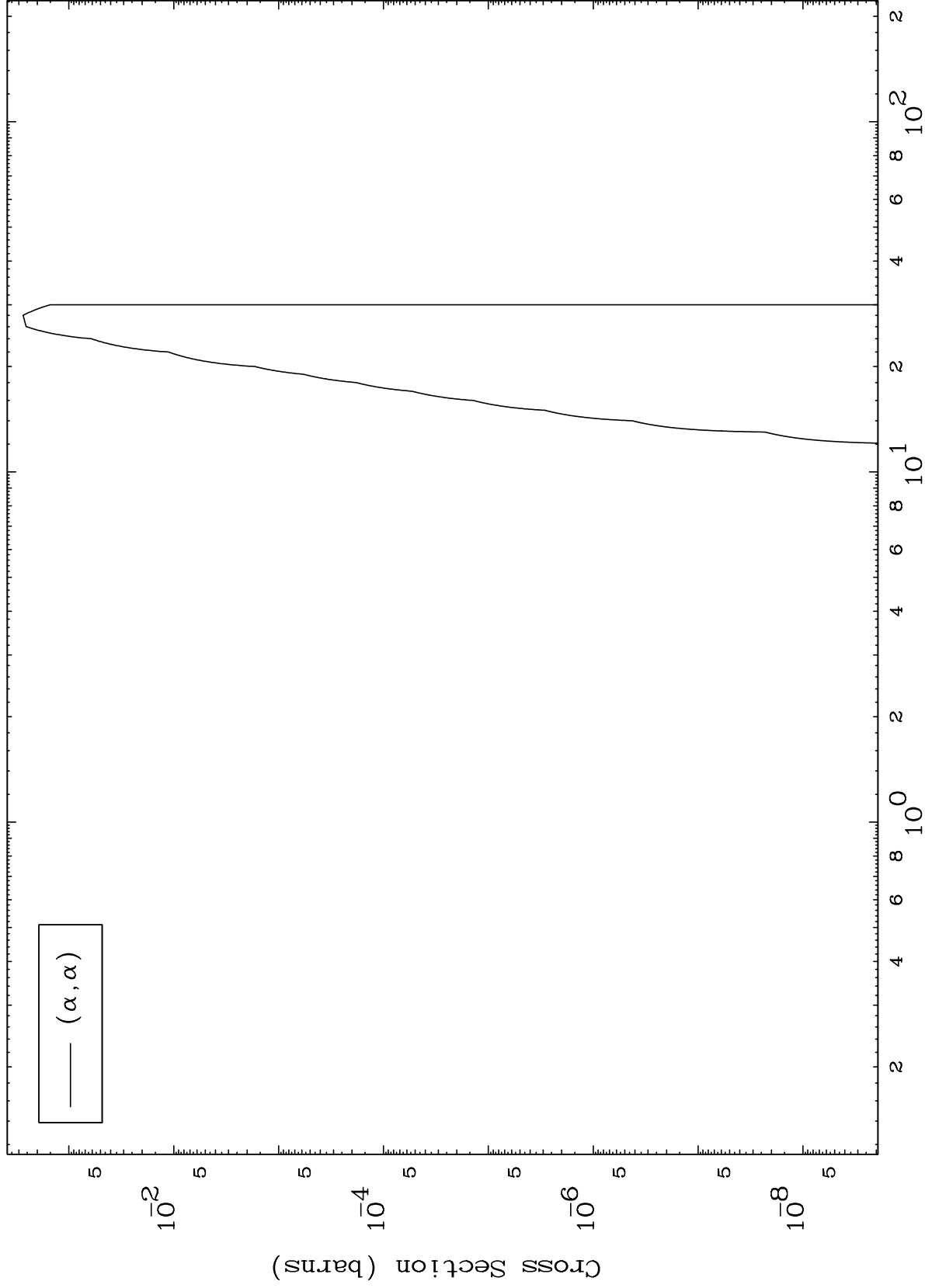


MAT 5823

(α, α) Levels

58-Ce-135

0 Kelvin Cross Sections



10

Incident Energy (MeV)

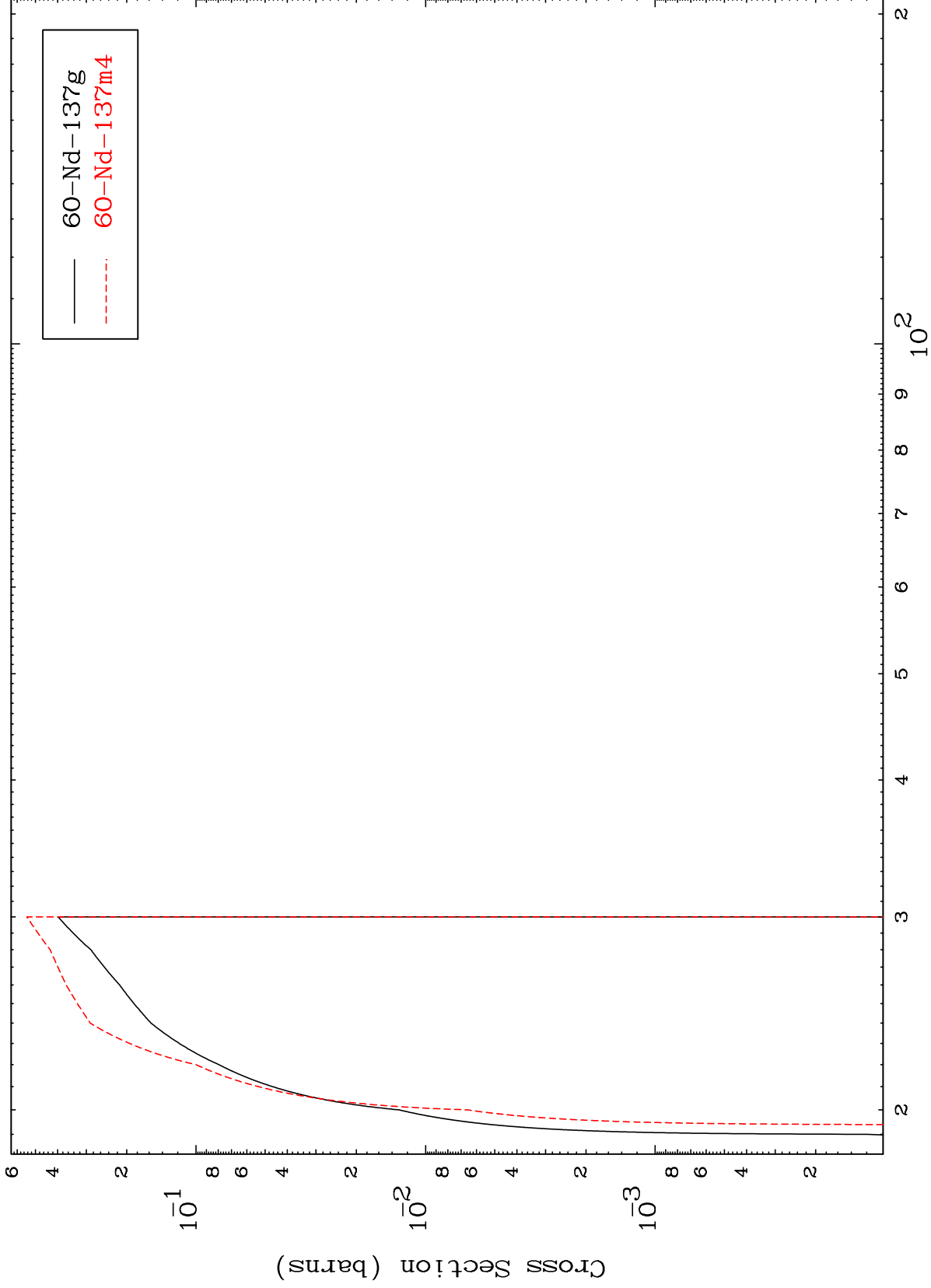
58-Ce-135

MAT 5823

($\alpha, 2n$)

58-Ce-135

Radionuclide Production Cross Section



11

Incident Energy (MeV)

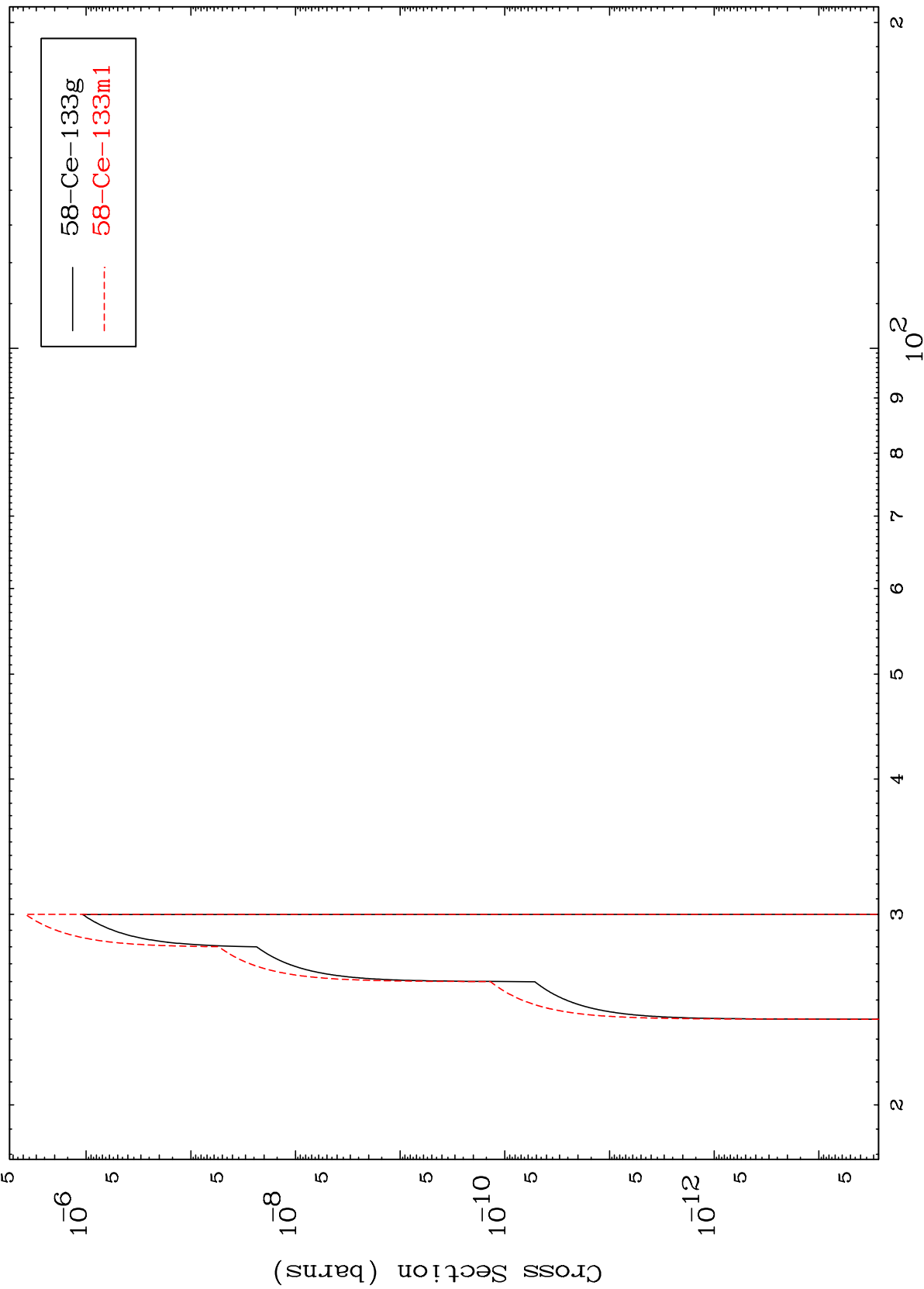
58-Ce-135

MAT 5823

58-Ce-135

$(\alpha, 2n) \alpha$

Radionuclide Production Cross Section



12

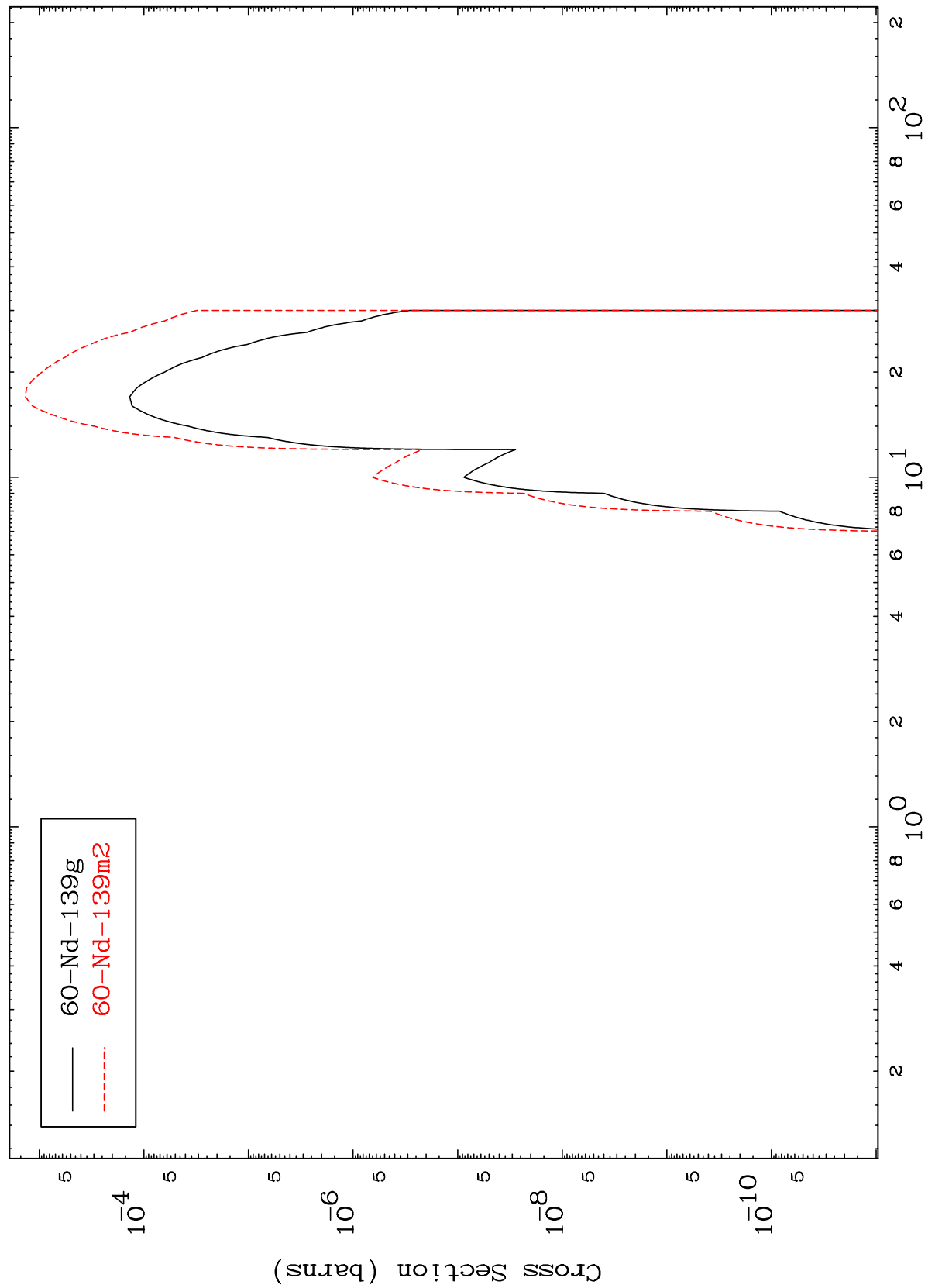
Incident Energy (MeV)

58-Ce-135

MAT 5823

58-Ce-135

(α, γ)
Radionuclide Production Cross Section



13

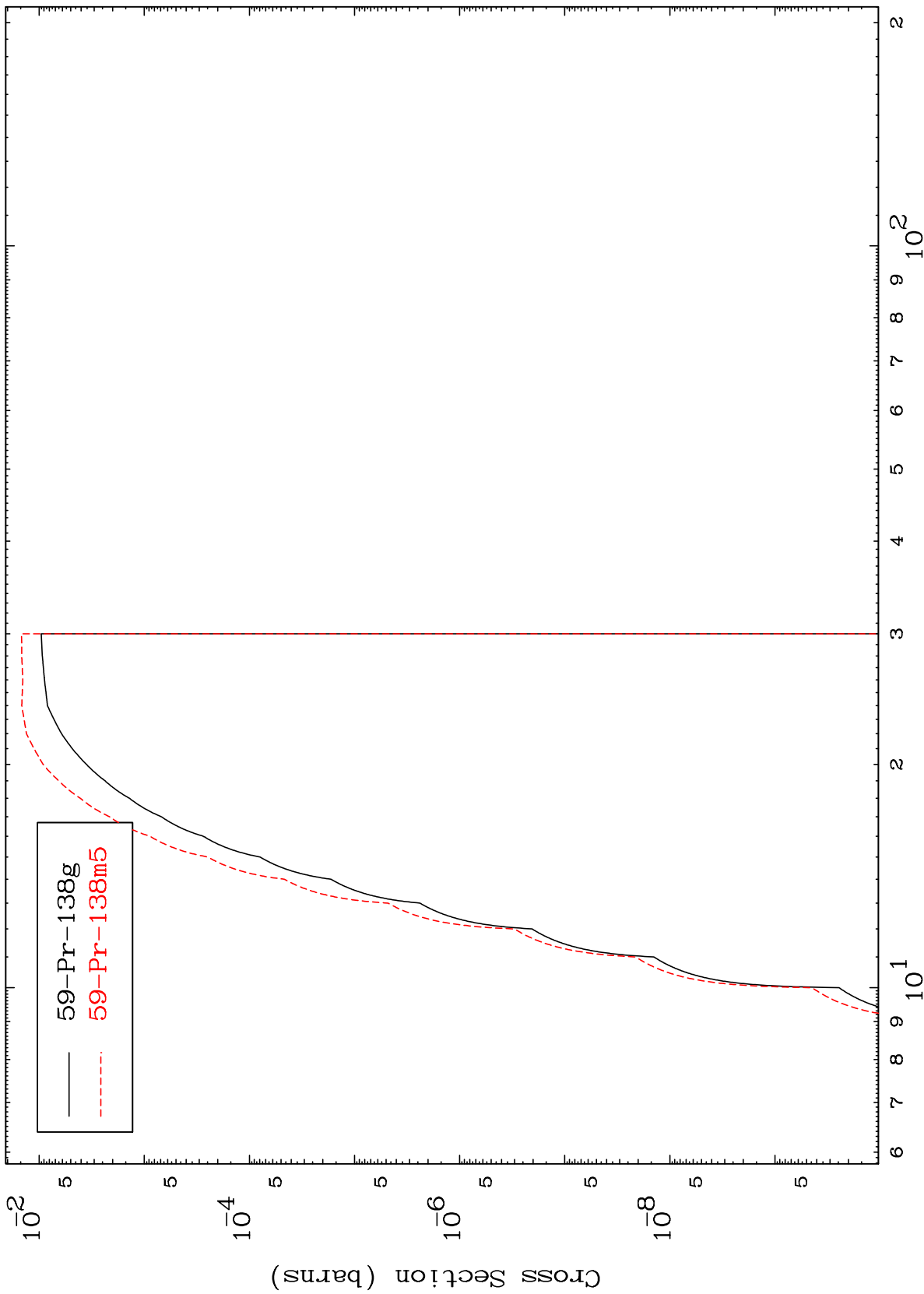
58-Ce-135

Incident Energy (MeV)

MAT 5823

58-Ce-135

(α, p)
Radionuclide Production Cross Section



58-Ce-135

Incident Energy (MeV)

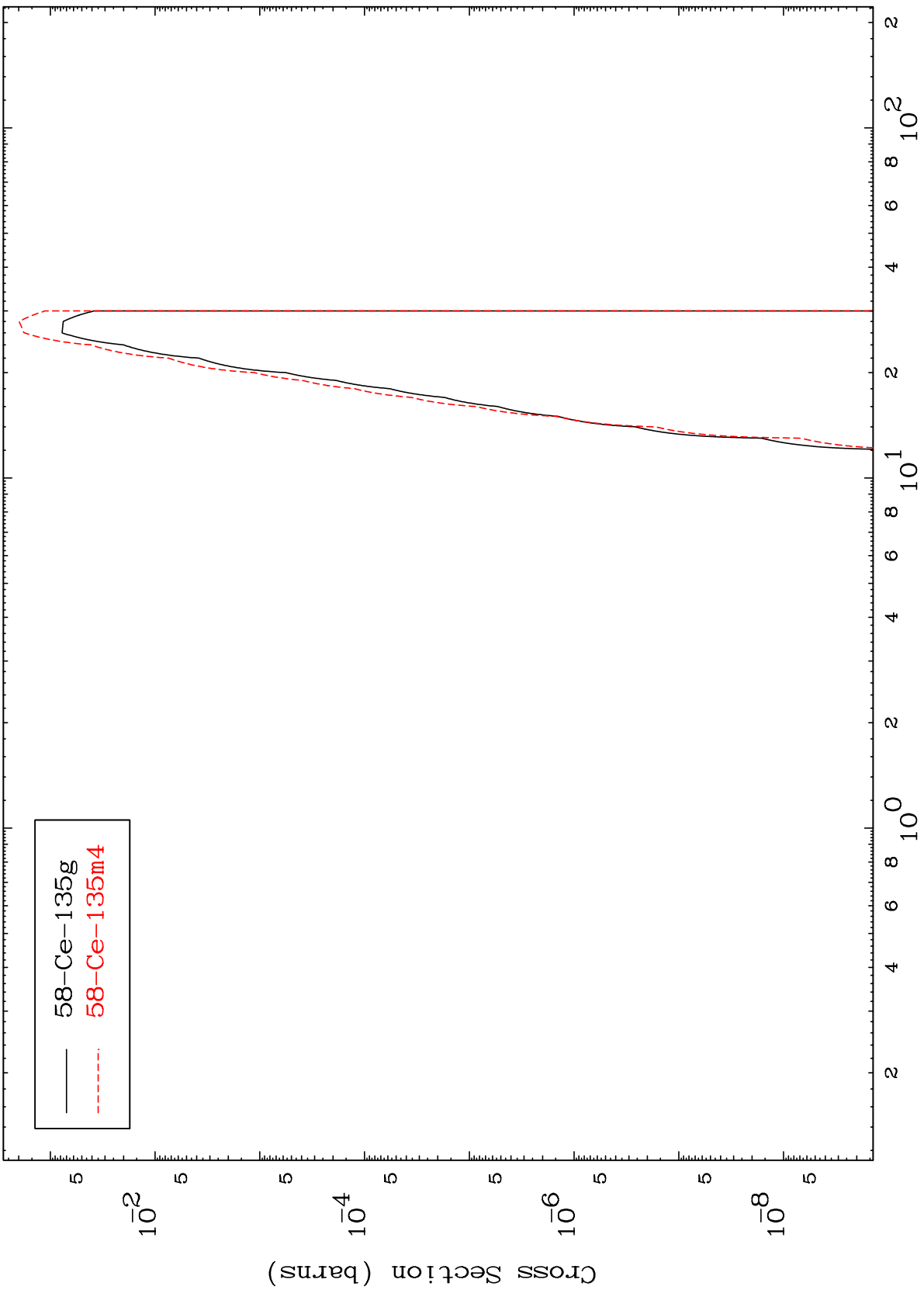
14

MAT 5823

58-Ce-135

(α, α)

Radionuclide Production Cross Section



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

58-Ce-135

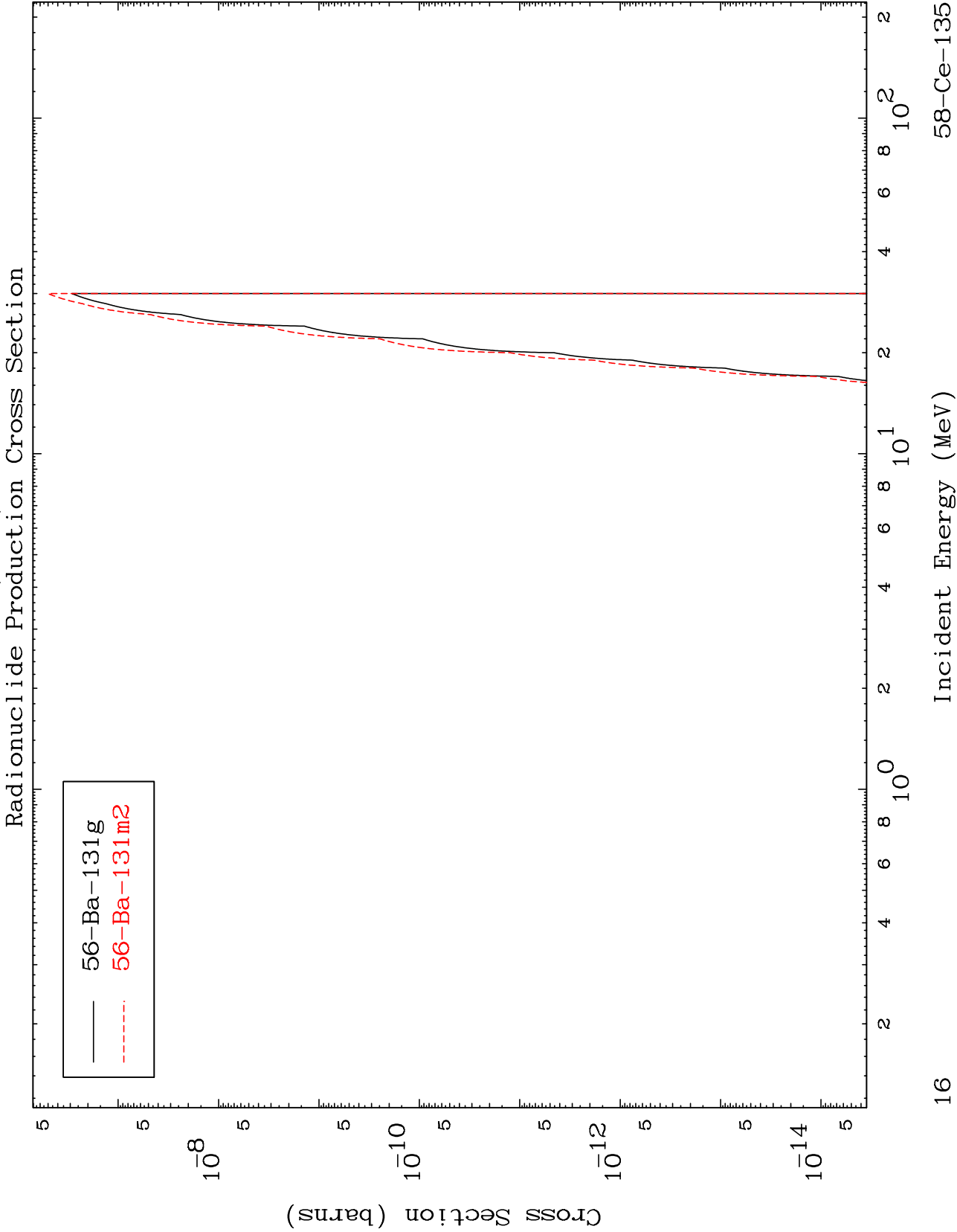
Incident Energy (MeV)

15

MAT 5823

($\alpha, 2\alpha$)

58-Ce-135

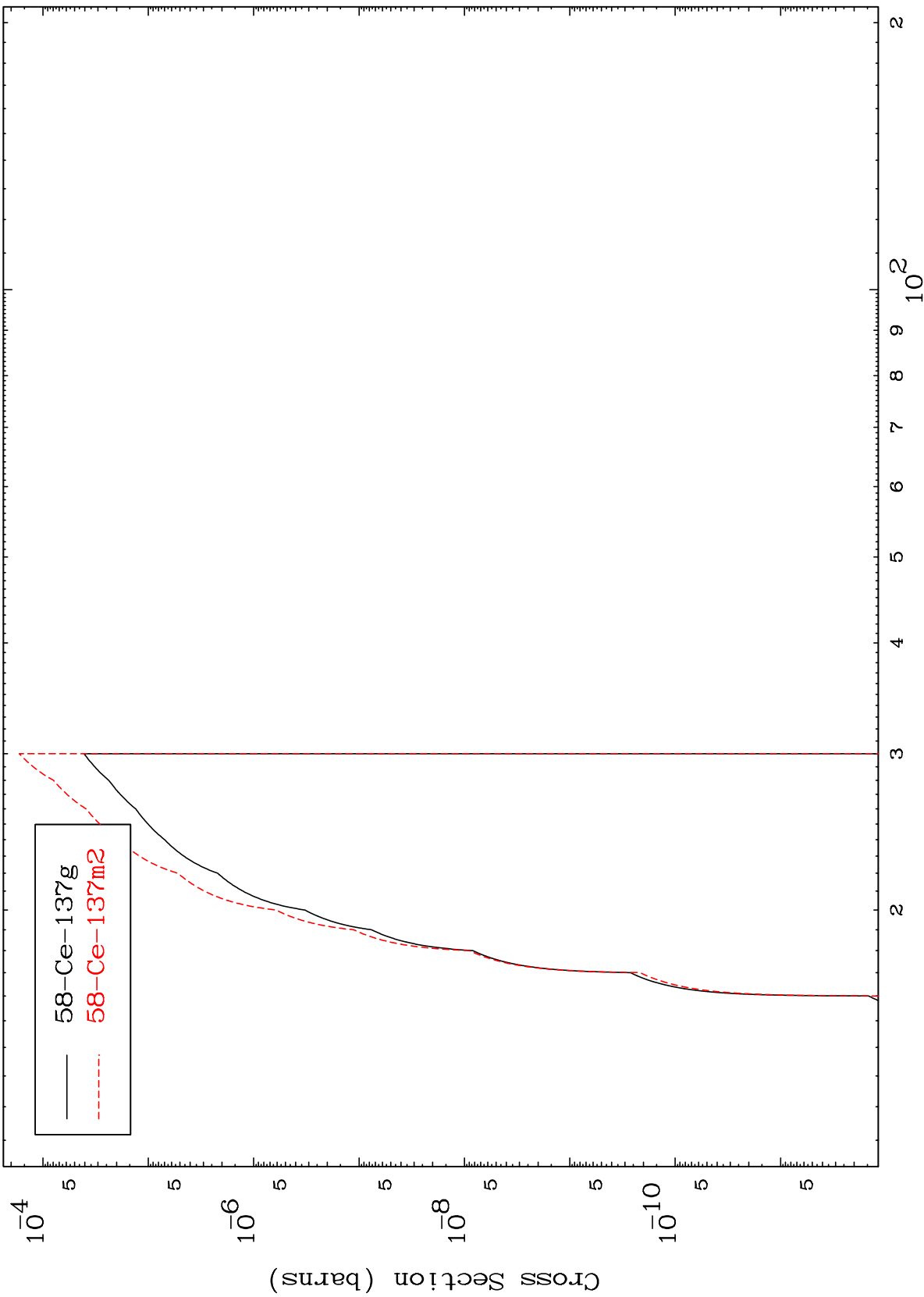


56-Ba-131g
56-Ba-131m2

MAT 5823

58-Ce-135

Radionuclide Production Cross Section
($\alpha, 2p$)



58-Ce-135

Incident Energy (MeV)

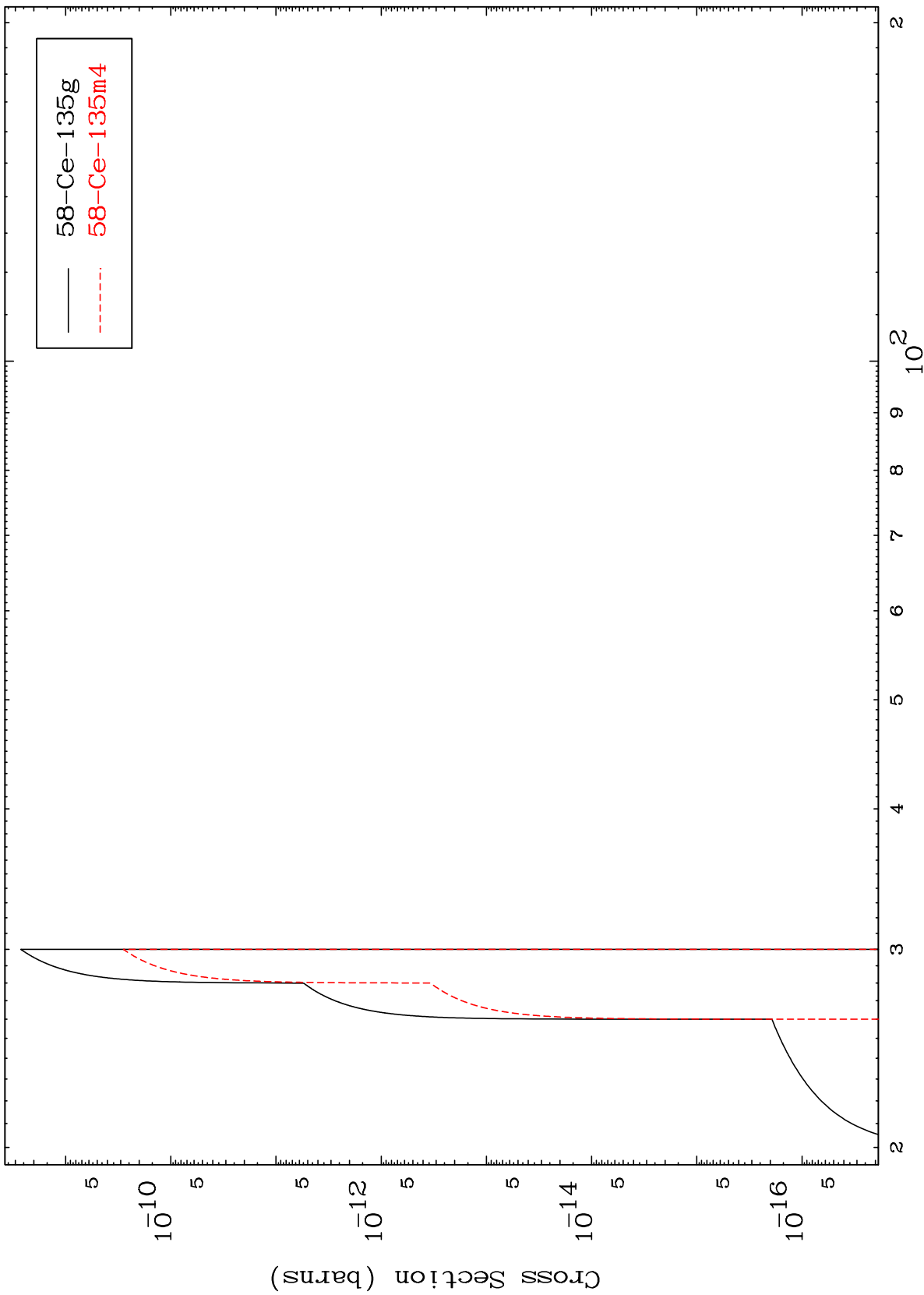
17

MAT 5823

(α, p) t

58-Ce-135

Radionuclide Production Cross Section



18

Incident Energy (MeV)

58-Ce-135