

Program EVALPLOT
(Version 2018-1)

by

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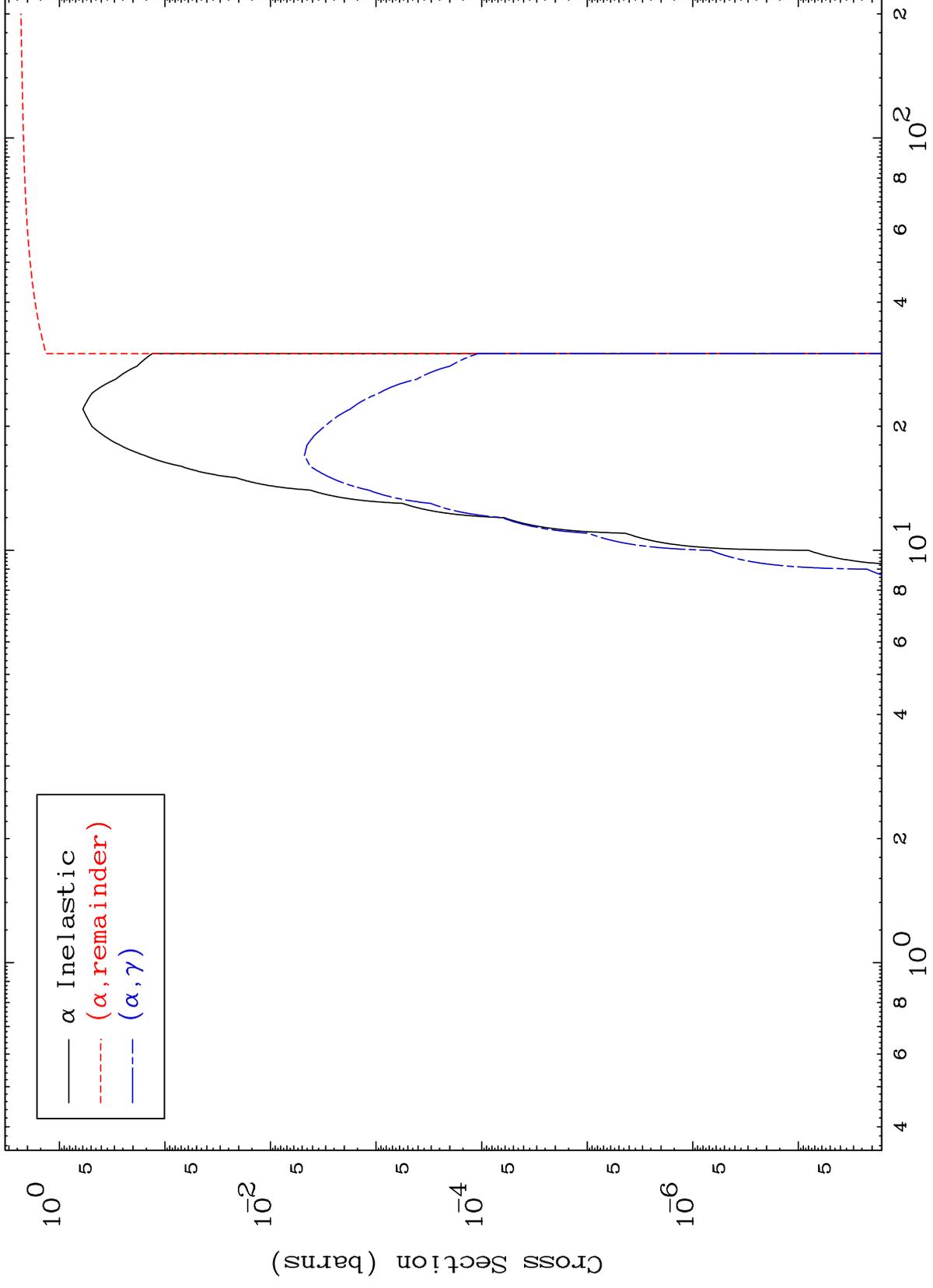
Press Mouse Button to Start

MAT 5817

α Major

58-Ce-133

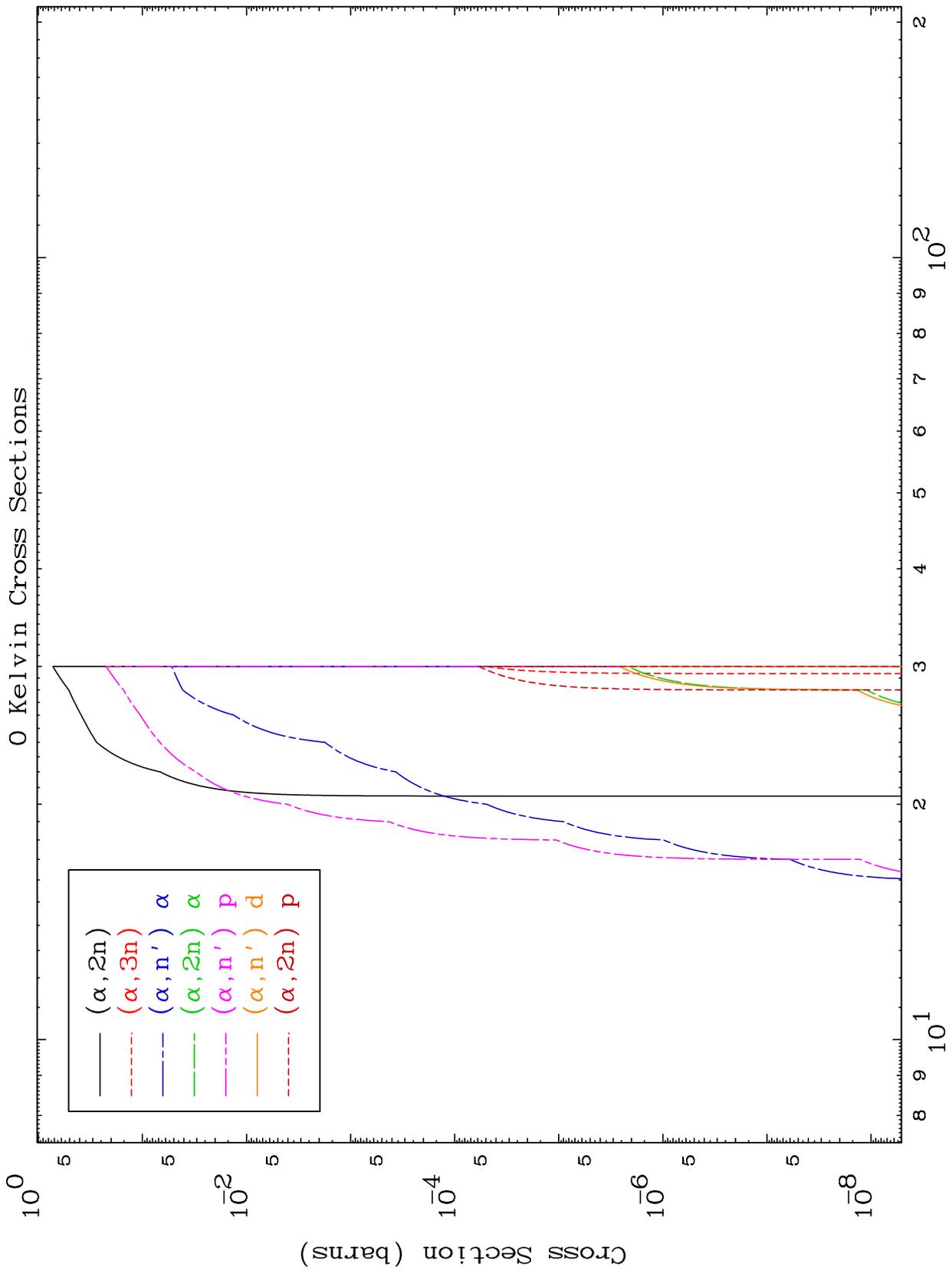
0 Kelvin Cross Sections



MAT 5817

α Neutron Production
0 Kelvin Cross Sections

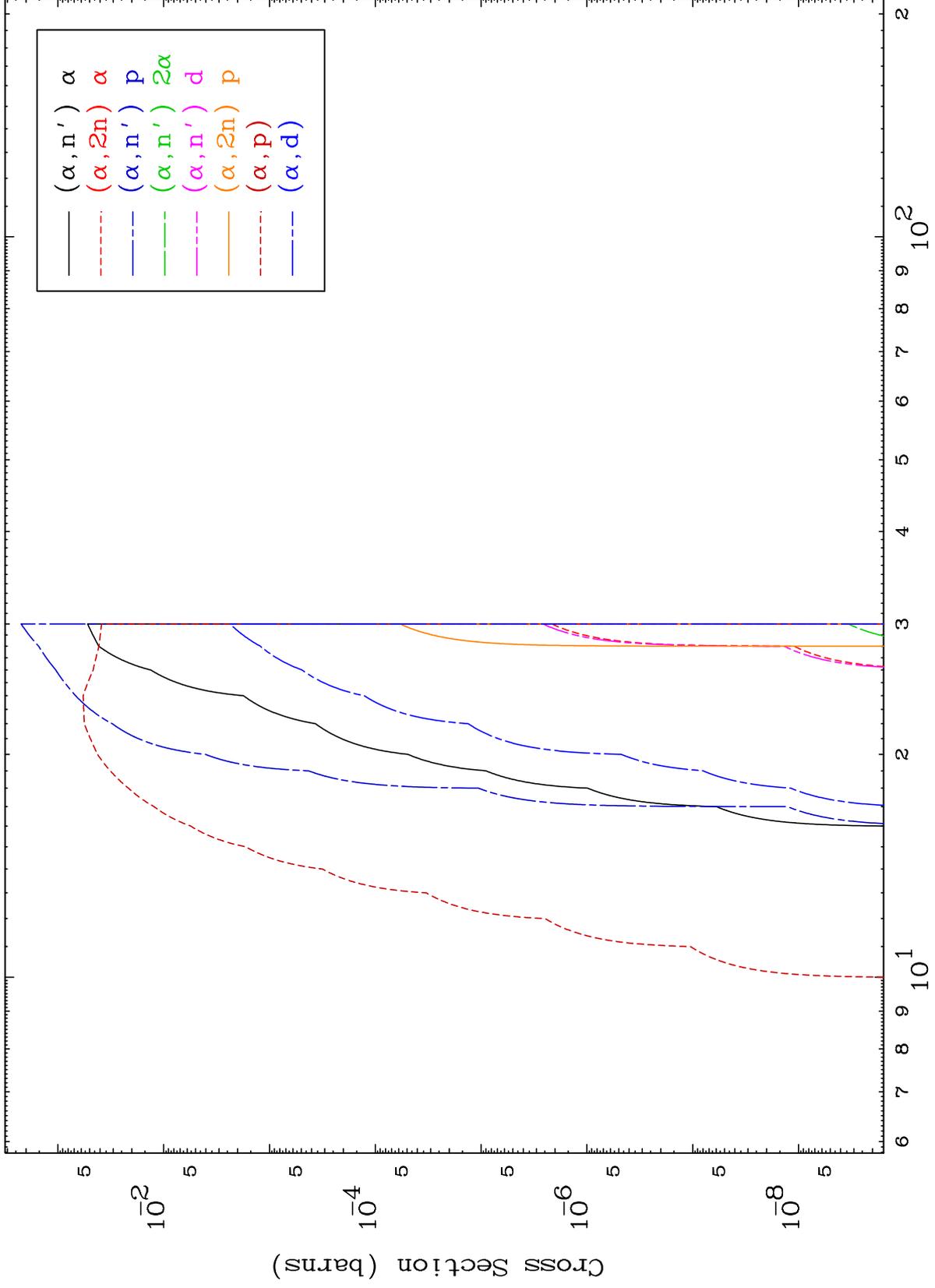
58-Ce-133



Incident Energy (MeV)

58-Ce-133

2

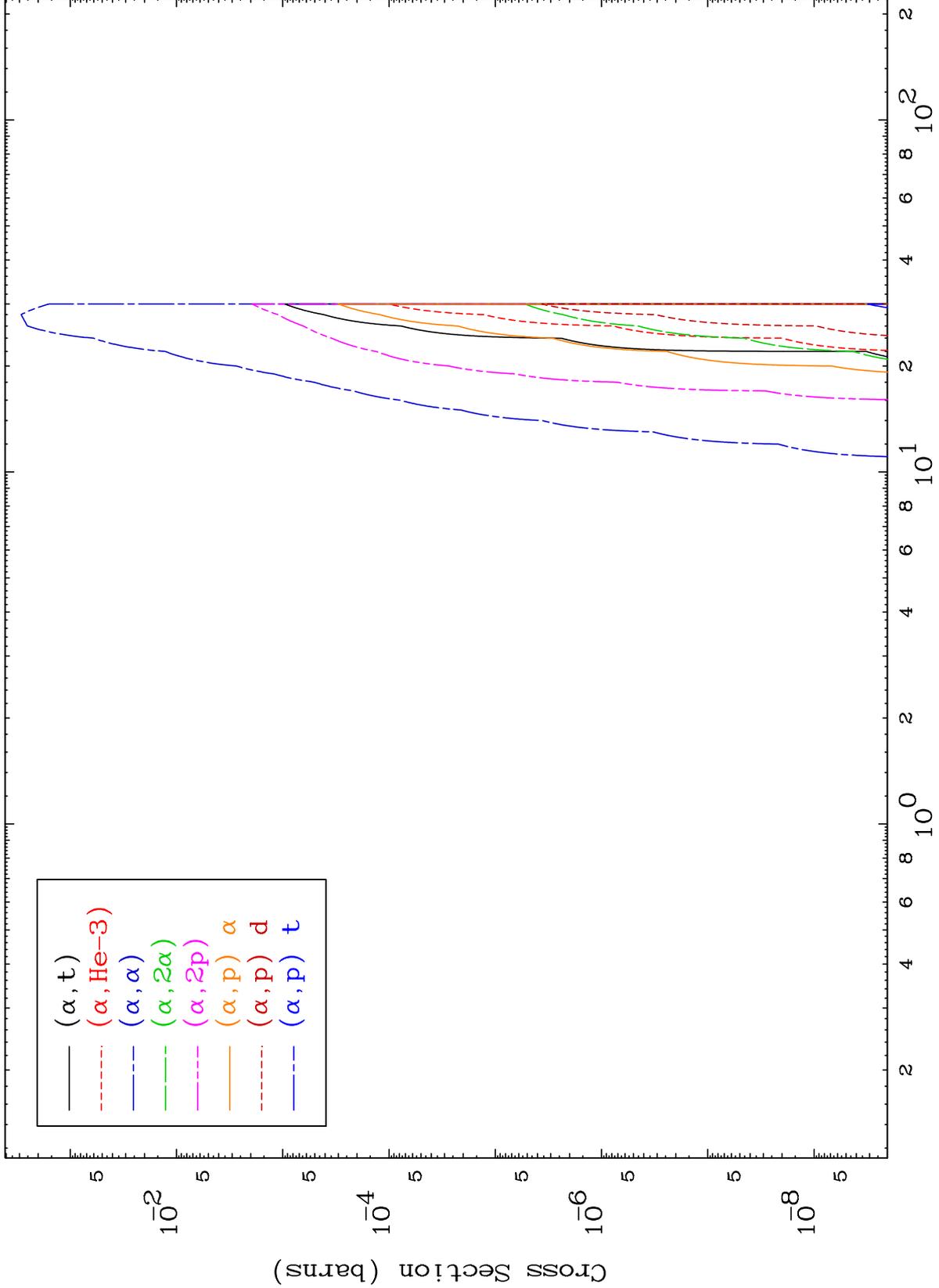


MAT 5817

α Charged Particle

58-Ce-133

0 Kelvin Cross Sections

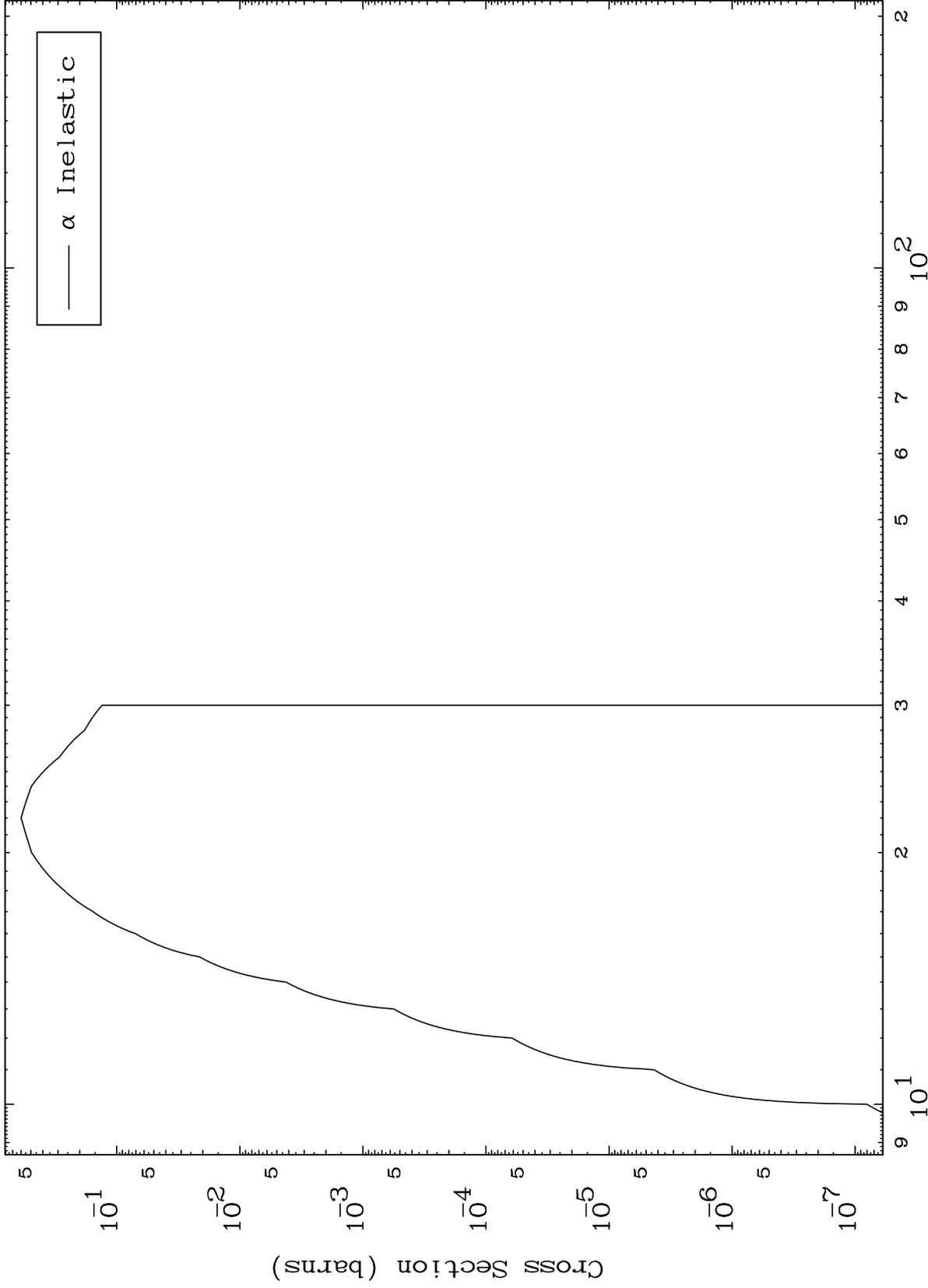


MAT 5817

(α, n') Level

58-Ce-133

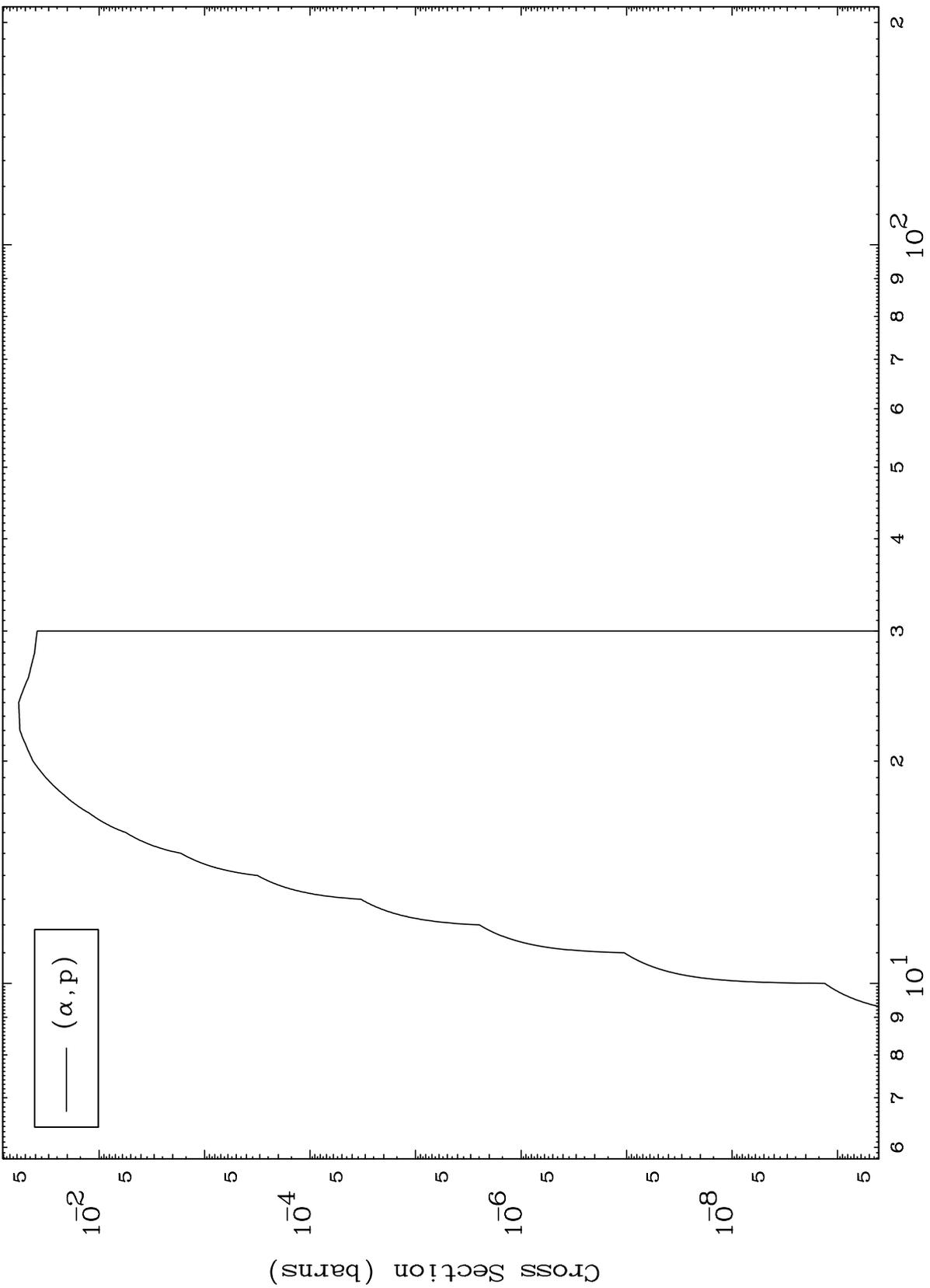
0 Kelvin Cross Sections

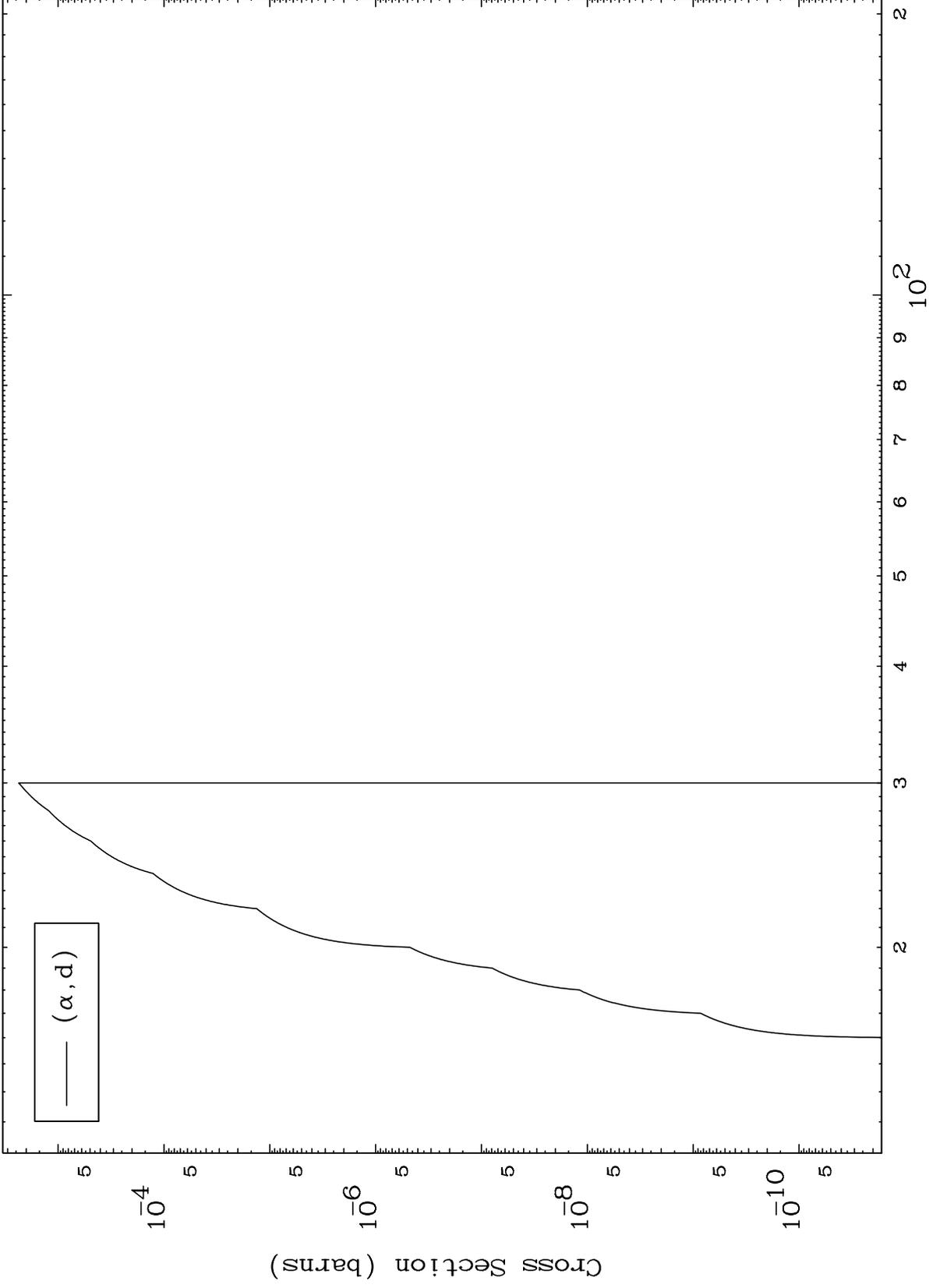


Incident Energy (MeV)

58-Ce-133

(α, p) Levels
0 Kelvin Cross Sections

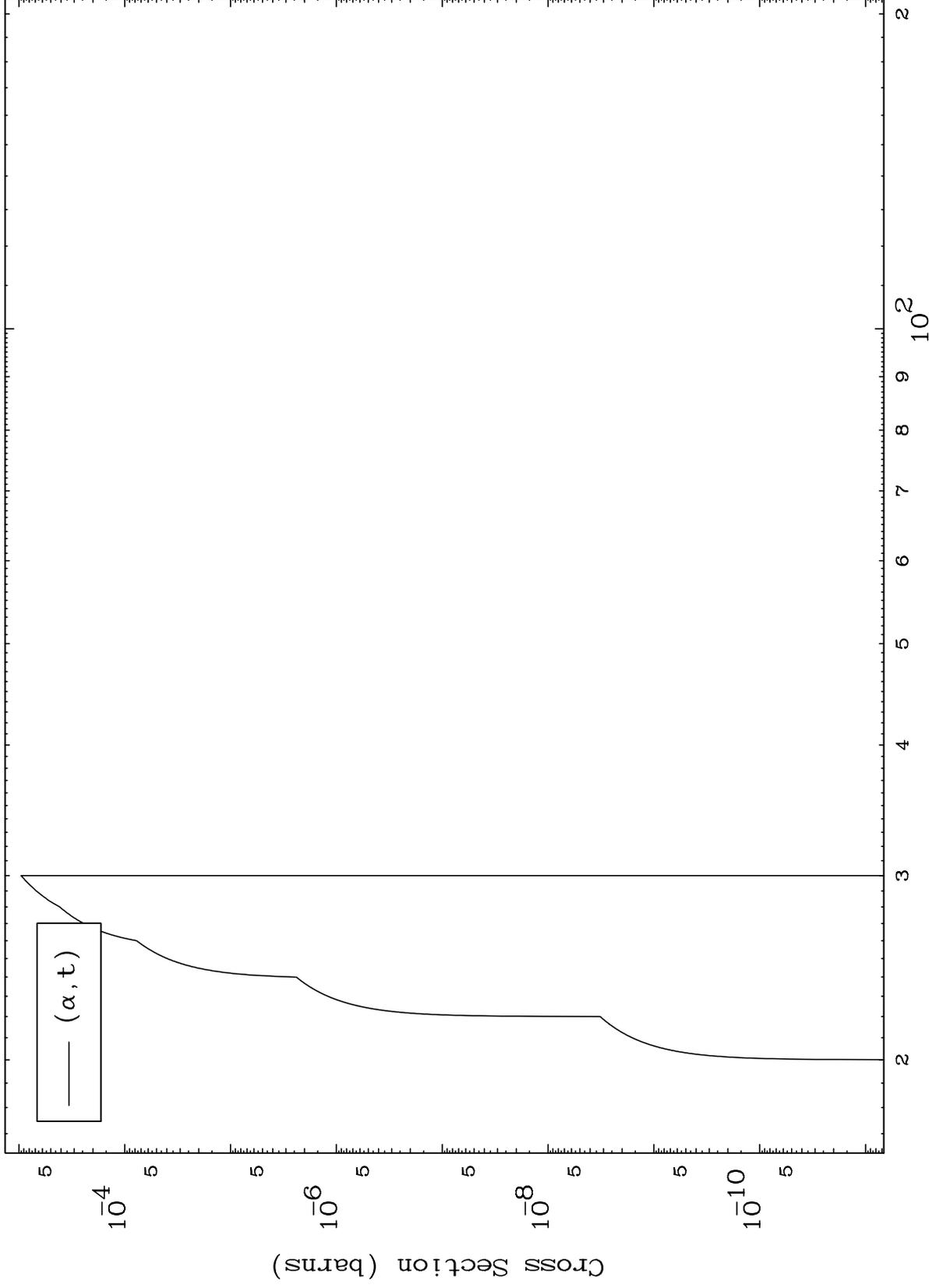




MAT 5817

(α, t) Levels
0 Kelvin Cross Sections

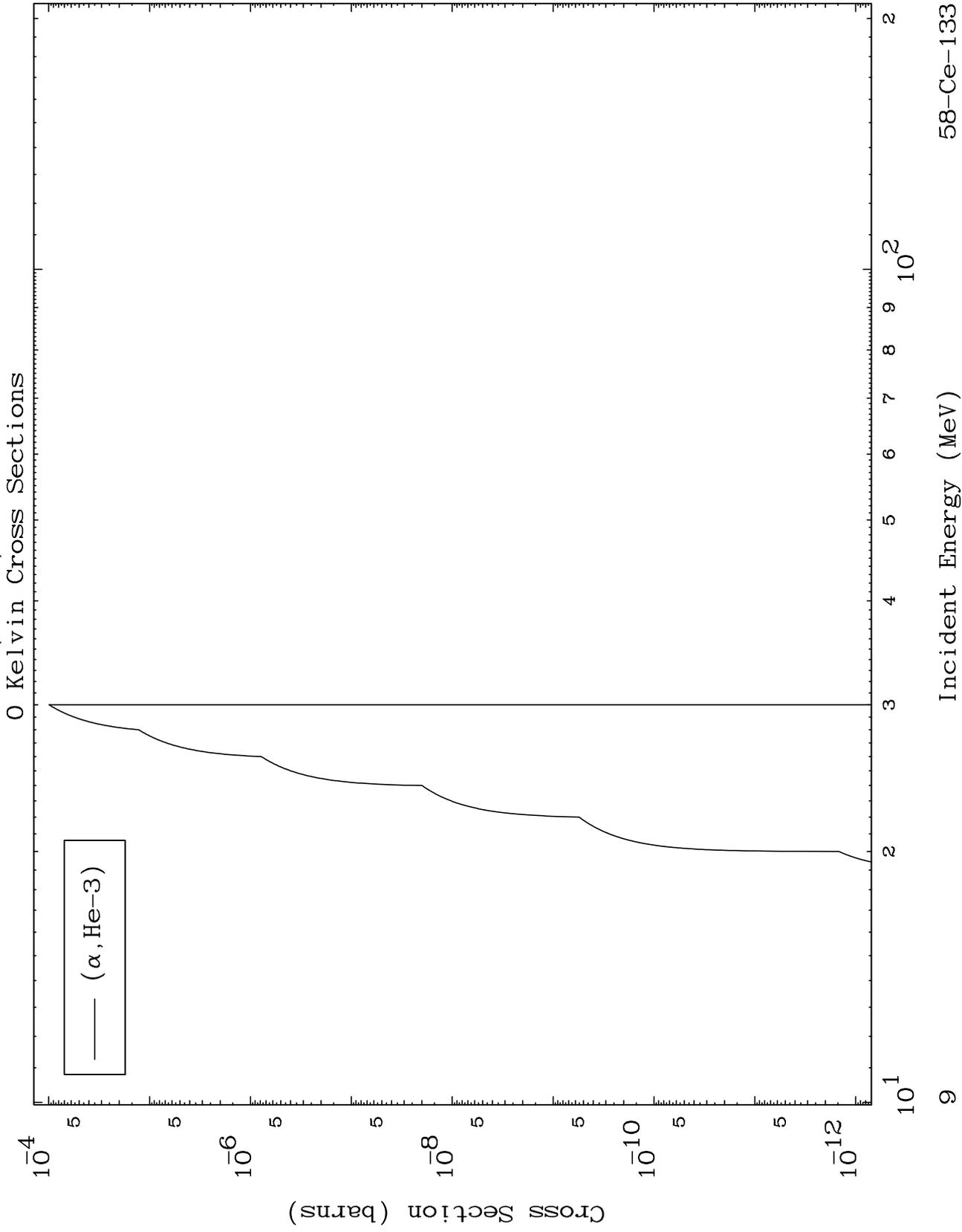
58-Ce-133



MAT 5817

(α , He3) Levels

58-Ce-133

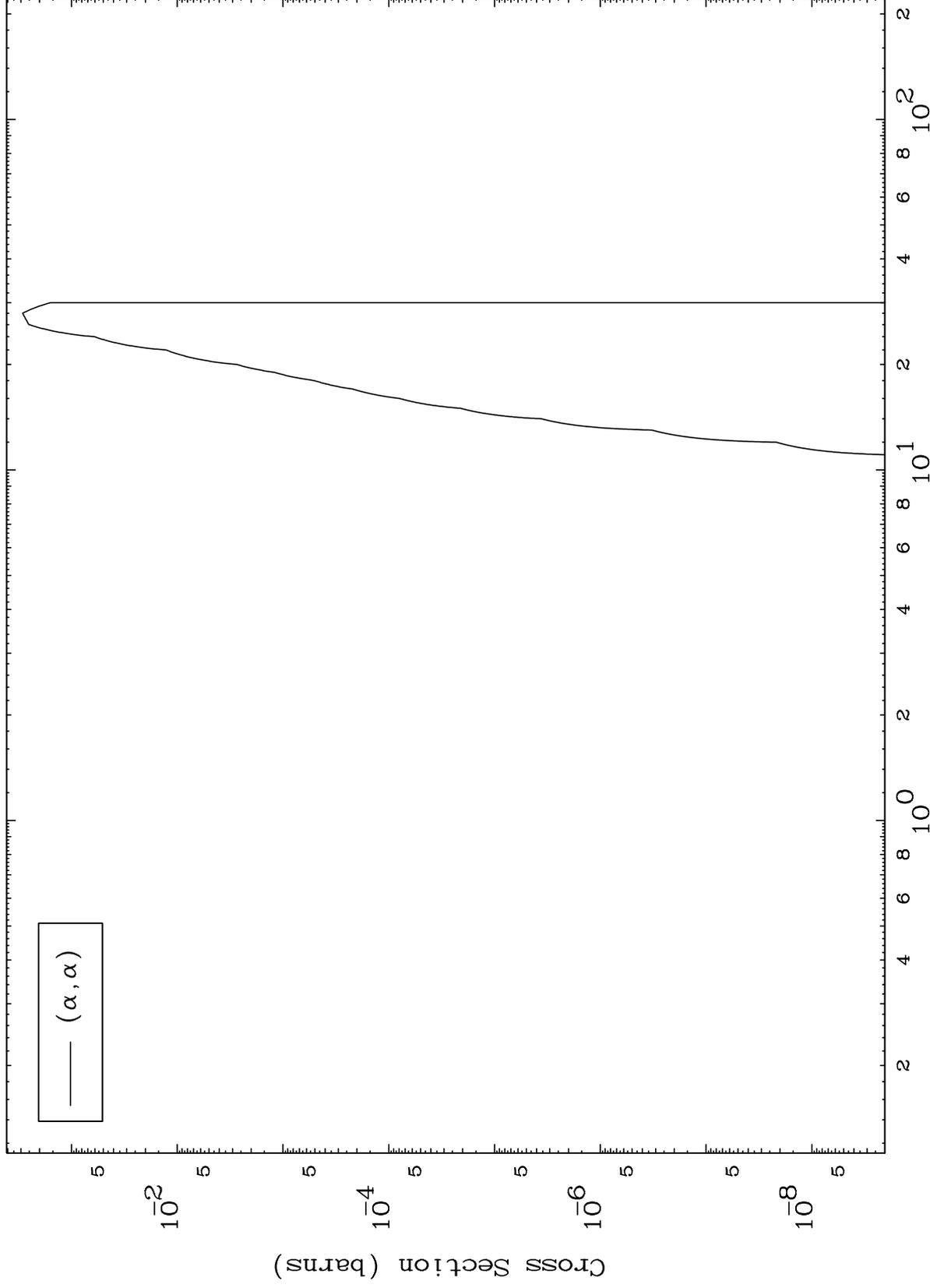


MAT 5817

(α, α) Levels

58-Ce-133

0 Kelvin Cross Sections



10

Incident Energy (MeV)

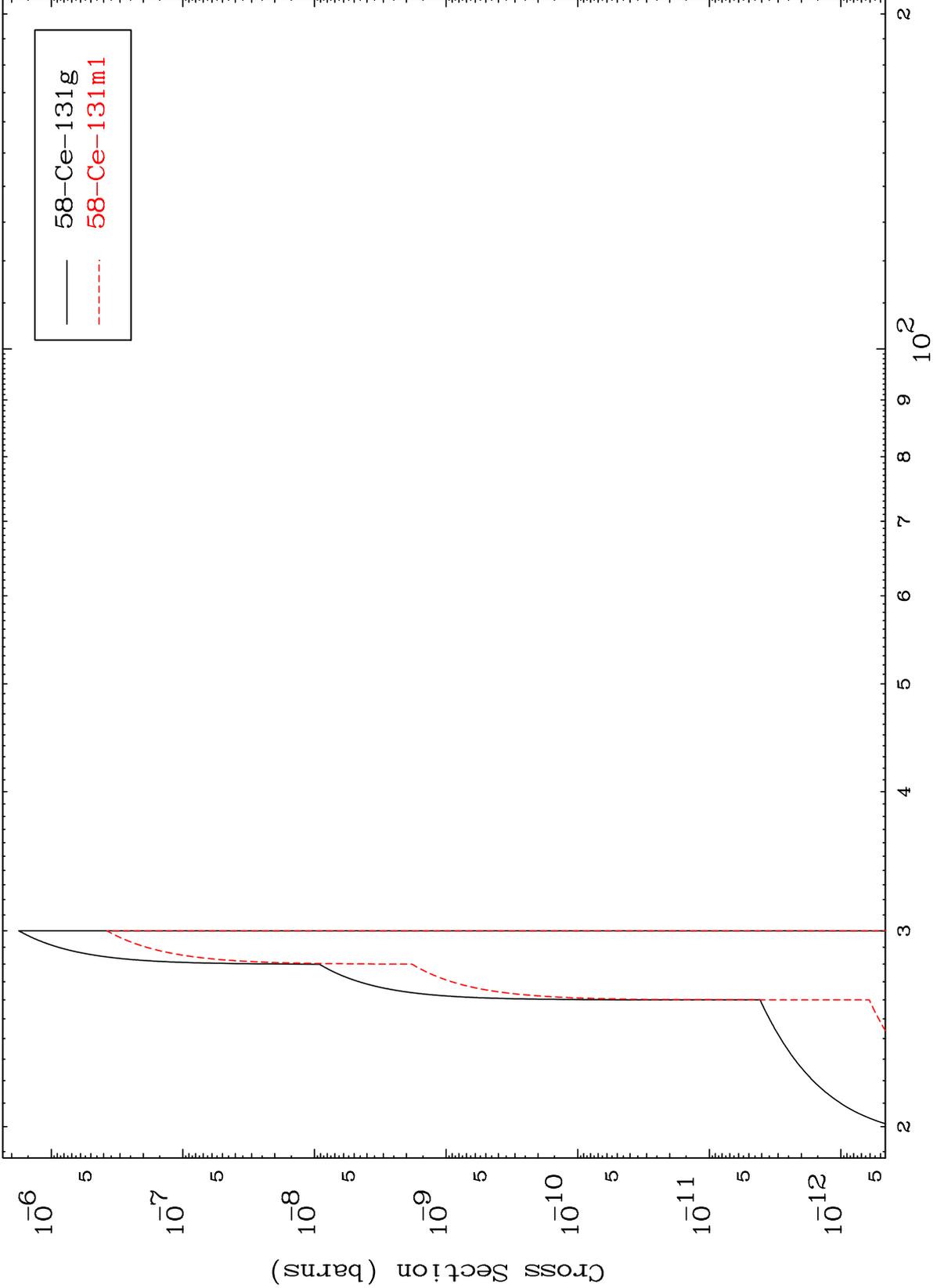
58-Ce-133

MAT 5817

$(\alpha, 2n)$ α

58-Ce-133

Radionuclide Production Cross Section



11

Incident Energy (MeV)

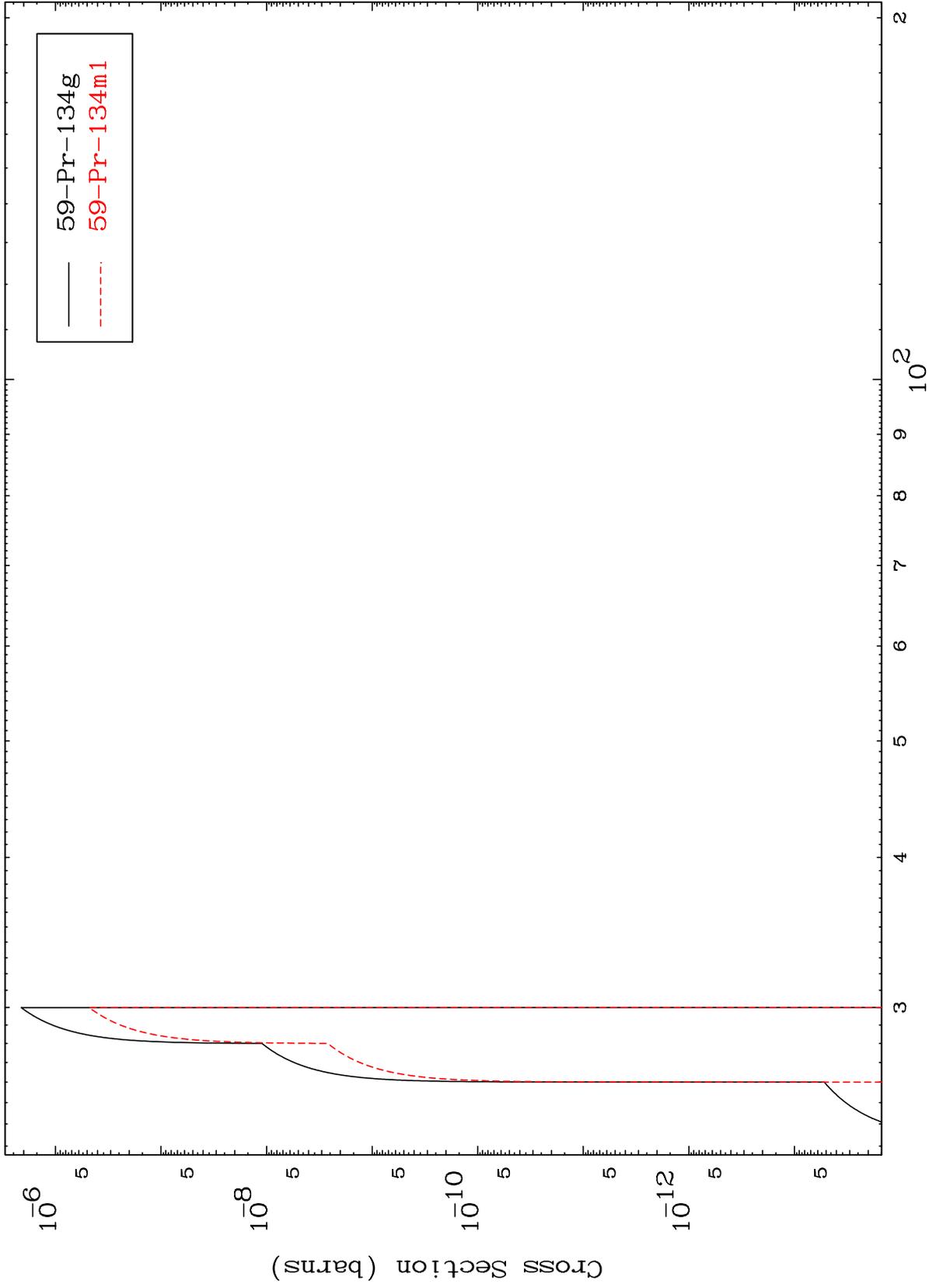
58-Ce-133

MAT 5817

(α, n') d

58-Ce-133

Radionuclide Production Cross Section



12

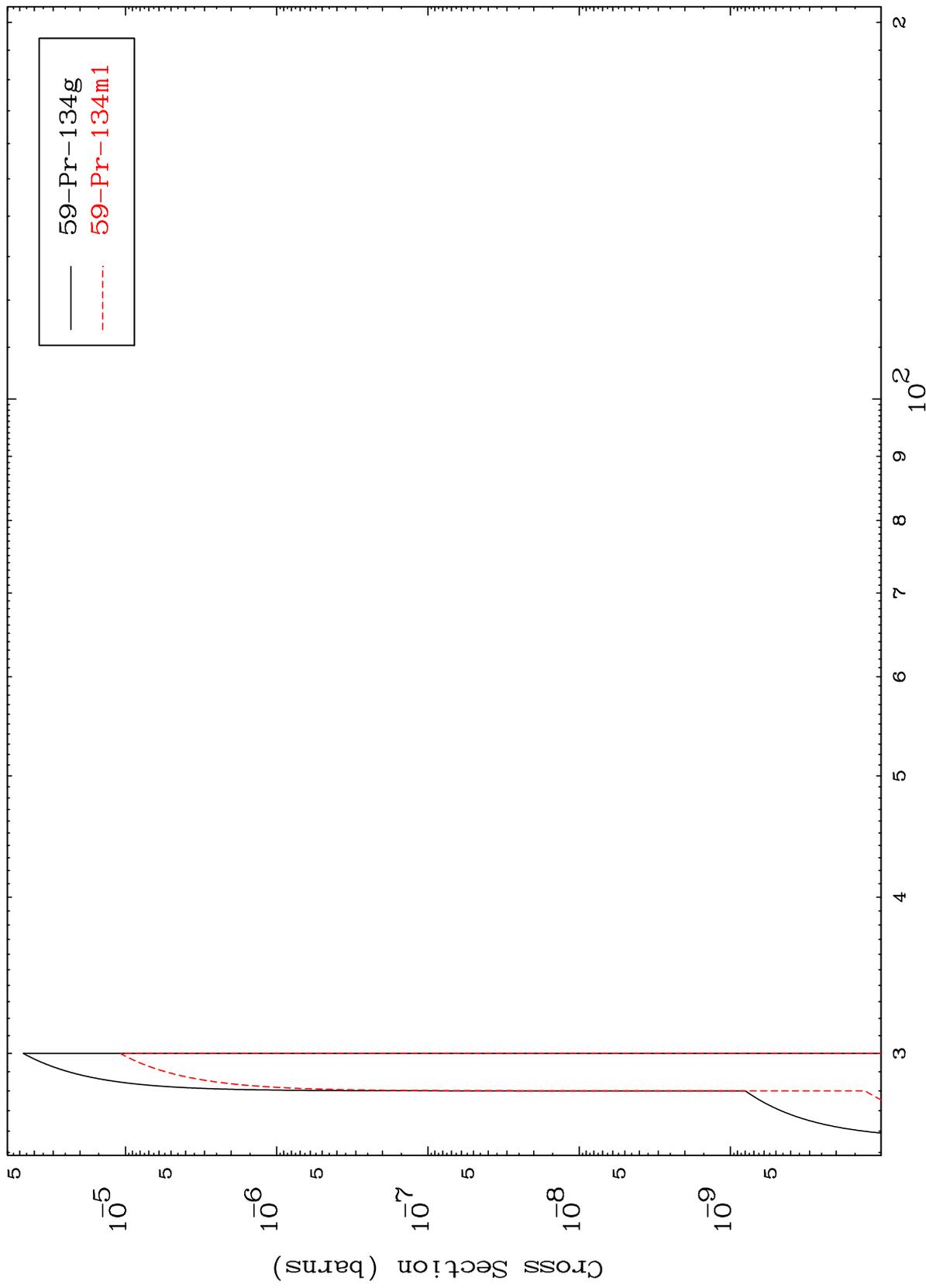
Incident Energy (MeV)

58-Ce-133

MAT 5817

58-Ce-133

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



58-Ce-133

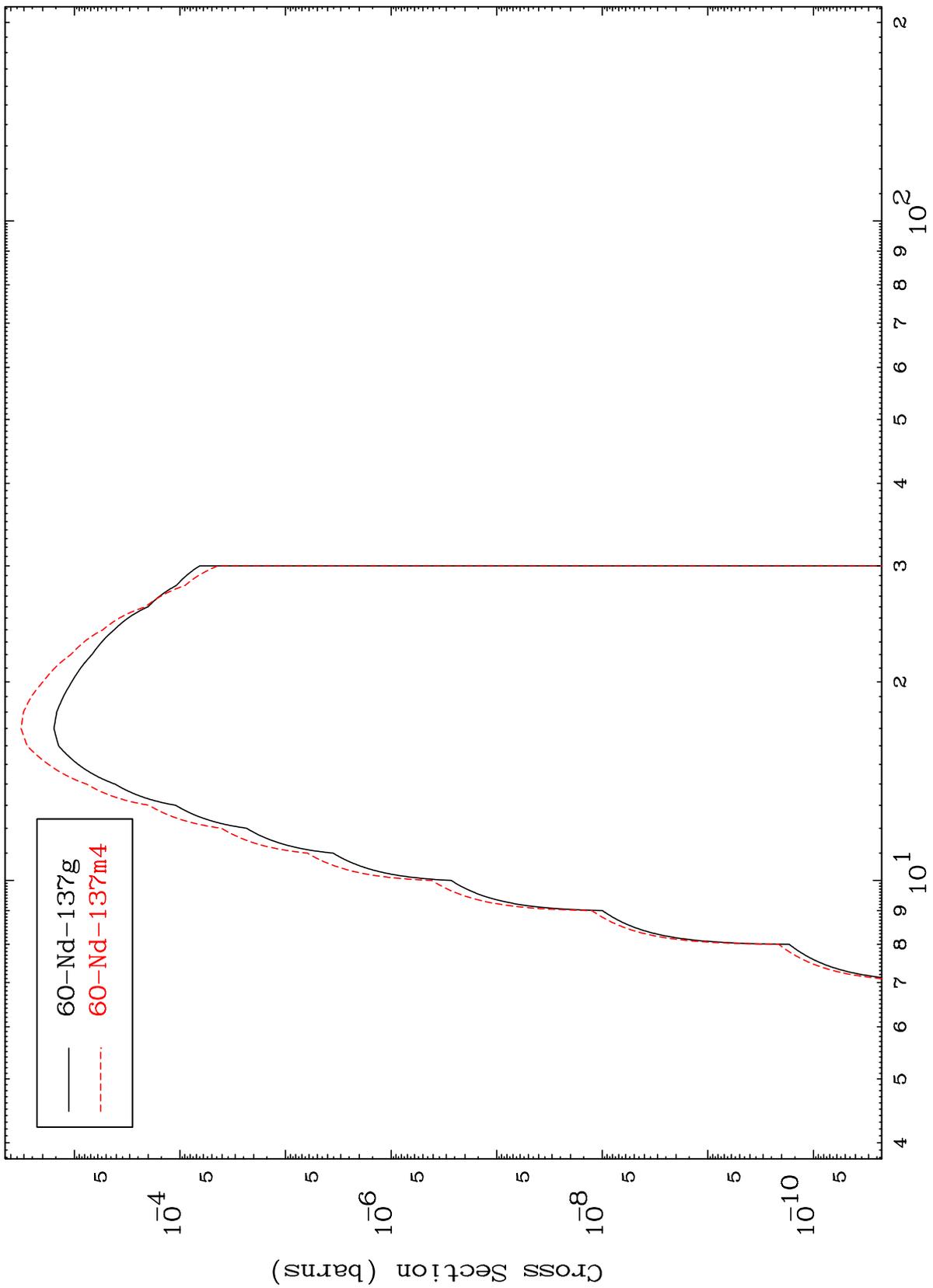
Incident Energy (MeV)

13

MAT 5817

58-Ce-133

Radionuclide Production Cross Section
(α, γ)



14

Incident Energy (MeV)

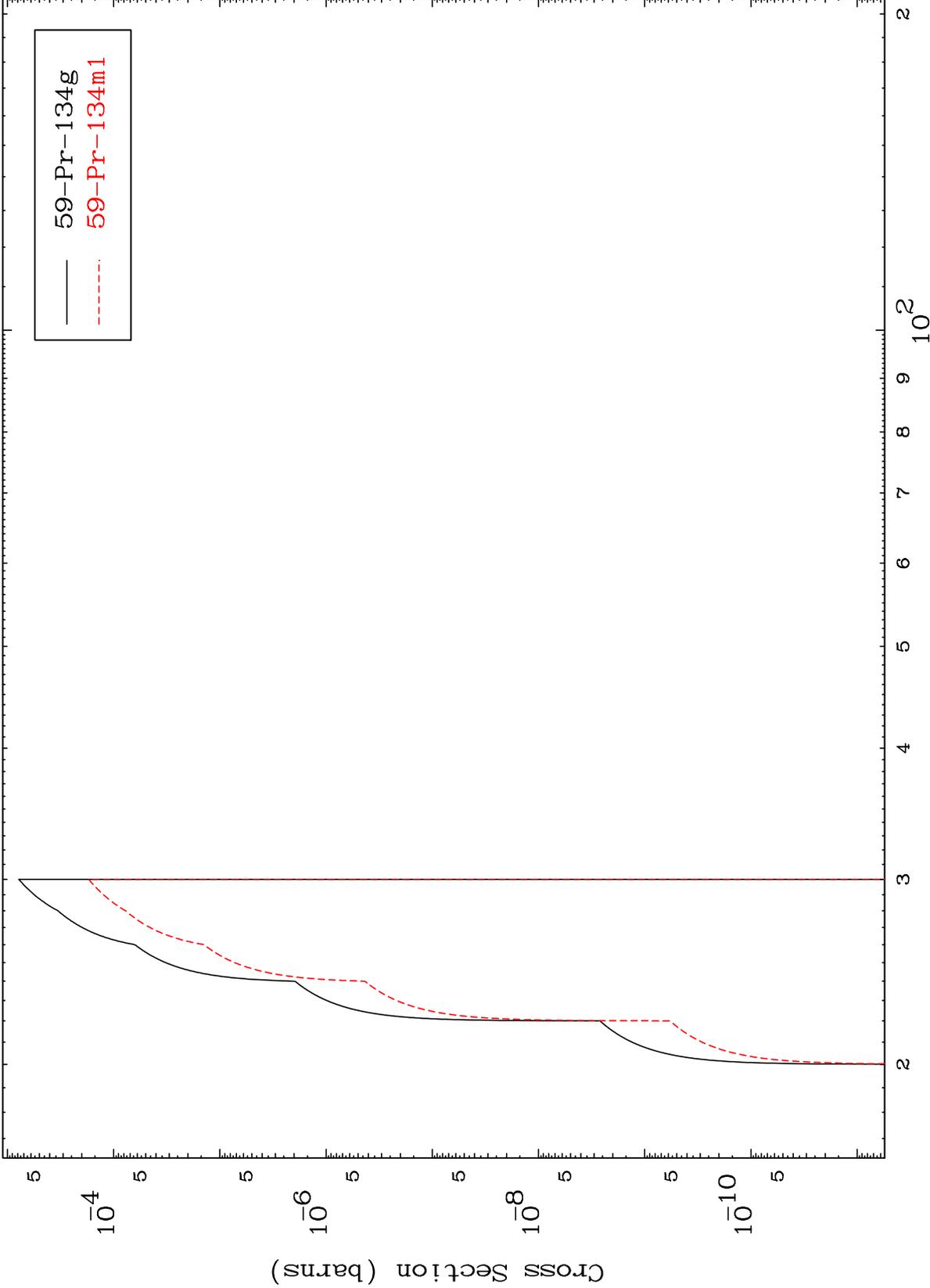
58-Ce-133

MAT 5817

(α, t)

58-Ce-133

Radionuclide Production Cross Section



15

Incident Energy (MeV)

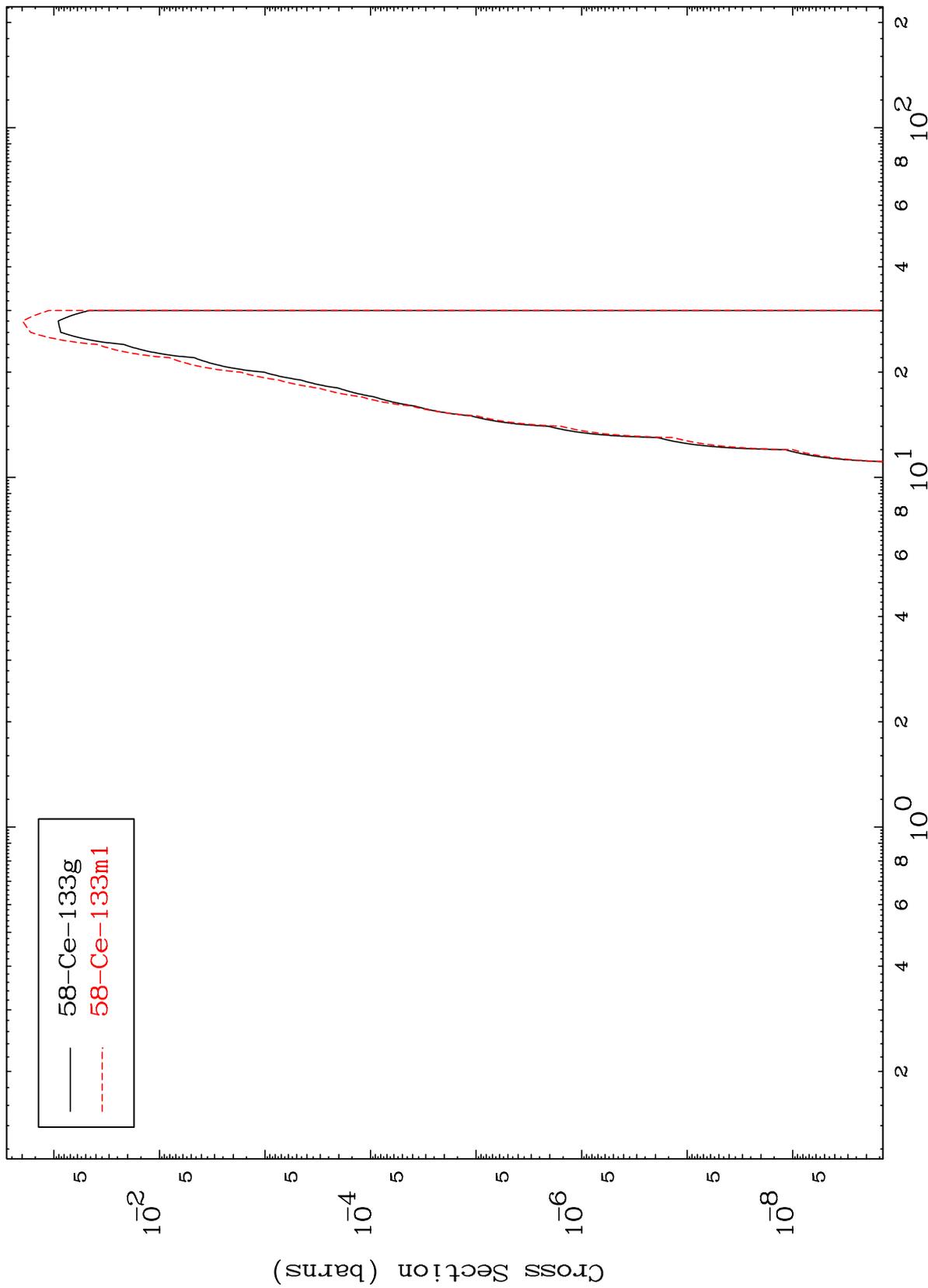
58-Ce-133

MAT 5817

(α, α)

58-Ce-133

Radionuclide Production Cross Section

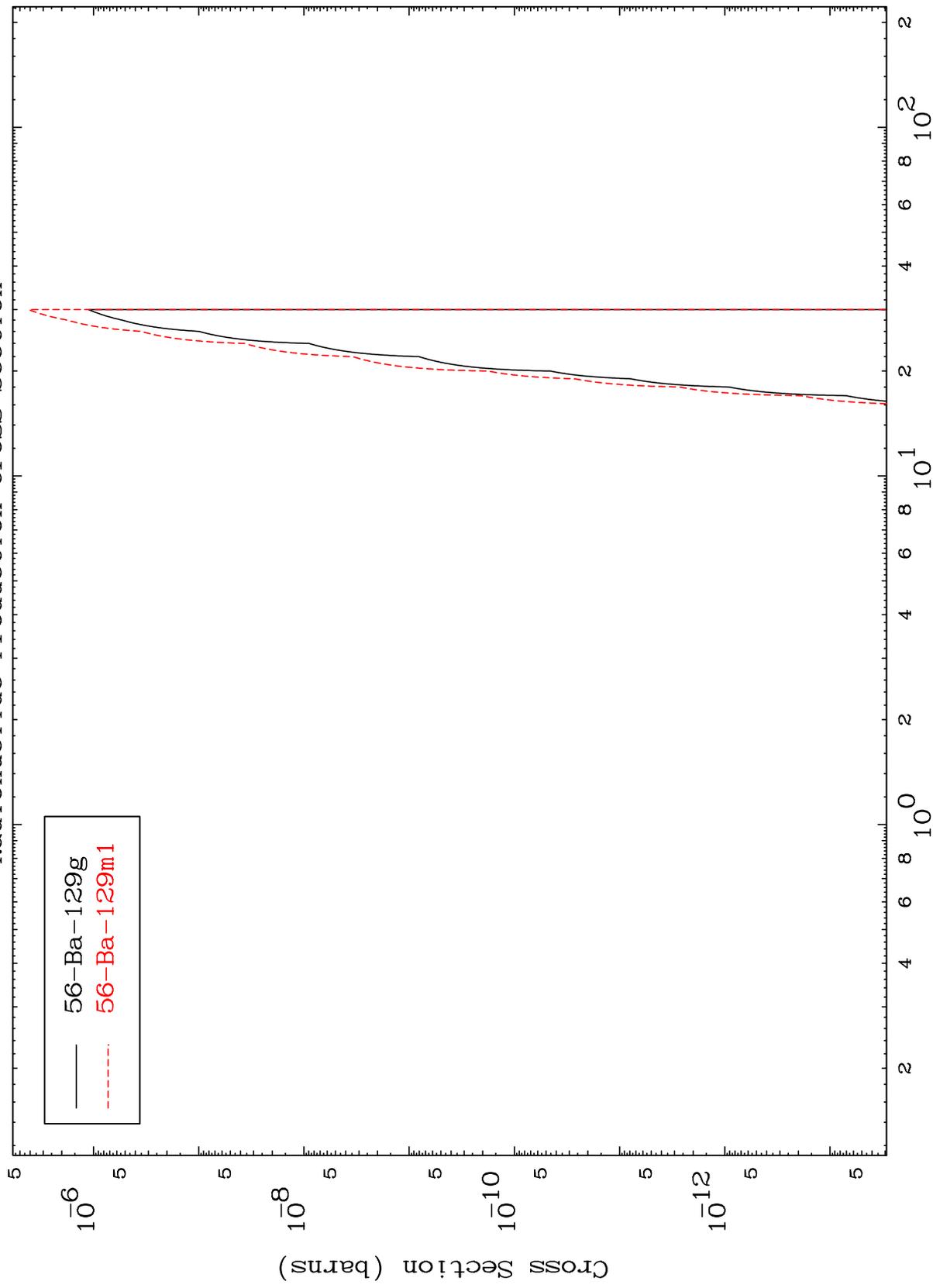


MAT 5817

58-Ce-133

($\alpha, 2\alpha$)

Radionuclide Production Cross Section



17

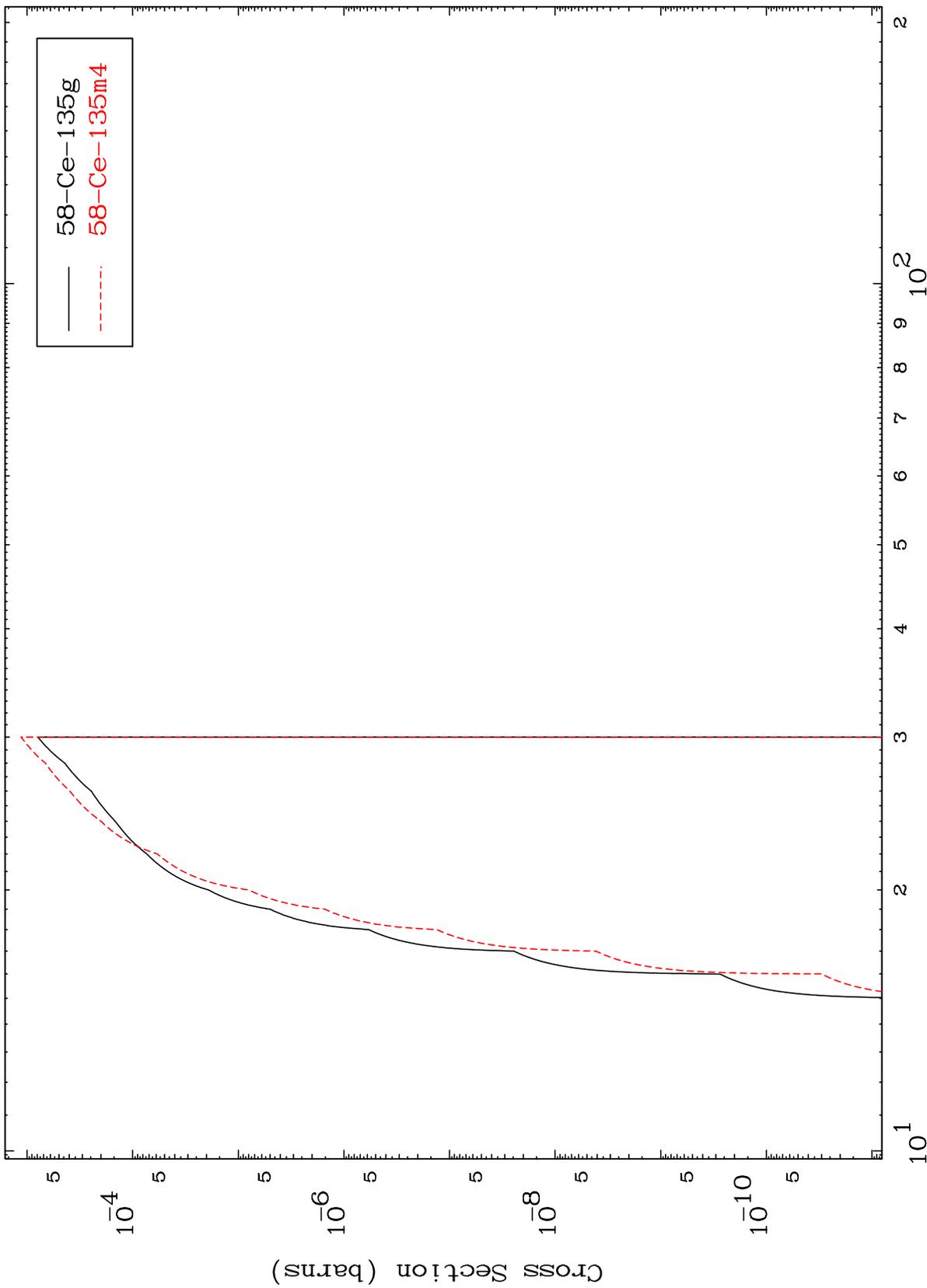
Incident Energy (MeV)

58-Ce-133

MAT 5817

58-Ce-133

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



58-Ce-133

Incident Energy (MeV)

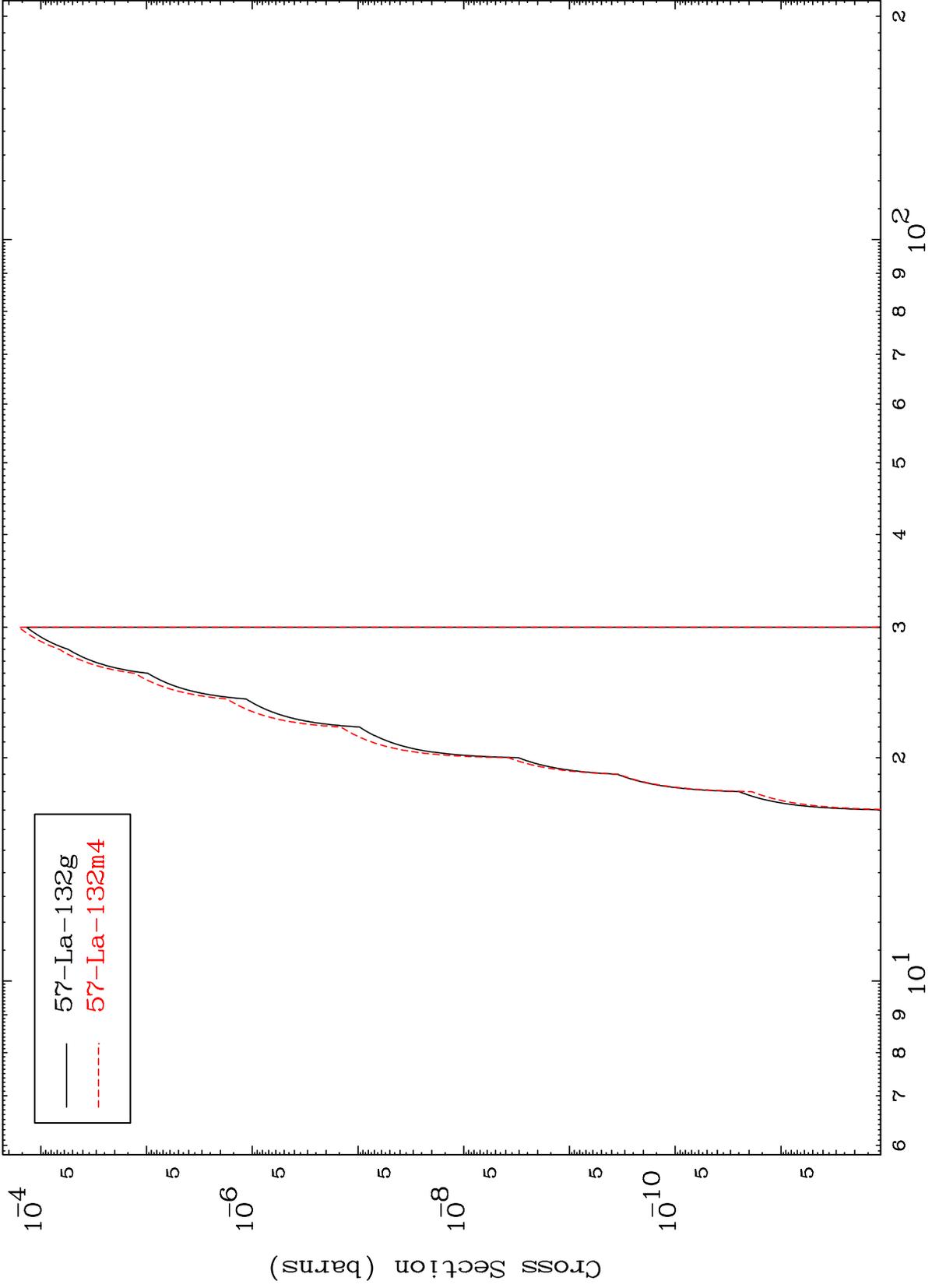
18

MAT 5817

(α, p) α

58-Ce-133

Radionuclide Production Cross Section



19

Incident Energy (MeV)

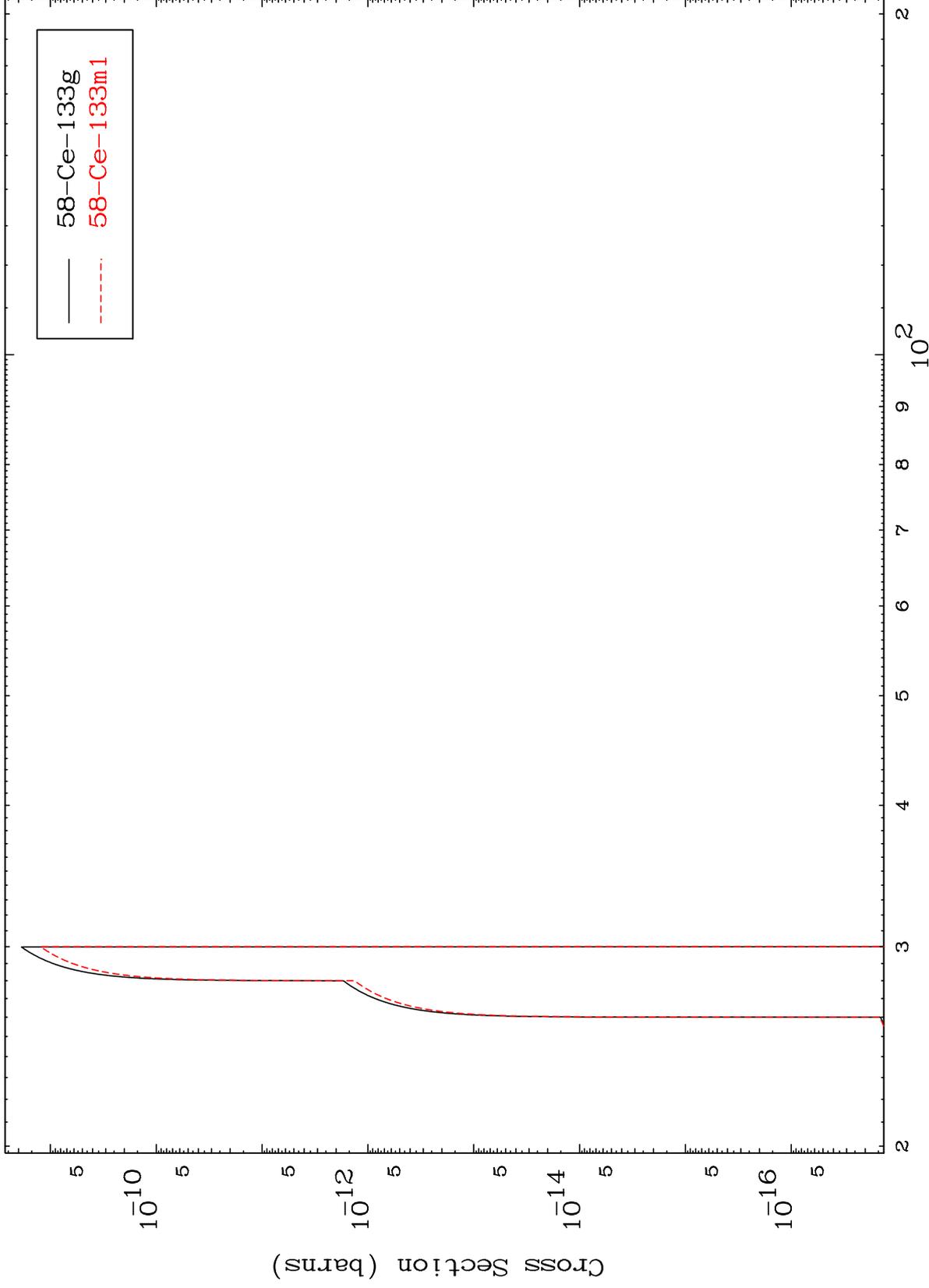
58-Ce-133

MAT 5817

(α, p) t

58-Ce-133

Radionuclide Production Cross Section



20

Incident Energy (MeV)

58-Ce-133