

Program EVALPLOT
(Version 2021-1)

by

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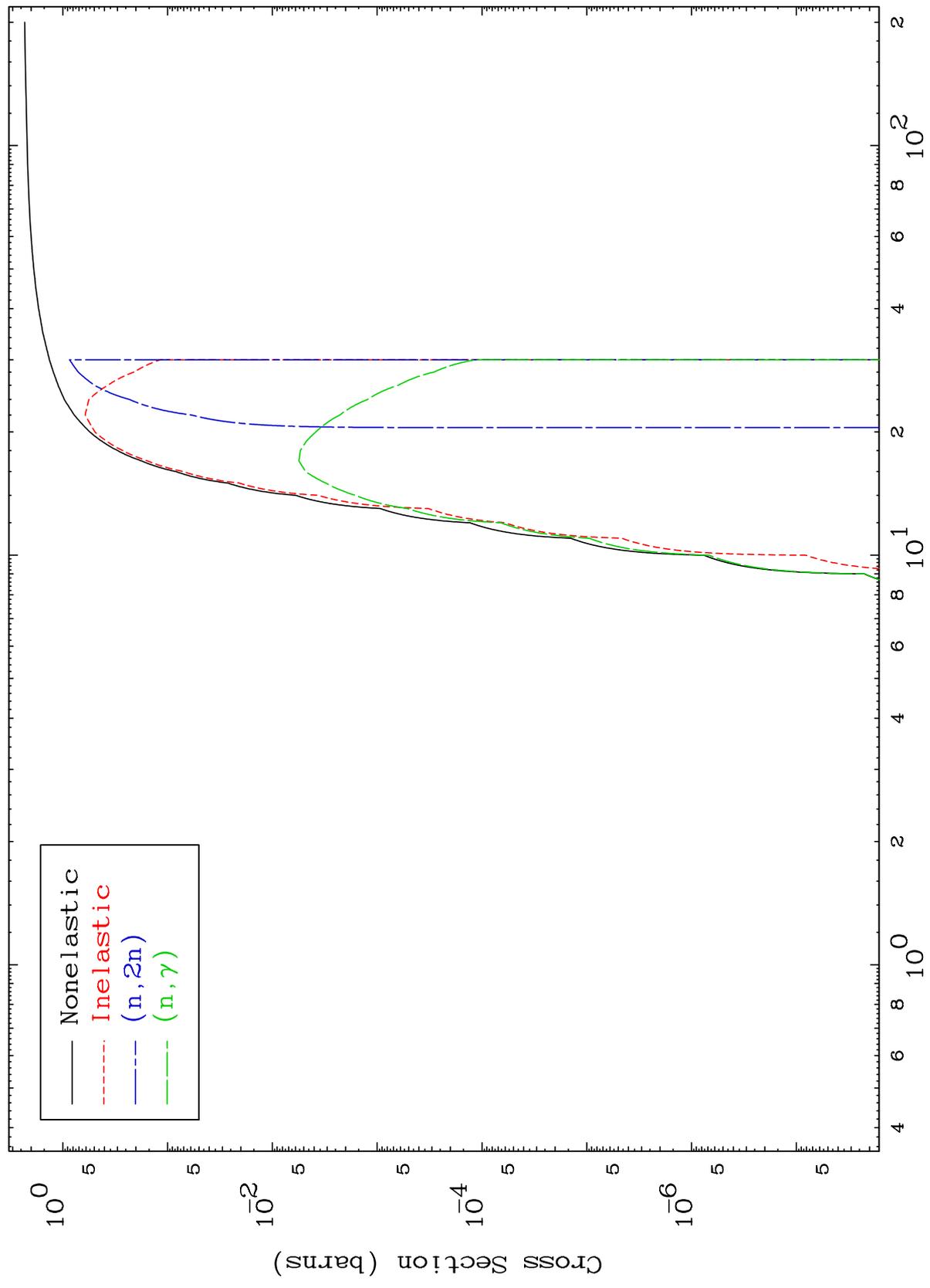
Press Mouse Button to Start

MAT 5817

0 Kelvin

Major Cross Sections

58-Ce-133m



1

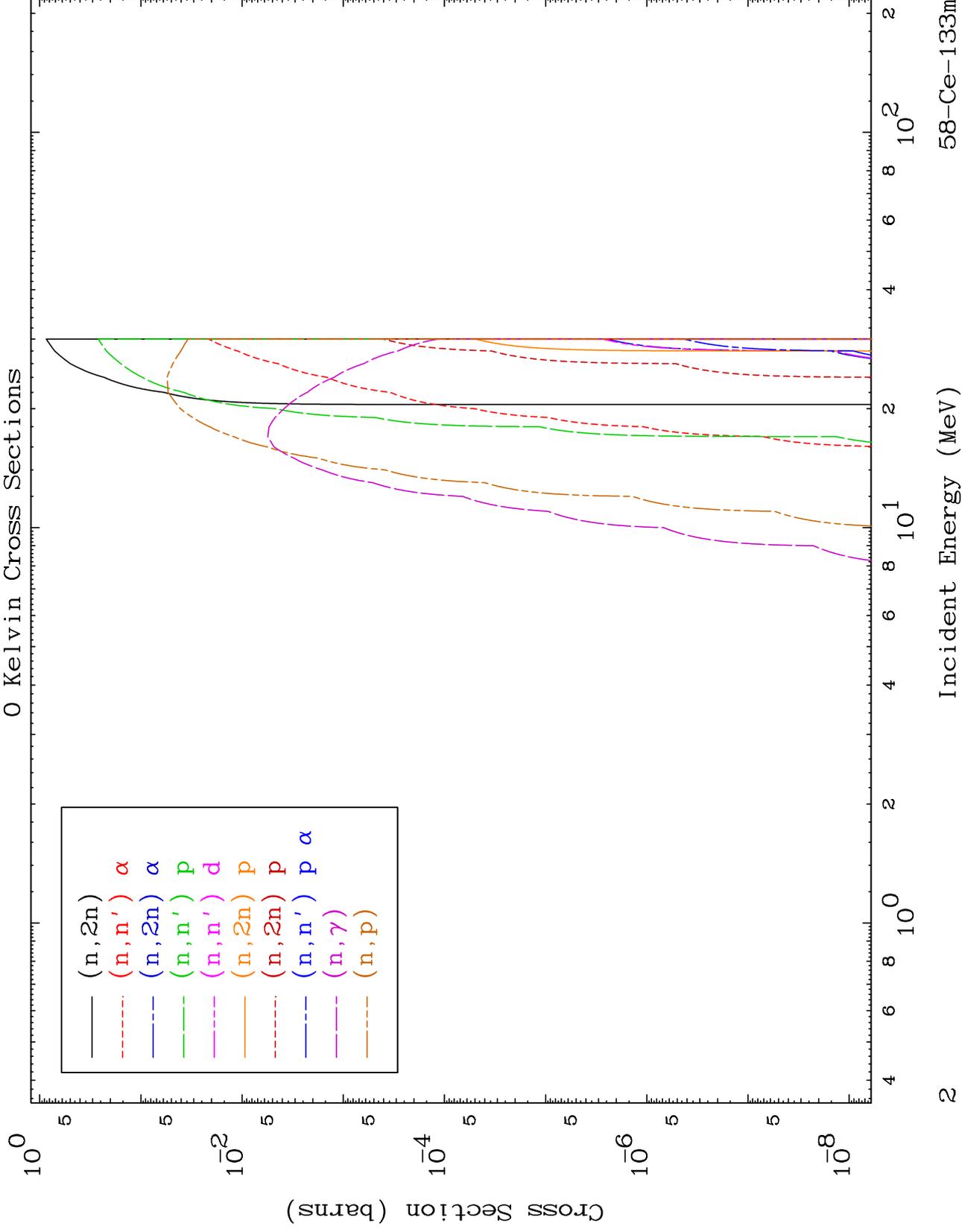
Incident Energy (MeV)

58-Ce-133m

MAT 5817

α Neutron Absorption

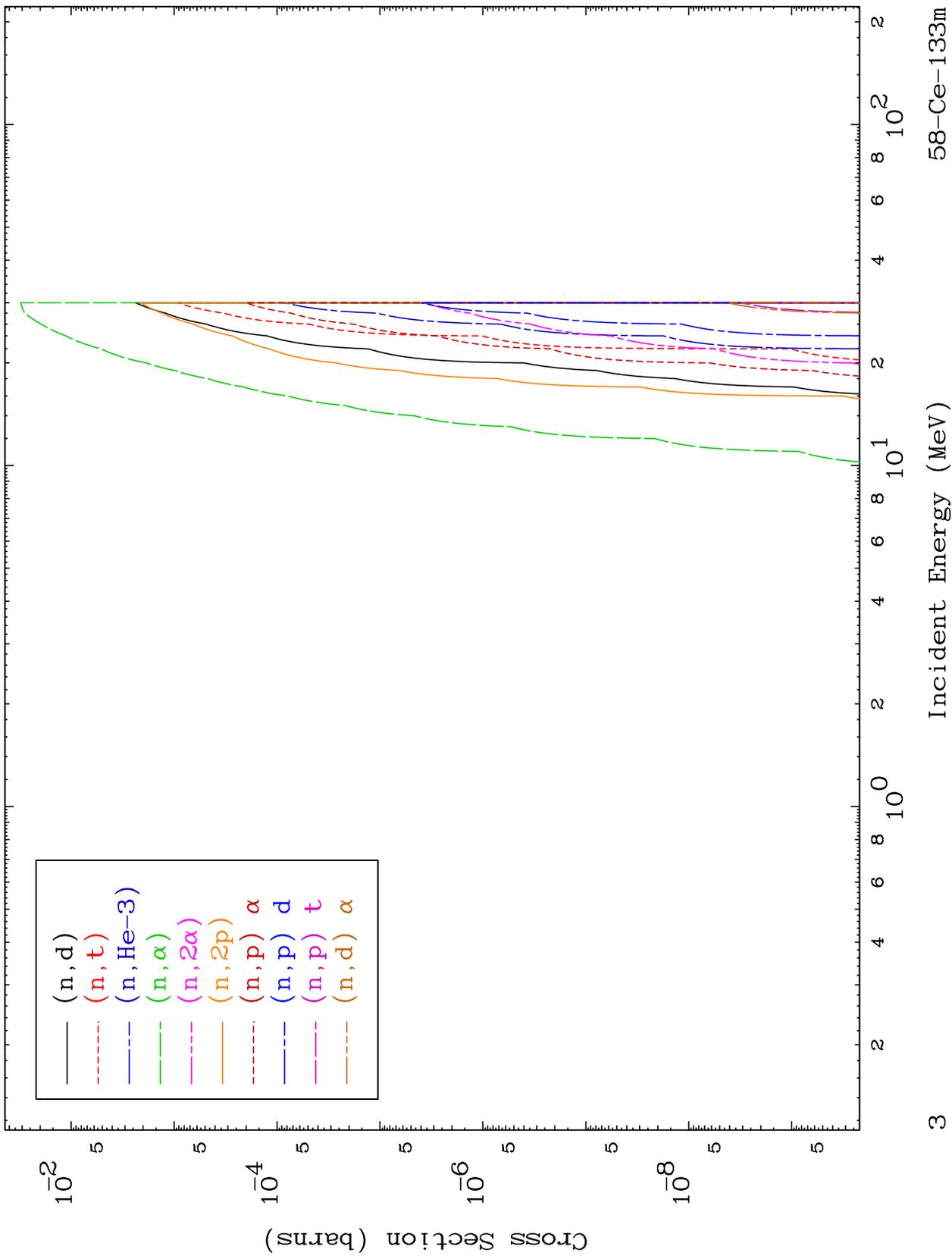
58-Ce-133m

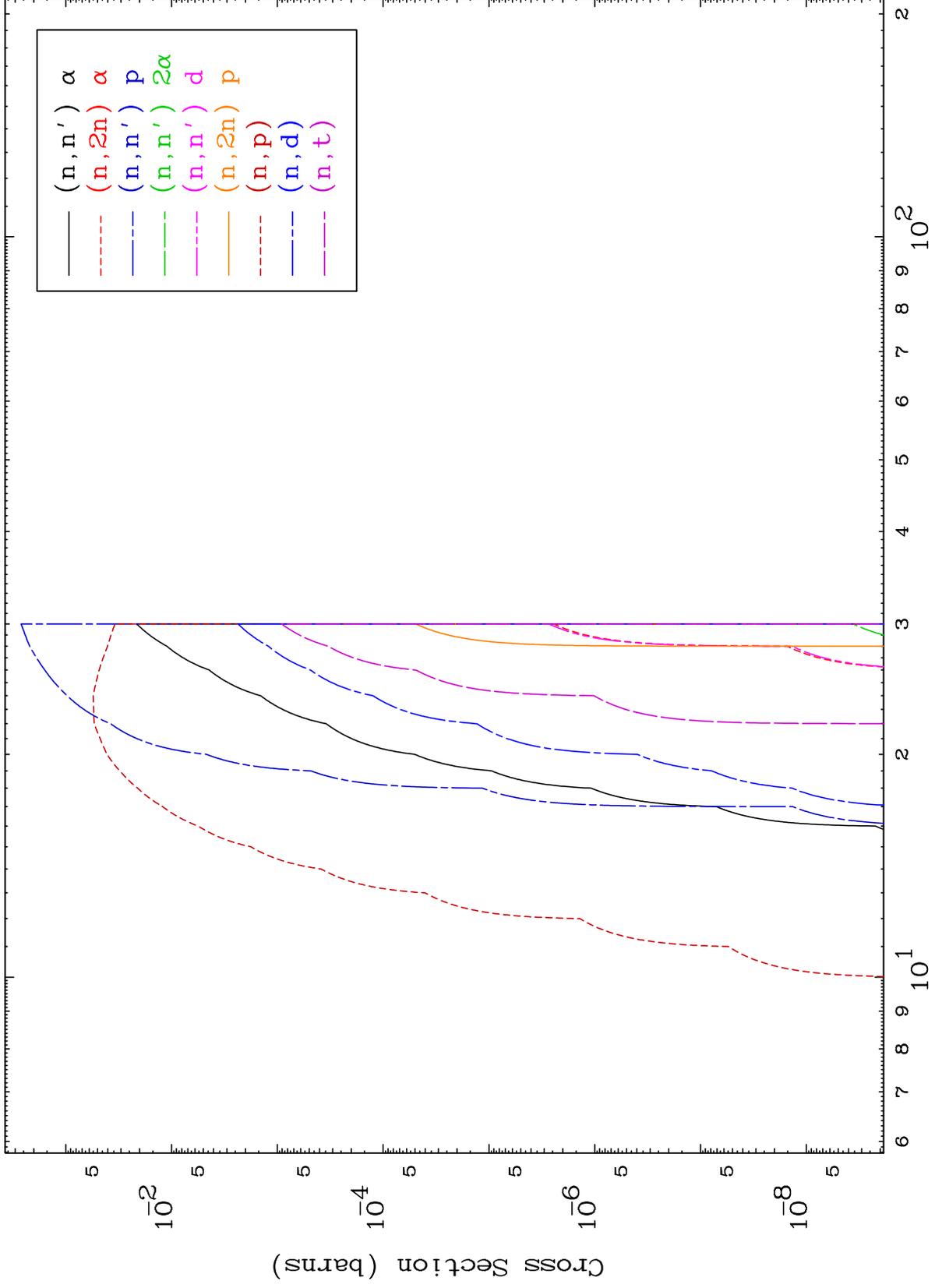


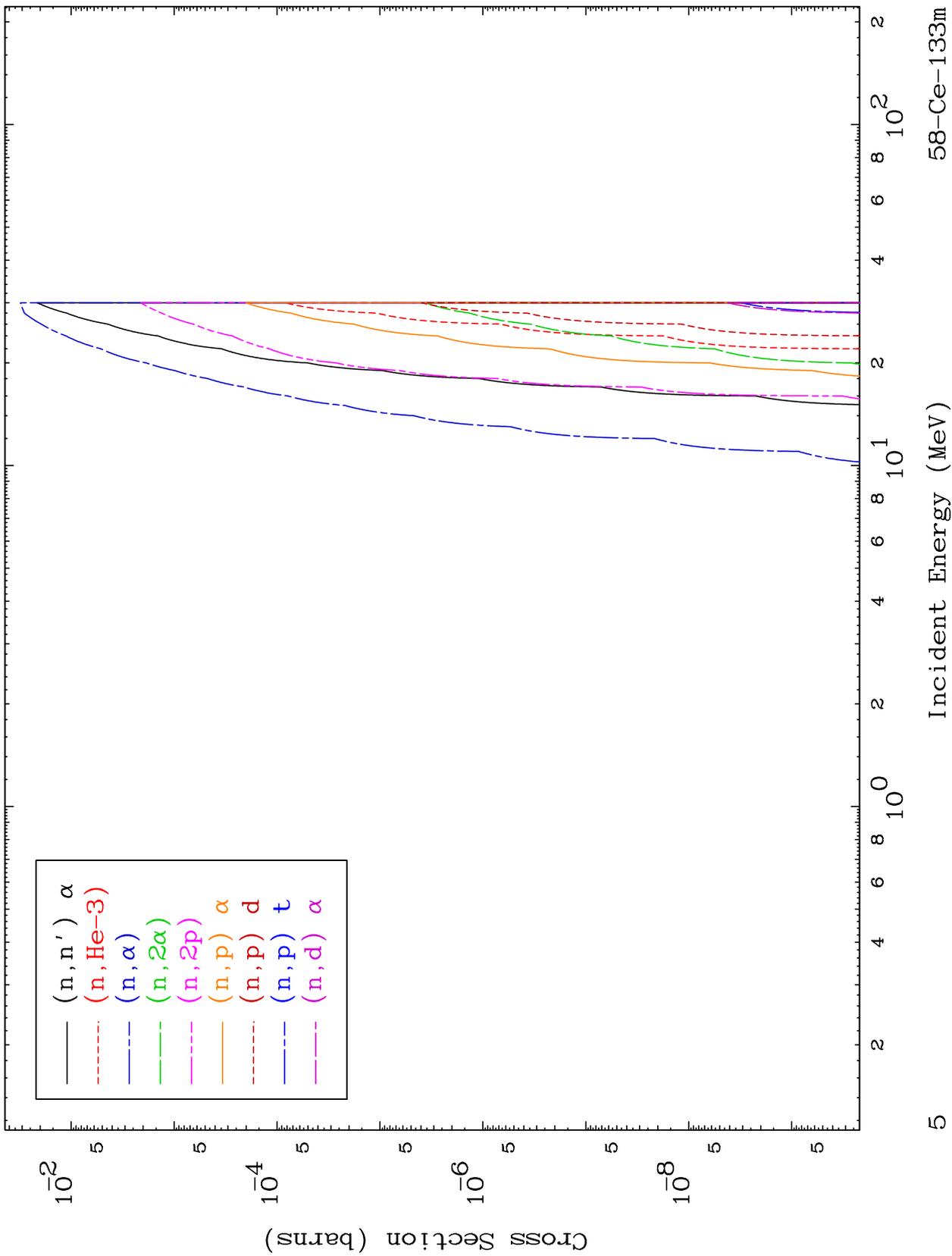
MAT 5817

α Neutron Absorption
0 Kelvin Cross Sections

58-Ce-133m





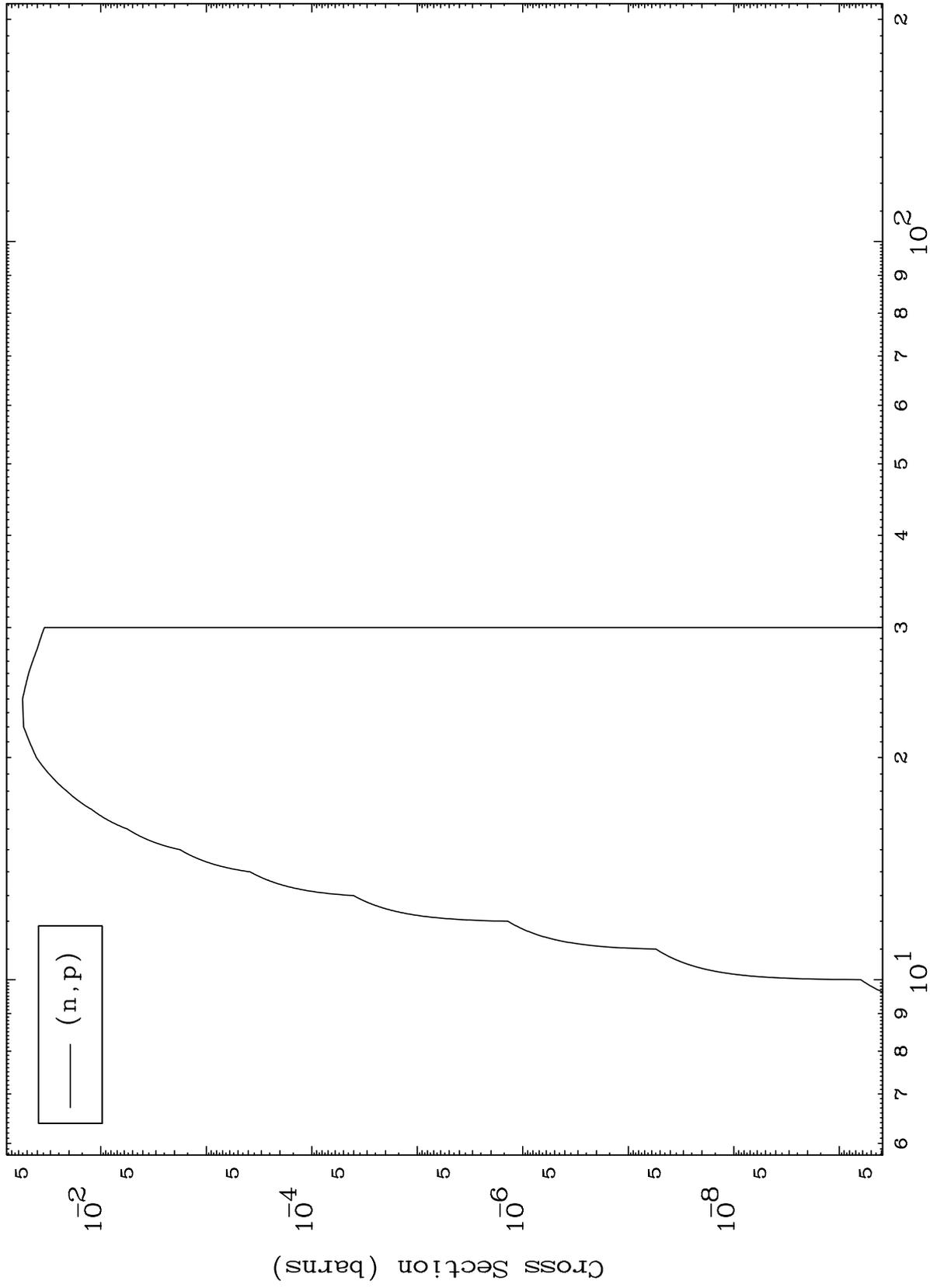


MAT 5817

(α, p) Levels

58-Ce-133m

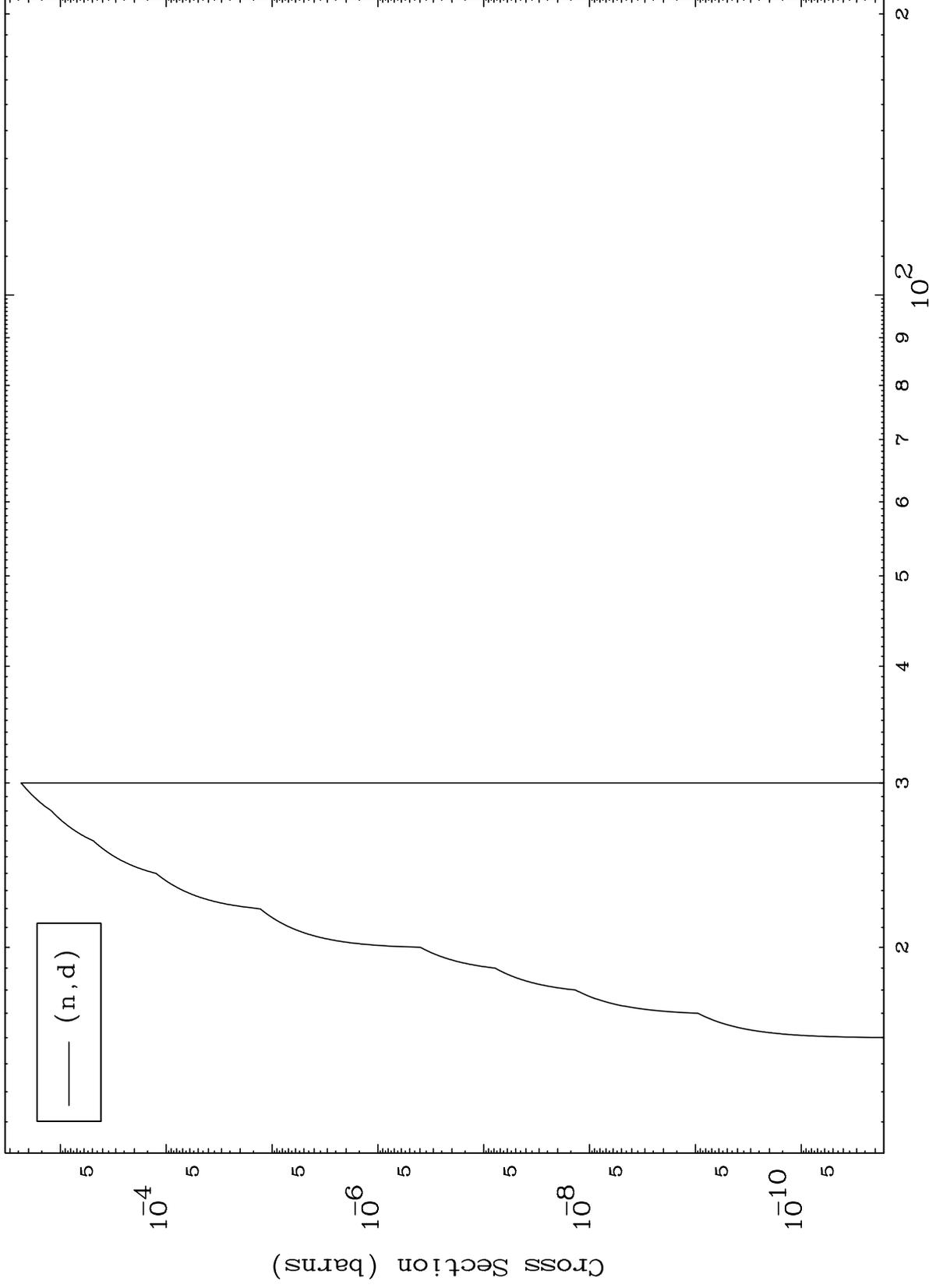
0 Kelvin Cross Sections



6

Incident Energy (MeV)

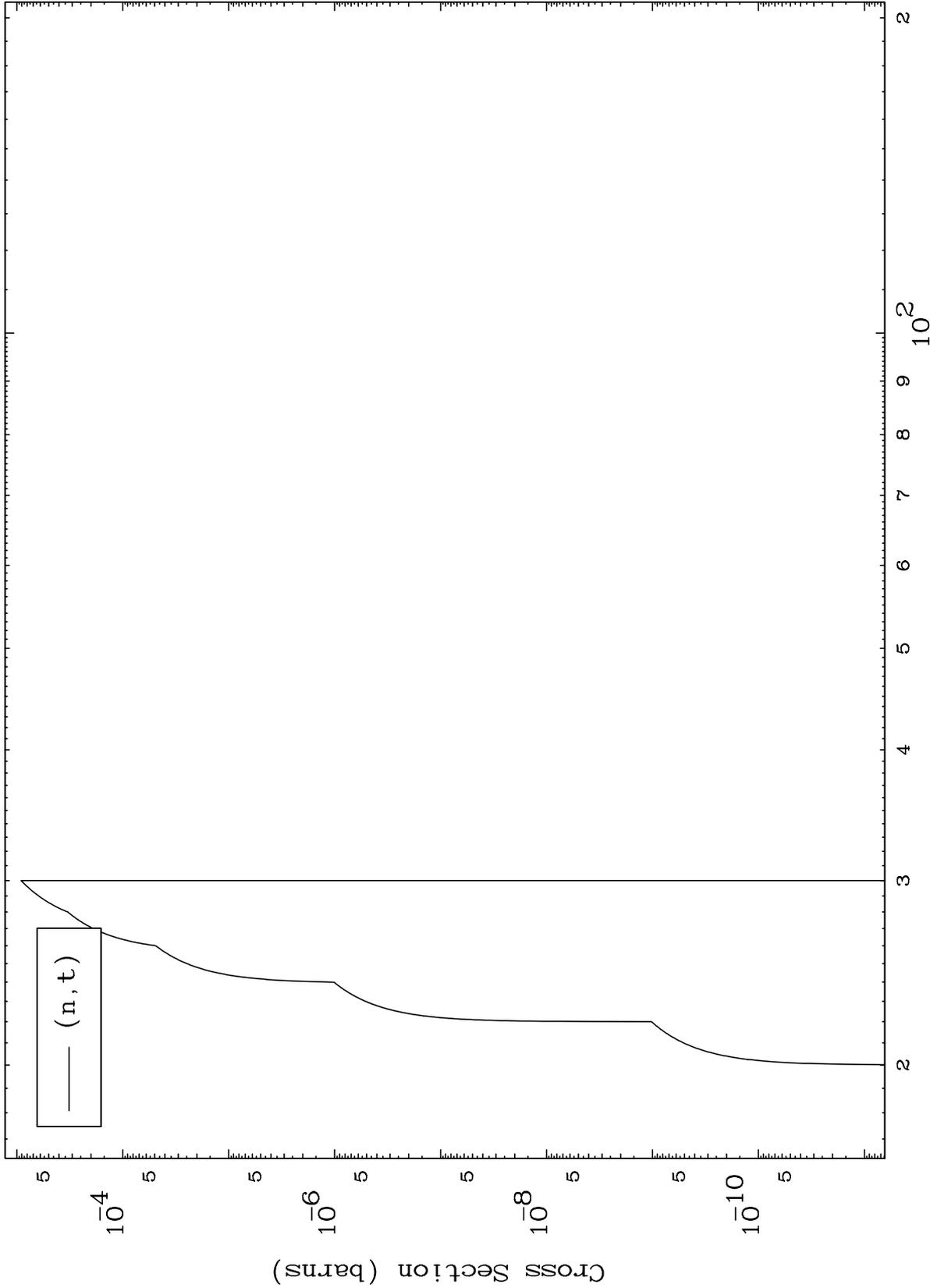
58-Ce-133m



MAT 5817

(α, t) Levels
0 Kelvin Cross Sections

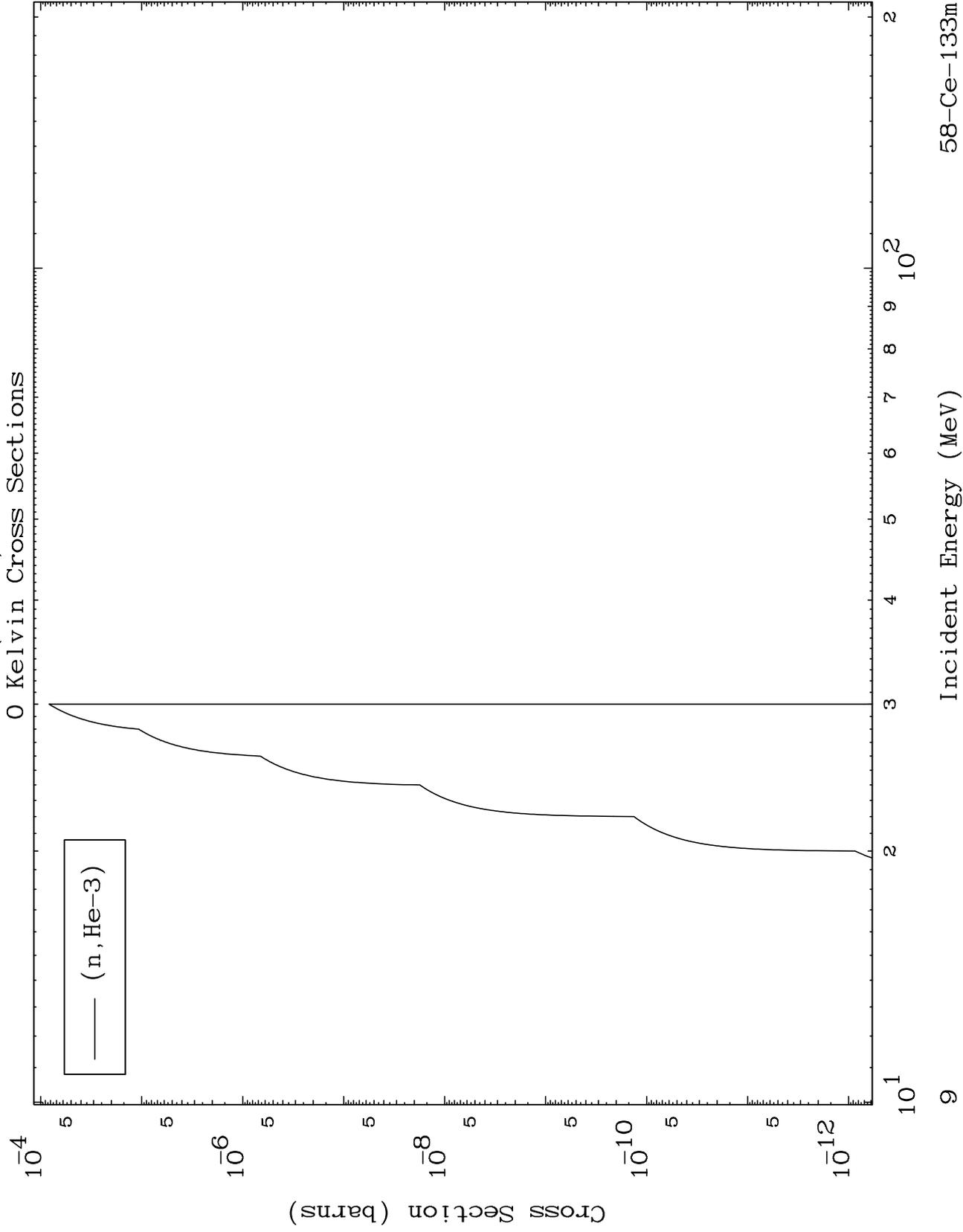
58-Ce-133m



MAT 5817

($\alpha, \text{He}3$) Levels

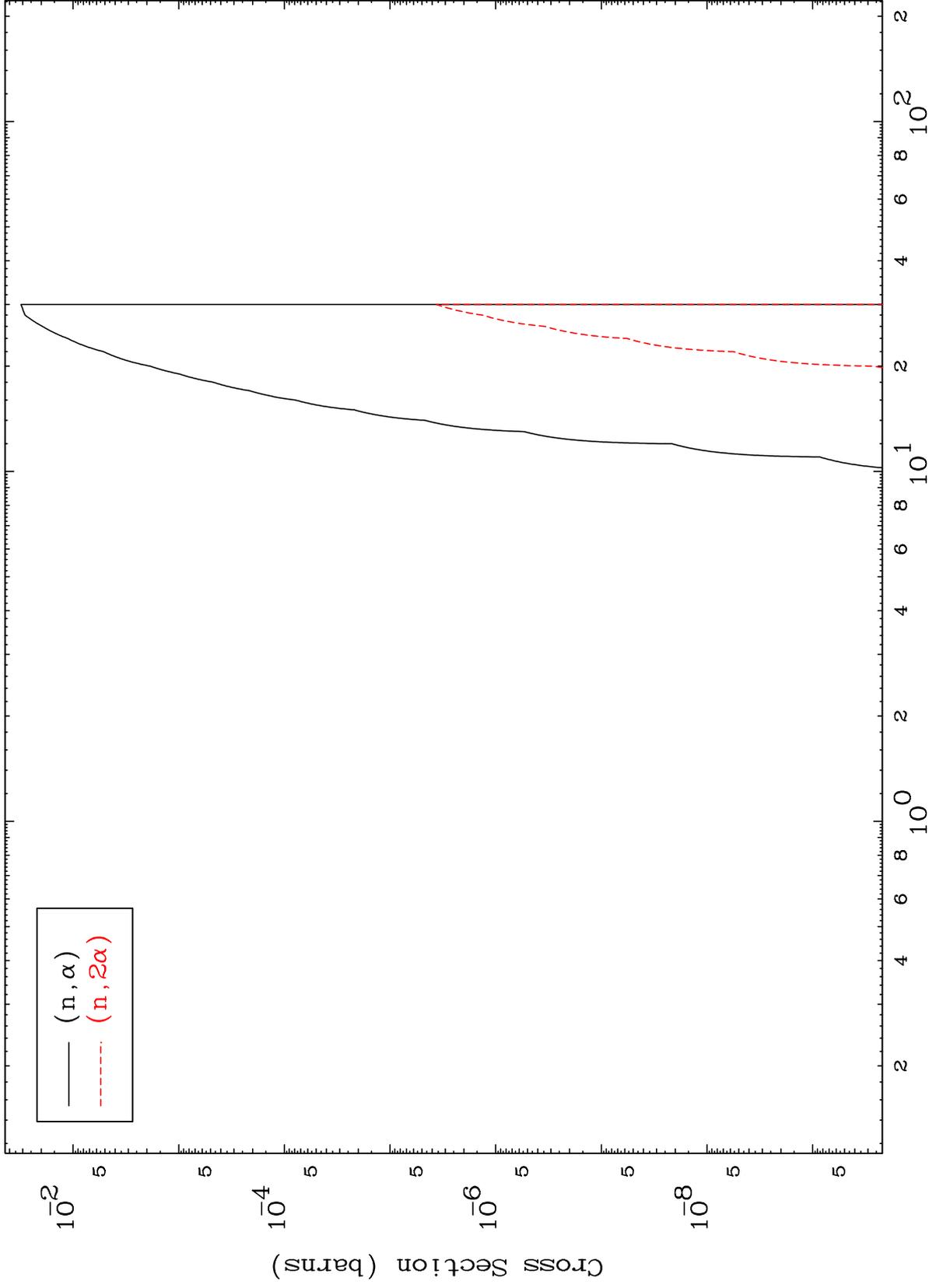
58-Ce-133m



MAT 5817

(α, α) Levels
0 Kelvin Cross Sections

58-Ce-133m



10

Incident Energy (MeV)

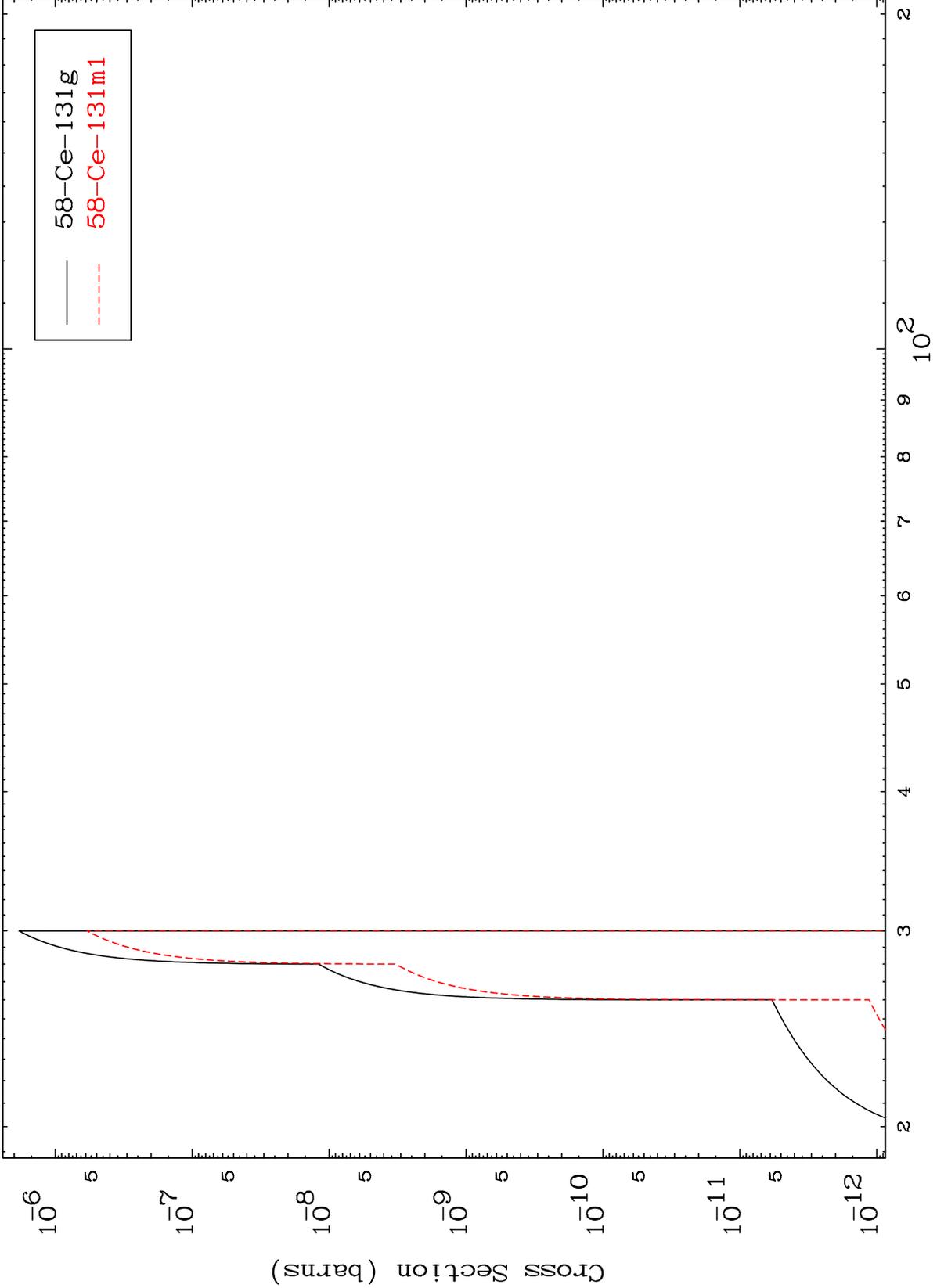
58-Ce-133m

MAT 5817

(n,2n) α

58-Ce-133m

Radionuclide Production Cross Section



11

Incident Energy (MeV)

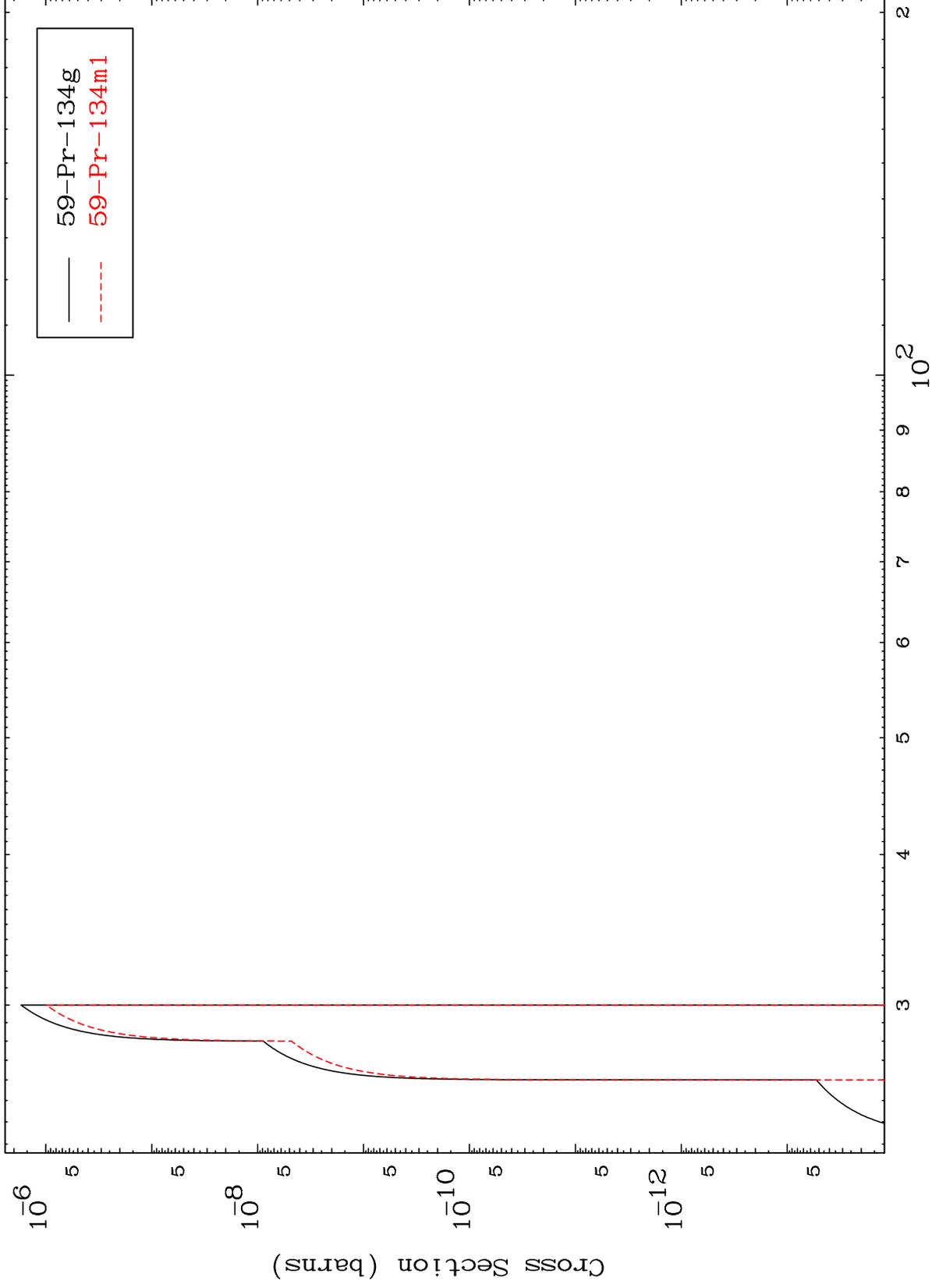
58-Ce-133m

MAT 5817

(n,n') d

58-Ce-133m

Radionuclide Production Cross Section



12

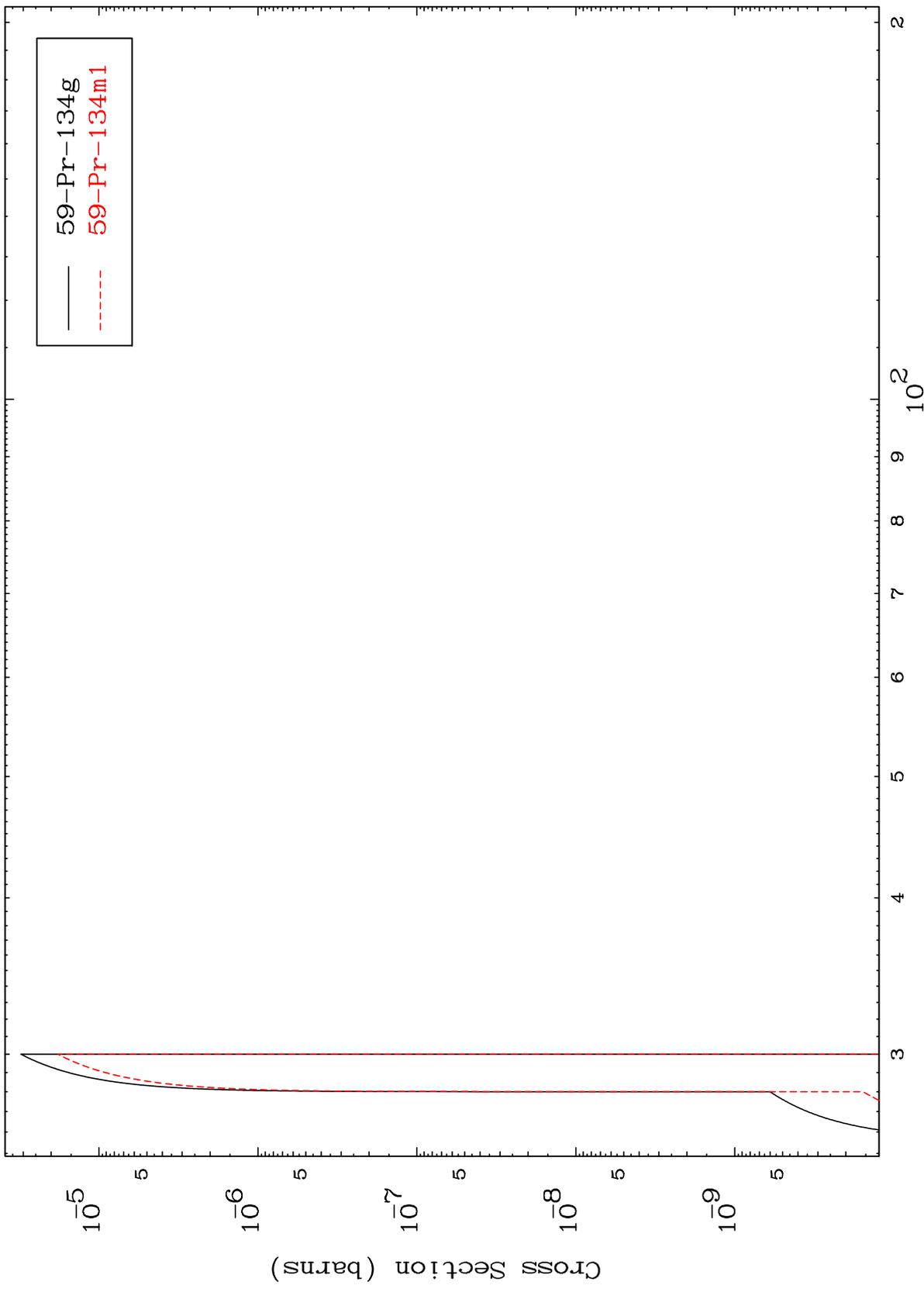
Incident Energy (MeV)

58-Ce-133m

MAT 5817

58-Ce-133m

(n,2n) p
Radionuclide Production Cross Section



58-Ce-133m

Incident Energy (MeV)

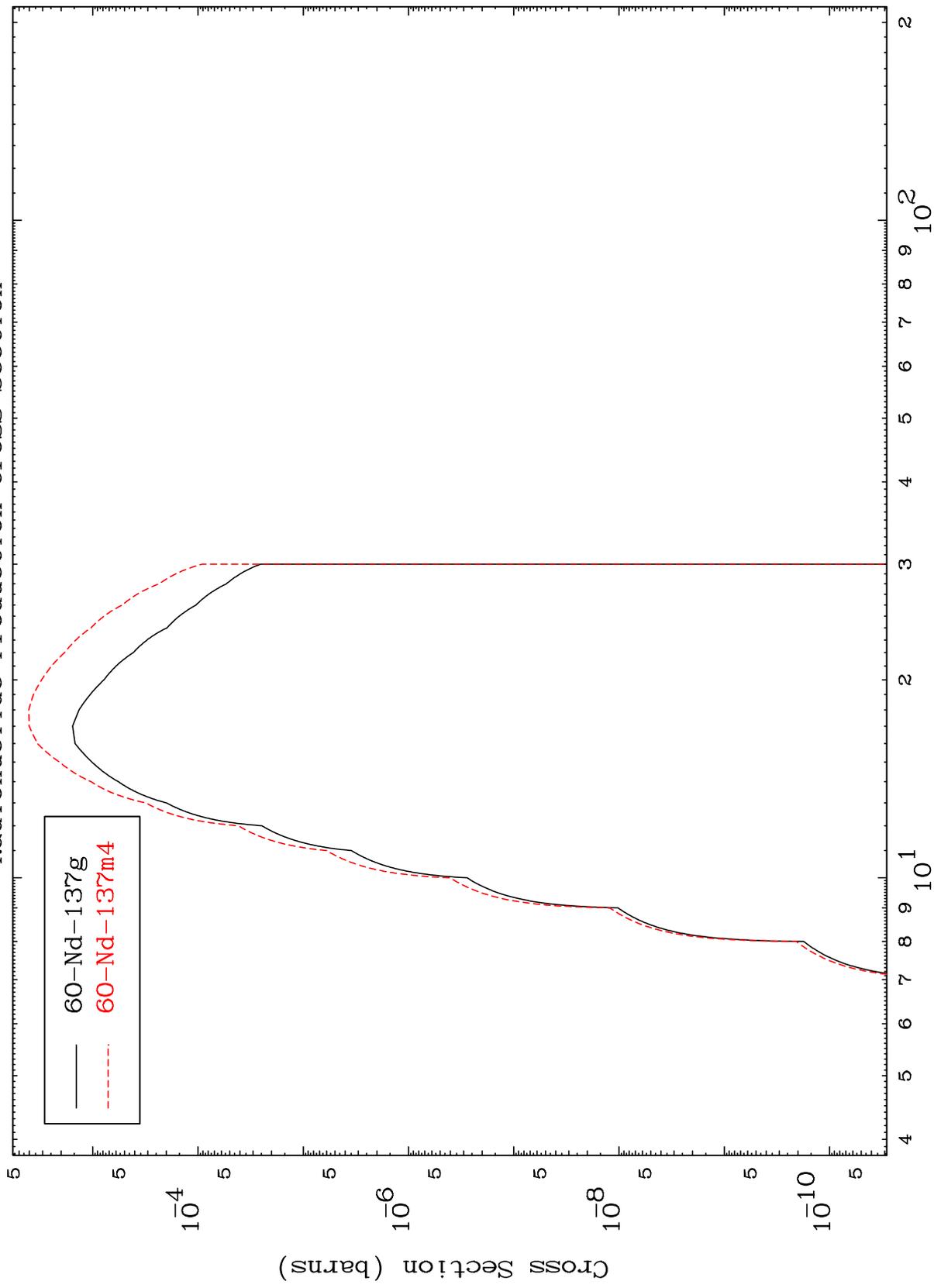
13

MAT 5817

58-Ce-133m

Radionuclide Production Cross Section

(n, γ)



58-Ce-133m

Incident Energy (MeV)

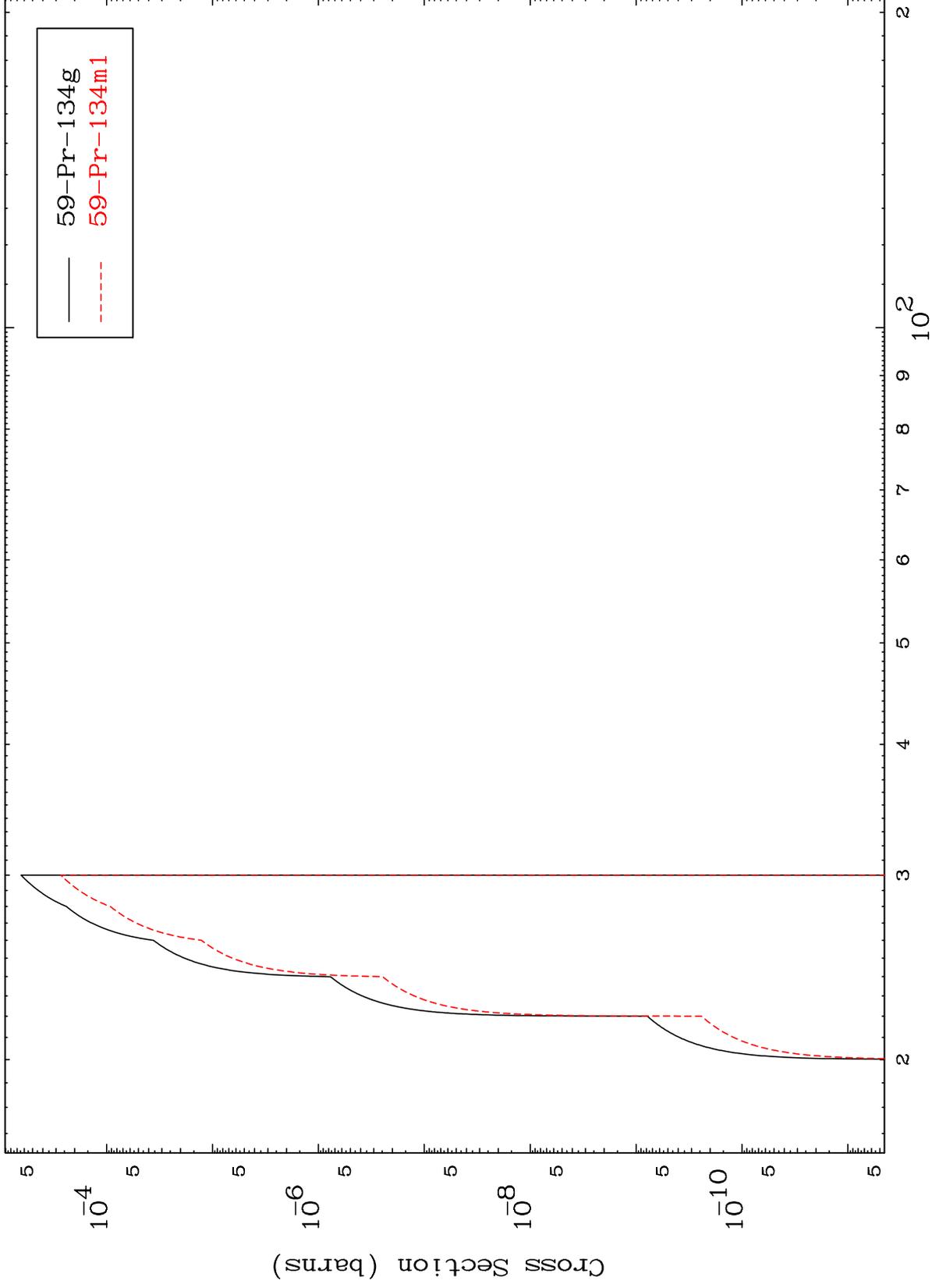
14

MAT 5817

(n, t)

58-Ce-133m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

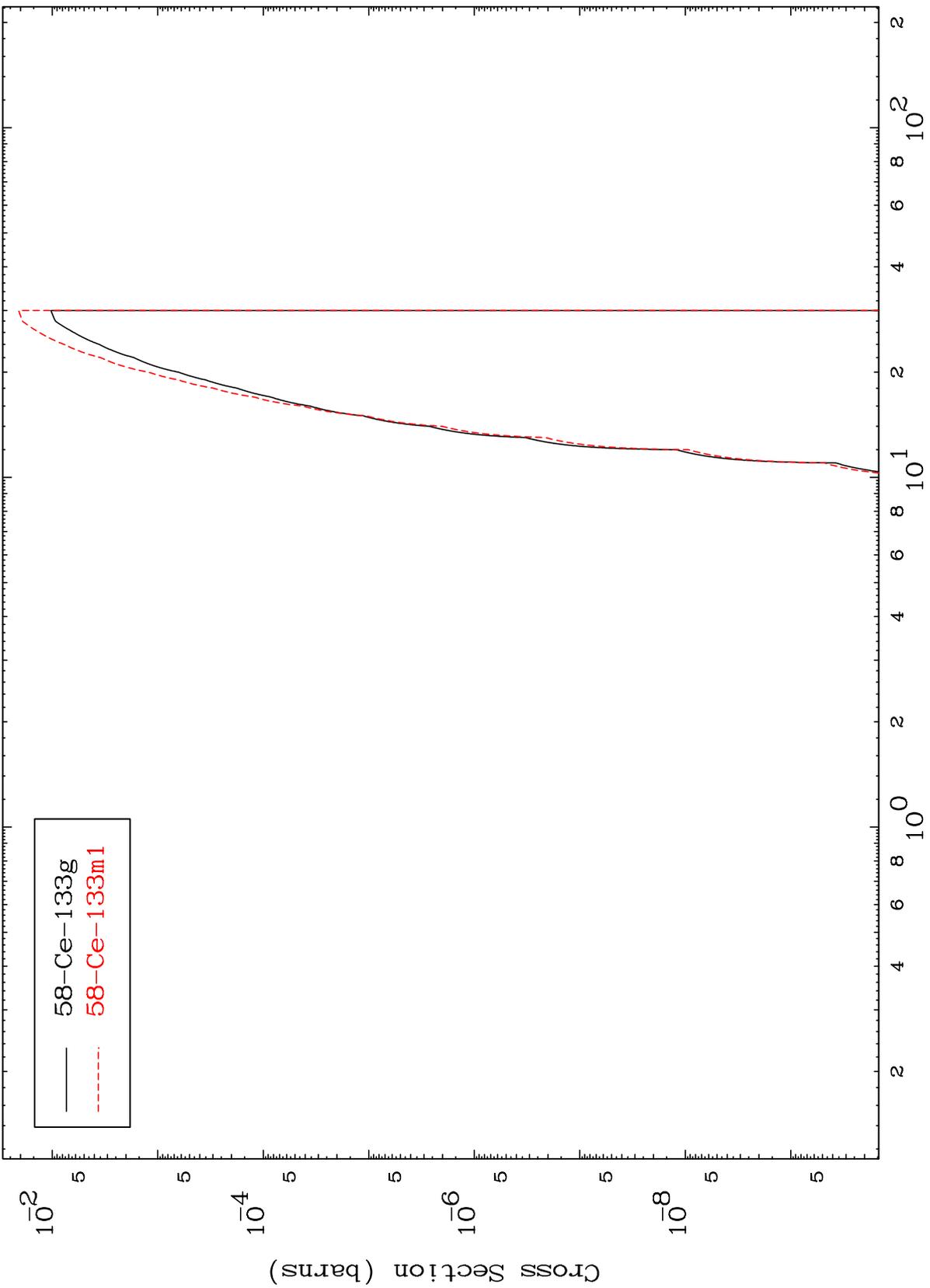
58-Ce-133m

MAT 5817

(n, α)

58-Ce-133m

Radionuclide Production Cross Section



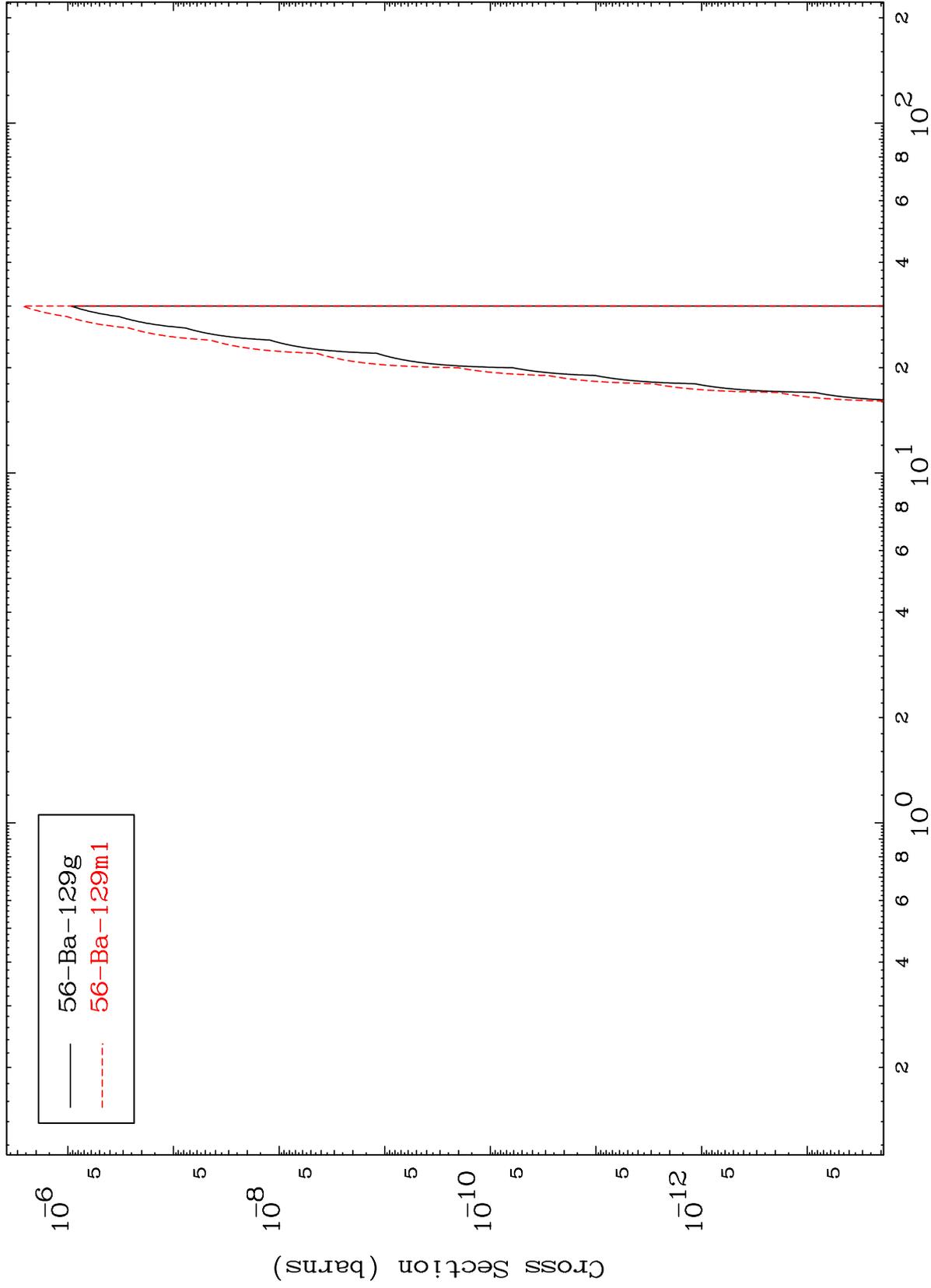
58-Ce-133g
58-Ce-133m1

MAT 5817

(n,2α)

58-Ce-133m

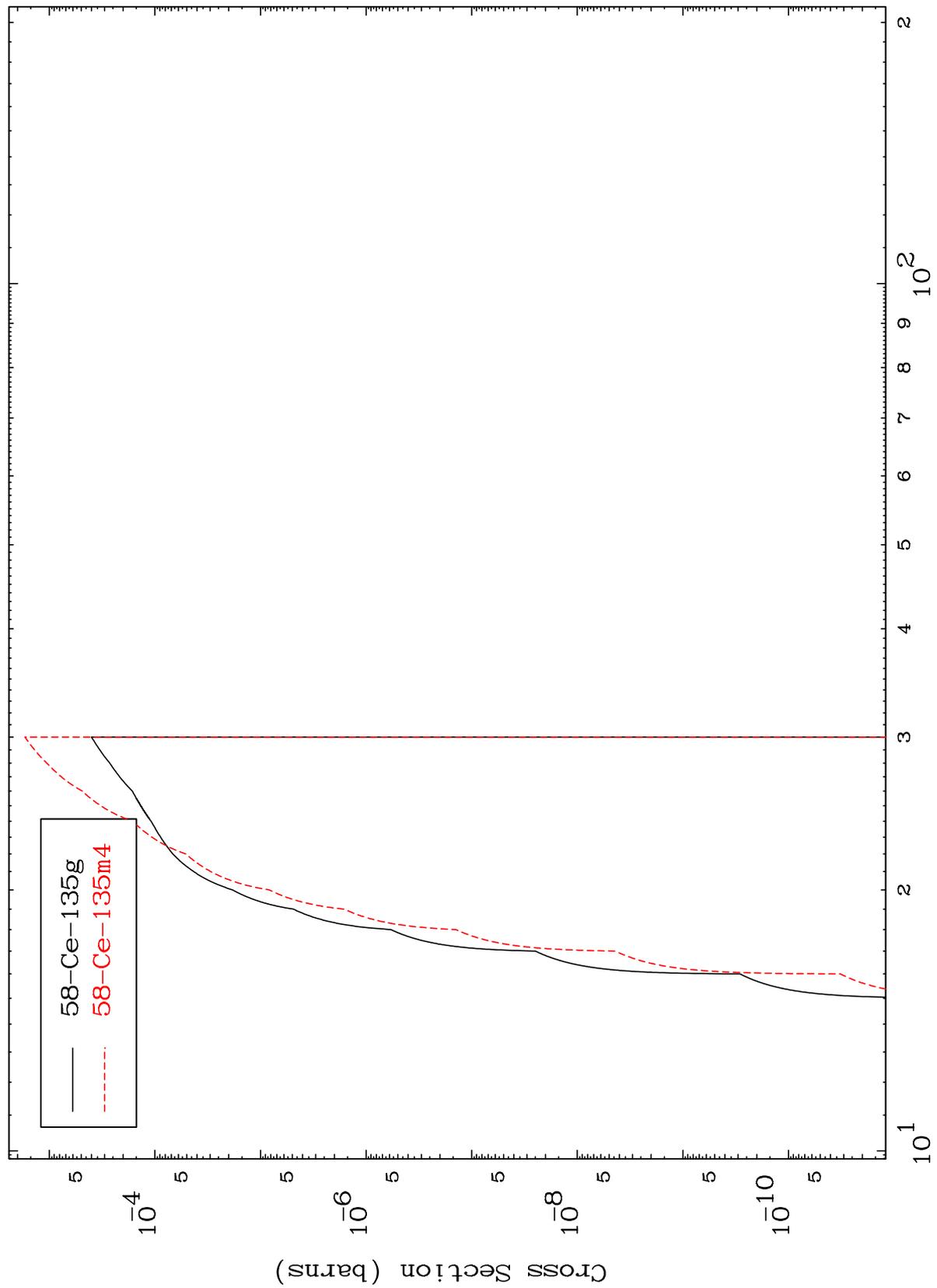
Radionuclide Production Cross Section



MAT 5817

58-Ce-133m

(n,2p)
Radionuclide Production Cross Section



58-Ce-133m

Incident Energy (MeV)

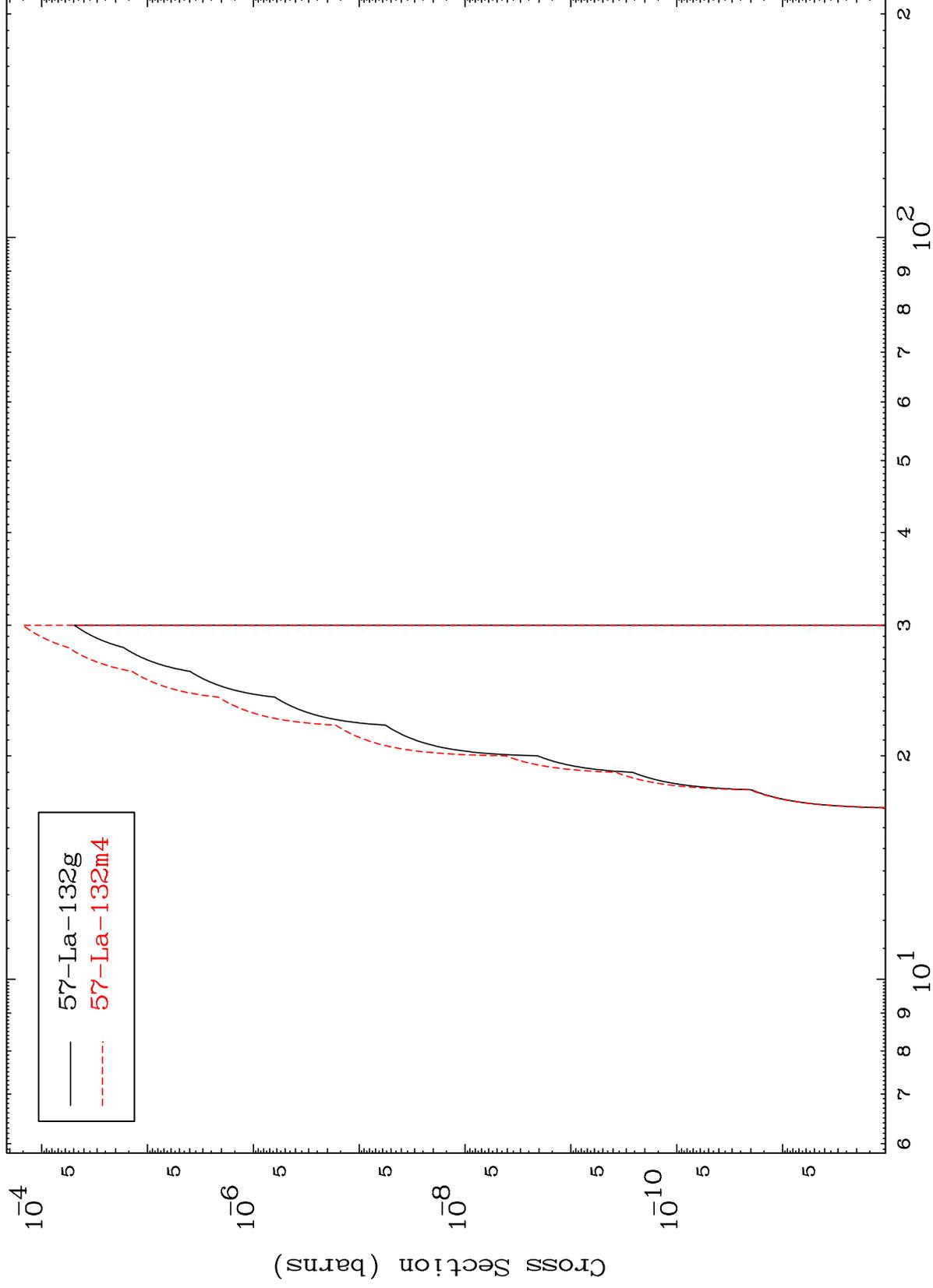
18

MAT 5817

(n,p) α

58-Ce-133m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

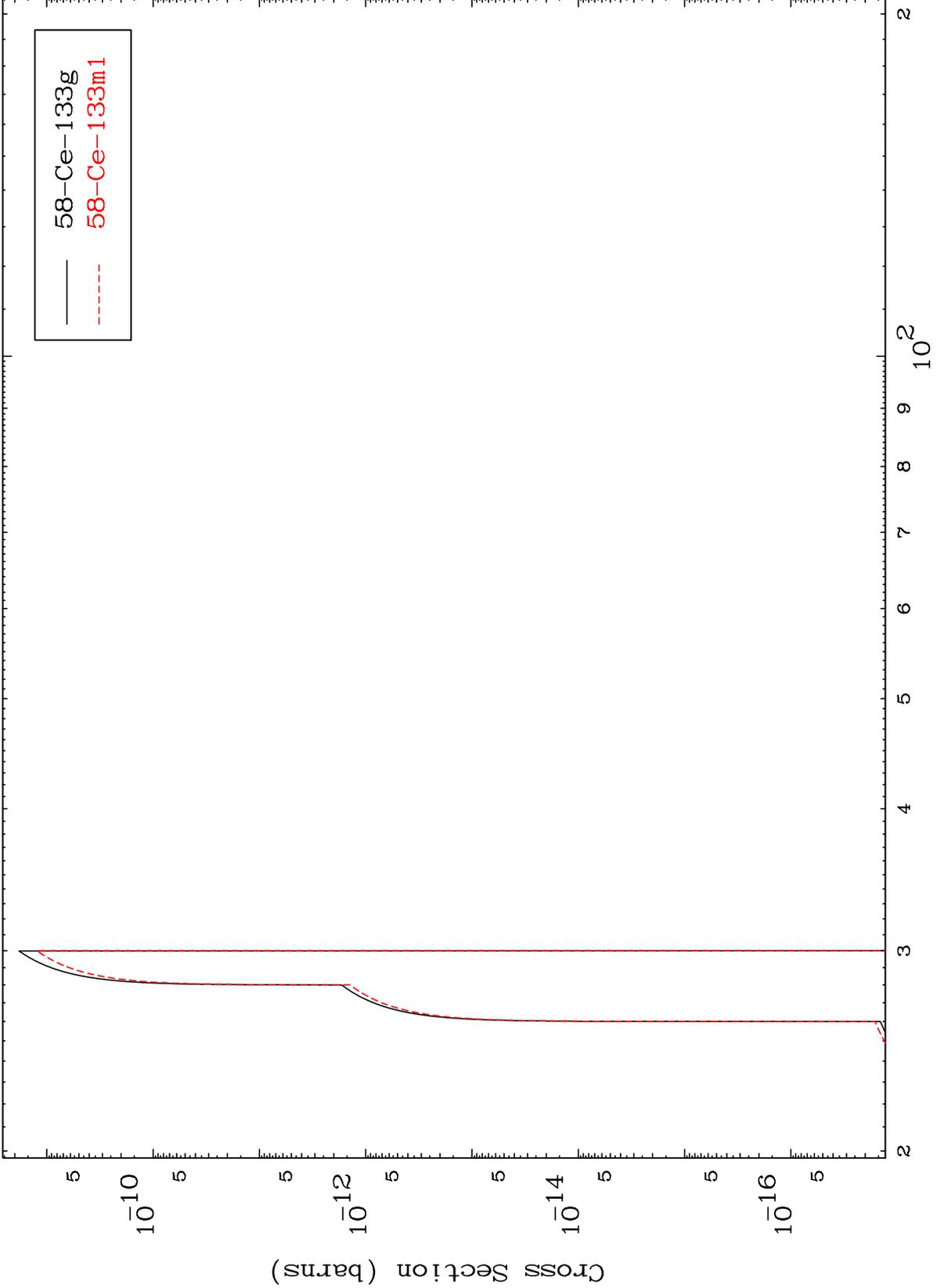
58-Ce-133m

MAT 5817

(n,p) t

58-Ce-133m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

58-Ce-133m