

Program EVALPLOT
(Version 2021-1)

by

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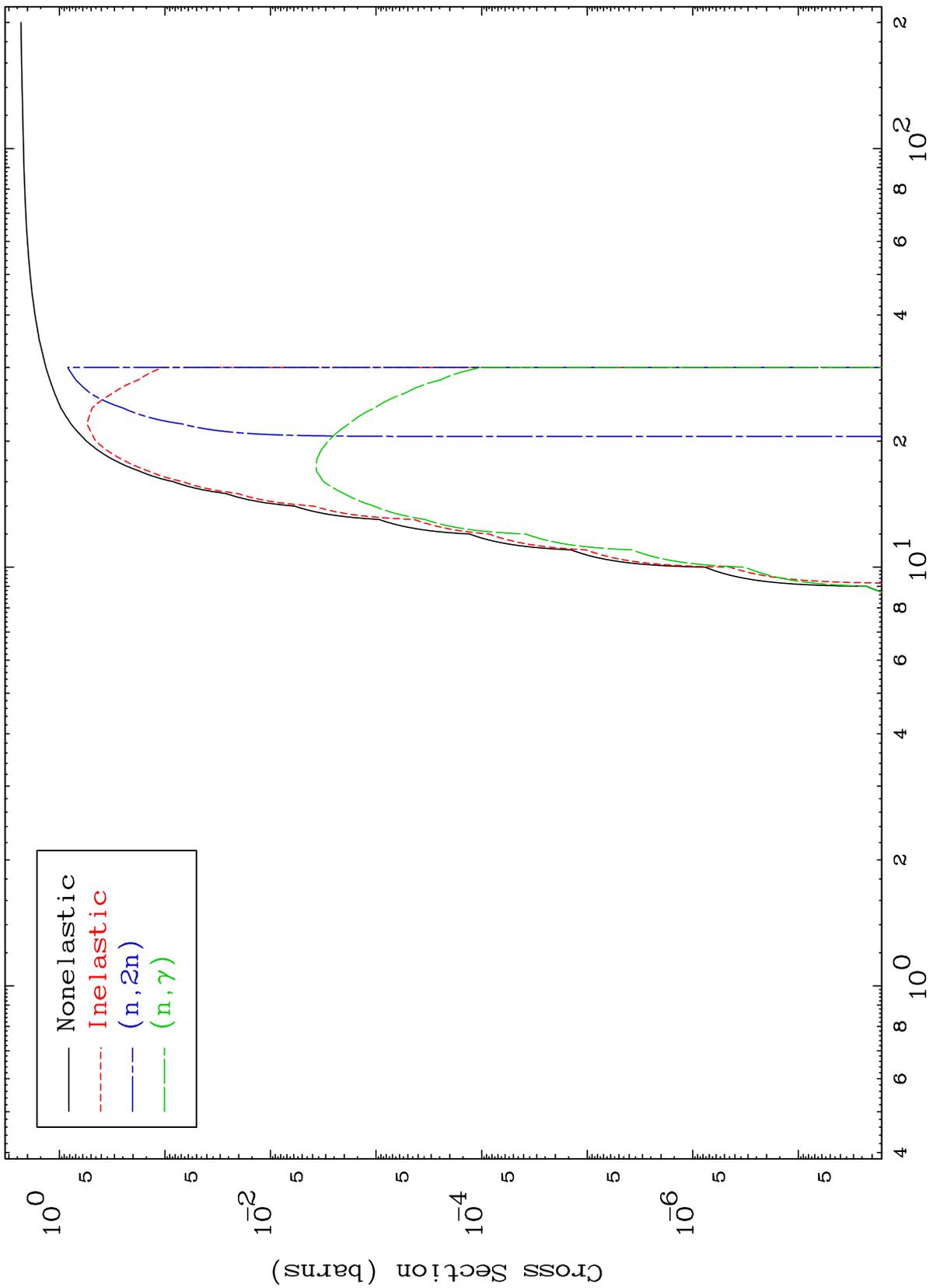
Press Mouse Button to Start

MAT 5816

0 Kelvin

Major Cross Sections

58-Ce-133



1

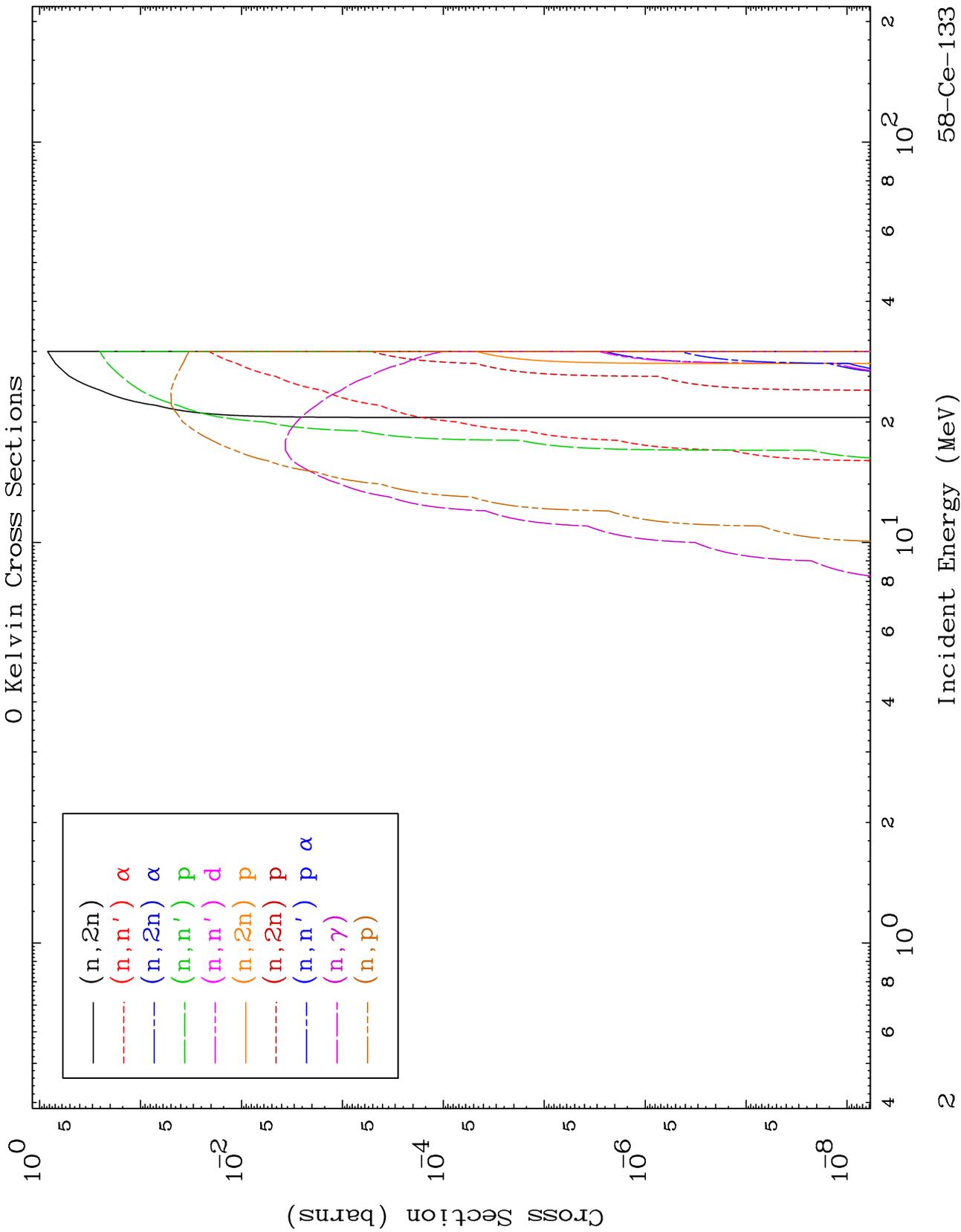
Incident Energy (MeV)

58-Ce-133

MAT 5816

α Neutron Absorption

58-Ce-133



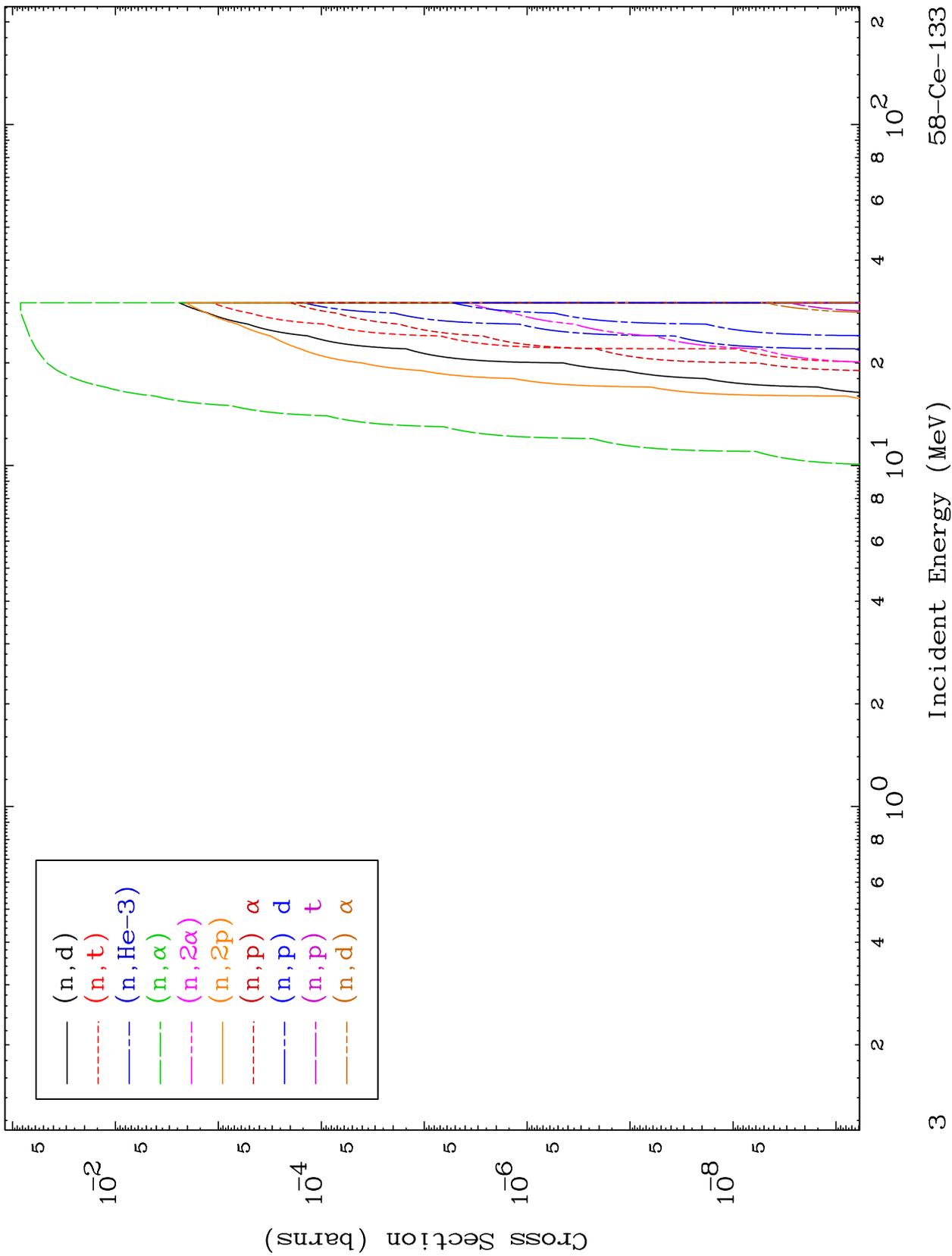
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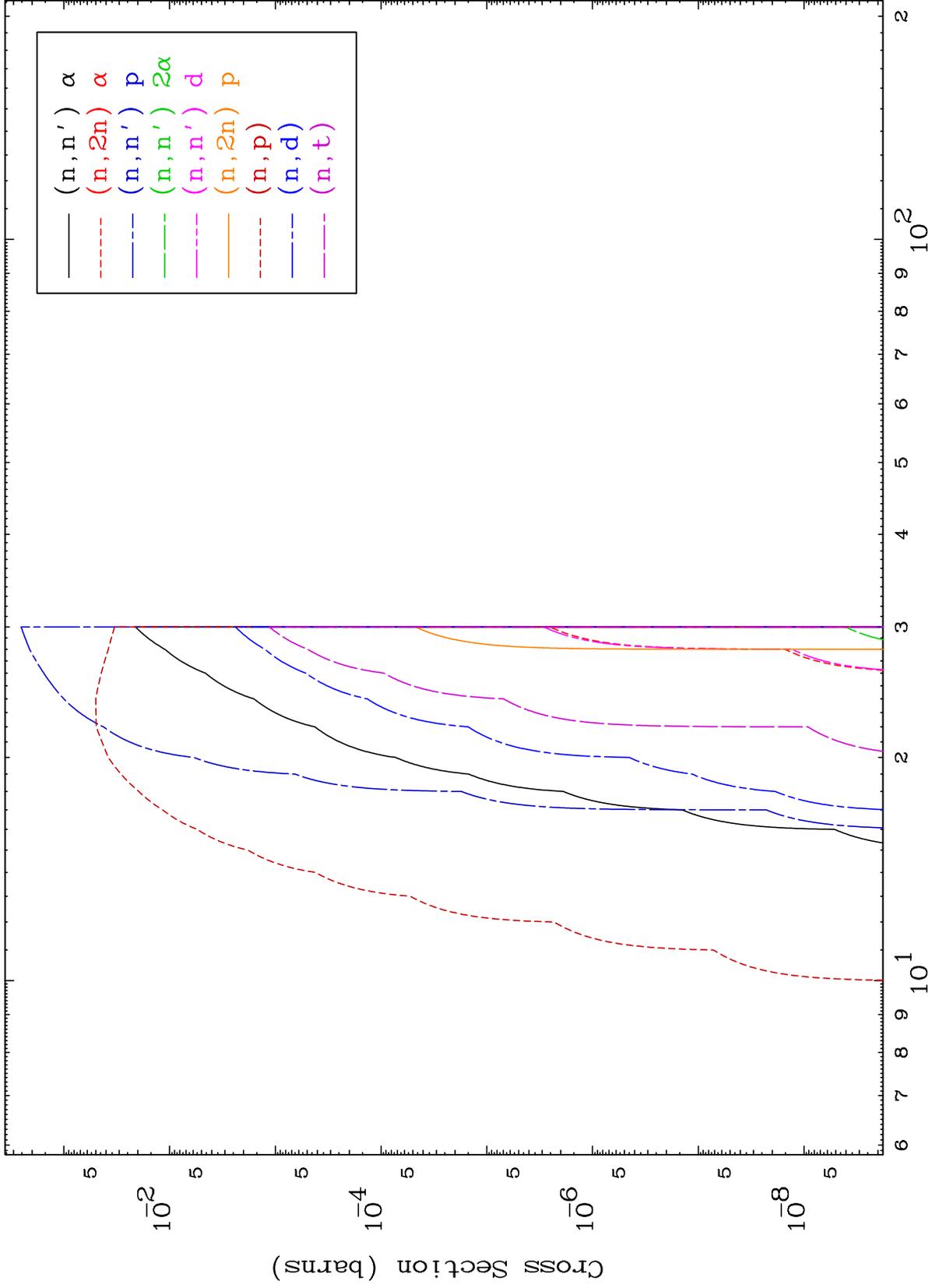
58-Ce-133

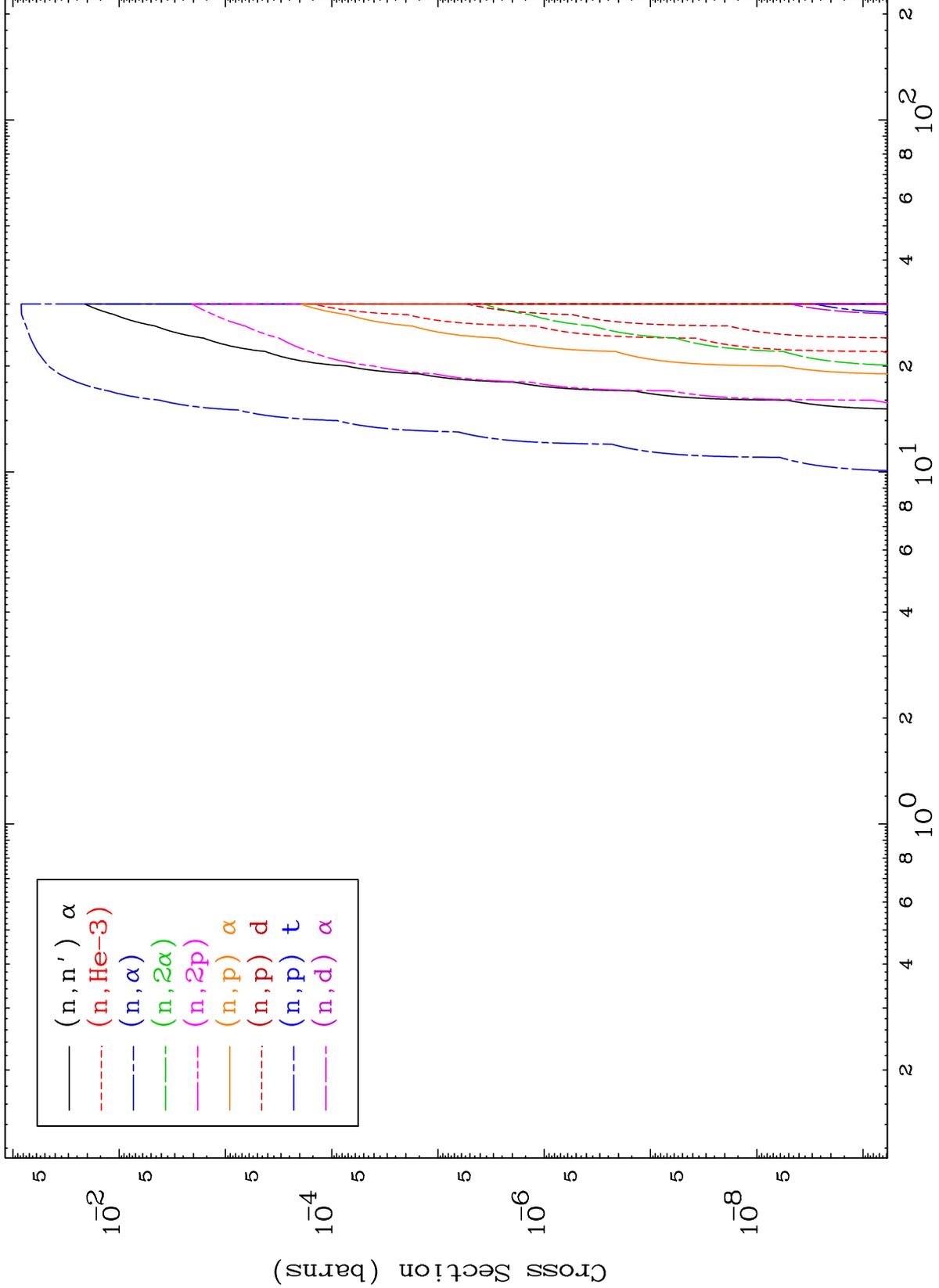
MAT 5816

α Neutron Absorption
0 Kelvin Cross Sections

58-Ce-133



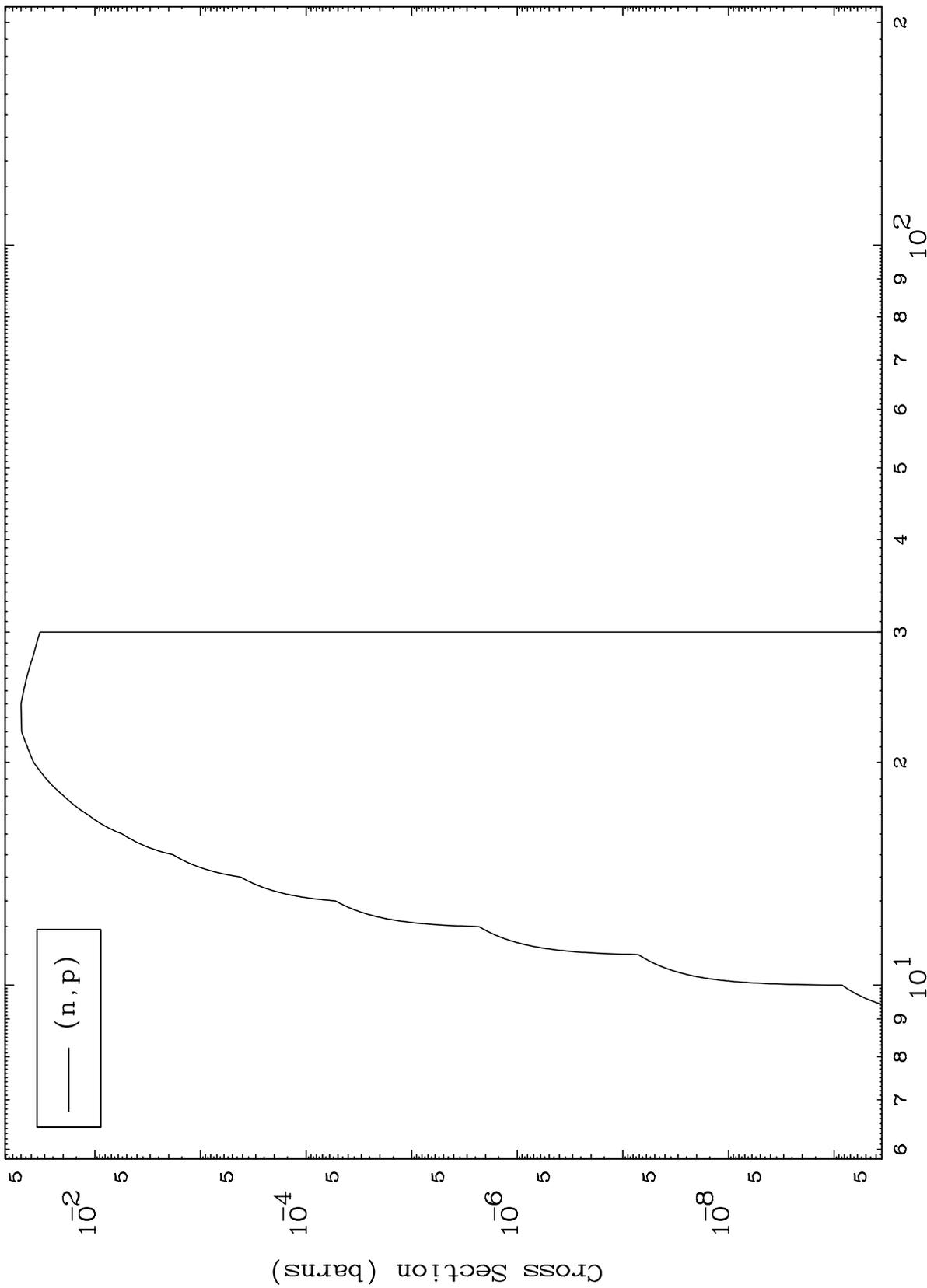




MAT 5816

58-Ce-133

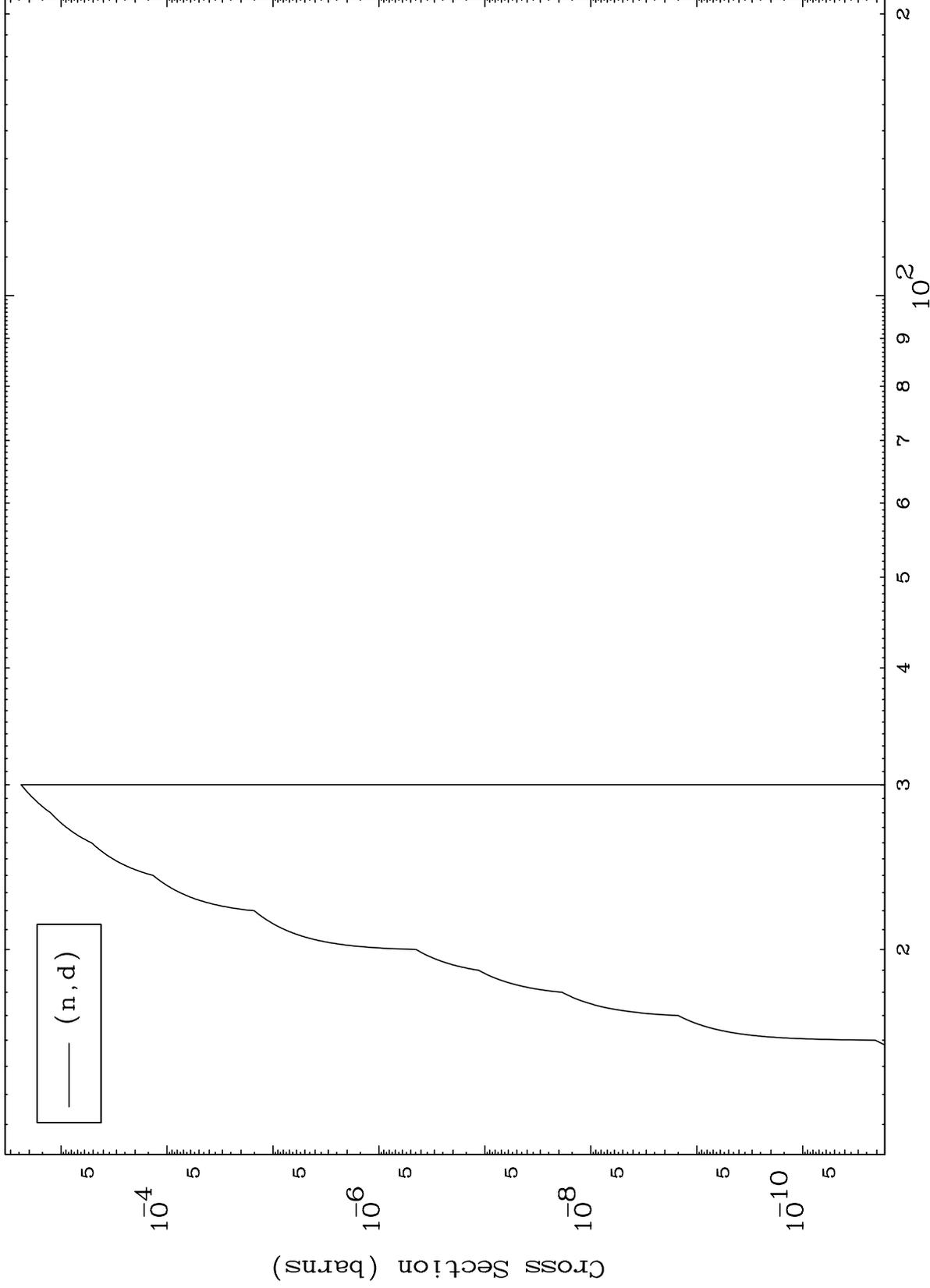
(α, p) Levels
0 Kelvin Cross Sections

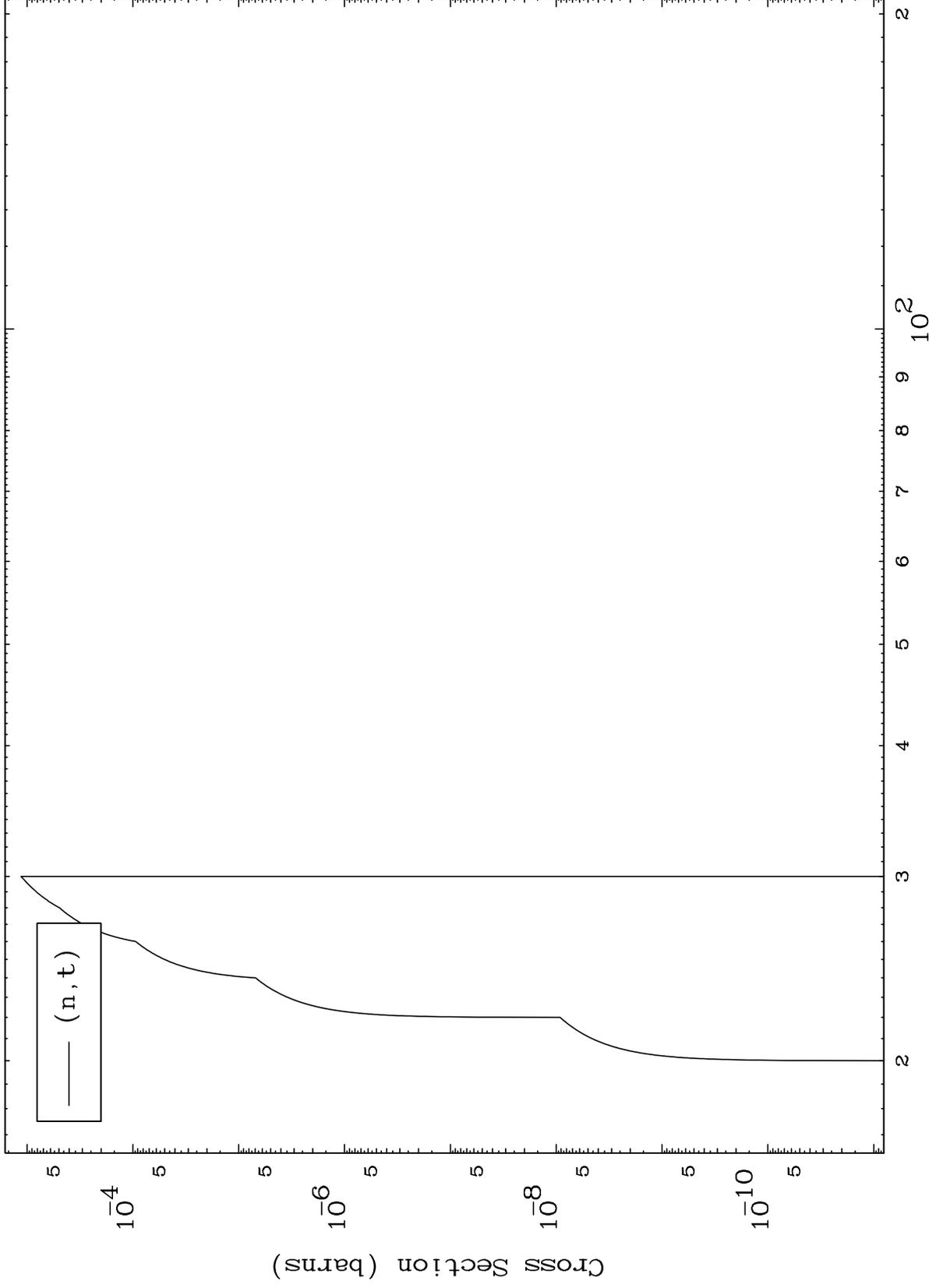


58-Ce-133

Incident Energy (MeV)

6

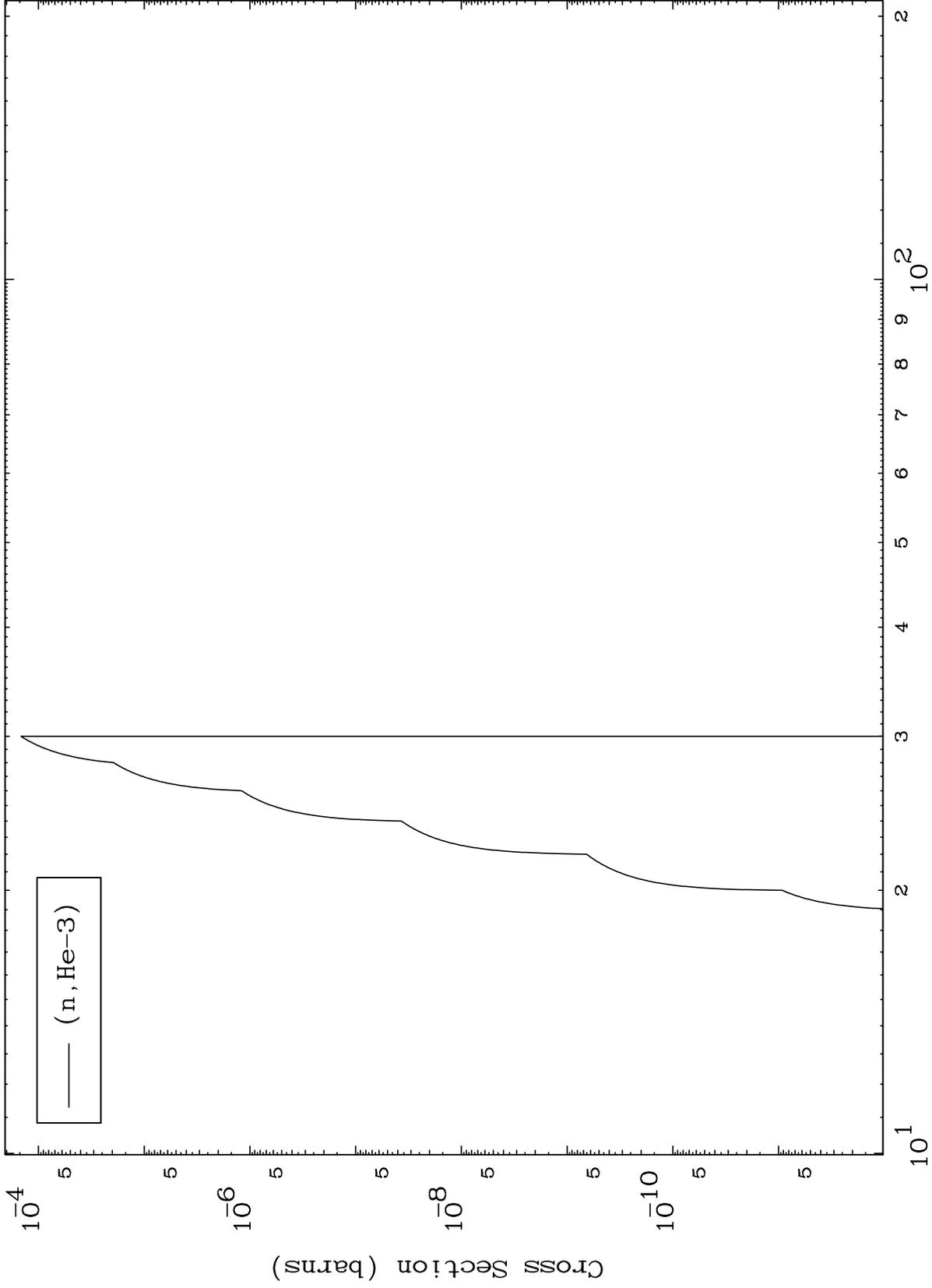




MAT 5816

58-Ce-133

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections



58-Ce-133

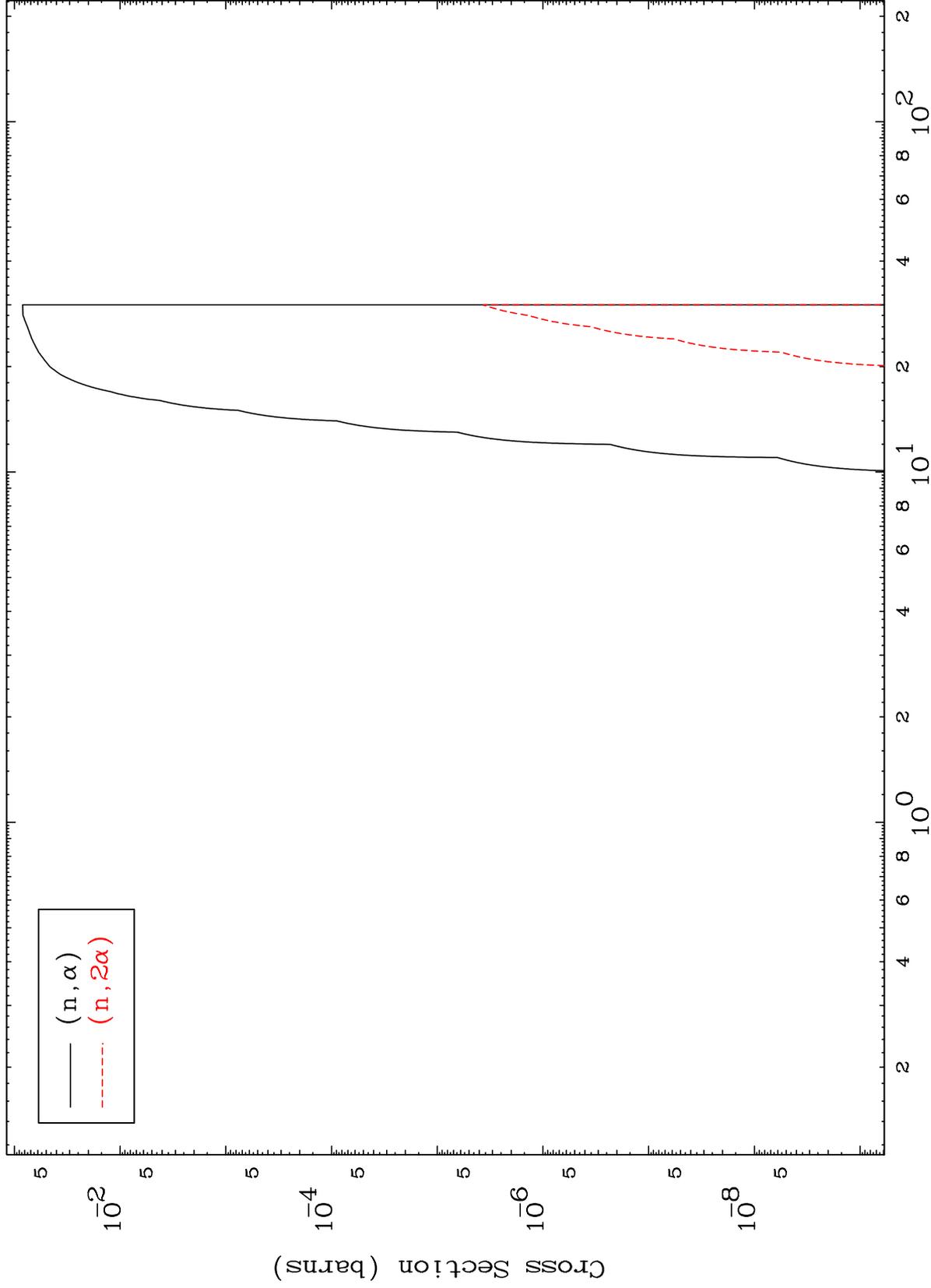
Incident Energy (MeV)

MAT 5816

(α, α) Levels

58-Ce-133

0 Kelvin Cross Sections



10

Incident Energy (MeV)

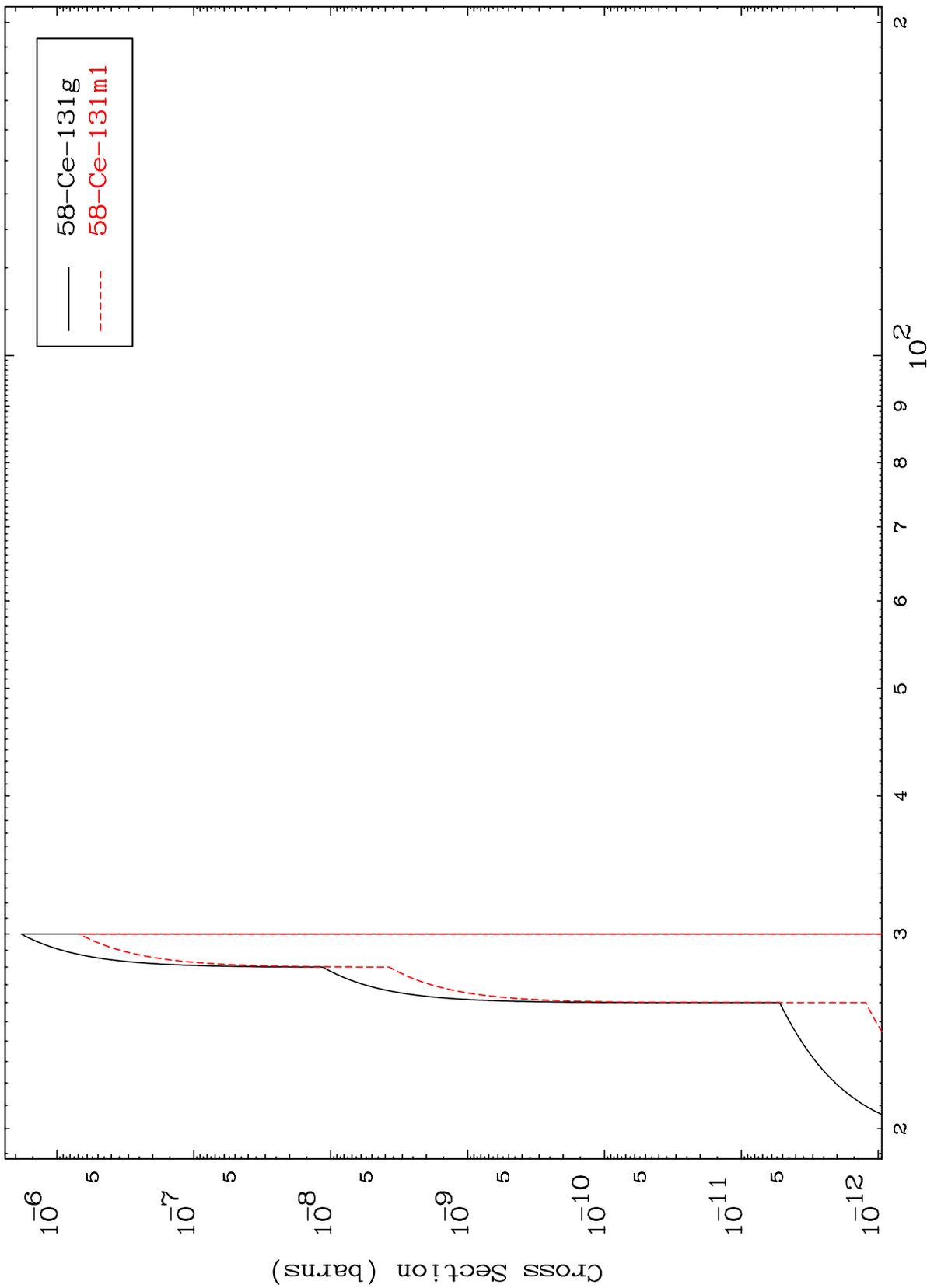
58-Ce-133

MAT 5816

(n,2n) α

58-Ce-133

Radionuclide Production Cross Section



11

Incident Energy (MeV)

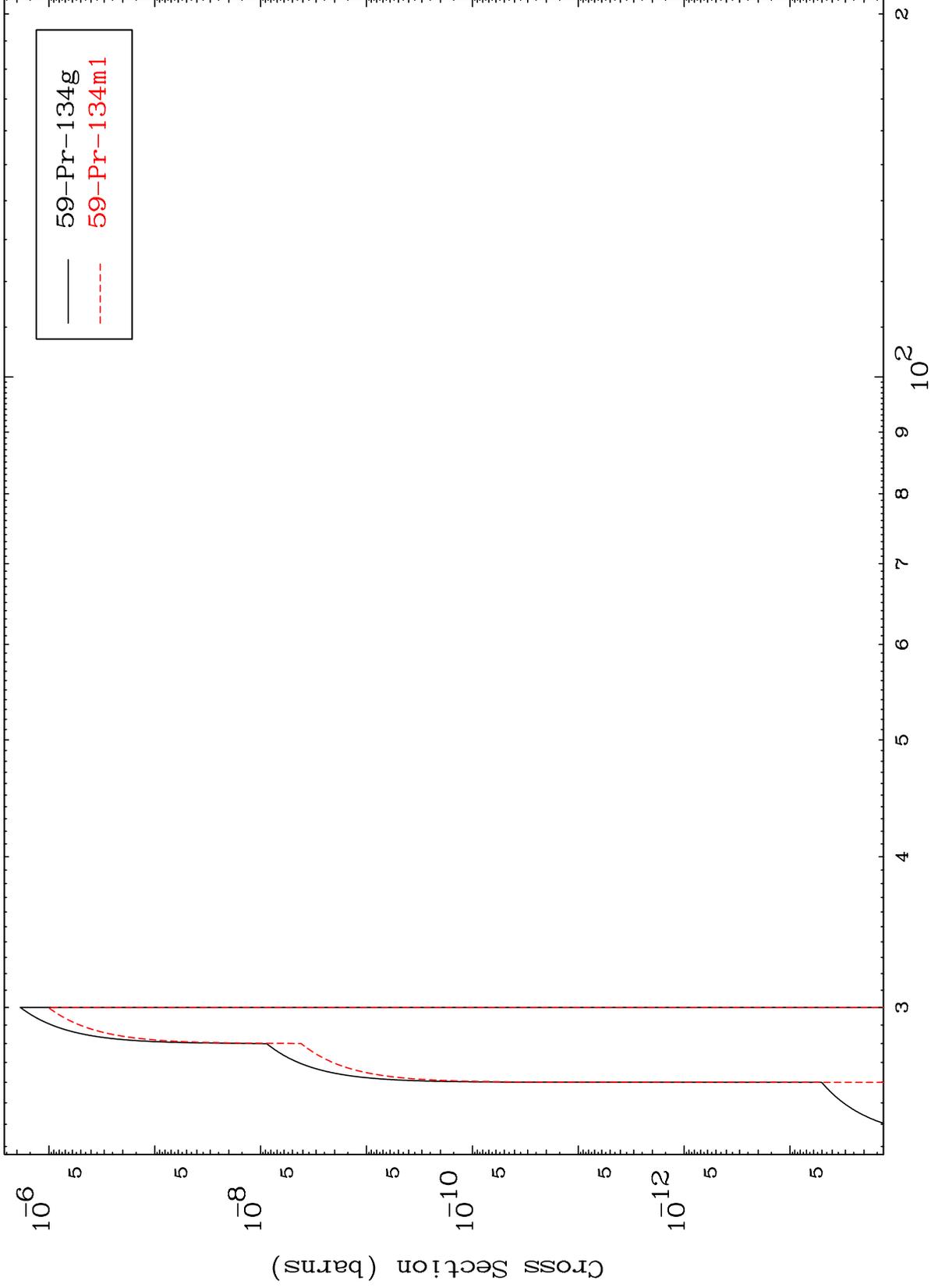
58-Ce-133

MAT 5816

(n,n') d

58-Ce-133

Radionuclide Production Cross Section



12

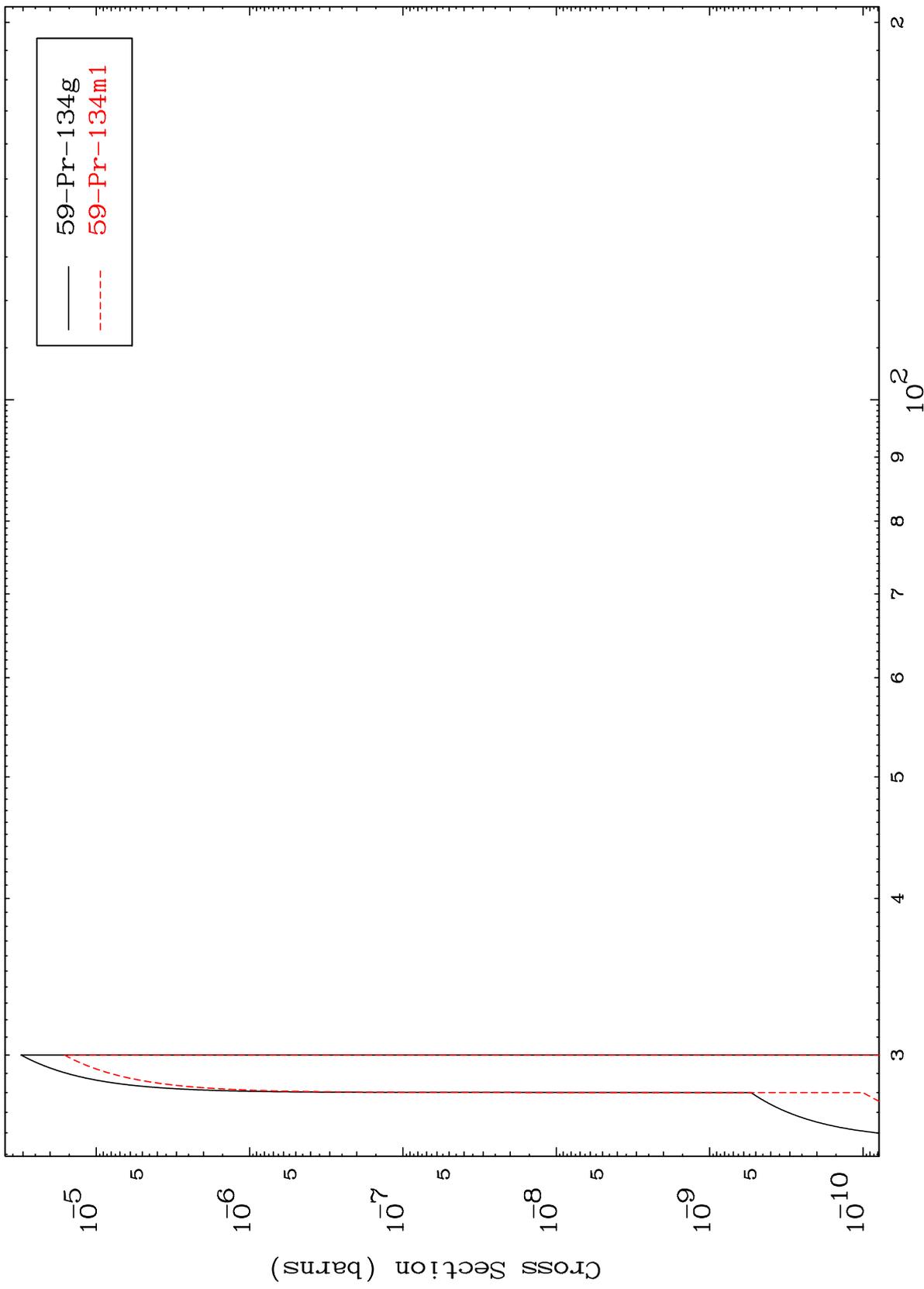
Incident Energy (MeV)

58-Ce-133

MAT 5816

58-Ce-133

(n,2n) p
Radionuclide Production Cross Section



13

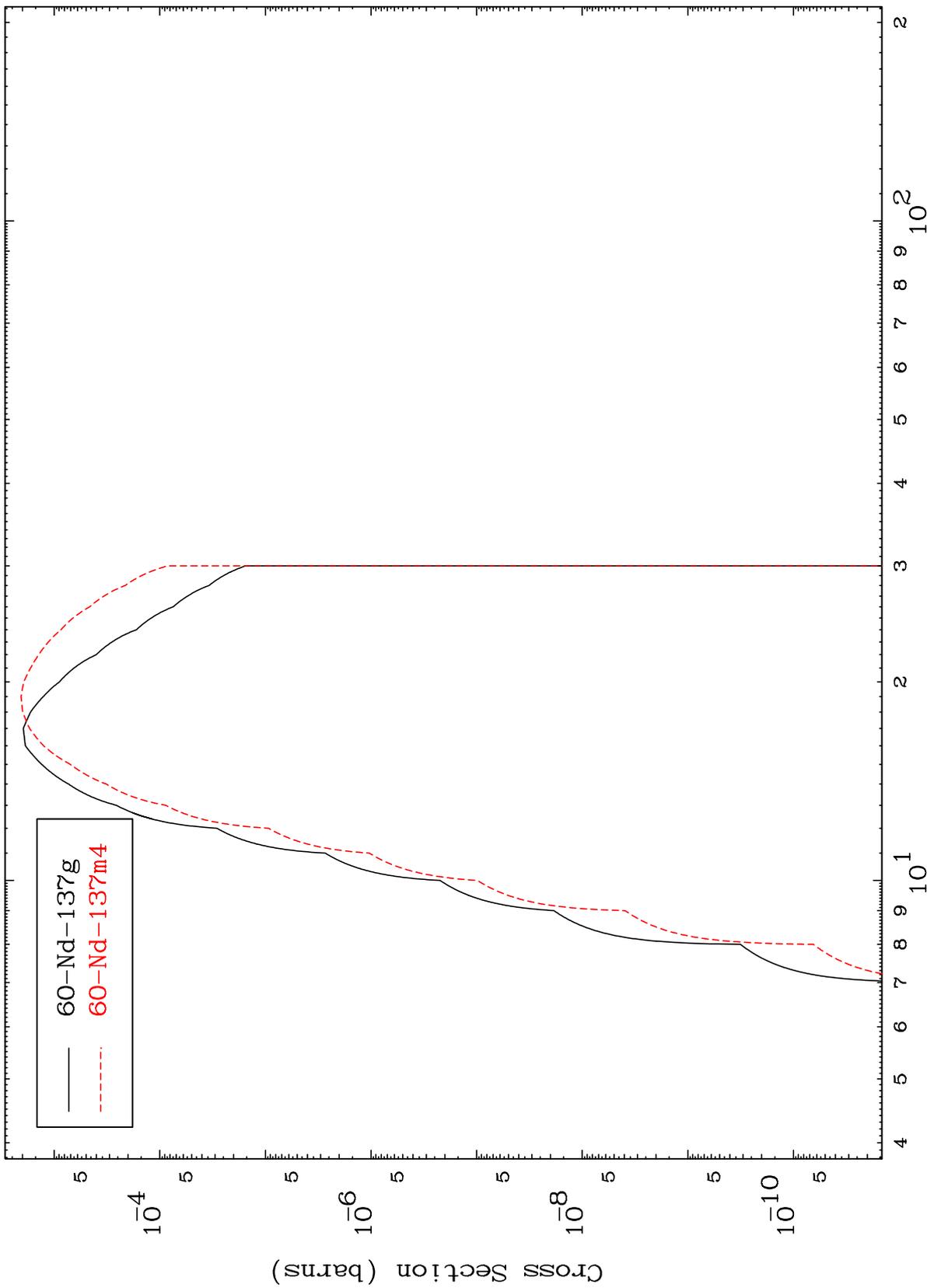
Incident Energy (MeV)

58-Ce-133

MAT 5816

58-Ce-133

(n, γ)
Radionuclide Production Cross Section



58-Ce-133

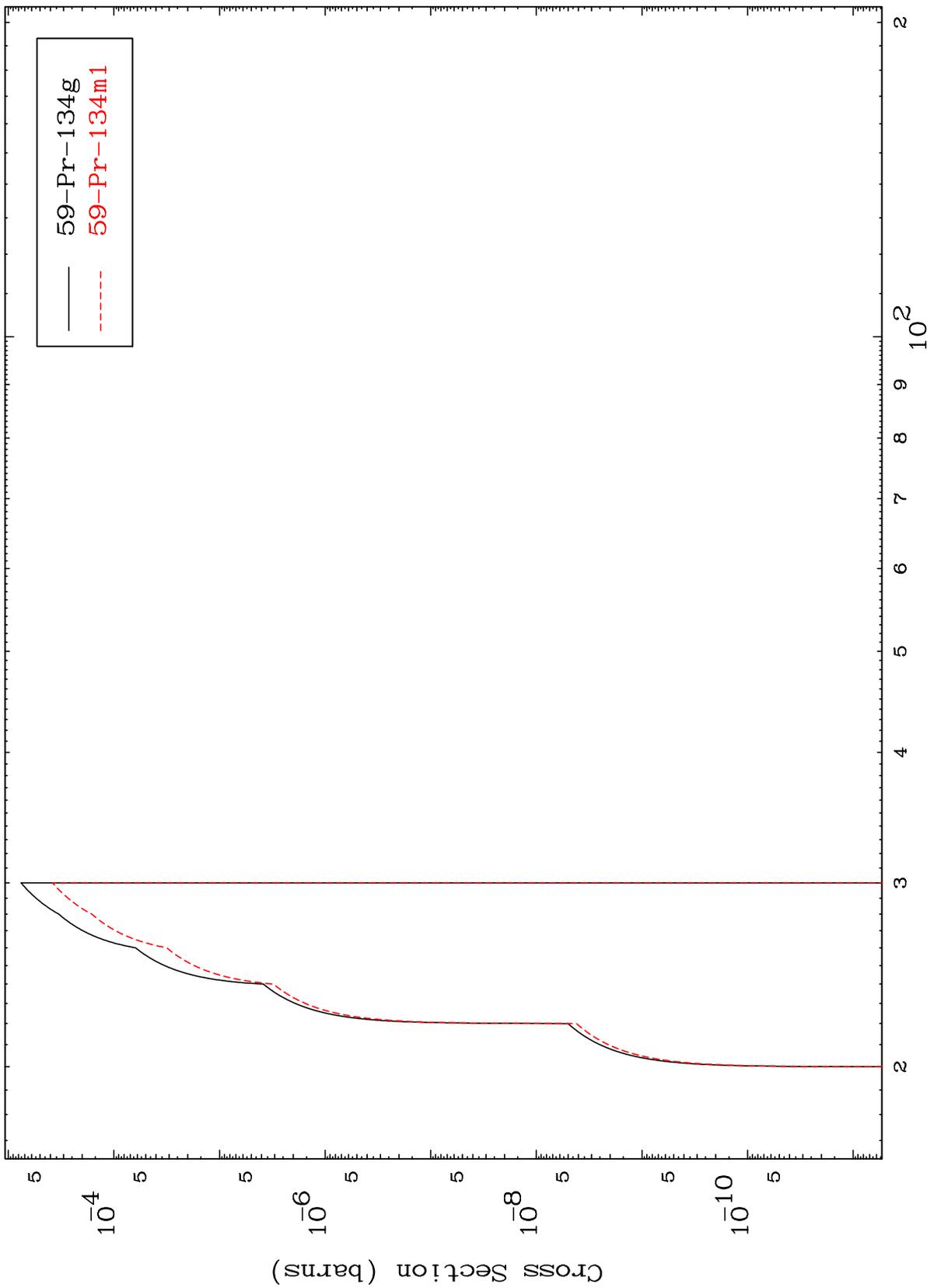
Incident Energy (MeV)

14

MAT 5816

58-Ce-133

(n, t)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

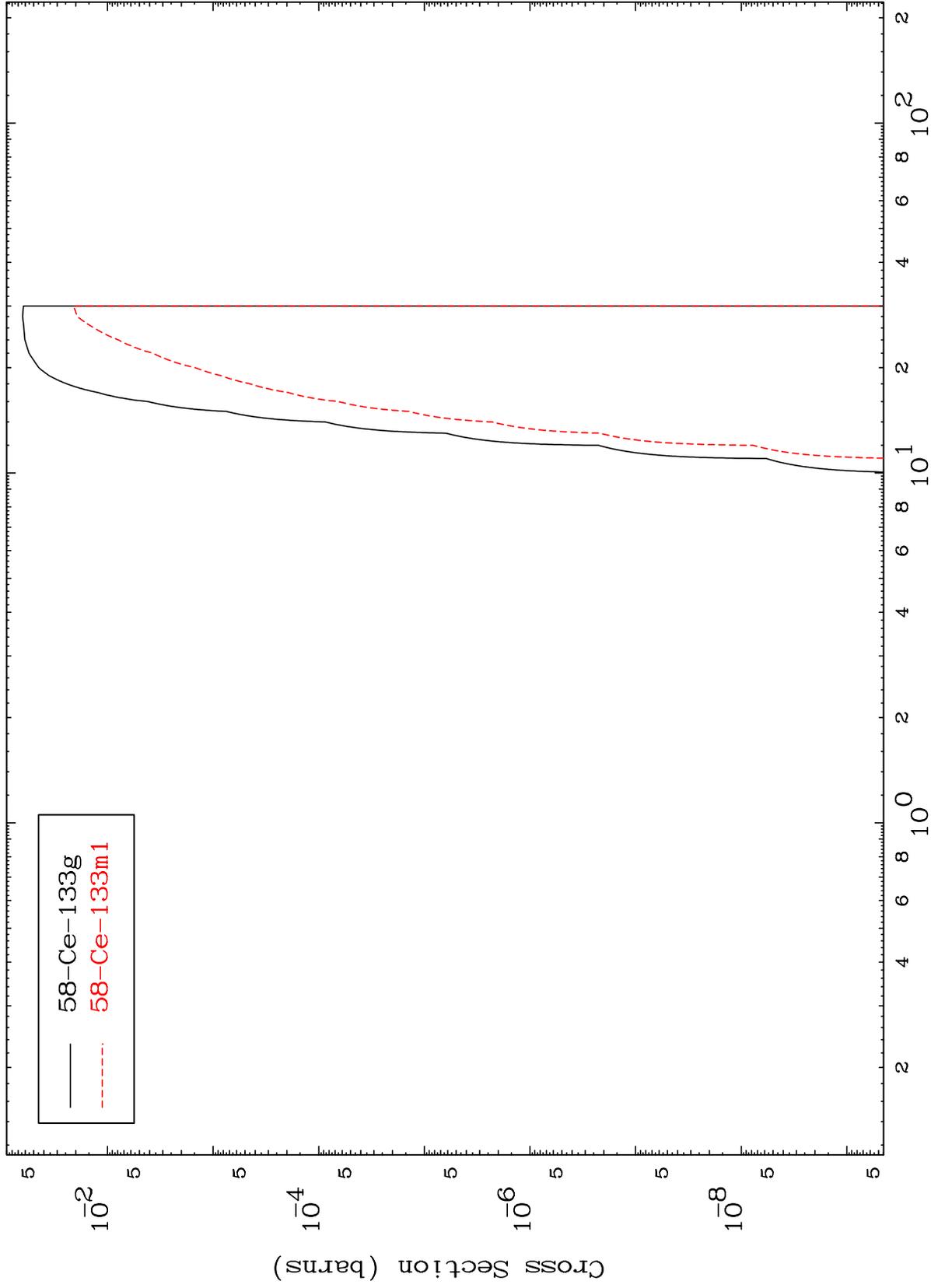
58-Ce-133

MAT 5816

(n, α)

58-Ce-133

Radionuclide Production Cross Section



16

Incident Energy (MeV)

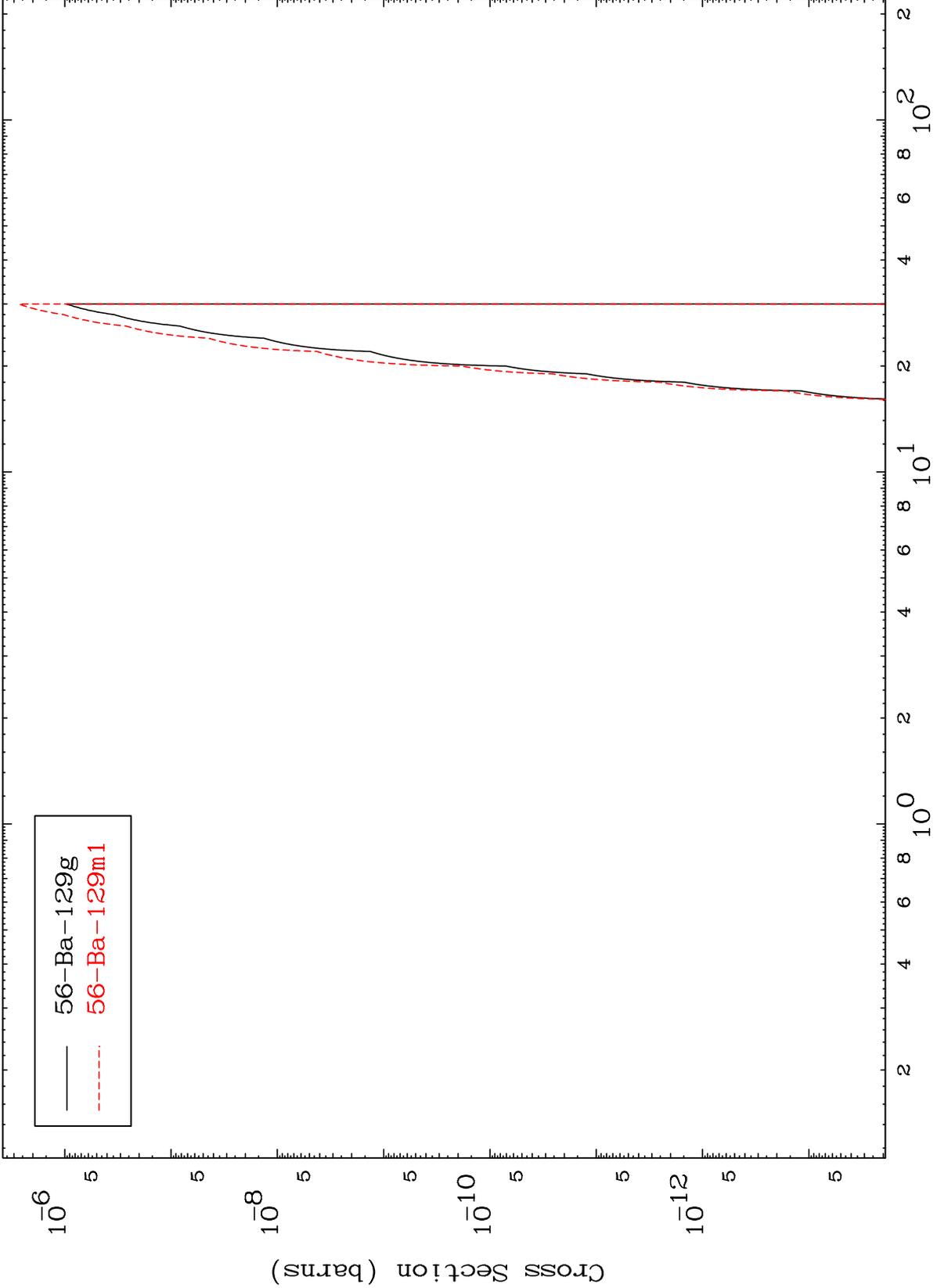
58-Ce-133

MAT 5816

(n,2α)

58-Ce-133

Radionuclide Production Cross Section



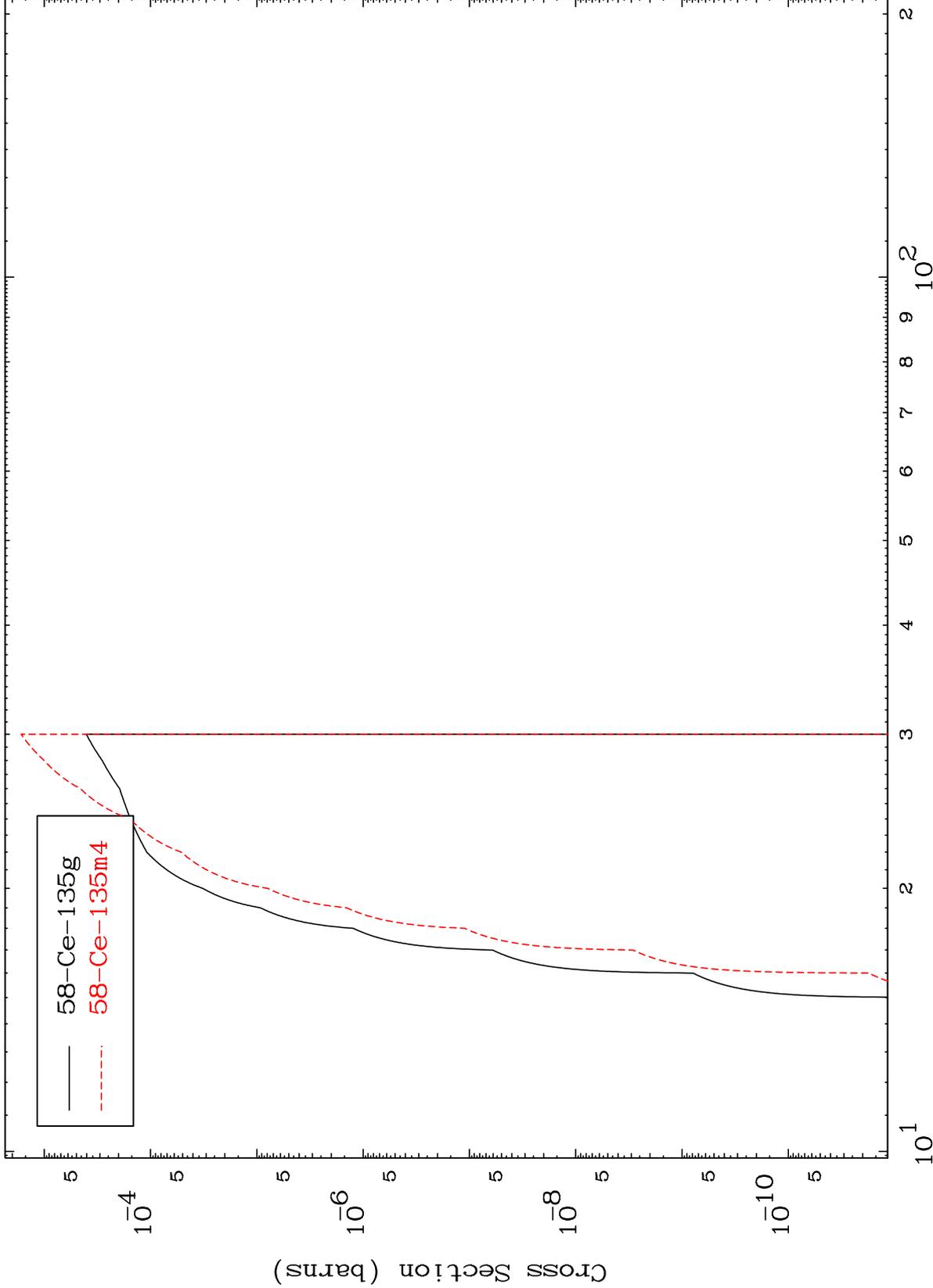
— 56-Ba-129g
- - - 56-Ba-129m1

MAT 5816

(n,2p)

58-Ce-133

Radionuclide Production Cross Section



Incident Energy (MeV)

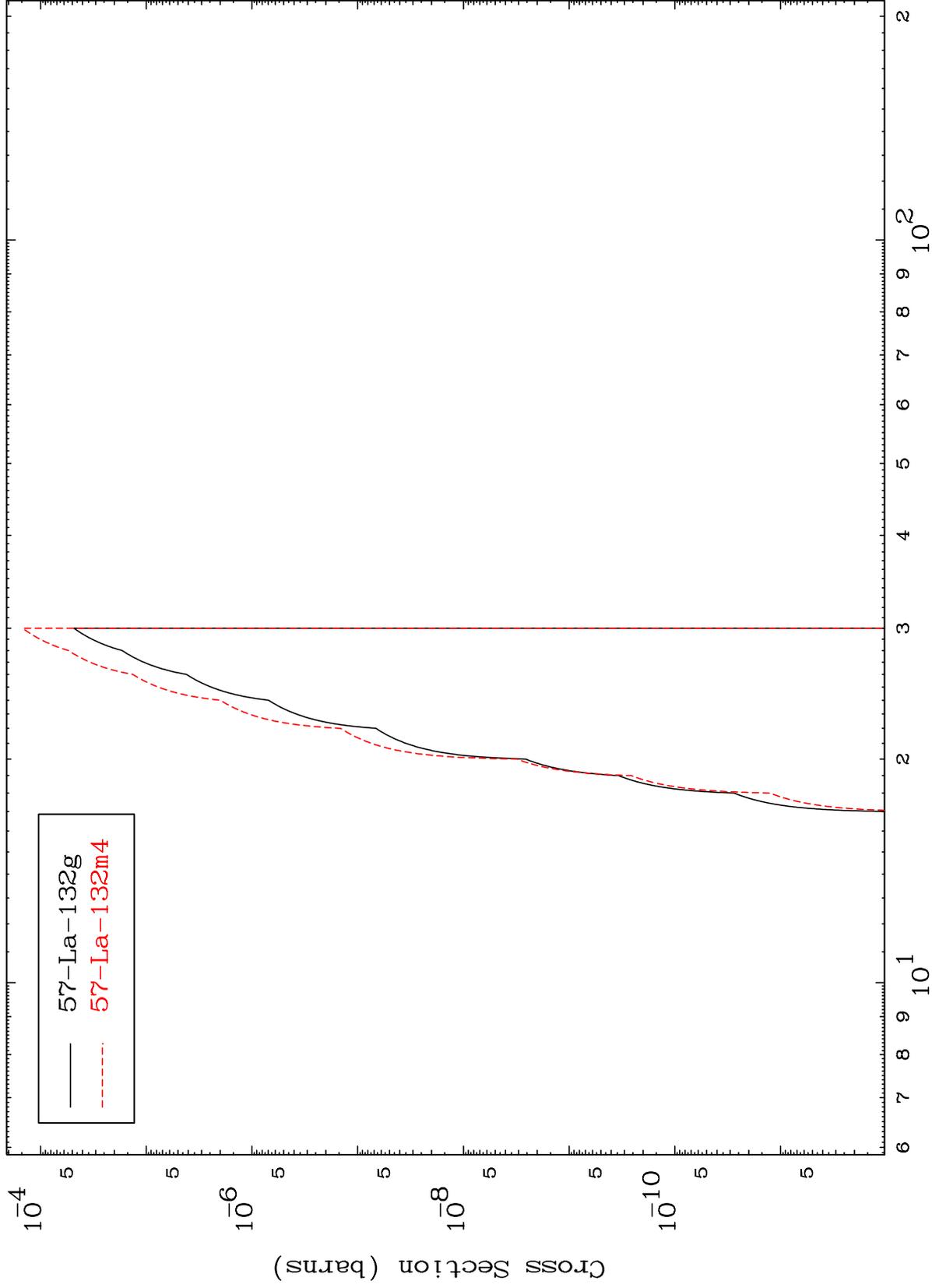
58-Ce-133

MAT 5816

(n,p) α

58-Ce-133

Radionuclide Production Cross Section



19

Incident Energy (MeV)

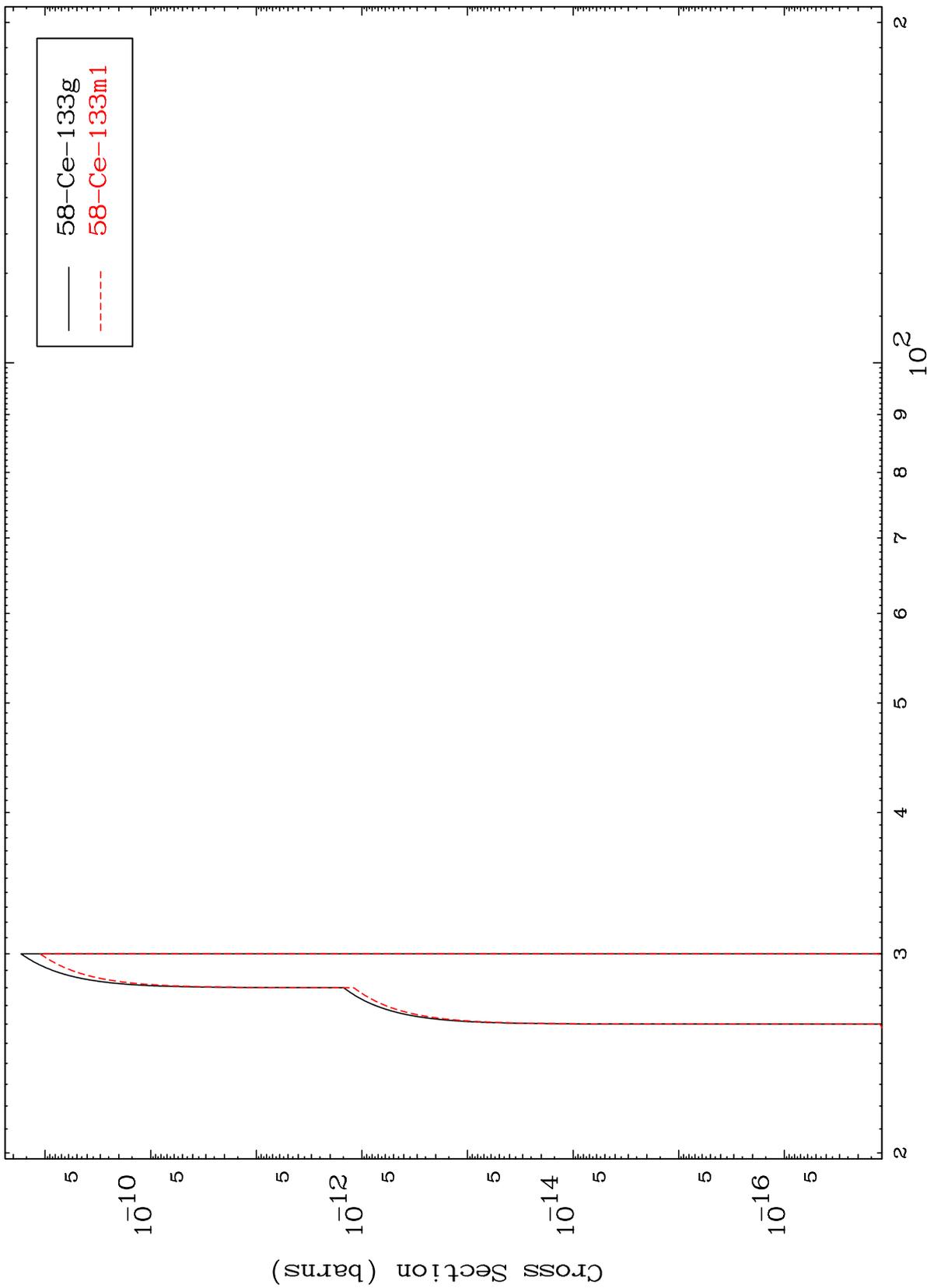
58-Ce-133

MAT 5816

(n,p) t

58-Ce-133

Radionuclide Production Cross Section



20

Incident Energy (MeV)

58-Ce-133