

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

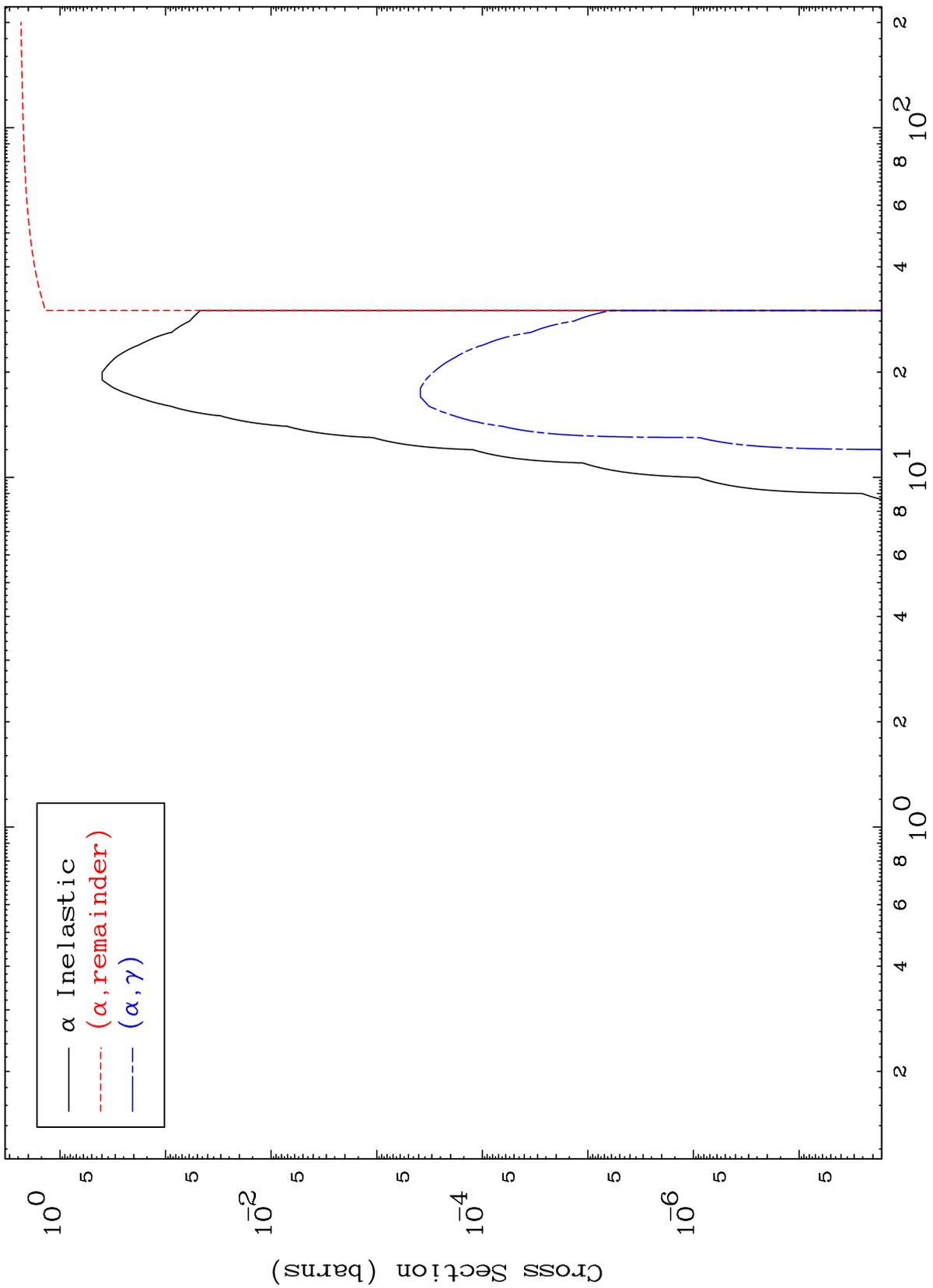
Press Mouse Button to Start

MAT 5828

α Major

58-Ce-137

0 Kelvin Cross Sections



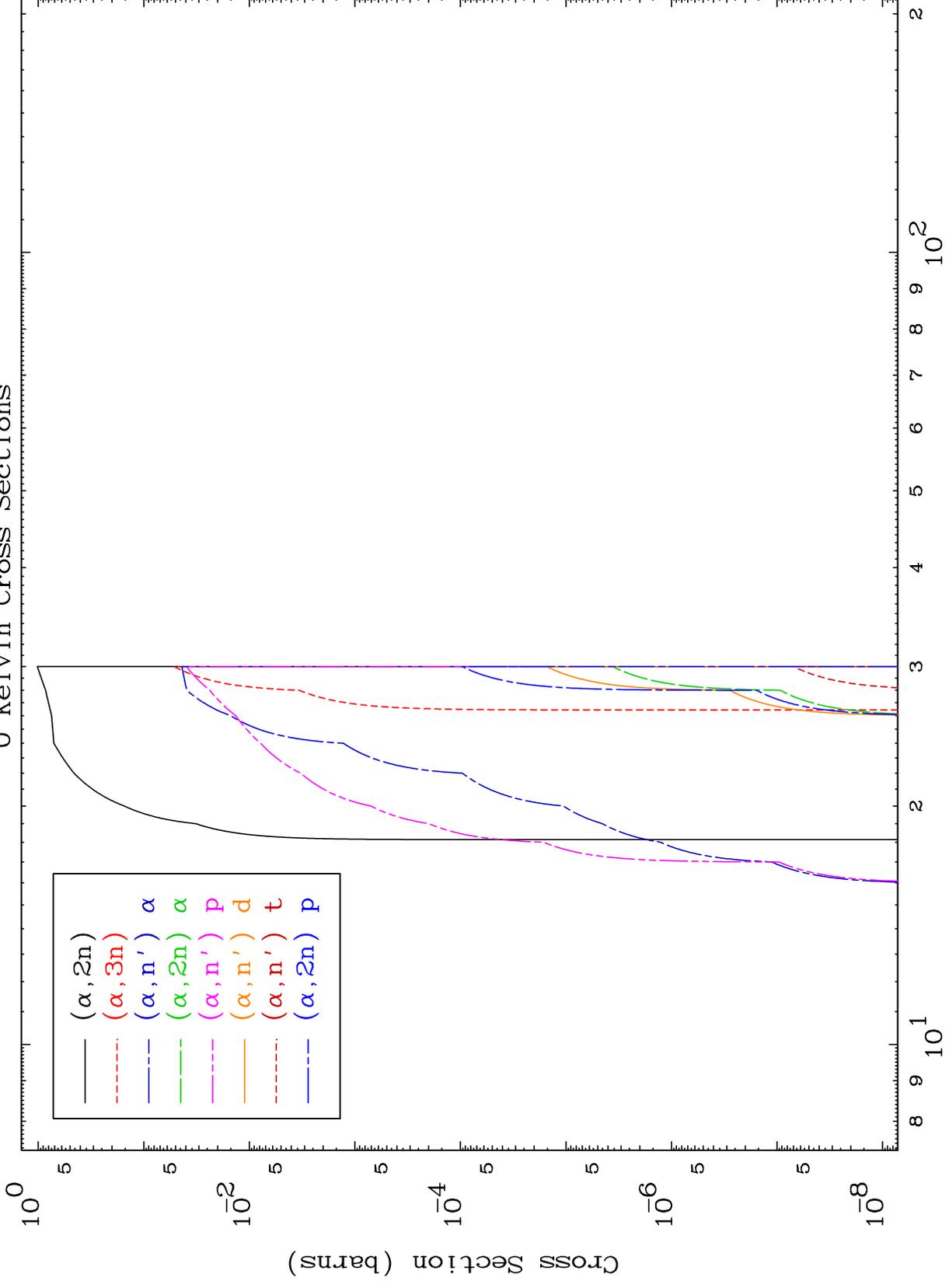
58-Ce-137

Incident Energy (MeV)

MAT 5828

α Neutron Production
0 Kelvin Cross Sections

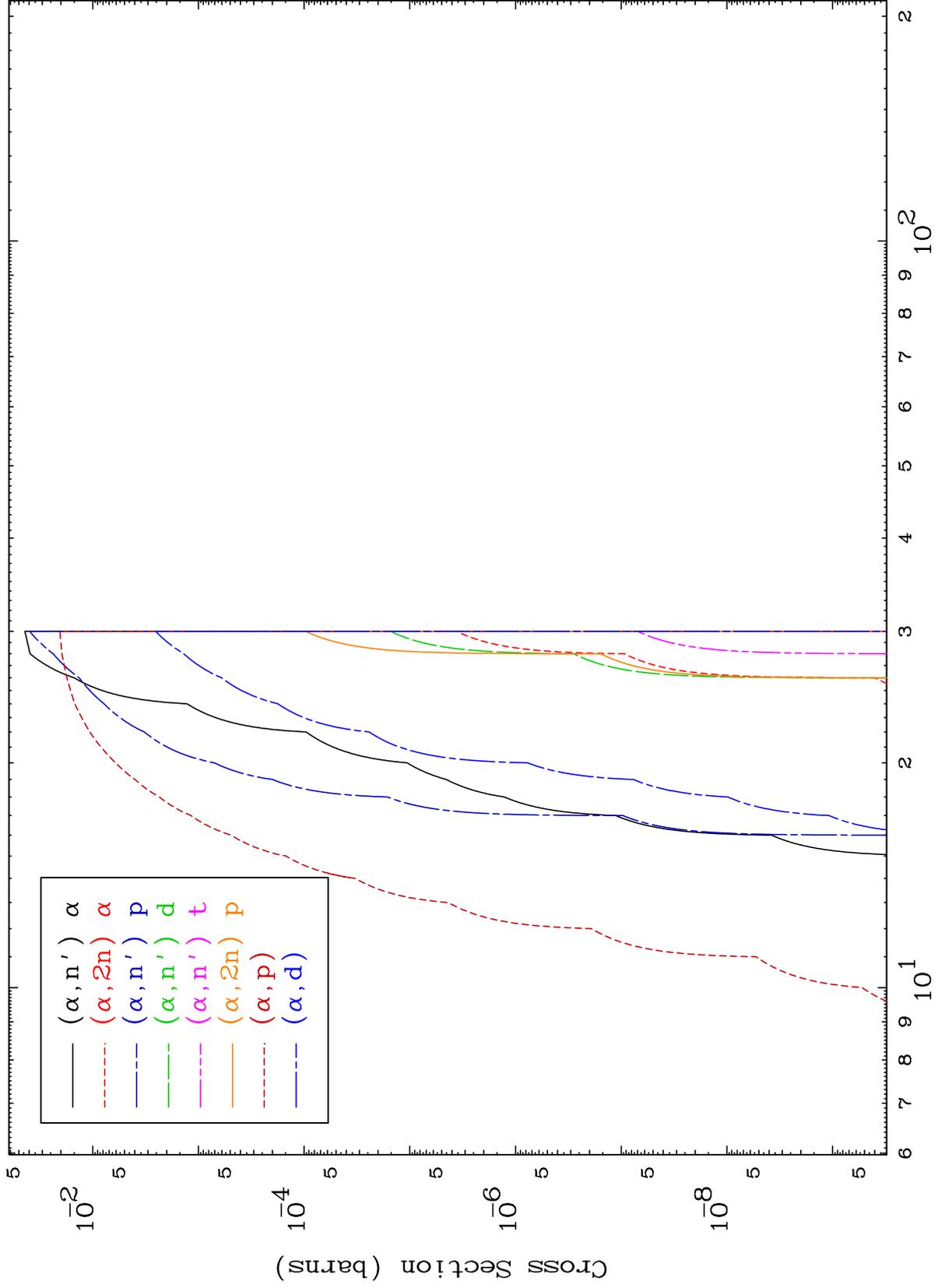
58-Ce-137



Incident Energy (MeV)

58-Ce-137

2

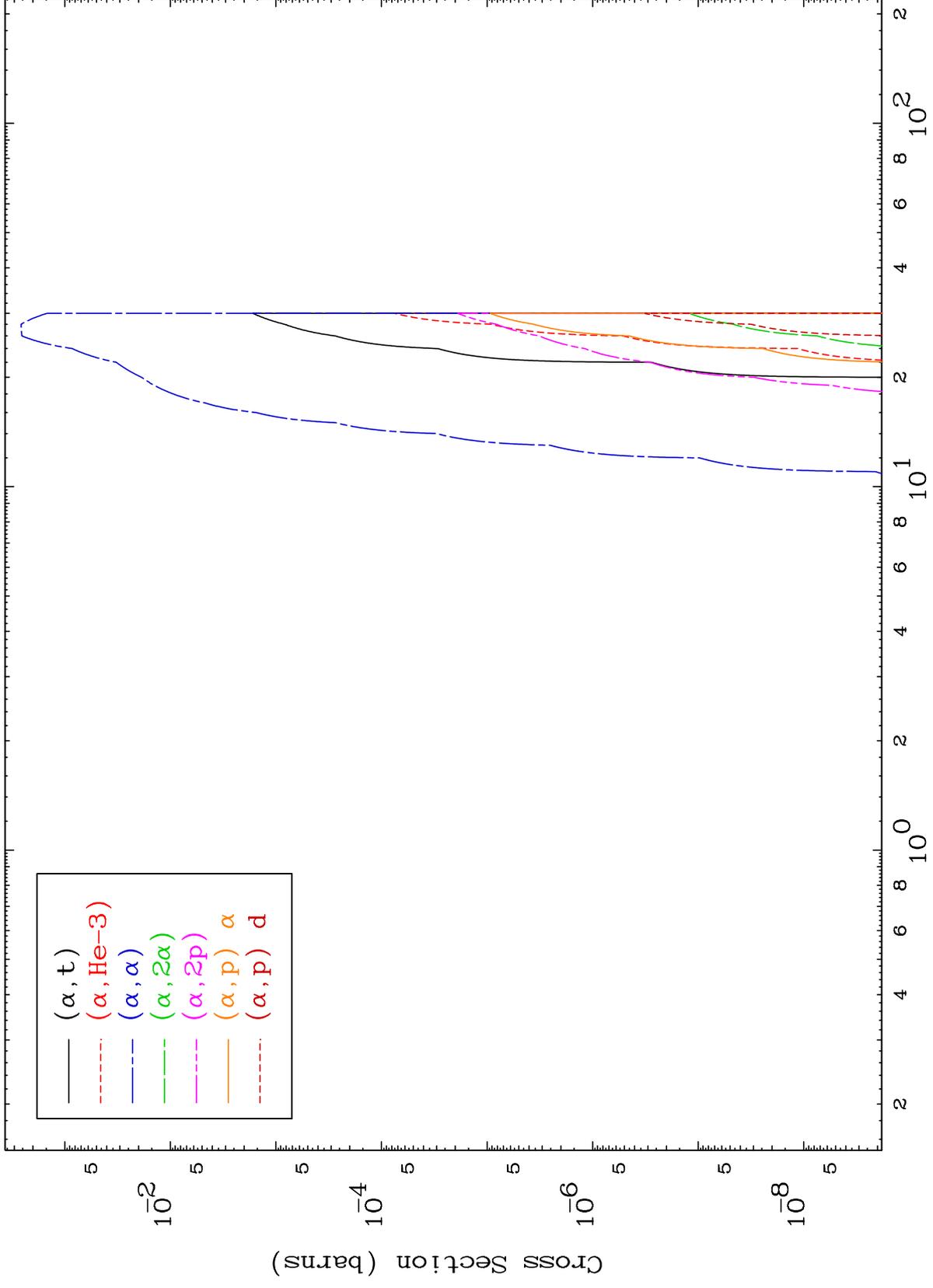


MAT 5828

α Charged Particle

58-Ce-137

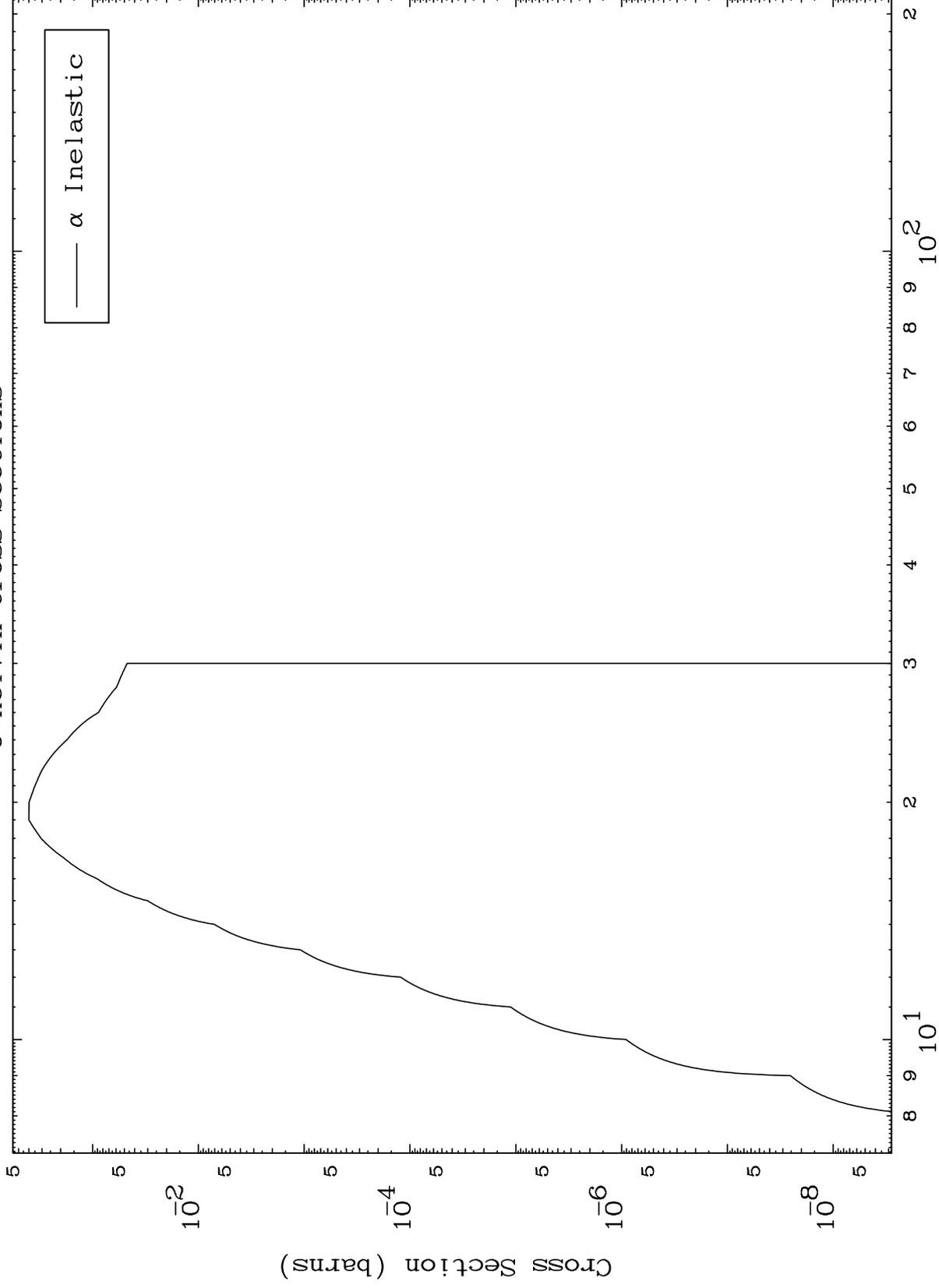
0 Kelvin Cross Sections



MAT 5828

(α, n') Level
0 Kelvin Cross Sections

58-Ce-137



5

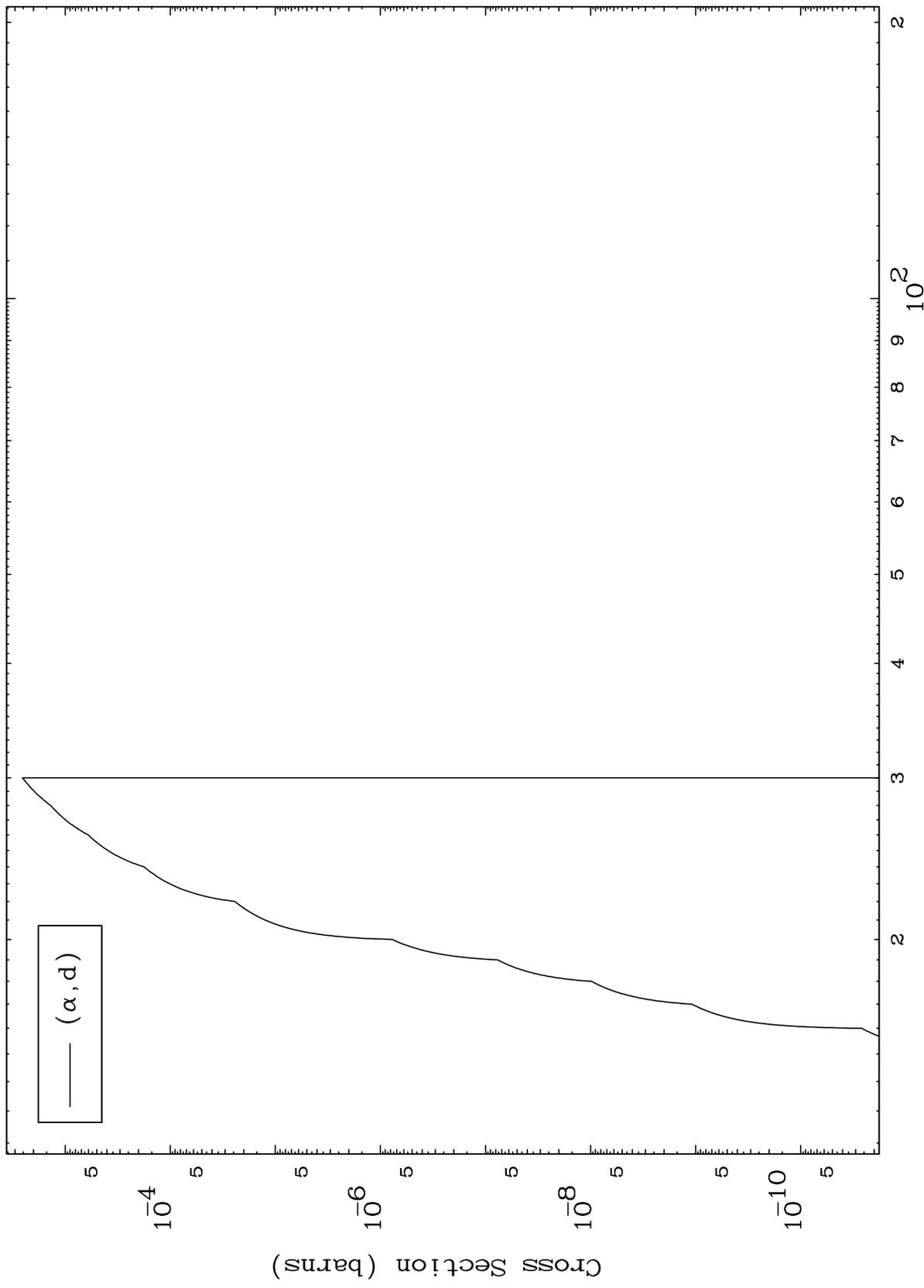
Incident Energy (MeV)

58-Ce-137

MAT 5828

58-Ce-137

(α, d) Levels
0 Kelvin Cross Sections



58-Ce-137

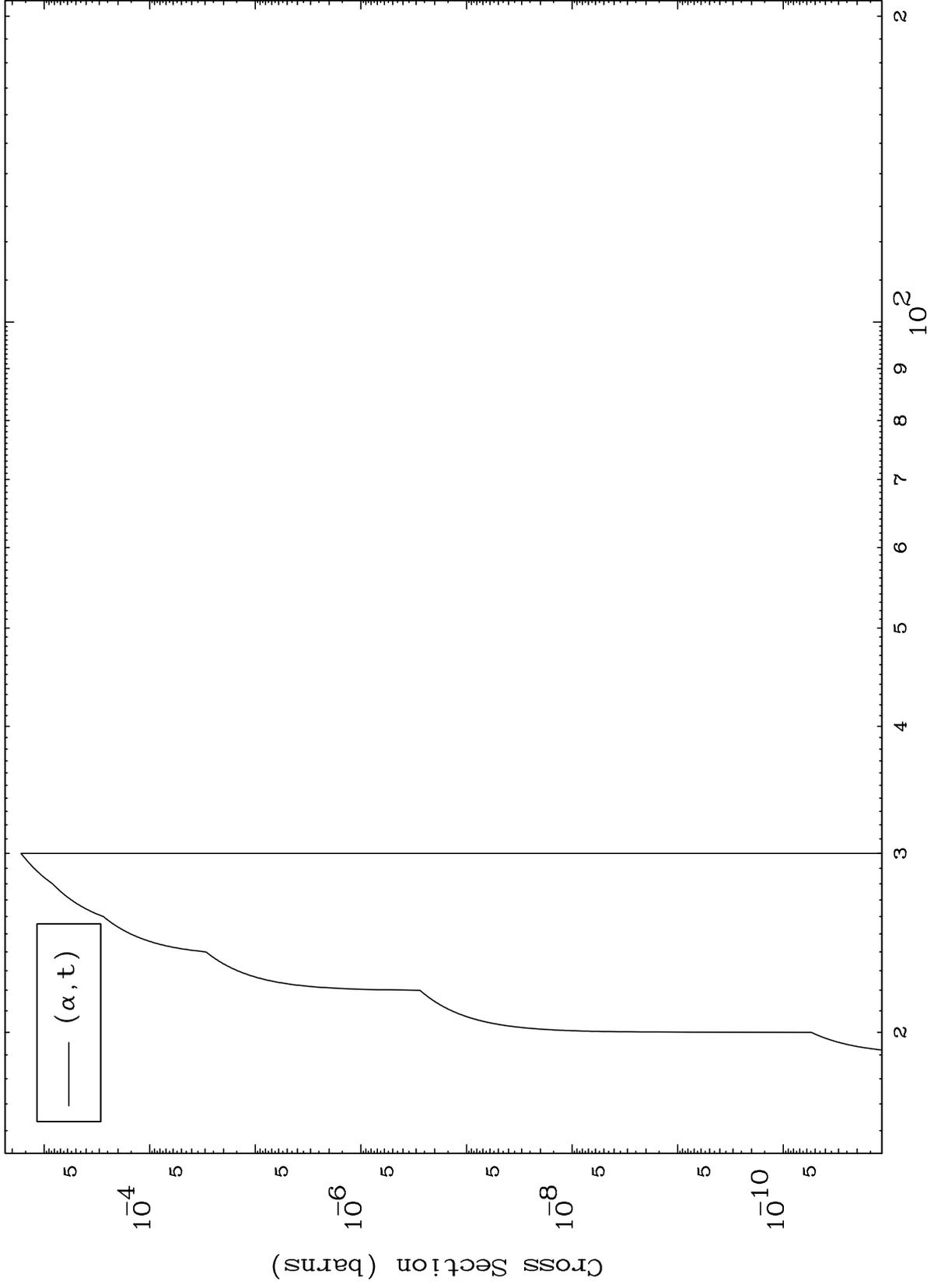
Incident Energy (MeV)

7

MAT 5828

(α, t) Levels
0 Kelvin Cross Sections

58-Ce-137



8

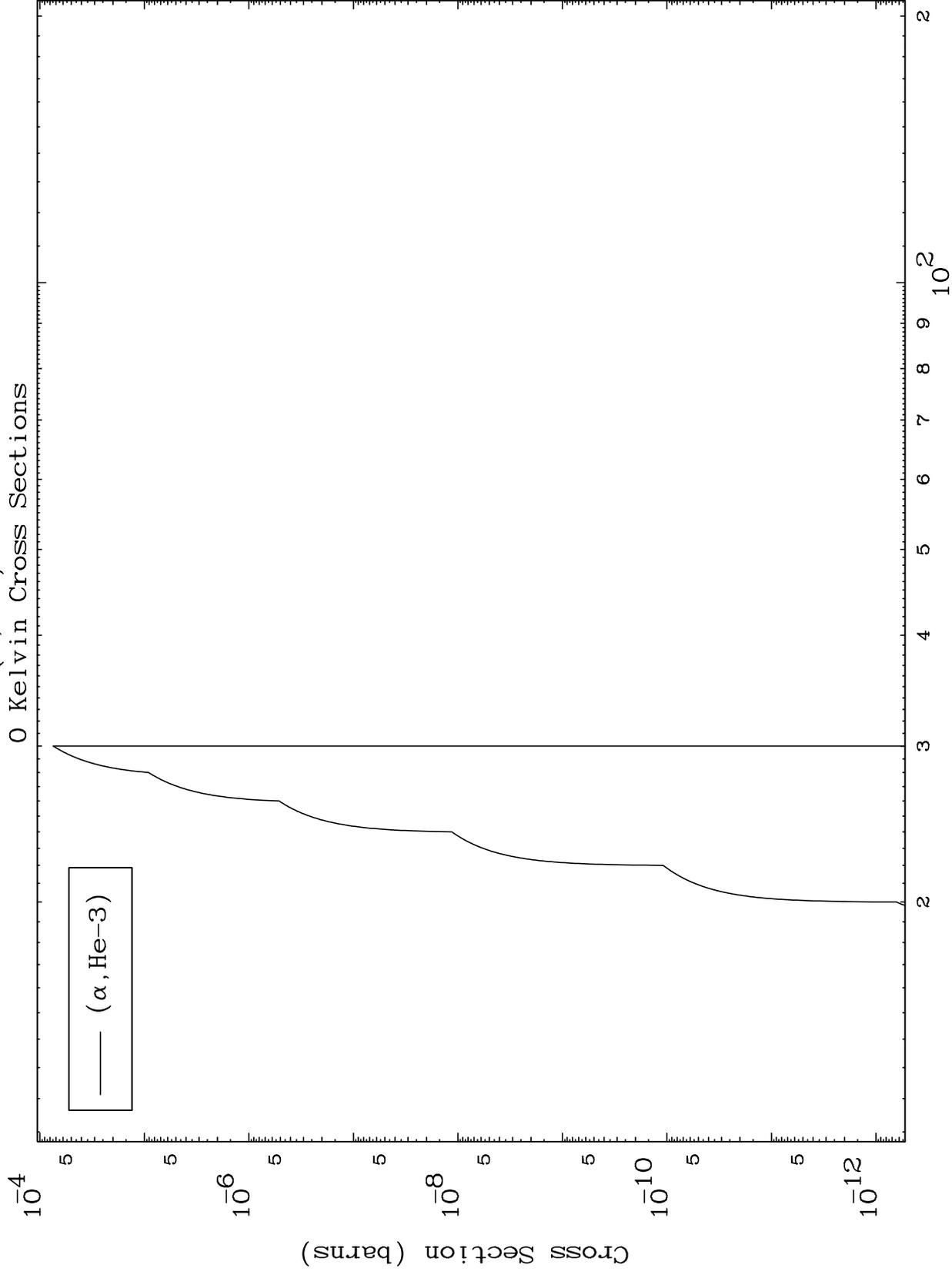
Incident Energy (MeV)

58-Ce-137

MAT 5828

(α ,He3) Levels
0 Kelvin Cross Sections

58-Ce-137

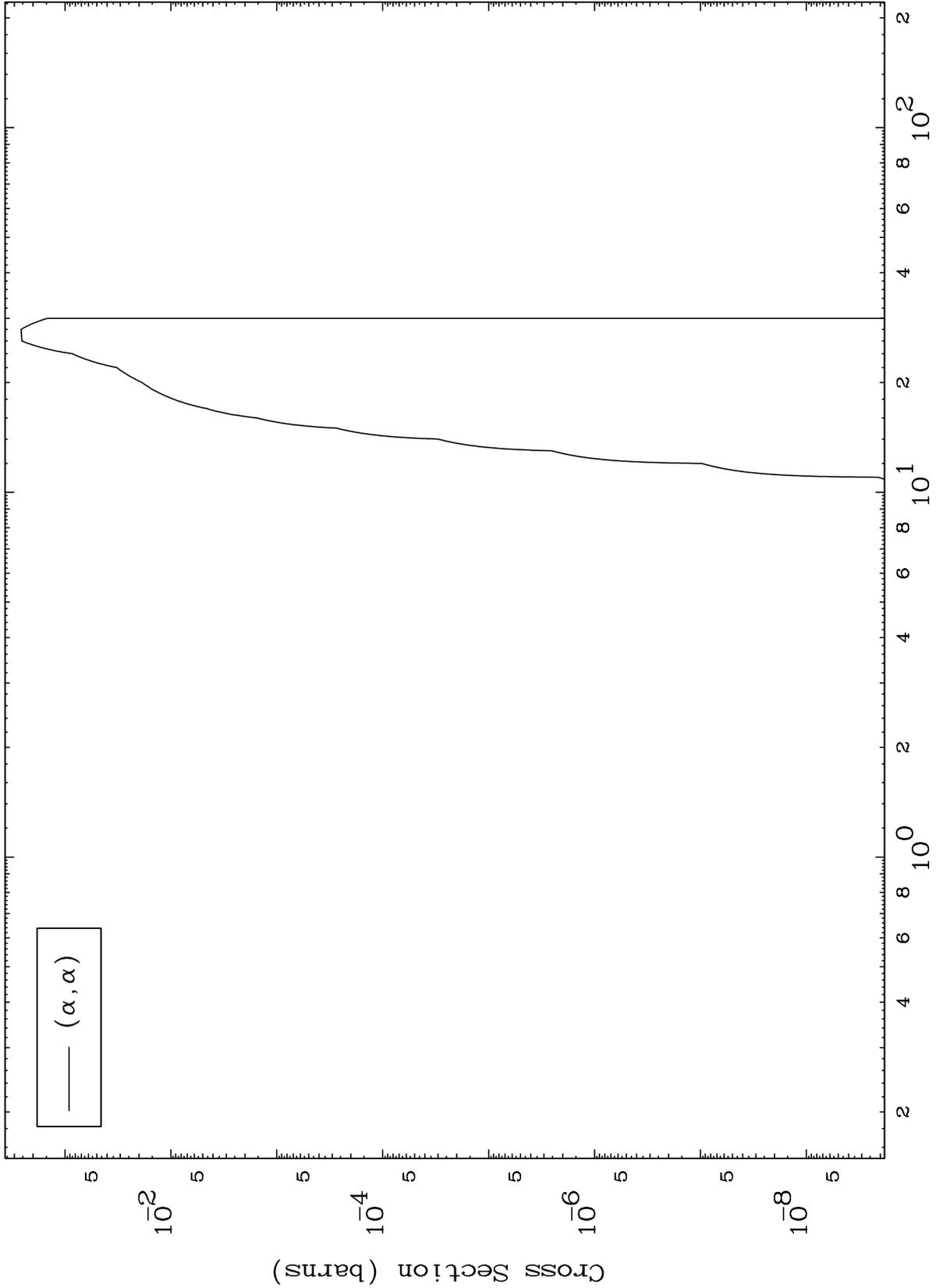


MAT 5828

(α, α) Levels

58-Ce-137

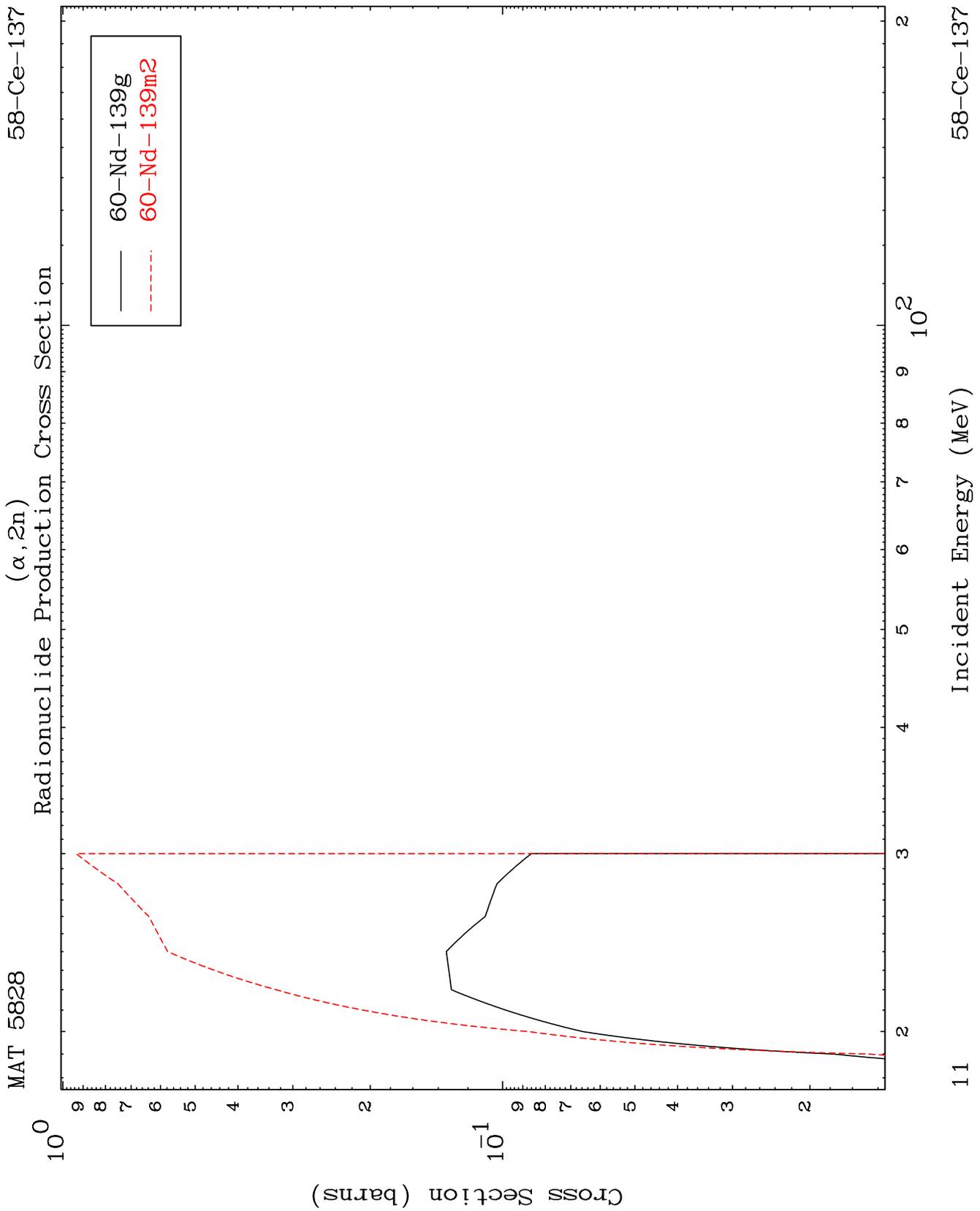
0 Kelvin Cross Sections



10

Incident Energy (MeV)

58-Ce-137

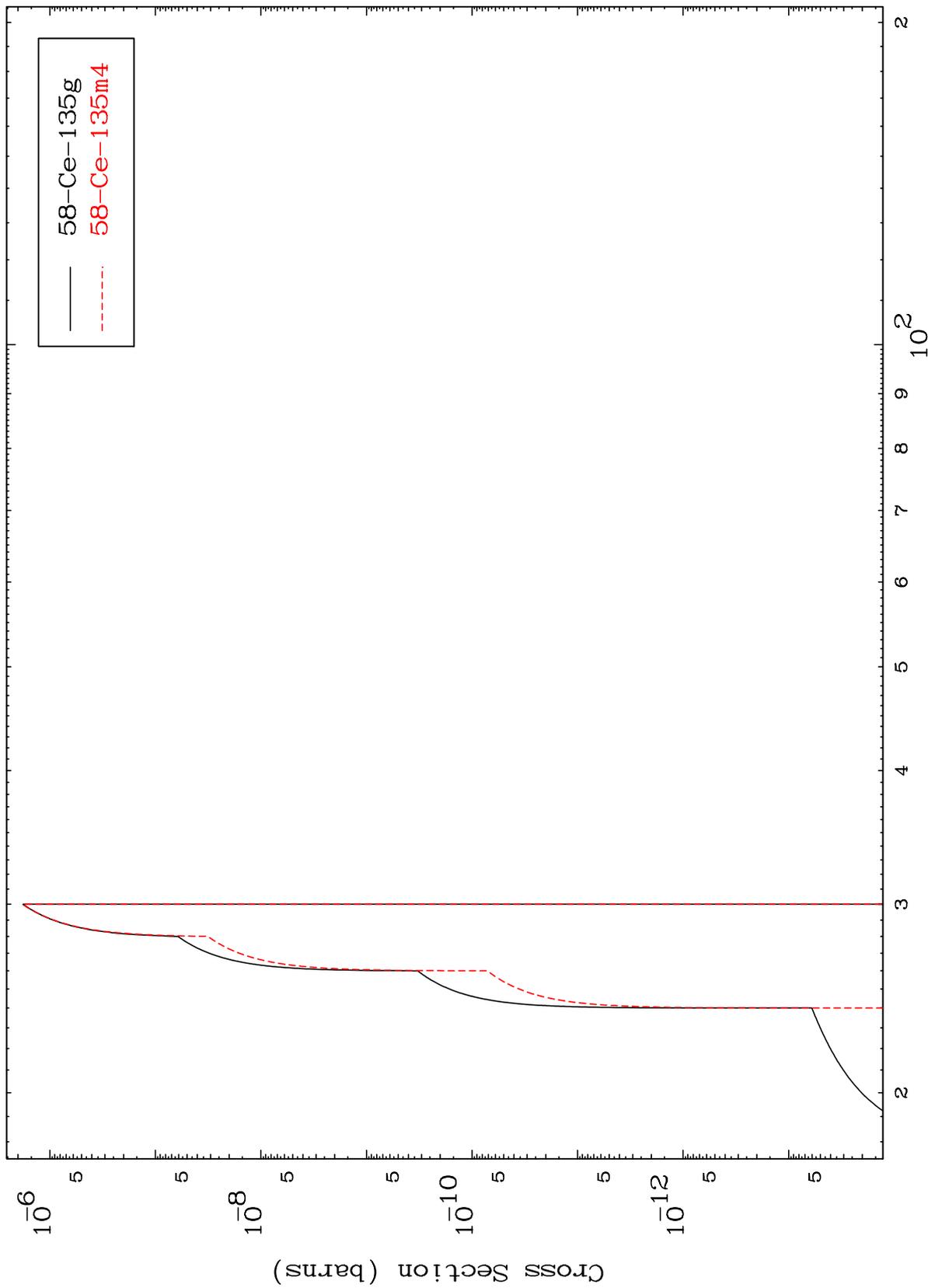


MAT 5828

58-Ce-137

$(\alpha, 2n)$ α

Radionuclide Production Cross Section



12

Incident Energy (MeV)

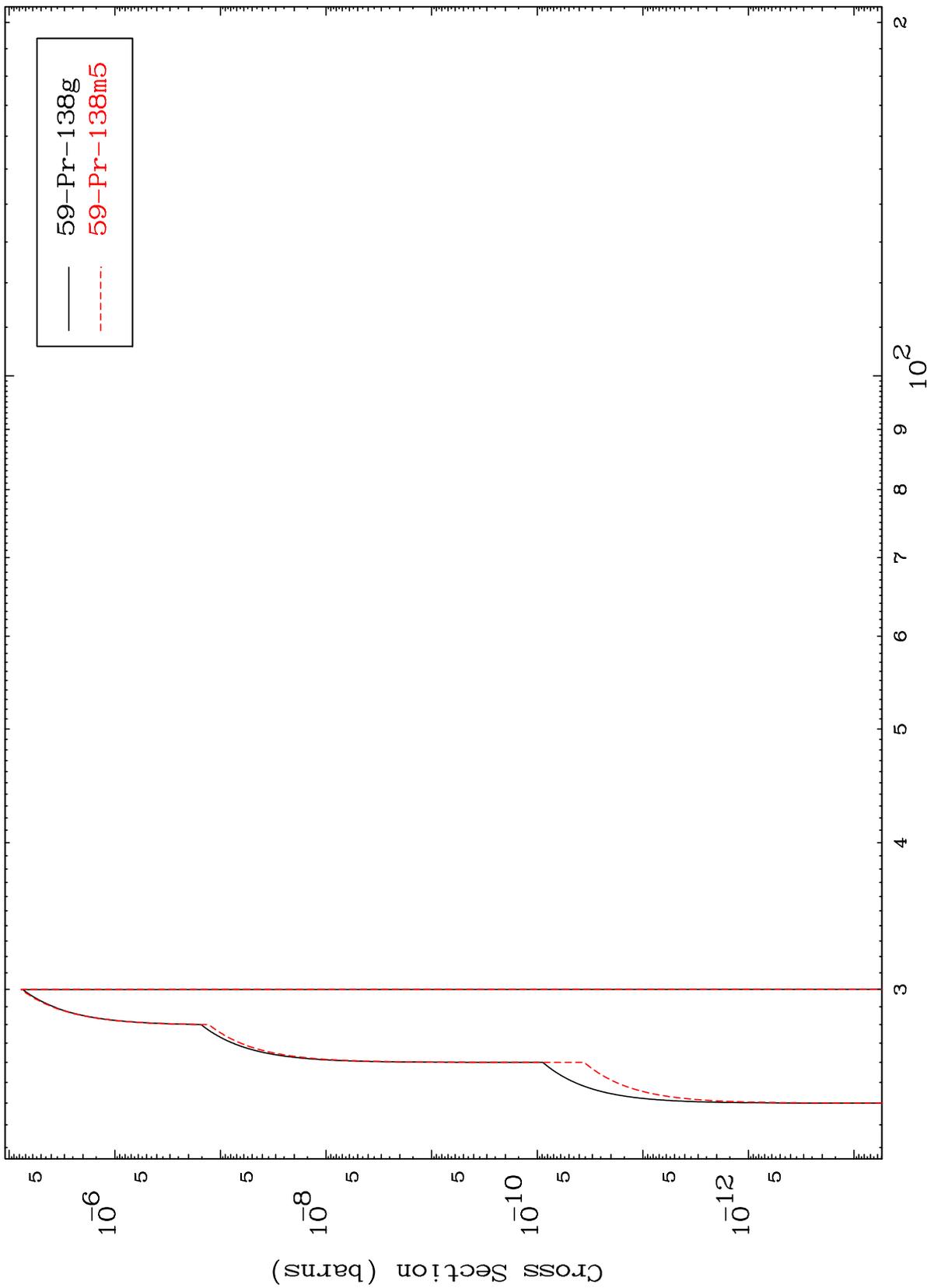
58-Ce-137

MAT 5828

(α, n') d

58-Ce-137

Radionuclide Production Cross Section



13

Incident Energy (MeV)

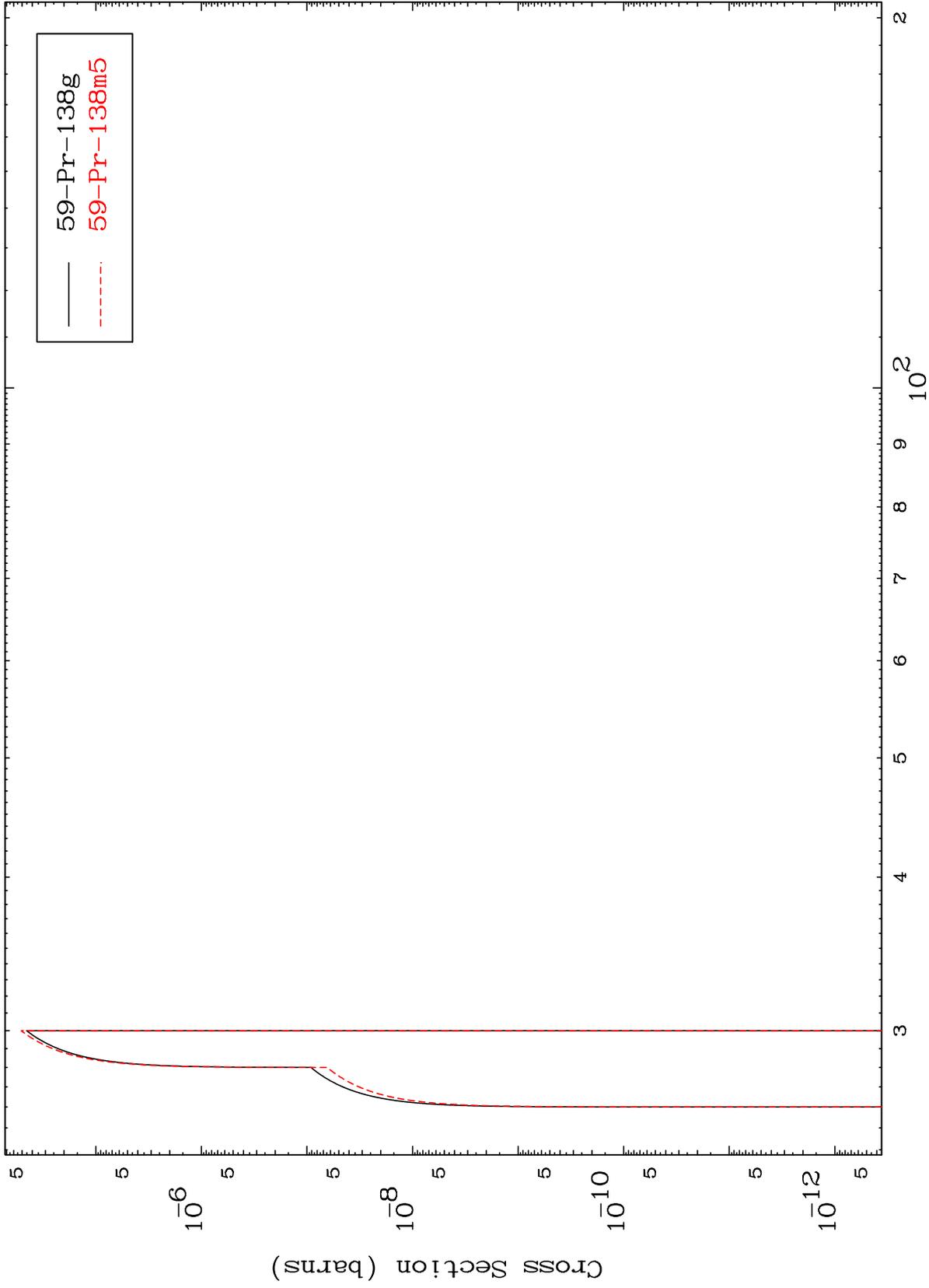
58-Ce-137

MAT 5828

$(\alpha, 2n)$ p

58-Ce-137

Radionuclide Production Cross Section



14

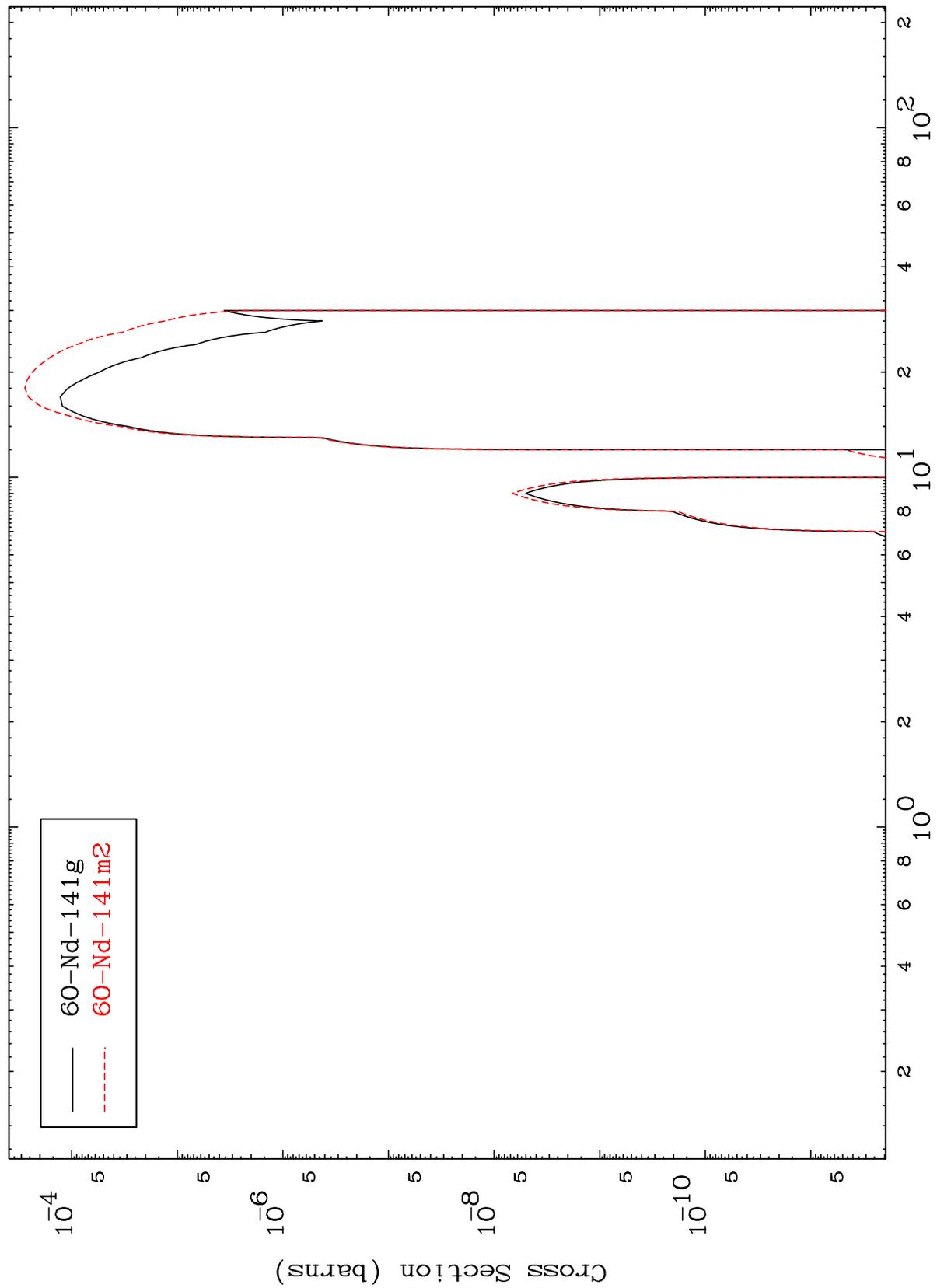
Incident Energy (MeV)

58-Ce-137

MAT 5828

58-Ce-137

(α, γ)
Radionuclide Production Cross Section



— 60-Nd-141g
- - - 60-Nd-141m2

58-Ce-137

Incident Energy (MeV)

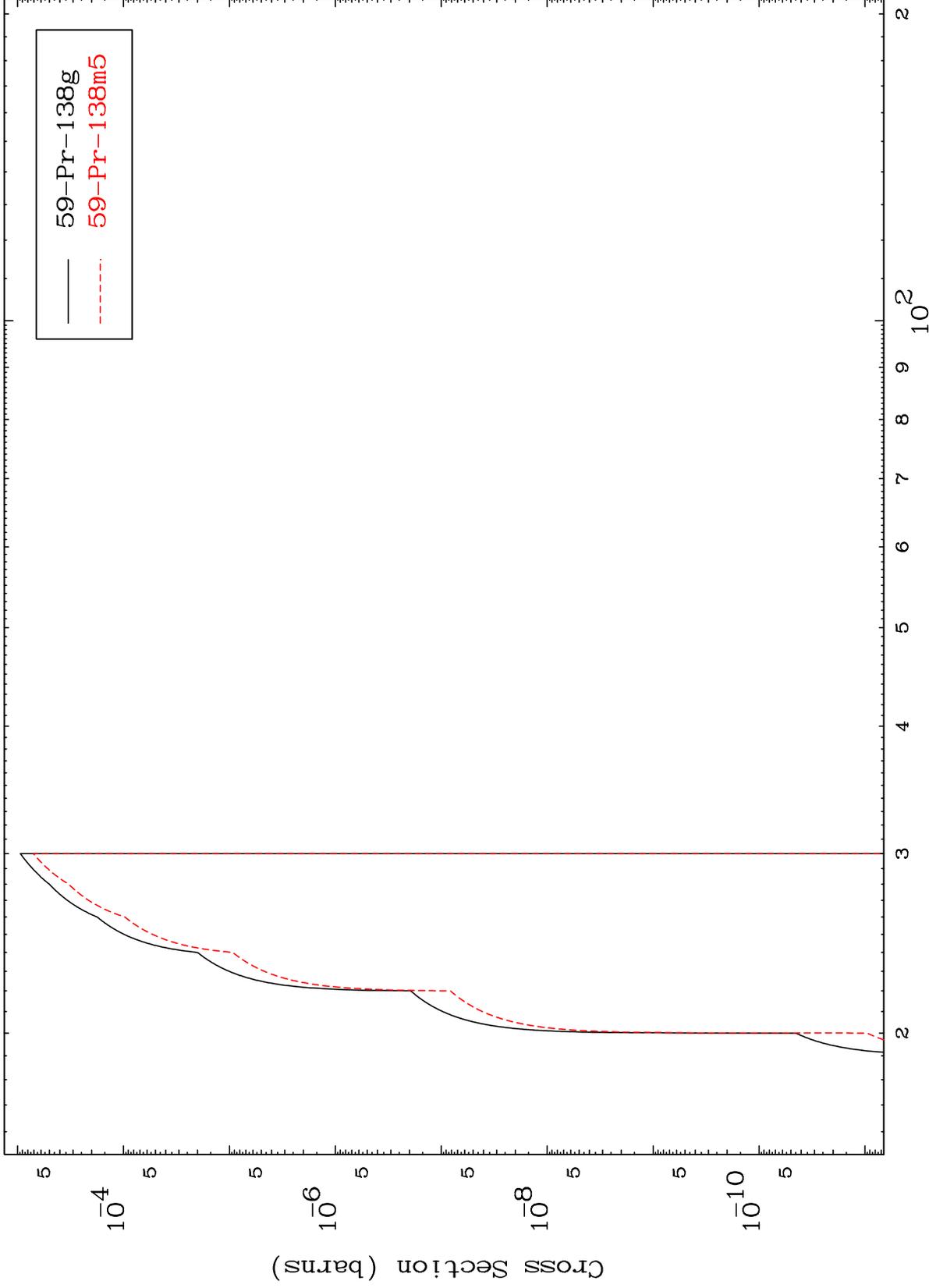
15

MAT 5828

(α, t)

58-Ce-137

Radionuclide Production Cross Section



16

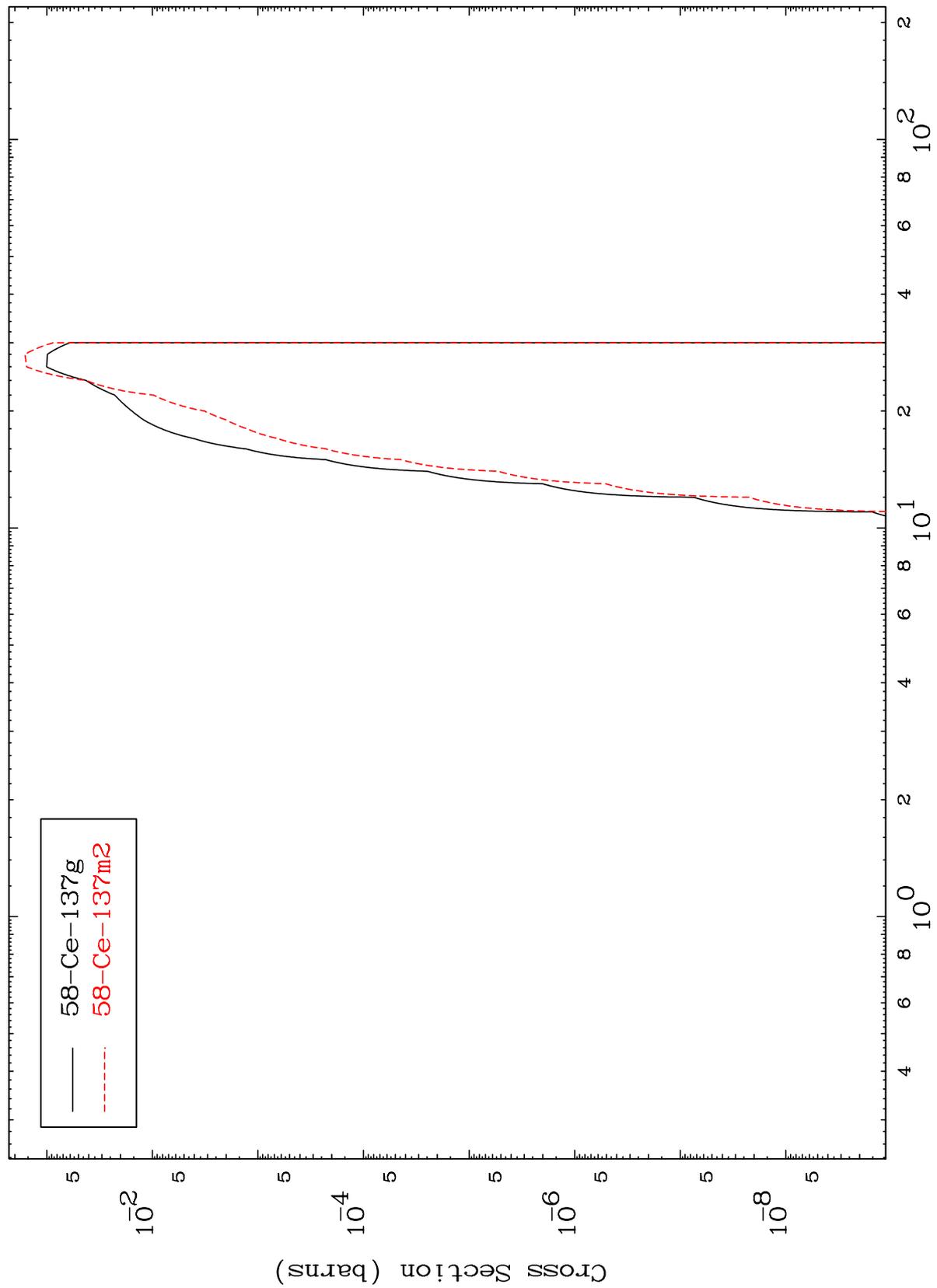
Incident Energy (MeV)

58-Ce-137

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58-Ce-137

(α, α)
Radionuclide Production Cross Section



58-Ce-137g
58-Ce-137m2

58-Ce-137

Incident Energy (MeV)

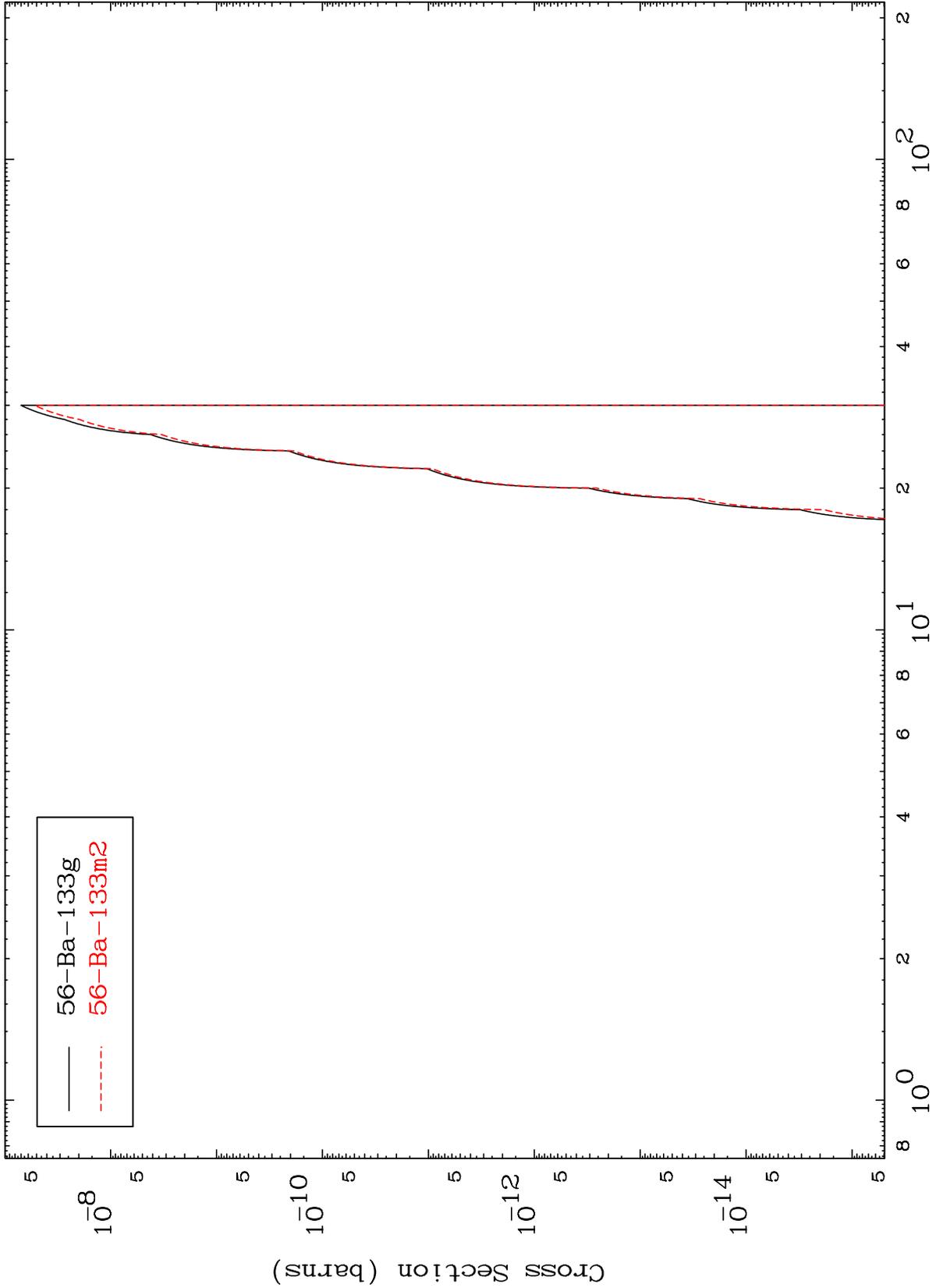
17

MAT 5828

($\alpha, 2\alpha$)

58-Ce-137

Radionuclide Production Cross Section



56-Ba-133g
56-Ba-133m2

18

Incident Energy (MeV)

58-Ce-137

MAT 5828

58-Ce-137

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

