

Program EVALPLOT
(Version 2018-1)

by

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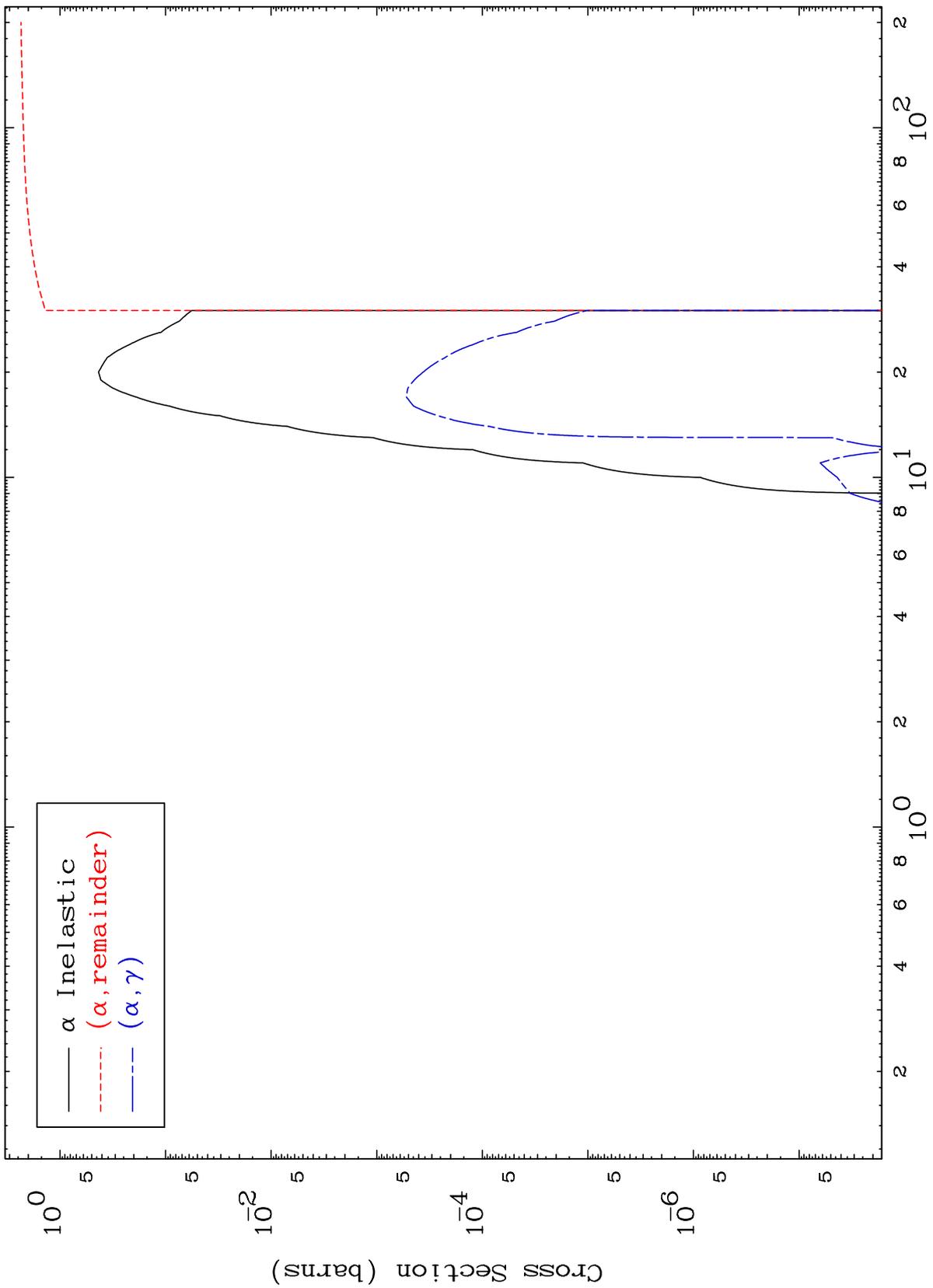
Press Mouse Button to Start

MAT 5829

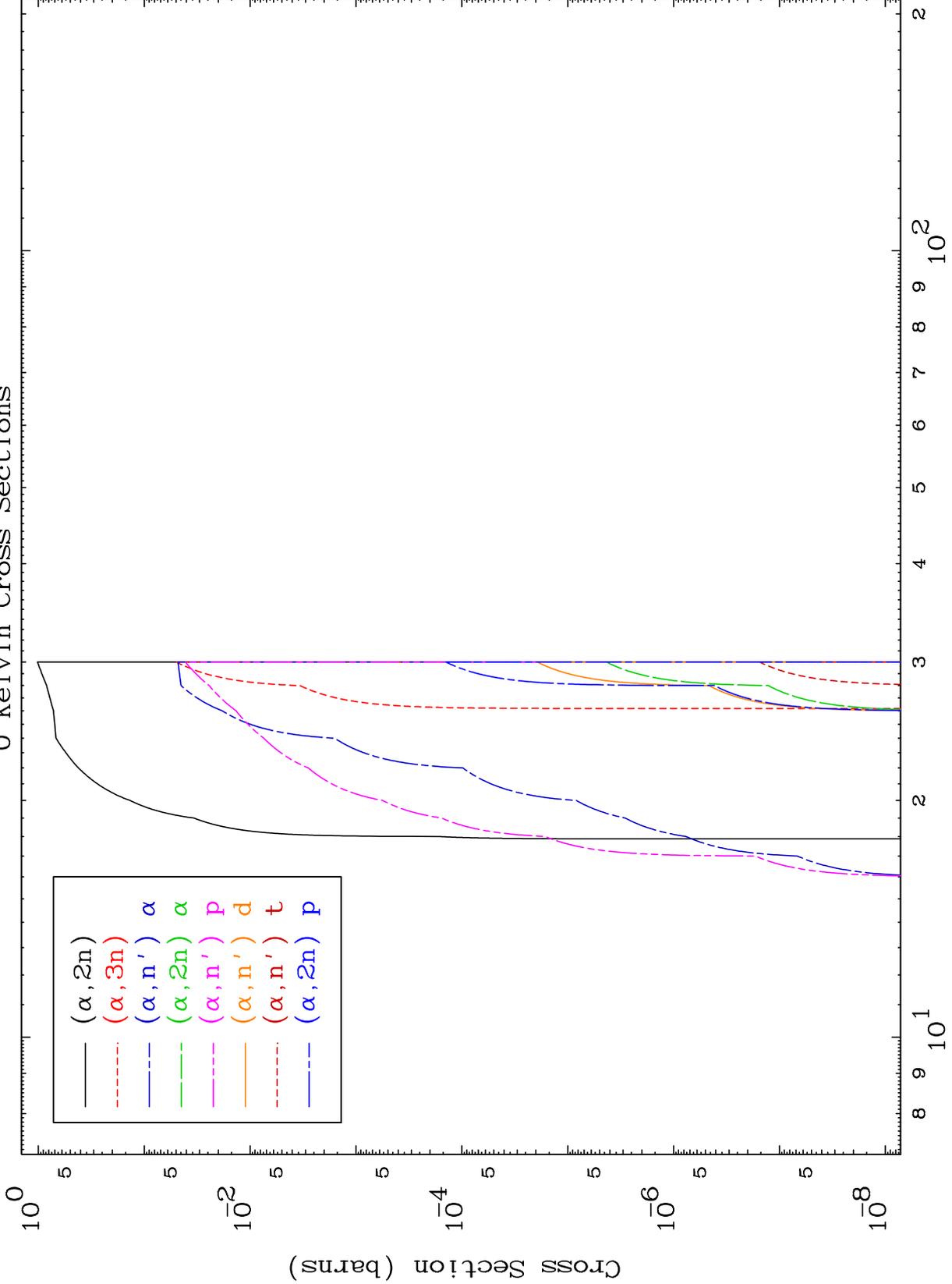
α Major

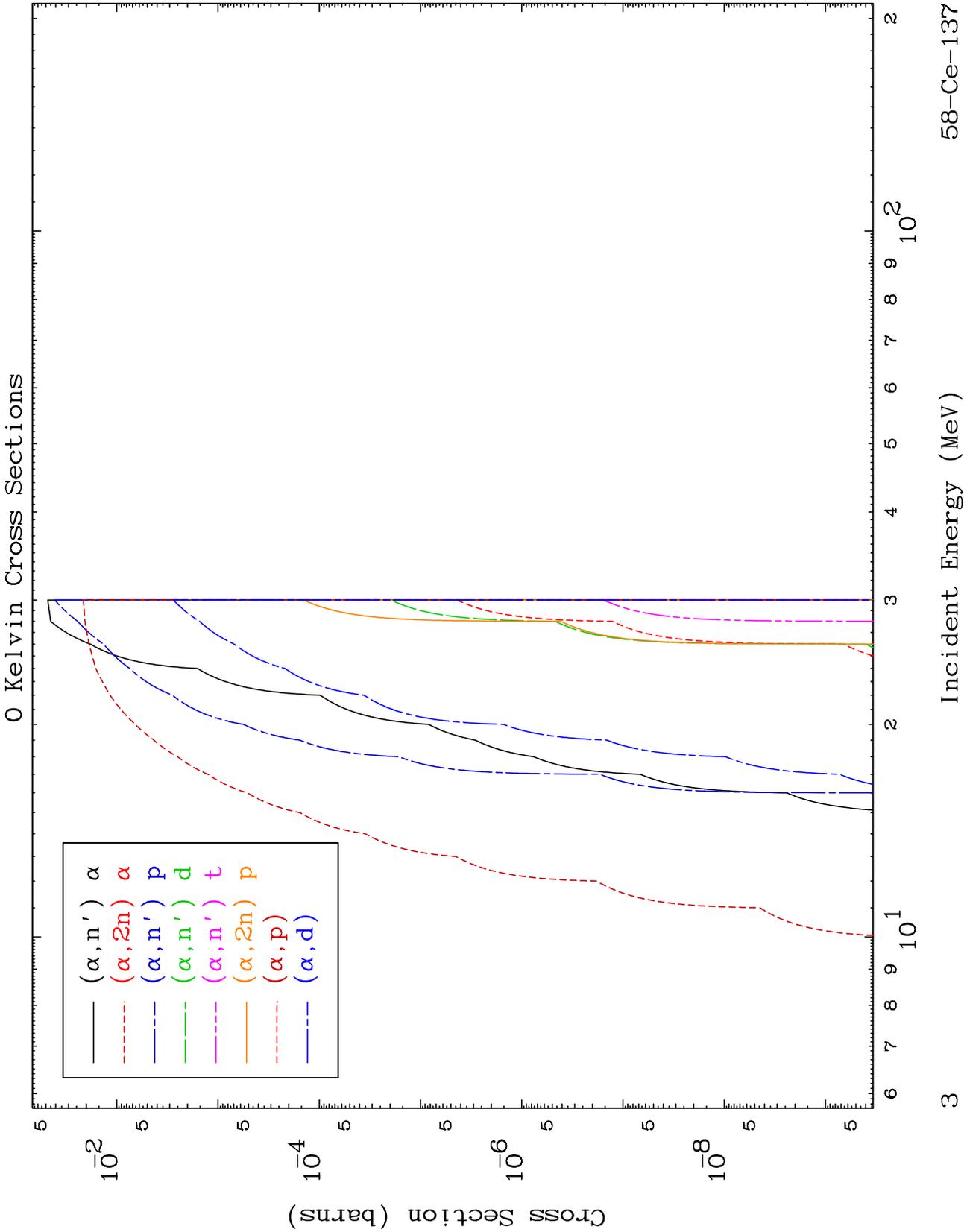
58-Ce-137

0 Kelvin Cross Sections



α Inelastic
(α , remainder)
(α , γ)



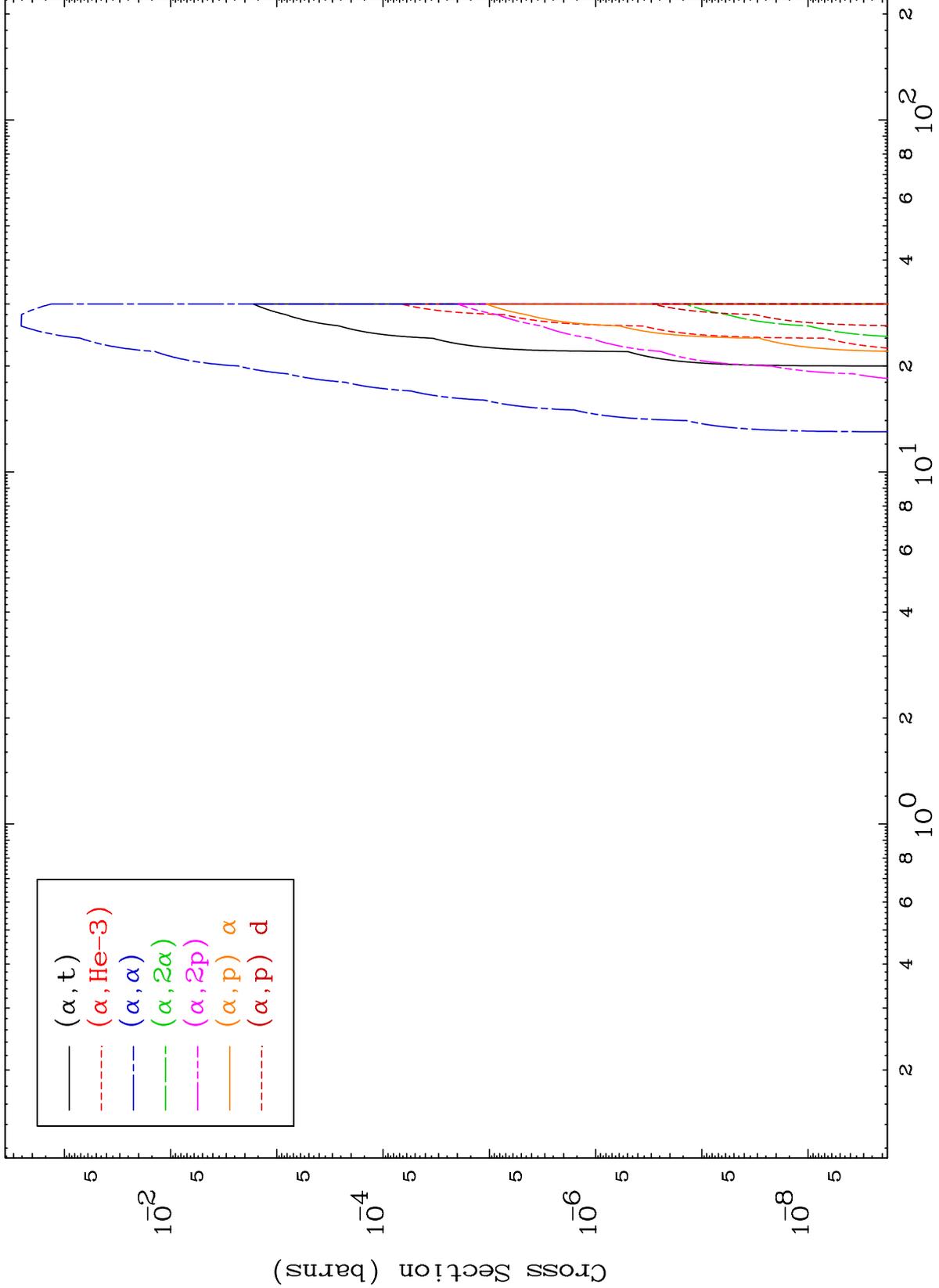


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α Charged Particle

58-Ce-137

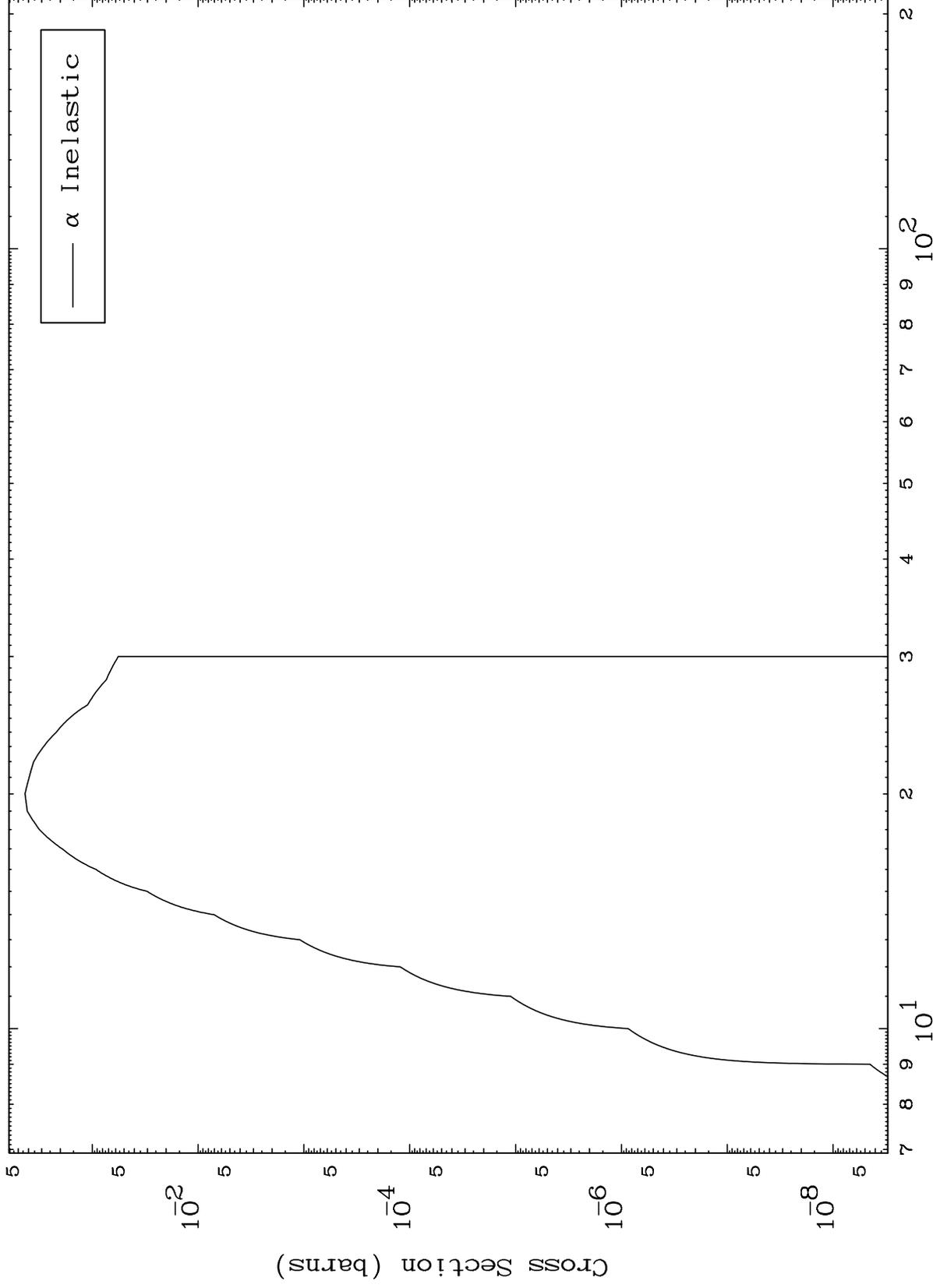
0 Kelvin Cross Sections



MAT 5829

(α, n') Level
0 Kelvin Cross Sections

58-Ce-137



5

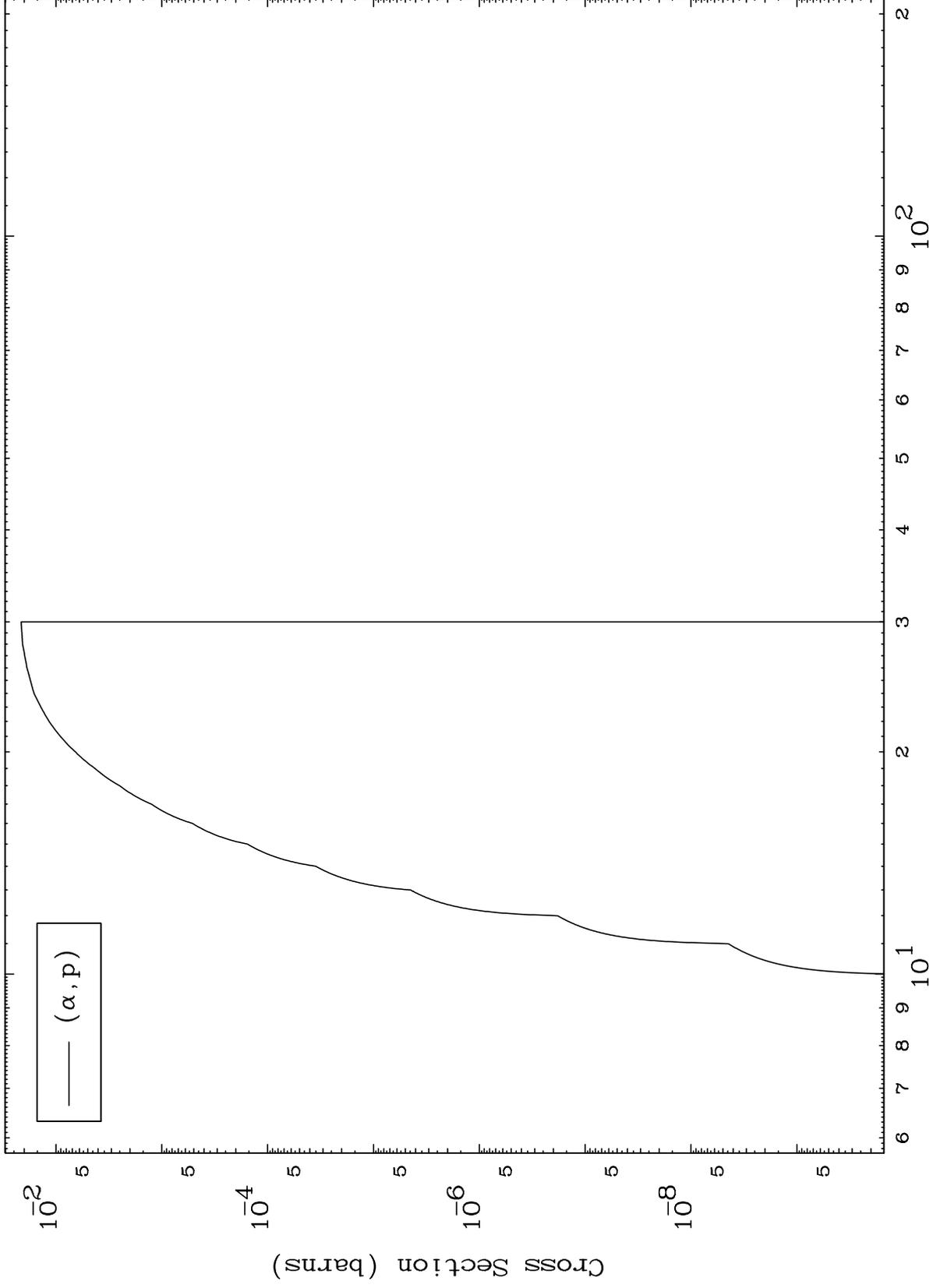
Incident Energy (MeV)

58-Ce-137

MAT 5829

(α, p) Levels
0 Kelvin Cross Sections

58-Ce-137



6

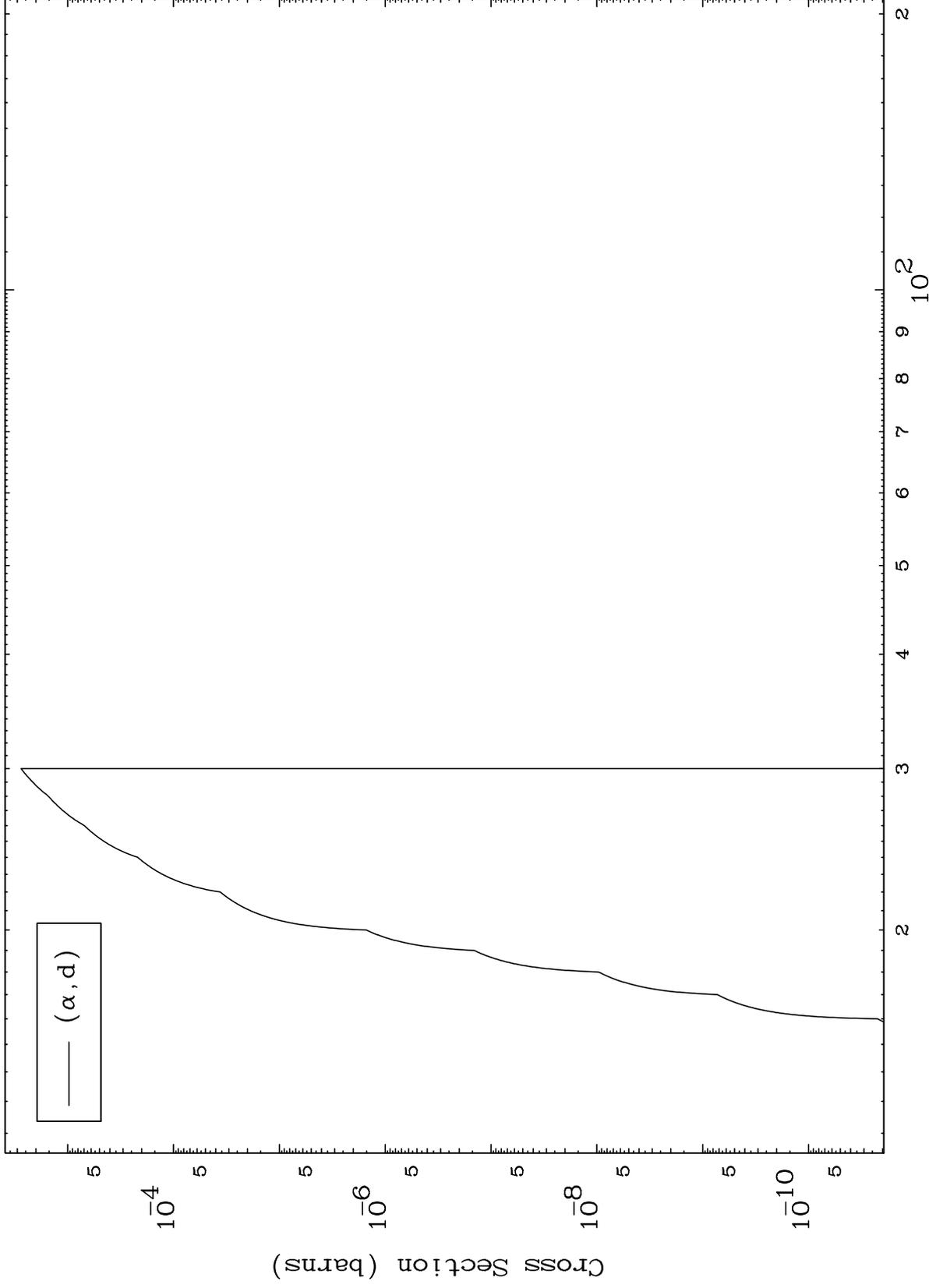
Incident Energy (MeV)

58-Ce-137

MAT 5829

(α, d) Levels
0 Kelvin Cross Sections

58-Ce-137



7

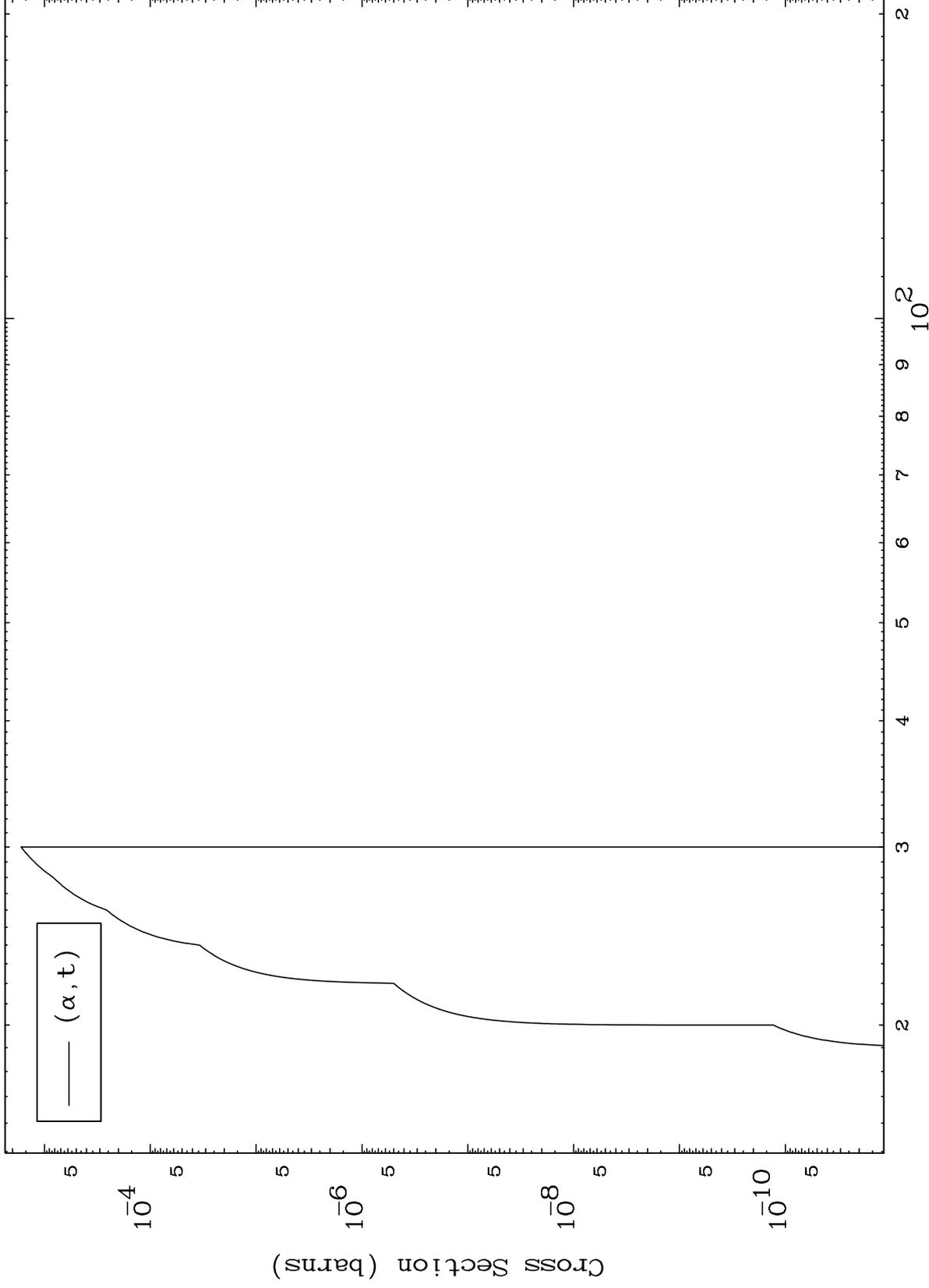
Incident Energy (MeV)

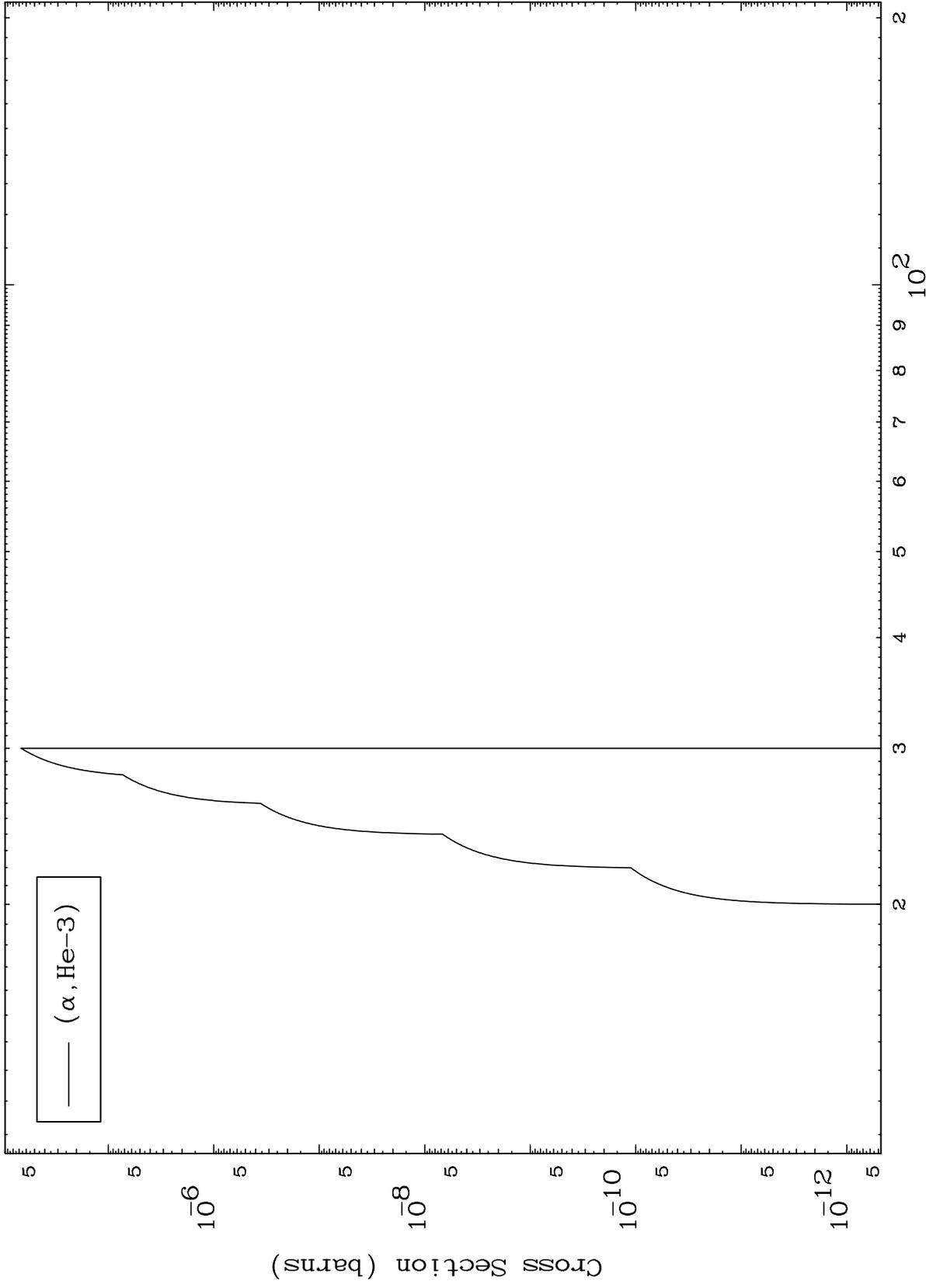
58-Ce-137

MAT 5829

(α, t) Levels
0 Kelvin Cross Sections

58-Ce-137



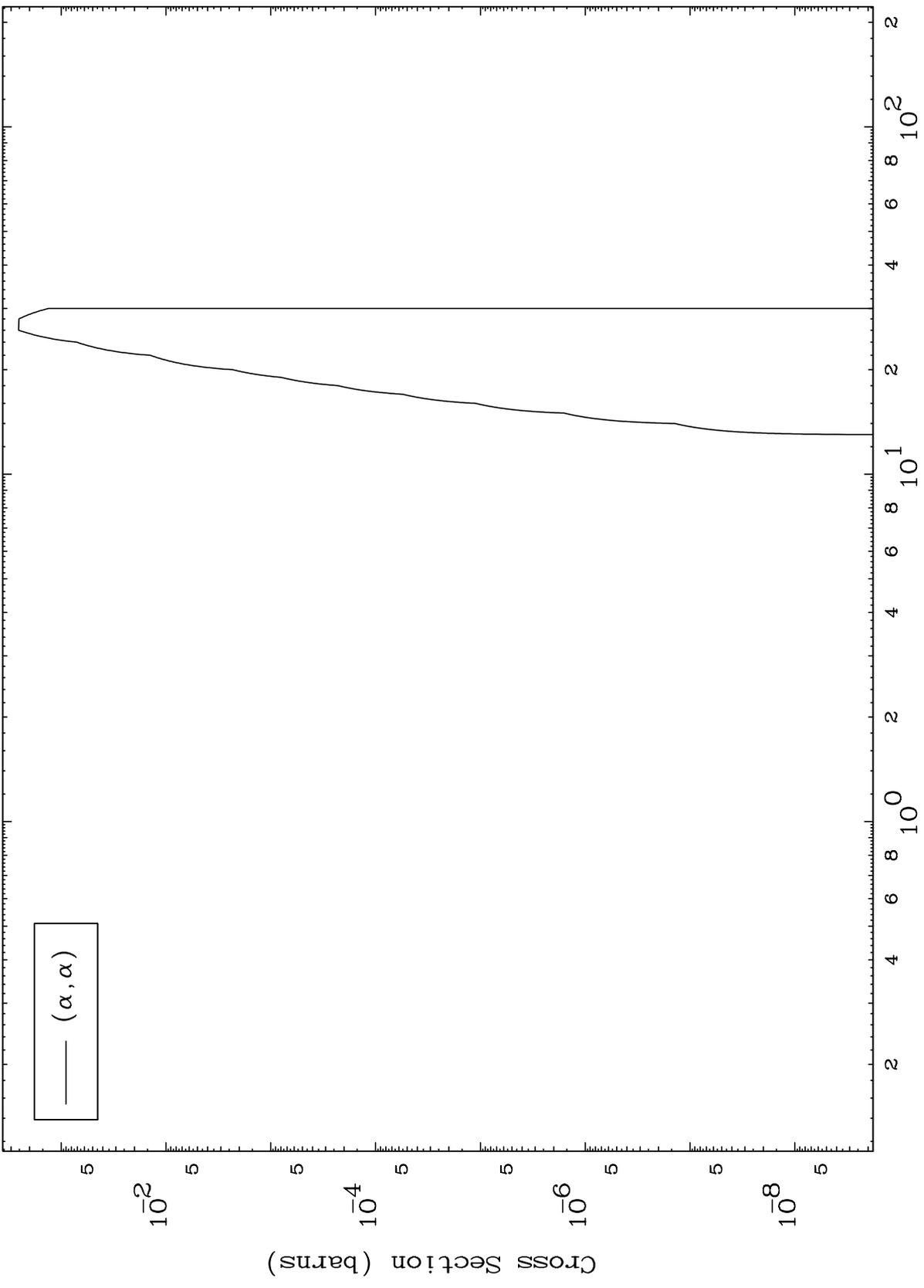


MAT 5829

(α, α) Levels

58-Ce-137

0 Kelvin Cross Sections



10

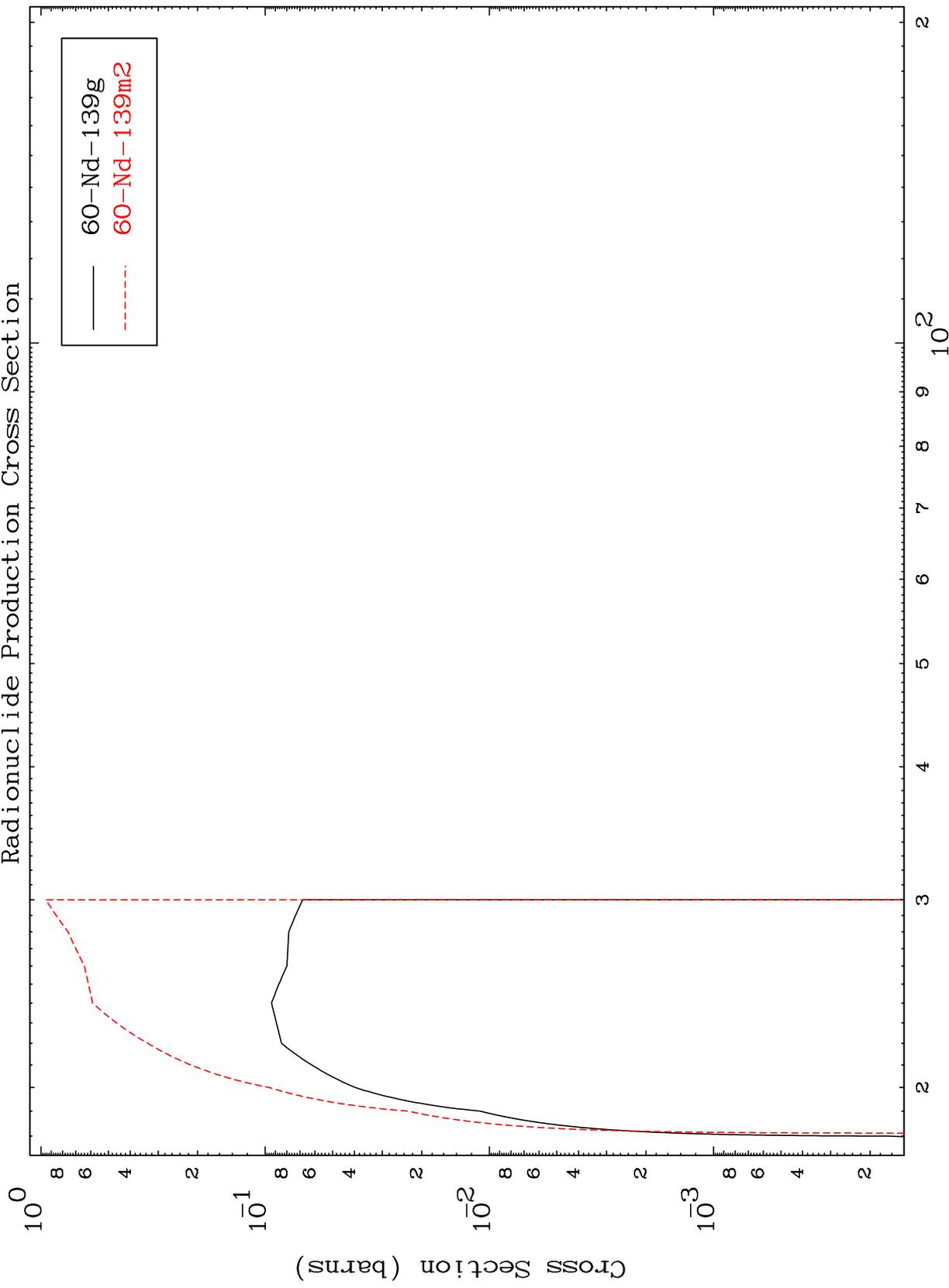
Incident Energy (MeV)

58-Ce-137

MAT 5829

58-Ce-137

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



11

Incident Energy (MeV)

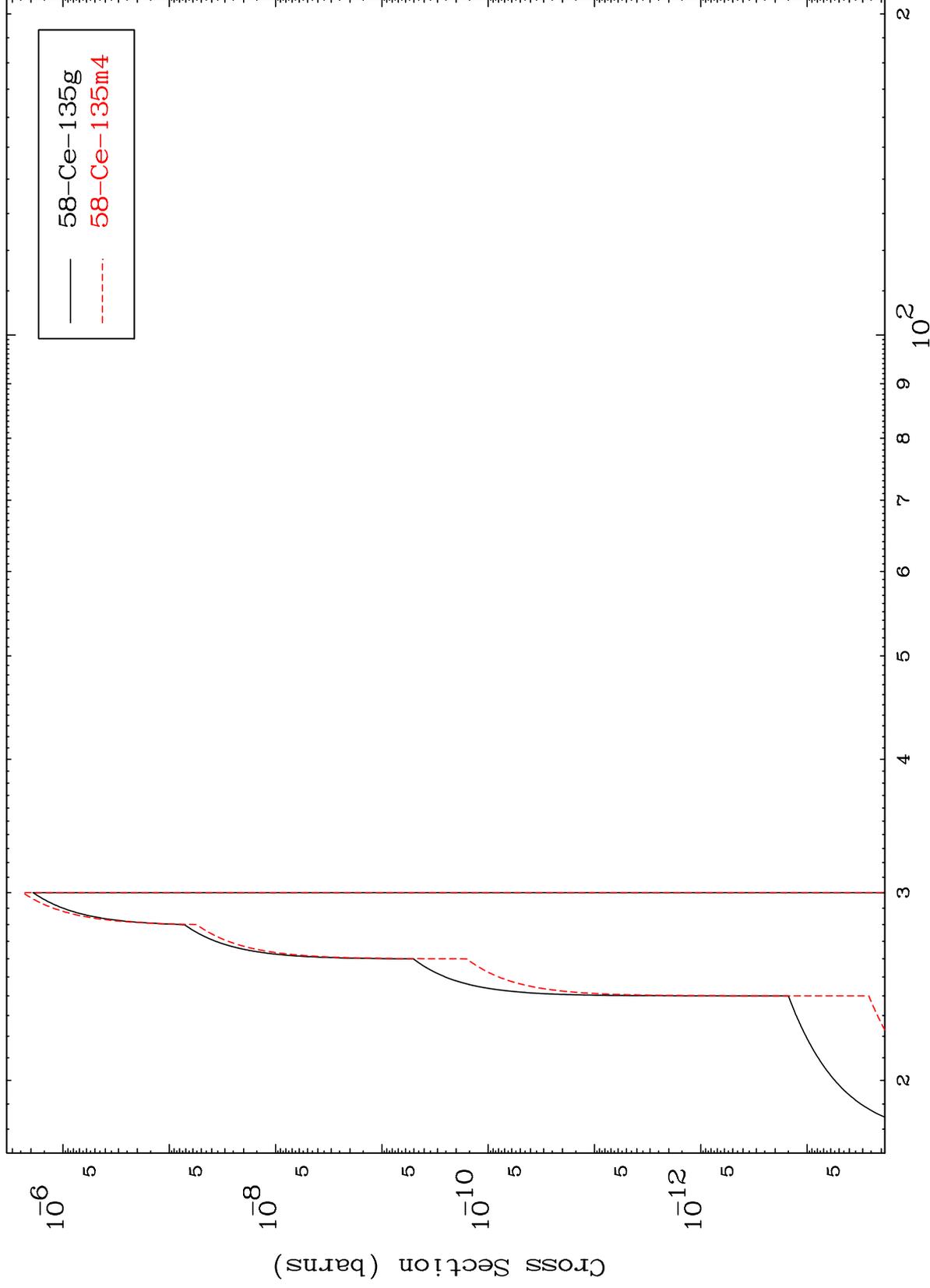
58-Ce-137

MAT 5829

58-Ce-137

$(\alpha, 2n)$ α

Radionuclide Production Cross Section



12

Incident Energy (MeV)

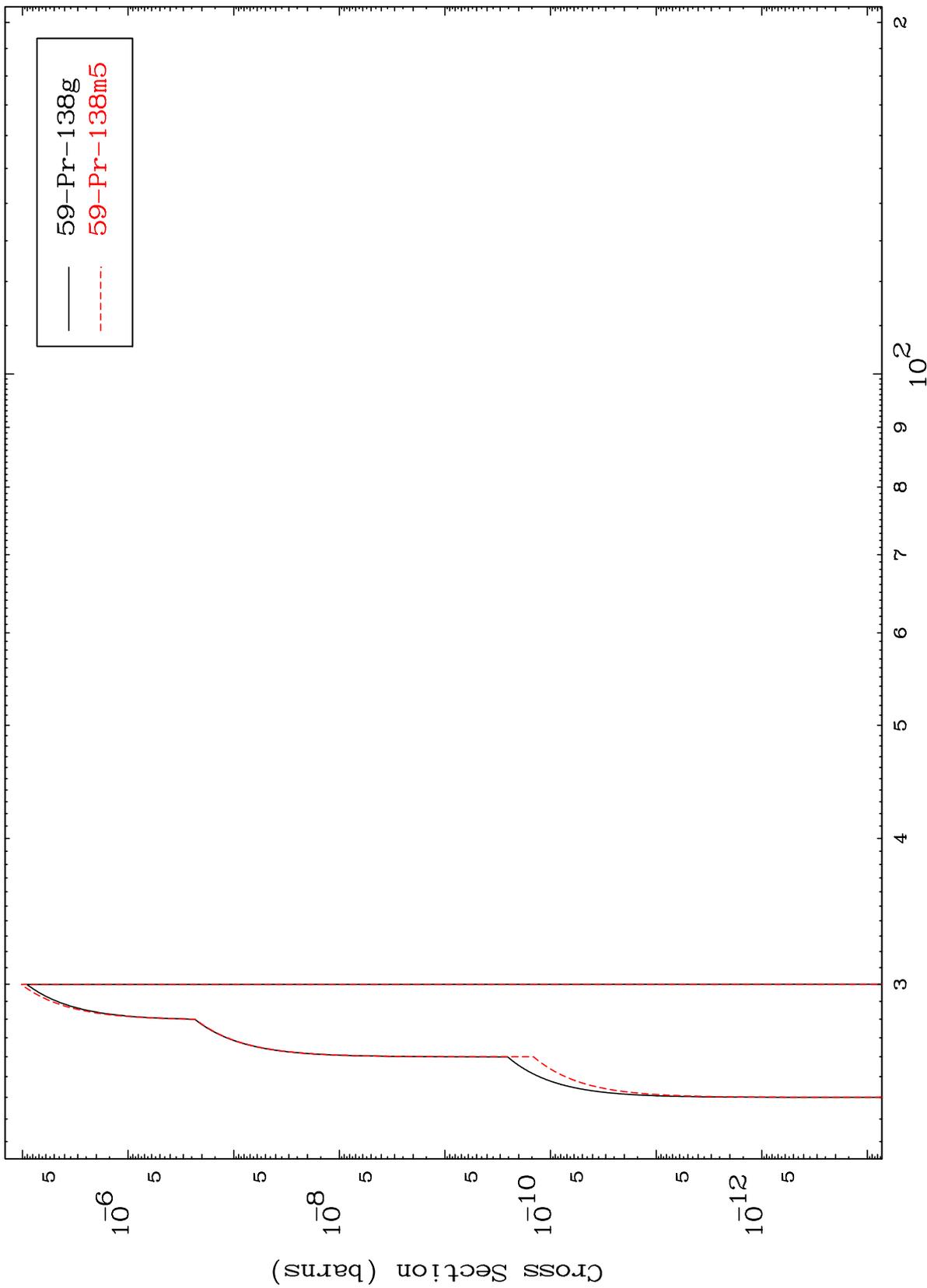
58-Ce-137

MAT 5829

(α, n') d

58-Ce-137

Radionuclide Production Cross Section



13

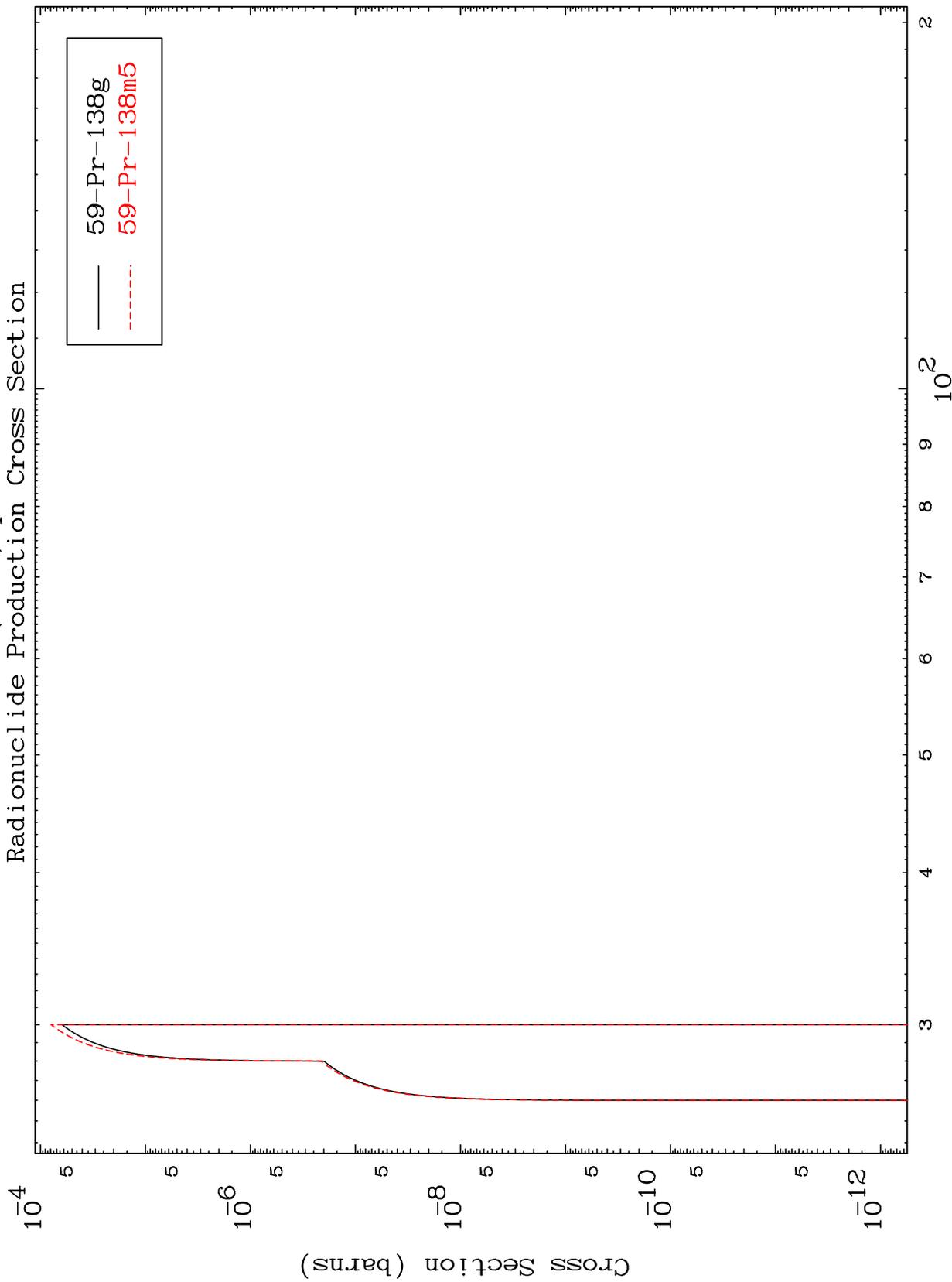
Incident Energy (MeV)

58-Ce-137

MAT 58229

58-Ce-137

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



58-Ce-137

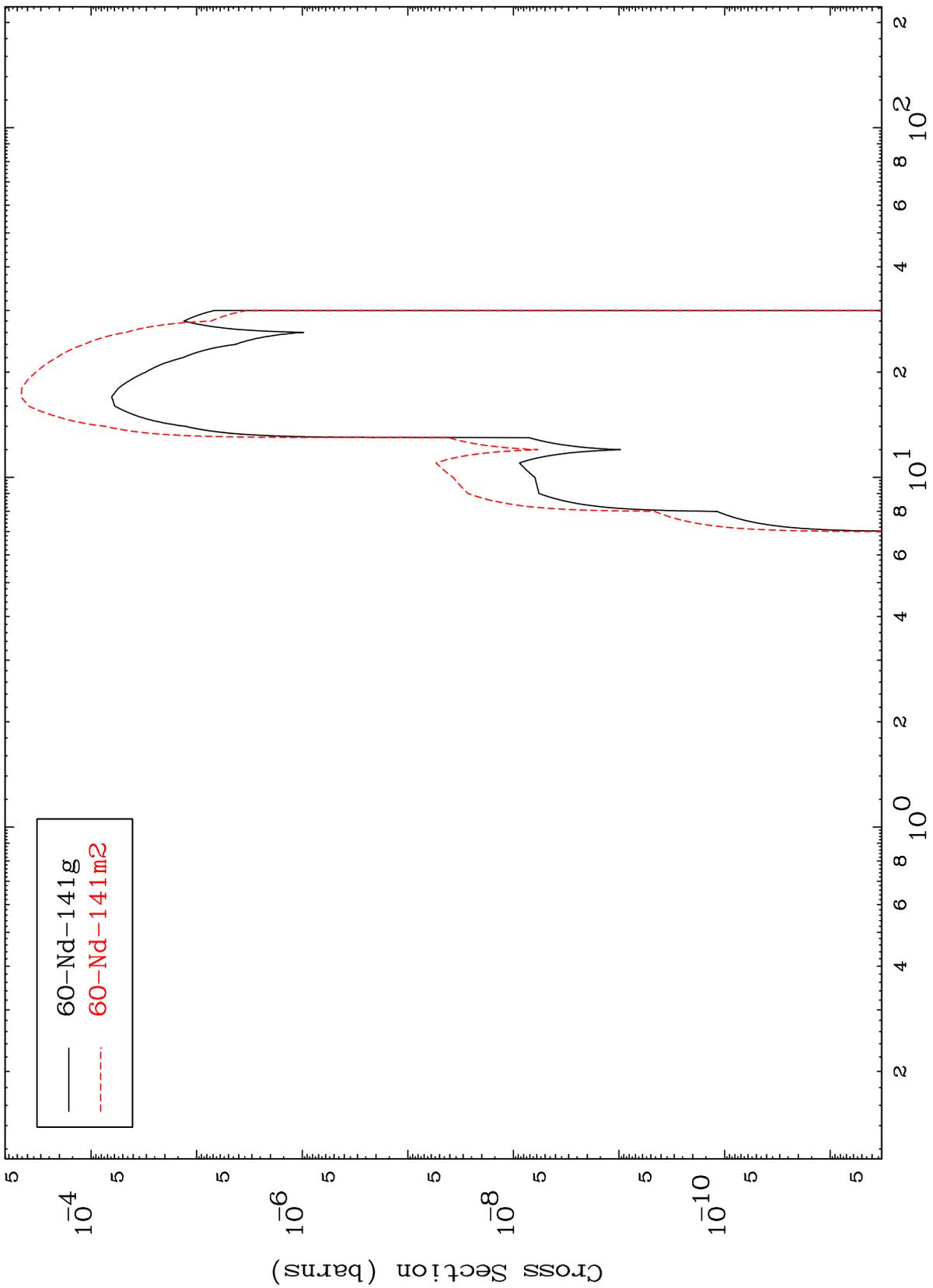
Incident Energy (MeV)

14

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58-Ce-137

(α, γ)
Radionuclide Production Cross Section



— 60-Nd-141g
- - - 60-Nd-141m2

58-Ce-137

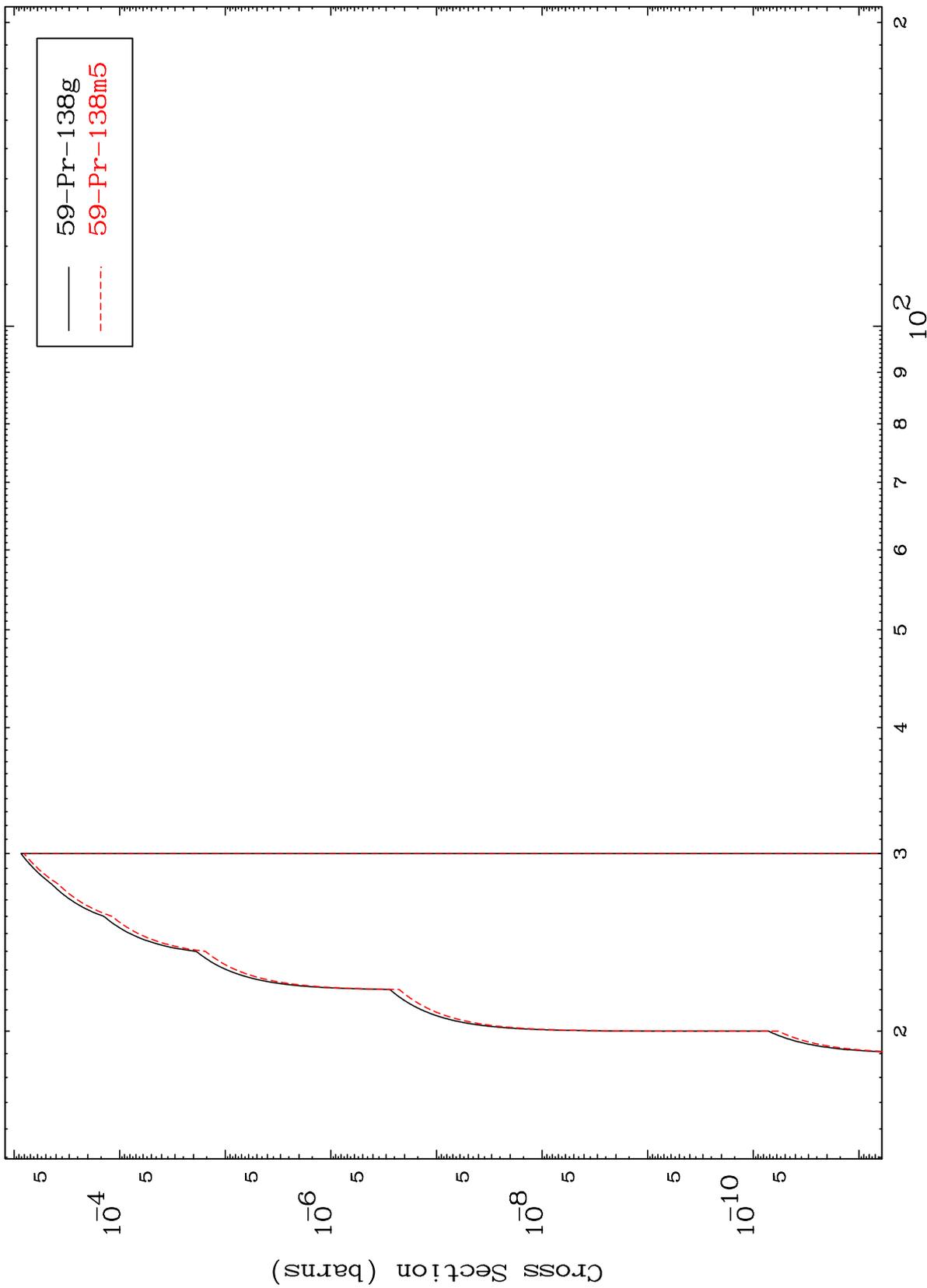
Incident Energy (MeV)

15

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58-Ce-137

(α, t)
Radionuclide Production Cross Section



16

58-Ce-137

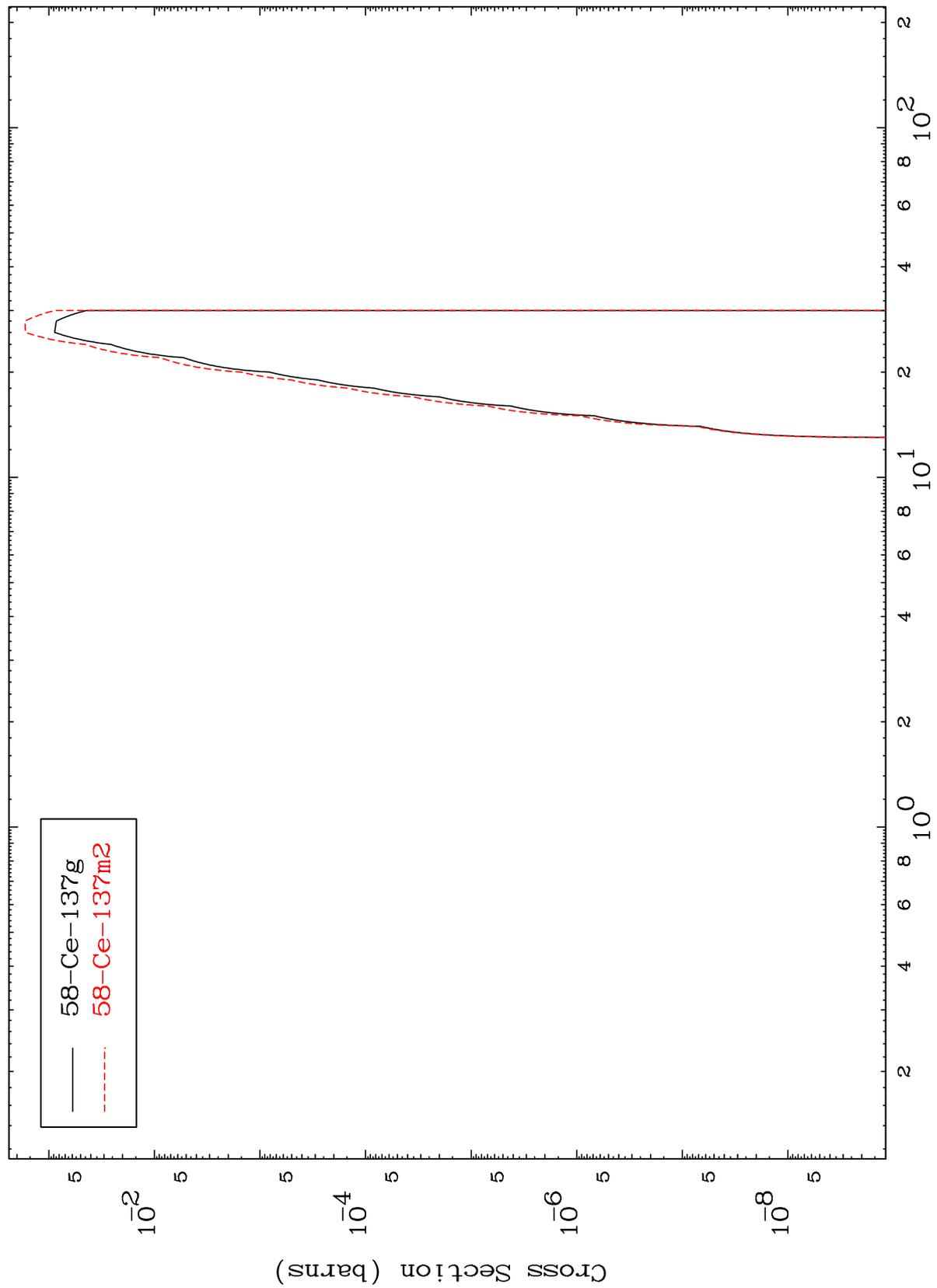
Incident Energy (MeV)

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(α, α)

58-Ce-137

Radionuclide Production Cross Section



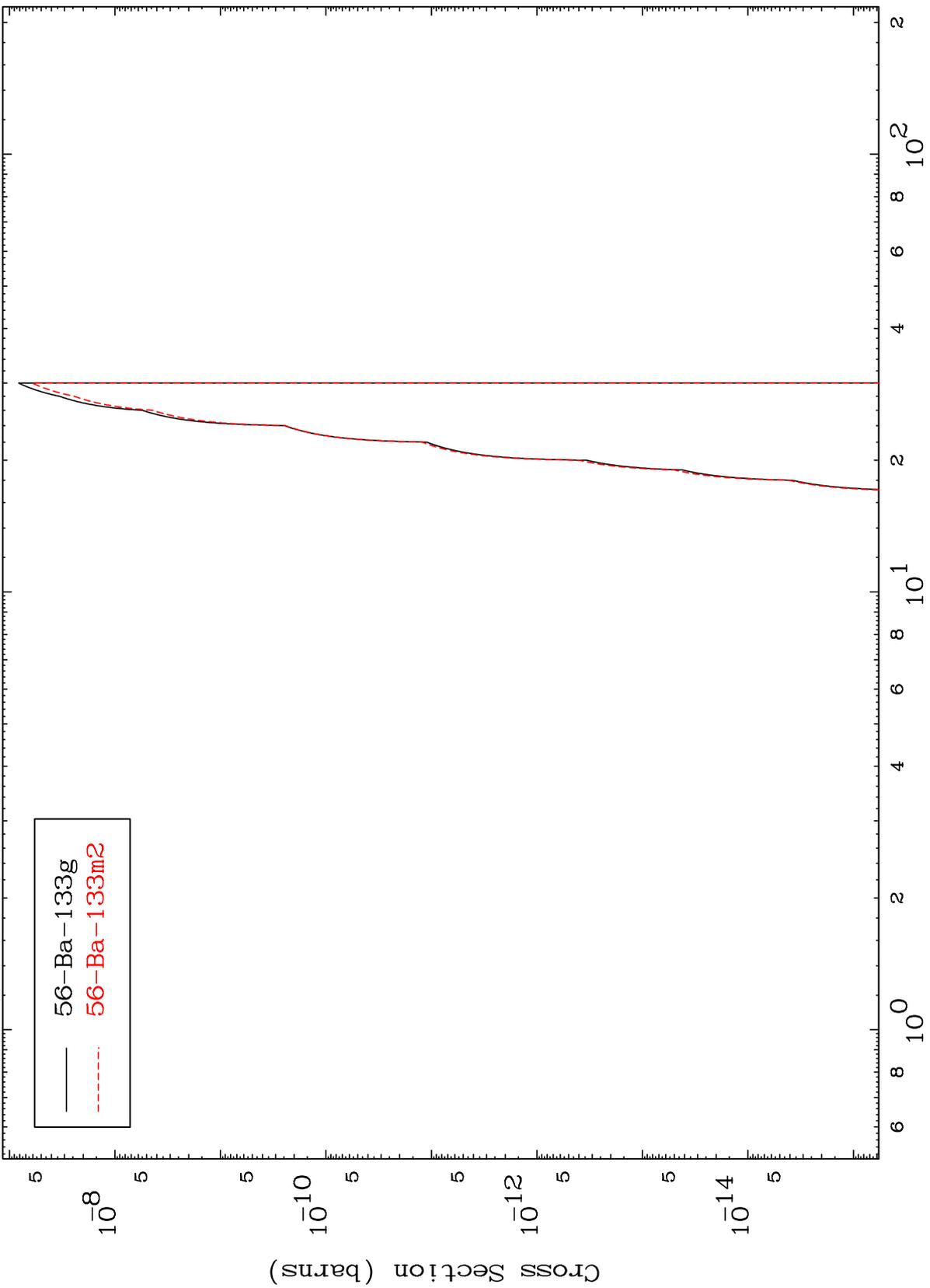
58-Ce-137g
58-Ce-137m2

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($\alpha, 2\alpha$)

58-Ce-137

Radionuclide Production Cross Section



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

18

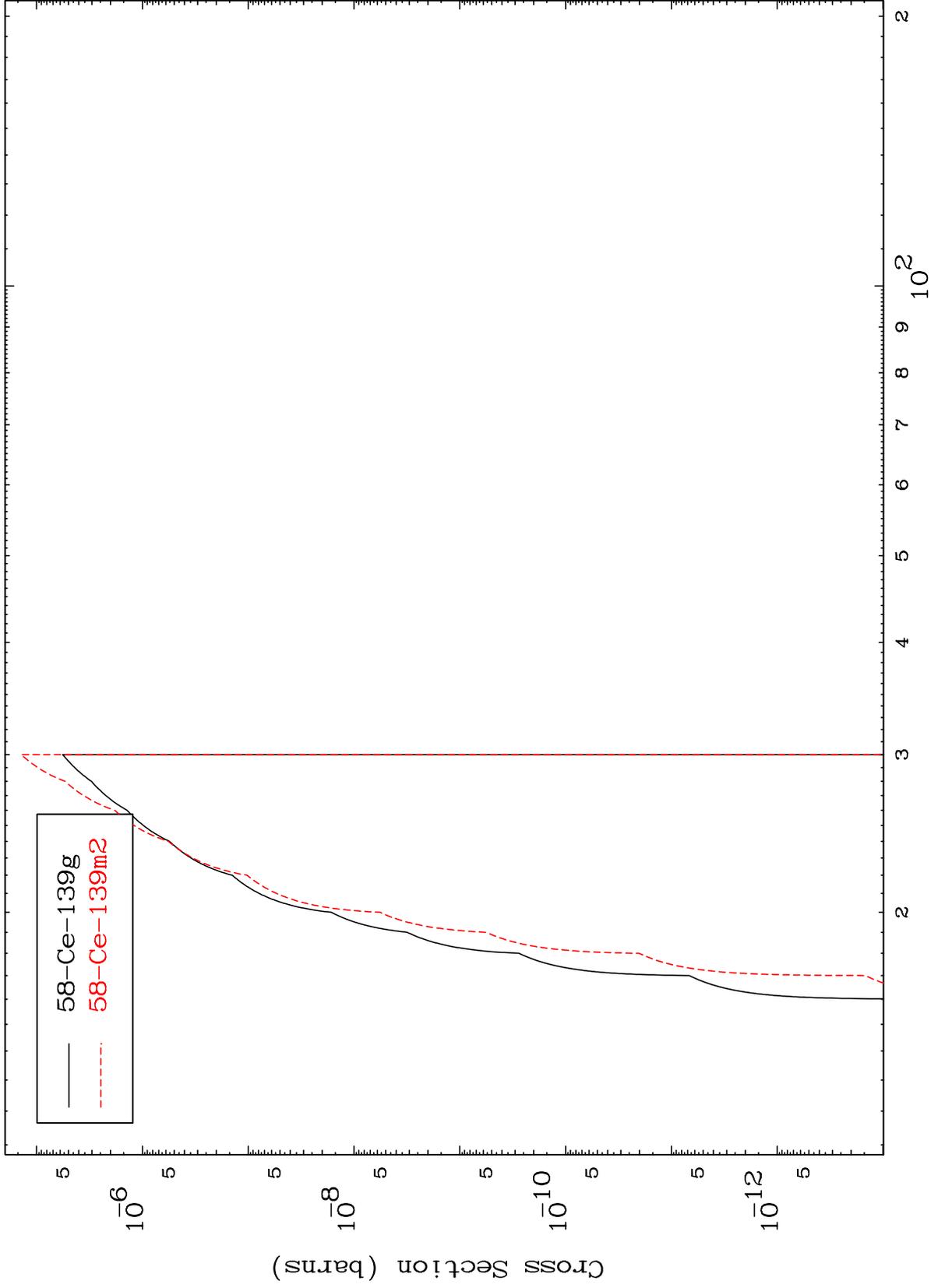
Incident Energy (MeV)

58-Ce-137

MAT 5829

58-Ce-137

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



19

Incident Energy (MeV)

58-Ce-137