

Program EVALPLOT
(Version 2018-1)

by

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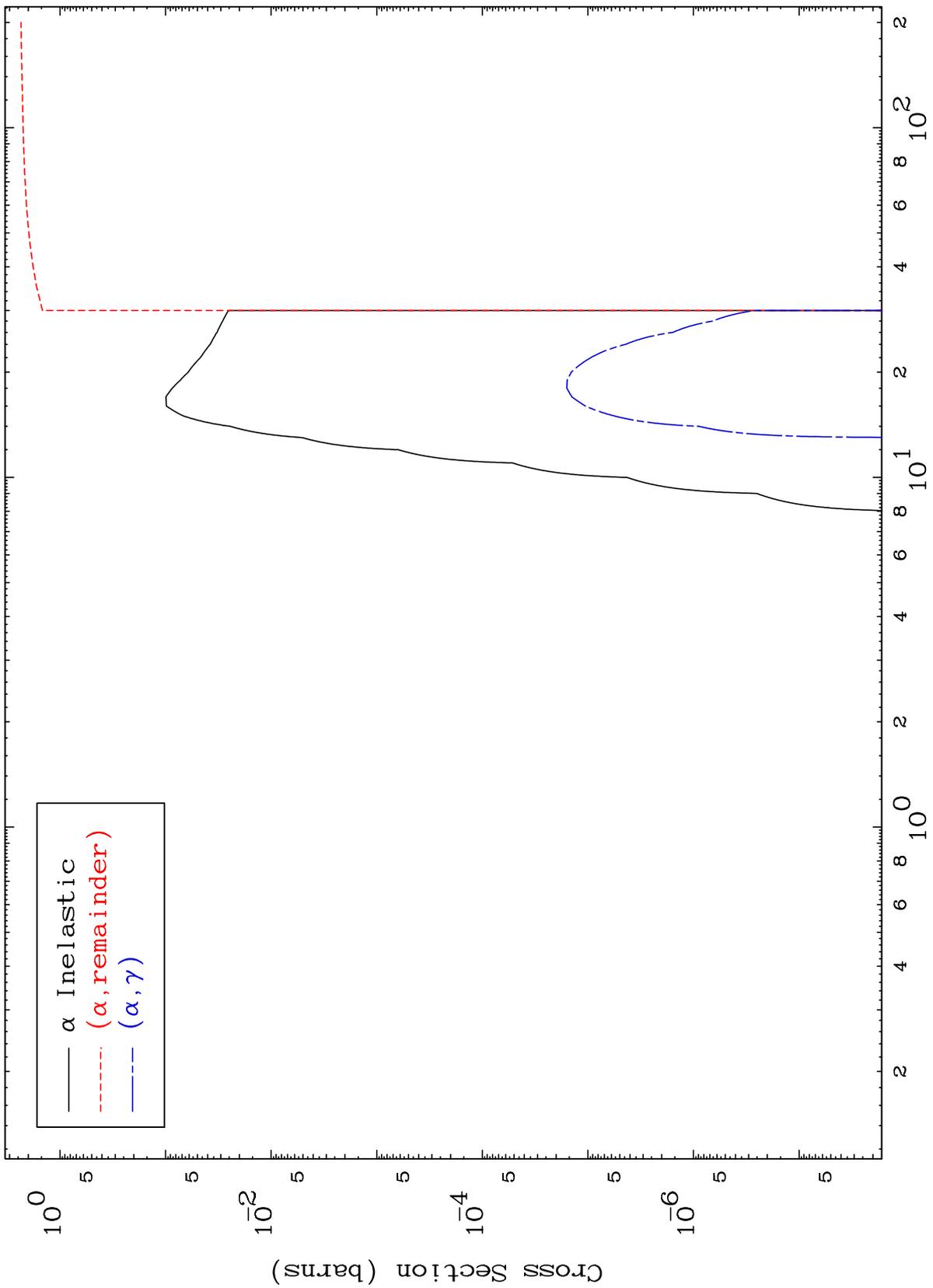
Press Mouse Button to Start

MAT 5534

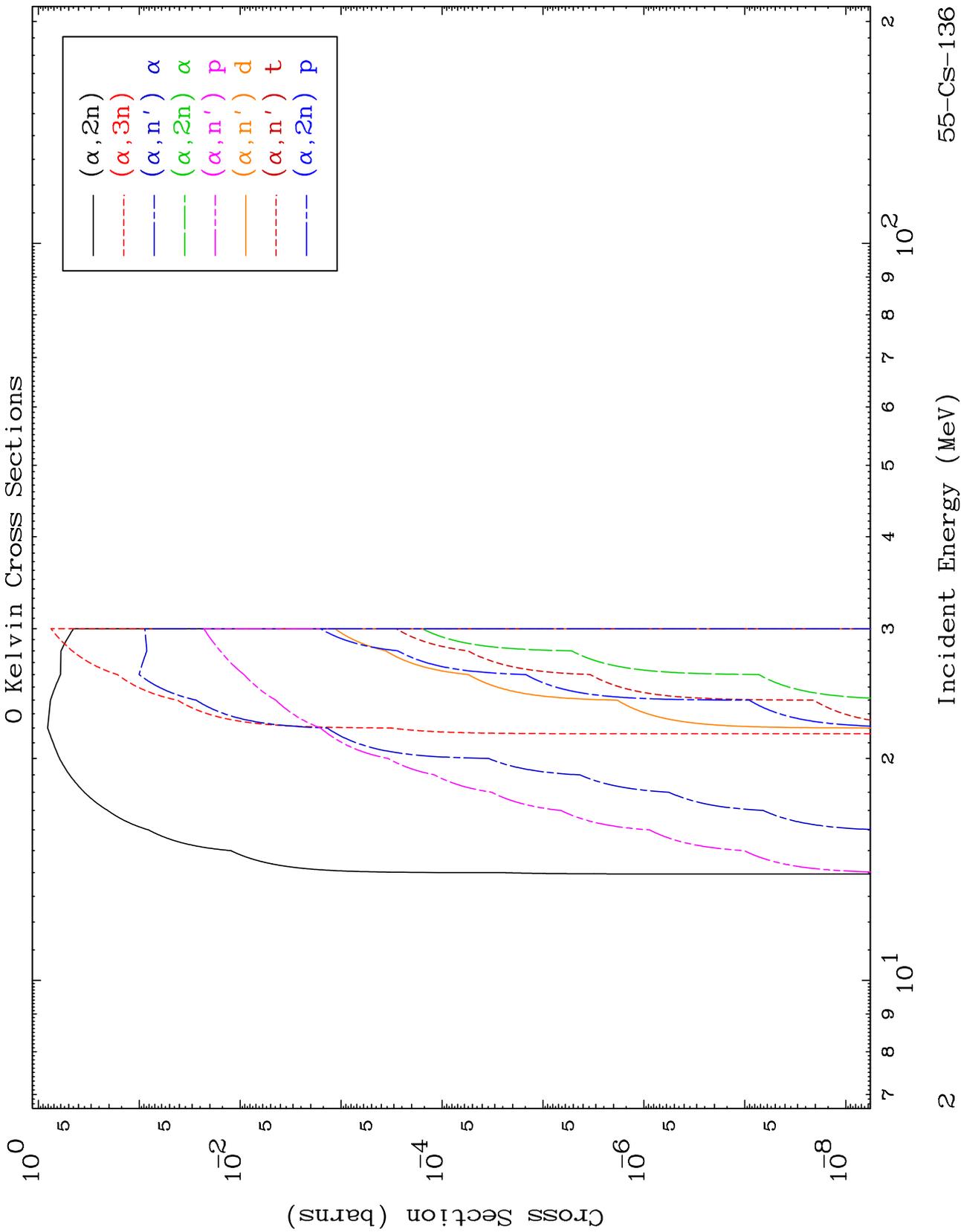
α Major

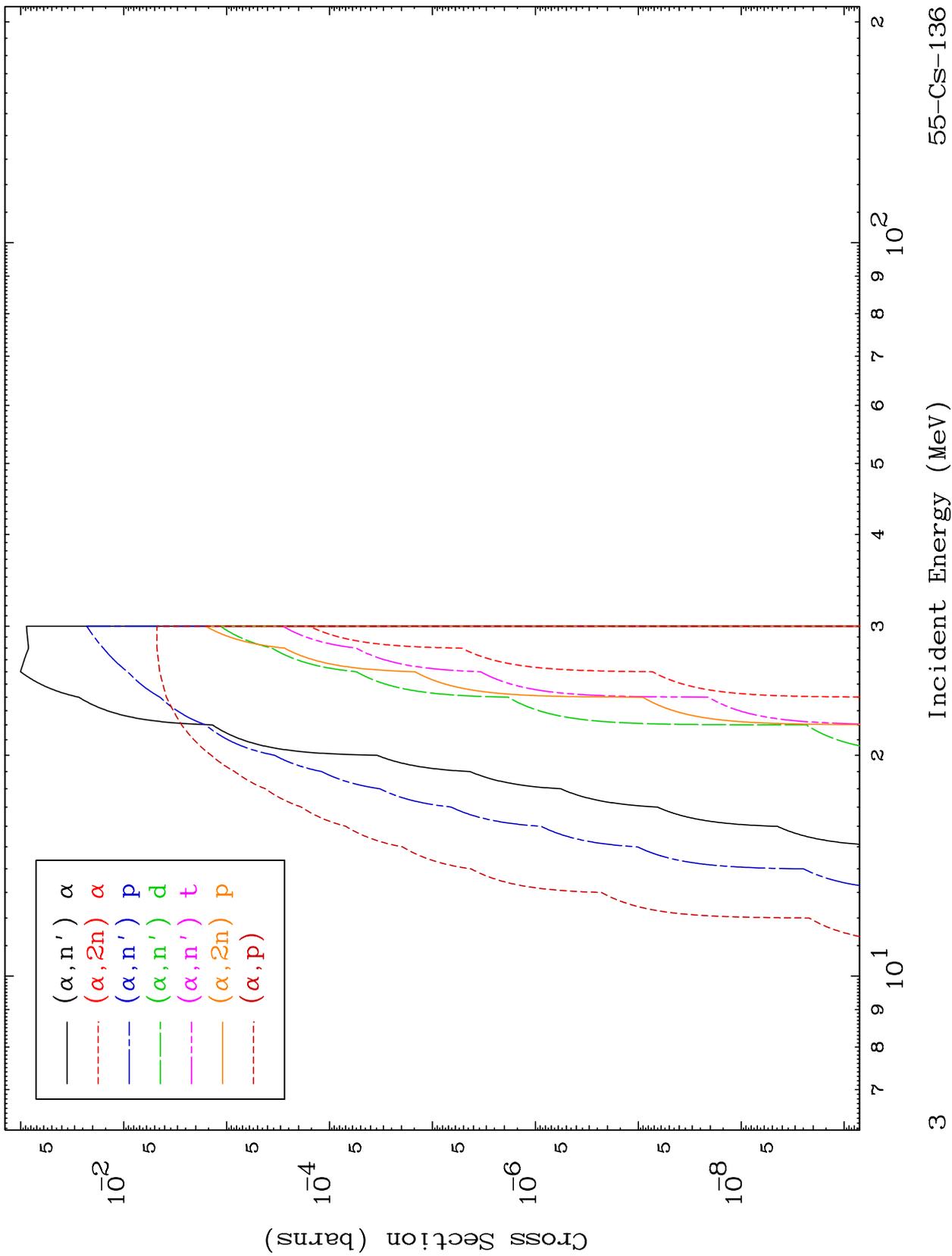
55-Cs-136

0 Kelvin Cross Sections



α Inelastic
(α , remainder)
(α , γ)



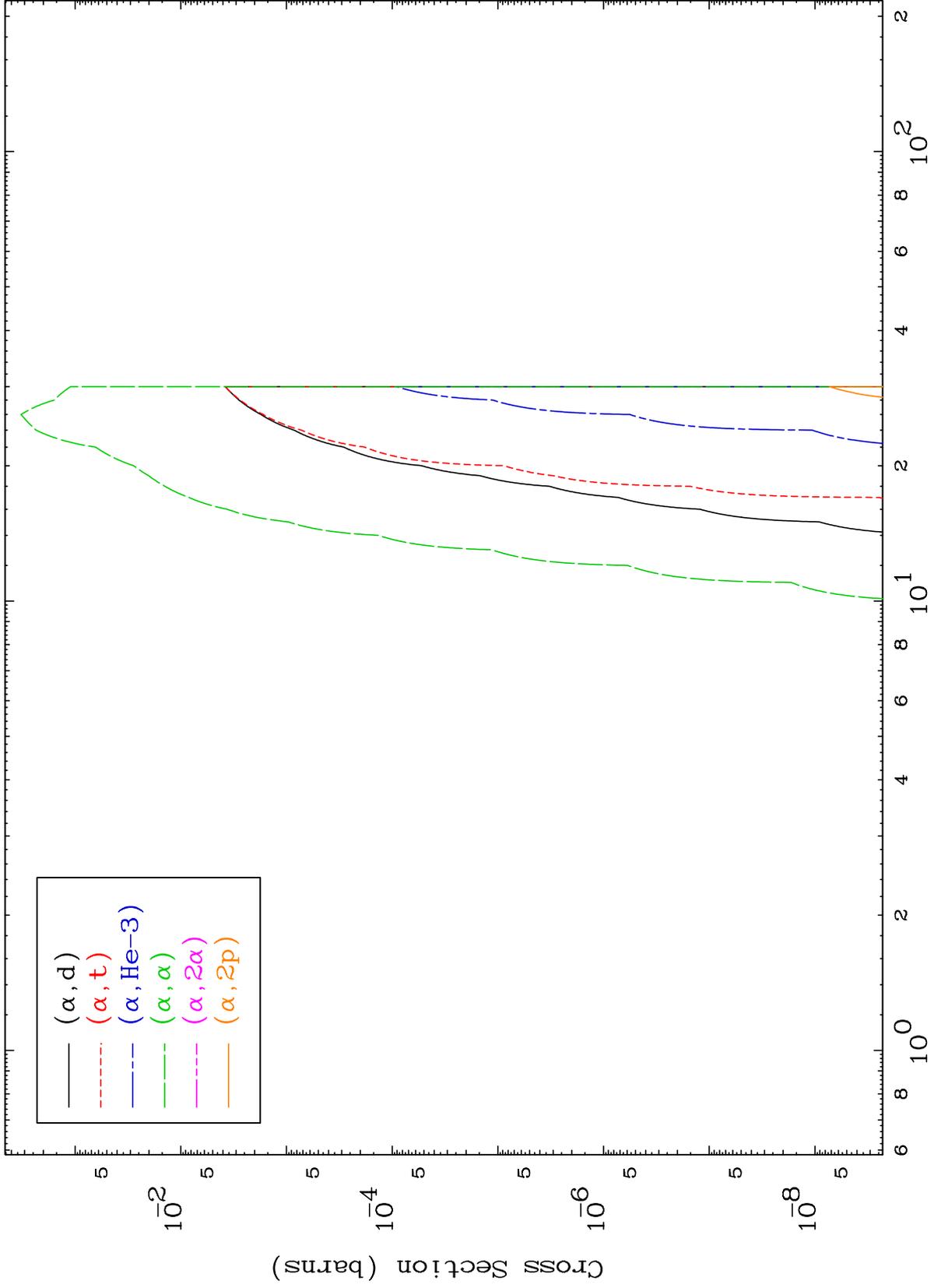


MAT 5534

α Charged Particle

55-Cs-136

0 Kelvin Cross Sections



4

Incident Energy (MeV)

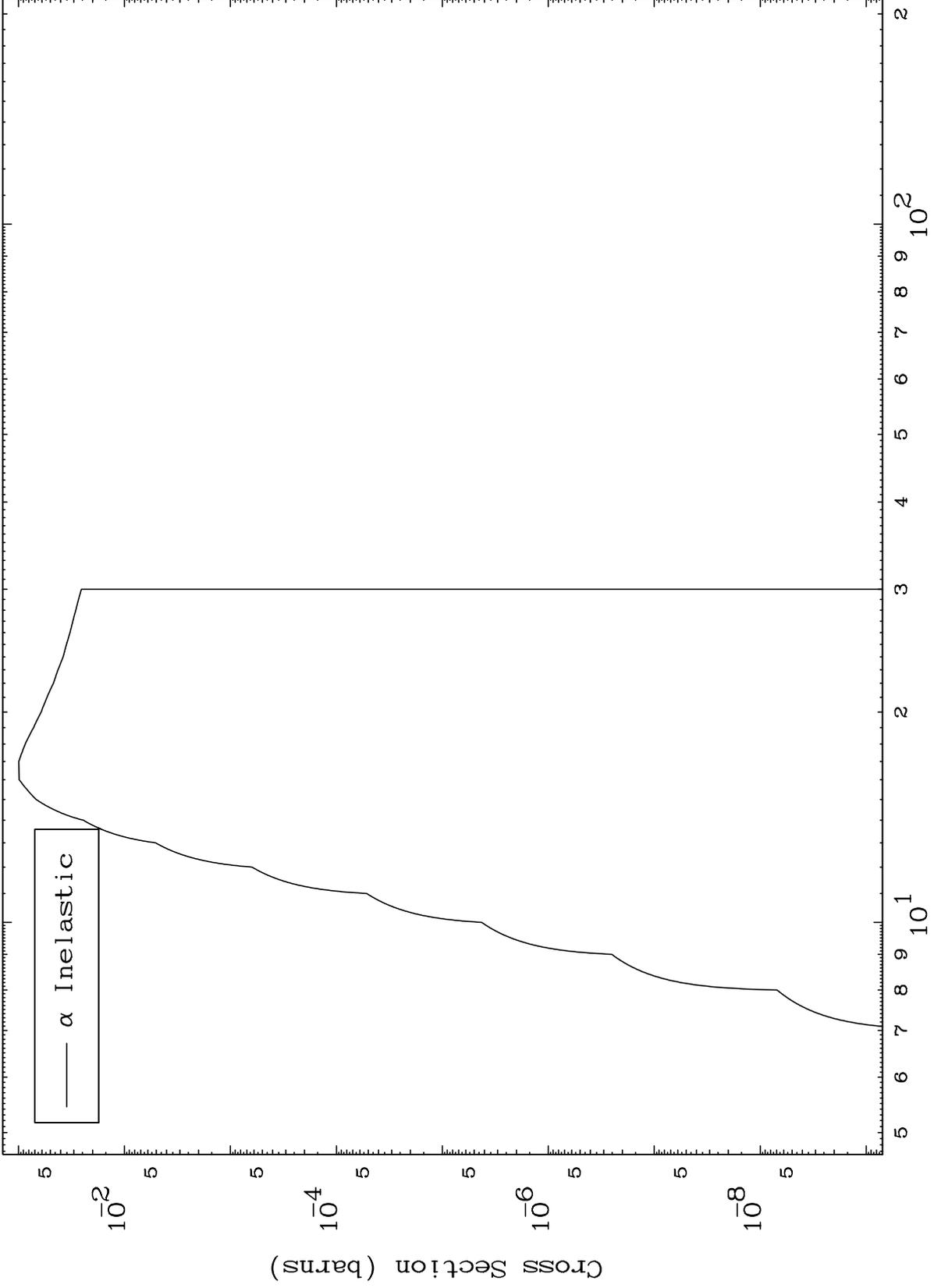
55-Cs-136

MAT 5534

(α, n') Level

55-Cs-136

0 Kelvin Cross Sections



— α Inelastic

5

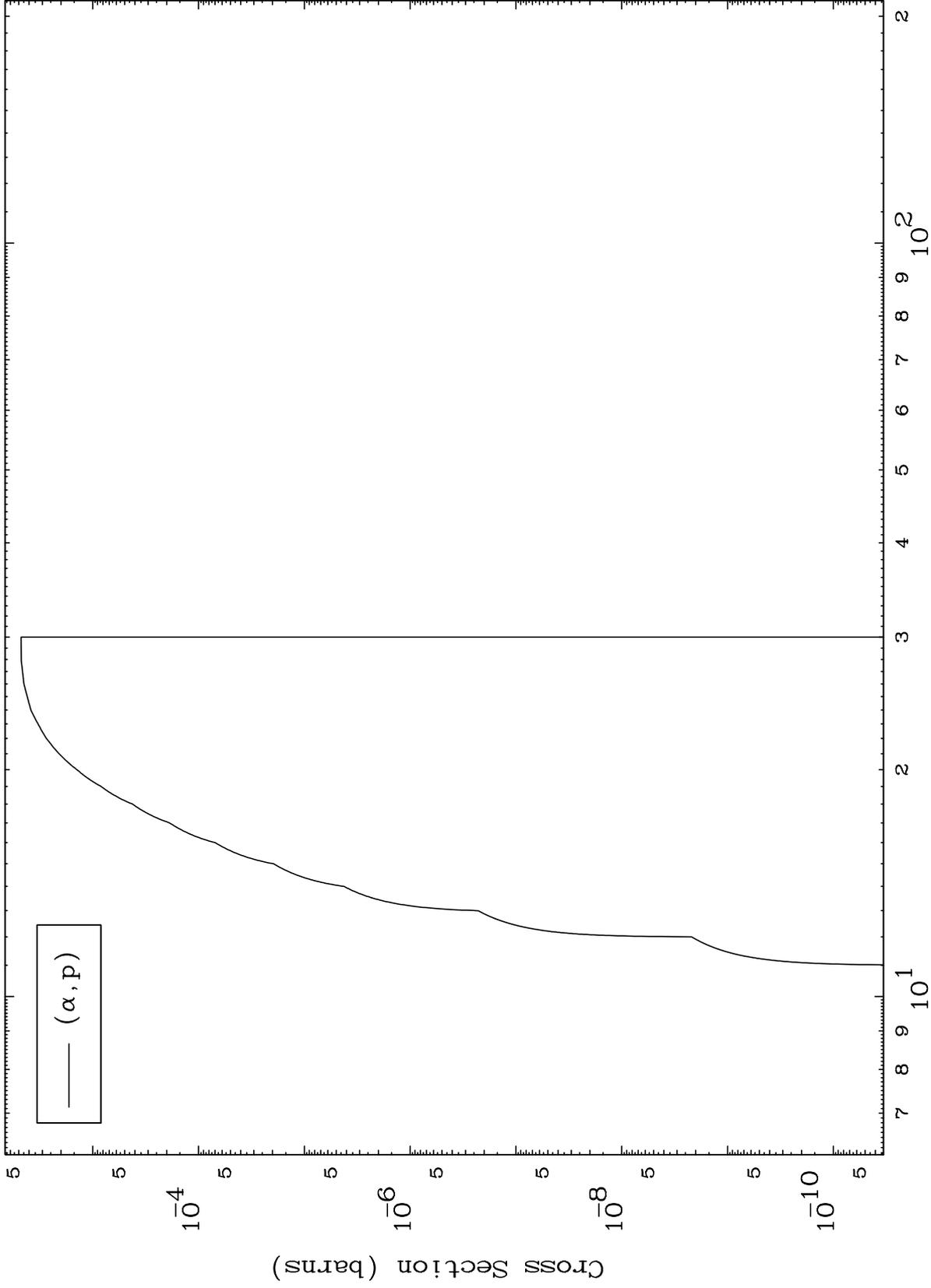
Incident Energy (MeV)

55-Cs-136

MAT 5534

(α, p) Levels
0 Kelvin Cross Sections

55-Cs-136



6

Incident Energy (MeV)

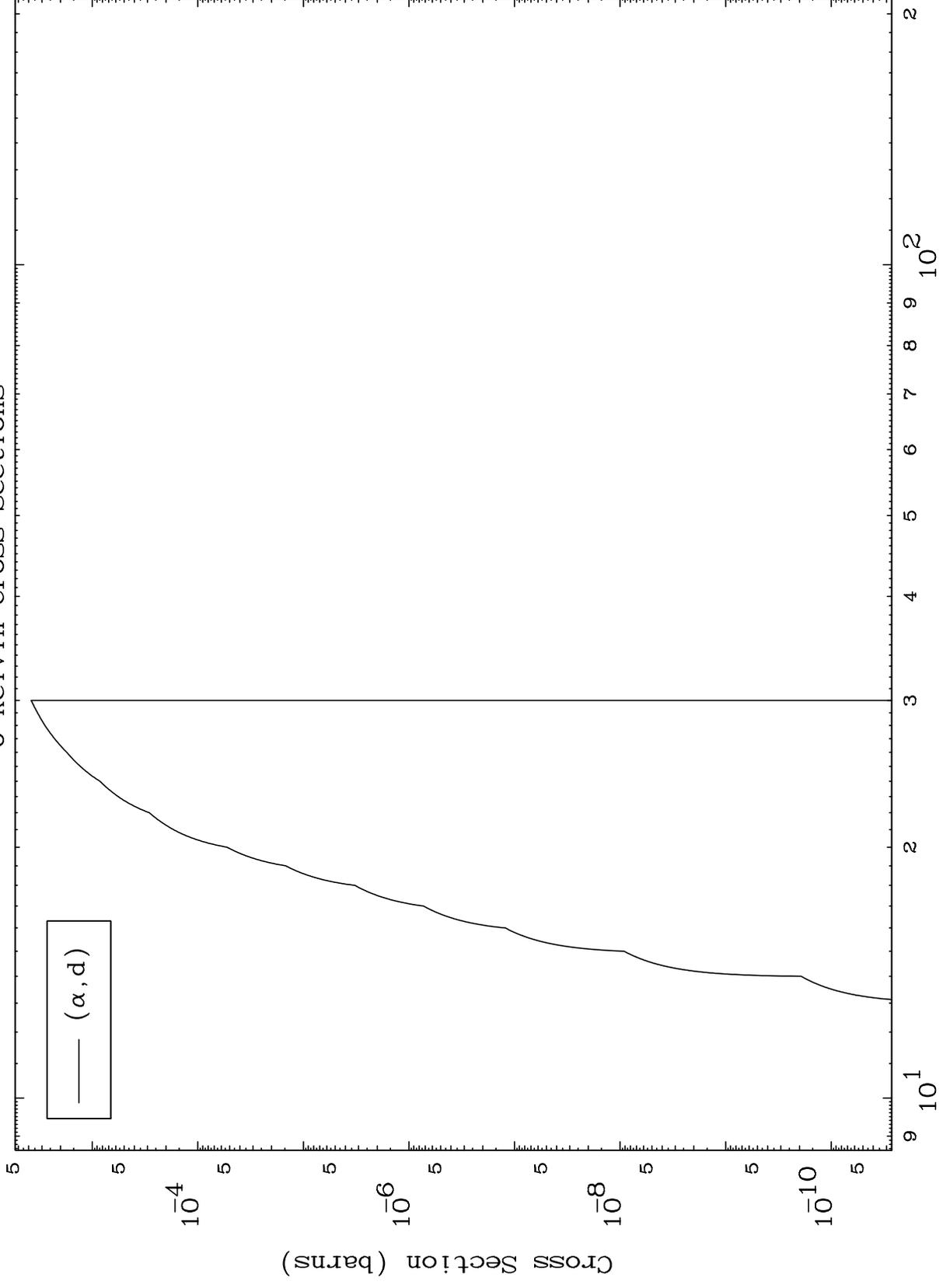
55-Cs-136

MAT 5534

(α, d) Levels

55-Cs-136

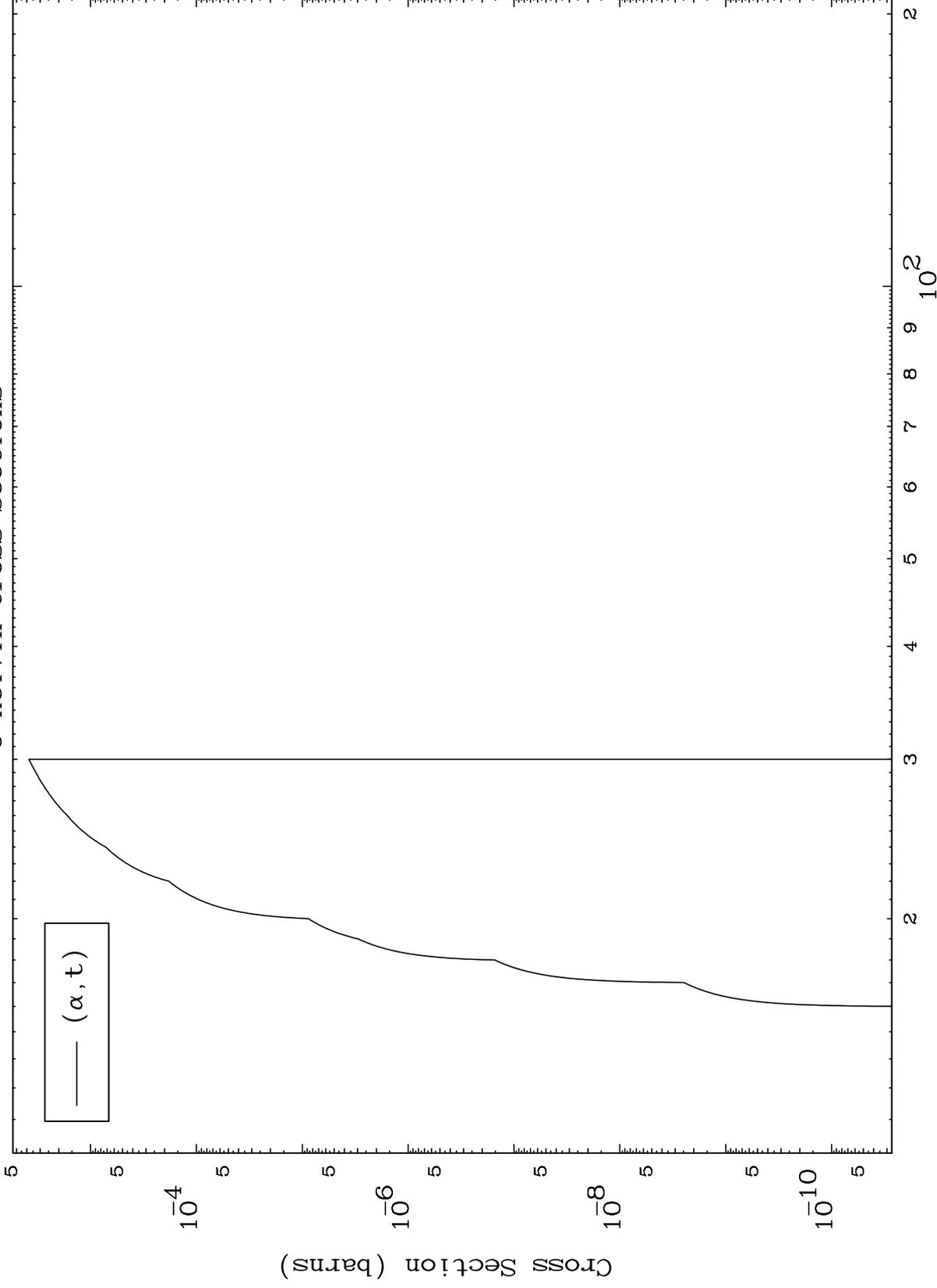
0 Kelvin Cross Sections

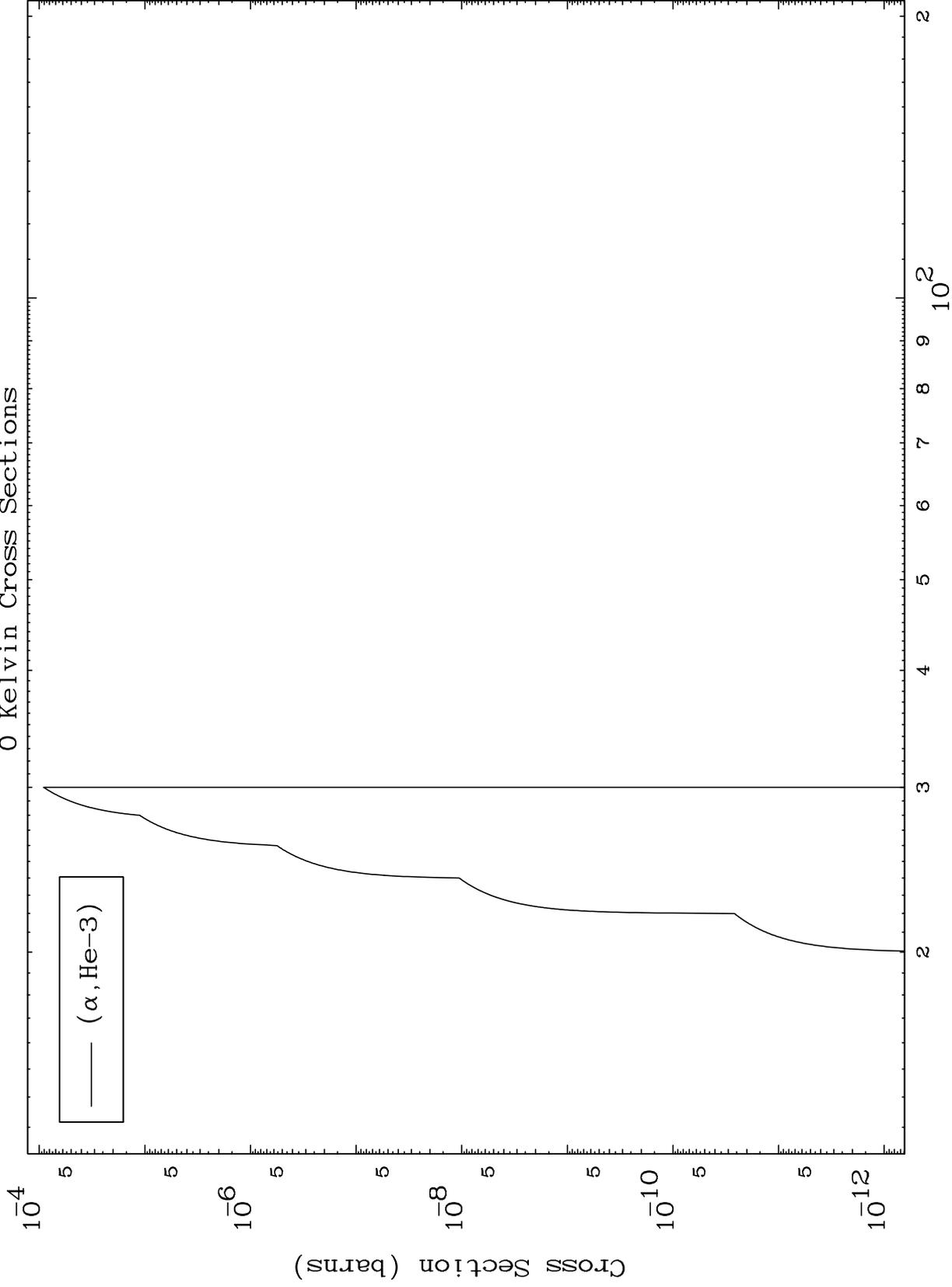


Incident Energy (MeV)

55-Cs-136

7



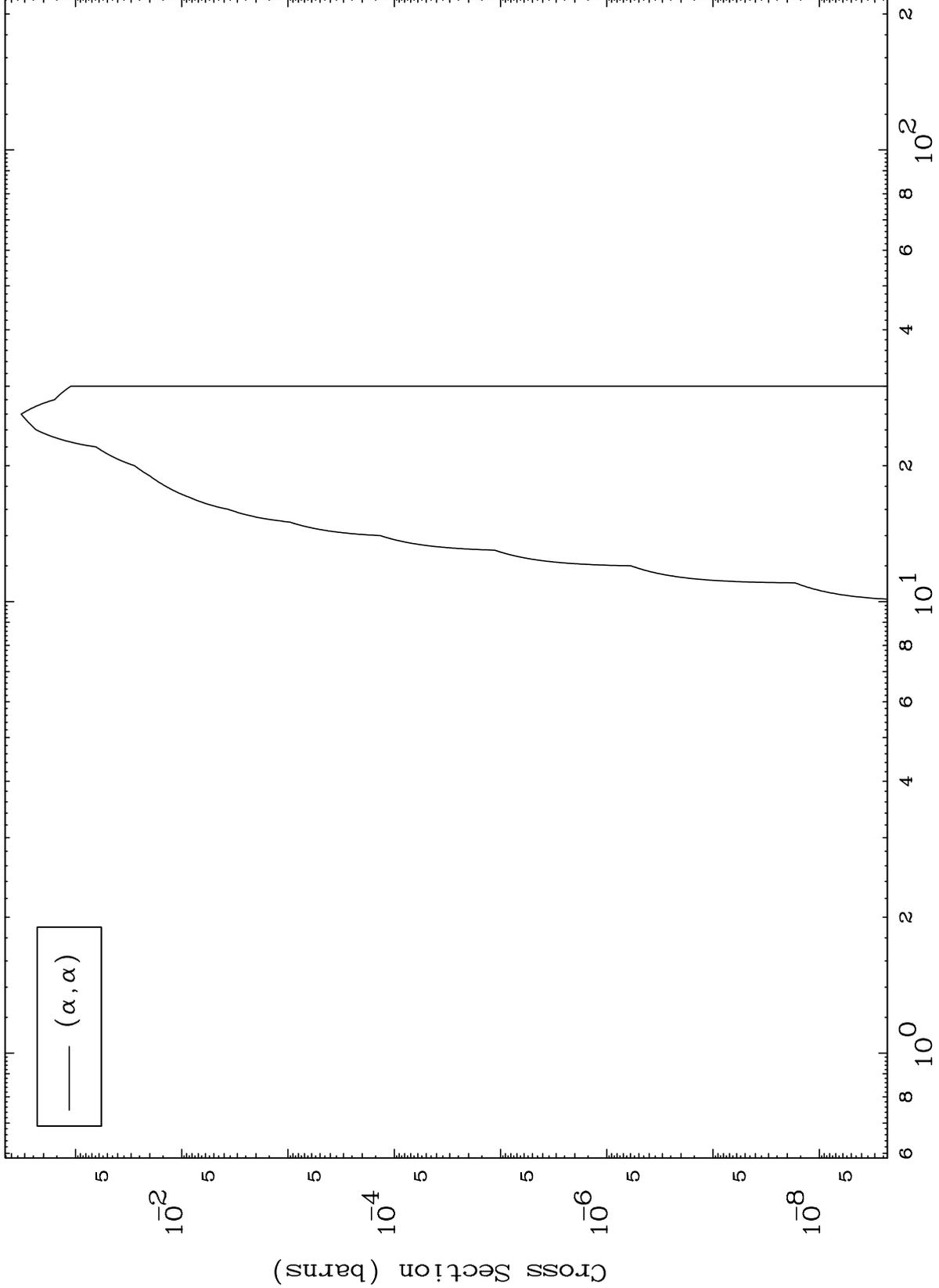


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(α, α) Levels

55-Cs-136

0 Kelvin Cross Sections



(α, α)

10

Incident Energy (MeV)

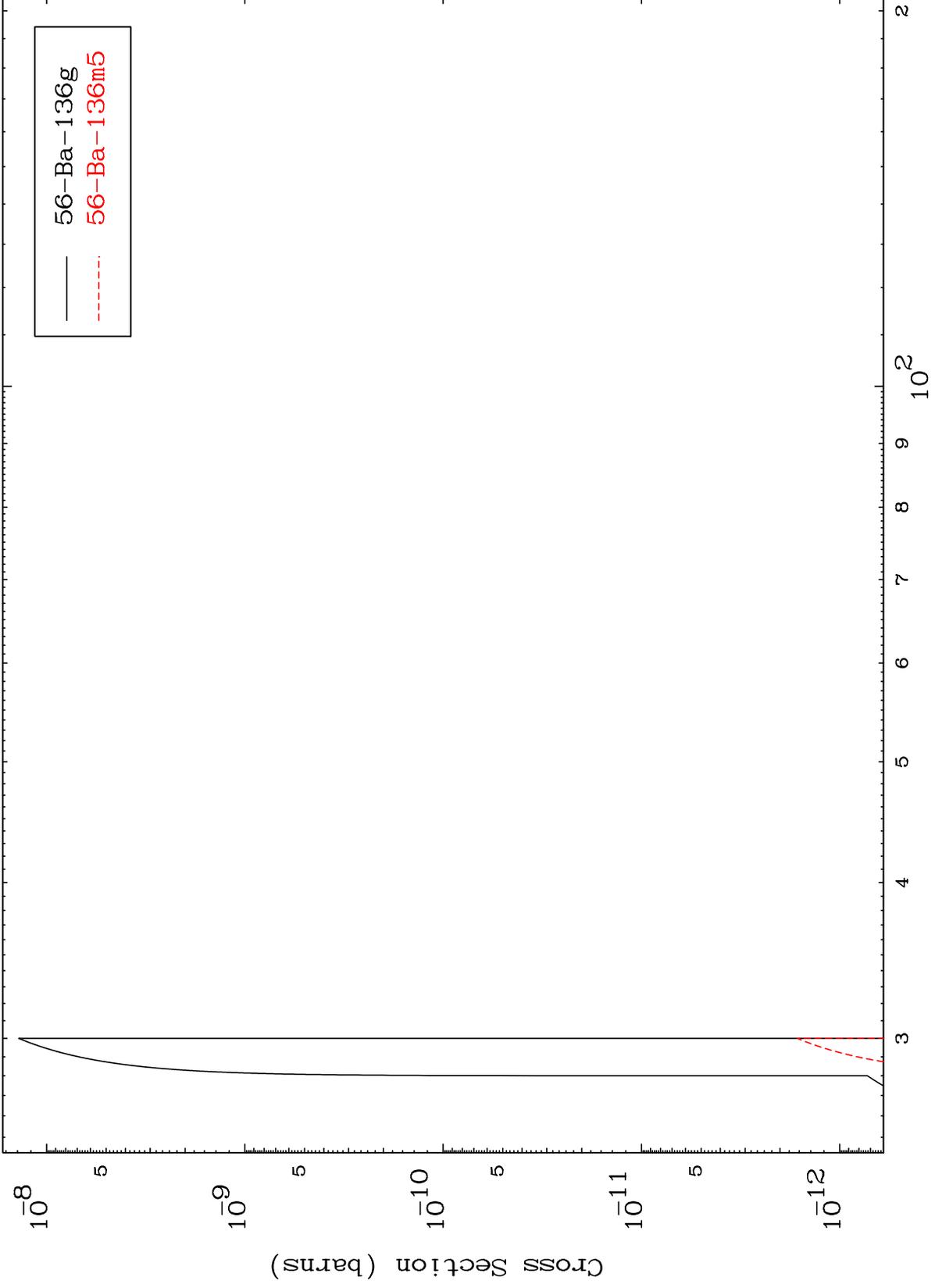
55-Cs-136

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$(\alpha, 2n)$ d

55-Cs-136

Radionuclide Production Cross Section



11

Incident Energy (MeV)

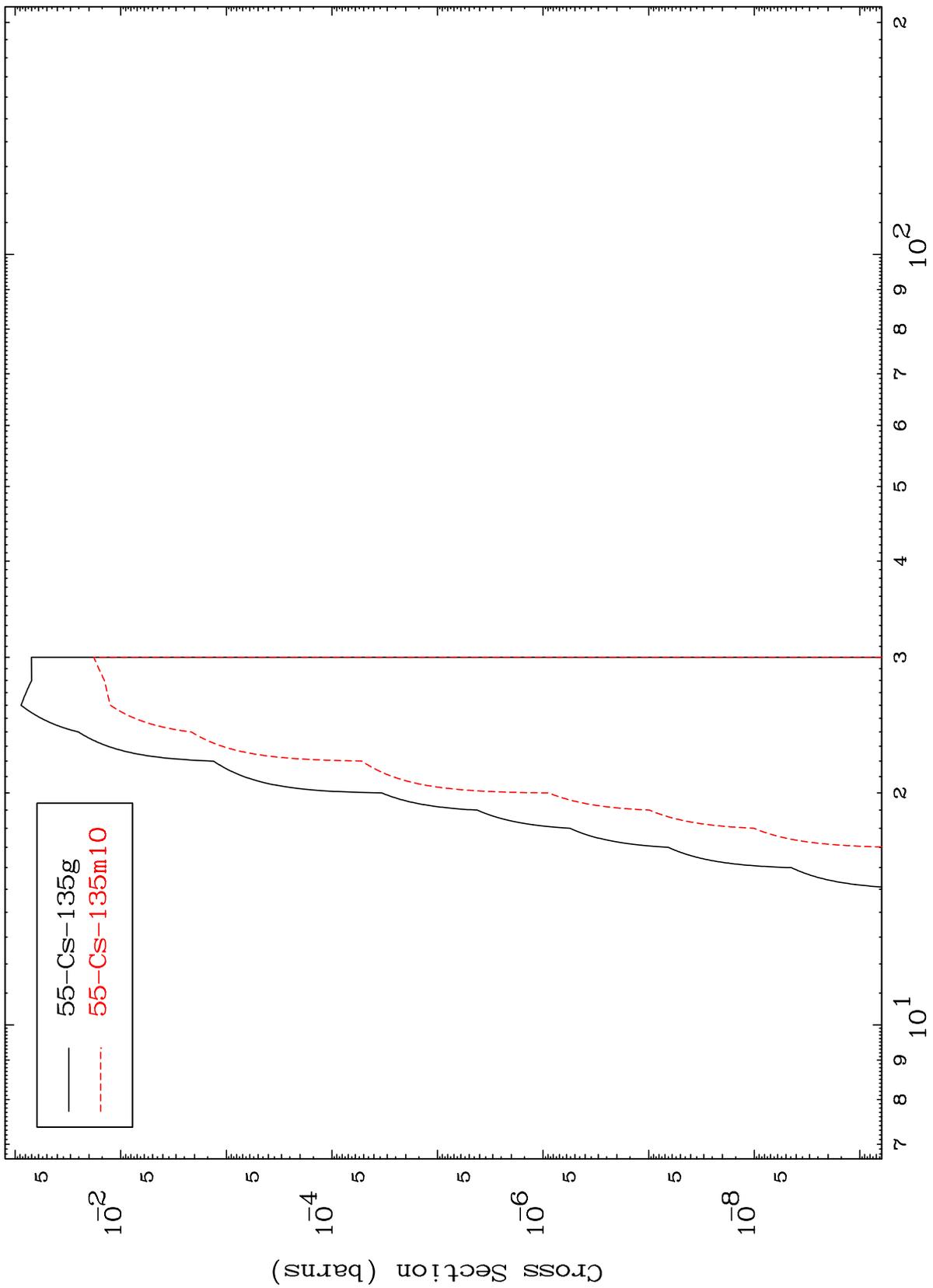
55-Cs-136

MAT 5534

(α, n') α

55-Cs-136

Radionuclide Production Cross Section



12

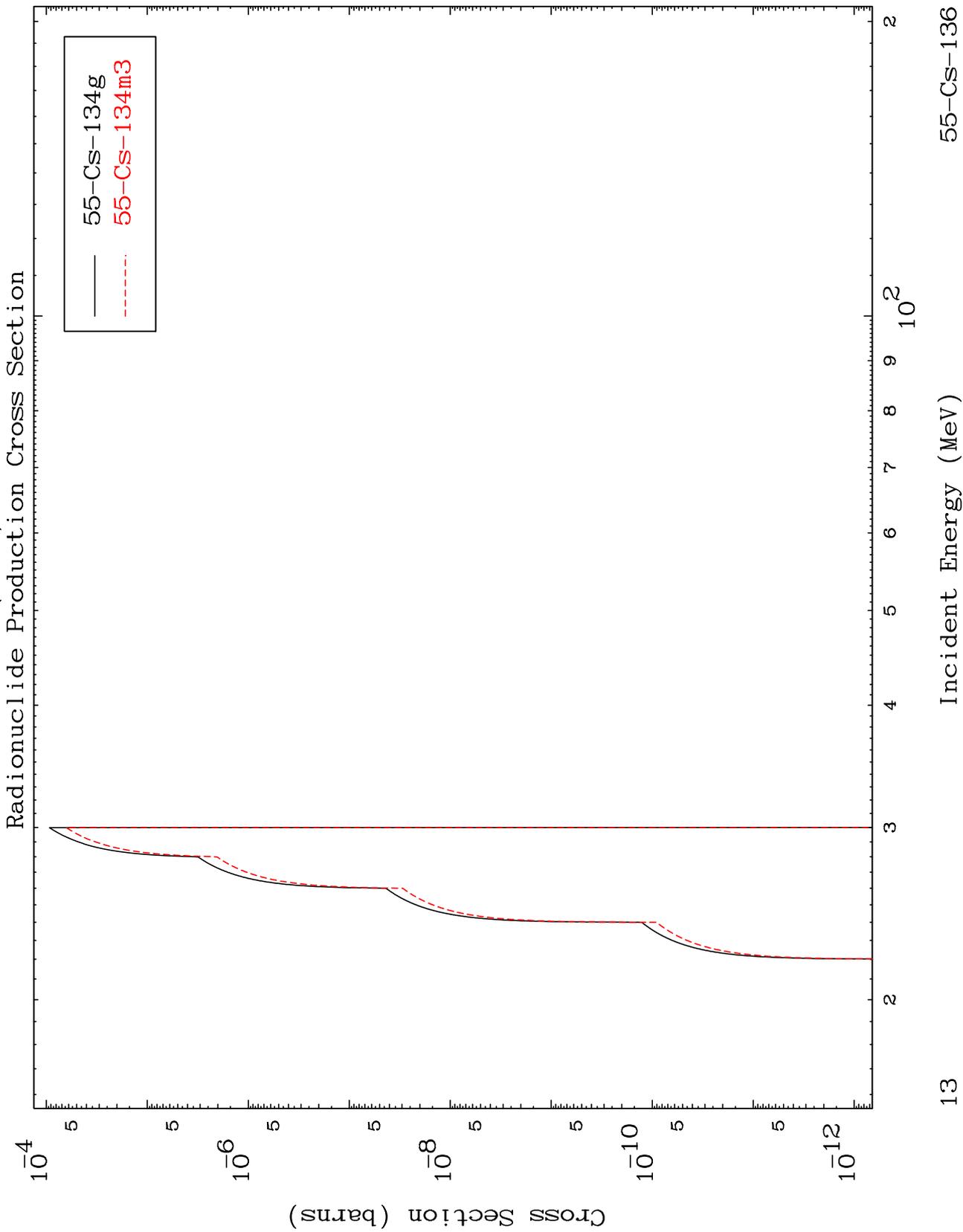
Incident Energy (MeV)

55-Cs-136

MAT 5534

$(\alpha, 2n)$ α

55-Cs-136



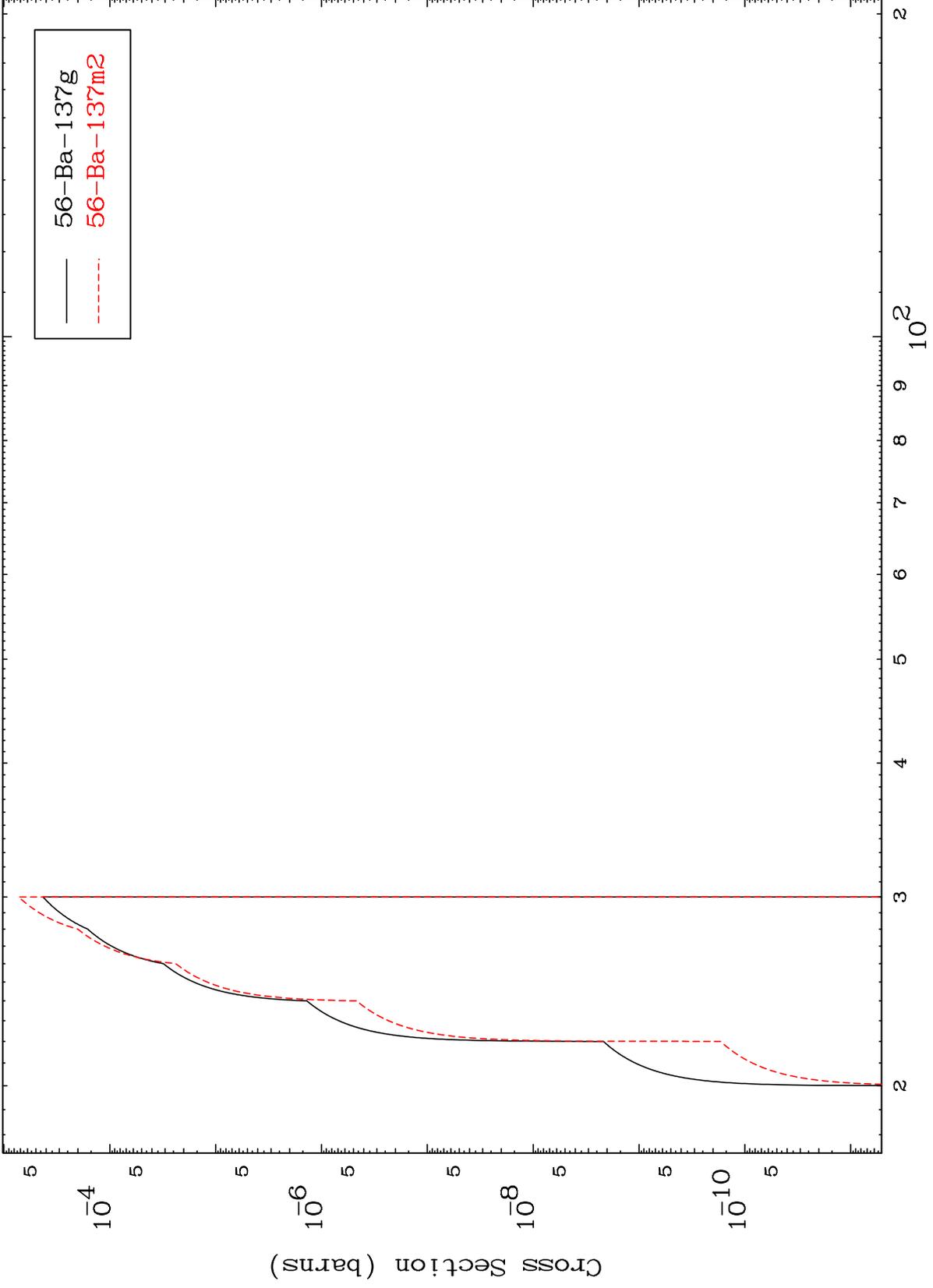
13

55-Cs-136

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55-Cs-136

(α, n') d
Radionuclide Production Cross Section



14

Incident Energy (MeV)

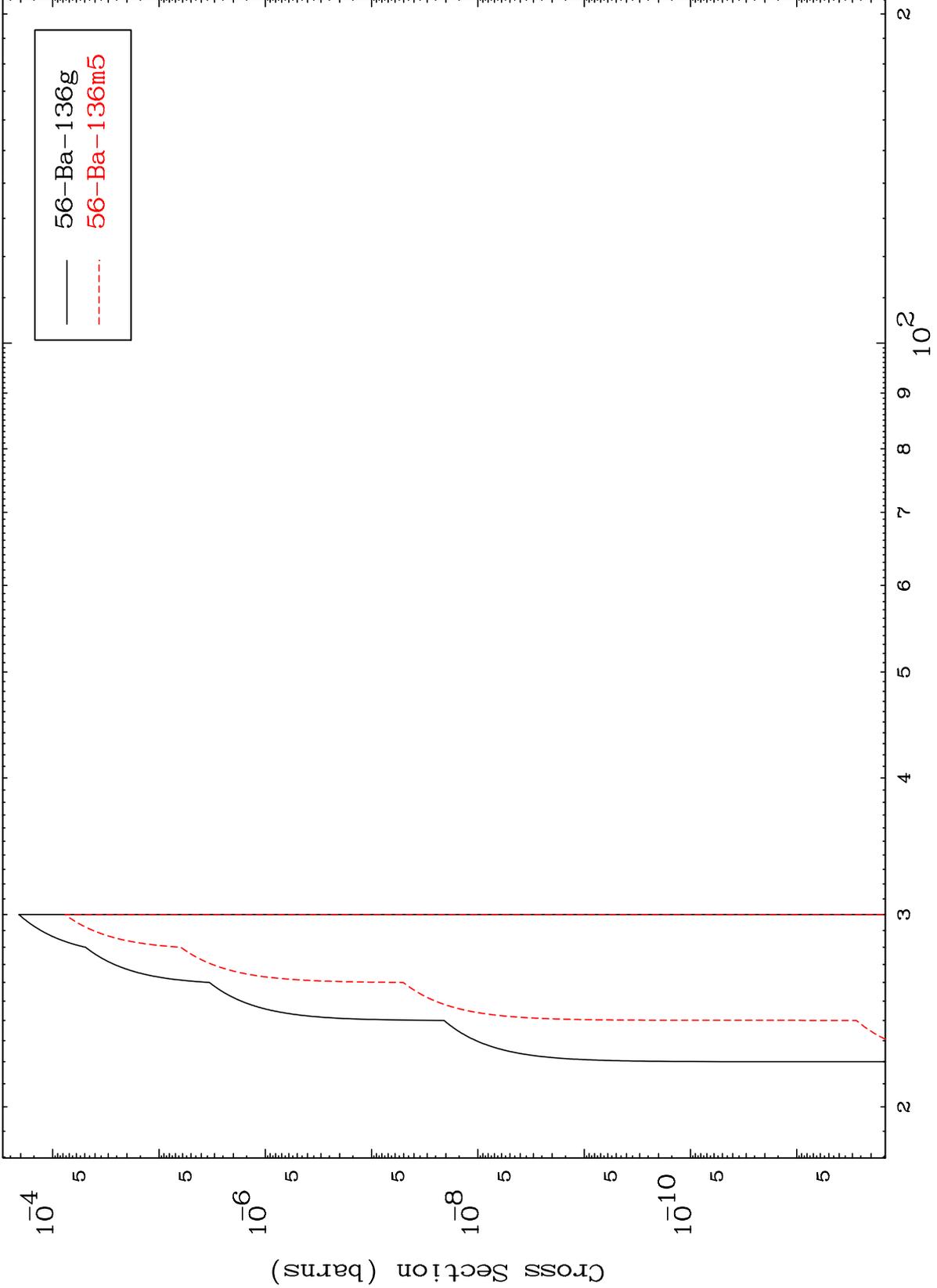
55-Cs-136

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(α, n') t

55-Cs-136

Radionuclide Production Cross Section



15

Incident Energy (MeV)

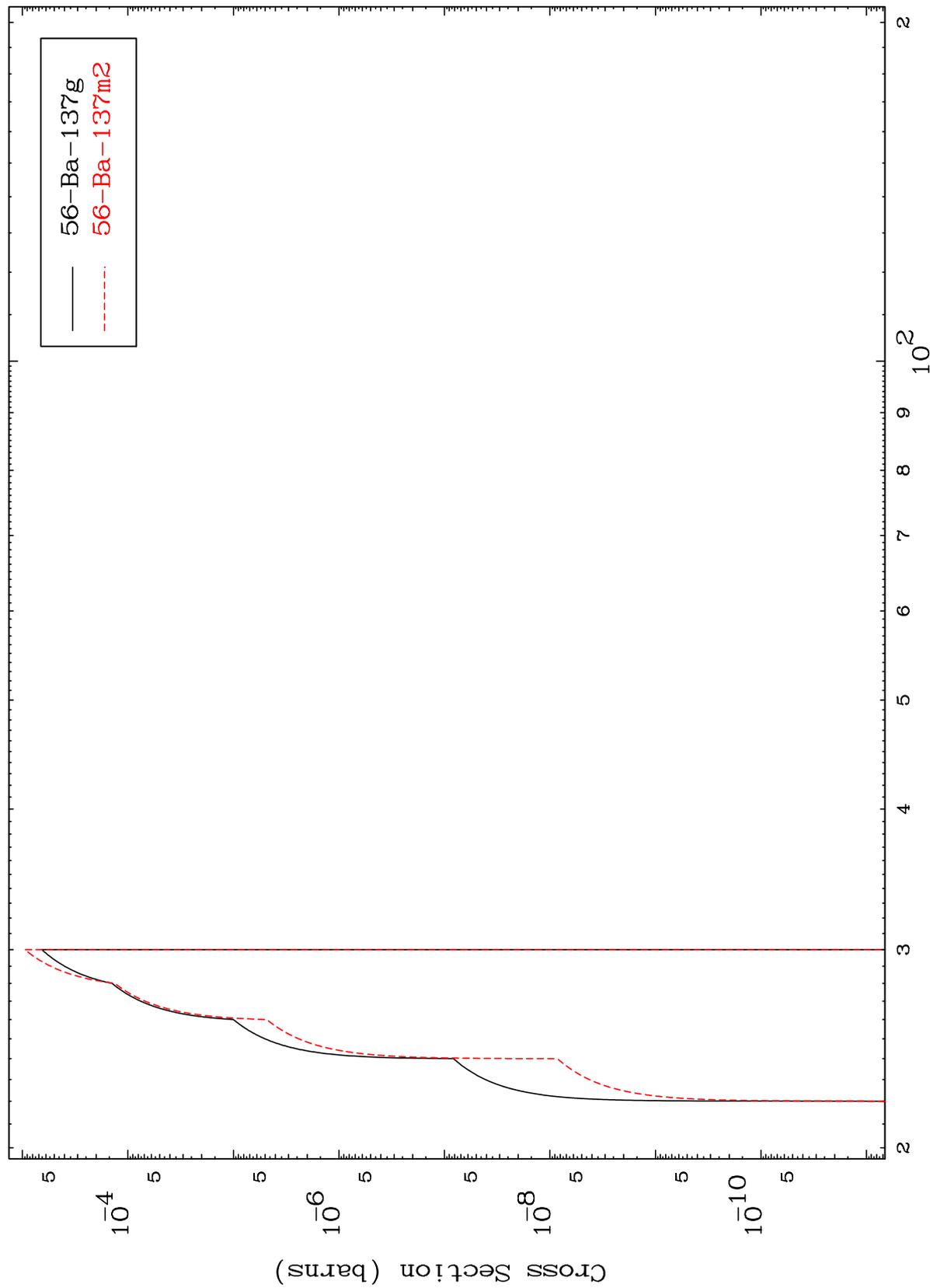
55-Cs-136

MAT 5534

($\alpha, 2n$) p

55-Cs-136

Radionuclide Production Cross Section

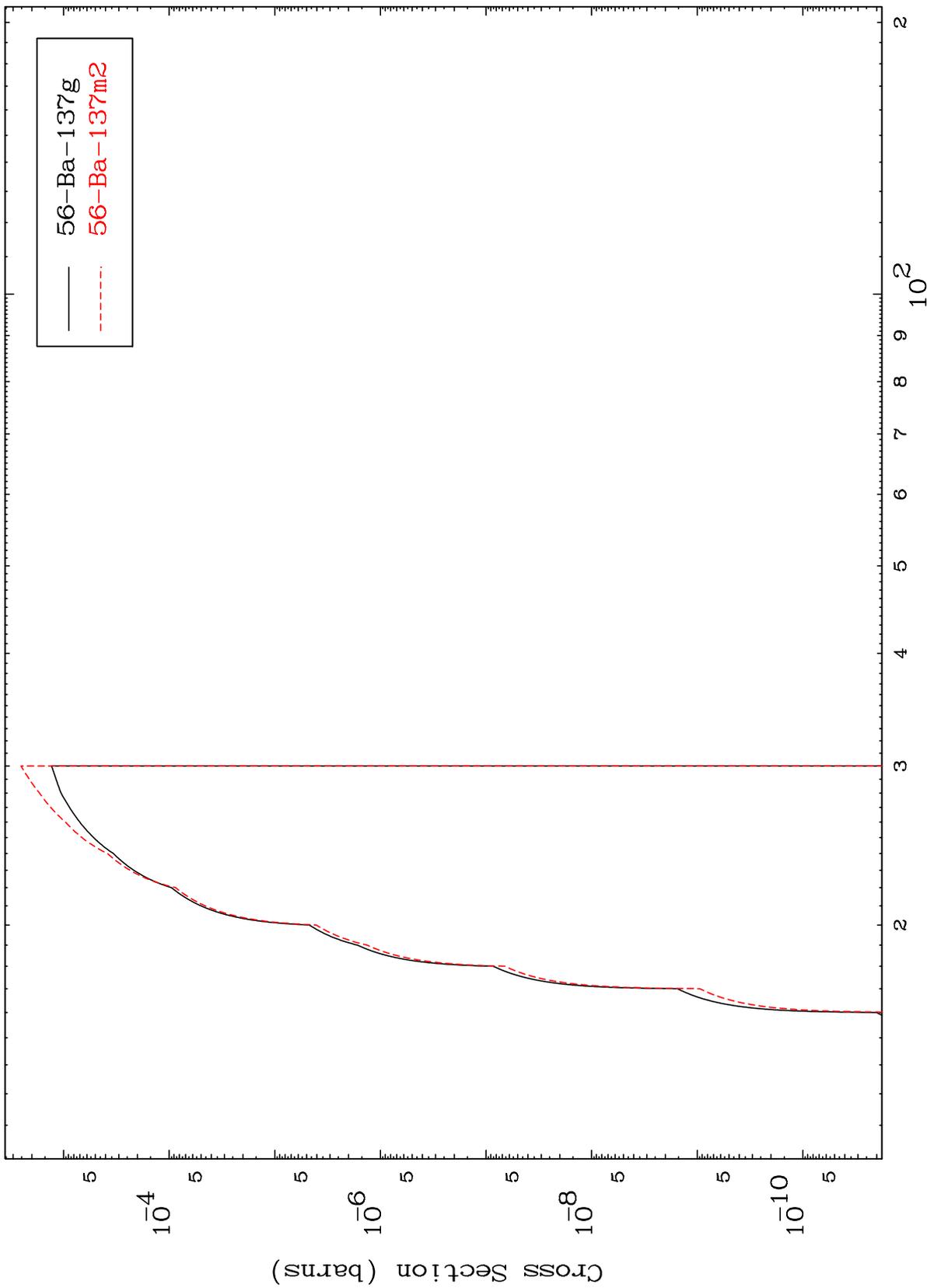


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Incident Energy (MeV)

55-Cs-136

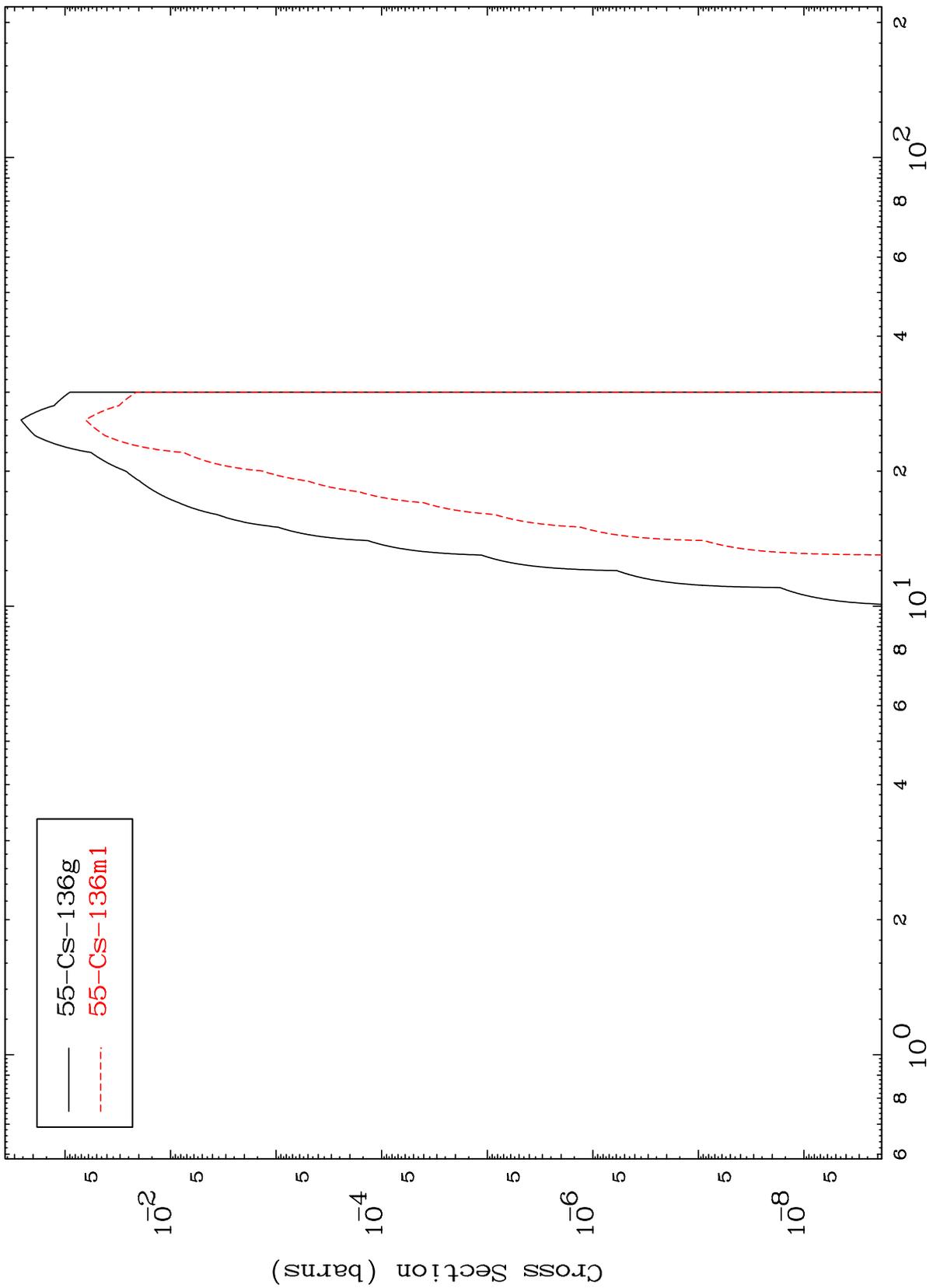
(α, t)
Radionuclide Production Cross Section



MAT 5534

55-Cs-136

(α, α)
Radionuclide Production Cross Section



18

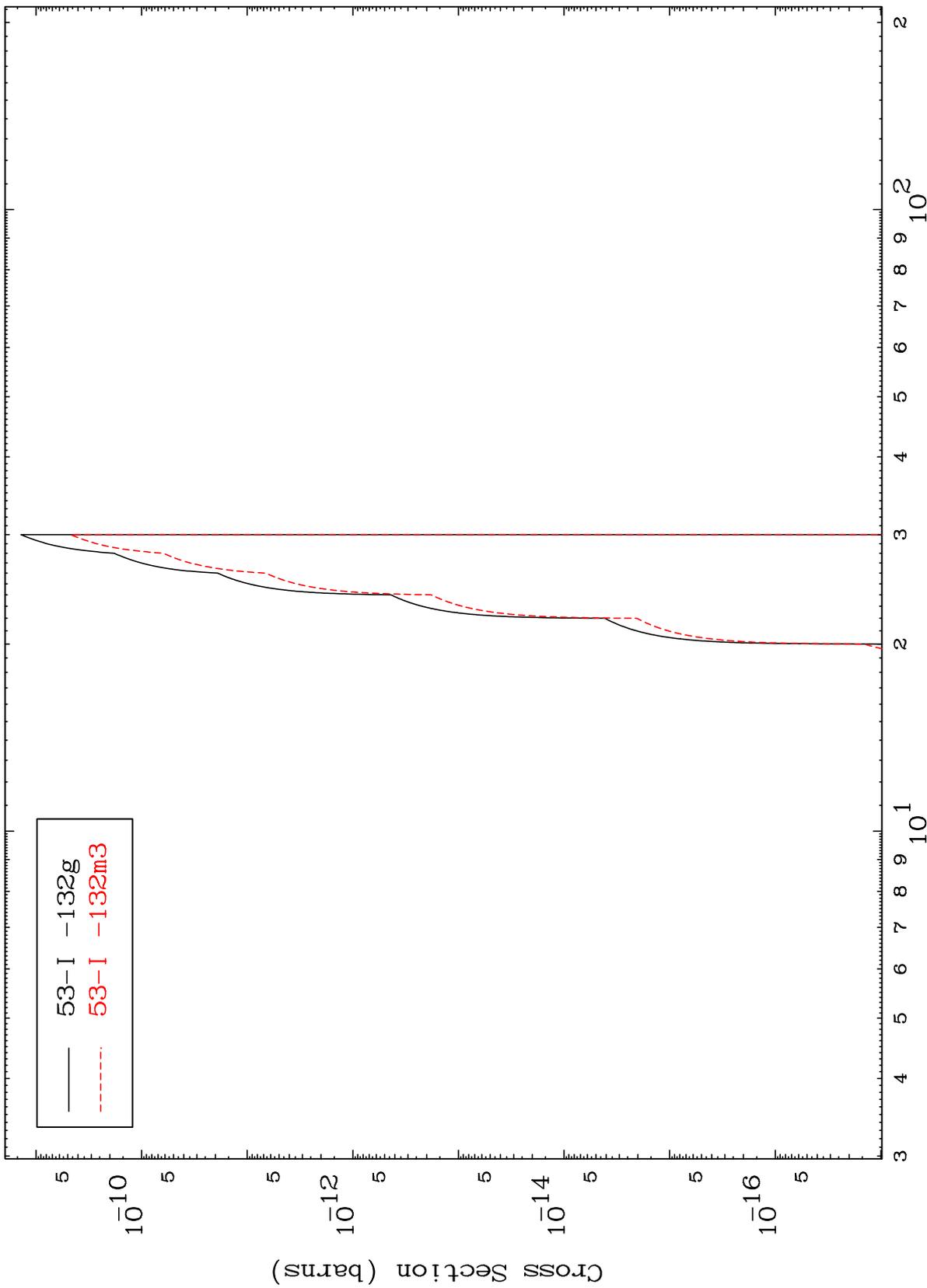
55-Cs-136

Incident Energy (MeV)

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55-Cs-136

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



19

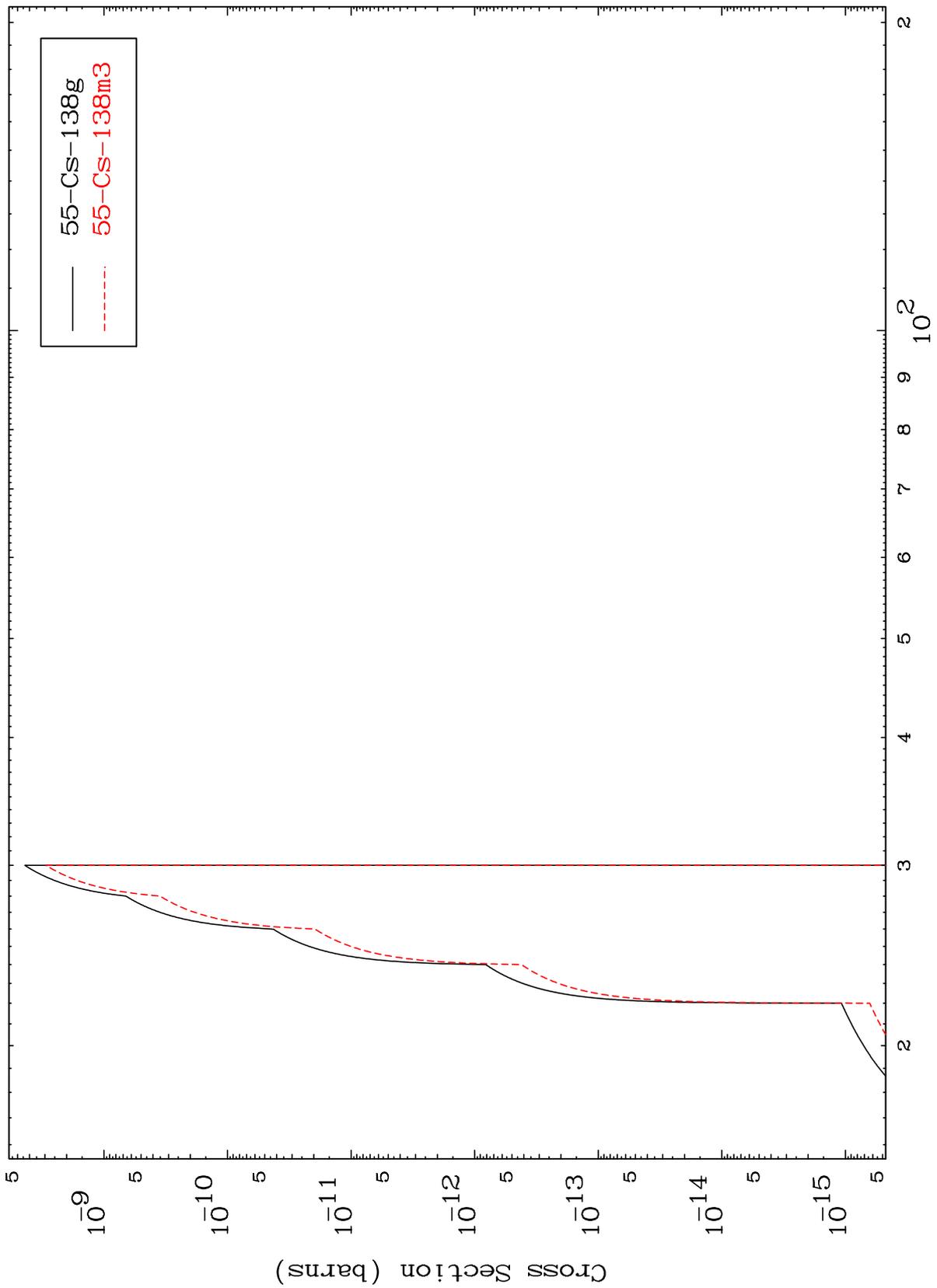
Incident Energy (MeV)

55-Cs-136

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55-Cs-136

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



20

Incident Energy (MeV)

55-Cs-136

MAT 5534

(α, p) α

55-Cs-136

Radionuclide Production Cross Section

