

Program EVALPLOT
(Version 2018-1)

by

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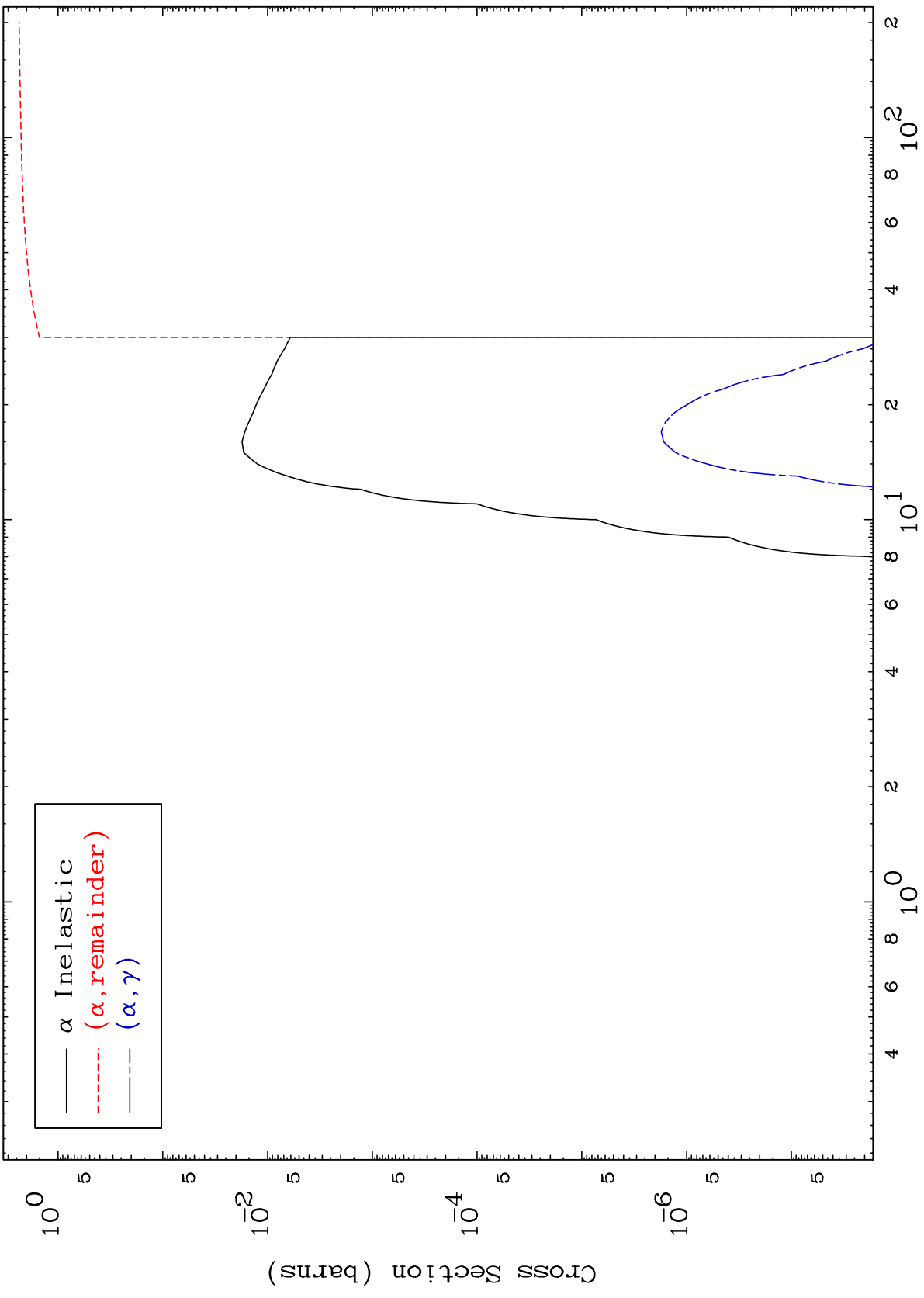
Press Mouse Button to Start

MAT 5464

α Major

54-Xe-137

0 Kelvin Cross Sections

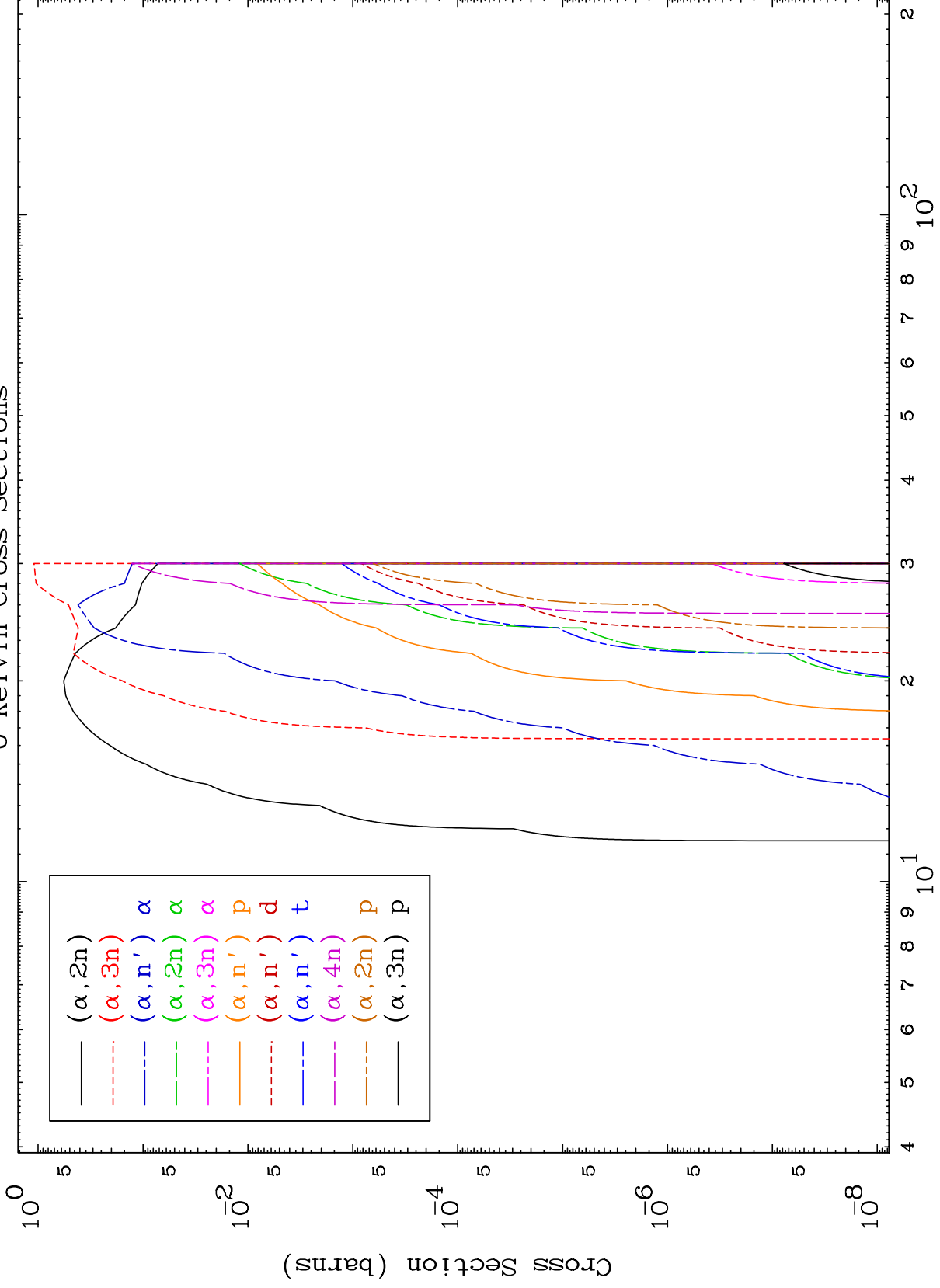


α Inelastic
(α , remainder)
(α , γ)

MAT 5464

α Neutron Production
0 Kelvin Cross Sections

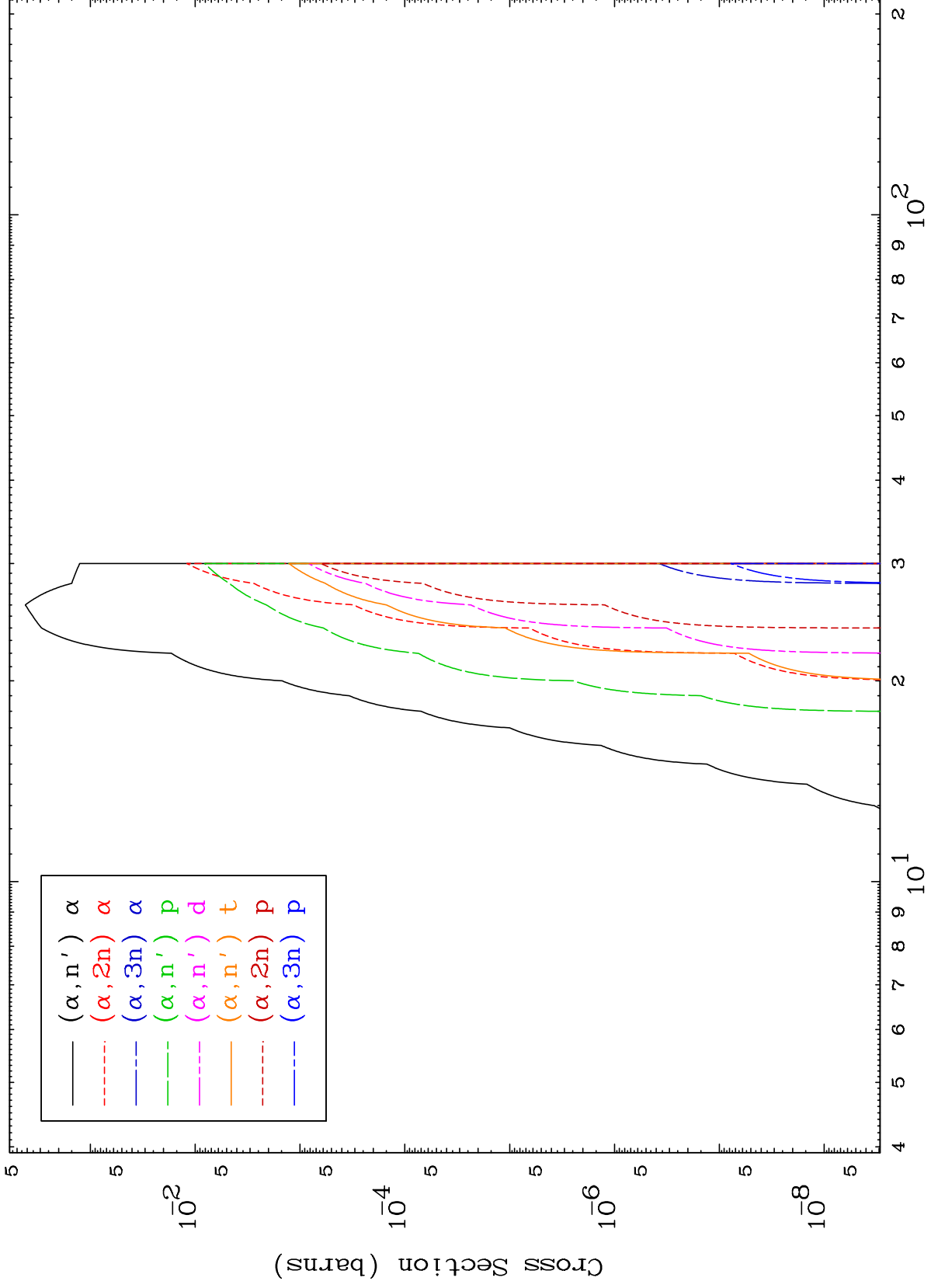
54-Xe-137



2

Incident Energy (MeV)

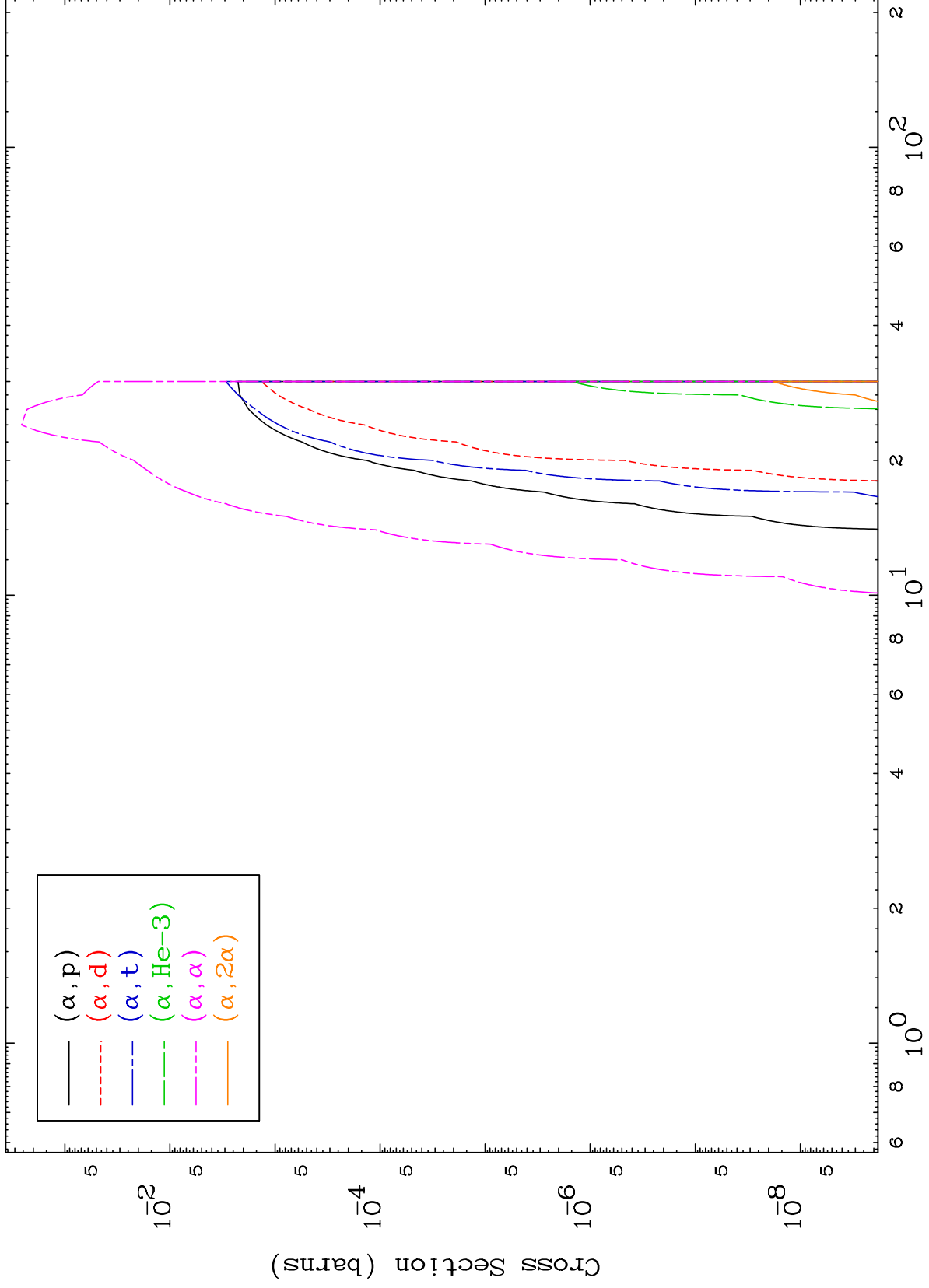
54-Xe-137



MAT 5464

α Charged Particle
0 Kelvin Cross Sections

54-Xe-137

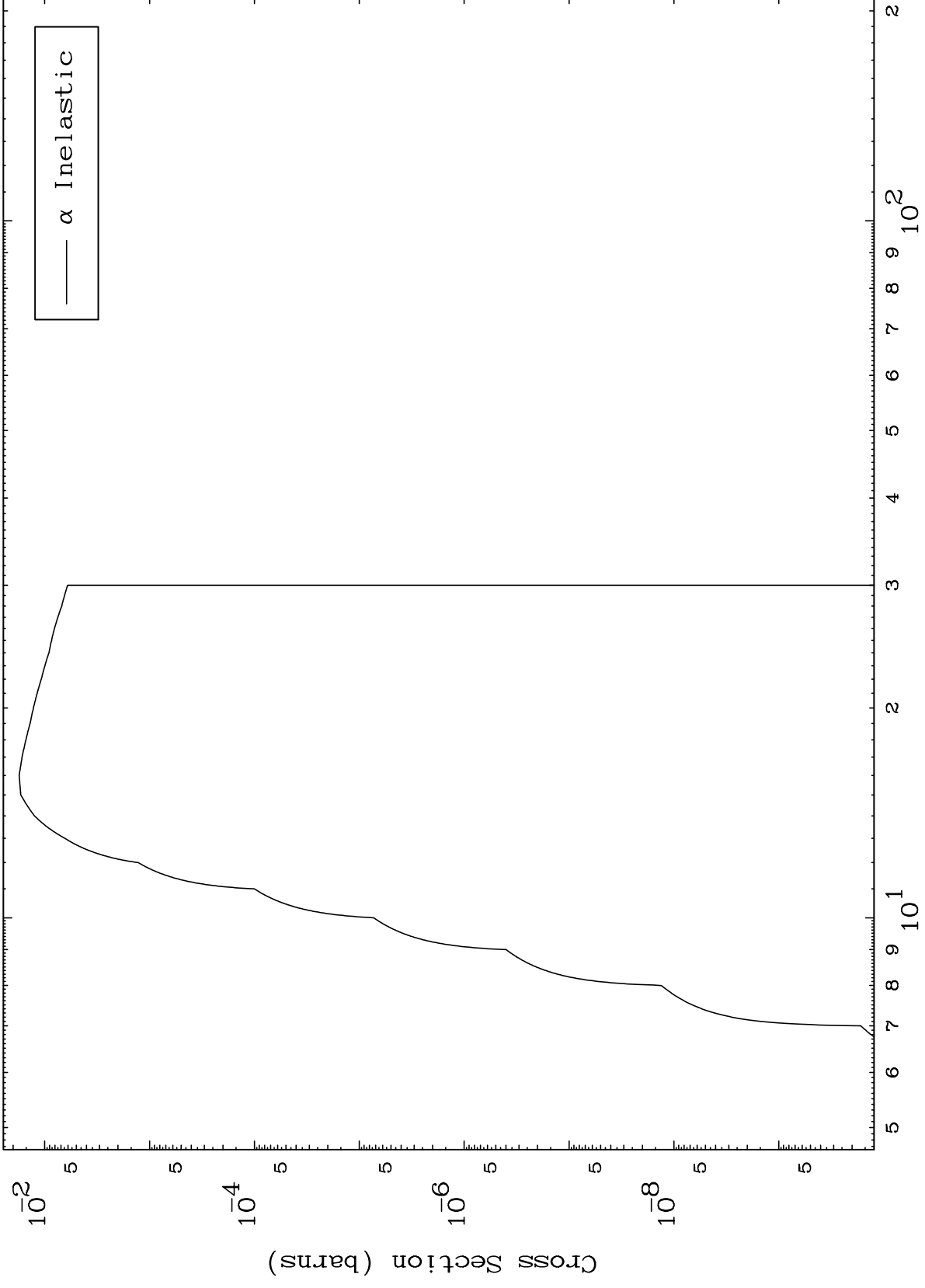


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(α, n') Level

54-Xe-137

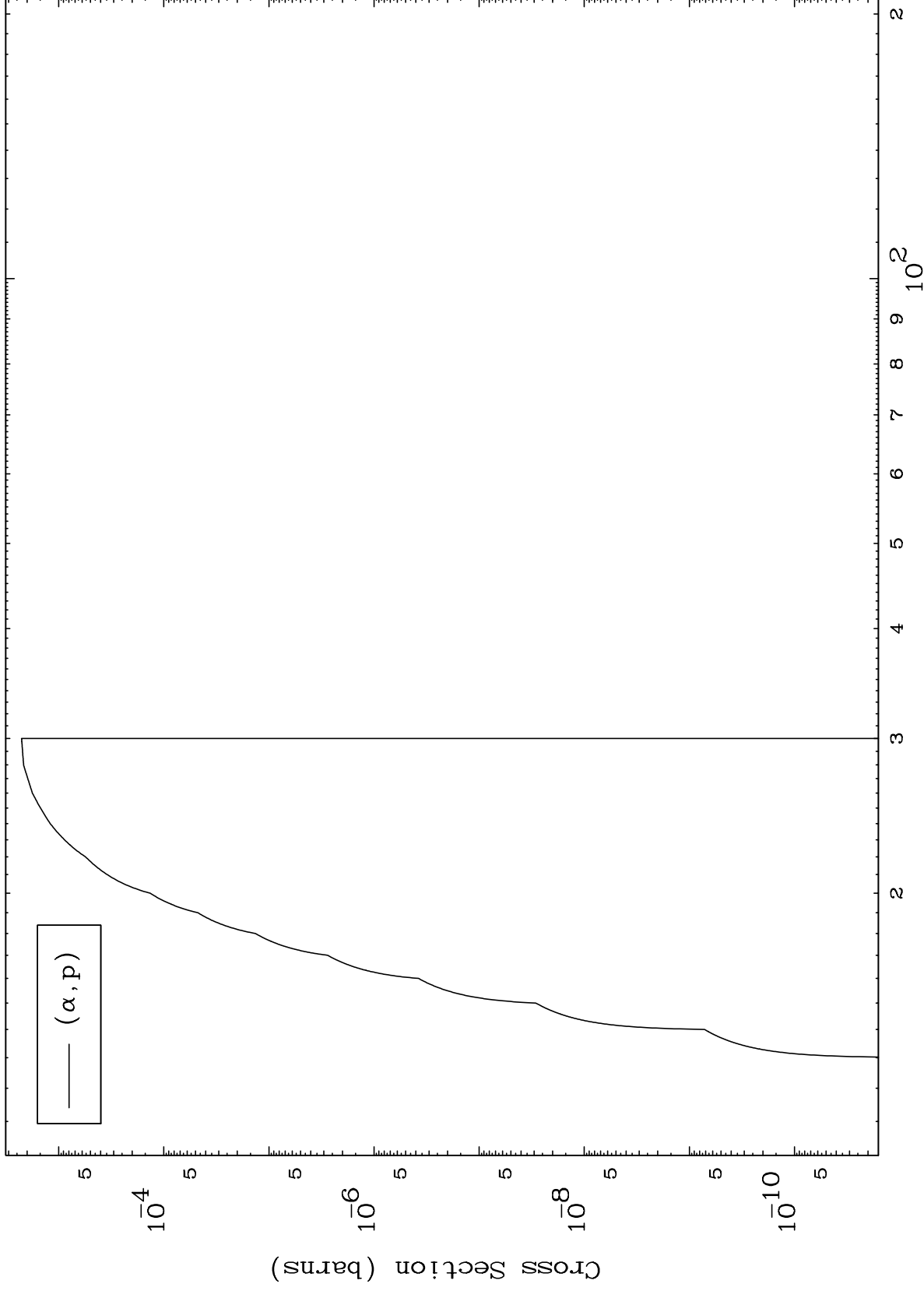
0 Kelvin Cross Sections



5

Incident Energy (MeV)

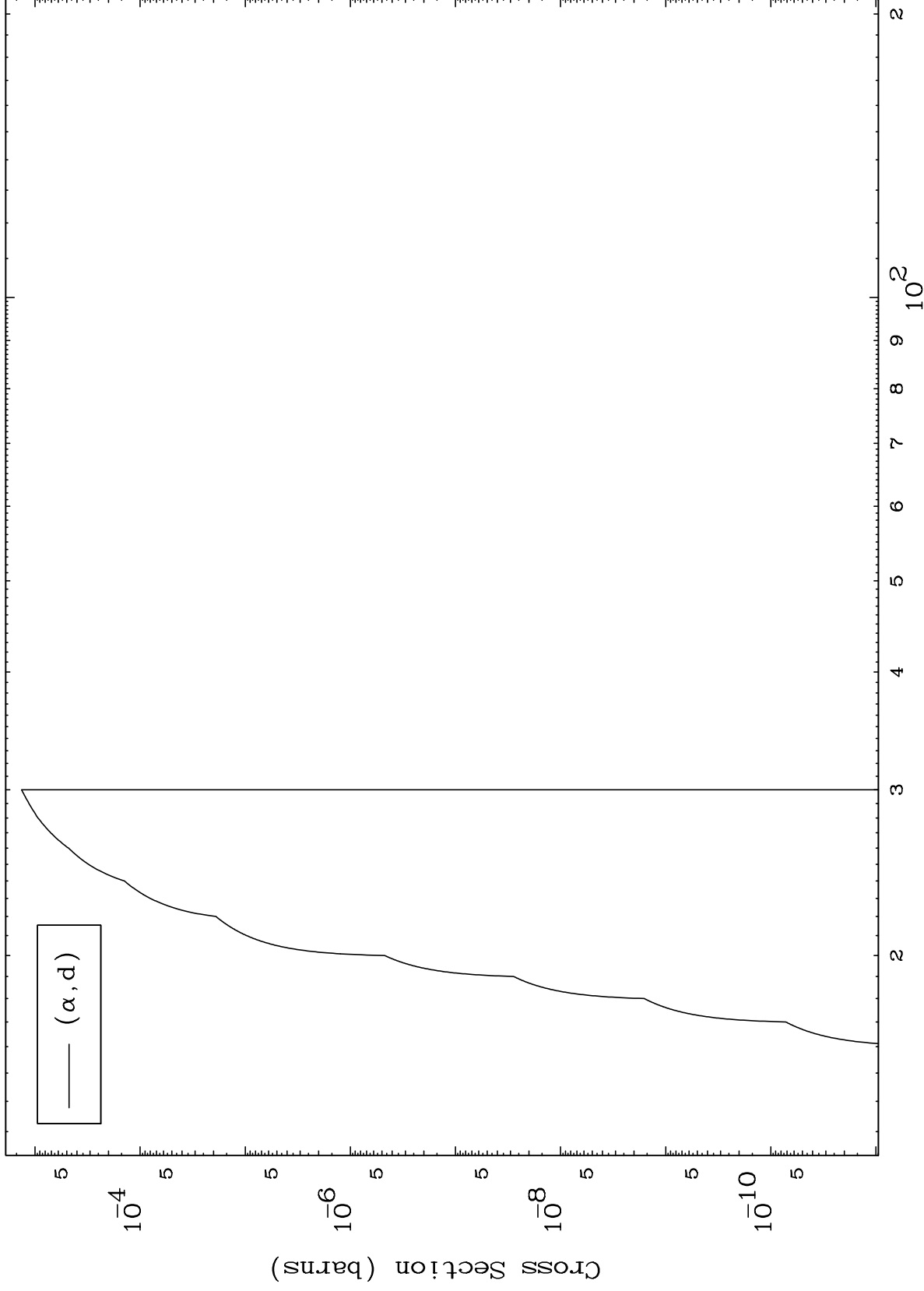
54-Xe-137



MAT 5464

(α, d) Levels
0 Kelvin Cross Sections

54-Xe-137



7

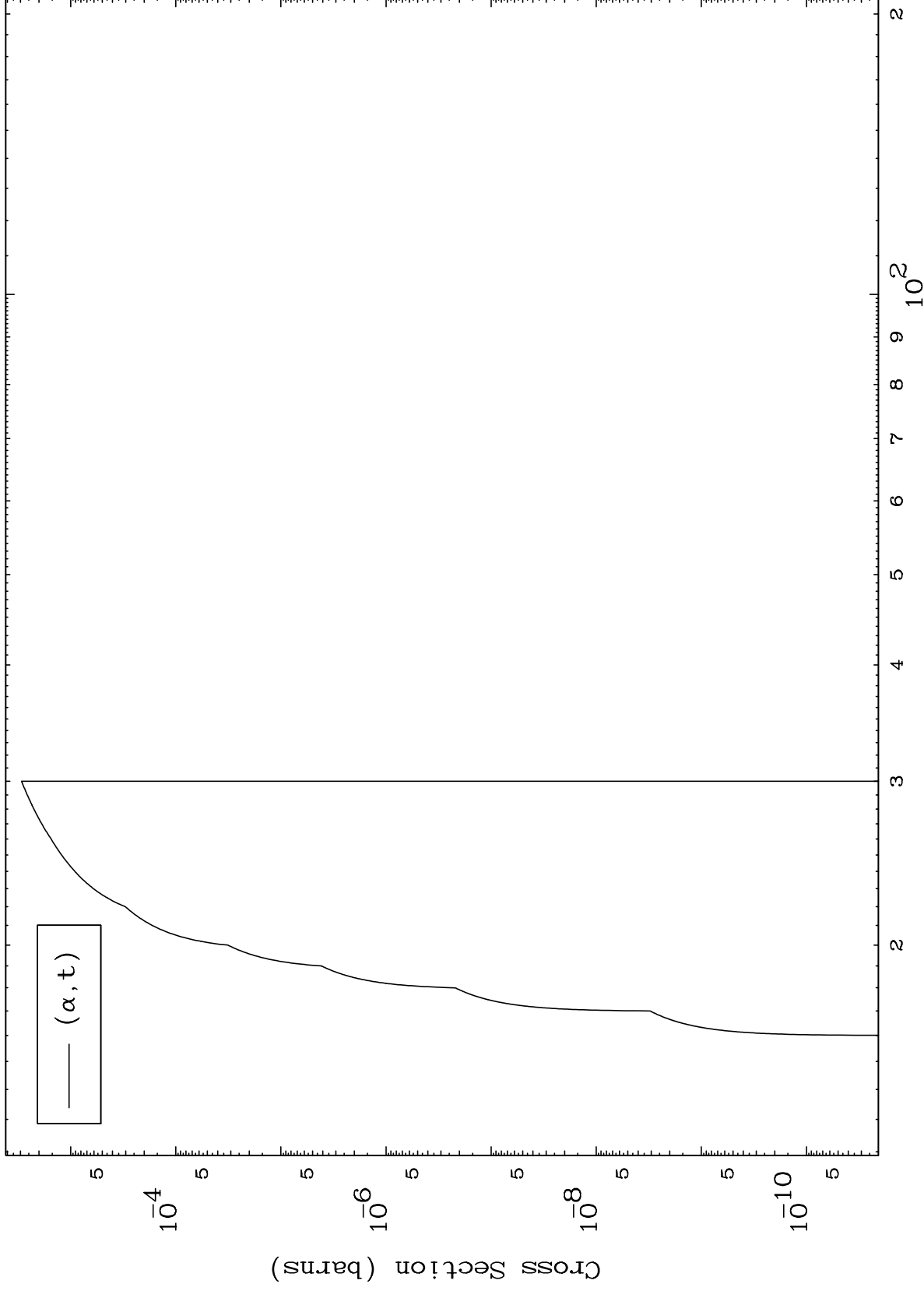
Incident Energy (MeV)

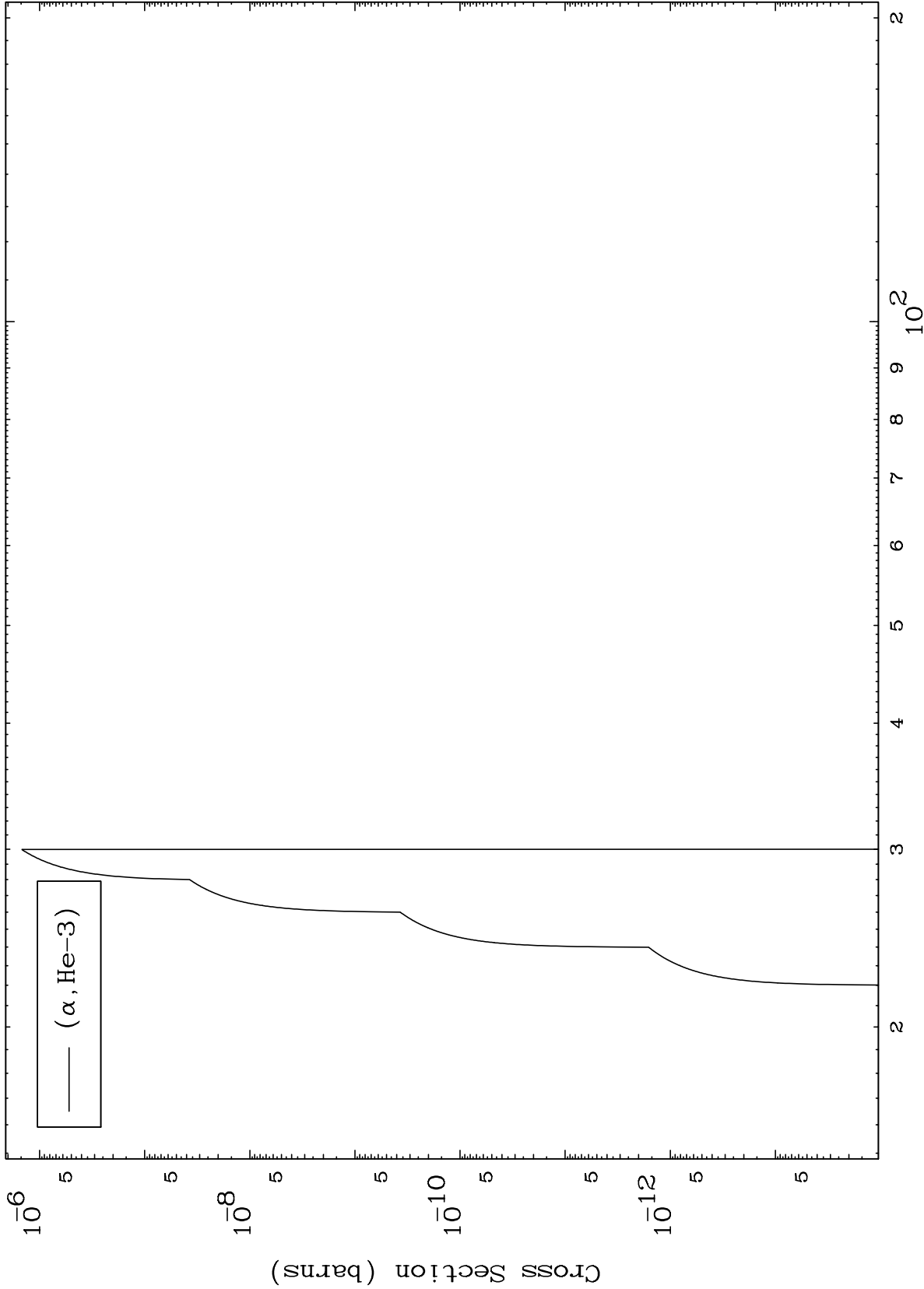
54-Xe-137

MAT 5464

(α, t) Levels
0 Kelvin Cross Sections

54-Xe-137



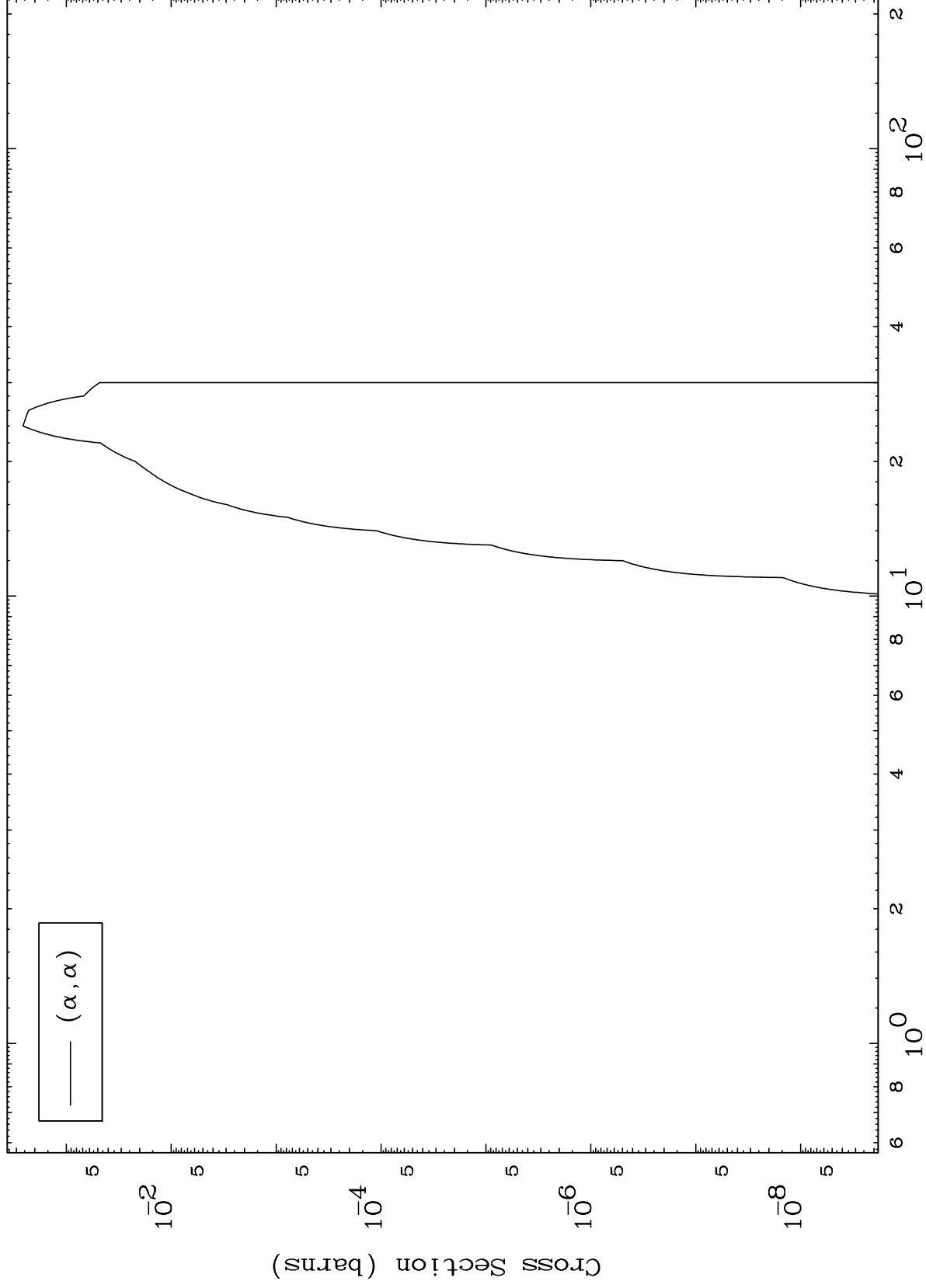


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(α, α) Levels

54-Xe-137

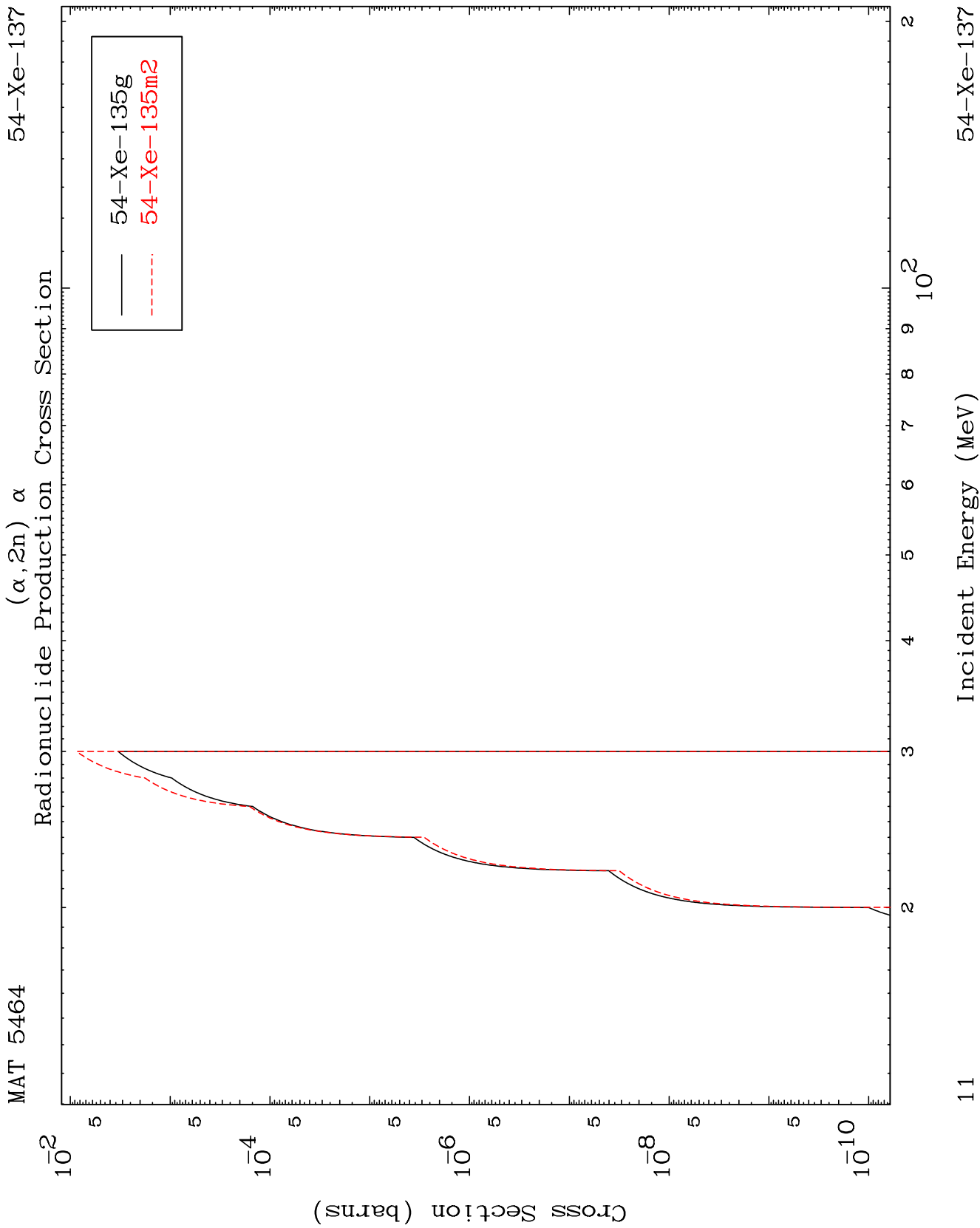
0 Kelvin Cross Sections



10

Incident Energy (MeV)

54-Xe-137

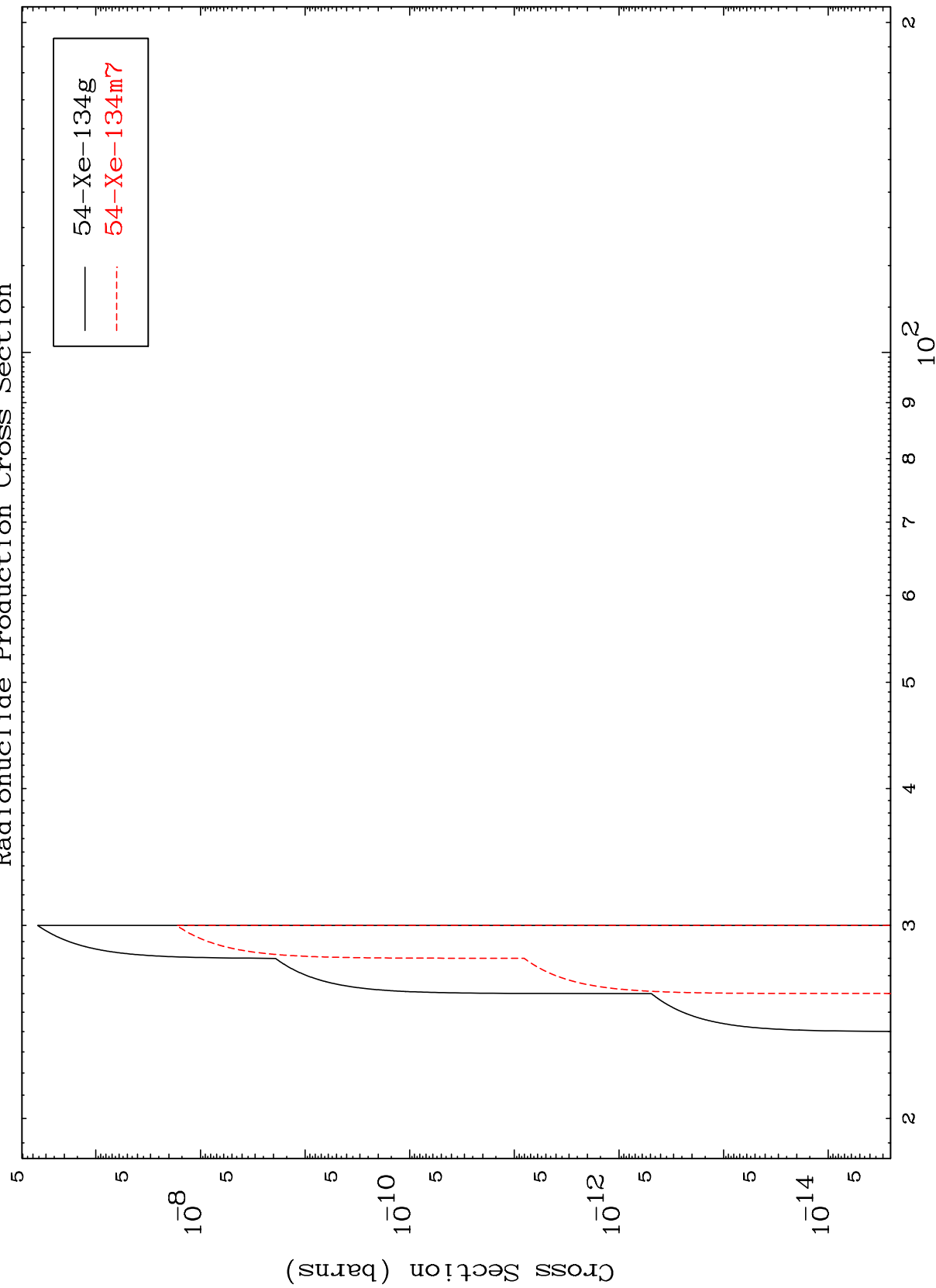


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54-Xe-137

$(\alpha, 3n) \alpha$

Radionuclide Production Cross Section



54-Xe-137

Incident Energy (MeV)

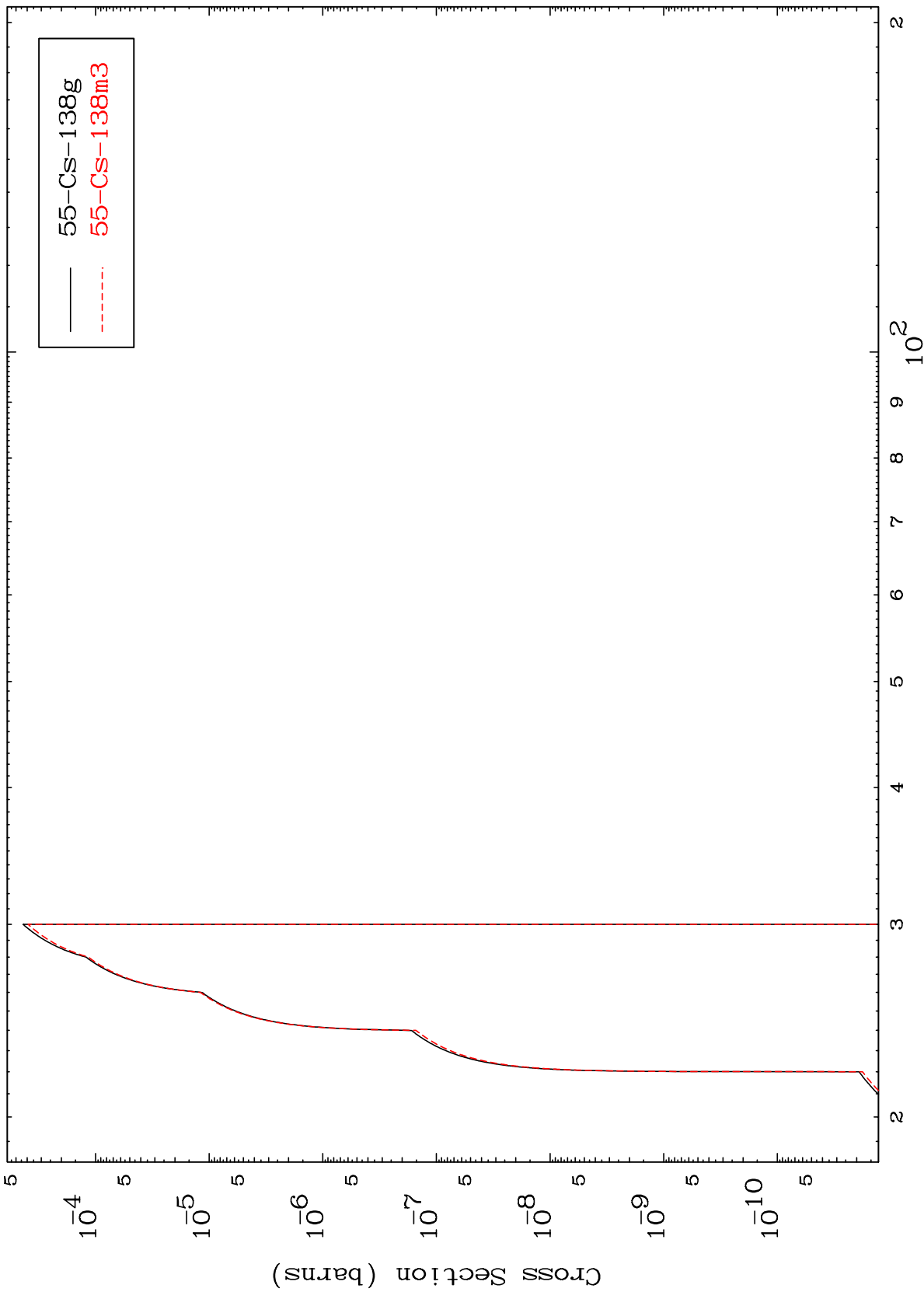
12

MAT 5464

(α, n') d

54-Xe-137

Radionuclide Production Cross Section



13

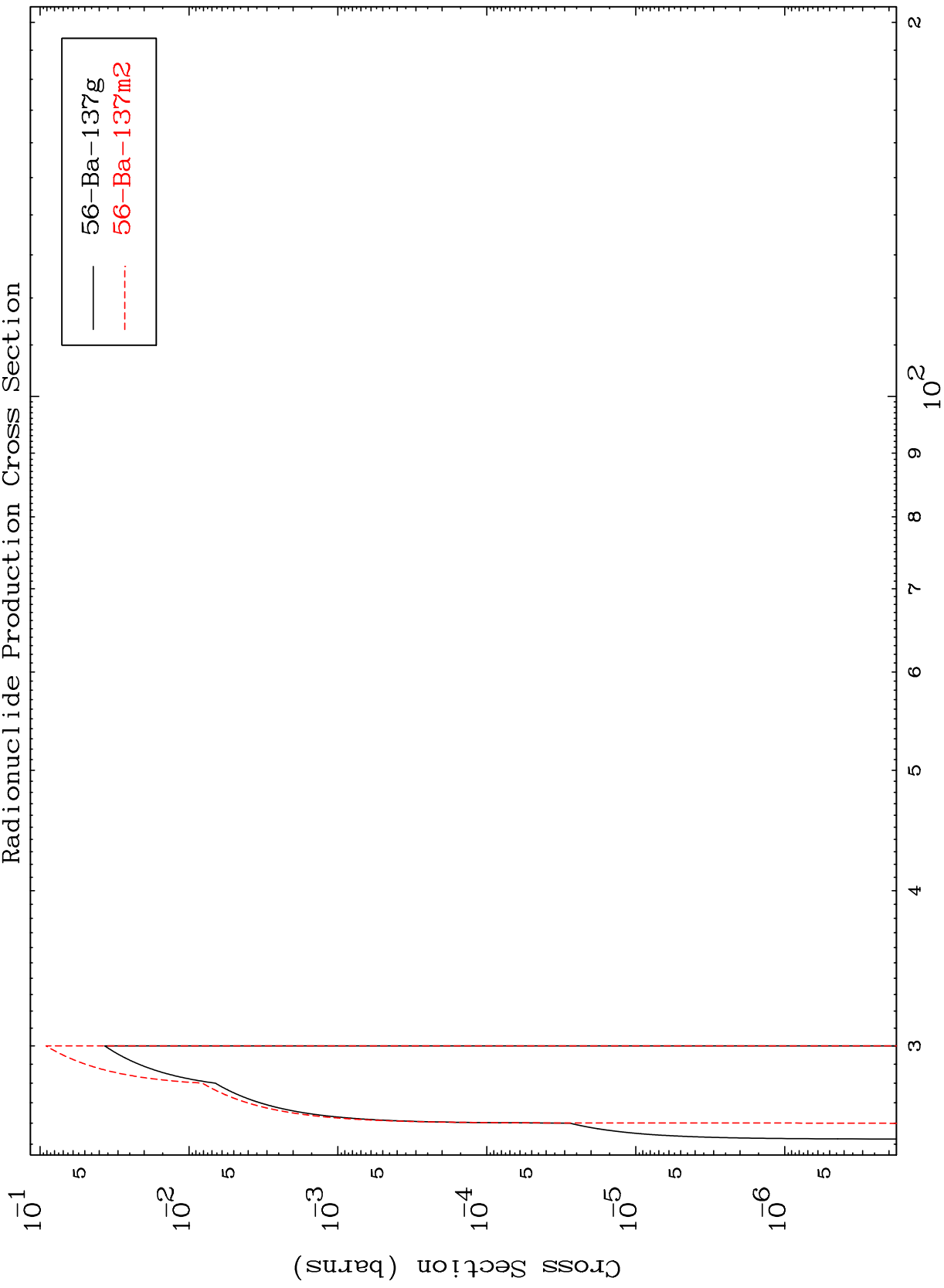
Incident Energy (MeV)

54-Xe-137

MAT 5464

54-Xe-137

($\alpha, 4n$)
Radionuclide Production Cross Section



54-Xe-137

Incident Energy (MeV)

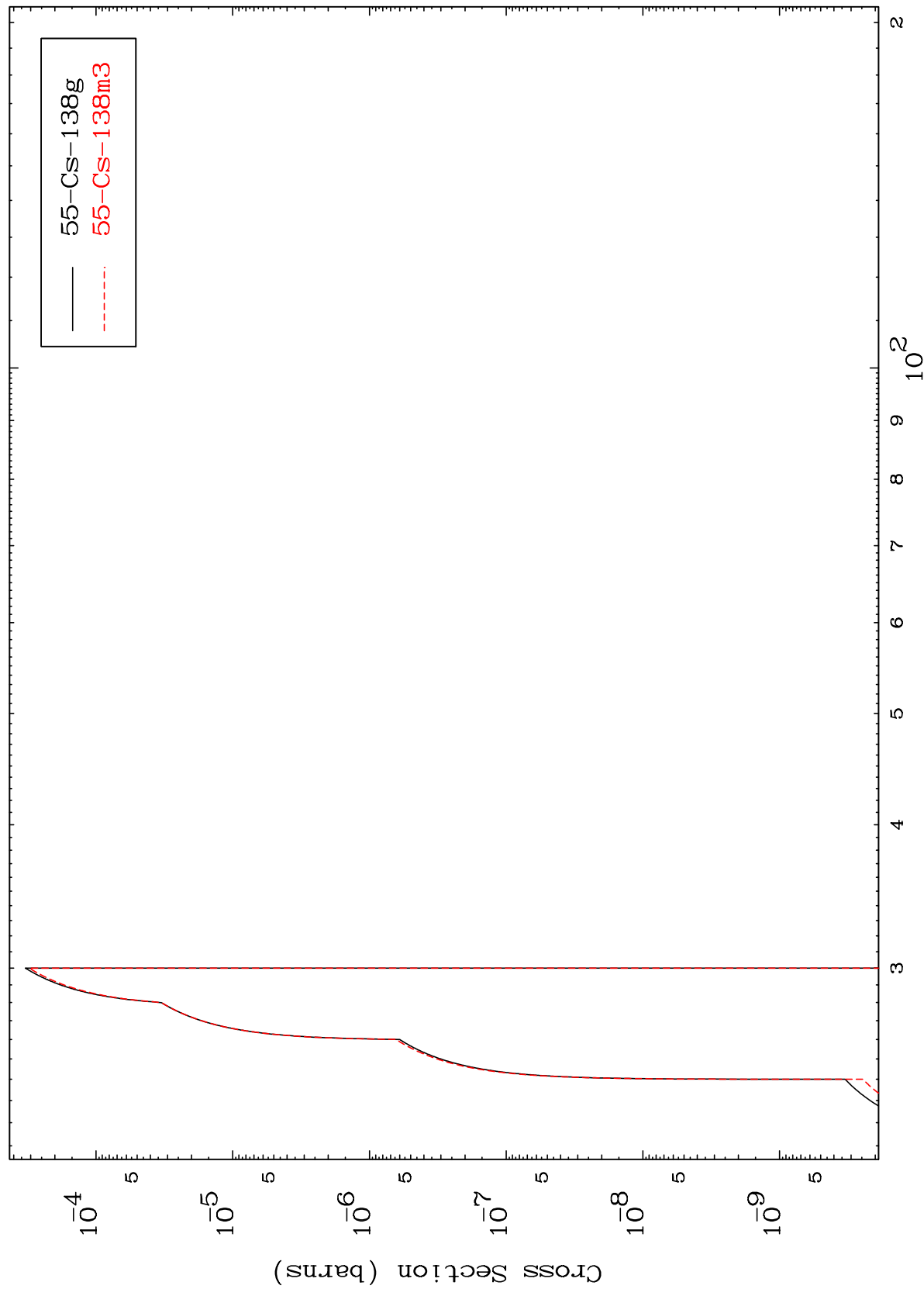
14

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($\alpha, 2n$) p

54-Xe-137

Radionuclide Production Cross Section



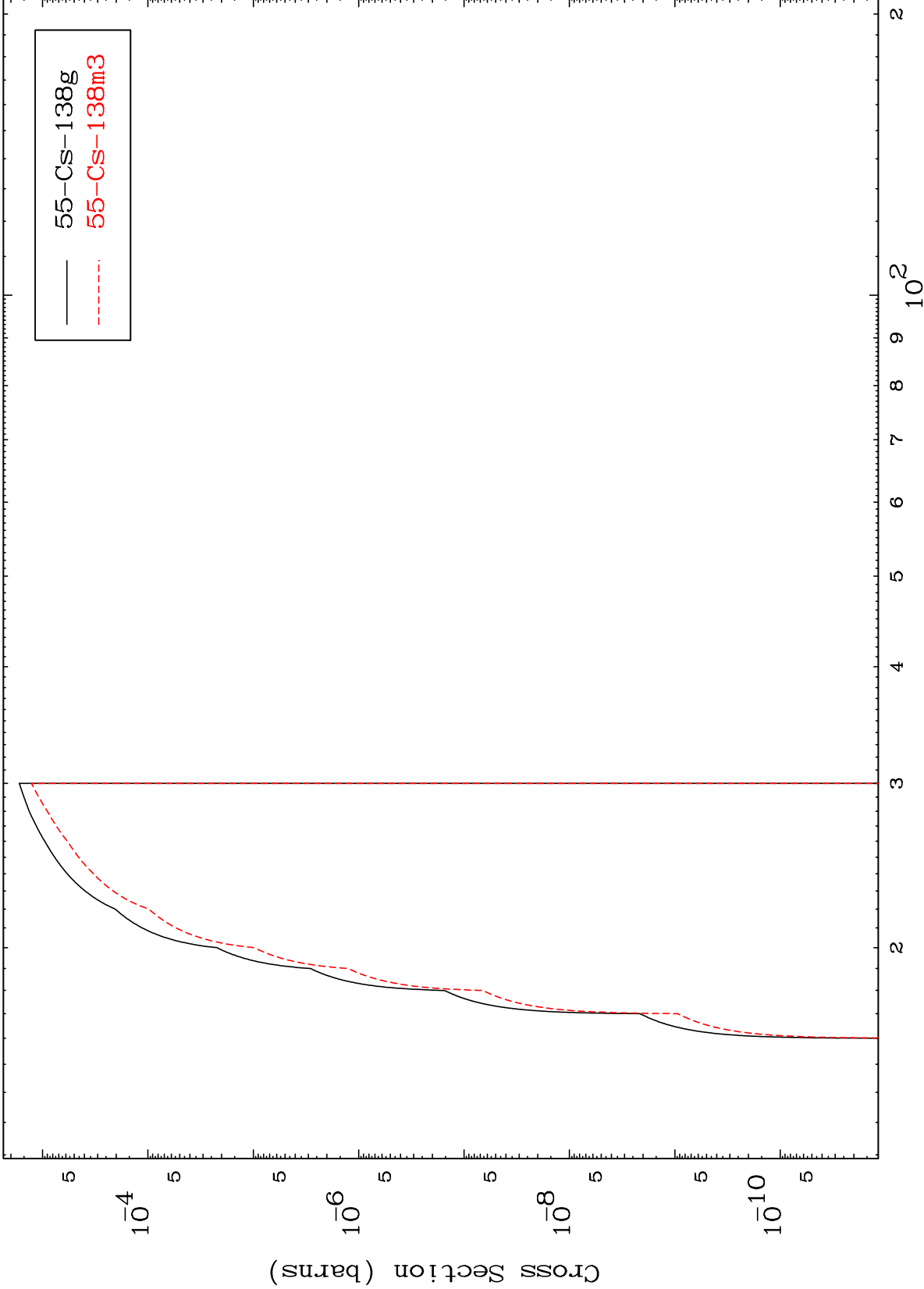
55-Cs-138g
55-Cs-138m3

15

Incident Energy (MeV)

54-Xe-137

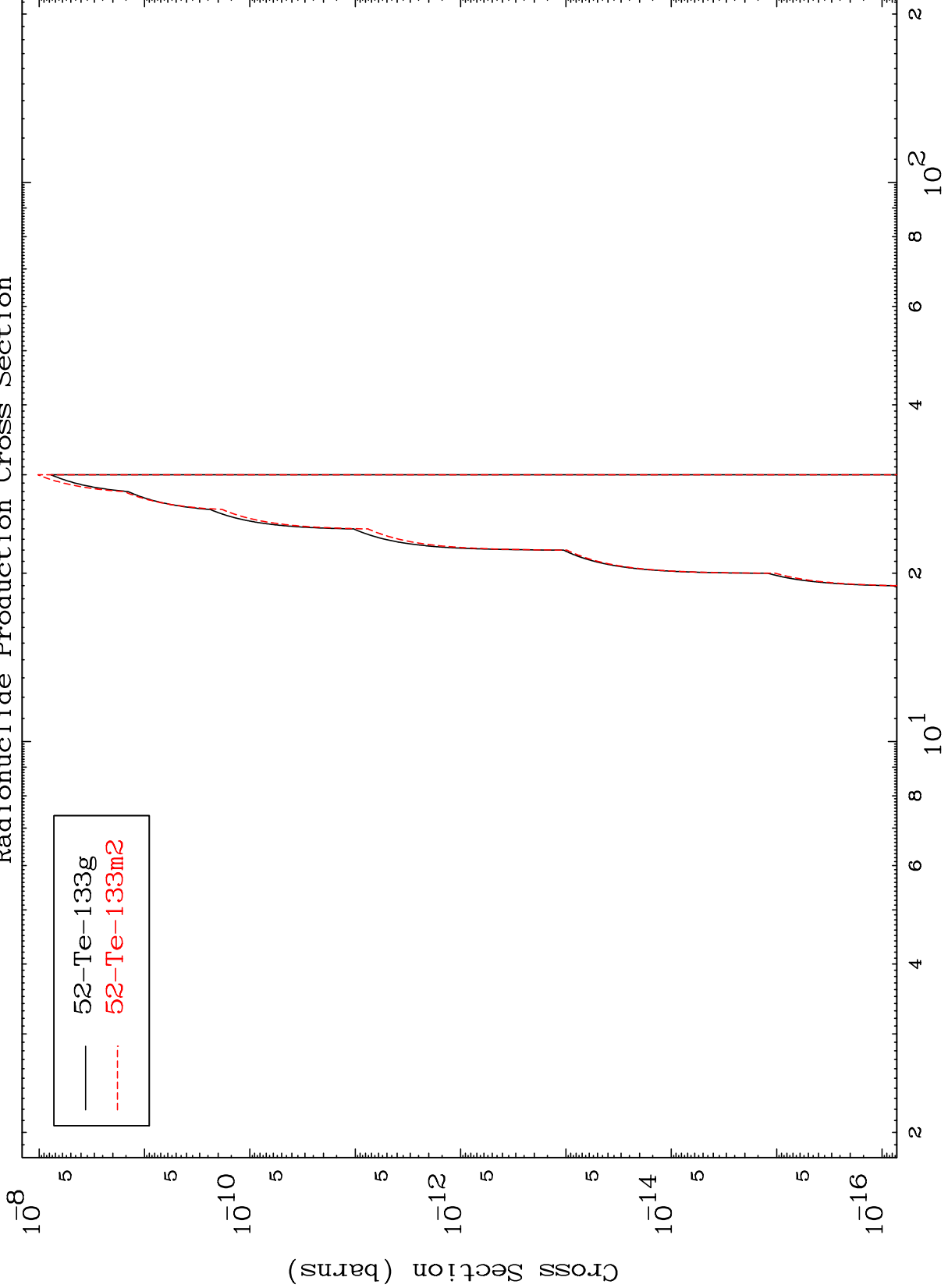
Radionuclide Production Cross Section



MAT 5464

54-Xe-137

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



17

Incident Energy (MeV)

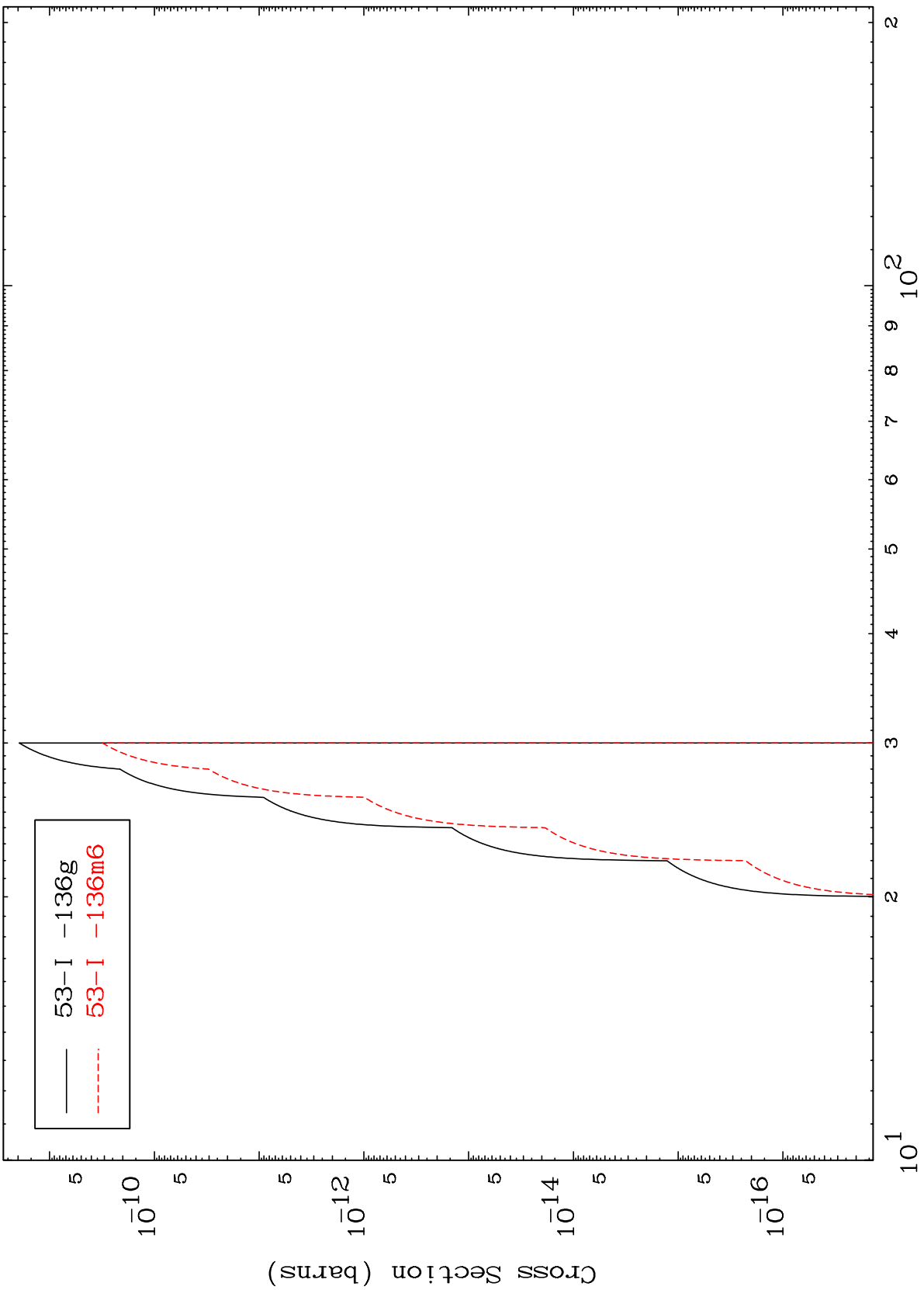
54-Xe-137

MAT 5464

(α, p) α

54-Xe-137

Radionuclide Production Cross Section



18

Incident Energy (MeV)

54-Xe-137