

Program EVALPLOT
(Version 2018-1)

by

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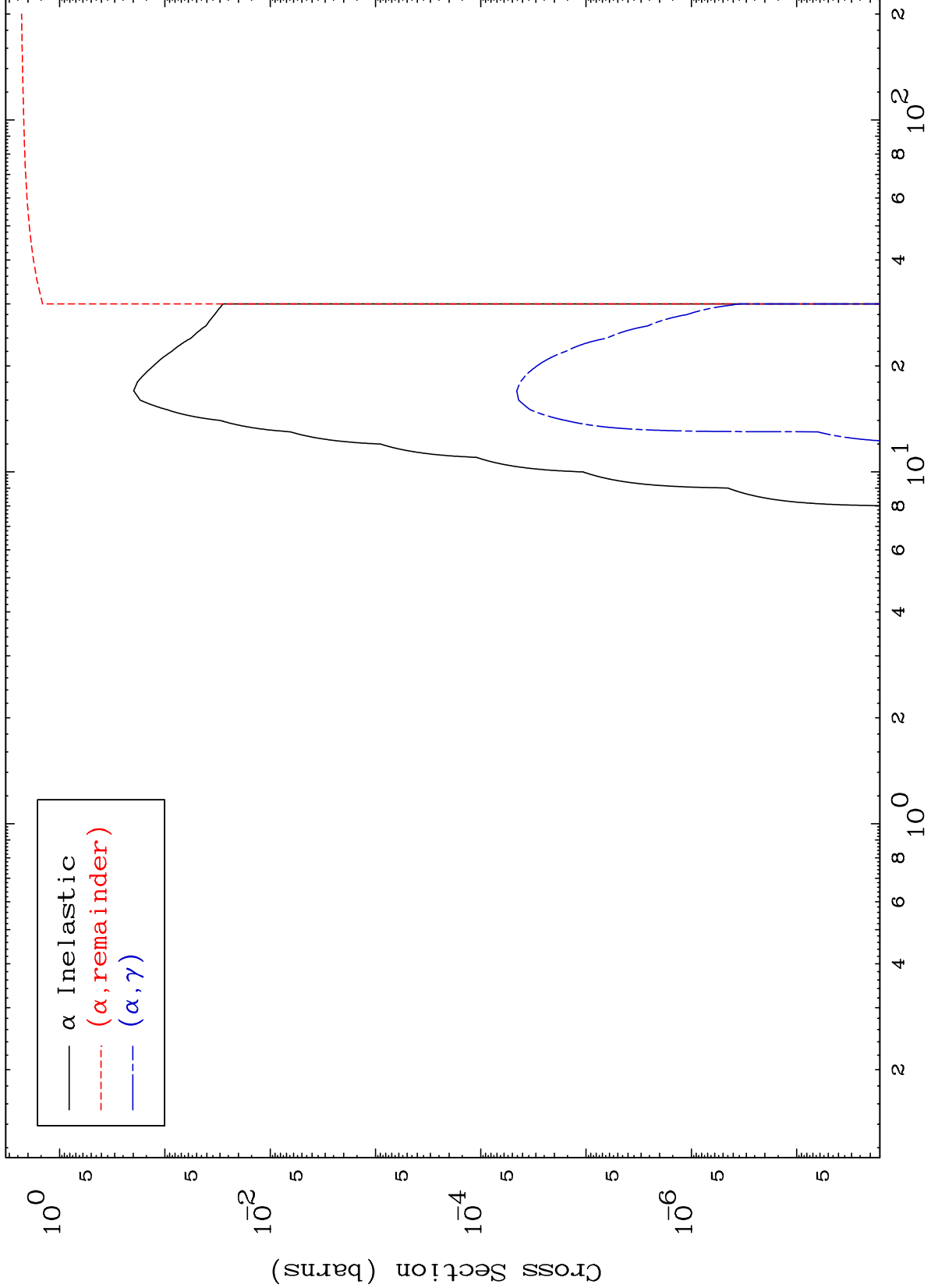
Press Mouse Button to Start

MAT 5447

α Major

54-Xe-131

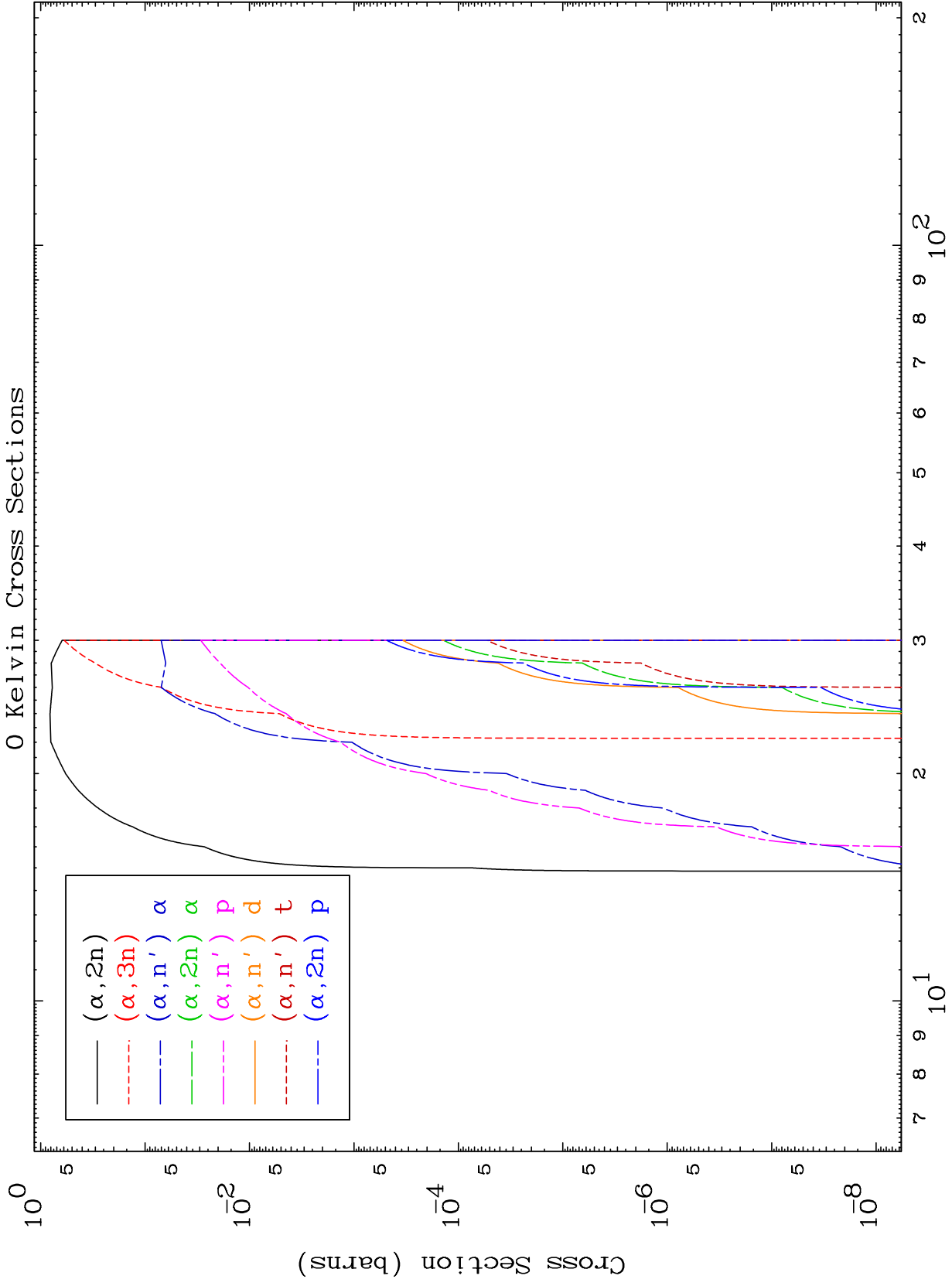
0 Kelvin Cross Sections

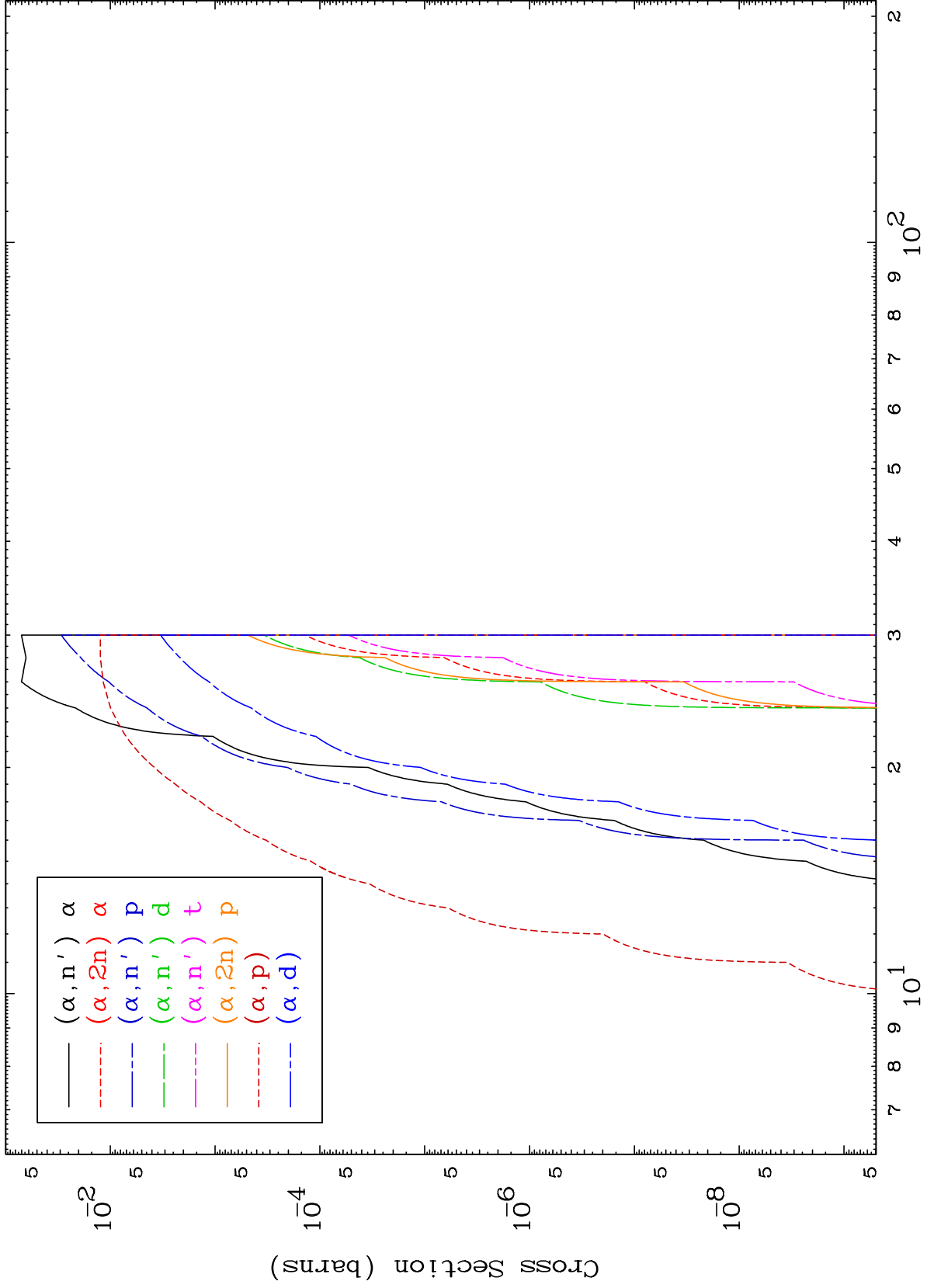


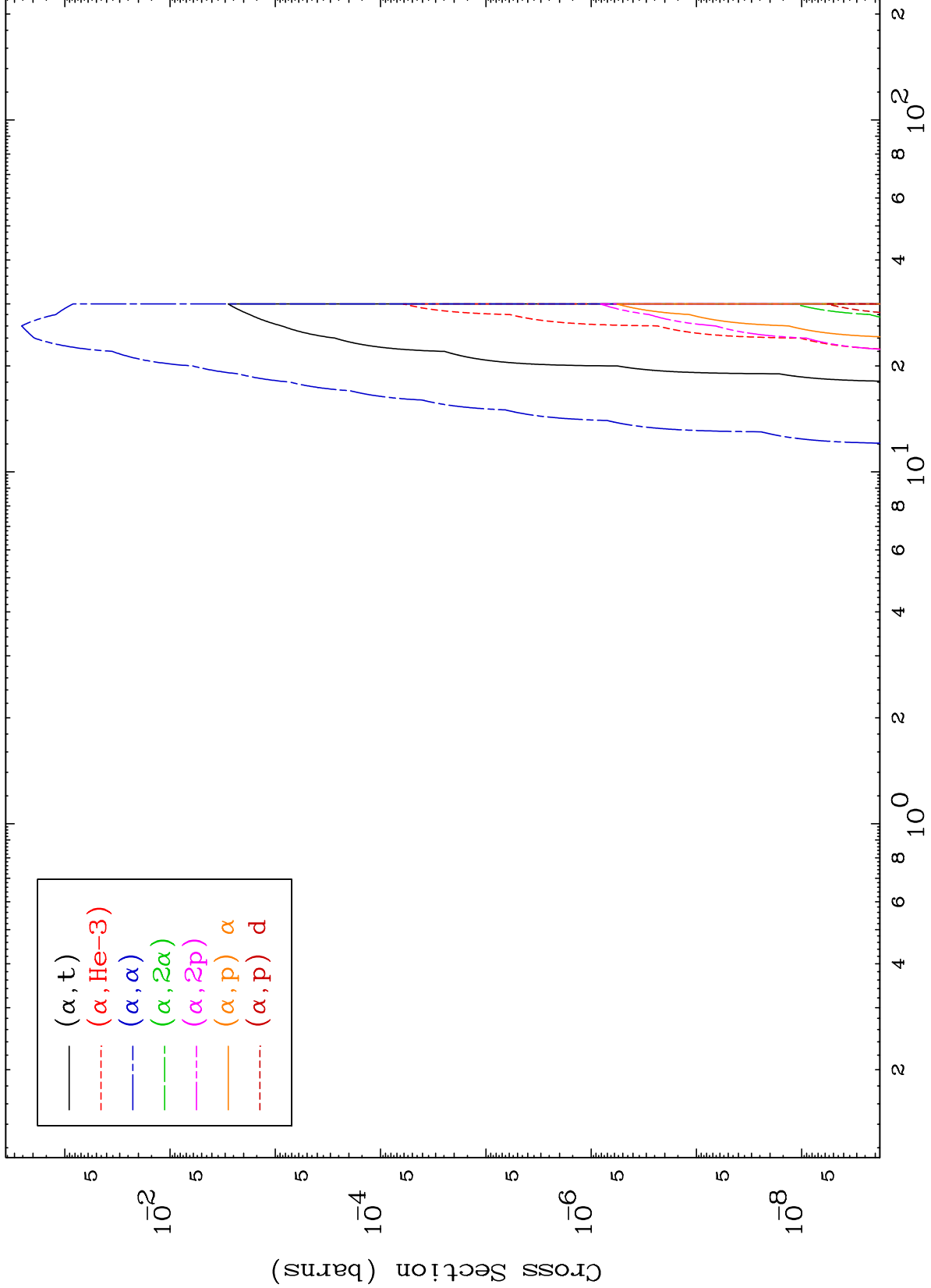
MAT 5447

α Neutron Production
0 Kelvin Cross Sections

54-Xe-131





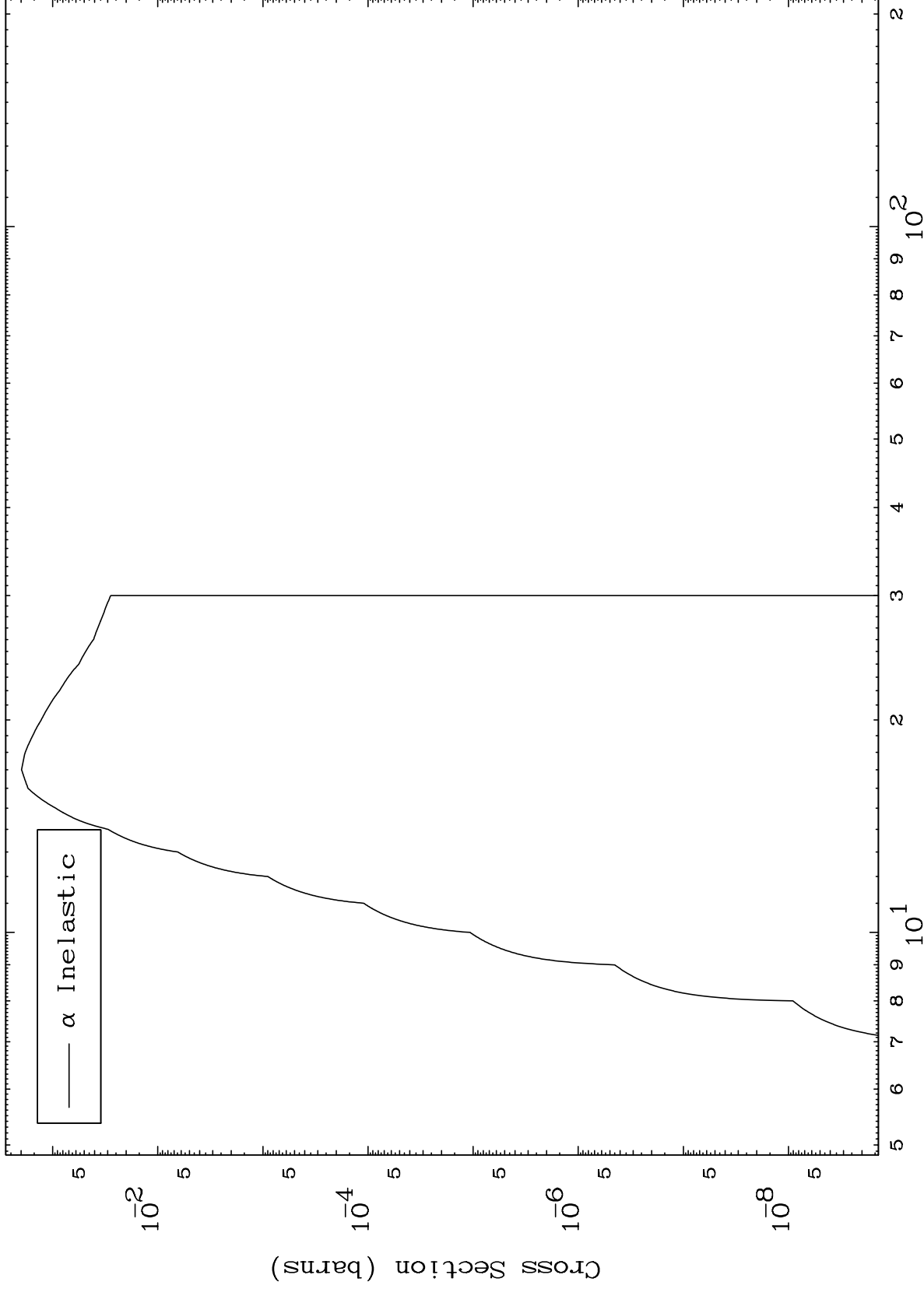


MAT 5447

(α, n') Level

54-Xe-131

0 Kelvin Cross Sections



5

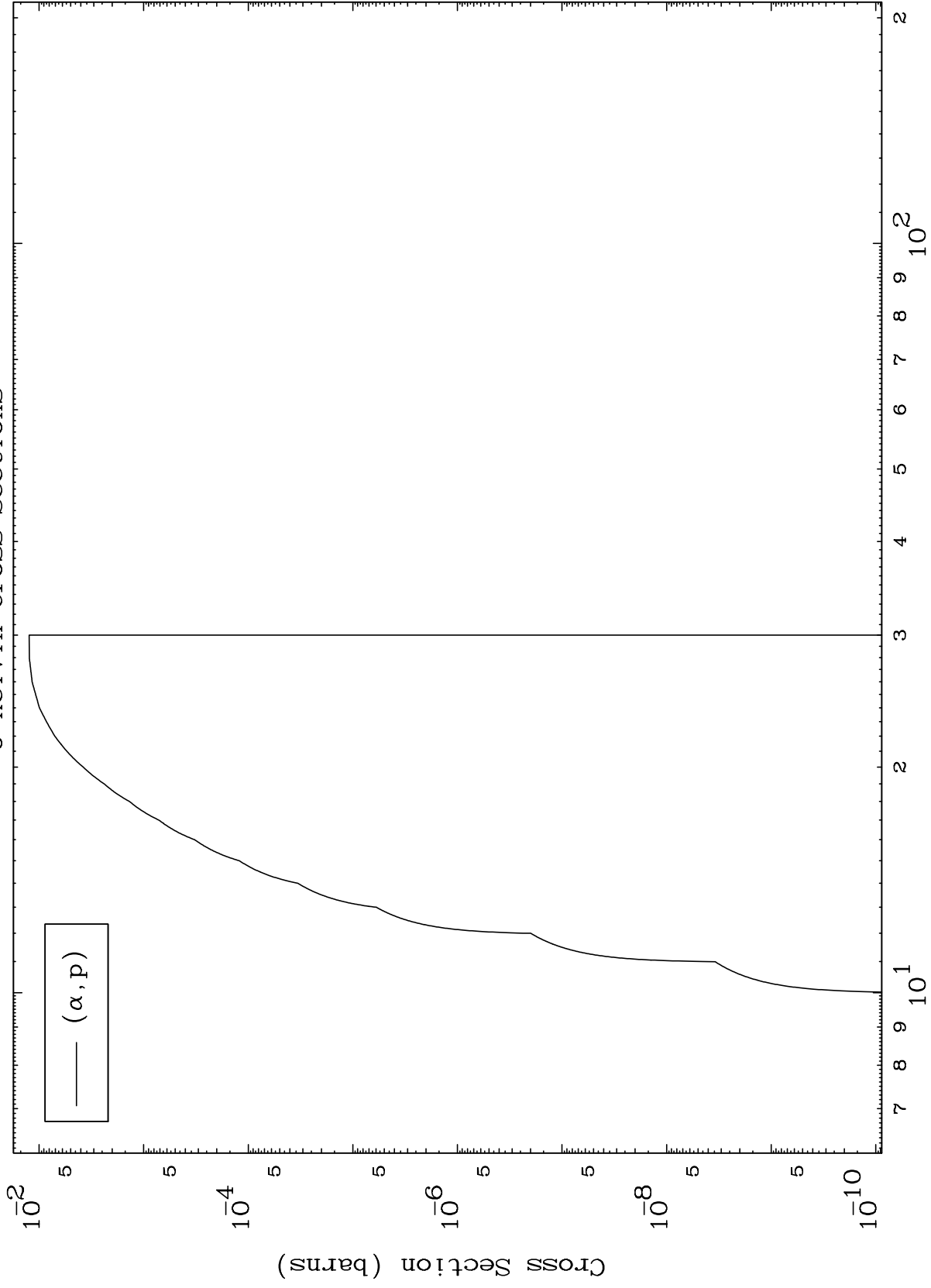
Incident Energy (MeV)

54-Xe-131

MAT 5447

54-Xe-131

(α, p) Levels
0 Kelvin Cross Sections



6

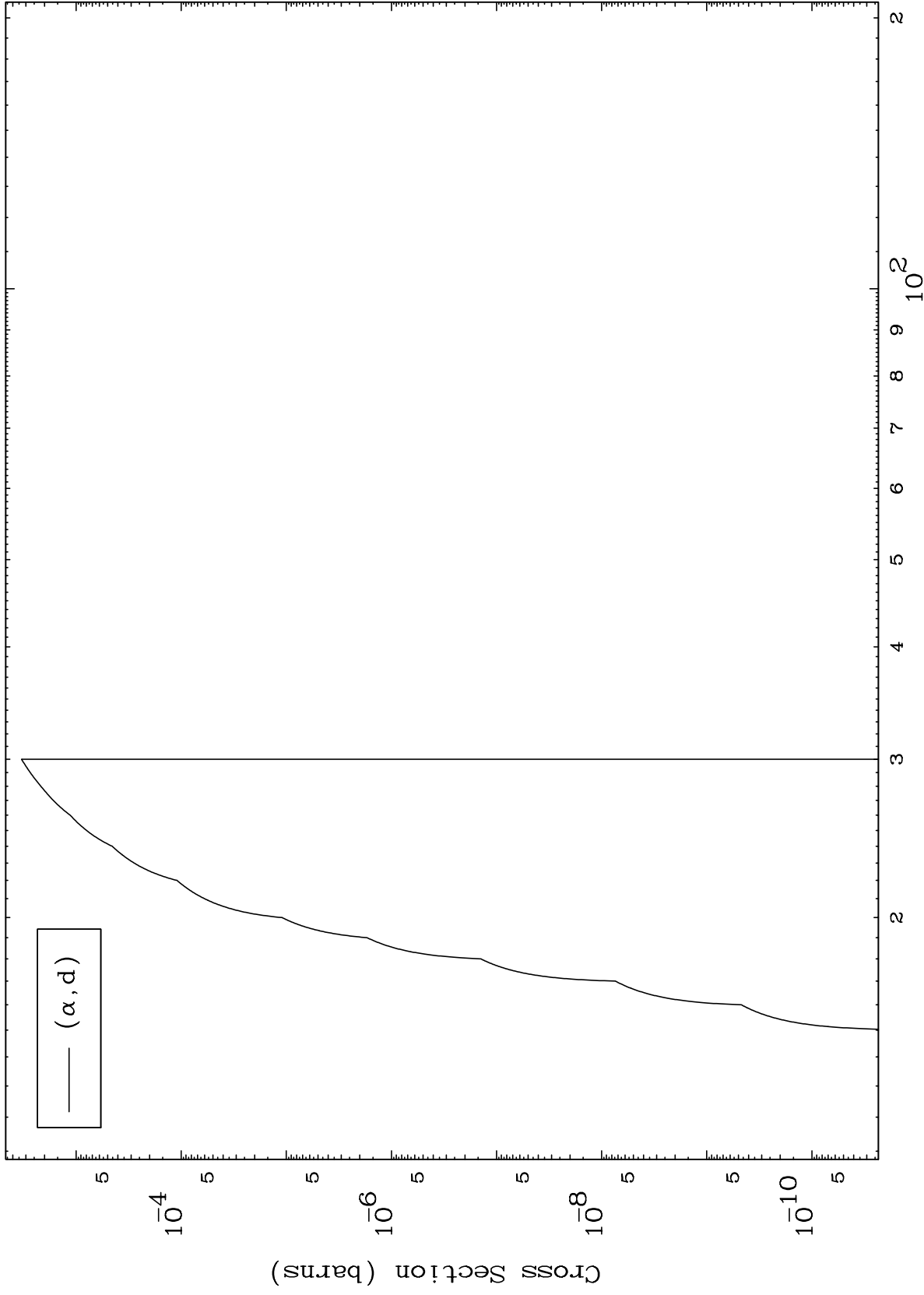
Incident Energy (MeV)

54-Xe-131

MAT 5447

(α, d) Levels
0 Kelvin Cross Sections

54-Xe-131



7

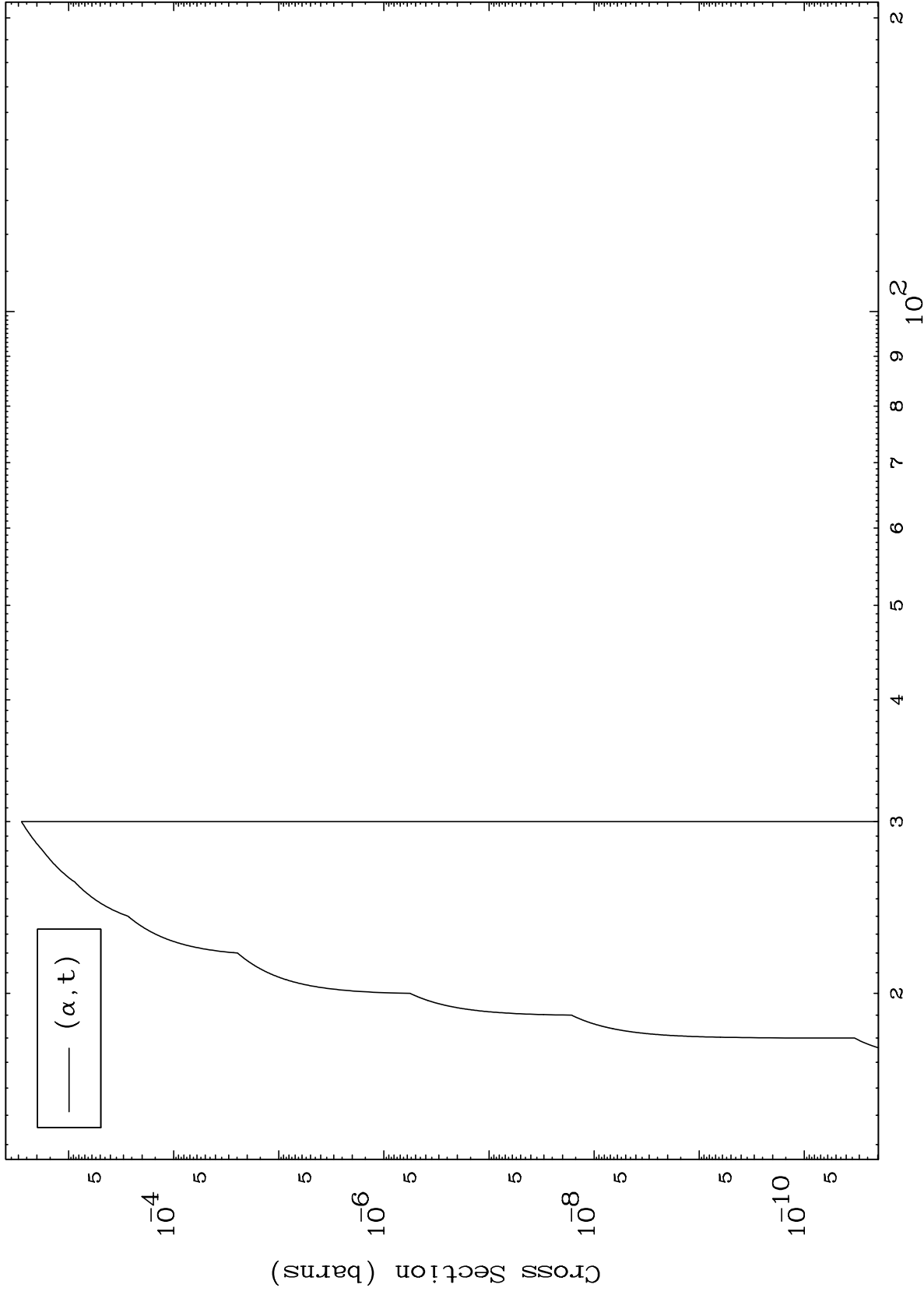
Incident Energy (MeV)

54-Xe-131

MAT 5447

(α, t) Levels
0 Kelvin Cross Sections

54-Xe-131

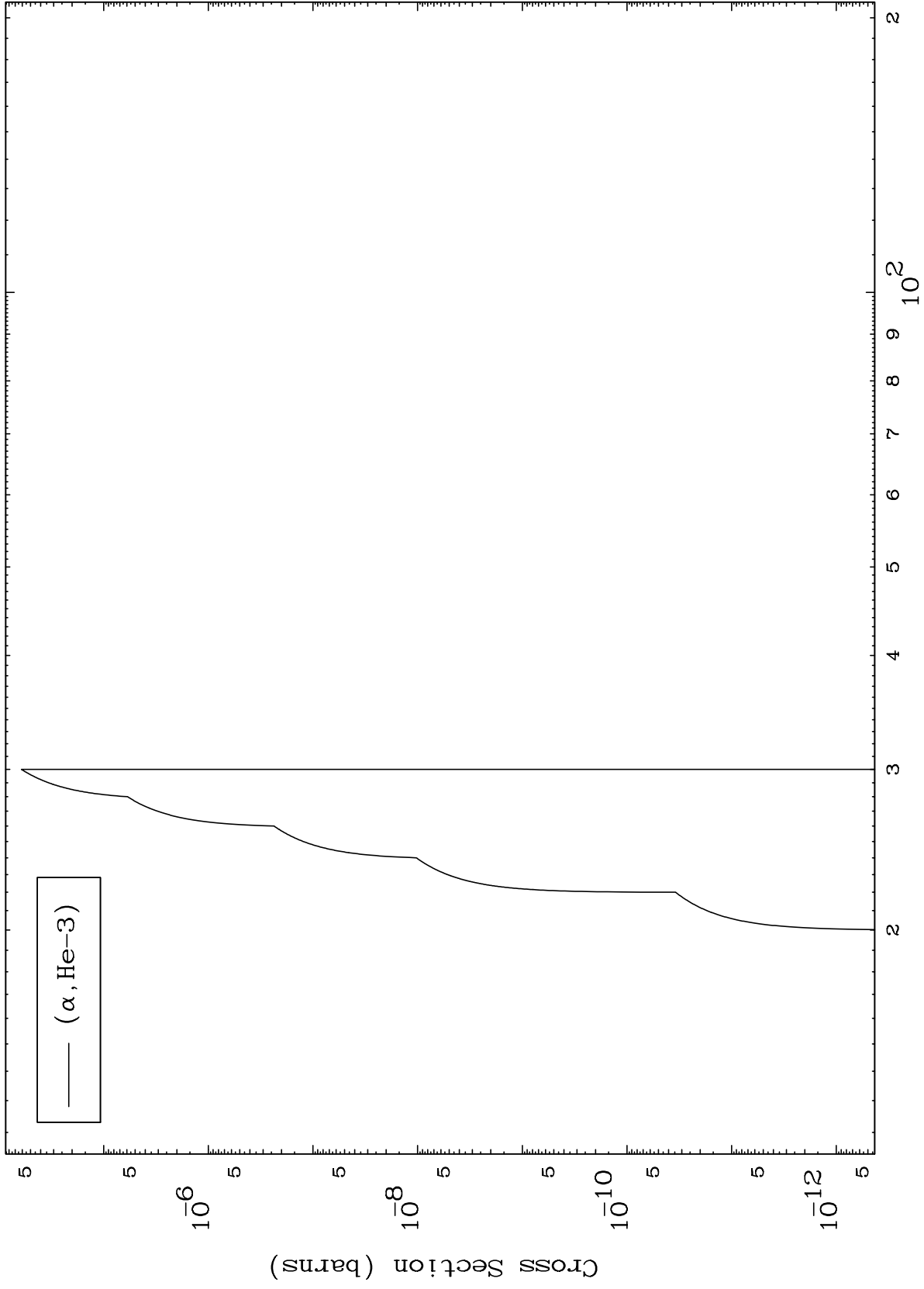


8

Incident Energy (MeV)

54-Xe-131

(α , He3) Levels
0 Kelvin Cross Sections



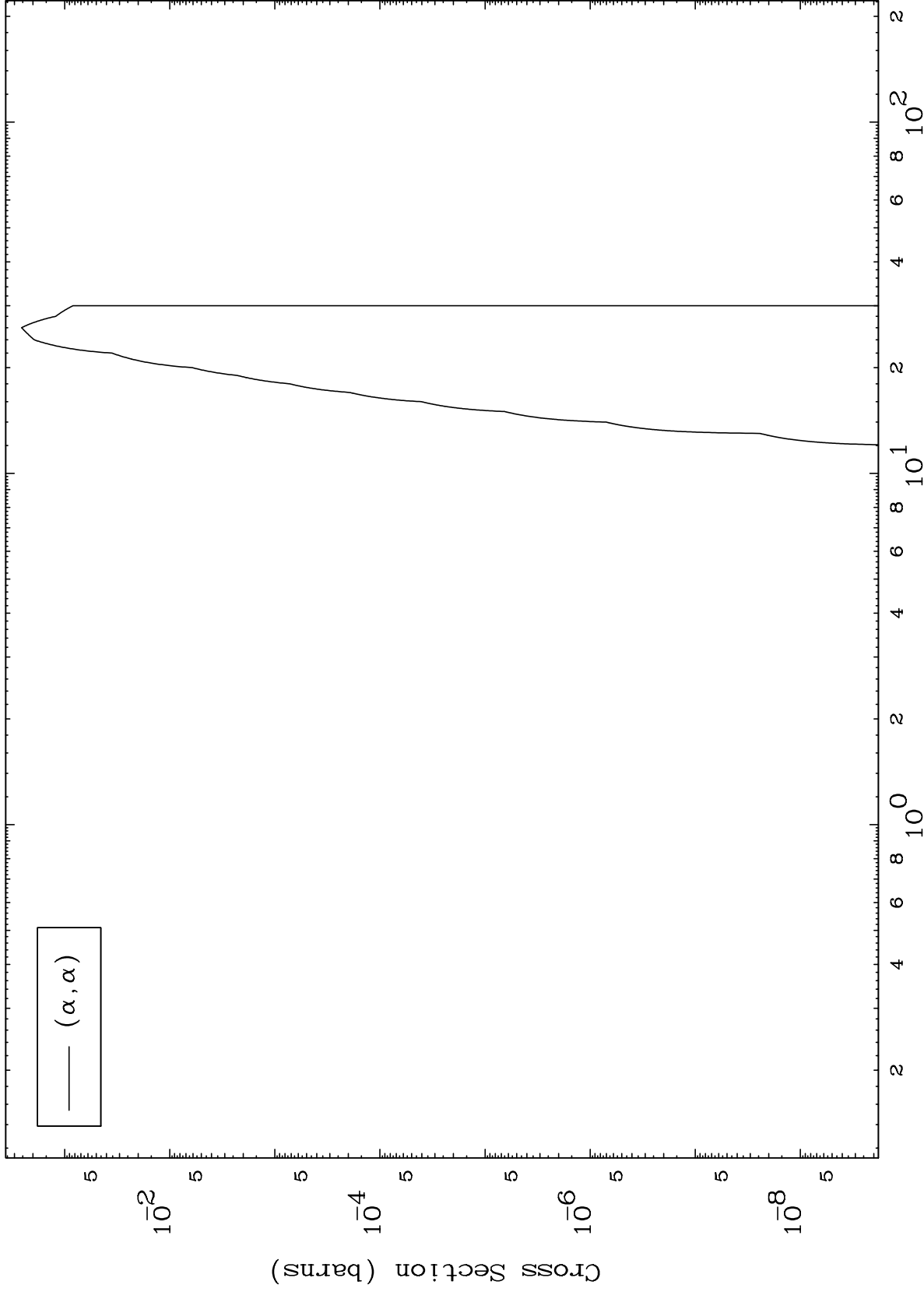
(α , He-3)

MAT 5447

(α, α) Levels

54-Xe-131

0 Kelvin Cross Sections



10

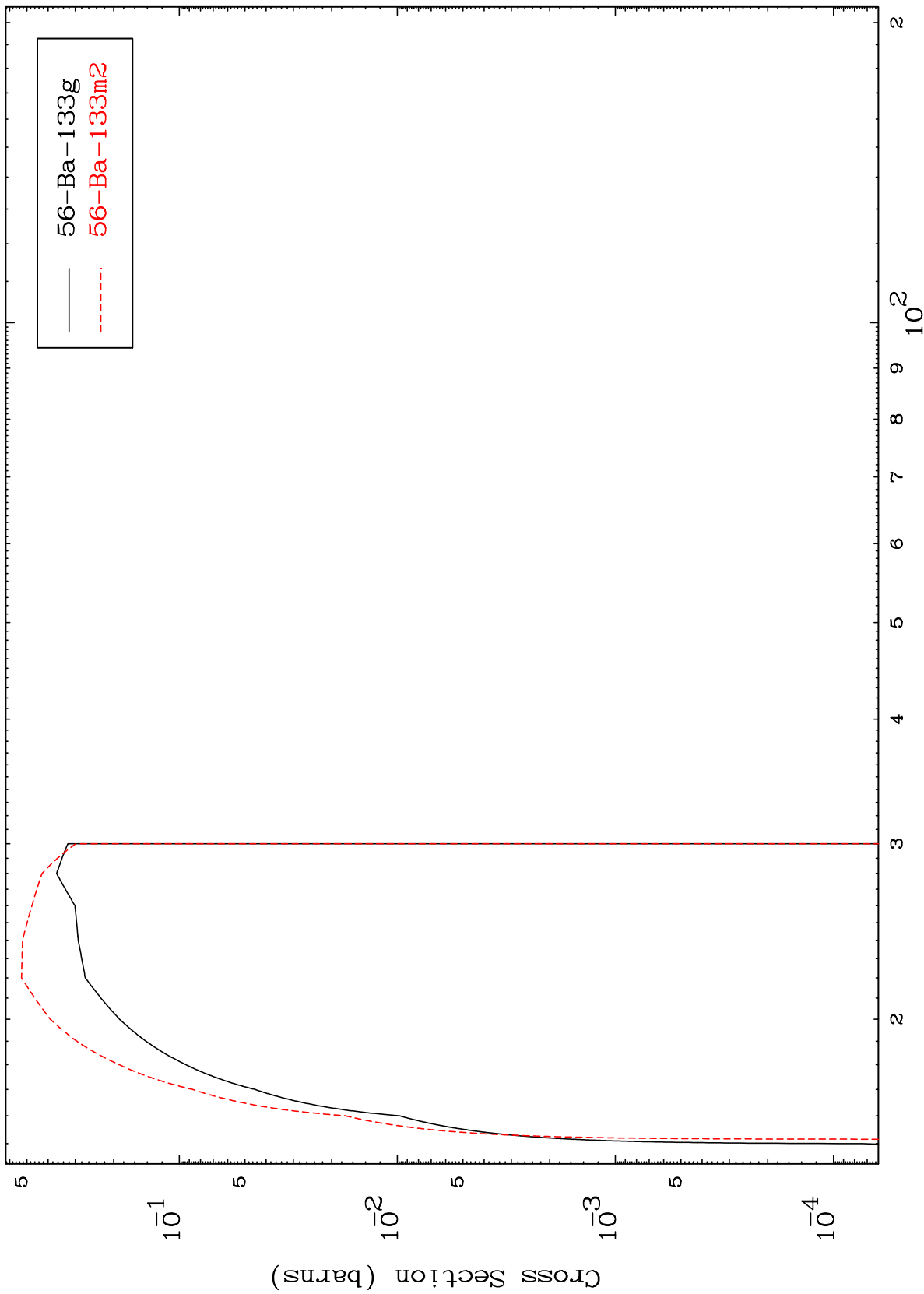
Incident Energy (MeV)

54-Xe-131

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54-Xe-131

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



54-Xe-131

Incident Energy (MeV)

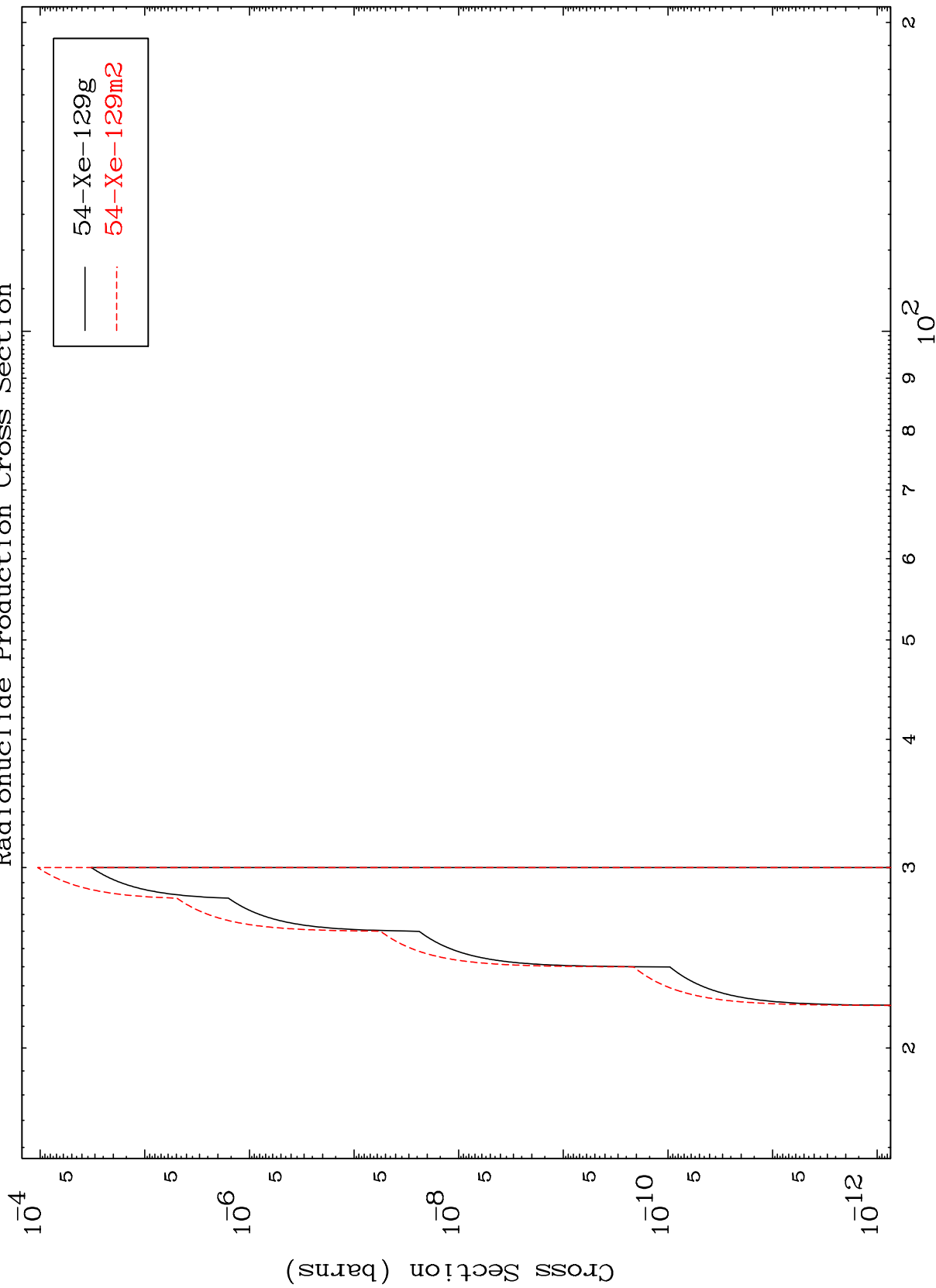
11

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$(\alpha, 2n)$ α

54-Xe-131

Radionuclide Production Cross Section



12

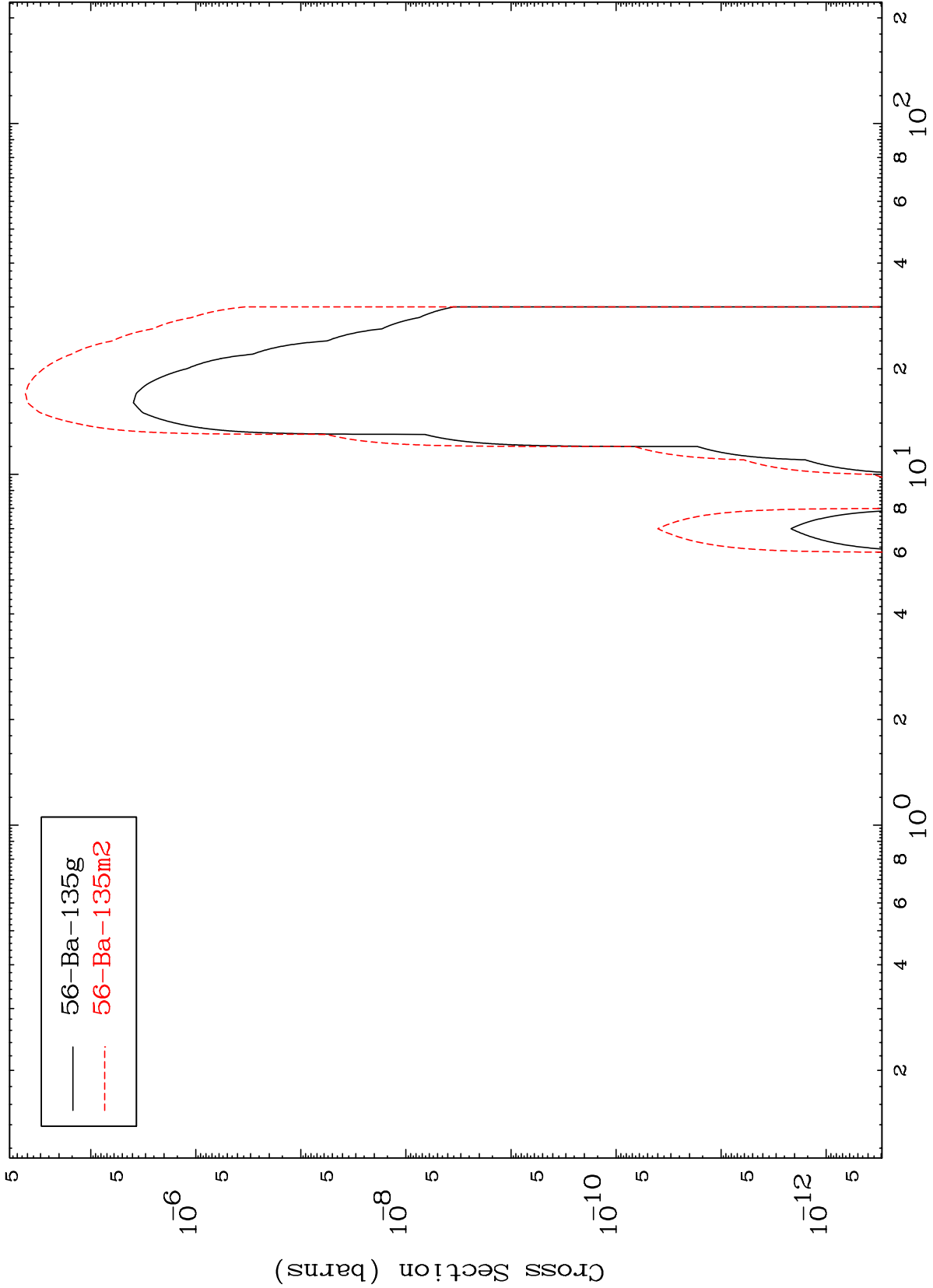
Incident Energy (MeV)

54-Xe-131

MAT 5447

54-Xe-131

(α, γ)
Radionuclide Production Cross Section



54-Xe-131

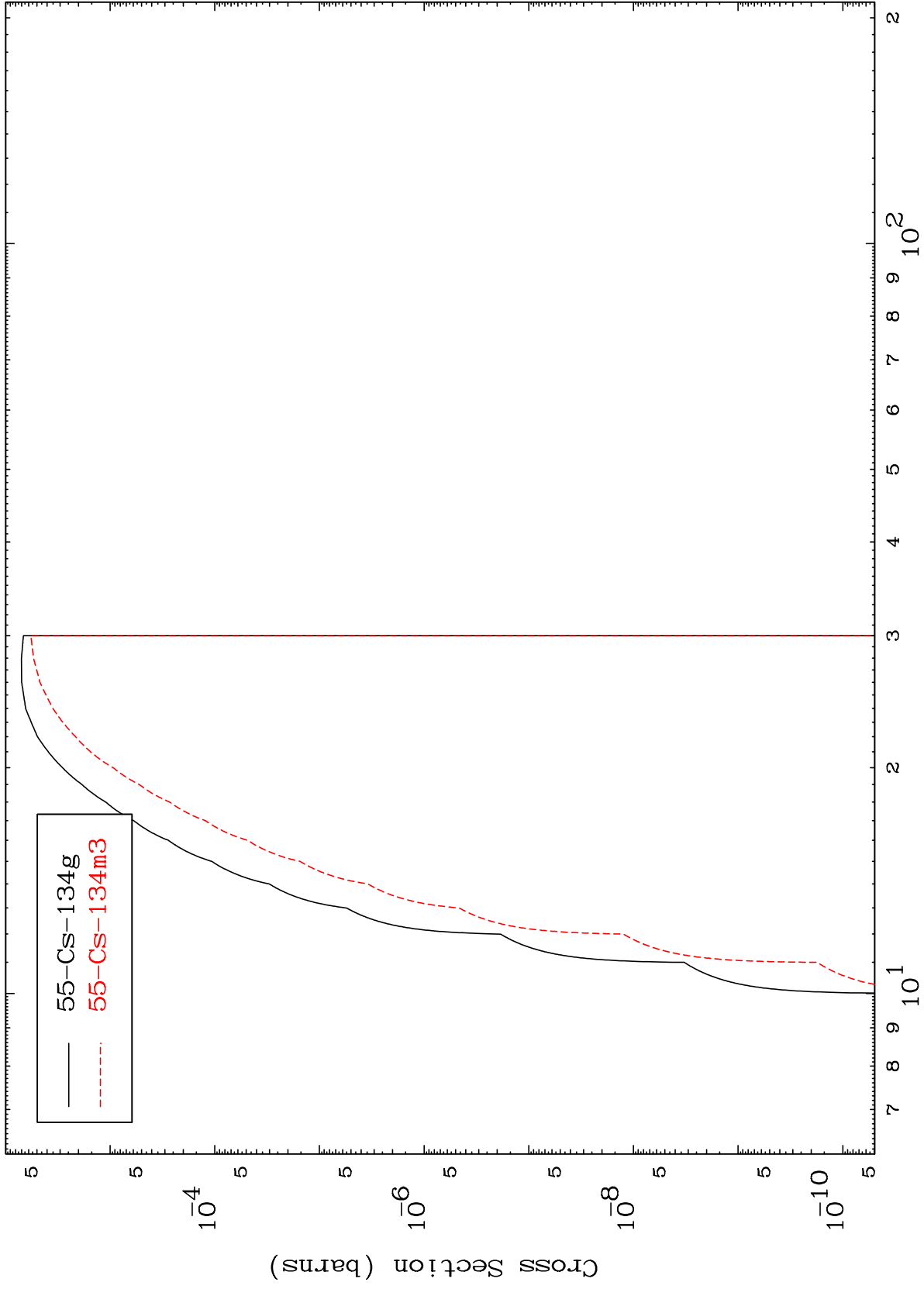
Incident Energy (MeV)

13

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54-Xe-131

(α, p)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

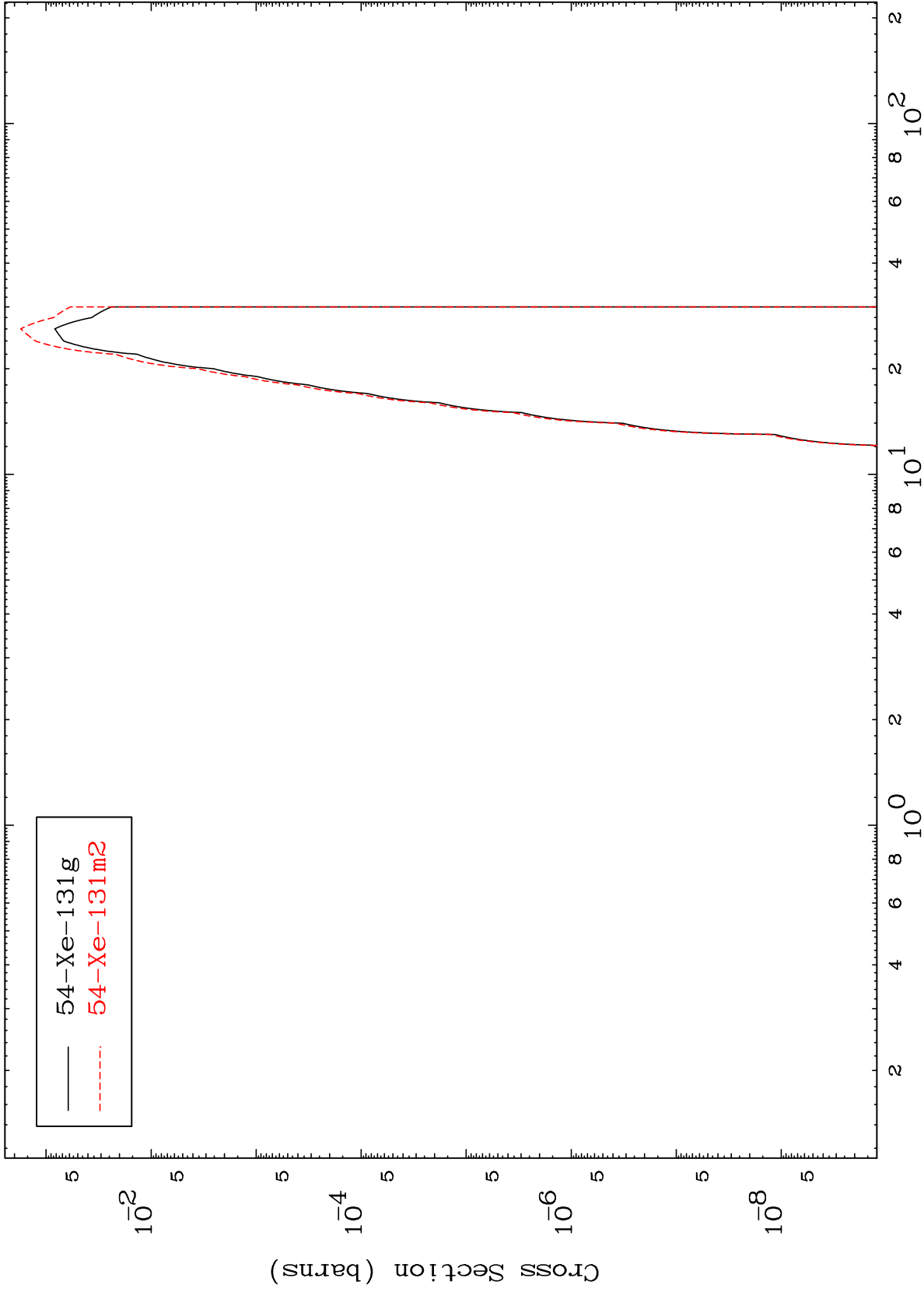
54-Xe-131

MAT 5447

54-Xe-131

(α, α)

Radionuclide Production Cross Section



15

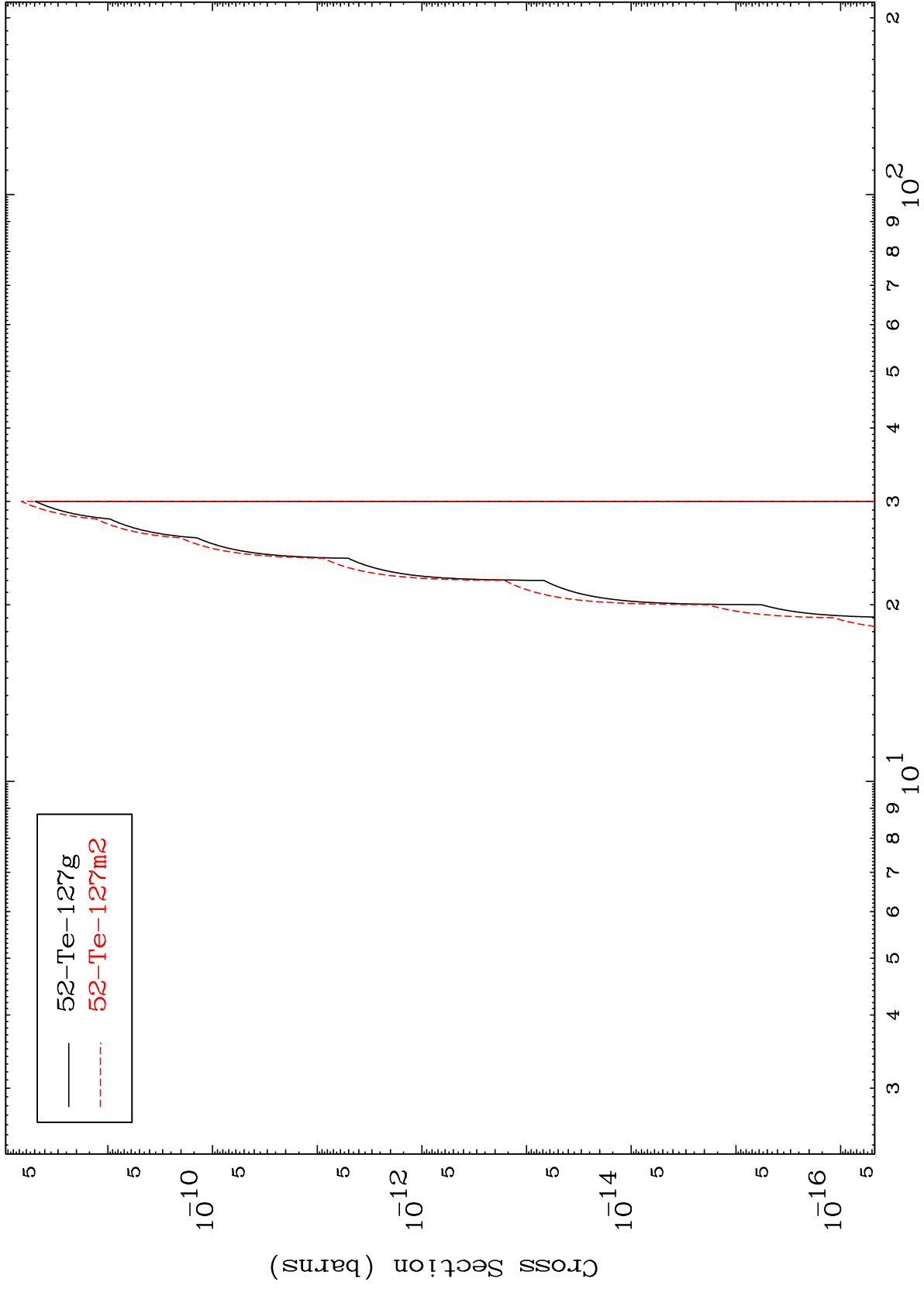
54-Xe-131

Incident Energy (MeV)

MAT 5447

54-Xe-131

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



16

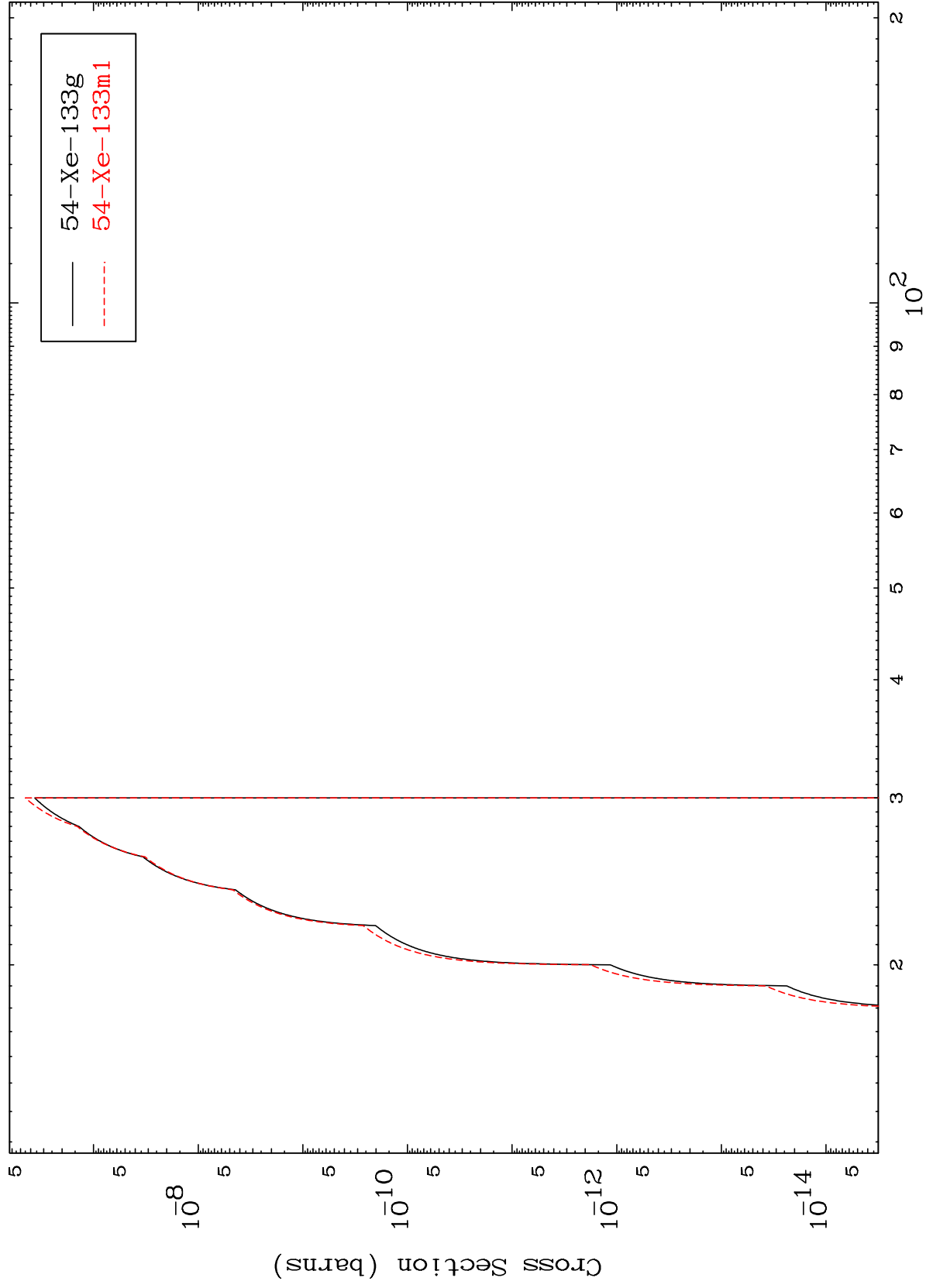
Incident Energy (MeV)

54-Xe-131

MAT 5447

54-Xe-131

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



17

54-Xe-131

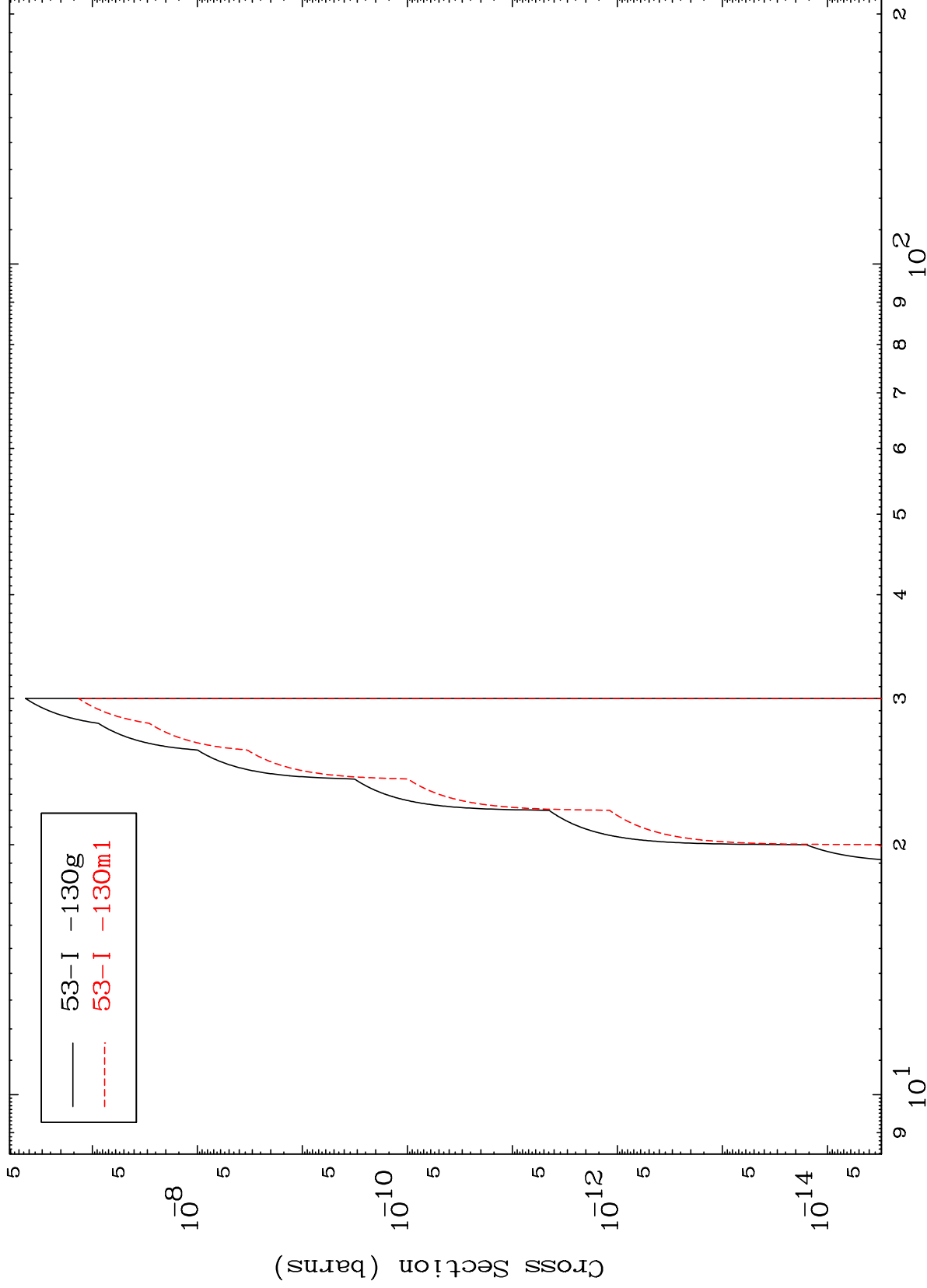
Incident Energy (MeV)

MAT 5447

(α, p) α

54-Xe-131

Radionuclide Production Cross Section



18

Incident Energy (MeV)

54-Xe-131