

Program EVALPLOT
(Version 2018-1)

by

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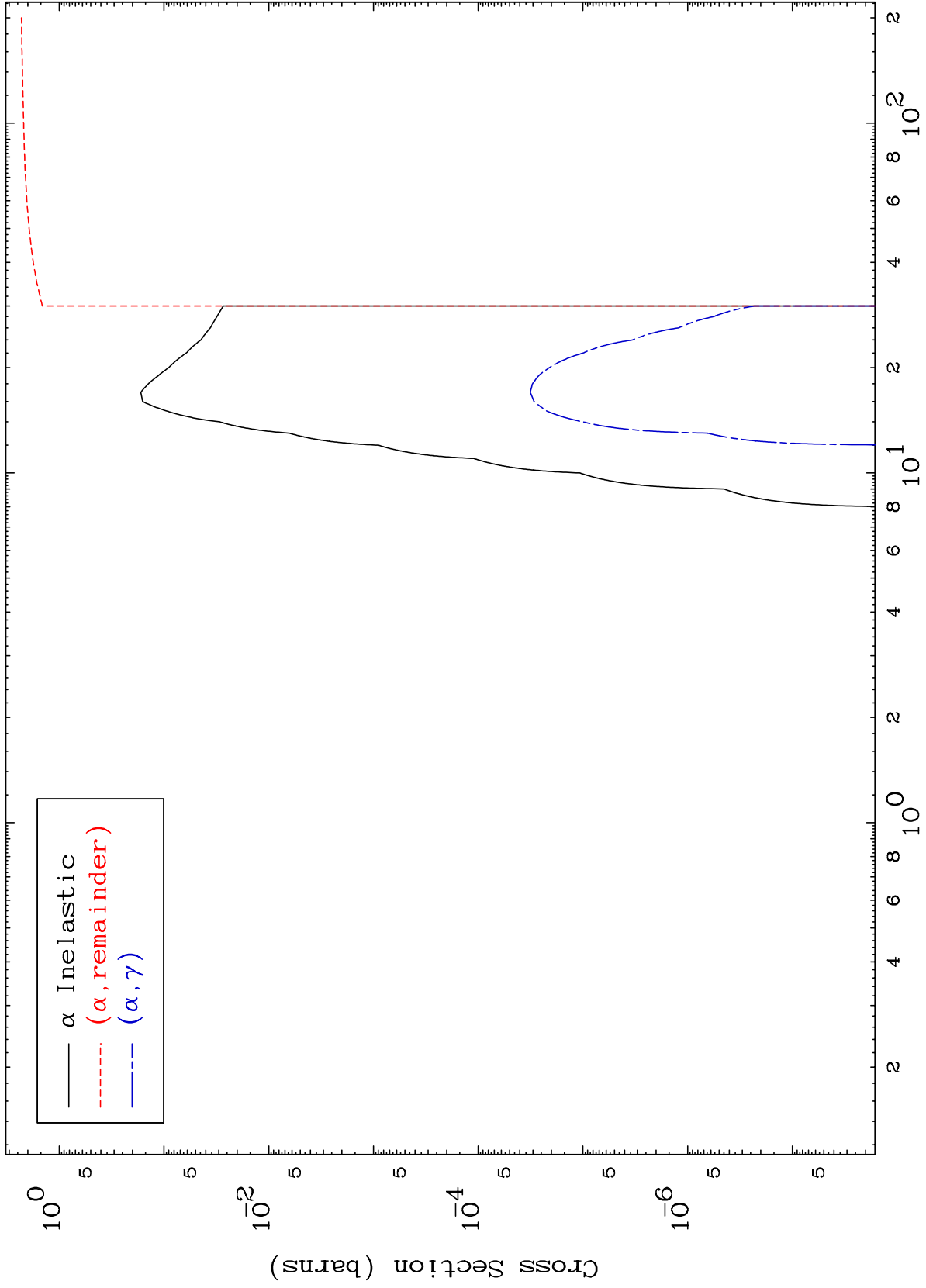
Press Mouse Button to Start

MAT 5446

α Major

54-Xe-131

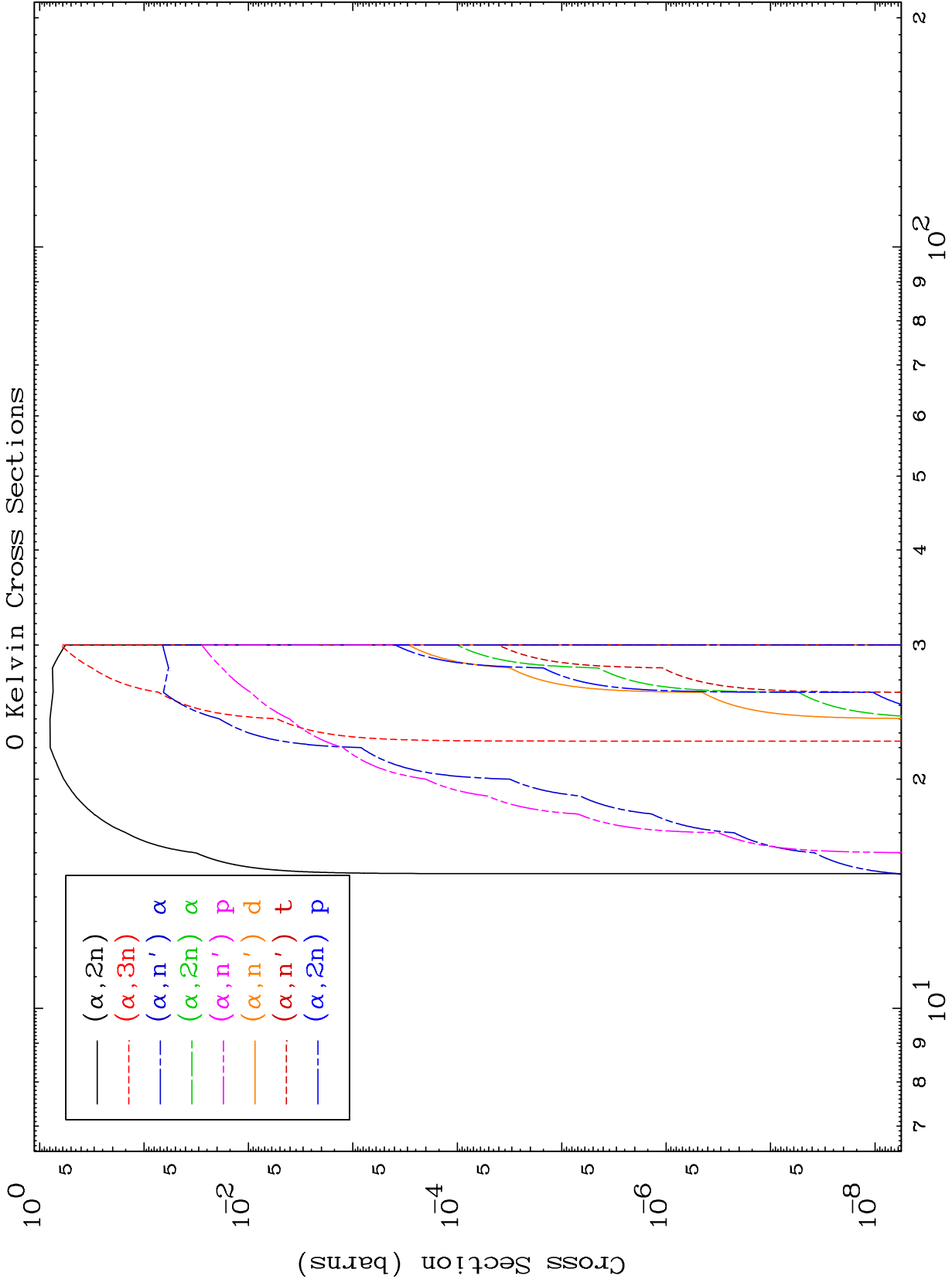
0 Kelvin Cross Sections



MAT 5446

α Neutron Production
0 Kelvin Cross Sections

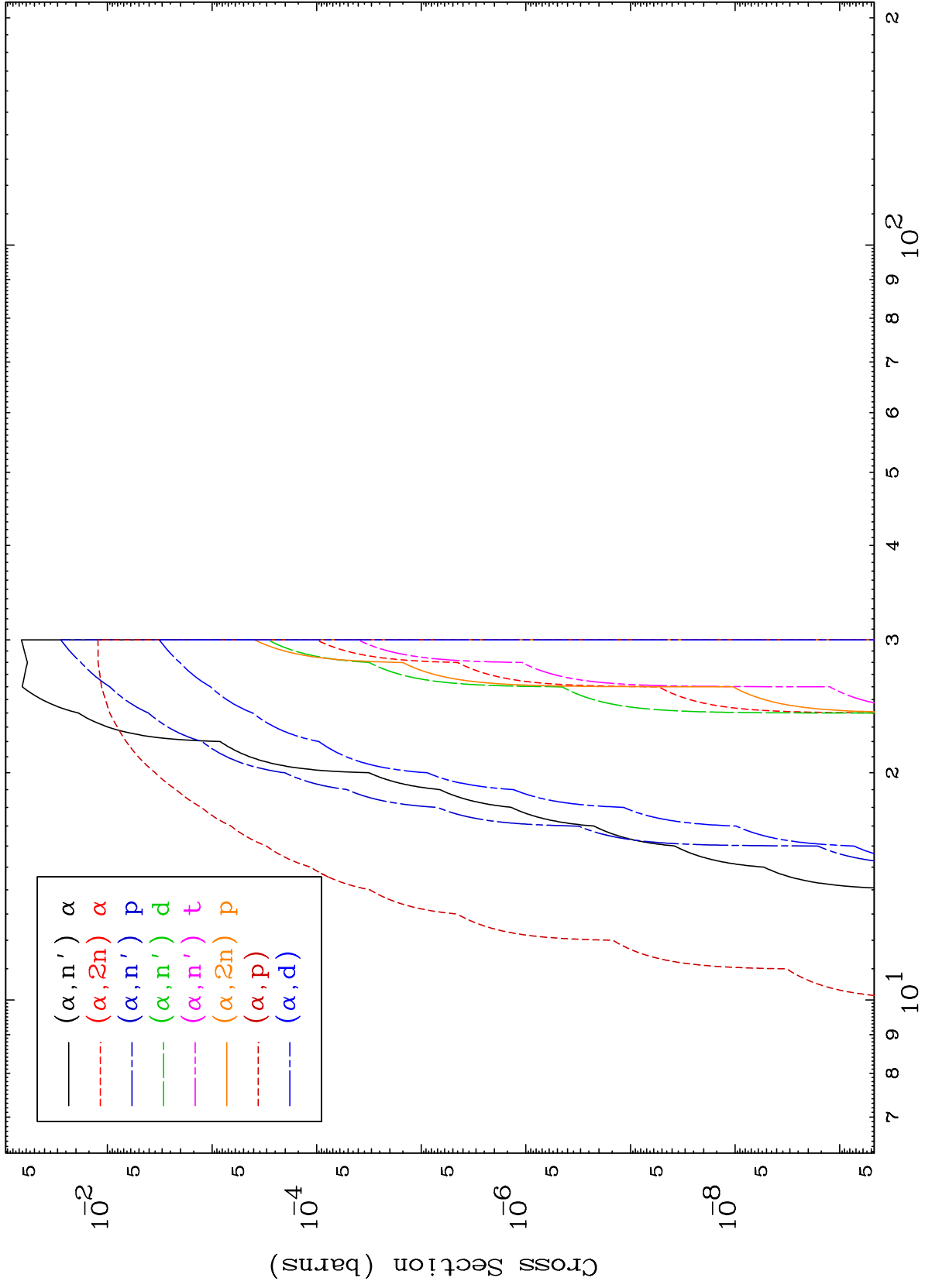
54-Xe-131

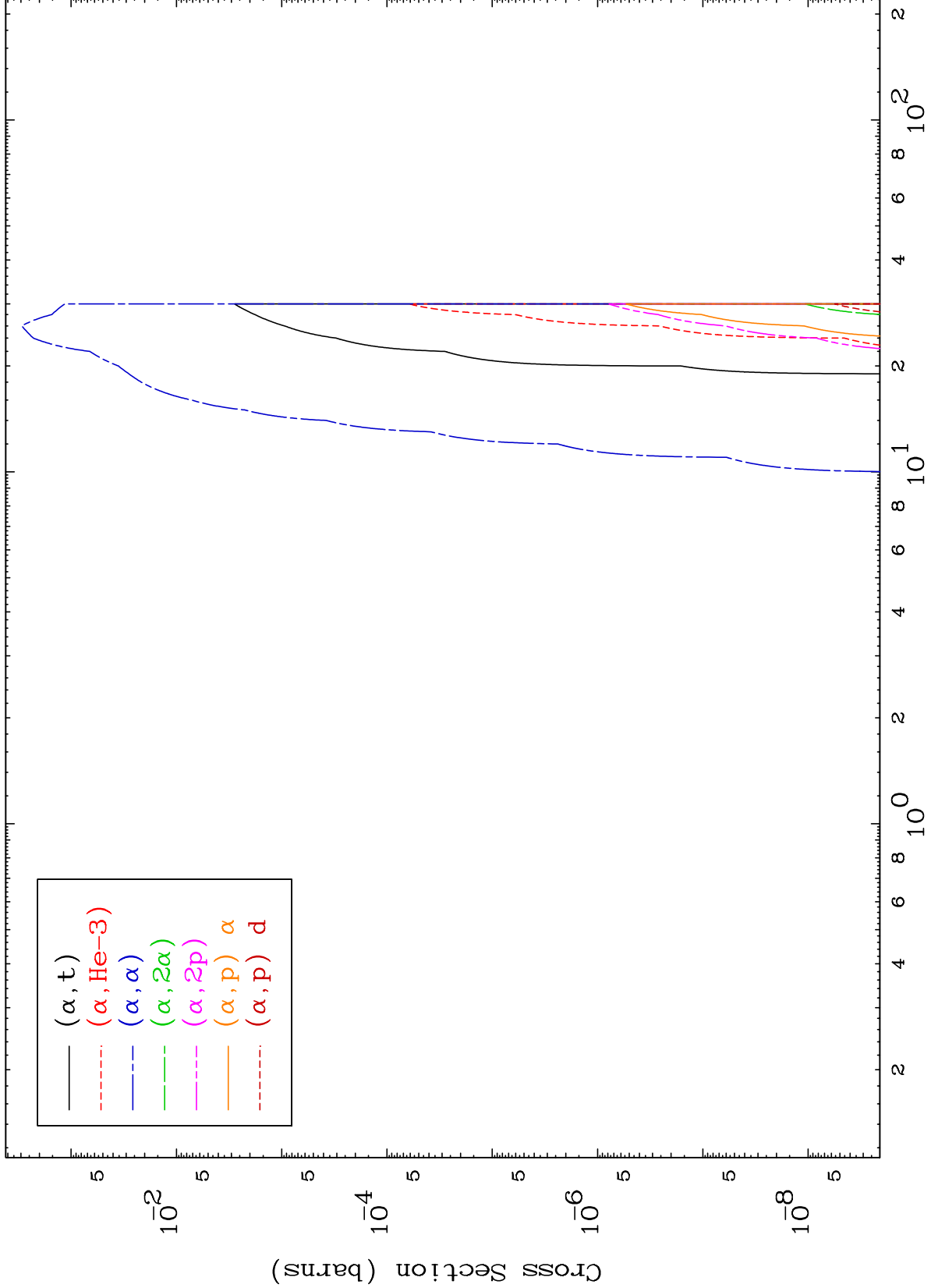


2

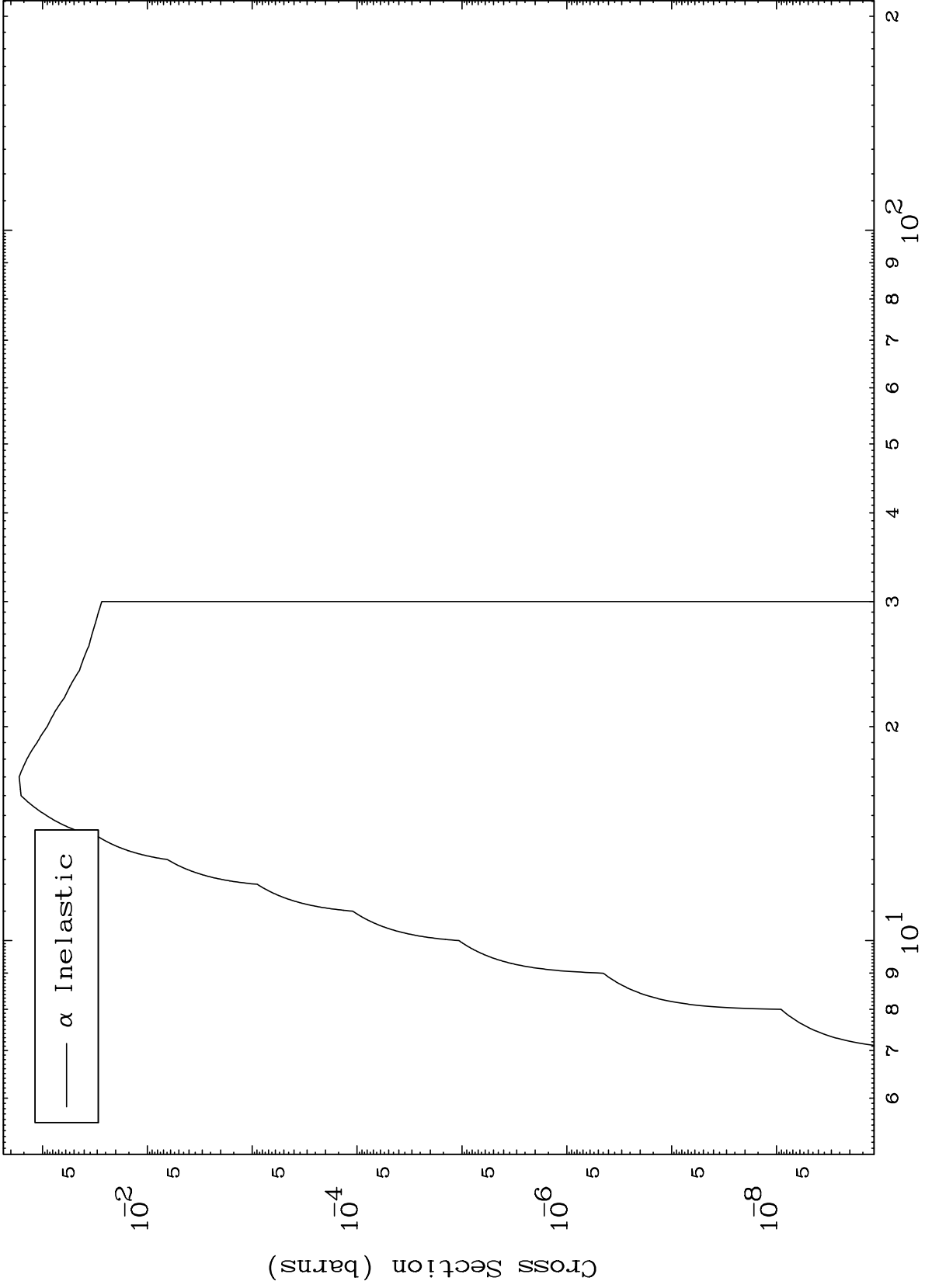
Incident Energy (MeV)

54-Xe-131





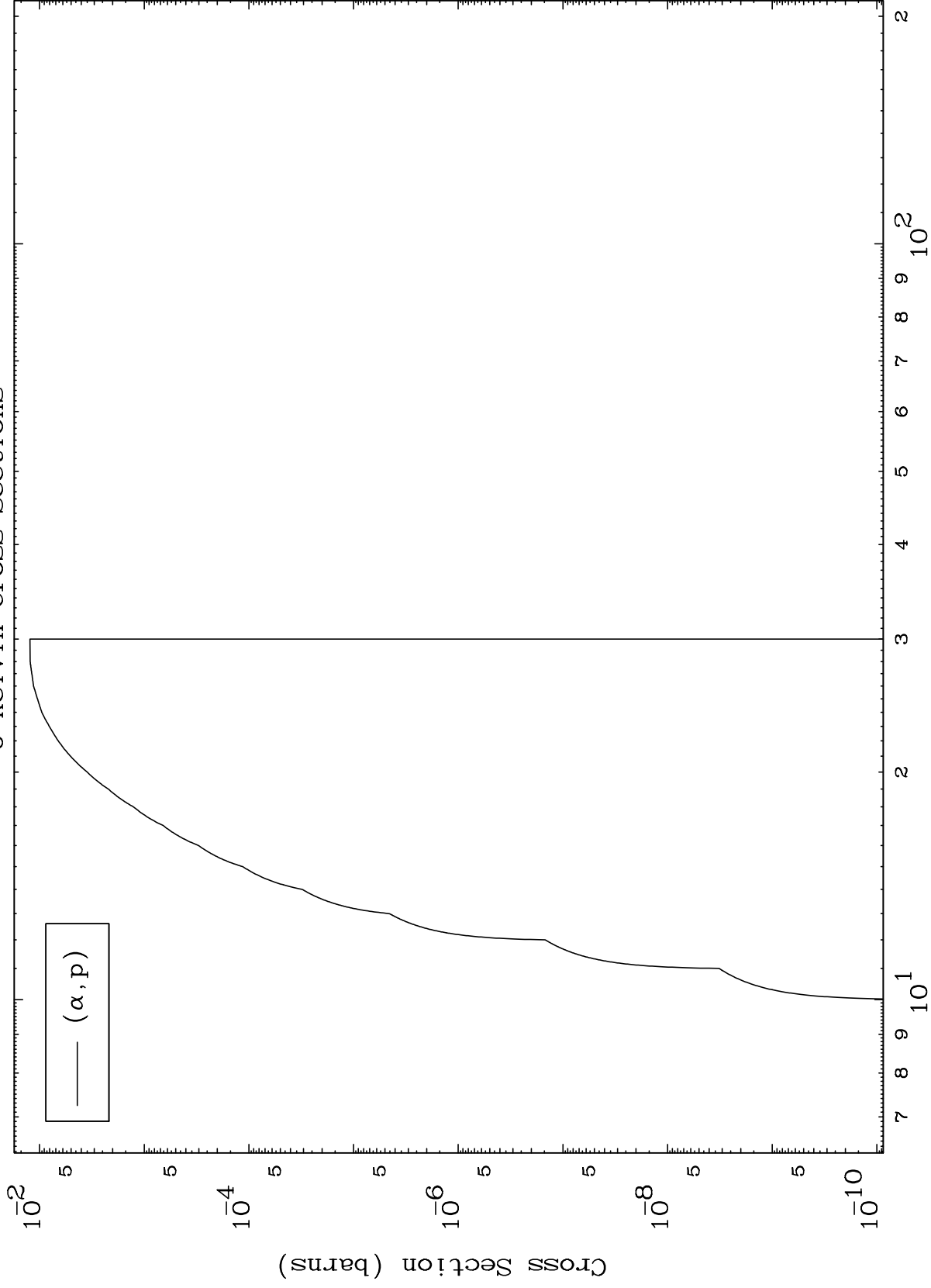
0 Kelvin Cross Sections



MAT 5446

(α, p) Levels
0 Kelvin Cross Sections

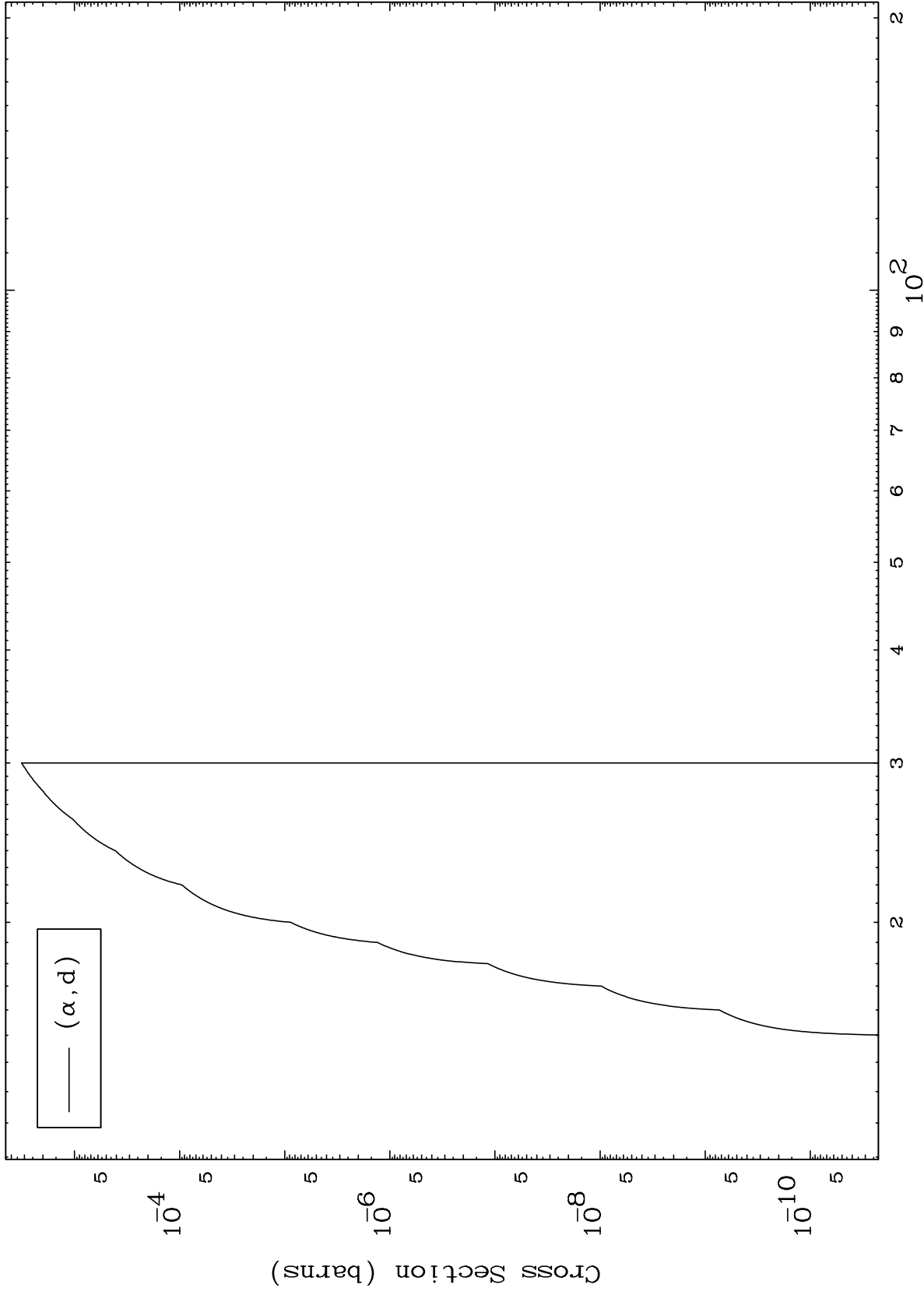
54-Xe-131

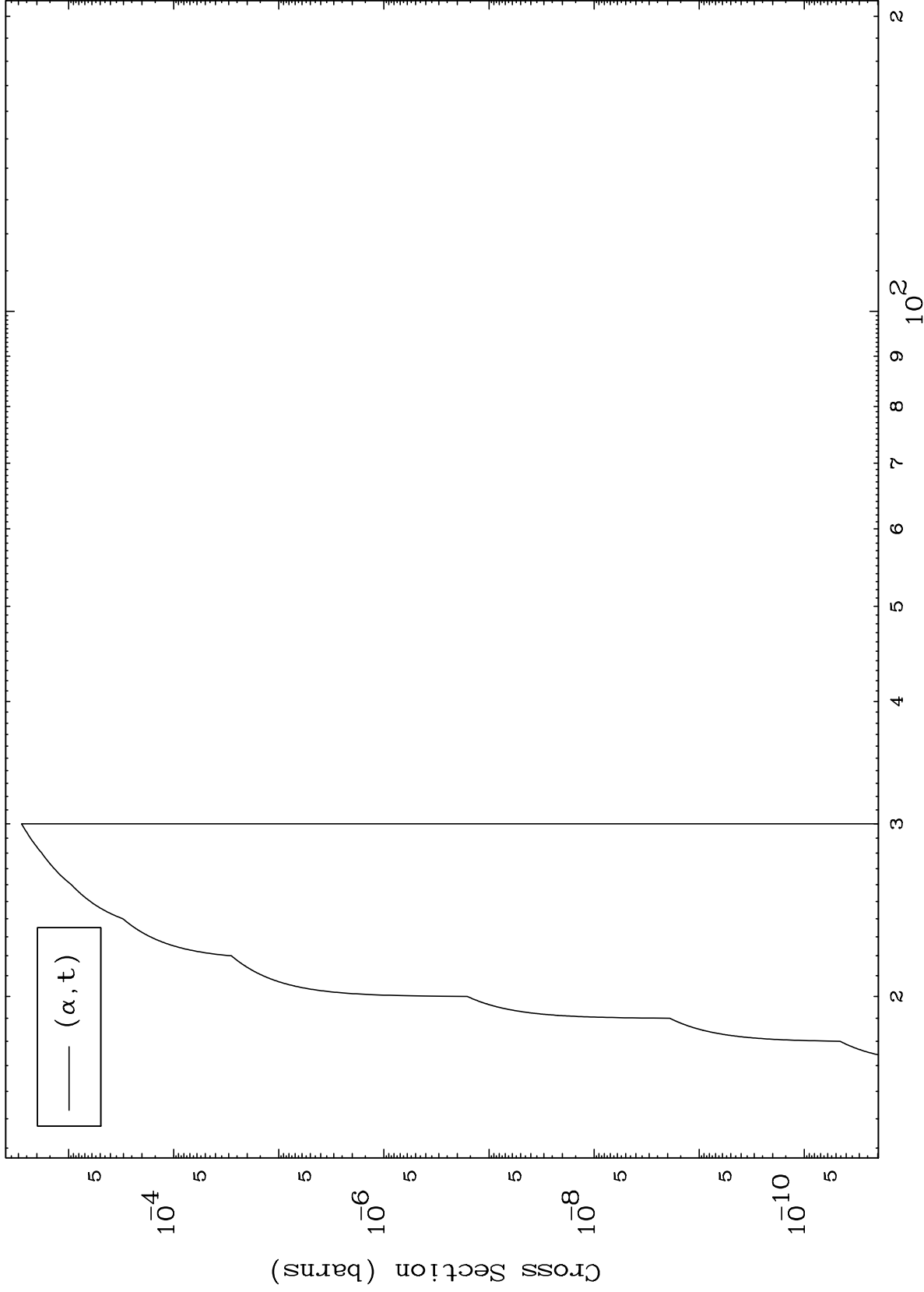


6

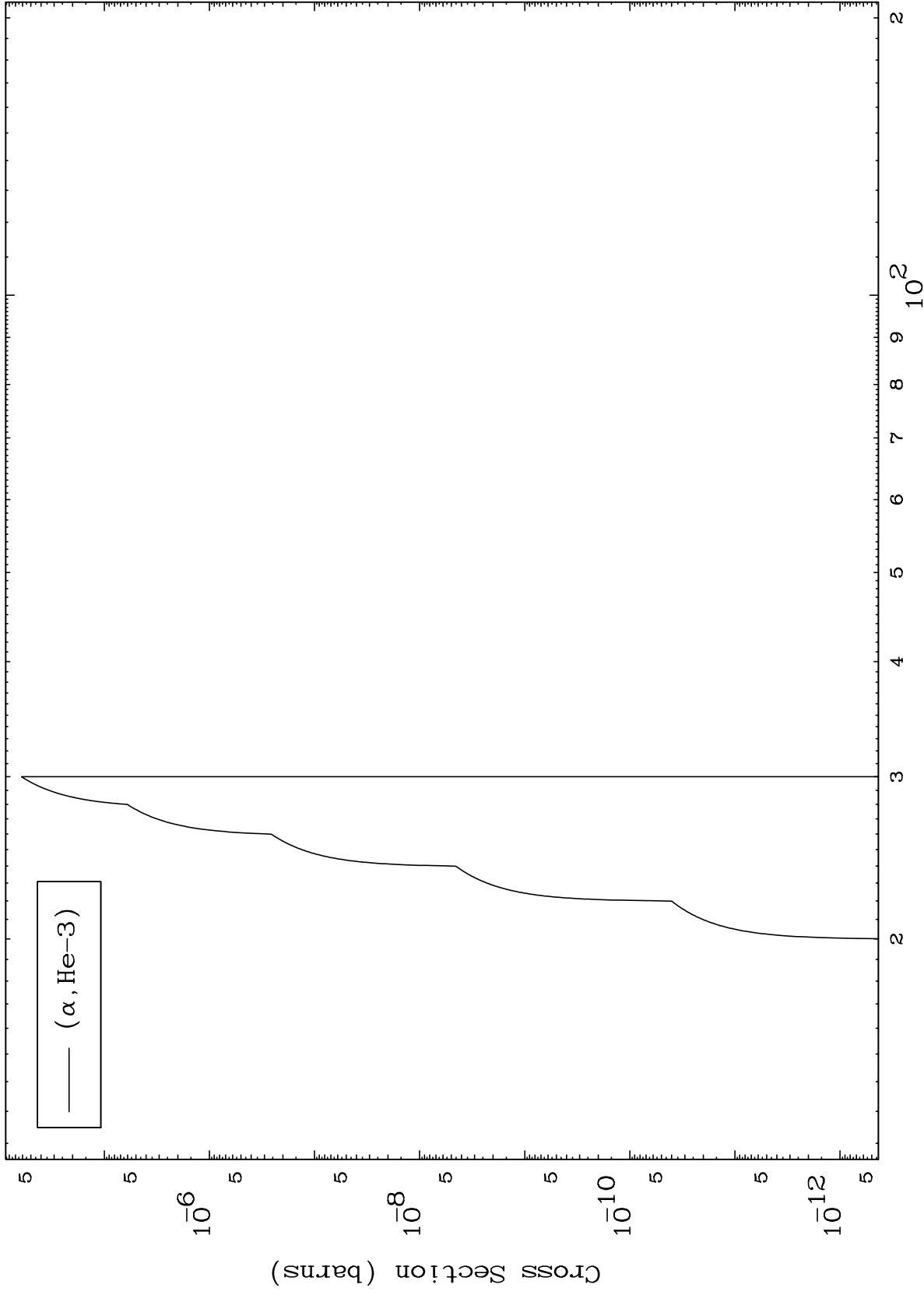
Incident Energy (MeV)

54-Xe-131





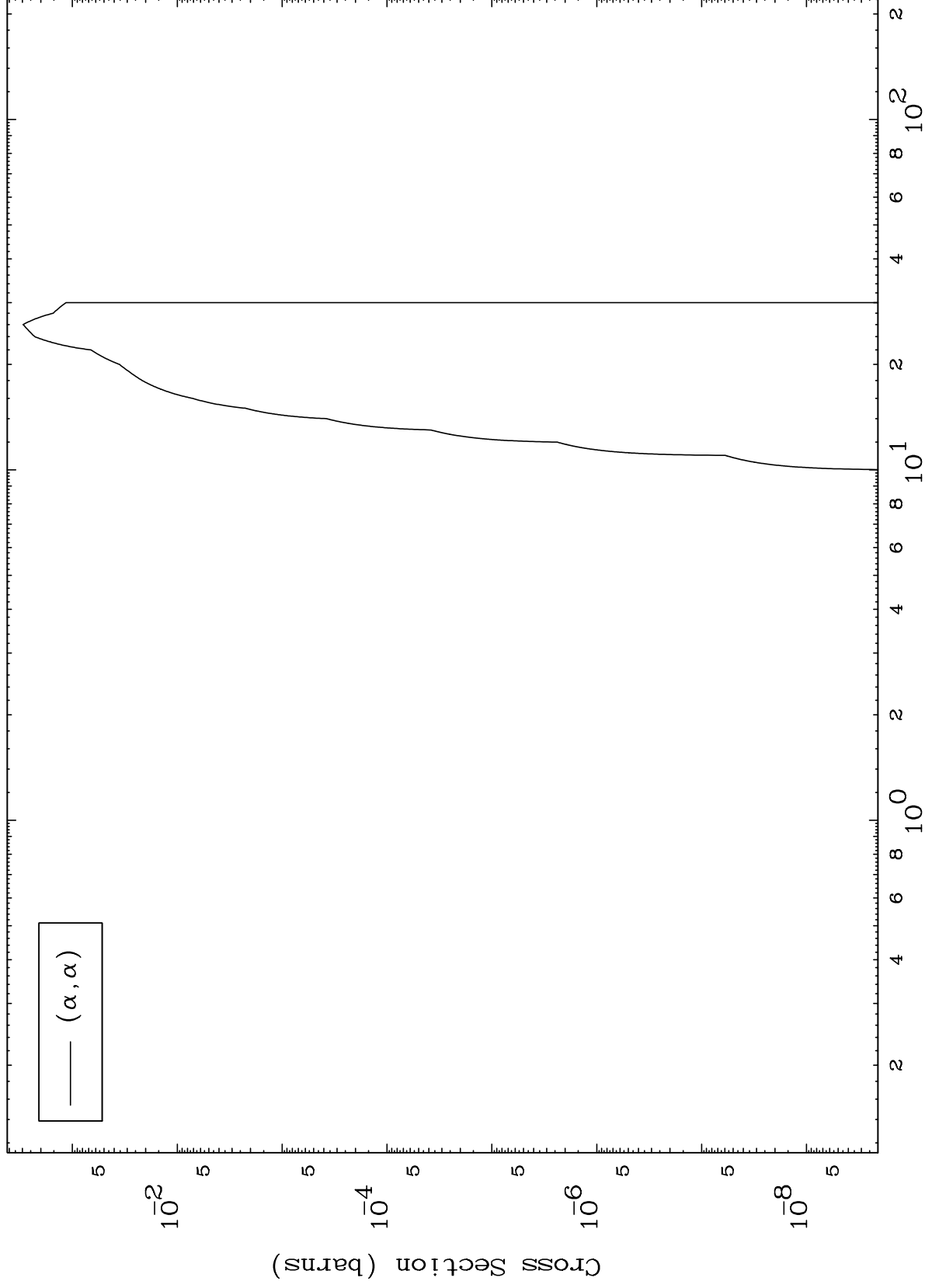
(α ,He3) Levels
0 Kelvin Cross Sections



MAT 5446

54-Xe-131

(α, α) Levels
0 Kelvin Cross Sections



10

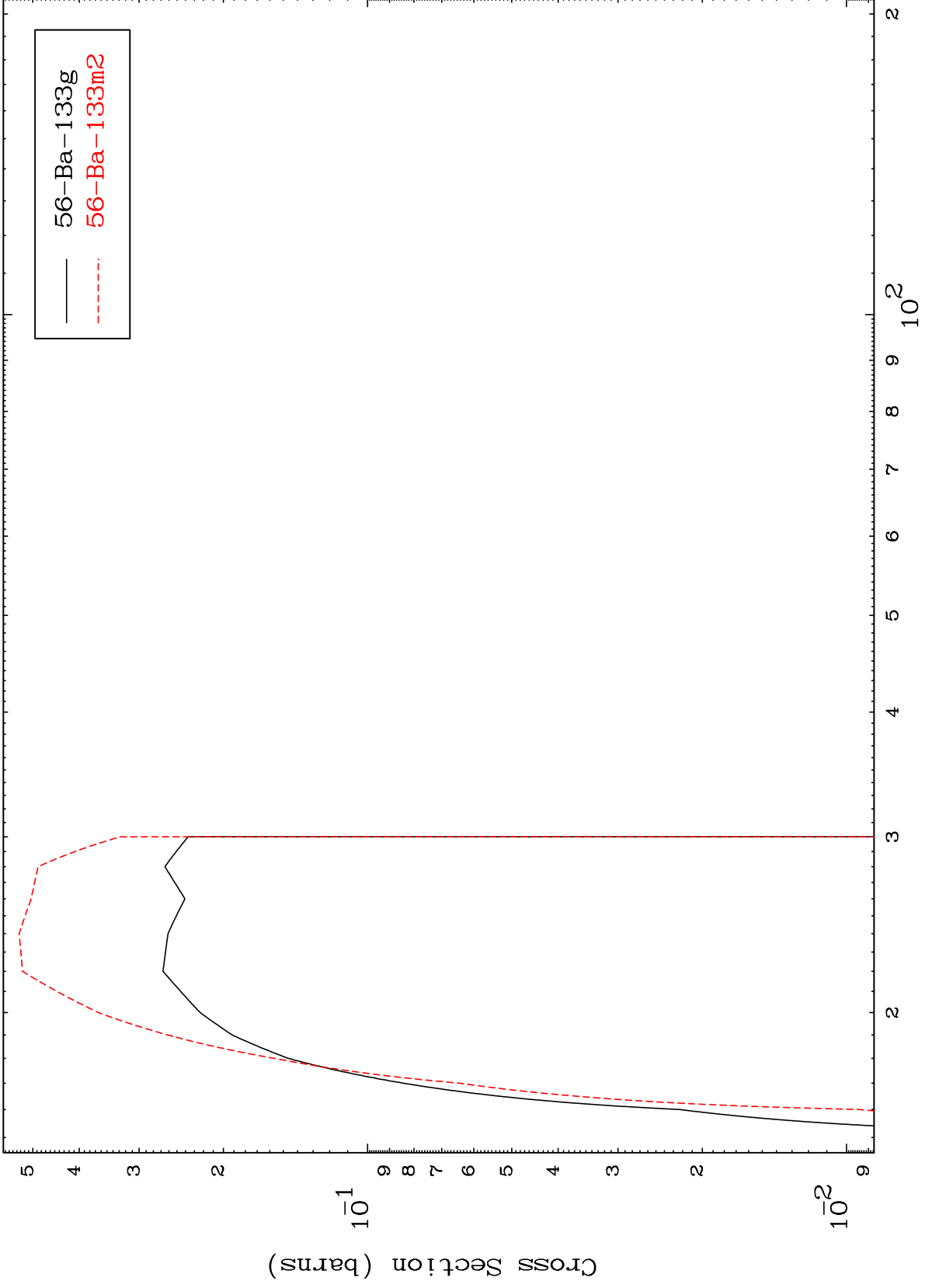
Incident Energy (MeV)

54-Xe-131

MAT 5446

54-Xe-131

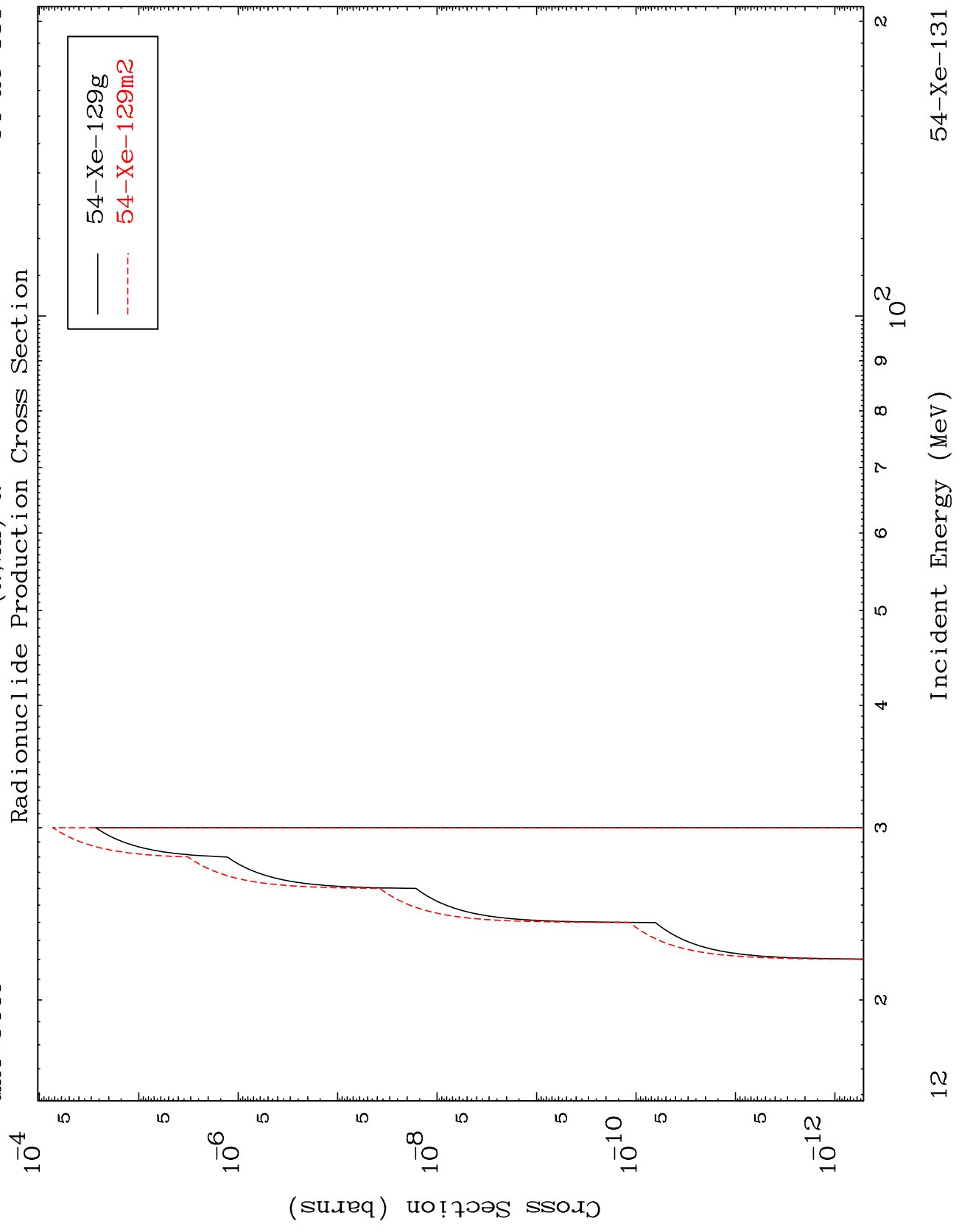
($\alpha, 2n$)
Radionuclide Production Cross Section



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$(\alpha, 2n) \alpha$

54-Xe-131



12

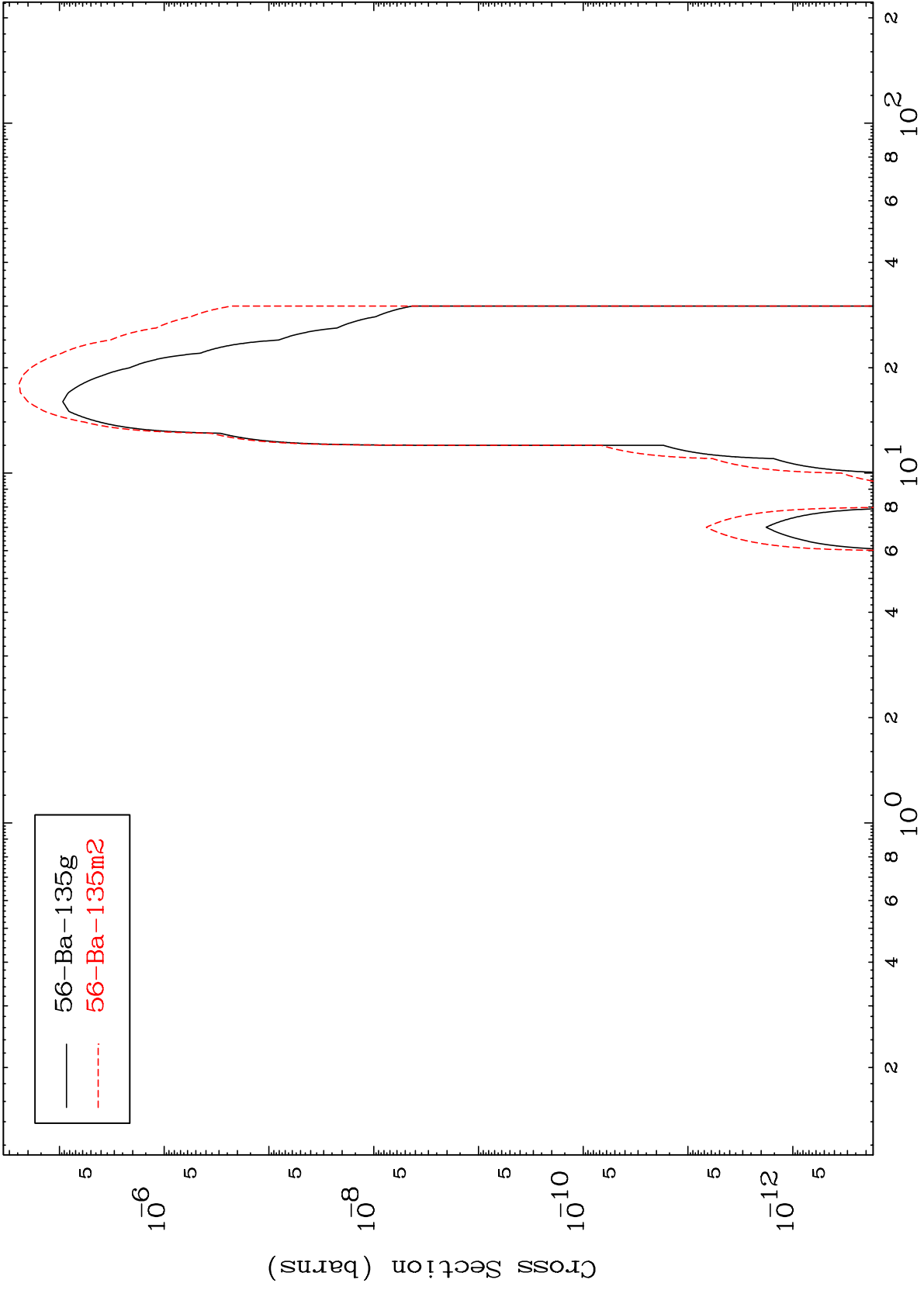
Incident Energy (MeV)

54-Xe-131

MAT 5446

54-Xe-131

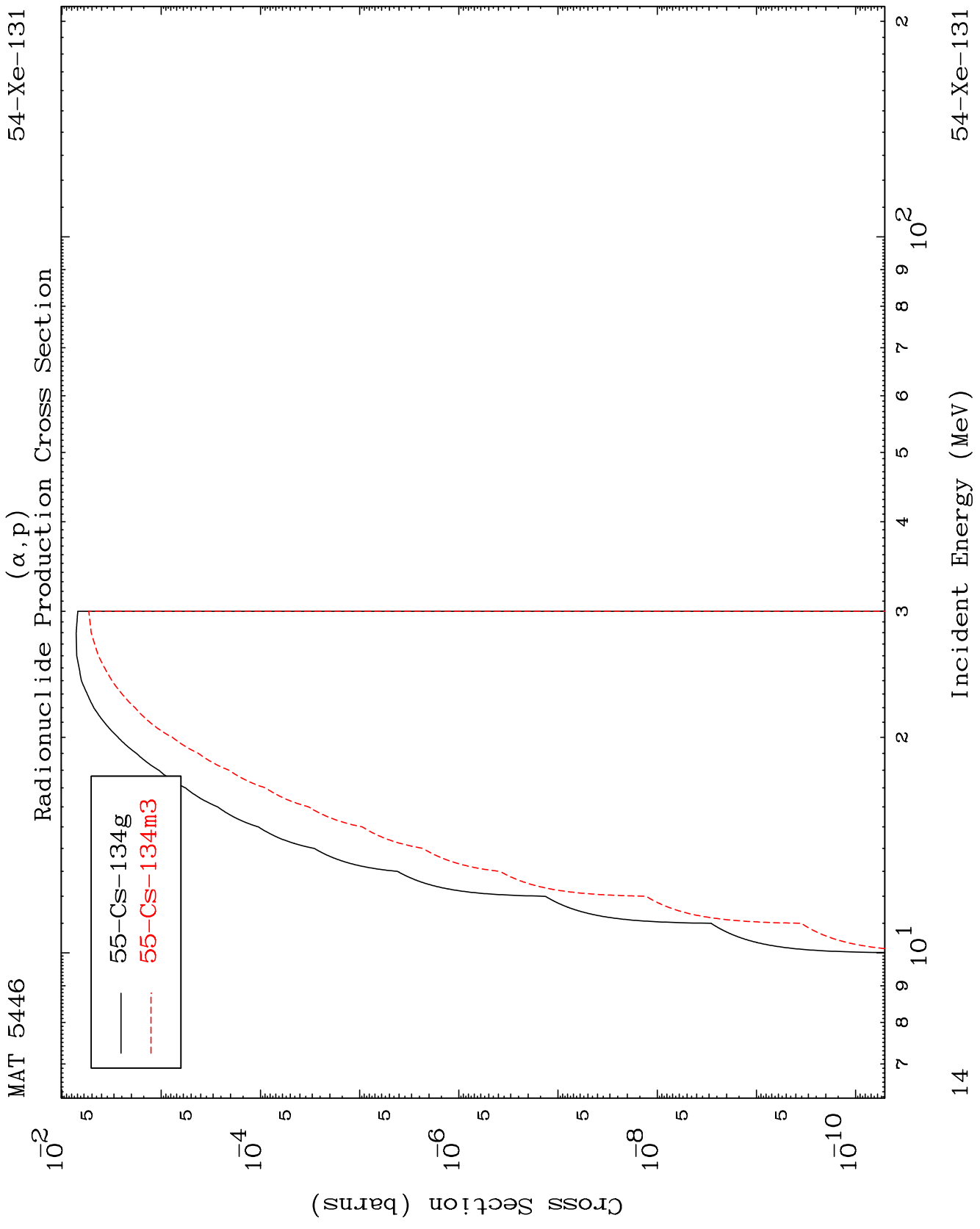
(α, γ)
Radionuclide Production Cross Section



13

54-Xe-131

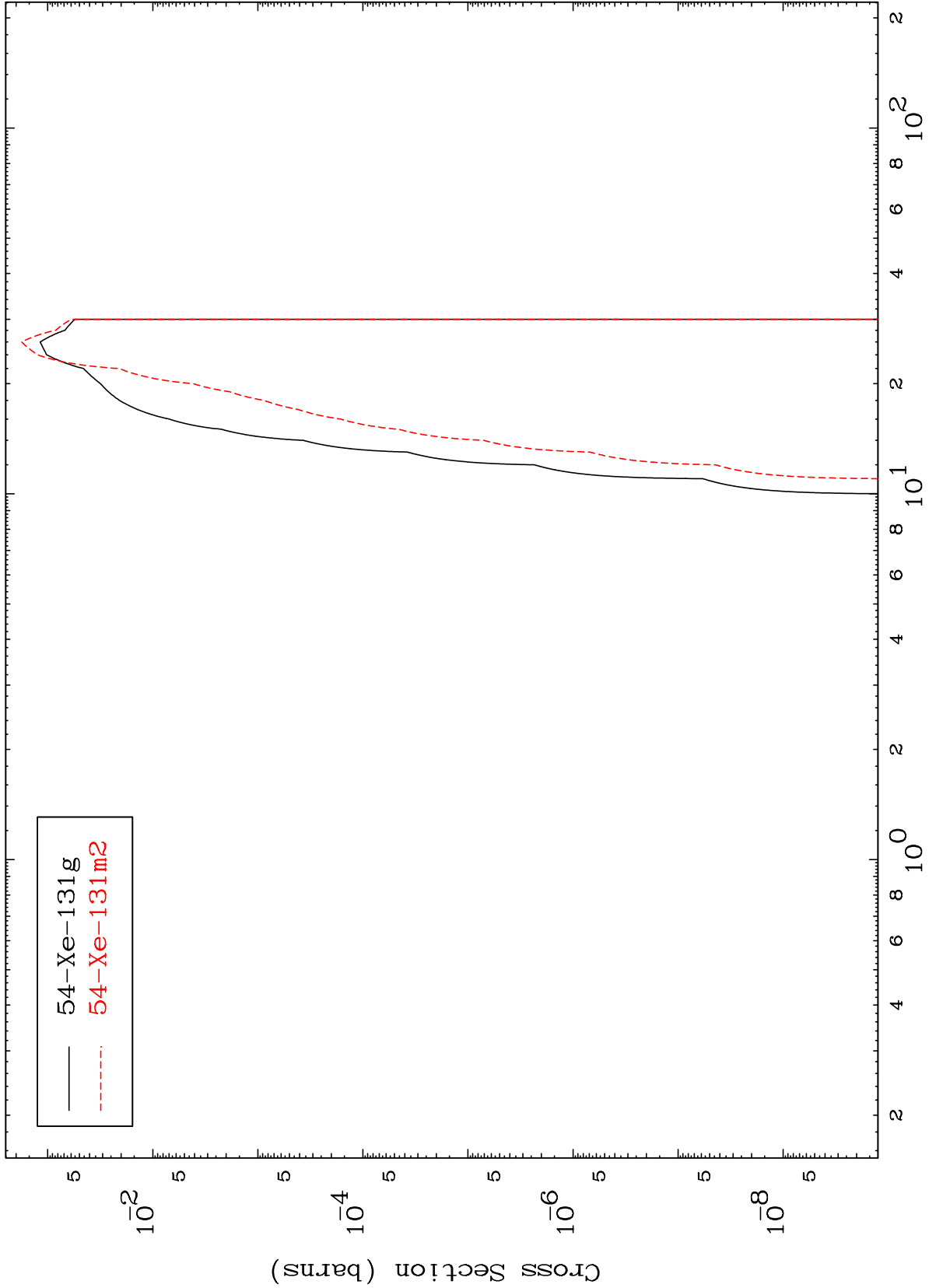
Incident Energy (MeV)



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54-Xe-131

(α, α)
Radionuclide Production Cross Section



15

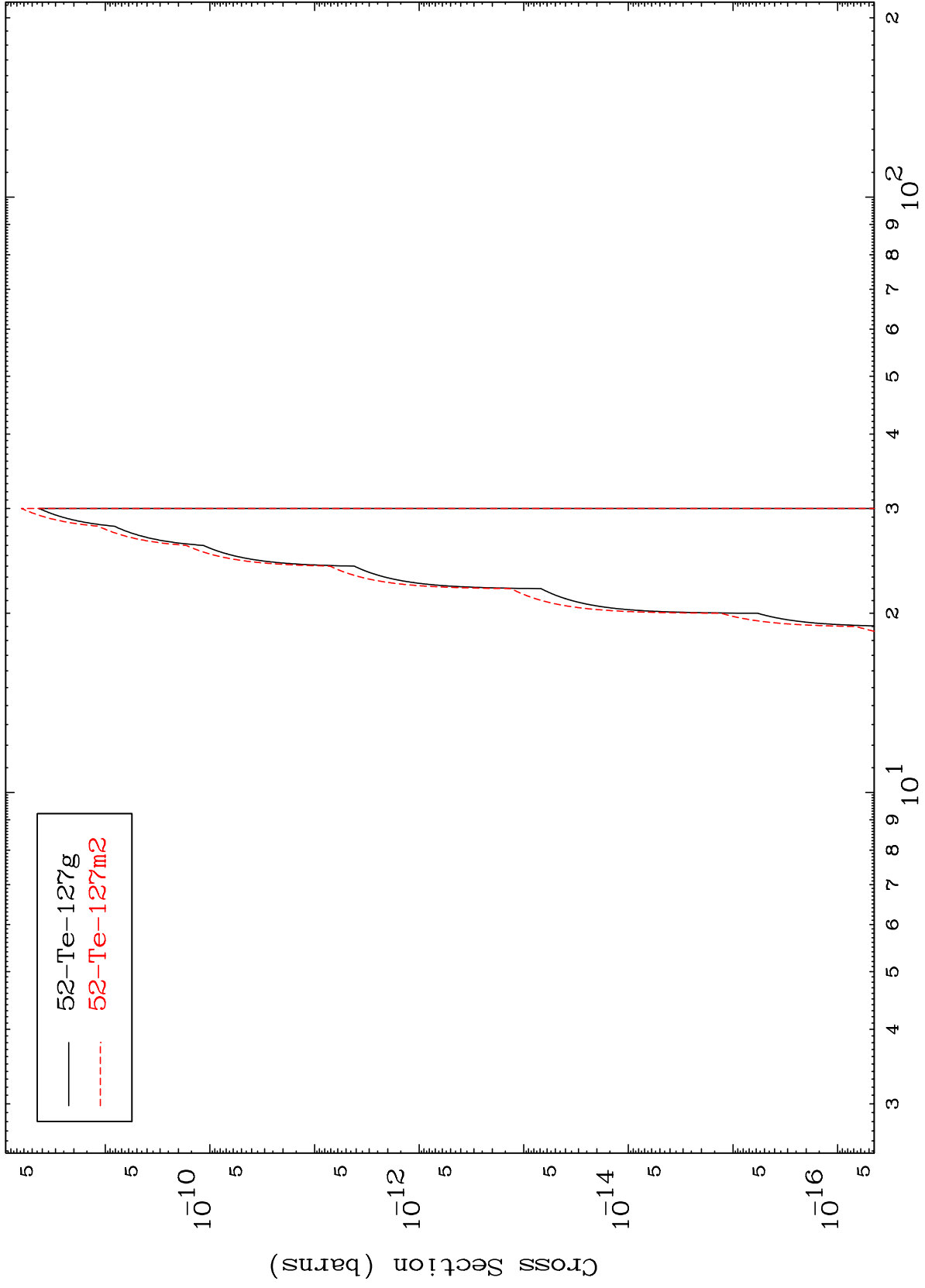
54-Xe-131

Incident Energy (MeV)

MAT 5446

54-Xe-131

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



16

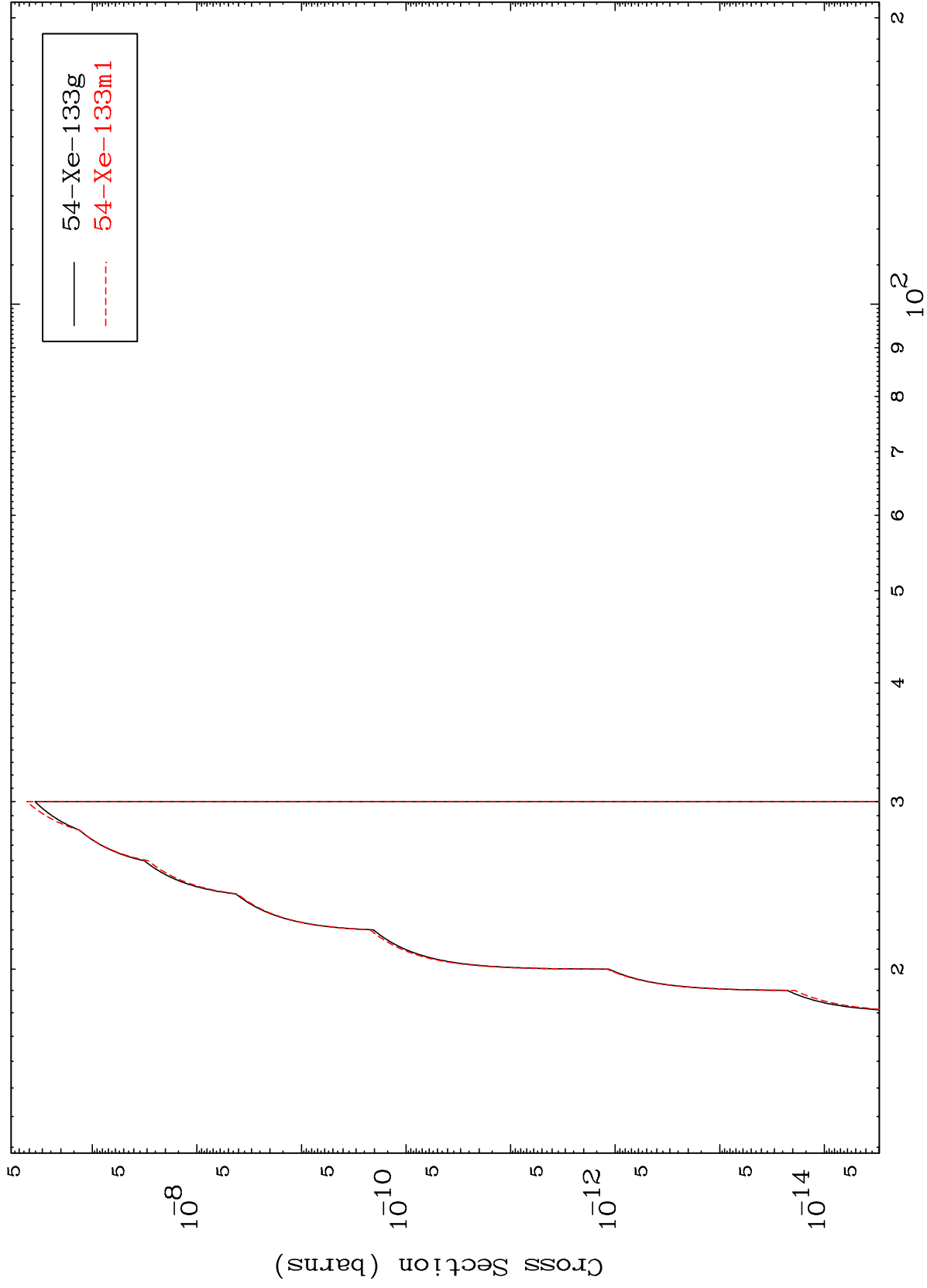
Incident Energy (MeV)

54-Xe-131

MAT 5446

54-Xe-131

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



17

Incident Energy (MeV)

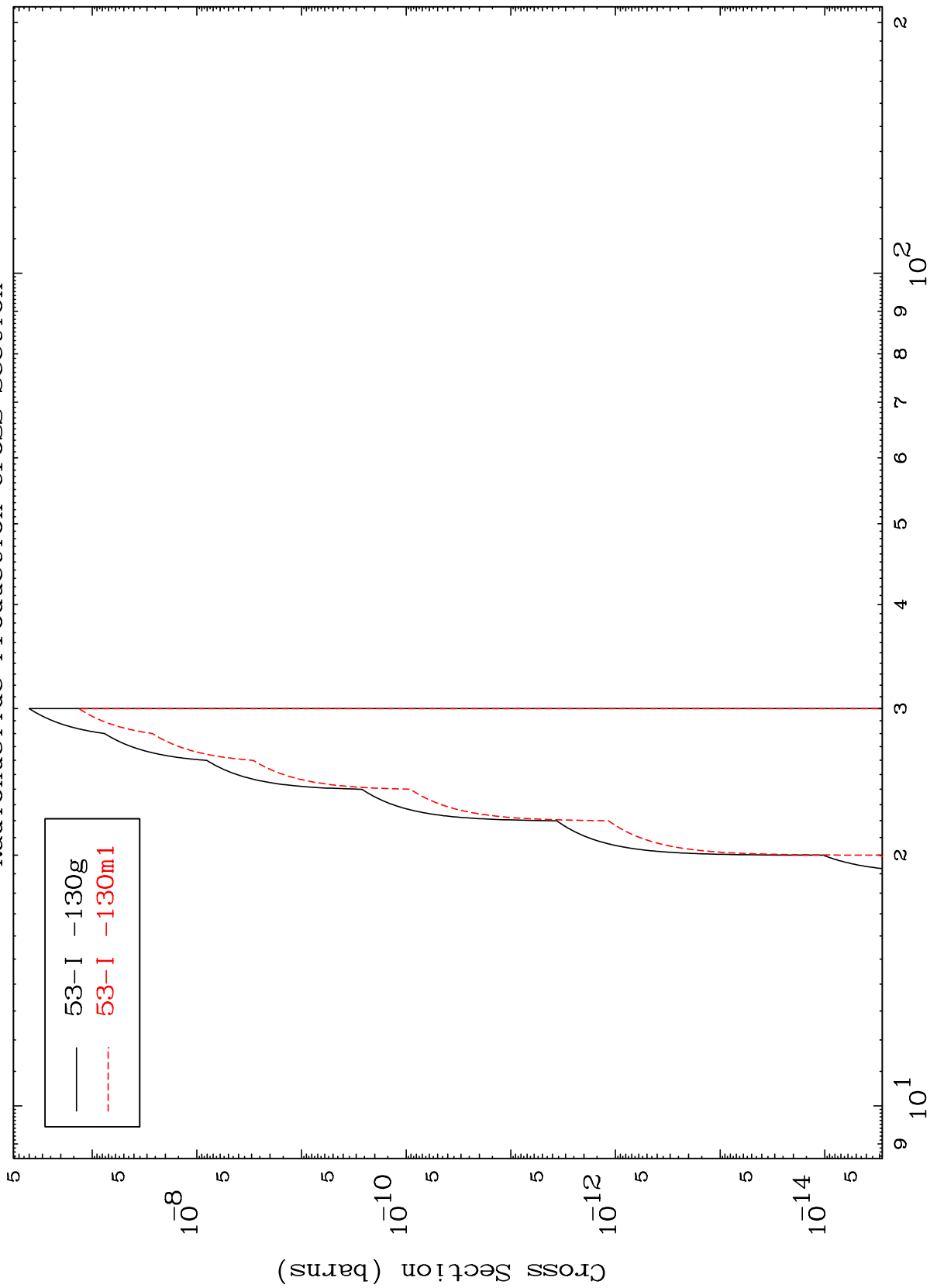
54-Xe-131

MAT 5446

(α, p) α

54-Xe-131

Radionuclide Production Cross Section



18

Incident Energy (MeV)

54-Xe-131