

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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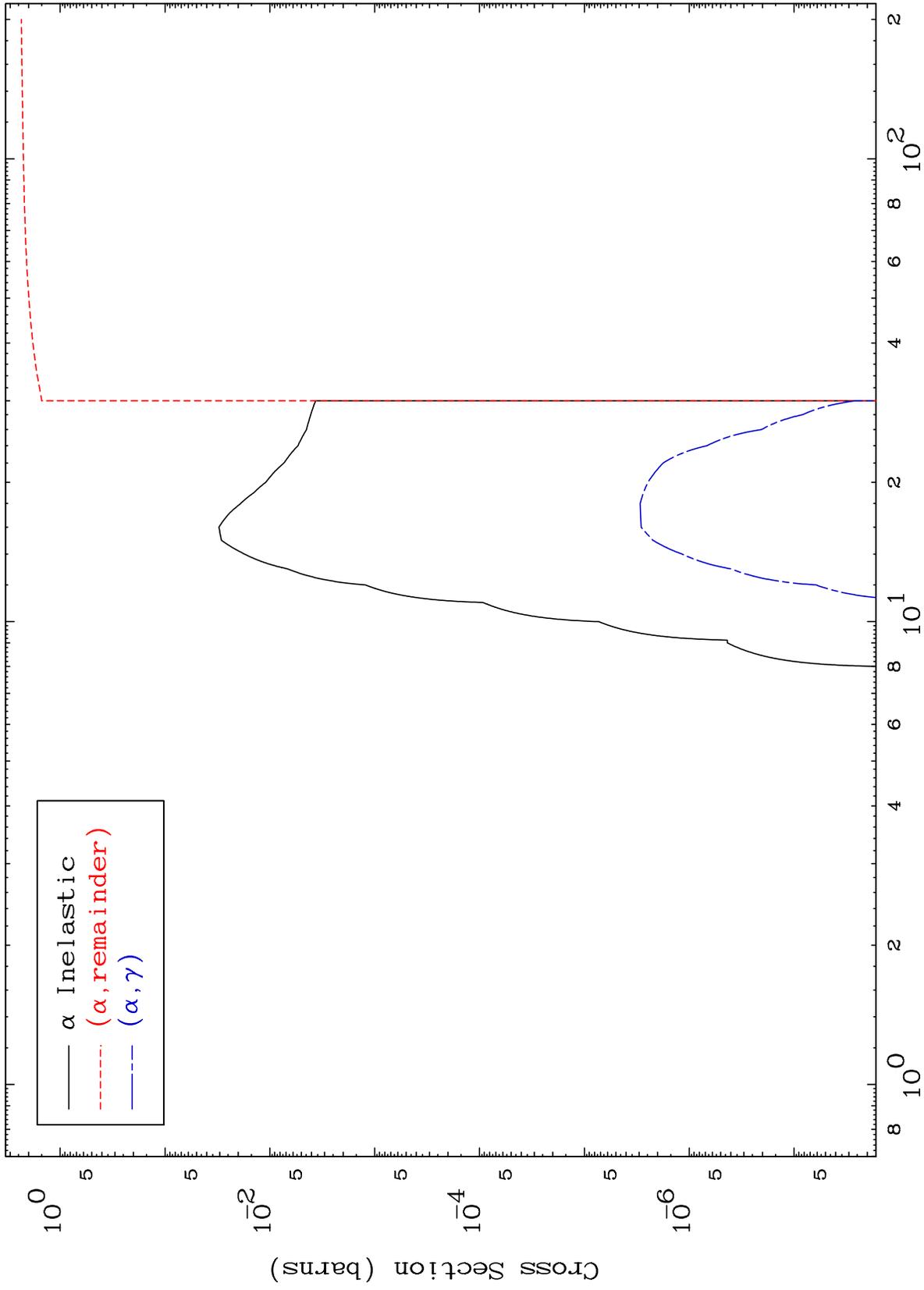
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5461

0 Kelvin α Major

54-Xe-136



1

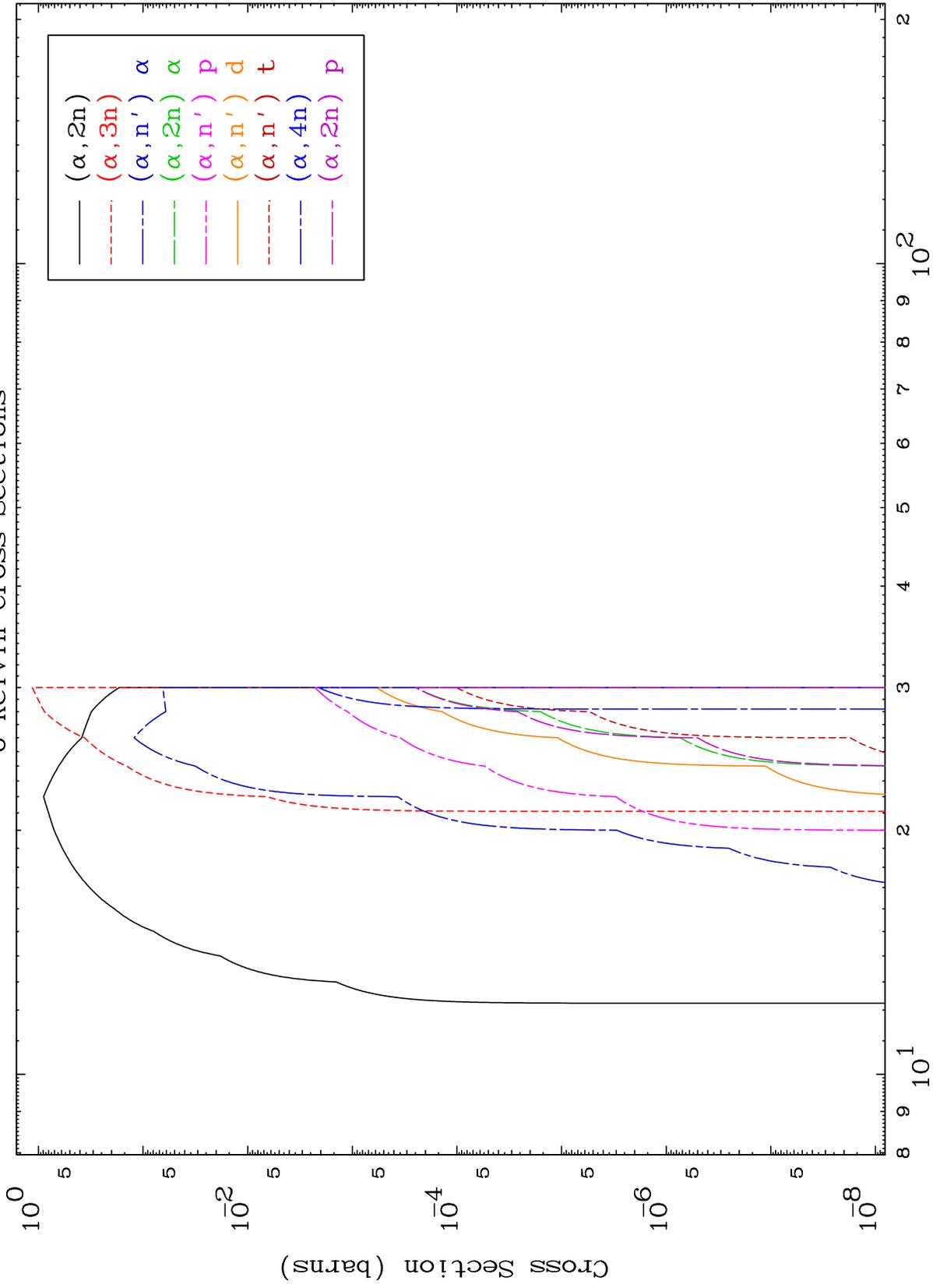
Incident Energy (MeV)

54-Xe-136

MAT 5461

α Neutron Production
0 Kelvin Cross Sections

54-Xe-136



2

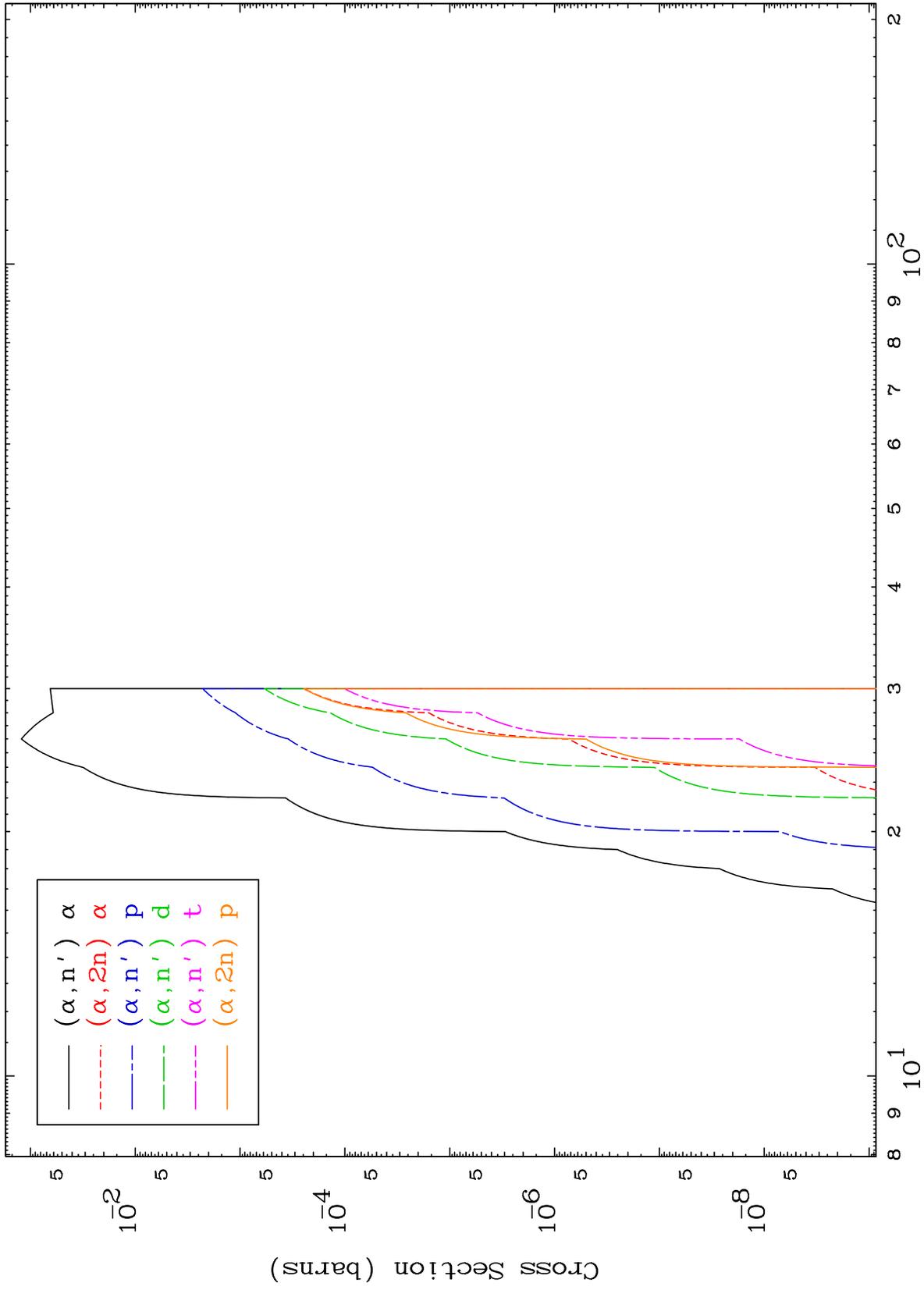
Incident Energy (MeV)

54-Xe-136

MAT 5461

α Charged Particle
0 Kelvin Cross Sections

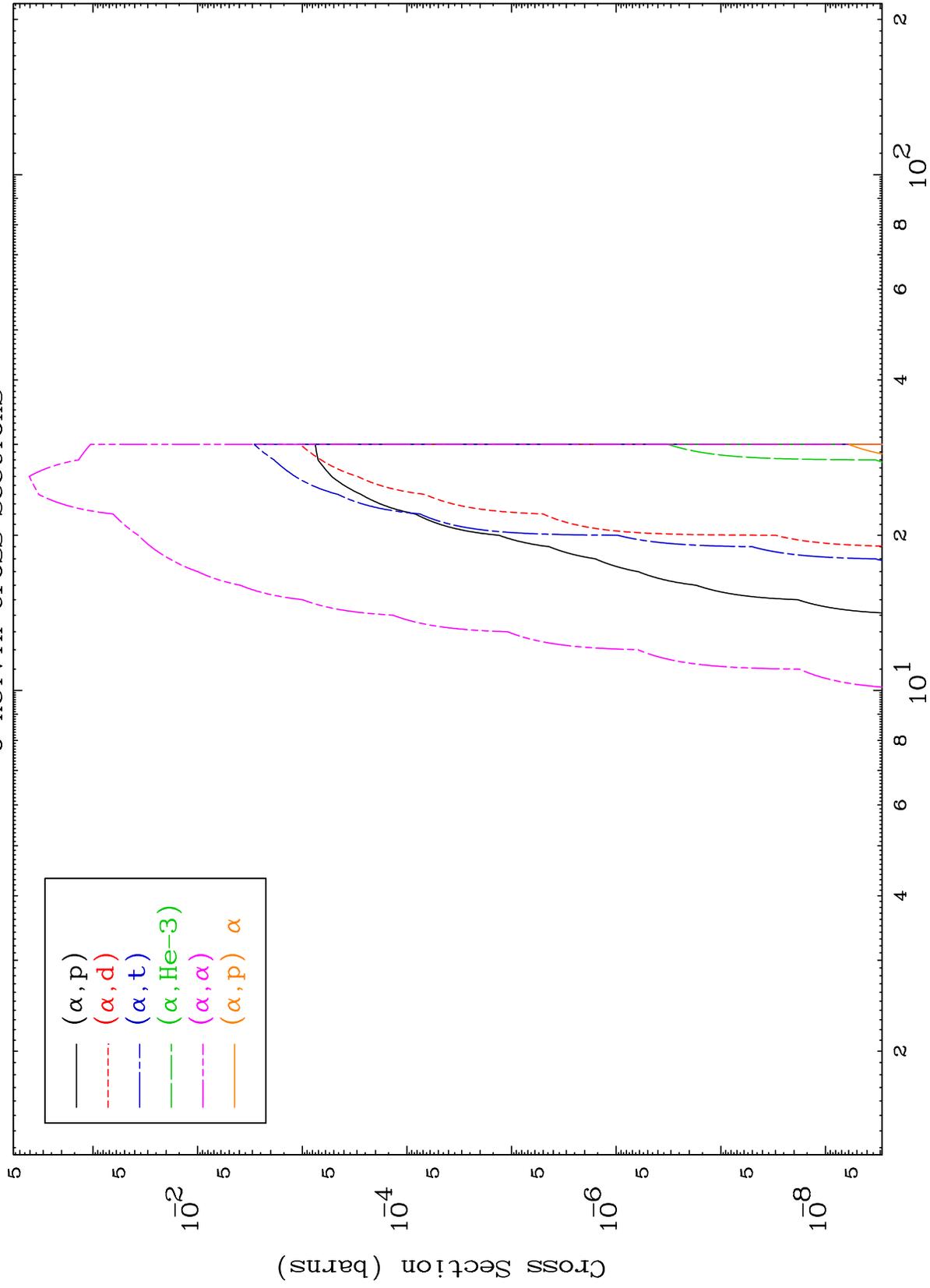
54-Xe-136



3

Incident Energy (MeV)

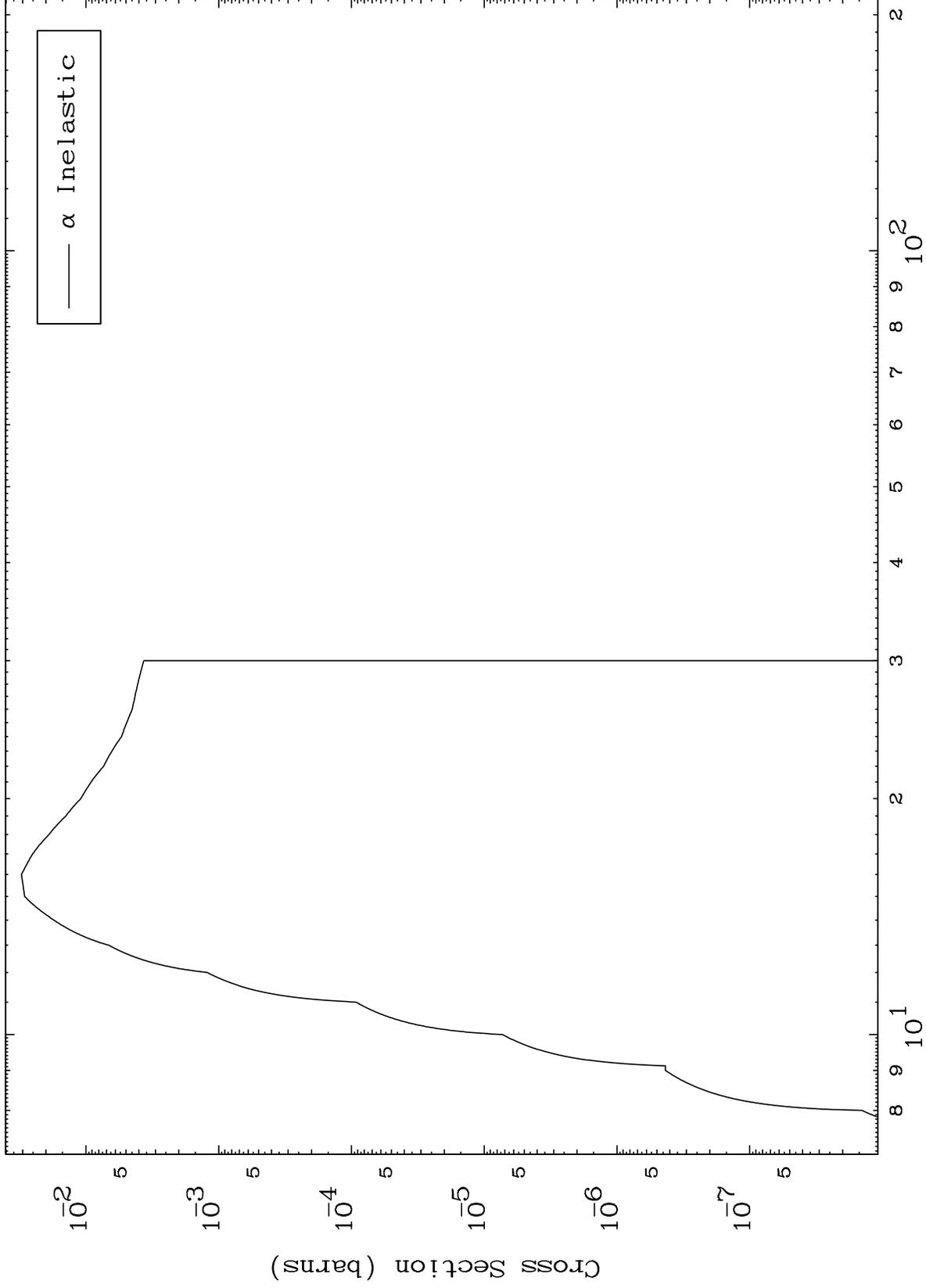
54-Xe-136



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(α, n') Level
0 Kelvin Cross Sections

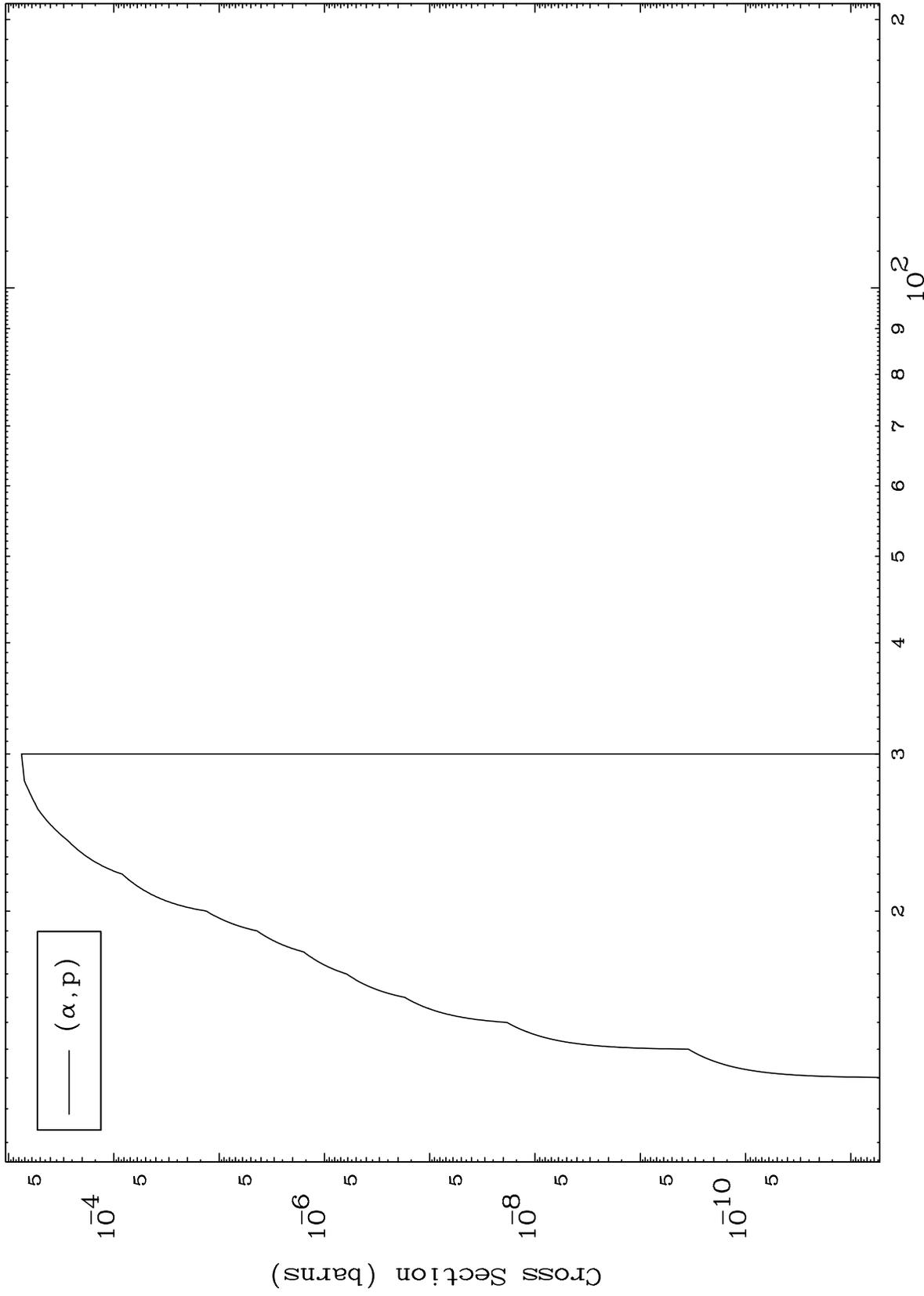
54-Xe-136



5

Incident Energy (MeV)

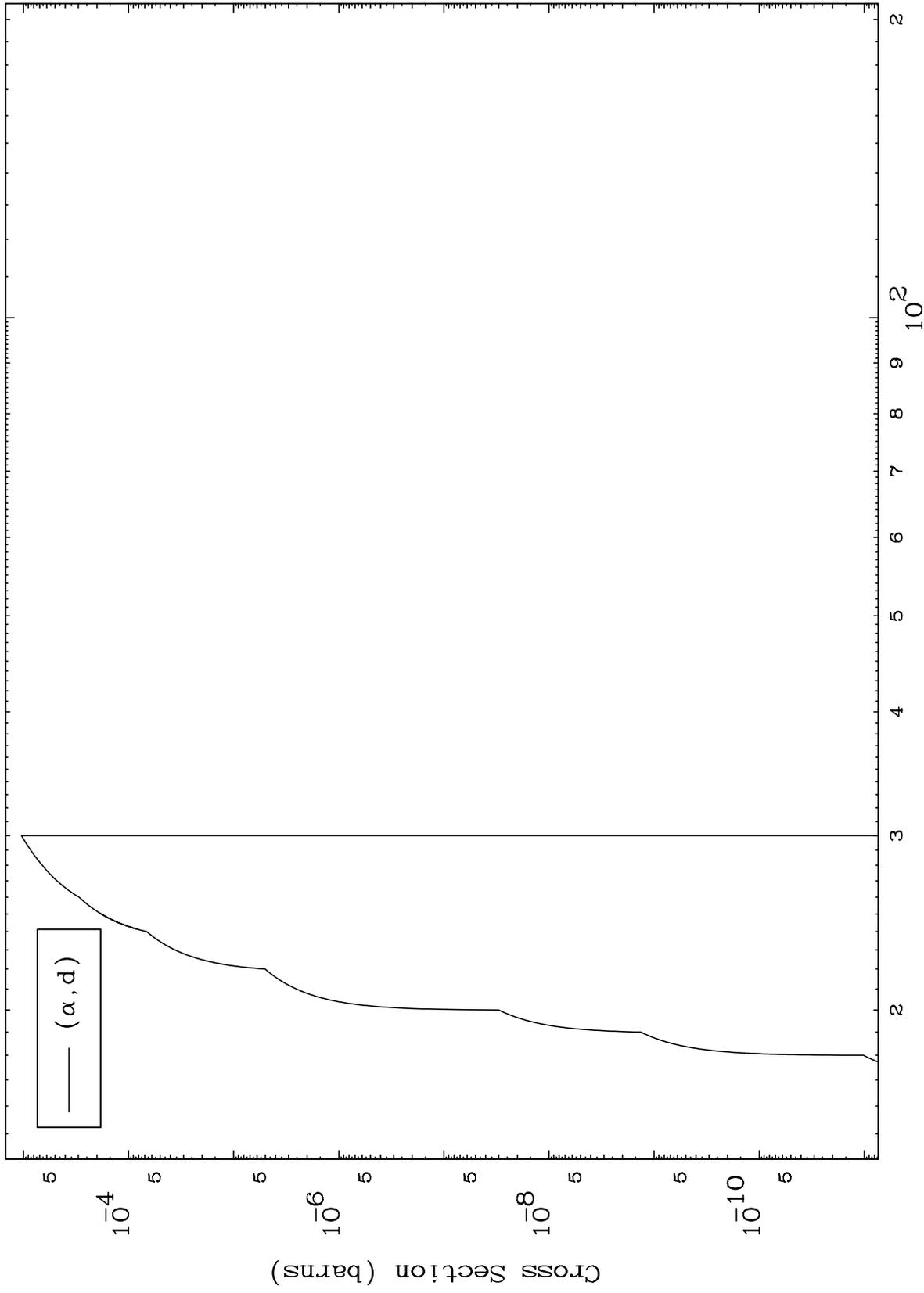
54-Xe-136



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(α, d) Levels
0 Kelvin Cross Sections

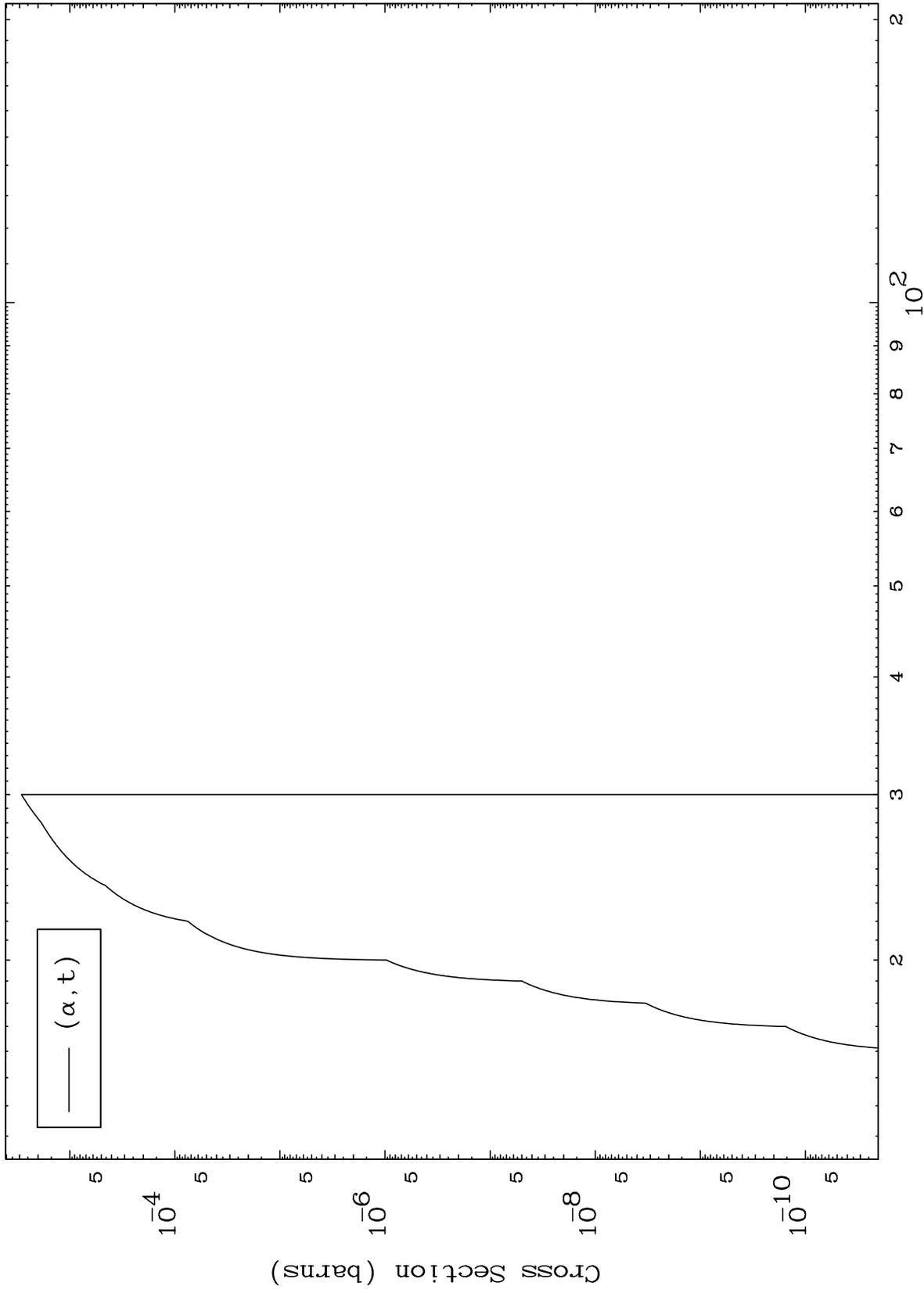
54-Xe-136

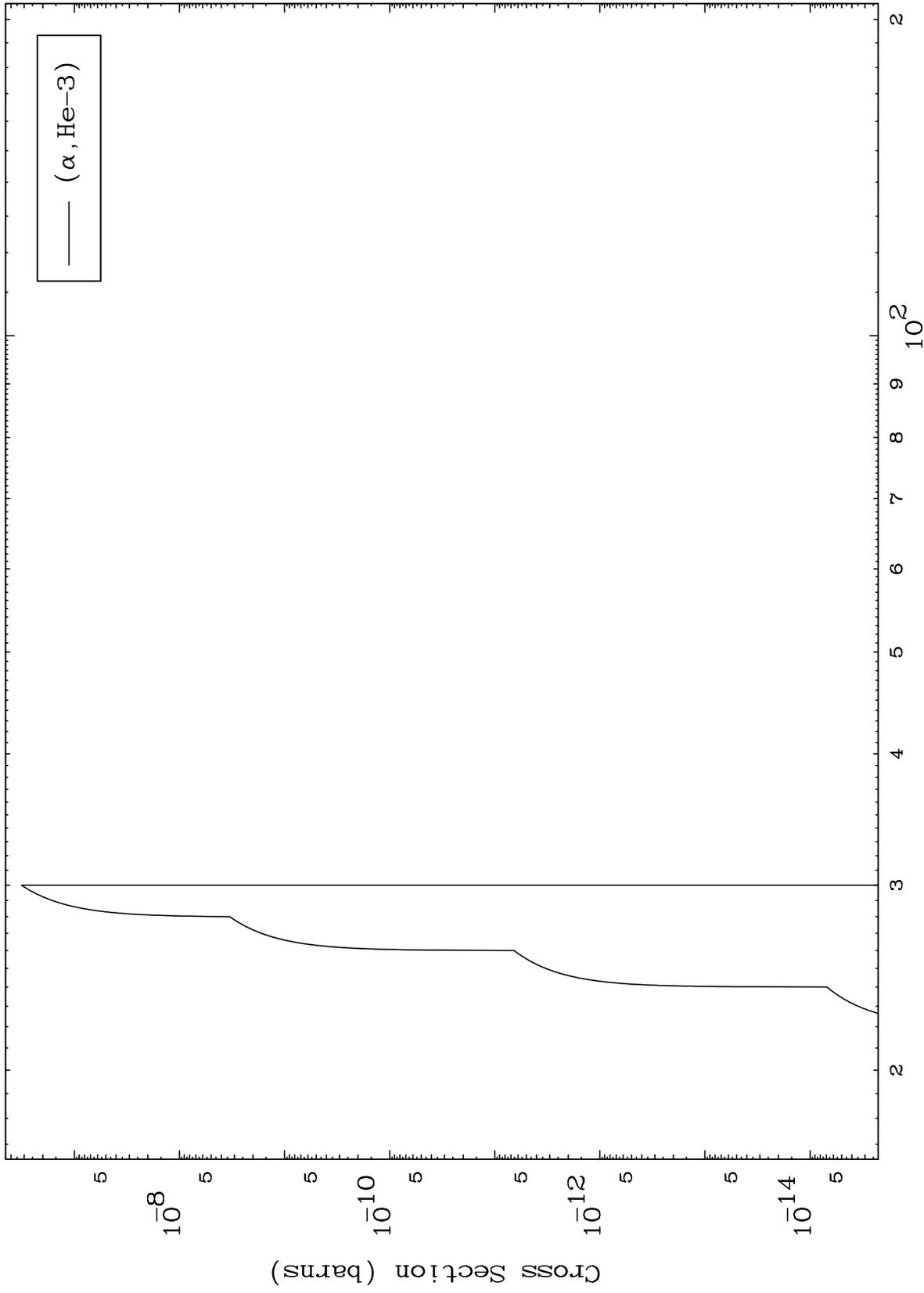


7

Incident Energy (MeV)

54-Xe-136

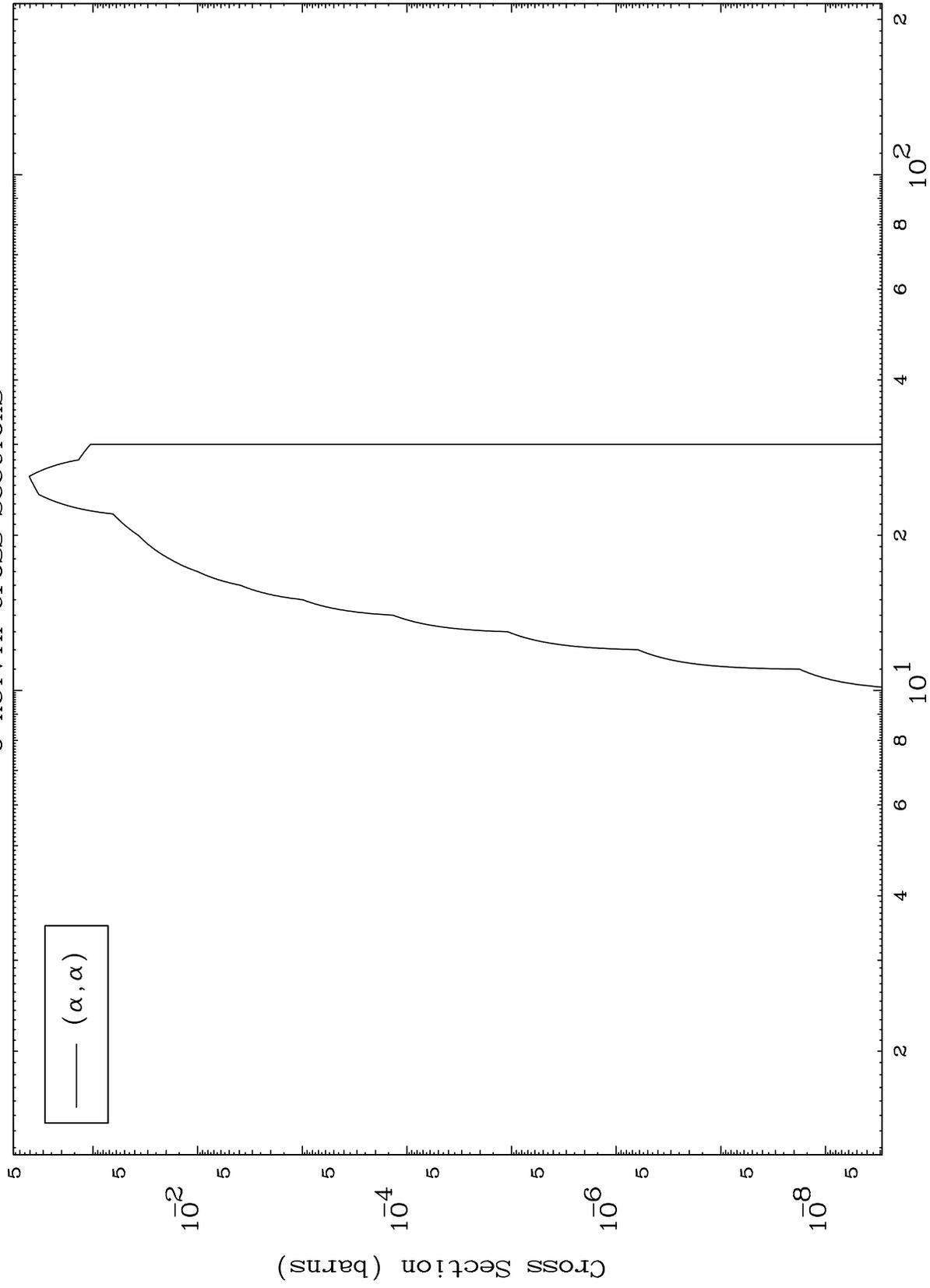




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(α, α) Levels
0 Kelvin Cross Sections

54-Xe-136



10

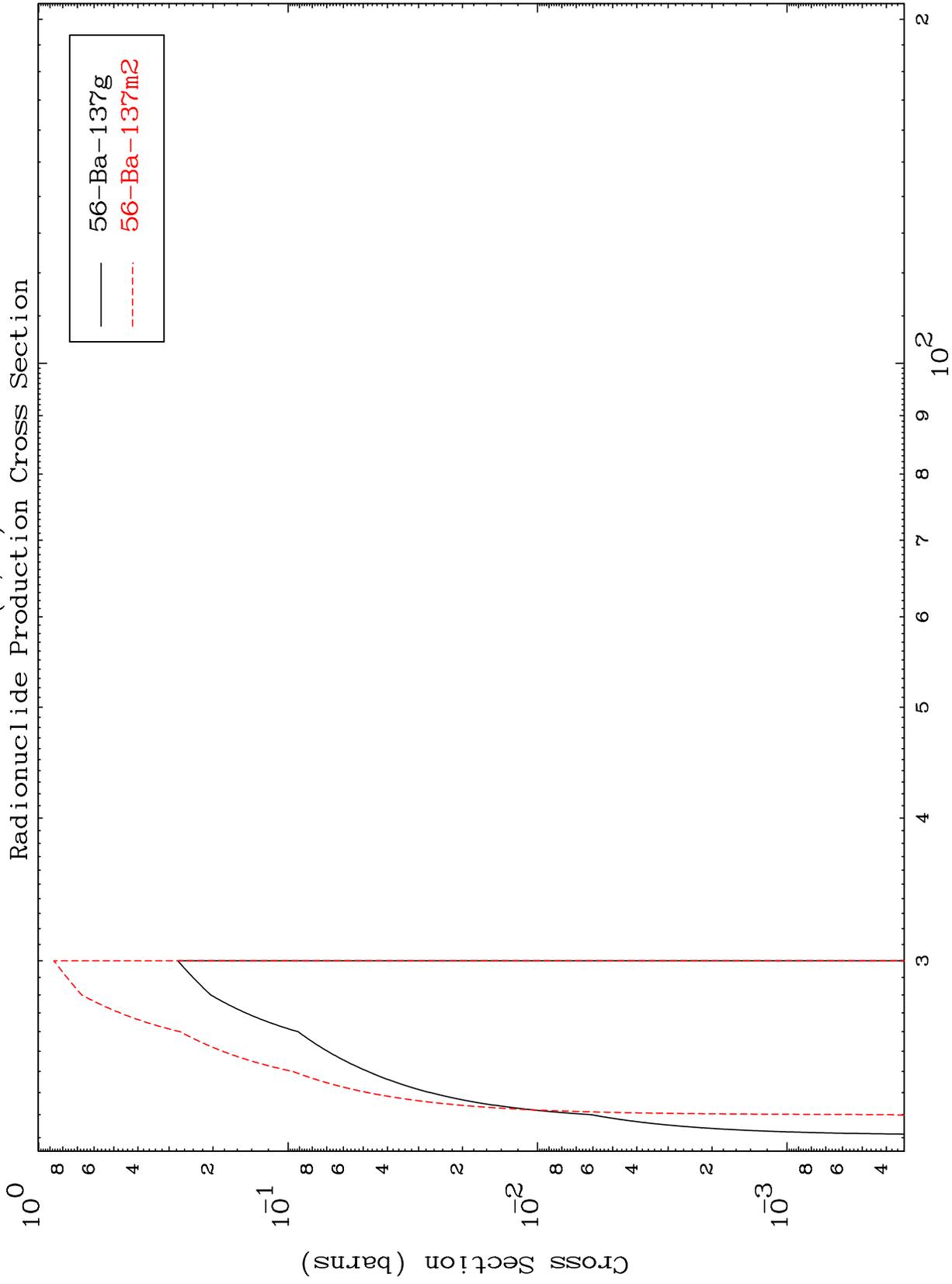
Incident Energy (MeV)

54-Xe-136

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54-Xe-136

($\alpha, 3n$)
Radionuclide Production Cross Section



11

Incident Energy (MeV)

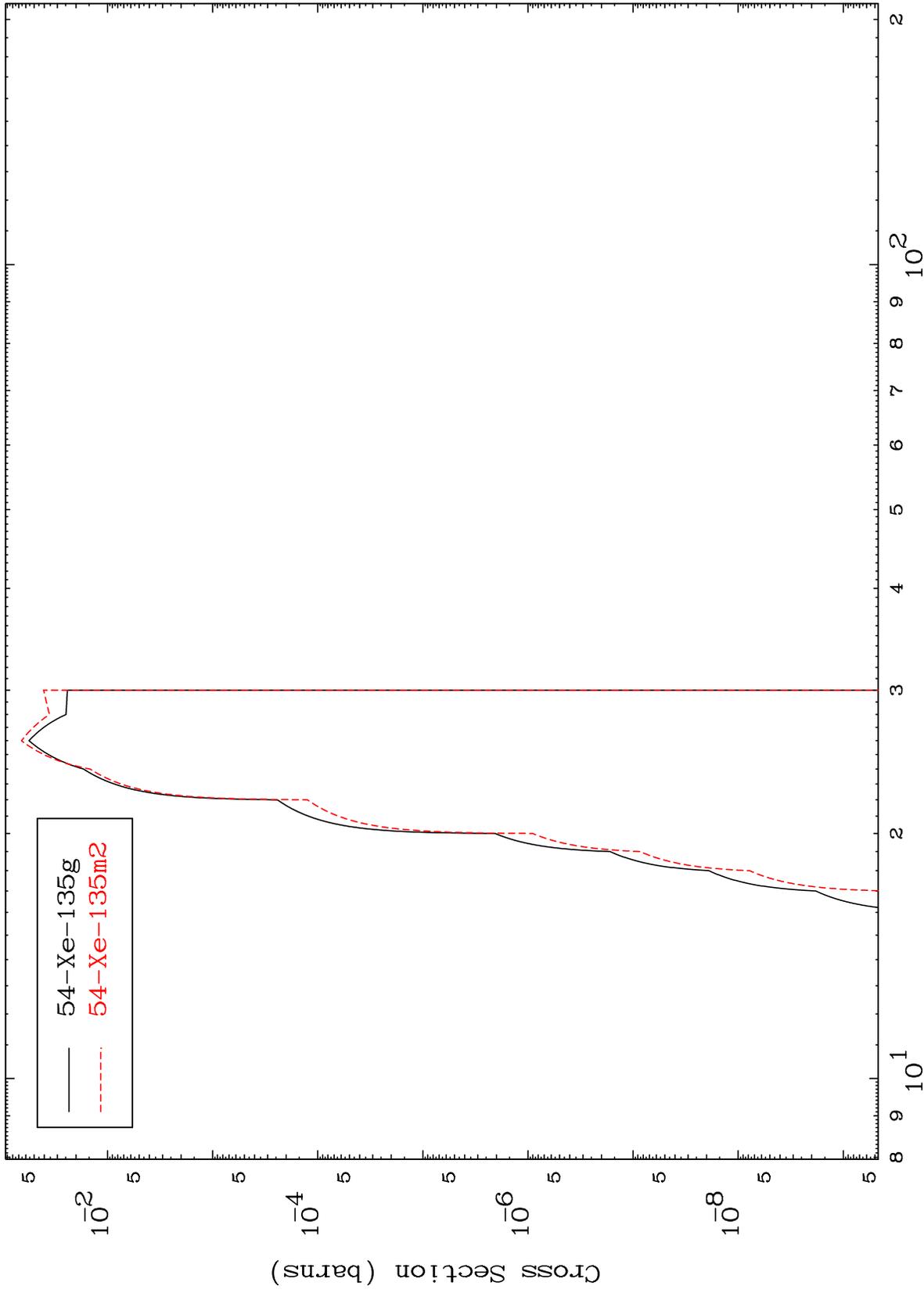
54-Xe-136

MAT 5461

(α, n') α

54-Xe-136

Radionuclide Production Cross Section

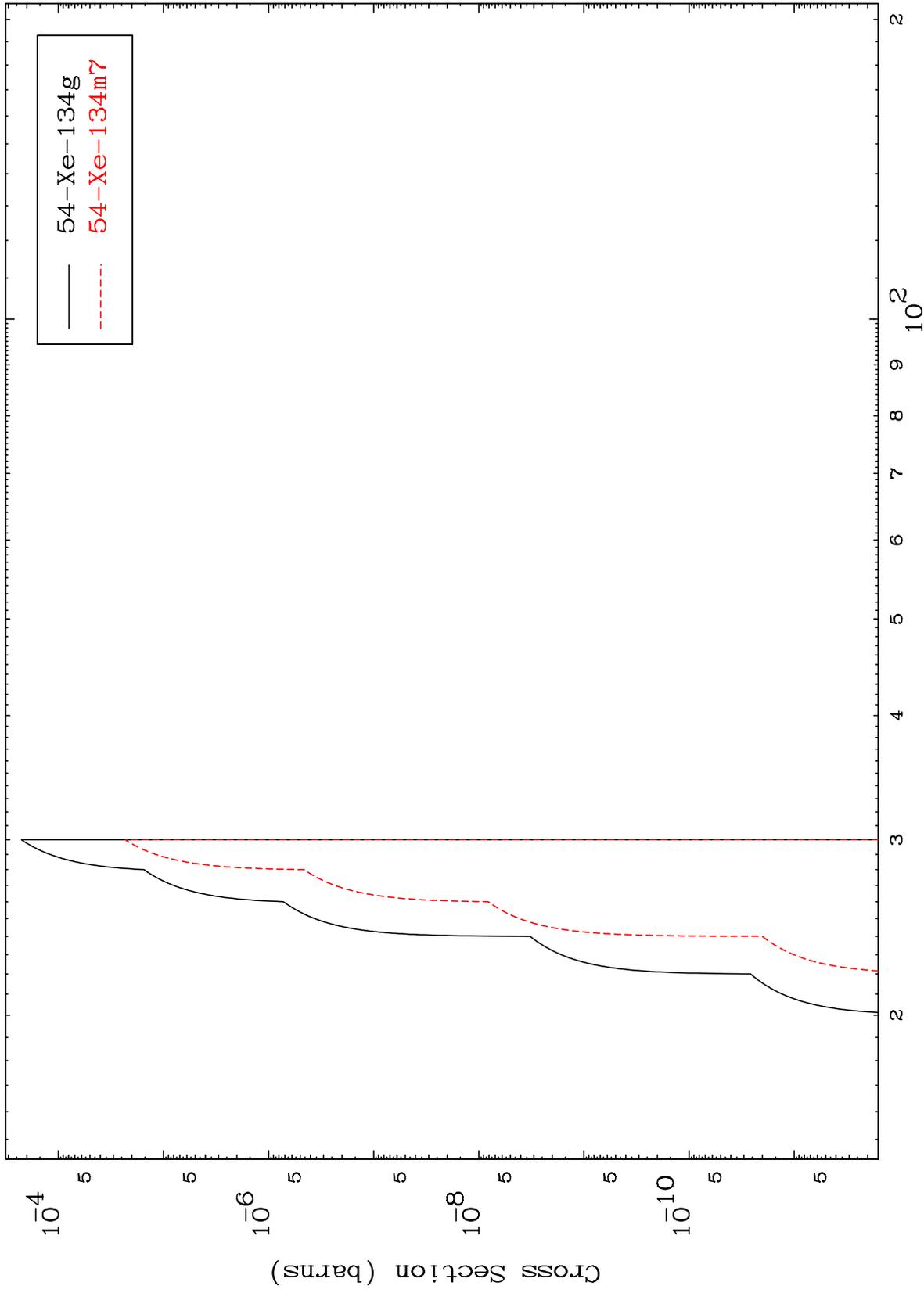


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$(\alpha, 2n) \alpha$

54-Xe-136

Radionuclide Production Cross Section



13

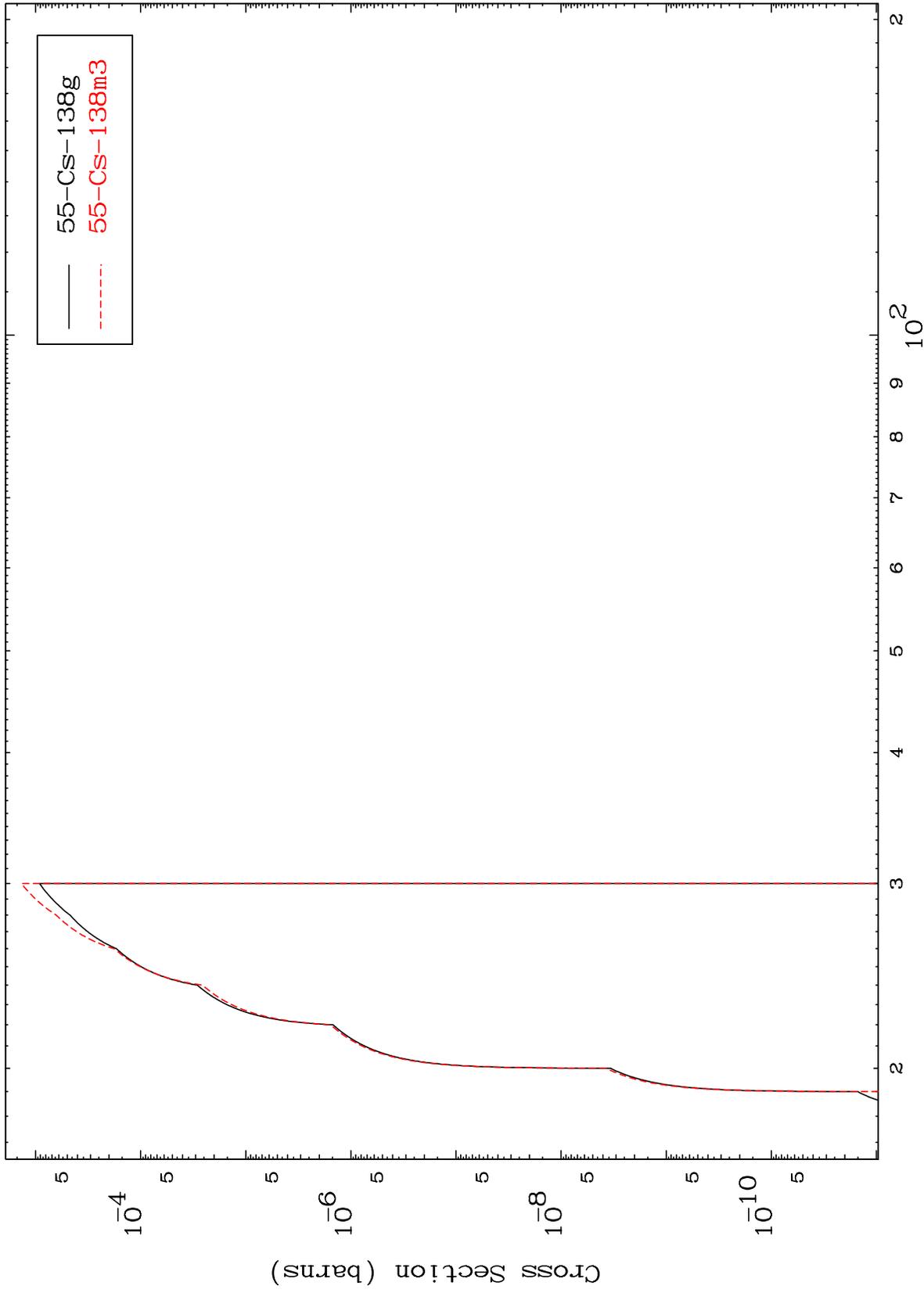
Incident Energy (MeV)

54-Xe-136

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54-Xe-136

(α, n') p
Radionuclide Production Cross Section



14

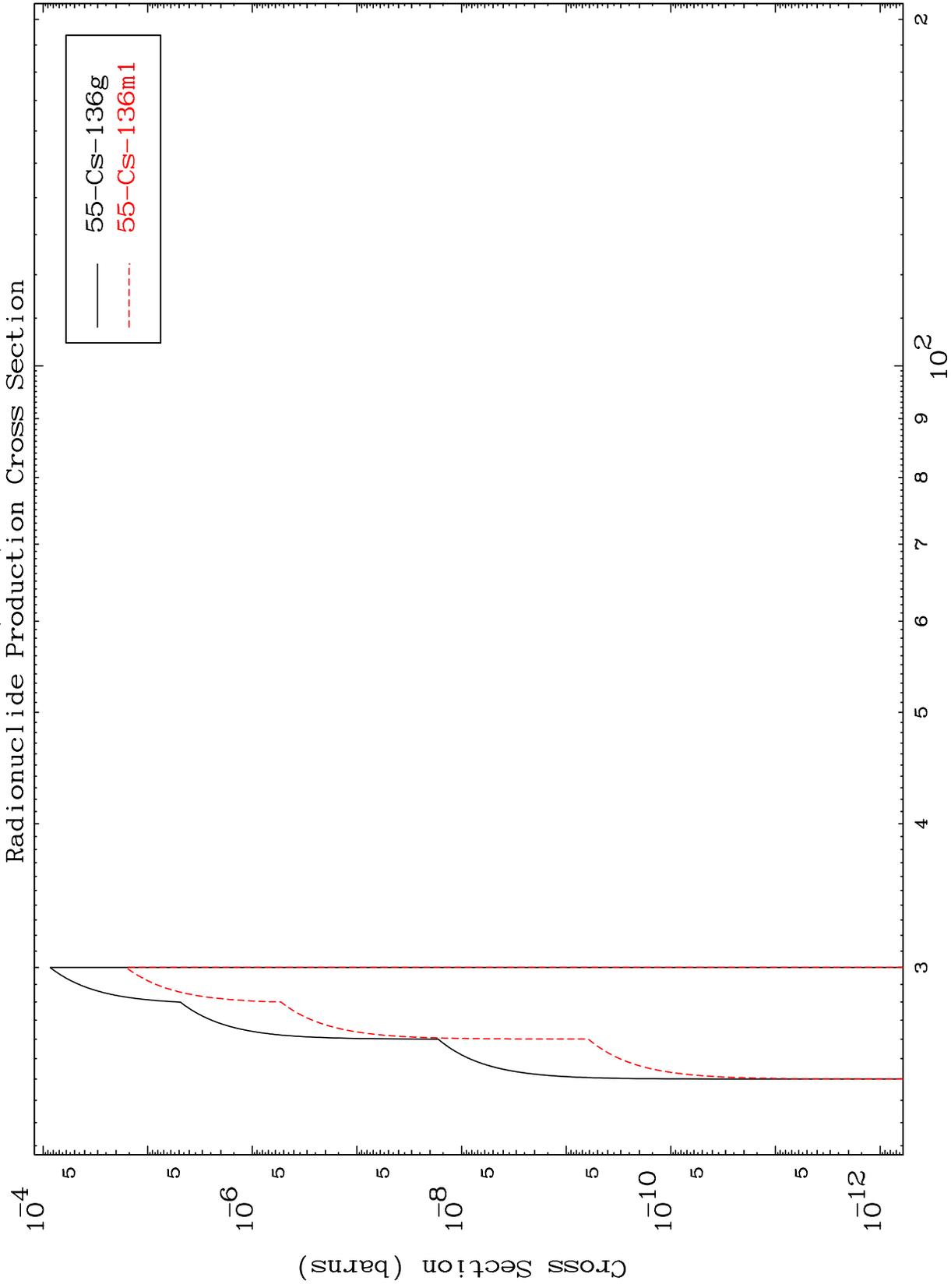
Incident Energy (MeV)

54-Xe-136

MAT 5461

(α, n') t

54-Xe-136



15

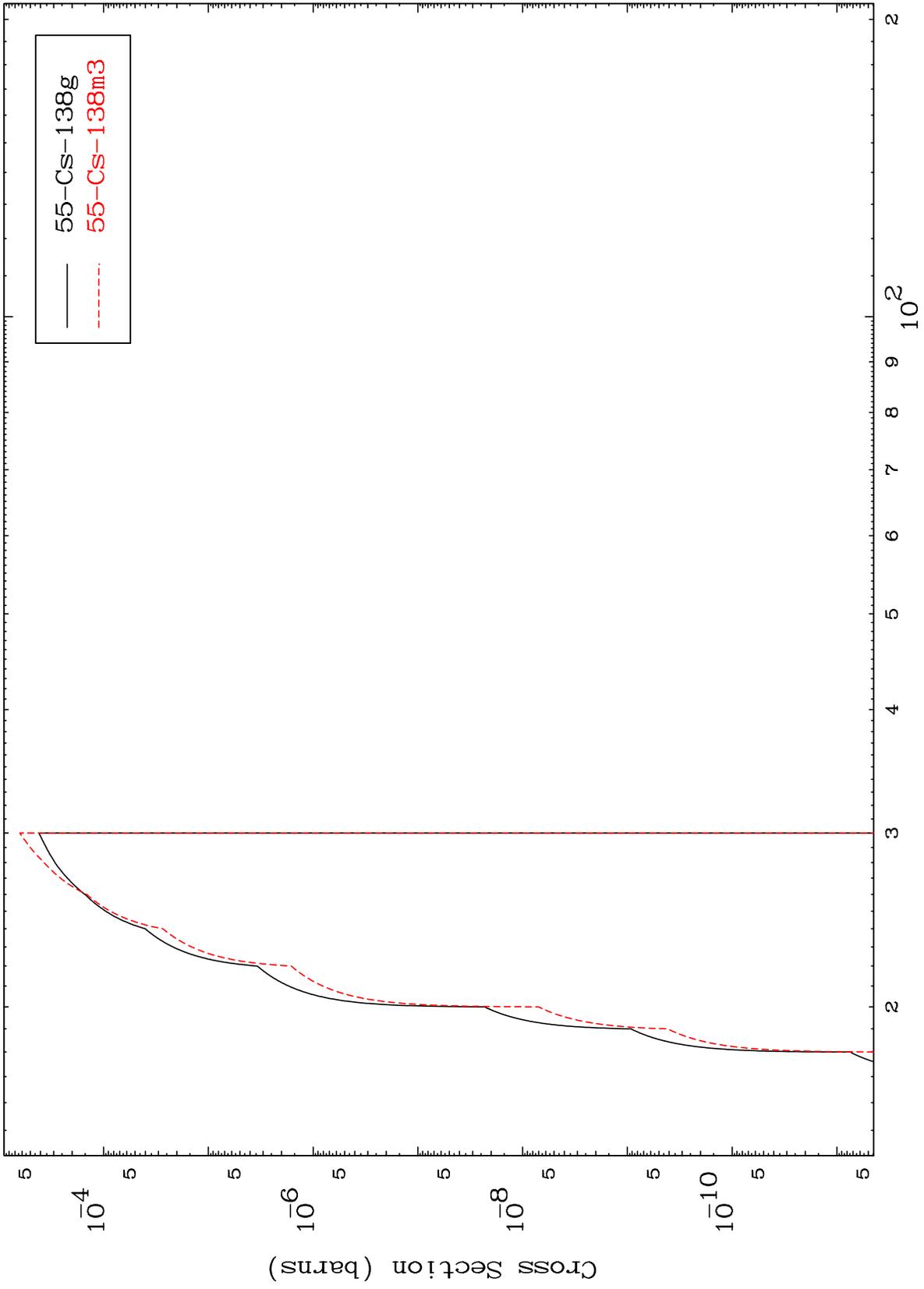
Incident Energy (MeV)

54-Xe-136

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54-Xe-136

(α, d)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

54-Xe-136