

Program EVALPLOT
(Version 2021-1)

by

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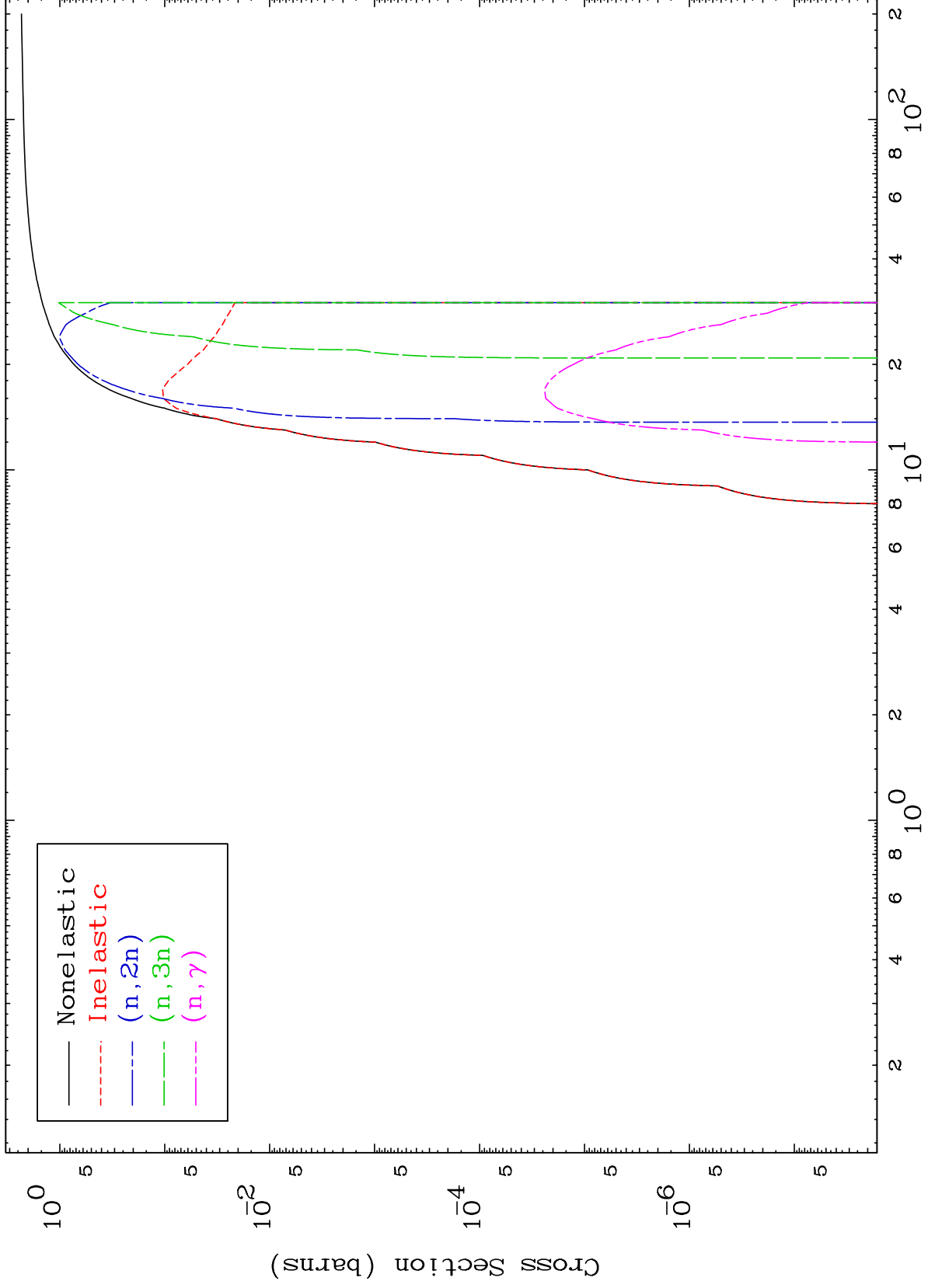
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5453

0 Kelvin Major
 α Major Cross Sections

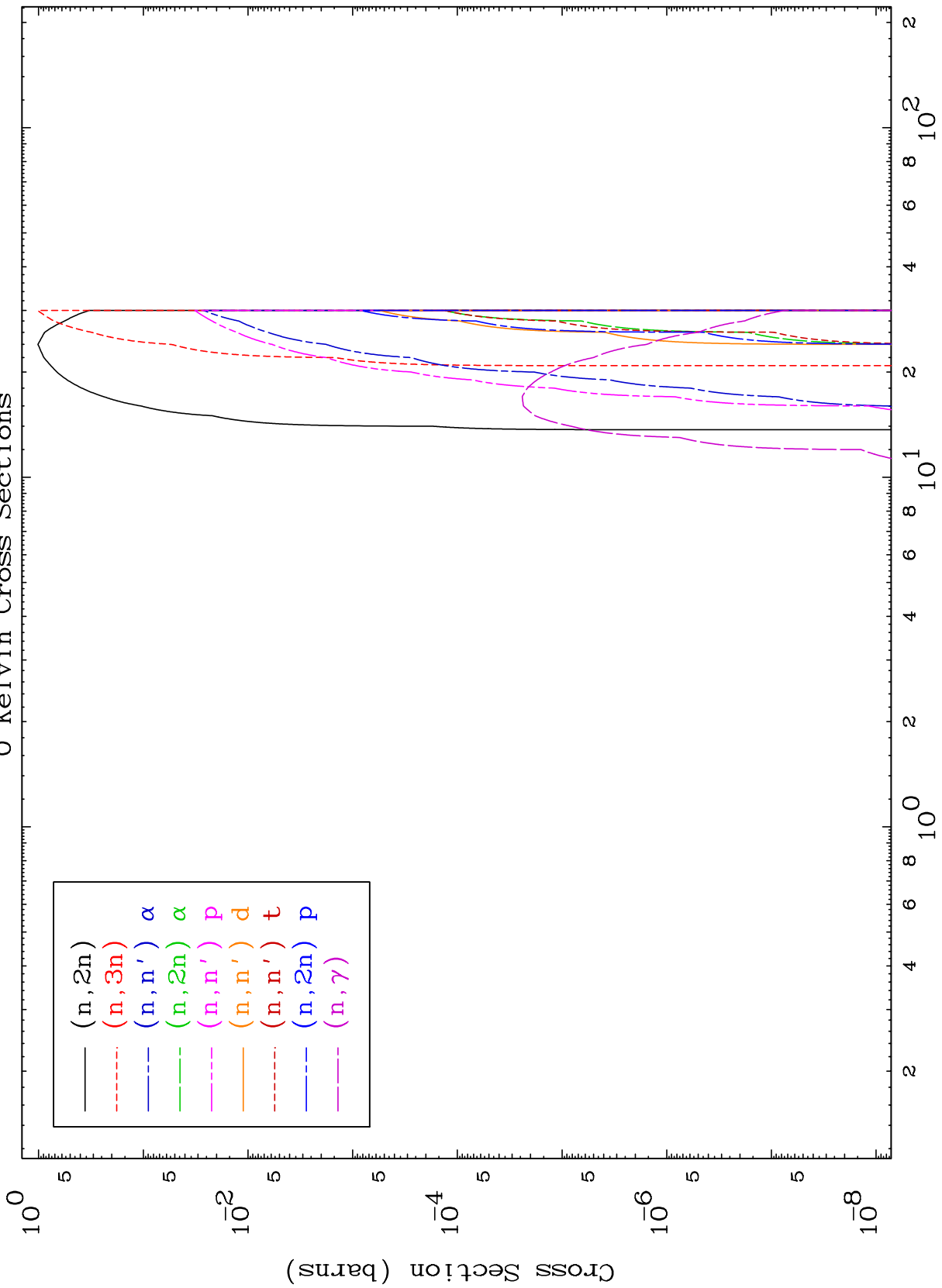
54-Xe-133m

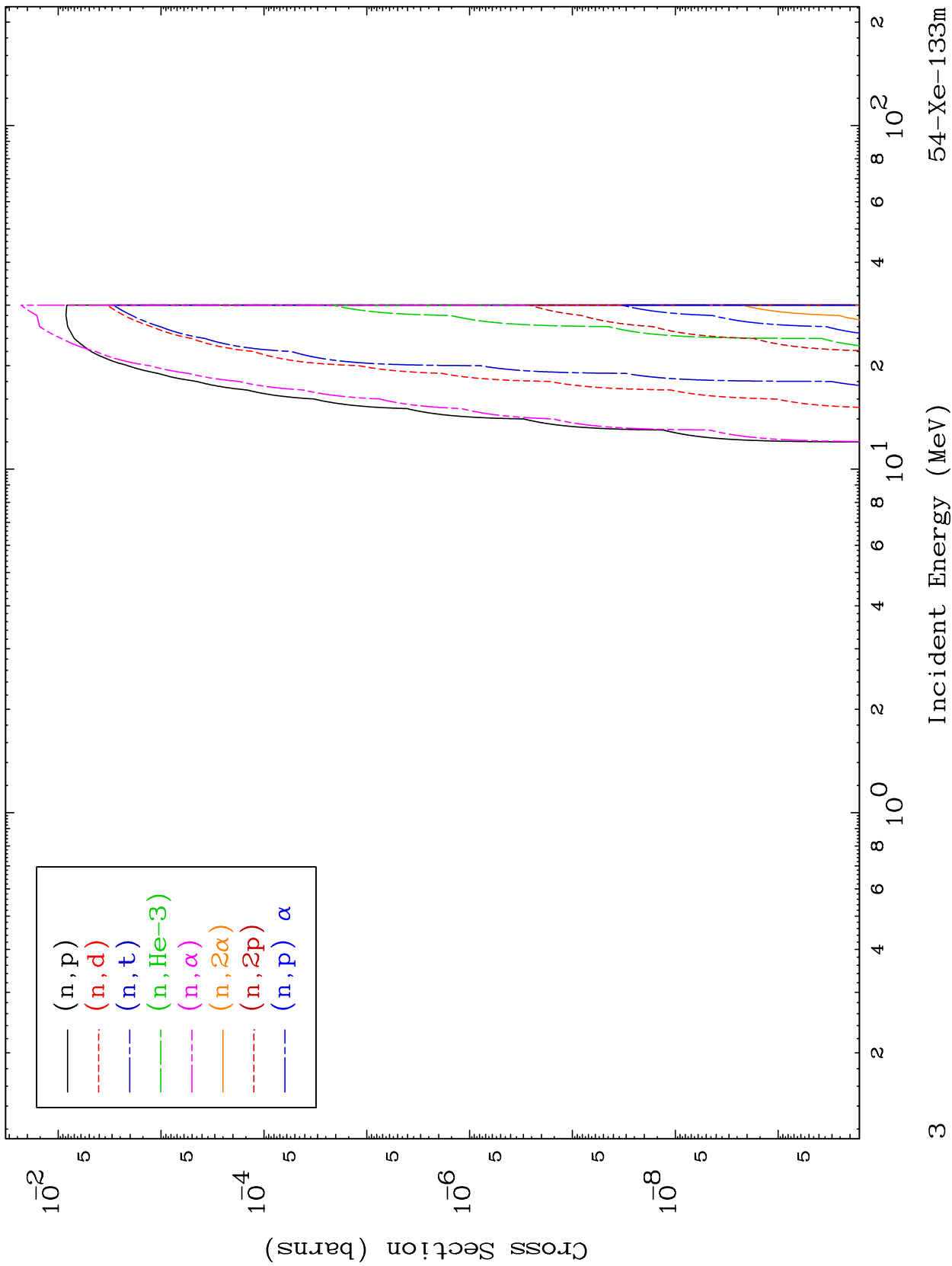


MAT 5453

α Neutron Absorption
0 Kelvin Cross Sections

54-Xe-133m

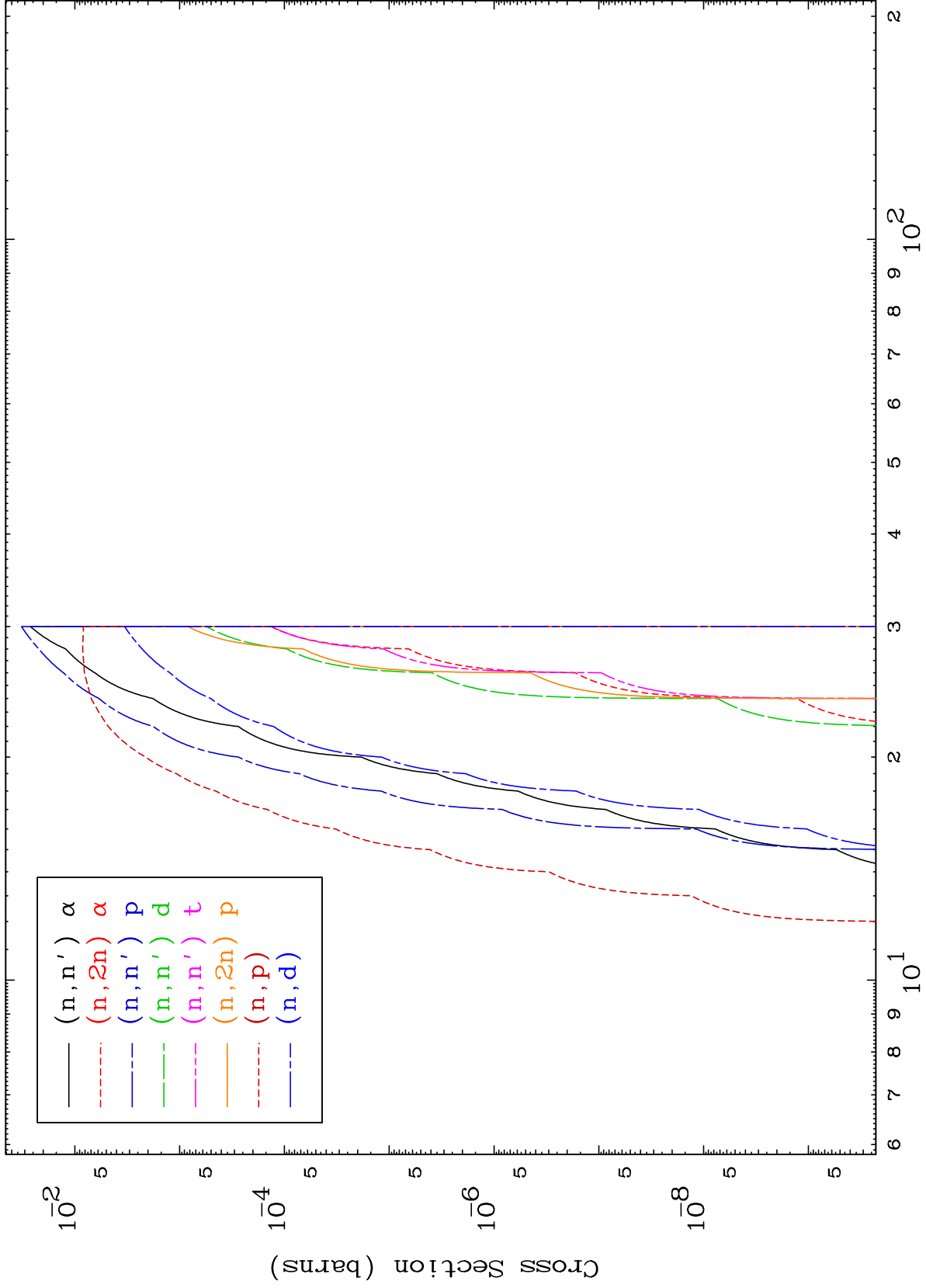


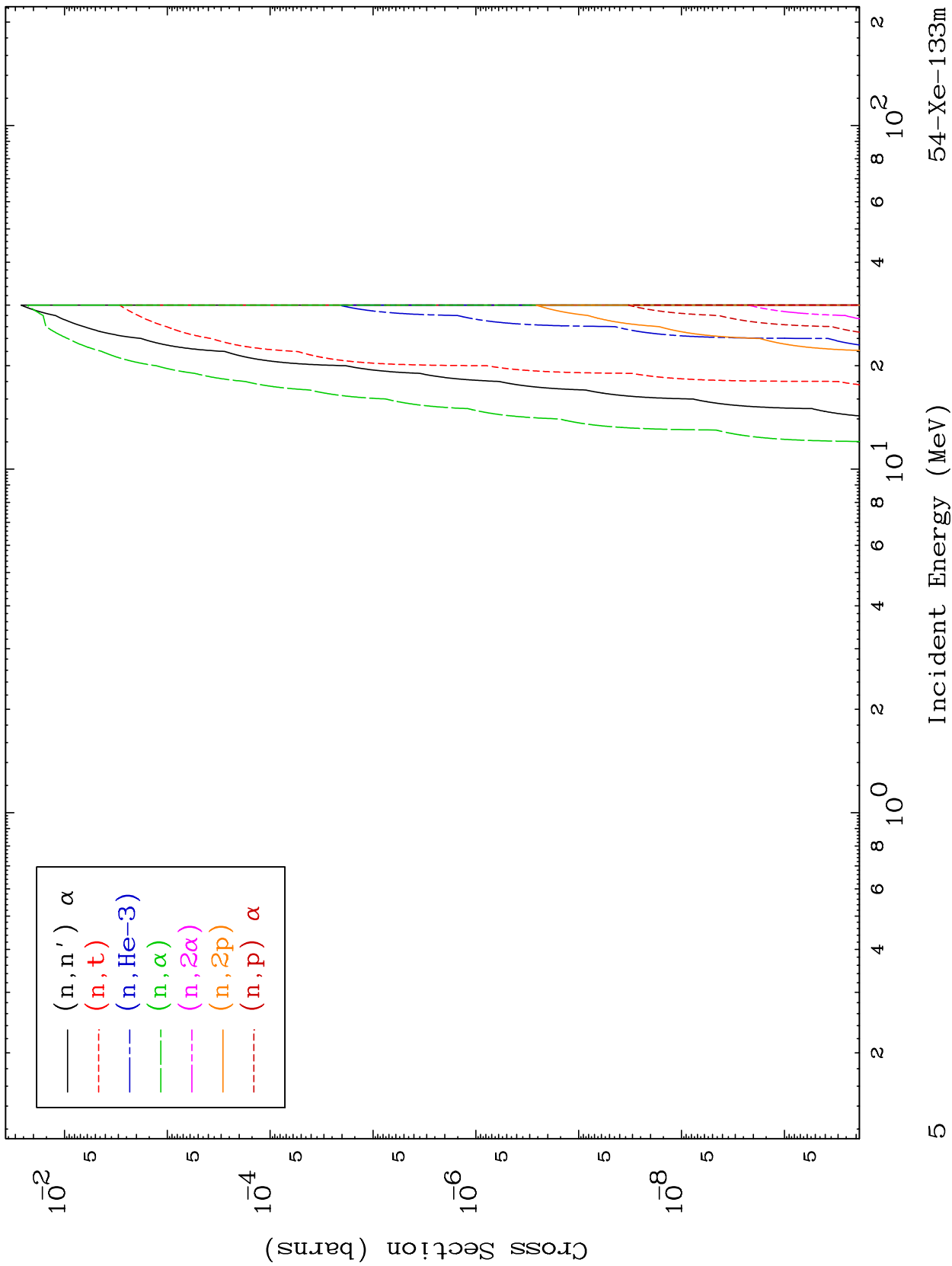


MAT 5453

α Charged Particle
0 Kelvin Cross Sections

54-Xe-133m

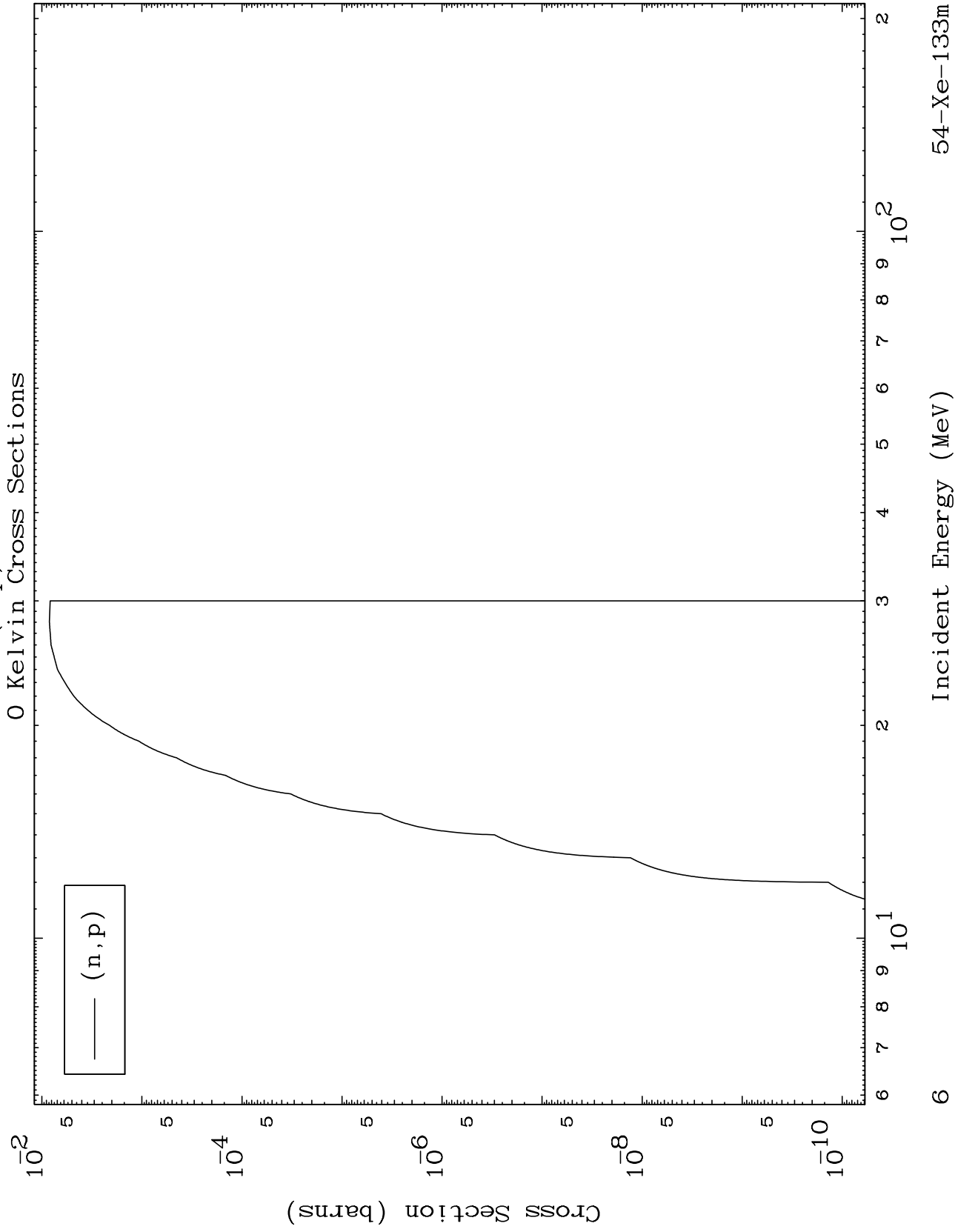




MAT 5453

(α, p) Levels

54-Xe-133m



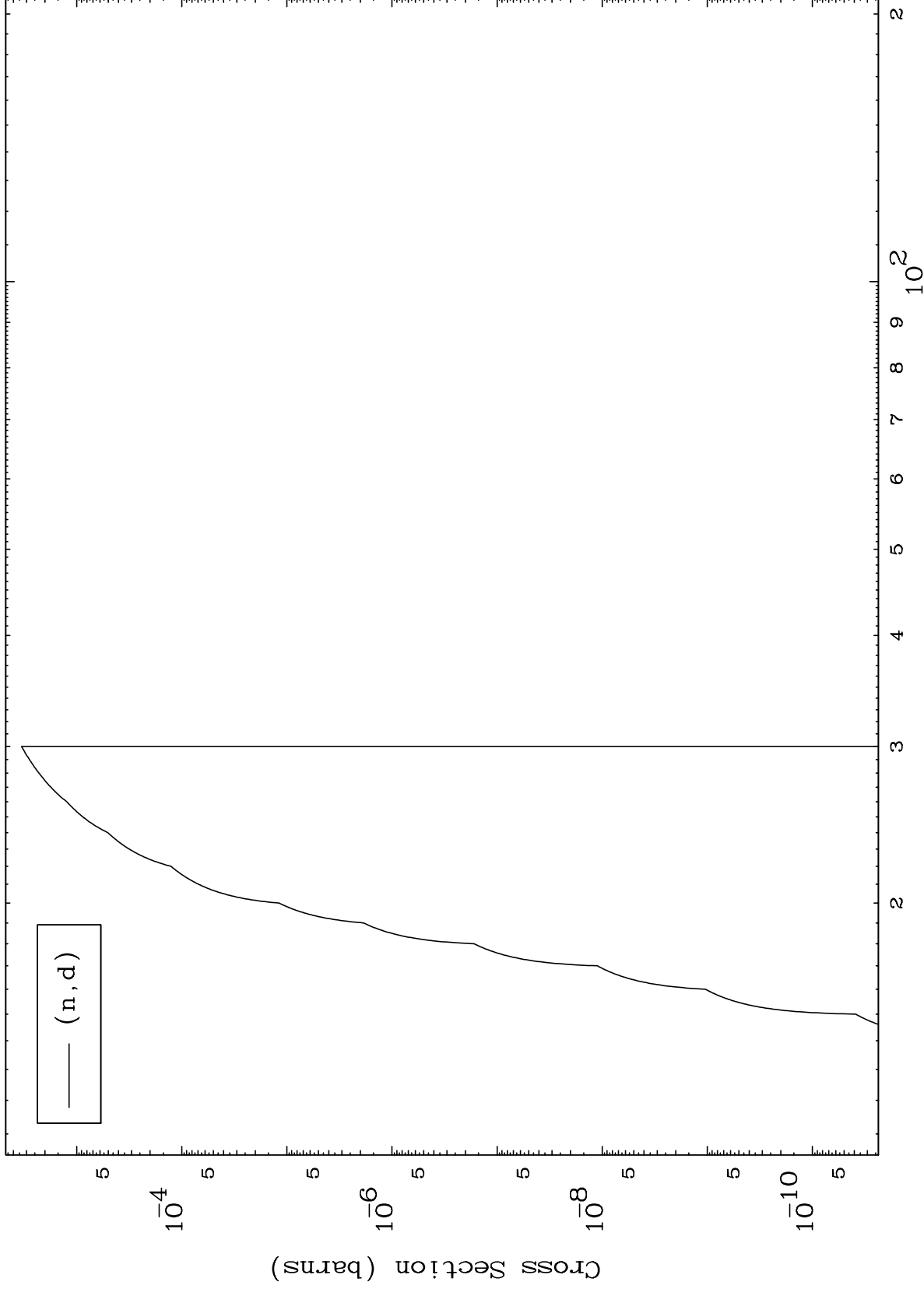
6

MAT 5453

(α, d) Levels

54-Xe-133m

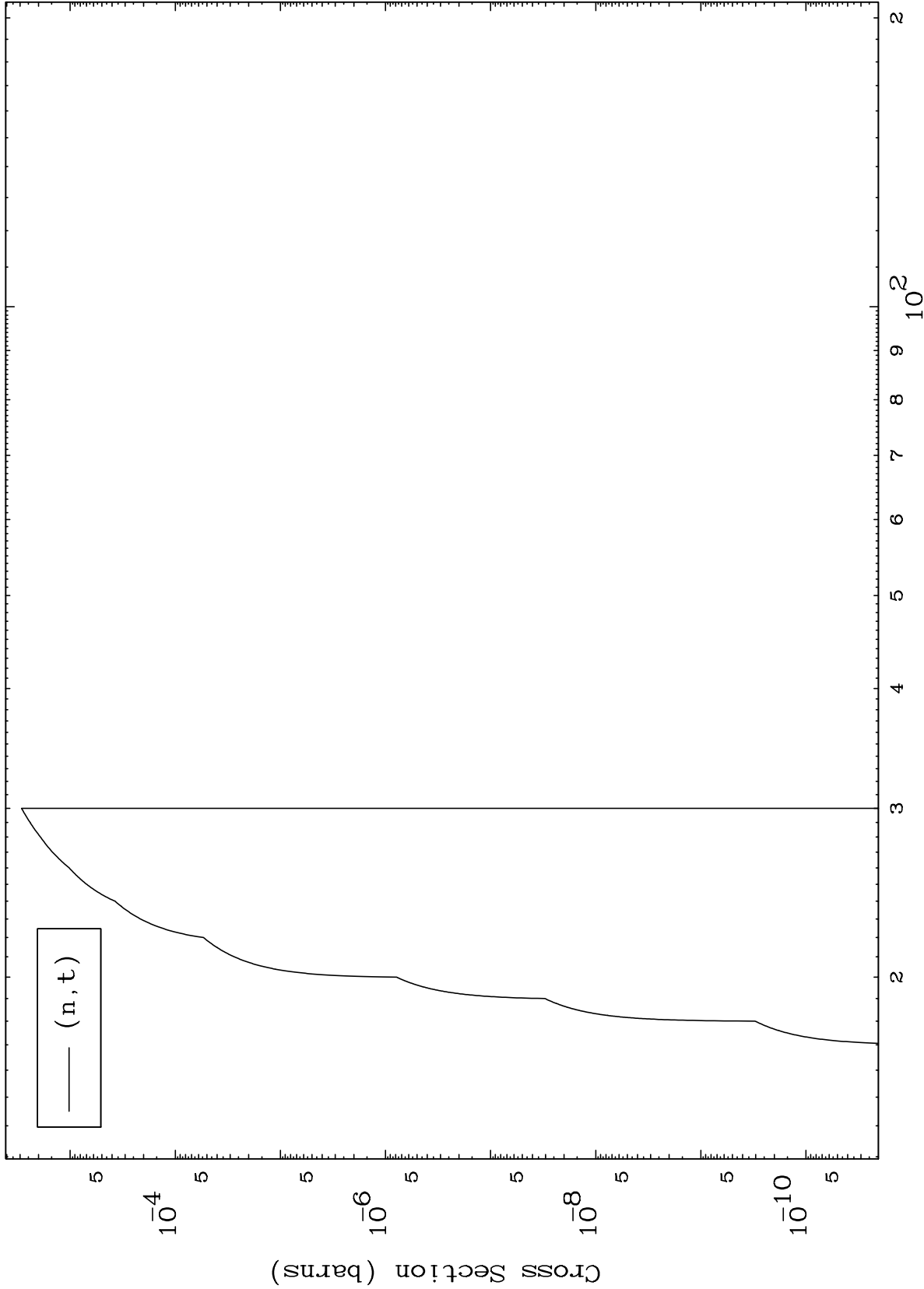
0 Kelvin Cross Sections



MAT 5453

(α, t) Levels
0 Kelvin Cross Sections

54-Xe-133m

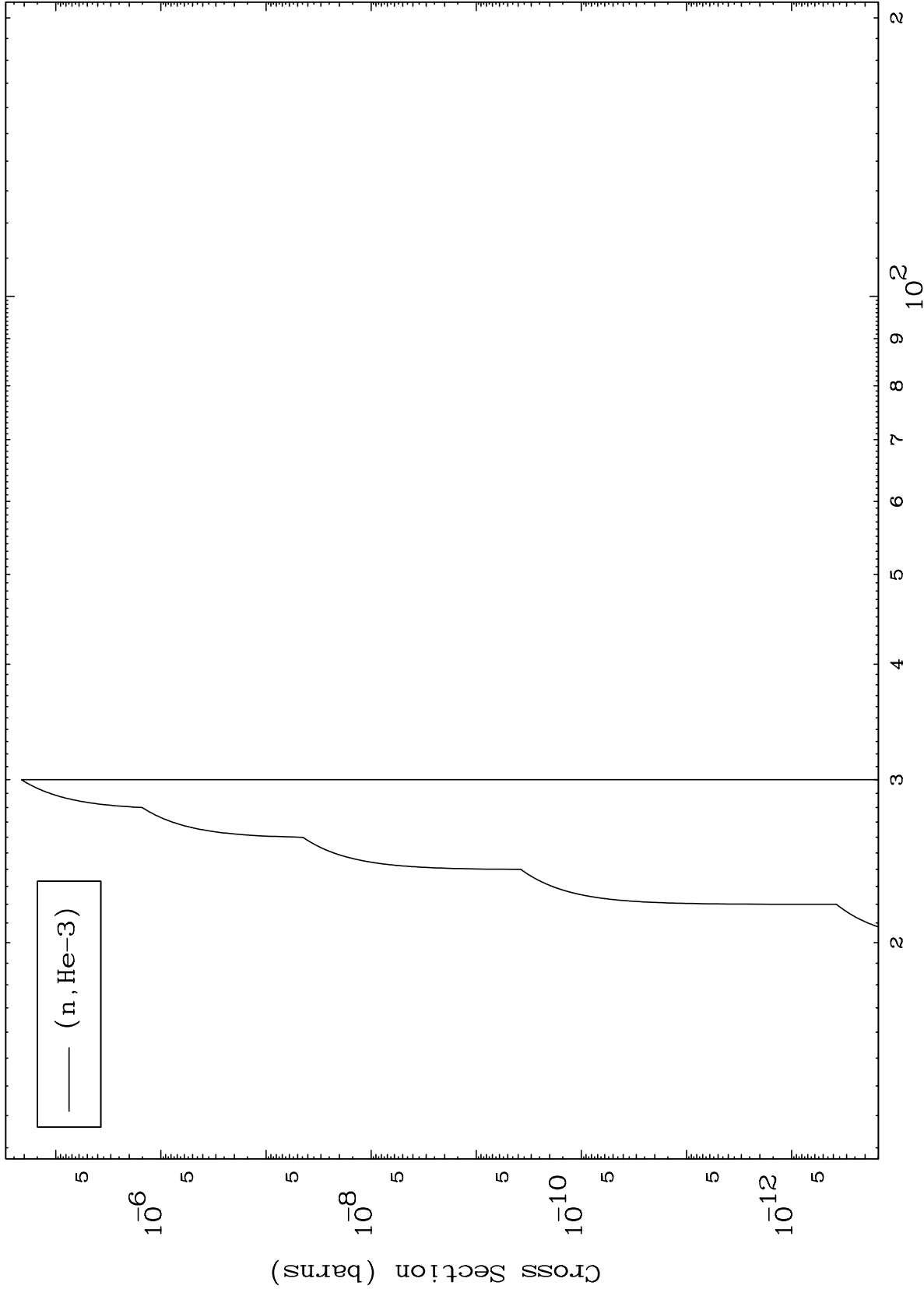


8

Incident Energy (MeV)

54-Xe-133m

0 Kelvin Cross Sections

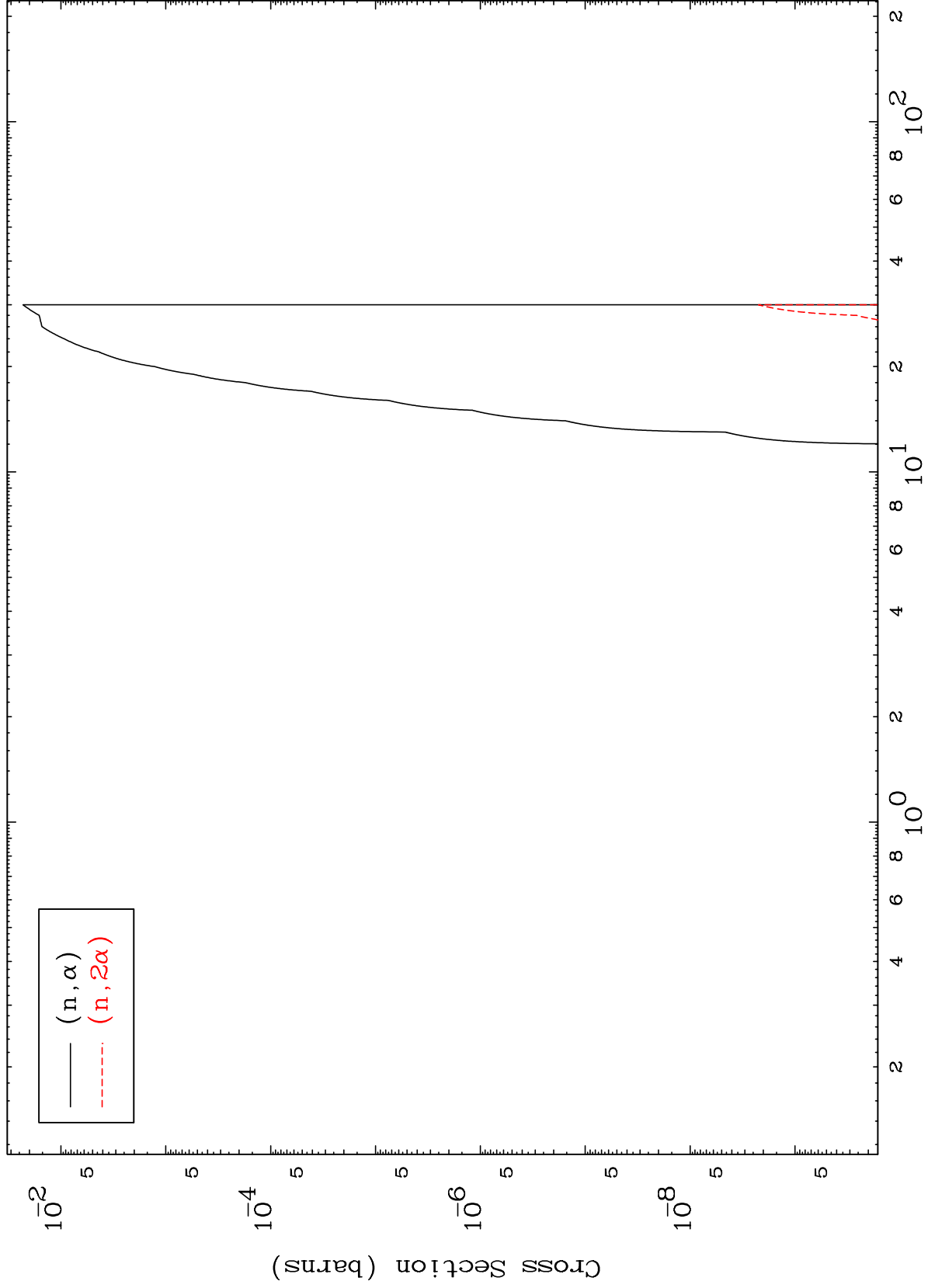


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(α, α) Levels

54-Xe-133m

0 Kelvin Cross Sections



10

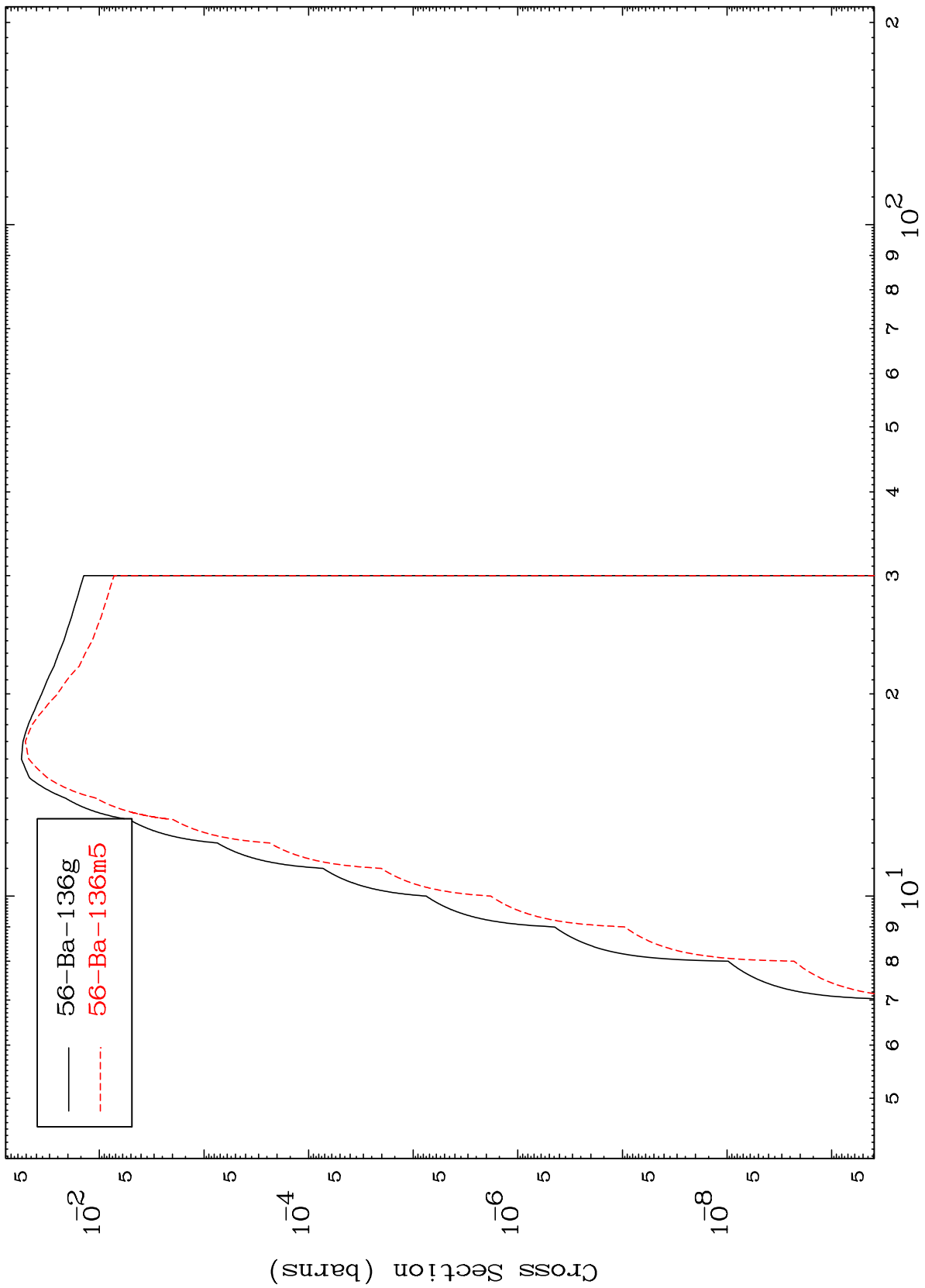
Incident Energy (MeV)

54-Xe-133m

MAT 5453

54-Xe-133m

Inelastic
Radionuclide Production Cross Section



11

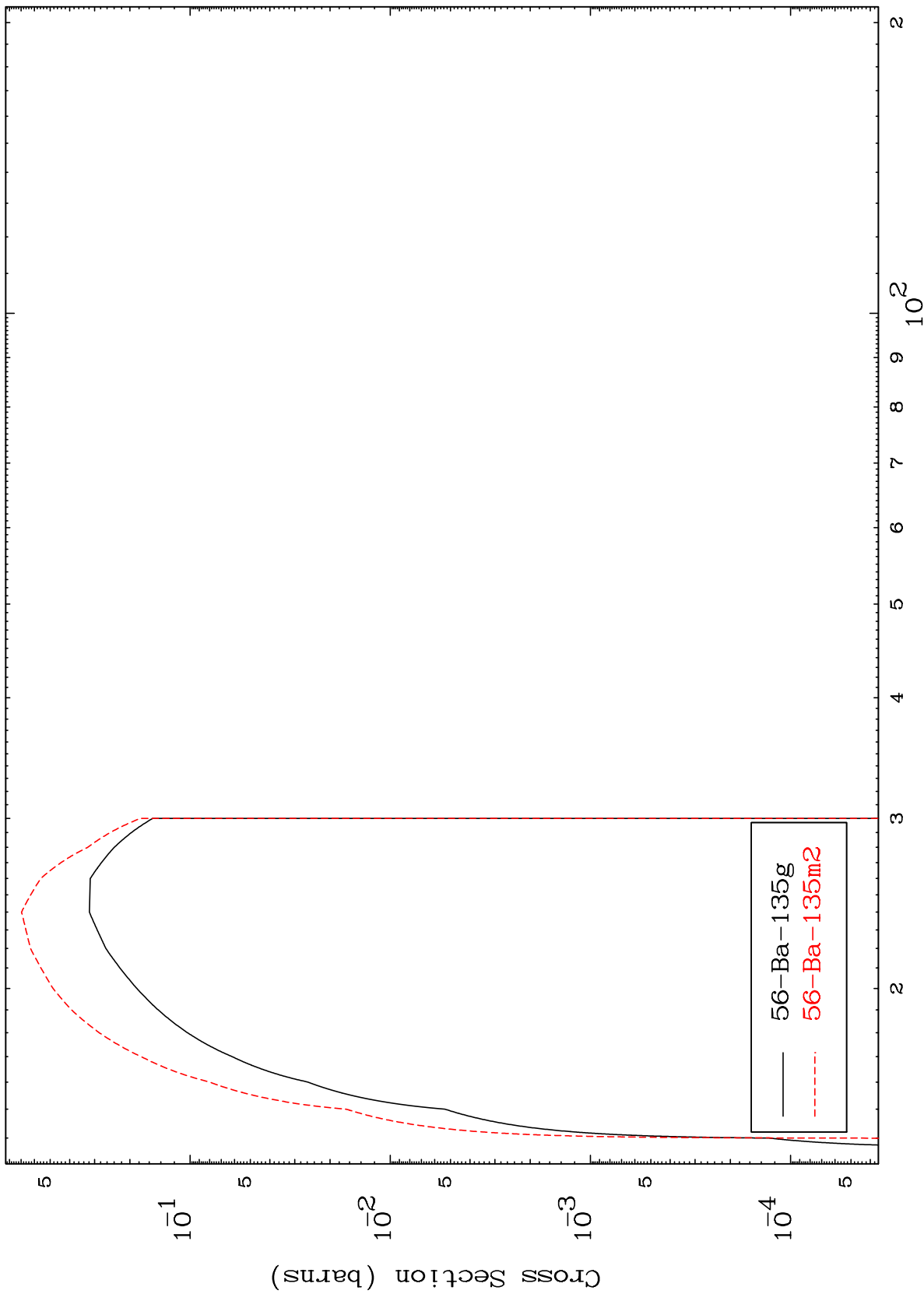
54-Xe-133m

Incident Energy (MeV)

MAT 5453

54-Xe-133m

(n,2n)
Radionuclide Production Cross Section



54-Xe-133m

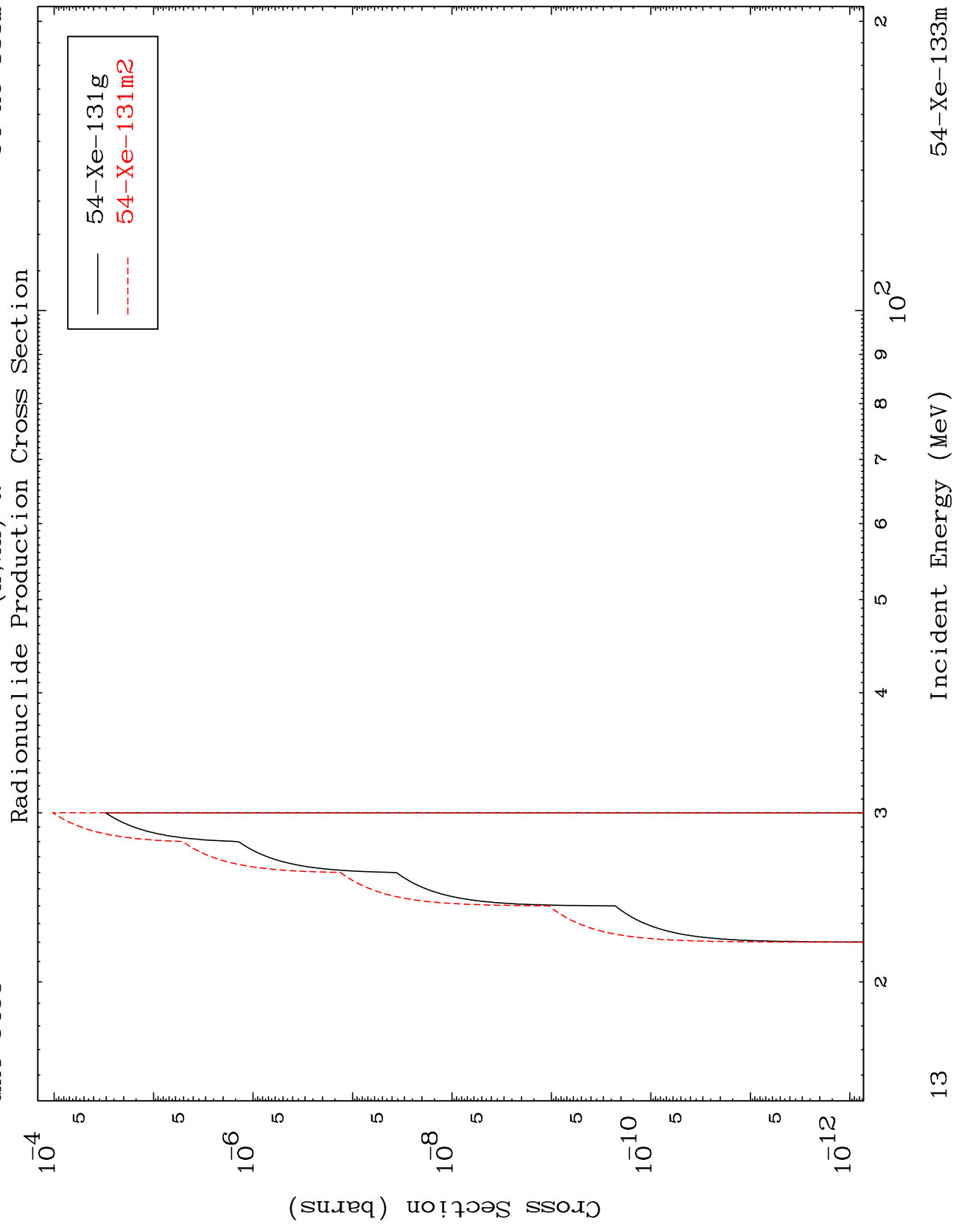
Incident Energy (MeV)

12

MAT 5453

(n,2n) α

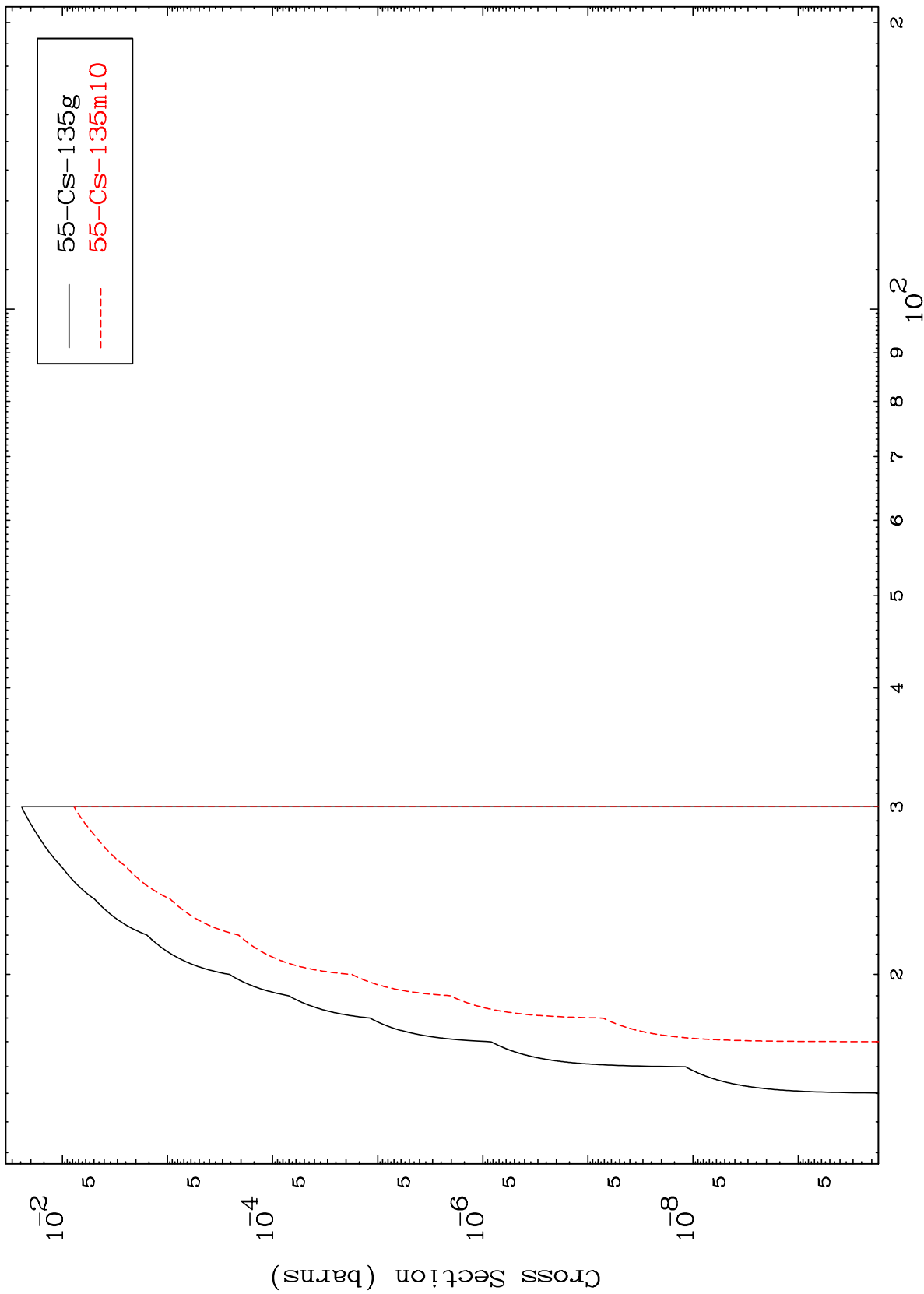
54-Xe-133m



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54-Xe-133m

(n,n') p
Radionuclide Production Cross Section



55-Cs-135g
55-Cs-135m10

14

Incident Energy (MeV)

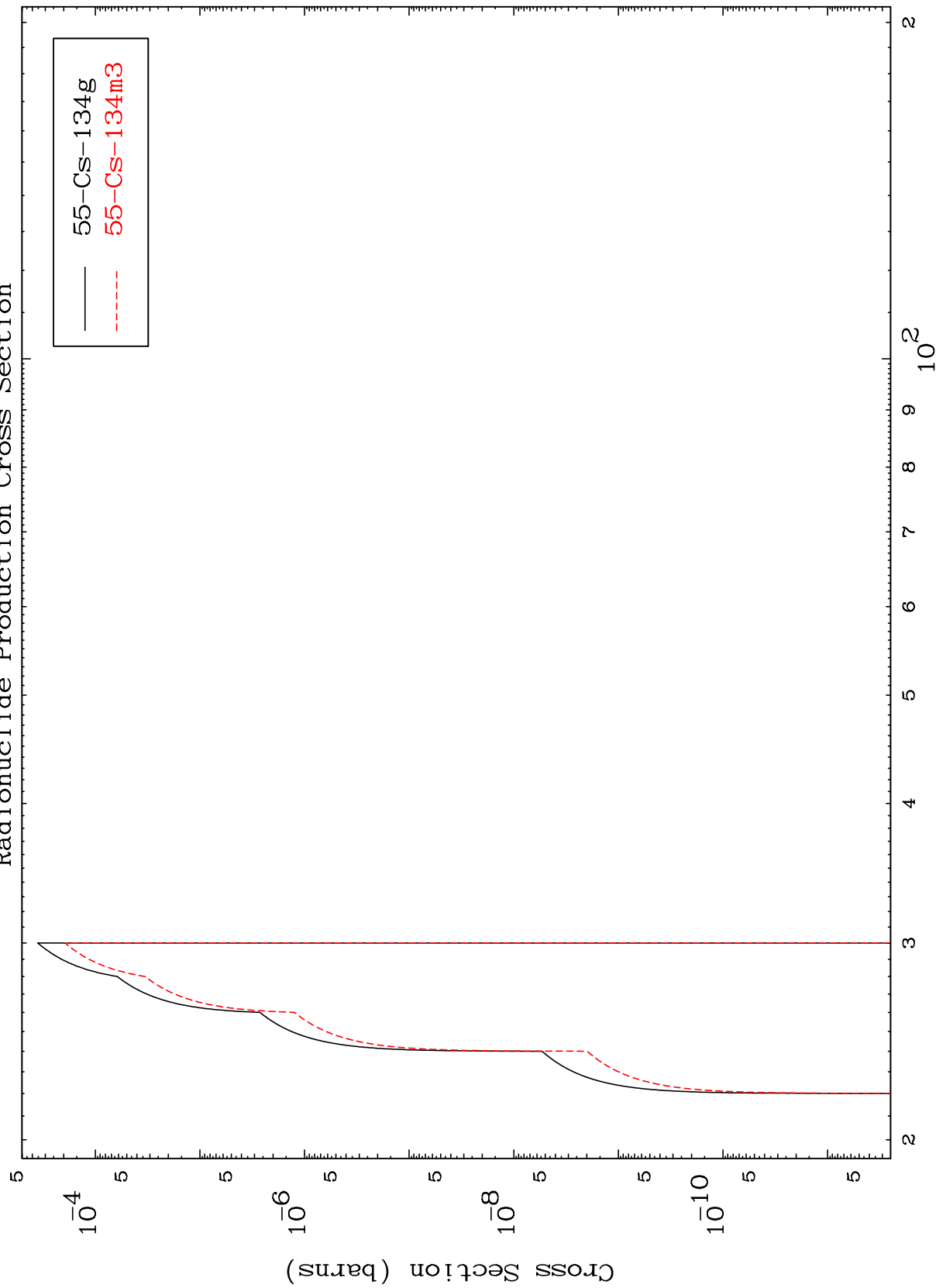
54-Xe-133m

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(n,n') d

54-Xe-133m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

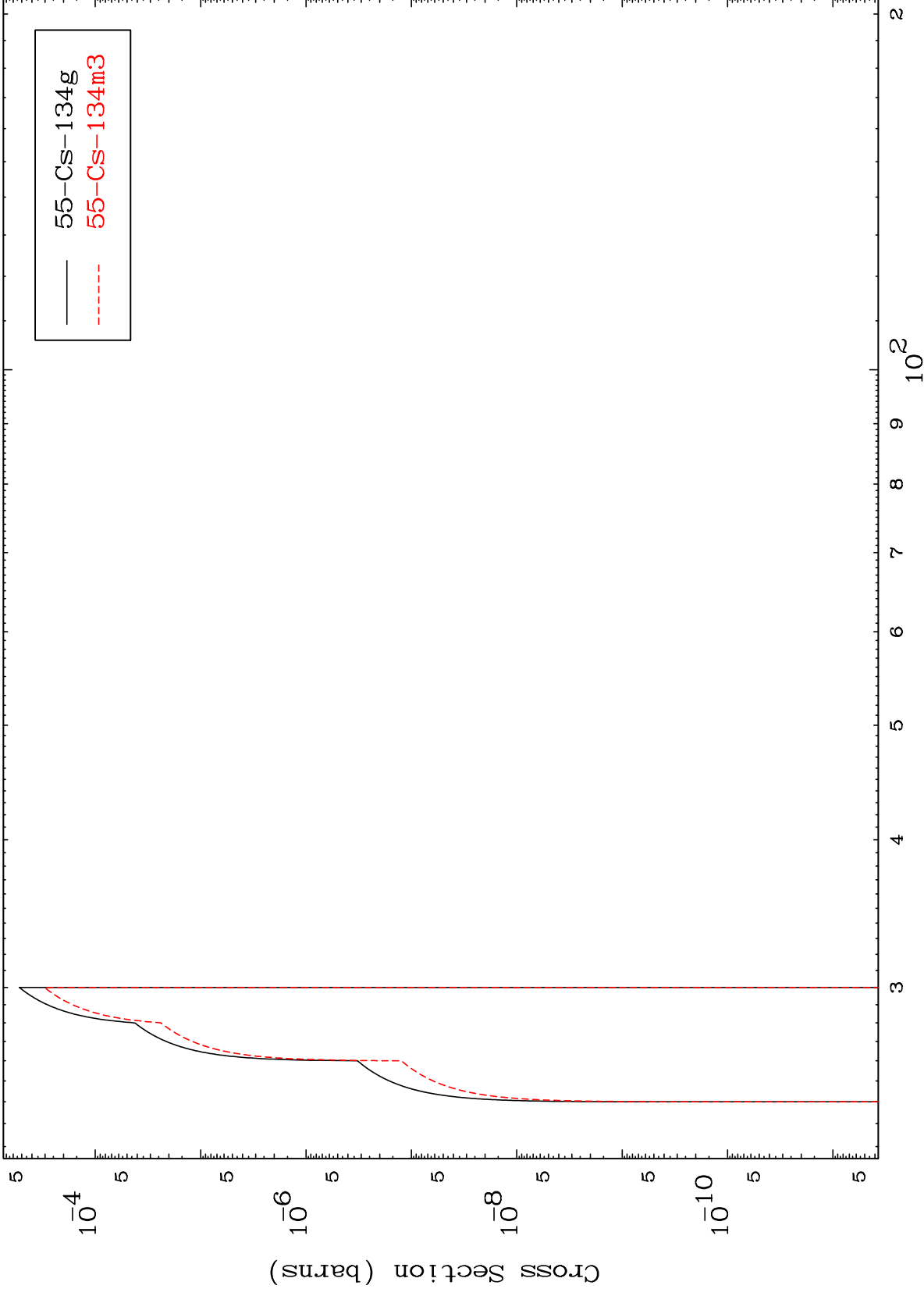
54-Xe-133m

MAT 5453

(n,2n) p

54-Xe-133m

Radionuclide Production Cross Section



16

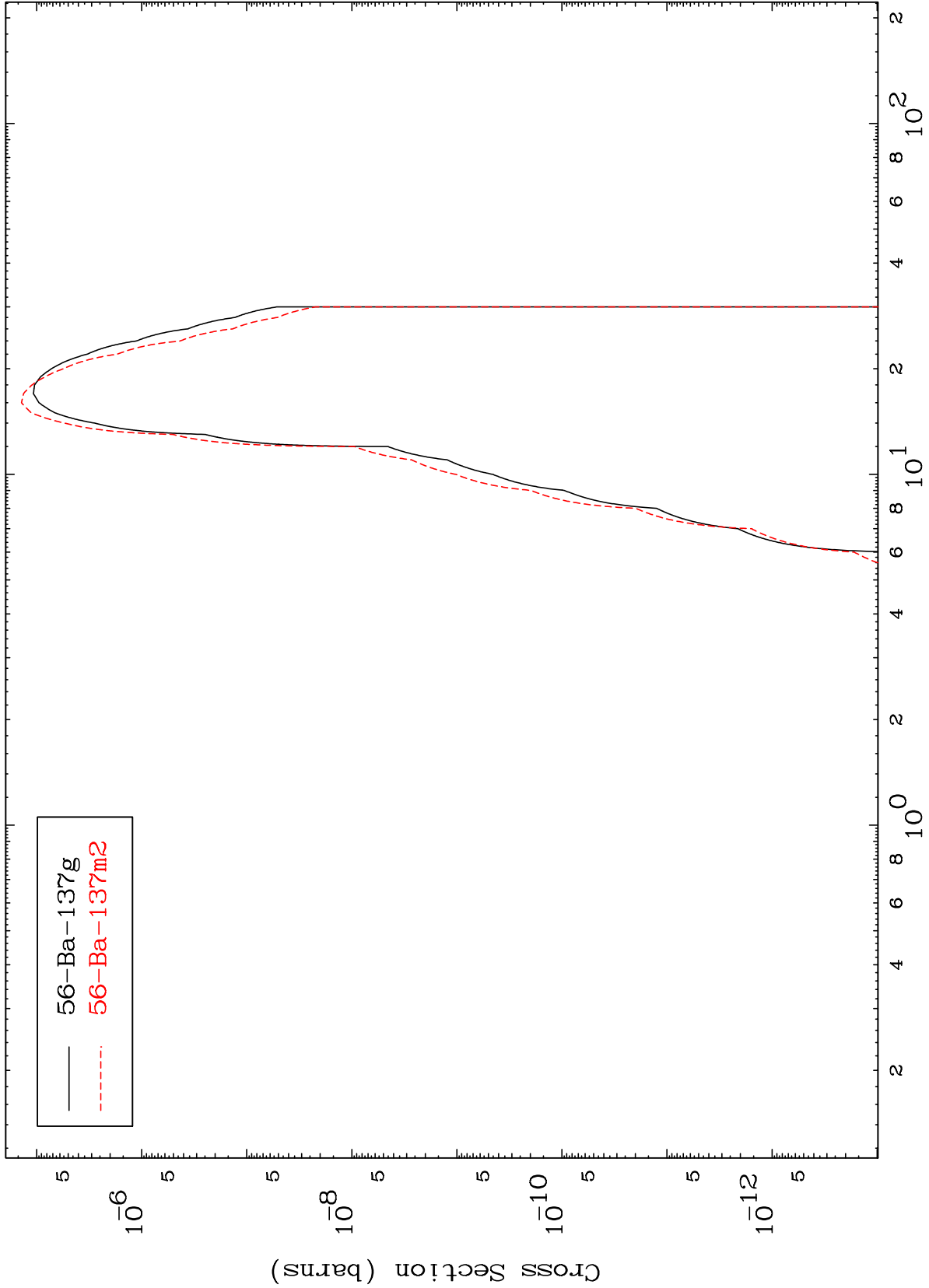
Incident Energy (MeV)

54-Xe-133m

MAT 5453

54-Xe-133m

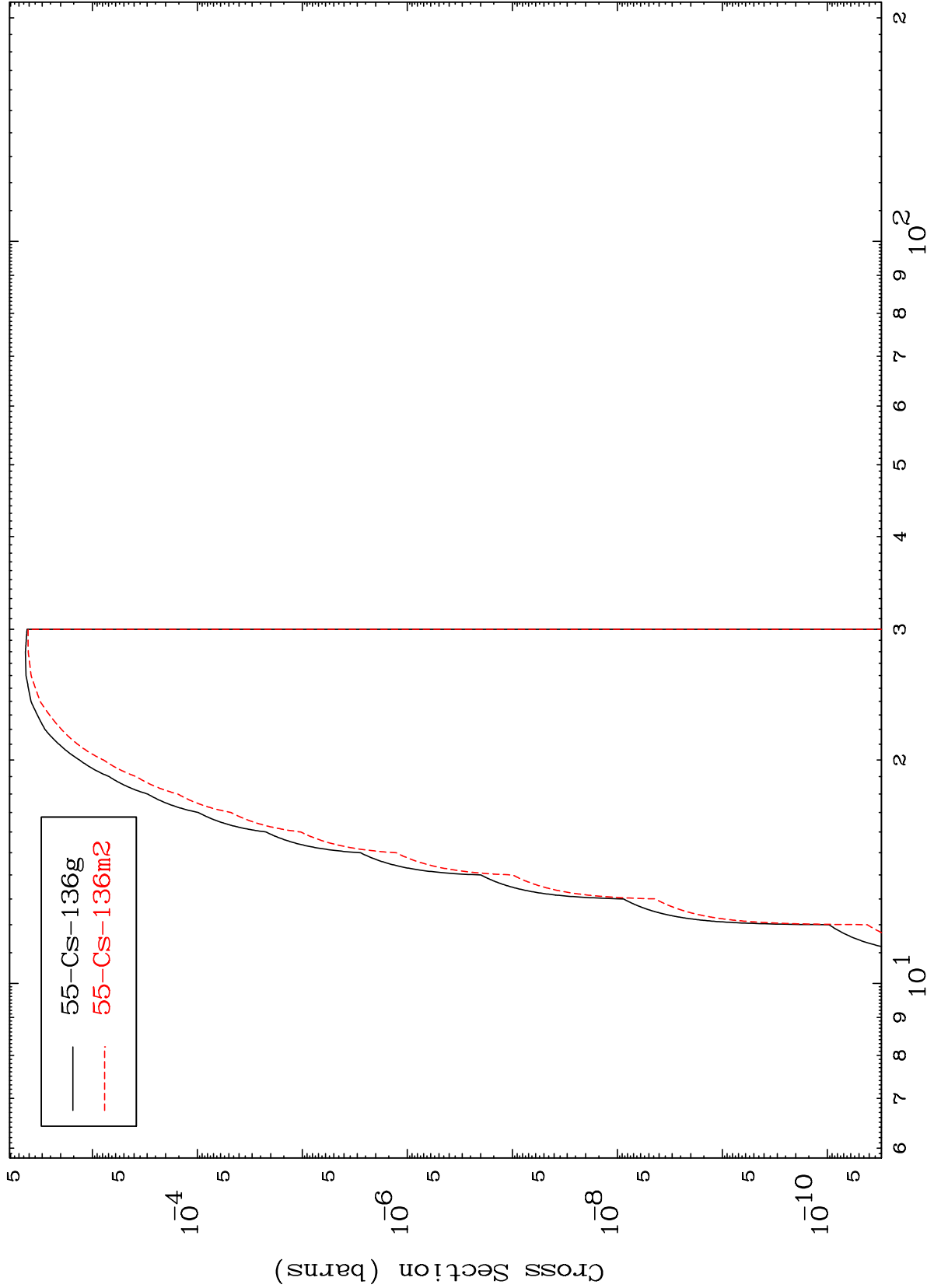
(n, γ)
Radionuclide Production Cross Section



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54-Xe-133m

(n,p)
Radionuclide Production Cross Section



54-Xe-133m

Incident Energy (MeV)

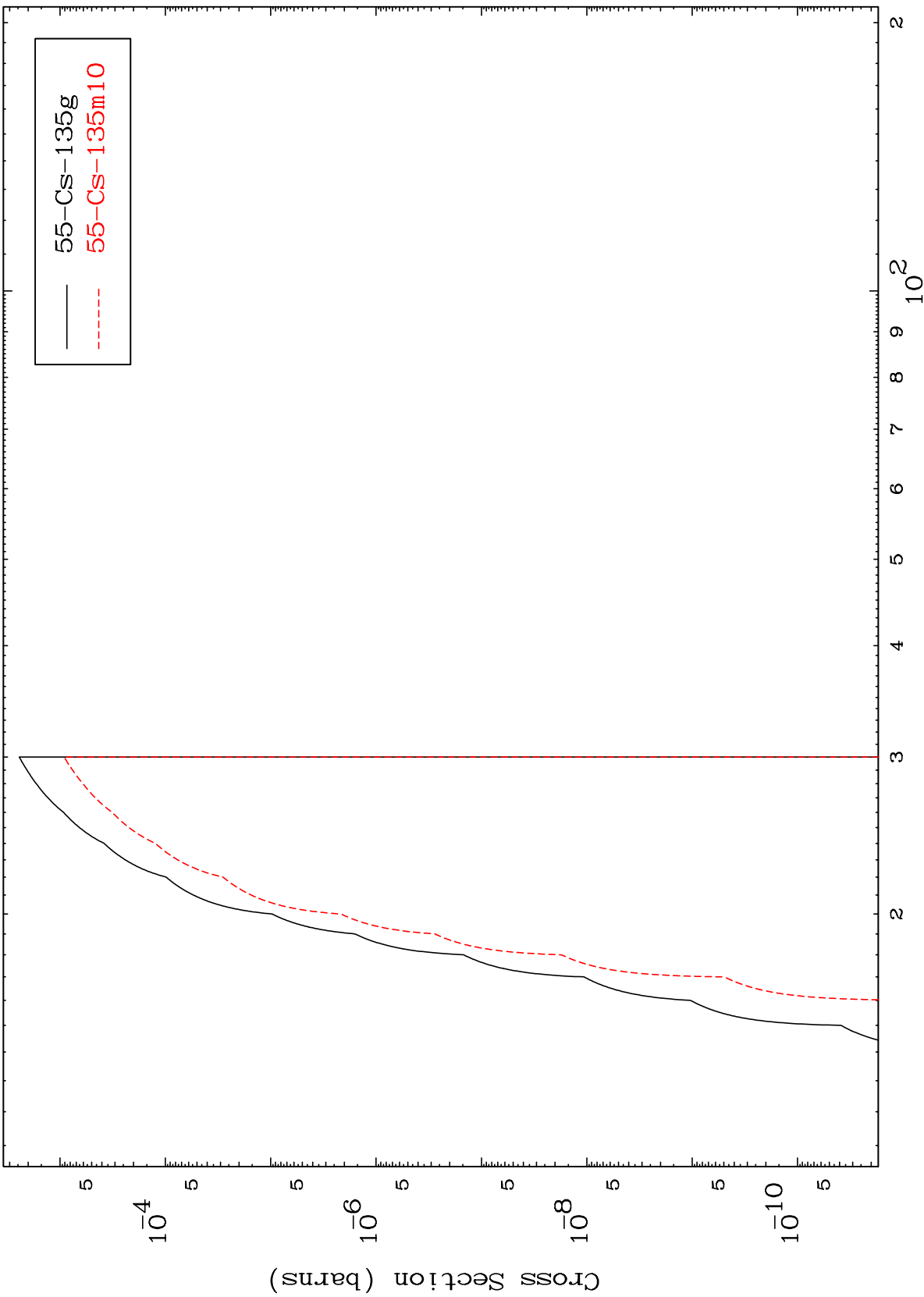
18

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(n,d)

54-Xe-133m

Radionuclide Production Cross Section



19

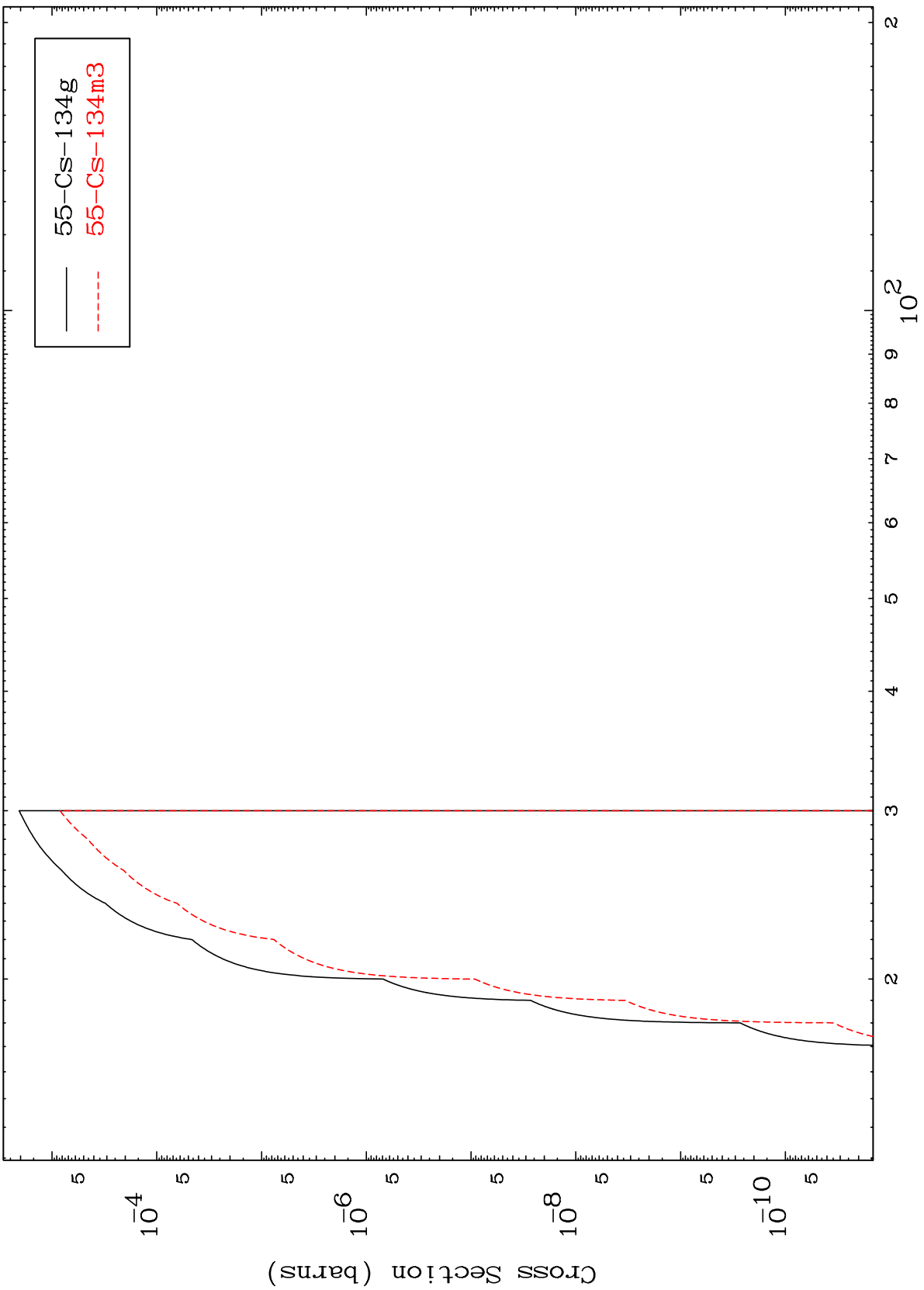
Incident Energy (MeV)

54-Xe-133m

MAT 5453

54-Xe-133m

(n,t)
Radionuclide Production Cross Section



20

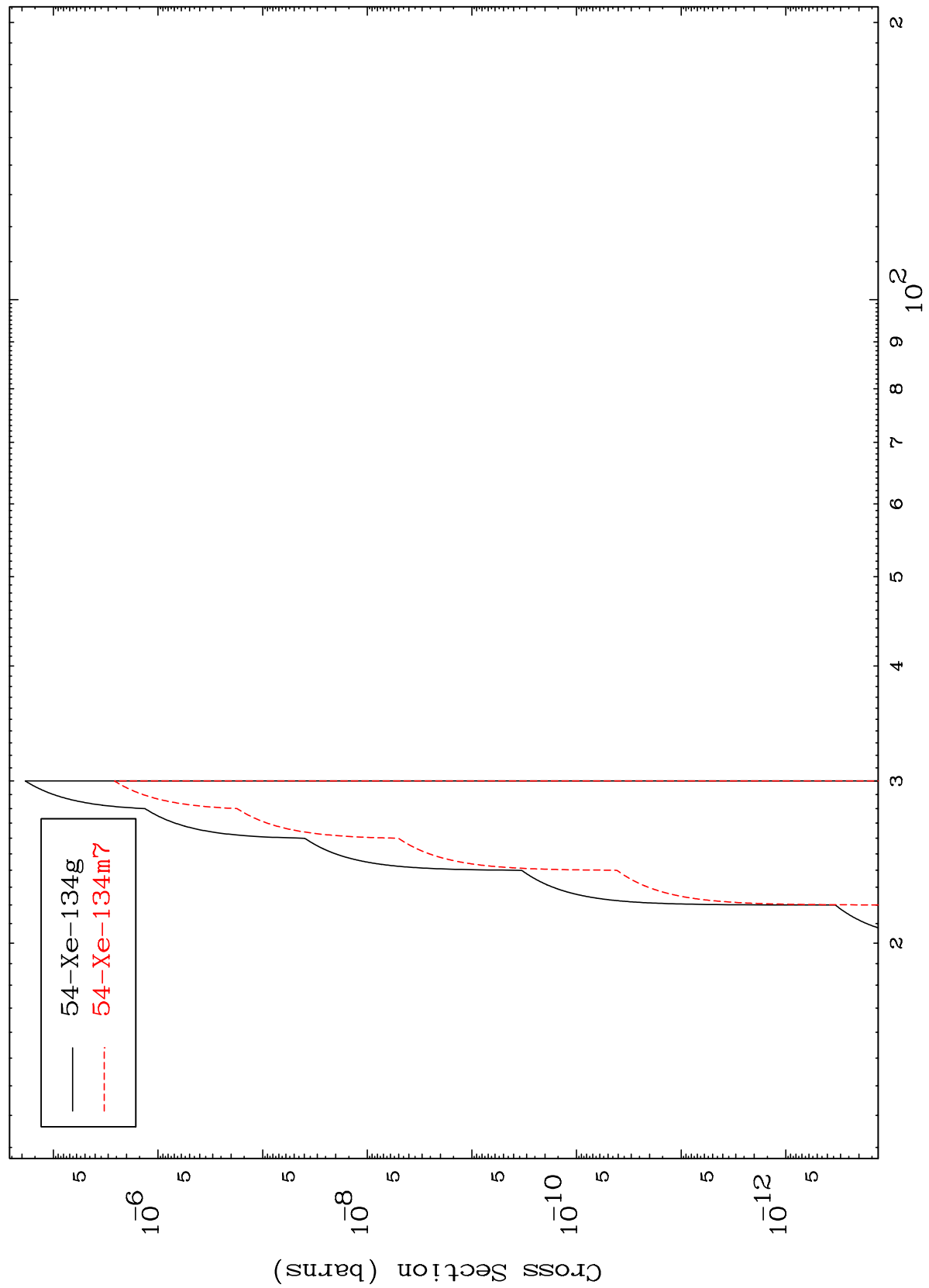
Incident Energy (MeV)

54-Xe-133m

MAT 5453

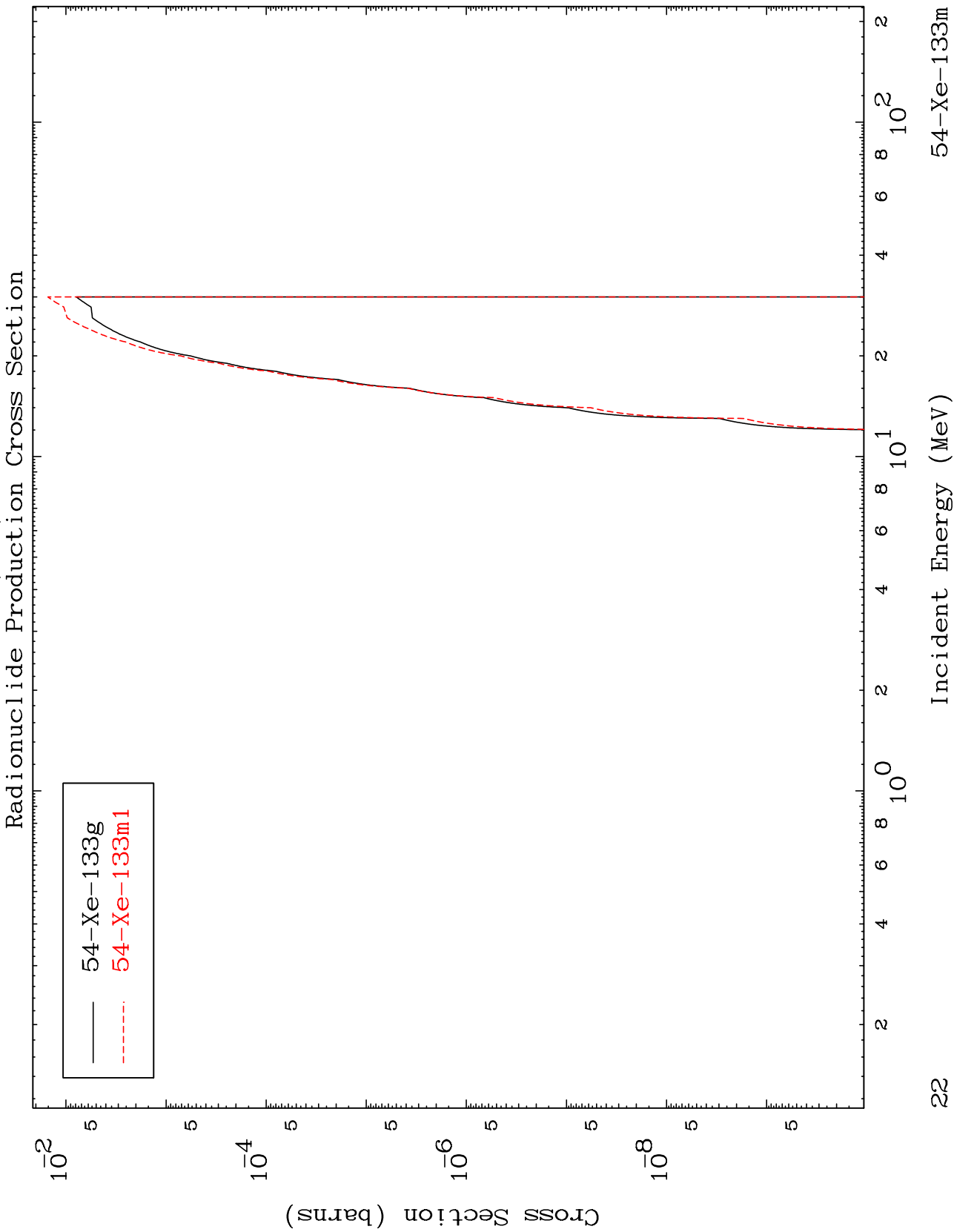
54-Xe-133m

(n,He-3)
Radionuclide Production Cross Section



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54-Xe-133m

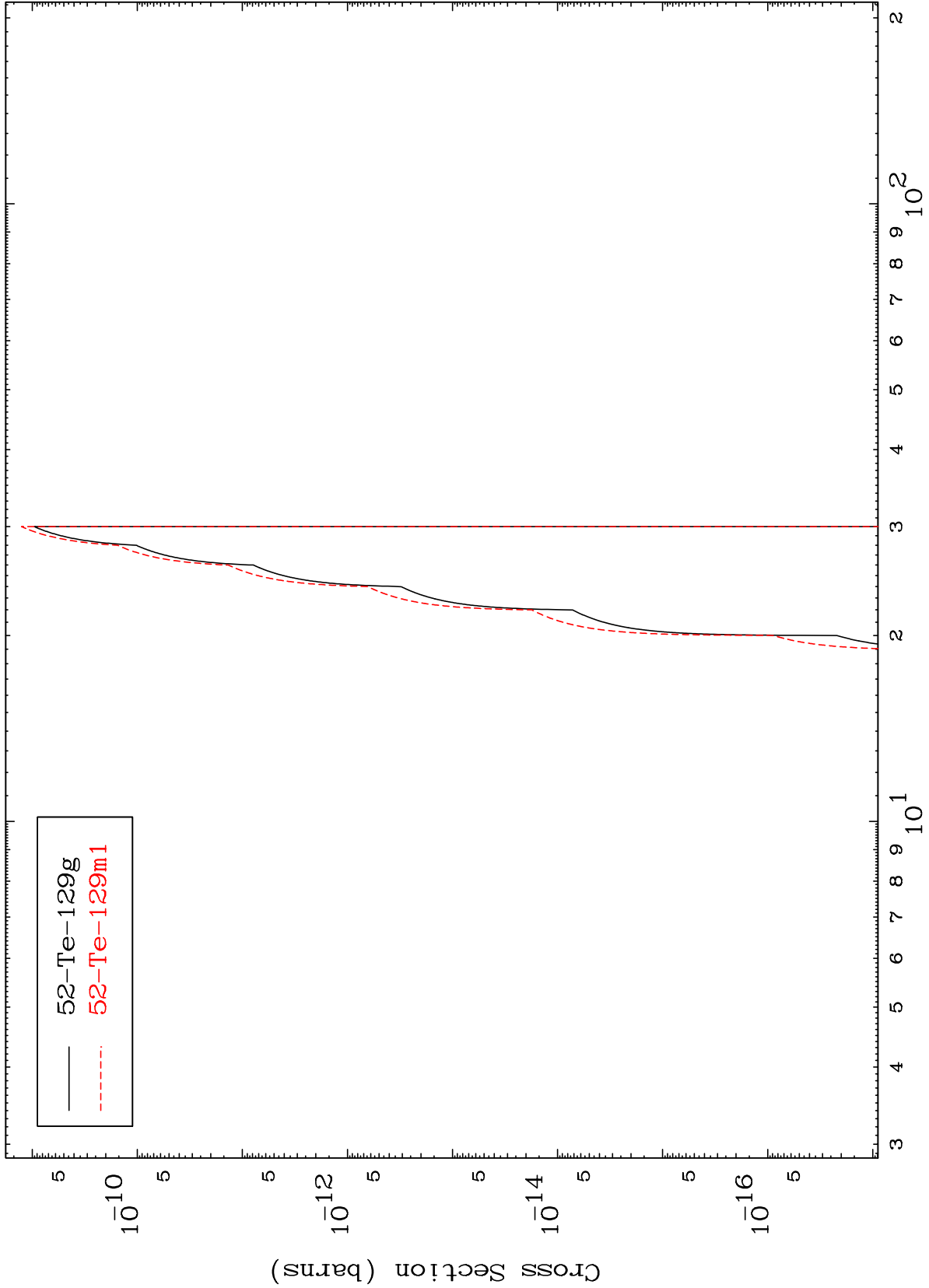


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(n, 2α)

54-Xe-133m

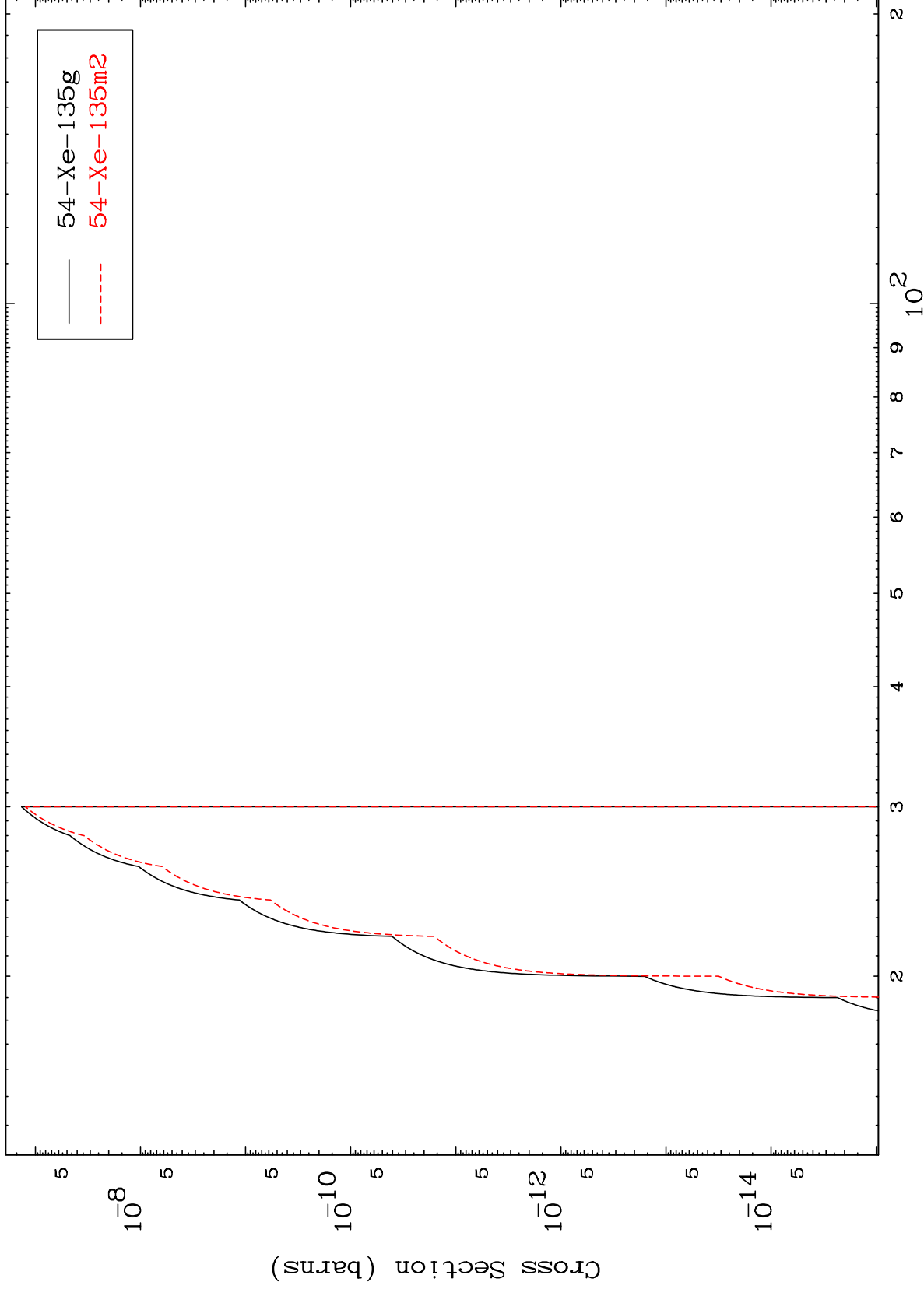
Radionuclide Production Cross Section



MAT 5453

54-Xe-133m

(n,2p)
Radionuclide Production Cross Section



24

Incident Energy (MeV)

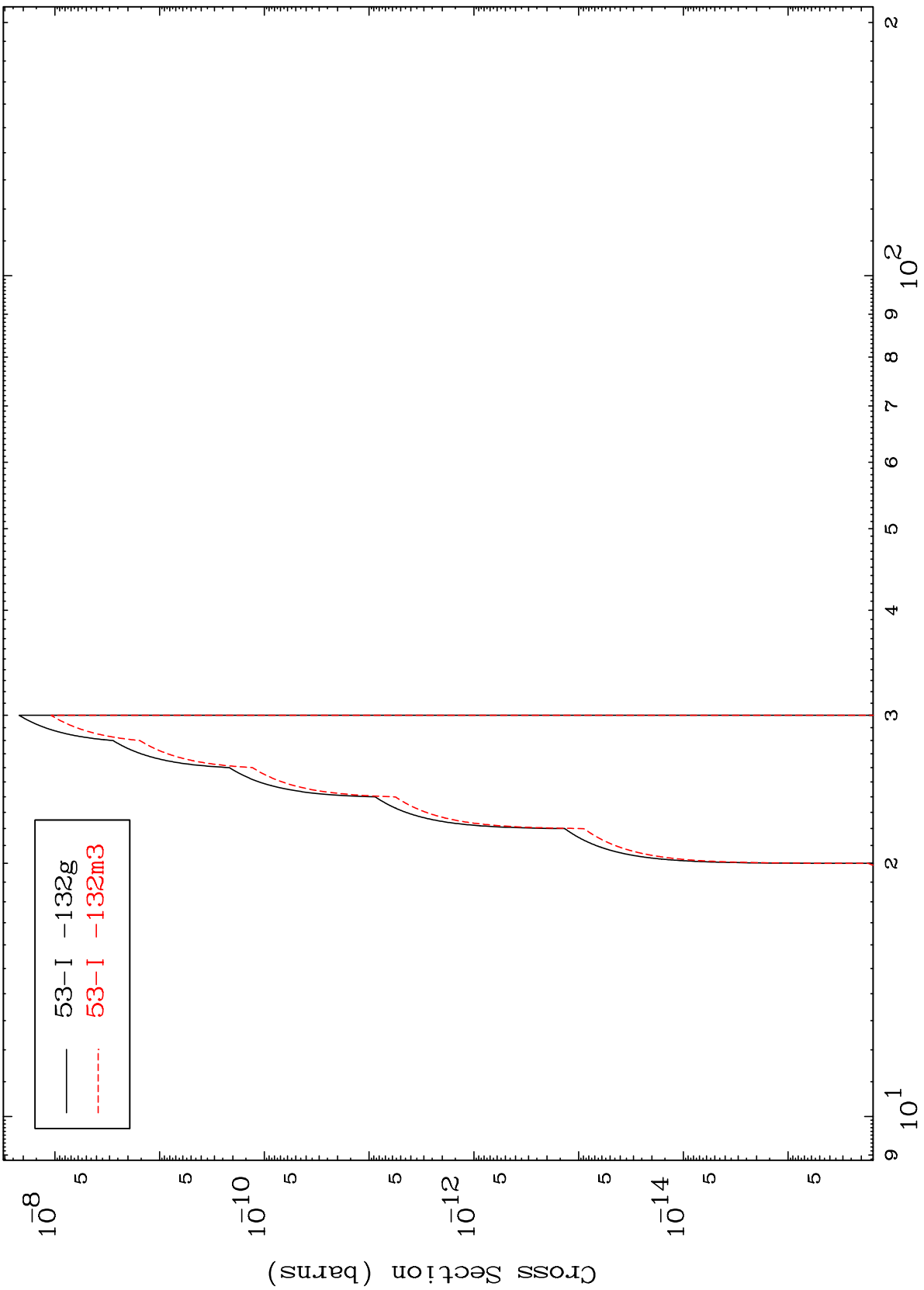
54-Xe-133m

MAT 5453

(n,p) α

54-Xe-133m

Radionuclide Production Cross Section



53-I -132g
53-I -132m3

25

Incident Energy (MeV)

54-Xe-133m