

Program EVALPLOT
(Version 2021-1)

by

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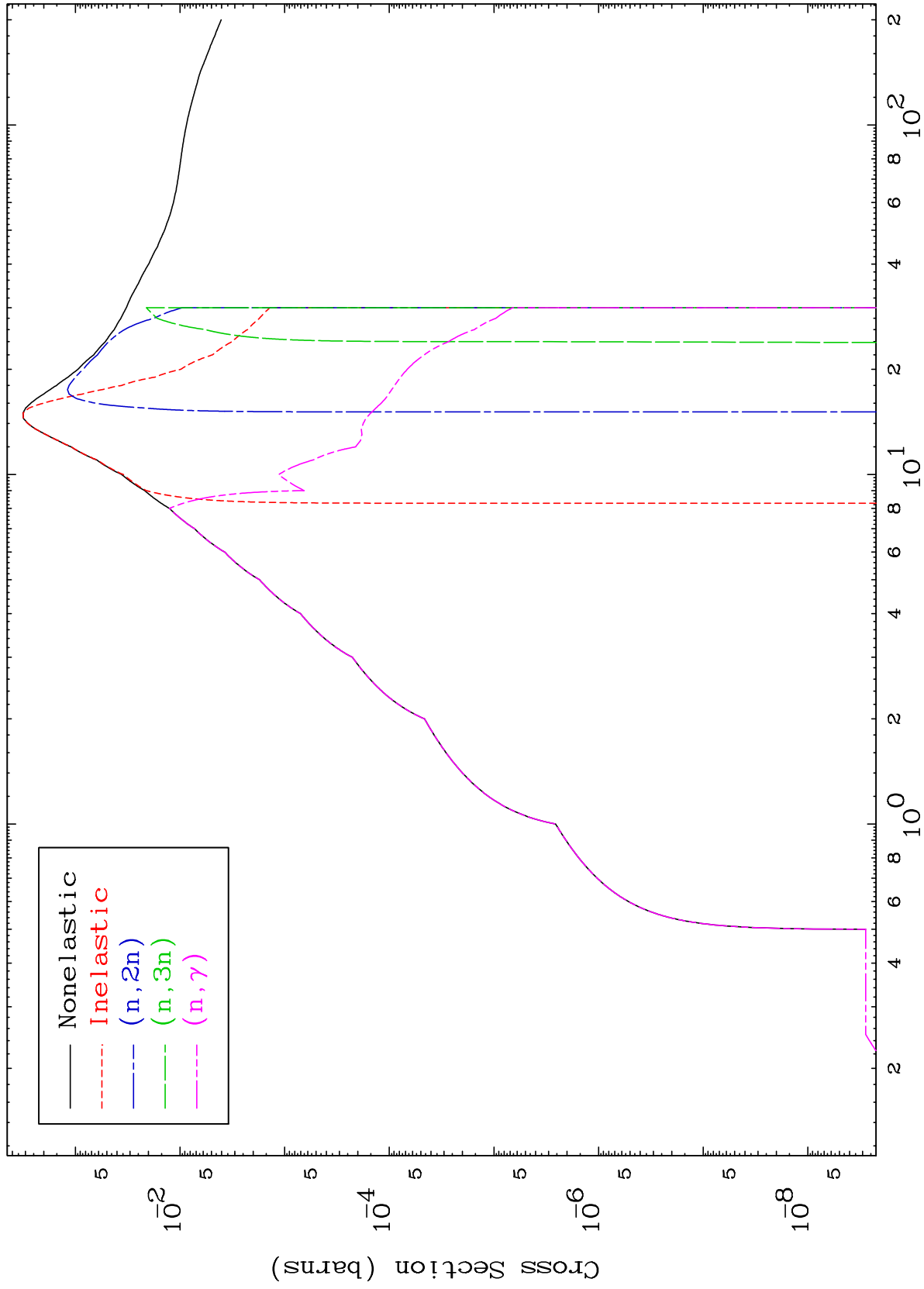
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

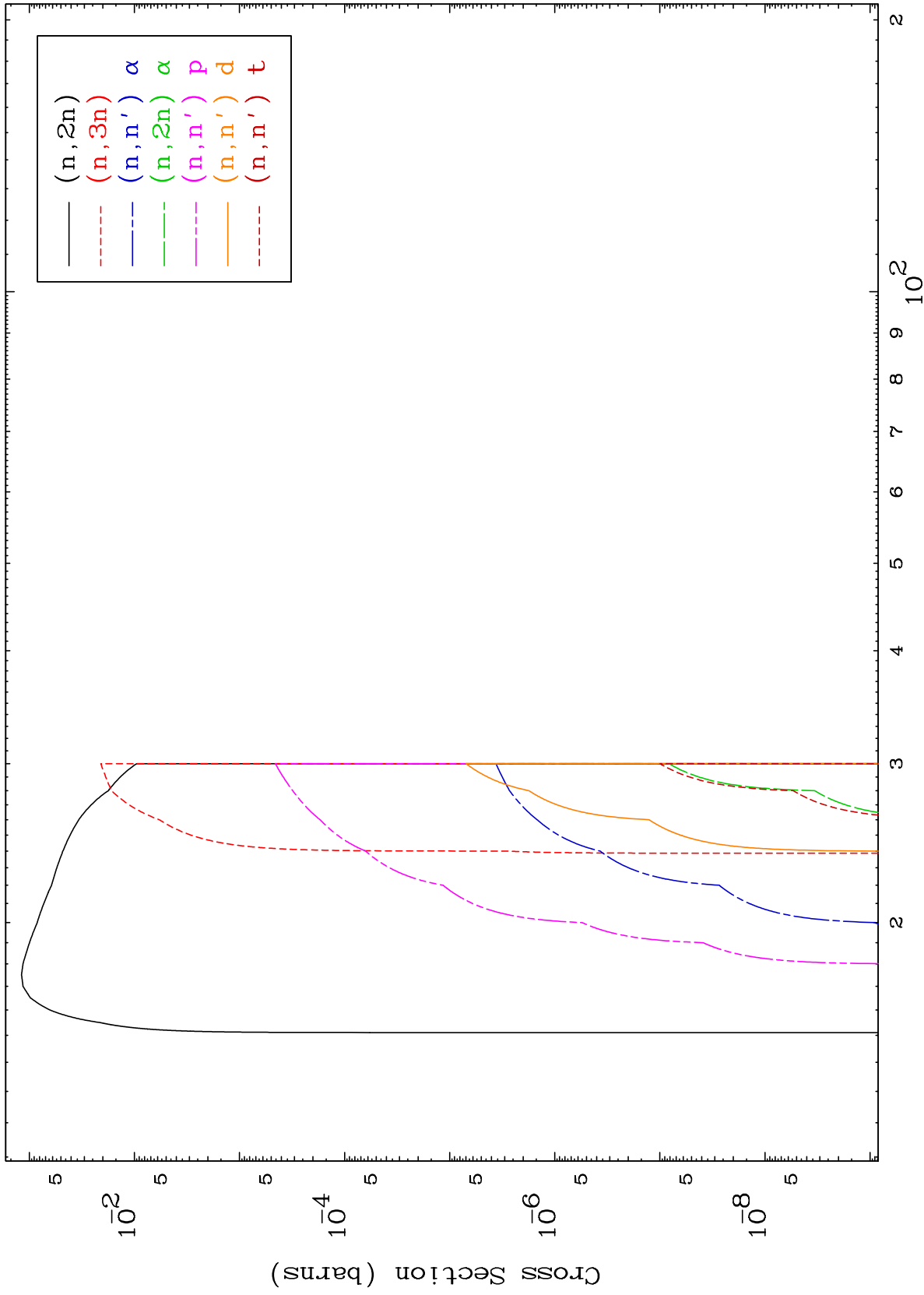
Press Mouse Button to Start

MAT 5537

0 Kelvin Major
Photon Cross Sections

55-Cs-137

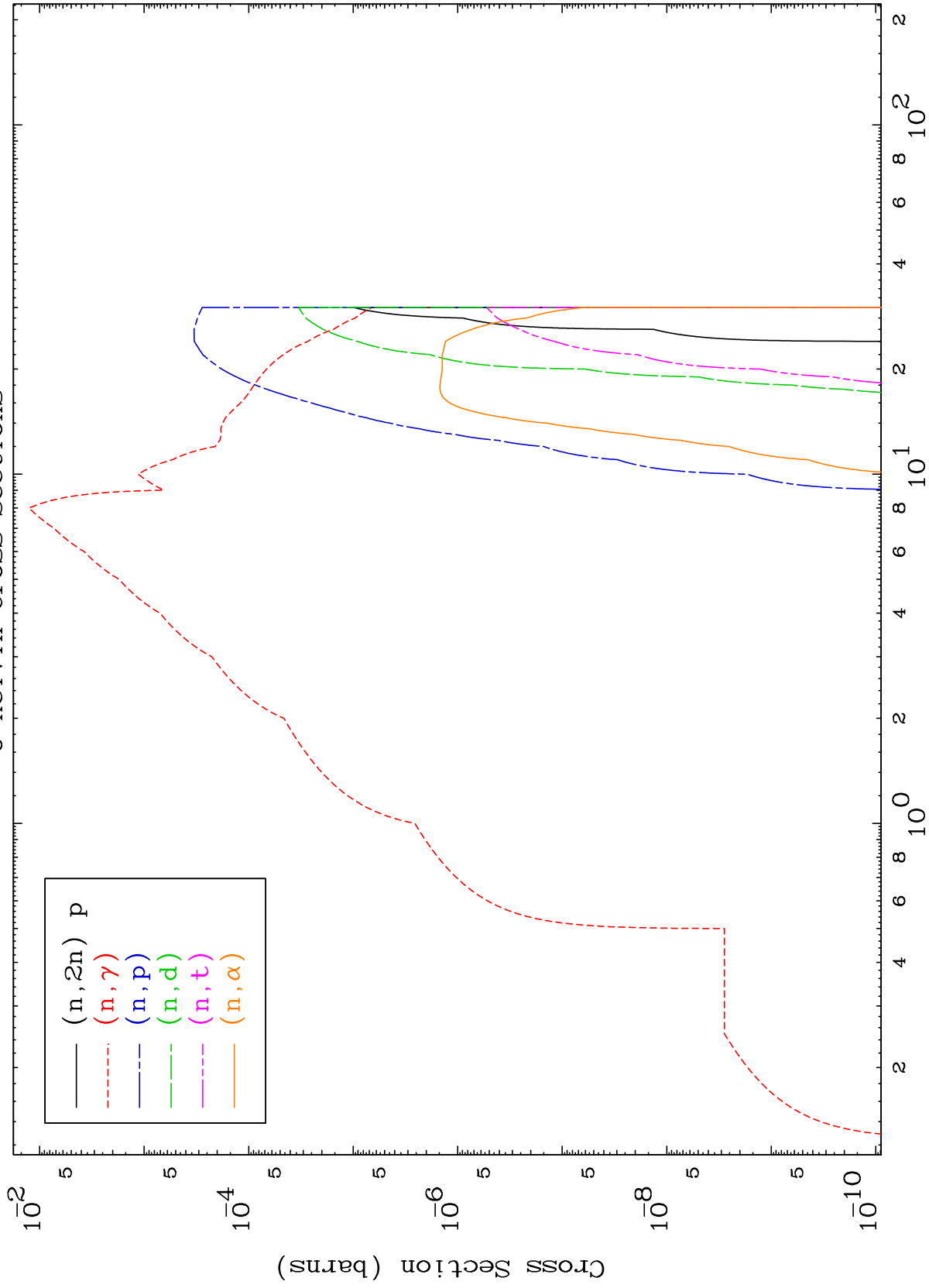




MAT 5537

Photon Neutron Absorption
0 Kelvin Cross Sections

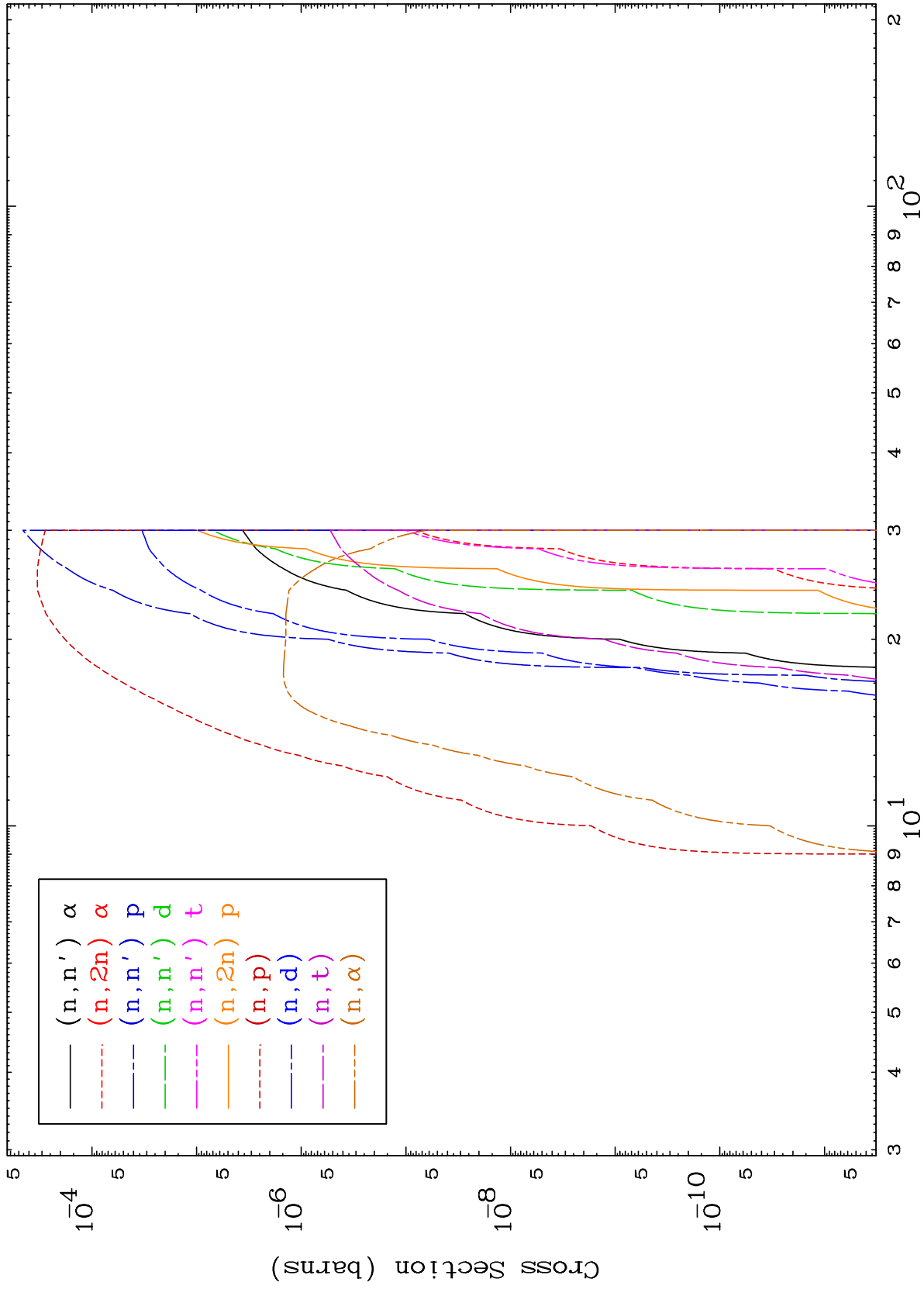
55-Cs-137



3

Incident Energy (MeV)

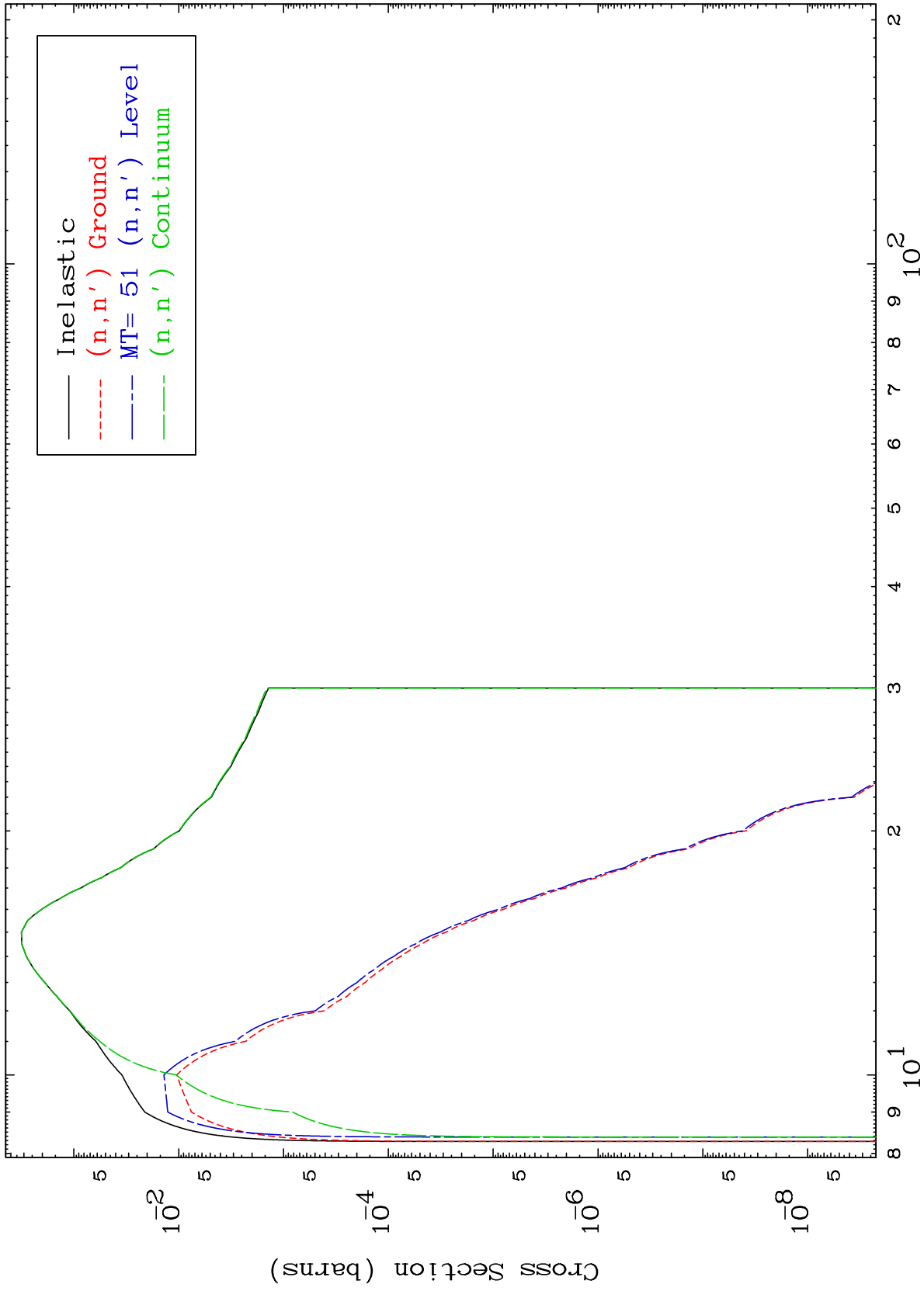
55-Cs-137



MAT 5537

(γ, n') Levels
0 Kelvin Cross Sections

55-Cs-137



5

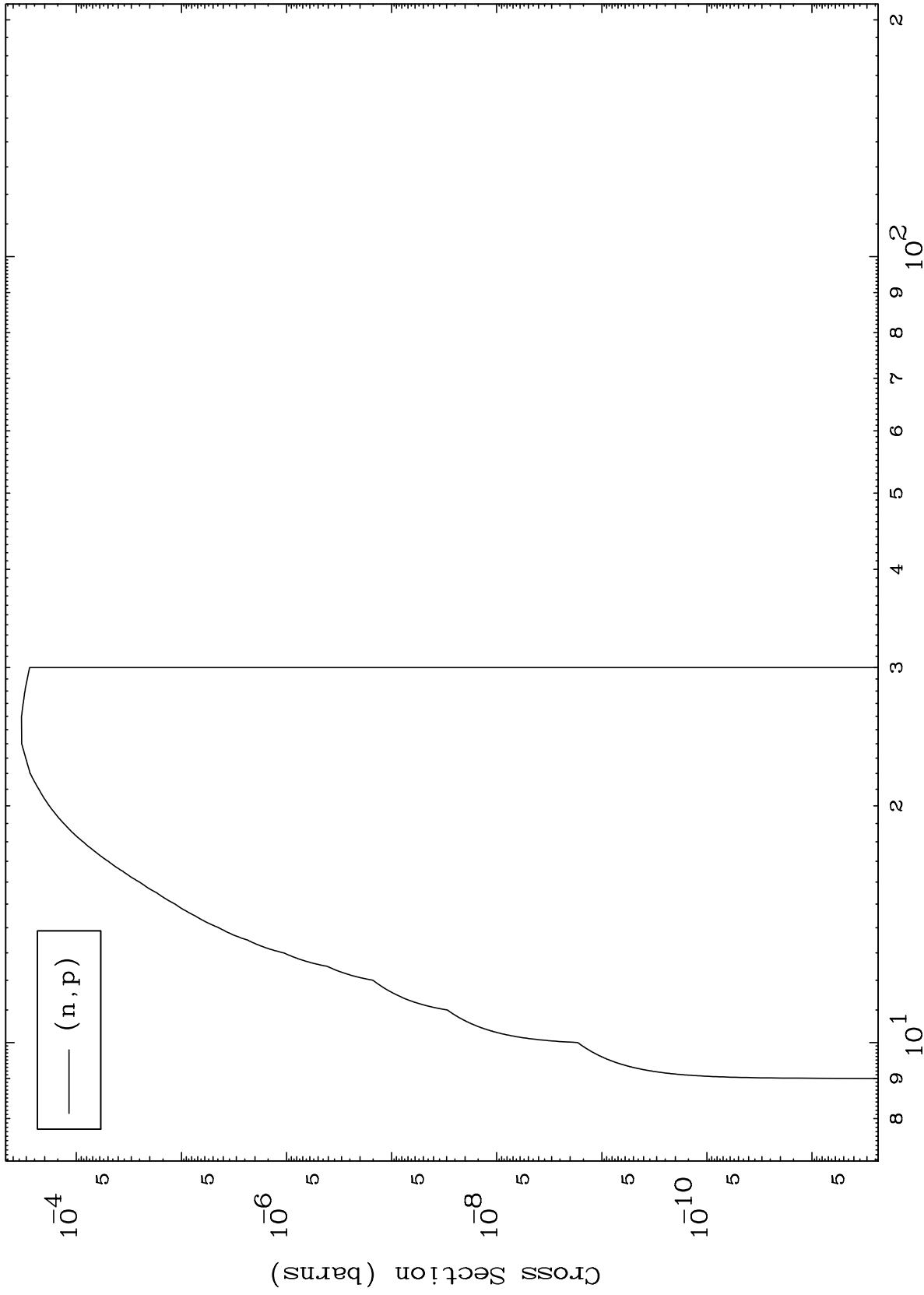
Incident Energy (MeV)

55-Cs-137

MAT 5537

(γ, p) Levels
0 Kelvin Cross Sections

55-Cs-137



6

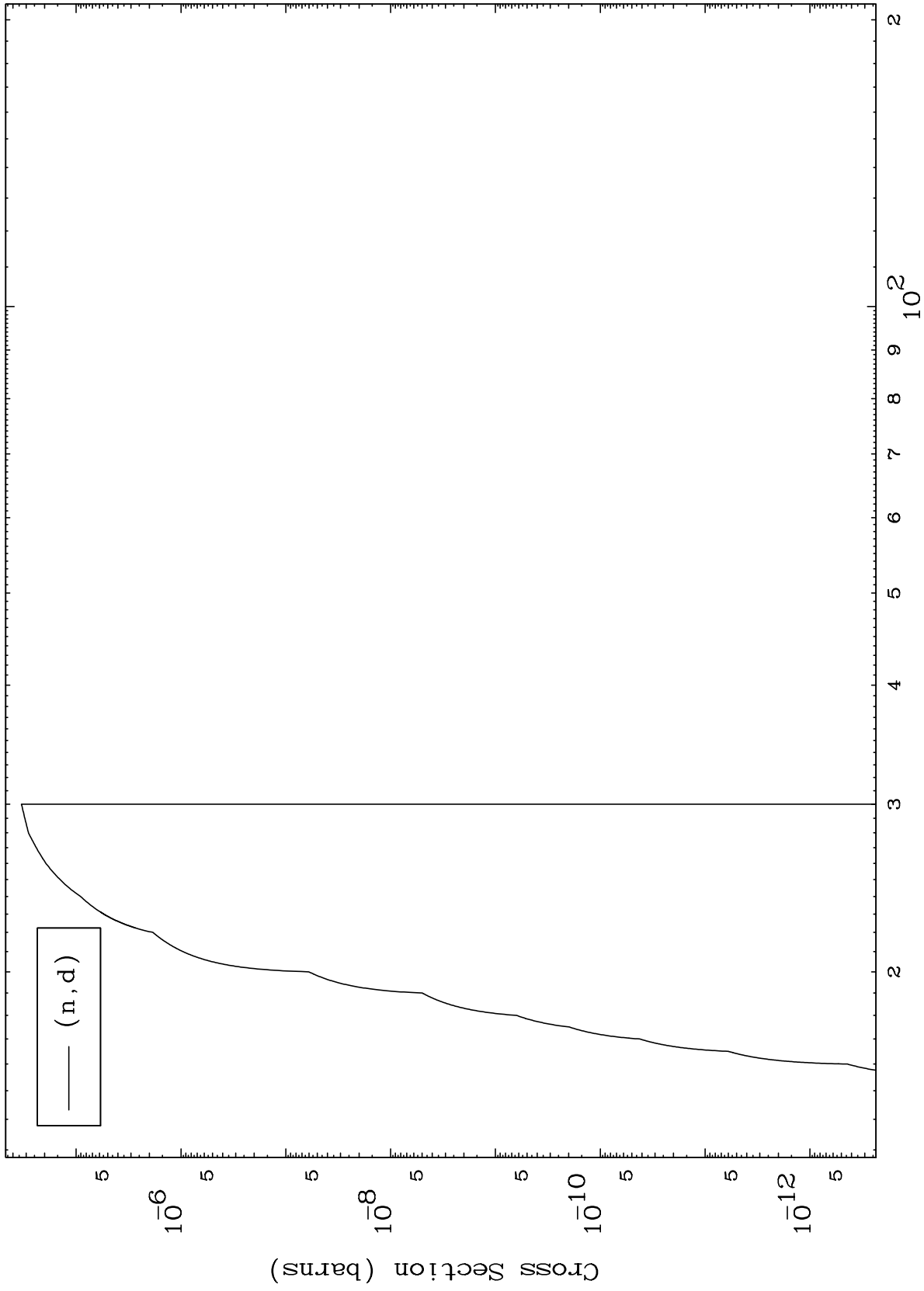
Incident Energy (MeV)

55-Cs-137

MAT 5537

(γ, d) Levels
0 Kelvin Cross Sections

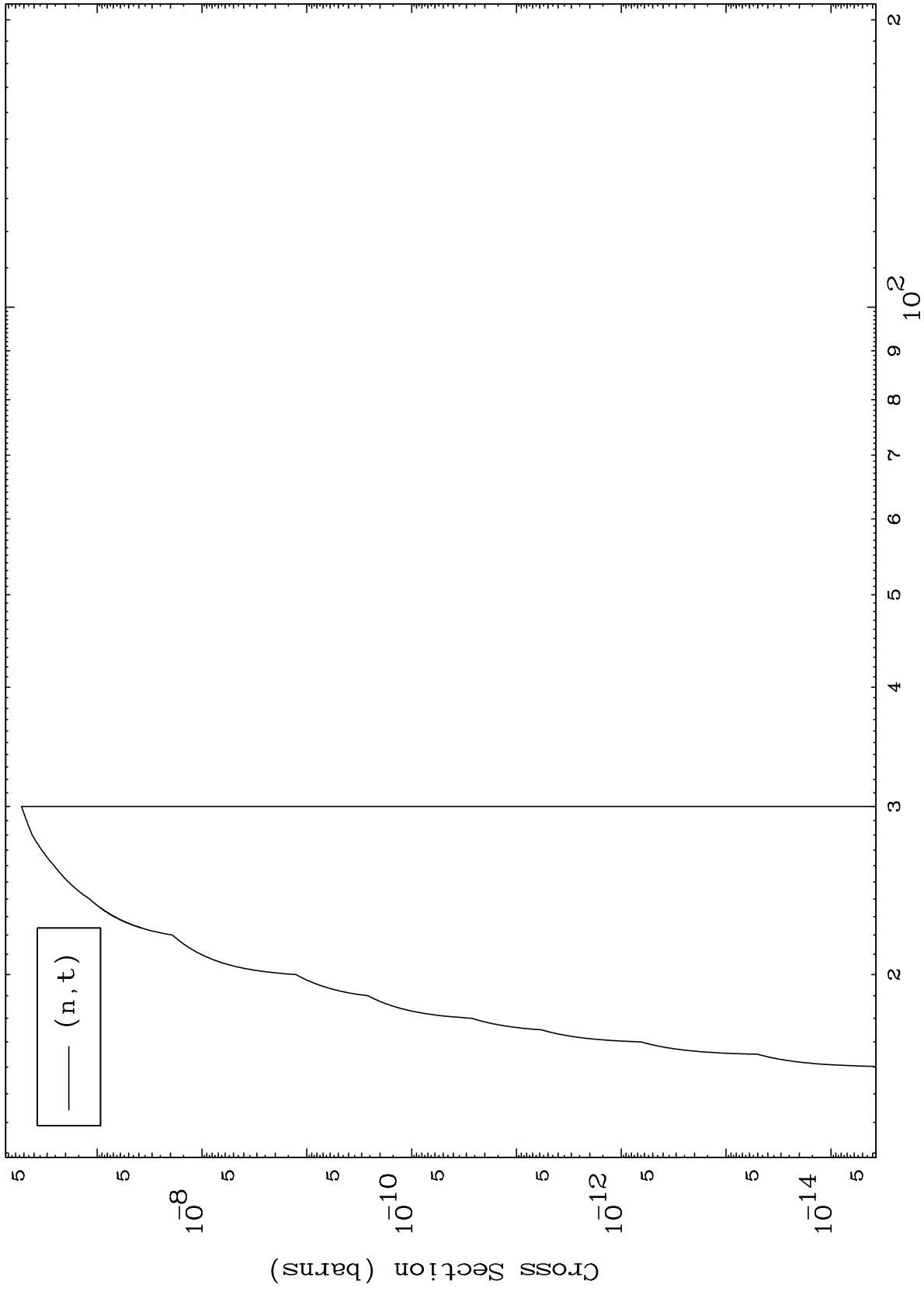
55-Cs-137



7

Incident Energy (MeV)

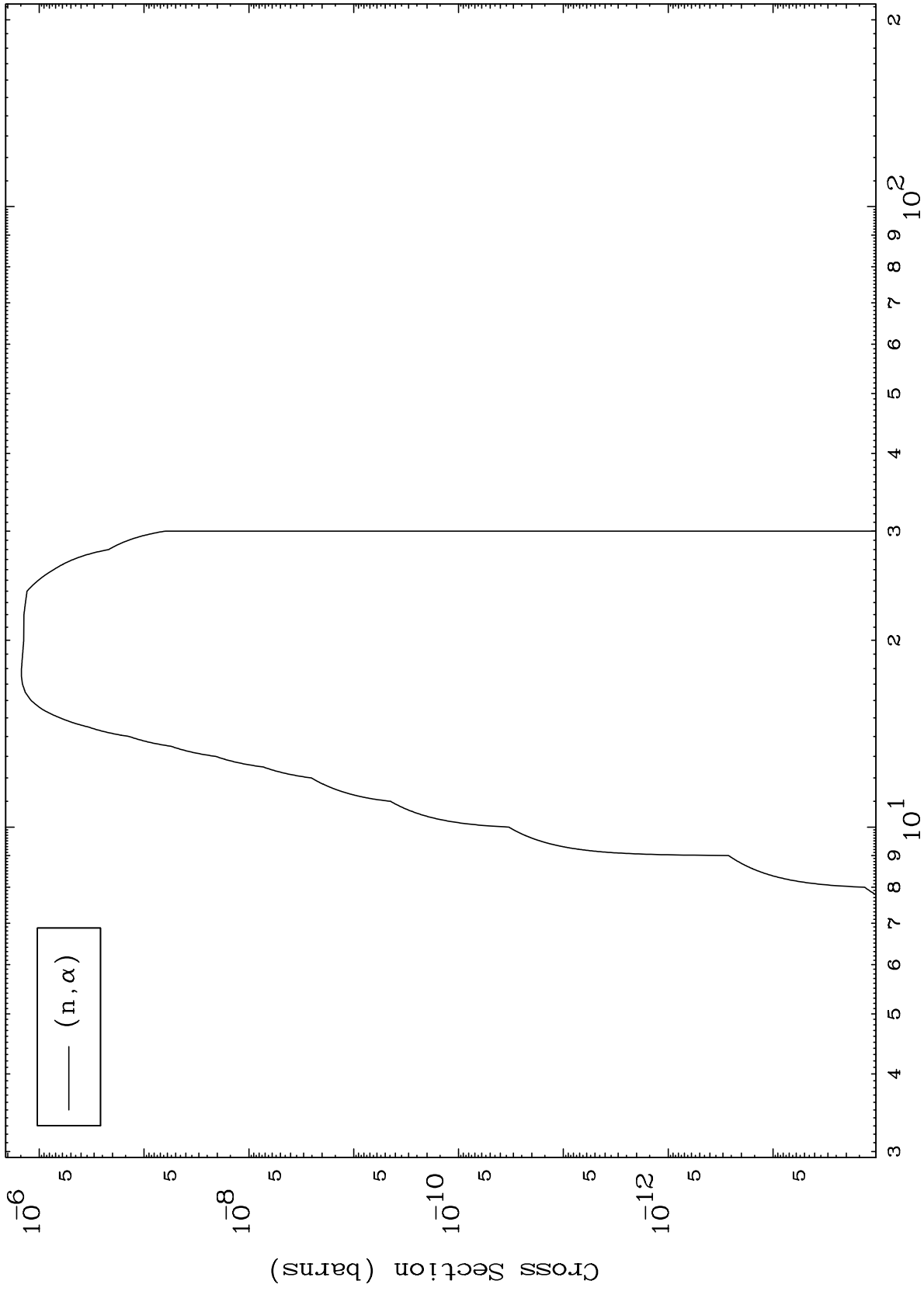
55-Cs-137



MAT 5537

(γ, α) Levels
0 Kelvin Cross Sections

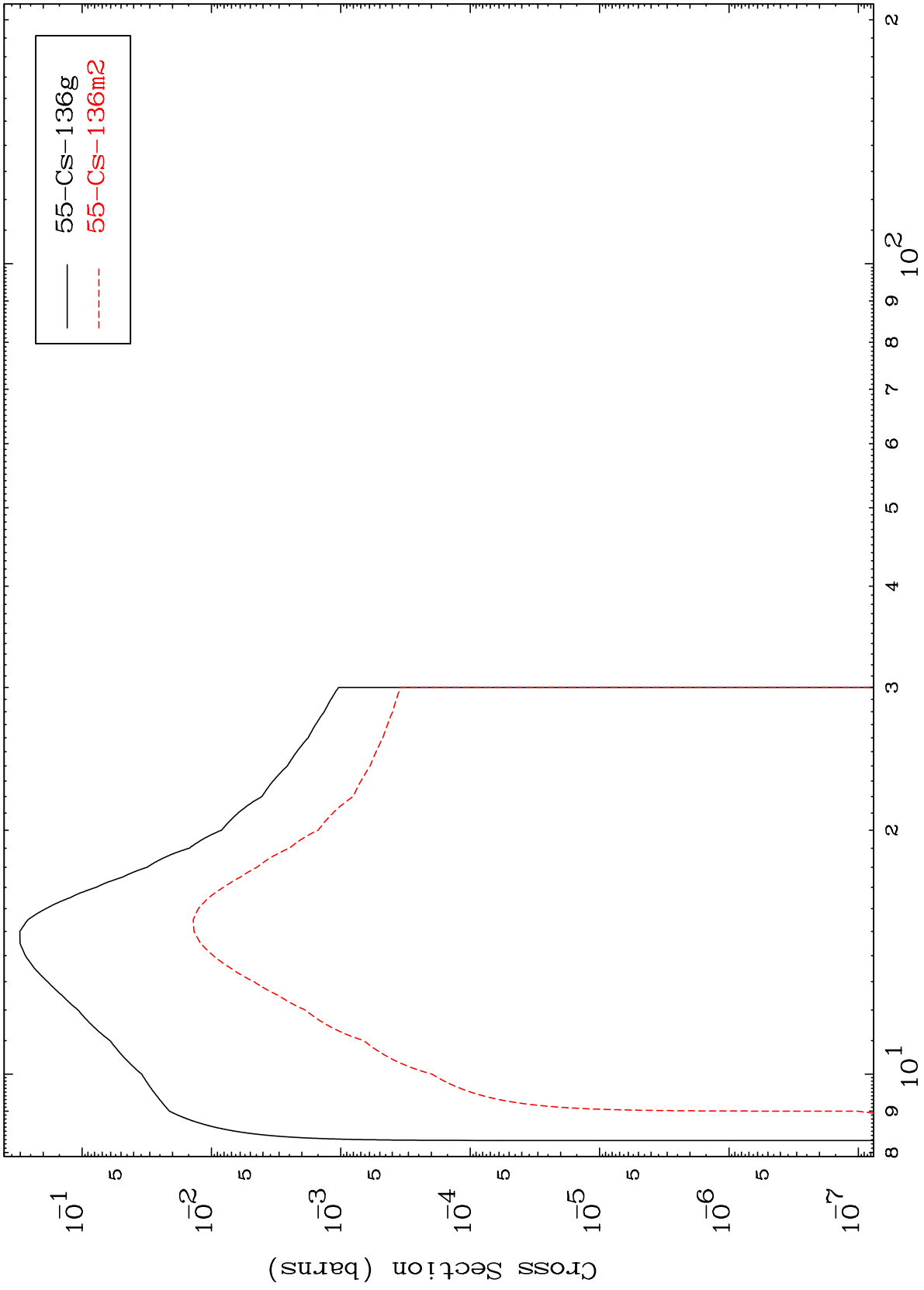
55-Cs-137



MAT 5537

Inelastic
Radionuclide Production Cross Section

55-Cs-137



55-Cs-137

Incident Energy (MeV)

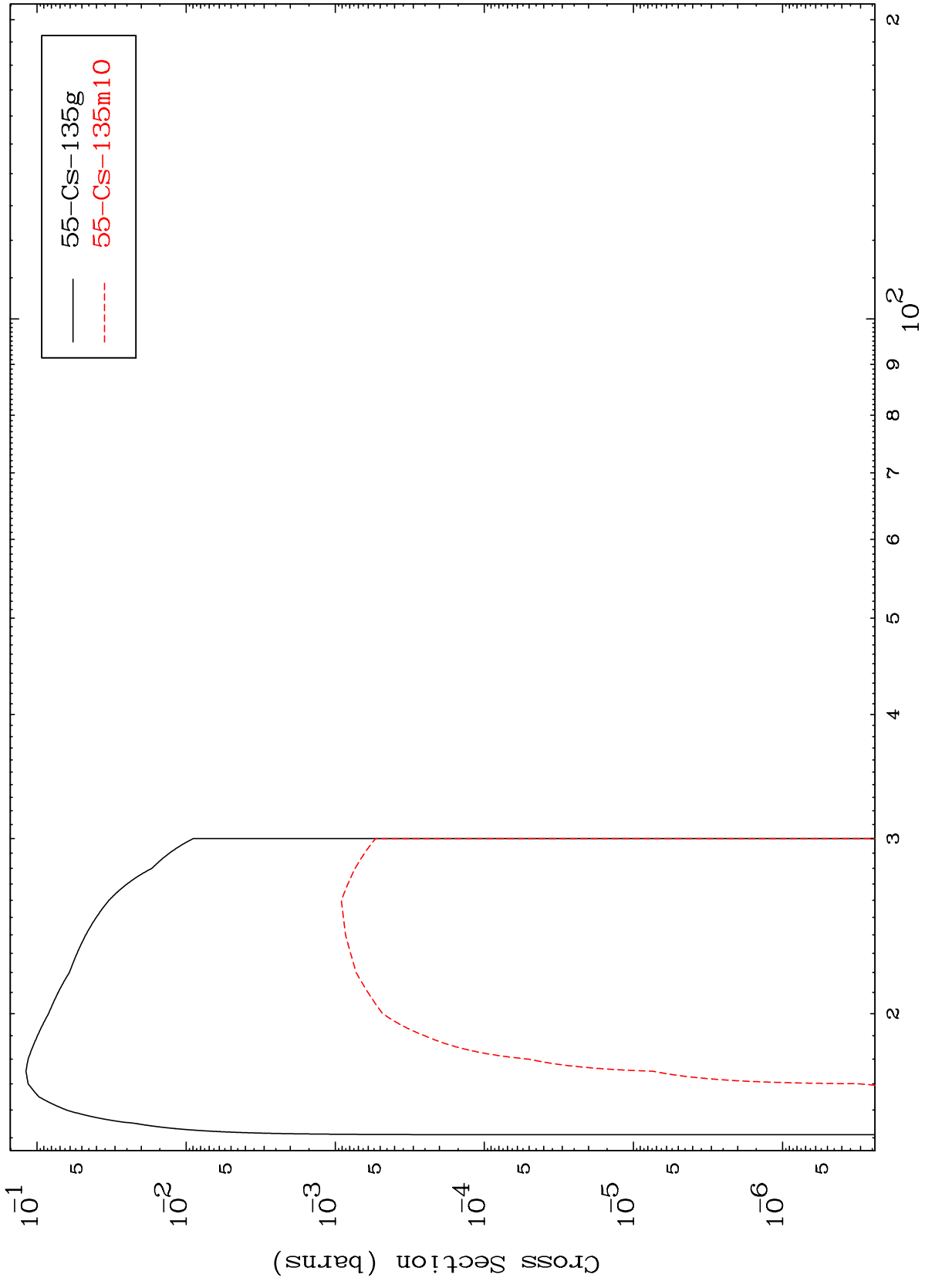
10

MAT 5537

(n,2n)

55-Cs-137

Radionuclide Production Cross Section

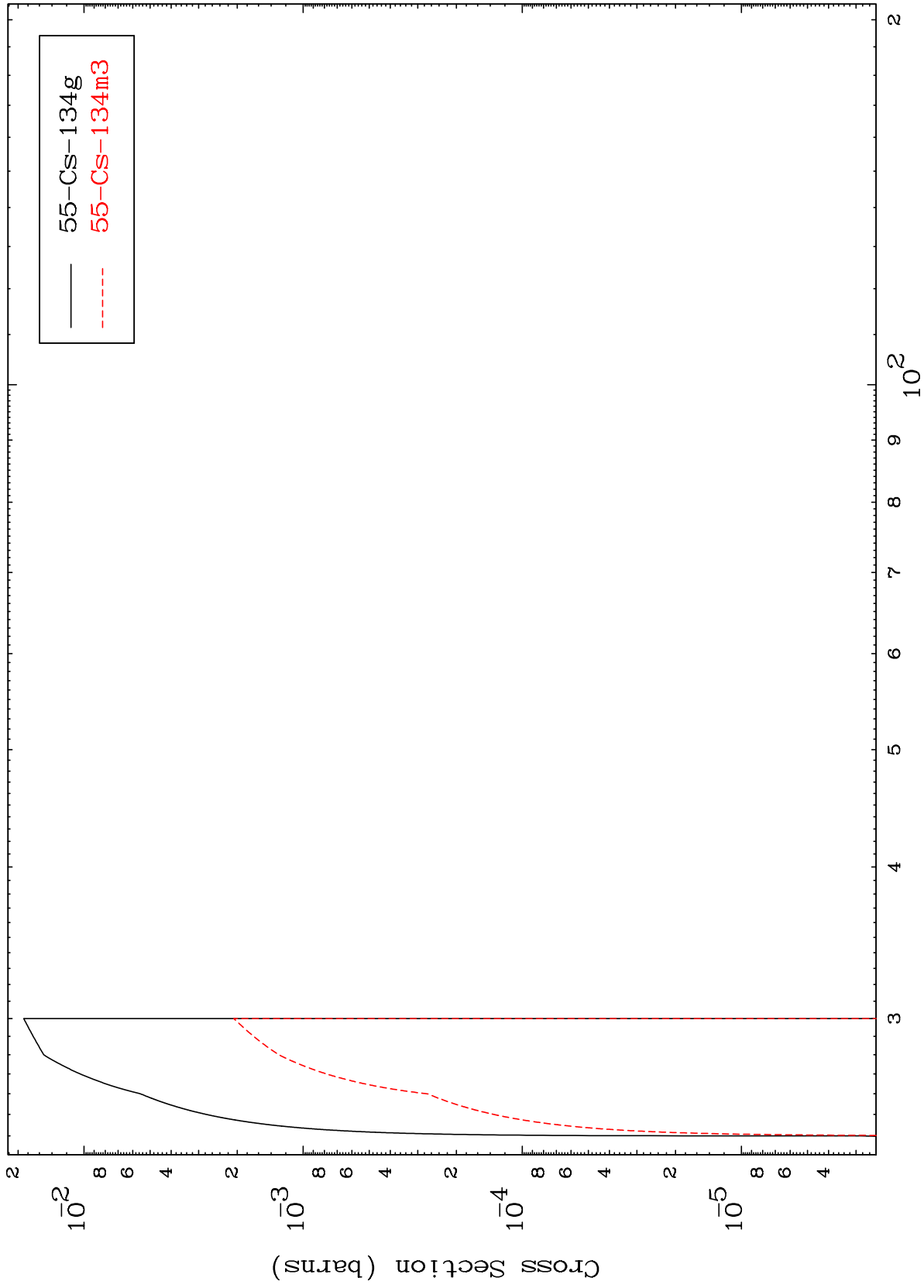


55-Cs-135g
55-Cs-135m10

MAT 5537

55-Cs-137

(n,3n)
Radionuclide Production Cross Section



12

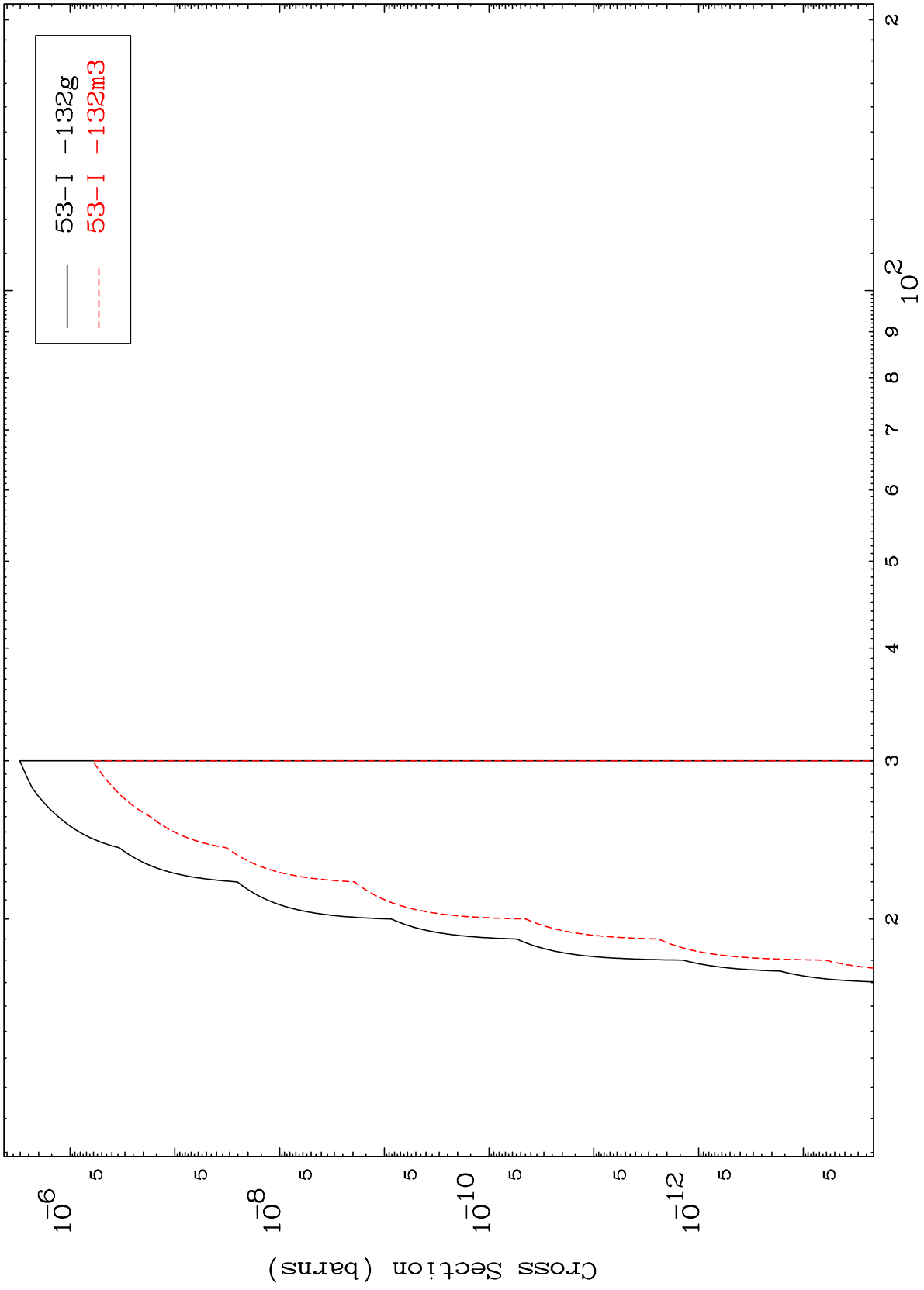
55-Cs-137

MAT 5537

(n,n') α

55-Cs-137

Radionuclide Production Cross Section



13

Incident Energy (MeV)

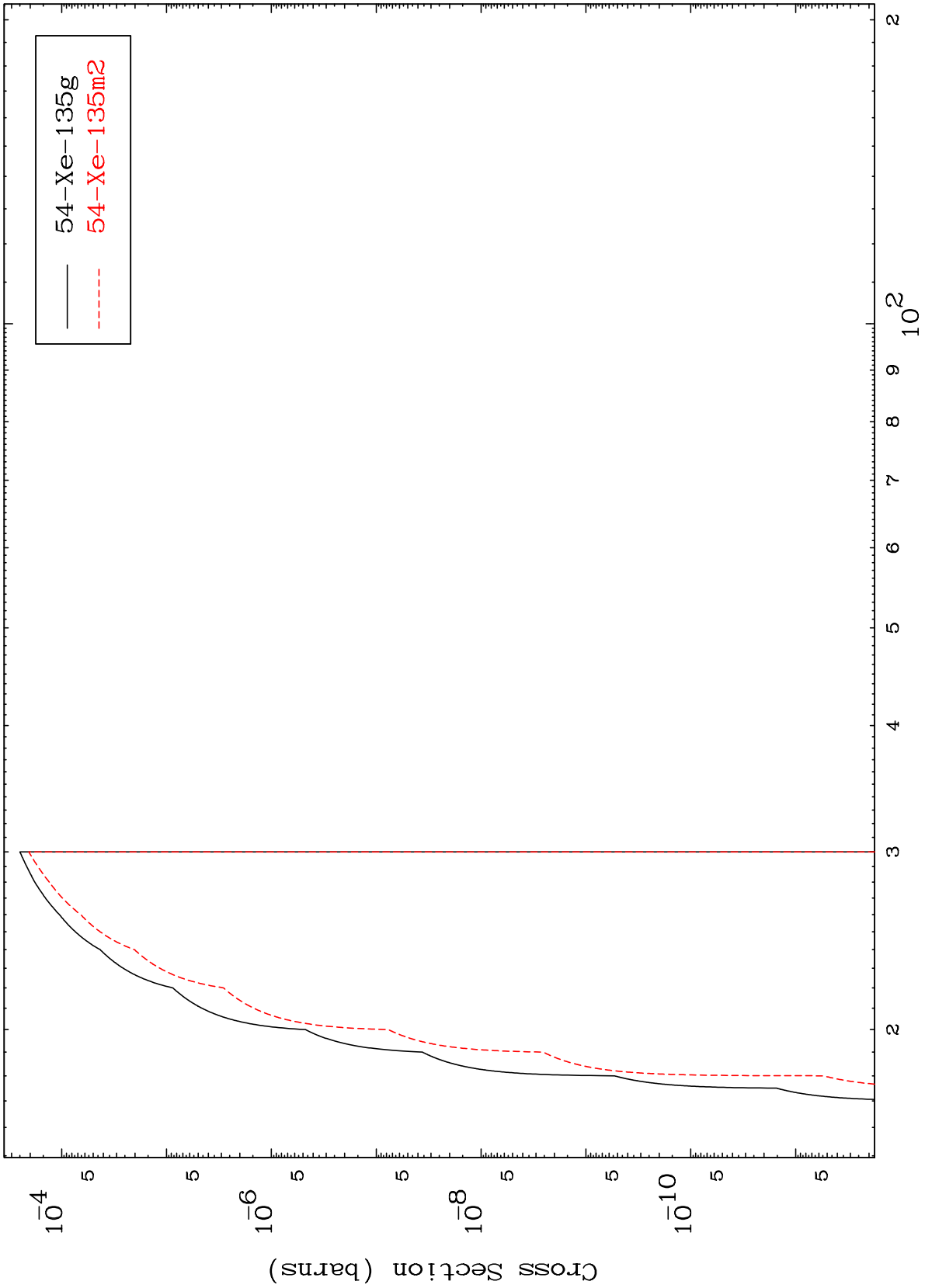
55-Cs-137

MAT 5537

(n,n') p

55-Cs-137

Radionuclide Production Cross Section



14

Incident Energy (MeV)

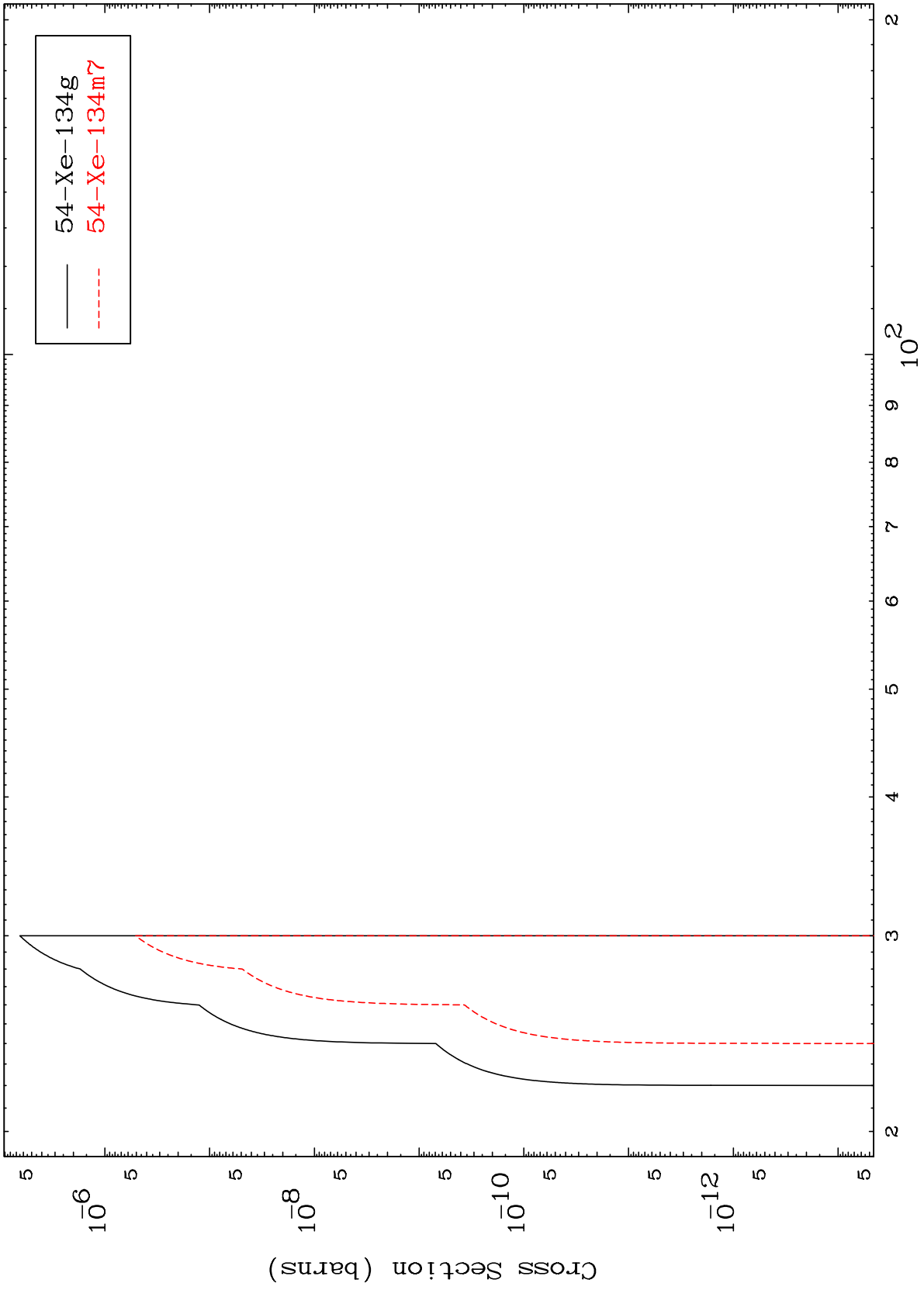
55-Cs-137

MAT 5537

(n,n') d

55-Cs-137

Radionuclide Production Cross Section



15

Incident Energy (MeV)

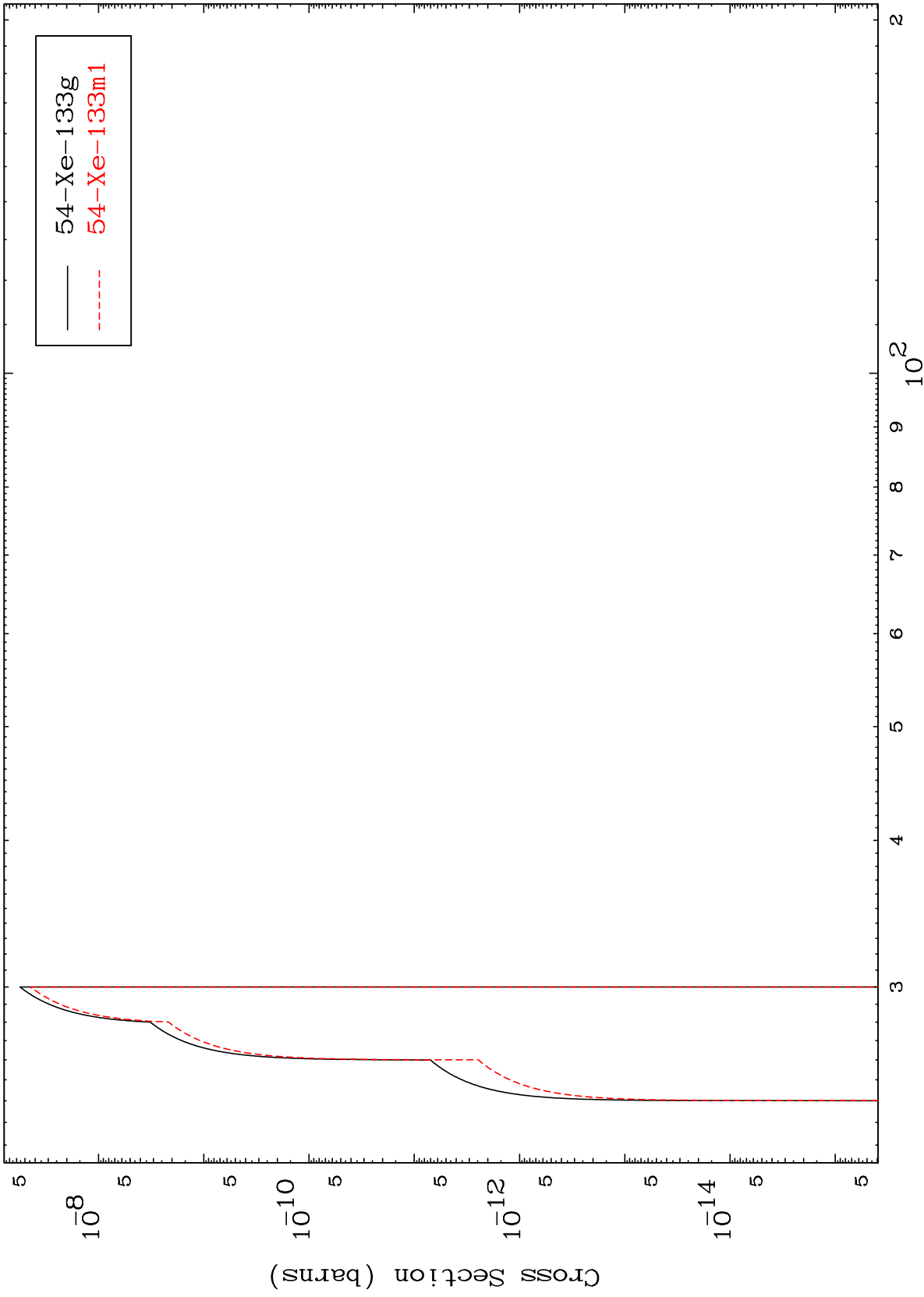
55-Cs-137

MAT 5537

(n,n') t

55-Cs-137

Radionuclide Production Cross Section



16

Incident Energy (MeV)

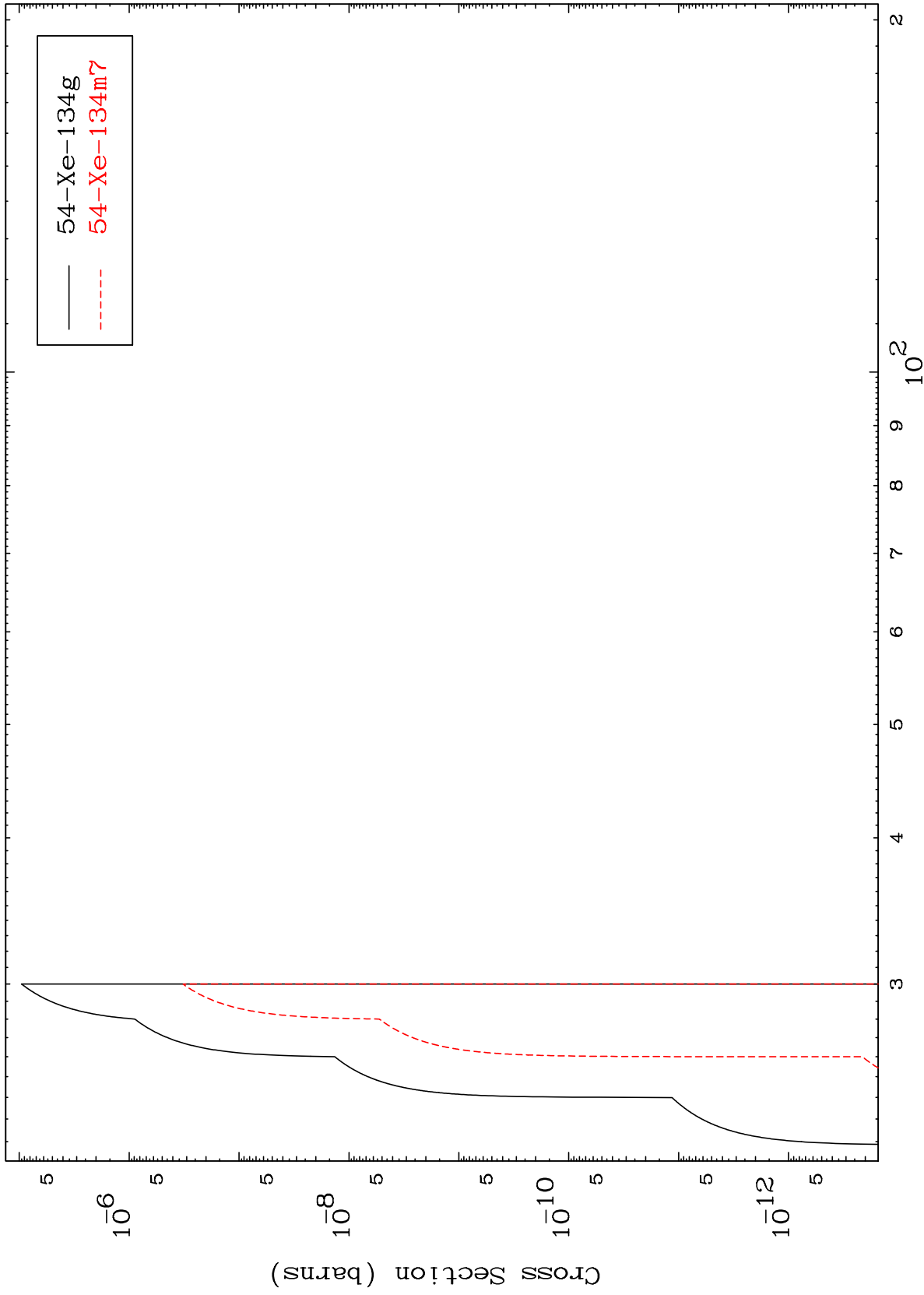
55-Cs-137

MAT 5537

(n,2n) p

55-Cs-137

Radionuclide Production Cross Section



17

Incident Energy (MeV)

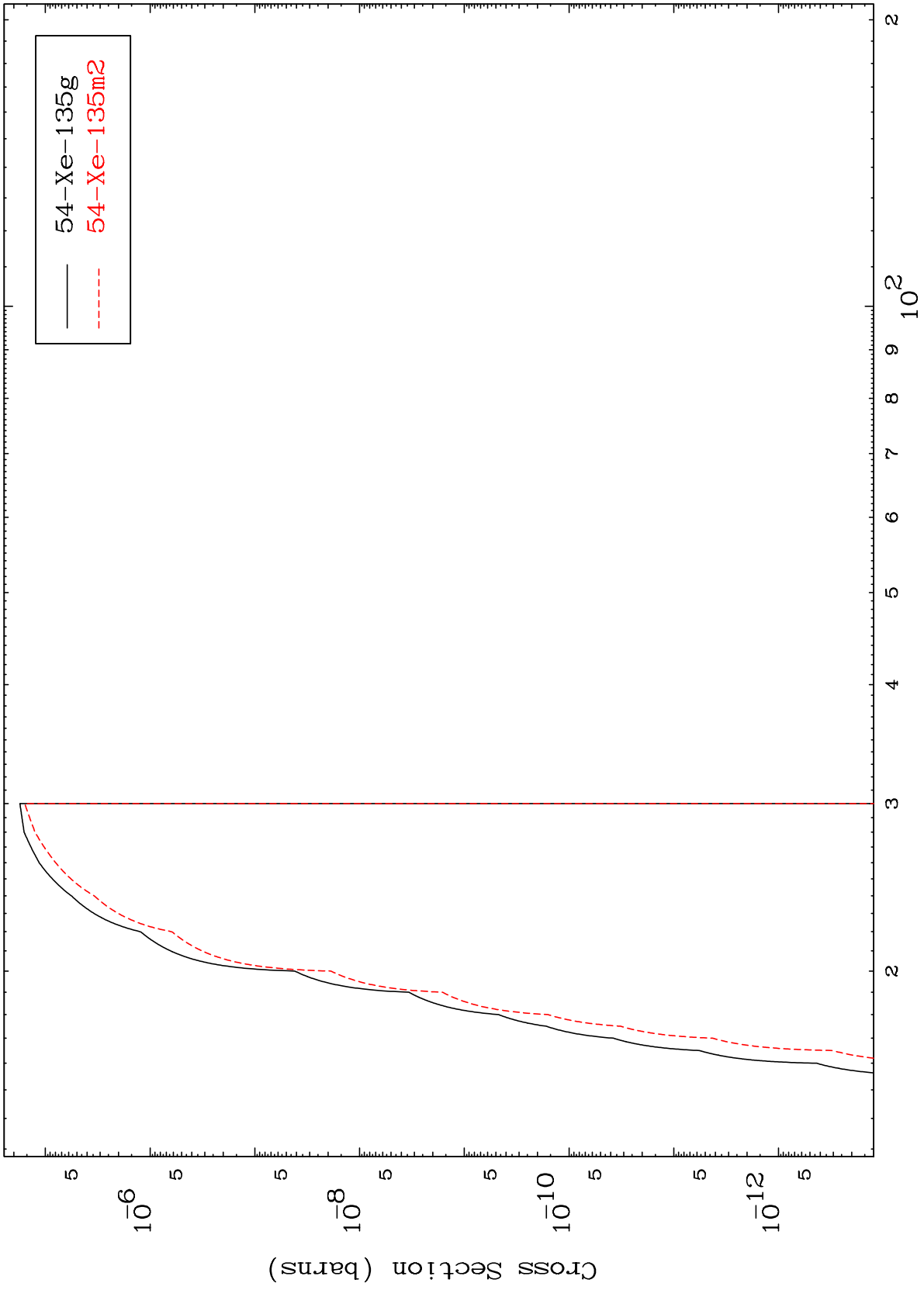
55-Cs-137

MAT 5537

(n,d)

55-Cs-137

Radionuclide Production Cross Section



18

Incident Energy (MeV)

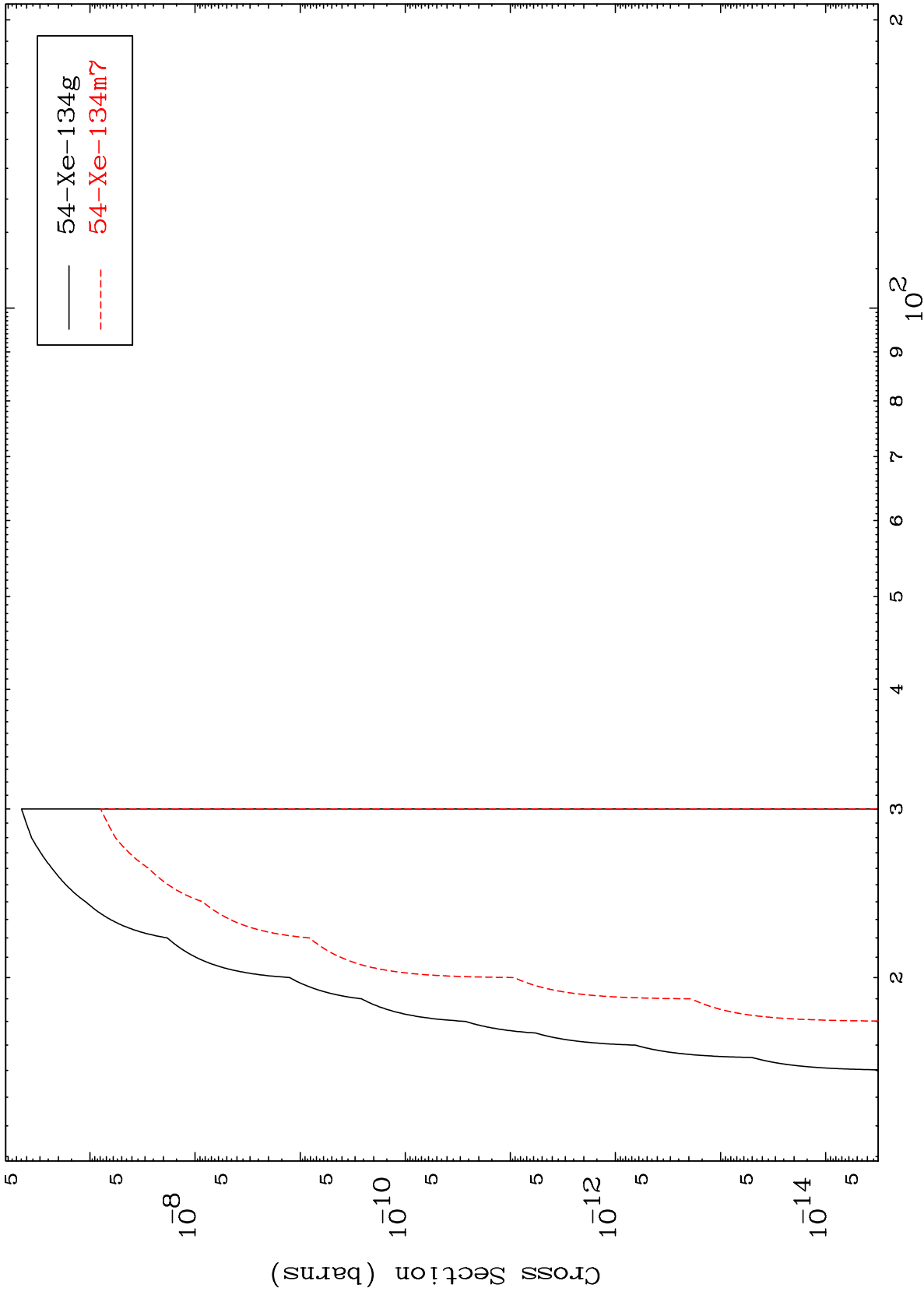
55-Cs-137

MAT 5537

(n, t)

55-Cs-137

Radionuclide Production Cross Section



19

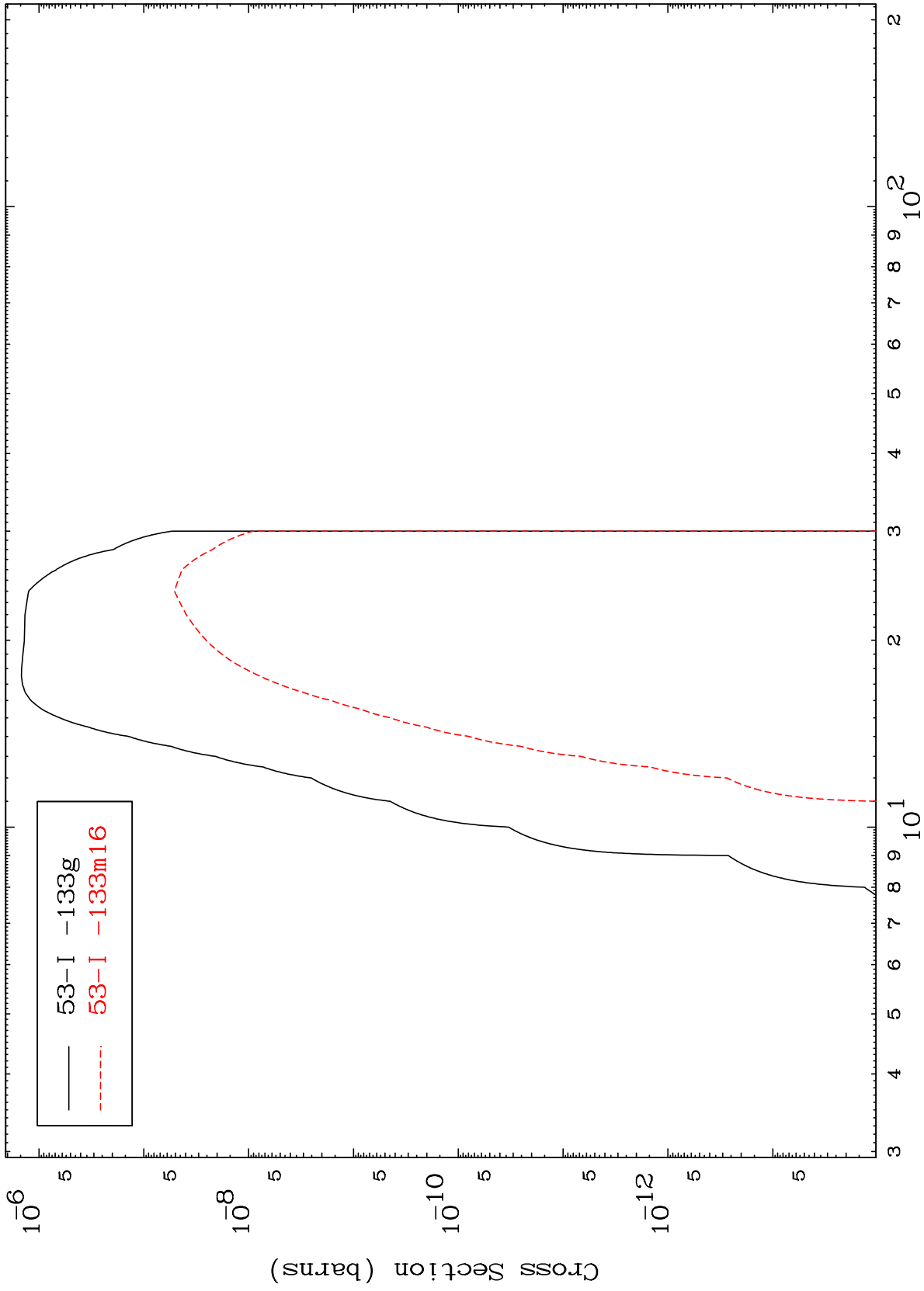
Incident Energy (MeV)

55-Cs-137

MAT 5537

55-Cs-137

(n,α)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

55-Cs-137