

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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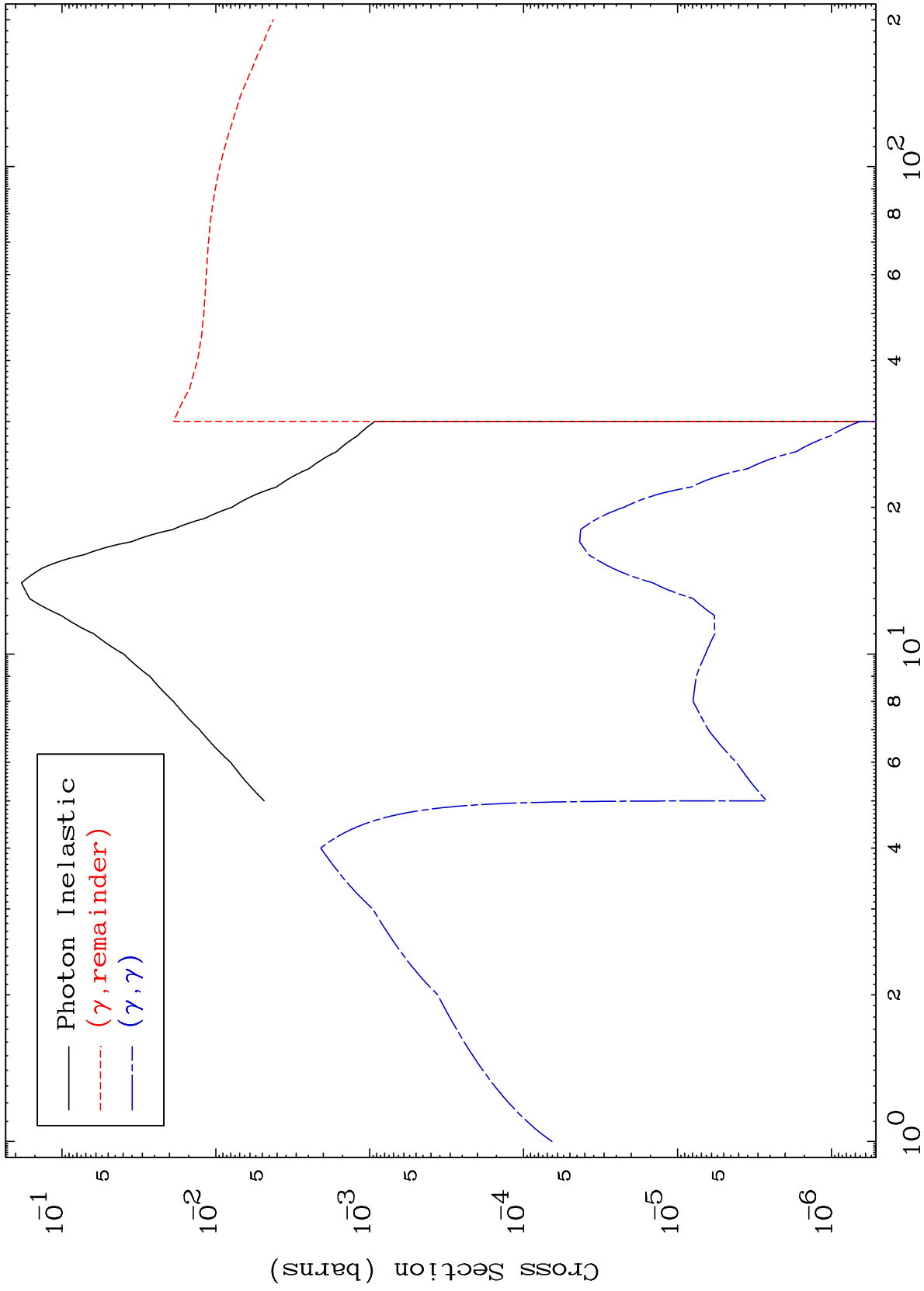
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5540

Photon Major
0 Kelvin Cross Sections

55-Cs-138



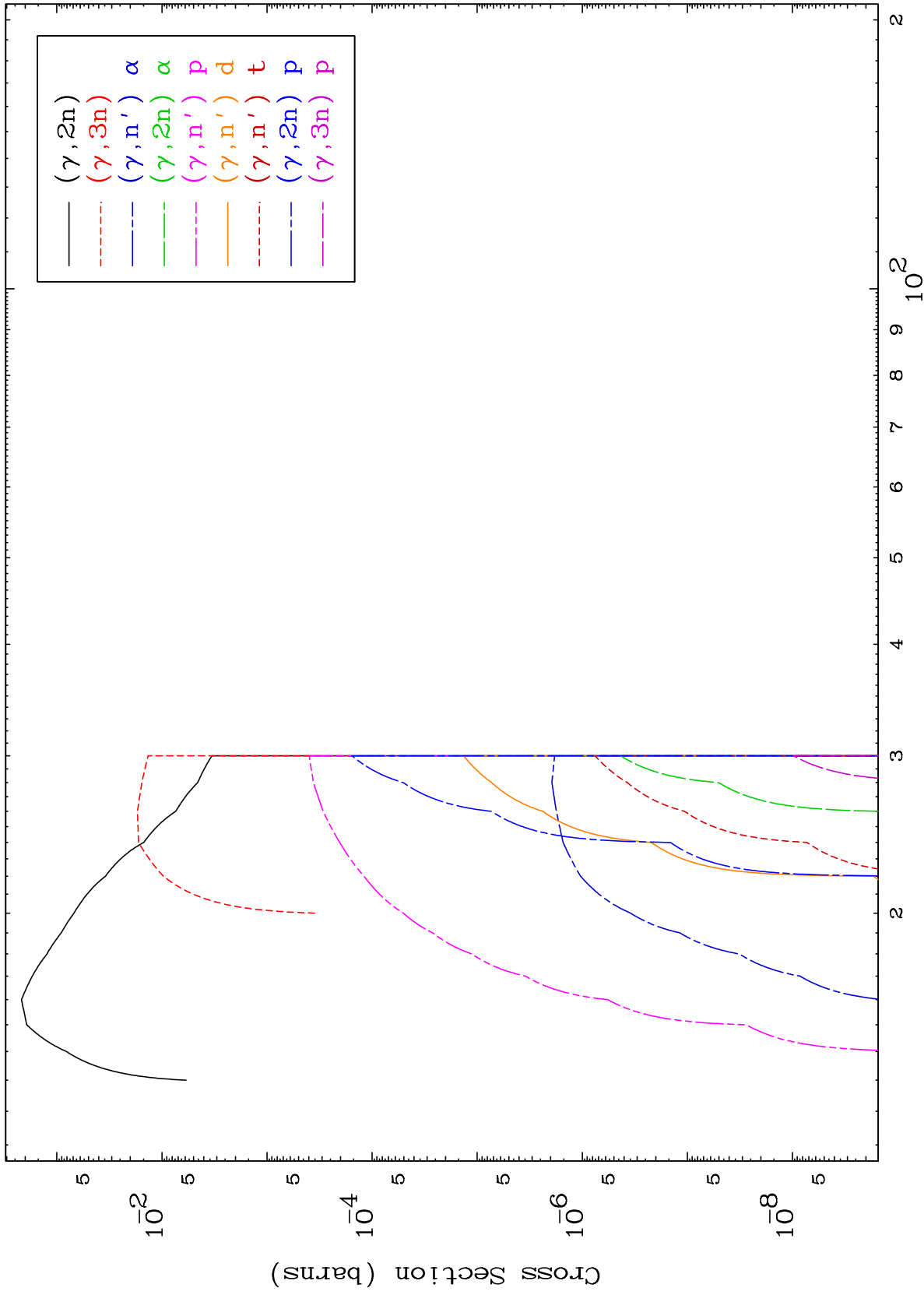
Incident Energy (MeV)

55-Cs-138

MAT 5540

Photon Neutron Production
0 Kelvin Cross Sections

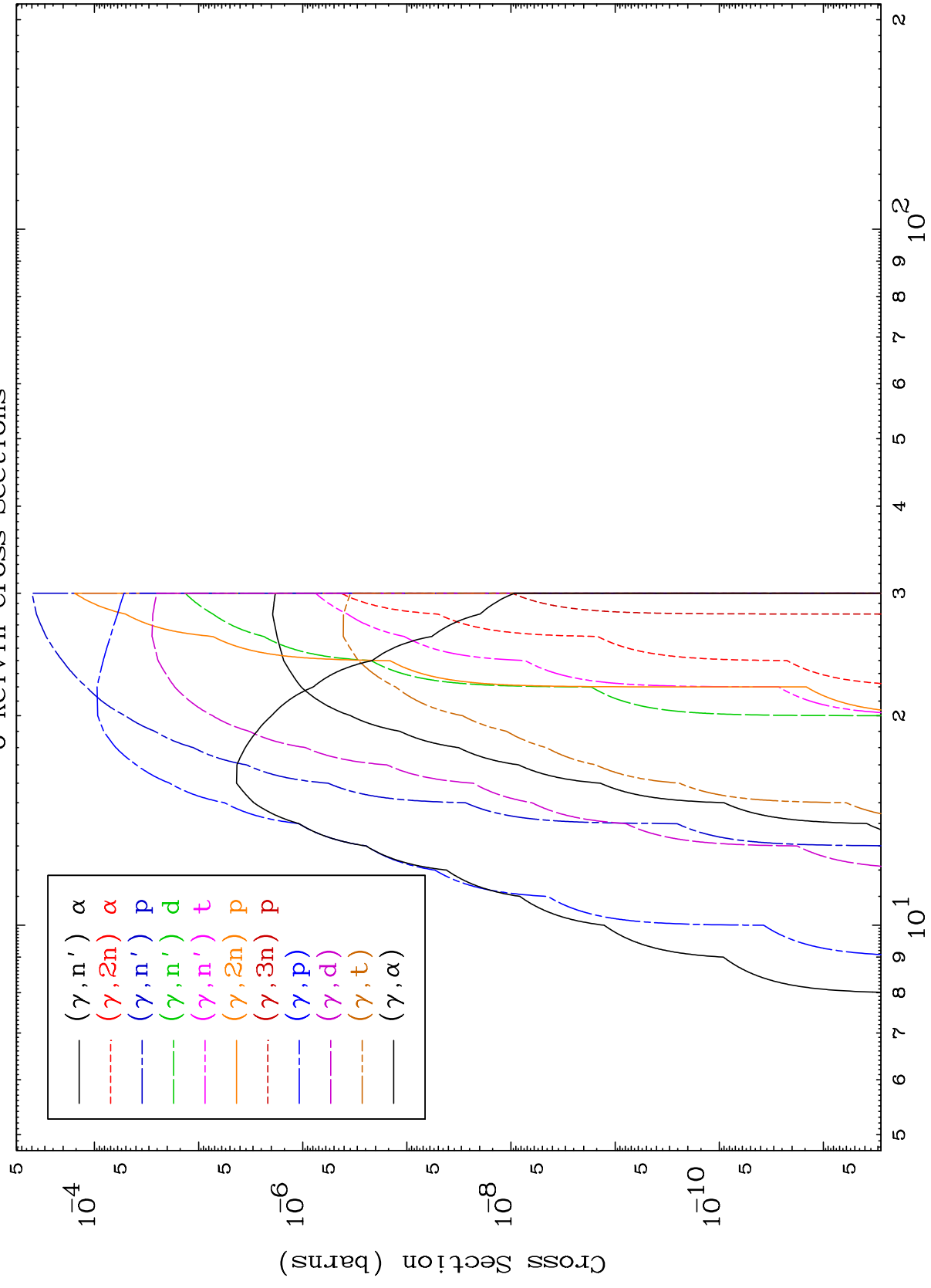
55-Cs-138



2

Incident Energy (MeV)

55-Cs-138

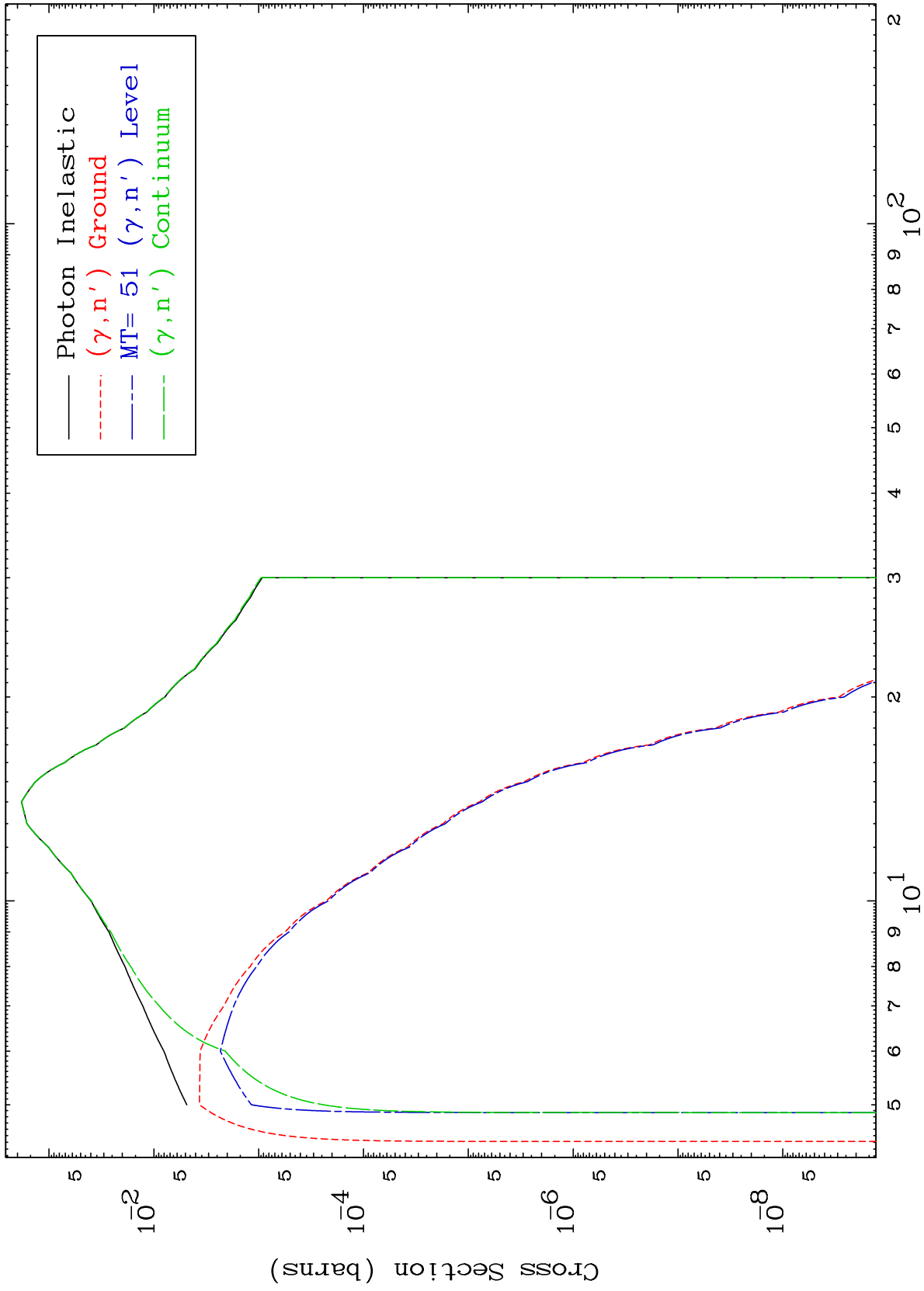


MAT 5540

(γ, n') Level

55-Cs-138

0 Kelvin Cross Sections



4

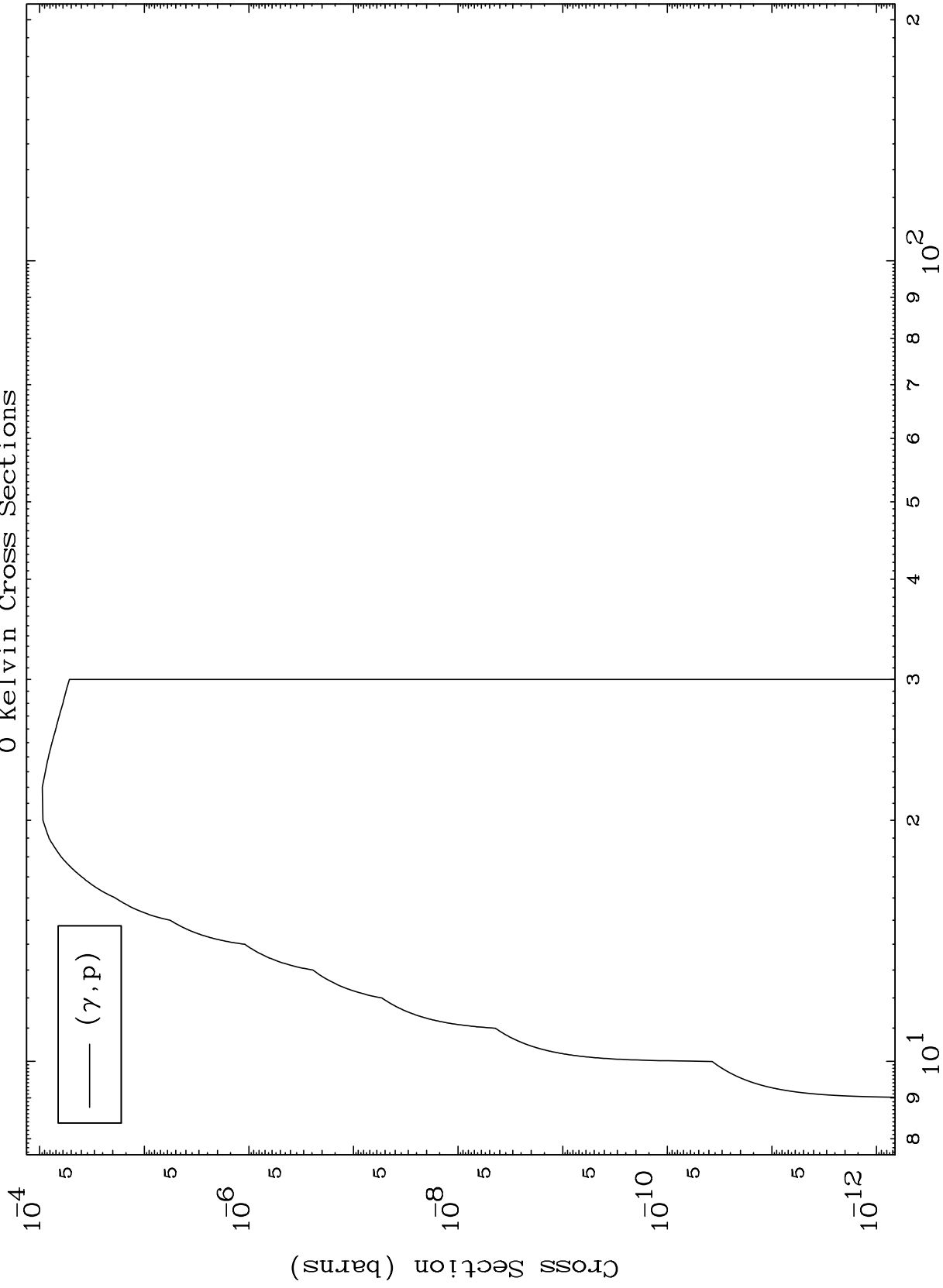
Incident Energy (MeV)

55-Cs-138

MAT 5540

(γ, p) Levels
0 Kelvin Cross Sections

55-Cs-138



5

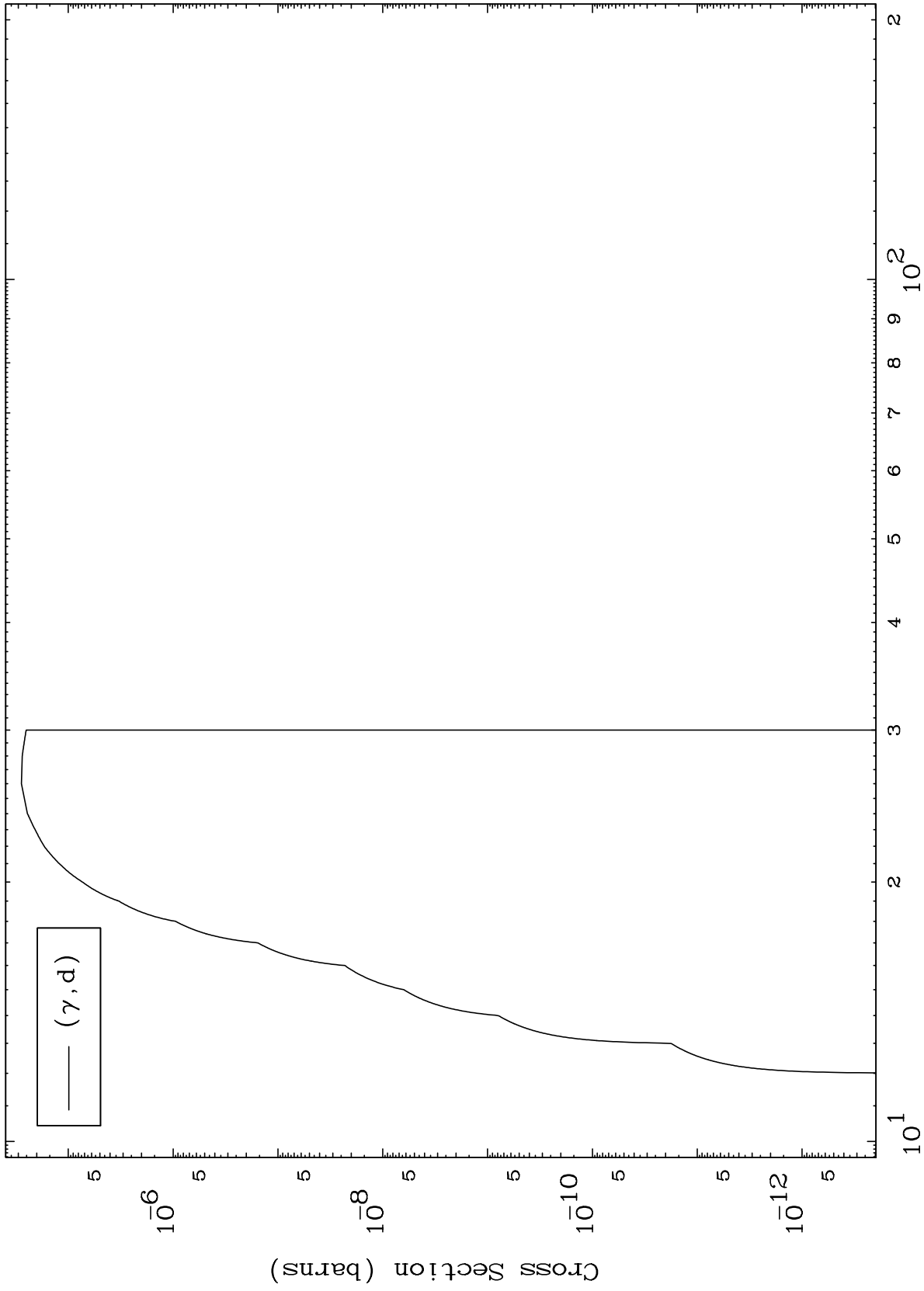
Incident Energy (MeV)

55-Cs-138

MAT 5540

(γ, d) Levels
0 Kelvin Cross Sections

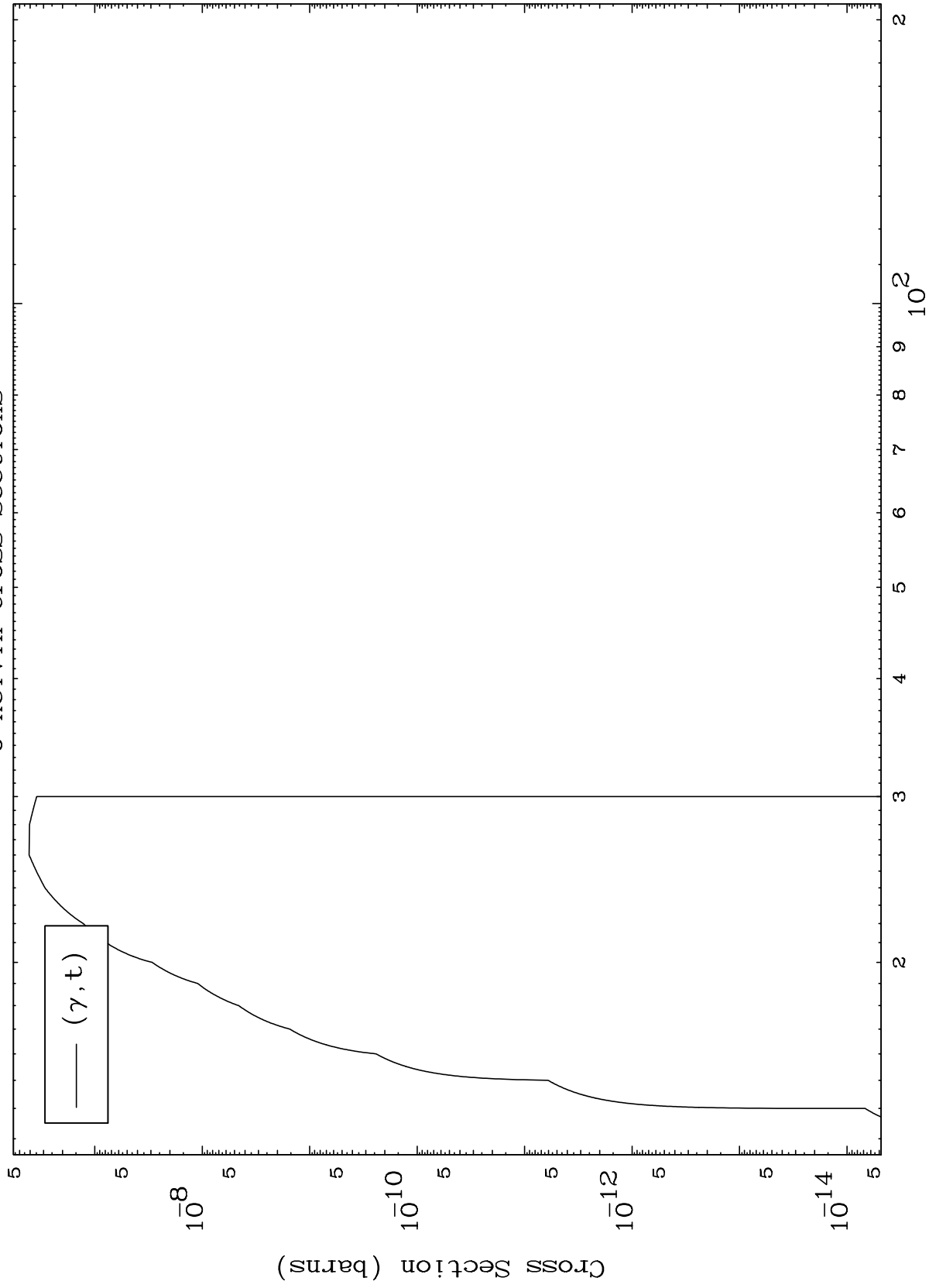
55-Cs-138



MAT 5540

(γ, t) Levels
0 Kelvin Cross Sections

55-Cs-138



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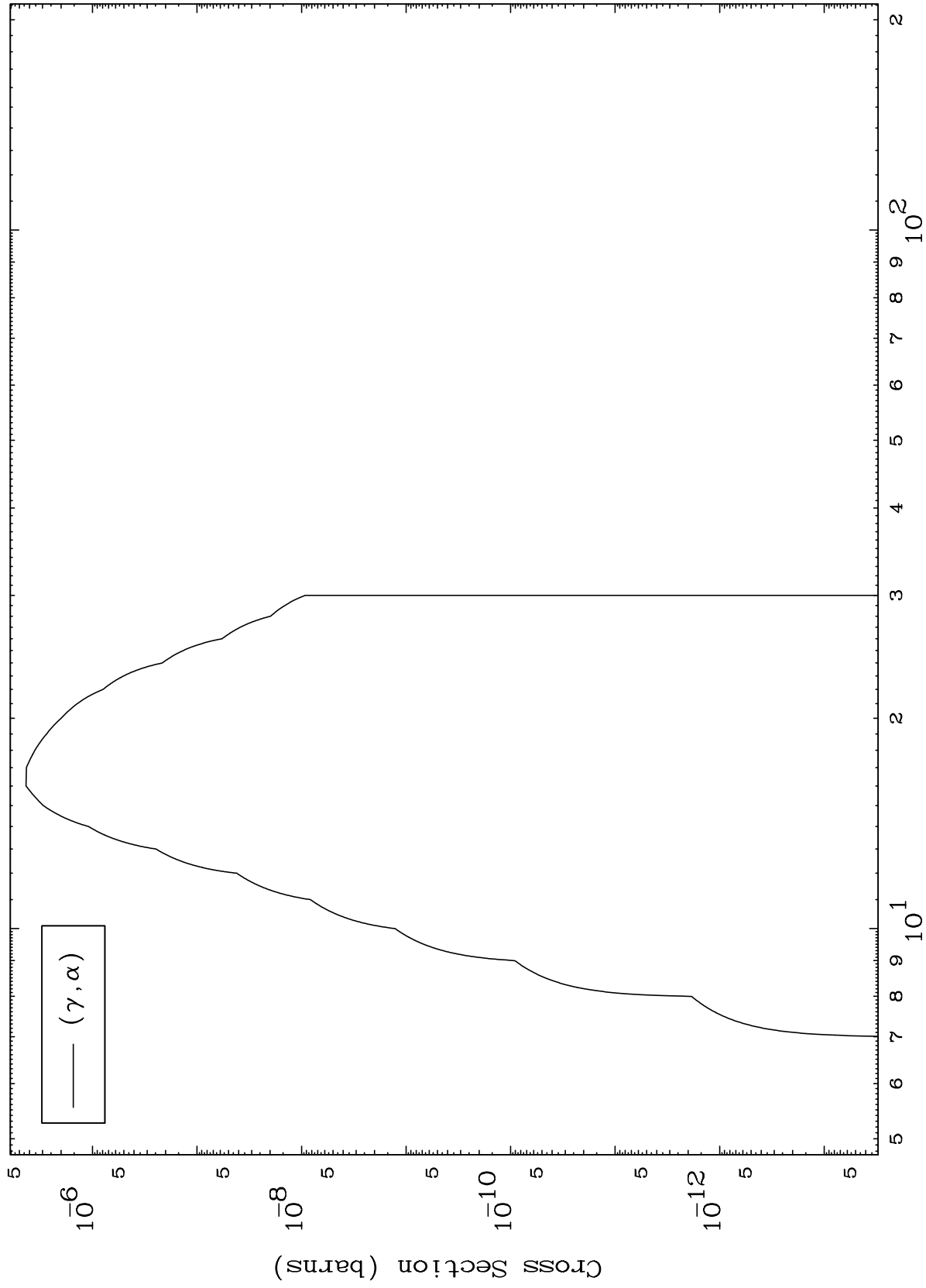
Incident Energy (MeV)

55-Cs-138

MAT 5540

(γ, α) Levels
0 Kelvin Cross Sections

55-Cs-138



8

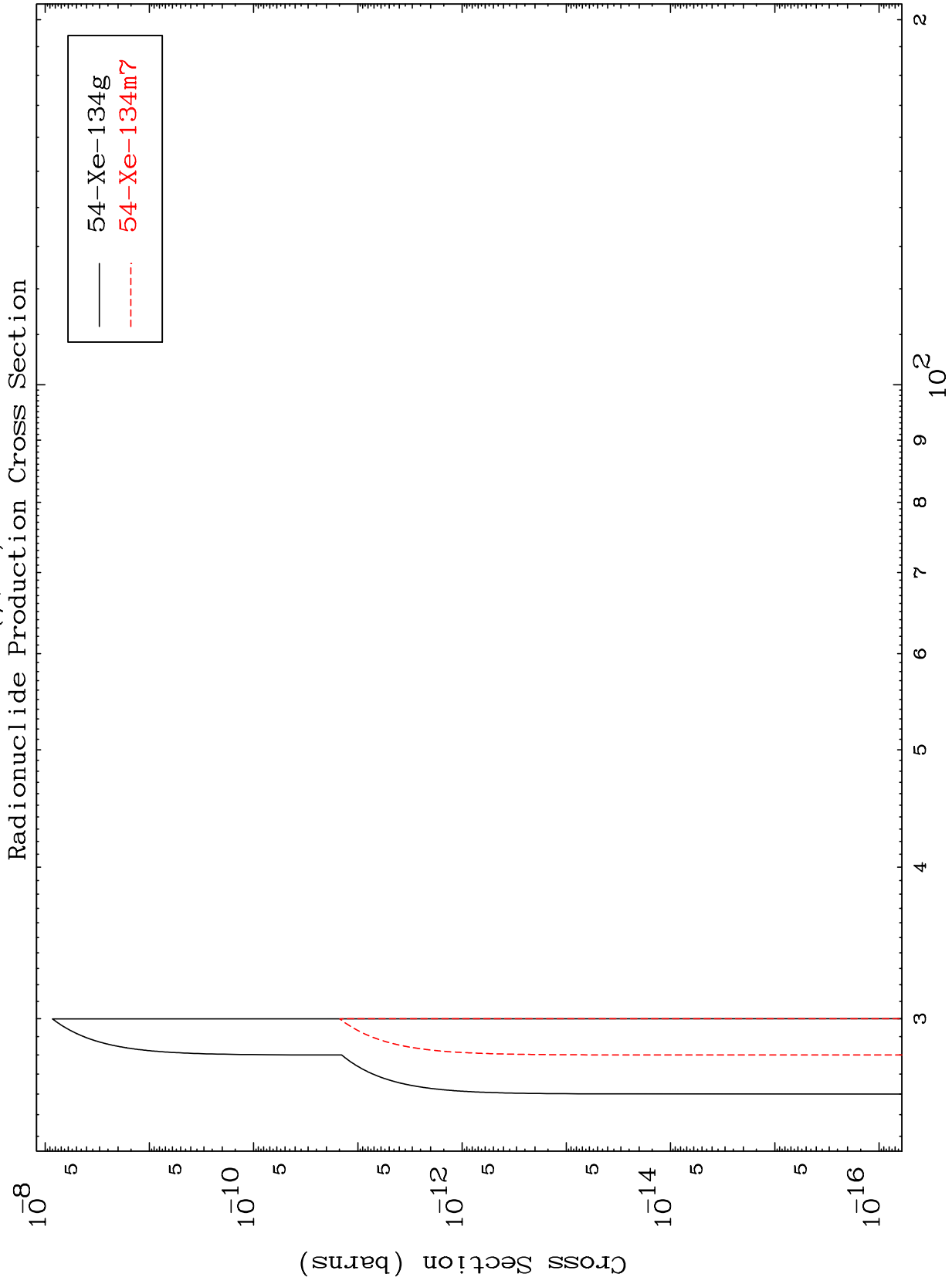
Incident Energy (MeV)

55-Cs-138

MAT 5540

($\gamma, 2n$) d

55-Cs-138



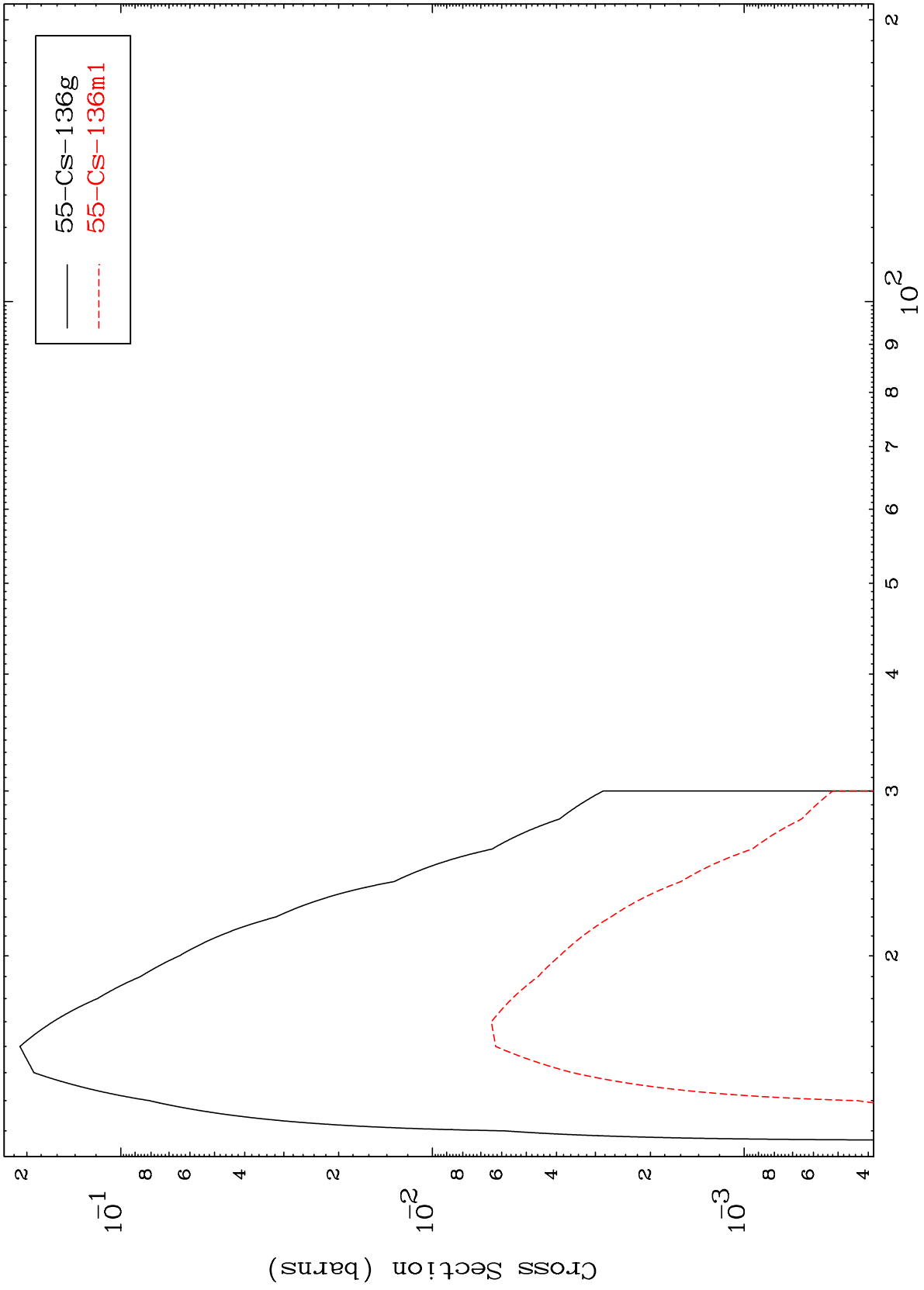
9

55-Cs-138

MAT 5540

55-Cs-138

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



10

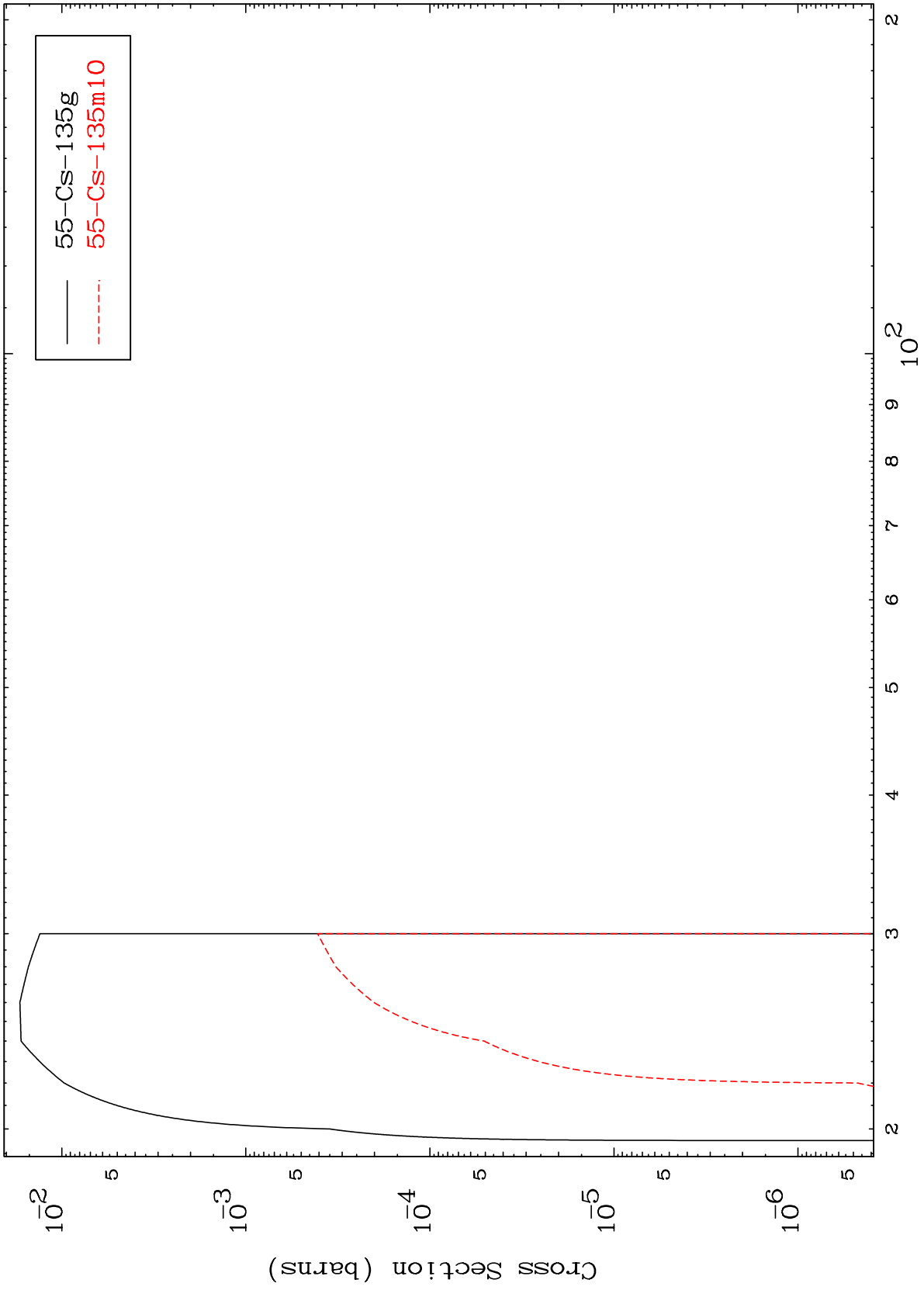
Incident Energy (MeV)

55-Cs-138

MAT 5540

55-Cs-138

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



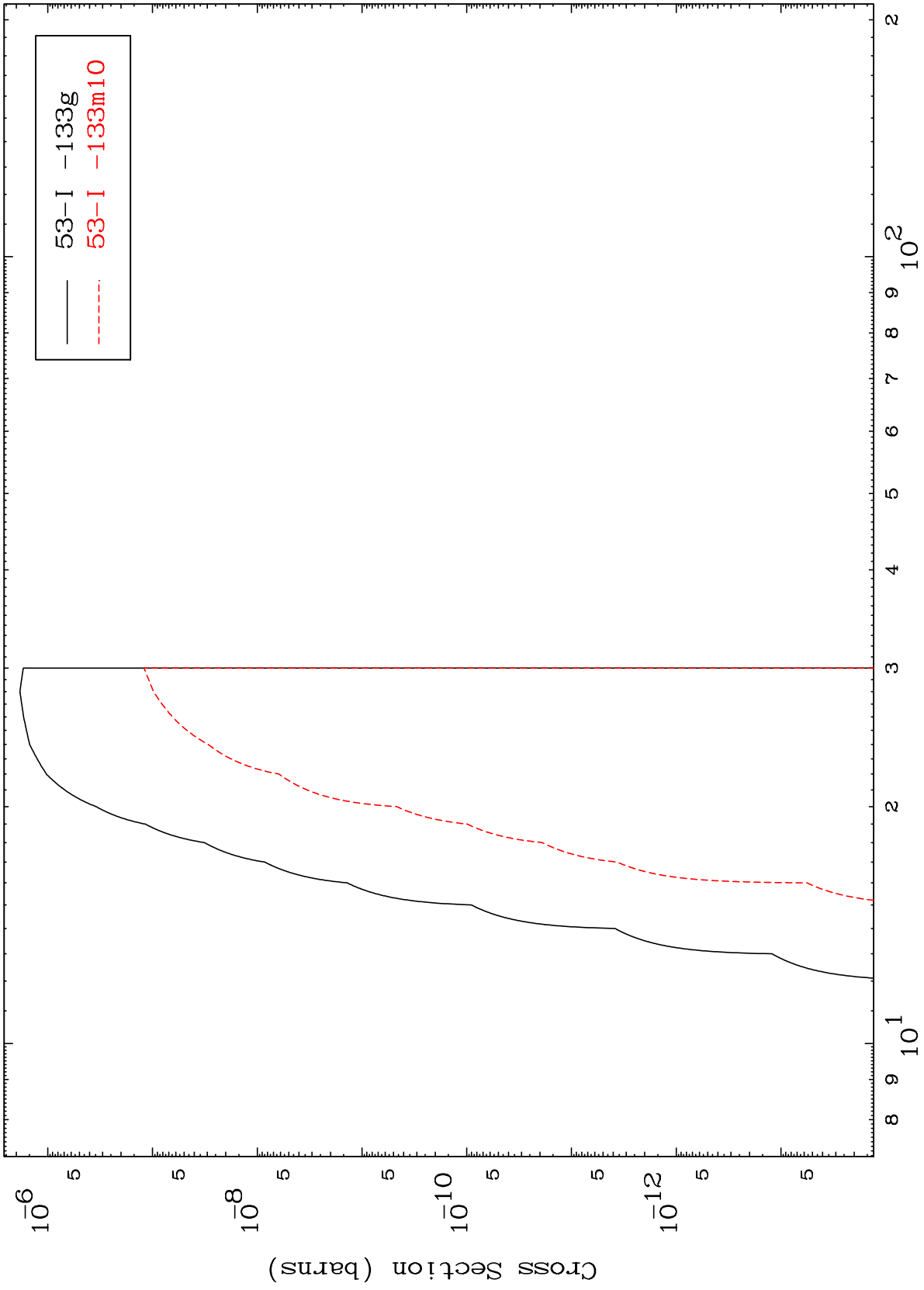
11

55-Cs-138

MAT 5540

55-Cs-138

(γ, n') α
Radionuclide Production Cross Section



12

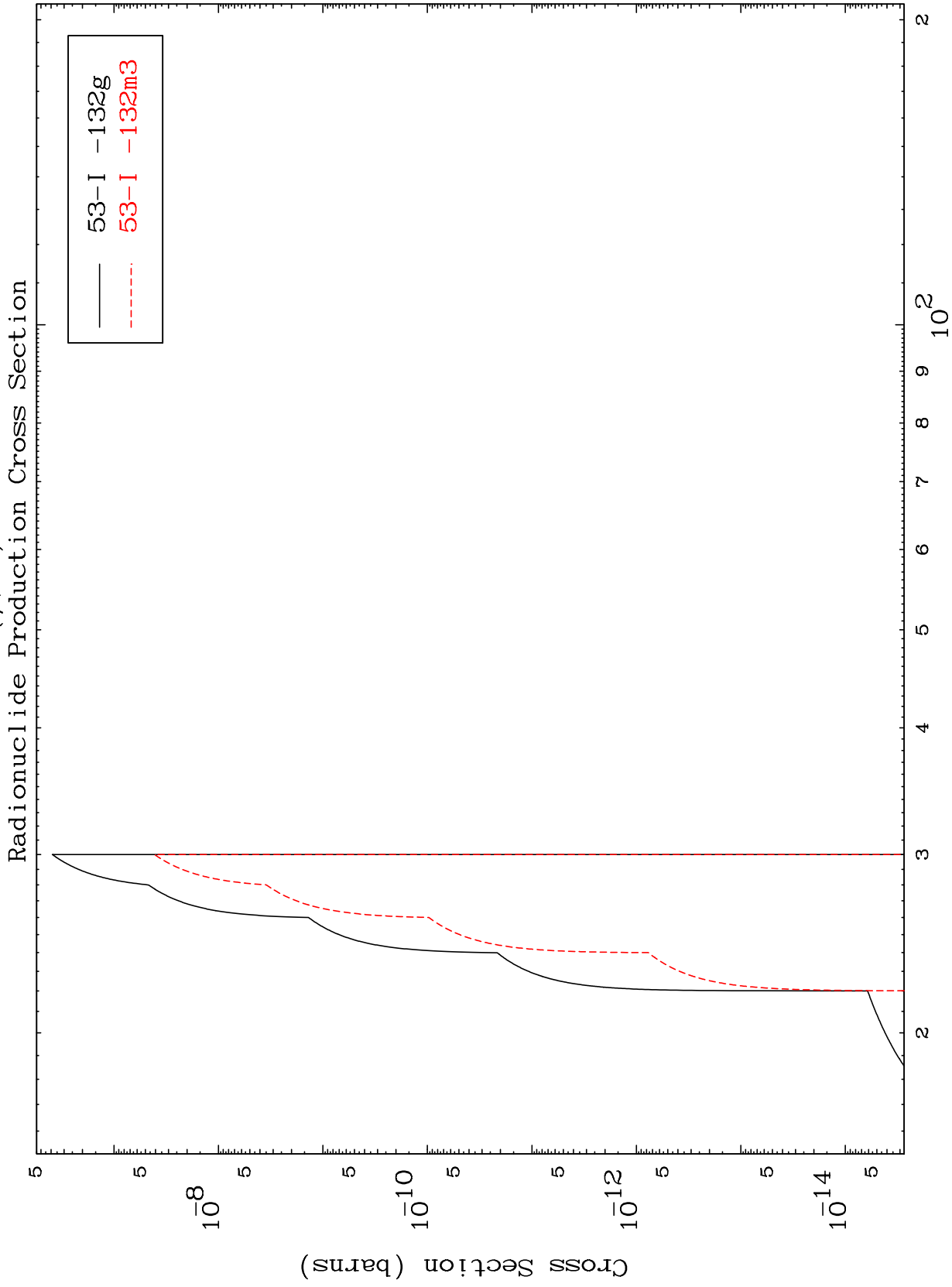
Incident Energy (MeV)

55-Cs-138

MAT 5540

$(\gamma, 2n) \alpha$

55-Cs-138



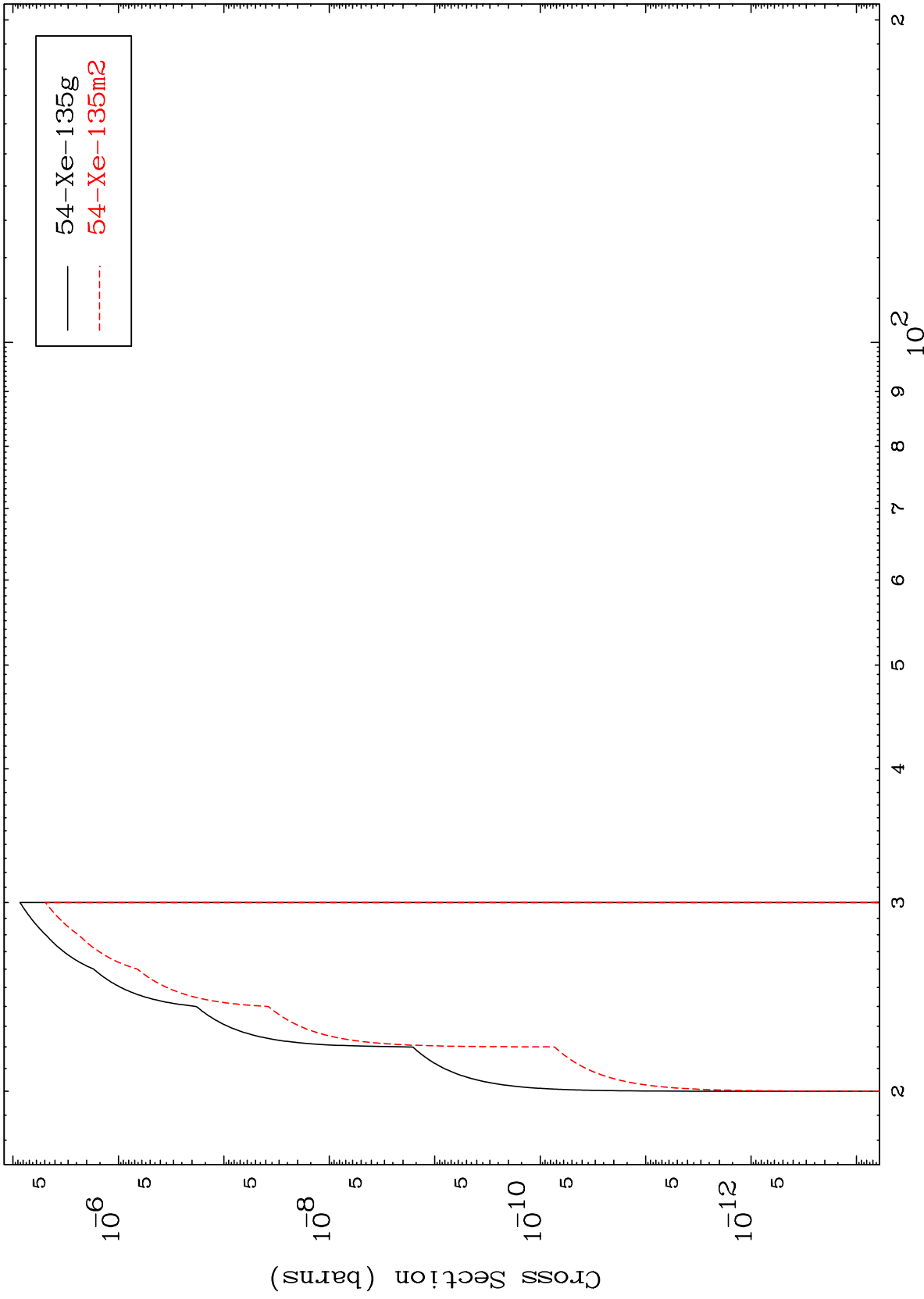
13

MAT 5540

(γ, n') d

55-Cs-138

Radionuclide Production Cross Section



14

Incident Energy (MeV)

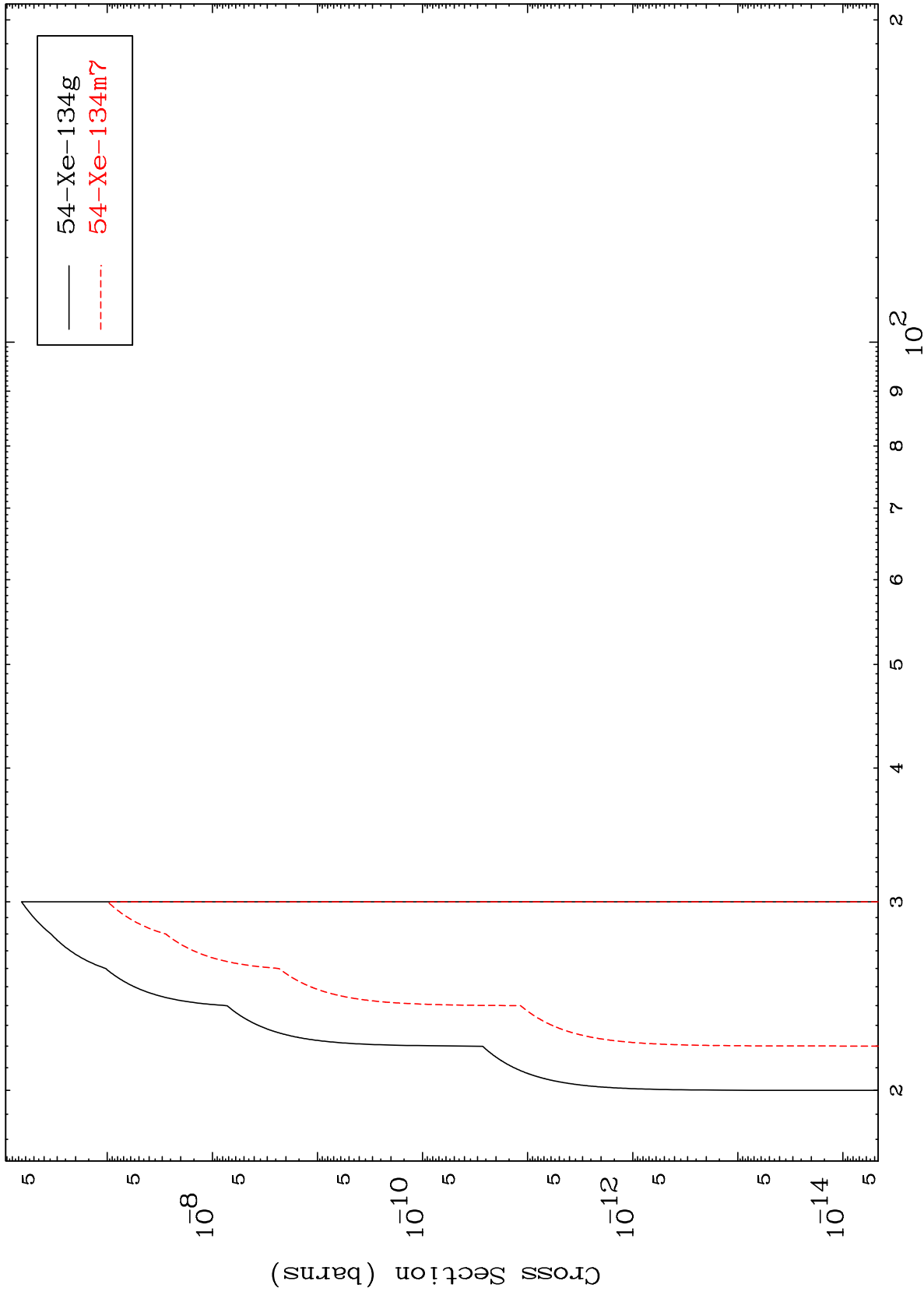
55-Cs-138

MAT 5540

(γ, n') t

55-Cs-138

Radionuclide Production Cross Section



15

Incident Energy (MeV)

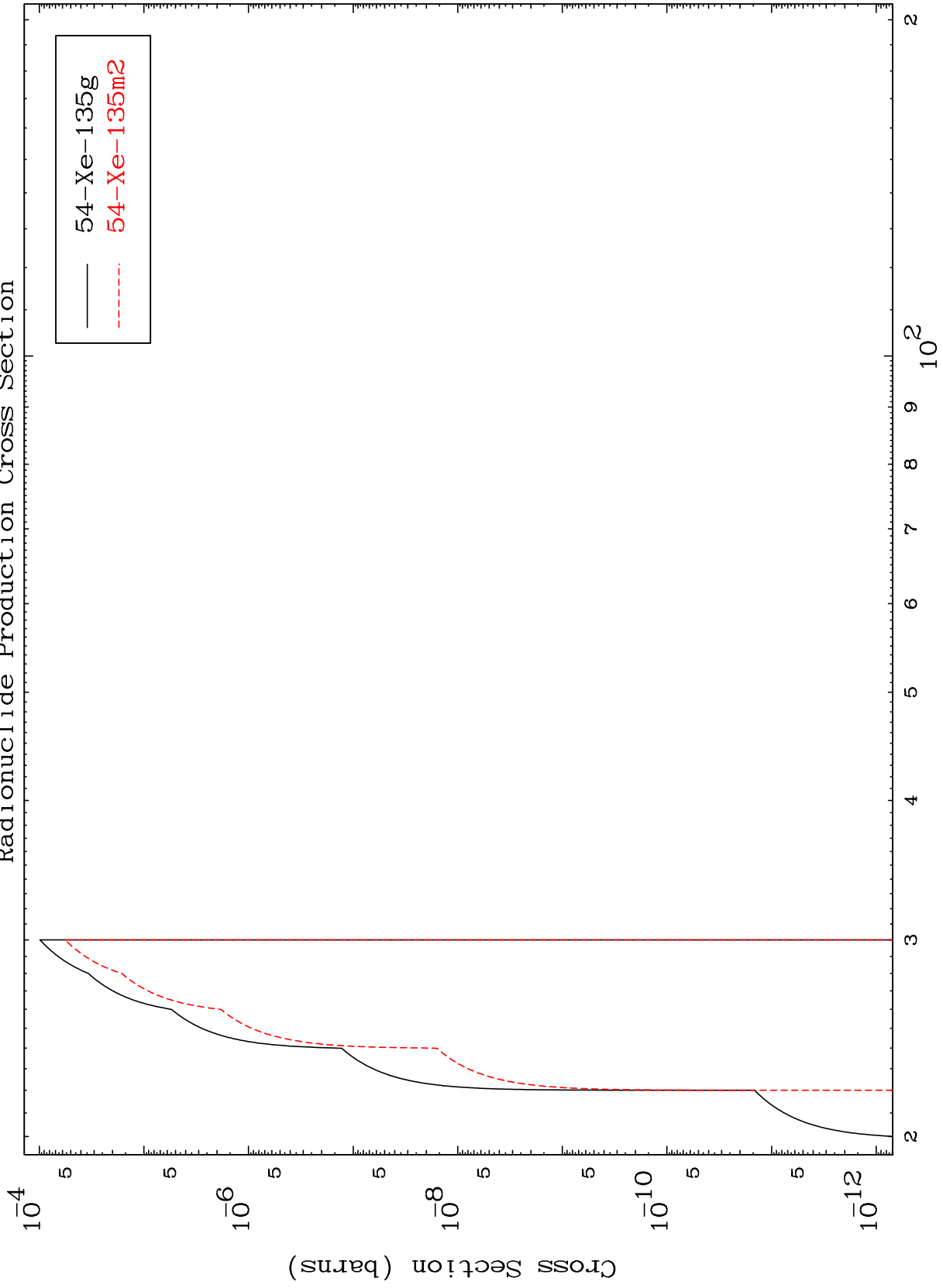
55-Cs-138

MAT 5540

$(\gamma, 2n)$ p

55-Cs-138

Radionuclide Production Cross Section



16

Incident Energy (MeV)

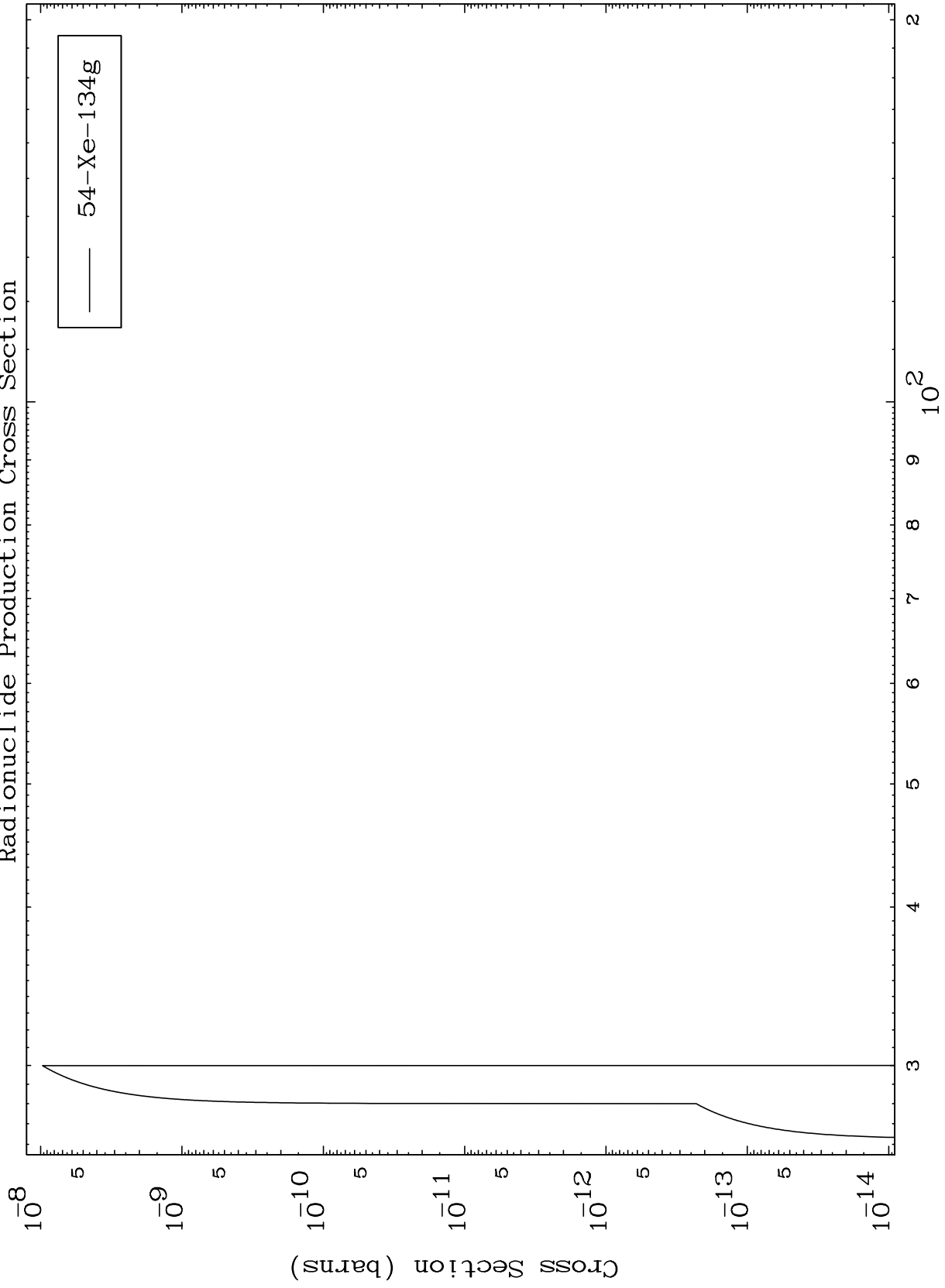
55-Cs-138

MAT 5540

($\gamma, 3n$) p

55-Cs-138

Radionuclide Production Cross Section



17

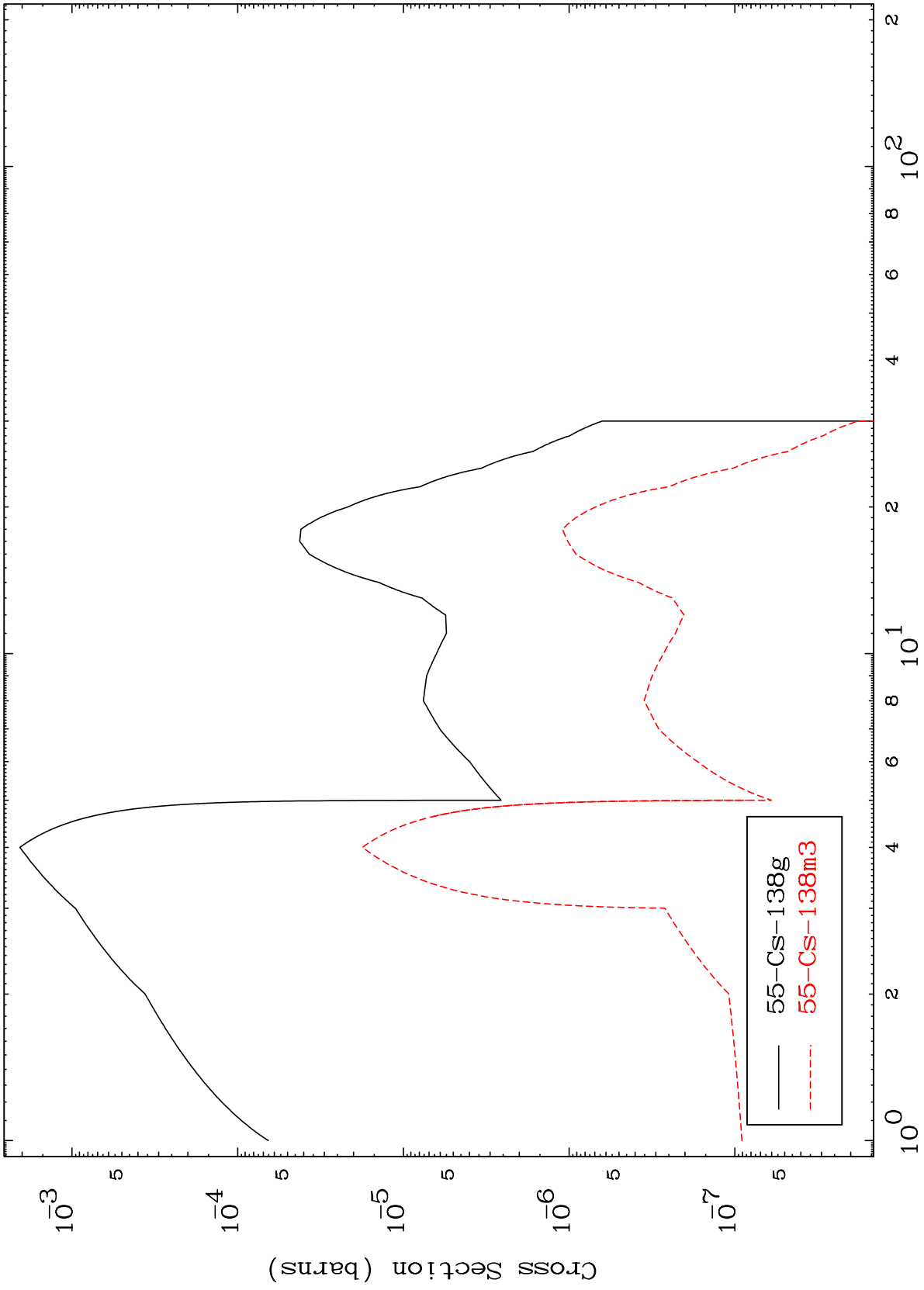
Incident Energy (MeV)

55-Cs-138

MAT 5540

Radionuclide Production Cross Section
(γ, γ)

55-Cs-138



18

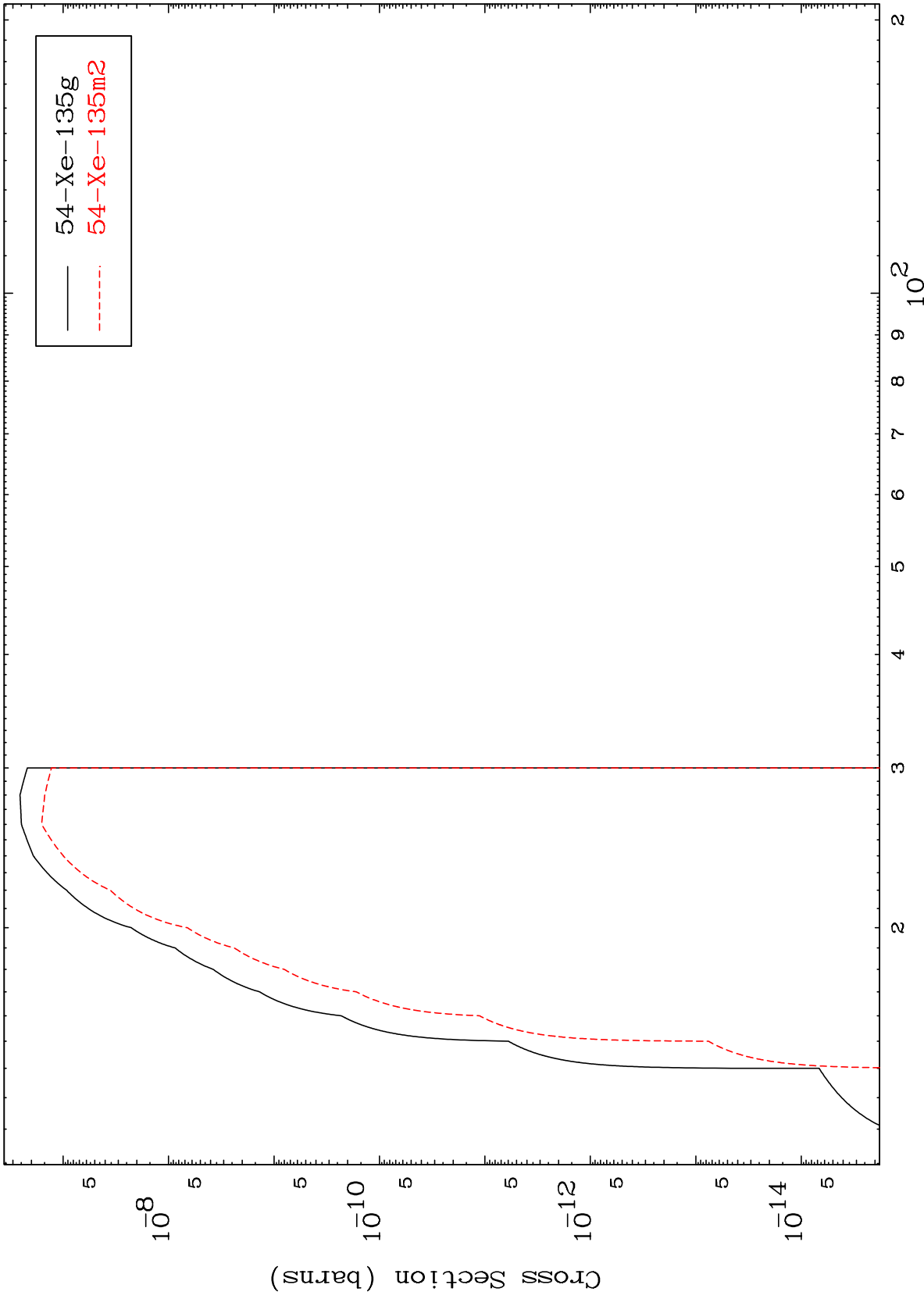
Incident Energy (MeV)

55-Cs-138

MAT 5540

55-Cs-138

(γ, t)
Radionuclide Production Cross Section



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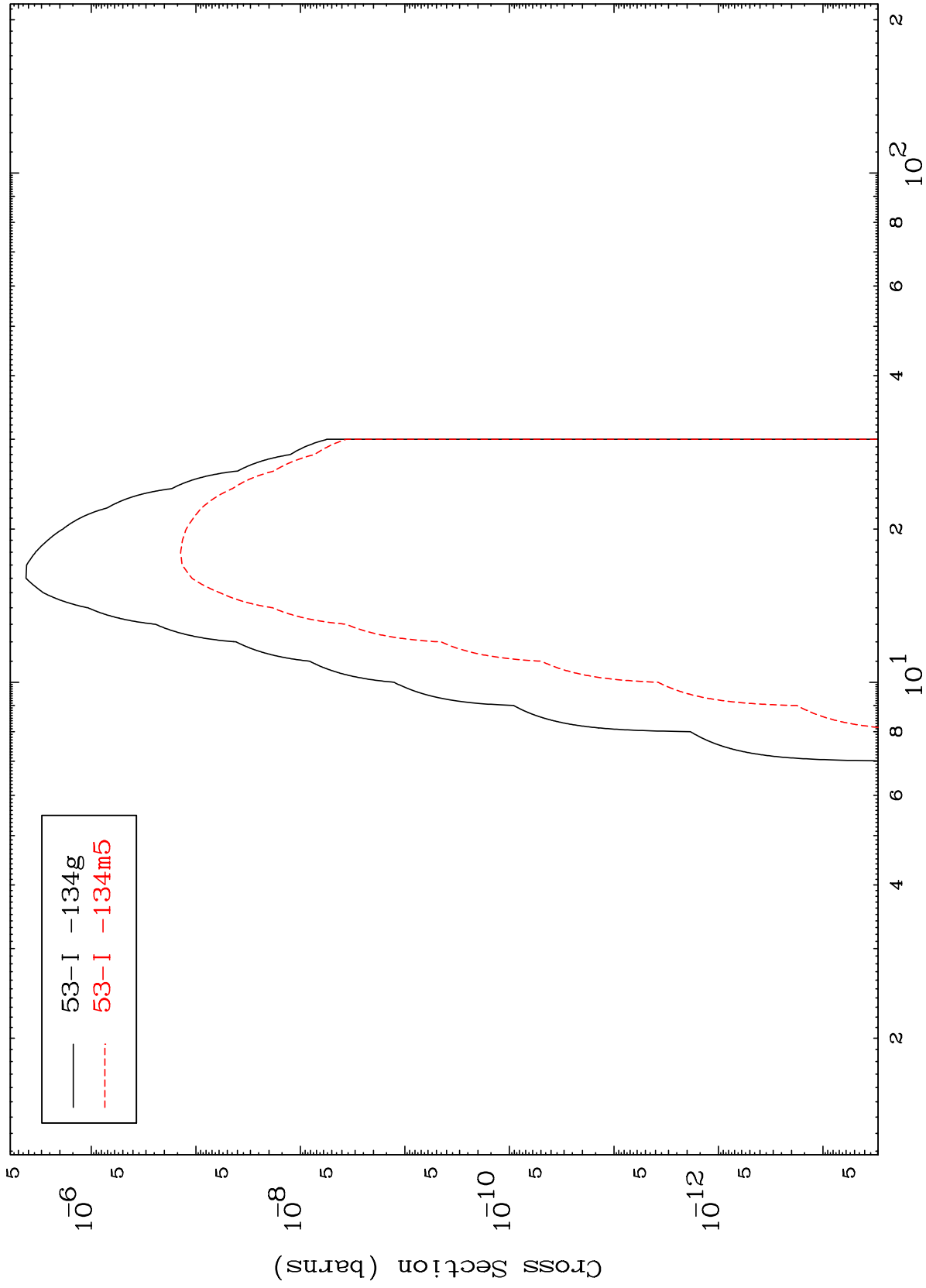
Incident Energy (MeV)

55-Cs-138

MAT 5540

Radionuclide Production Cross Section
(γ, α)

55-Cs-138



53-I -134g
53-I -134m5

20

Incident Energy (MeV)

55-Cs-138