

Program EVALPLOT
(Version 2021-1)

by

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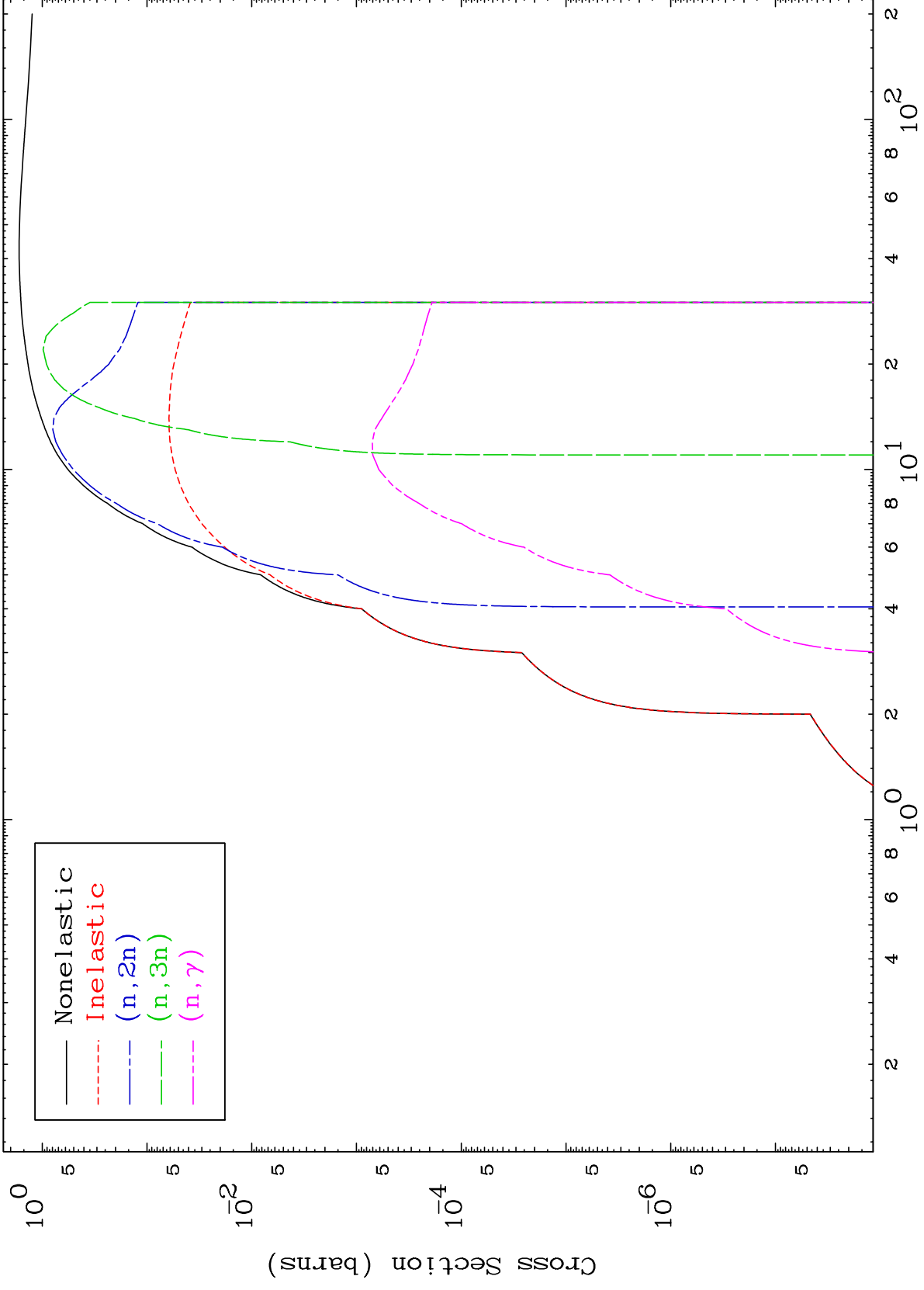
Press Mouse Button to Start

MAT 5540

Proton Major

55-Cs-138

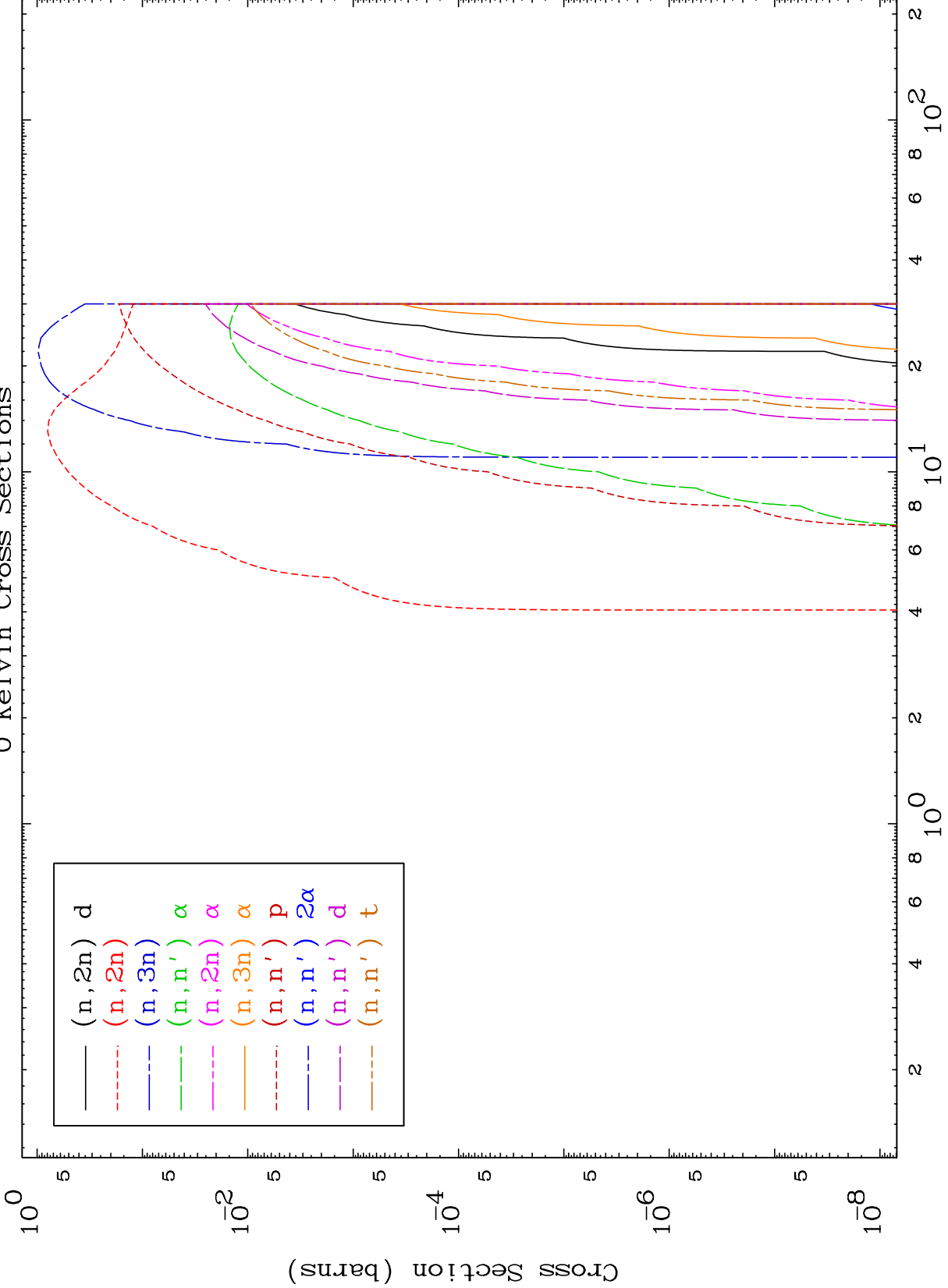
0 Kelvin Cross Sections



MAT 5540

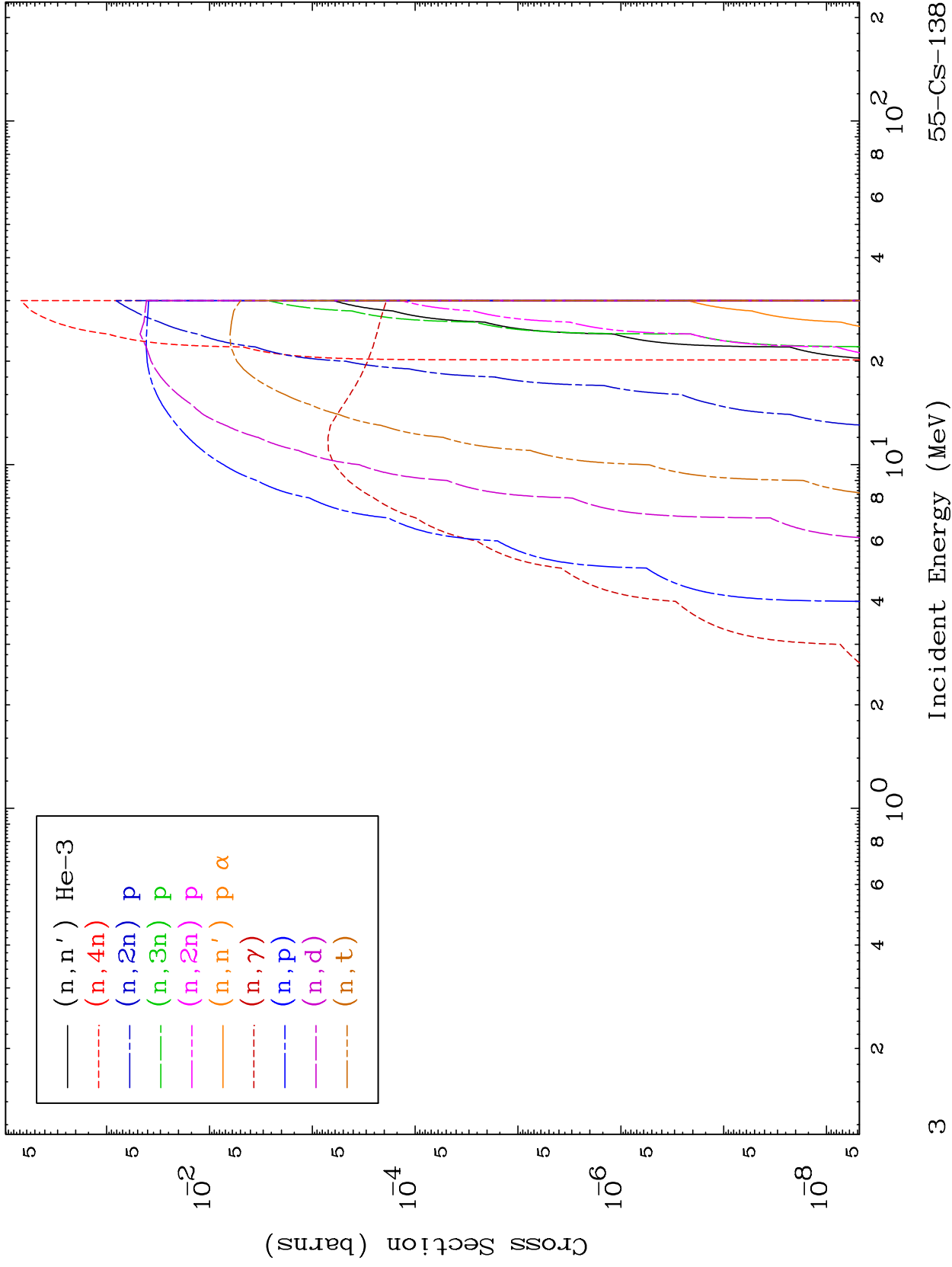
Proton Neutron Absorption
0 Kelvin Cross Sections

55-Cs-138



55-Cs-138

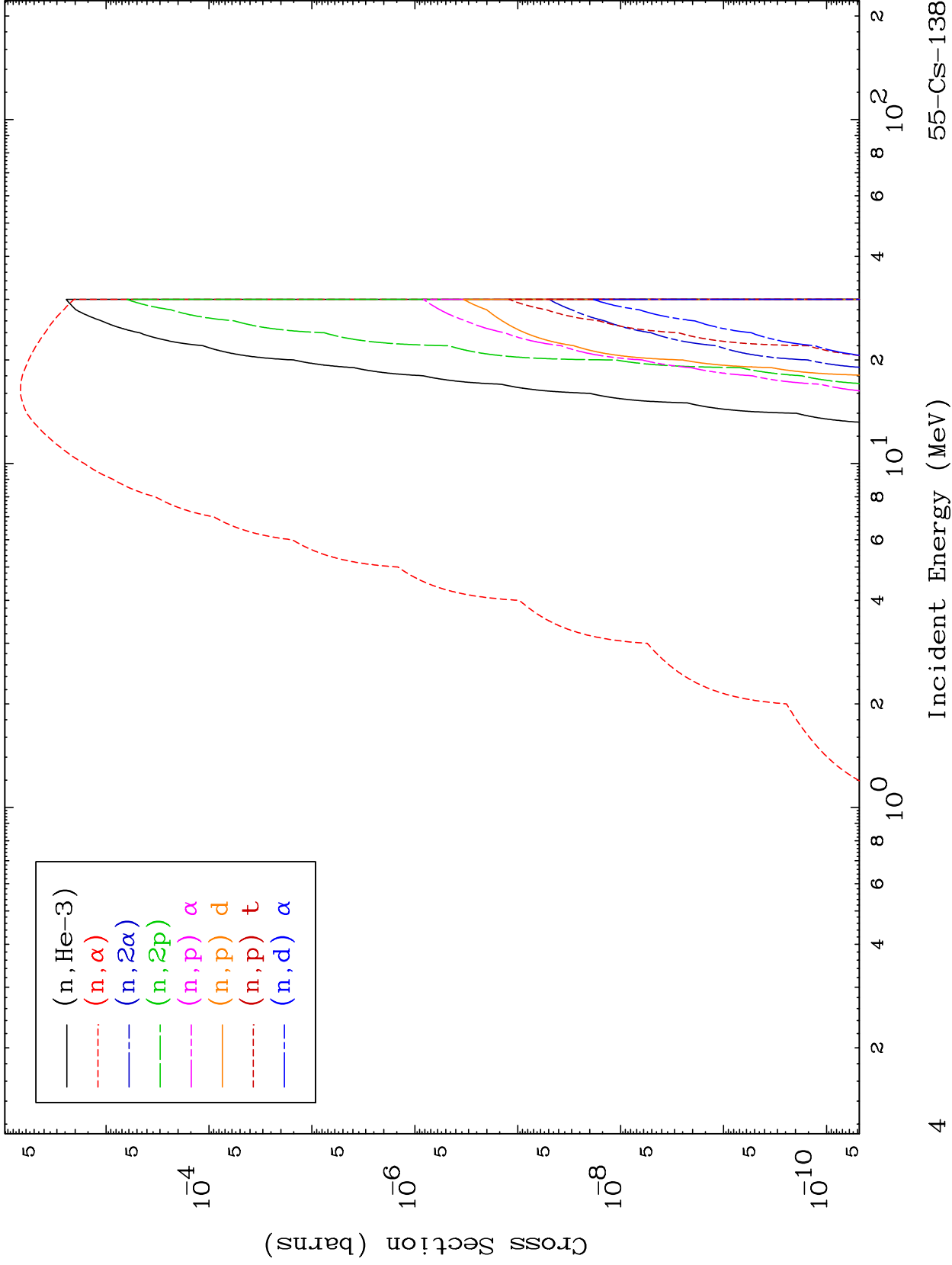
Incident Energy (MeV)



MAT 5540

Proton Neutron Absorption
0 Kelvin Cross Sections

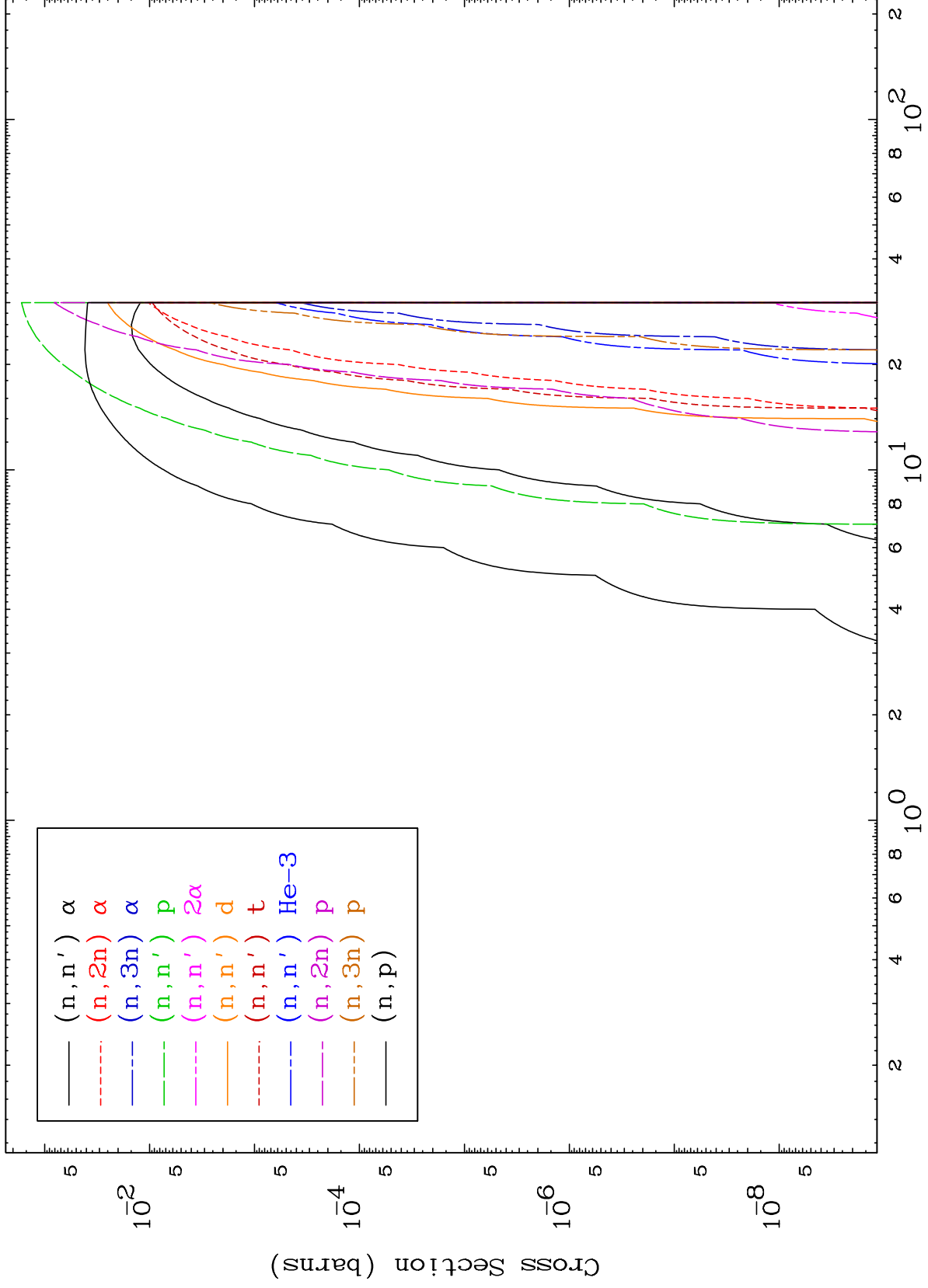
55-Cs-138



MAT 5540

Proton Charged Particle
0 Kelvin Cross Sections

55-Cs-138



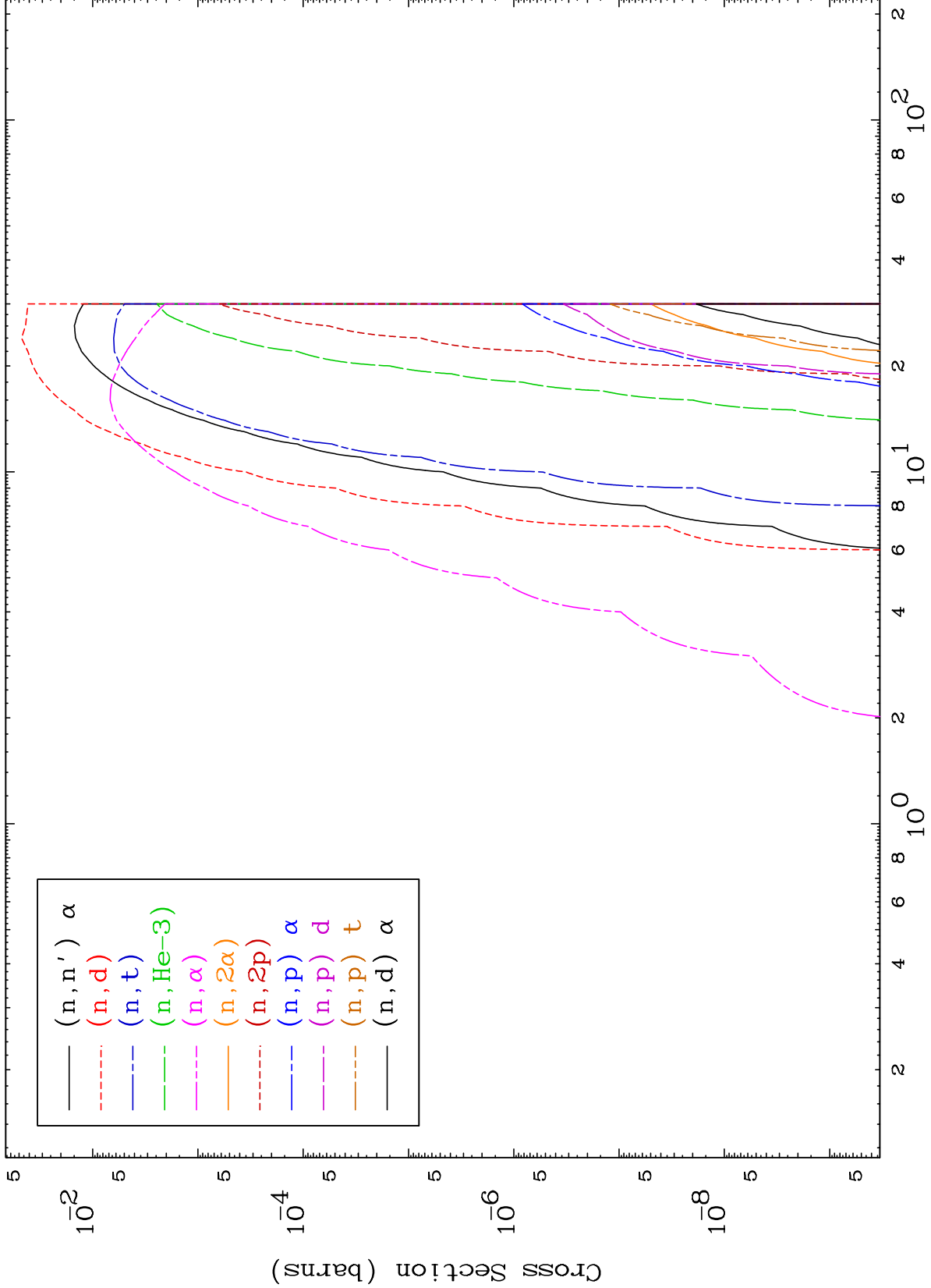
Incident Energy (MeV)

55-Cs-138

MAT 5540

Proton Charged Particle
0 Kelvin Cross Sections

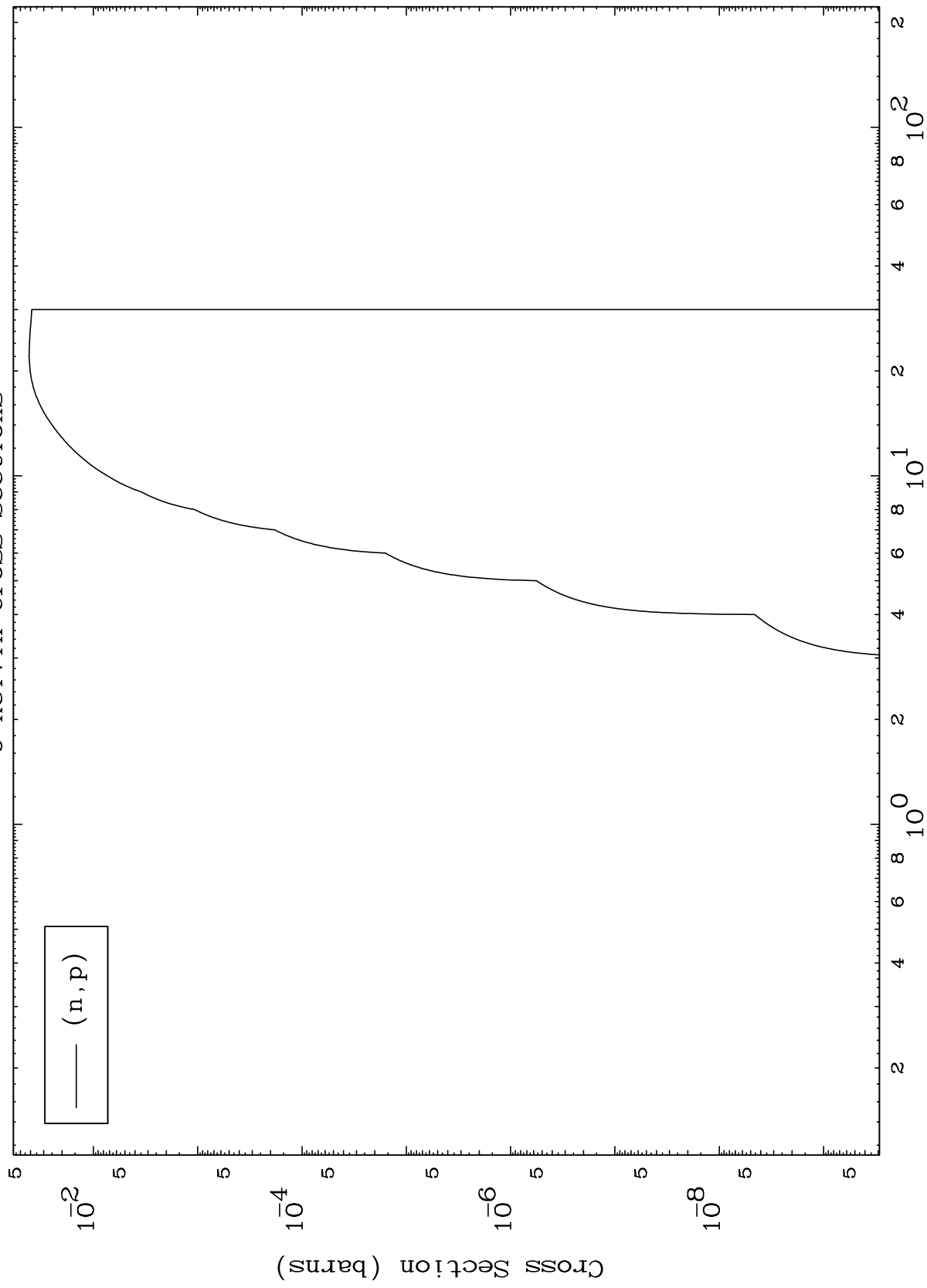
55-Cs-138



MAT 5540

55-Cs-138

(p,p) Levels
0 Kelvin Cross Sections



55-Cs-138

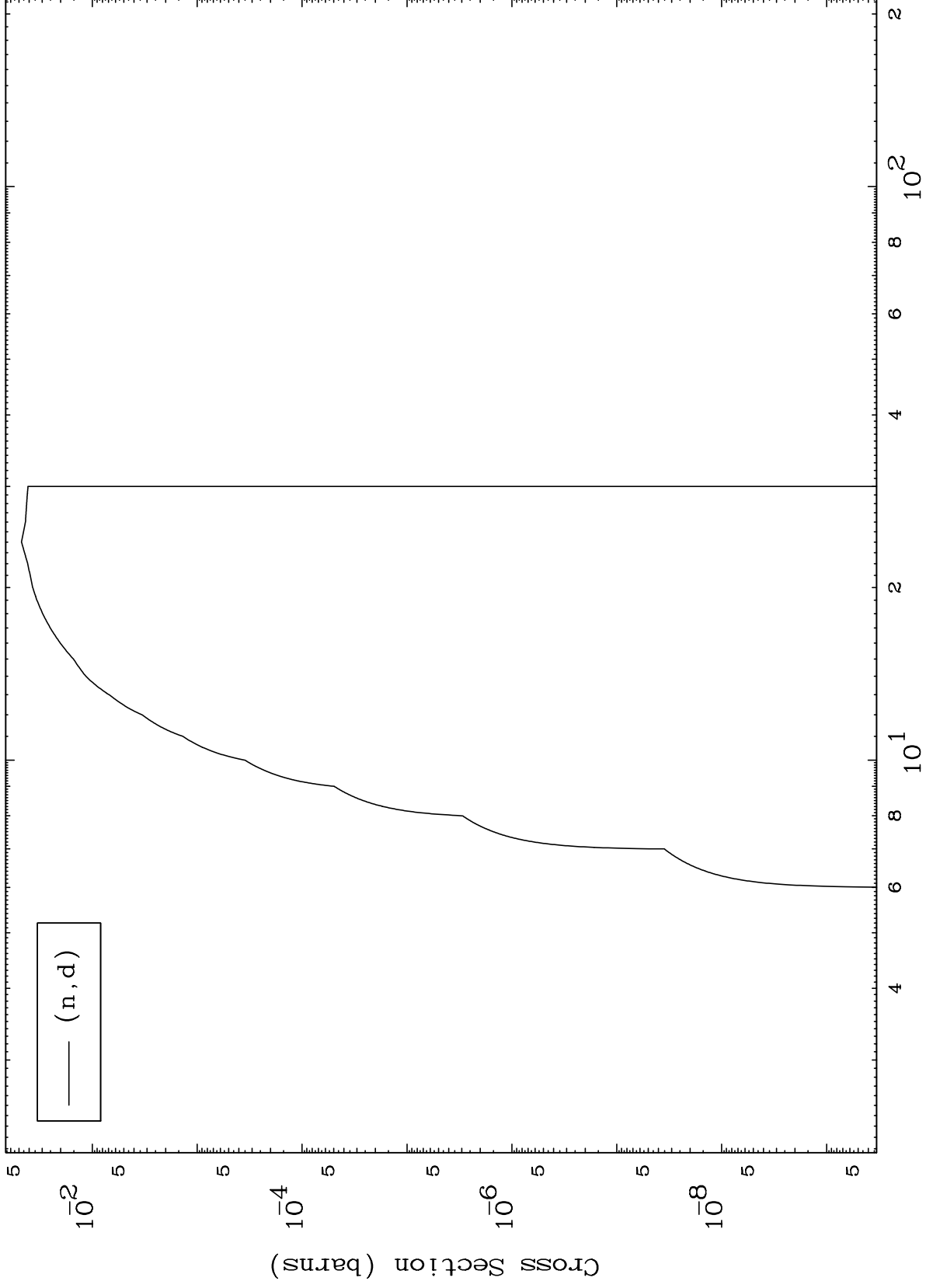
Incident Energy (MeV)

7

MAT 5540

(p,d) Levels
0 Kelvin Cross Sections

55-Cs-138

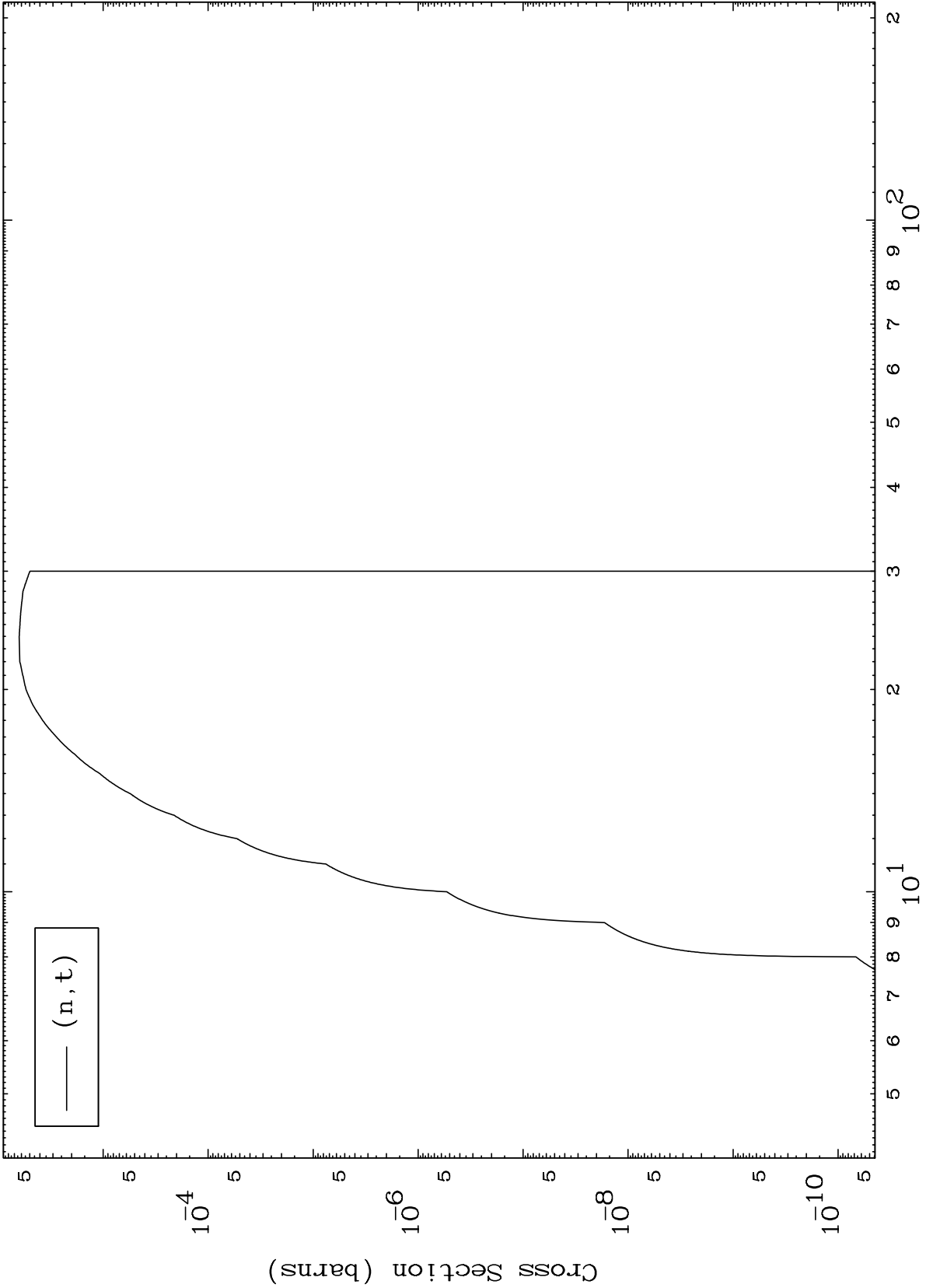


MAT 5540

(p, t) Levels

55-Cs-138

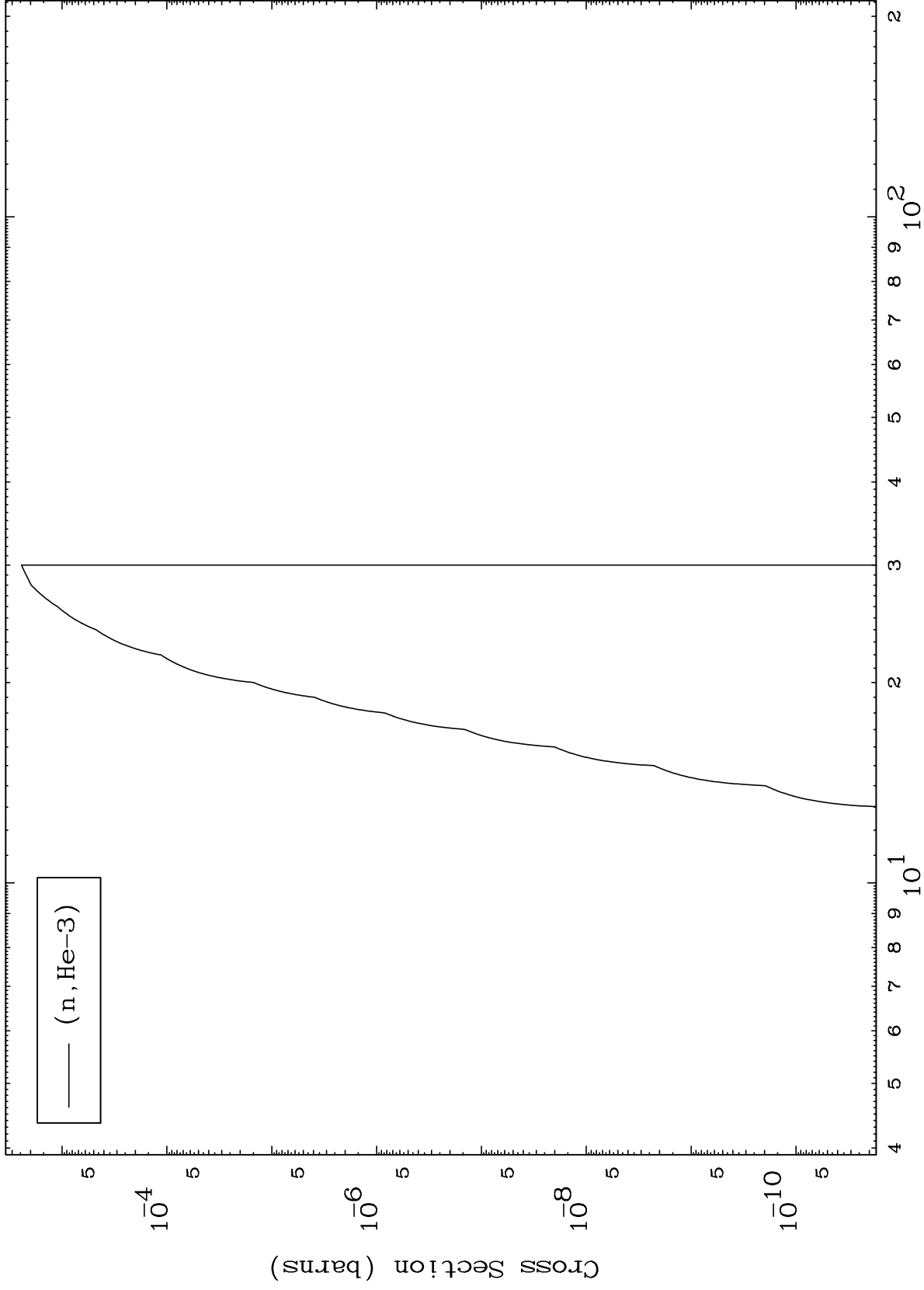
0 Kelvin Cross Sections



MAT 5540

(p,He3) Levels
0 Kelvin Cross Sections

55-Cs-138



10

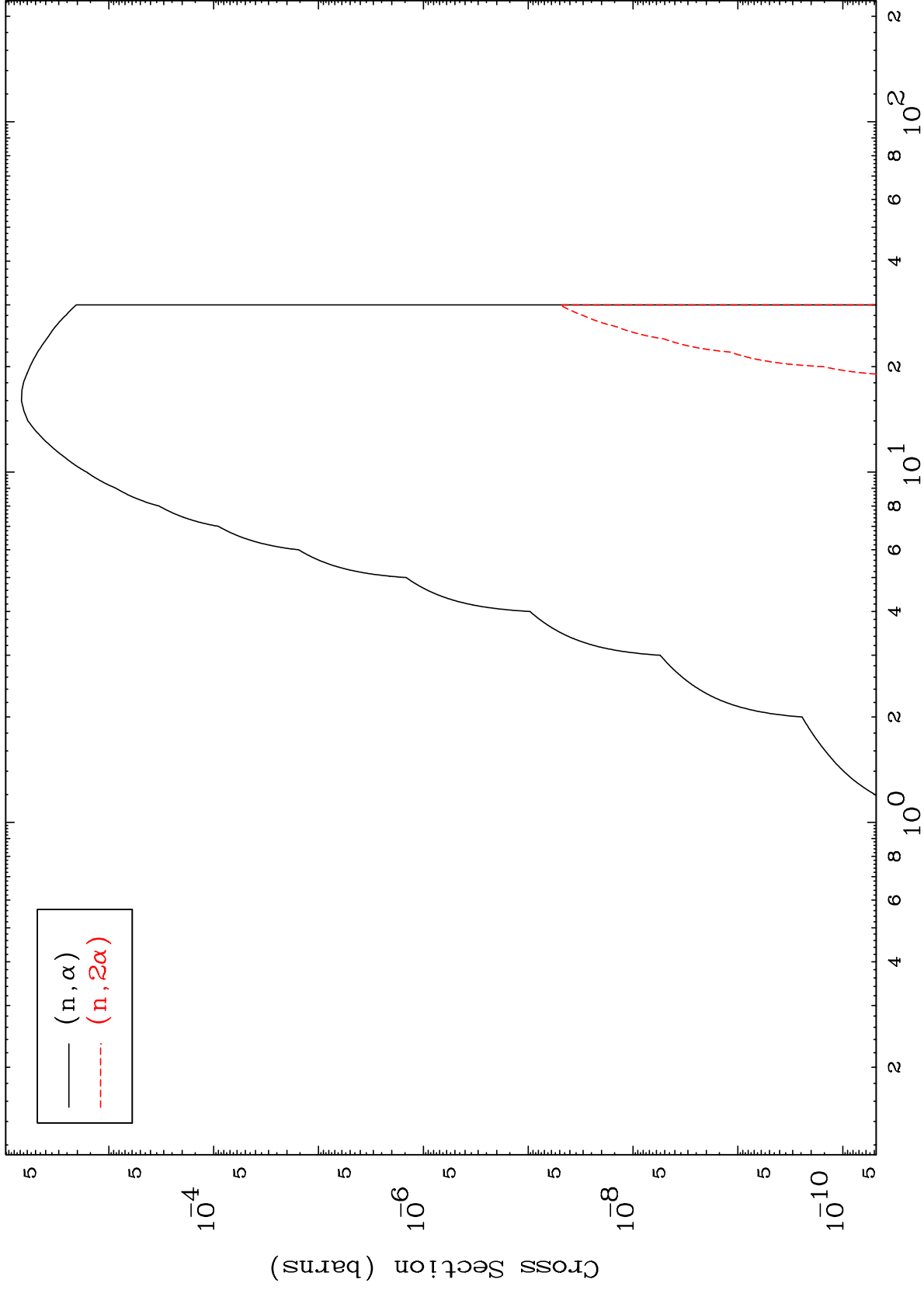
Incident Energy (MeV)

55-Cs-138

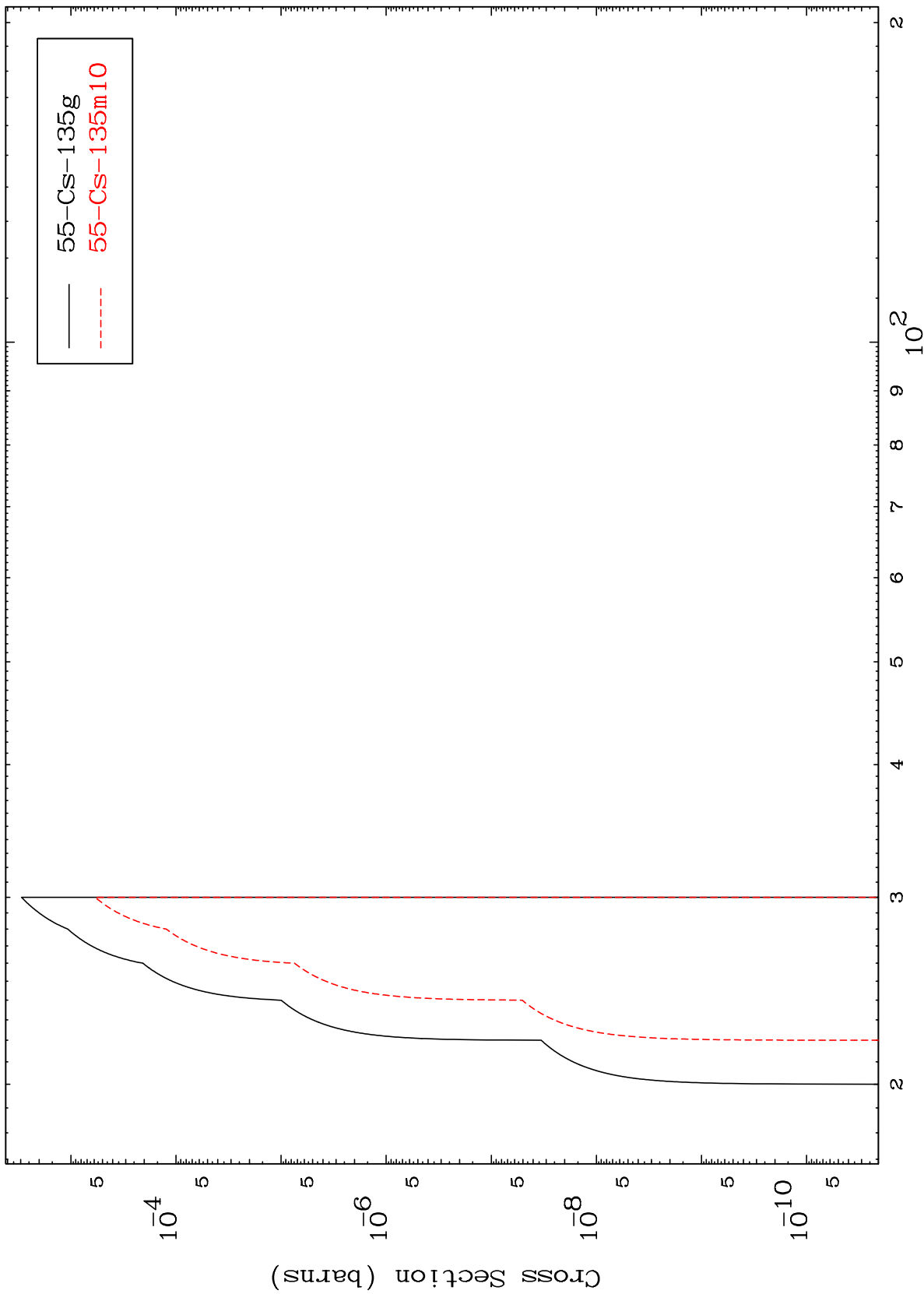
MAT 5540

(p, α) Levels
0 Kelvin Cross Sections

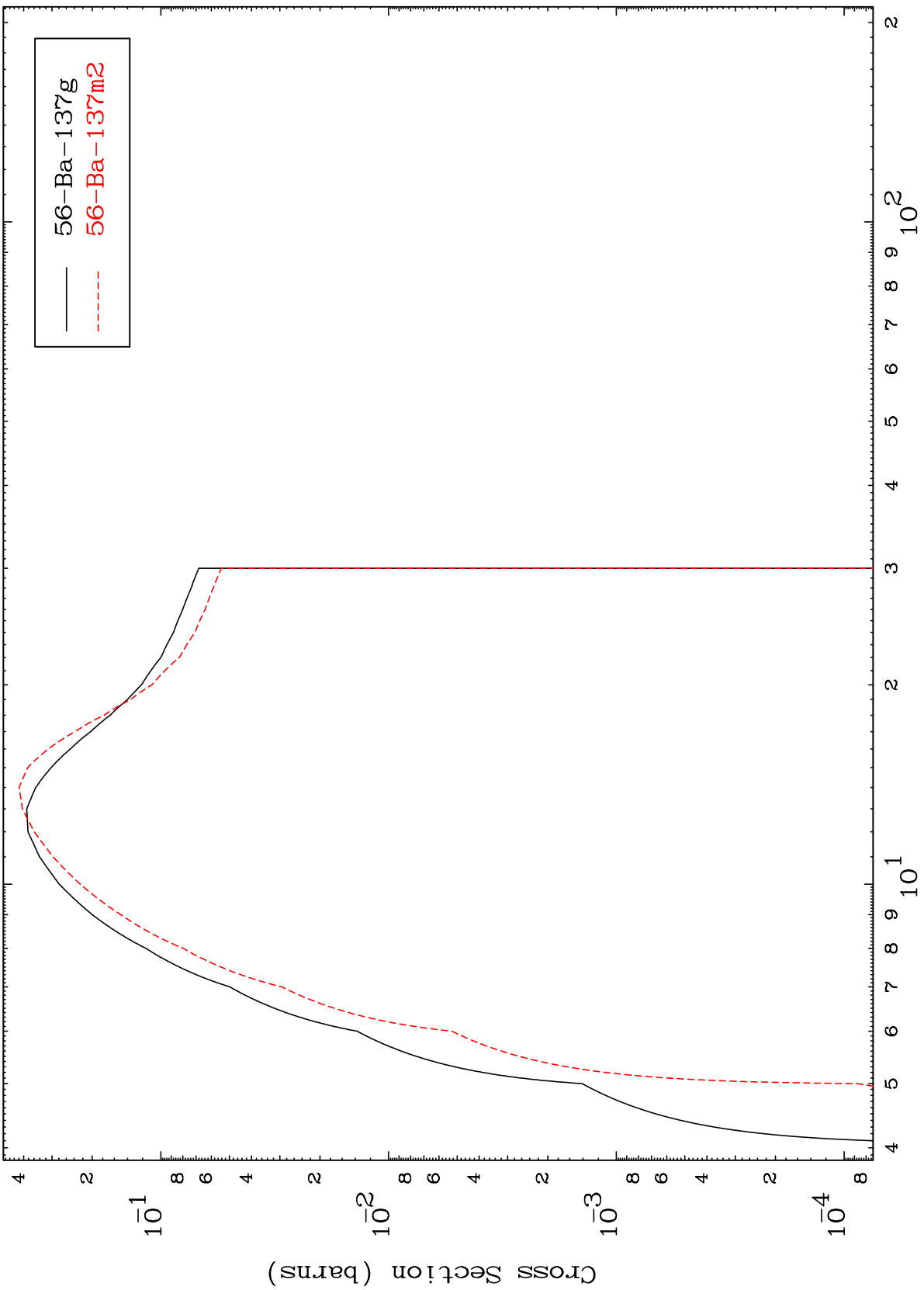
55-Cs-138



Radionuclide Production Cross Section



(n,2n)
Radionuclide Production Cross Section

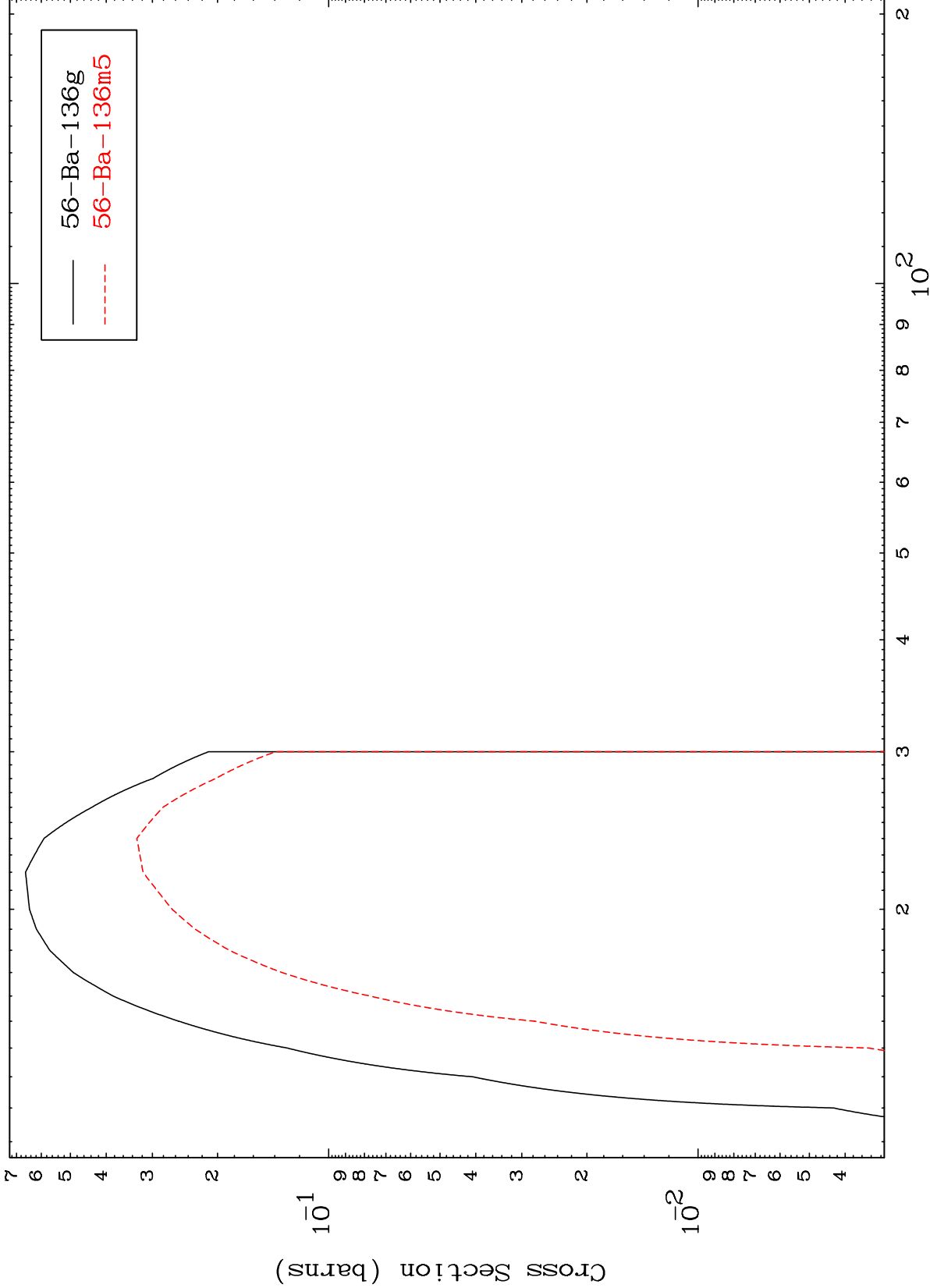


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(n,3n)

55-Cs-138

Radionuclide Production Cross Section



14

Incident Energy (MeV)

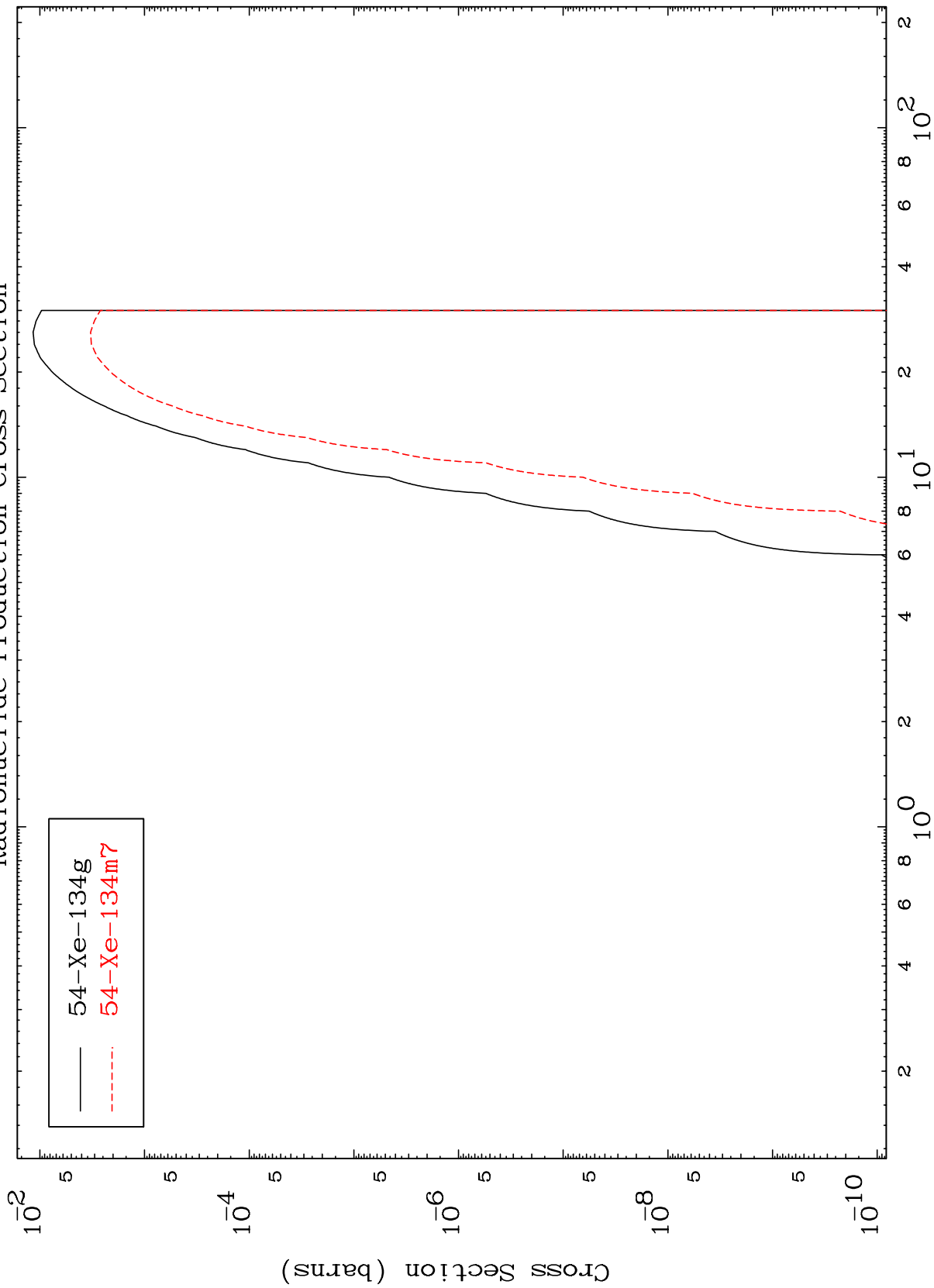
55-Cs-138

MAT 5540

$(n, n') \alpha$

55-Cs-138

Radionuclide Production Cross Section



15

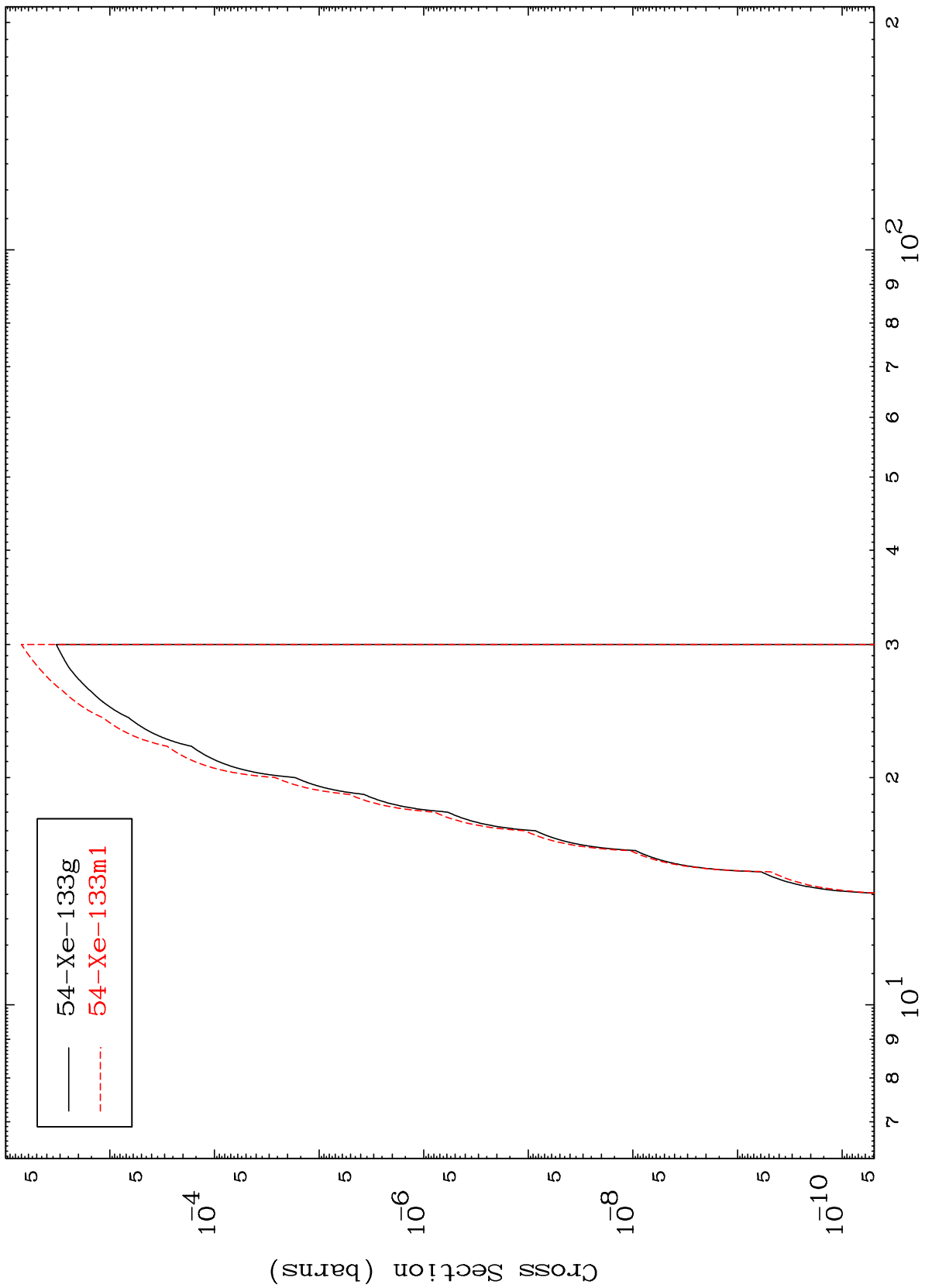
55-Cs-138

MAT 5540

55-Cs-138

(n,2n) α

Radionuclide Production Cross Section



16

Incident Energy (MeV)

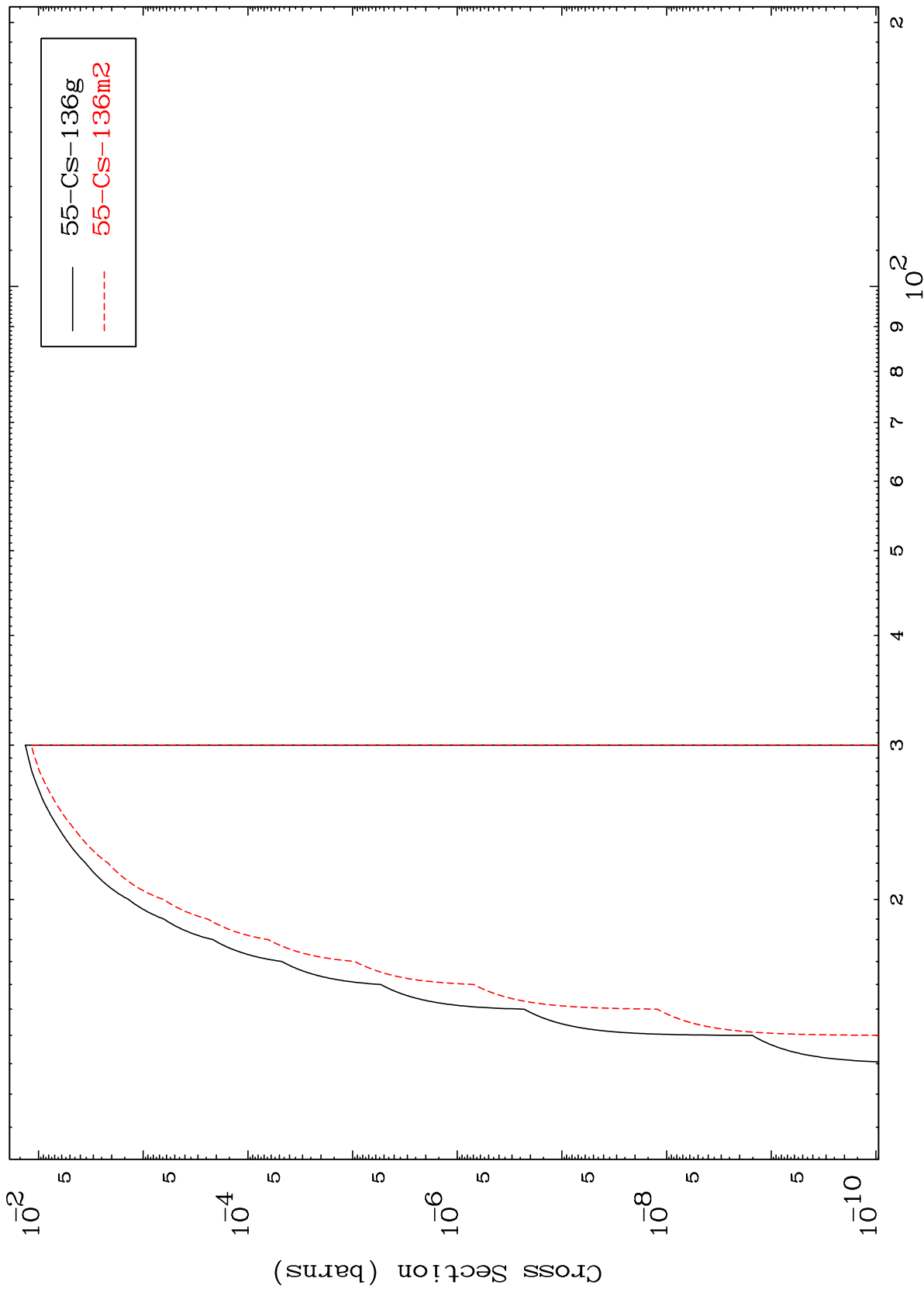
55-Cs-138

MAT 5540

(n,n') d

55-Cs-138

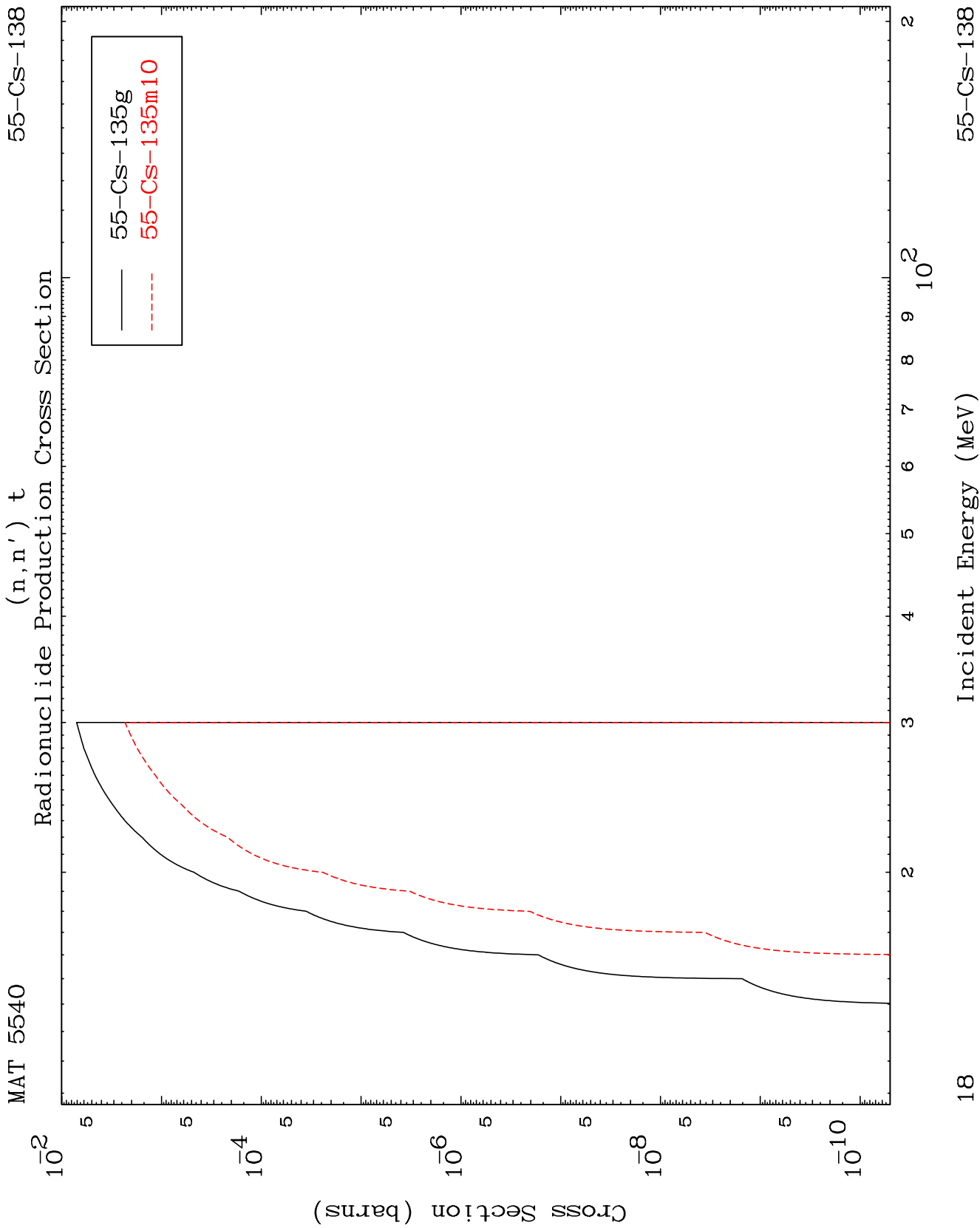
Radionuclide Production Cross Section



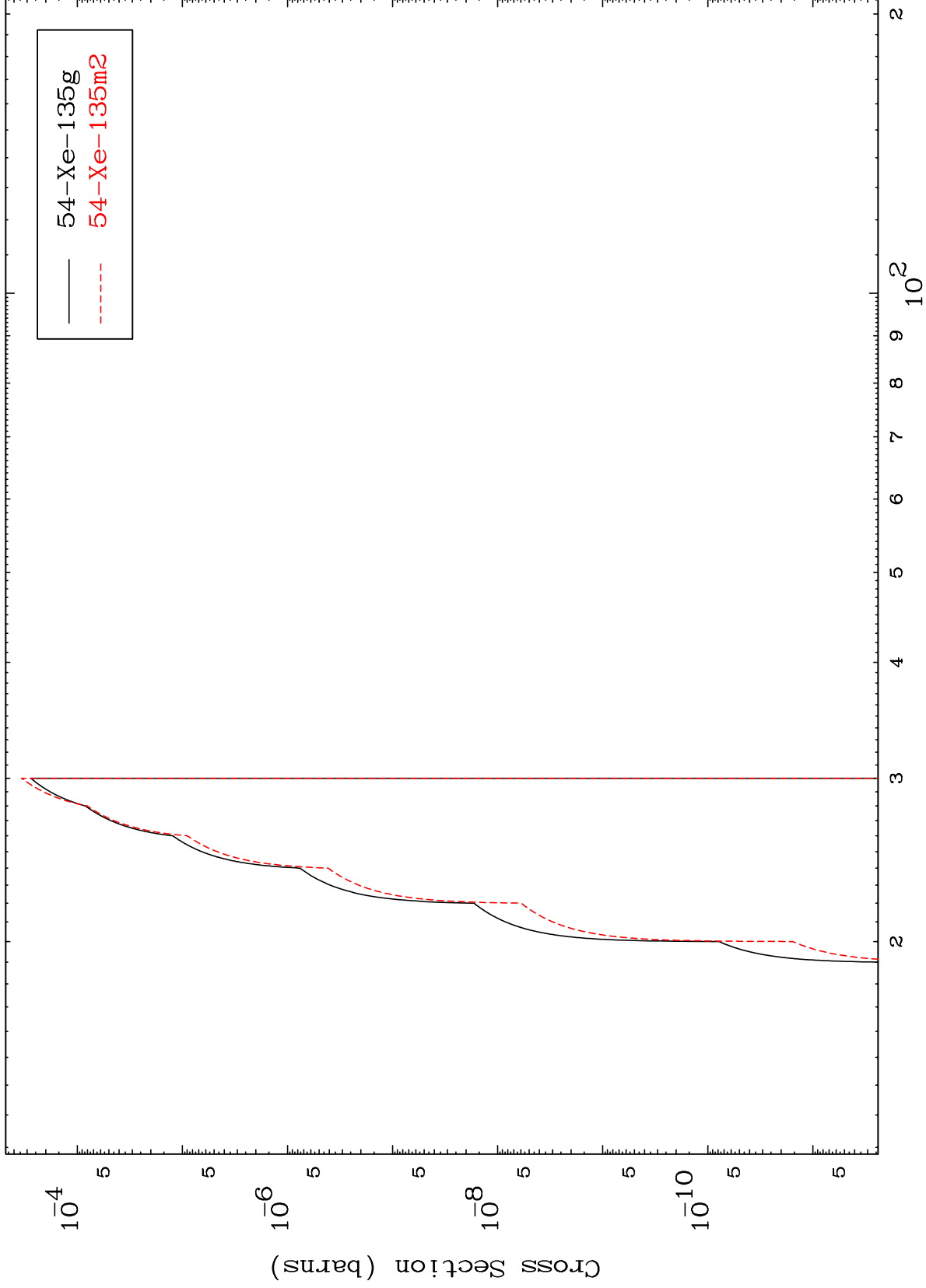
17

Incident Energy (MeV)

55-Cs-138



Radionuclide Production Cross Section

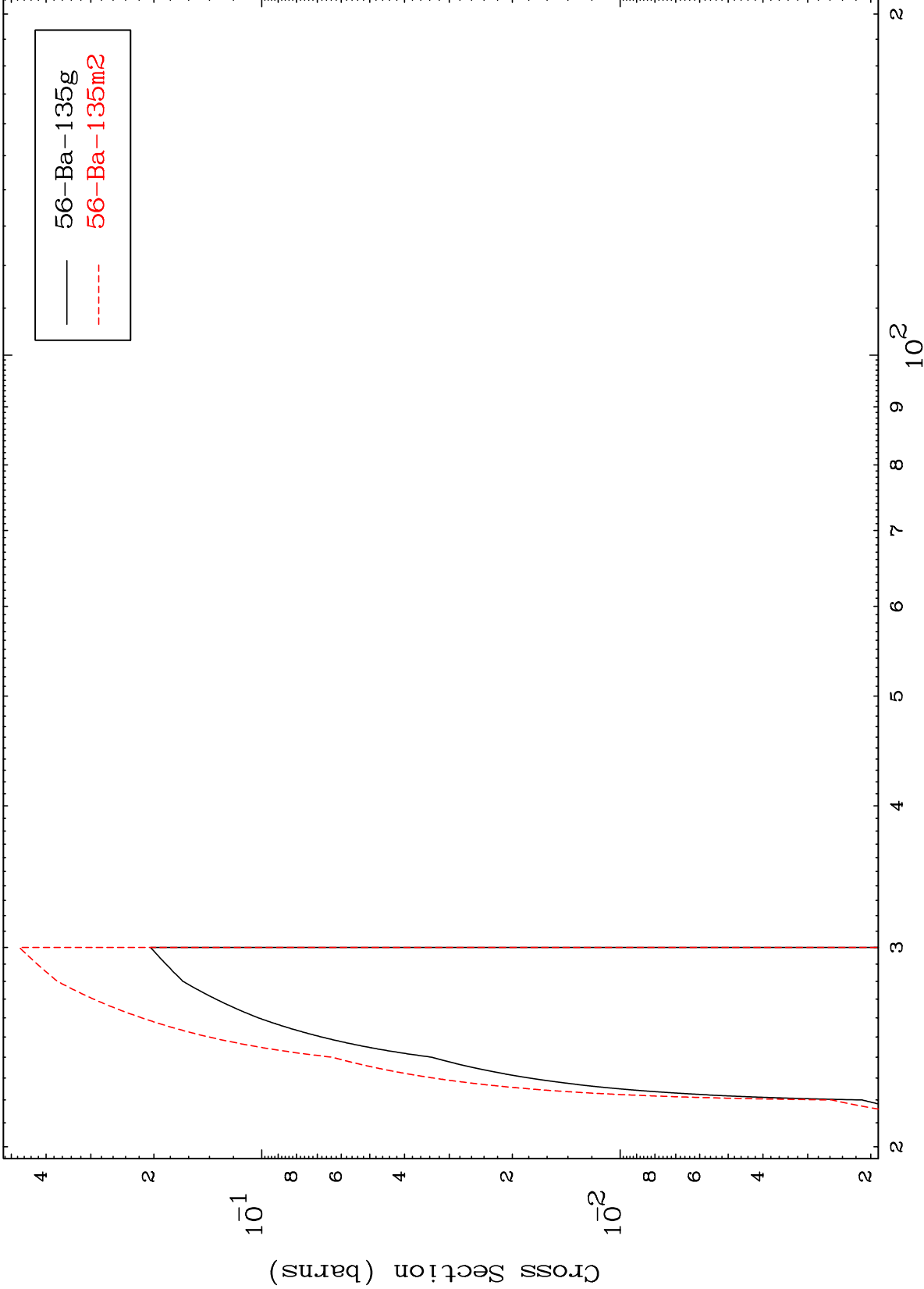


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(n,4n)

55-Cs-138

Radionuclide Production Cross Section



20

Incident Energy (MeV)

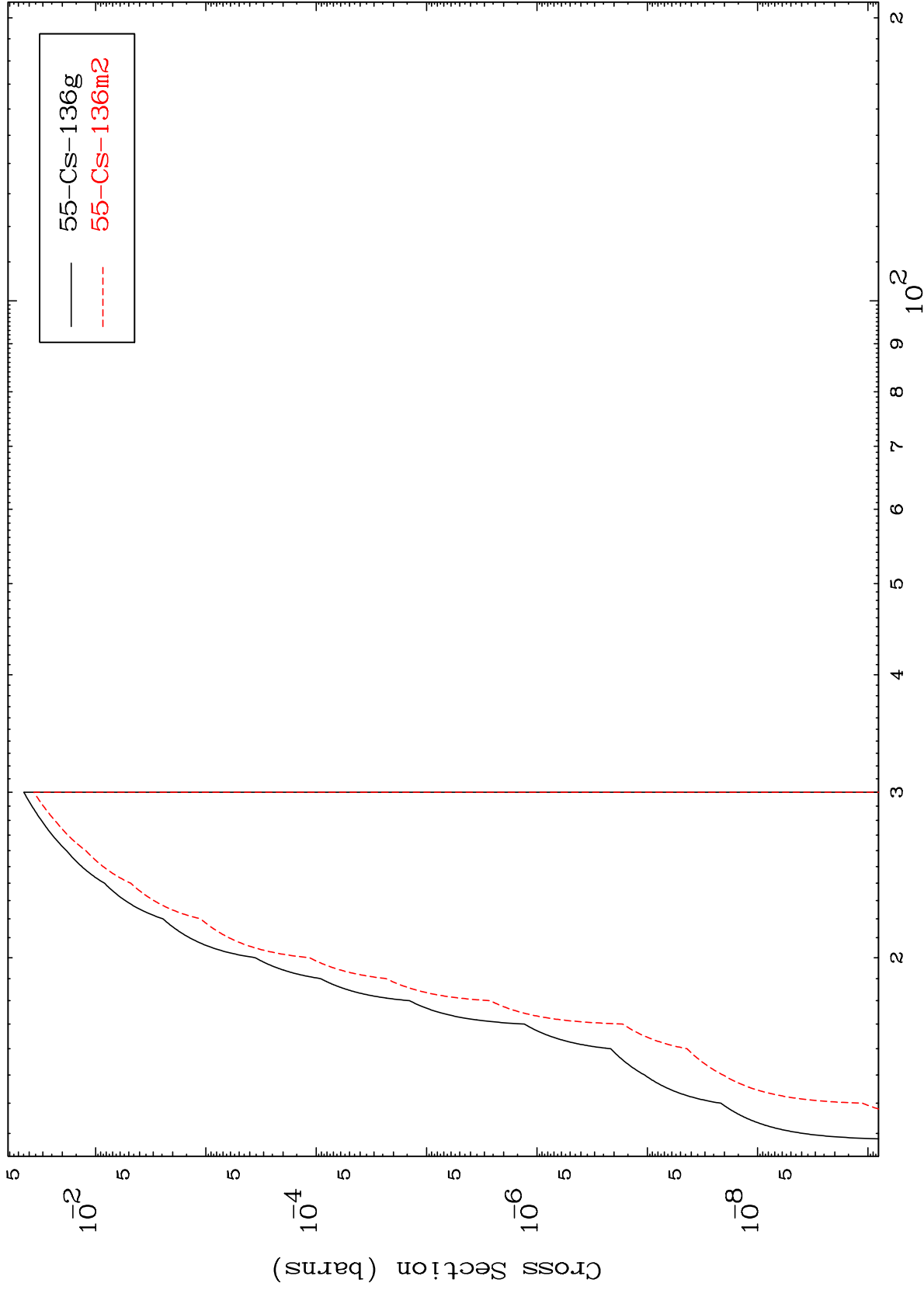
55-Cs-138

MAT 5540

(n,2n) p

55-Cs-138

Radionuclide Production Cross Section



21

Incident Energy (MeV)

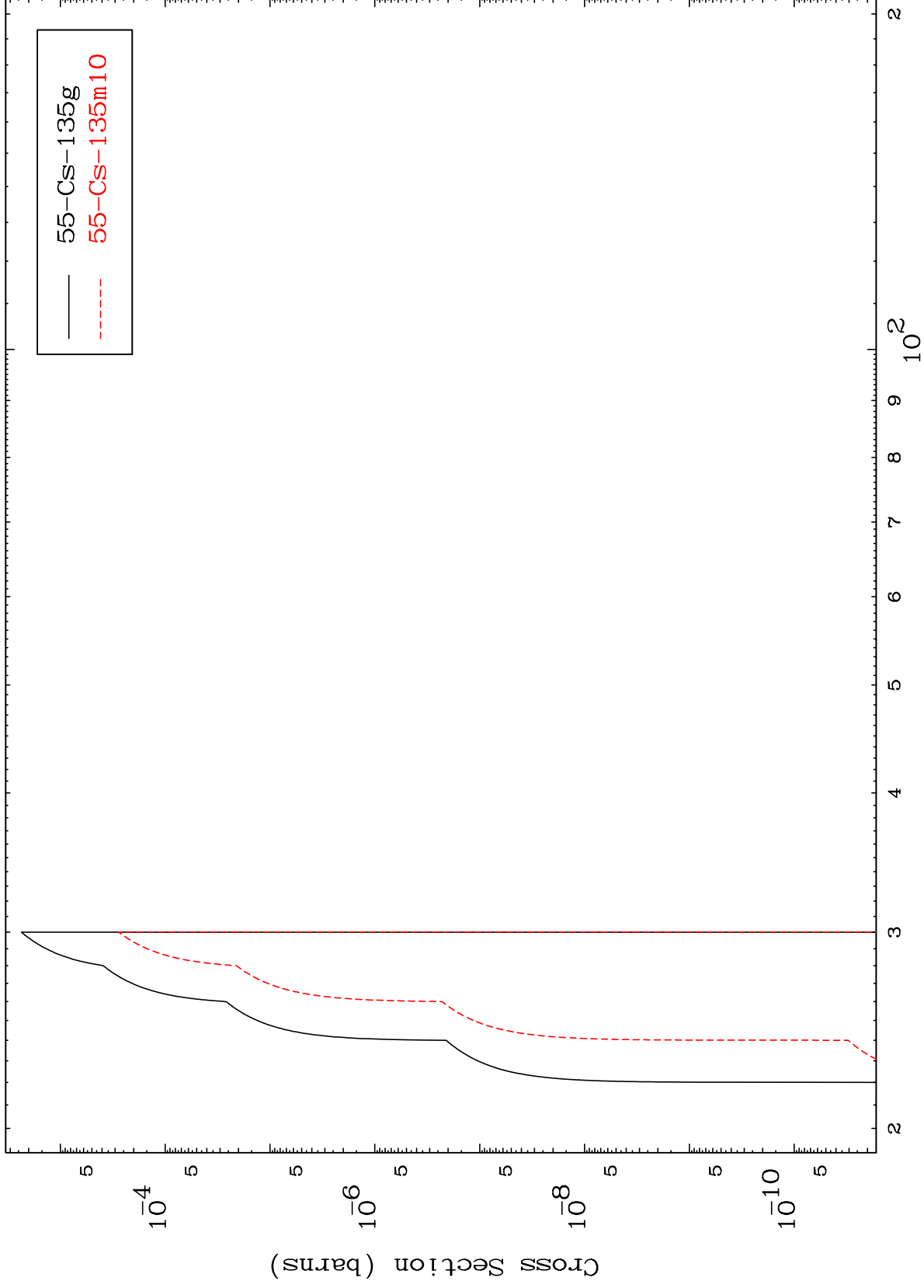
55-Cs-138

MAT 5540

(n,3n) p

55-Cs-138

Radionuclide Production Cross Section



22

Incident Energy (MeV)

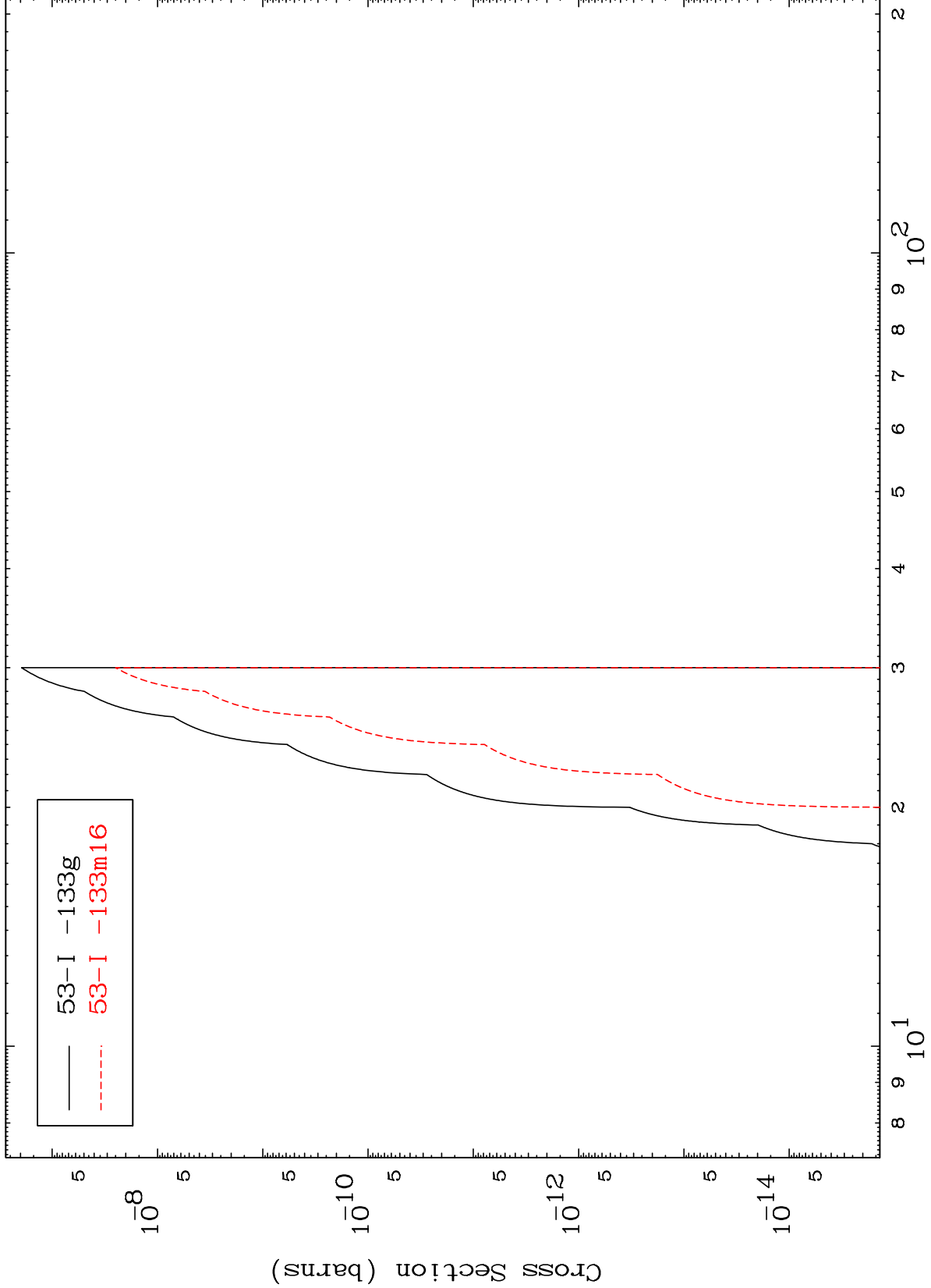
55-Cs-138

MAT 5540

(n,n') p α

55-Cs-138

Radionuclide Production Cross Section

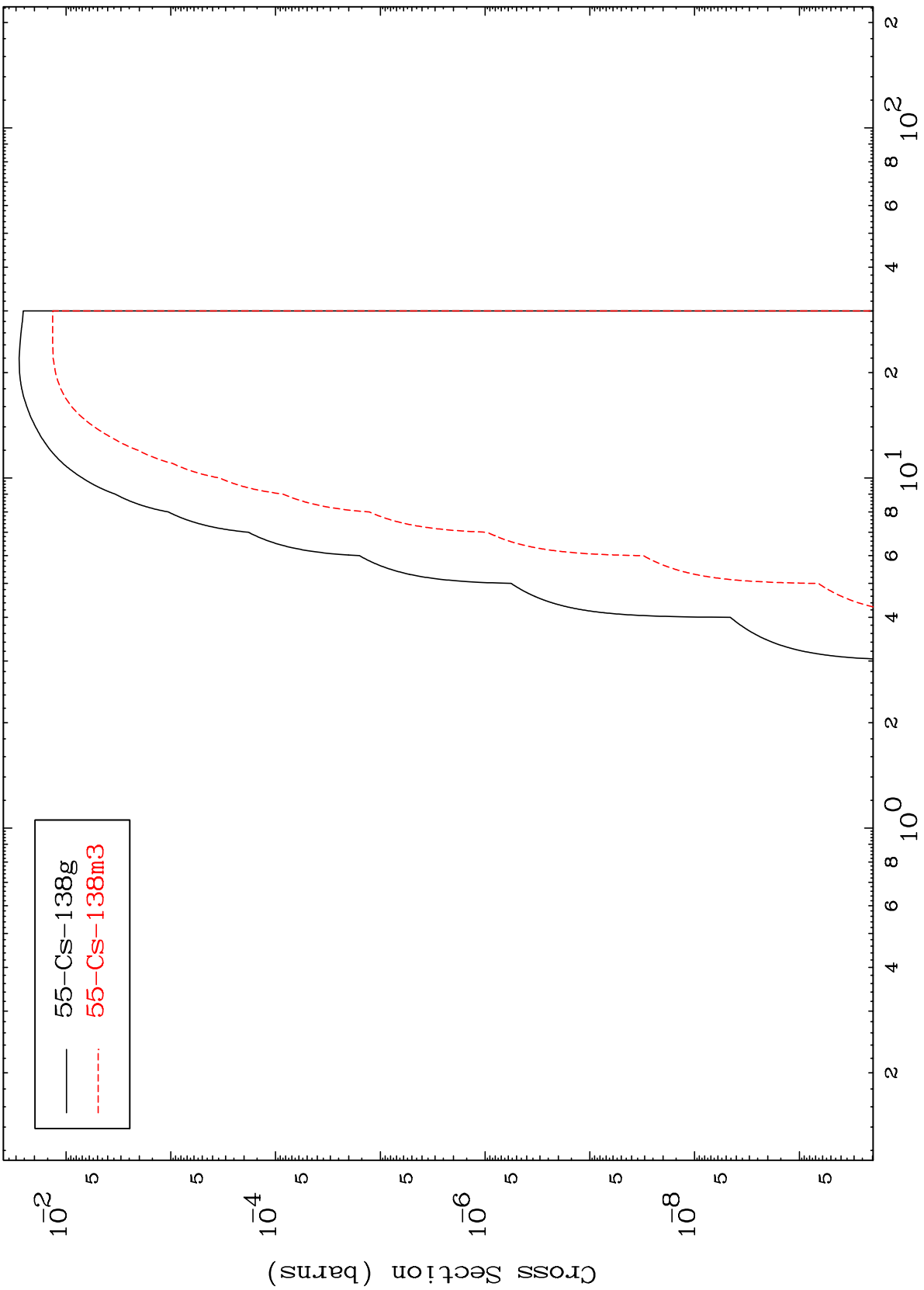


53-I -133g
53-I -133m16

MAT 5540

55-Cs-138

(n,p)
Radionuclide Production Cross Section



55-Cs-138

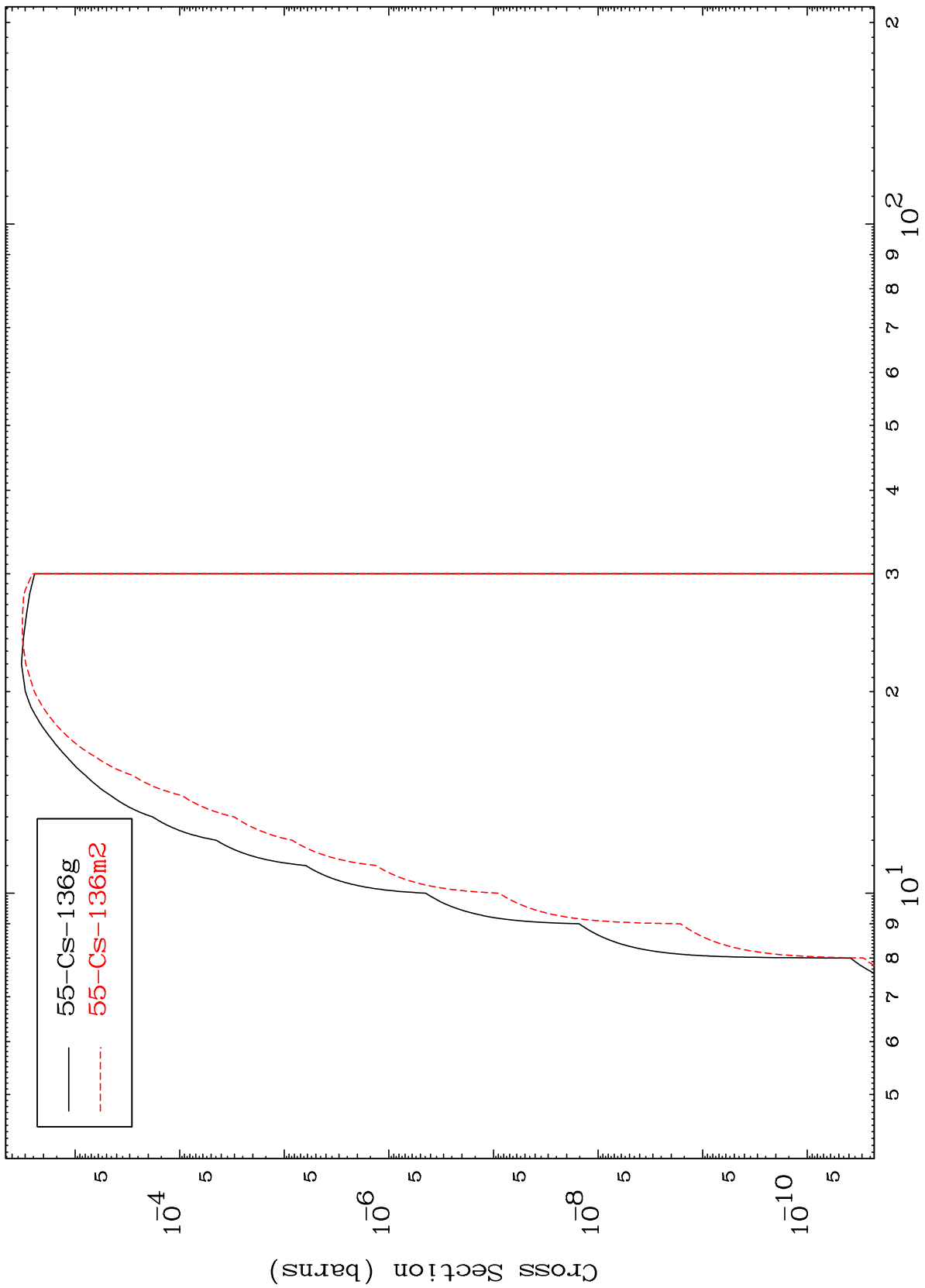
Incident Energy (MeV)

24

MAT 5540

55-Cs-138

(n, t)
Radionuclide Production Cross Section



25

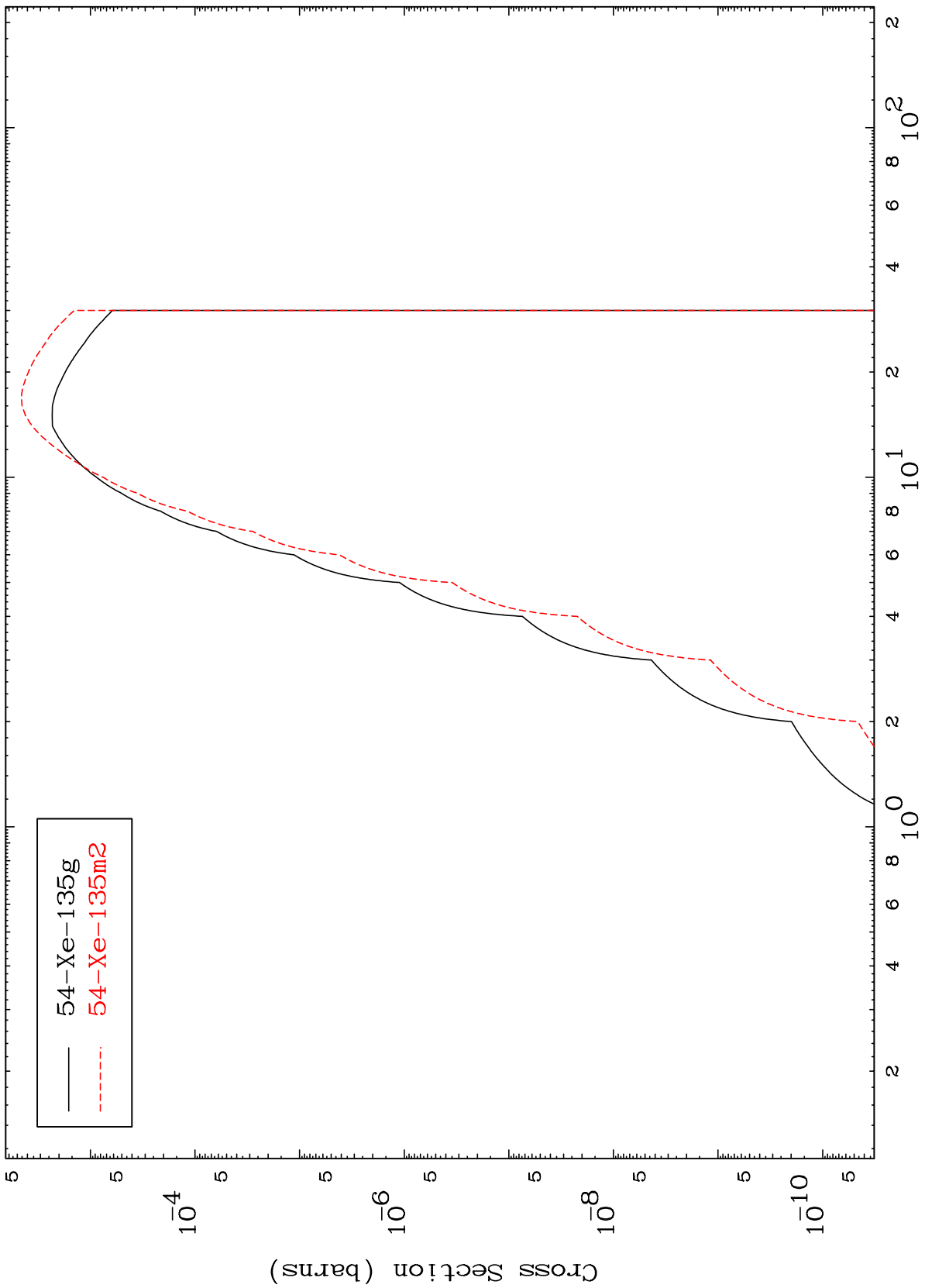
55-Cs-138

Incident Energy (MeV)

MAT 5540

55-Cs-138

(n, α)
Radionuclide Production Cross Section



55-Cs-138

Incident Energy (MeV)

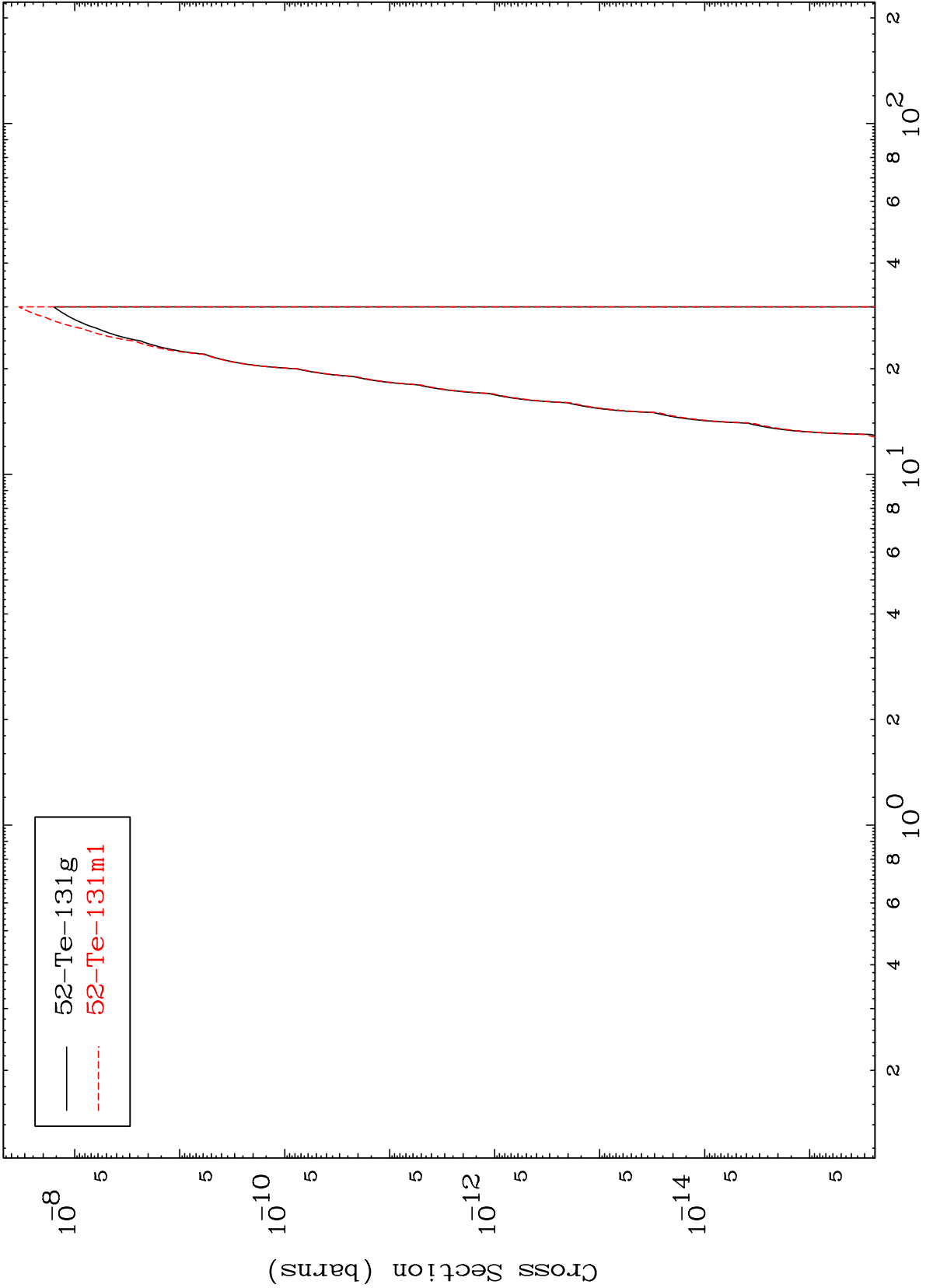
26

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(n,2α)

55-Cs-138

Radionuclide Production Cross Section

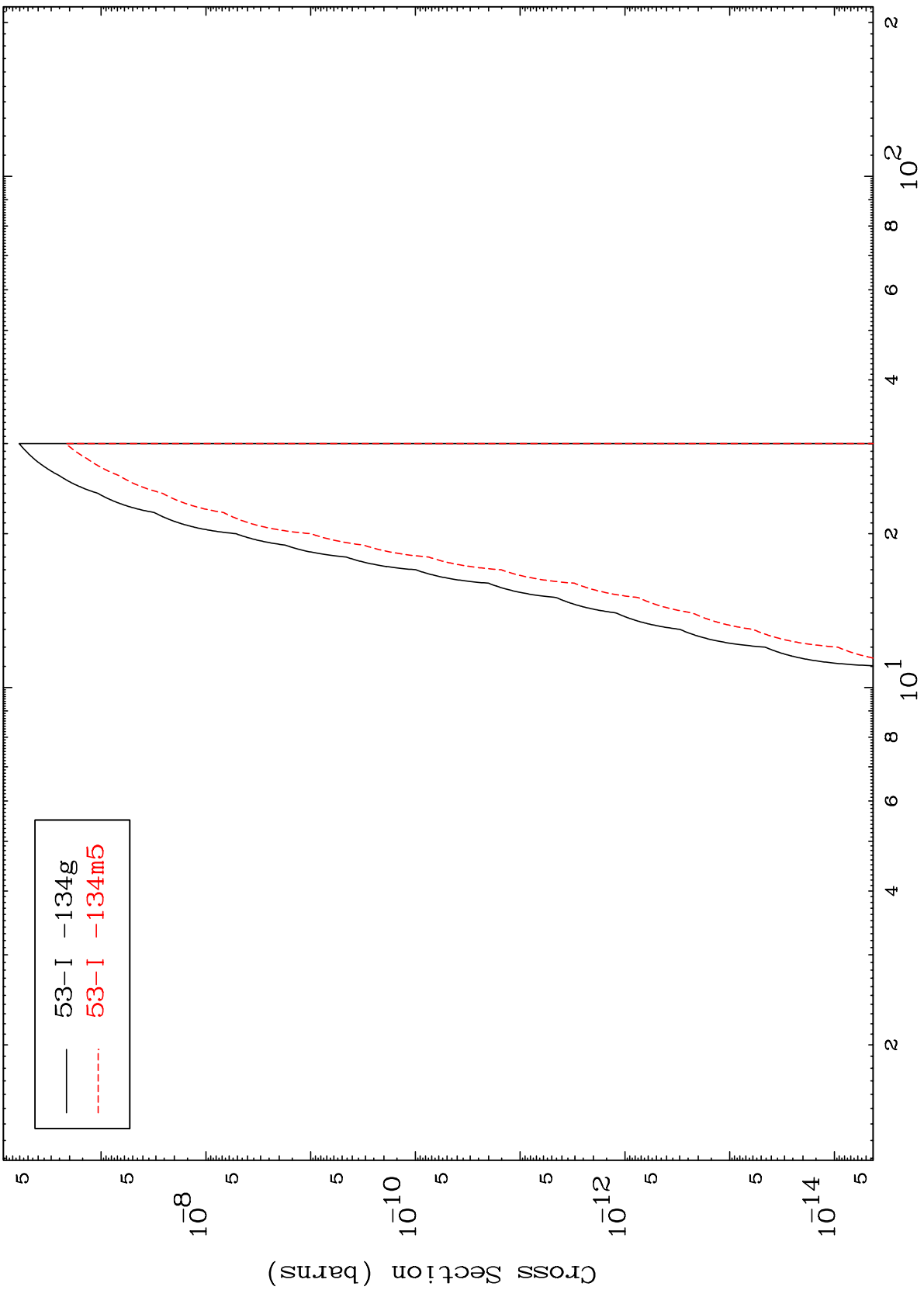


MAT 5540

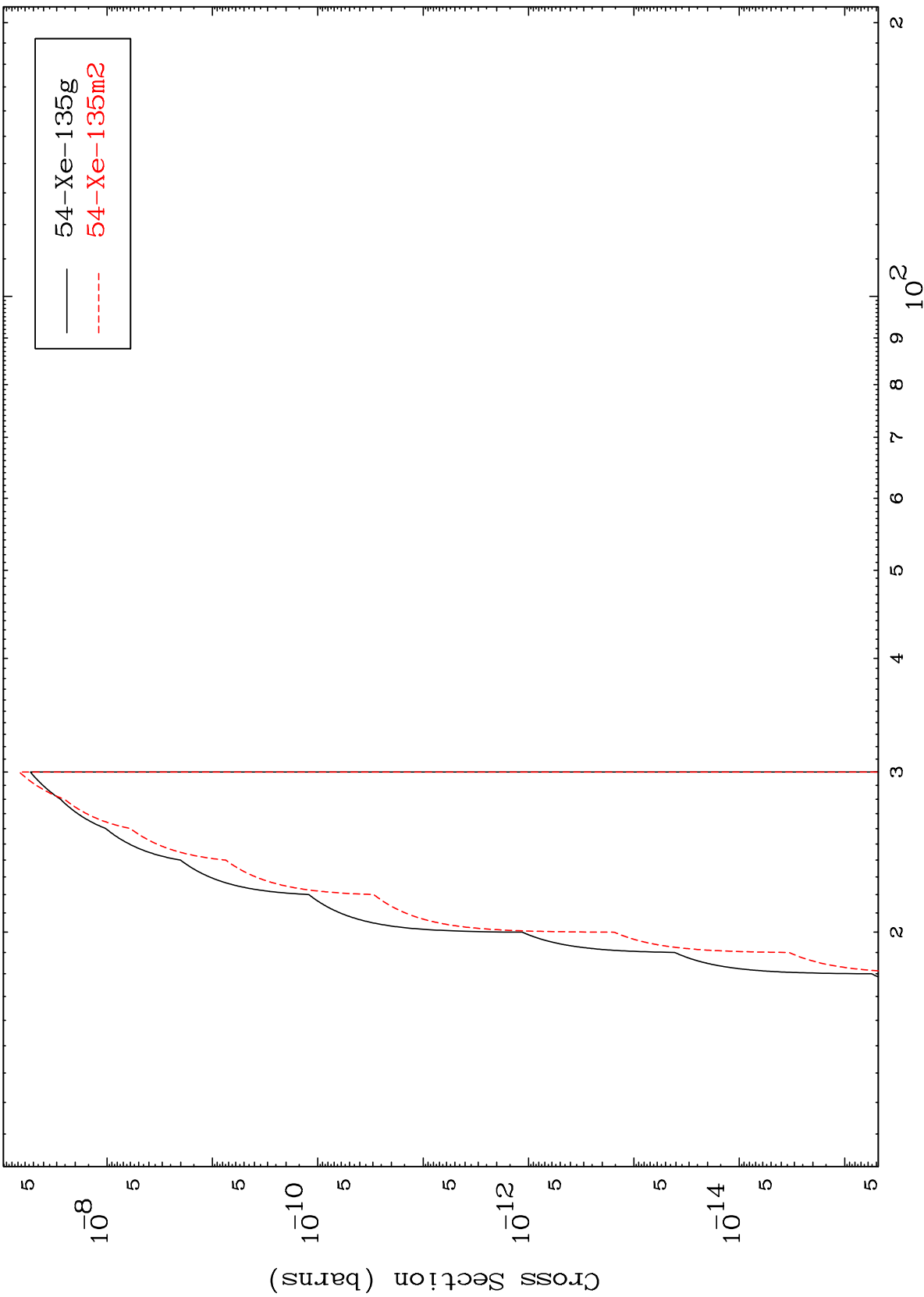
(n,p) α

55-Cs-138

Radionuclide Production Cross Section



Radionuclide Production Cross Section

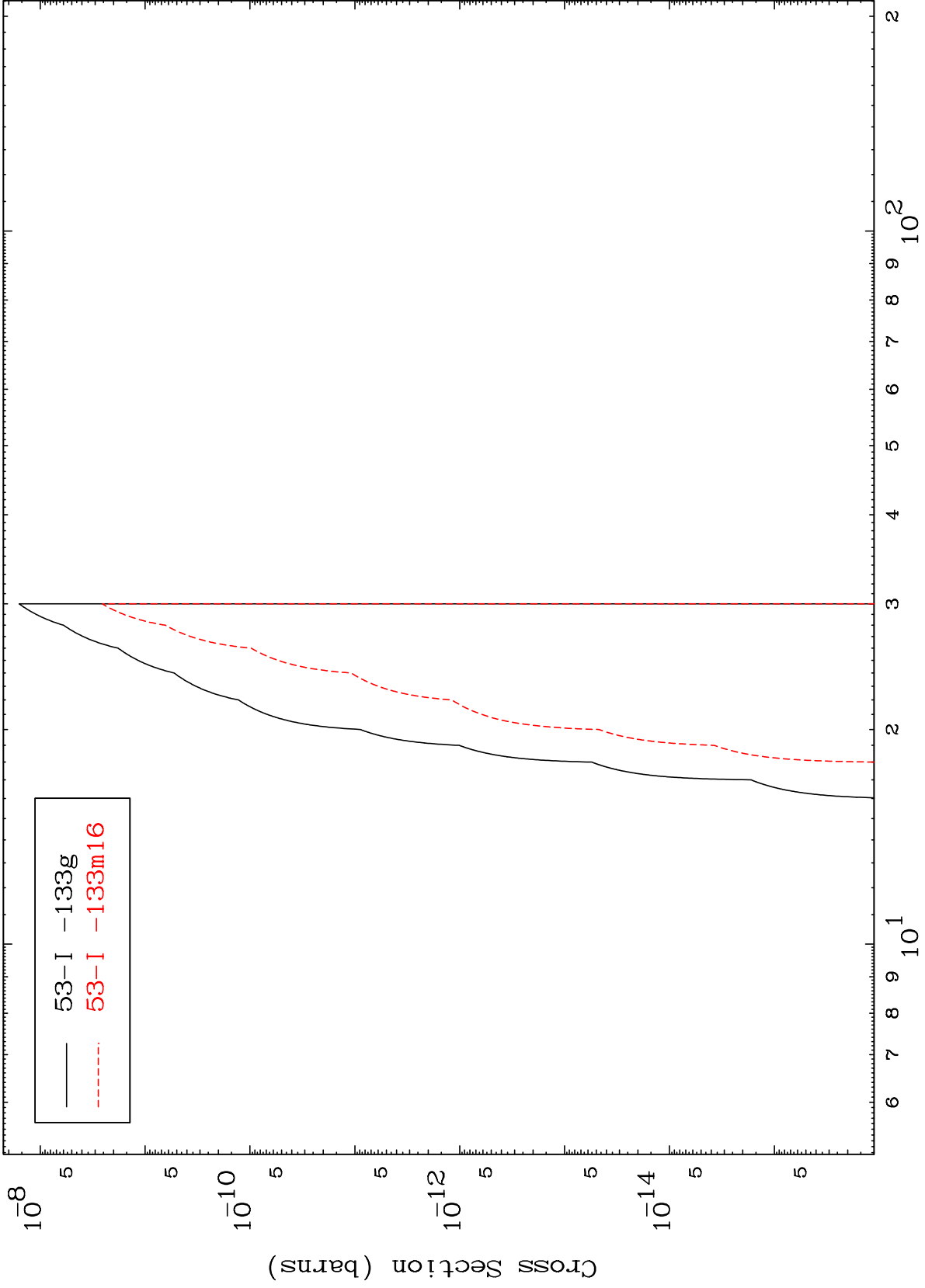


MAT 5540

(n,d) α

55-Cs-138

Radionuclide Production Cross Section



30

Incident Energy (MeV)

55-Cs-138