

Program EVALPLOT  
(Version 2021-1)

by

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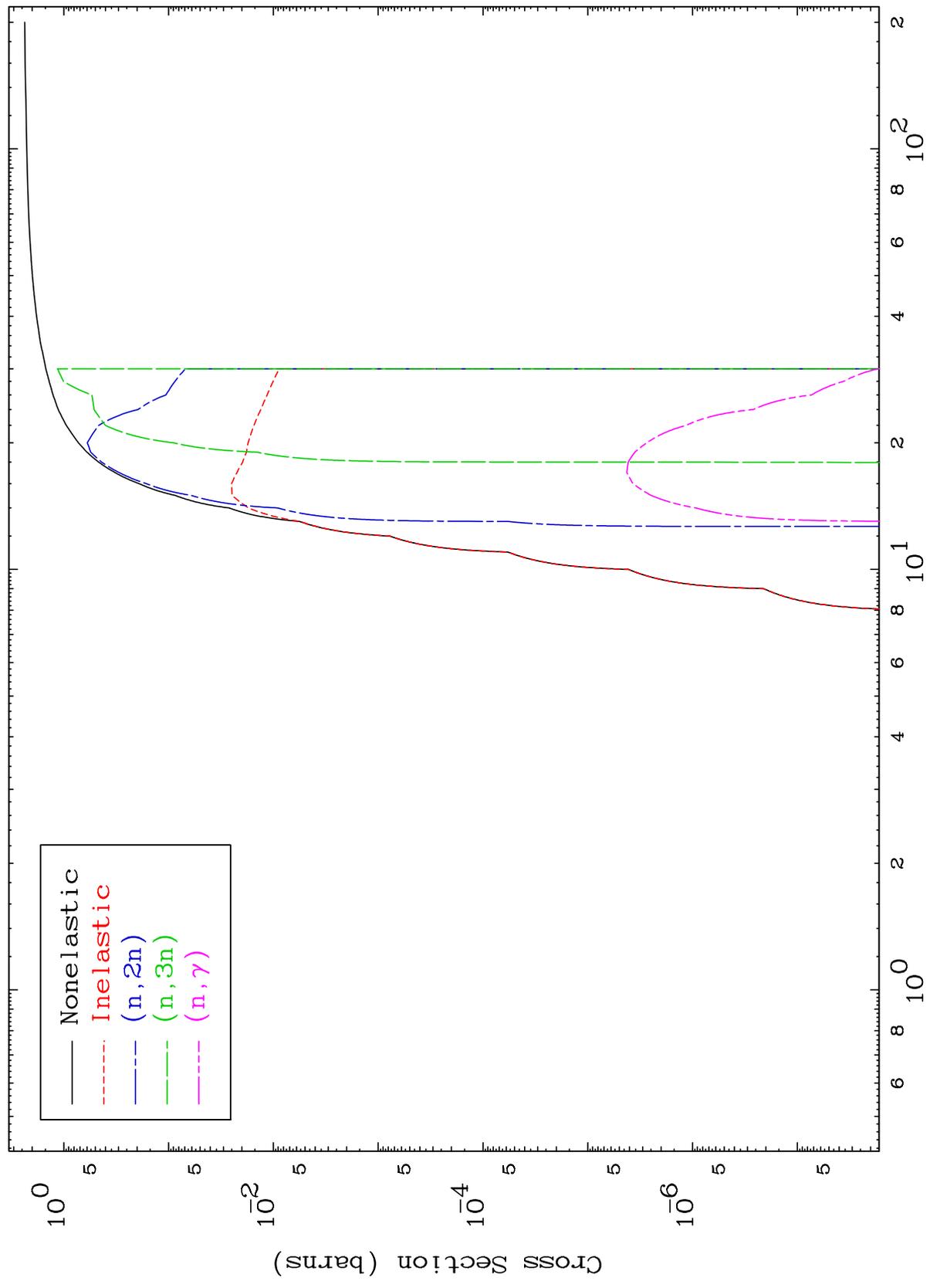
Press Mouse Button to Start

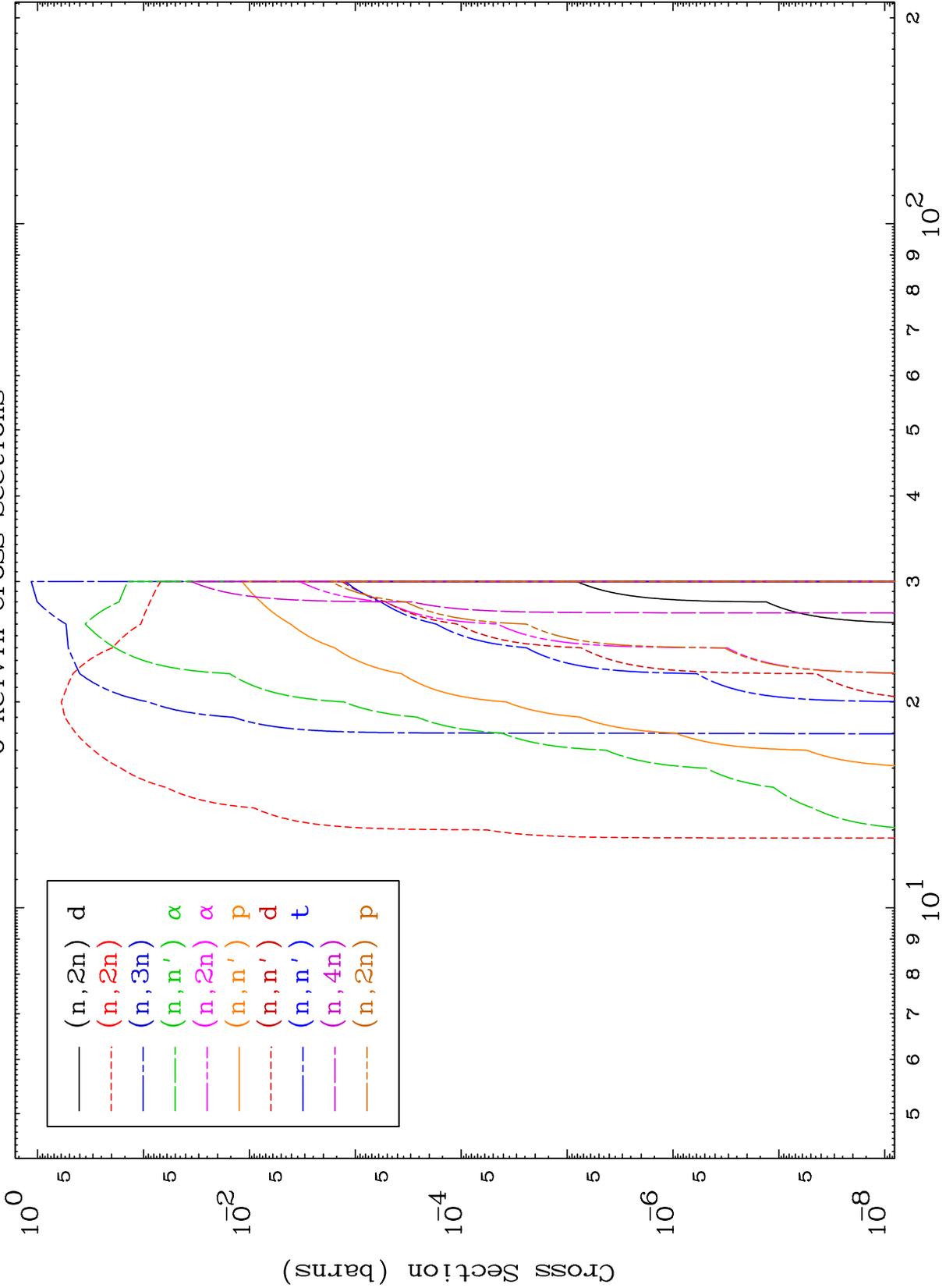
MAT 5540

0 Kelvin

Major

55-Cs-138

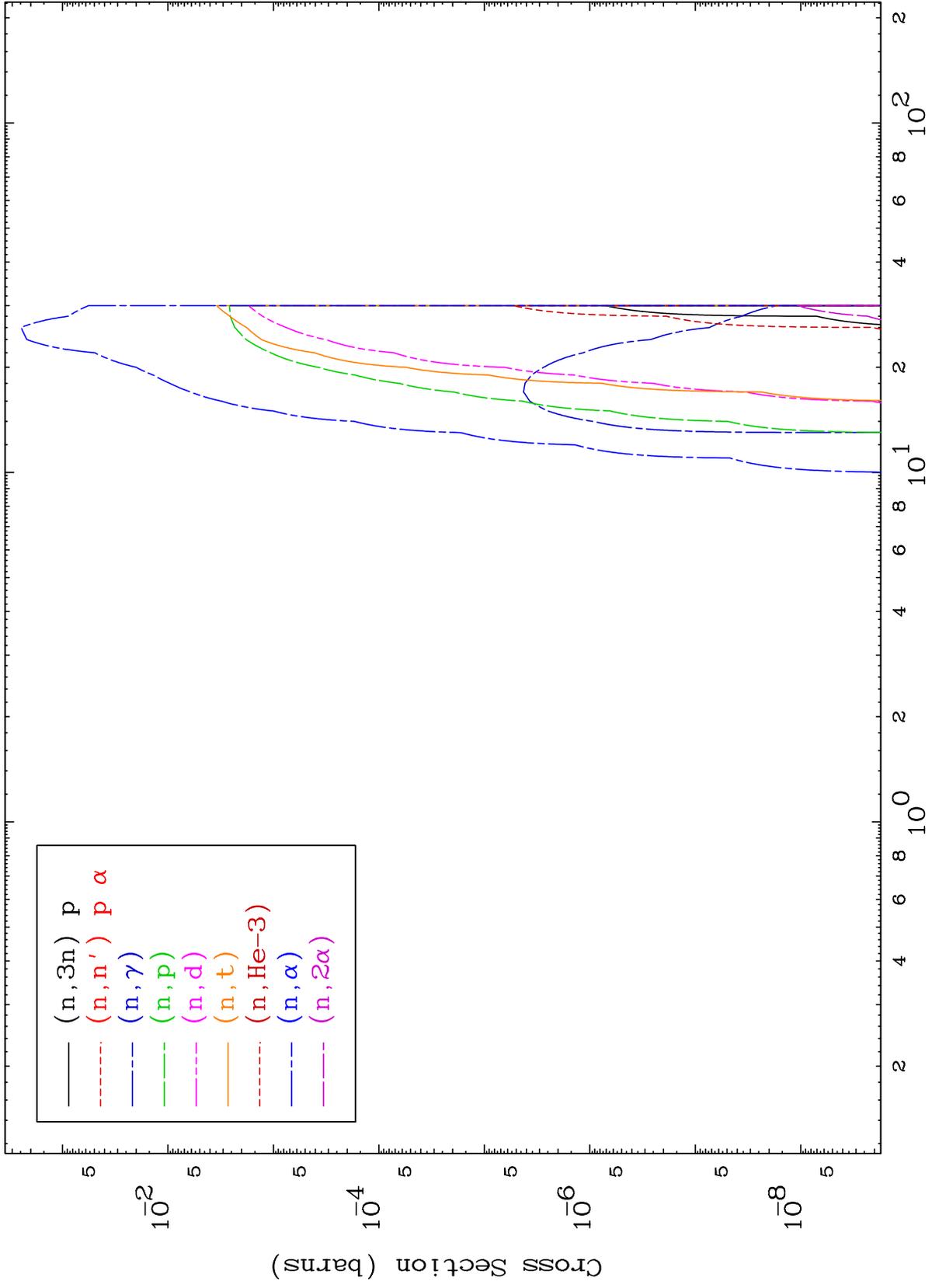




MAT 5540

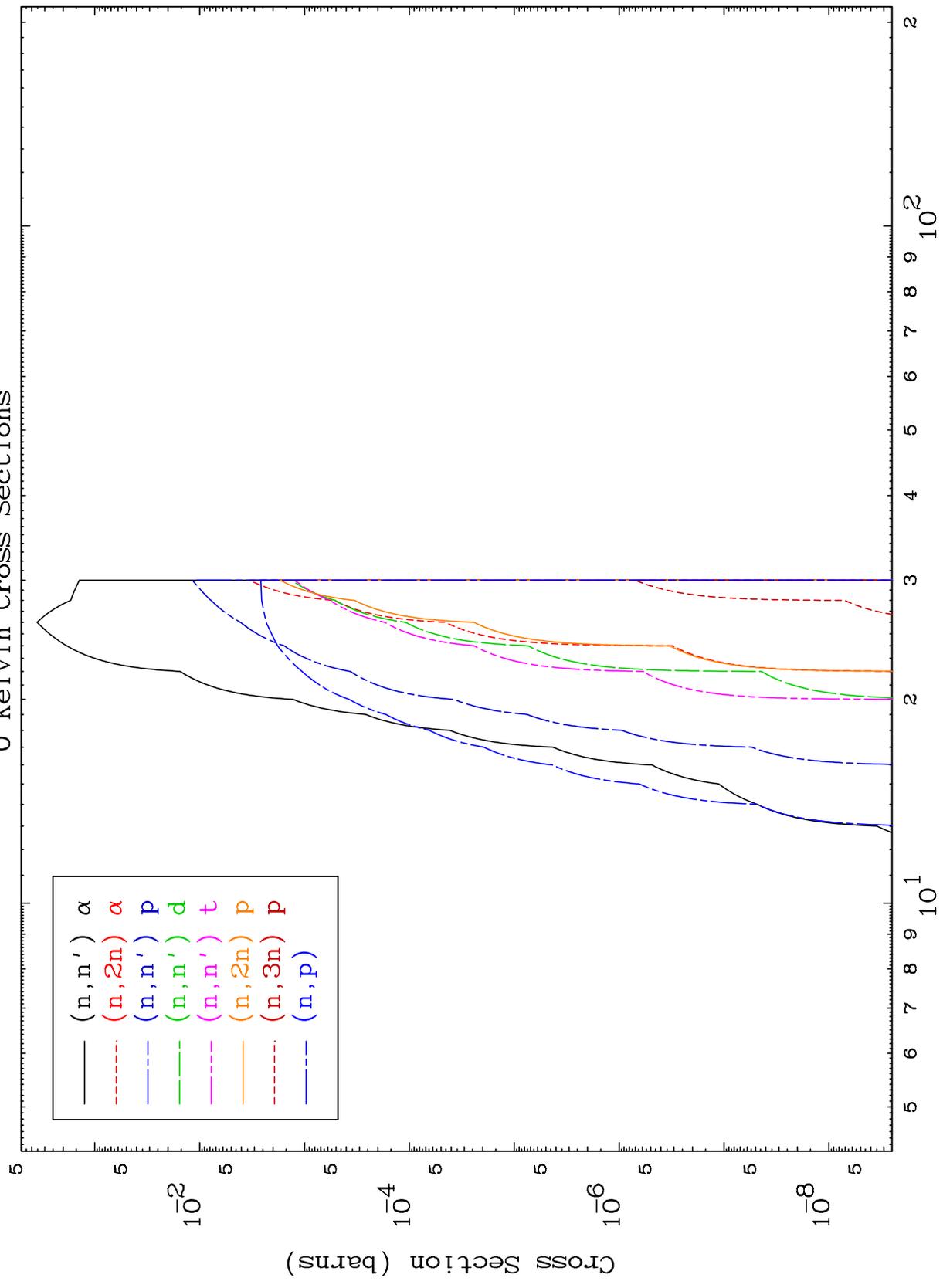
$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

55-Cs-138



55-Cs-138

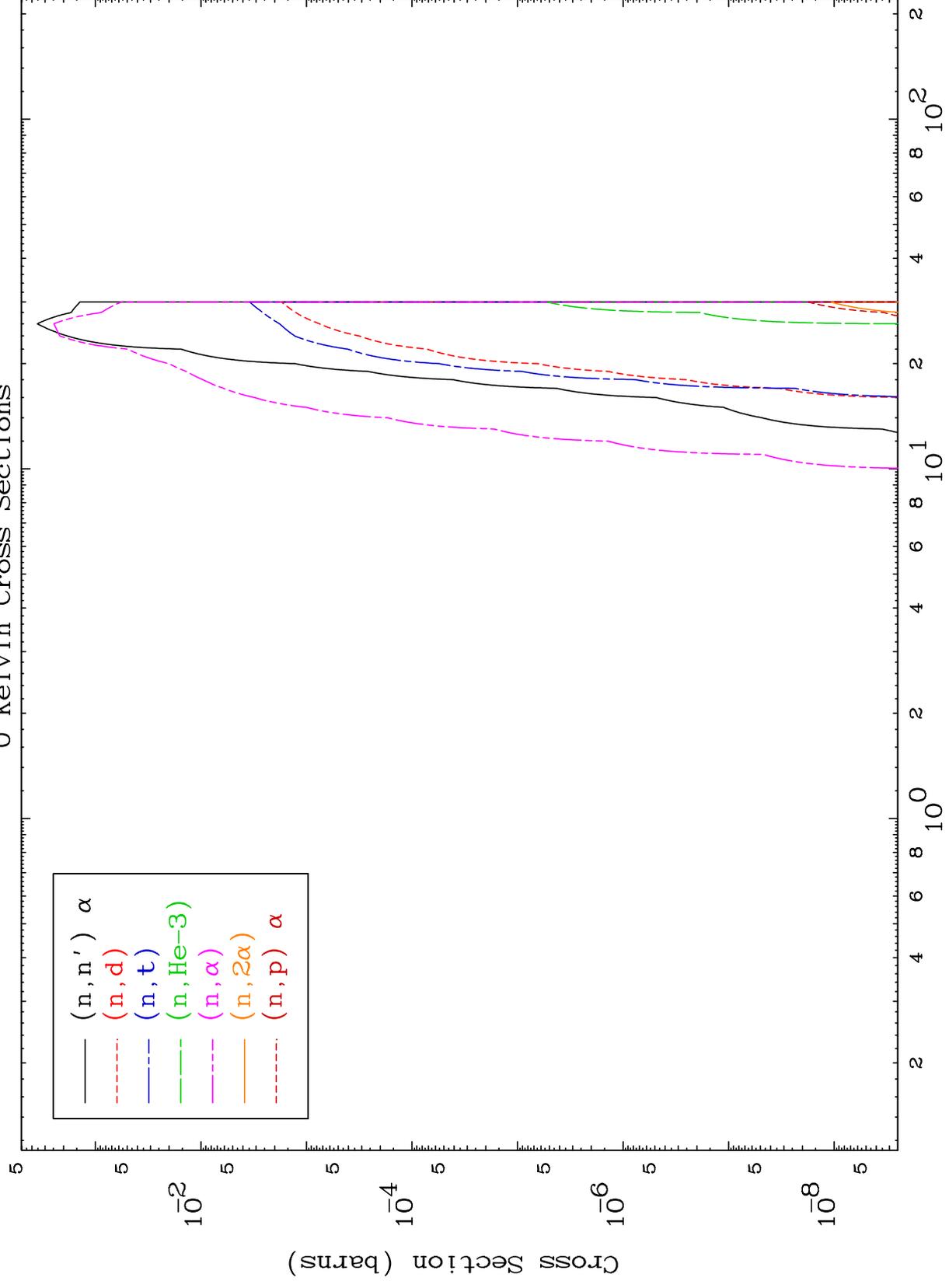
Incident Energy (MeV)



MAT 5540

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

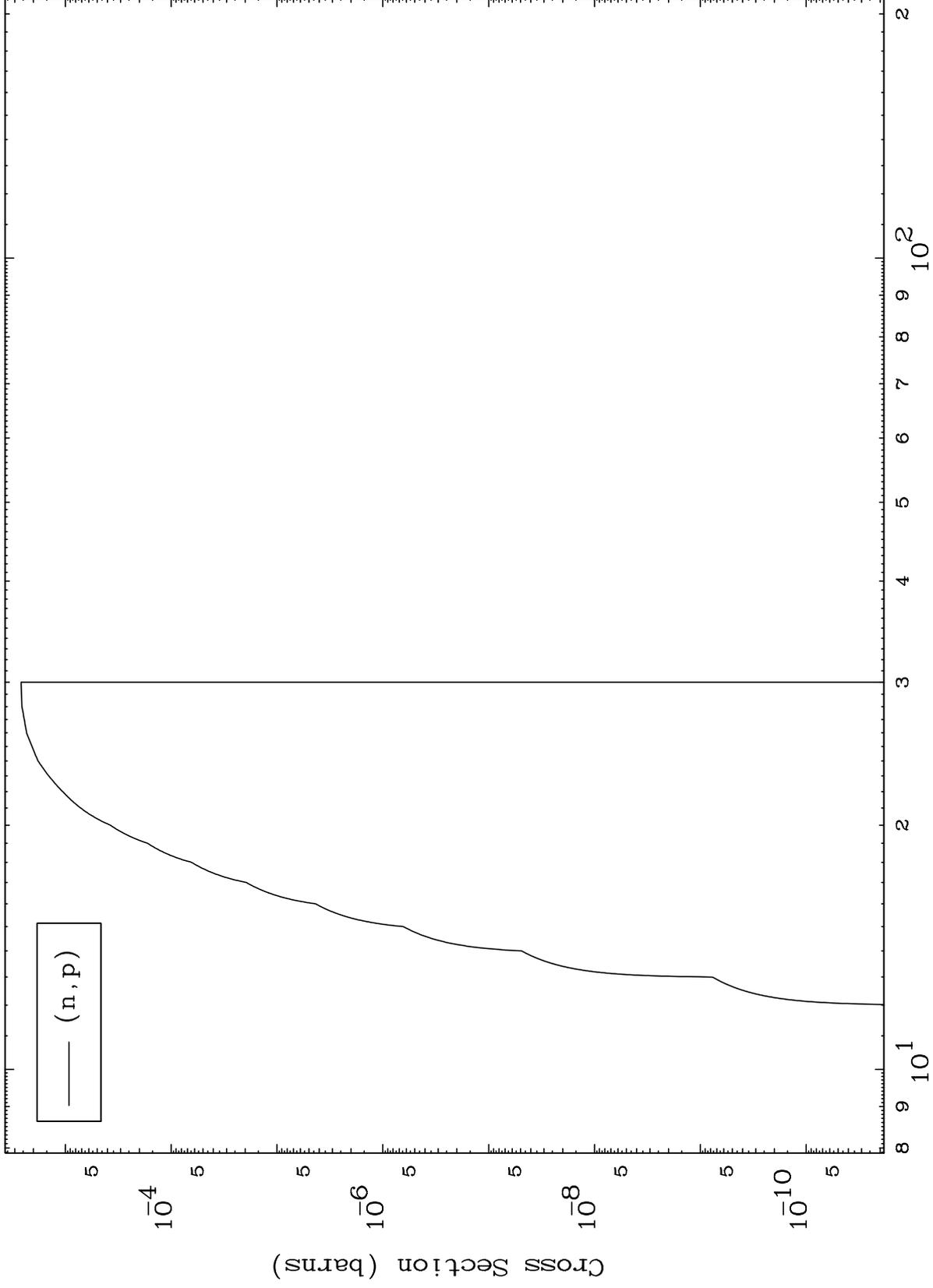
55-Cs-138



MAT 5540

( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections

55-Cs-138



Incident Energy (MeV)

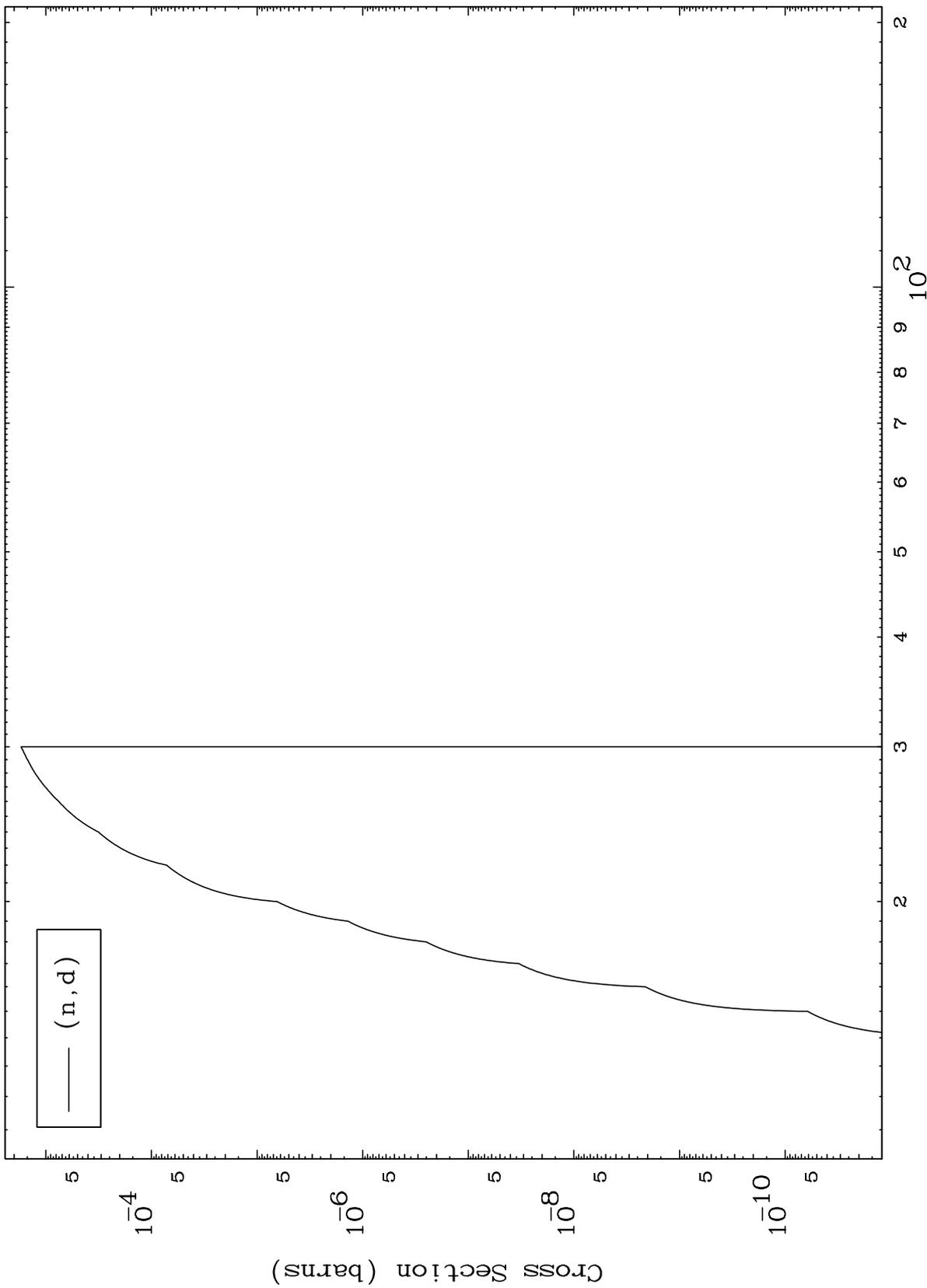
55-Cs-138

6

MAT 5540

55-Cs-138

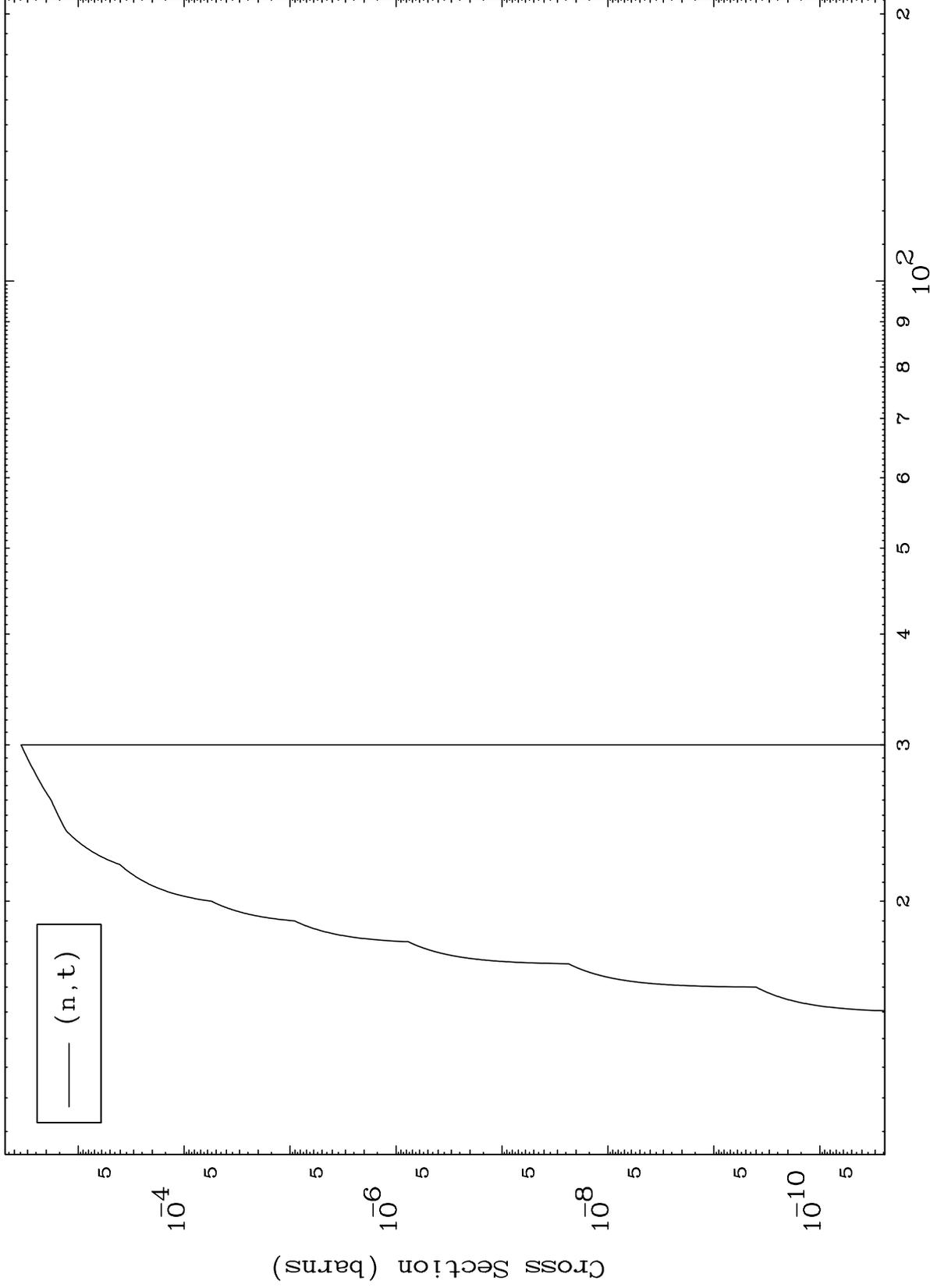
( $\alpha, d$ ) Levels  
0 Kelvin Cross Sections



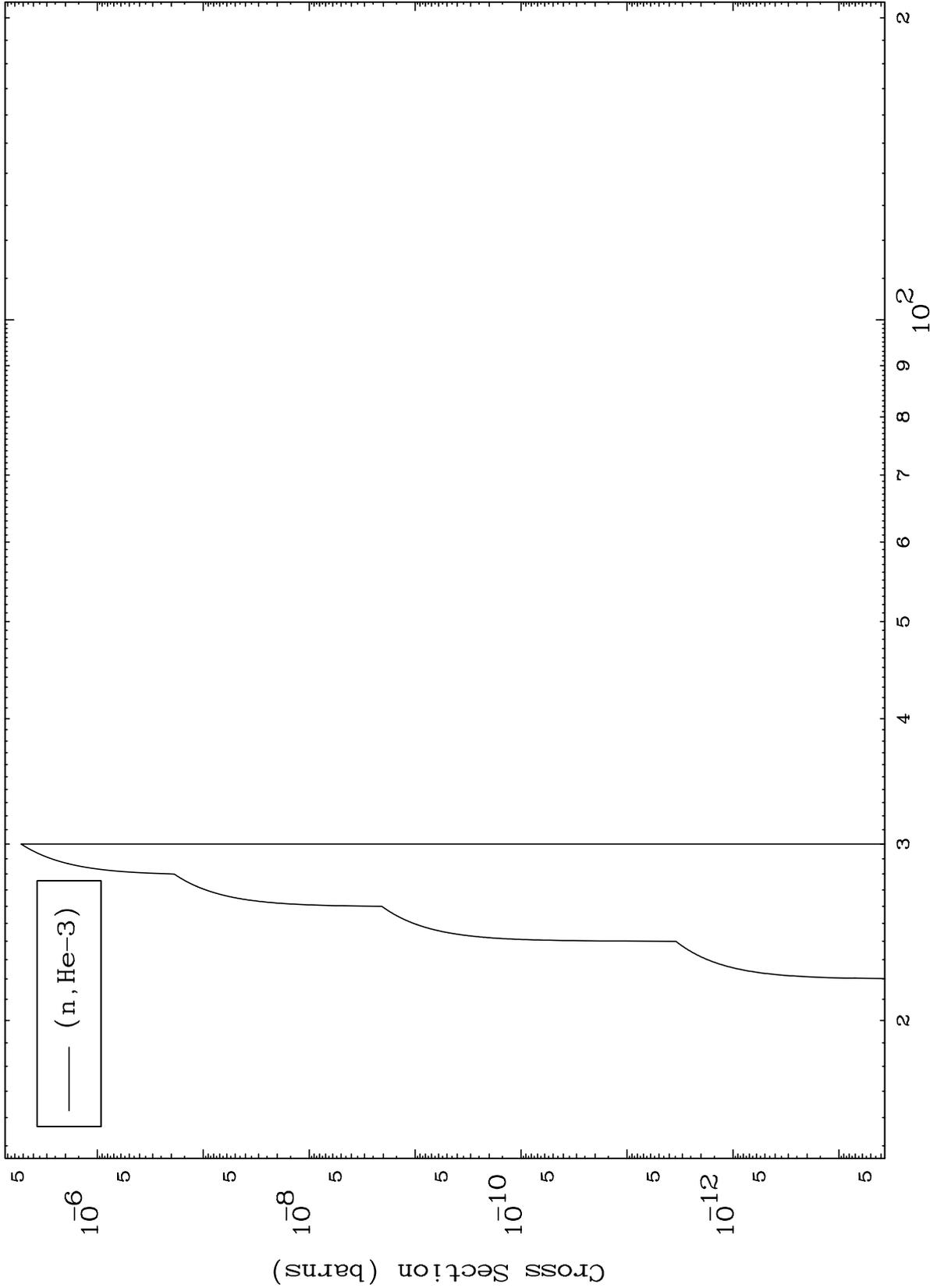
55-Cs-138

Incident Energy (MeV)

7



0 Kelvin Cross Sections

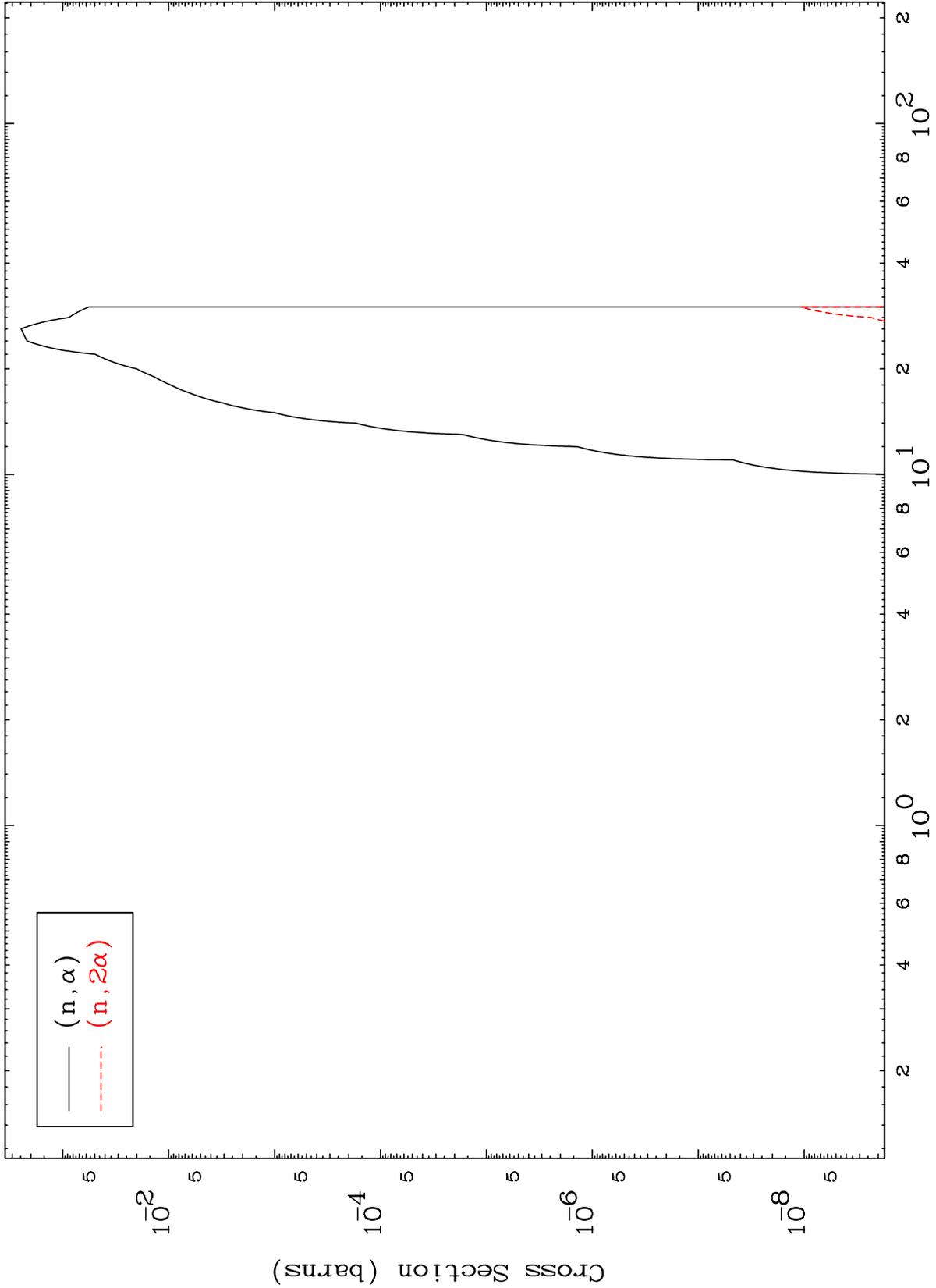


MAT 5540

( $\alpha, \alpha$ ) Levels

55-Cs-138

0 Kelvin Cross Sections



— ( $n, \alpha$ )  
- - - ( $n, 2\alpha$ )

10

Incident Energy (MeV)

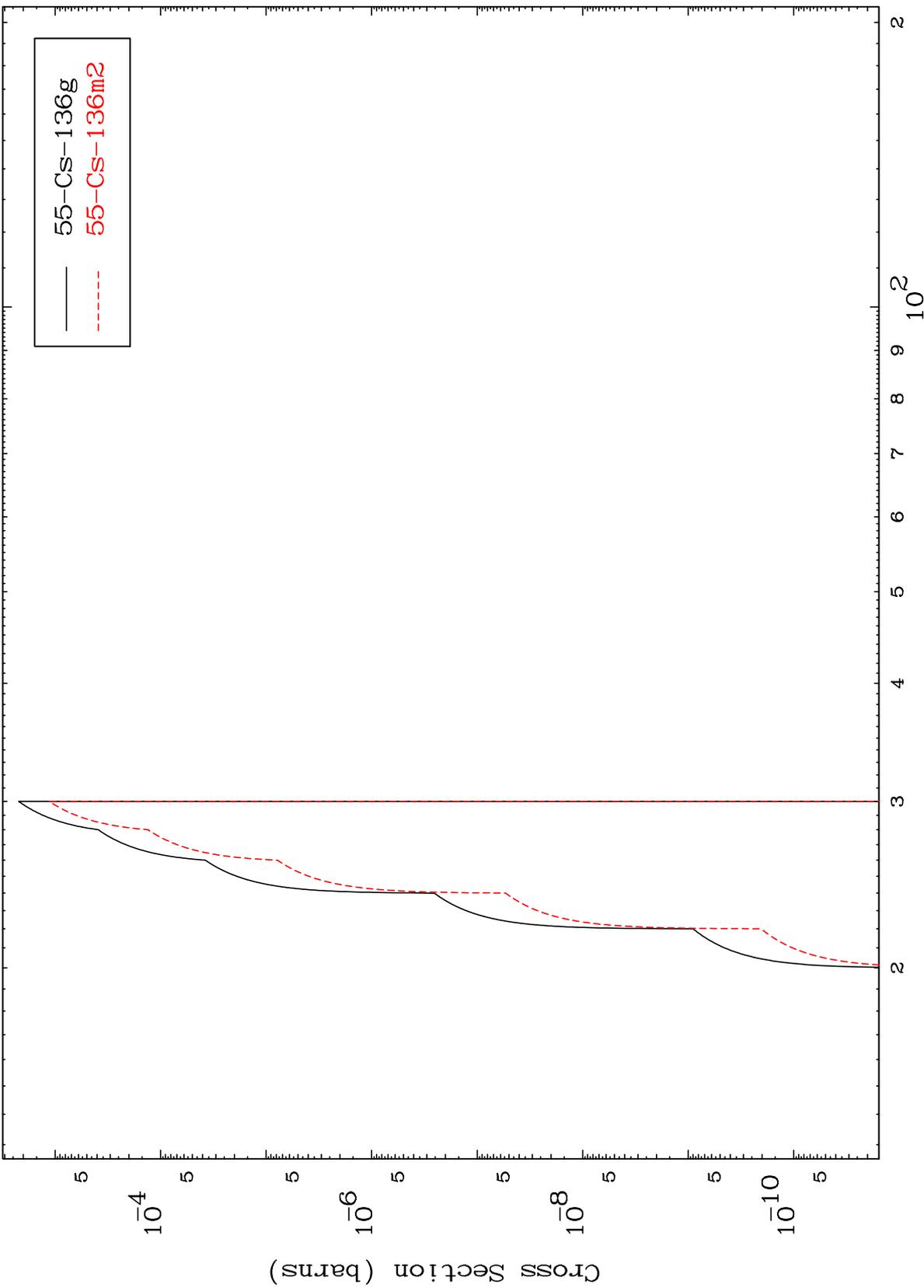
55-Cs-138

MAT 5540

(n,2n)  $\alpha$

55-Cs-138

Radionuclide Production Cross Section

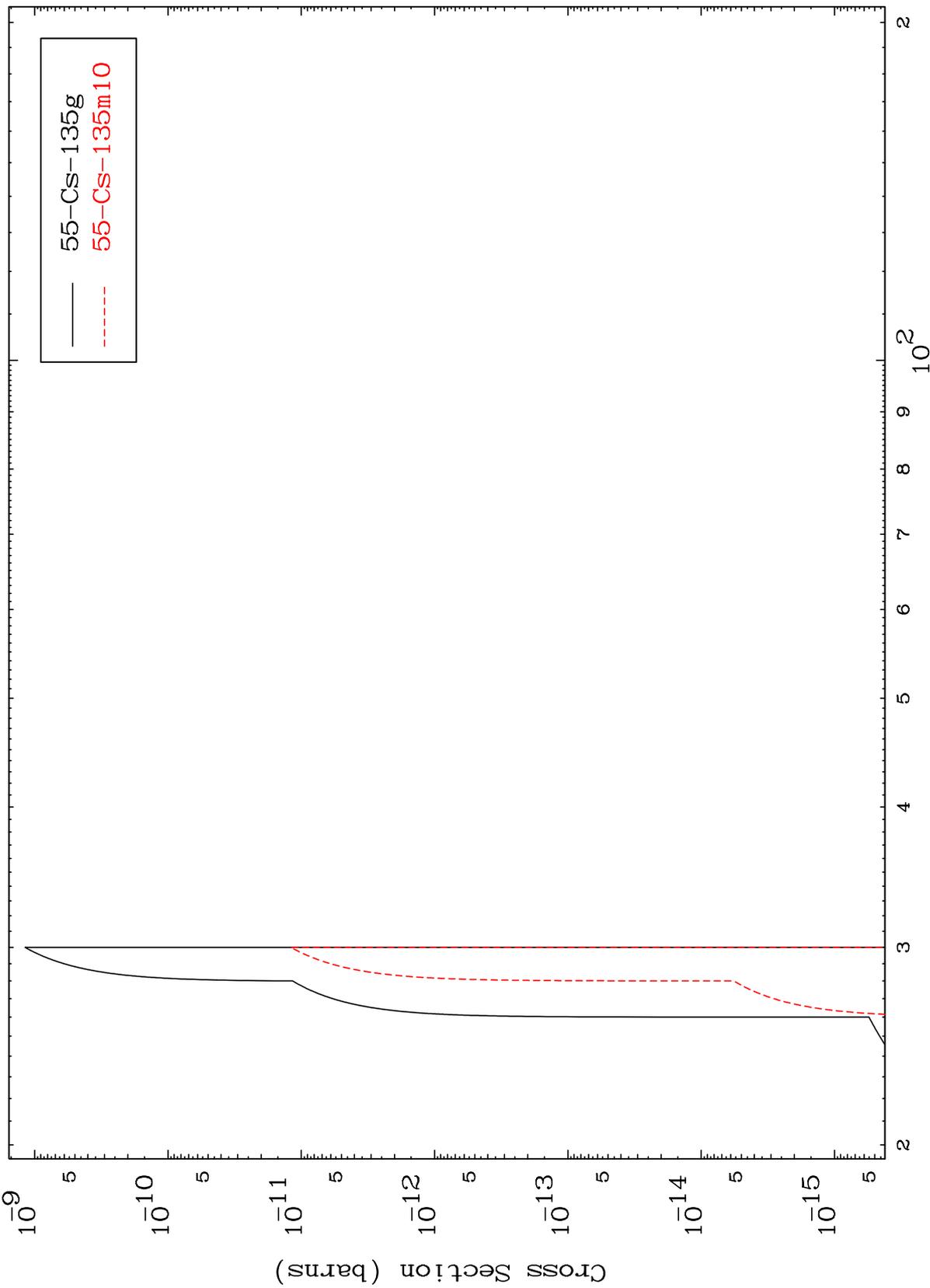


MAT 5540

(n,3n)  $\alpha$

55-Cs-138

Radionuclide Production Cross Section



12

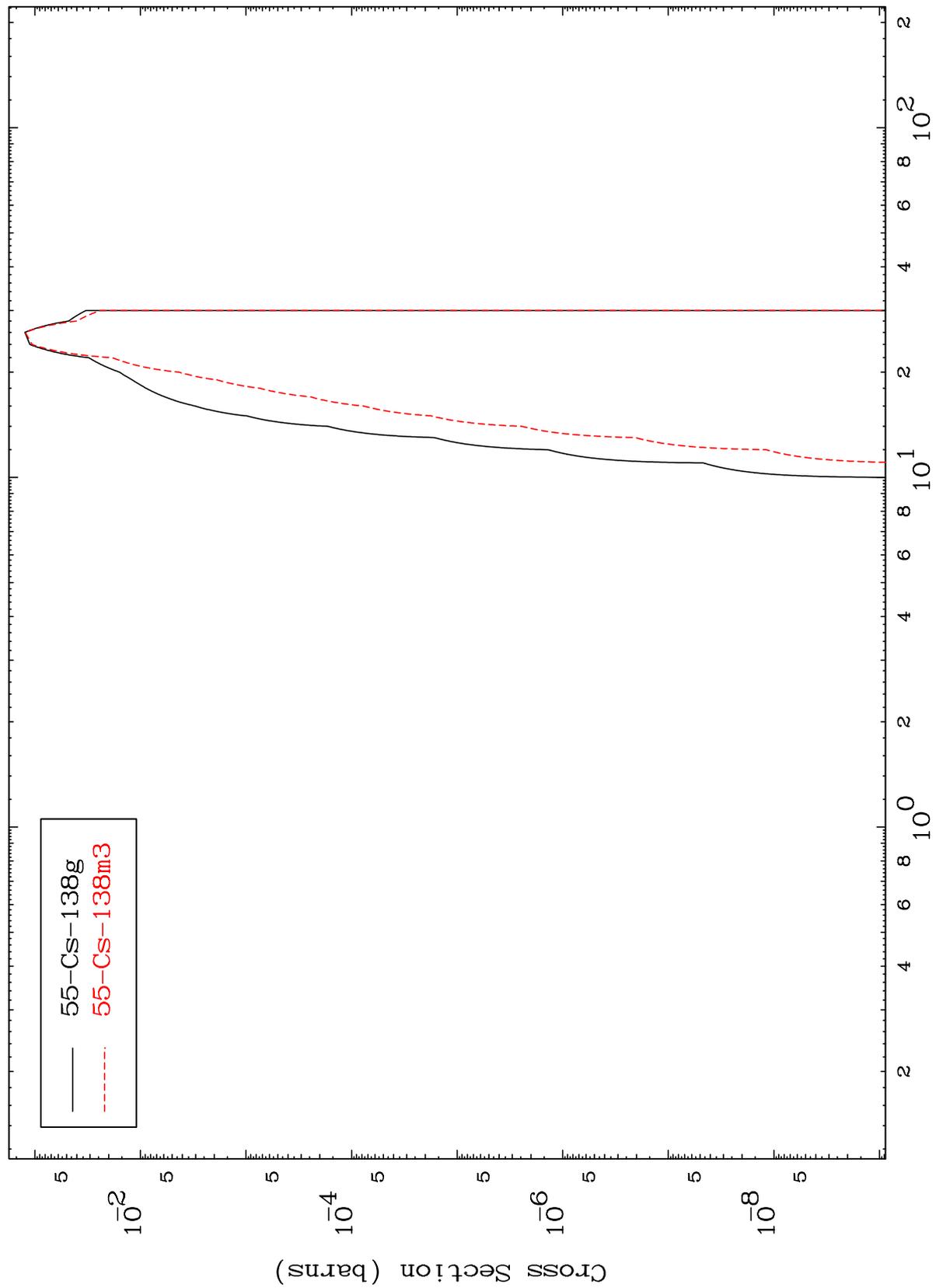
Incident Energy (MeV)

55-Cs-138

MAT 5540

55-Cs-138

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



55-Cs-138

Incident Energy (MeV)

13

