

Program EVALPLOT  
(Version 2017-1)

by

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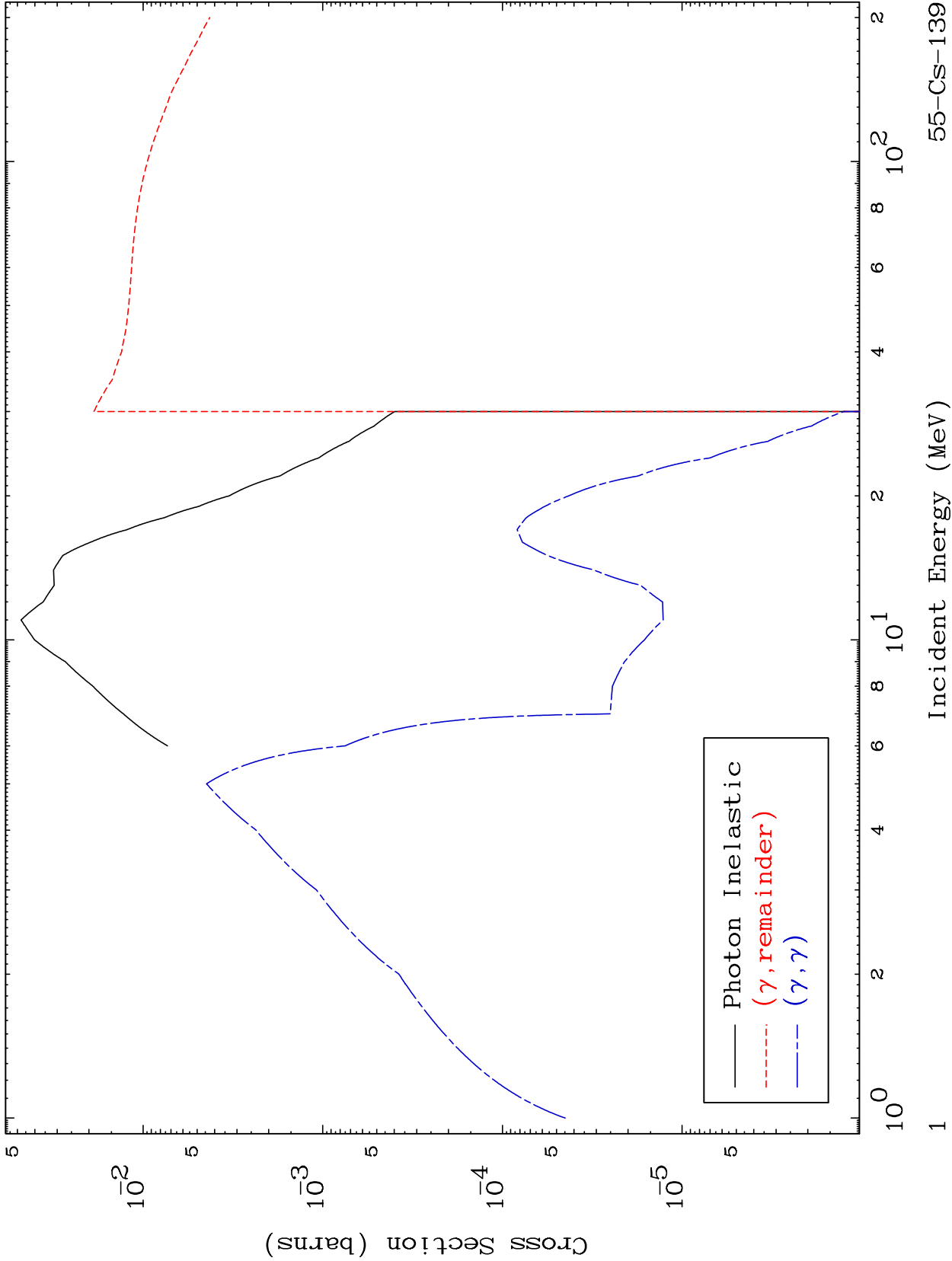
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Press Mouse Button to Start

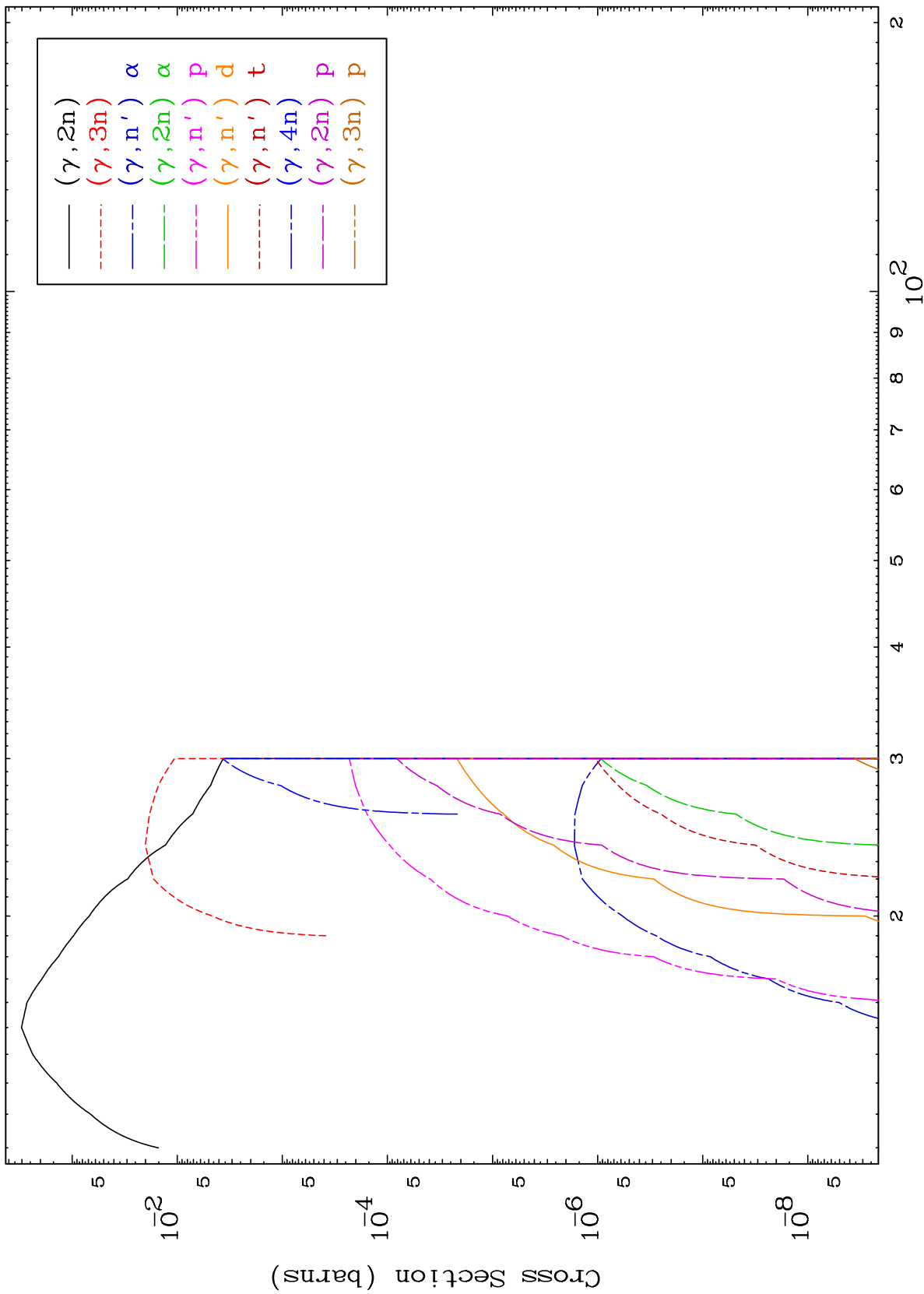
MAT 5543

Photon Major  
0 Kelvin Cross Sections

55-Cs-139



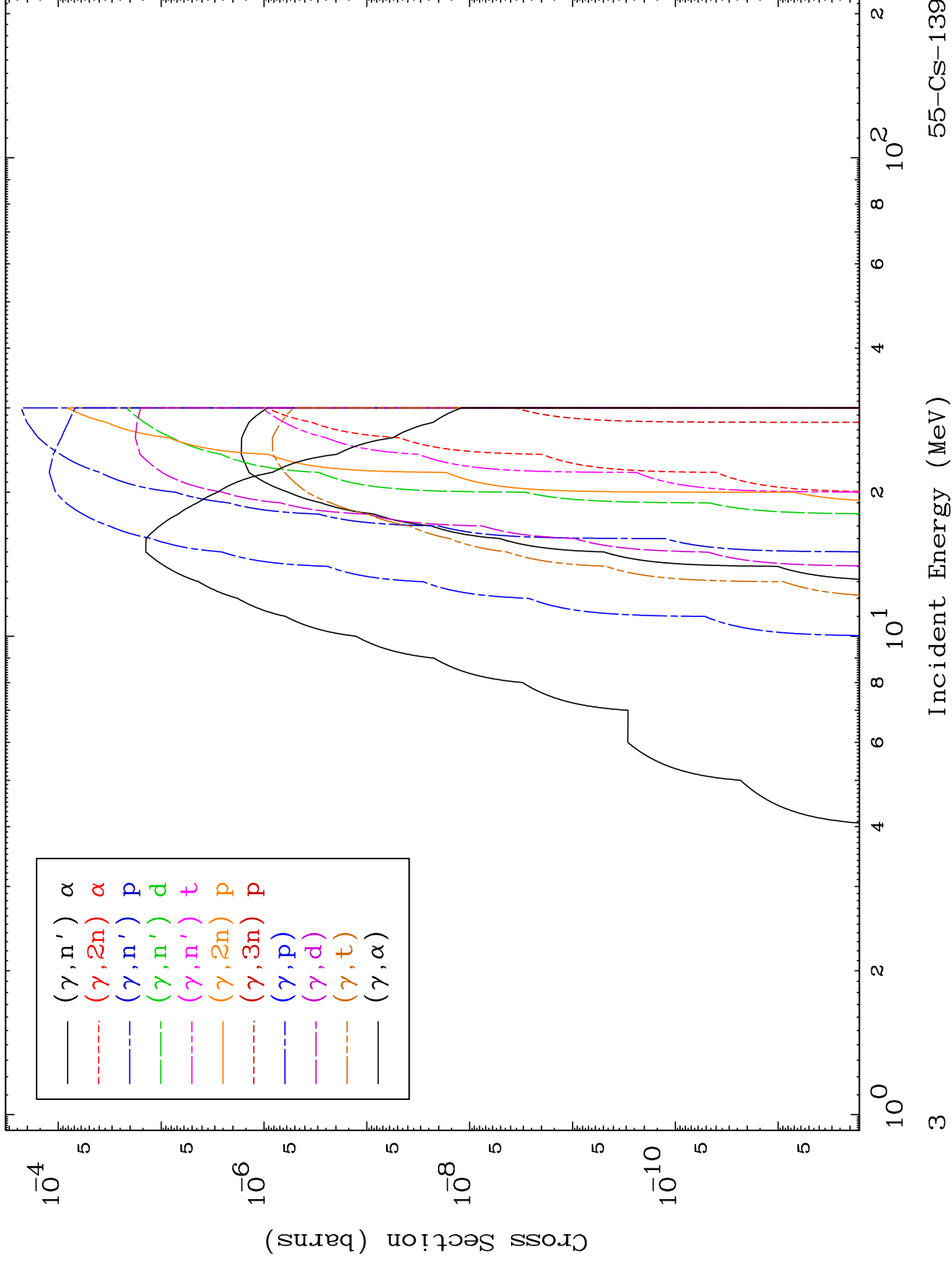
55-Cs-139



MAT 5543

Photon Charged Particle  
0 Kelvin Cross Sections

55-Cs-139



55-Cs-139

Incident Energy (MeV)

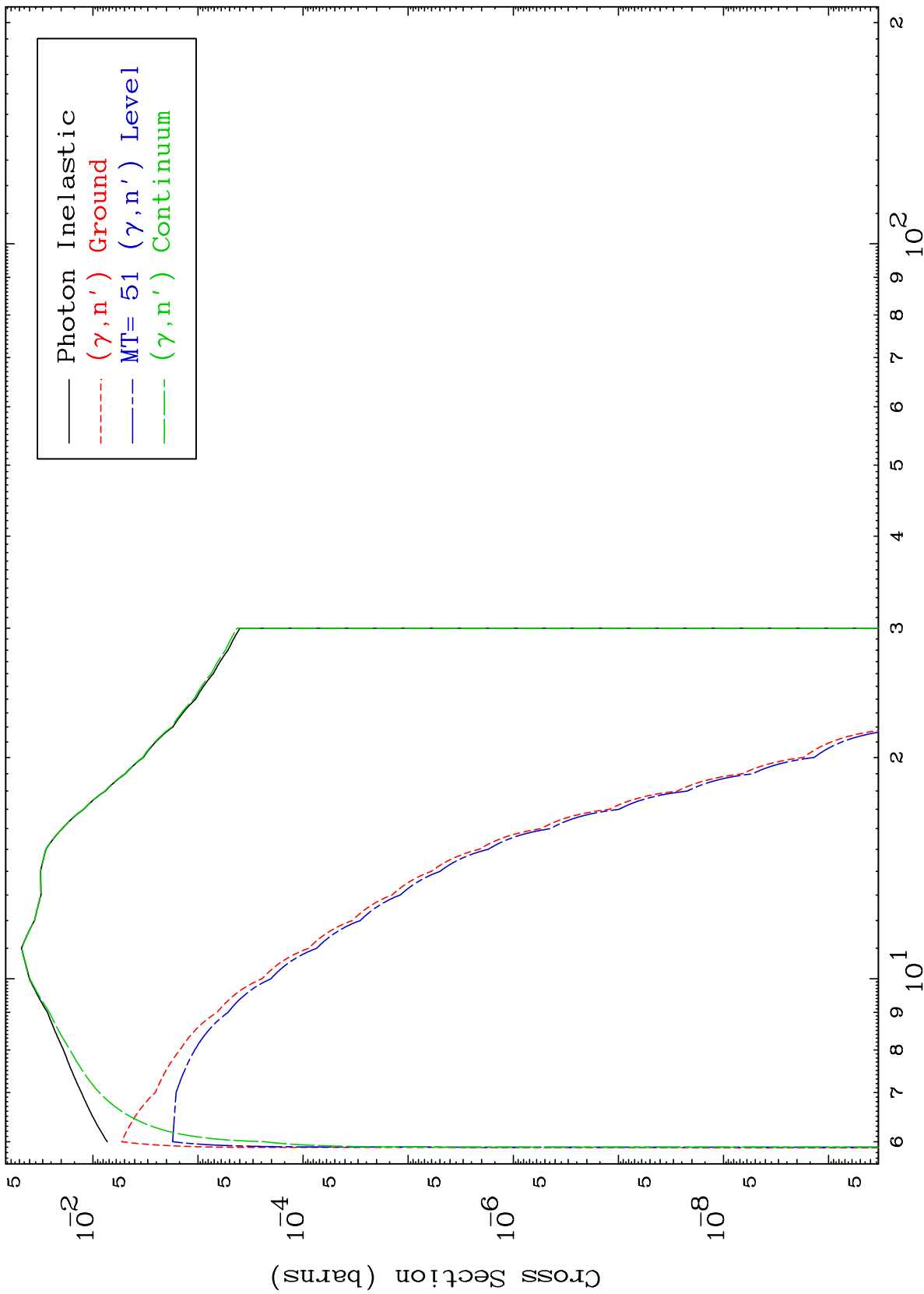
3

MAT 5543

( $\gamma, n'$ ) Level

55-Cs-139

0 Kelvin Cross Sections



4

Incident Energy (MeV)

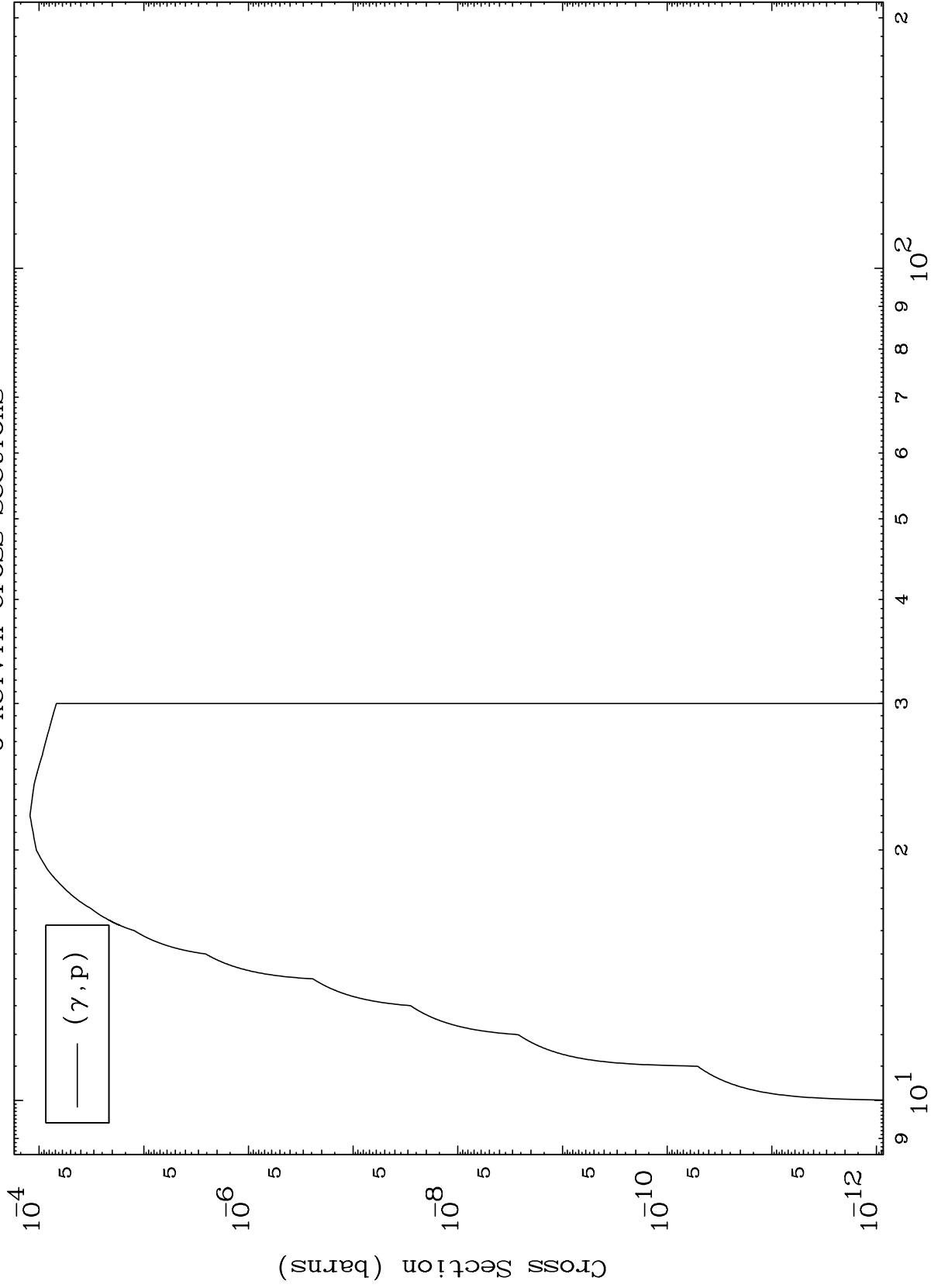
55-Cs-139

MAT 5543

( $\gamma, p$ ) Levels

55-Cs-139

0 Kelvin Cross Sections



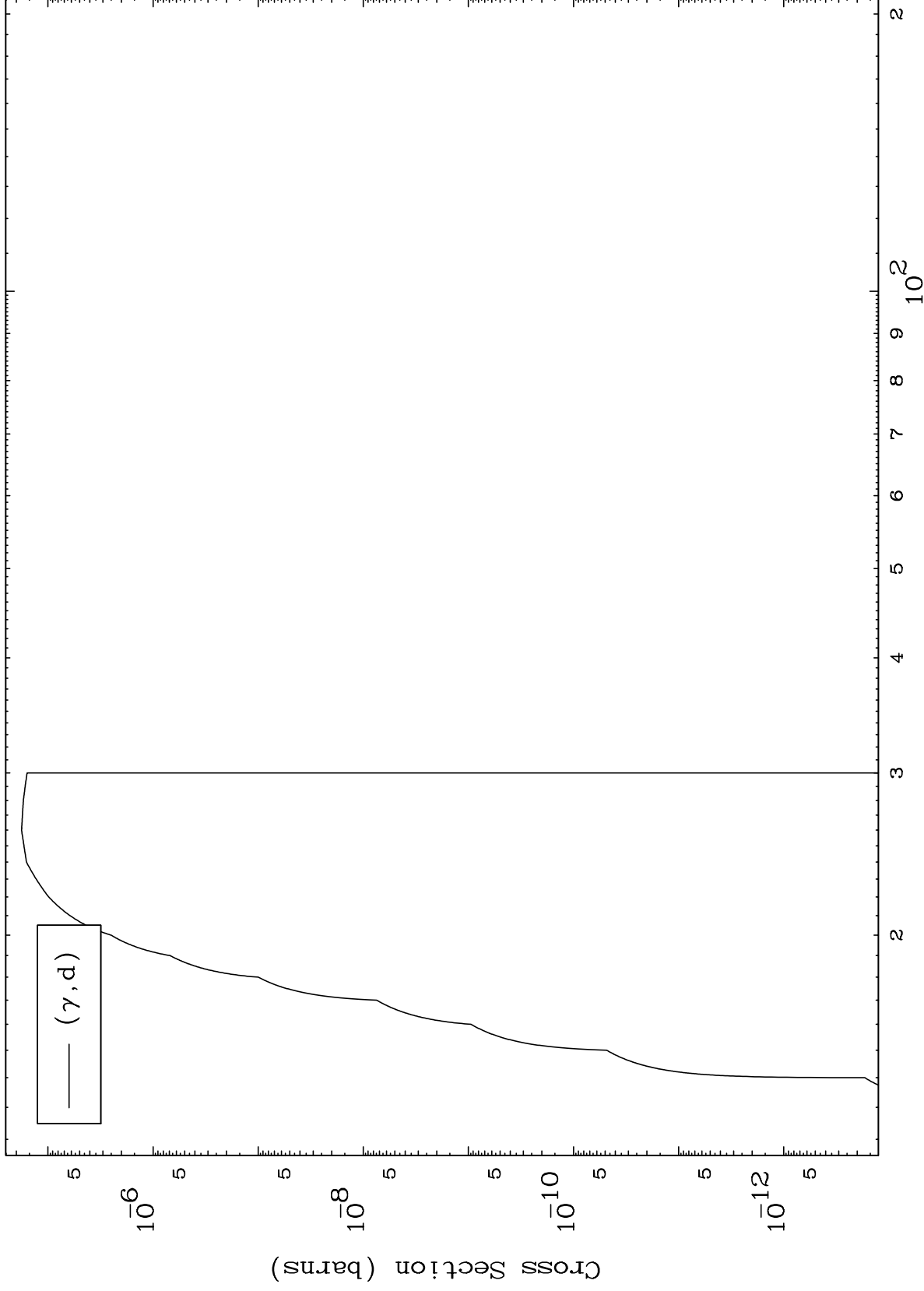
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



6

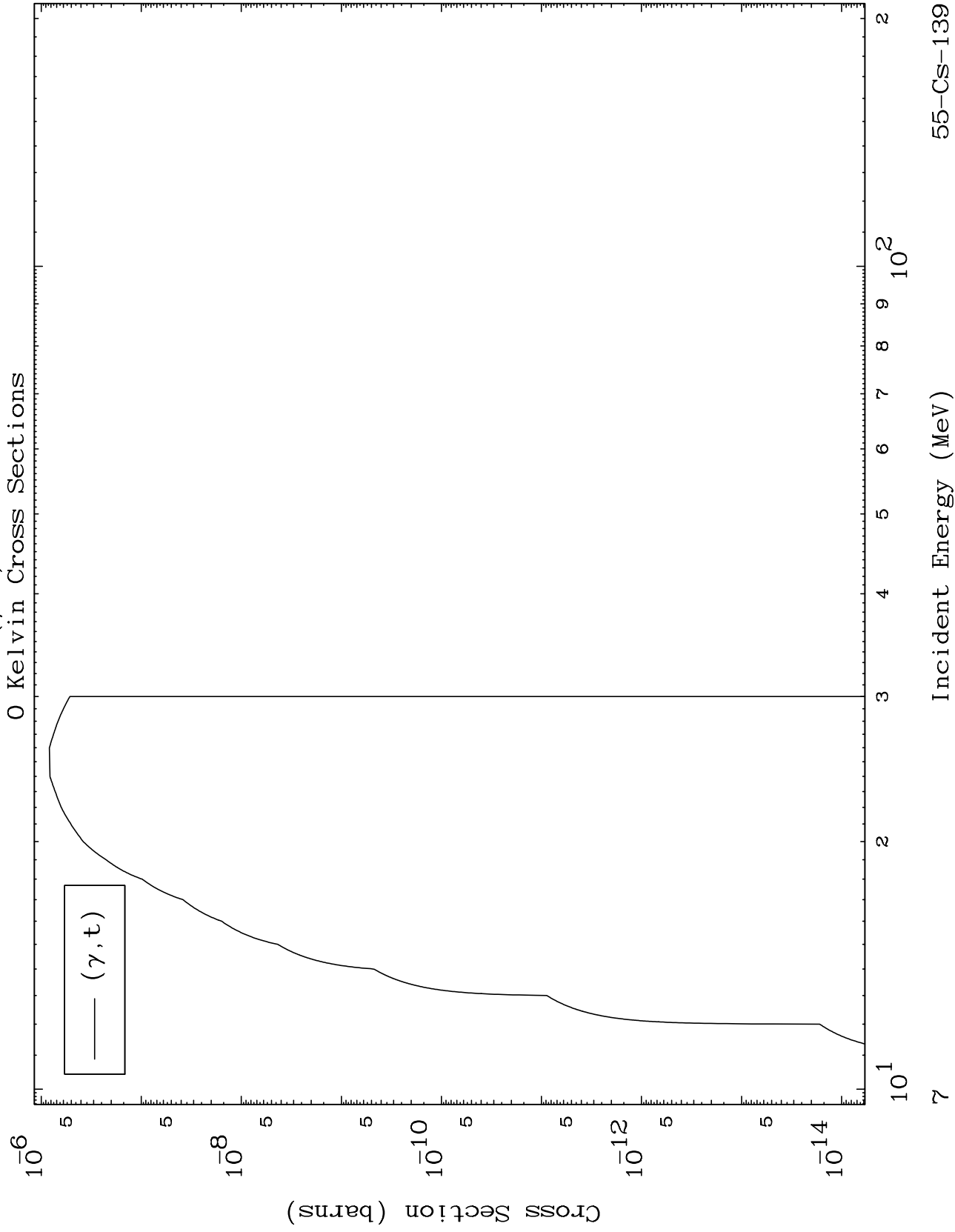
Incident Energy (MeV)

55-Cs-139

MAT 5543

( $\gamma, t$ ) Levels

55-Cs-139



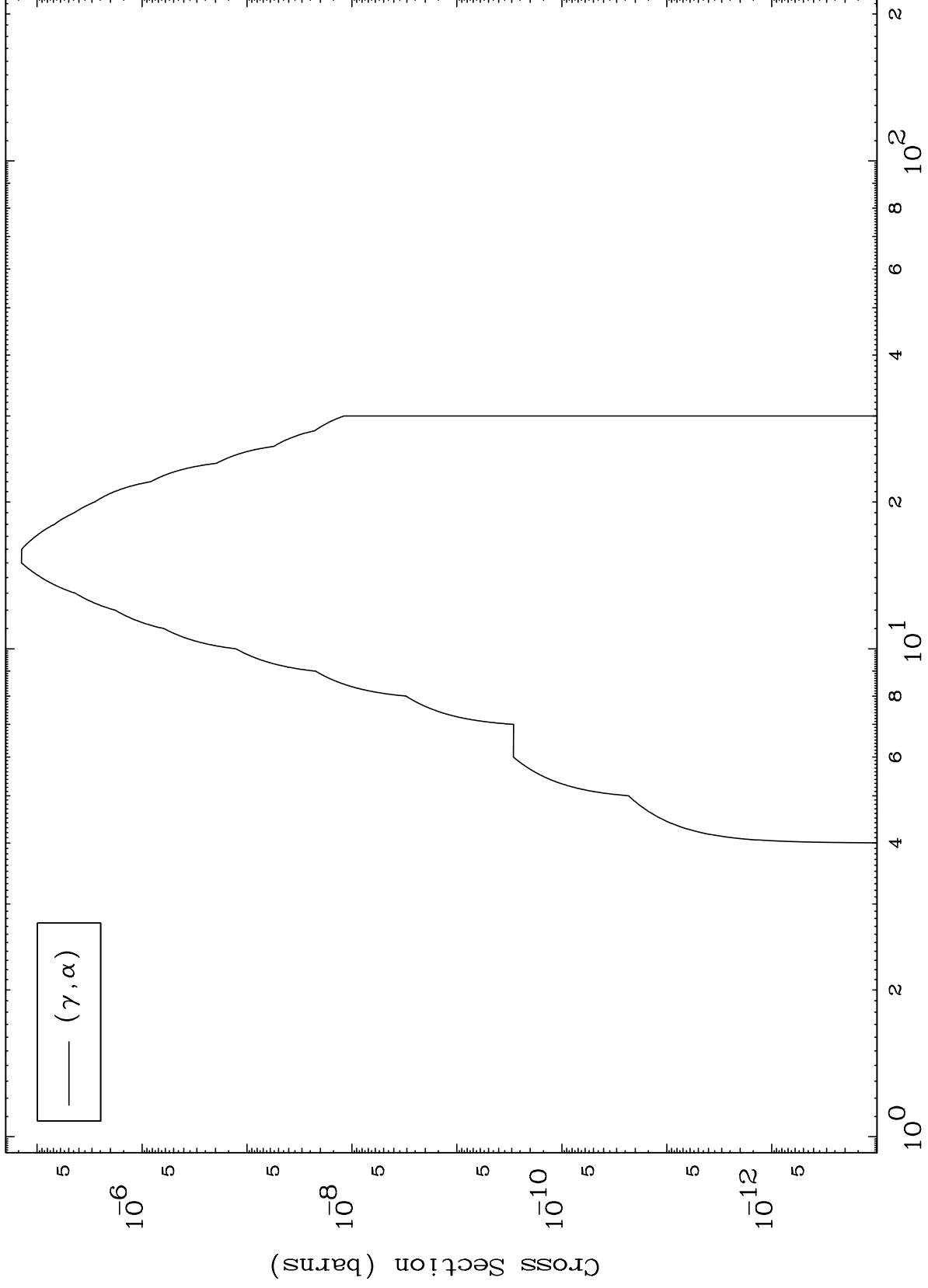


MAT 5543

( $\gamma, \alpha$ ) Levels

55-Cs-139

0 Kelvin Cross Sections



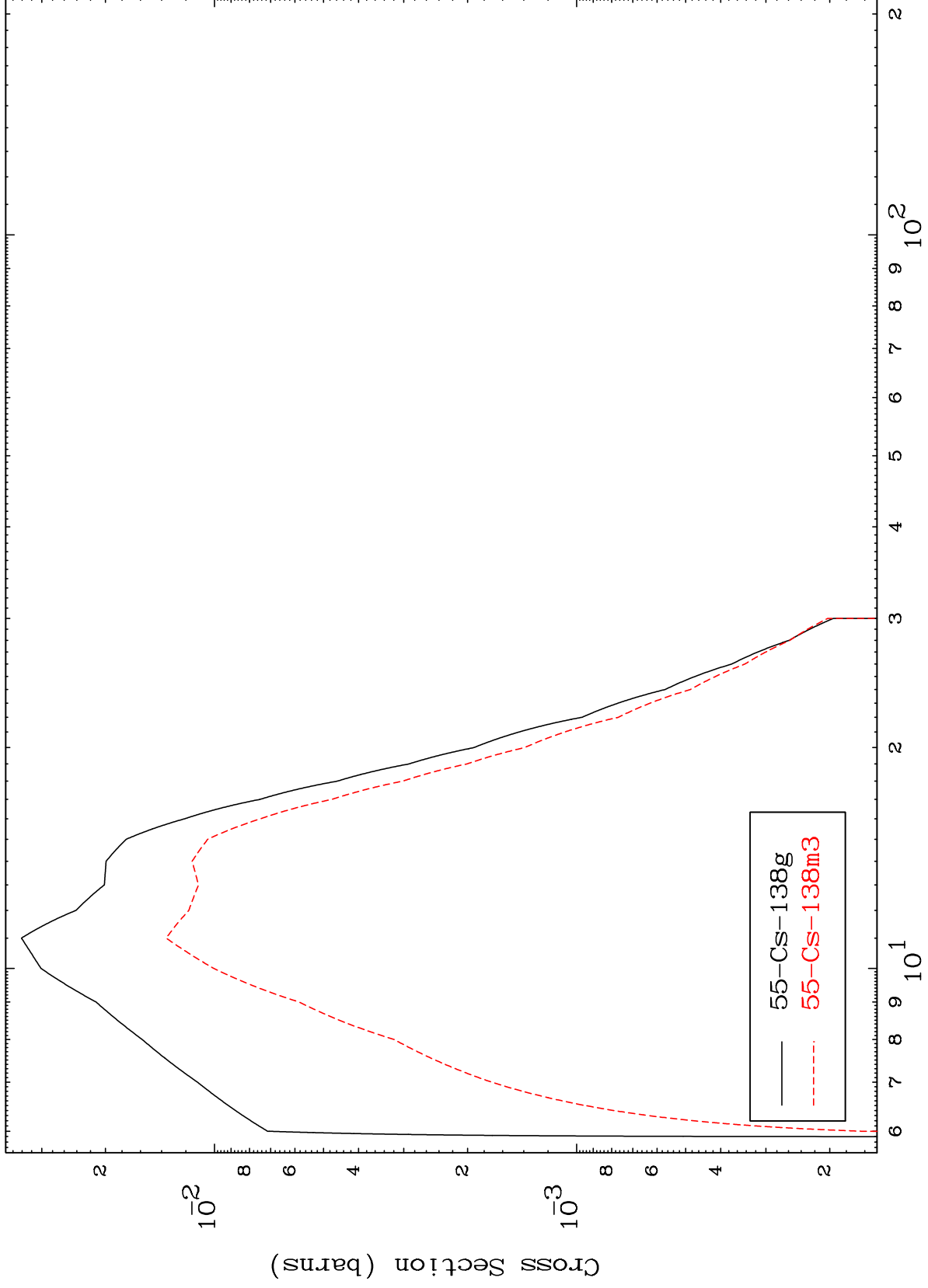
Incident Energy (MeV)

55-Cs-139

MAT 5543

Photon Inelastic  
Radionuclide Production Cross Section

55-Cs-139



9

Incident Energy (MeV)

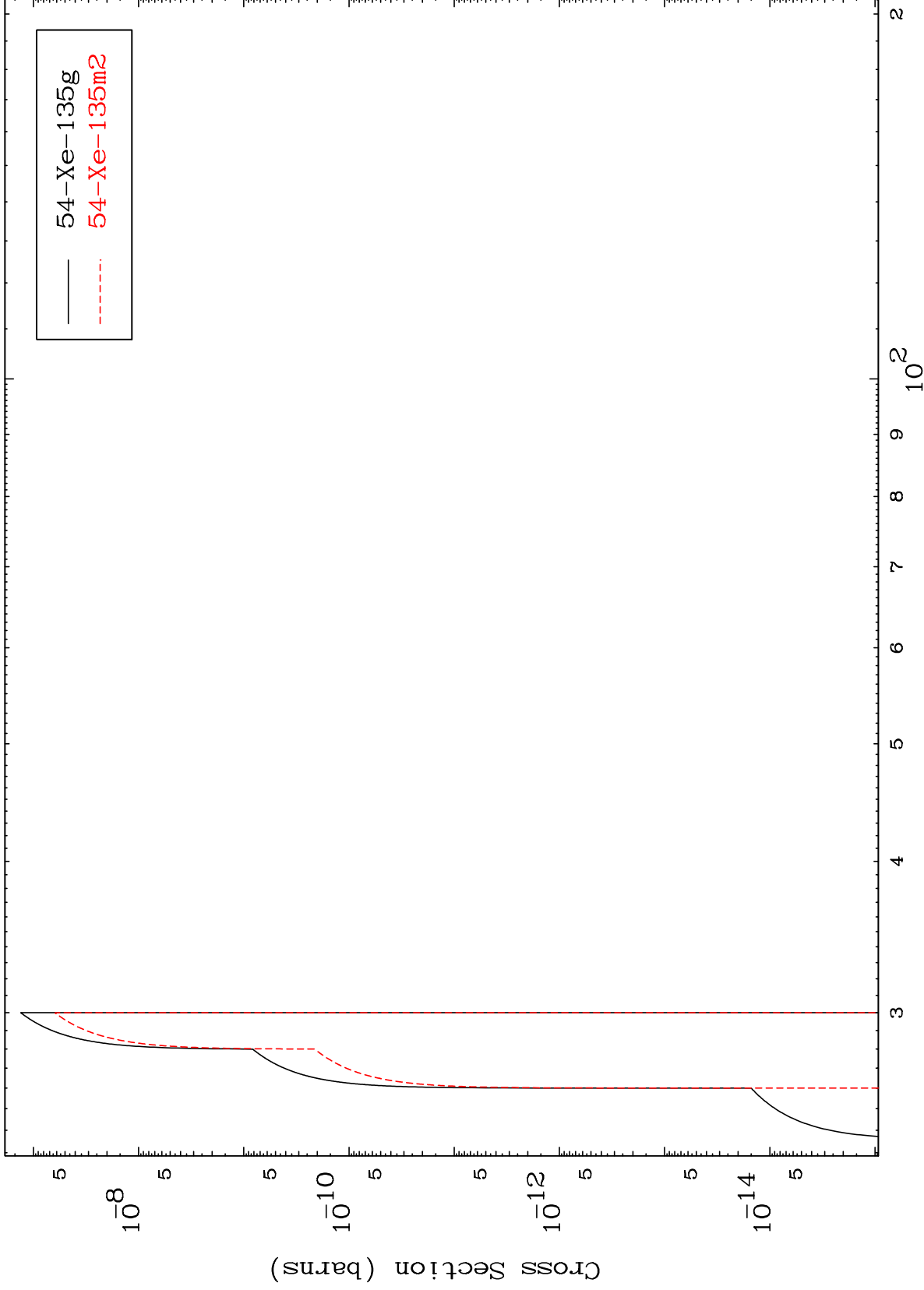
55-Cs-139

MAT 5543

( $\gamma, 2n$ ) d

55-Cs-139

Radionuclide Production Cross Section



54-Xe-135g  
54-Xe-135m2

10

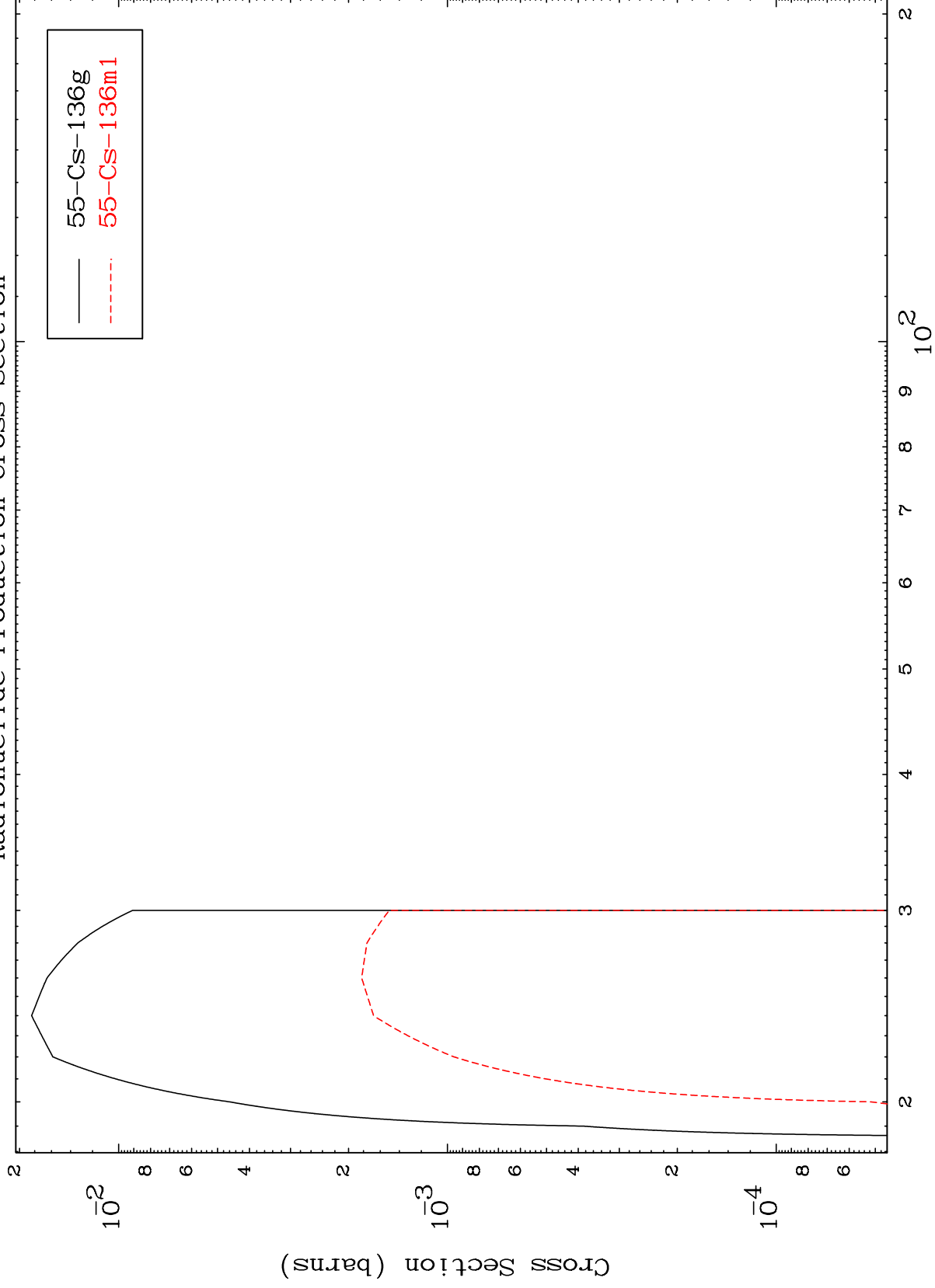
Incident Energy (MeV)

55-Cs-139

MAT 5543

55-Cs-139

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



11

55-Cs-139

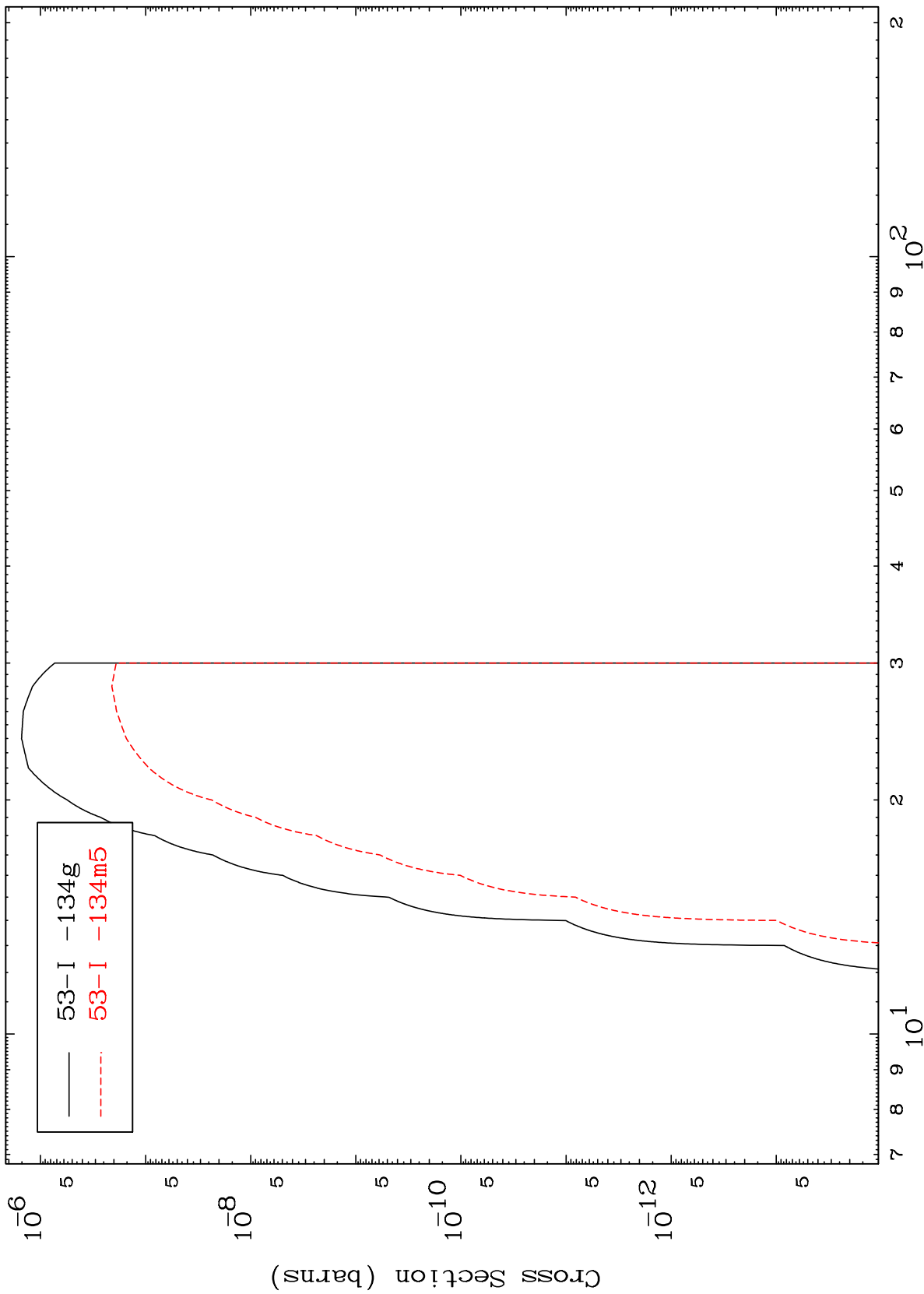
Incident Energy (MeV)

MAT 5543

( $\gamma, n'$ )  $\alpha$

55-Cs-139

Radionuclide Production Cross Section



12

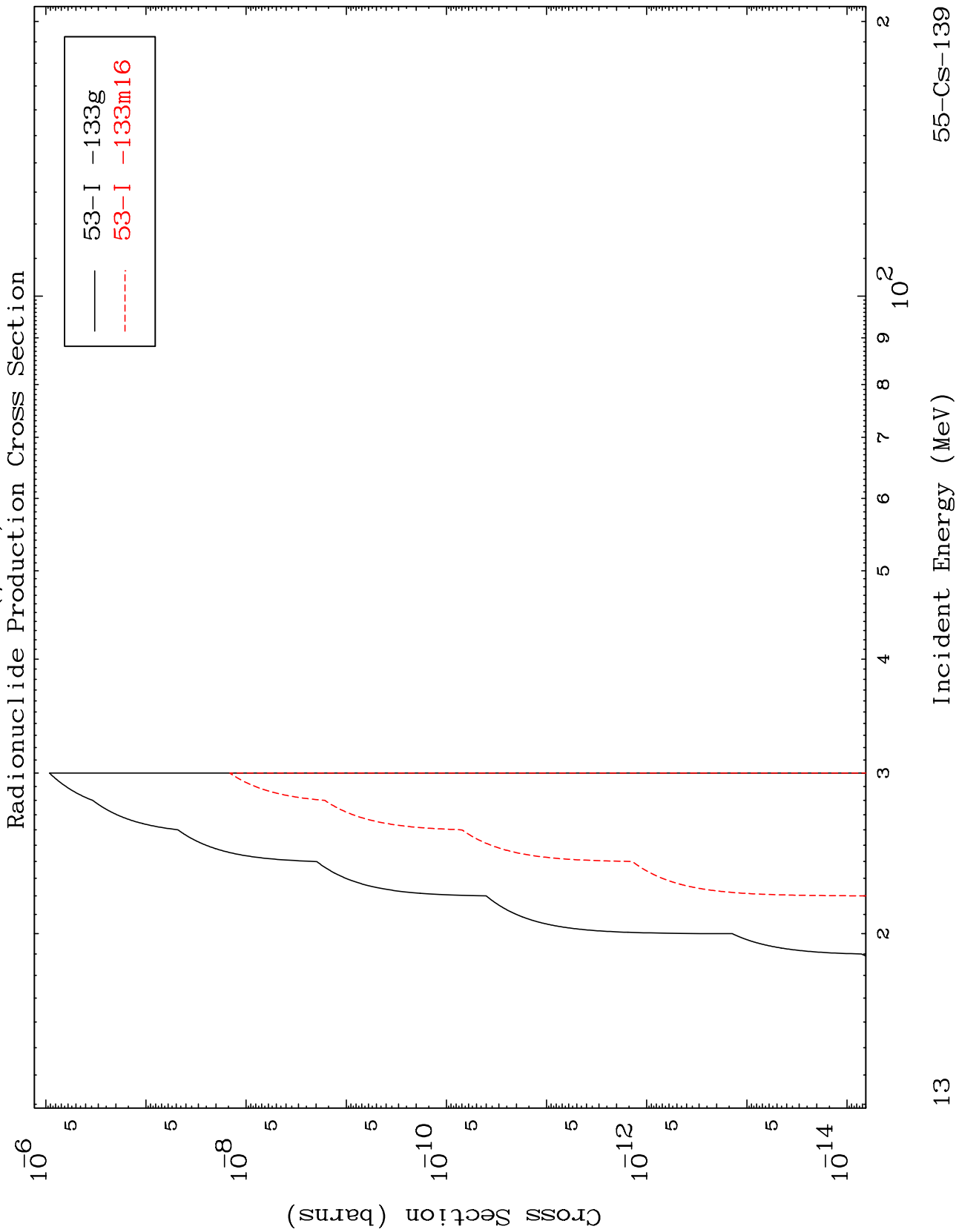
Incident Energy (MeV)

55-Cs-139

MAT 5543

$(\gamma, 2n) \alpha$

55-Cs-139



13

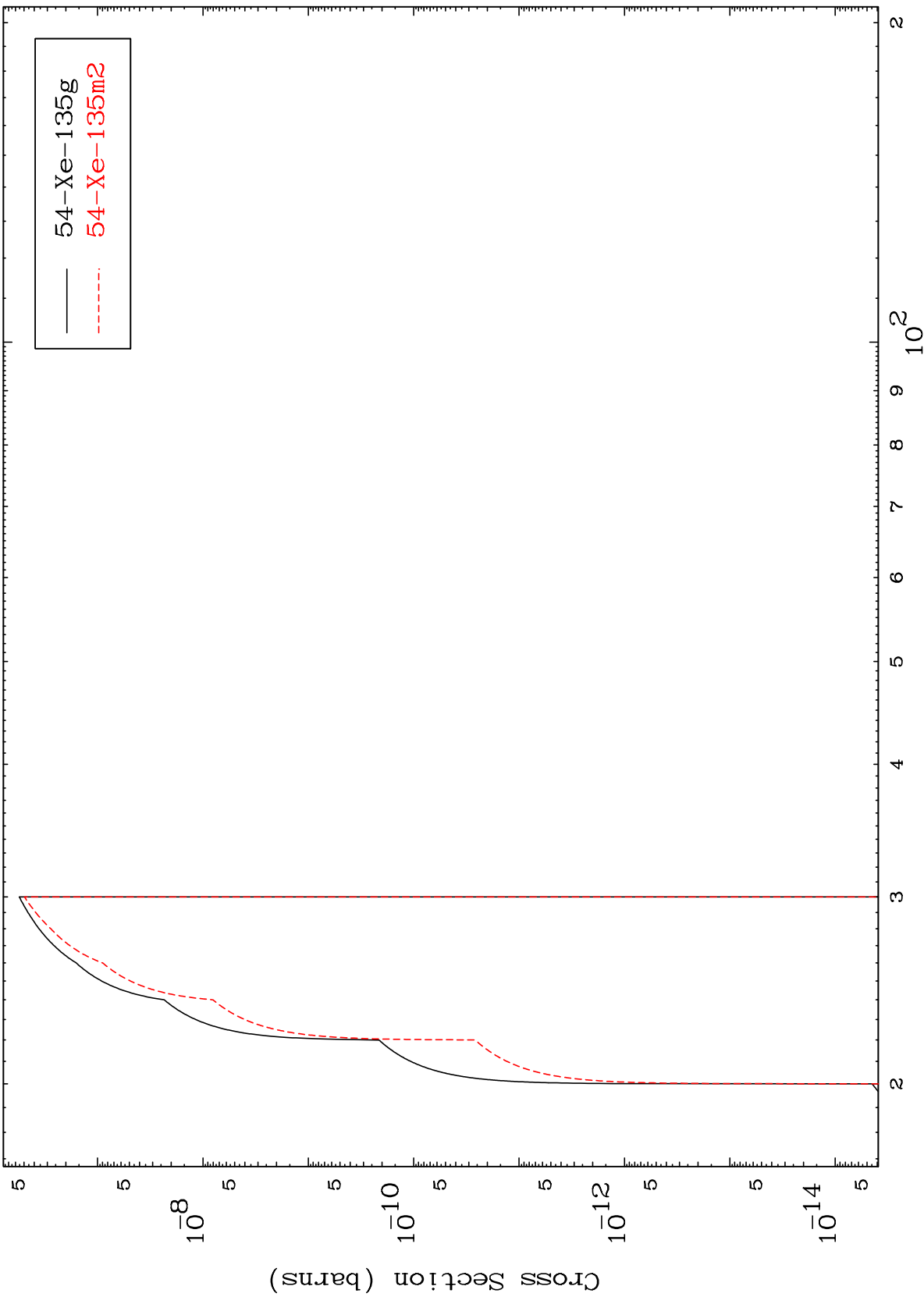
55-Cs-139

MAT 5543

( $\gamma, n'$ ) t

55-Cs-139

Radionuclide Production Cross Section



14

Incident Energy (MeV)

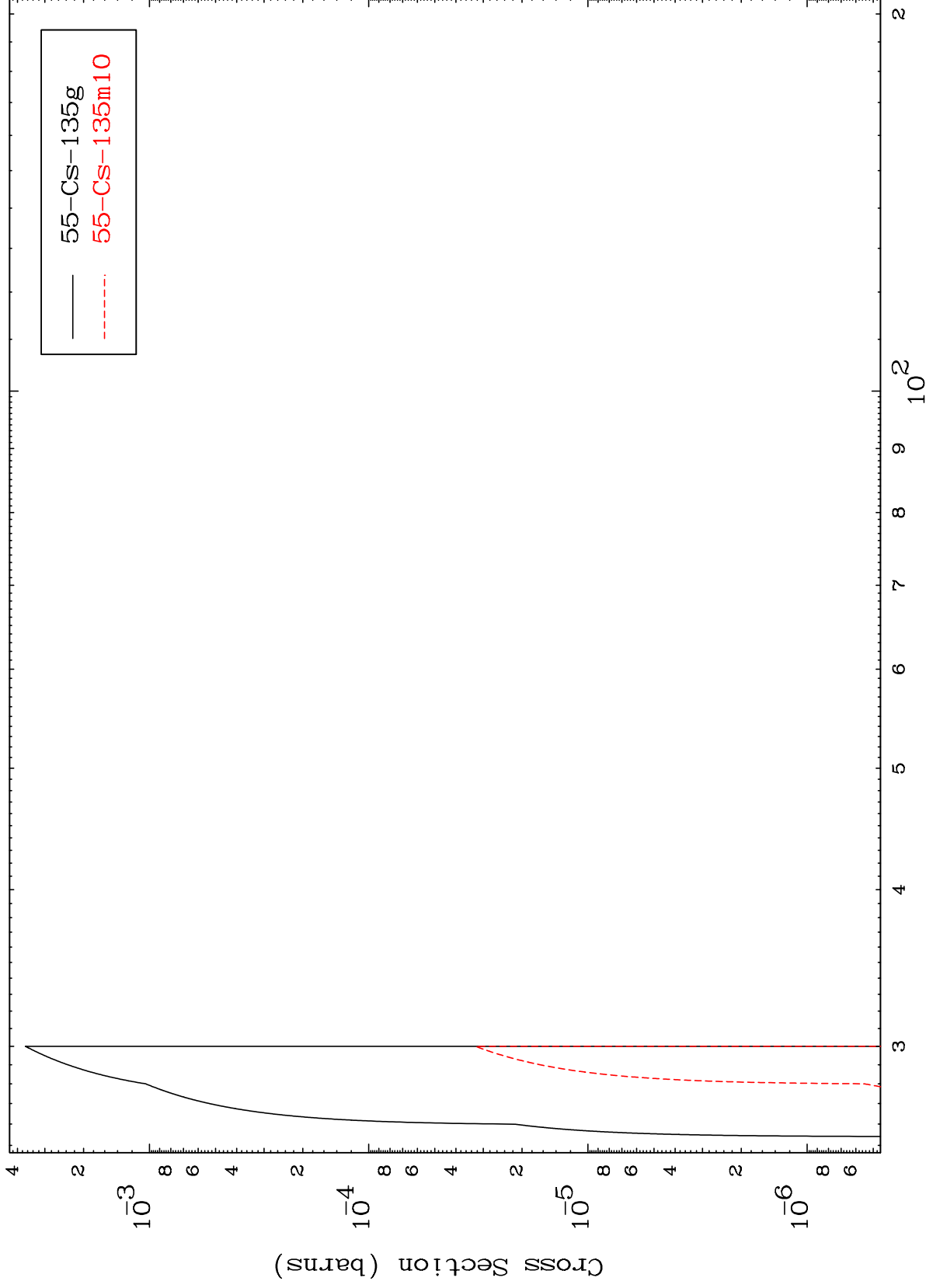
55-Cs-139

MAT 5543

( $\gamma, 4n$ )

55-Cs-139

Radionuclide Production Cross Section



55-Cs-135g

55-Cs-135m10

15

Incident Energy (MeV)

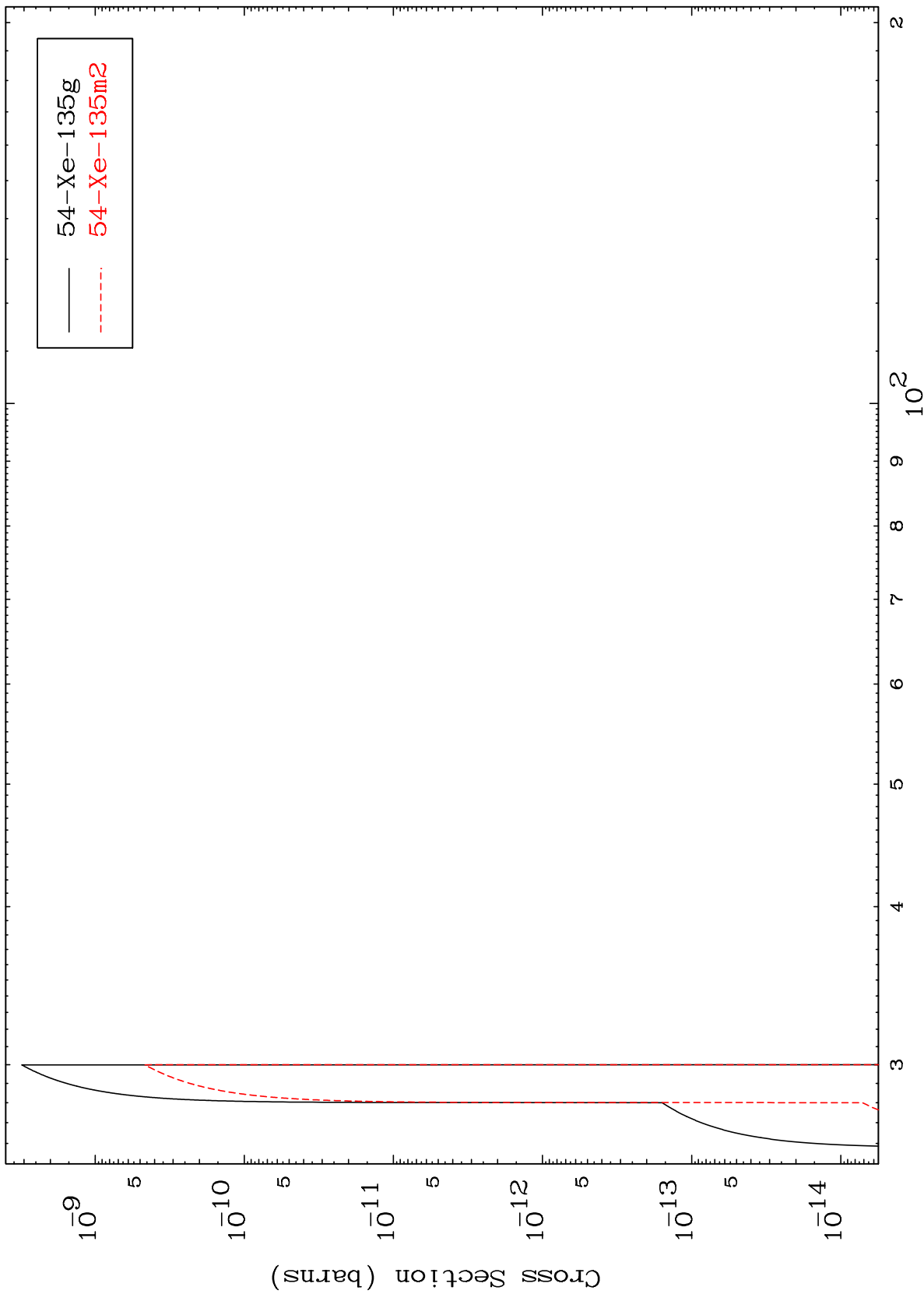
55-Cs-139



MAT 5543

55-Cs-139

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



16

55-Cs-139

Incident Energy (MeV)