

Program EVALPLOT  
(Version 2018-1)

by

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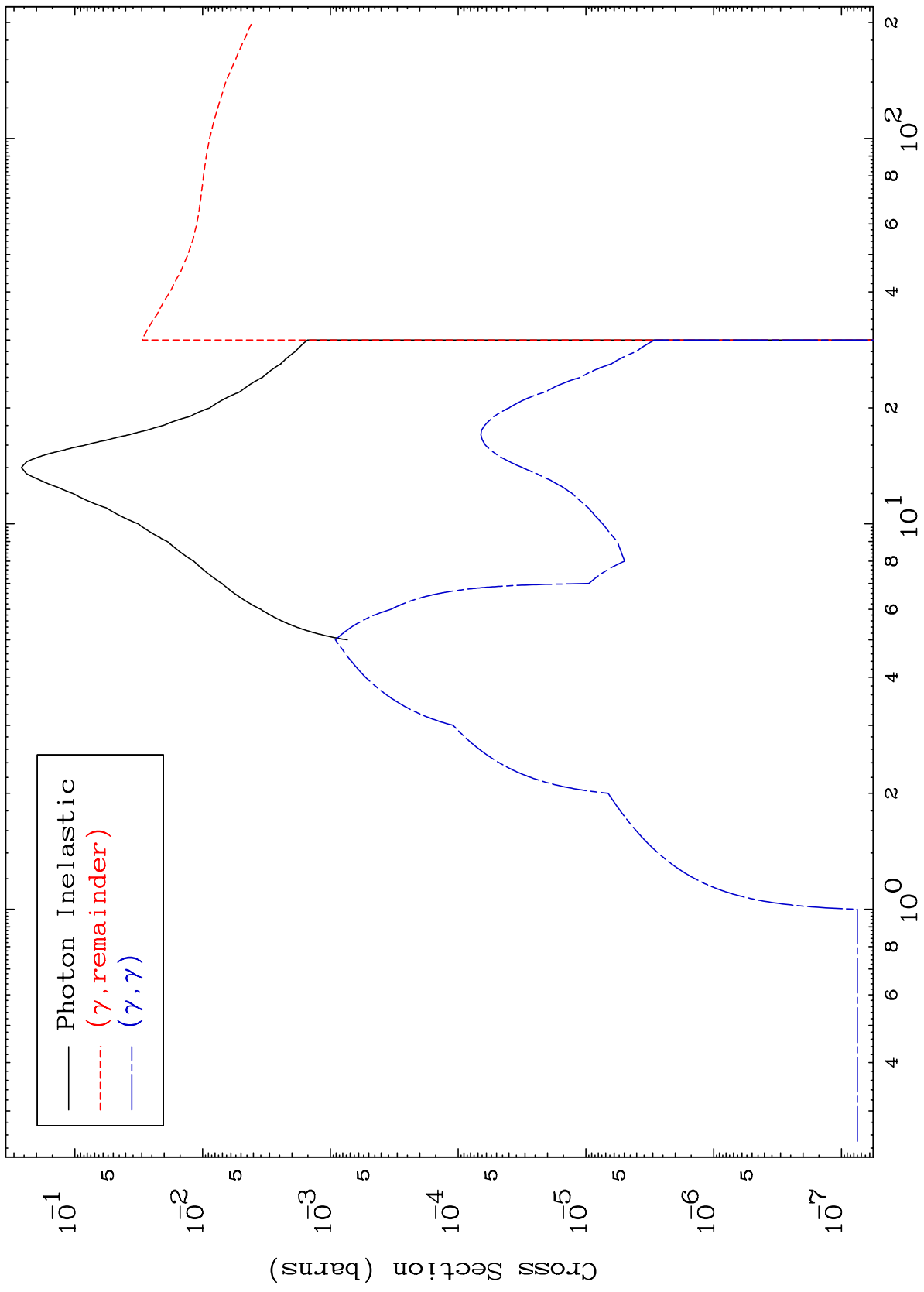
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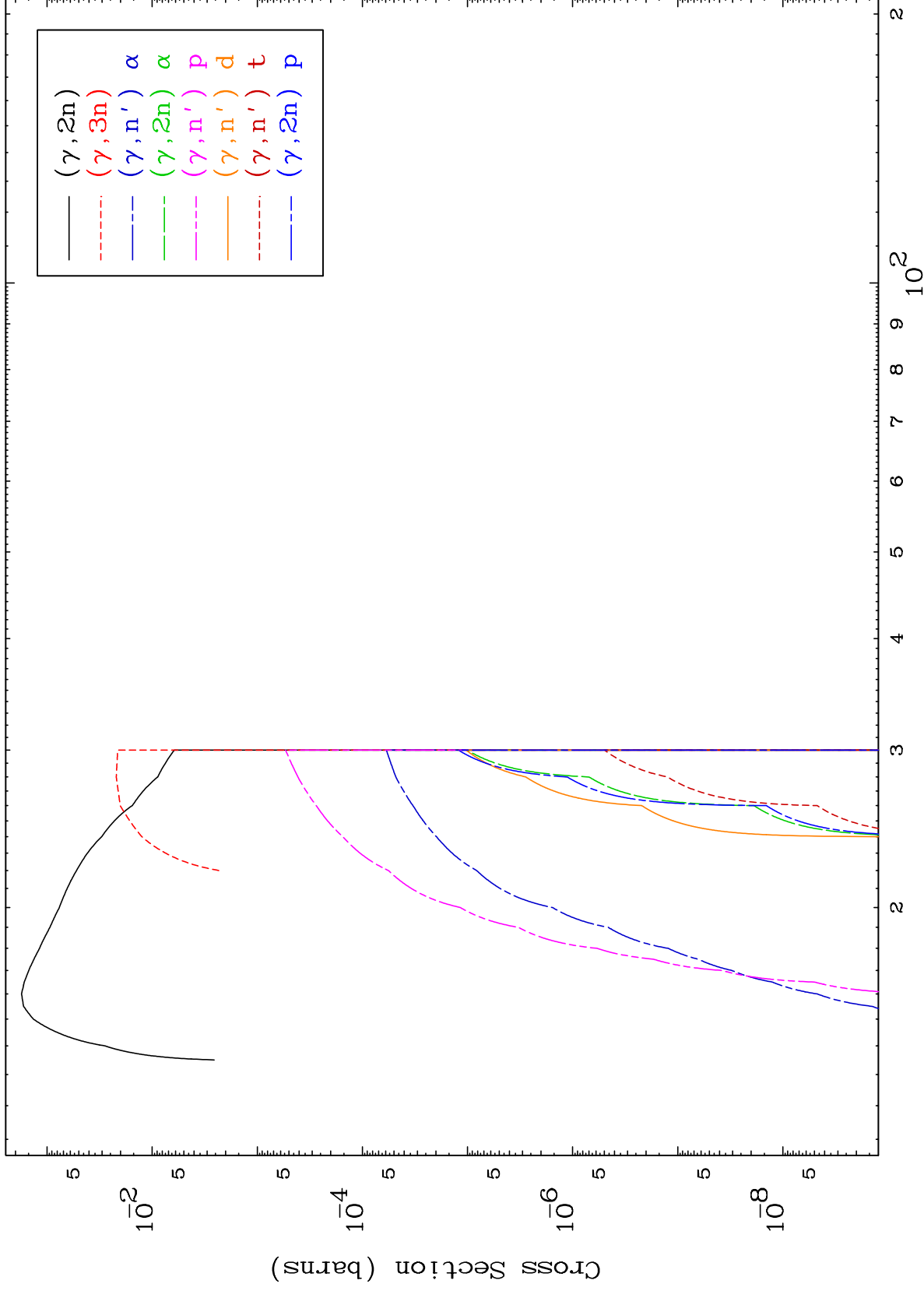
Press Mouse Button to Start

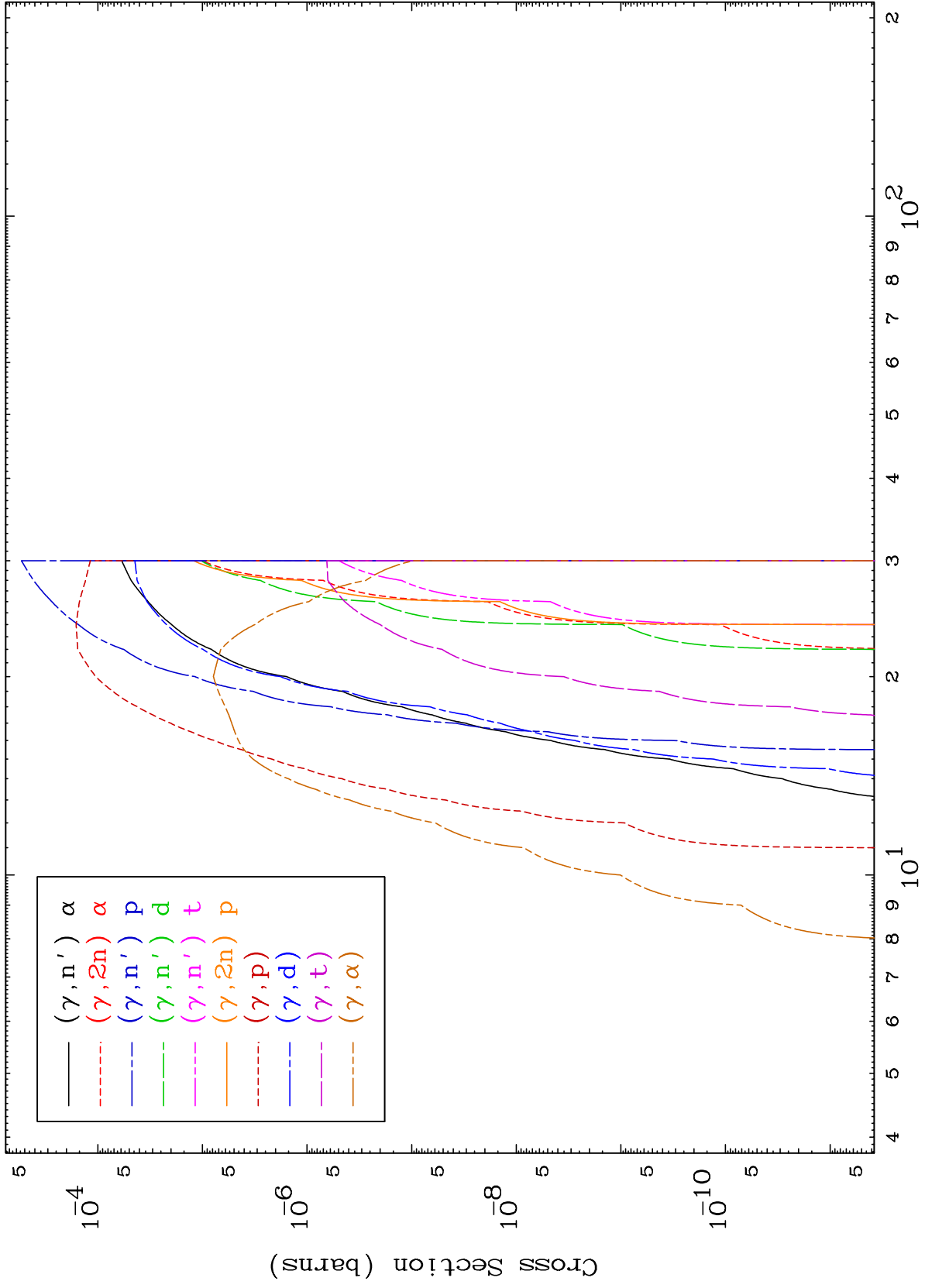
MAT 5652

Photon Major  
0 Kelvin Cross Sections

56-Ba-139





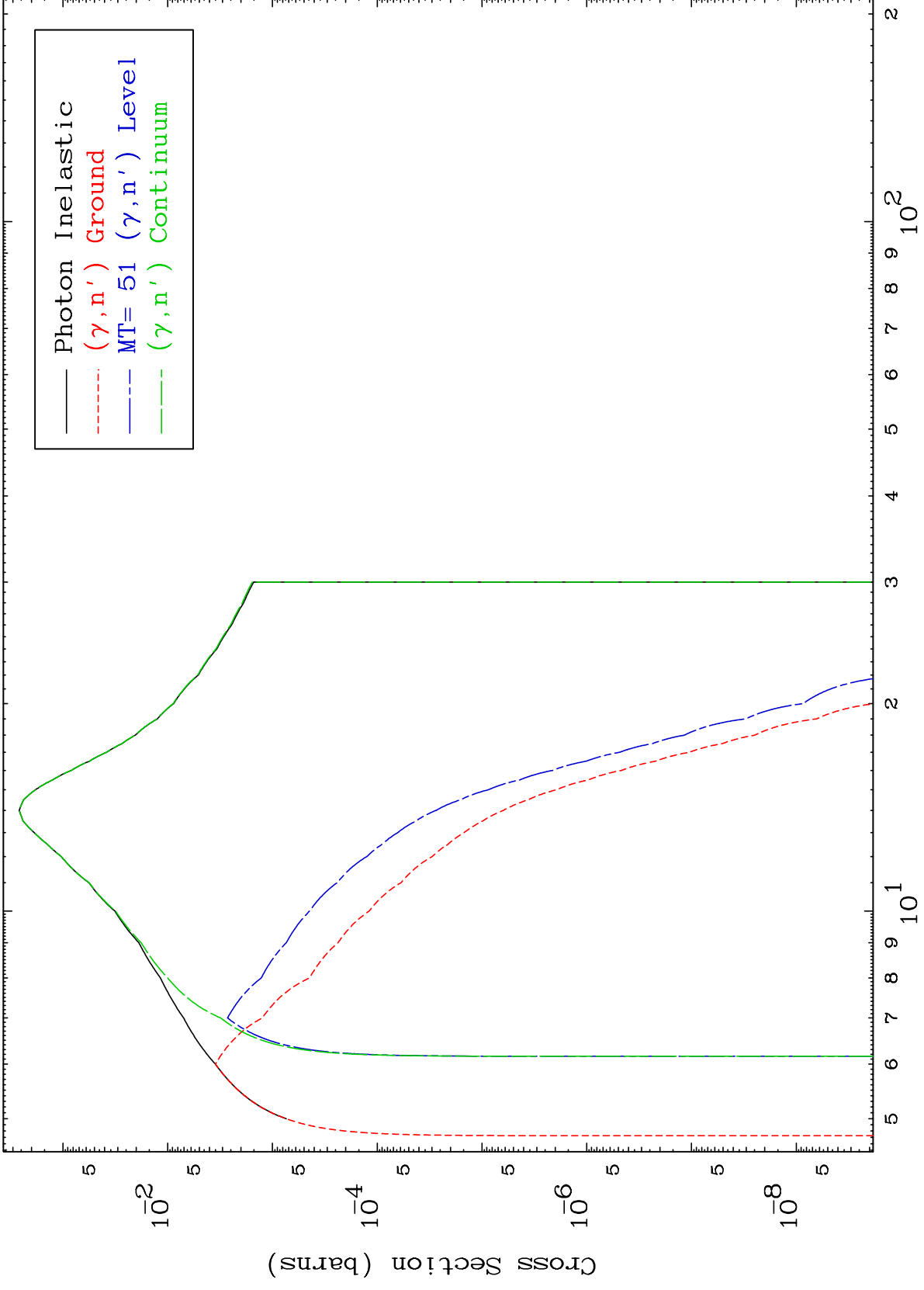


MAT 5652

( $\gamma, n'$ ) Level

56-Ba-139

0 Kelvin Cross Sections



Photon Inelastic  
( $\gamma, n'$ ) Ground  
MT=51 ( $\gamma, n'$ ) Level  
( $\gamma, n'$ ) Continuum

4

Incident Energy (MeV)

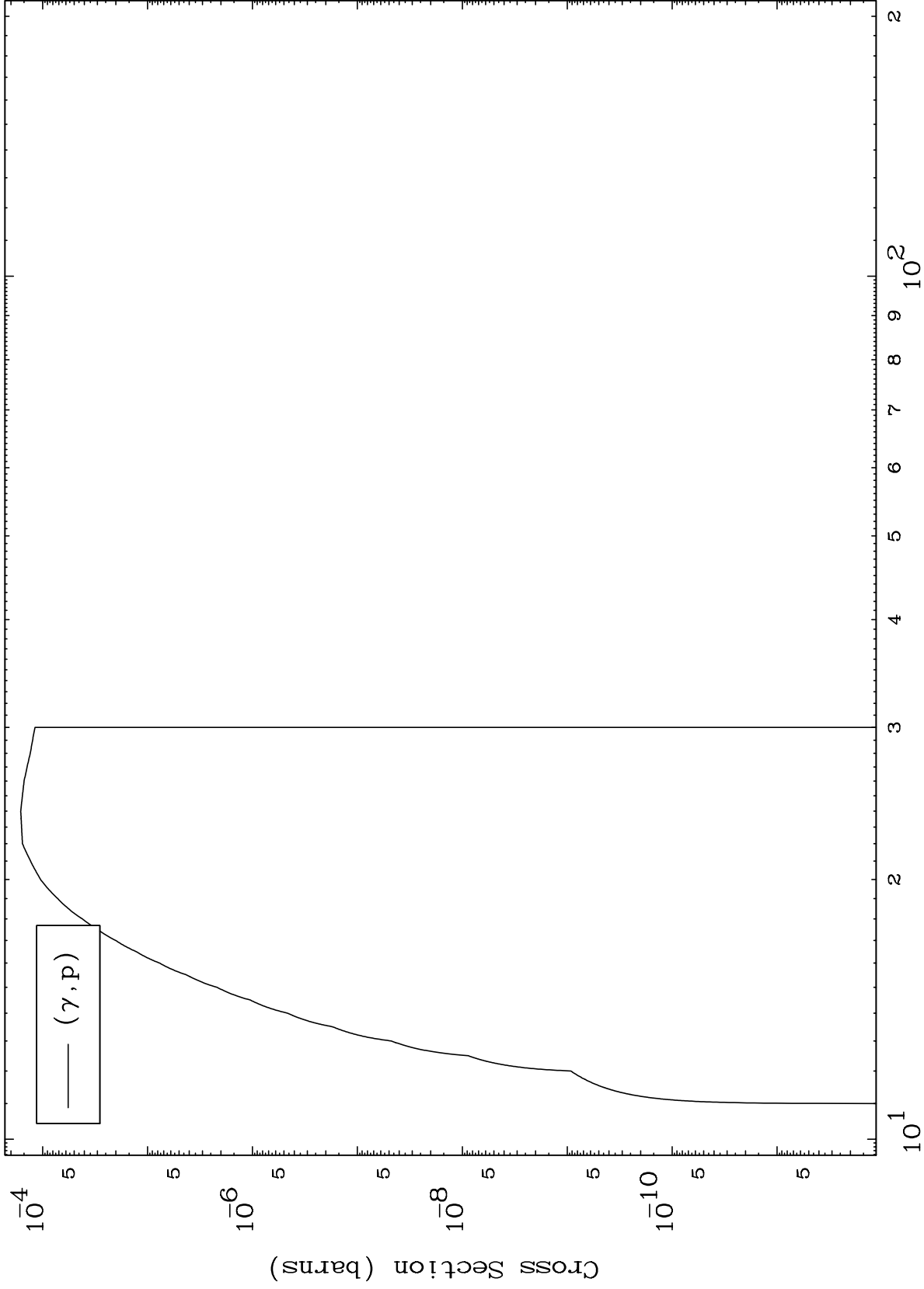
56-Ba-139

MAT 5652

( $\gamma, p$ ) Levels

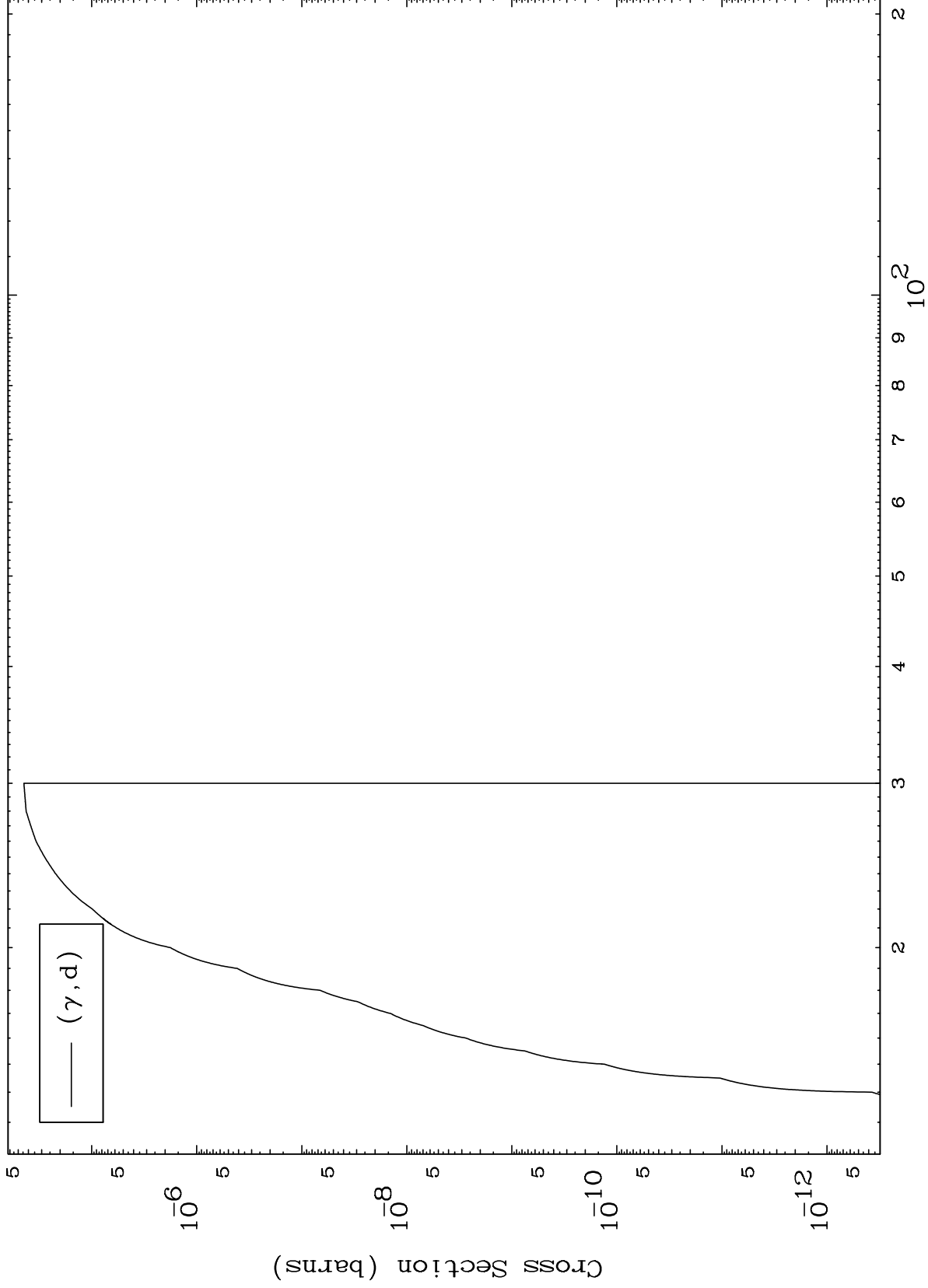
56-Ba-139

0 Kelvin Cross Sections



Incident Energy (MeV)

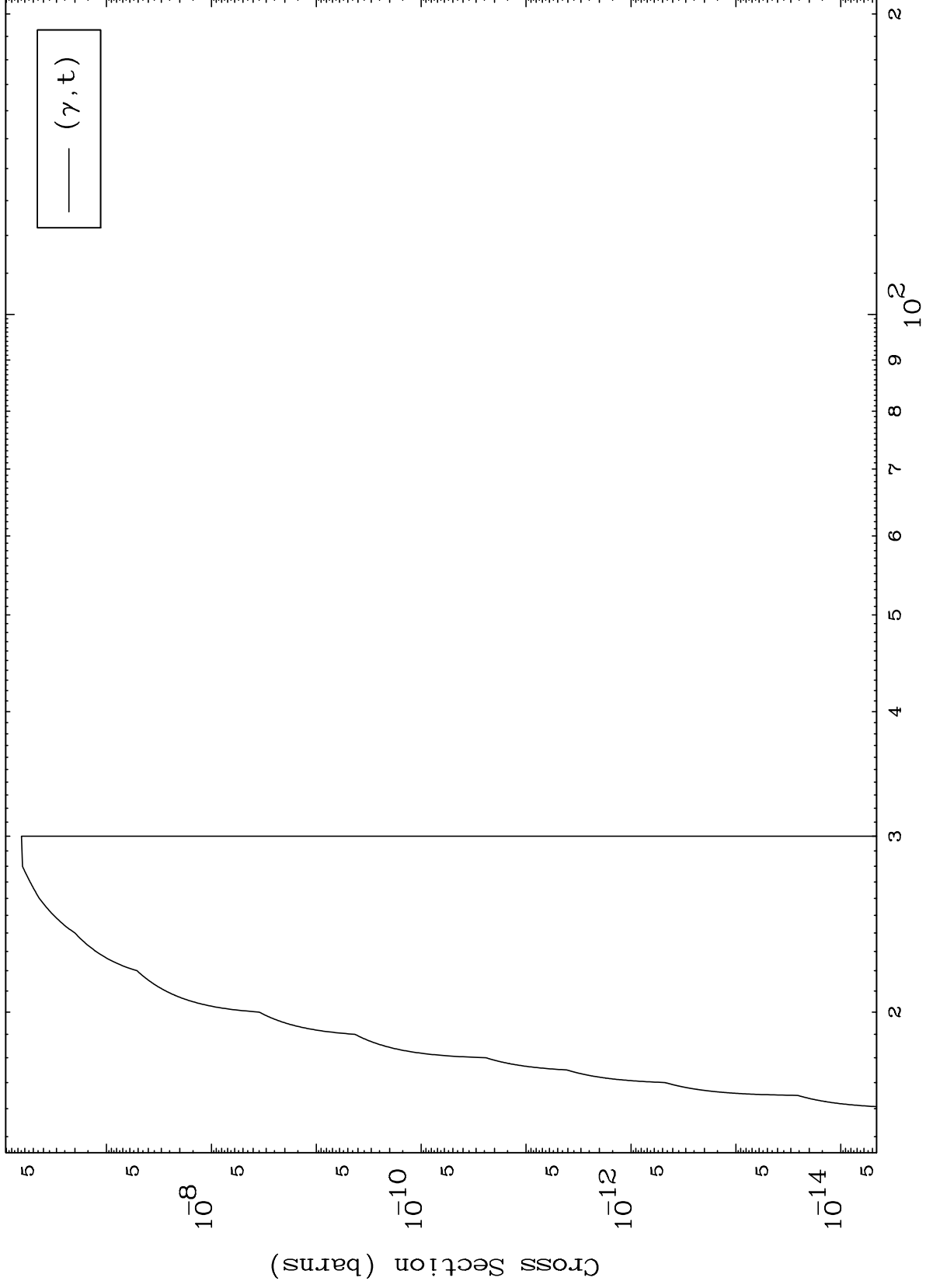
56-Ba-139



MAT 5652

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

56-Ba-139



7

Incident Energy (MeV)

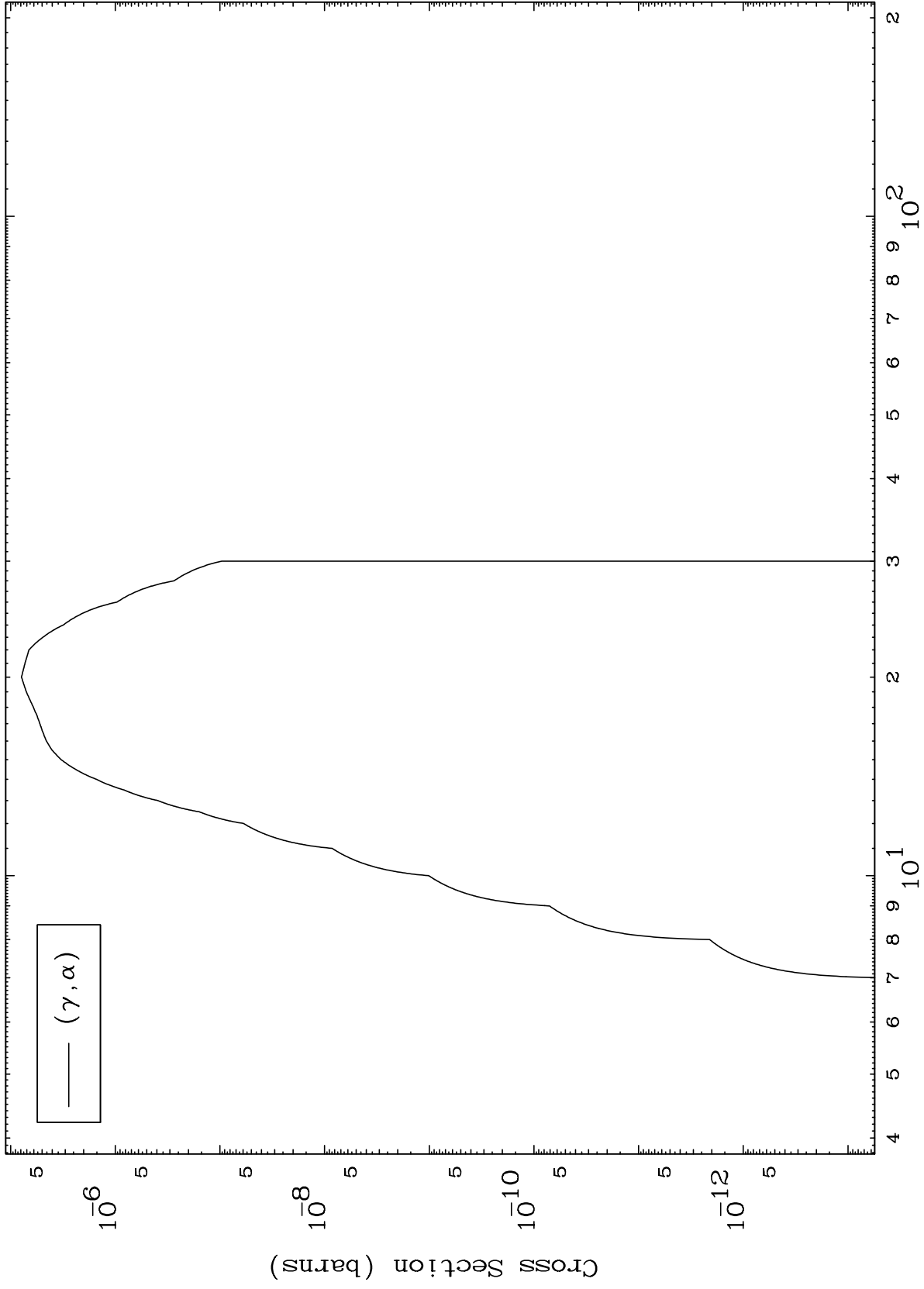
56-Ba-139



MAT 5652

56-Ba-139

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



8

Incident Energy (MeV)

56-Ba-139

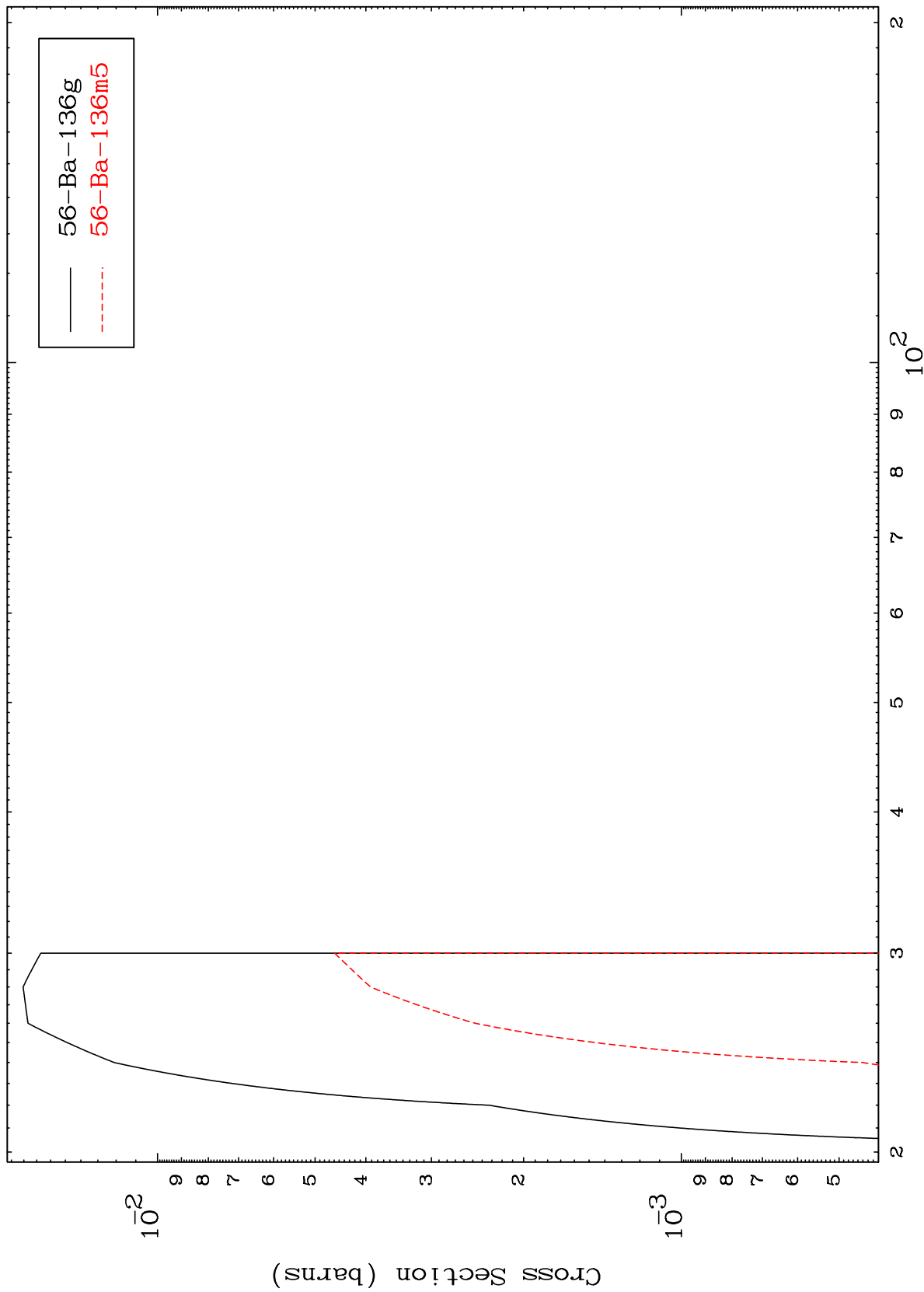


MAT 5652

56-Ba-139

( $\gamma, 3n$ )

Radionuclide Production Cross Section



56-Ba-139

Incident Energy (MeV)

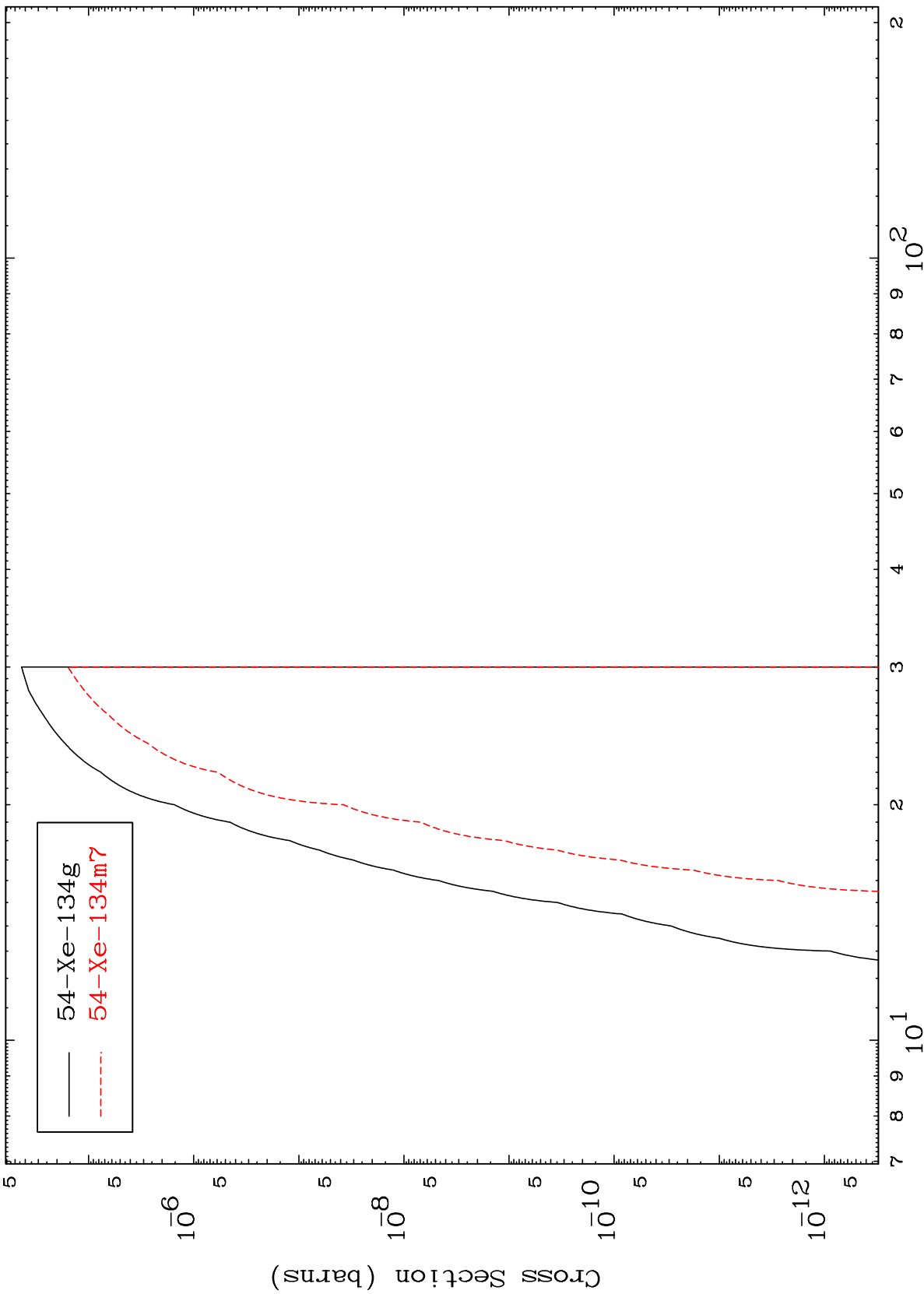
10

MAT 5652

56-Ba-139

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

Radionuclide Production Cross Section



56-Ba-139

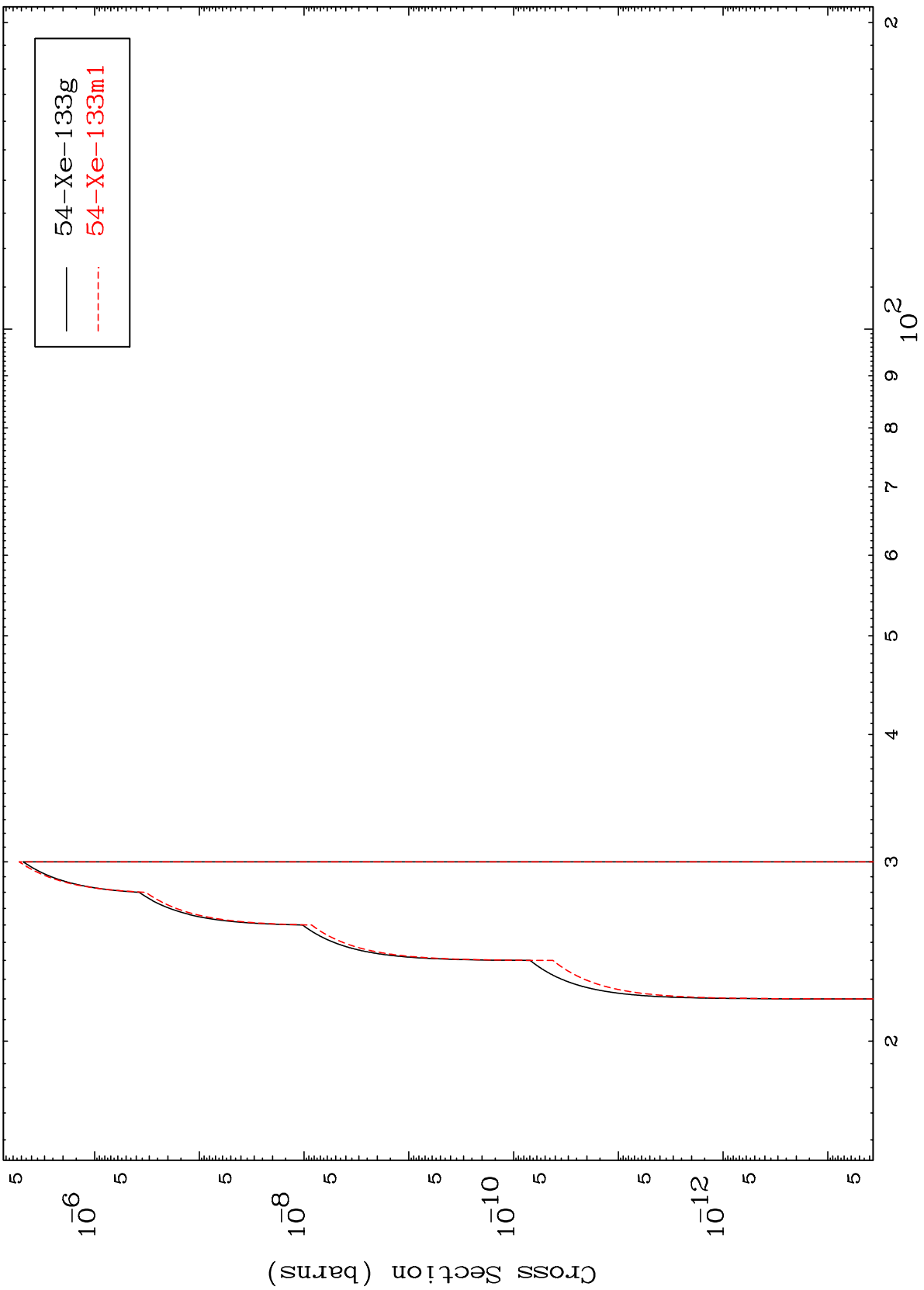
Incident Energy (MeV)

11

MAT 5652

56-Ba-139

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



12

56-Ba-139

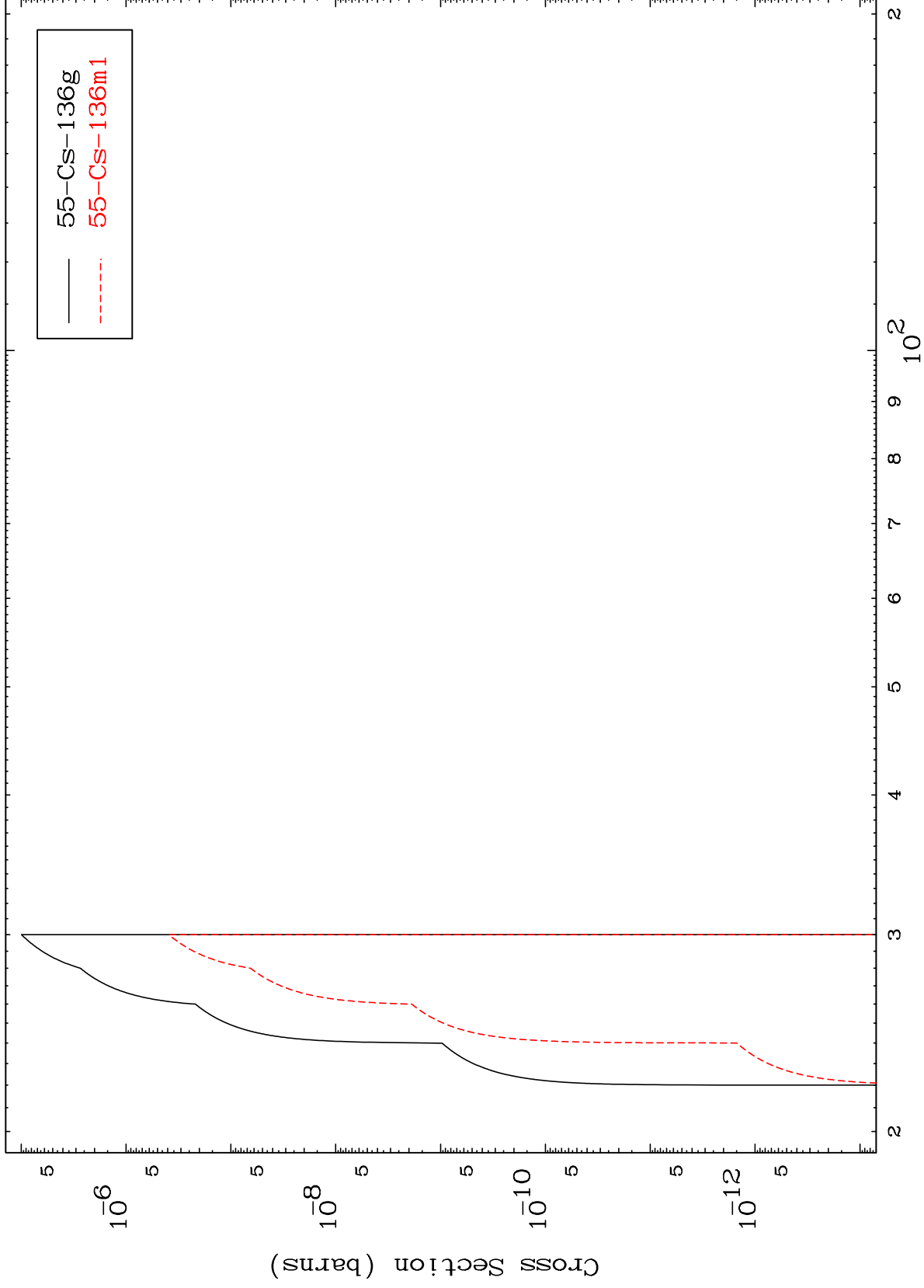
Incident Energy (MeV)

MAT 5652

( $\gamma, n'$ ) d

56-Ba-139

Radionuclide Production Cross Section



13

Incident Energy (MeV)

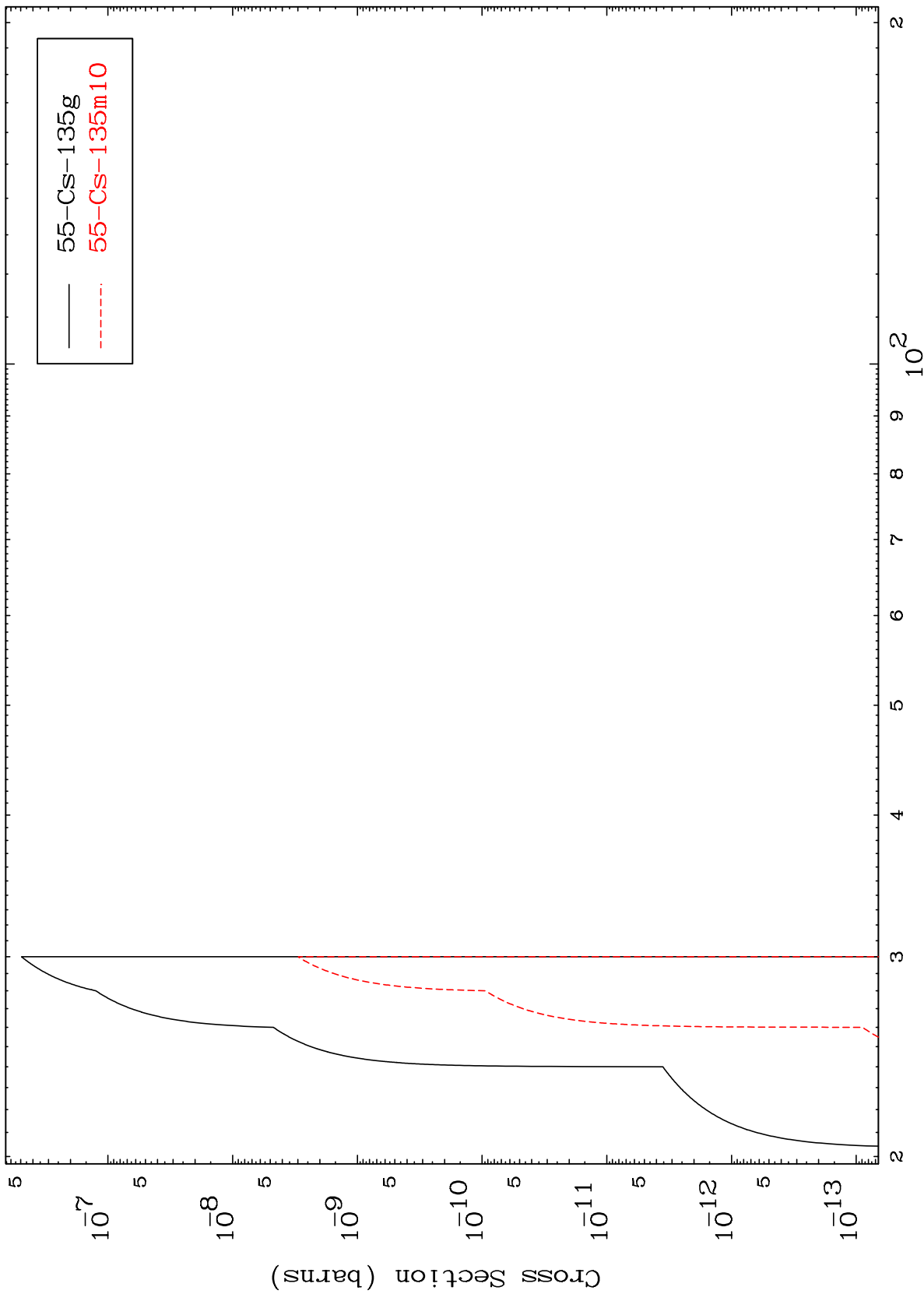
56-Ba-139

MAT 5652

( $\gamma, n'$ ) t

56-Ba-139

Radionuclide Production Cross Section



14

Incident Energy (MeV)

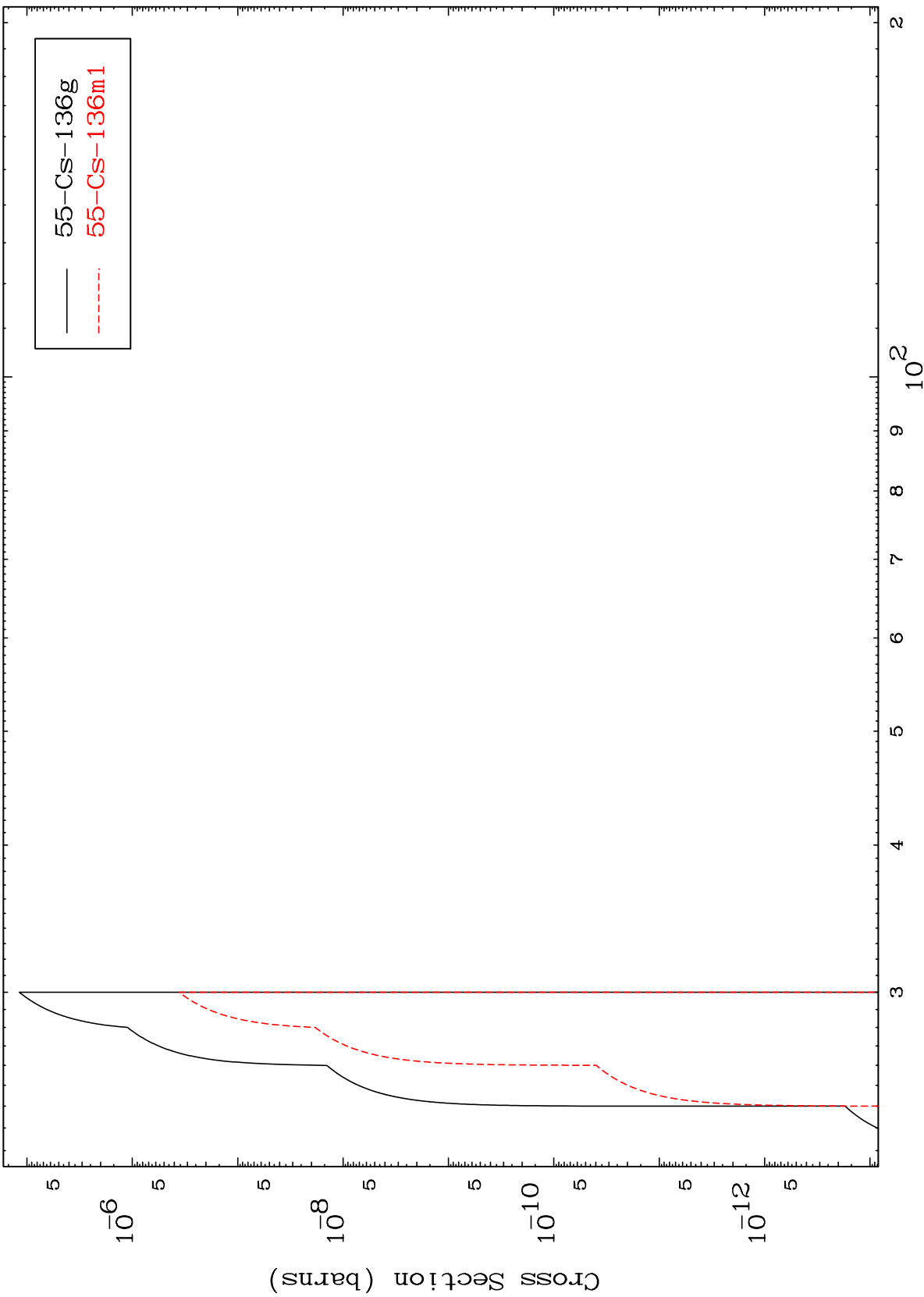
56-Ba-139

MAT 5652

( $\gamma, 2n$ ) p

56-Ba-139

Radionuclide Production Cross Section



55-Cs-136g  
55-Cs-136m1

15

Incident Energy (MeV)

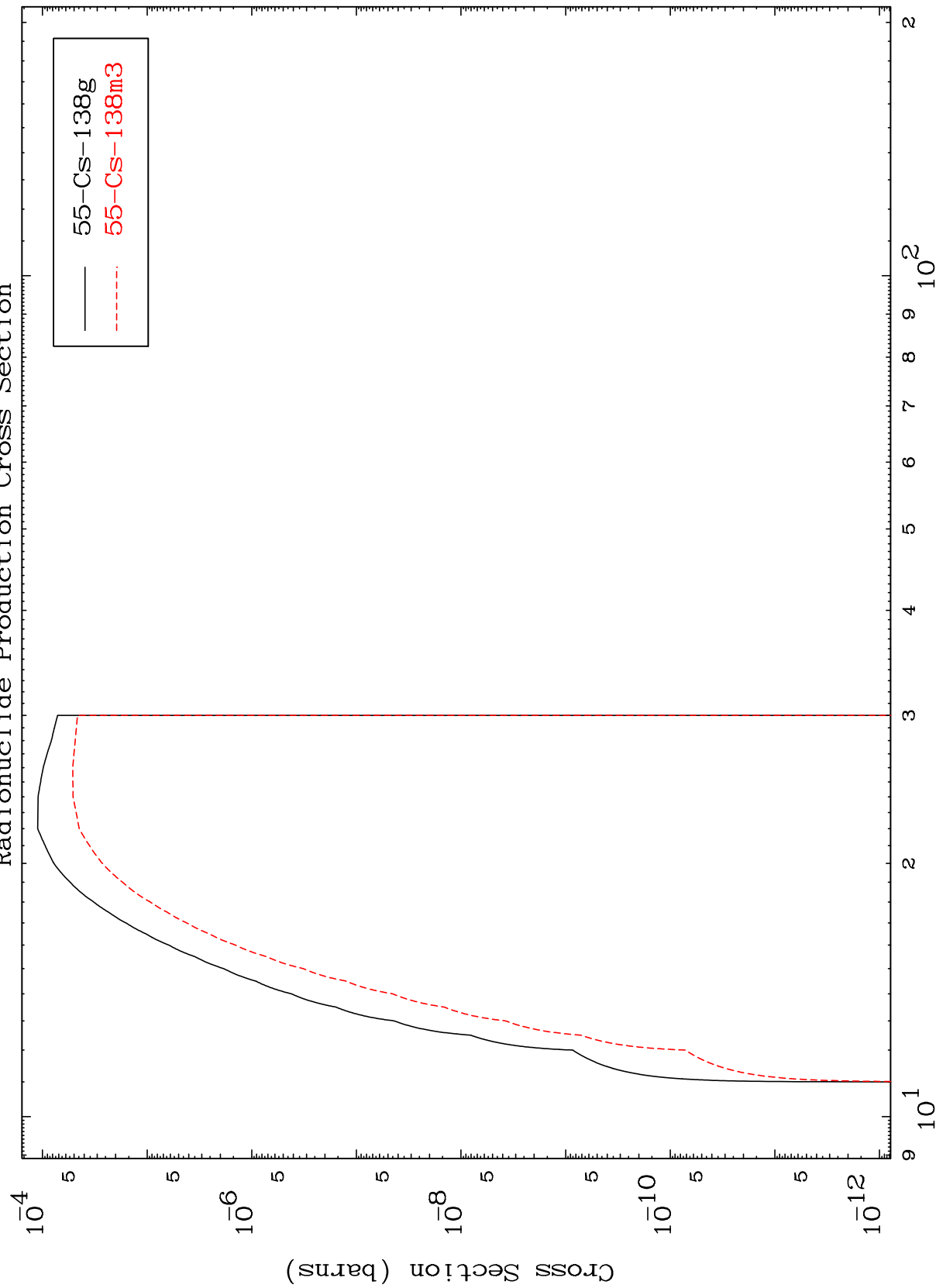
56-Ba-139



MAT 5652

56-Ba-139

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

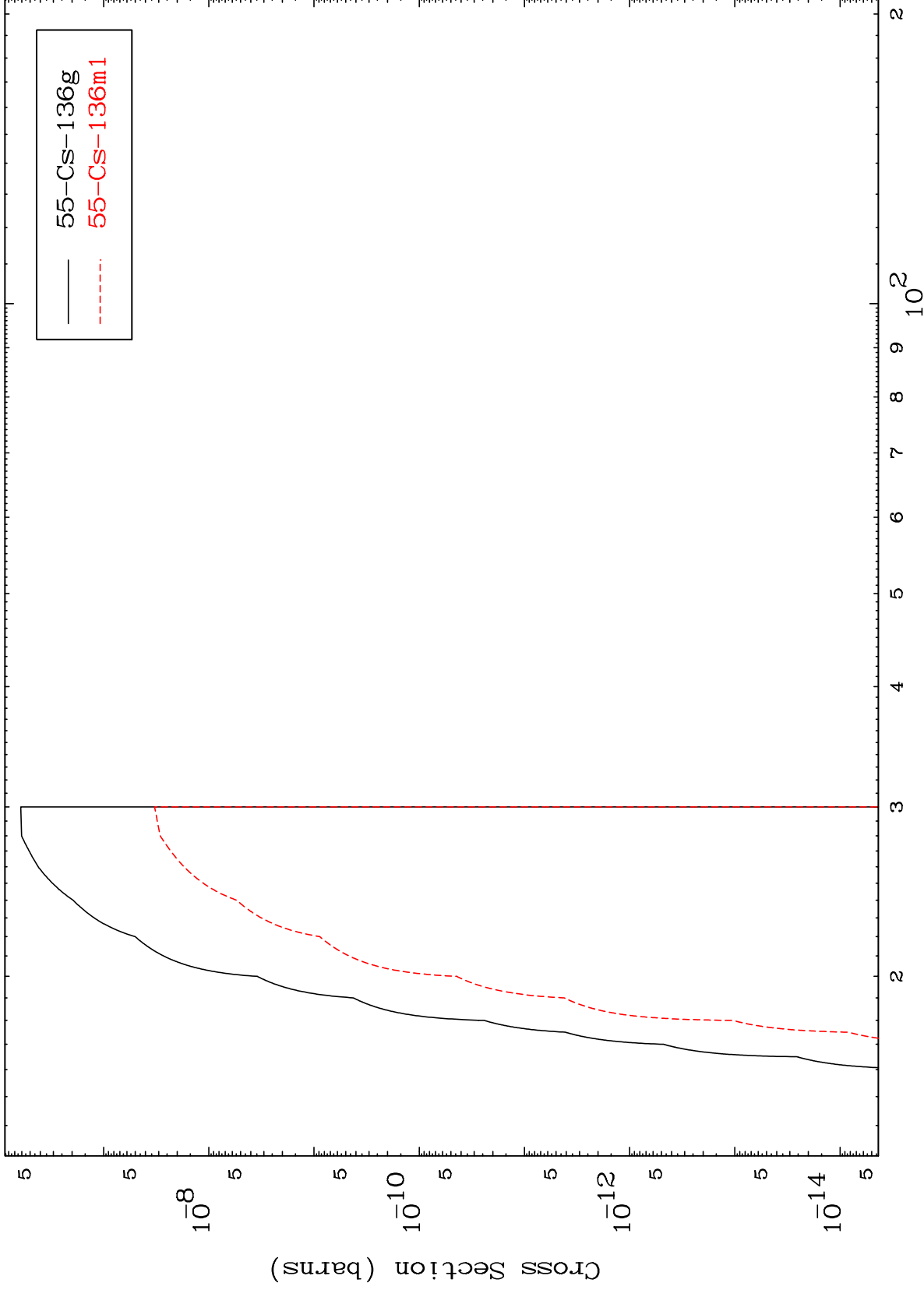


56-Ba-139

Incident Energy (MeV)

16

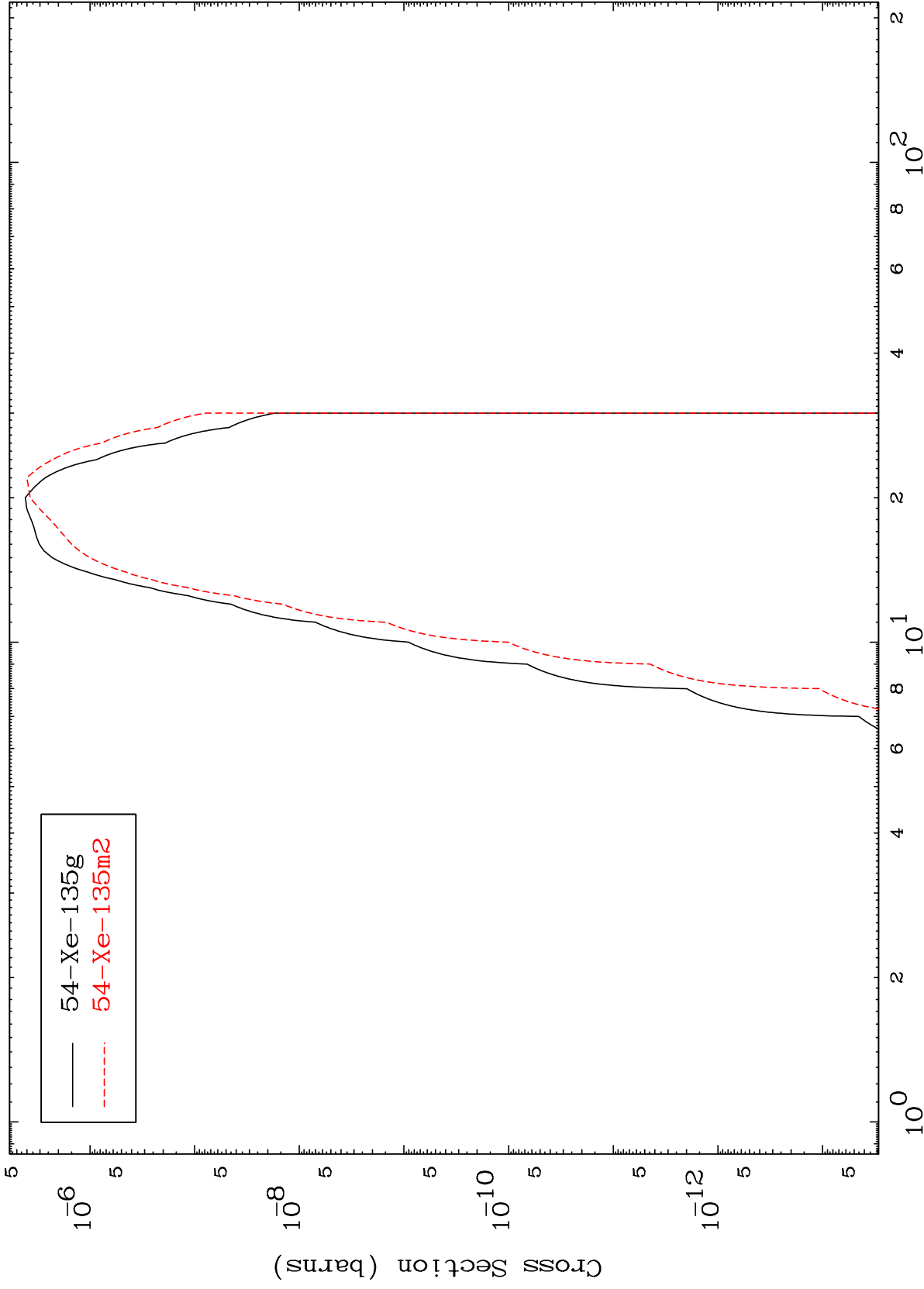
Radionuclide Production Cross Section



MAT 5652

56-Ba-139

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



56-Ba-139

Incident Energy (MeV)

18