

Program EVALPLOT  
(Version 2017-1)

by

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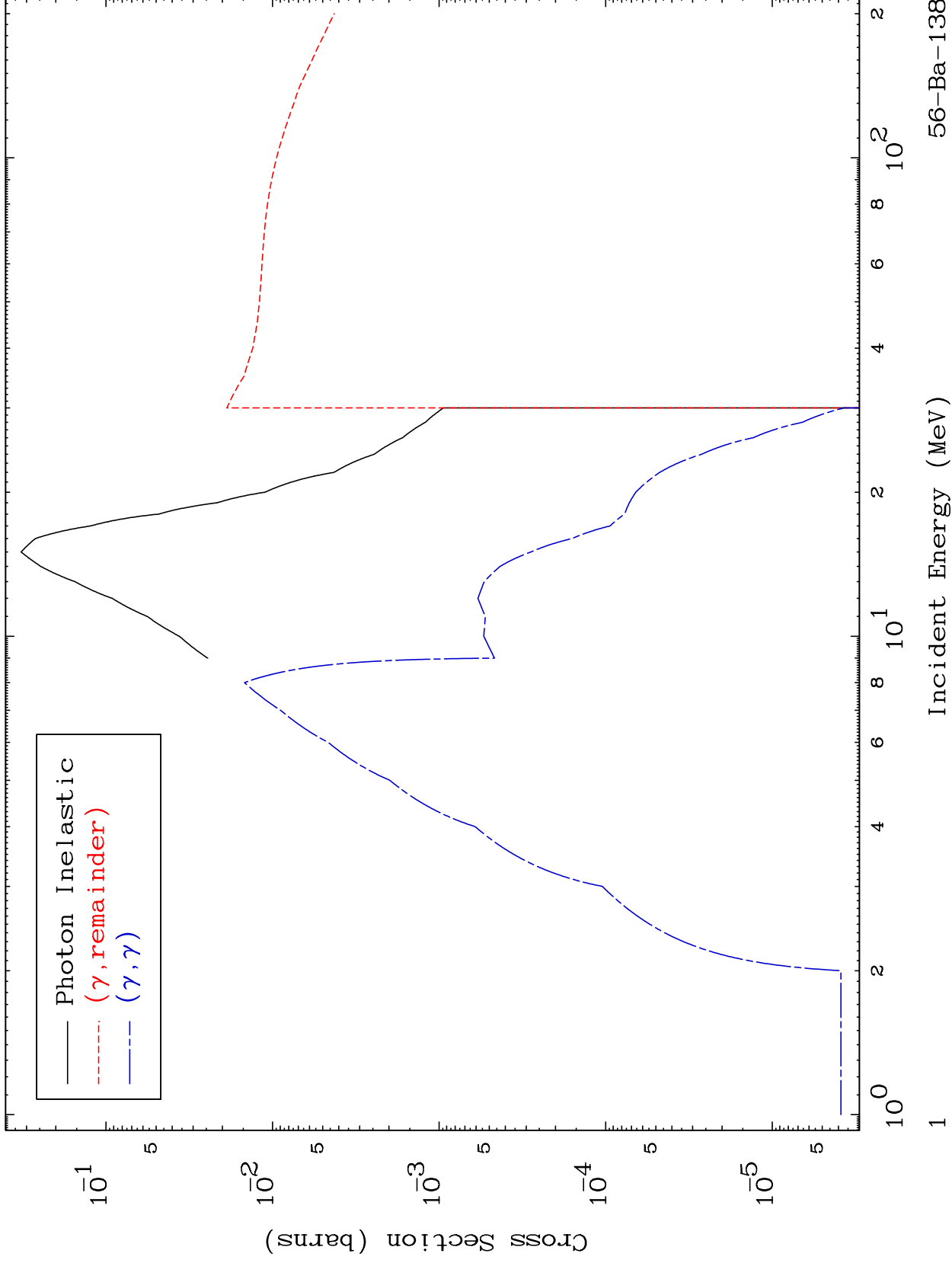
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5649

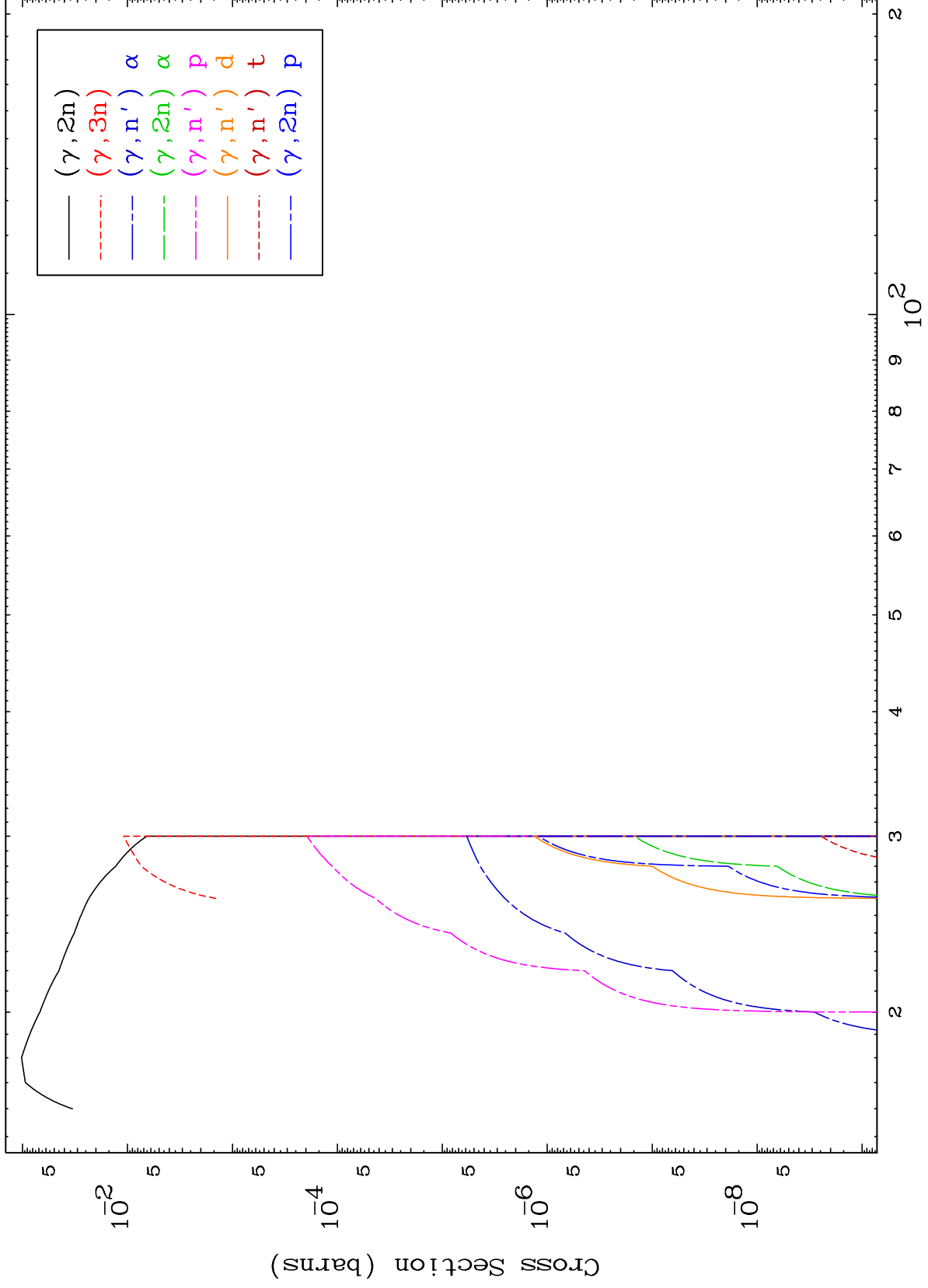
Photon Major  
0 Kelvin Cross Sections

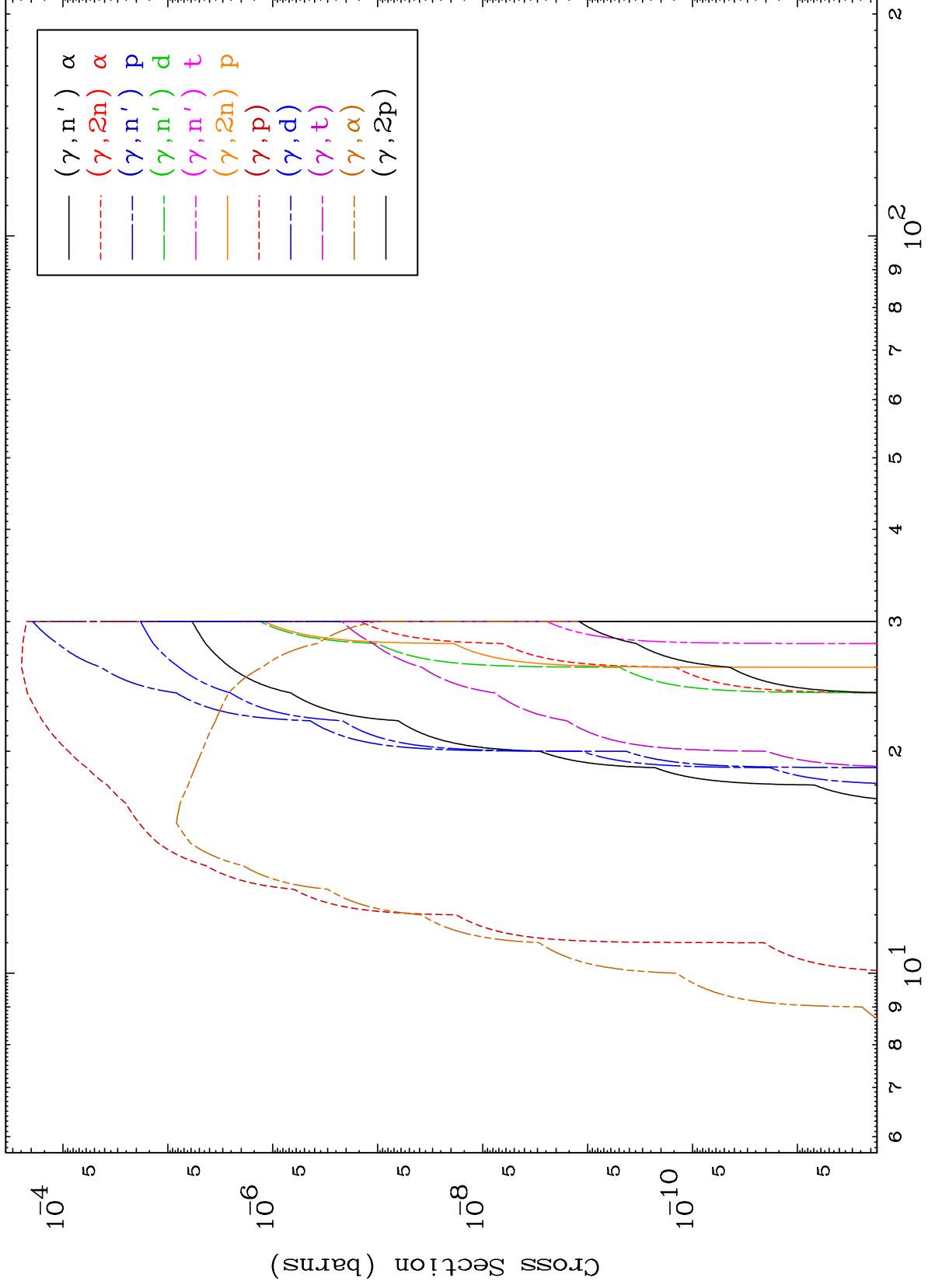
56-Ba-138



56-Ba-138

Incident Energy (MeV)



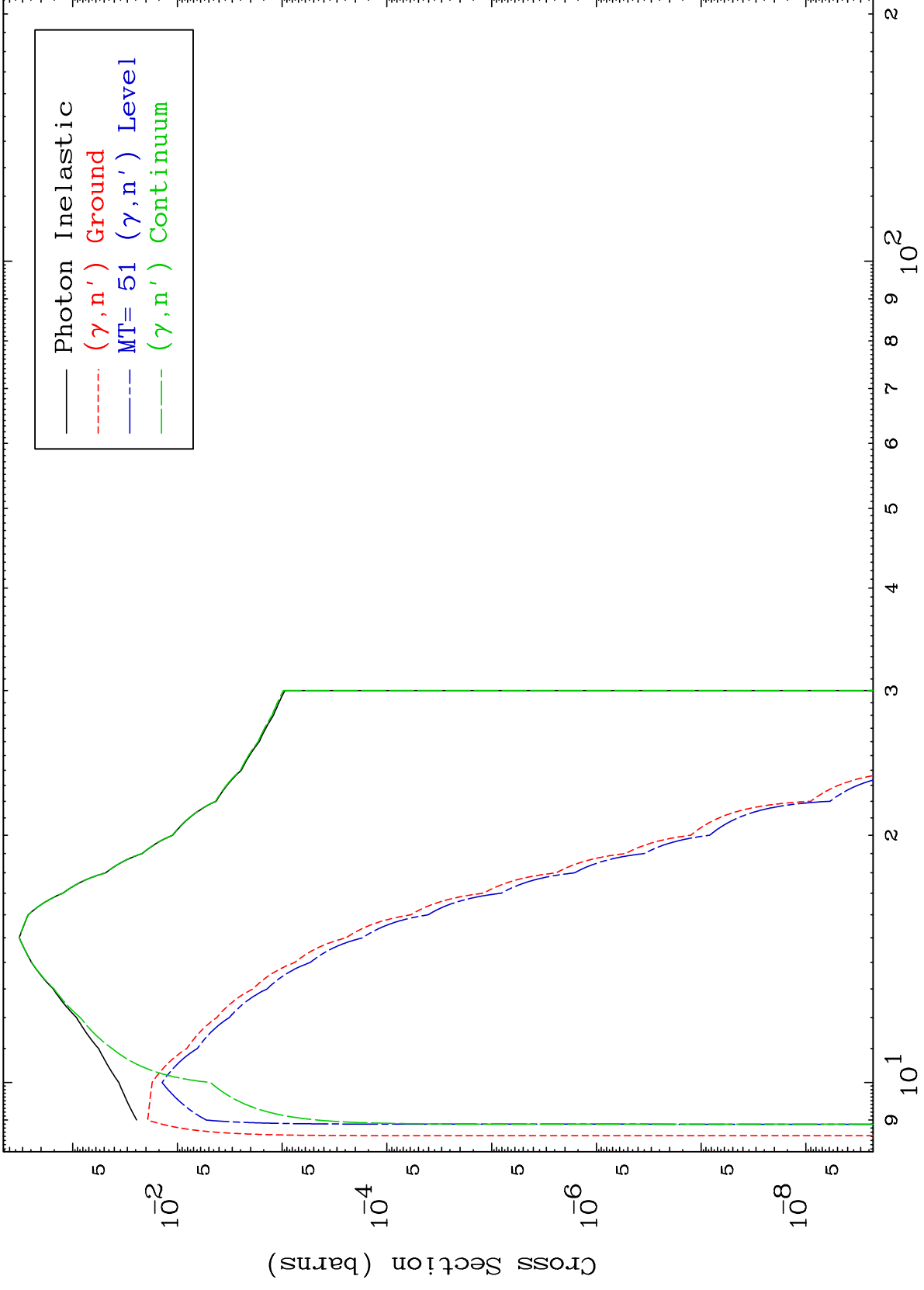


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( $\gamma, n'$ ) Level

56-Ba-138

0 Kelvin Cross Sections



4

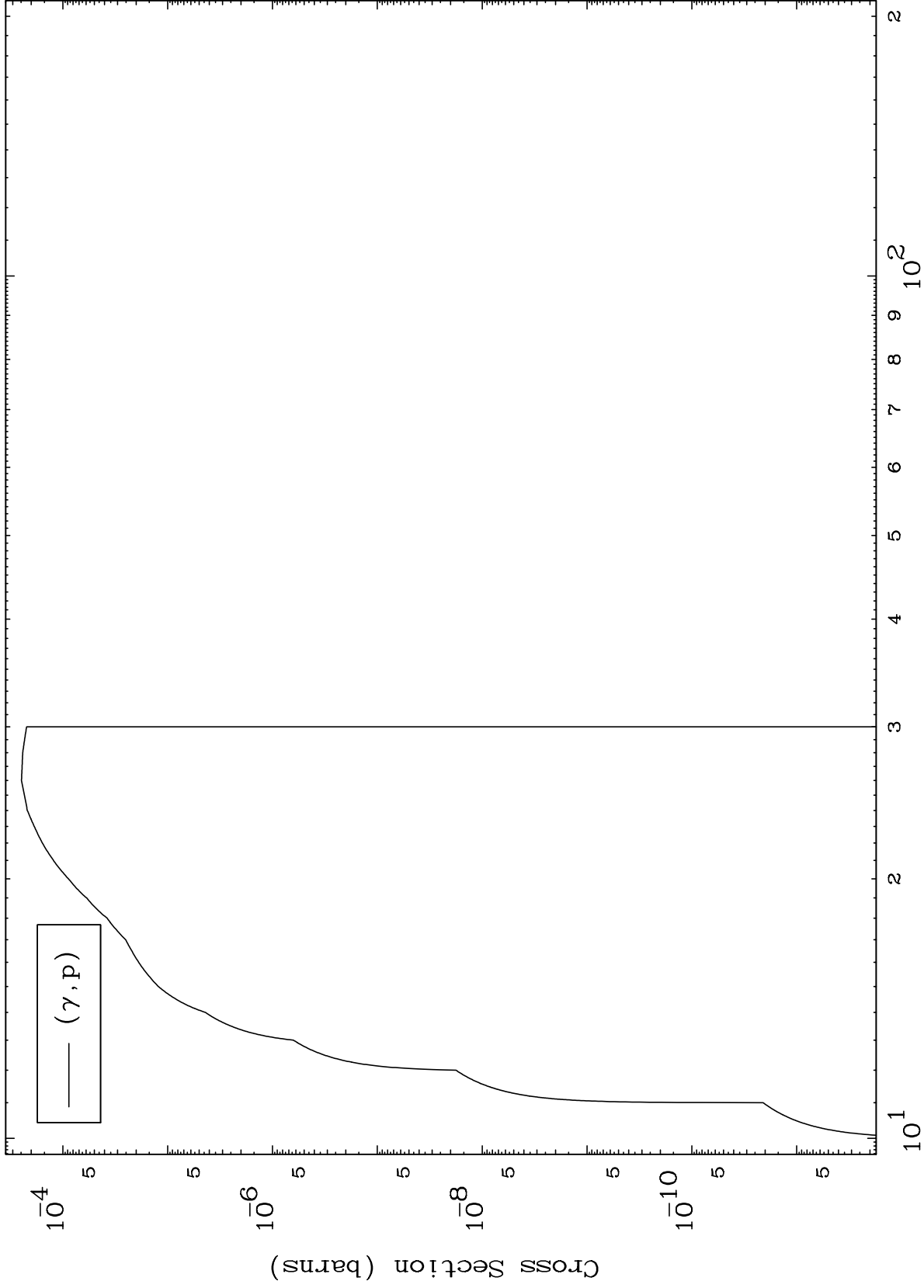
Incident Energy (MeV)

56-Ba-138

MAT 5649

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

56-Ba-138



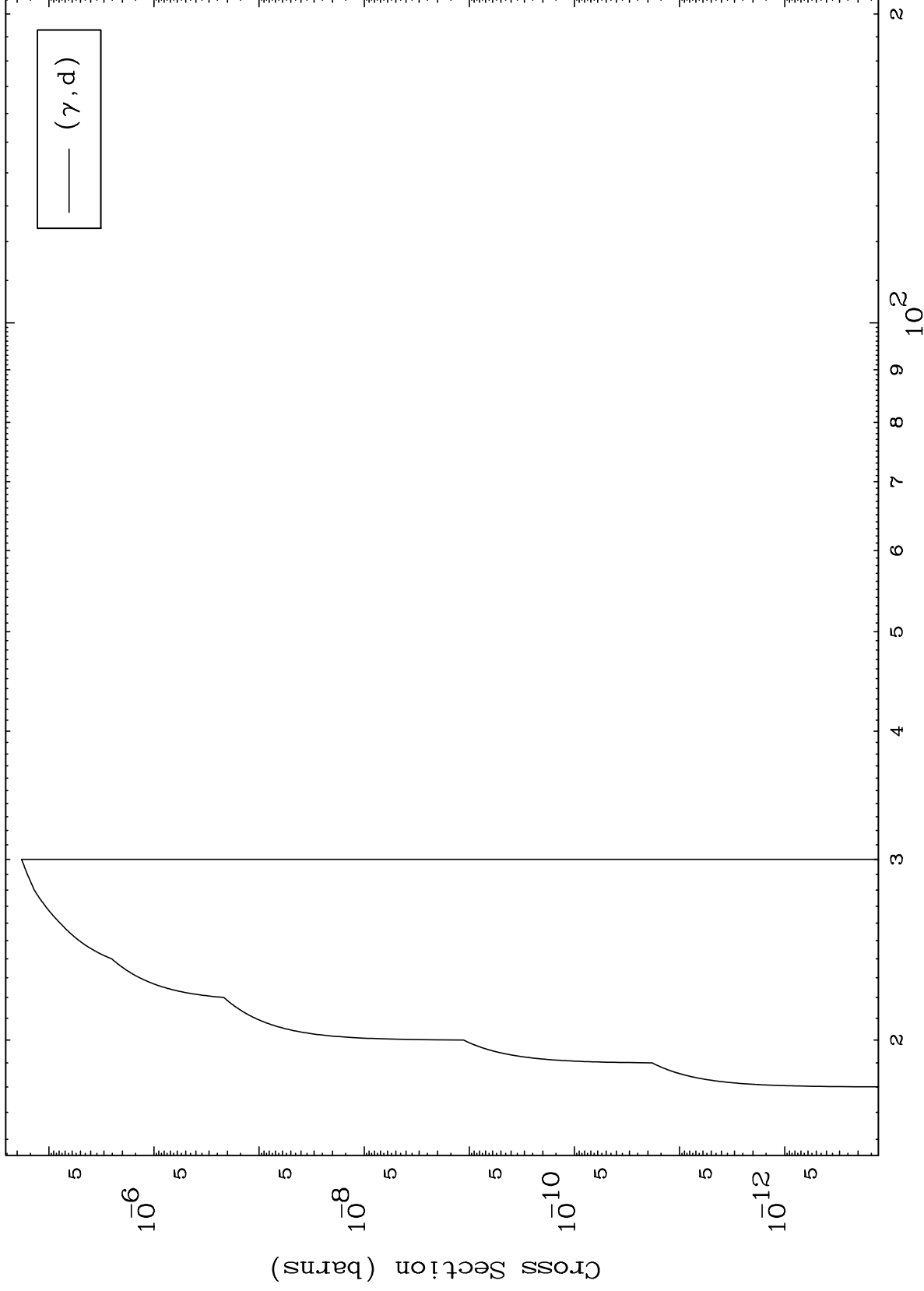
Incident Energy (MeV)

56-Ba-138

MAT 5649

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

56-Ba-138



6

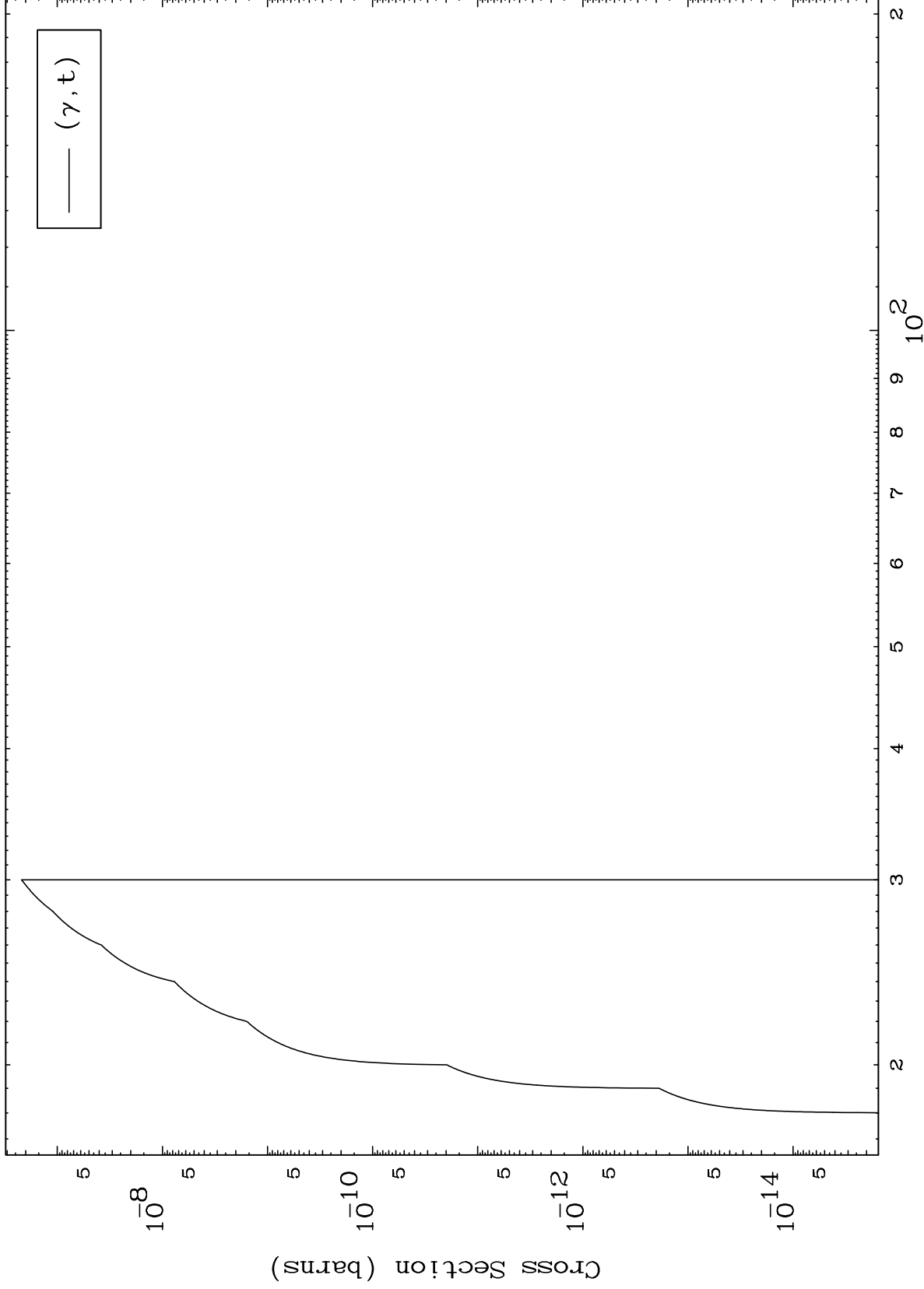
Incident Energy (MeV)

56-Ba-138

MAT 5649

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

56-Ba-138



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Incident Energy (MeV)

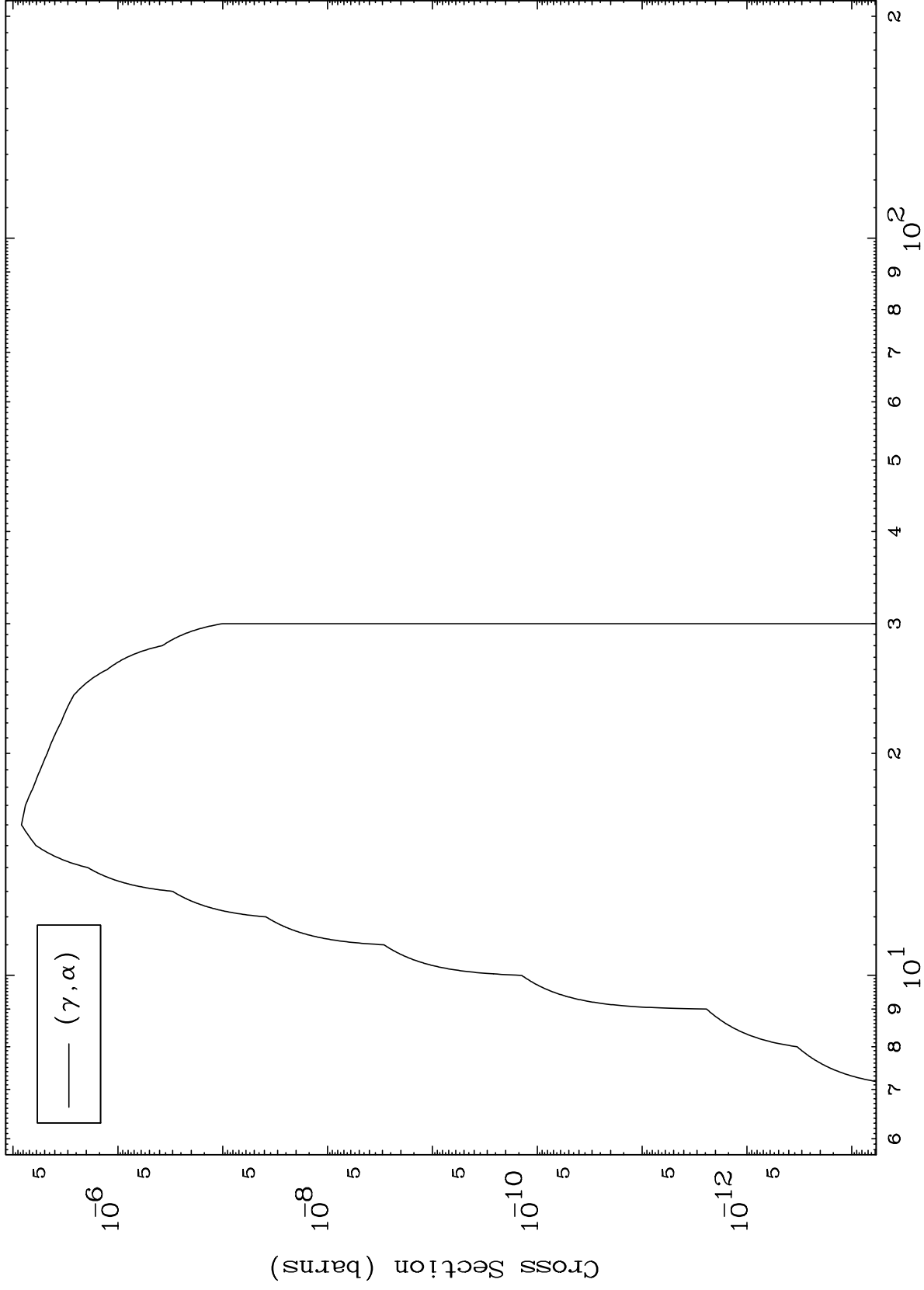
56-Ba-138



MAT 5649

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

56-Ba-138



8

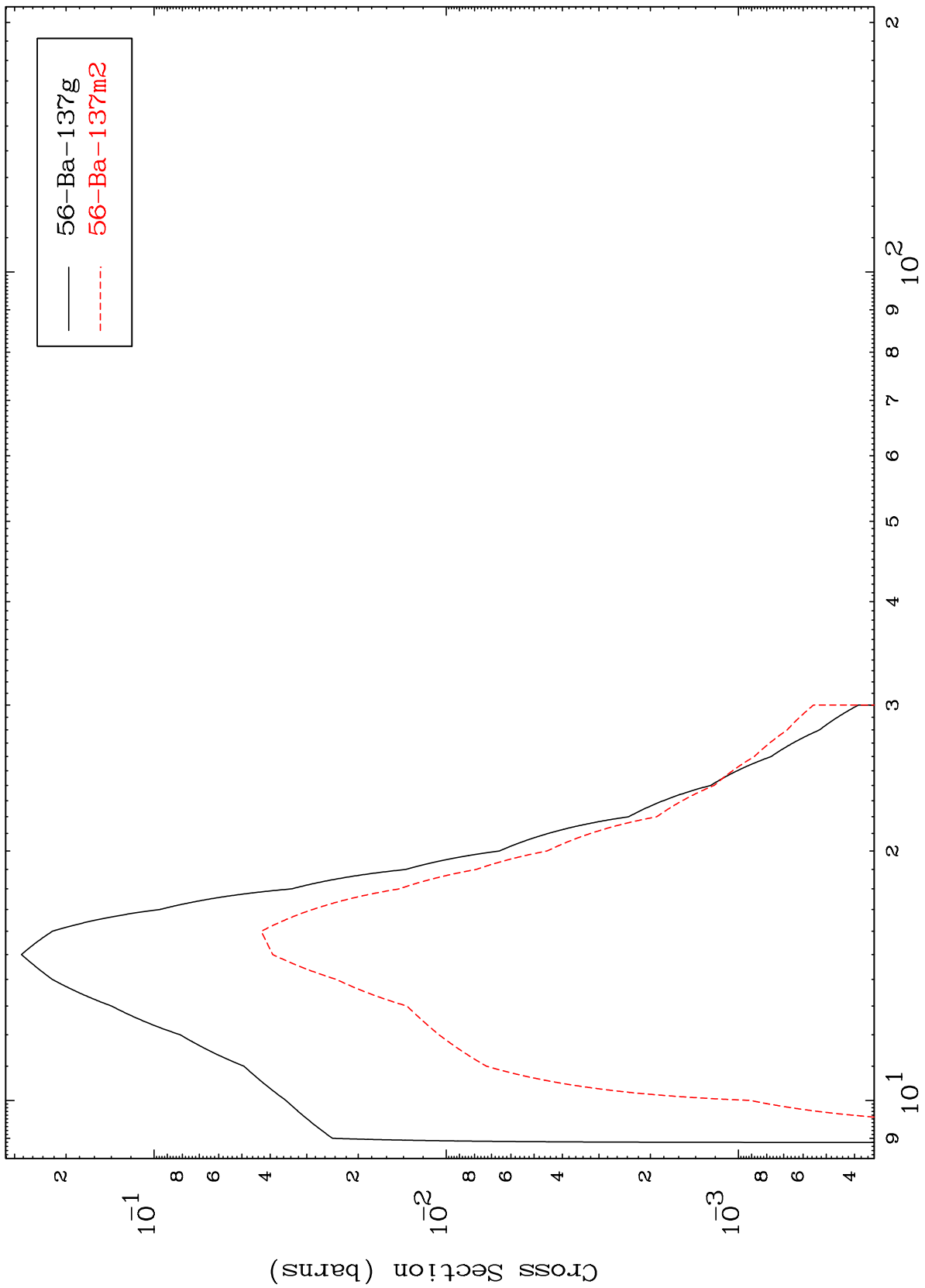
Incident Energy (MeV)

56-Ba-138

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56-Ba-138

Photon Inelastic  
Radionuclide Production Cross Section



56-Ba-138

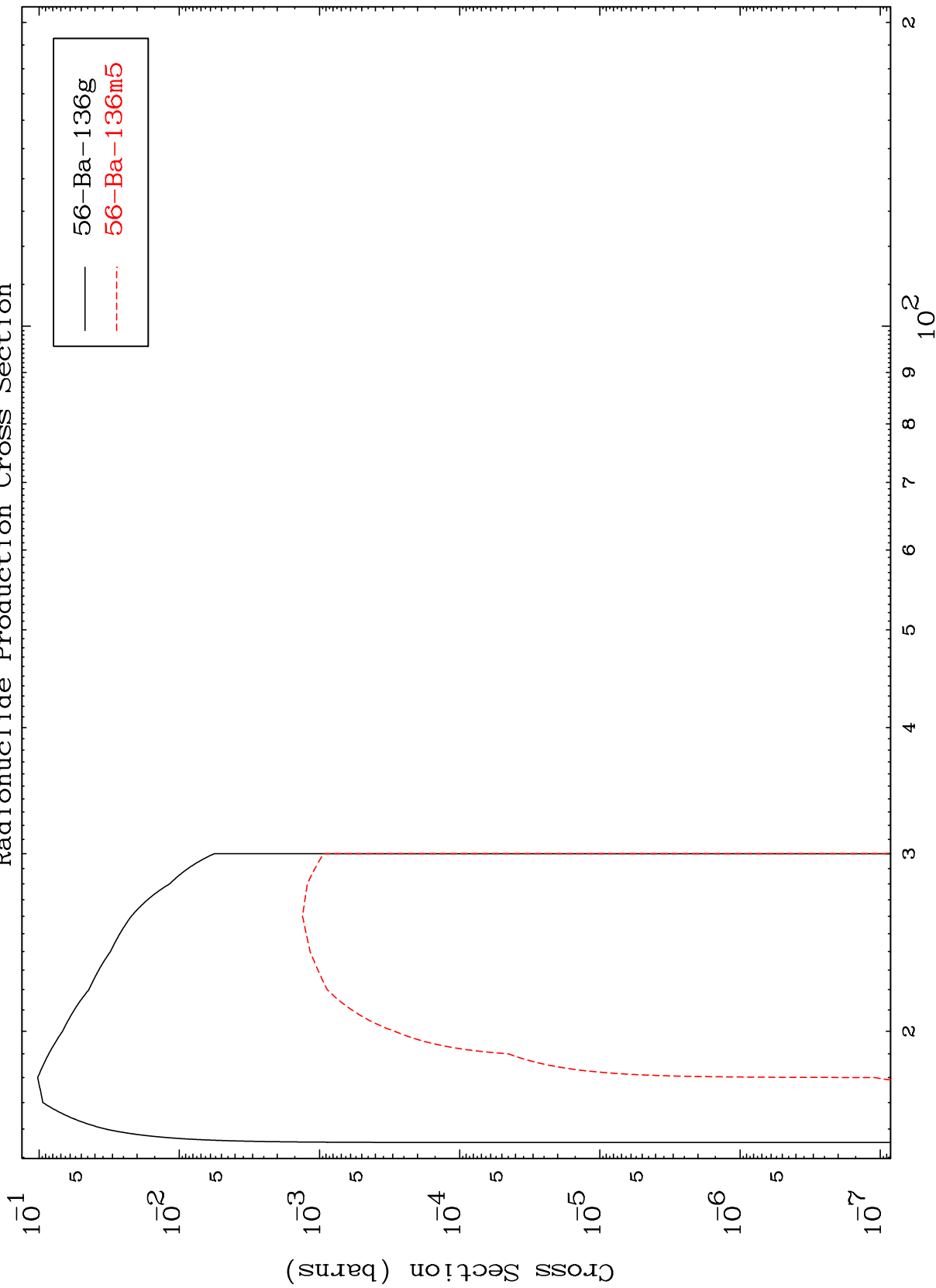
Incident Energy (MeV)

9

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56-Ba-138

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



— 56-Ba-136g  
- - - 56-Ba-136m5

10

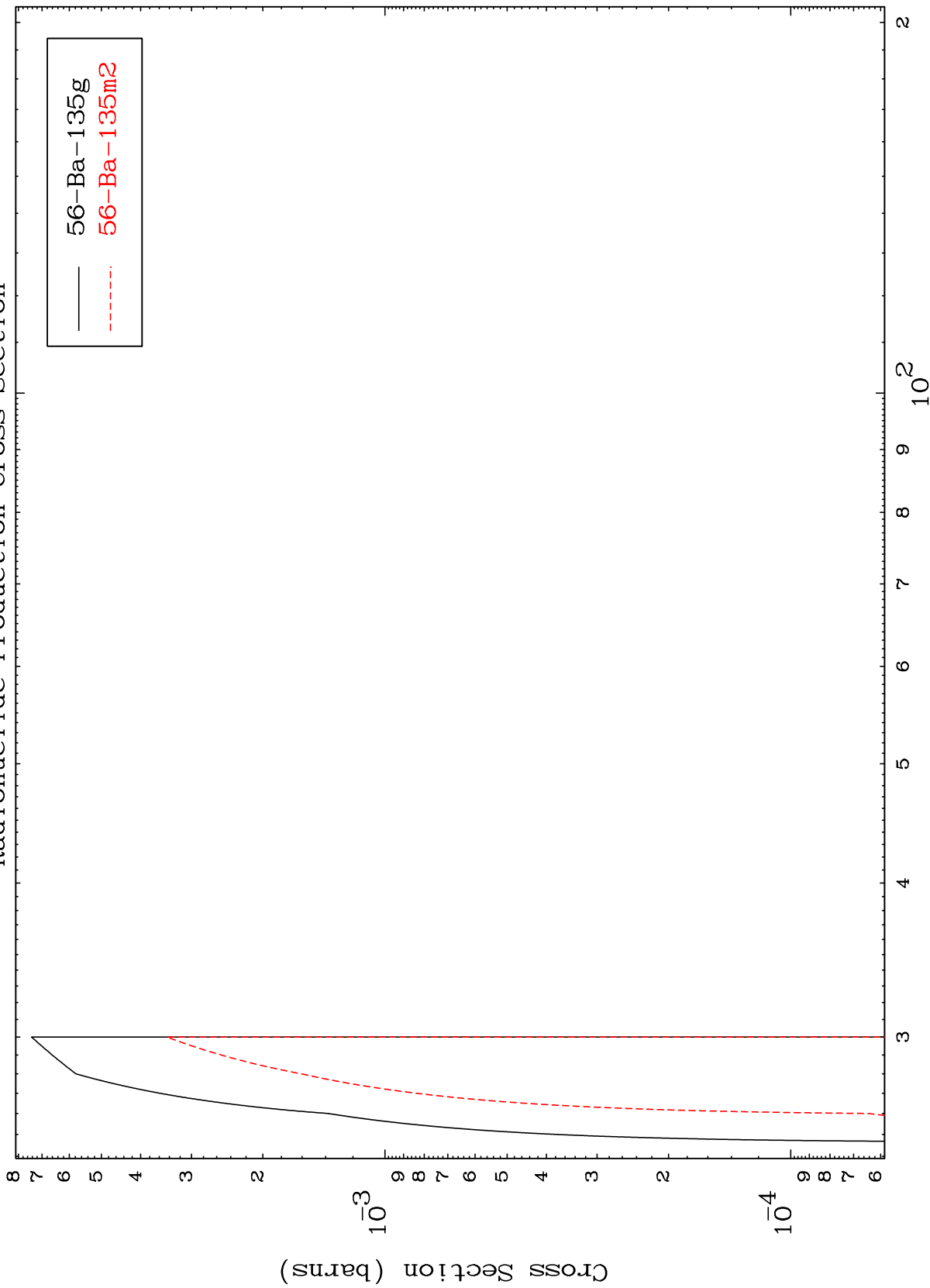
Incident Energy (MeV)

56-Ba-138

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56-Ba-138

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



56-Ba-135g  
56-Ba-135m2

56-Ba-138

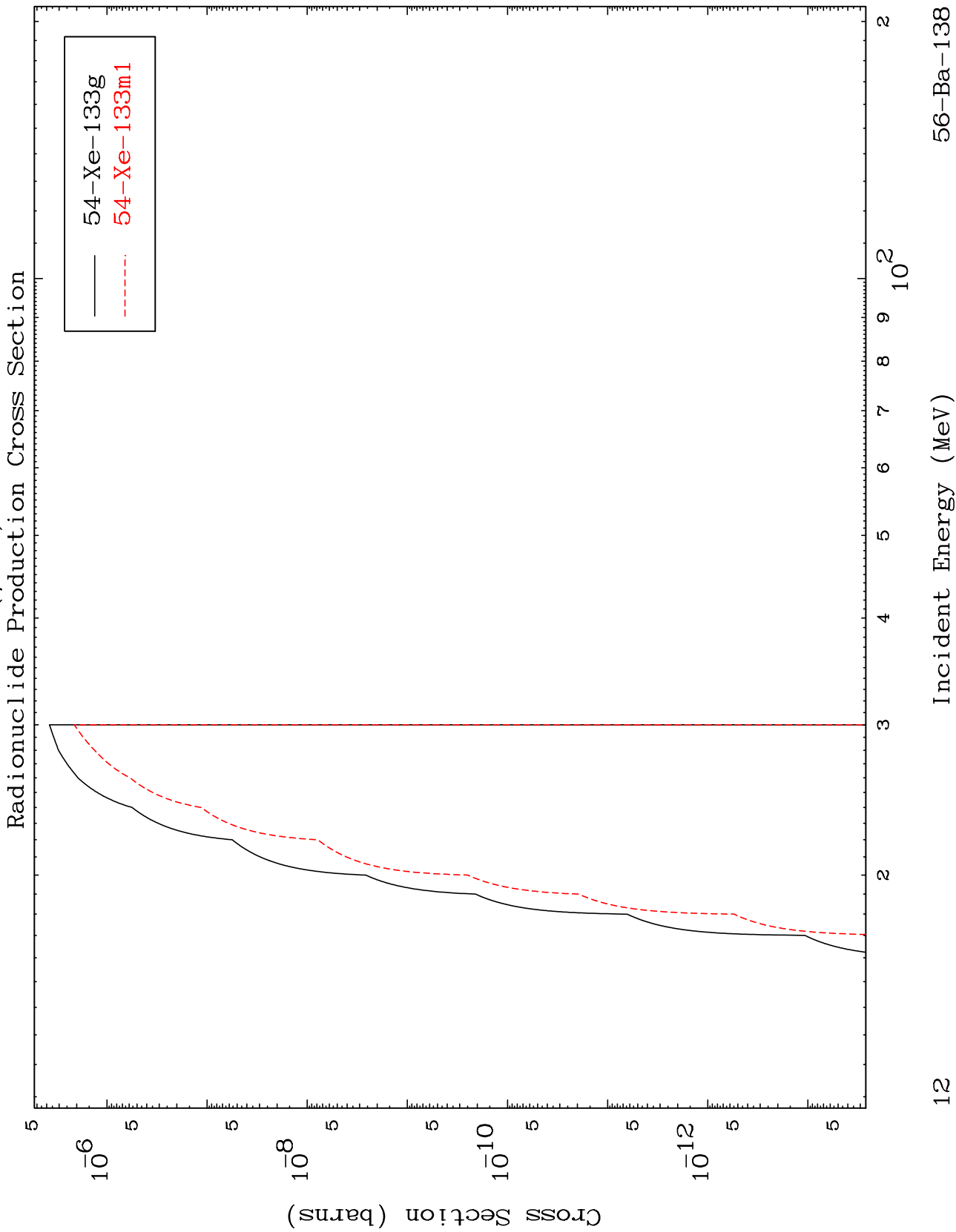
Incident Energy (MeV)

11

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56-Ba-138

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



12

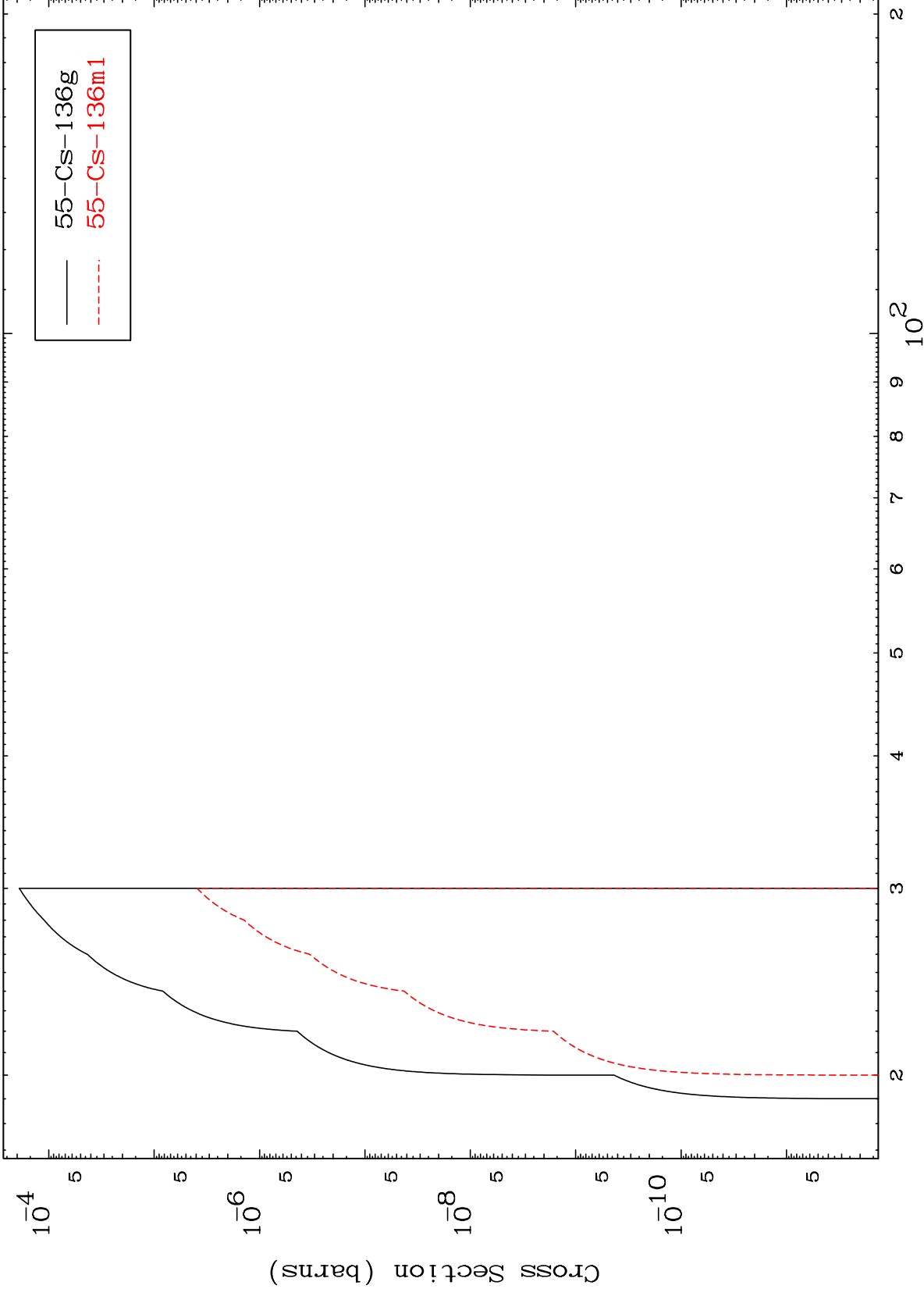
56-Ba-138

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$(\gamma, n')$  p

56-Ba-138

Radionuclide Production Cross Section



13

Incident Energy (MeV)

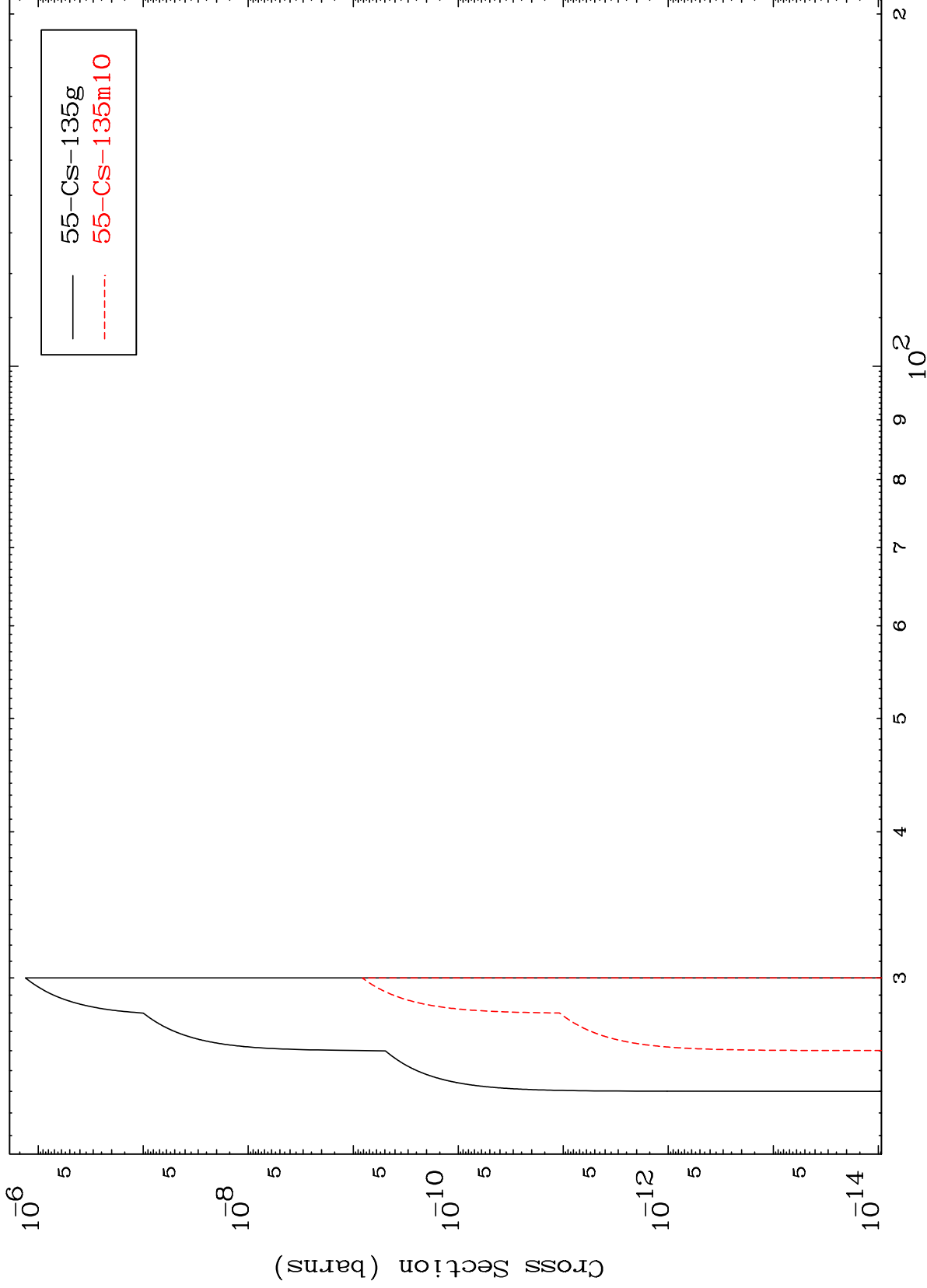
56-Ba-138

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( $\gamma, n'$ ) d

56-Ba-138

Radionuclide Production Cross Section



14

Incident Energy (MeV)

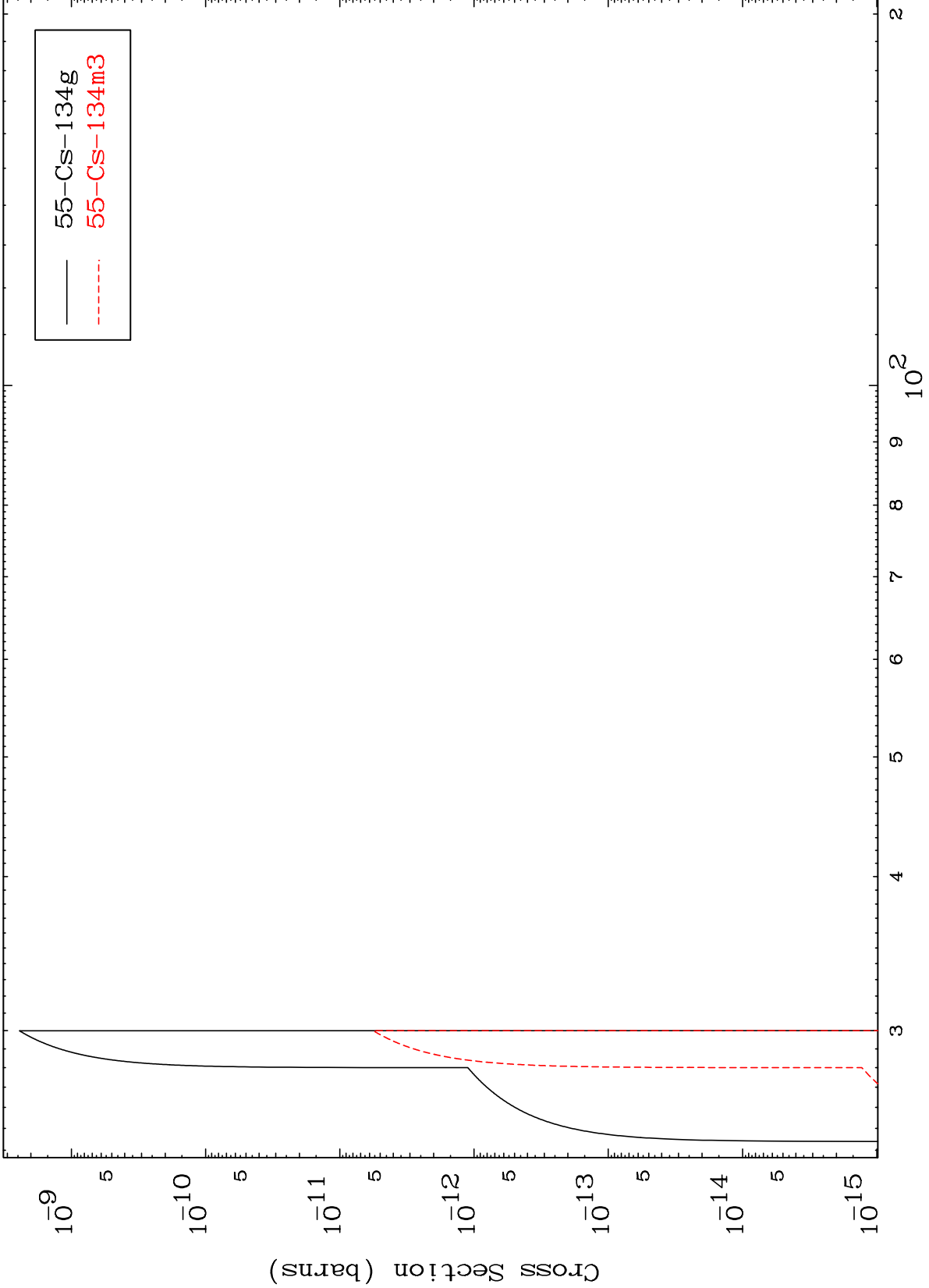
56-Ba-138

MAT 5649

( $\gamma, n'$ ) t

56-Ba-138

Radionuclide Production Cross Section



15

Incident Energy (MeV)

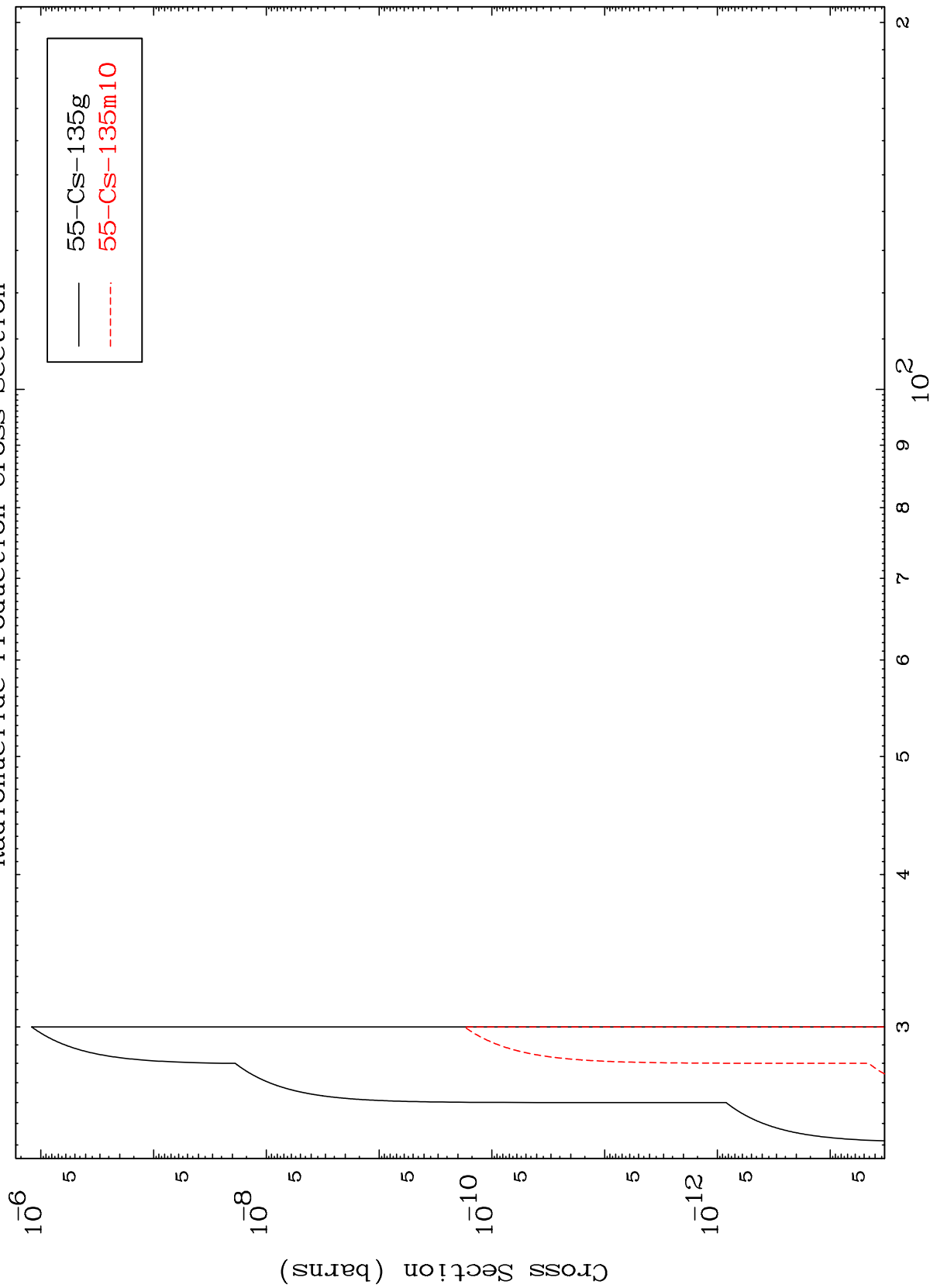
56-Ba-138



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56-Ba-138

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

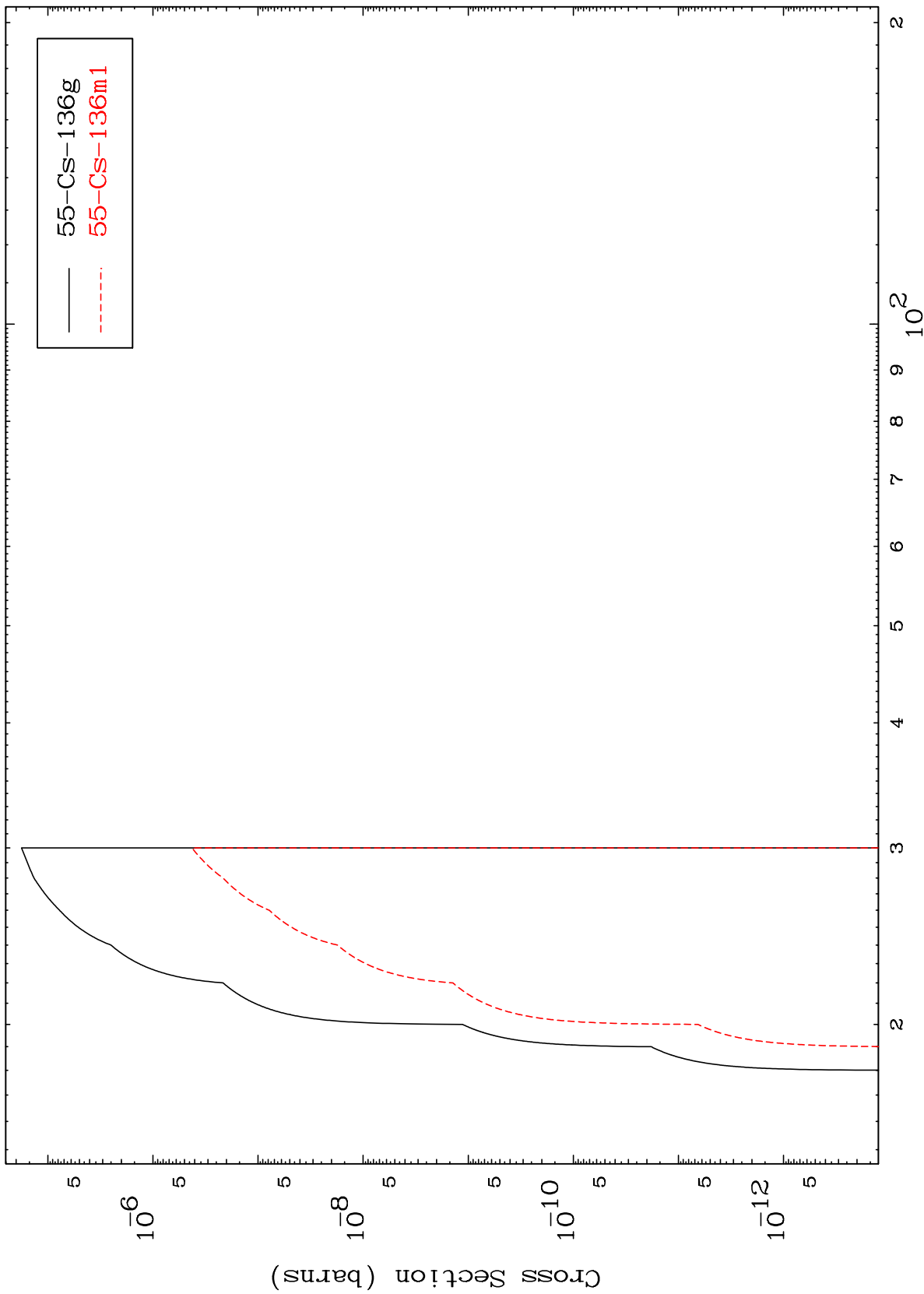


56-Ba-138

Incident Energy (MeV)

16

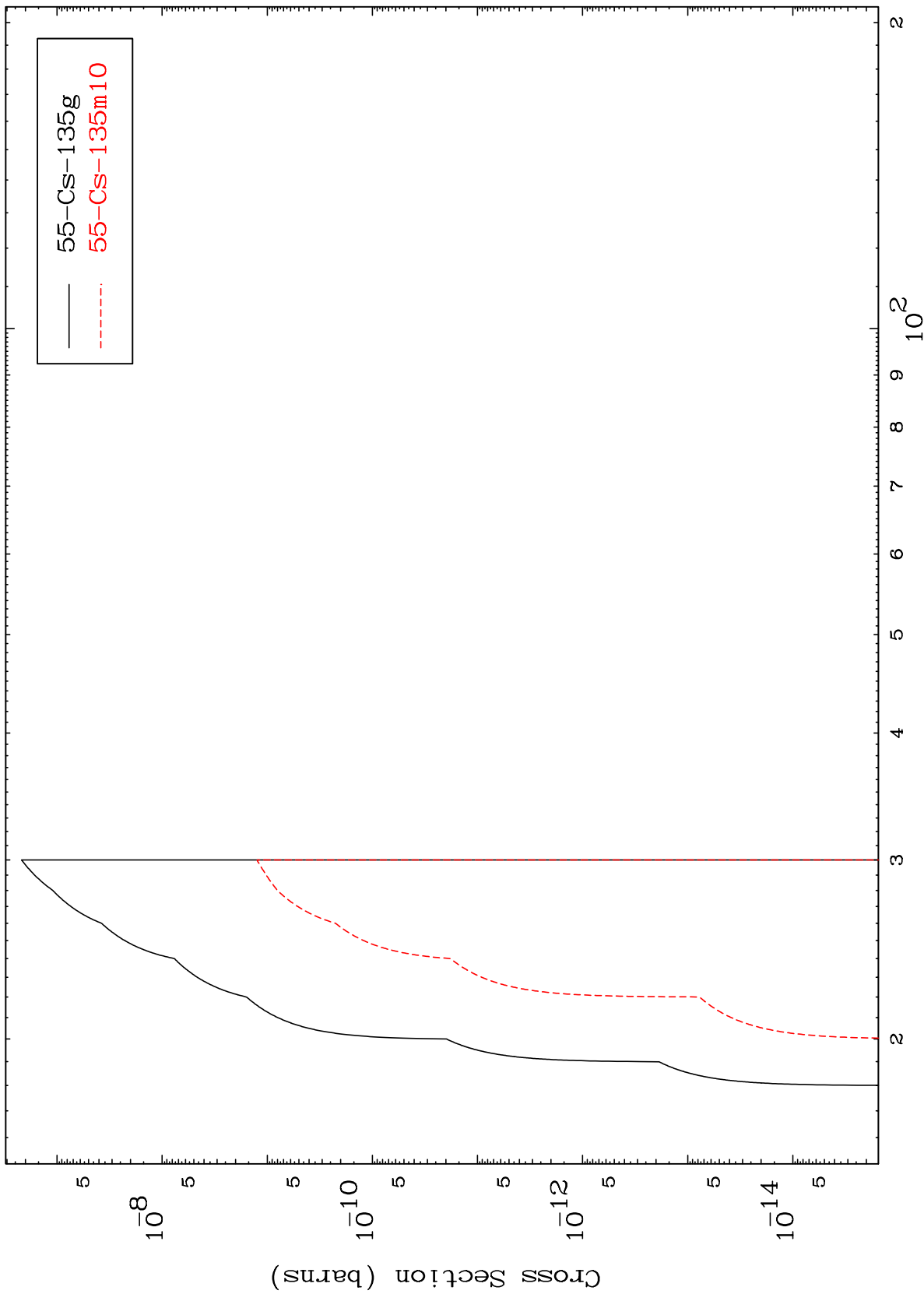
( $\gamma, d$ )  
Radionuclide Production Cross Section



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56-Ba-138

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



18

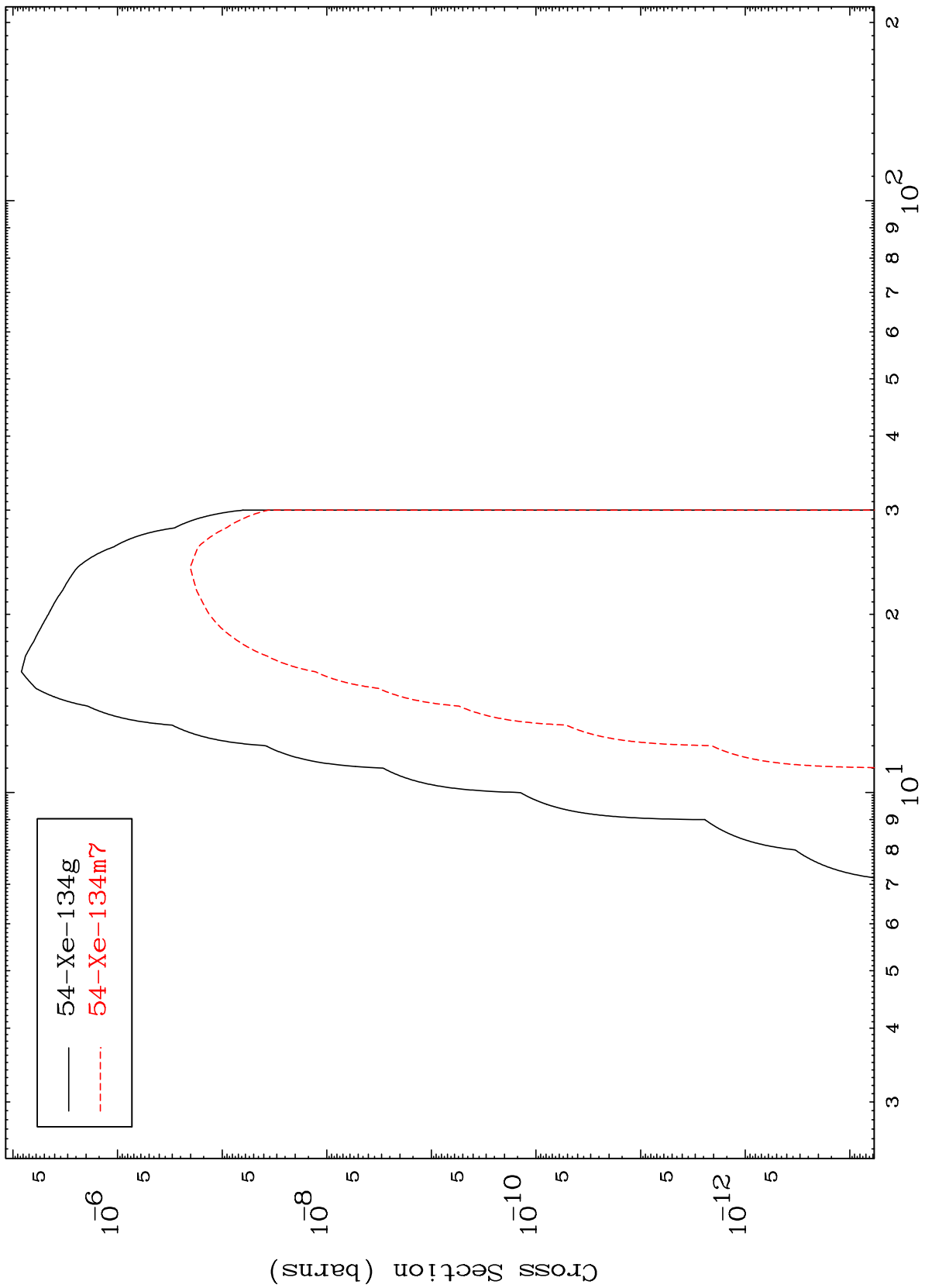
56-Ba-138

Incident Energy (MeV)

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56-Ba-138

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



19

Incident Energy (MeV)

56-Ba-138