

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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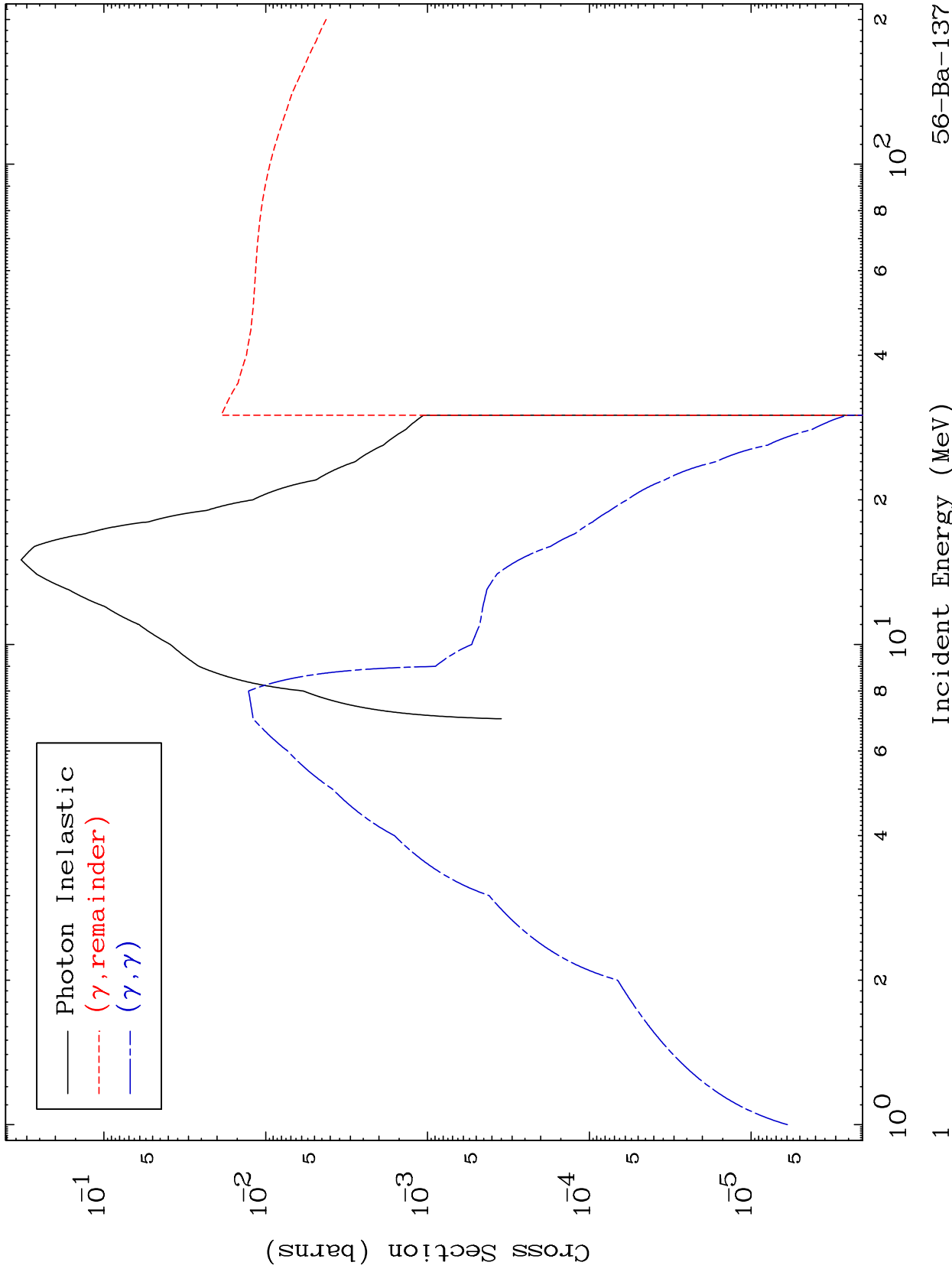
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

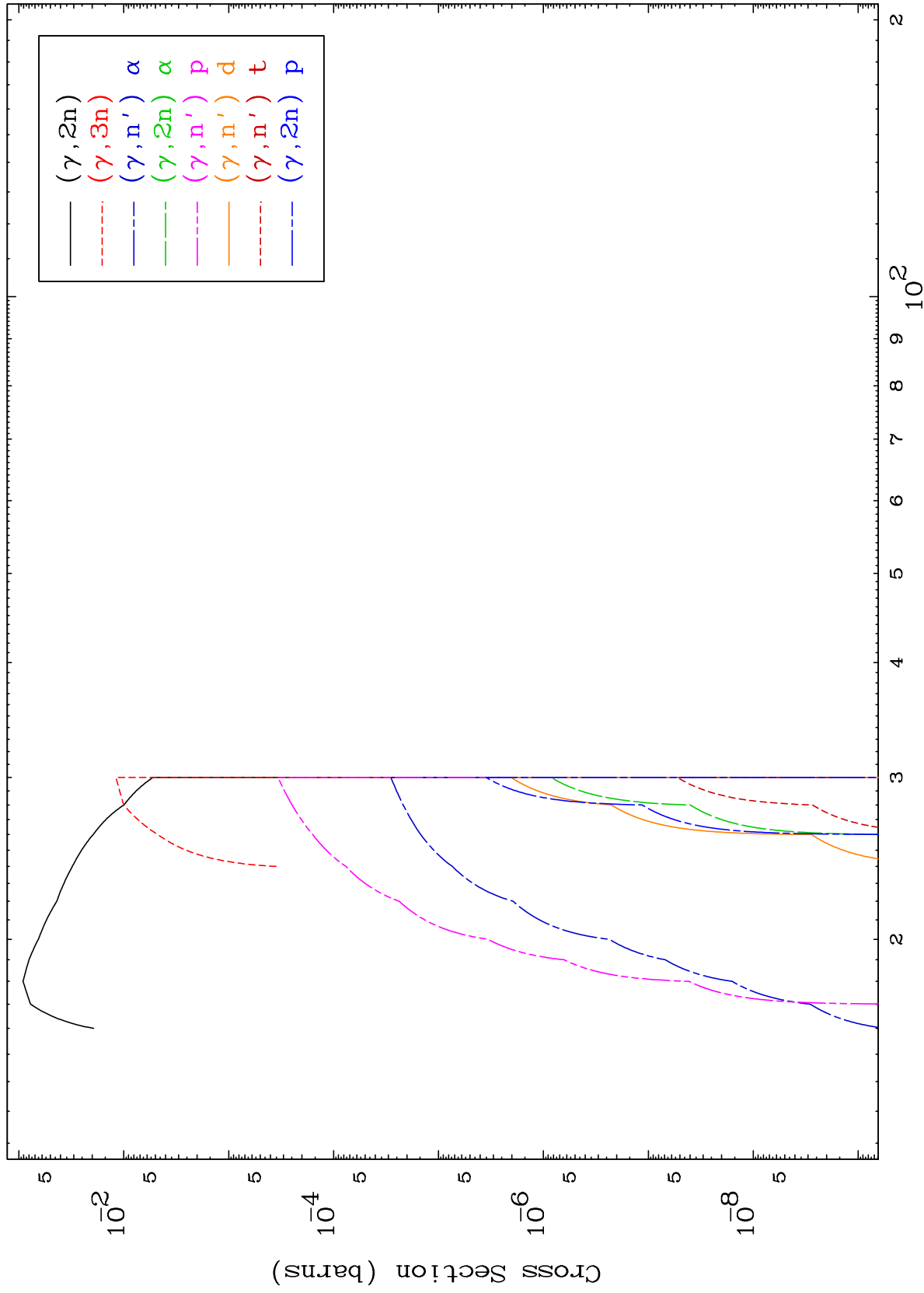
Press Mouse Button to Start

MAT 5647

Photon Major  
0 Kelvin Cross Sections

56-Ba-137

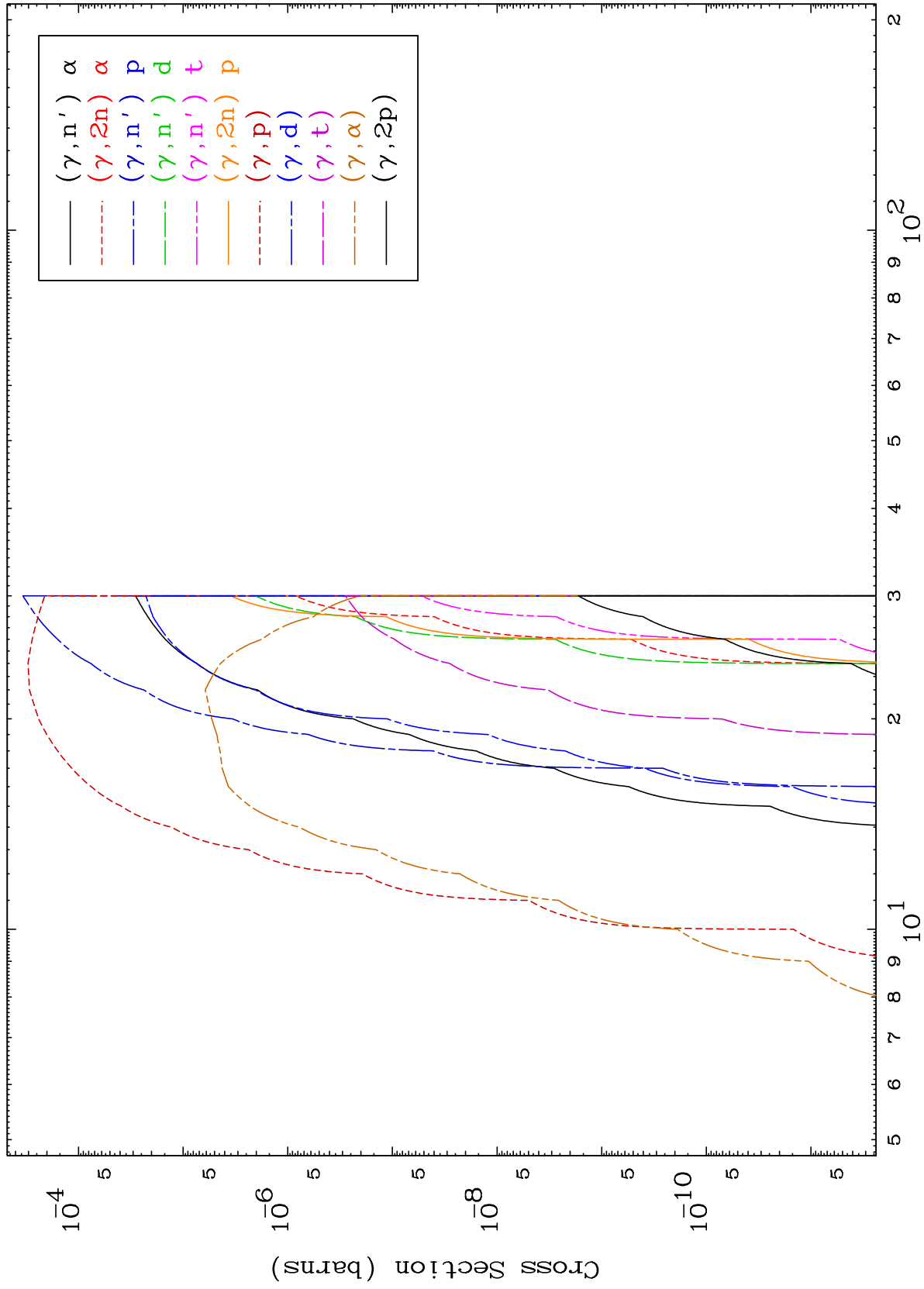




MAT 5647

Photon Charged Particle  
0 Kelvin Cross Sections

56-Ba-137



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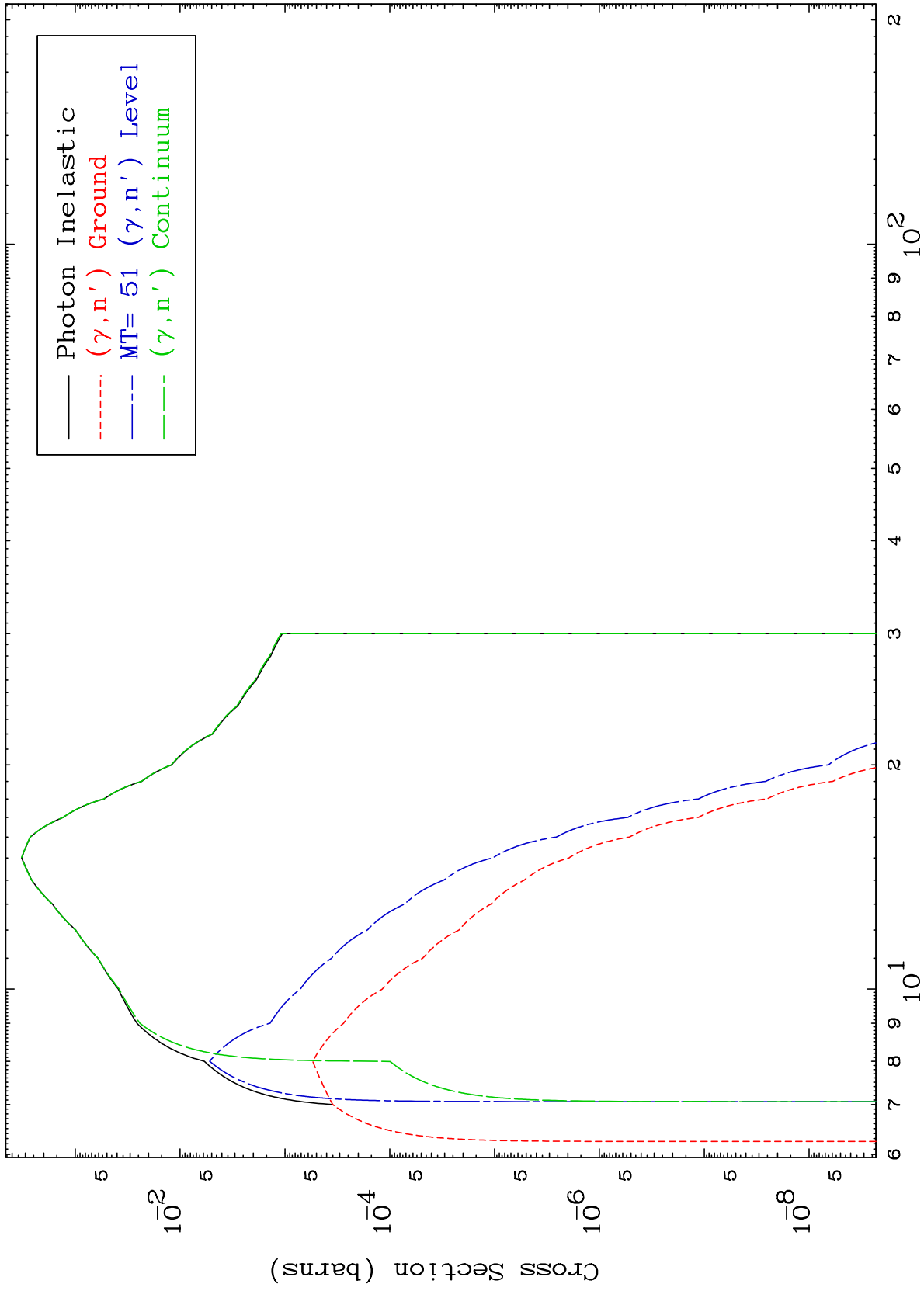
Incident Energy (MeV)

56-Ba-137

MAT 5647

$(\gamma, n')$  Level  
0 Kelvin Cross Sections

56-Ba-137



4

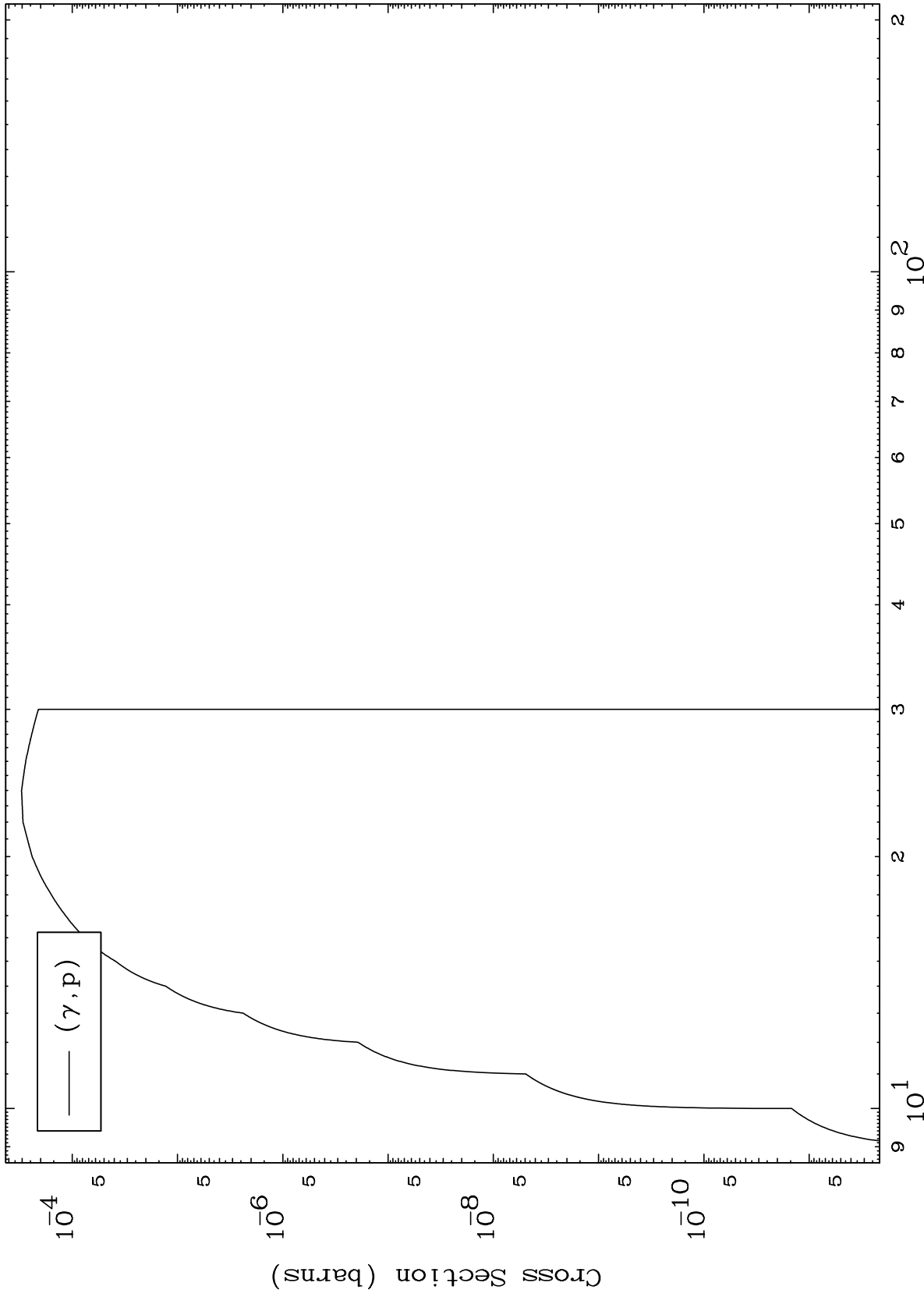
Incident Energy (MeV)

56-Ba-137

MAT 5647

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

56-Ba-137



5

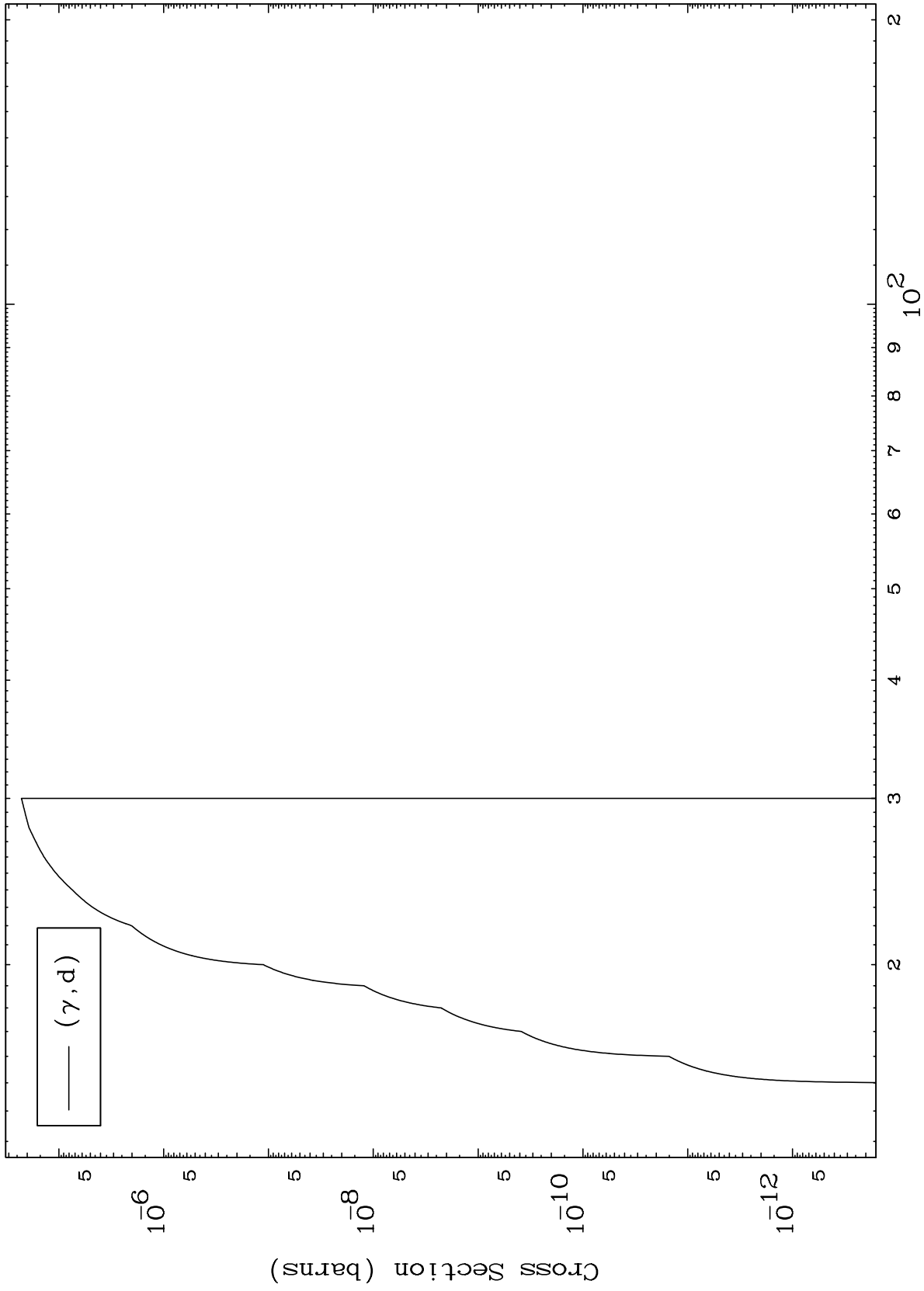
Incident Energy (MeV)

56-Ba-137

MAT 5647

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

56-Ba-137



6

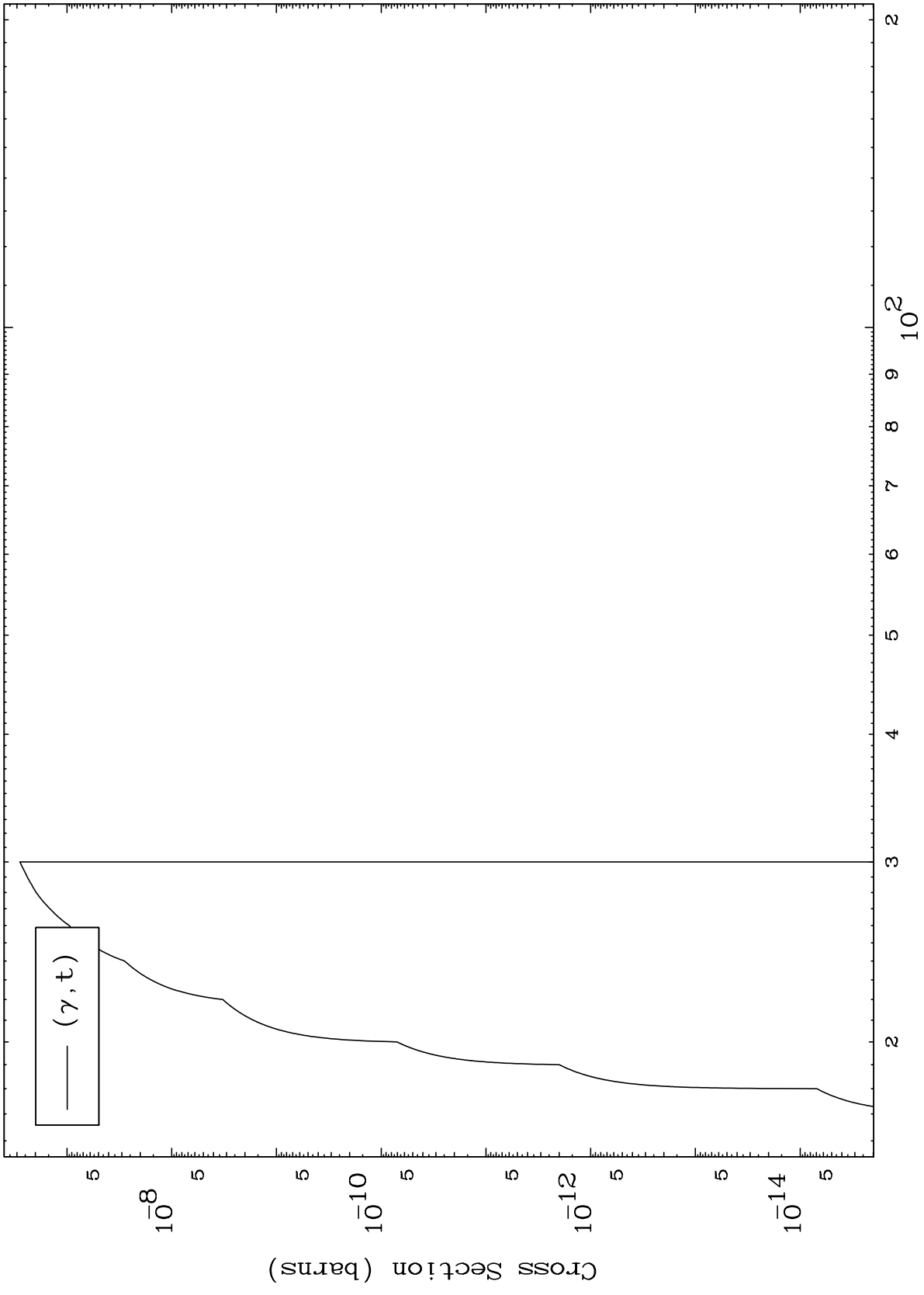
Incident Energy (MeV)

56-Ba-137

MAT 5647

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

56-Ba-137



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Incident Energy (MeV)

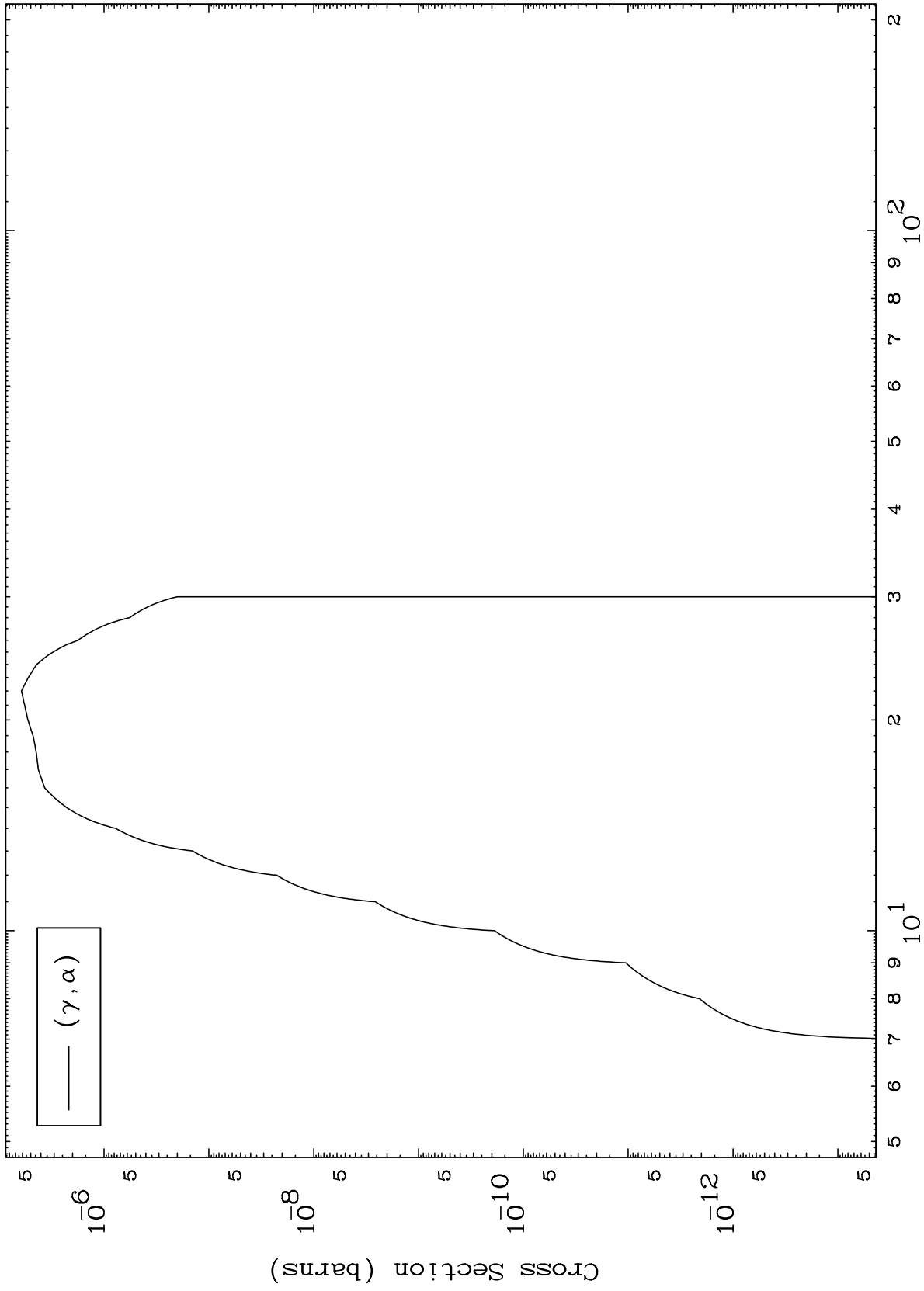
56-Ba-137



MAT 5647

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

56-Ba-137



8

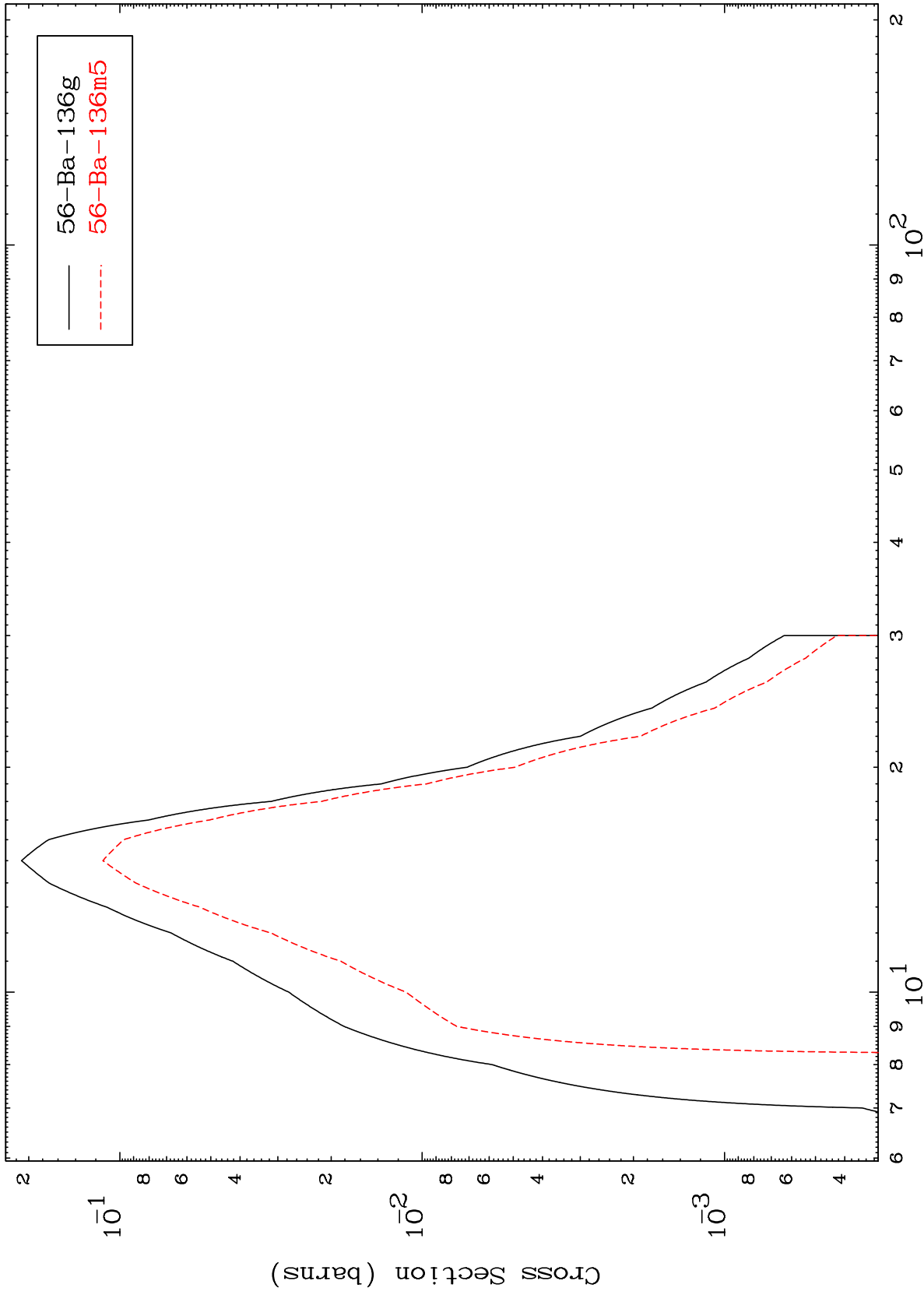
Incident Energy (MeV)

56-Ba-137

MAT 5647

Photon Inelastic  
Radionuclide Production Cross Section

56-Ba-137



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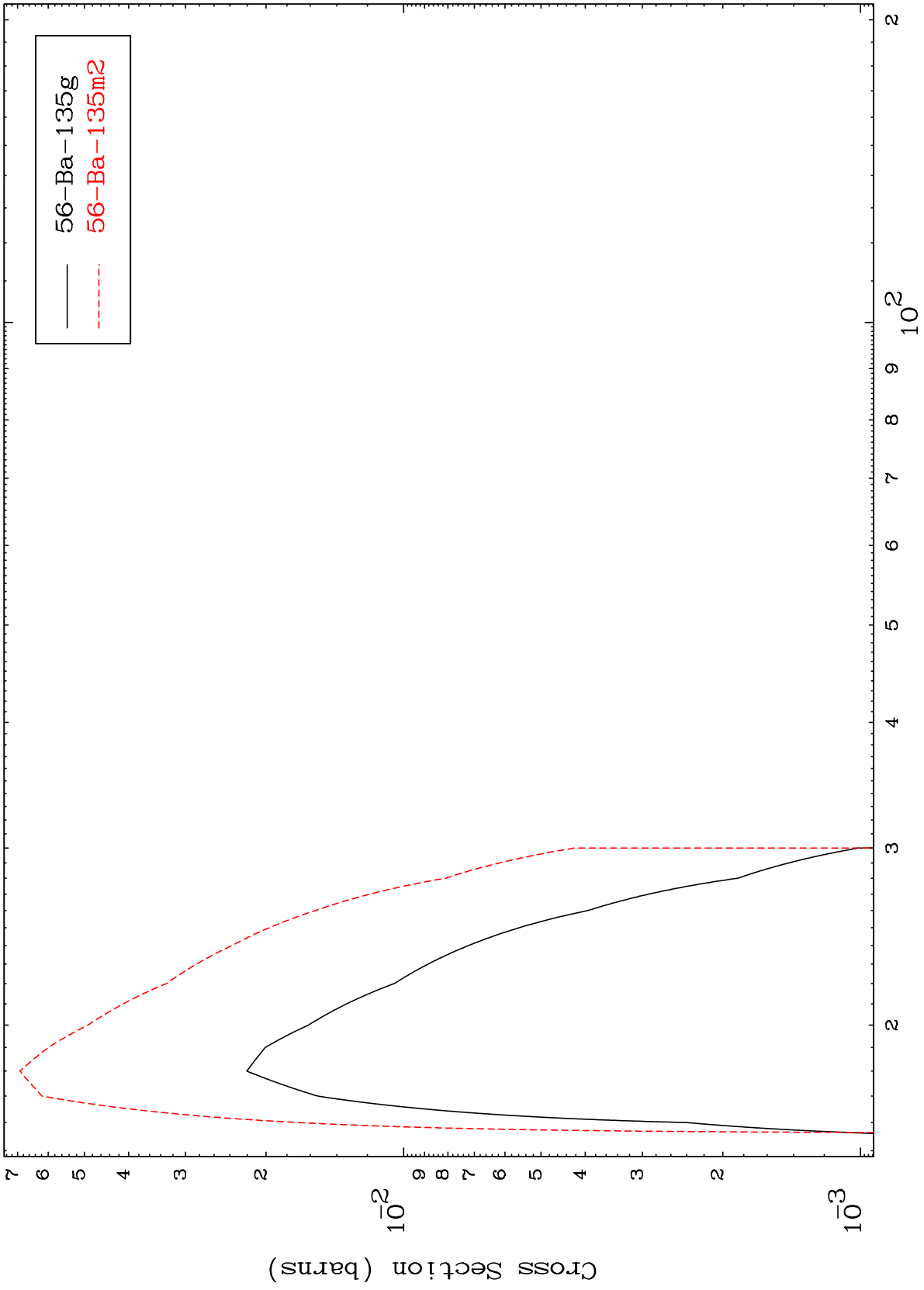
Incident Energy (MeV)

56-Ba-137

MAT 5647

56-Ba-137

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



10

Incident Energy (MeV)

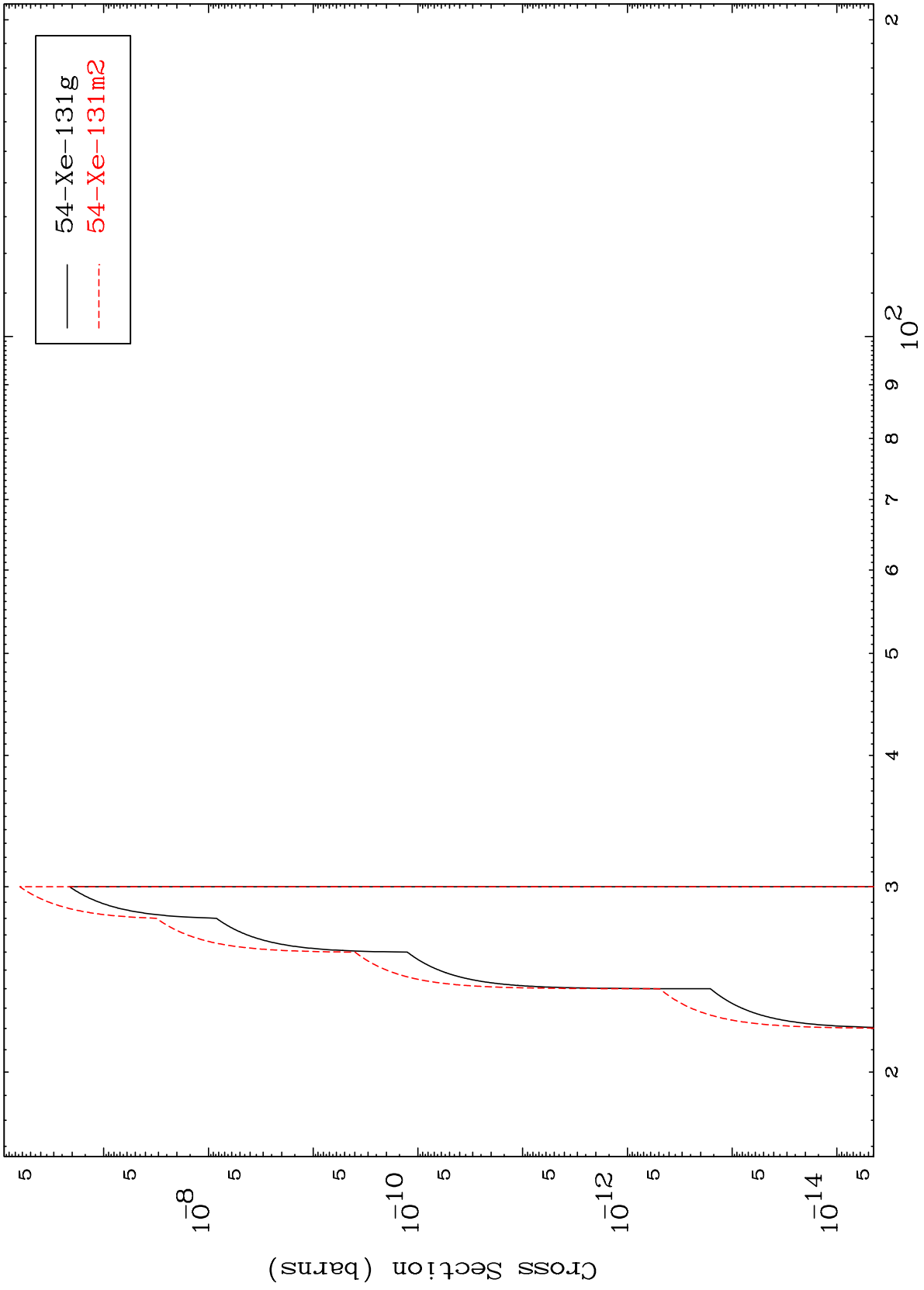
56-Ba-137

MAT 5647

$(\gamma, 2n) \alpha$

56-Ba-137

Radionuclide Production Cross Section



11

Incident Energy (MeV)

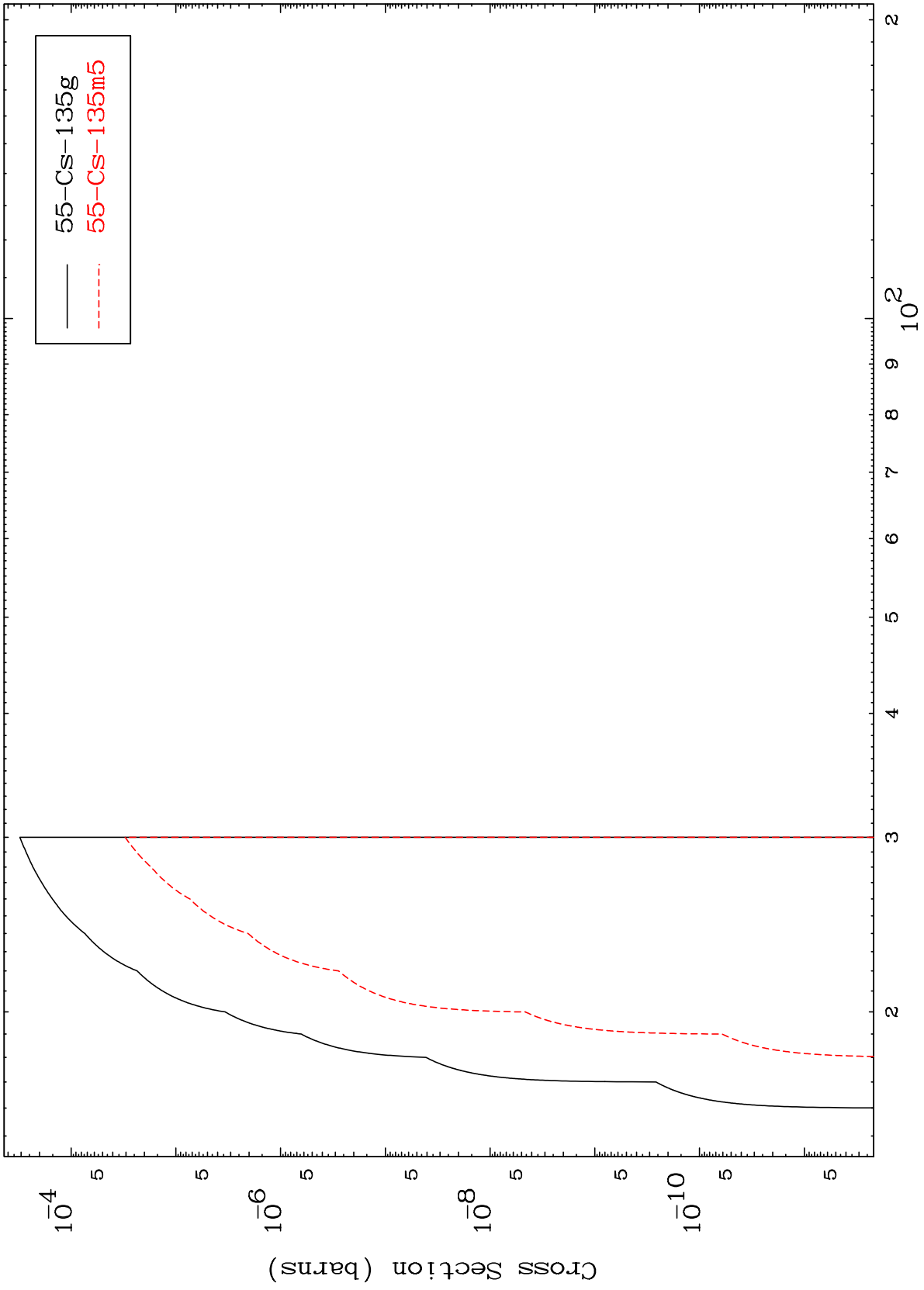
56-Ba-137

MAT 5647

( $\gamma, n'$ ) p

56-Ba-137

Radionuclide Production Cross Section



12

Incident Energy (MeV)

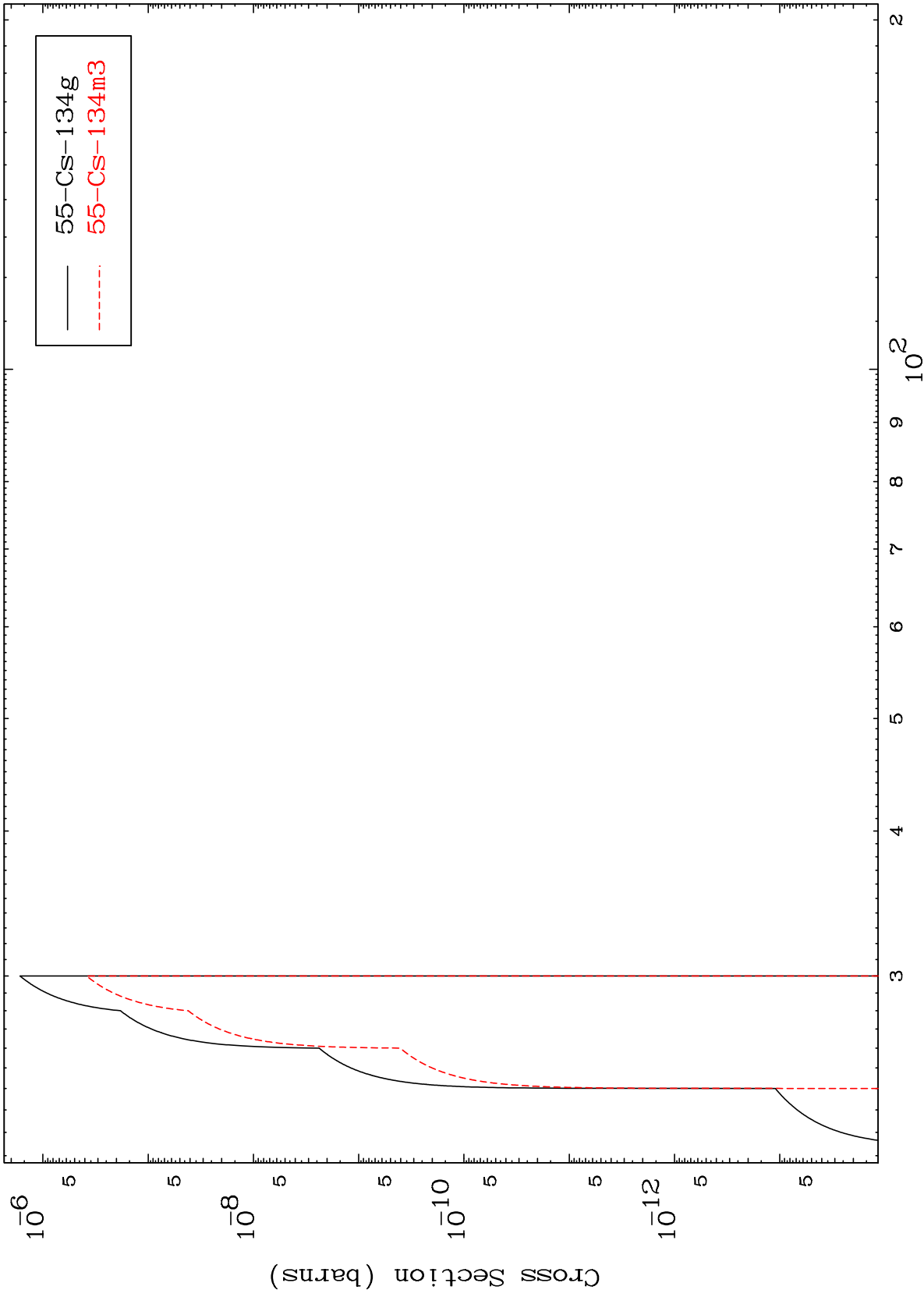
56-Ba-137

MAT 5647

( $\gamma, n'$ ) d

56-Ba-137

Radionuclide Production Cross Section



13

Incident Energy (MeV)

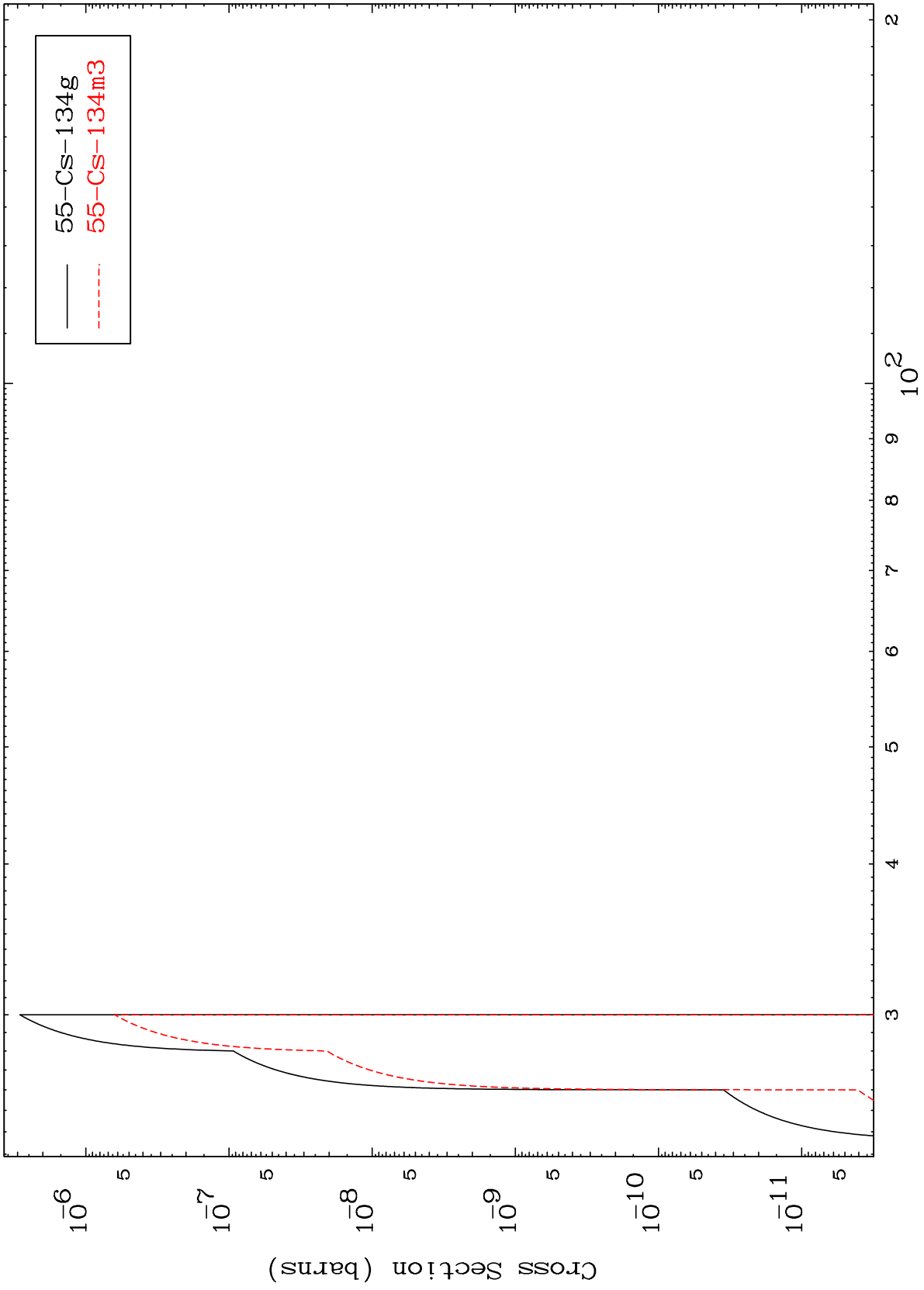
56-Ba-137

MAT 5647

( $\gamma, 2n$ ) p

56-Ba-137

Radionuclide Production Cross Section



14

Incident Energy (MeV)

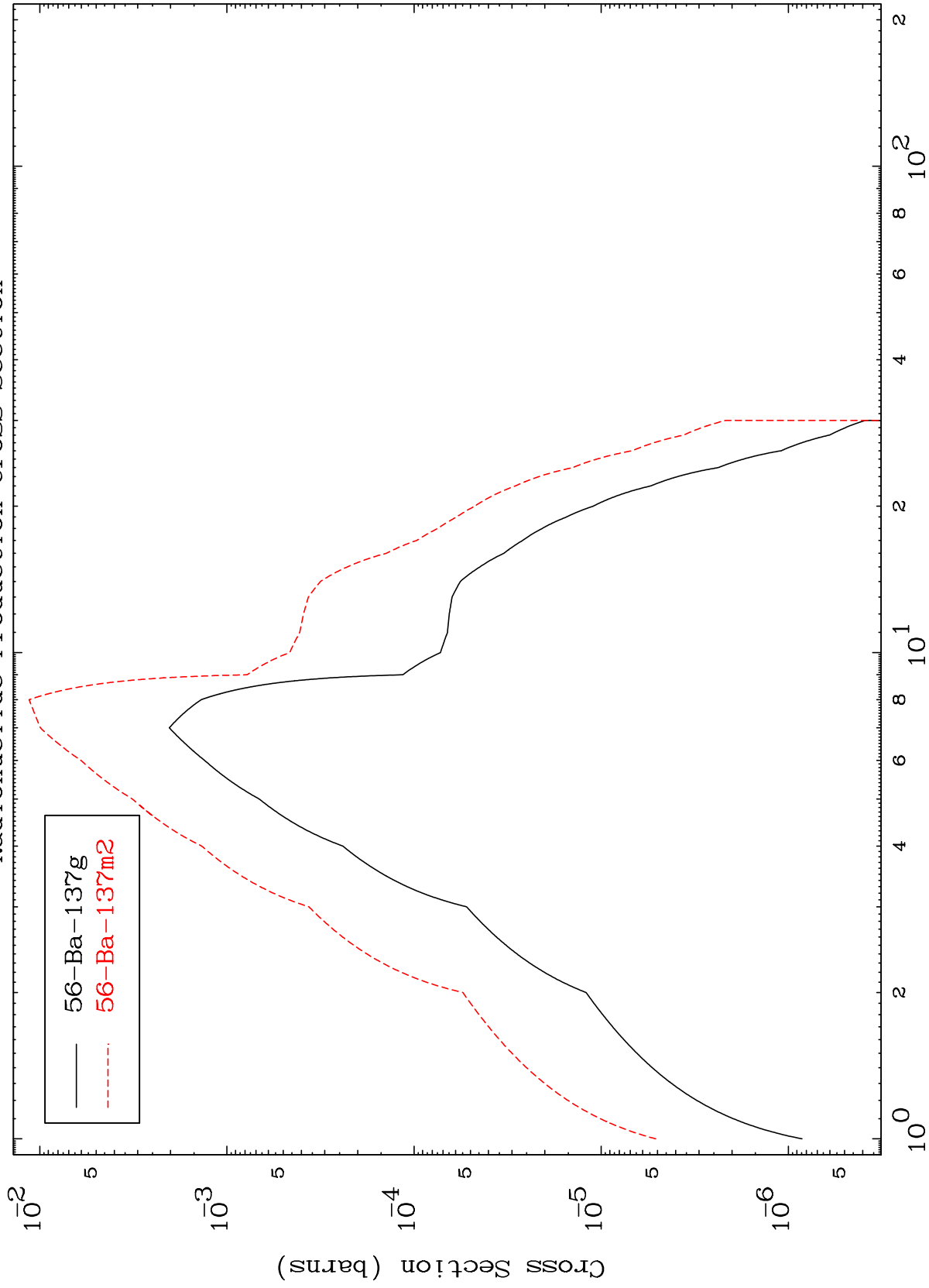
56-Ba-137

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56-Ba-137

Radionuclide Production Cross Section

( $\gamma, \gamma$ )



Incident Energy (MeV)

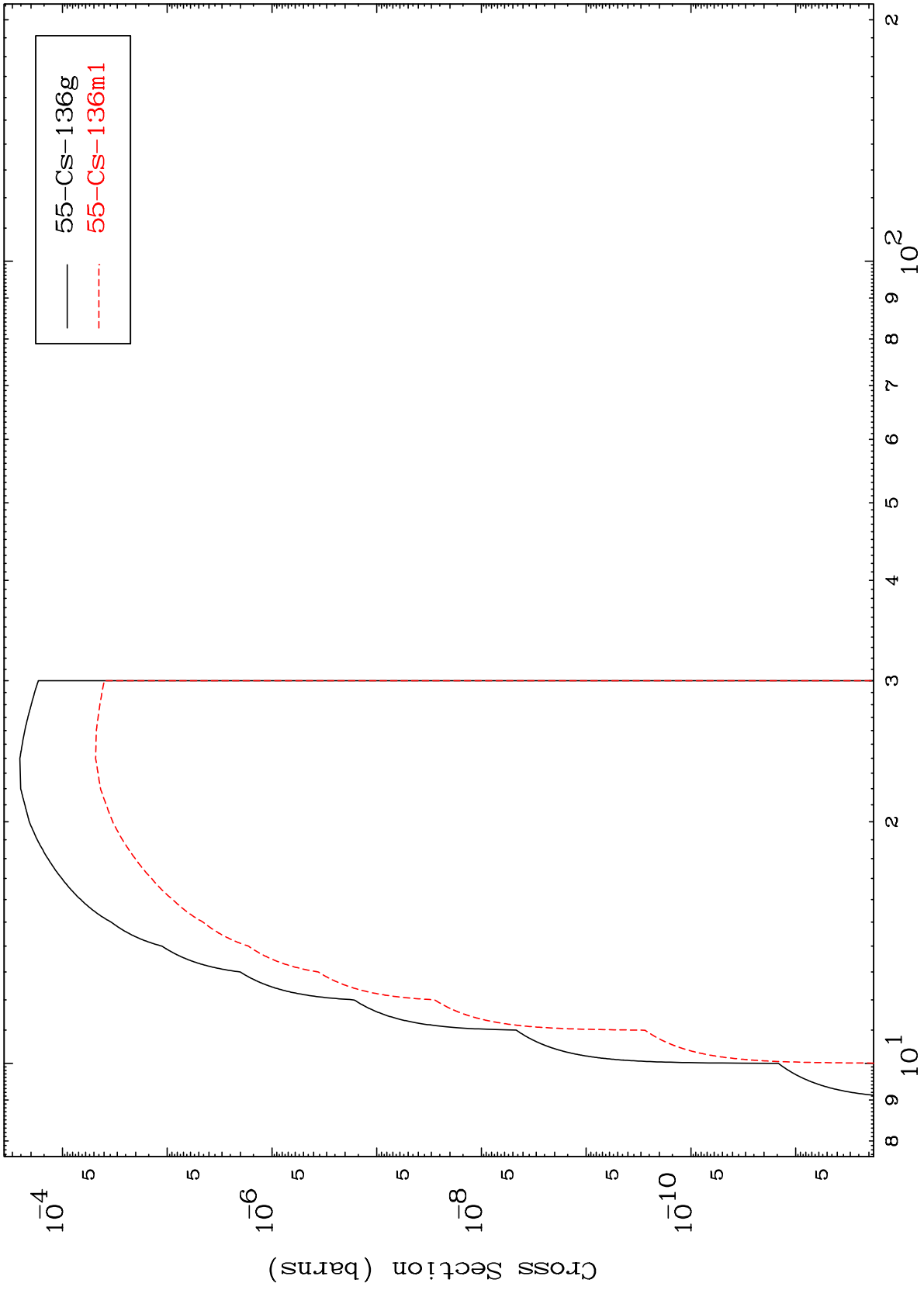
56-Ba-137



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56-Ba-137

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



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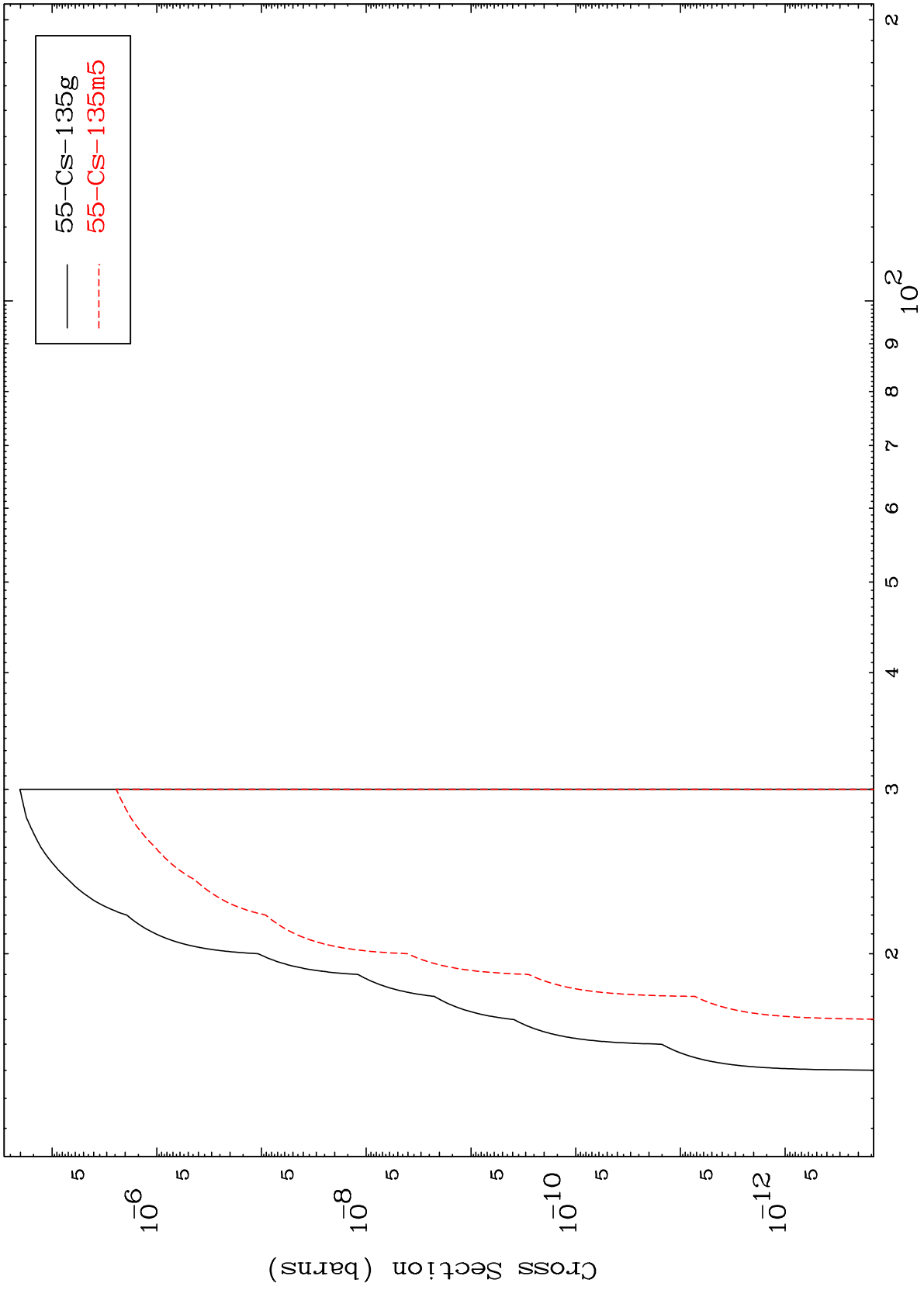
Incident Energy (MeV)

56-Ba-137

MAT 5647

56-Ba-137

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



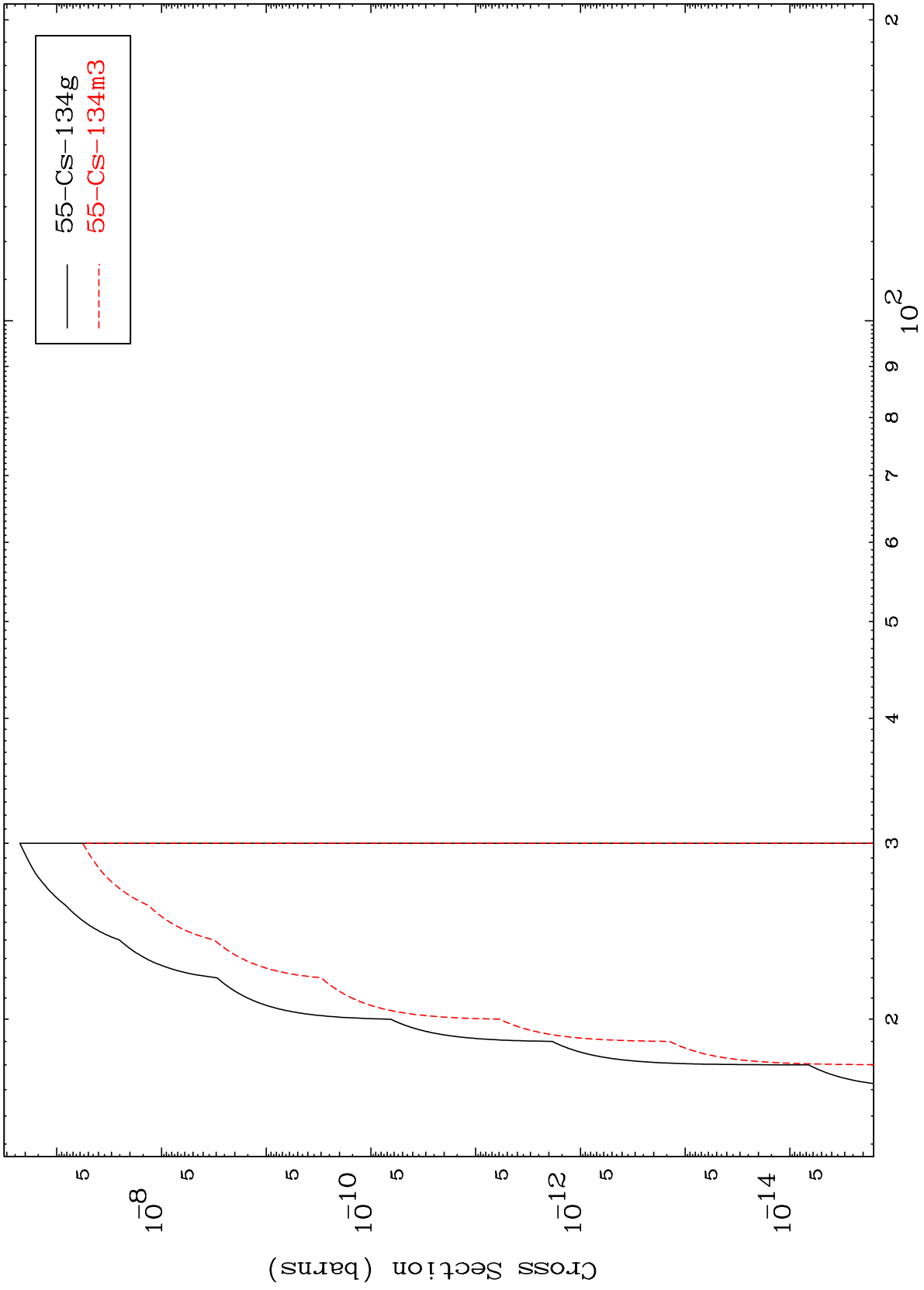
17

56-Ba-137

MAT 5647

56-Ba-137

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



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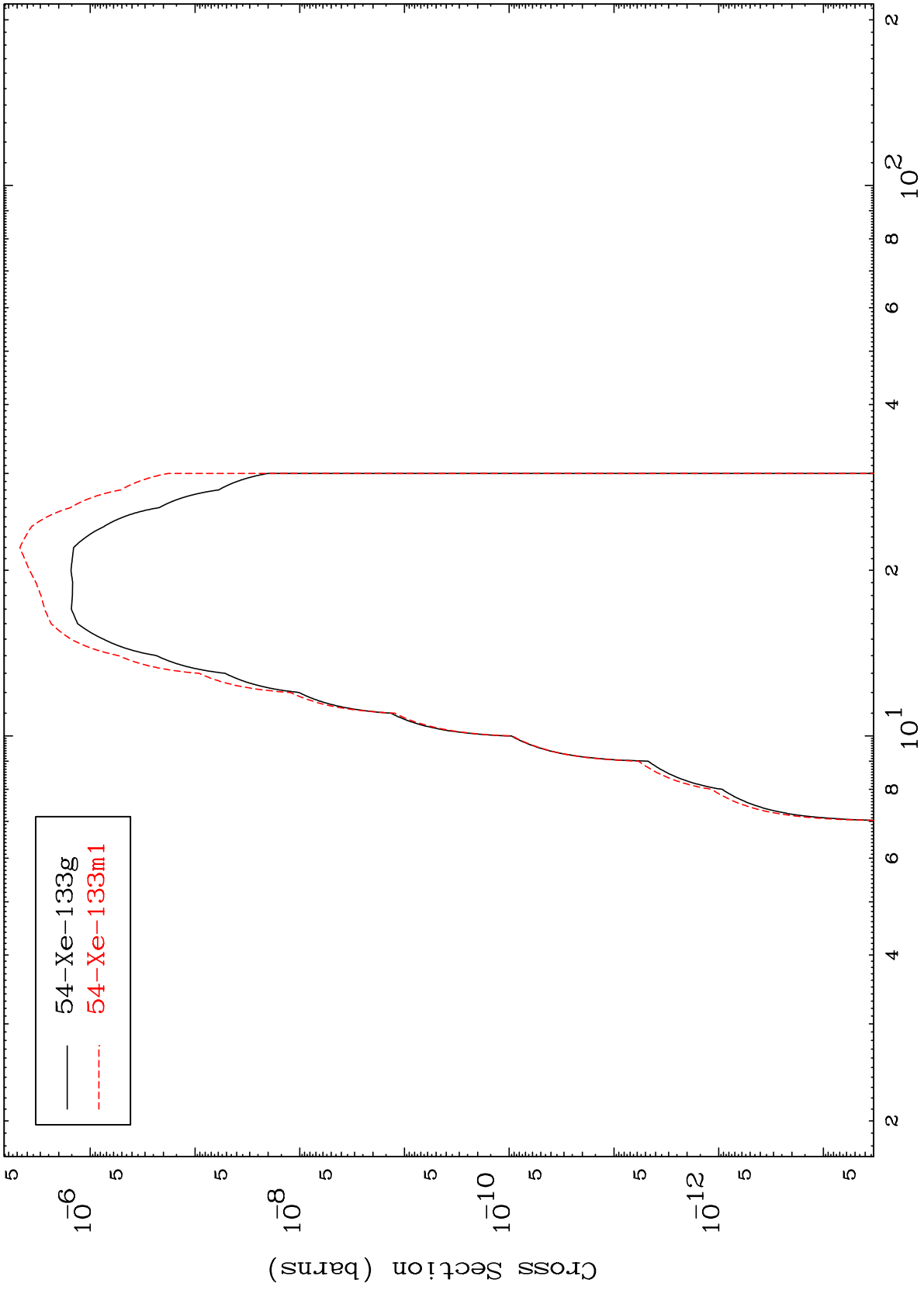
Incident Energy (MeV)

56-Ba-137

MAT 5647

56-Ba-137

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



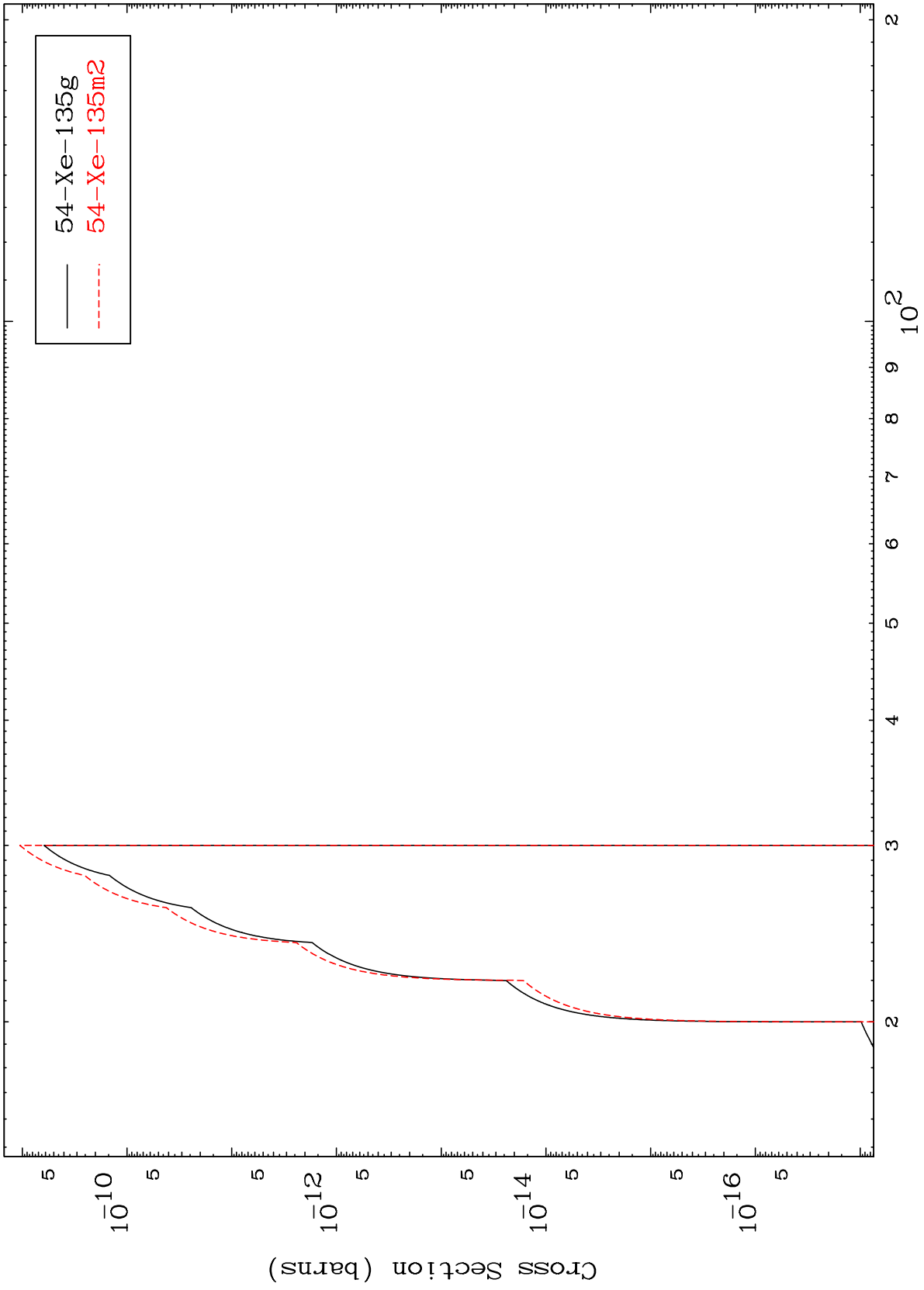
19

56-Ba-137

MAT 5647

56-Ba-137

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



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Incident Energy (MeV)

56-Ba-137