

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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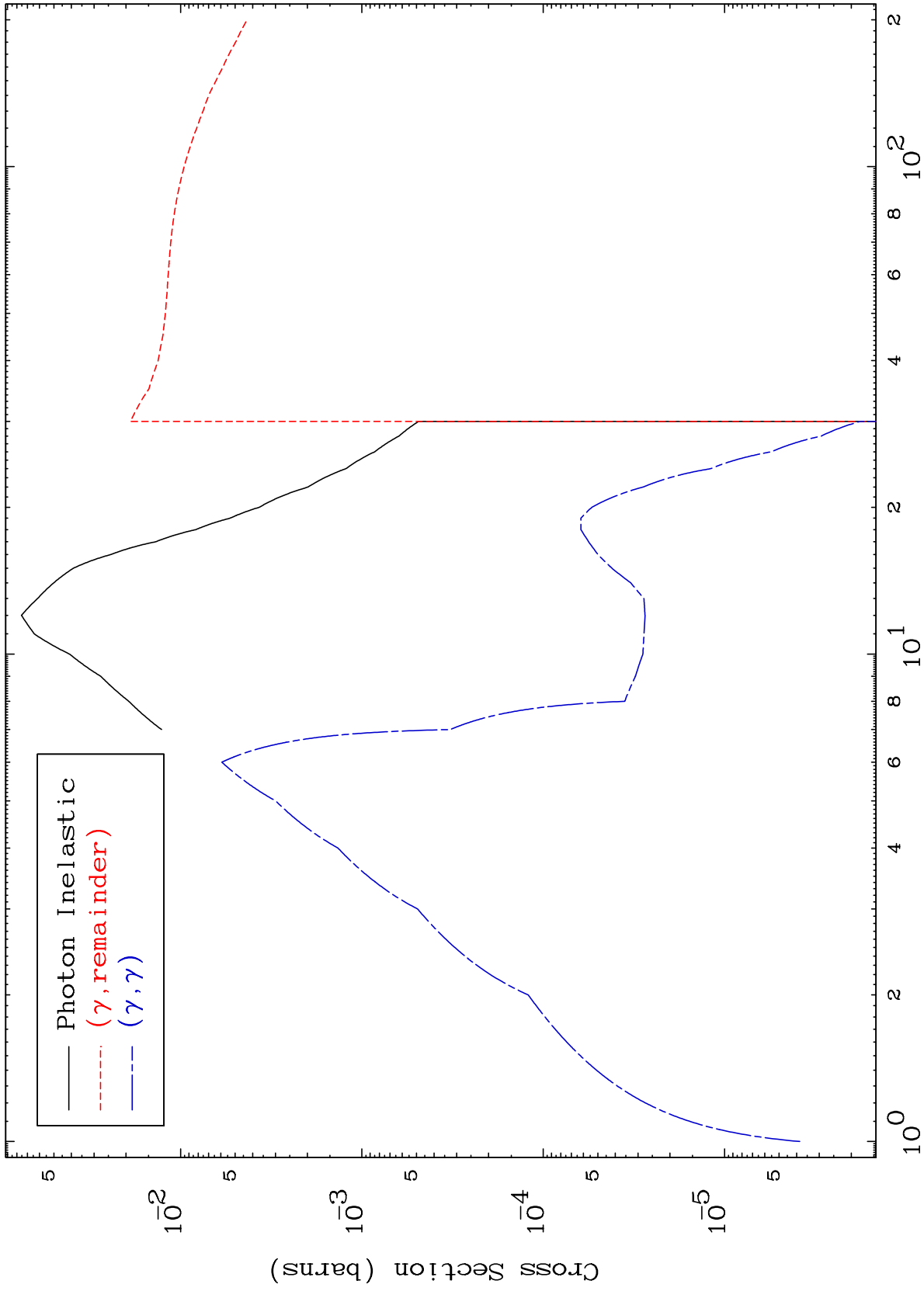
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5655

Photon Major  
0 Kelvin Cross Sections

56-Ba-140



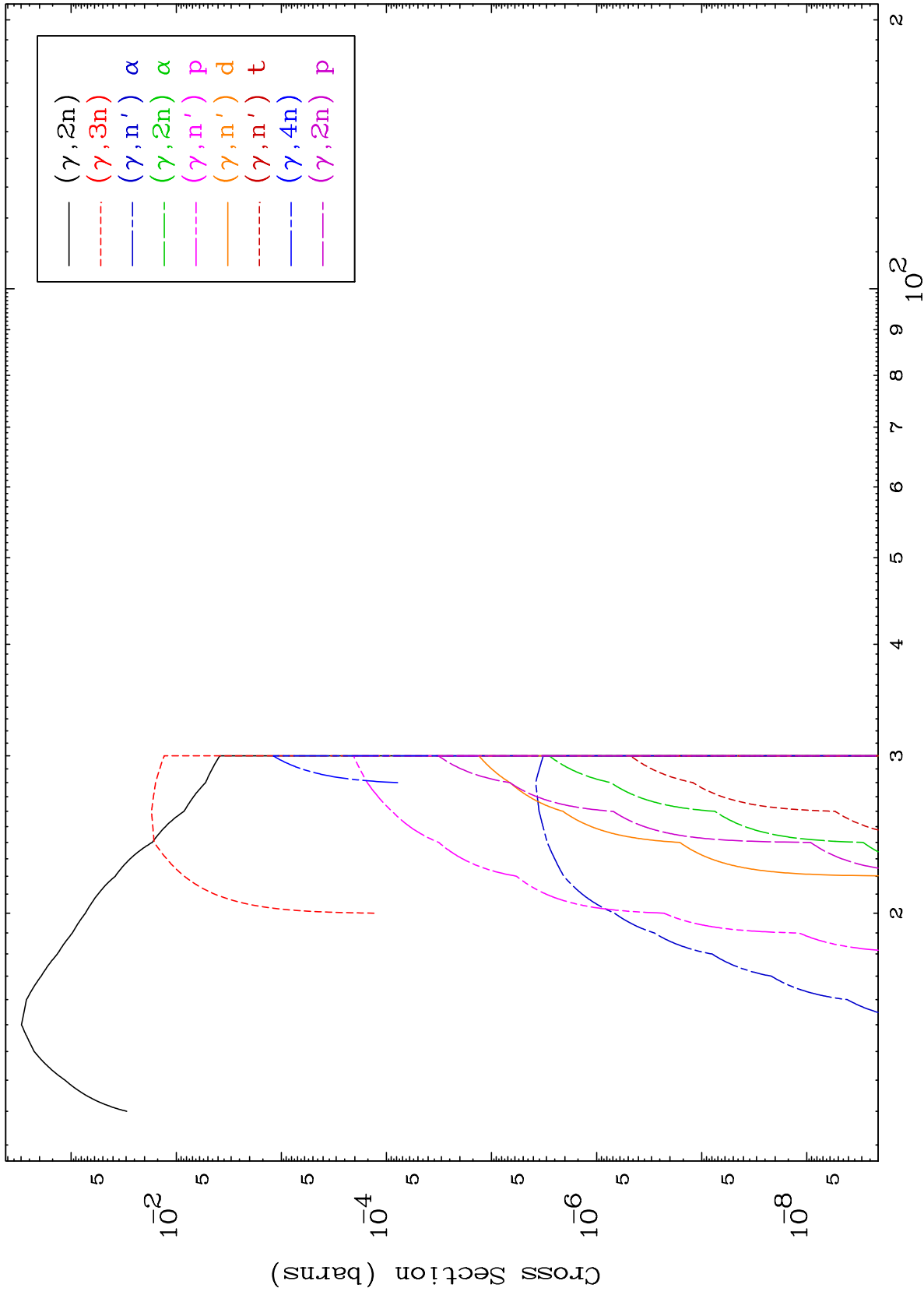
56-Ba-140

Incident Energy (MeV)

MAT 5655

Photon Neutron Production  
0 Kelvin Cross Sections

56-Ba-140



2

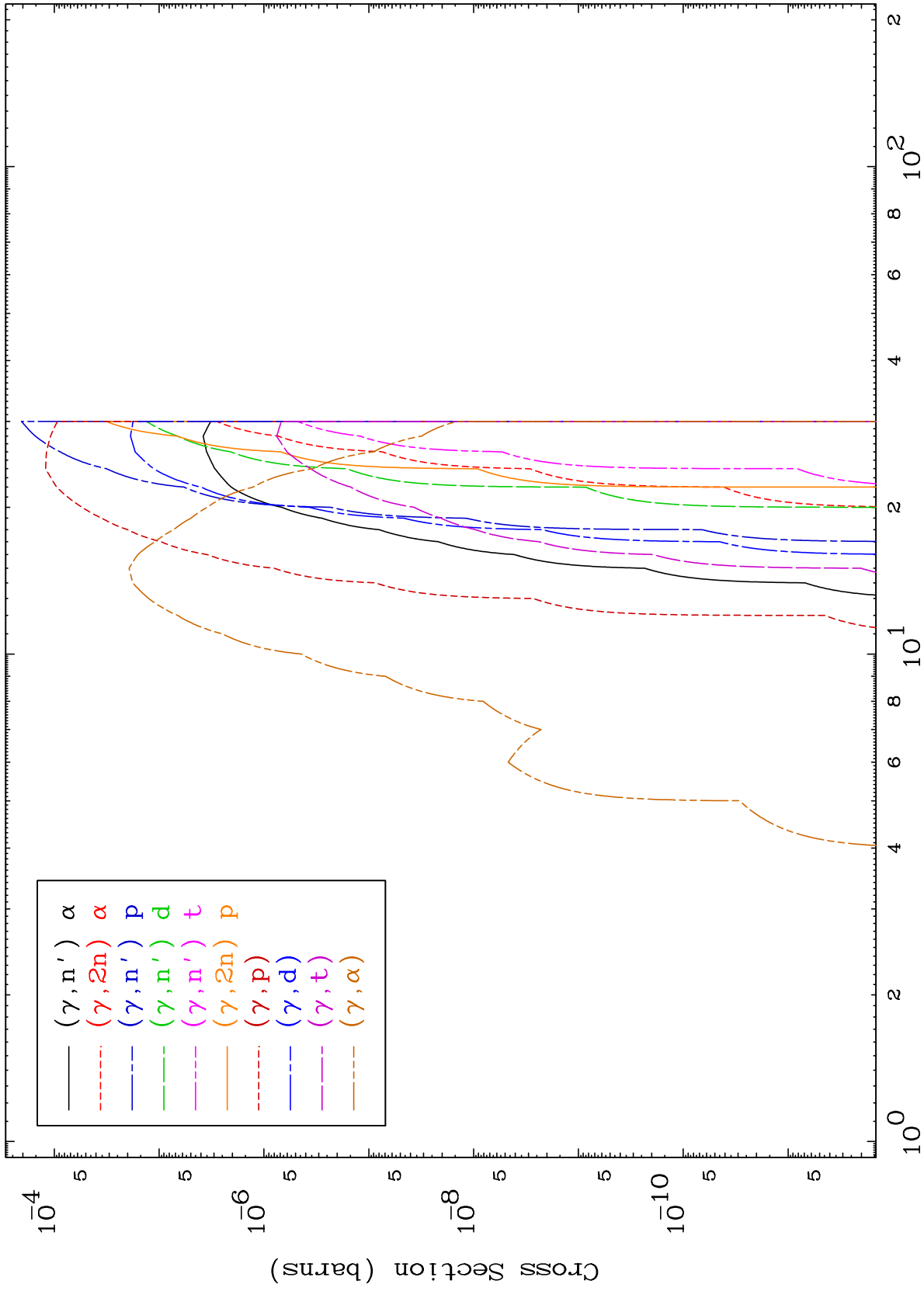
Incident Energy (MeV)

56-Ba-140

MAT 5655

Photon Charged Particle  
0 Kelvin Cross Sections

56-Ba-140



Incident Energy (MeV)

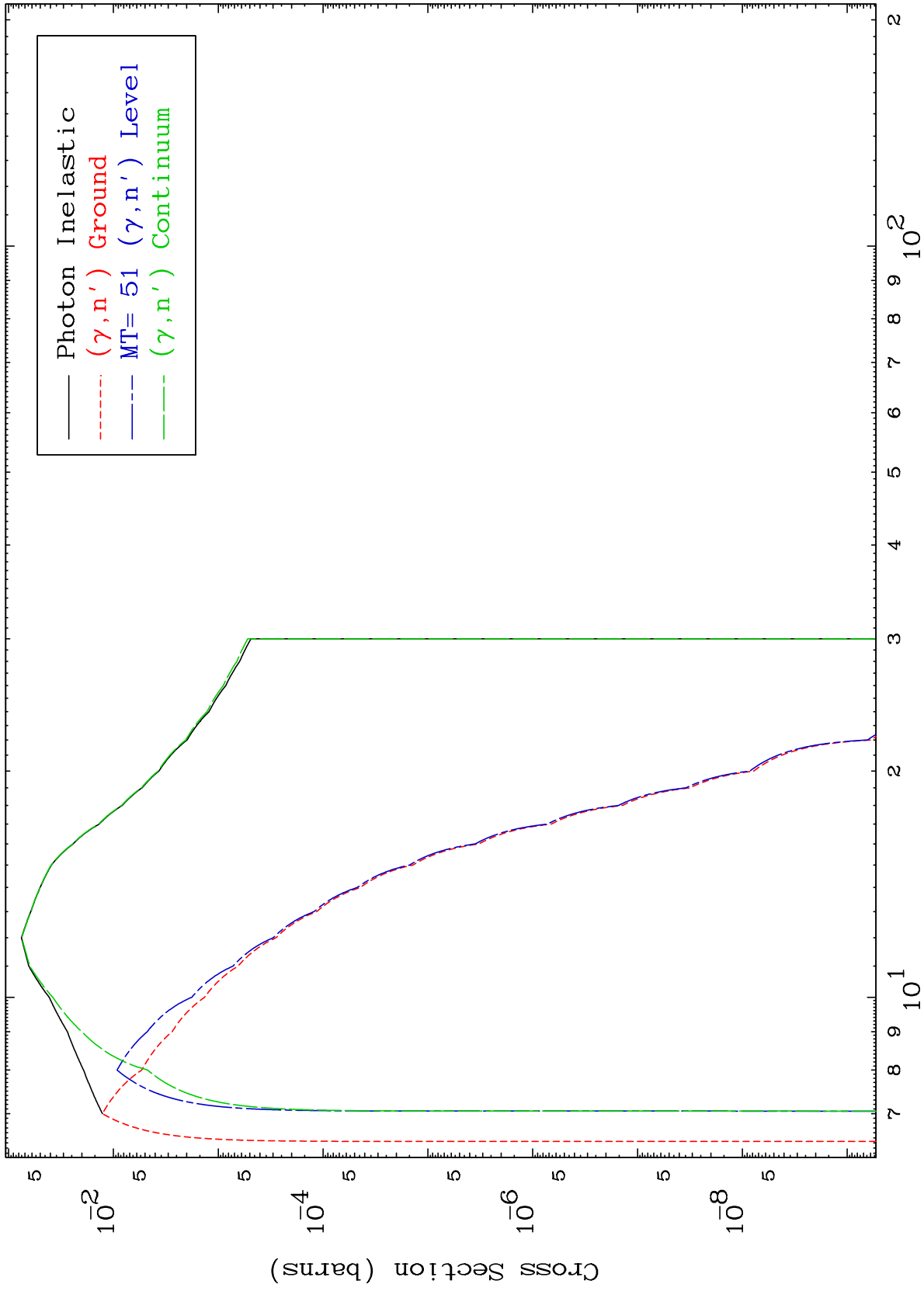
56-Ba-140

MAT 5655

$(\gamma, n')$  Level

56-Ba-140

0 Kelvin Cross Sections



4

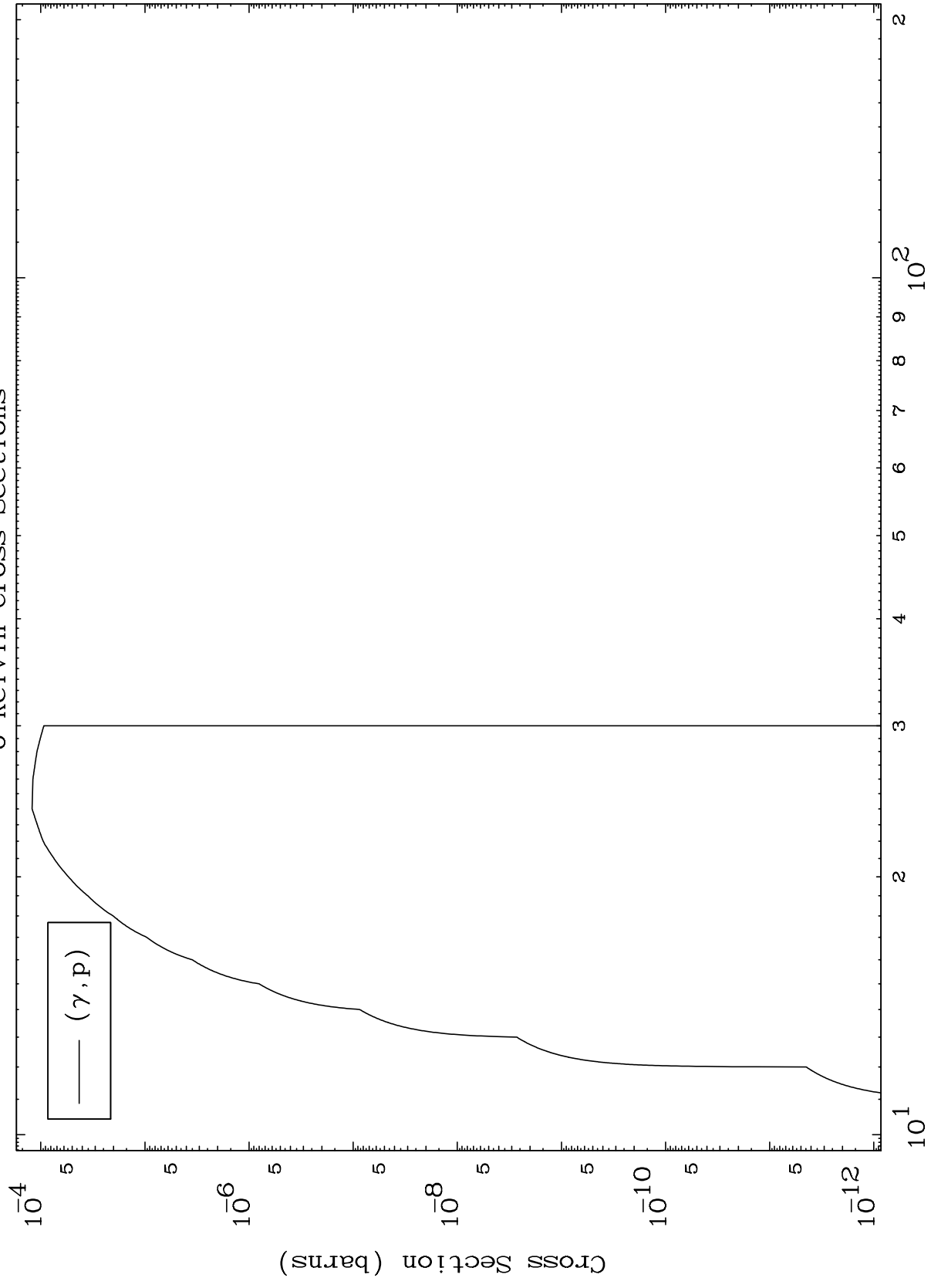
Incident Energy (MeV)

56-Ba-140

MAT 5655

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

56-Ba-140



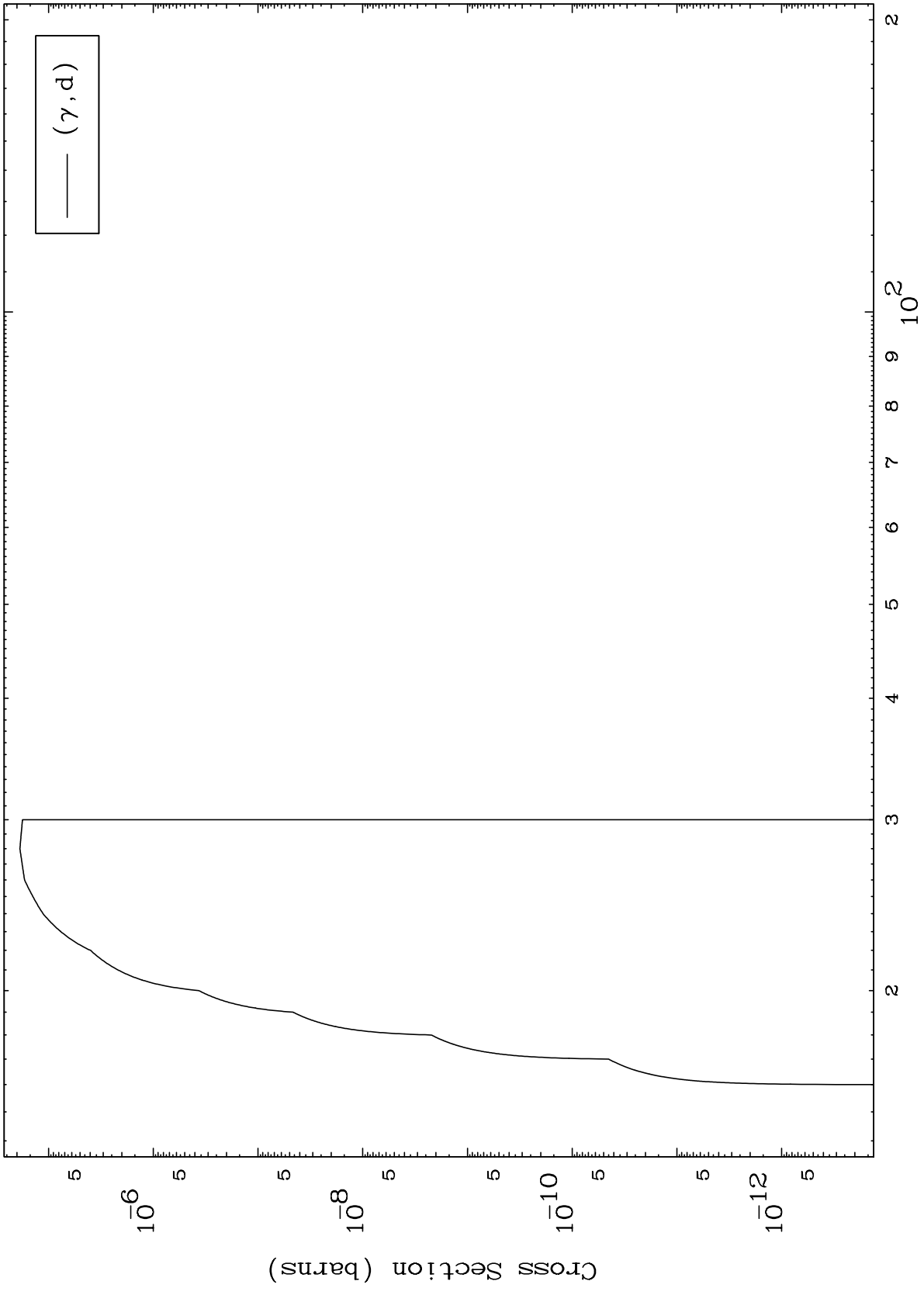
Incident Energy (MeV)

56-Ba-140

MAT 5655

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

56-Ba-140



6

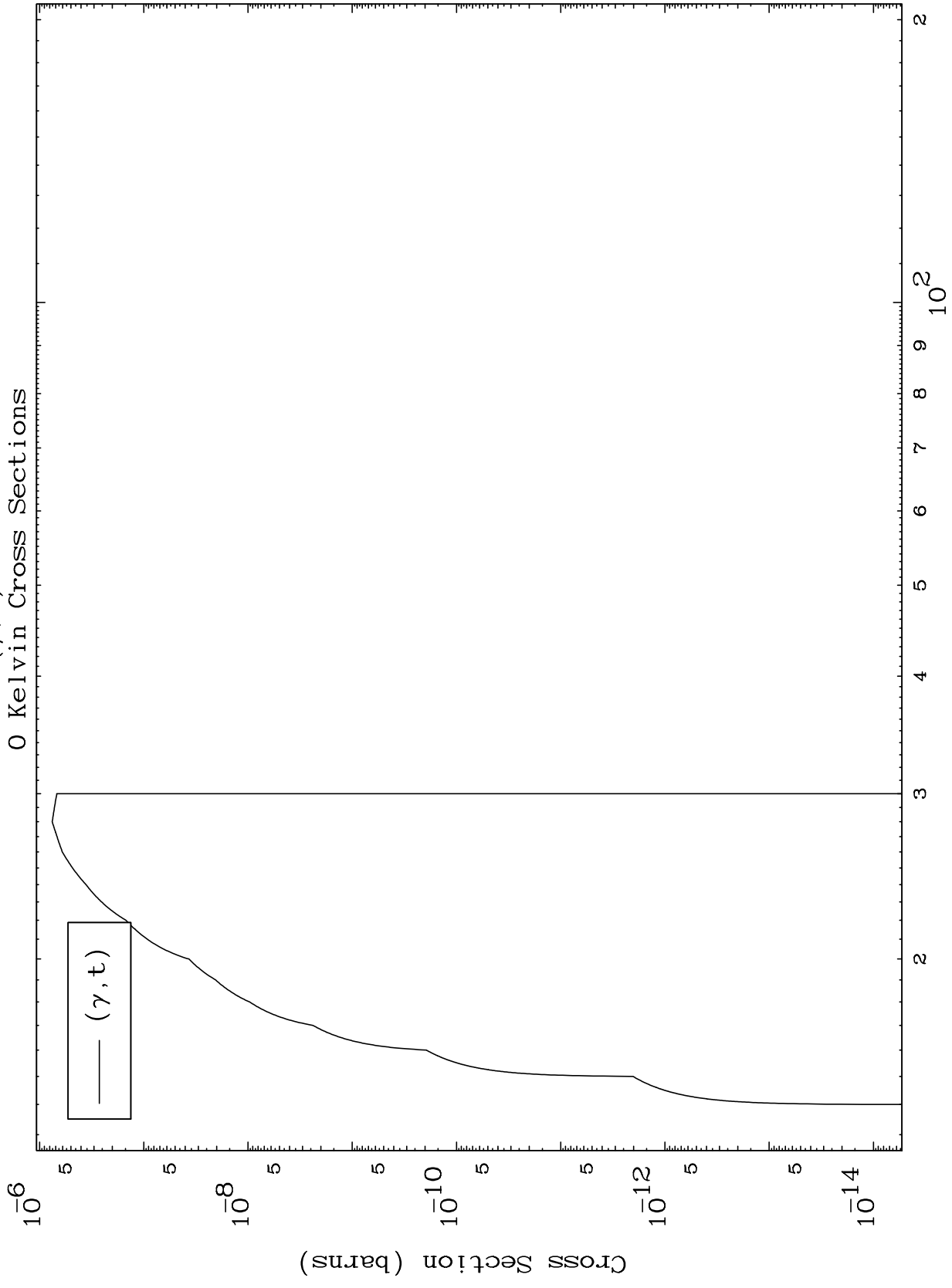
Incident Energy (MeV)

56-Ba-140

MAT 5655

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

56-Ba-140



7

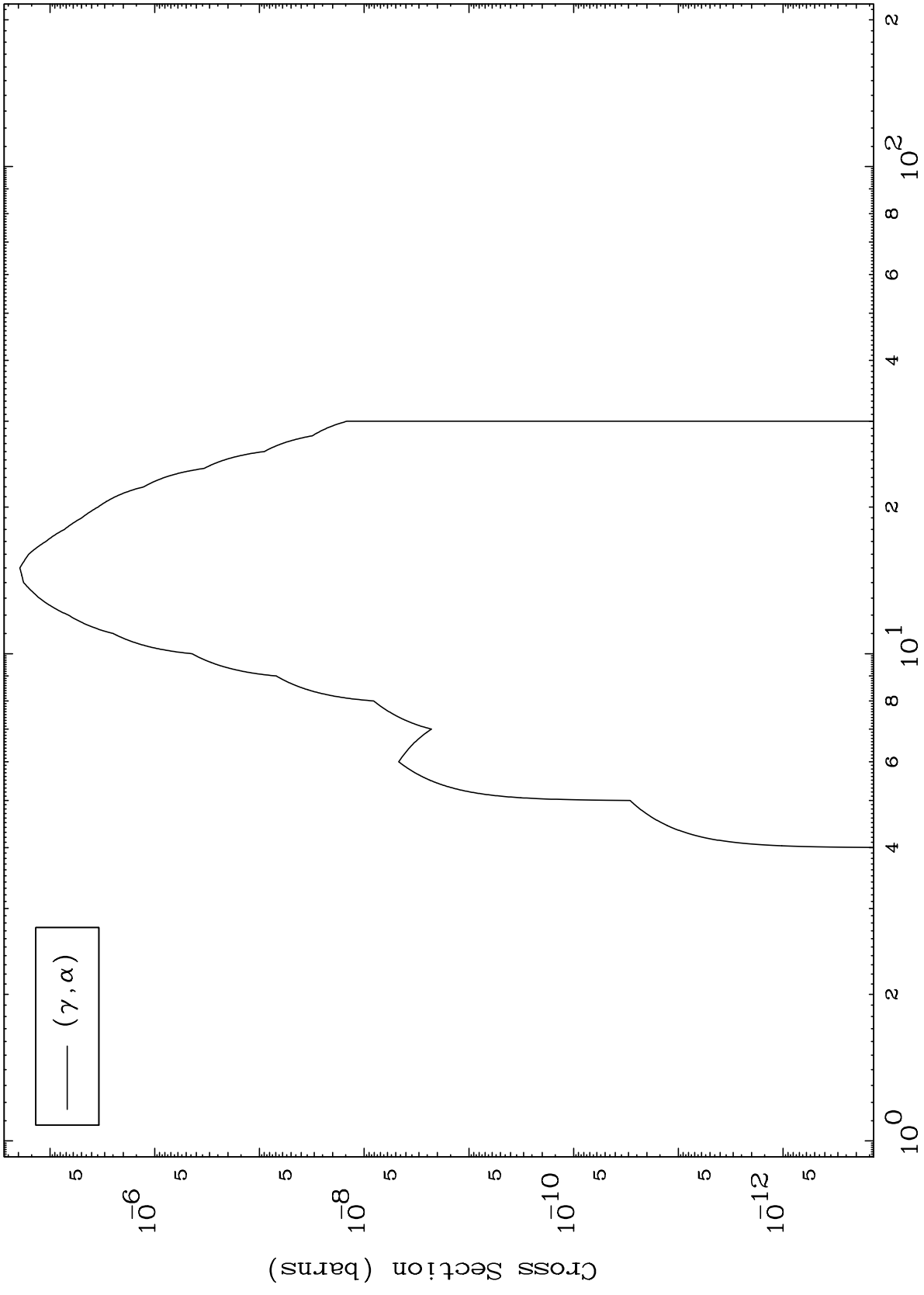
56-Ba-140



MAT 5655

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

56-Ba-140



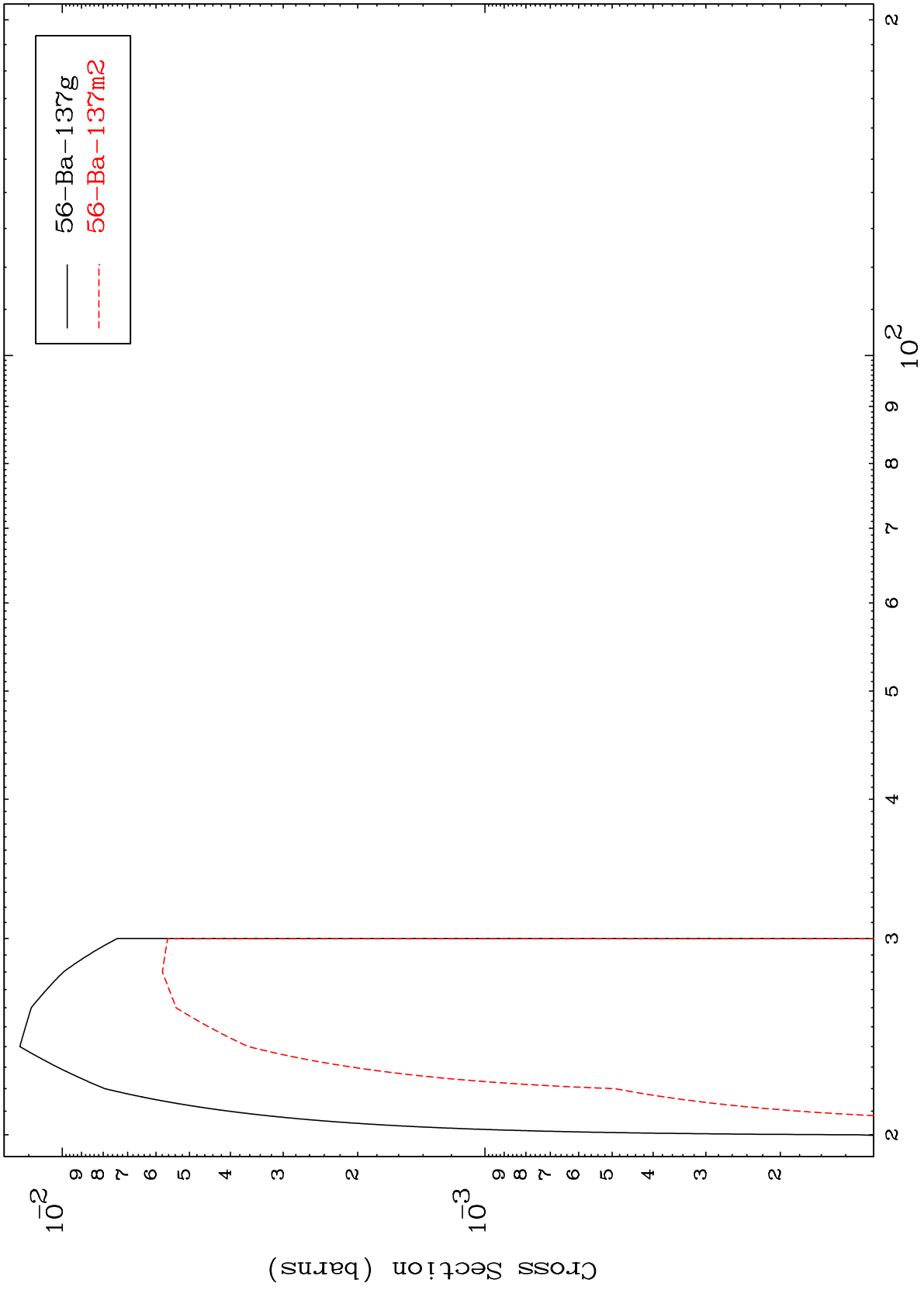
Incident Energy (MeV)

56-Ba-140

MAT 5655

56-Ba-140

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



9

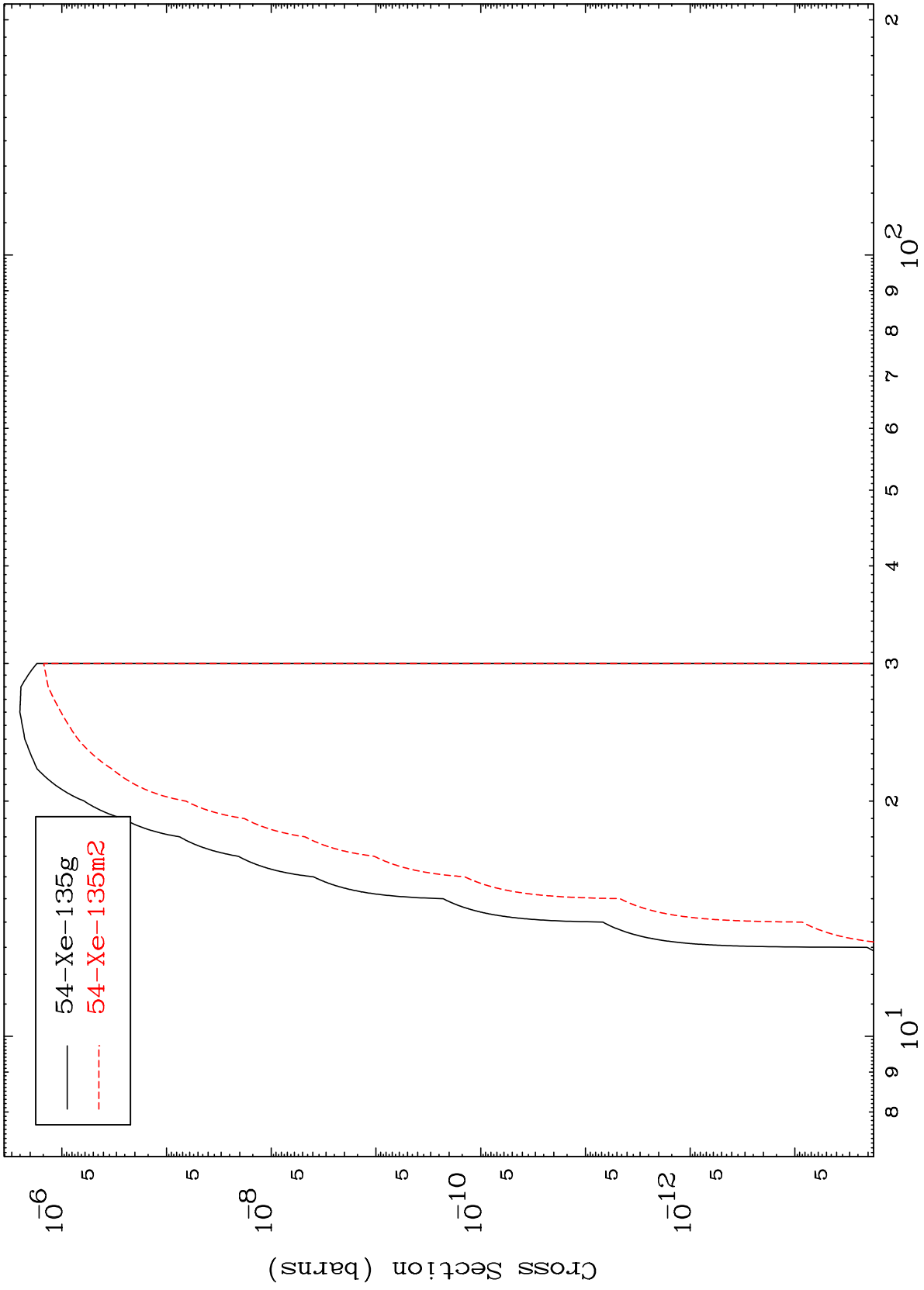
Incident Energy (MeV)

56-Ba-140

MAT 5655

56-Ba-140

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



10

Incident Energy (MeV)

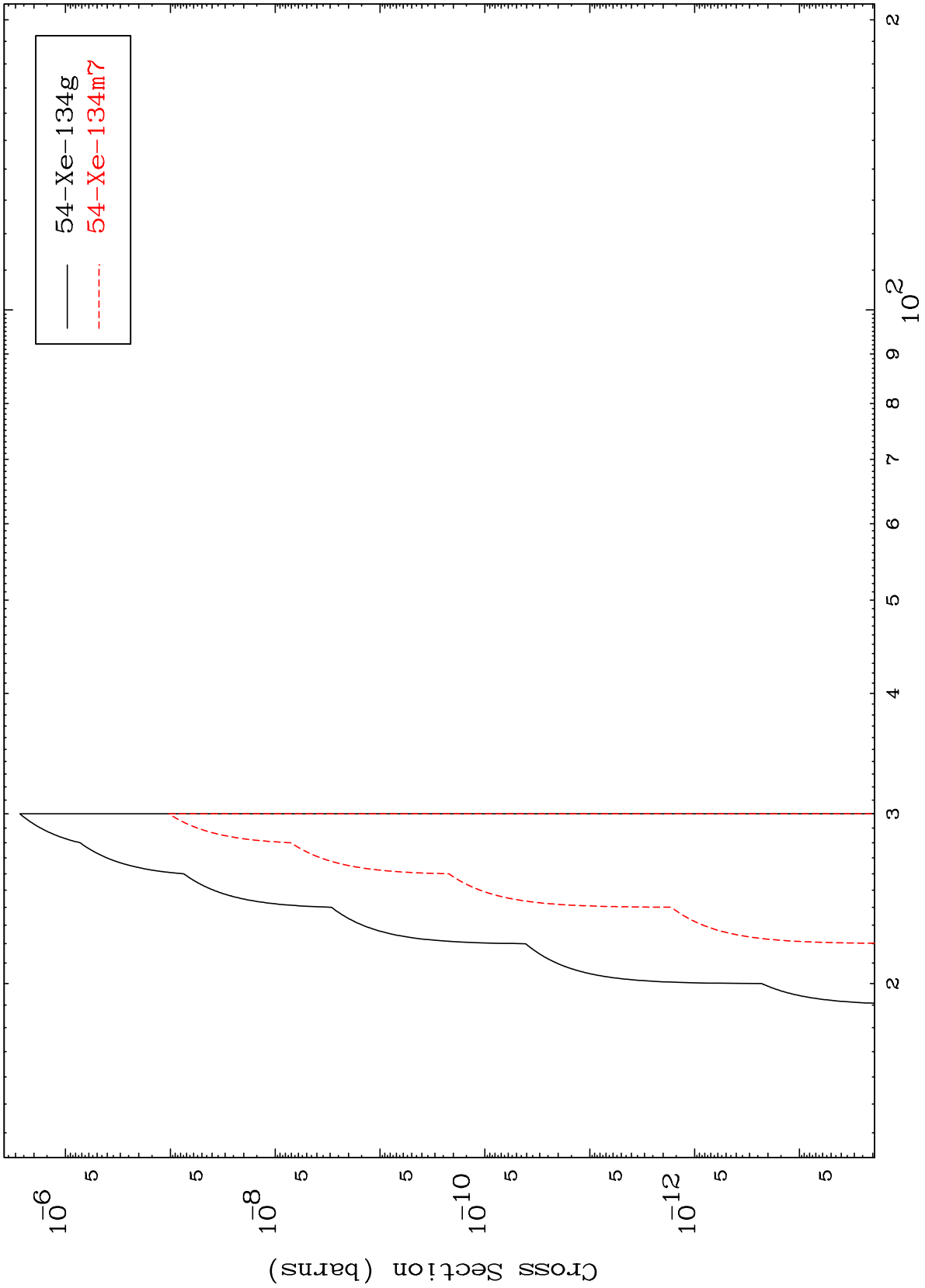
56-Ba-140

MAT 5655

$(\gamma, 2n) \alpha$

56-Ba-140

Radionuclide Production Cross Section



11

Incident Energy (MeV)

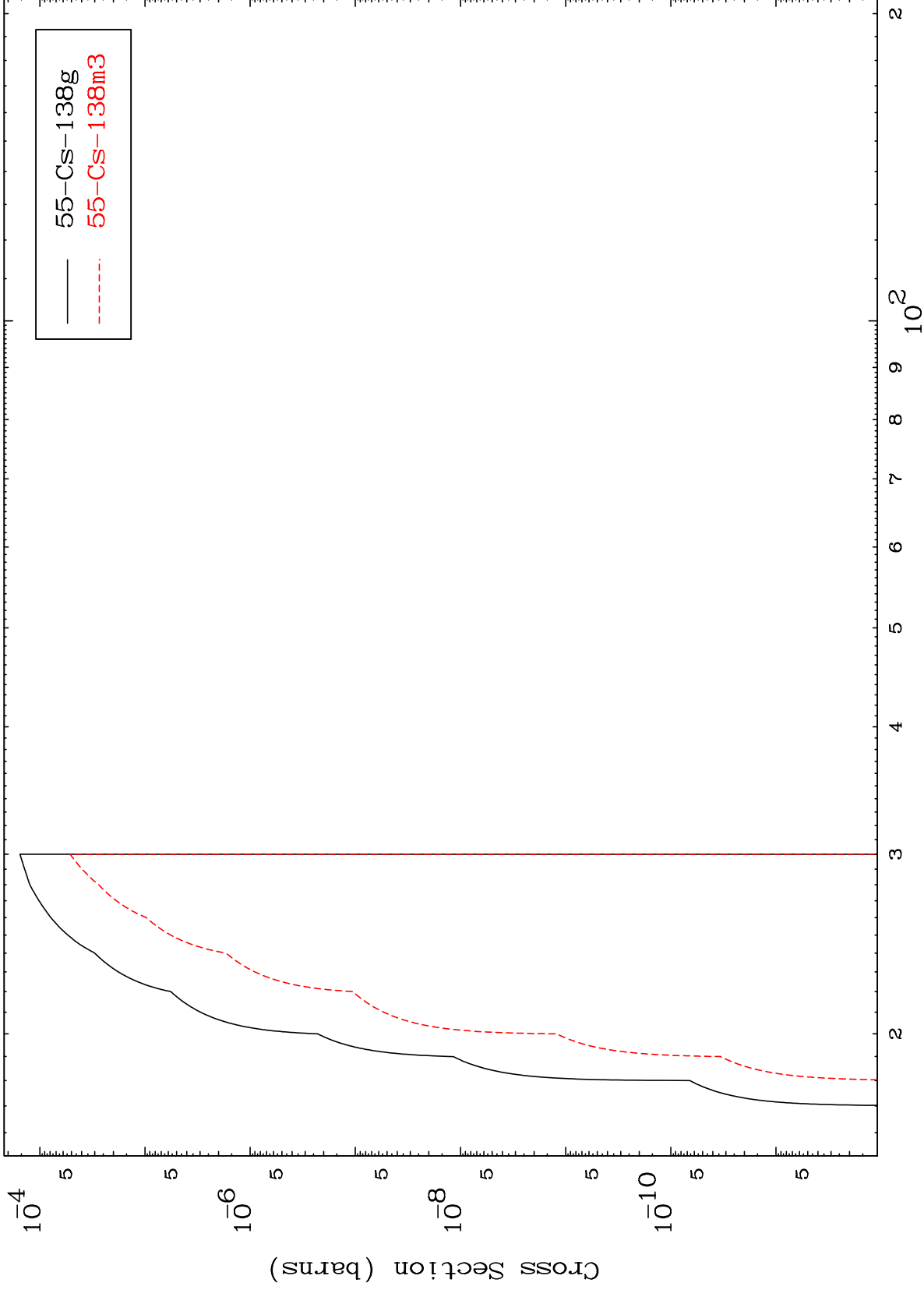
56-Ba-140

MAT 5655

$(\gamma, n')$  p

56-Ba-140

Radionuclide Production Cross Section



12

Incident Energy (MeV)

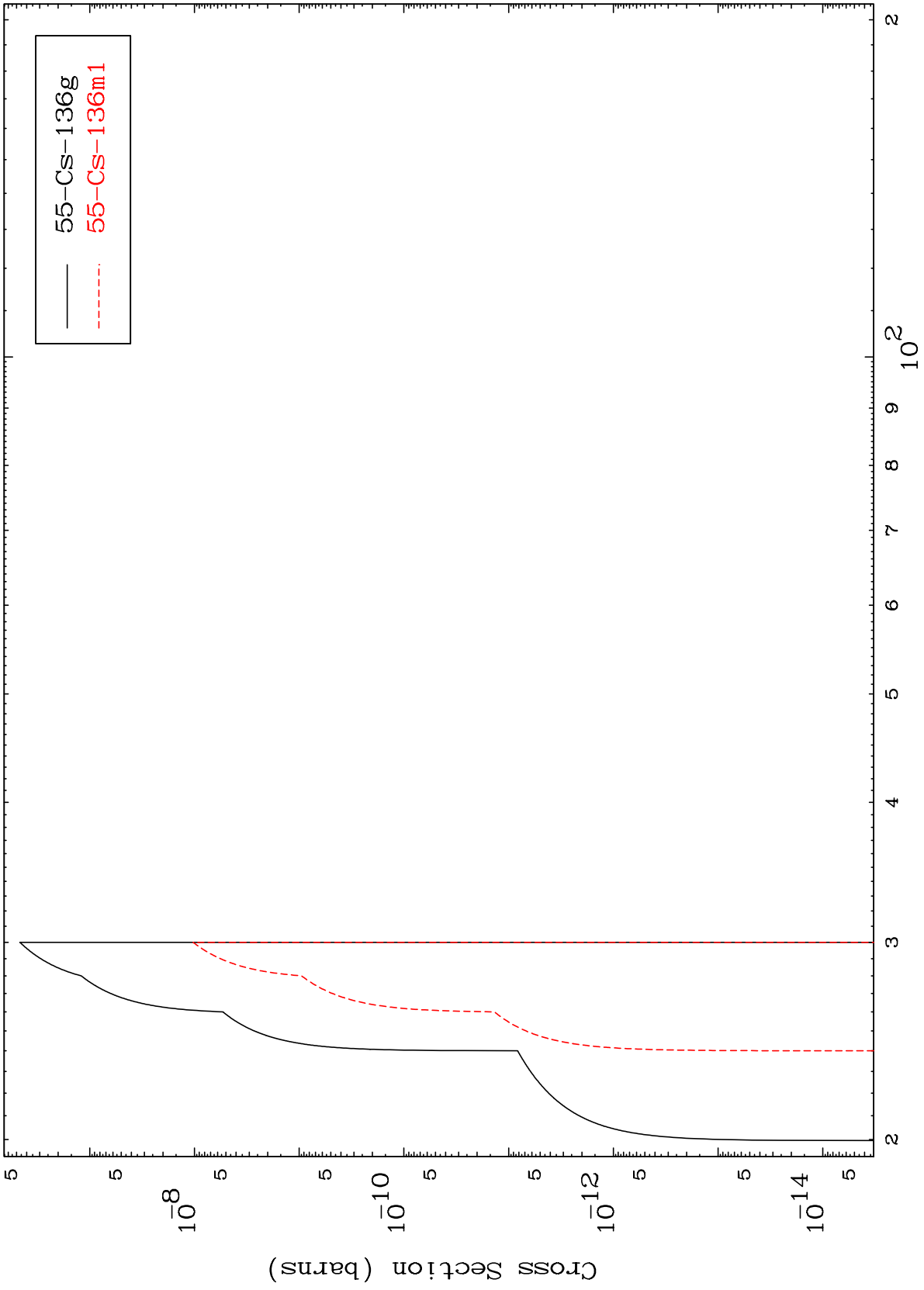
56-Ba-140

MAT 5655

( $\gamma, n'$ ) t

56-Ba-140

Radionuclide Production Cross Section



13

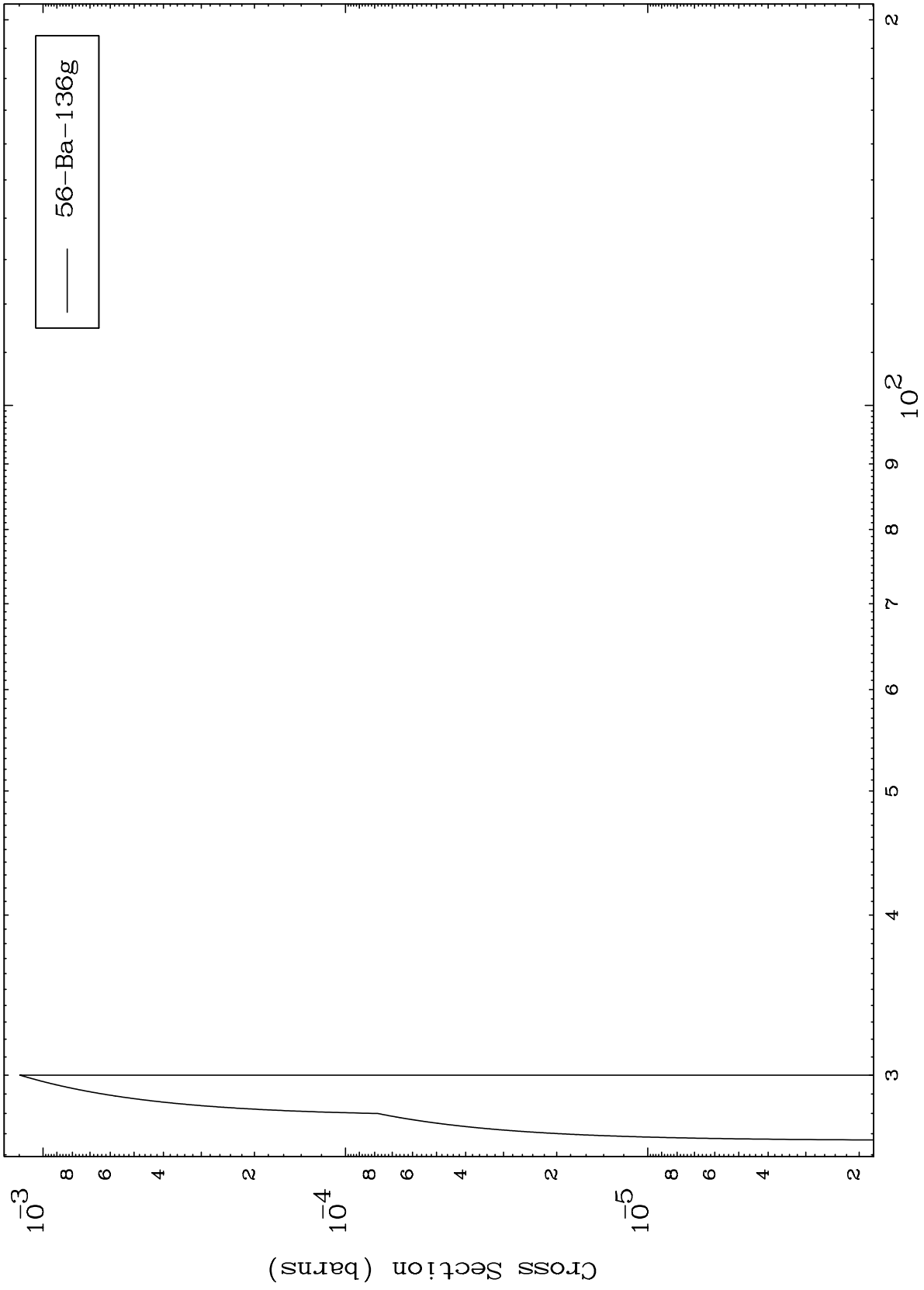
Incident Energy (MeV)

56-Ba-140

MAT 5655

56-Ba-140

( $\gamma, 4n$ )  
Radionuclide Production Cross Section



56-Ba-140

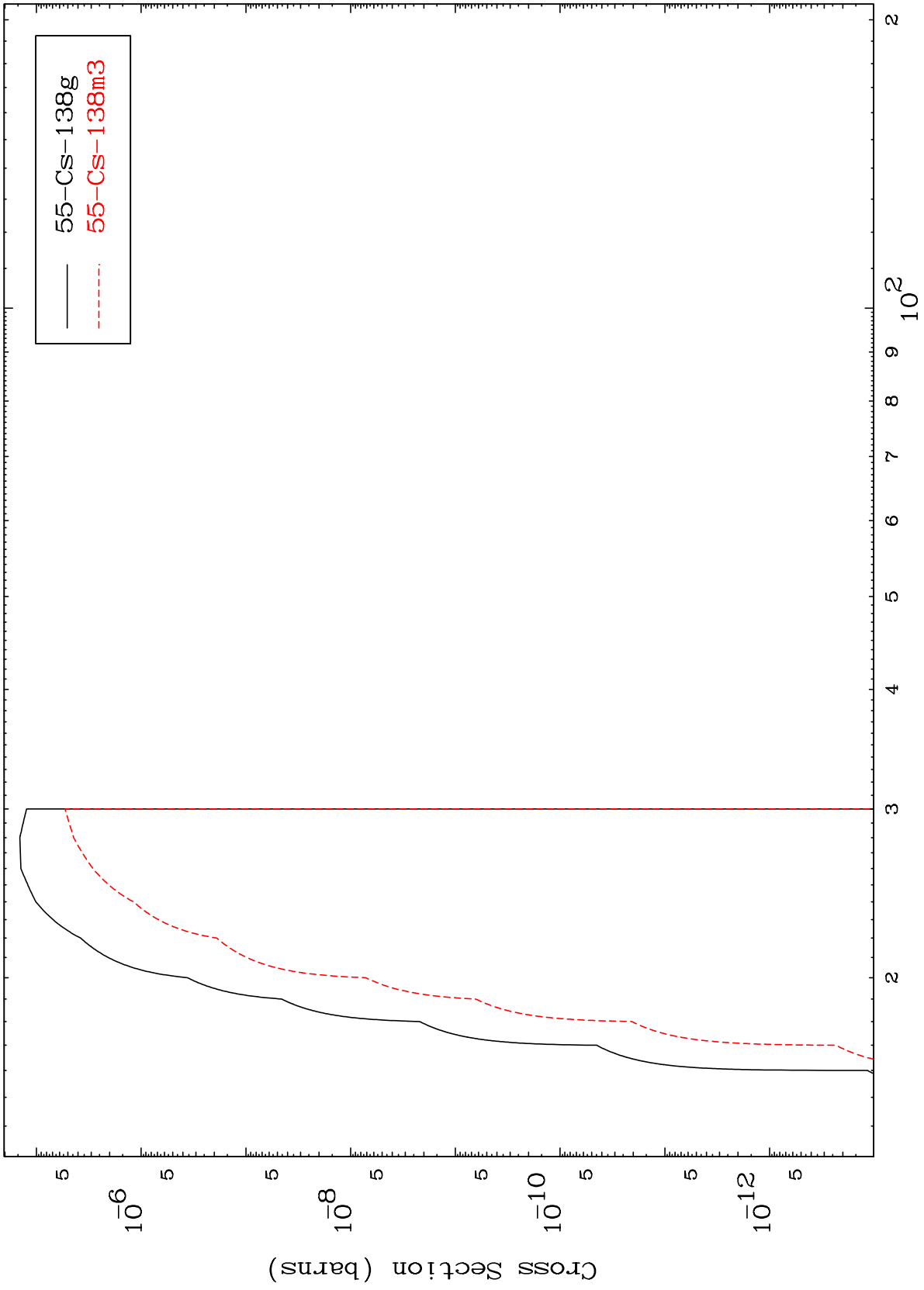
Incident Energy (MeV)

14

MAT 5655

56-Ba-140

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



15

Incident Energy (MeV)

56-Ba-140