

Program EVALPLOT  
(Version 2021-1)

by

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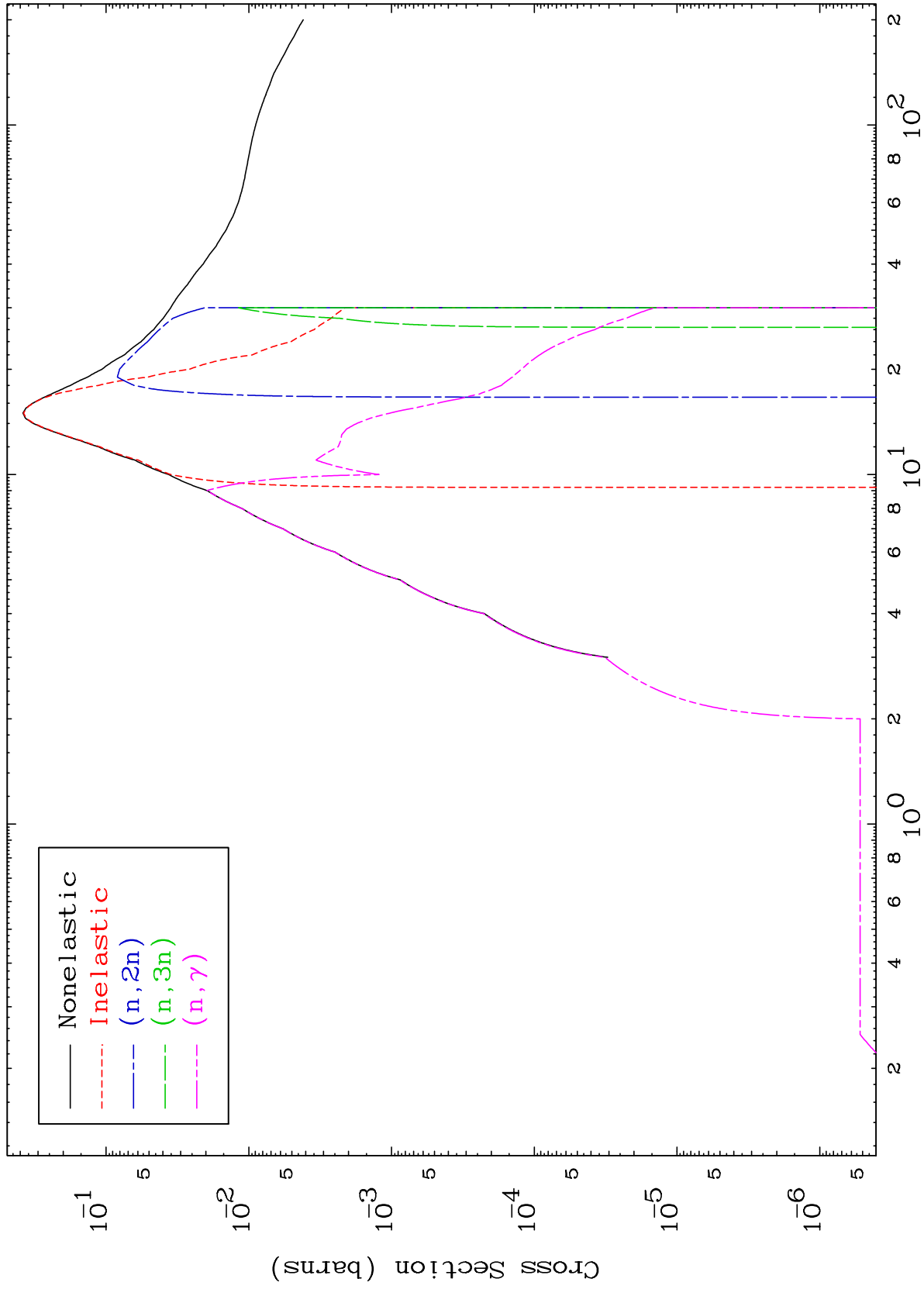
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5837

Photon Major  
0 Kelvin Cross Sections

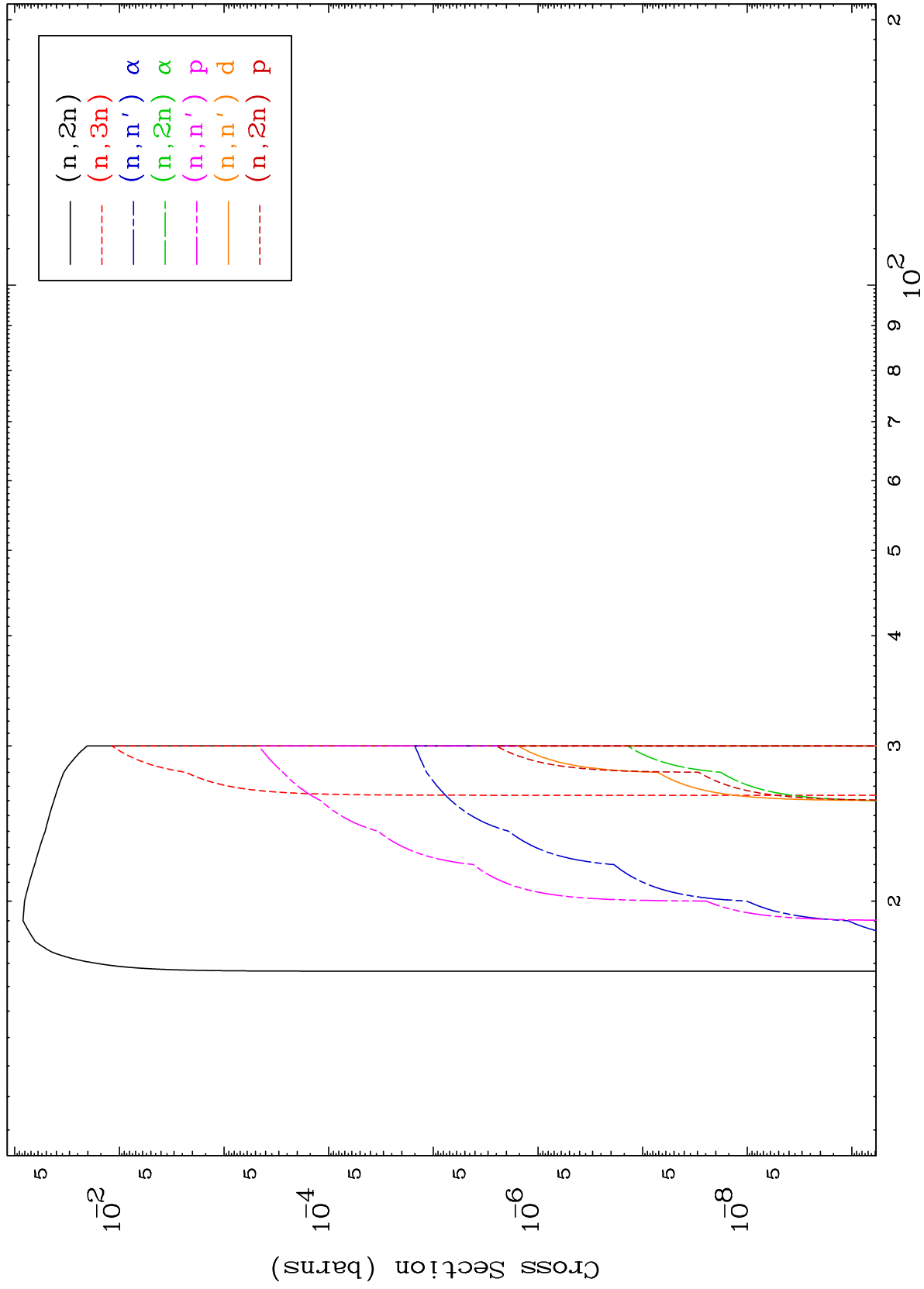
58-Ce-140



MAT 5837

Photon Neutron Absorption  
0 Kelvin Cross Sections

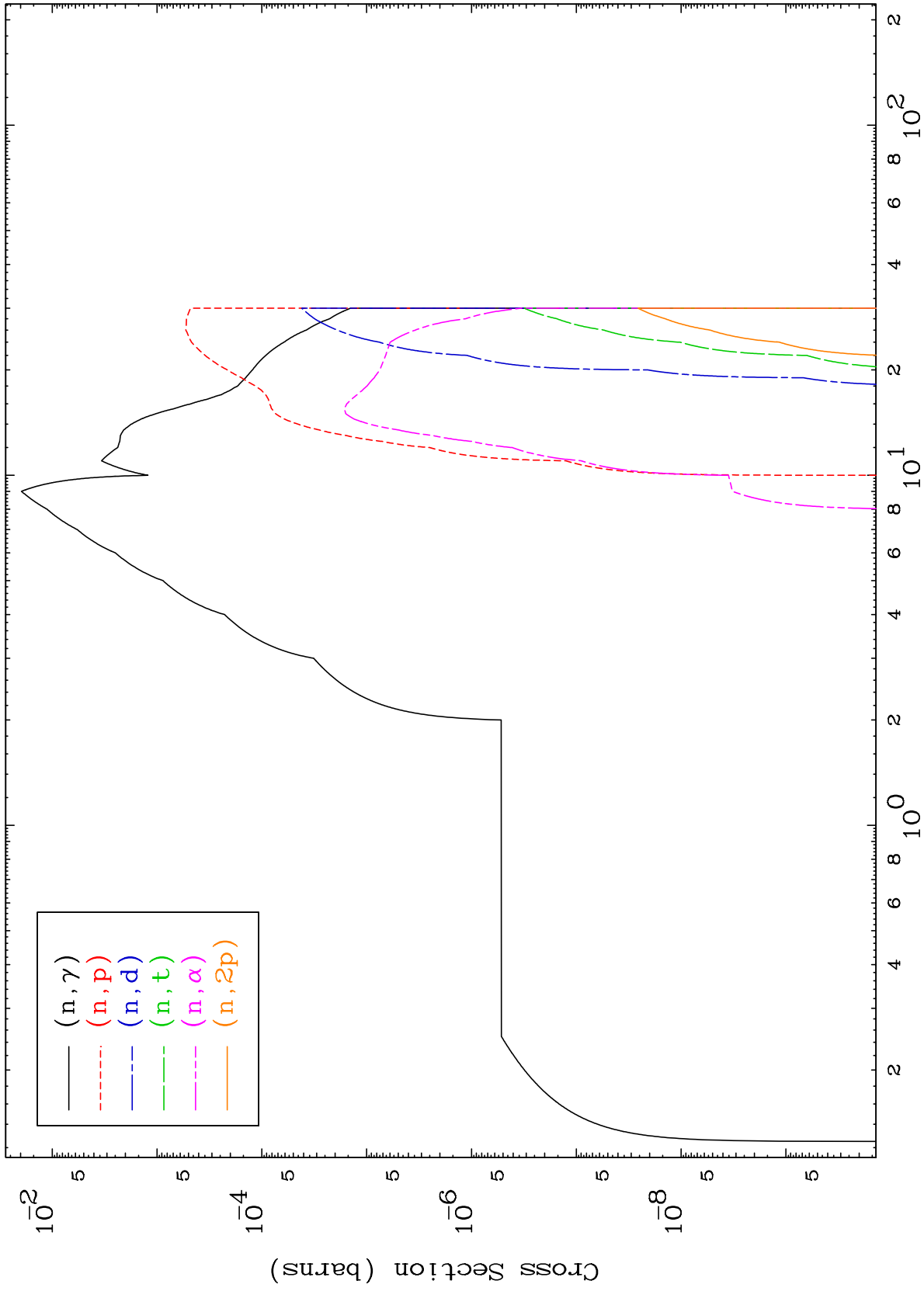
58-Ce-140

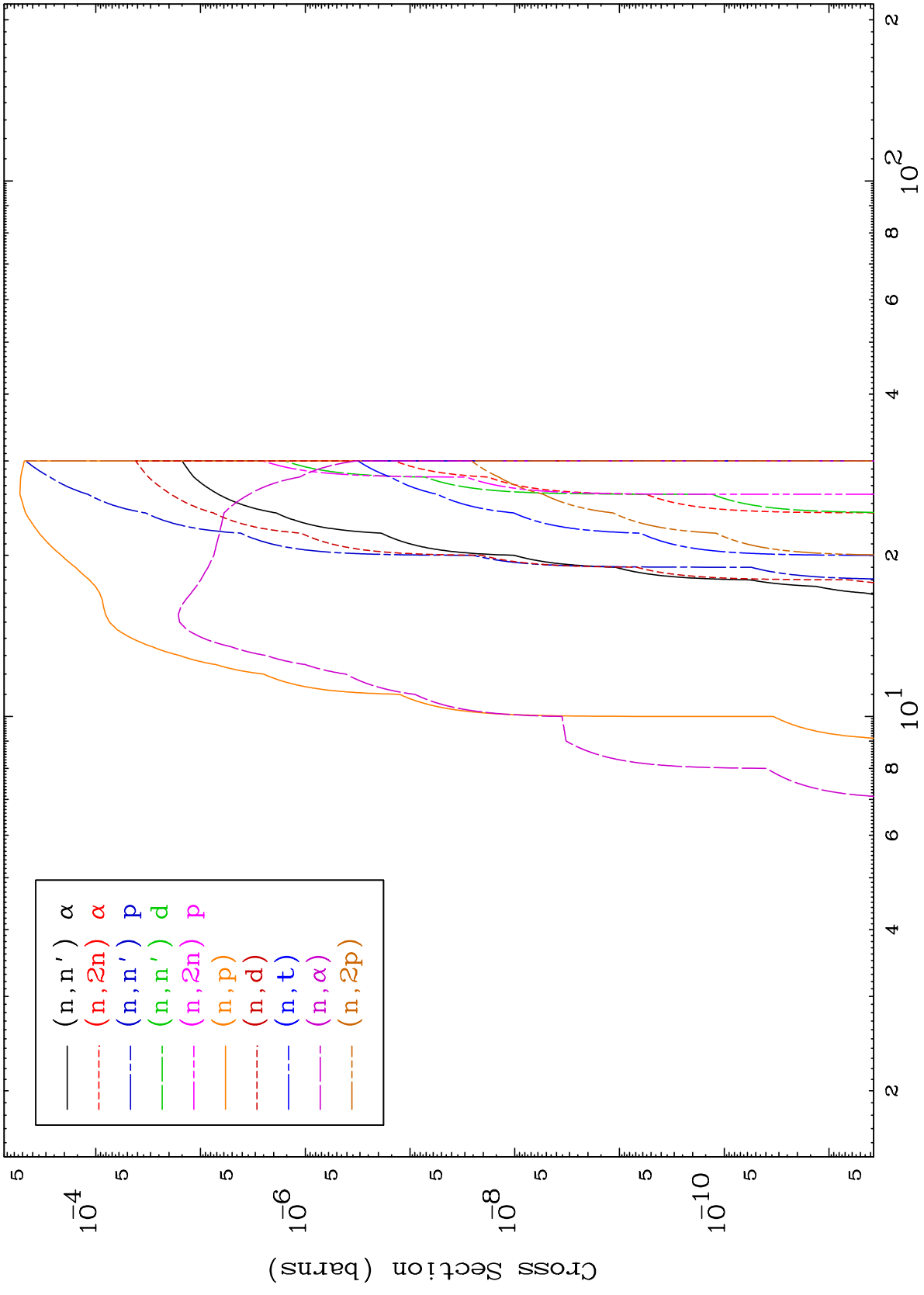


2

Incident Energy (MeV)

58-Ce-140

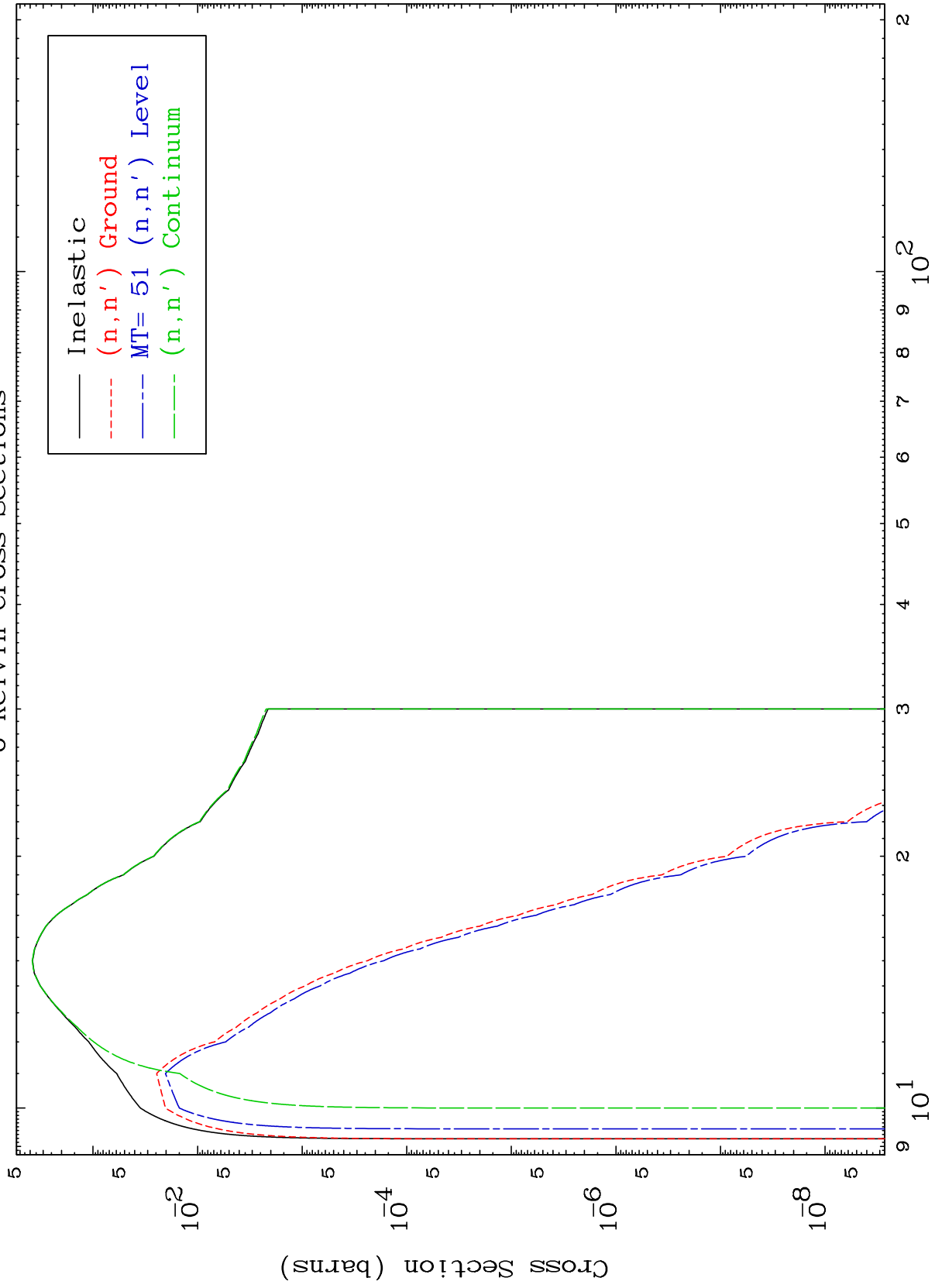




MAT 5837

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

58-Ce-140



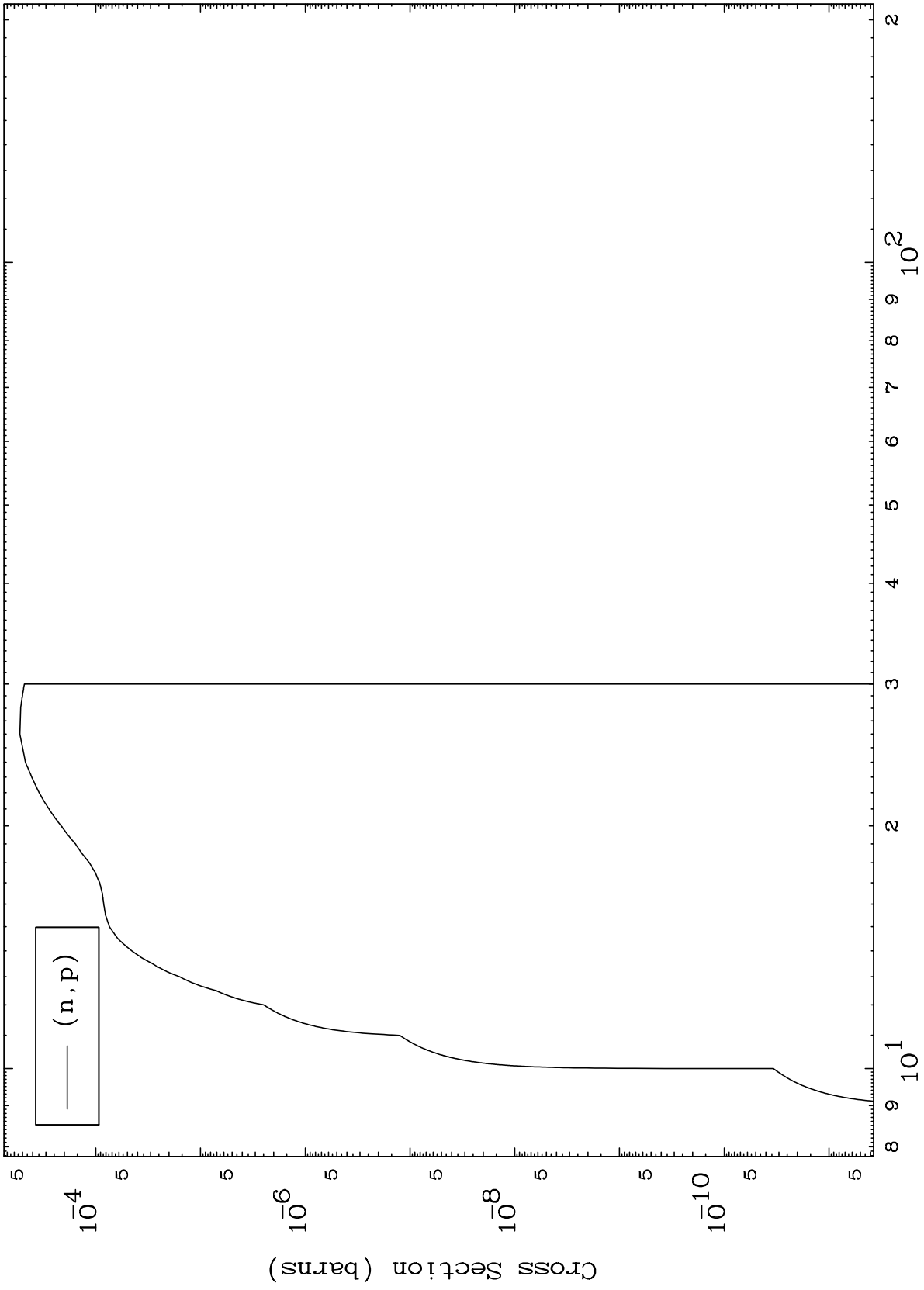
Incident Energy (MeV)

58-Ce-140

MAT 5837

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

58-Ce-140



6

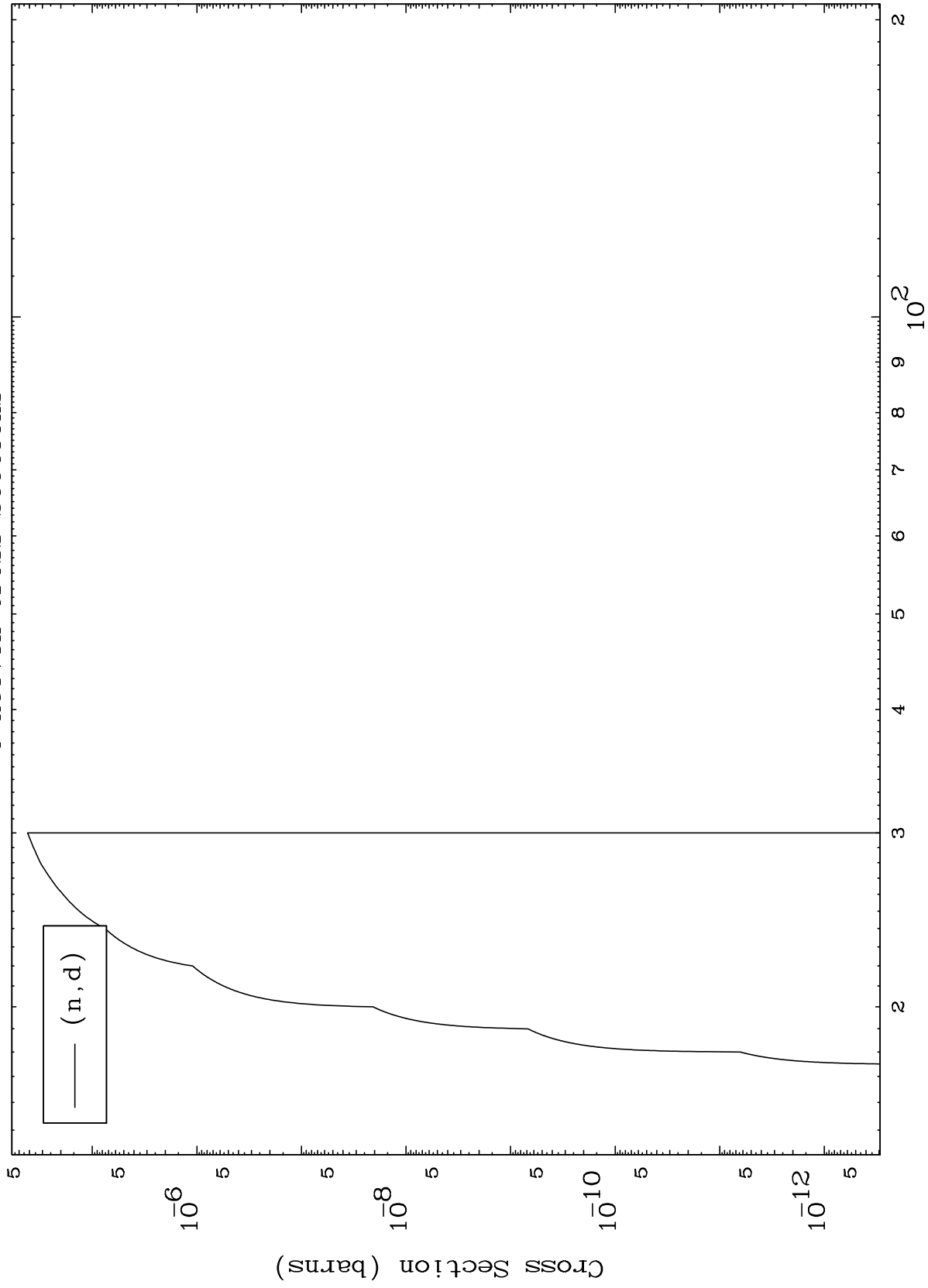
58-Ce-140

58-Ce-140

MAT 5837

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

58-Ce-140



7

Incident Energy (MeV)

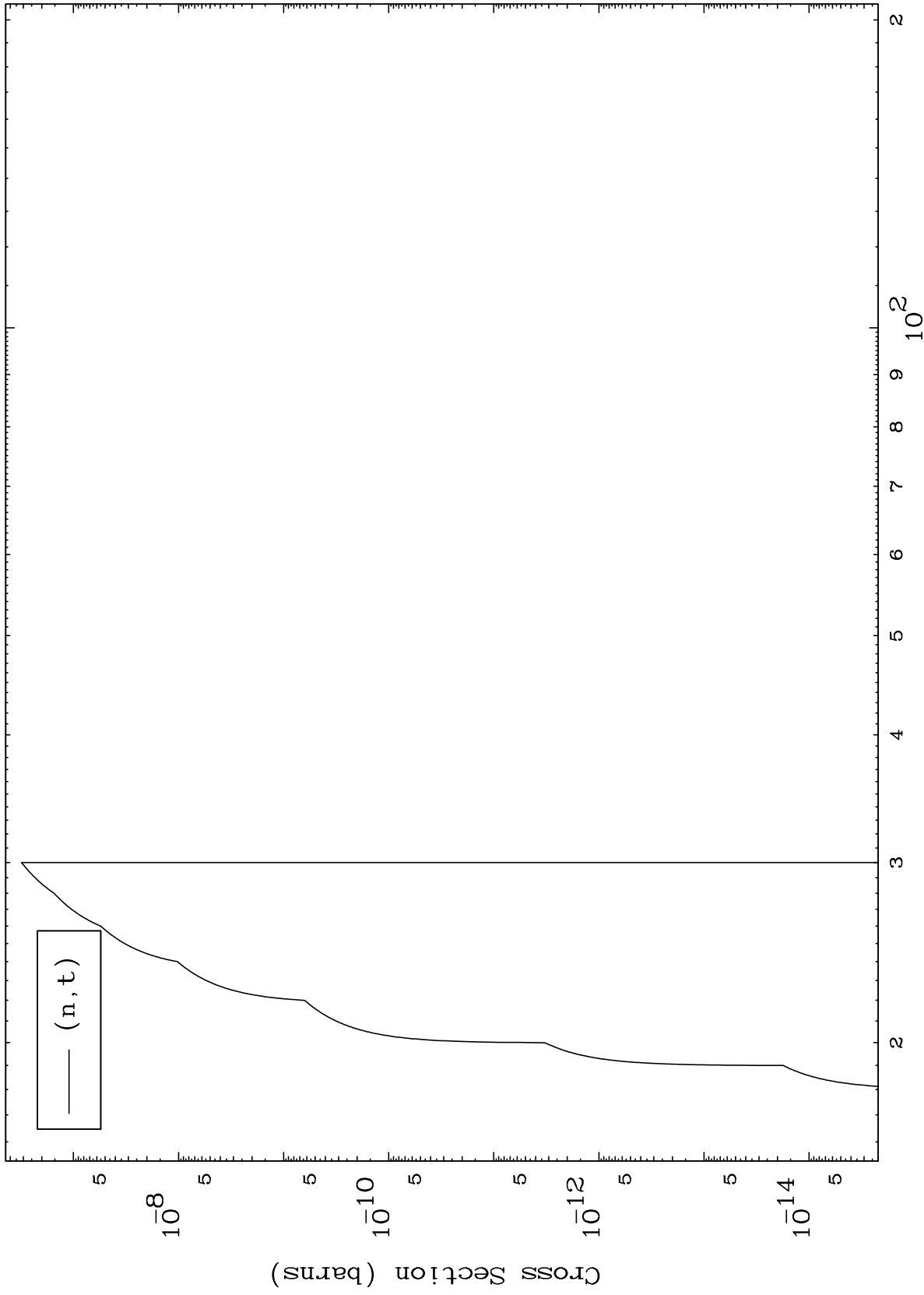
58-Ce-140



MAT 5837

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

58-Ce-140



8

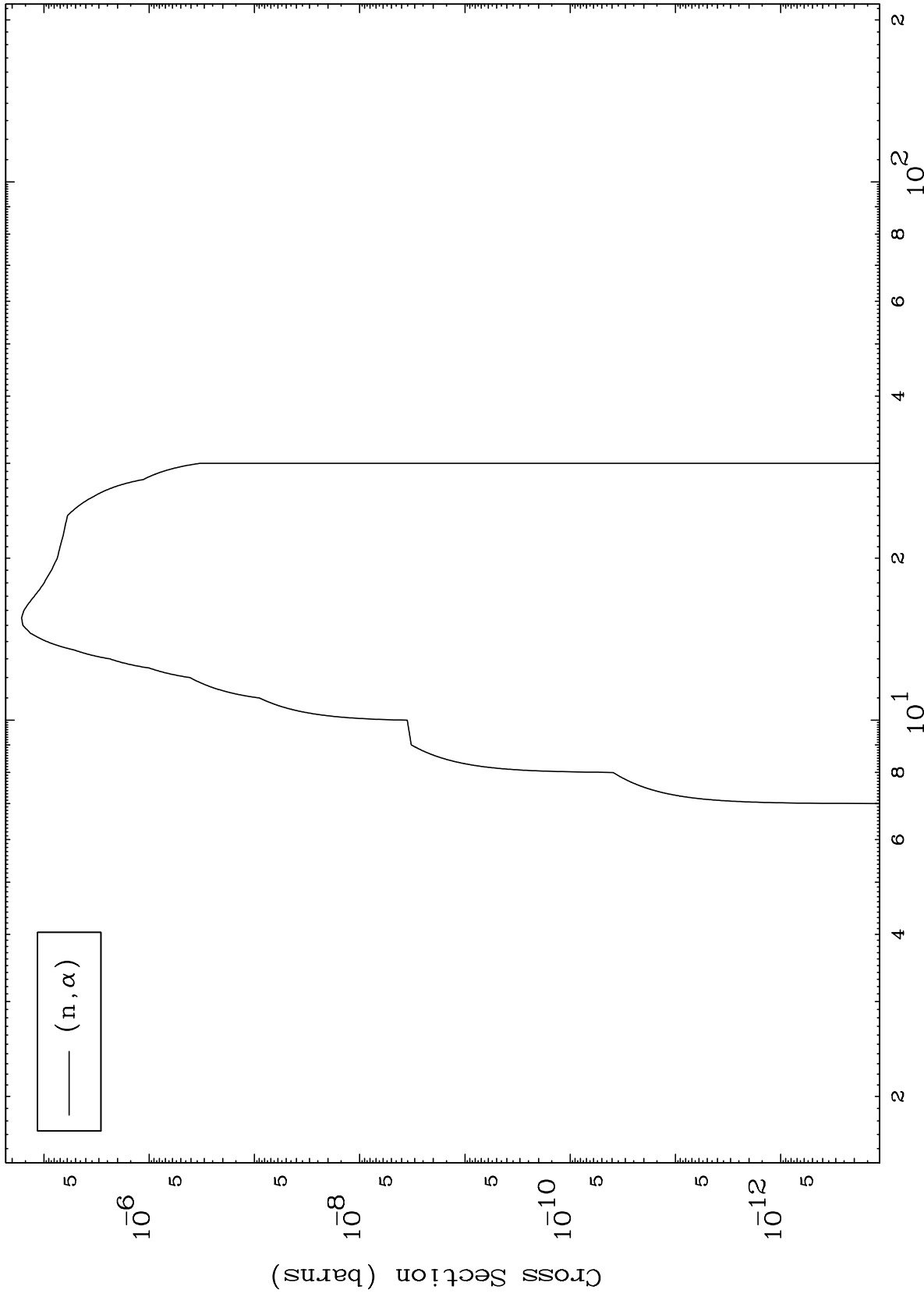
Incident Energy (MeV)

58-Ce-140

MAT 5837

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

58-Ce-140



9

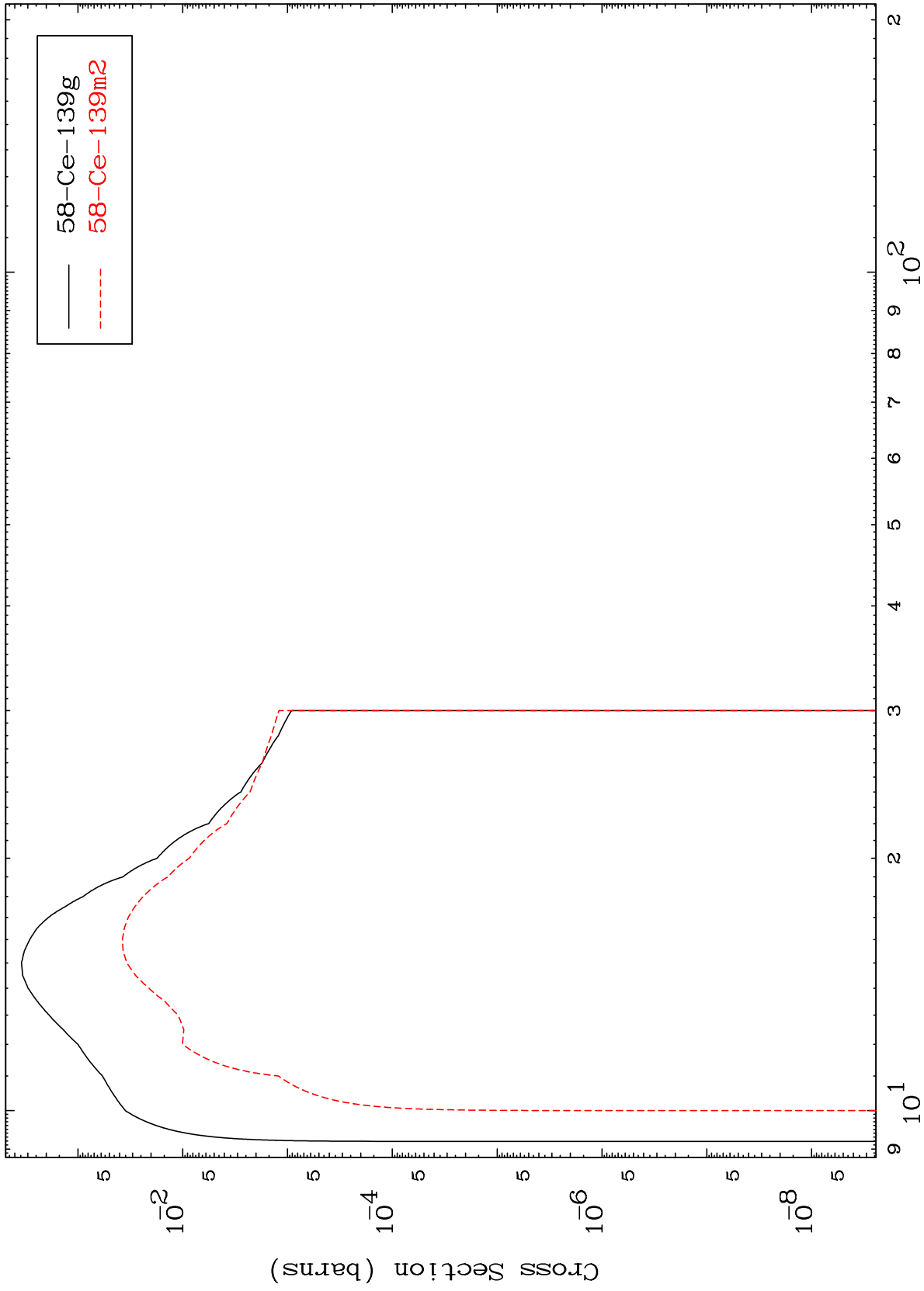
Incident Energy (MeV)

58-Ce-140

MAT 5837

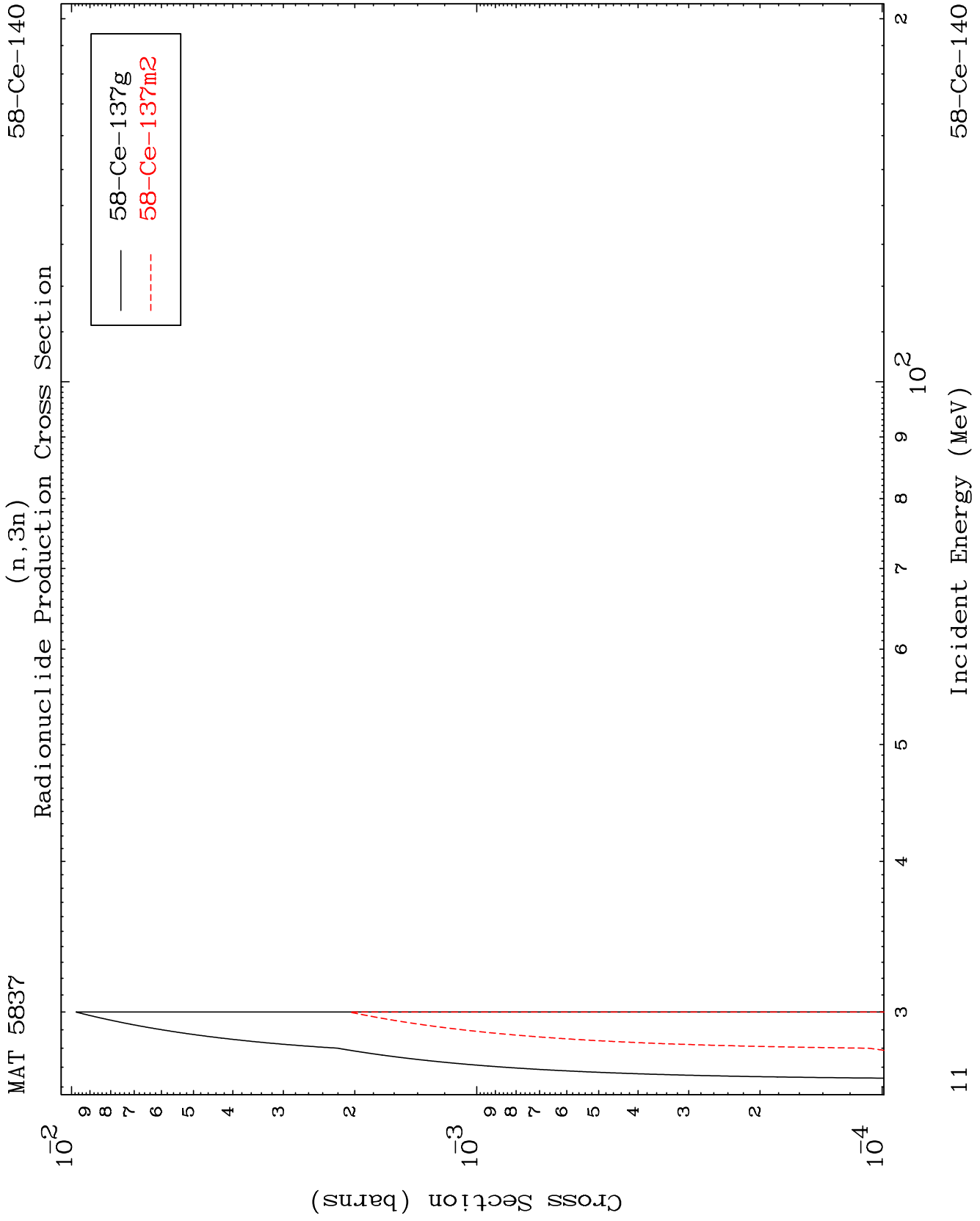
Inelastic  
Radionuclide Production Cross Section

58-Ce-140



Incident Energy (MeV)

58-Ce-140

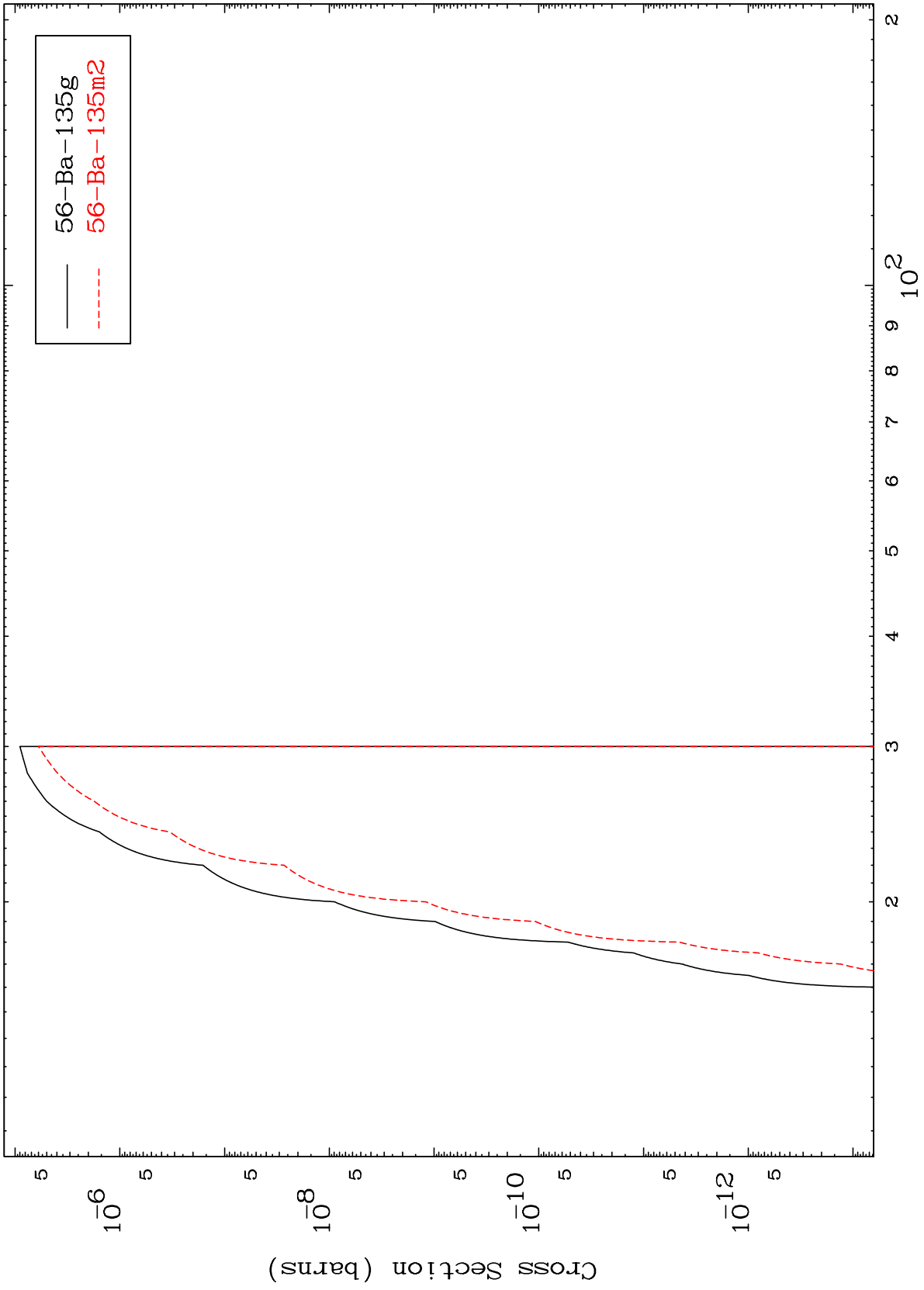


MAT 5837

$(n, n') \alpha$

58-Ce-140

Radionuclide Production Cross Section



12

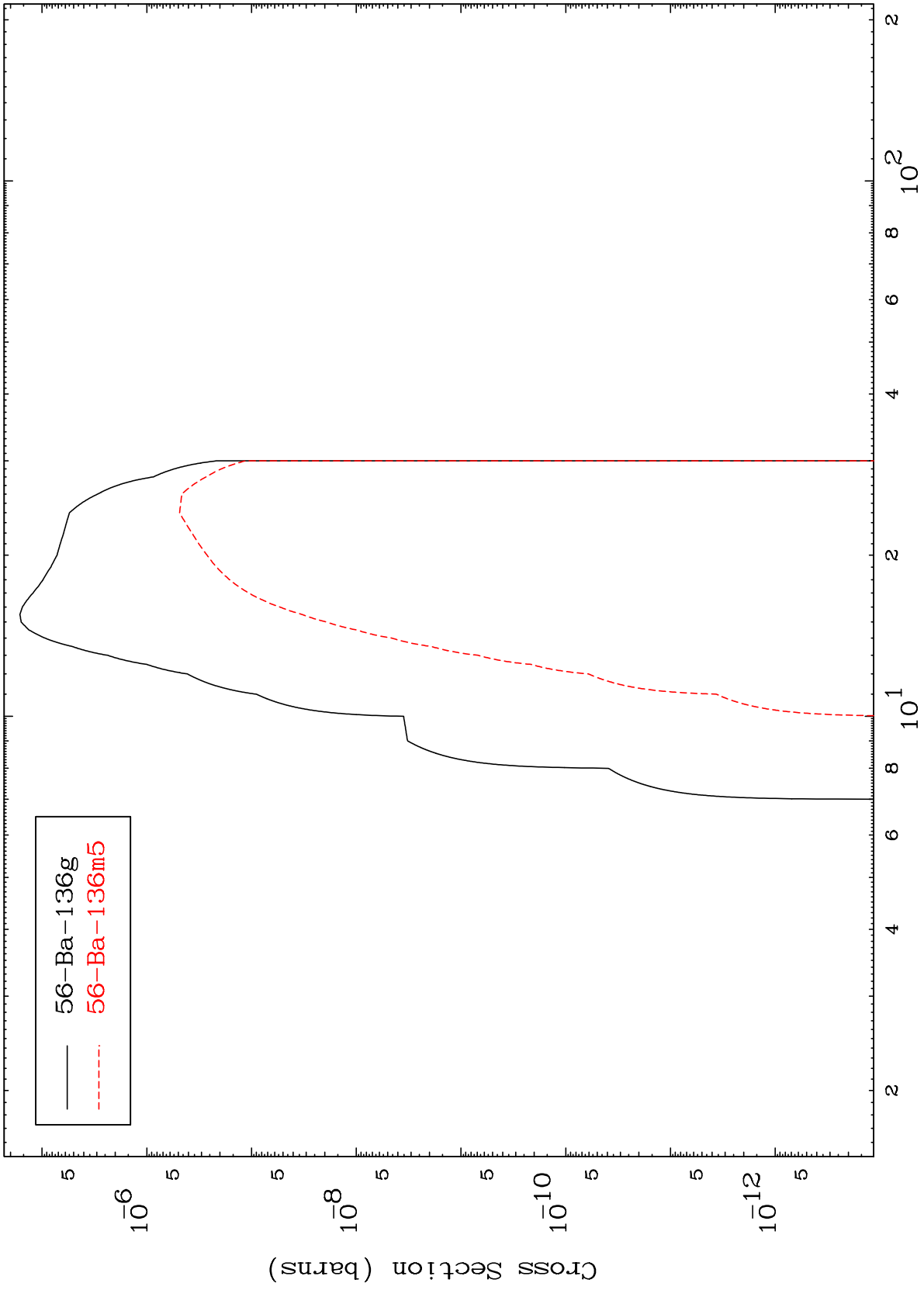
Incident Energy (MeV)

58-Ce-140

MAT 5837

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

58-Ce-140



13

Incident Energy (MeV)

58-Ce-140