

Program EVALPLOT  
(Version 2021-1)

by

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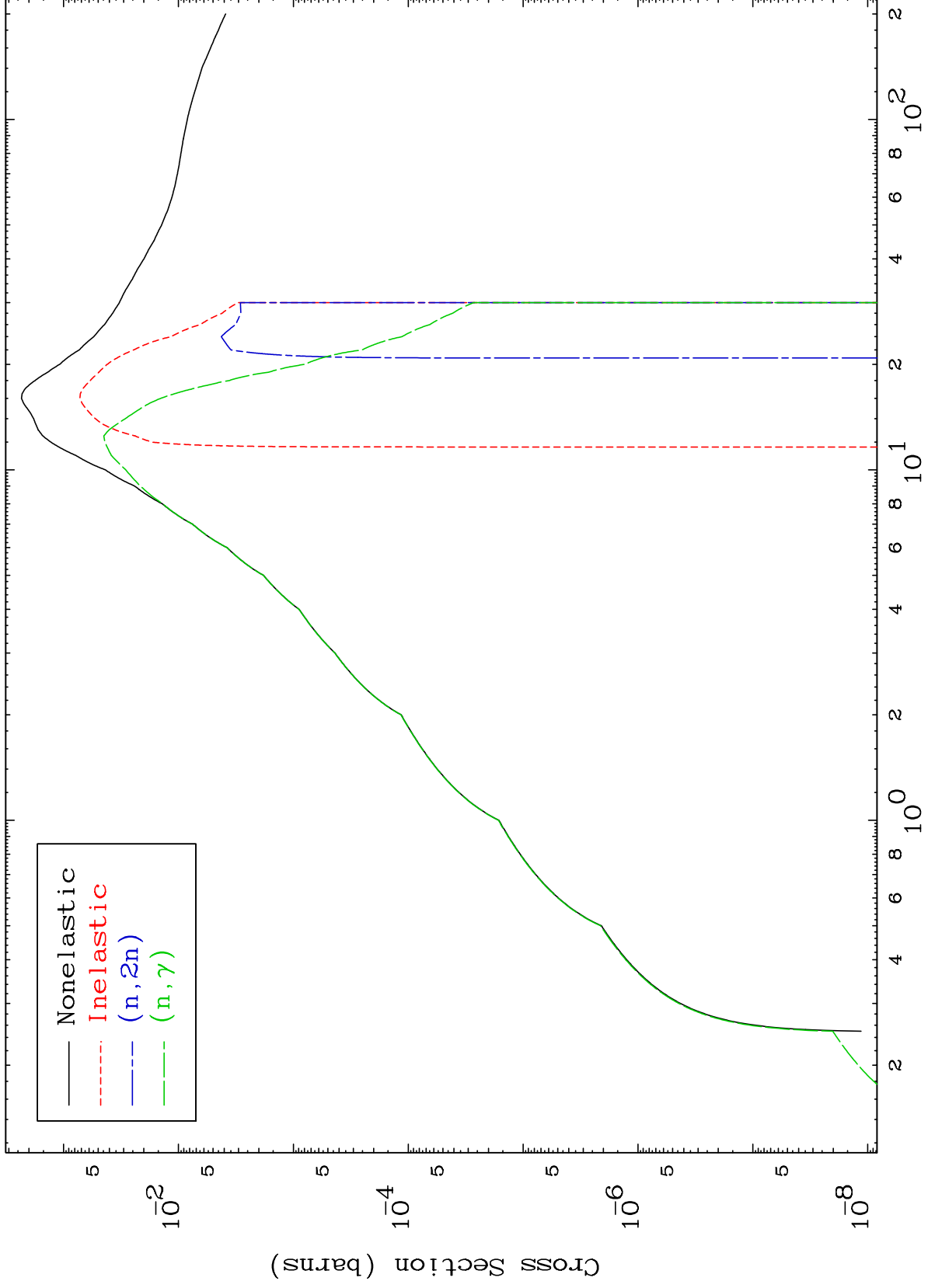
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5801

Photon Major  
0 Kelvin Cross Sections

58-Ce-128



1

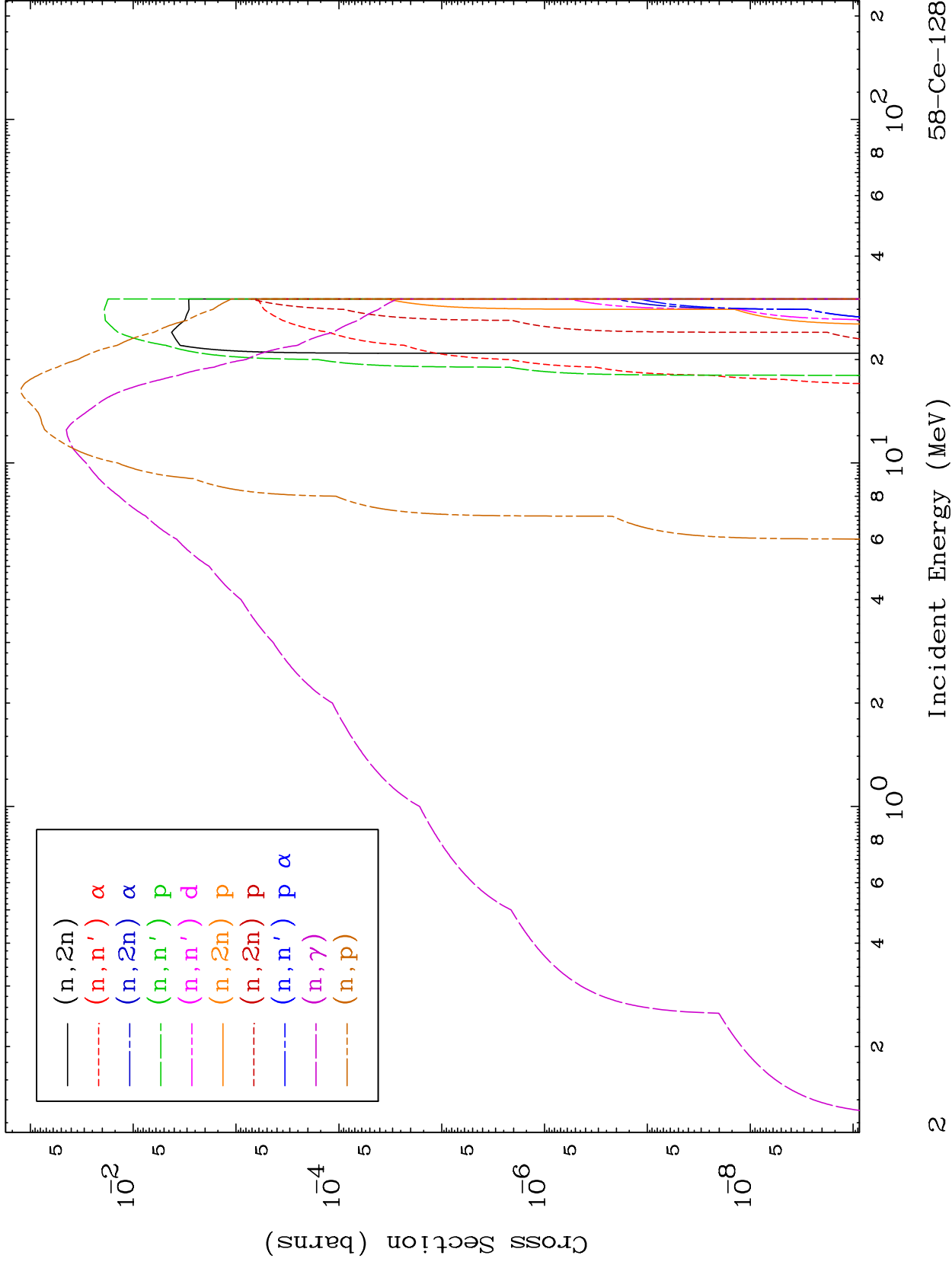
Incident Energy (MeV)

58-Ce-128

MAT 5801

Photon Neutron Absorption  
0 Kelvin Cross Sections

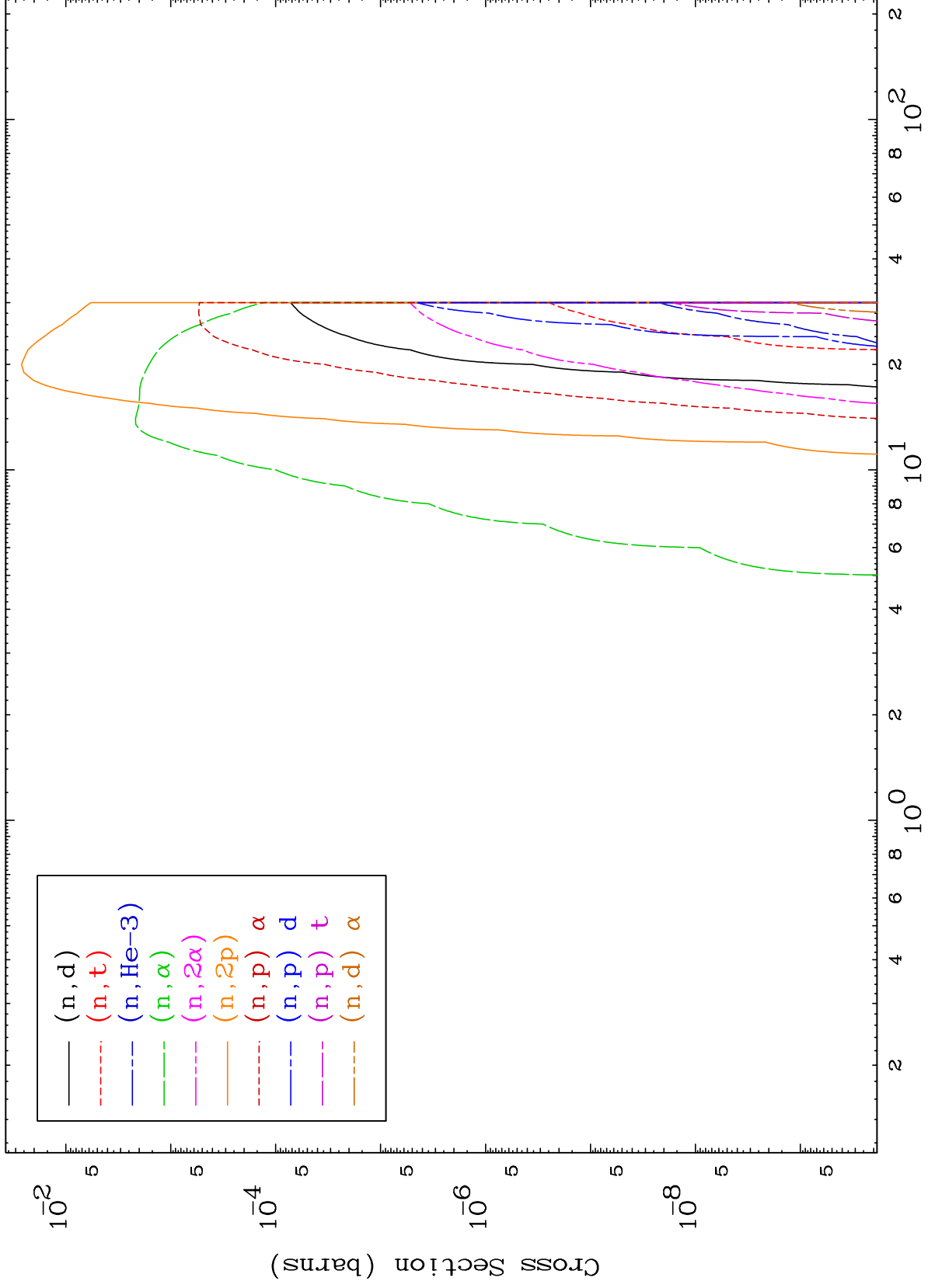
58-Ce-128



MAT 5801

Photon Neutron Absorption  
0 Kelvin Cross Sections

58-Ce-128



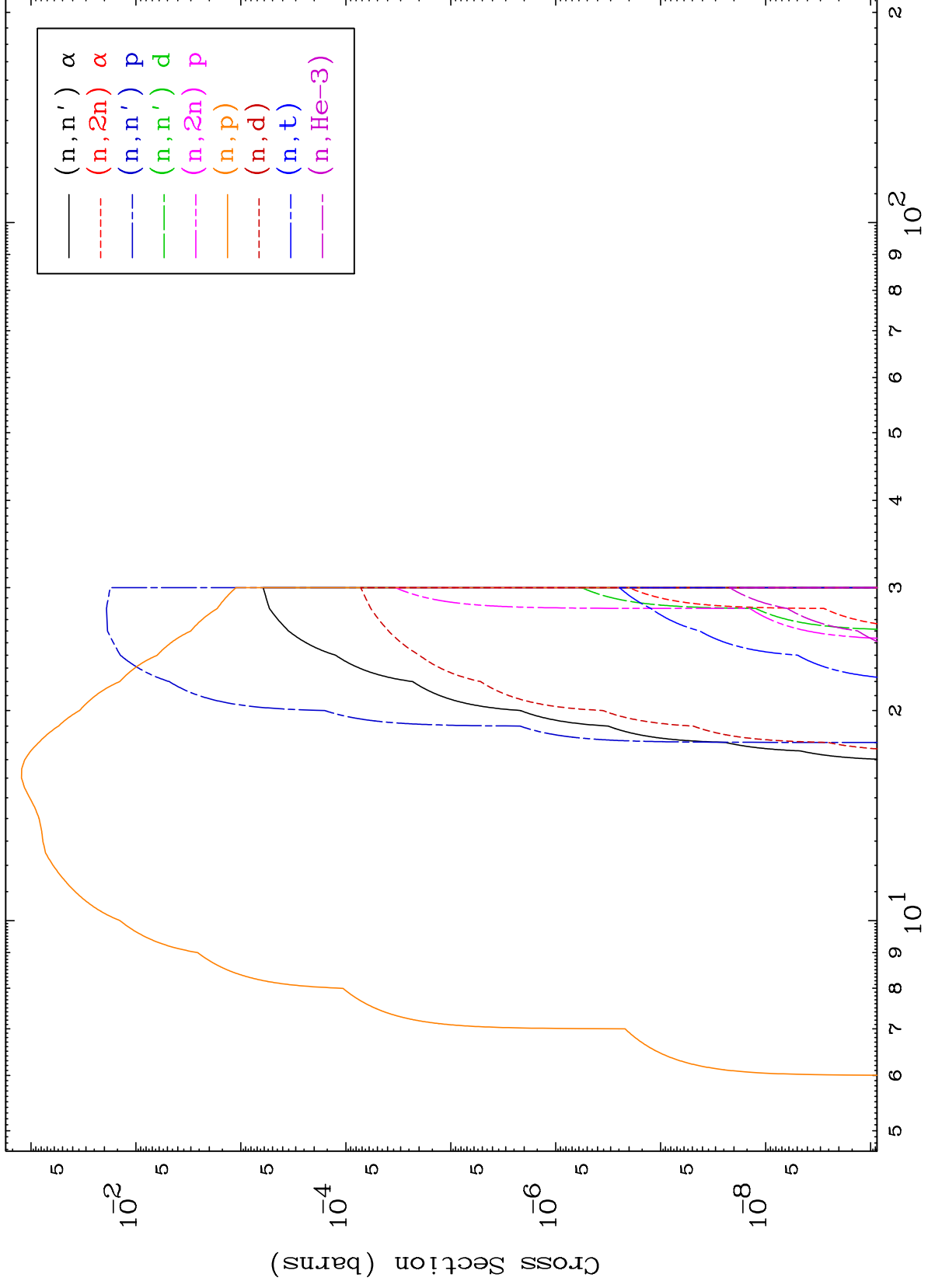
58-Ce-128

Incident Energy (MeV)

MAT 5801

Photon Charged Particle  
0 Kelvin Cross Sections

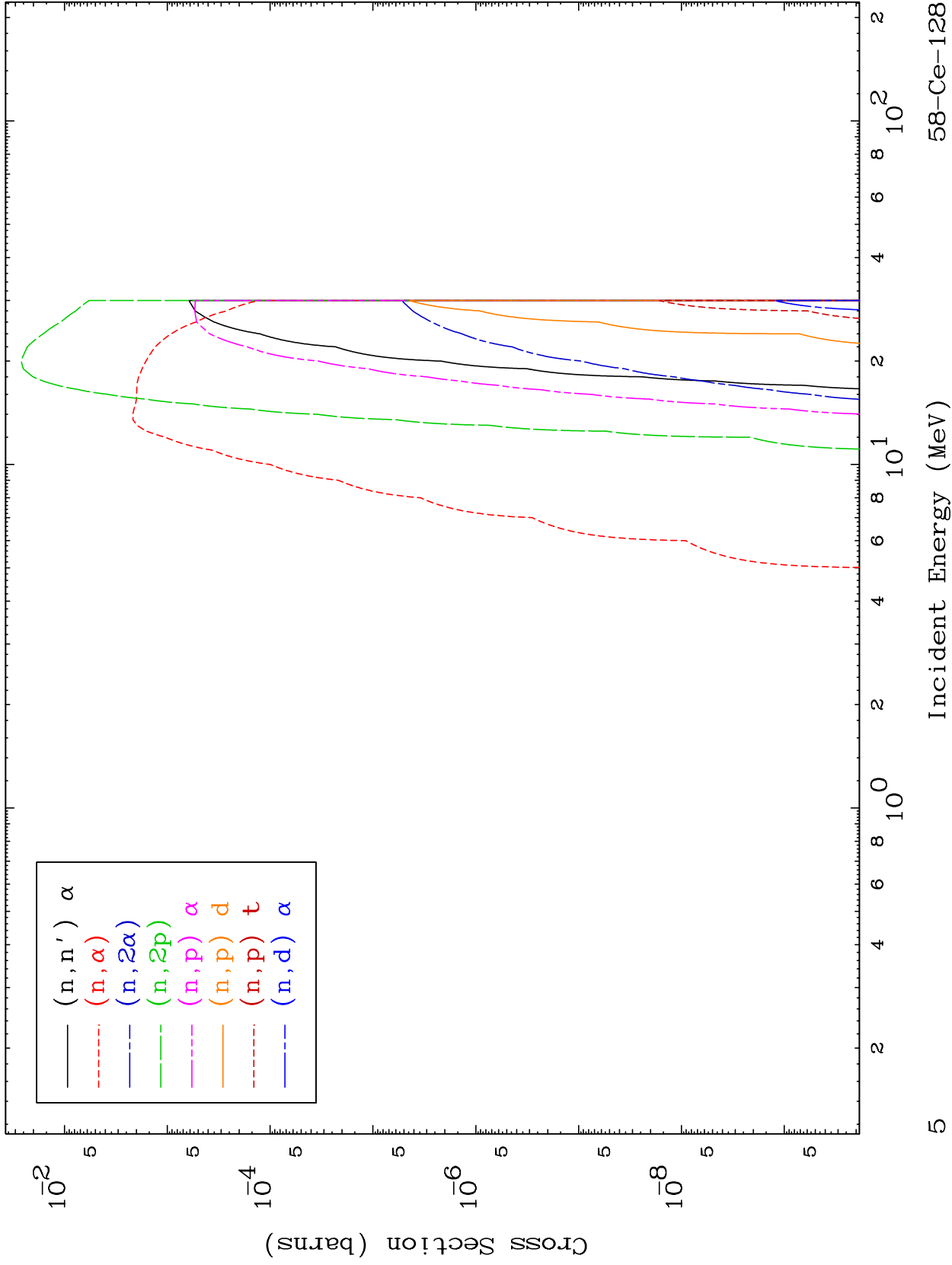
58-Ce-128



4

Incident Energy (MeV)

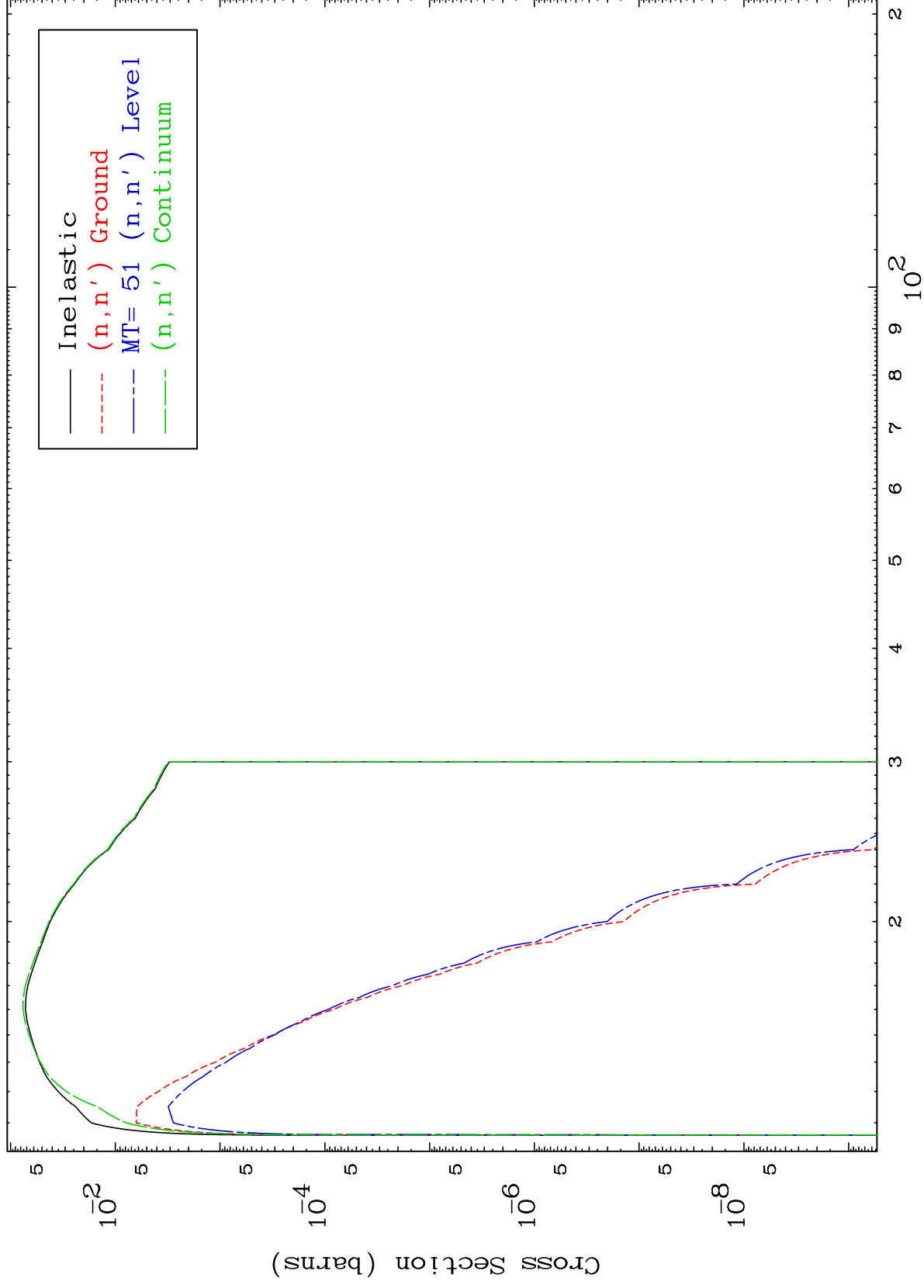
58-Ce-128



MAT 5801

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

58-Ce-128



Incident Energy (MeV)

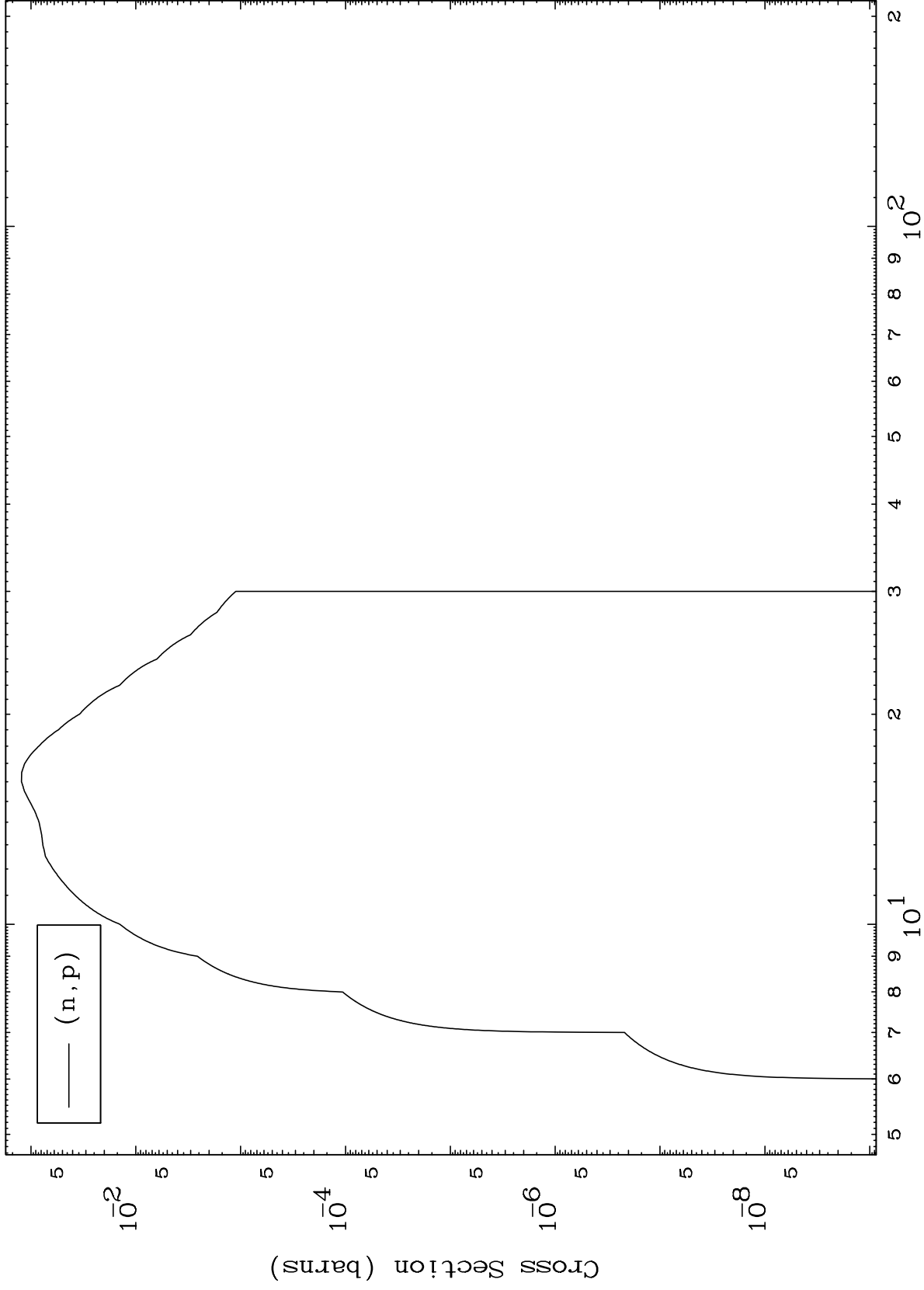
58-Ce-128

6

MAT 5801

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

58-Ce-128



7

Incident Energy (MeV)

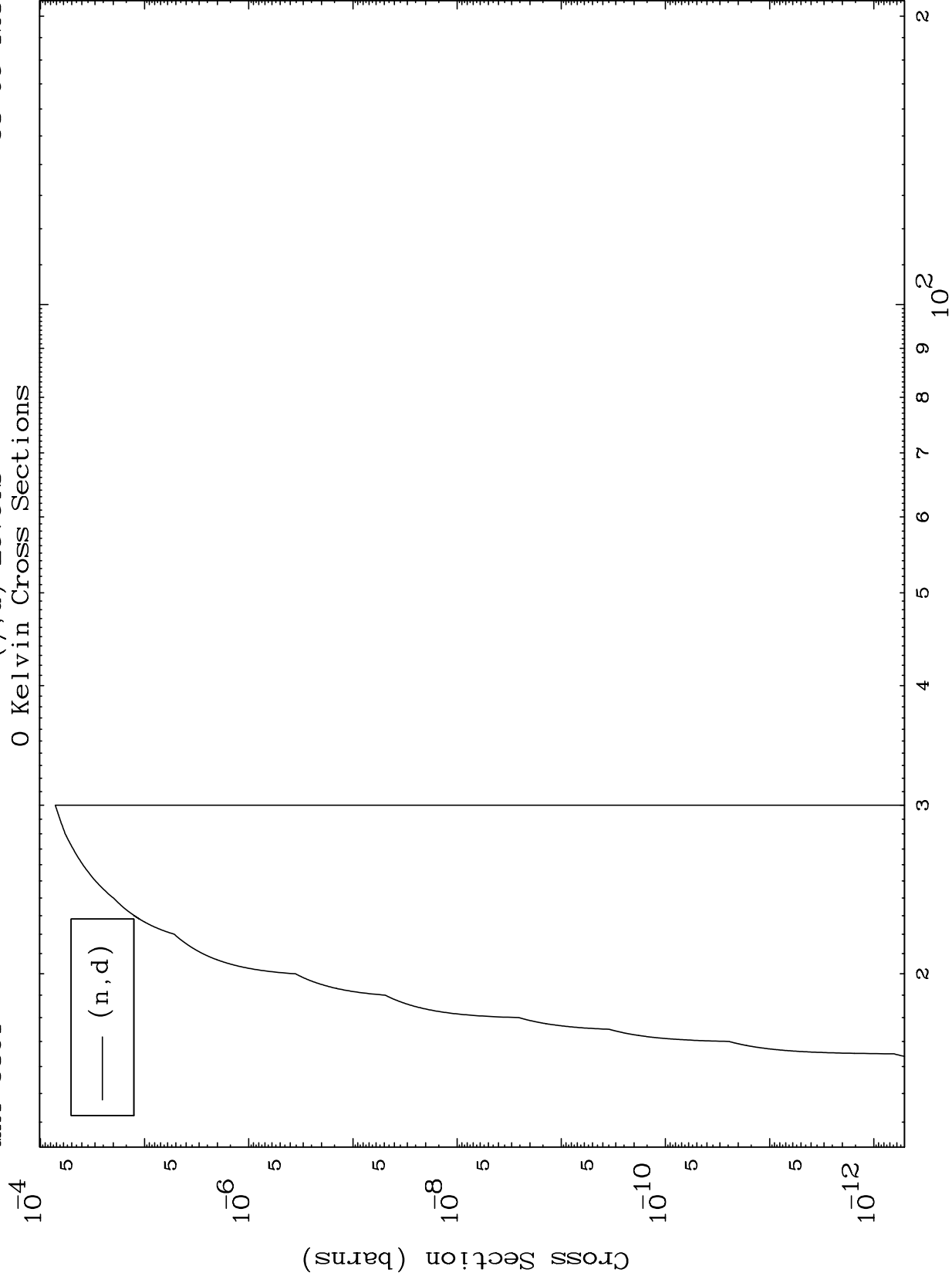
58-Ce-128



MAT 5801

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

58-Ce-128



8

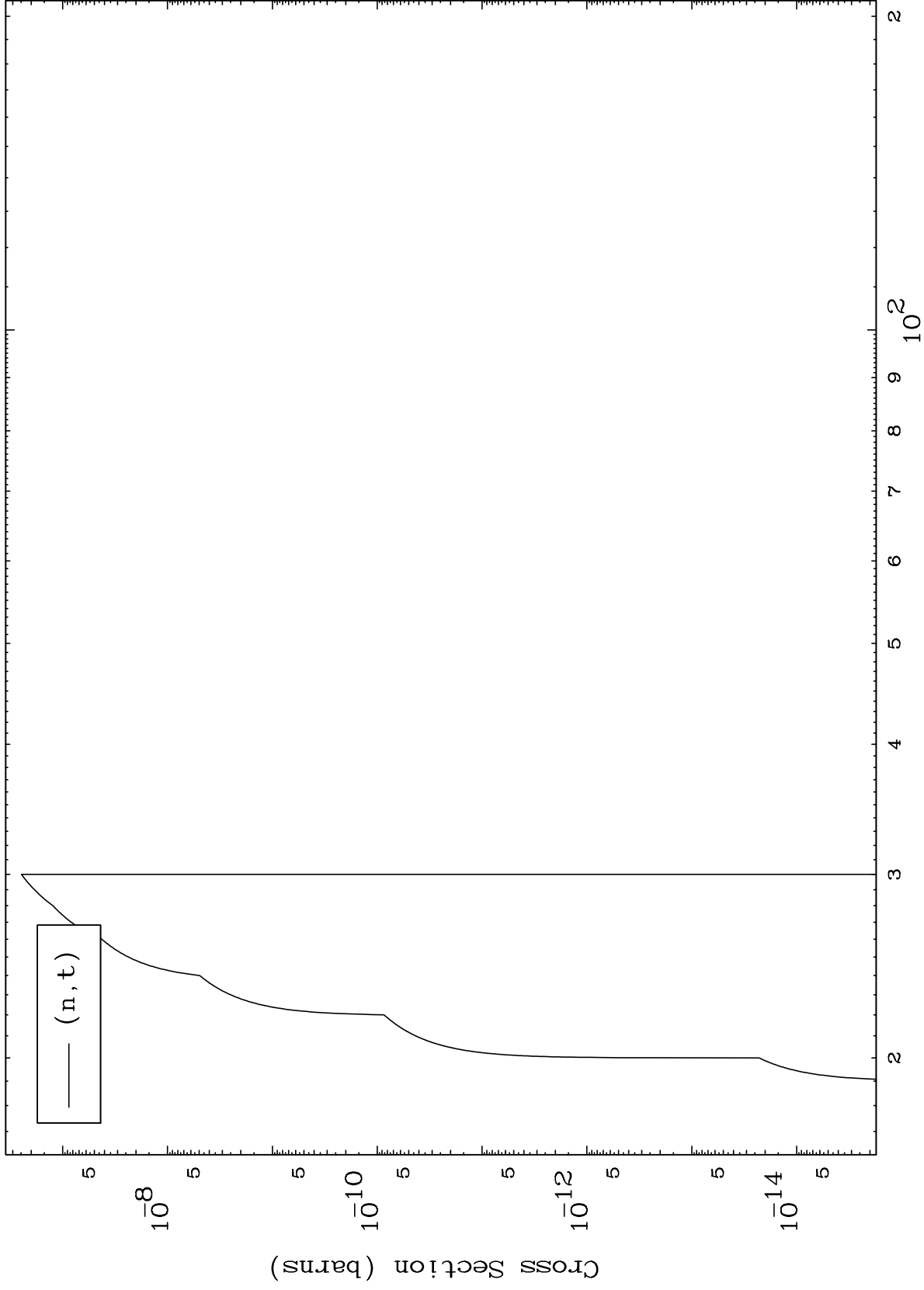
Incident Energy (MeV)

58-Ce-128

MAT 5801

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

58-Ce-128



9

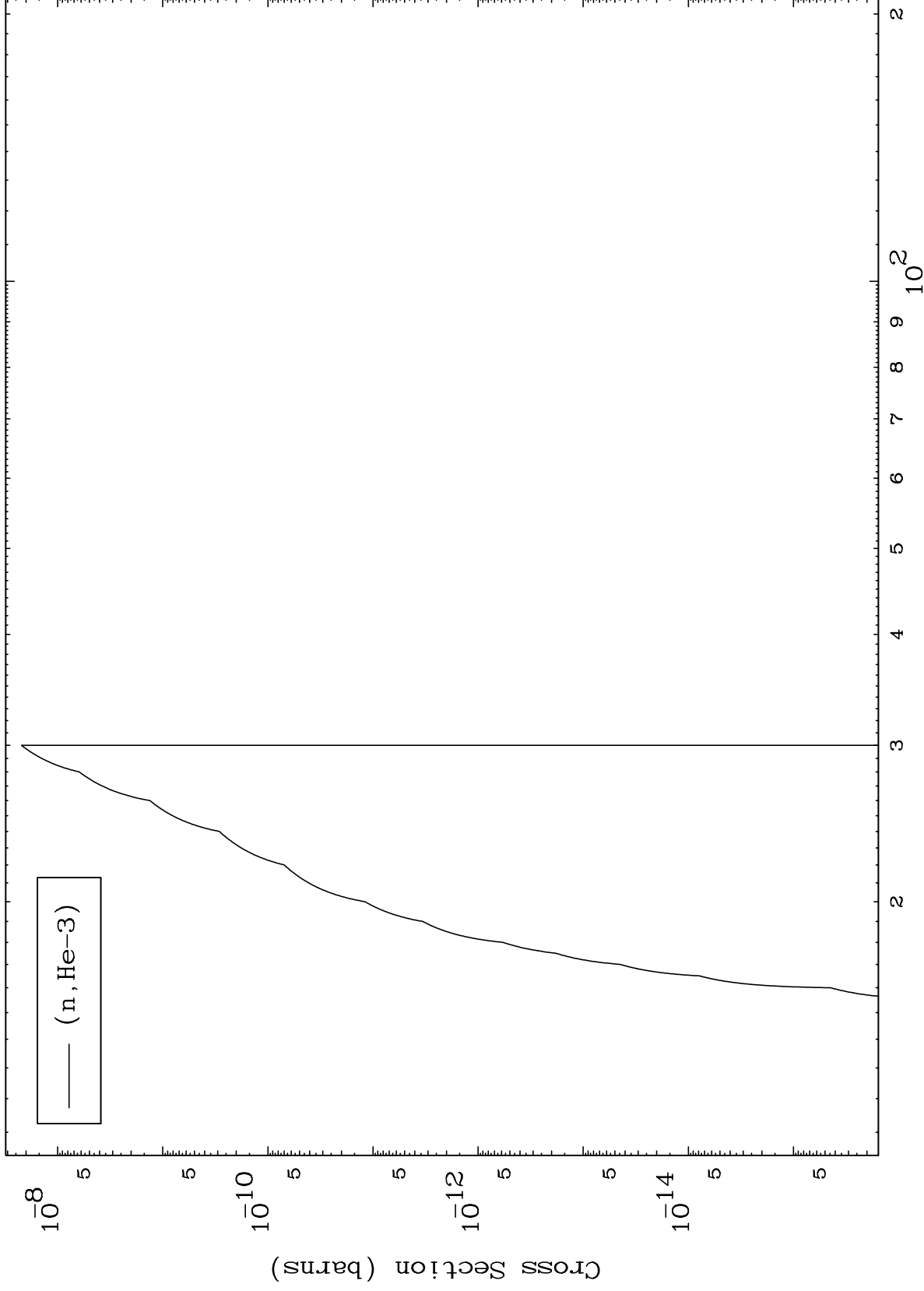
Incident Energy (MeV)

58-Ce-128

MAT 5801

( $\gamma, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

58-Ce-128



10

Incident Energy (MeV)

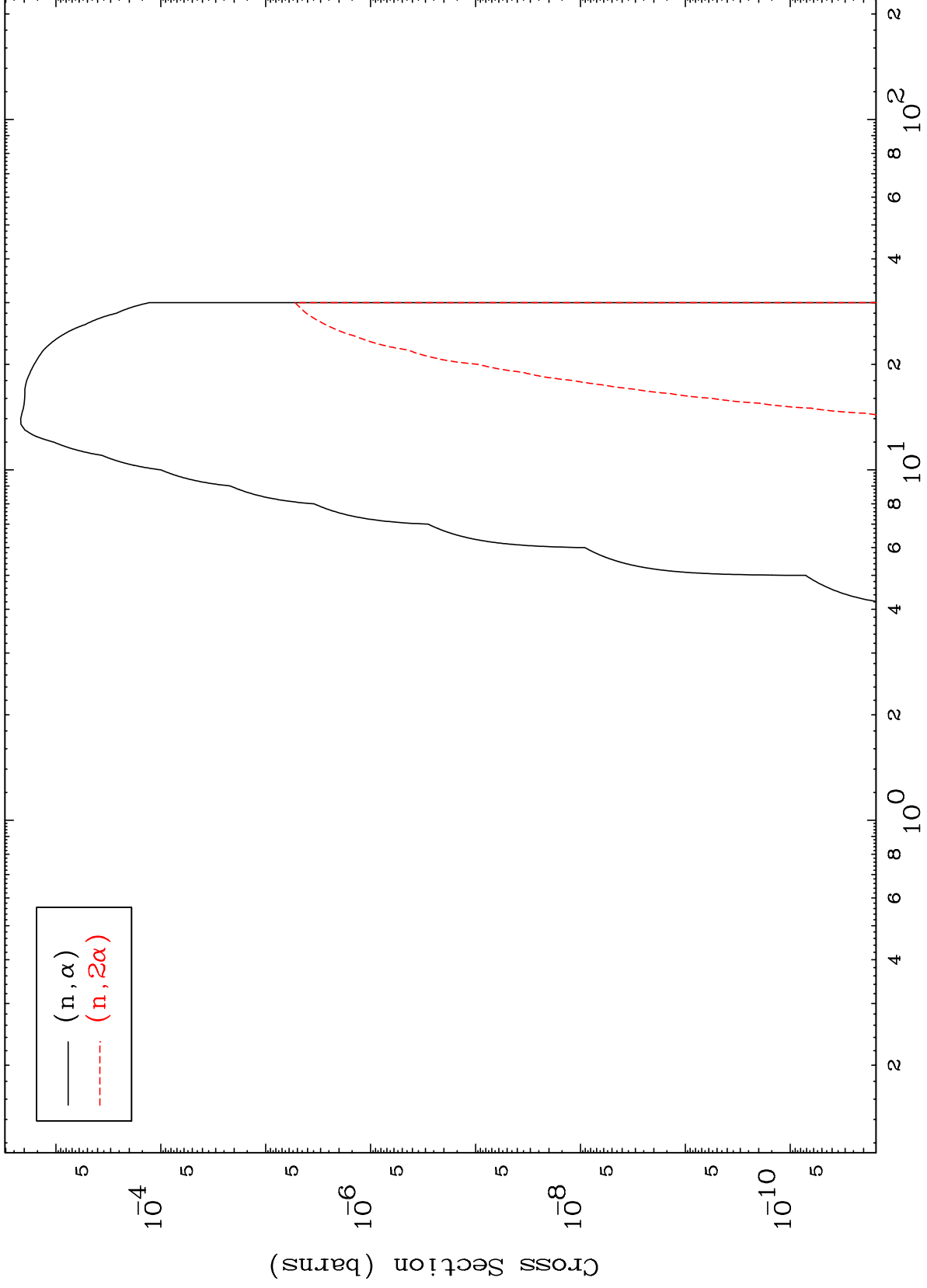
58-Ce-128

MAT 5801

( $\gamma, \alpha$ ) Levels

58-Ce-128

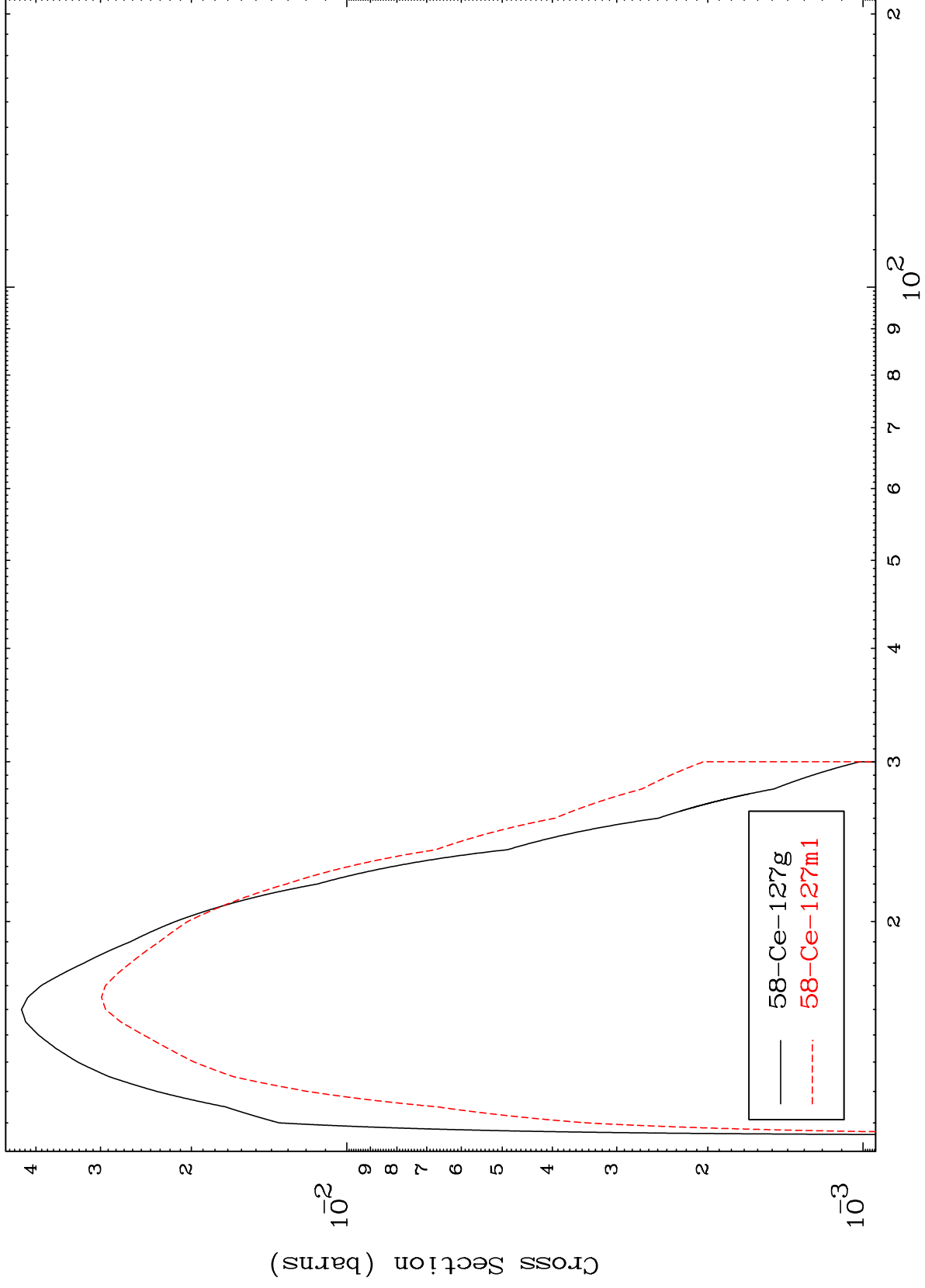
0 Kelvin Cross Sections



MAT 5801

Inelastic  
Radionuclide Production Cross Section

58-Ce-128



12

Incident Energy (MeV)

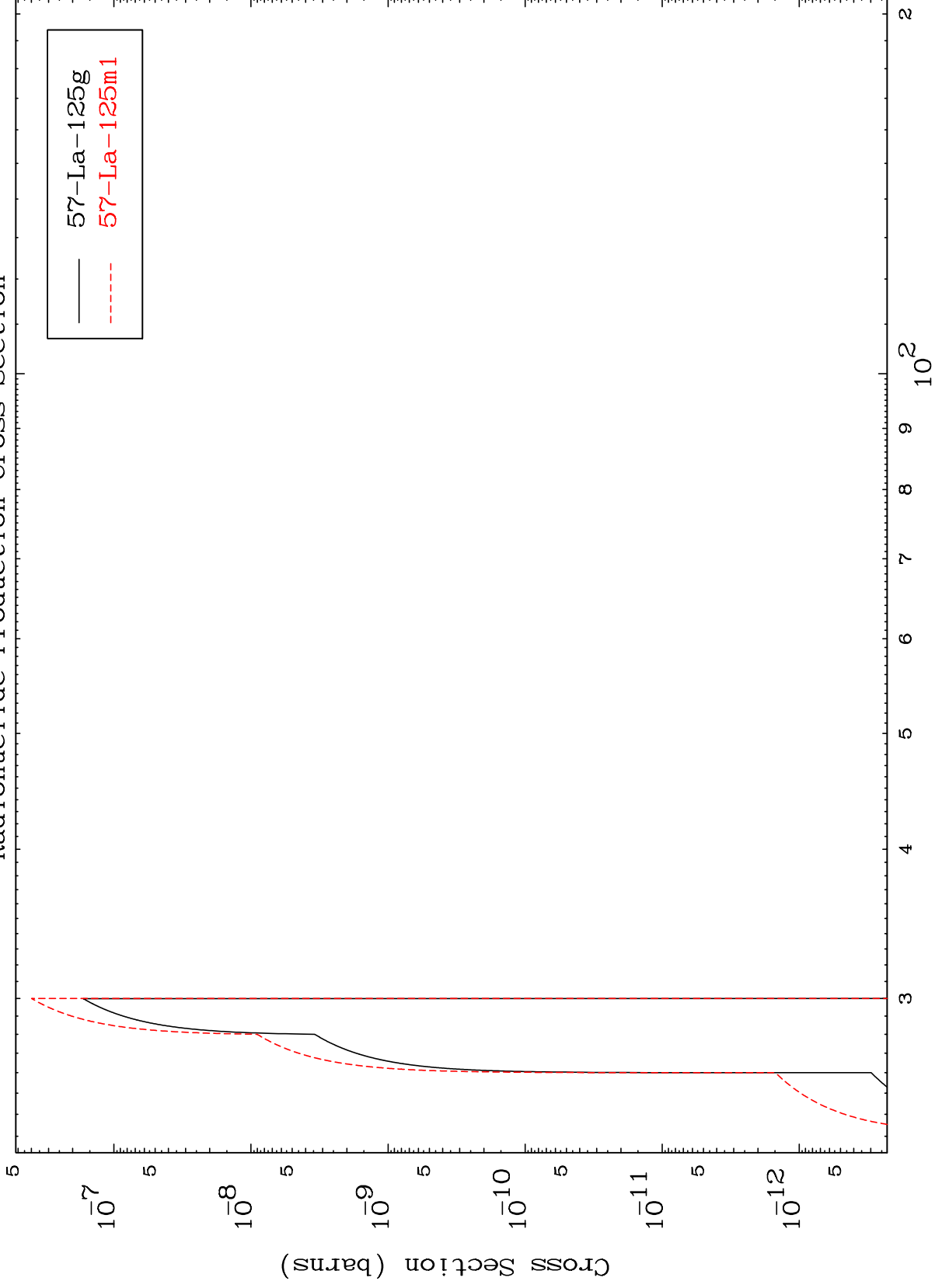
58-Ce-128

MAT 5801

(n,n') d

58-Ce-128

Radionuclide Production Cross Section



13

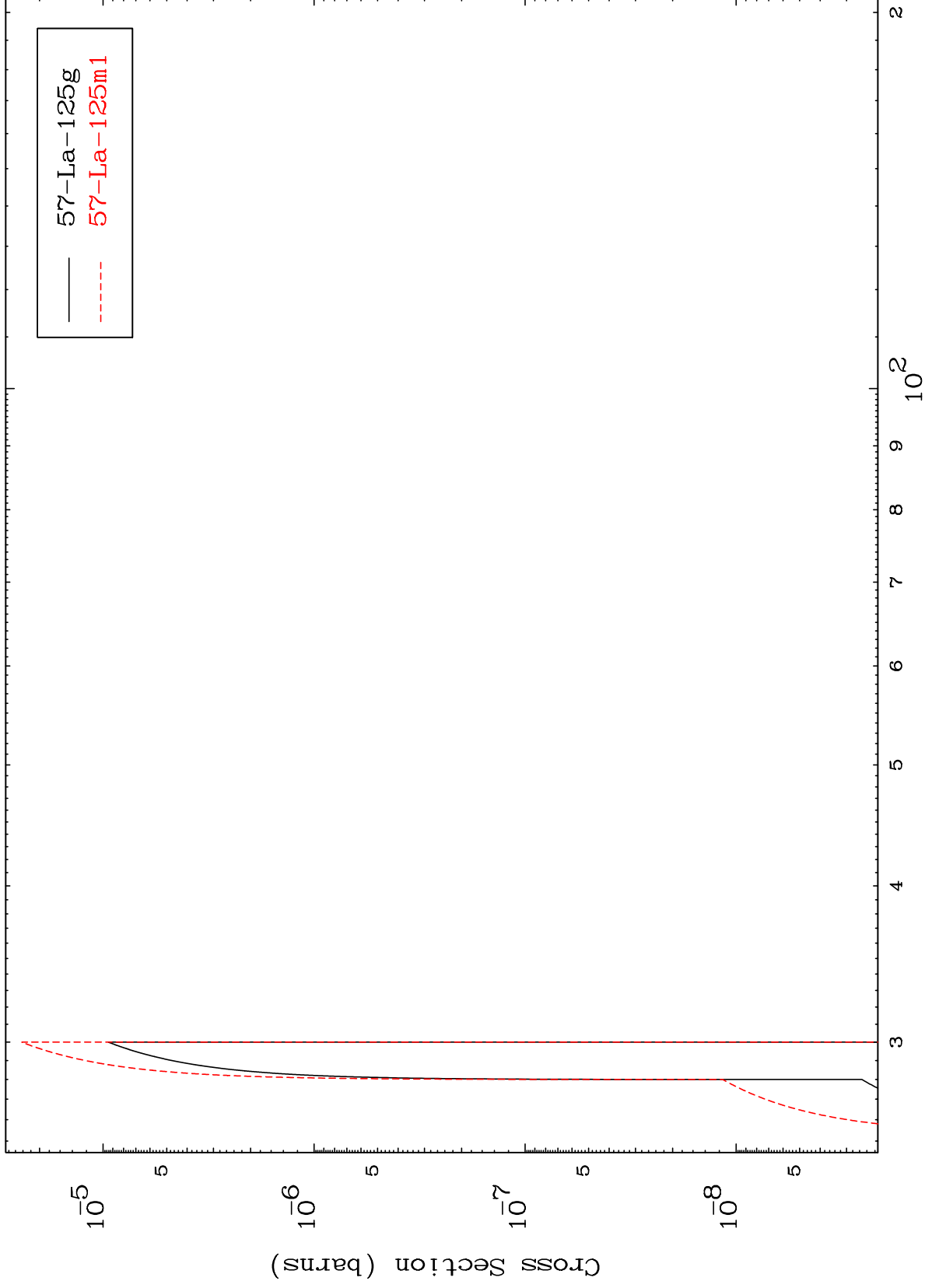
Incident Energy (MeV)

58-Ce-128

MAT 5801

58-Ce-128

(n,2n) p  
Radionuclide Production Cross Section



58-Ce-128

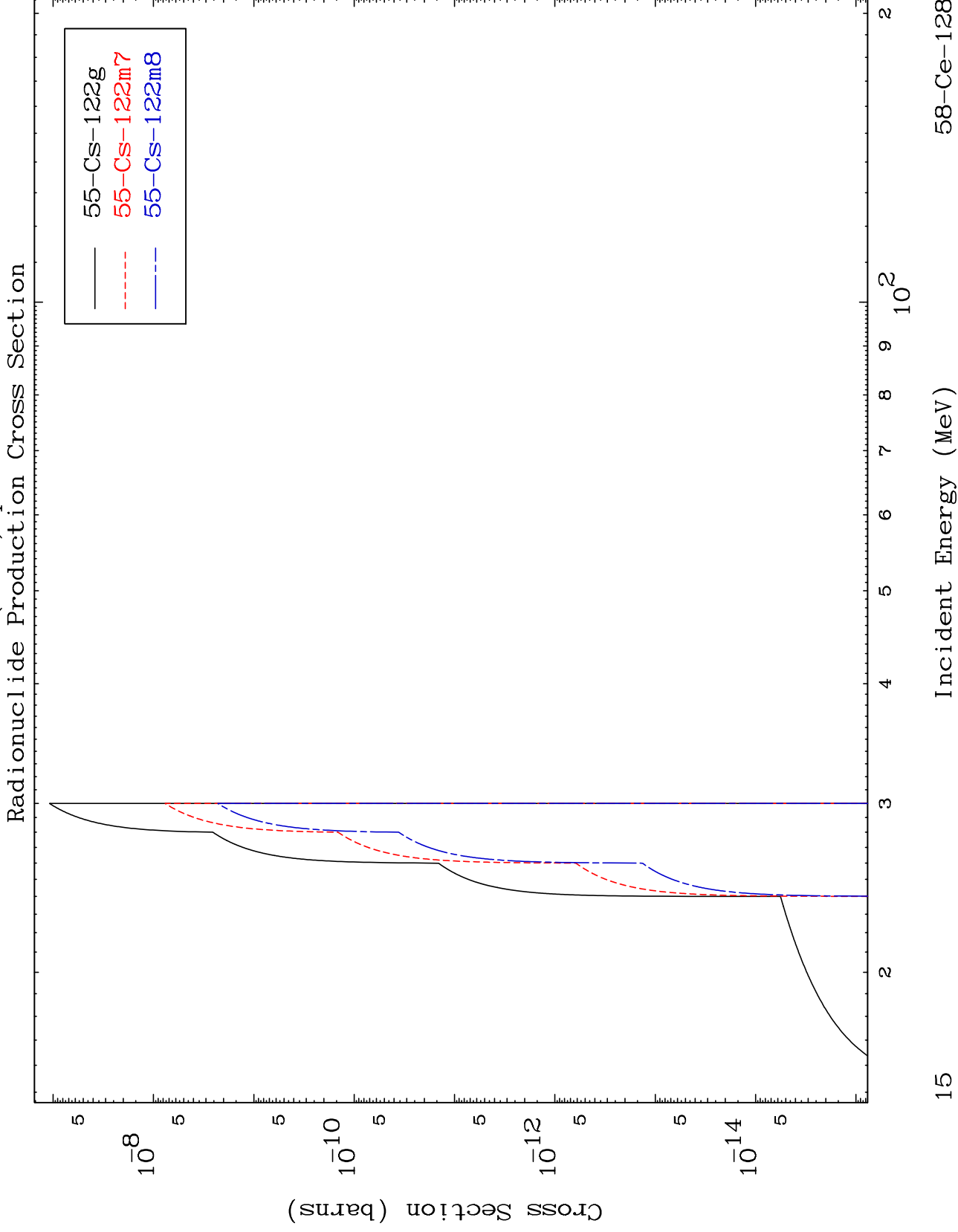
Incident Energy (MeV)

14

MAT 5801

(n,n') p  $\alpha$

58-Ce-128



15

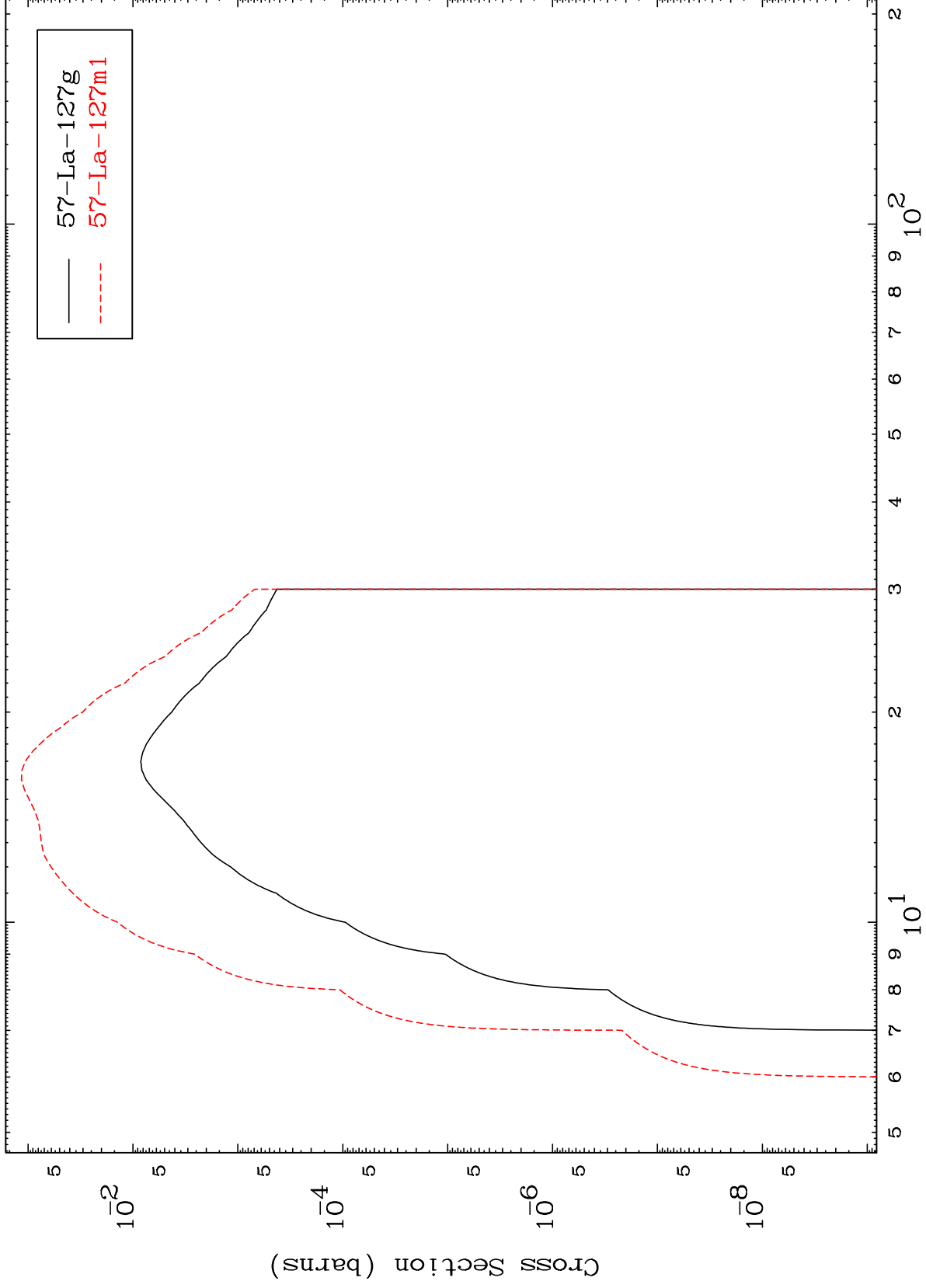
58-Ce-128



MAT 5801

58-Ce-128

(n,p)  
Radionuclide Production Cross Section



16

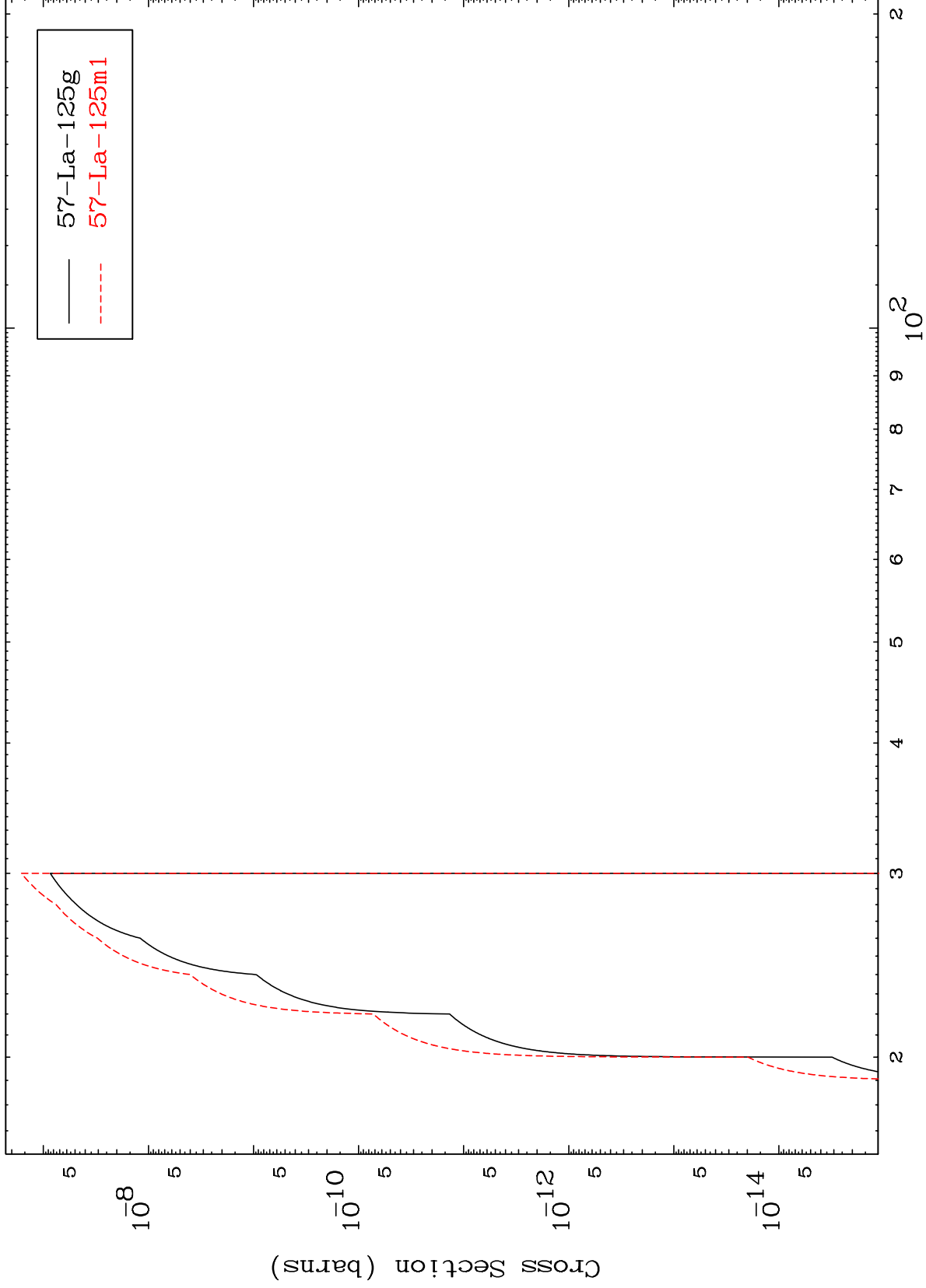
Incident Energy (MeV)

58-Ce-128

MAT 5801

58-Ce-128

(n,t)  
Radionuclide Production Cross Section



17

Incident Energy (MeV)

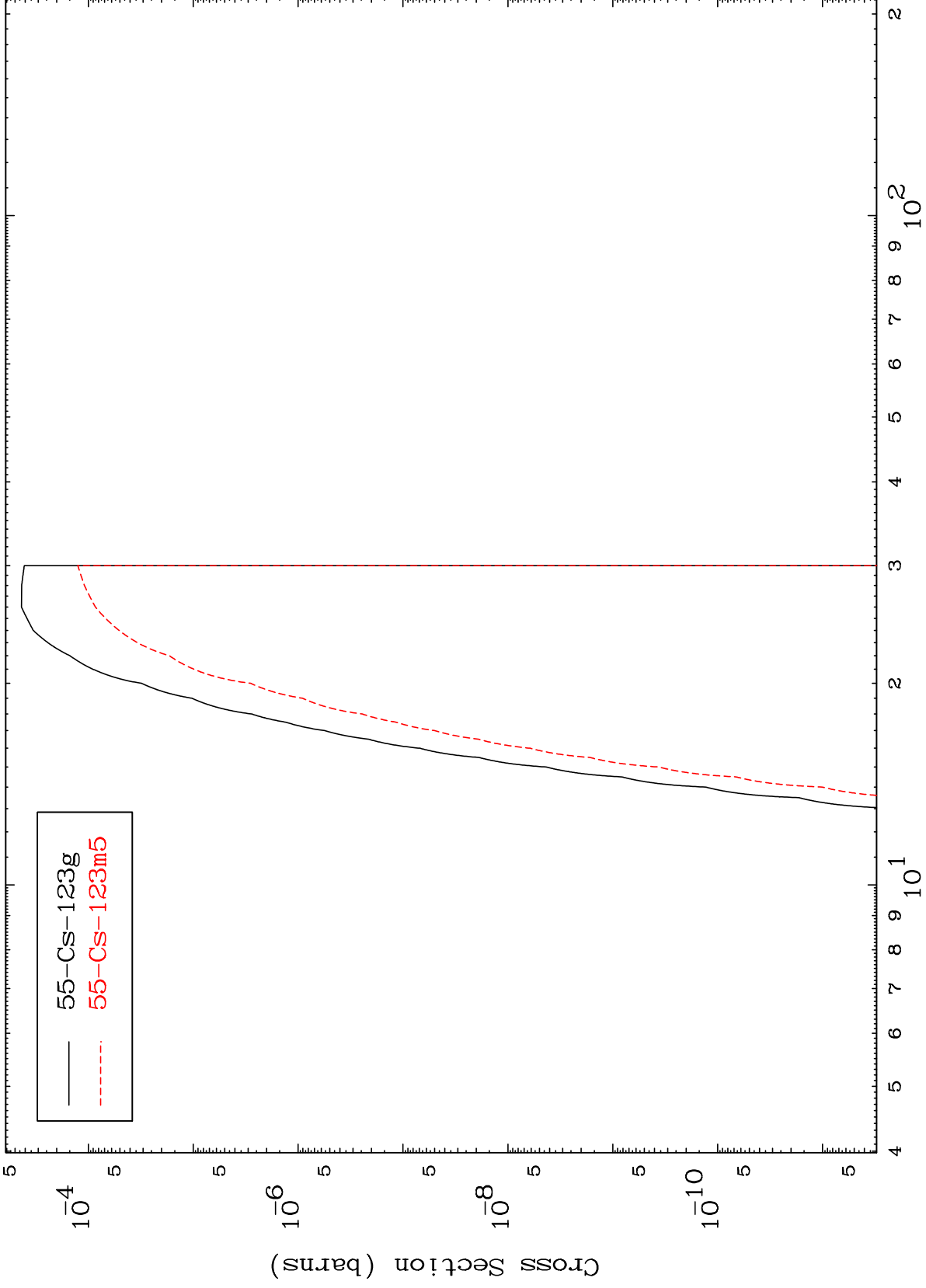
58-Ce-128

MAT 5801

(n,p)  $\alpha$

58-Ce-128

Radionuclide Production Cross Section



55-Cs-123g  
55-Cs-123m5

18

Incident Energy (MeV)

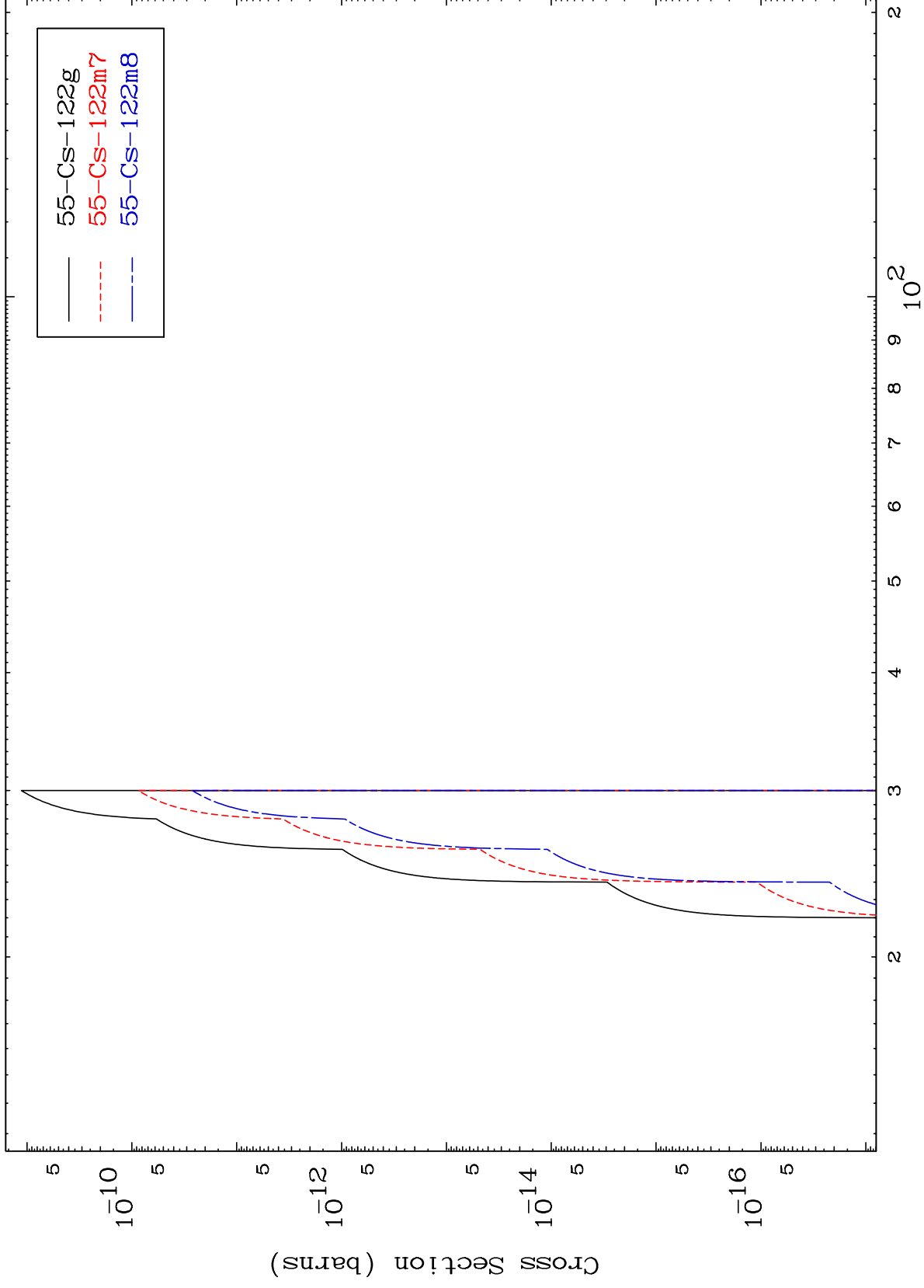
58-Ce-128

MAT 5801

(n,d)  $\alpha$

58-Ce-128

Radionuclide Production Cross Section



19

Incident Energy (MeV)

58-Ce-128