

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

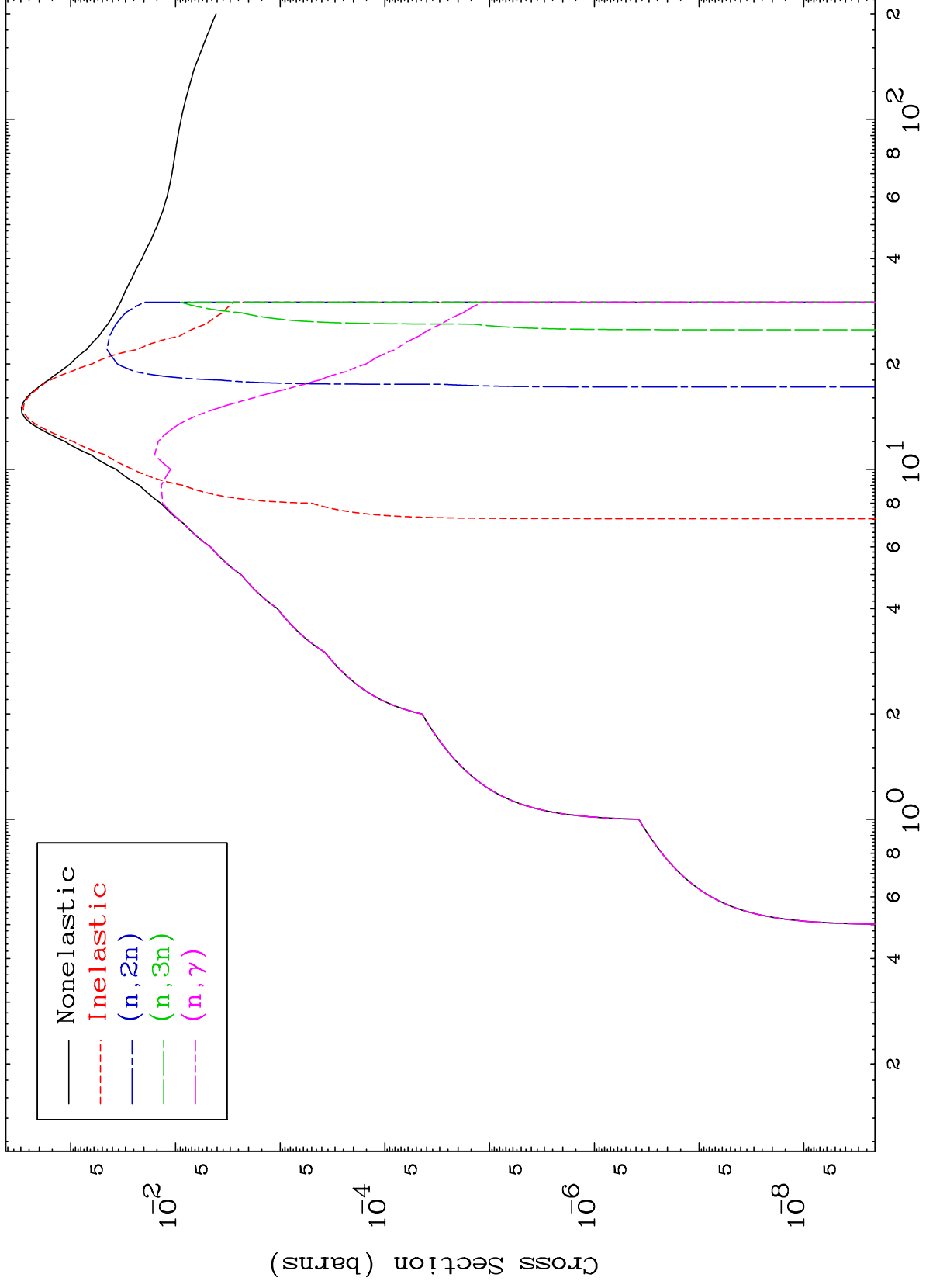
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5829

0 Kelvin Major

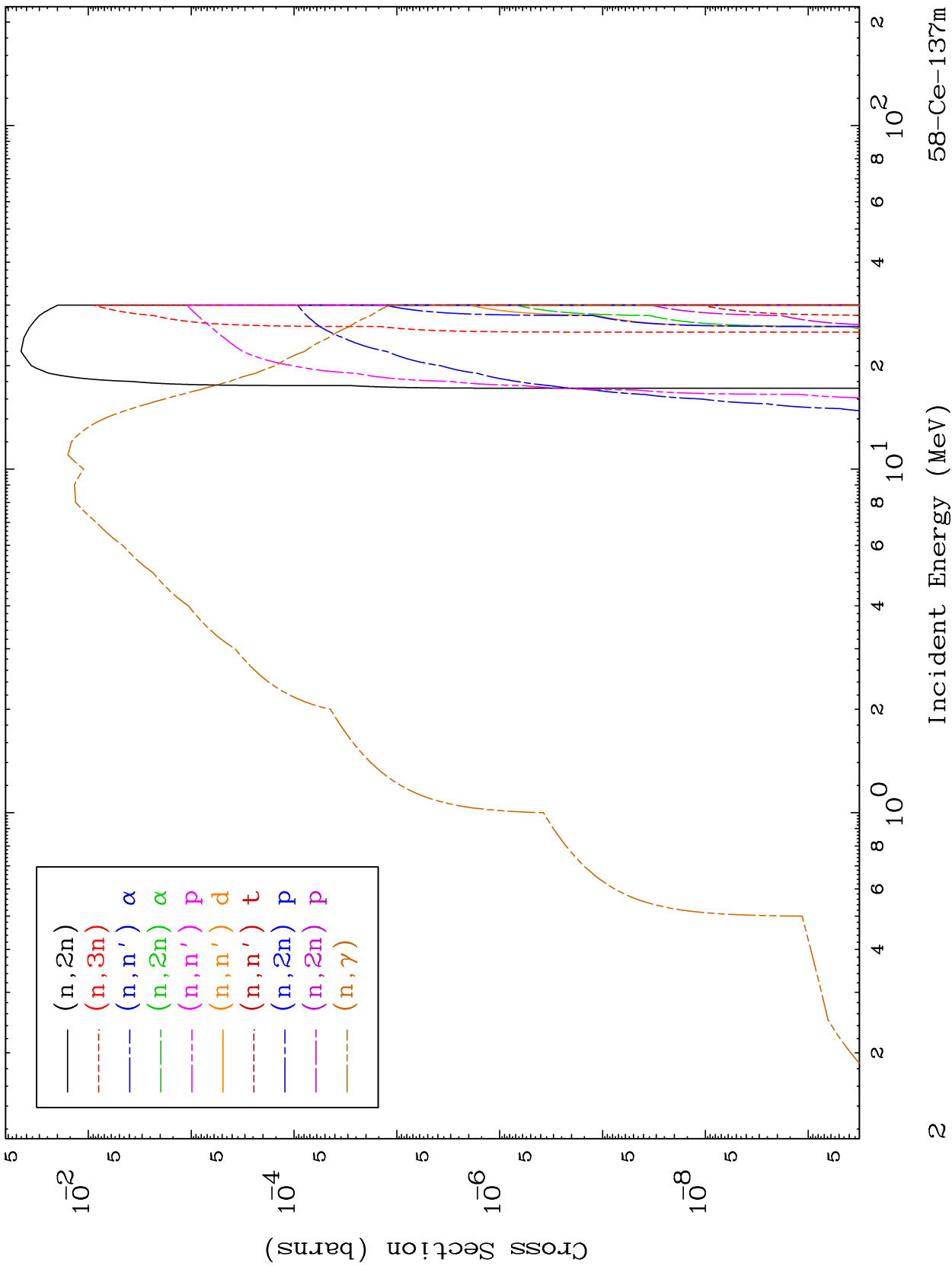
58-Ce-137m



MAT 5829

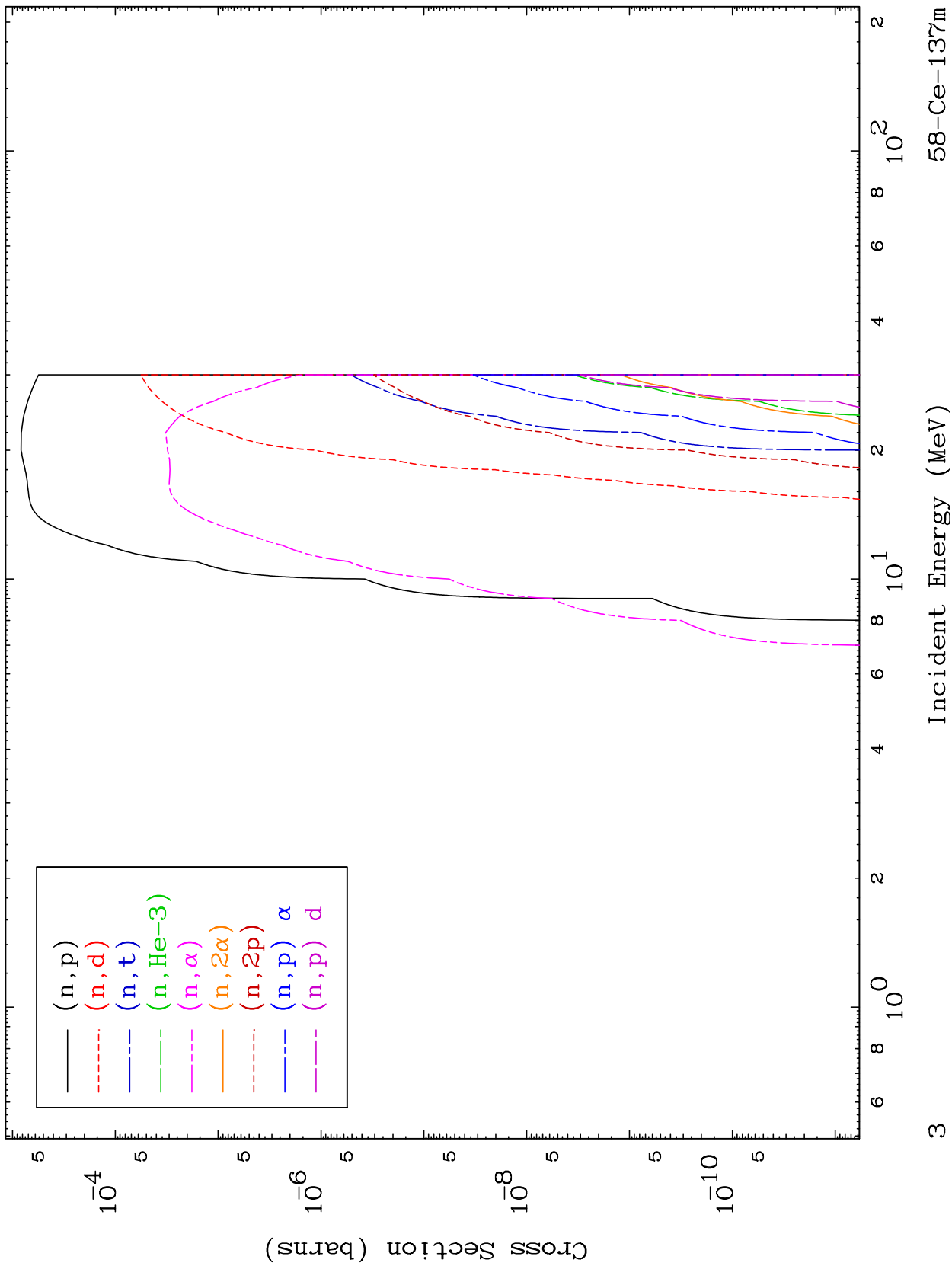
Photon Neutron Absorption  
0 Kelvin Cross Sections

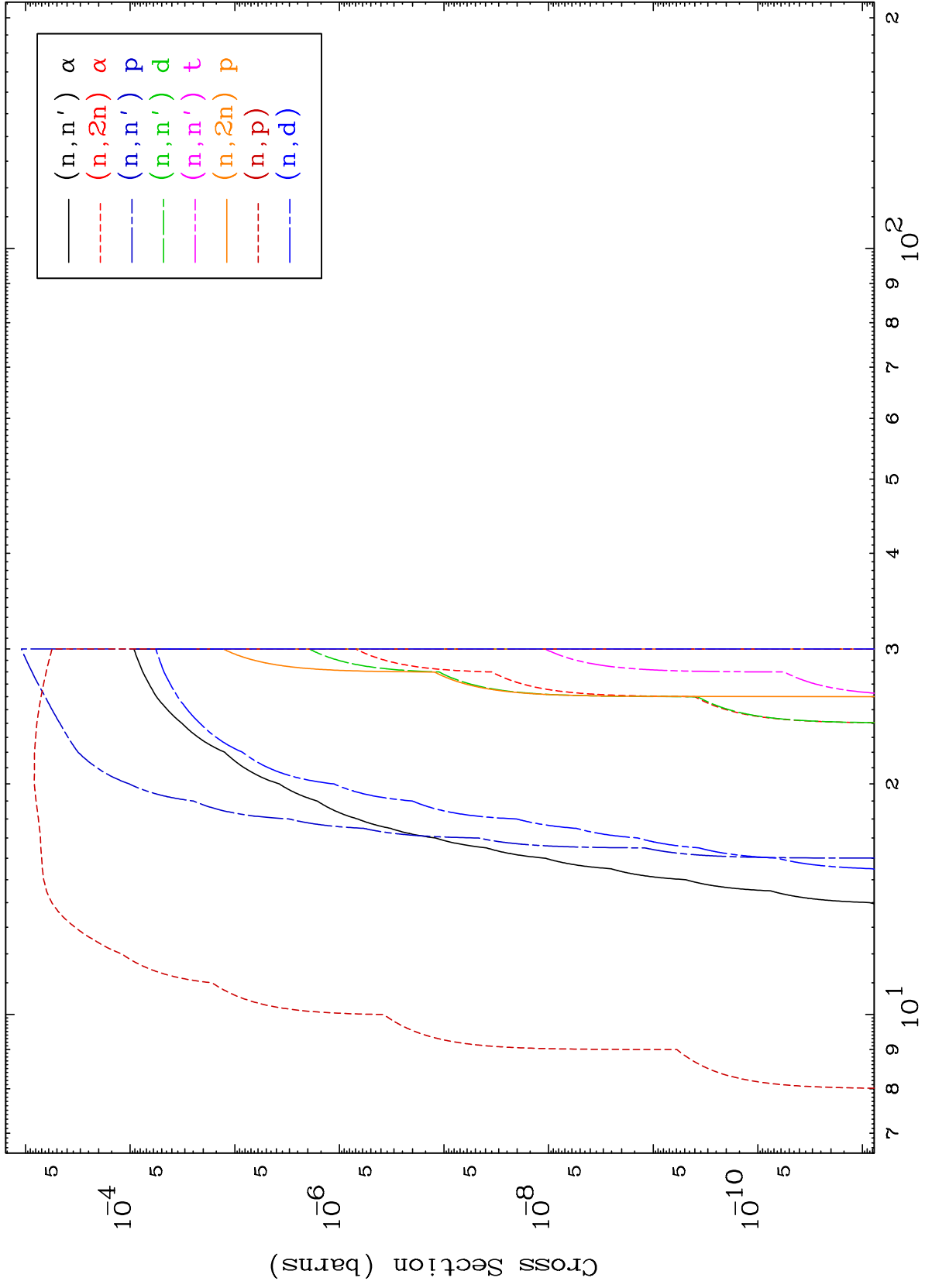
58-Ce-137m



58-Ce-137m

Incident Energy (MeV)

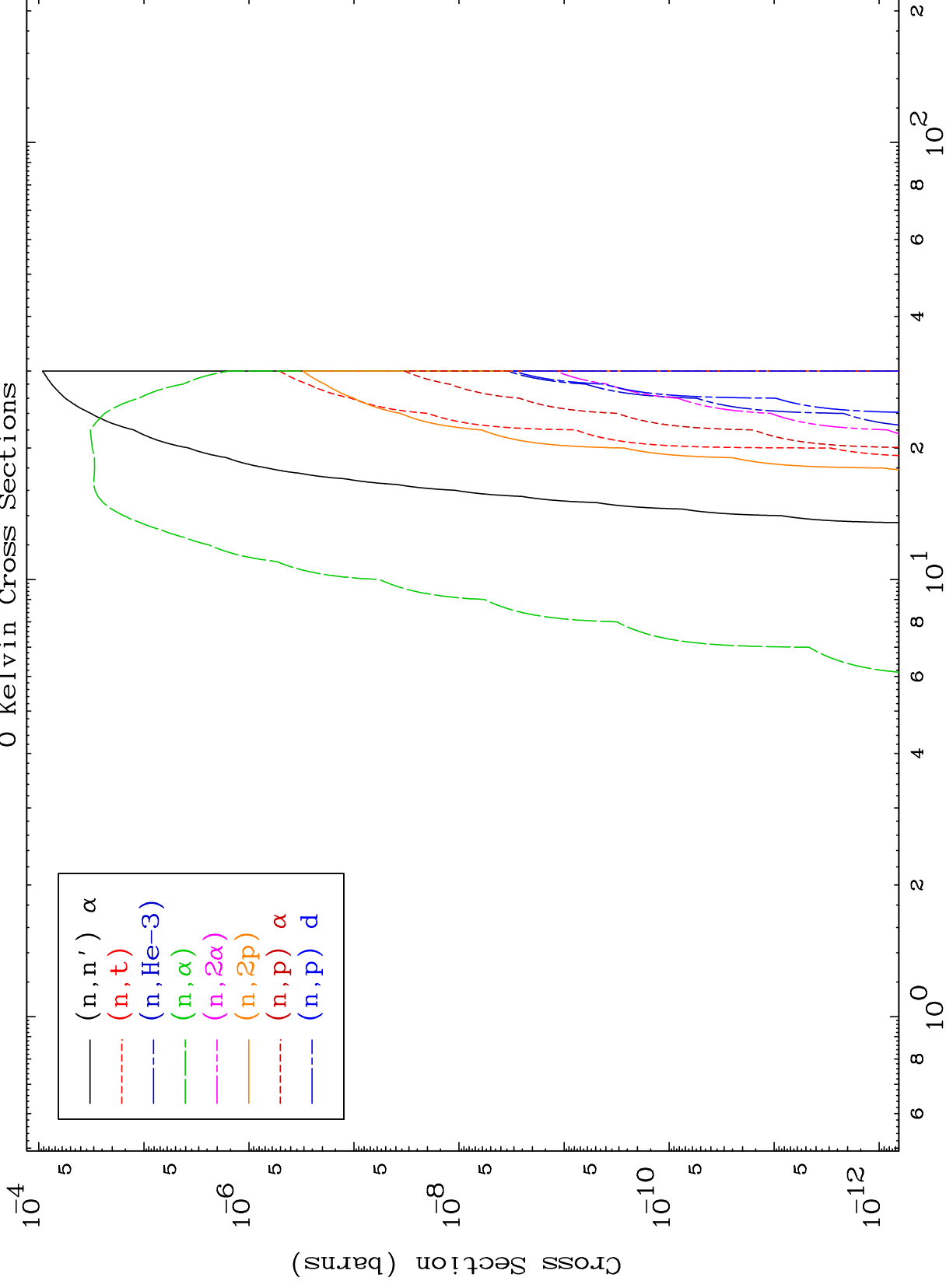




MAT 5829

Photon Charged Particle  
0 Kelvin Cross Sections

58-Ce-137m



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Incident Energy (MeV)

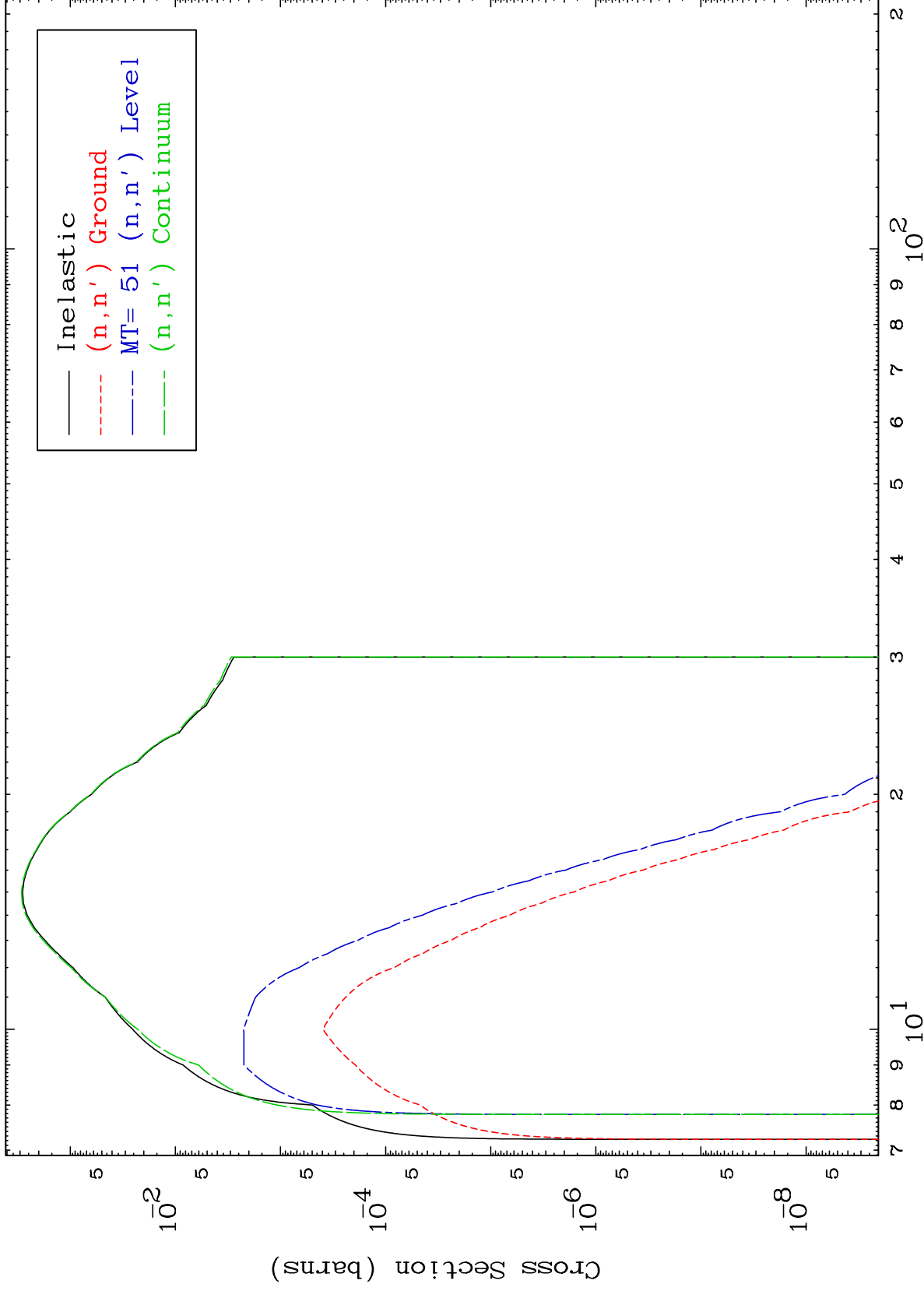
58-Ce-137m

MAT 5829

( $\gamma, n'$ ) Levels

58-Ce-137m

0 Kelvin Cross Sections



Incident Energy (MeV)

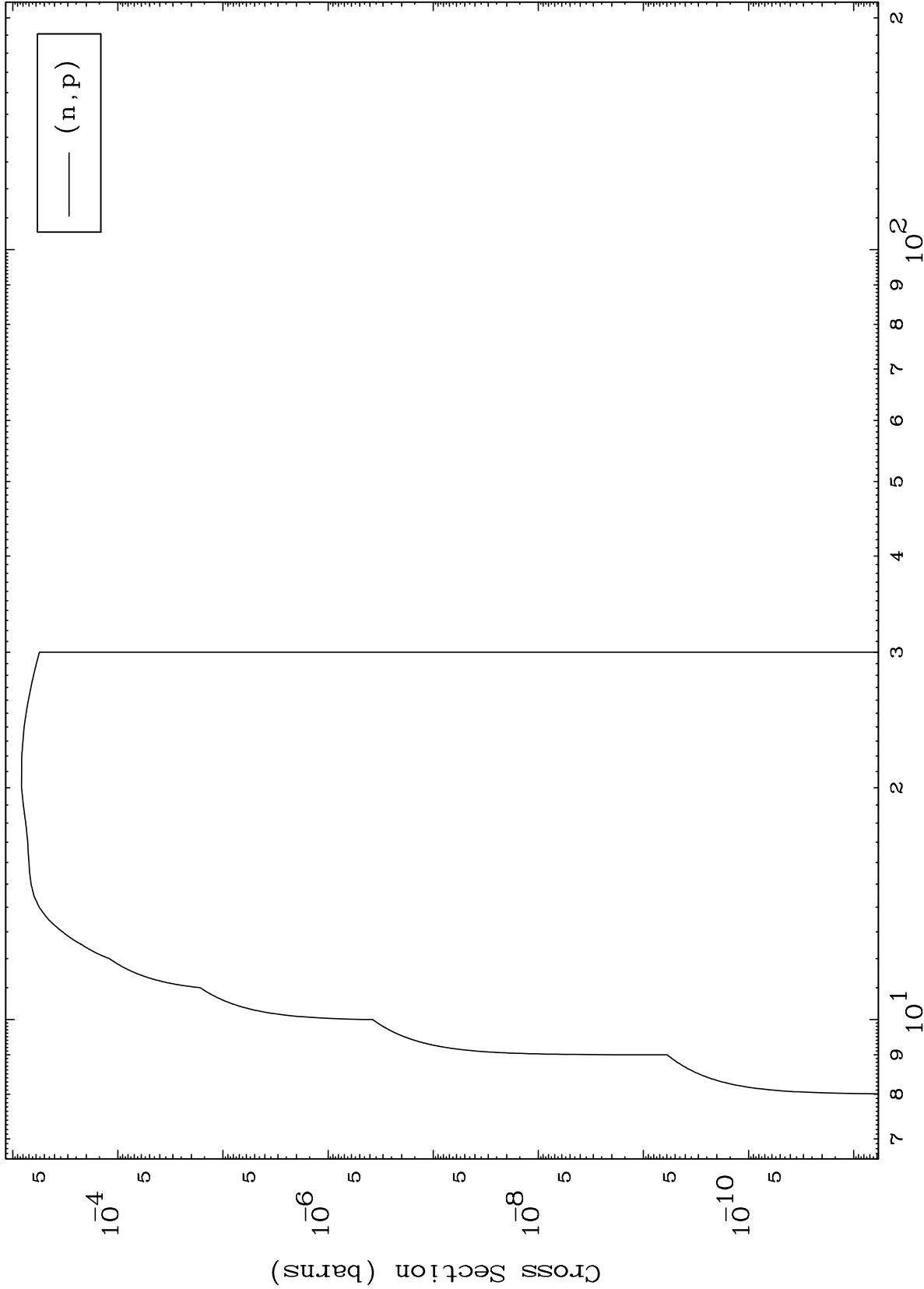
58-Ce-137m

6

MAT 5829

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

58-Ce-137m



7

Incident Energy (MeV)

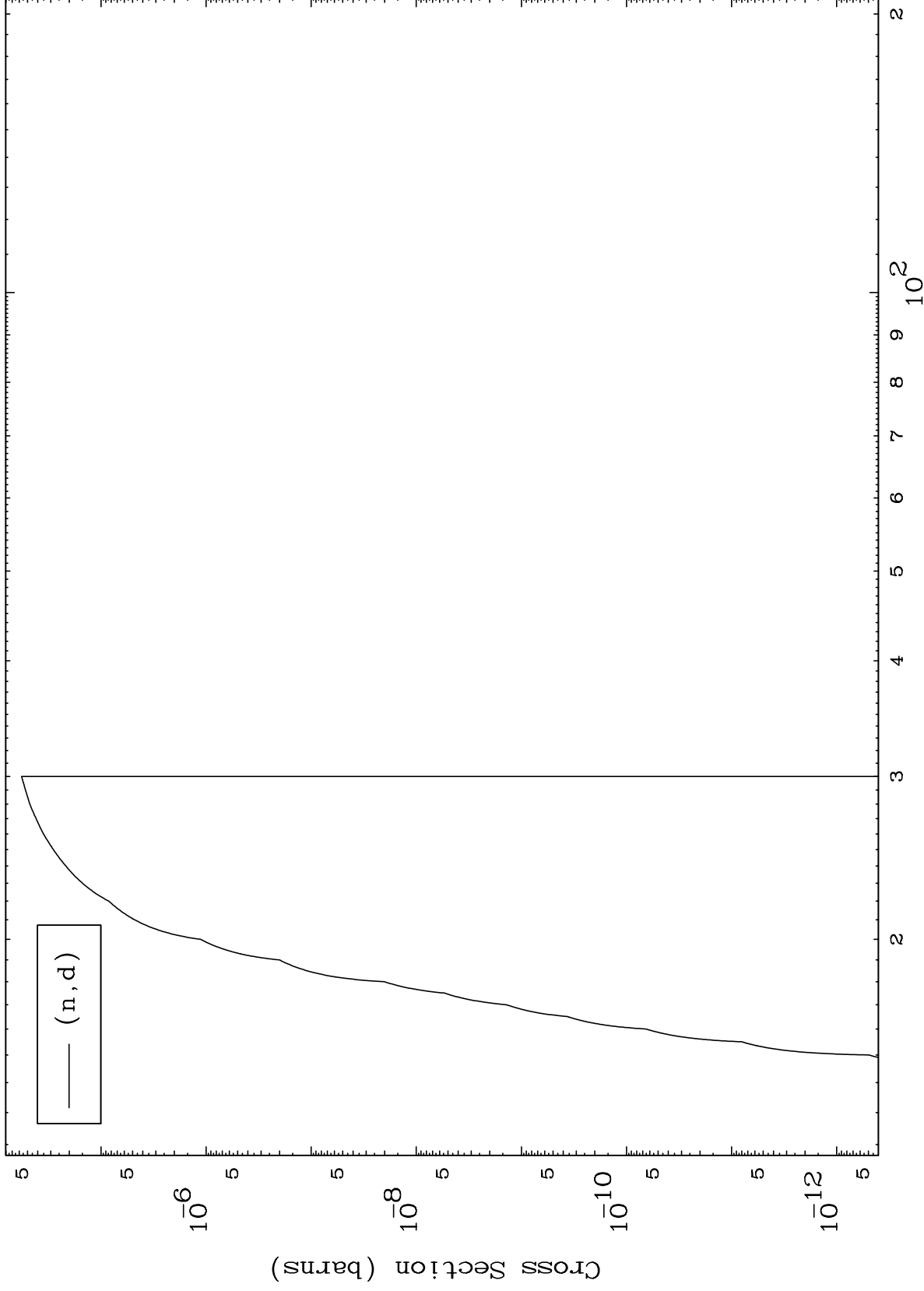
58-Ce-137m



MAT 5829

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

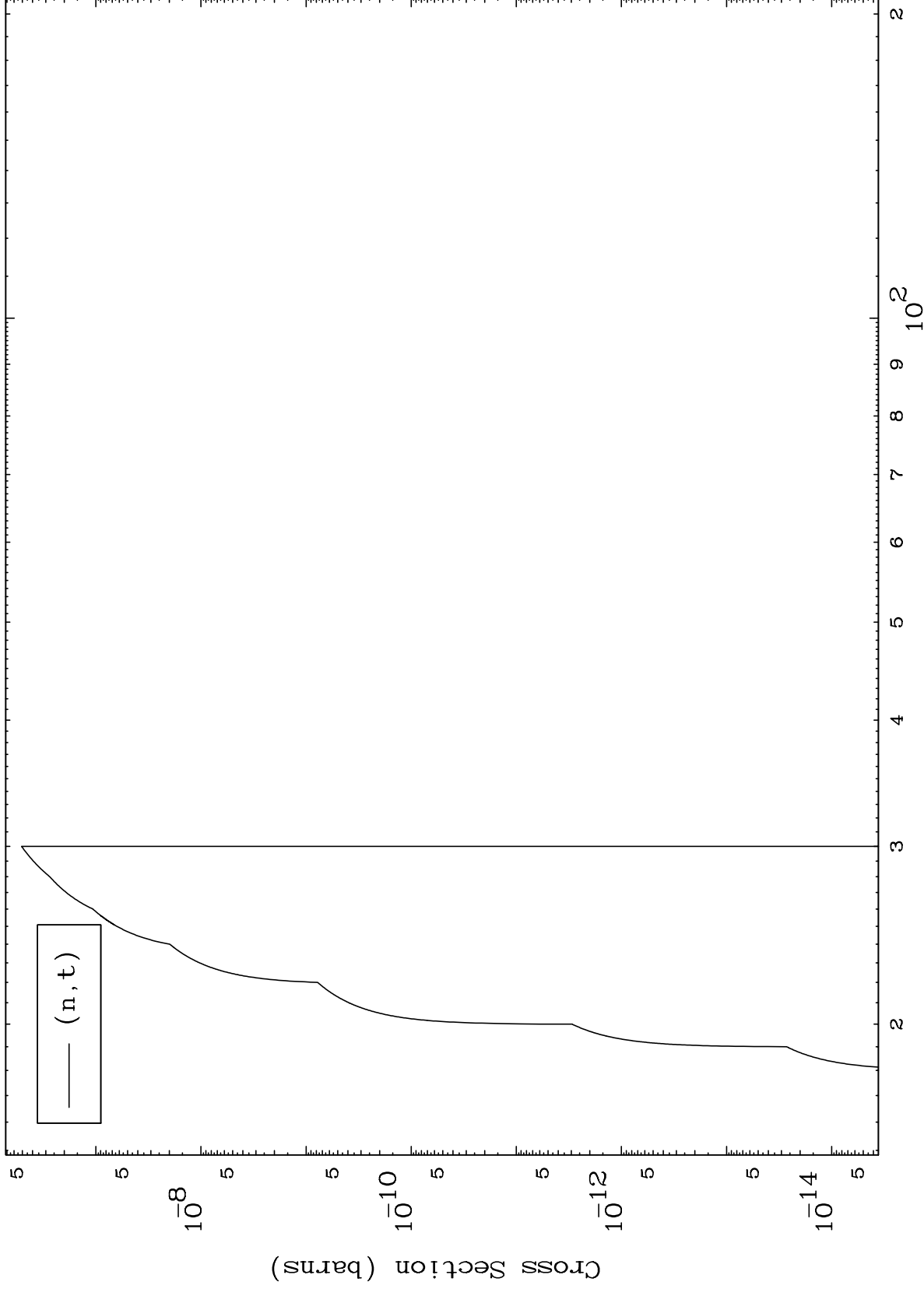
58-Ce-137m



8

Incident Energy (MeV)

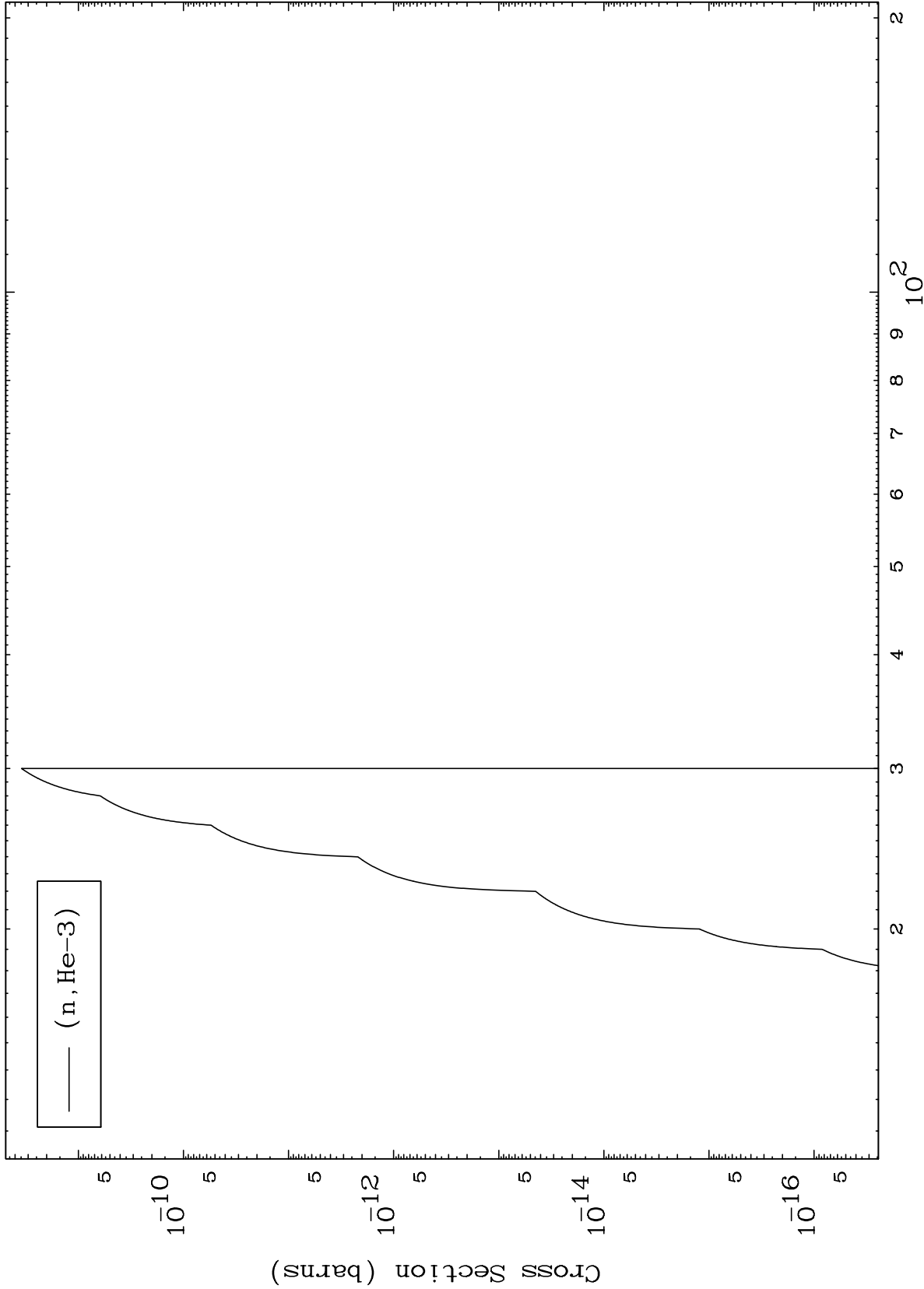
58-Ce-137m



MAT 5829

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

58-Ce-137m



10

Incident Energy (MeV)

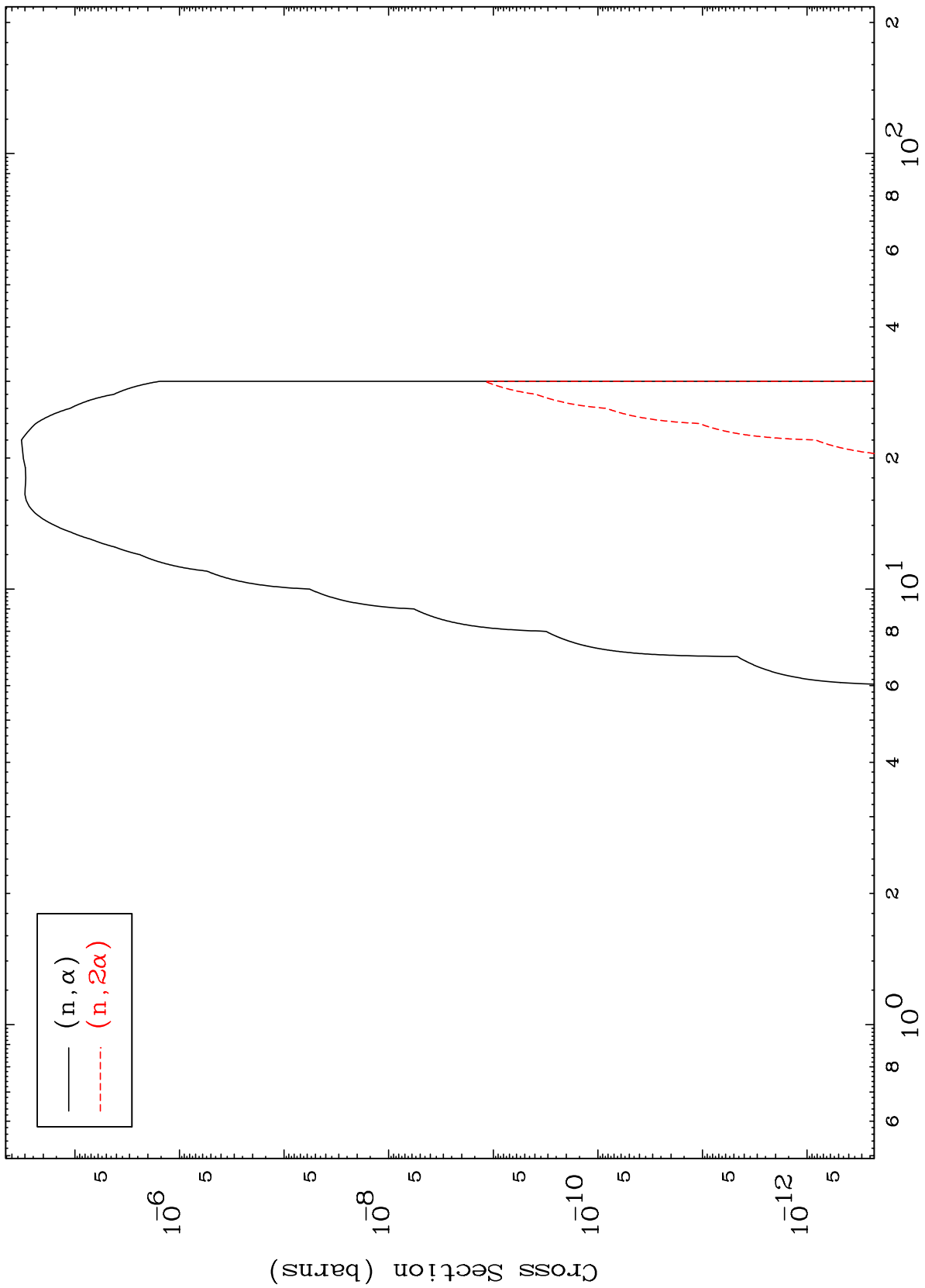
58-Ce-137m

MAT 5829

( $\gamma, \alpha$ ) Levels

58-Ce-137m

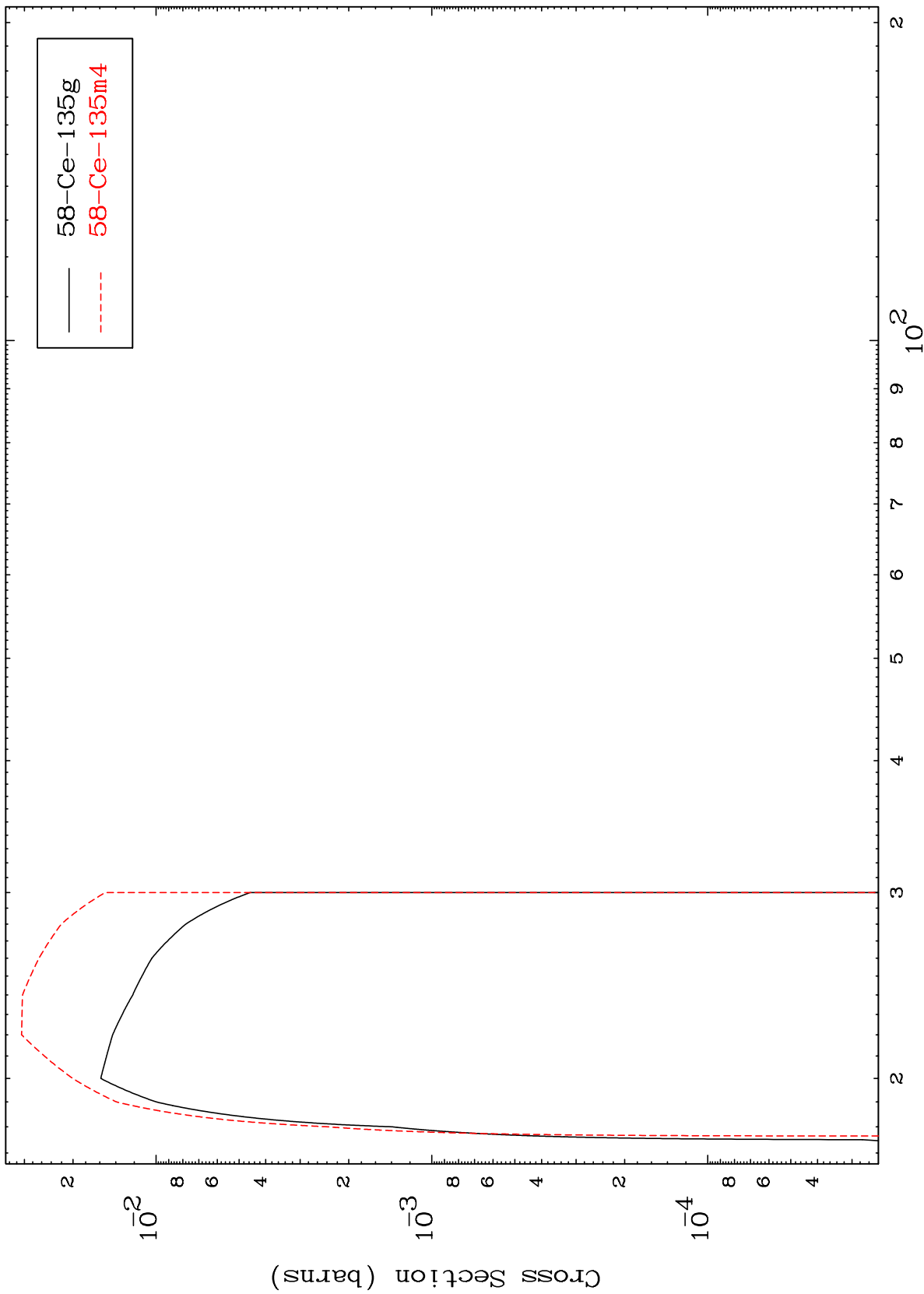
0 Kelvin Cross Sections



MAT 5829

58-Ce-137m

(n,2n)  
Radionuclide Production Cross Section



12

Incident Energy (MeV)

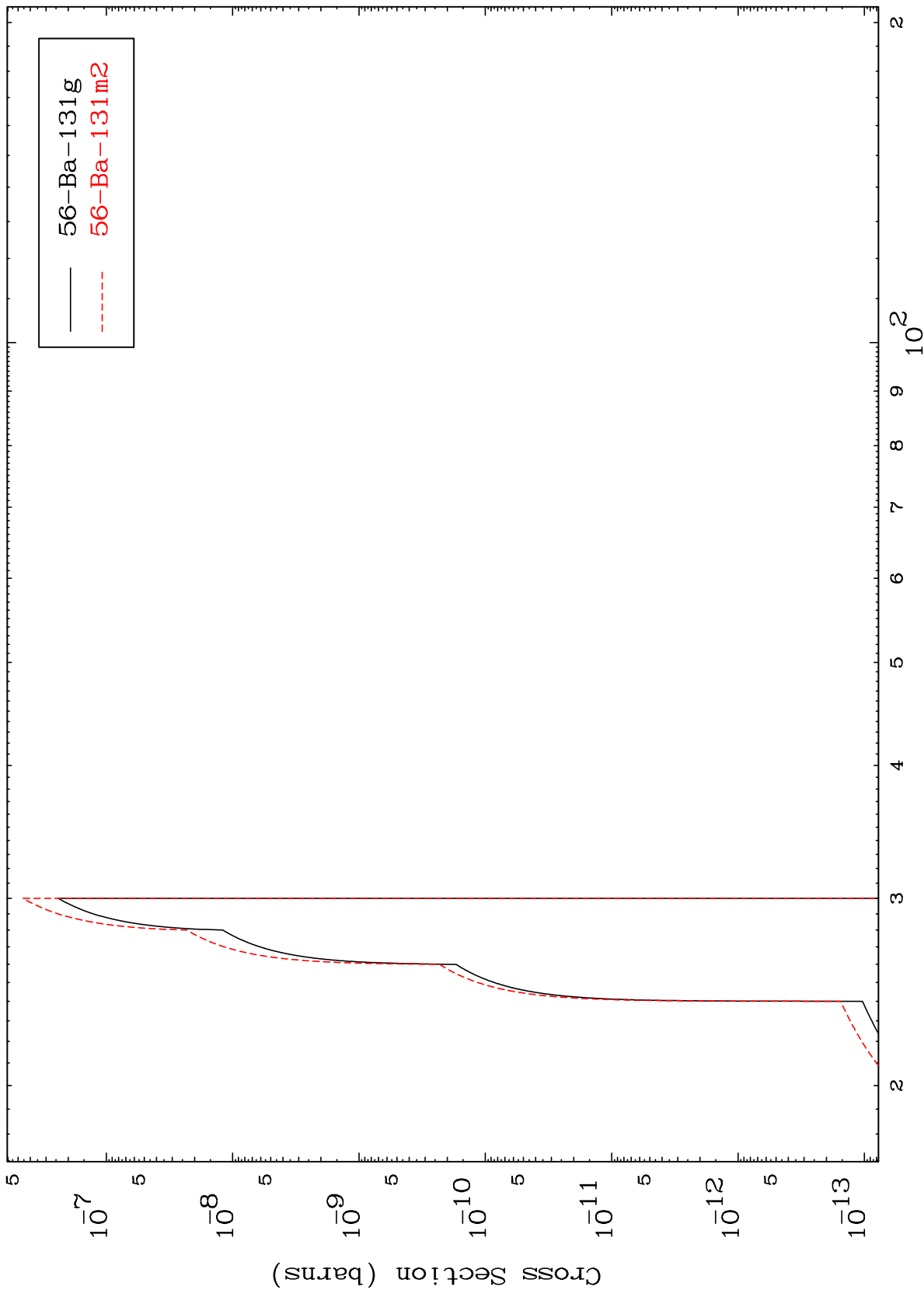
58-Ce-137m

MAT 5829

(n,2n)  $\alpha$

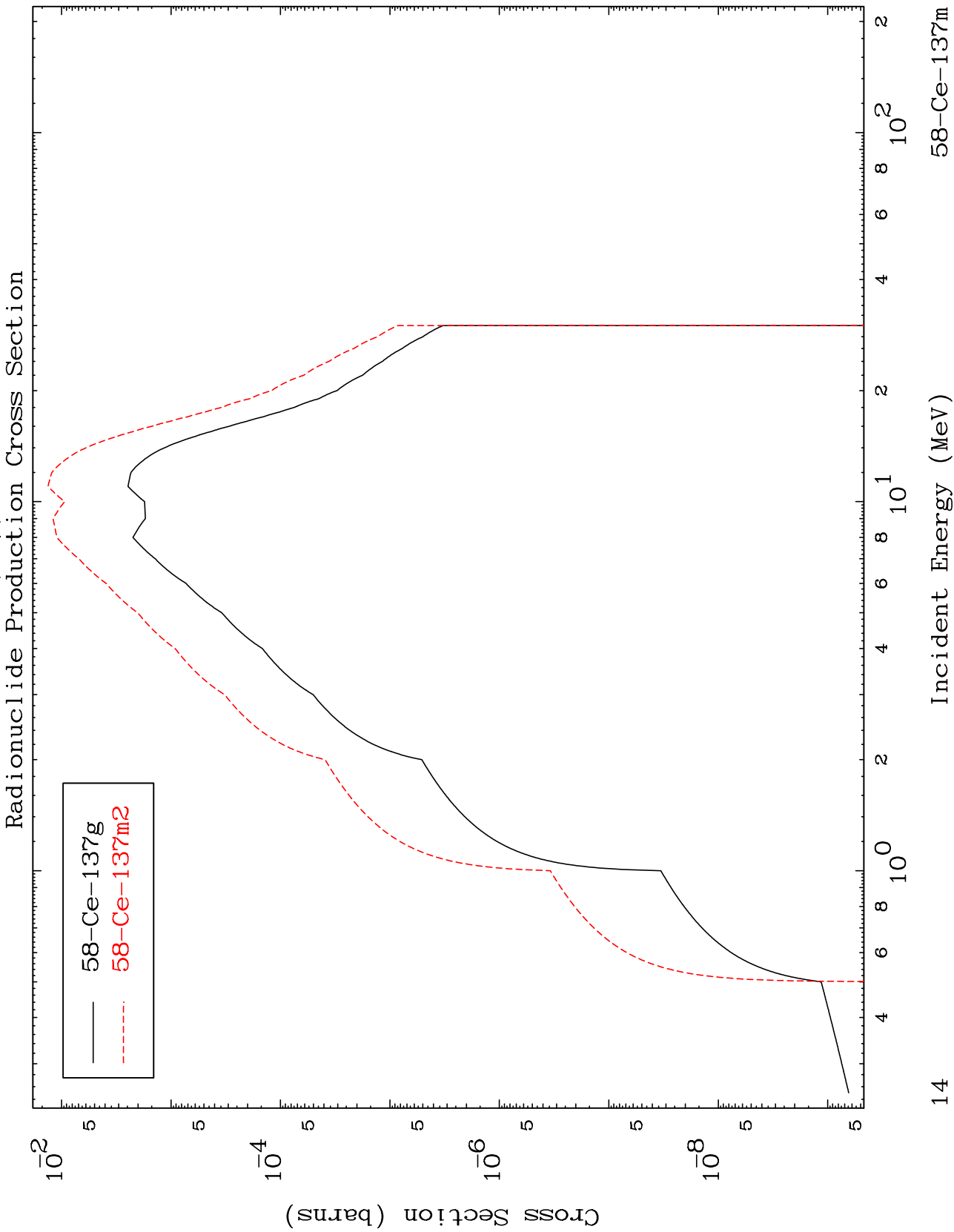
58-Ce-137m

Radionuclide Production Cross Section



MAT 5829

58-Ce-137m

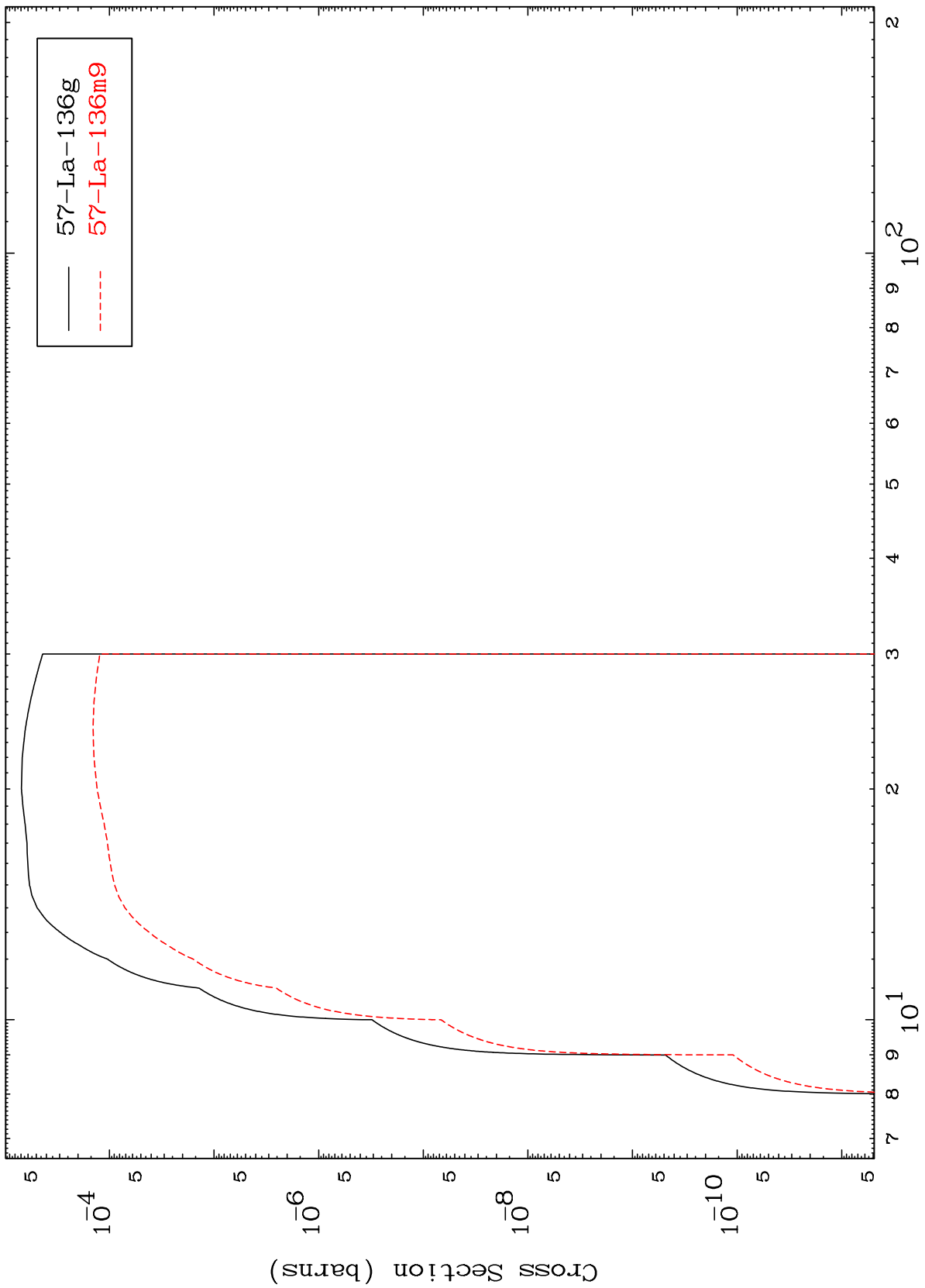


— 58-Ce-137g  
- - - 58-Ce-137m2

MAT 5829

58-Ce-137m

(n,p)  
Radionuclide Production Cross Section



15

Incident Energy (MeV)

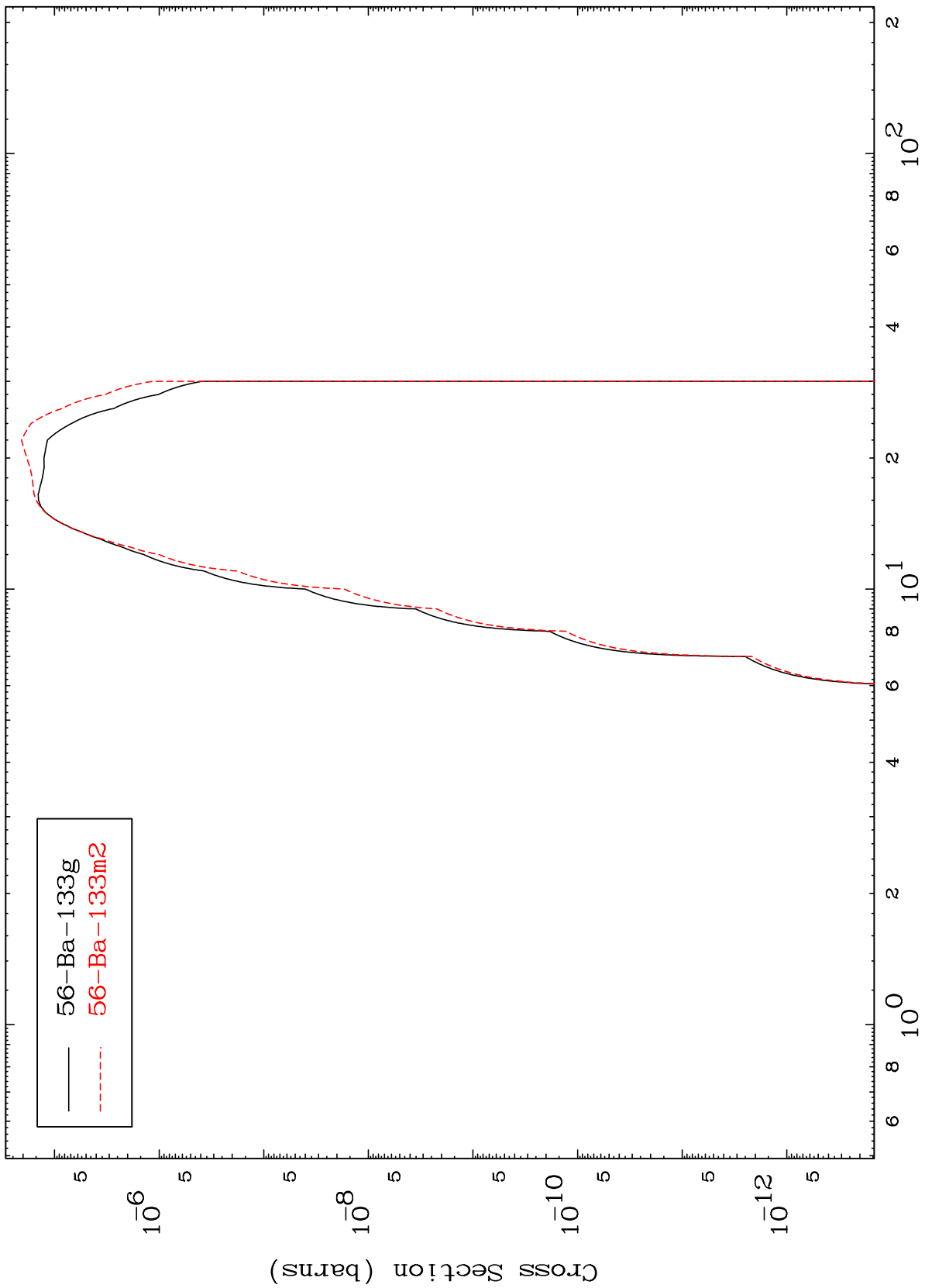
58-Ce-137m



MAT 5829

58-Ce-137m

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



16

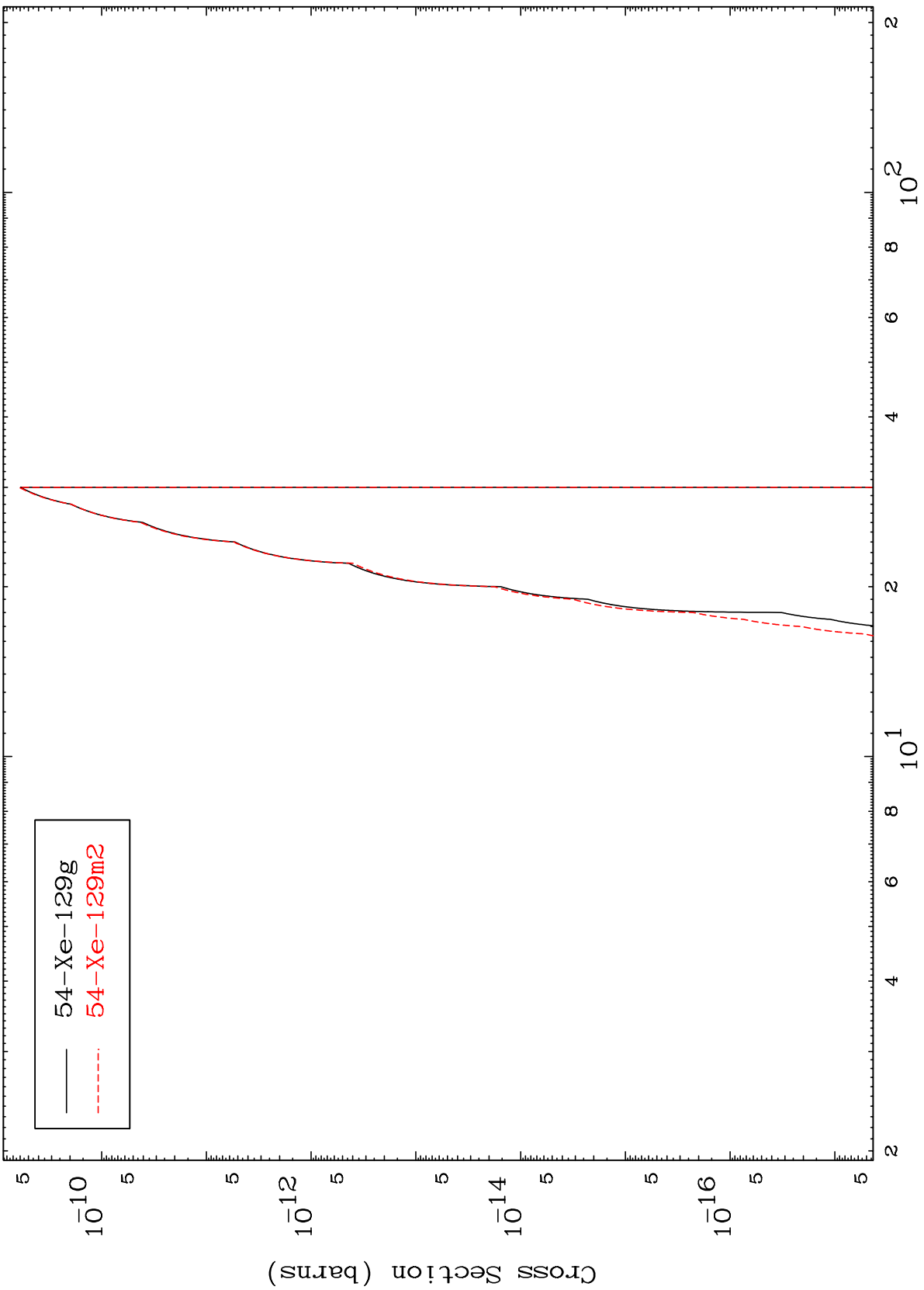
58-Ce-137m

Incident Energy (MeV)

MAT 5829

58-Ce-137m

(n,2α)  
Radionuclide Production Cross Section



58-Ce-137m

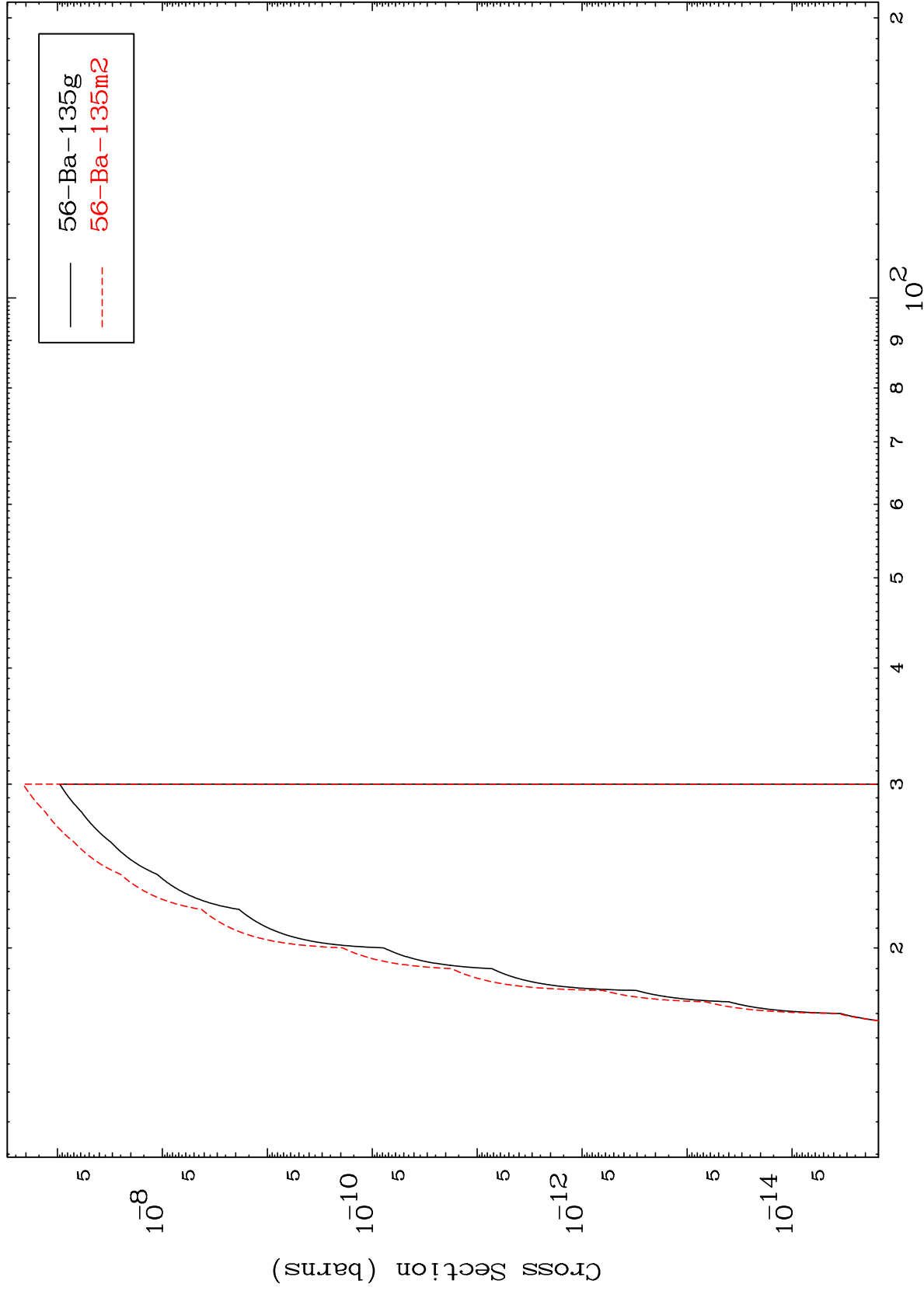
Incident Energy (MeV)

17

MAT 5829

58-Ce-137m

(n,2p)  
Radionuclide Production Cross Section



18

Incident Energy (MeV)

58-Ce-137m