

Program EVALPLOT  
(Version 2021-1)

by

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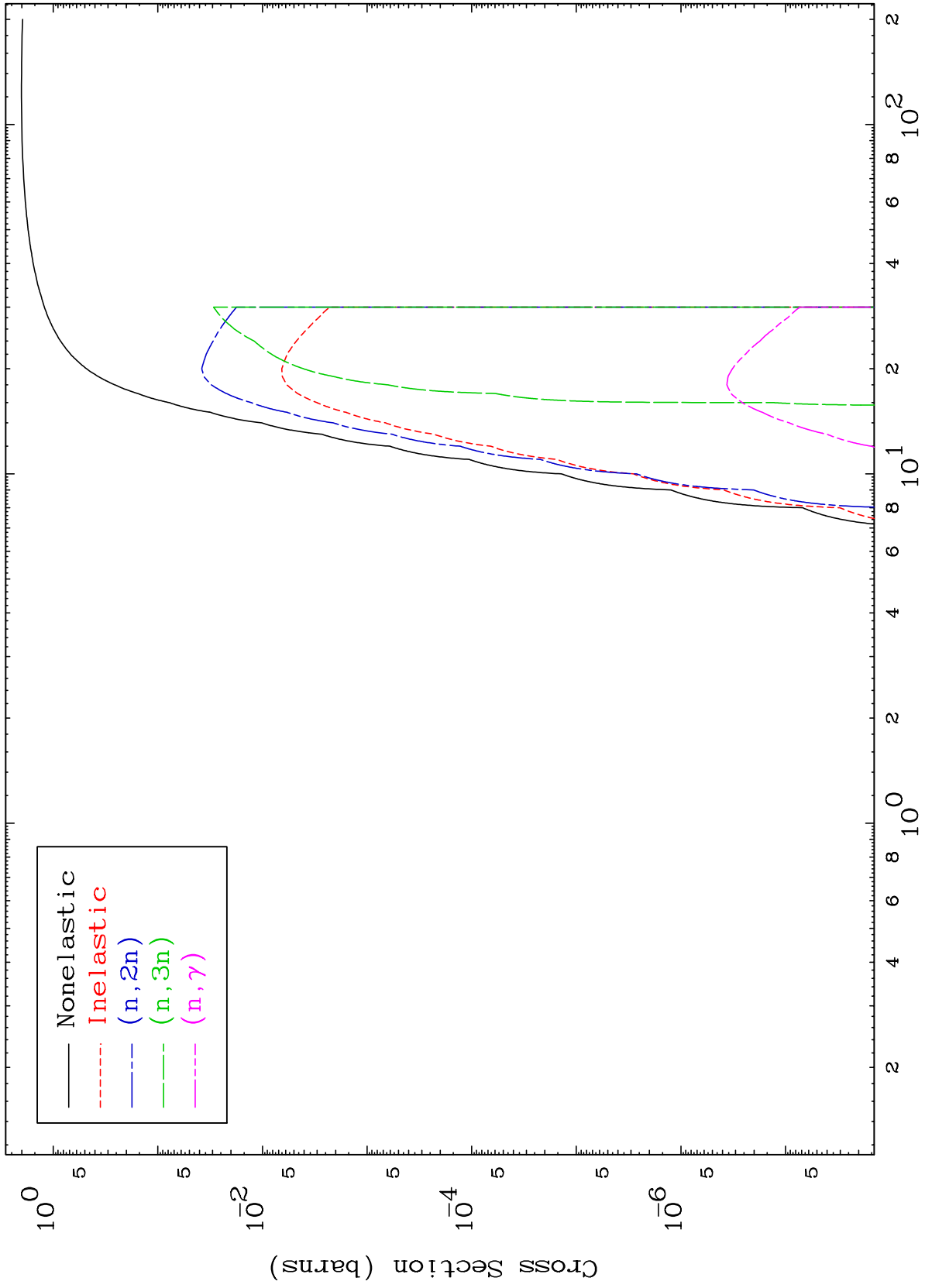
Press Mouse Button to Start

MAT 5829

He-3 Major

58-Ce-137m

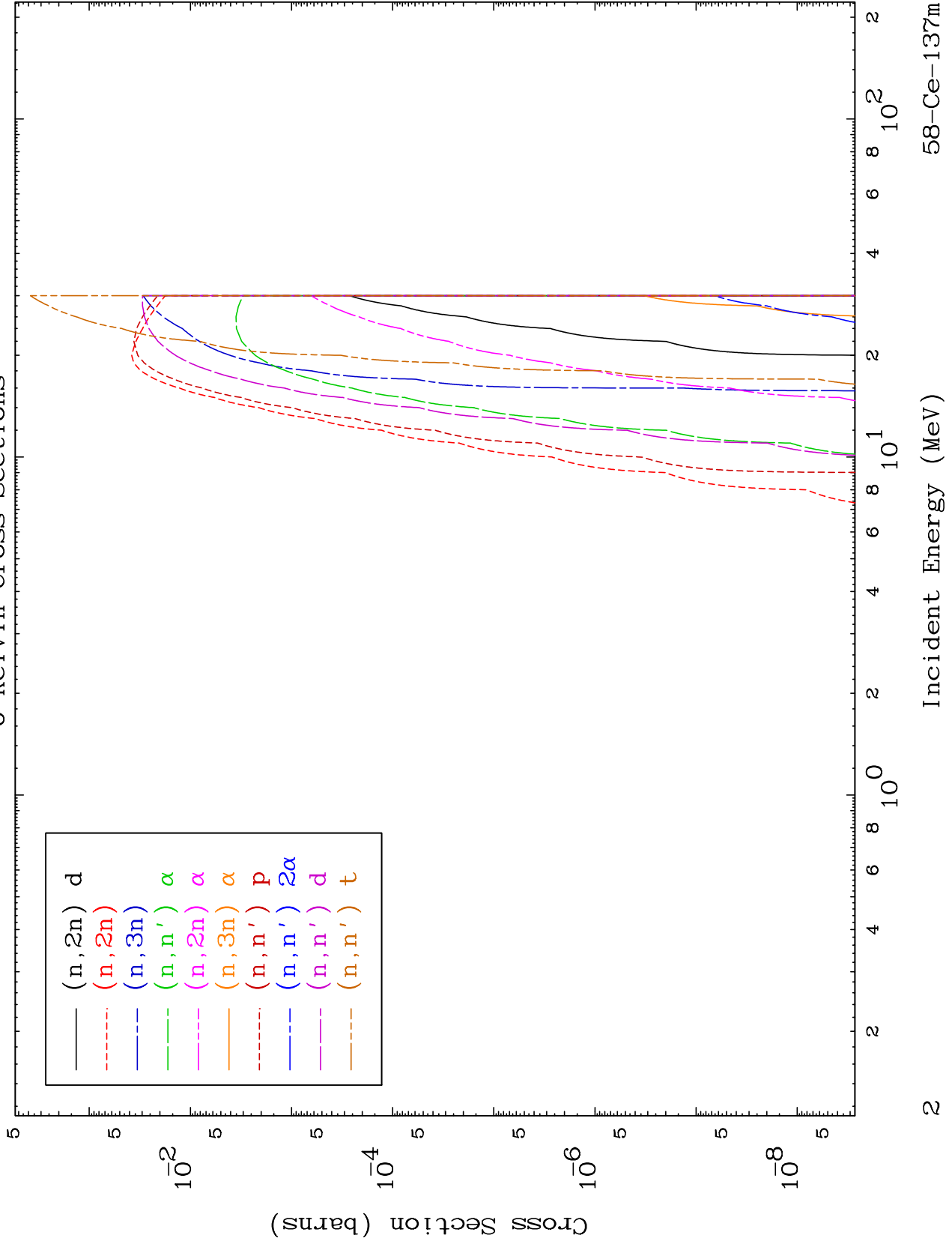
0 Kelvin Cross Sections

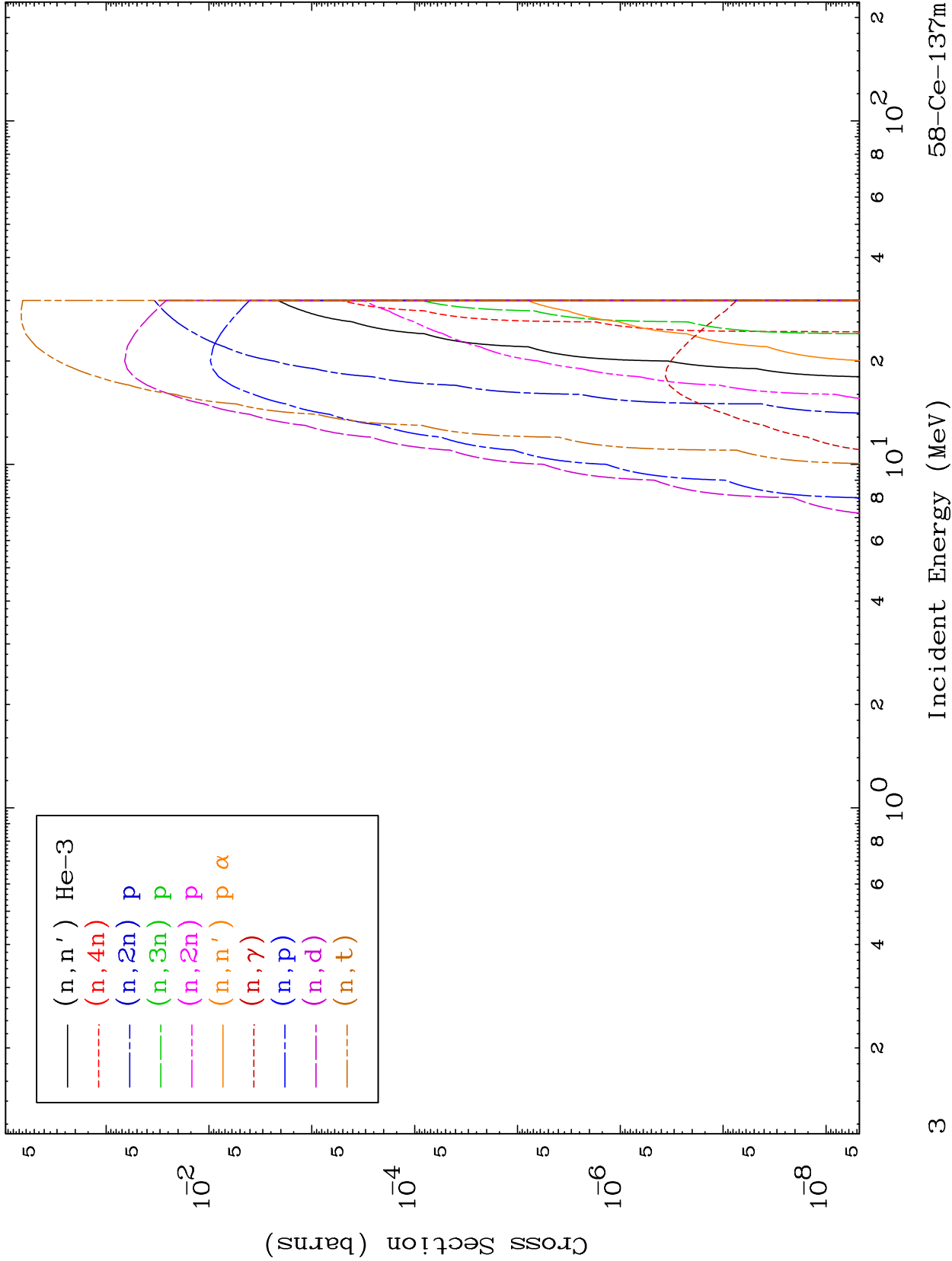


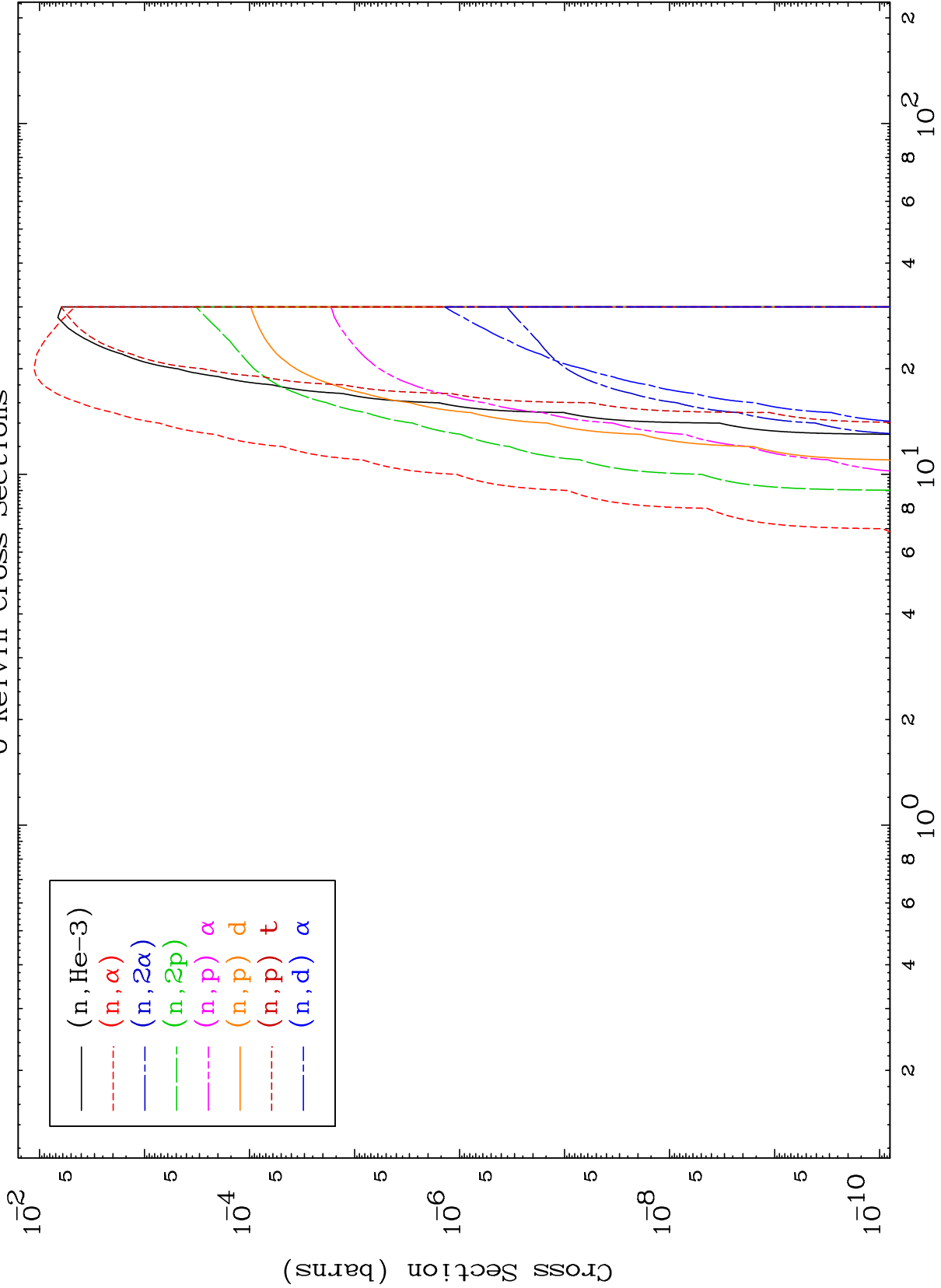
MAT 5829

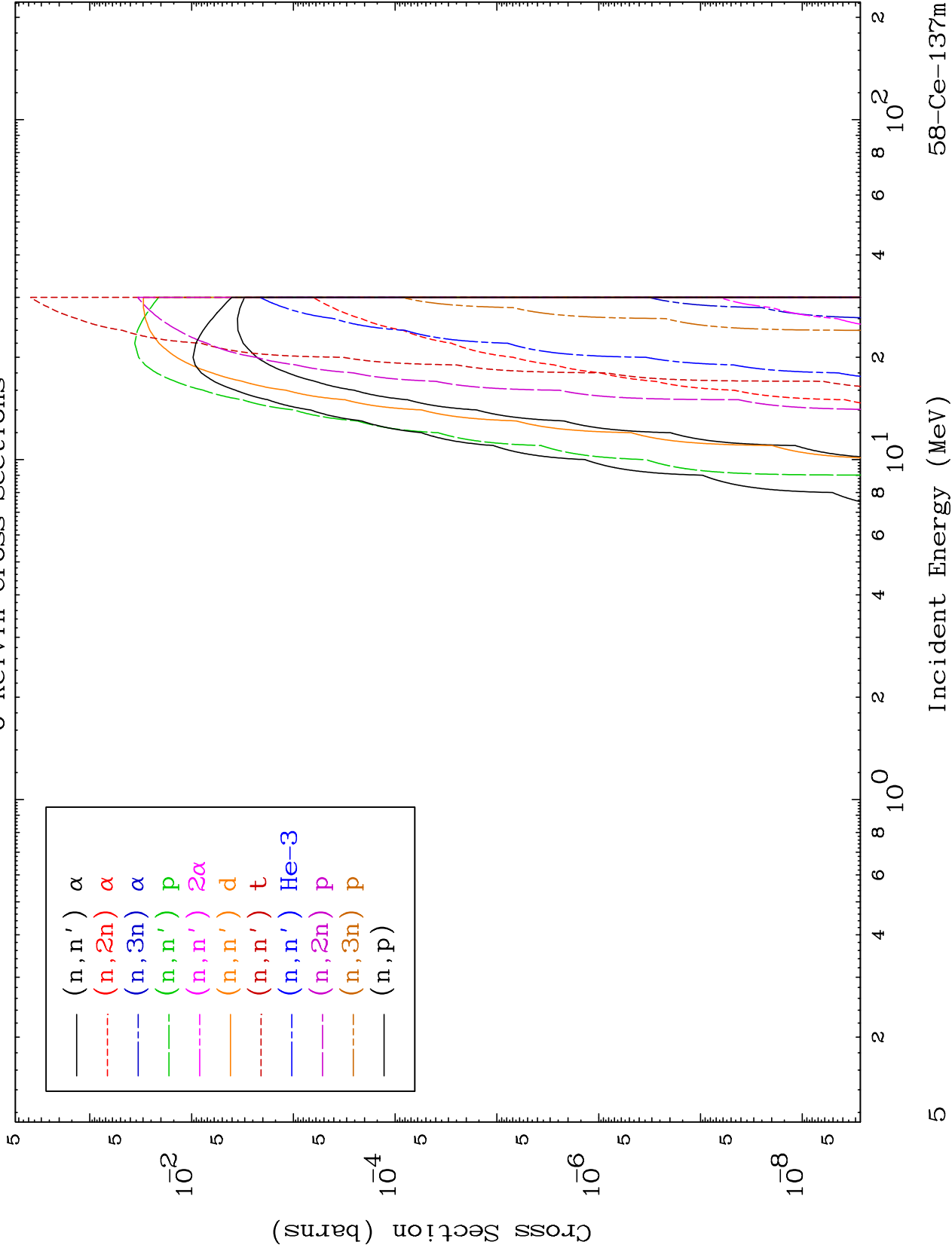
He-3 Neutron Absorption  
0 Kelvin Cross Sections

58-Ce-137m





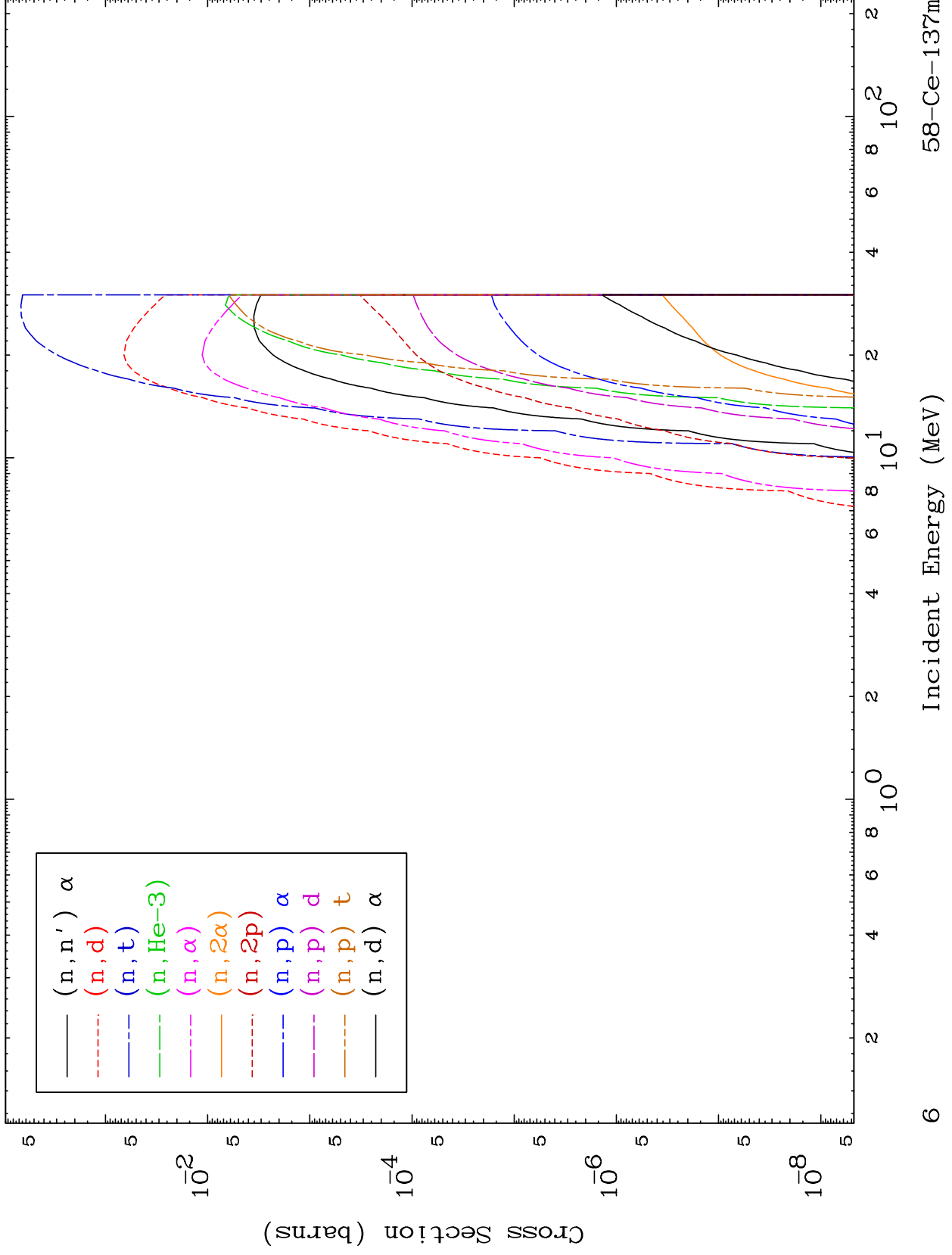




MAT 5829

He-3 Charged Particle  
0 Kelvin Cross Sections

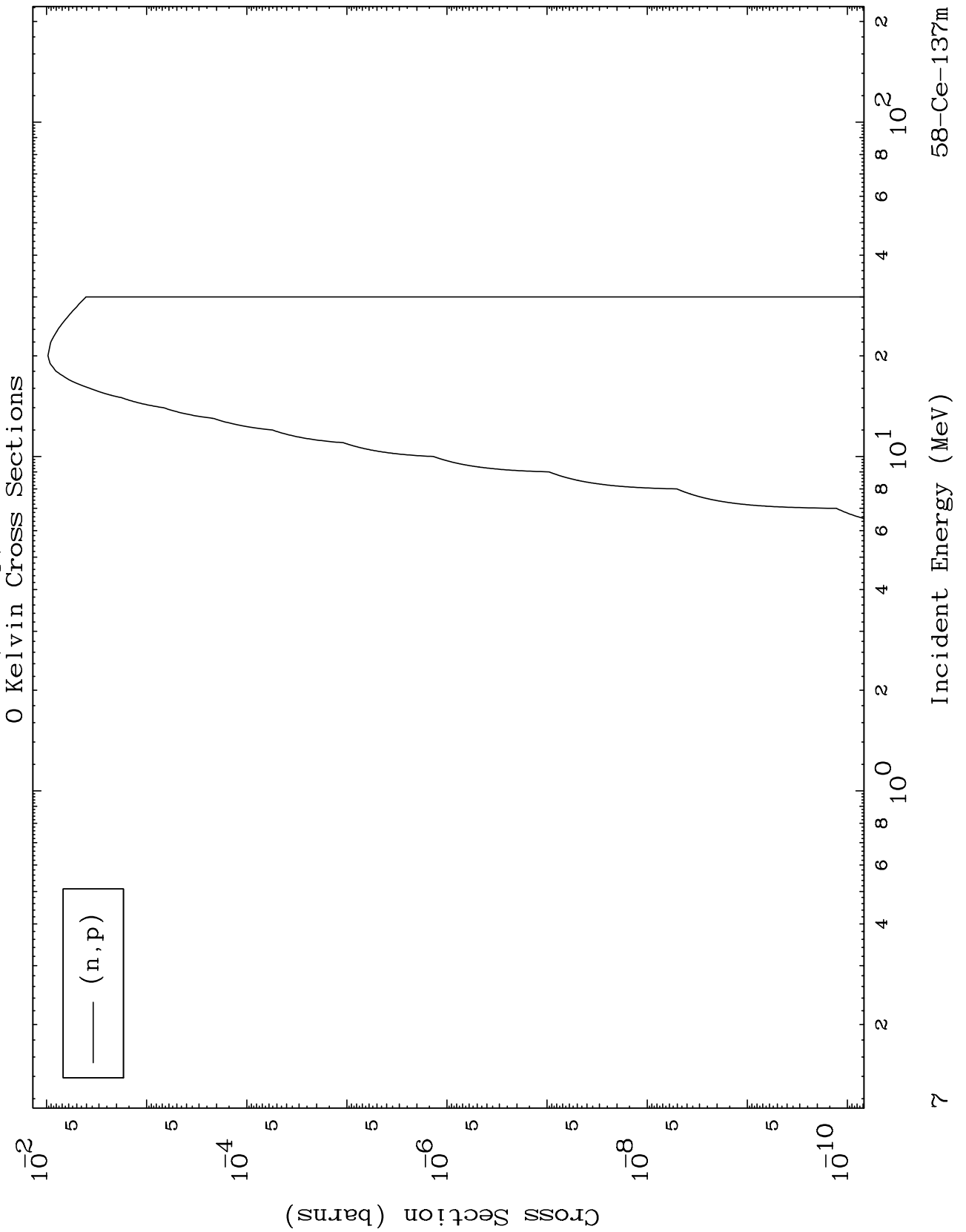
58-Ce-137m



MAT 5829

(He-3,p) Levels

58-Ce-137m

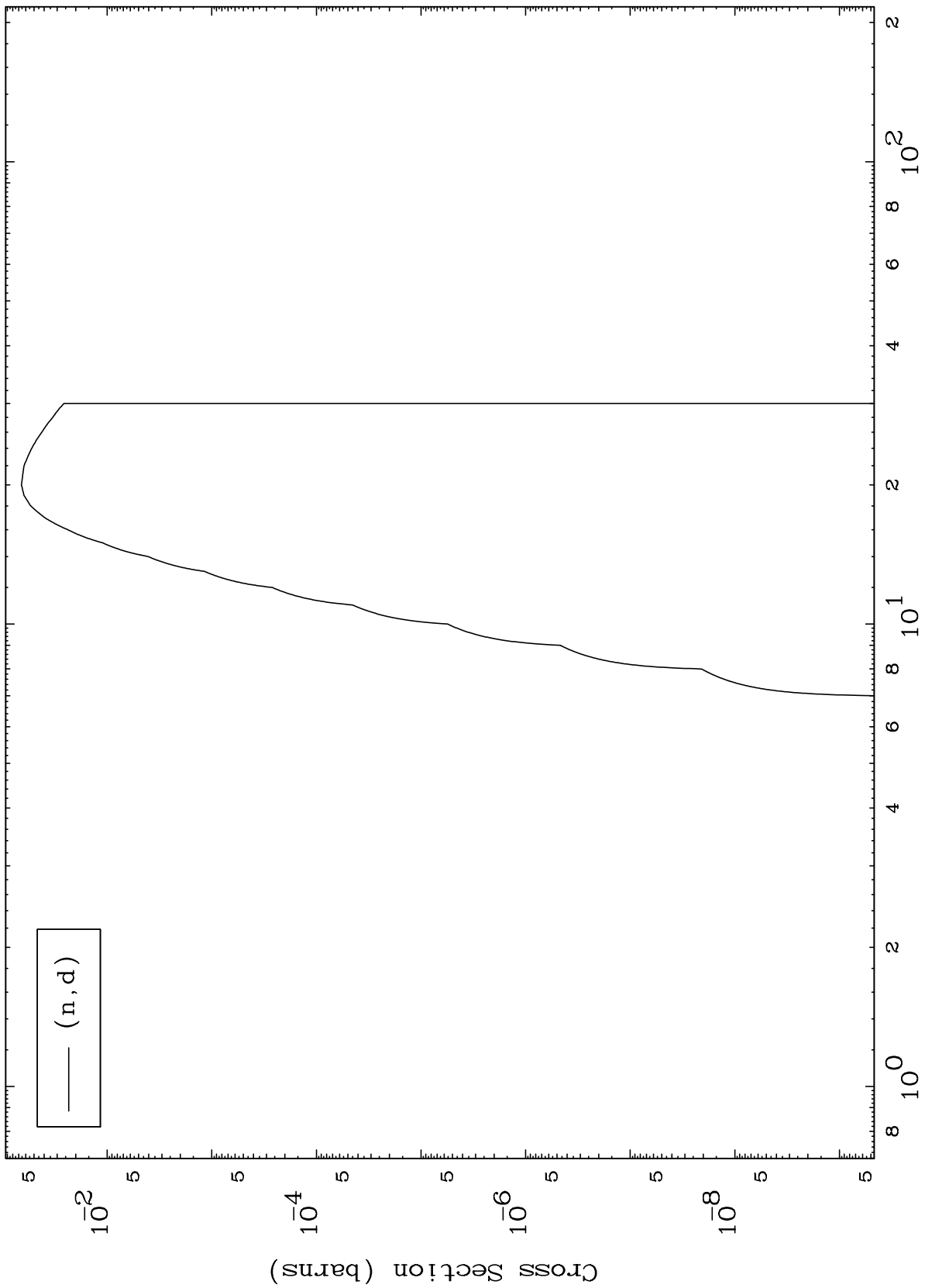


MAT 5829

(He-3,d) Levels

58-Ce-137m

0 Kelvin Cross Sections



8

Incident Energy (MeV)

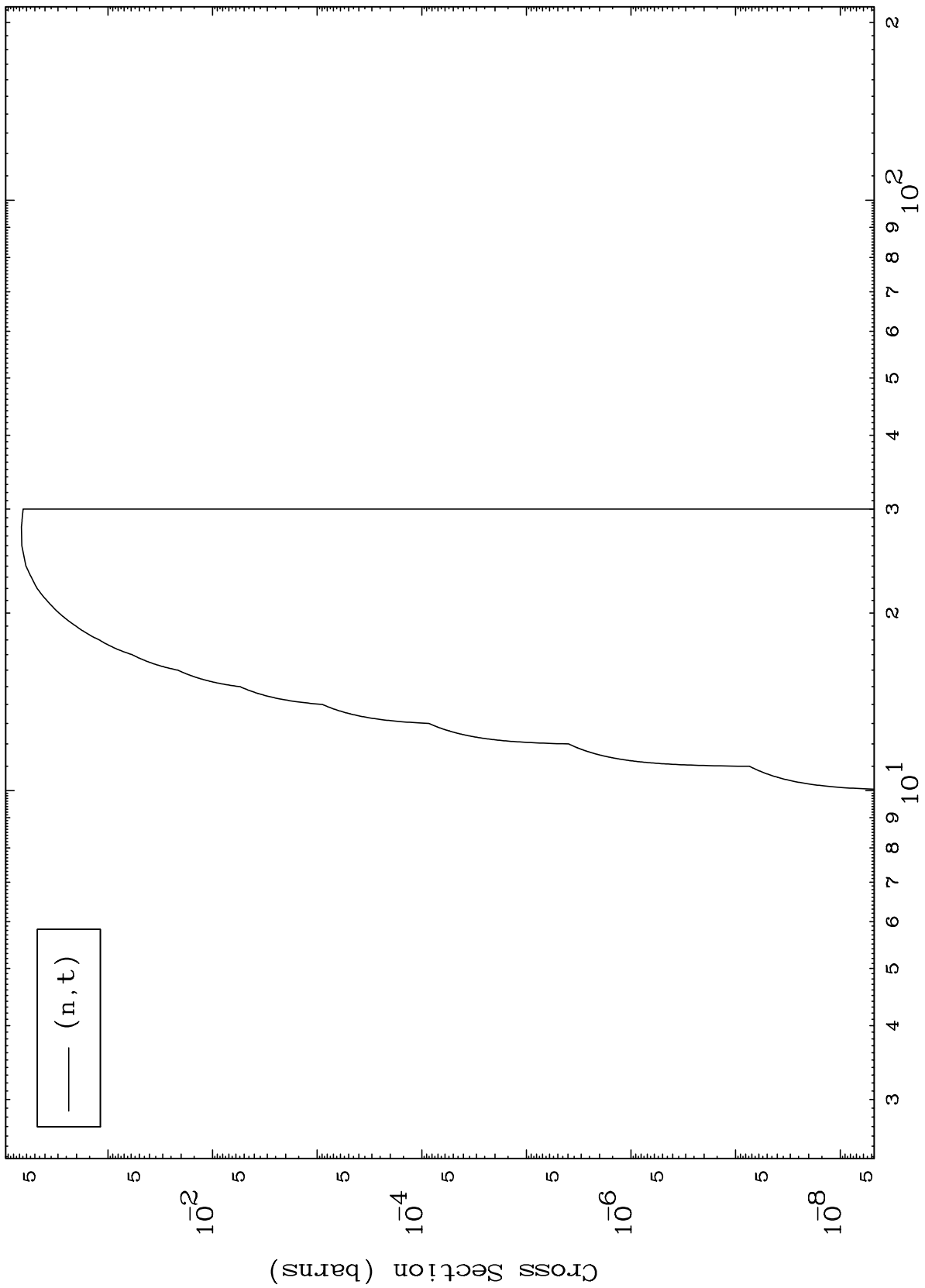
58-Ce-137m

MAT 5829

(He-3,t) Levels

58-Ce-137m

0 Kelvin Cross Sections

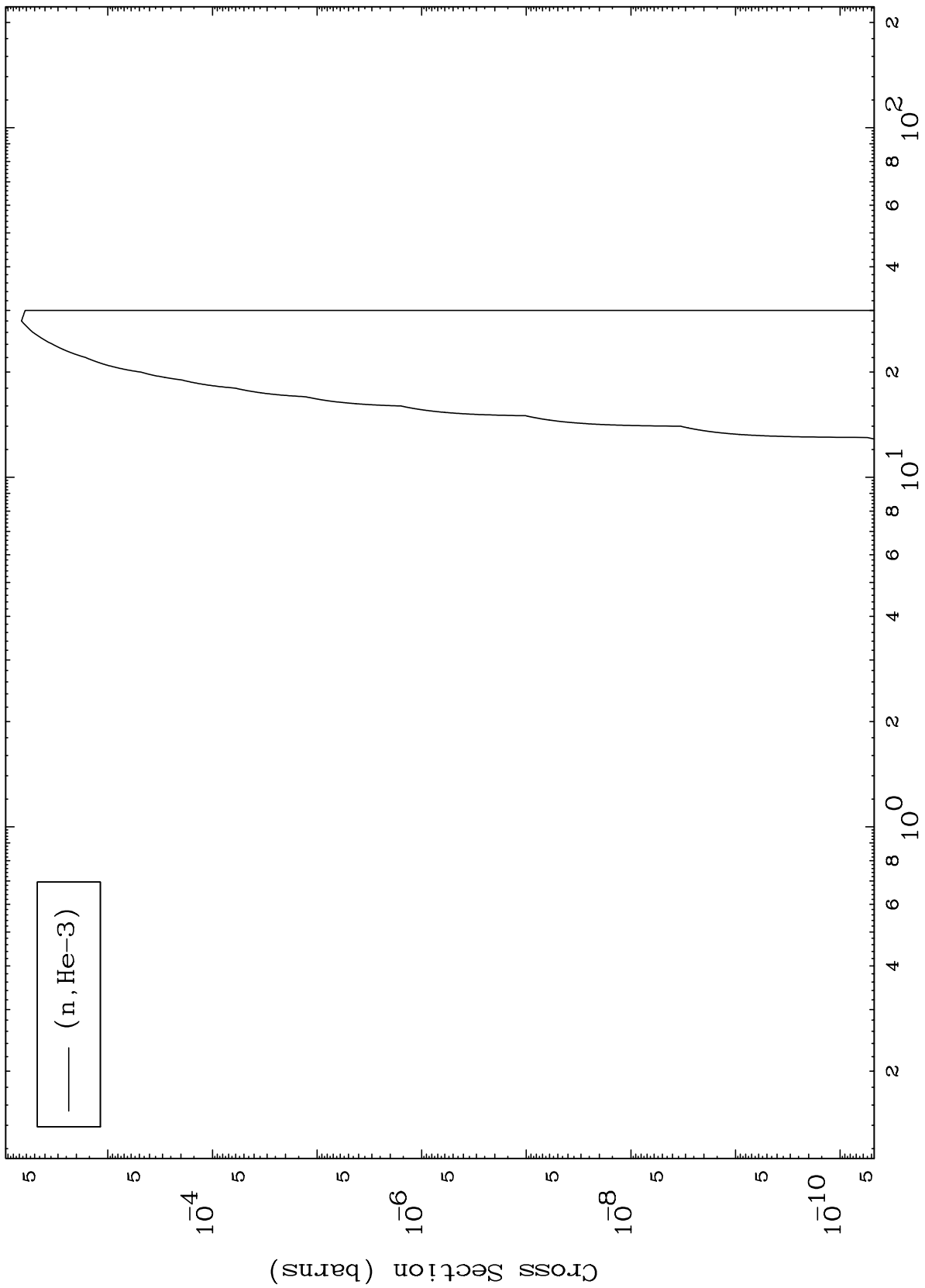


MAT 5829

(He-3, He3) Levels

58-Ce-137m

0 Kelvin Cross Sections



10

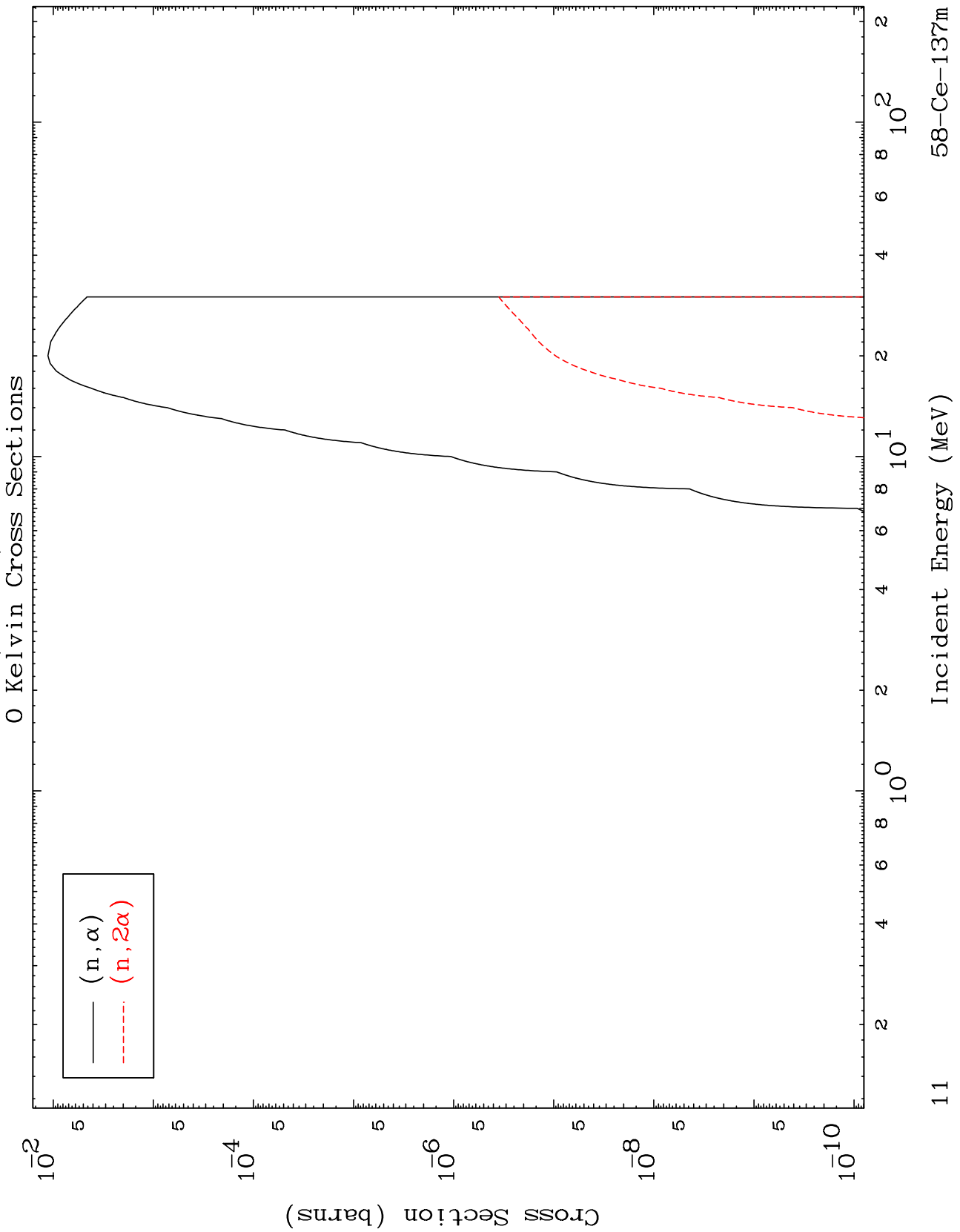
Incident Energy (MeV)

58-Ce-137m

MAT 5829

(He-3,  $\alpha$ ) Levels

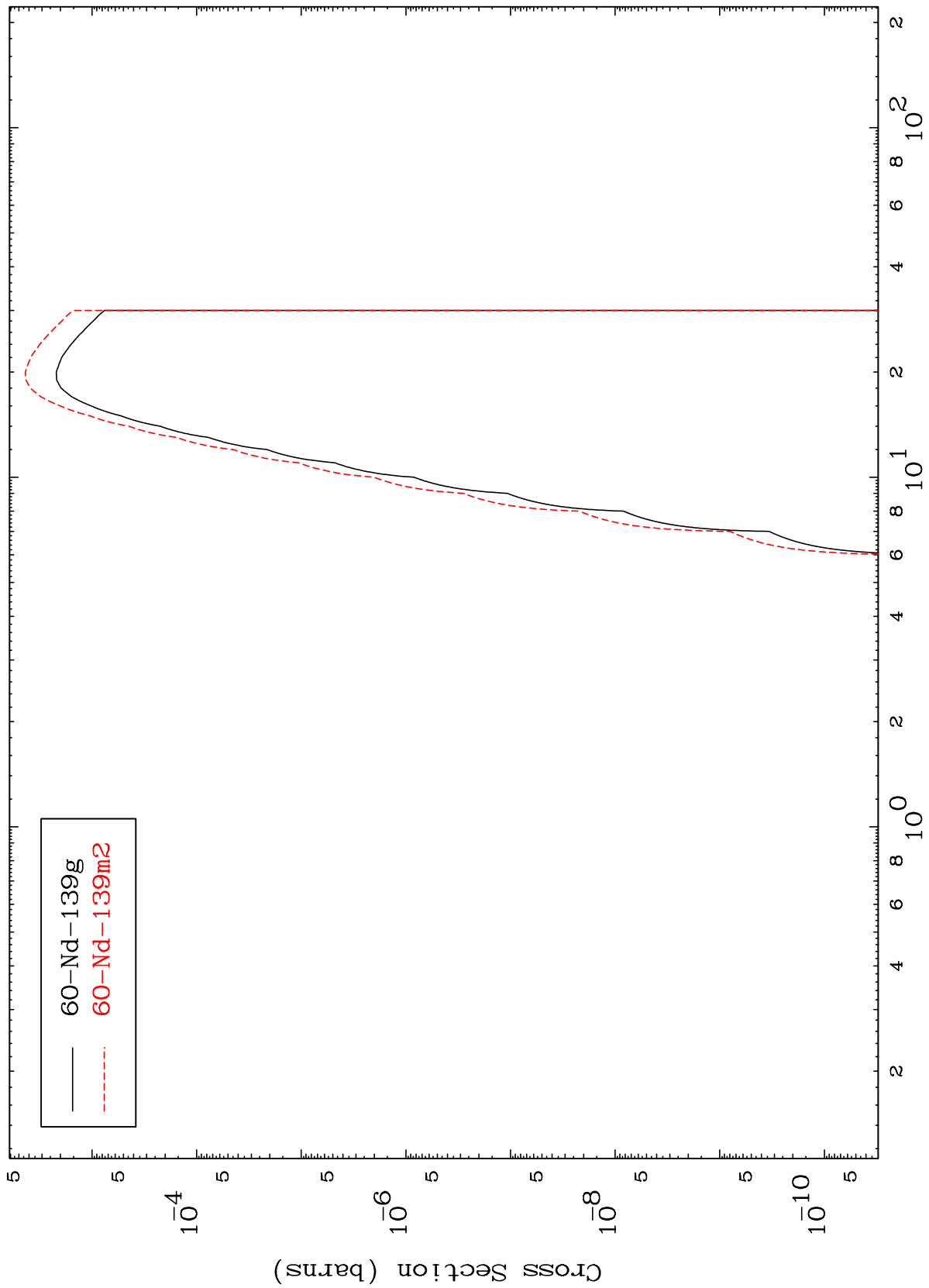
58-Ce-137m



MAT 5829

58-Ce-137m

Inelastic  
Radionuclide Production Cross Section



58-Ce-137m

Incident Energy (MeV)

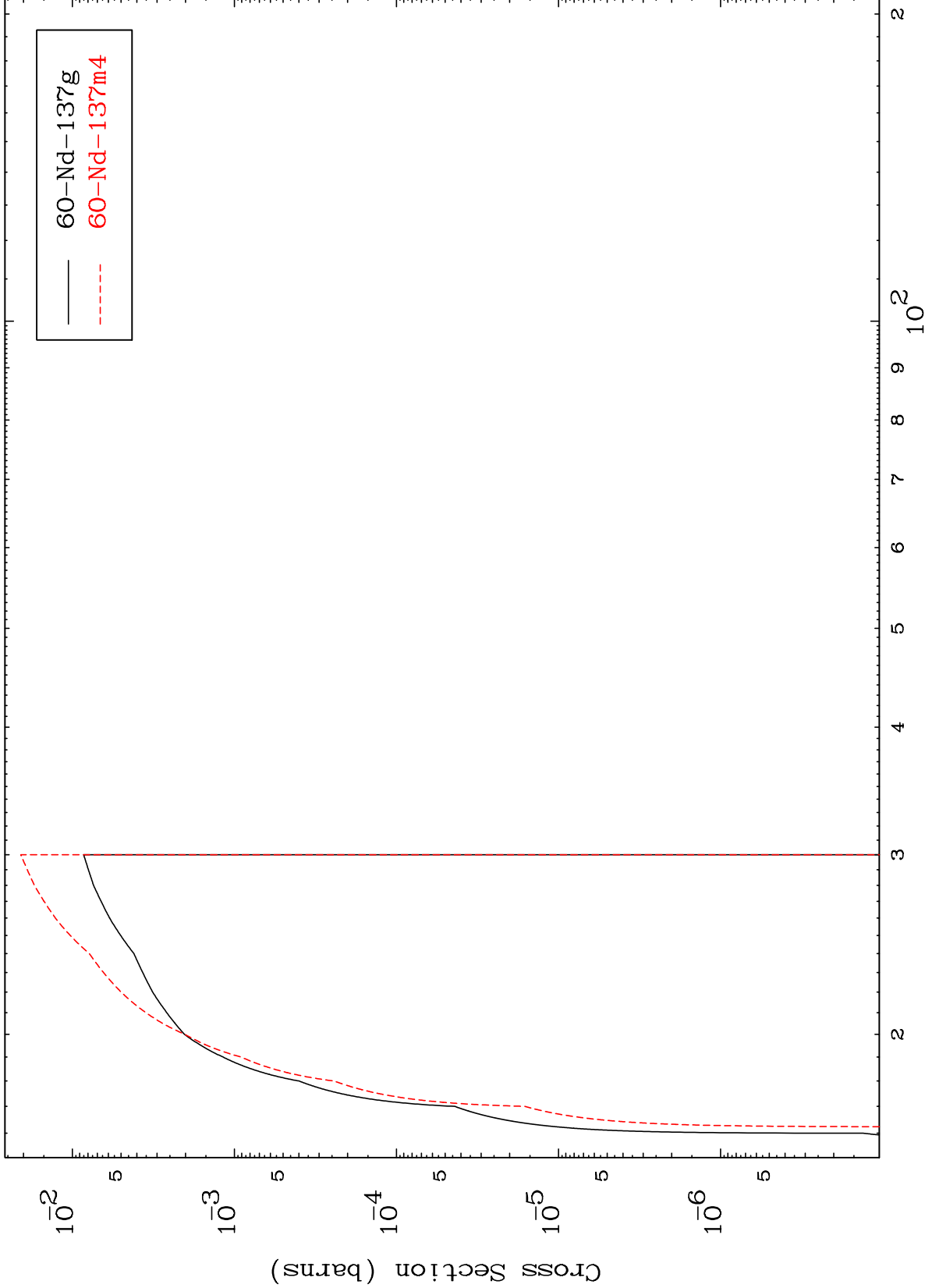
12

MAT 5829

(n,3n)

58-Ce-137m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

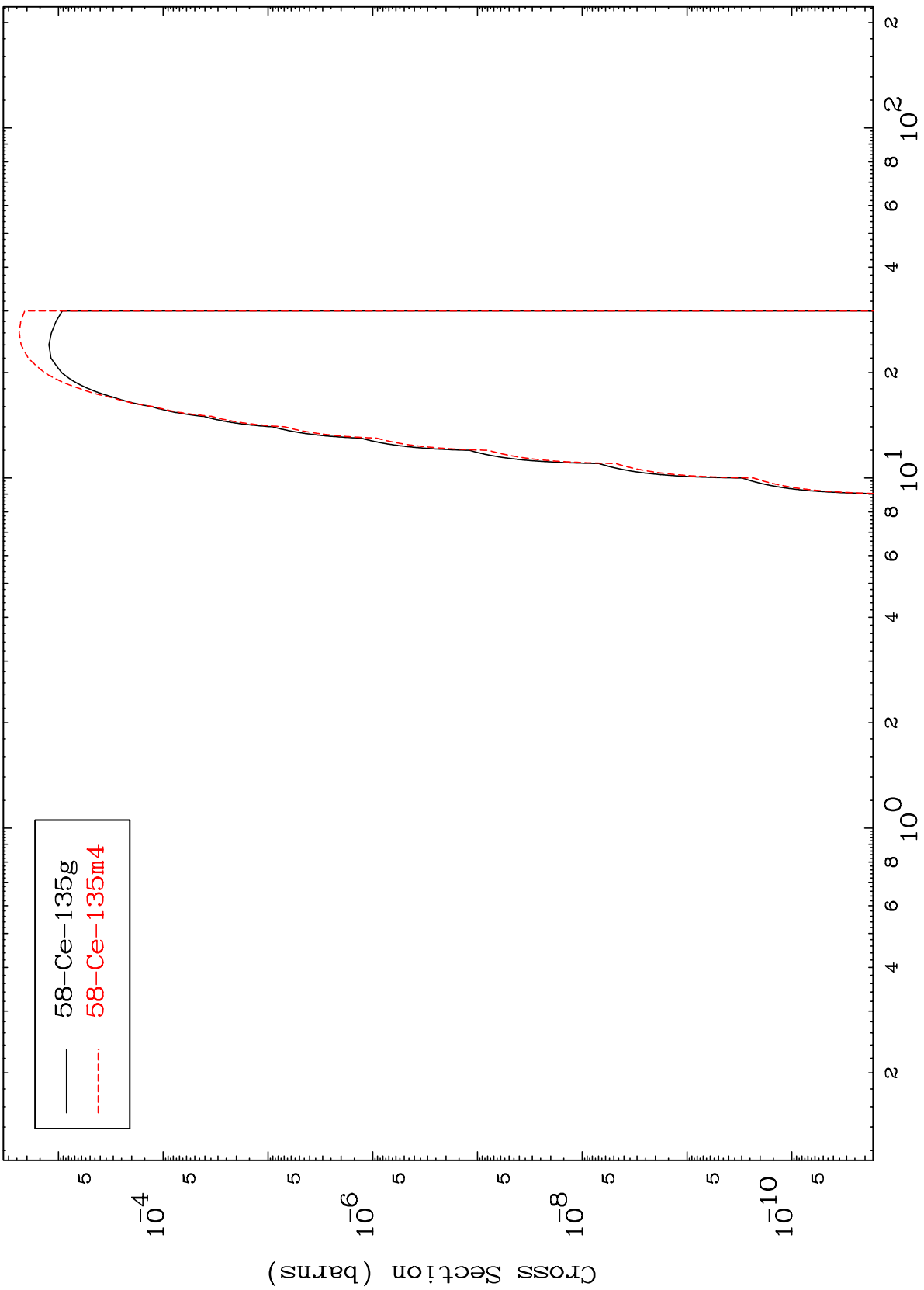
58-Ce-137m

MAT 5829

(n,n')  $\alpha$

58-Ce-137m

Radionuclide Production Cross Section

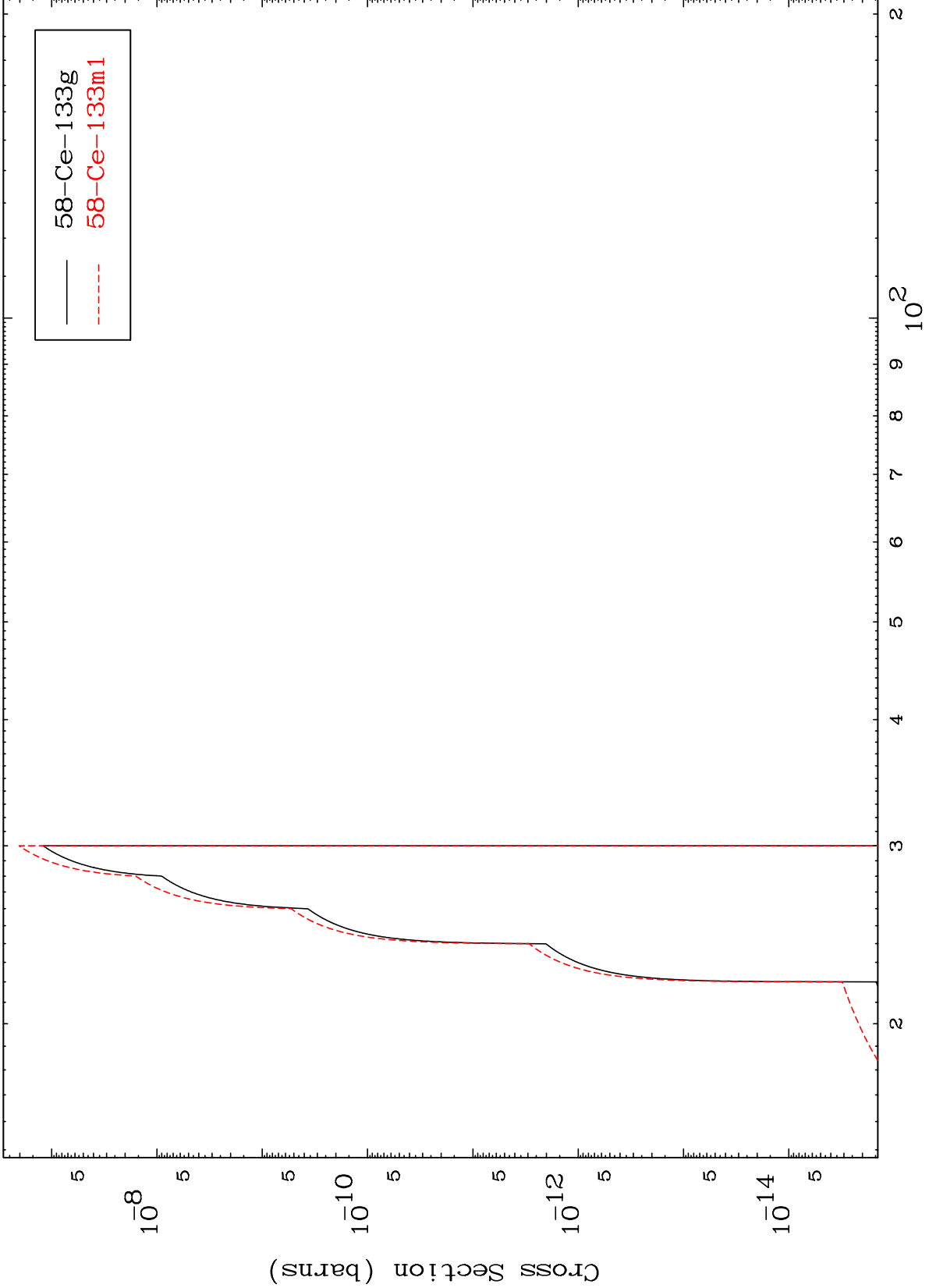


MAT 5829

(n,3n)  $\alpha$

58-Ce-137m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

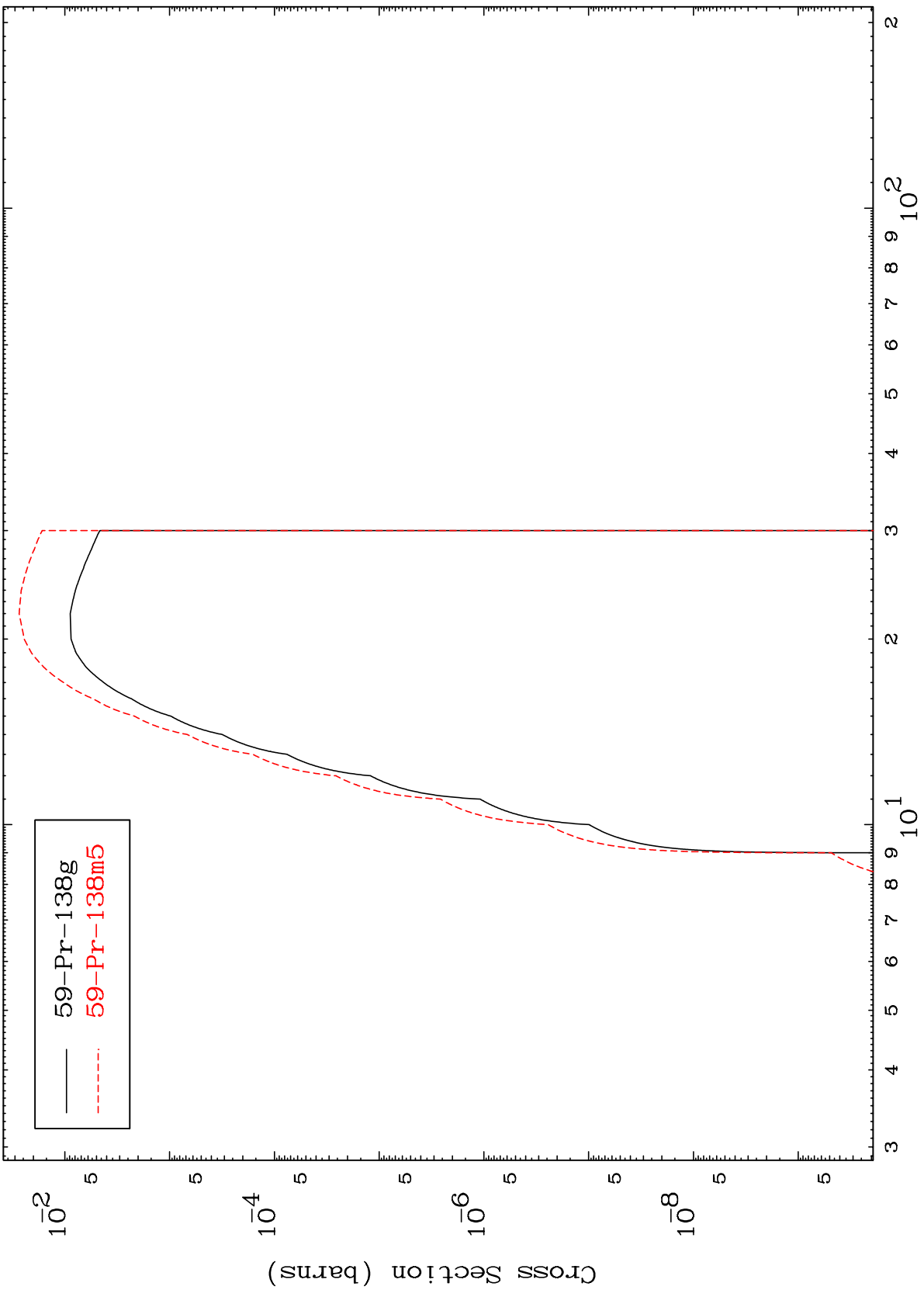
58-Ce-137m

MAT 5829

(n,n') p

58-Ce-137m

Radionuclide Production Cross Section



59-Pr-138g  
59-Pr-138m5

16

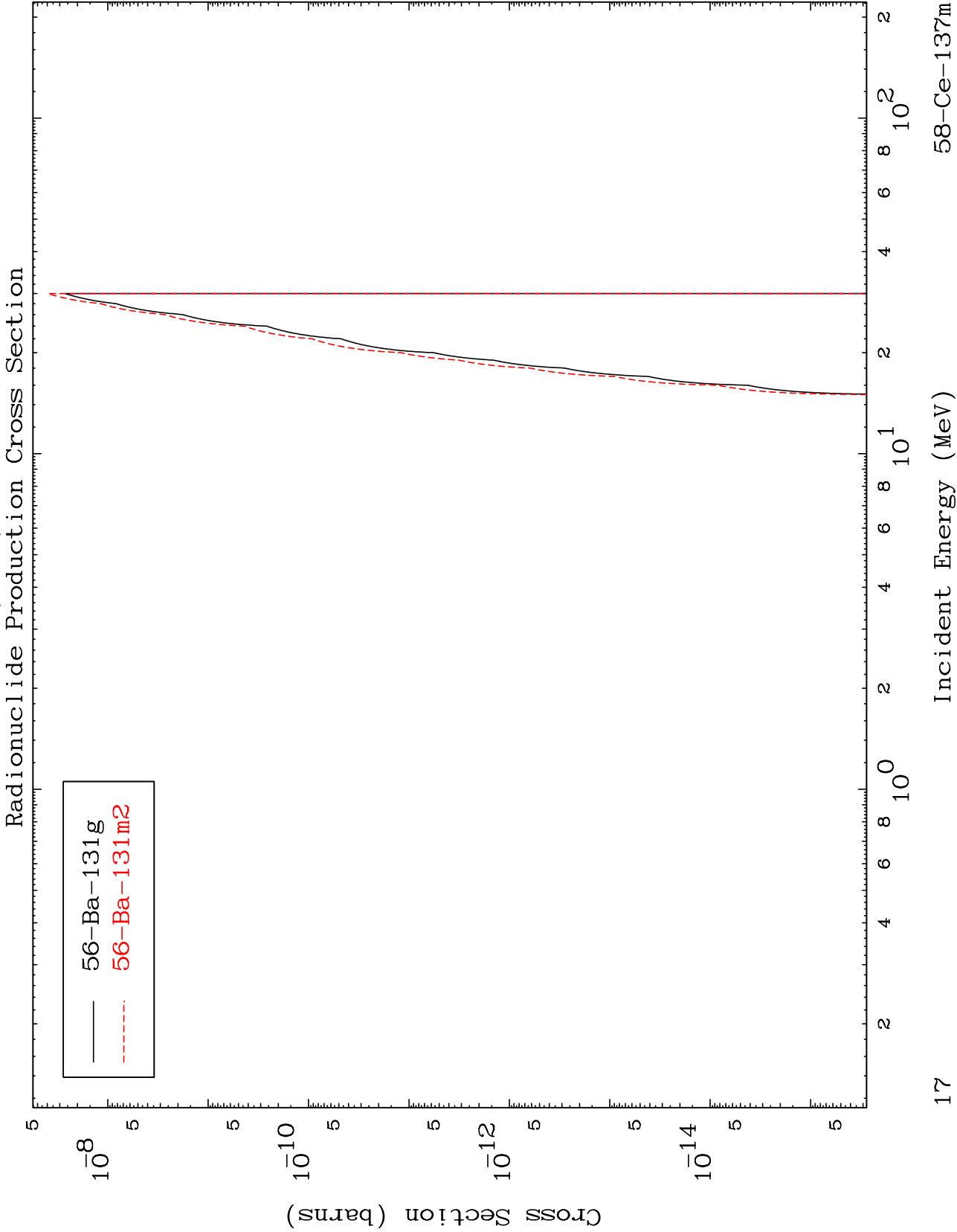
Incident Energy (MeV)

58-Ce-137m

MAT 5829

(n,n') 2α

58-Ce-137m

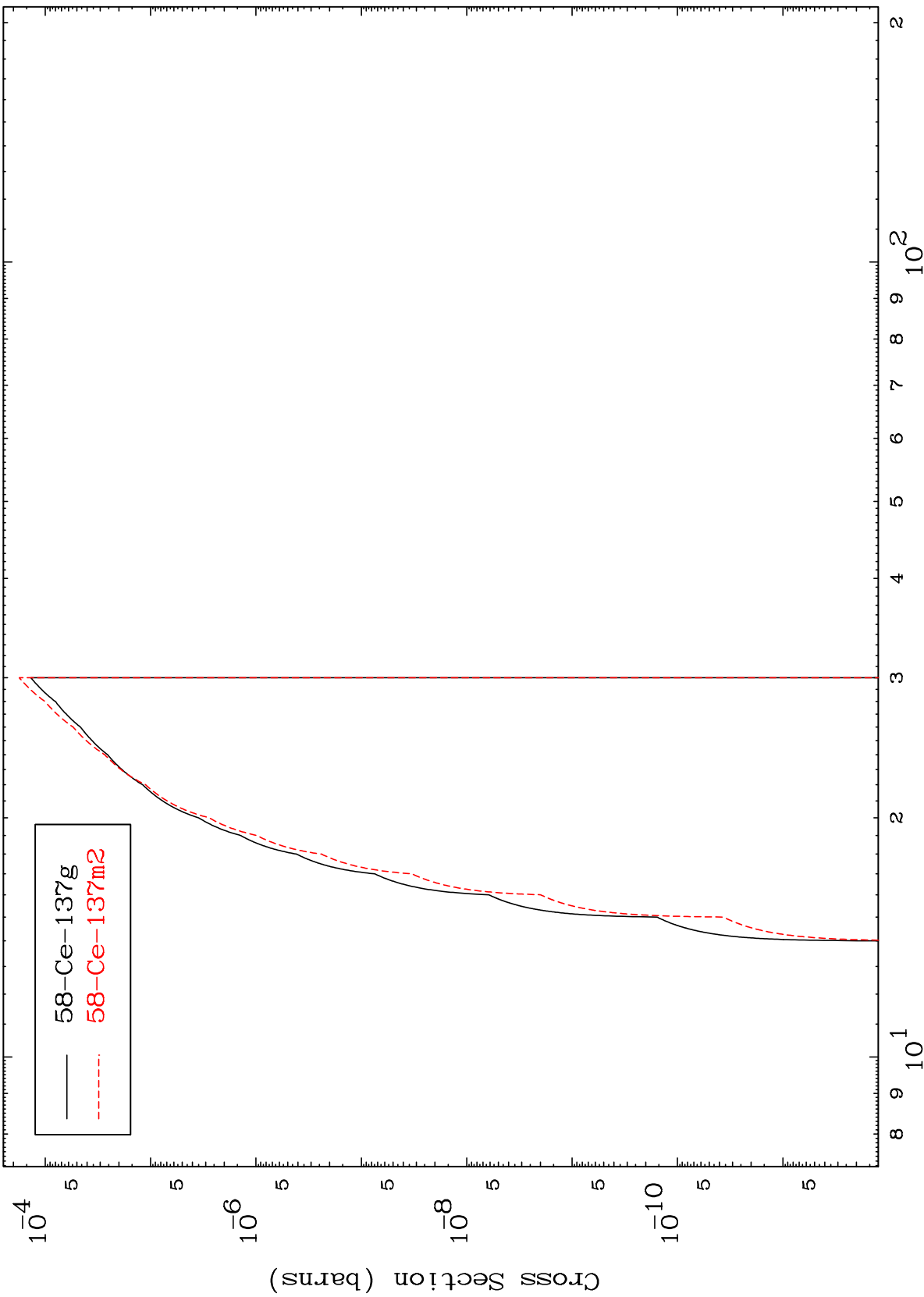


MAT 5829

(n,2n) p

58-Ce-137m

Radionuclide Production Cross Section



18

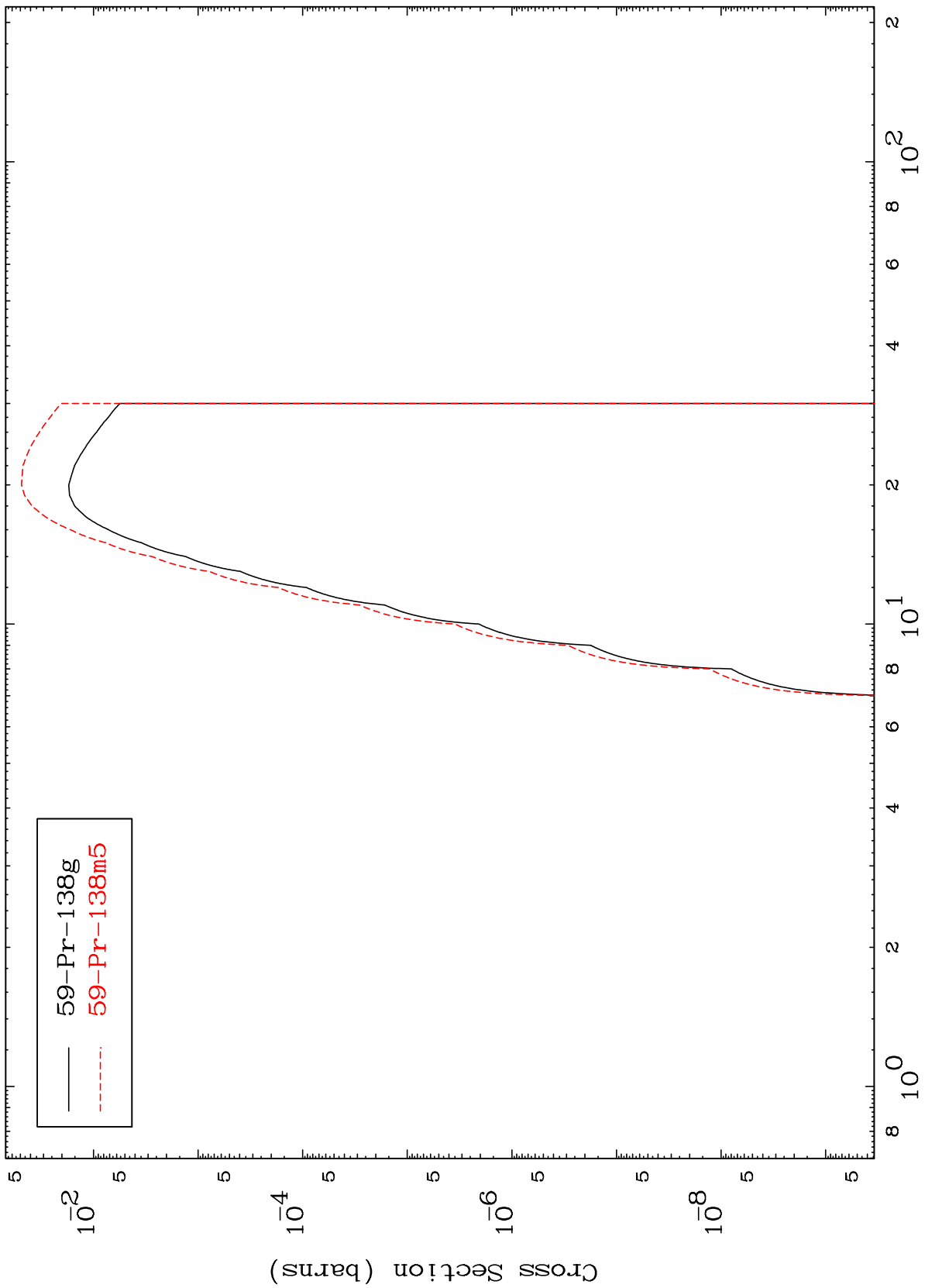
Incident Energy (MeV)

58-Ce-137m

MAT 5829

58-Ce-137m

(n,d)  
Radionuclide Production Cross Section



— 59-Pr-138g  
- - - 59-Pr-138m5

58-Ce-137m

Incident Energy (MeV)

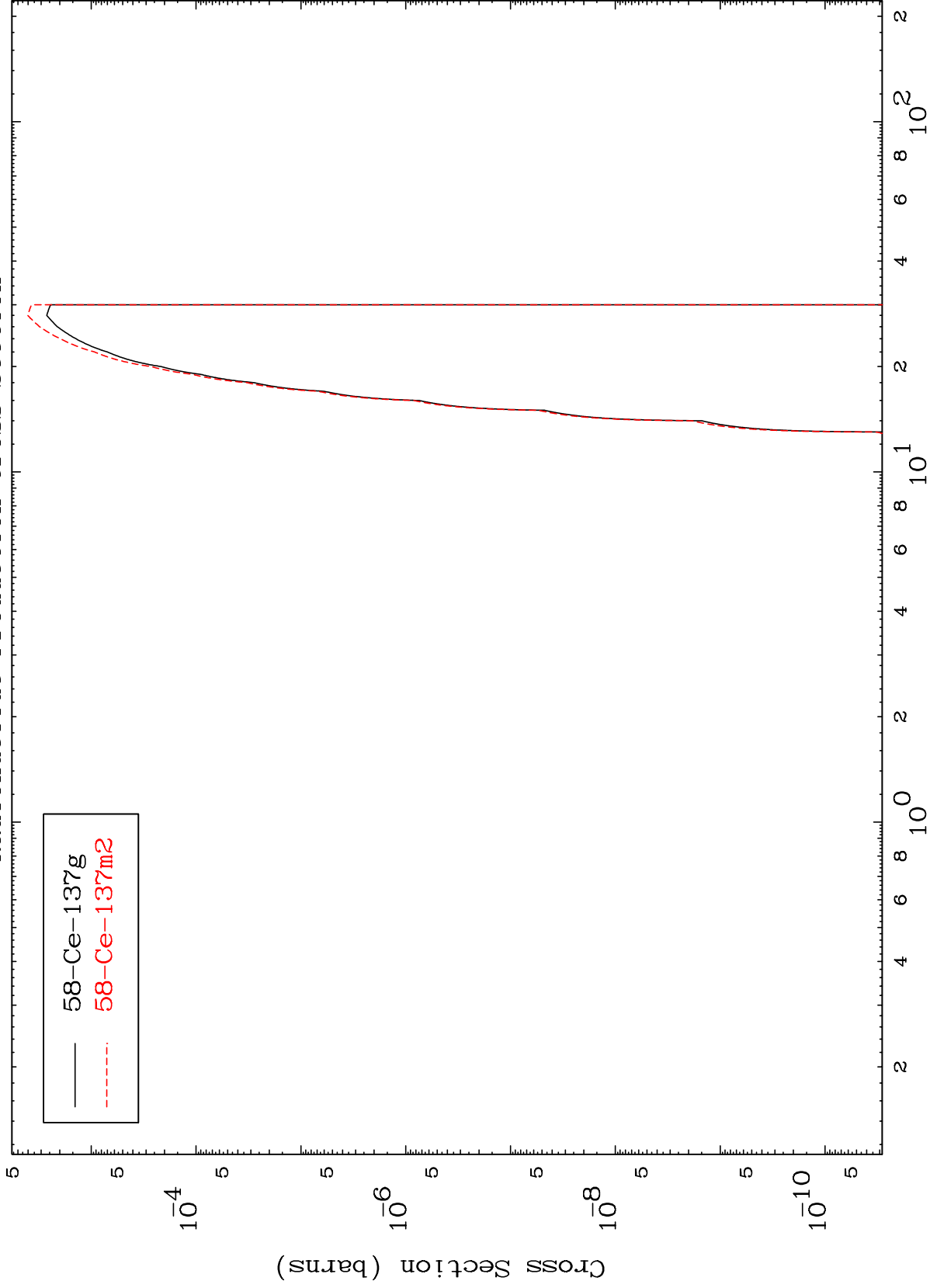
19

MAT 5829

(n,He-3)

58-Ce-137m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

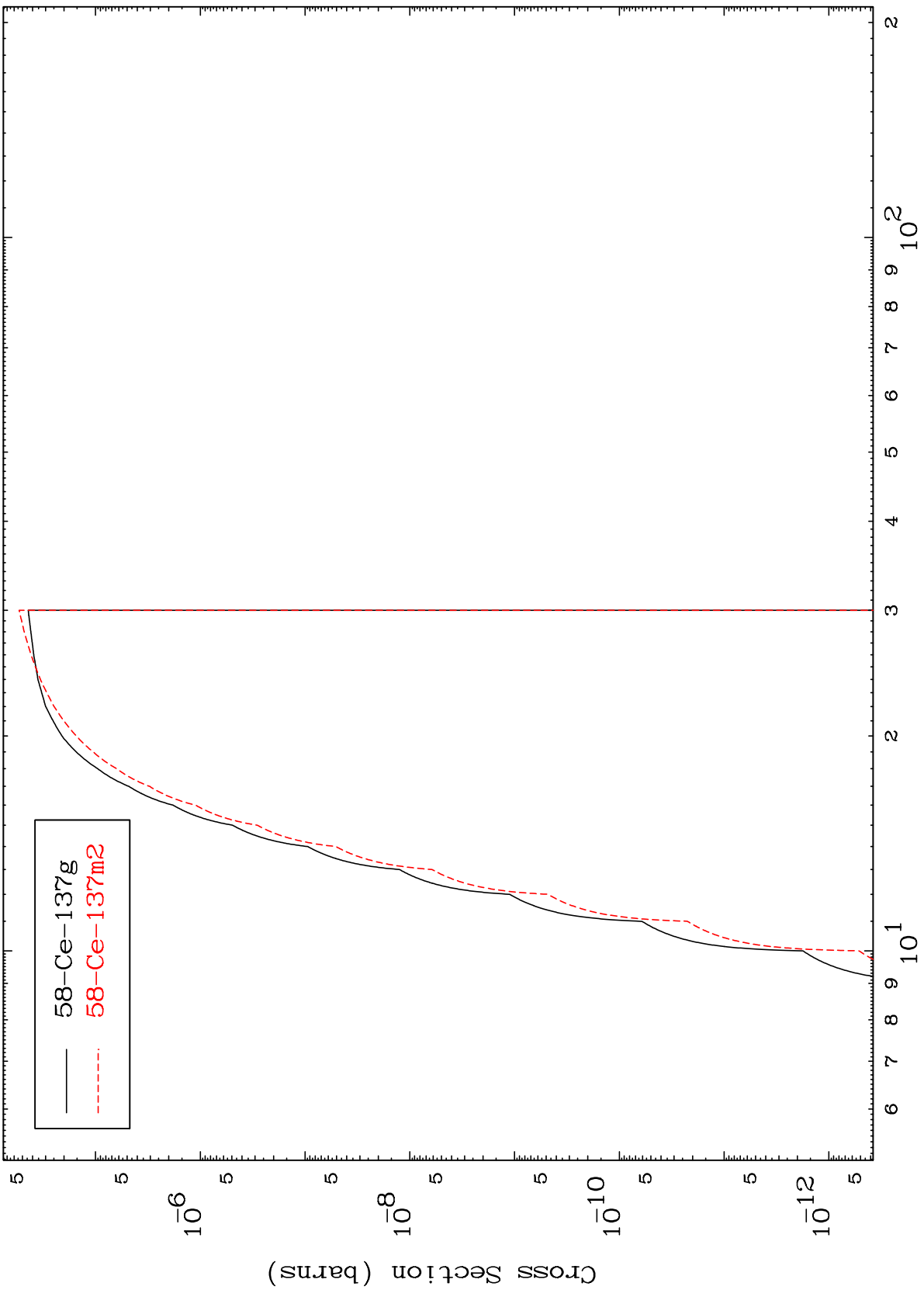
58-Ce-137m

MAT 5829

(n,p) d

58-Ce-137m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

58-Ce-137m