

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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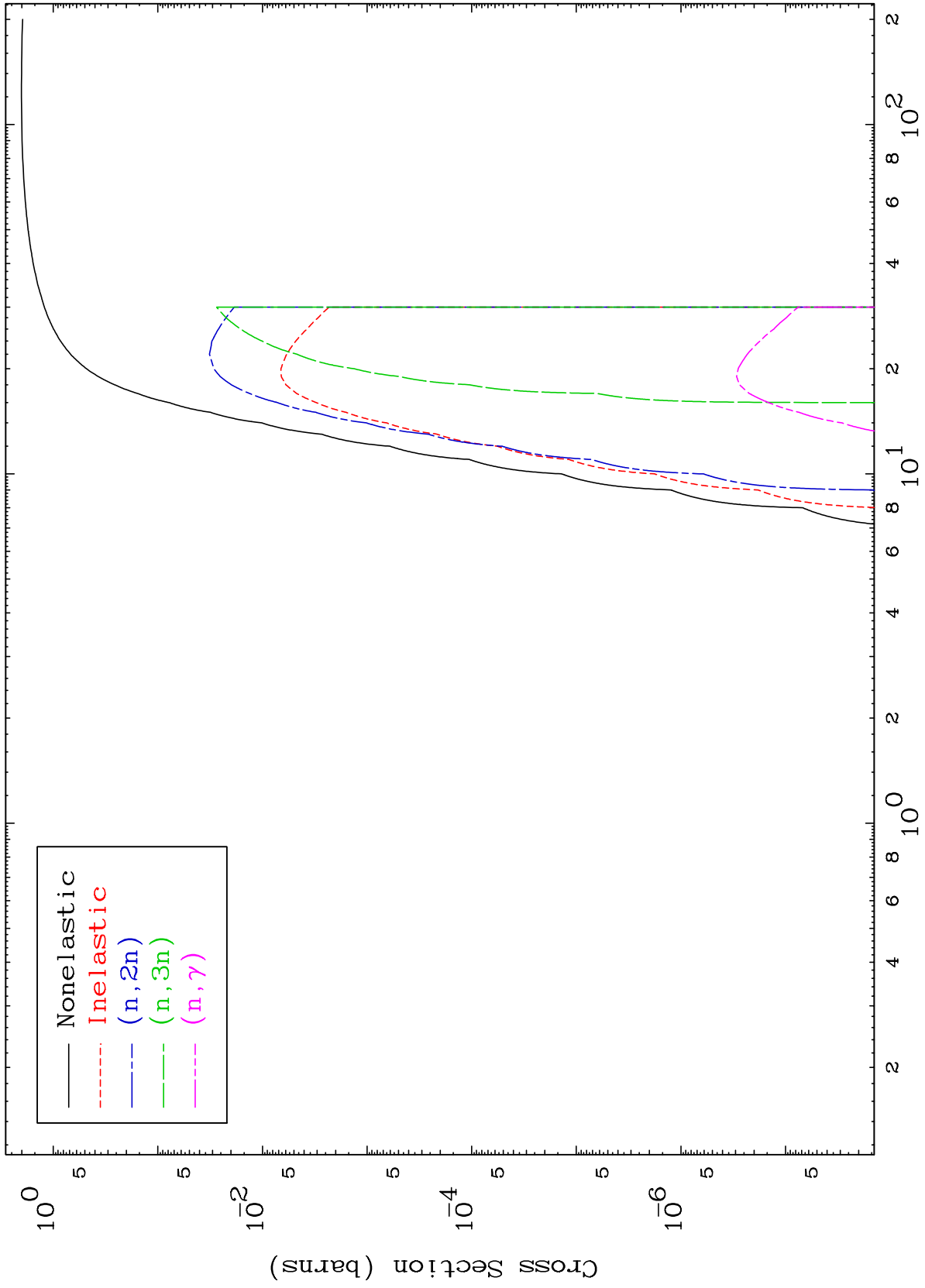
Press Mouse Button to Start

MAT 5828

He-3 Major

58-Ce-137

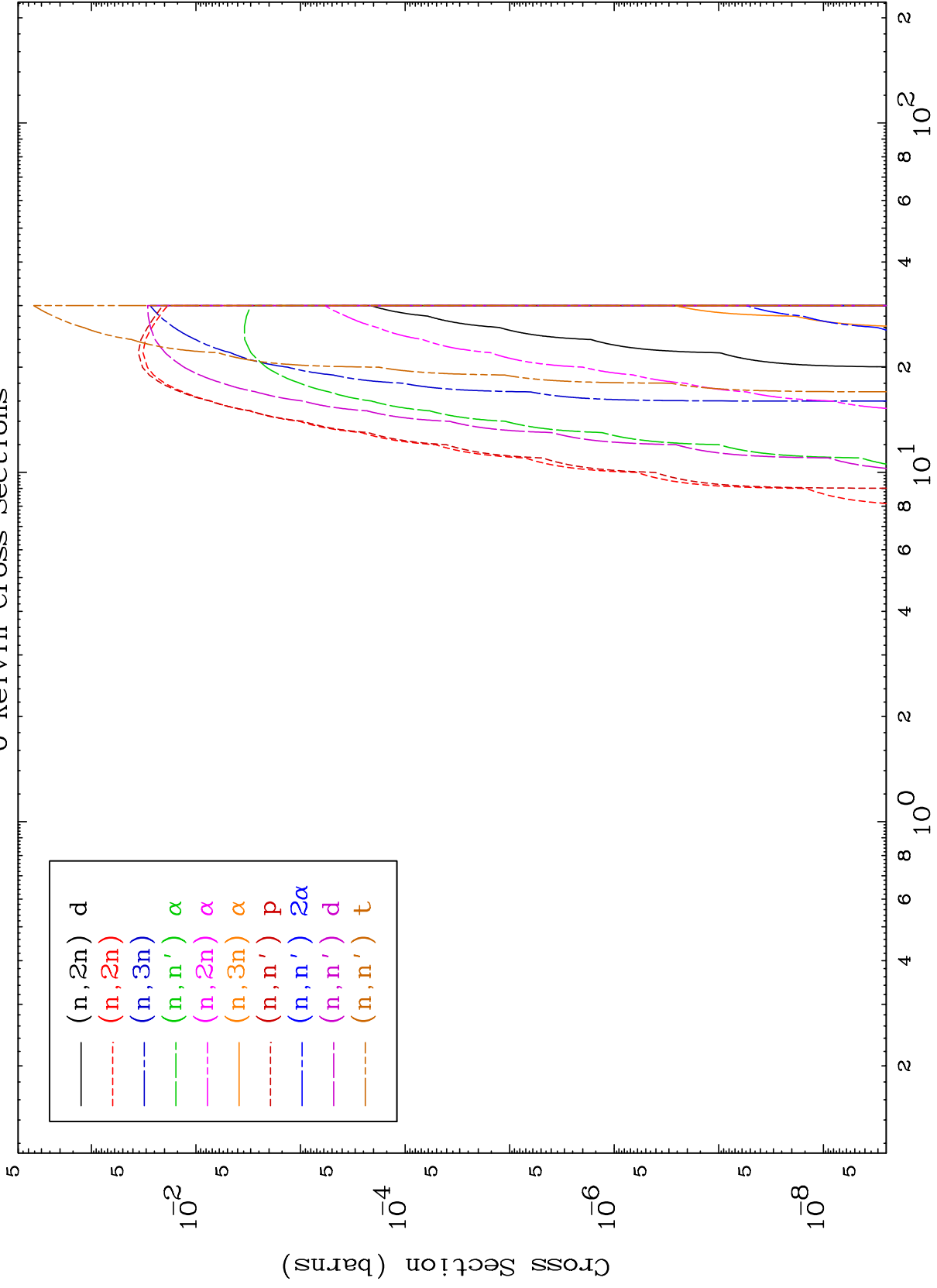
0 Kelvin Cross Sections



MAT 5828

He-3 Neutron Absorption  
0 Kelvin Cross Sections

58-Ce-137



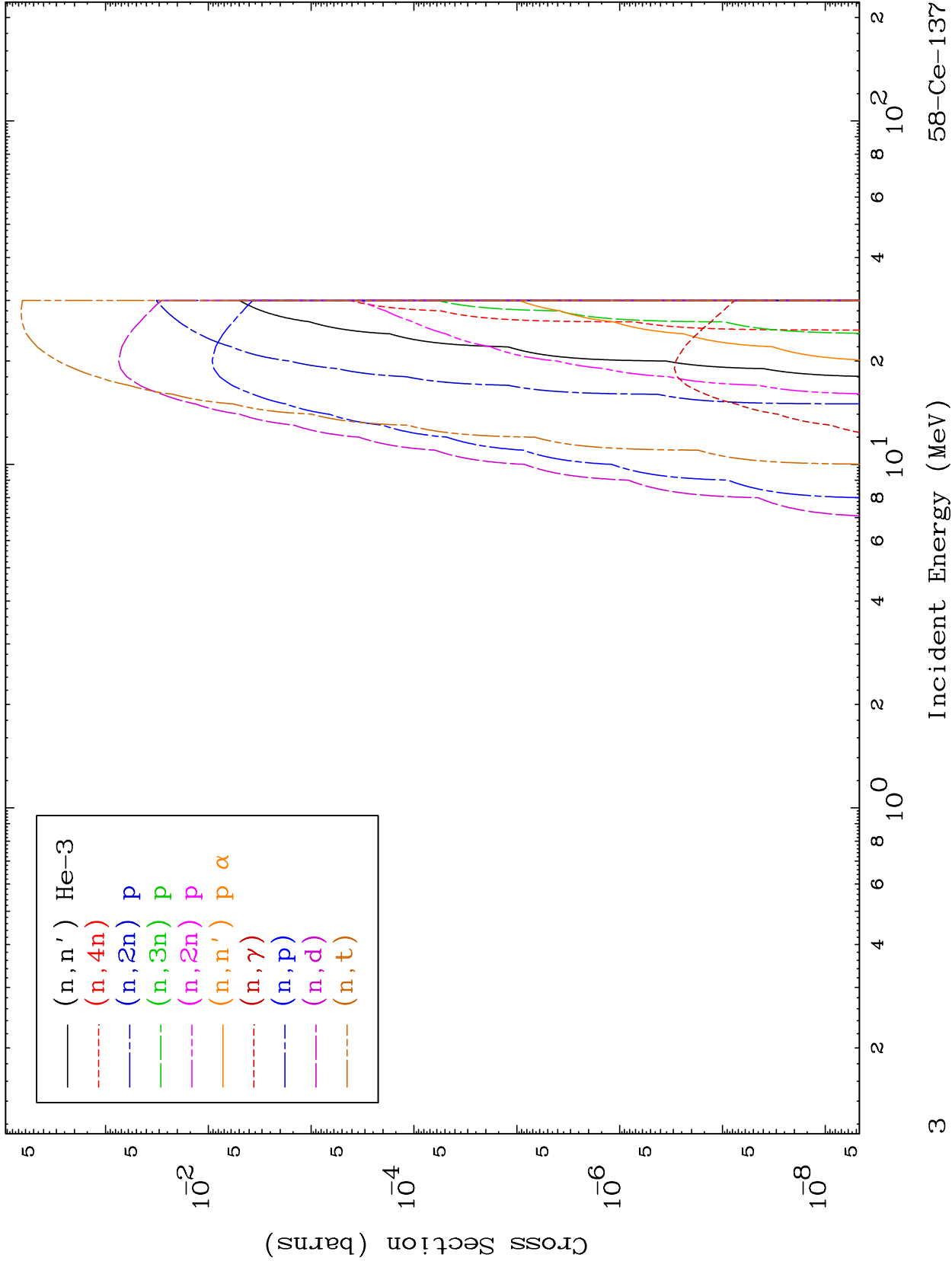
58-Ce-137

Incident Energy (MeV)

MAT 5828

He-3 Neutron Absorption  
0 Kelvin Cross Sections

58-Ce-137



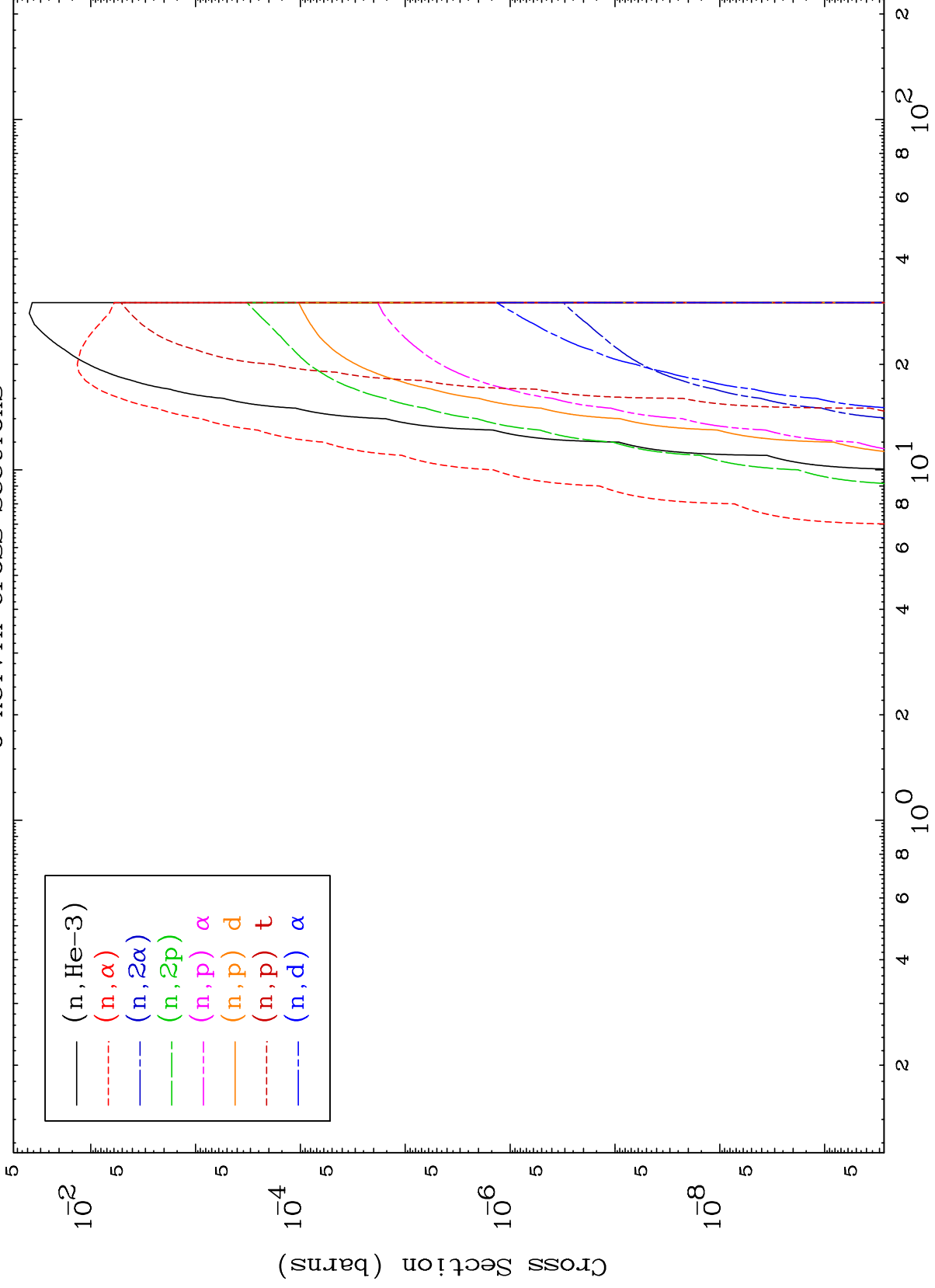
58-Ce-137

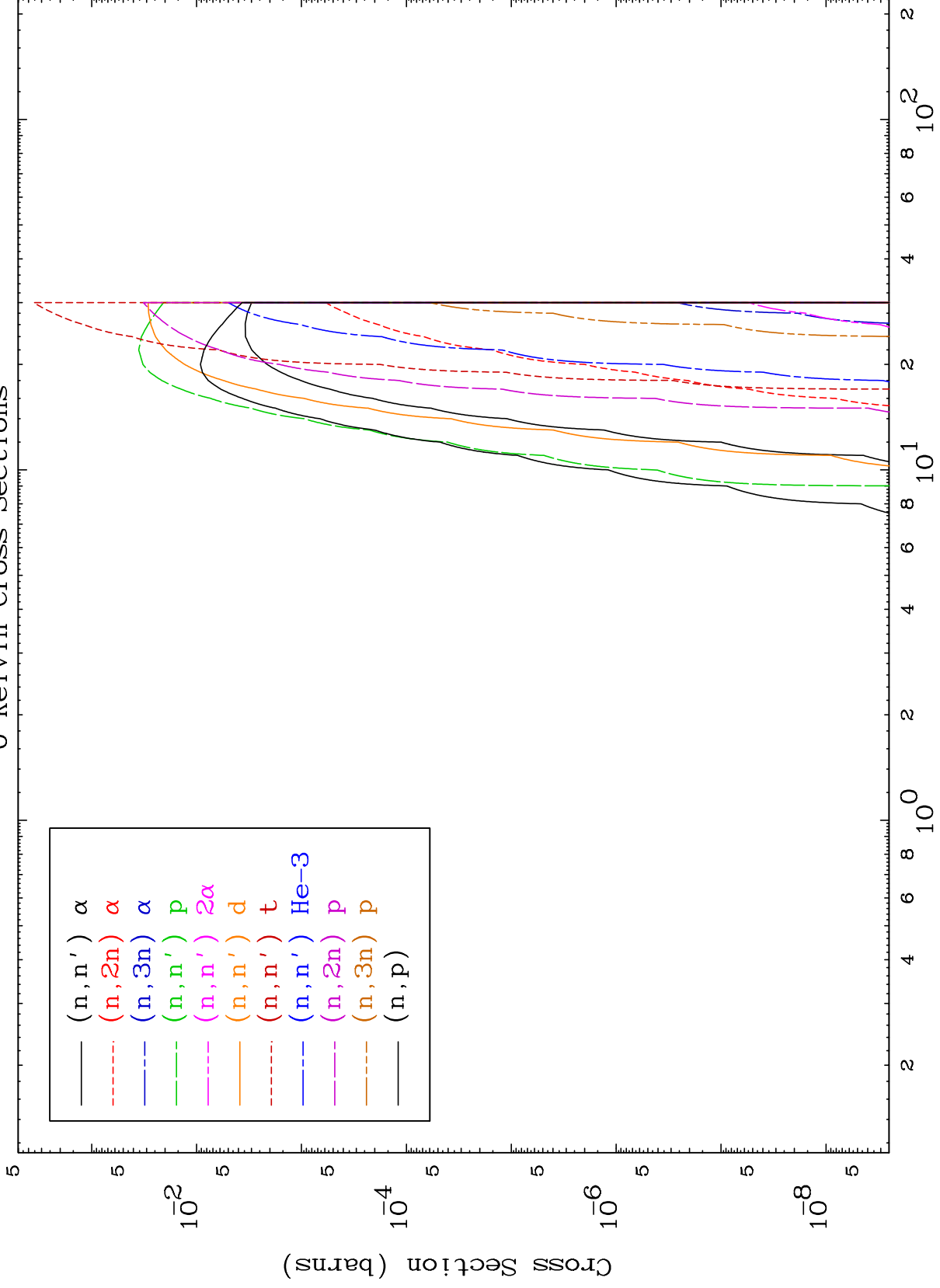
Incident Energy (MeV)

MAT 5828

He-3 Neutron Absorption  
0 Kelvin Cross Sections

58-Ce-137

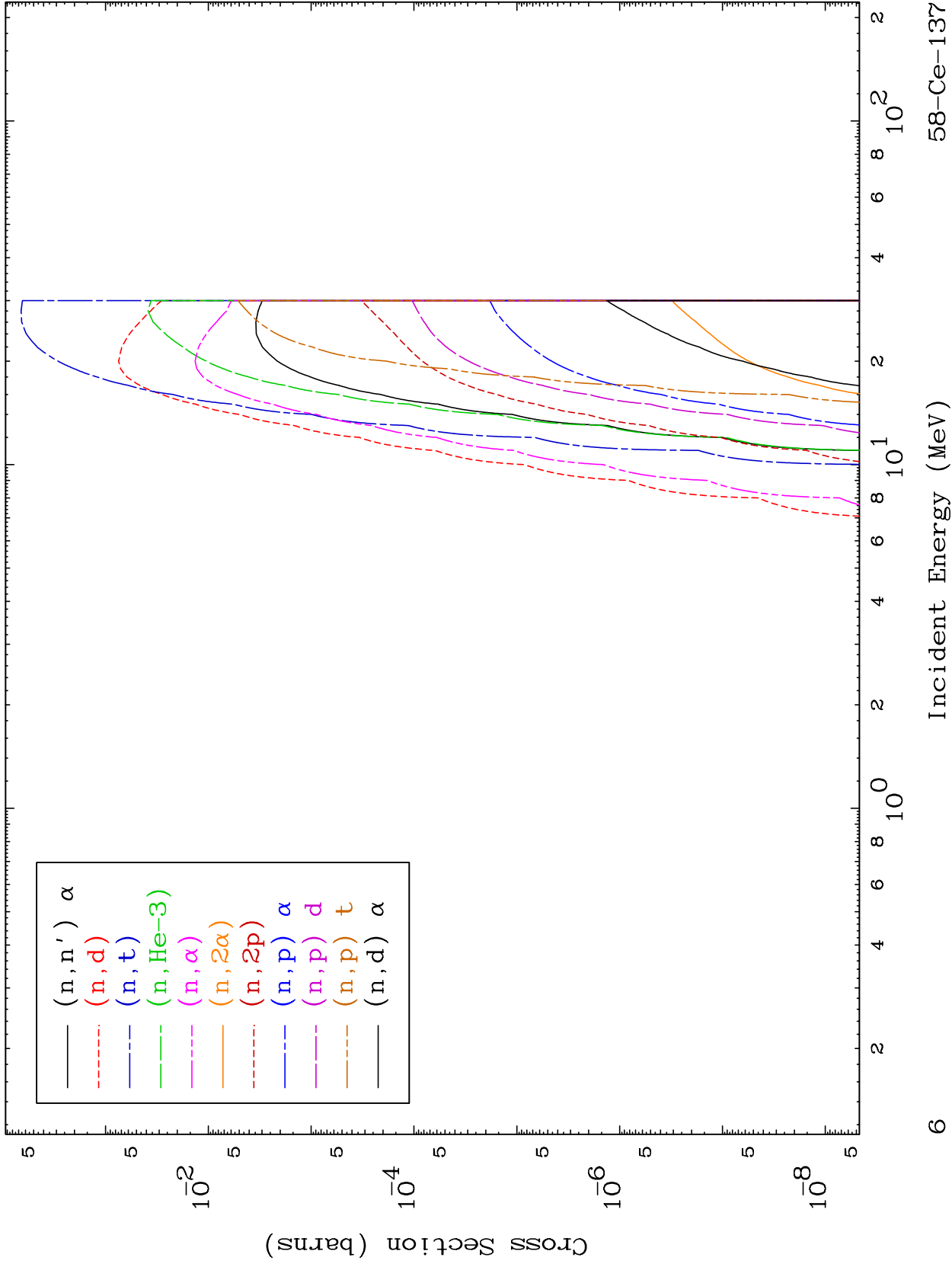




MAT 5828

He-3 Charged Particle  
0 Kelvin Cross Sections

58-Ce-137



58-Ce-137

Incident Energy (MeV)

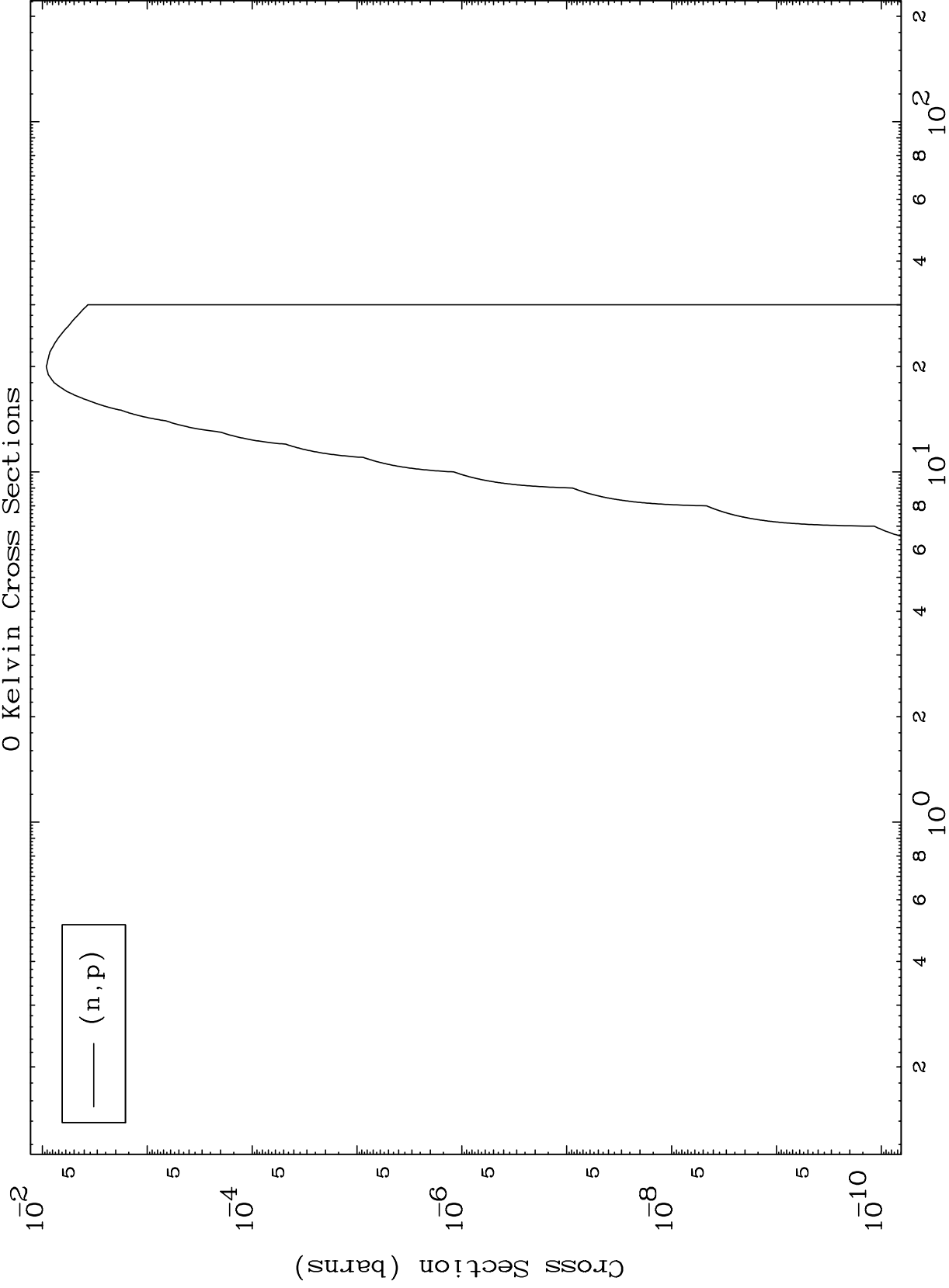
6

MAT 5828

(He-3,p) Levels

58-Ce-137

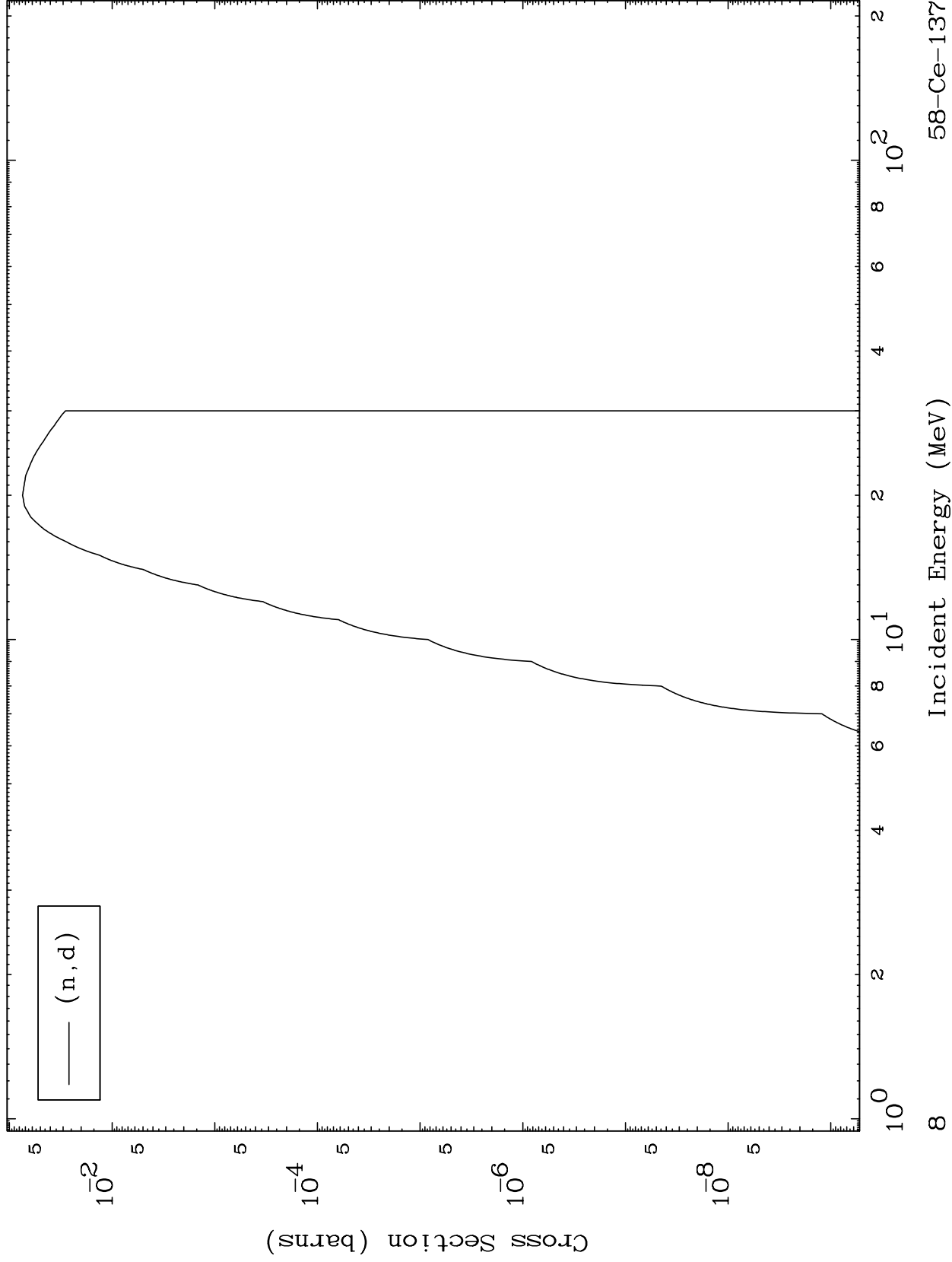
0 Kelvin Cross Sections



MAT 5828

(He-3,d) Levels  
0 Kelvin Cross Sections

58-Ce-137



Incident Energy (MeV)

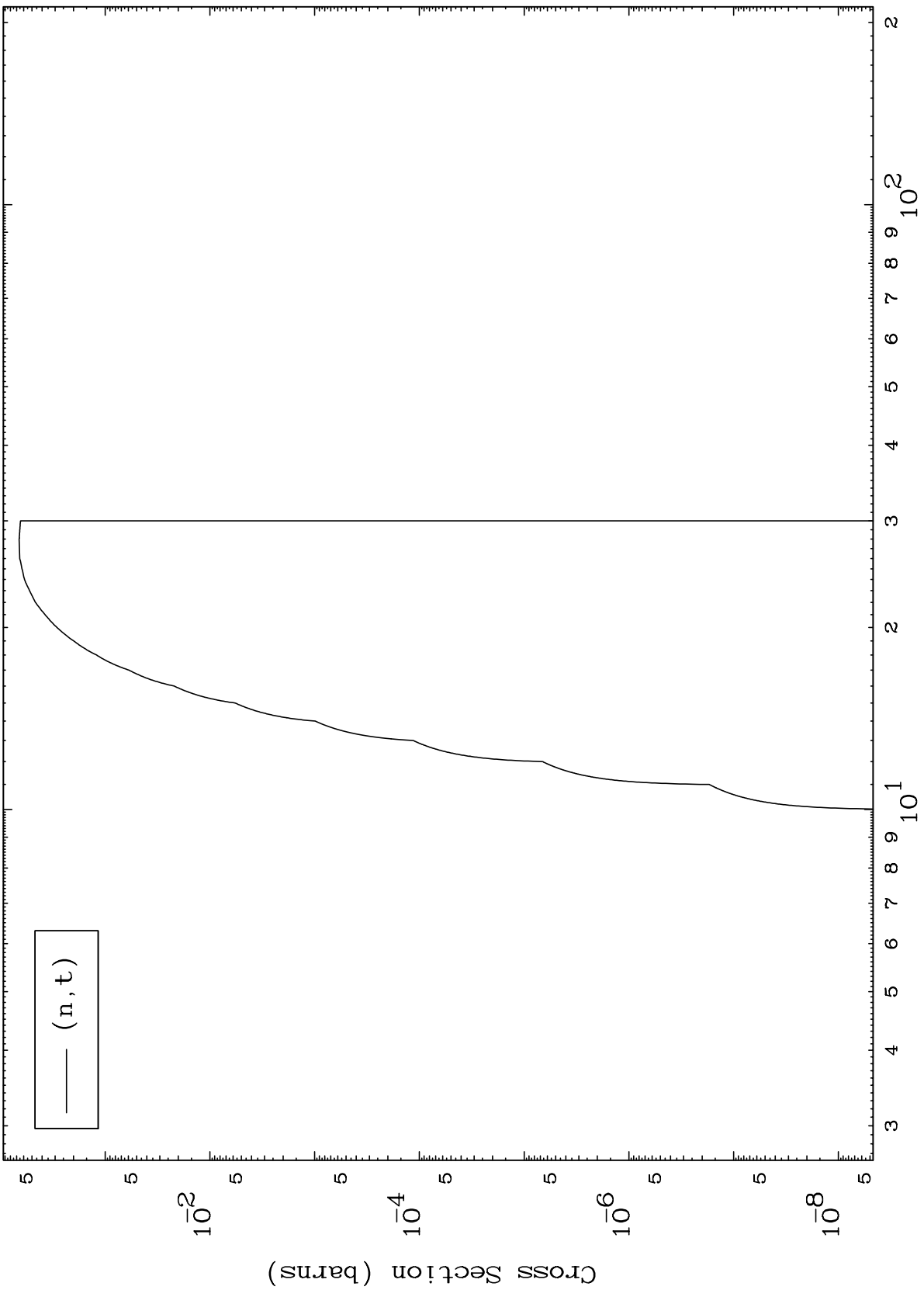
58-Ce-137

MAT 5828

(He-3,t) Levels

58-Ce-137

0 Kelvin Cross Sections



9

Incident Energy (MeV)

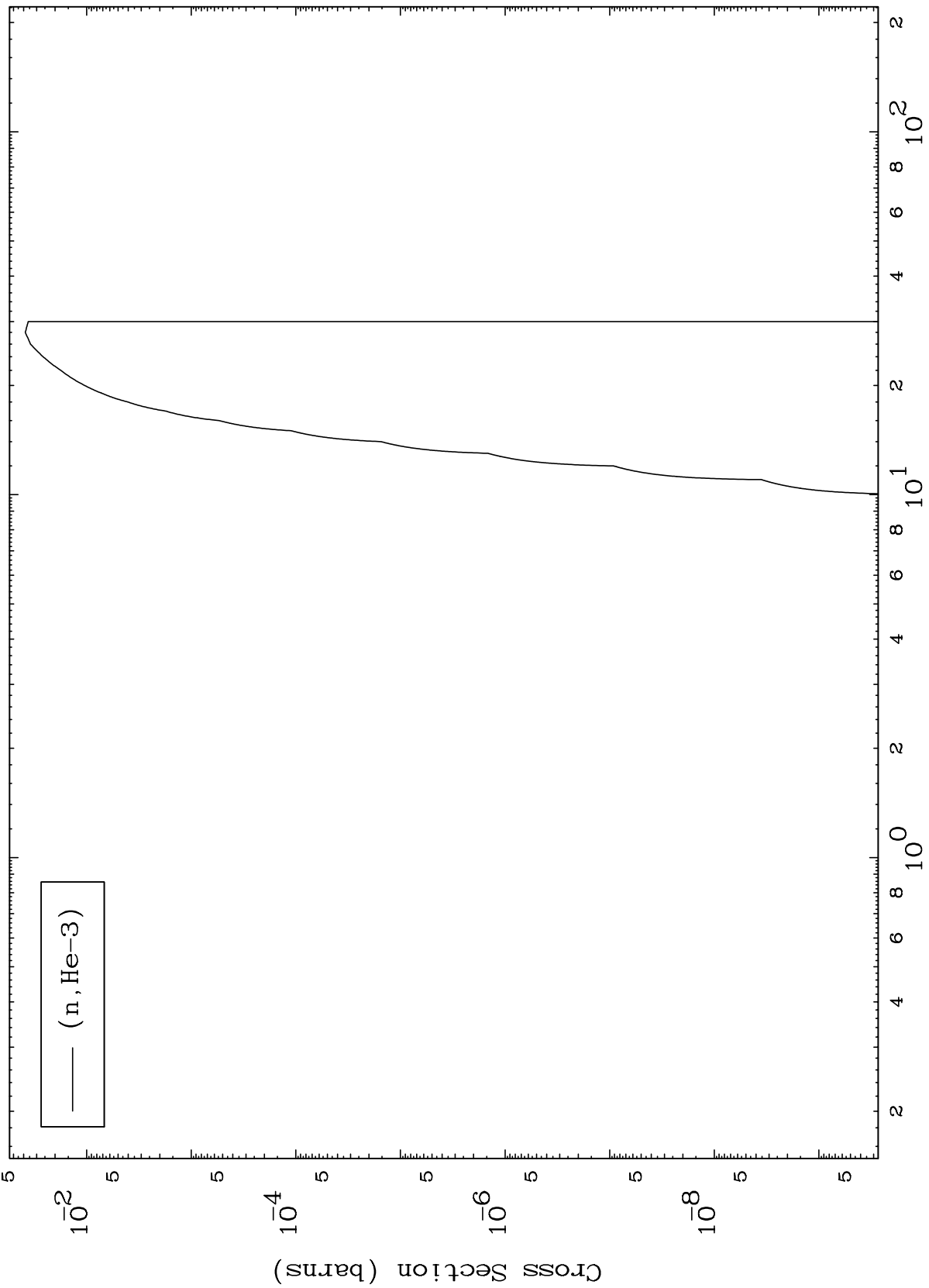
58-Ce-137

MAT 5828

(He-3, He3) Levels

58-Ce-137

0 Kelvin Cross Sections



10

Incident Energy (MeV)

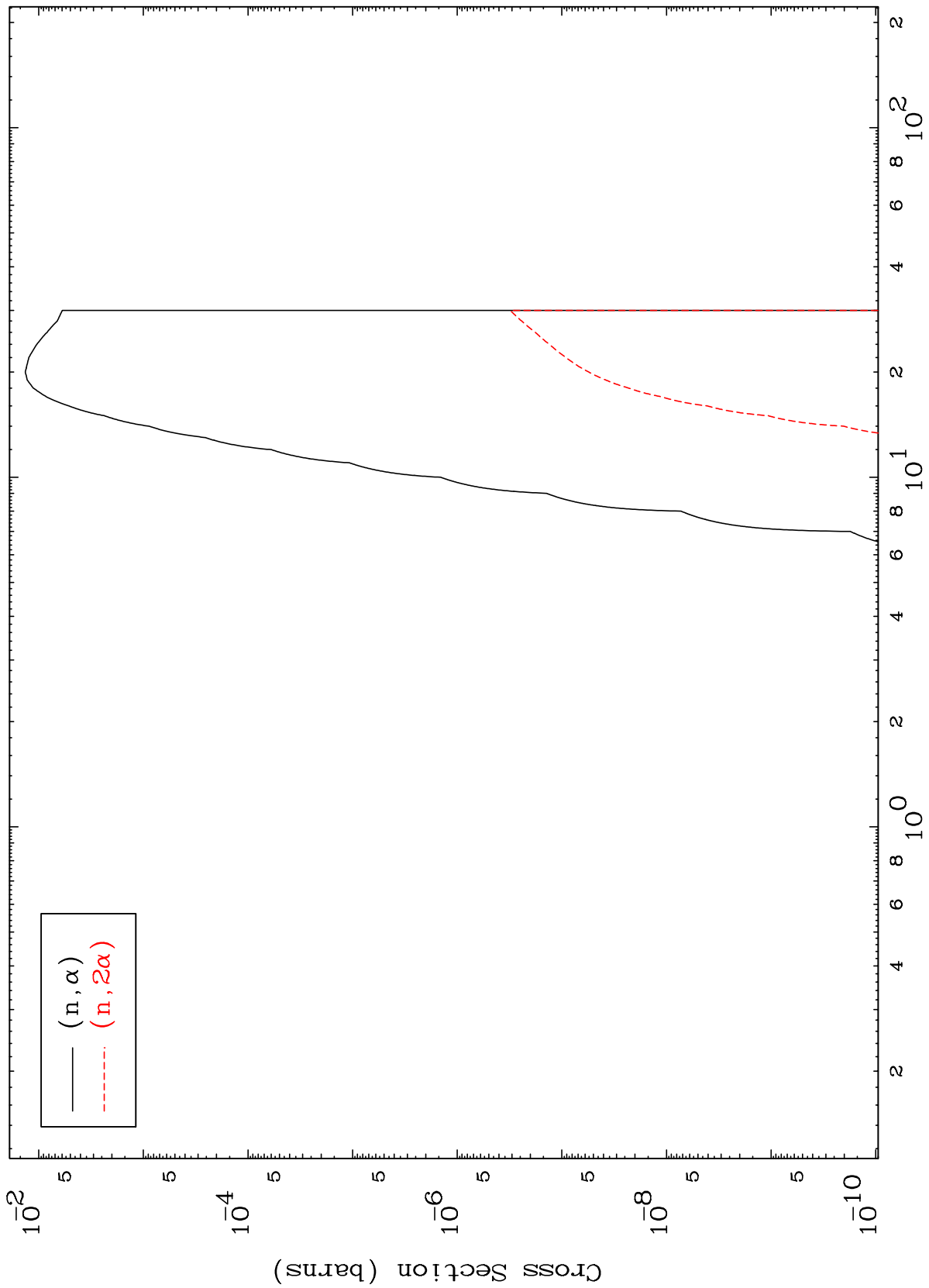
58-Ce-137

MAT 5828

(He-3,  $\alpha$ ) Levels

58-Ce-137

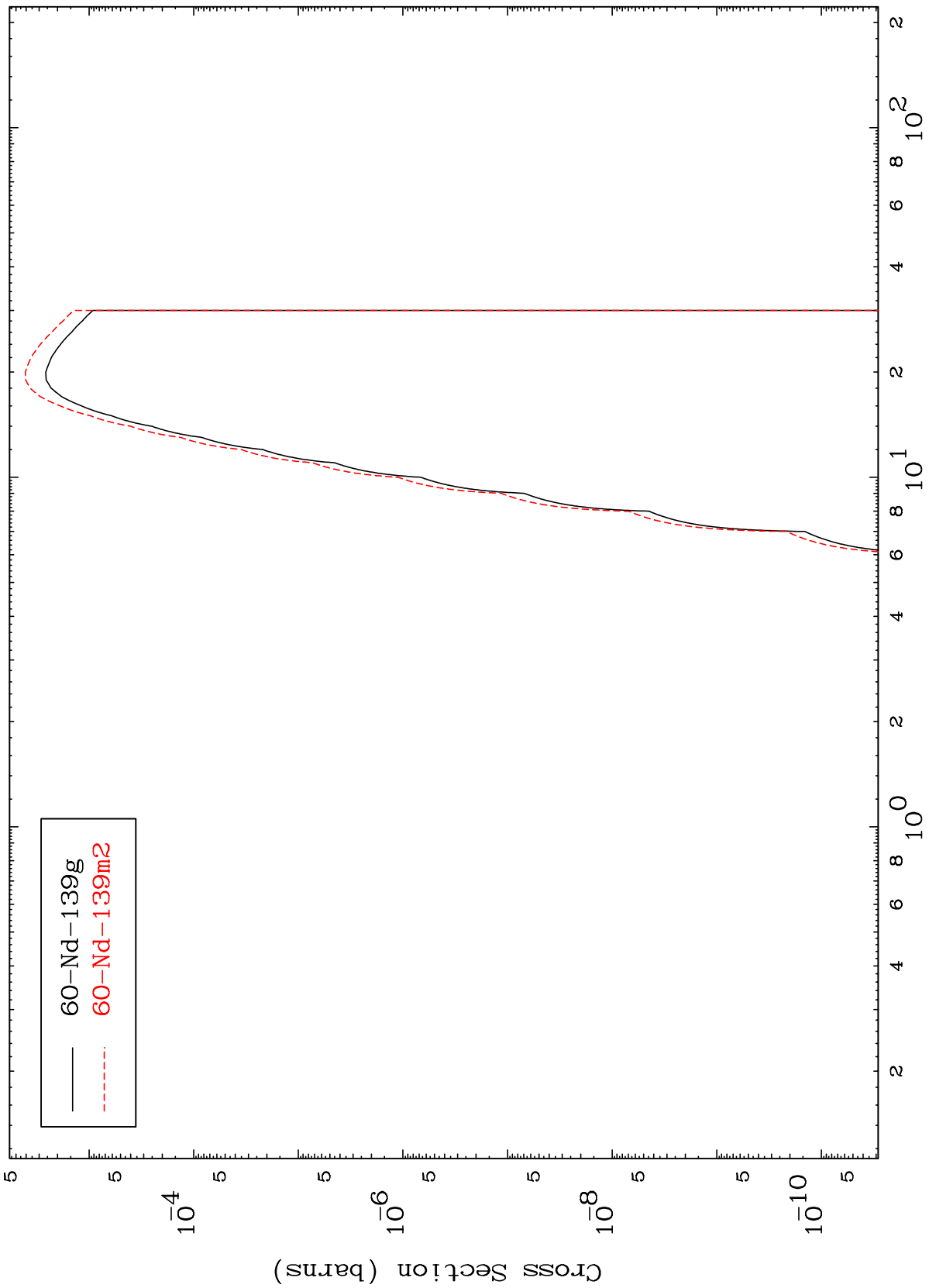
0 Kelvin Cross Sections



MAT 5828

58-Ce-137

Inelastic  
Radionuclide Production Cross Section



58-Ce-137

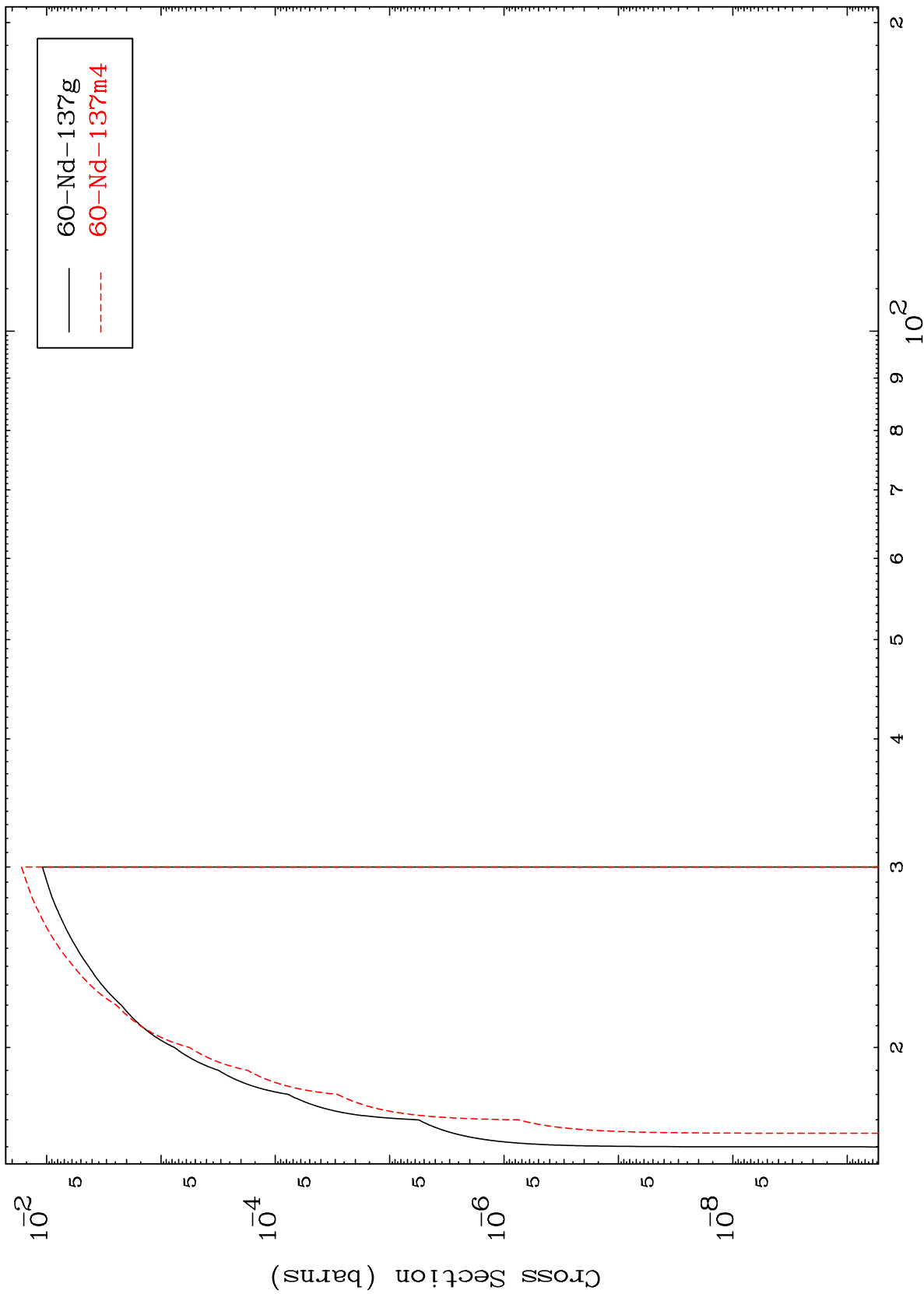
Incident Energy (MeV)

12

MAT 5828

58-Ce-137

(n,3n)  
Radionuclide Production Cross Section



13

Incident Energy (MeV)

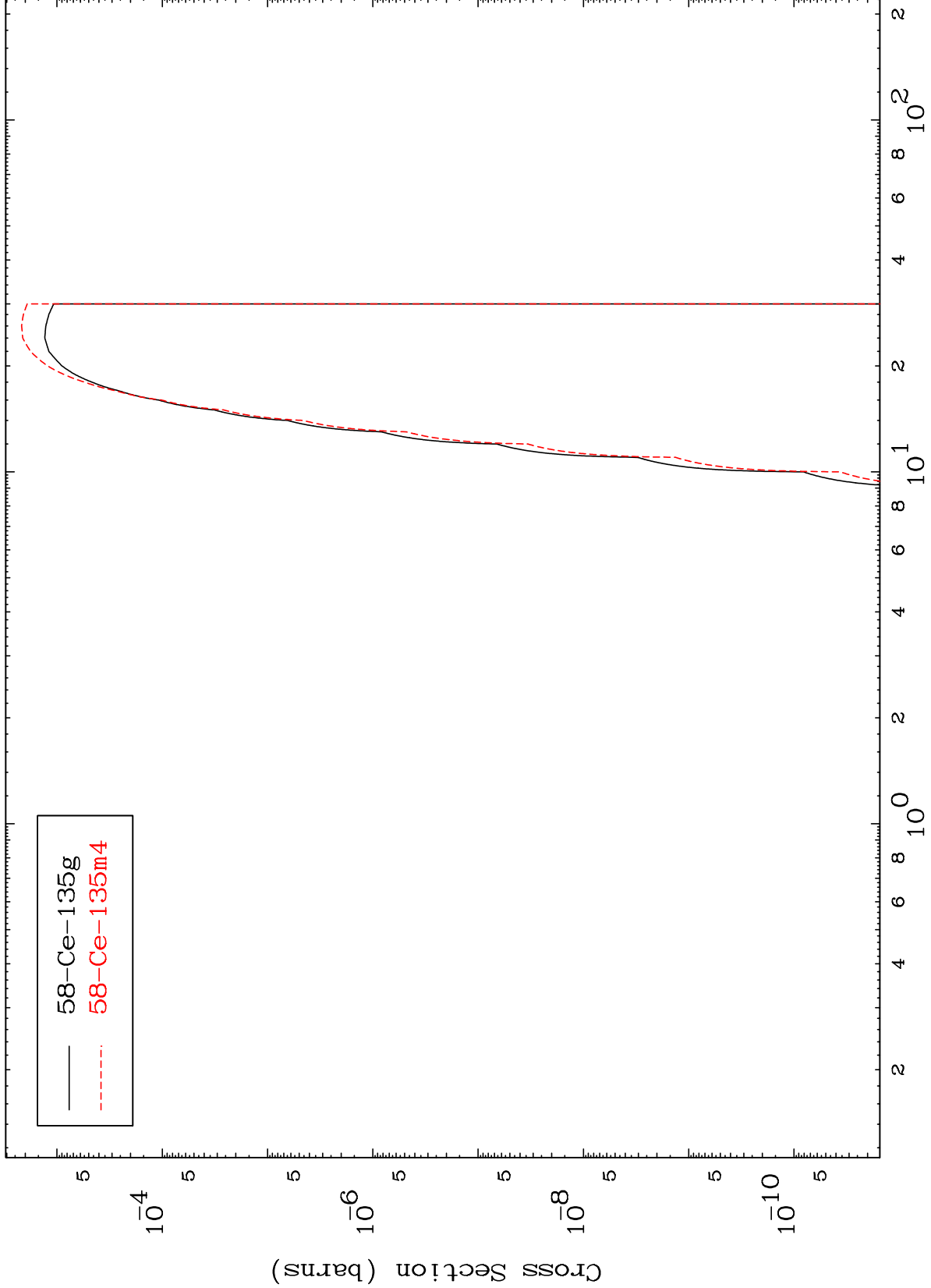
58-Ce-137

MAT 5828

(n,n')  $\alpha$

58-Ce-137

Radionuclide Production Cross Section

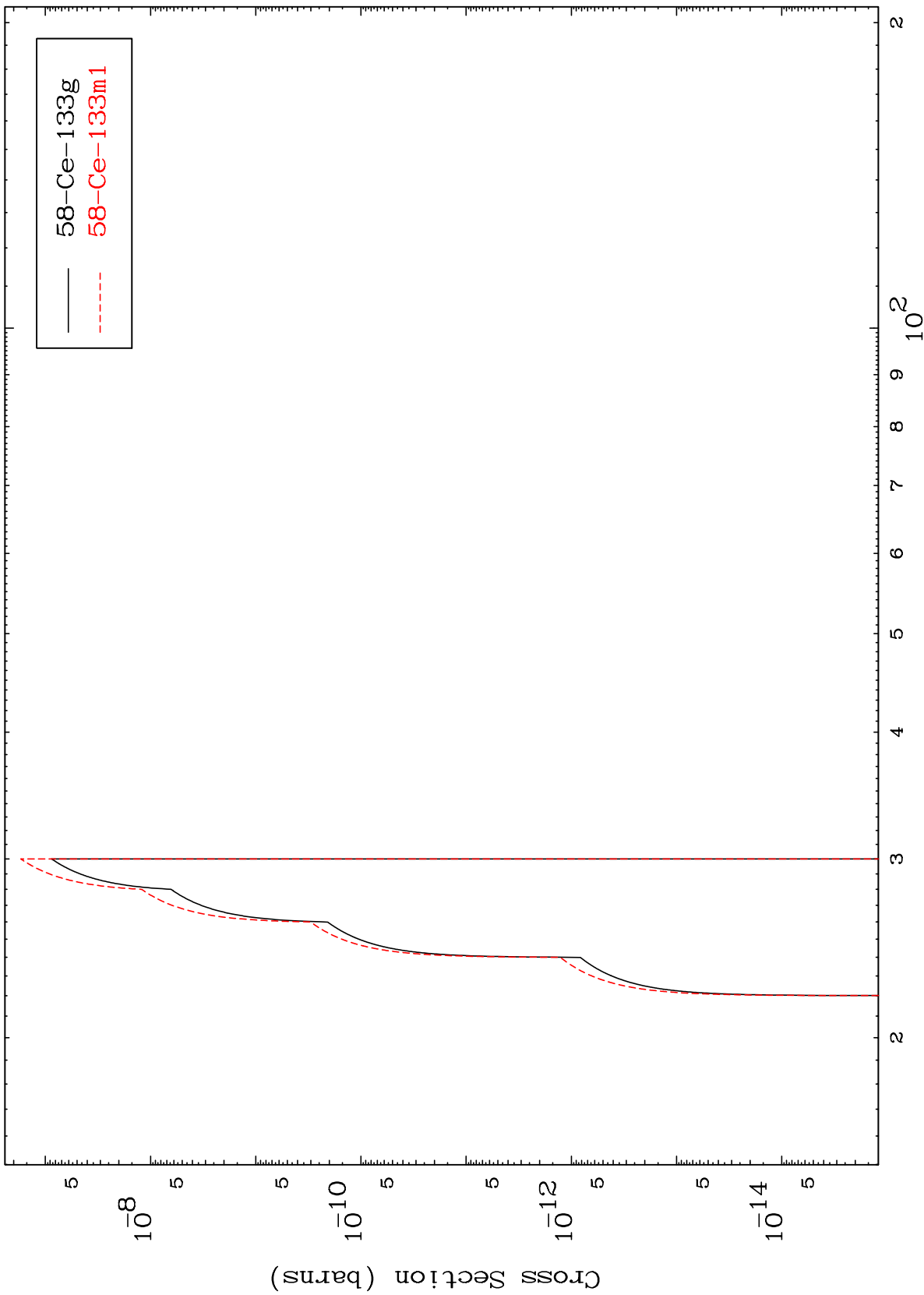


MAT 5828

(n,3n)  $\alpha$

58-Ce-137

Radionuclide Production Cross Section



15

Incident Energy (MeV)

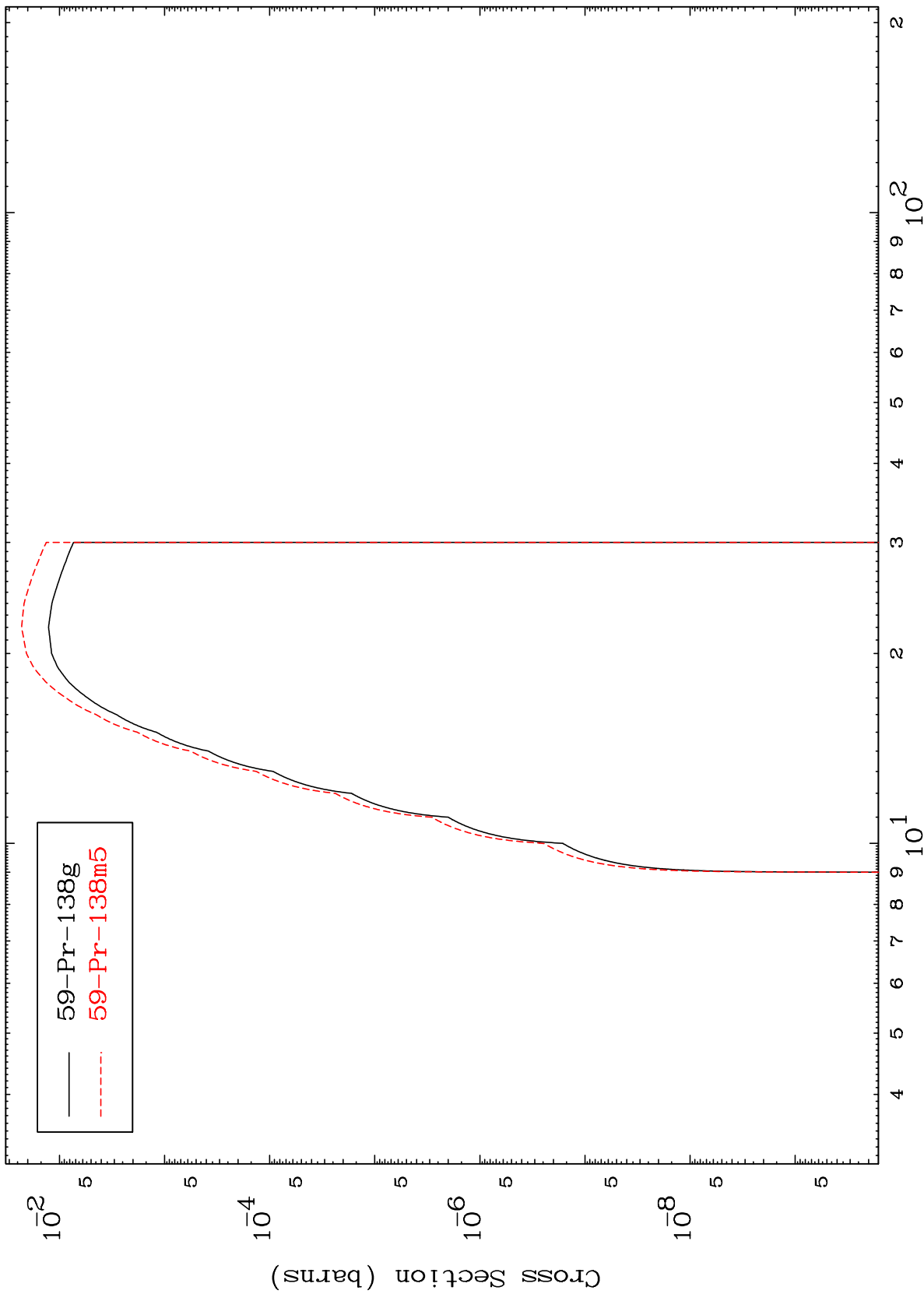
58-Ce-137

MAT 5828

(n,n') p

58-Ce-137

Radionuclide Production Cross Section



16

Incident Energy (MeV)

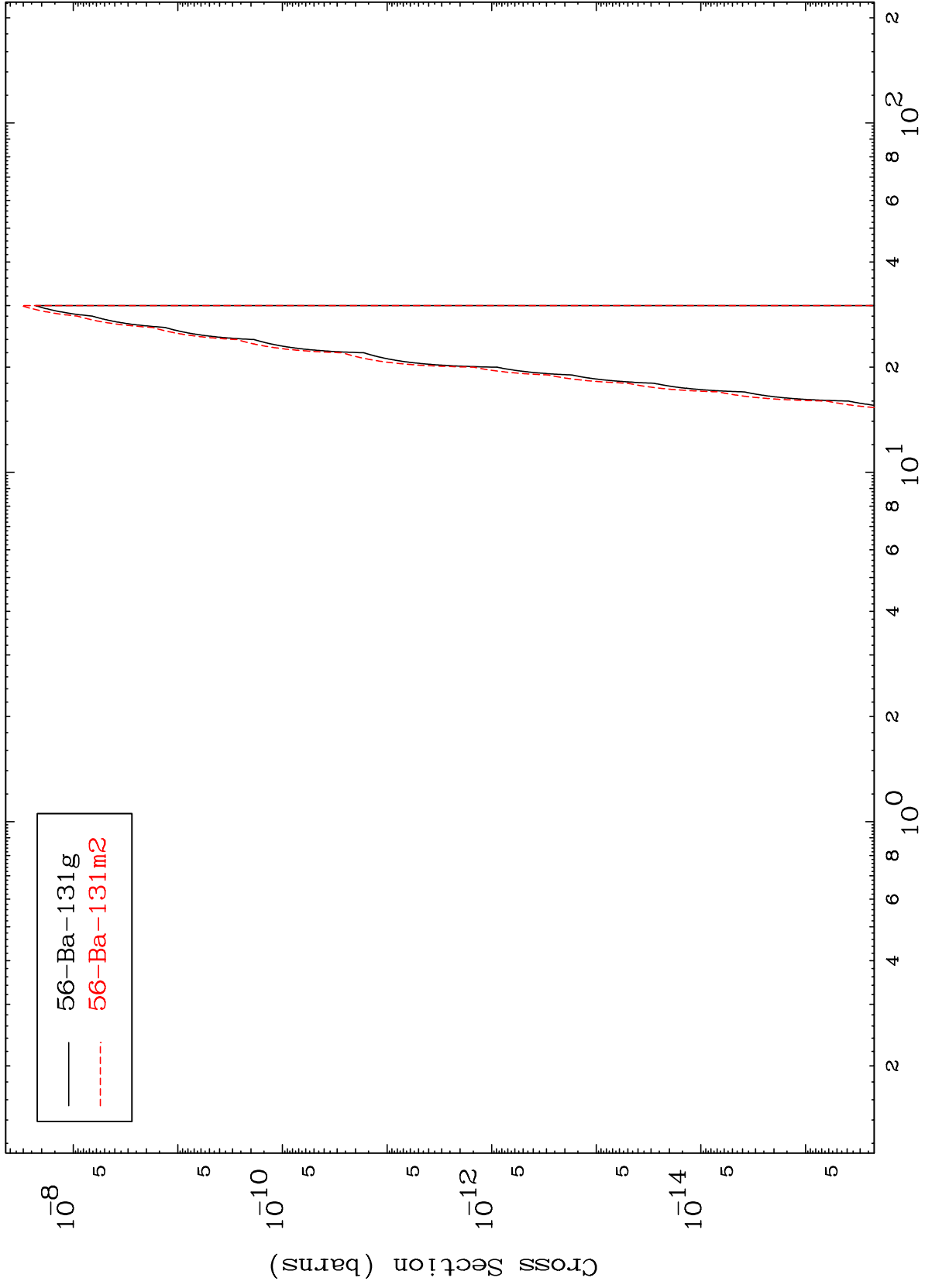
58-Ce-137

MAT 5828

(n,n') 2 $\alpha$

58-Ce-137

Radionuclide Production Cross Section

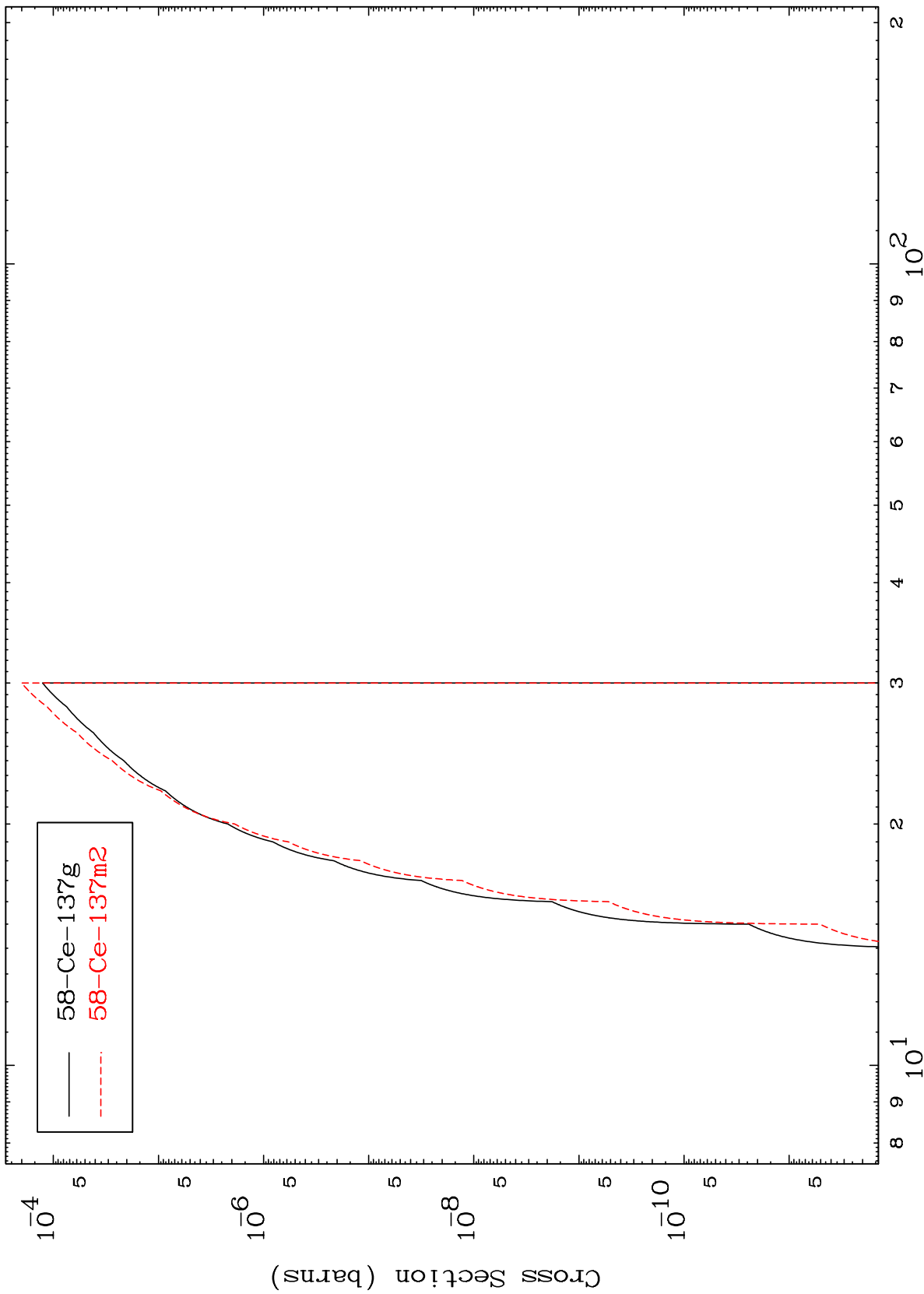


MAT 5828

(n,2n) p

58-Ce-137

Radionuclide Production Cross Section



18

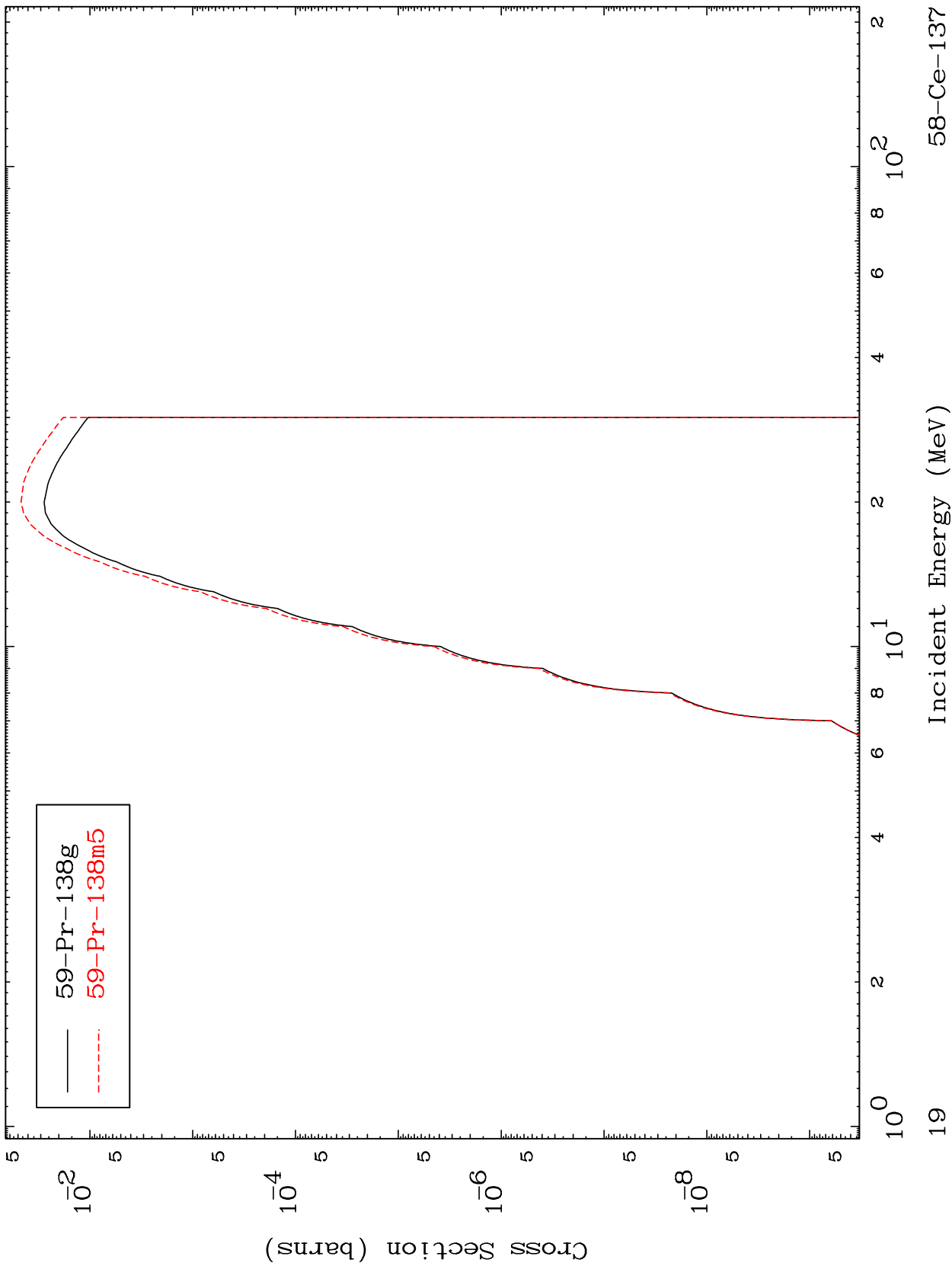
Incident Energy (MeV)

58-Ce-137

MAT 5828

58-Ce-137

(n,d)  
Radionuclide Production Cross Section



— 59-Pr-138g  
- - - 59-Pr-138m5

58-Ce-137

Incident Energy (MeV)

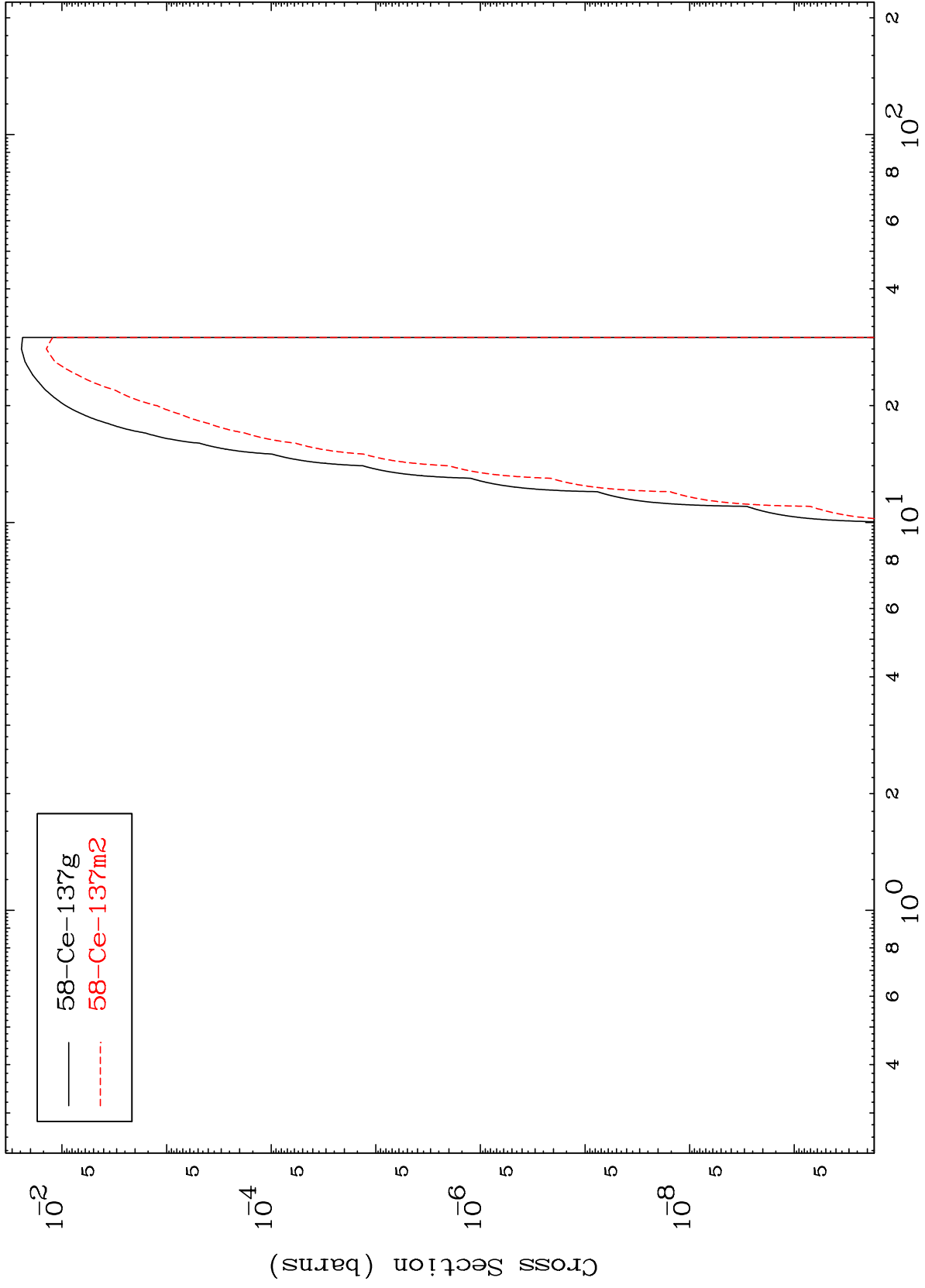
19

MAT 5828

(n,He-3)

58-Ce-137

Radionuclide Production Cross Section



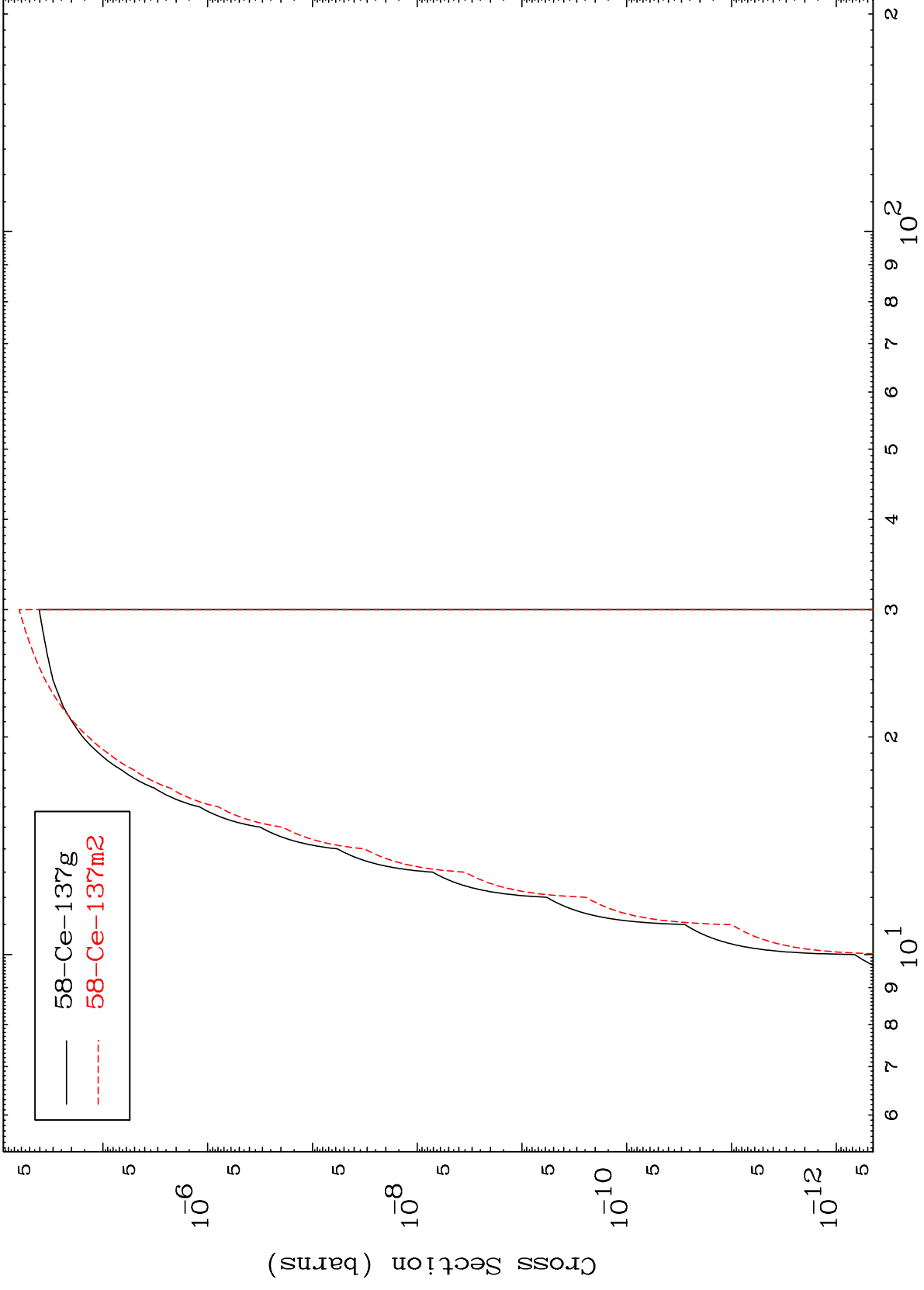
58-Ce-137g  
58-Ce-137m2

MAT 5828

(n,p) d

58-Ce-137

Radionuclide Production Cross Section



58-Ce-137g  
58-Ce-137m2