

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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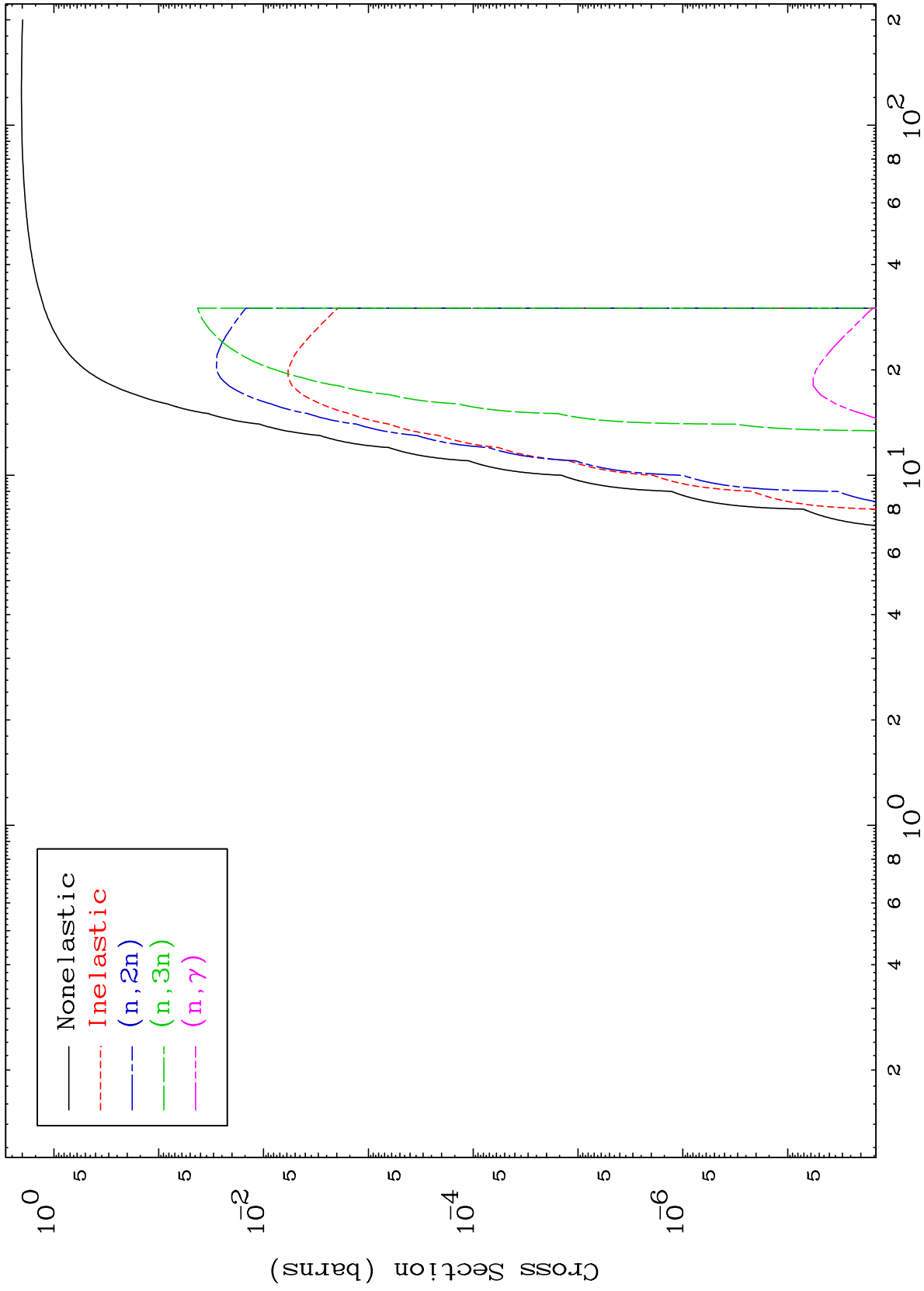
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5837

He-3 Major  
0 Kelvin Cross Sections

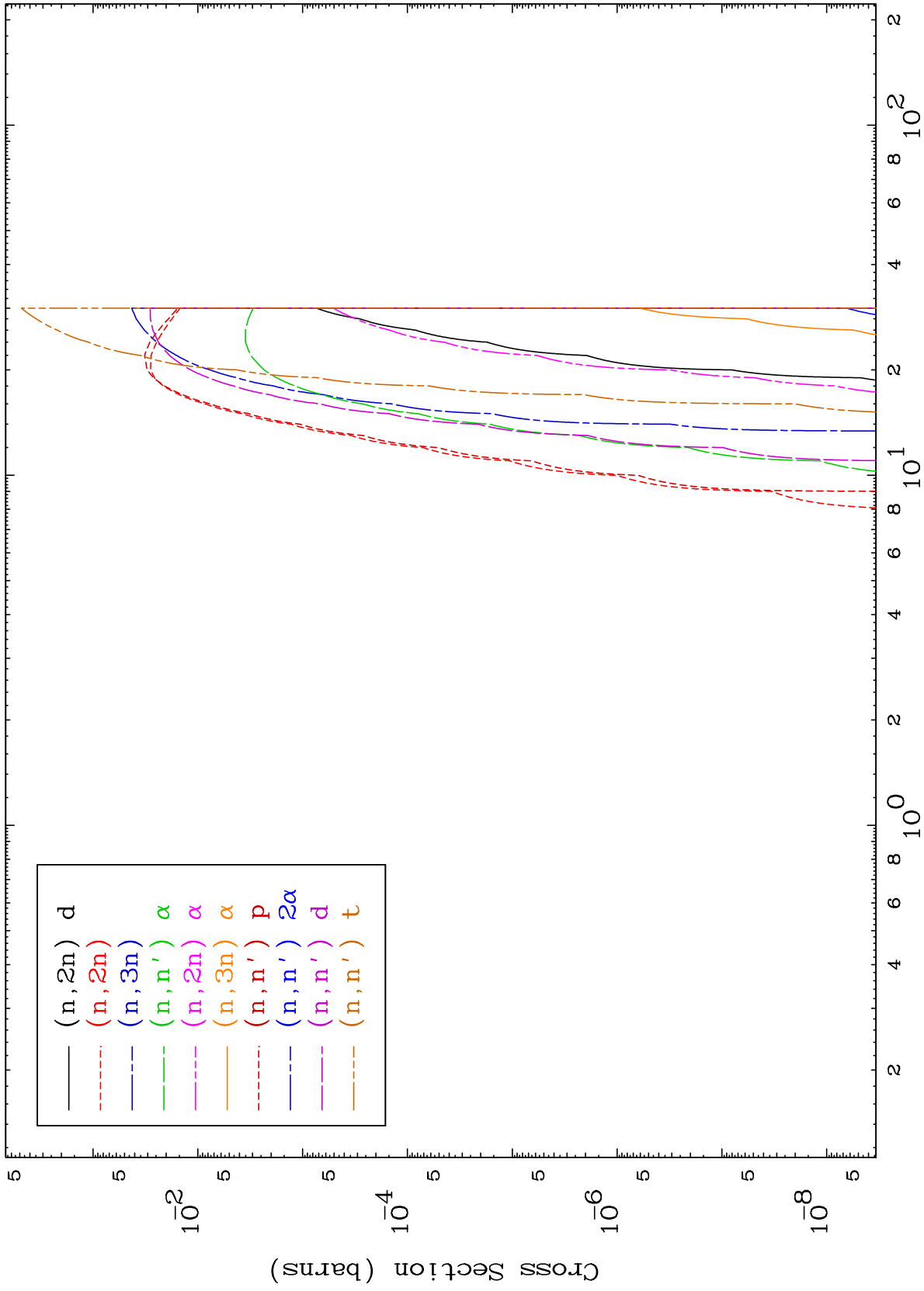
58-Ce-140



MAT 5837

He-3 Neutron Absorption  
0 Kelvin Cross Sections

58-Ce-140



2

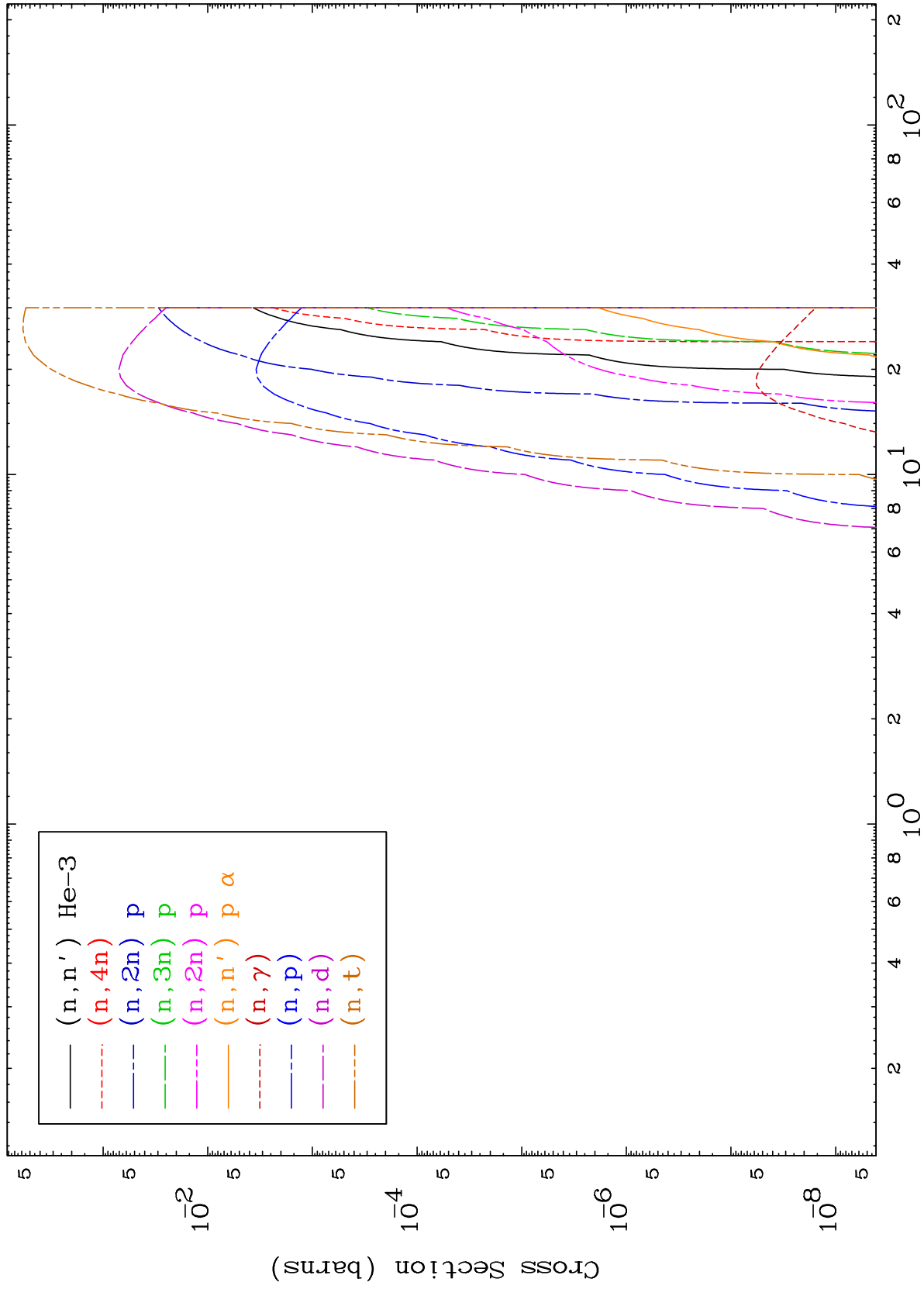
Incident Energy (MeV)

58-Ce-140

MAT 5837

He-3 Neutron Absorption  
0 Kelvin Cross Sections

58-Ce-140



3

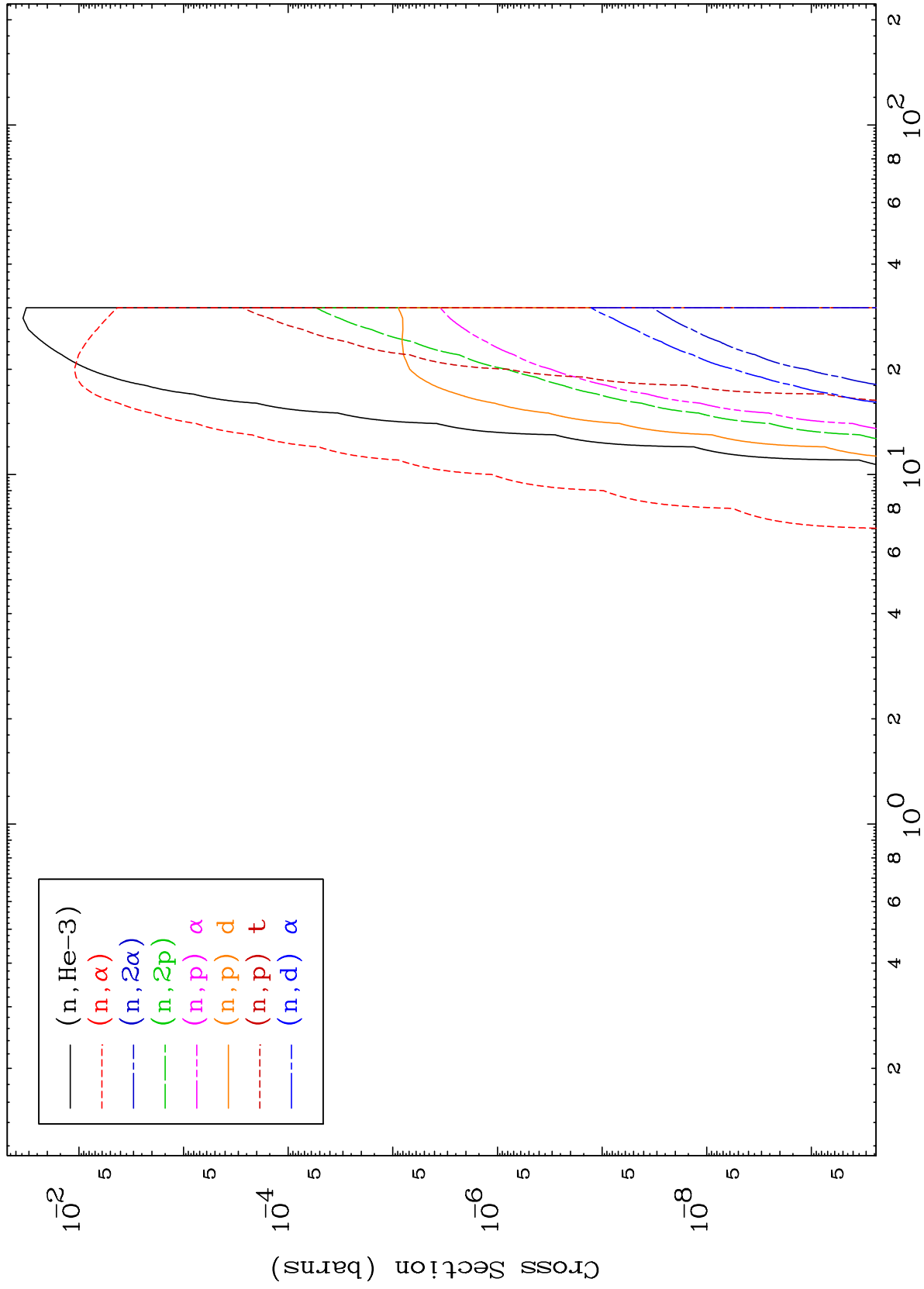
Incident Energy (MeV)

58-Ce-140

MAT 5837

He-3 Neutron Absorption  
0 Kelvin Cross Sections

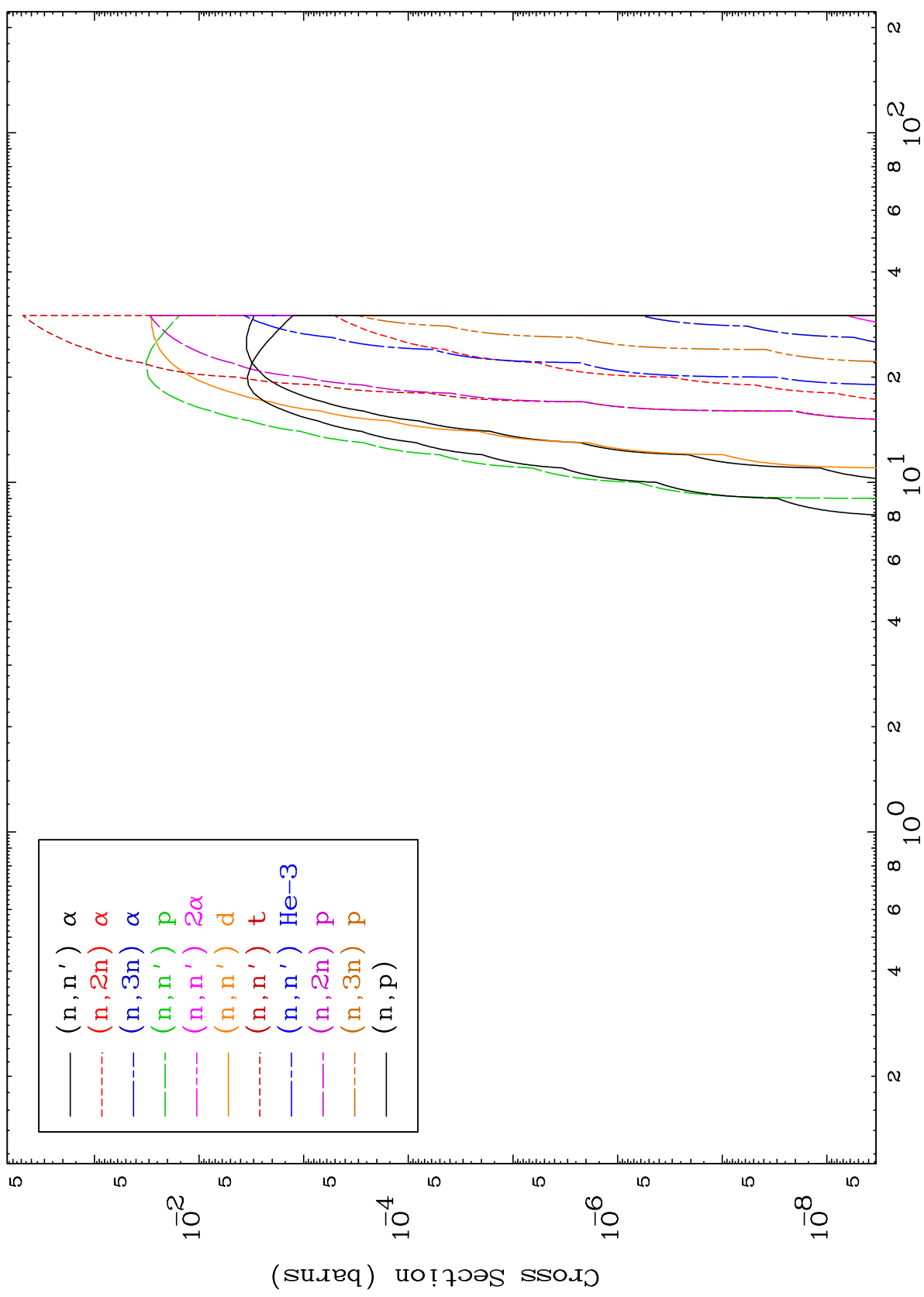
58-Ce-140



MAT 5837

He-3 Charged Particle  
0 Kelvin Cross Sections

58-Ce-140



5

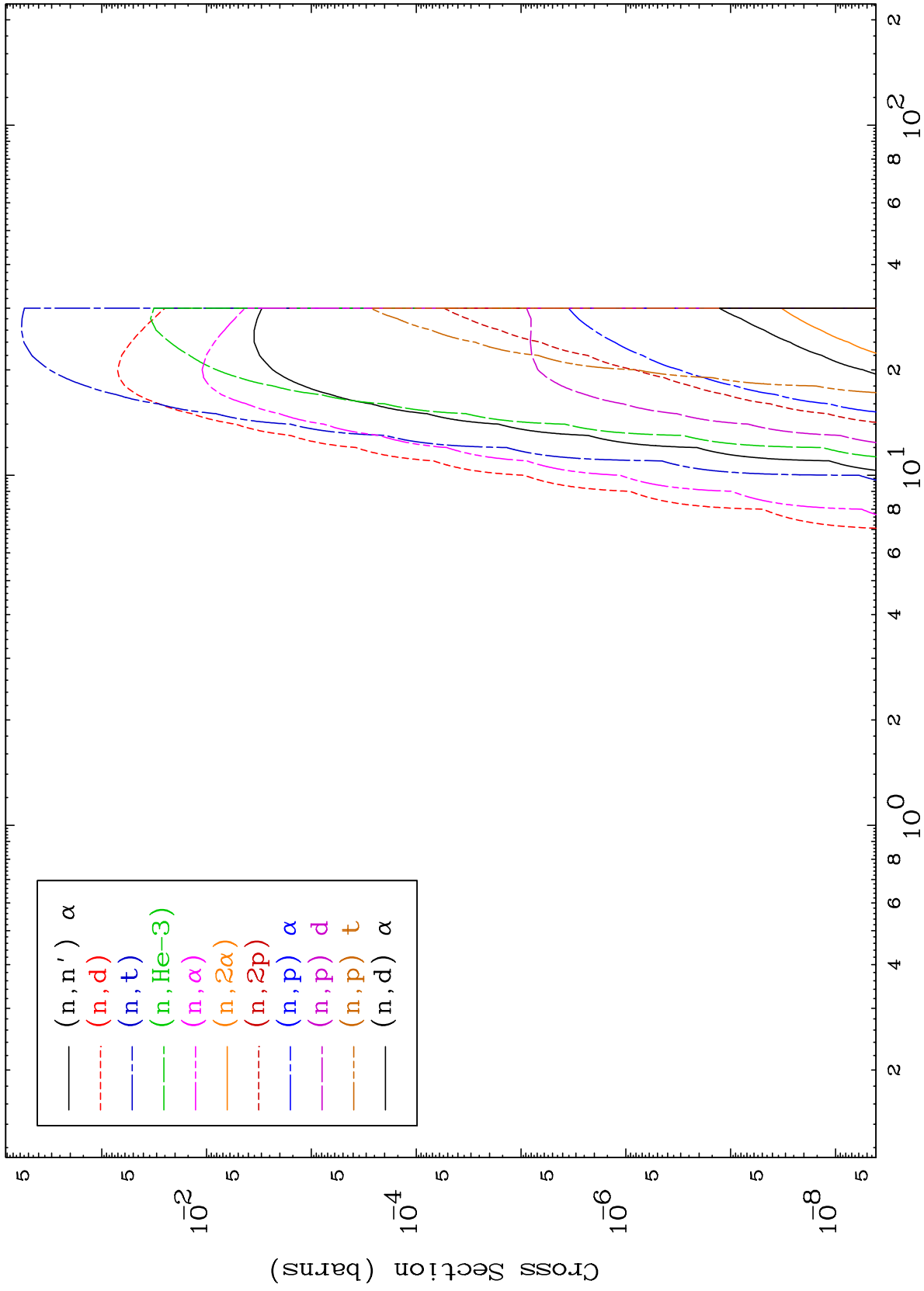
Incident Energy (MeV)

58-Ce-140

MAT 5837

He-3 Charged Particle  
0 Kelvin Cross Sections

58-Ce-140



6

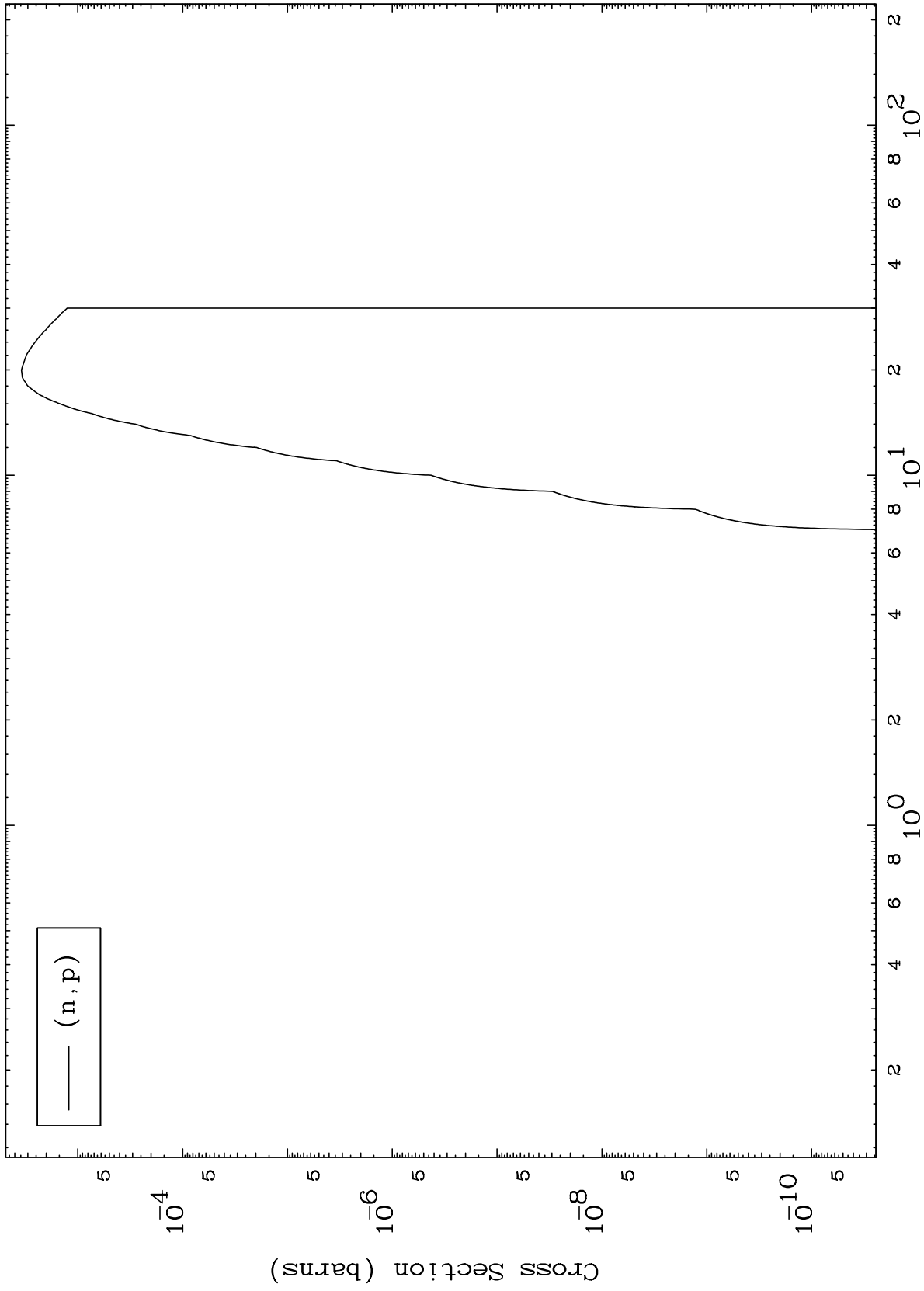
Incident Energy (MeV)

58-Ce-140

MAT 5837

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

58-Ce-140



7

Incident Energy (MeV)

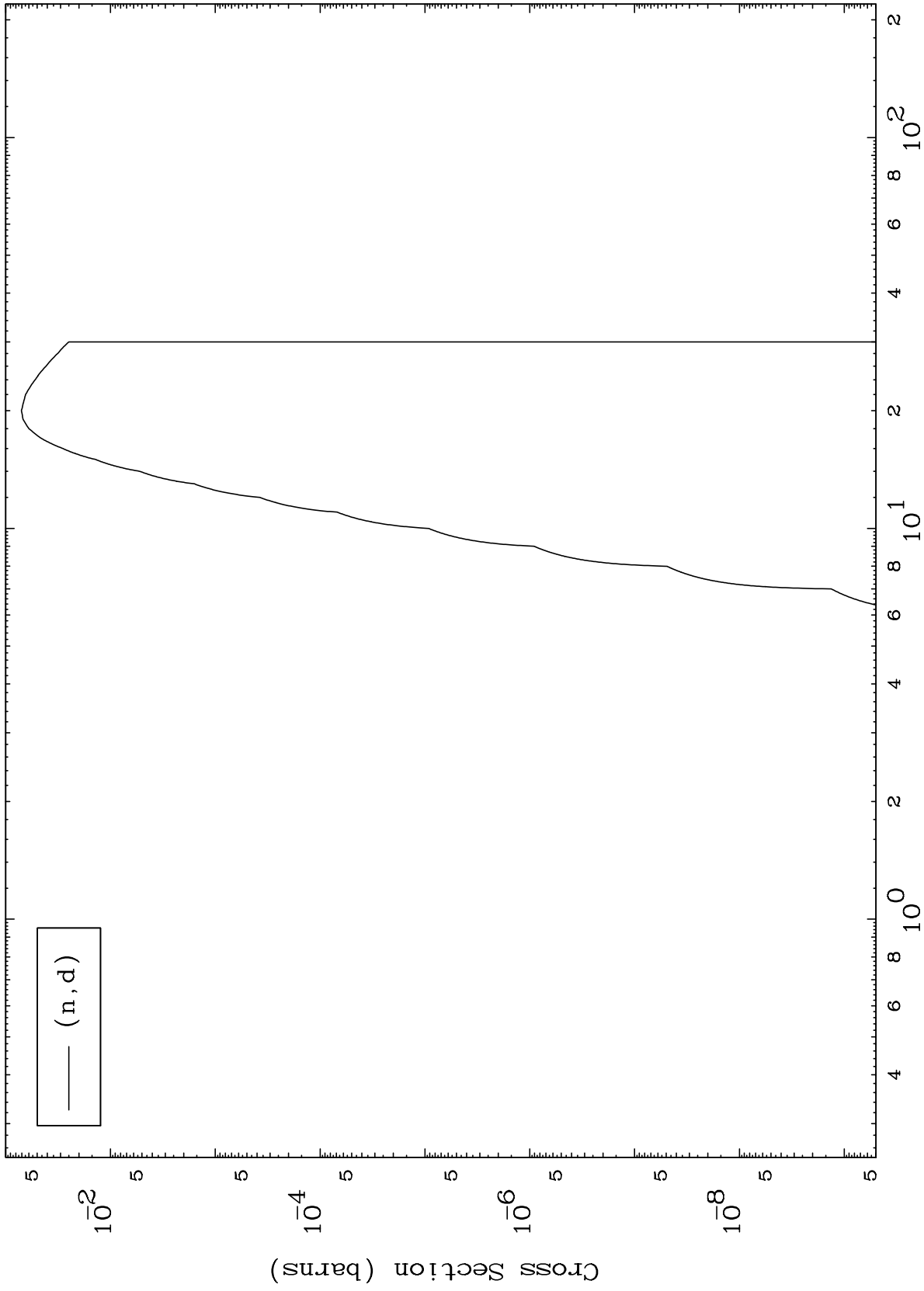
58-Ce-140



MAT 5837

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

58-Ce-140



8

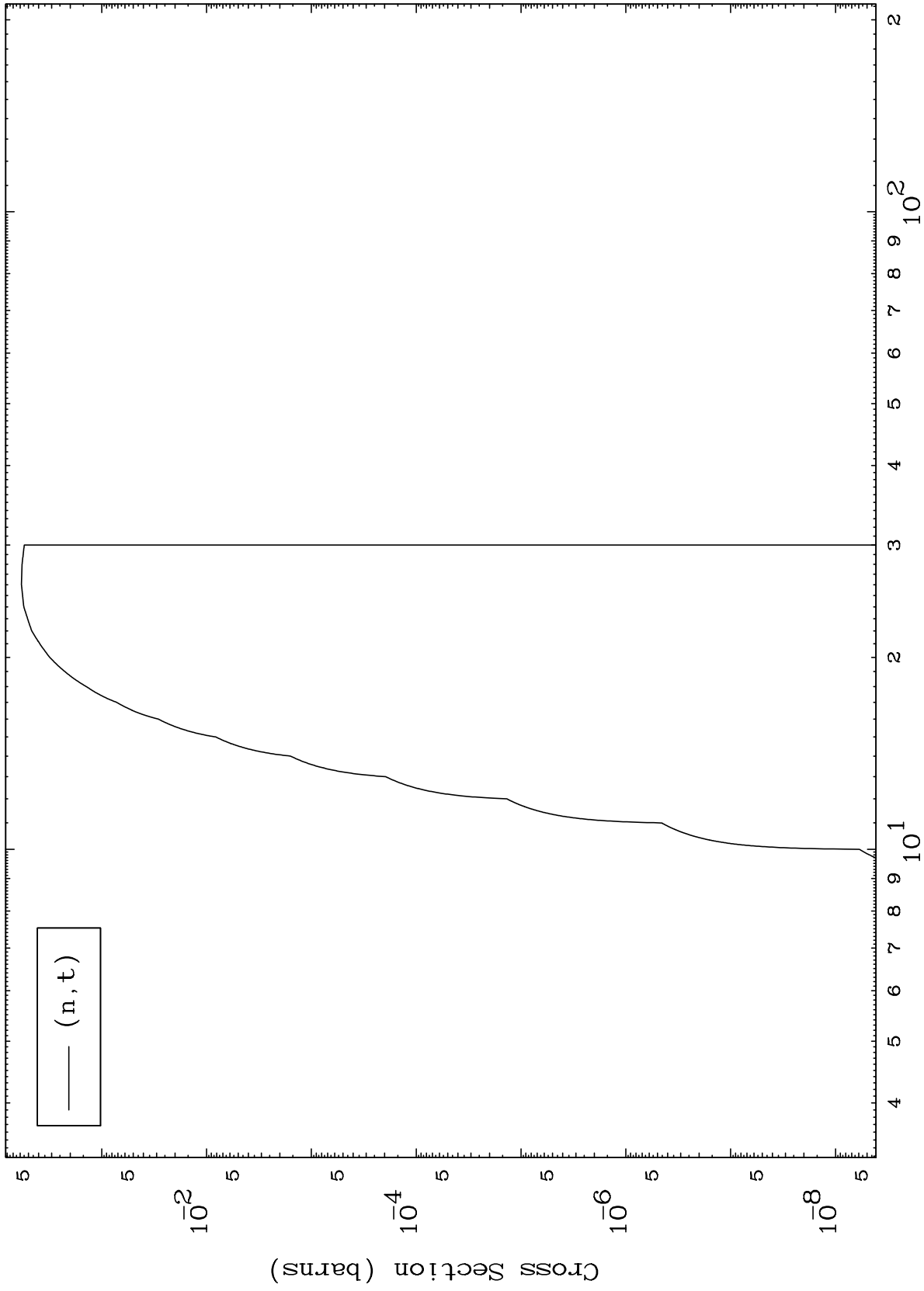
Incident Energy (MeV)

58-Ce-140

MAT 5837

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

58-Ce-140



9

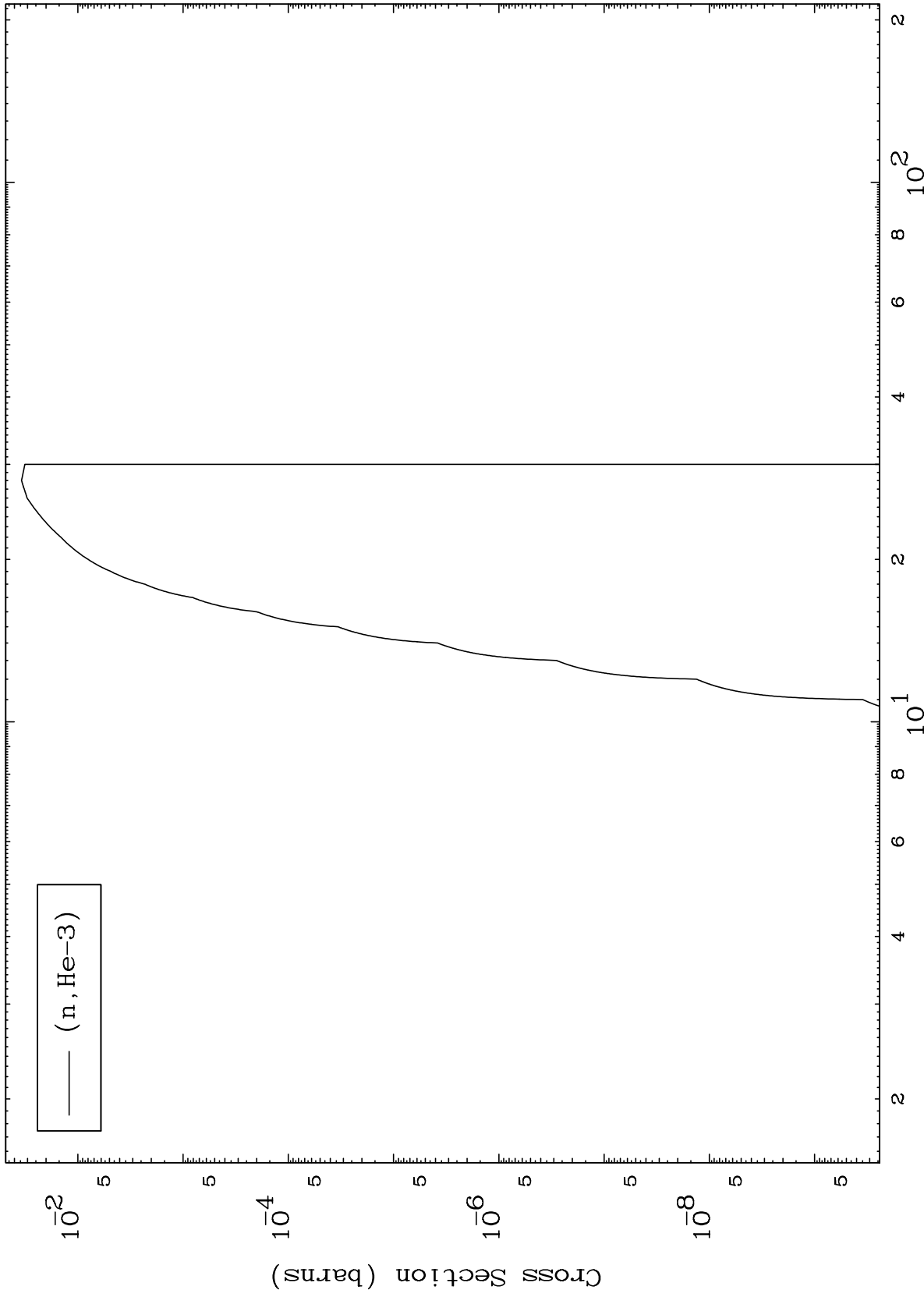
Incident Energy (MeV)

58-Ce-140

MAT 5837

(He-3, He3) Levels  
0 Kelvin Cross Sections

58-Ce-140



10

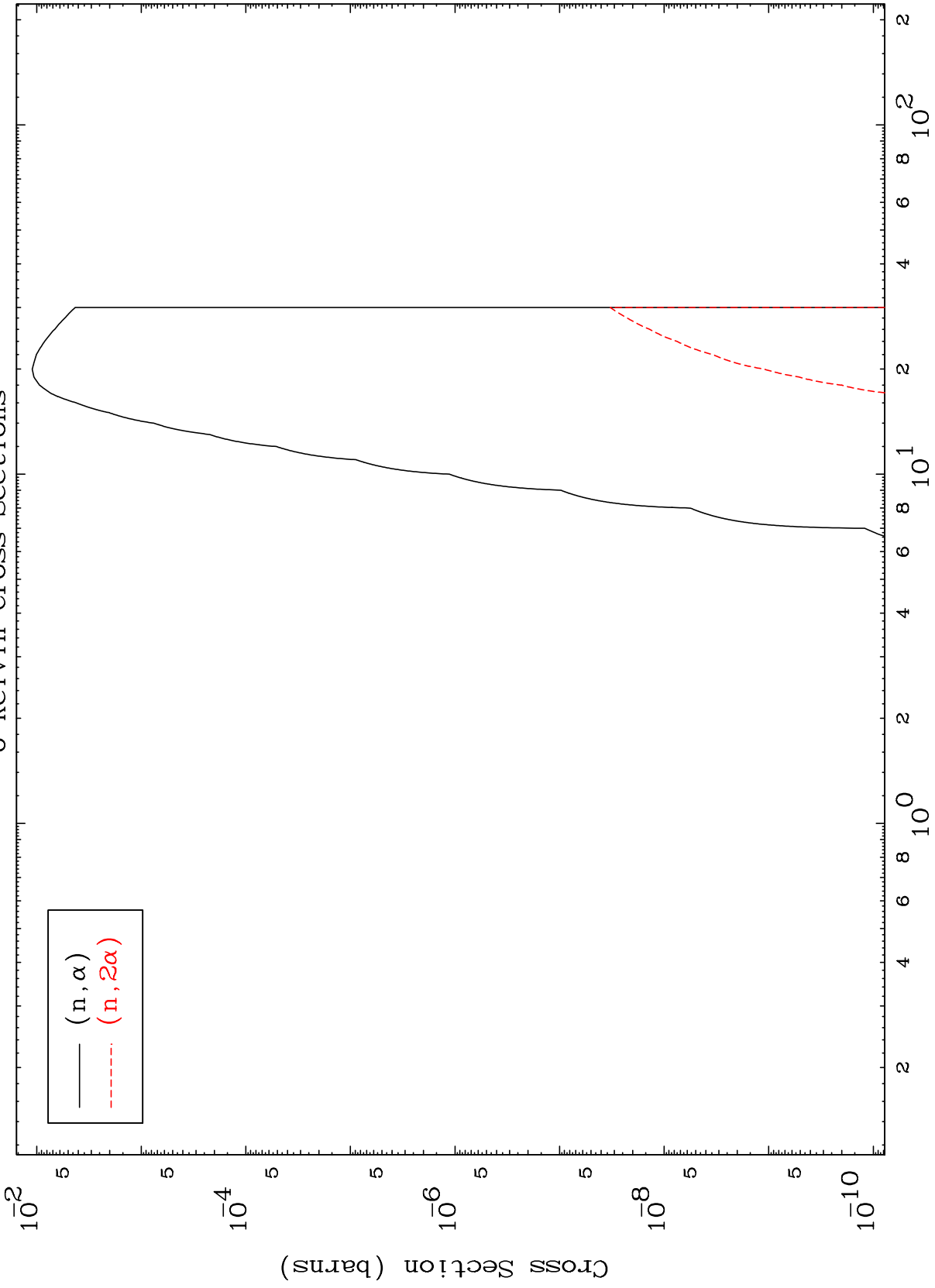
Incident Energy (MeV)

58-Ce-140

MAT 5837

(He-3,  $\alpha$ ) Levels  
0 Kelvin Cross Sections

58-Ce-140



11

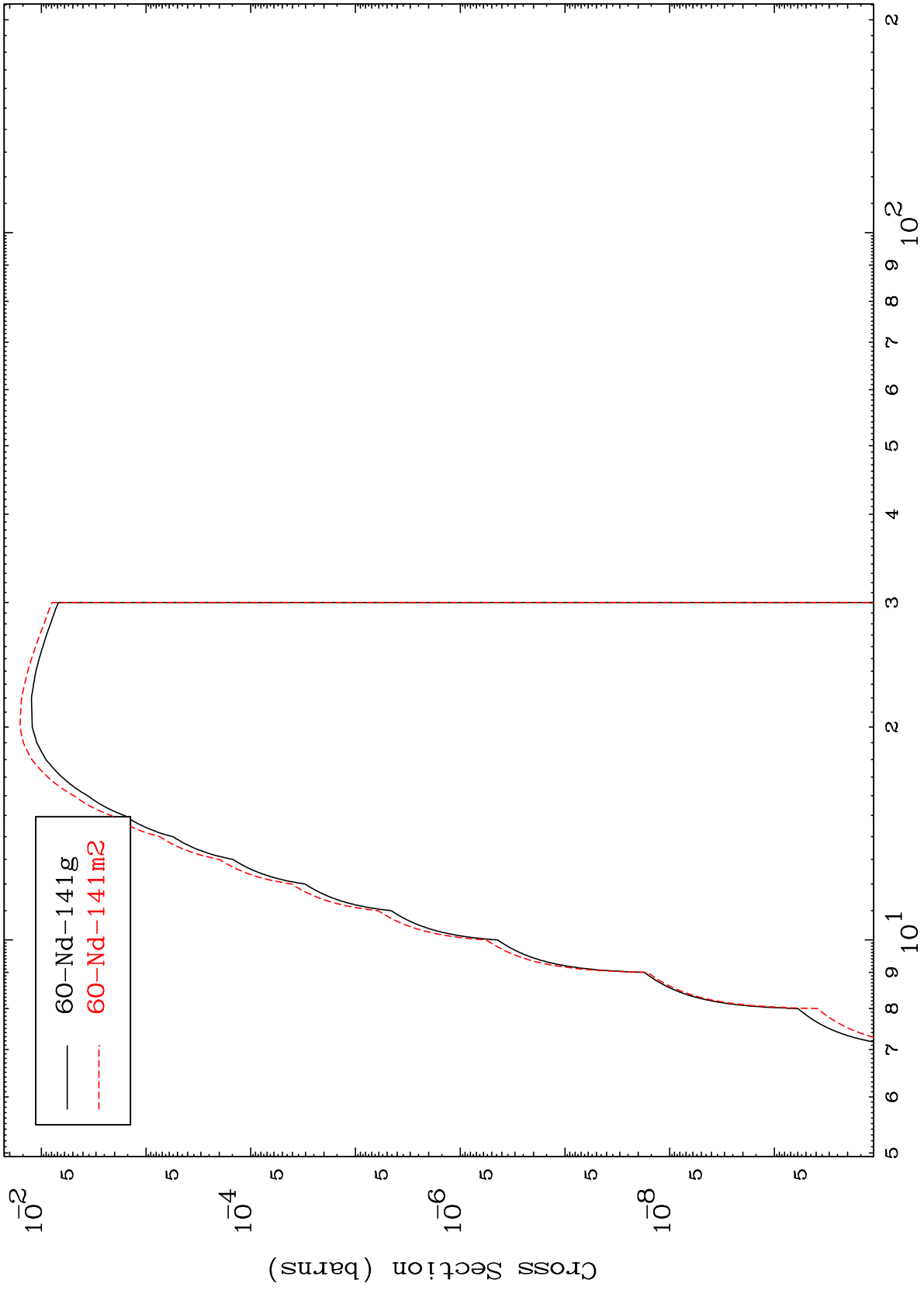
Incident Energy (MeV)

58-Ce-140

MAT 5837

58-Ce-140

Radionuclide Production Cross Section  
(n,2n)



12

Incident Energy (MeV)

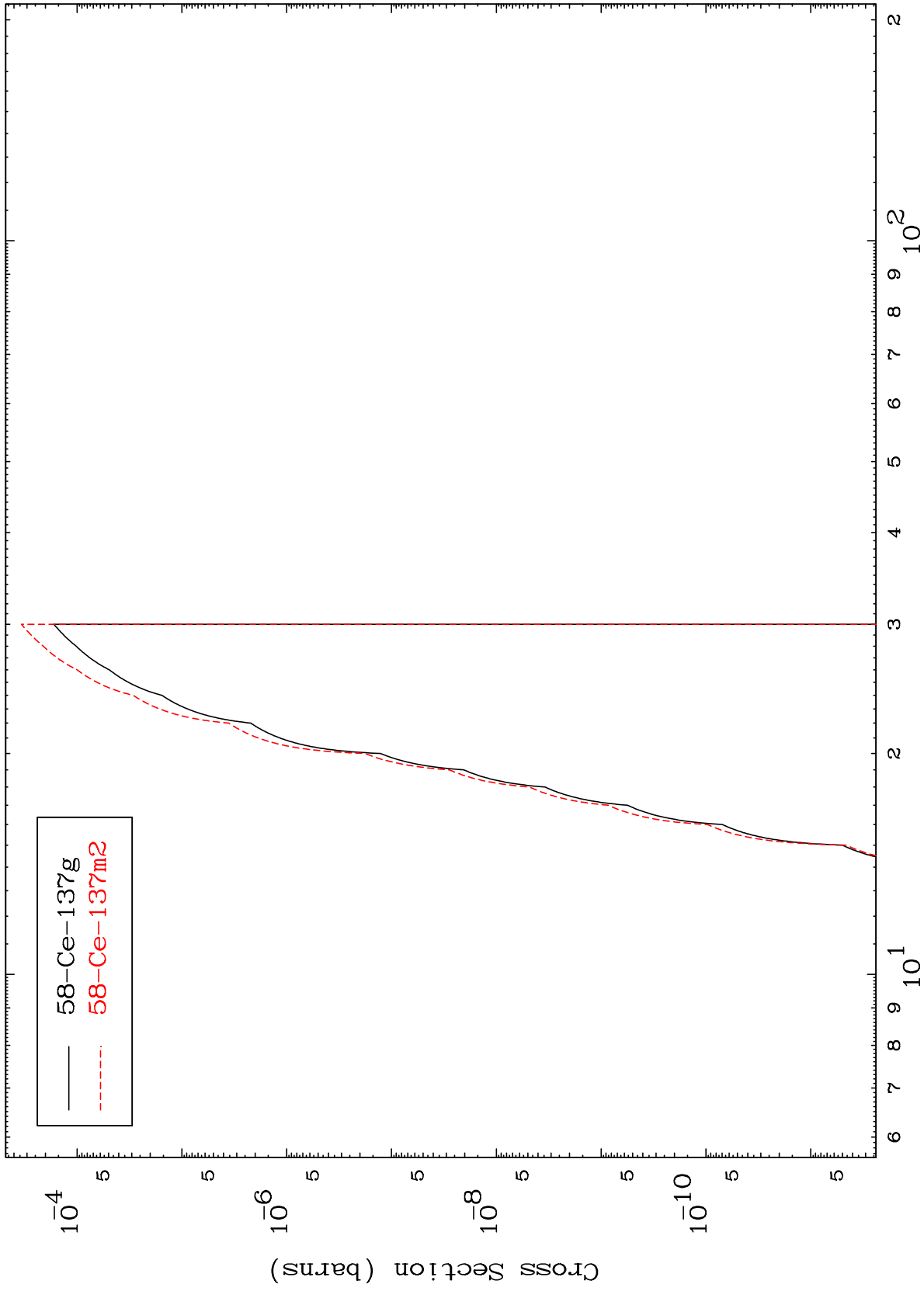
58-Ce-140

MAT 5837

(n,2n)  $\alpha$

58-Ce-140

Radionuclide Production Cross Section



13

Incident Energy (MeV)

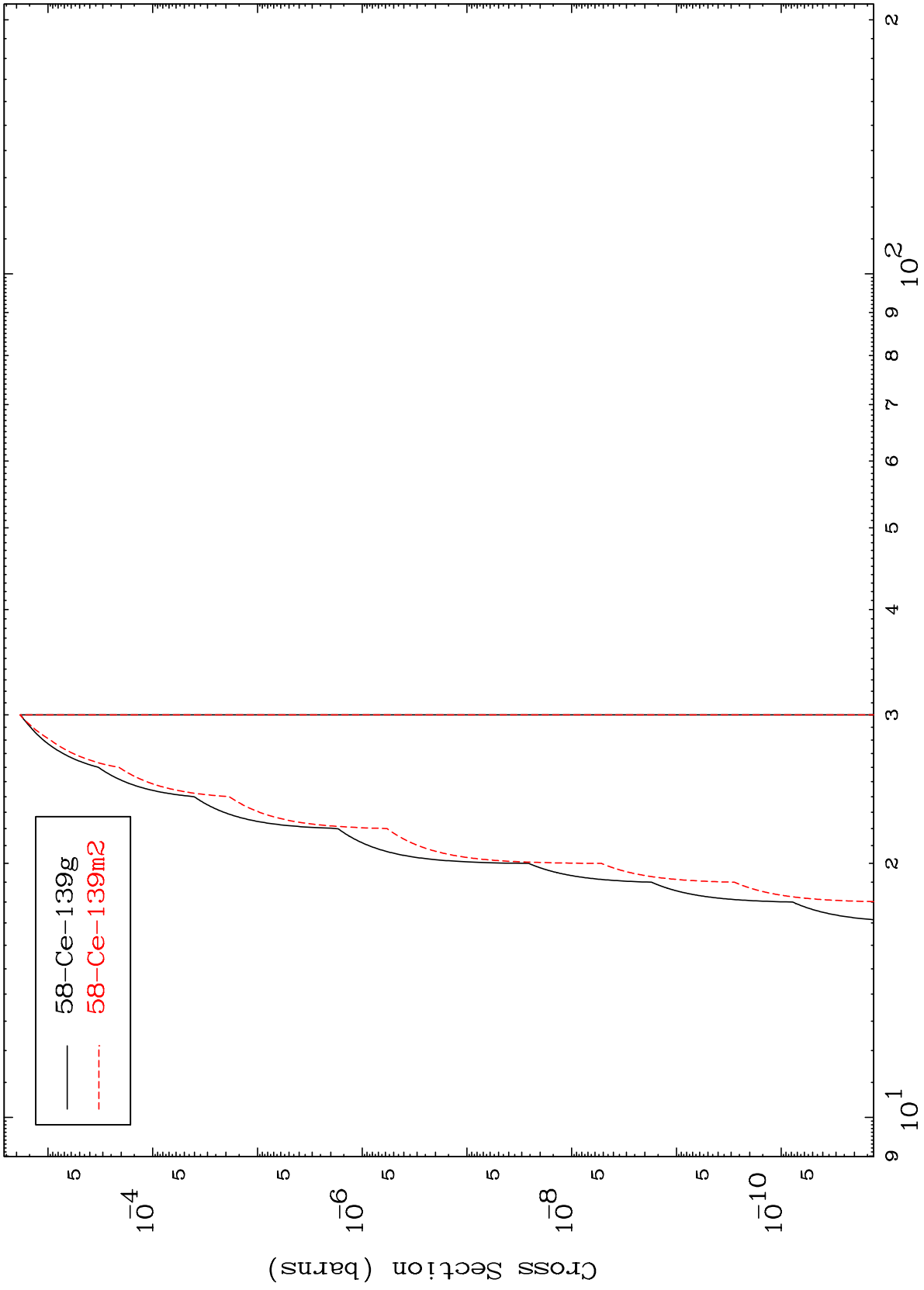
58-Ce-140

MAT 5837

(n, n') He-3

58-Ce-140

Radionuclide Production Cross Section



58-Ce-139g  
58-Ce-139m2

14

Incident Energy (MeV)

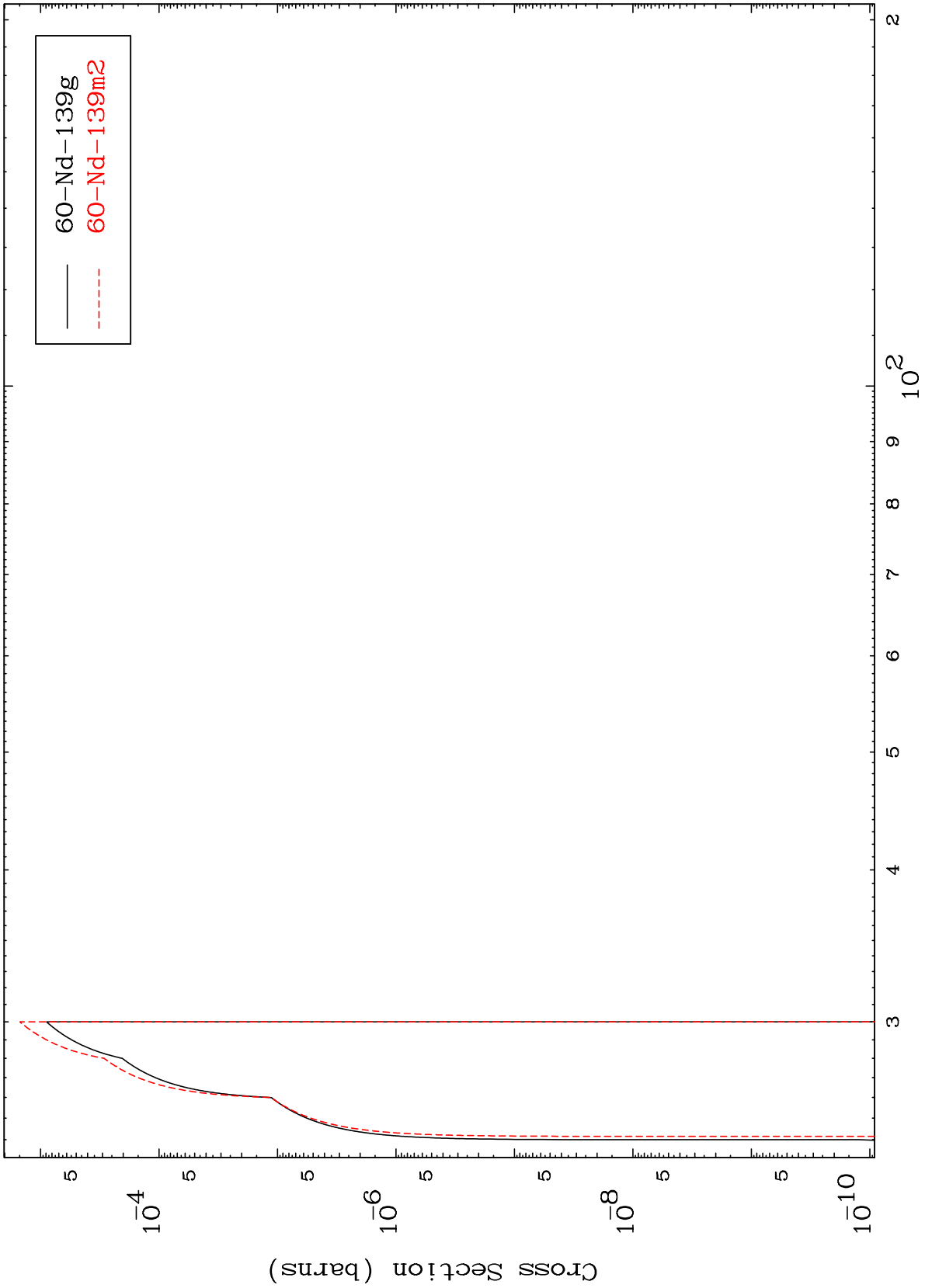
58-Ce-140

MAT 5837

(n,4n)

58-Ce-140

Radionuclide Production Cross Section



15

Incident Energy (MeV)

58-Ce-140

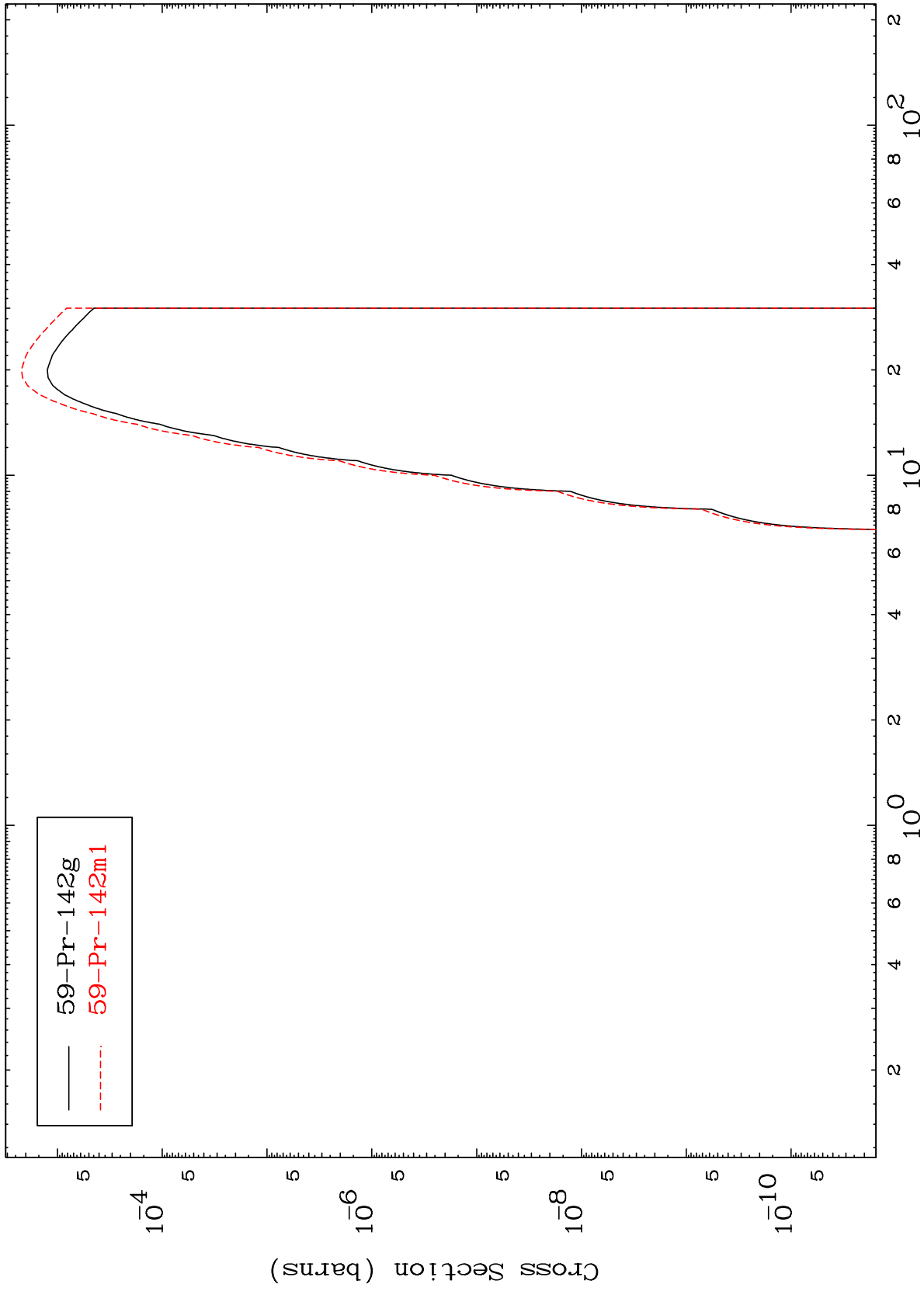


MAT 5837

(n,p)

58-Ce-140

Radionuclide Production Cross Section



16

Incident Energy (MeV)

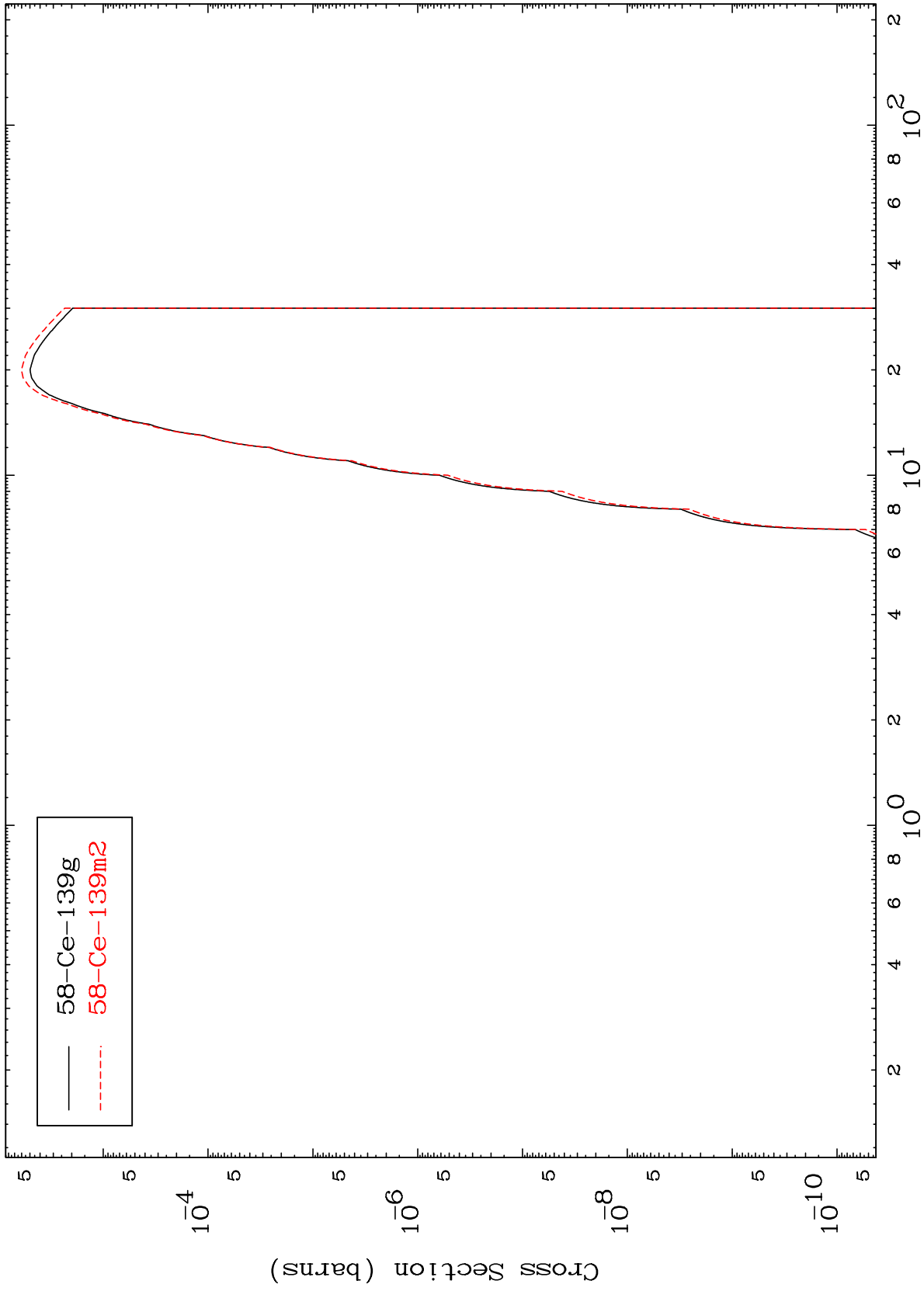
58-Ce-140

MAT 5837

(n,  $\alpha$ )

58-Ce-140

Radionuclide Production Cross Section



17

Incident Energy (MeV)

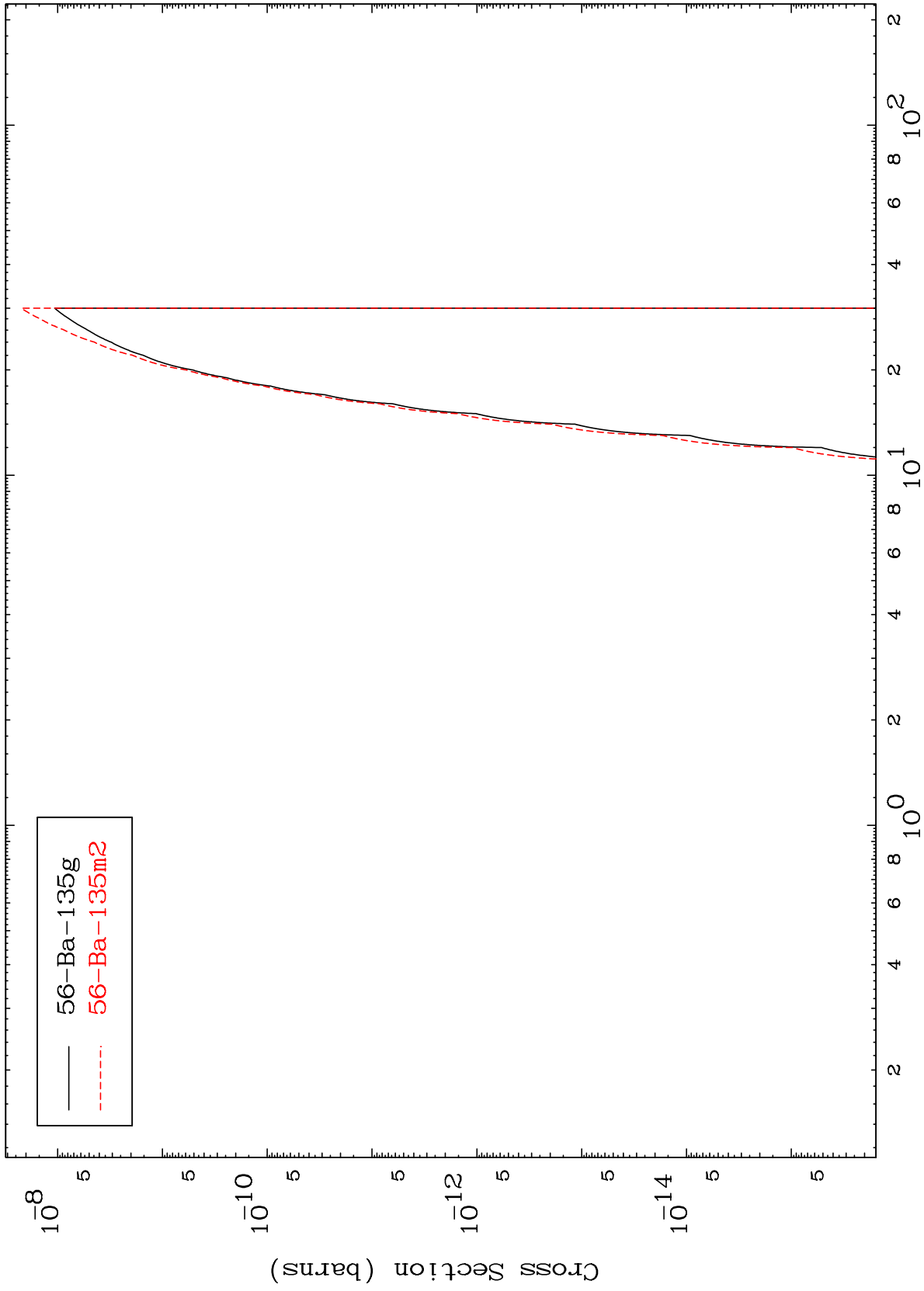
58-Ce-140

MAT 5837

(n,2α)

58-Ce-140

Radionuclide Production Cross Section



18

Incident Energy (MeV)

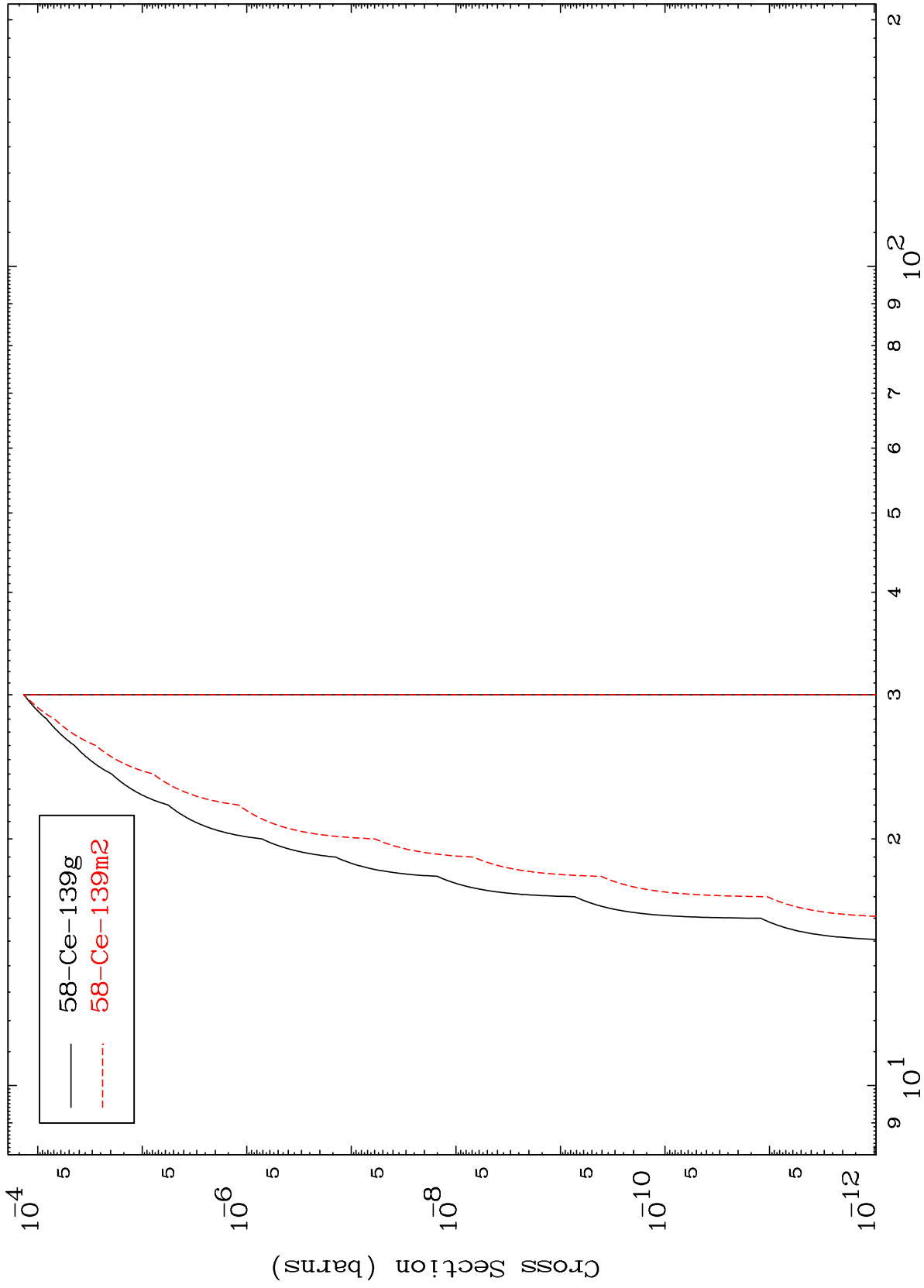
58-Ce-140

MAT 5837

(n,p) t

58-Ce-140

Radionuclide Production Cross Section



19

Incident Energy (MeV)

58-Ce-140