

Program EVALPLOT  
(Version 2021-1)

by

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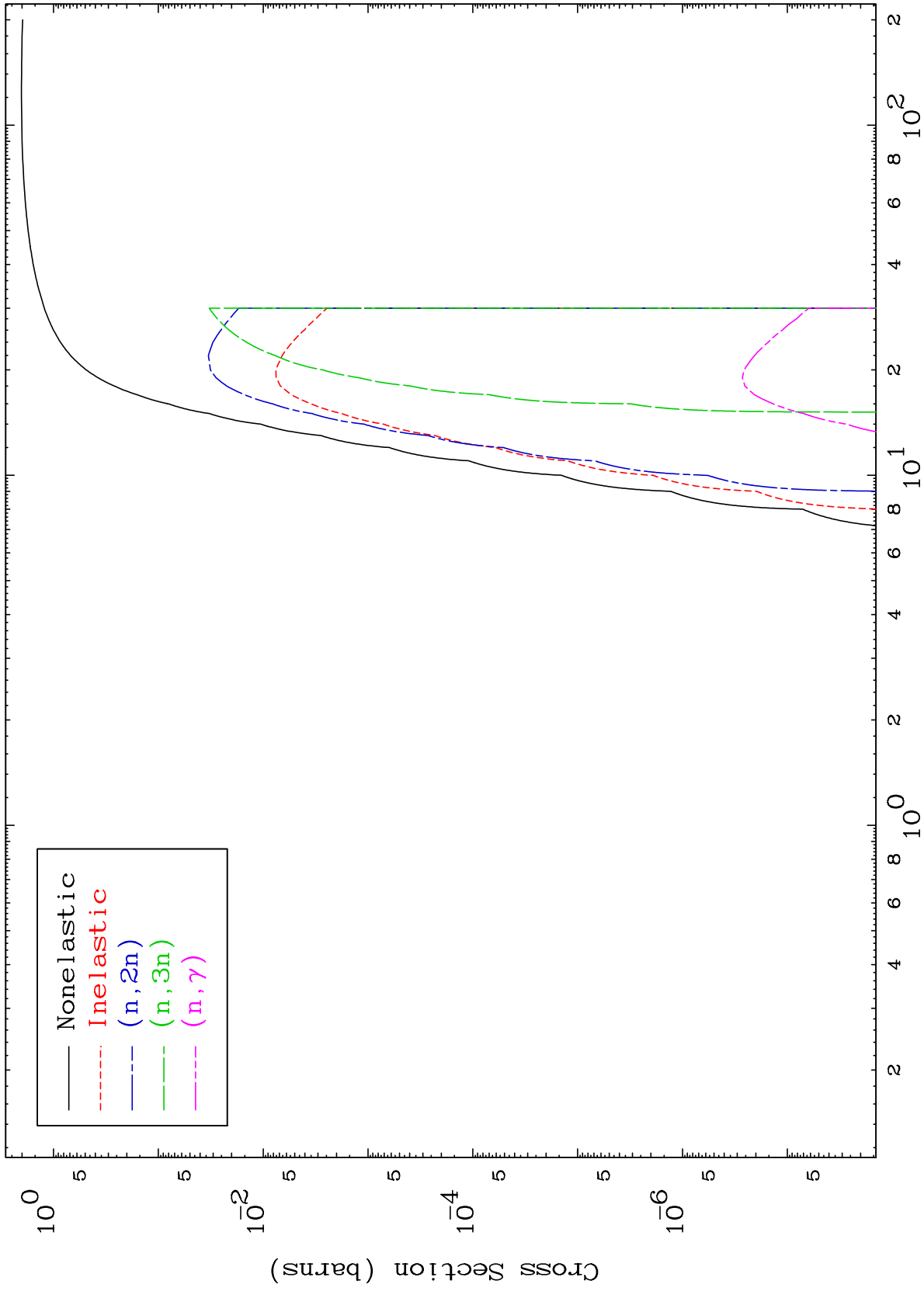
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5831

He-3 Major  
0 Kelvin Cross Sections

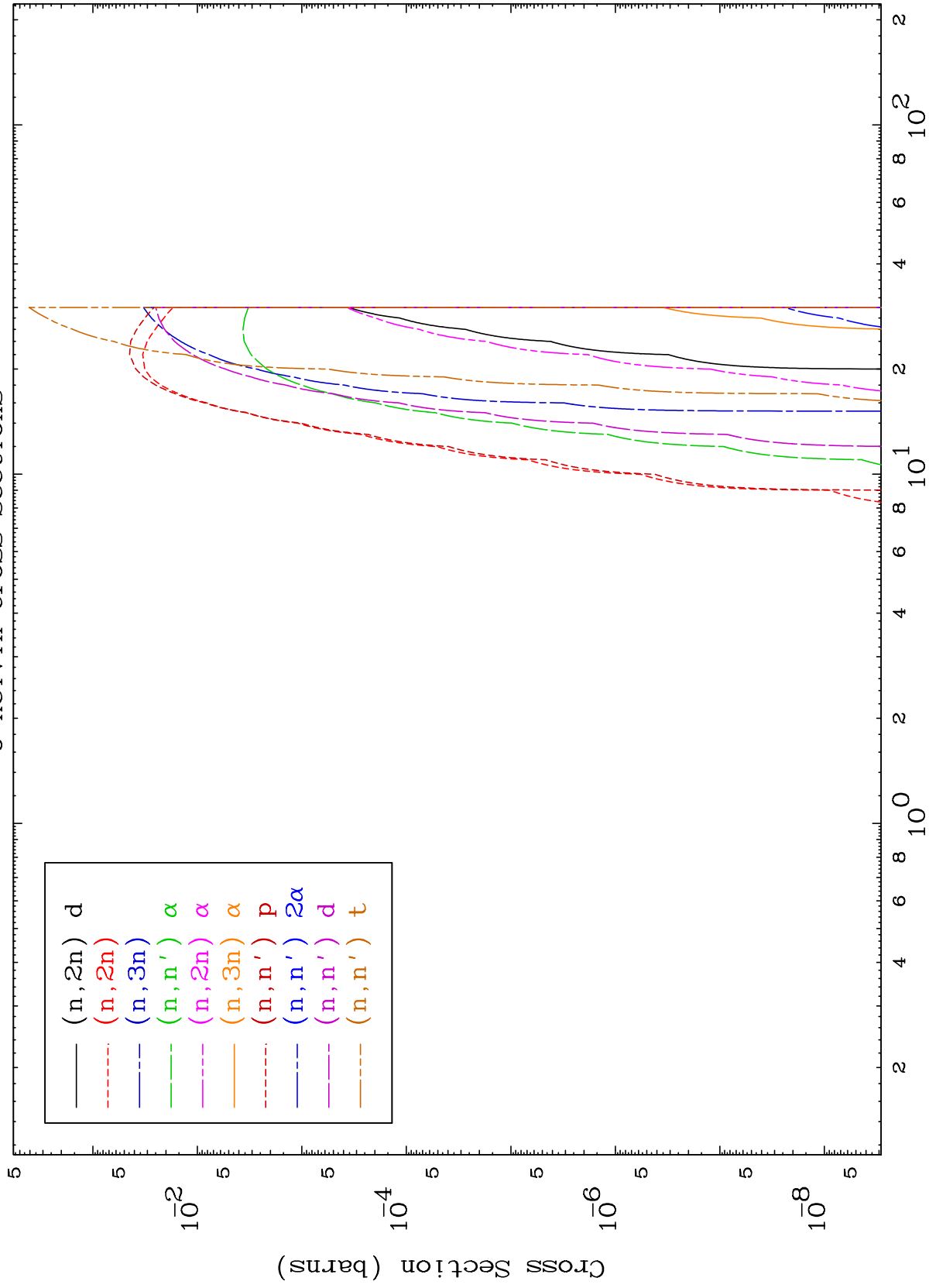
58-Ce-138



MAT 5831

He-3 Neutron Absorption  
0 Kelvin Cross Sections

58-Ce-138



2

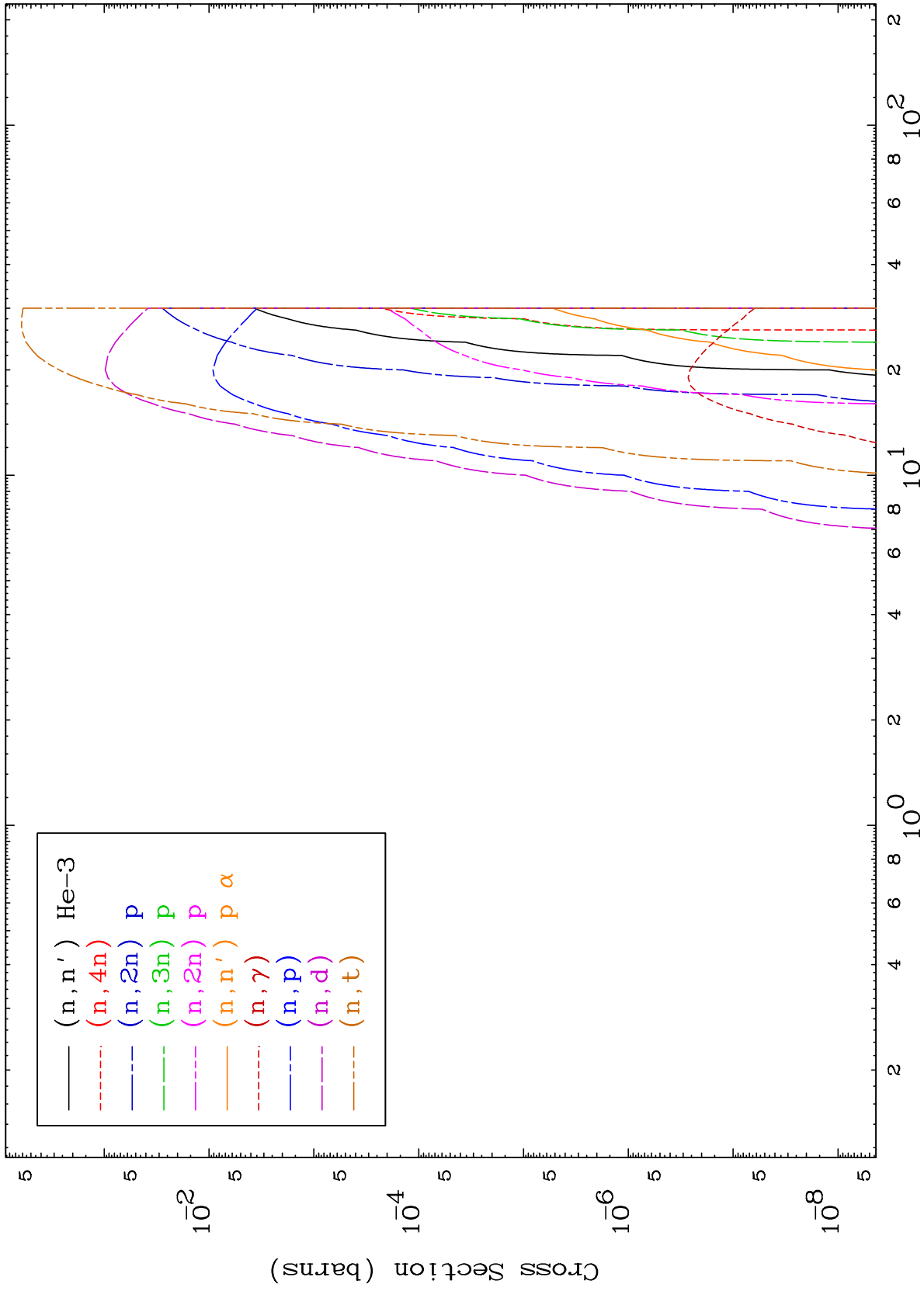
Incident Energy (MeV)

58-Ce-138

MAT 5831

He-3 Neutron Absorption  
0 Kelvin Cross Sections

58-Ce-138



3

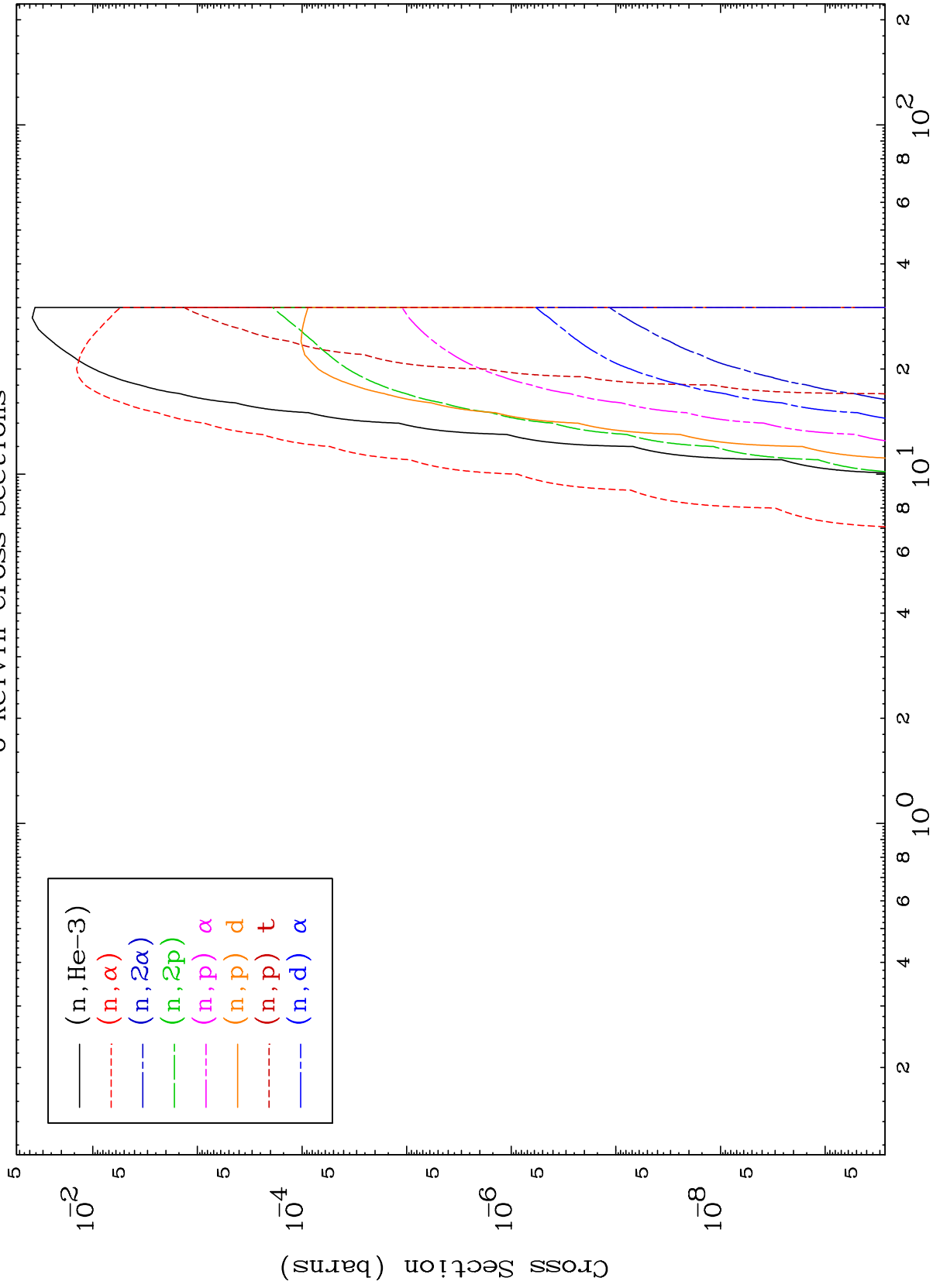
Incident Energy (MeV)

58-Ce-138

MAT 5831

He-3 Neutron Absorption  
0 Kelvin Cross Sections

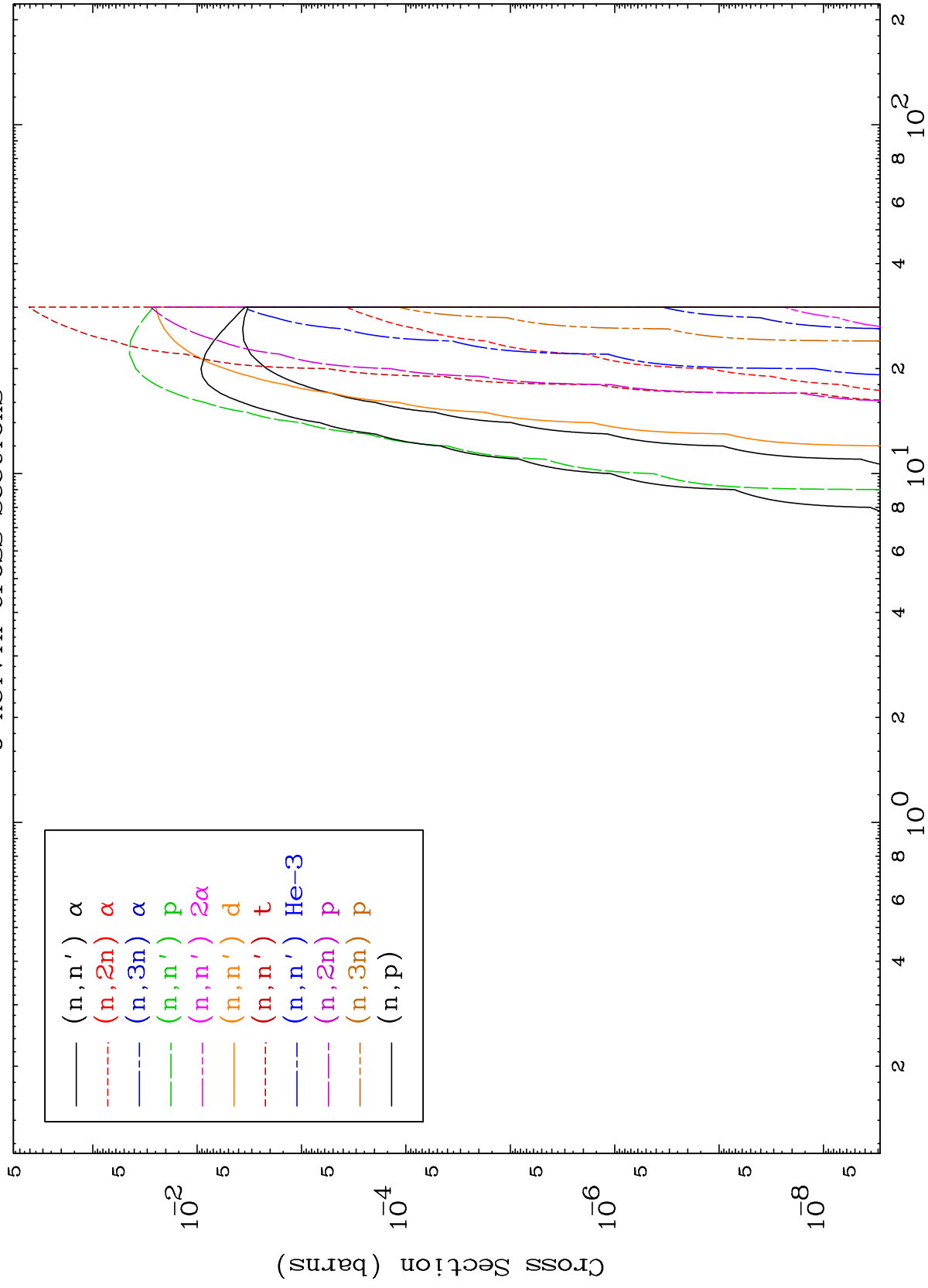
58-Ce-138



MAT 5831

He-3 Charged Particle  
0 Kelvin Cross Sections

58-Ce-138



5

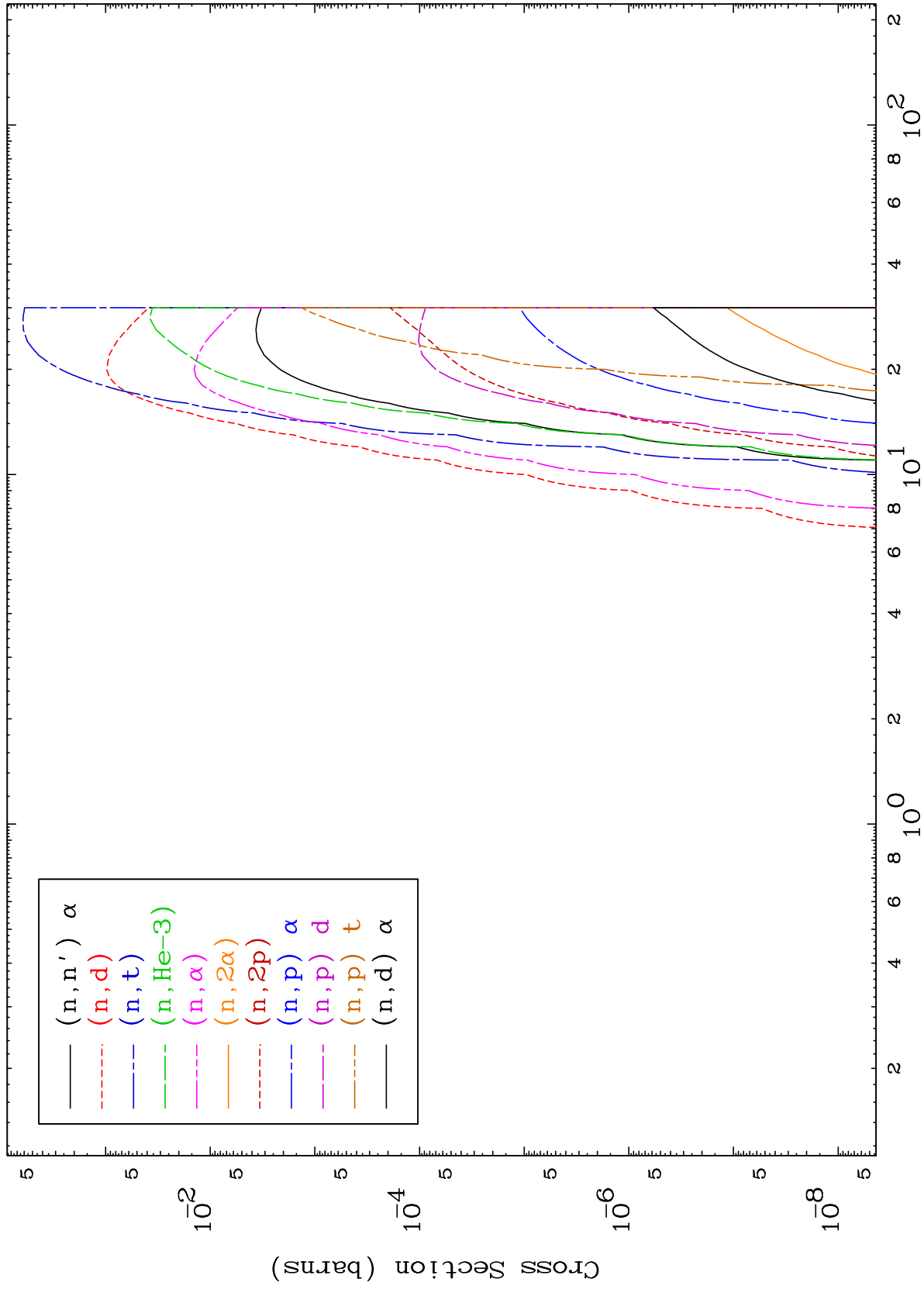
Incident Energy (MeV)

58-Ce-138

MAT 5831

He-3 Charged Particle  
0 Kelvin Cross Sections

58-Ce-138



6

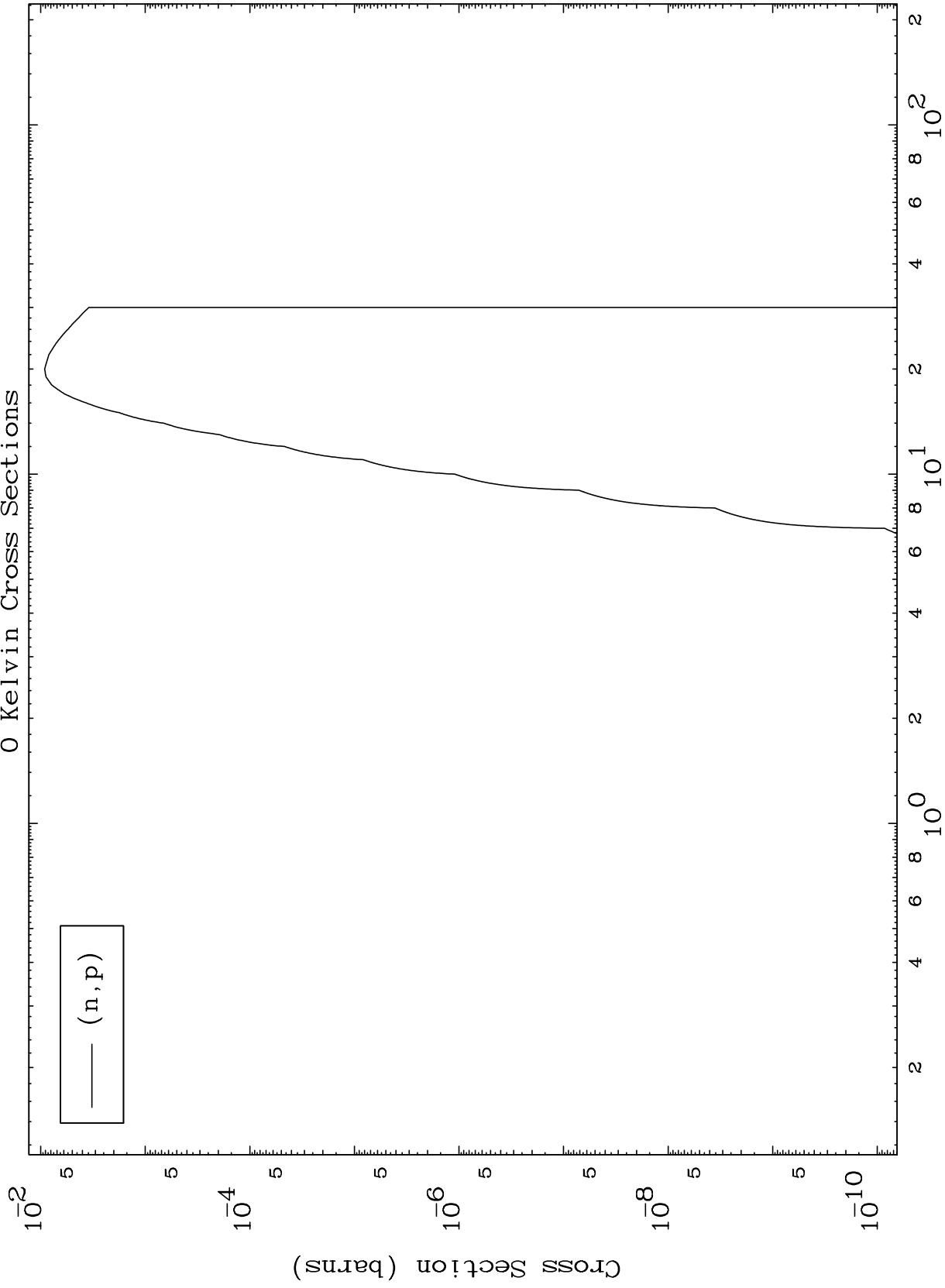
Incident Energy (MeV)

58-Ce-138

MAT 5831

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

58-Ce-138

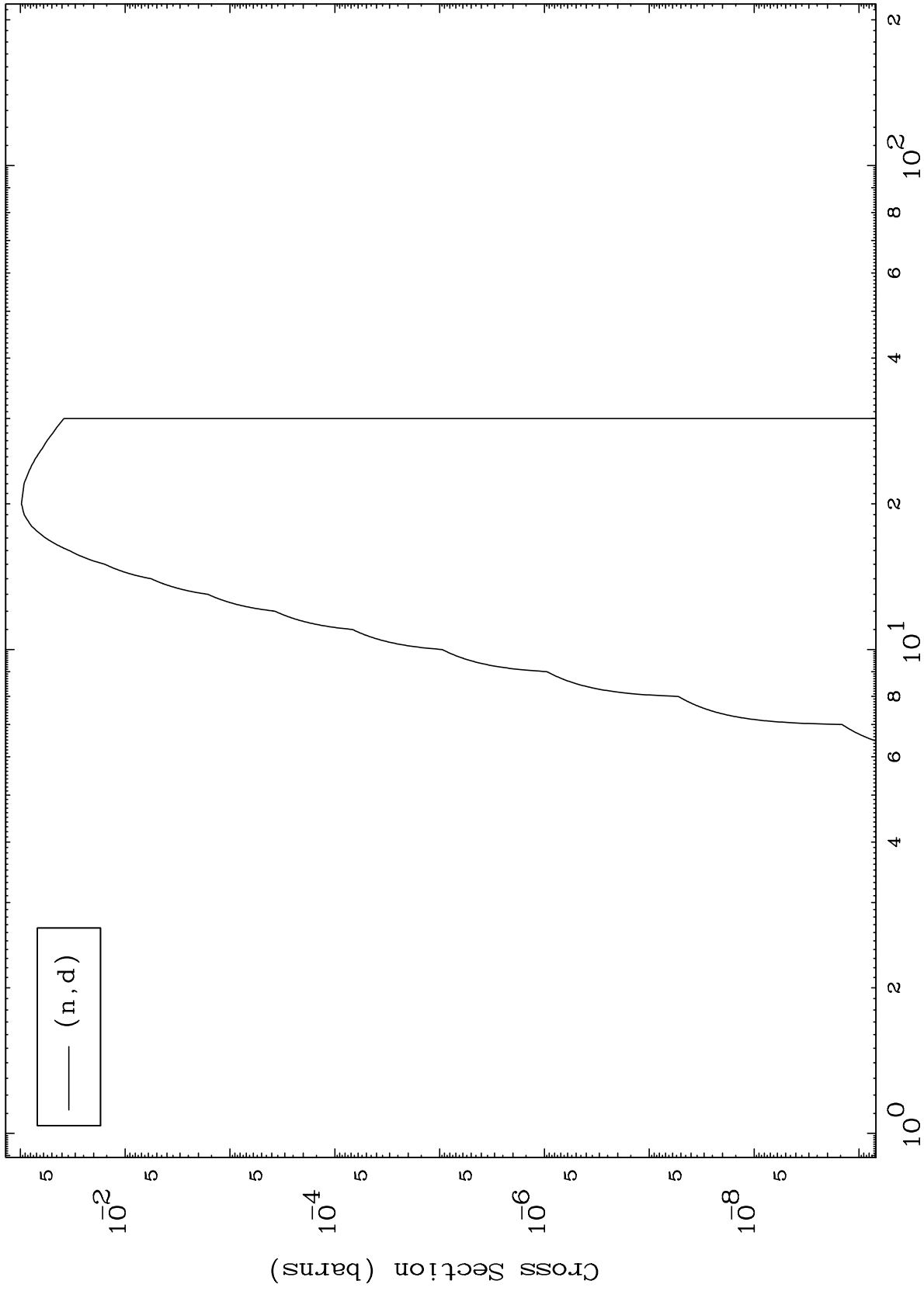




MAT 5831

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

58-Ce-138



8

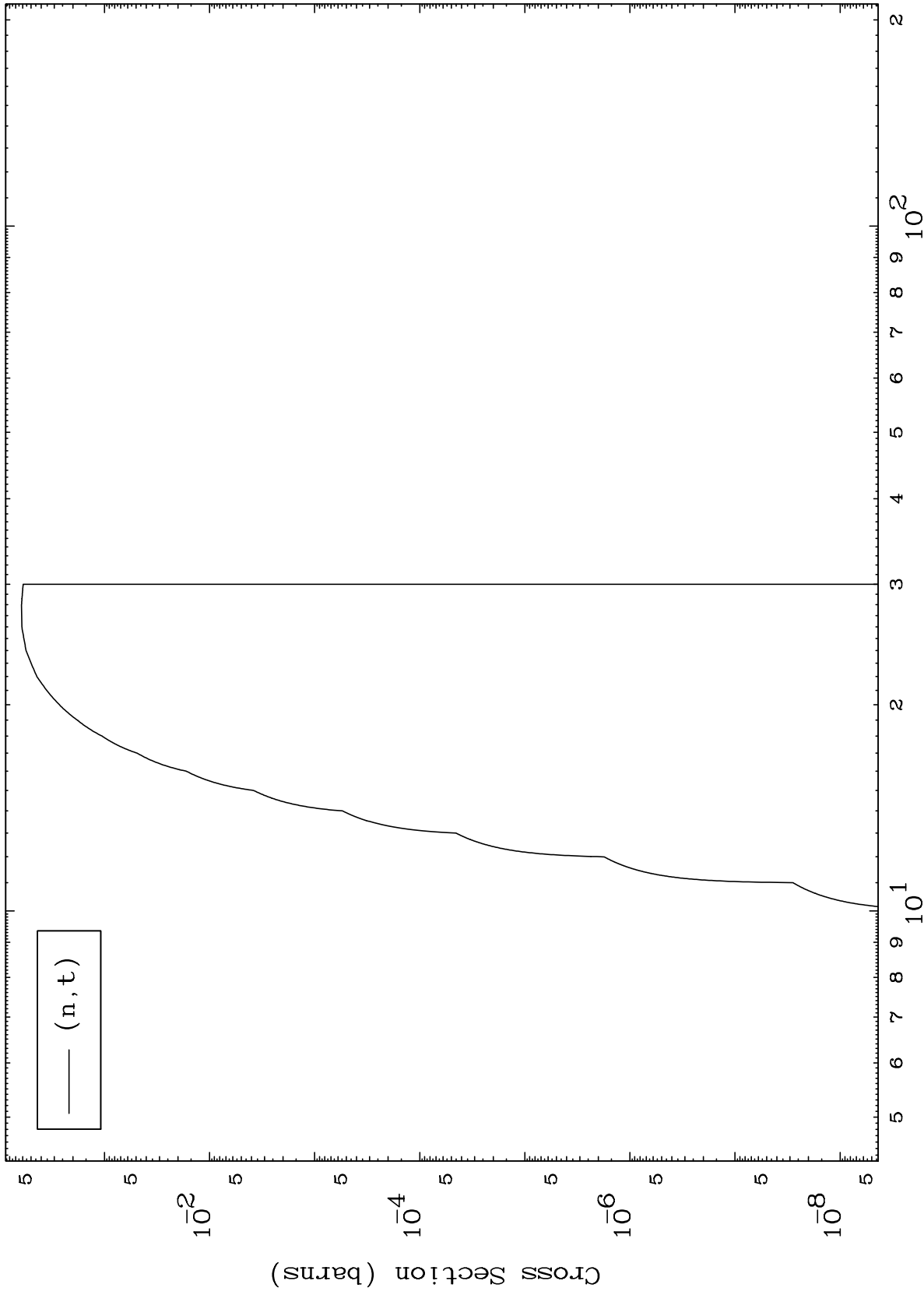
Incident Energy (MeV)

58-Ce-138

MAT 5831

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

58-Ce-138



9

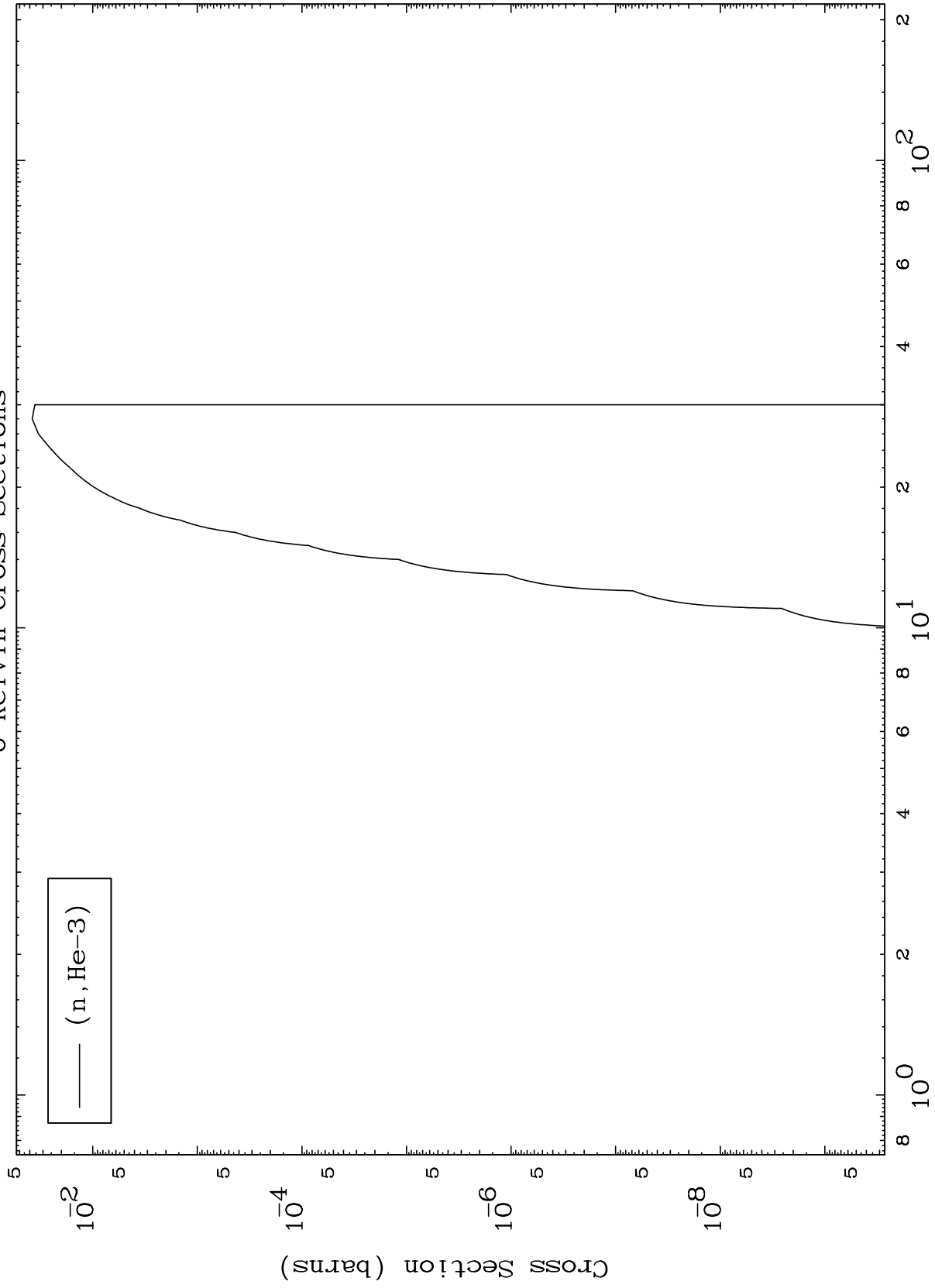
Incident Energy (MeV)

58-Ce-138

MAT 5831

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

58-Ce-138



10

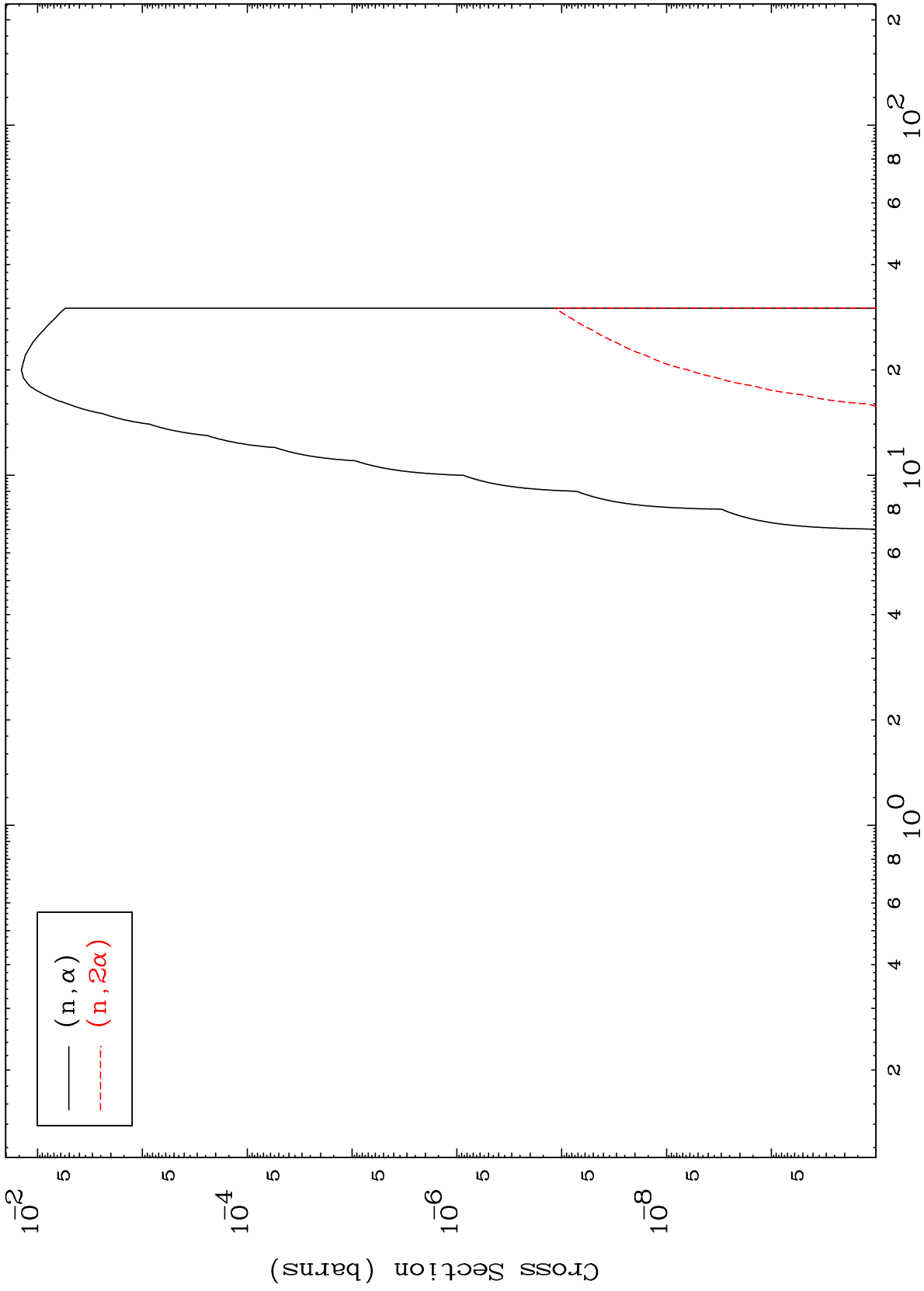
Incident Energy (MeV)

58-Ce-138

MAT 5831

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

58-Ce-138



11

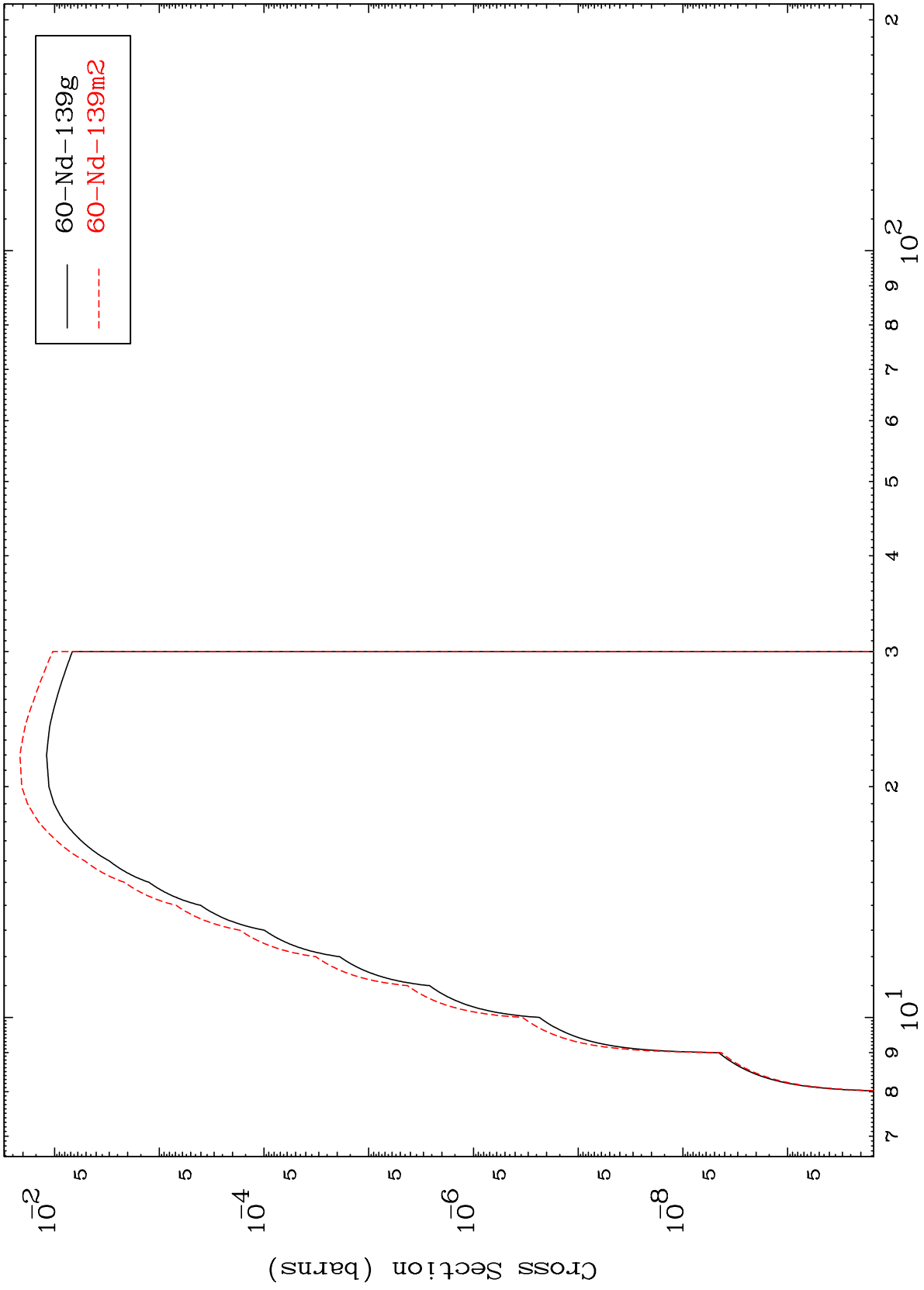
Incident Energy (MeV)

58-Ce-138

MAT 5831

58-Ce-138

(n,2n)  
Radionuclide Production Cross Section



12

Incident Energy (MeV)

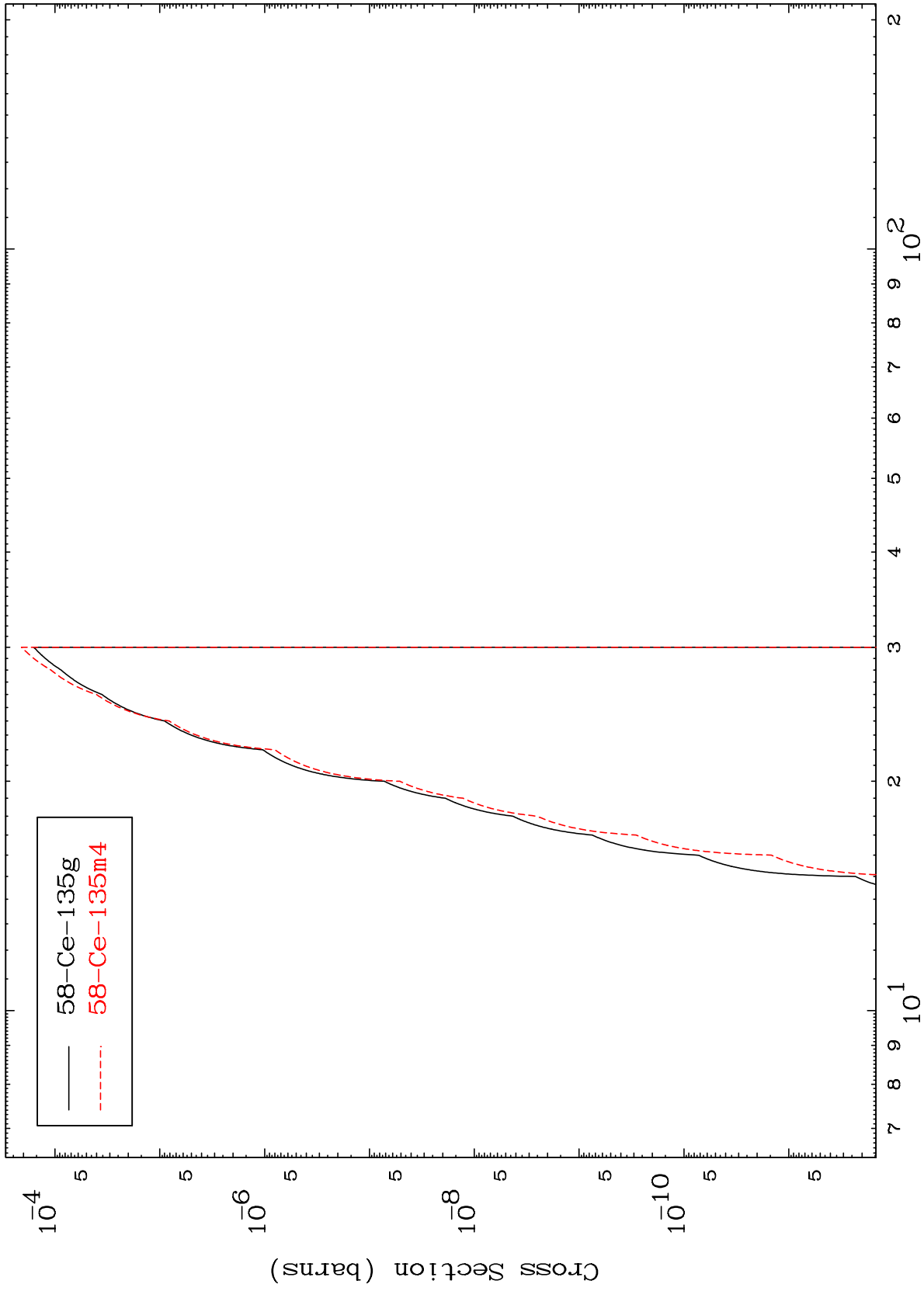
58-Ce-138

MAT 5831

(n,2n)  $\alpha$

58-Ce-138

Radionuclide Production Cross Section



13

Incident Energy (MeV)

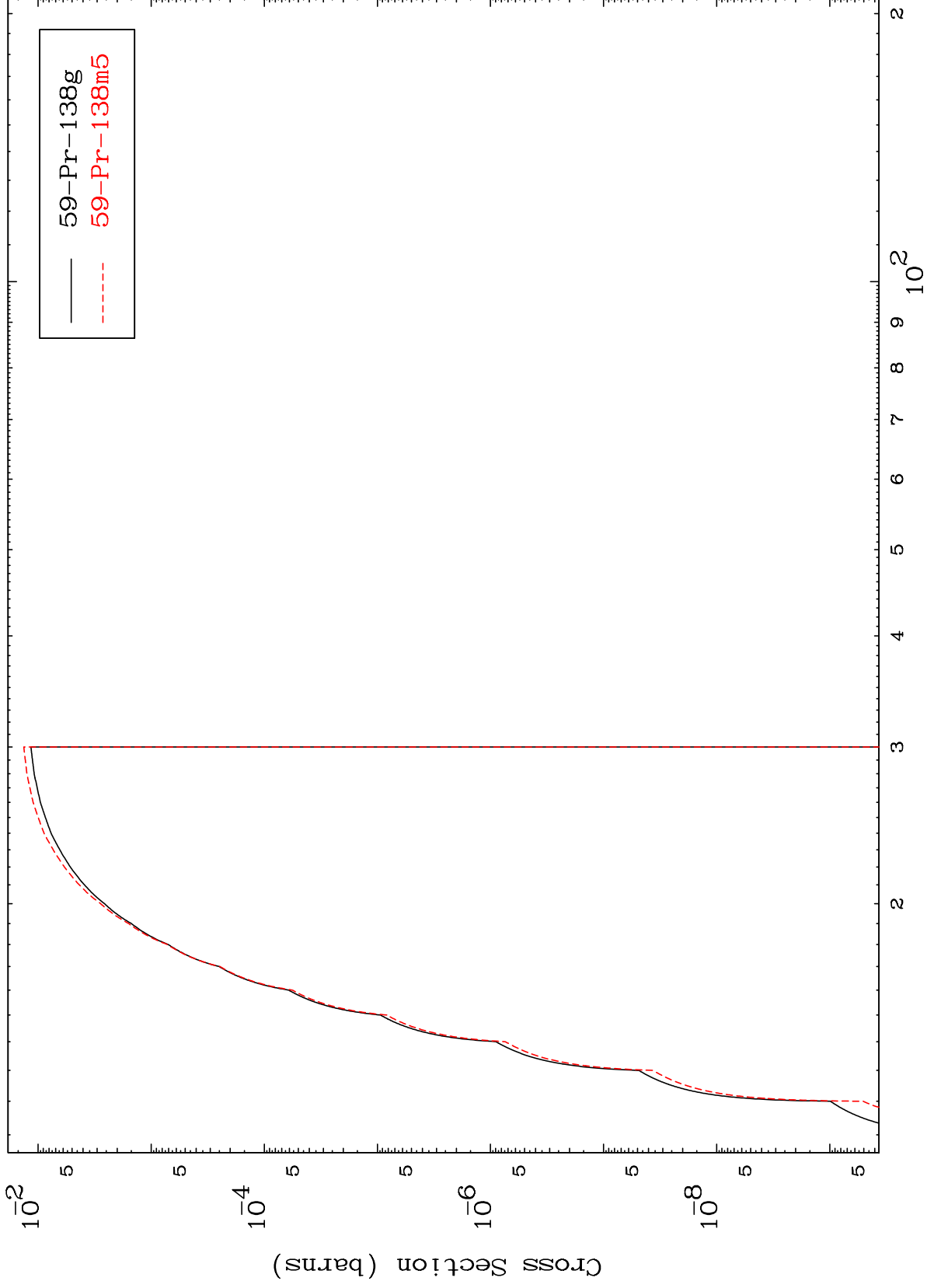
58-Ce-138

MAT 5831

(n,n') d

58-Ce-138

Radionuclide Production Cross Section



14

Incident Energy (MeV)

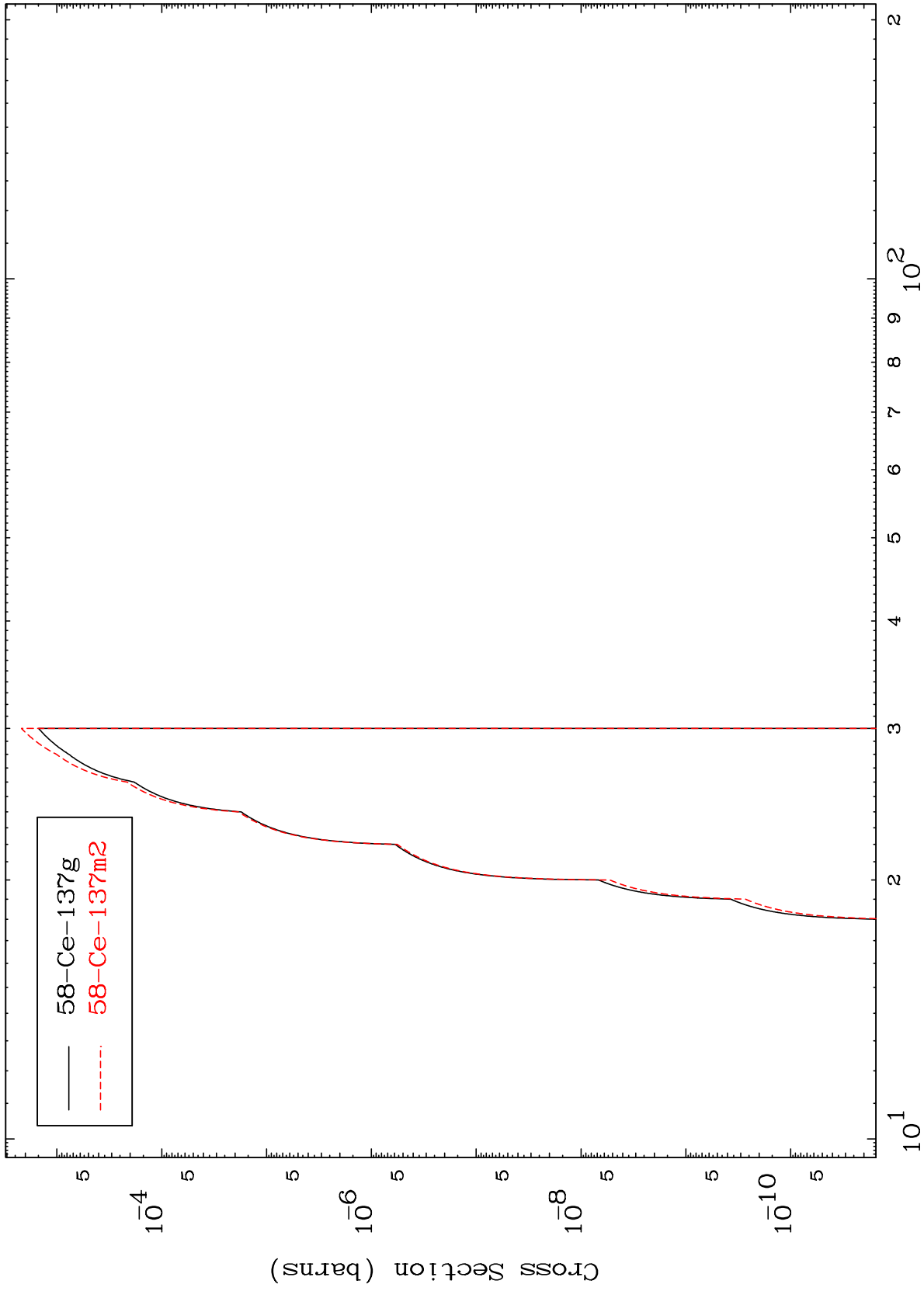
58-Ce-138

MAT 5831

(n, n') He-3

58-Ce-138

Radionuclide Production Cross Section



Incident Energy (MeV)

58-Ce-138

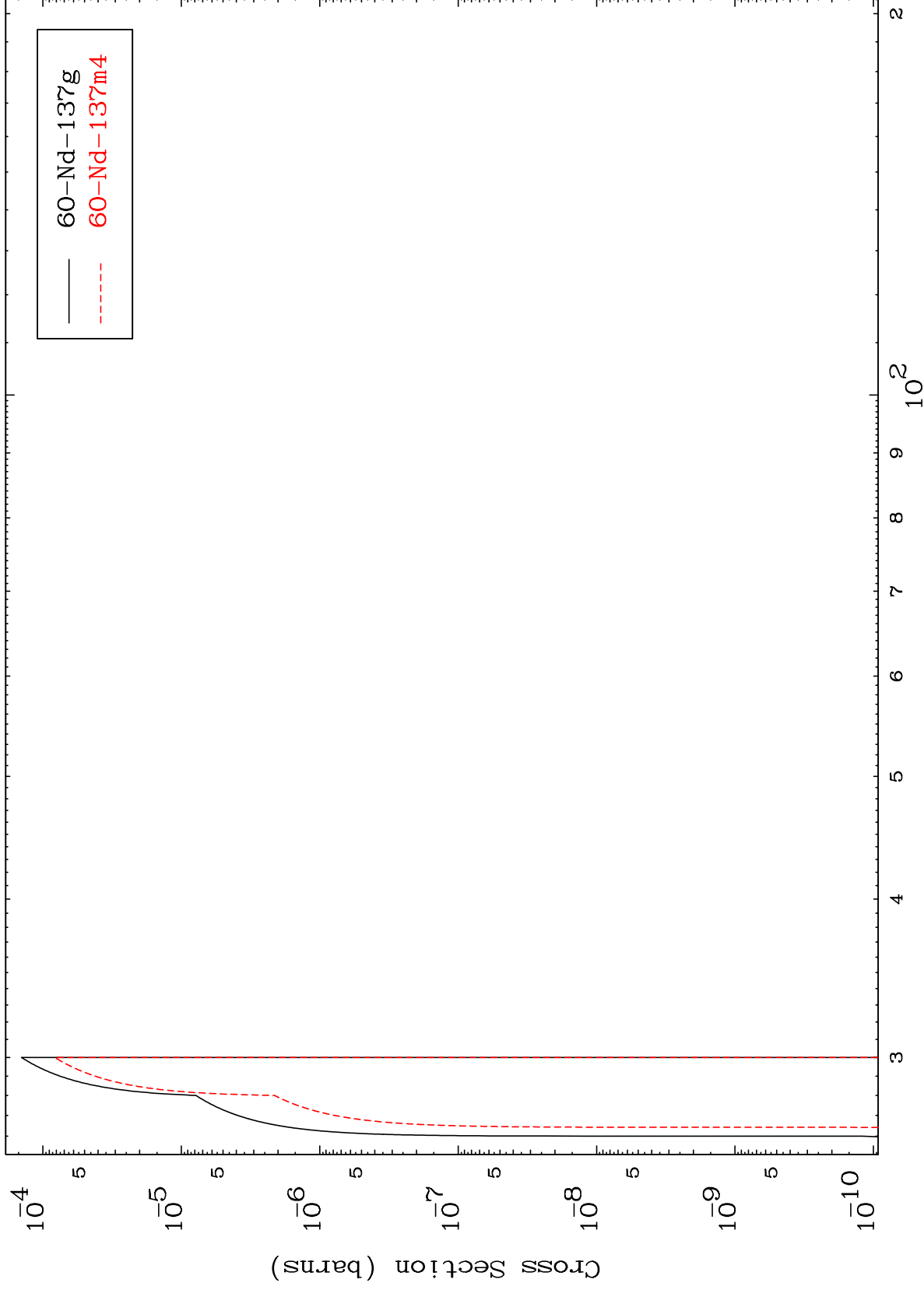


MAT 5831

(n,4n)

58-Ce-138

Radionuclide Production Cross Section



16

Incident Energy (MeV)

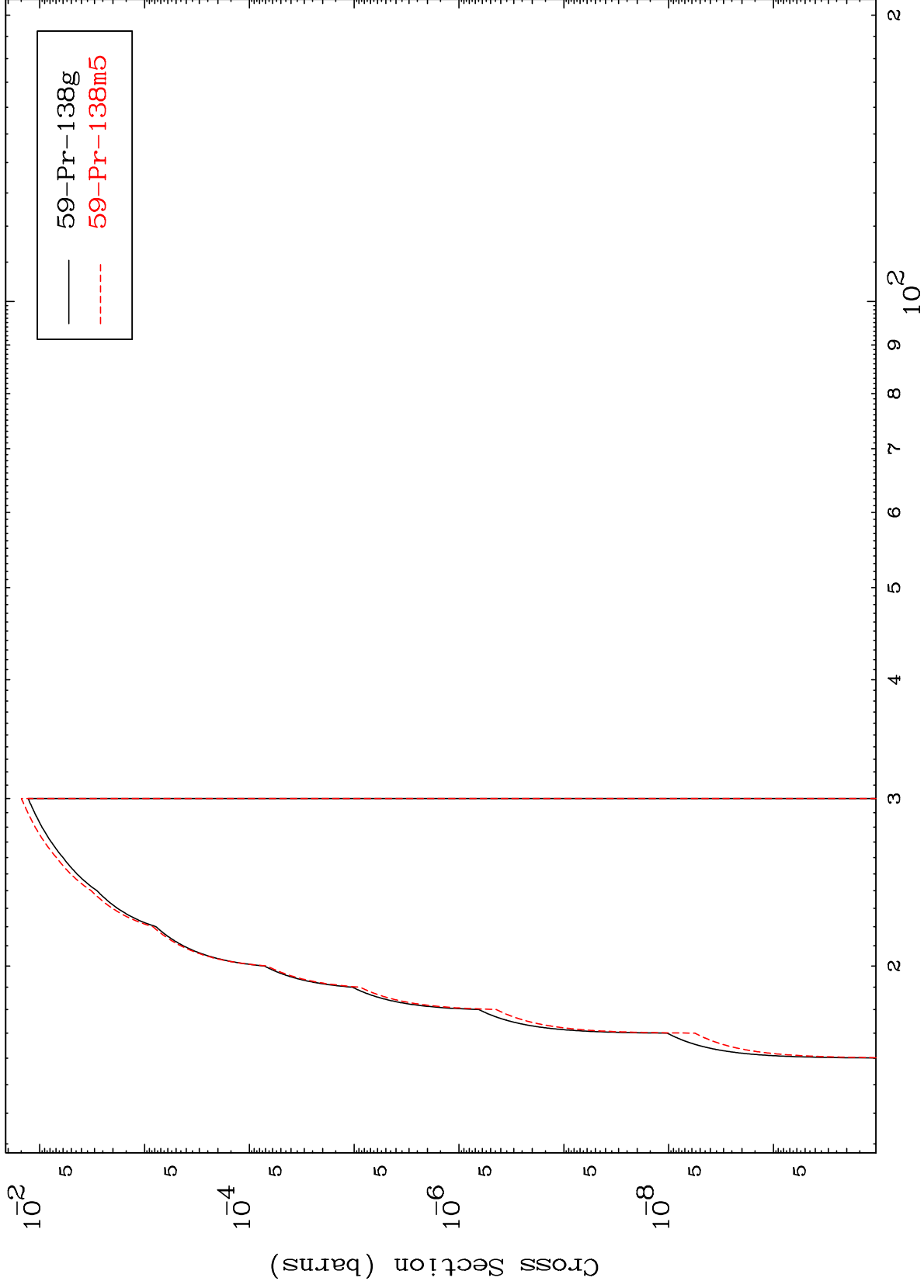
58-Ce-138

MAT 5831

(n,2n) p

58-Ce-138

Radionuclide Production Cross Section



17

Incident Energy (MeV)

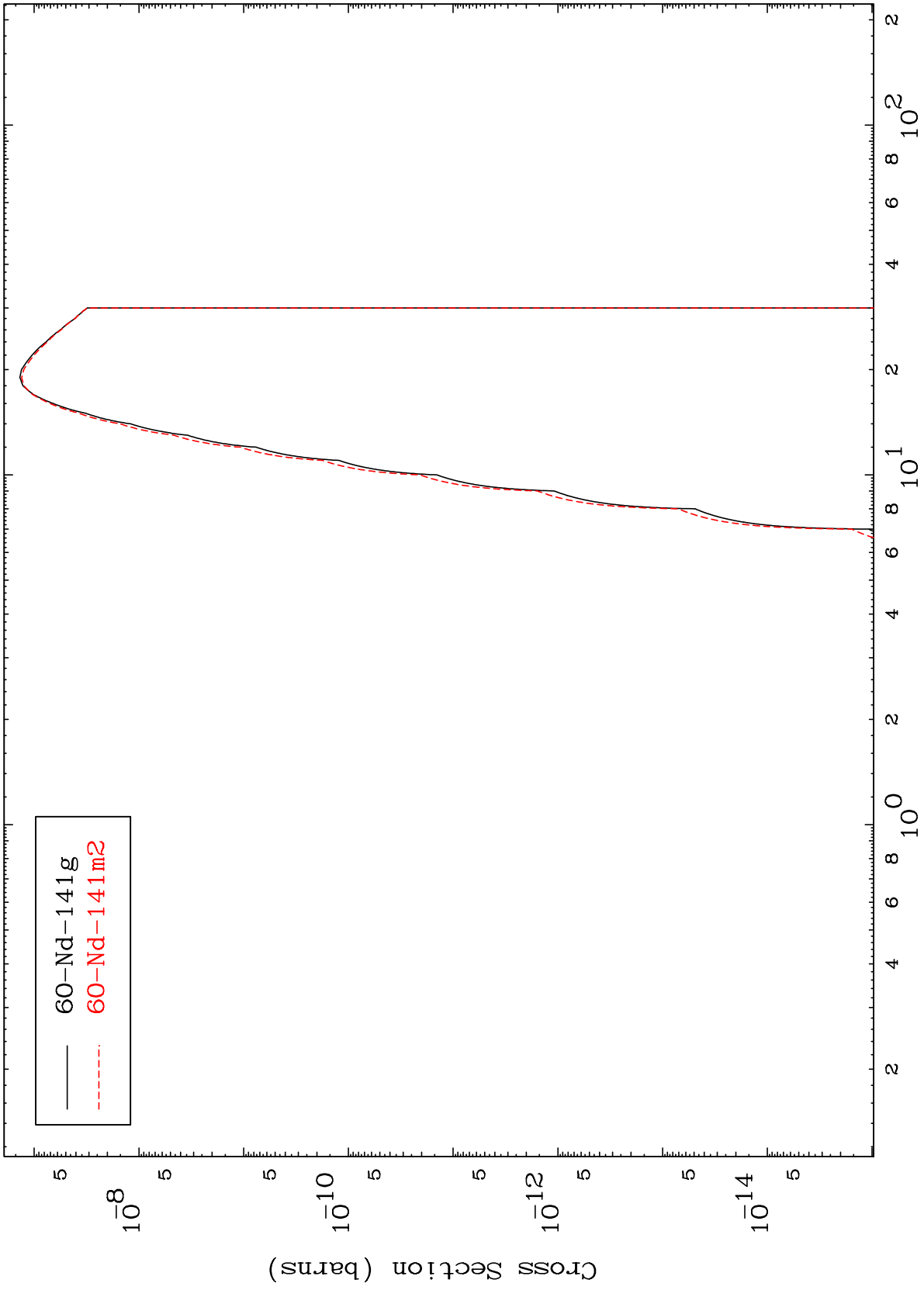
58-Ce-138

MAT 5831

(n,γ)

58-Ce-138

Radionuclide Production Cross Section



18

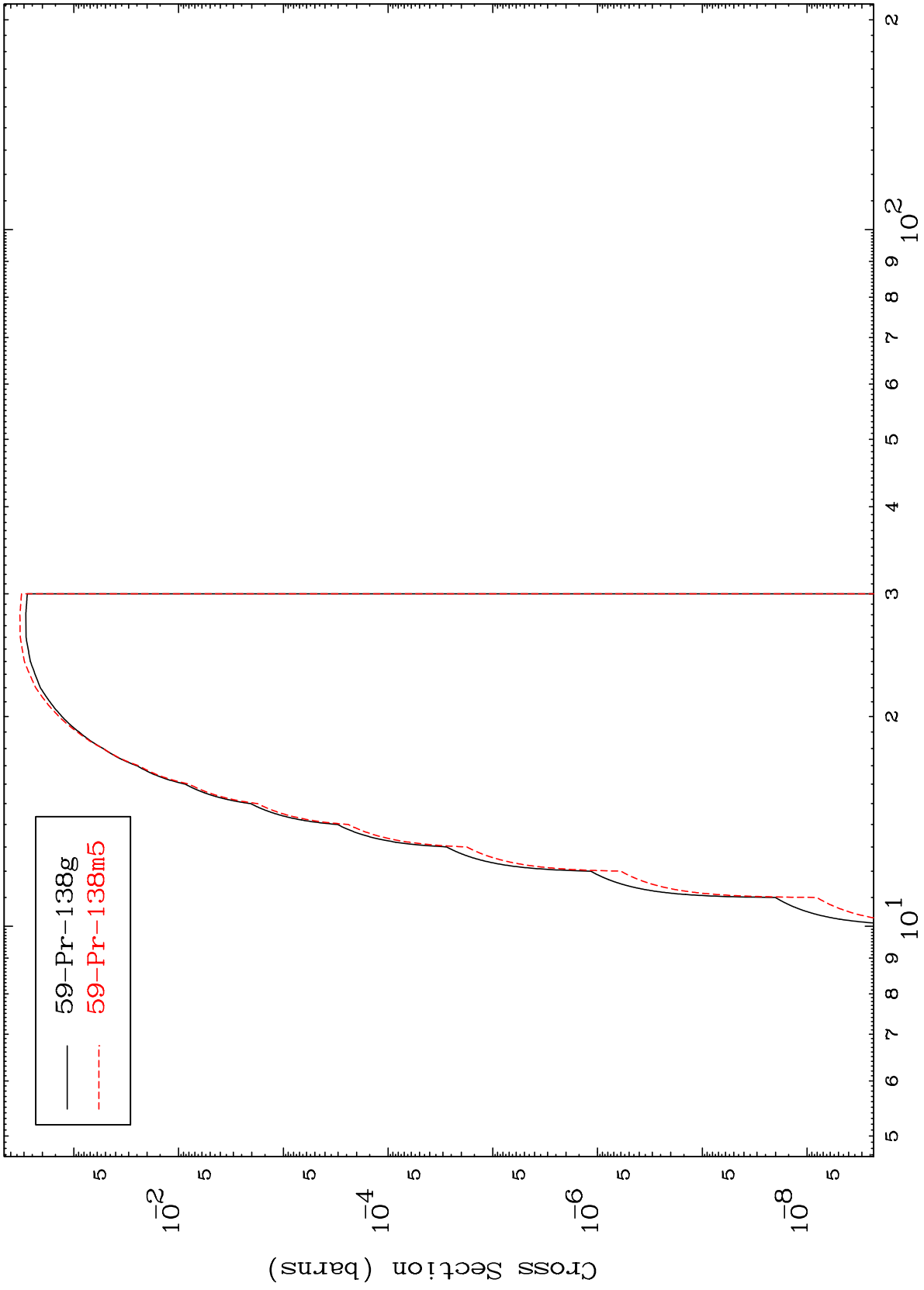
Incident Energy (MeV)

58-Ce-138

MAT 5831

58-Ce-138

(n, t)  
Radionuclide Production Cross Section



19

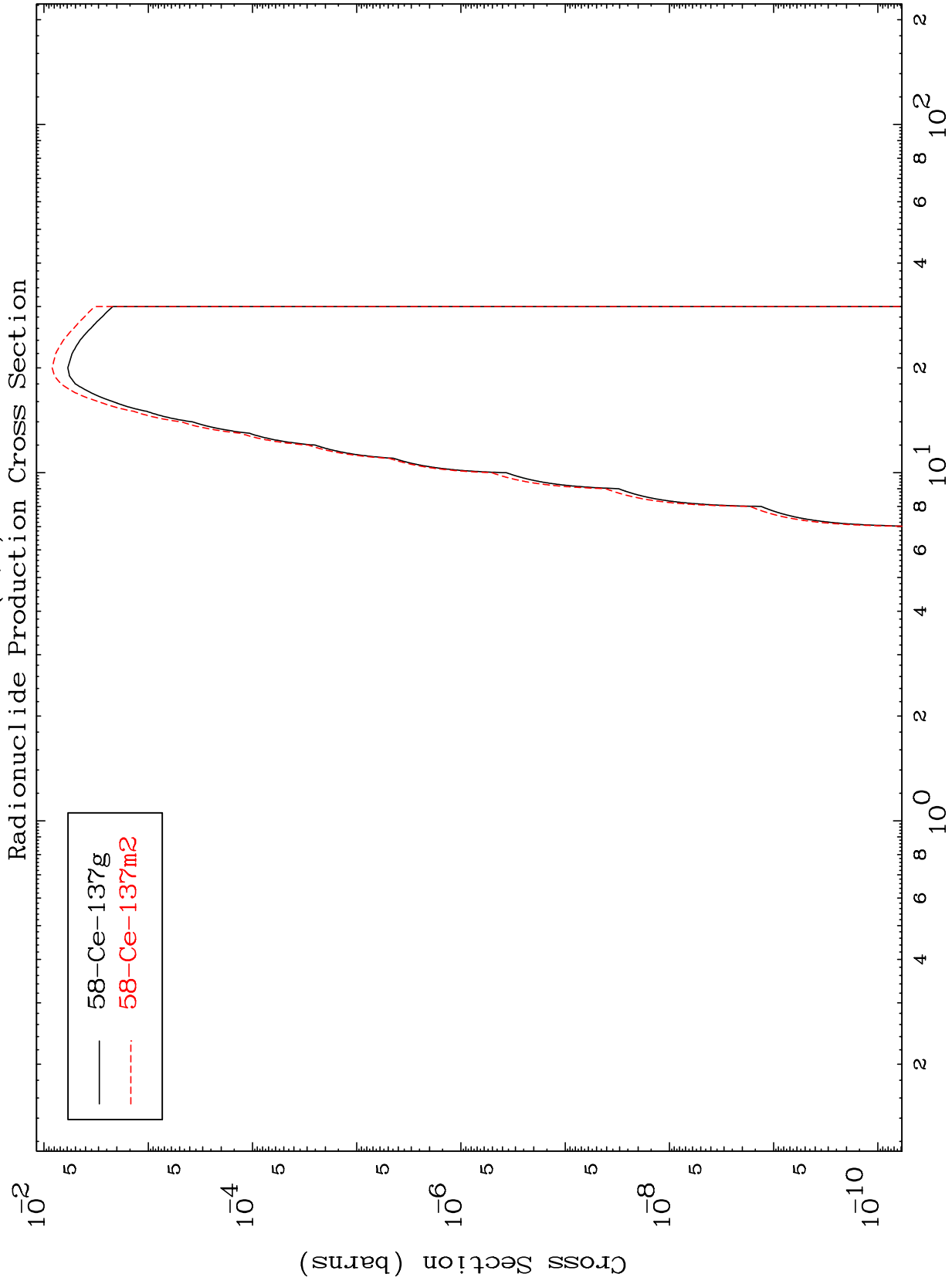
Incident Energy (MeV)

58-Ce-138

MAT 5831

(n,  $\alpha$ )

58-Ce-138



20

Incident Energy (MeV)

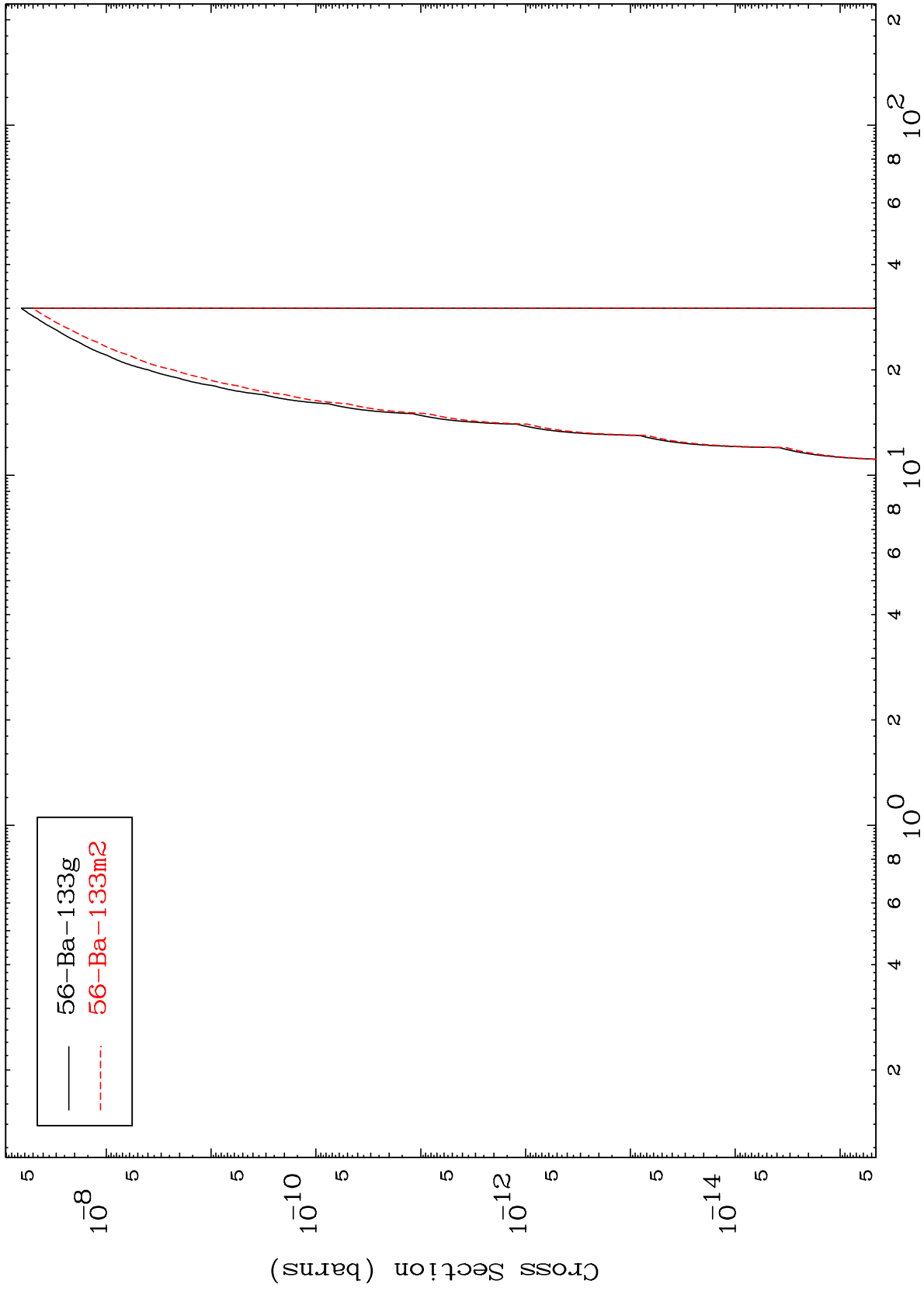
58-Ce-138

MAT 5831

(n,2α)

58-Ce-138

Radionuclide Production Cross Section



21

Incident Energy (MeV)

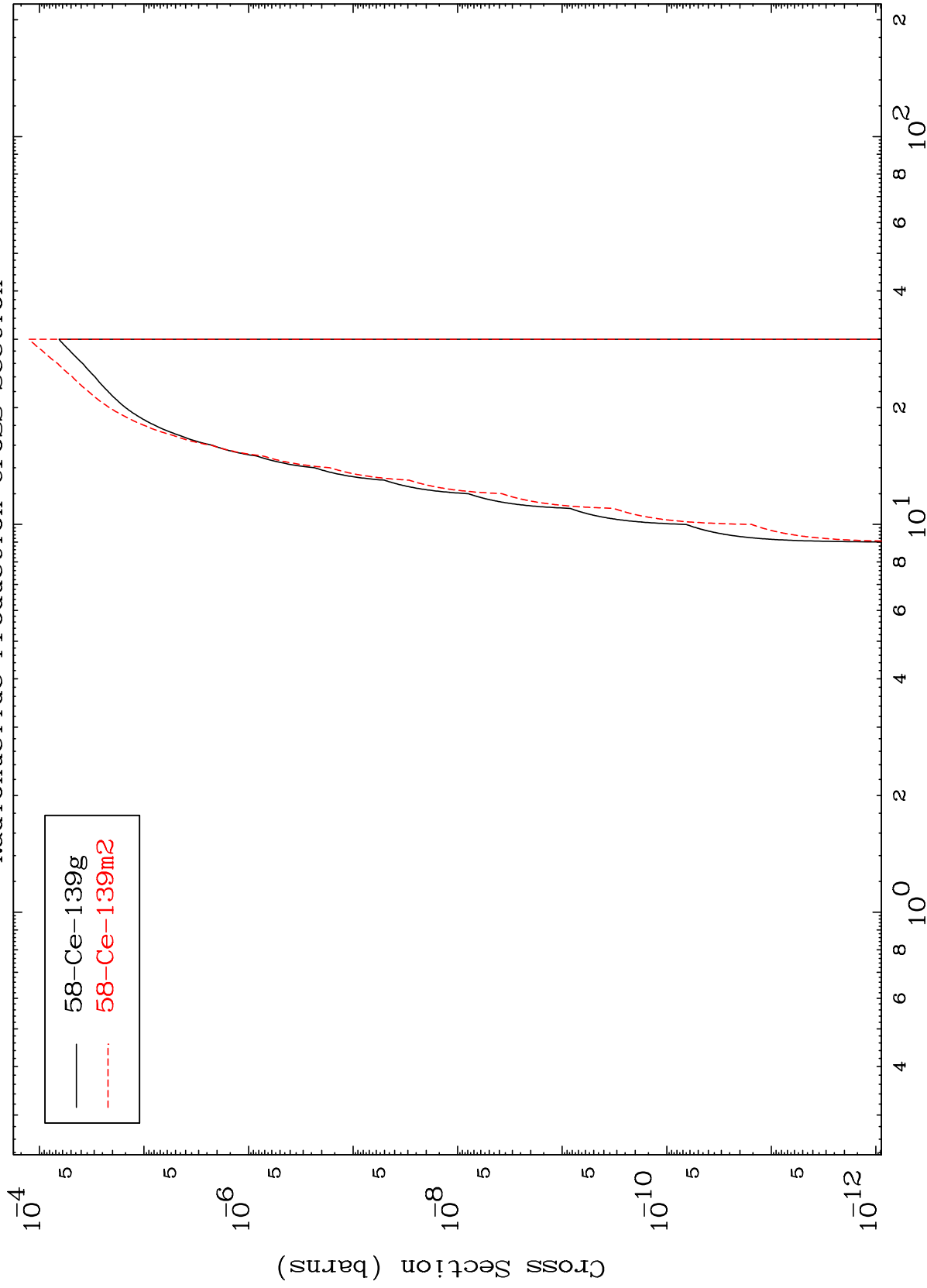
58-Ce-138

MAT 5831

(n,2p)

58-Ce-138

Radionuclide Production Cross Section



22

Incident Energy (MeV)

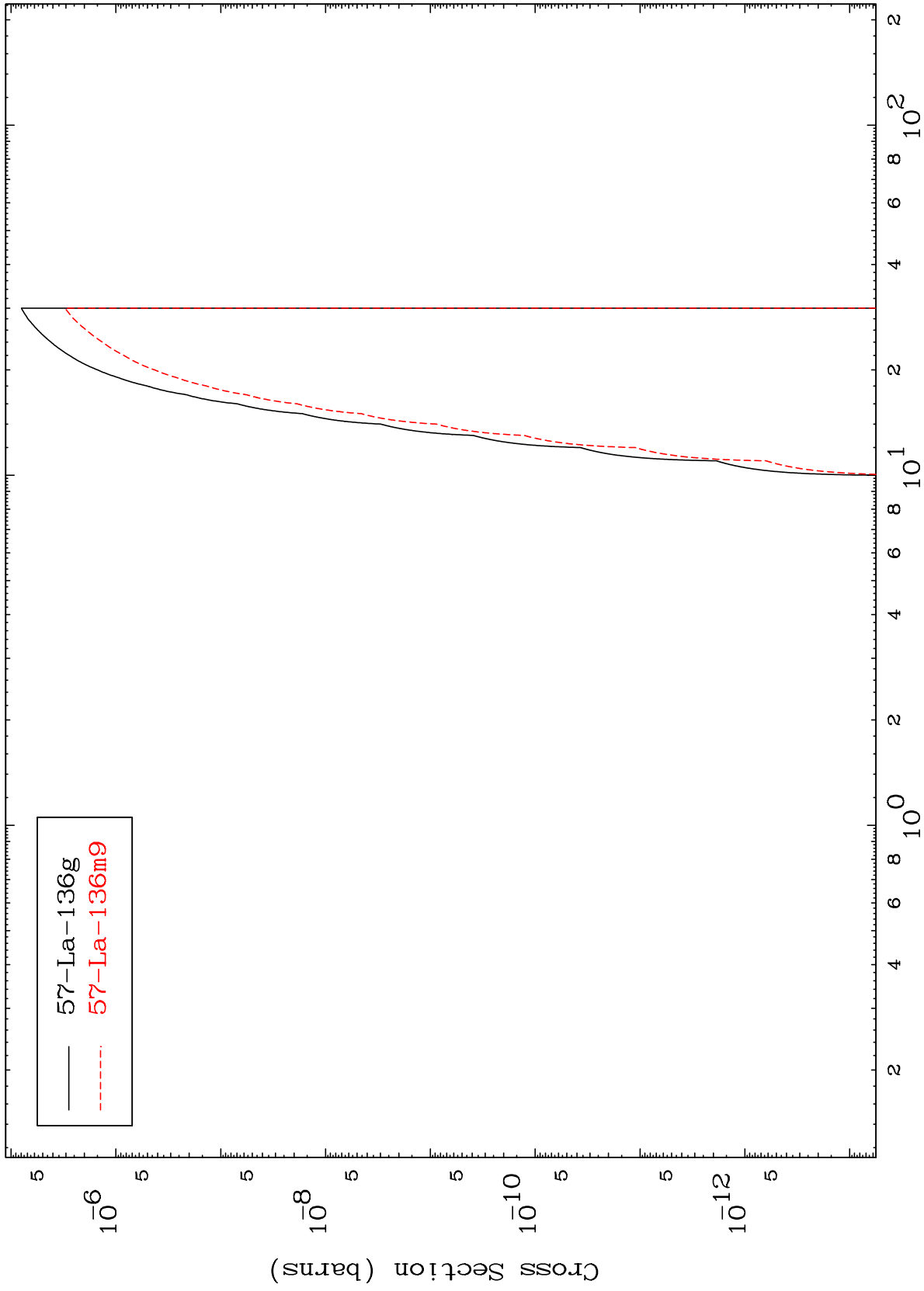
58-Ce-138

MAT 5831

(n,p)  $\alpha$

58-Ce-138

Radionuclide Production Cross Section



23

Incident Energy (MeV)

58-Ce-138

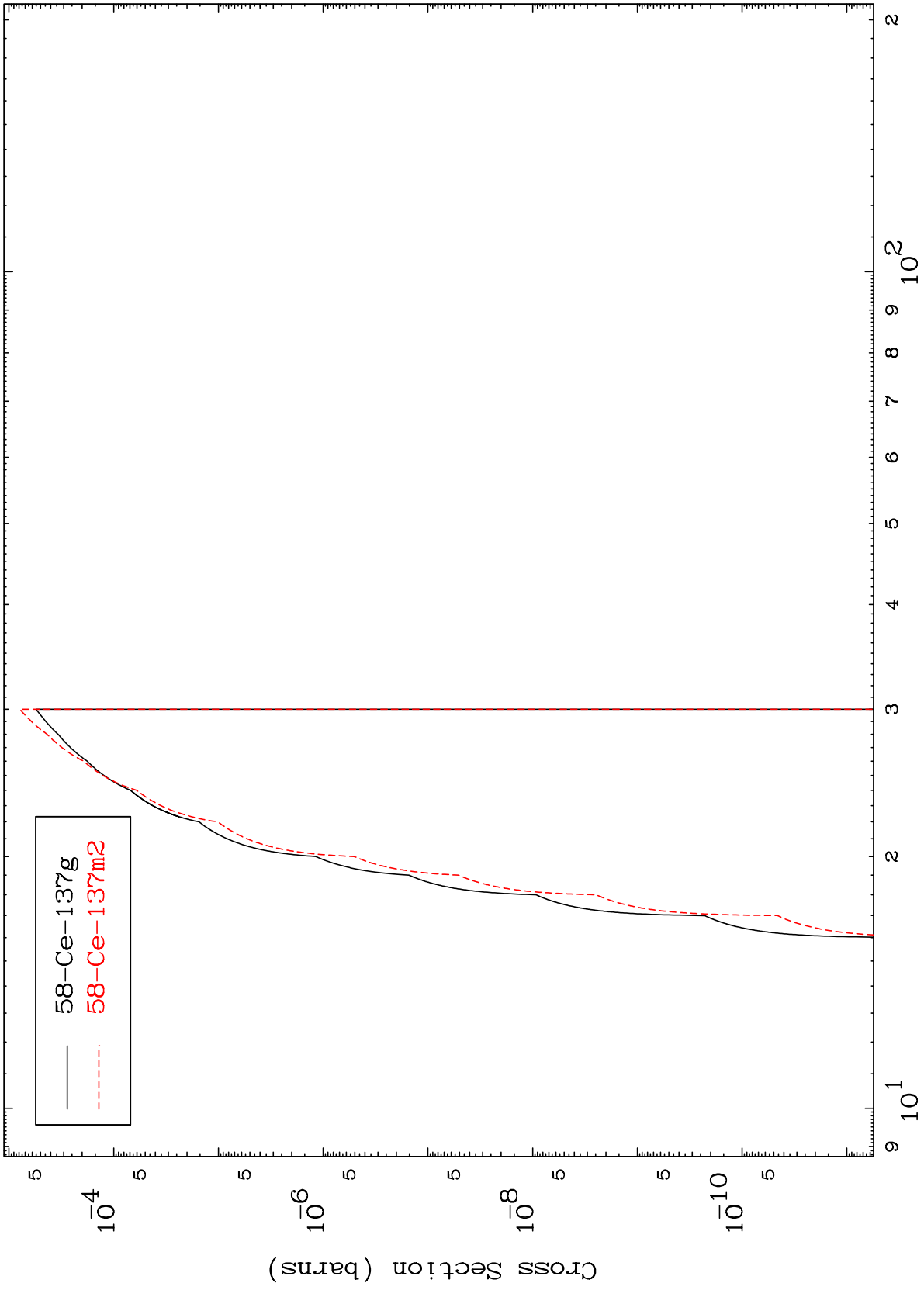


MAT 5831

(n,p) t

58-Ce-138

Radionuclide Production Cross Section



24

Incident Energy (MeV)

58-Ce-138