

Program EVALPLOT  
(Version 2021-1)

by

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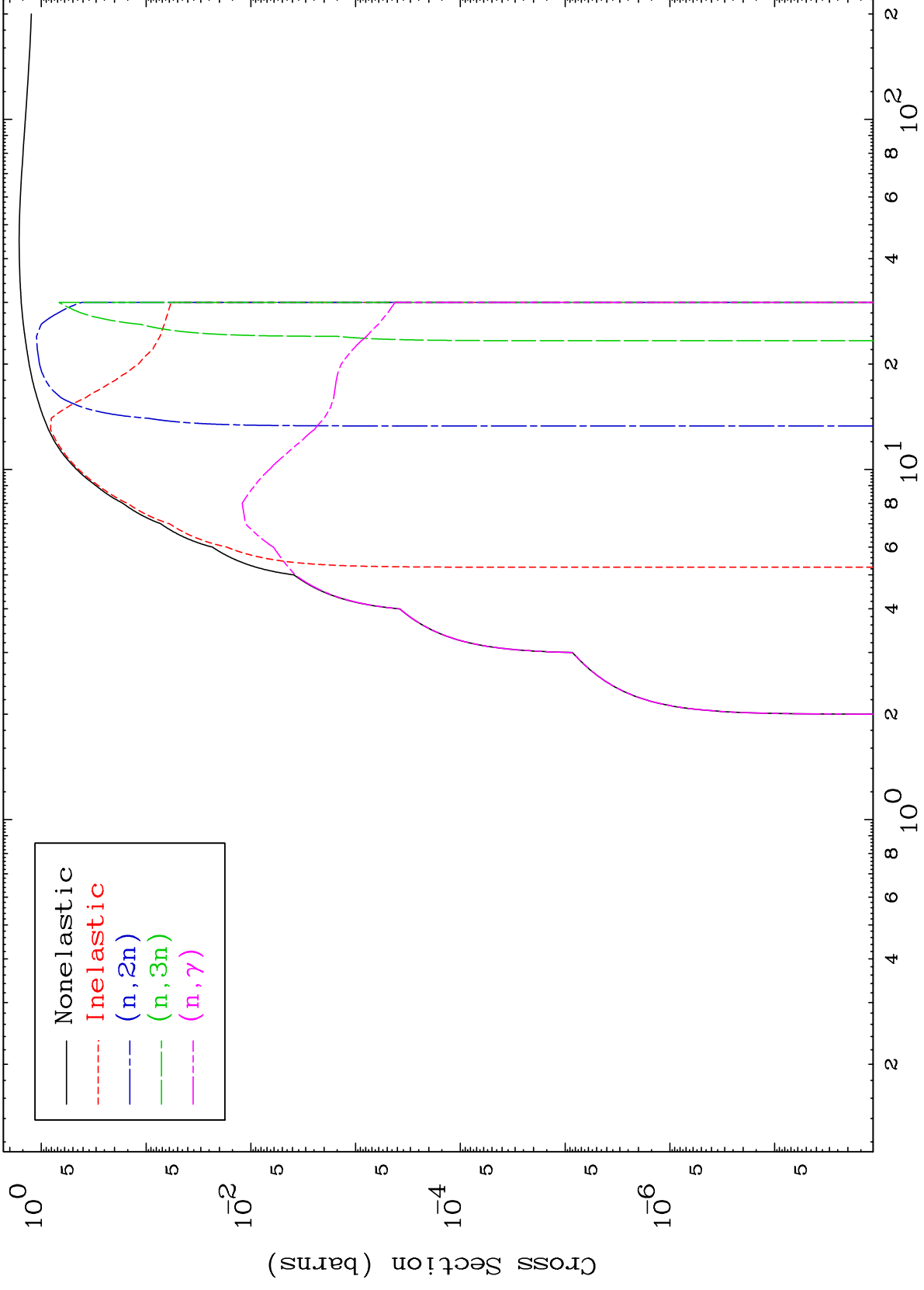
Press Mouse Button to Start

MAT 5831

Proton Major

58-Ce-138

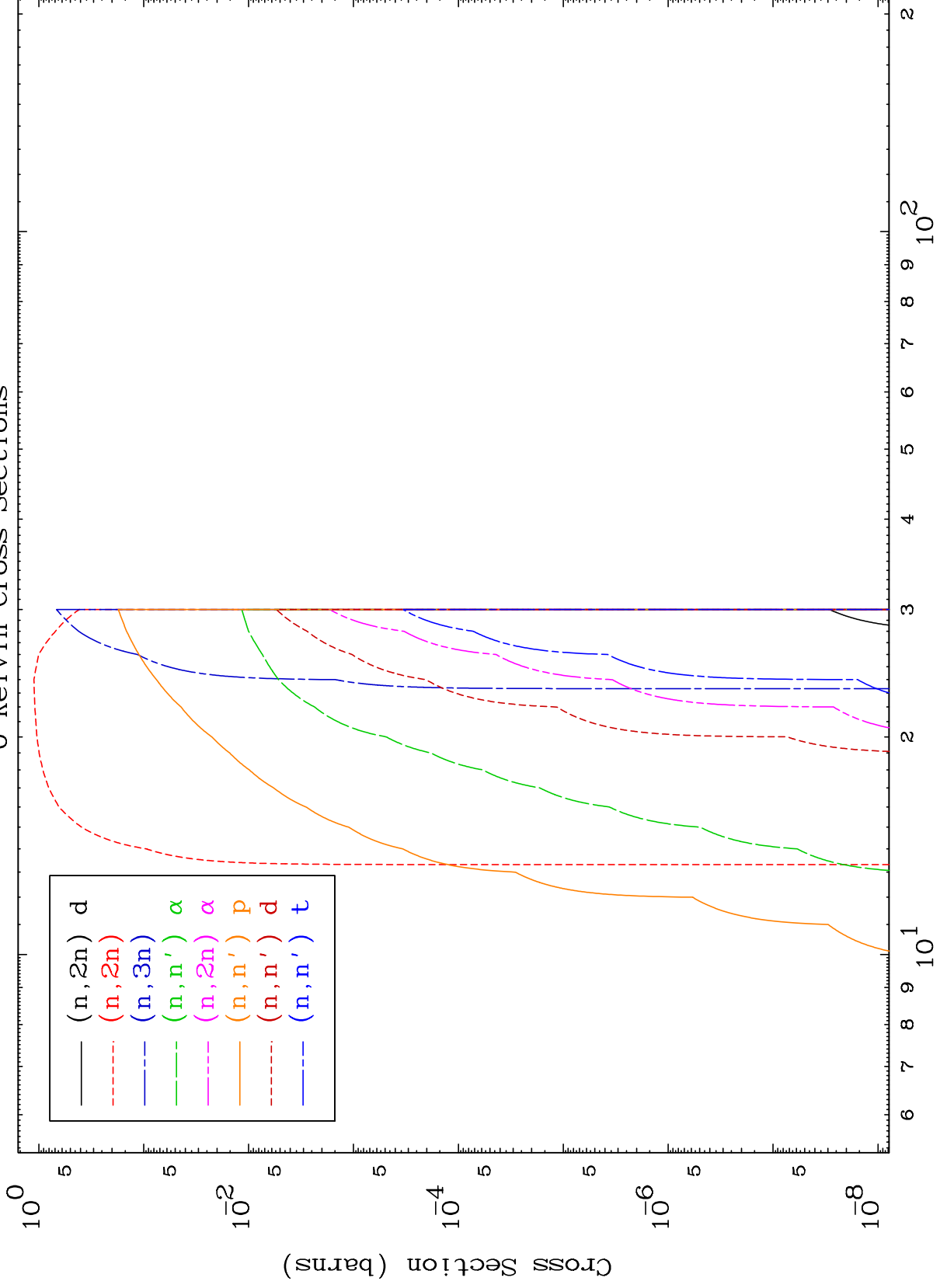
0 Kelvin Cross Sections



MAT 5831

Proton Neutron Absorption  
0 Kelvin Cross Sections

58-Ce-138



2

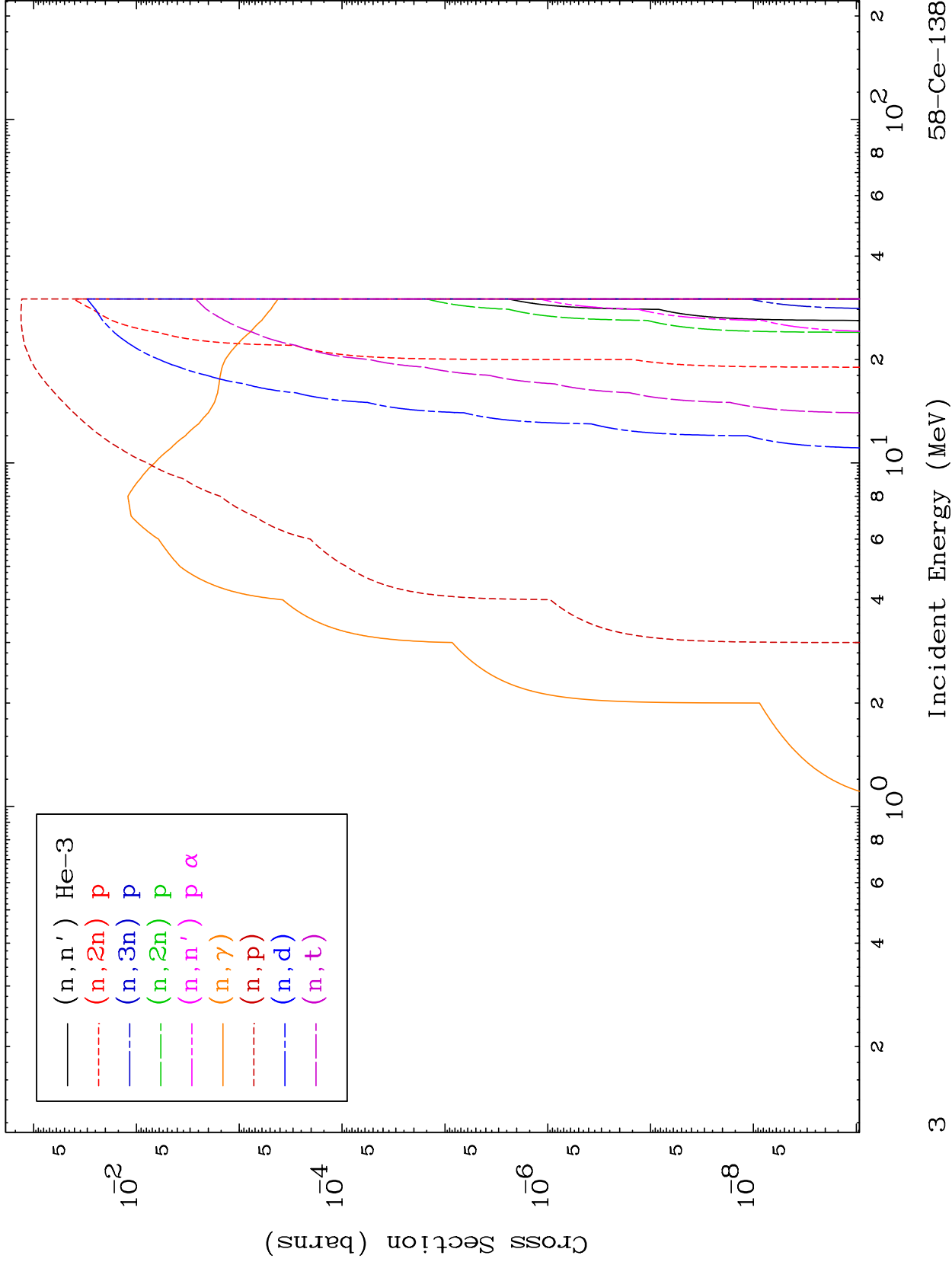
Incident Energy (MeV)

58-Ce-138

MAT 5831

Proton Neutron Absorption  
0 Kelvin Cross Sections

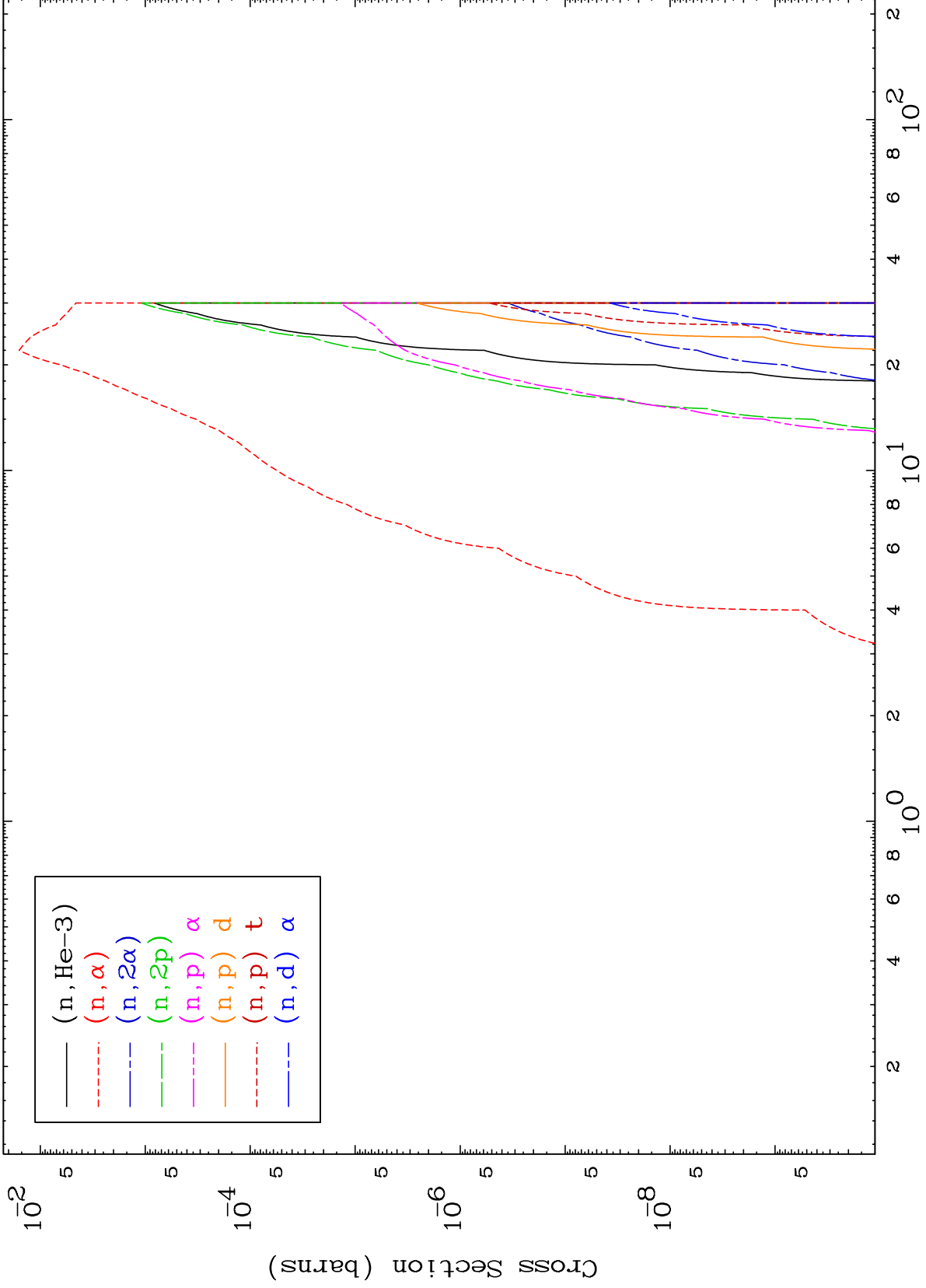
58-Ce-138



MAT 5831

Proton Neutron Absorption  
0 Kelvin Cross Sections

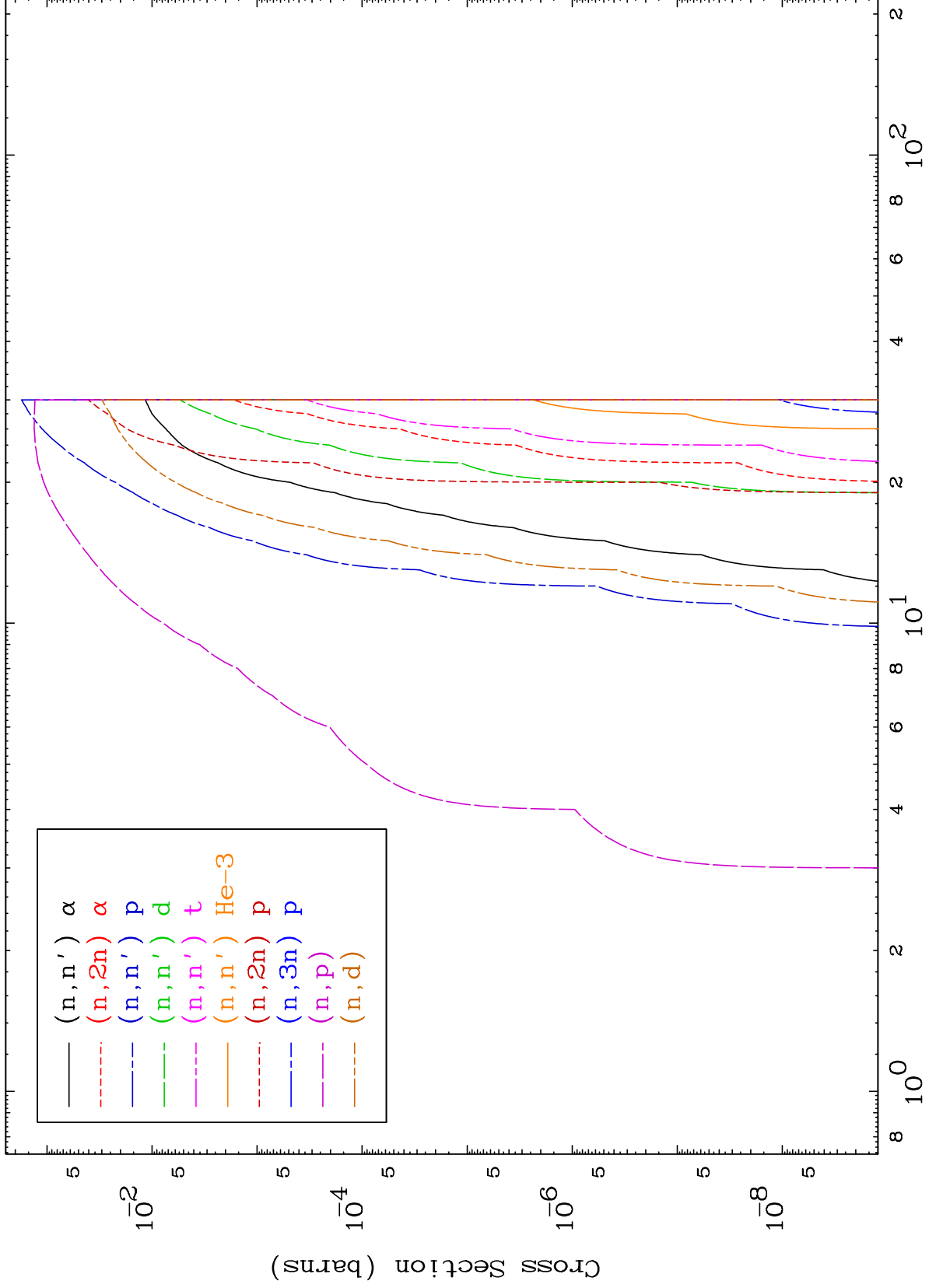
58-Ce-138



MAT 5831

Proton Charged Particle  
0 Kelvin Cross Sections

58-Ce-138



5

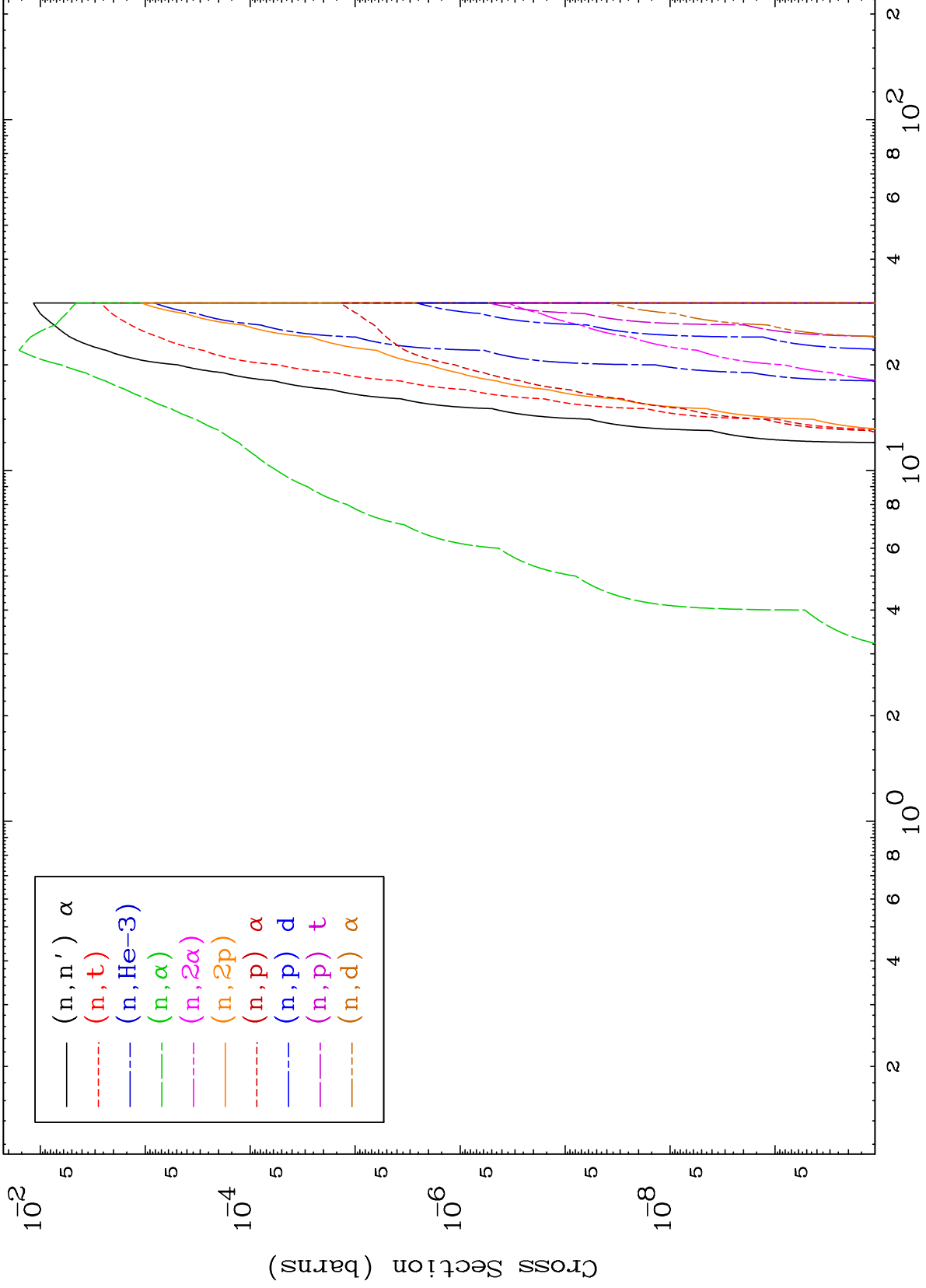
Incident Energy (MeV)

58-Ce-138

MAT 5831

Proton Charged Particle  
0 Kelvin Cross Sections

58-Ce-138

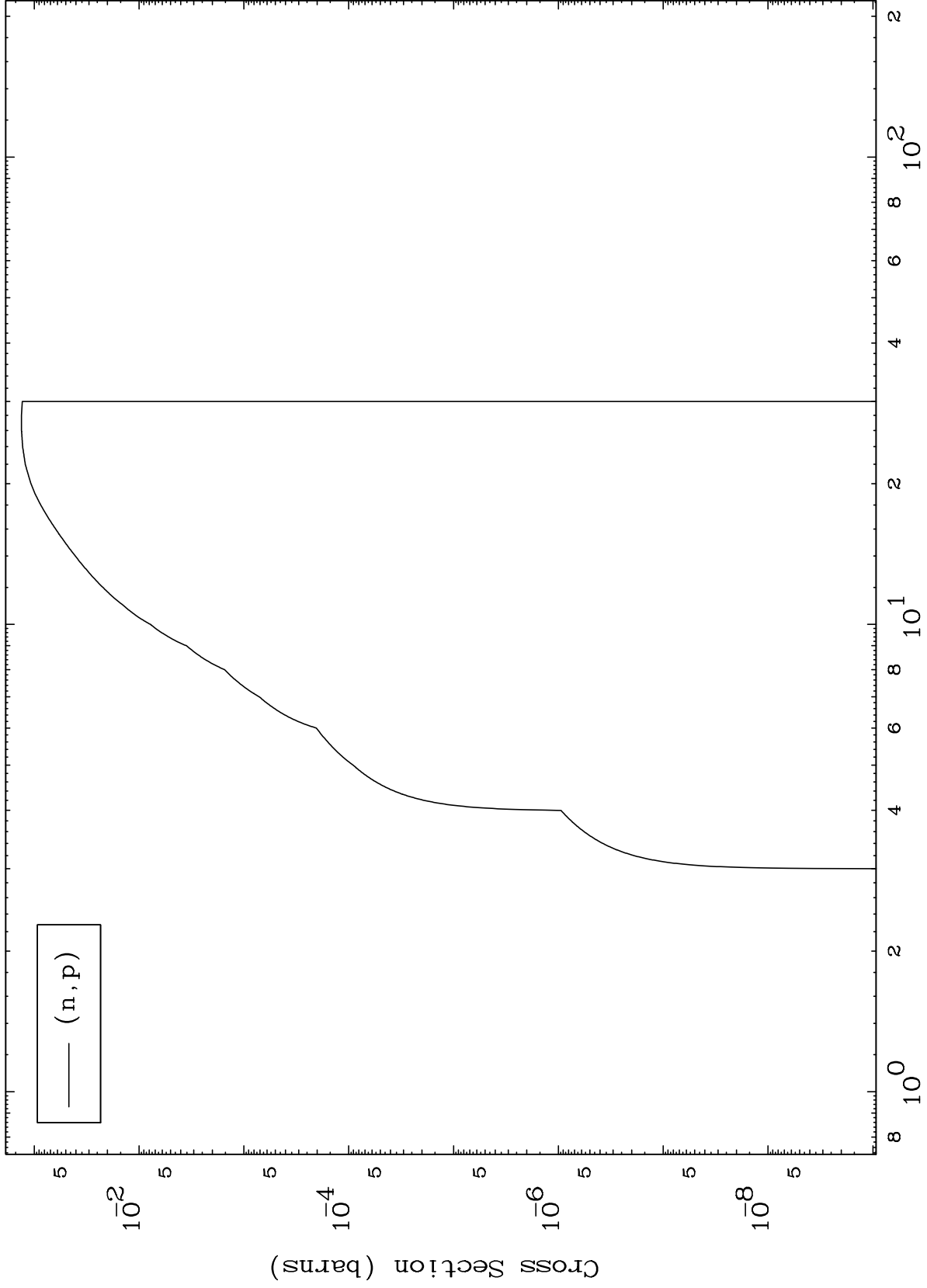


MAT 5831

(p,p) Levels

58-Ce-138

0 Kelvin Cross Sections



(n,p)

7

Incident Energy (MeV)

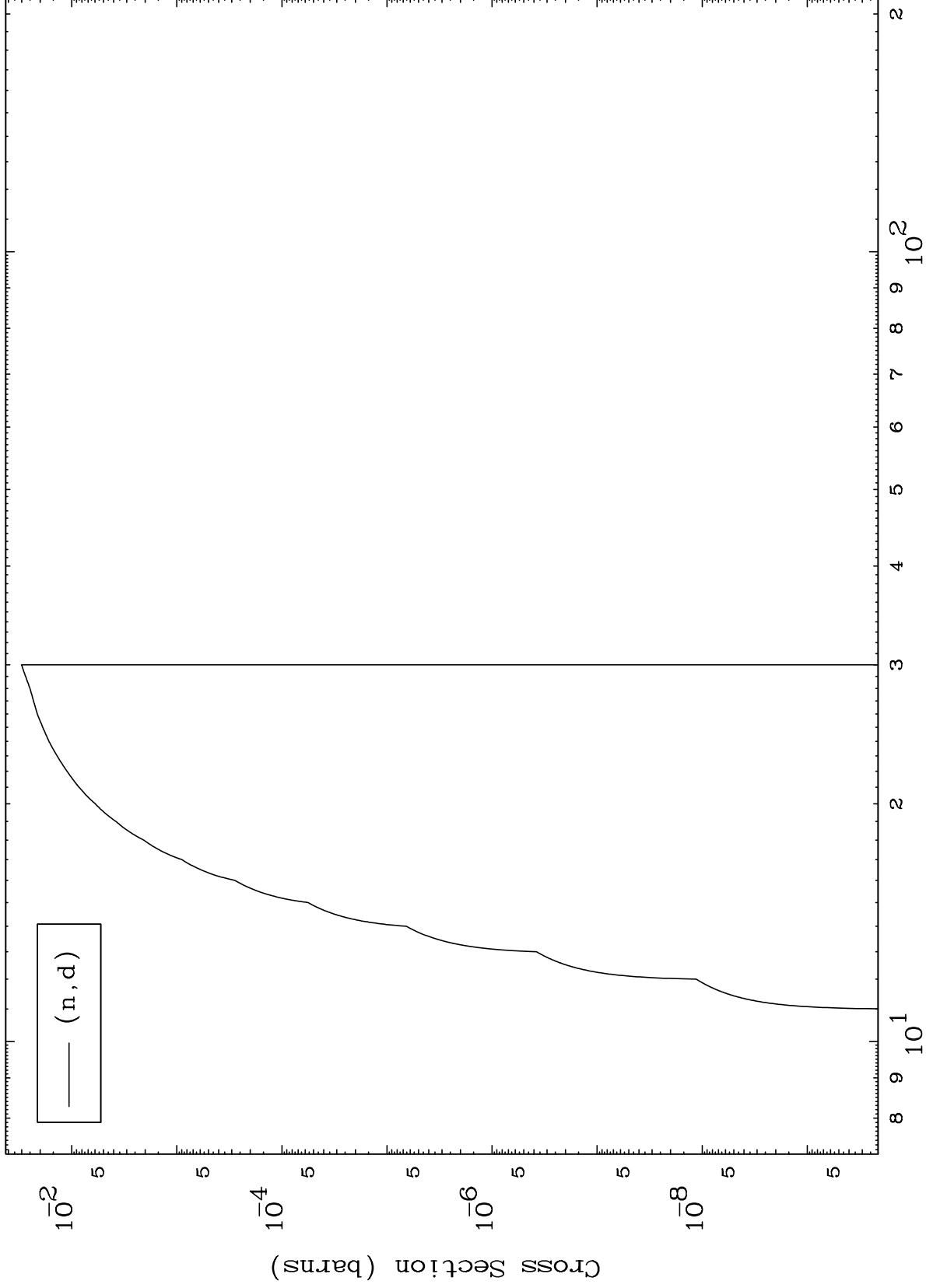
58-Ce-138



MAT 5831

(p,d) Levels  
0 Kelvin Cross Sections

58-Ce-138



8

Incident Energy (MeV)

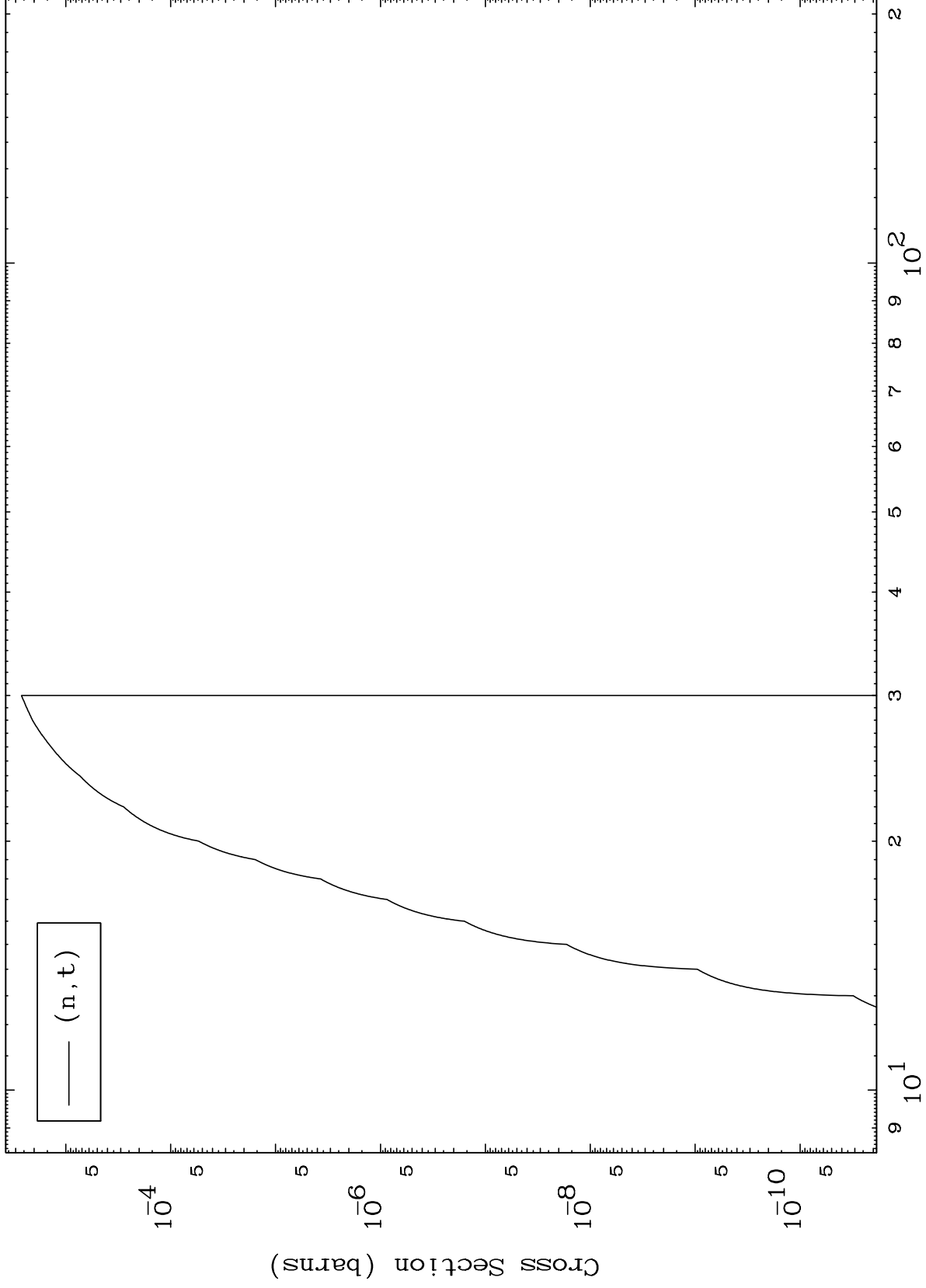
58-Ce-138

MAT 5831

(p, t) Levels

58-Ce-138

0 Kelvin Cross Sections



9

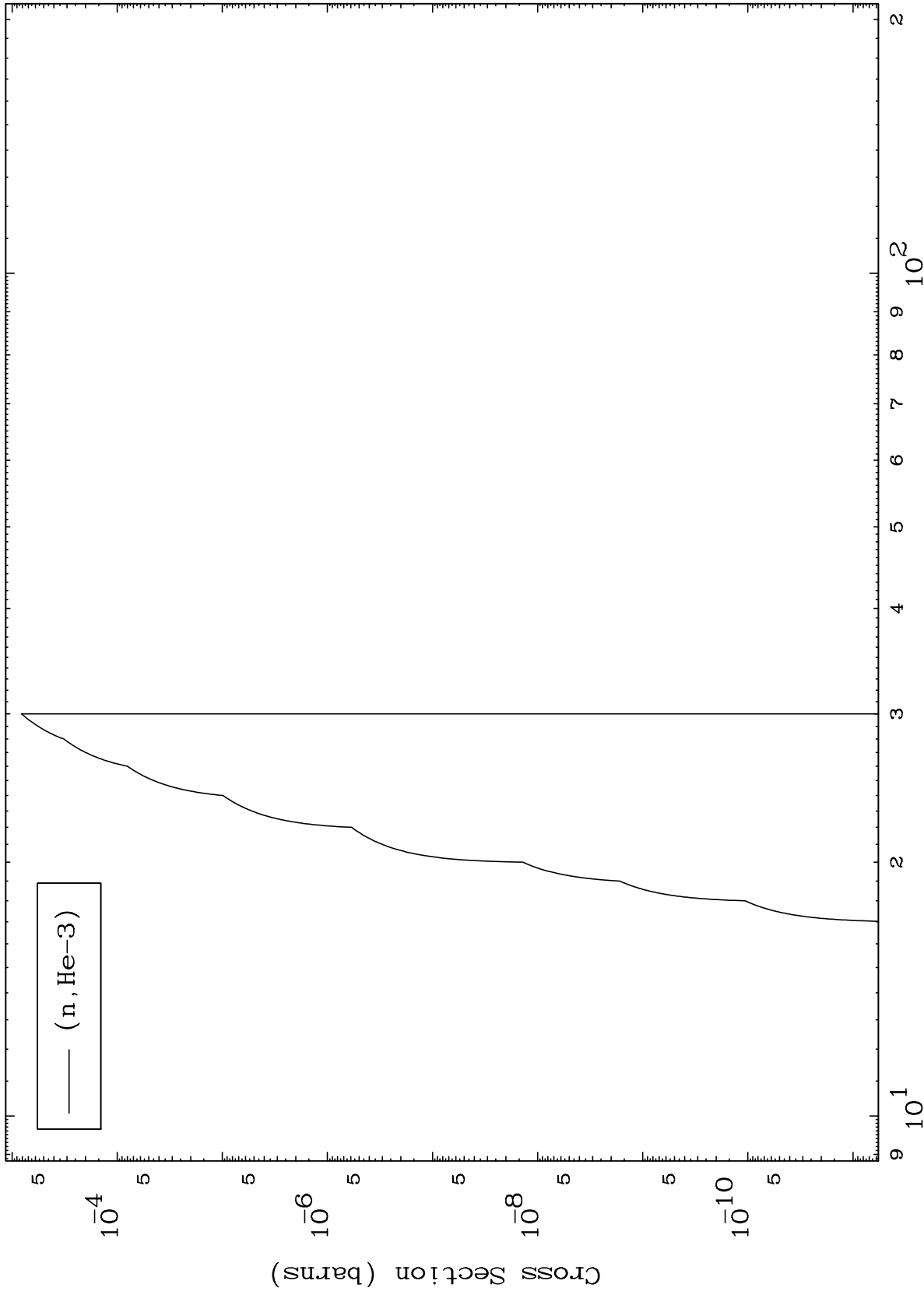
Incident Energy (MeV)

58-Ce-138

MAT 5831

58-Ce-138

(p,He3) Levels  
0 Kelvin Cross Sections



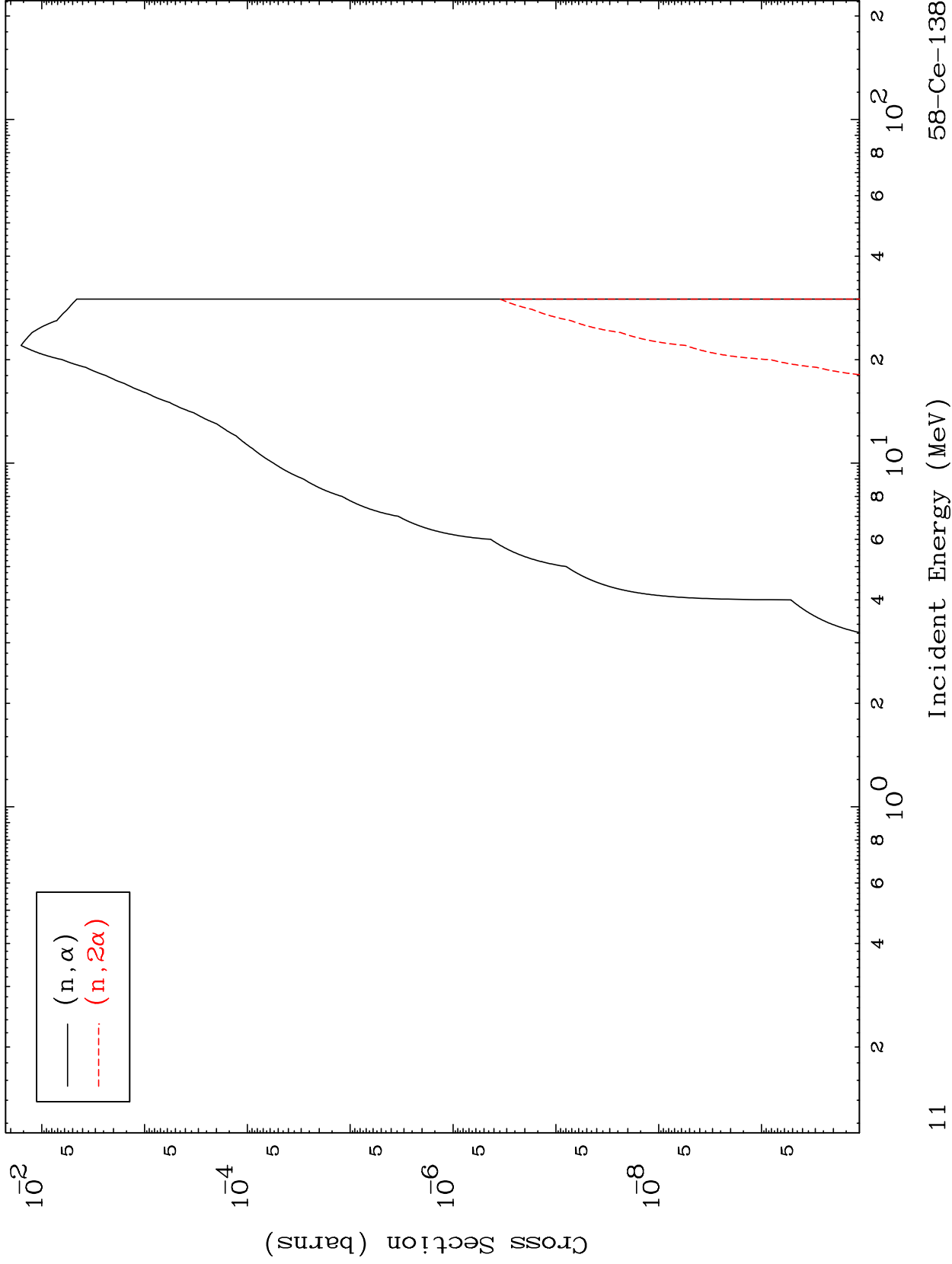
58-Ce-138

Incident Energy (MeV)

MAT 5831

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

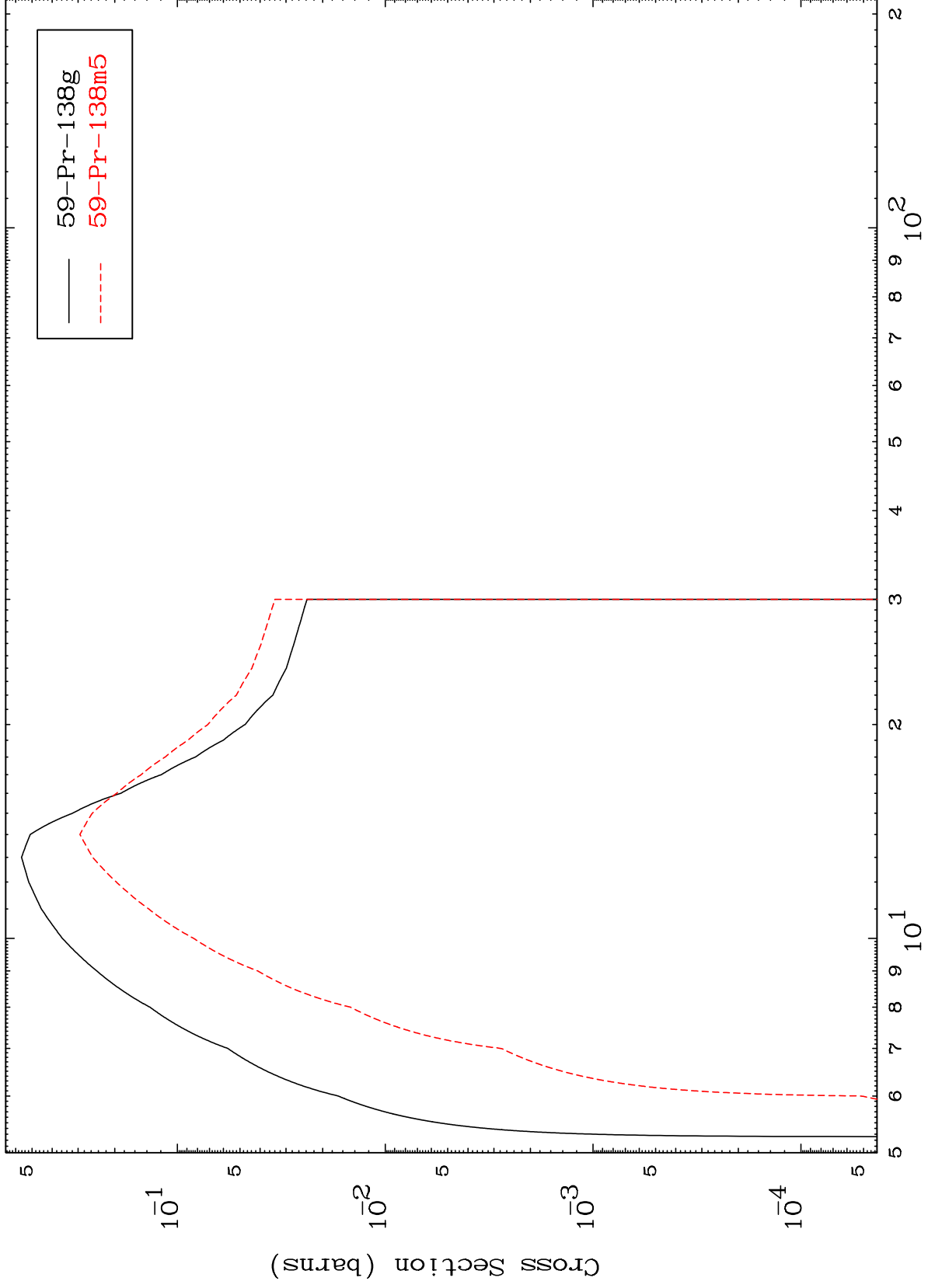
58-Ce-138



MAT 5831

58-Ce-138

### Inelastic Radionuclide Production Cross Section



12

Incident Energy (MeV)

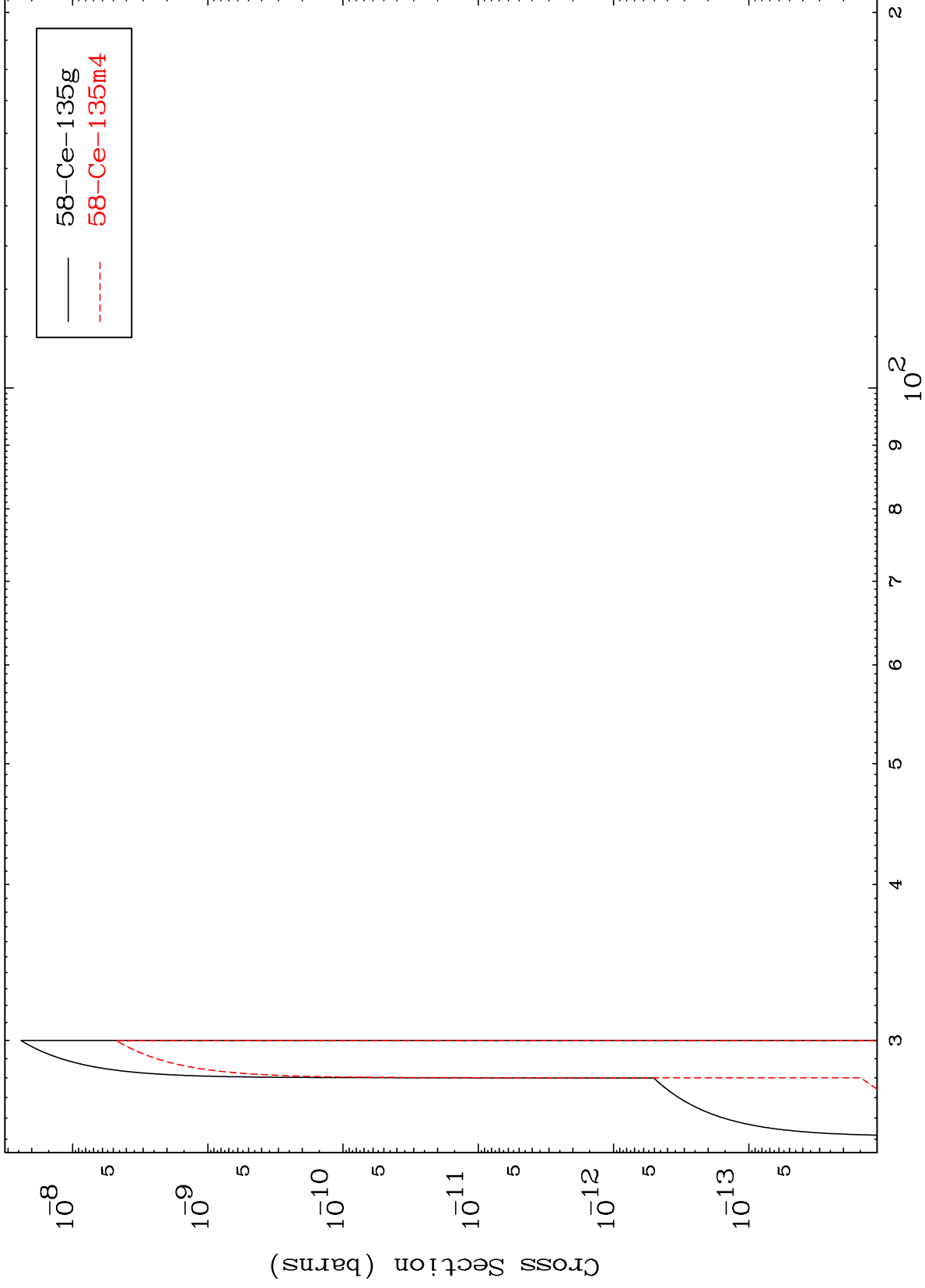
58-Ce-138

MAT 5831

(n,2n) d

58-Ce-138

Radionuclide Production Cross Section



13

Incident Energy (MeV)

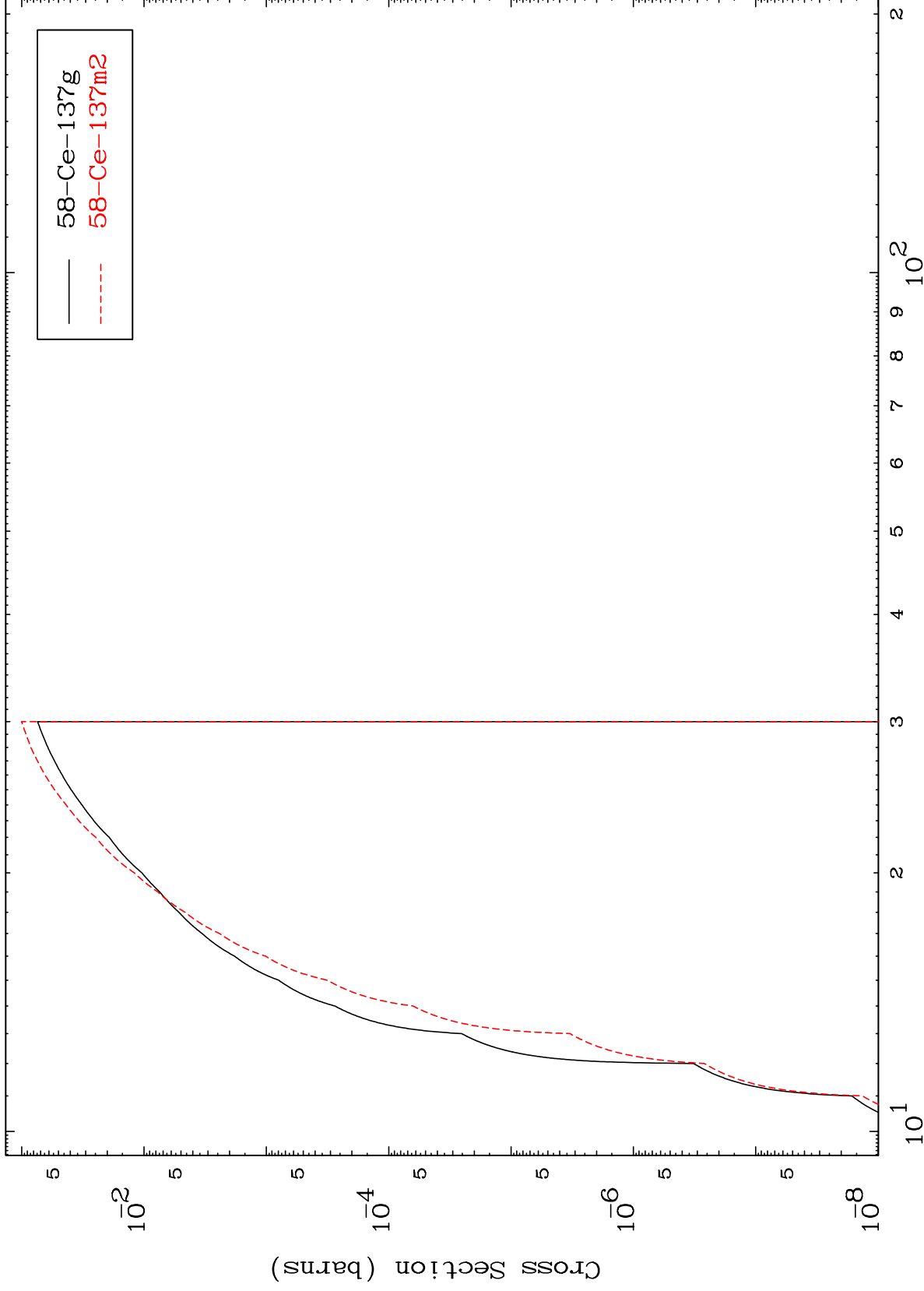
58-Ce-138

MAT 5831

(n,n') p

58-Ce-138

Radionuclide Production Cross Section



14

Incident Energy (MeV)

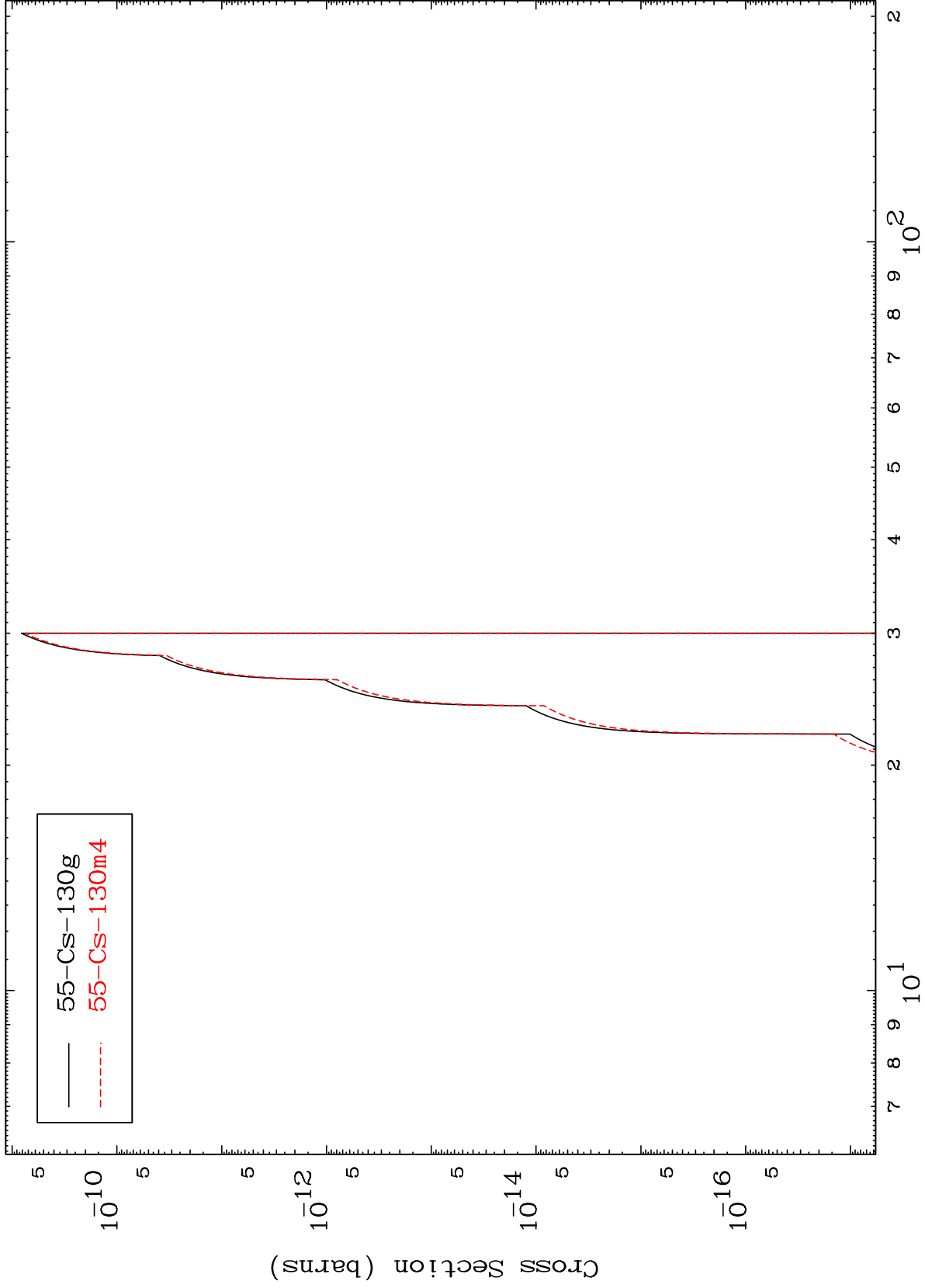
58-Ce-138

MAT 5831

(n,n') 2α

58-Ce-138

Radionuclide Production Cross Section



15

Incident Energy (MeV)

58-Ce-138

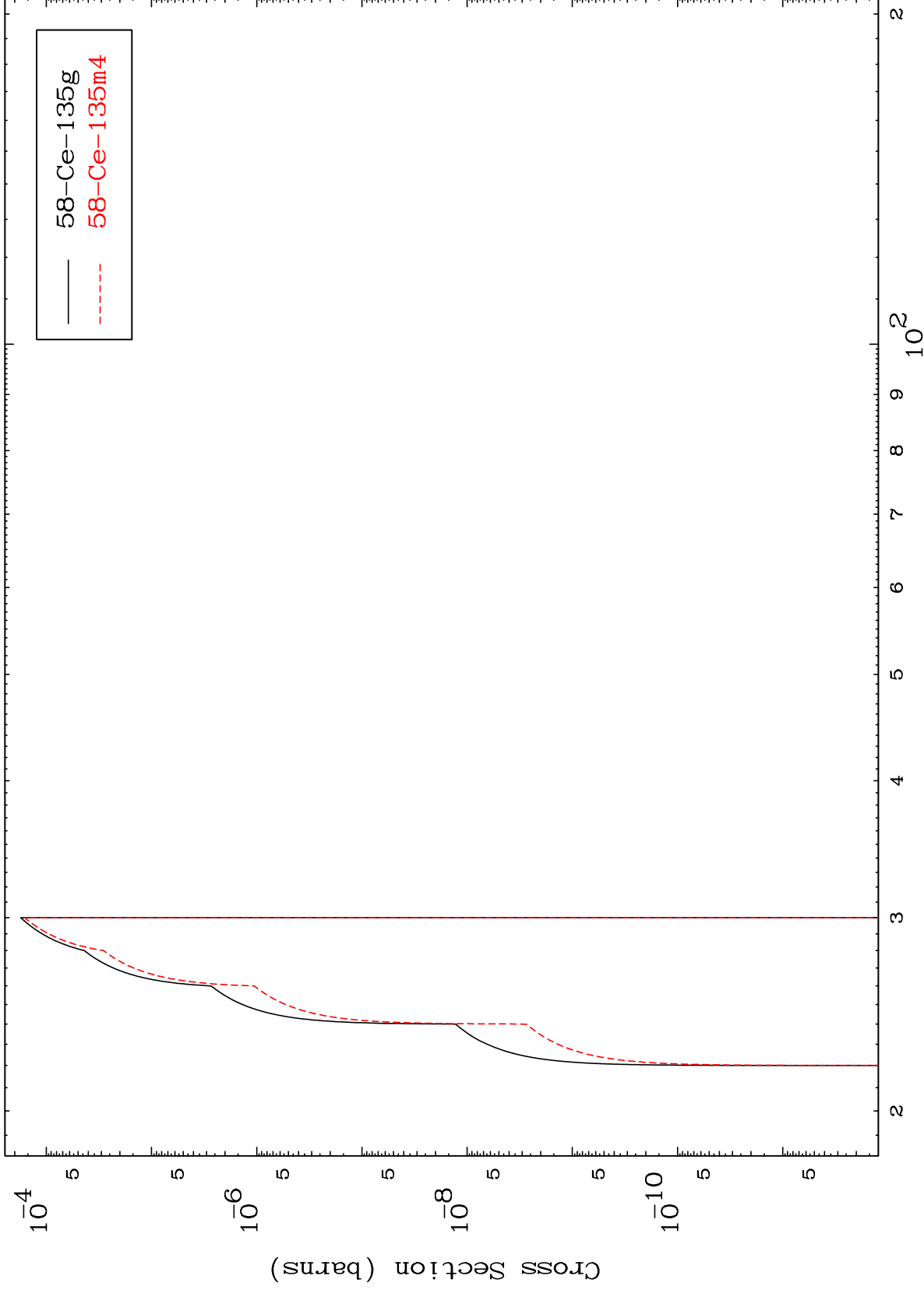


MAT 5831

(n,n') t

58-Ce-138

Radionuclide Production Cross Section



16

Incident Energy (MeV)

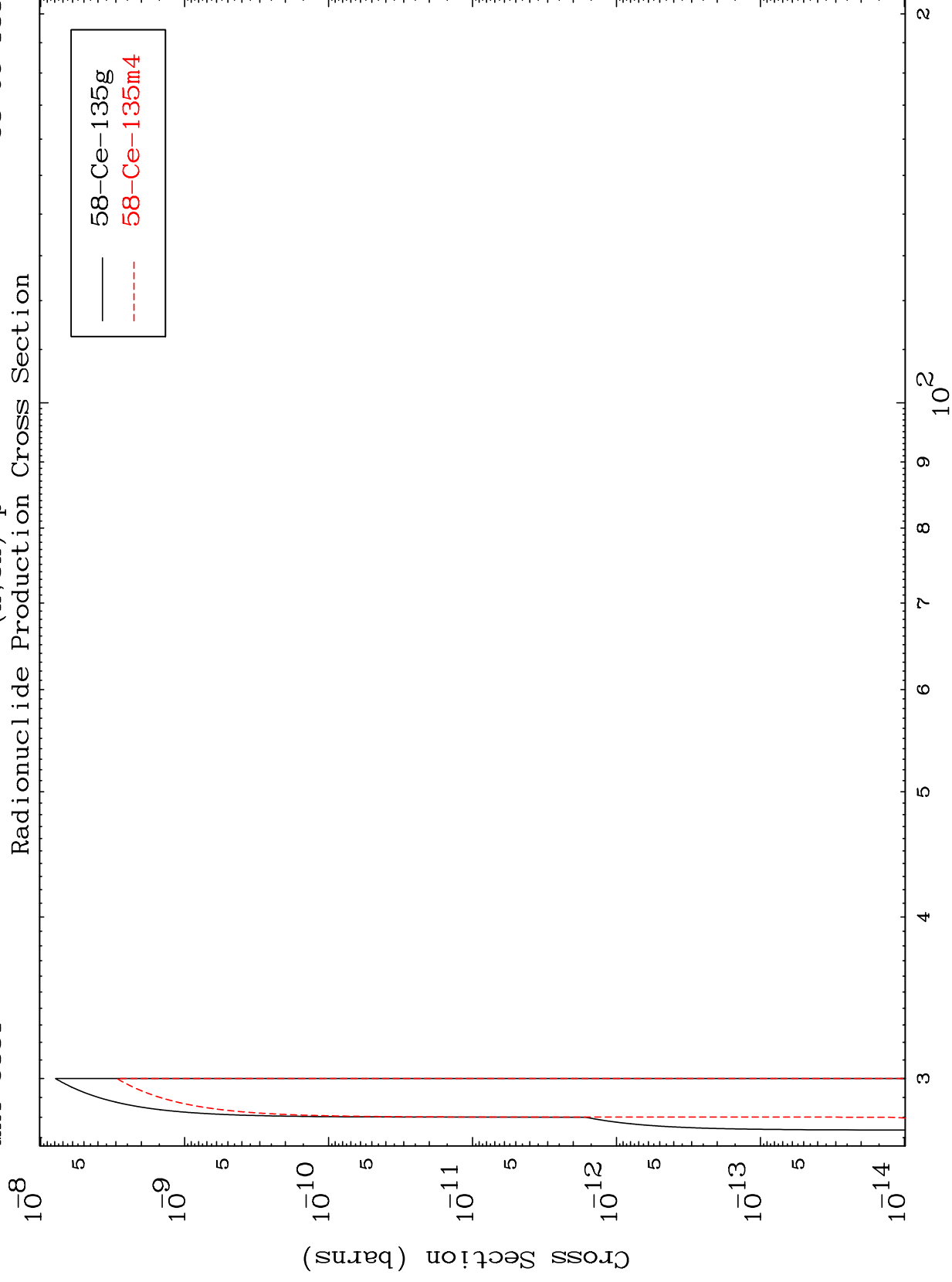
58-Ce-138

MAT 5831

(n,3n) p

58-Ce-138

Radionuclide Production Cross Section



17

Incident Energy (MeV)

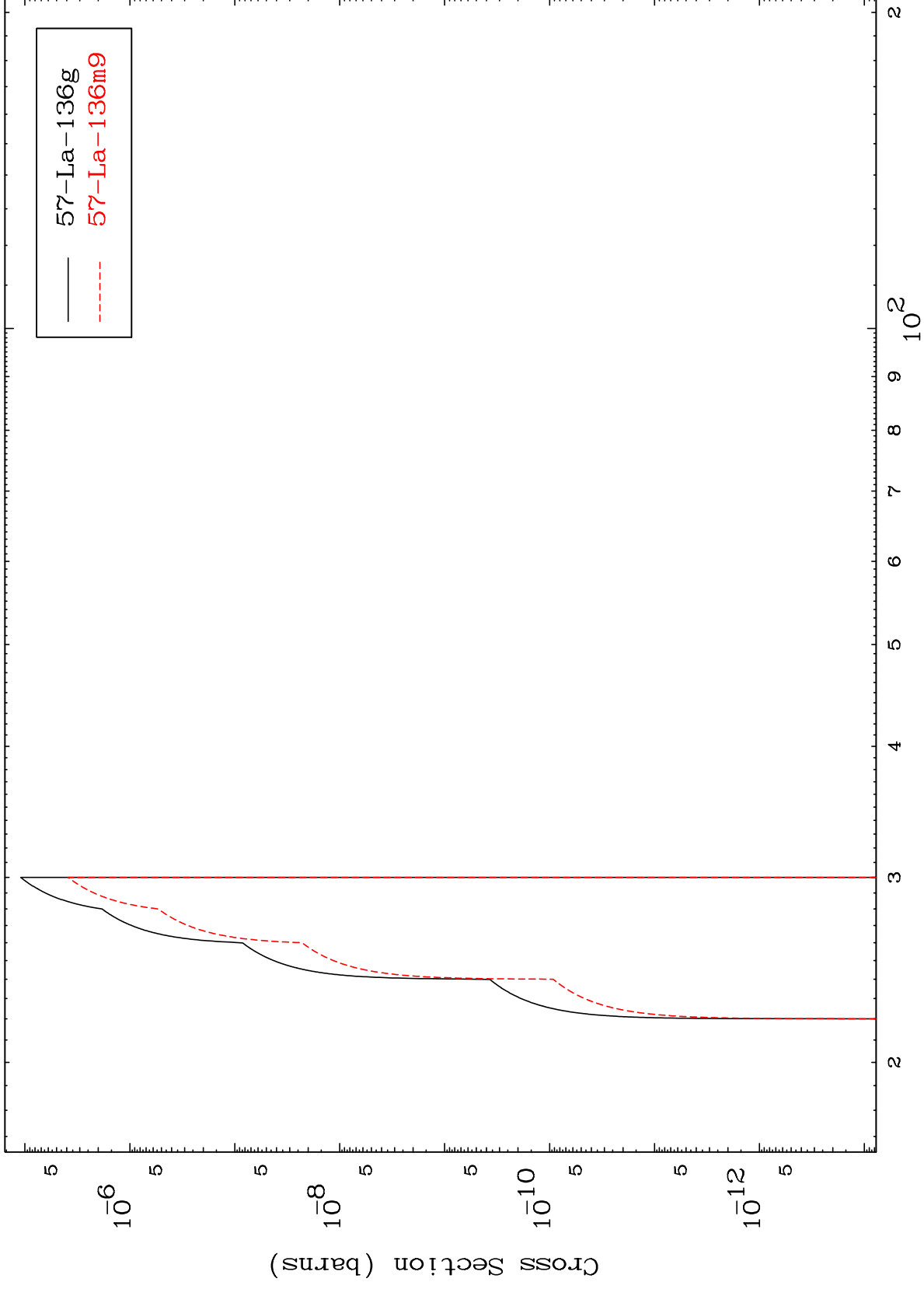
58-Ce-138

MAT 5831

(n,2n) p

58-Ce-138

Radionuclide Production Cross Section



18

Incident Energy (MeV)

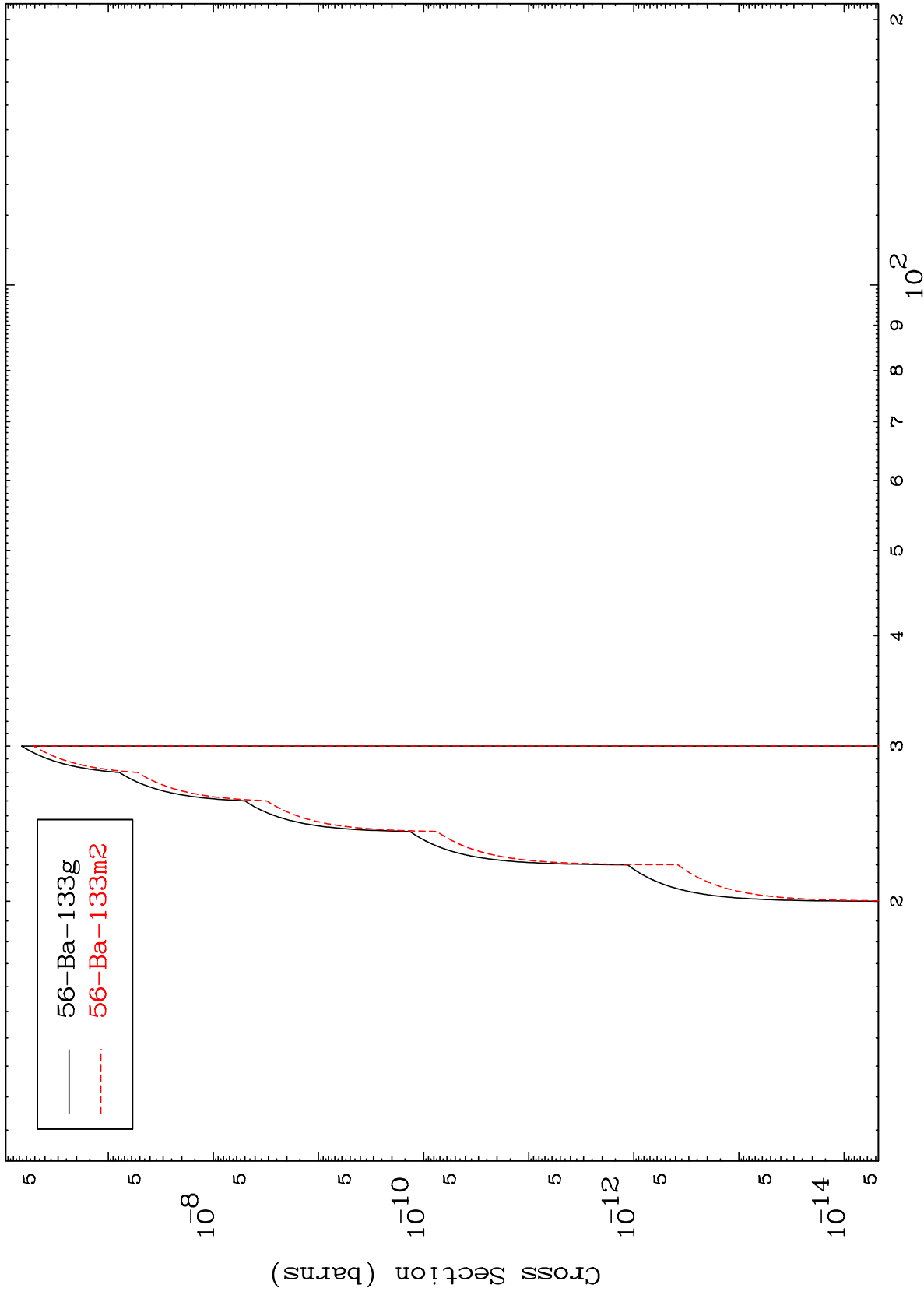
58-Ce-138

MAT 5831

(n,n') p  $\alpha$

58-Ce-138

Radionuclide Production Cross Section

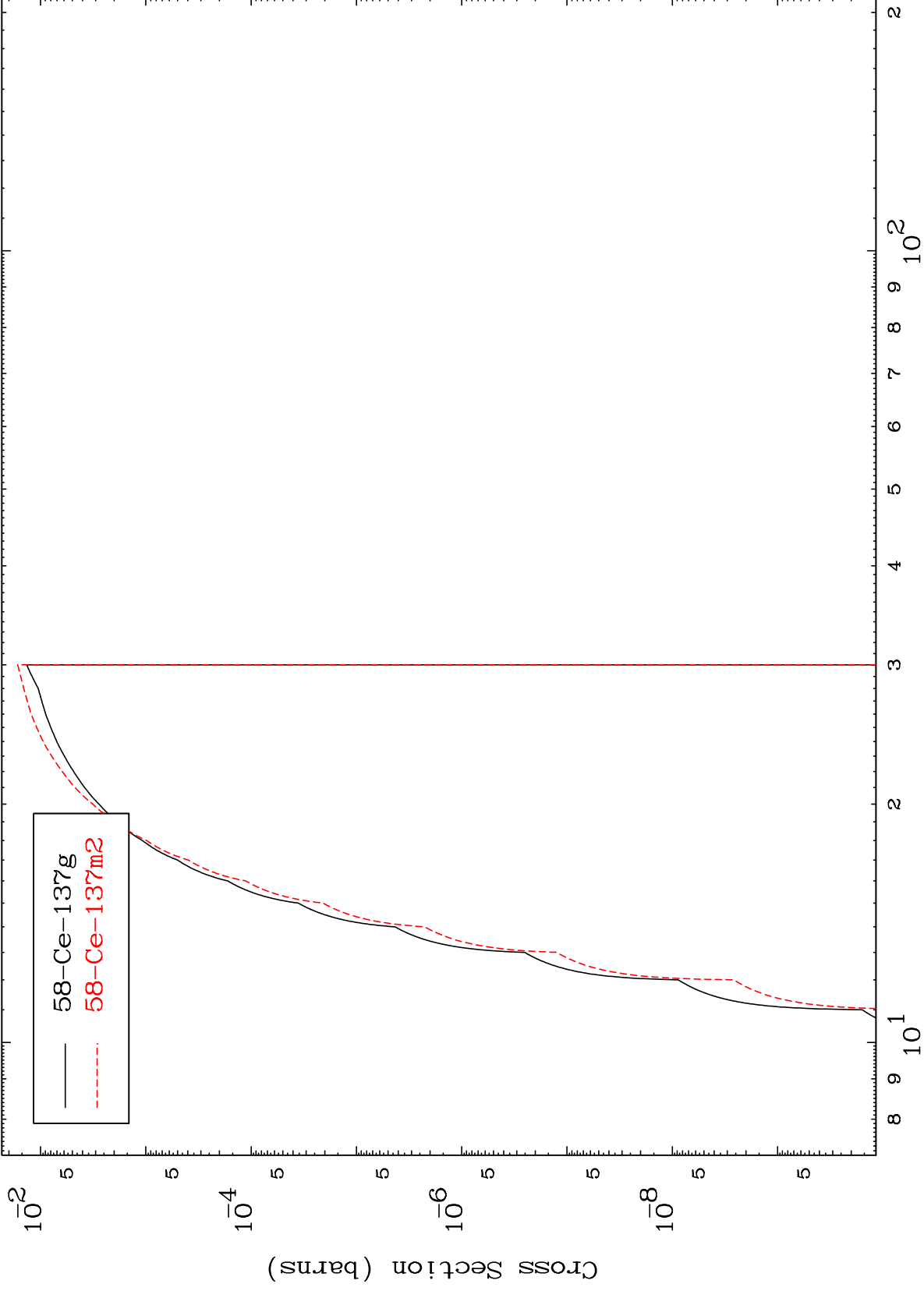


MAT 5831

(n,d)

58-Ce-138

Radionuclide Production Cross Section



20

Incident Energy (MeV)

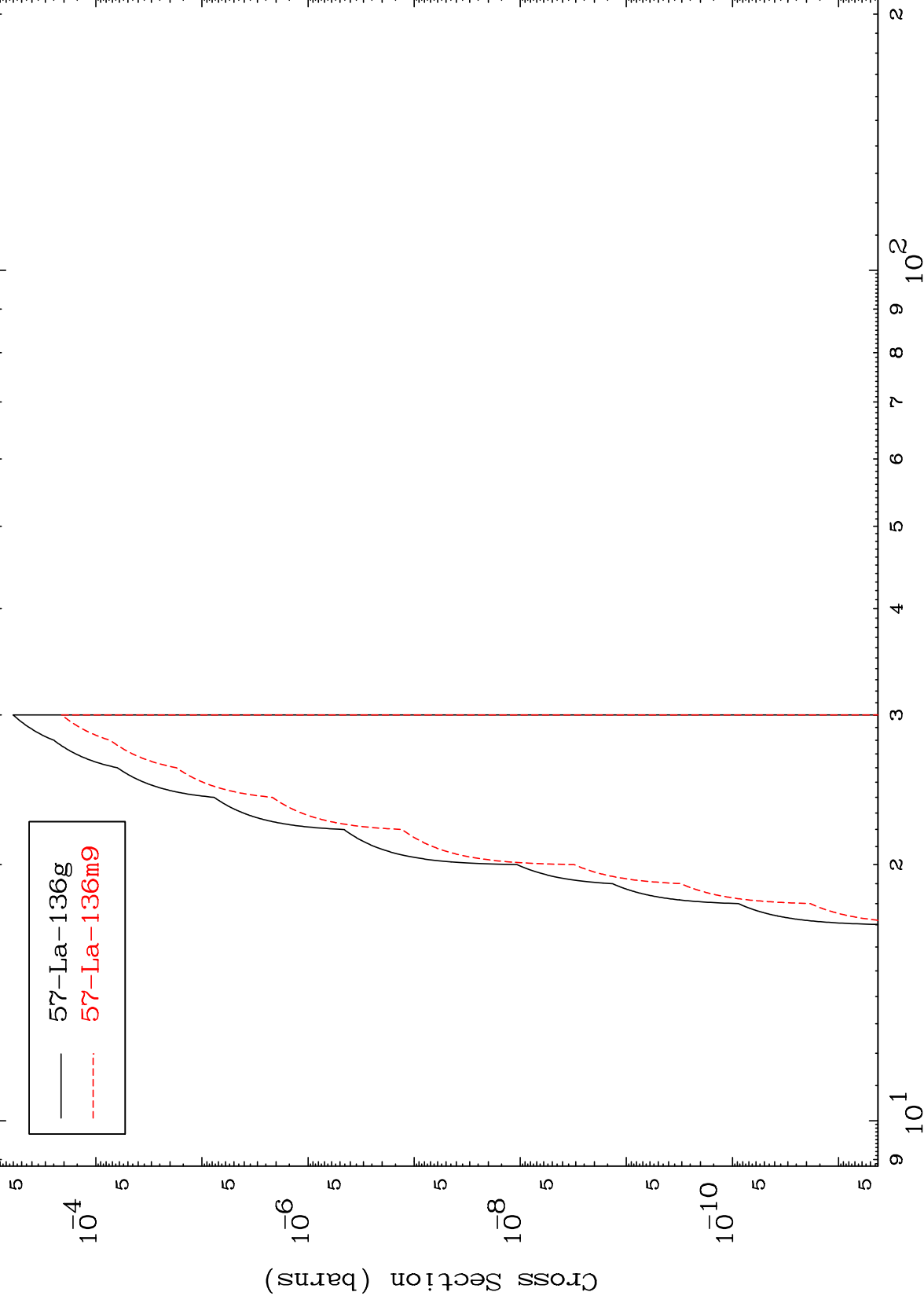
58-Ce-138

MAT 5831

(n,He-3)

58-Ce-138

Radionuclide Production Cross Section

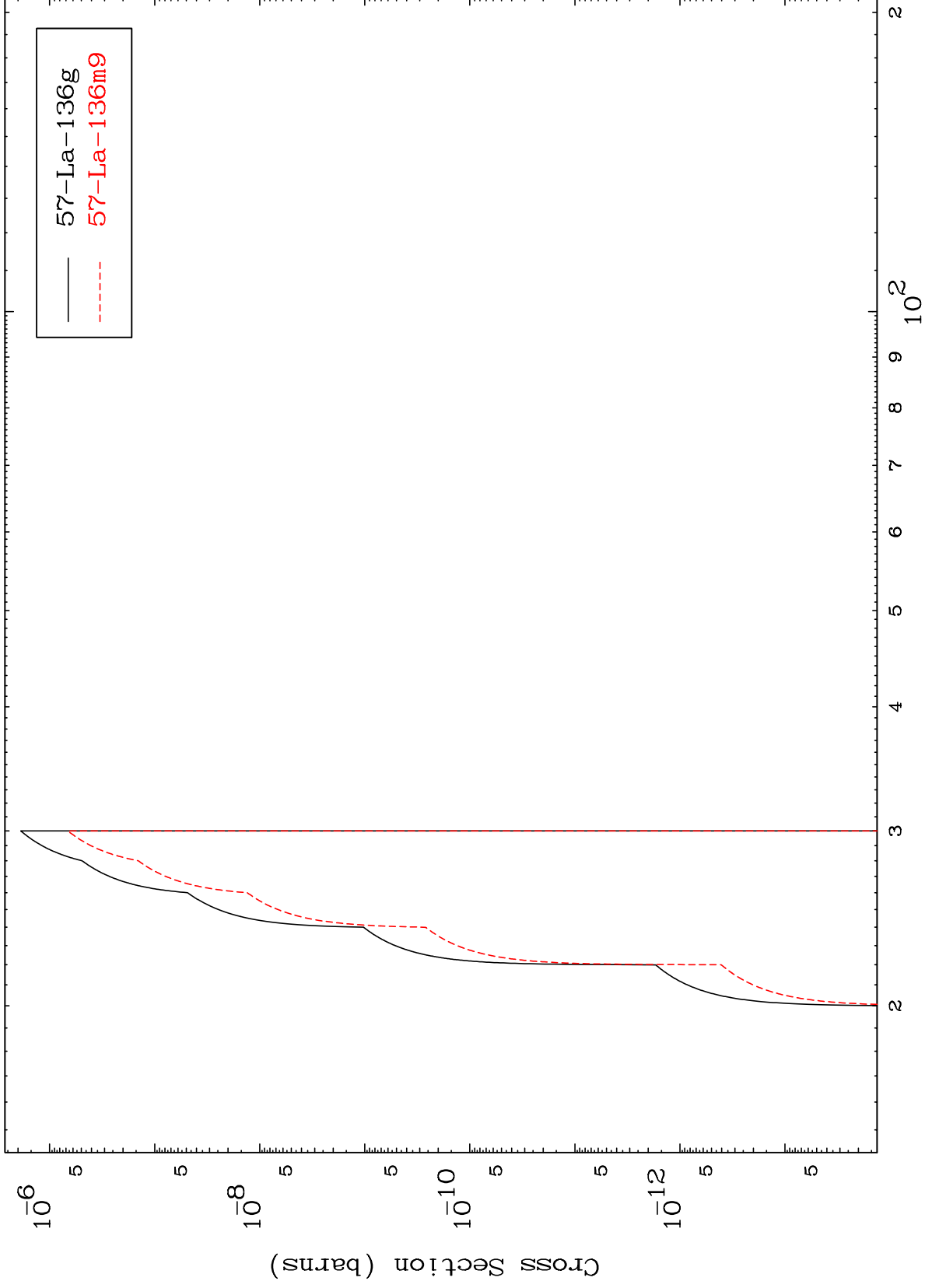


21

Incident Energy (MeV)

58-Ce-138

Radionuclide Production Cross Section

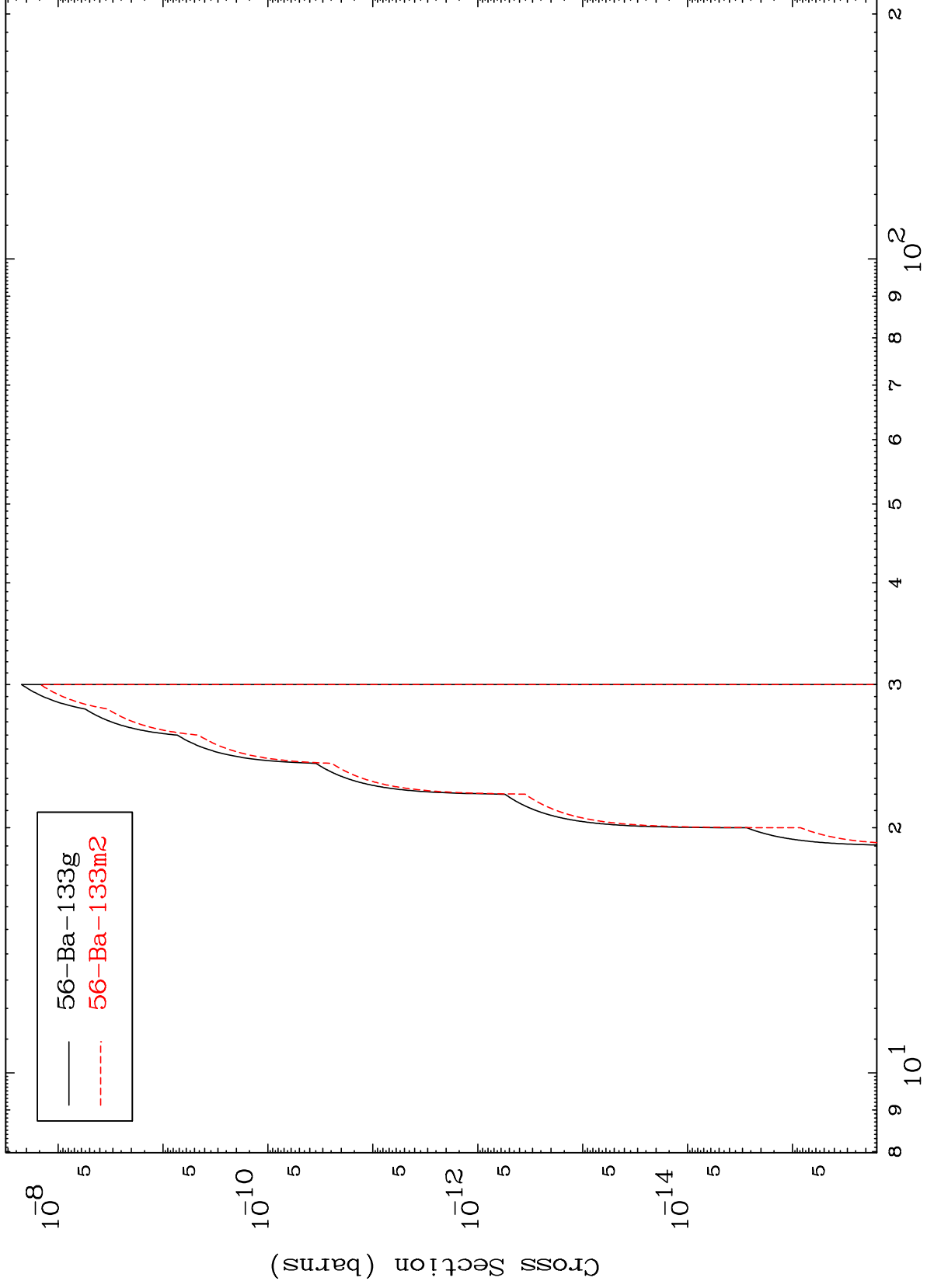


MAT 5831

(n,d)  $\alpha$

58-Ce-138

Radionuclide Production Cross Section



23

Incident Energy (MeV)

58-Ce-138