

Program EVALPLOT  
(Version 2021-1)

by

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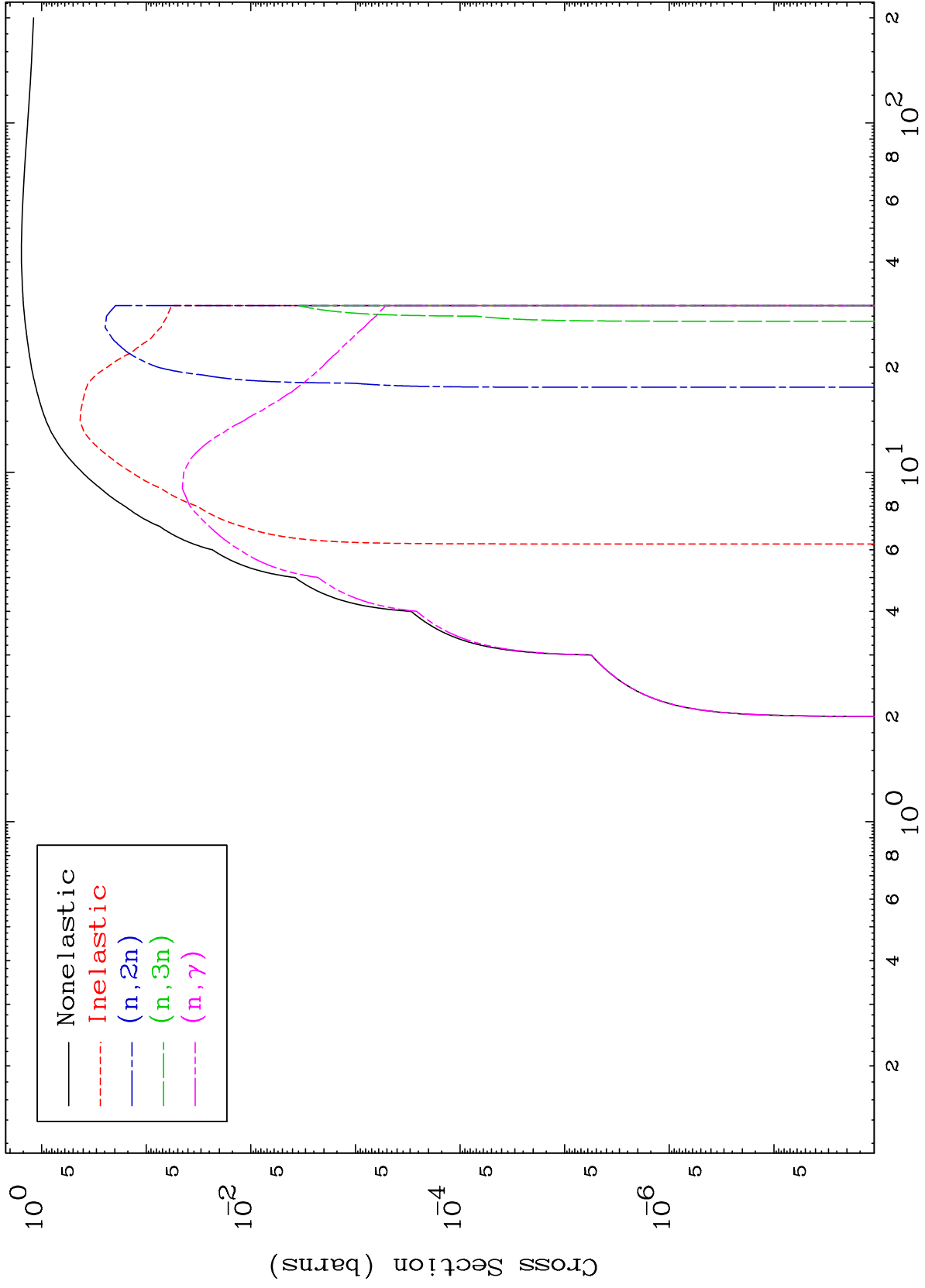
Press Mouse Button to Start

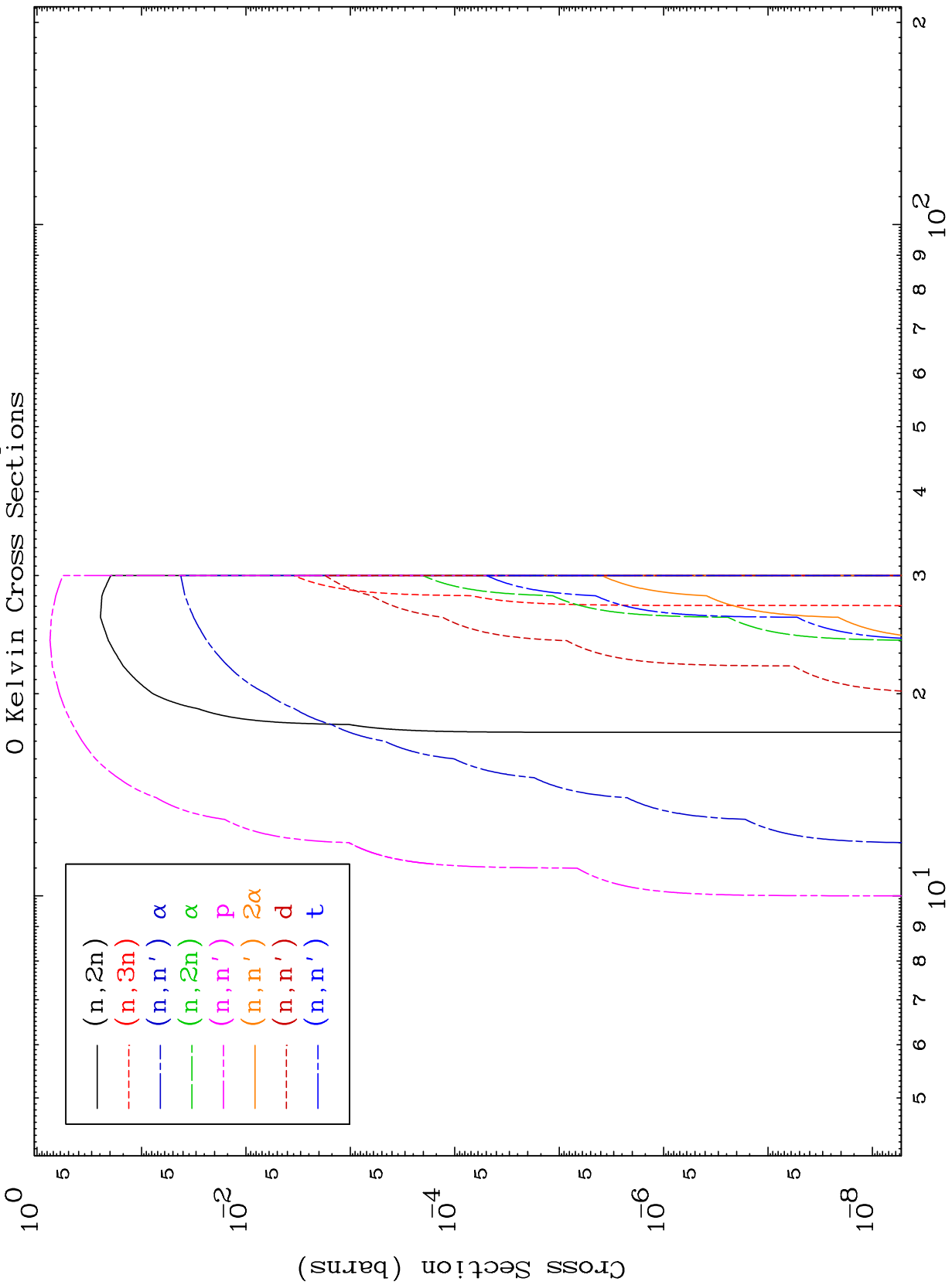
MAT 5810

Proton Major

58-Ce-131

0 Kelvin Cross Sections

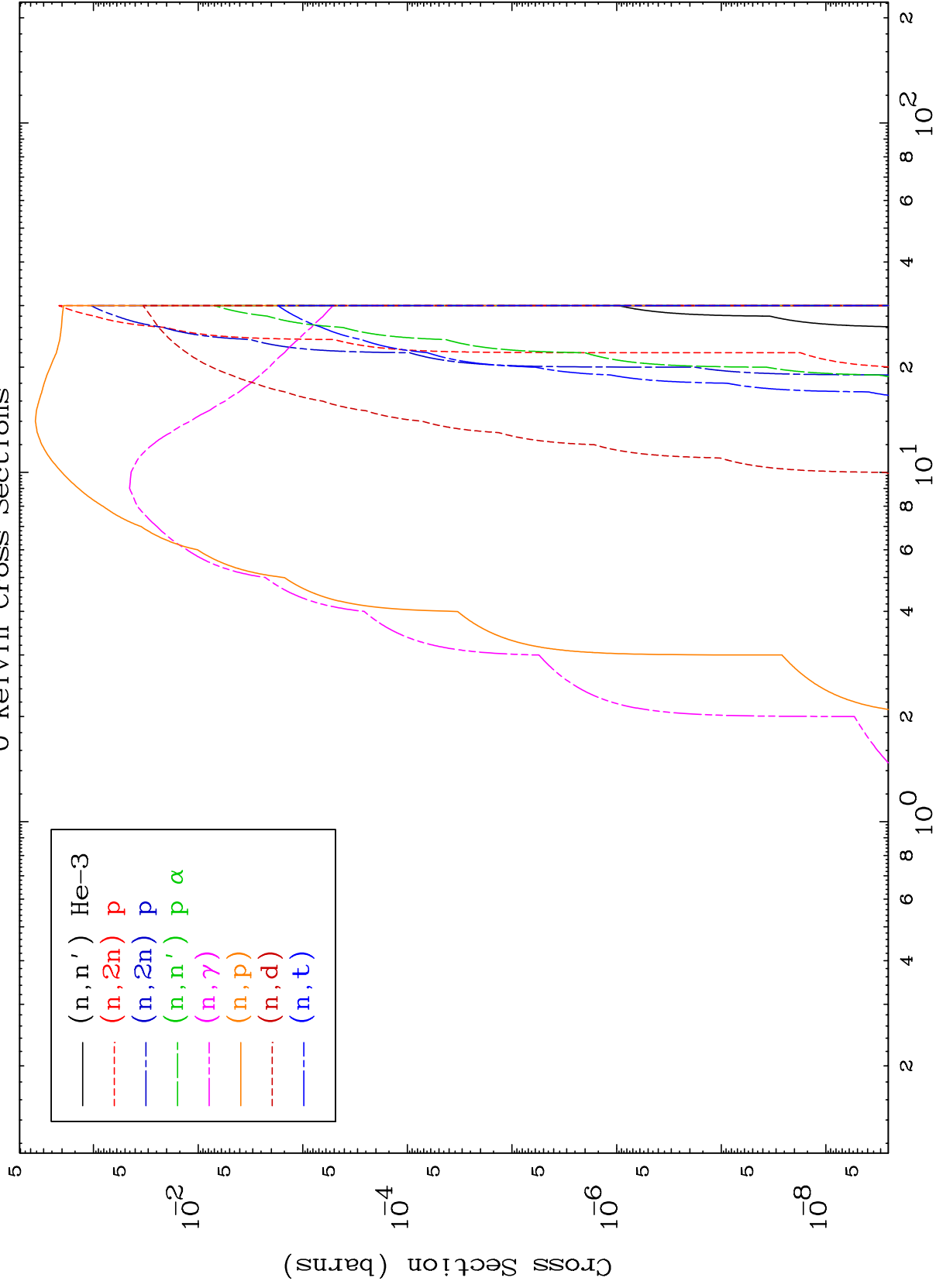




MAT 5810

Proton Neutron Absorption  
0 Kelvin Cross Sections

58-Ce-131



3

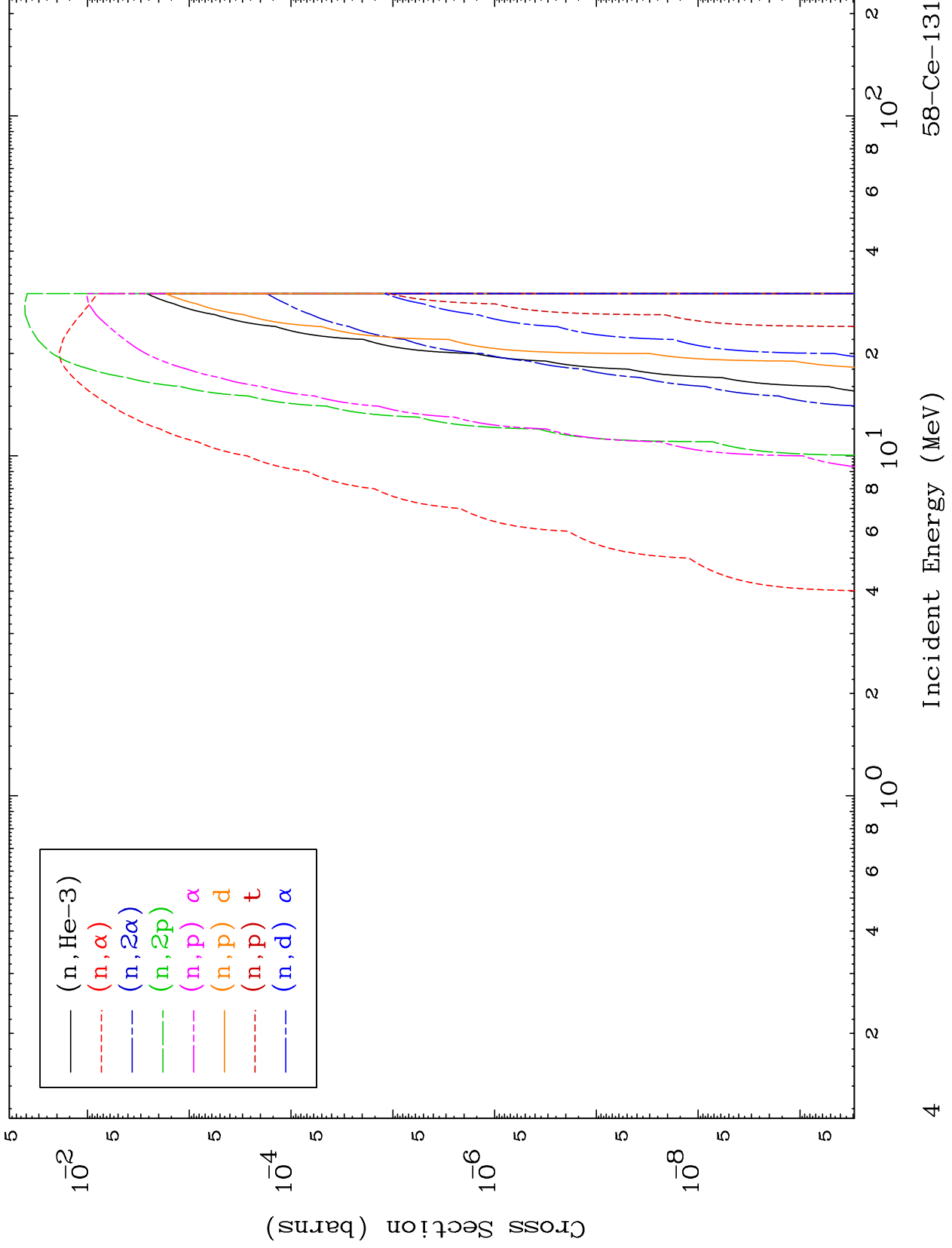
Incident Energy (MeV)

58-Ce-131

MAT 5810

Proton Neutron Absorption  
0 Kelvin Cross Sections

58-Ce-131

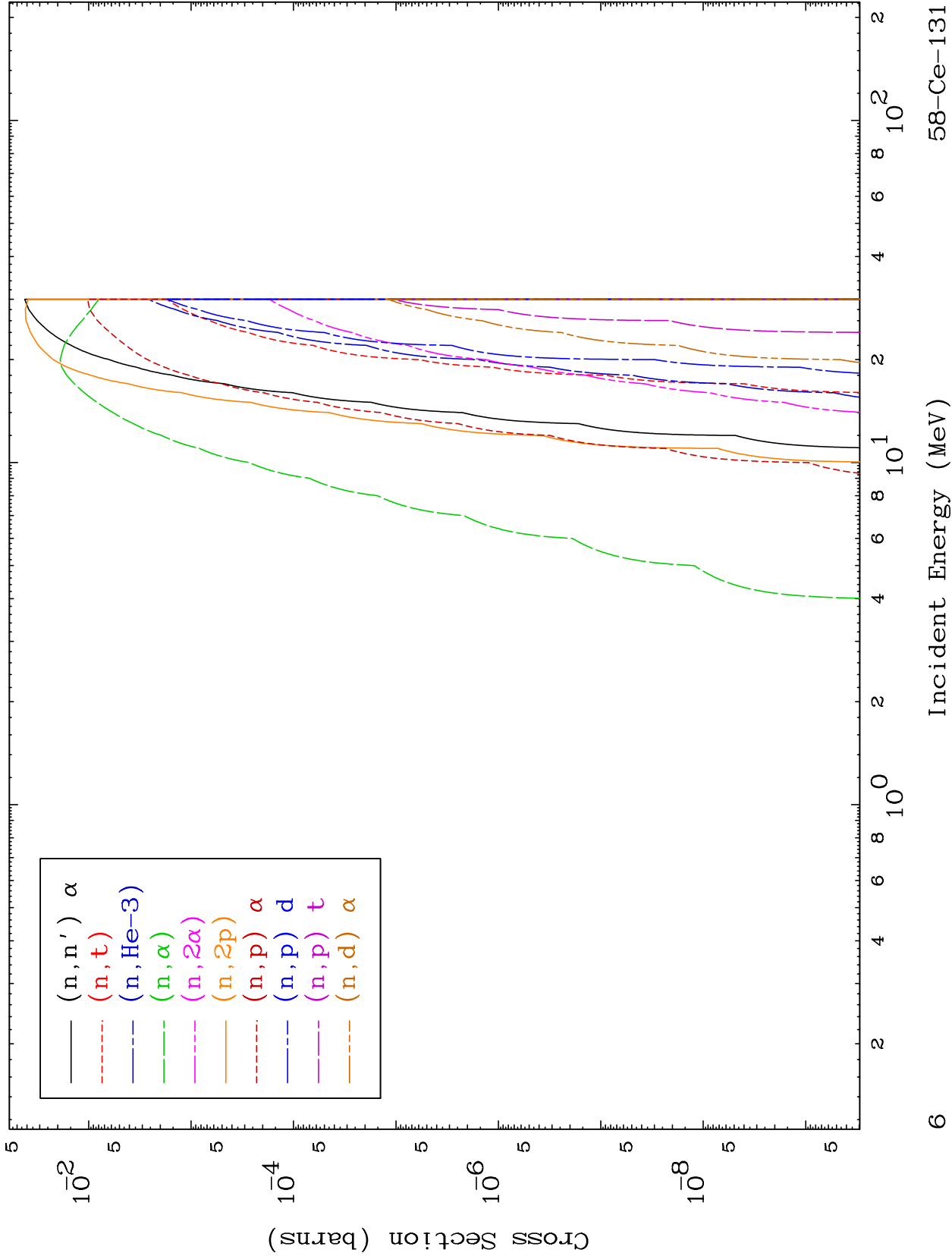




MAT 5810

Proton Charged Particle  
0 Kelvin Cross Sections

58-Ce-131

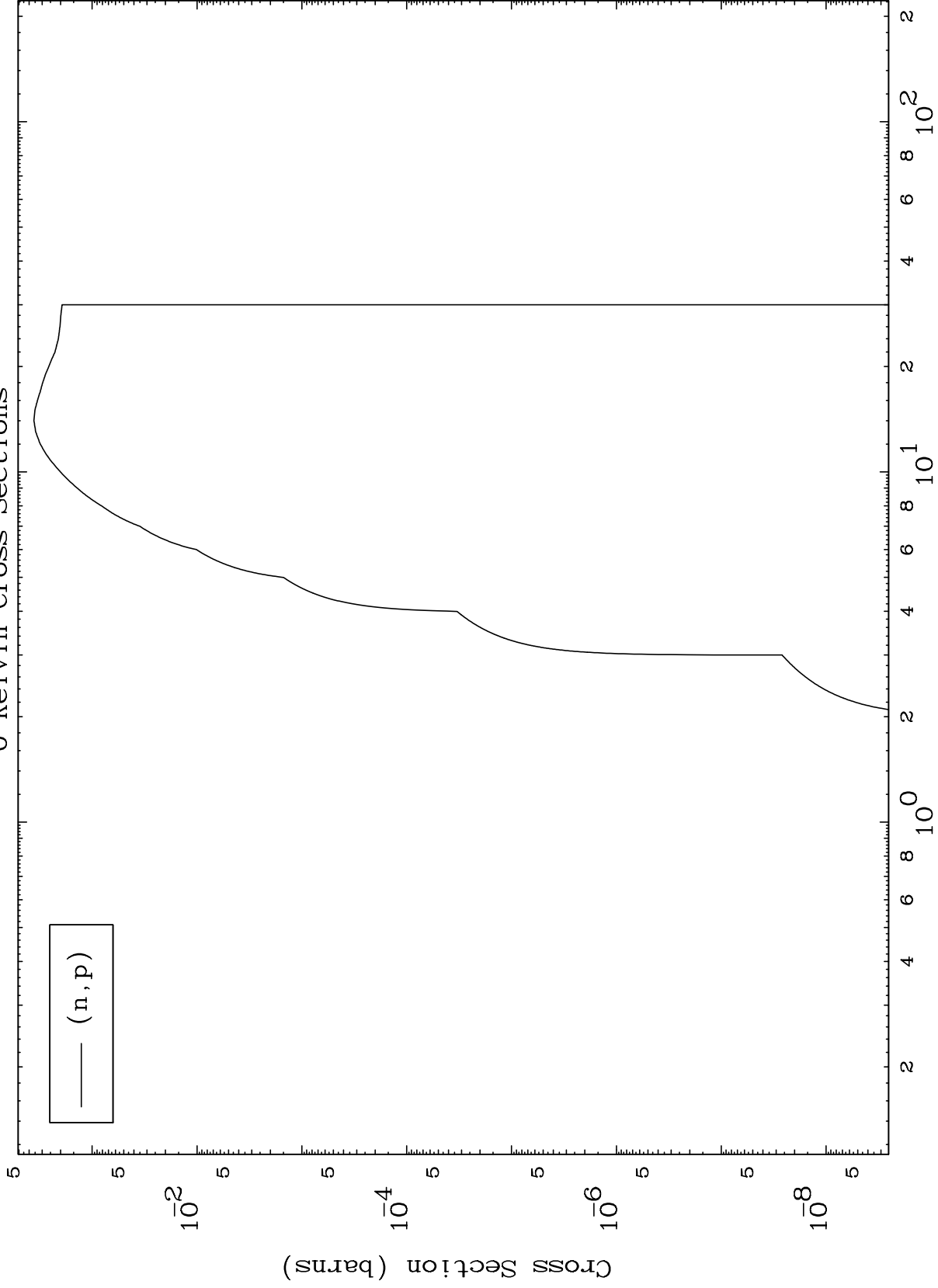


MAT 5810

(p,p) Levels

58-Ce-131

0 Kelvin Cross Sections



7

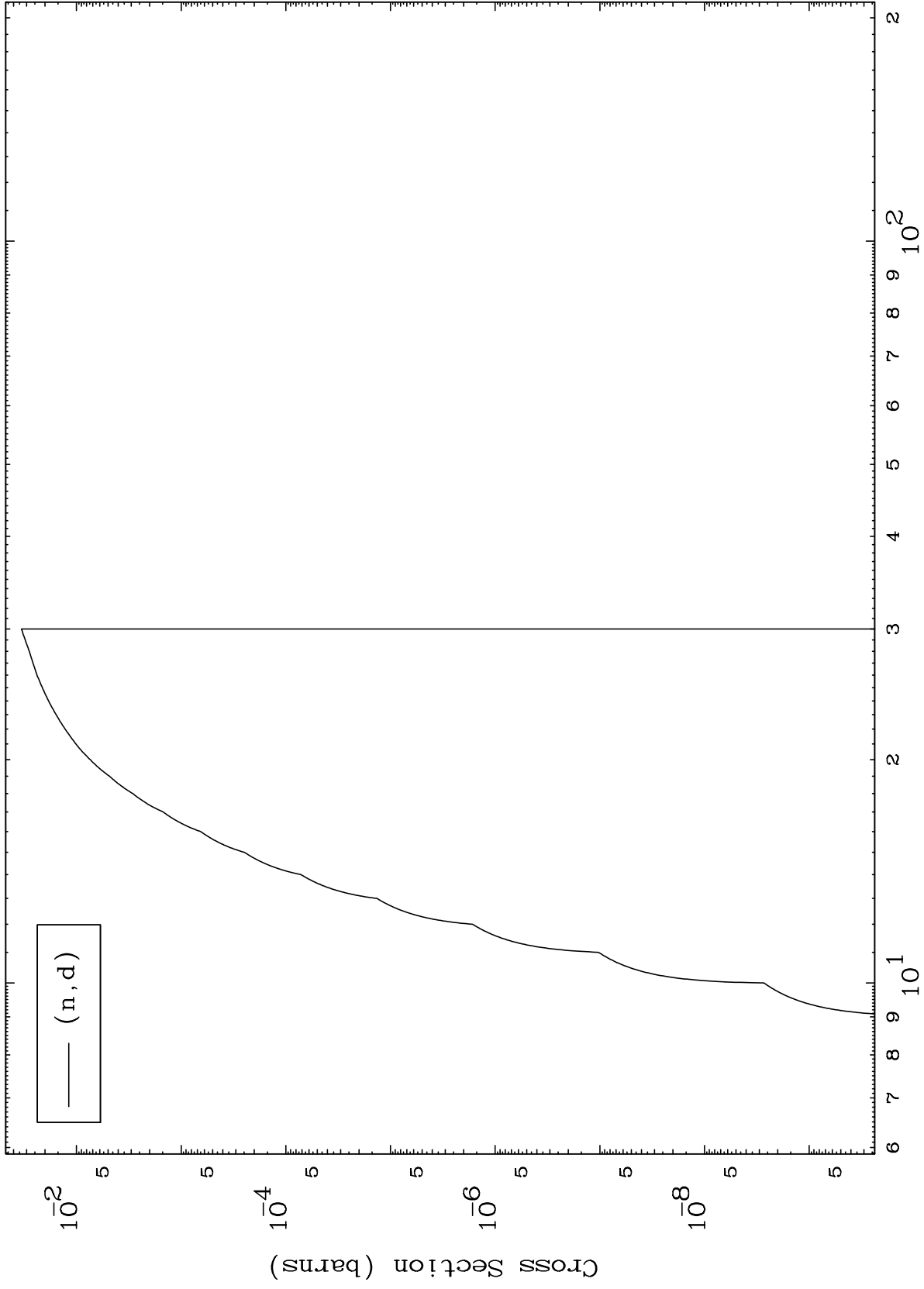
Incident Energy (MeV)

58-Ce-131

MAT 5810

(p,d) Levels  
0 Kelvin Cross Sections

58-Ce-131



8

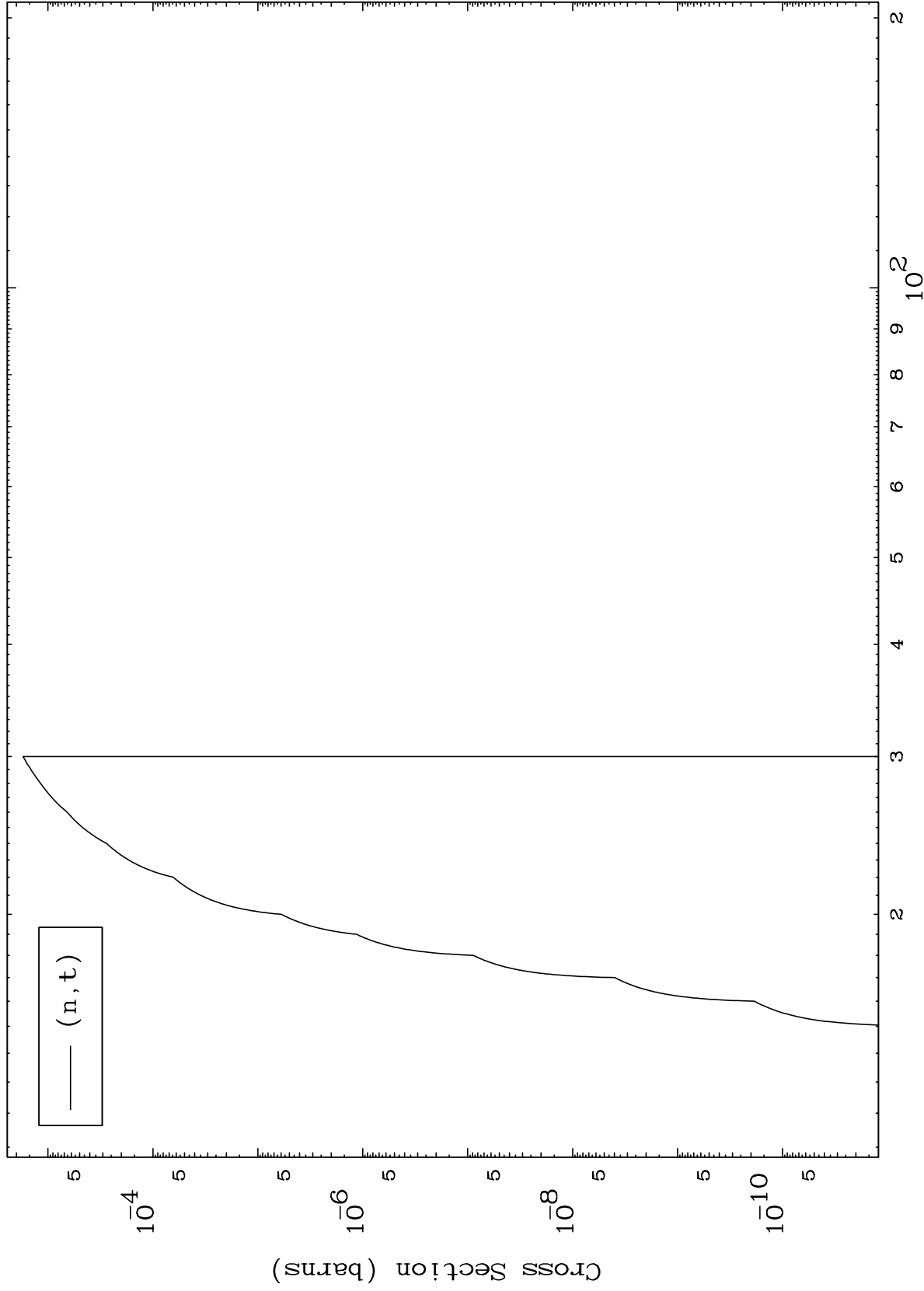
Incident Energy (MeV)

58-Ce-131

MAT 5810

58-Ce-131

(p,t) Levels  
0 Kelvin Cross Sections



58-Ce-131

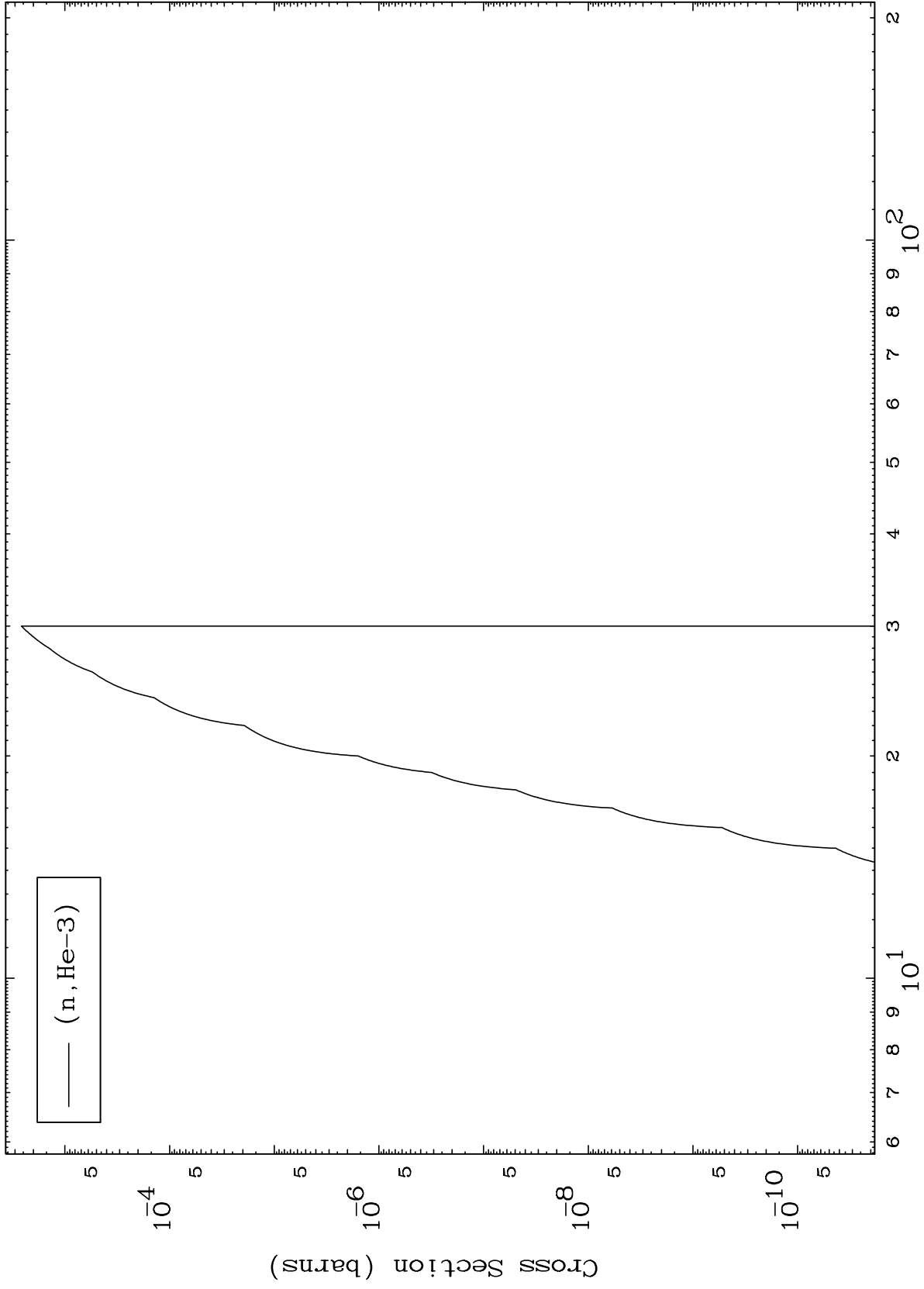
Incident Energy (MeV)

9

MAT 5810

58-Ce-131

(p,He3) Levels  
0 Kelvin Cross Sections



10

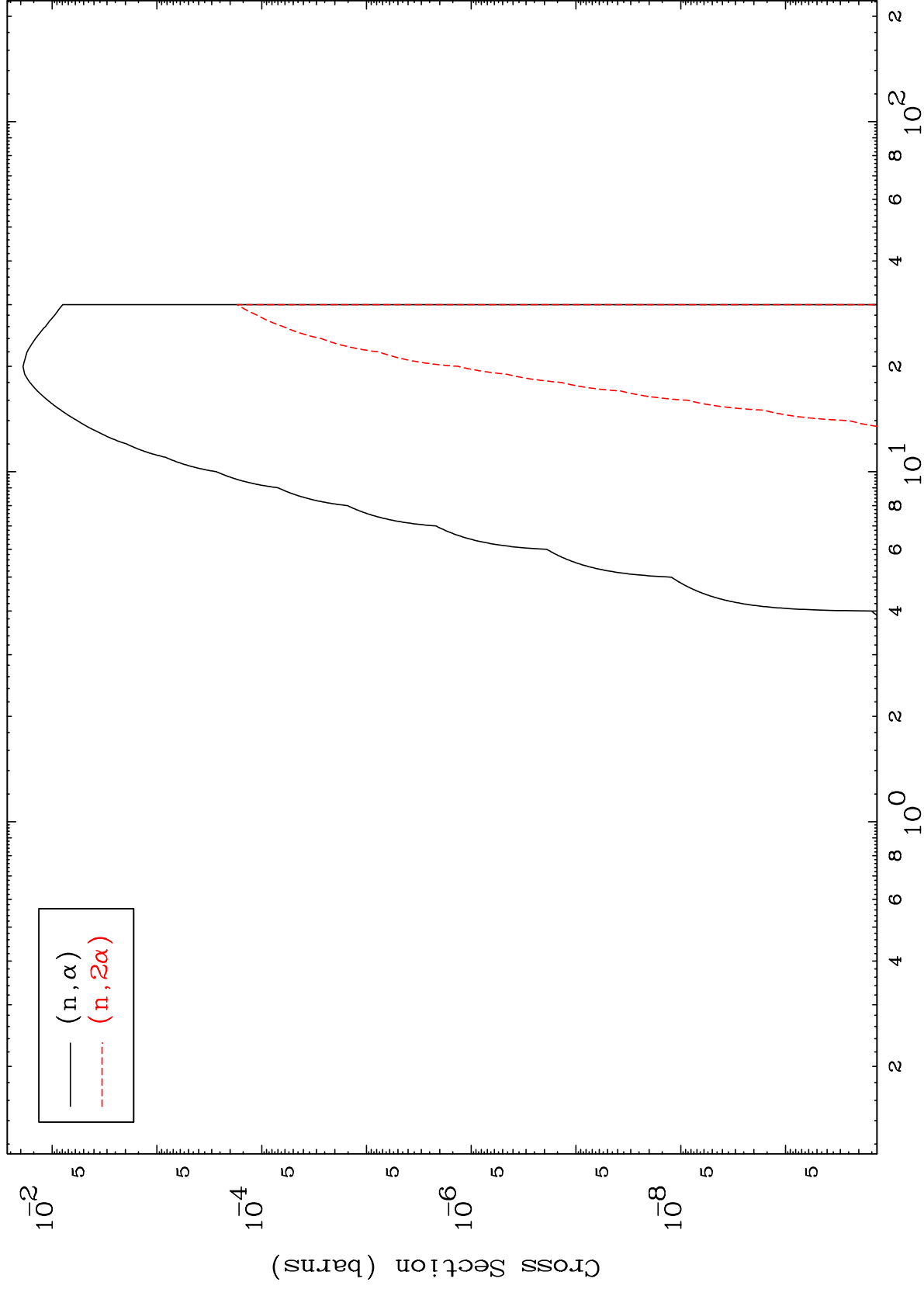
Incident Energy (MeV)

58-Ce-131

MAT 5810

58-Ce-131

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



58-Ce-131

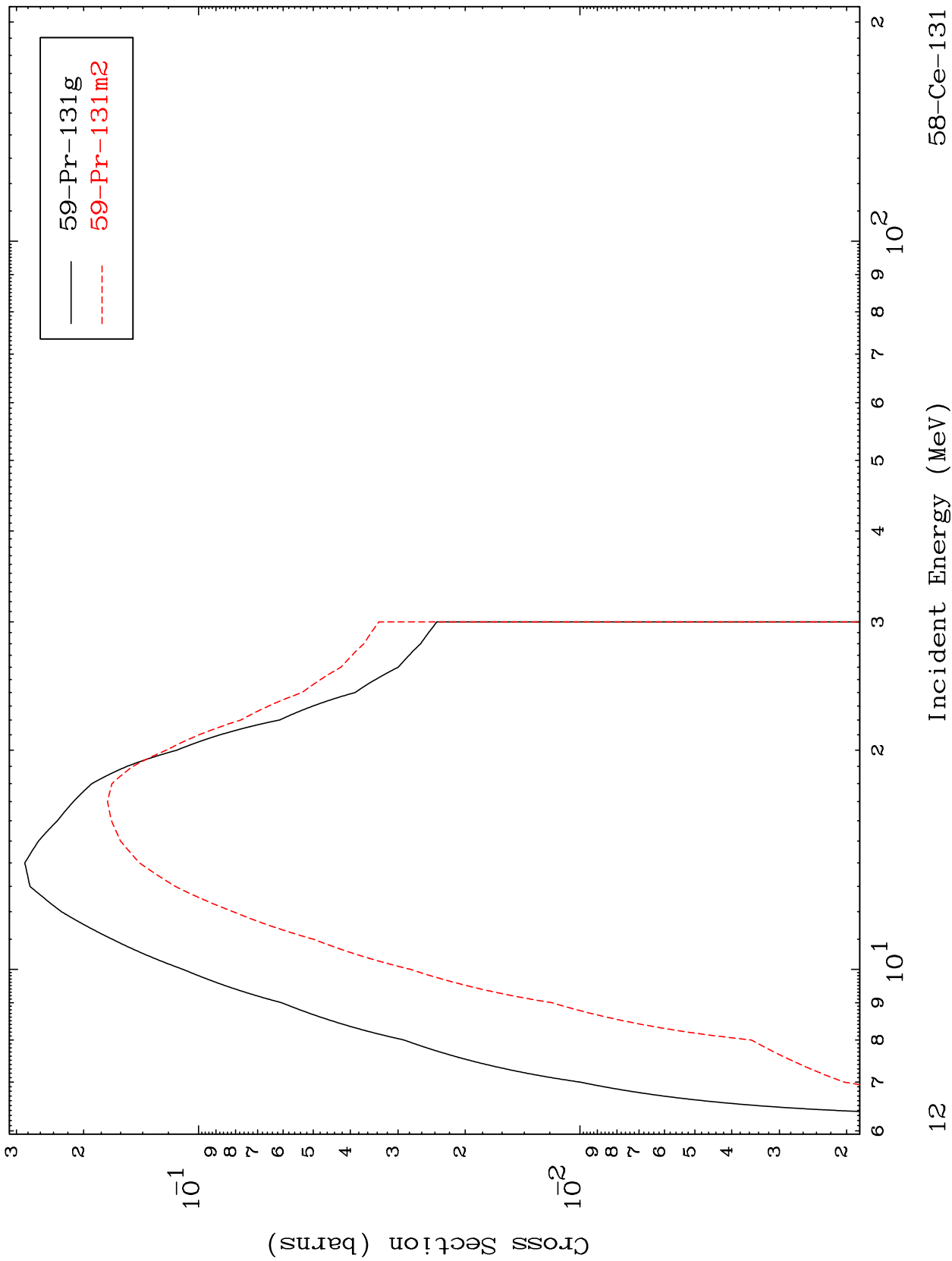
Incident Energy (MeV)

11

MAT 5810

Inelastic  
Radionuclide Production Cross Section

58-Ce-131



12

Incident Energy (MeV)

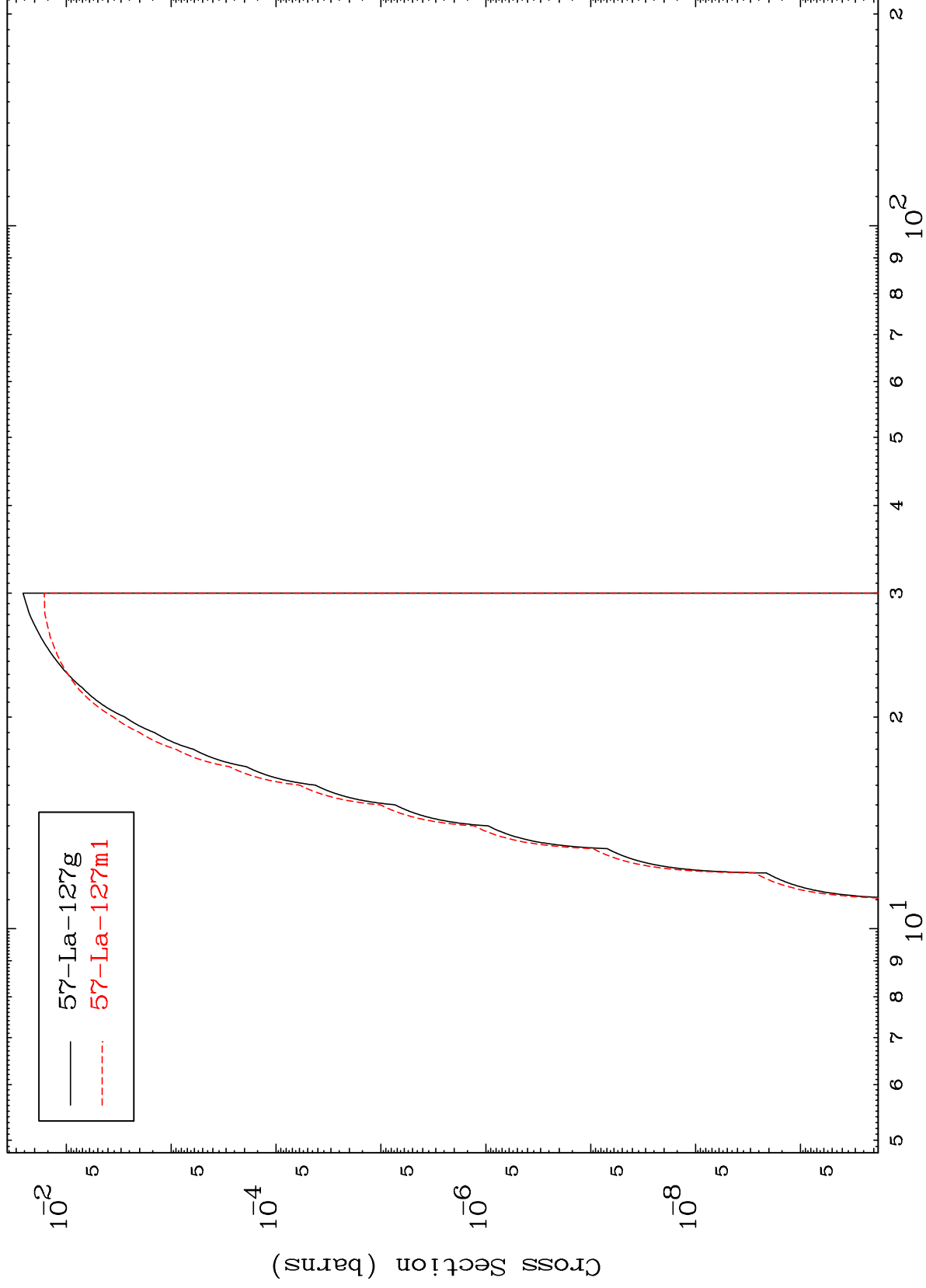
58-Ce-131

MAT 5810

(n,n')  $\alpha$

58-Ce-131

Radionuclide Production Cross Section



57-La-127g  
57-La-127m1

13

Incident Energy (MeV)

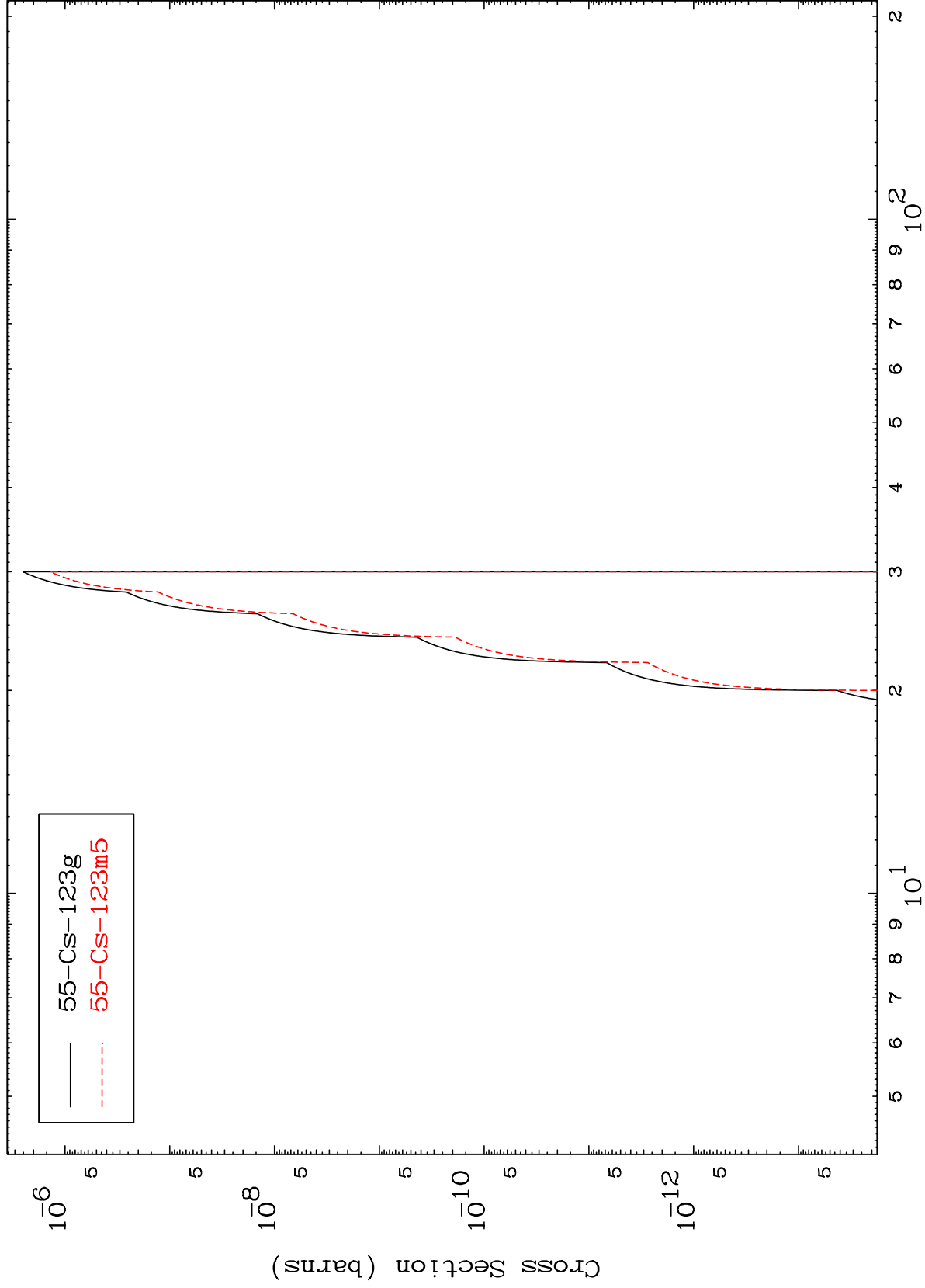
58-Ce-131

MAT 5810

(n,n') 2 $\alpha$

58-Ce-131

Radionuclide Production Cross Section



14

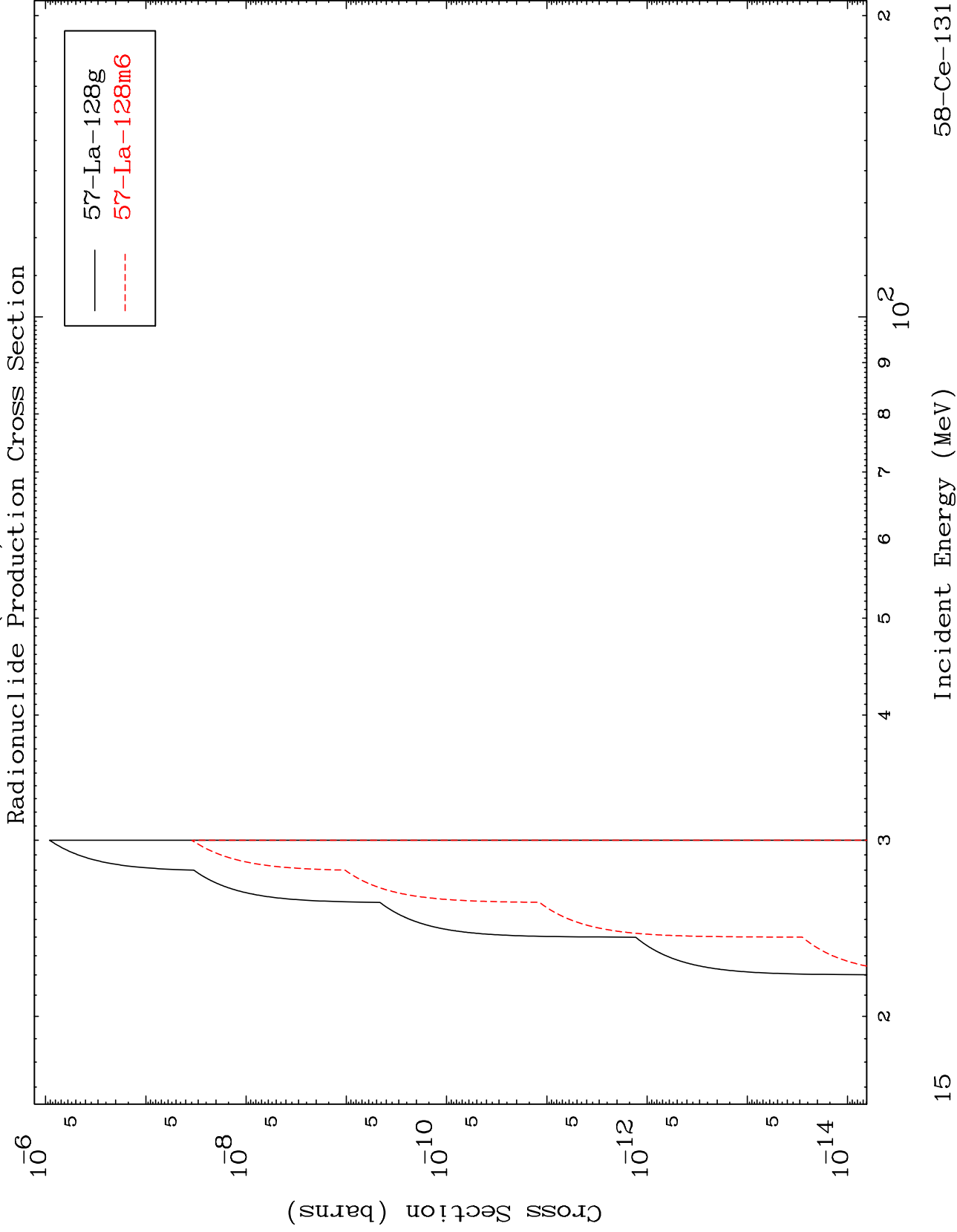
Incident Energy (MeV)

58-Ce-131

MAT 5810

(n,n') He-3

58-Ce-131



15

Incident Energy (MeV)

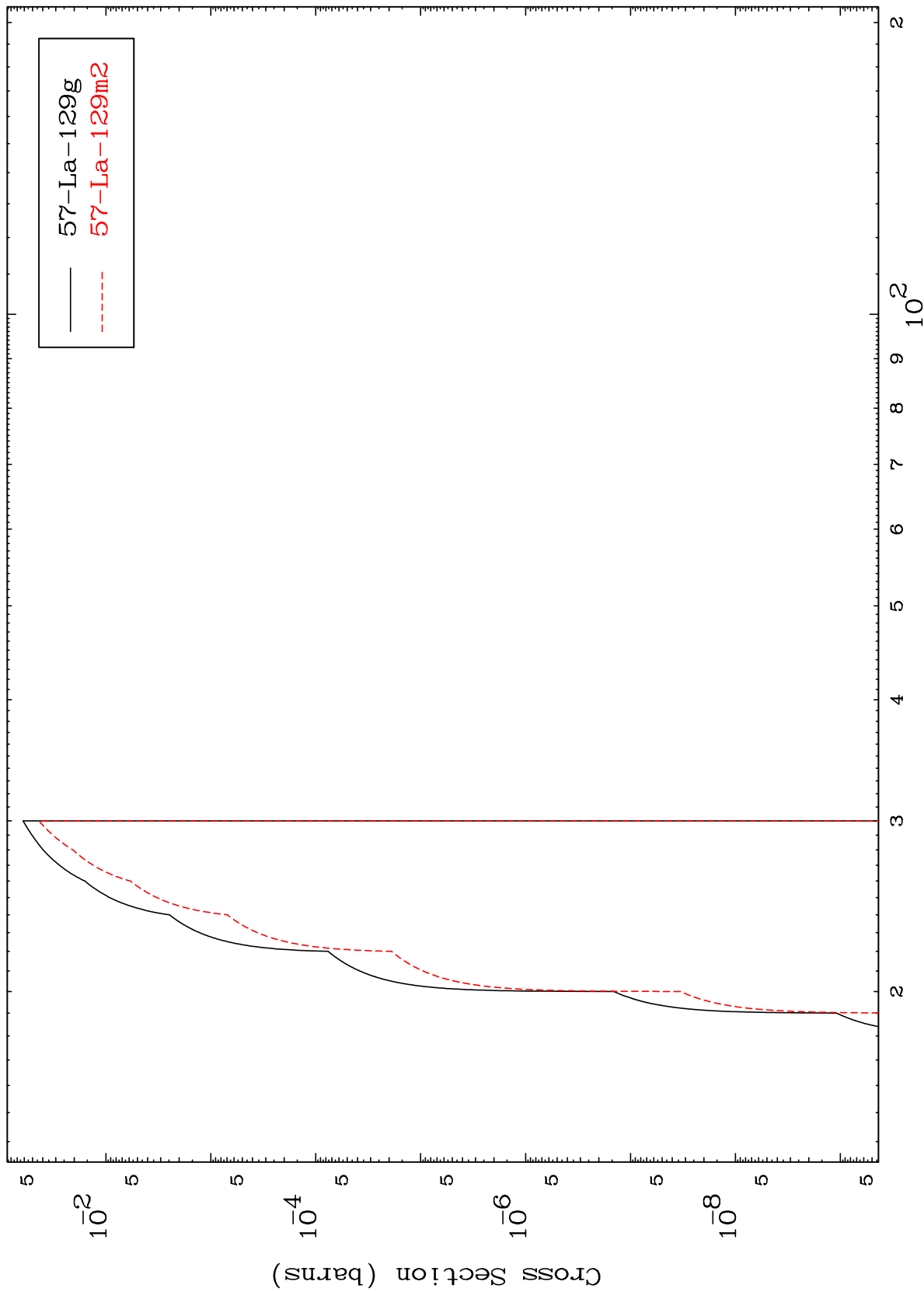
58-Ce-131

MAT 5810

(n,2n) p

58-Ce-131

Radionuclide Production Cross Section



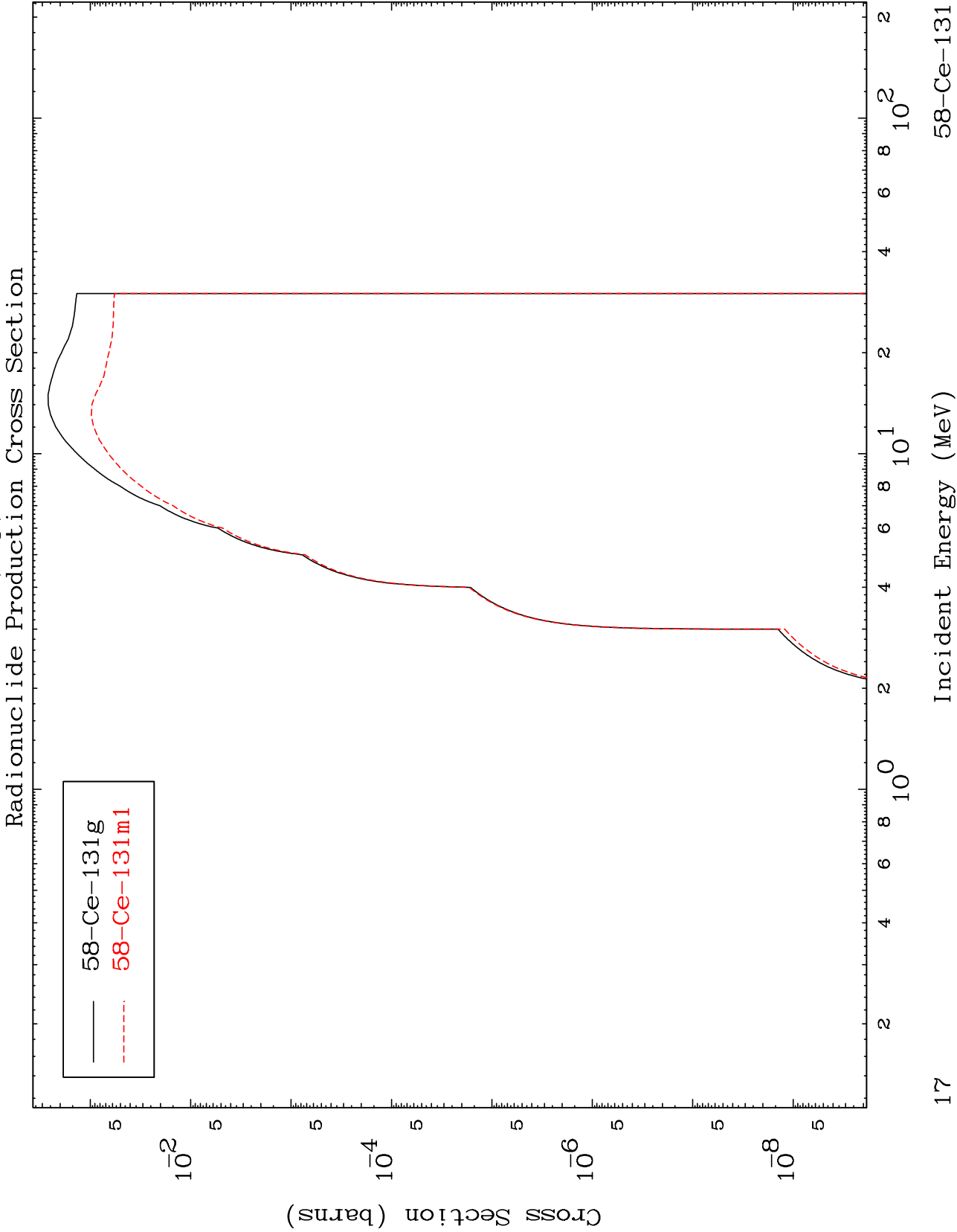
16

Incident Energy (MeV)

58-Ce-131

MAT 5810

58-Ce-131



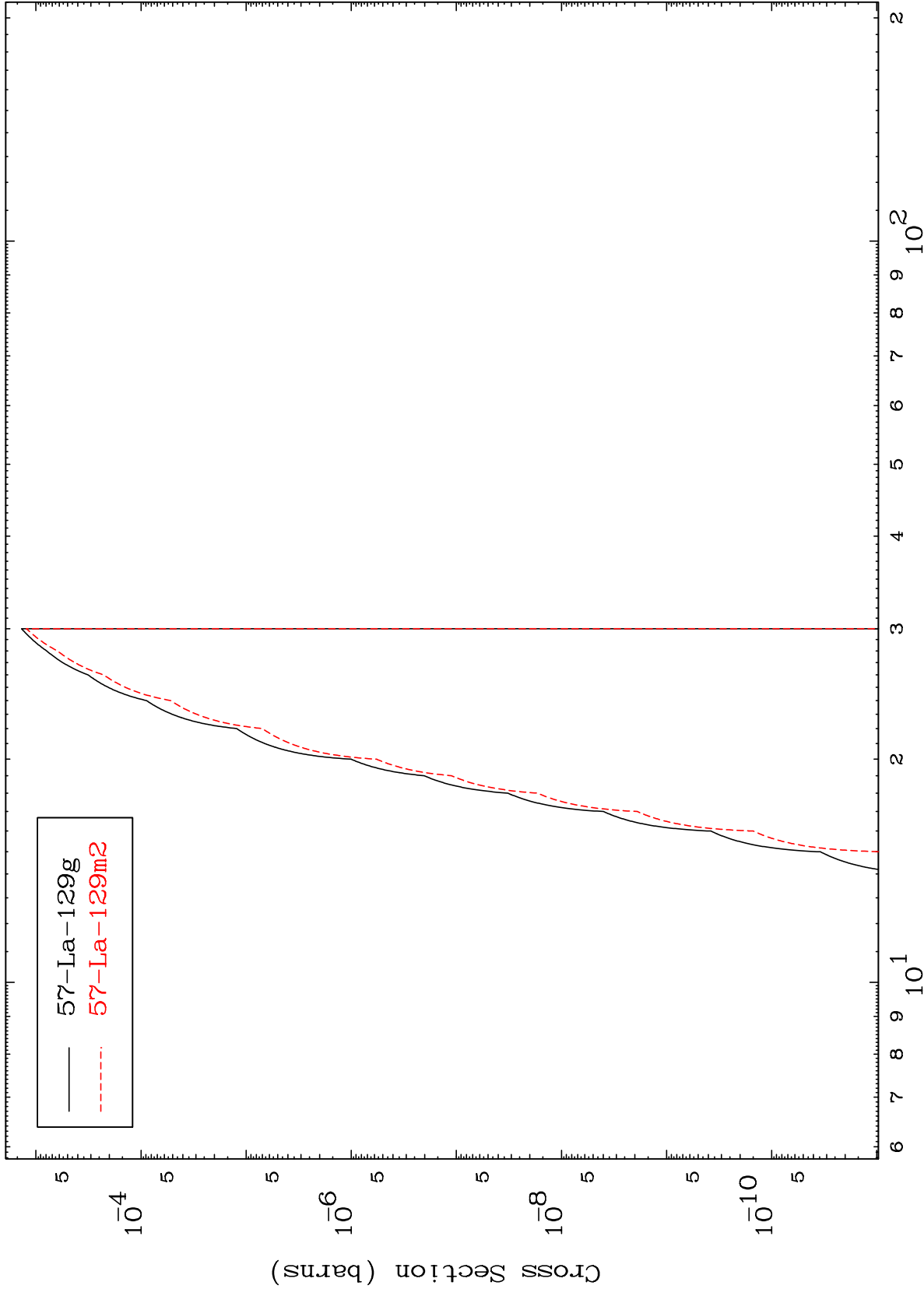
58-Ce-131g  
58-Ce-131m1

MAT 5810

(n,He-3)

58-Ce-131

Radionuclide Production Cross Section



57-La-129g  
57-La-129m2

18

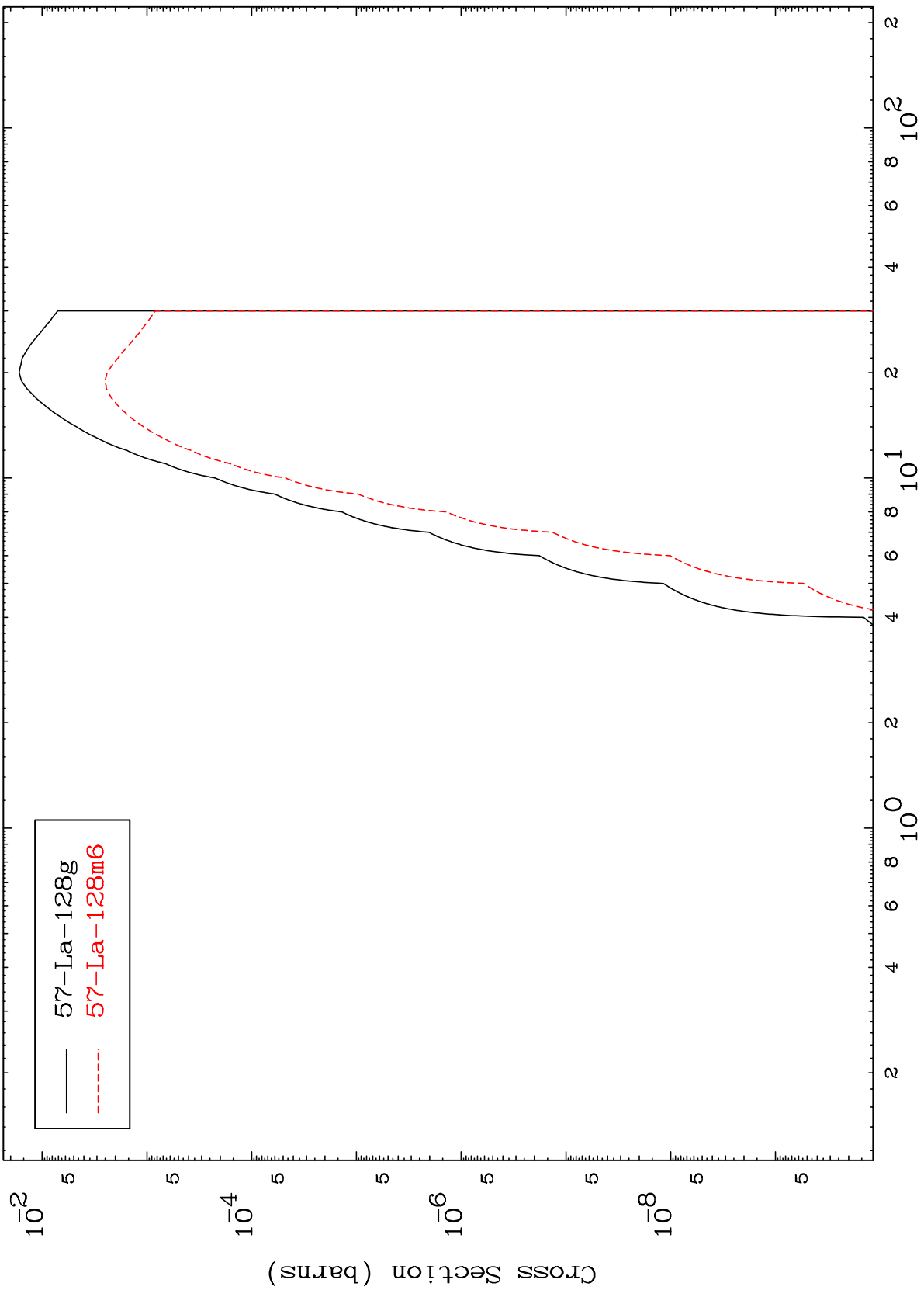
Incident Energy (MeV)

58-Ce-131

MAT 5810

58-Ce-131

Radionuclide Production Cross Section  
(n,  $\alpha$ )



57-La-128g  
57-La-128m6

58-Ce-131

Incident Energy (MeV)

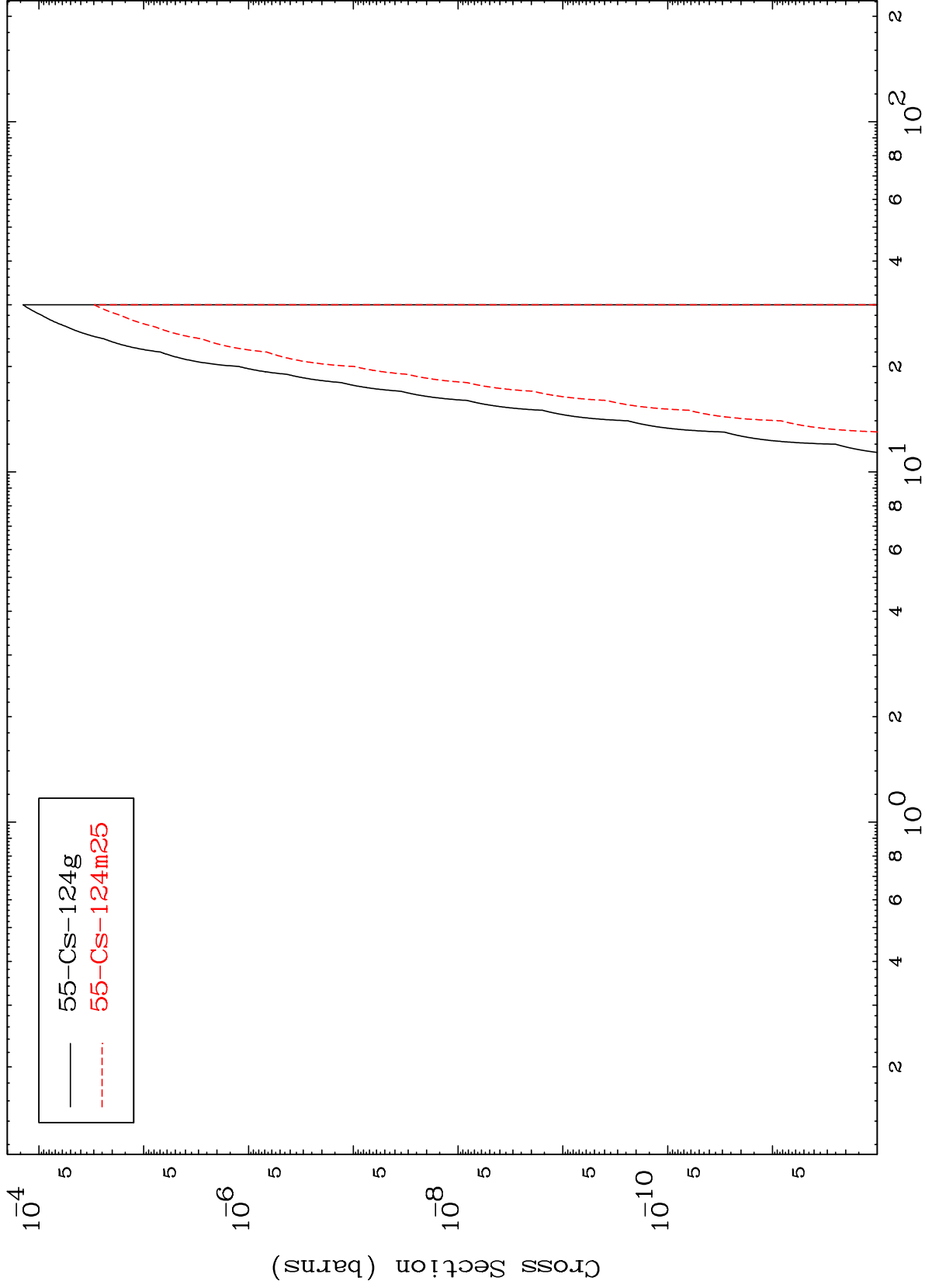
19

MAT 5810

(n,2 $\alpha$ )

58-Ce-131

Radionuclide Production Cross Section



55-Cs-124g  
55-Cs-124m25

20

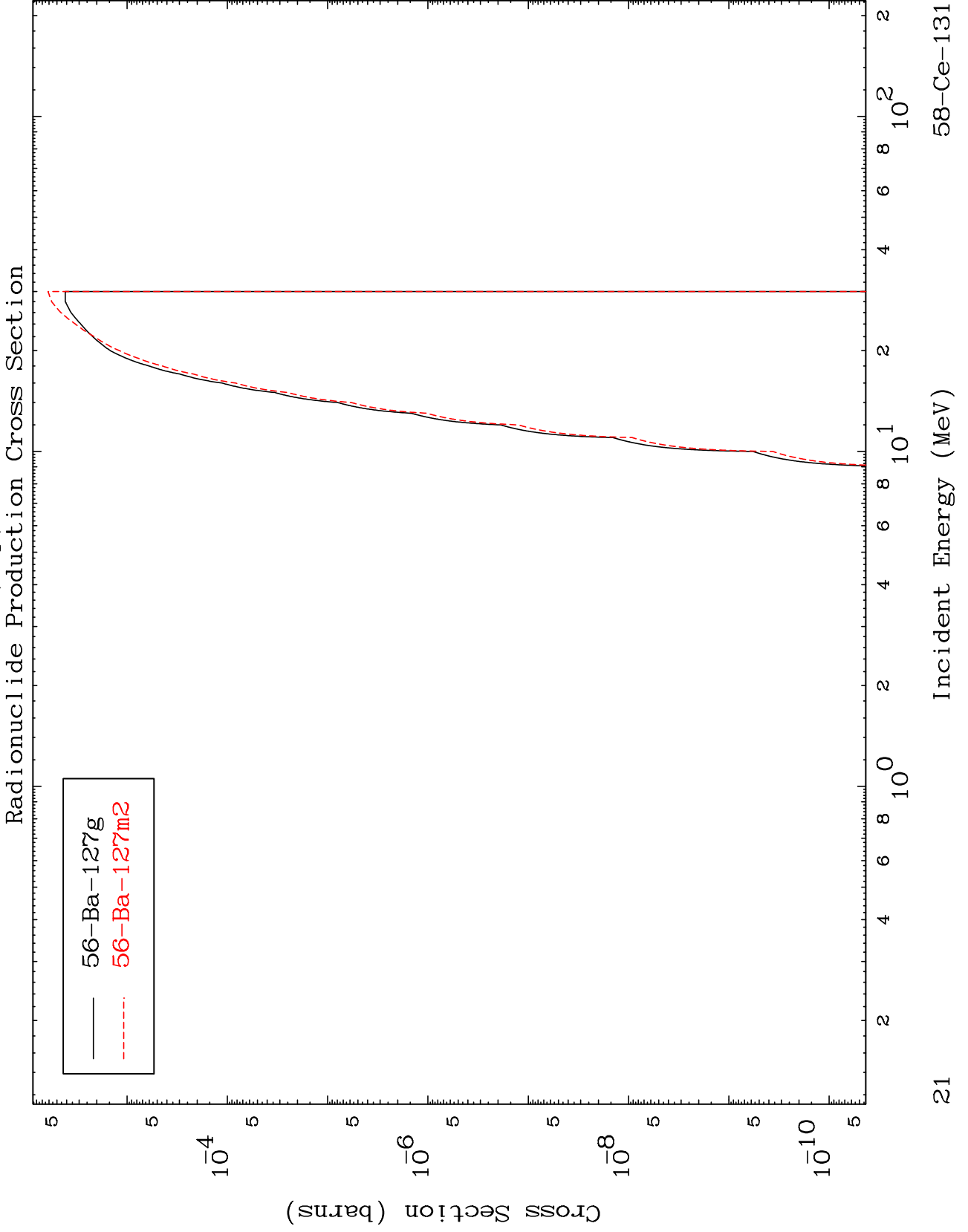
Incident Energy (MeV)

58-Ce-131

MAT 5810

(n,p)  $\alpha$

58-Ce-131

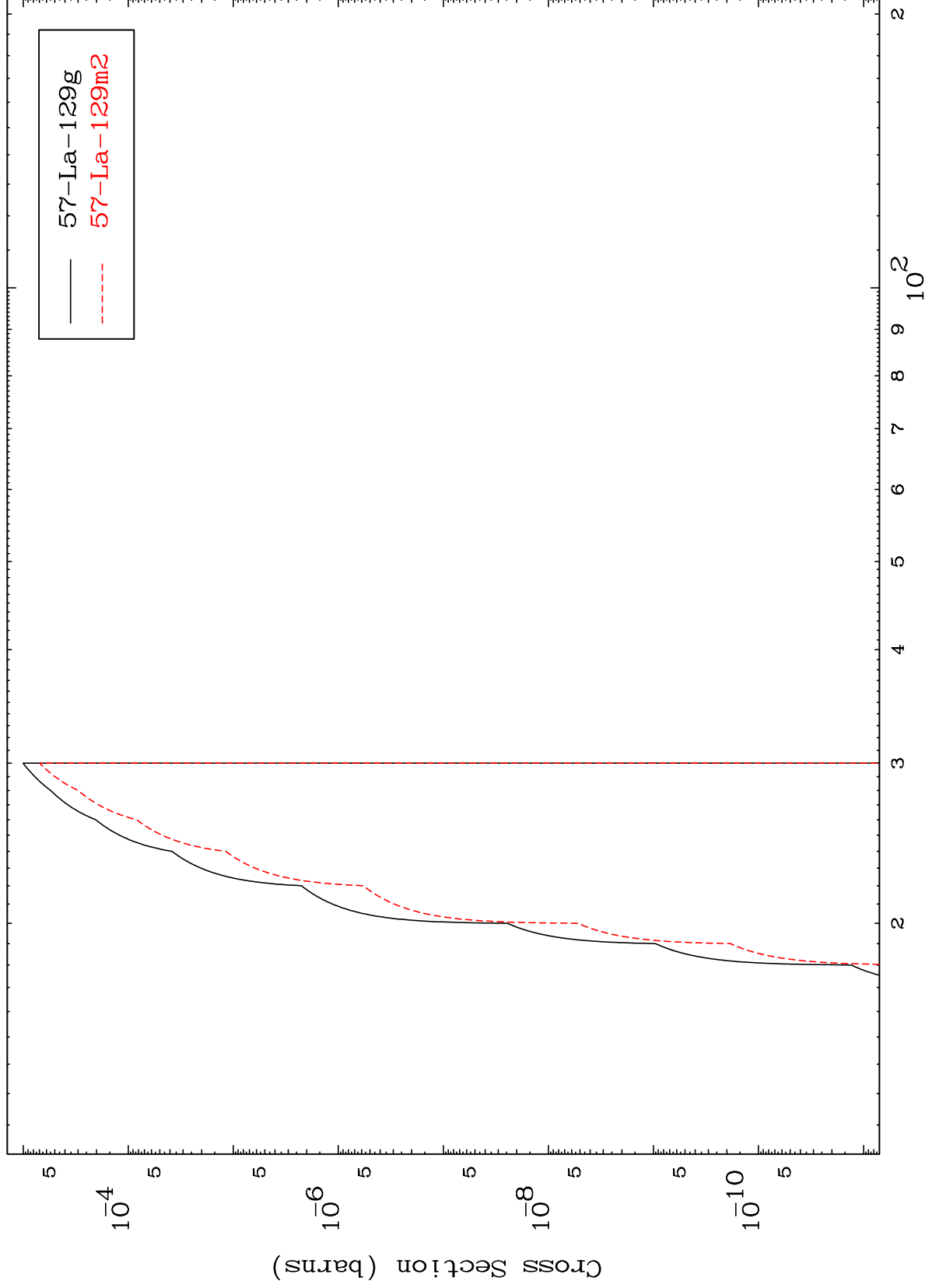


MAT 5810

(n,p) d

58-Ce-131

Radionuclide Production Cross Section



22

Incident Energy (MeV)

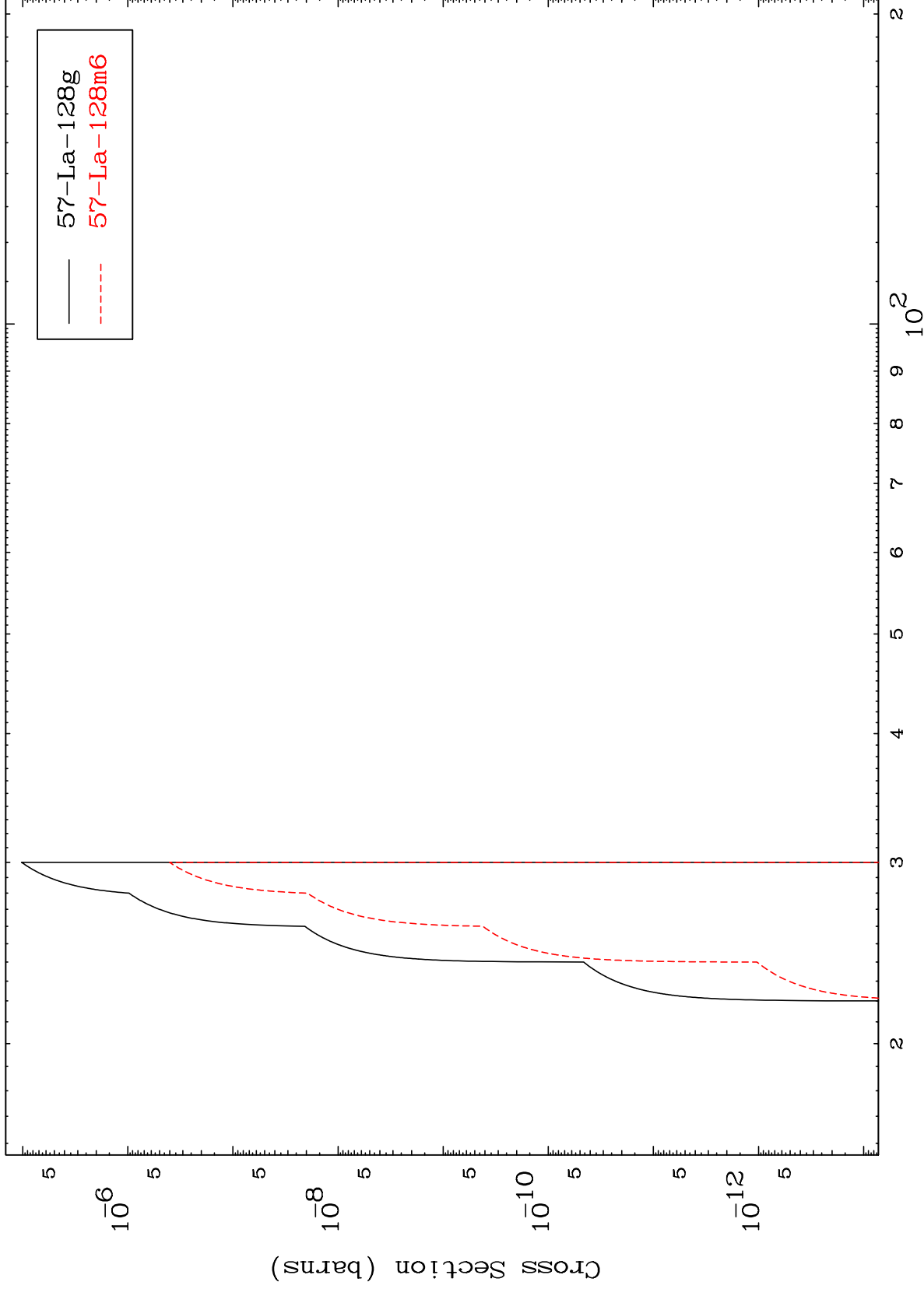
58-Ce-131

MAT 5810

(n,p) t

58-Ce-131

Radionuclide Production Cross Section



23

Incident Energy (MeV)

58-Ce-131