

Program EVALPLOT  
(Version 2018-1)

by

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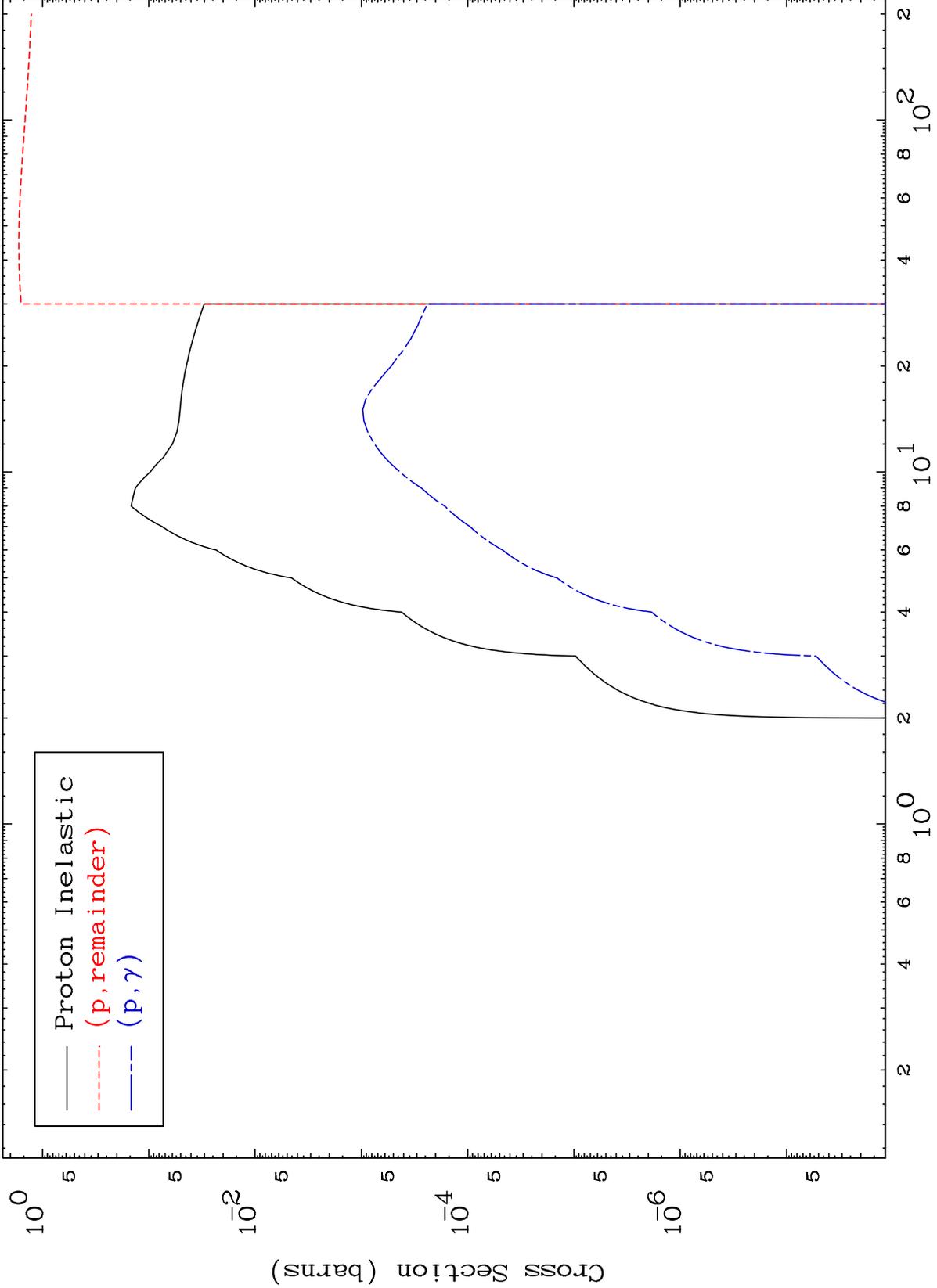
Press Mouse Button to Start

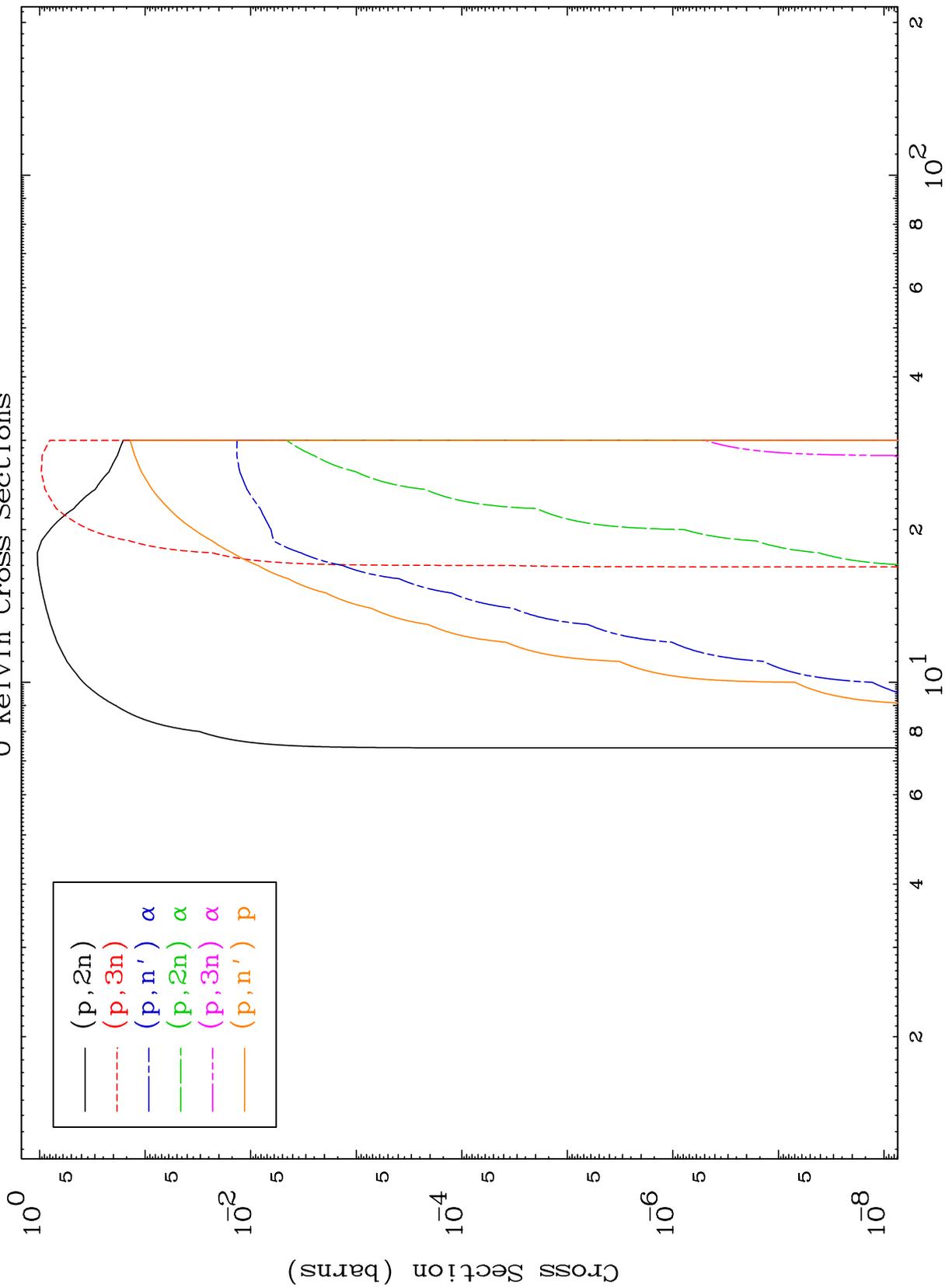
MAT 5843

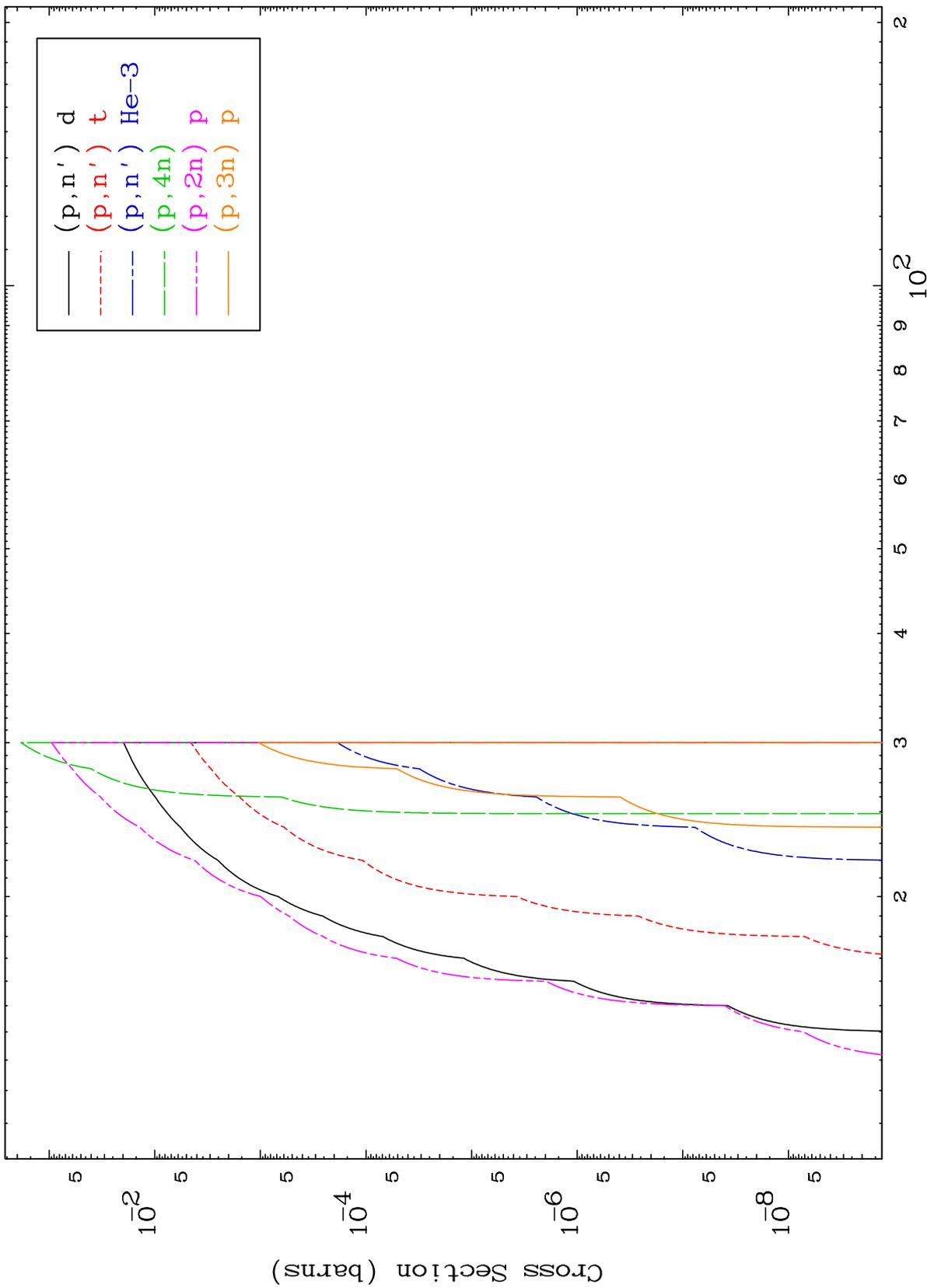
Proton Major

58-Ce-142

0 Kelvin Cross Sections



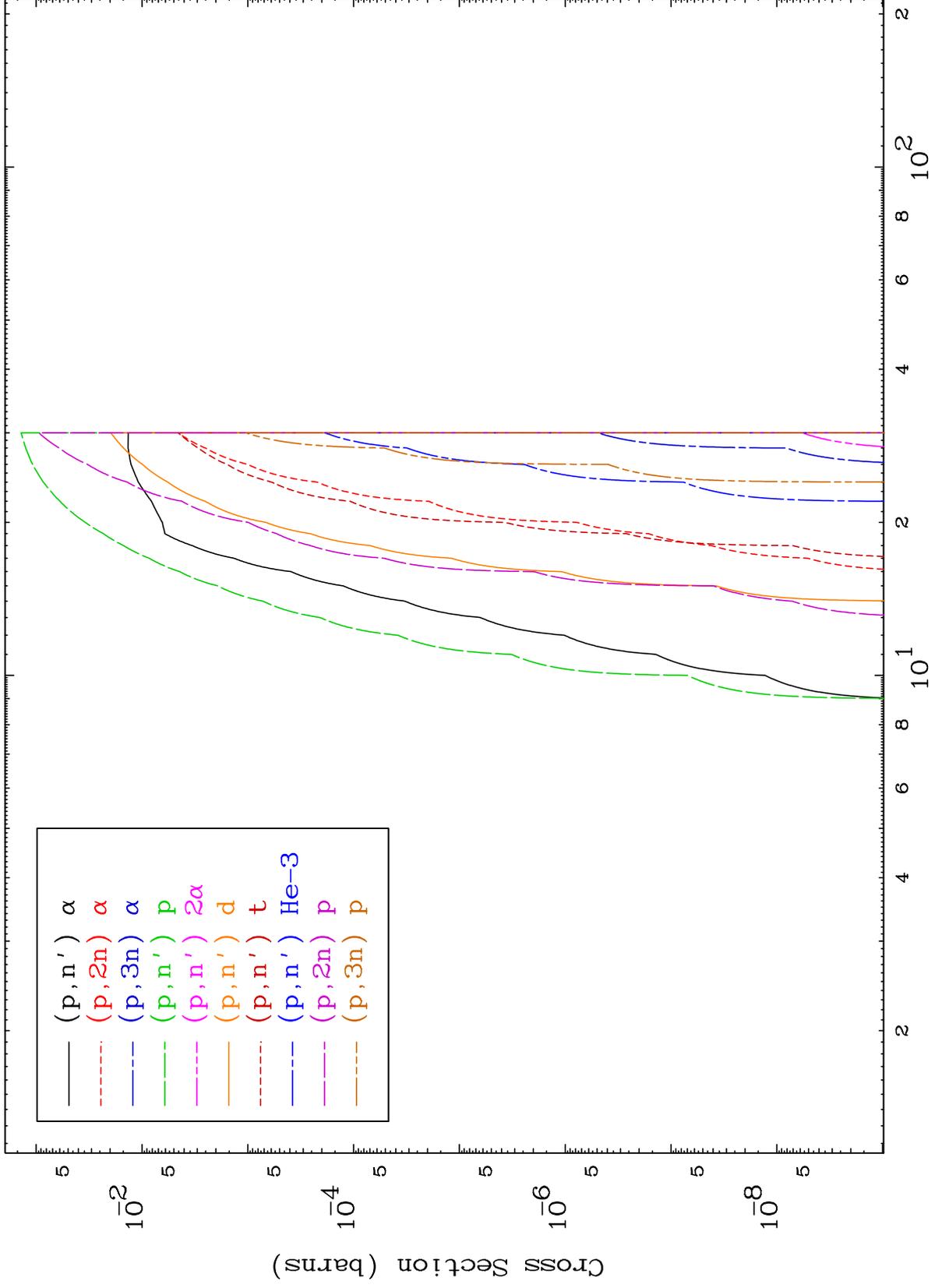


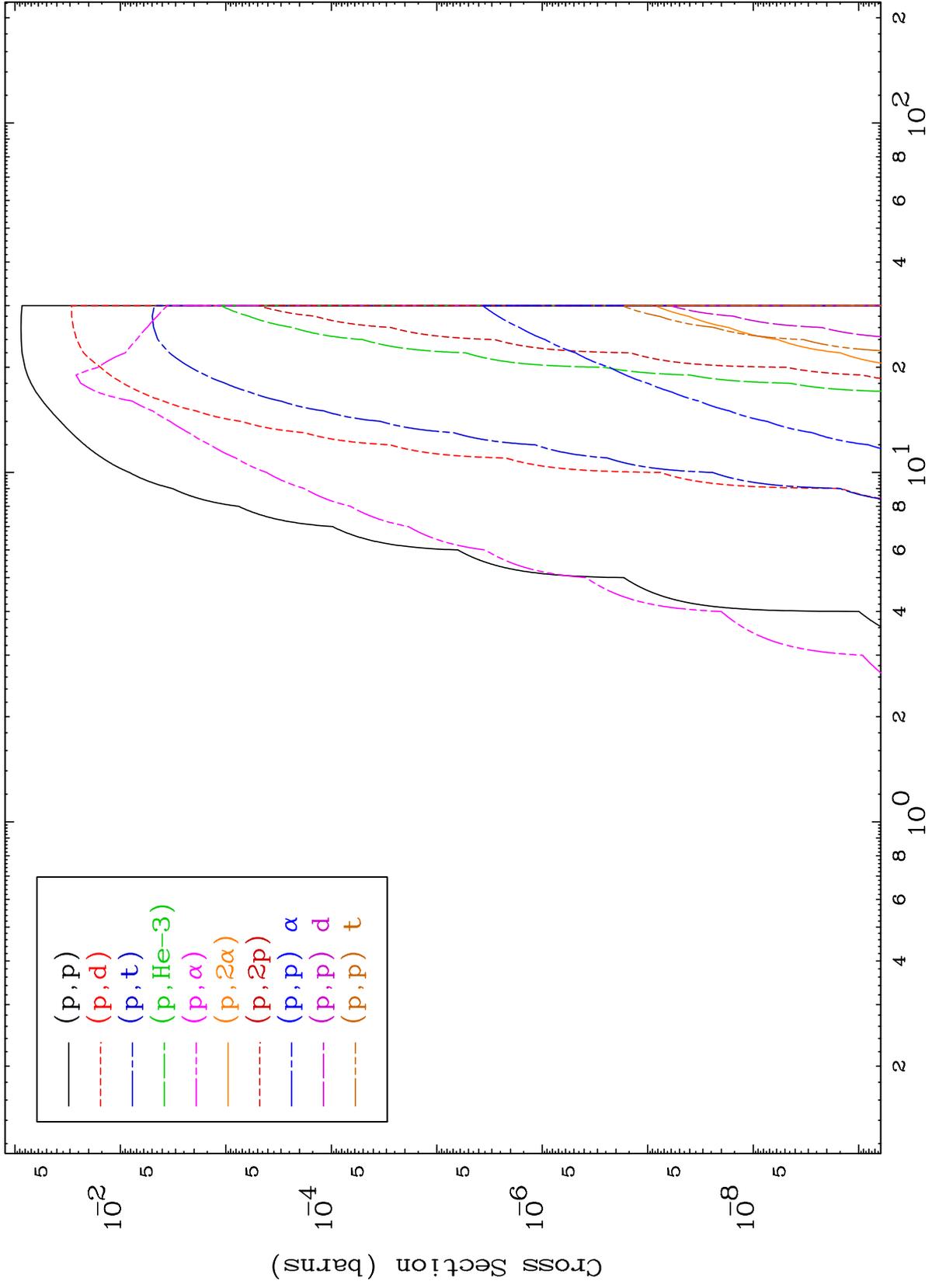


MAT 5843

Proton Charged Particle  
0 Kelvin Cross Sections

58-Ce-142



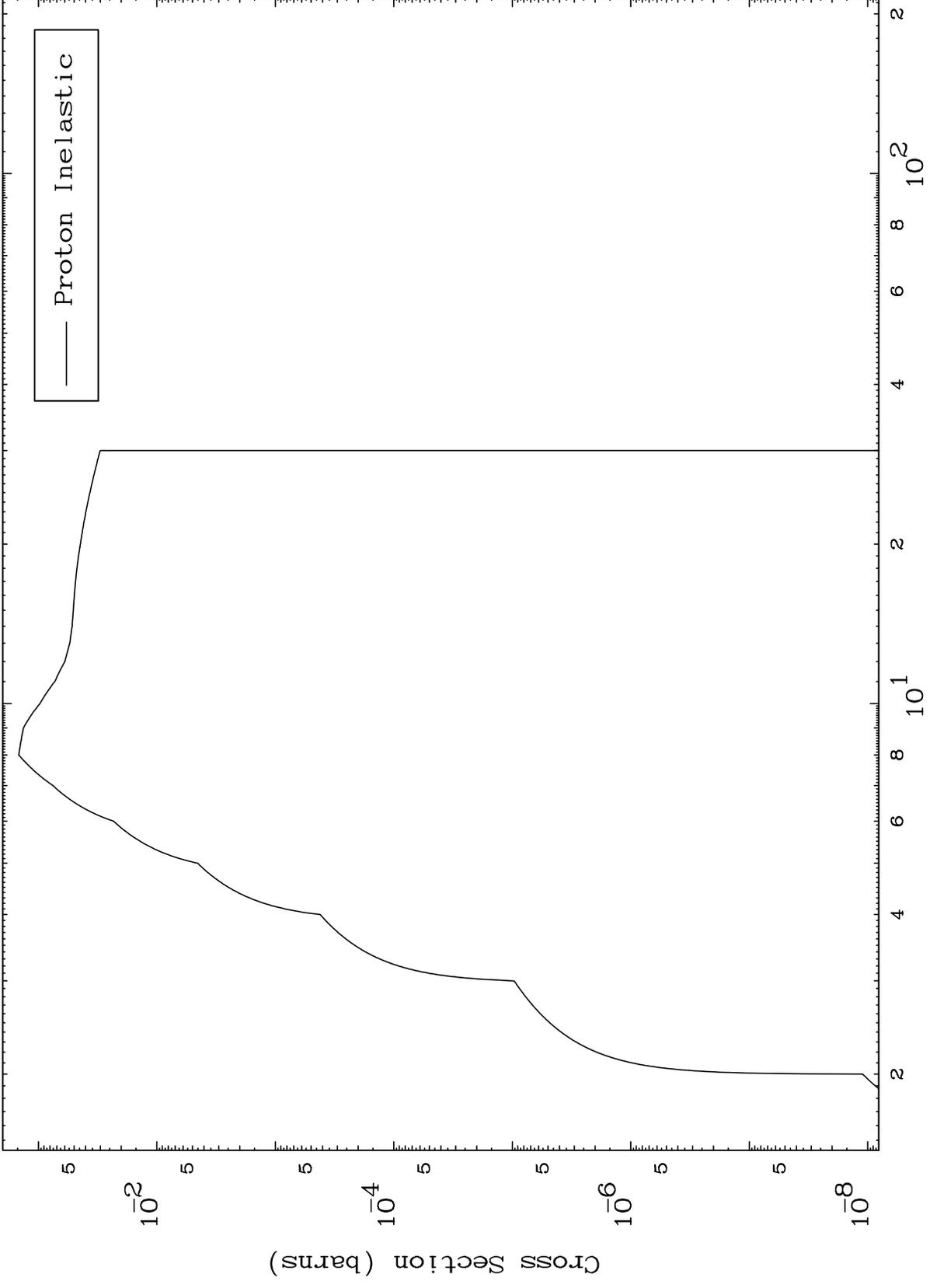


MAT 5843

(p,n') Level

58-Ce-142

0 Kelvin Cross Sections



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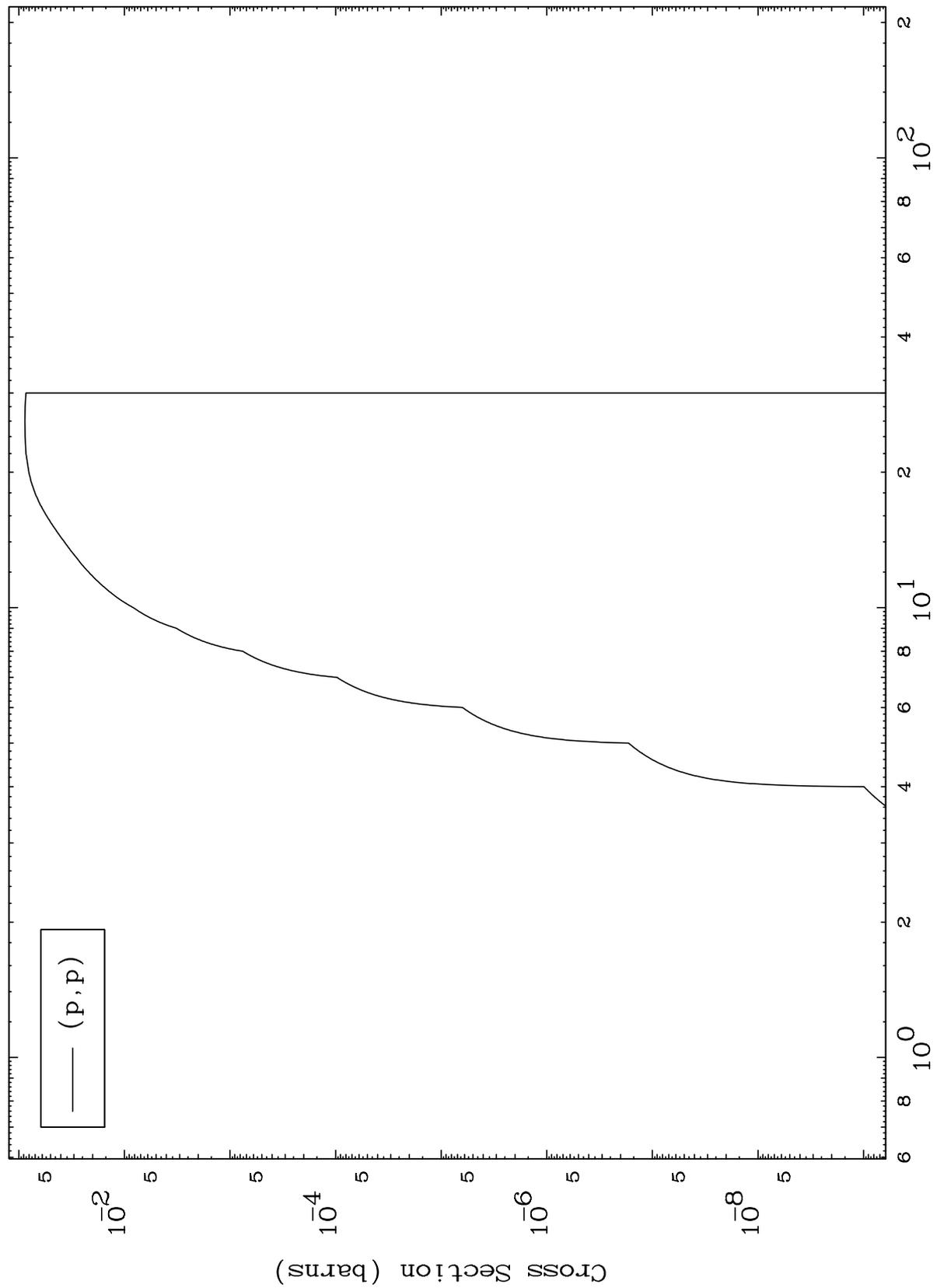
Incident Energy (MeV)

58-Ce-142

MAT 5843

58-Ce-142

(p,p) Levels  
0 Kelvin Cross Sections



7

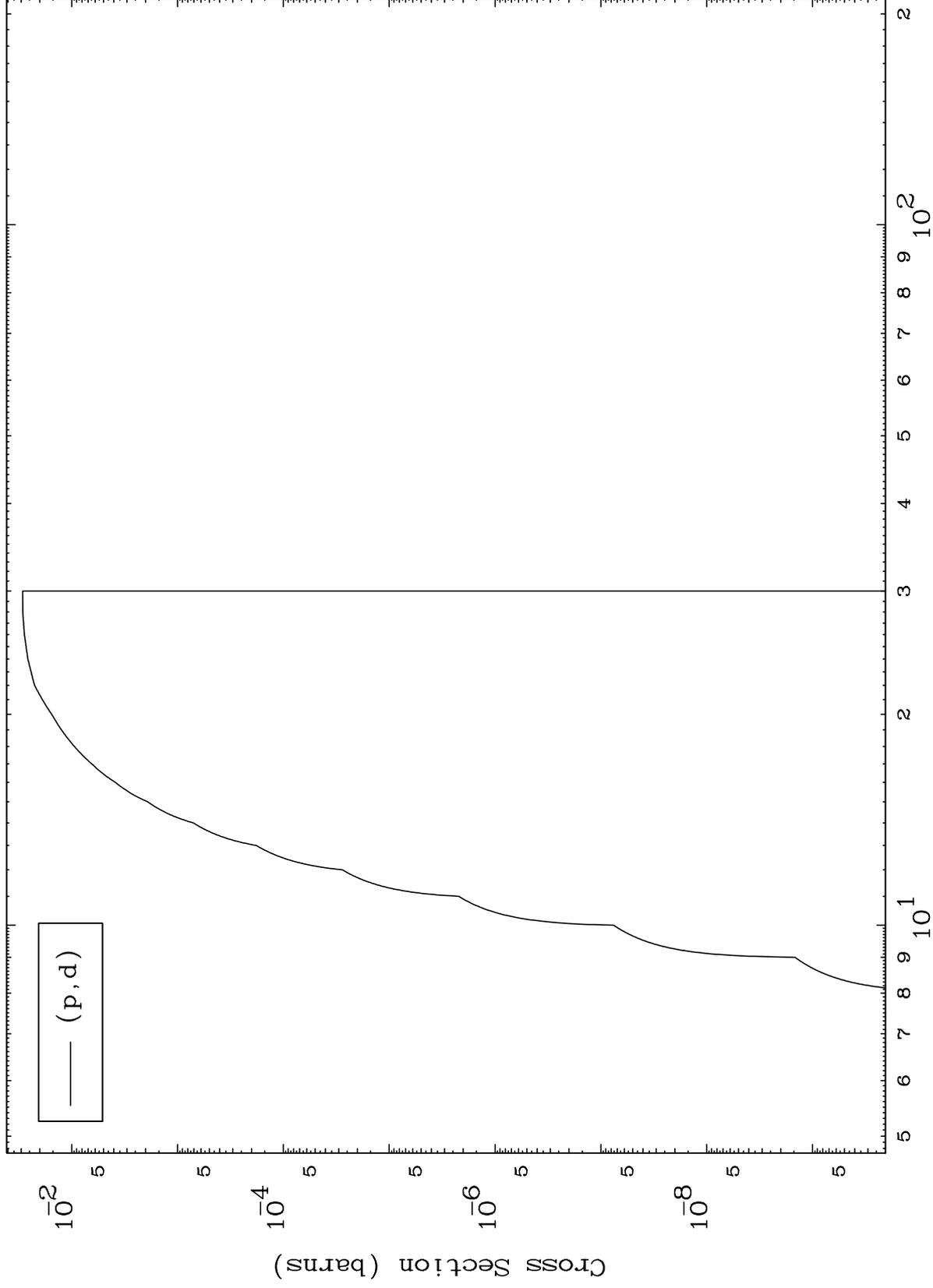
Incident Energy (MeV)

58-Ce-142

MAT 5843

(p,d) Levels  
0 Kelvin Cross Sections

58-Ce-142



8

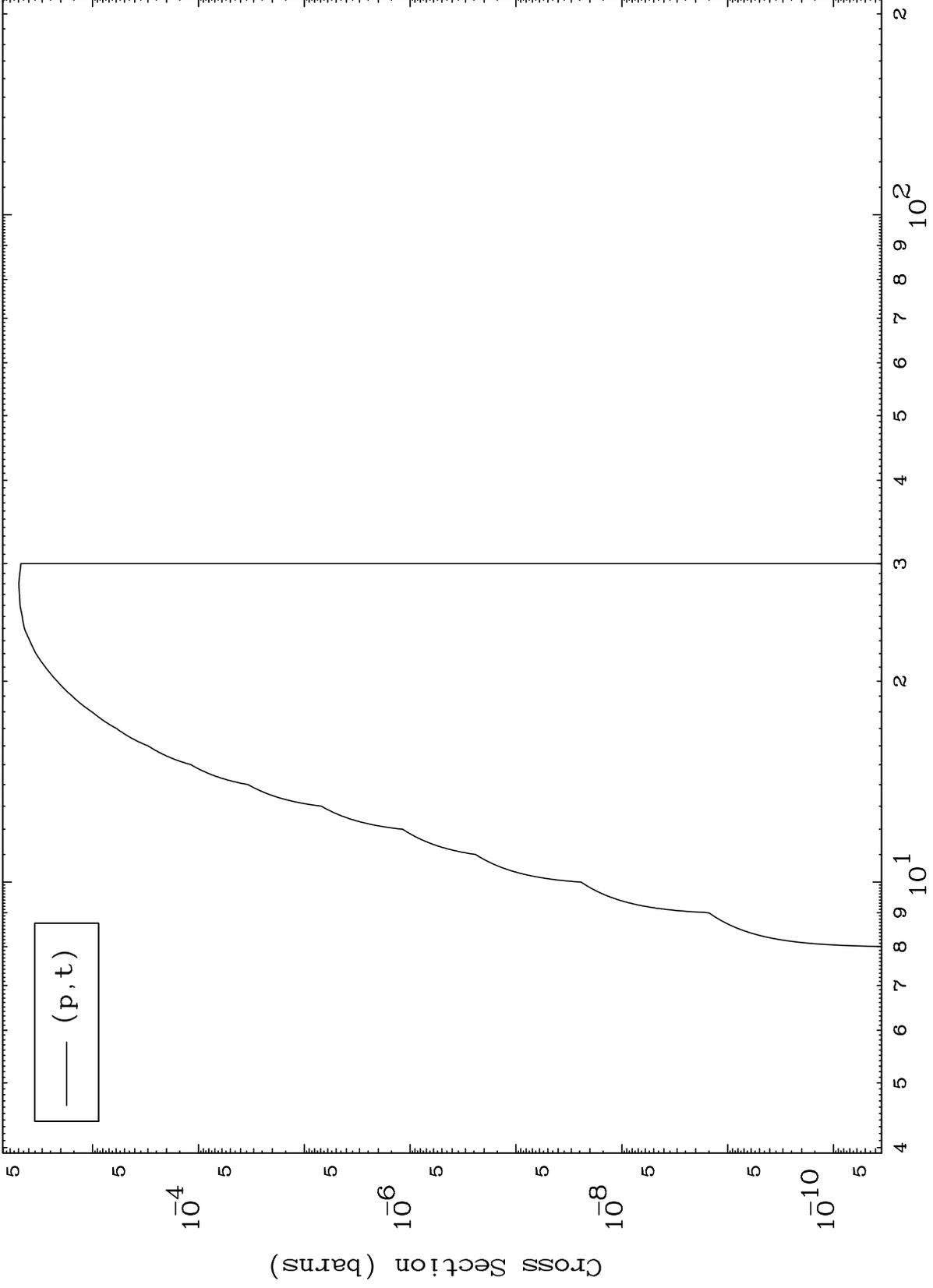
Incident Energy (MeV)

58-Ce-142

MAT 5843

(p, t) Levels  
0 Kelvin Cross Sections

58-Ce-142



9

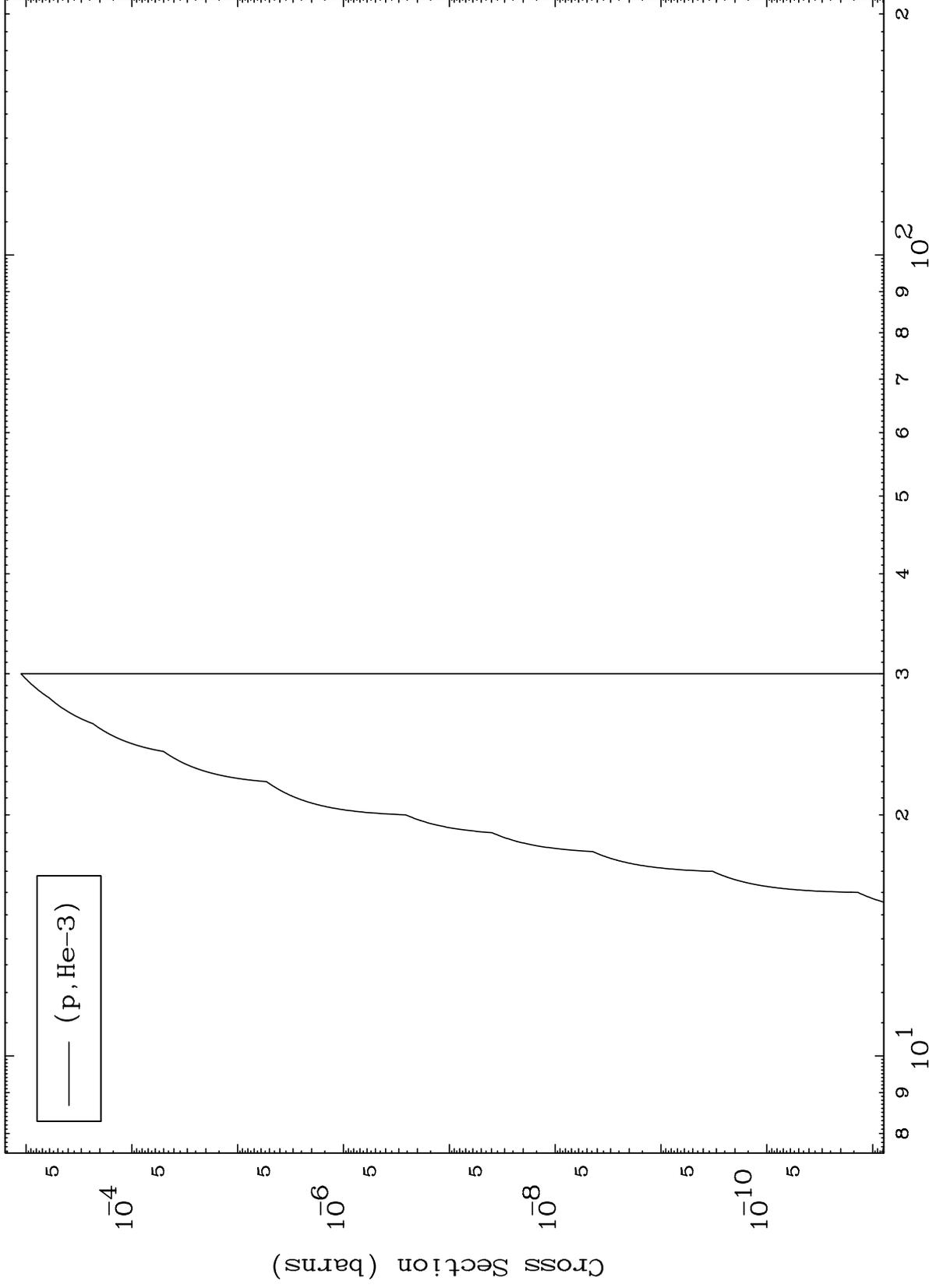
Incident Energy (MeV)

58-Ce-142

MAT 5843

(p,He3) Levels  
0 Kelvin Cross Sections

58-Ce-142



10

Incident Energy (MeV)

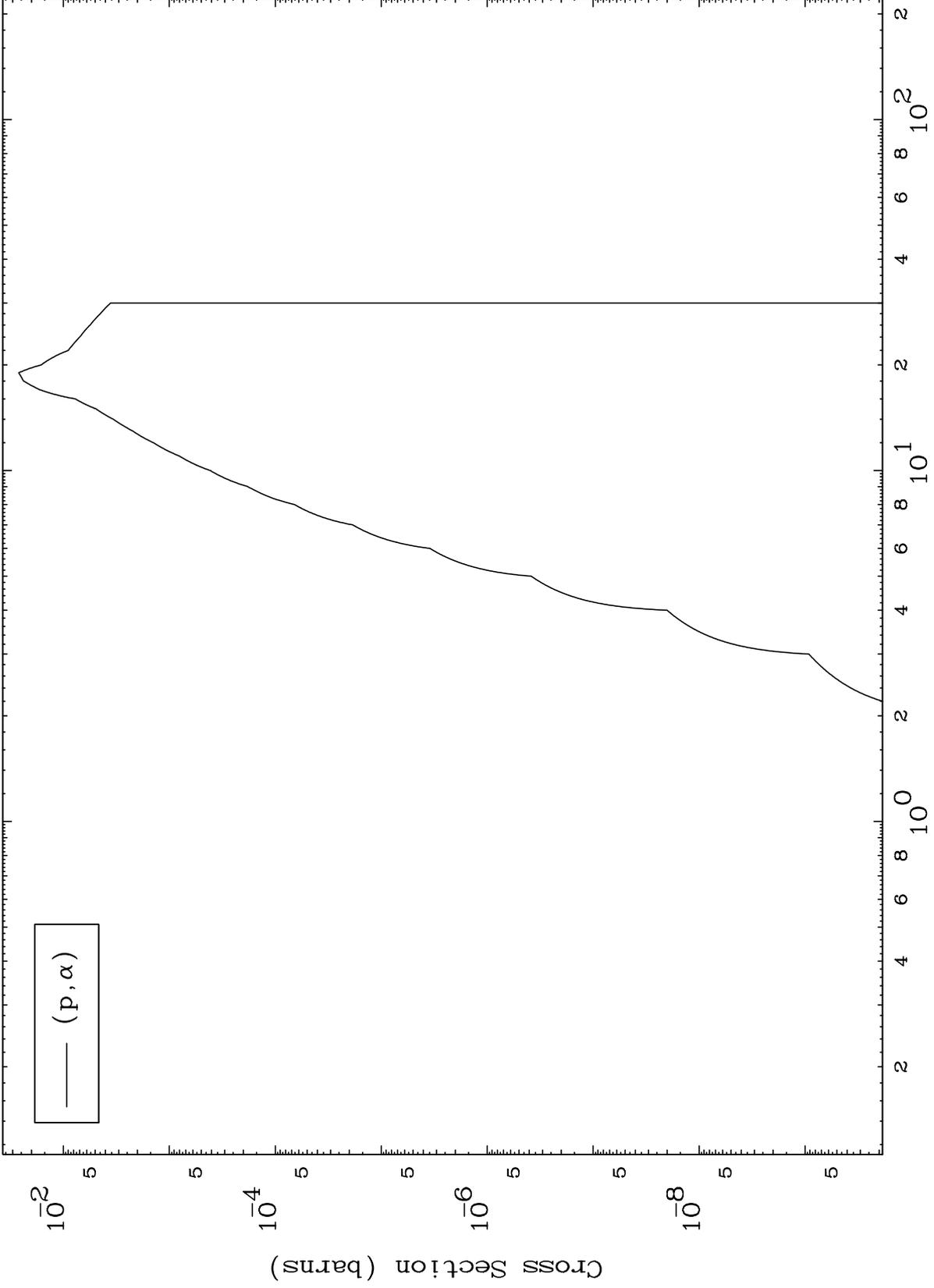
58-Ce-142

MAT 5843

(p,  $\alpha$ ) Levels

58-Ce-142

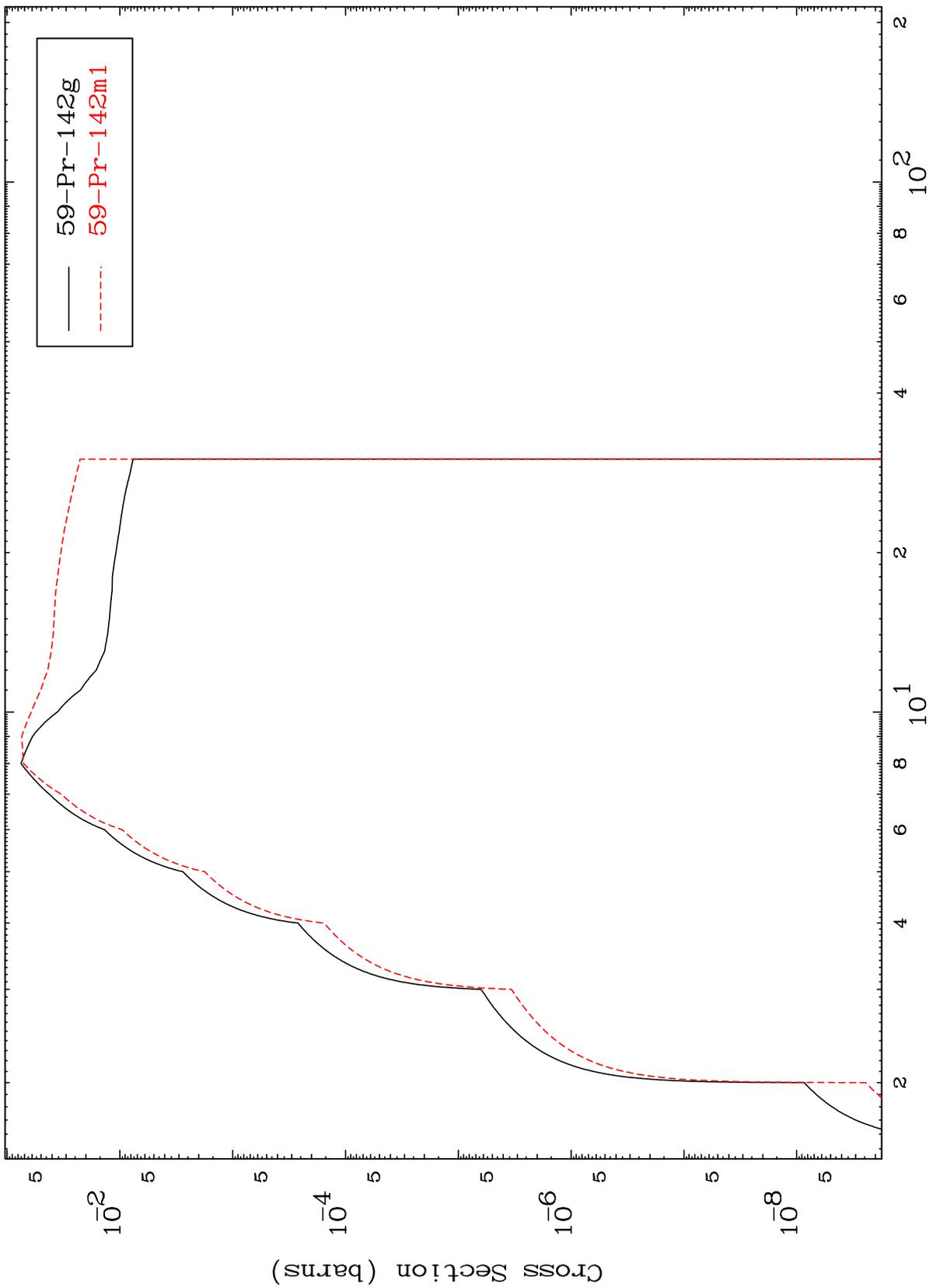
0 Kelvin Cross Sections



MAT 5843

58-Ce-142

Proton Inelastic  
Radionuclide Production Cross Section



12

Incident Energy (MeV)

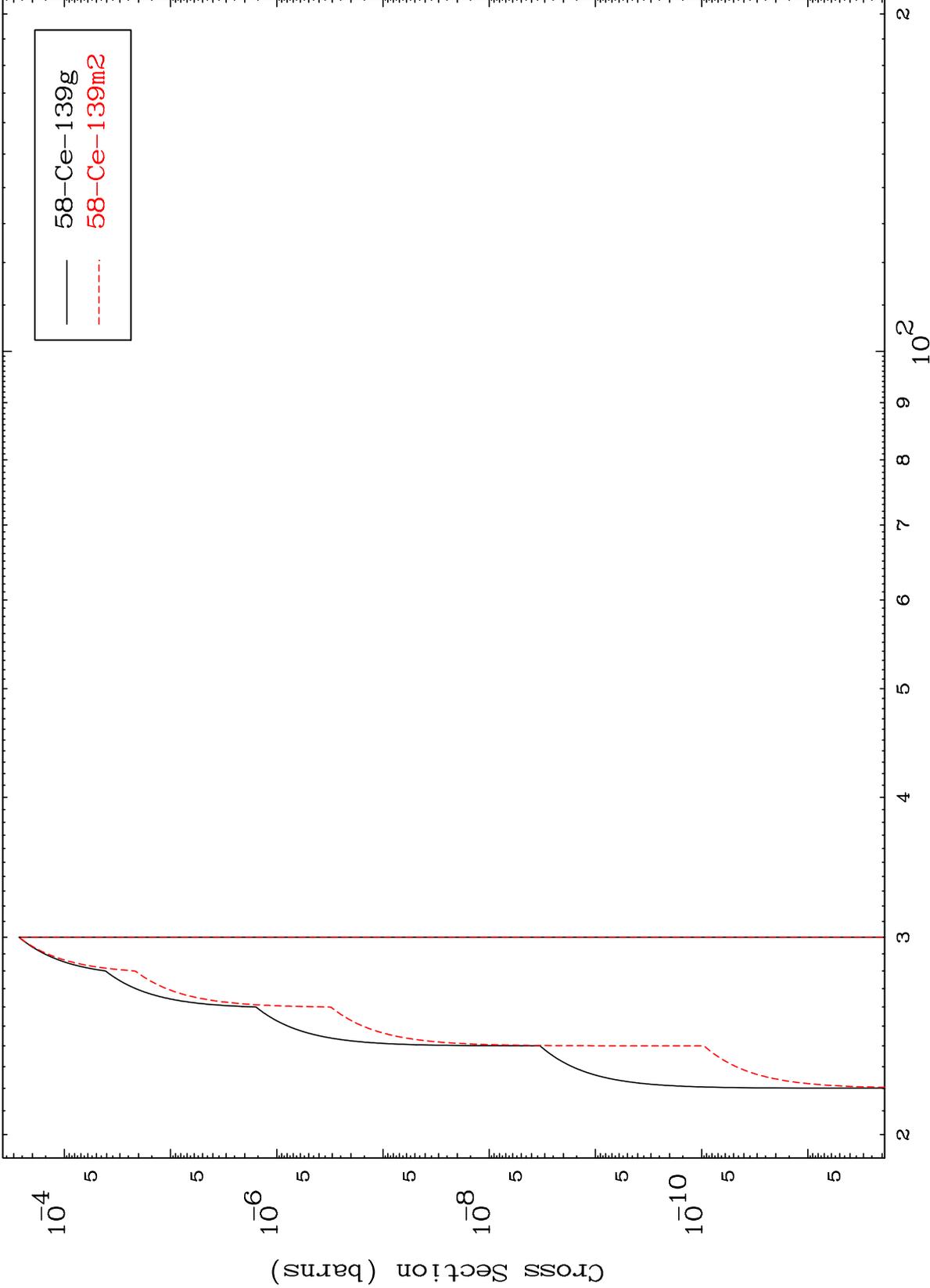
58-Ce-142

MAT 5843

(p,2n) d

58-Ce-142

Radionuclide Production Cross Section



13

Incident Energy (MeV)

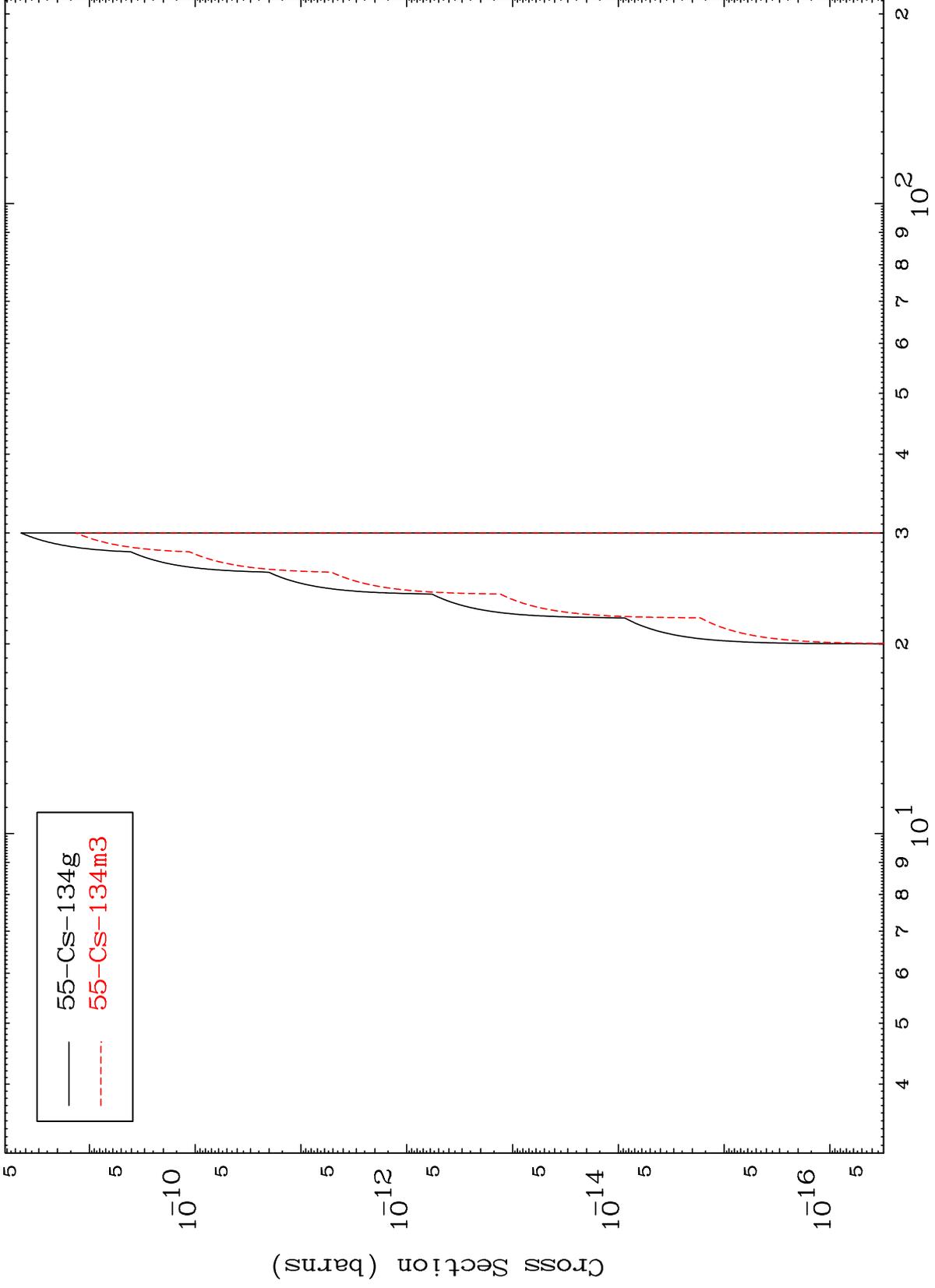
58-Ce-142

MAT 5843

(p,n') 2 $\alpha$

58-Ce-142

Radionuclide Production Cross Section



55-Cs-134g  
55-Cs-134m3

14

Incident Energy (MeV)

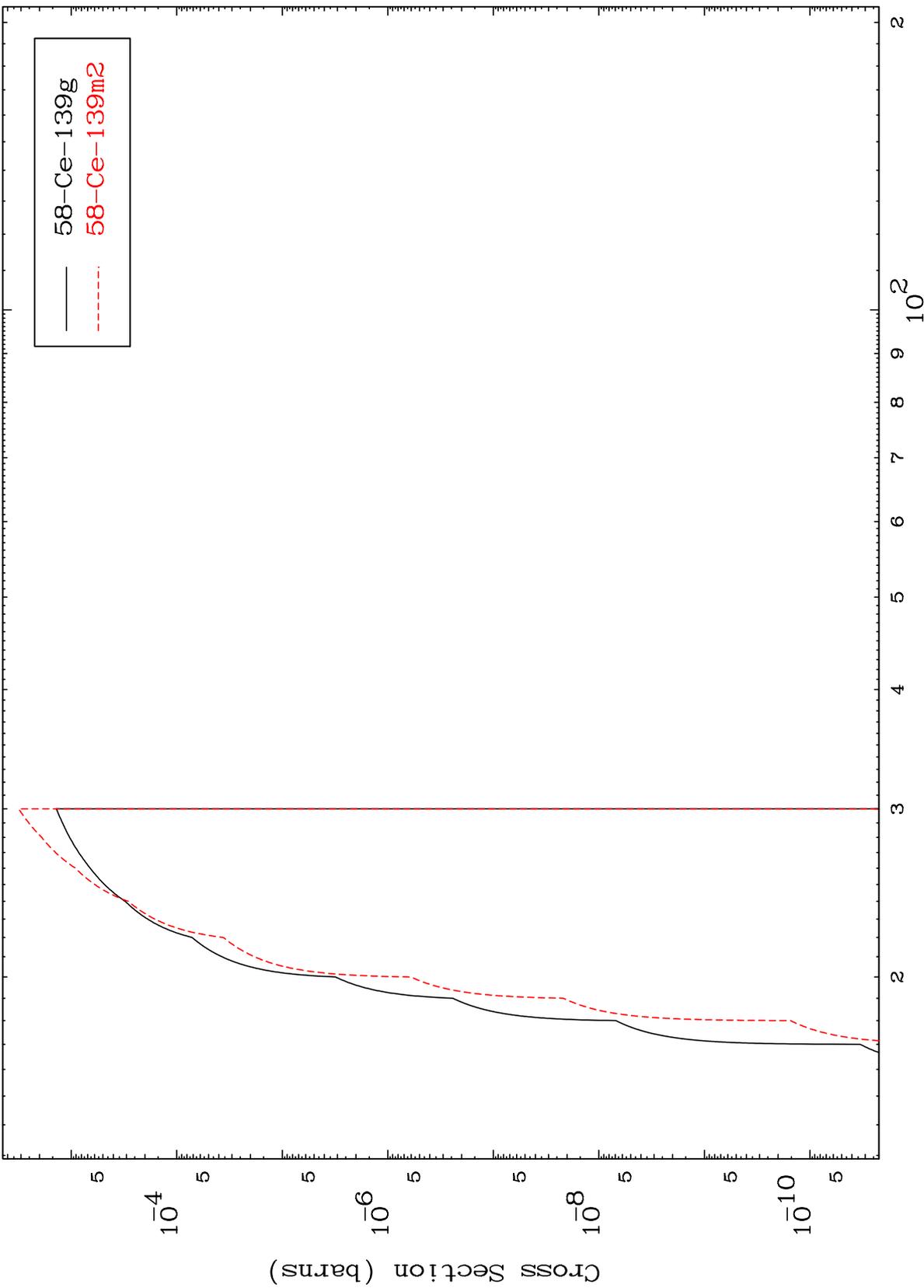
58-Ce-142

MAT 5843

(p,n') t

58-Ce-142

Radionuclide Production Cross Section



15

Incident Energy (MeV)

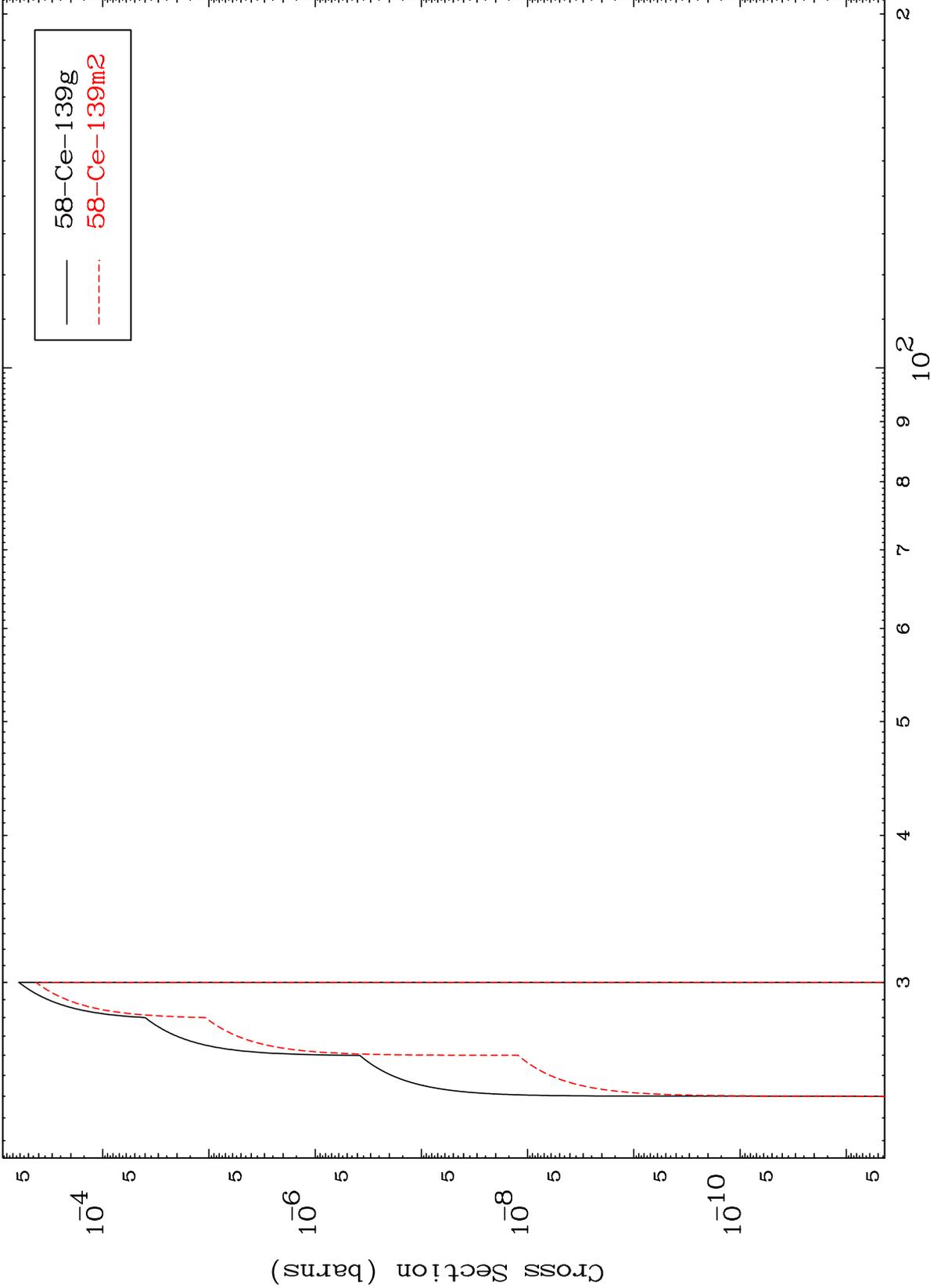
58-Ce-142

MAT 5843

(p,3n) p

58-Ce-142

Radionuclide Production Cross Section



16

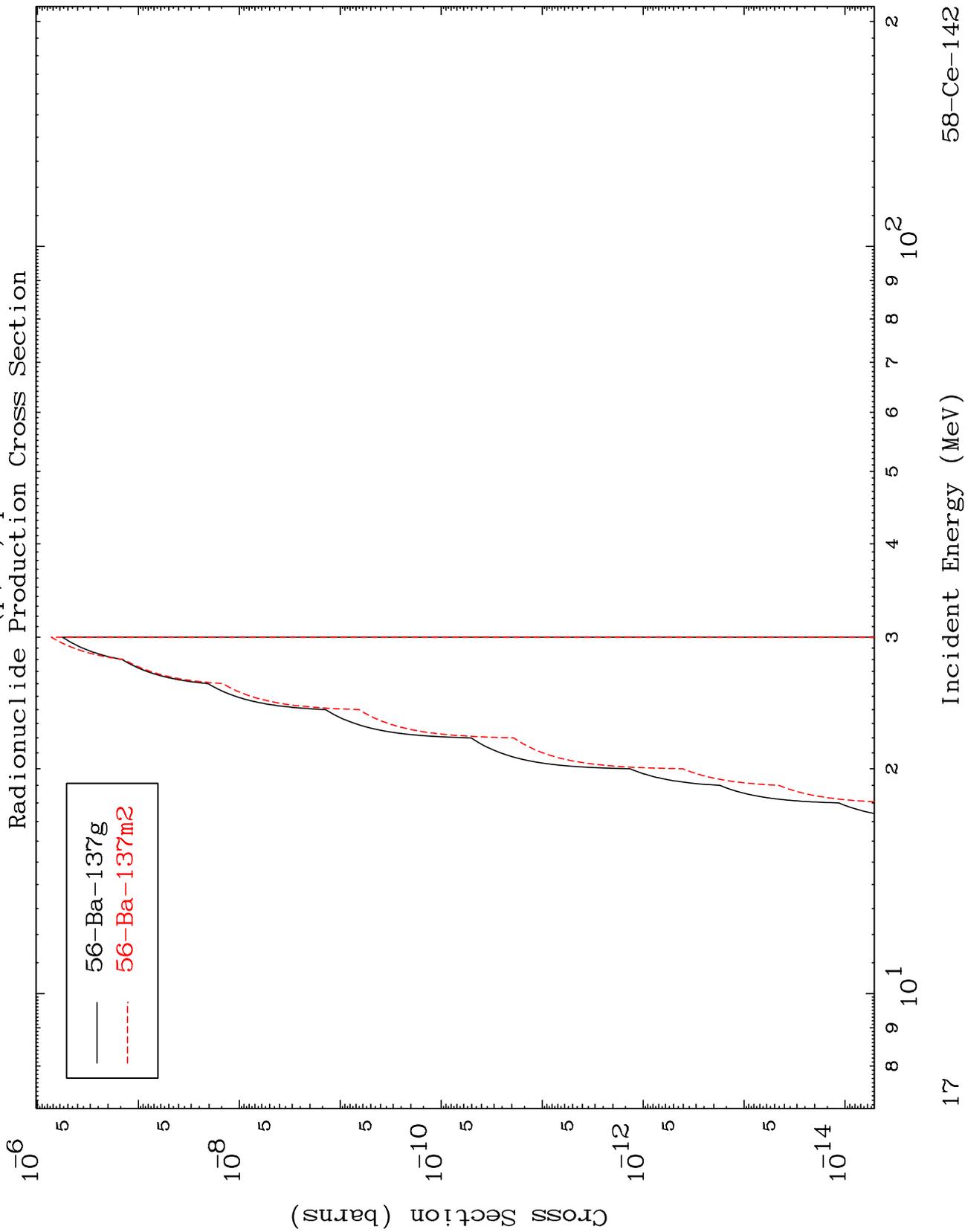
Incident Energy (MeV)

58-Ce-142

MAT 5843

(p,n') p  $\alpha$

58-Ce-142



17

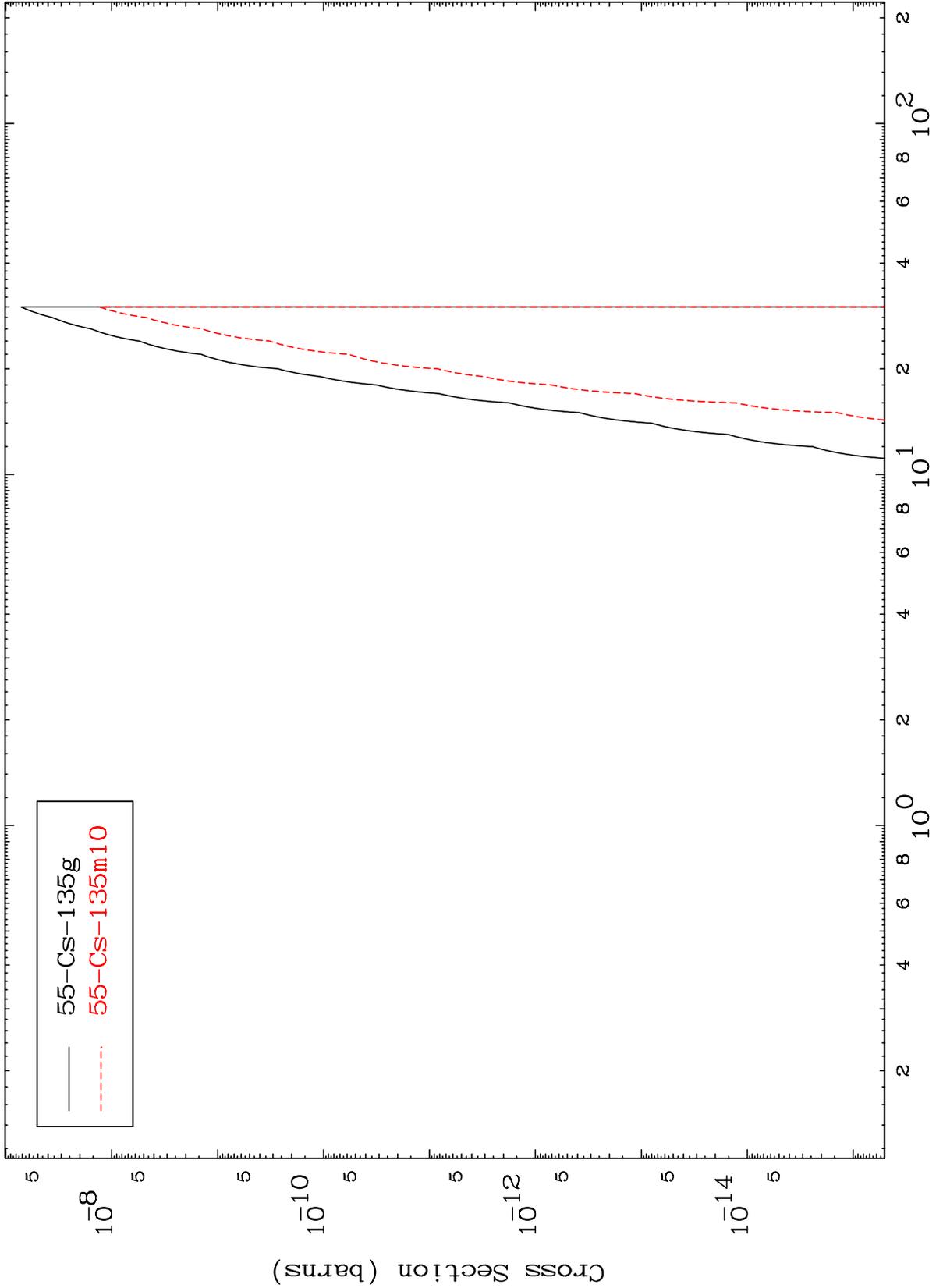
58-Ce-142

MAT 5843

(p,2α)

58-Ce-142

Radionuclide Production Cross Section



18

Incident Energy (MeV)

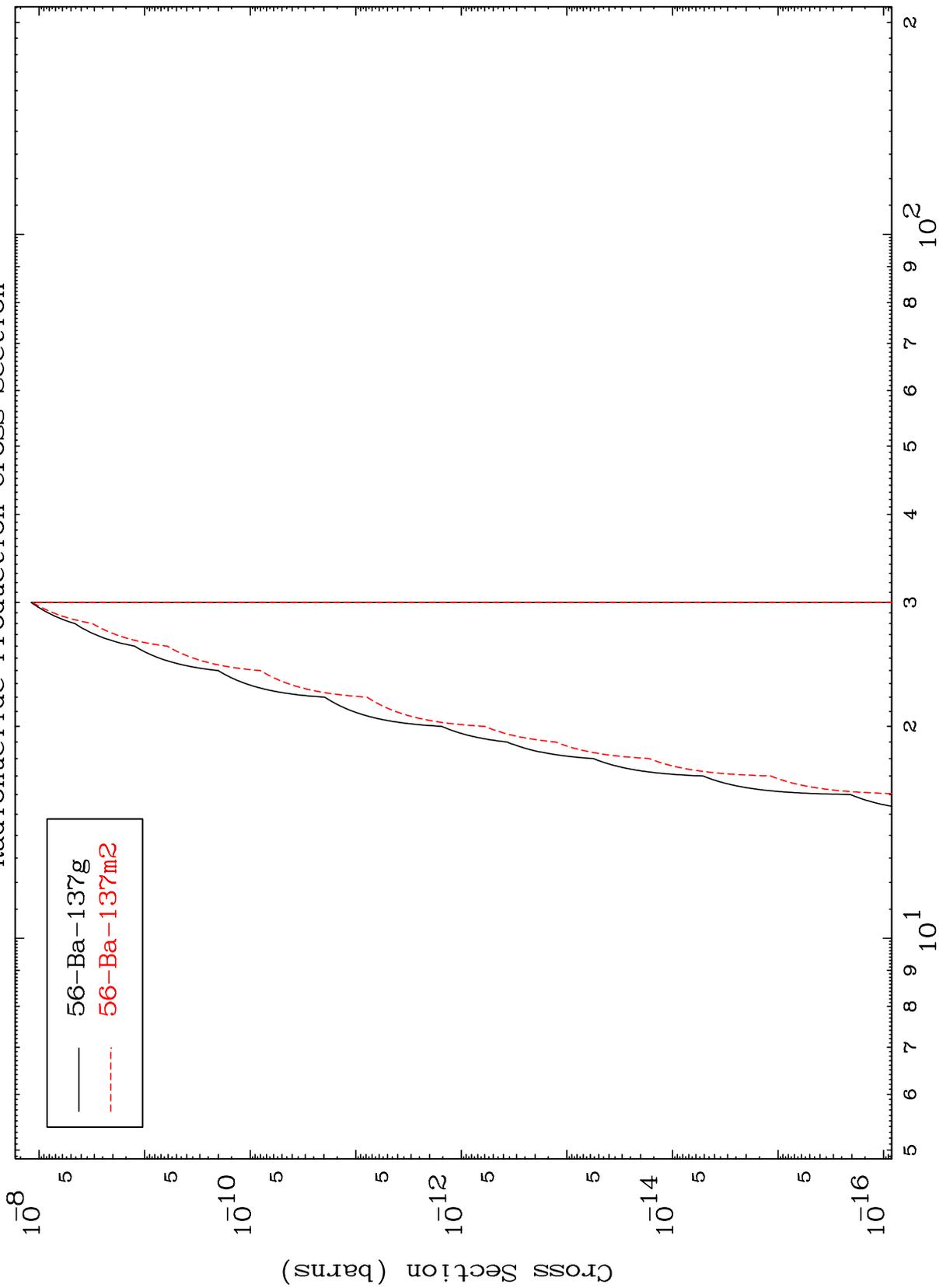
58-Ce-142

MAT 5843

(p,d)  $\alpha$

58-Ce-142

Radionuclide Production Cross Section



56-Ba-137g  
56-Ba-137m2

19

Incident Energy (MeV)

58-Ce-142