

Program EVALPLOT  
(Version 2018-1)

by

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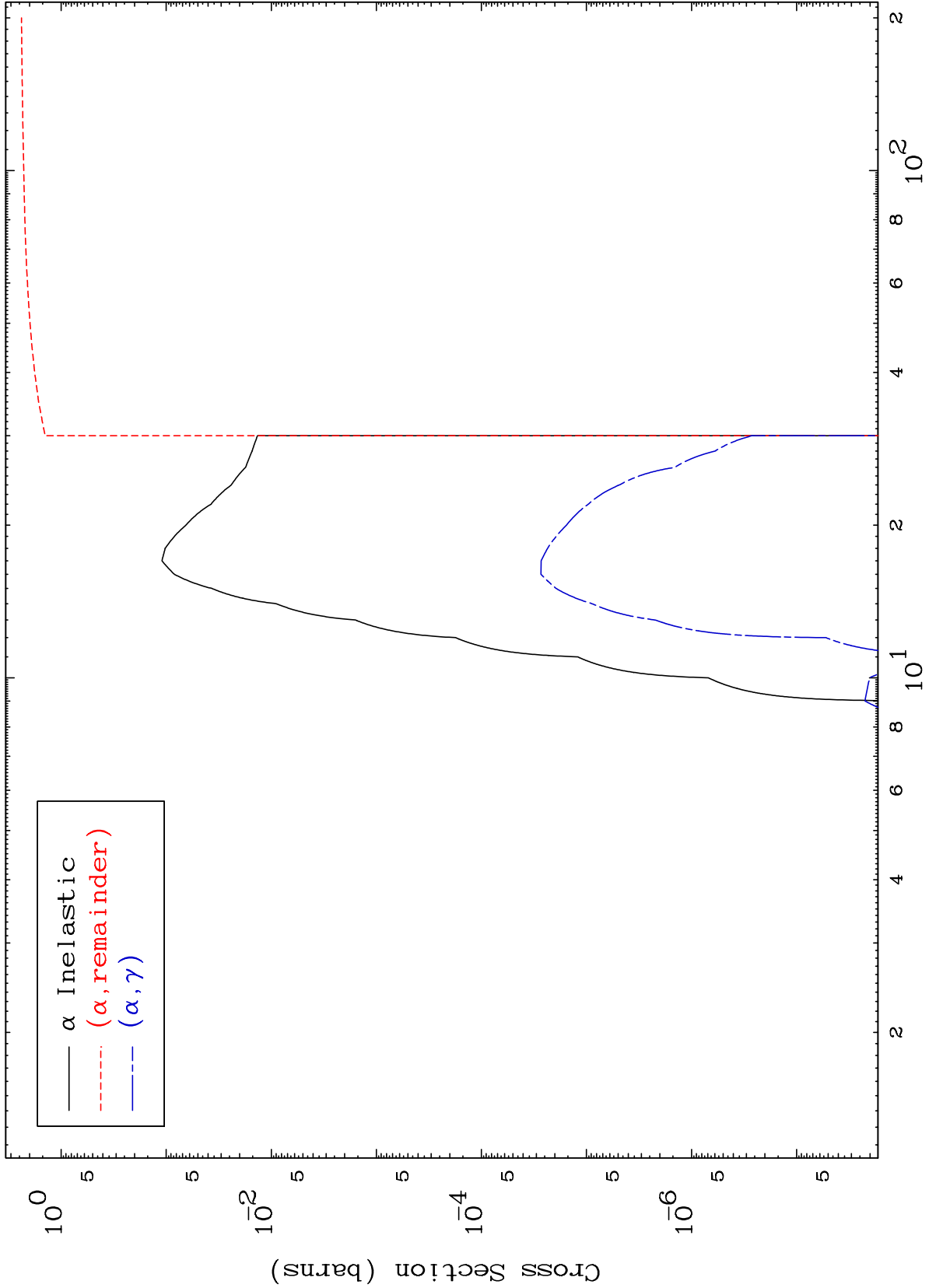
Press Mouse Button to Start

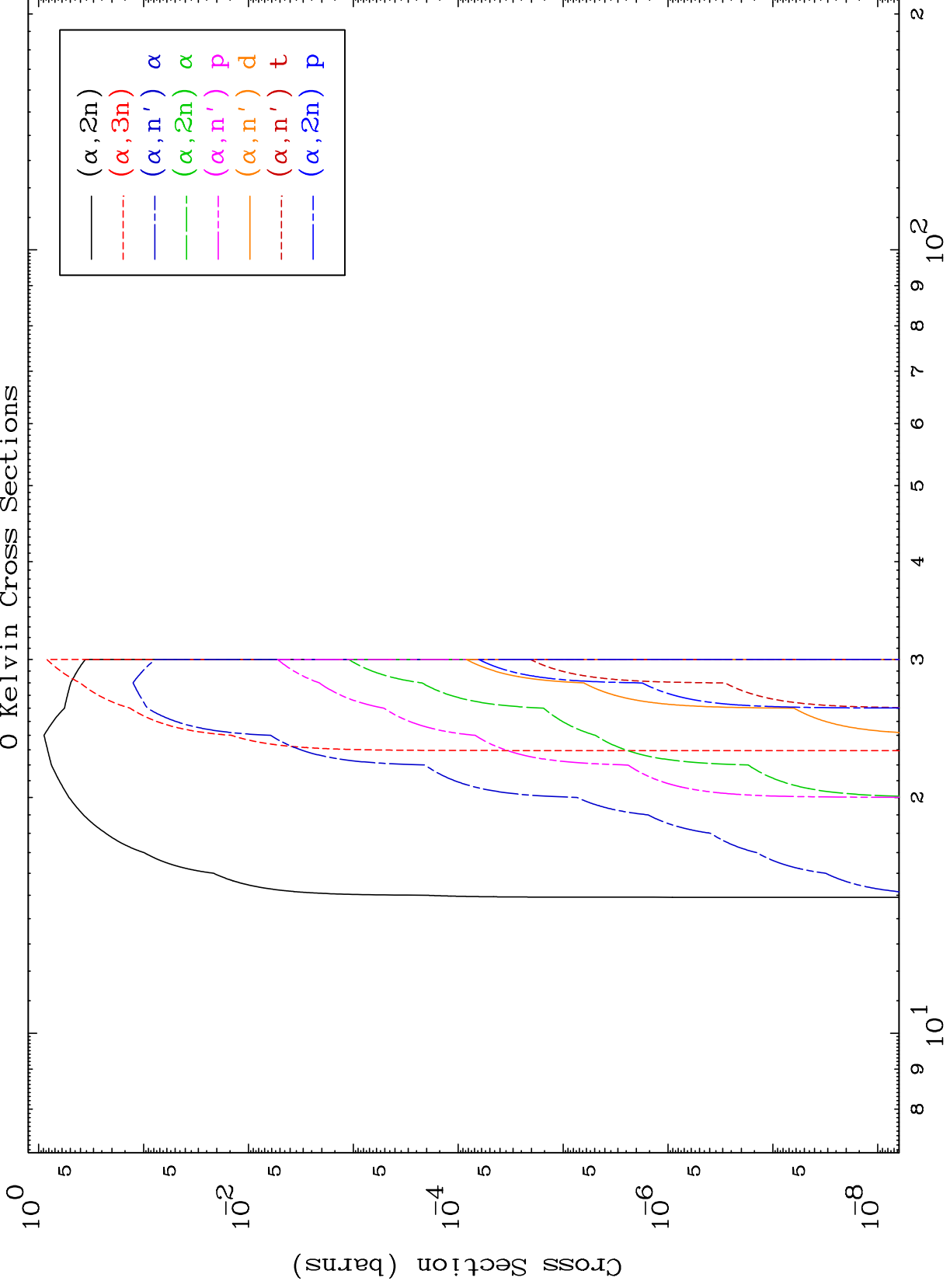
MAT 5843

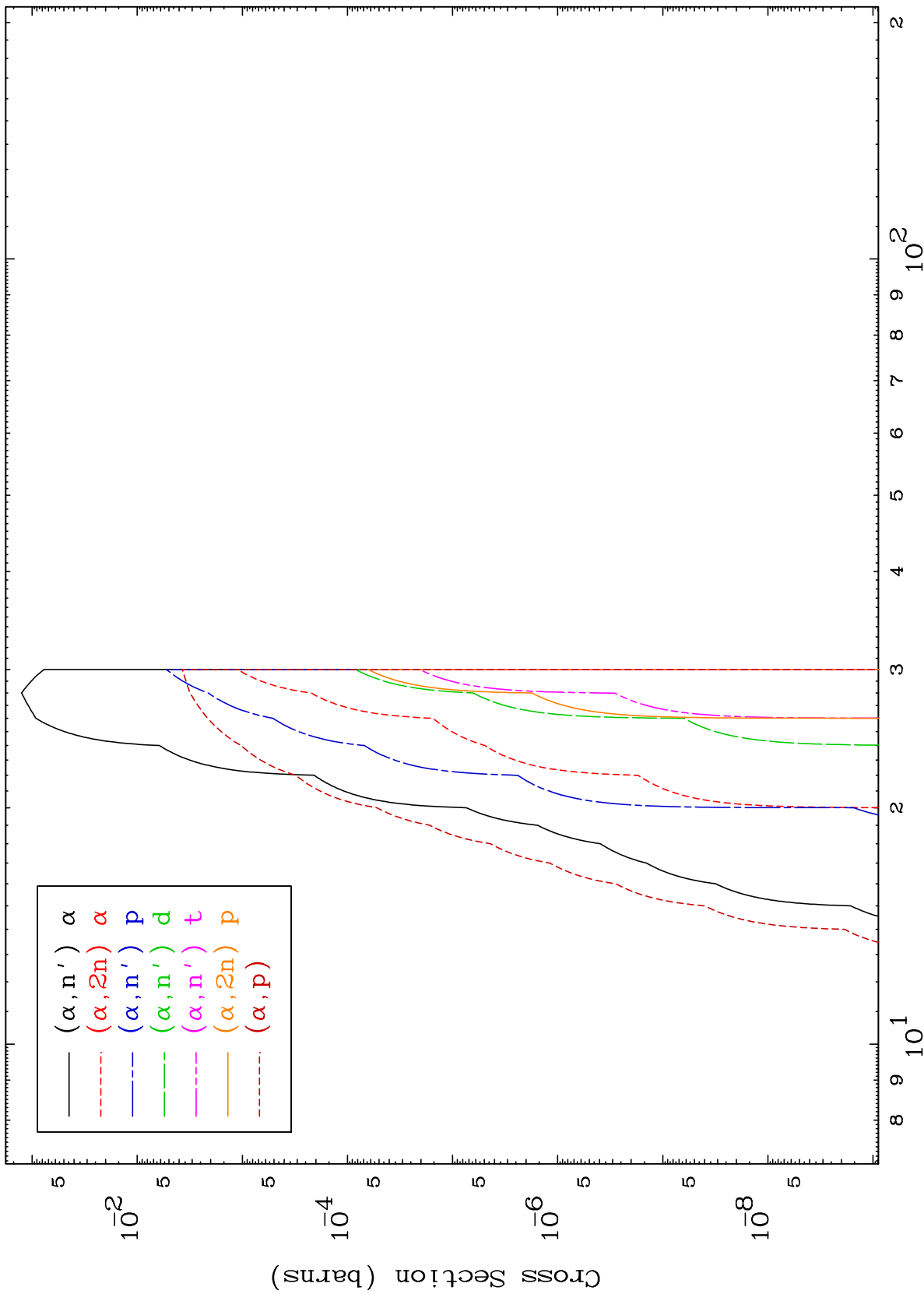
$\alpha$  Major

58-Ce-142

0 Kelvin Cross Sections



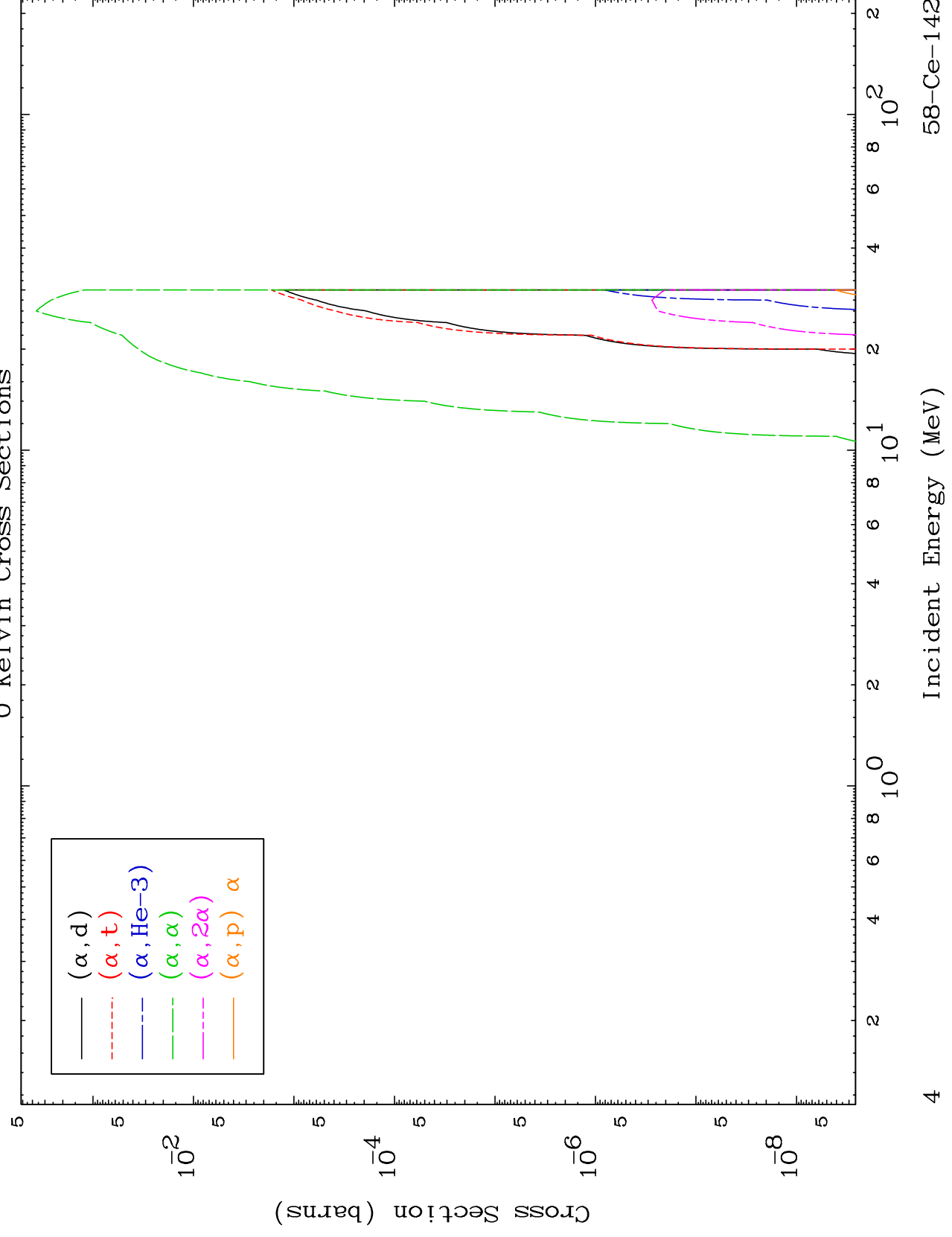




MAT 5843

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

58-Ce-142

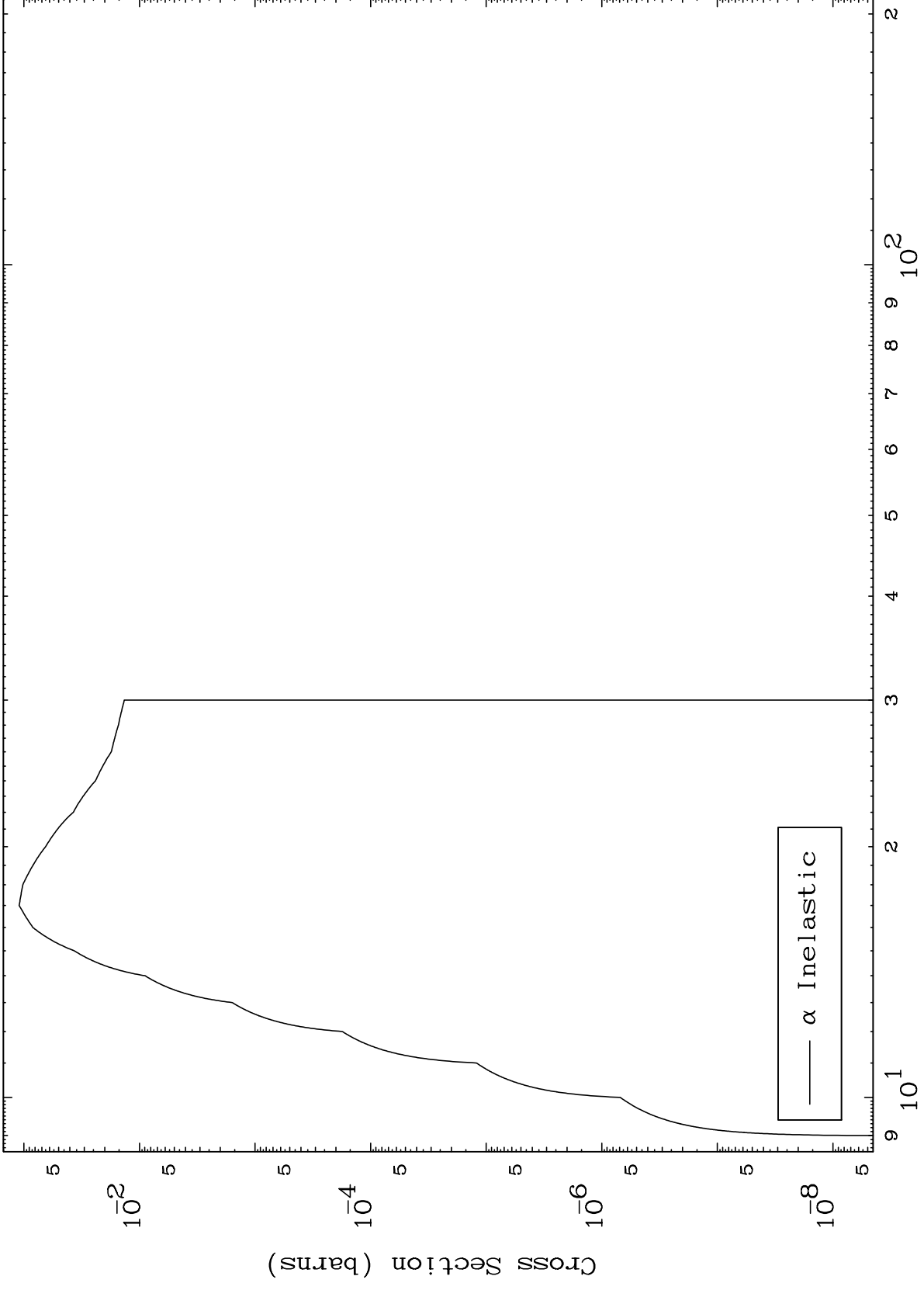


MAT 5843

( $\alpha, n'$ ) Level

58-Ce-142

0 Kelvin Cross Sections



58-Ce-142

Incident Energy (MeV)

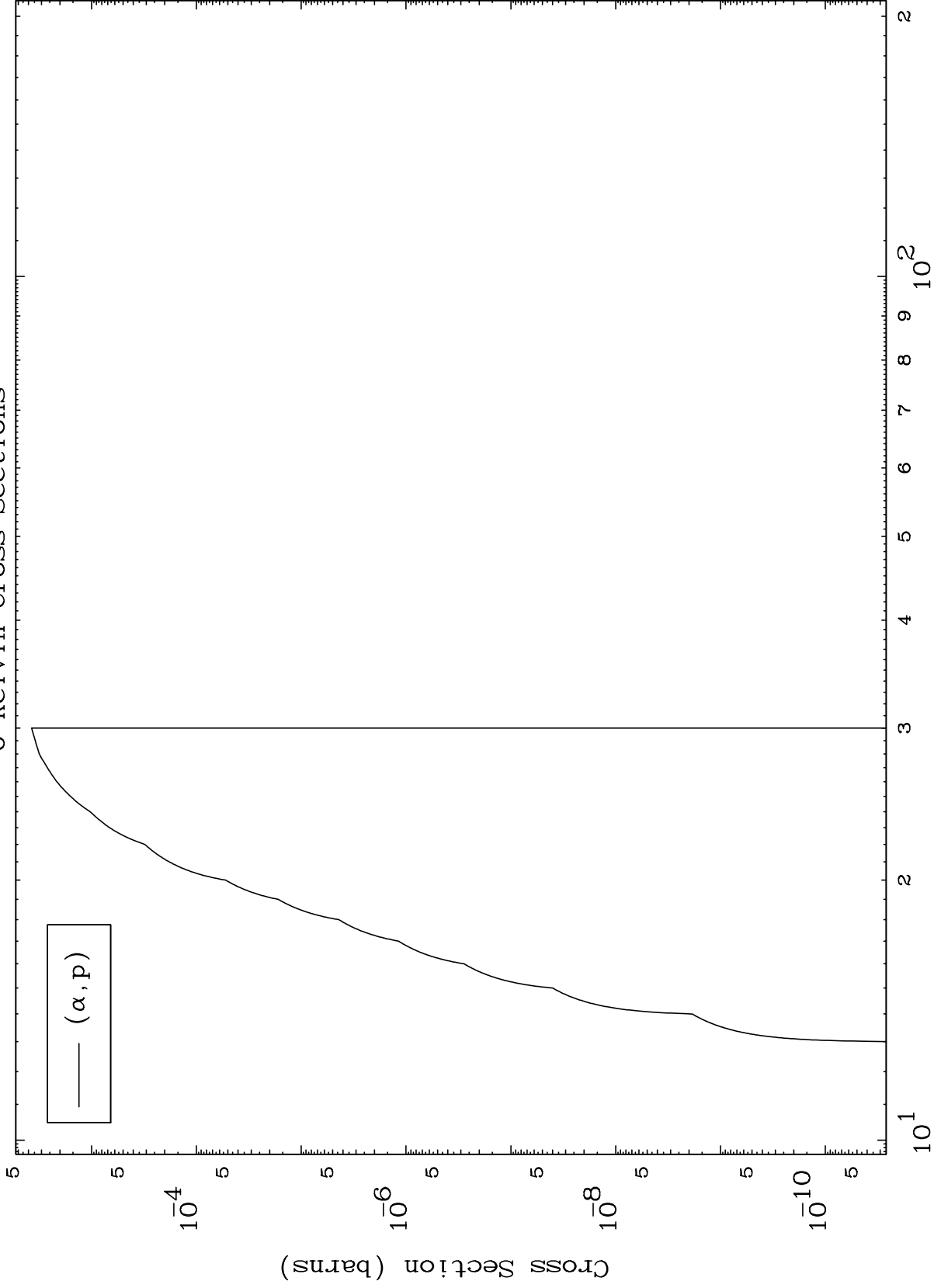
5

MAT 5843

( $\alpha, p$ ) Levels

58-Ce-142

0 Kelvin Cross Sections



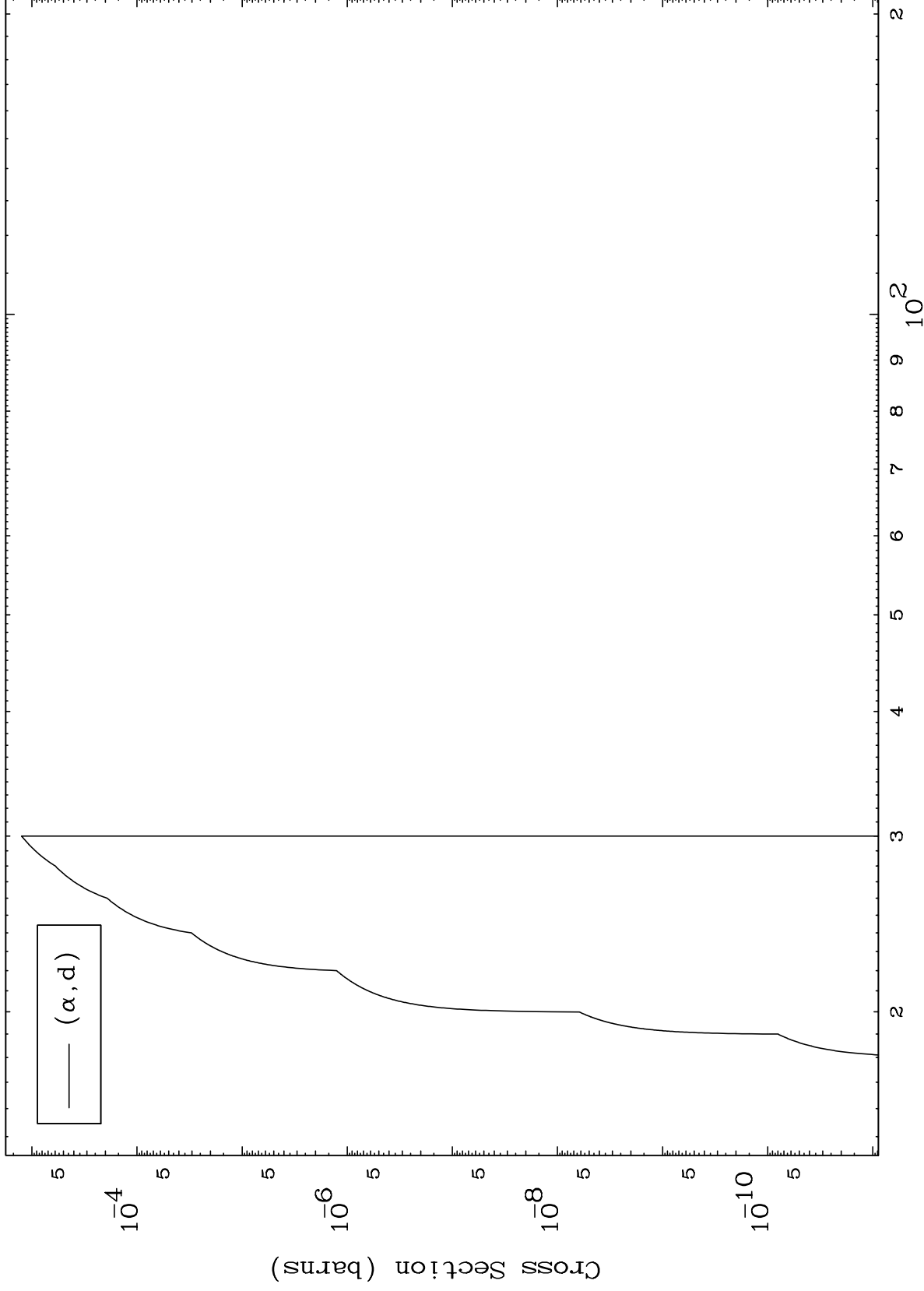
Incident Energy (MeV)

58-Ce-142

MAT 5843

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

58-Ce-142

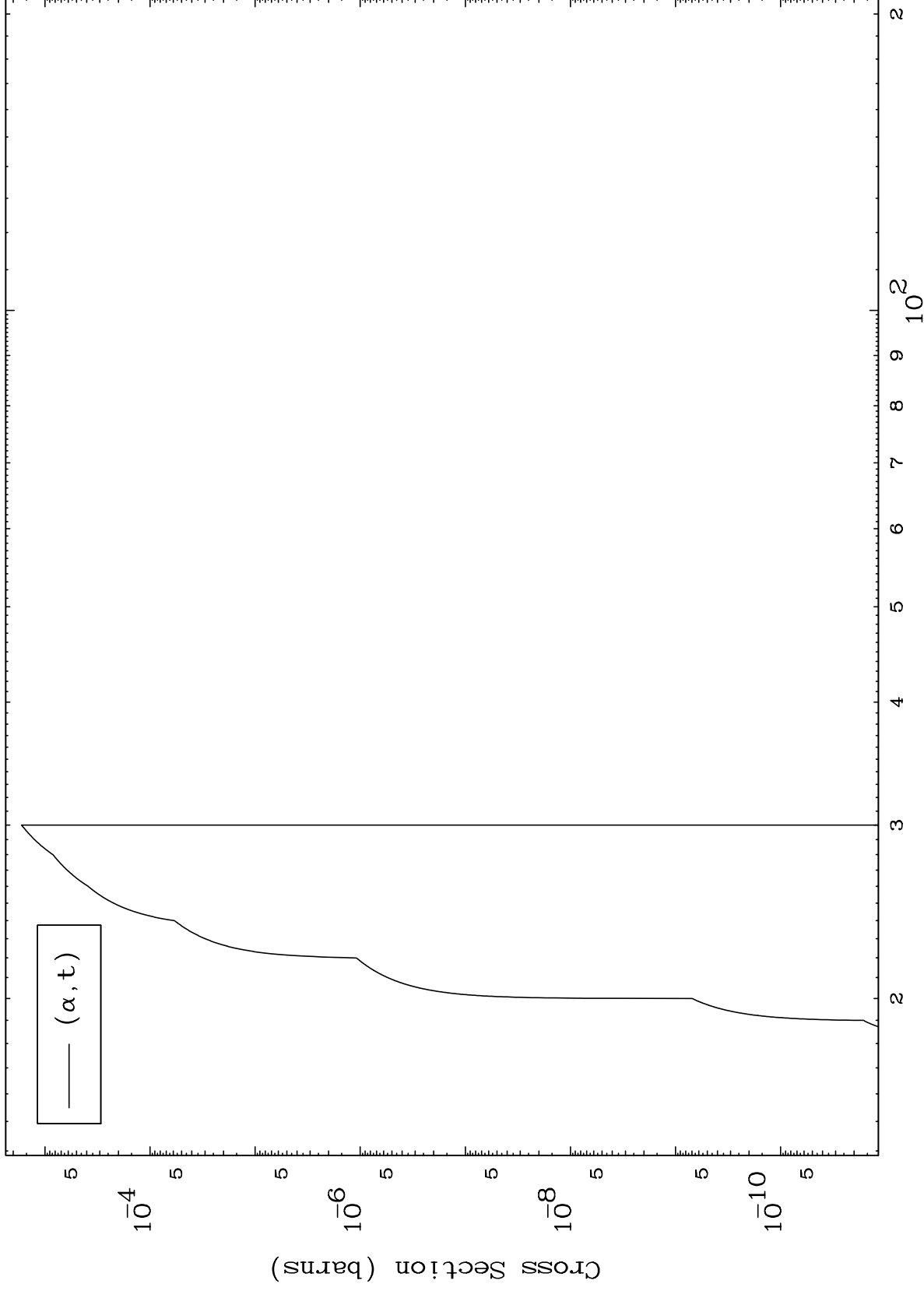




MAT 5843

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

58-Ce-142



8

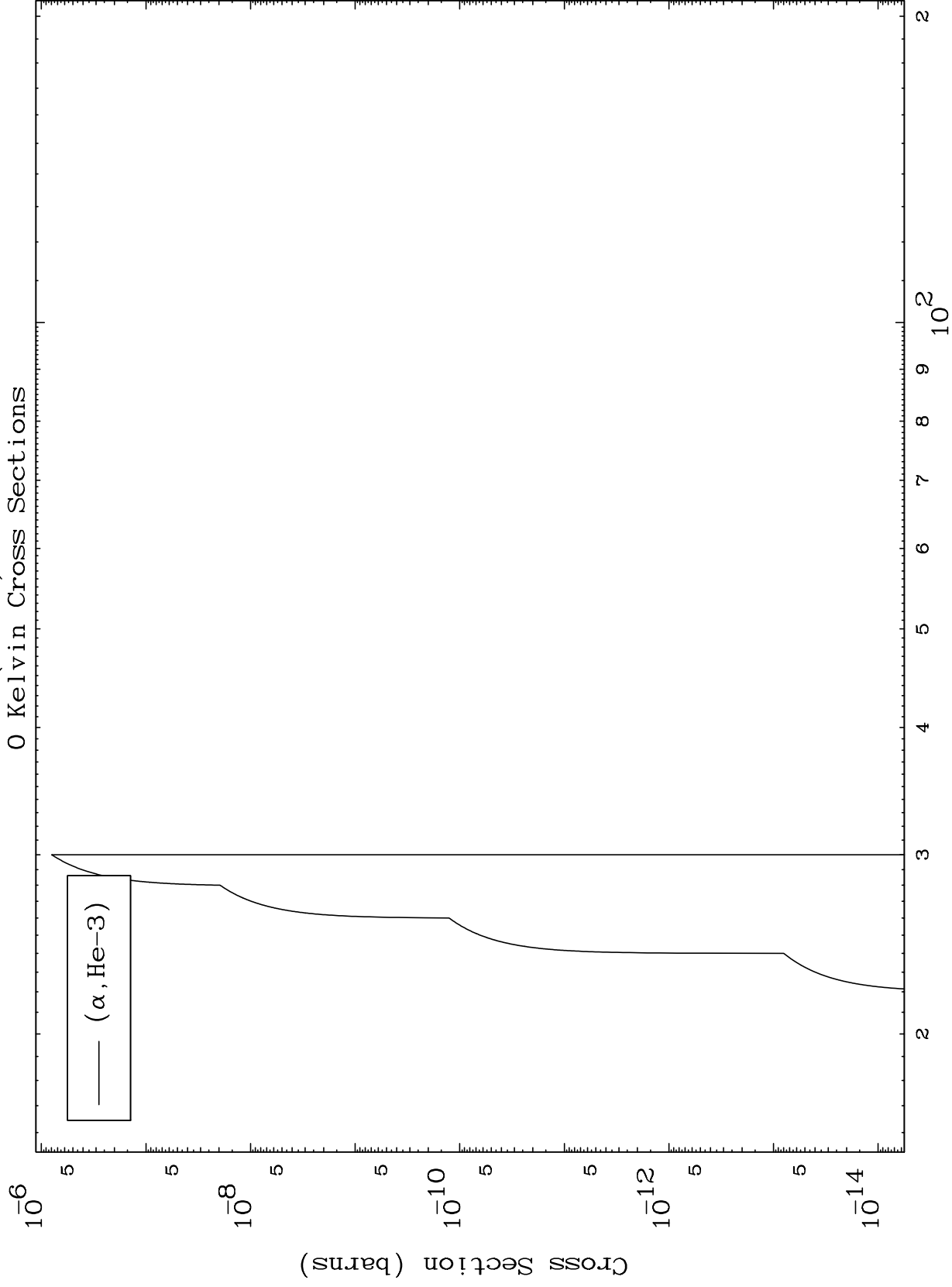
Incident Energy (MeV)

58-Ce-142

MAT 5843

( $\alpha$ ,He3) Levels  
0 Kelvin Cross Sections

58-Ce-142



9

Incident Energy (MeV)

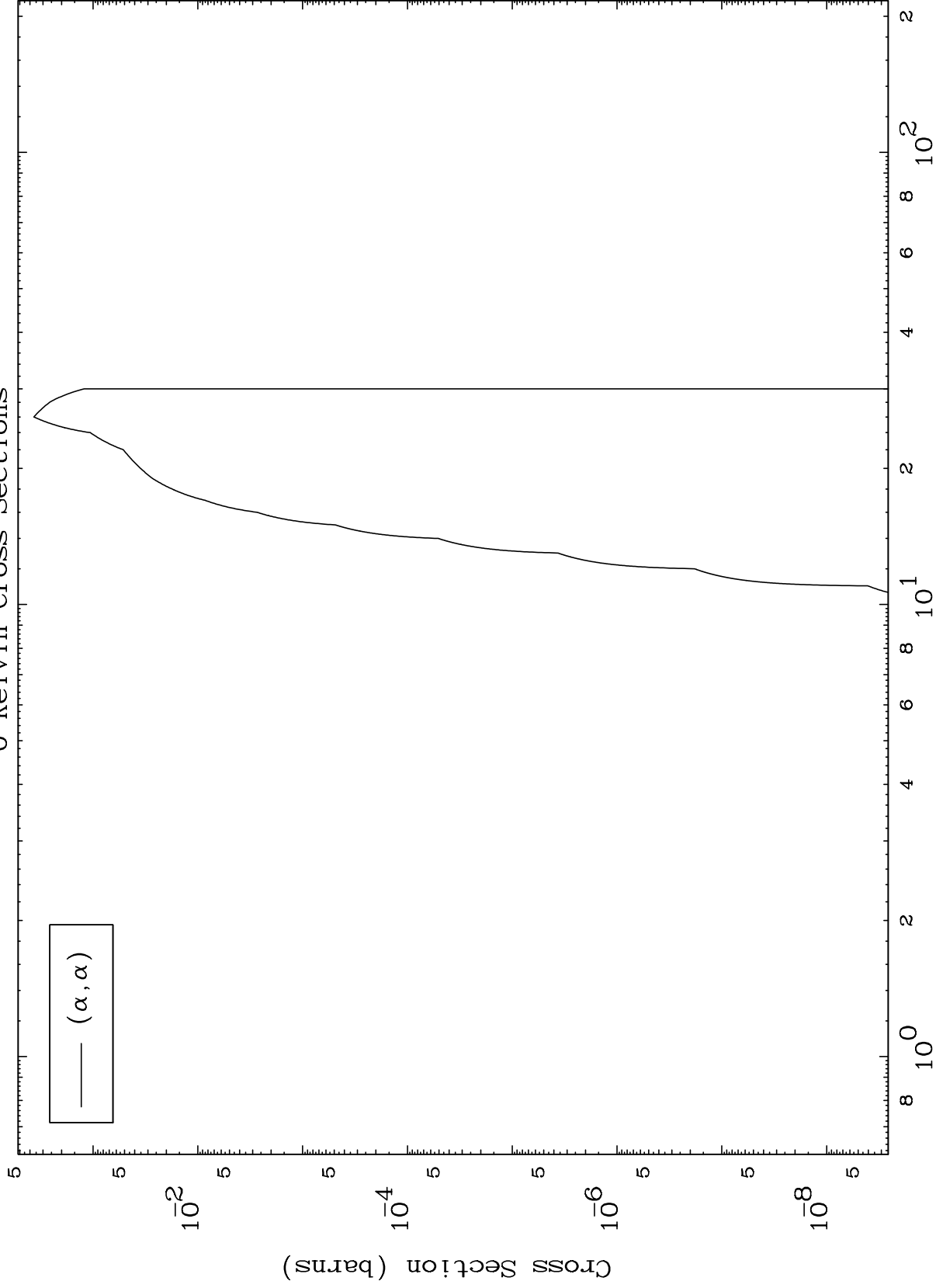
58-Ce-142

MAT 5843

( $\alpha, \alpha$ ) Levels

58-Ce-142

0 Kelvin Cross Sections



10

Incident Energy (MeV)

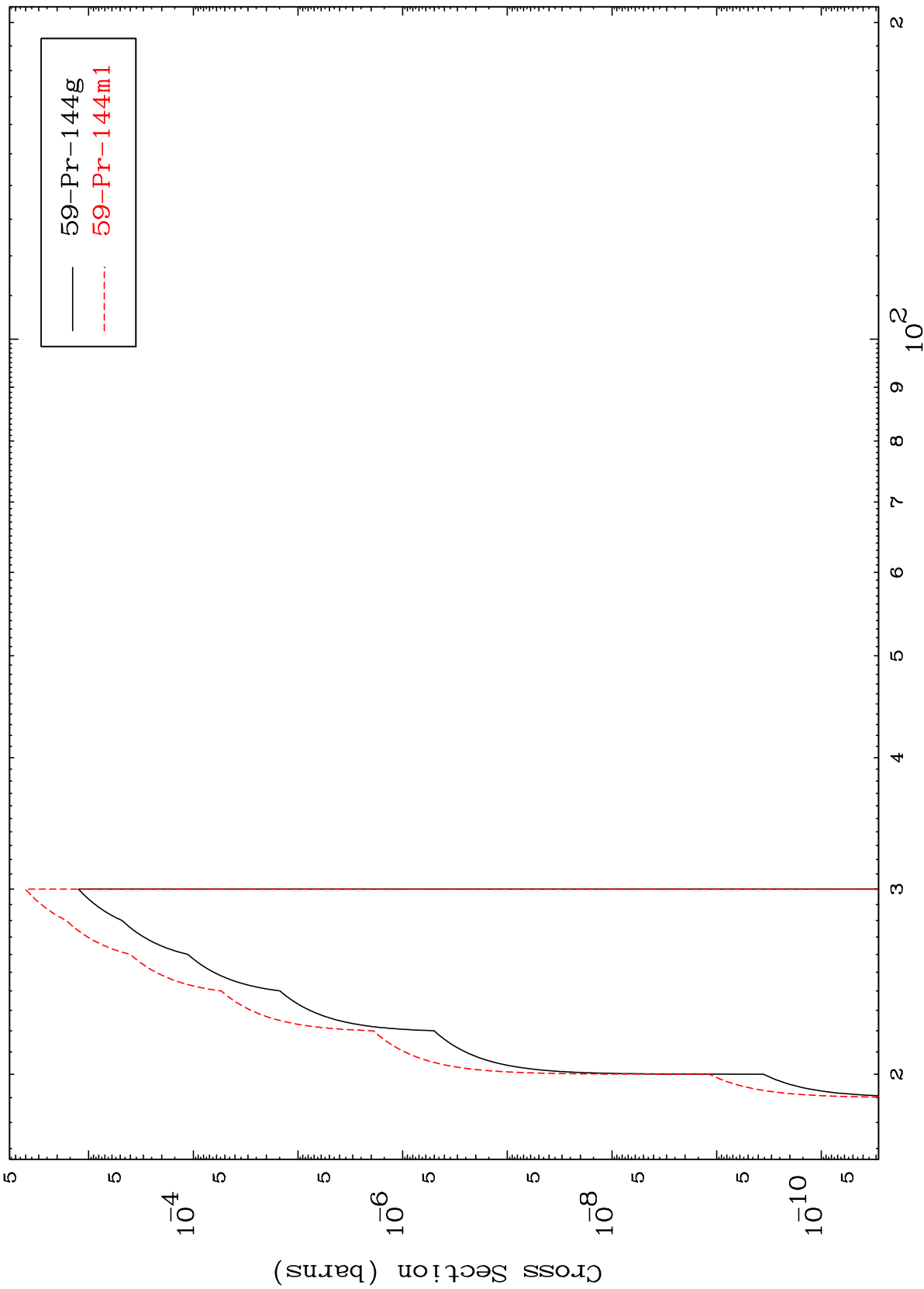
58-Ce-142

MAT 5843

$(\alpha, n')$  p

58-Ce-142

Radionuclide Production Cross Section



59-Pr-144g  
59-Pr-144m1

11

Incident Energy (MeV)

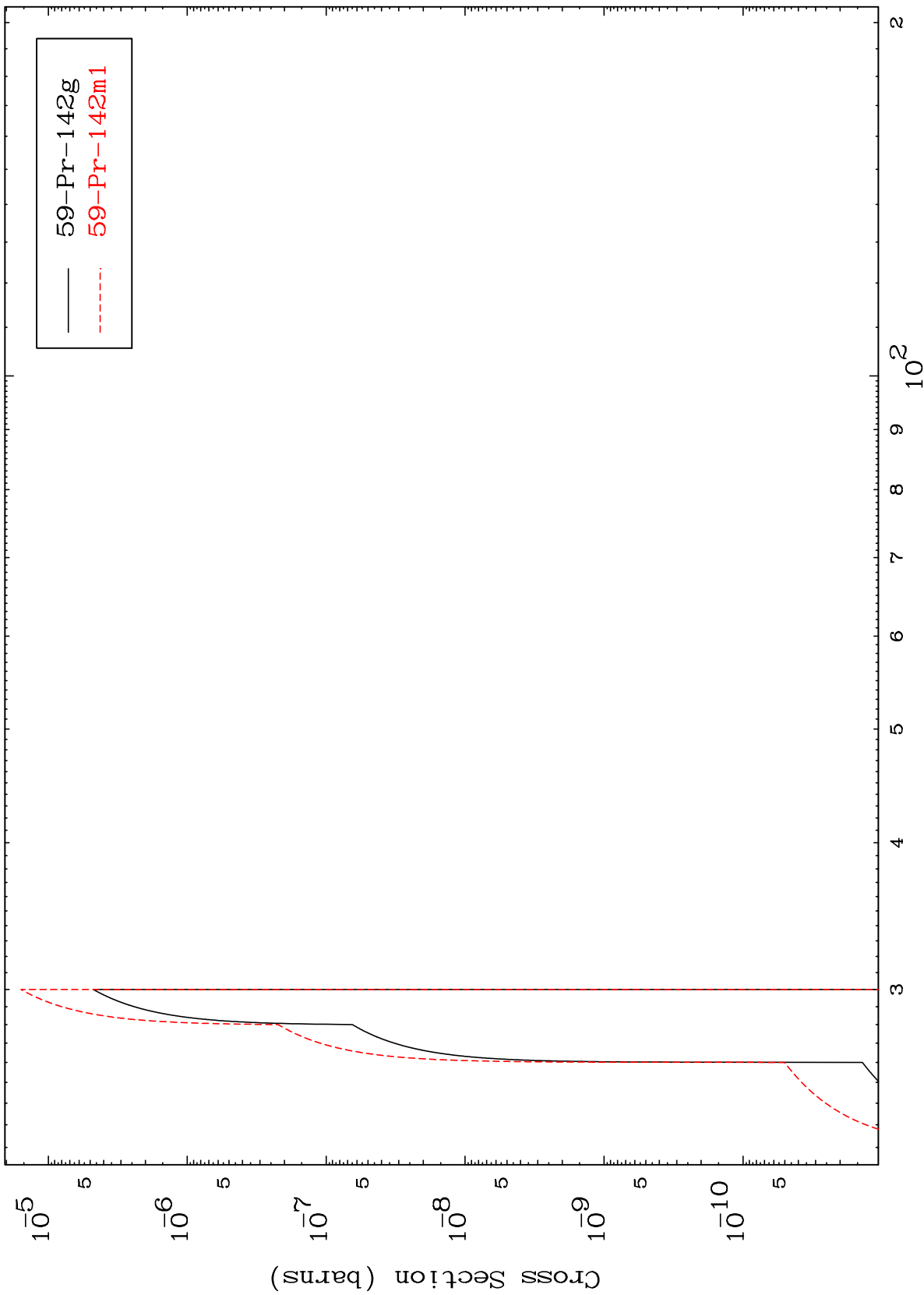
58-Ce-142

MAT 5843

$(\alpha, n')$  t

58-Ce-142

Radionuclide Production Cross Section



12

Incident Energy (MeV)

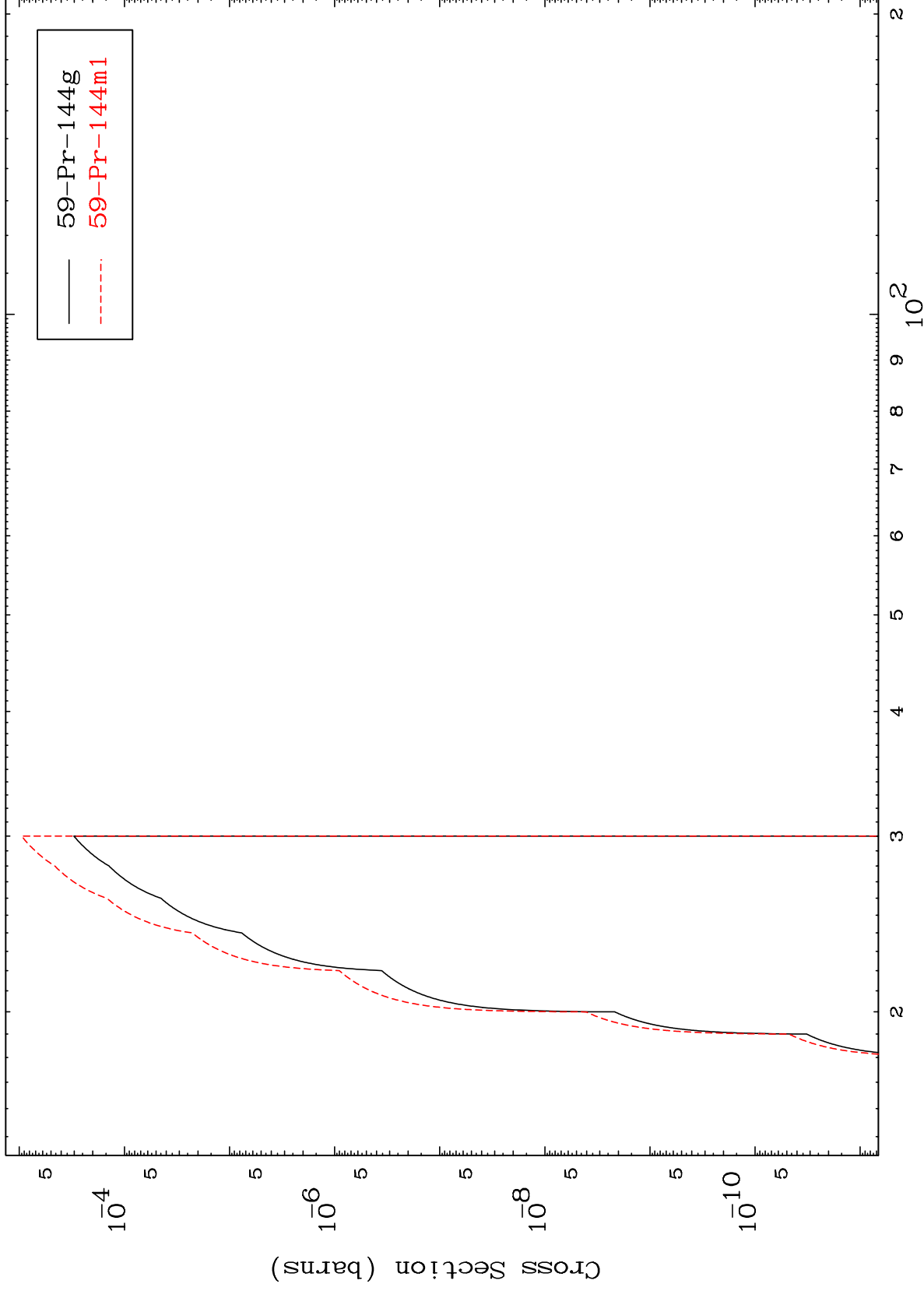
58-Ce-142

MAT 5843

( $\alpha, d$ )

58-Ce-142

Radionuclide Production Cross Section



13

Incident Energy (MeV)

58-Ce-142