

Program EVALPLOT  
(Version 2018-1)

by

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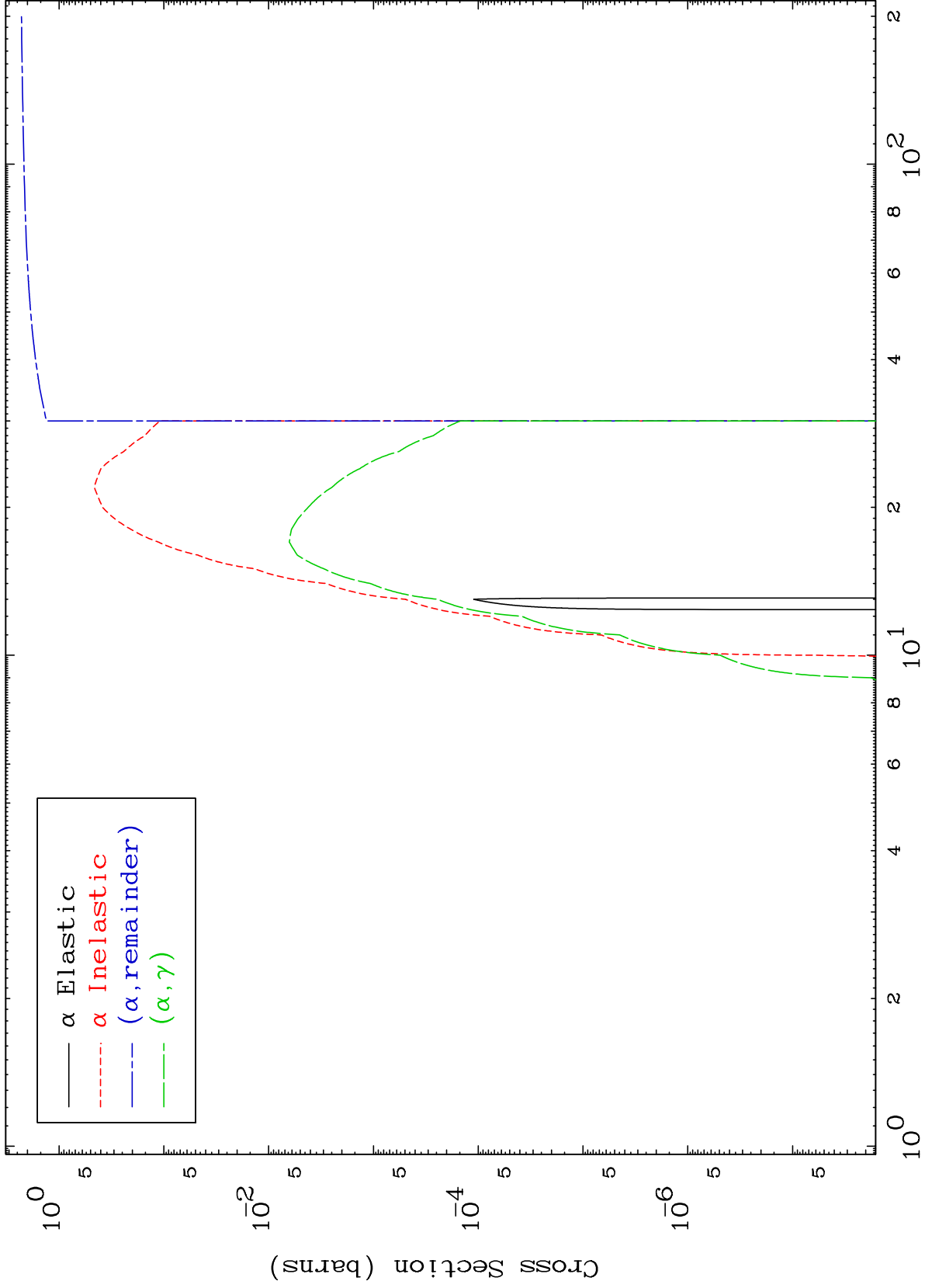
Press Mouse Button to Start

MAT 5811

$\alpha$  Major

58-Ce-131

0 Kelvin Cross Sections



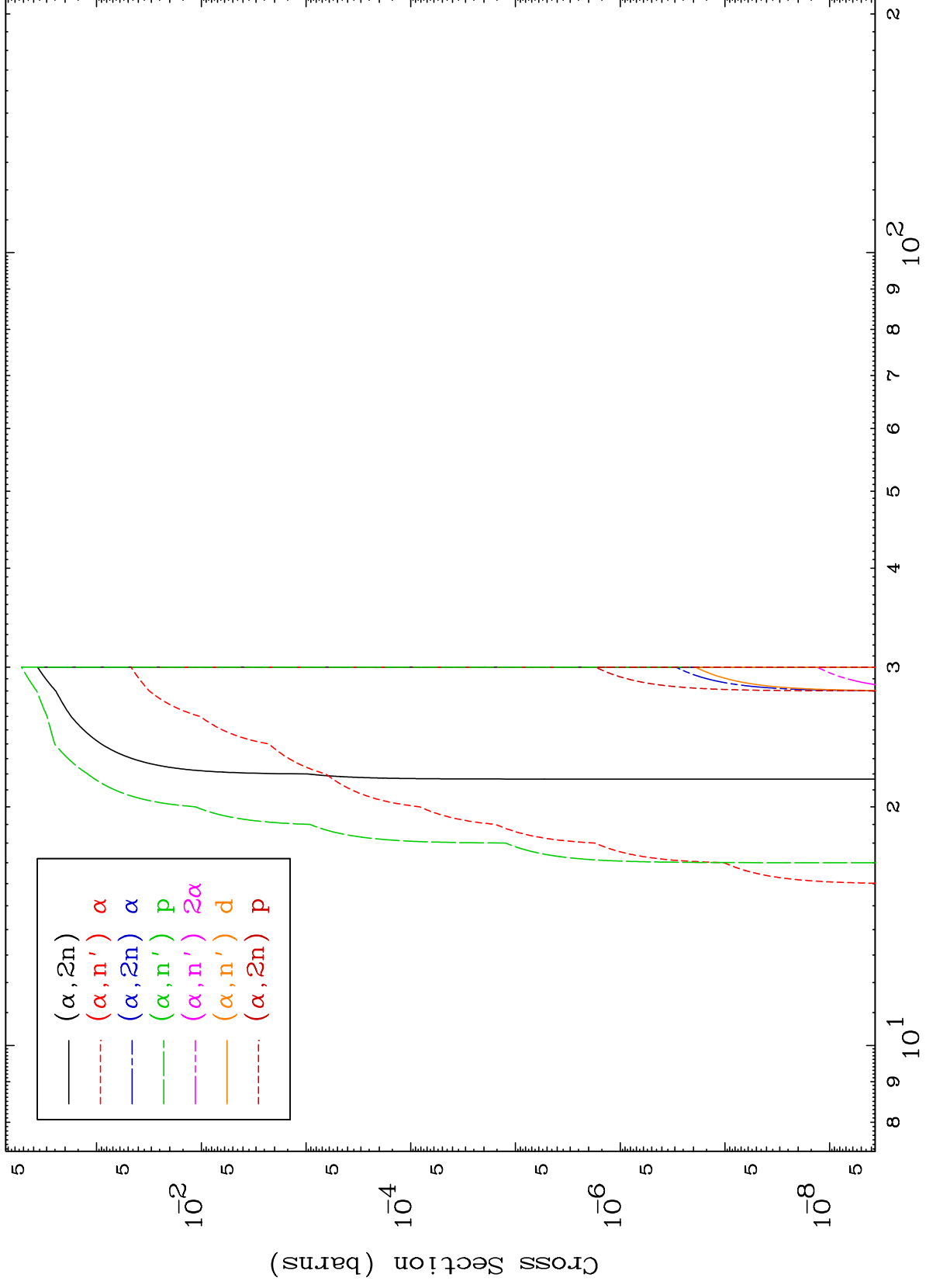
Incident Energy (MeV)

58-Ce-131

MAT 5811

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

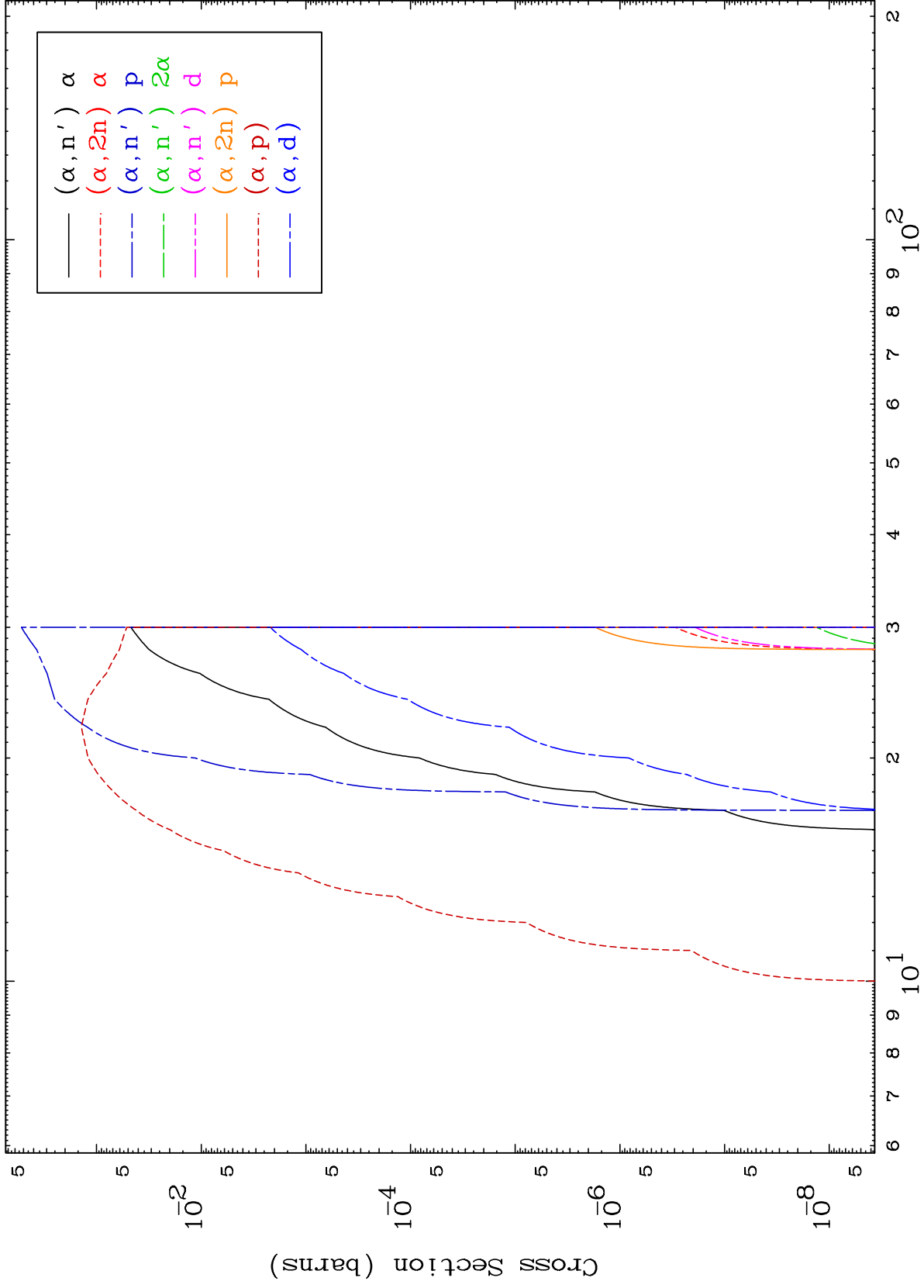
58-Ce-131



2

Incident Energy (MeV)

58-Ce-131

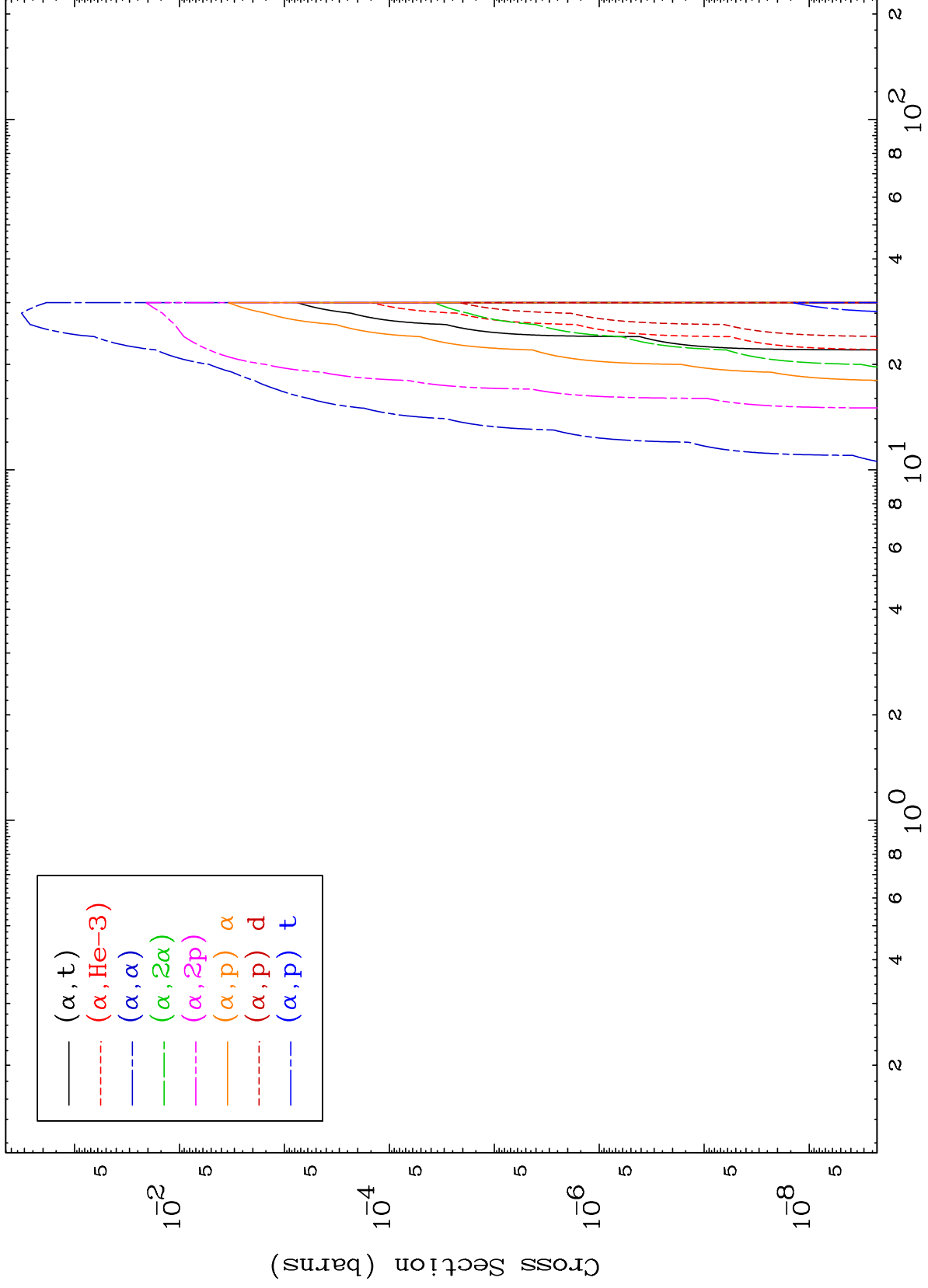


MAT 5811

$\alpha$  Charged Particle

58-Ce-131

0 Kelvin Cross Sections

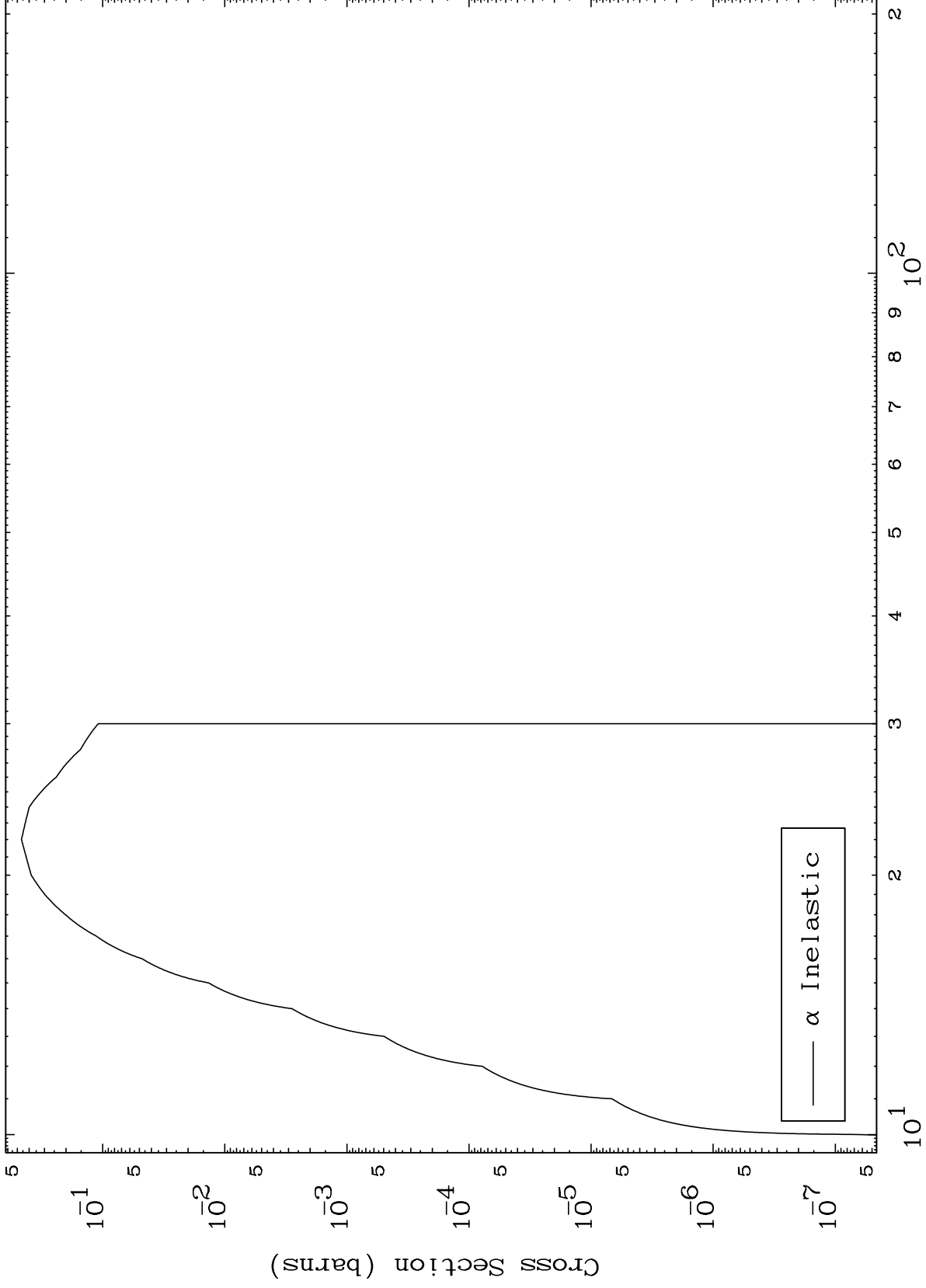


MAT 5811

( $\alpha, n'$ ) Level

58-Ce-131

0 Kelvin Cross Sections



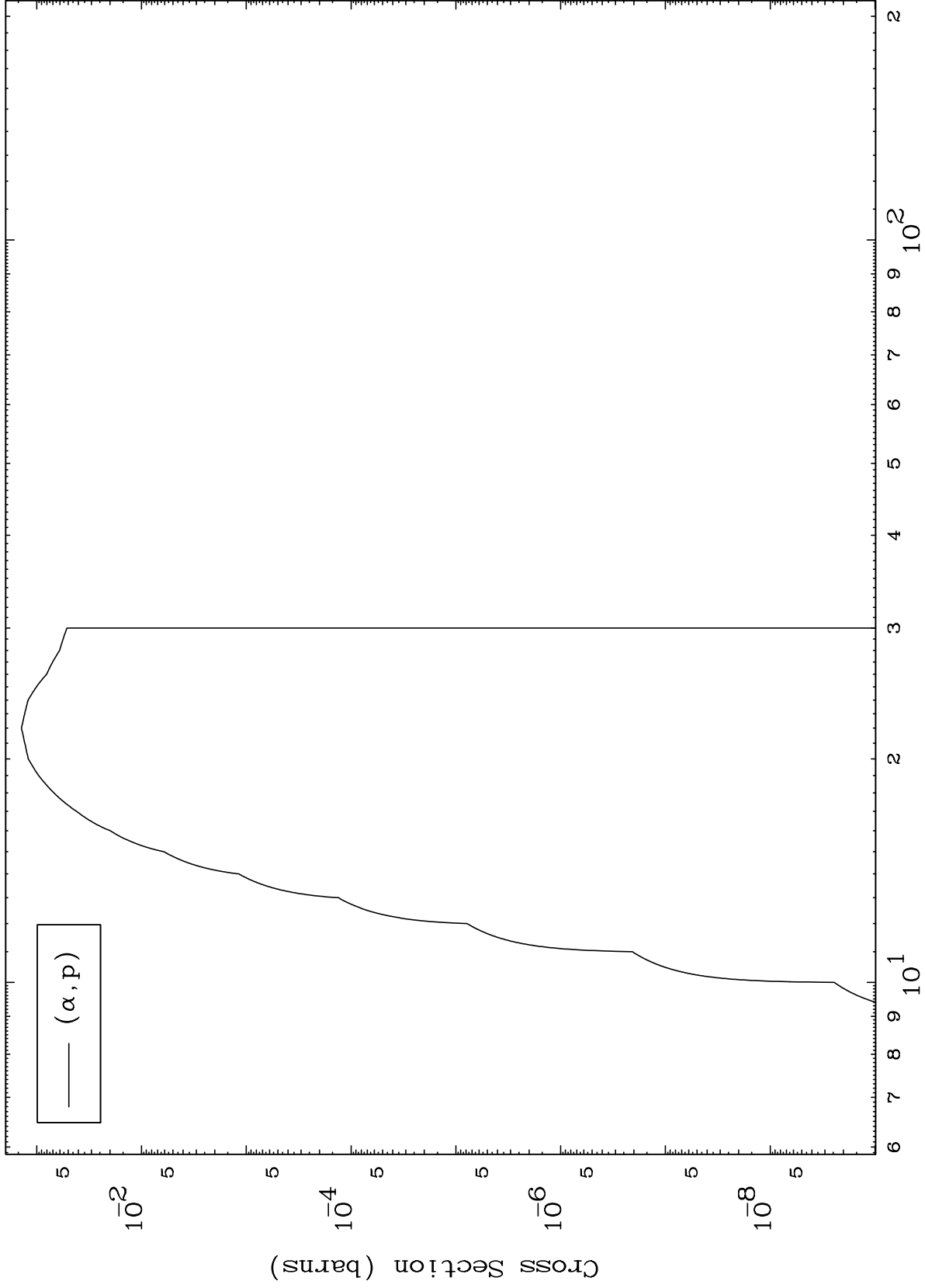
58-Ce-131

Incident Energy (MeV)

MAT 5811

58-Ce-131

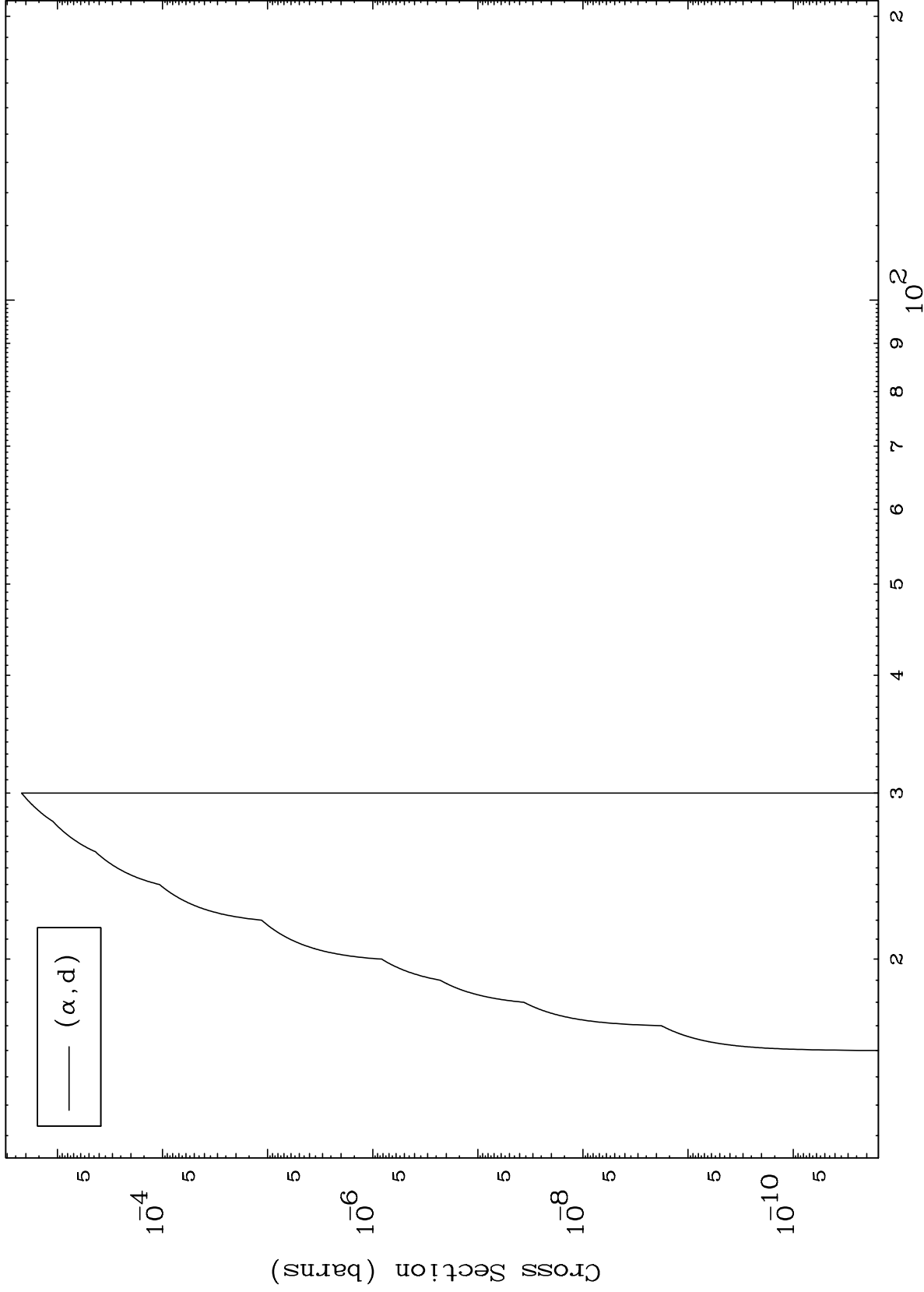
( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections



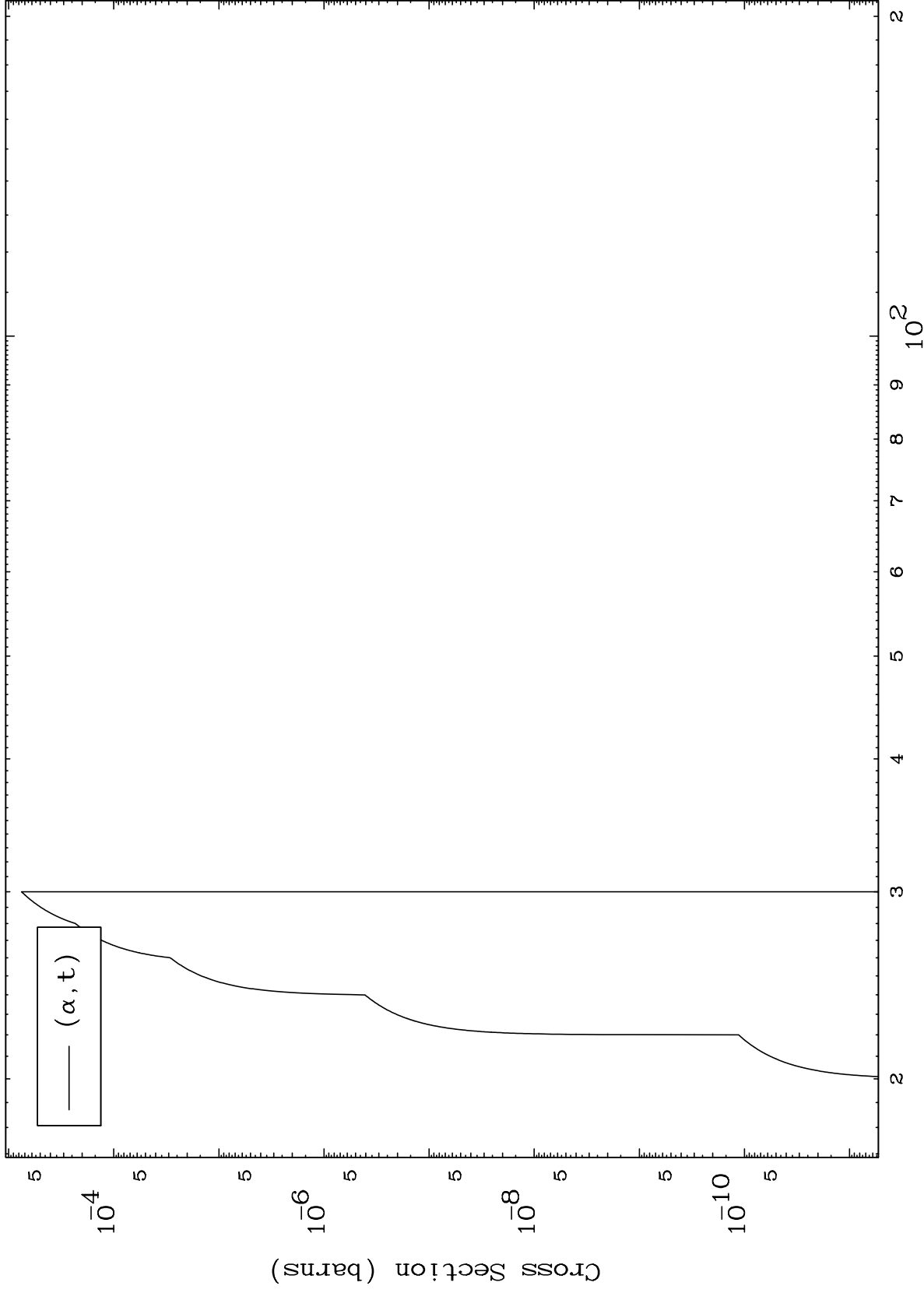
6

Incident Energy (MeV)

58-Ce-131



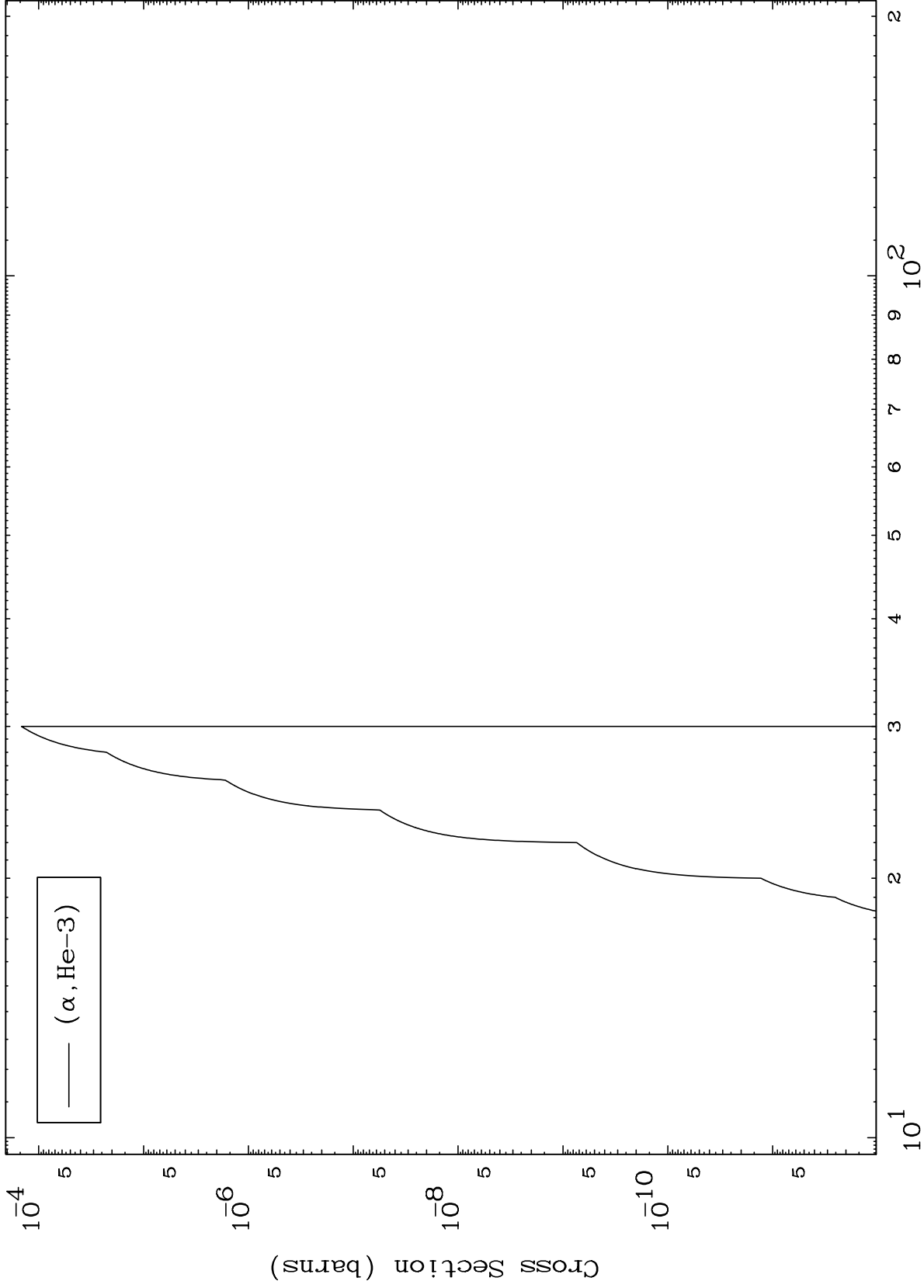




MAT 5811

58-Ce-131

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



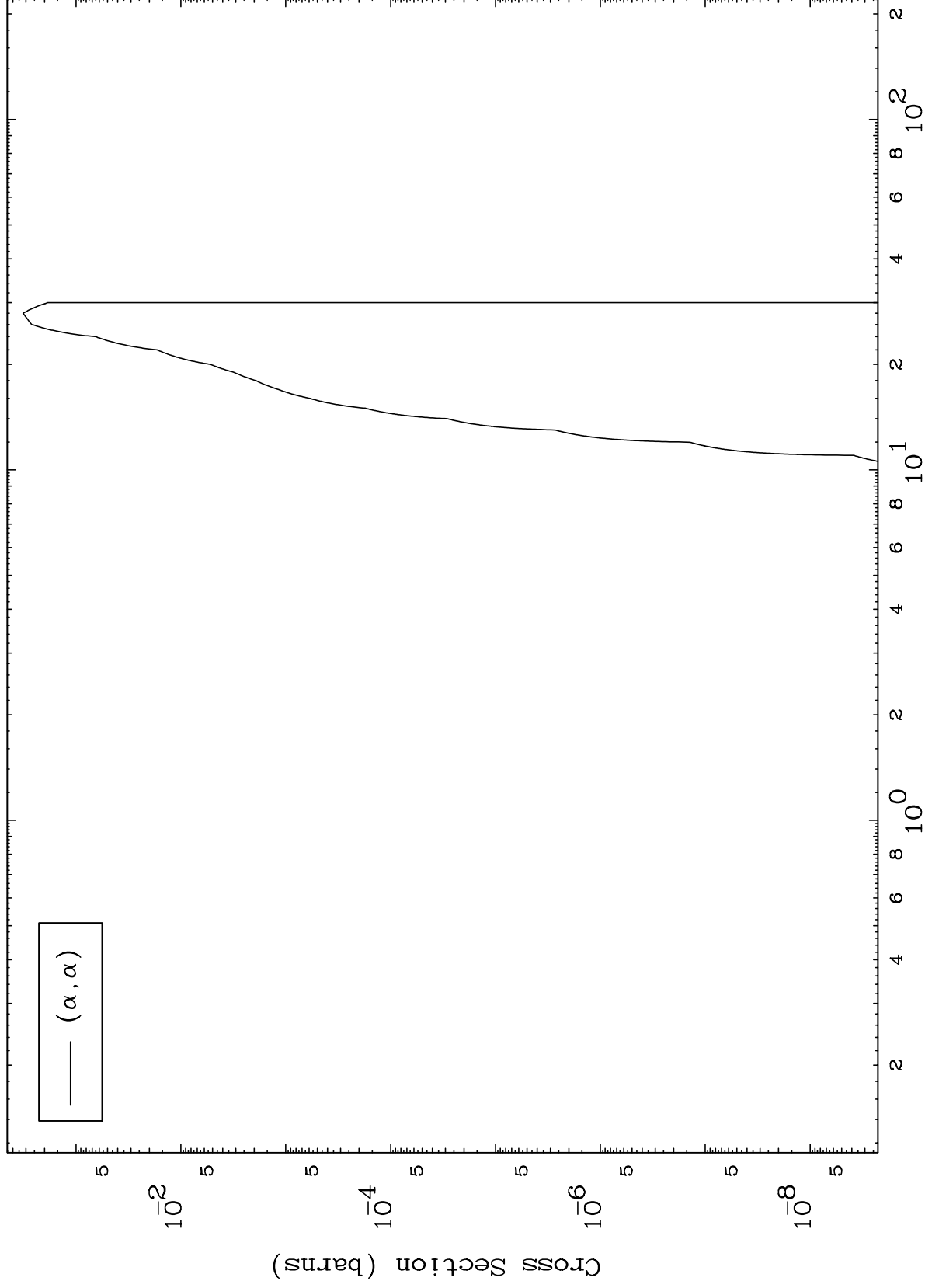
58-Ce-131

Incident Energy (MeV)

MAT 5811

58-Ce-131

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

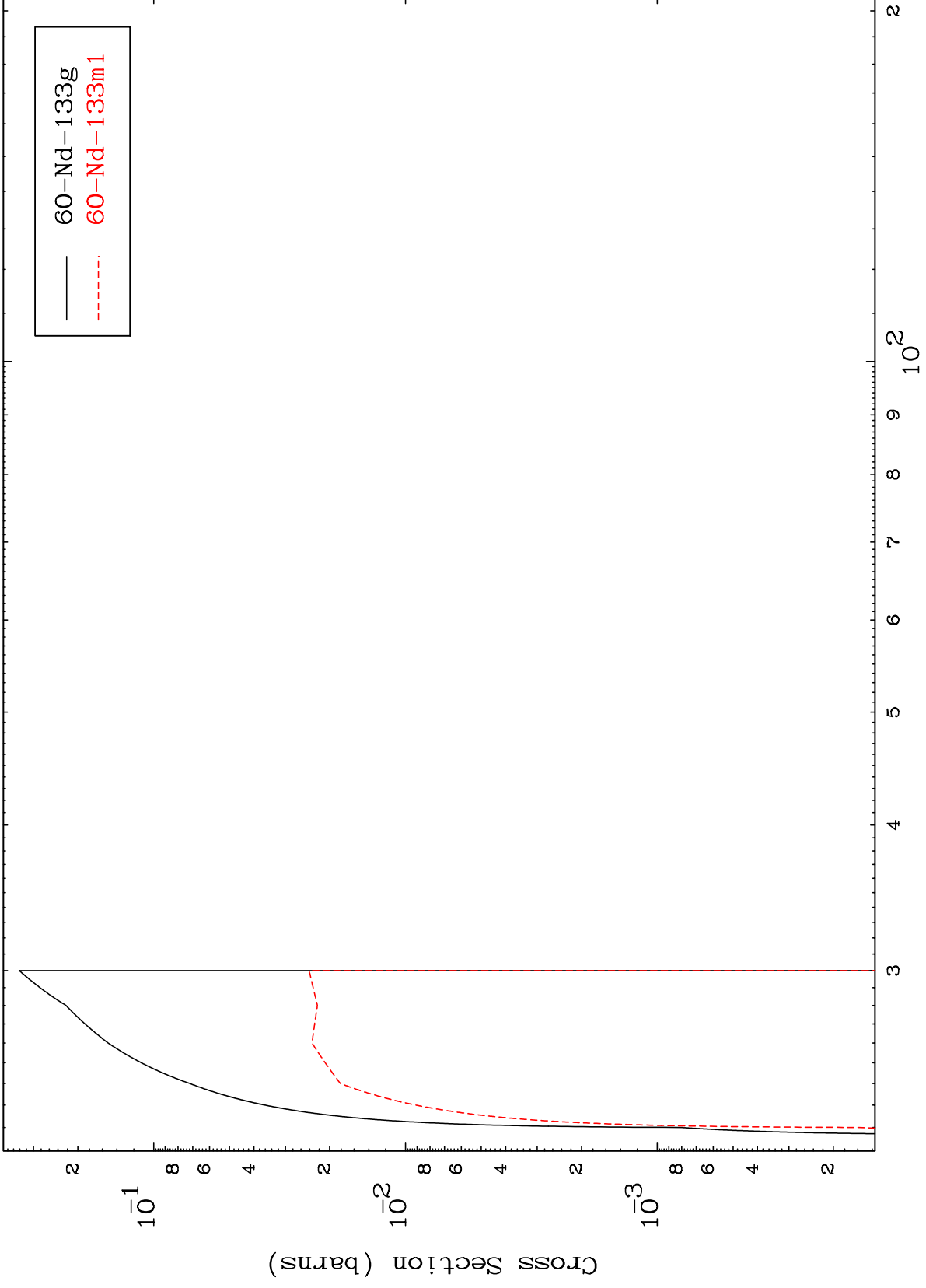


10

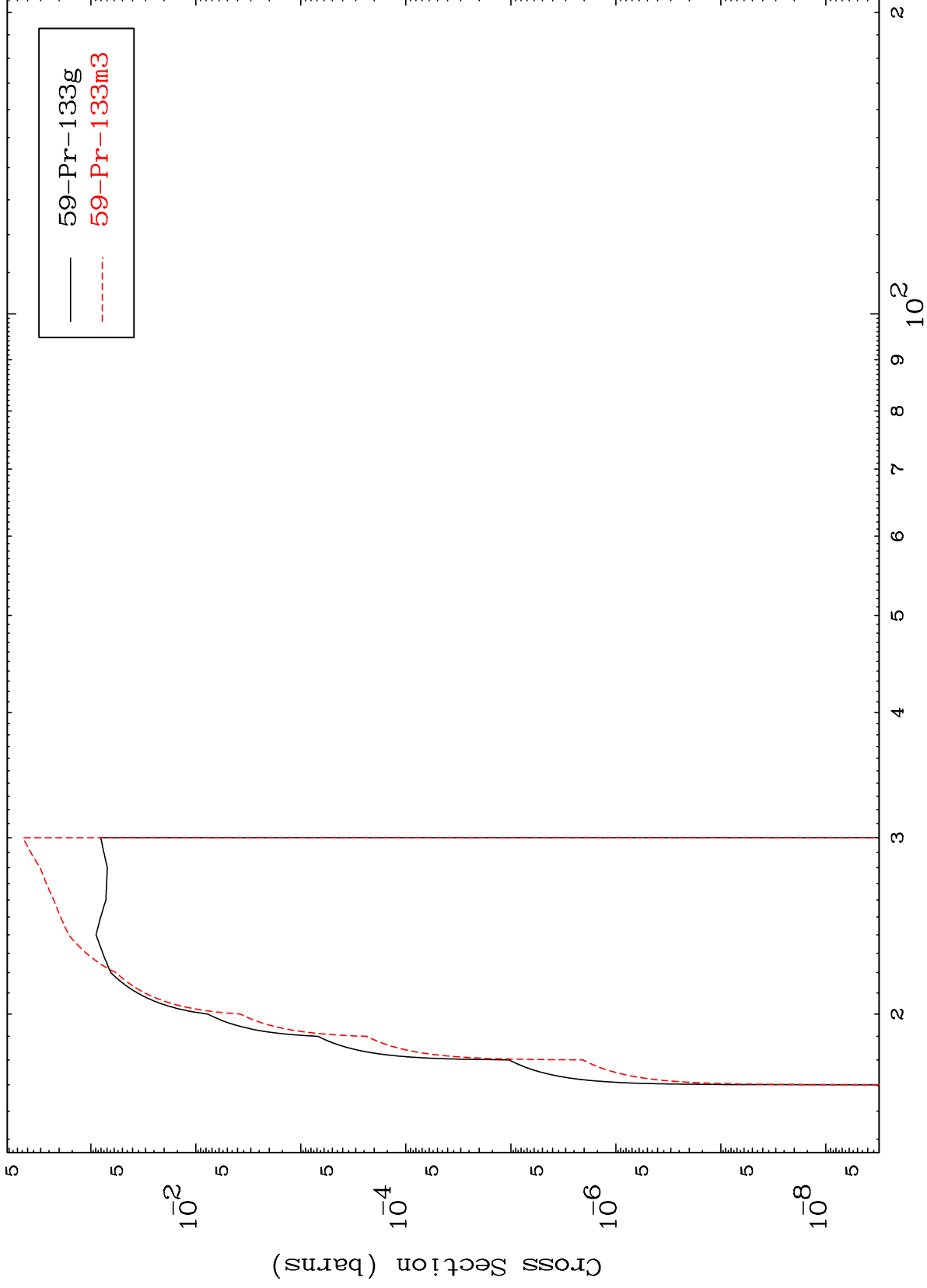
Incident Energy (MeV)

58-Ce-131

( $\alpha, 2n$ )  
Radionuclide Production Cross Section



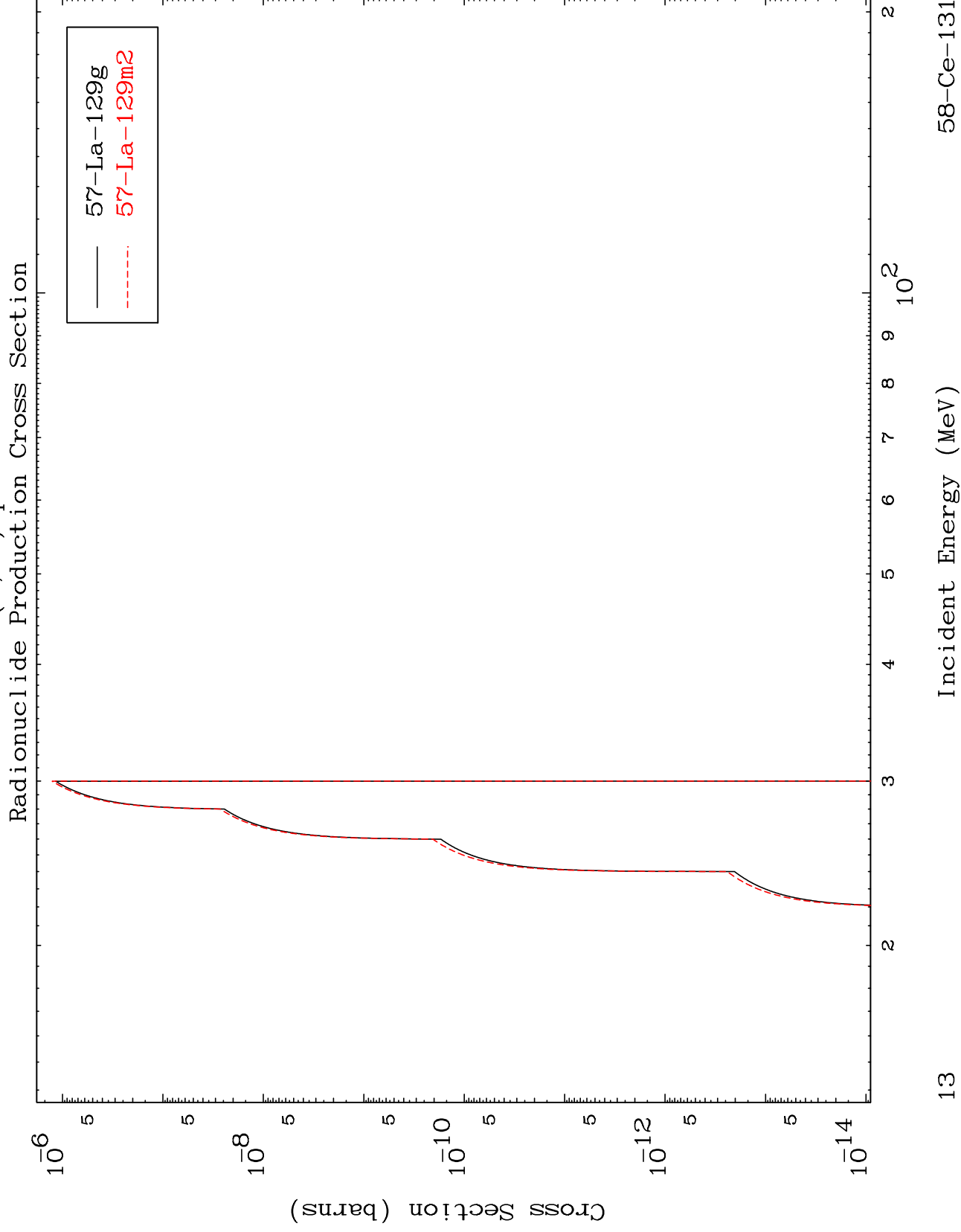
Radionuclide Production Cross Section



MAT 5811

$(\alpha, n')$  p  $\alpha$

58-Ce-131



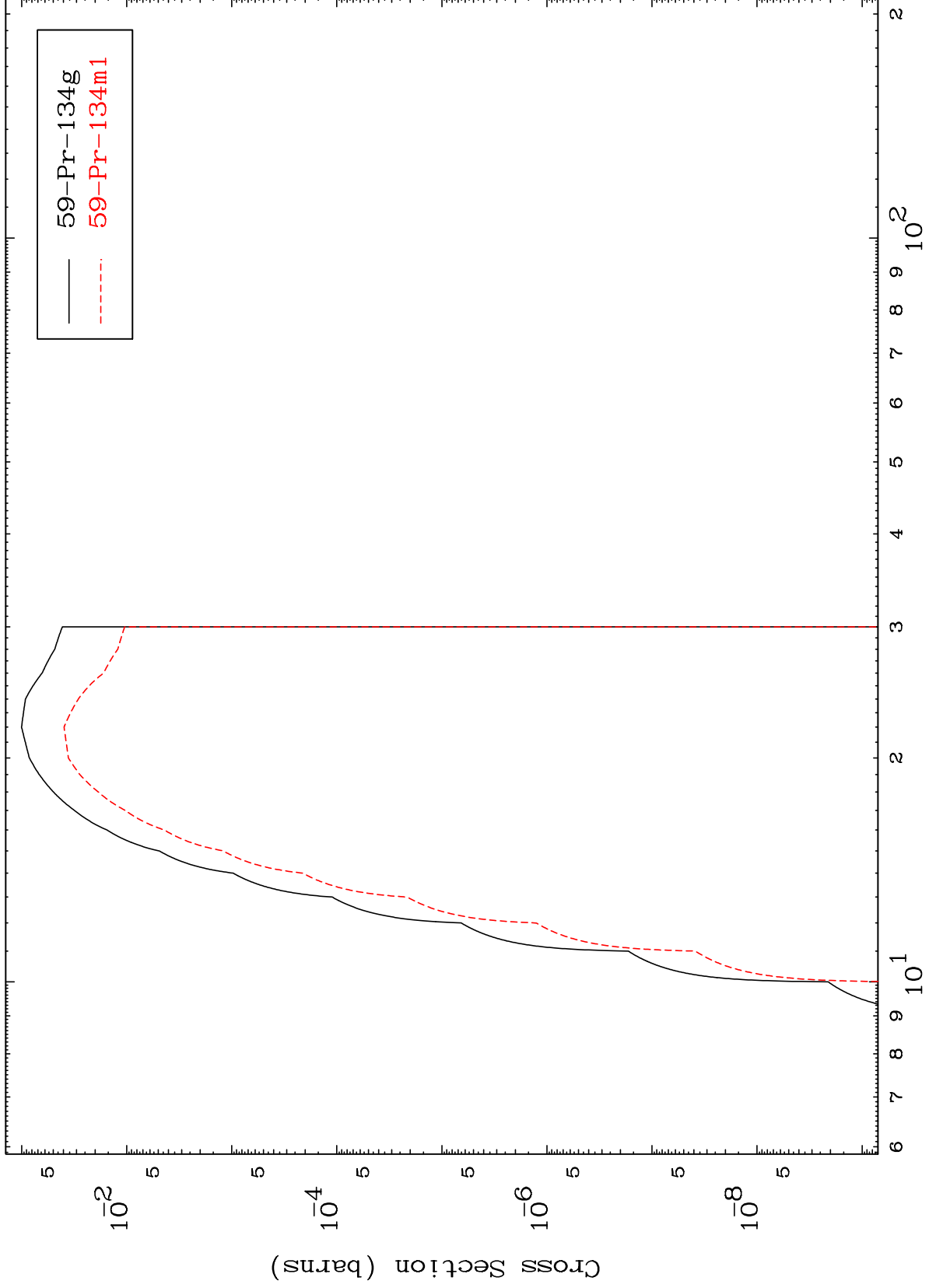
13

58-Ce-131

MAT 5811

58-Ce-131

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



14

Incident Energy (MeV)

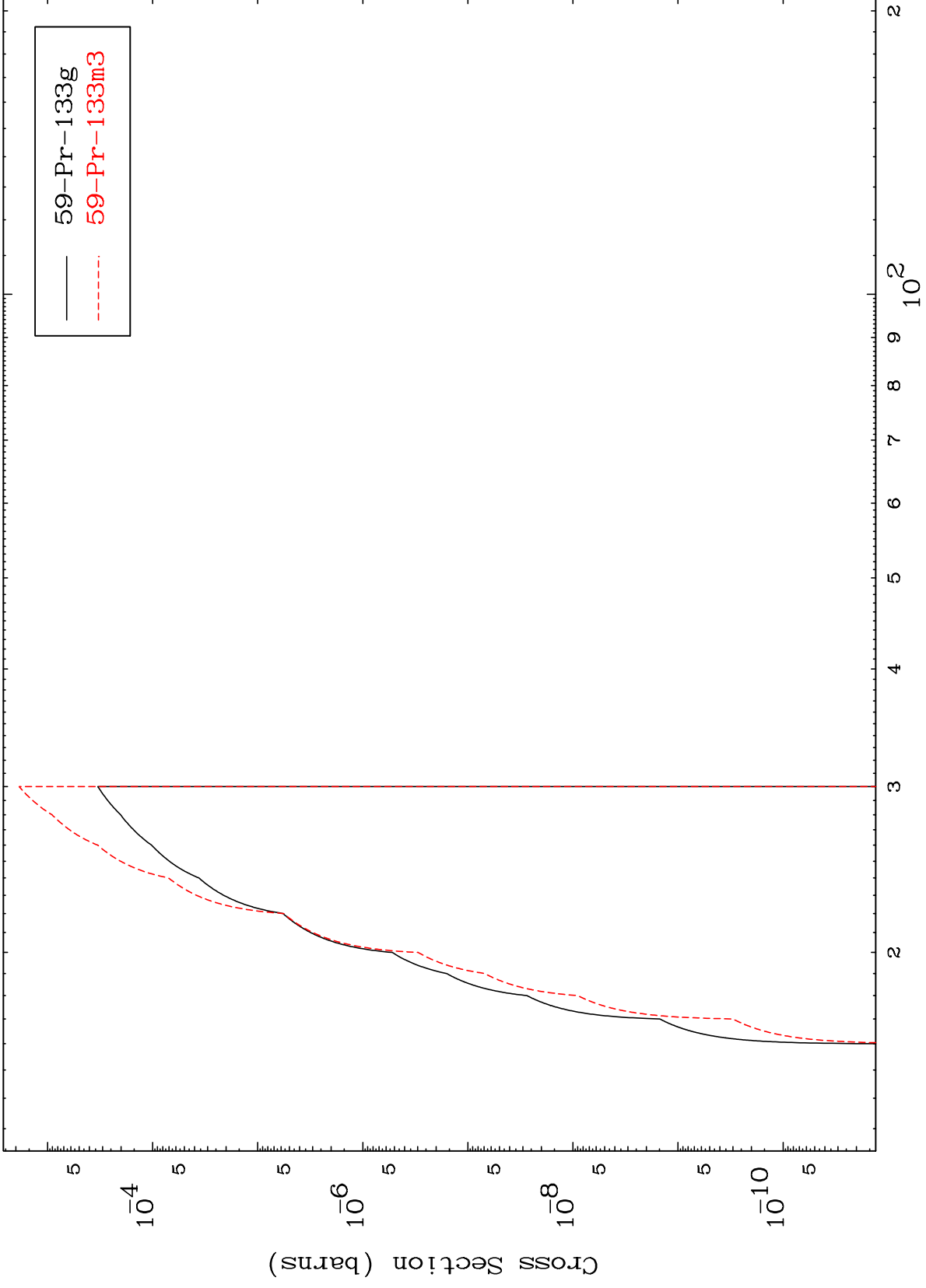
58-Ce-131

MAT 5811

( $\alpha, d$ )

58-Ce-131

Radionuclide Production Cross Section



15

Incident Energy (MeV)

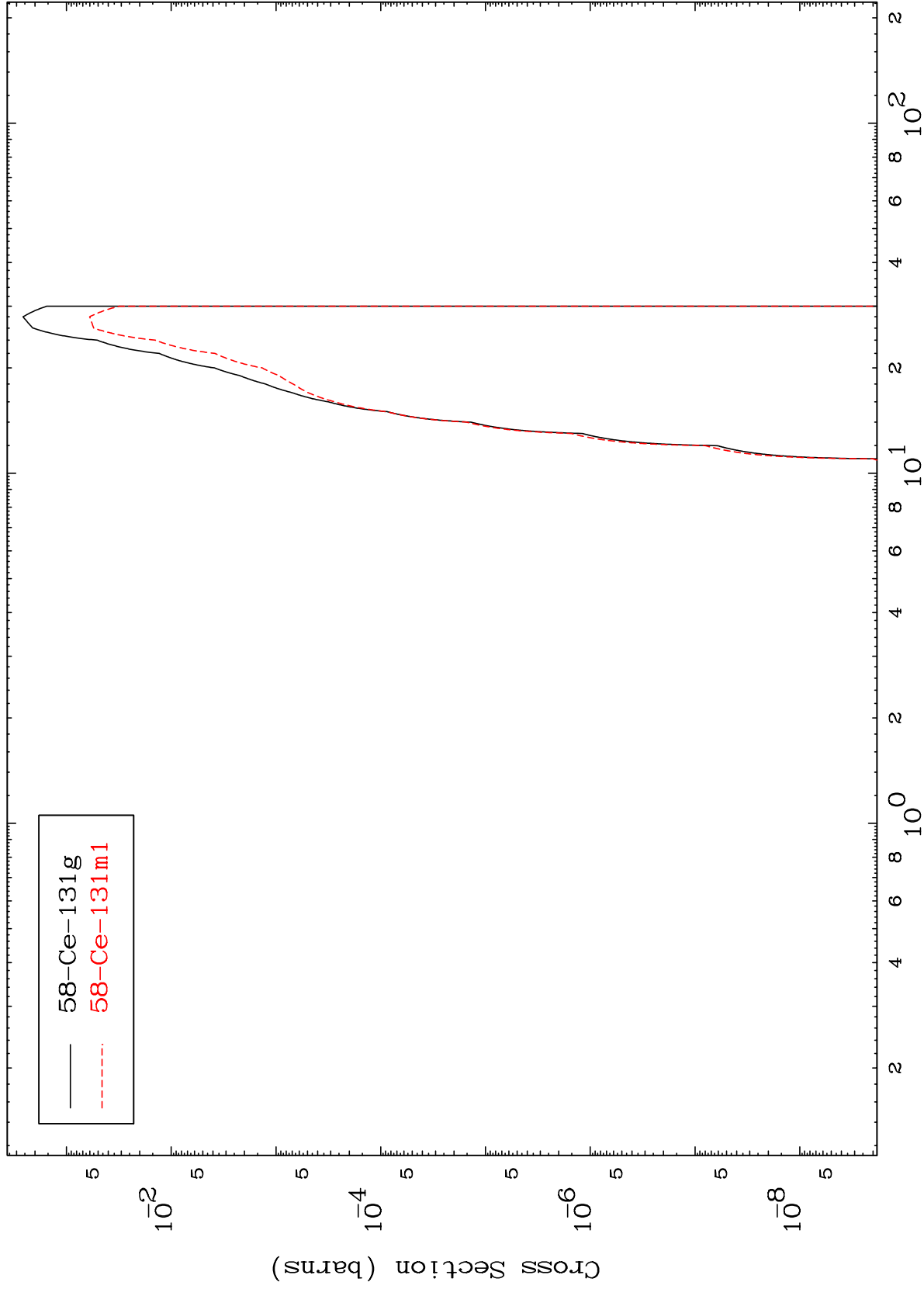
58-Ce-131



MAT 5811

58-Ce-131

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



16

Incident Energy (MeV)

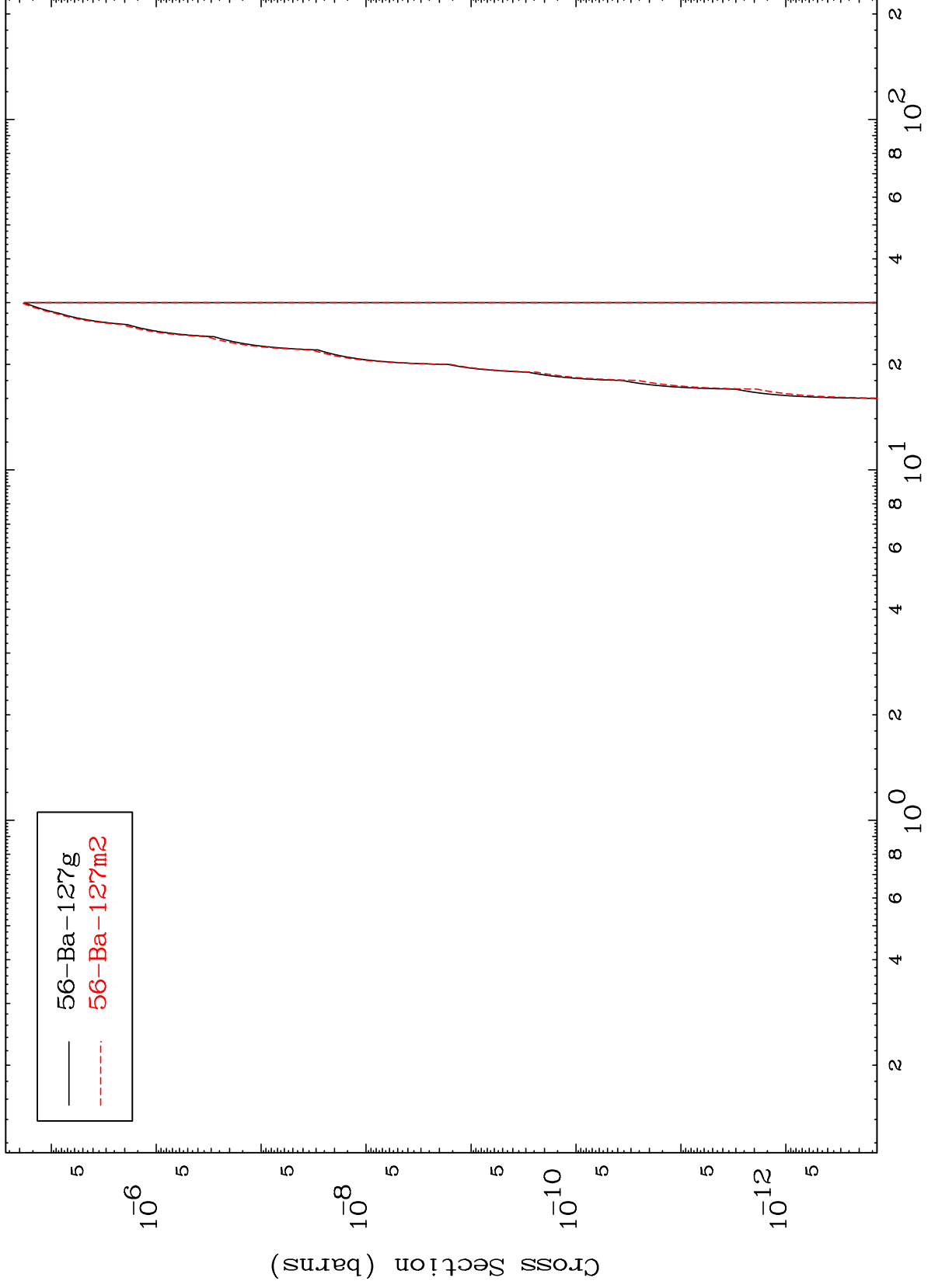
58-Ce-131

MAT 5811

( $\alpha, 2\alpha$ )

58-Ce-131

Radionuclide Production Cross Section



17

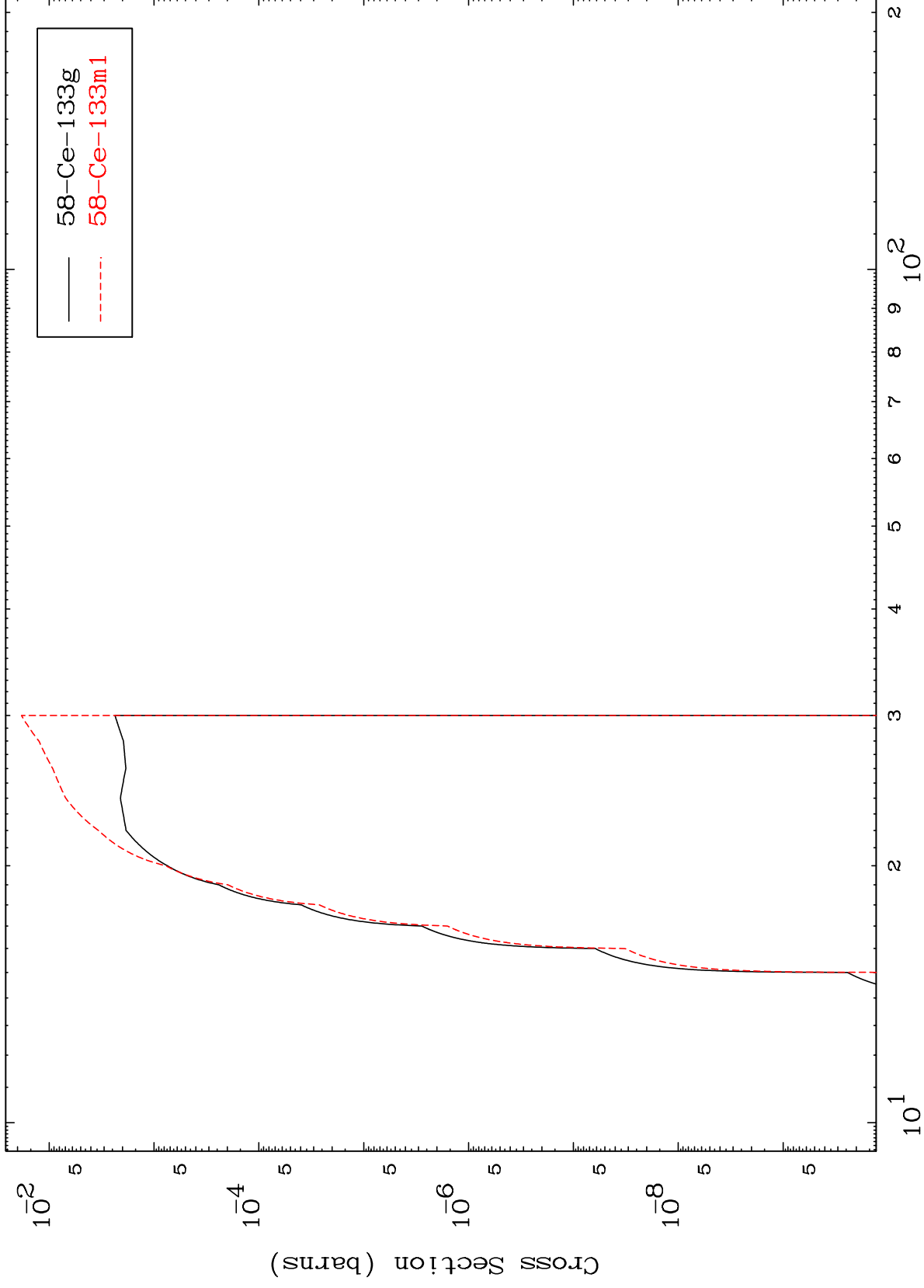
Incident Energy (MeV)

58-Ce-131

MAT 5811

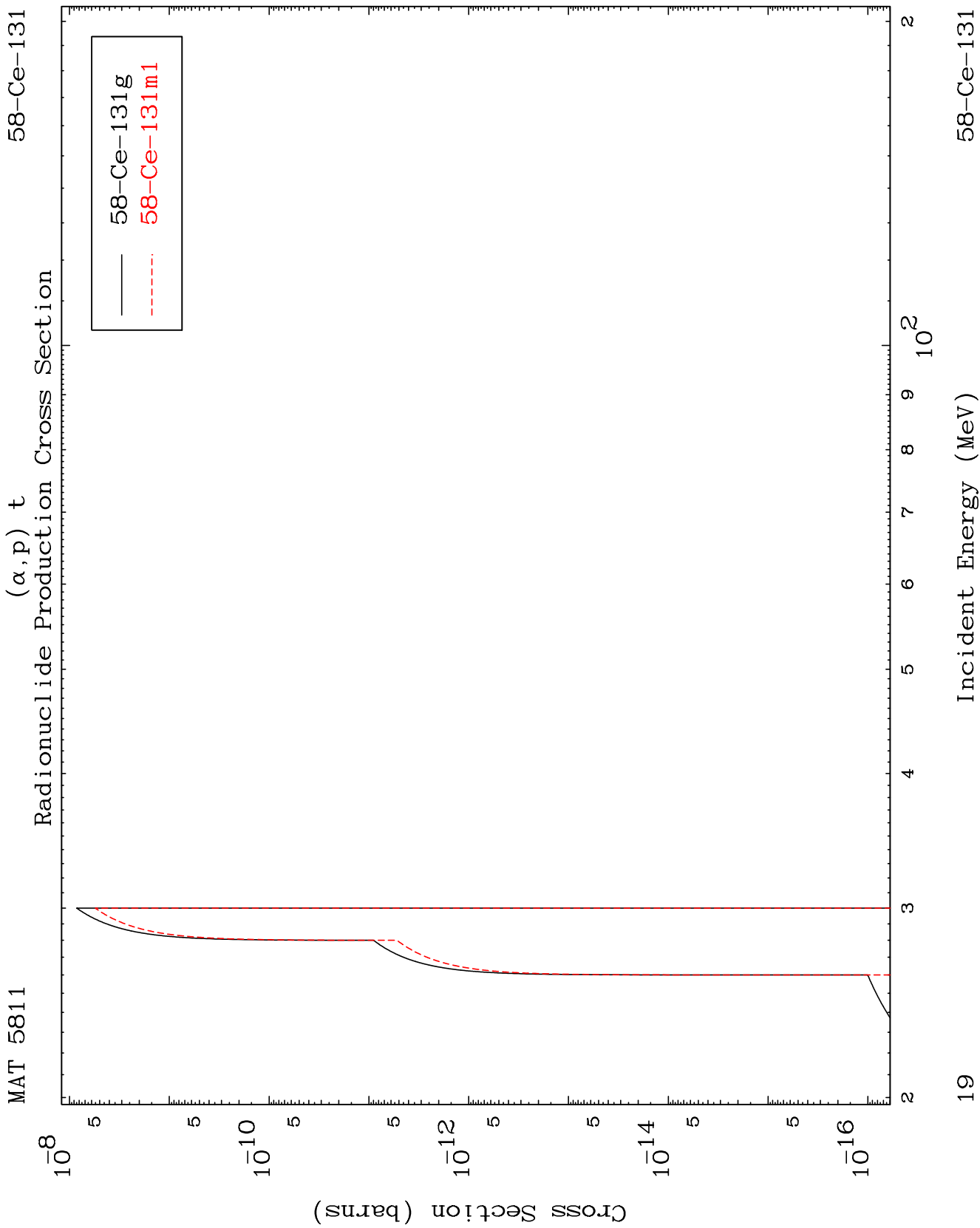
58-Ce-131

( $\alpha, 2p$ )  
Radionuclide Production Cross Section



58-Ce-131

Incident Energy (MeV)



Radionuclide Production Cross Section

