

Program EVALPLOT  
(Version 2018-1)

by

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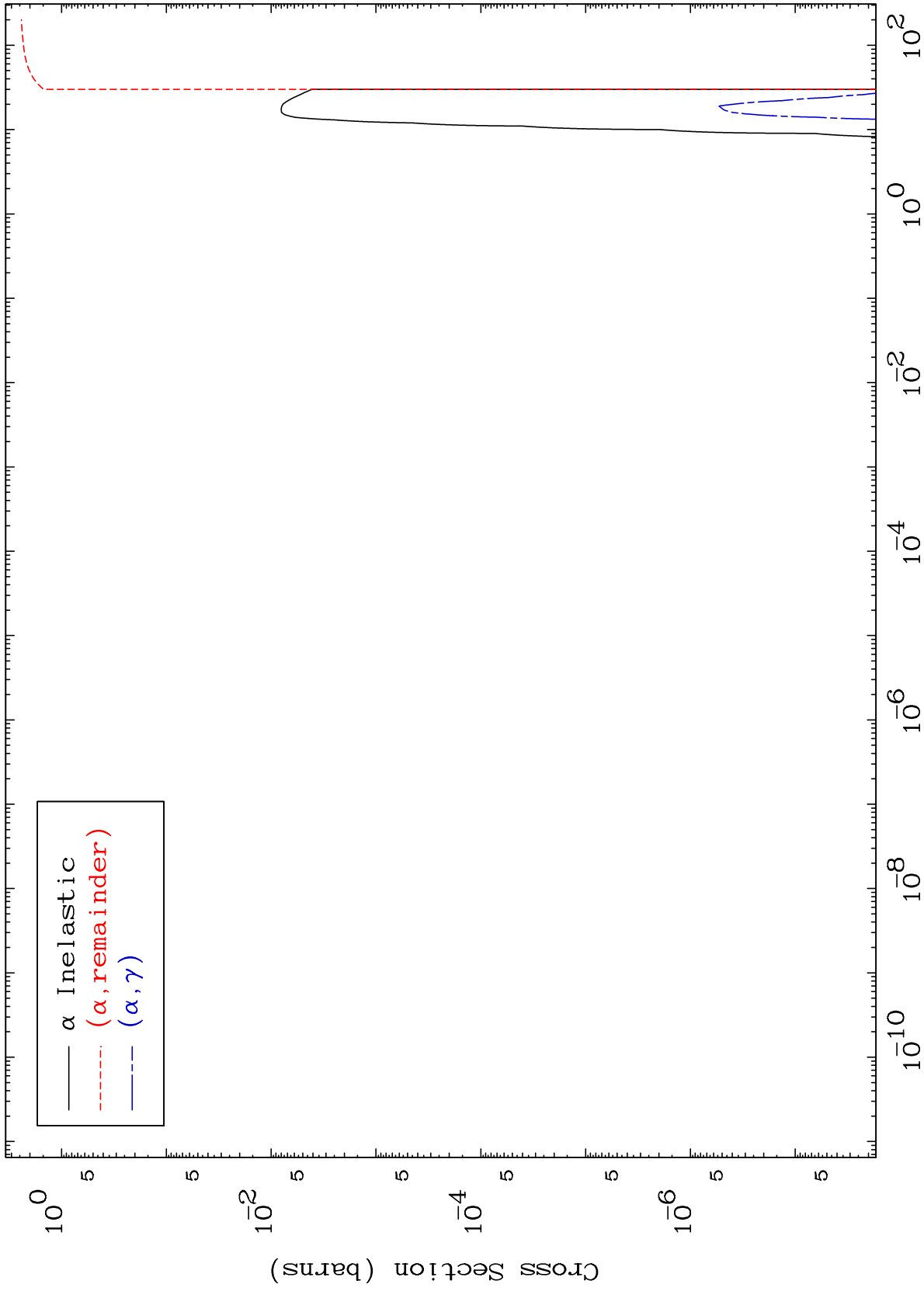
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5746

0 Kelvin  $\alpha$  Major  
Cross Sections

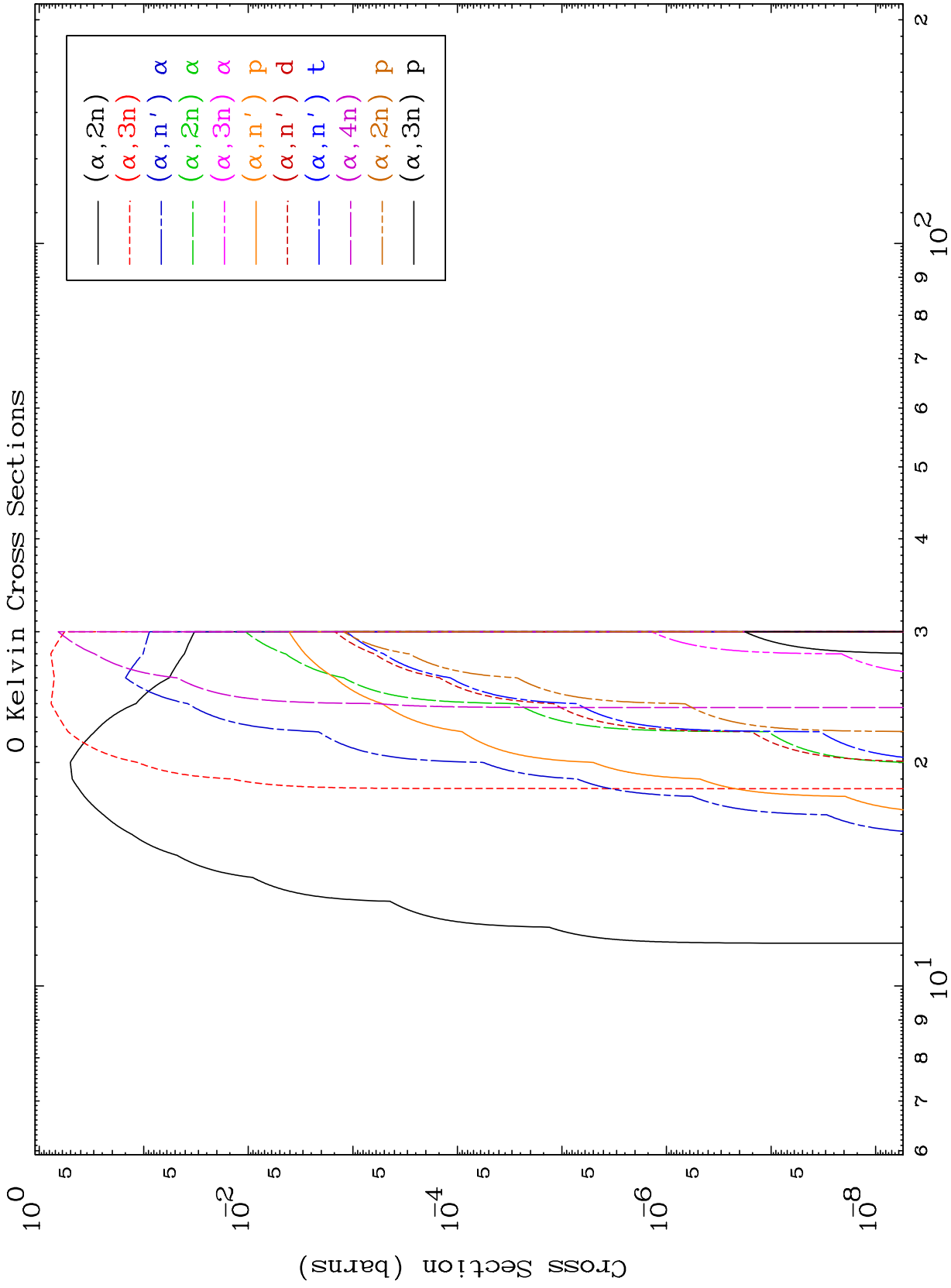
57-La-145



MAT 5746

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

57-La-145



2

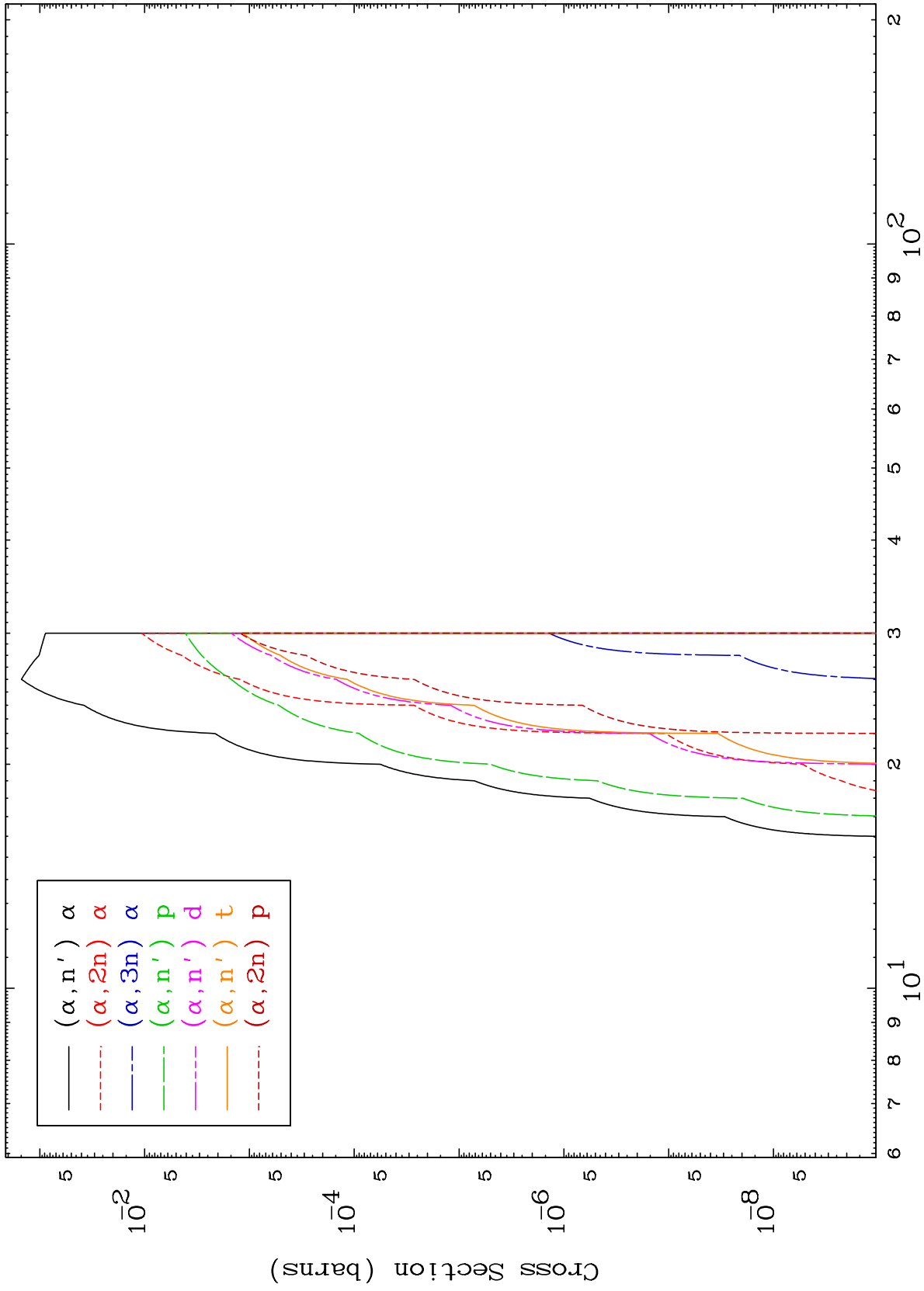
Incident Energy (MeV)

57-La-145

MAT 5746

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

57-La-145



3

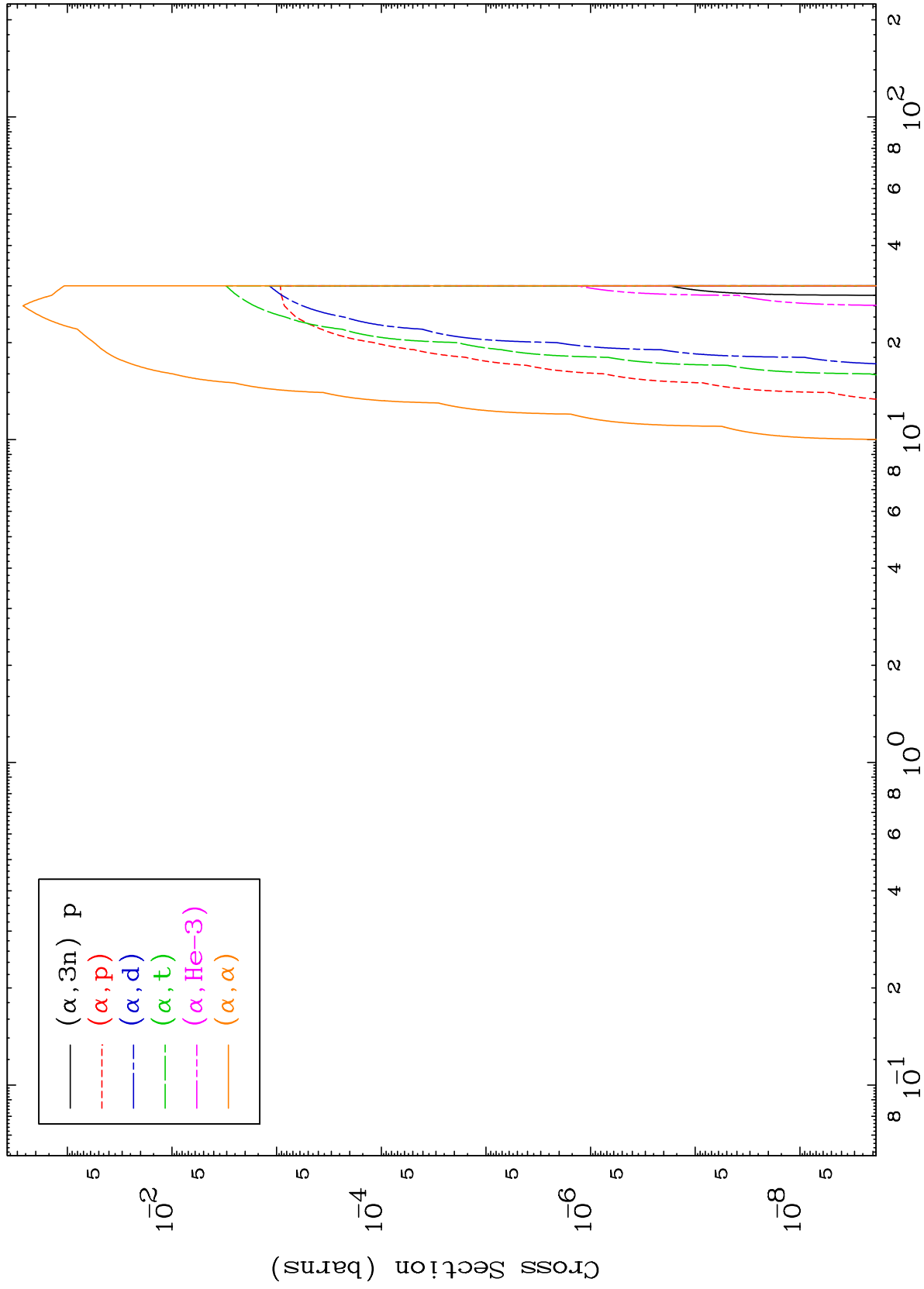
Incident Energy (MeV)

57-La-145

MAT 5746

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

57-La-145



4

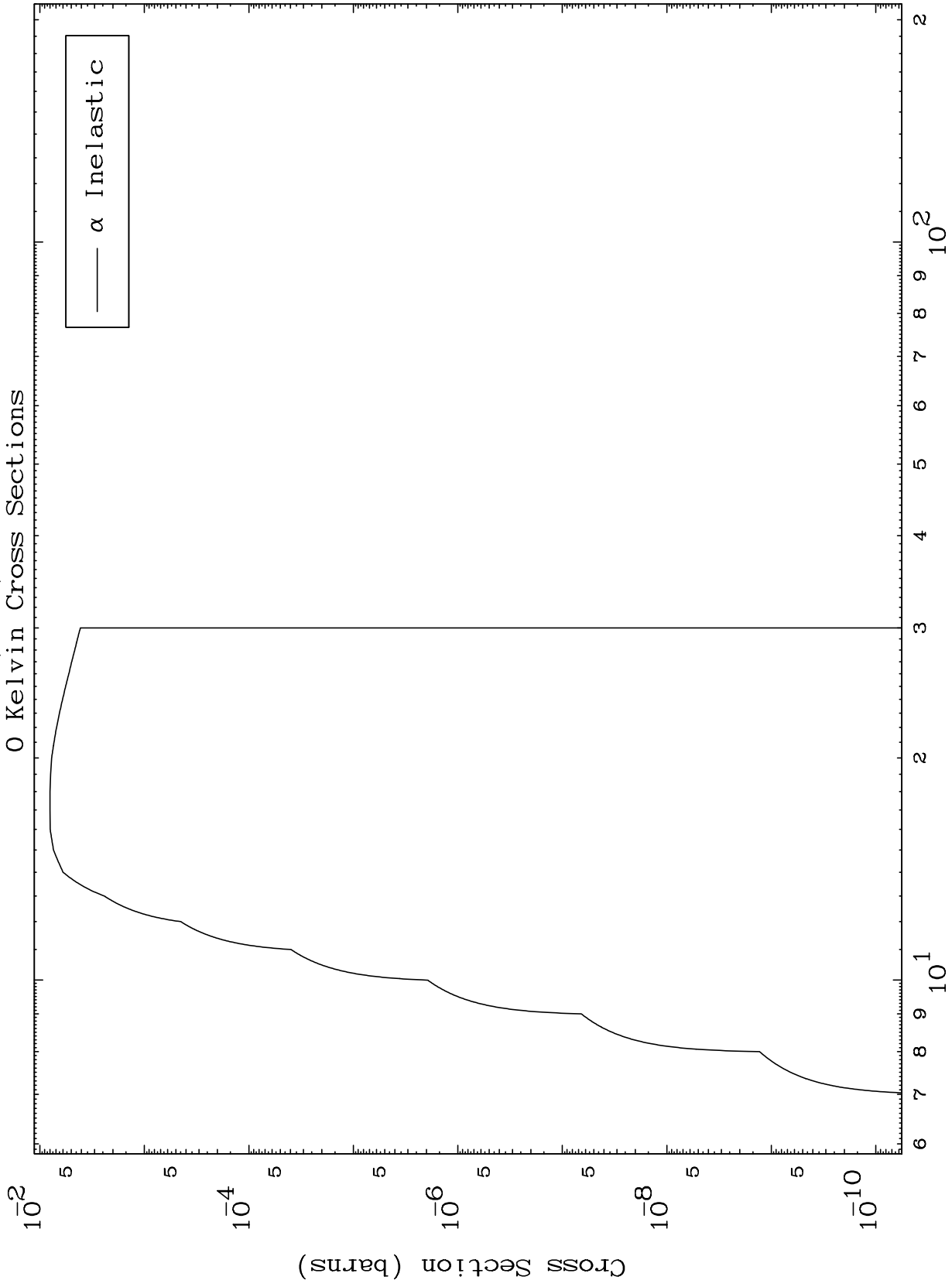
Incident Energy (MeV)

57-La-145

MAT 5746

( $\alpha, n'$ ) Level  
0 Kelvin Cross Sections

57-La-145



5

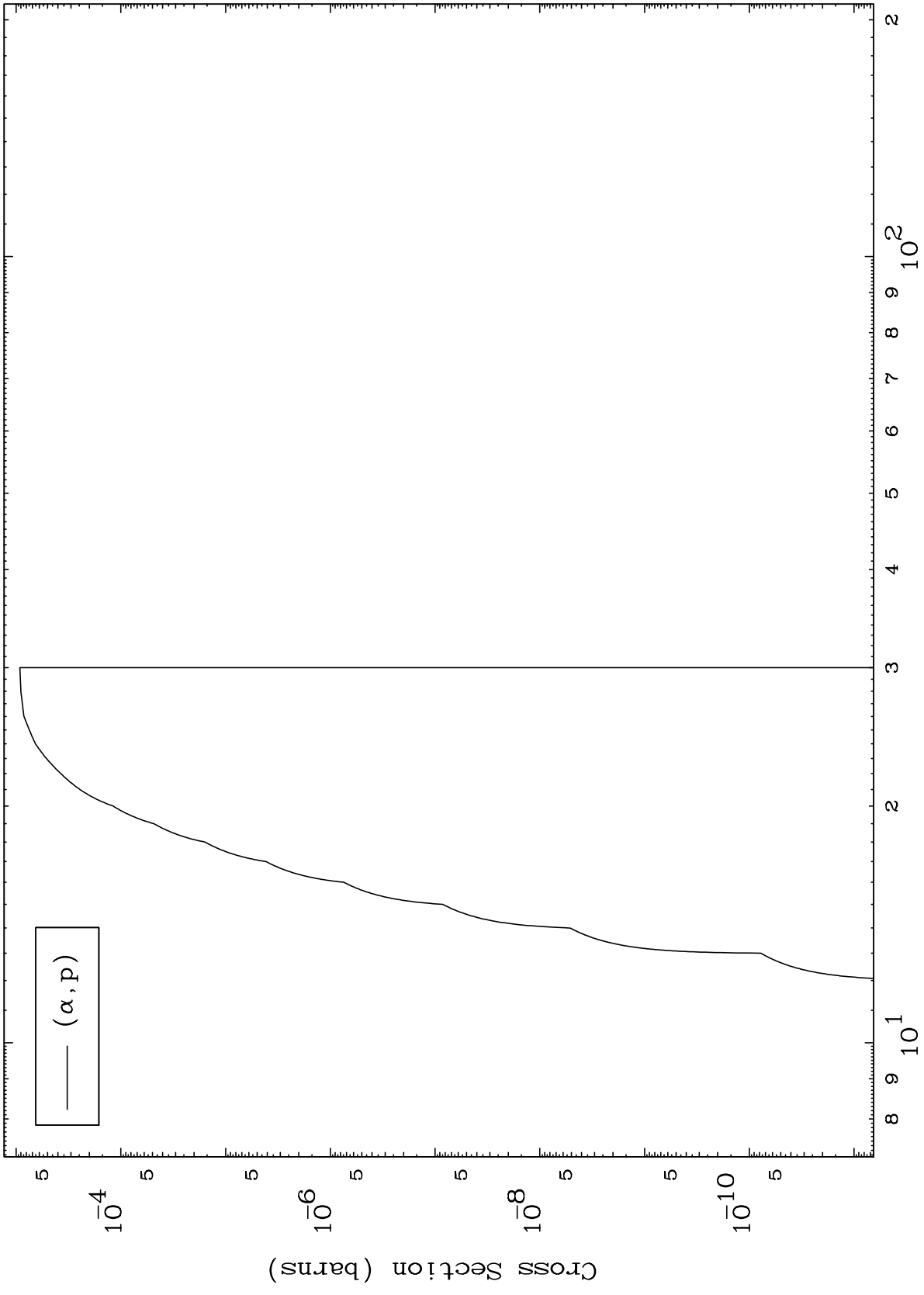
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



6

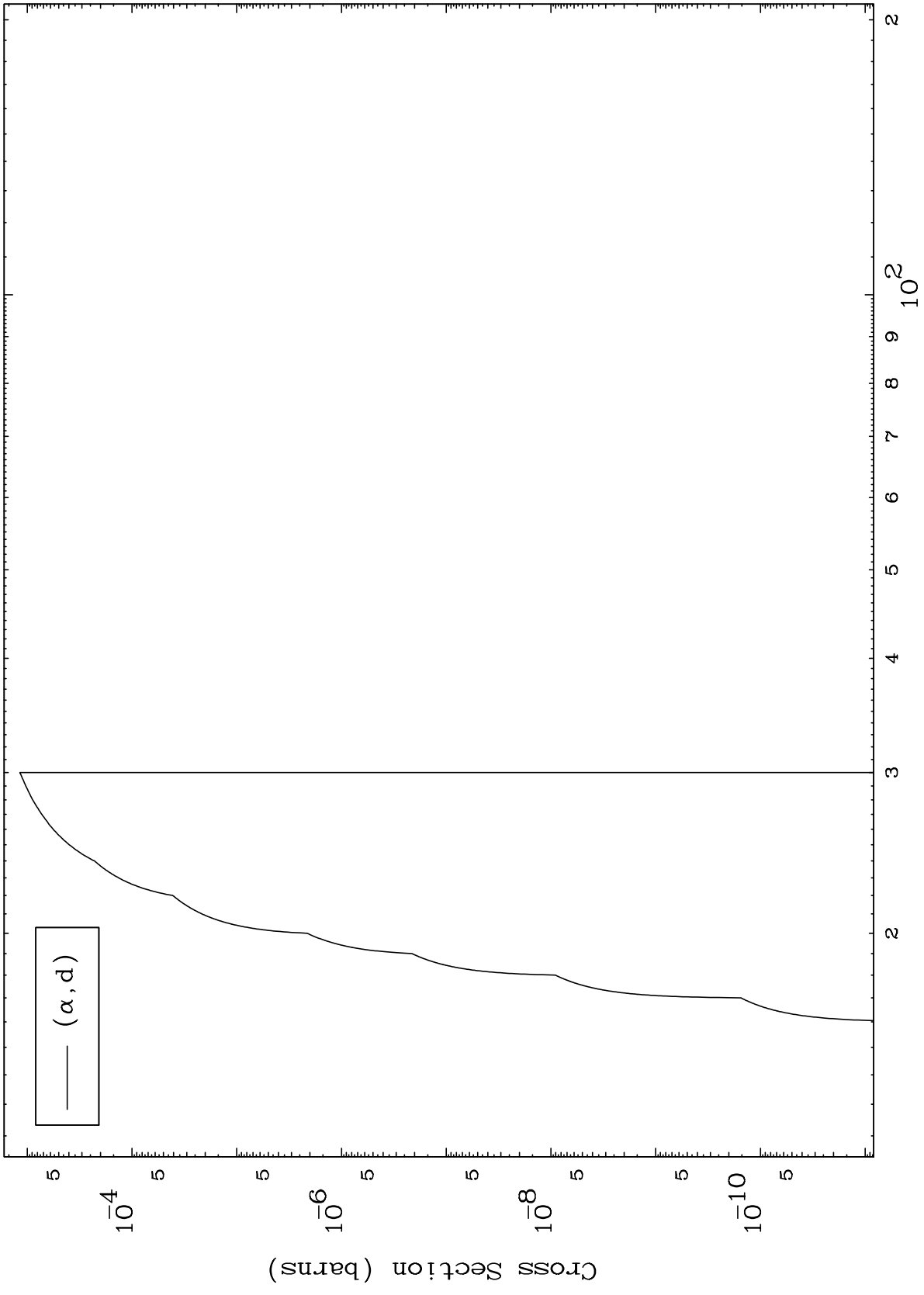
Incident Energy (MeV)

57-La-145

MAT 5746

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

57-La-145



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Incident Energy (MeV)

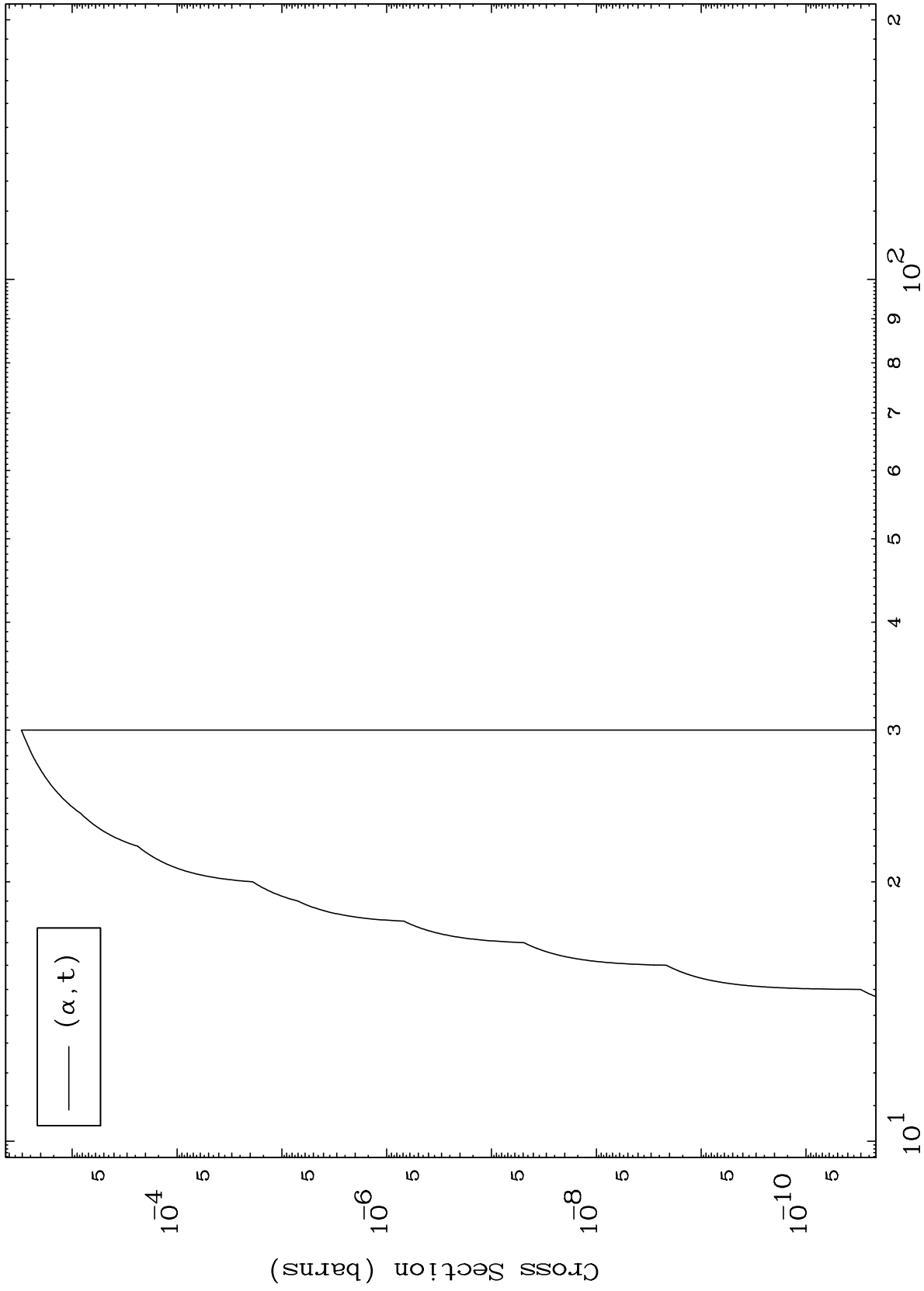
57-La-145



MAT 5746

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

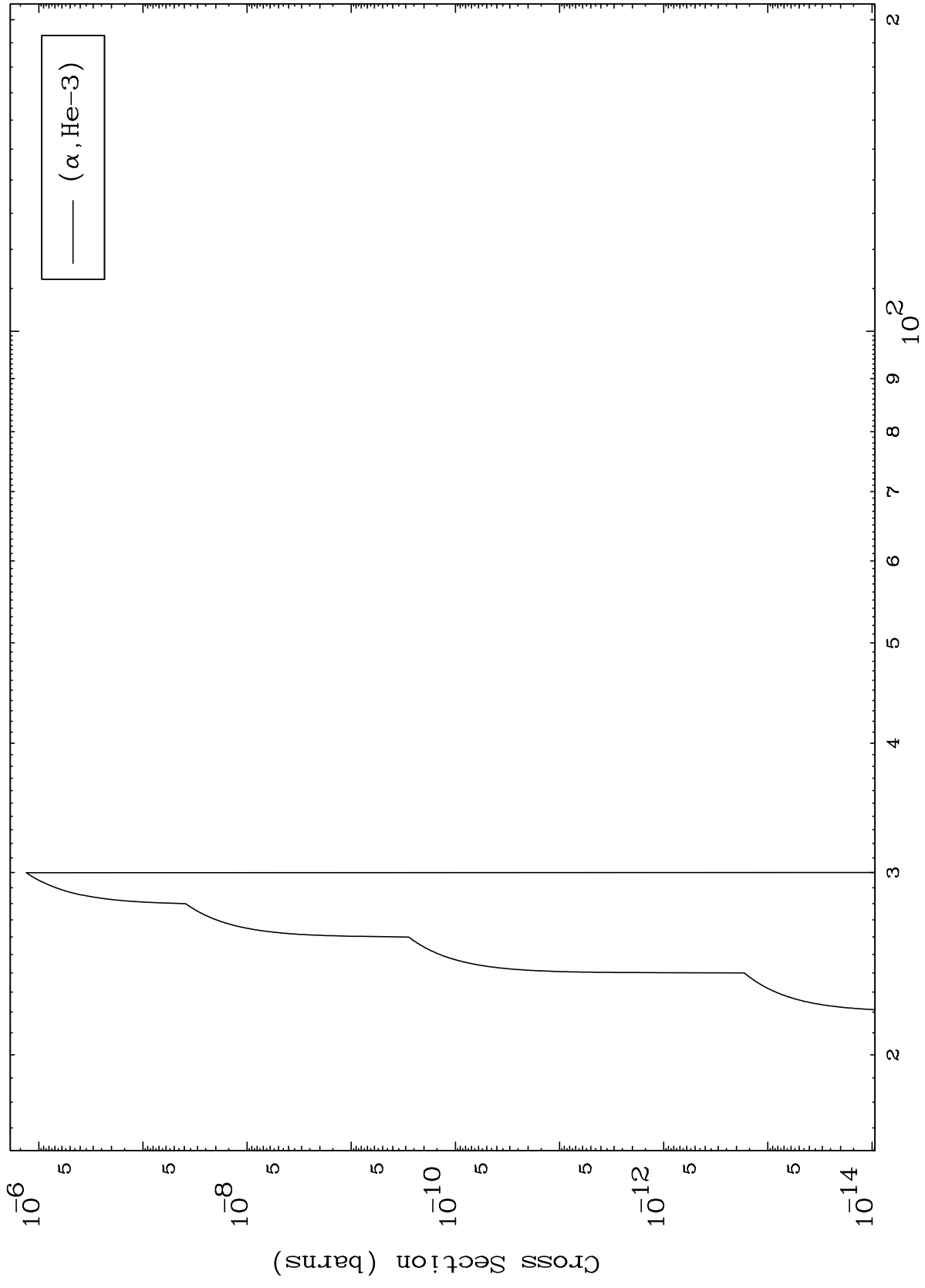
57-La-145



8

Incident Energy (MeV)

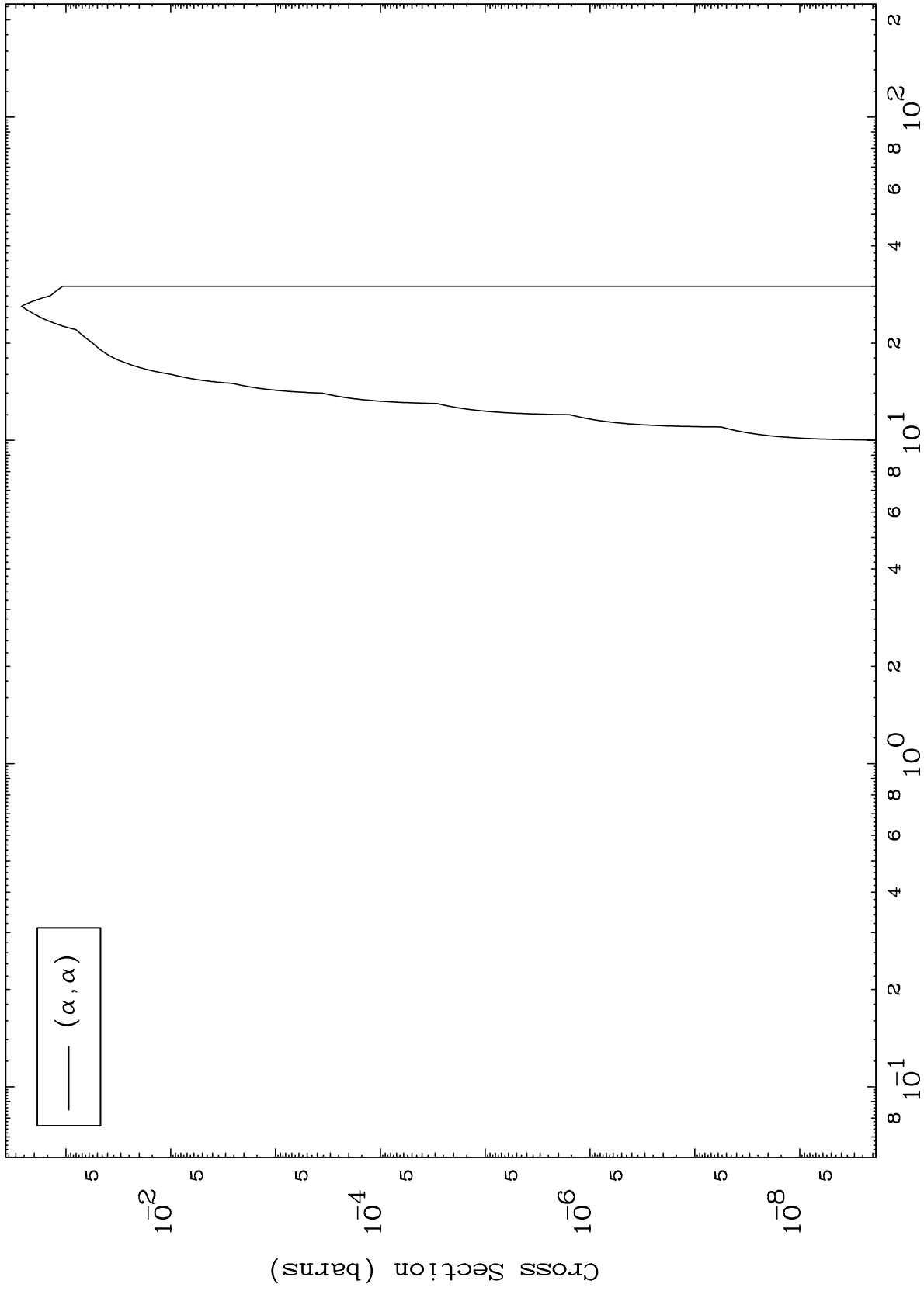
57-La-145



MAT 5746

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

57-La-145



10

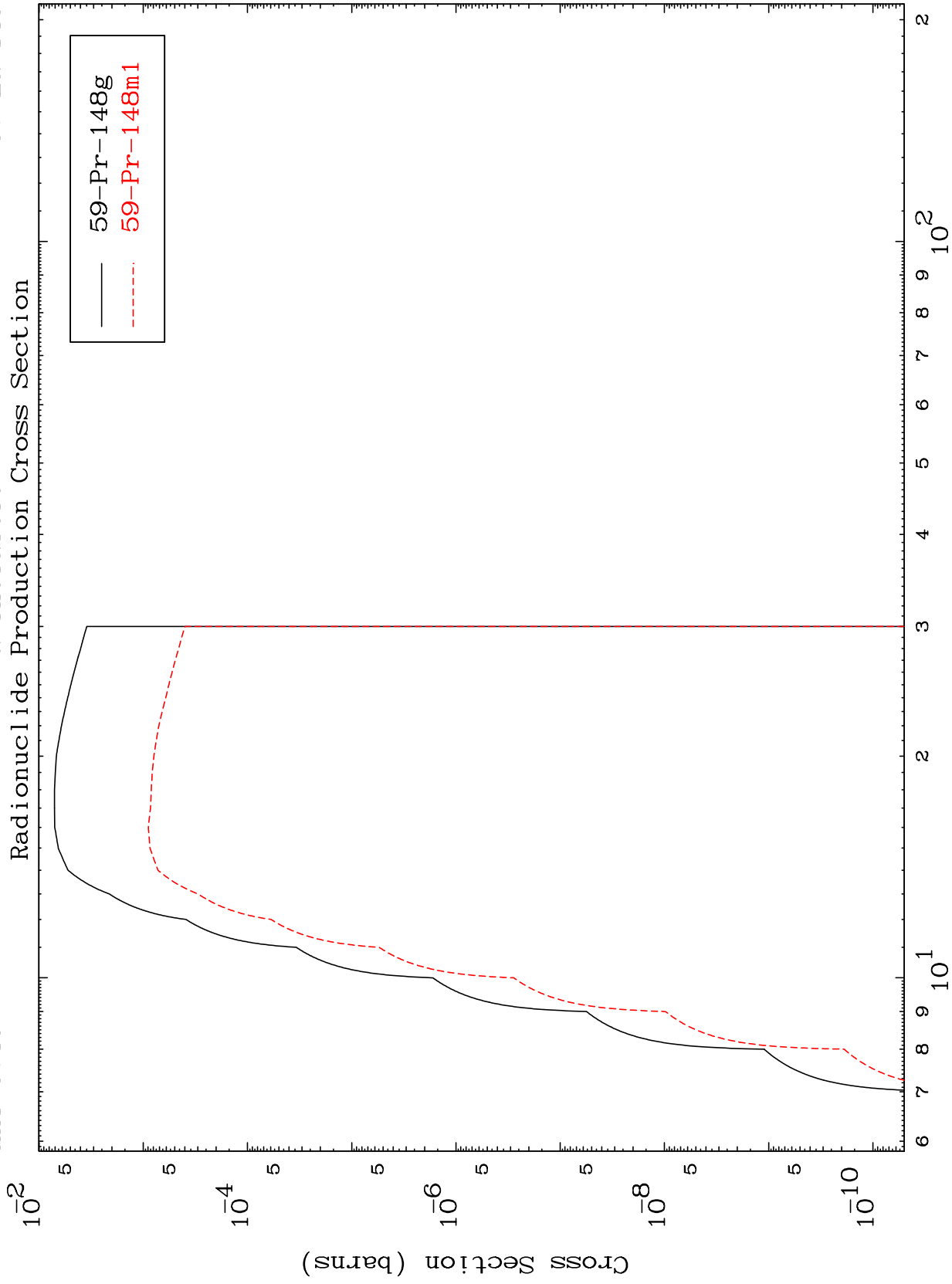
Incident Energy (MeV)

57-La-145

MAT 5746

57-La-145

$\alpha$  Inelastic  
Radionuclide Production Cross Section



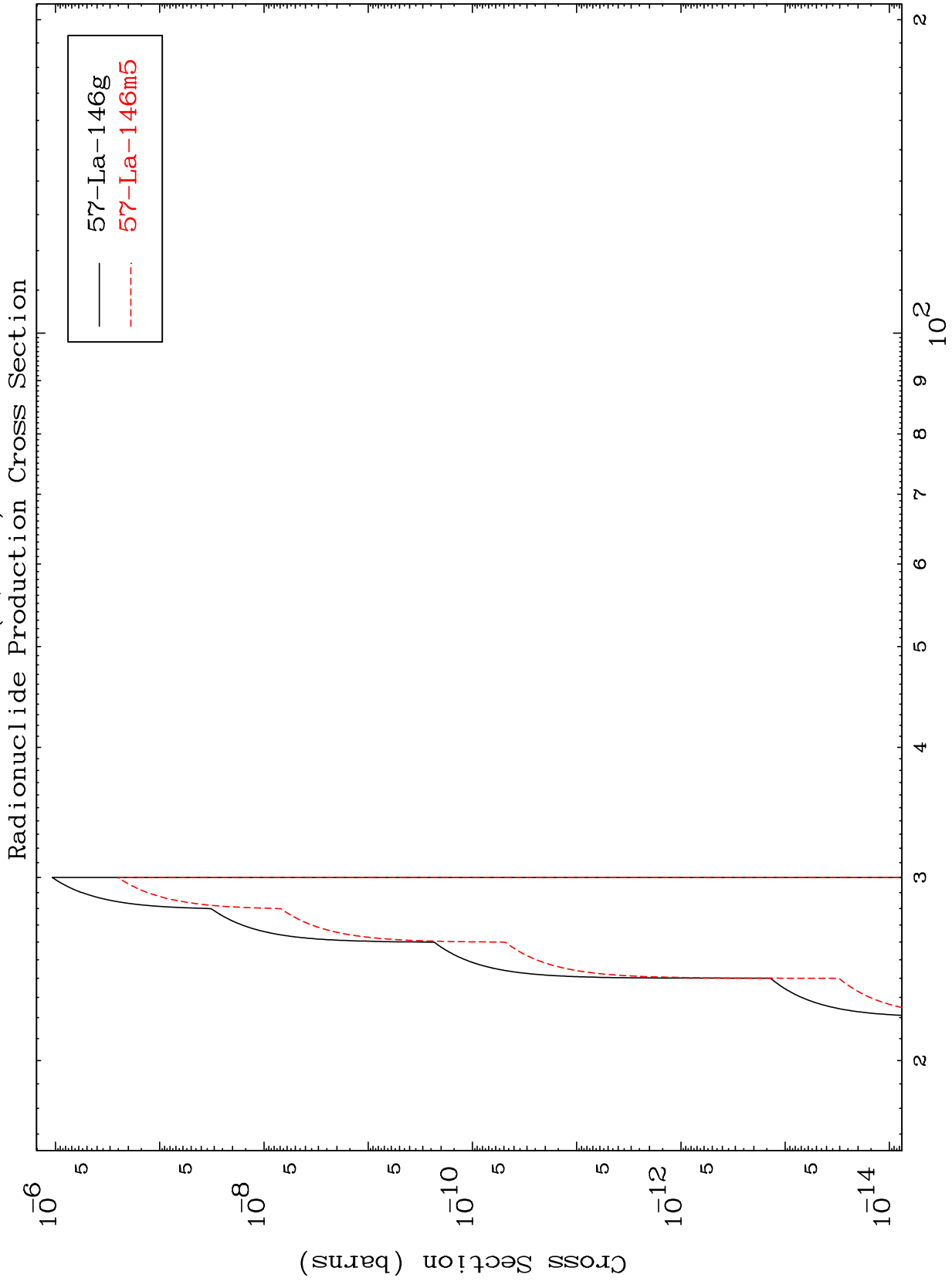
11

57-La-145

MAT 5746

( $\alpha, \text{He-3}$ )

57-La-145



12

Incident Energy (MeV)

57-La-145