

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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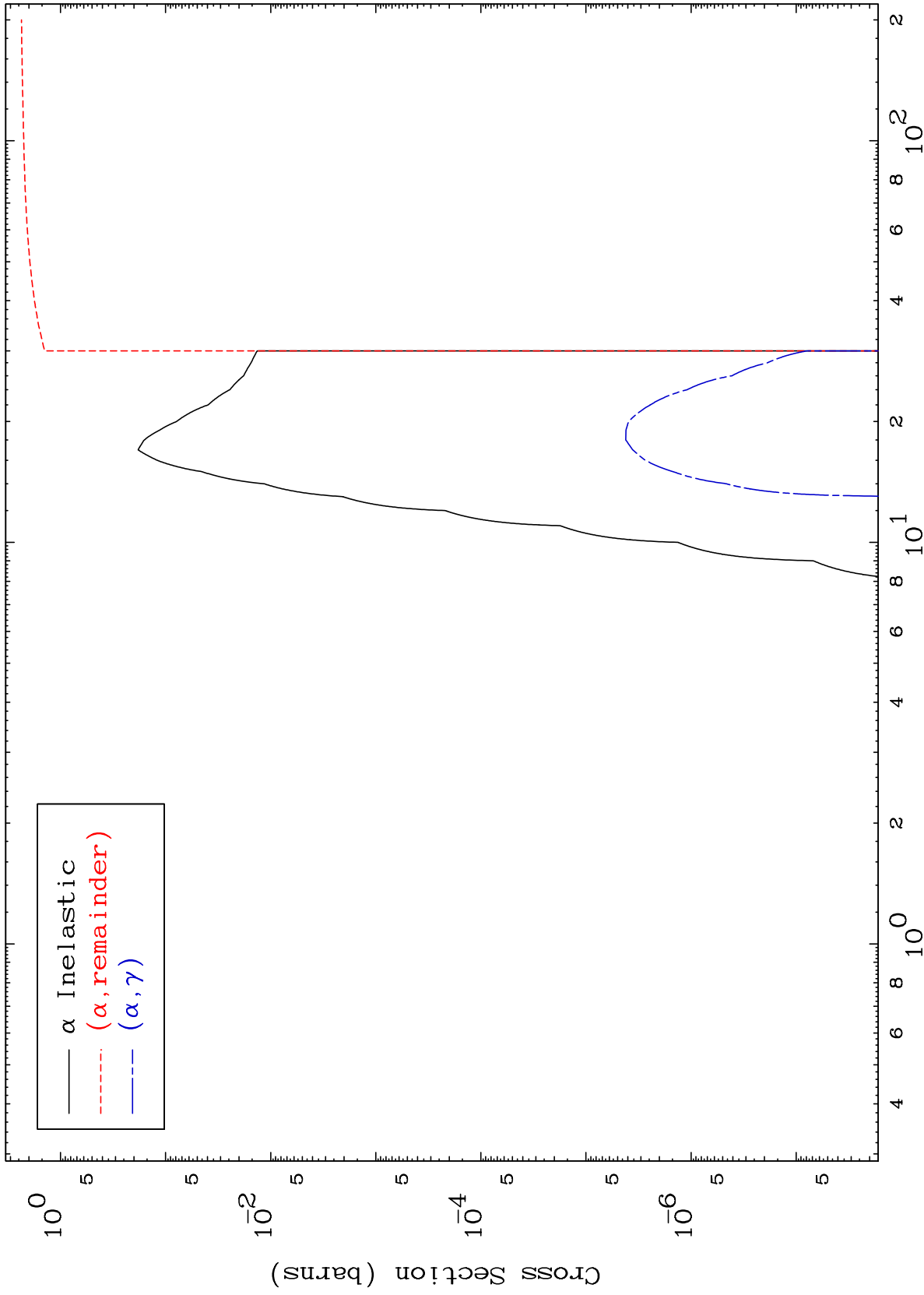
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

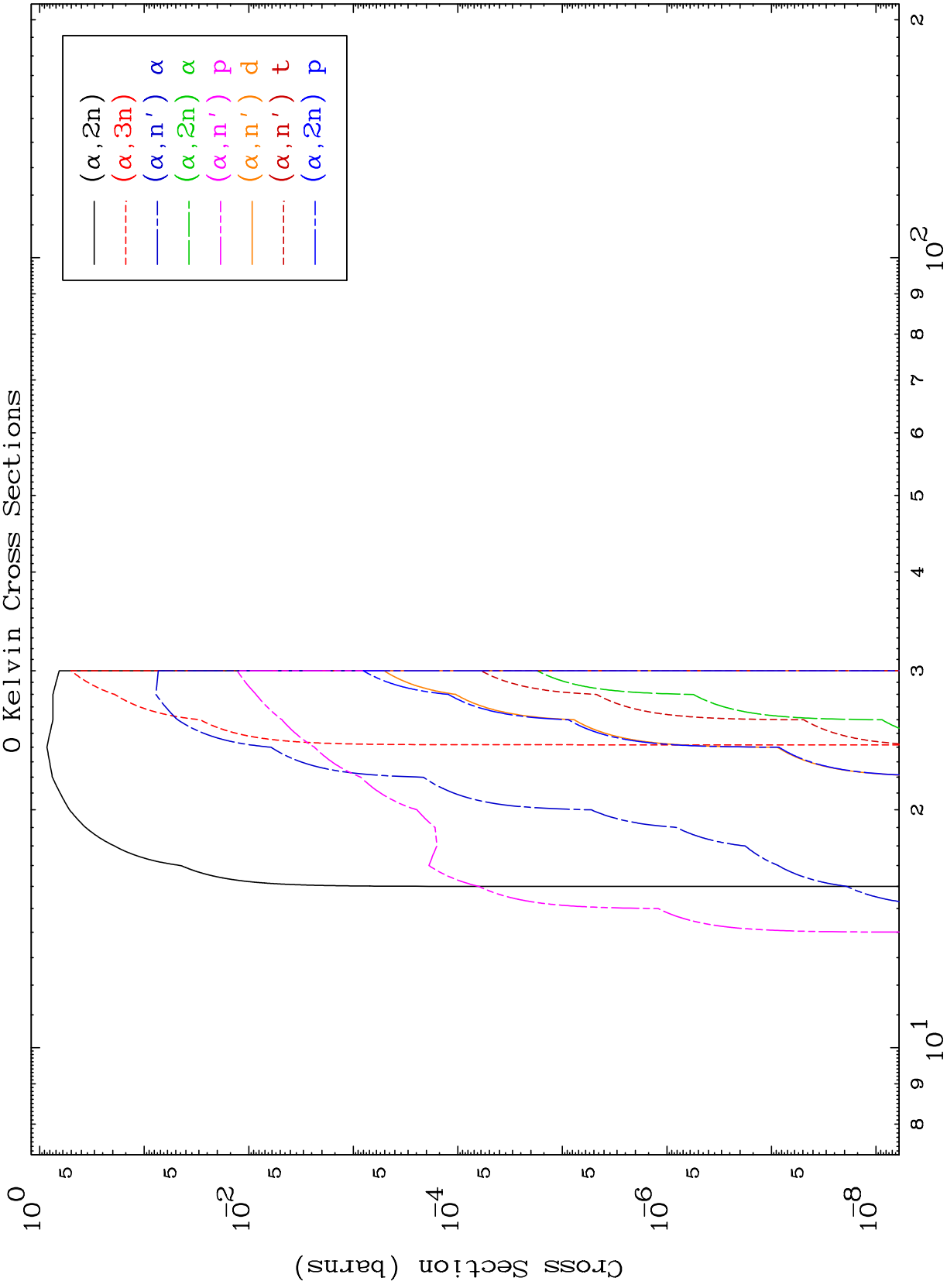
Press Mouse Button to Start

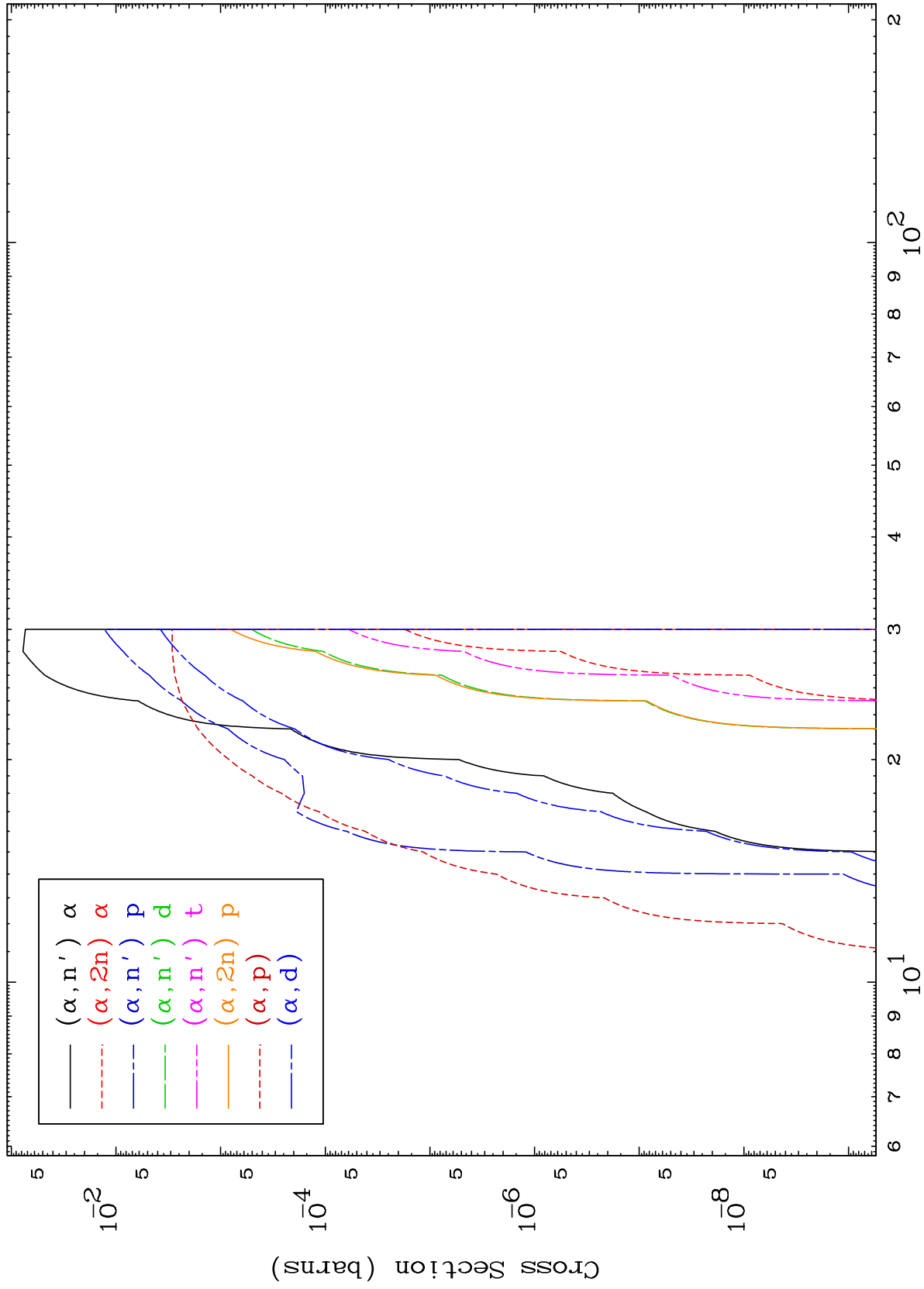
MAT 5725

0 Kelvin  $\alpha$  Major  
Cross Sections

57-La-138



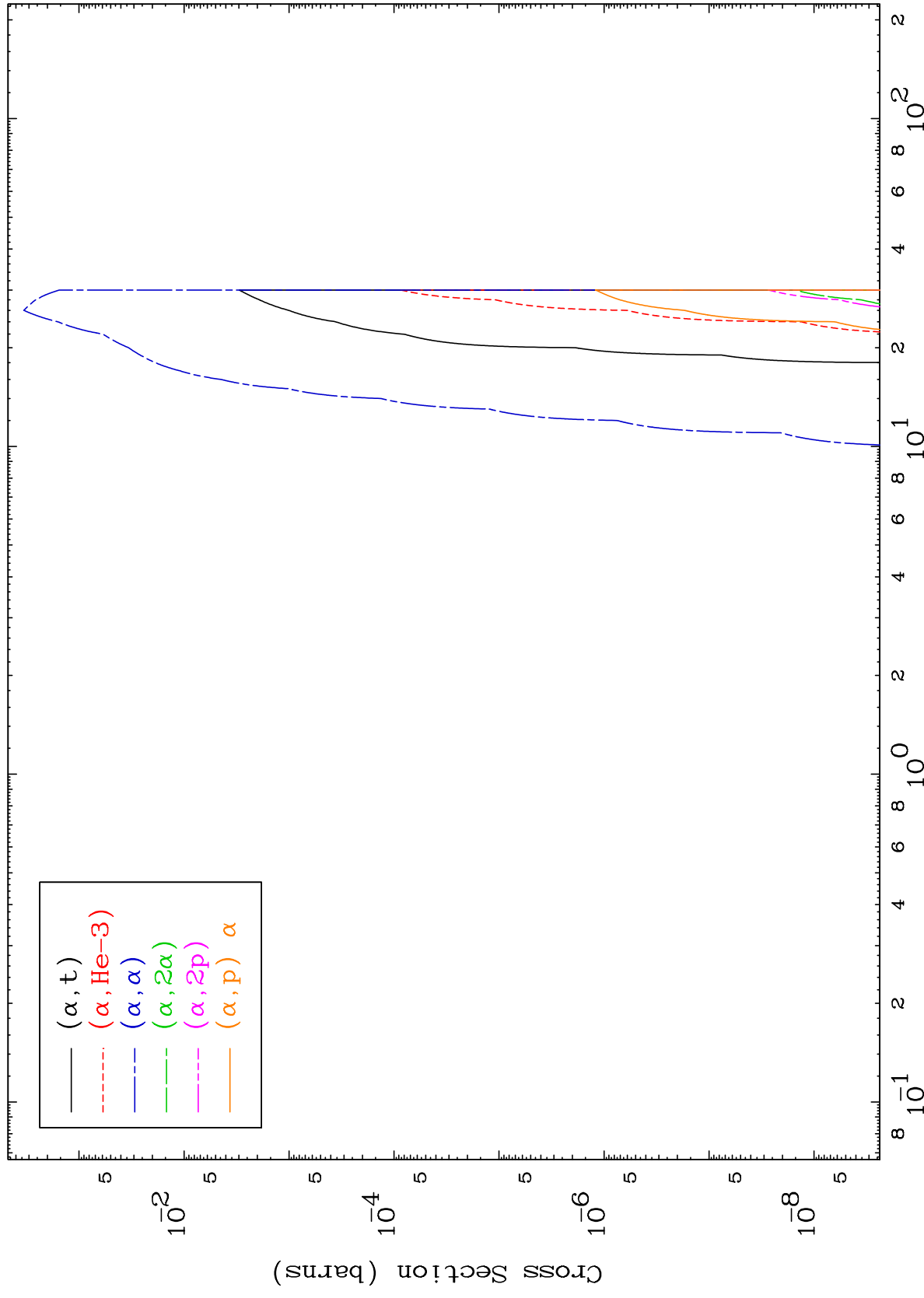




MAT 5725

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

57-La-138



4

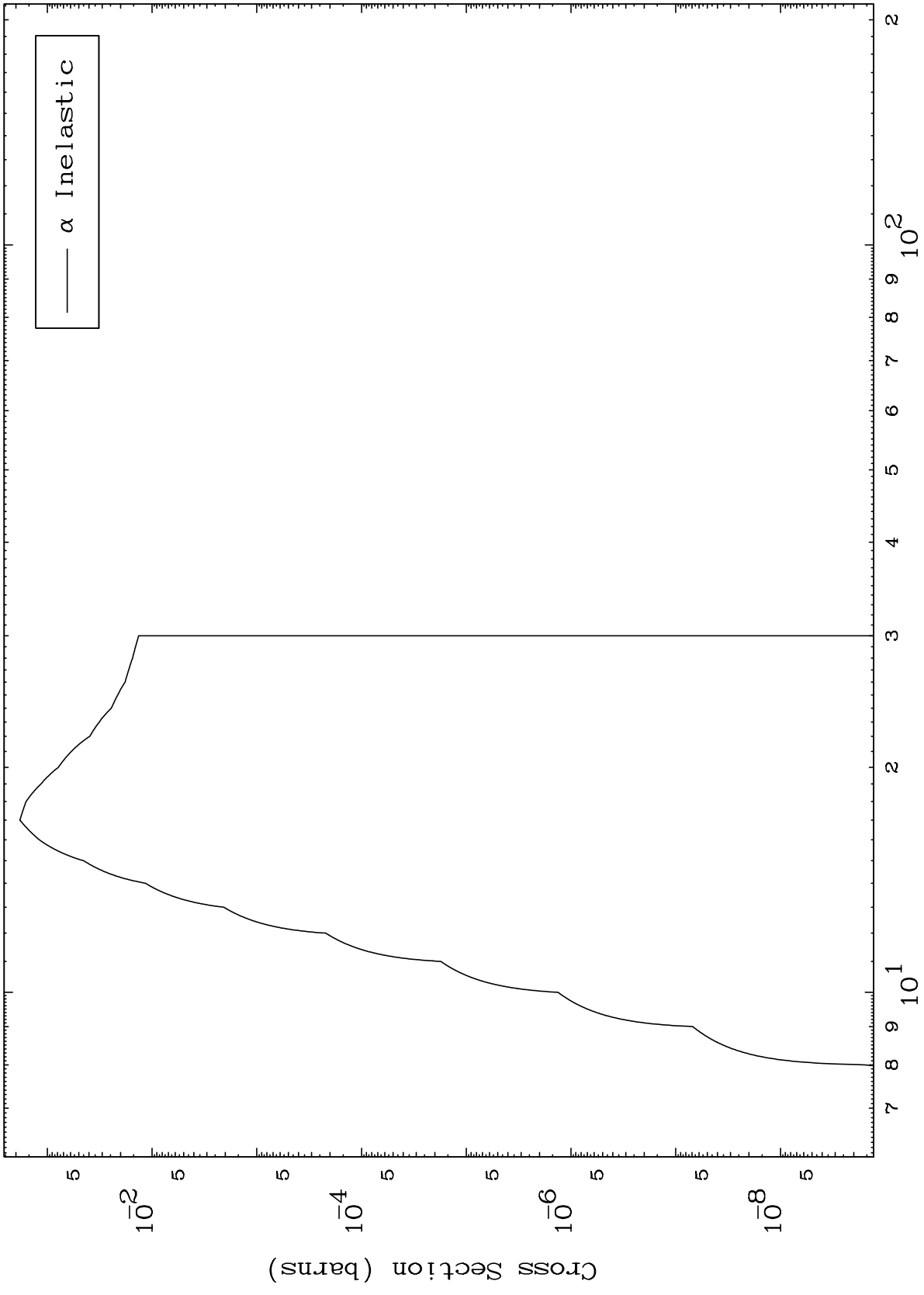
Incident Energy (MeV)

57-La-138

MAT 5725

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

57-La-138



5

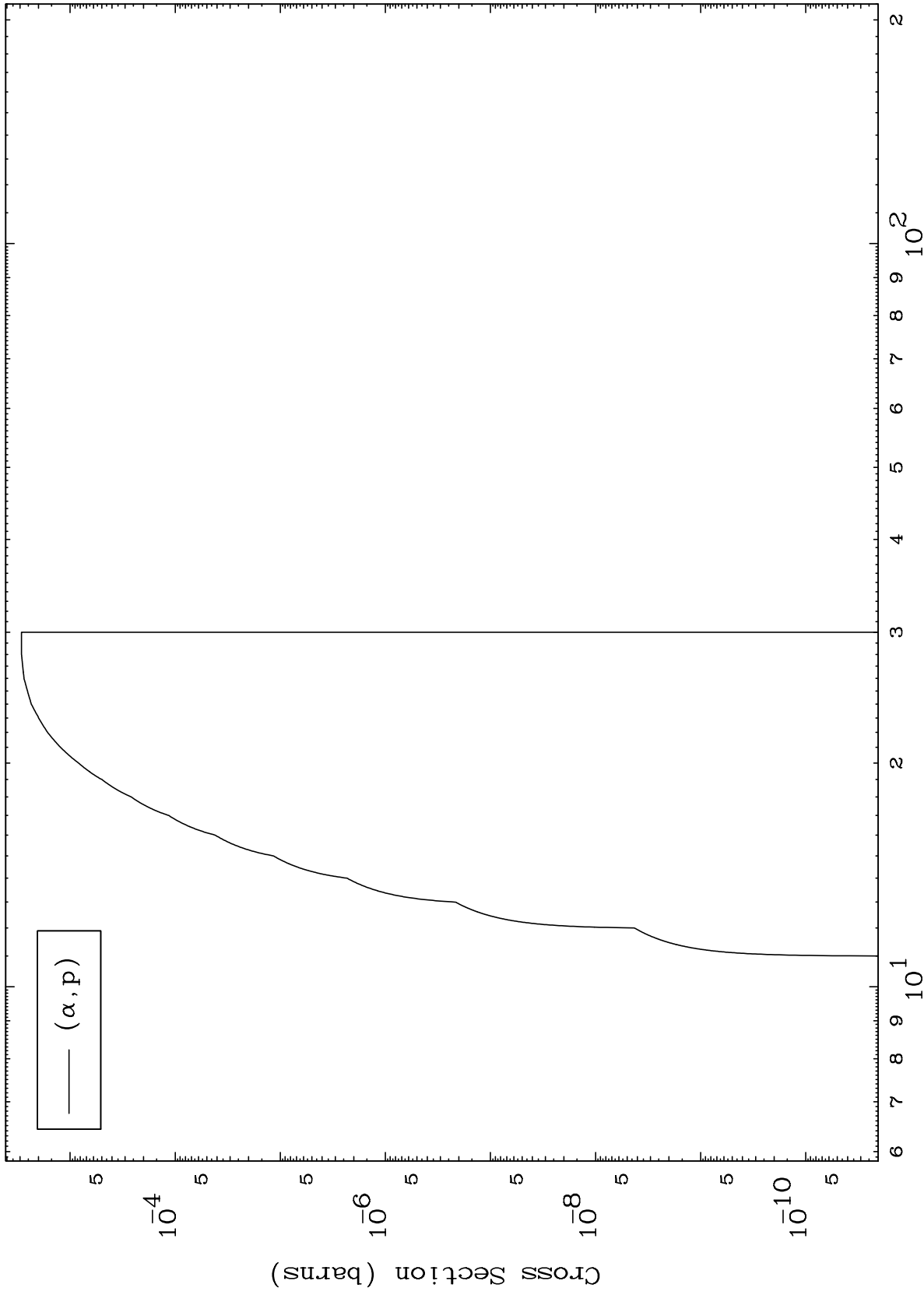
Incident Energy (MeV)

57-La-138

MAT 5725

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

57-La-138



6

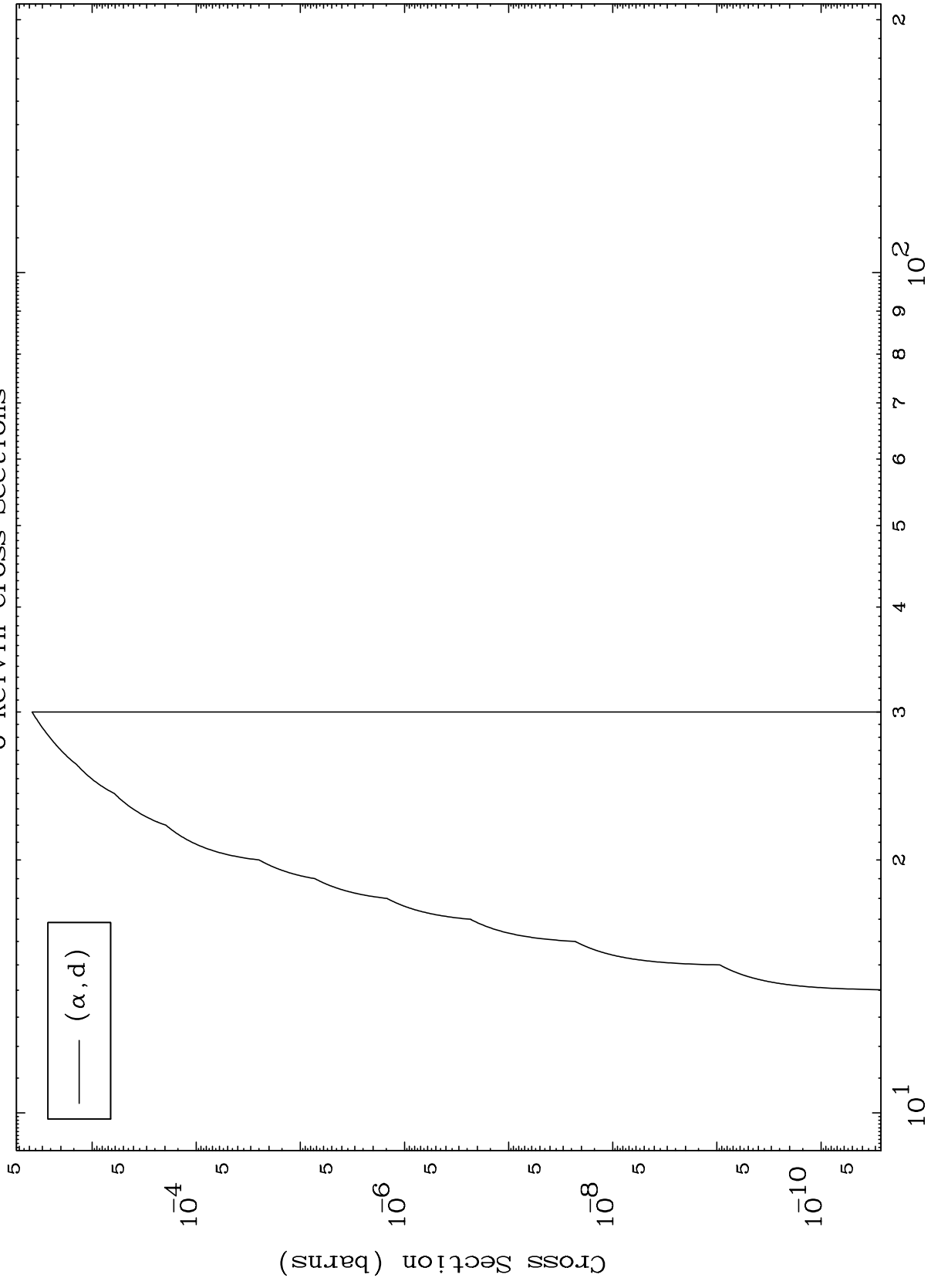
Incident Energy (MeV)

57-La-138

MAT 5725

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

57-La-138

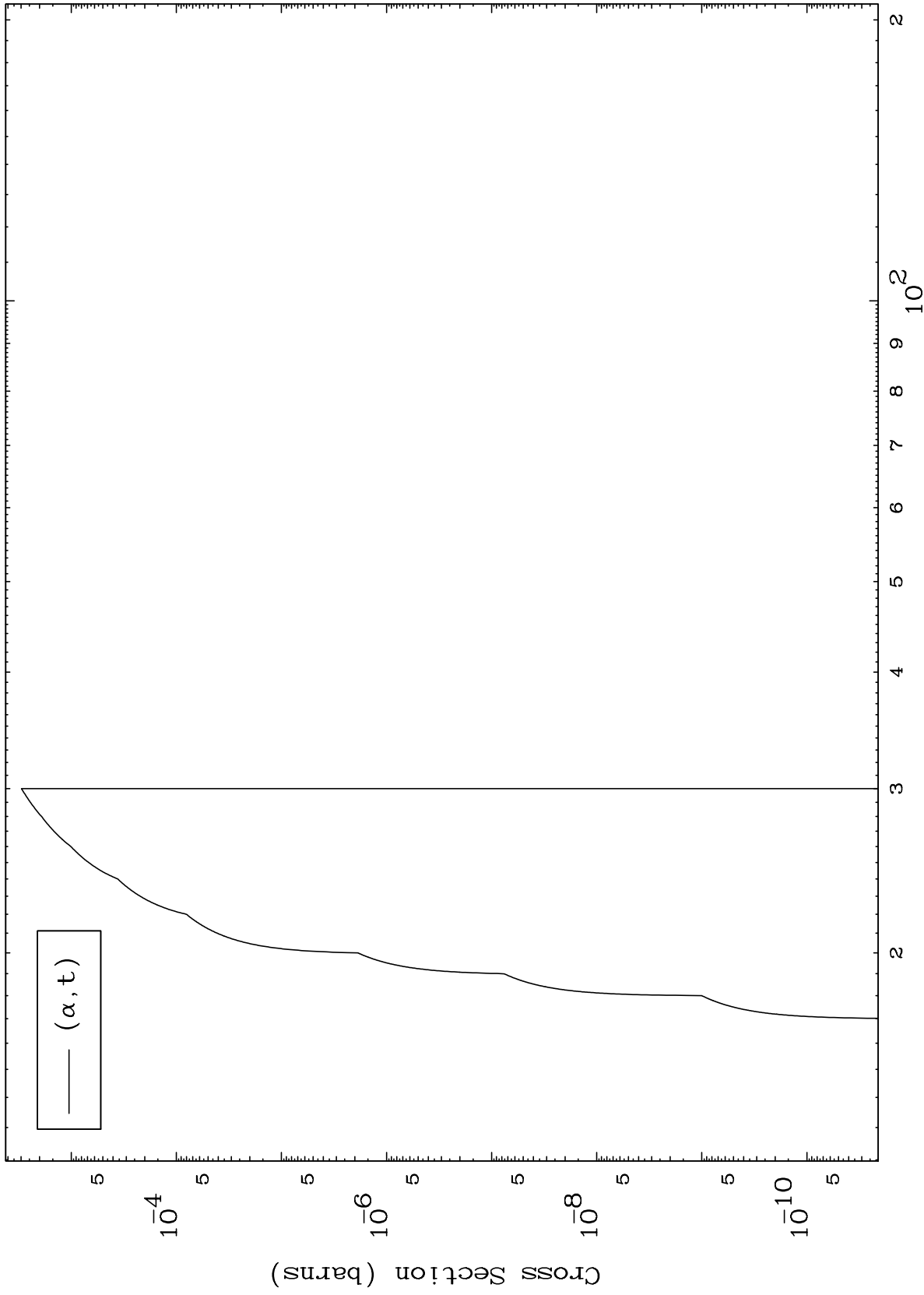


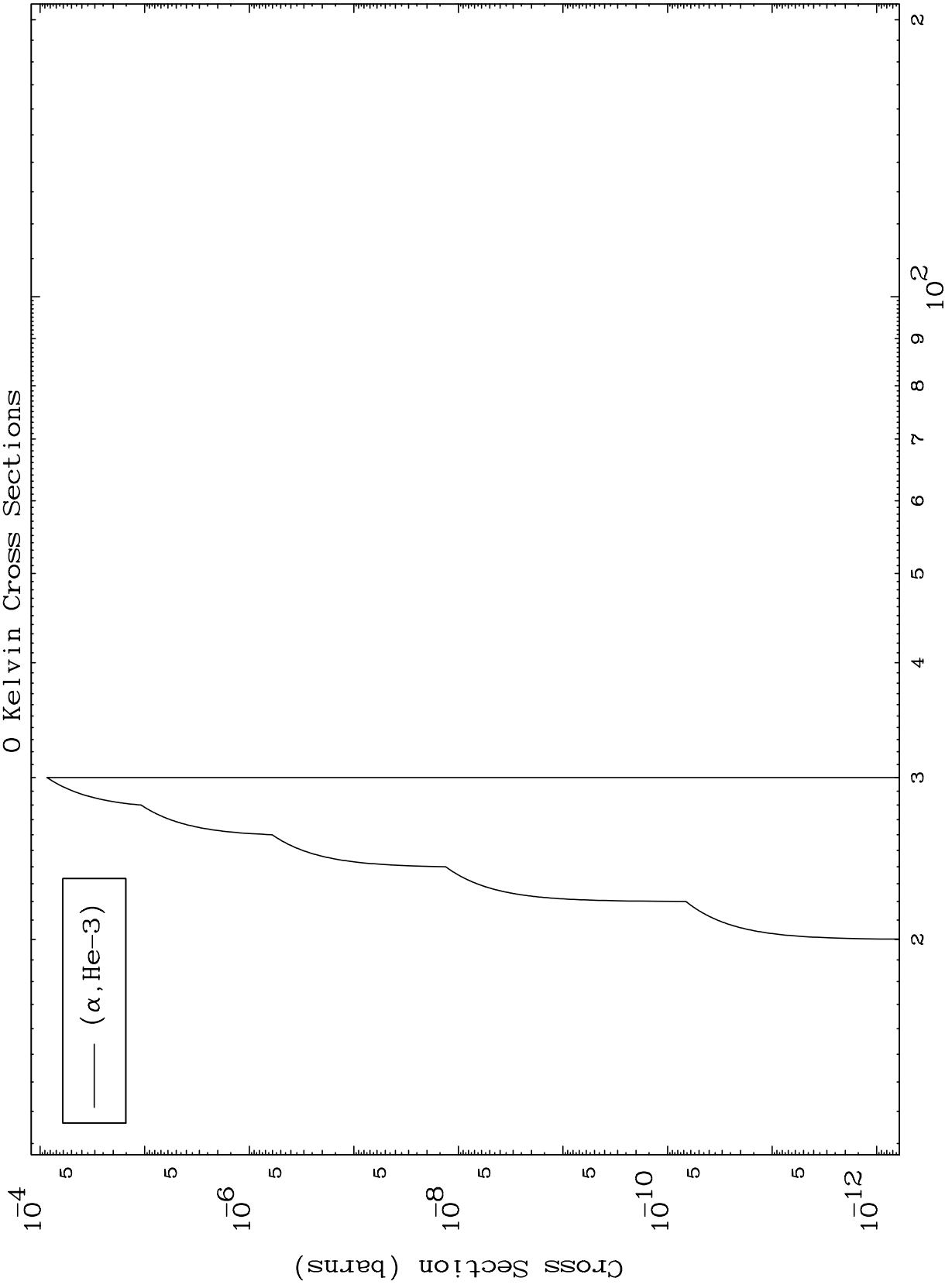
7

Incident Energy (MeV)

57-La-138



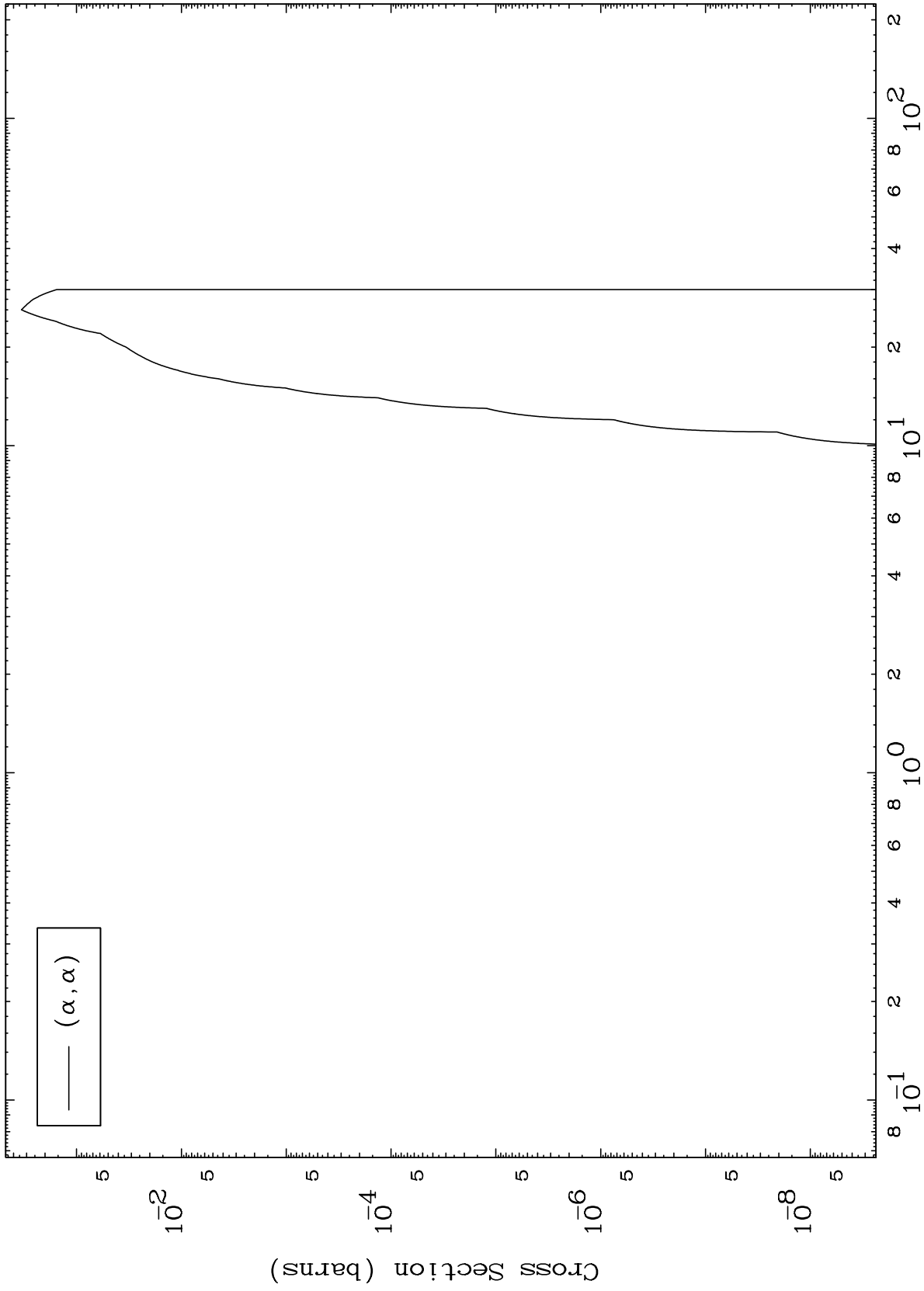




MAT 5725

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

57-La-138



10

Incident Energy (MeV)

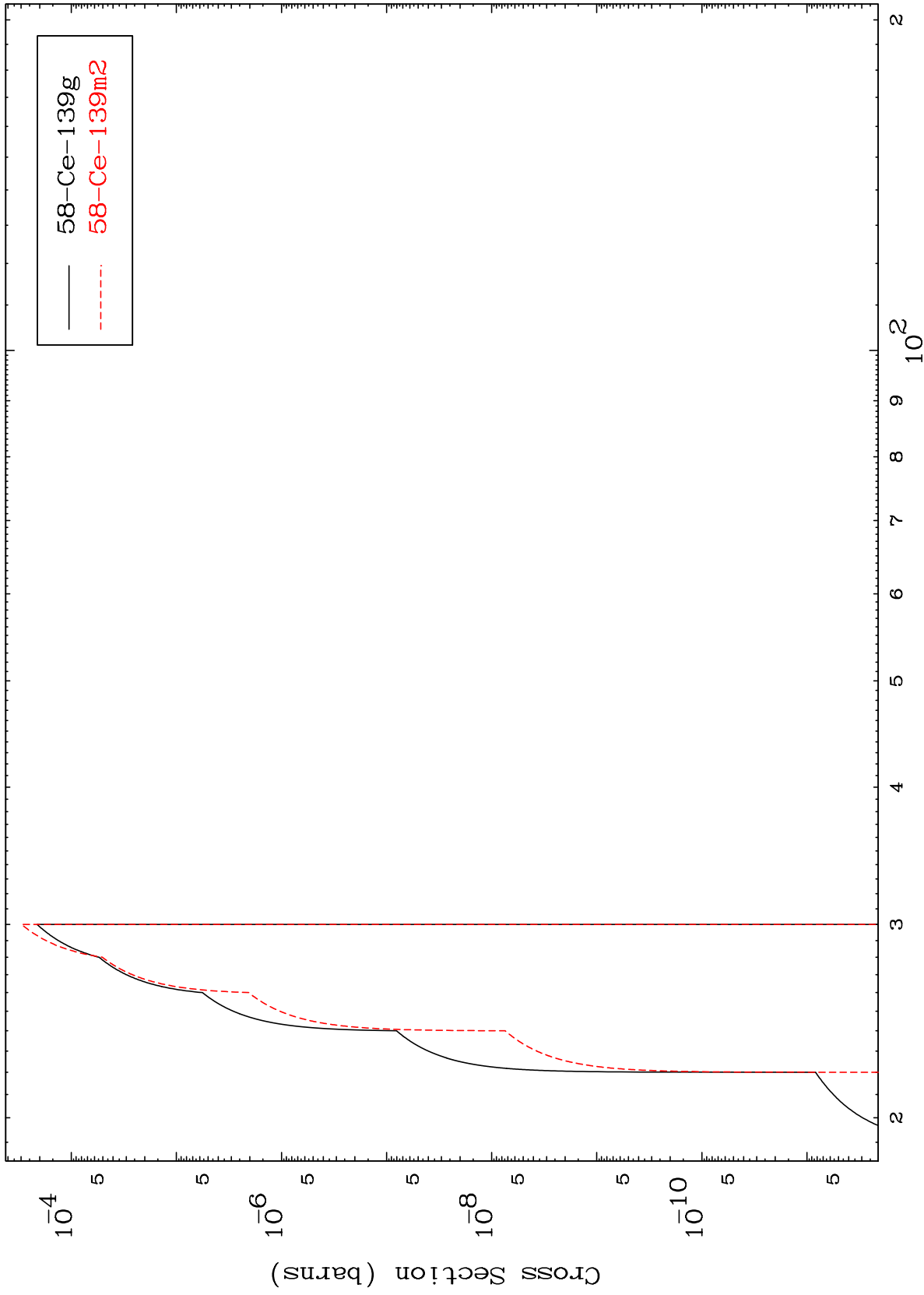
57-La-138

MAT 5725

( $\alpha, n'$ ) d

57-La-138

Radionuclide Production Cross Section



11

Incident Energy (MeV)

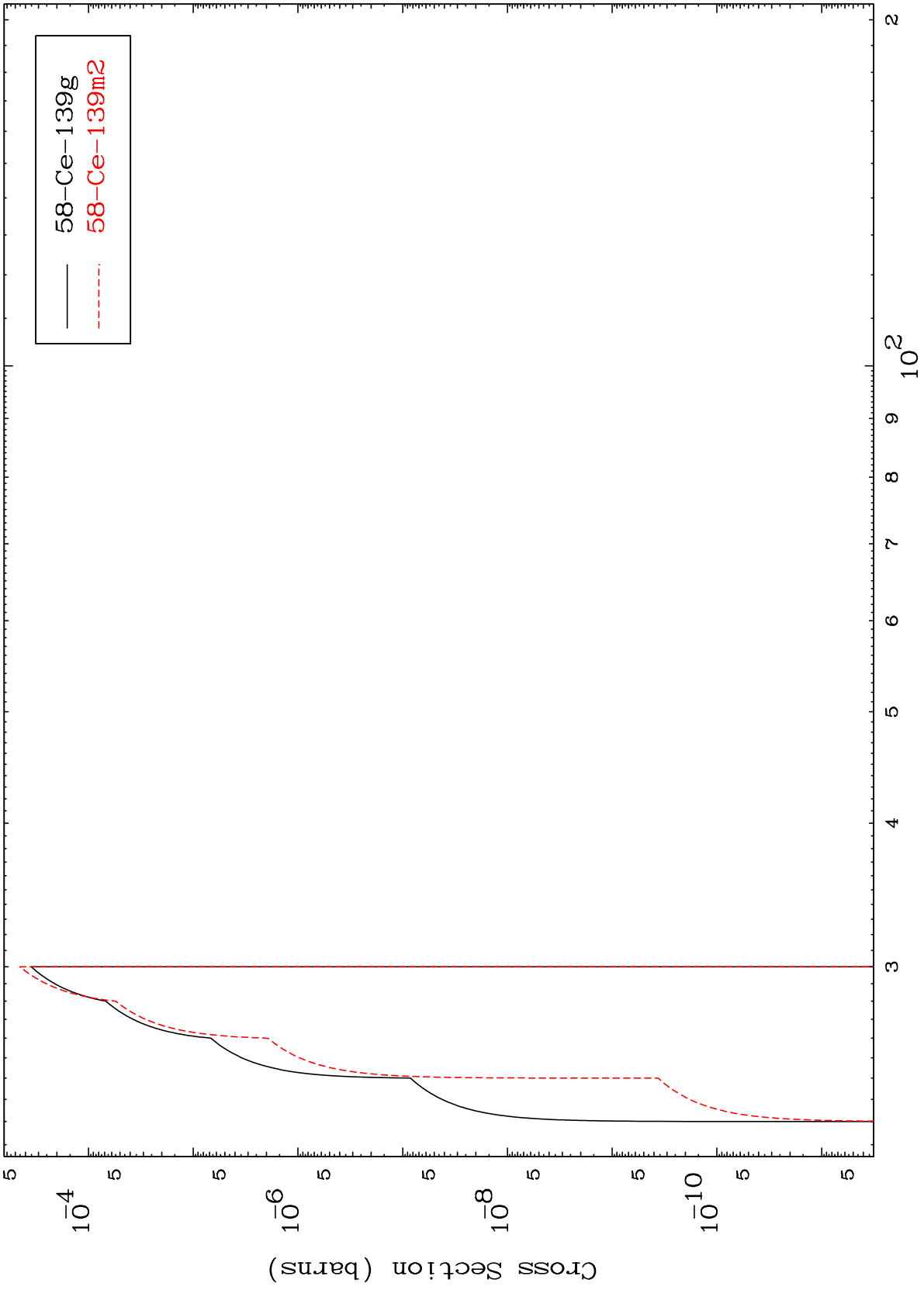
57-La-138

MAT 5725

( $\alpha, 2n$ ) p

57-La-138

Radionuclide Production Cross Section



12

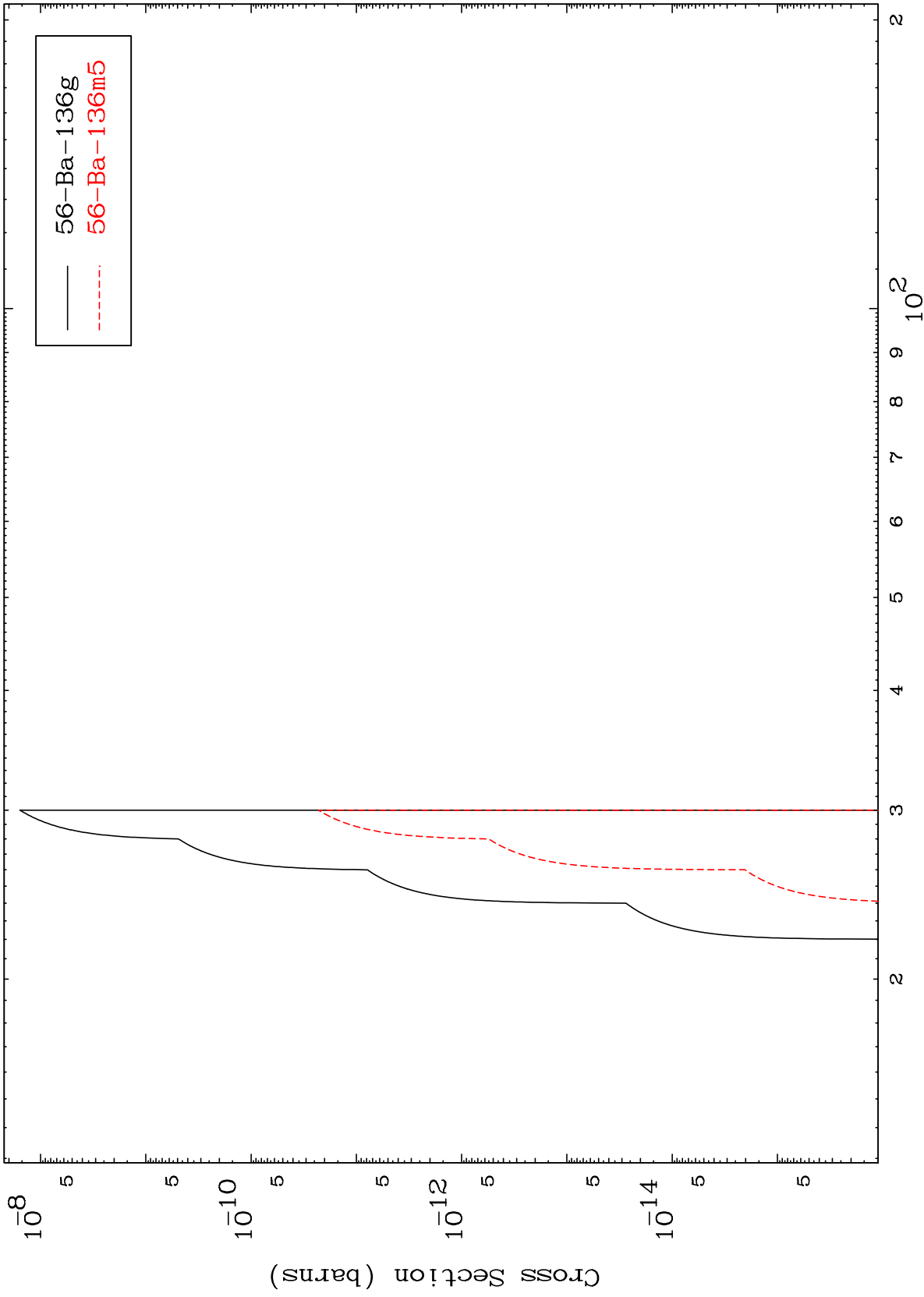
Incident Energy (MeV)

57-La-138

MAT 5725

57-La-138

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



13

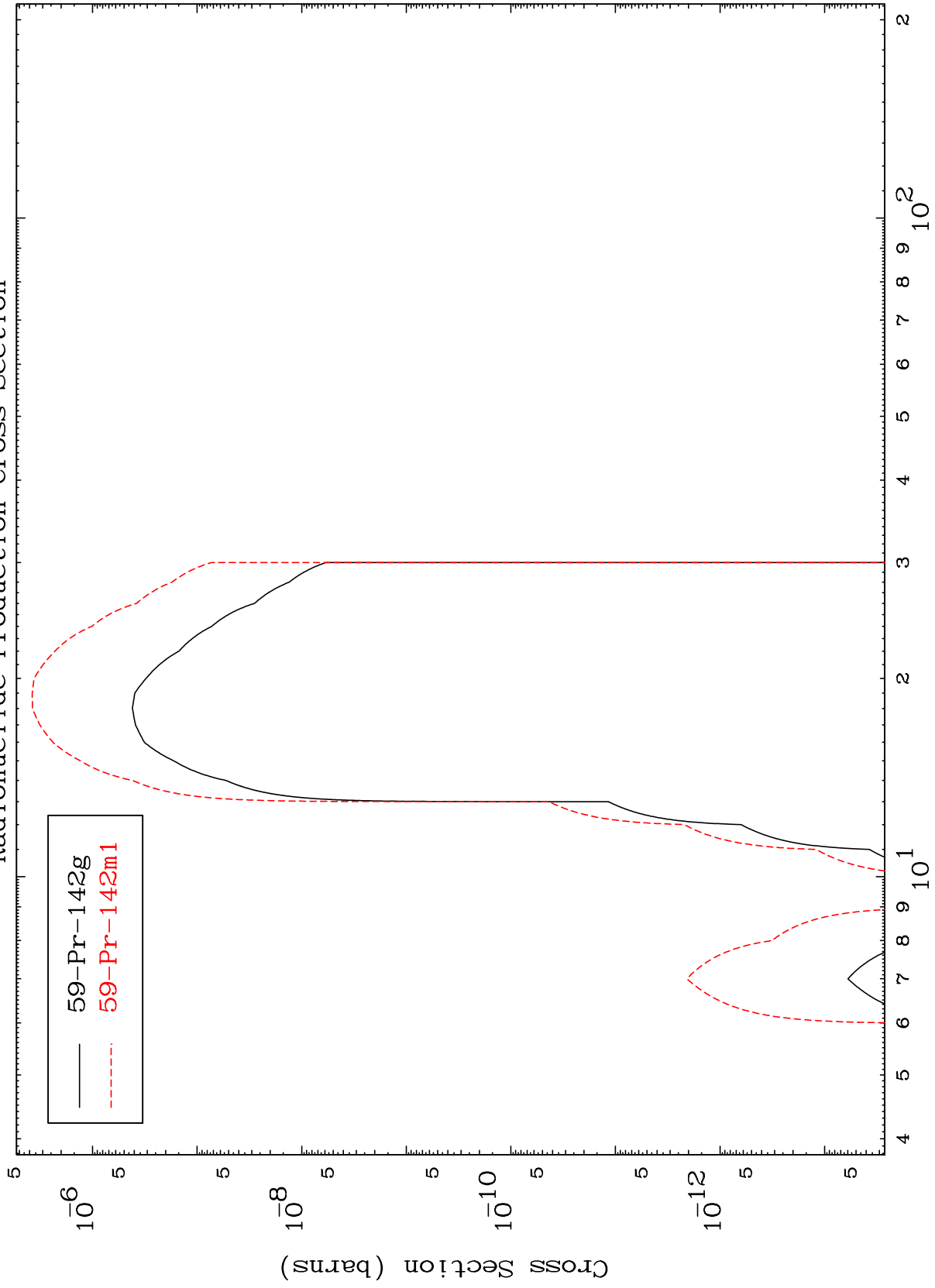
Incident Energy (MeV)

57-La-138

MAT 5725

57-La-138

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



14

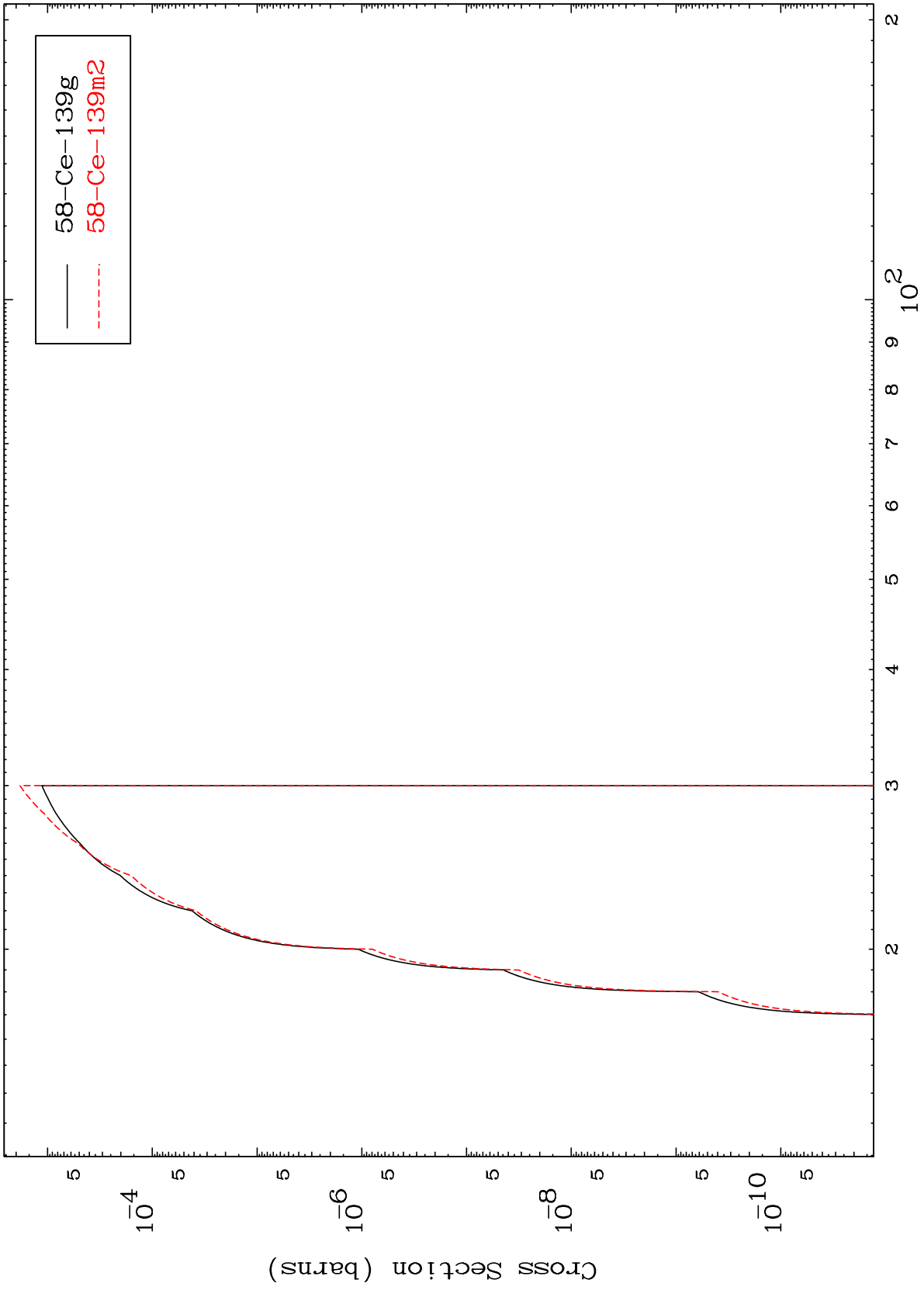
Incident Energy (MeV)

57-La-138

MAT 5725

57-La-138

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



15

Incident Energy (MeV)

57-La-138

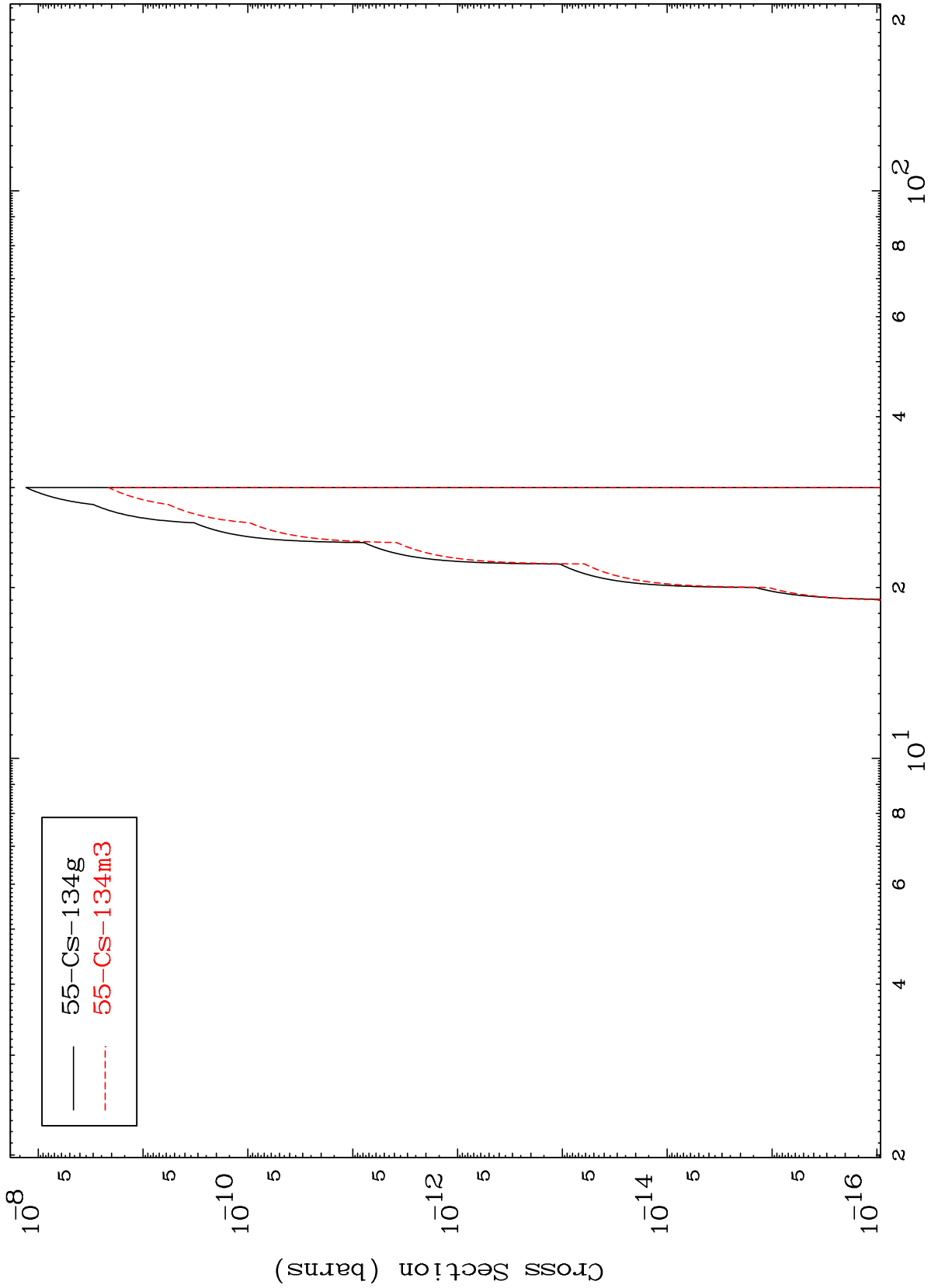


MAT 5725

( $\alpha, 2\alpha$ )

57-La-138

Radionuclide Production Cross Section



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

16

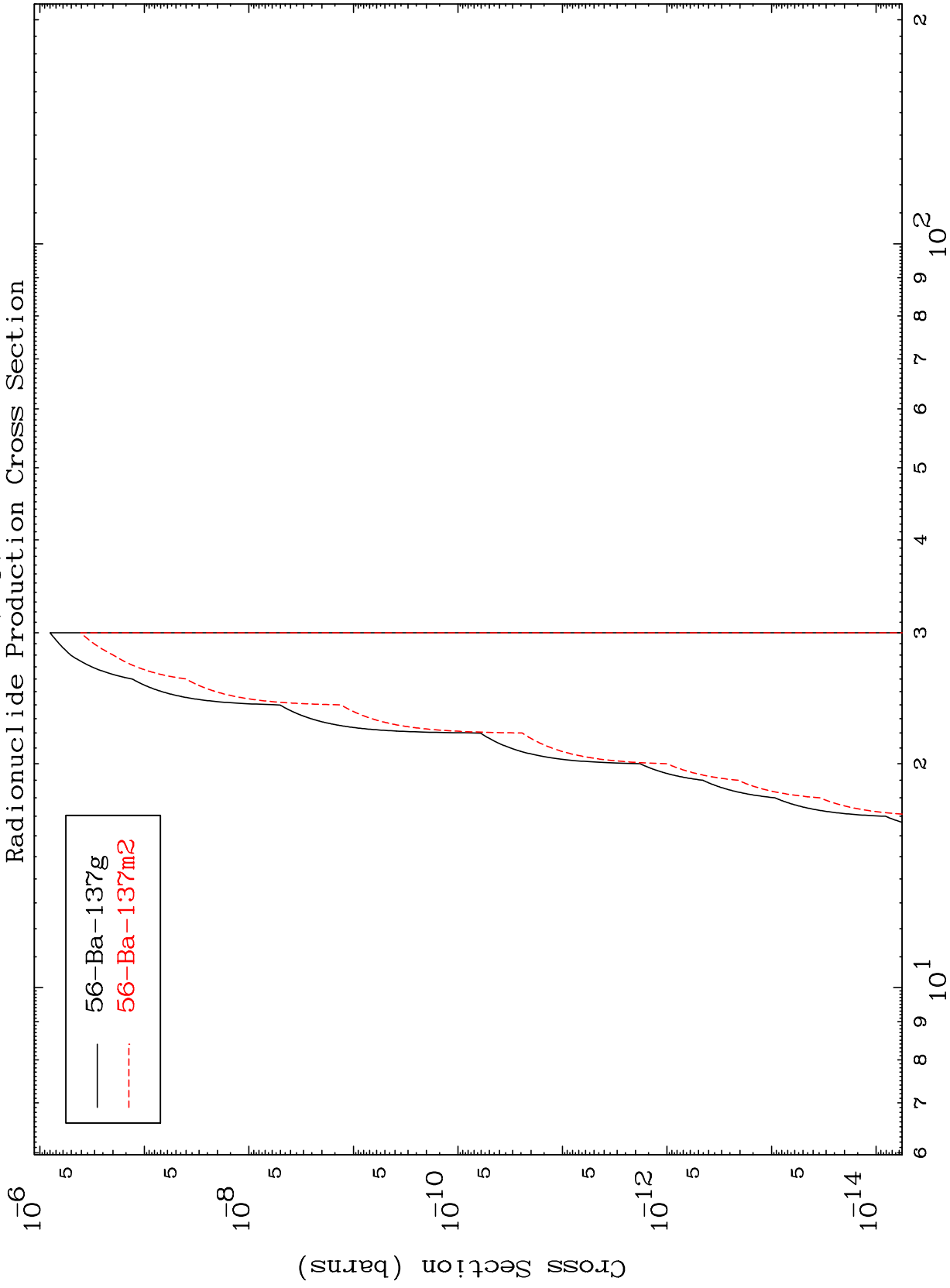
Incident Energy (MeV)

57-La-138

MAT 5725

57-La-138

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



17

Incident Energy (MeV)

57-La-138