

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

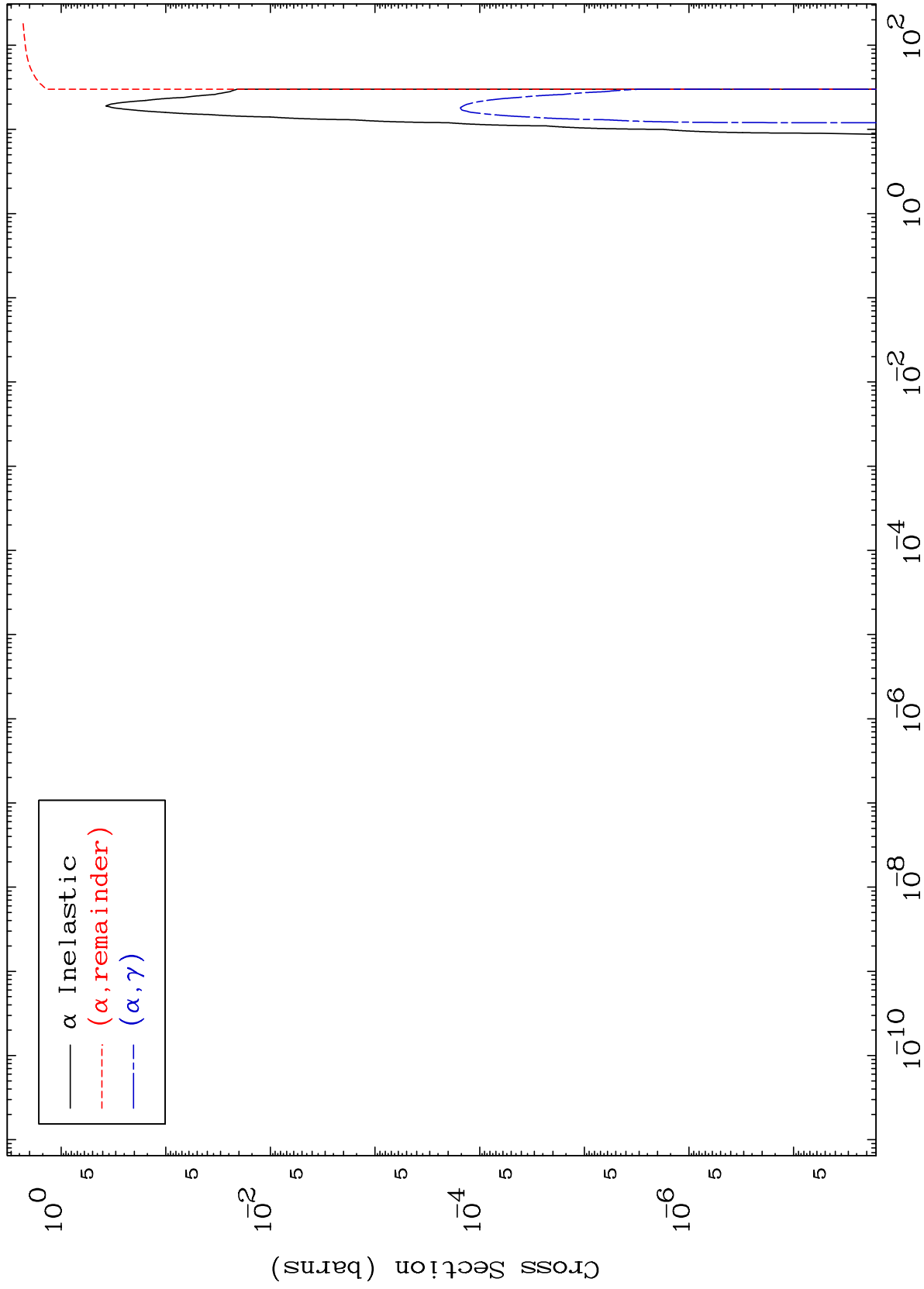
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5713

0 Kelvin  $\alpha$  Major  
Cross Sections

57-La-134



1

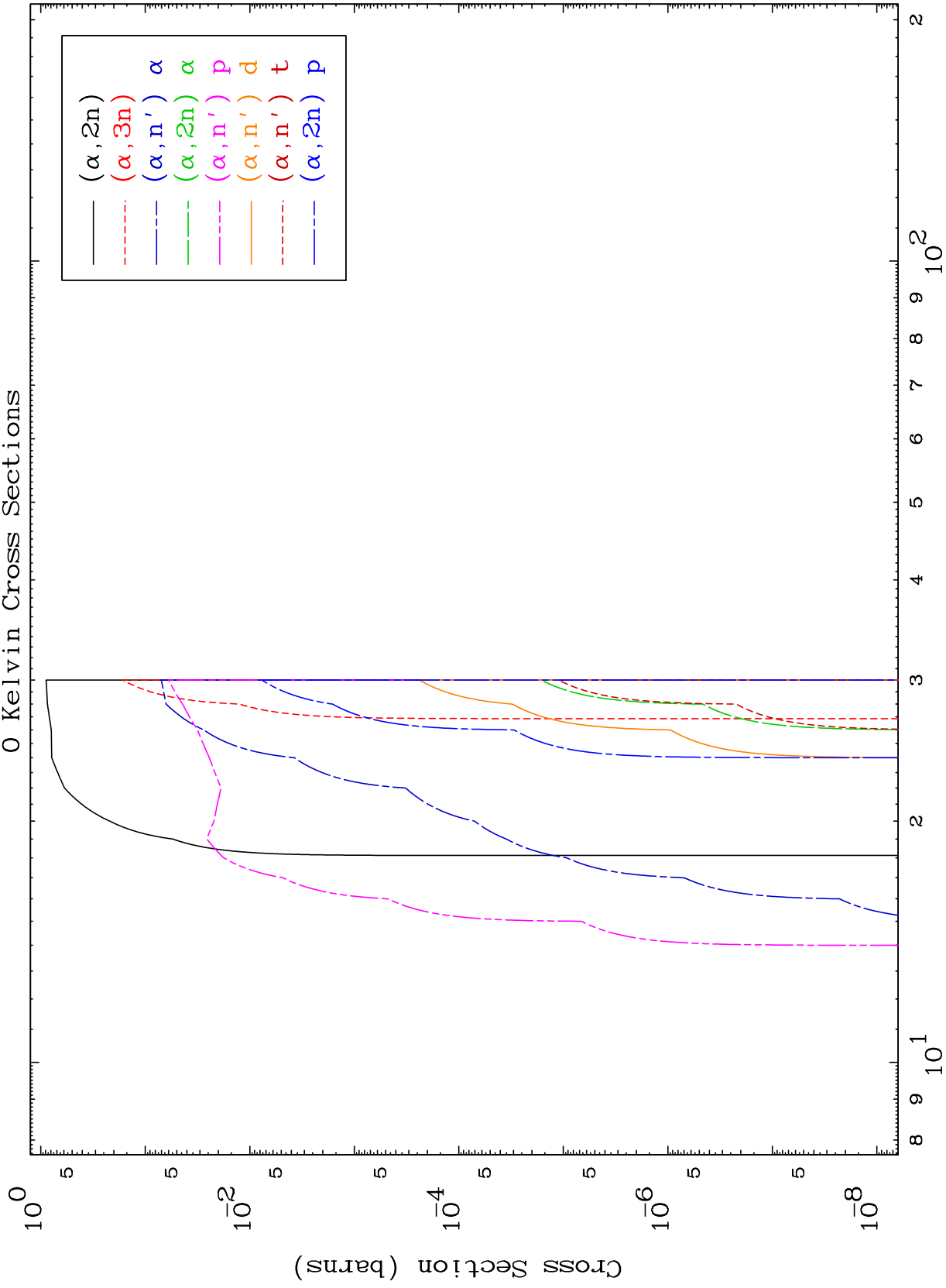
Incident Energy (MeV)

57-La-134

MAT 5713

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

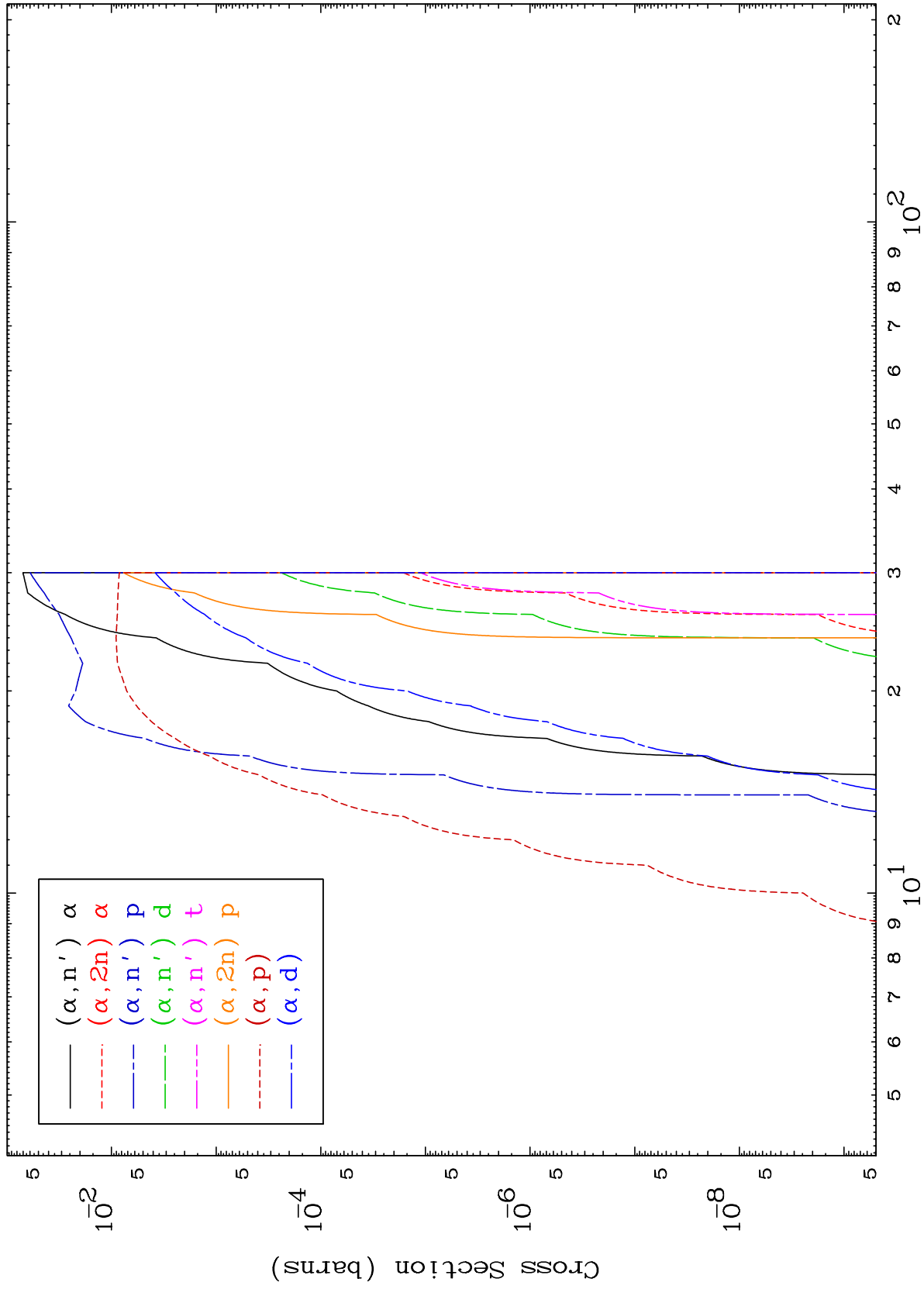
57-La-134



2

Incident Energy (MeV)

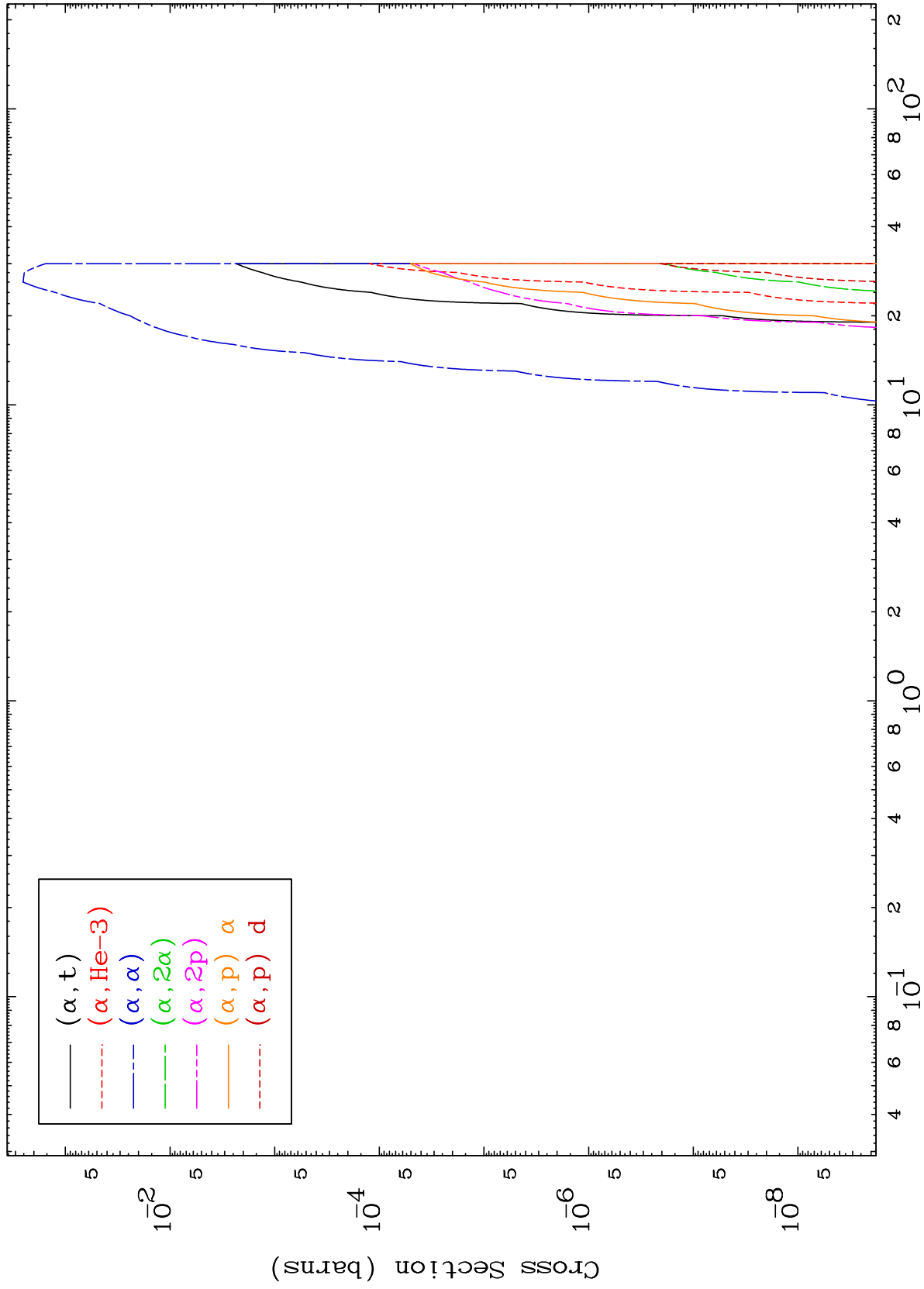
57-La-134



MAT 5713

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

57-La-134



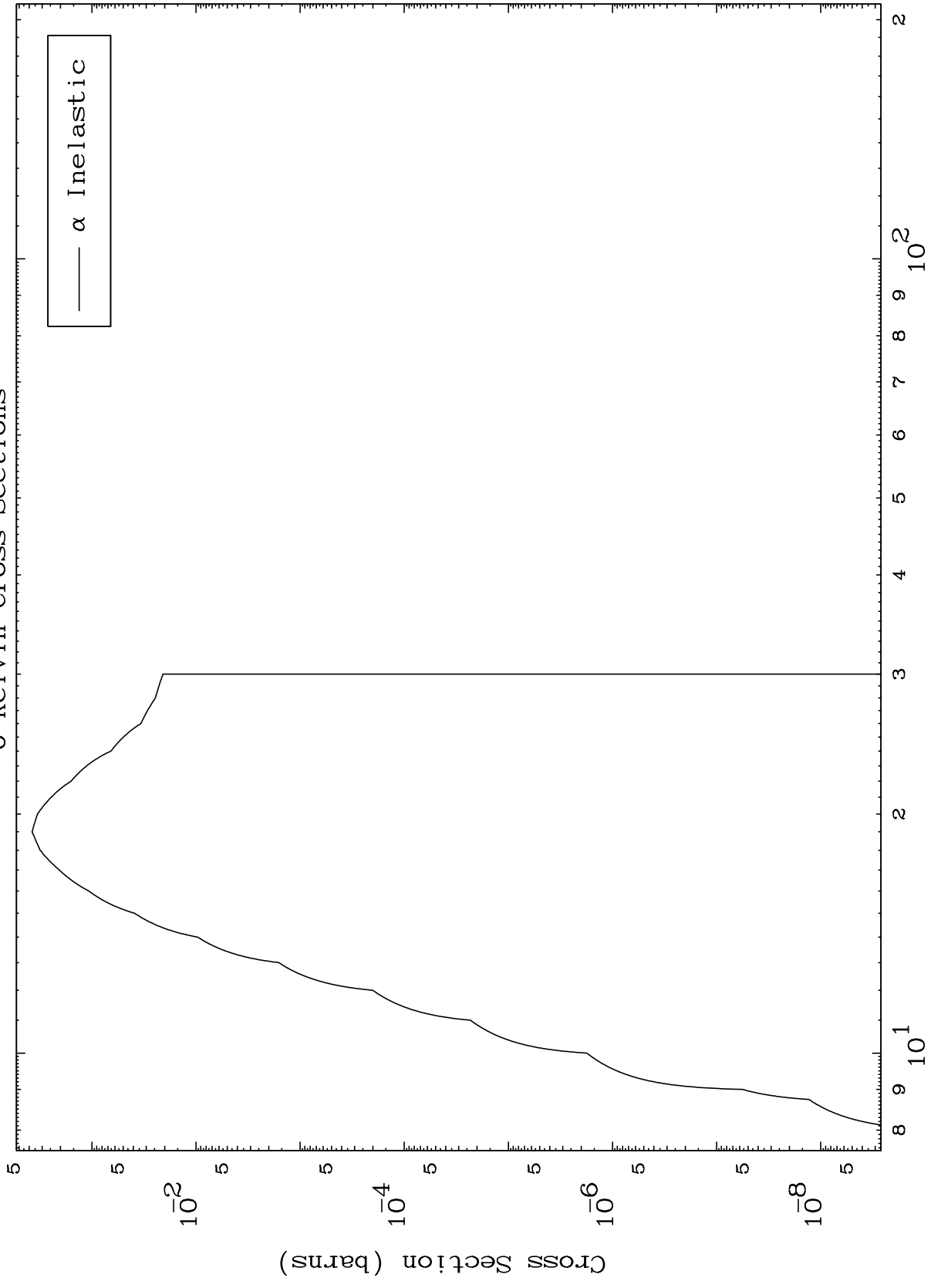
4

57-La-134

MAT 5713

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

57-La-134



5

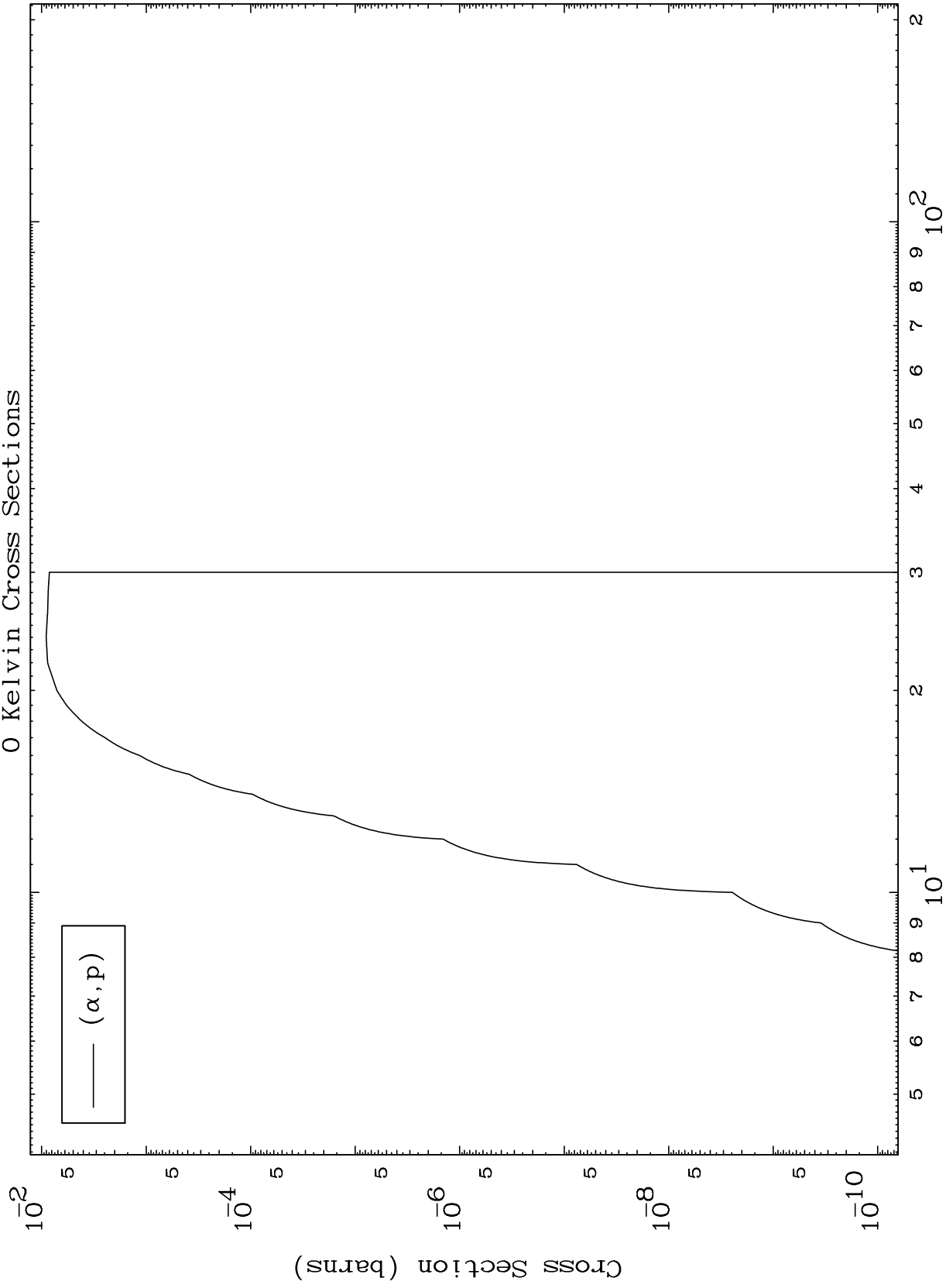
Incident Energy (MeV)

57-La-134

MAT 5713

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

57-La-134



6

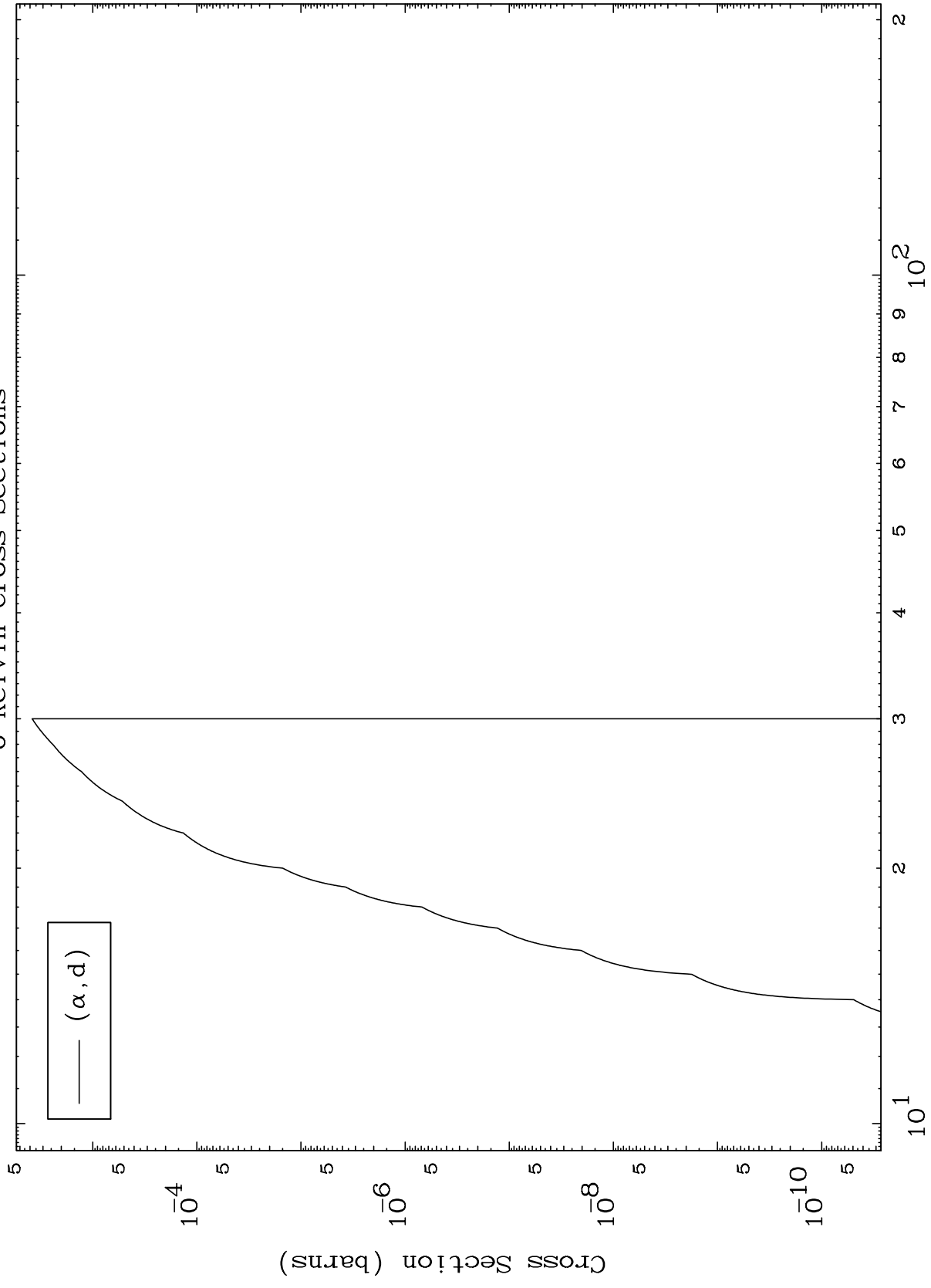
Incident Energy (MeV)

57-La-134

MAT 5713

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

57-La-134



Incident Energy (MeV)

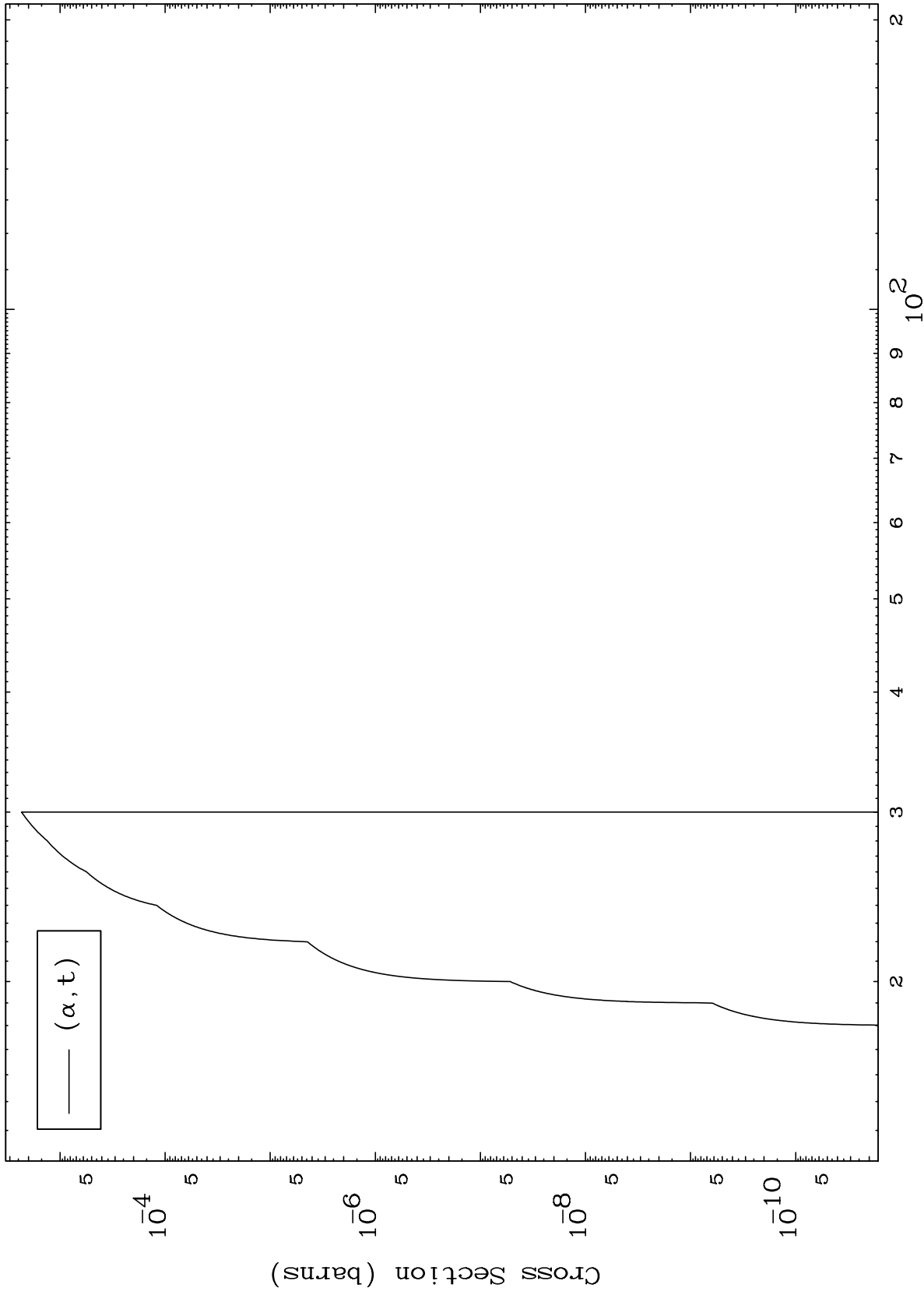
57-La-134



MAT 5713

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

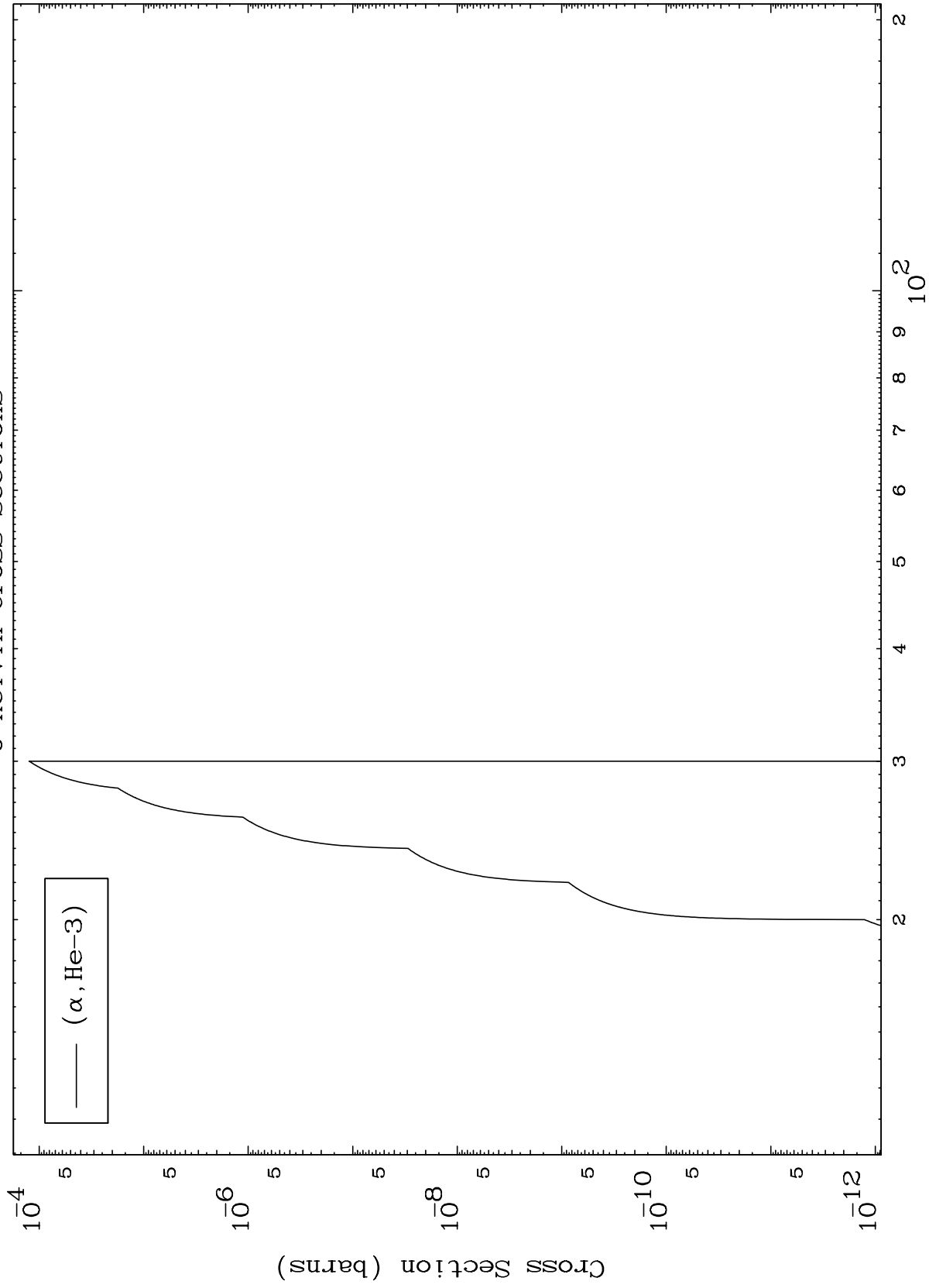
57-La-134



8

Incident Energy (MeV)

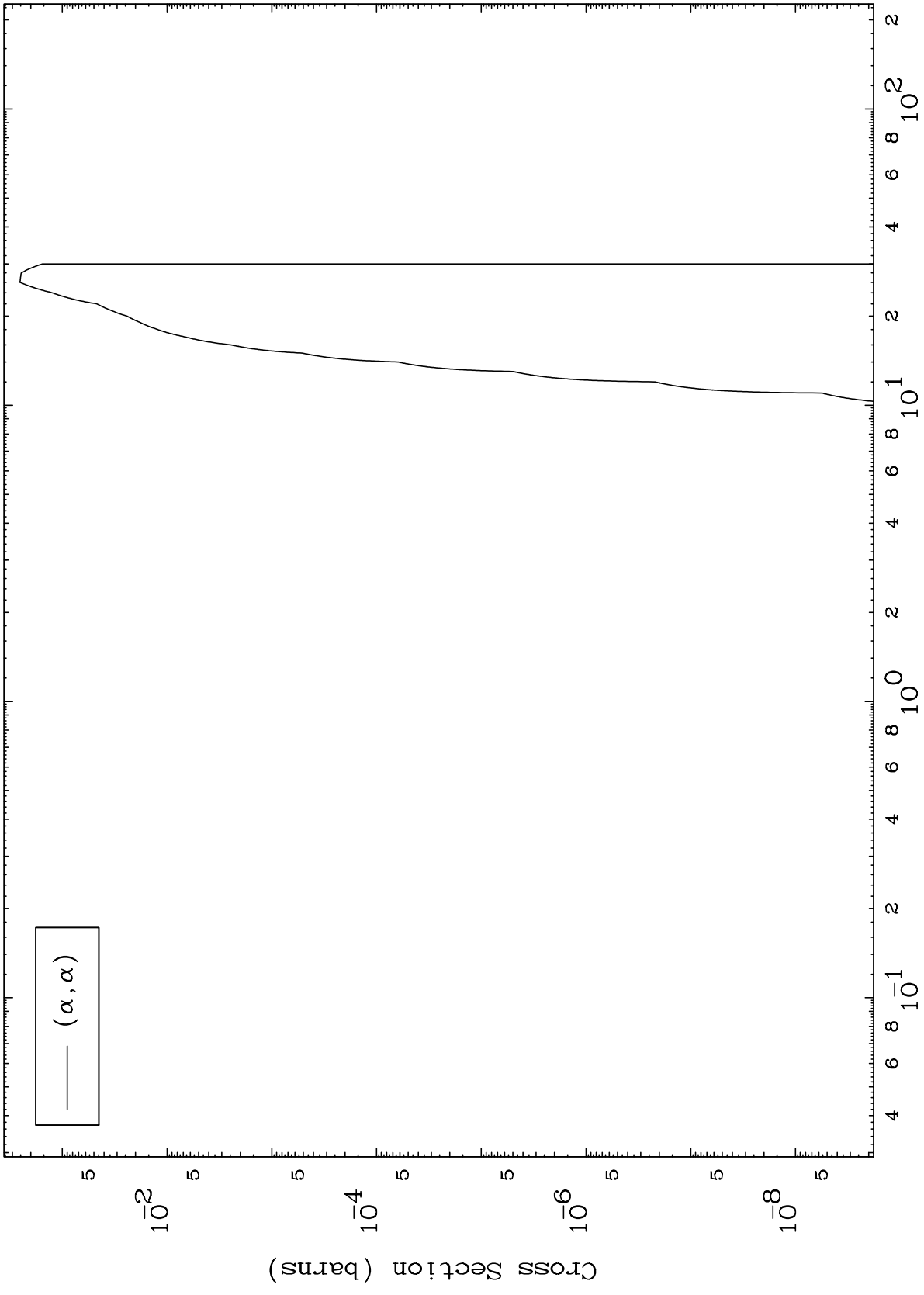
57-La-134



MAT 5713

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

57-La-134



10

Incident Energy (MeV)

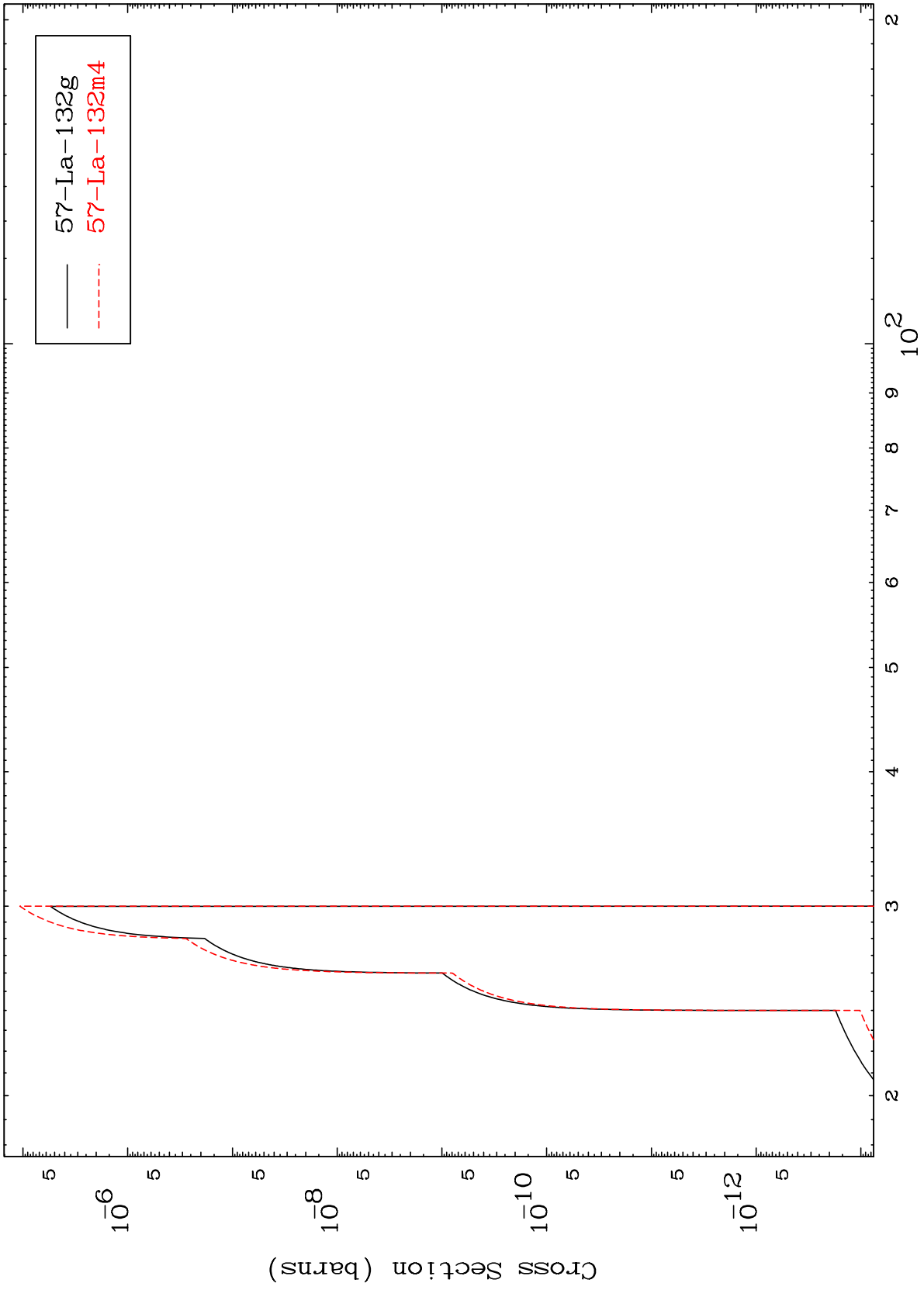
57-La-134

MAT 5713

$(\alpha, 2n) \alpha$

57-La-134

Radionuclide Production Cross Section



11

Incident Energy (MeV)

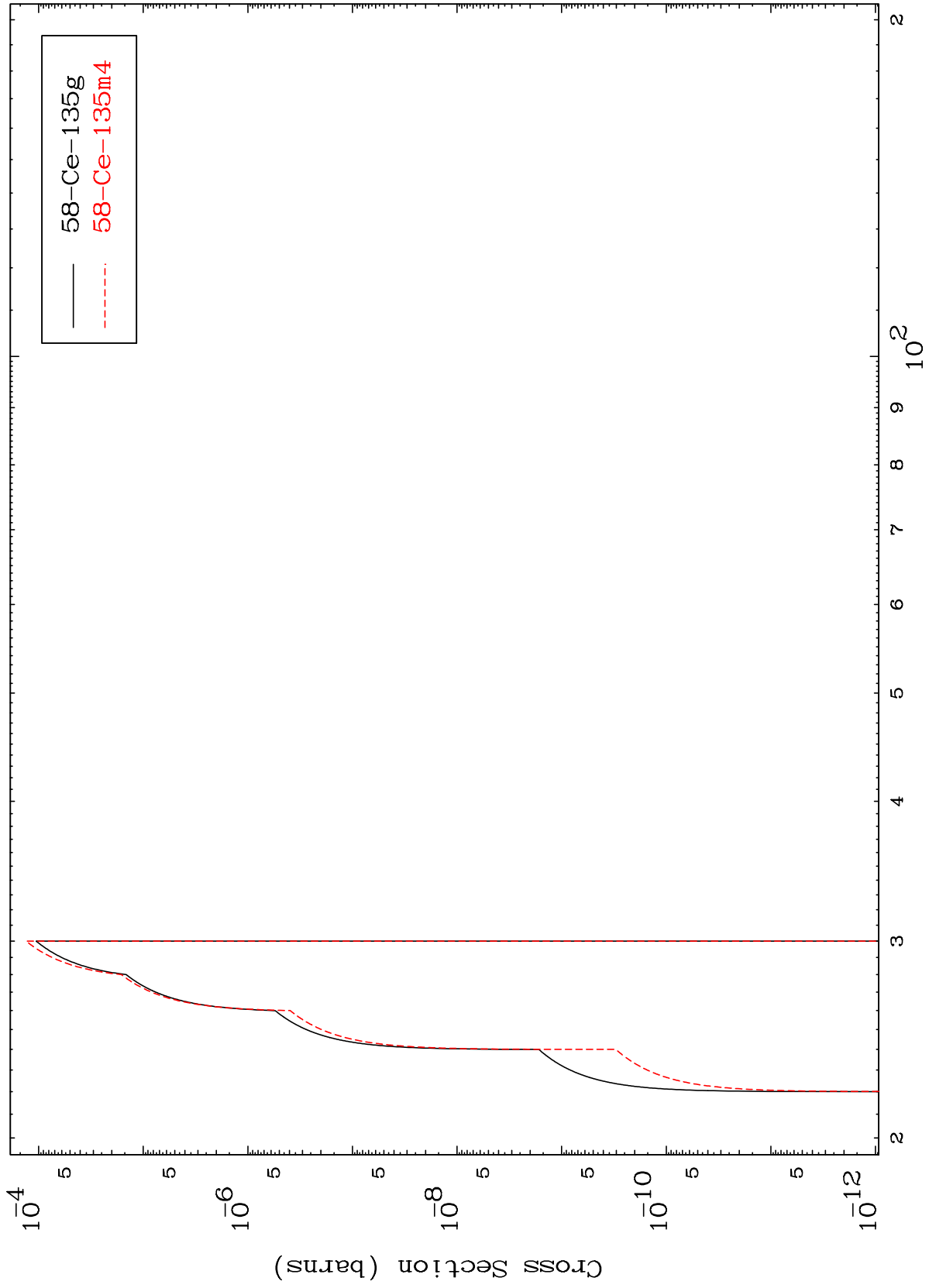
57-La-134

MAT 5713

( $\alpha, n'$ ) d

57-La-134

Radionuclide Production Cross Section



12

Incident Energy (MeV)

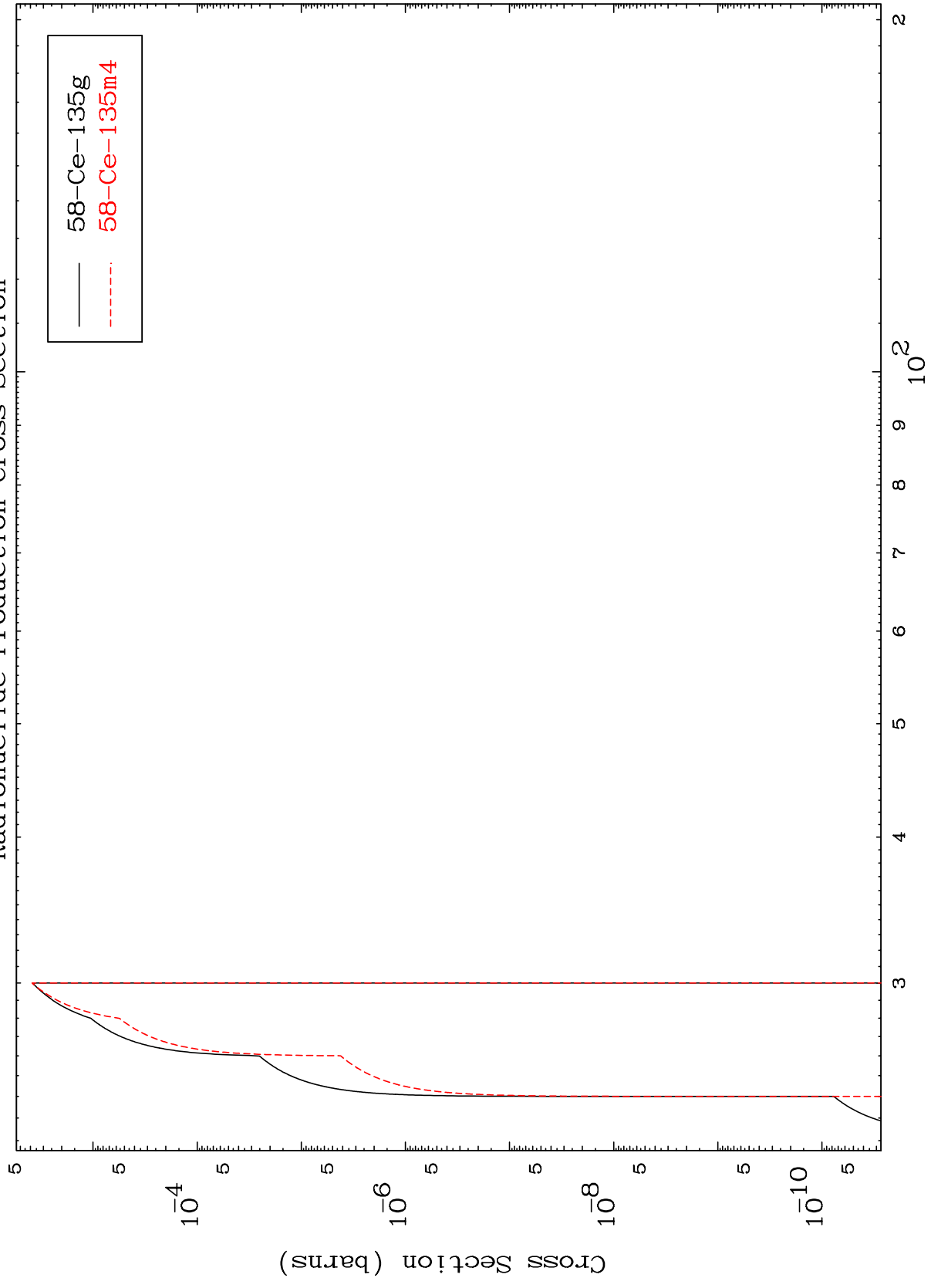
57-La-134

MAT 5713

( $\alpha, 2n$ ) p

57-La-134

Radionuclide Production Cross Section



13

Incident Energy (MeV)

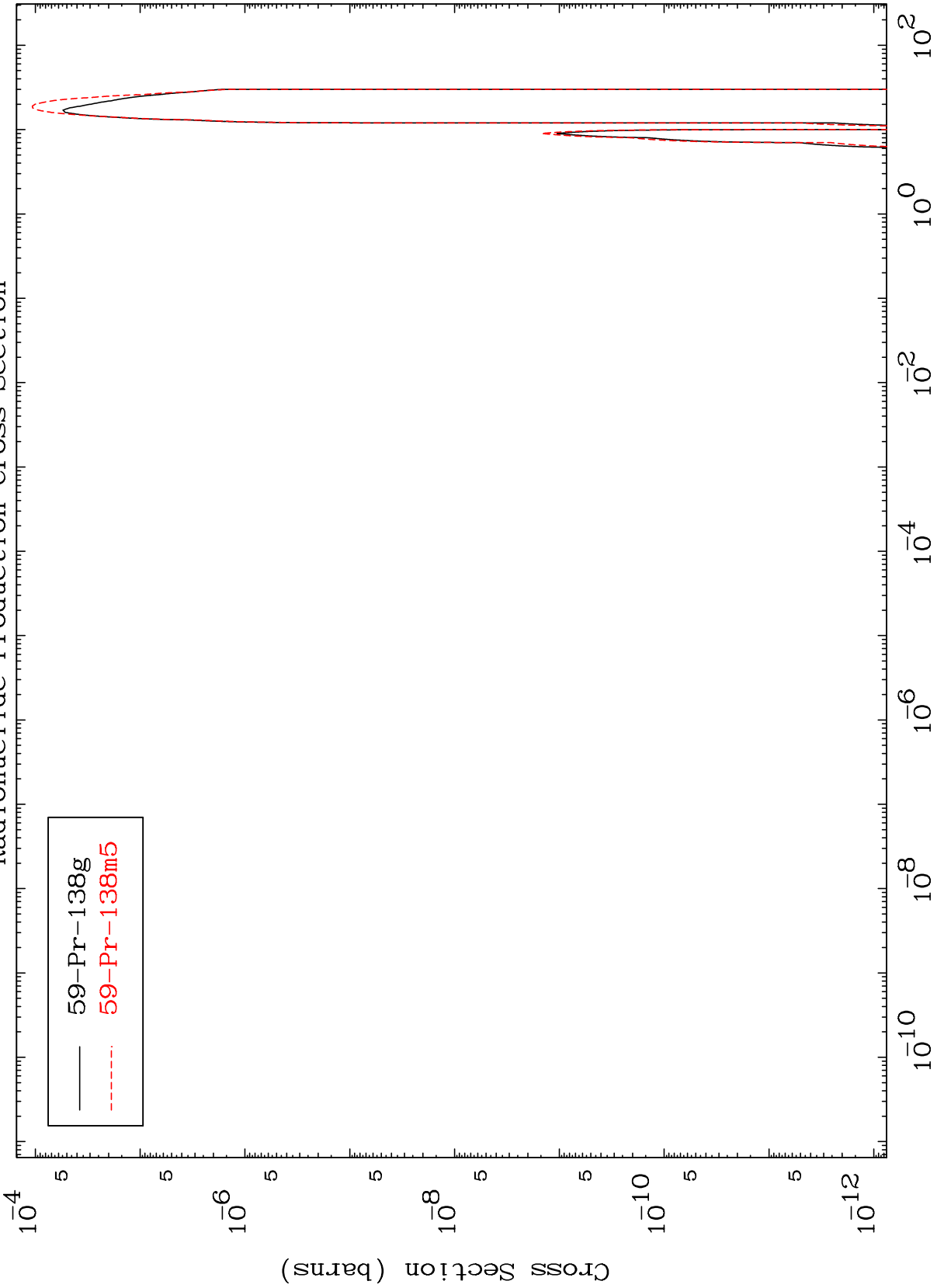
57-La-134

MAT 5713

( $\alpha, \gamma$ )

57-La-134

Radionuclide Production Cross Section



14

Incident Energy (MeV)

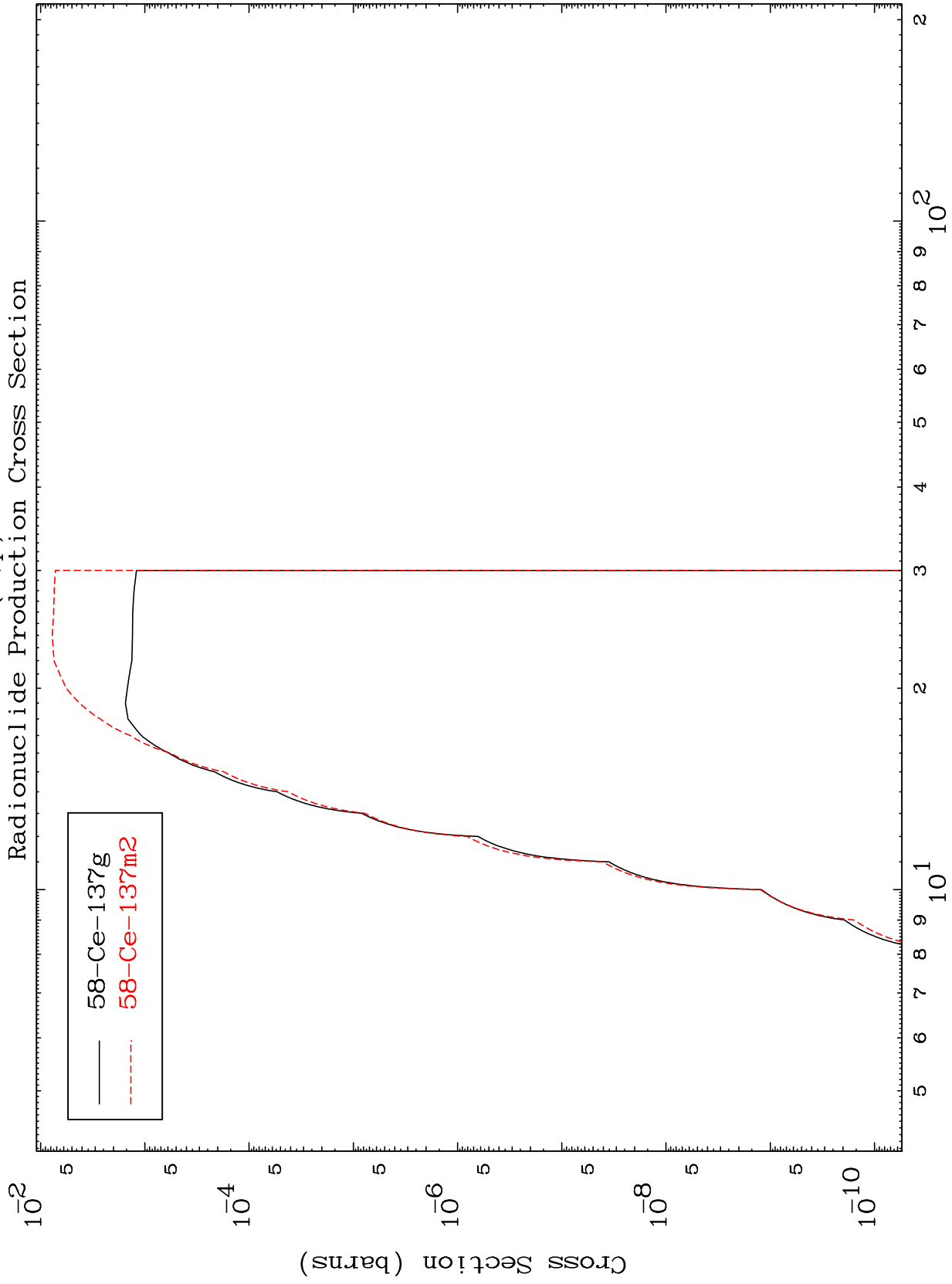
57-La-134

MAT 5713

57-La-134

Radionuclide Production Cross Section

( $\alpha, p$ )



15

Incident Energy (MeV)

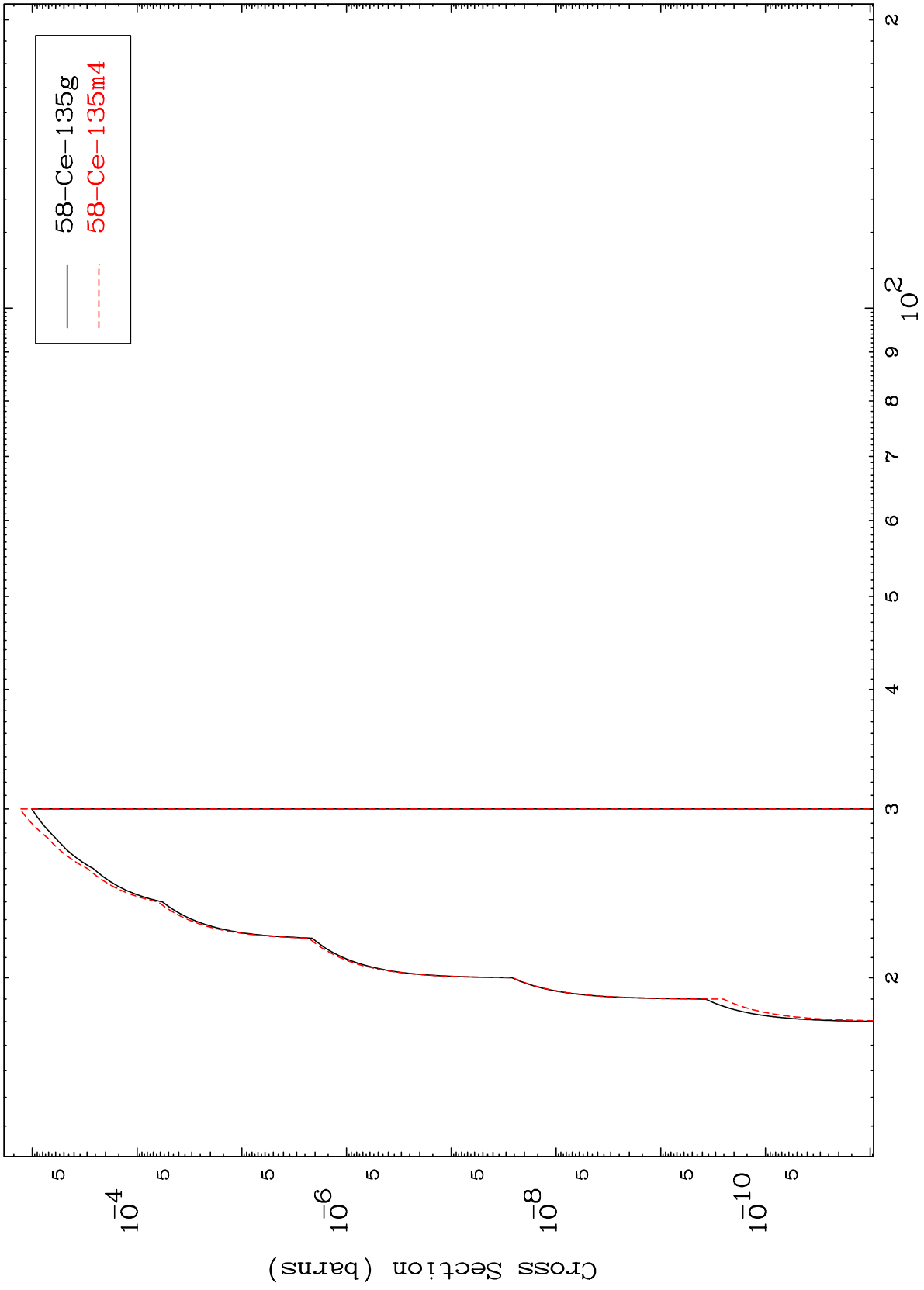
57-La-134



MAT 5713

57-La-134

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



16

Incident Energy (MeV)

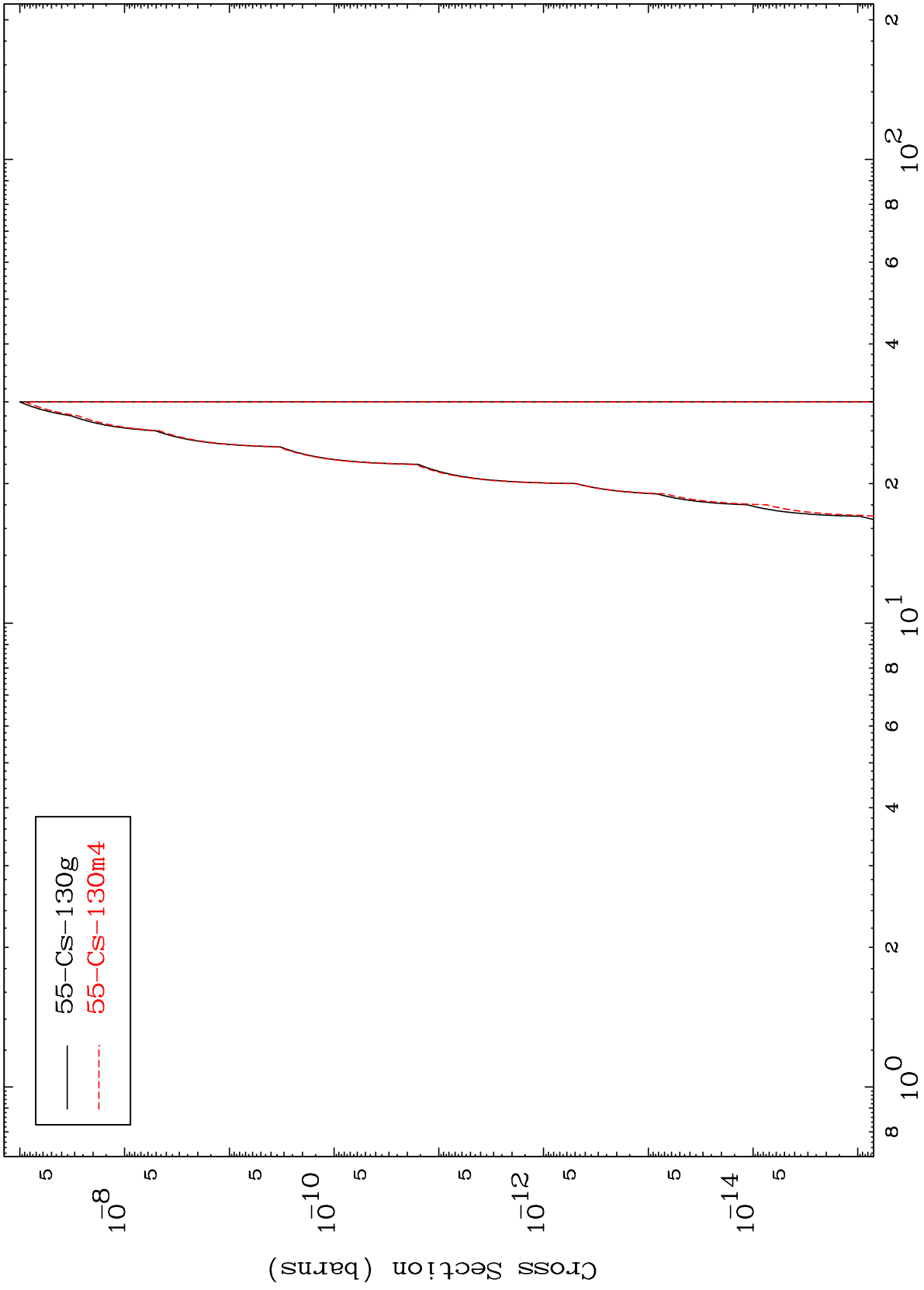
57-La-134

MAT 5713

( $\alpha, 2\alpha$ )

57-La-134

Radionuclide Production Cross Section



17

Incident Energy (MeV)

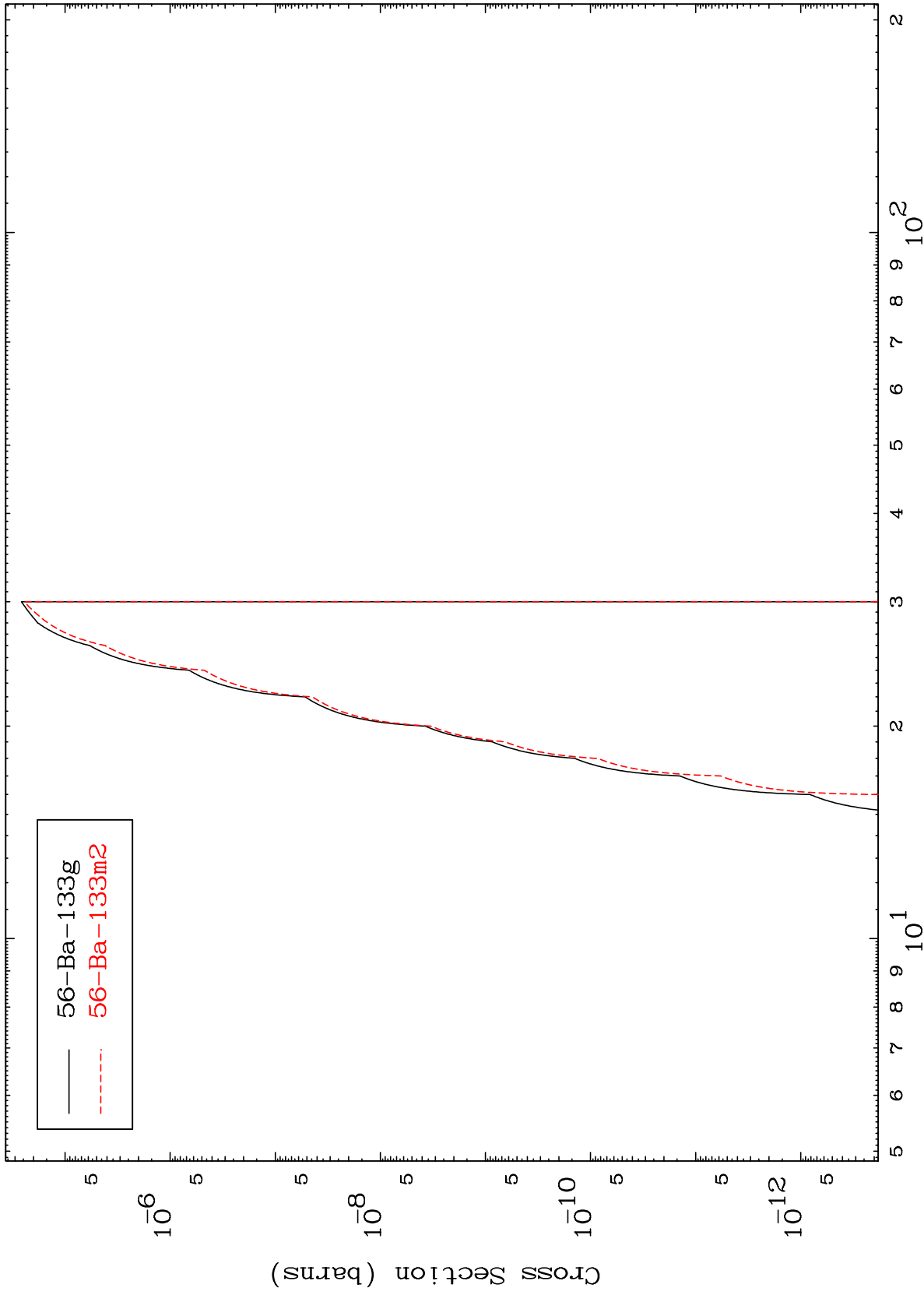
57-La-134

MAT 5713

( $\alpha, p$ )  $\alpha$

57-La-134

Radionuclide Production Cross Section



18

Incident Energy (MeV)

57-La-134