

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

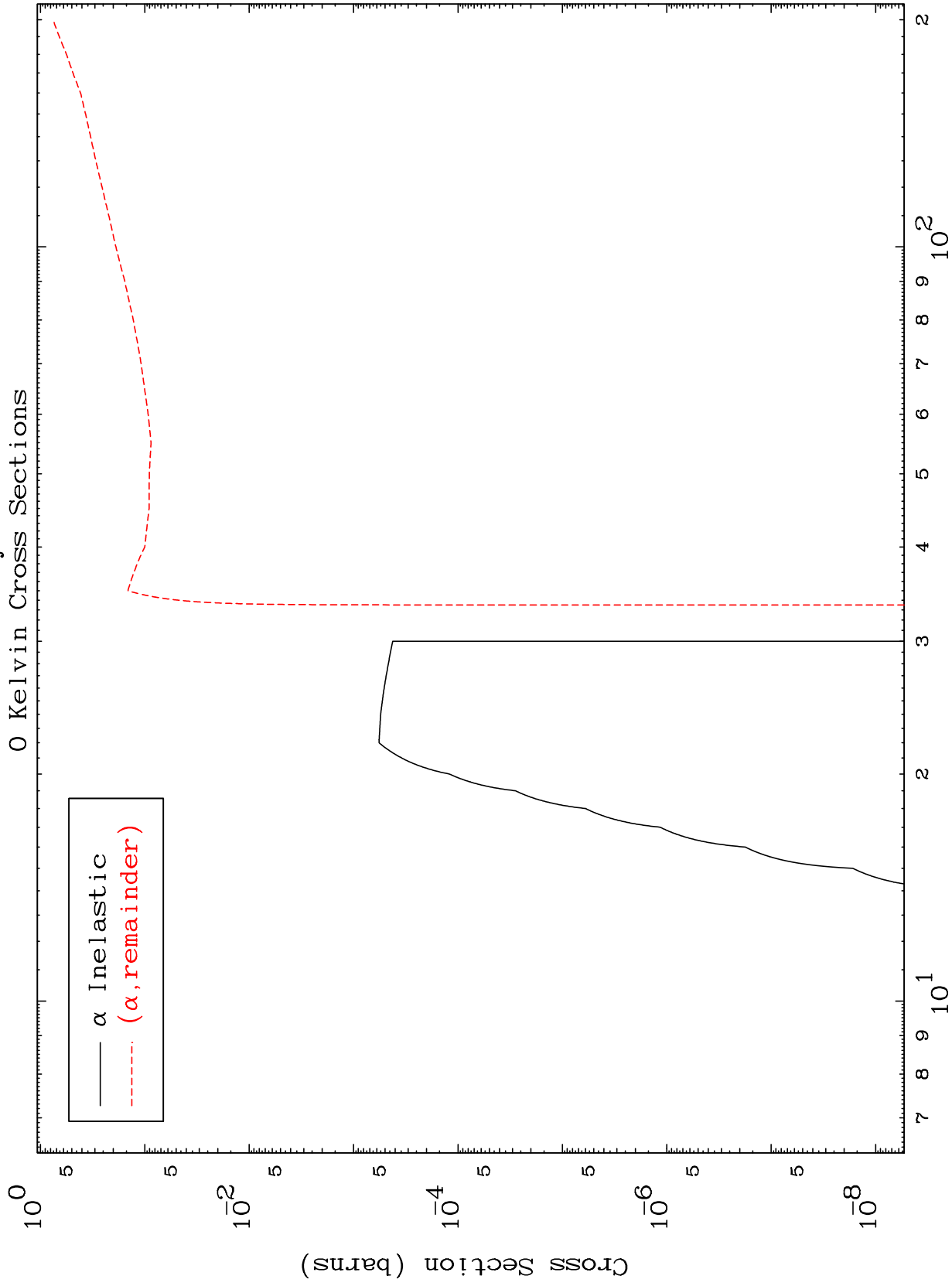
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9918

0 Kelvin  
 $\alpha$  Major  
Cross Sections

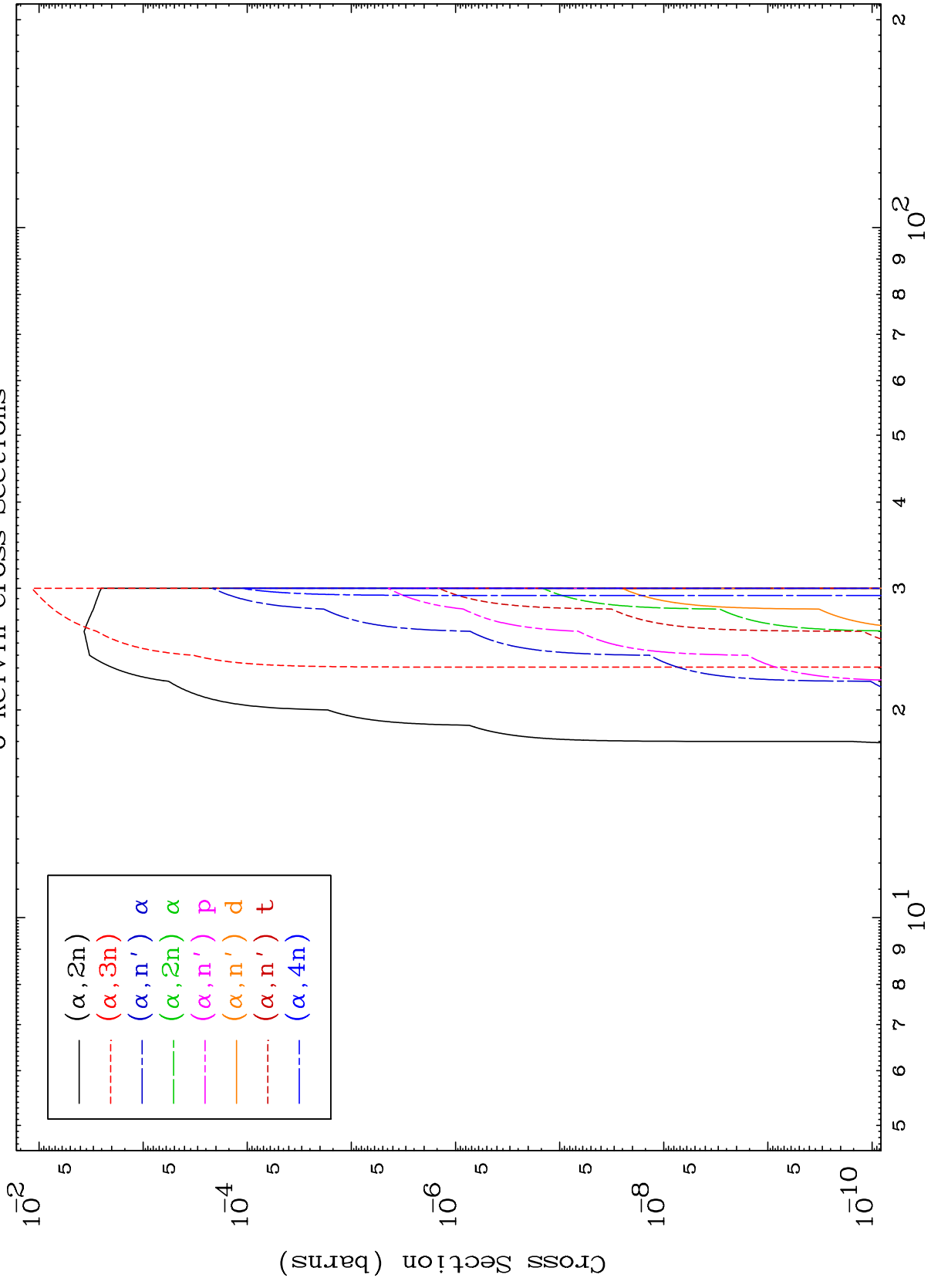
99-Es-258



1

Incident Energy (MeV)

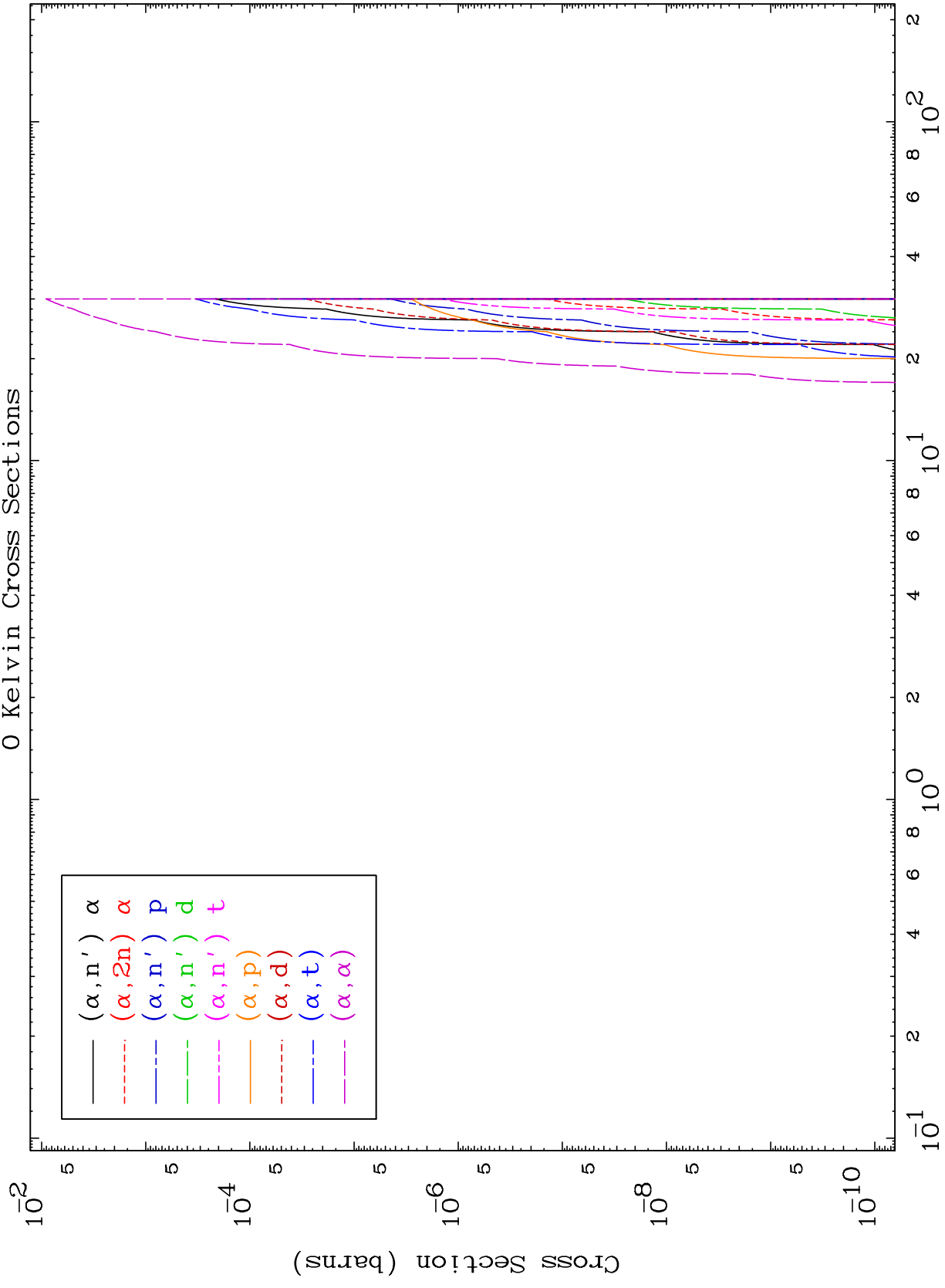
99-Es-258



MAT 9918

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

99-Es-258



Incident Energy (MeV)

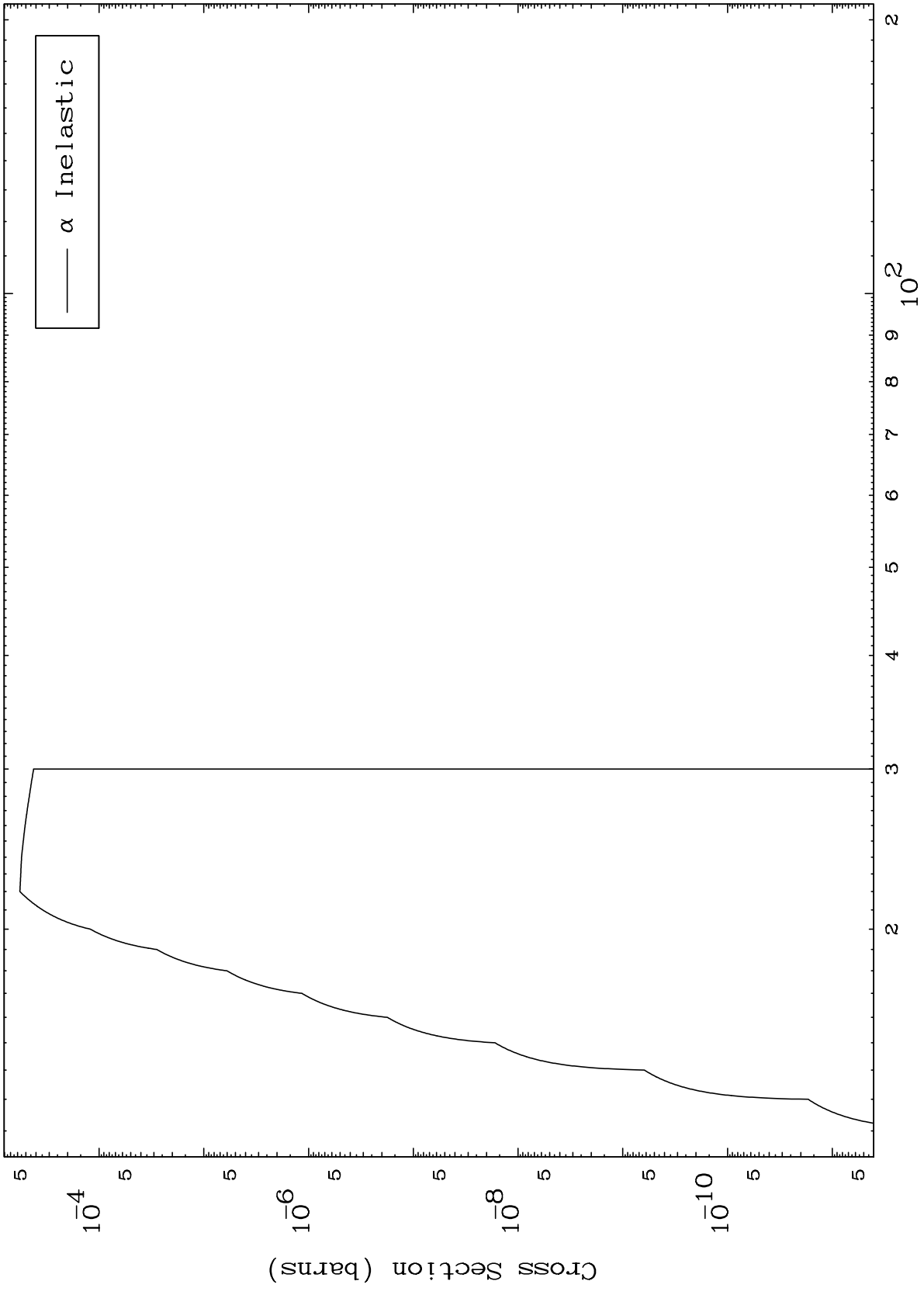
99-Es-258

3

MAT 9918

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

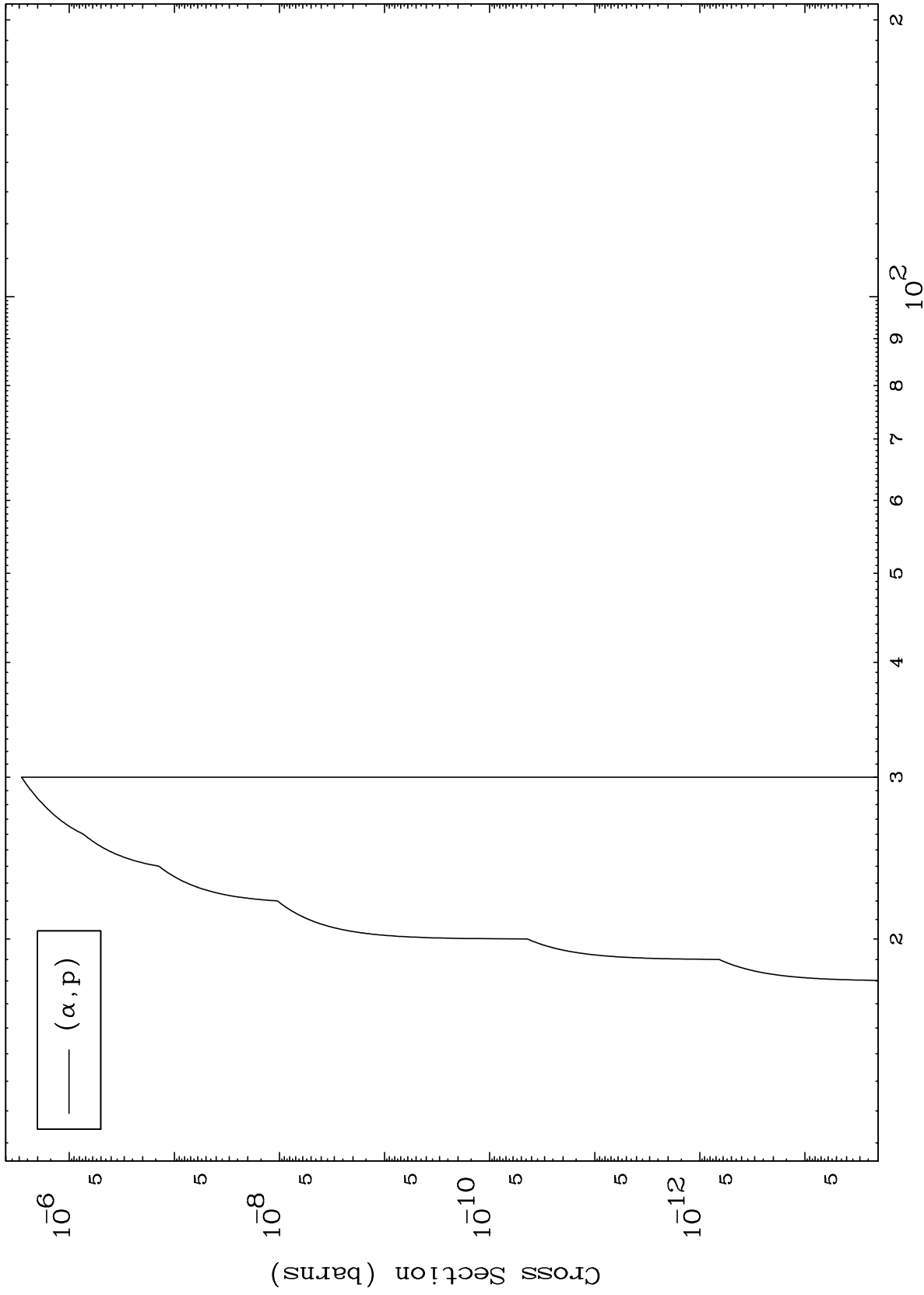
99-Es-258

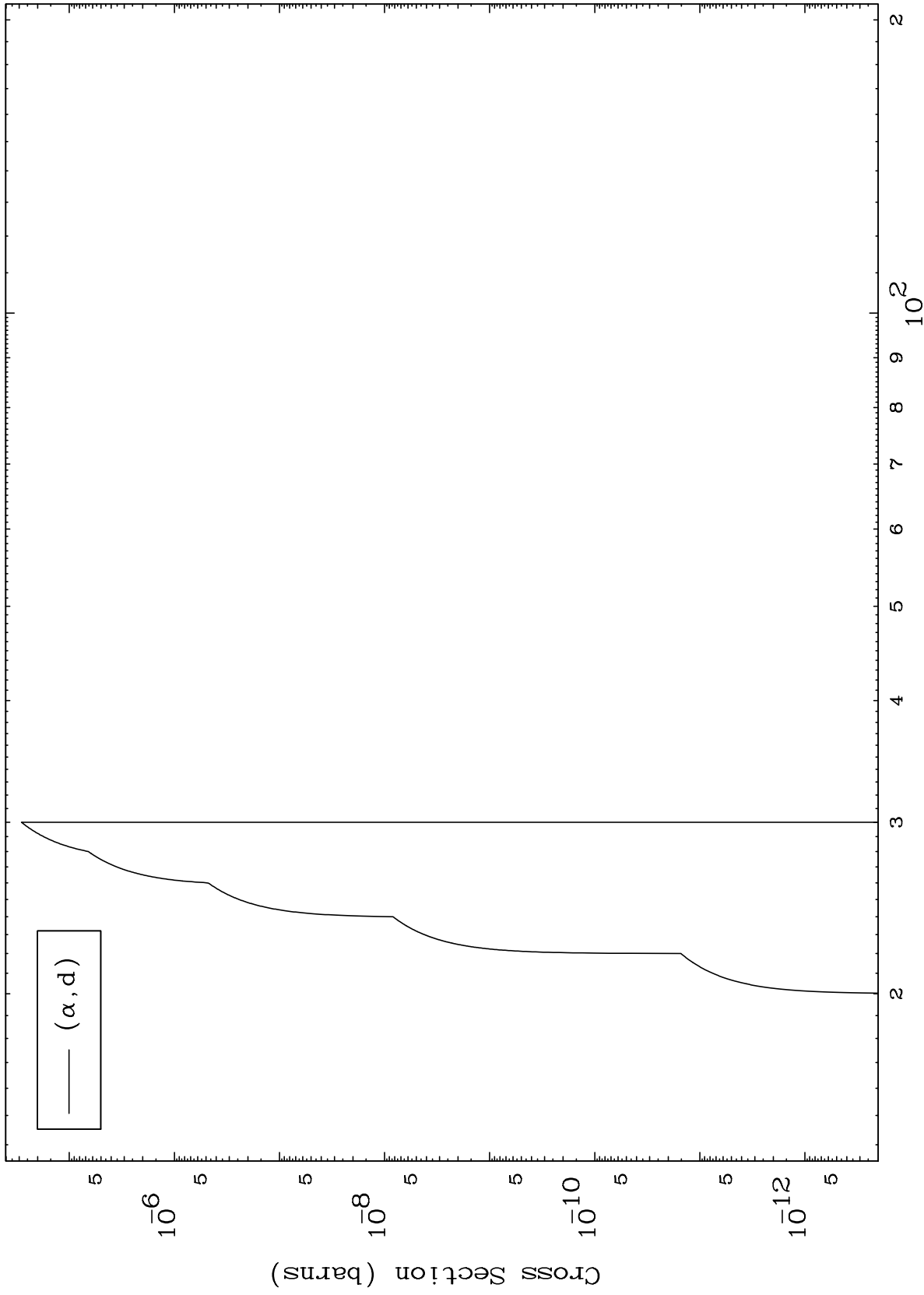


4

Incident Energy (MeV)

99-Es-258

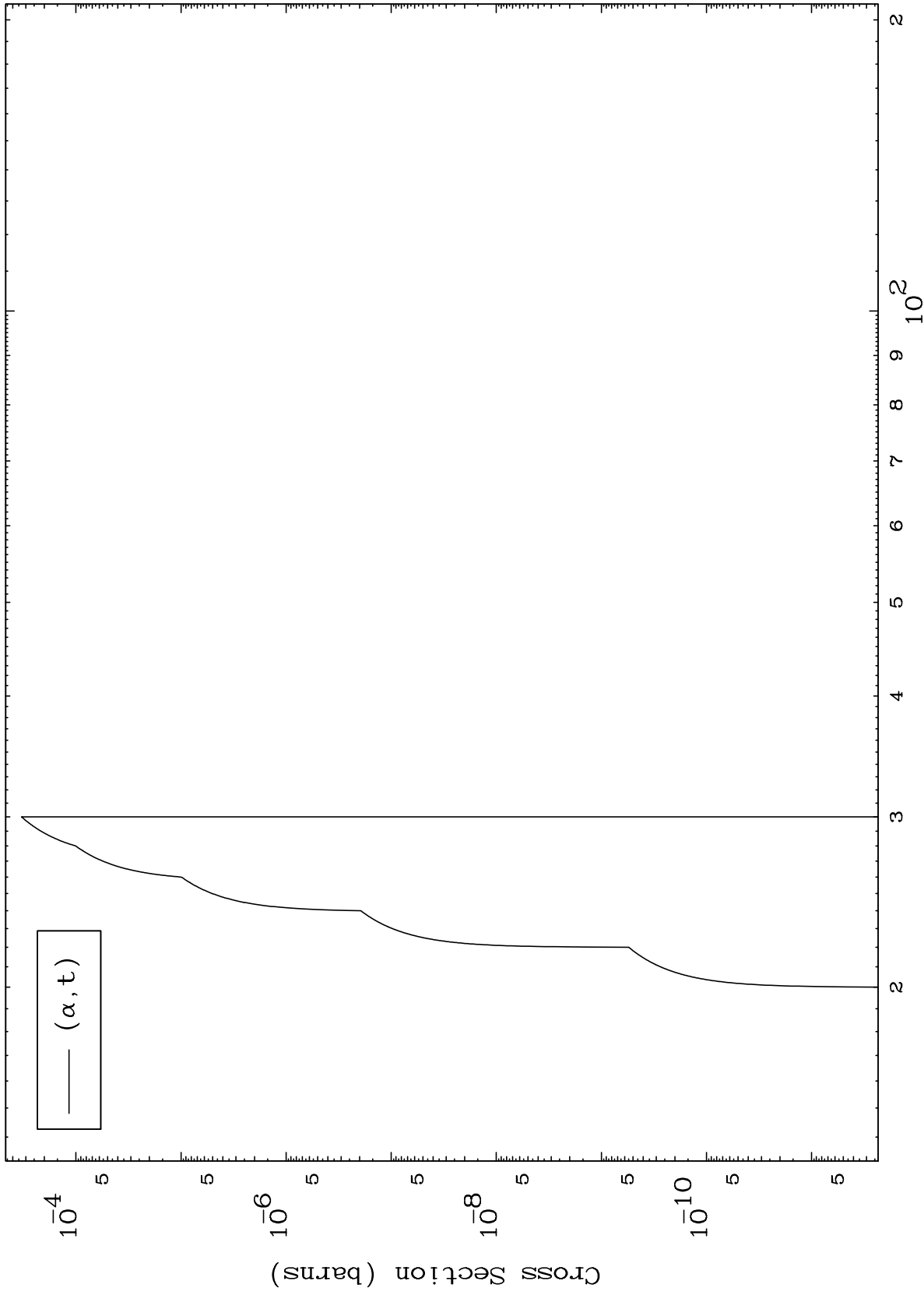




MAT 9918

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

99-Es-258



7

Incident Energy (MeV)

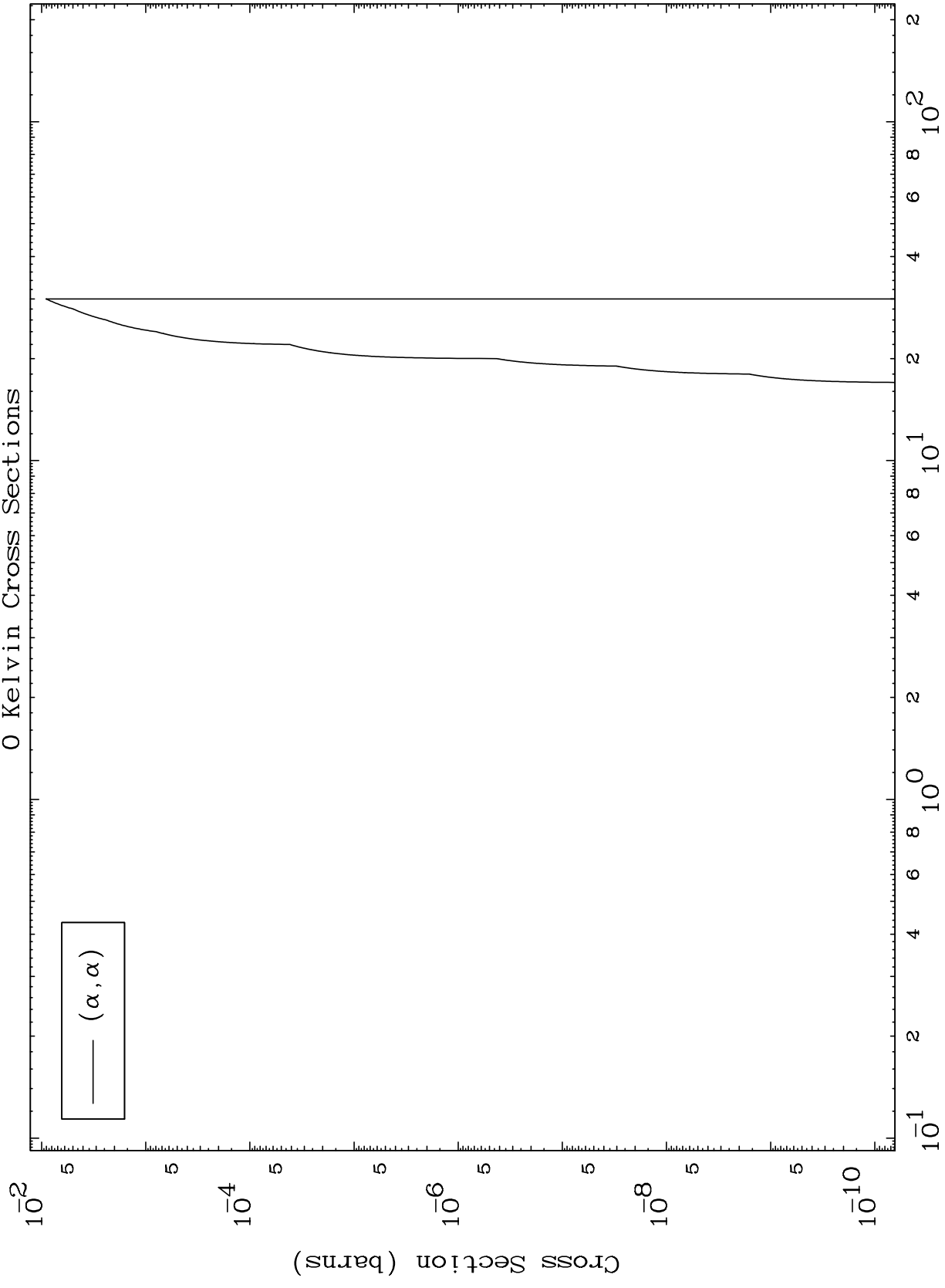
99-Es-258



MAT 9918

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

99-Es-258



8

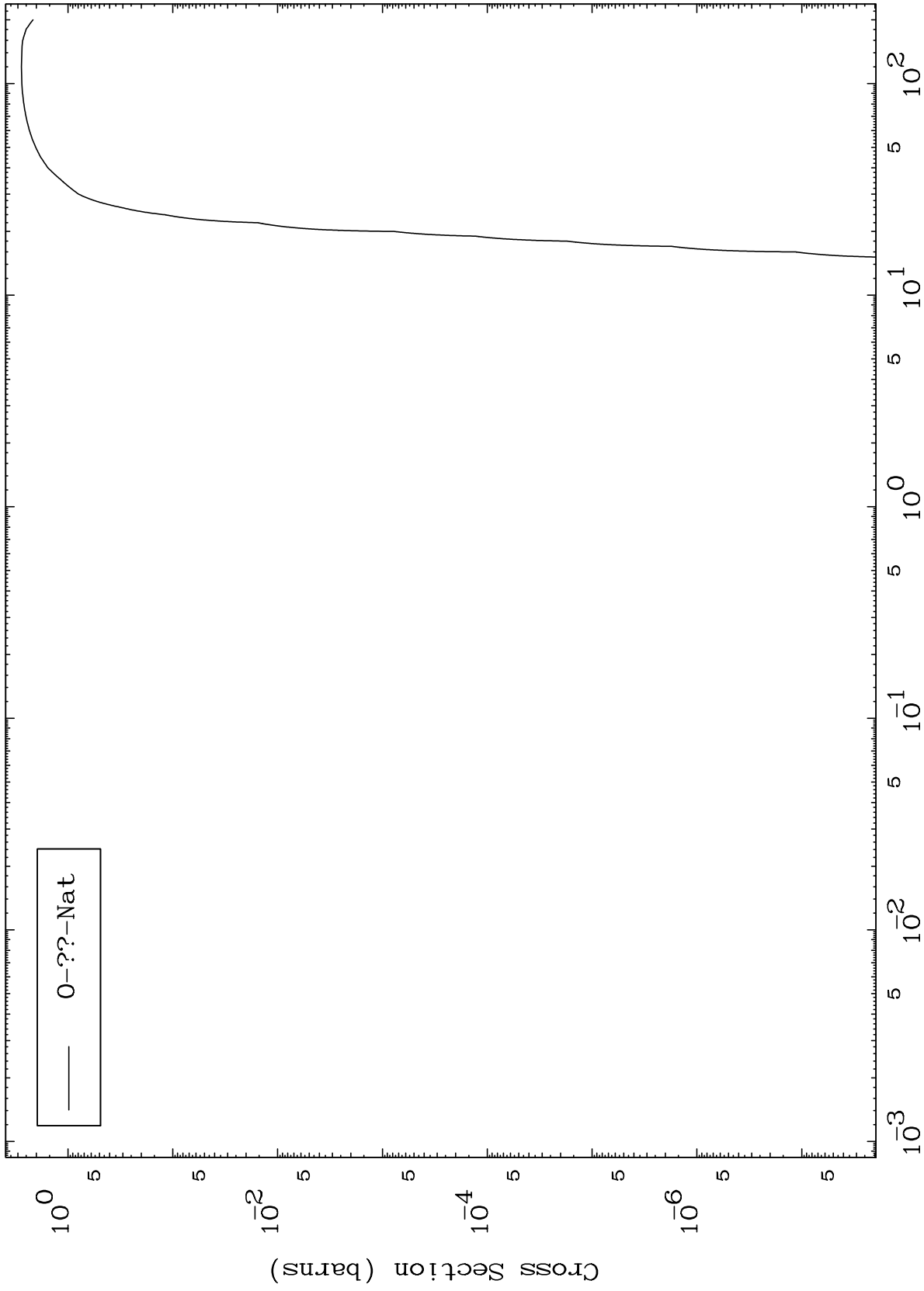
Incident Energy (MeV)

99-Es-258

MAT 9918

99-Es-258

$\alpha$  Fission  
Radionuclide Production Cross Section



99-Es-258

Incident Energy (MeV)

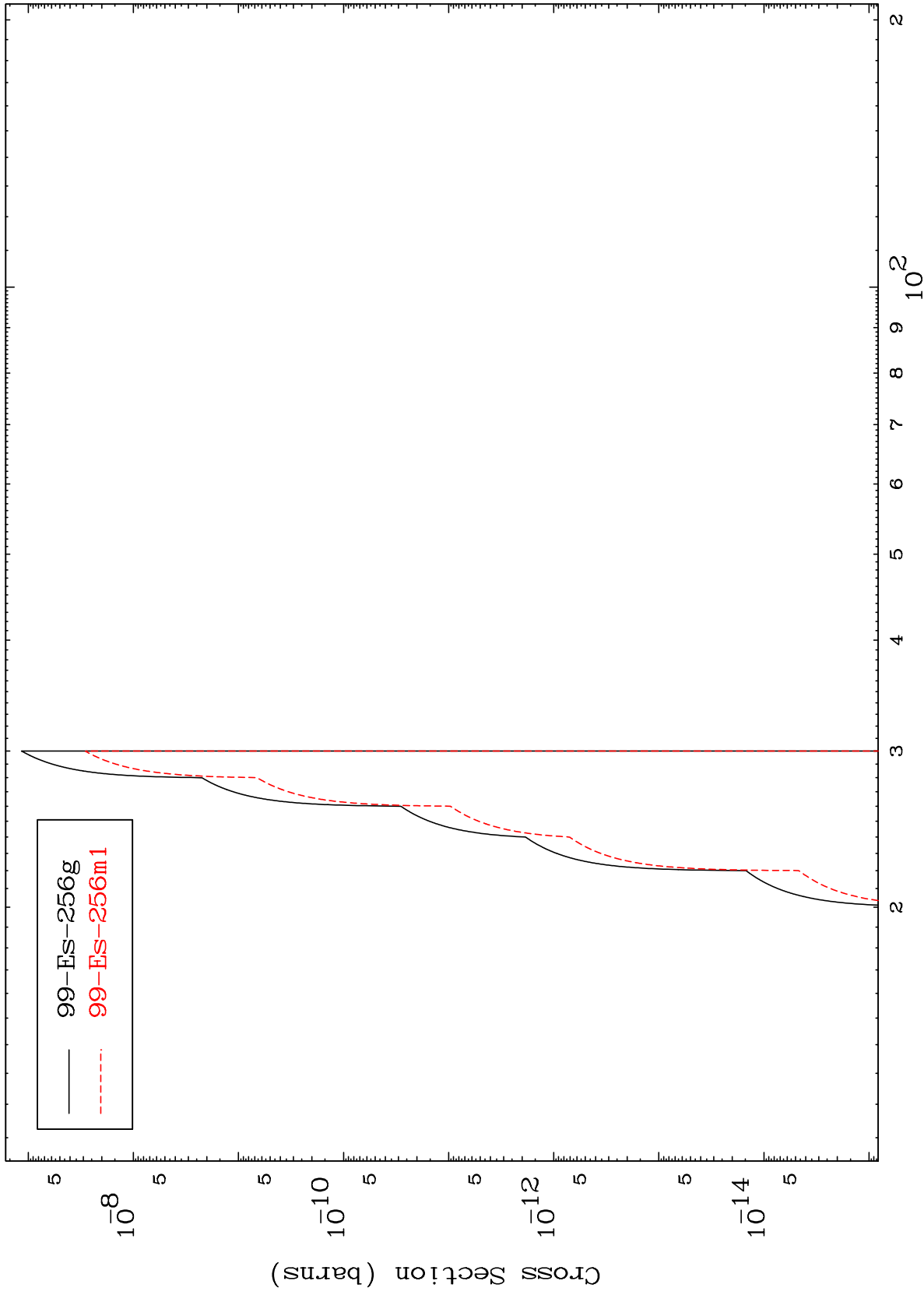
9

MAT 9918

( $\alpha, 2n$ )  $\alpha$

99-Es-258

Radionuclide Production Cross Section



10

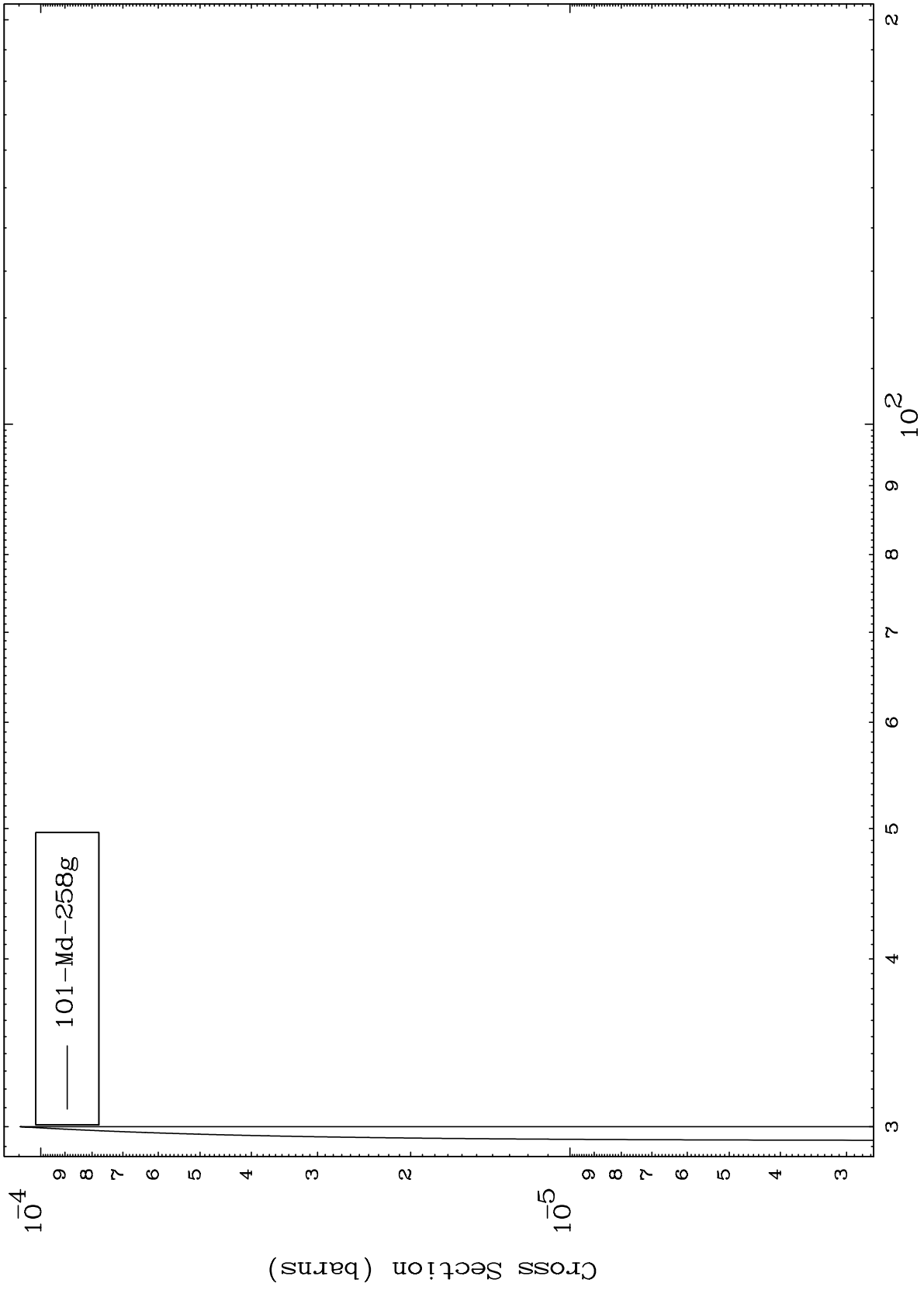
Incident Energy (MeV)

99-Es-258

MAT 9918

99-Es-258

( $\alpha, 4n$ )  
Radionuclide Production Cross Section



99-Es-258

Incident Energy (MeV)

11