

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

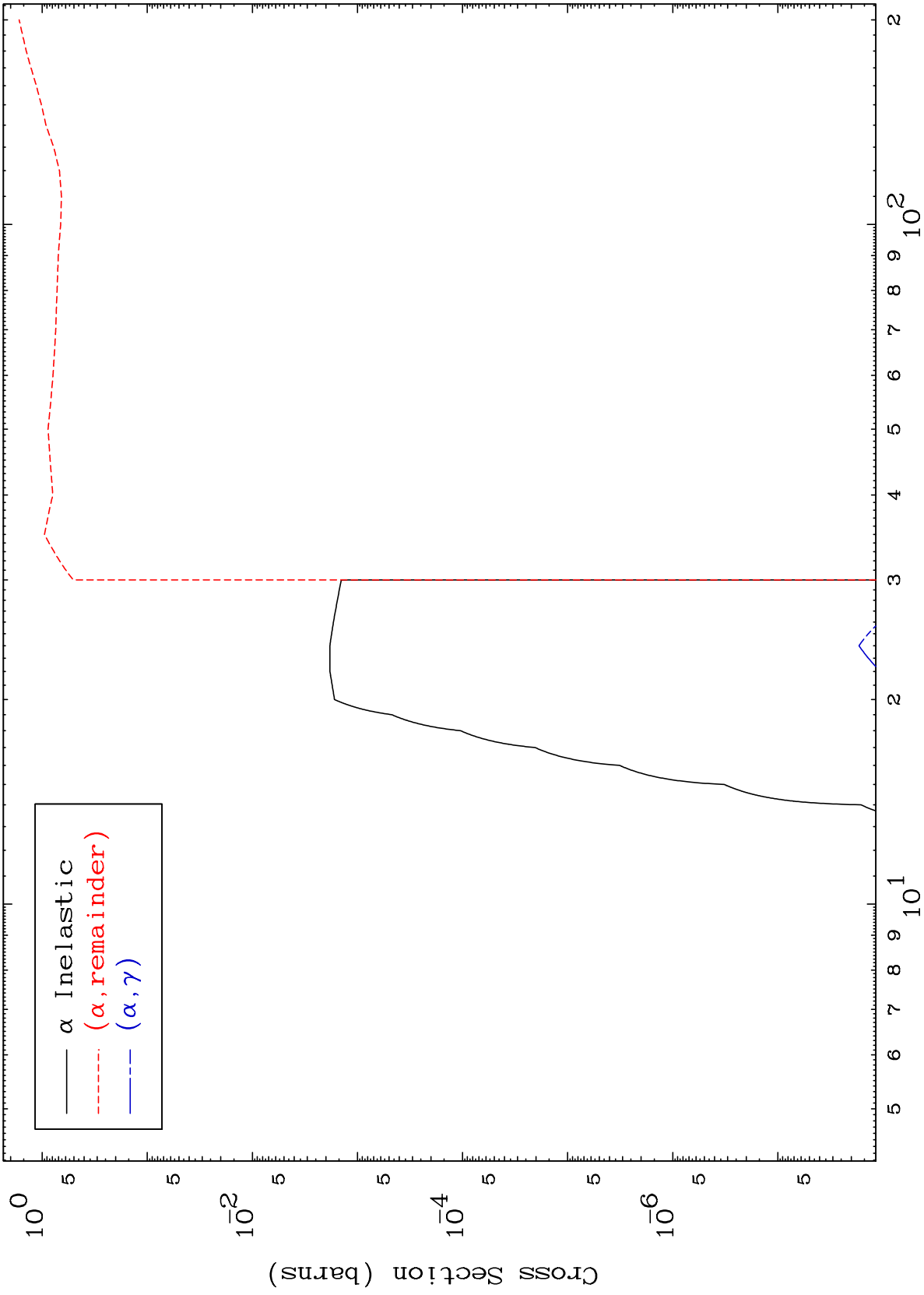
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9249

0 Kelvin  $\alpha$  Major  
Cross Sections

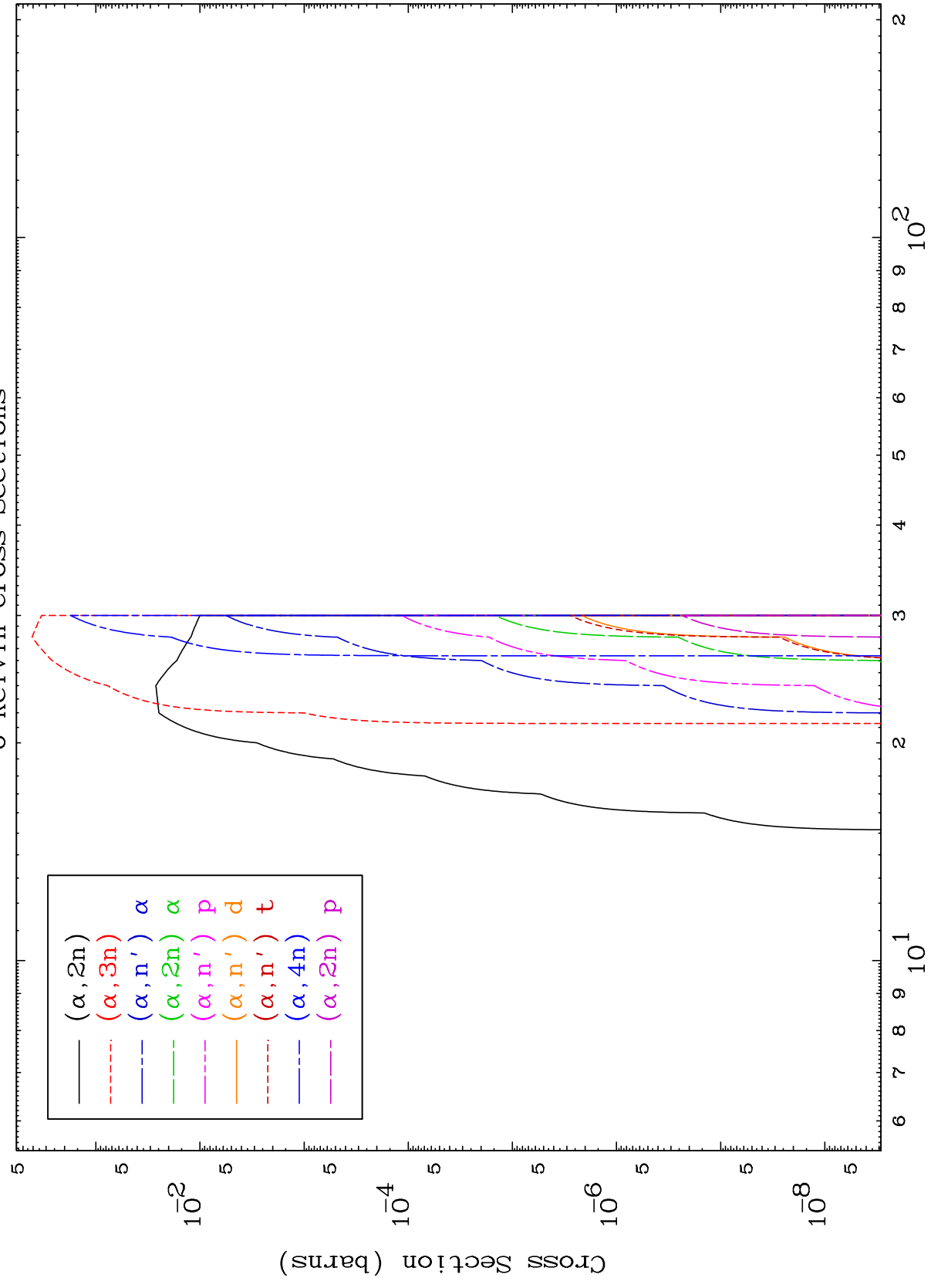
92-U -242



1

Incident Energy (MeV)

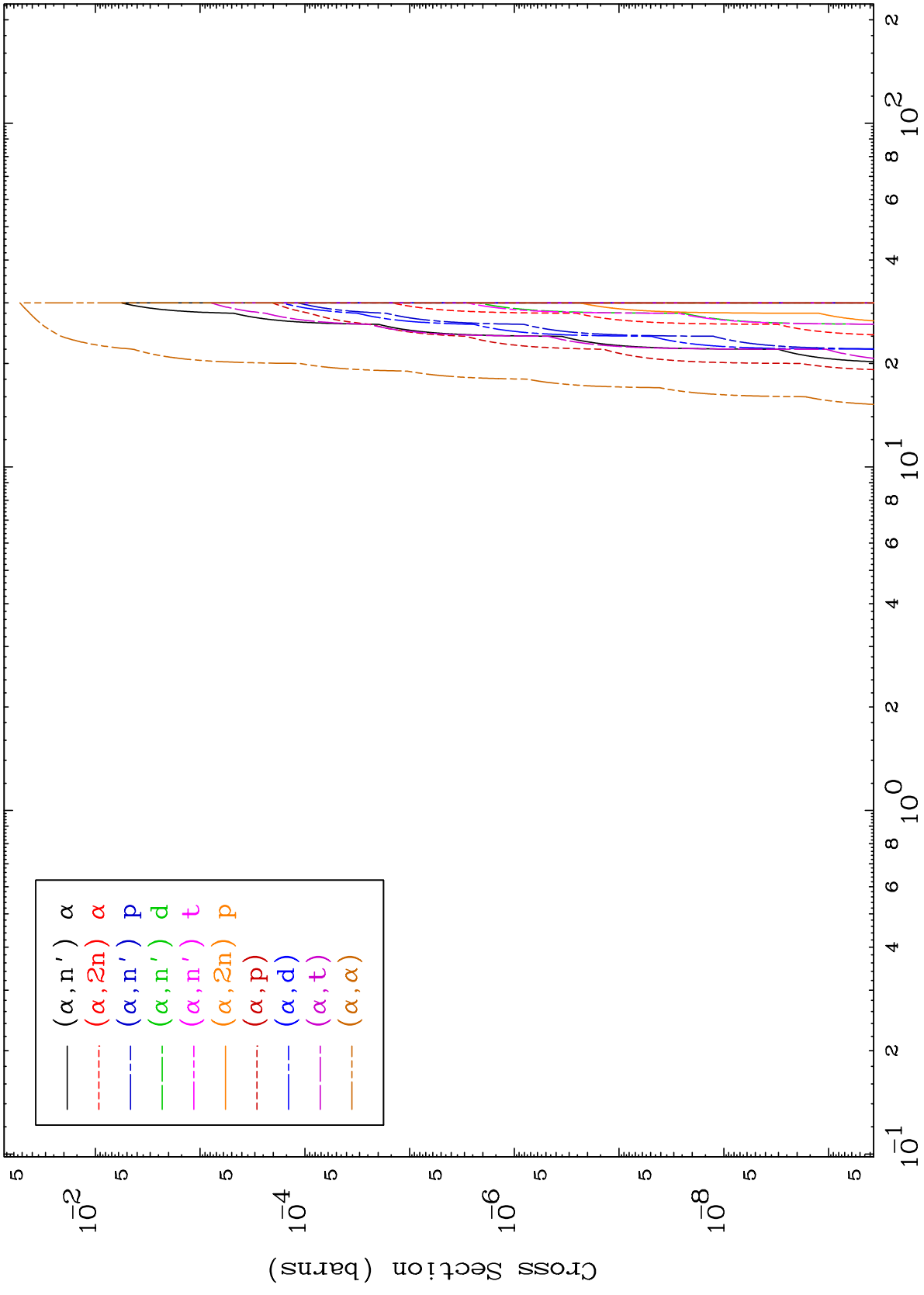
92-U -242



MAT 9249

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

92-U -242



Incident Energy (MeV)

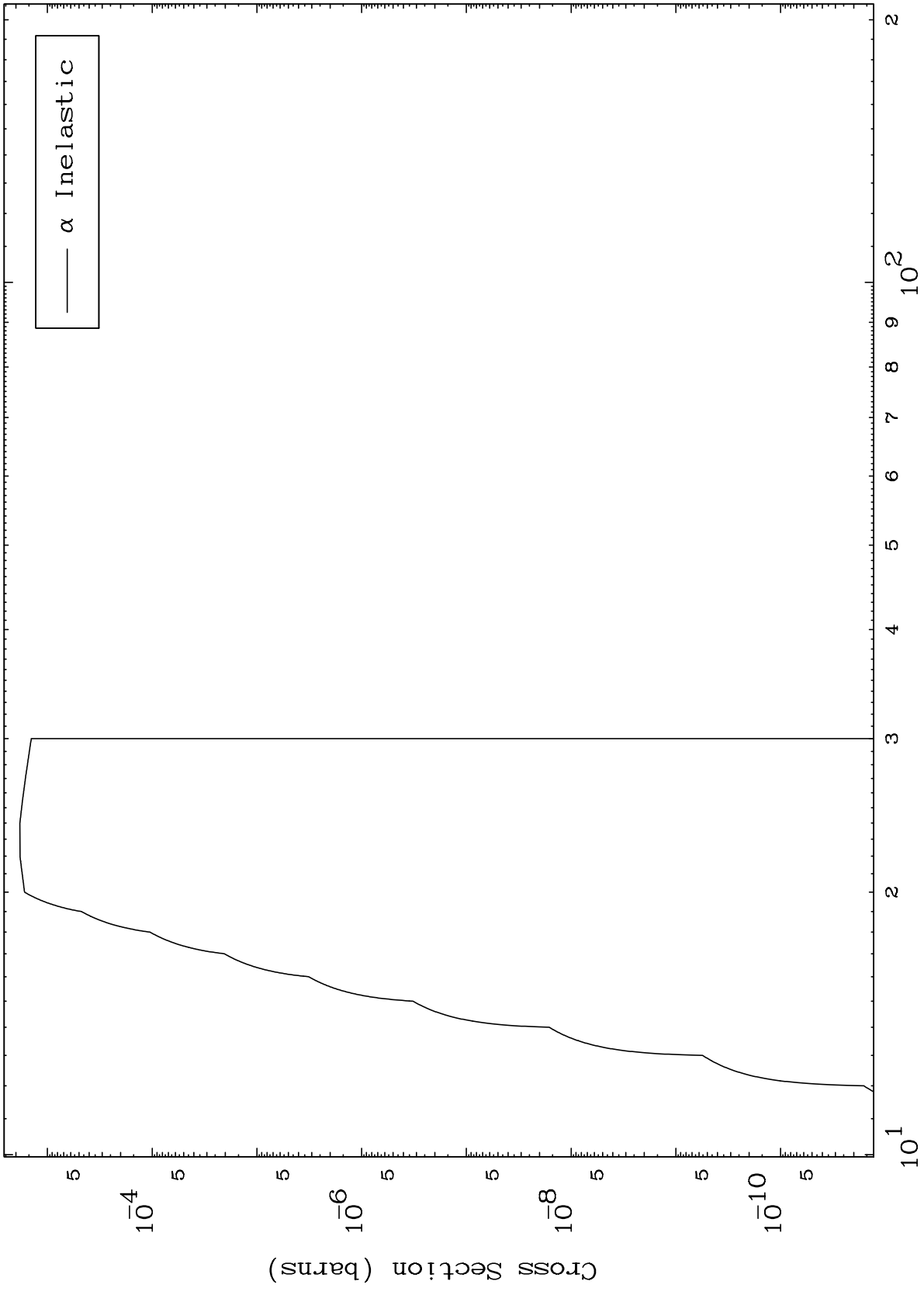
92-U -242

3

MAT 9249

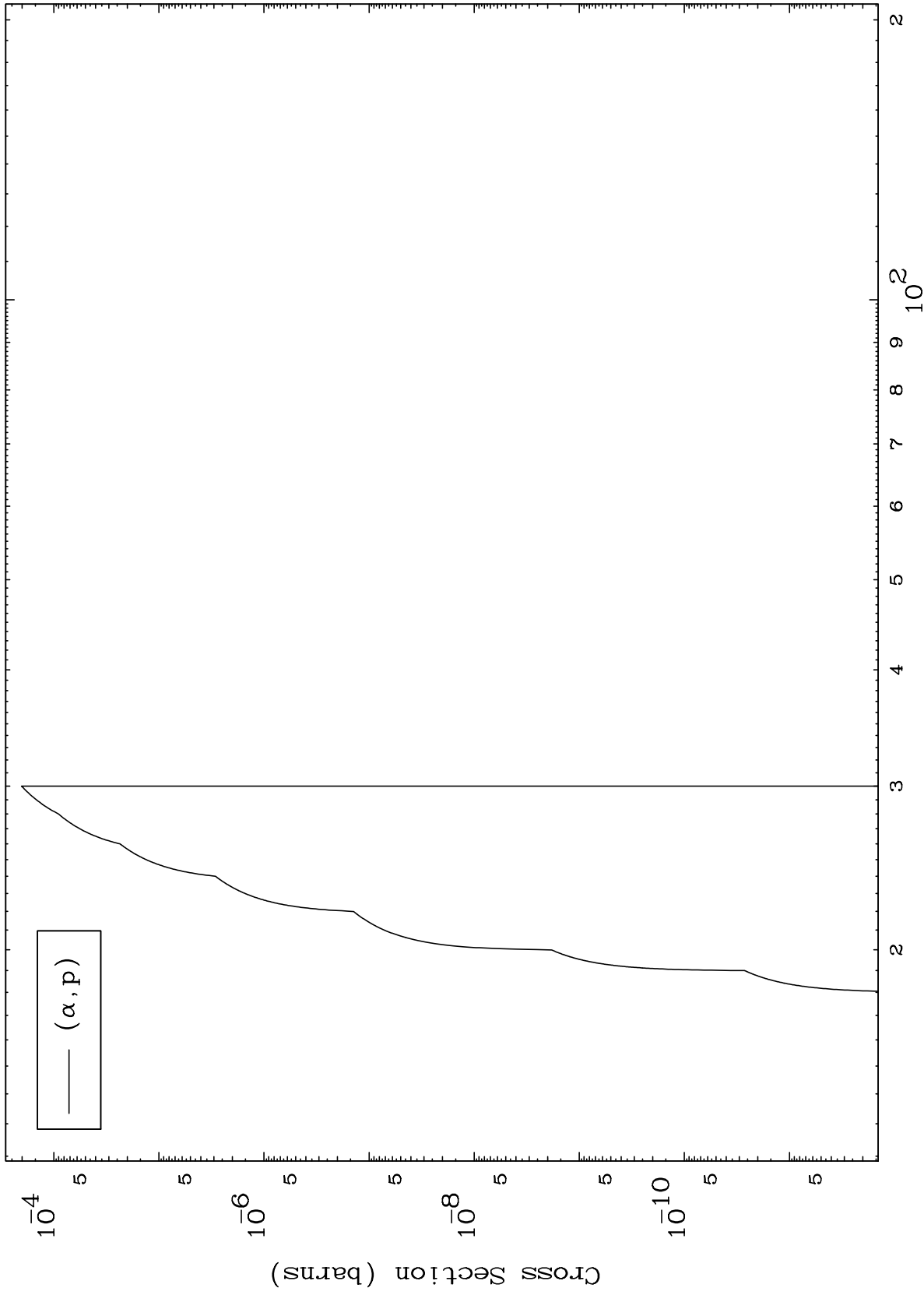
( $\alpha, n'$ ) Level  
0 Kelvin Cross Sections

92-U -242



Incident Energy (MeV)

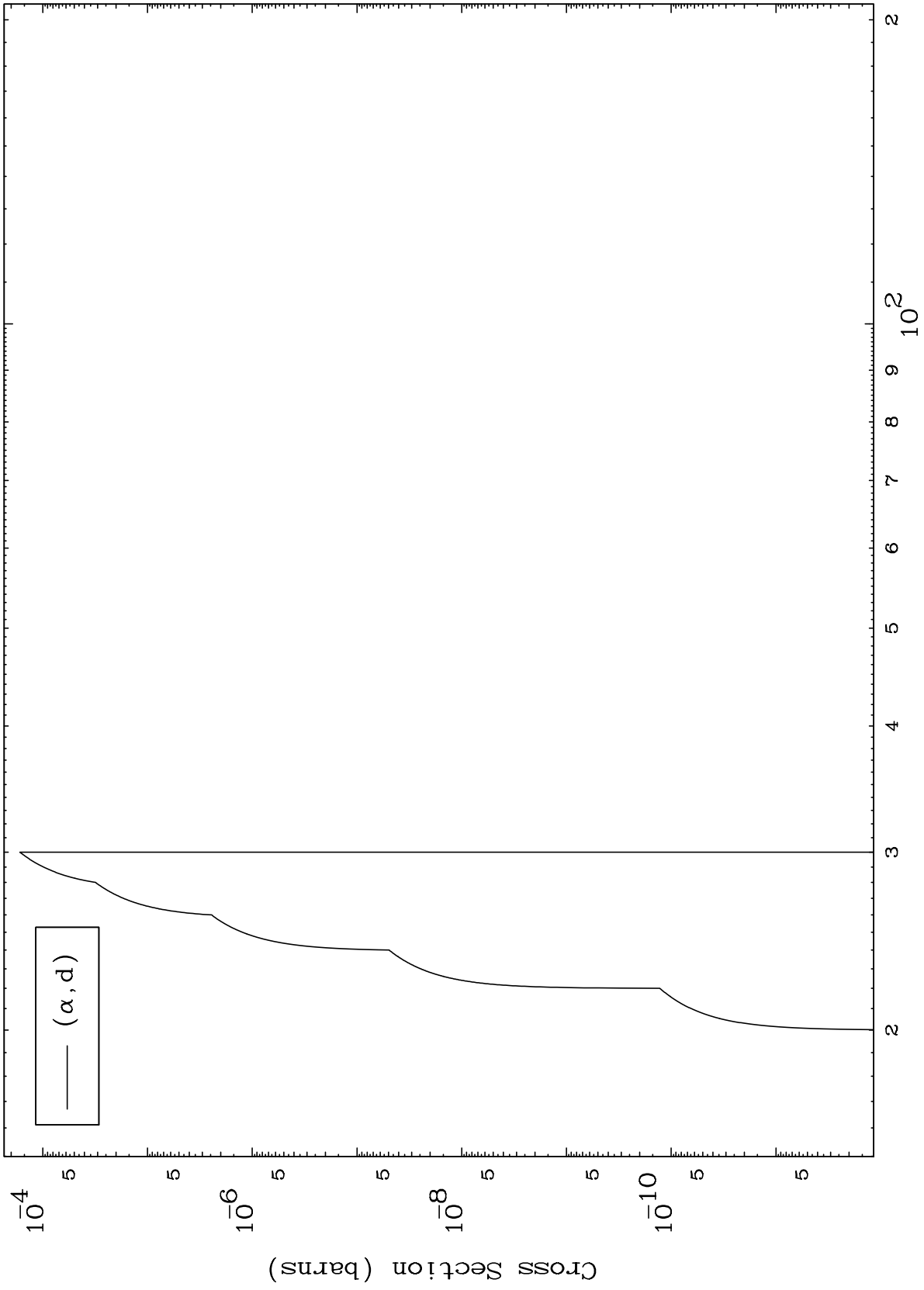
92-U -242



MAT 9249

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

92-U -242



6

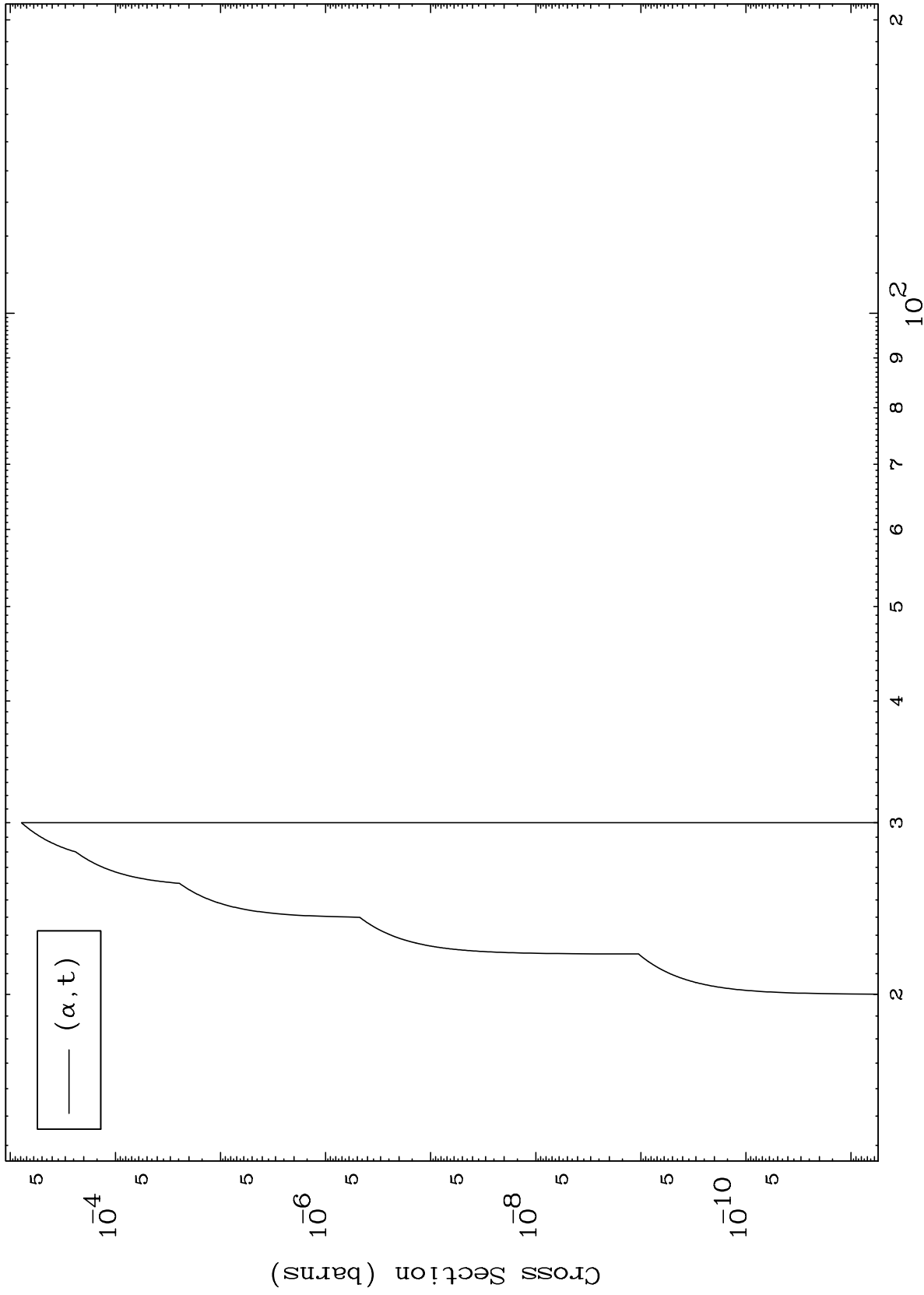
Incident Energy (MeV)

92-U -242

MAT 9249

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

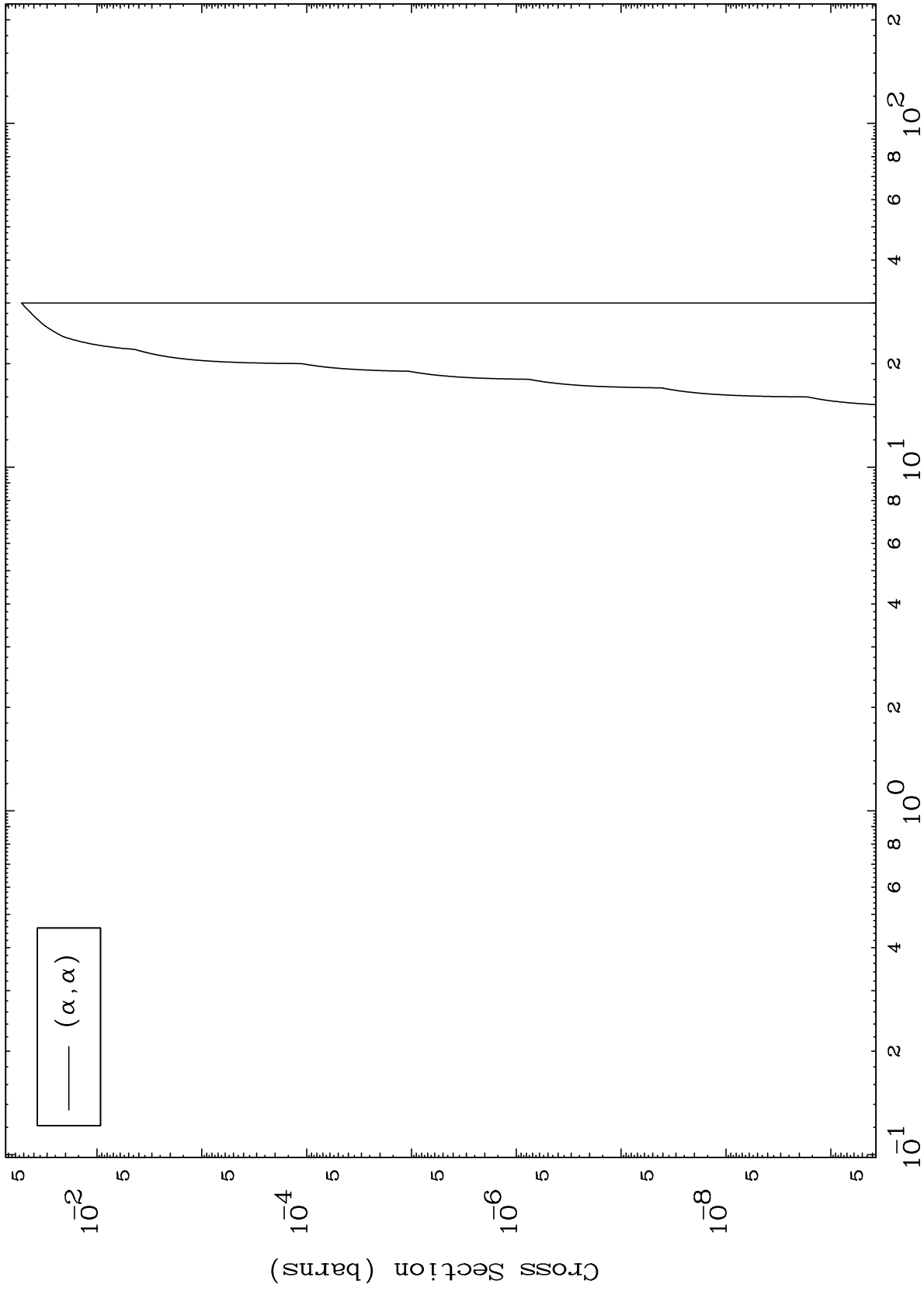
92-U -242



MAT 9249

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

92-U -242



8

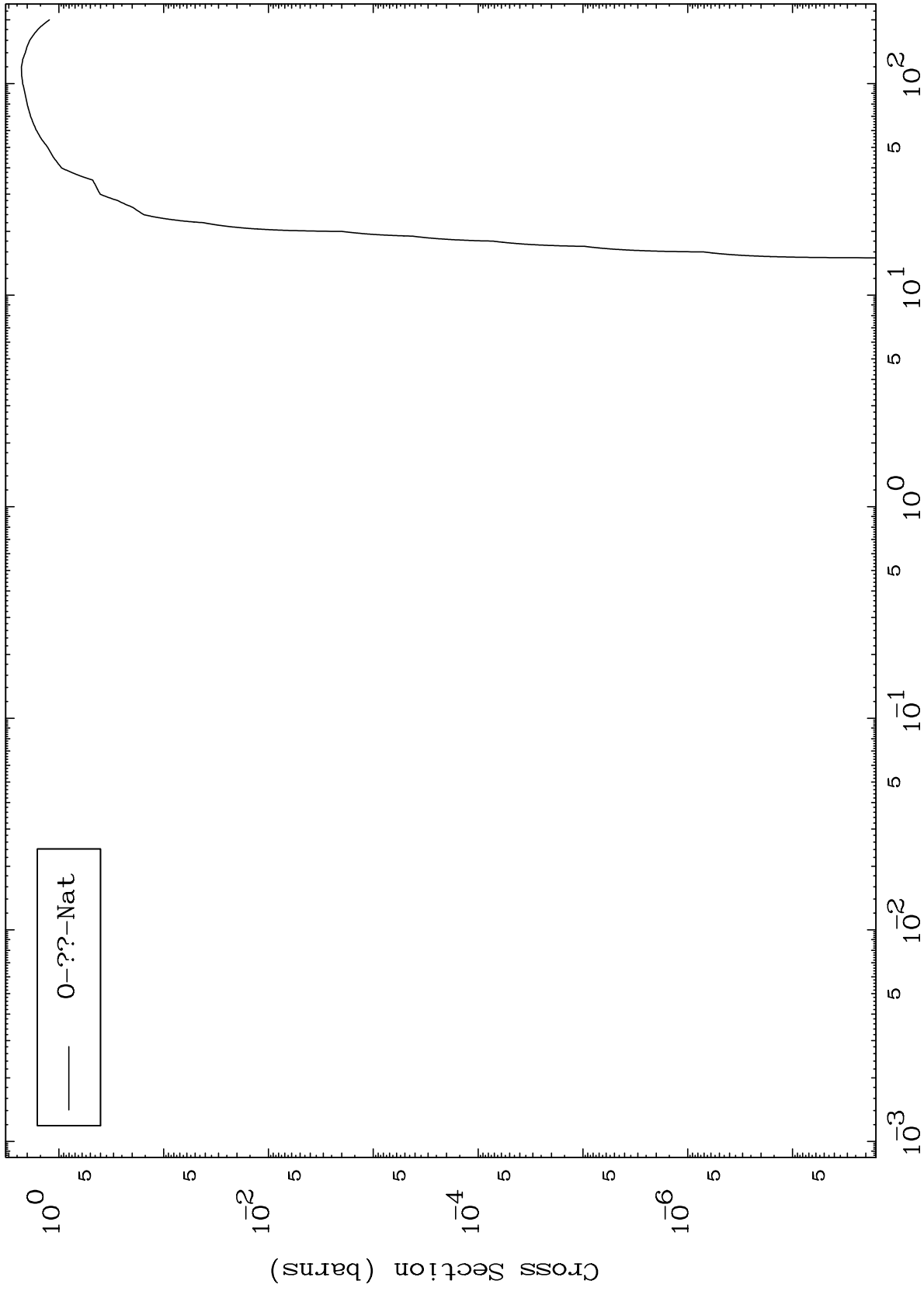
Incident Energy (MeV)

92-U -242

MAT 9249

92-U -242

$\alpha$  Fission  
Radionuclide Production Cross Section



Incident Energy (MeV)

92-U -242

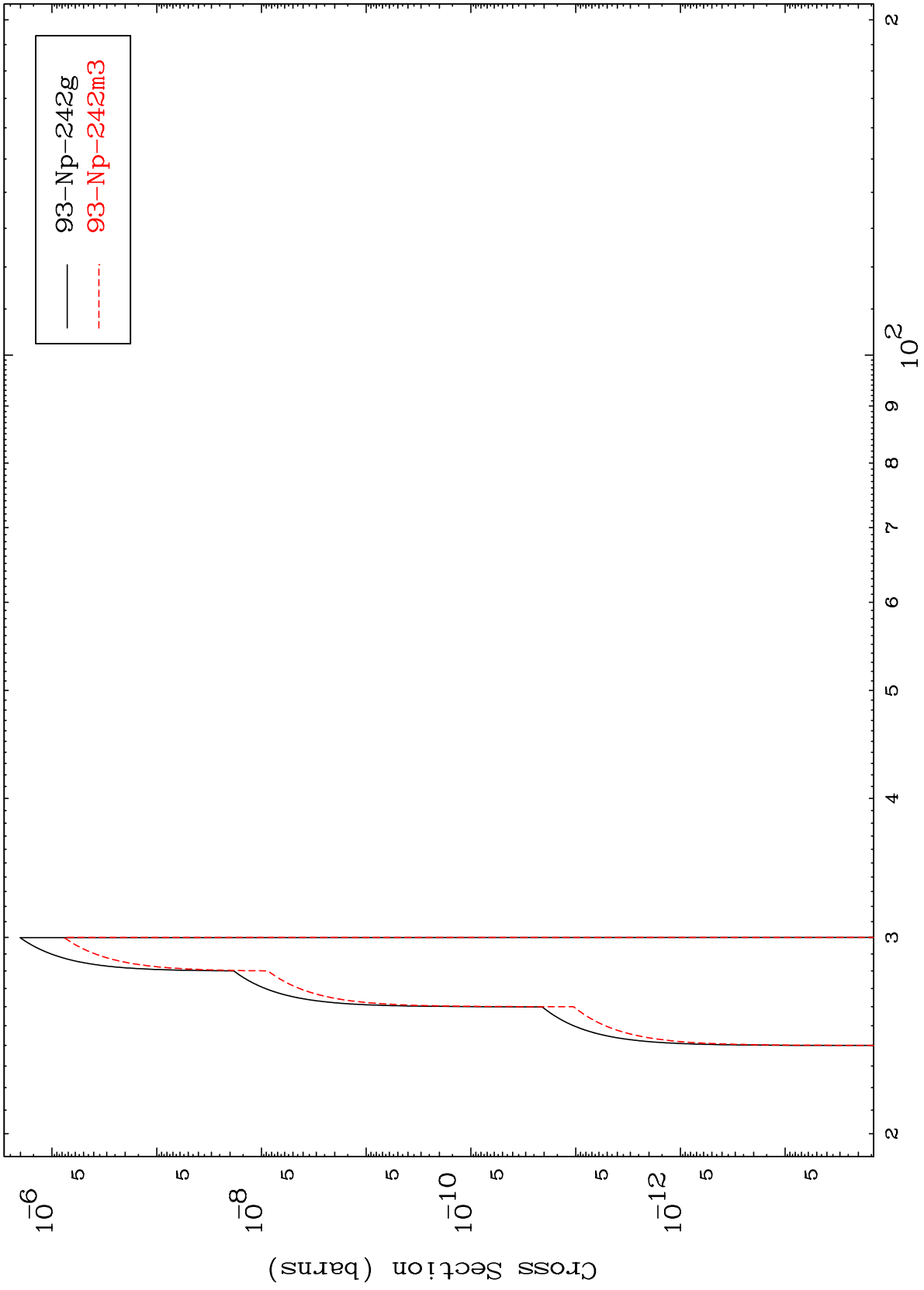
9

MAT 9249

( $\alpha, n'$ ) t

92-U -242

Radionuclide Production Cross Section



10

Incident Energy (MeV)

92-U -242