

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

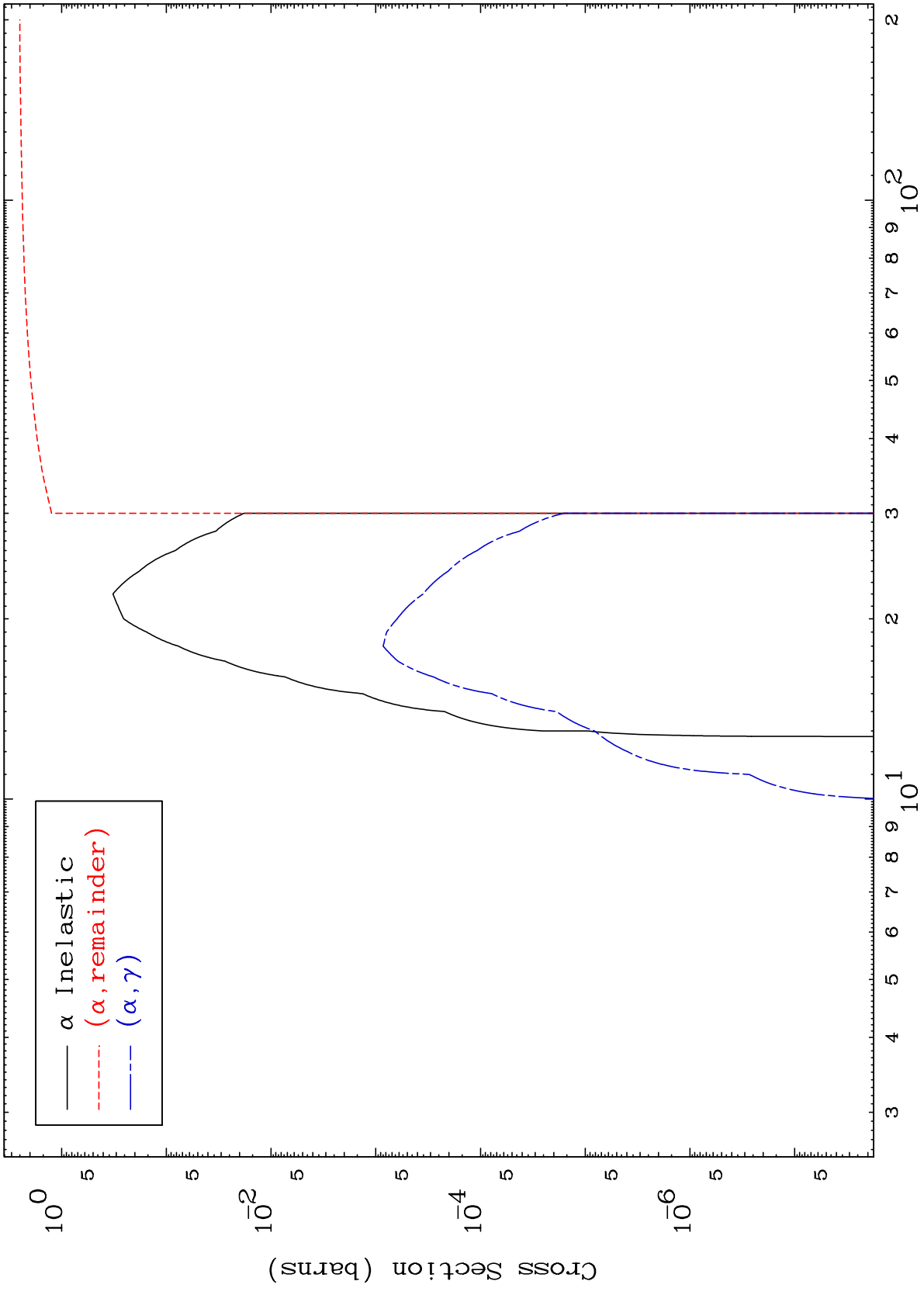
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6819

0 Kelvin  $\alpha$  Major

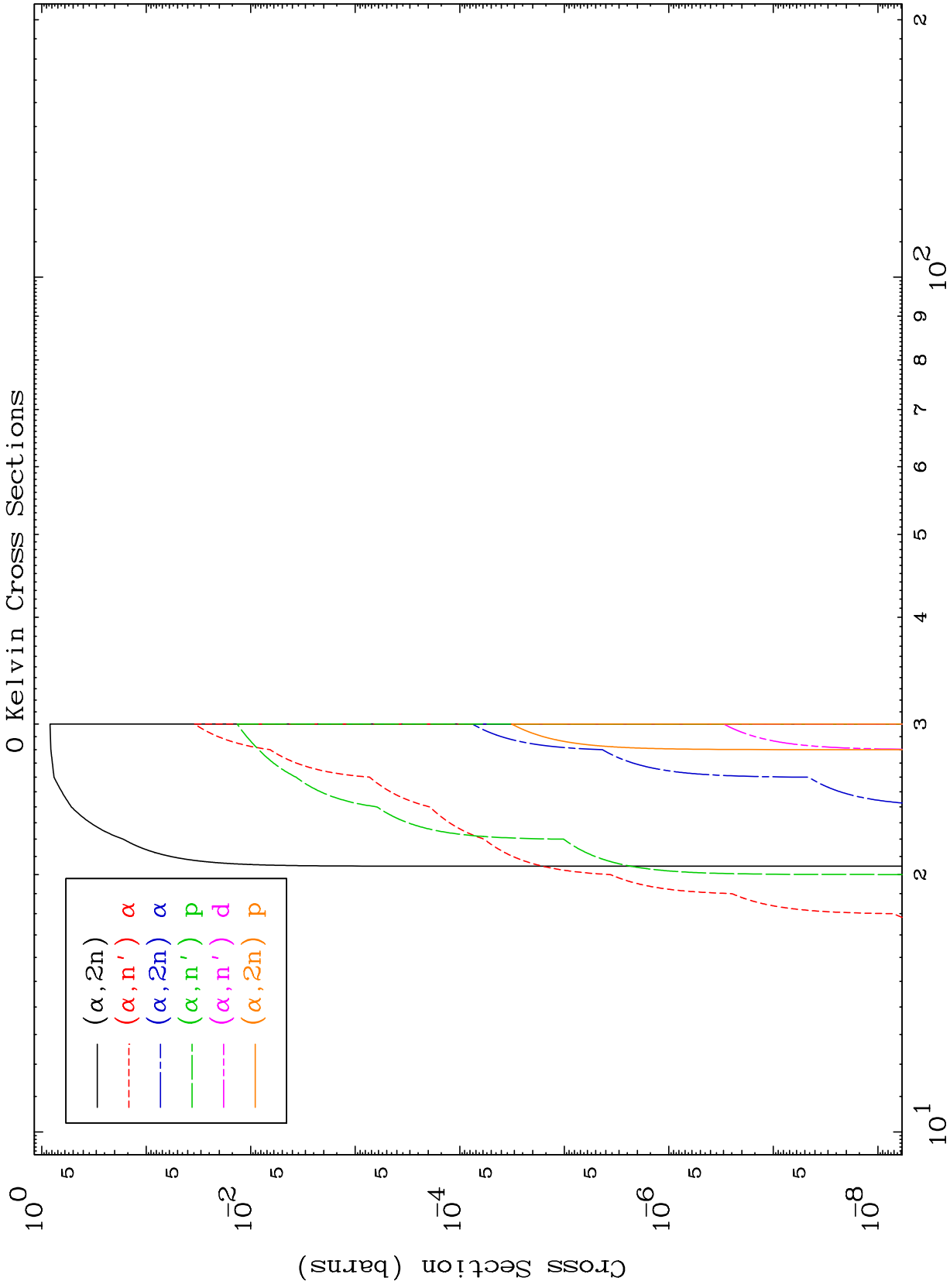
68-Er-160



MAT 6819

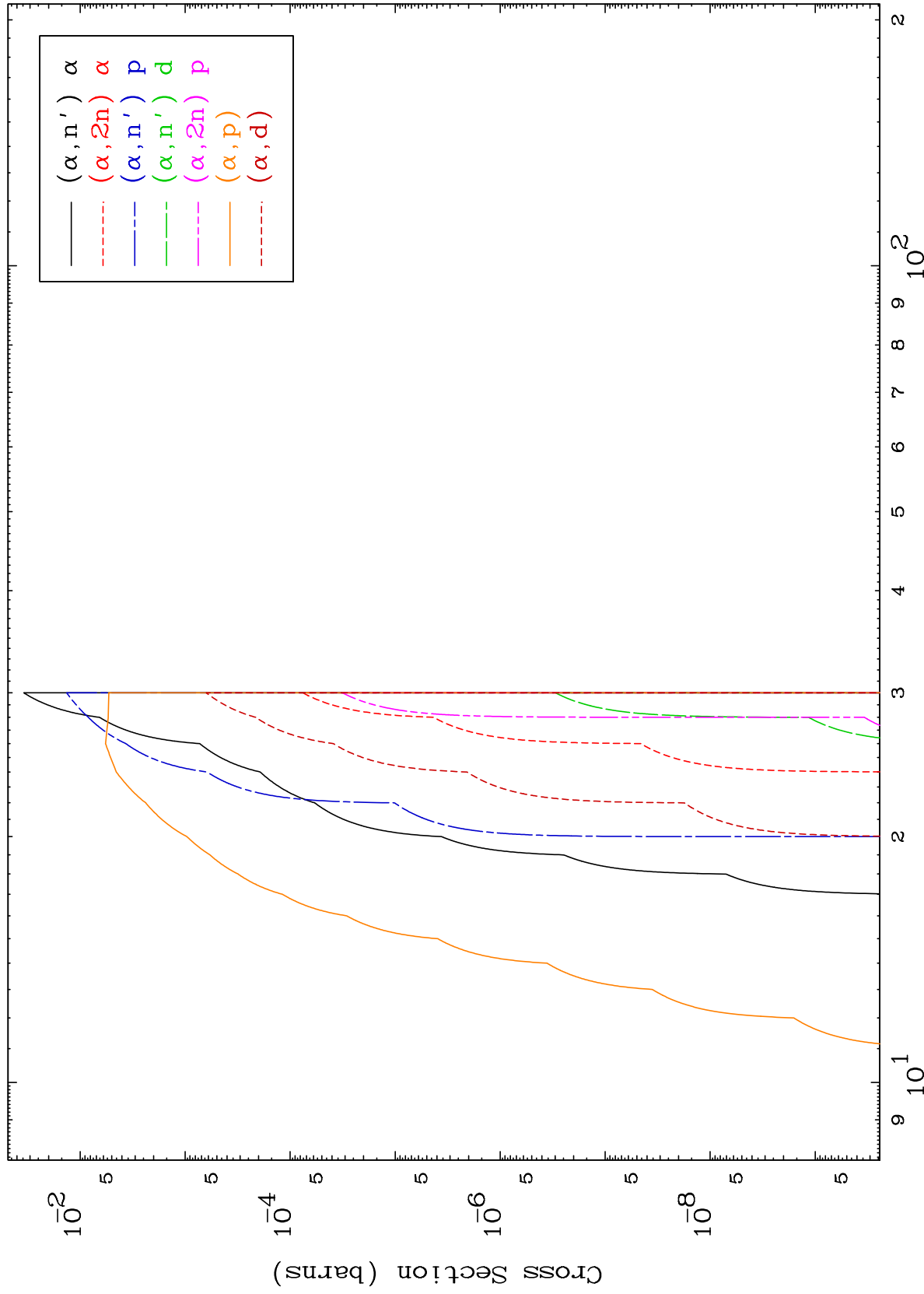
$\alpha$  Neutron Production  
0 Kelvin Cross Sections

68-Er-160



Incident Energy (MeV)

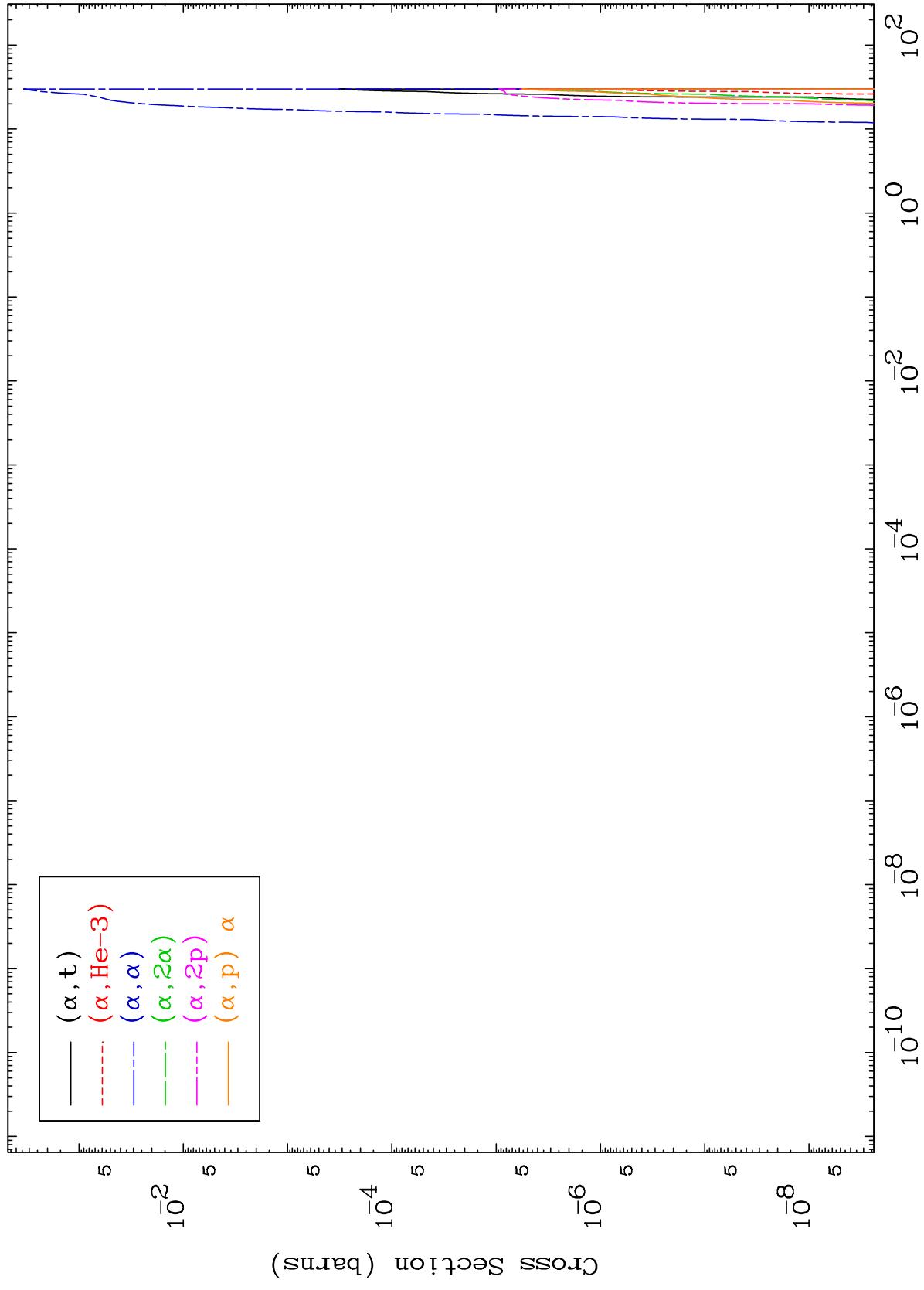
68-Er-160



MAT 6819

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

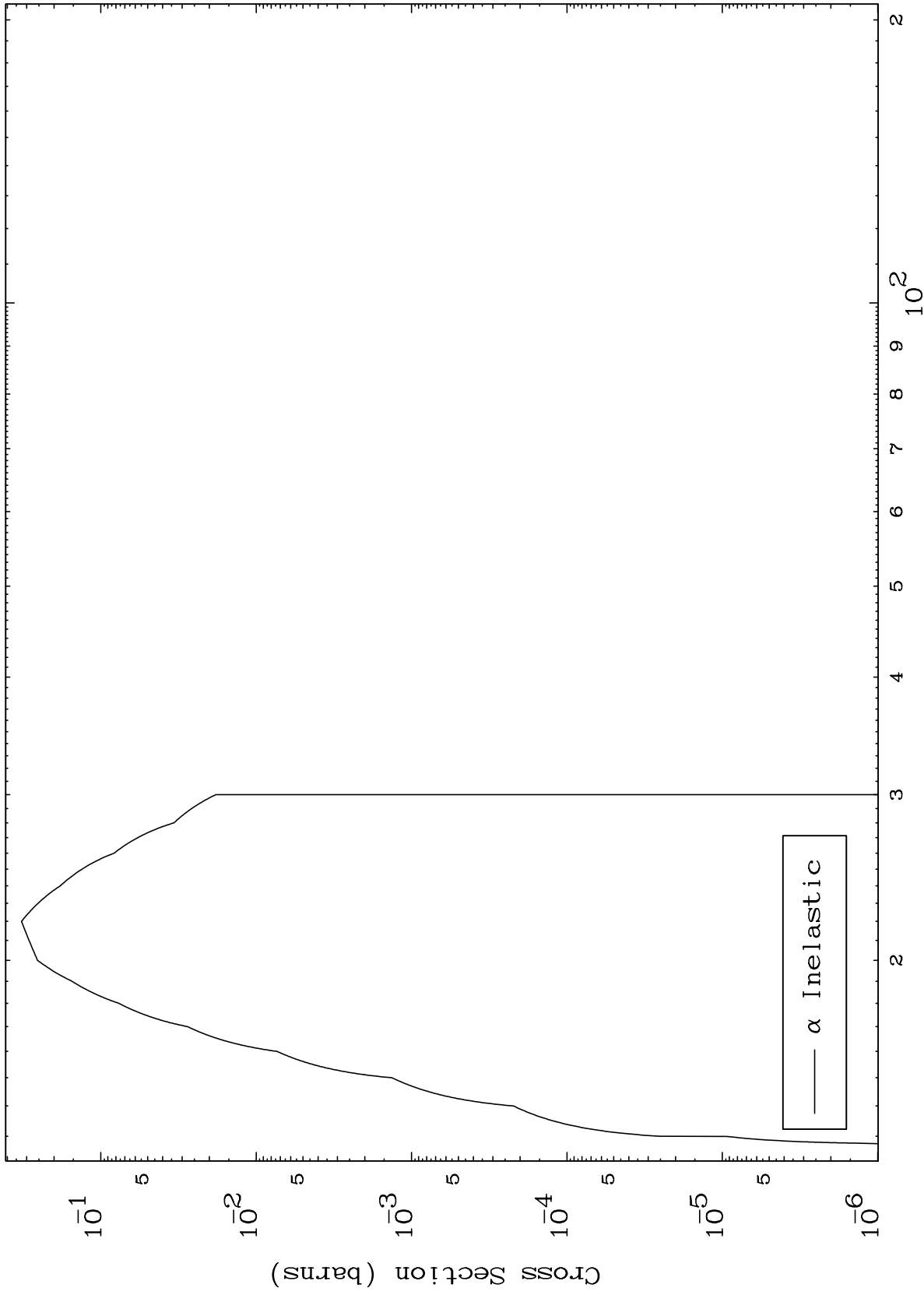
68-Er-160



MAT 6819

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

68-Er-160



5

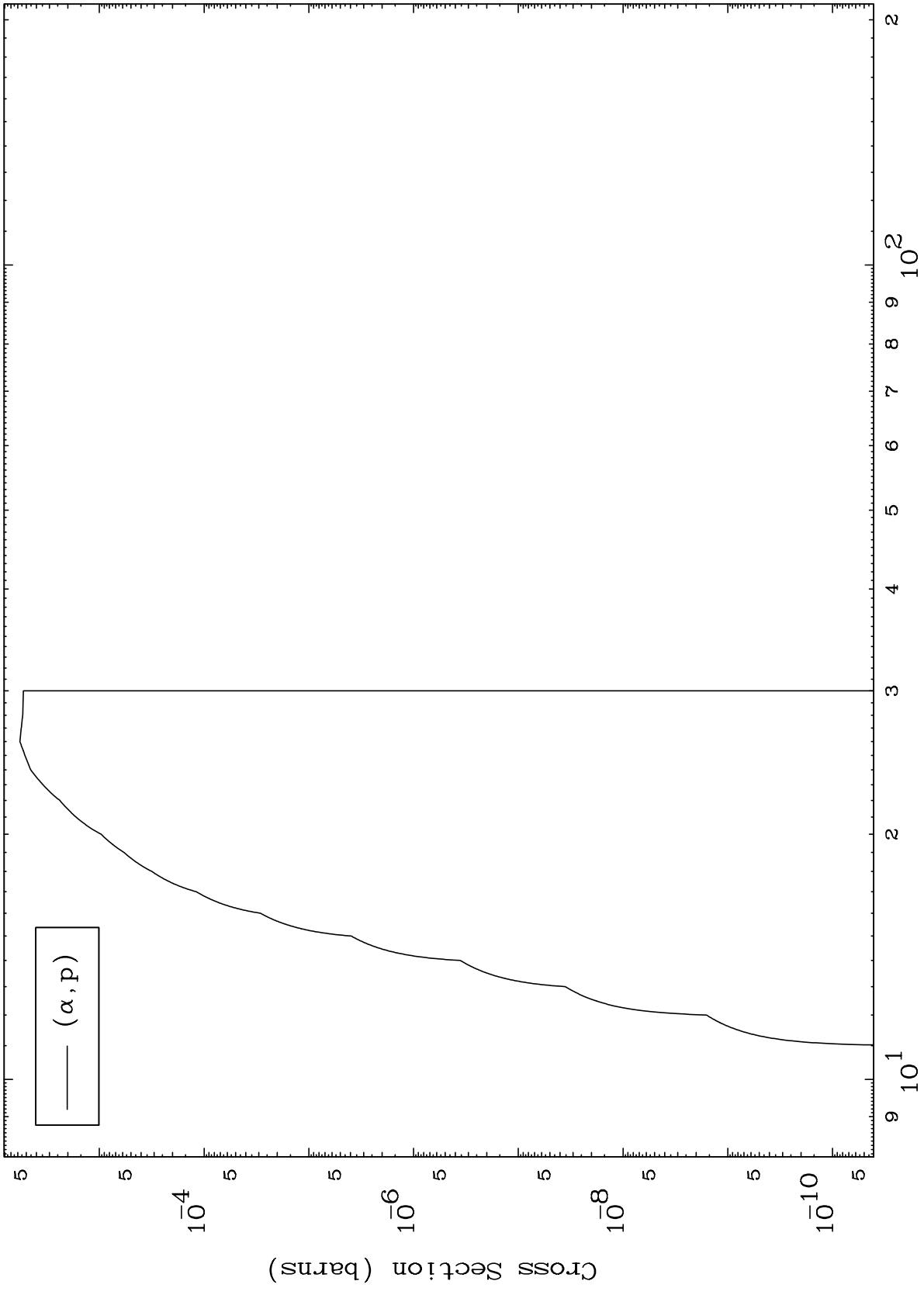
Incident Energy (MeV)

68-Er-160

MAT 6819

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

68-Er-160



6

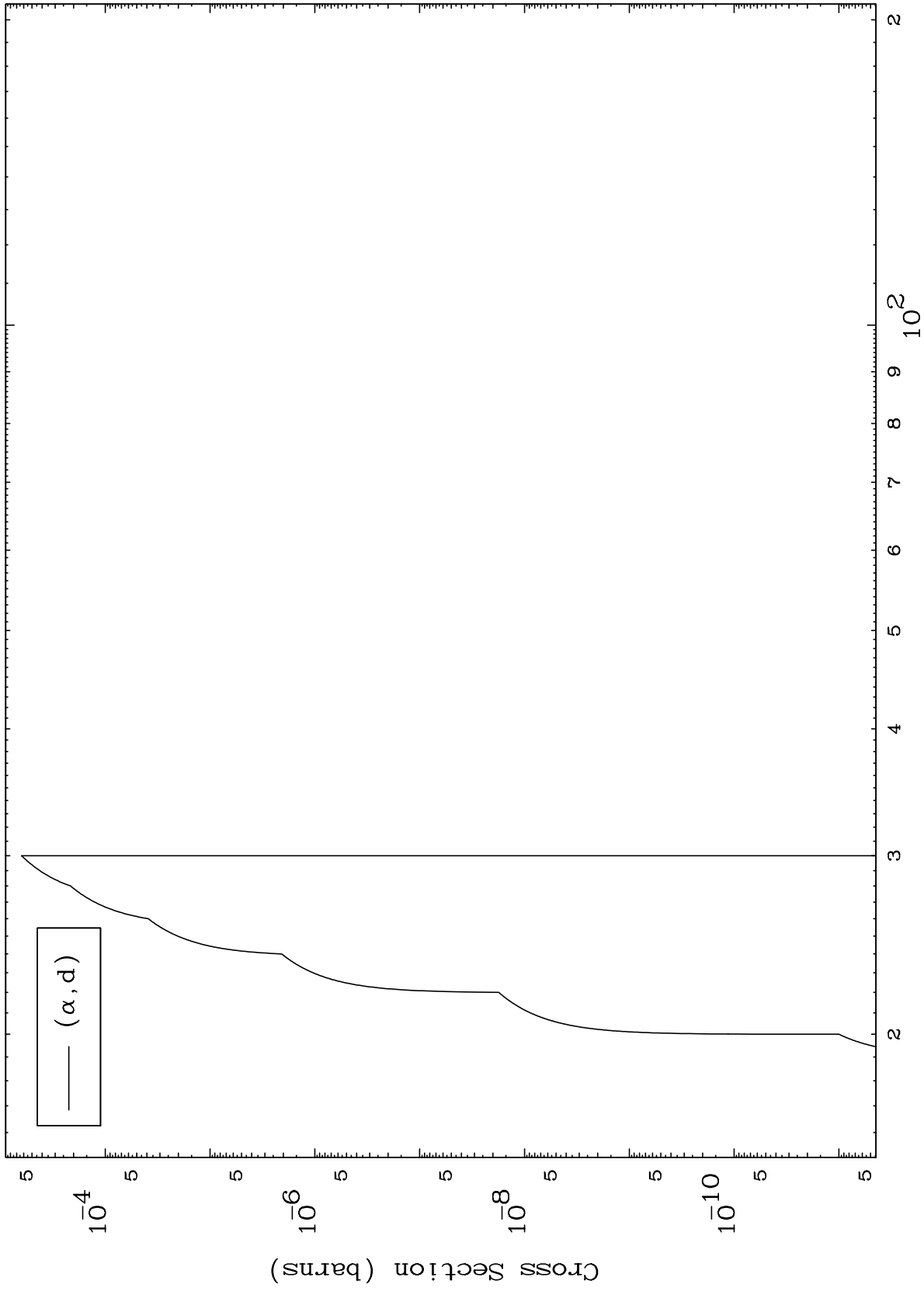
Incident Energy (MeV)

68-Er-160

MAT 6819

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

68-Er-160



7

Incident Energy (MeV)

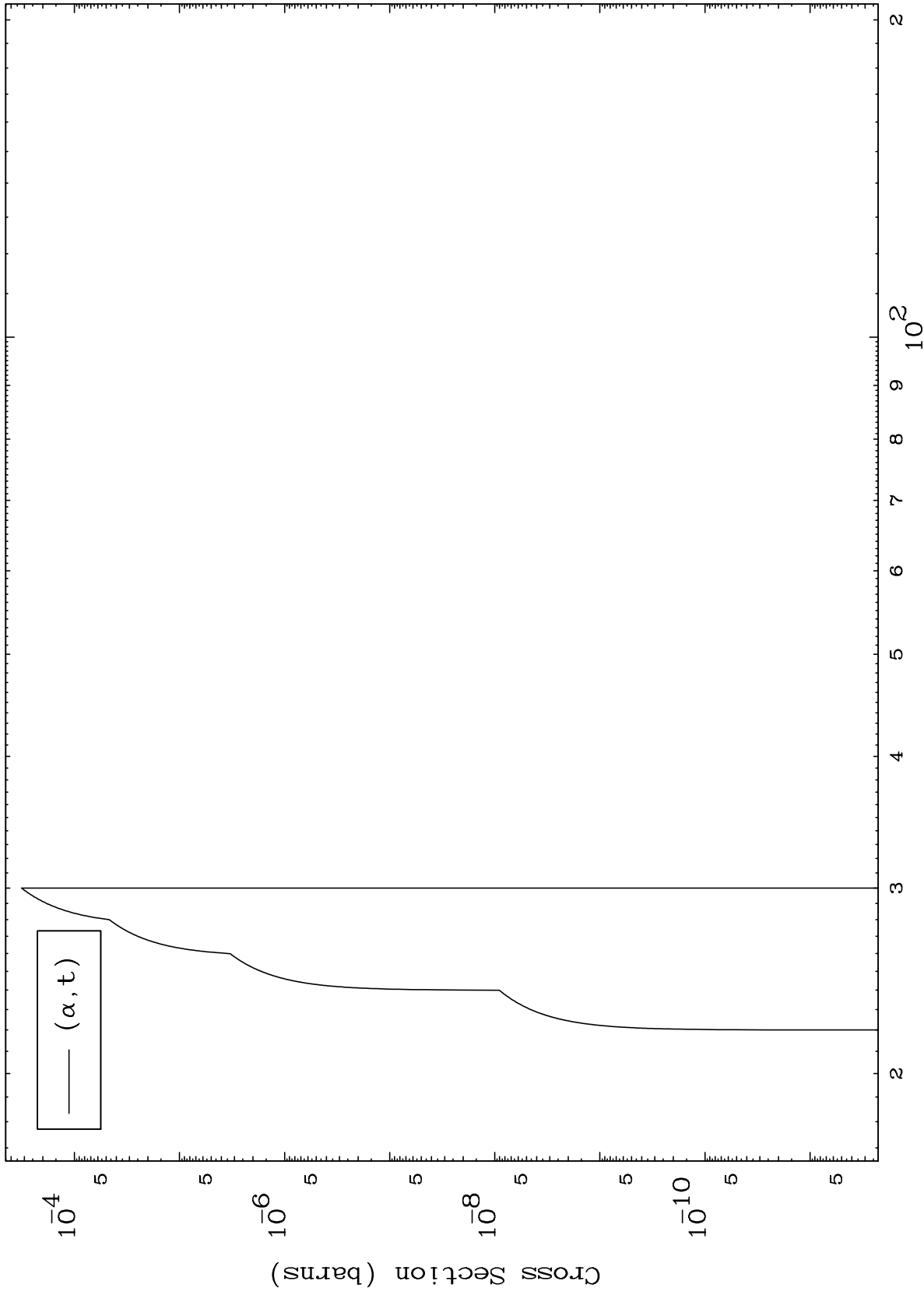
68-Er-160

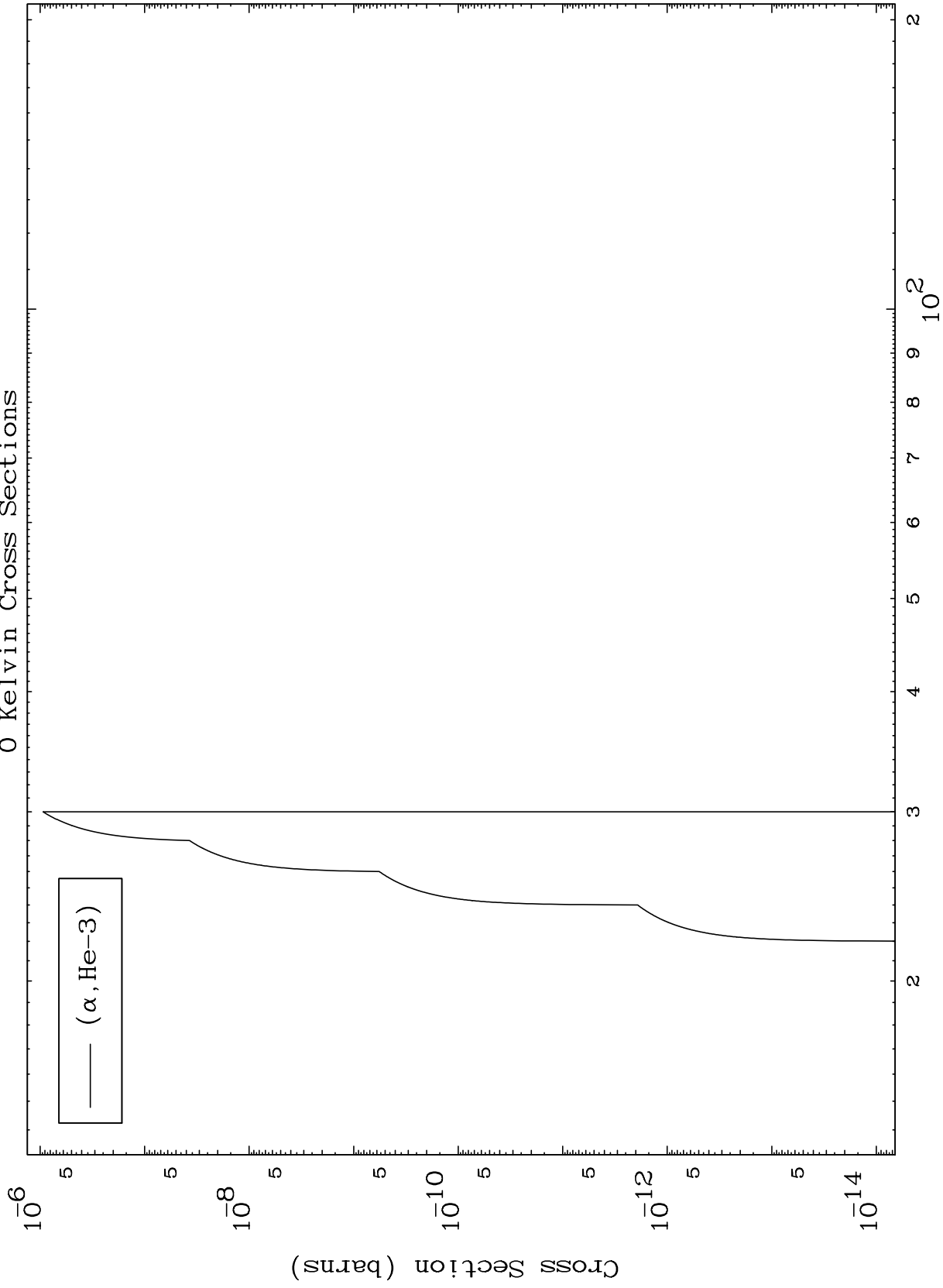


MAT 6819

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

68-Er-160

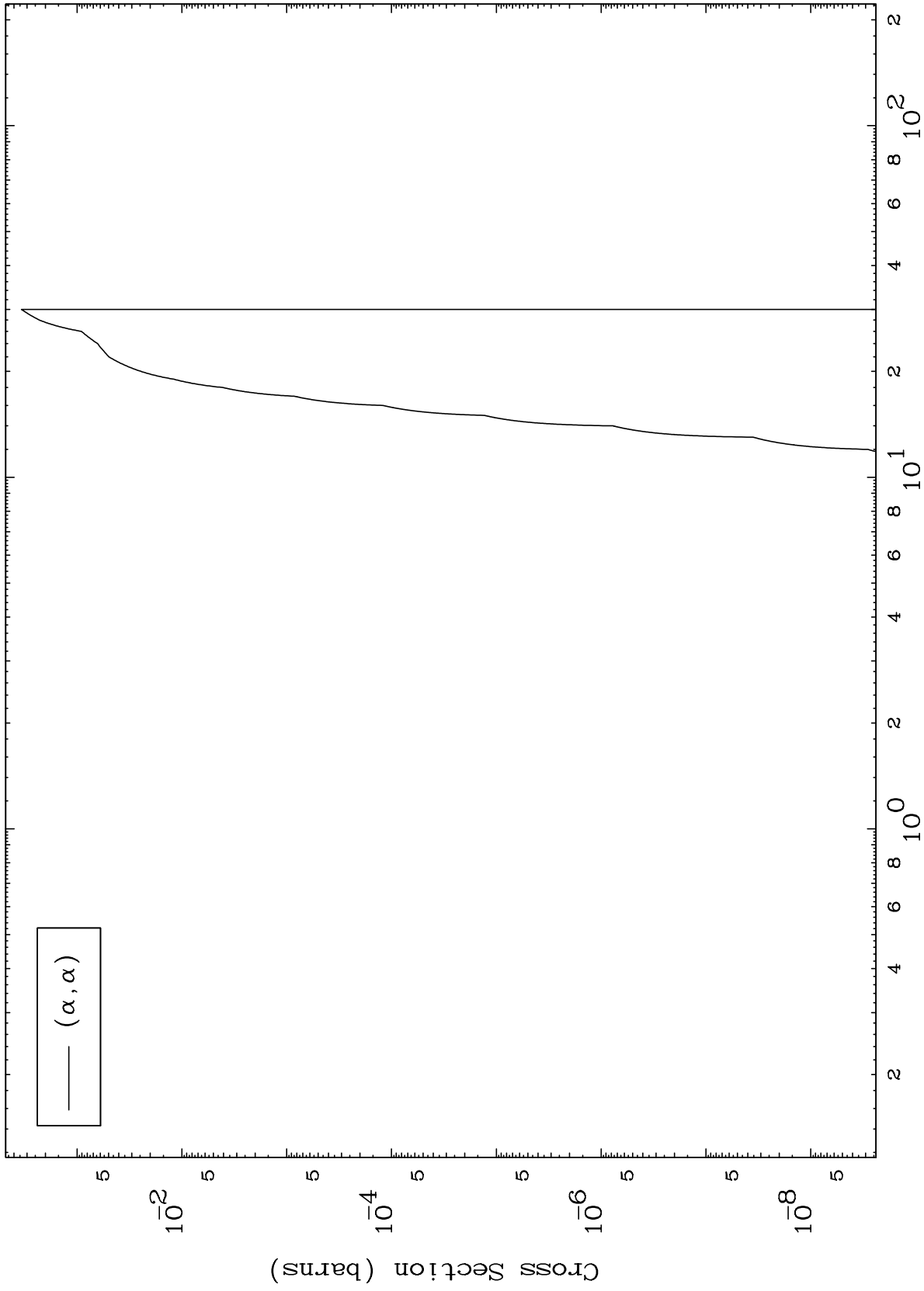




MAT 6819

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

68-Er-160



10

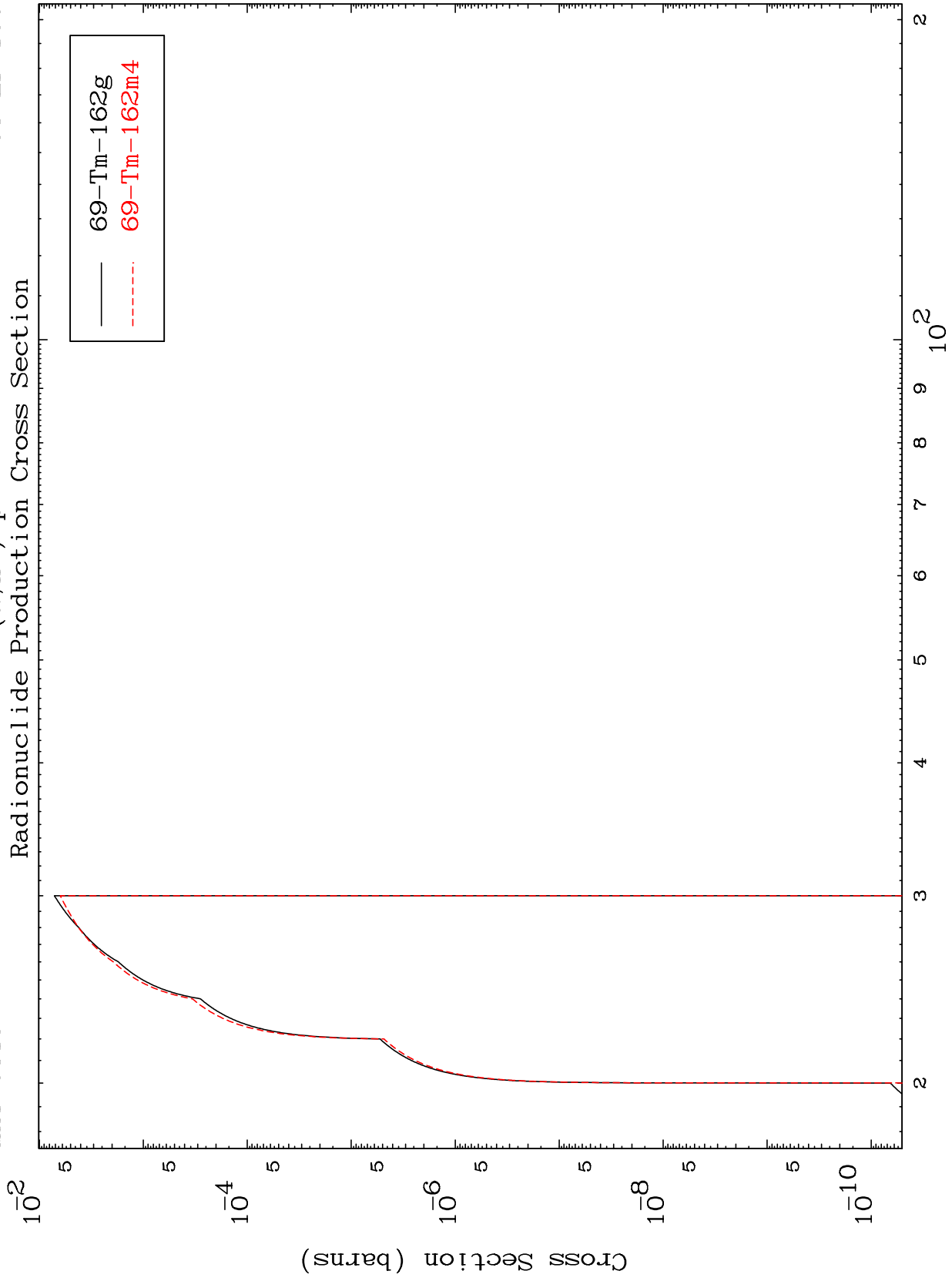
Incident Energy (MeV)

68-Er-160

MAT 6819

68-Er-160

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



11

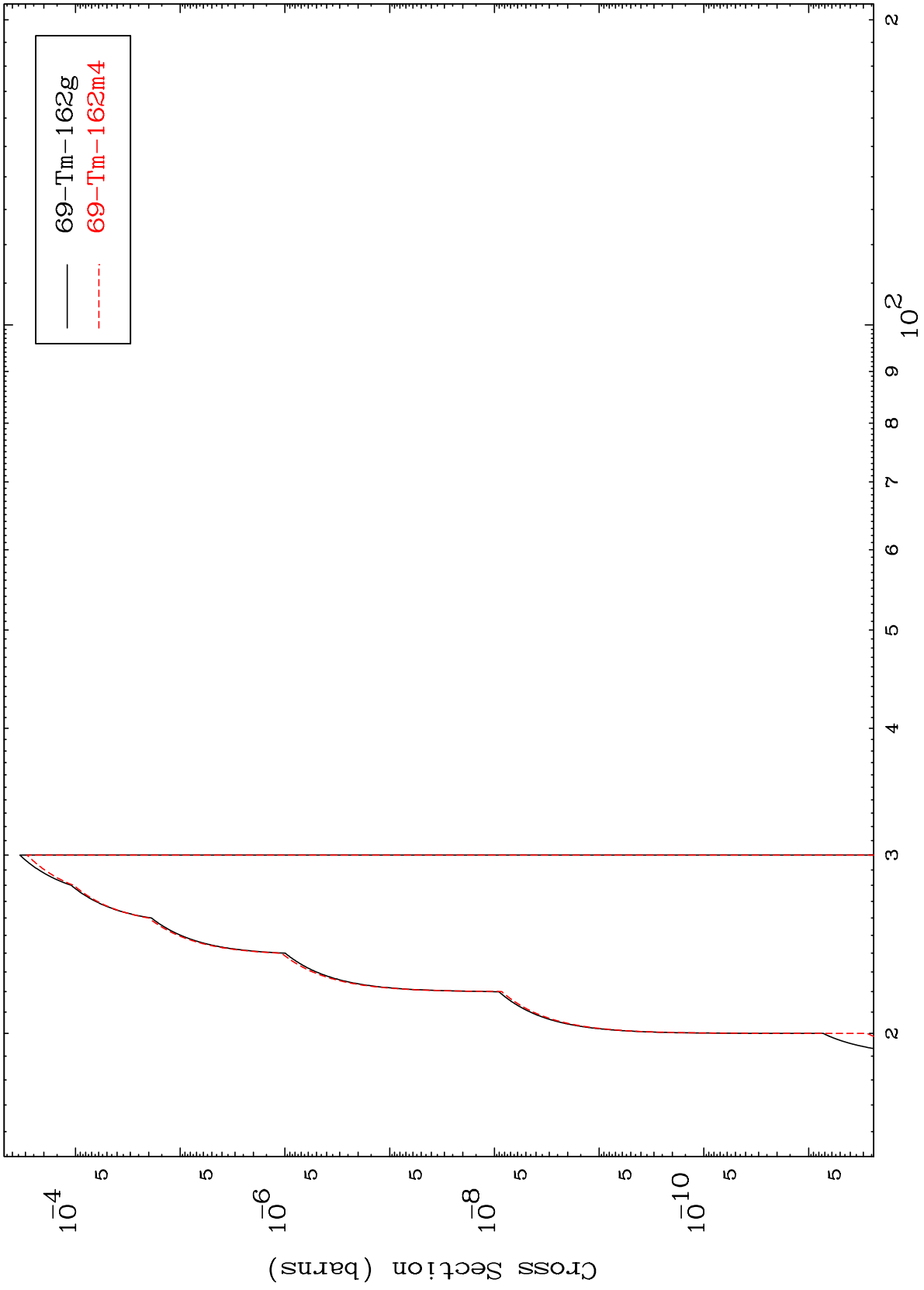
Incident Energy (MeV)

68-Er-160

MAT 6819

68-Er-160

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



12

Incident Energy (MeV)

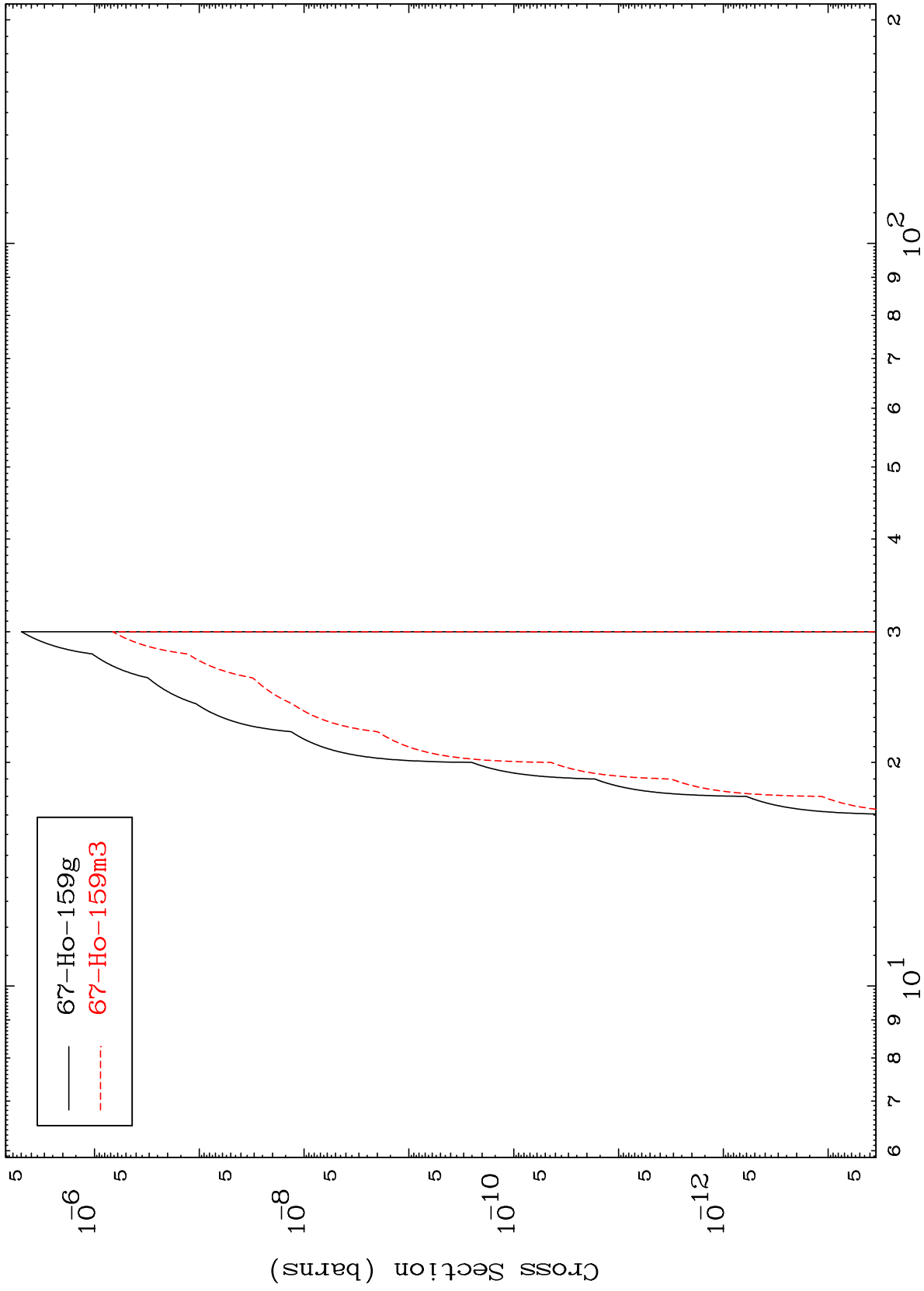
68-Er-160

MAT 6819

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

68-Er-160

Radionuclide Production Cross Section



13

Incident Energy (MeV)

68-Er-160