

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

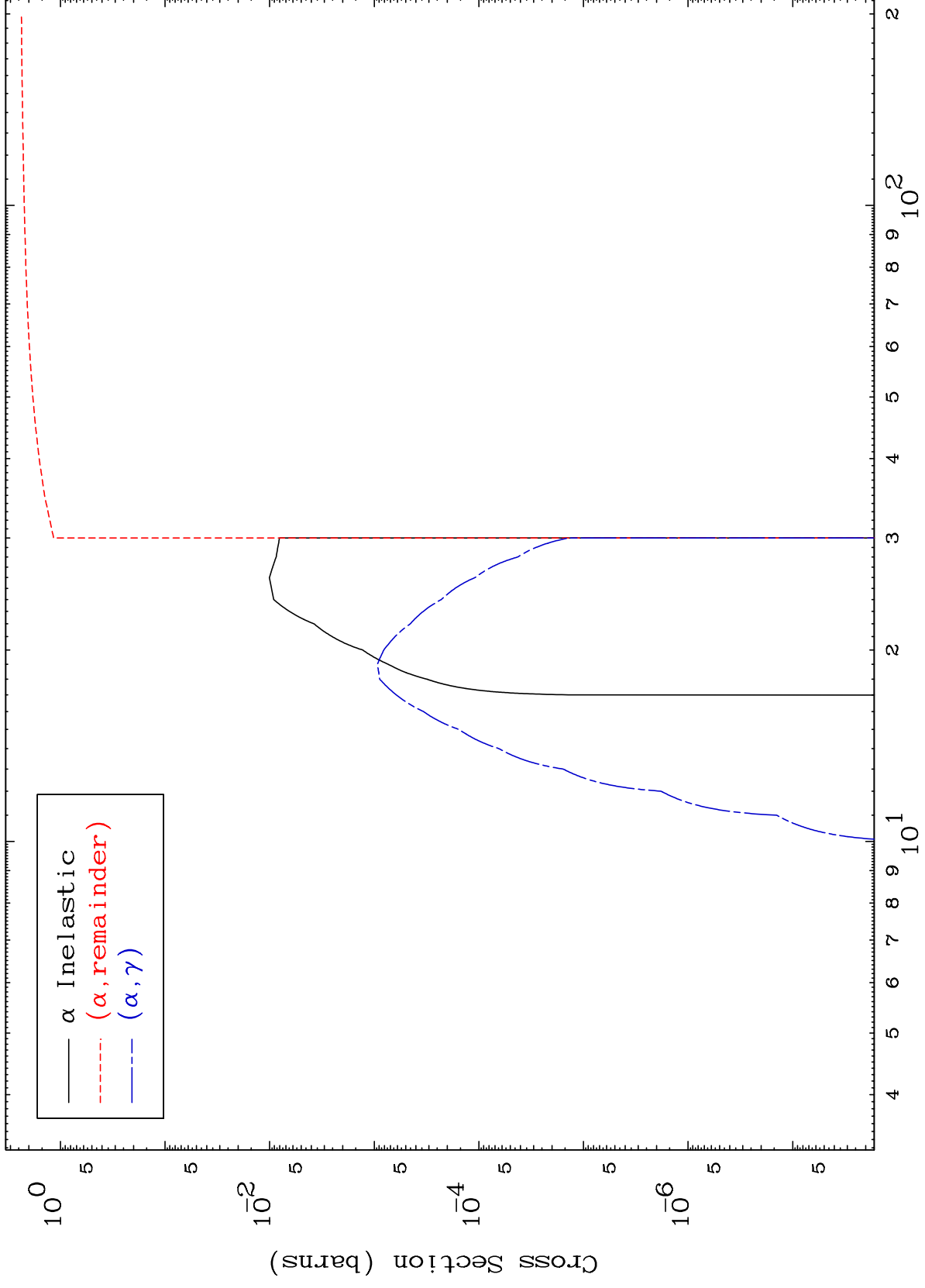
Press Mouse Button to Start

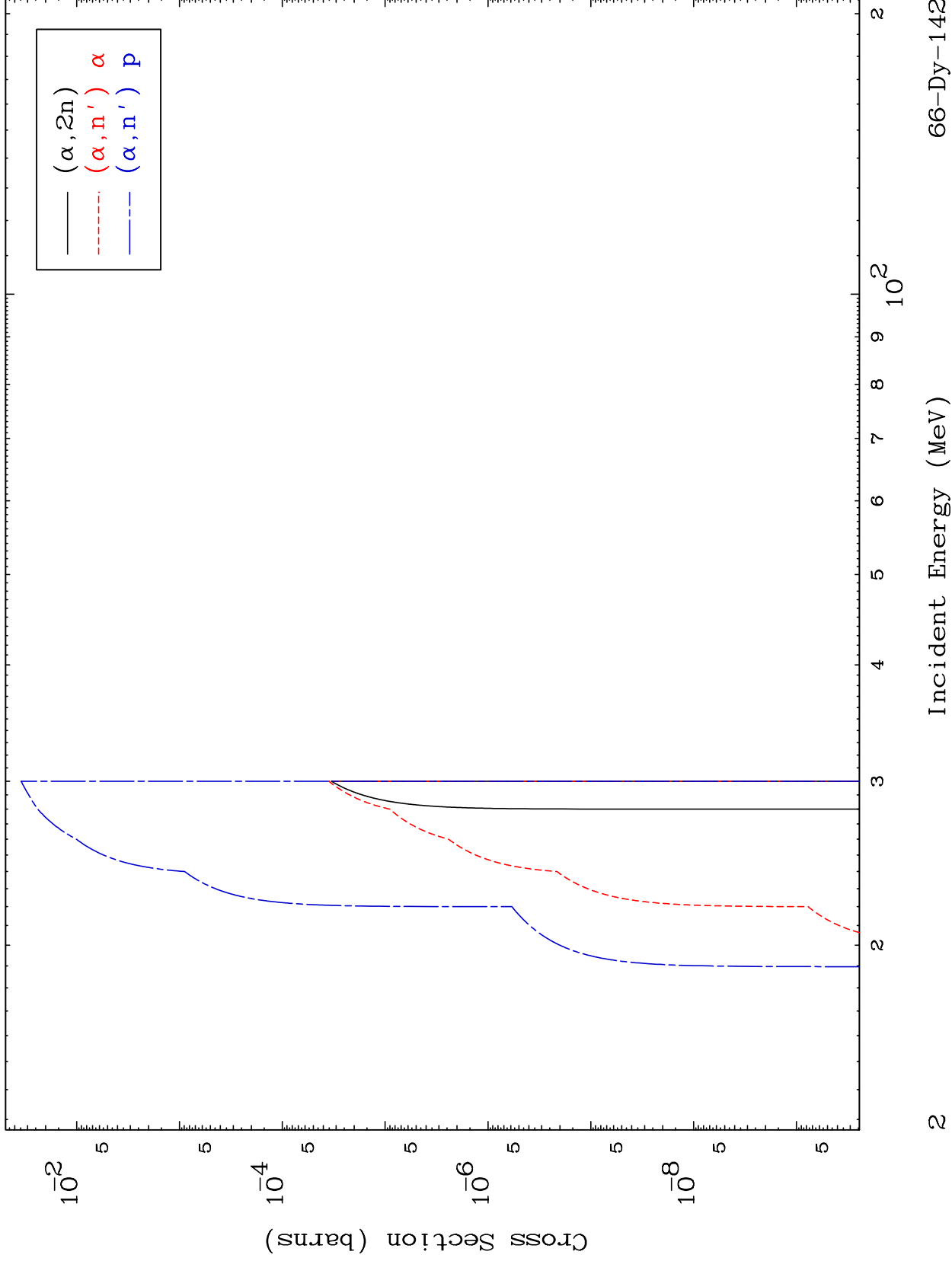
MAT 6583

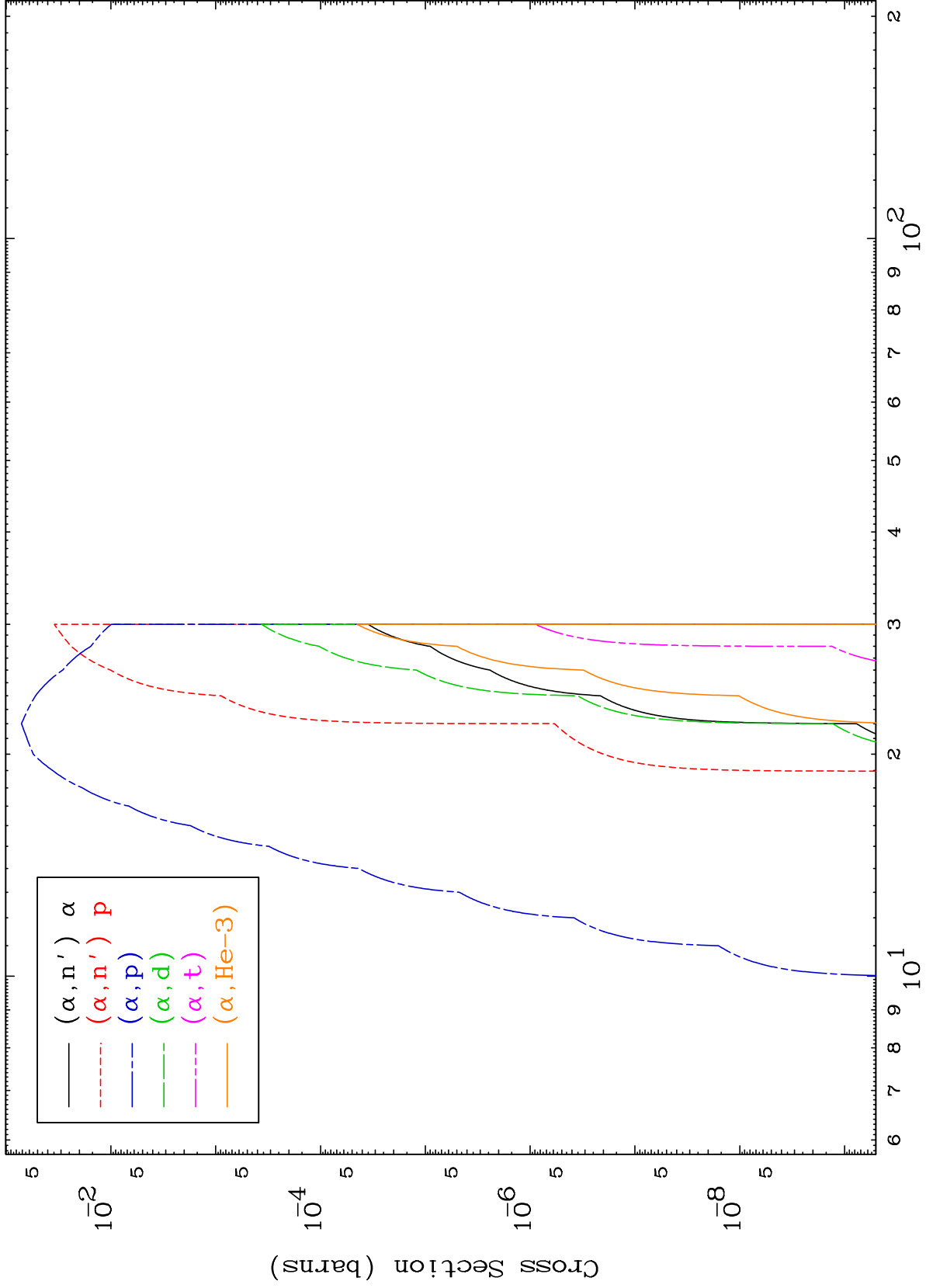
$\alpha$  Major

66-Dy-142

0 Kelvin Cross Sections



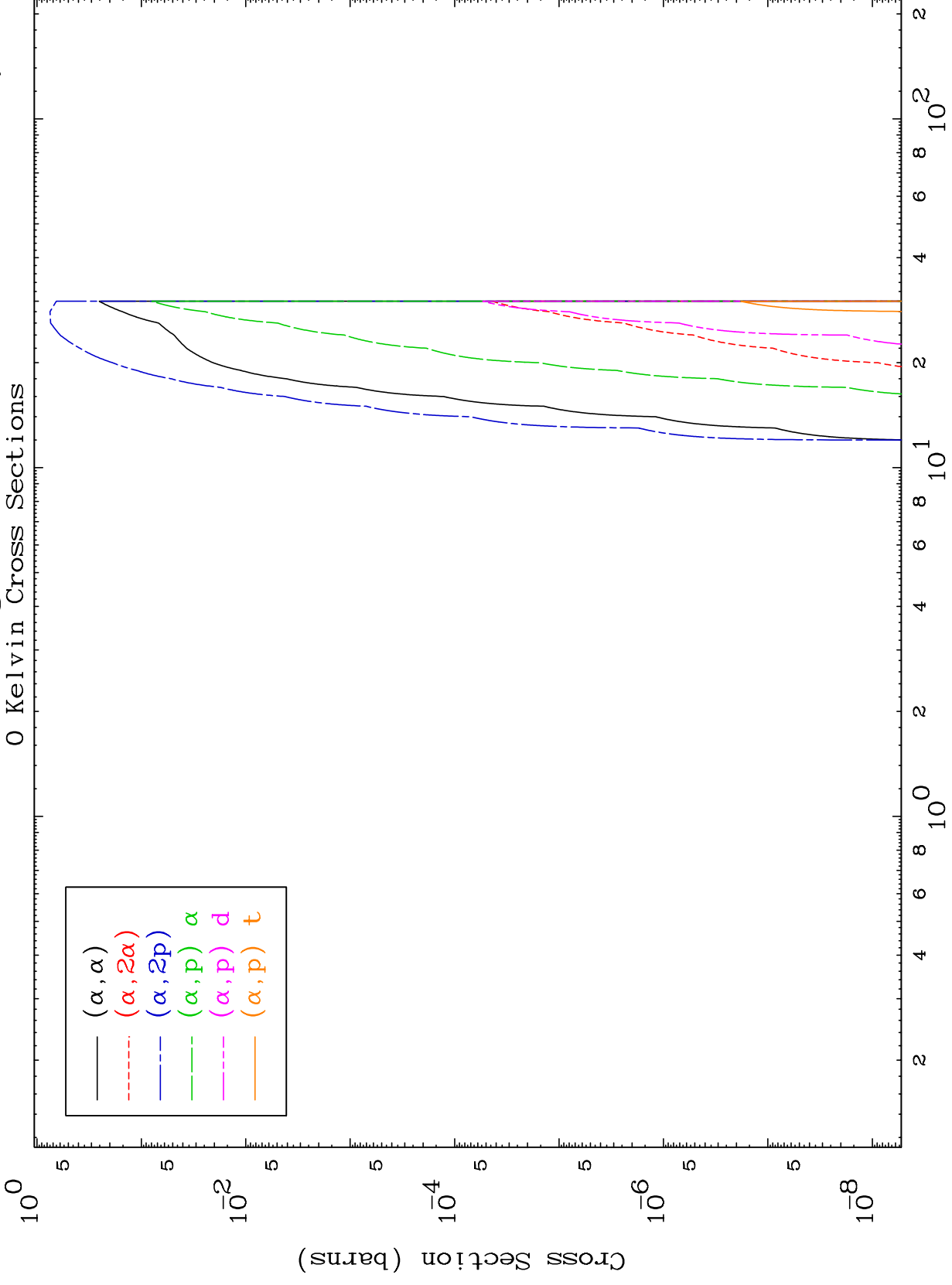




MAT 6583

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

66-Dy-142

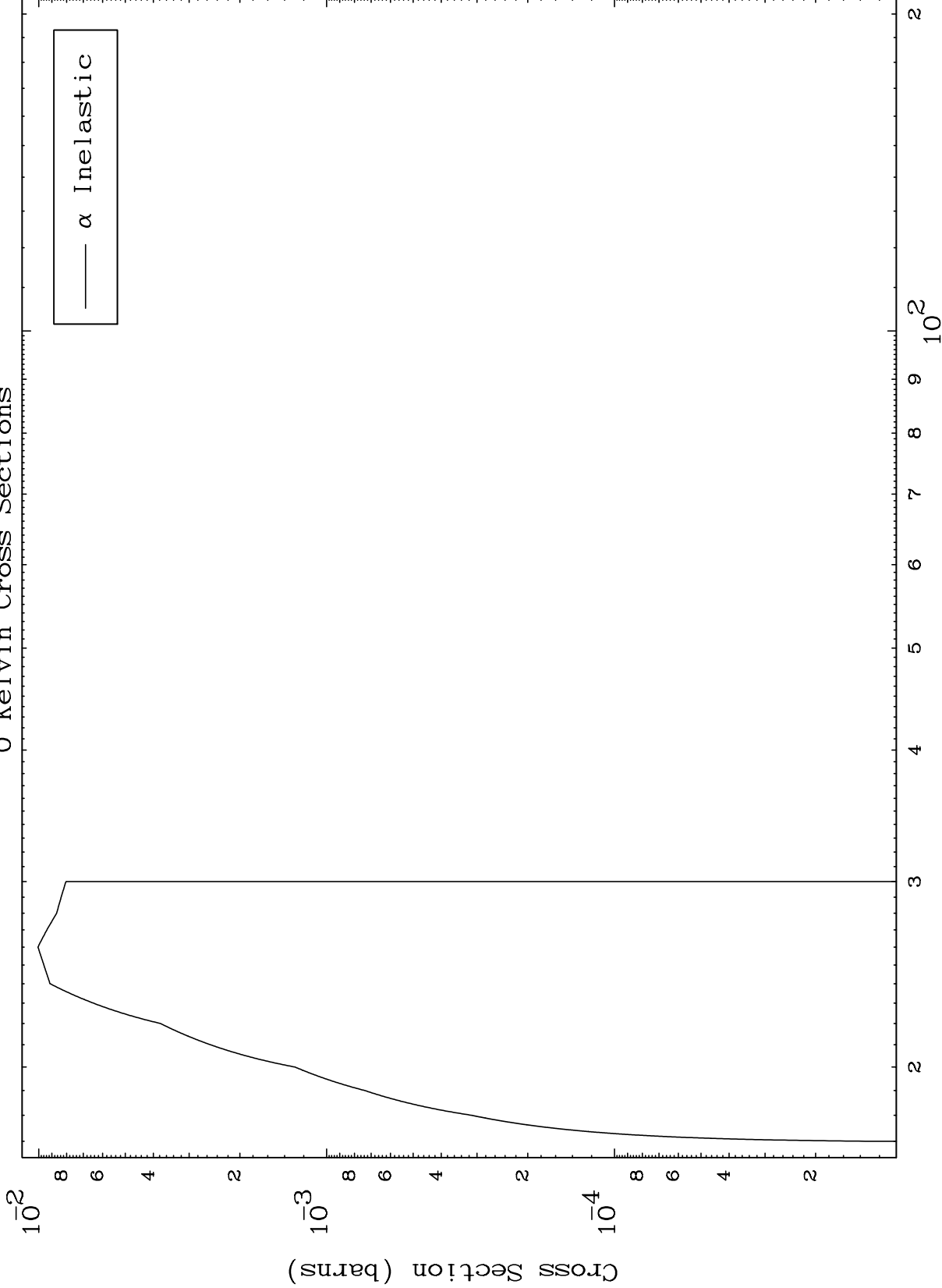


MAT 6583

( $\alpha, n'$ ) Level

66-Dy-142

0 Kelvin Cross Sections



5

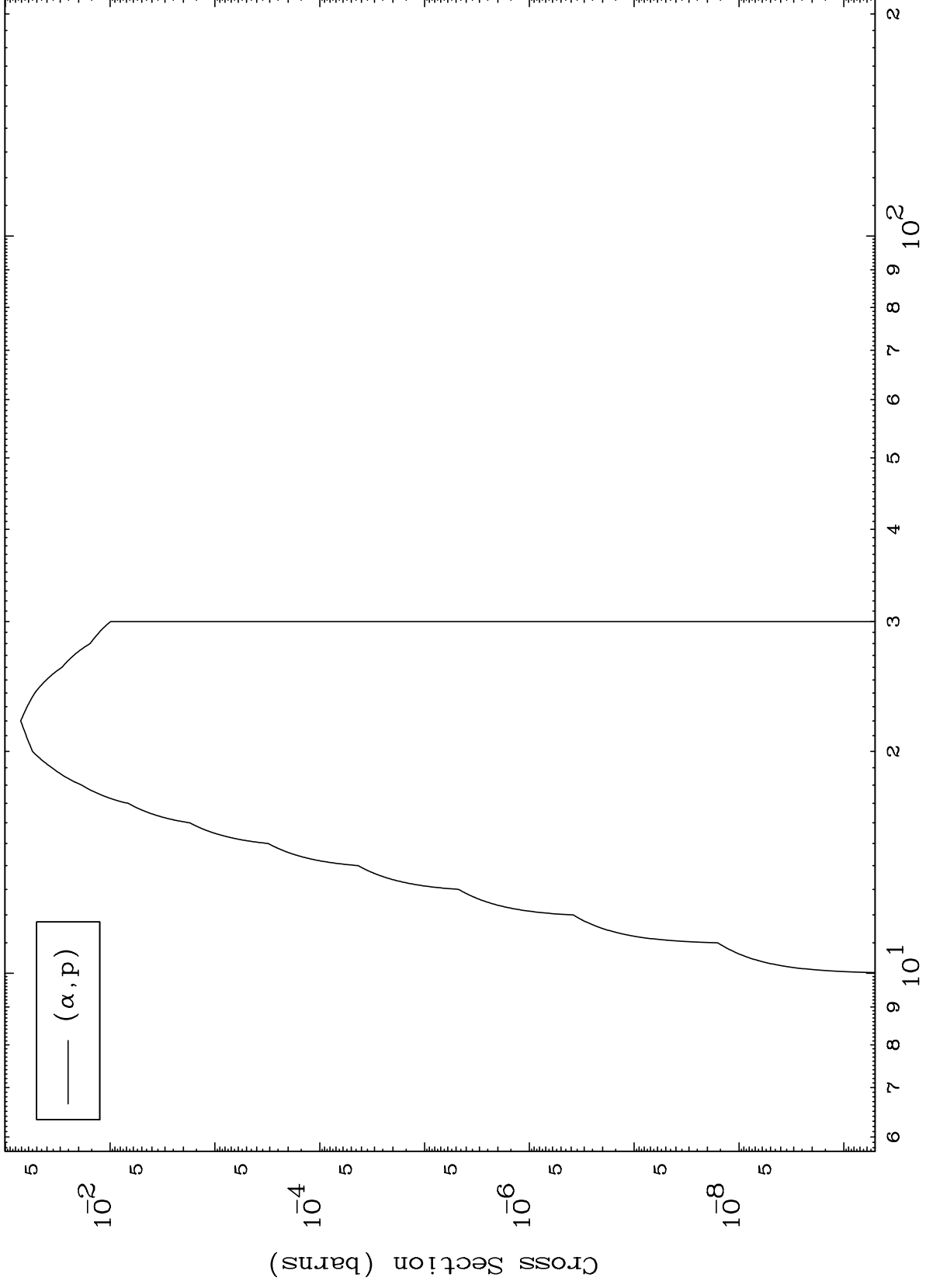
Incident Energy (MeV)

66-Dy-142

MAT 6583

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

66-Dy-142



6

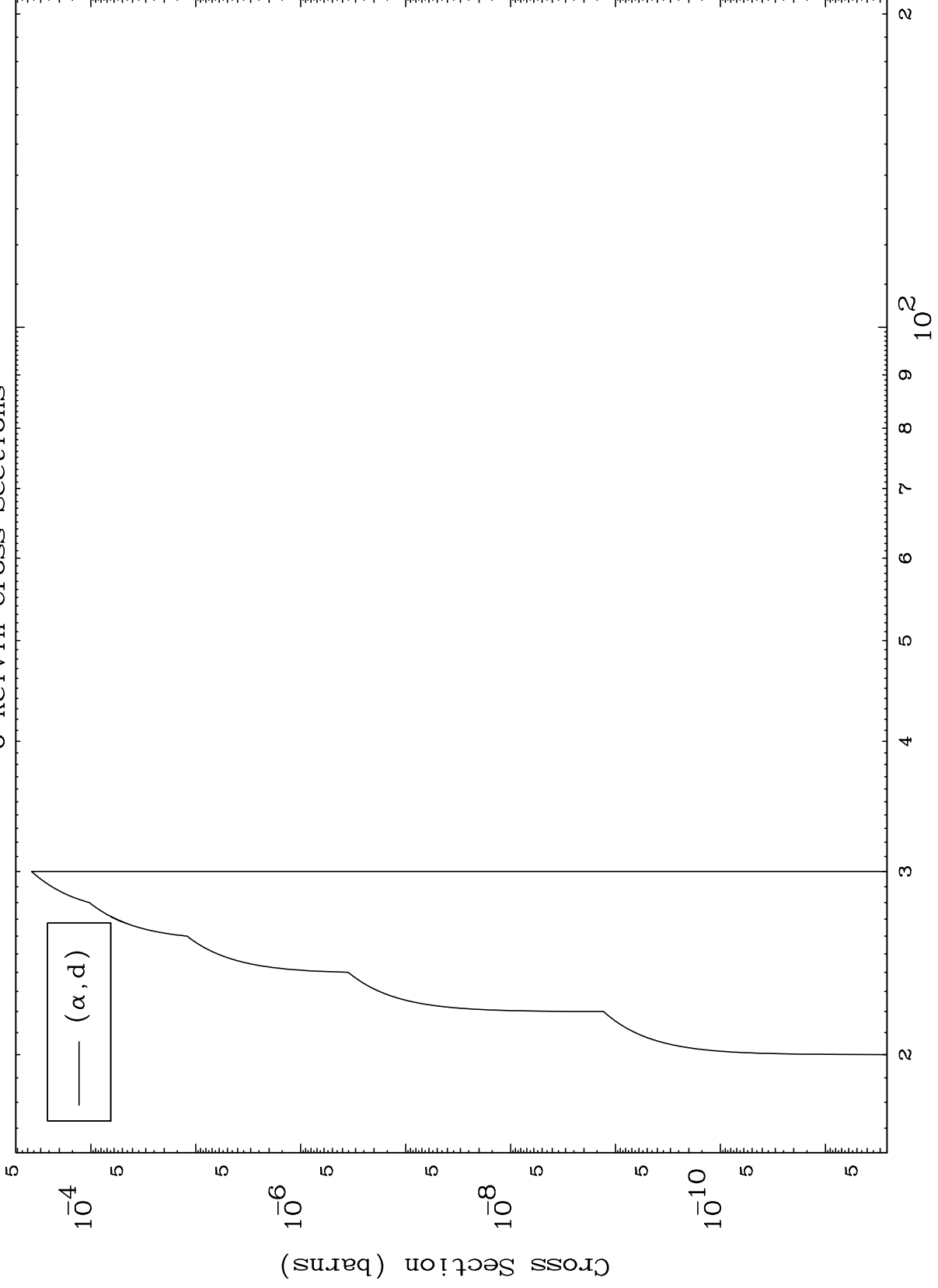
Incident Energy (MeV)

66-Dy-142

MAT 6583

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

66-Dy-142



7

Incident Energy (MeV)

66-Dy-142

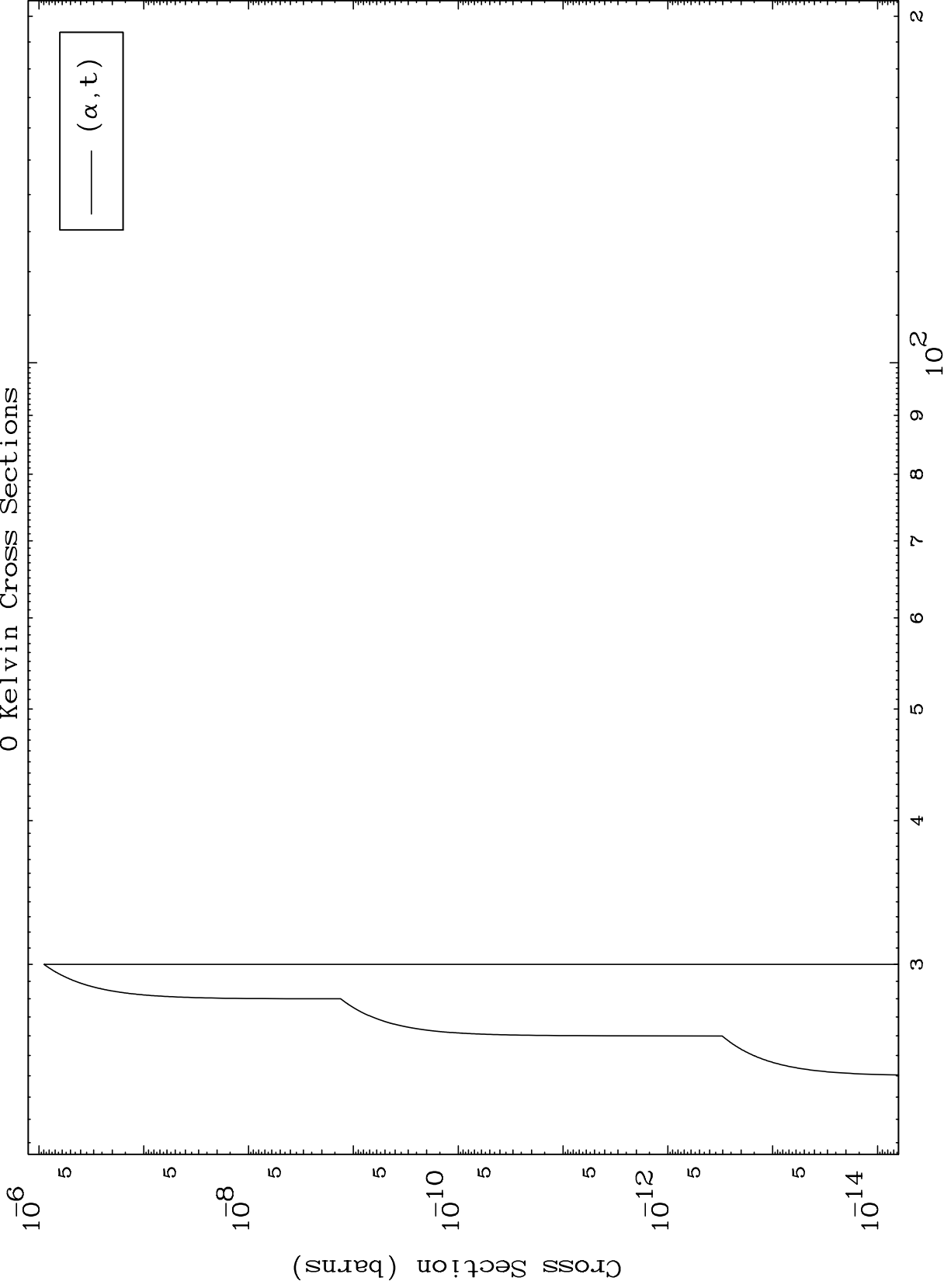


MAT 6583

( $\alpha, t$ ) Levels

66-Dy-142

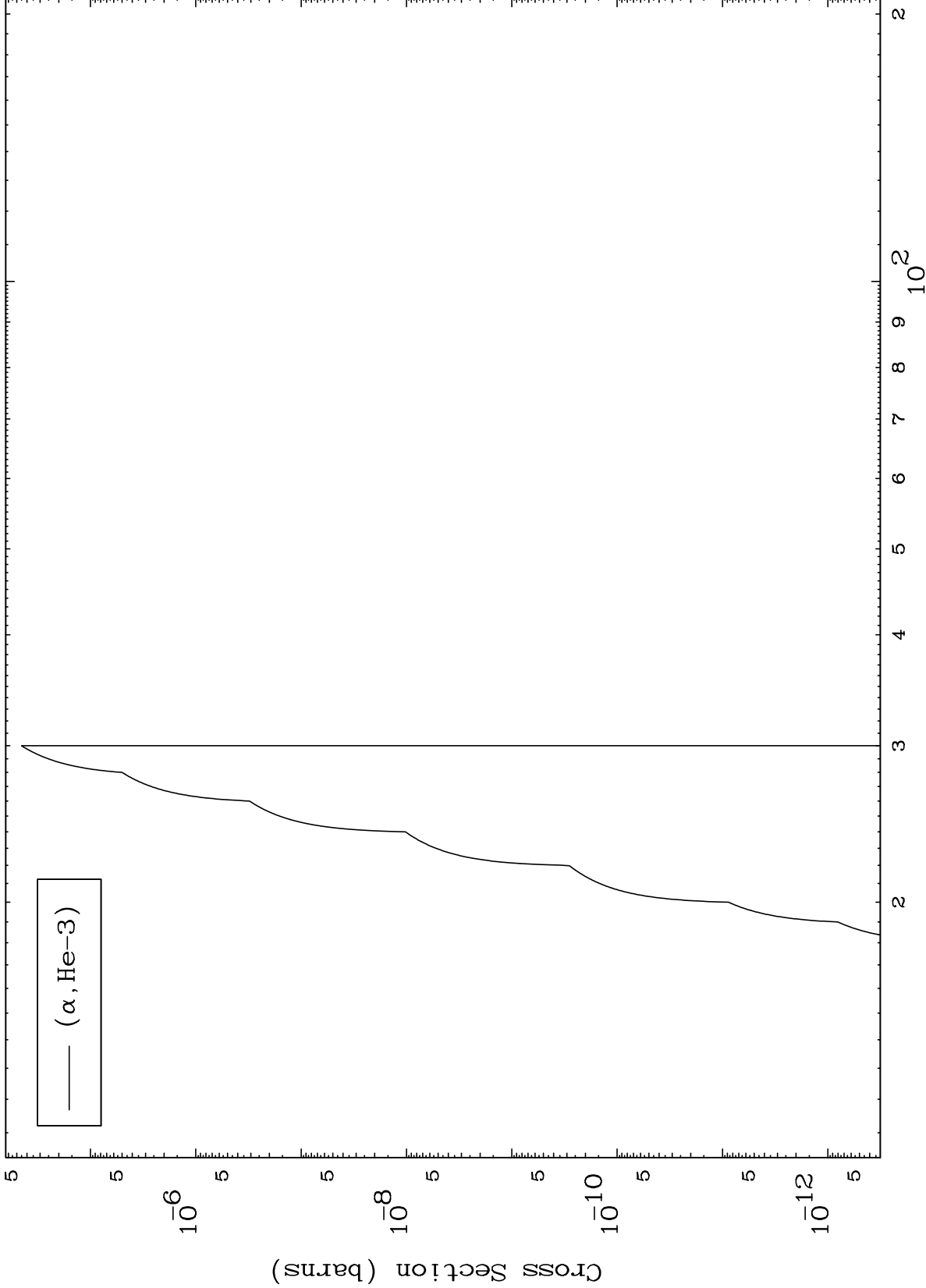
0 Kelvin Cross Sections



8

Incident Energy (MeV)

66-Dy-142

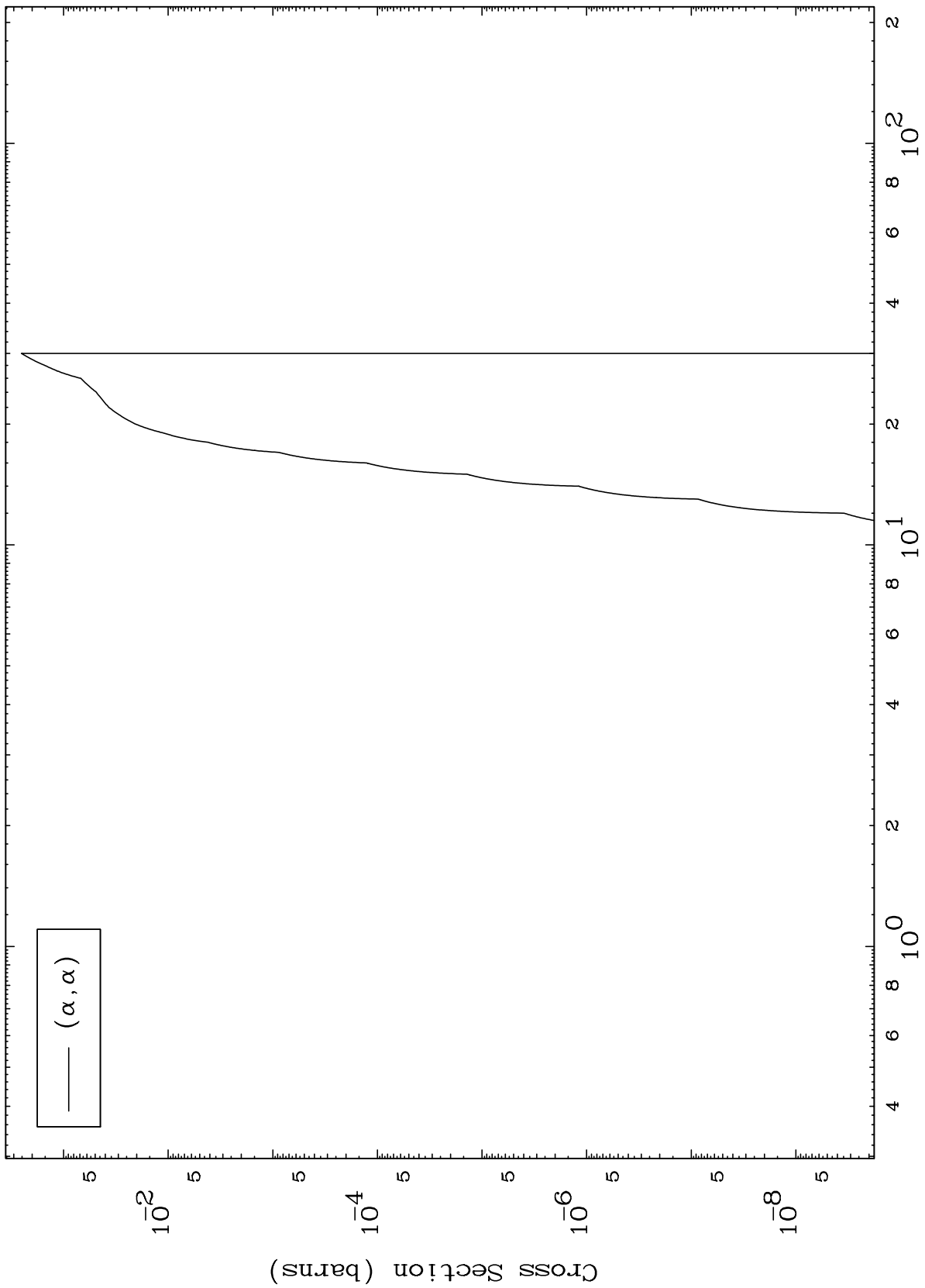


MAT 6583

( $\alpha, \alpha$ ) Levels

66-Dy-142

0 Kelvin Cross Sections



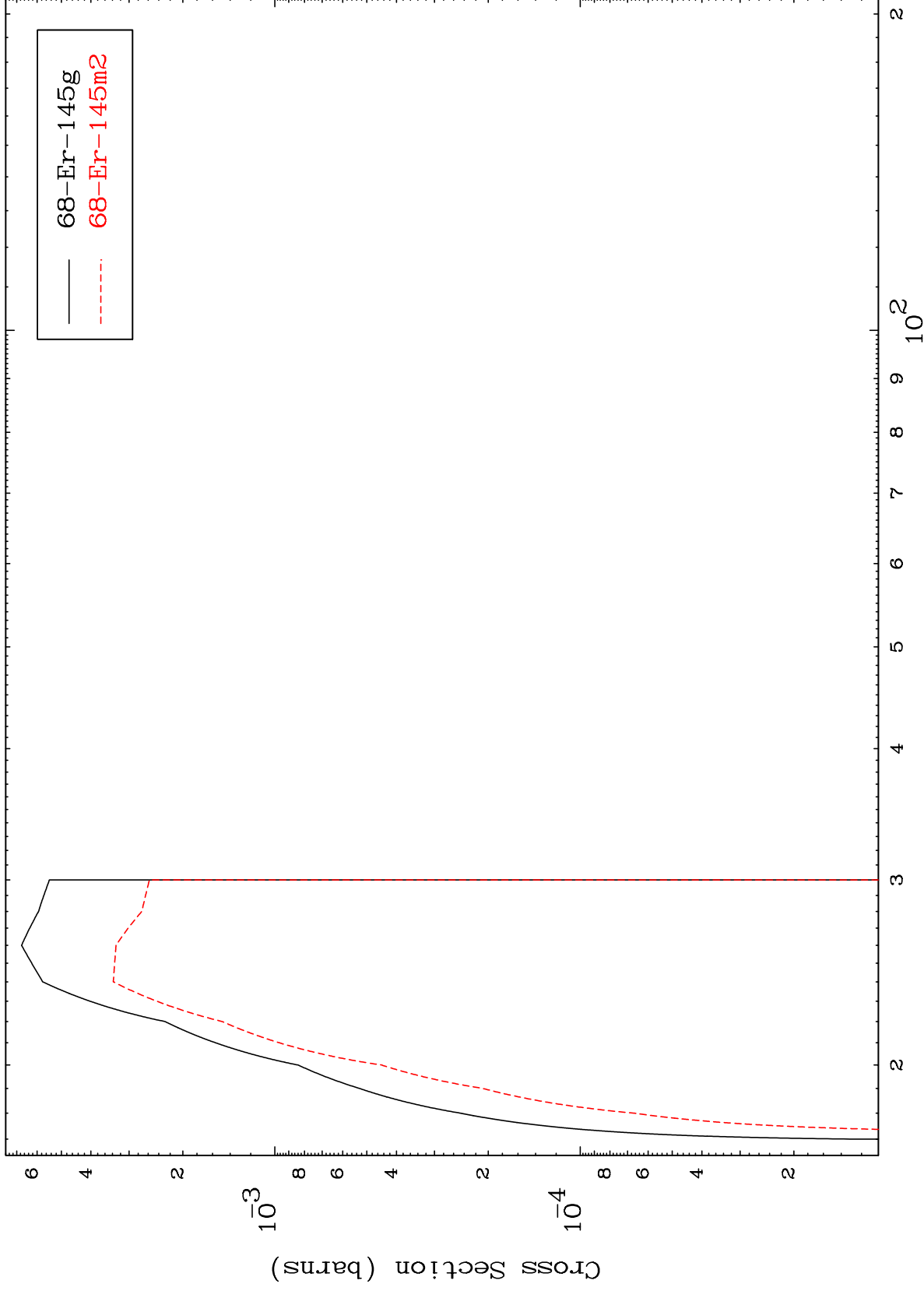
( $\alpha, \alpha$ )

10

Incident Energy (MeV)

66-Dy-142

Radionuclide Production Cross Section

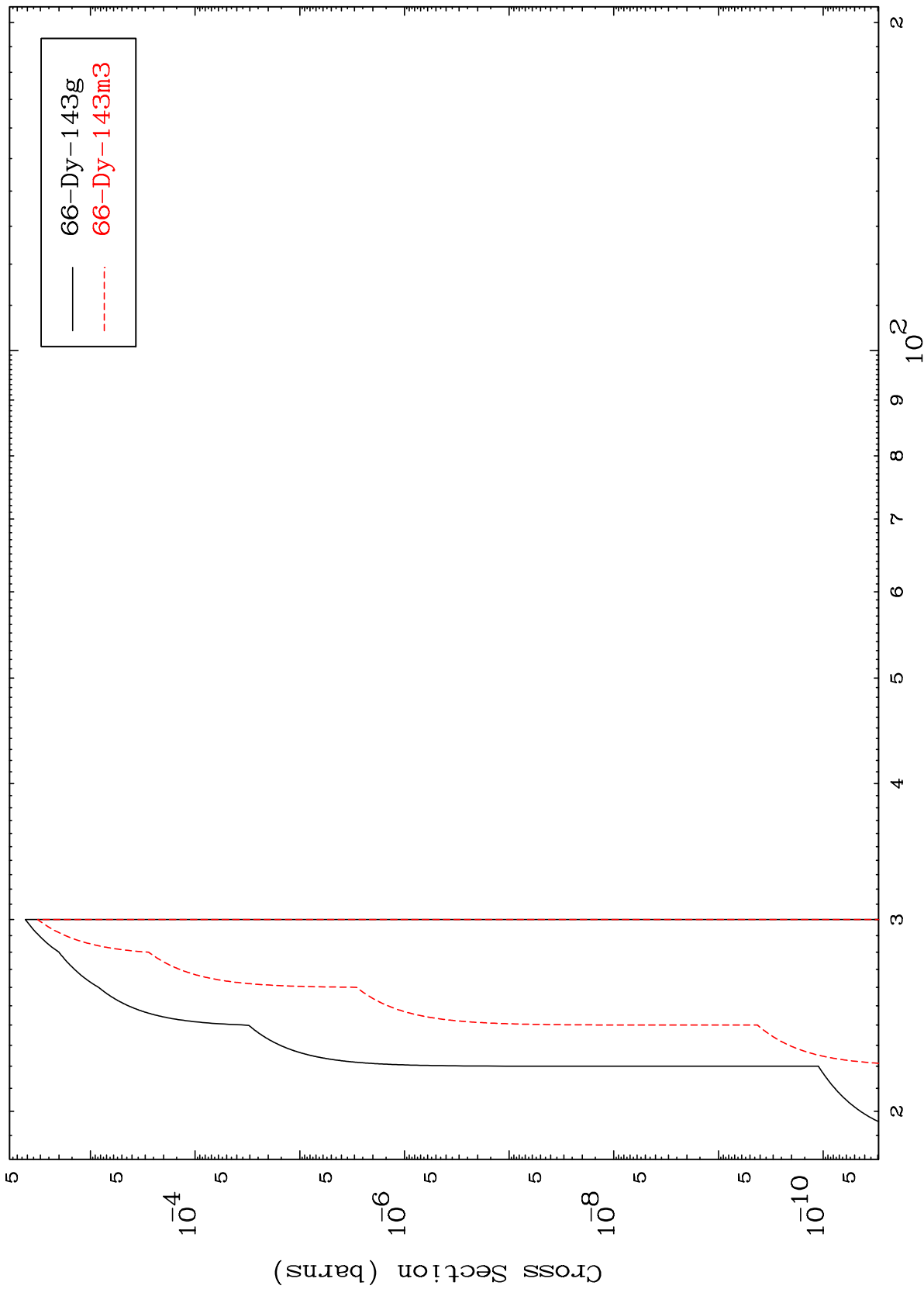


MAT 6583

$(\alpha, 2n)$  p

66-Dy-142

Radionuclide Production Cross Section



12

Incident Energy (MeV)

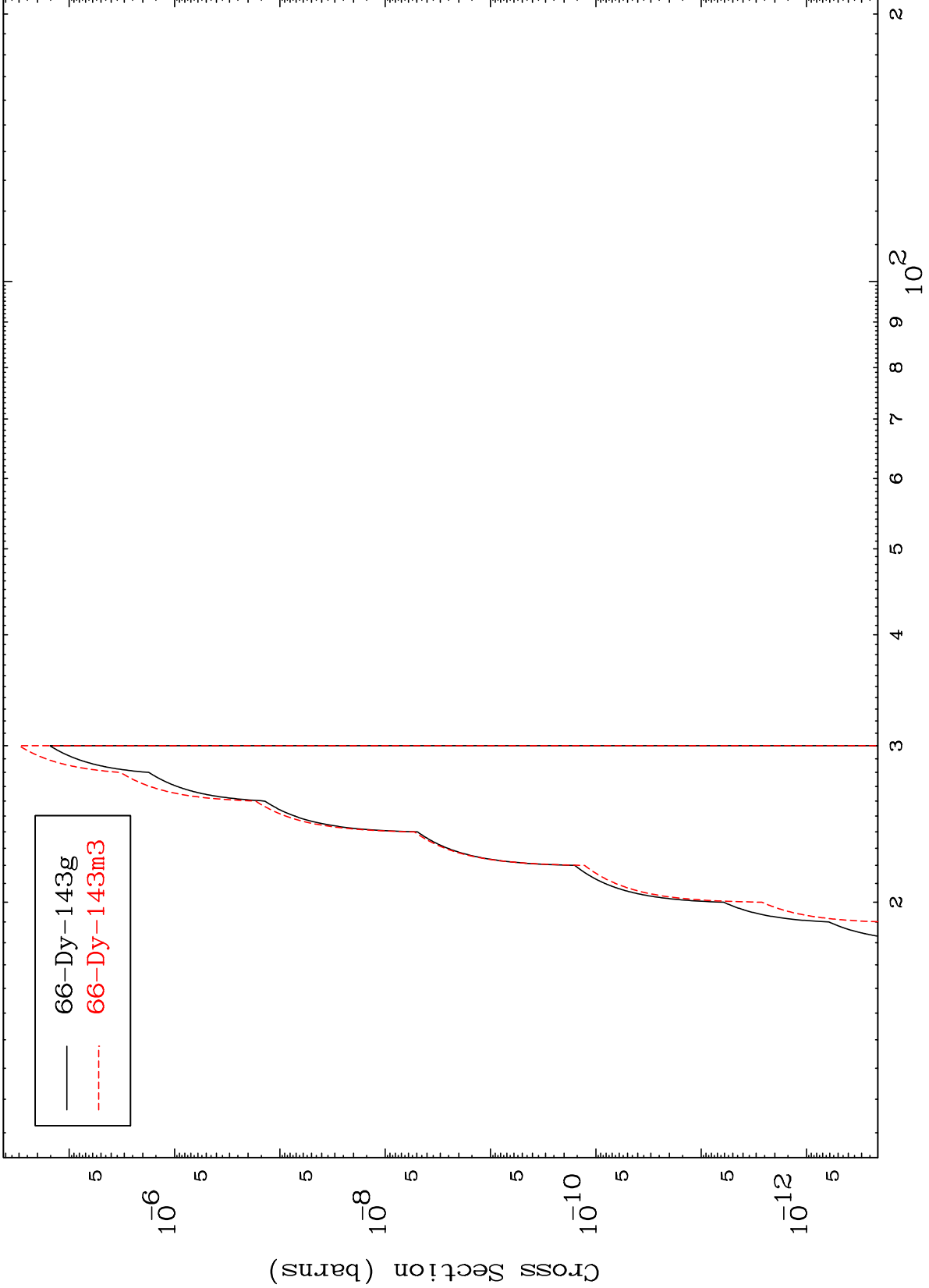
66-Dy-142

MAT 6583

( $\alpha, \text{He-3}$ )

66-Dy-142

Radionuclide Production Cross Section



13

Incident Energy (MeV)

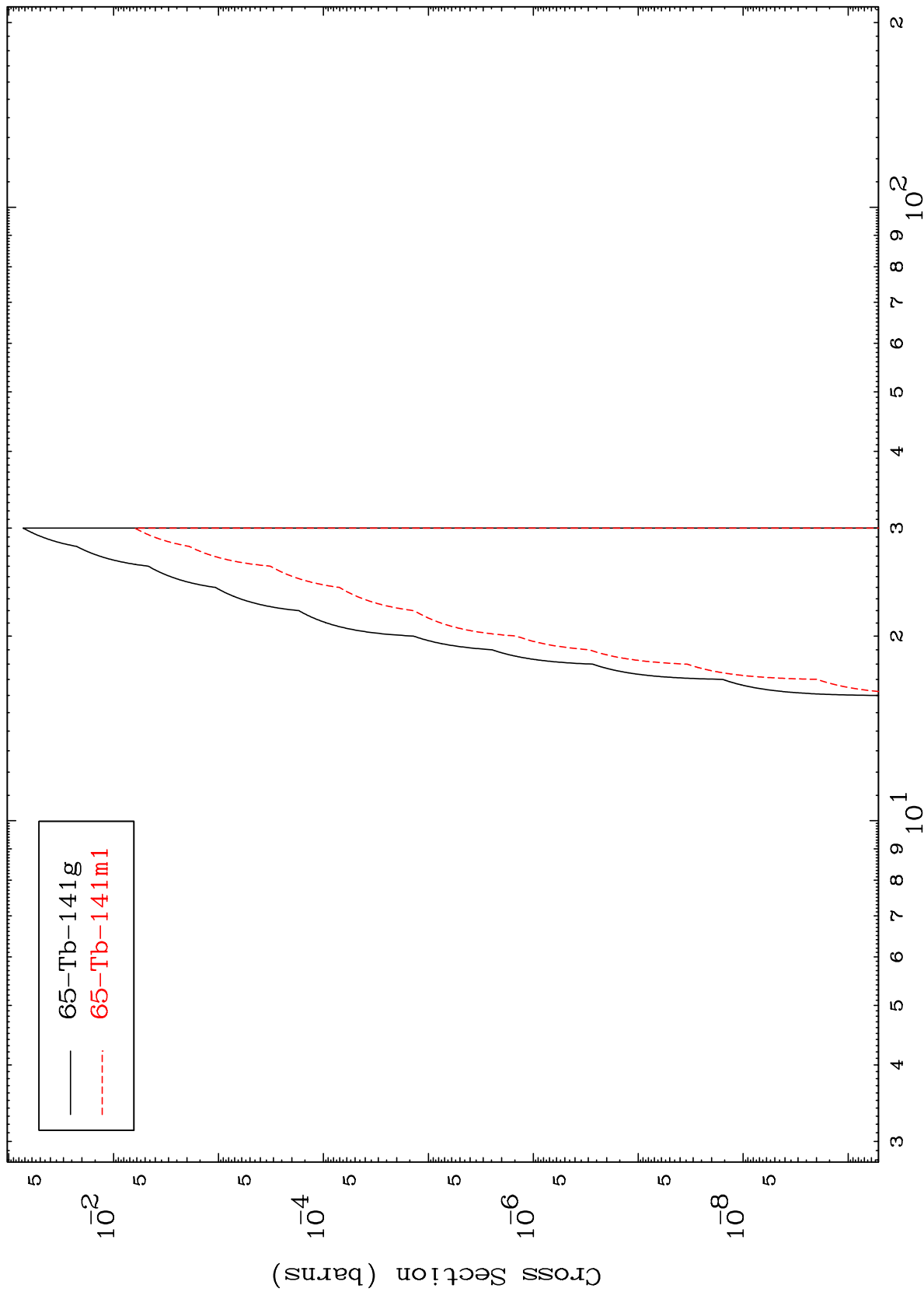
66-Dy-142

MAT 6583

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

66-Dy-142

Radionuclide Production Cross Section



14

Incident Energy (MeV)

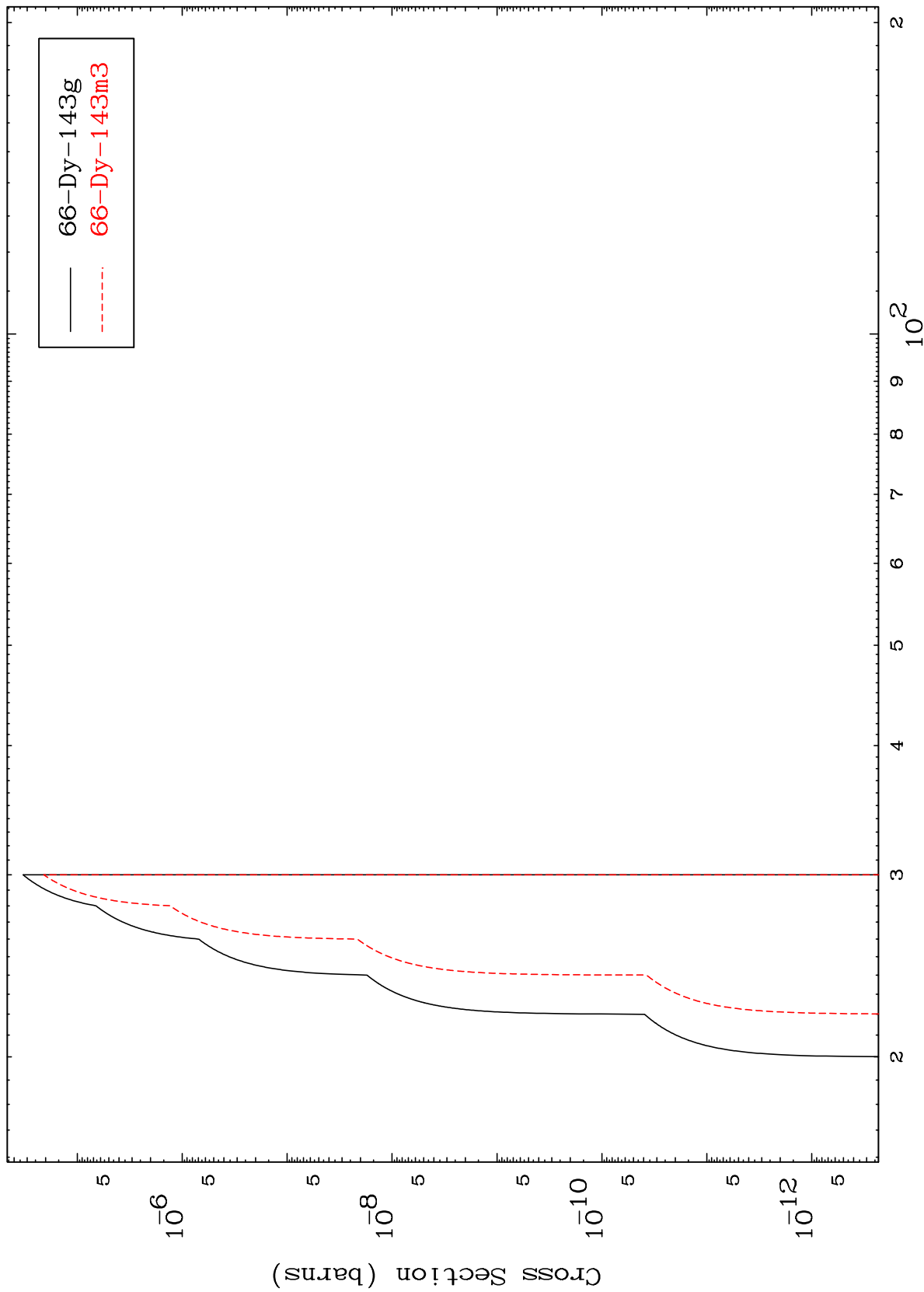
66-Dy-142

MAT 6583

( $\alpha, p$ ) d

66-Dy-142

Radionuclide Production Cross Section



15

Incident Energy (MeV)

66-Dy-142