

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

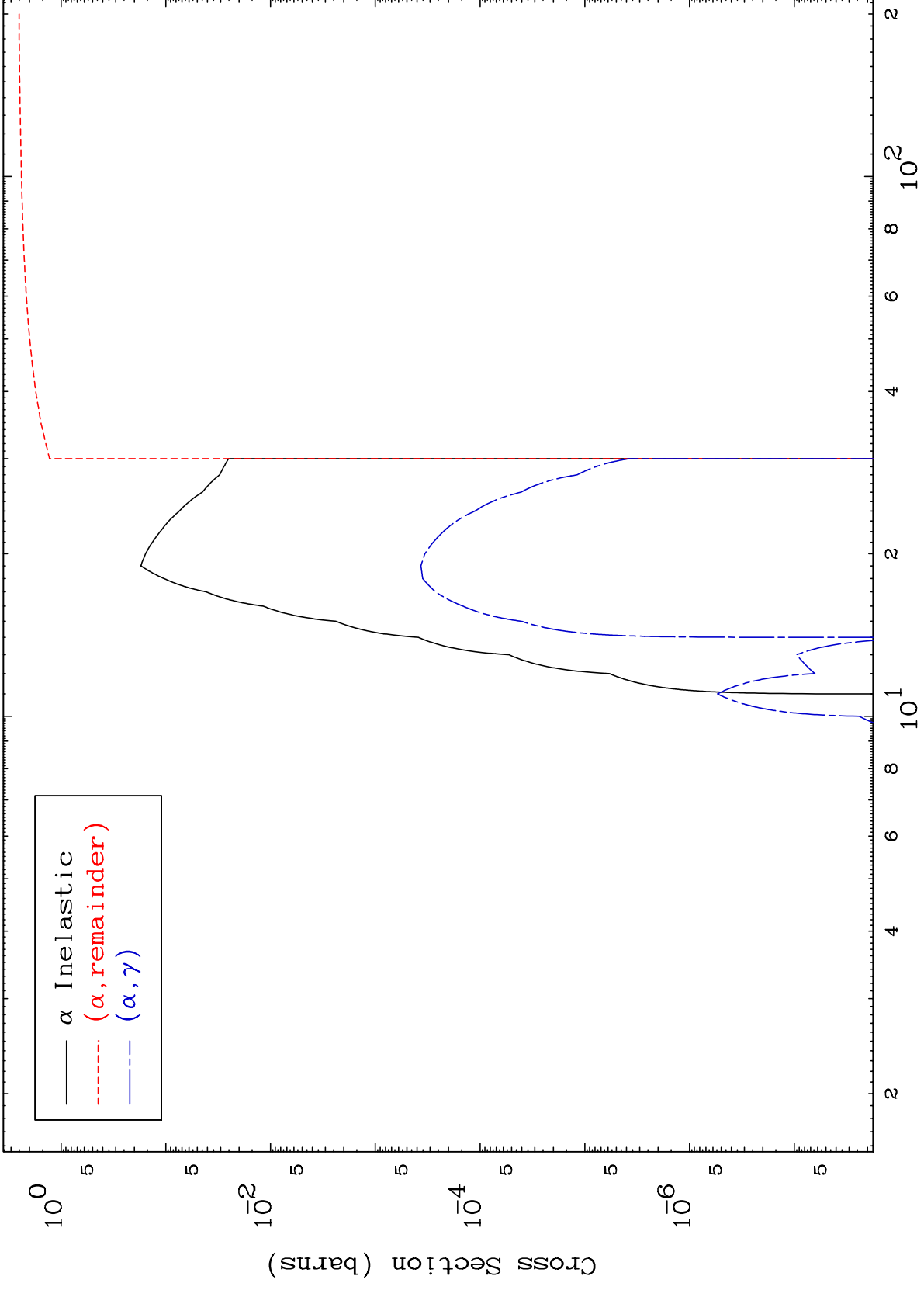
Press Mouse Button to Start

MAT 6714

$\alpha$  Major

67-Ho-161

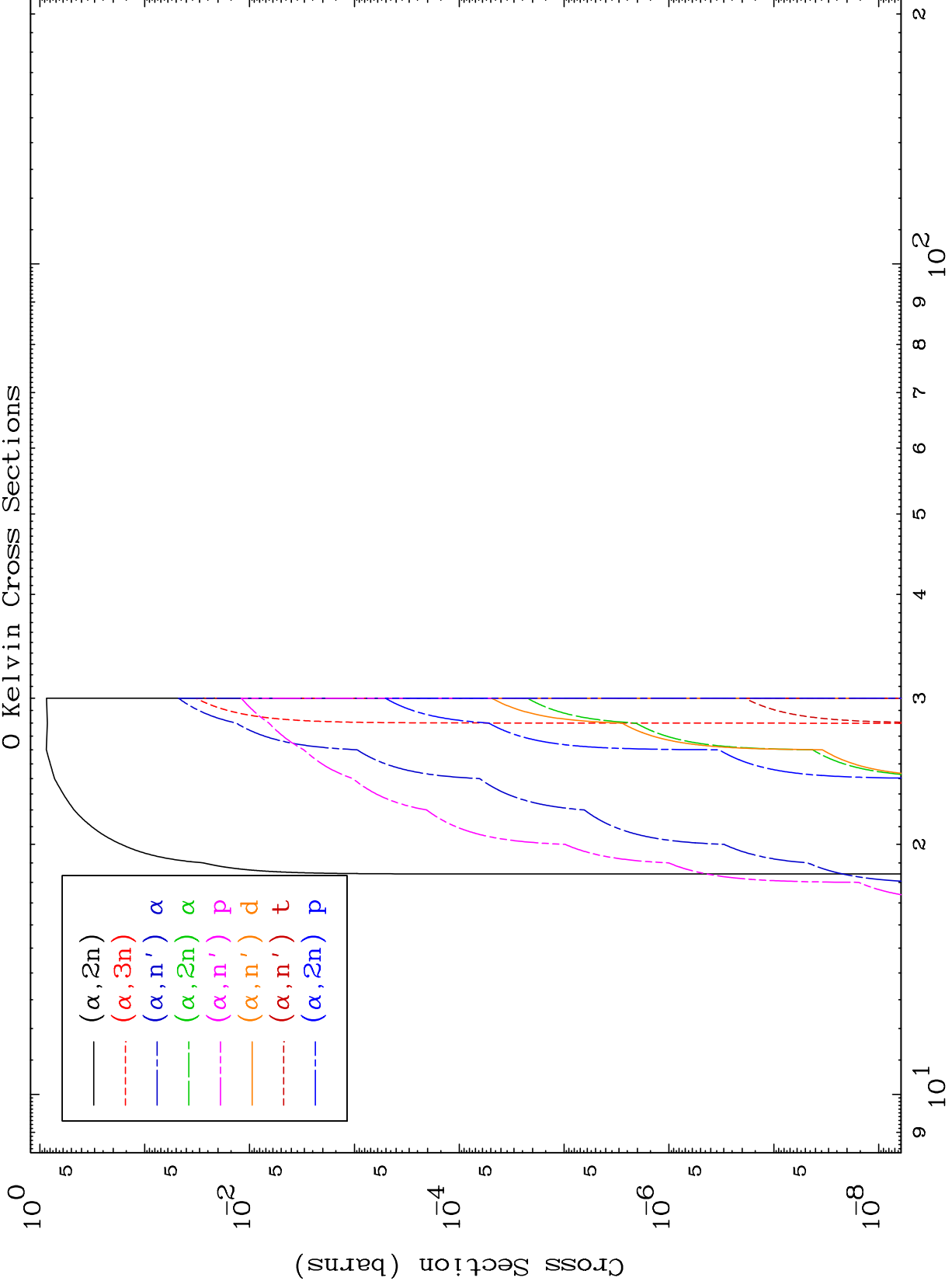
0 Kelvin Cross Sections



MAT 6714

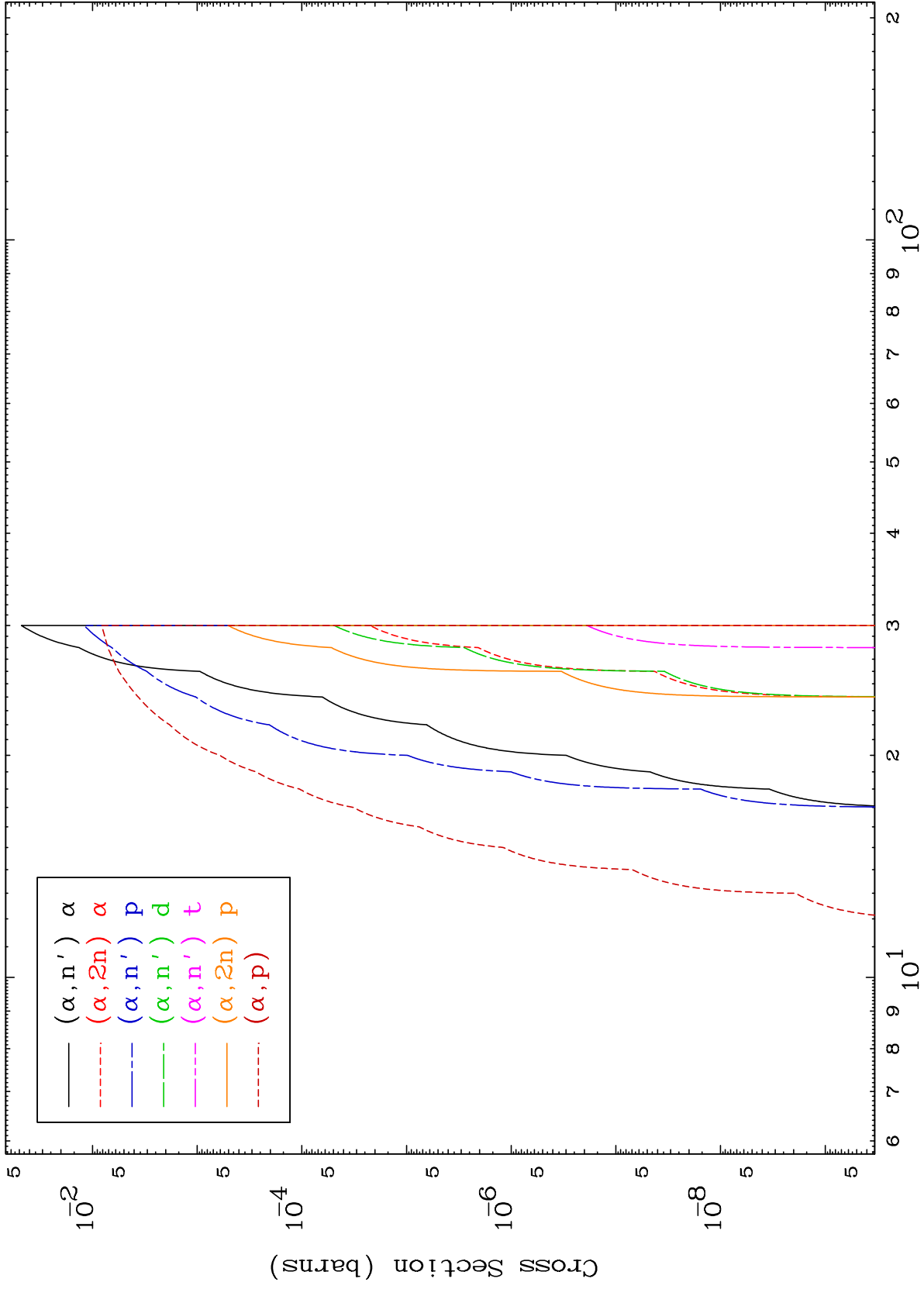
$\alpha$  Neutron Production  
0 Kelvin Cross Sections

67-Ho-161



Incident Energy (MeV)

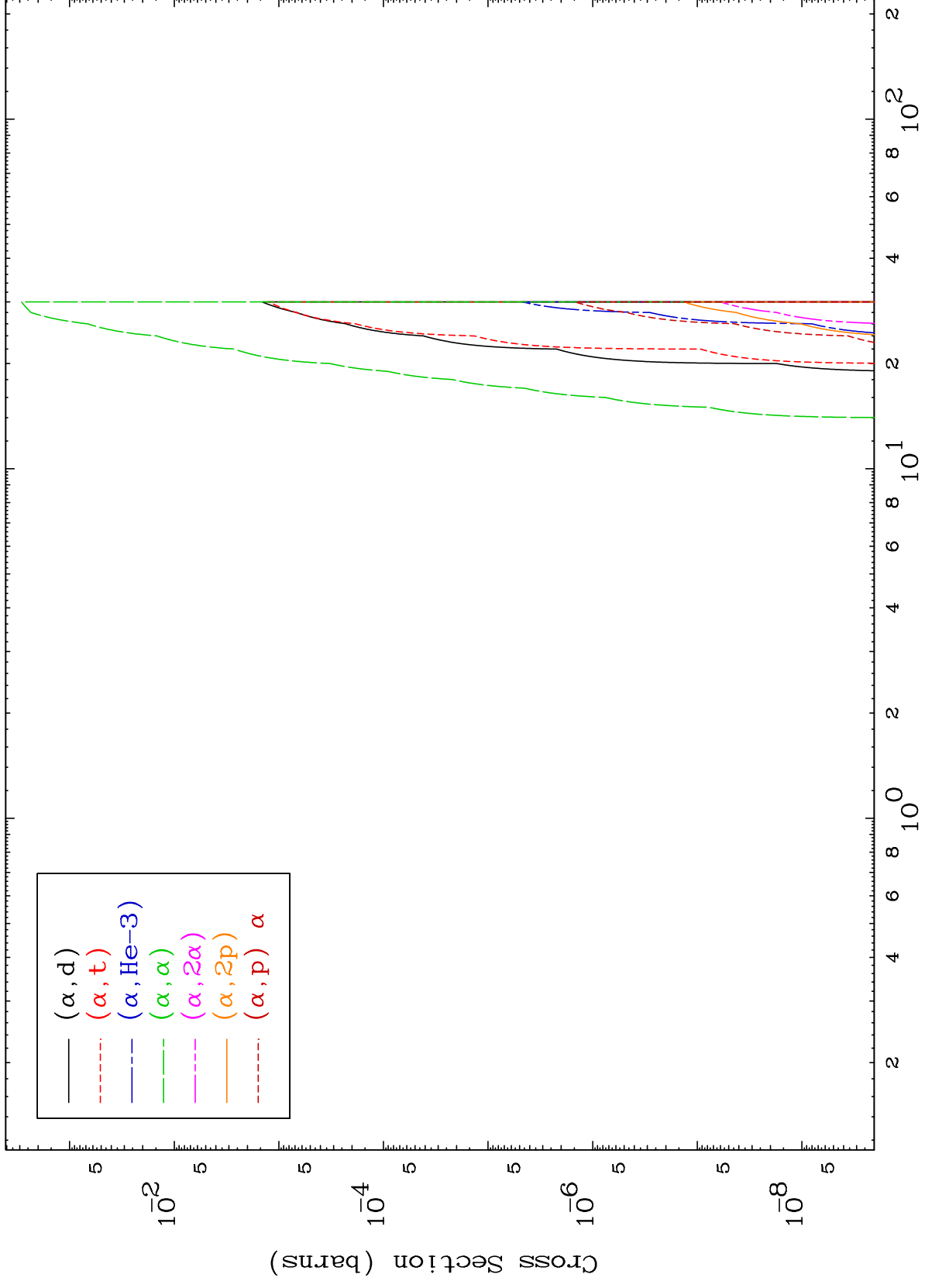
67-Ho-161



MAT 6714

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

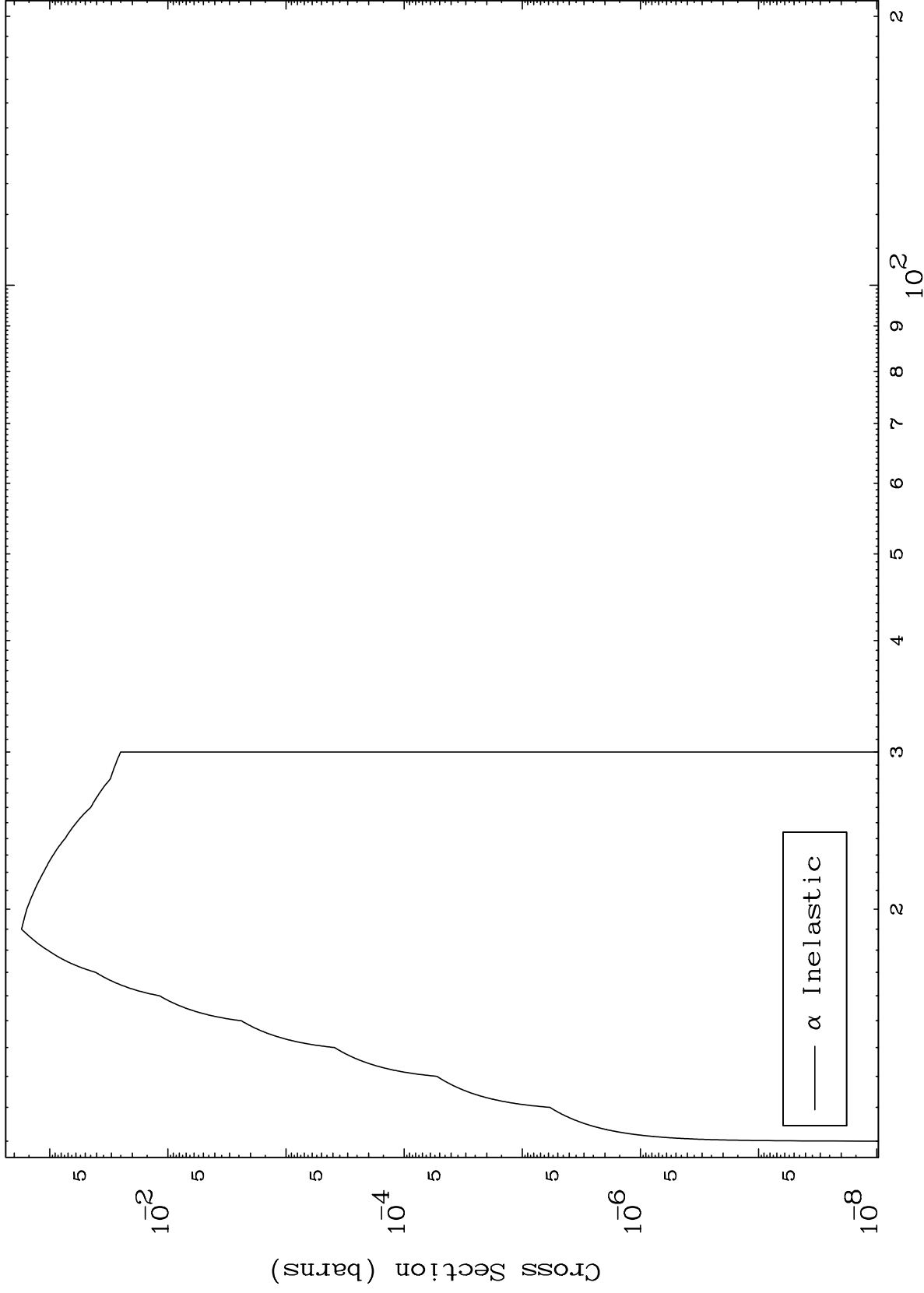
67-Ho-161



MAT 6714

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

67-Ho-161



5

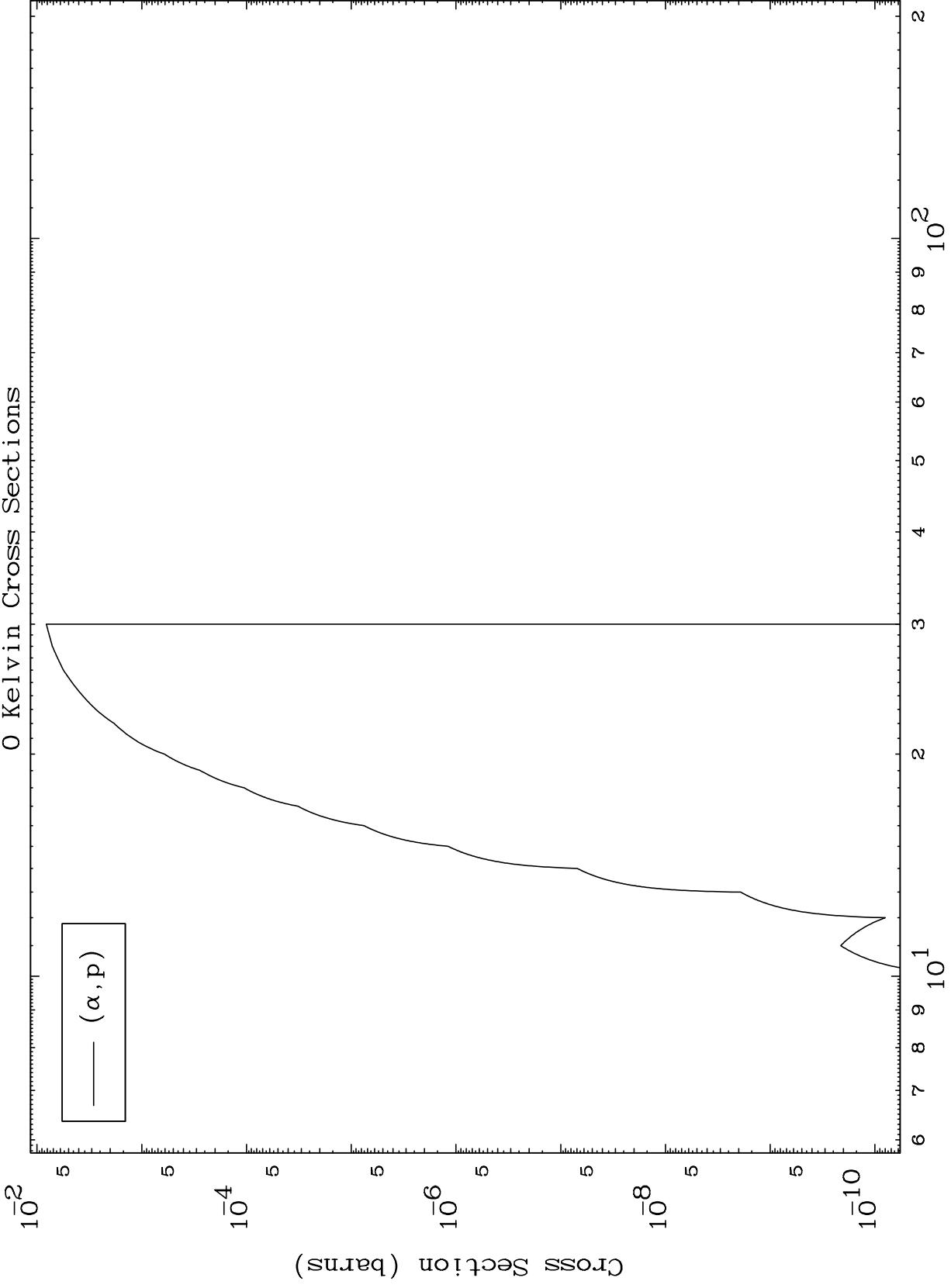
Incident Energy (MeV)

67-Ho-161

MAT 6714

67-Ho-161

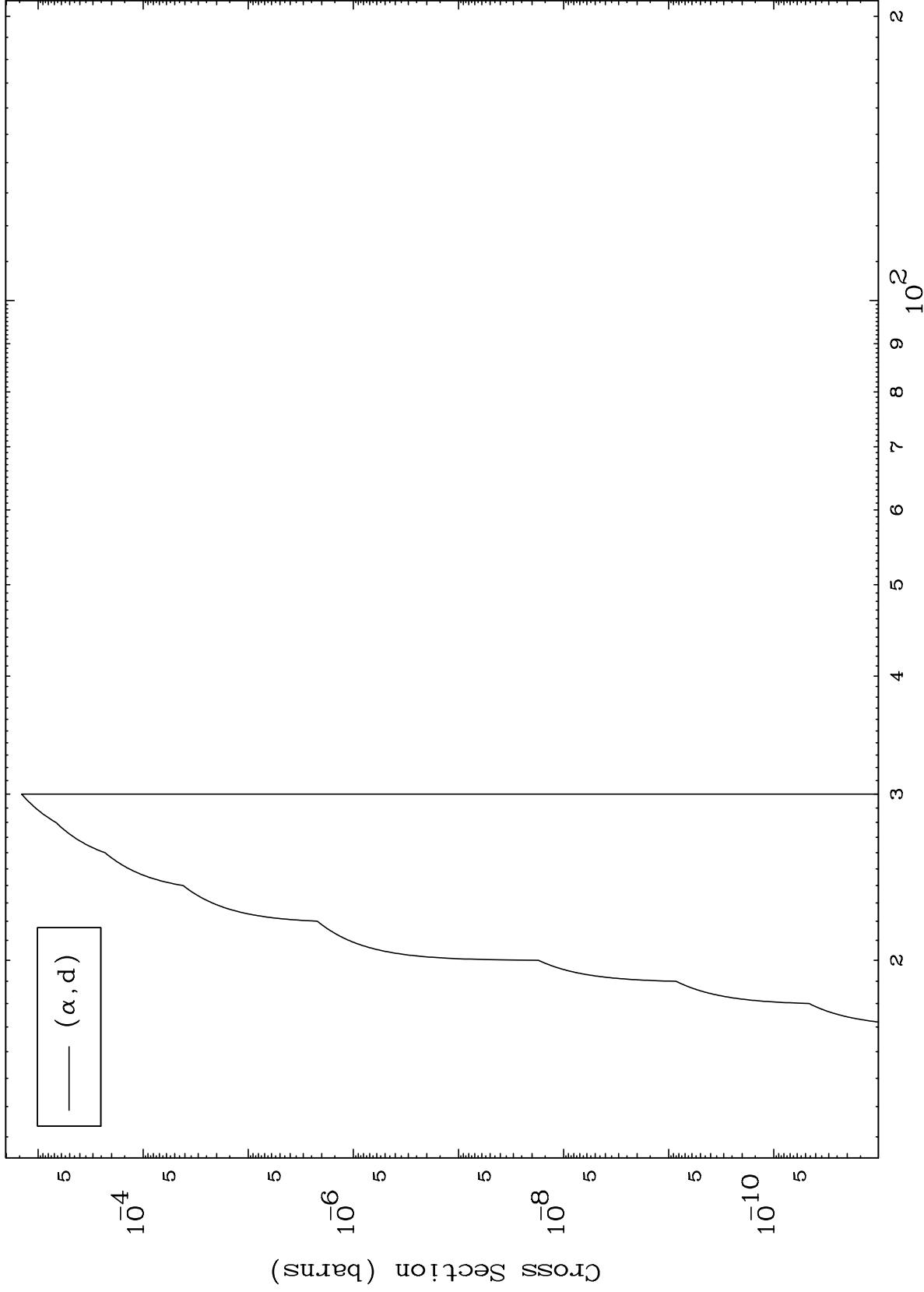
( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections



MAT 6714

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

67-Ho-161



7

Incident Energy (MeV)

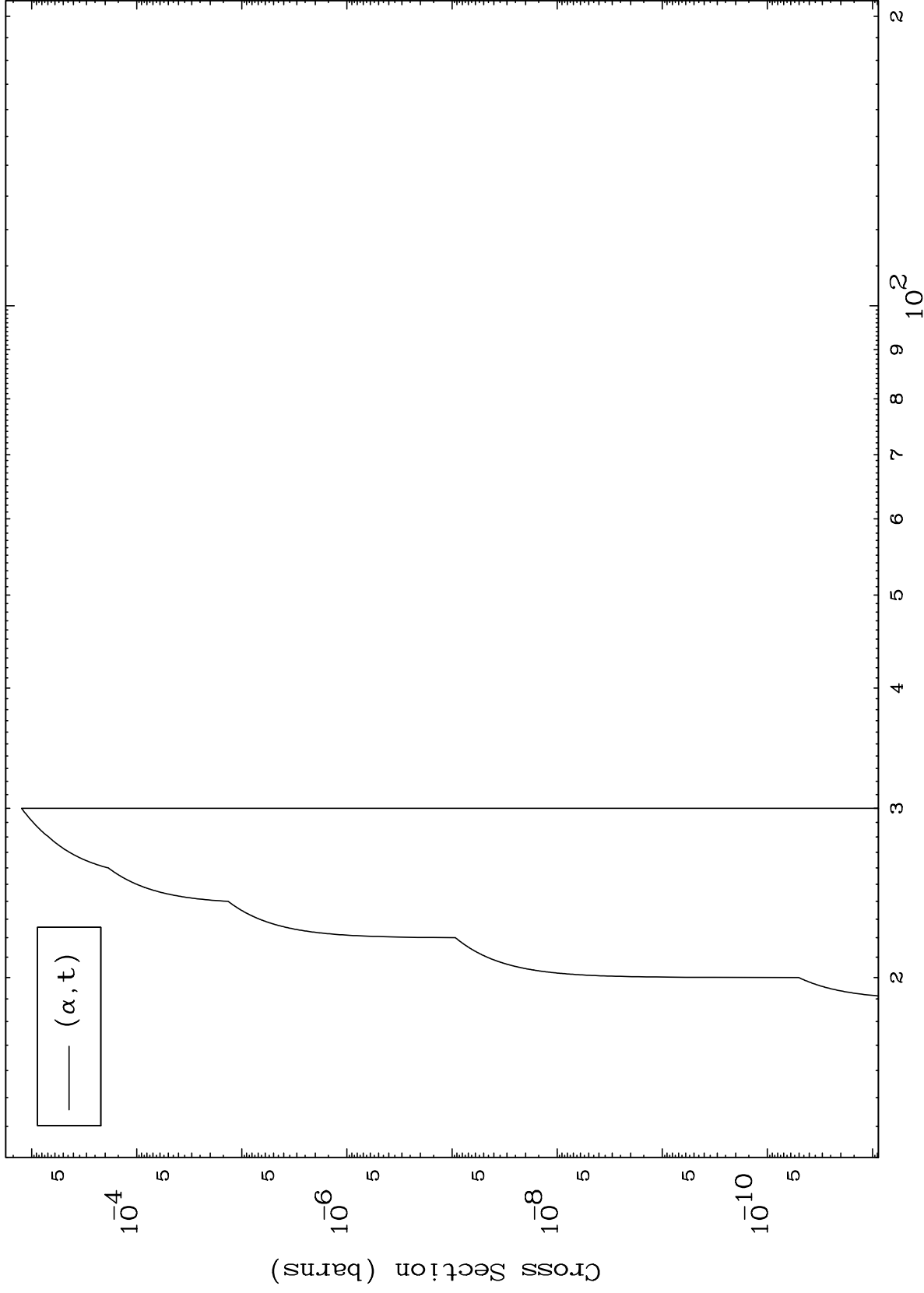
67-Ho-161



MAT 6714

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

67-Ho-161

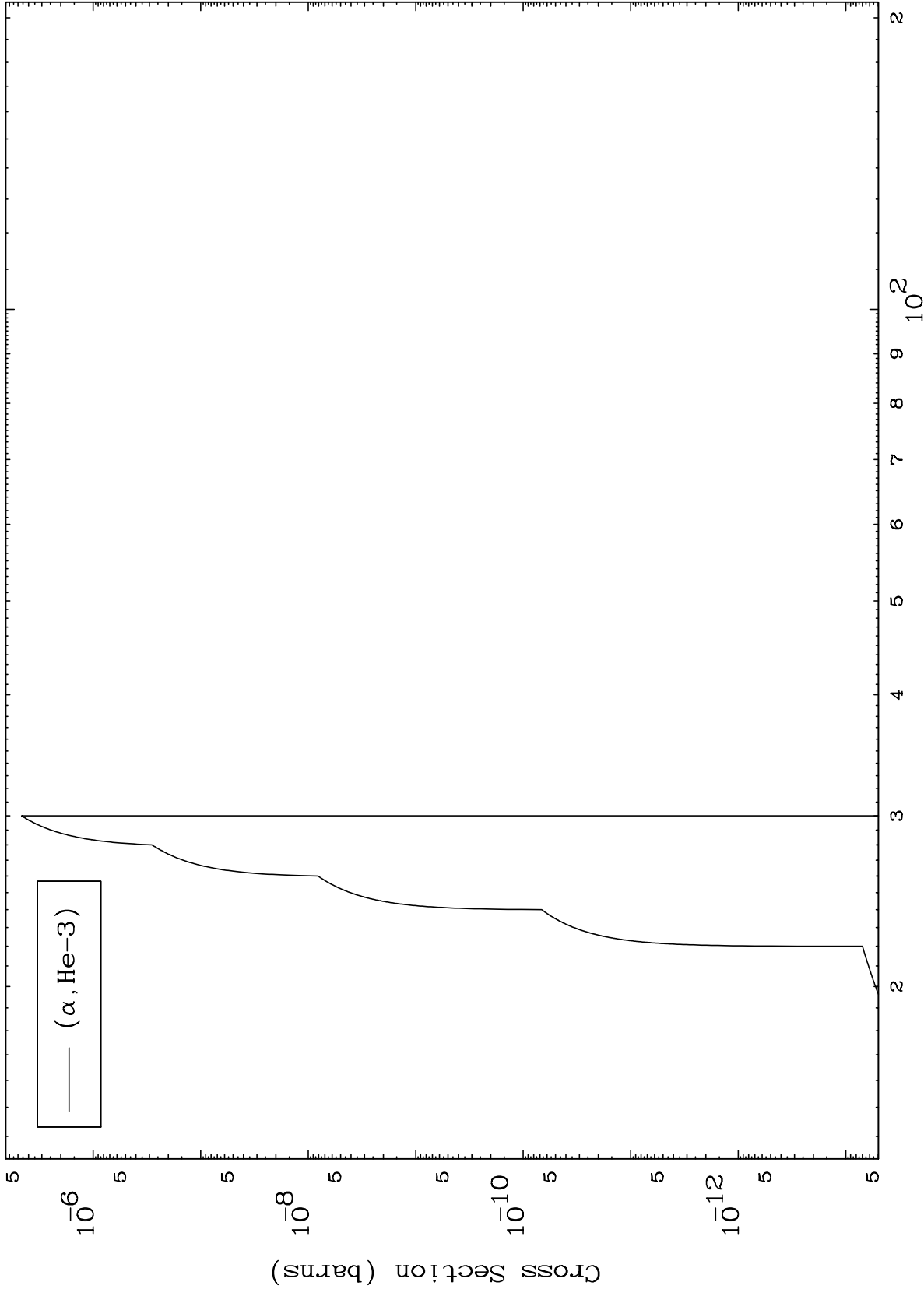


8

Incident Energy (MeV)

67-Ho-161

( $\alpha, \text{He3}$ ) Levels  
0 Kelvin Cross Sections

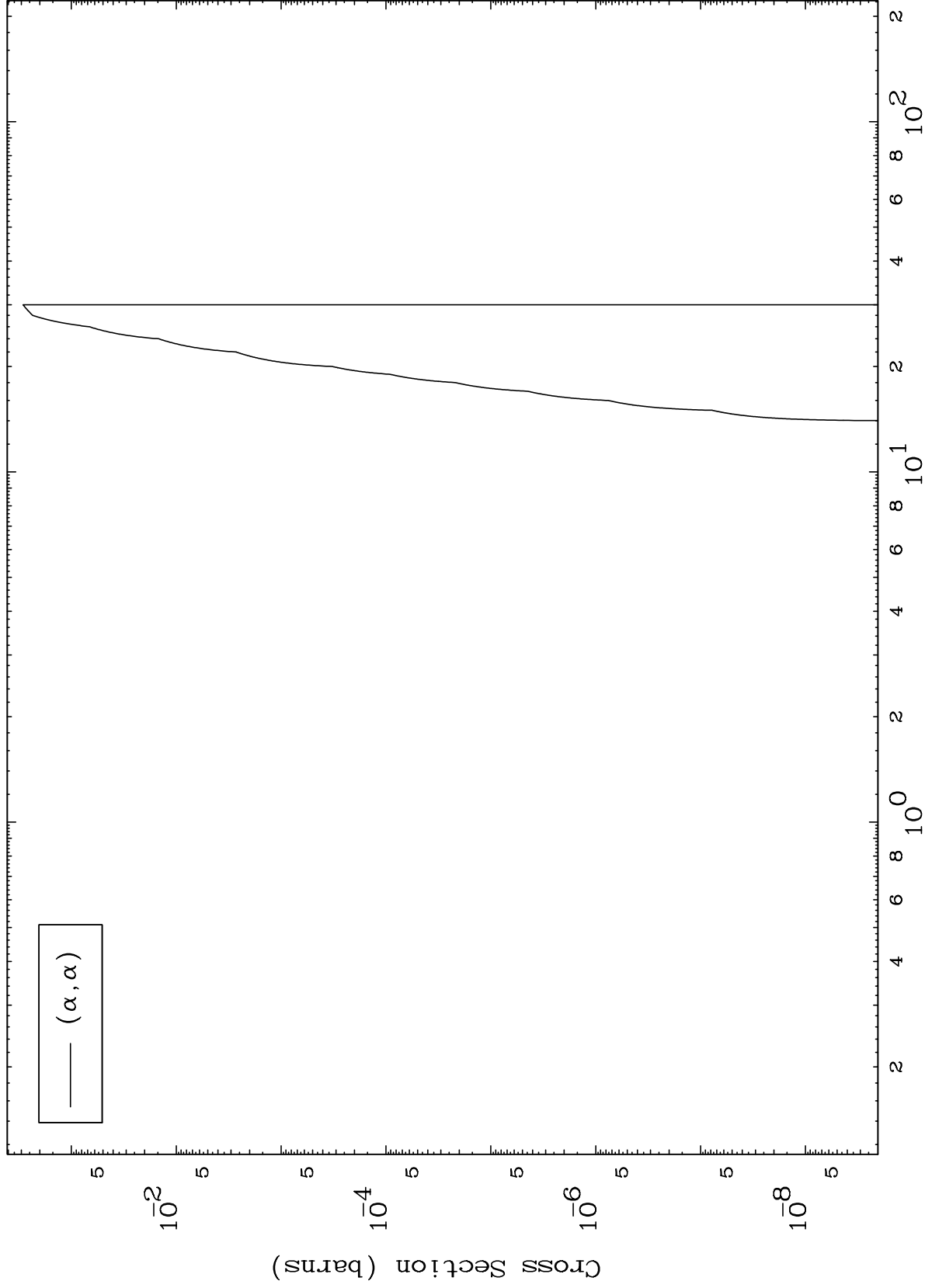


MAT 6714

( $\alpha, \alpha$ ) Levels

67-Ho-161

0 Kelvin Cross Sections



10

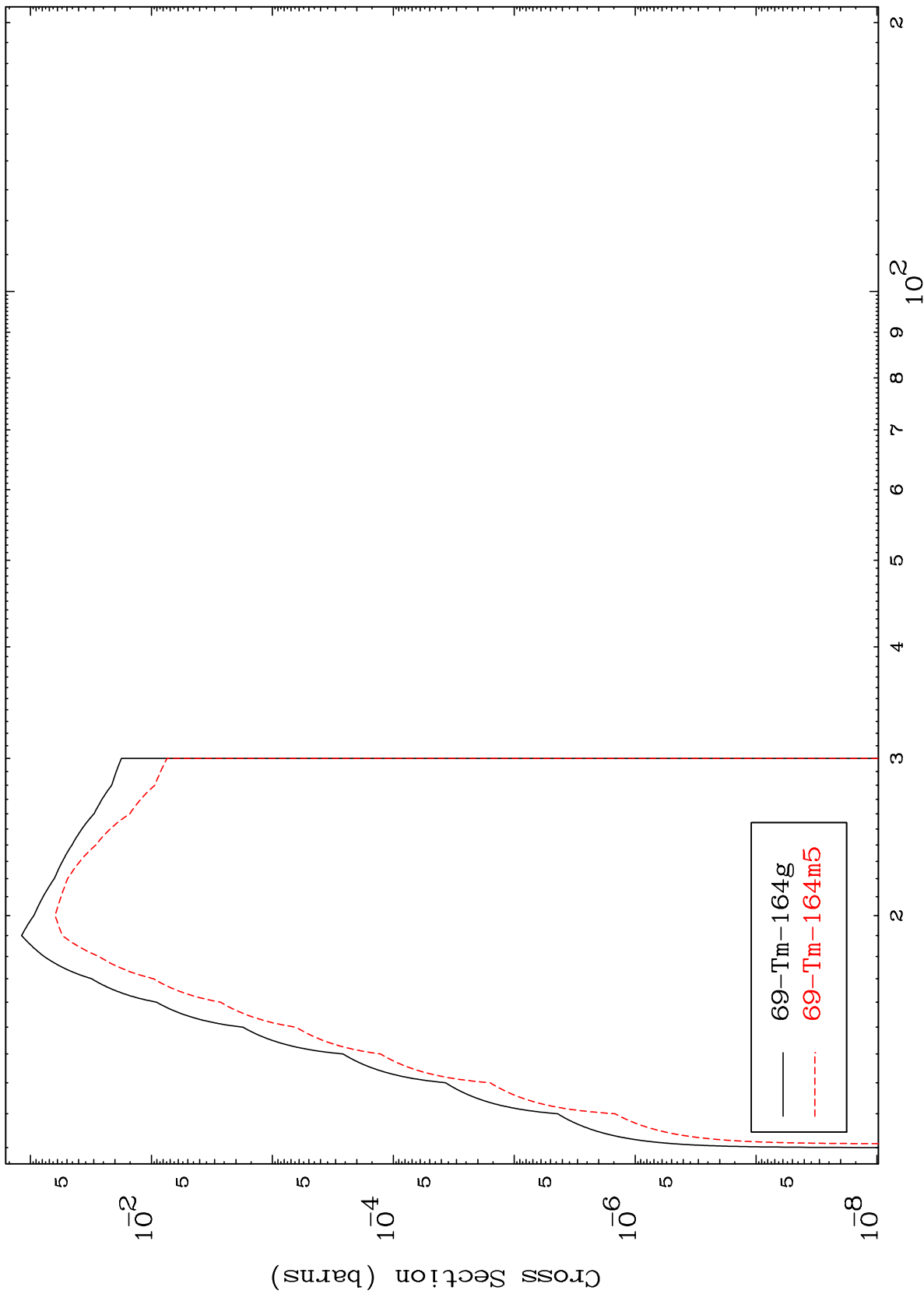
Incident Energy (MeV)

67-Ho-161

MAT 6714

67-Ho-161

Radionuclide Production Cross Section  
 $\alpha$  Inelastic



11

67-Ho-161

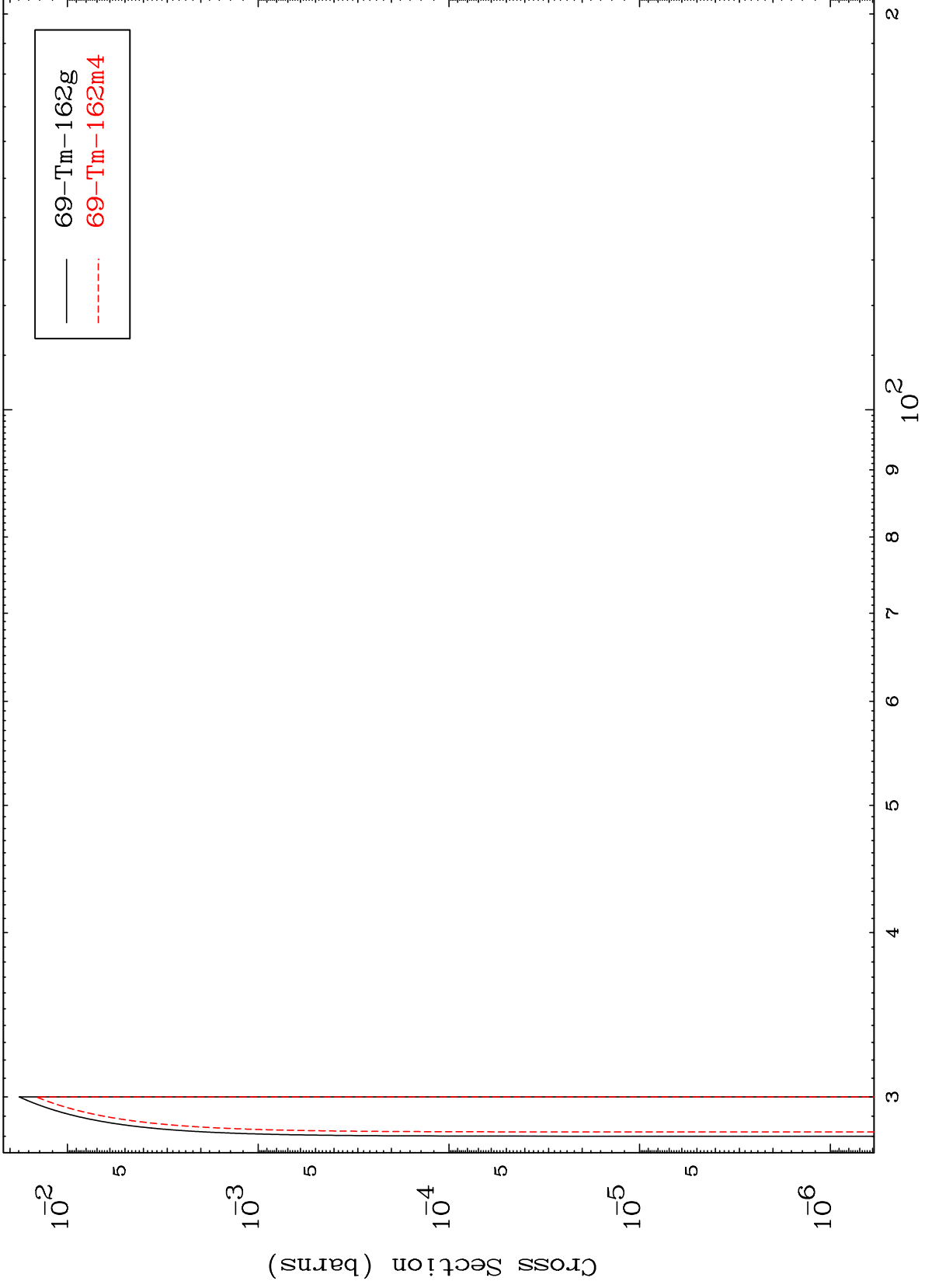
Incident Energy (MeV)

MAT 6714

( $\alpha, 3n$ )

67-Ho-161

Radionuclide Production Cross Section



12

Incident Energy (MeV)

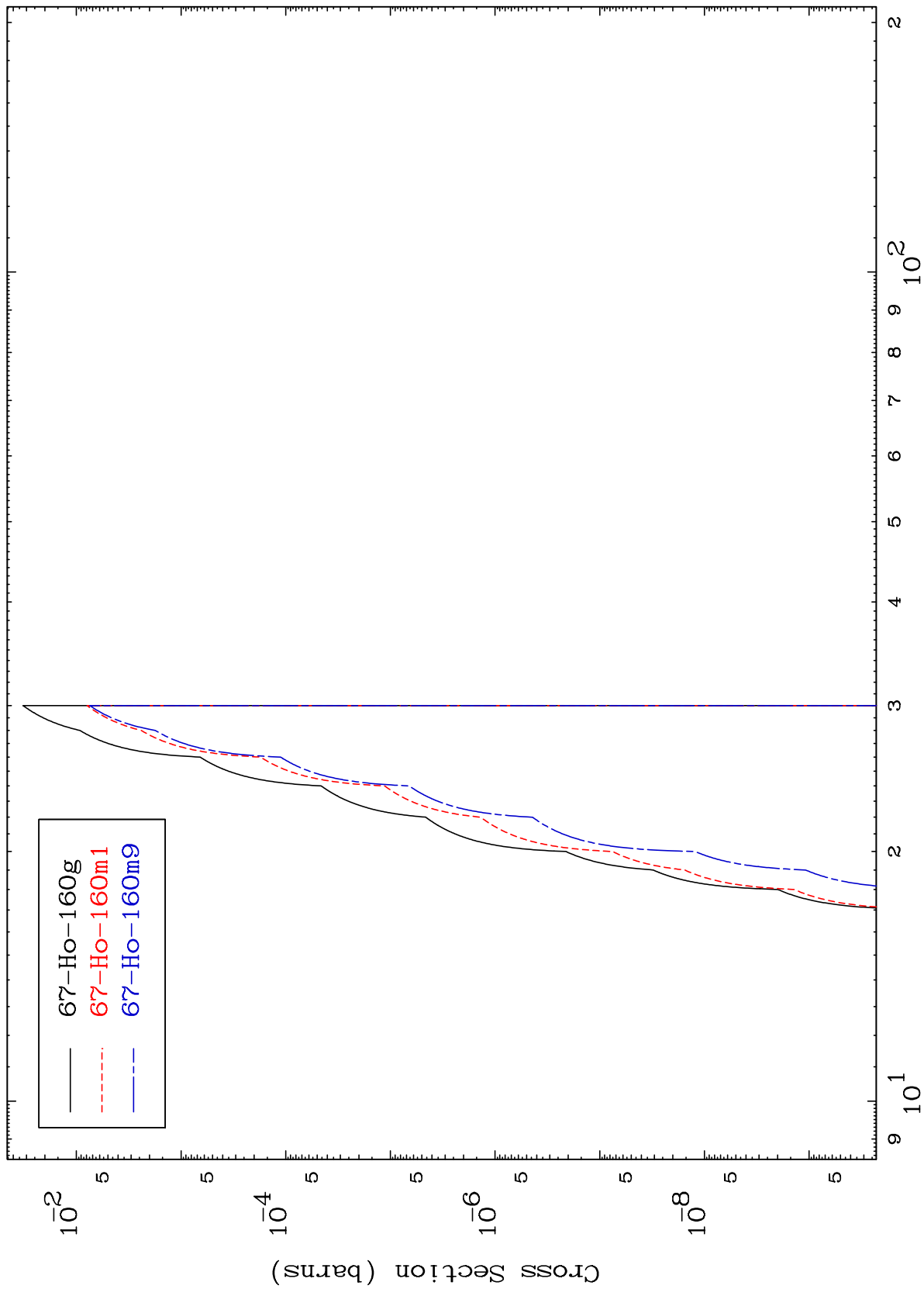
67-Ho-161

MAT 6714

$(\alpha, n')$   $\alpha$

67-Ho-161

Radionuclide Production Cross Section



13

Incident Energy (MeV)

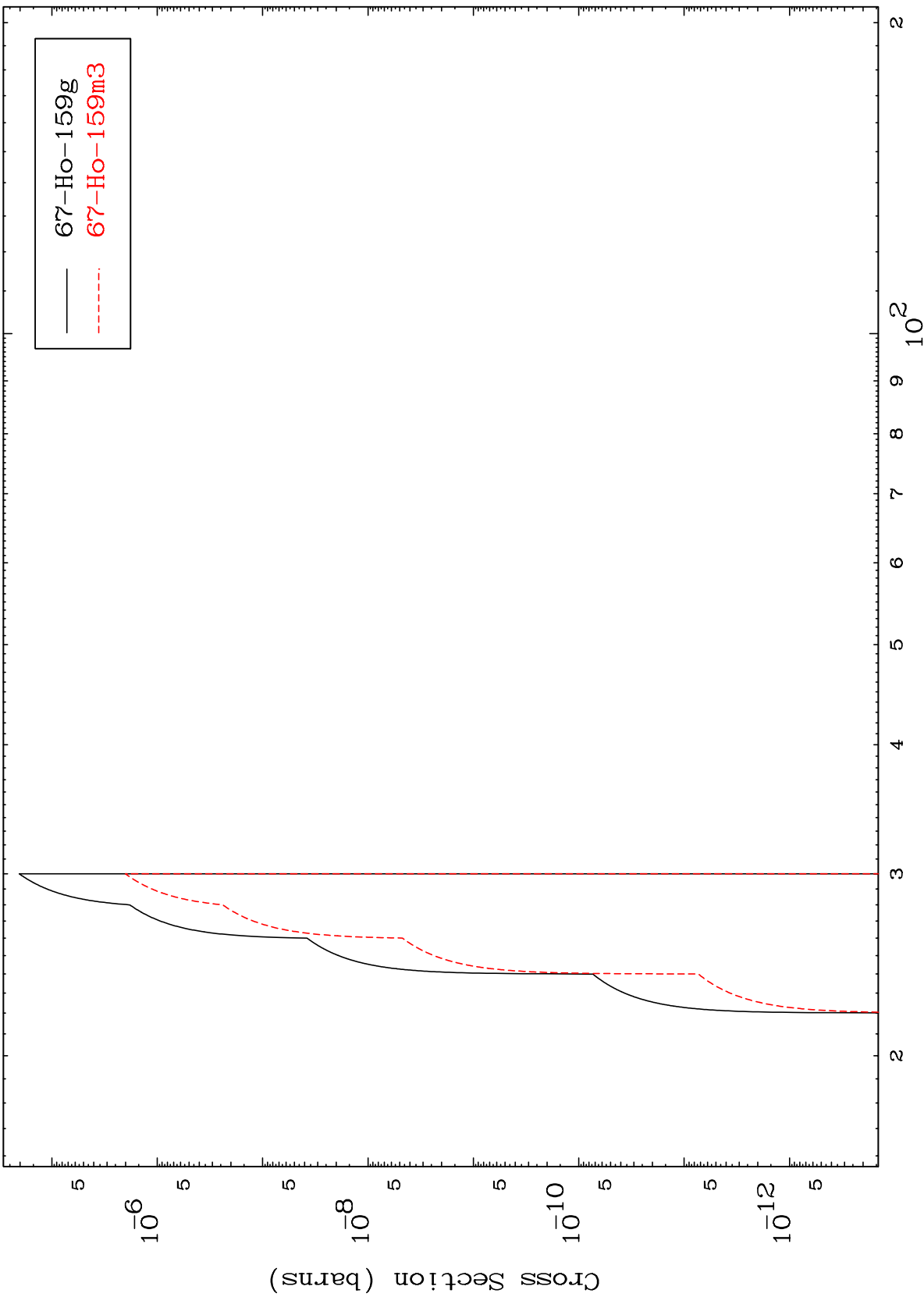
67-Ho-161

MAT 6714

$(\alpha, 2n) \alpha$

67-Ho-161

Radionuclide Production Cross Section



14

Incident Energy (MeV)

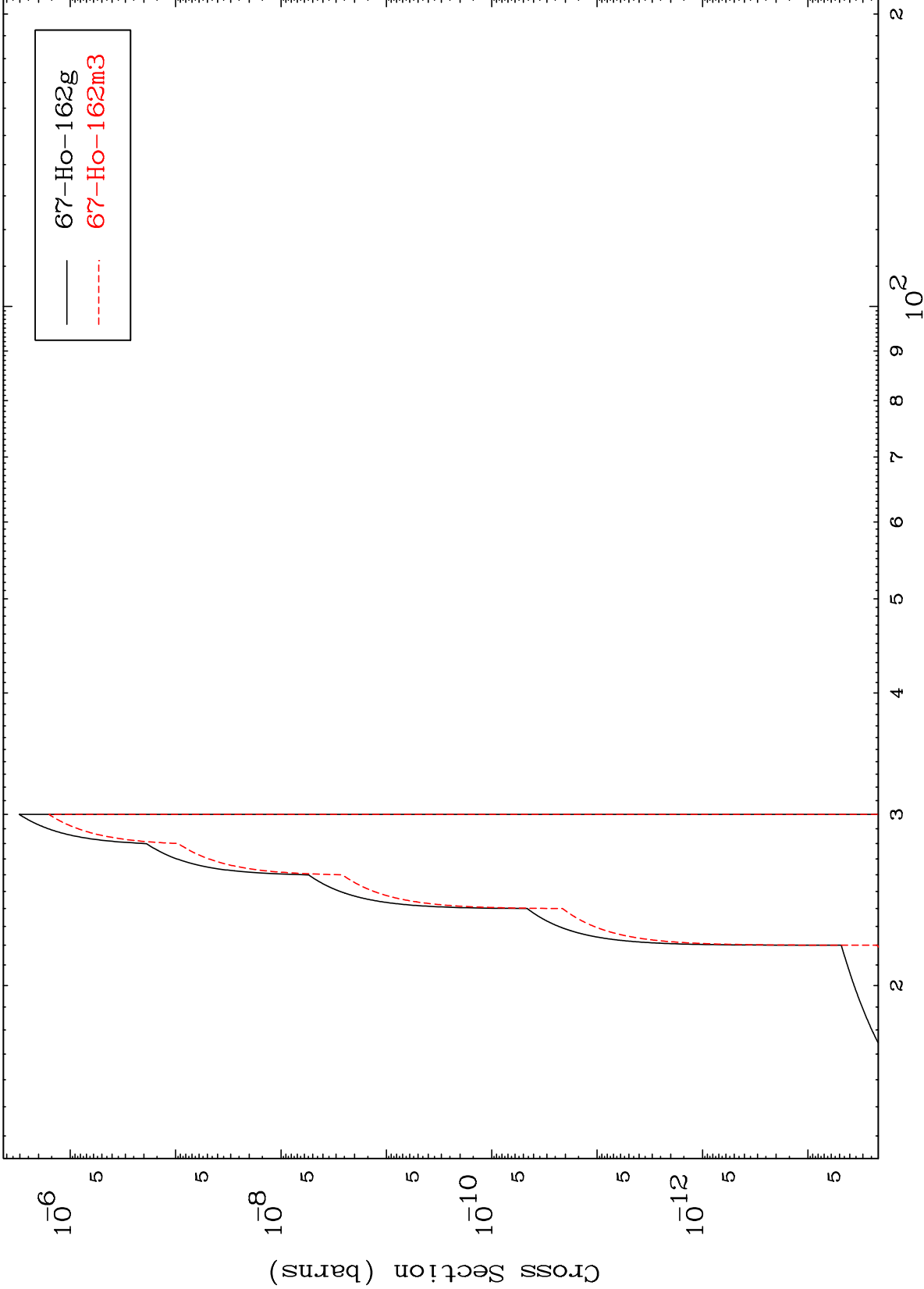
67-Ho-161

MAT 6714

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

67-Ho-161

Radionuclide Production Cross Section



15

Incident Energy (MeV)

67-Ho-161

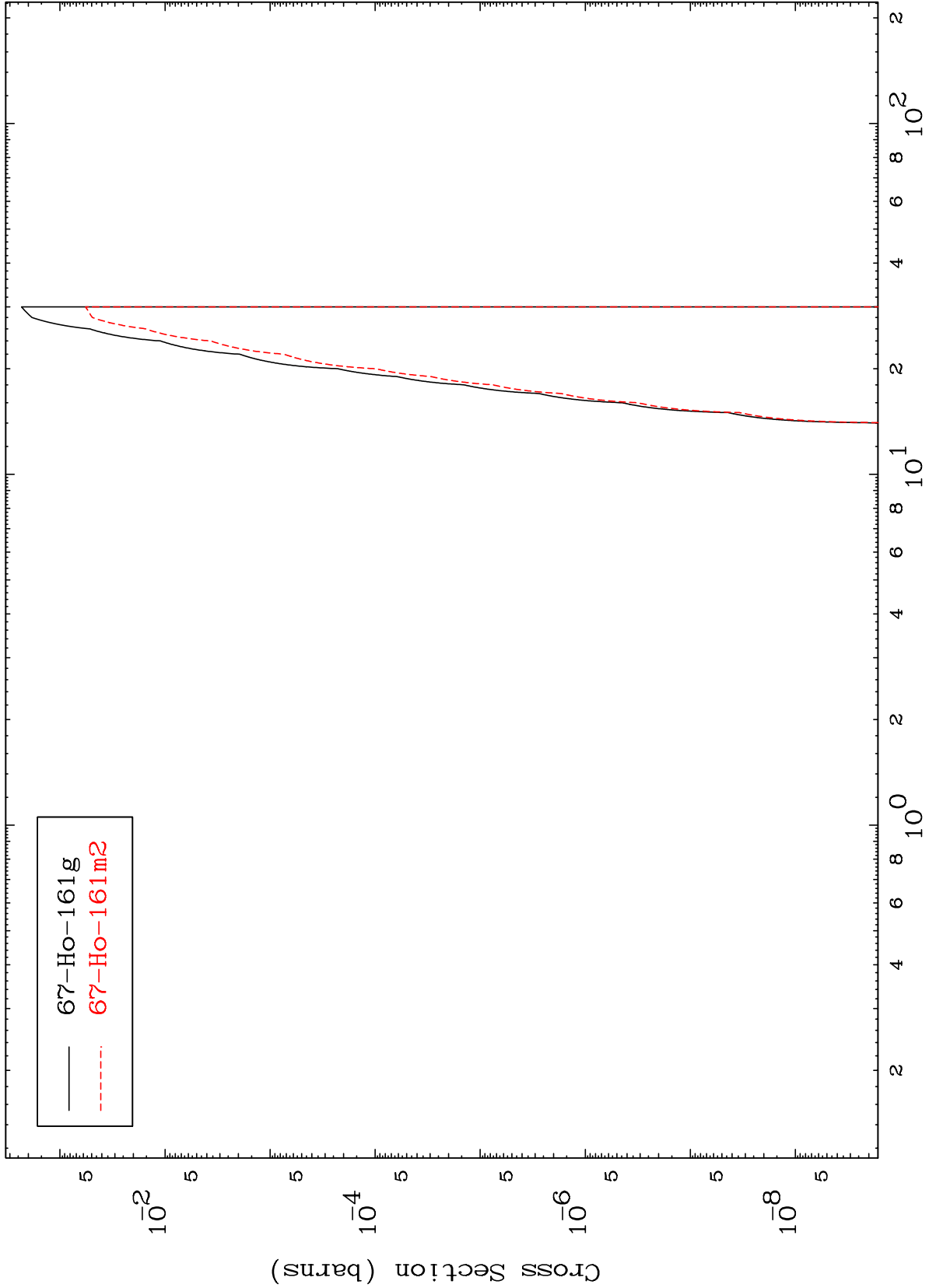


MAT 6714

<sup>67</sup>Ho-161

( $\alpha, \alpha$ )

Radionuclide Production Cross Section



16

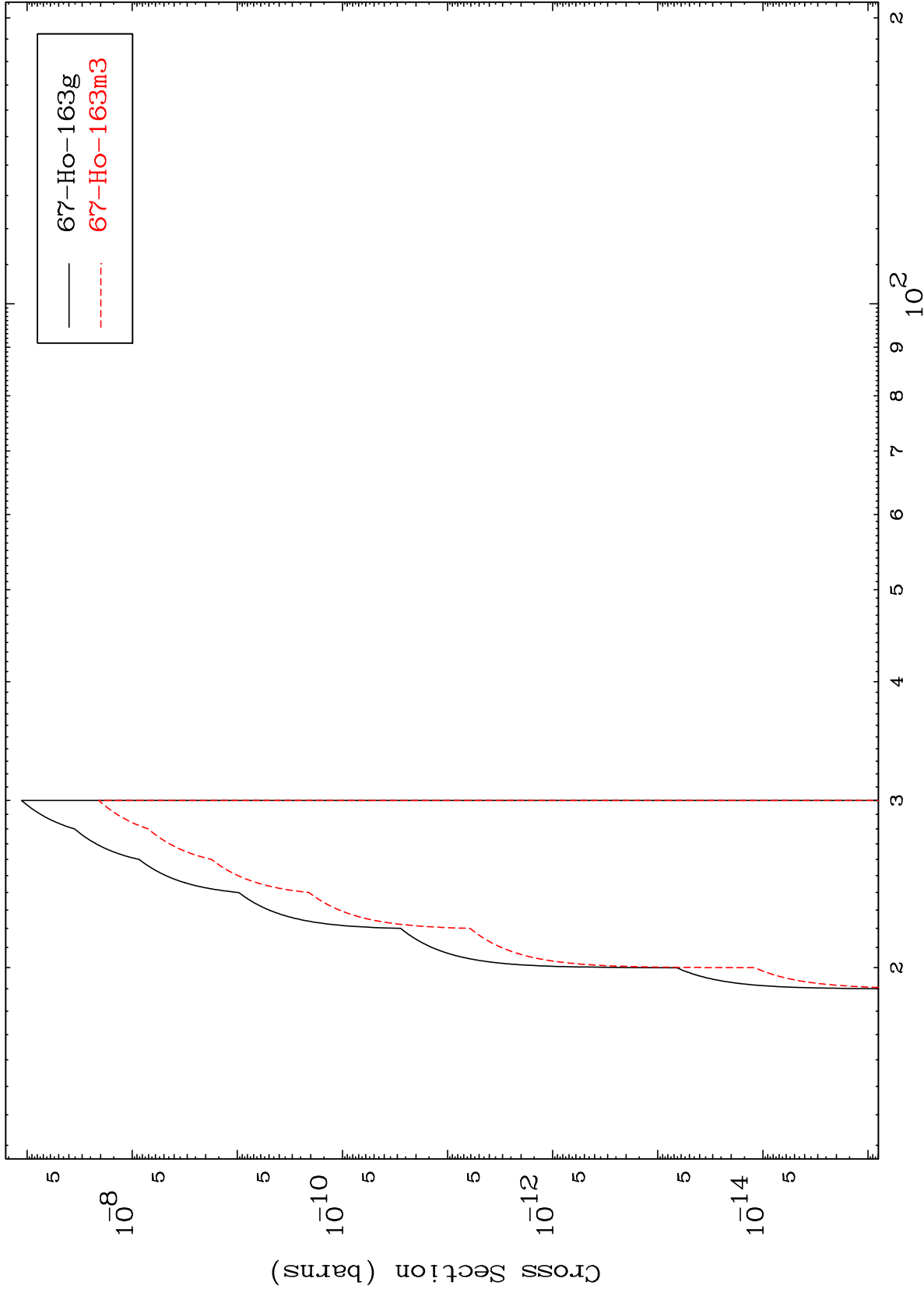
<sup>67</sup>Ho-161

Incident Energy (MeV)

MAT 6714

67-Ho-161

( $\alpha, 2p$ )  
Radionuclide Production Cross Section



17

67-Ho-161

Incident Energy (MeV)