

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

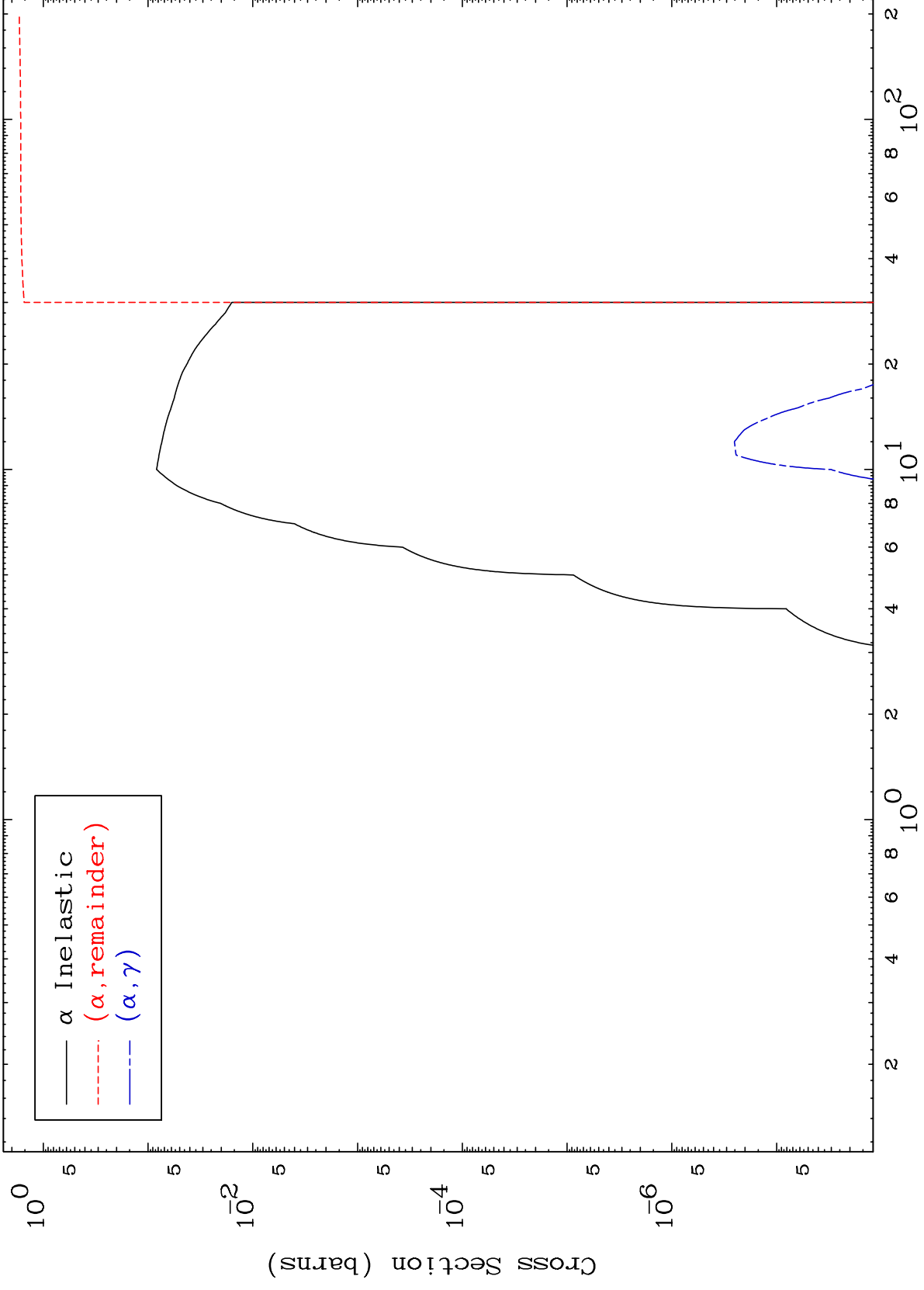
Press Mouse Button to Start

MAT 2753

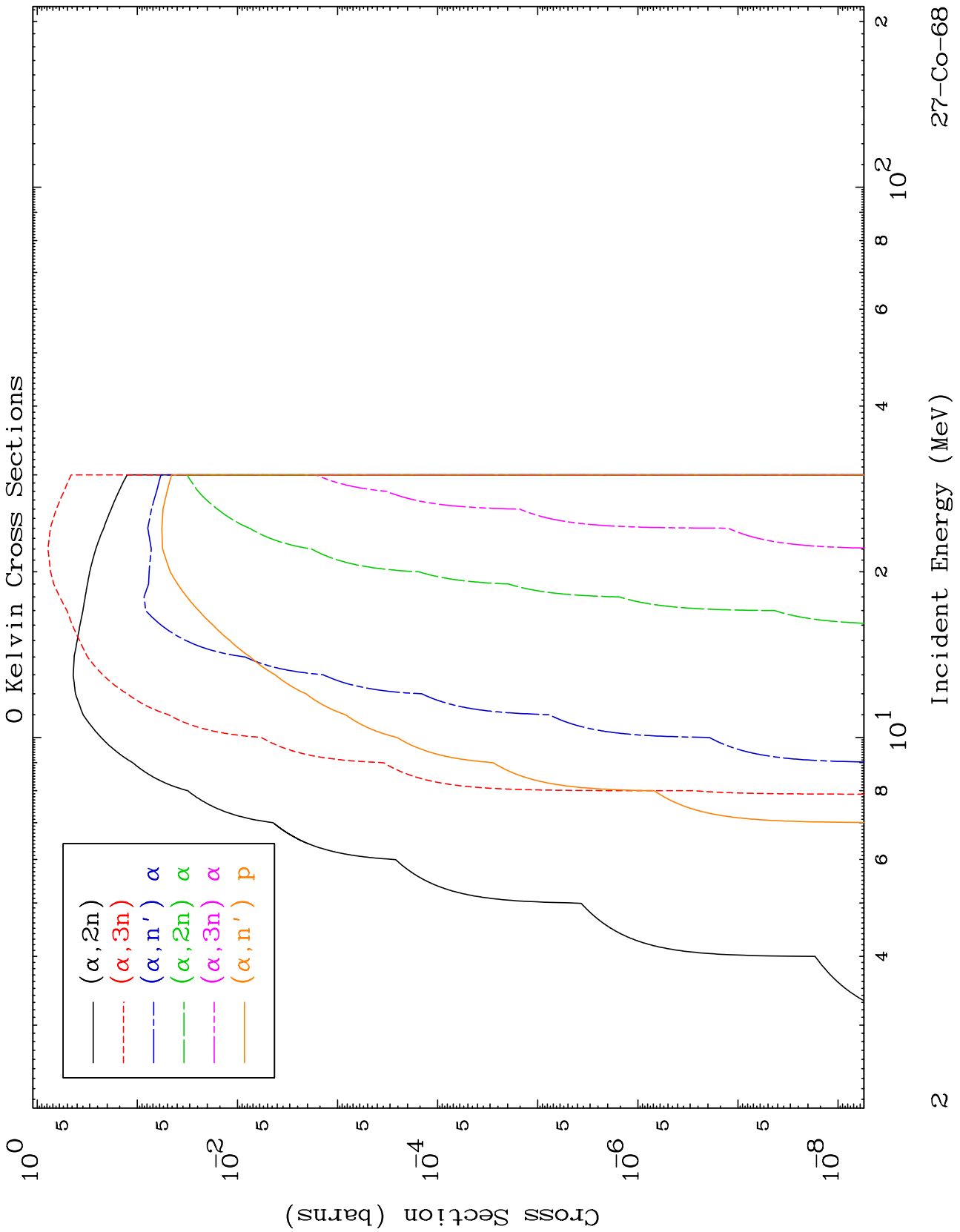
$\alpha$  Major

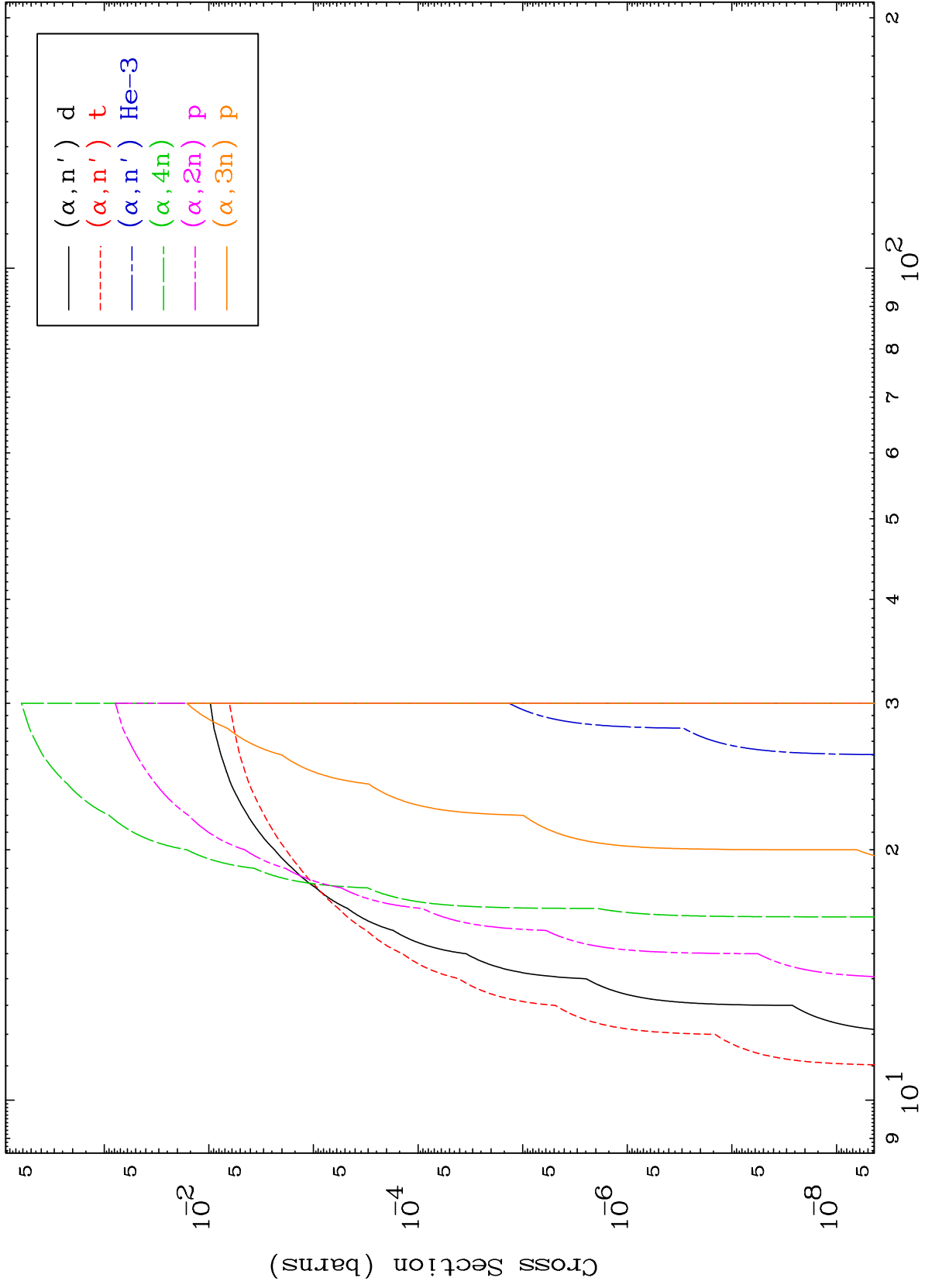
27-Co-68

0 Kelvin Cross Sections



$\alpha$  Inelastic  
 $(\alpha, \text{remainder})$   
 $(\alpha, \gamma)$

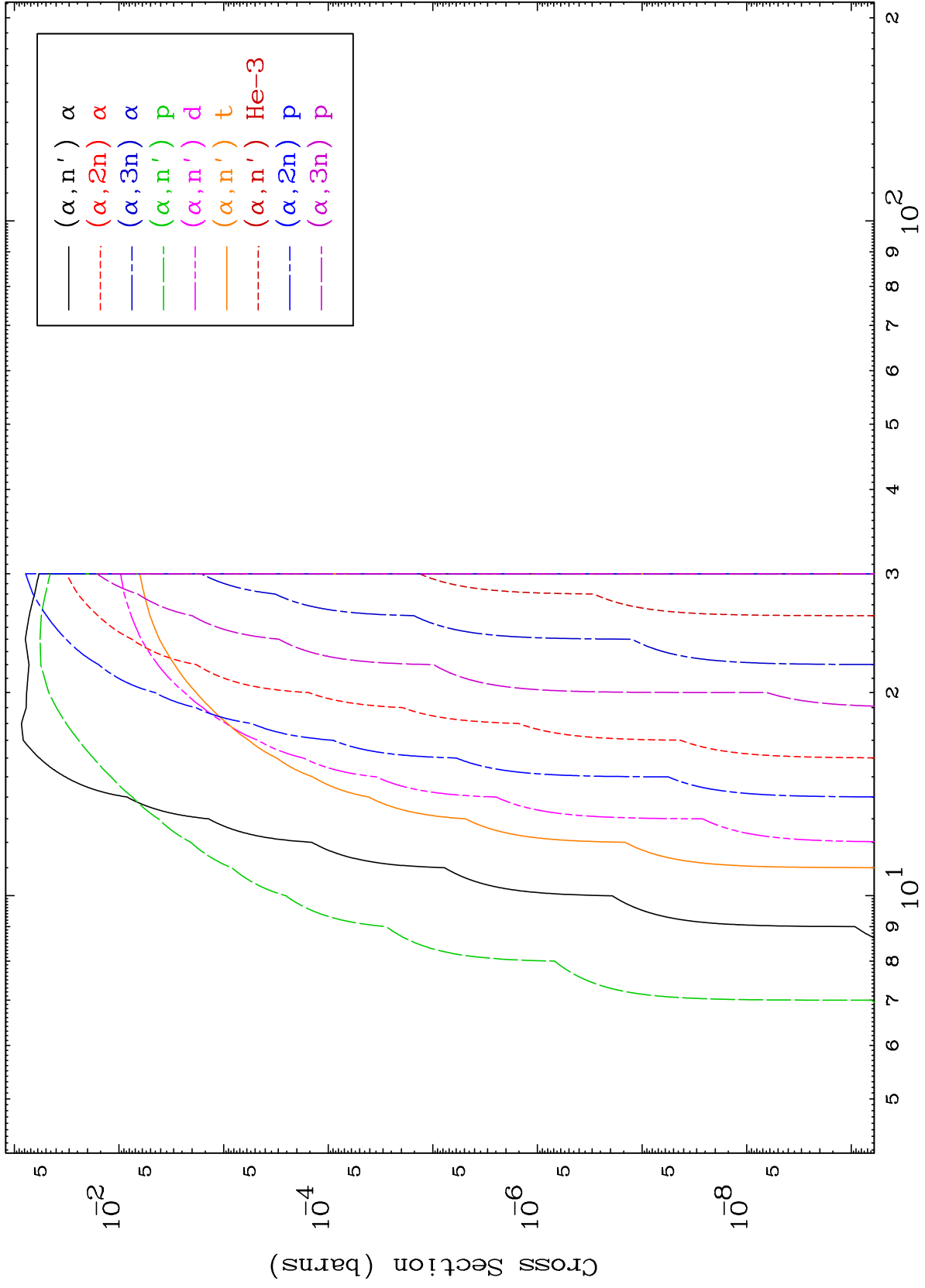




MAT 2753

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

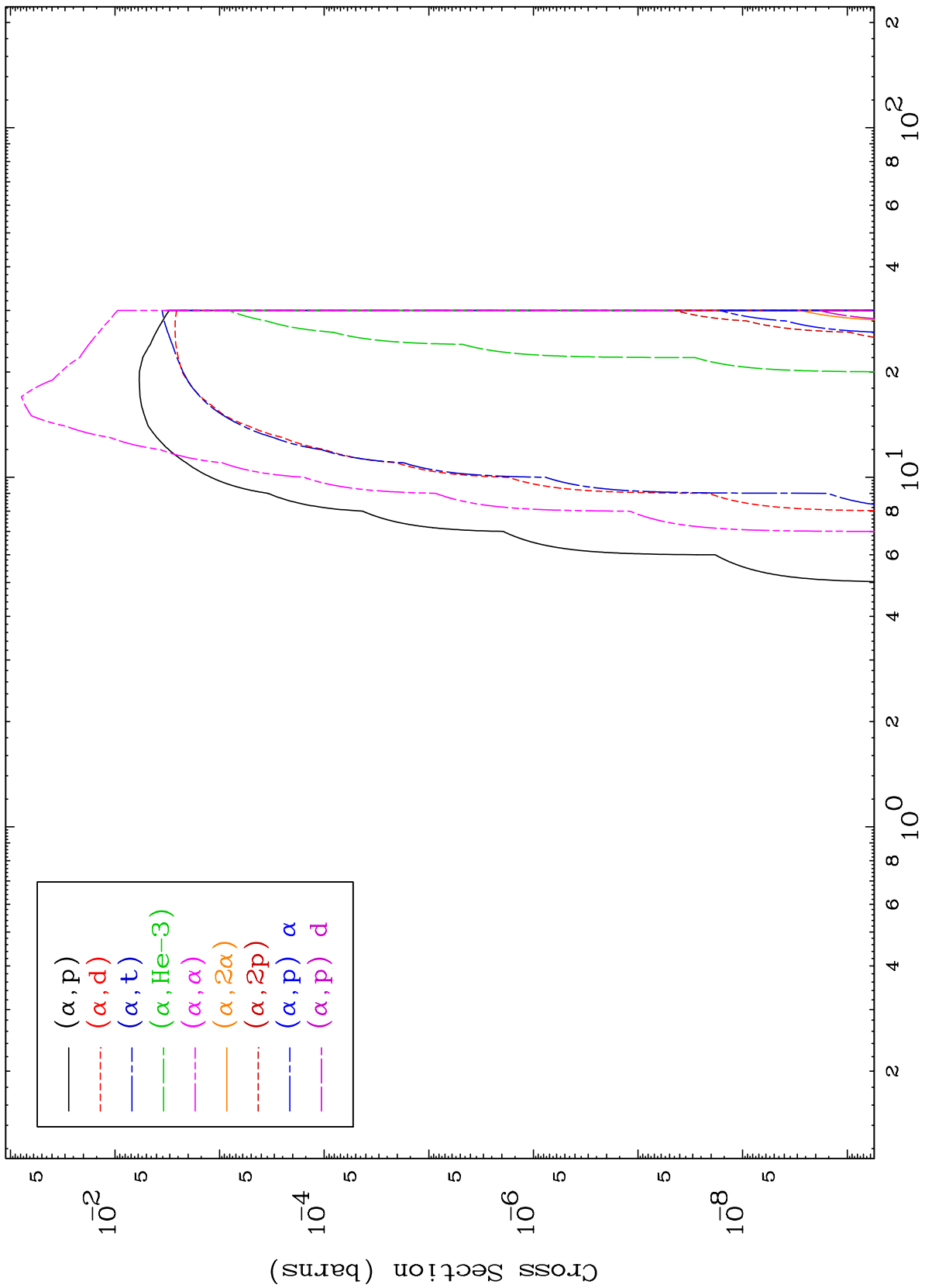
27-Co-68



4

Incident Energy (MeV)

27-Co-68

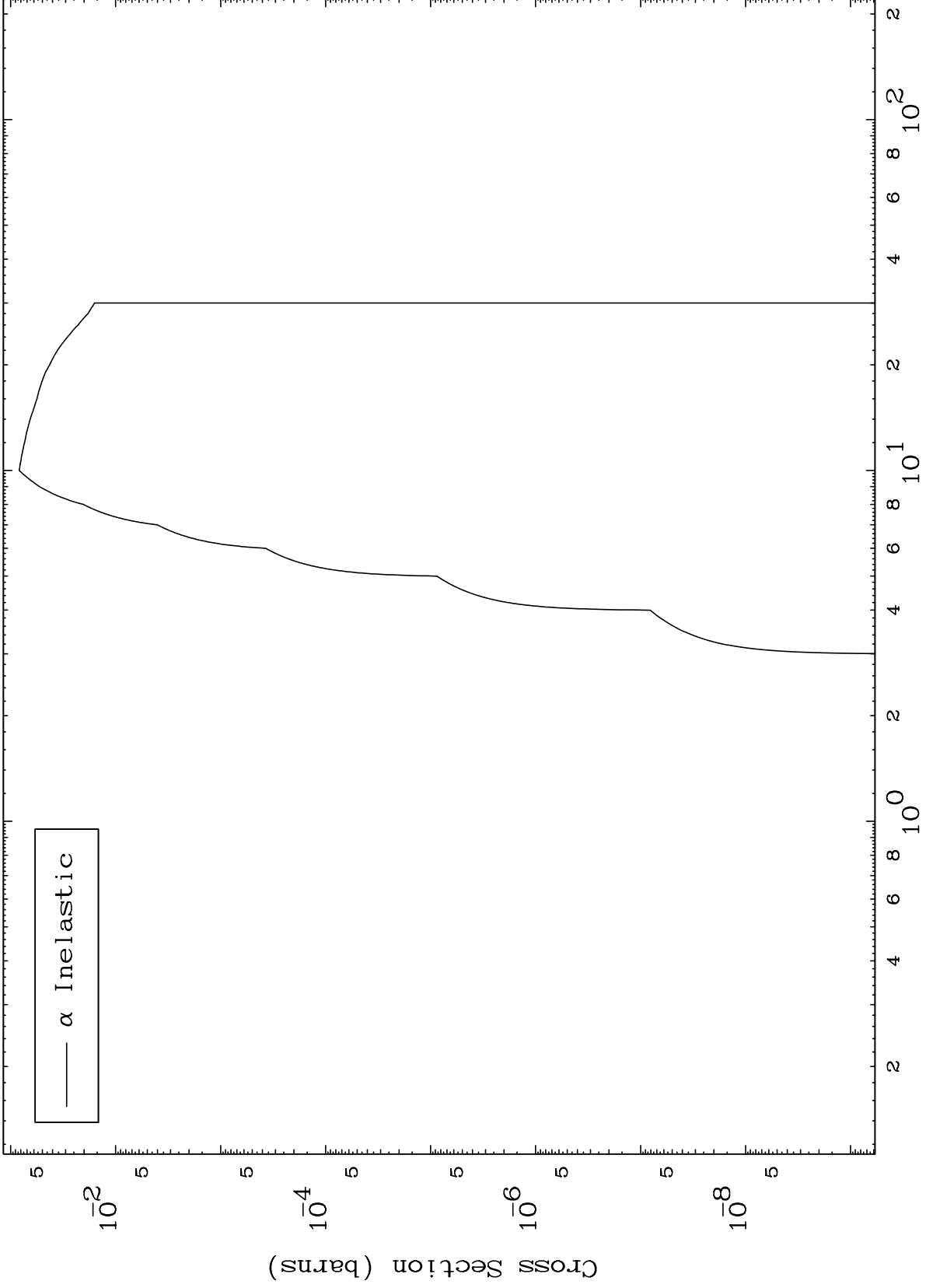


MAT 2753

( $\alpha, n'$ ) Level

27-Co-68

0 Kelvin Cross Sections



6

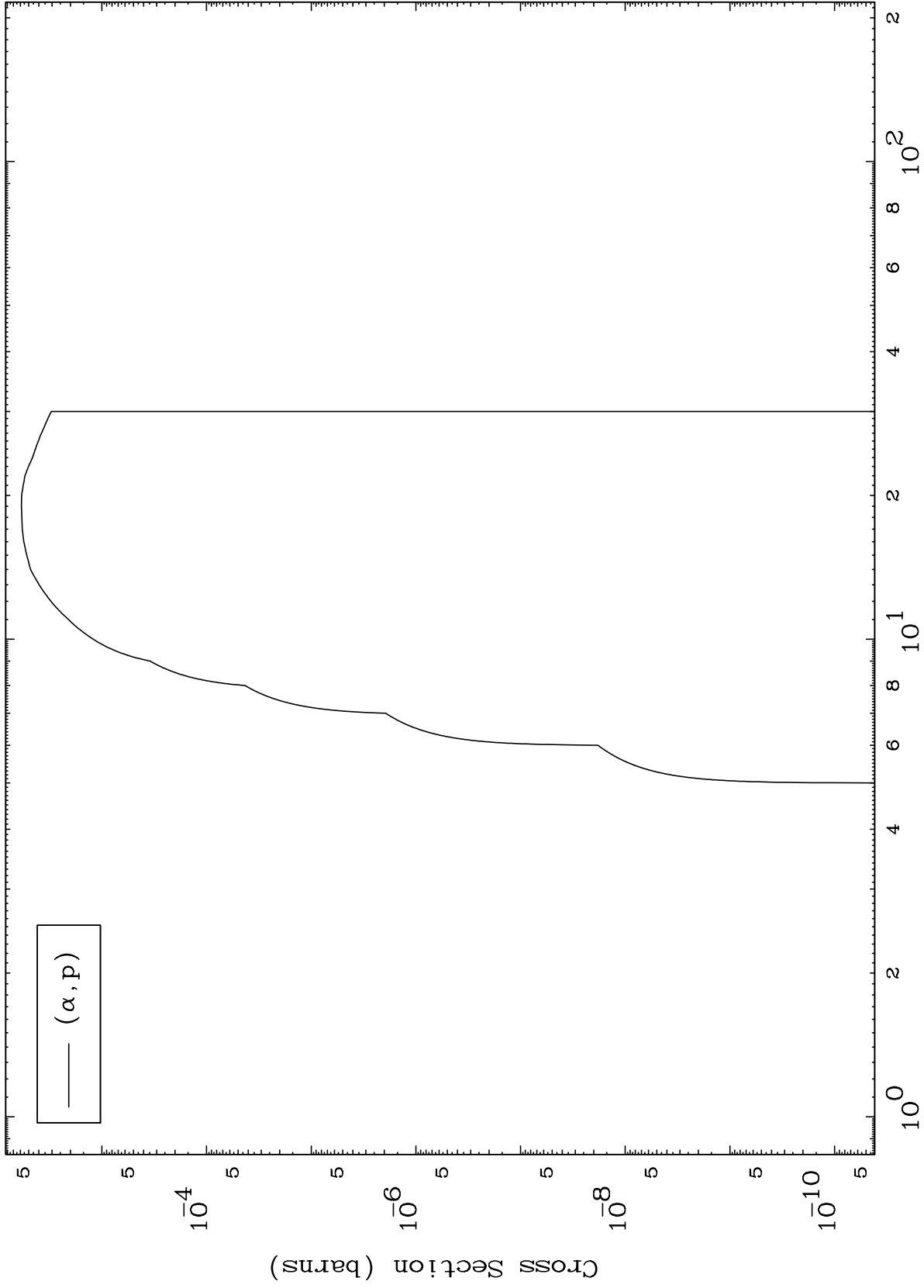
Incident Energy (MeV)

27-Co-68

MAT 2753

27-Co-68

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



27-Co-68

Incident Energy (MeV)

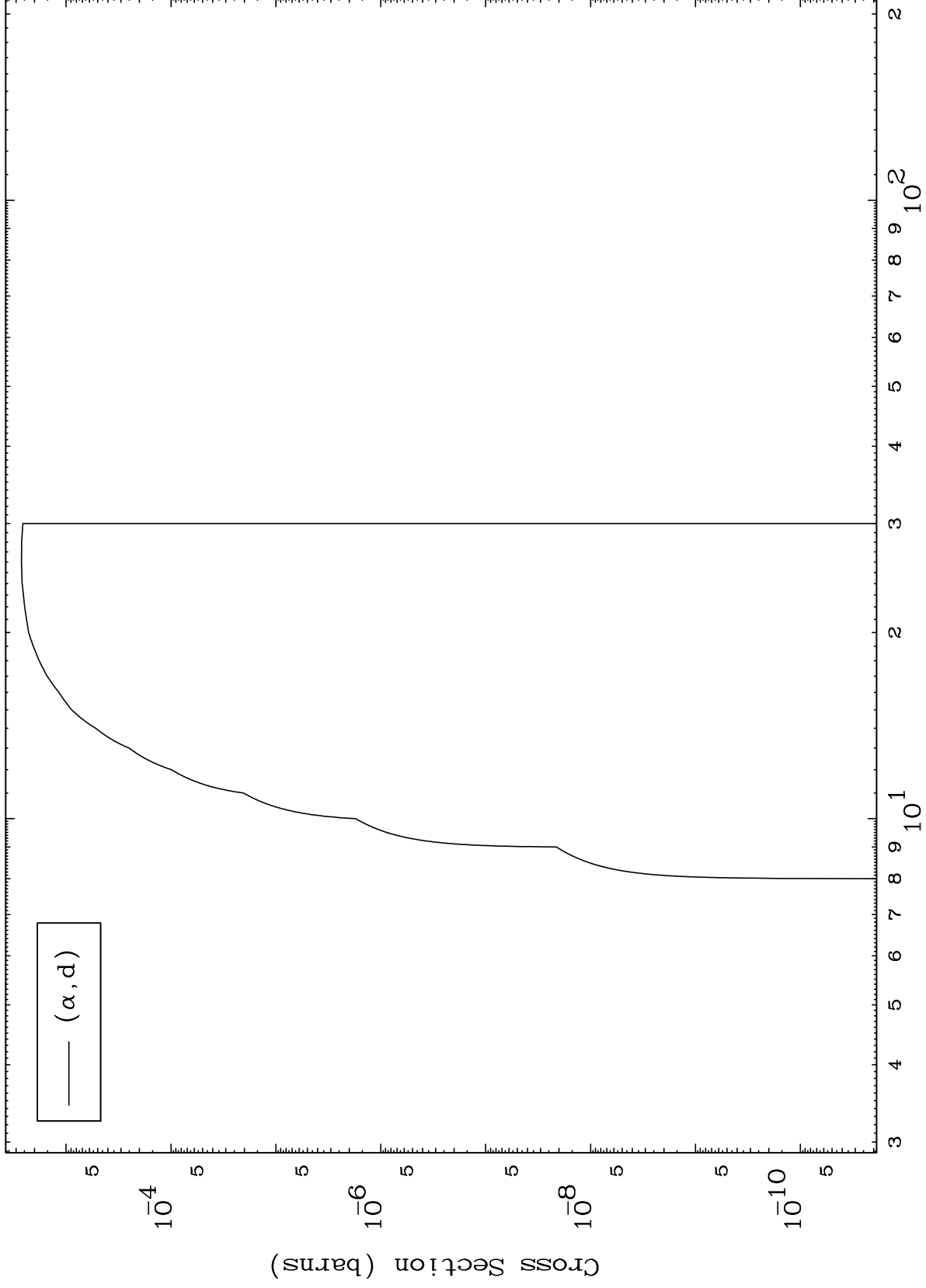
7



MAT 2753

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

27-Co-68



8

Incident Energy (MeV)

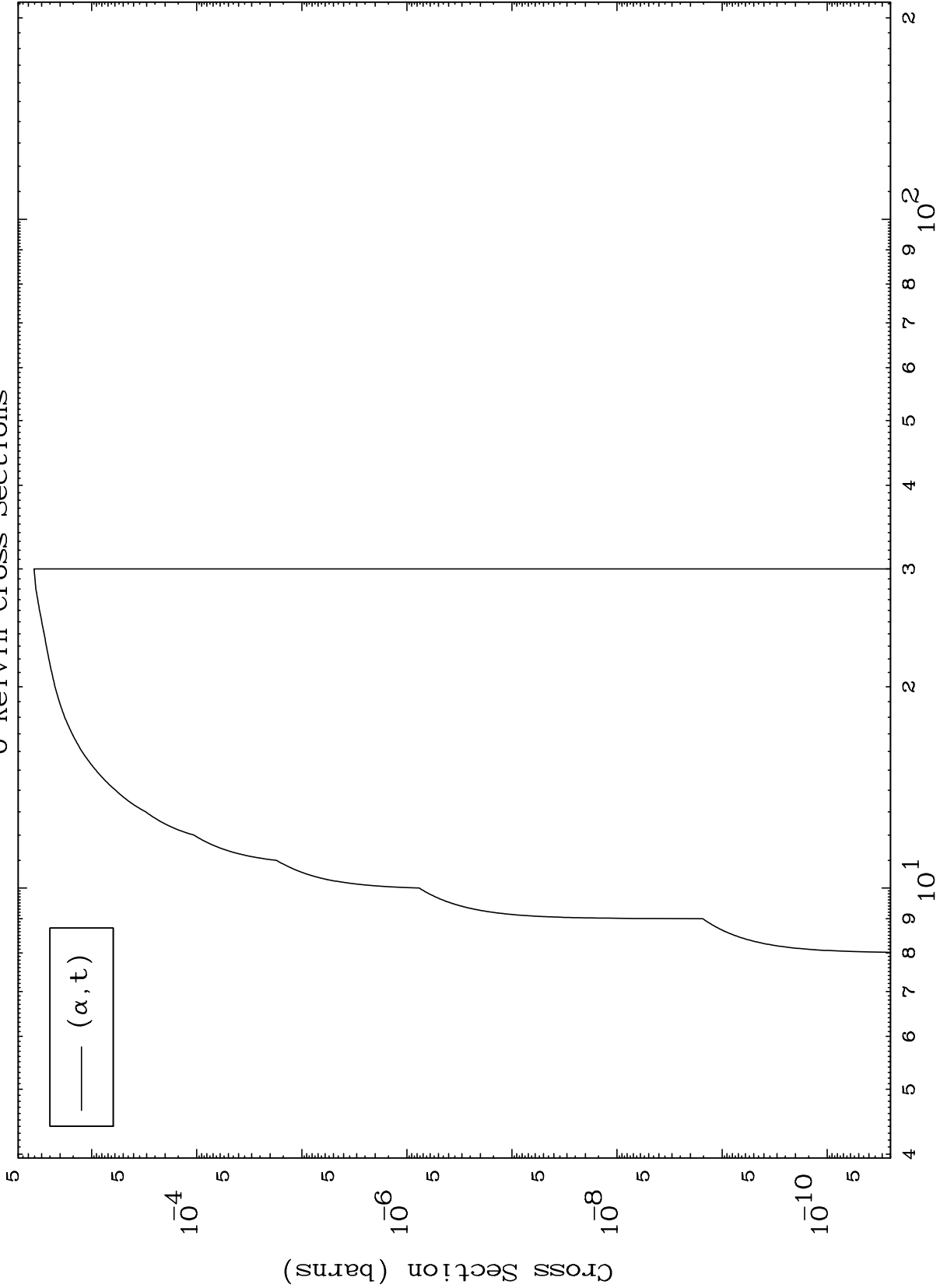
27-Co-68

MAT 2753

( $\alpha, t$ ) Levels

27-Co-68

0 Kelvin Cross Sections



9

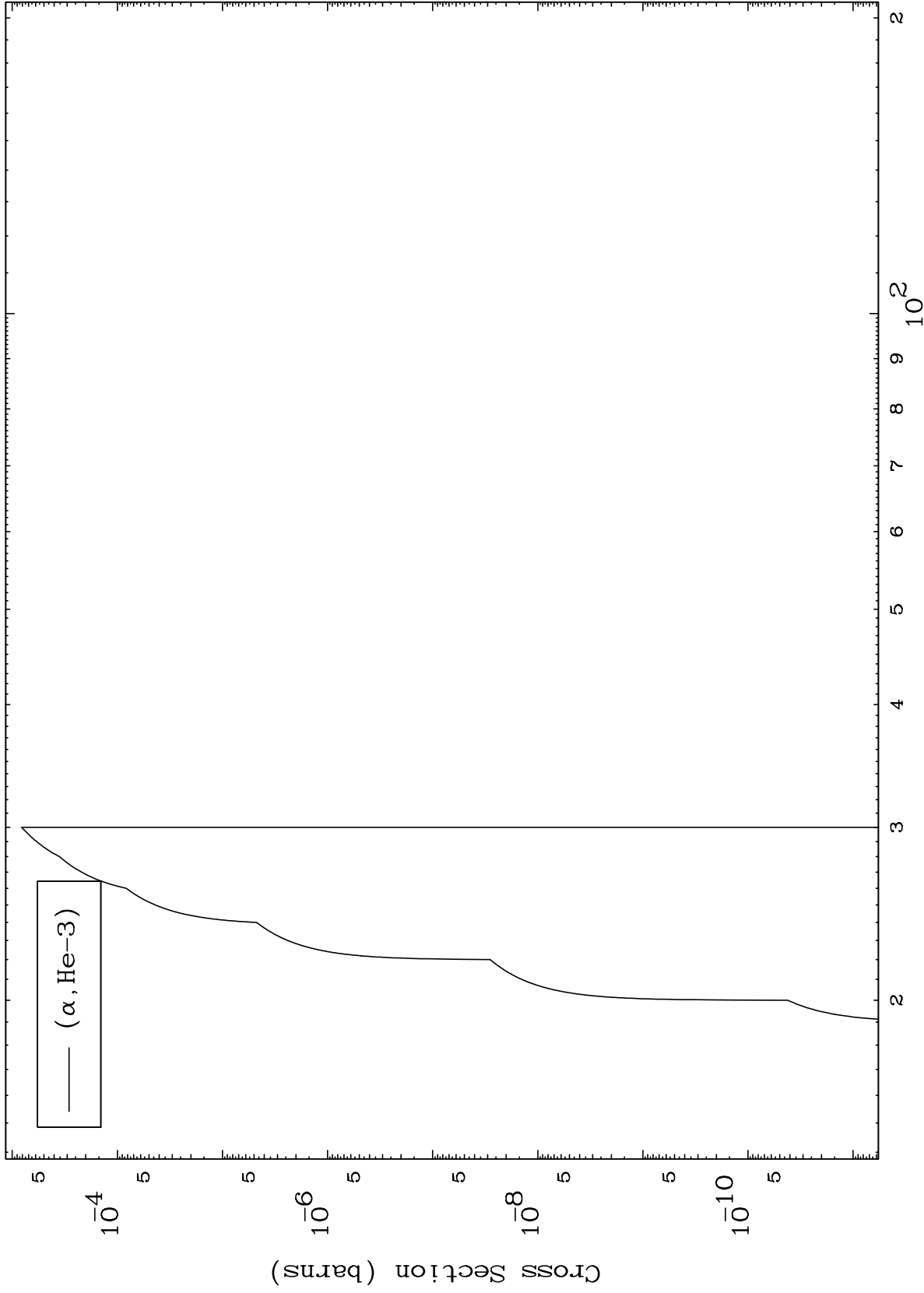
Incident Energy (MeV)

27-Co-68

MAT 2753

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

27-Co-68



10

Incident Energy (MeV)

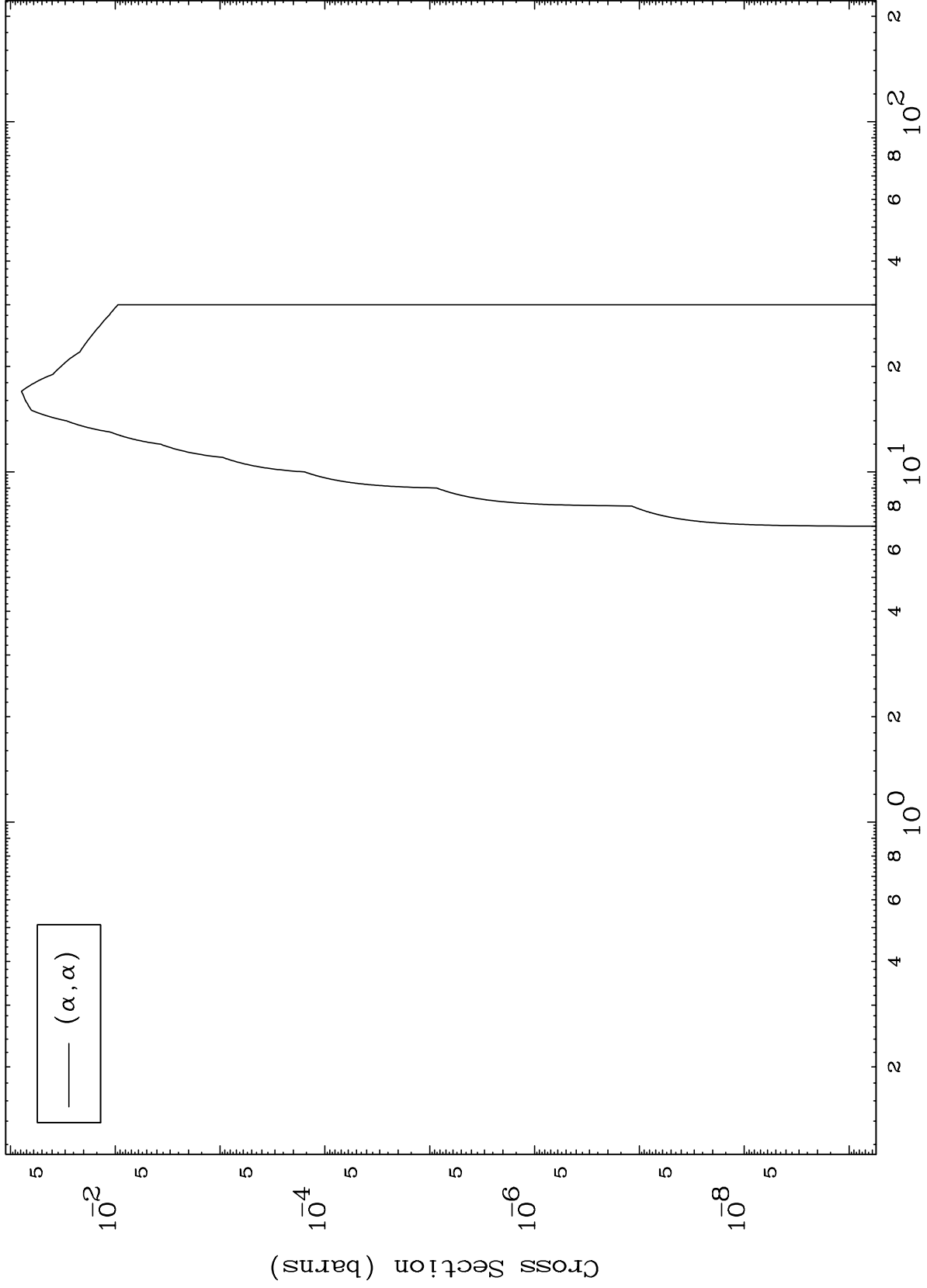
27-Co-68

MAT 2753

( $\alpha, \alpha$ ) Levels

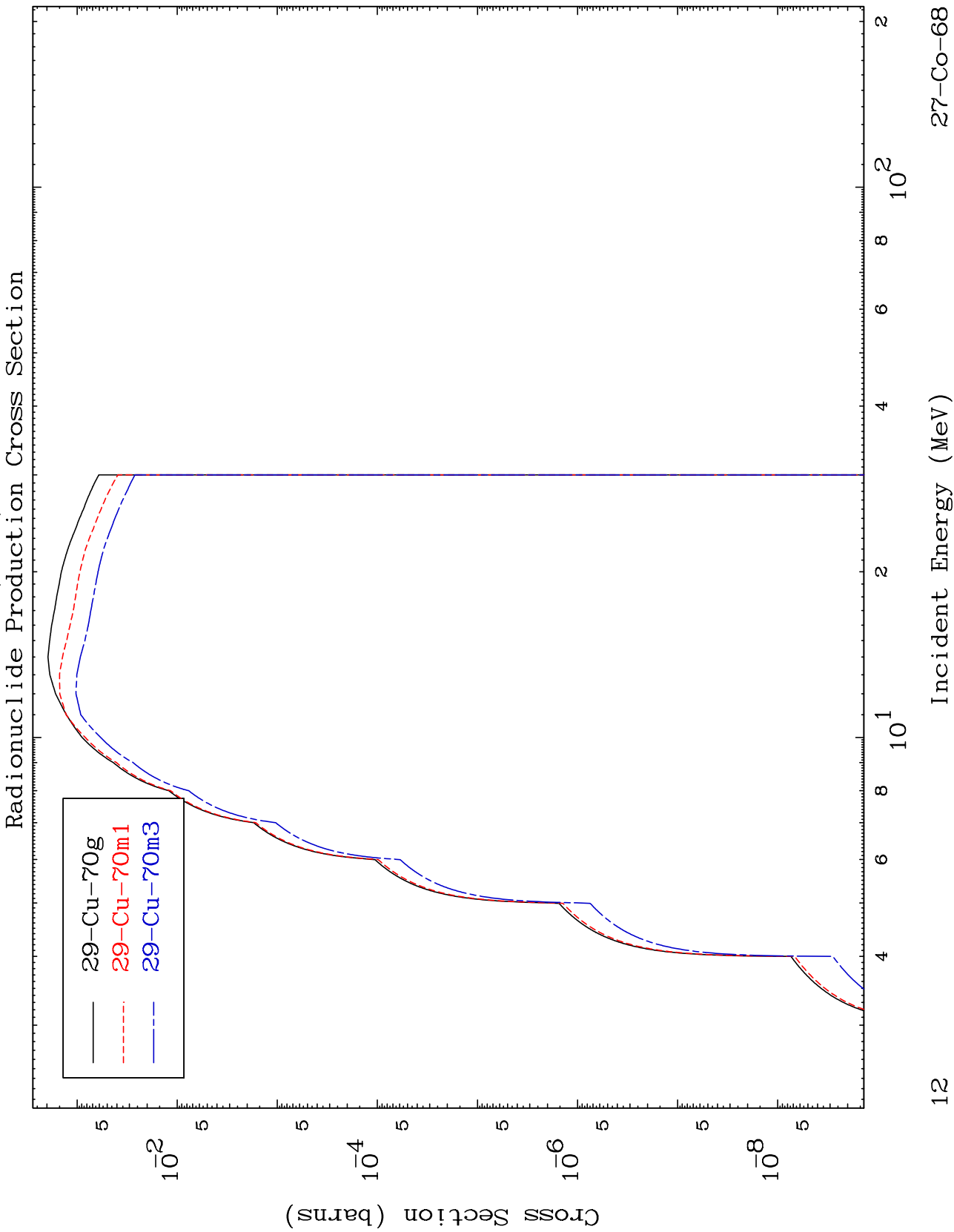
27-Co-68

0 Kelvin Cross Sections



MAT 2753

<sup>27</sup>Co-68

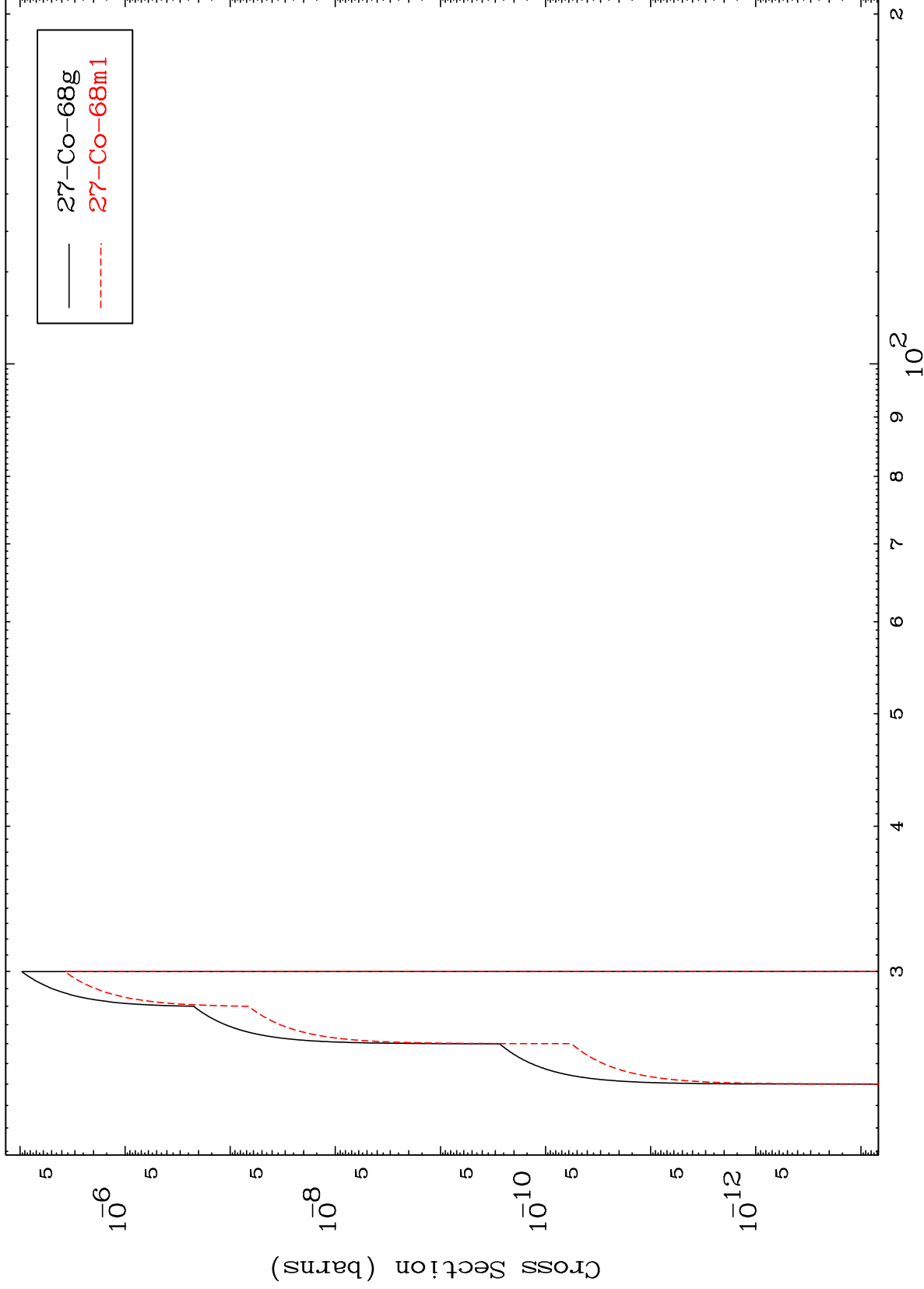


MAT 2753

( $\alpha, n'$ ) He-3

<sup>27</sup>Co-68

Radionuclide Production Cross Section



13

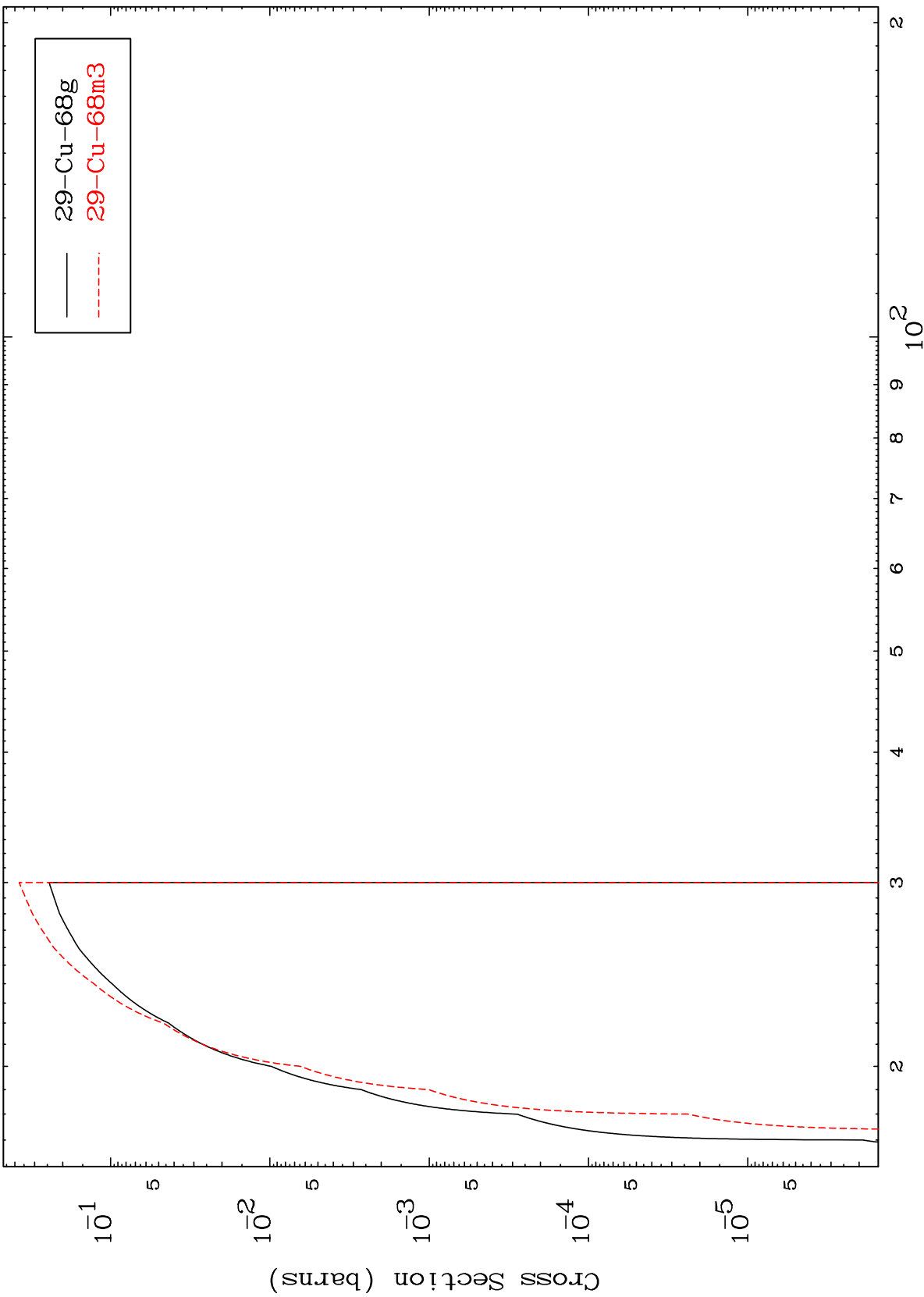
Incident Energy (MeV)

<sup>27</sup>Co-68

MAT 2753

27-Co-68

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



— 29-Cu-68g  
- - - 29-Cu-68m3

27-Co-68

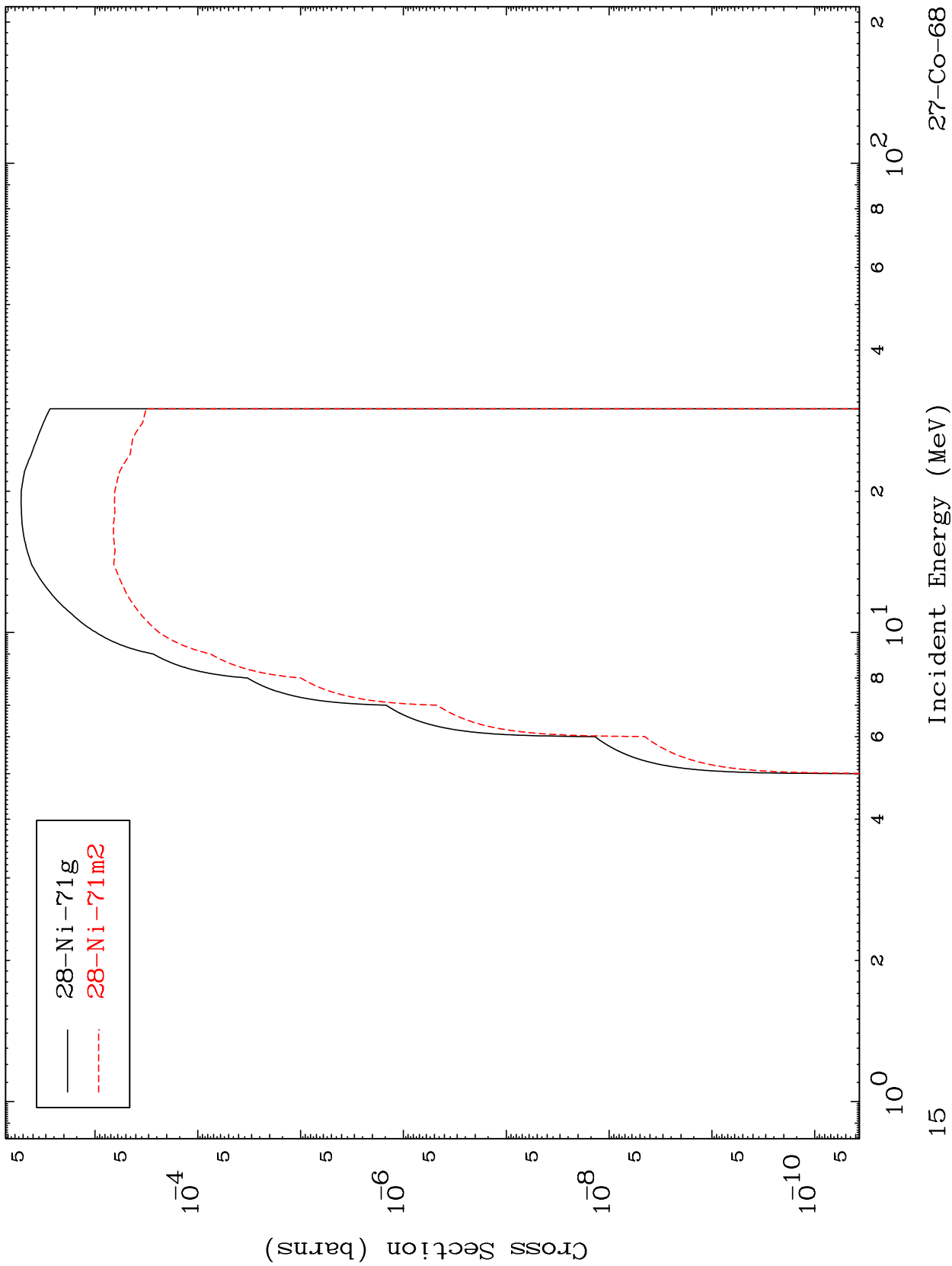
Incident Energy (MeV)

14

MAT 2753

27-Co-68

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



27-Co-68

Incident Energy (MeV)

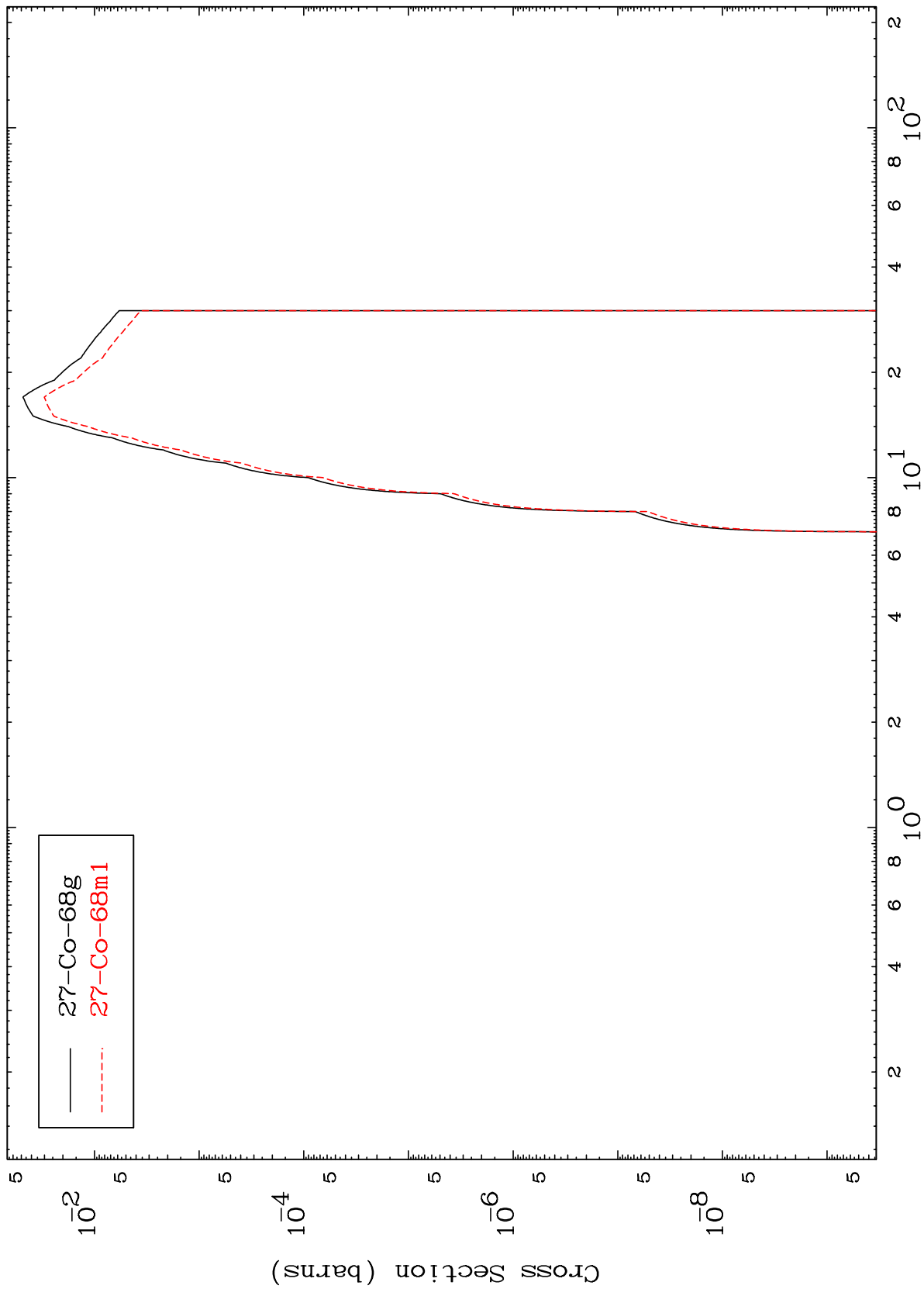
15



MAT 2753

<sup>27</sup>Co-68

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



— 27-Co-68g  
- - - 27-Co-68m1

16

<sup>27</sup>Co-68

Incident Energy (MeV)