

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

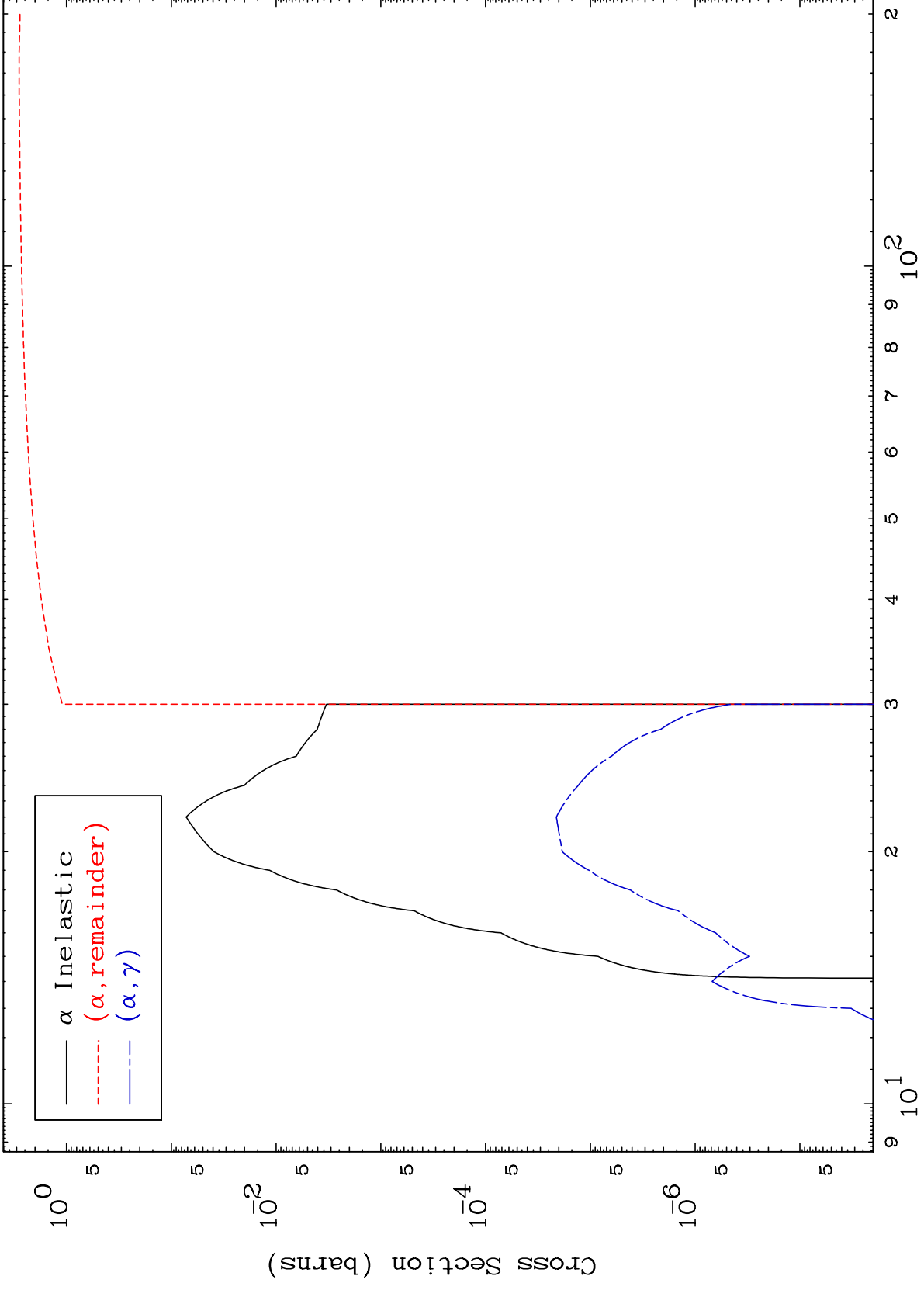
Press Mouse Button to Start

MAT 8328

$\alpha$  Major

83-Bi-210

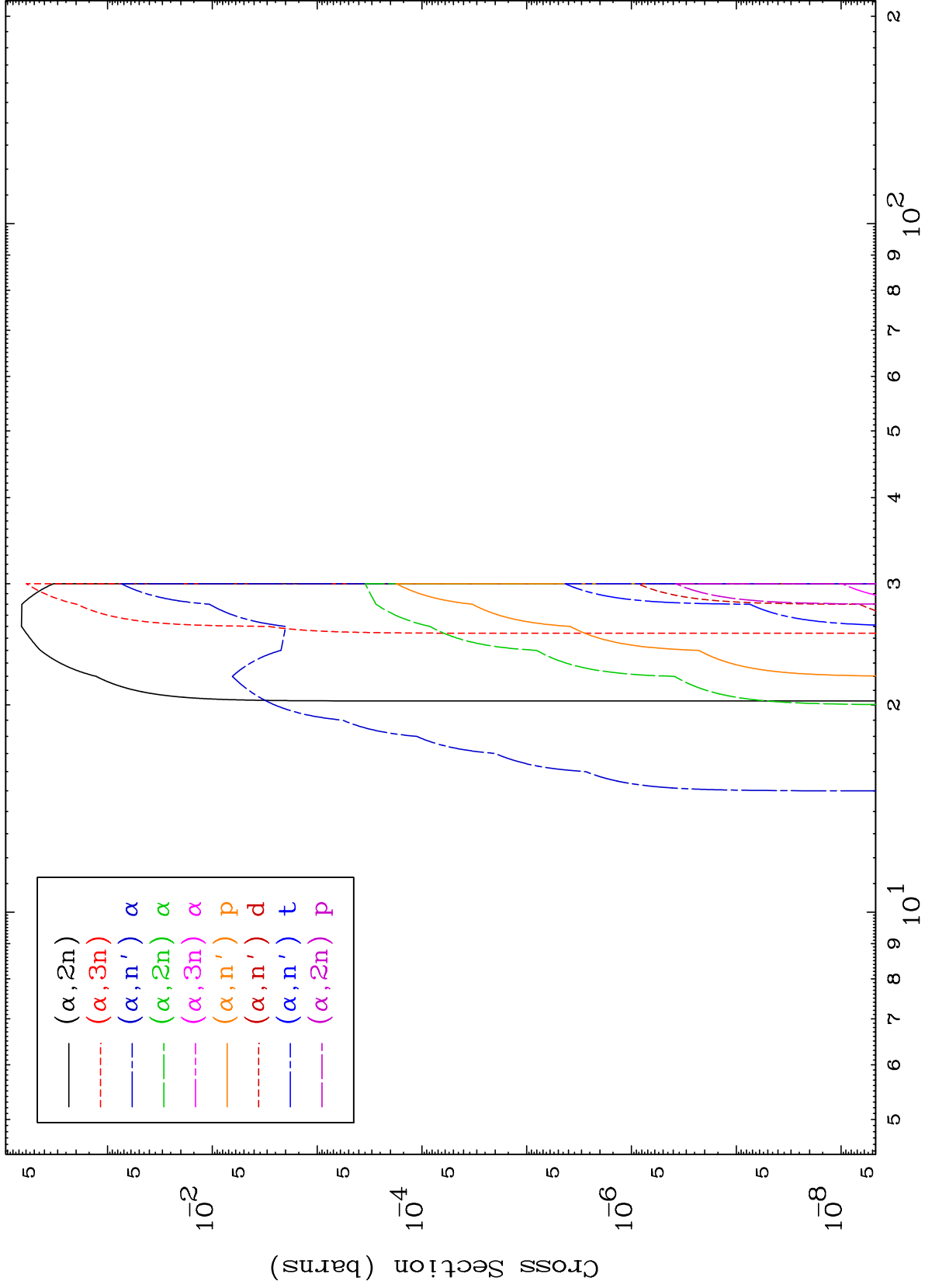
0 Kelvin Cross Sections

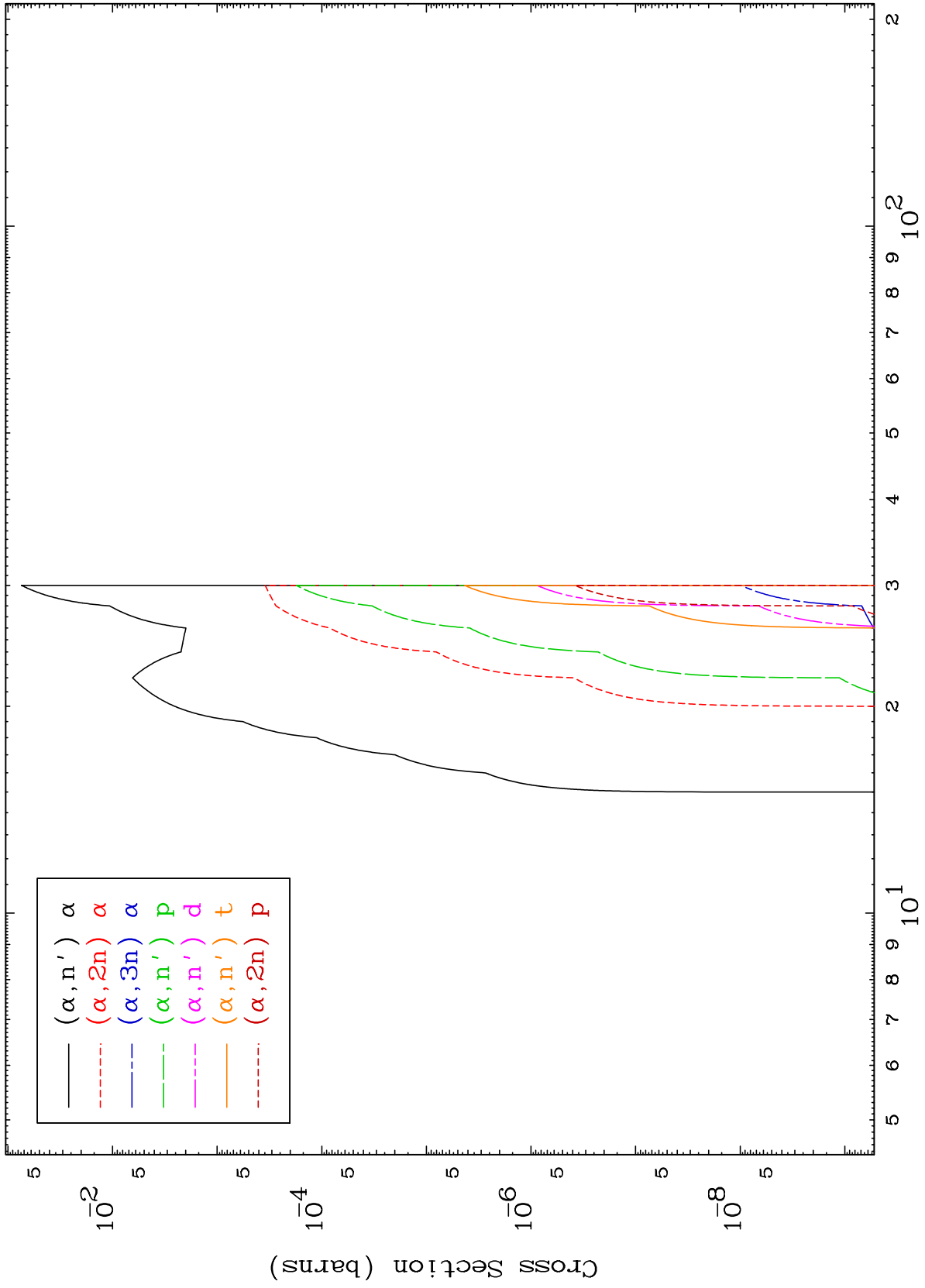


$\alpha$  Inelastic  
 $(\alpha, \text{remainder})$   
 $(\alpha, \gamma)$

Incident Energy (MeV)

83-Bi-210

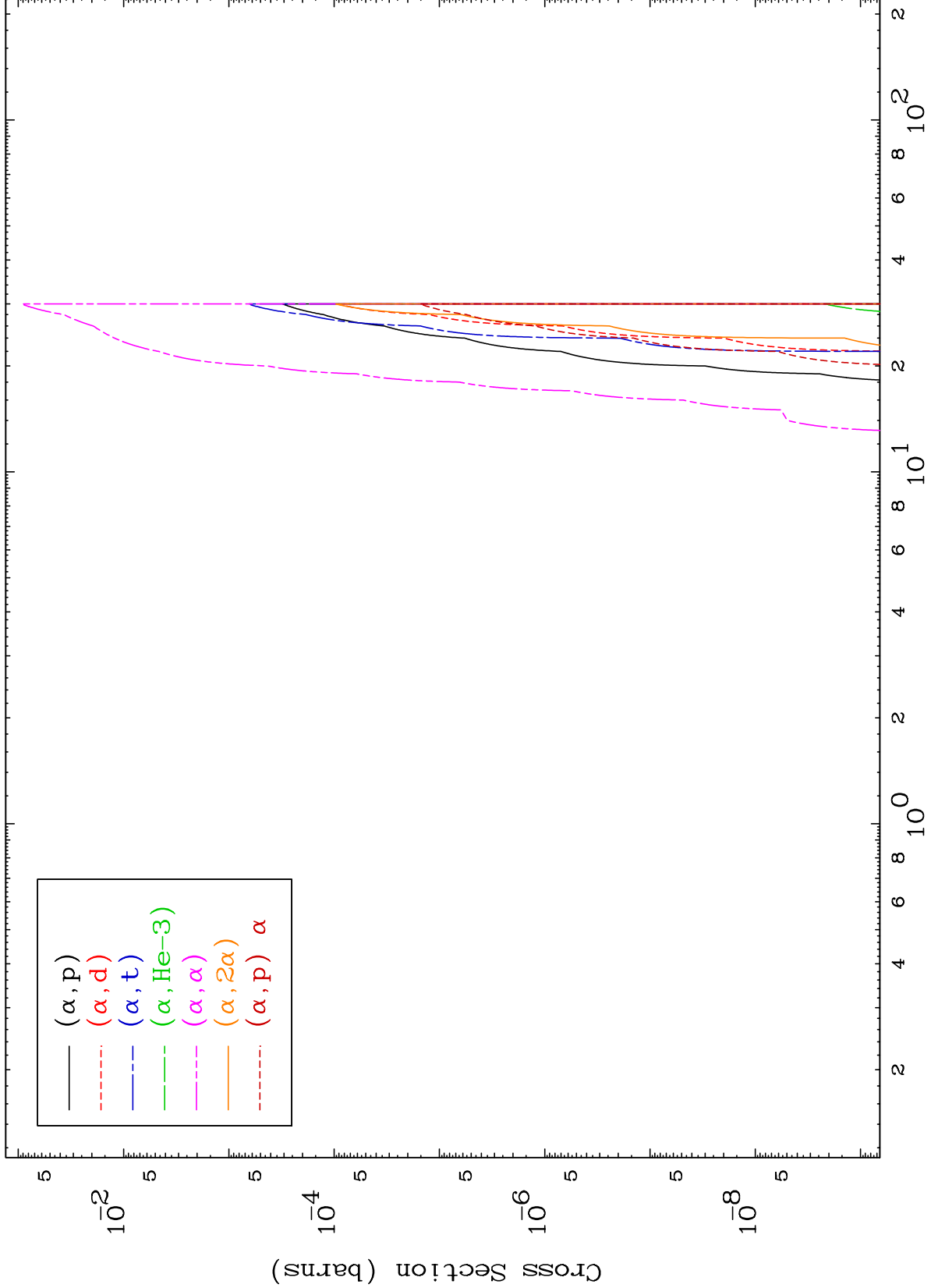




MAT 8328

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

83-Bi-210

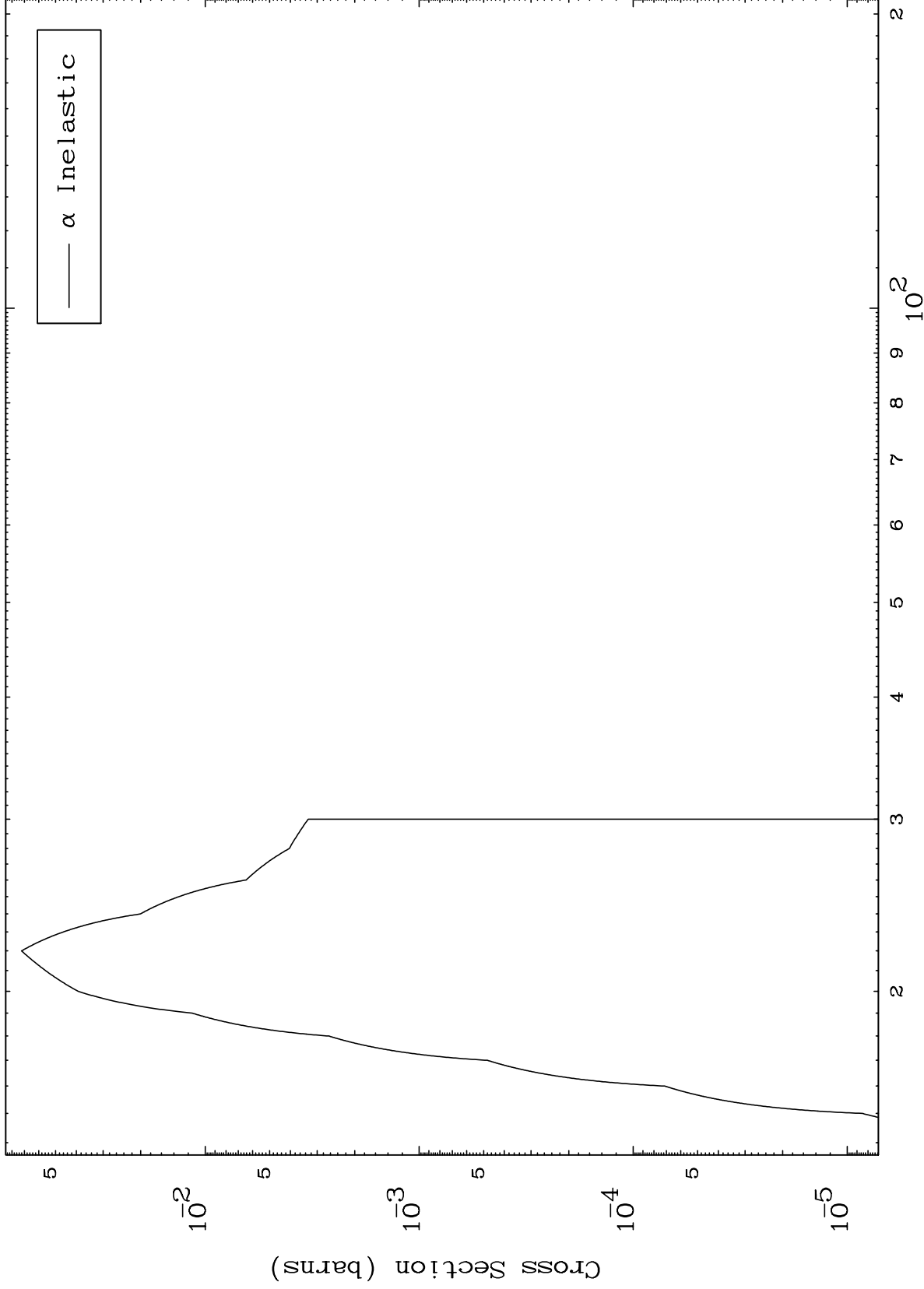


MAT 8328

( $\alpha, n'$ ) Level

83-Bi-210

0 Kelvin Cross Sections



5

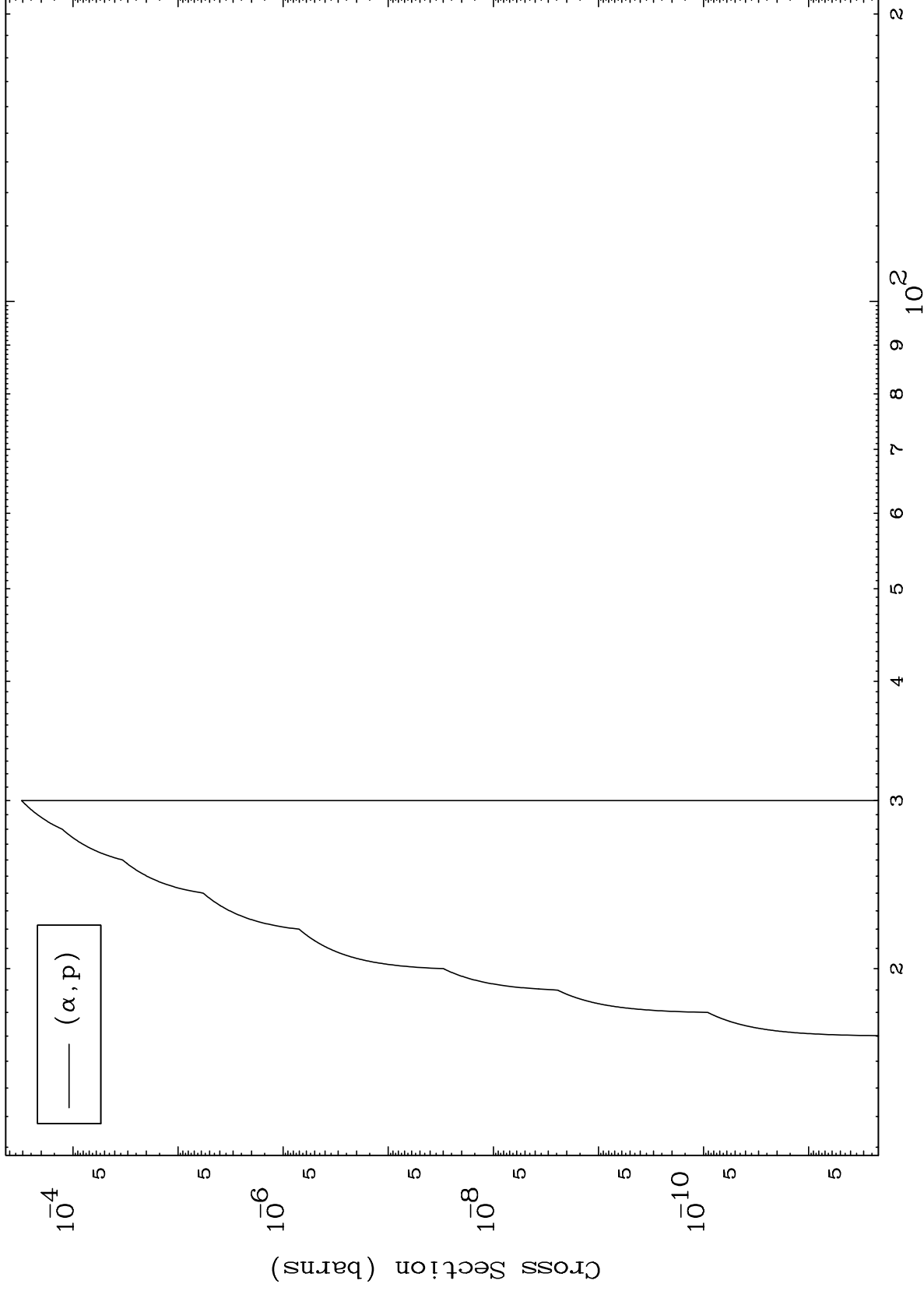
Incident Energy (MeV)

83-Bi-210

MAT 8328

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

83-Bi-210



6

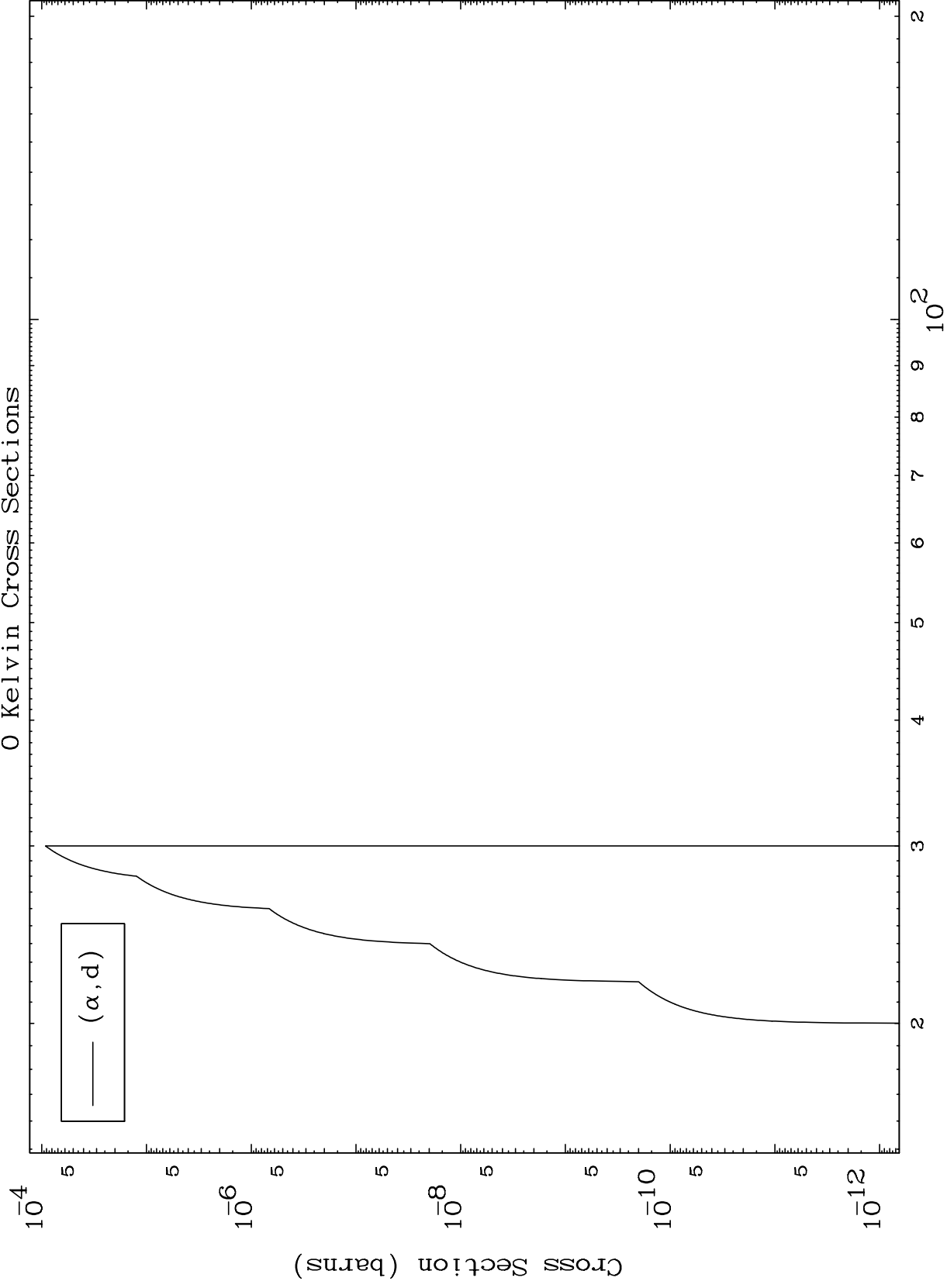
Incident Energy (MeV)

83-Bi-210

MAT 8328

83-Bi-210

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

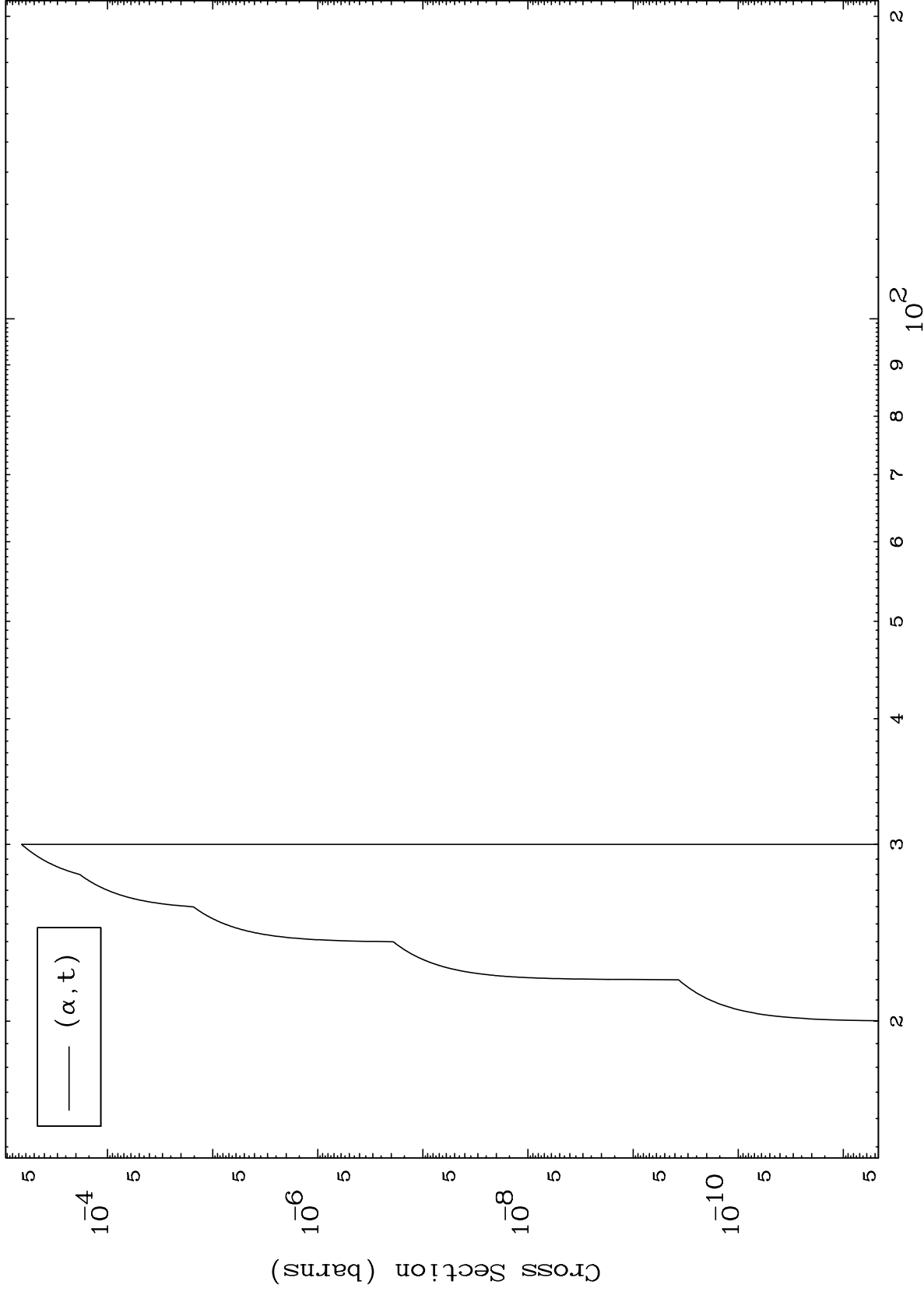


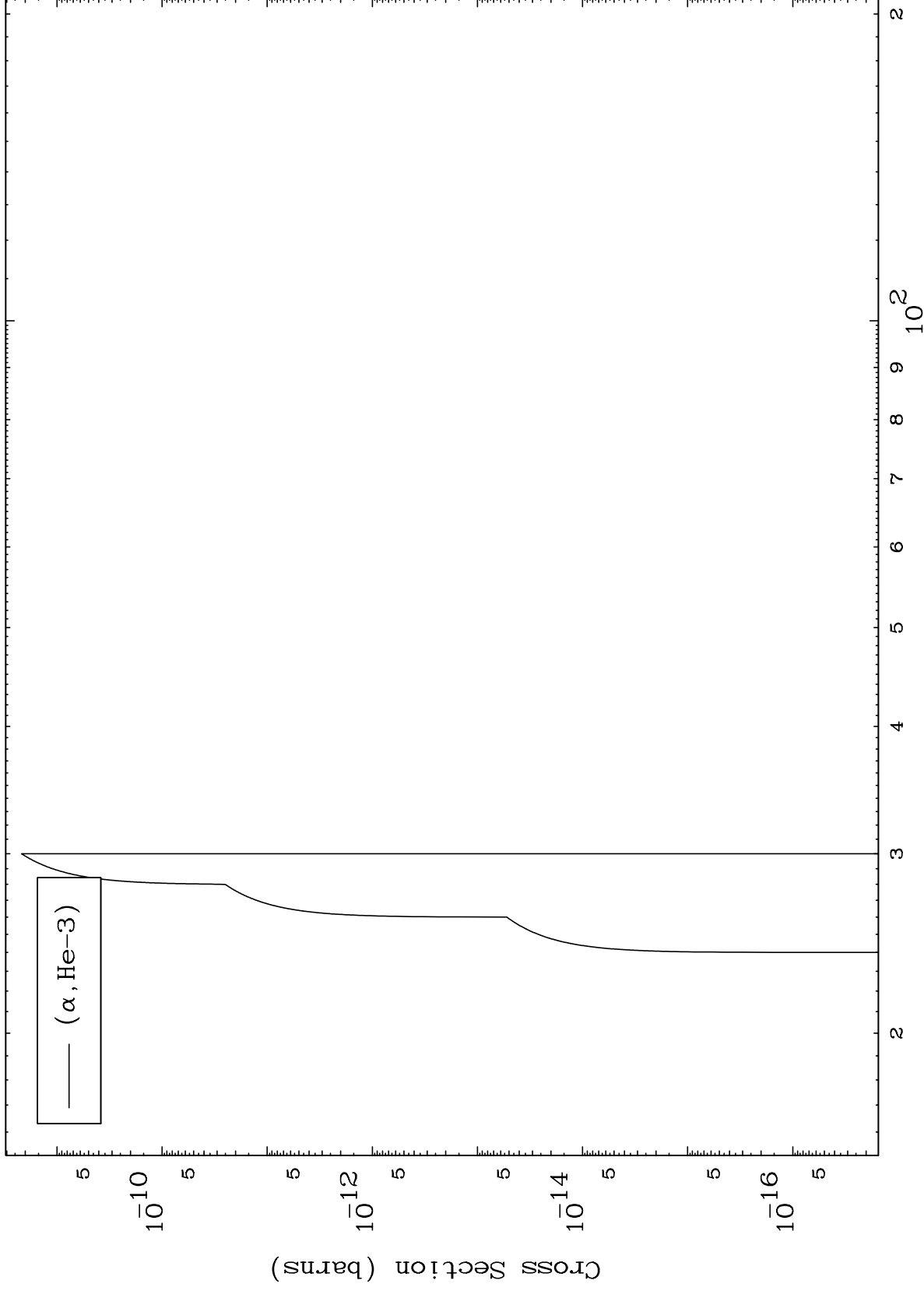
83-Bi-210

Incident Energy (MeV)

7





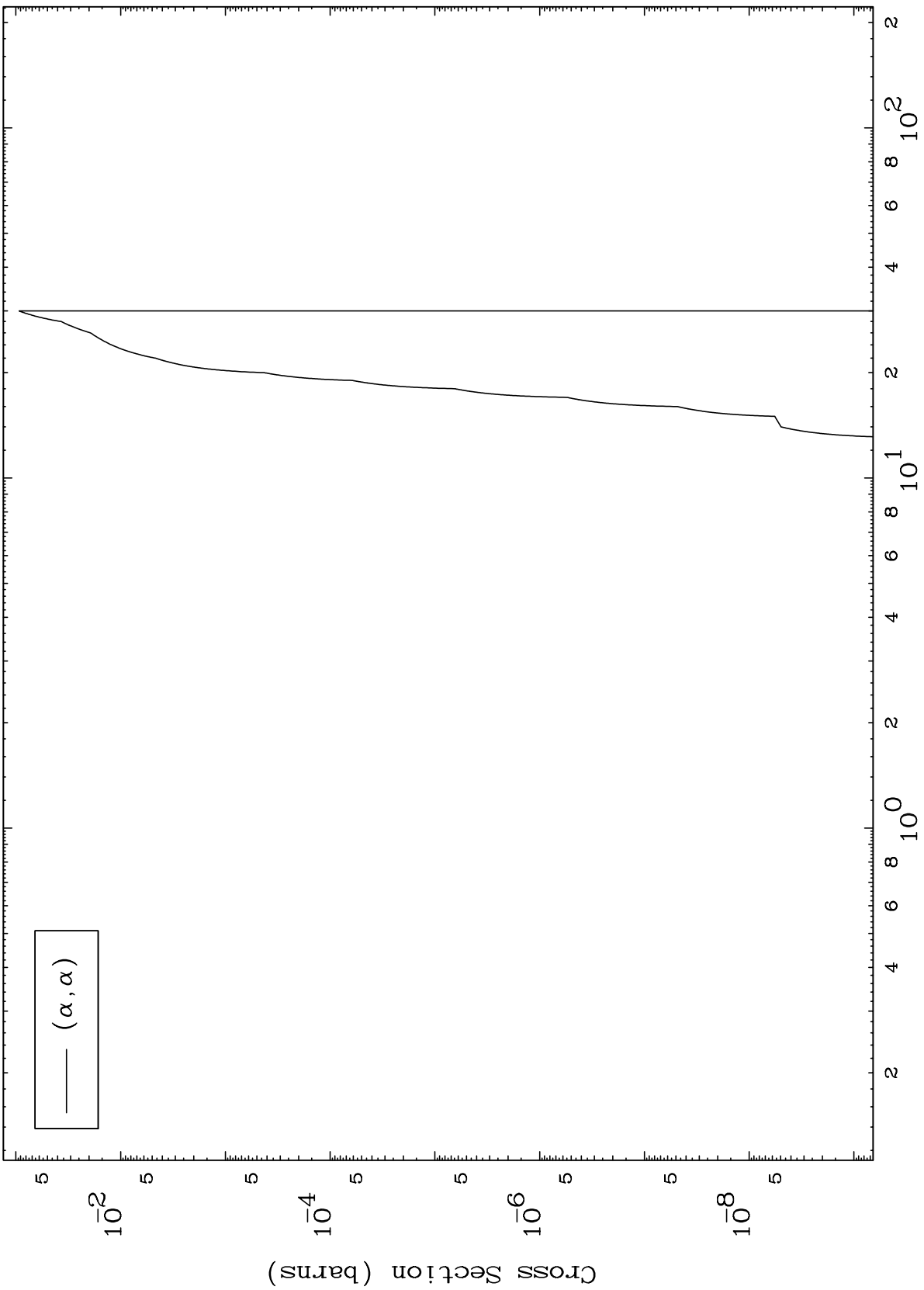


MAT 8328

( $\alpha, \alpha$ ) Levels

83-Bi-210

0 Kelvin Cross Sections



( $\alpha, \alpha$ )

10

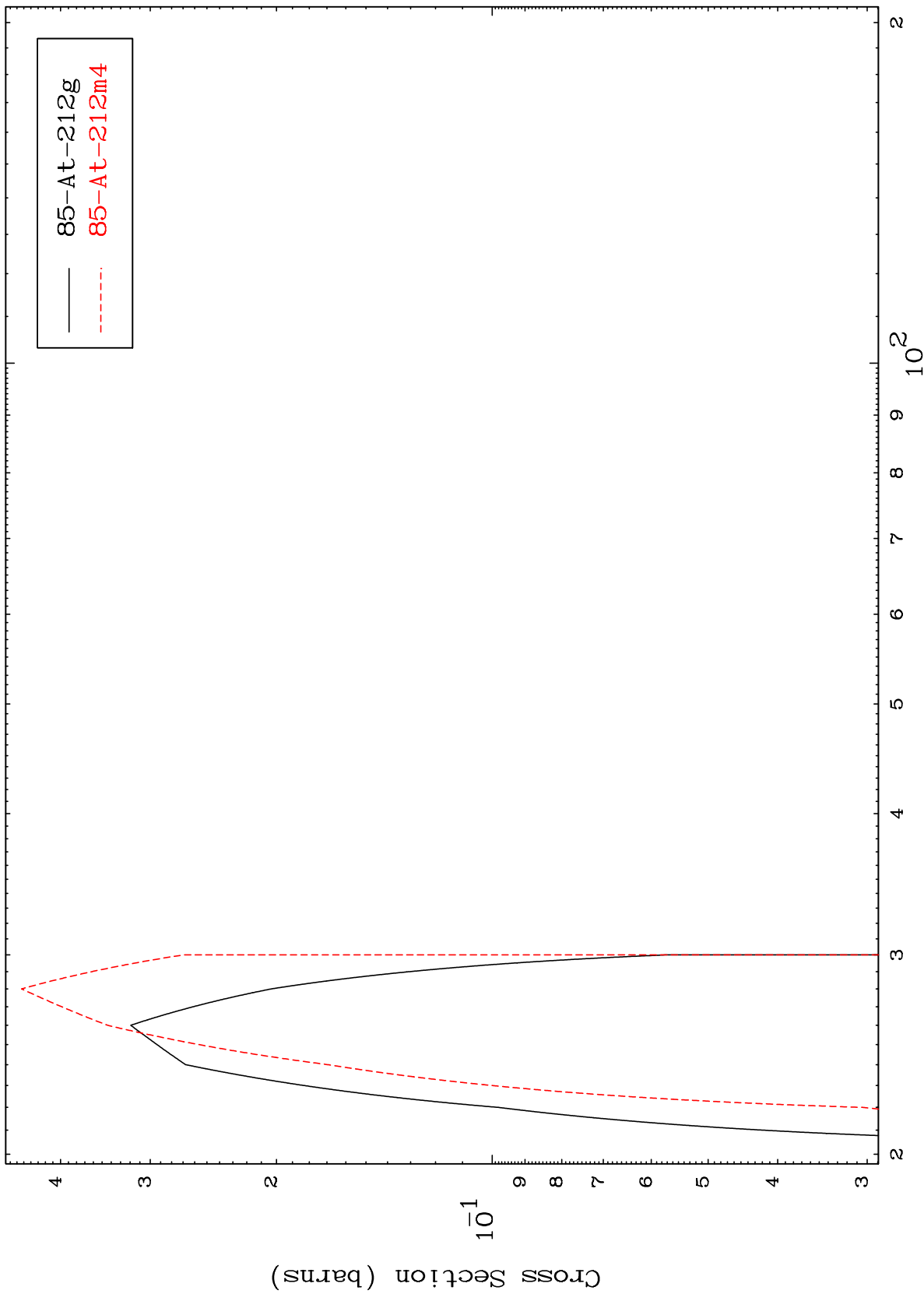
Incident Energy (MeV)

83-Bi-210

MAT 8328

83-Bi-210

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



83-Bi-210

Incident Energy (MeV)

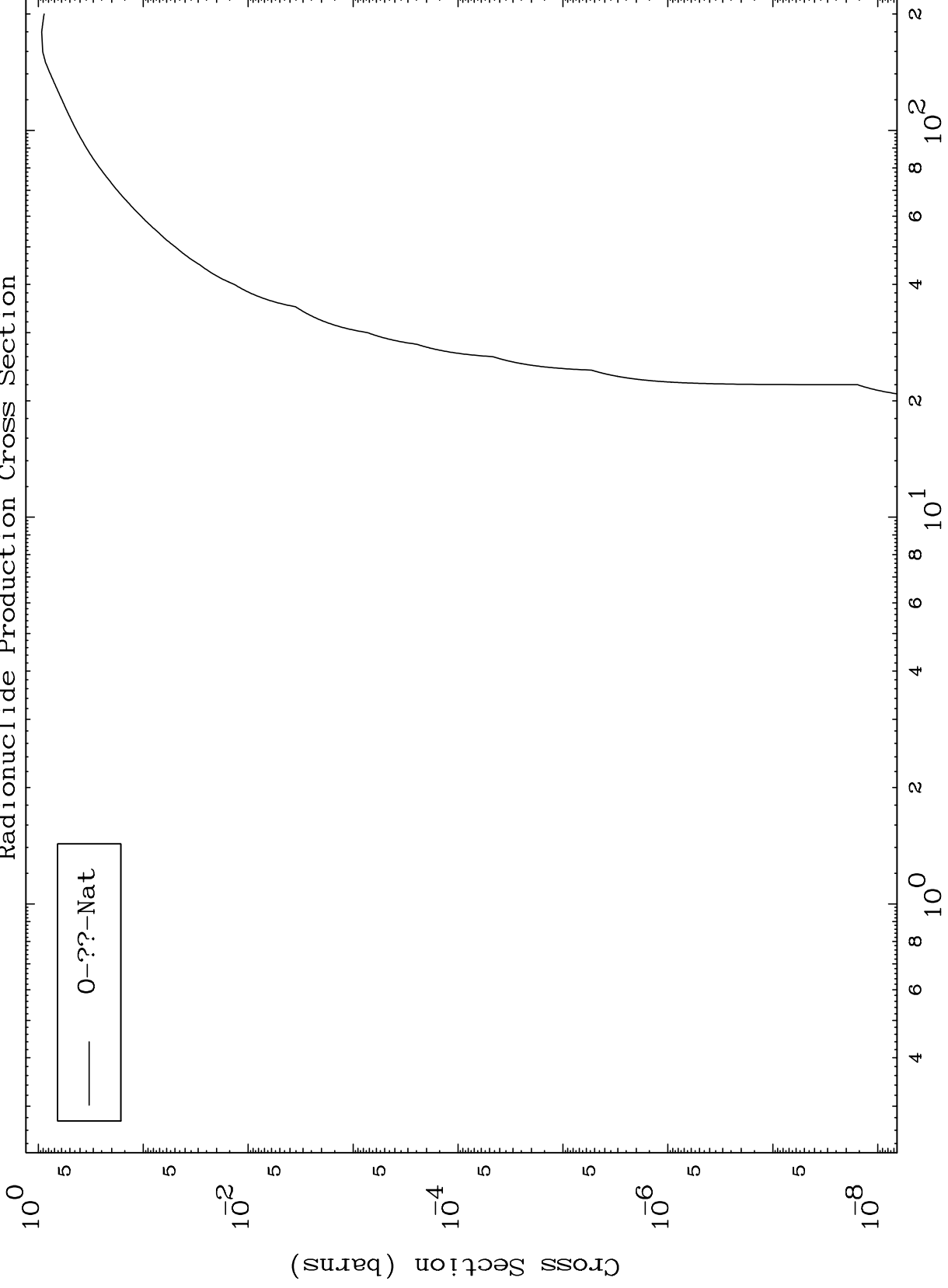
11

MAT 8328

$\alpha$  Fission

83-Bi-210

Radionuclide Production Cross Section

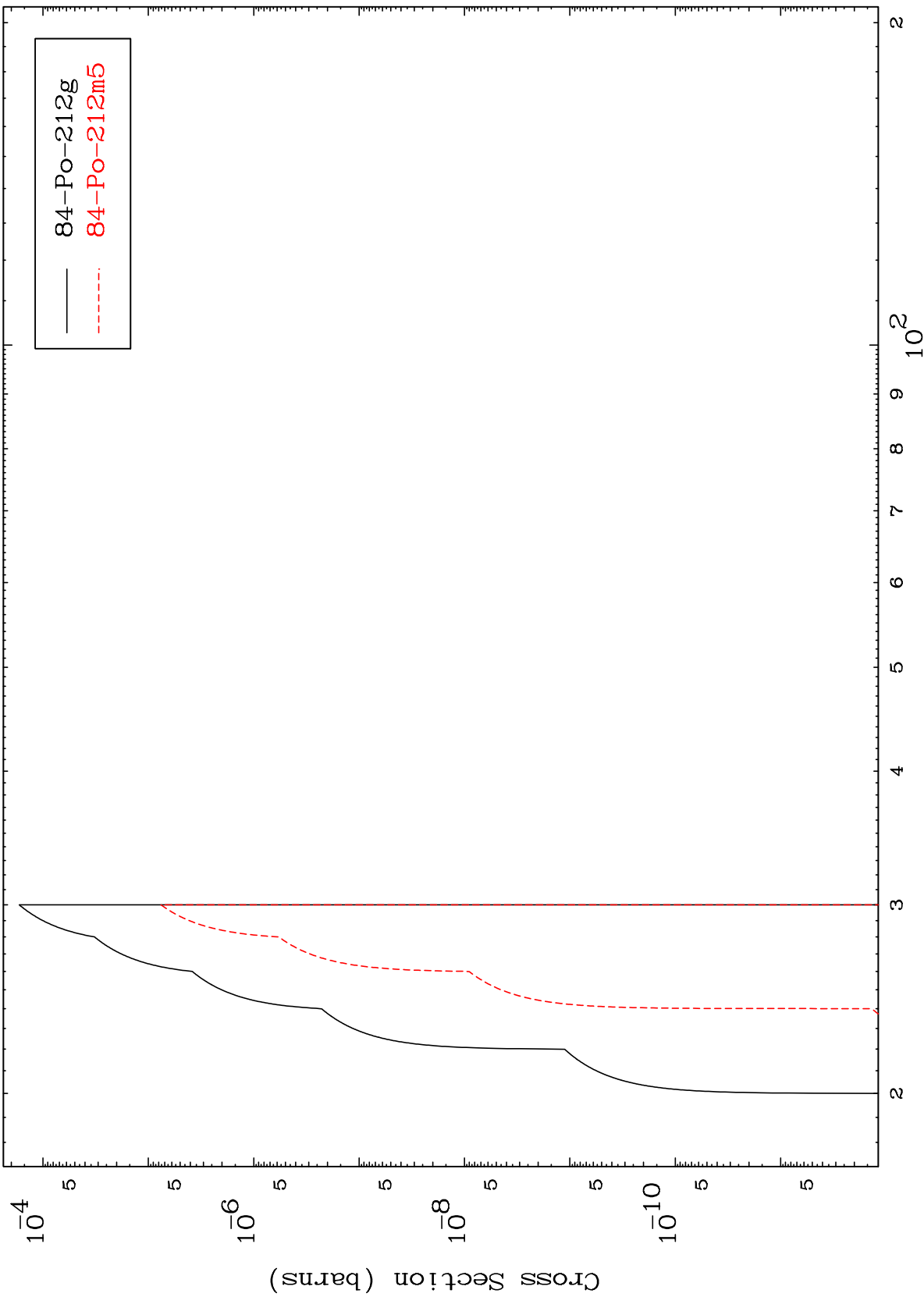


12

Incident Energy (MeV)

83-Bi-210

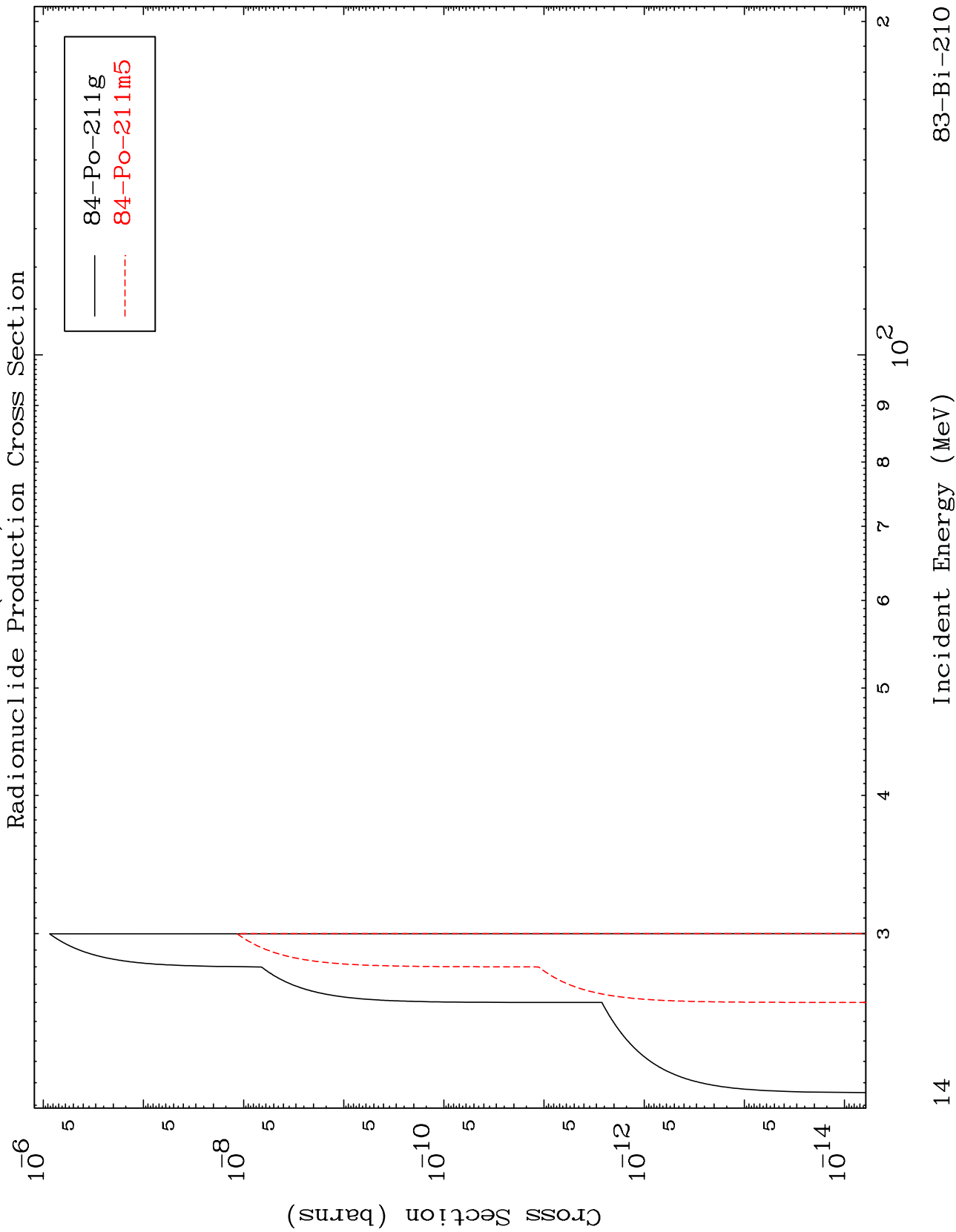
$(\alpha, n')$  p  
Radionuclide Production Cross Section



MAT 8328

( $\alpha, n'$ ) d

83-Bi-210



14

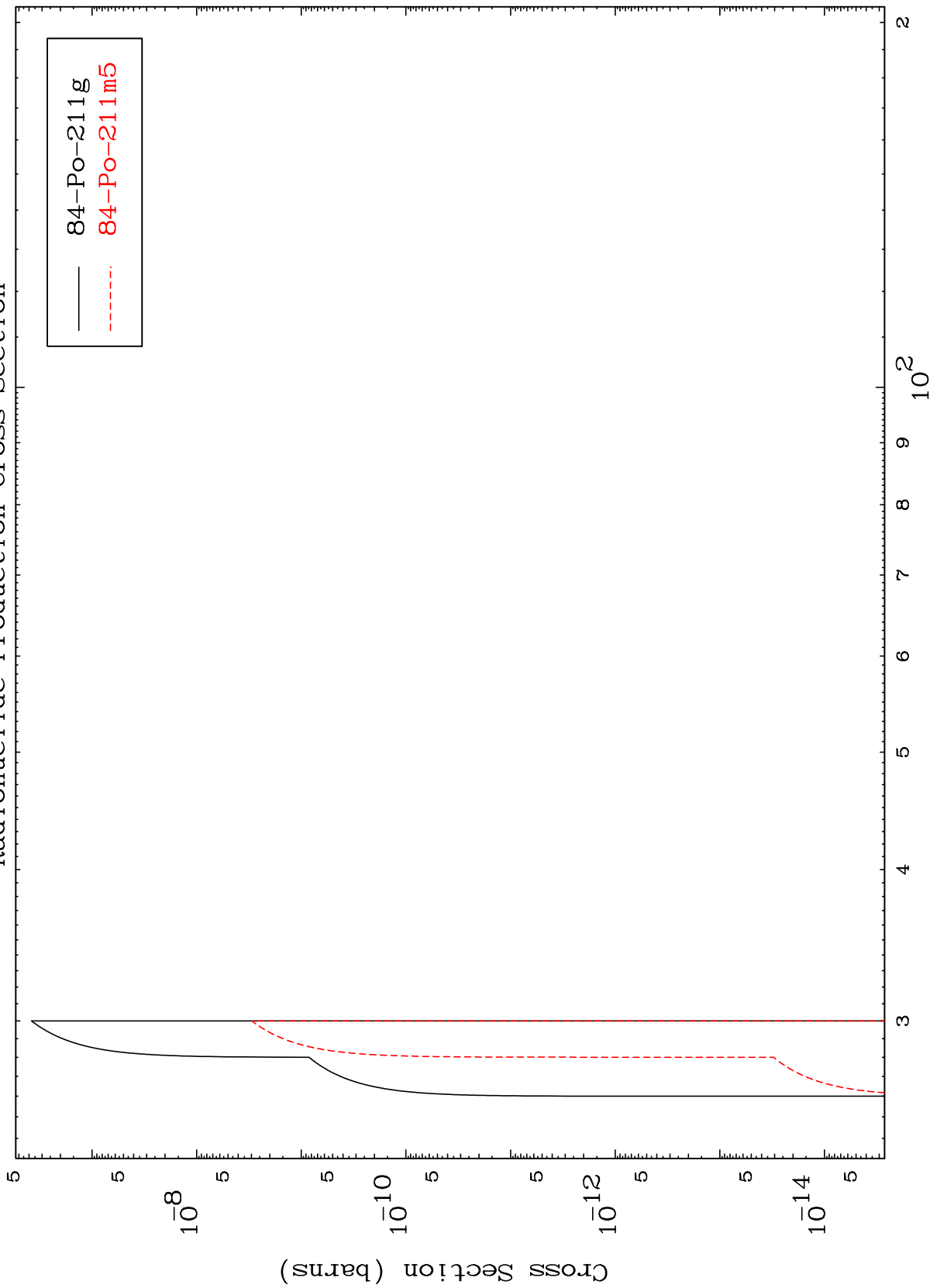
Incident Energy (MeV)

83-Bi-210

MAT 8328

83-Bi-210

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



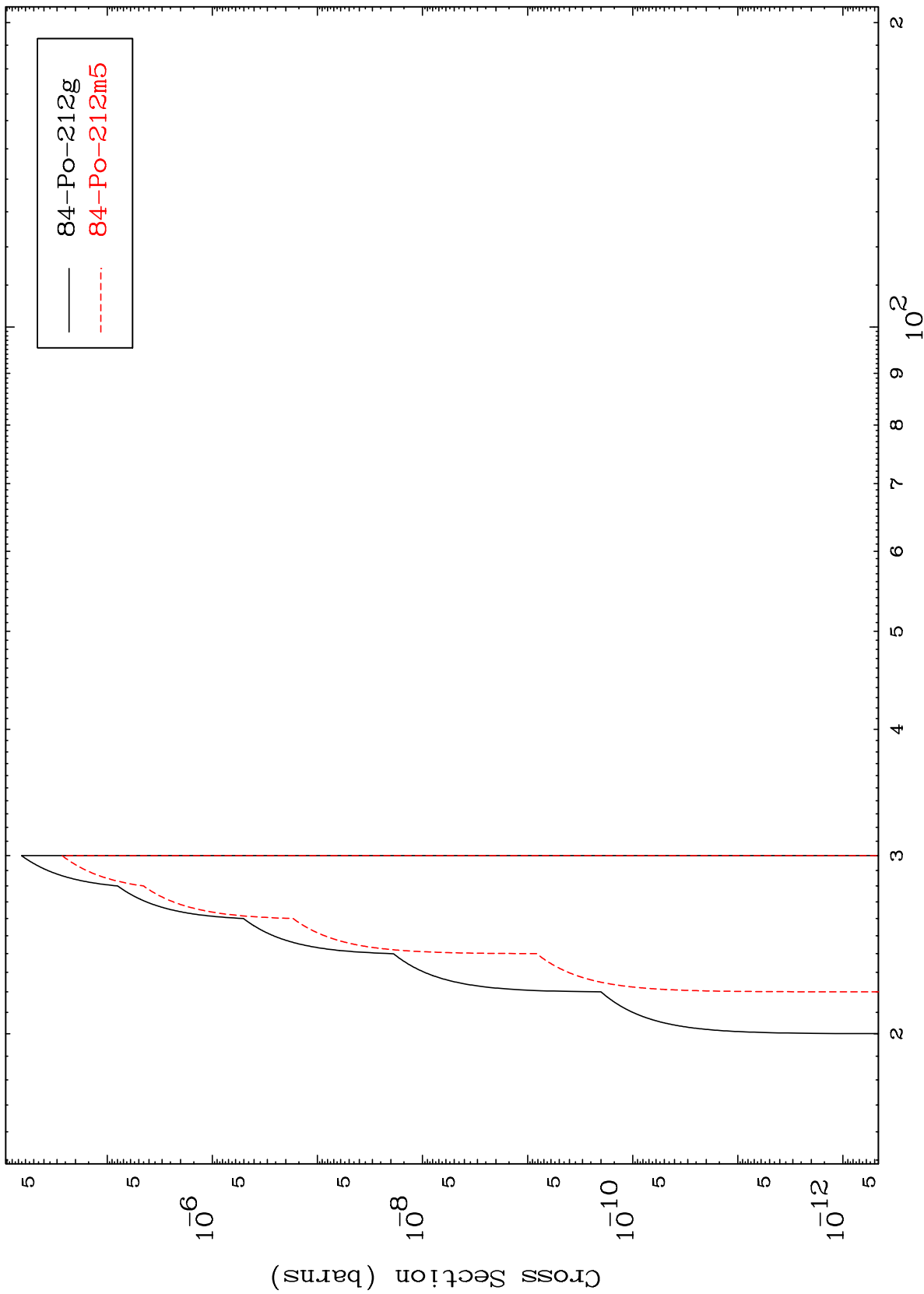
15

83-Bi-210

Incident Energy (MeV)



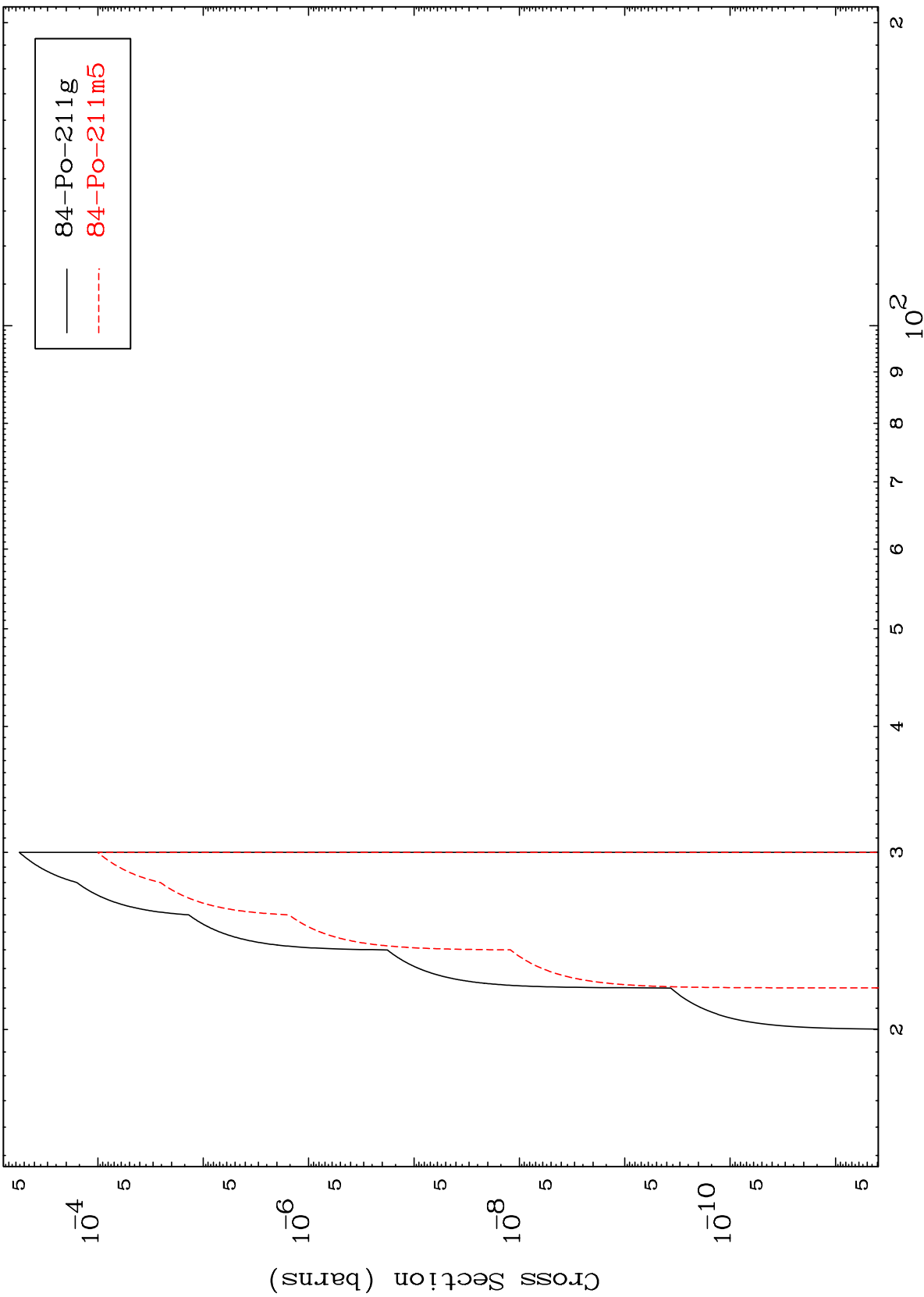
( $\alpha, d$ )  
Radionuclide Production Cross Section



MAT 8328

83-Bi-210

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



17

83-Bi-210

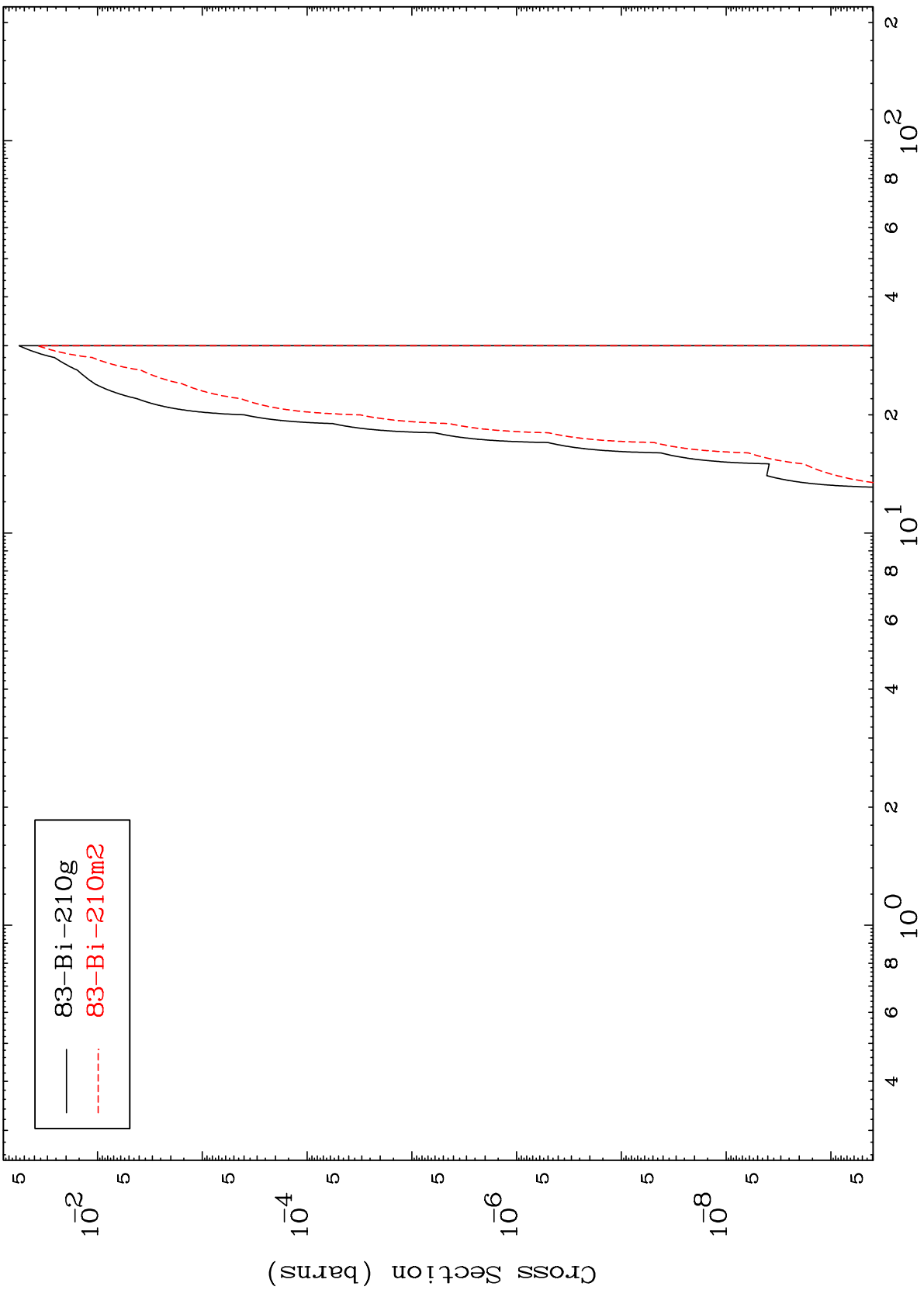
Incident Energy (MeV)

MAT 8328

( $\alpha, \alpha$ )

83-Bi-210

Radionuclide Production Cross Section



18

Incident Energy (MeV)

83-Bi-210

MAT 8328

83-Bi-210

( $\alpha, 2\alpha$ )

