

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

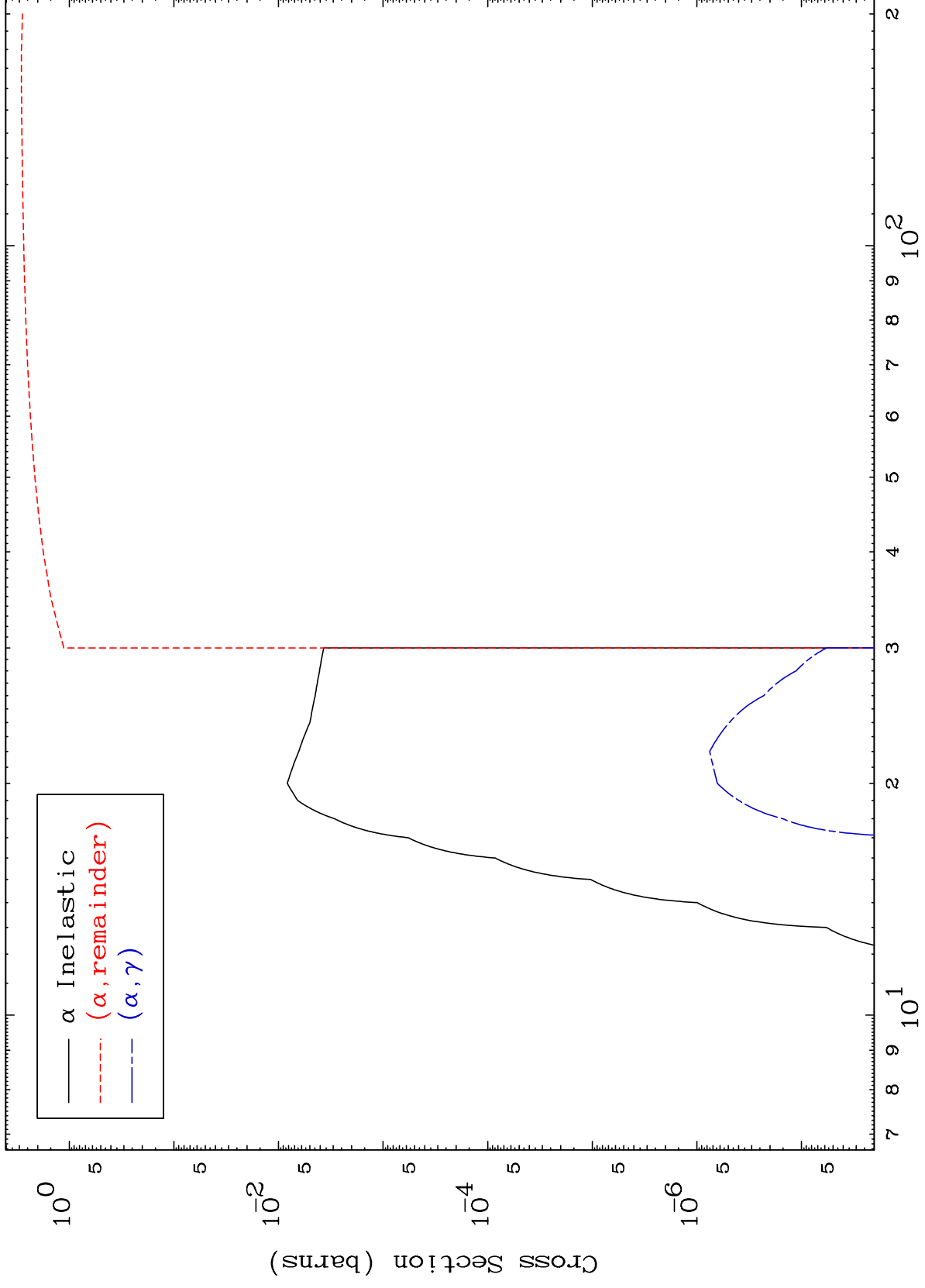
Press Mouse Button to Start

MAT 8340

$\alpha$  Major

83-Bi-214

0 Kelvin Cross Sections



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

1

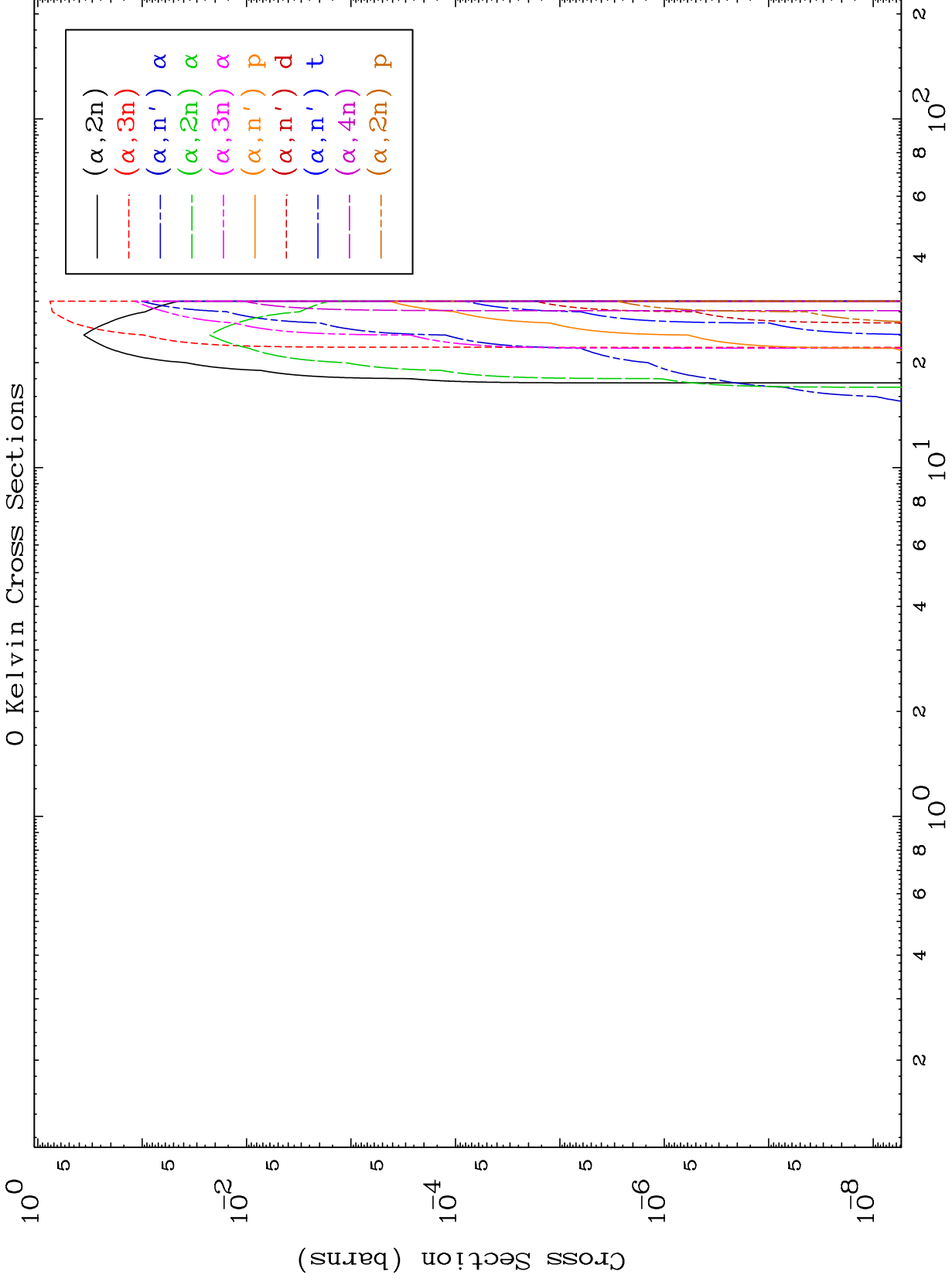
Incident Energy (MeV)

83-Bi-214

MAT 8340

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

83-Bi-214



2

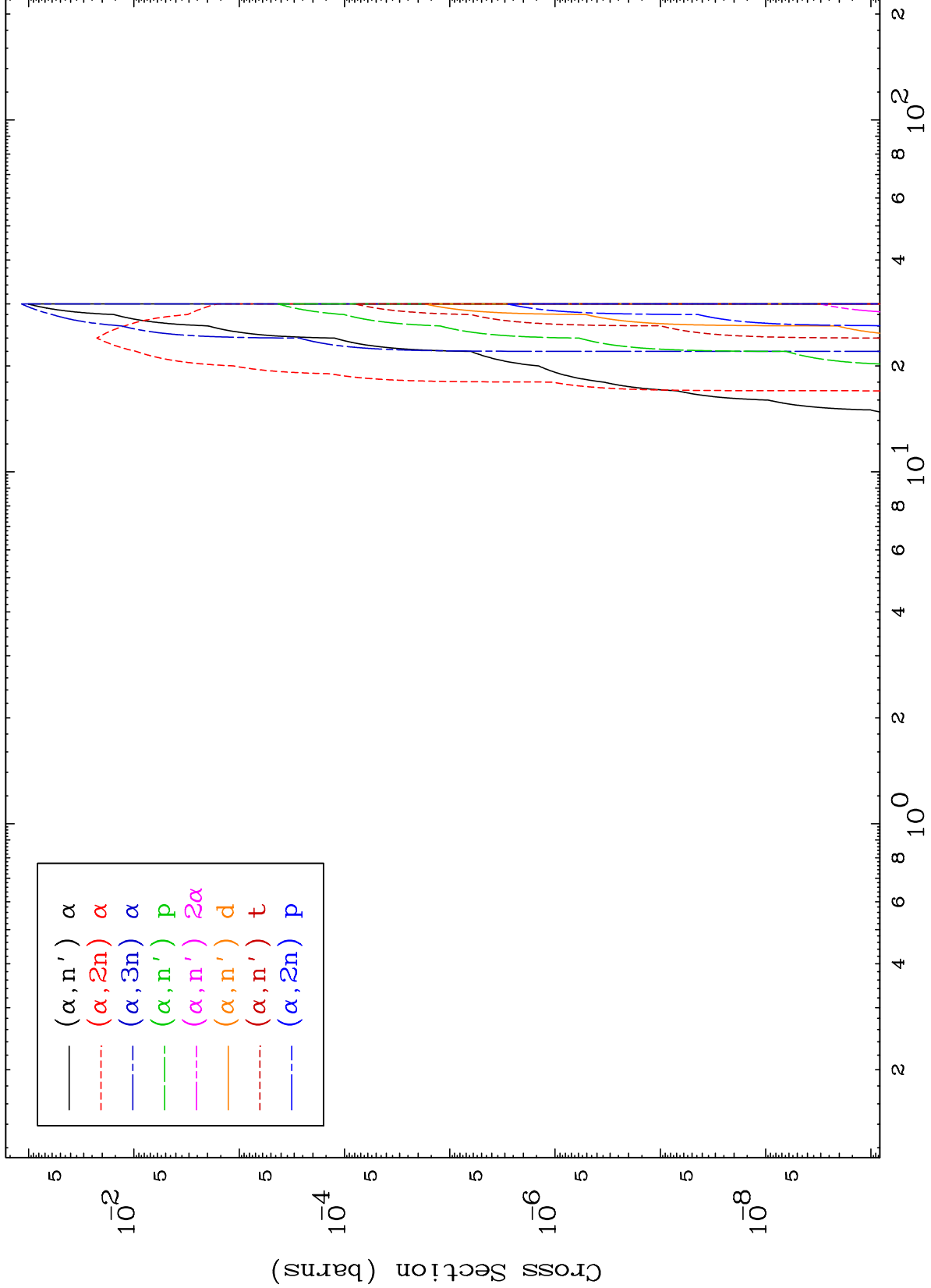
Incident Energy (MeV)

83-Bi-214

MAT 8340

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

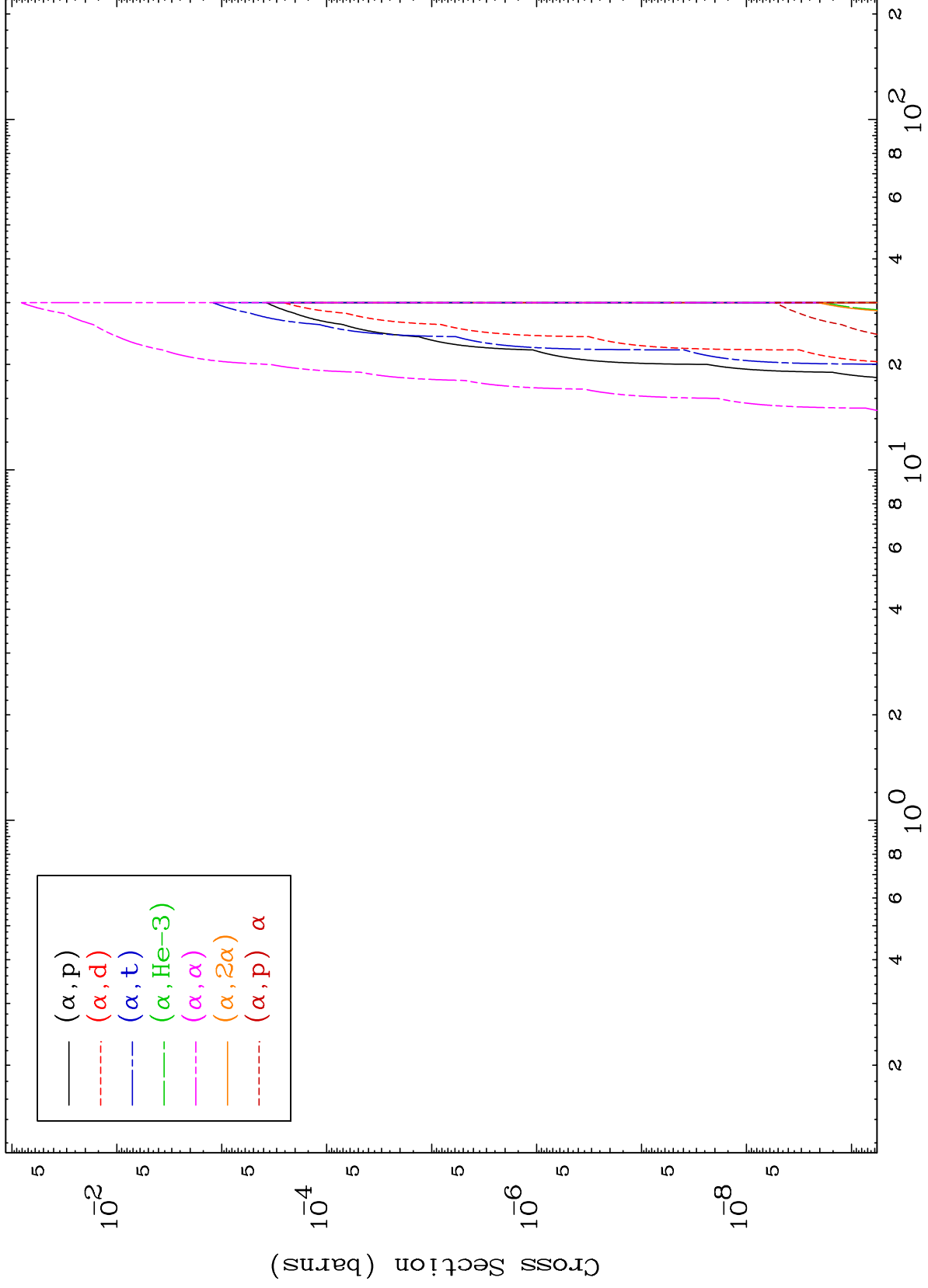
83-Bi-214



MAT 8340

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

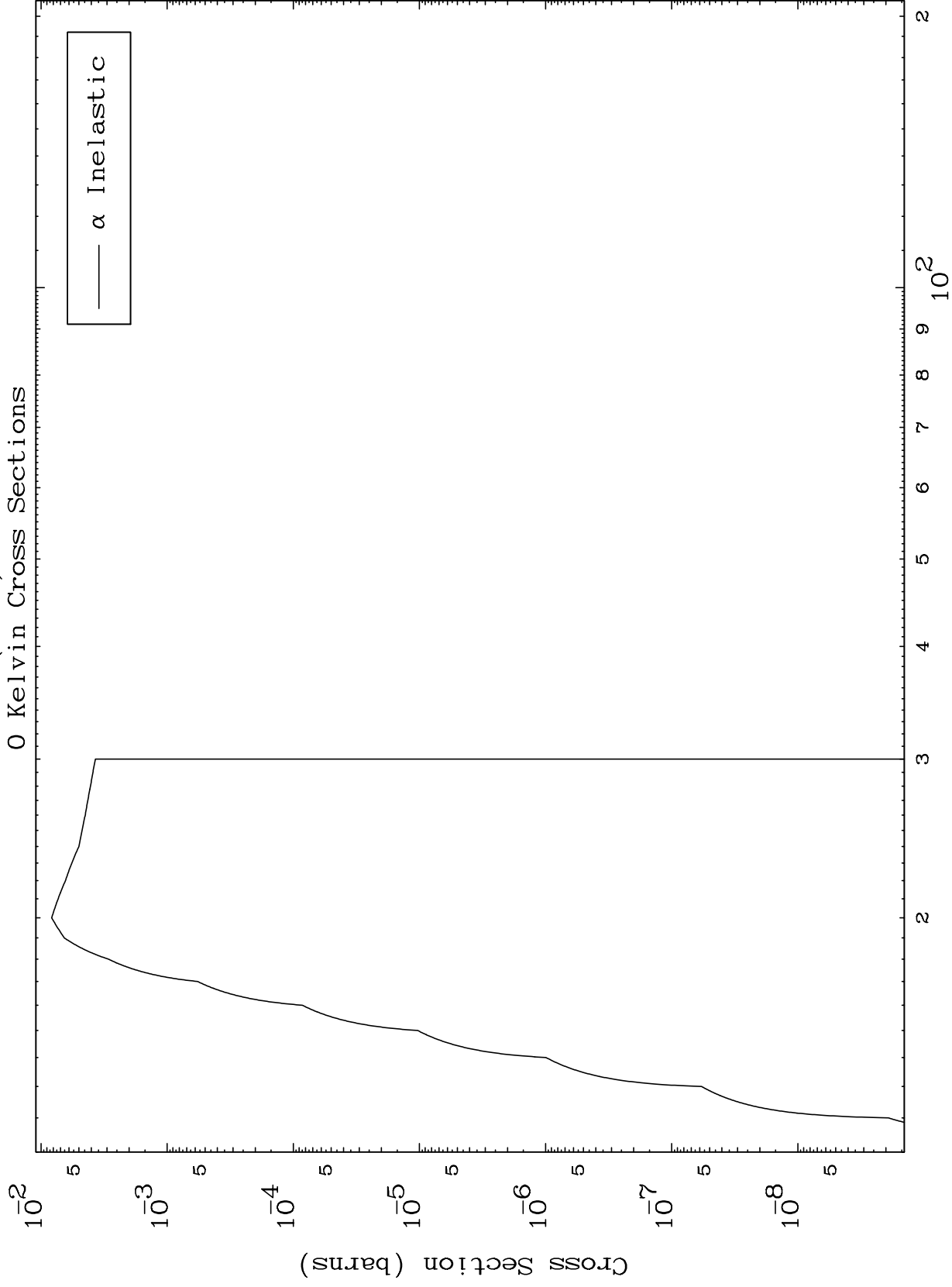
83-Bi-214



MAT 8340

83-Bi-214

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



83-Bi-214

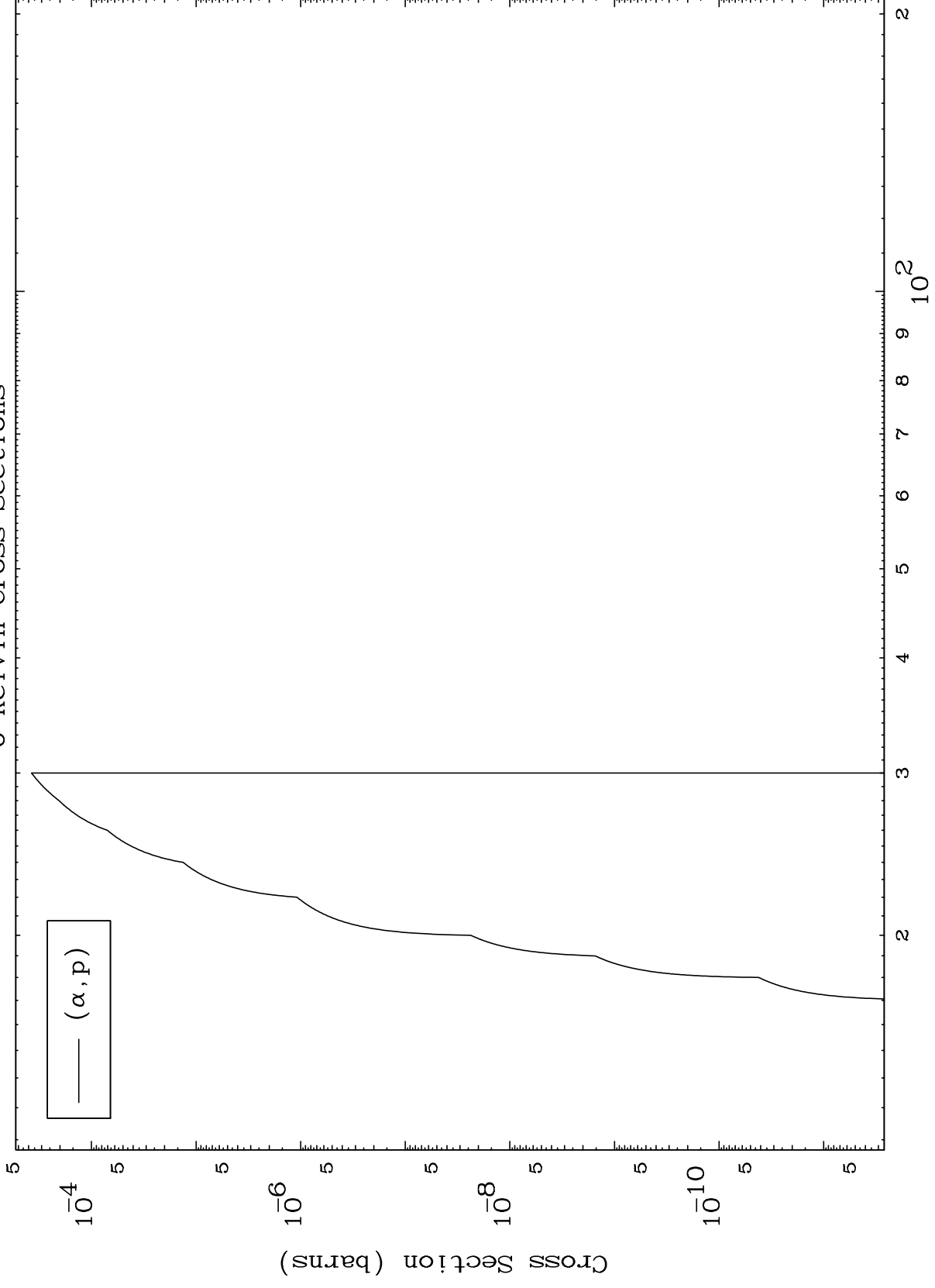
Incident Energy (MeV)

5

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

83-Bi-214



83-Bi-214

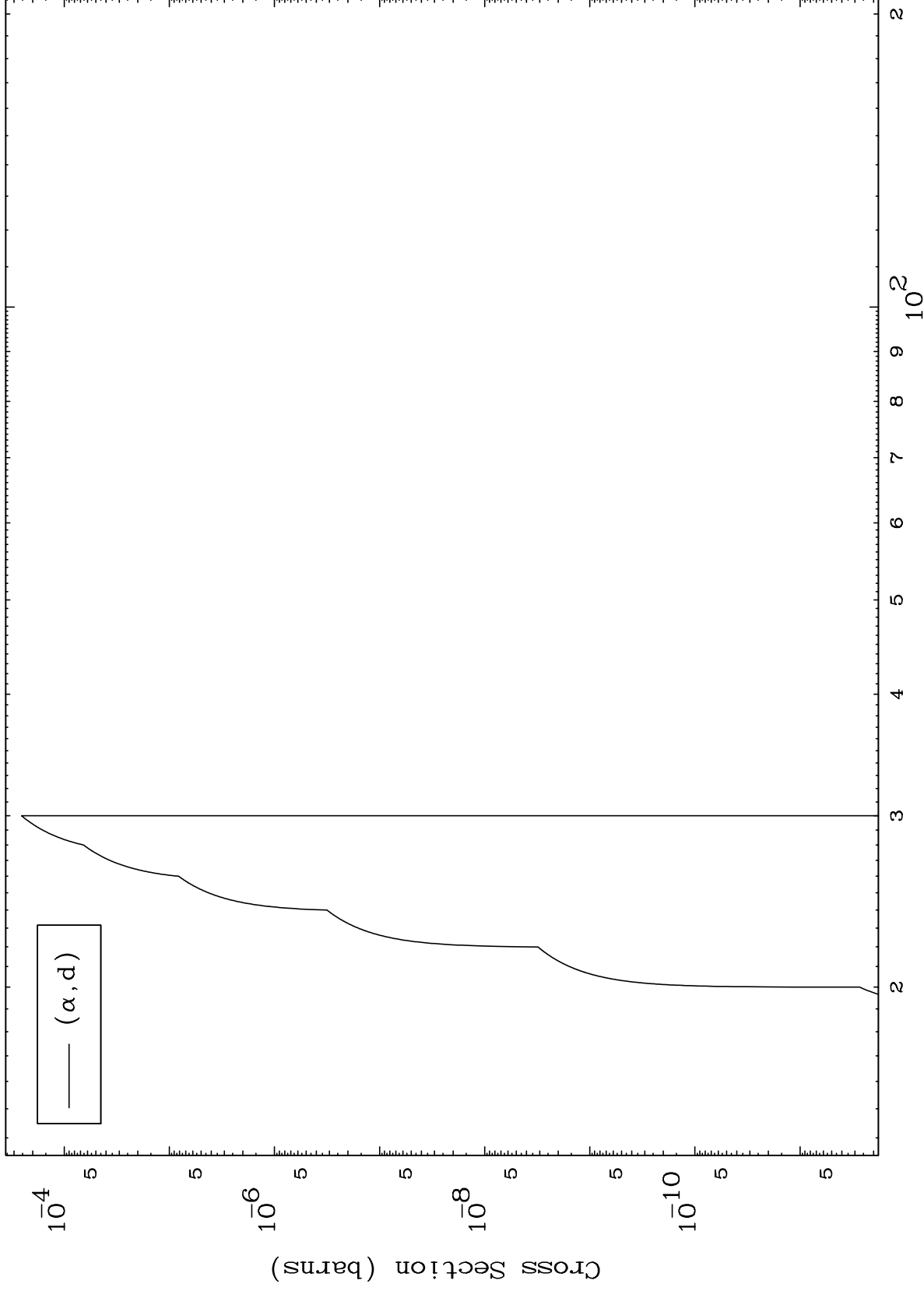
Incident Energy (MeV)

6

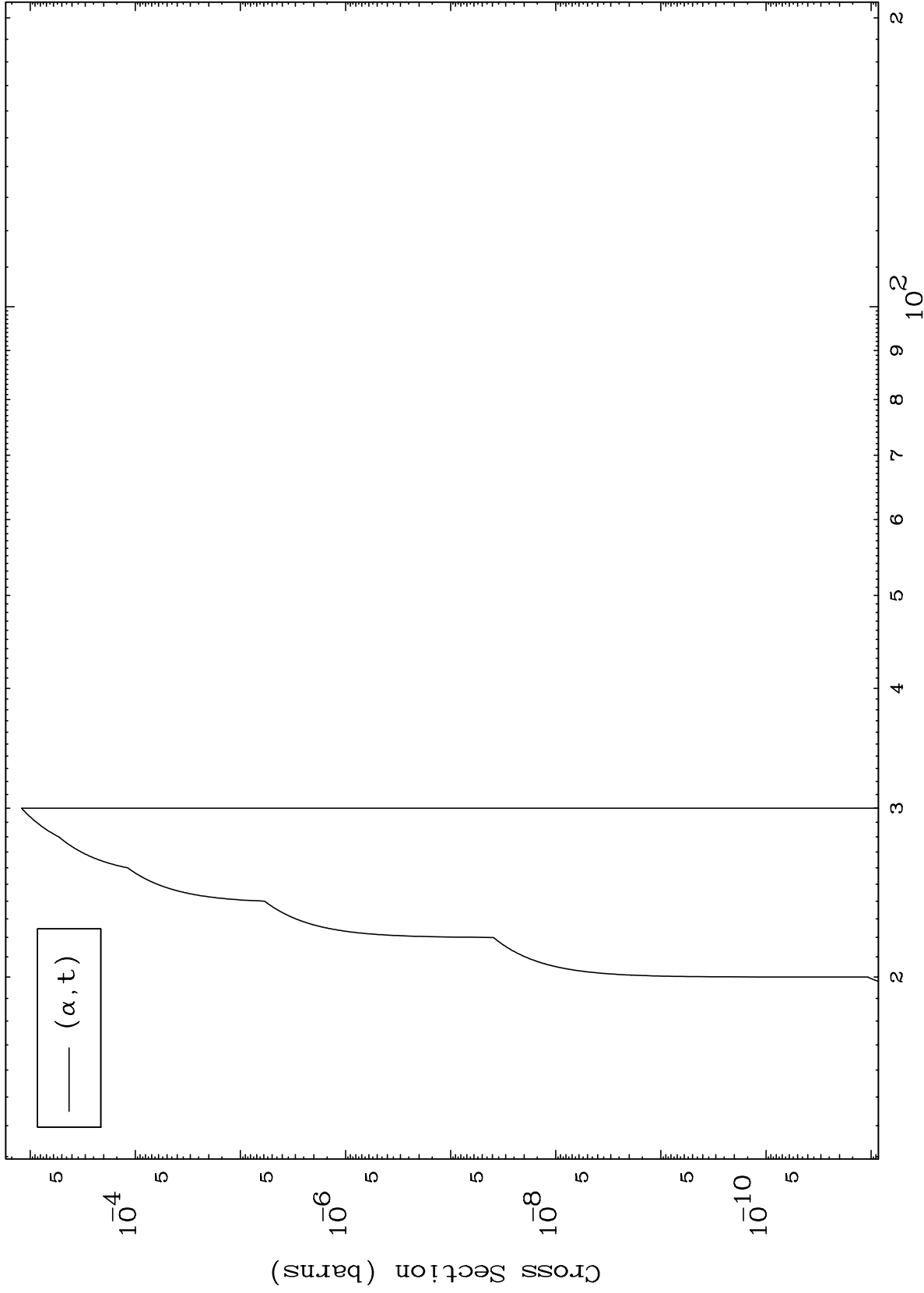
MAT 8340

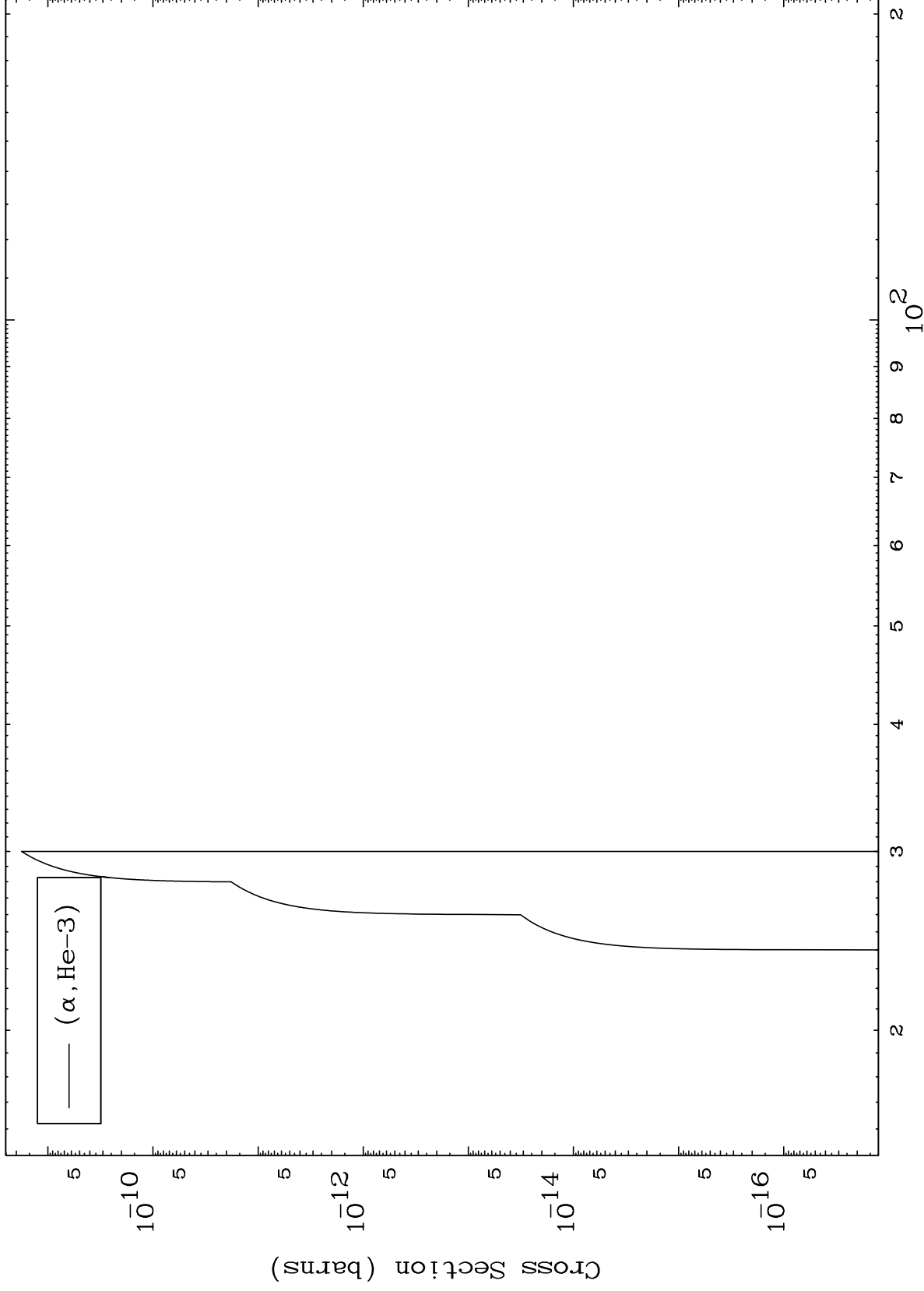
( $\alpha, d$ ) Levels  
0 Kelvin Cross Sections

83-Bi-214







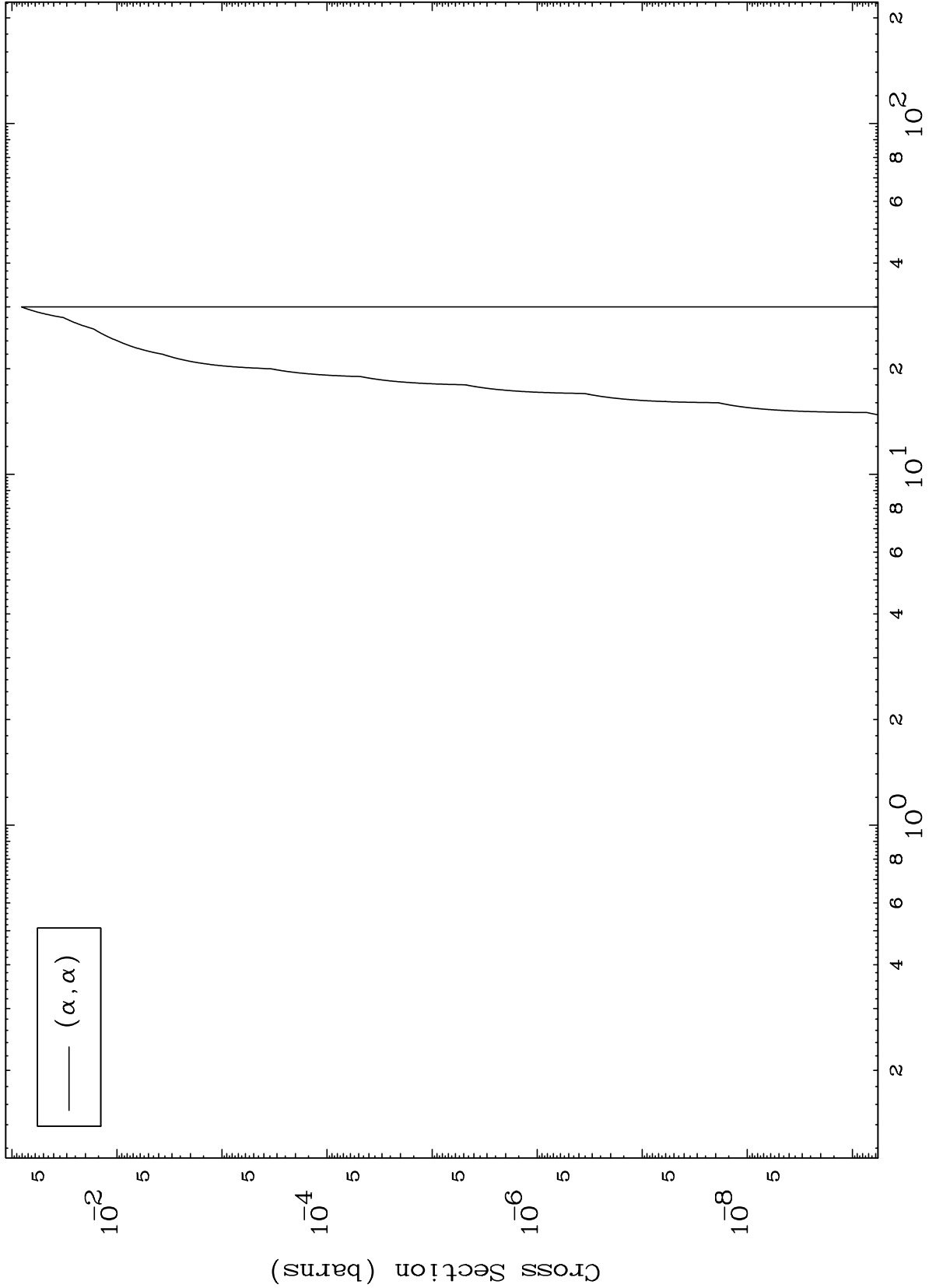


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( $\alpha, \alpha$ ) Levels

83-Bi-214

0 Kelvin Cross Sections



10

Incident Energy (MeV)

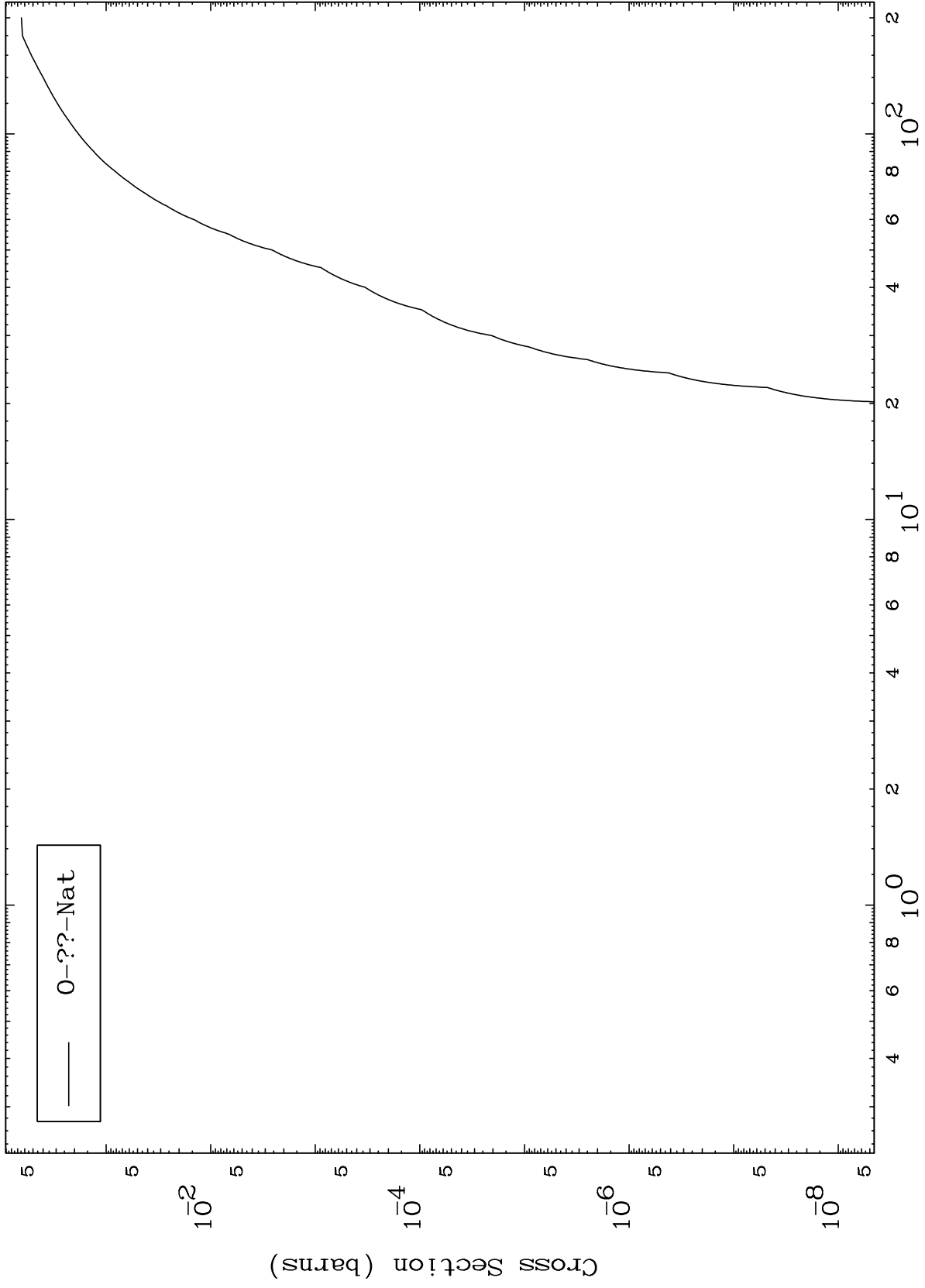
83-Bi-214

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$\alpha$  Fission

83-Bi-214

Radionuclide Production Cross Section

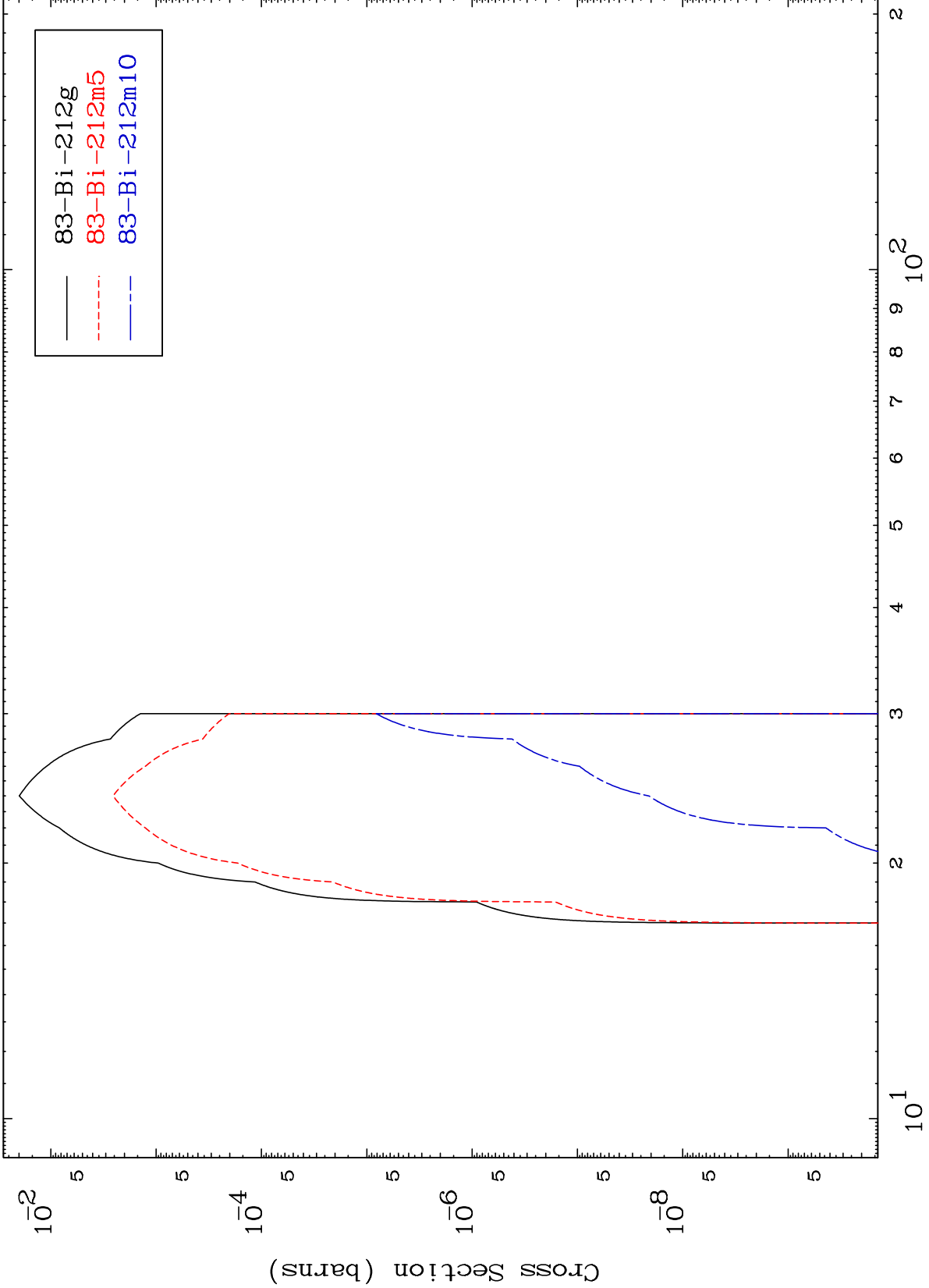


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$(\alpha, 2n)$   $\alpha$

83-Bi-214

Radionuclide Production Cross Section



12

Incident Energy (MeV)

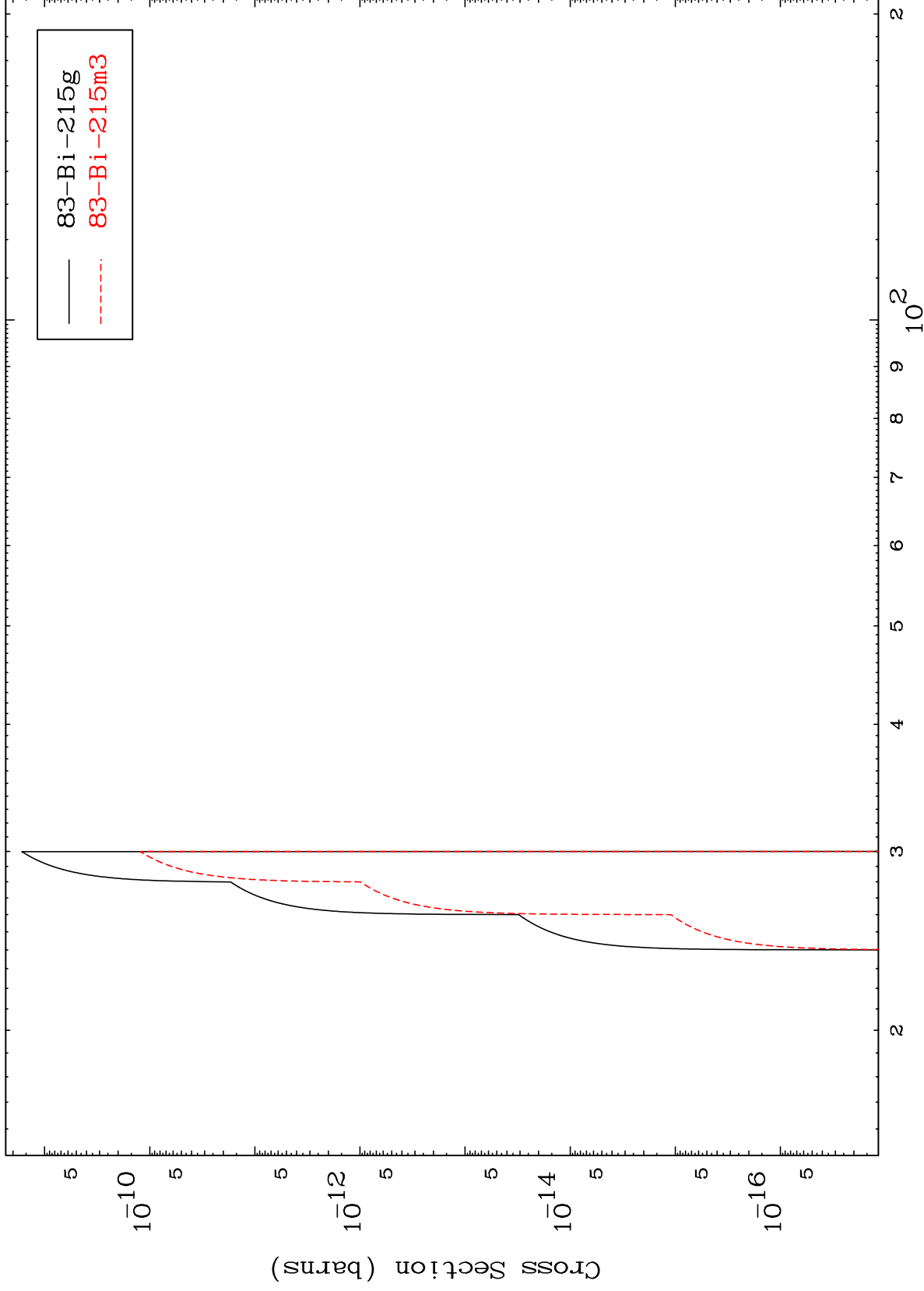
83-Bi-214

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

83-Bi-214

Radionuclide Production Cross Section



13

Incident Energy (MeV)

83-Bi-214