

Program EVALPLOT  
(Version 2021-1)

by

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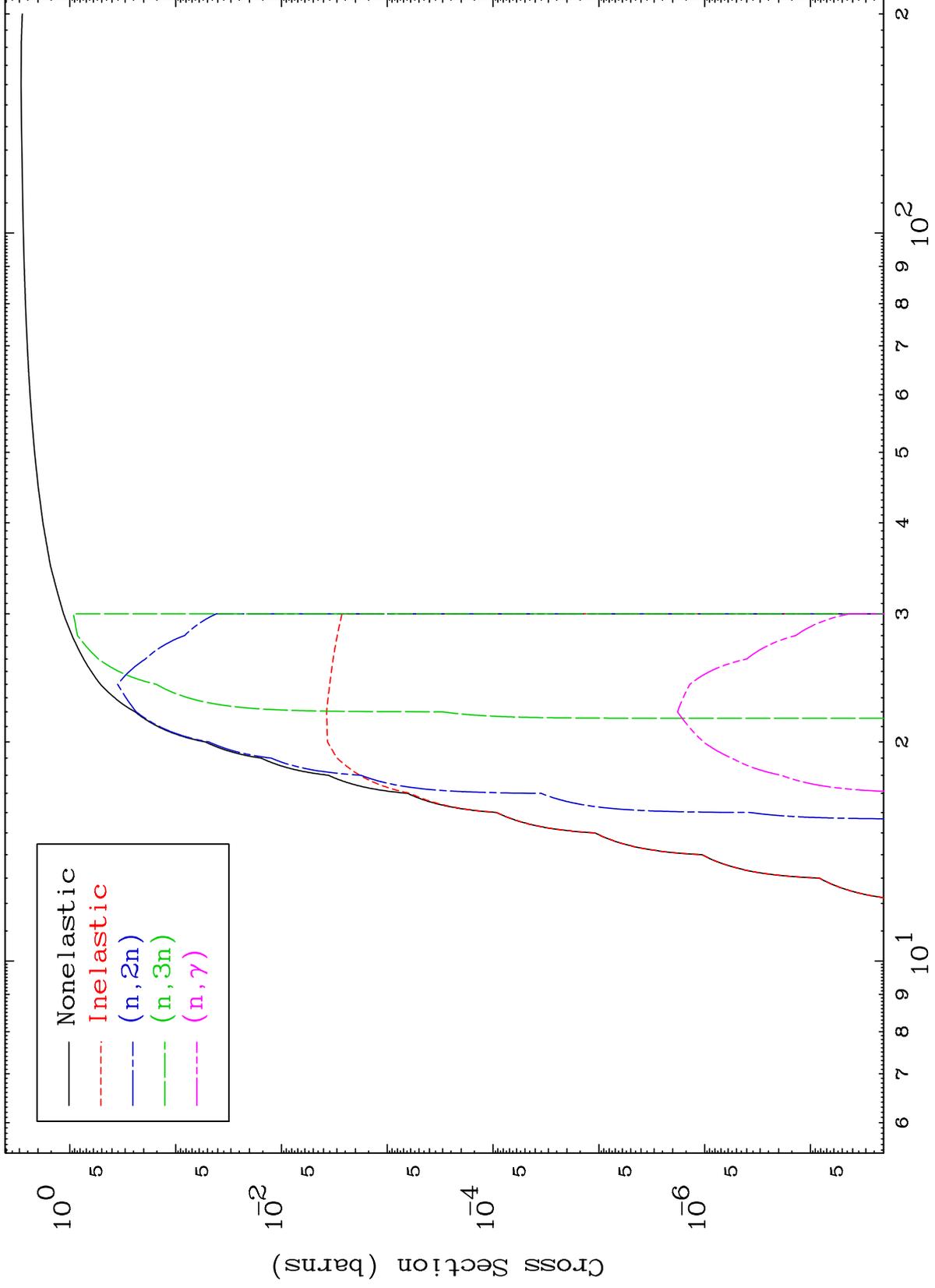
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8349

0 Kelvin  $\alpha$  Major Cross Sections

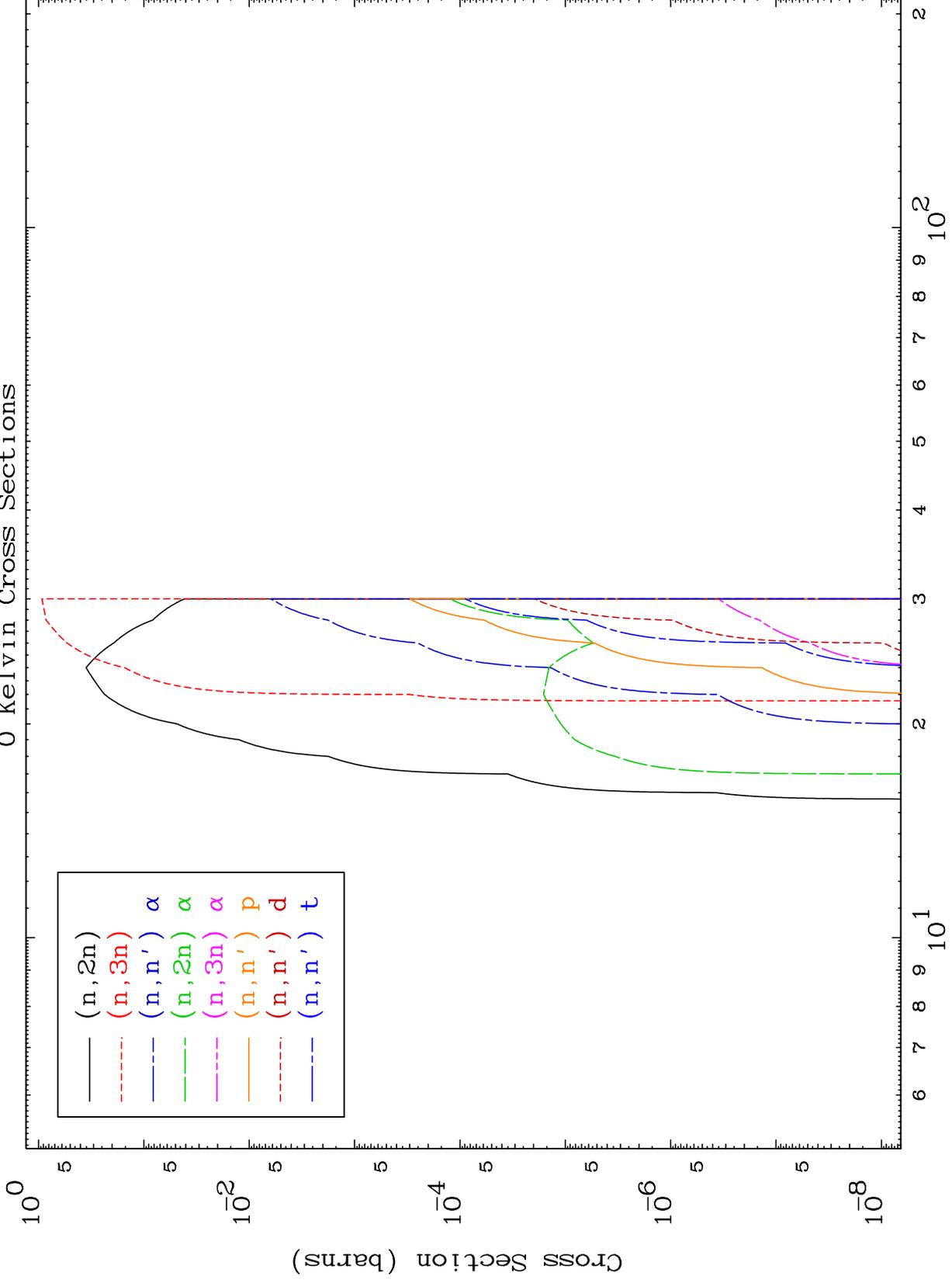
83-Bi-217

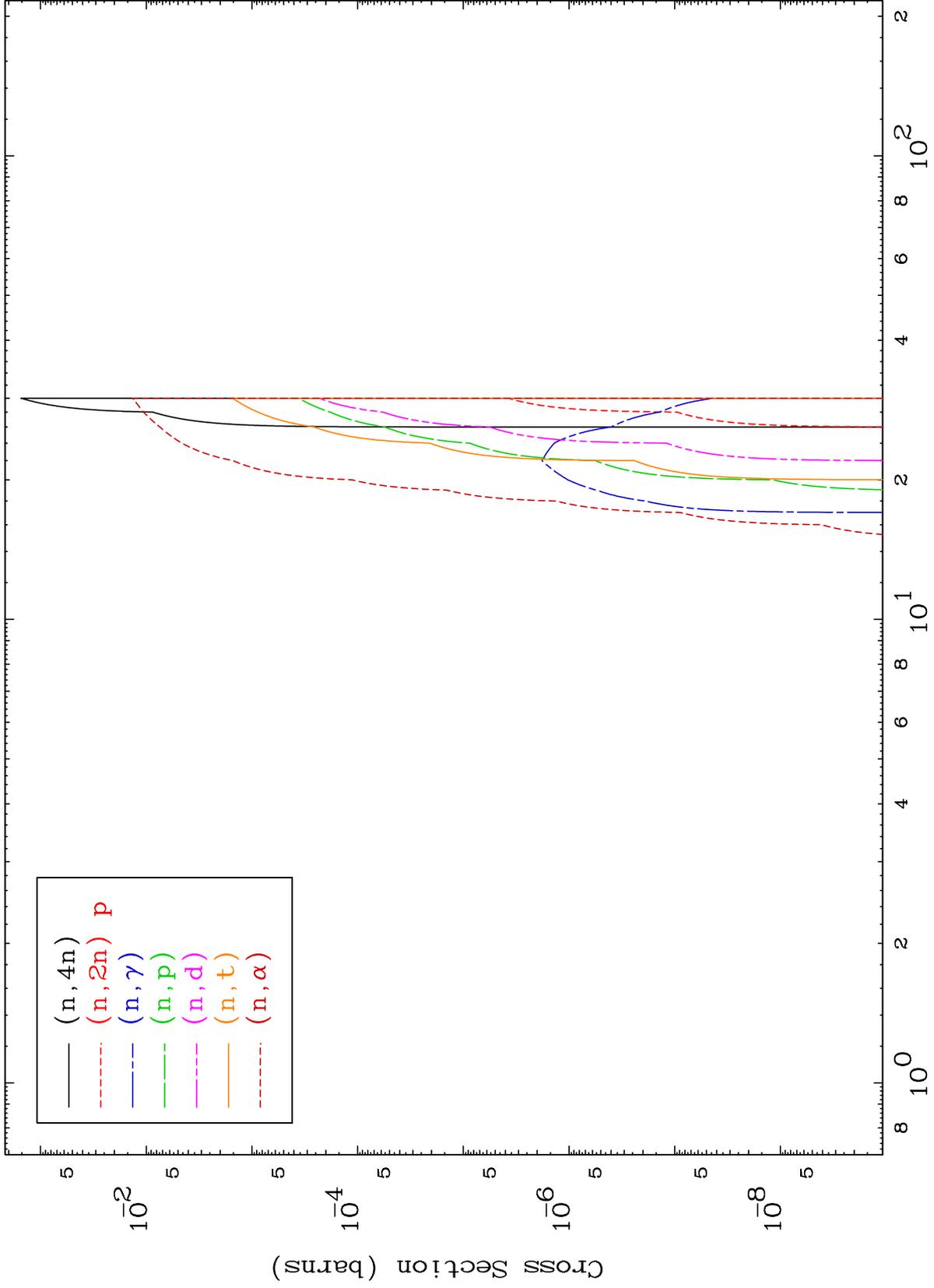


MAT 8349

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

83-Bi-217

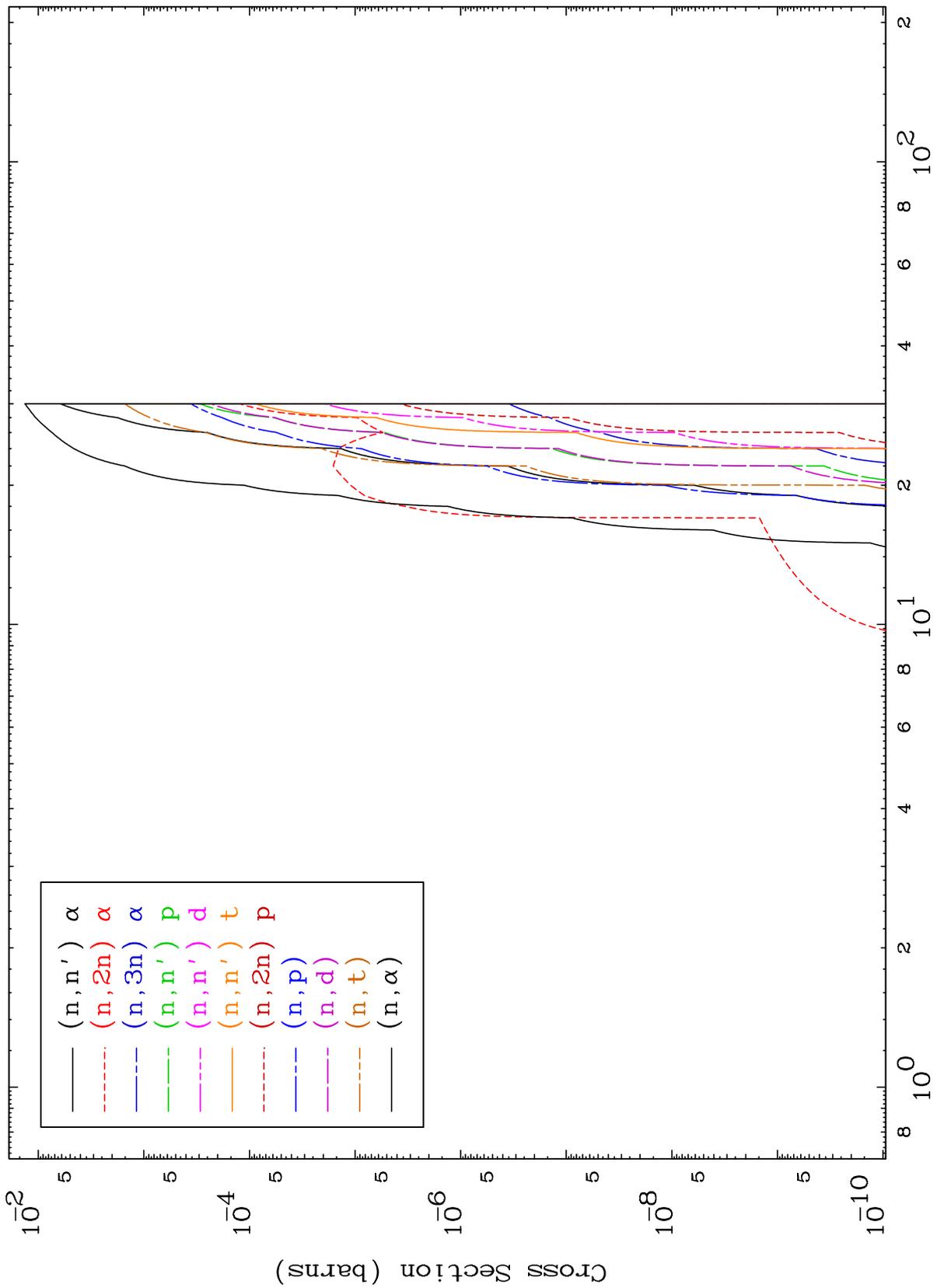




MAT 8349

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

83-Bi-217



4

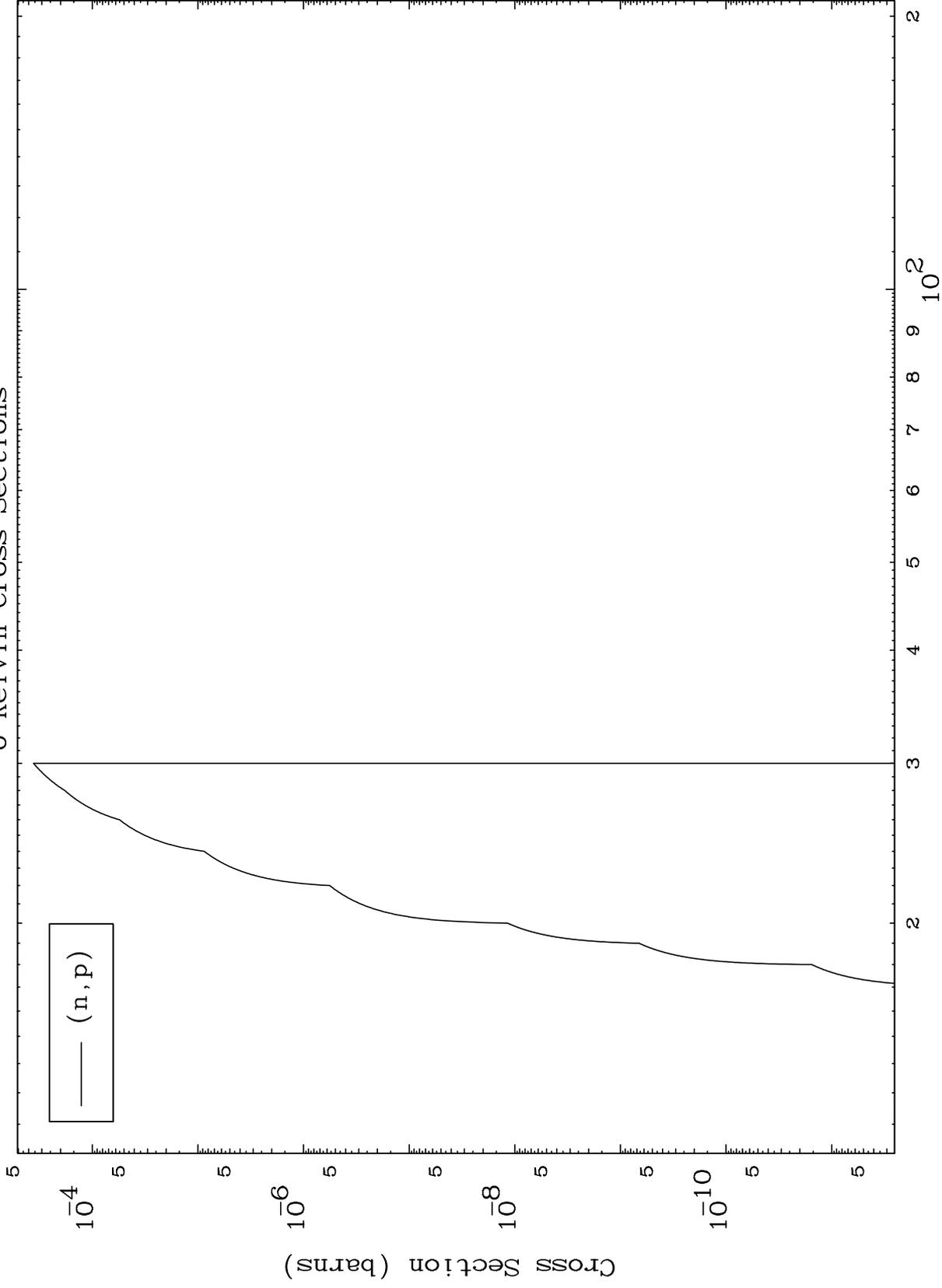
Incident Energy (MeV)

83-Bi-217

MAT 8349

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

83-Bi-217



Incident Energy (MeV)

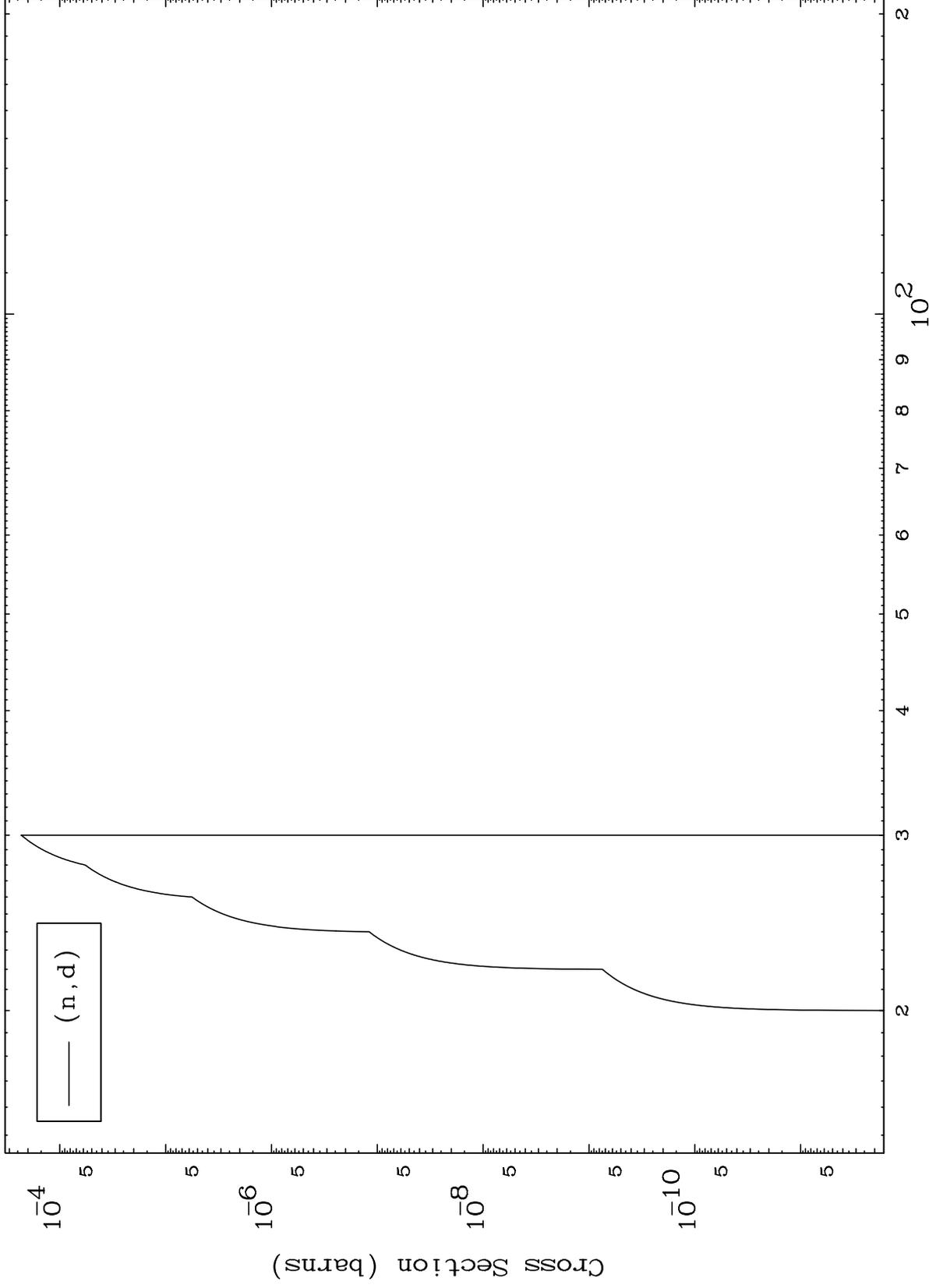
83-Bi-217

5

MAT 8349

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

83-Bi-217



6

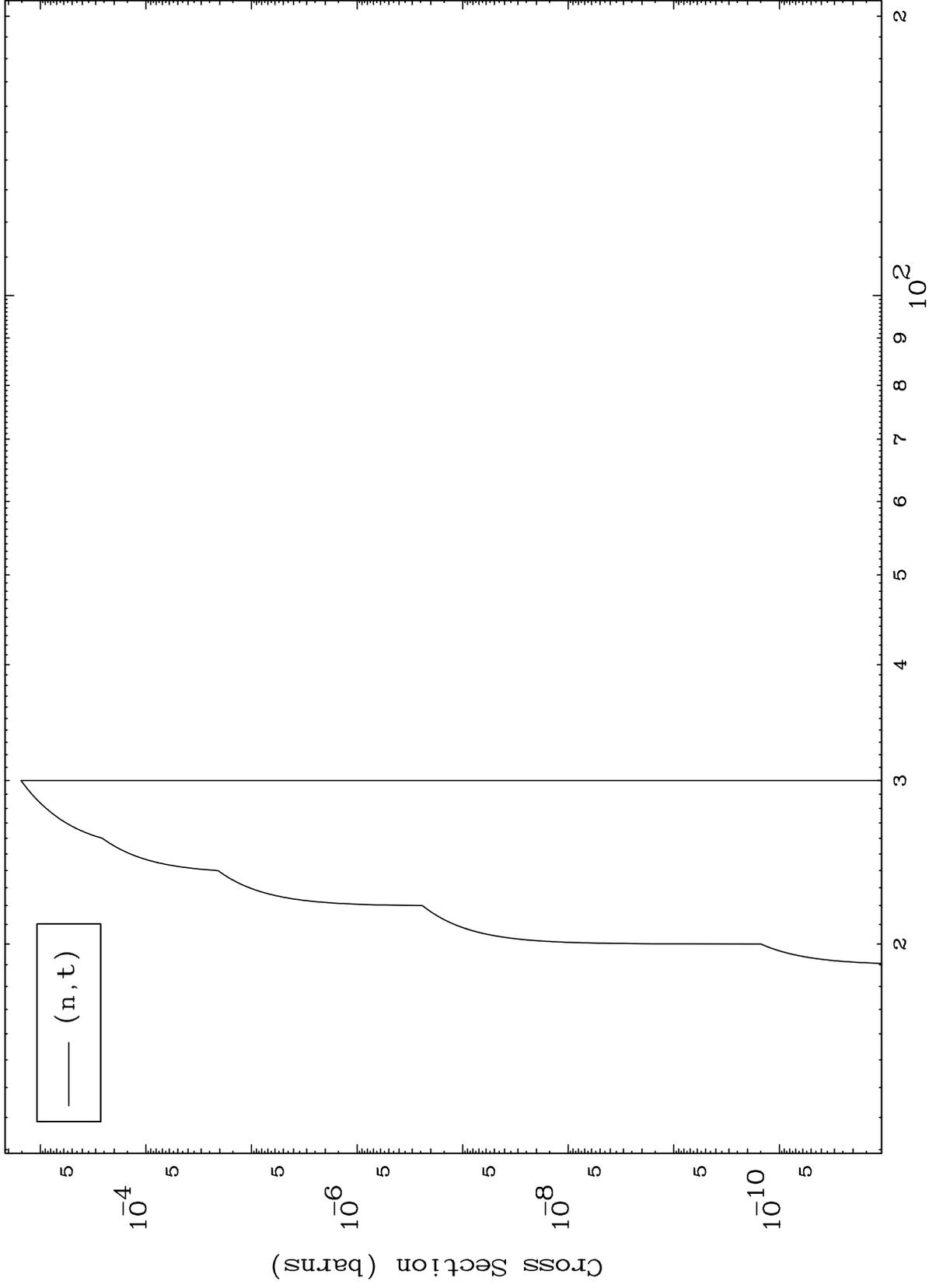
Incident Energy (MeV)

83-Bi-217

MAT 8349

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

83-Bi-217



7

Incident Energy (MeV)

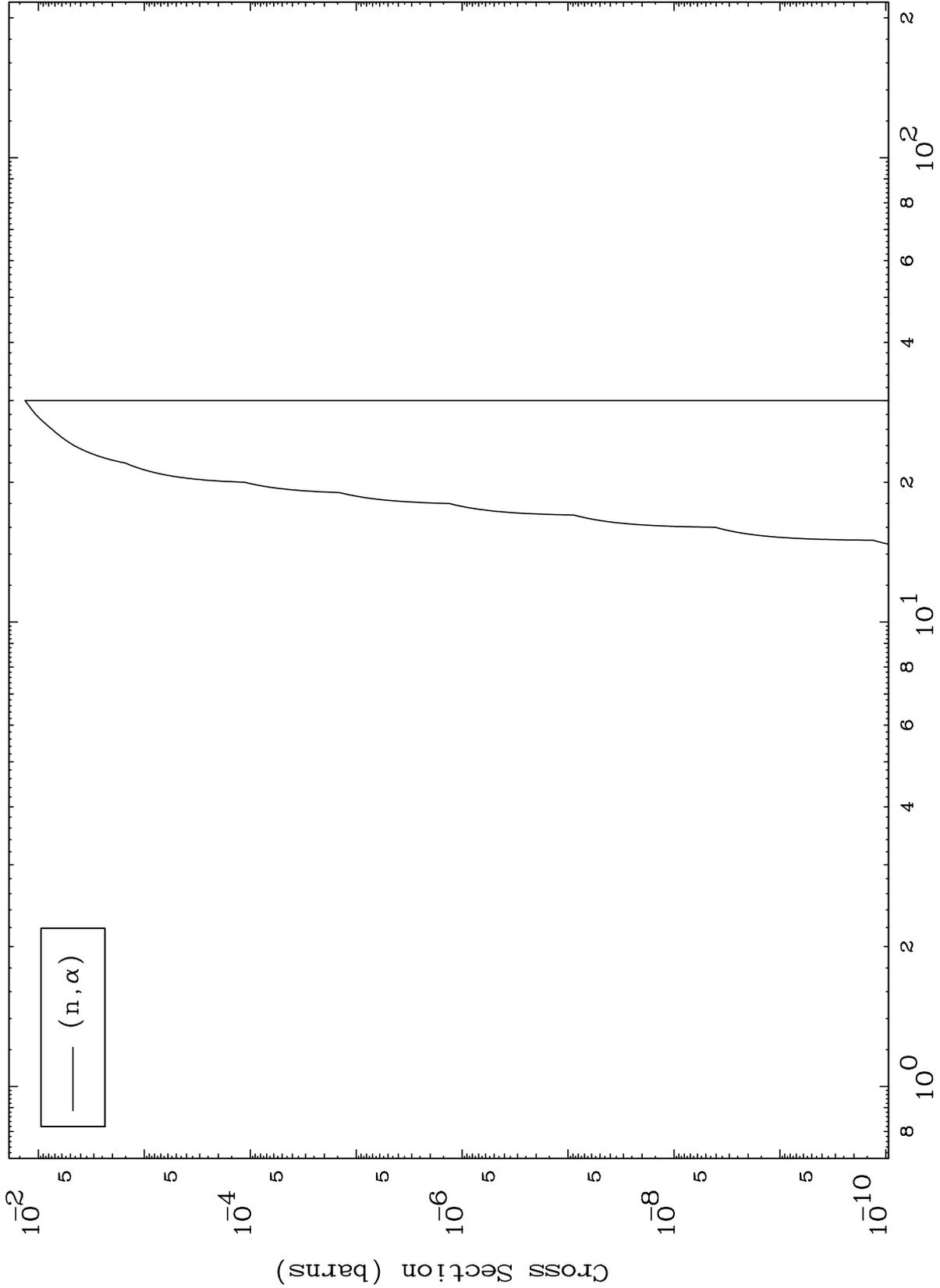
83-Bi-217

MAT 8349

( $\alpha, \alpha$ ) Levels

83-Bi-217

0 Kelvin Cross Sections



(n,  $\alpha$ )

8

Incident Energy (MeV)

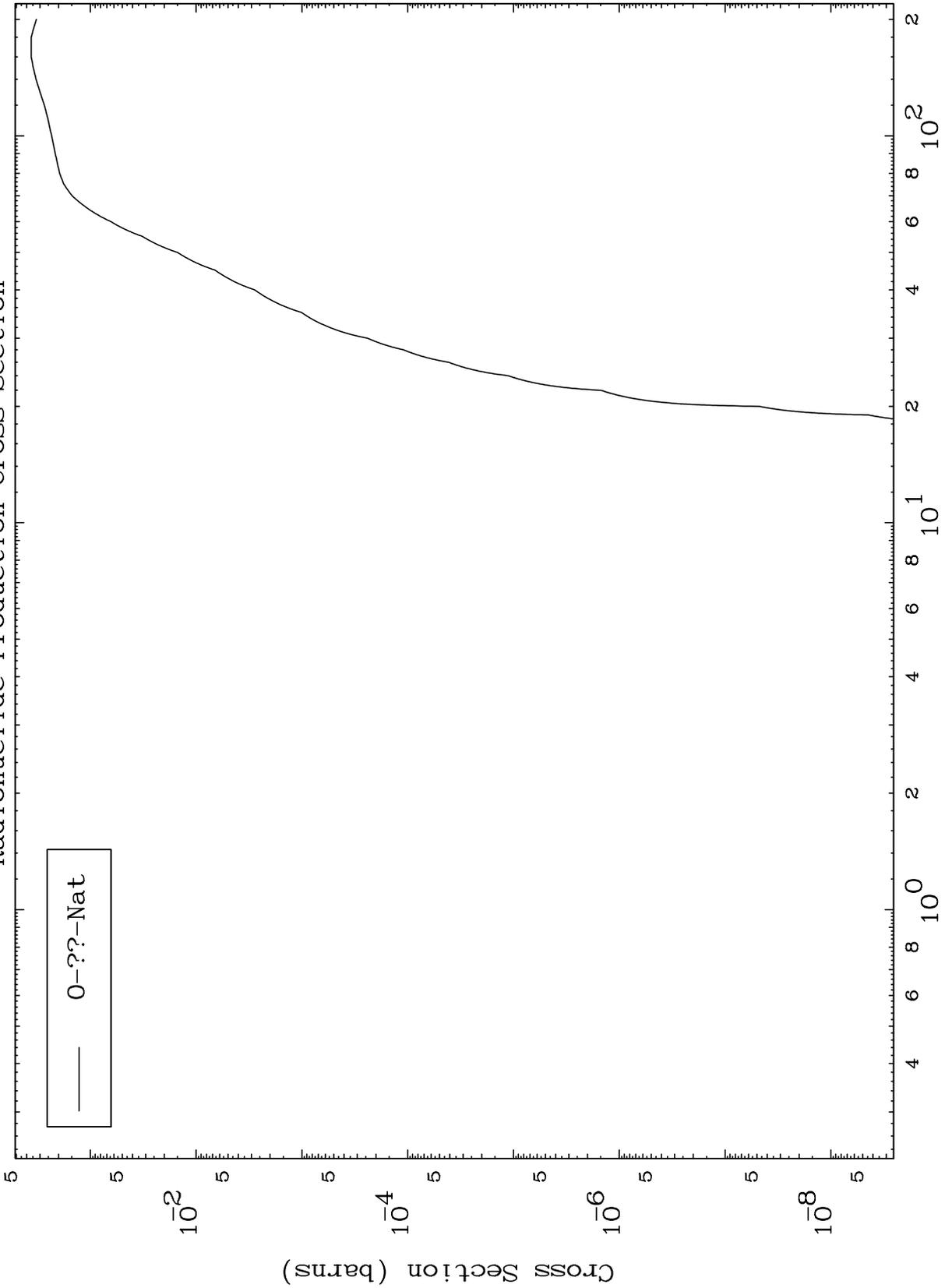
83-Bi-217

MAT 8349

Fission

83-Bi-217

Radionuclide Production Cross Section

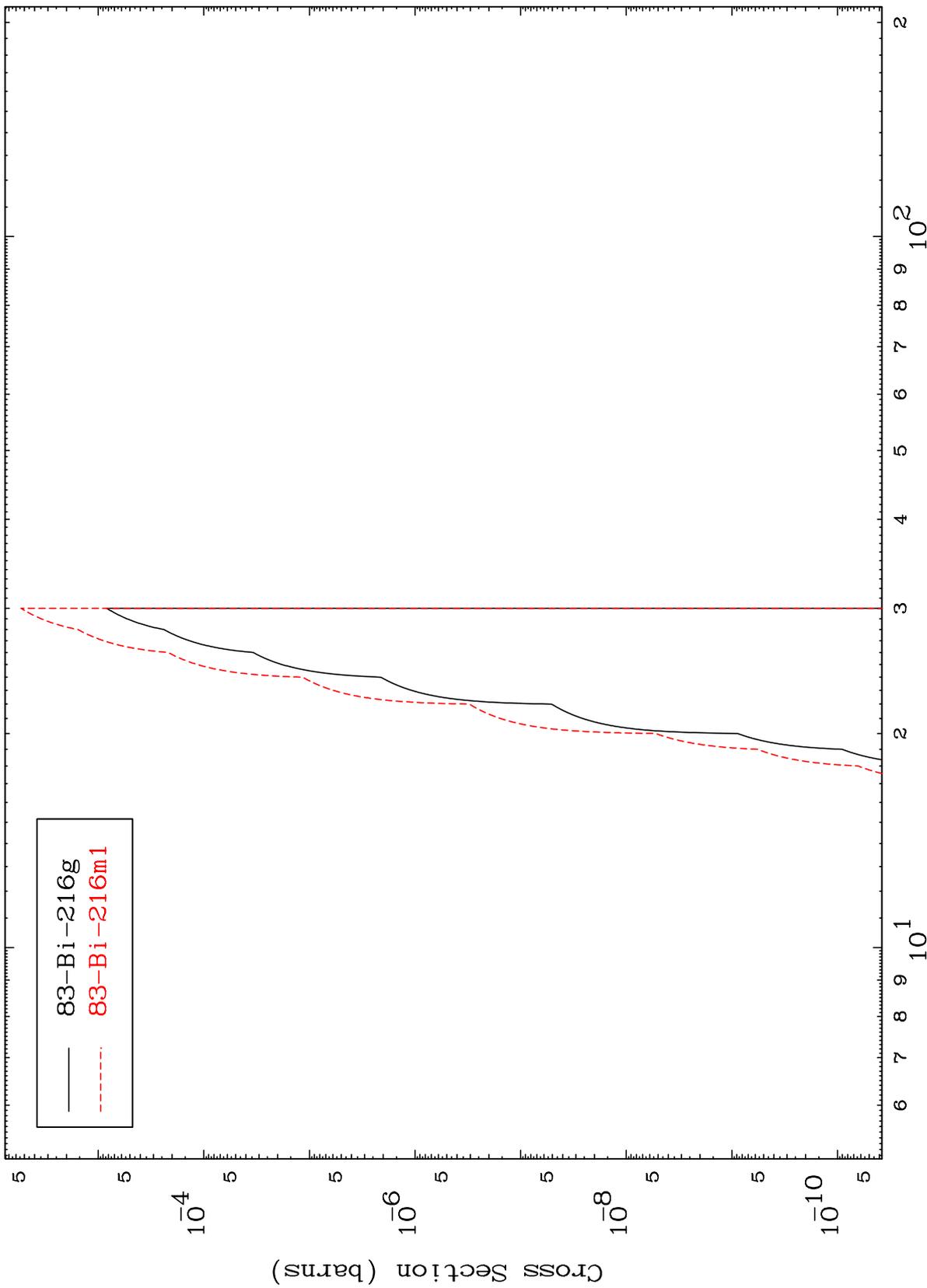


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83-Bi-217

(n,n')  $\alpha$

Radionuclide Production Cross Section



83-Bi-216g  
83-Bi-216m1

83-Bi-217

Incident Energy (MeV)

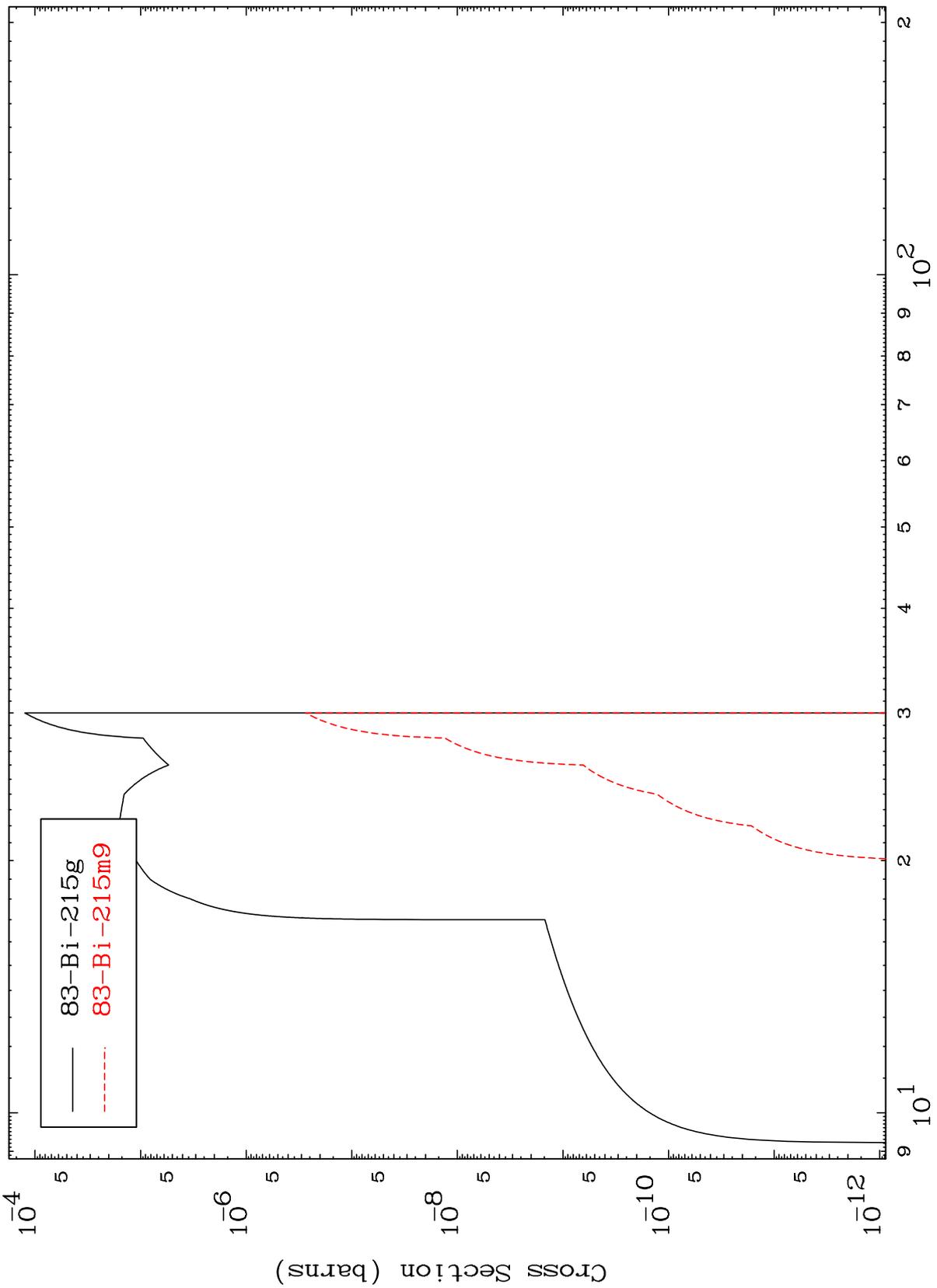
10

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(n,2n)  $\alpha$

83-Bi-217

Radionuclide Production Cross Section



83-Bi-215g  
83-Bi-215m9

11

Incident Energy (MeV)

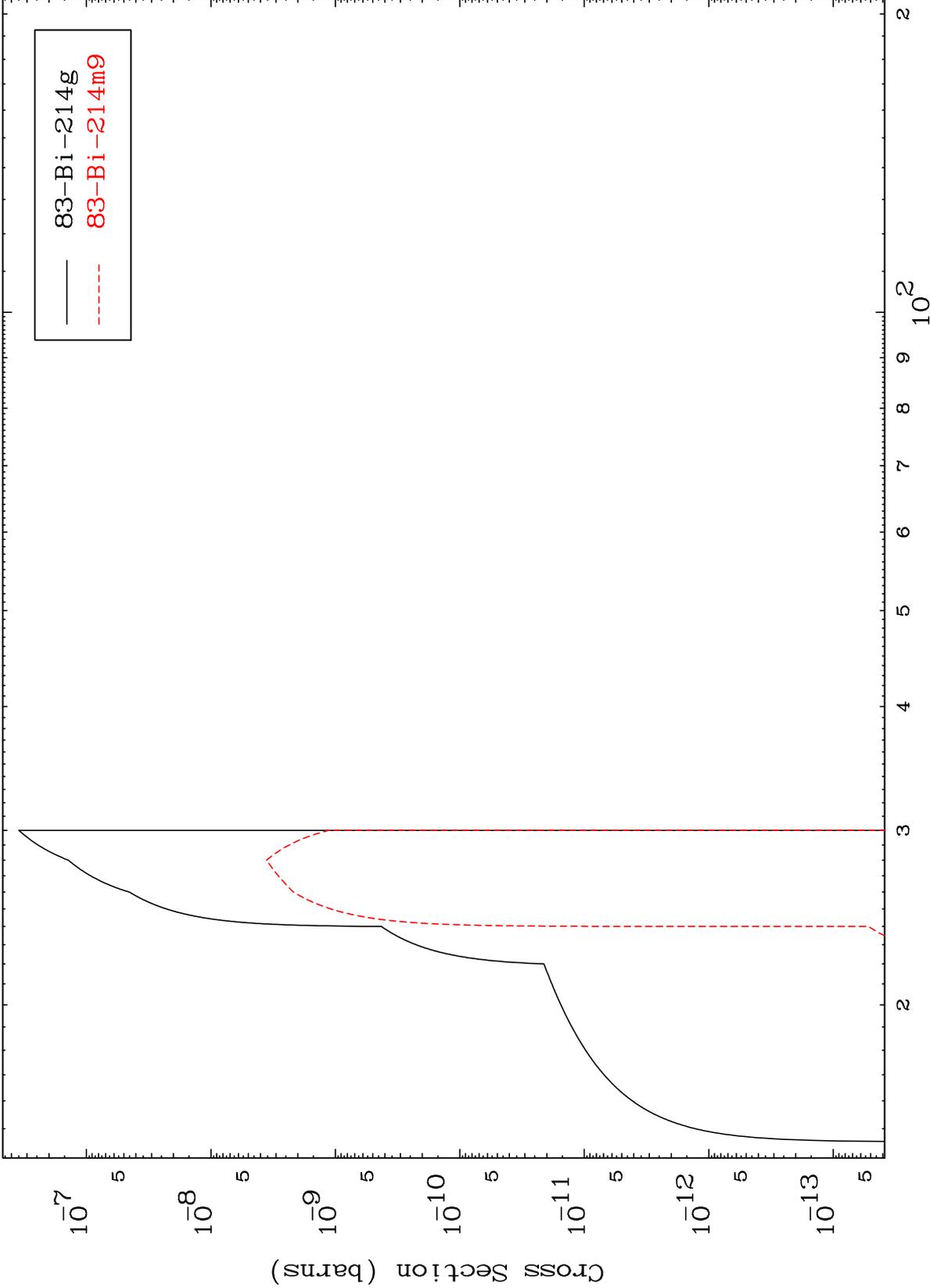
83-Bi-217

MAT 8349

(n,3n)  $\alpha$

83-Bi-217

Radionuclide Production Cross Section



83-Bi-214g  
83-Bi-214m9

12

Incident Energy (MeV)

83-Bi-217