

Program EVALPLOT  
(Version 2021-1)

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](mailto:redcullen1@comcast.net)

Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

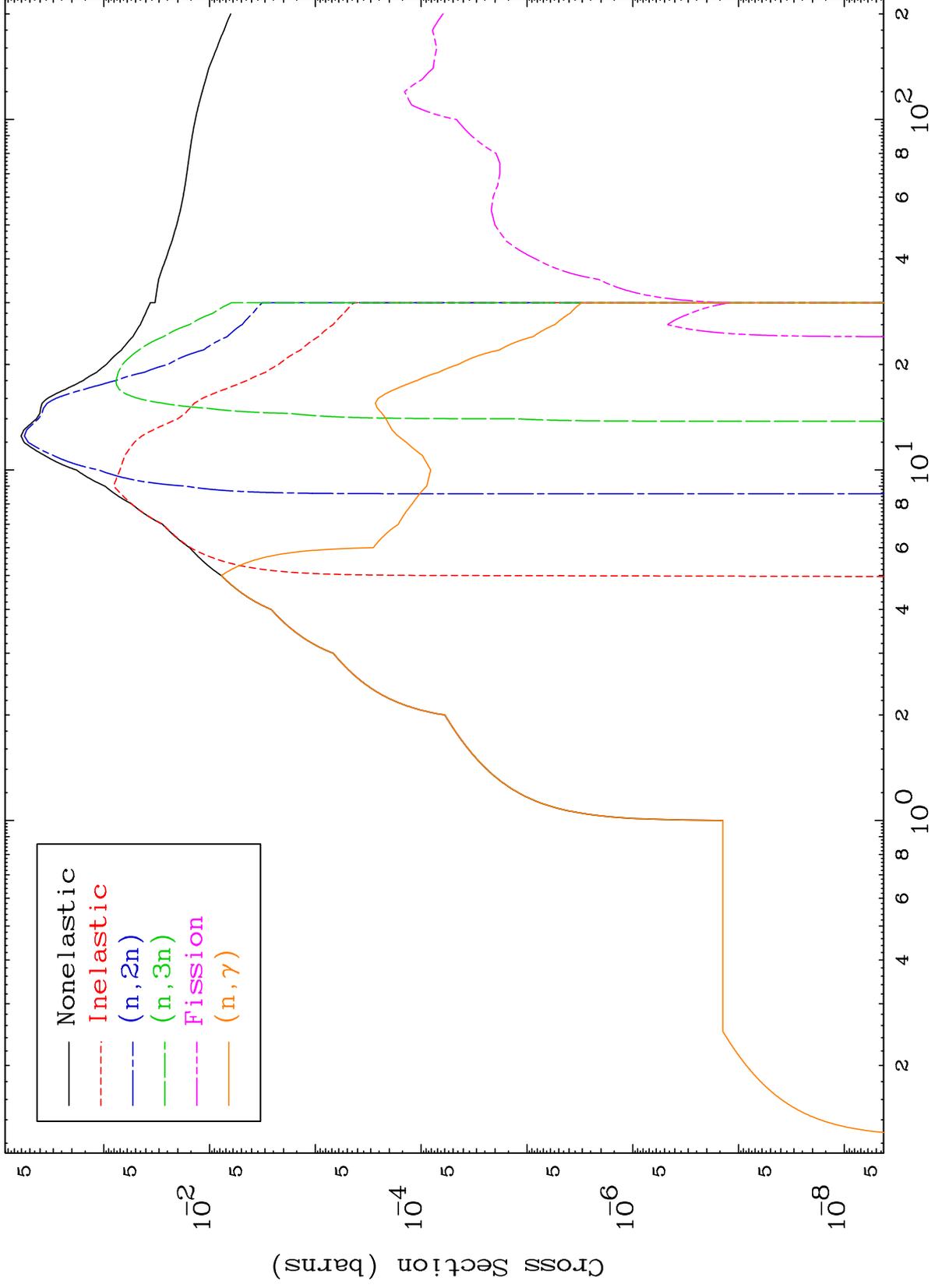
Press Mouse Button to Start

MAT 8355

Photon Major

83-Bi-219

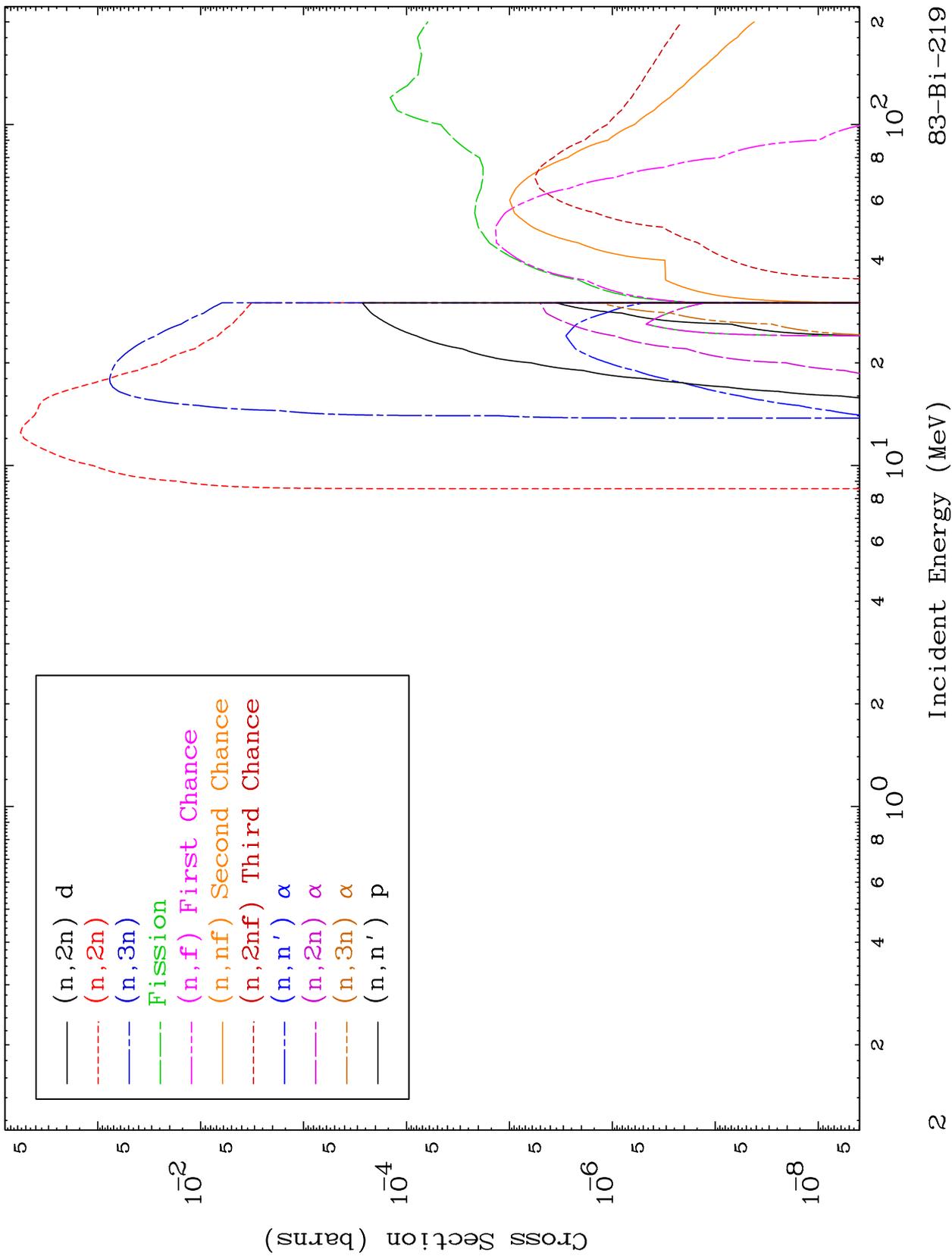
0 Kelvin Cross Sections

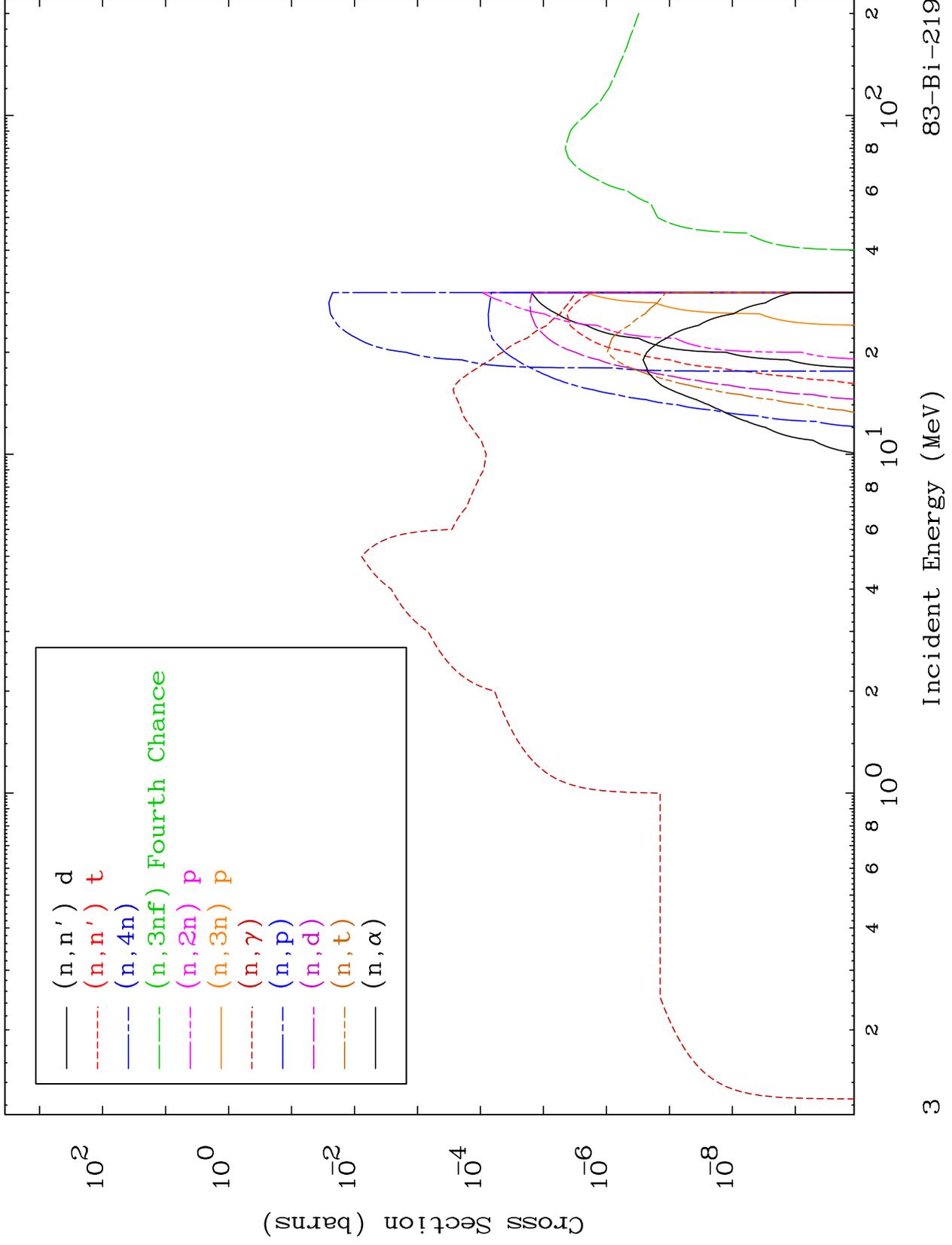


1

Incident Energy (MeV)

83-Bi-219

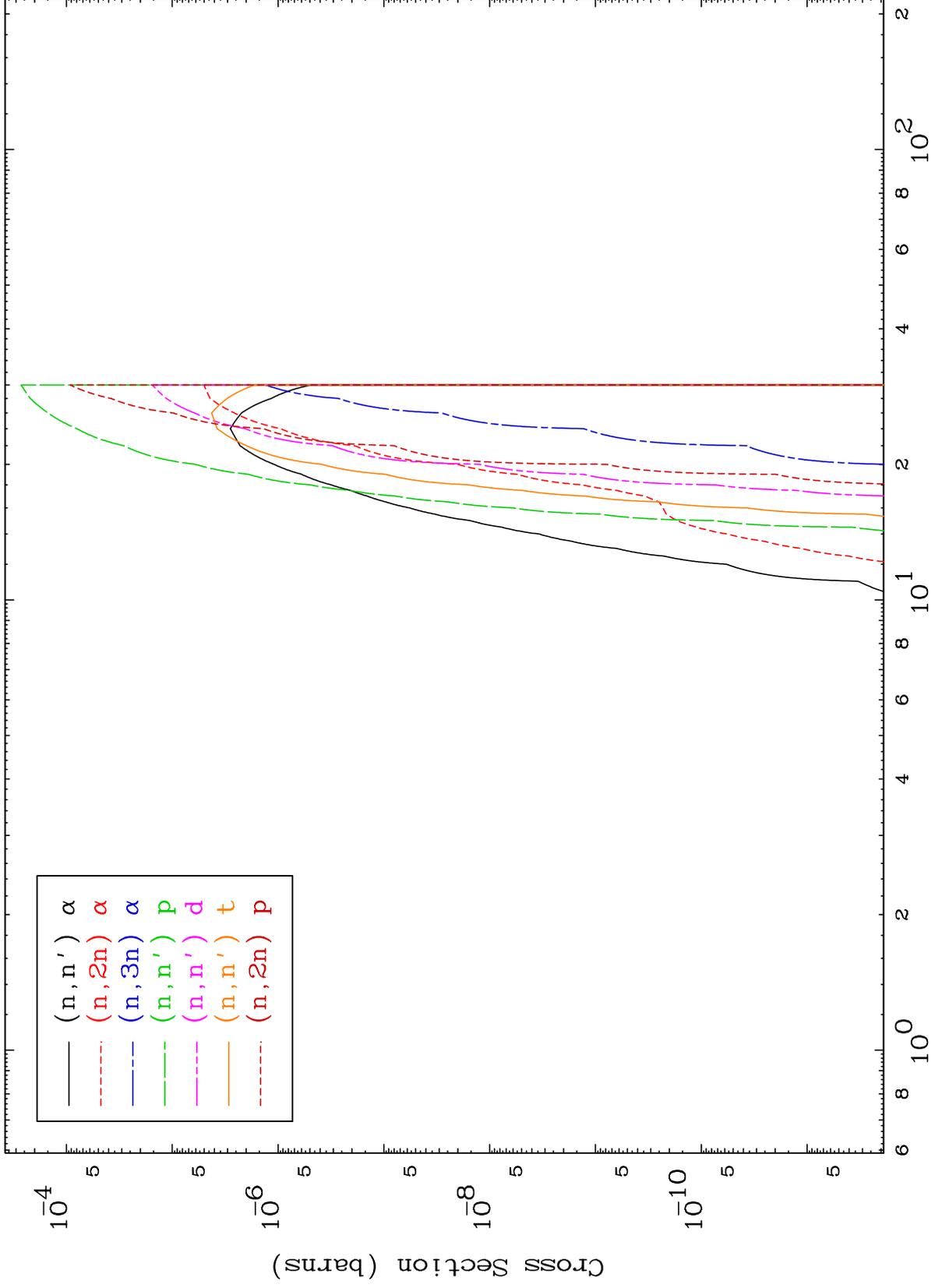




MAT 8355

Photon Charged Particle  
0 Kelvin Cross Sections

83-Bi-219



4

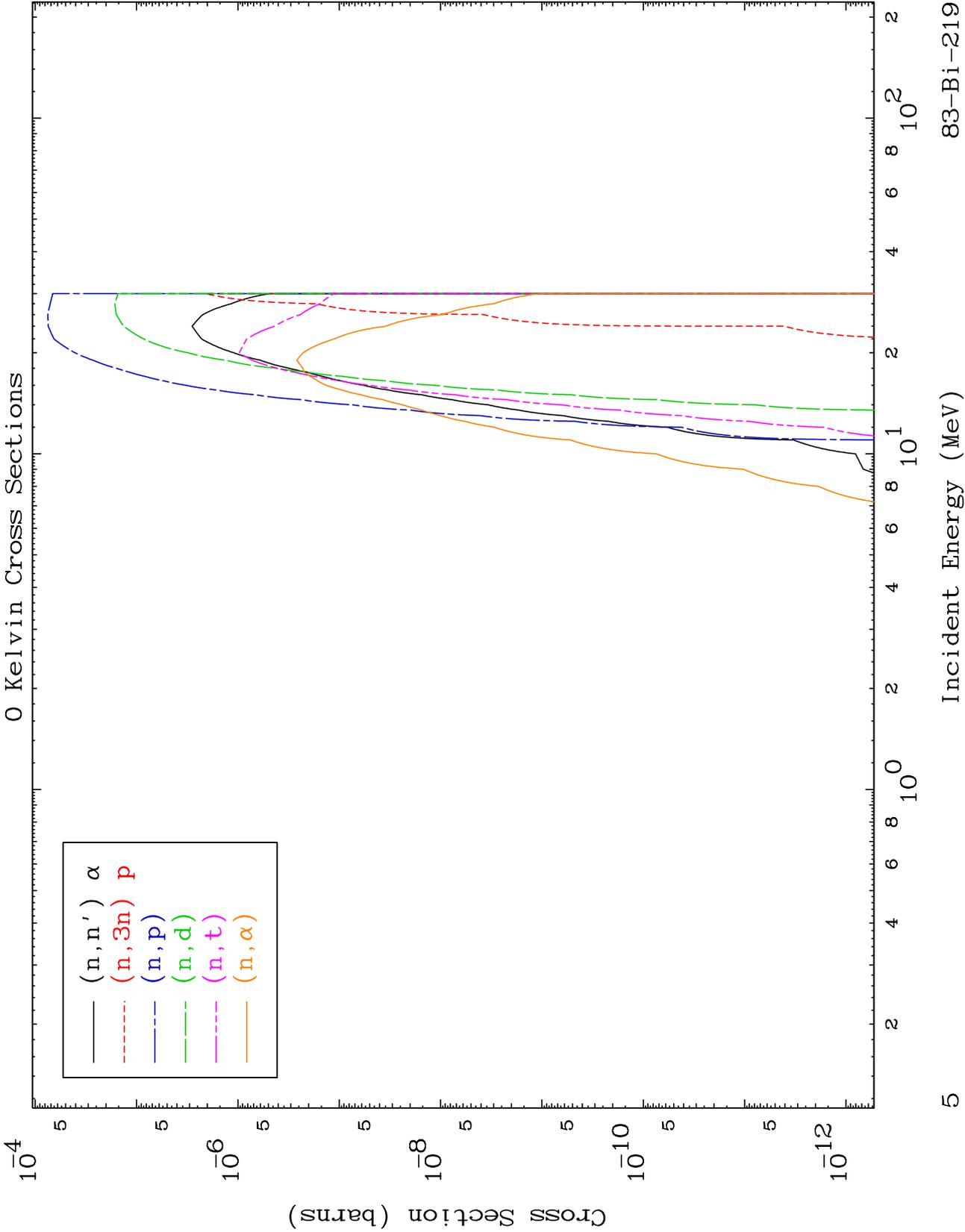
Incident Energy (MeV)

83-Bi-219

MAT 8355

Photon Charged Particle  
0 Kelvin Cross Sections

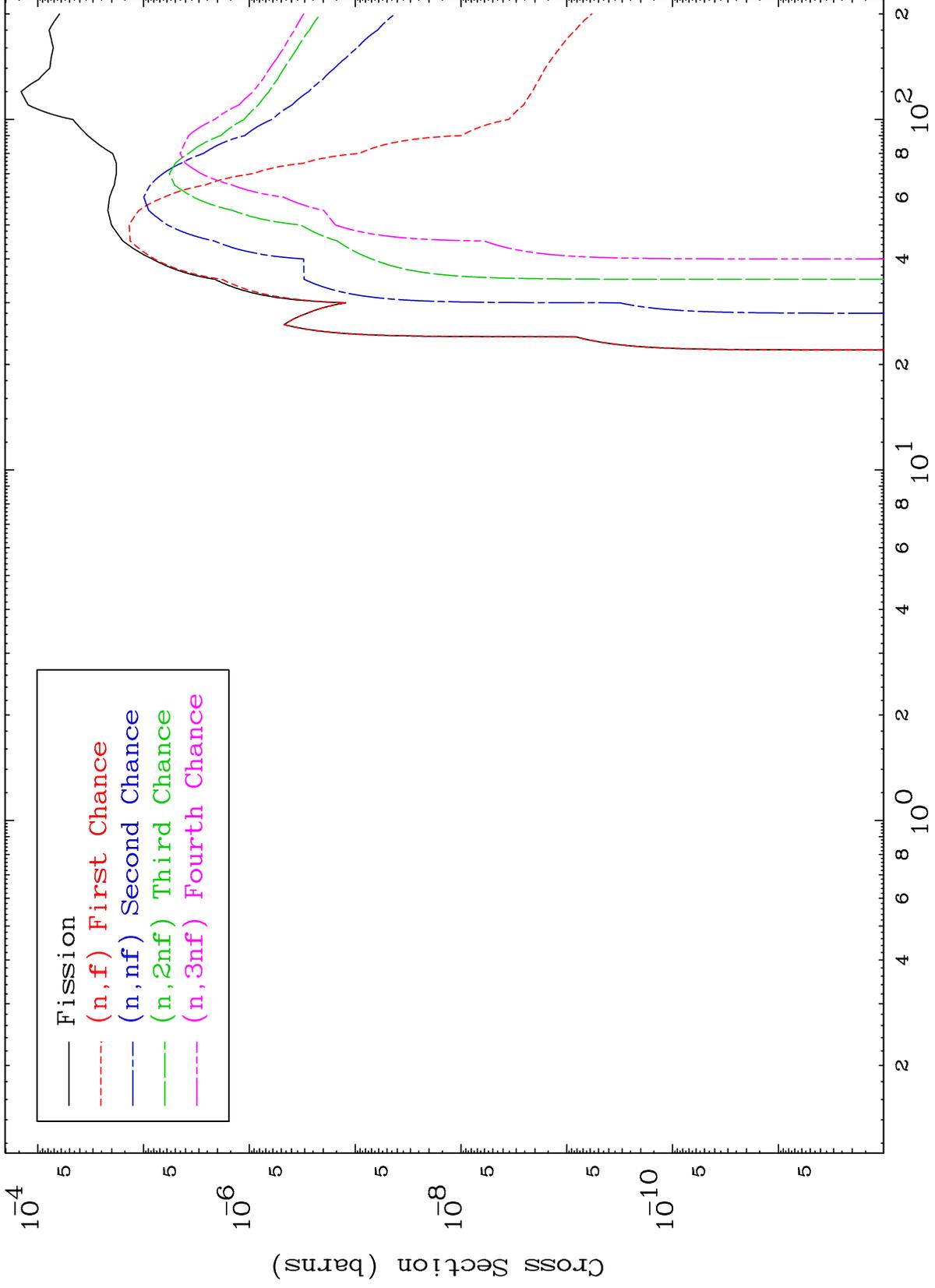
83-Bi-219



MAT 8355

Photon Fission  
0 Kelvin Cross Sections

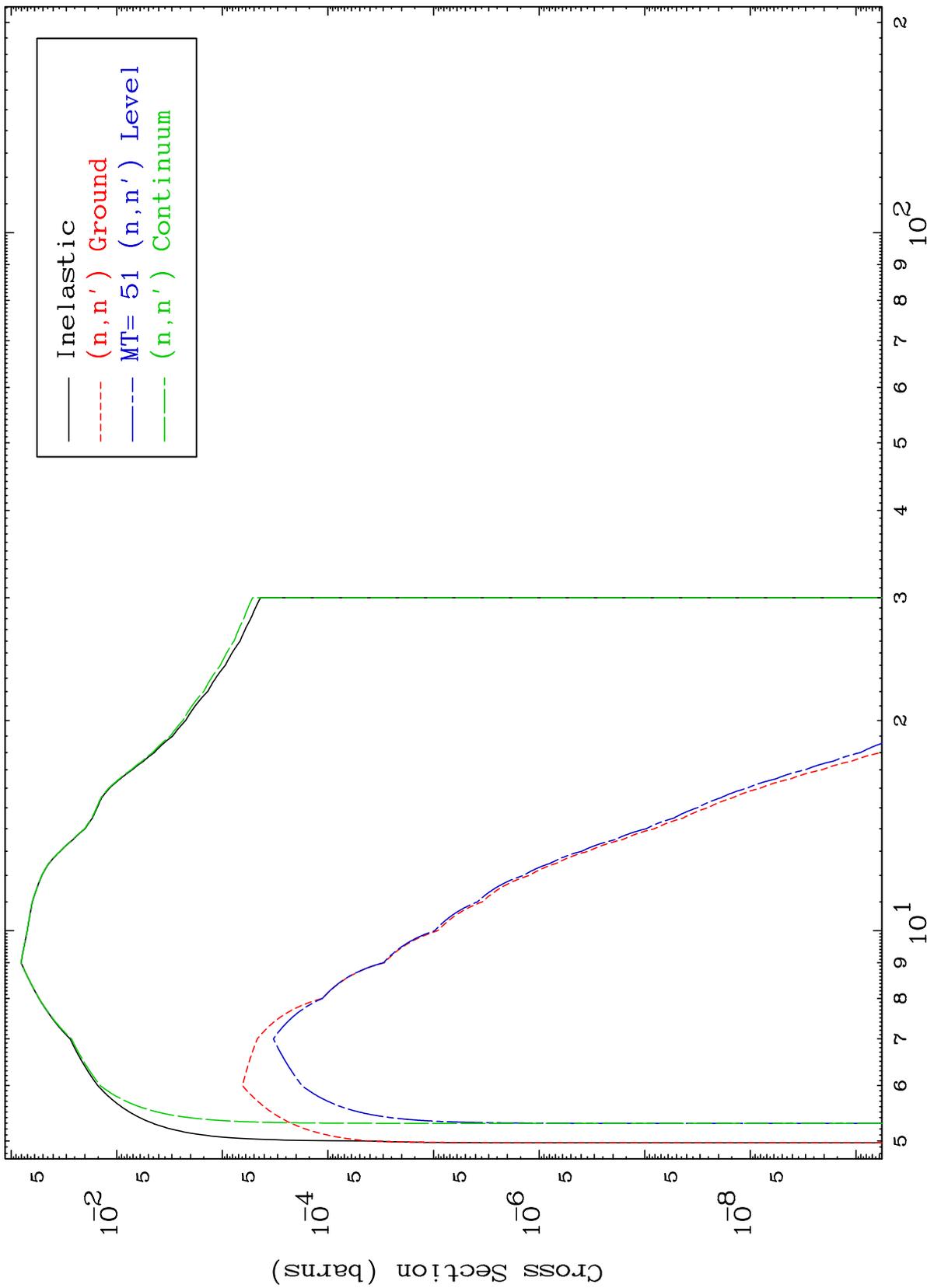
83-Bi-219



MAT 8355

83-Bi-219

( $\gamma, n'$ ) Levels  
0 Kelvin Cross Sections



83-Bi-219

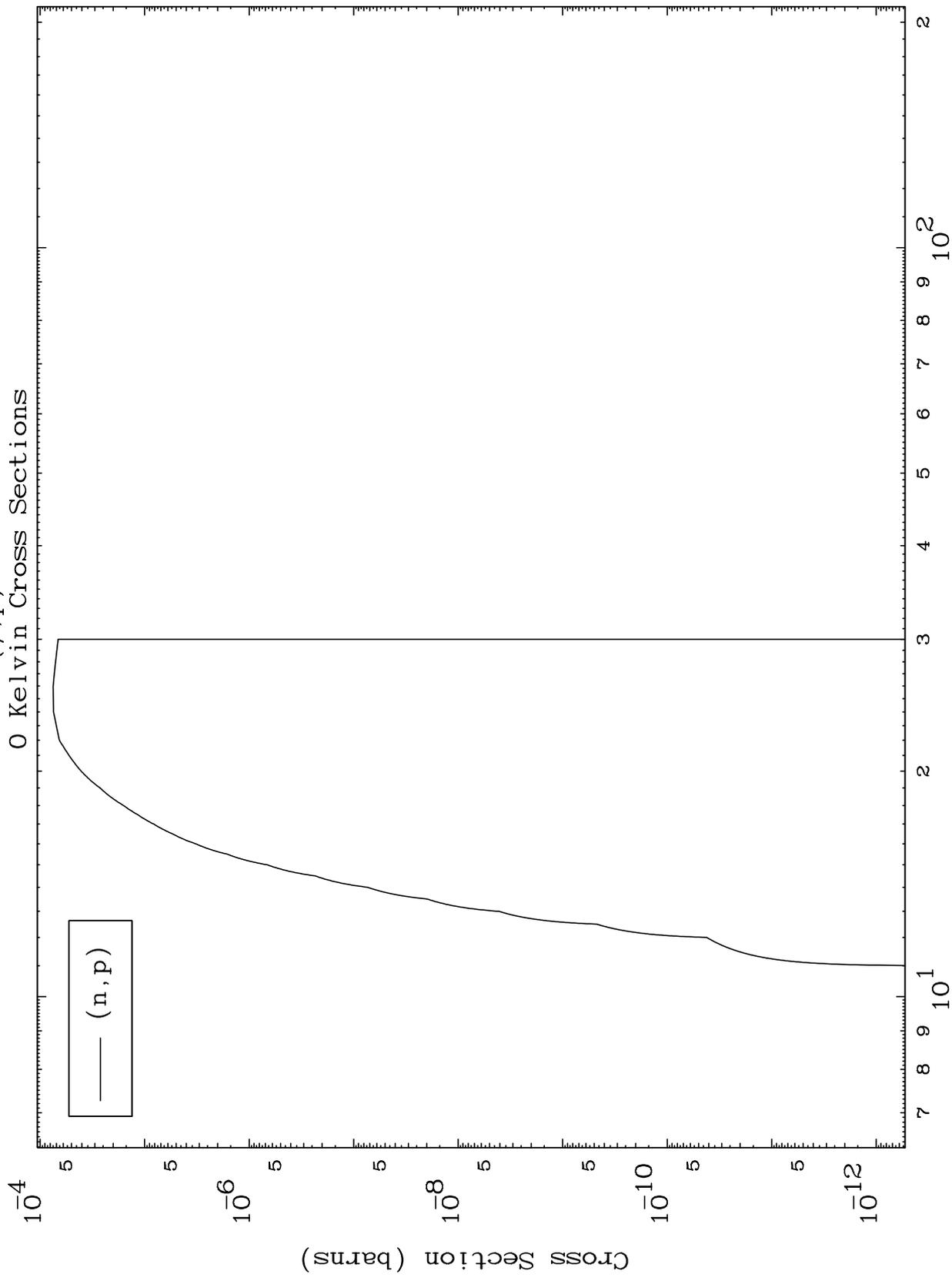
Incident Energy (MeV)

7

MAT 8355

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

83-Bi-219



8

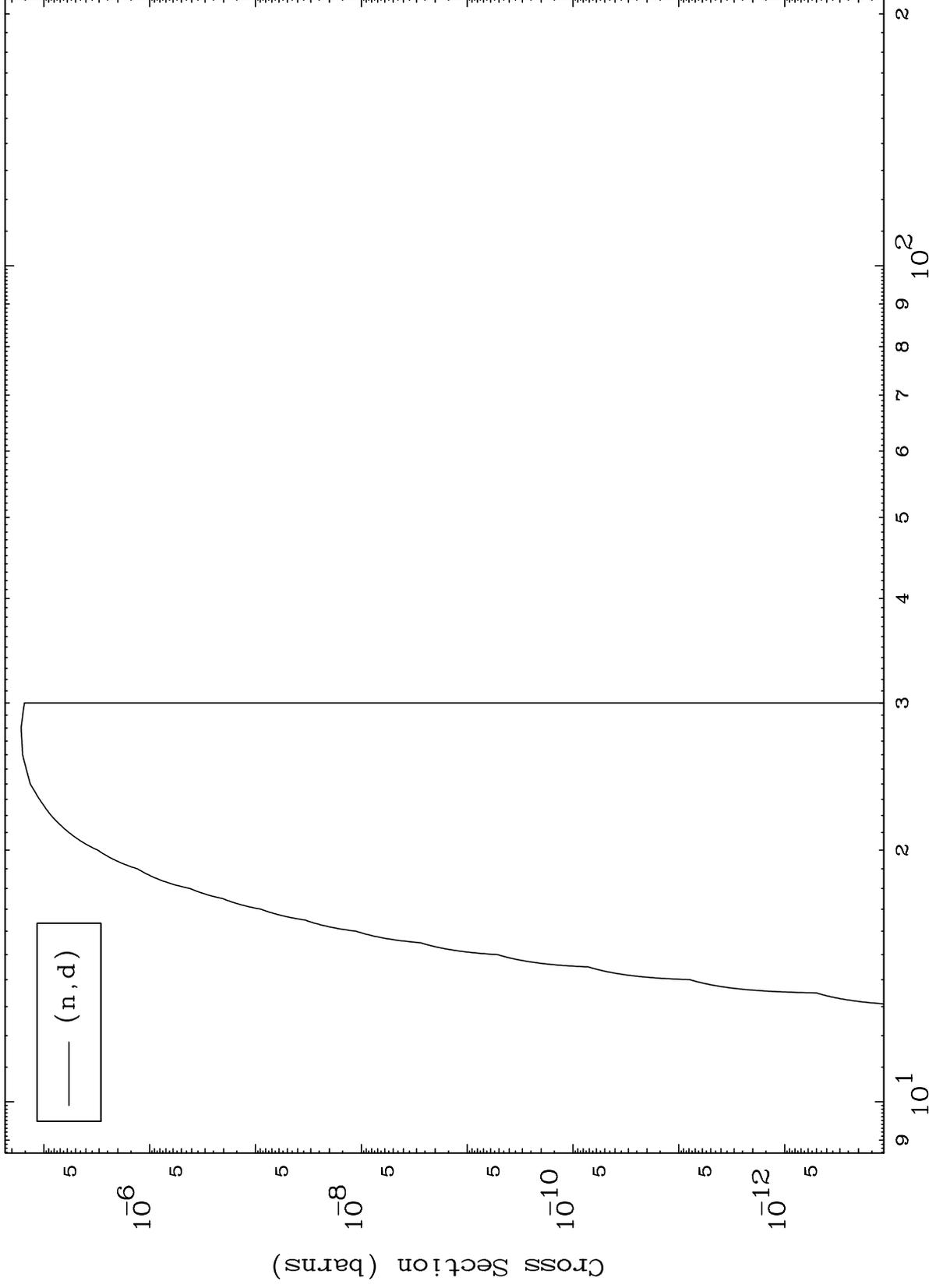
Incident Energy (MeV)

83-Bi-219

MAT 8355

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

83-Bi-219



9

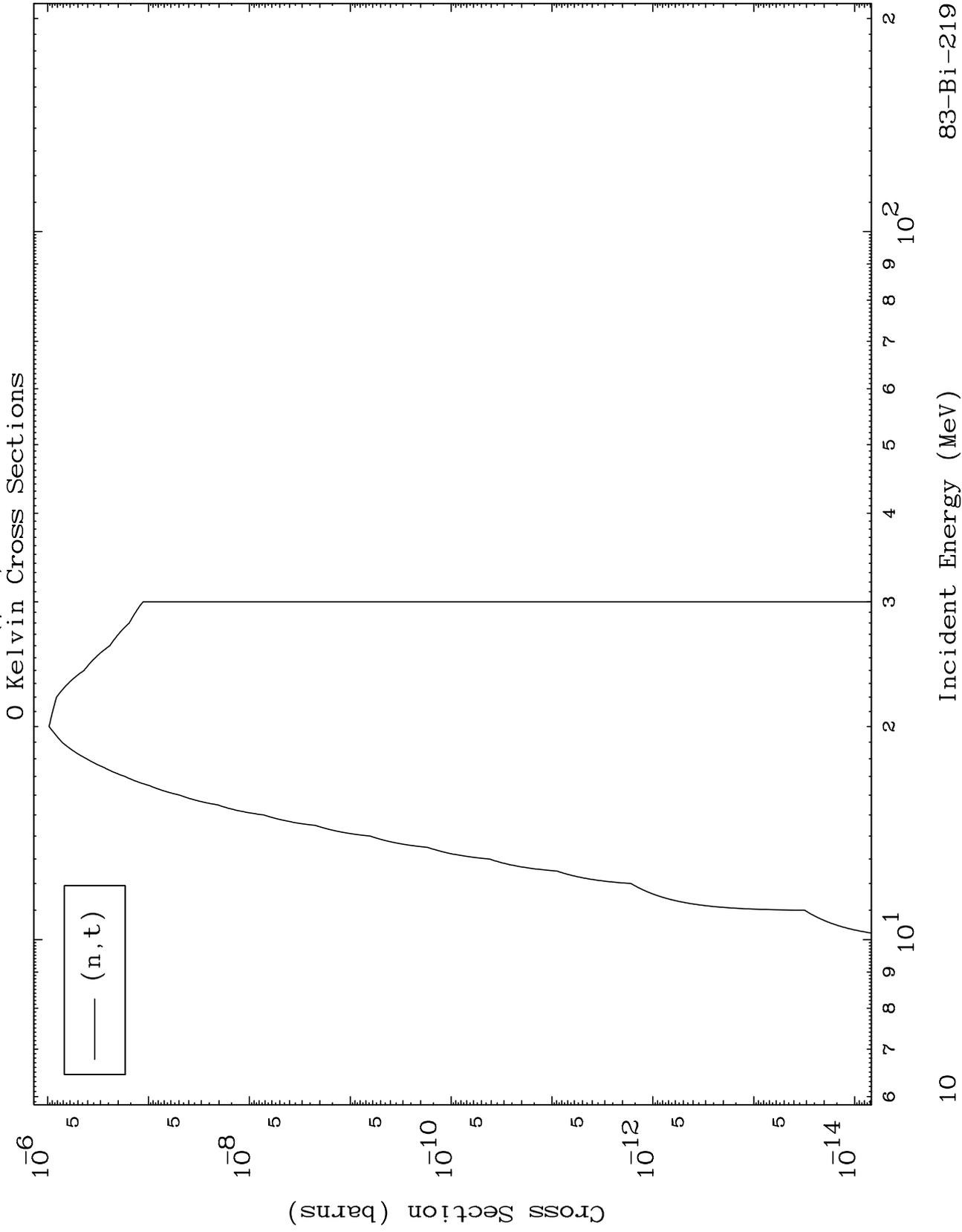
Incident Energy (MeV)

83-Bi-219

MAT 8355

( $\gamma, t$ ) Levels

83-Bi-219

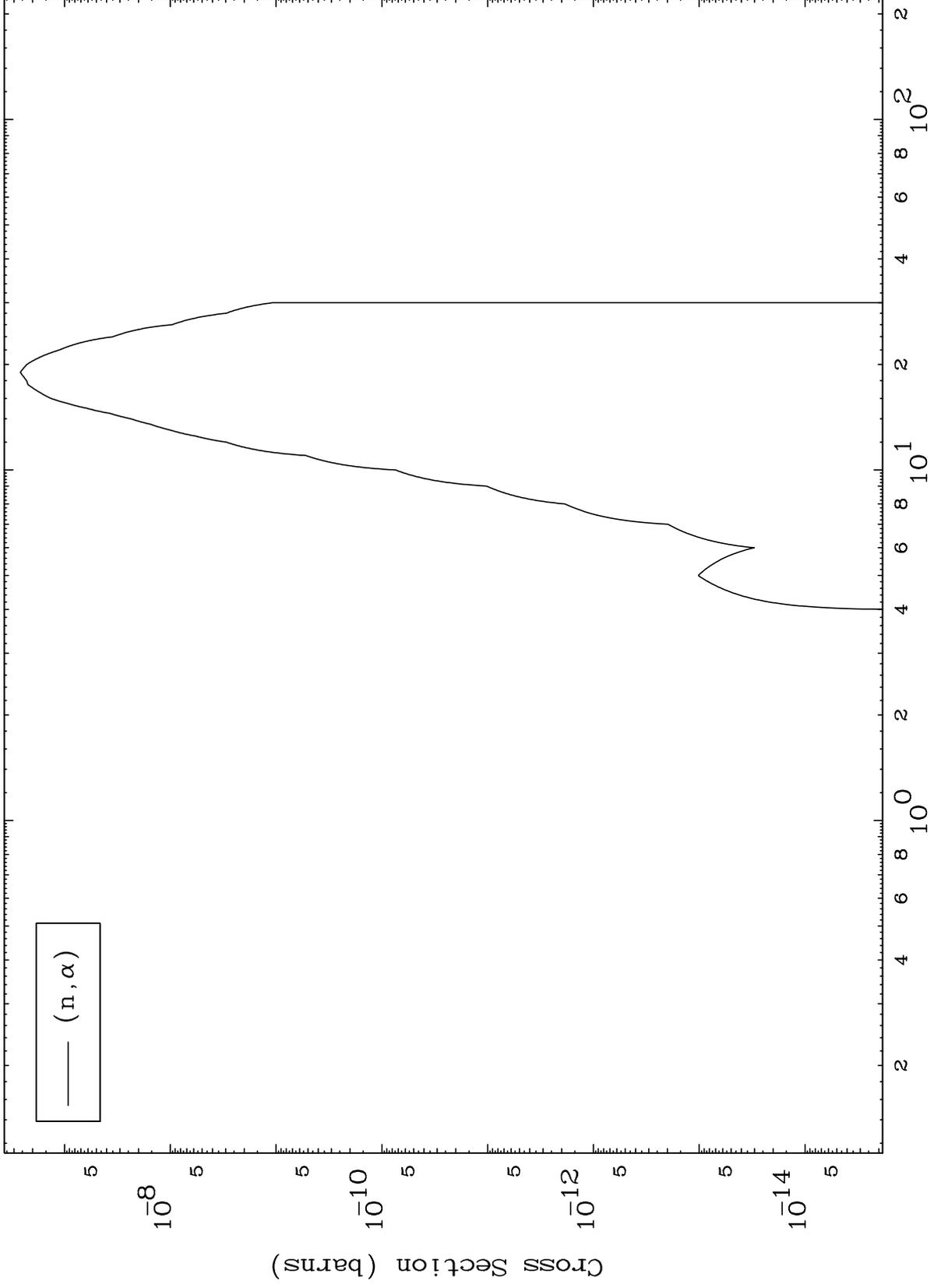


MAT 8355

( $\gamma, \alpha$ ) Levels

83-Bi-219

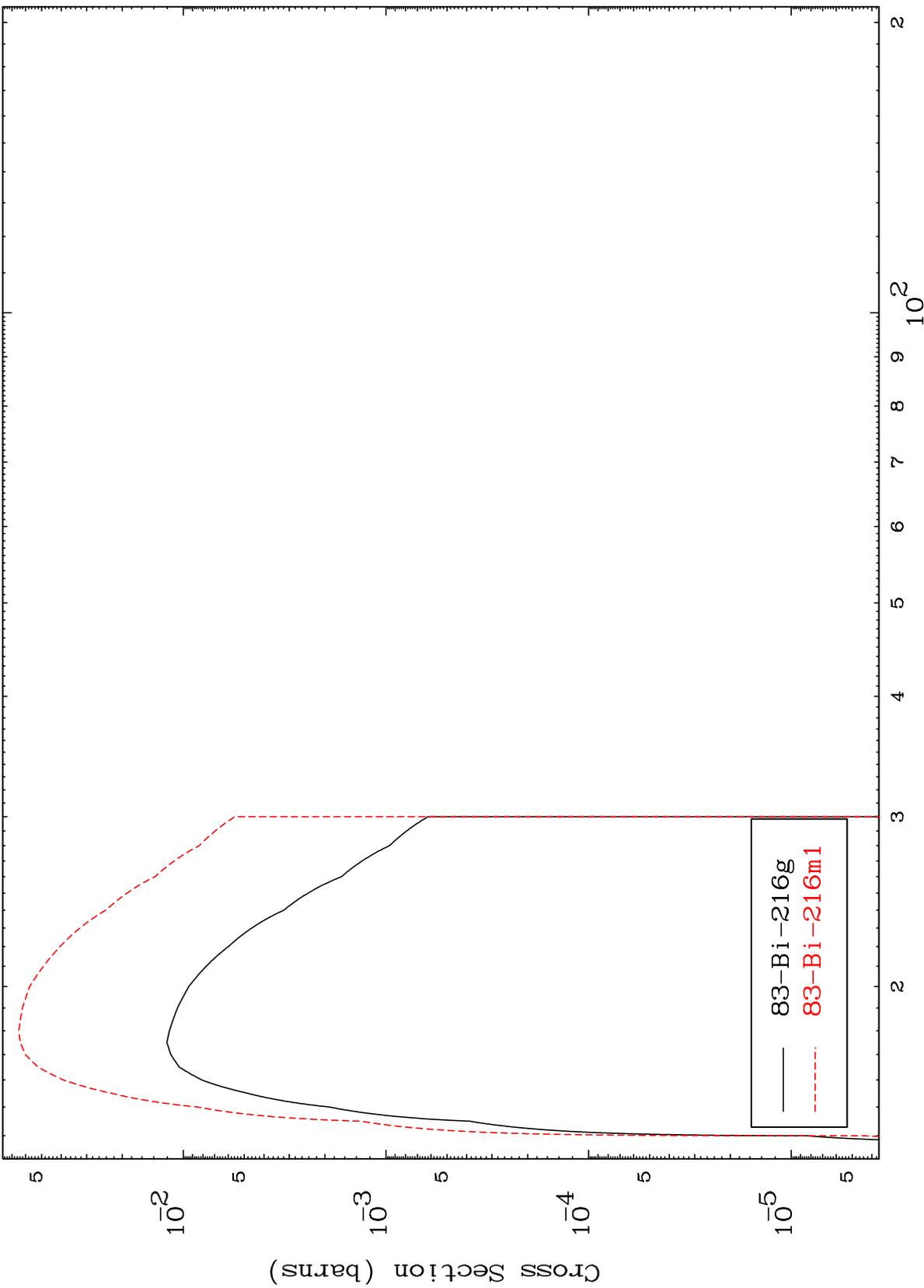
0 Kelvin Cross Sections



MAT 8355

83-Bi-219

(n,3n)  
Radionuclide Production Cross Section



12

Incident Energy (MeV)

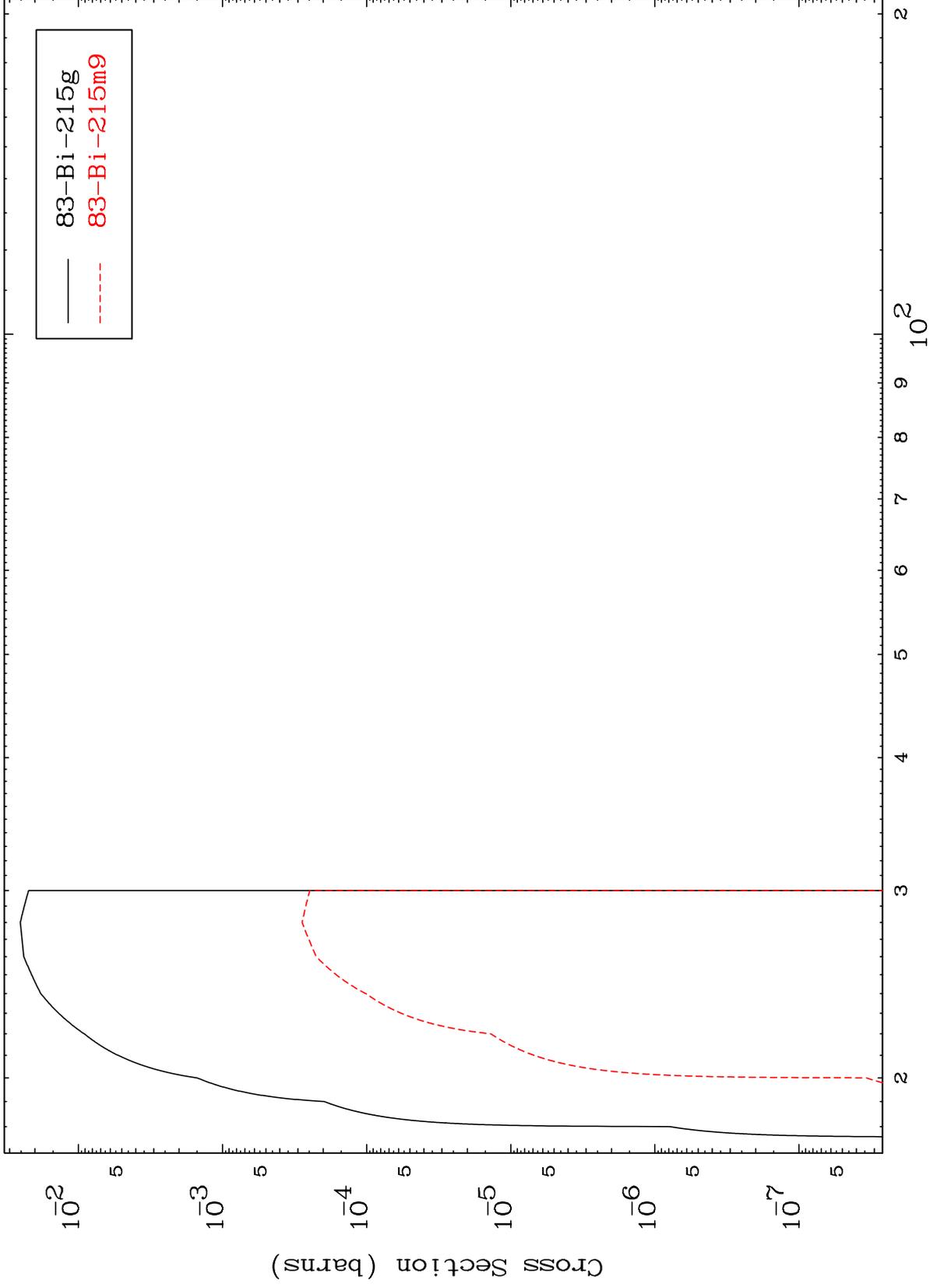
83-Bi-219

MAT 8355

(n,4n)

83-Bi-219

Radionuclide Production Cross Section



13

Incident Energy (MeV)

83-Bi-219