

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

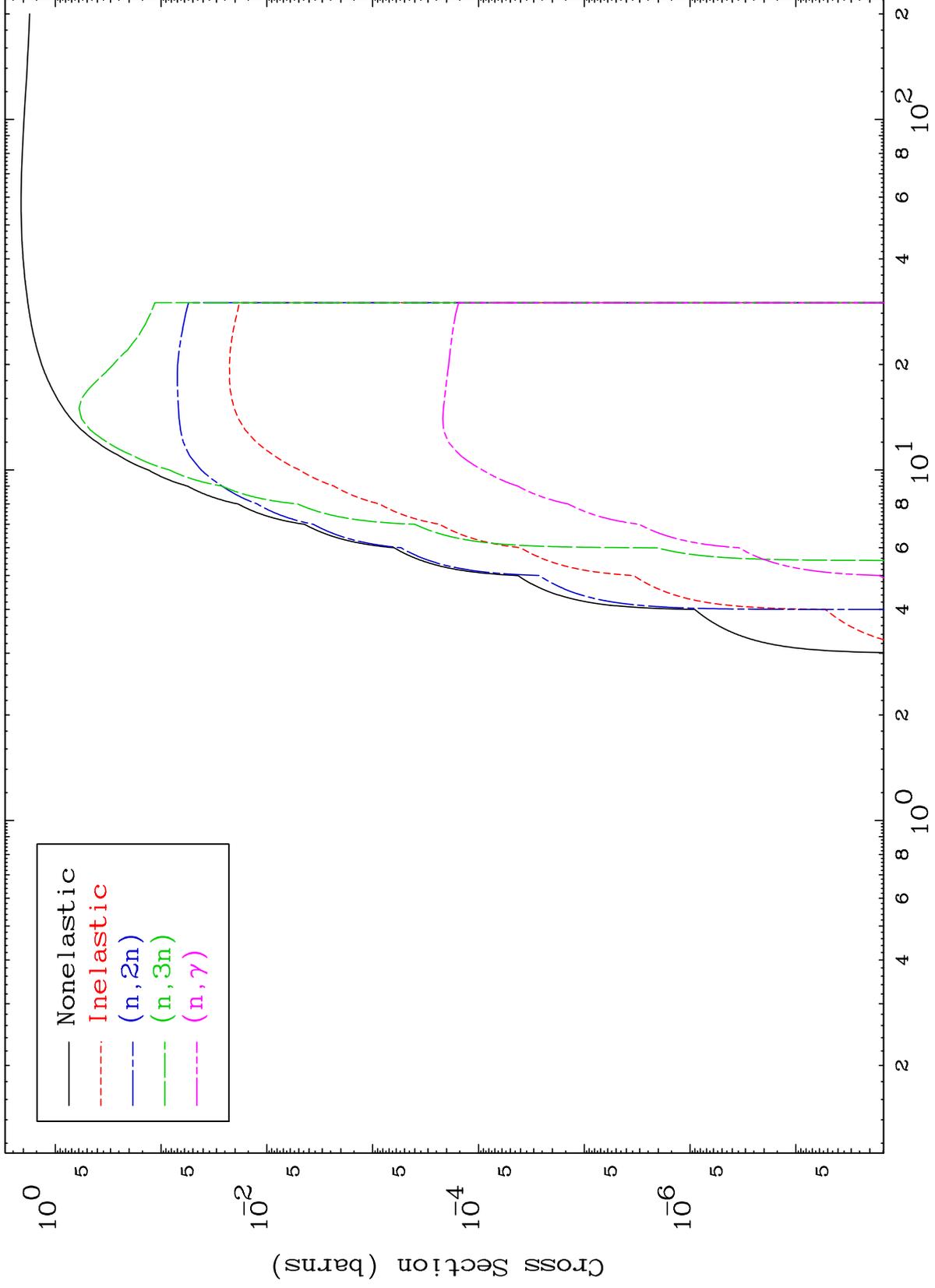
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U.S.A.

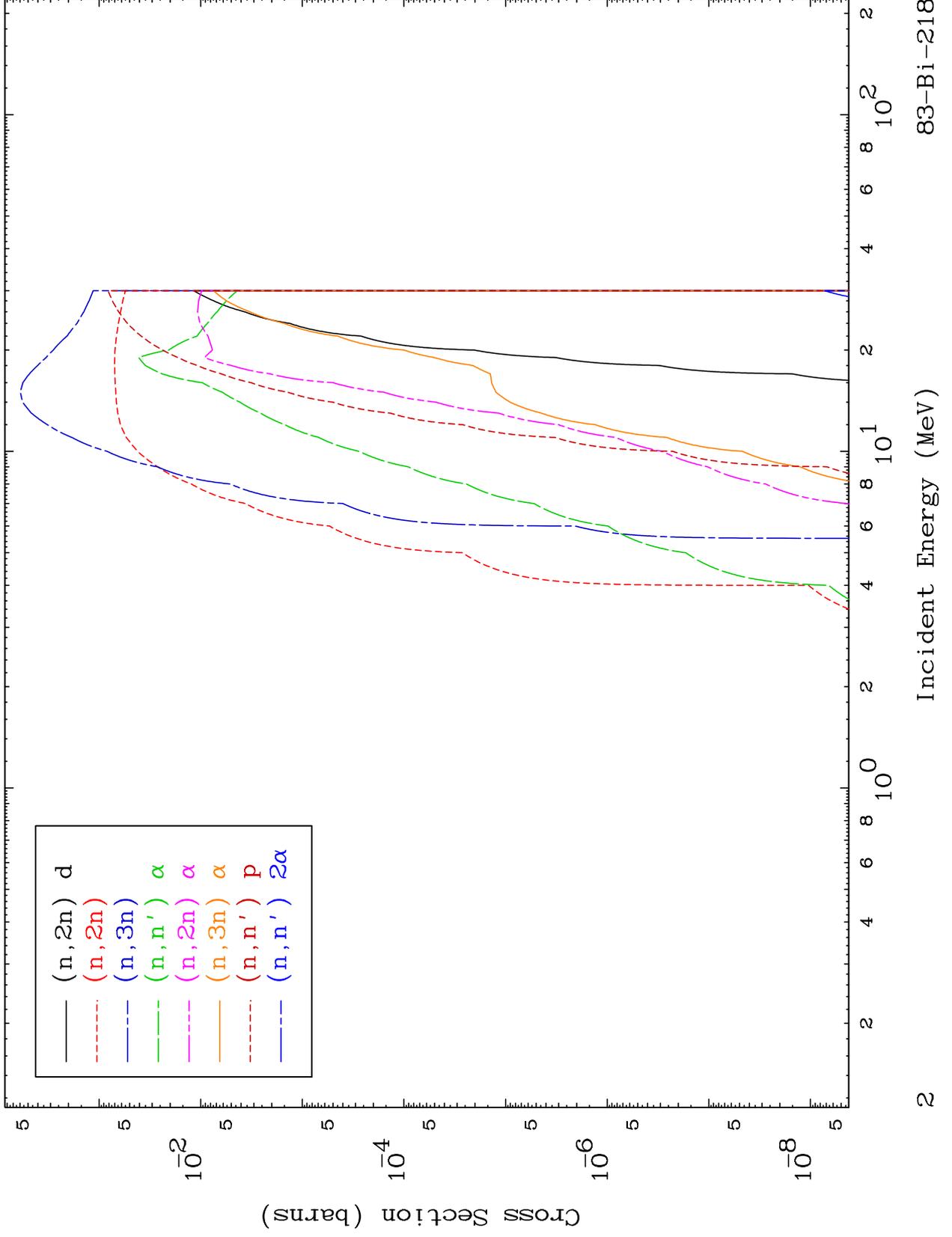
Tele: 925-443-1911

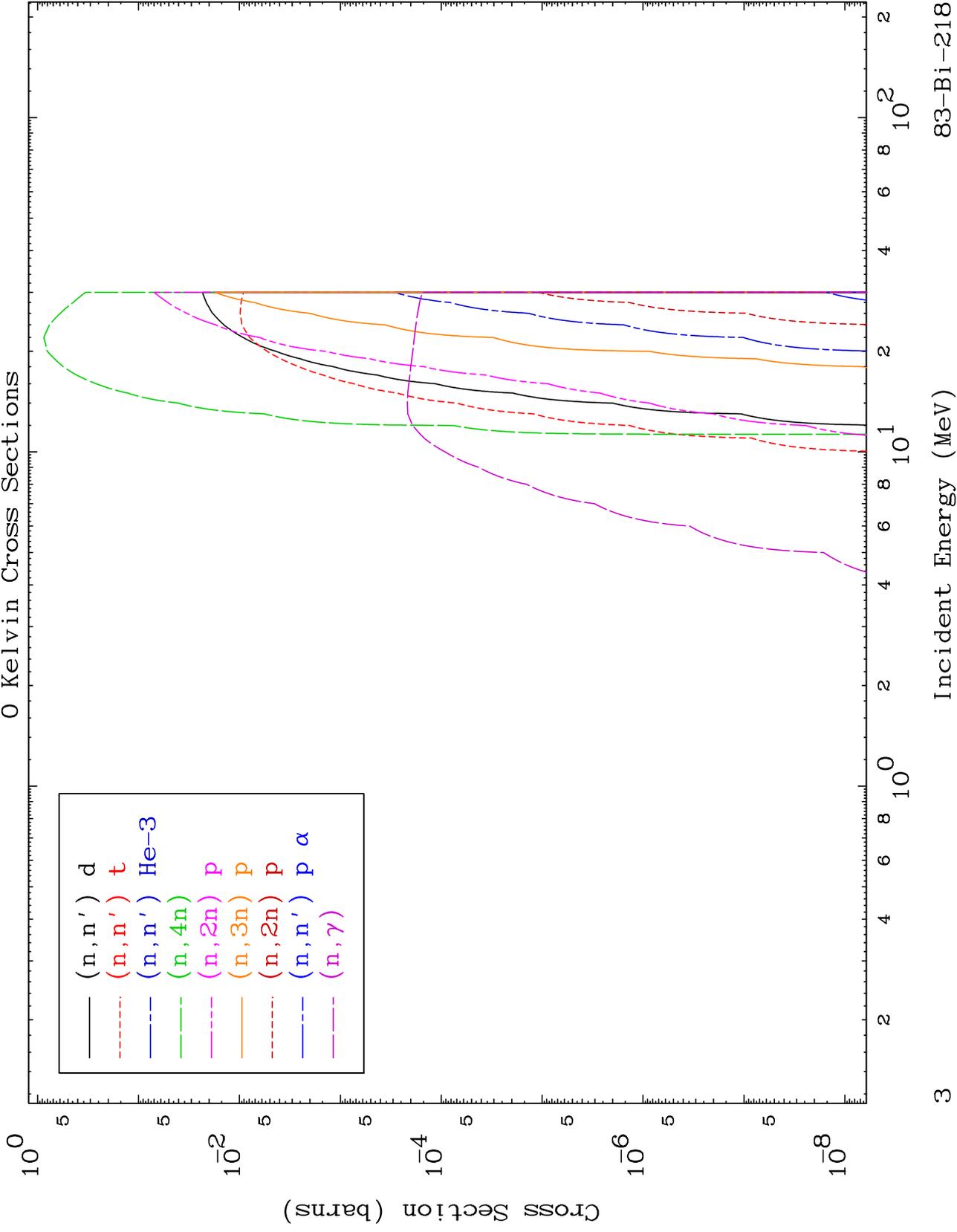
E.Mail:redcullen1@comcast.net

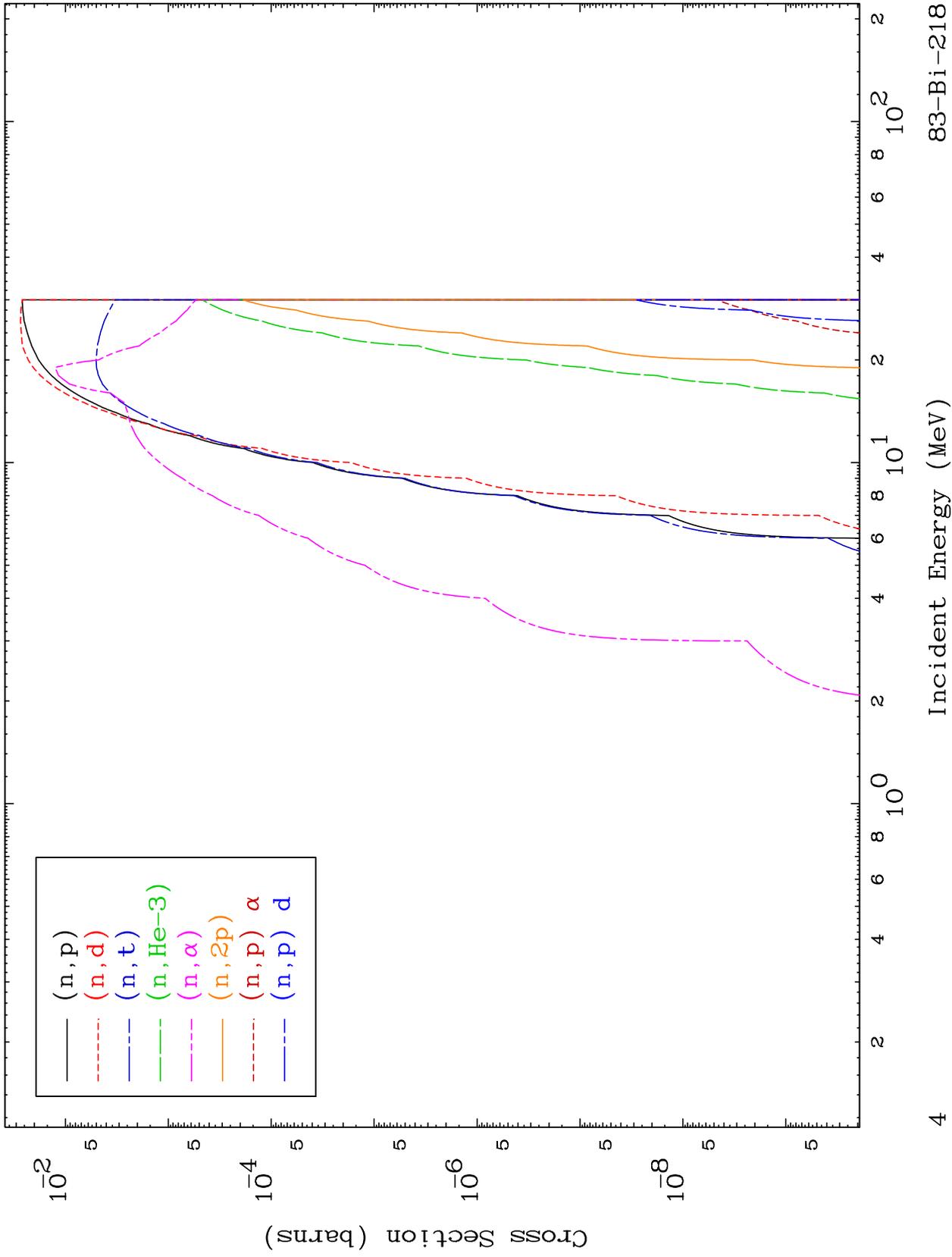
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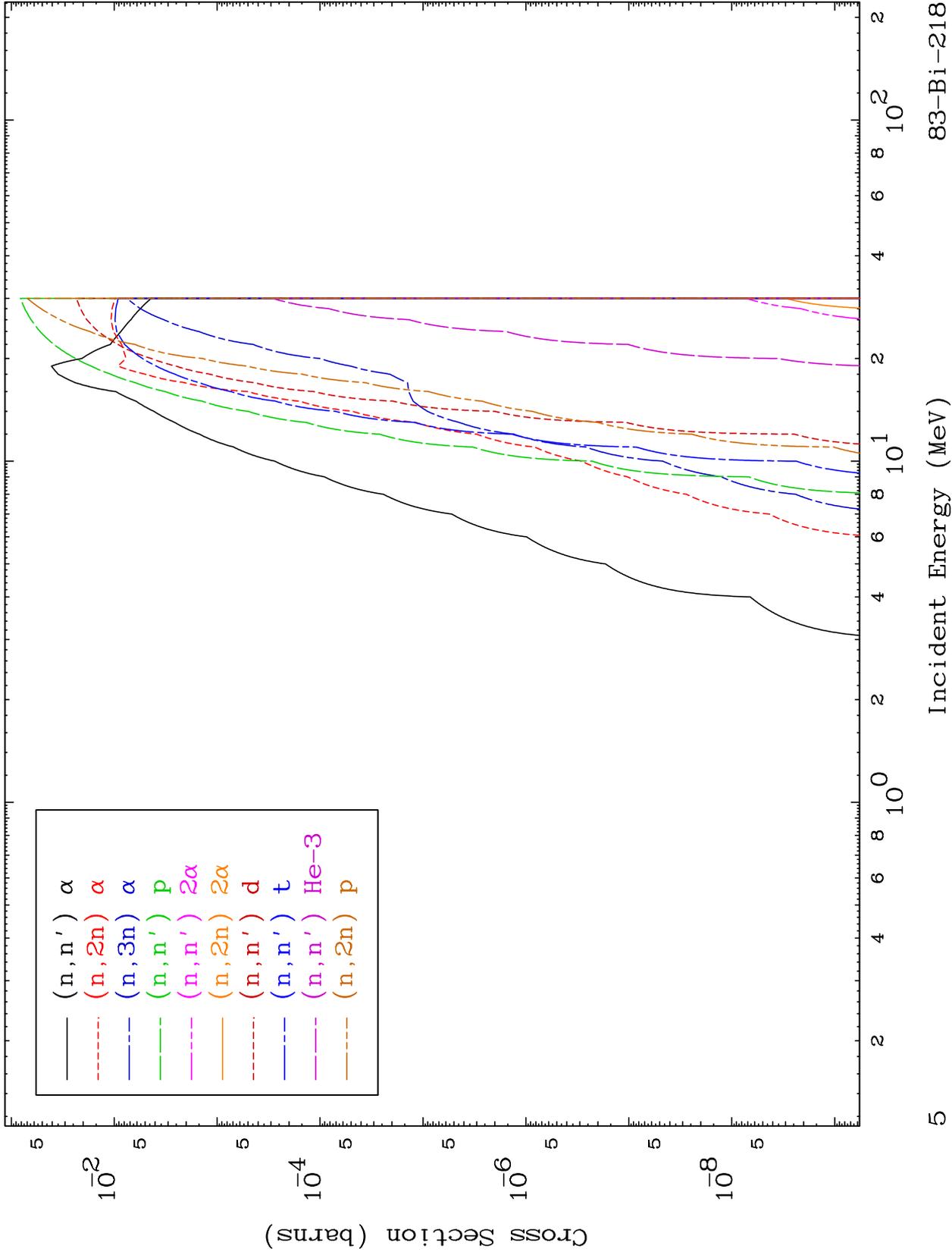
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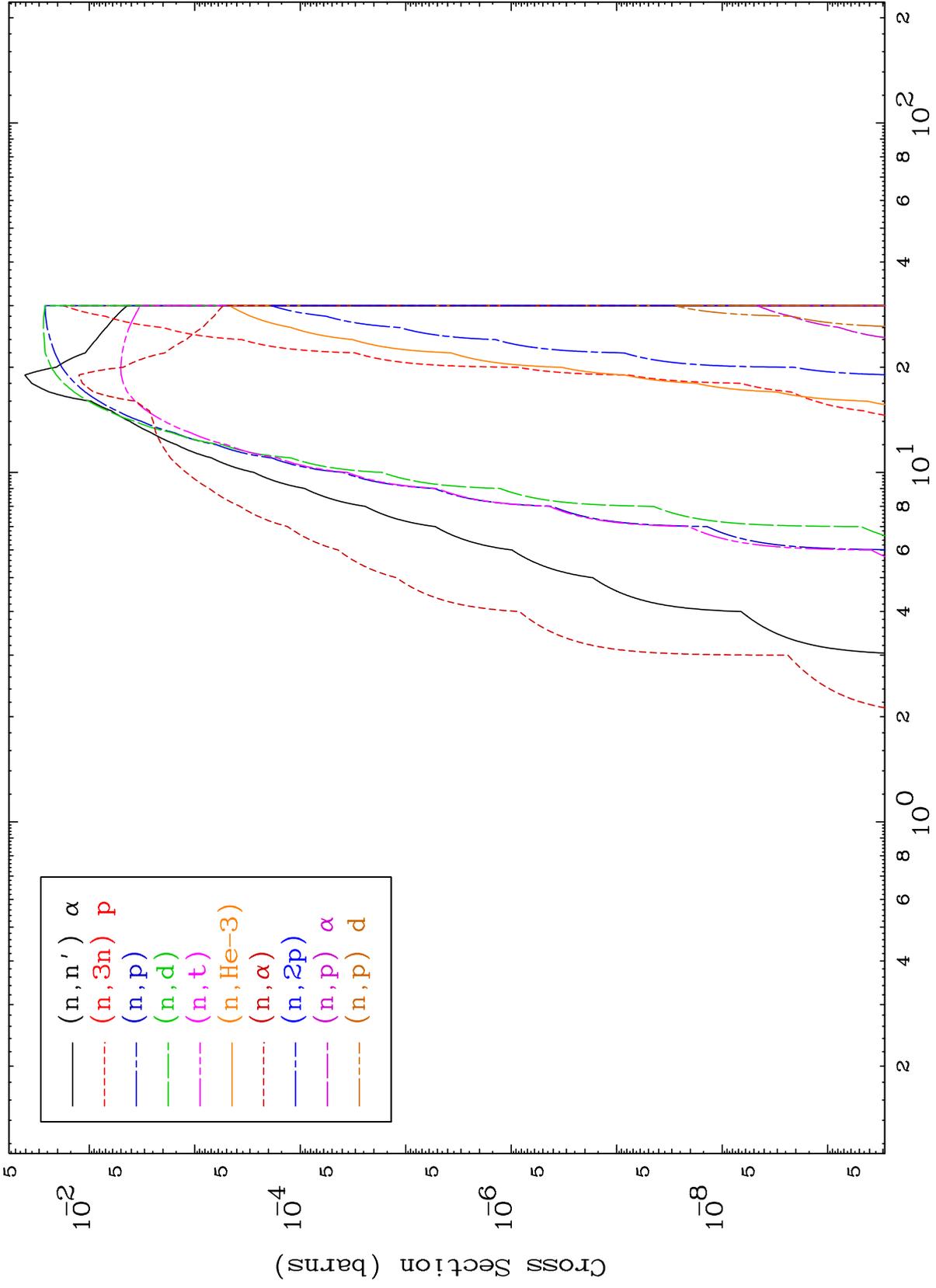








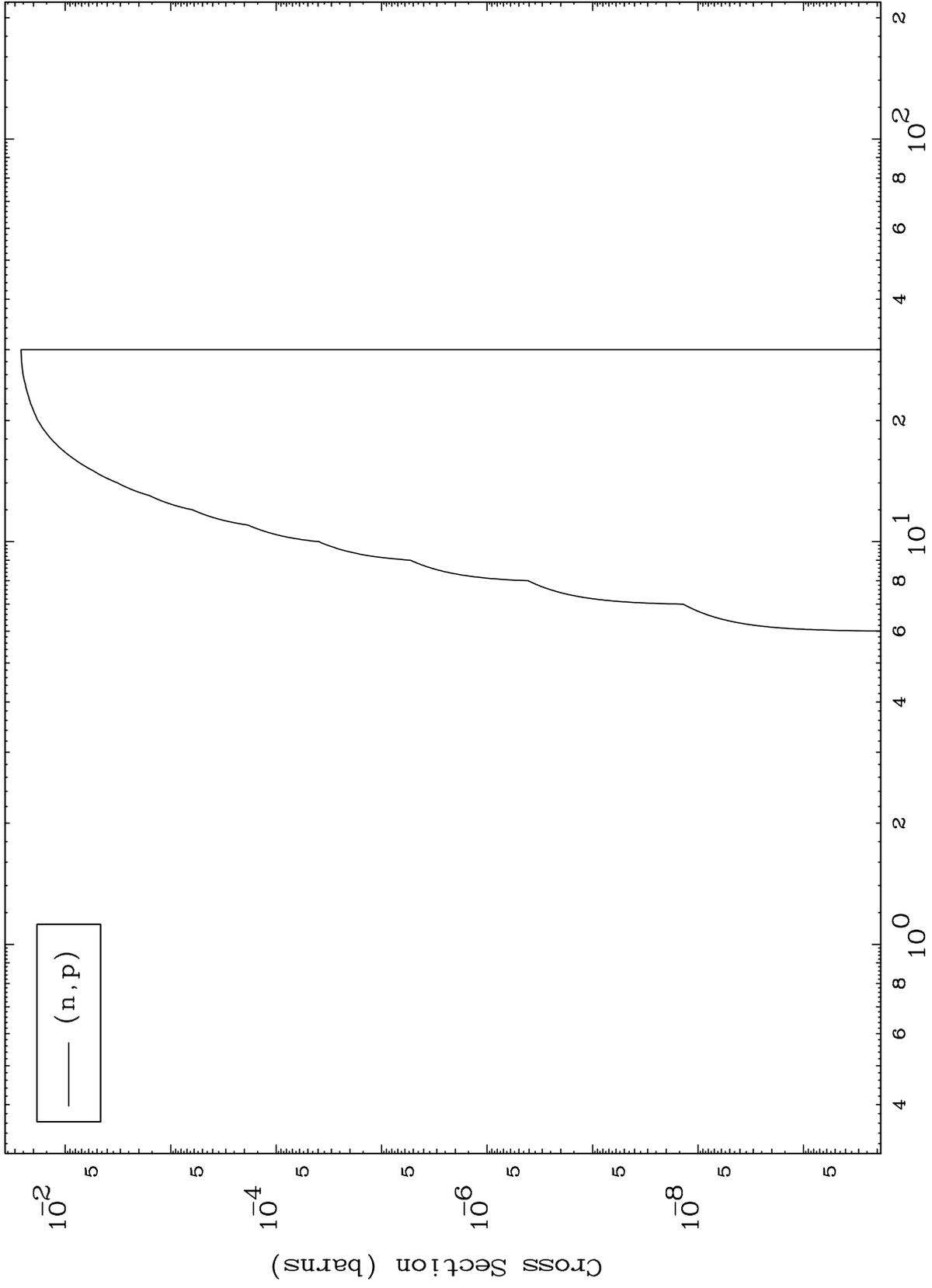




MAT 8352

(p,p) Levels  
0 Kelvin Cross Sections

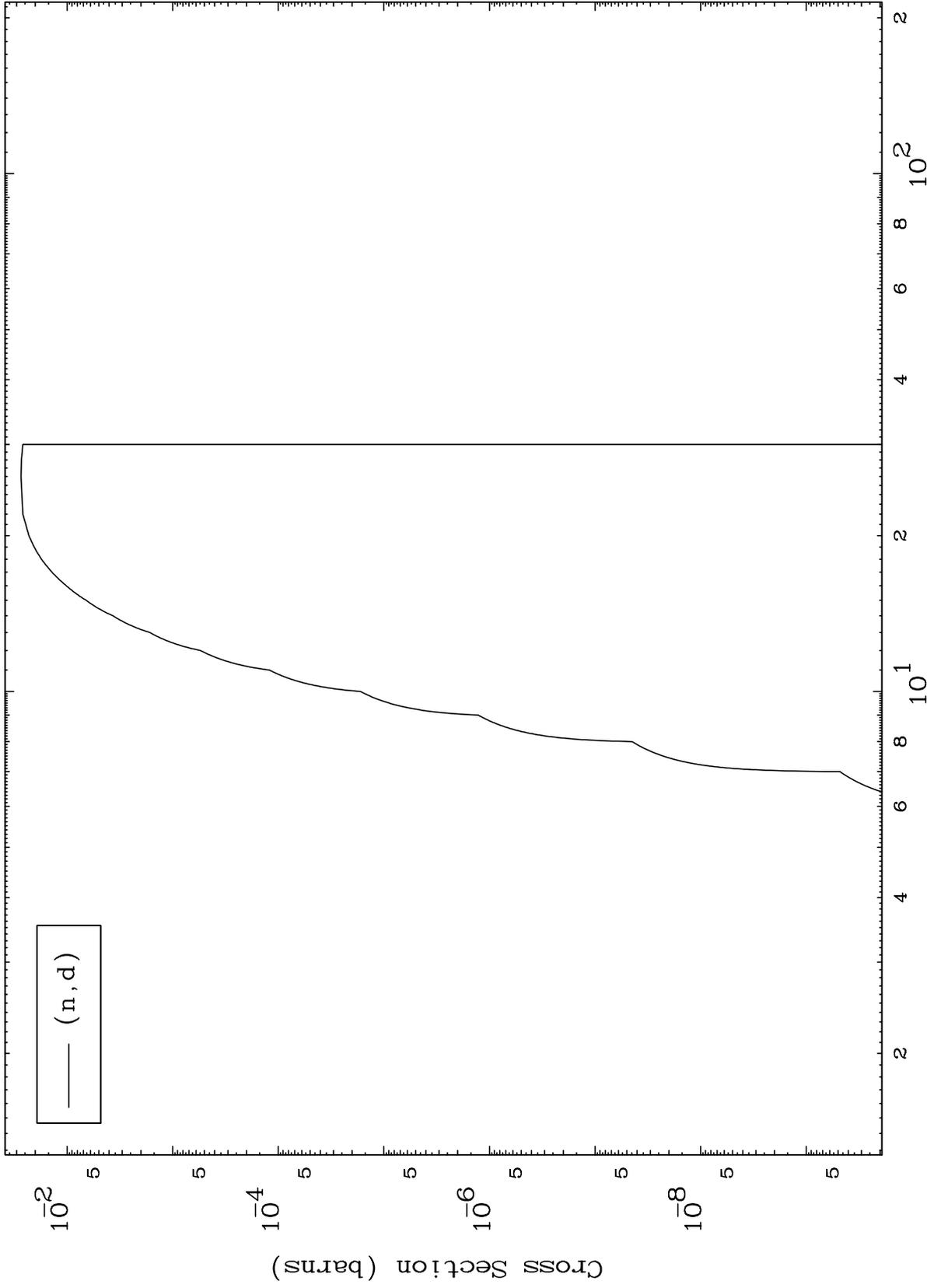
83-Bi-218



MAT 8352

83-Bi-218

(p,d) Levels  
0 Kelvin Cross Sections



8

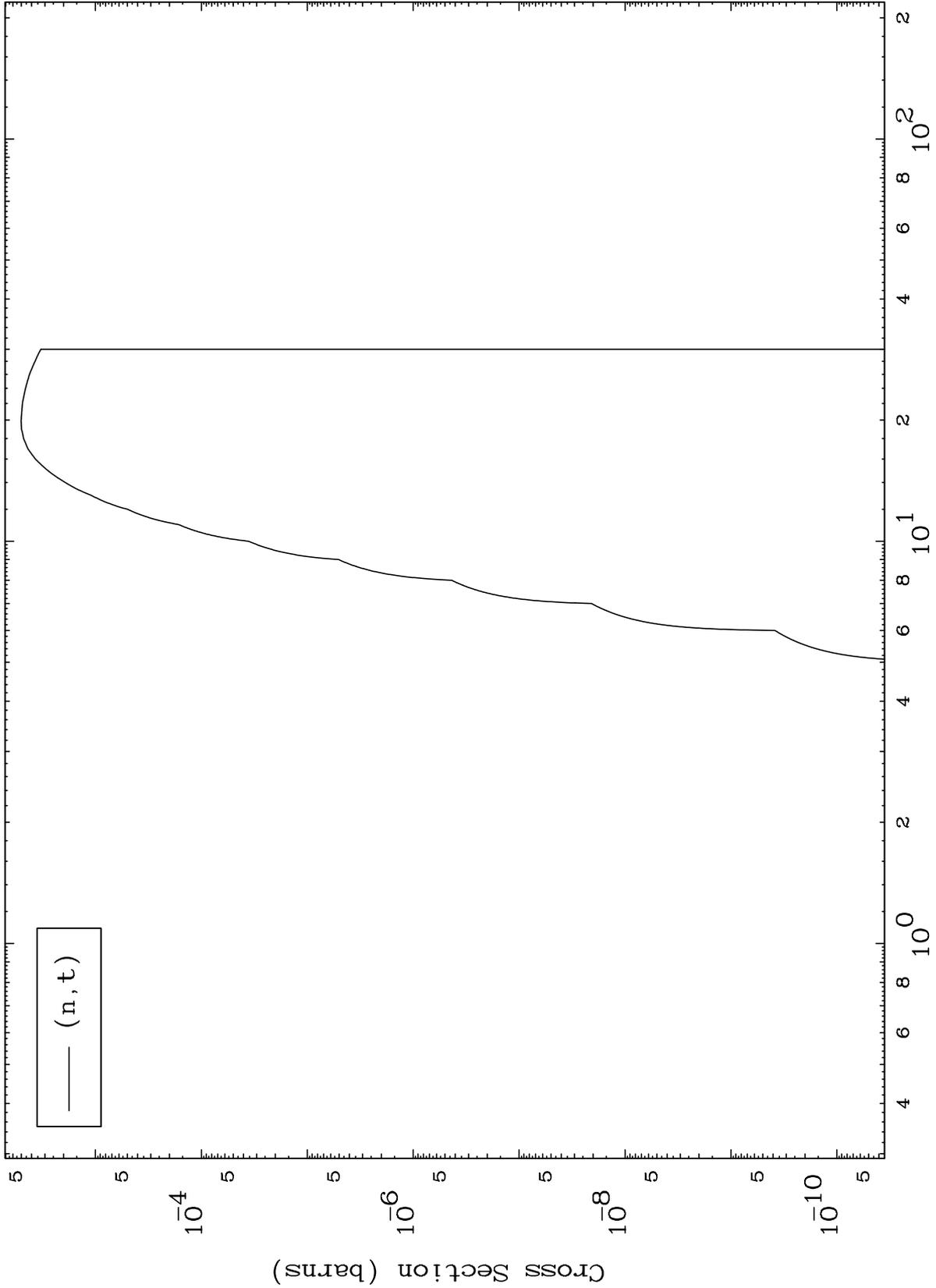
83-Bi-218

MAT 8352

(p, t) Levels

83-Bi-218

0 Kelvin Cross Sections



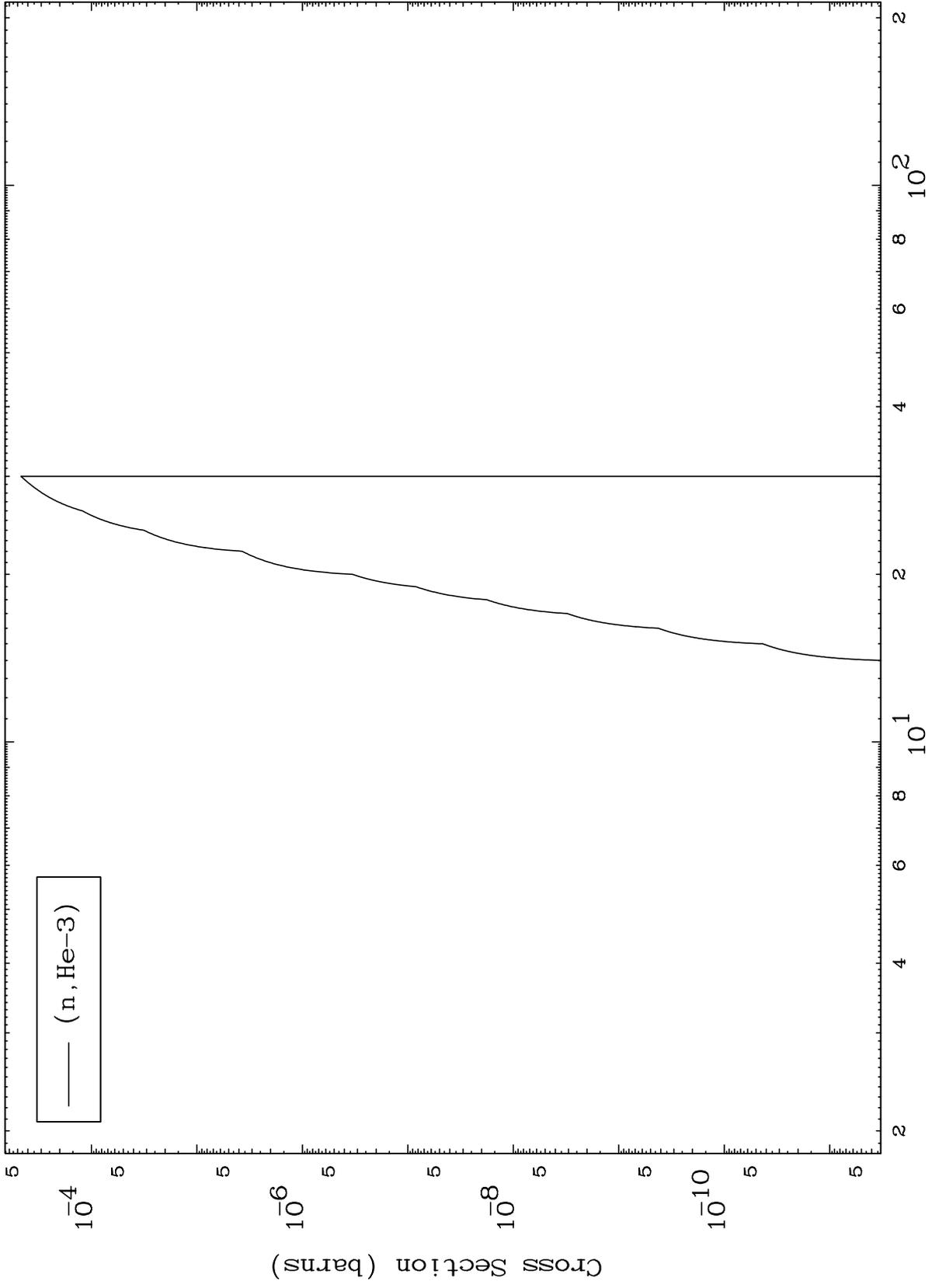
(n, t)

MAT 8352

(p,He3) Levels

83-Bi-218

0 Kelvin Cross Sections



10

Incident Energy (MeV)

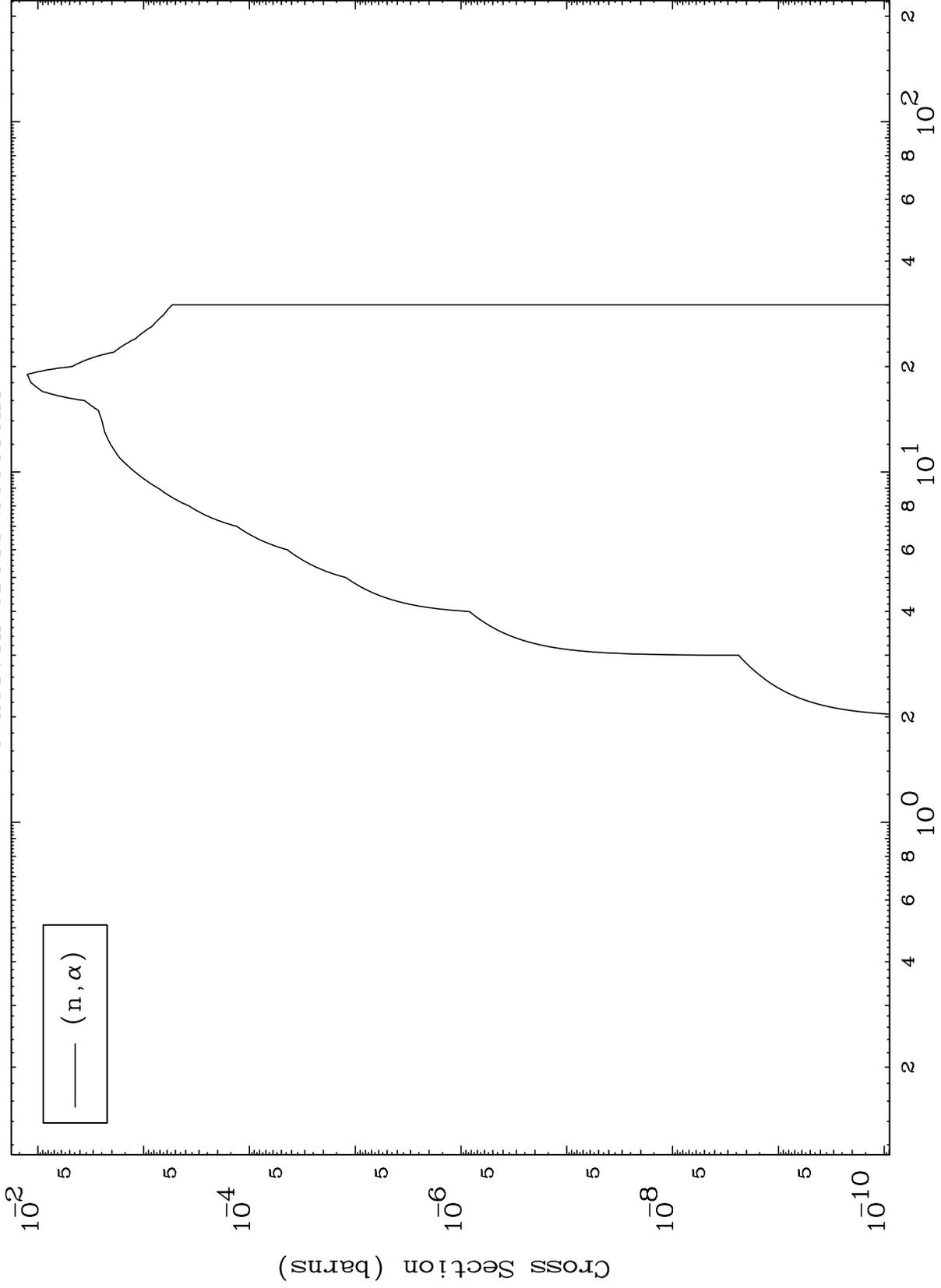
83-Bi-218

MAT 8352

(p,  $\alpha$ ) Levels

83-Bi-218

0 Kelvin Cross Sections



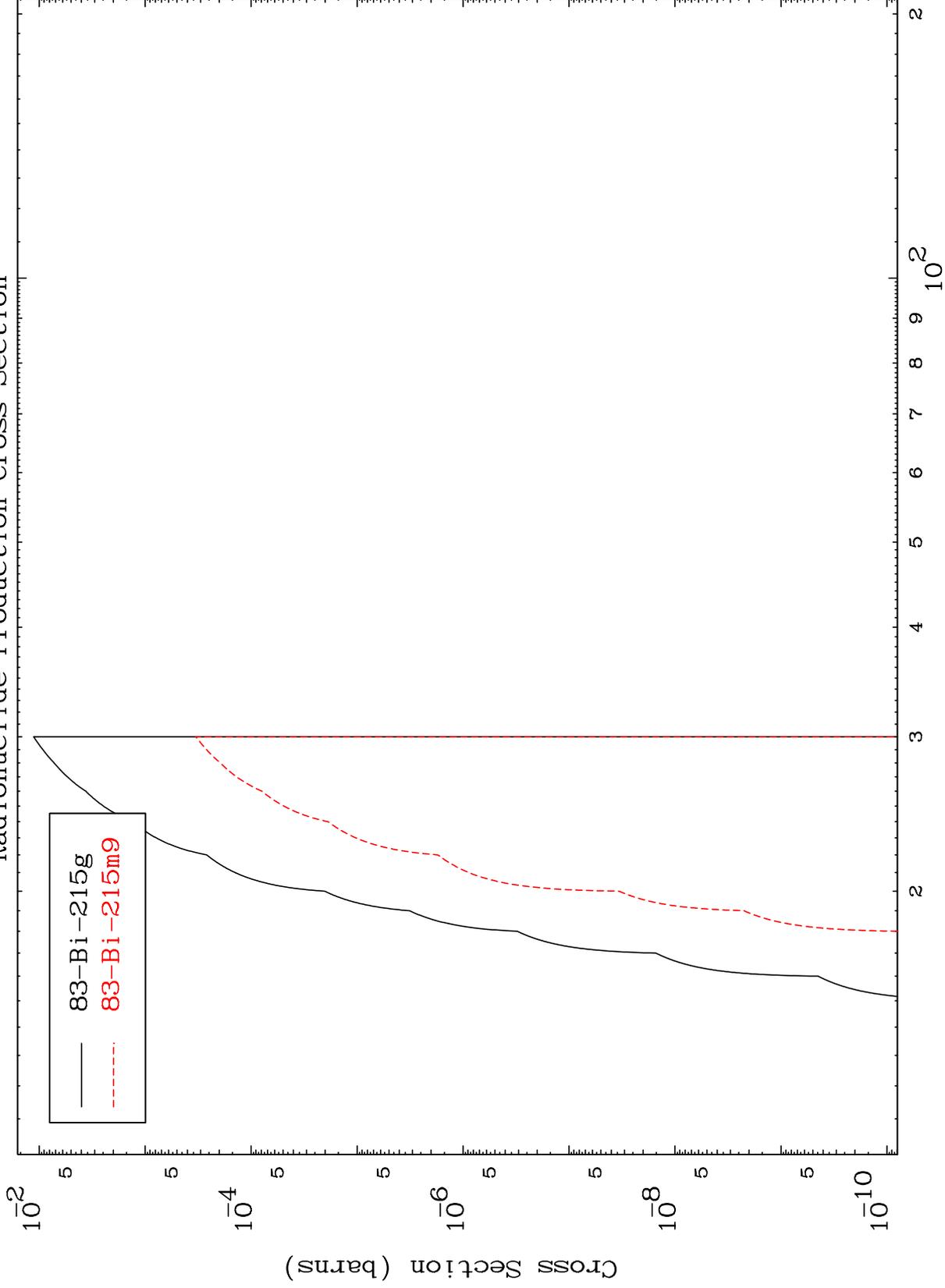
(n,  $\alpha$ )

MAT 8352

(n,2n) d

83-Bi-218

Radionuclide Production Cross Section



12

Incident Energy (MeV)

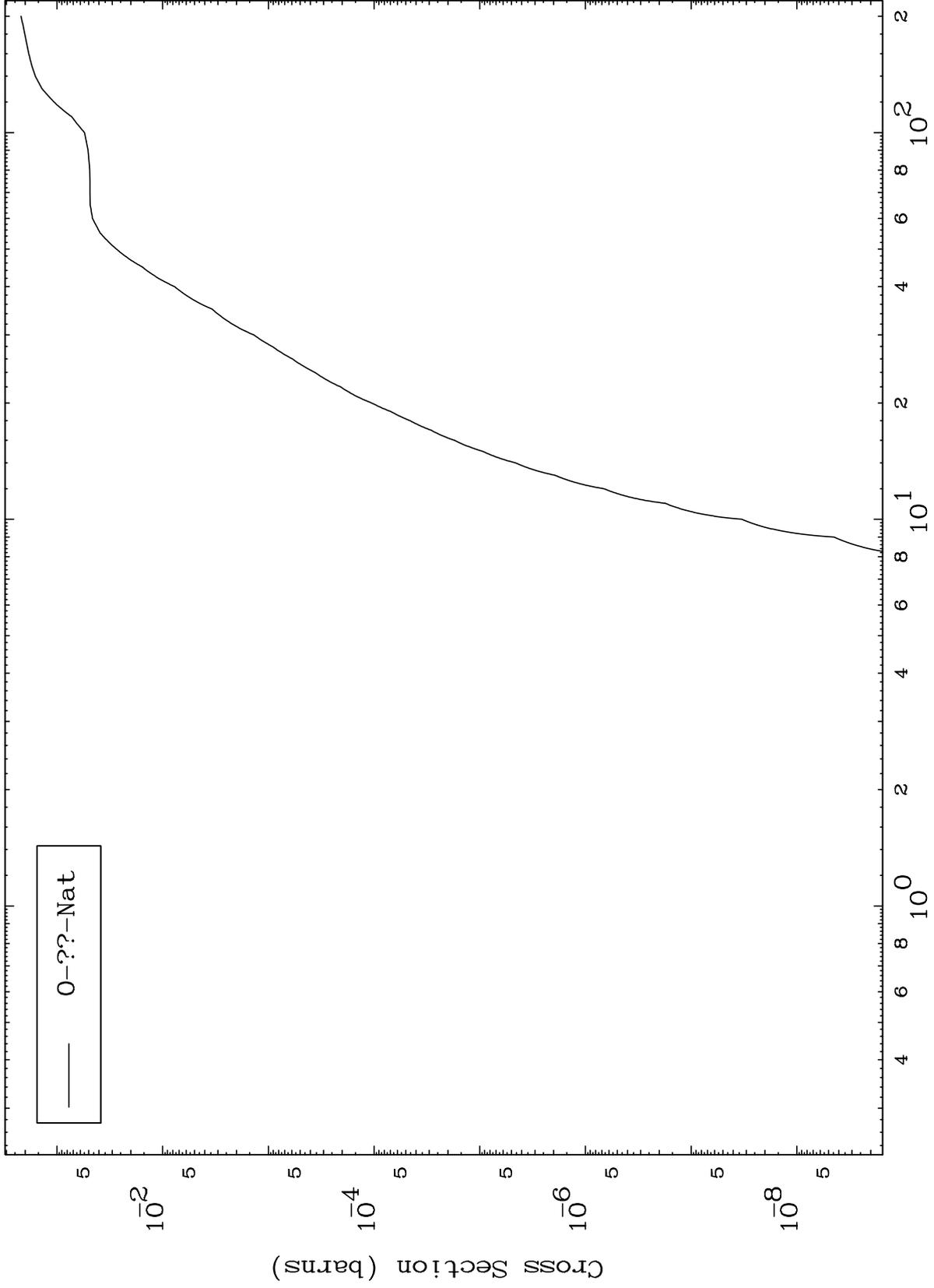
83-Bi-218

MAT 8352

Fission

83-Bi-218

Radionuclide Production Cross Section



13

Incident Energy (MeV)

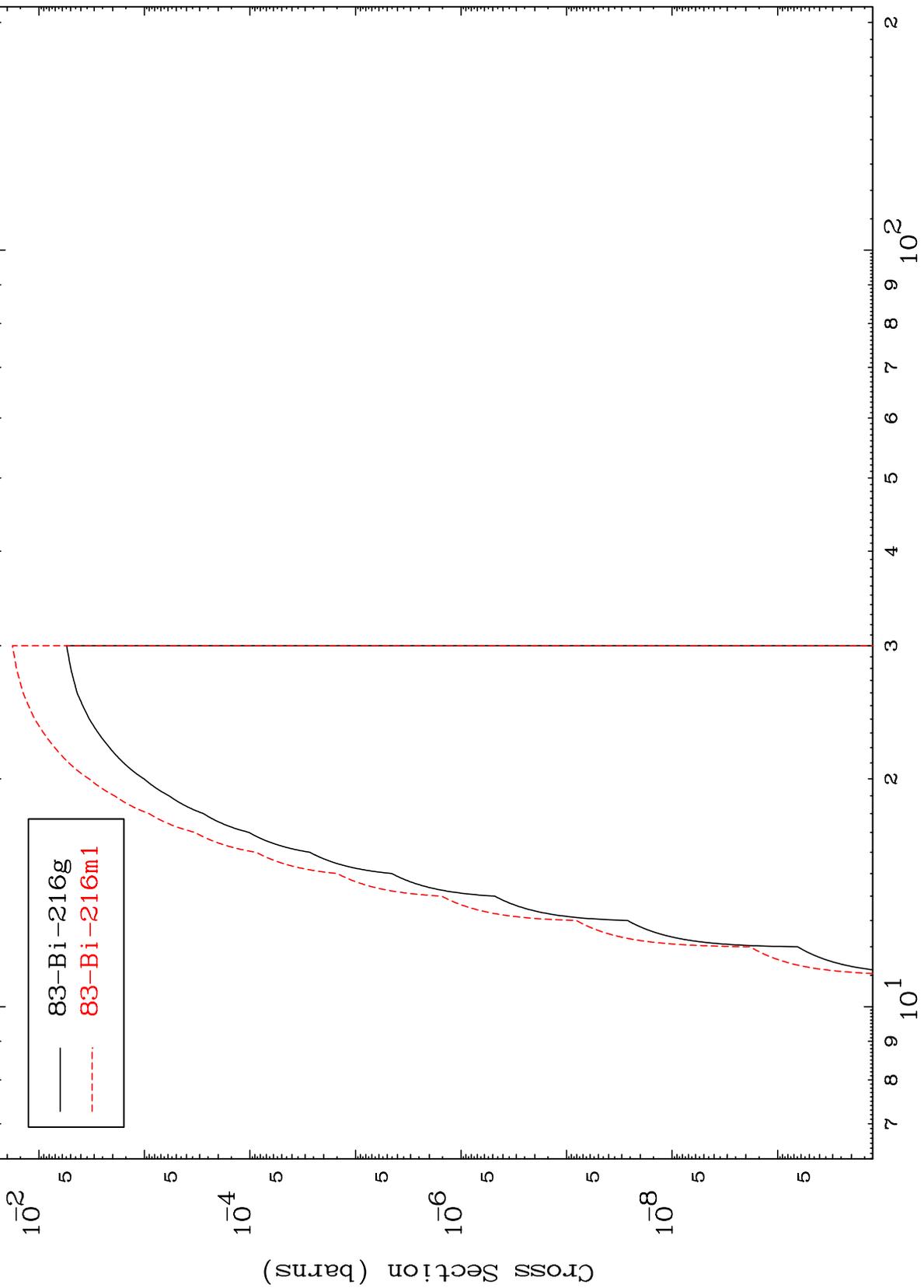
83-Bi-218

MAT 8352

(n,n') d

83-Bi-218

Radionuclide Production Cross Section



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

14

Incident Energy (MeV)

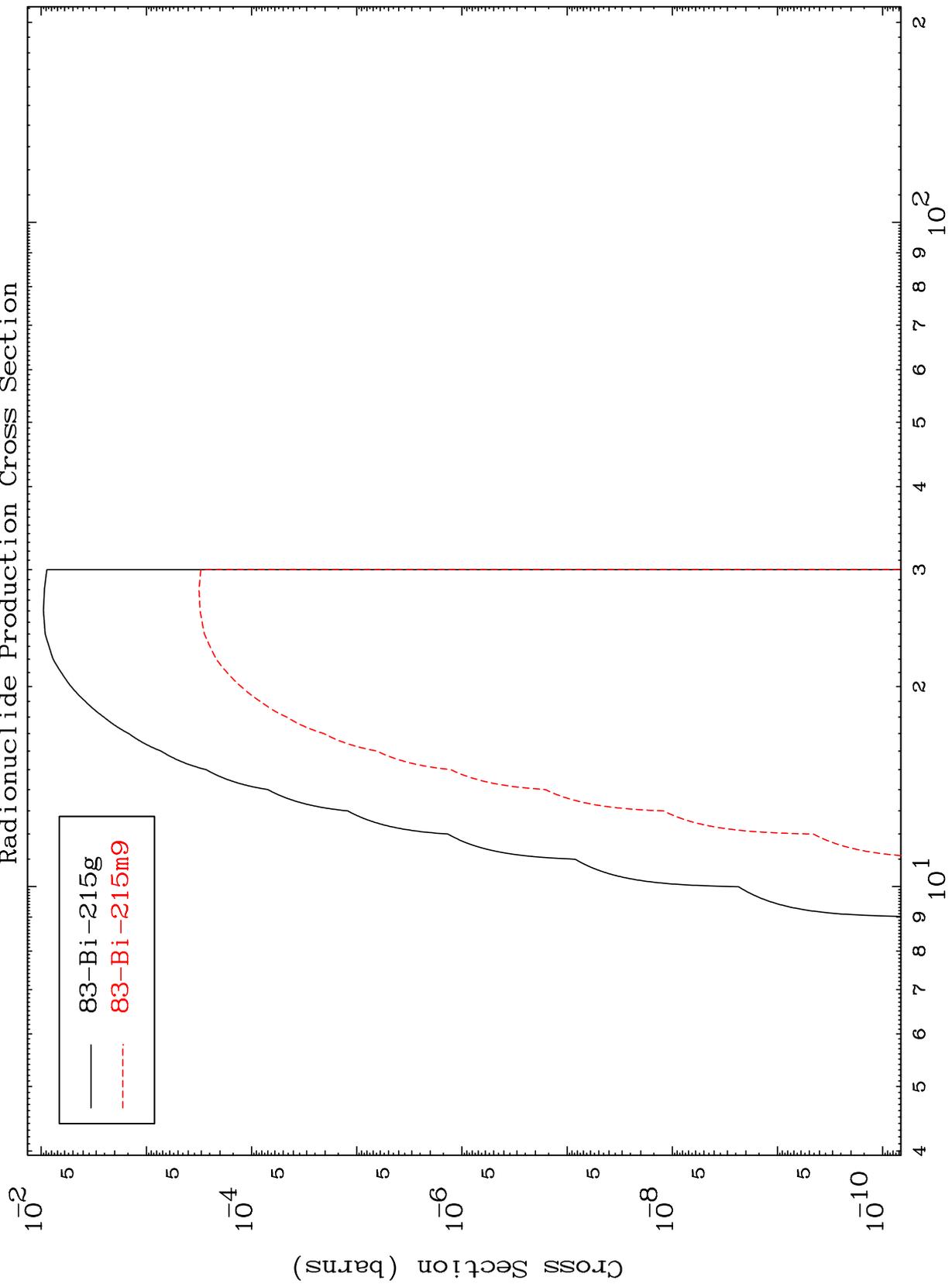
83-Bi-218

MAT 8352

(n,n') t

83-Bi-218

Radionuclide Production Cross Section



15

Incident Energy (MeV)

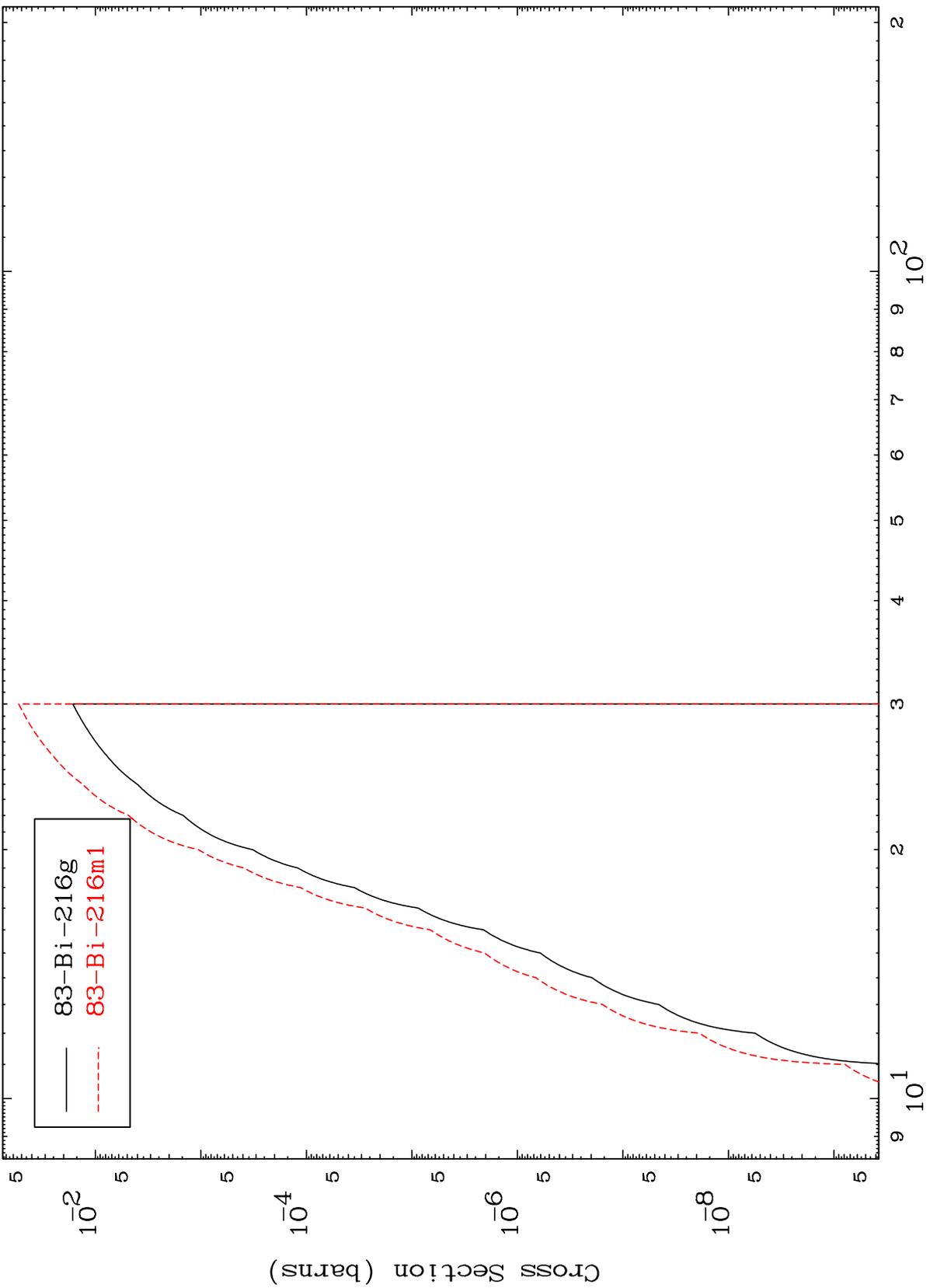
83-Bi-218

MAT 8352

(n,2n) p

83-Bi-218

Radionuclide Production Cross Section



16

Incident Energy (MeV)

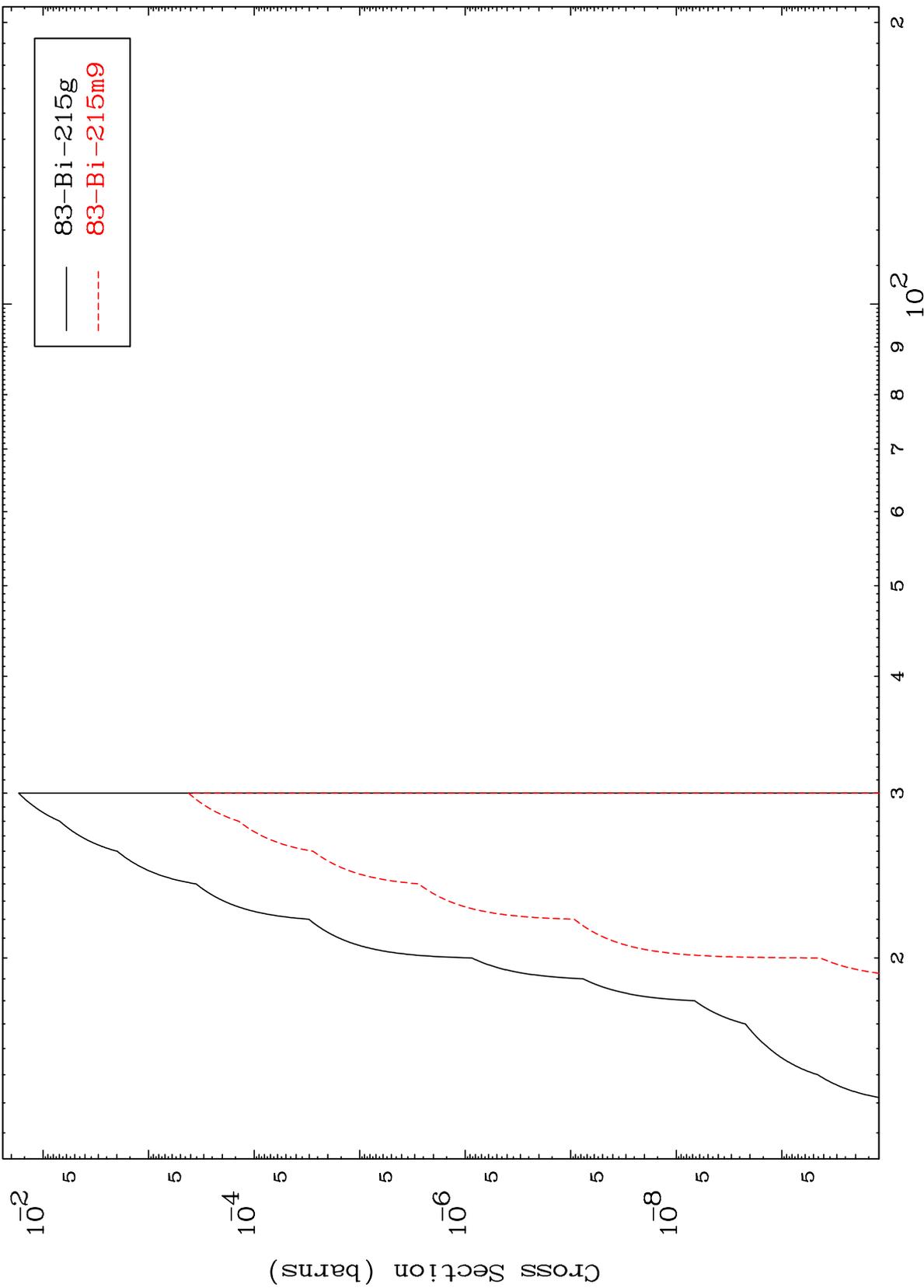
83-Bi-218

MAT 8352

(n,3n) p

83-Bi-218

Radionuclide Production Cross Section



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

17

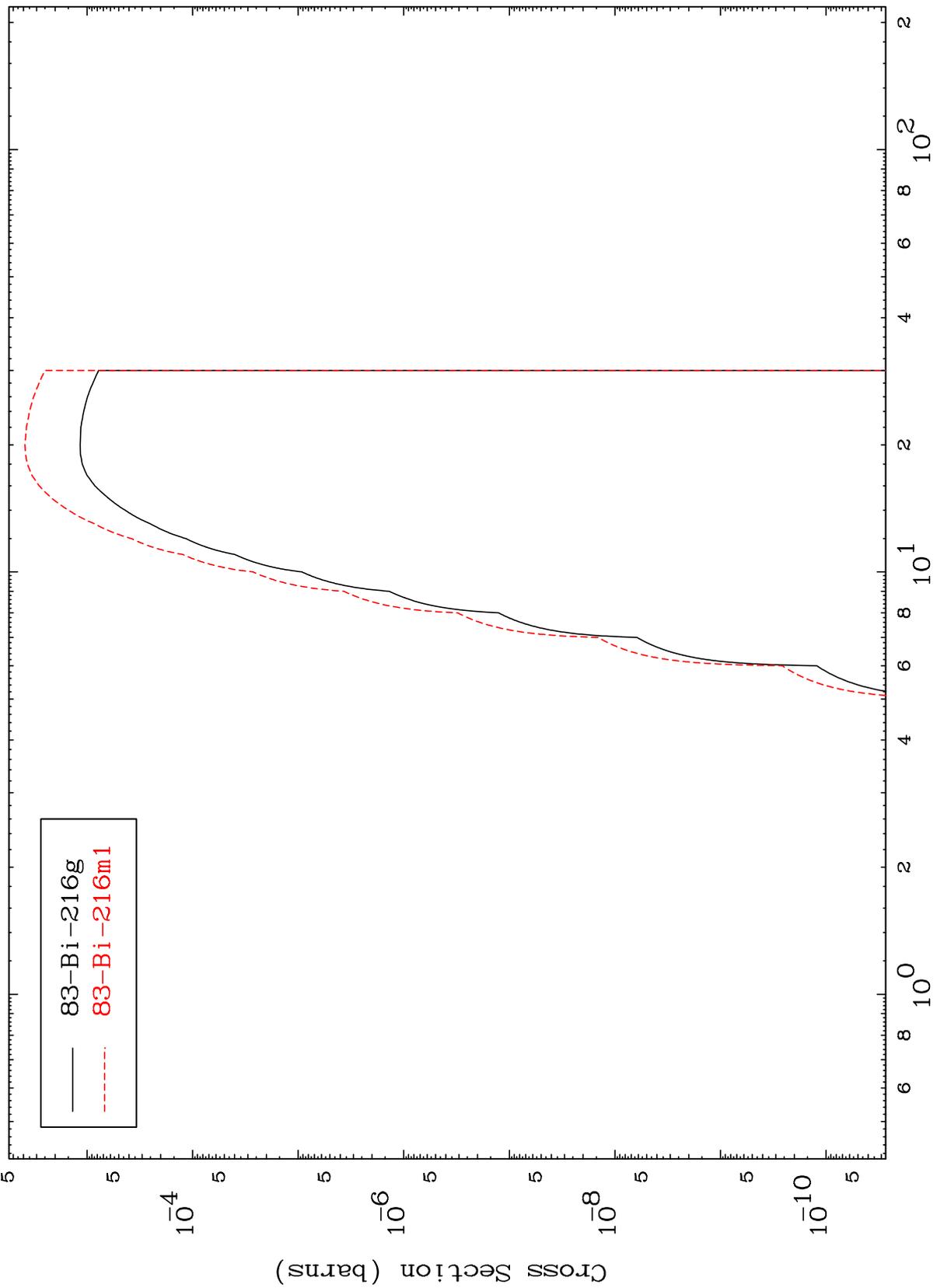
Incident Energy (MeV)

83-Bi-218

MAT 8352

83-Bi-218

(n, t)  
Radionuclide Production Cross Section



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

18

Incident Energy (MeV)

83-Bi-218