

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

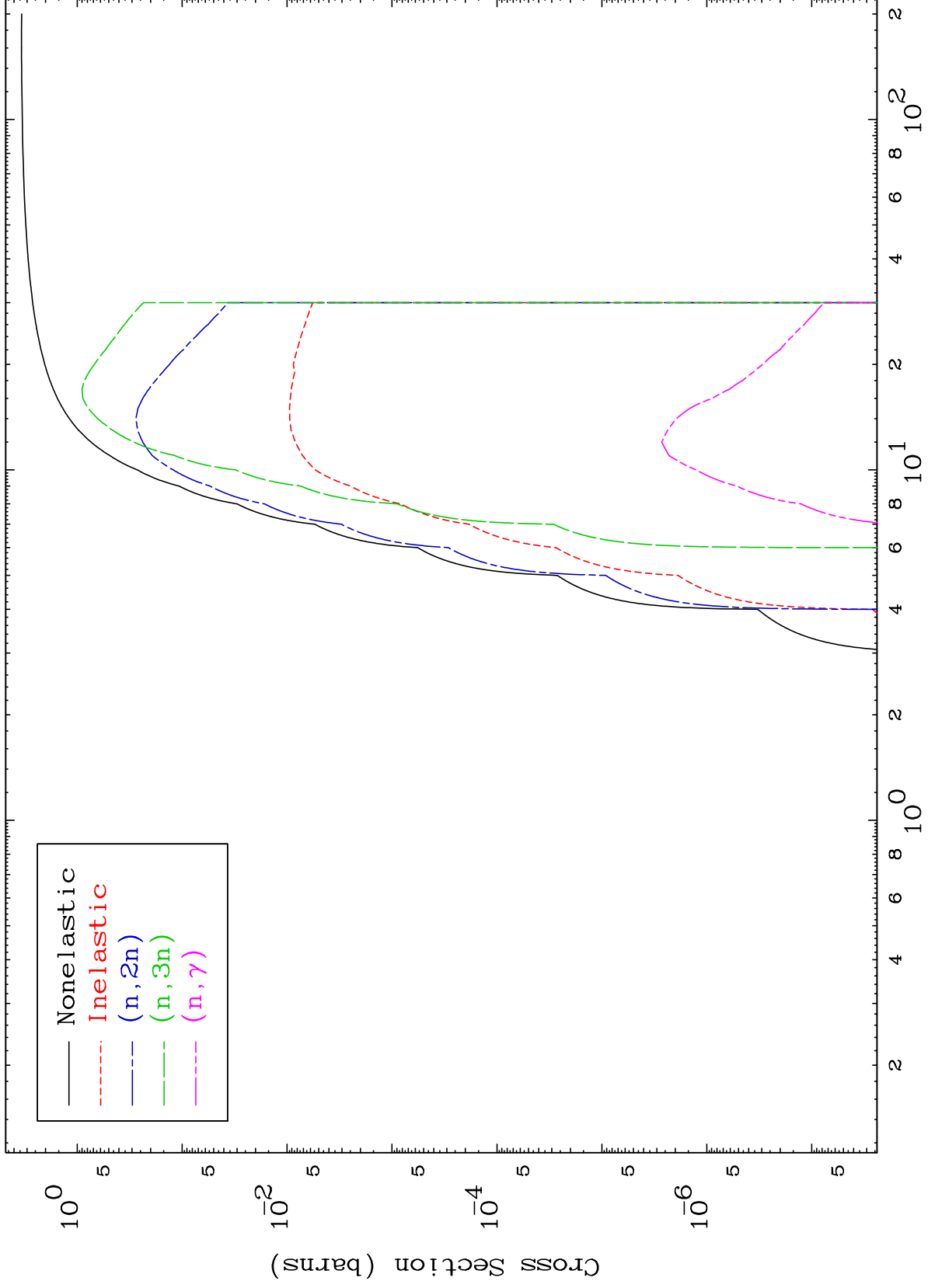
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

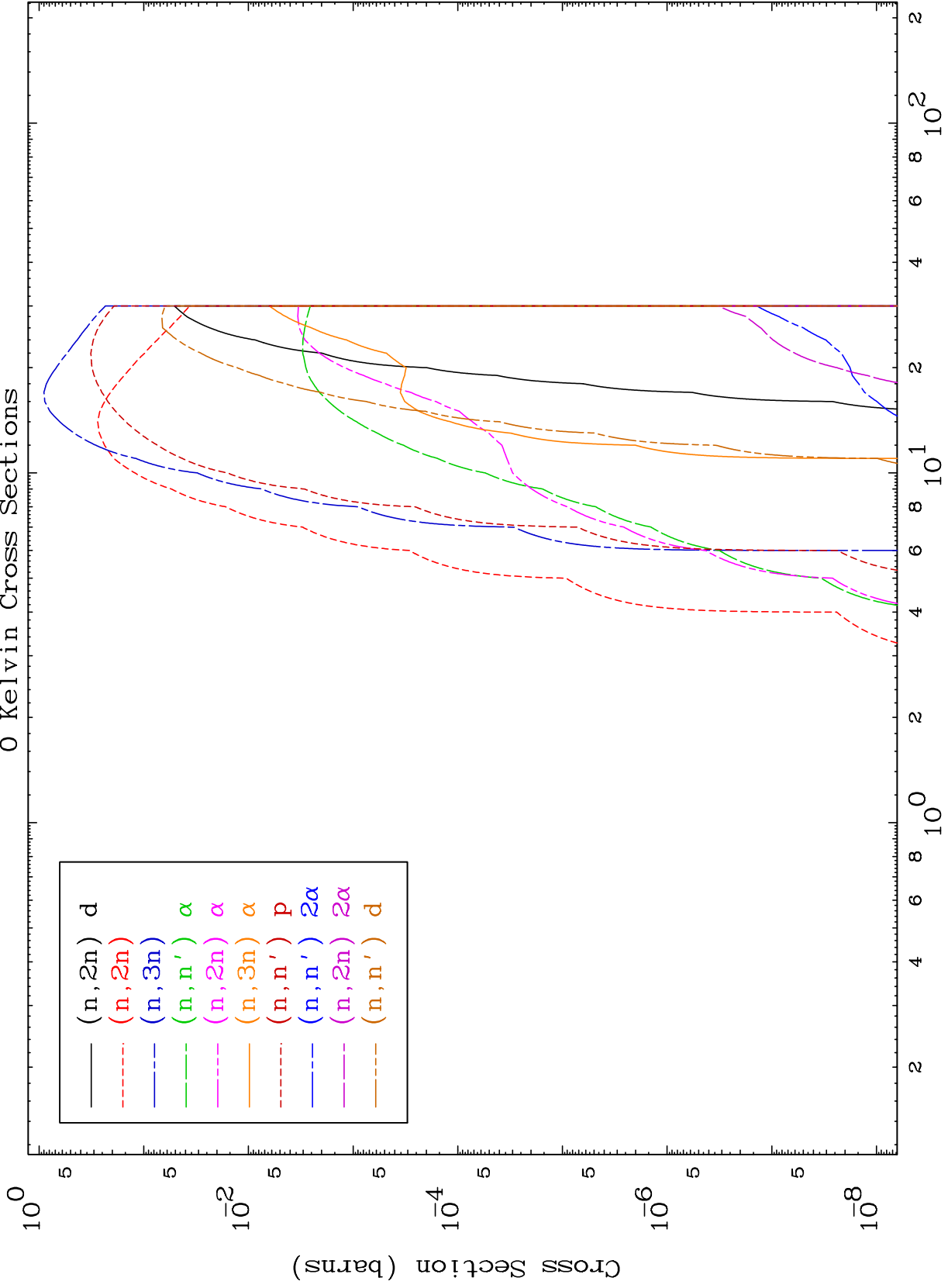
Tele: 925-443-1911

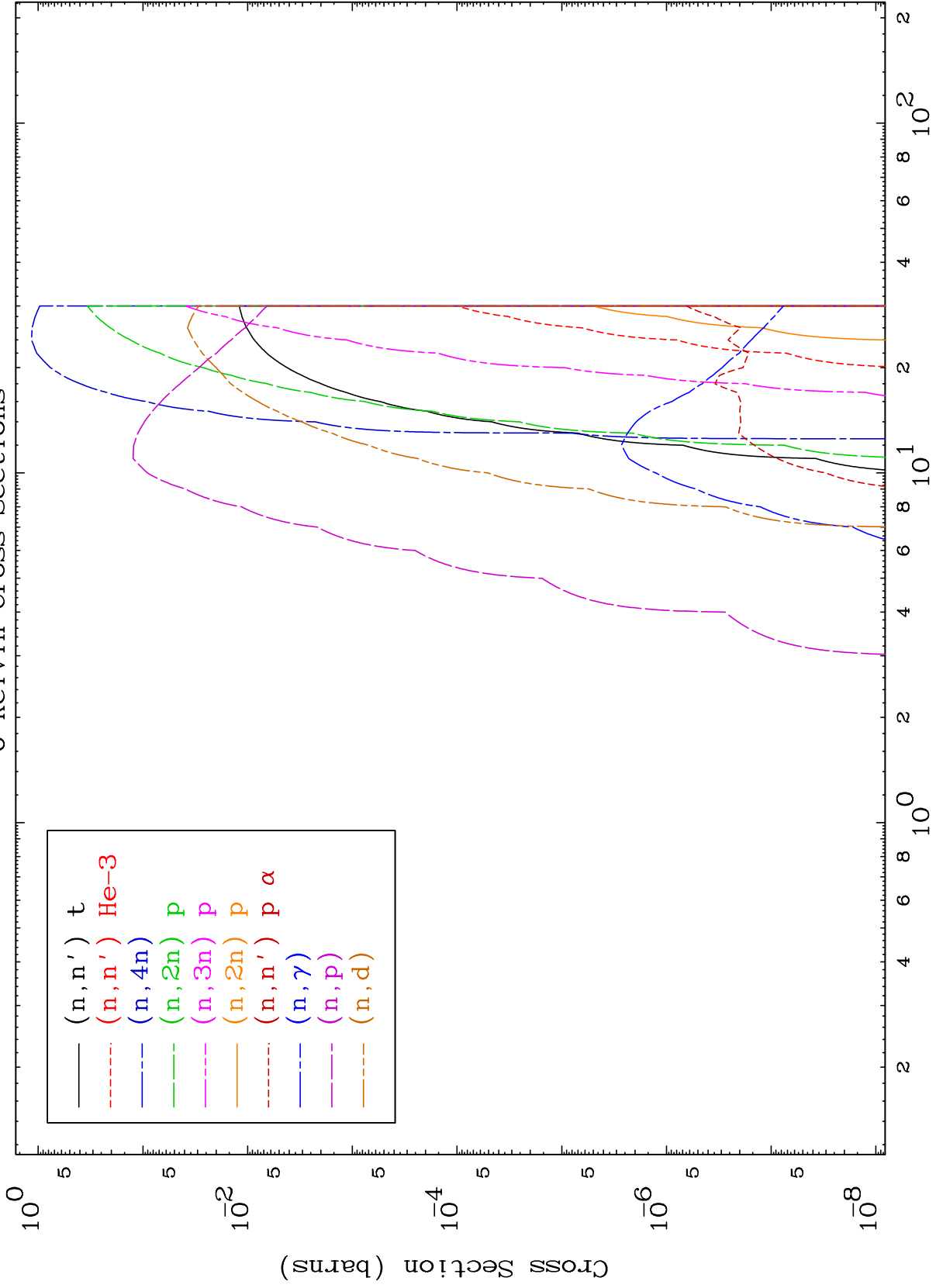
E.Mail:redcullen1@comcast.net

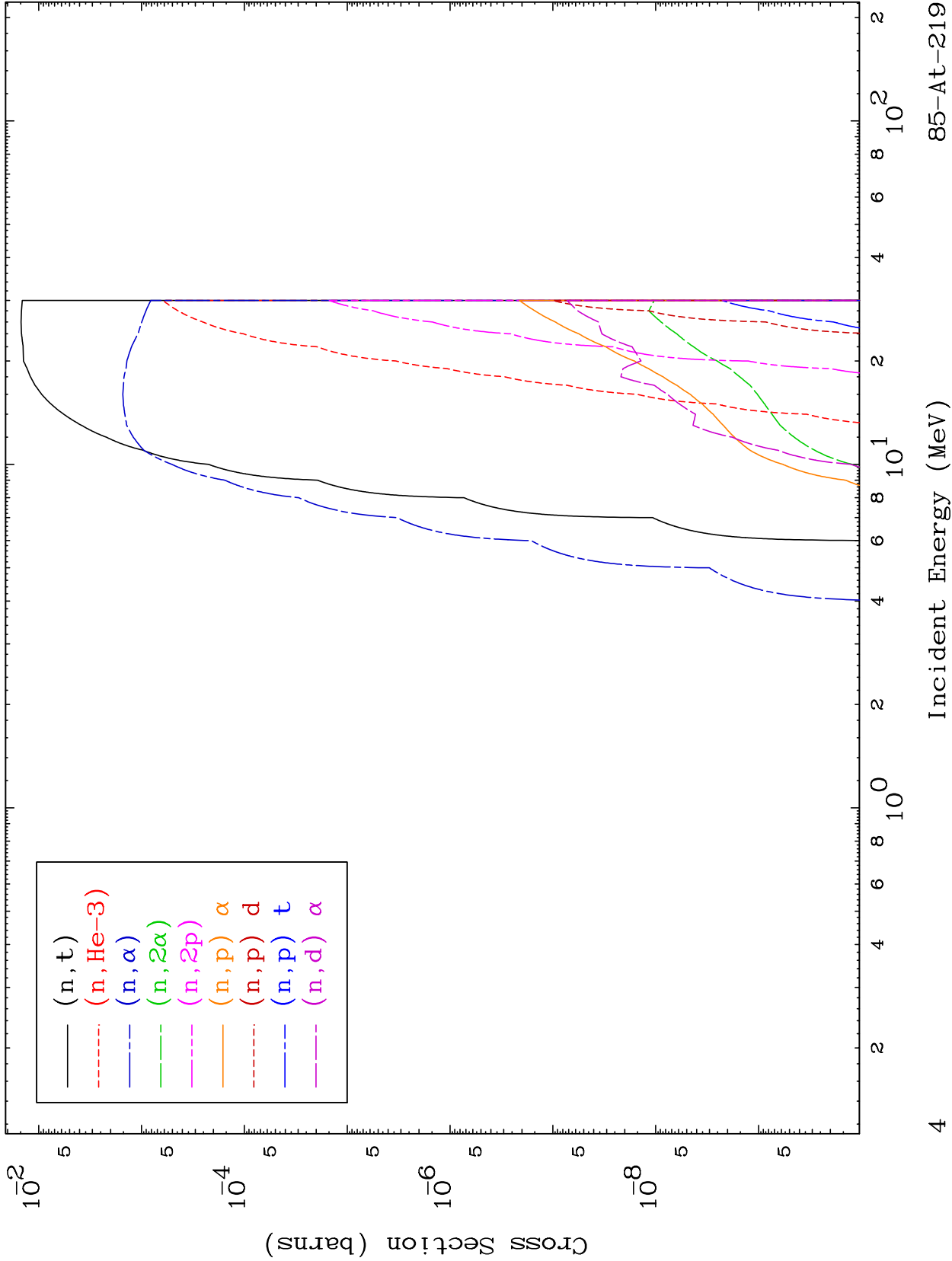
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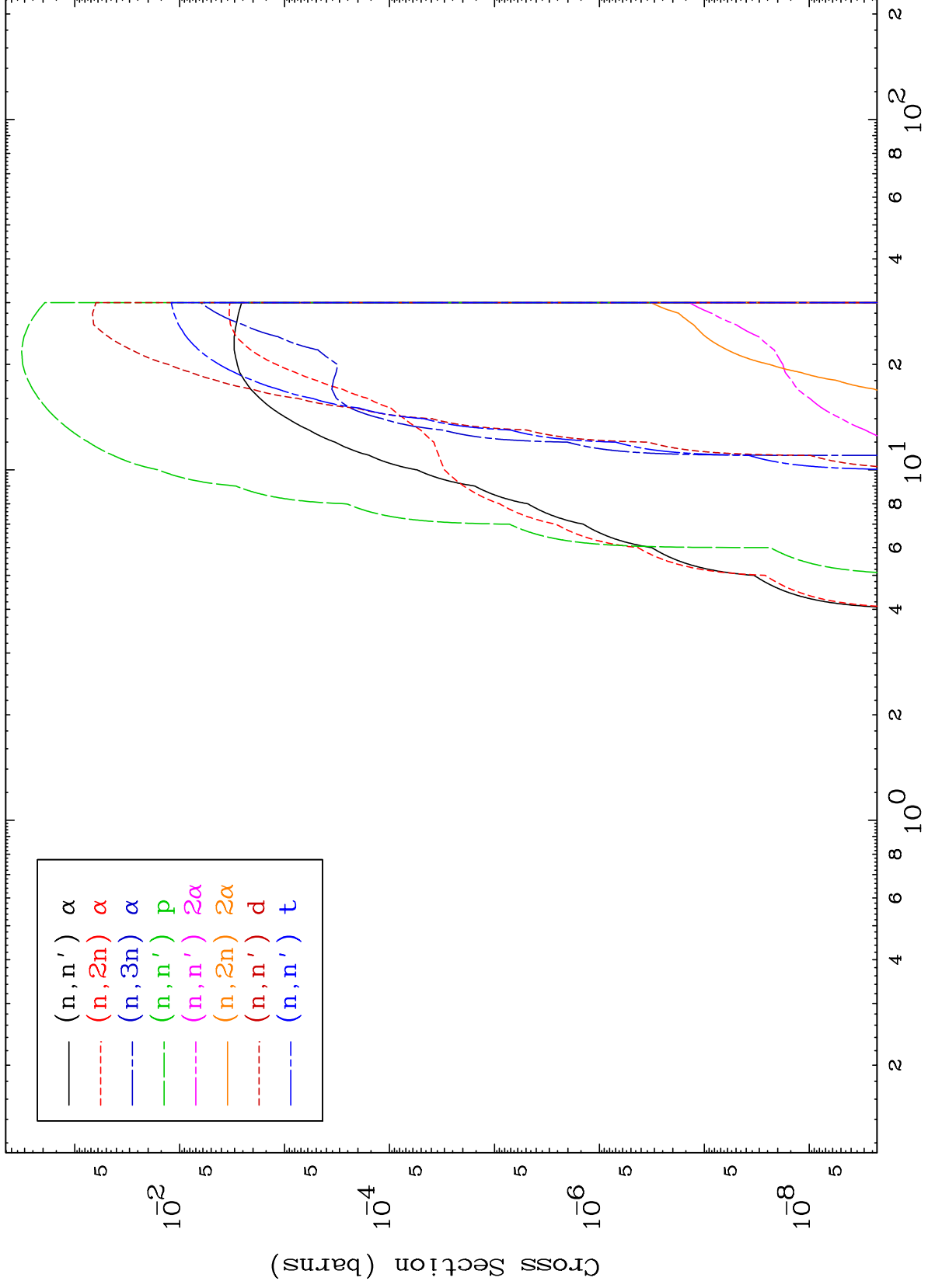
Press Mouse Button to Start

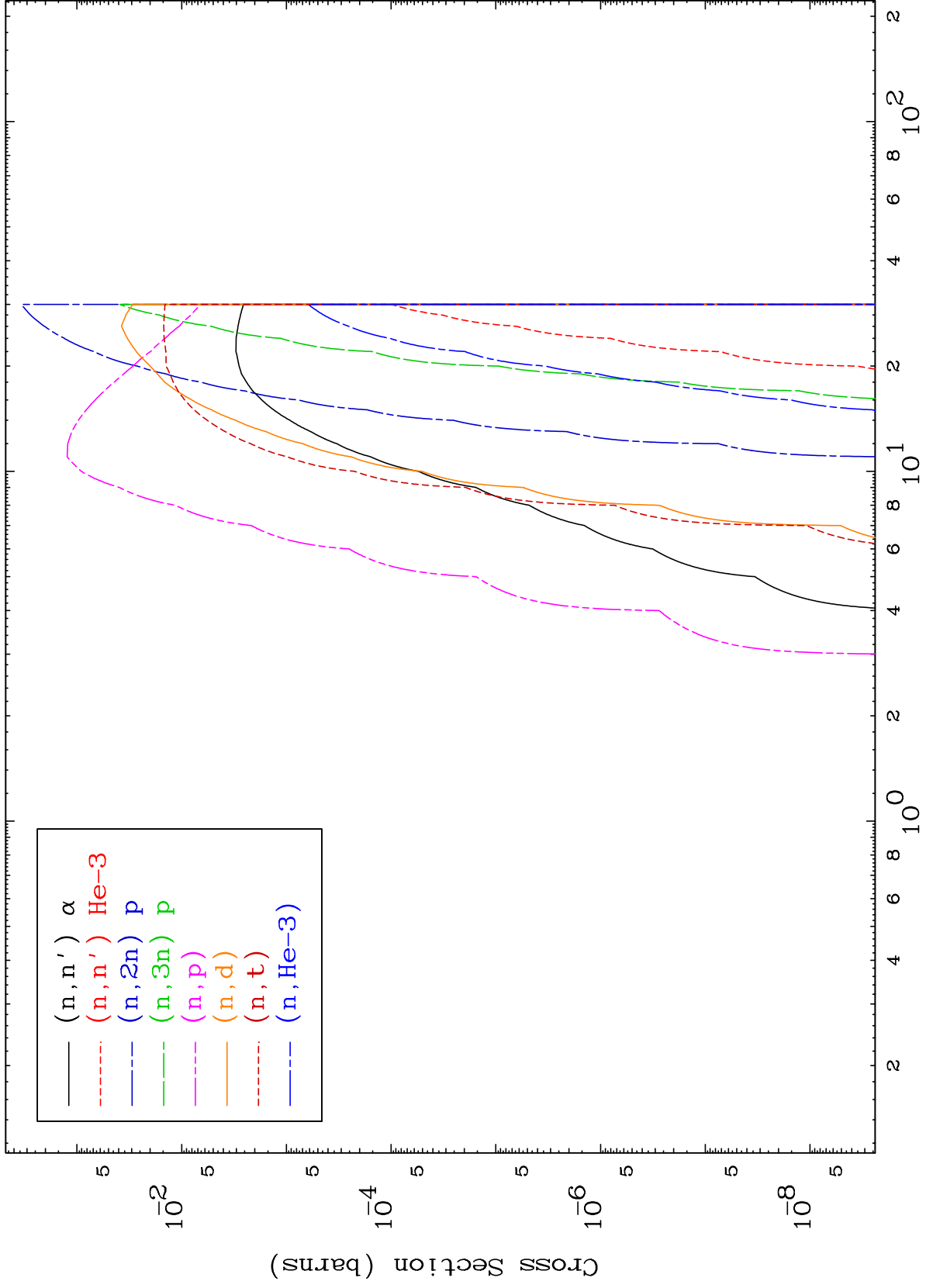


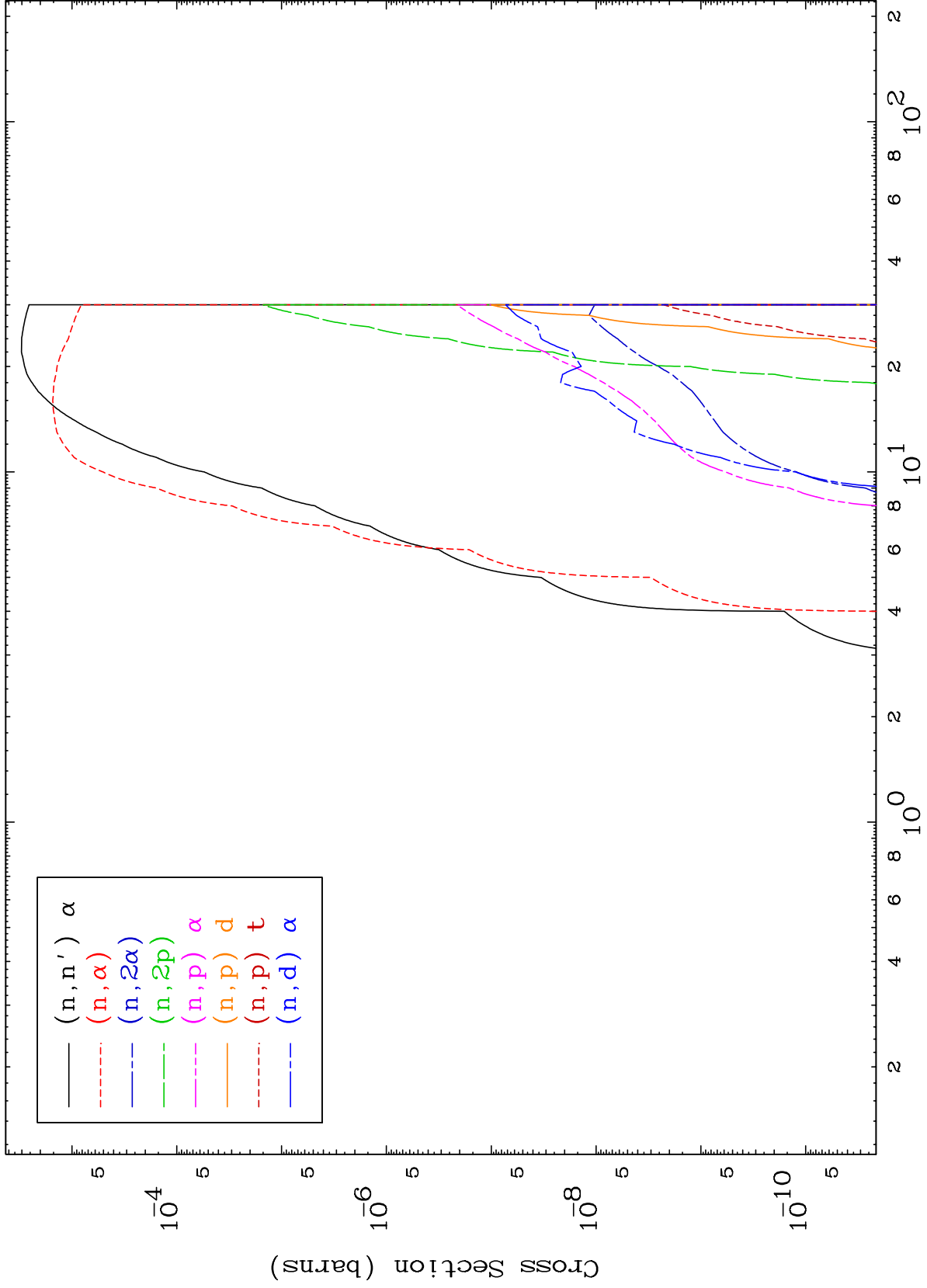










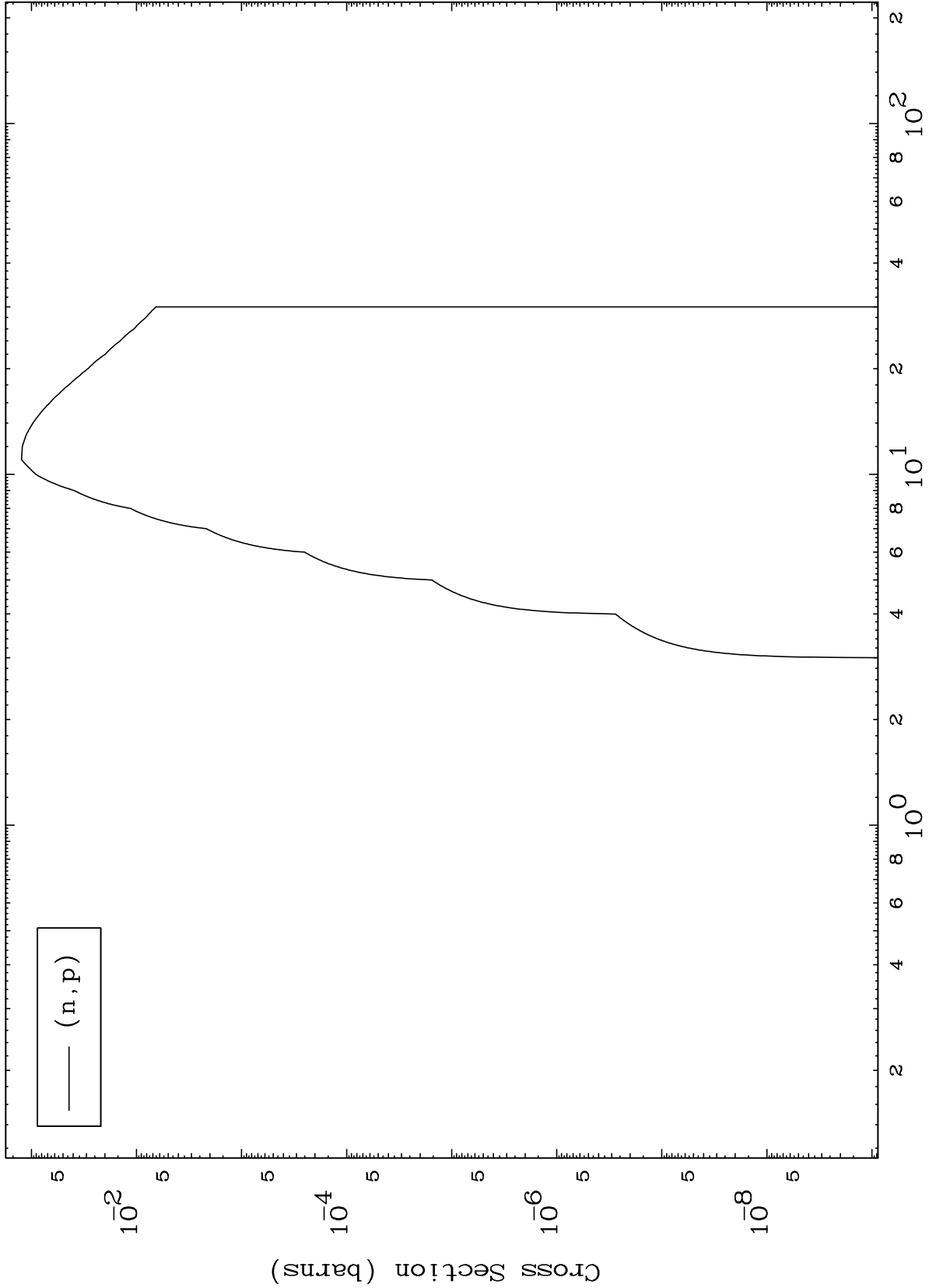


MAT 8573

(d,p) Levels

85-At-219

0 Kelvin Cross Sections

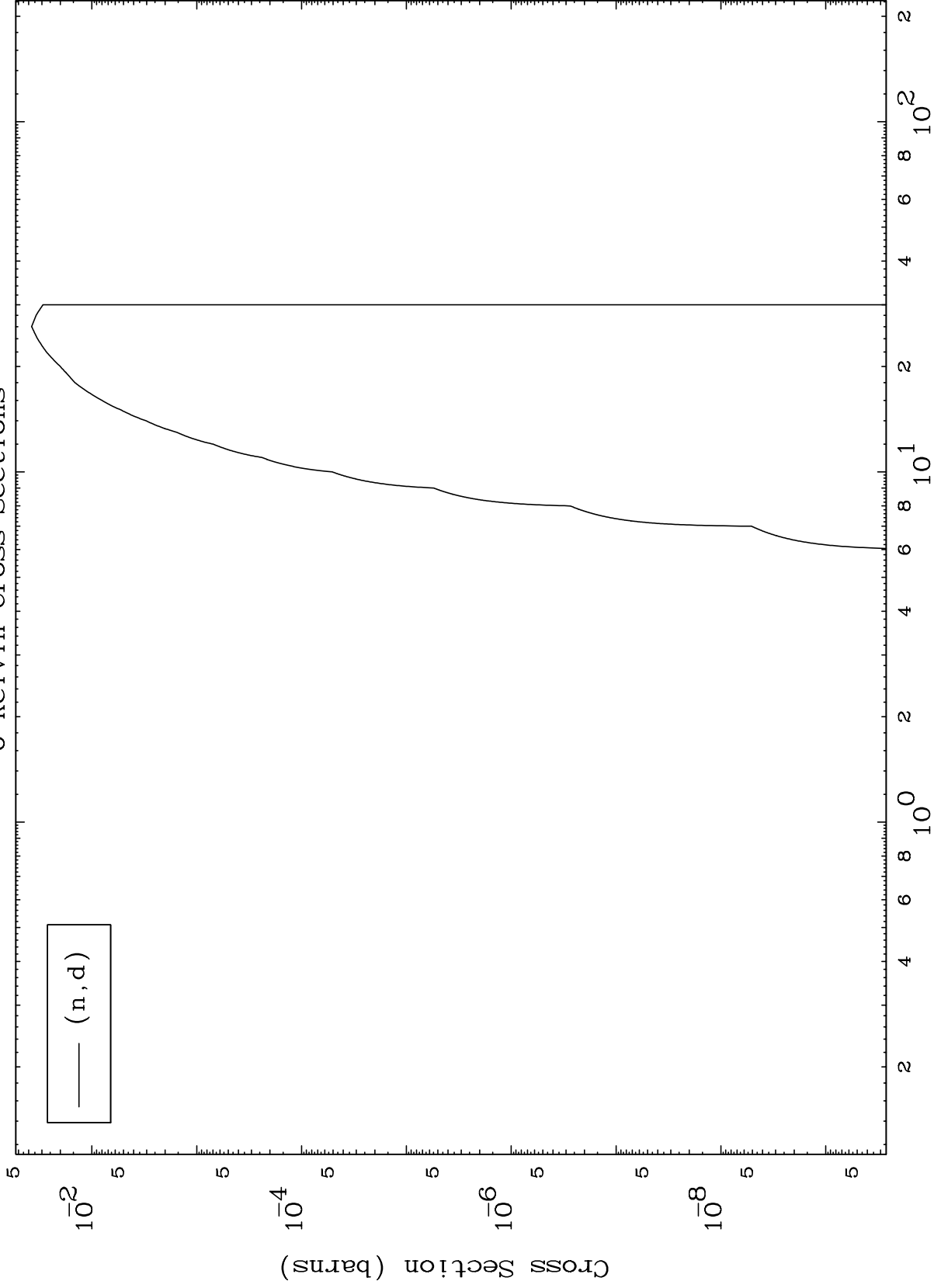


MAT 8573

(d,d) Levels

85-At-219

0 Kelvin Cross Sections



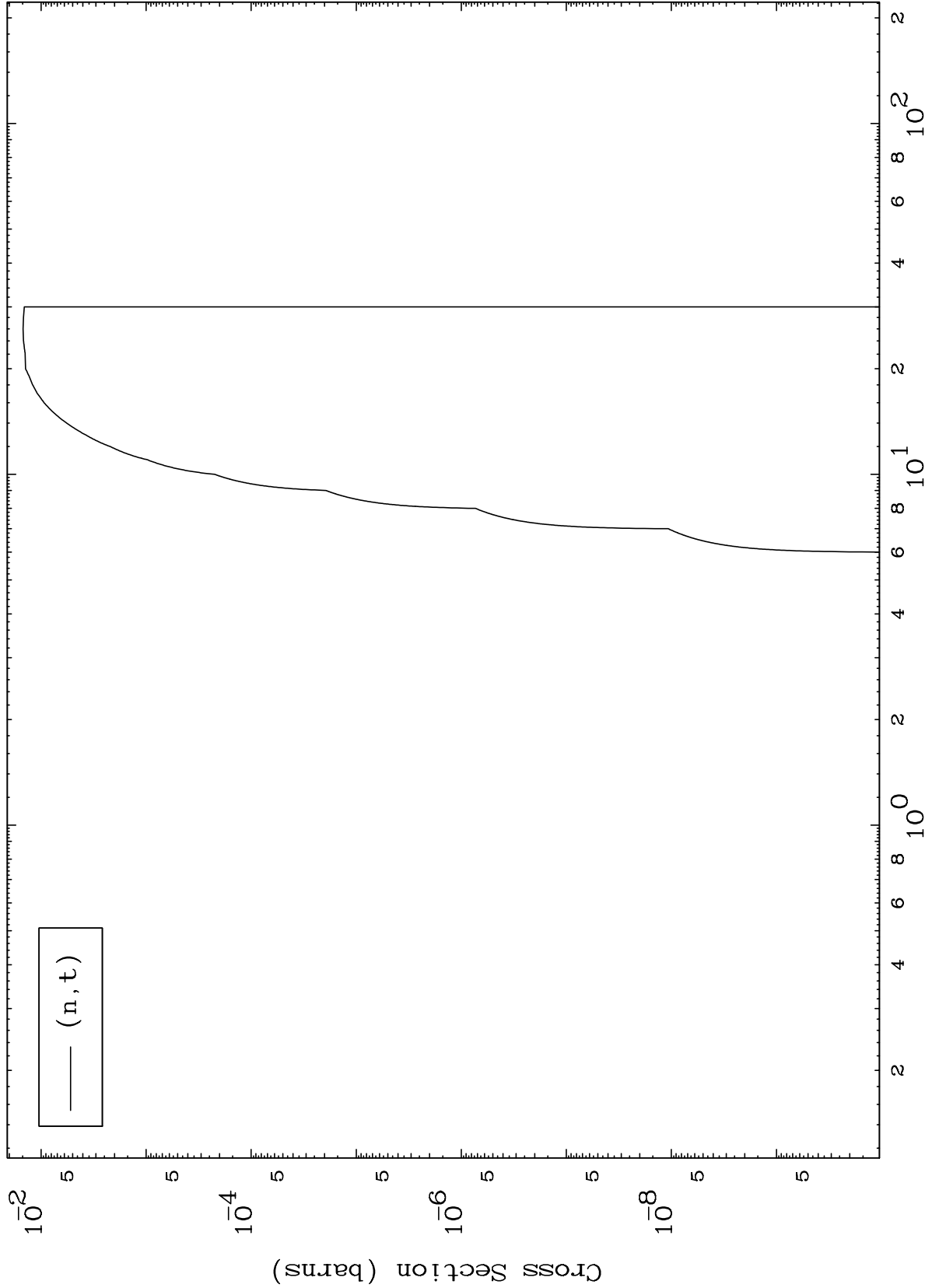
(n,d)

MAT 8573

(d,t) Levels

85-At-219

0 Kelvin Cross Sections



(n,t)

10

Incident Energy (MeV)

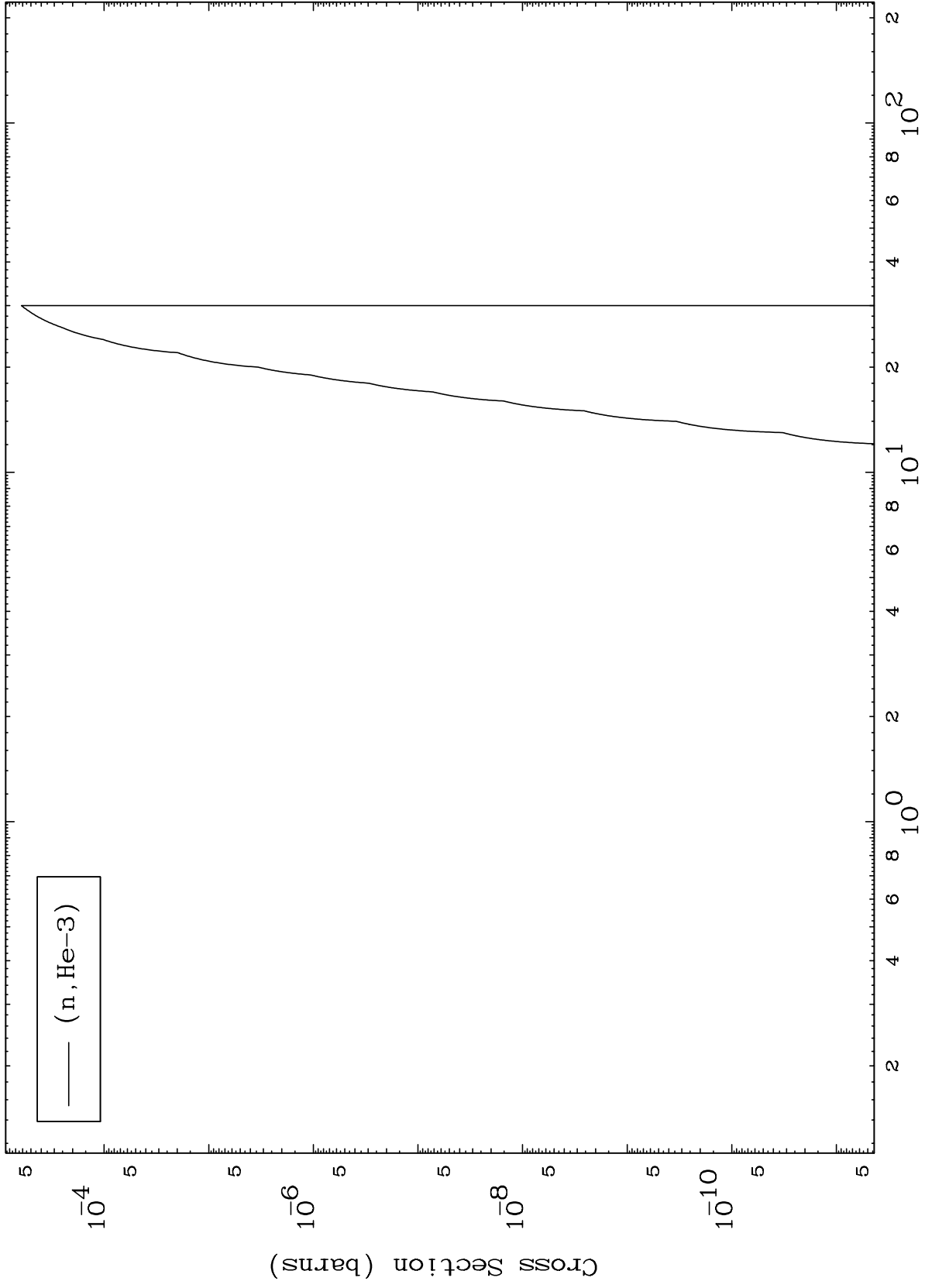
85-At-219

MAT 8573

(d,He3) Levels

85-At-219

0 Kelvin Cross Sections

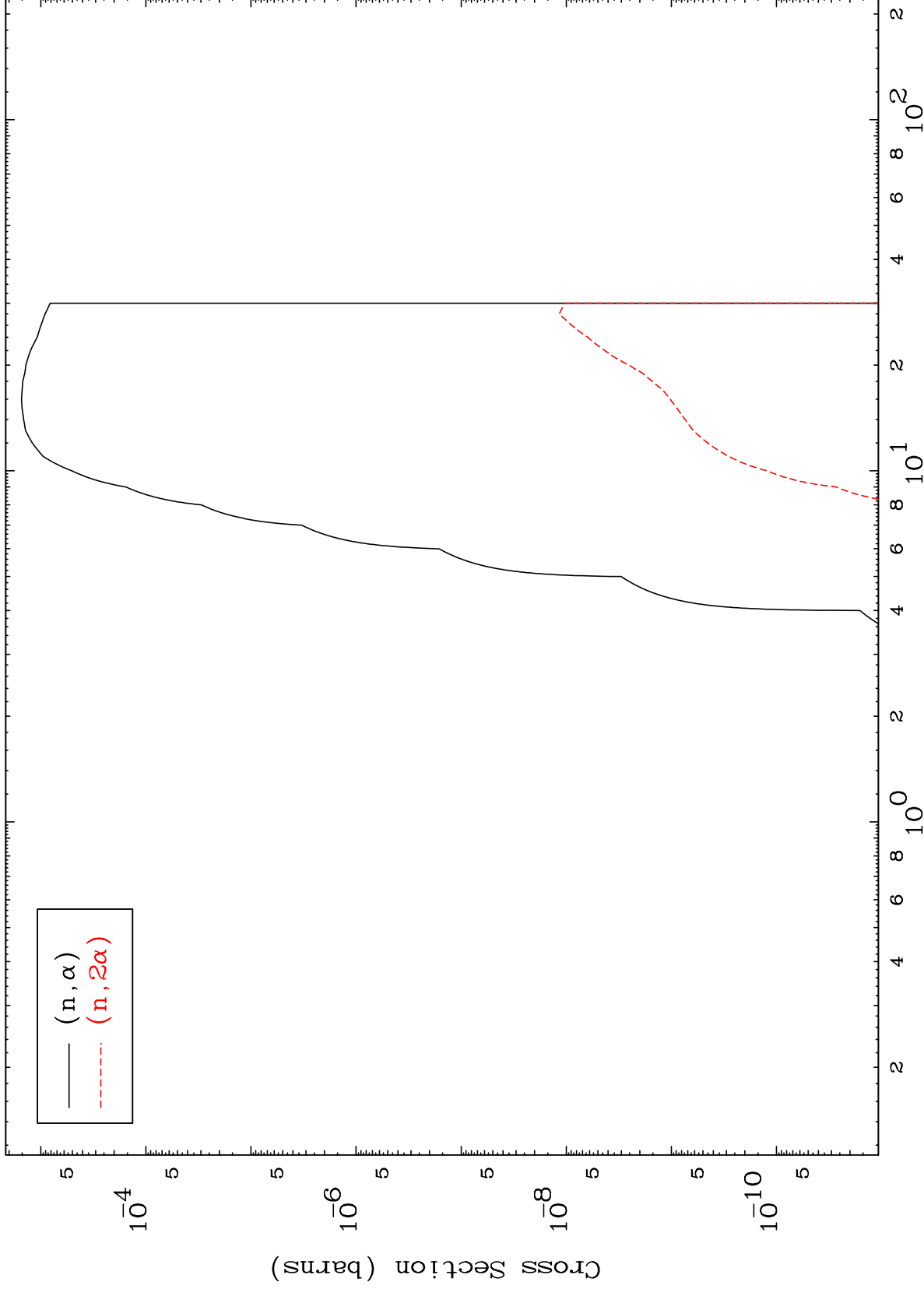


MAT 8573

(d, α) Levels

85-At-219

0 Kelvin Cross Sections



12

Incident Energy (MeV)

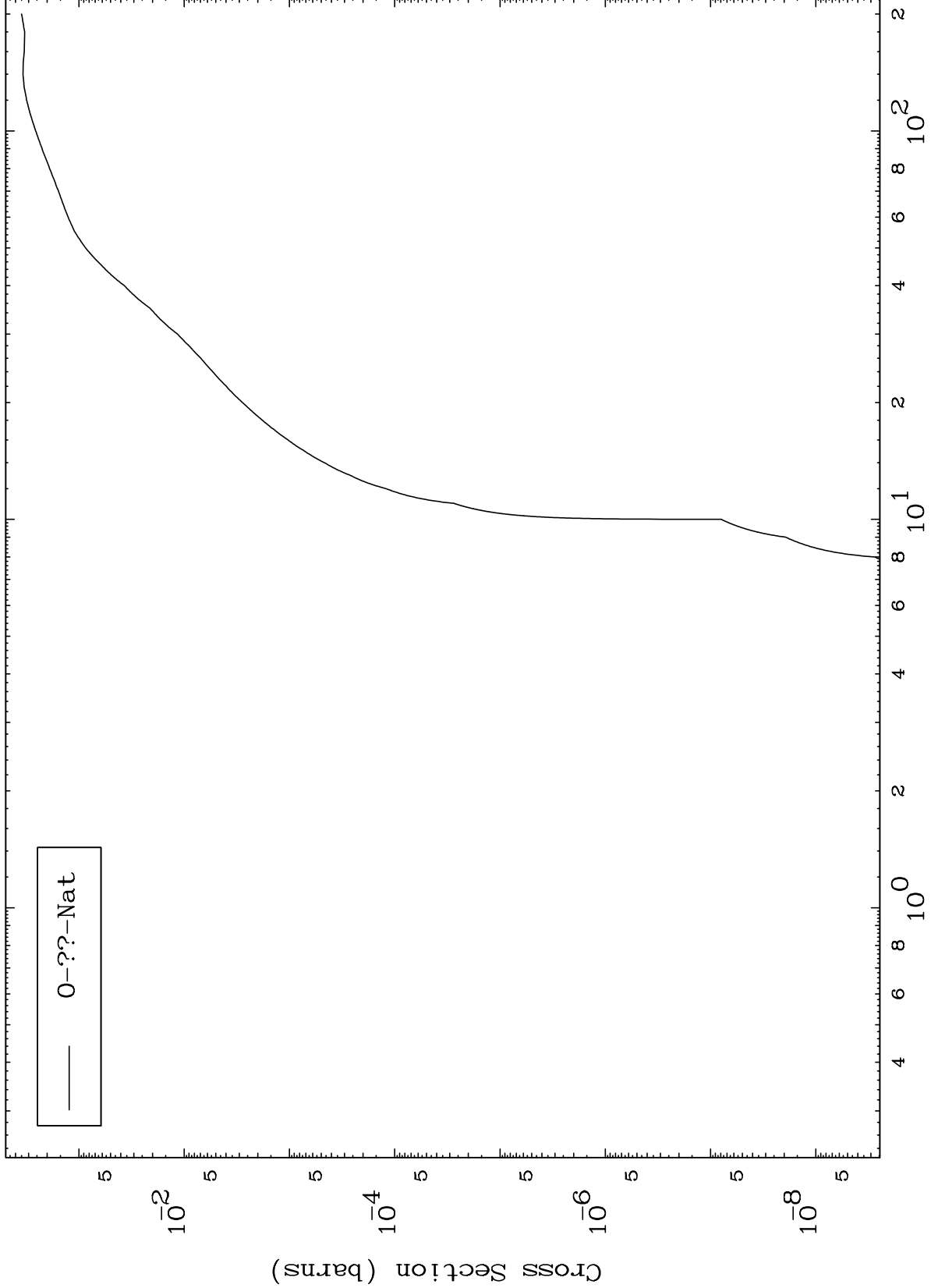
85-At-219

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Fission

85-At-219

Radionuclide Production Cross Section

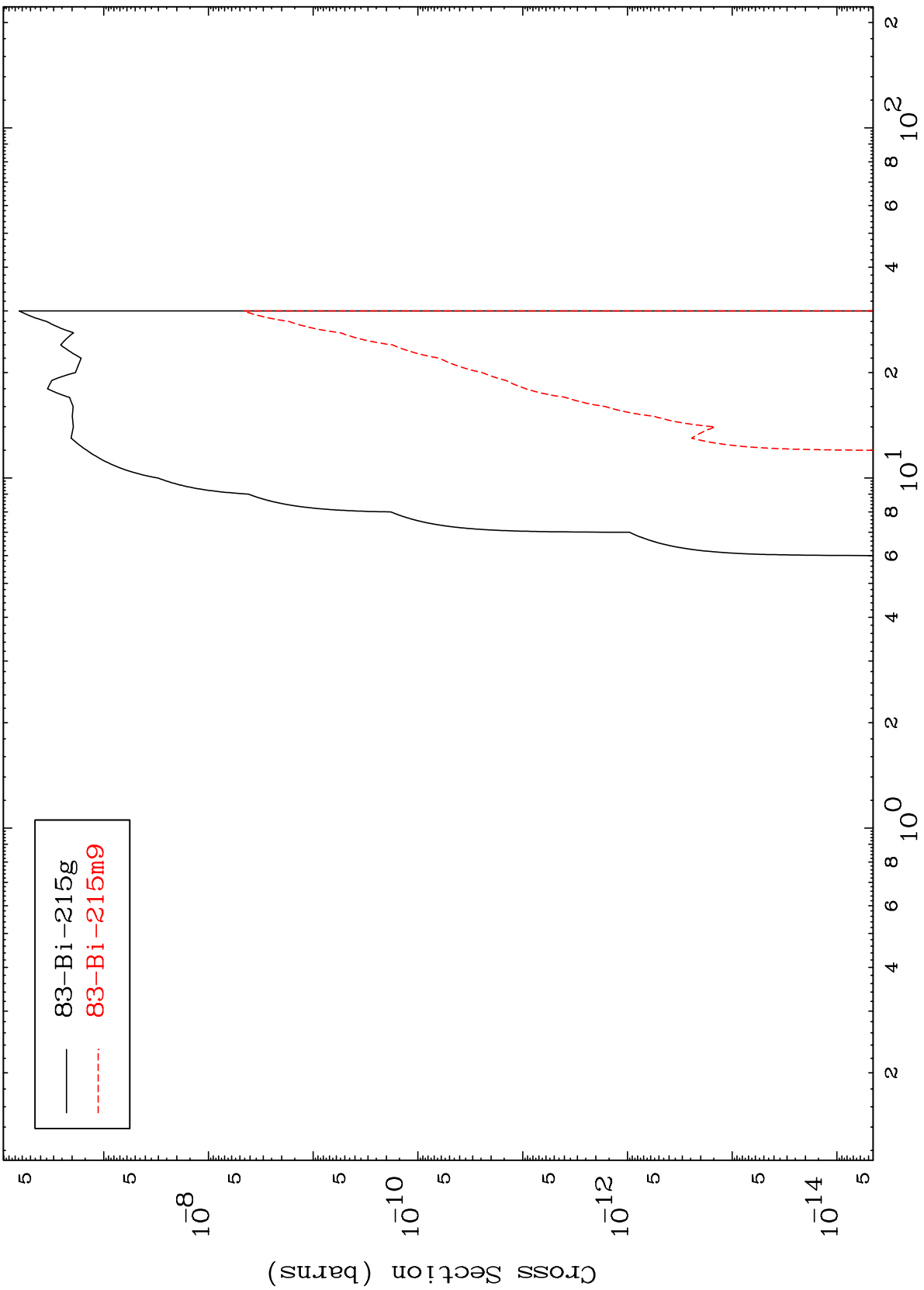


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(n,n') p α

85-At-219

Radionuclide Production Cross Section



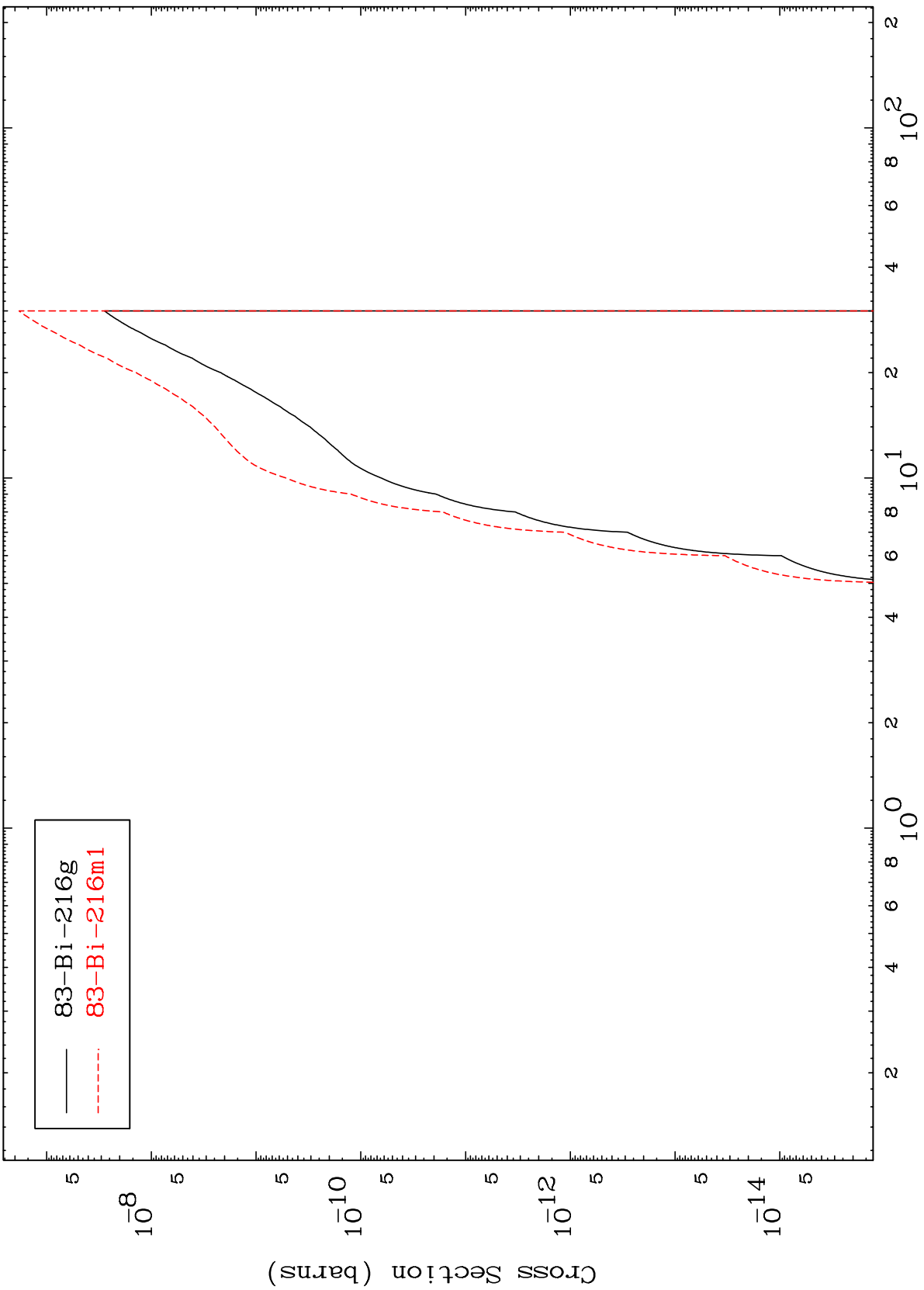
— 83-Bi-215g
- - - 83-Bi-215m9

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(n,p) α

85-At-219

Radionuclide Production Cross Section



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

15

Incident Energy (MeV)

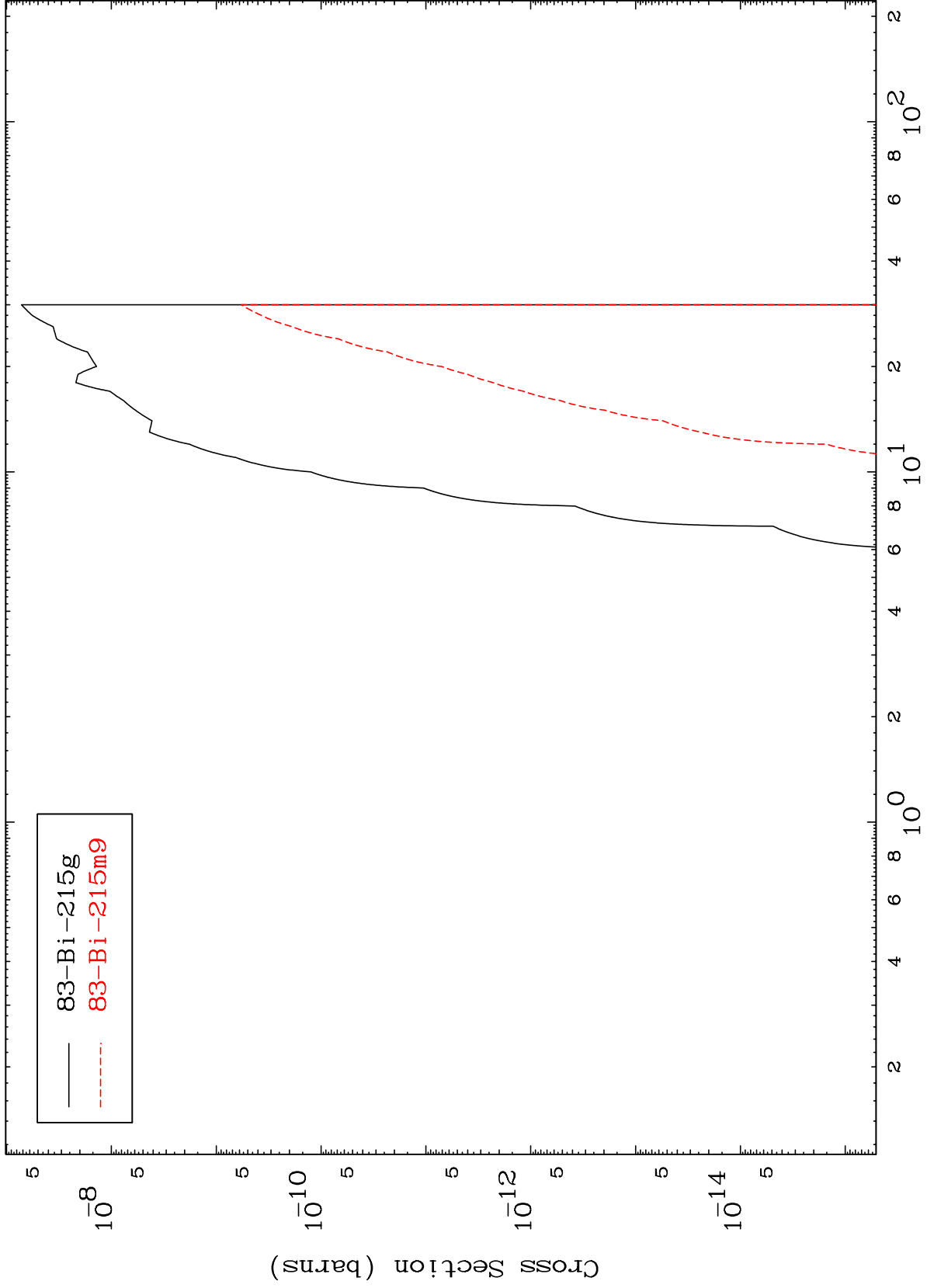
85-At-219

MAT 8573

(n,d) α

85-At-219

Radionuclide Production Cross Section



16

Incident Energy (MeV)

85-At-219