

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)

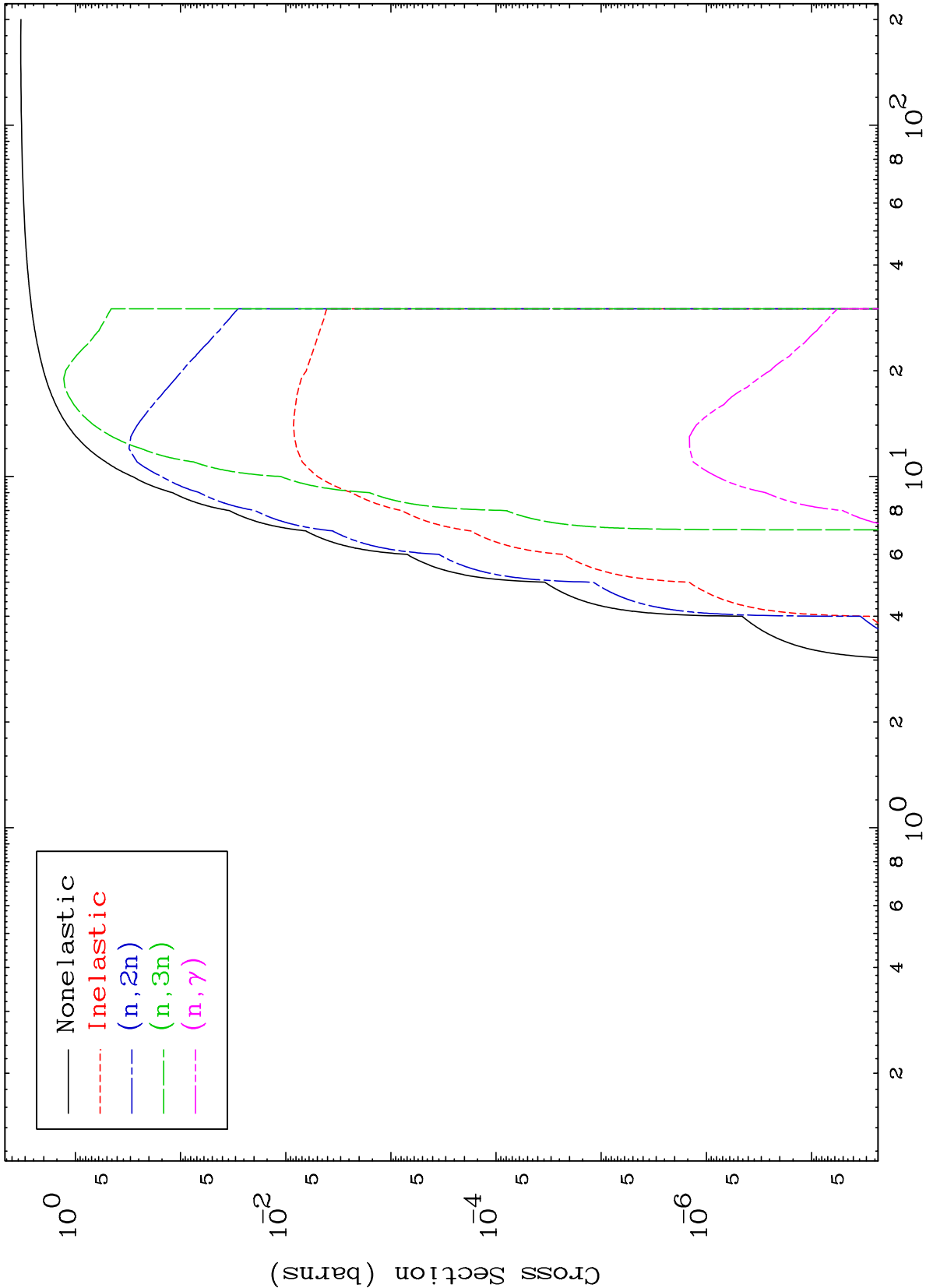
Press Mouse Button to Start

MAT 8331

Deuteron Major

83-Bi-211

0 Kelvin Cross Sections



1

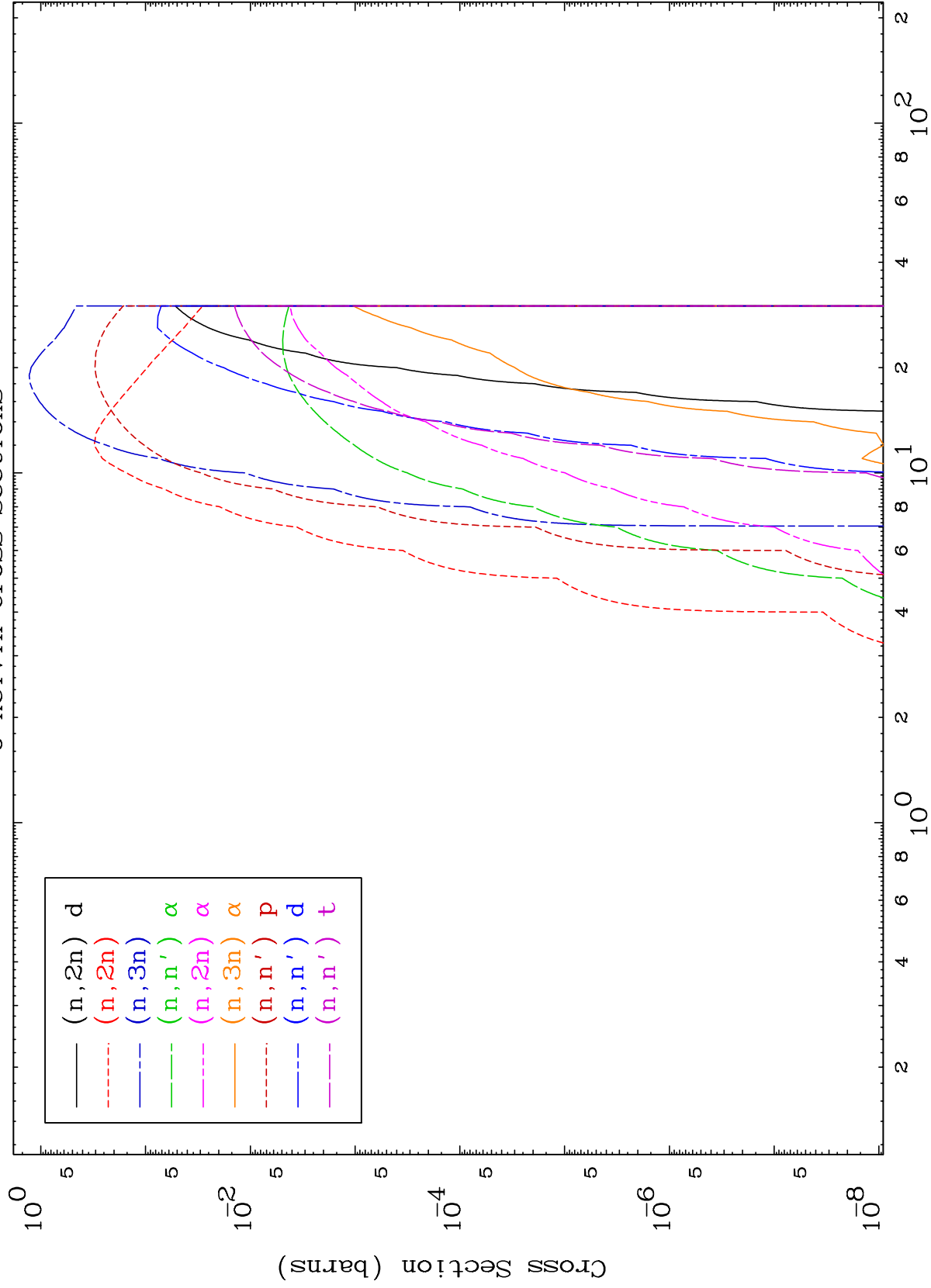
Incident Energy (MeV)

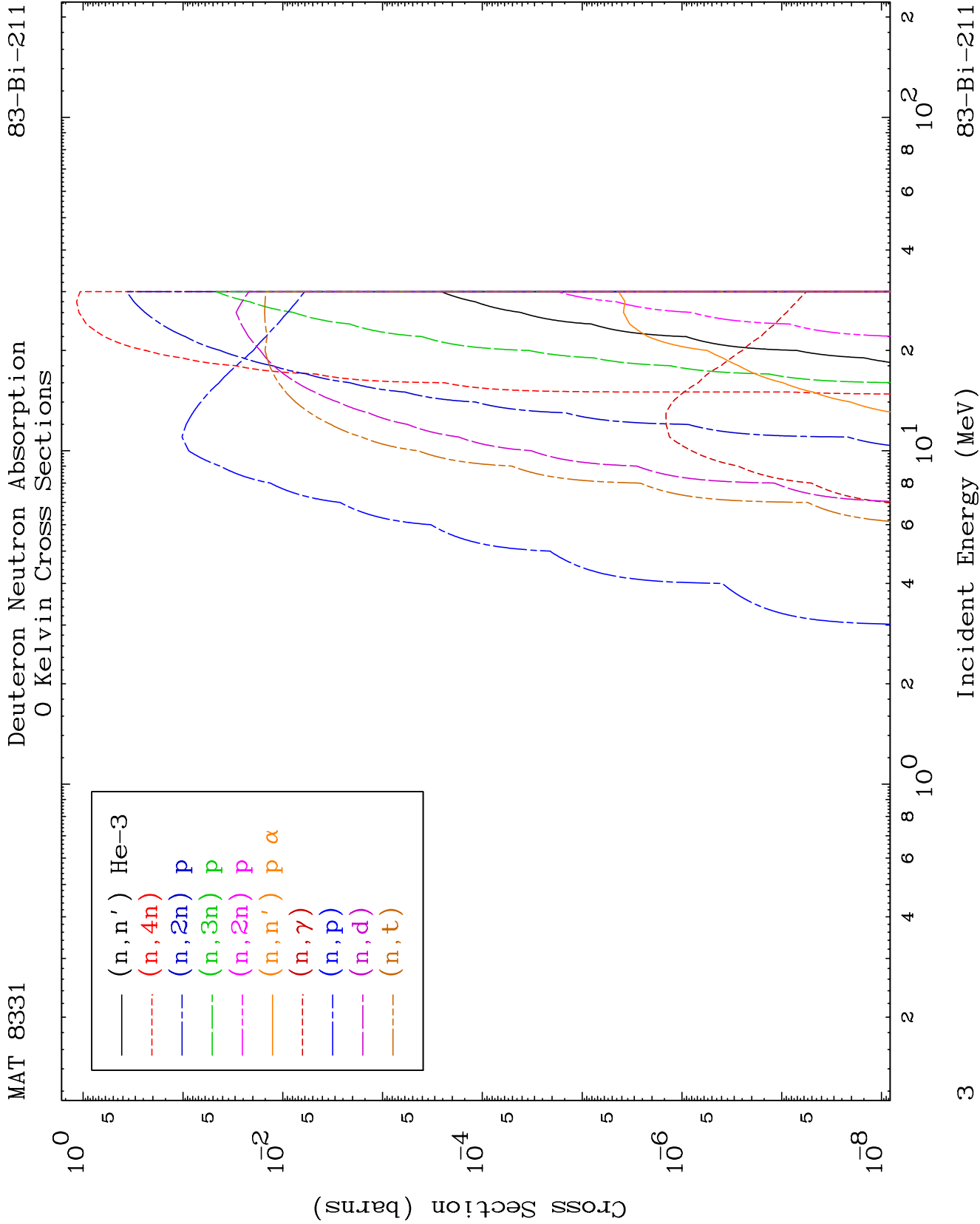
83-Bi-211

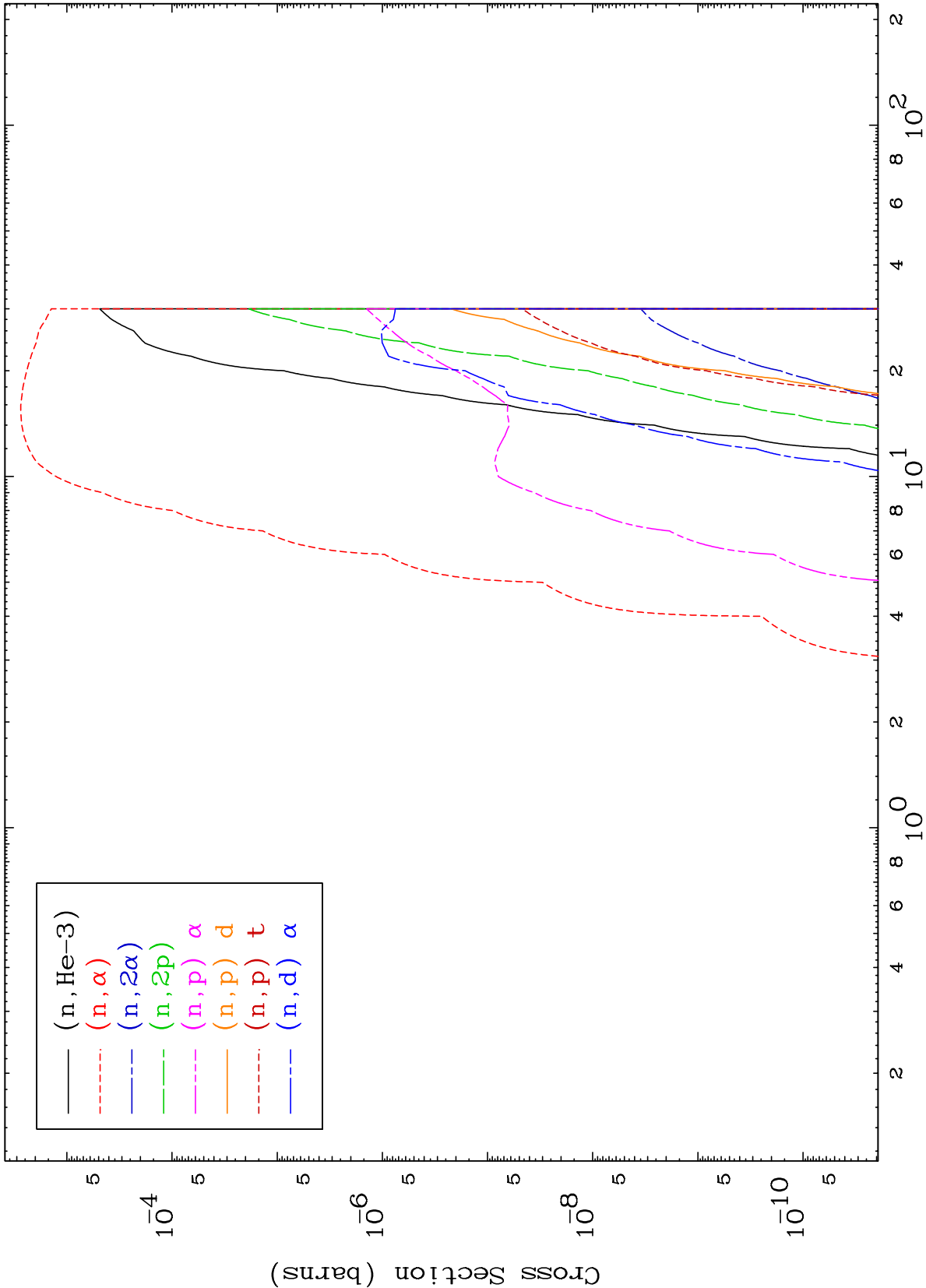
MAT 8331

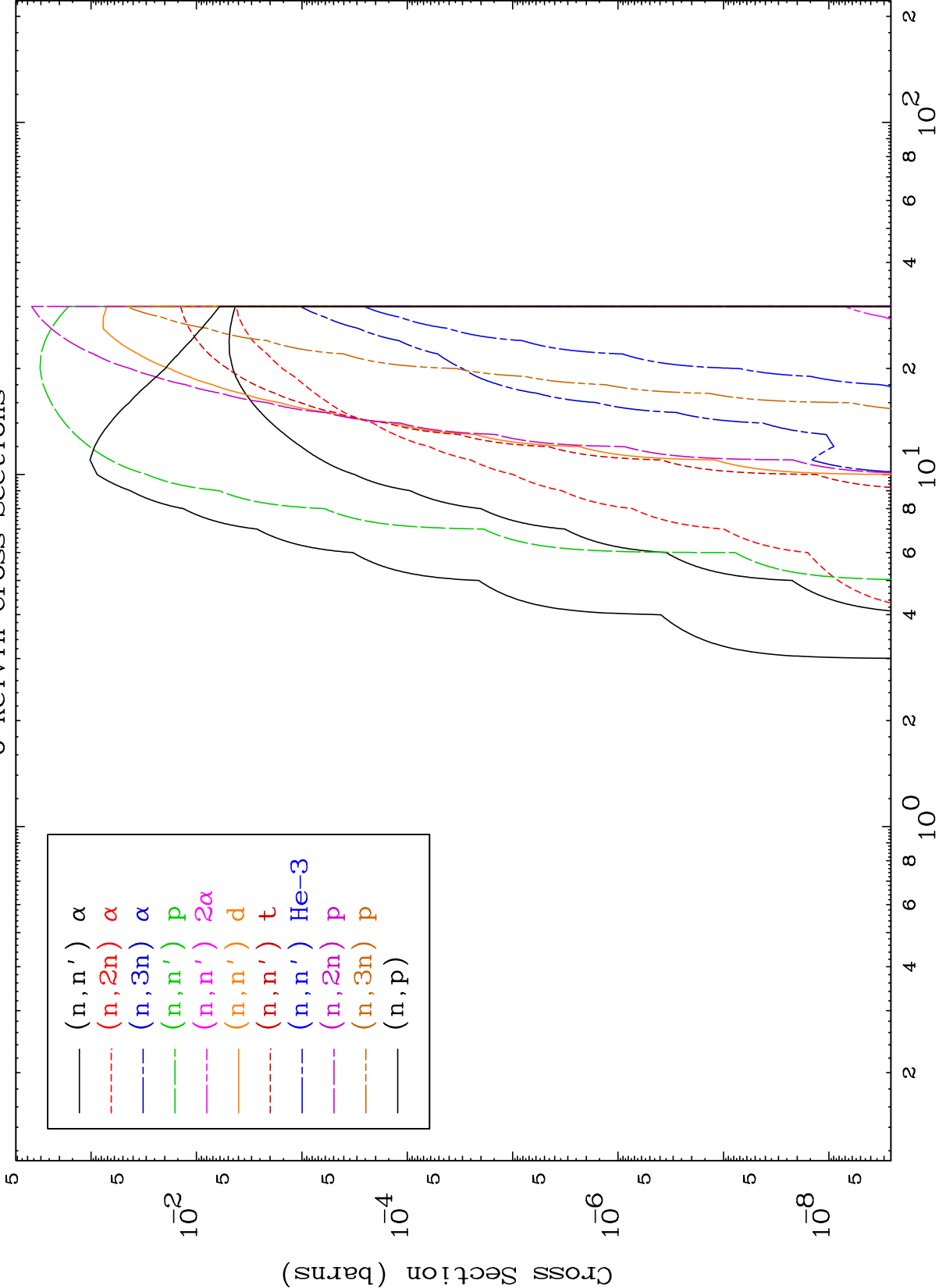
Deuteron Neutron Absorption  
0 Kelvin Cross Sections

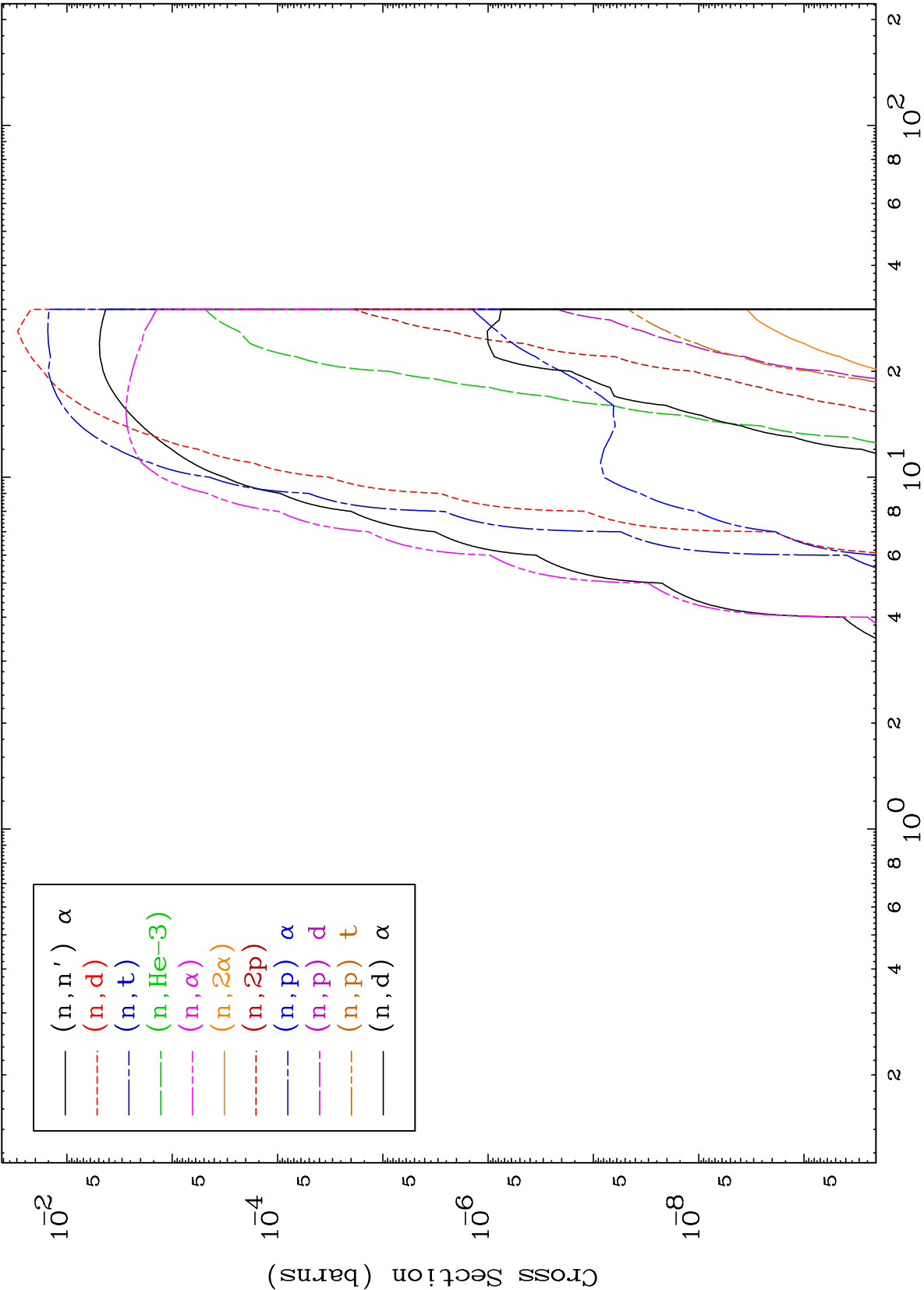
83-Bi-211







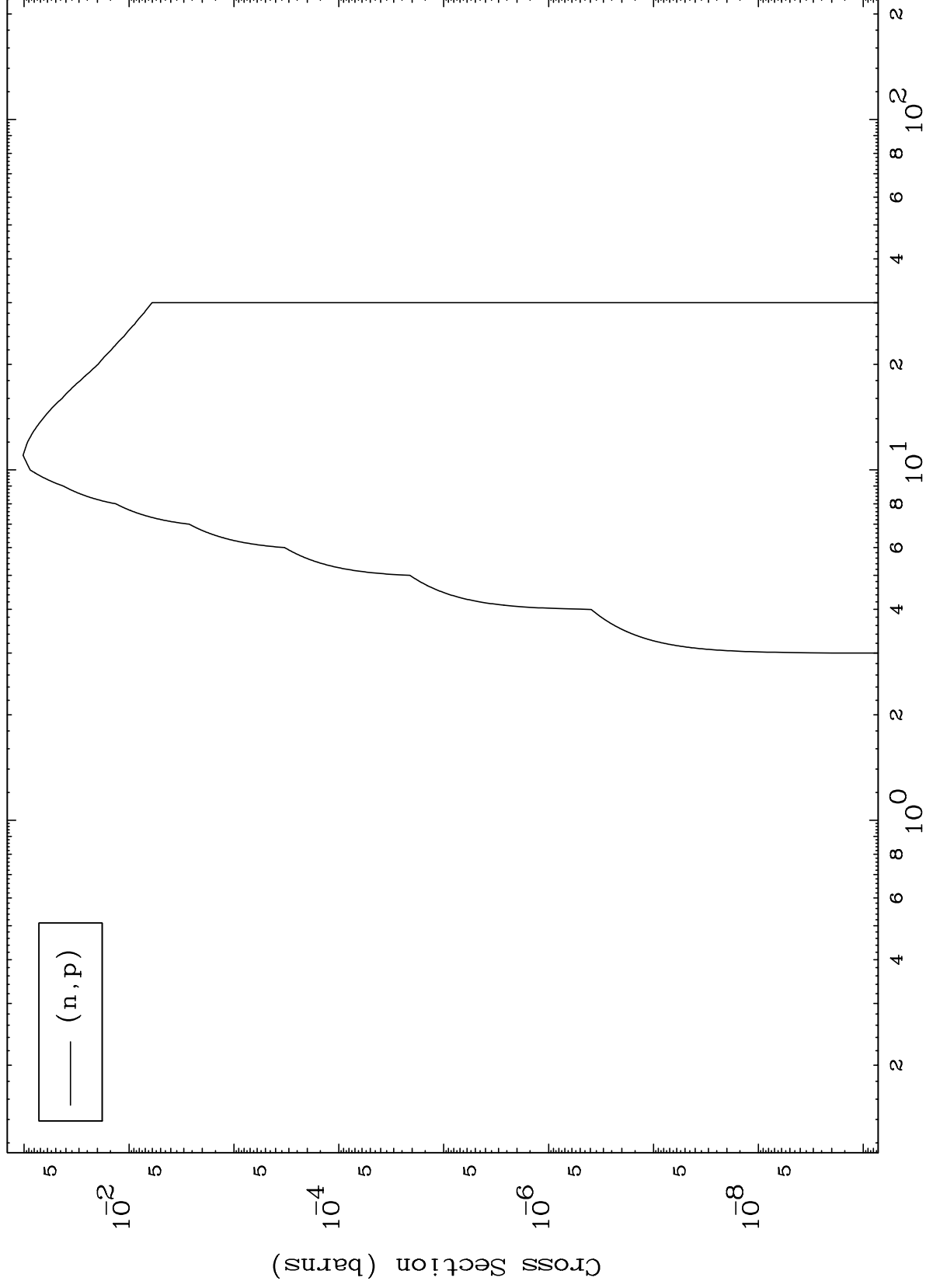




MAT 8331

83-Bi-211

(d,p) Levels  
0 Kelvin Cross Sections



7

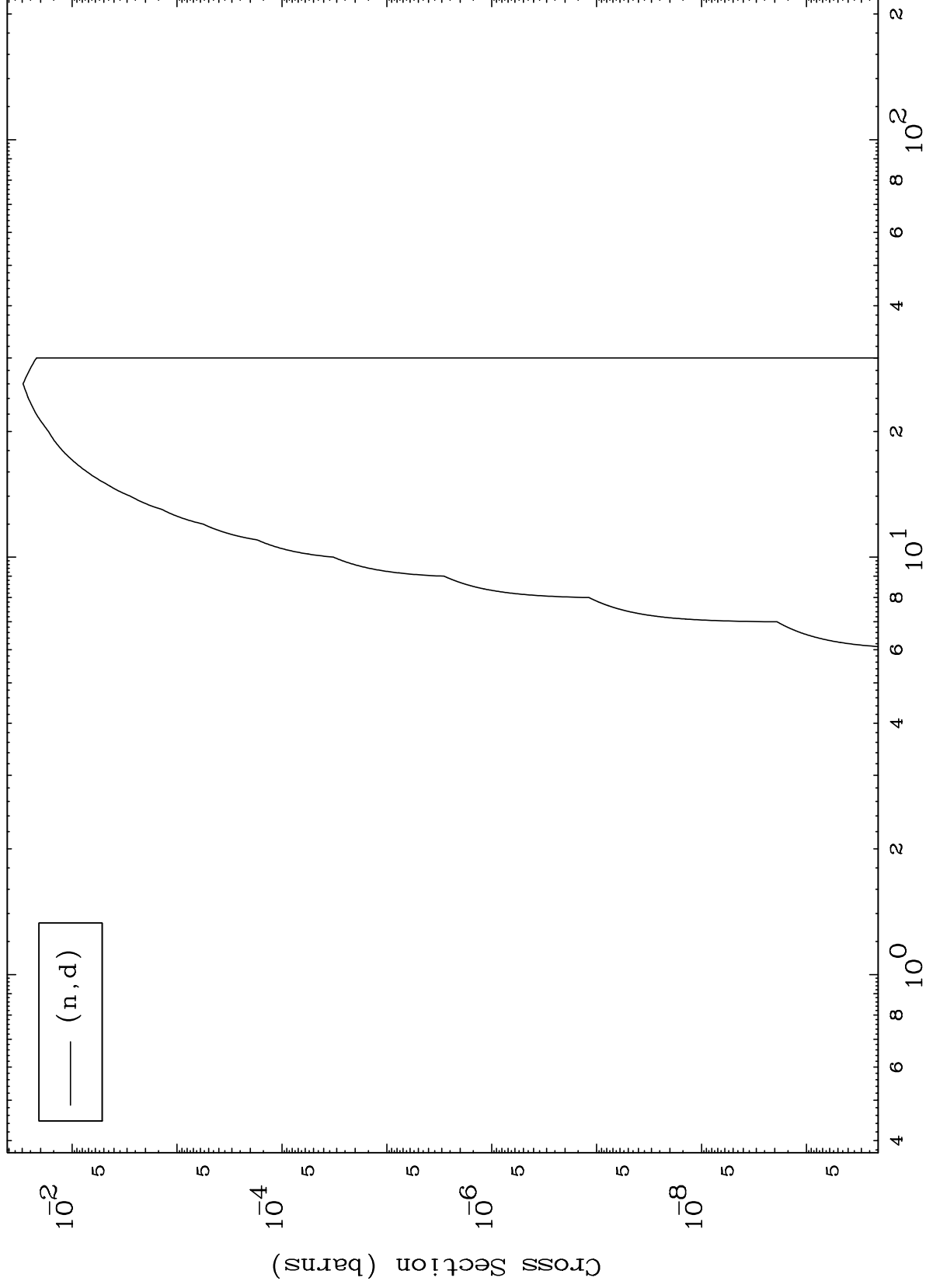
83-Bi-211

Incident Energy (MeV)

MAT 8331

83-Bi-211

(d,d) Levels  
0 Kelvin Cross Sections



83-Bi-211

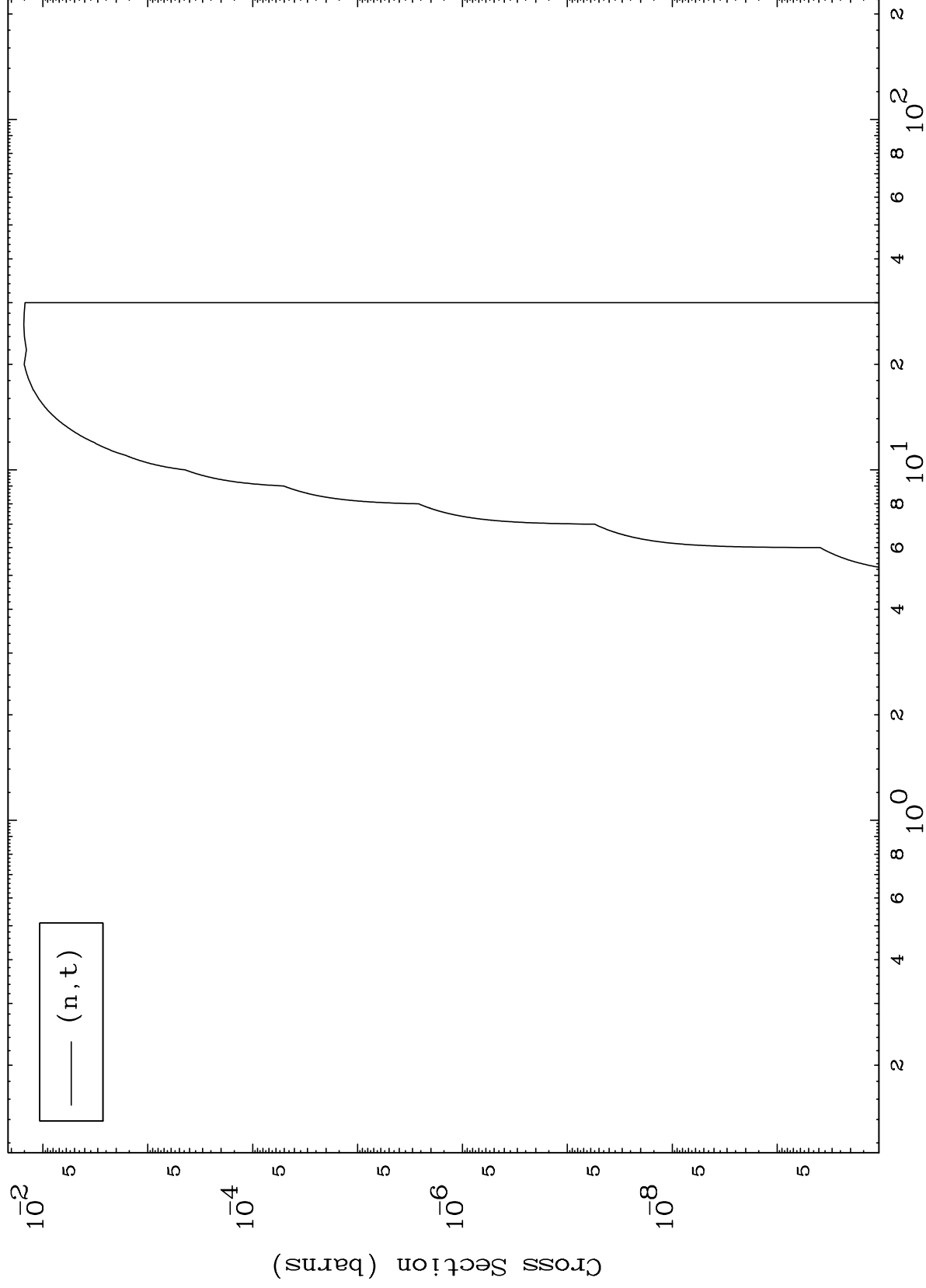
Incident Energy (MeV)

8

MAT 8331

83-Bi-211

(d,t) Levels  
0 Kelvin Cross Sections



9

83-Bi-211

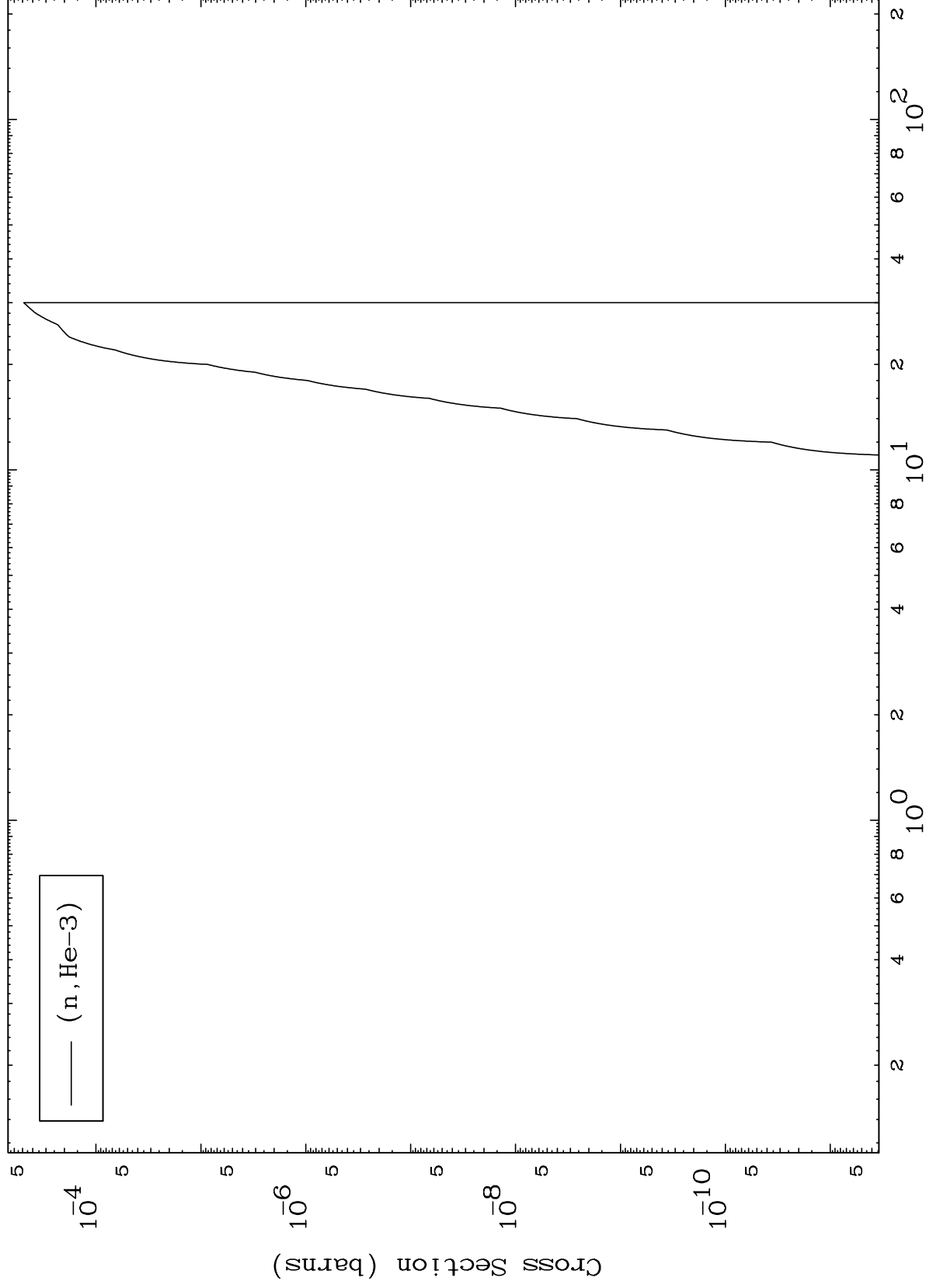
Incident Energy (MeV)

MAT 8331

(d,He3) Levels

83-Bi-211

0 Kelvin Cross Sections



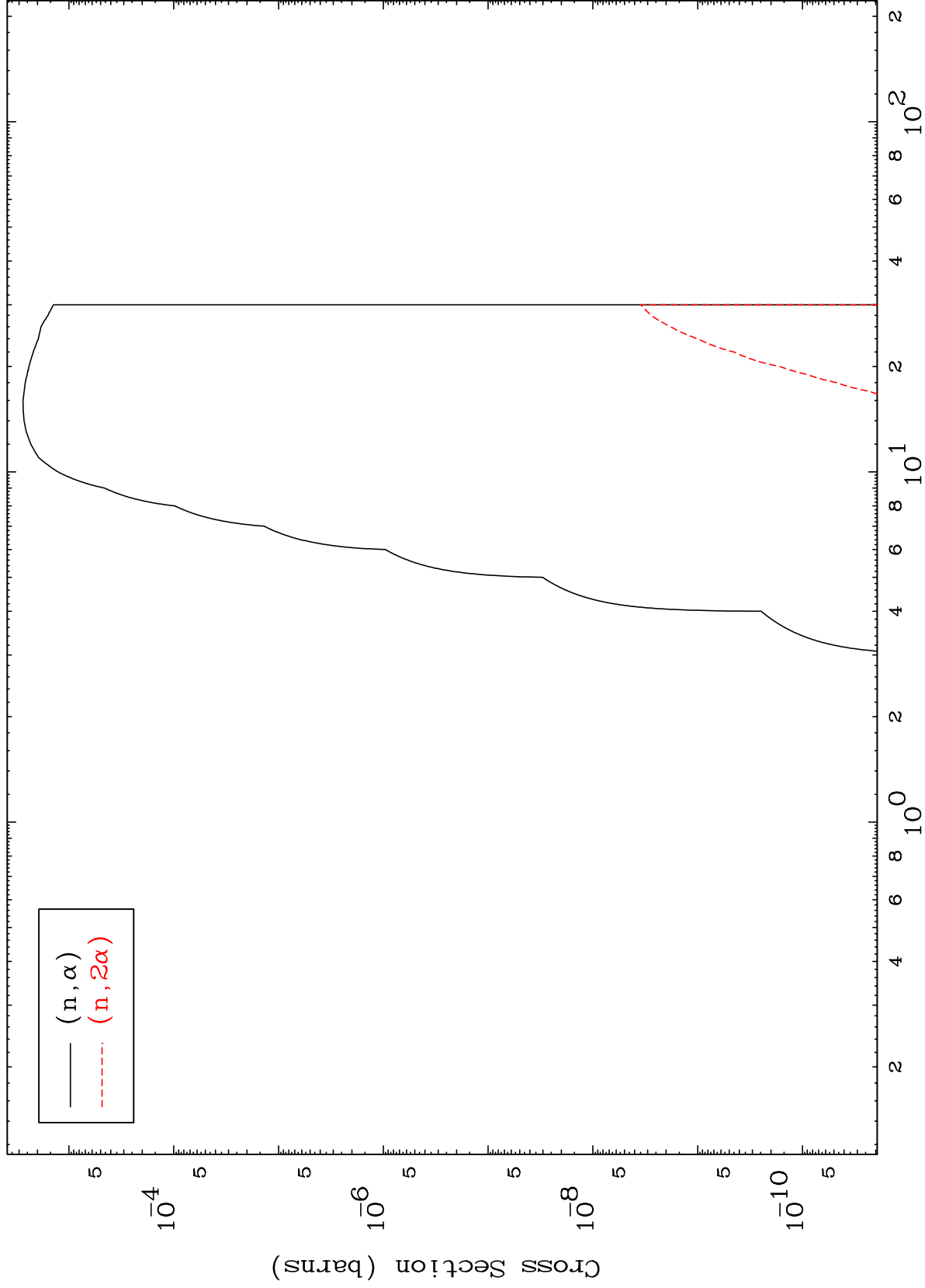
— (n, He-3)

10

Incident Energy (MeV)

83-Bi-211

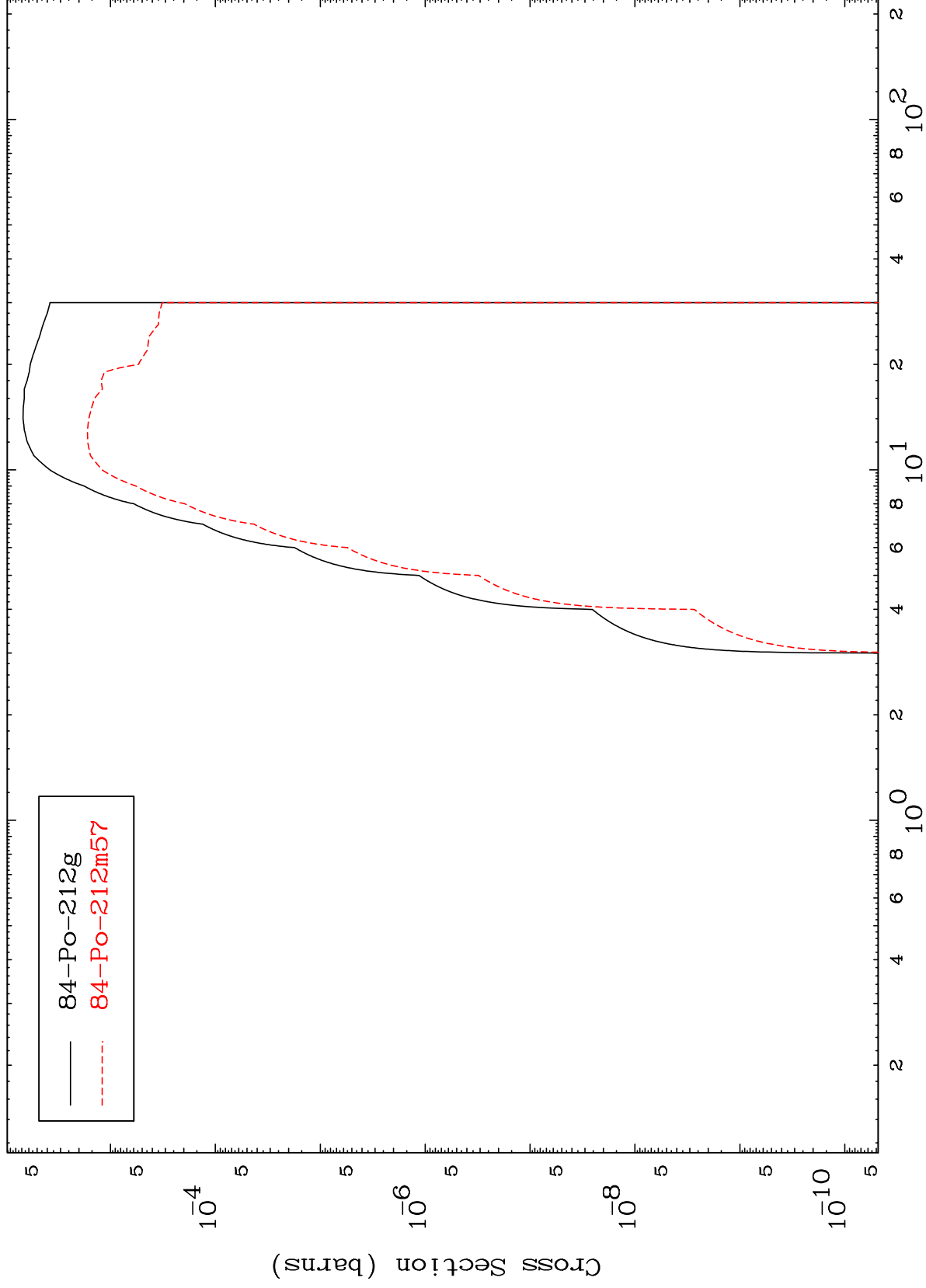
(d, $\alpha$ ) Levels  
0 Kelvin Cross Sections



MAT 8331

83-Bi-211

Inelastic  
Radionuclide Production Cross Section



12

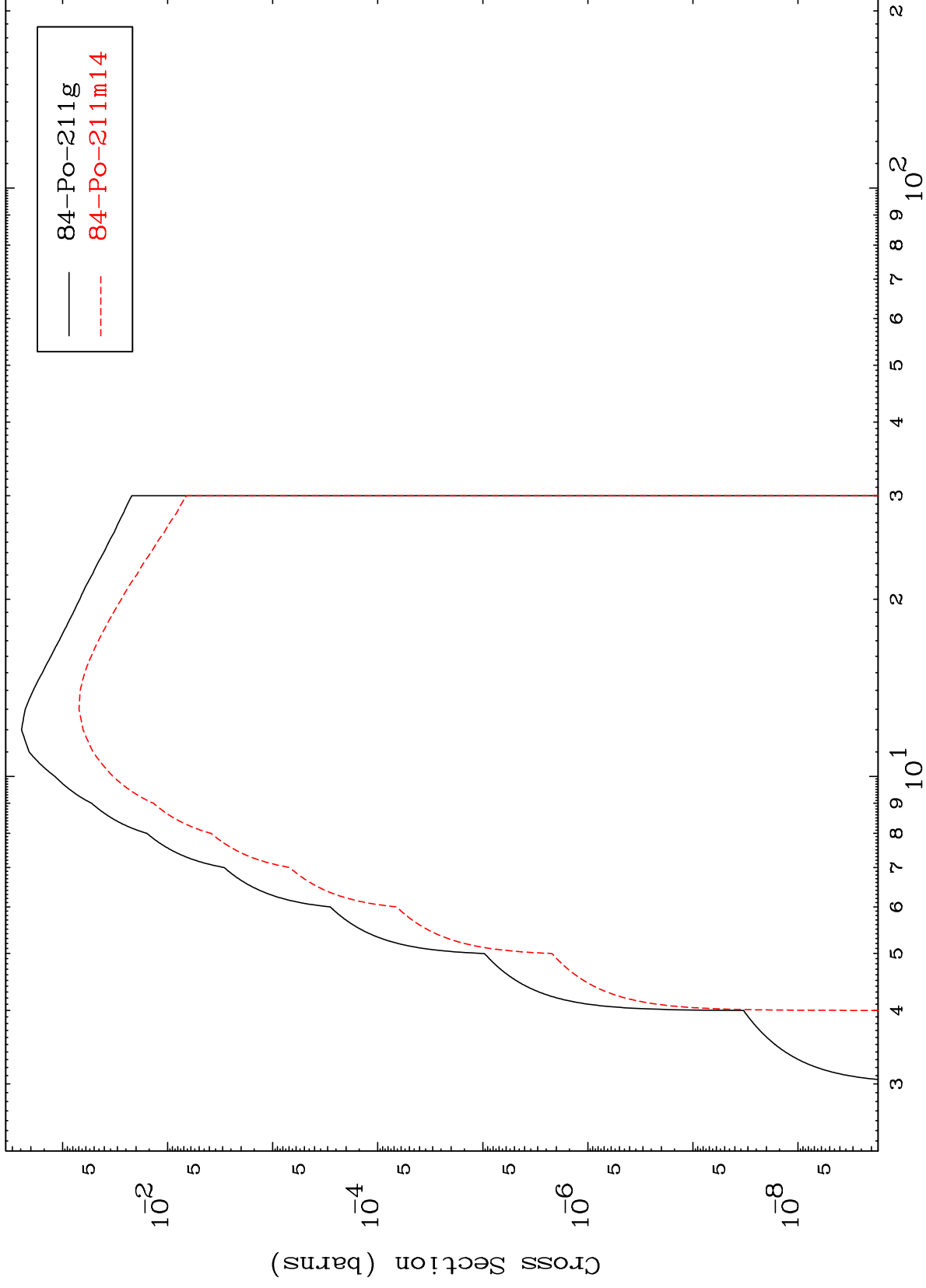
Incident Energy (MeV)

83-Bi-211

MAT 8331

83-Bi-211

(n,2n)  
Radionuclide Production Cross Section



13

Incident Energy (MeV)

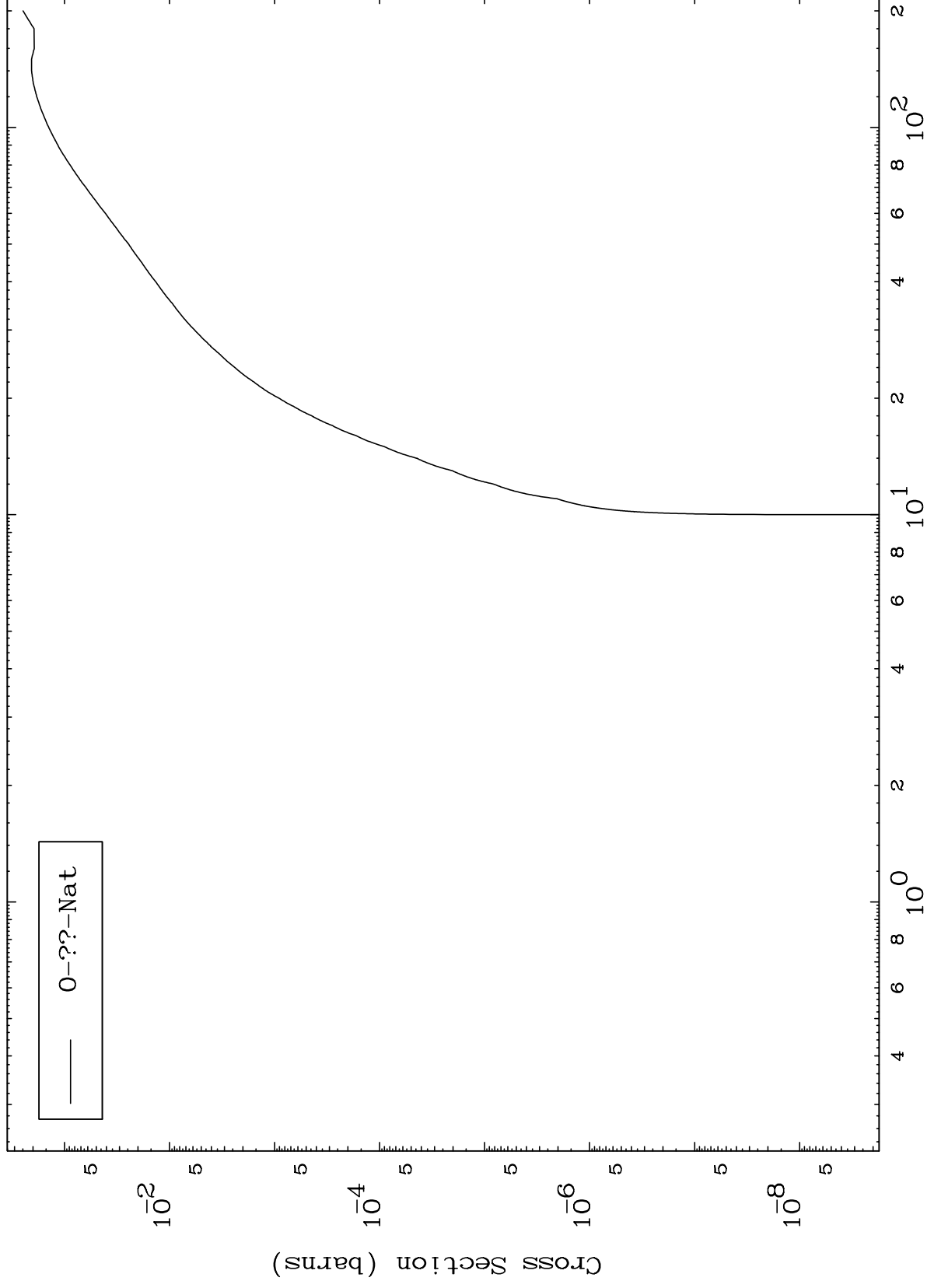
83-Bi-211

MAT 8331

Fission

83-Bi-211

Radionuclide Production Cross Section



14

Incident Energy (MeV)

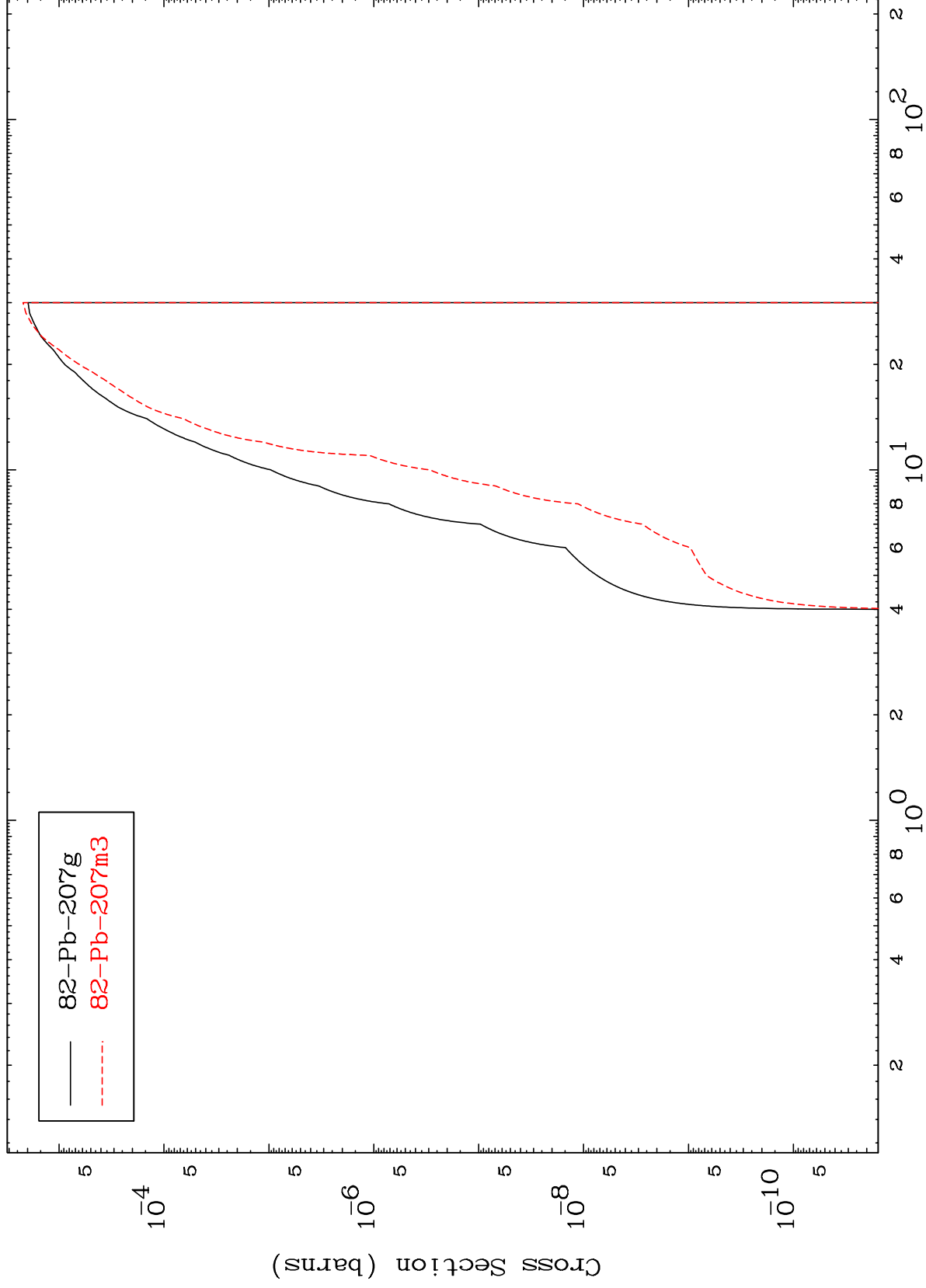
83-Bi-211

MAT 8331

$(n,2n) \alpha$

83-Bi-211

Radionuclide Production Cross Section



15

Incident Energy (MeV)

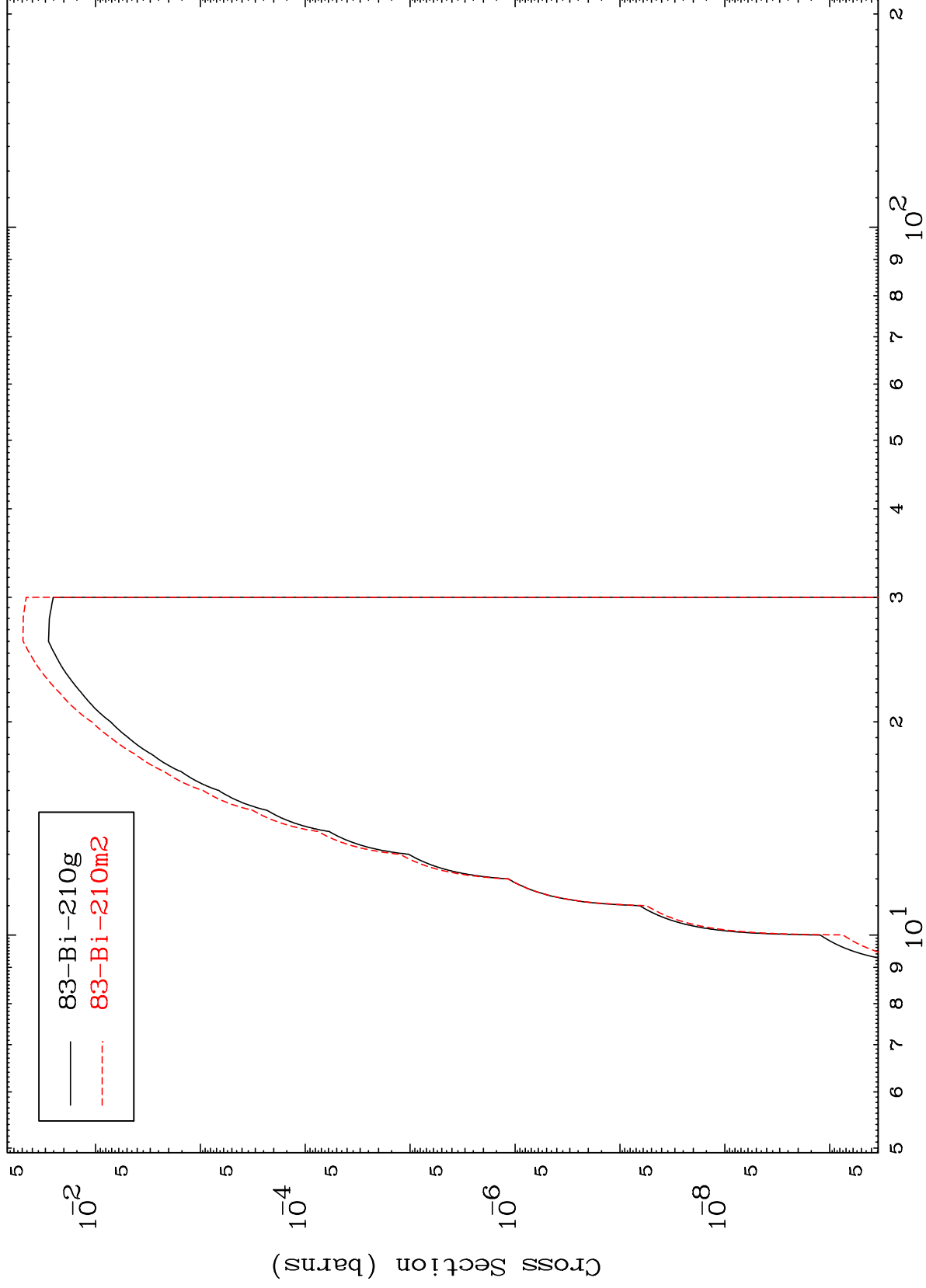
83-Bi-211

MAT 8331

83-Bi-211

(n,n') d

Radionuclide Production Cross Section



83-Bi-211

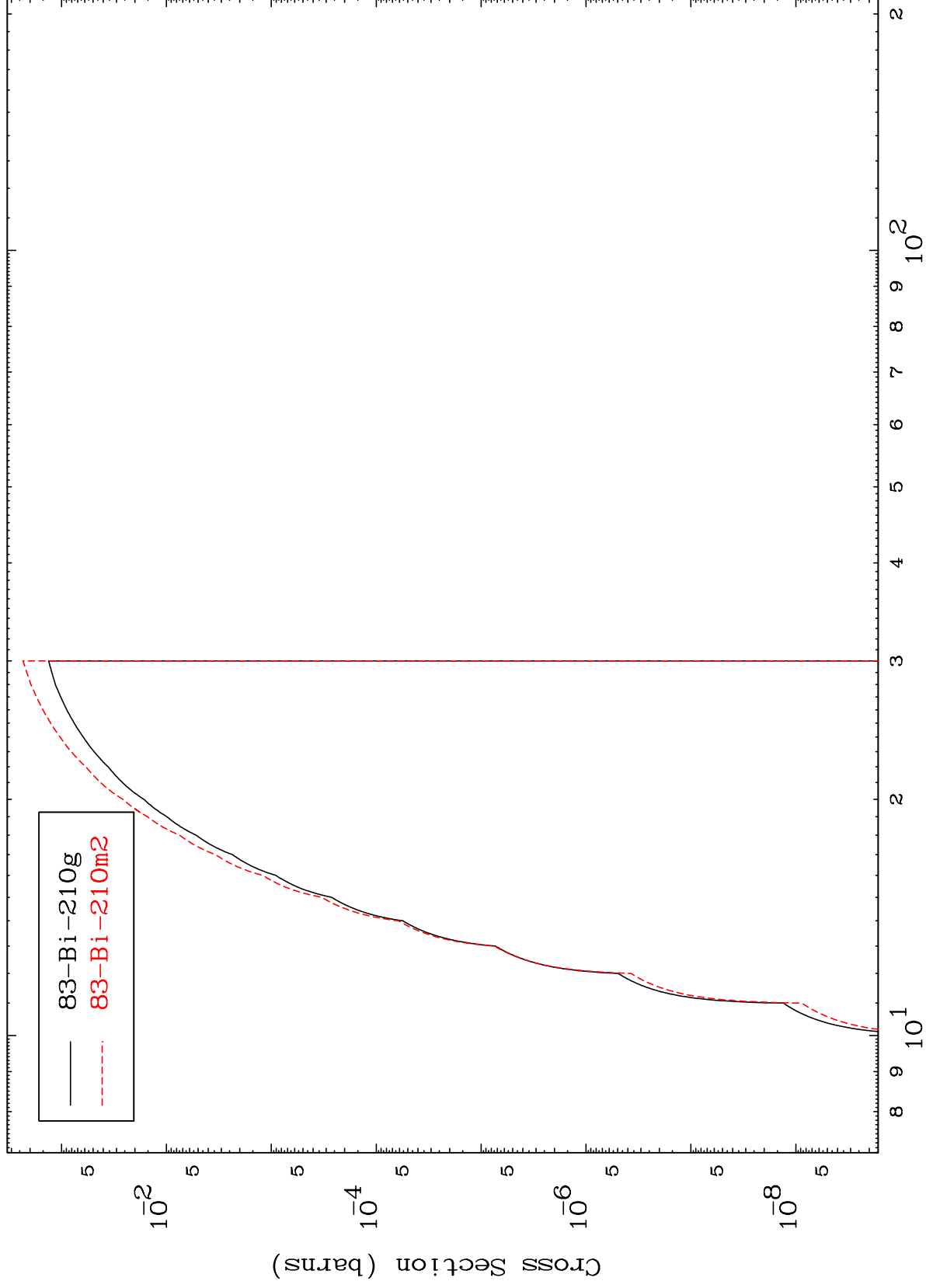
Incident Energy (MeV)

16

MAT 8331

83-Bi-211

(n,2n) p  
Radionuclide Production Cross Section



17

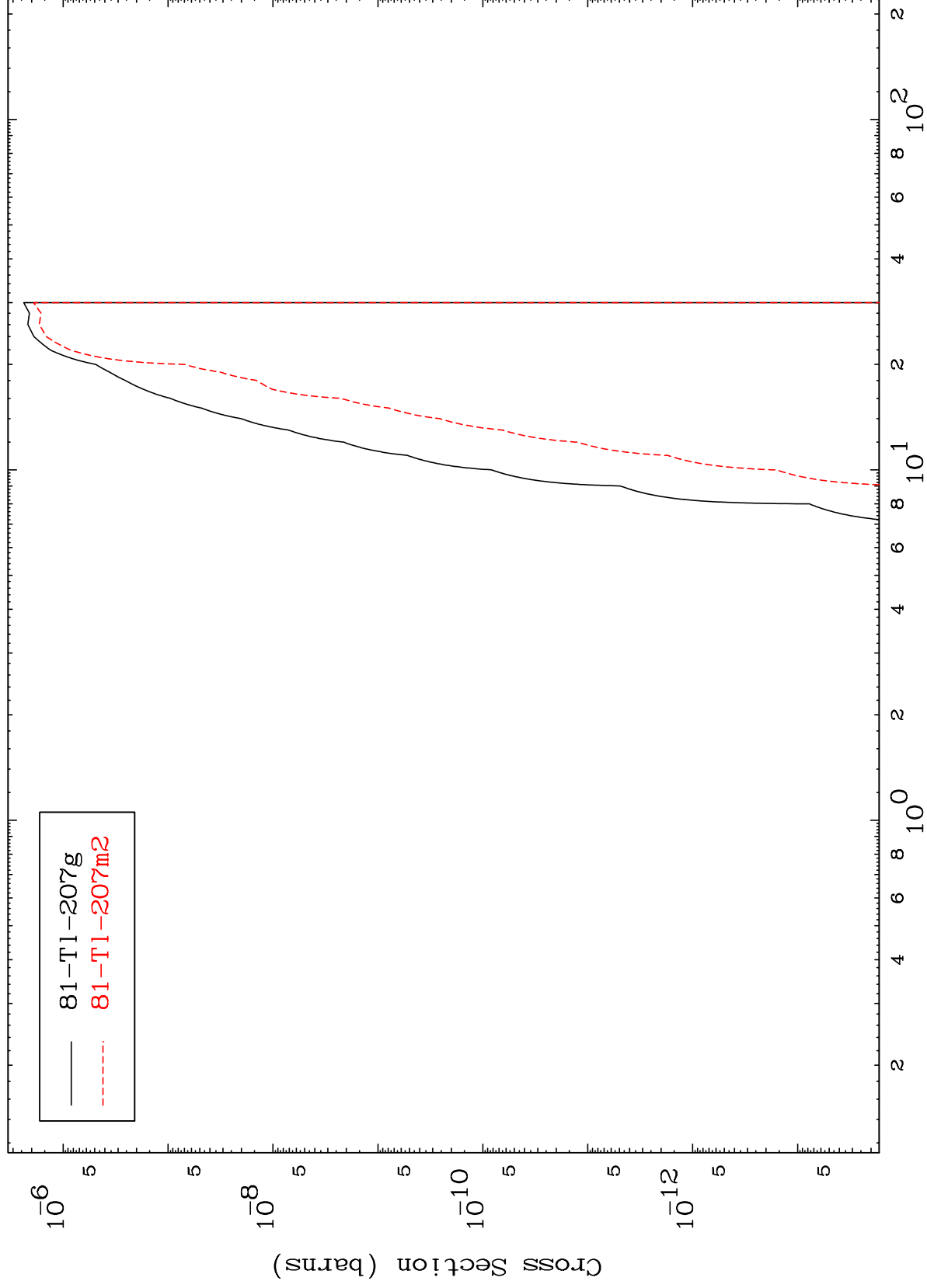
Incident Energy (MeV)

83-Bi-211

MAT 8331

83-Bi-211

(n,n') p  $\alpha$   
Radionuclide Production Cross Section



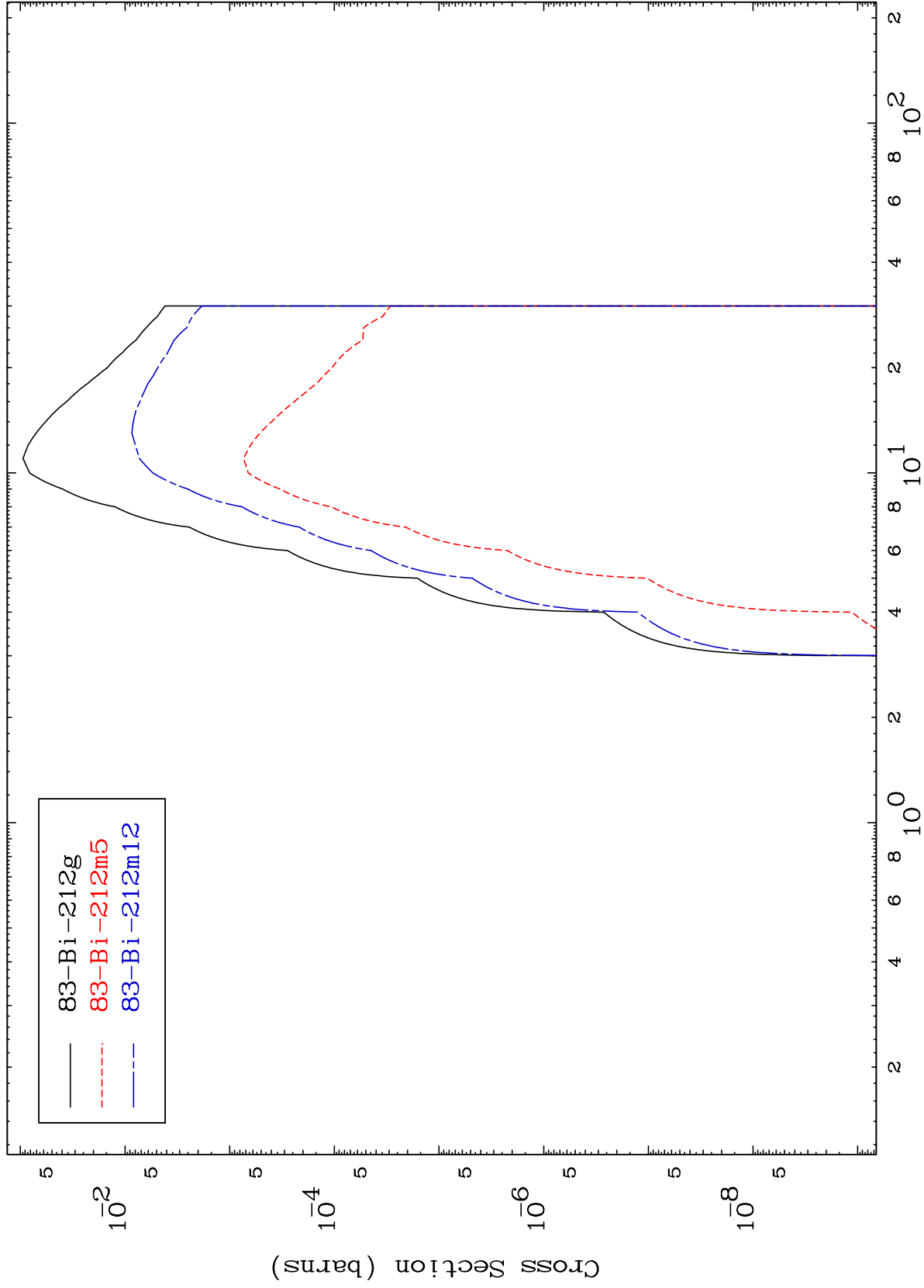
18

83-Bi-211

MAT 8331

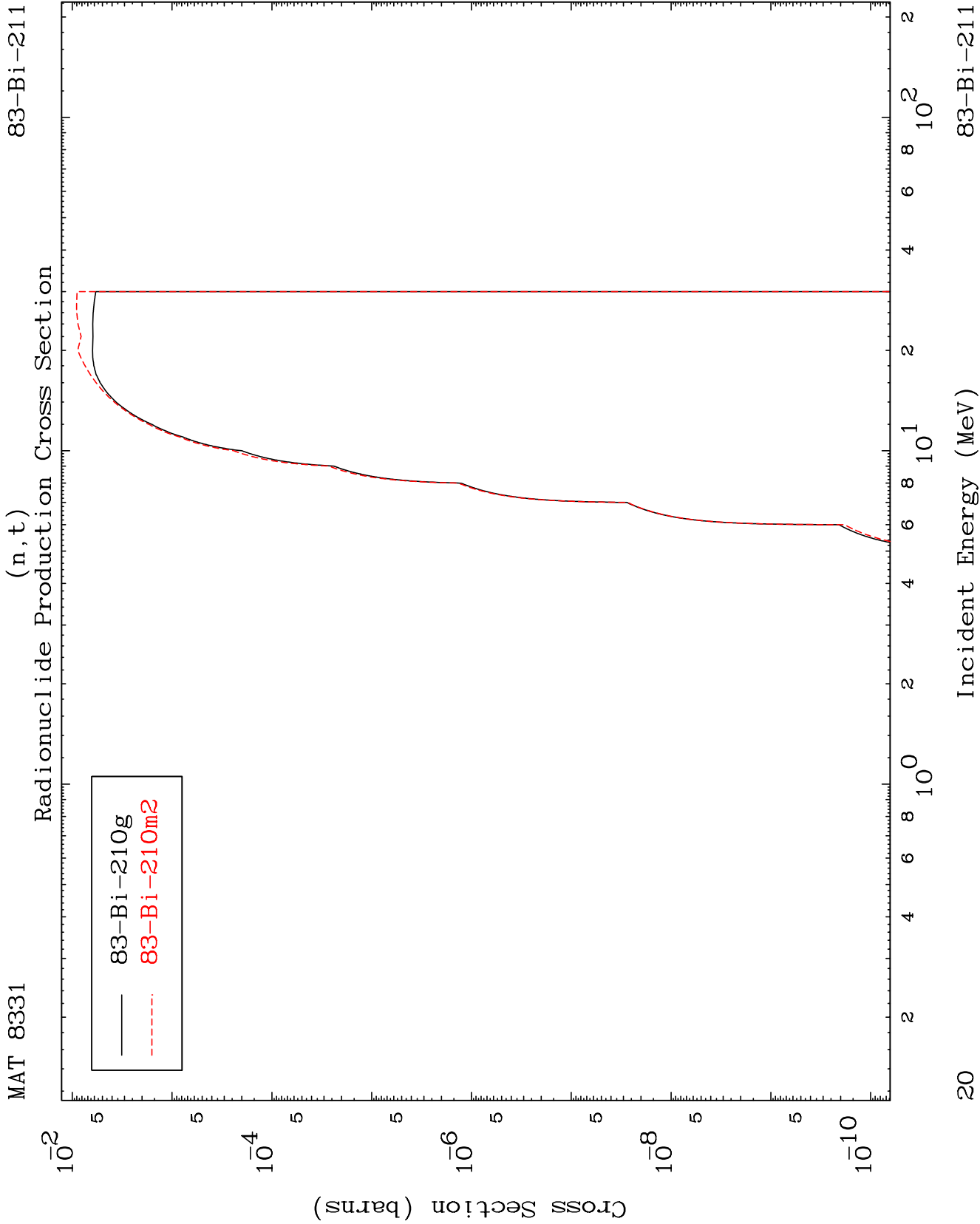
83-Bi-211

(n,p)  
Radionuclide Production Cross Section



19

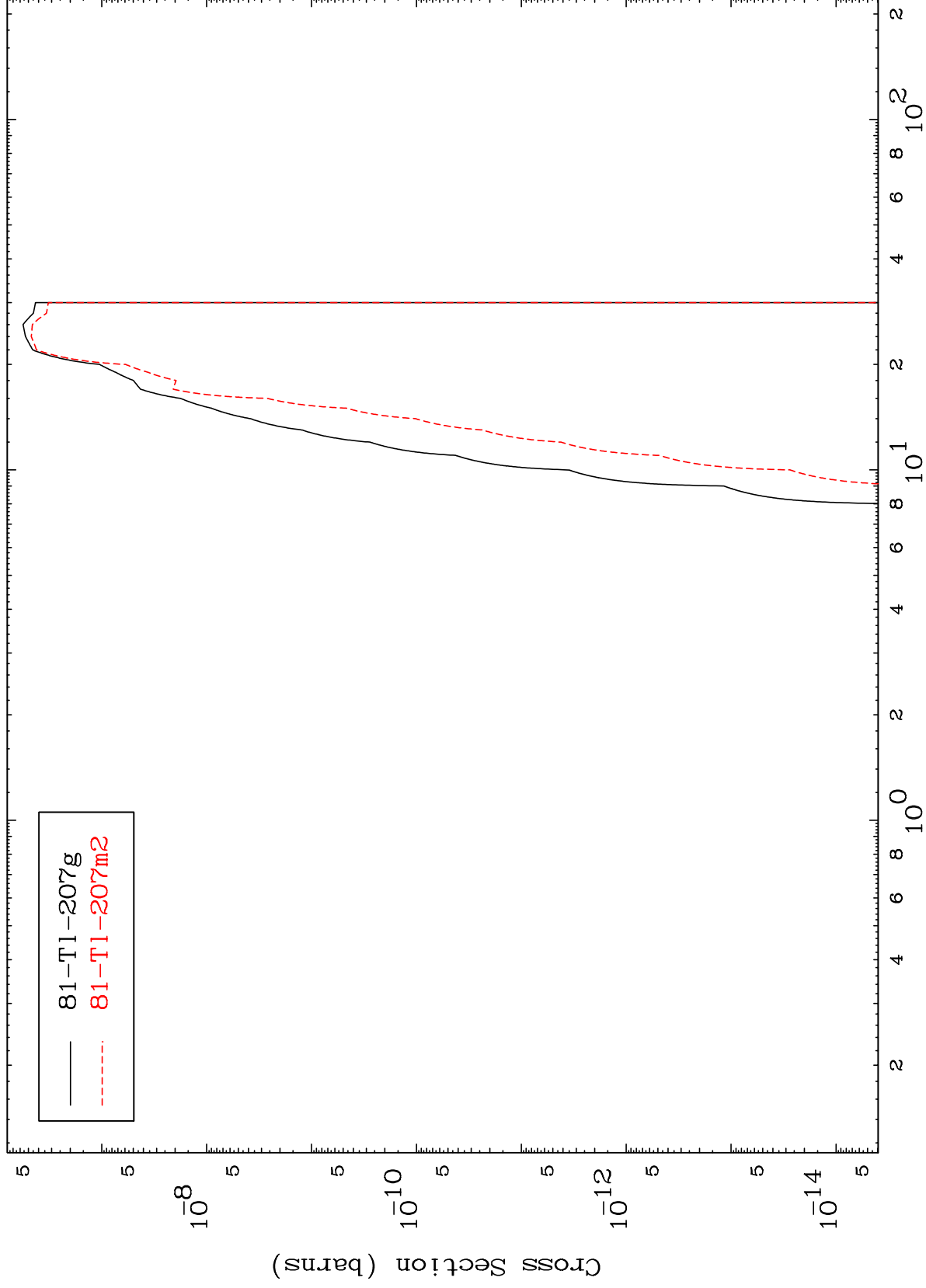
83-Bi-211



MAT 8331

83-Bi-211

(n,d)  $\alpha$   
Radionuclide Production Cross Section



21

83-Bi-211

Incident Energy (MeV)