

Program EVALPLOT
(Version 2018-1)

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
Web: redcullen1.net/HOMEPAGE.NEW

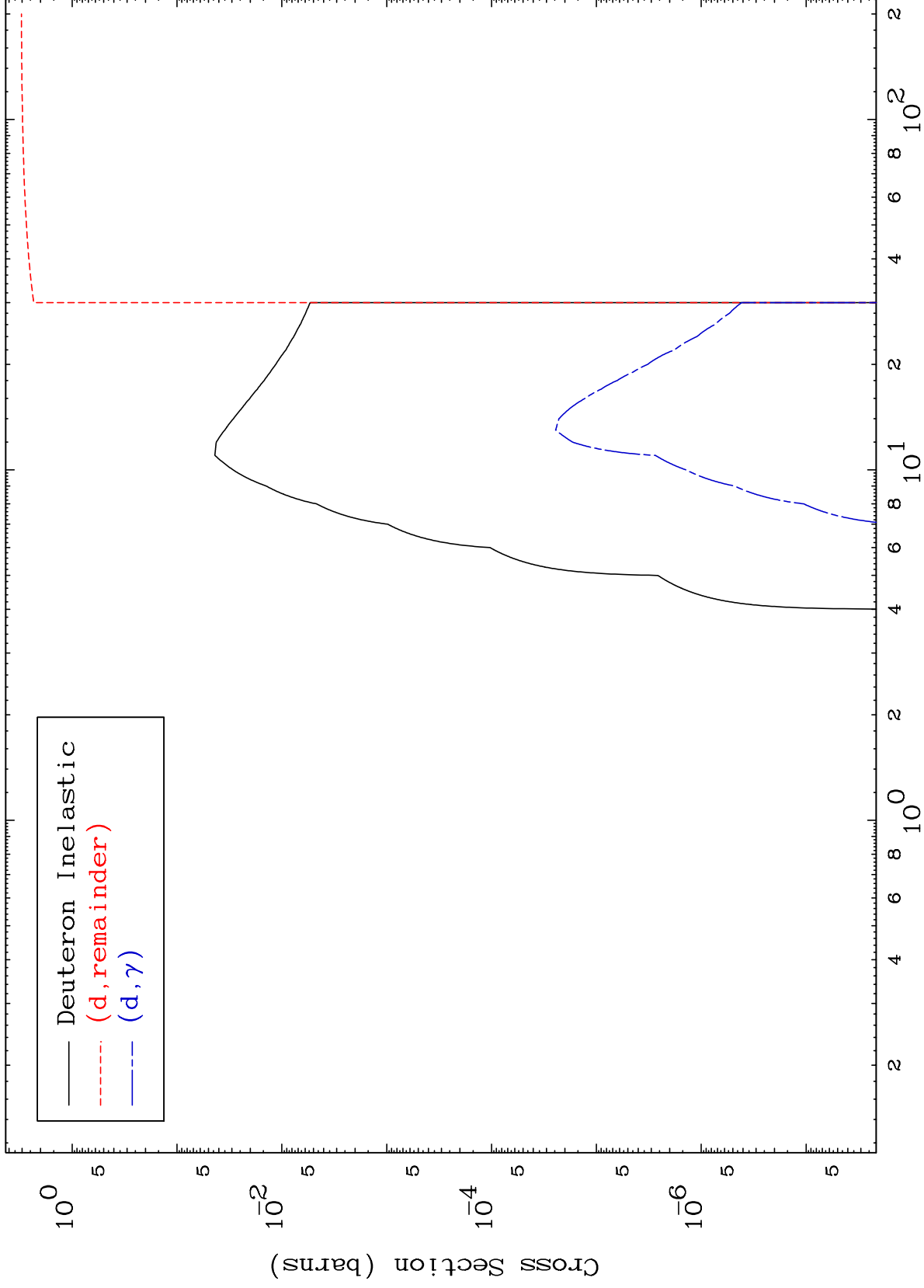
Press Mouse Button to Start

MAT 8275

Deuteron Major

83-Bi-192

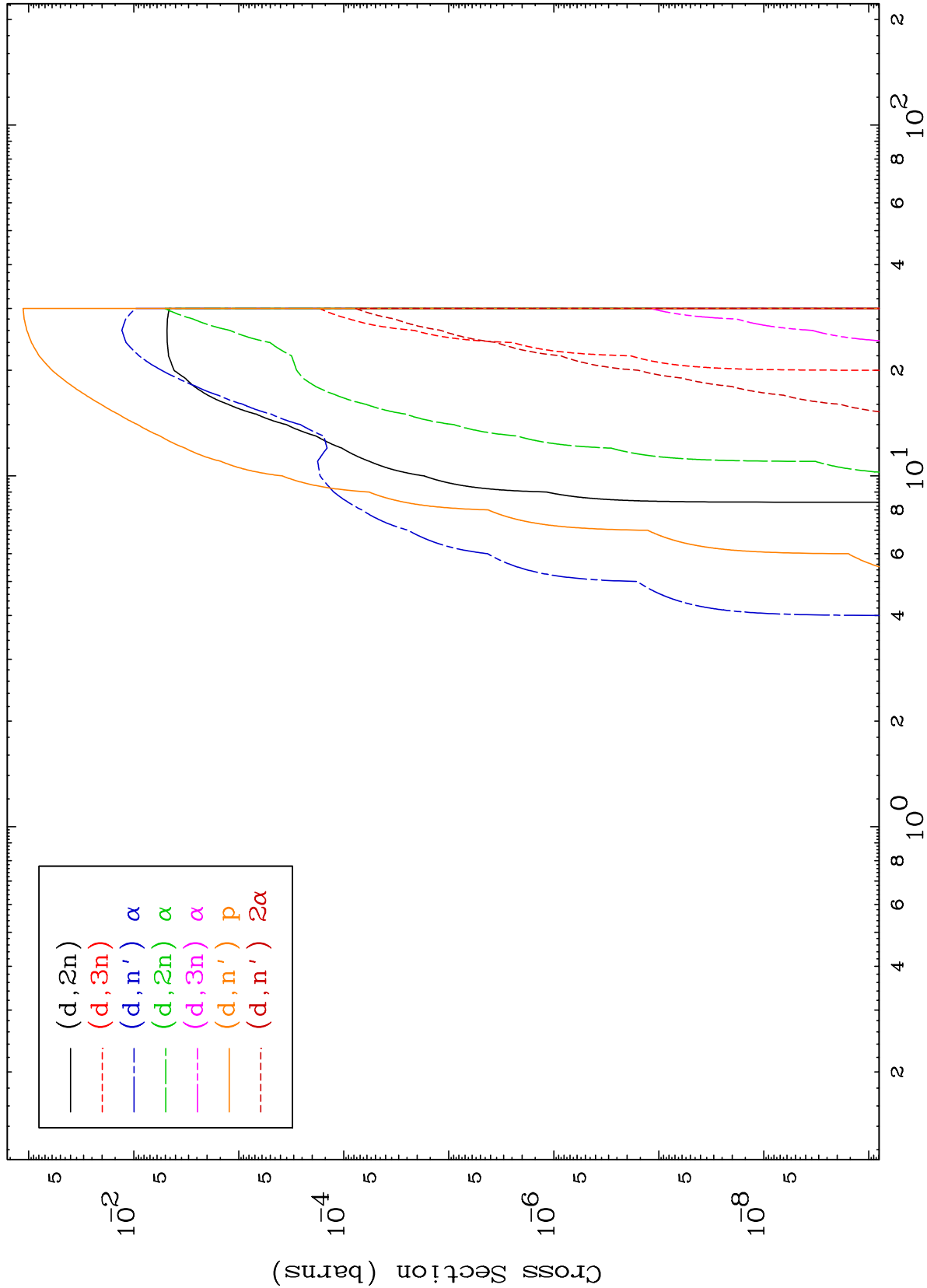
0 Kelvin Cross Sections

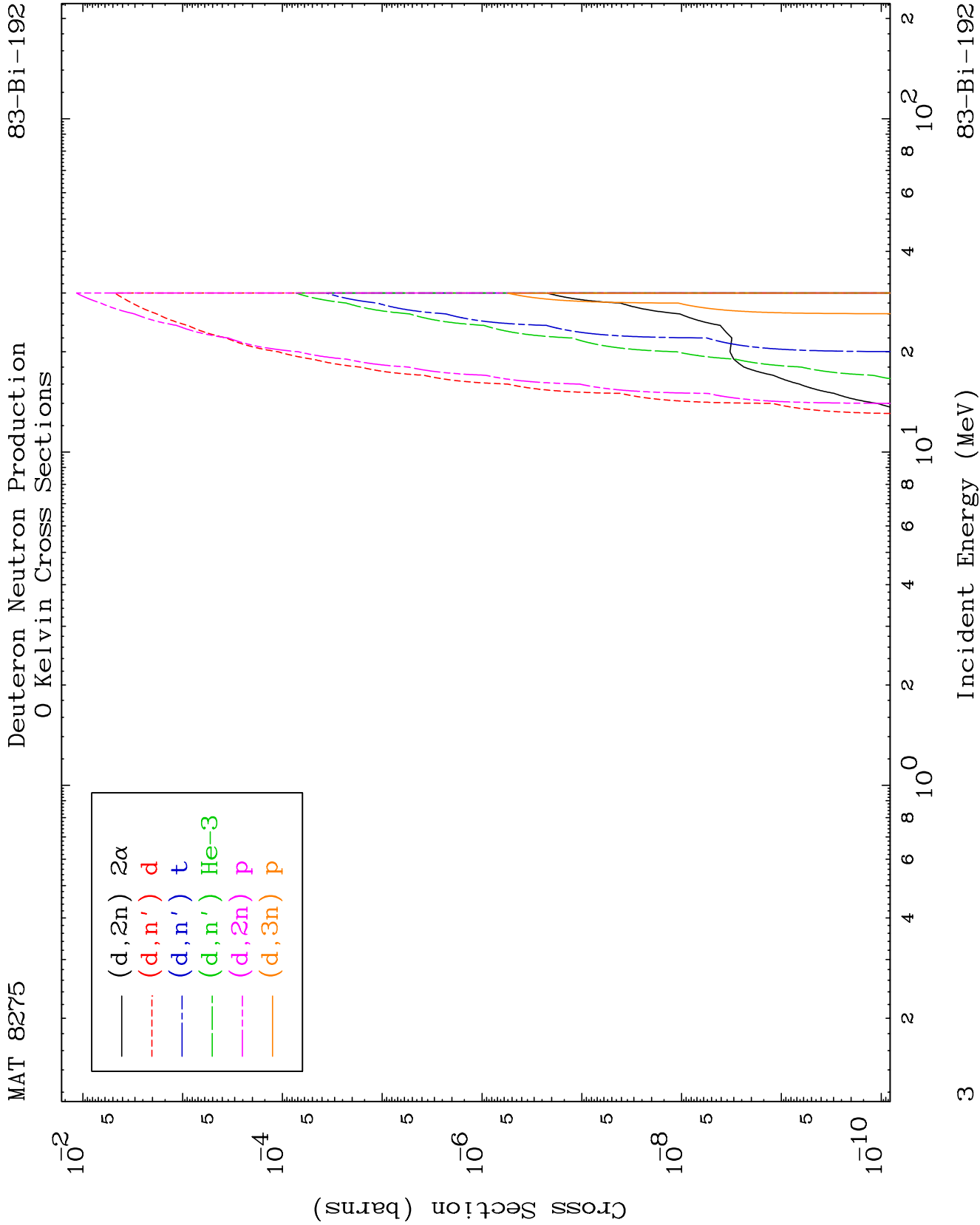


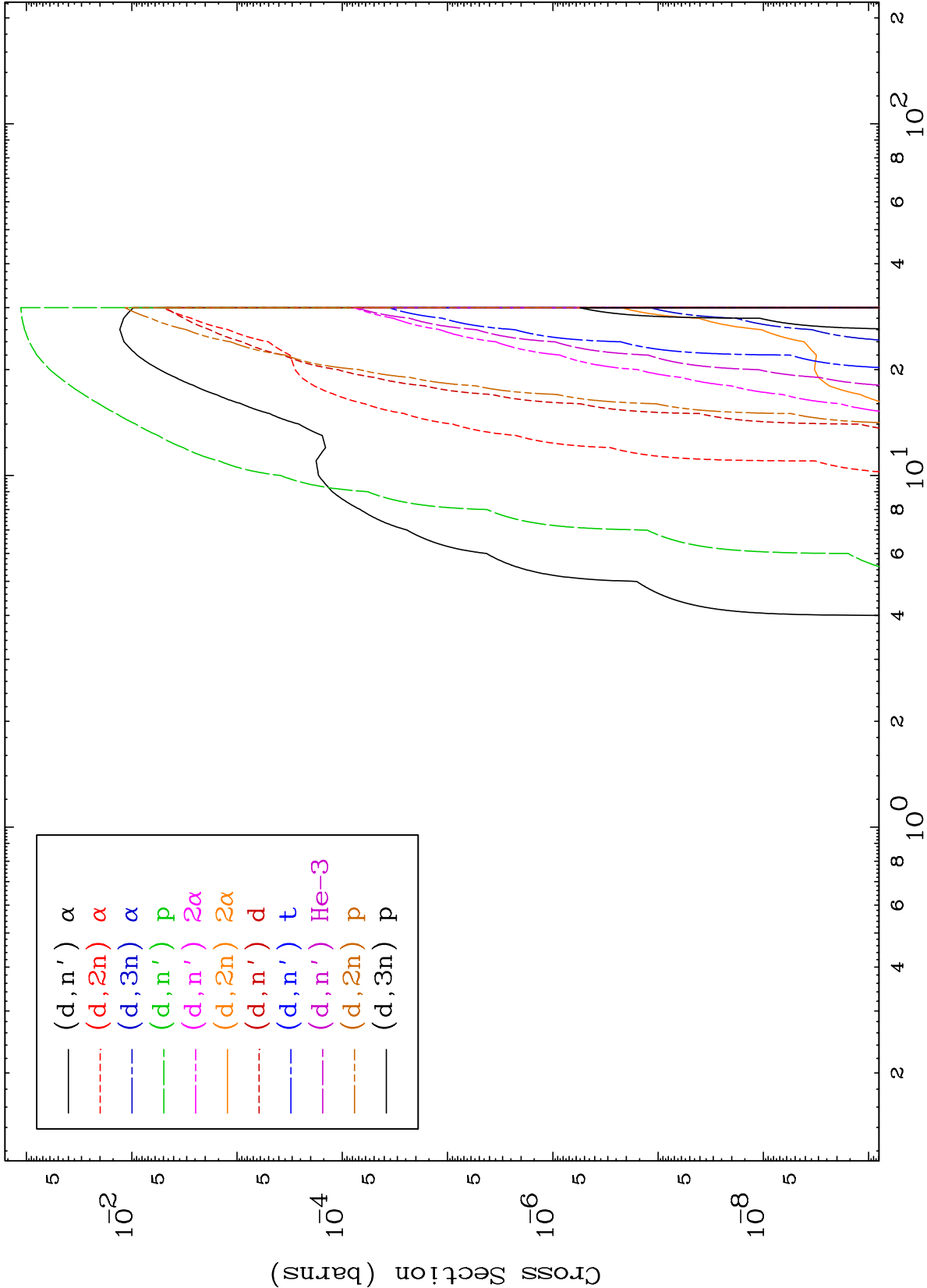
1

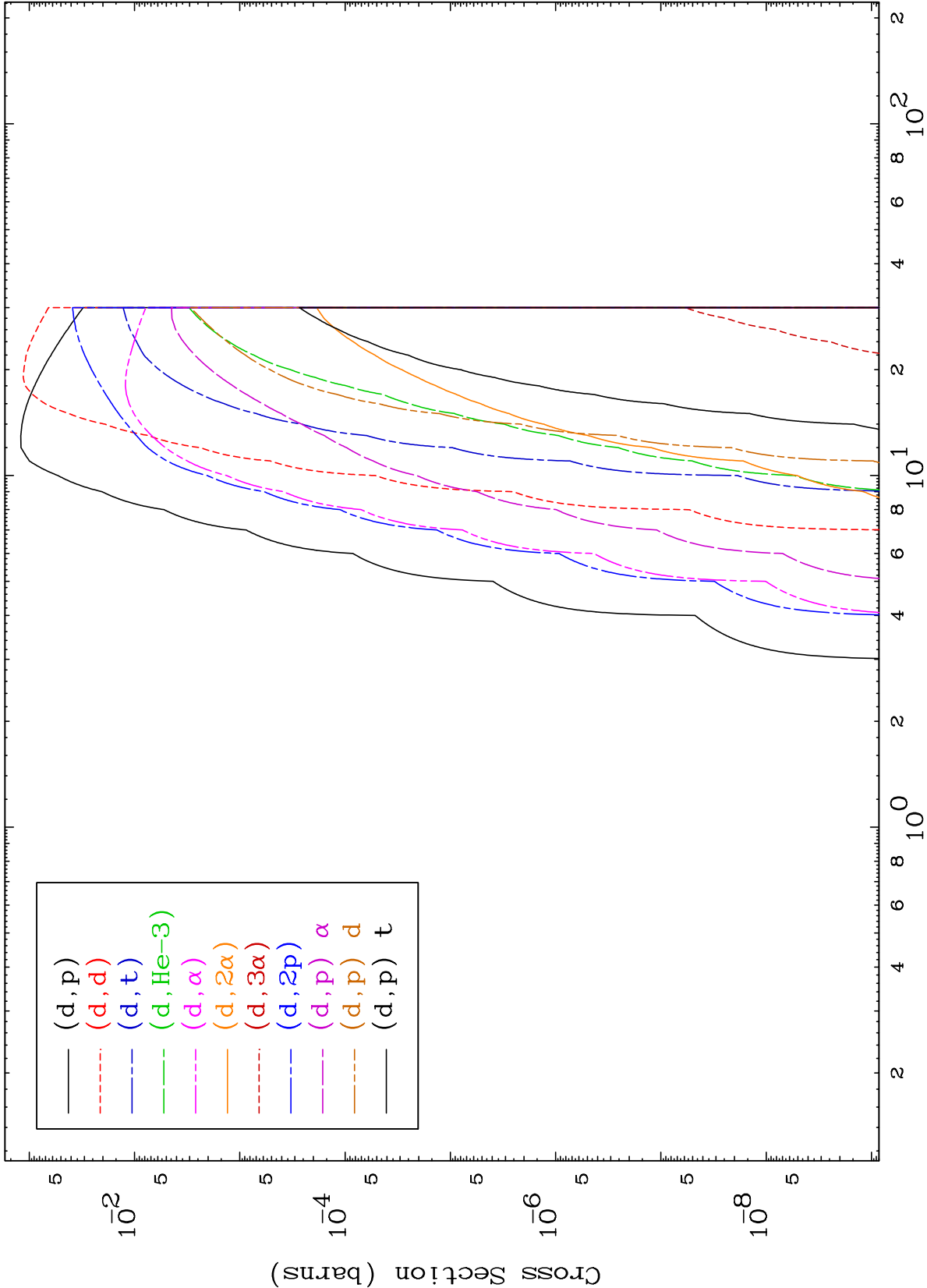
Incident Energy (MeV)

83-Bi-192





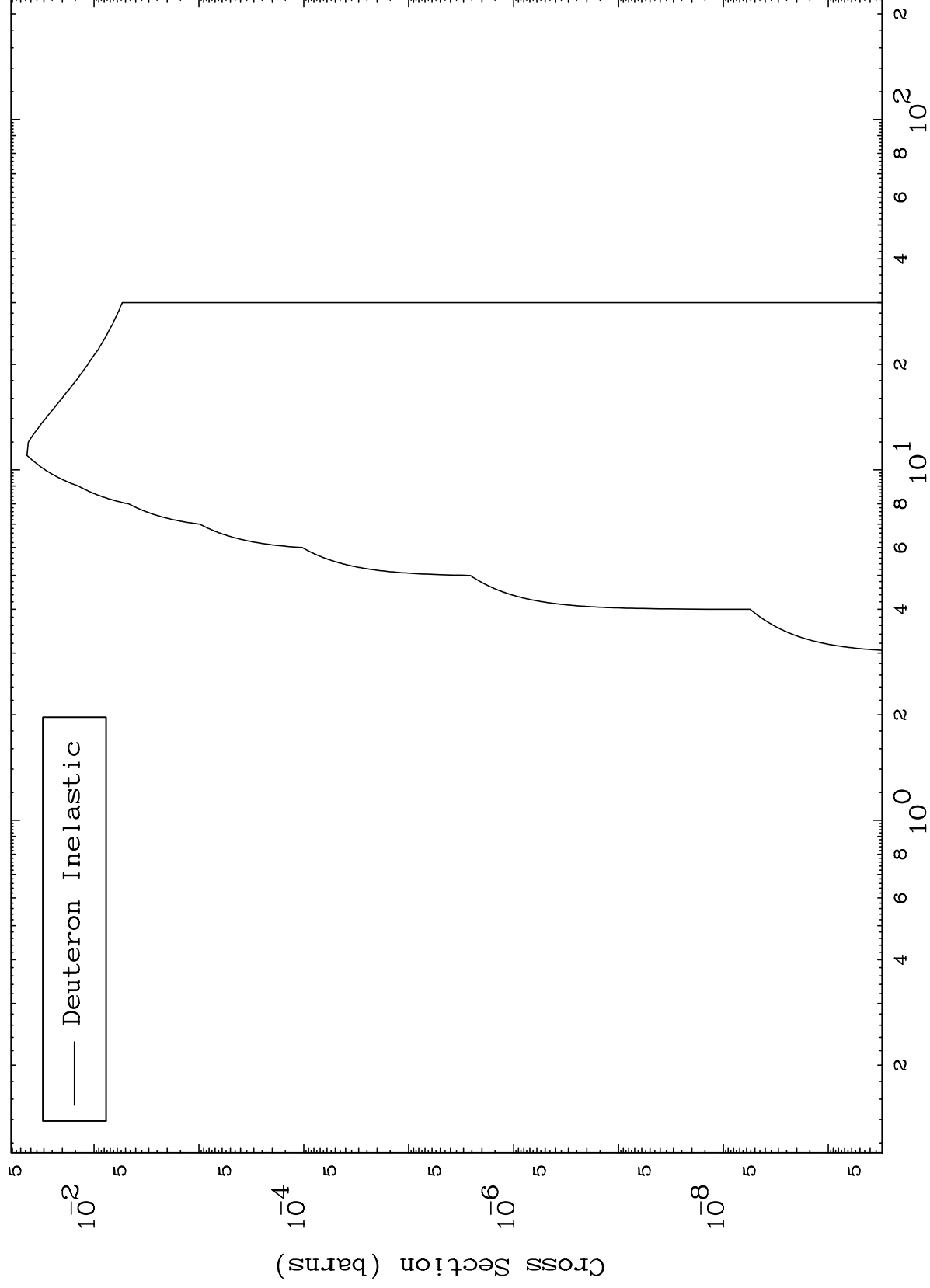




MAT 8275

83-Bi-192

(d,n') Level
0 Kelvin Cross Sections



83-Bi-192

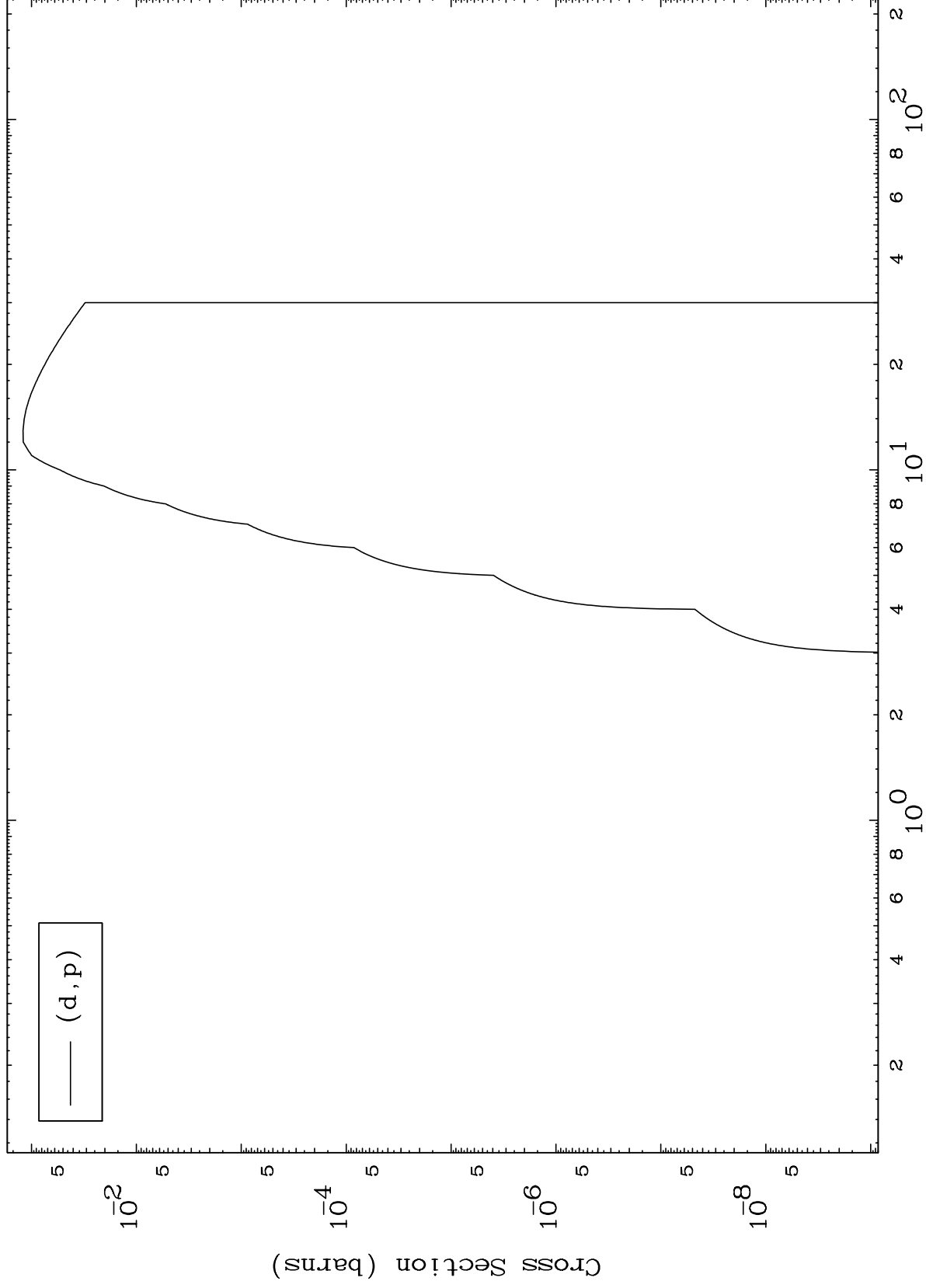
Incident Energy (MeV)

6

MAT 8275

83-Bi-192

(d,p) Levels
0 Kelvin Cross Sections



7

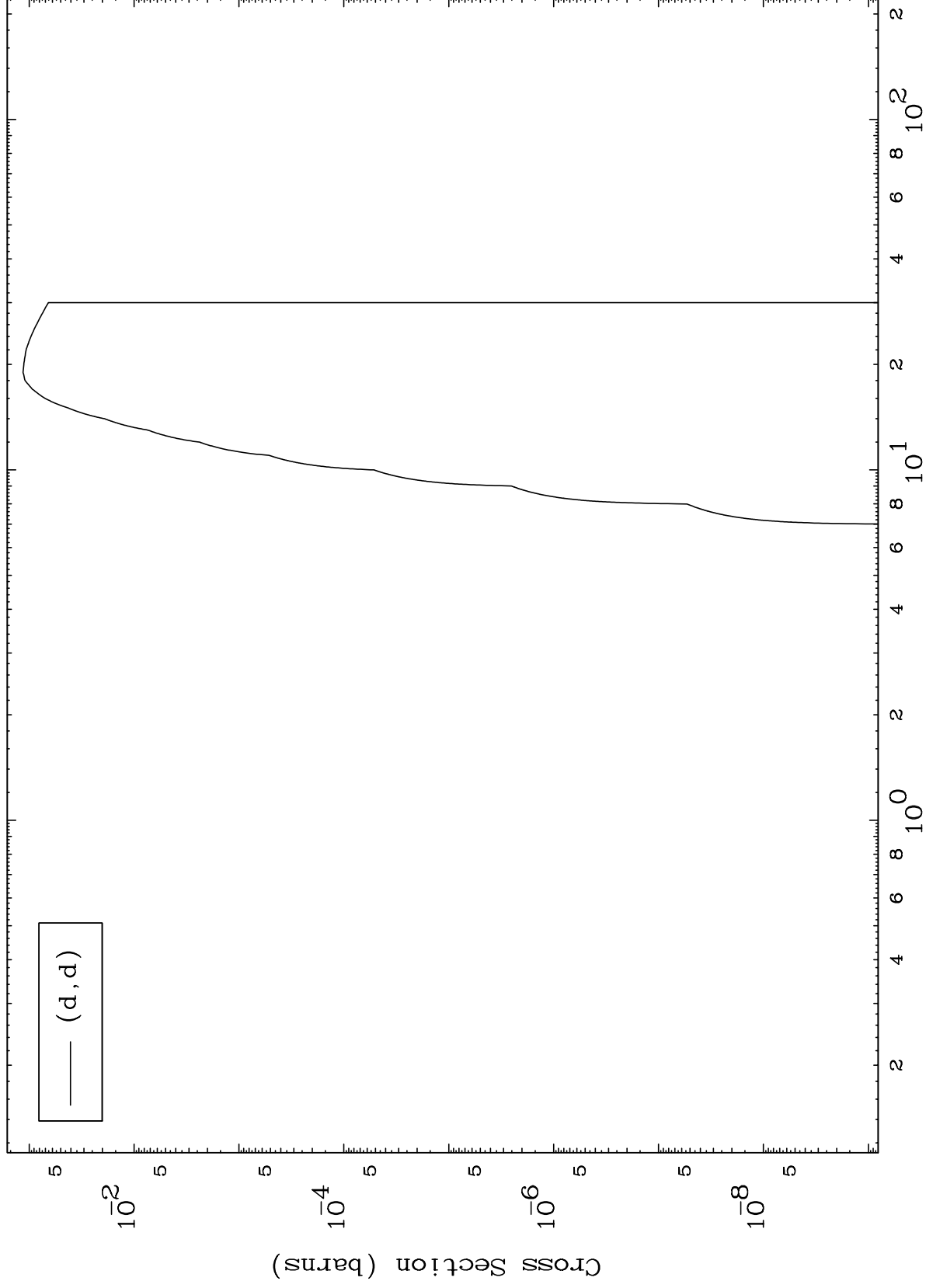
Incident Energy (MeV)

83-Bi-192

MAT 8275

83-Bi-192

(d,d) Levels
0 Kelvin Cross Sections



8

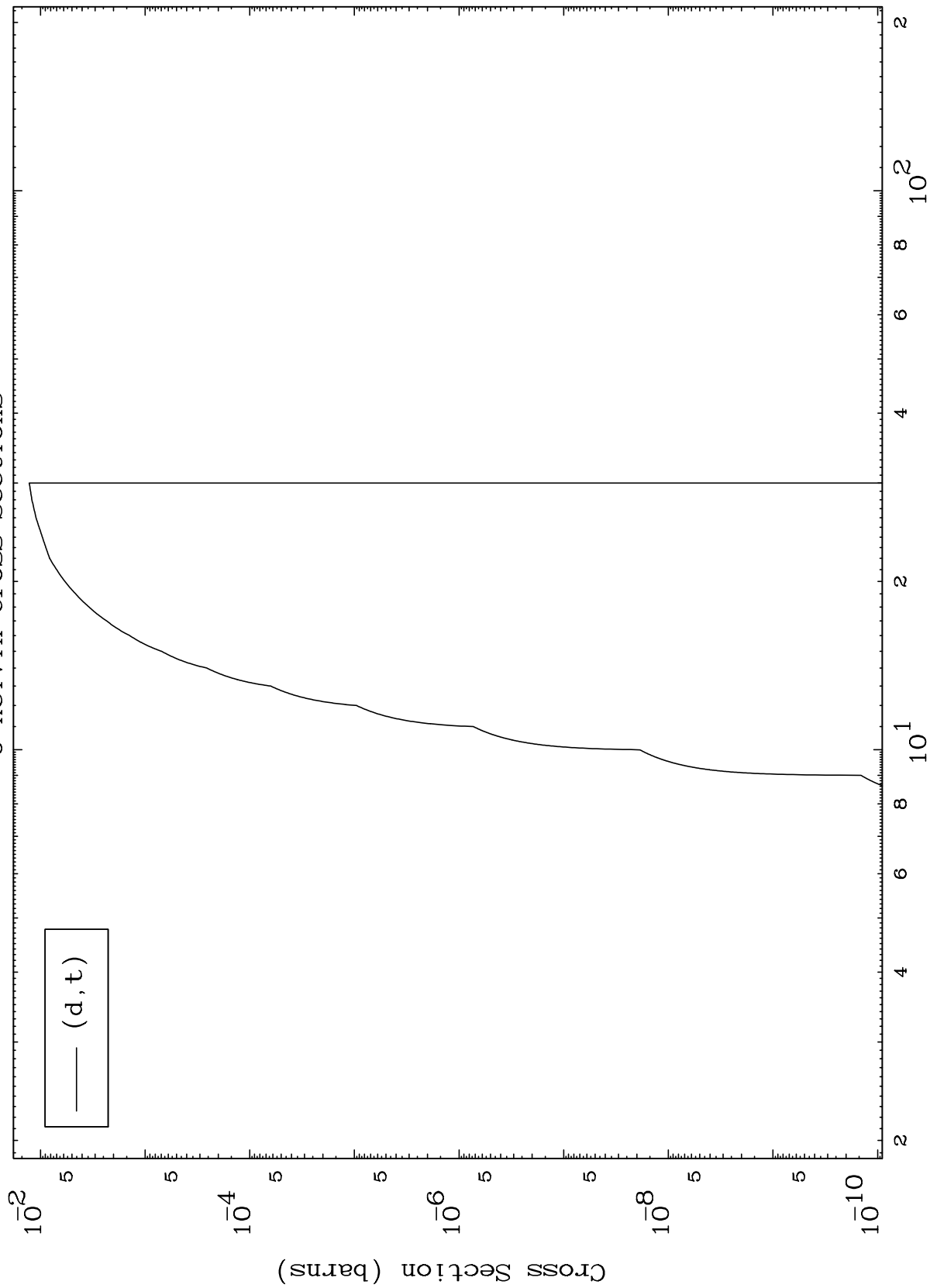
Incident Energy (MeV)

83-Bi-192

MAT 8275

83-Bi-192

(d,t) Levels
0 Kelvin Cross Sections



9

Incident Energy (MeV)

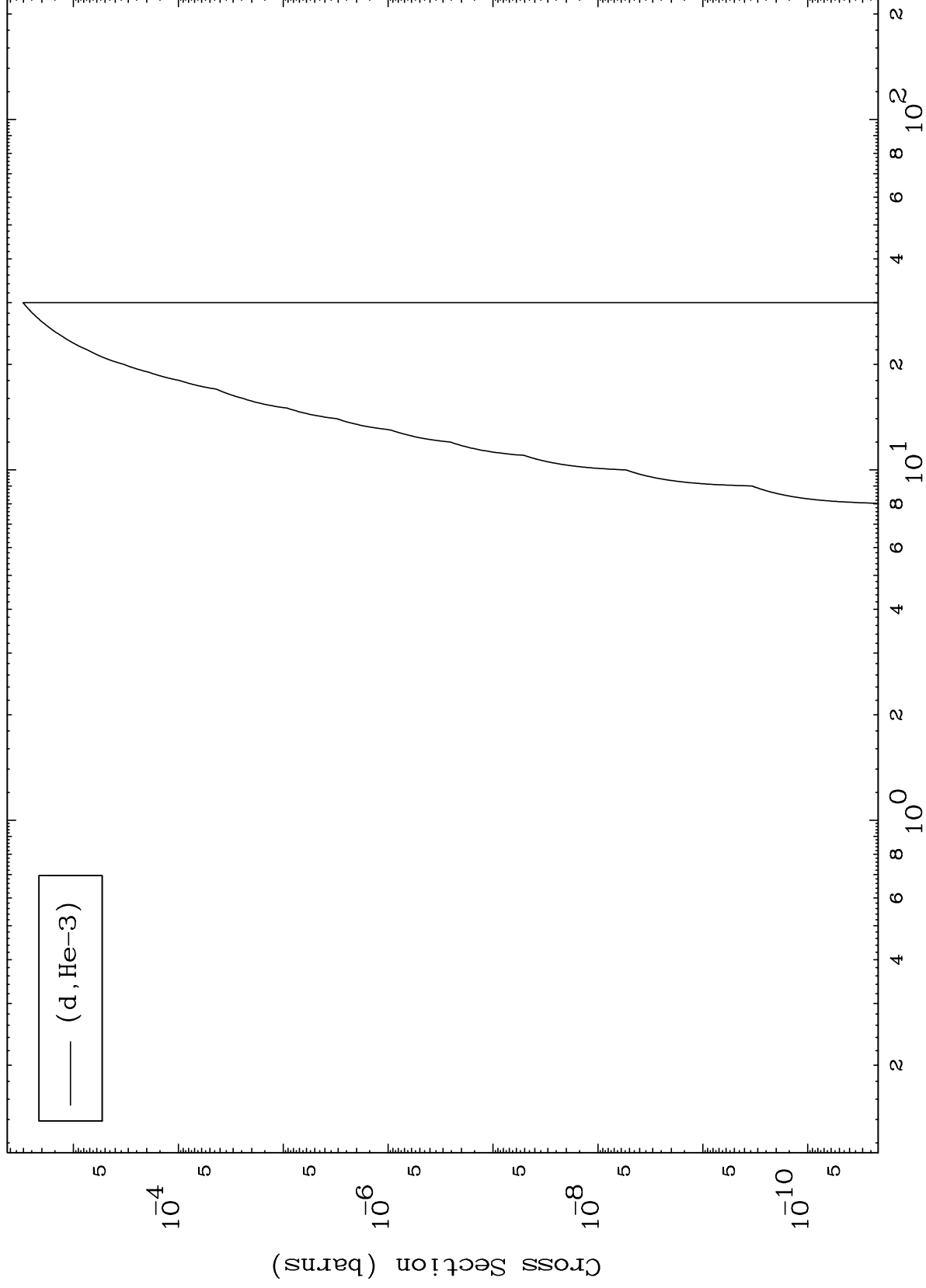
83-Bi-192

MAT 8275

(d,He3) Levels

83-Bi-192

0 Kelvin Cross Sections



10

Incident Energy (MeV)

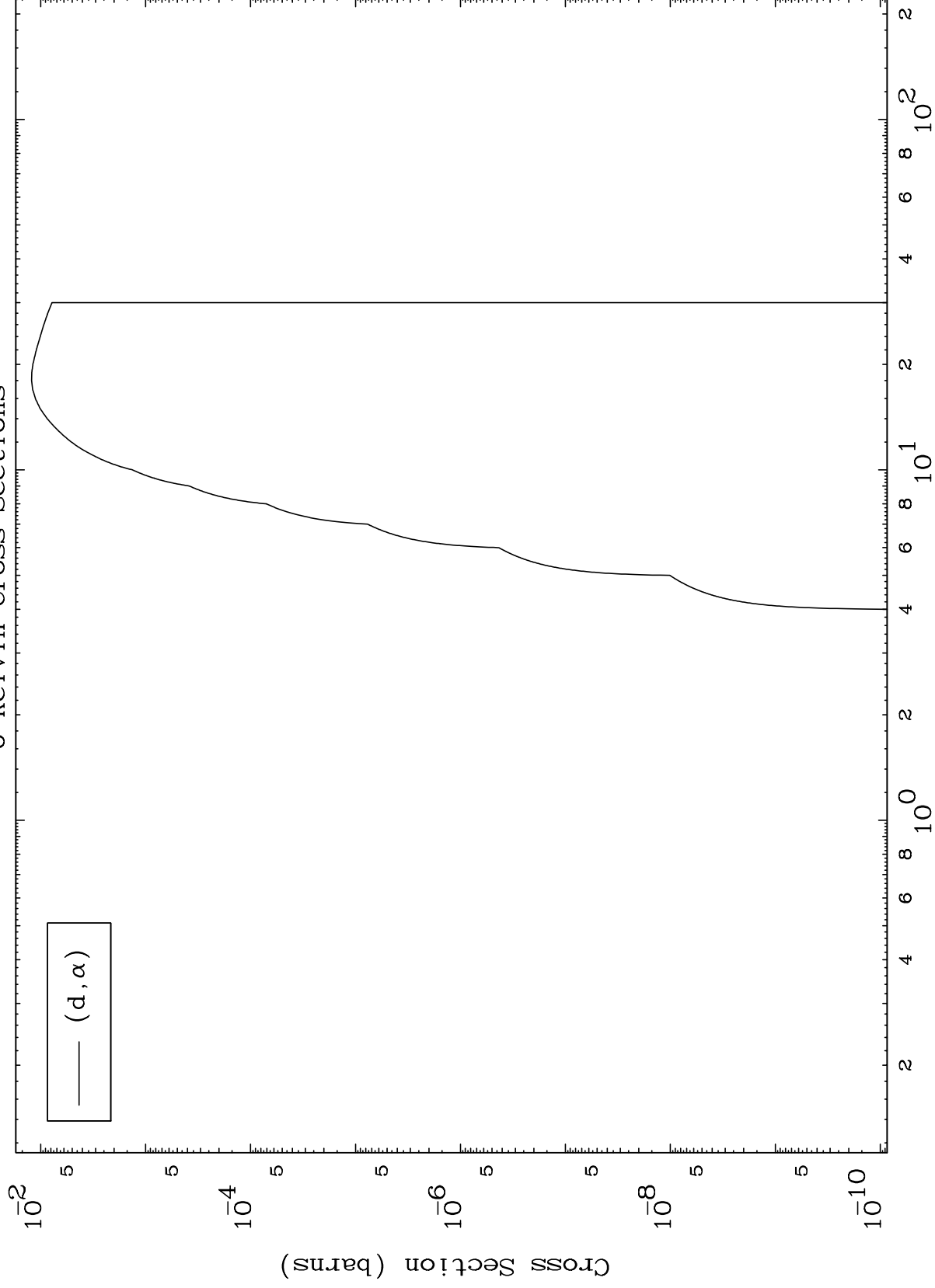
83-Bi-192

MAT 8275

(d, α) Levels

83-Bi-192

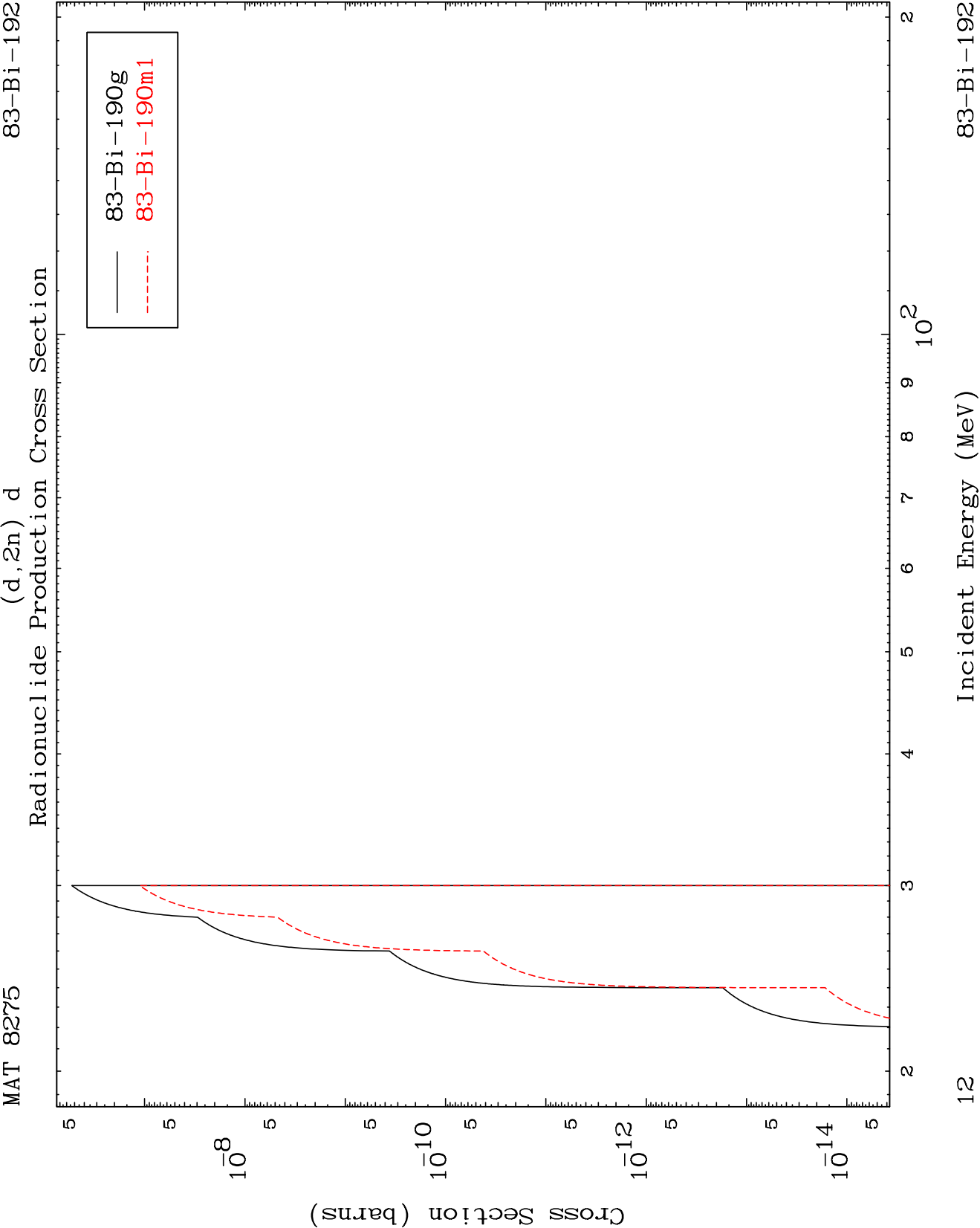
0 Kelvin Cross Sections



11

Incident Energy (MeV)

83-Bi-192

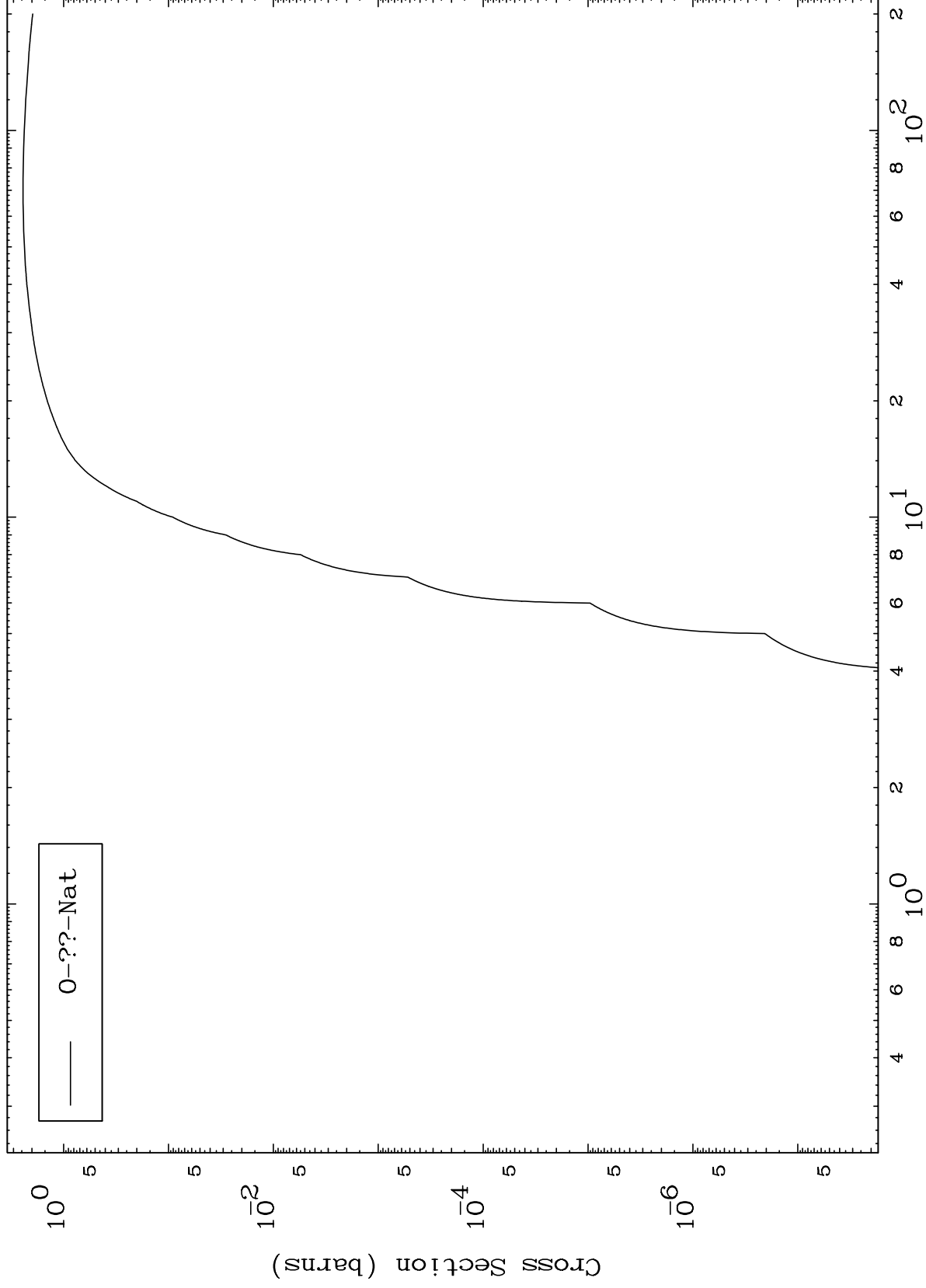


MAT 8275

Deuteron Fission

83-Bi-192

Radionuclide Production Cross Section



13

Incident Energy (MeV)

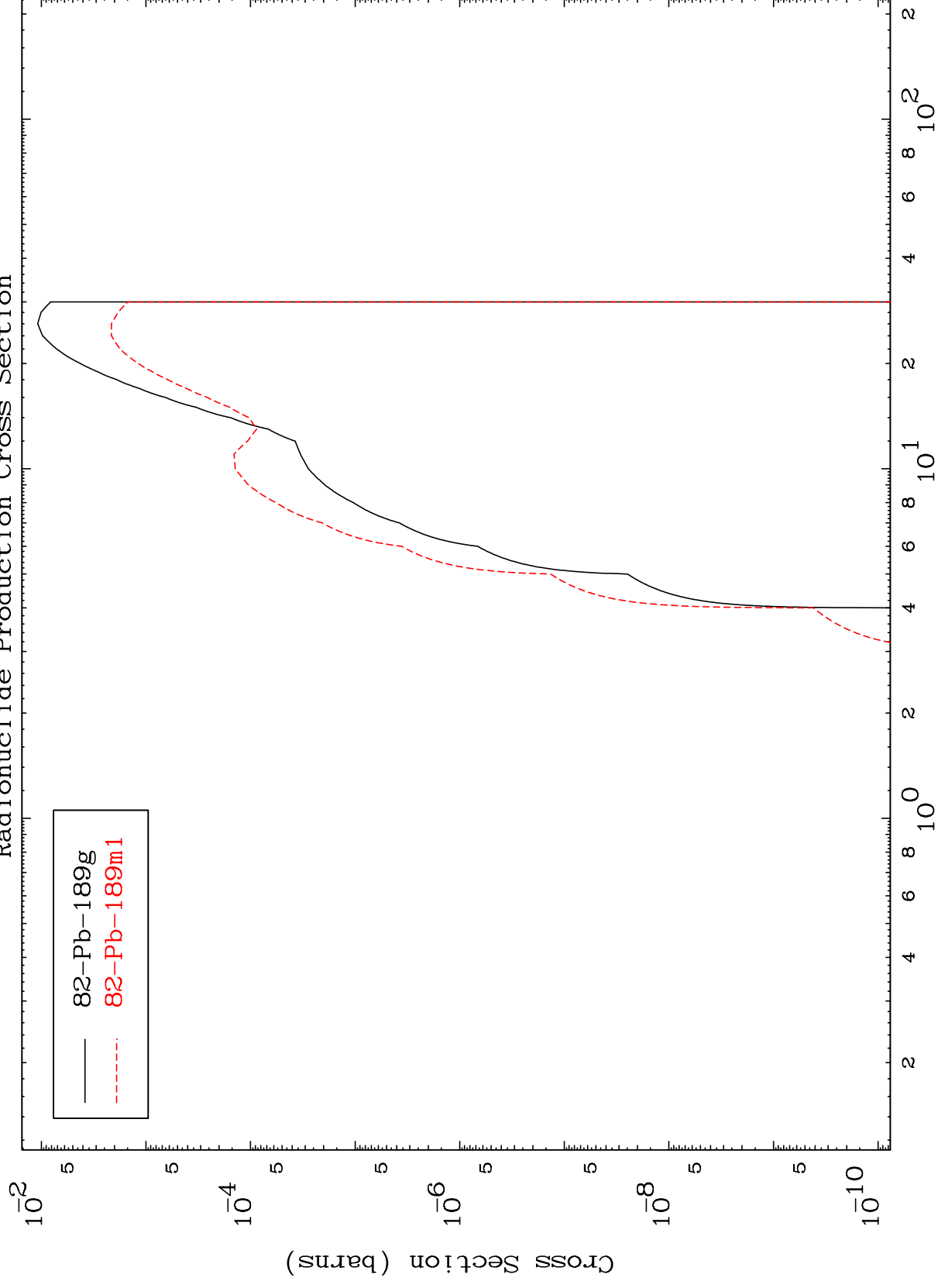
83-Bi-192

MAT 8275

$$(d, n') \propto$$

83-Bi-192

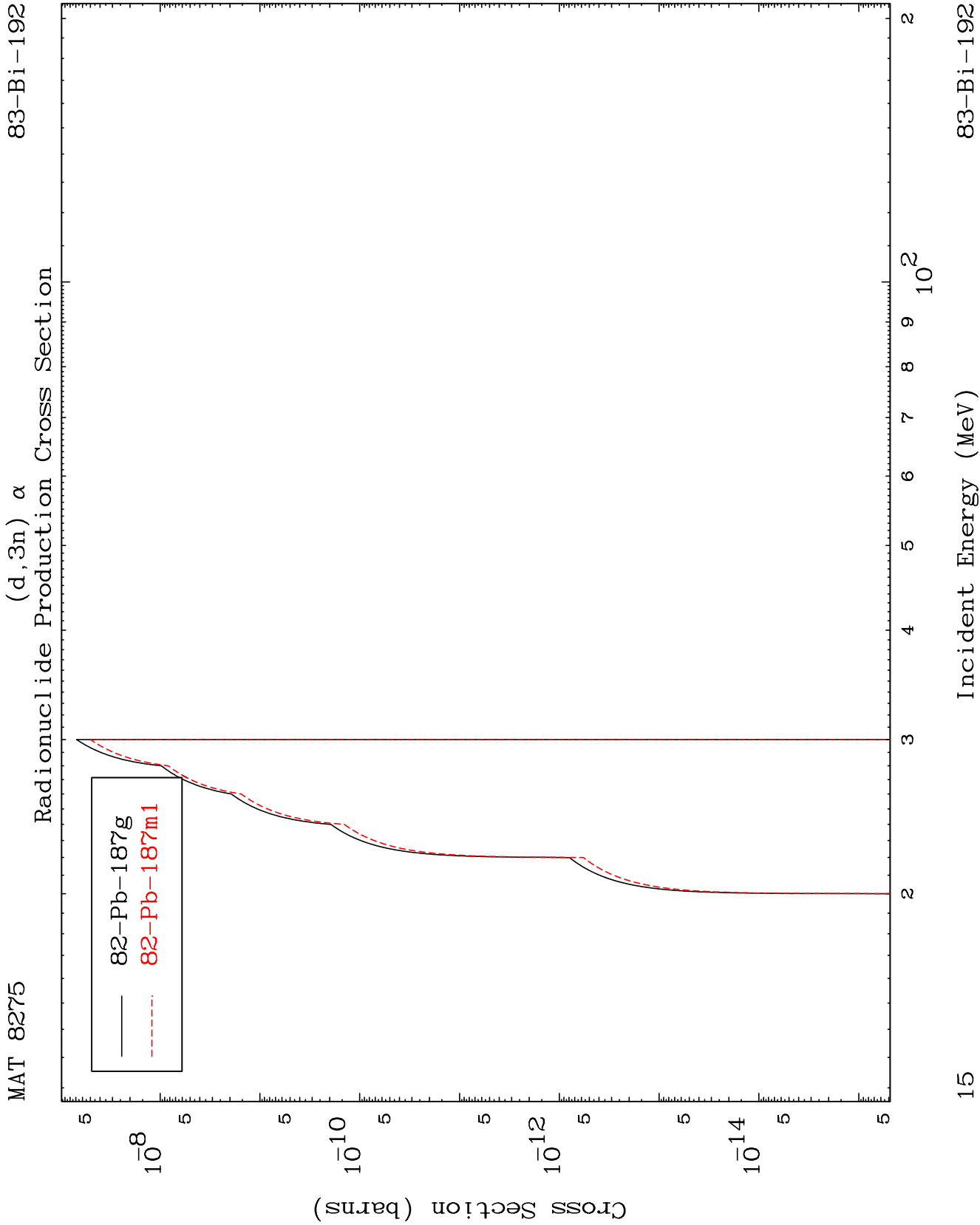
Radionuclide Production Cross Section



14

Incident Energy (MeV)

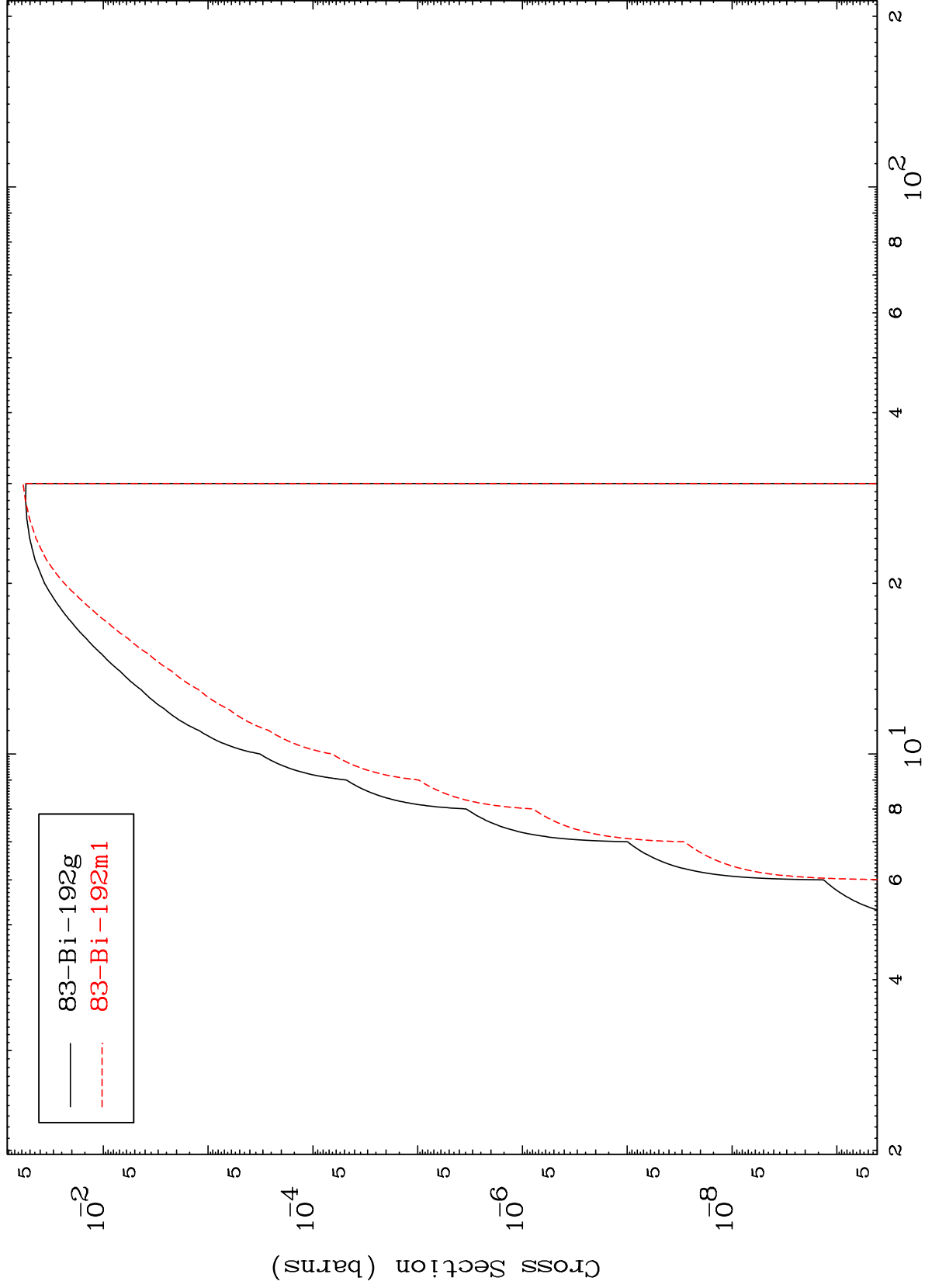
83-Bi-192



MAT 8275

83-Bi-192

(d,n') p
Radionuclide Production Cross Section



83-Bi-192

Incident Energy (MeV)

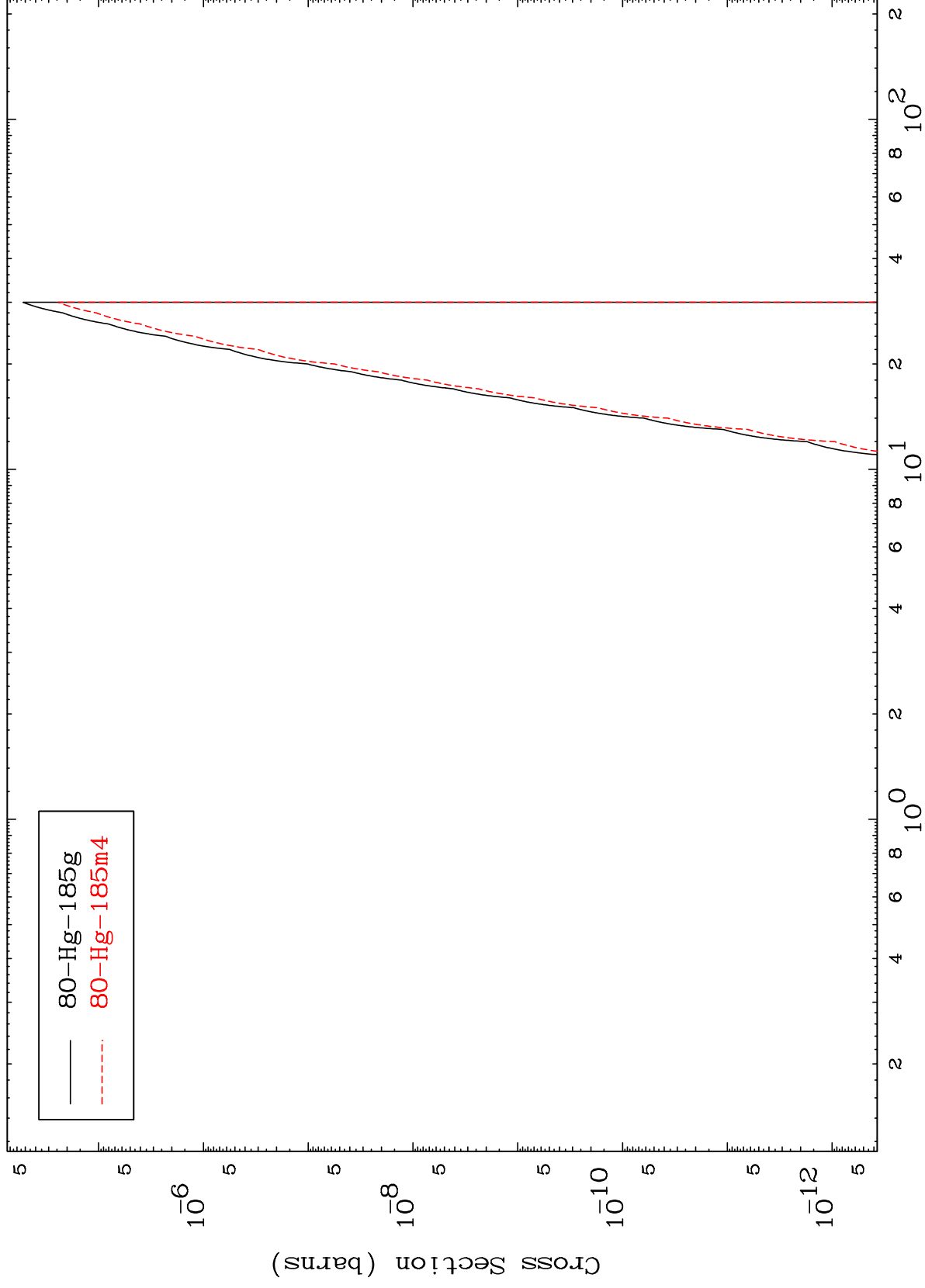
16

MAT 8275

(d,n') 2 α

83-Bi-192

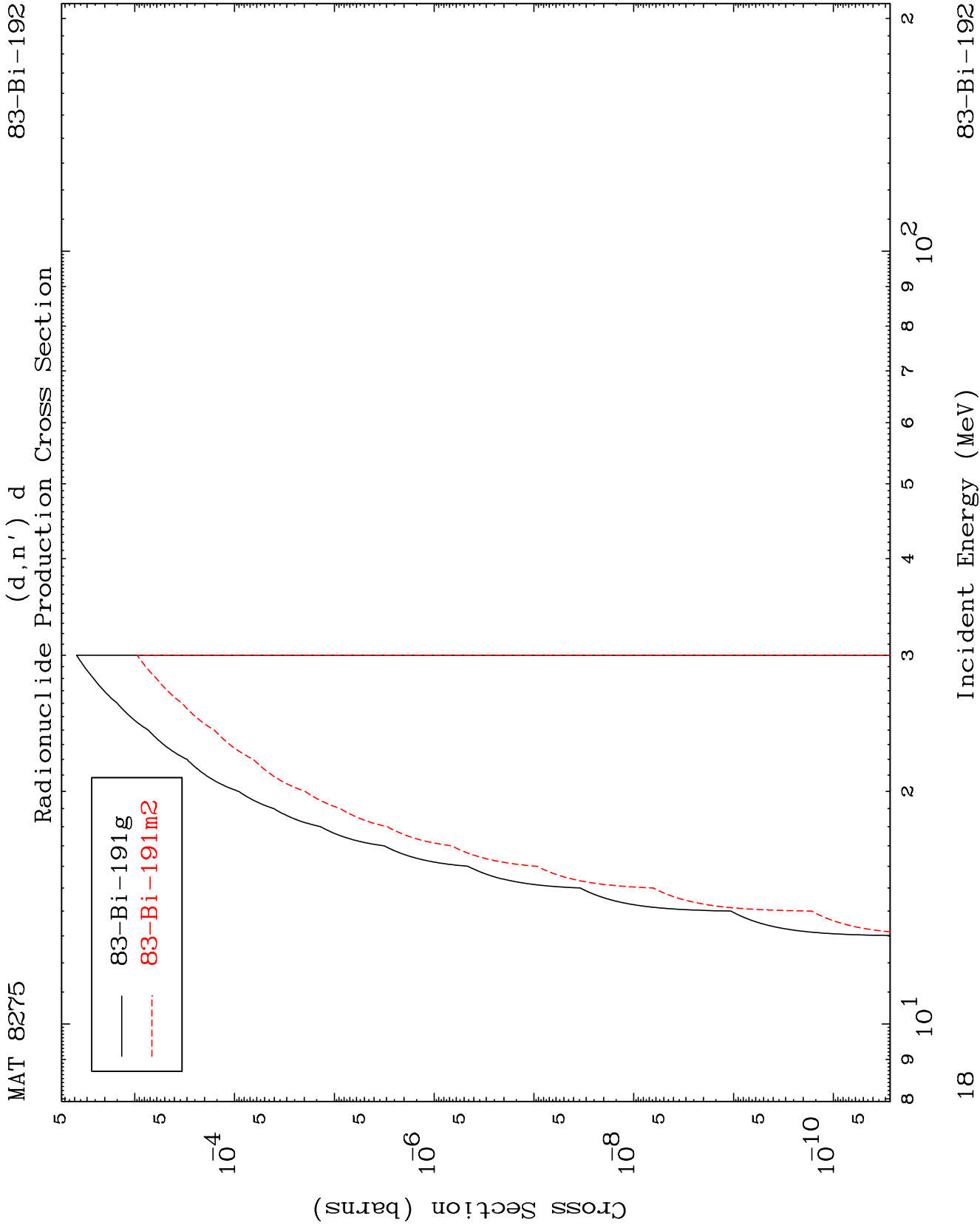
Radionuclide Production Cross Section



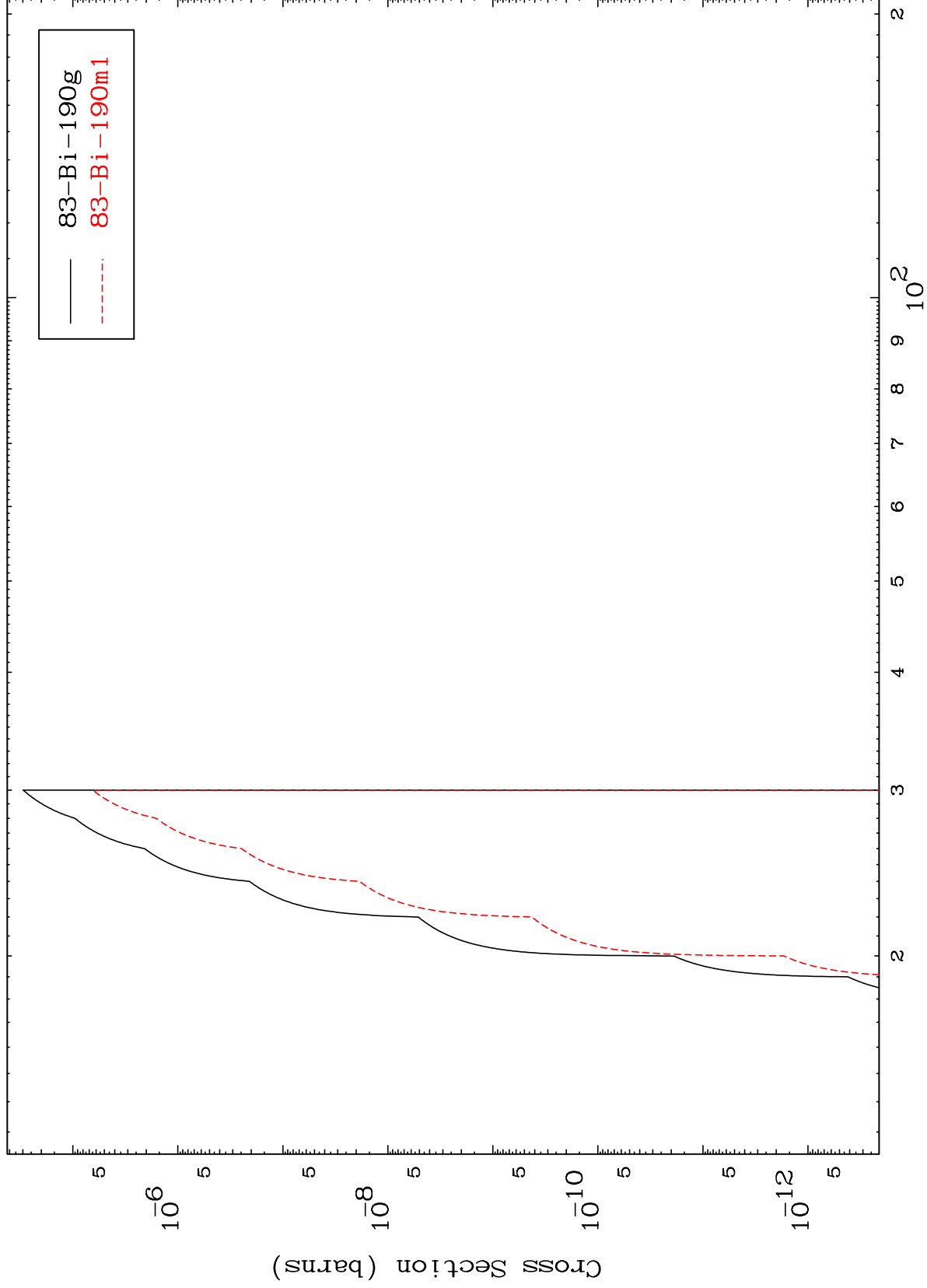
17

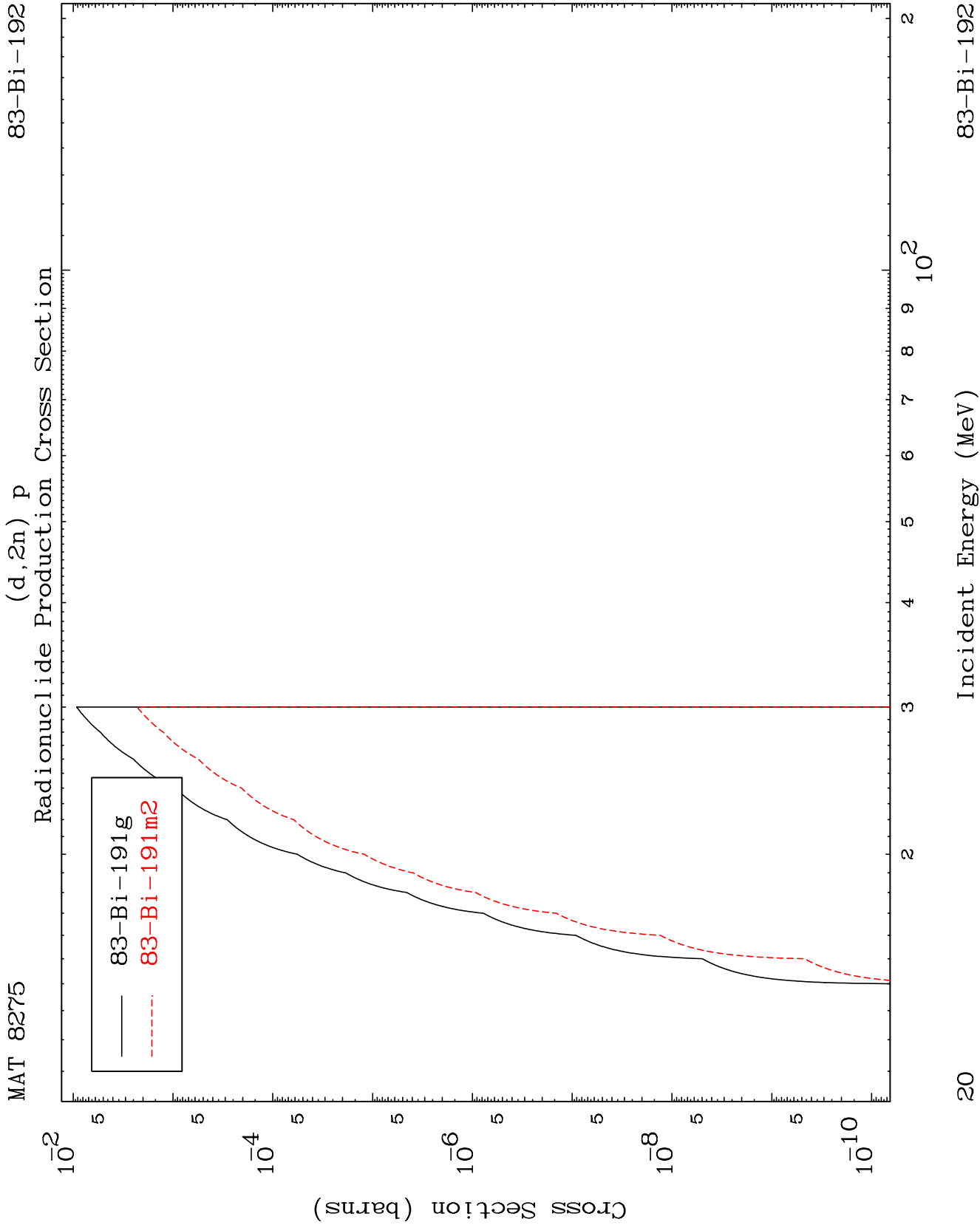
Incident Energy (MeV)

83-Bi-192

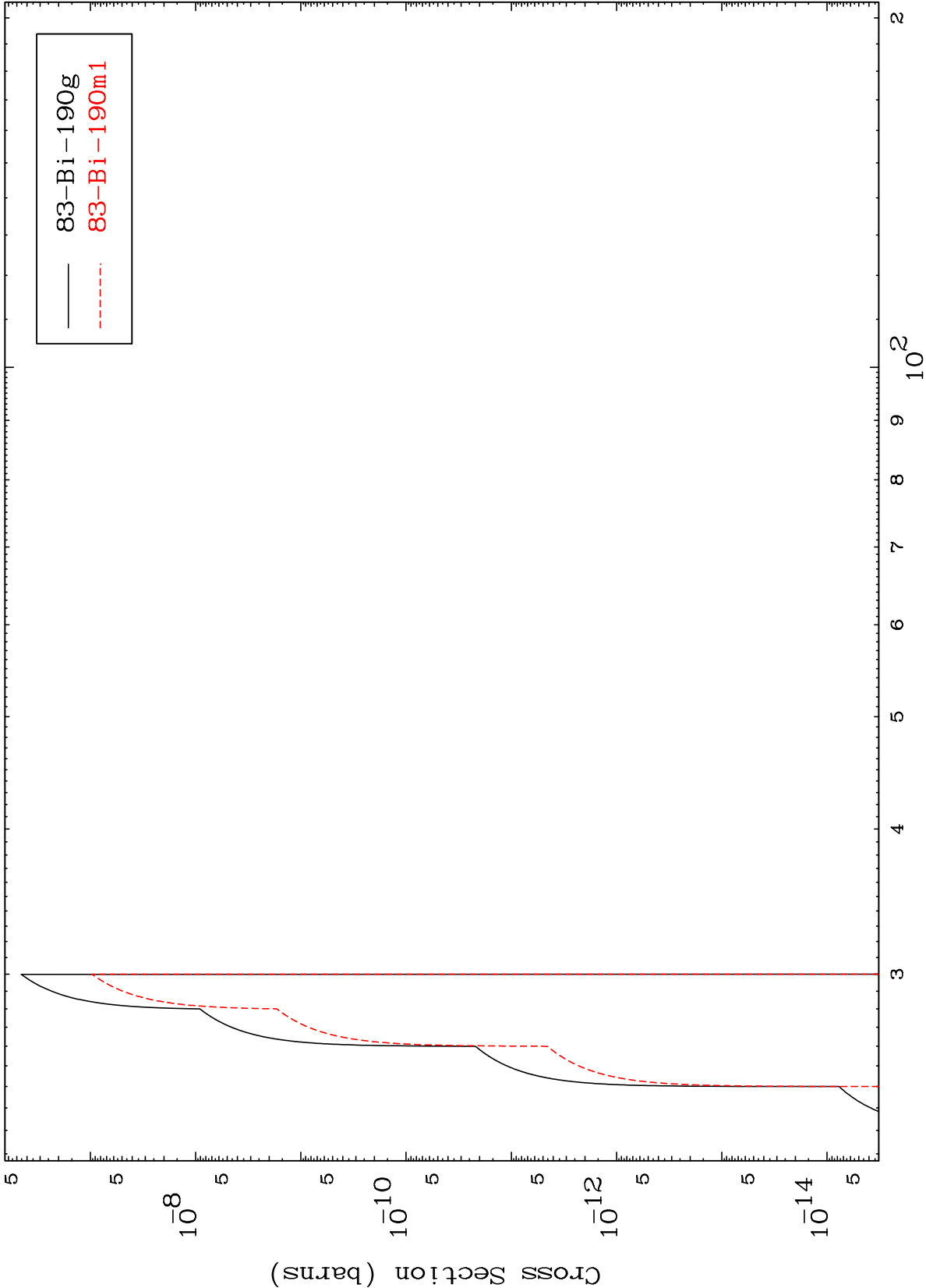


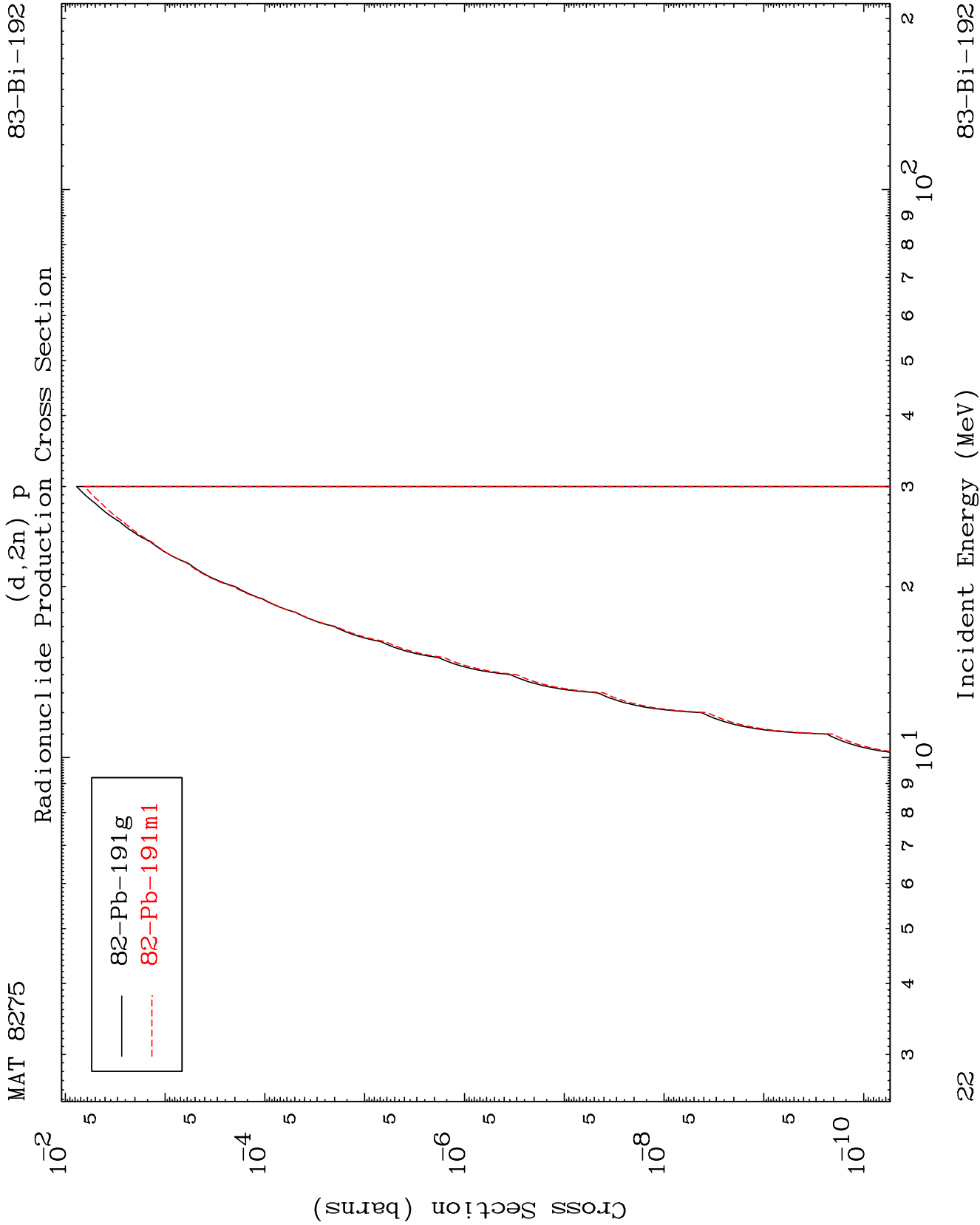
(d,n') t
Radionuclide Production Cross Section



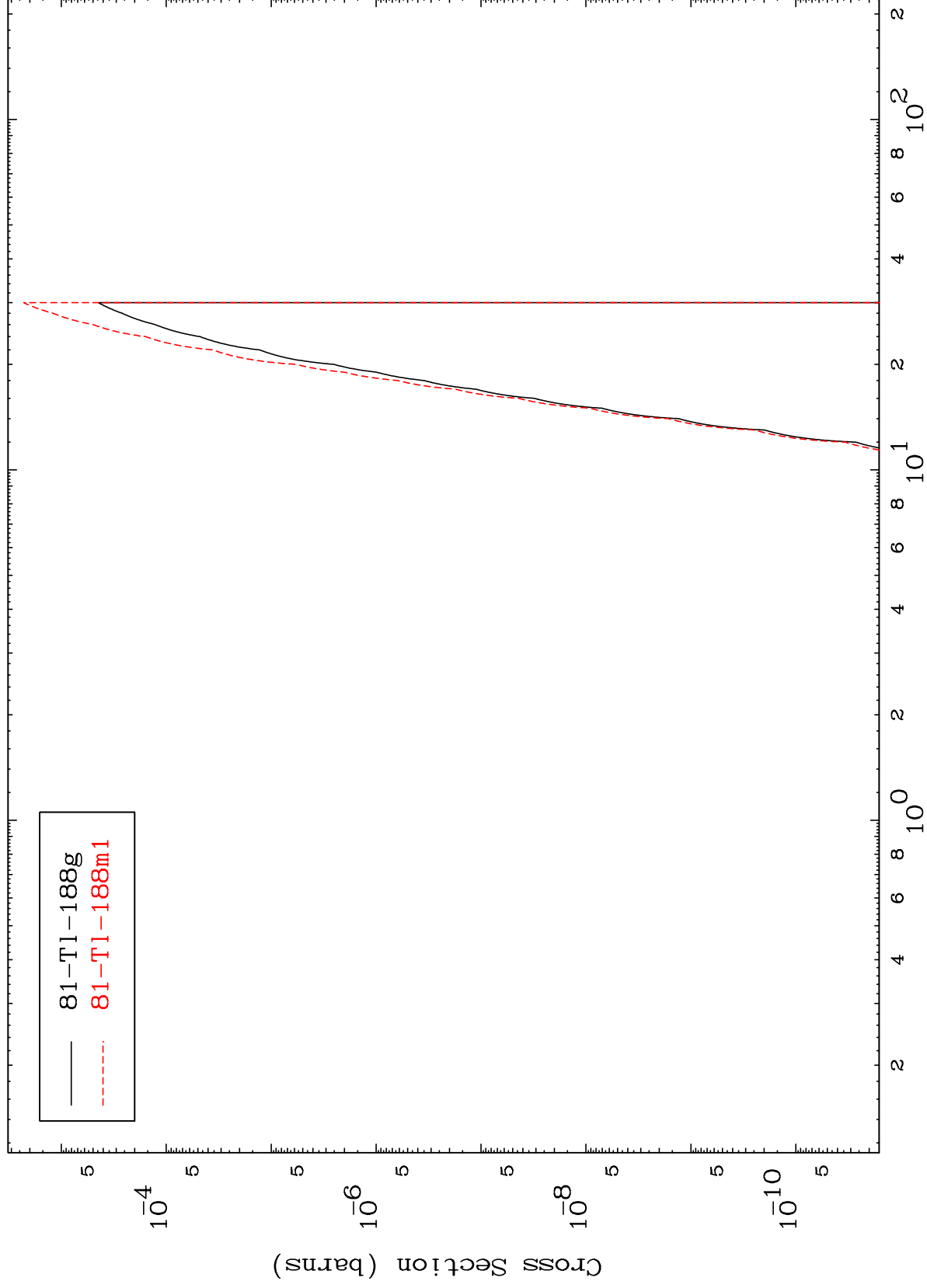


(d,3n) p
Radionuclide Production Cross Section





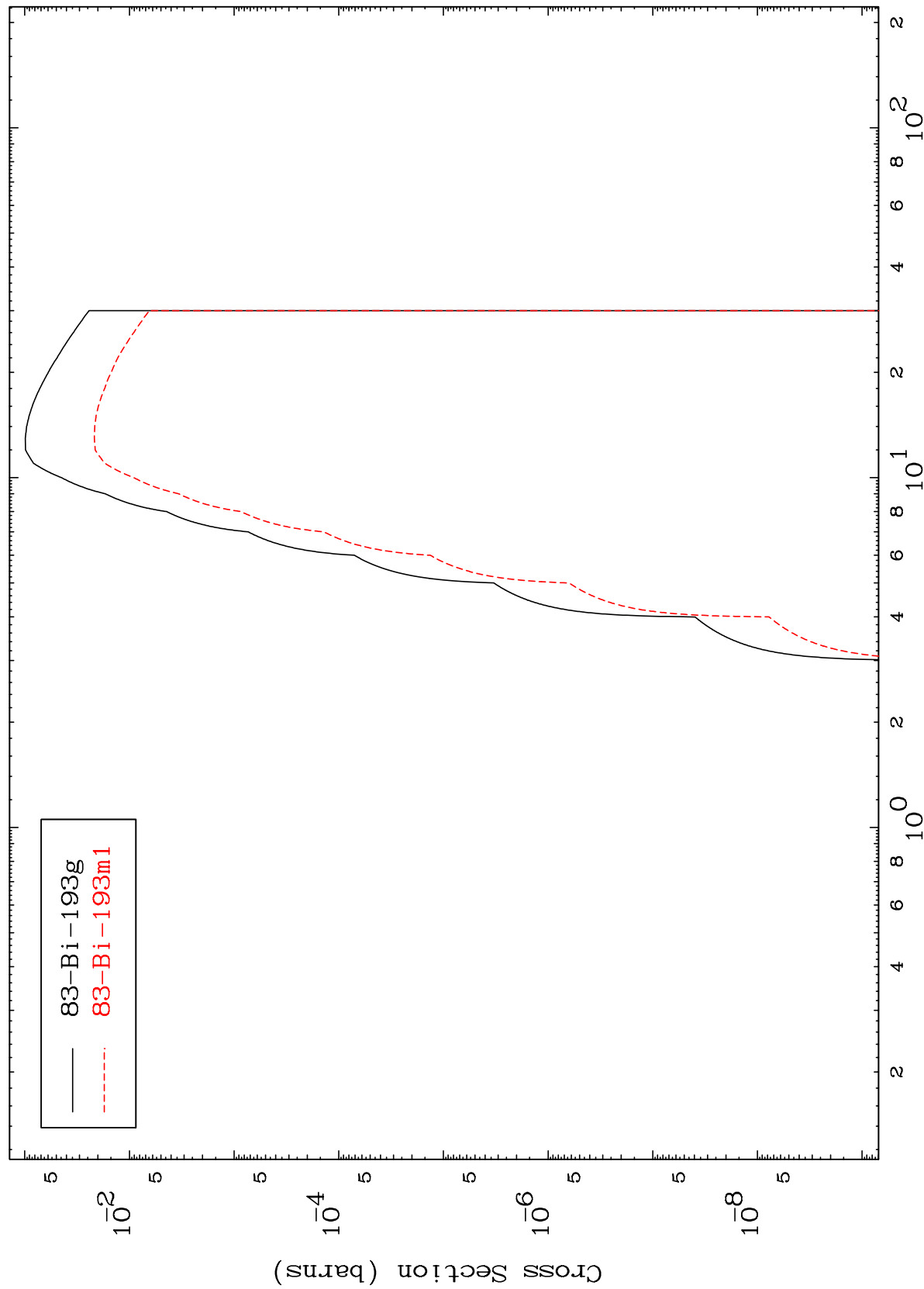
Radionuclide Production Cross Section
(d,n') p α



MAT 8275

83-Bi-192

Radionuclide Production Cross Section
(d,p)



83-Bi-193g
83-Bi-193m1

83-Bi-192

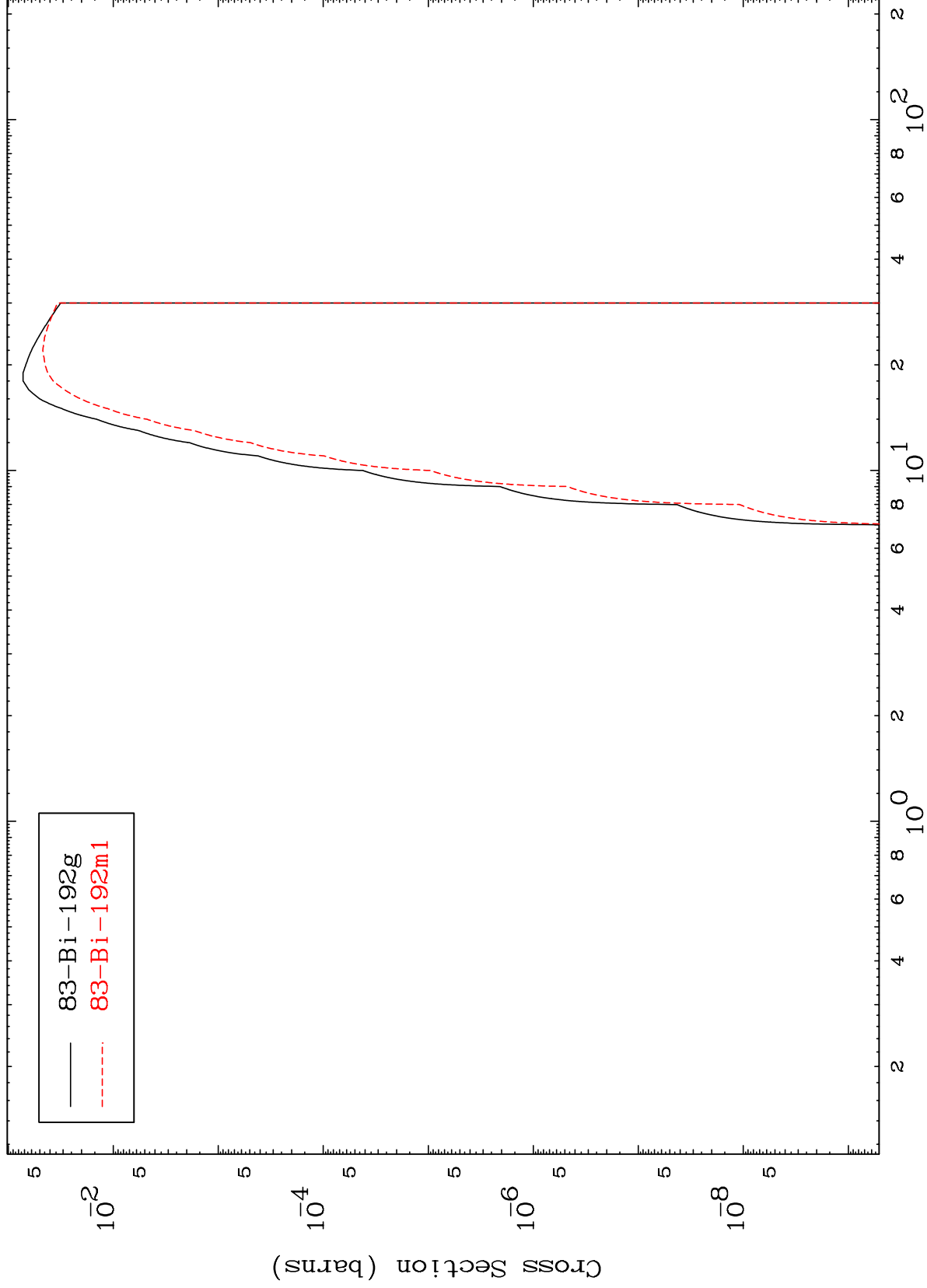
Incident Energy (MeV)

24

MAT 8275

83-Bi-192

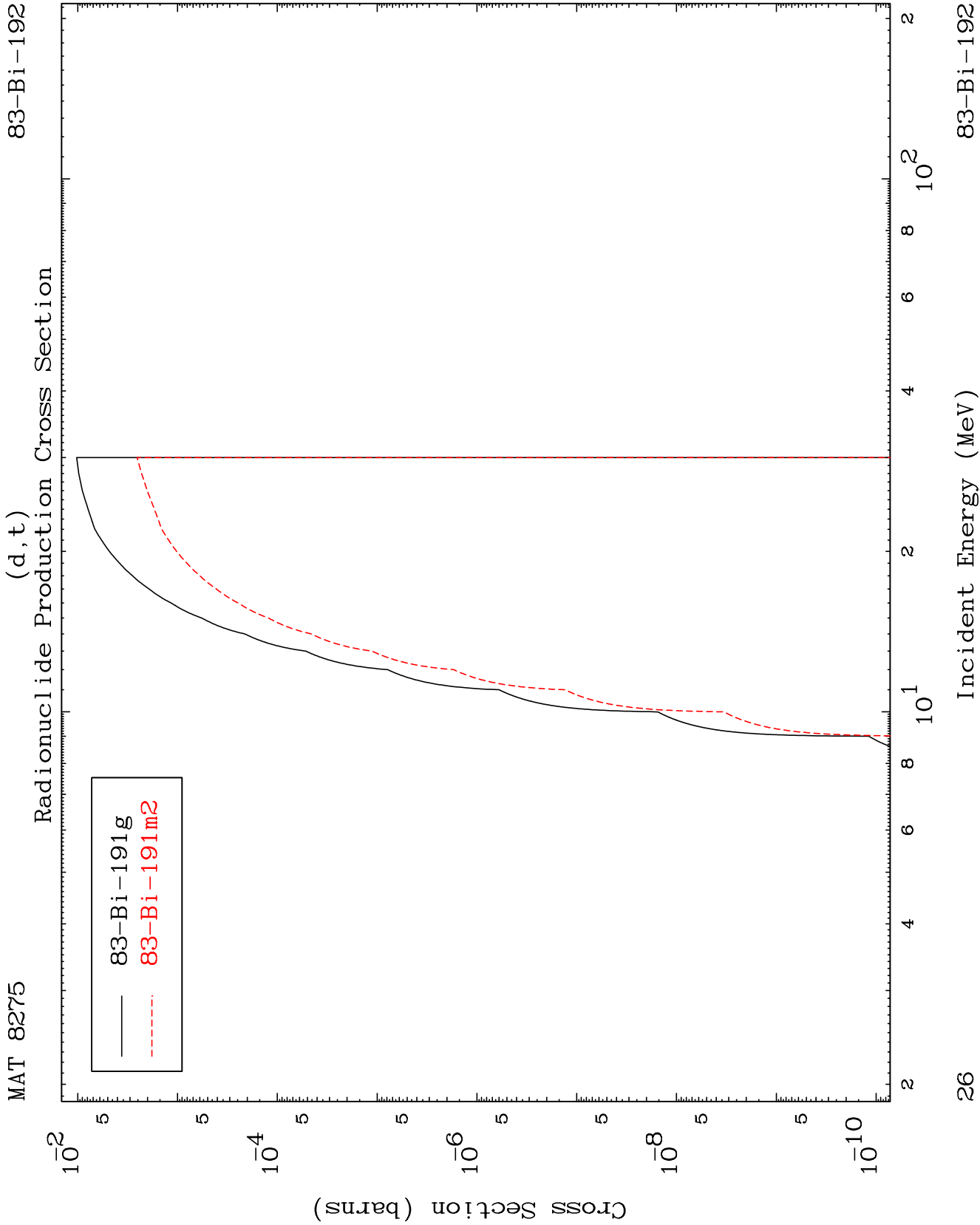
Radionuclide Production Cross Section
(d,d)



25

Incident Energy (MeV)

83-Bi-192

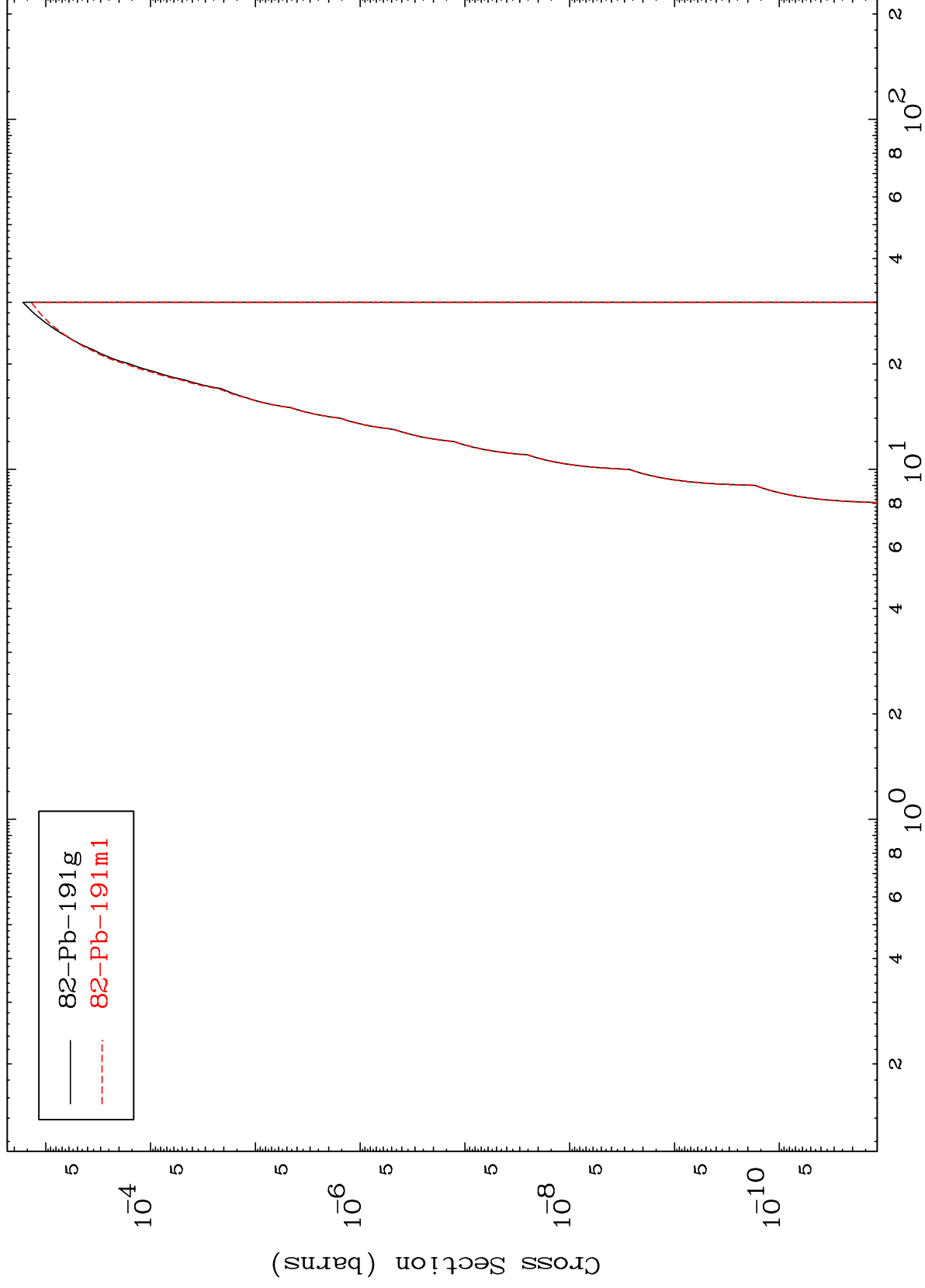


MAT 8275

(d,He-3)

83-Bi-192

Radionuclide Production Cross Section

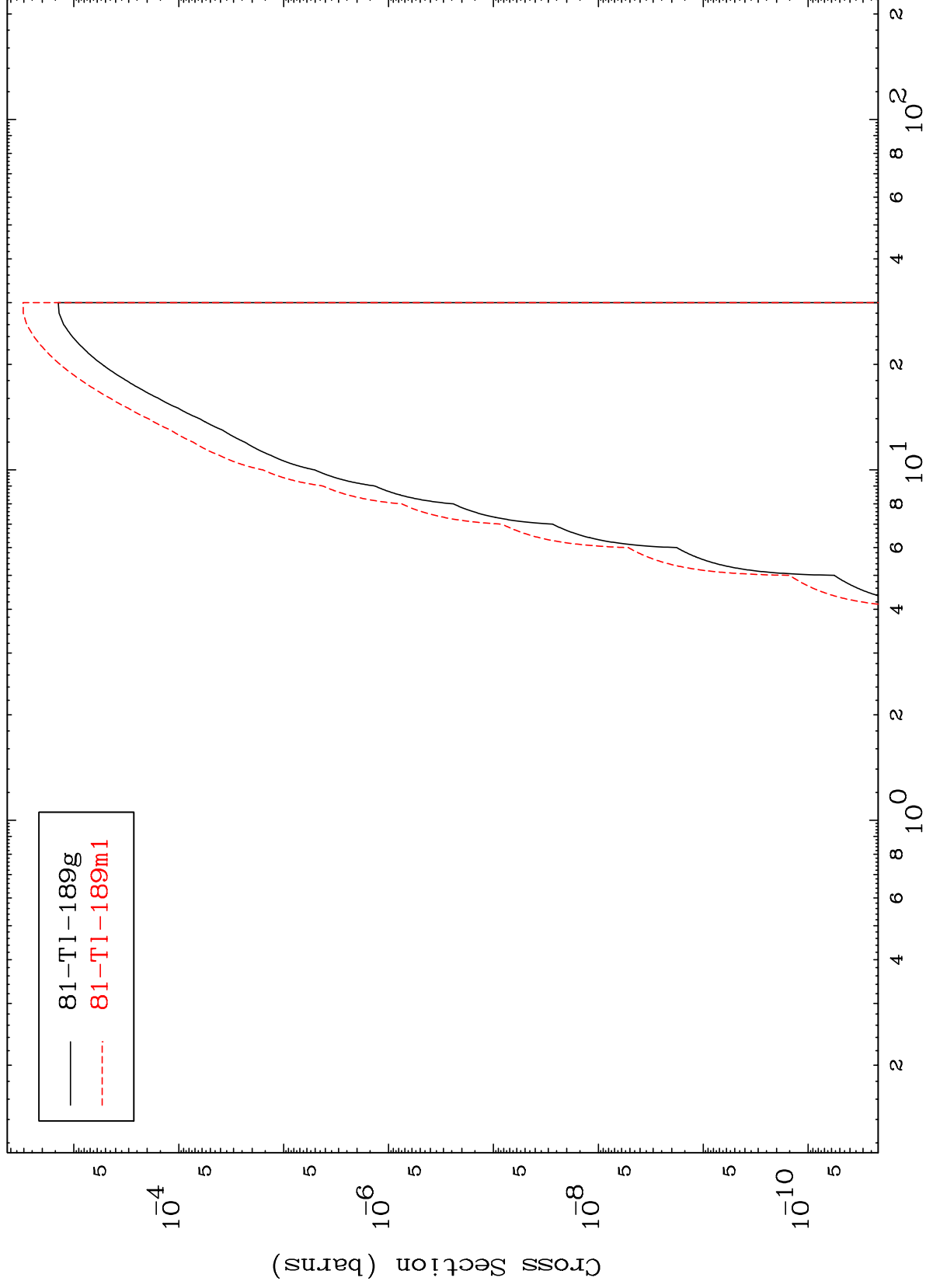


27

Incident Energy (MeV)

83-Bi-192

Radionuclide Production Cross Section
(d,p) α

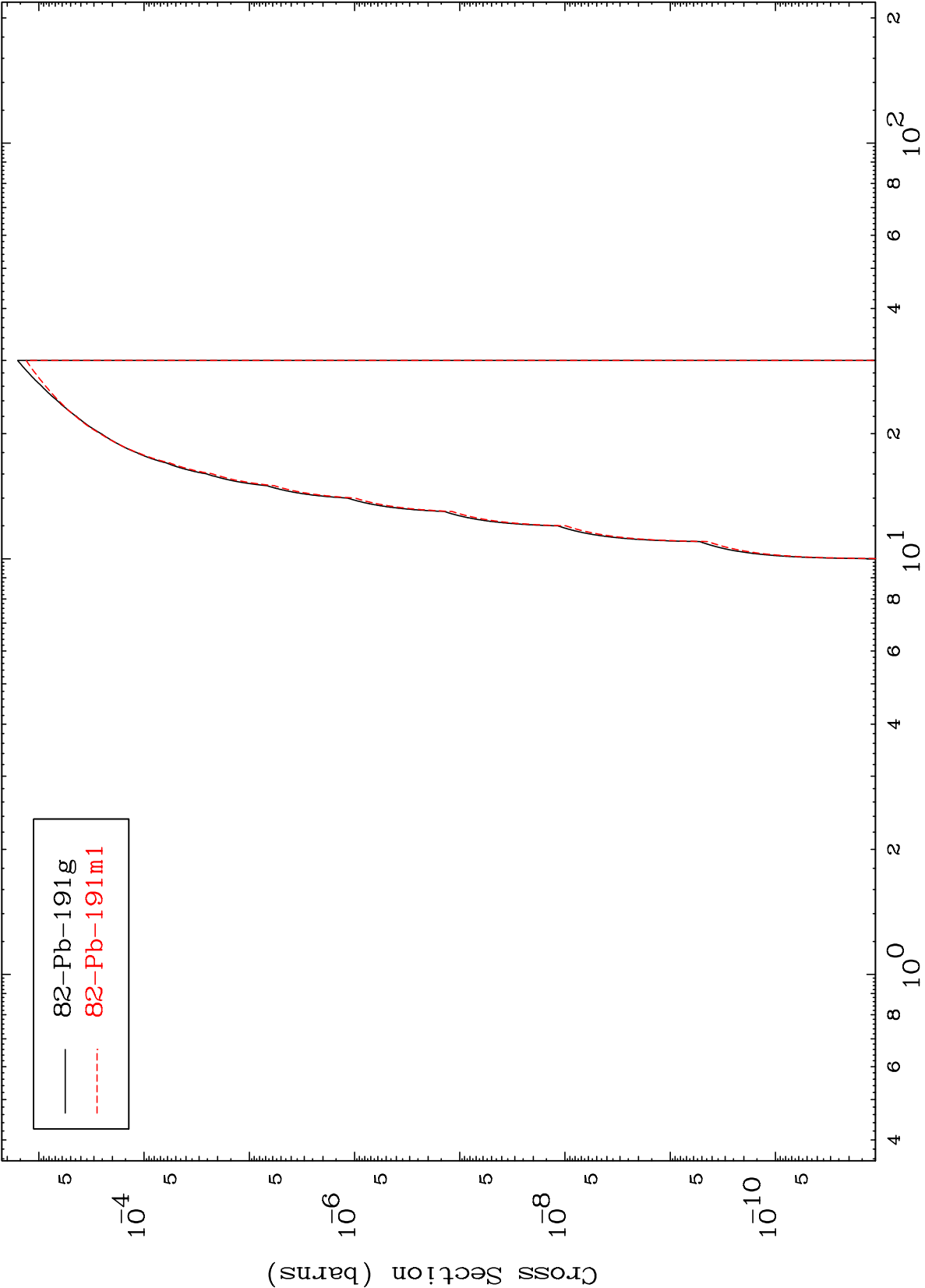
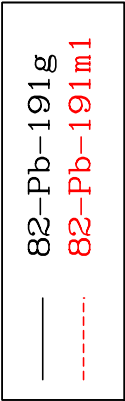


MAT 8275

(d,p) d

83-Bi-192

Radionuclide Production Cross Section



29

Incident Energy (MeV)

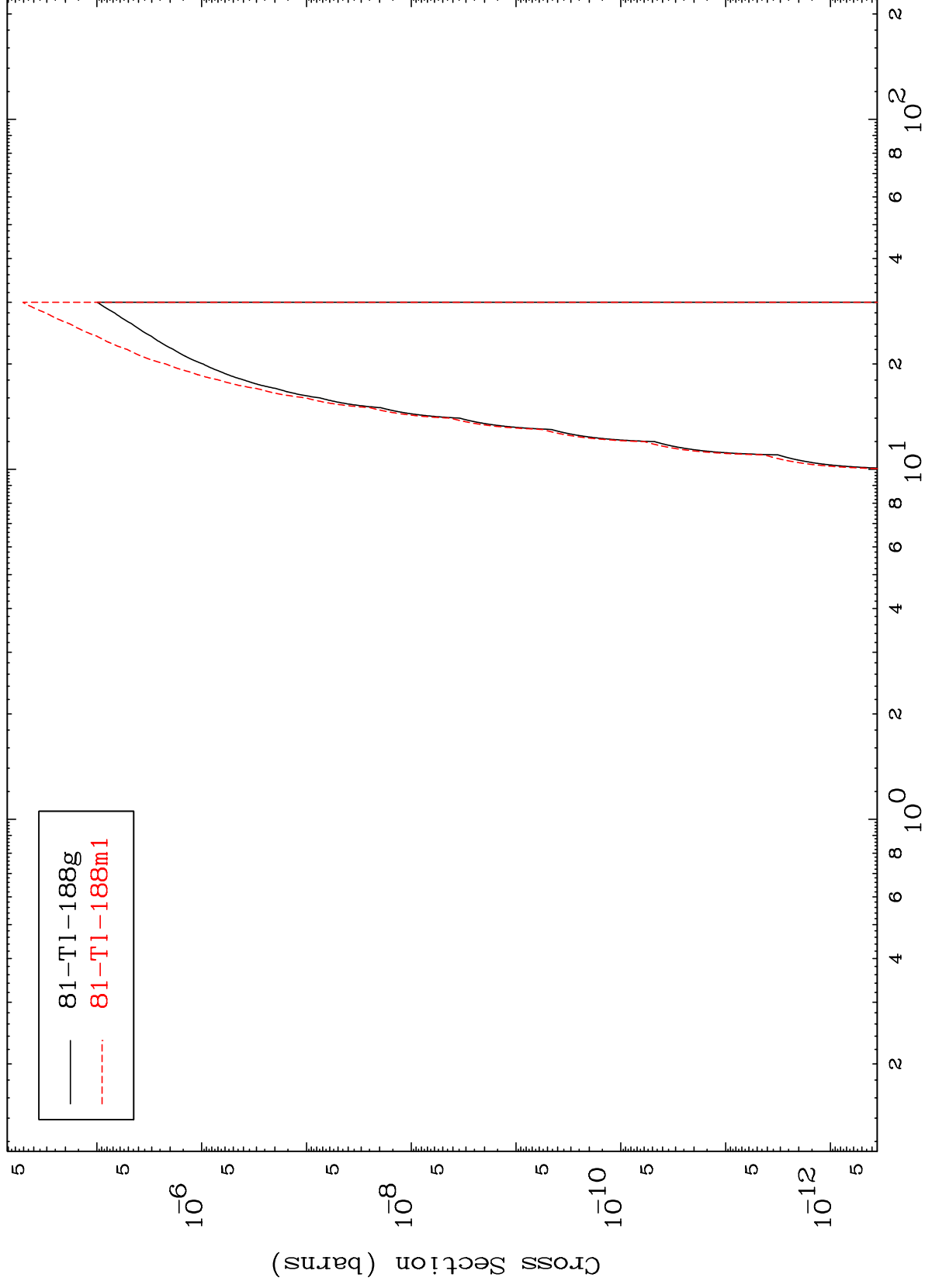
83-Bi-192

MAT 8275

(d,d) α

83-Bi-192

Radionuclide Production Cross Section



30

Incident Energy (MeV)

83-Bi-192