

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

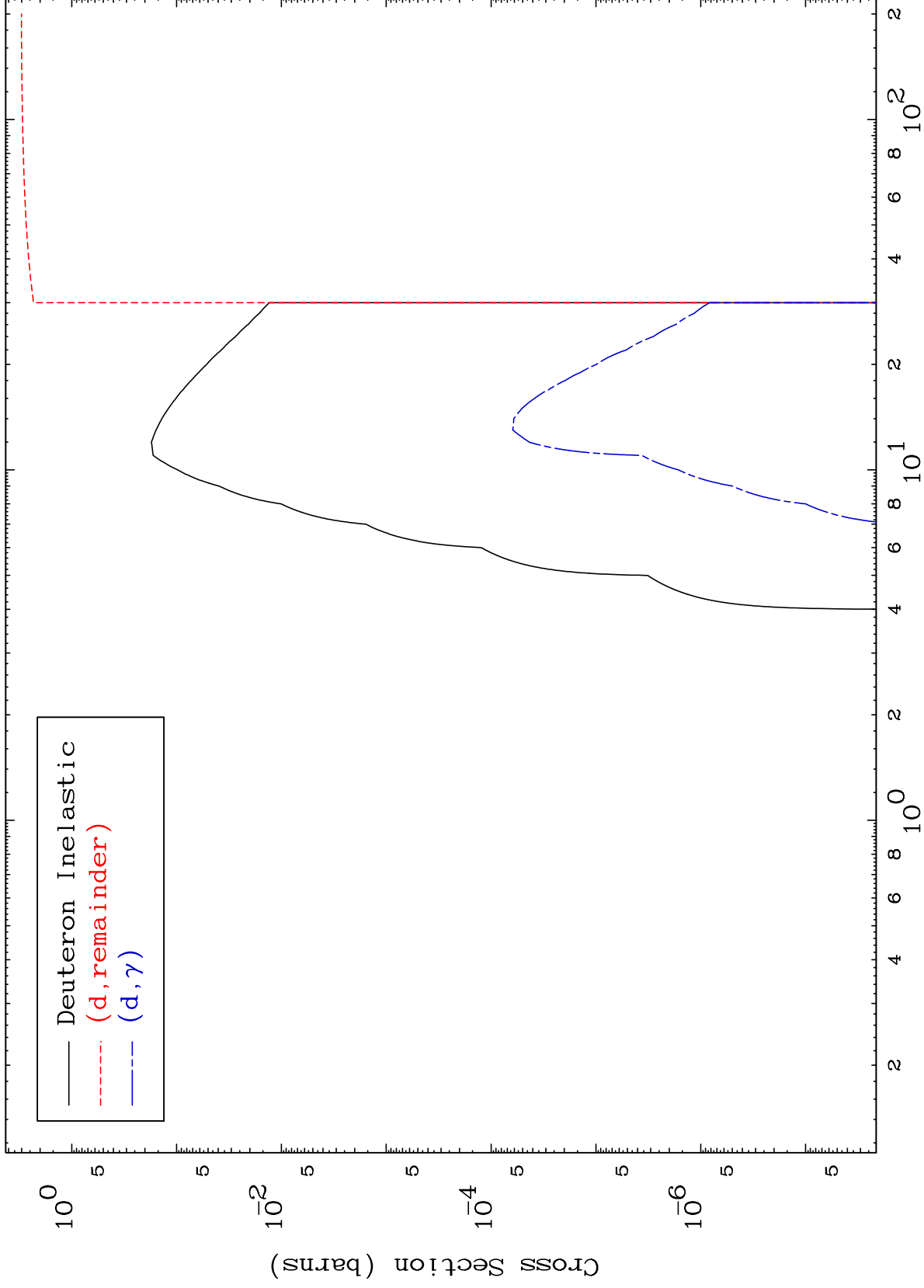
Press Mouse Button to Start

MAT 8180

Deuteron Major

82-Pb-189

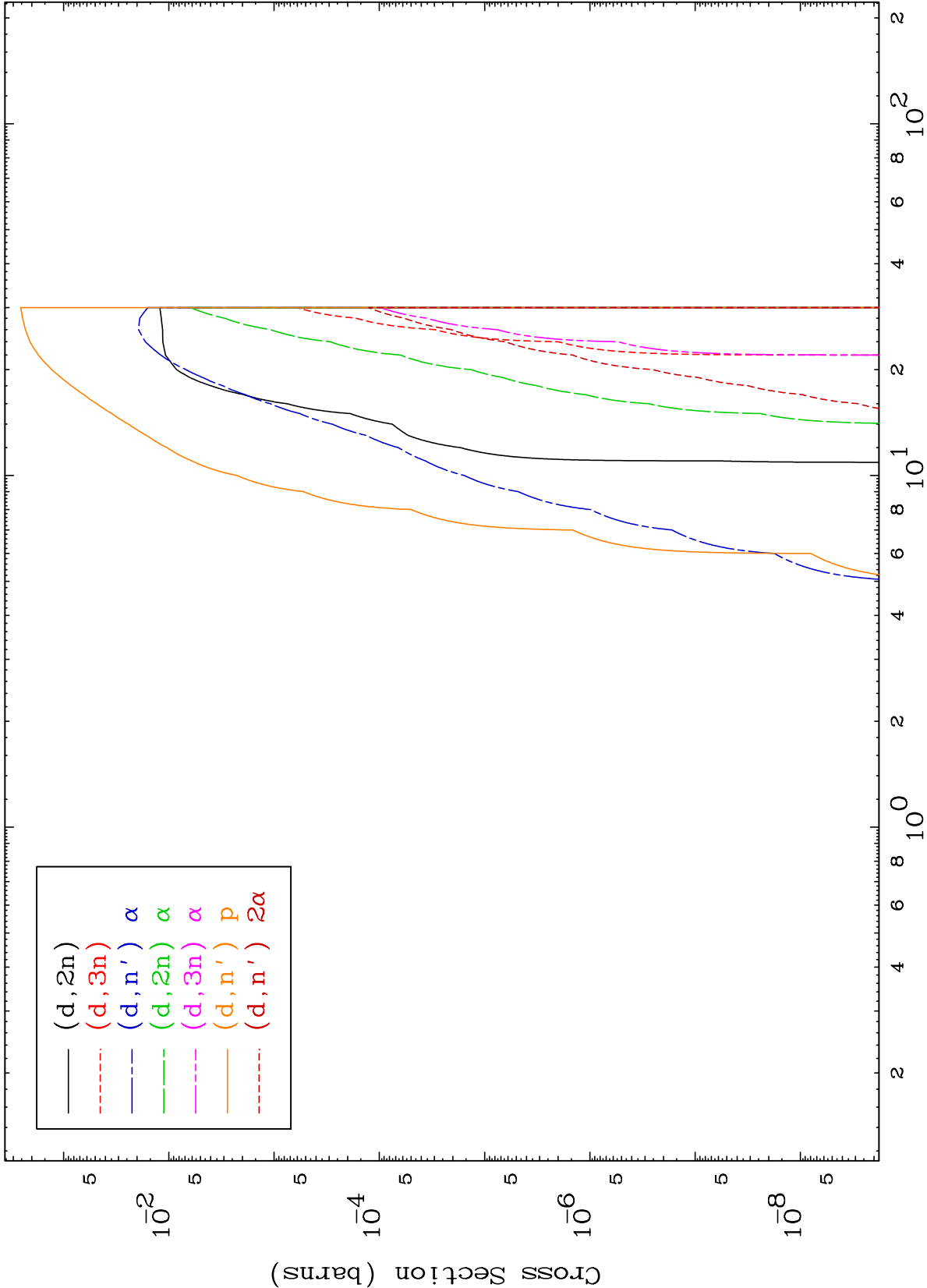
0 Kelvin Cross Sections

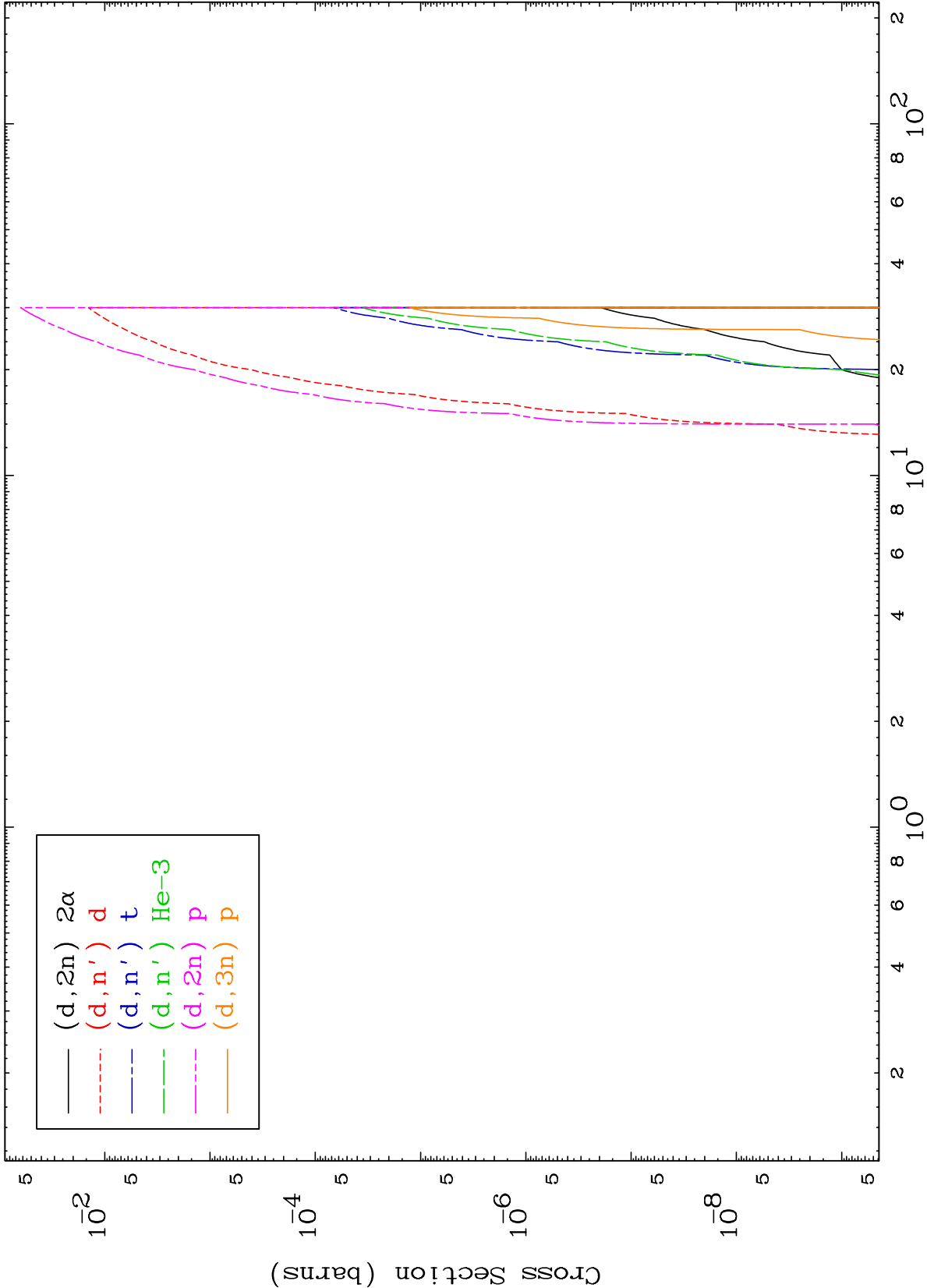


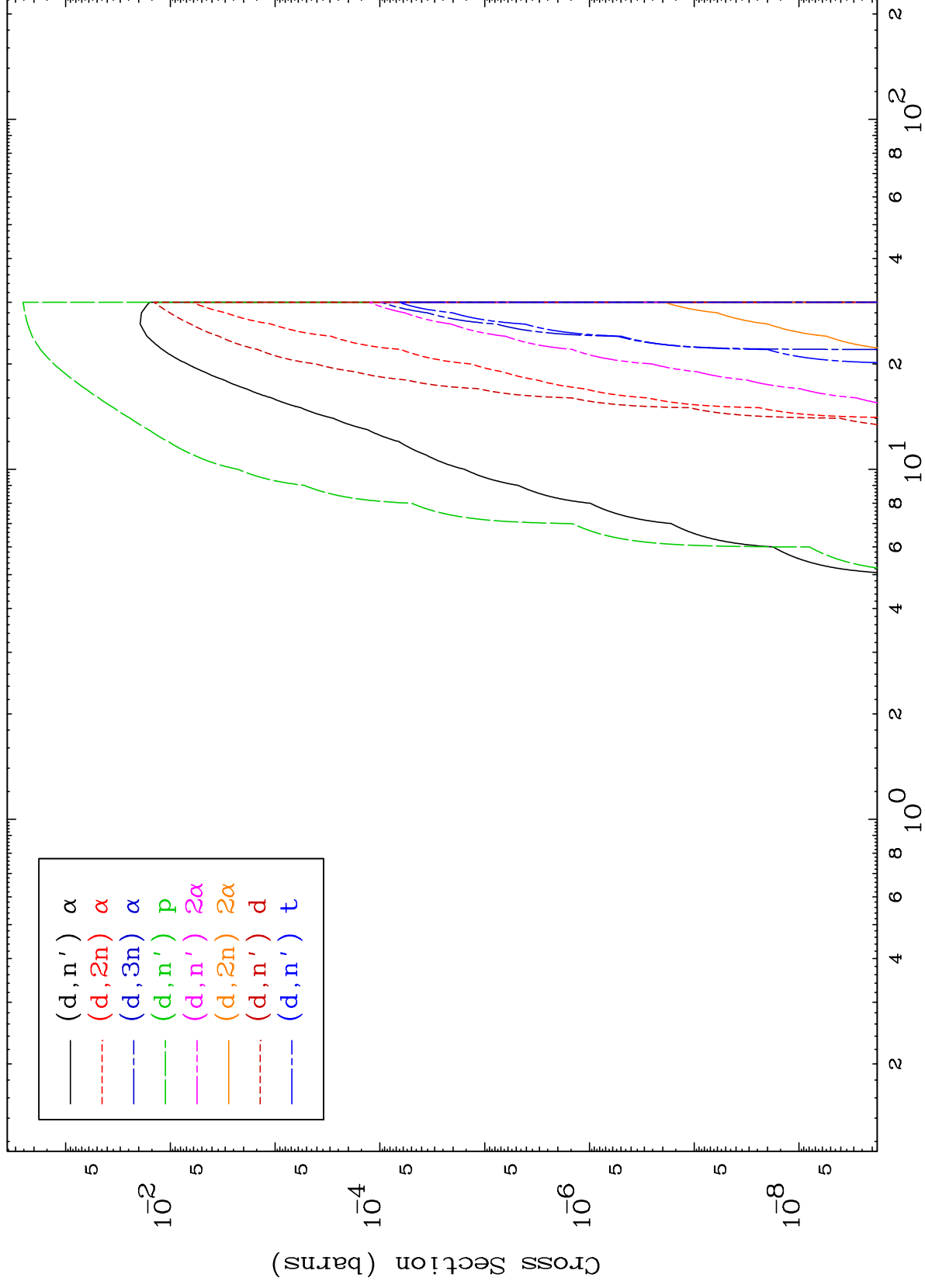
1

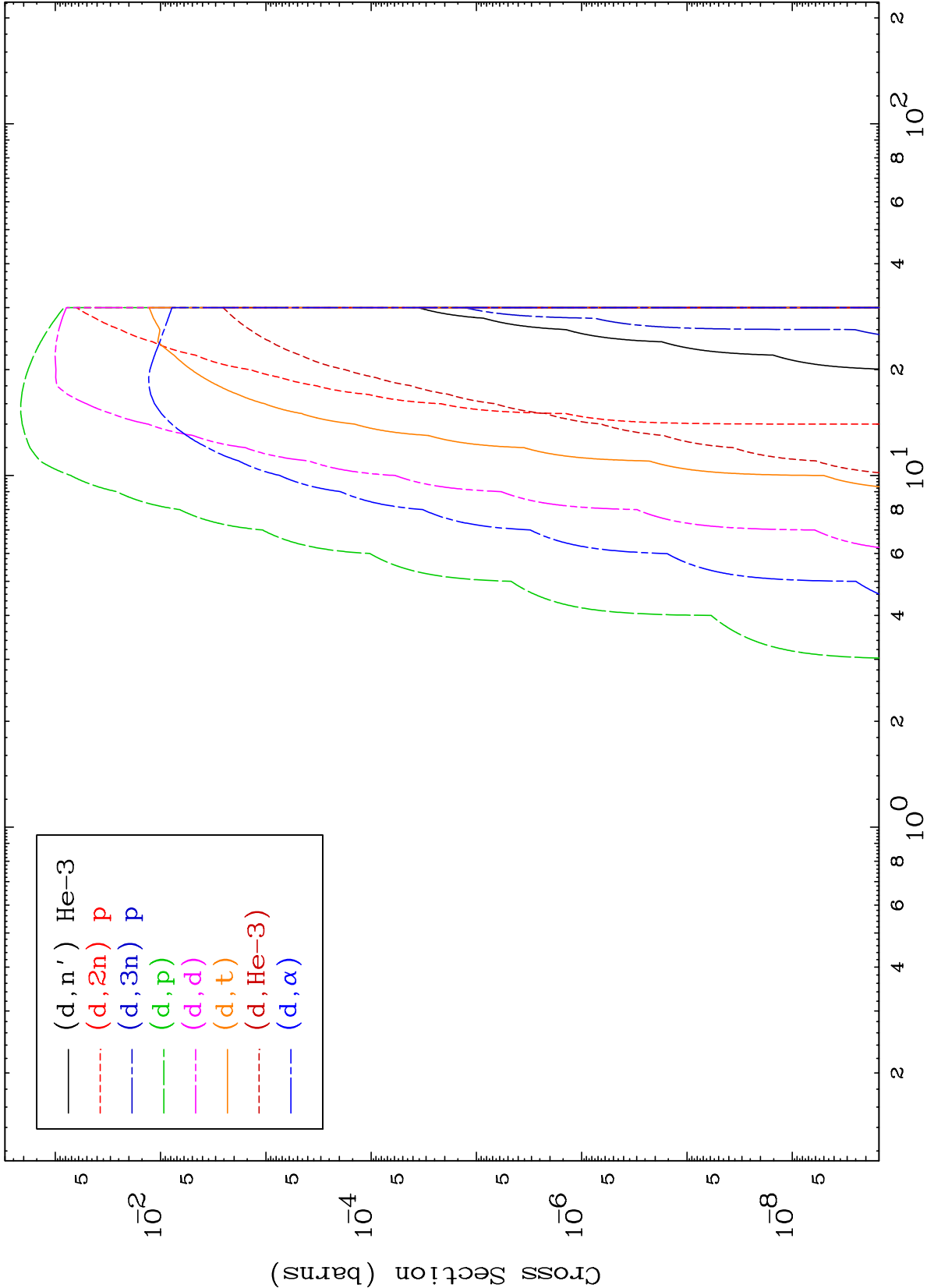
Incident Energy (MeV)

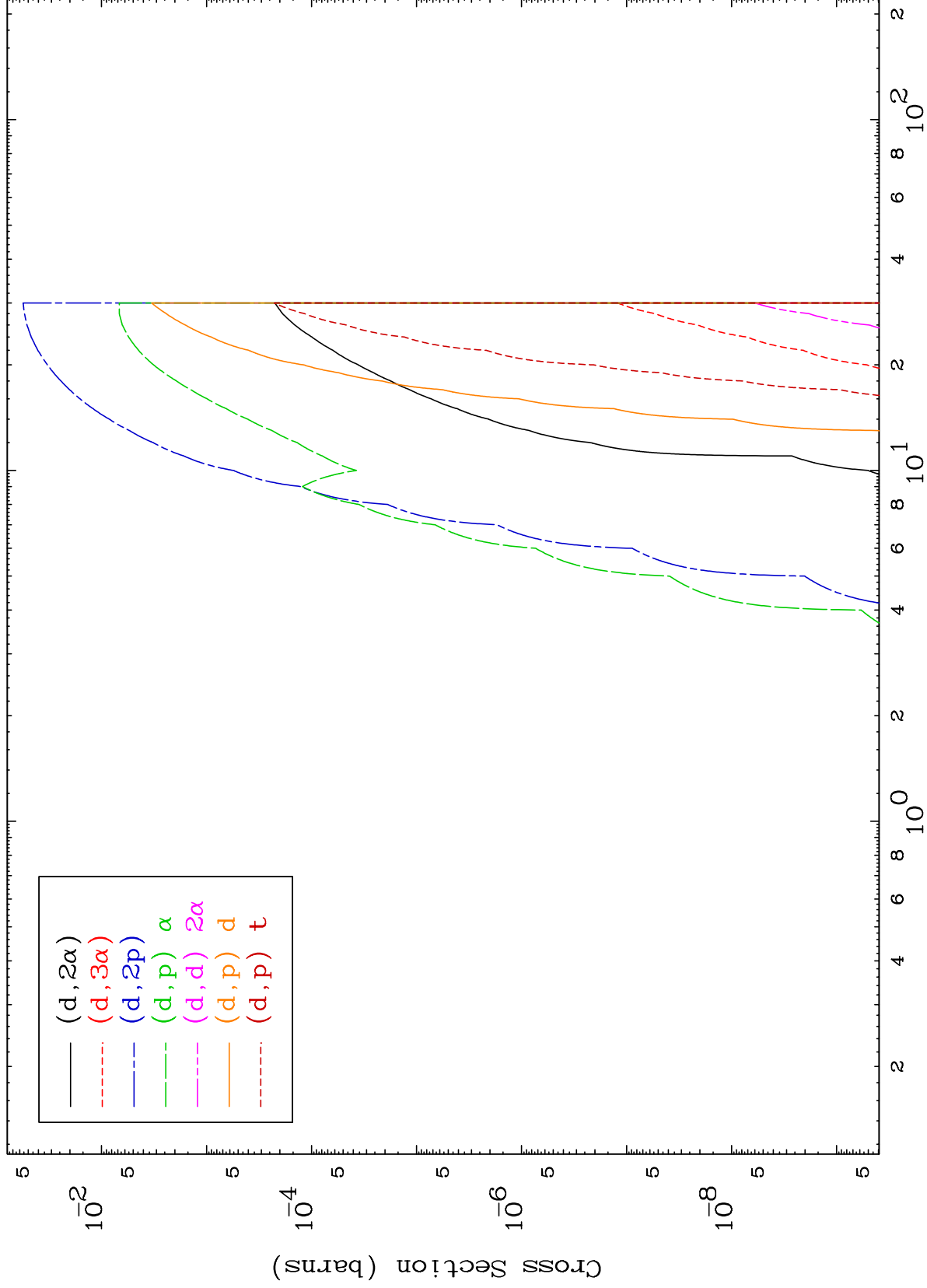
82-Pb-189







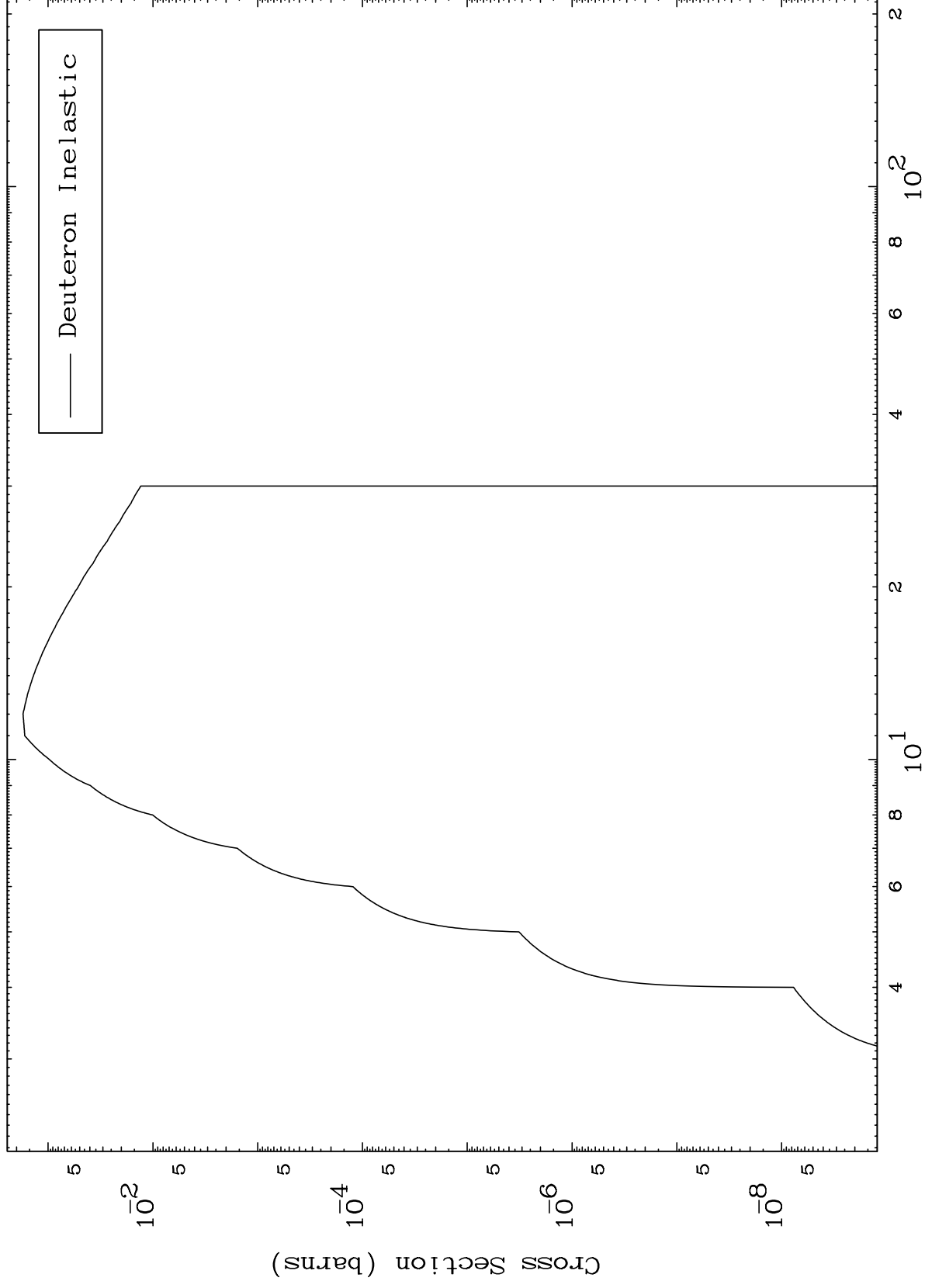




MAT 8180

82-Pb-189

(d,n') Level
0 Kelvin Cross Sections



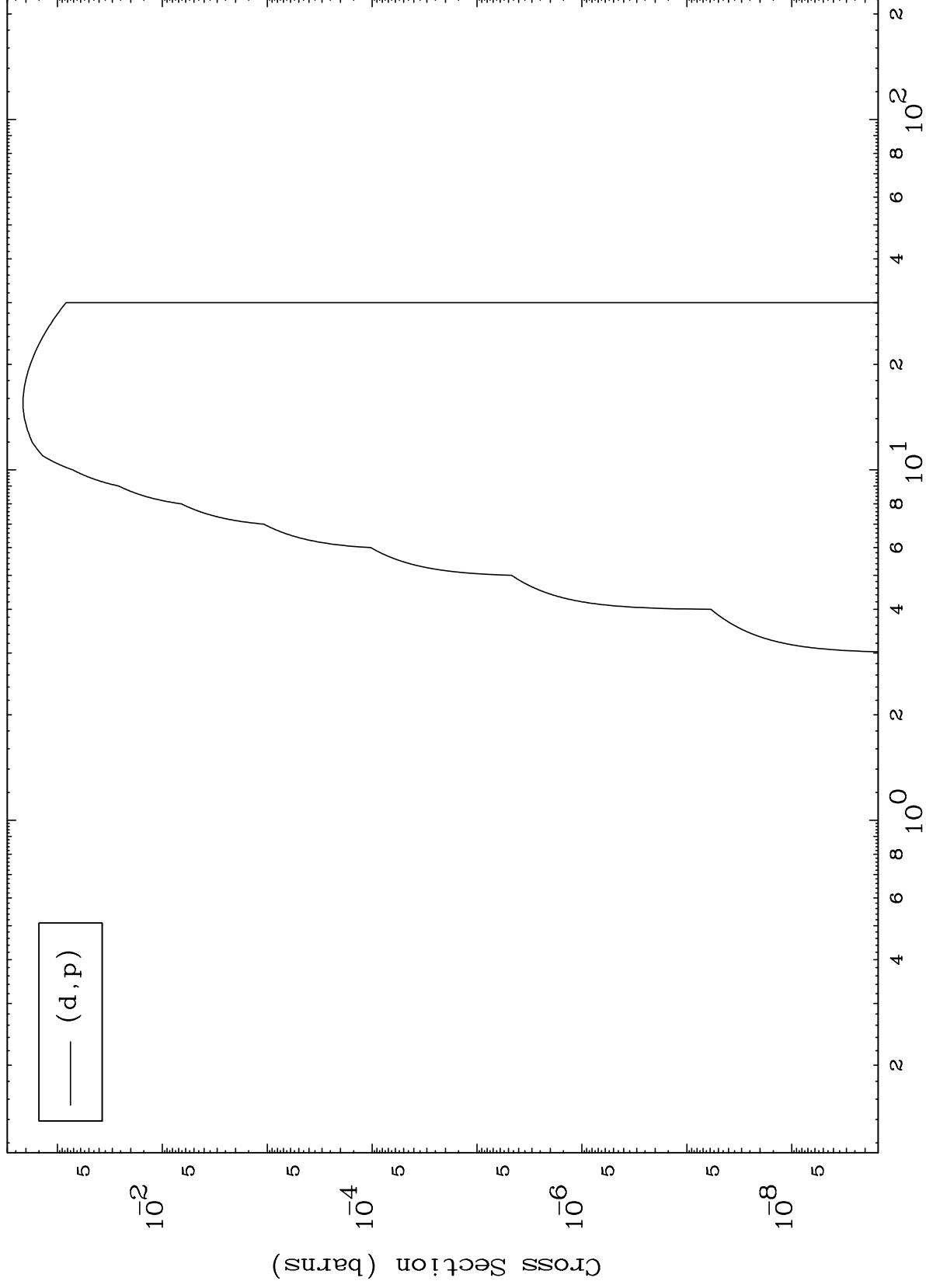
7

82-Pb-189

MAT 8180

82-Pb-189

(d,p) Levels
0 Kelvin Cross Sections



8

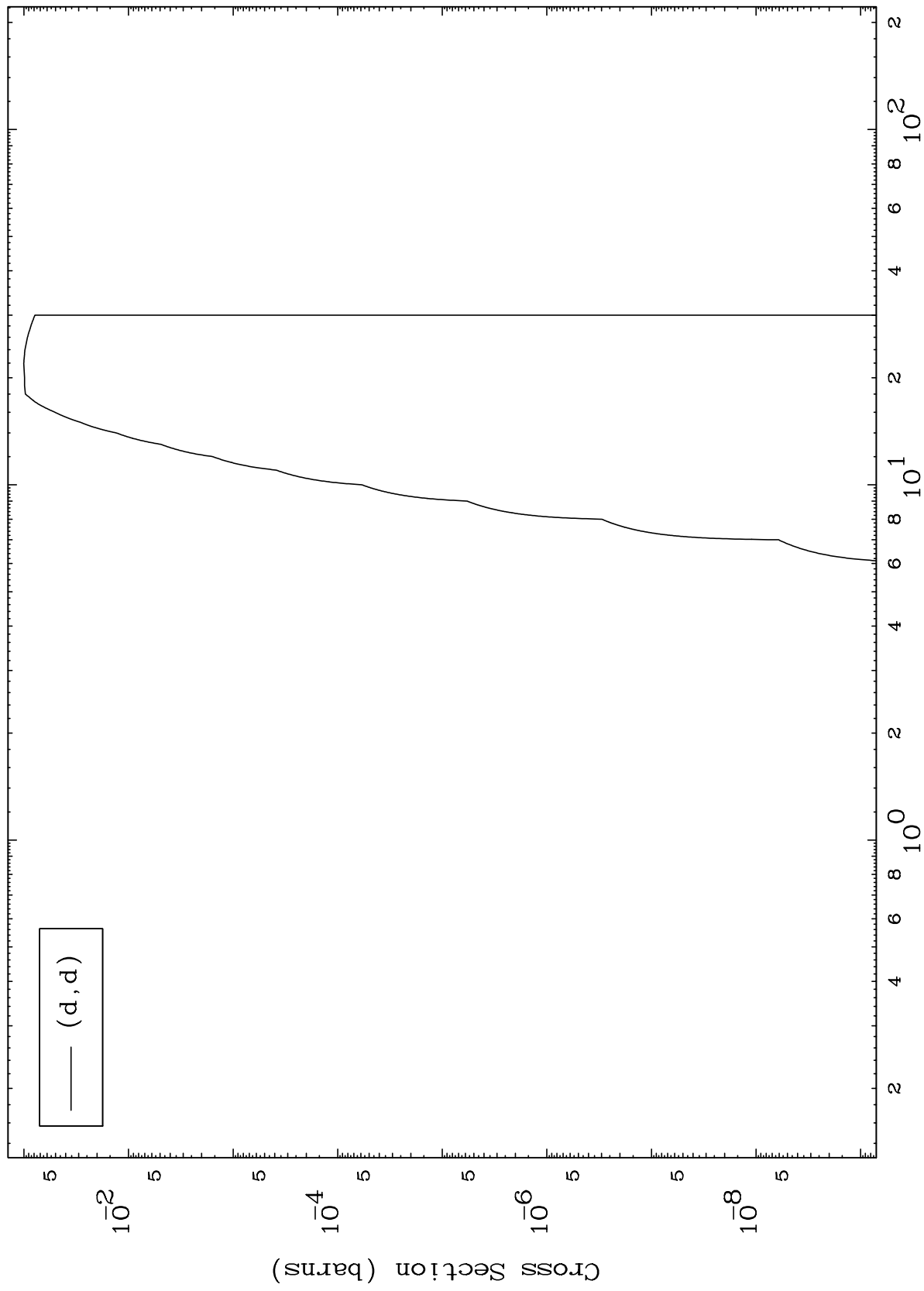
Incident Energy (MeV)

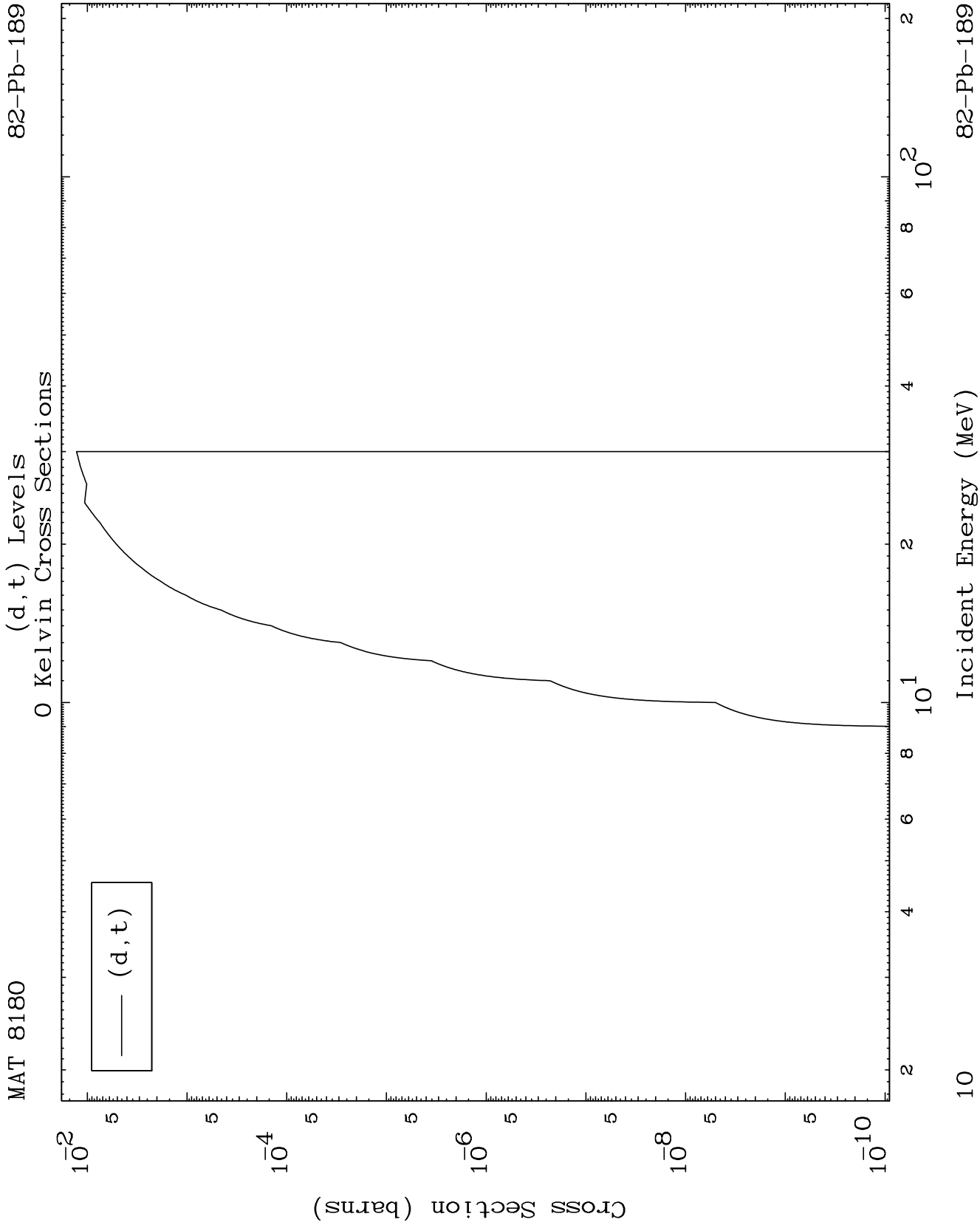
82-Pb-189

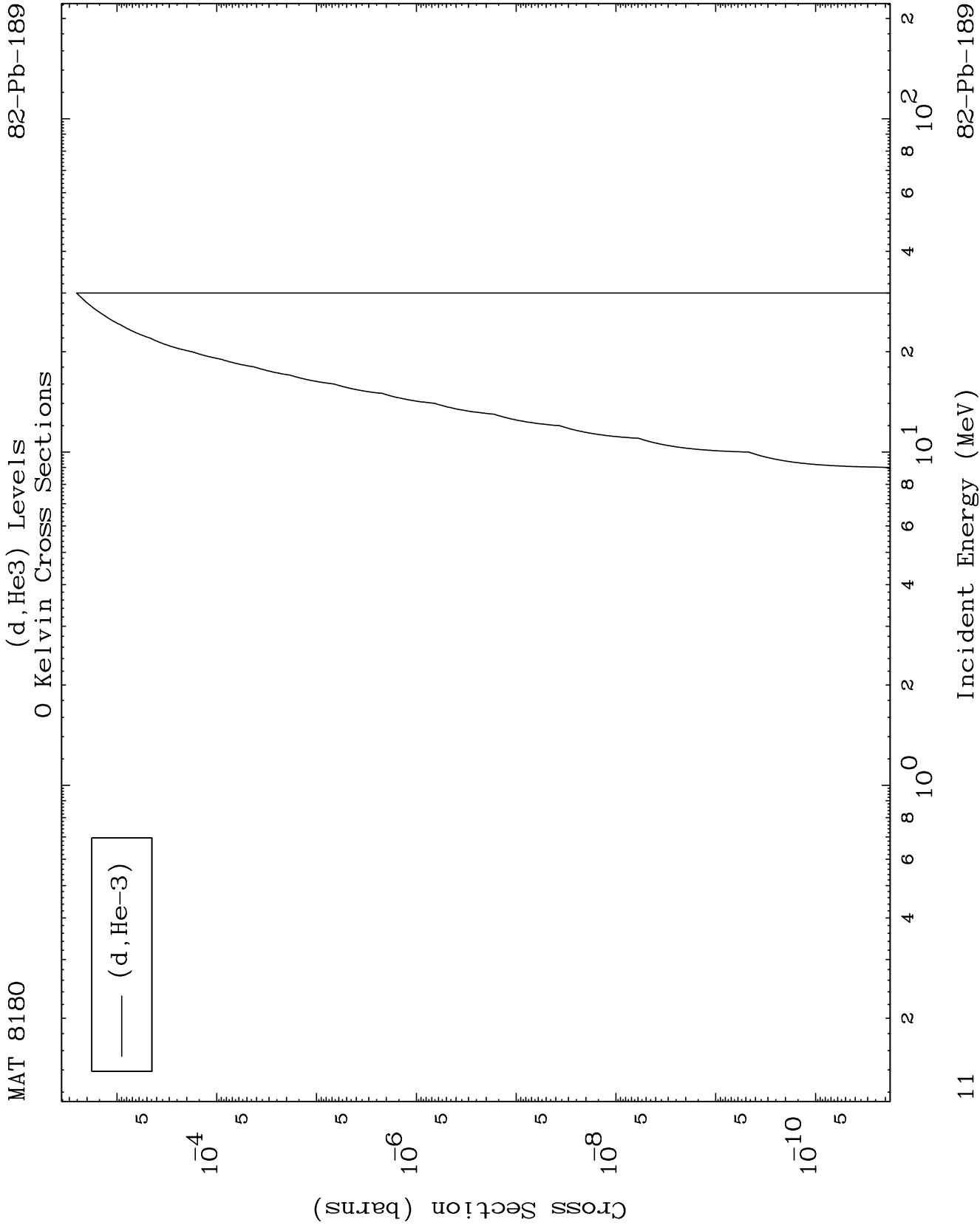
MAT 8180

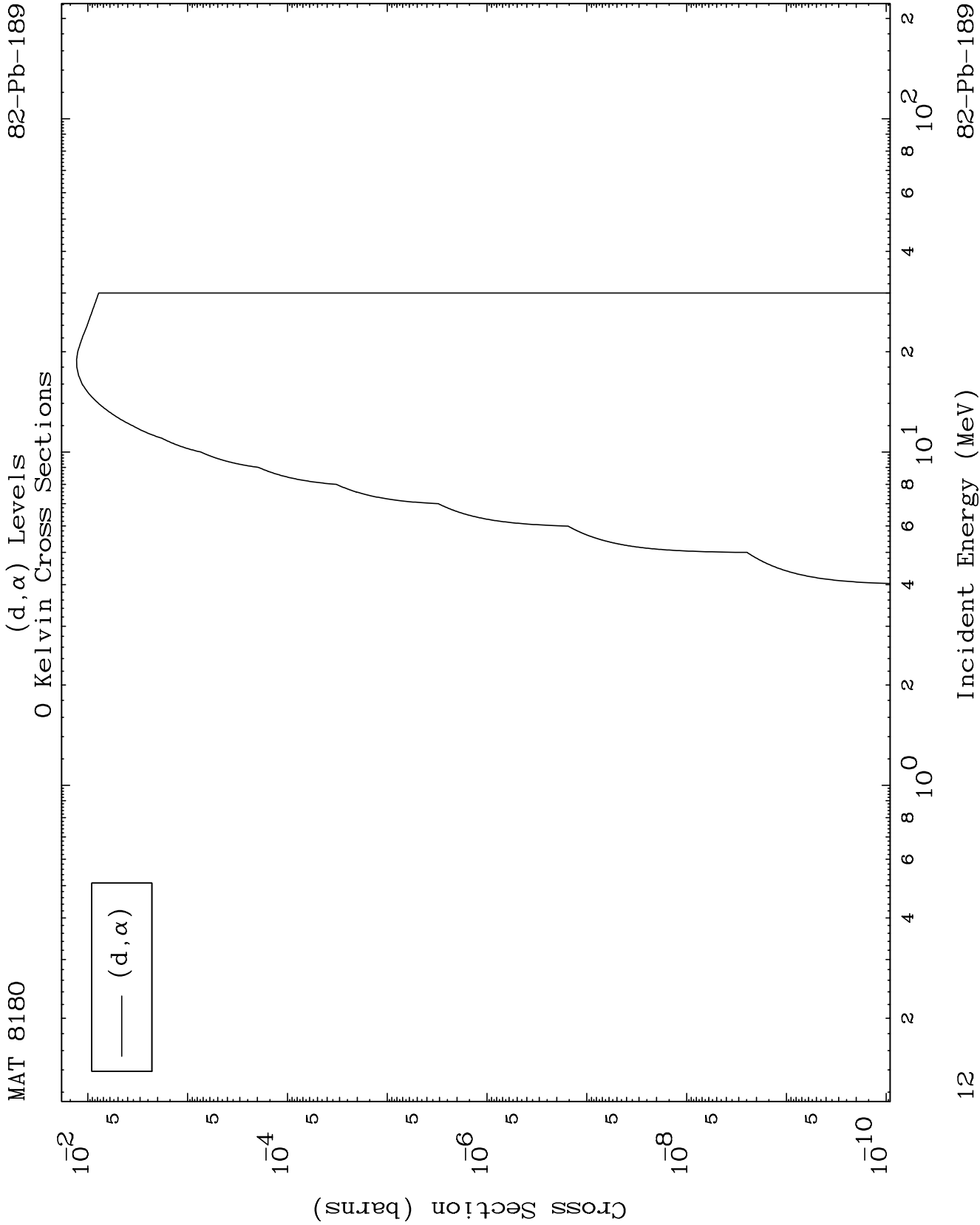
82-Pb-189

(d,d) Levels
0 Kelvin Cross Sections

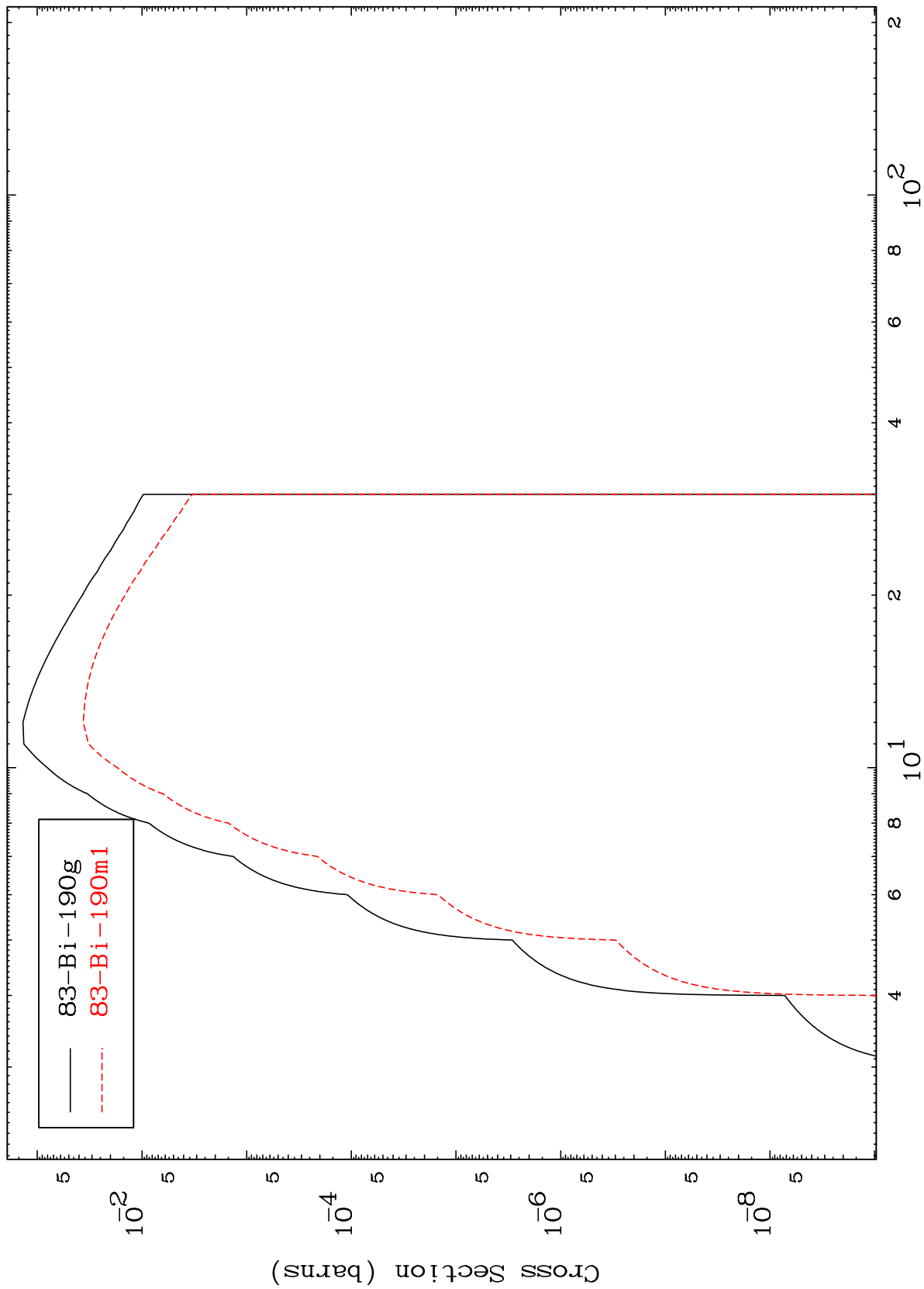


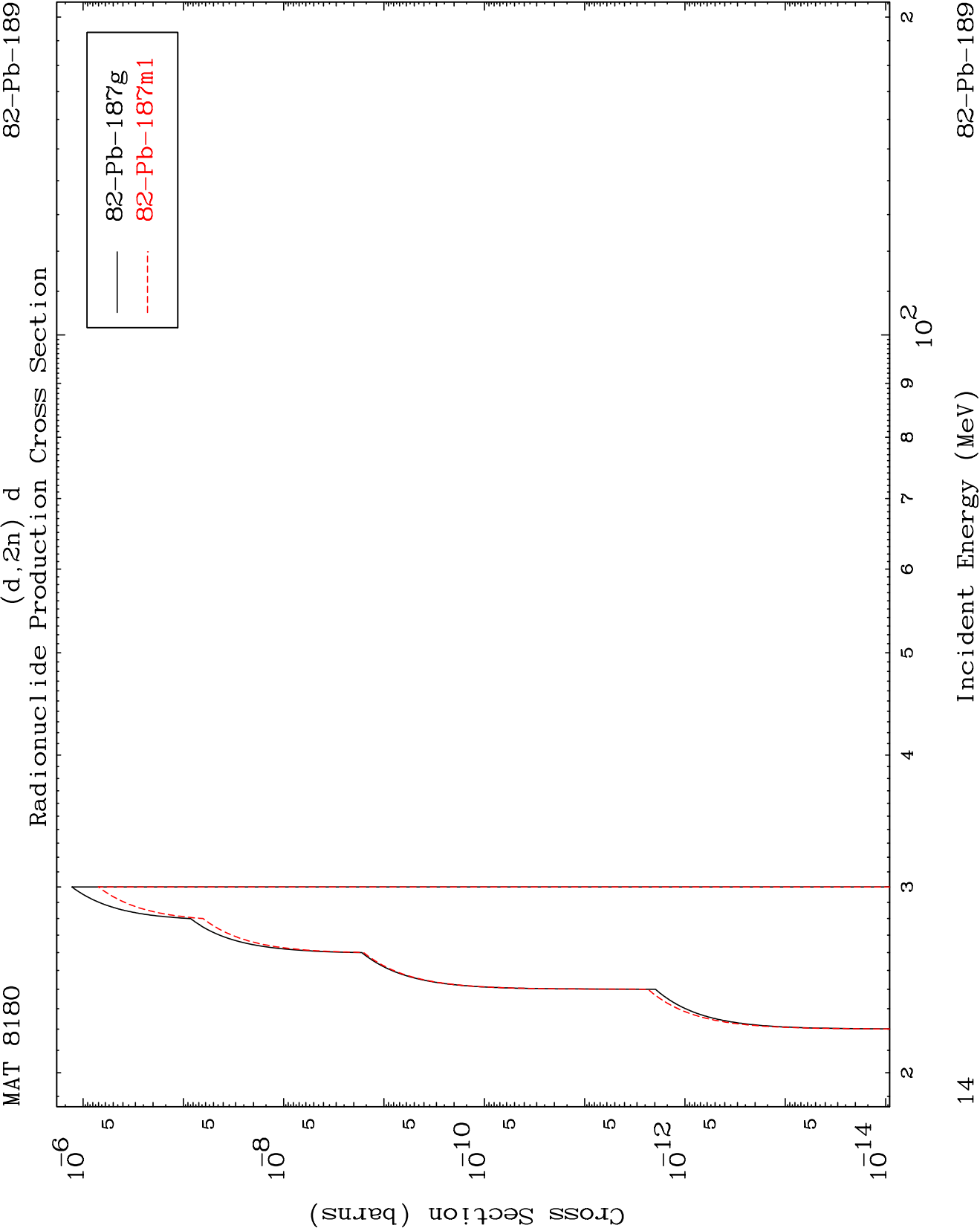






Deuteron Inelastic
Radionuclide Production Cross Section



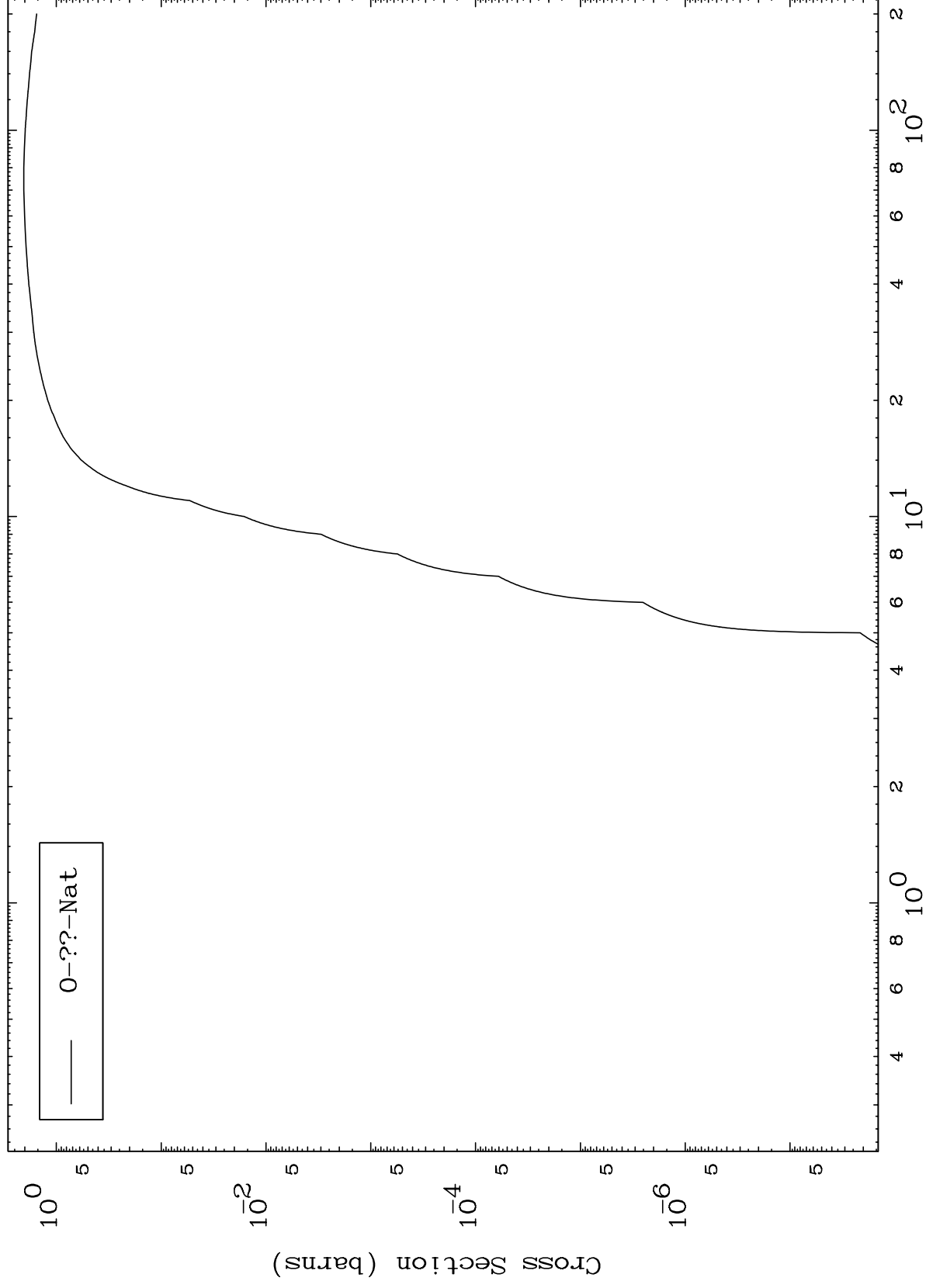


MAT 8180

Deuteron Fission

82-Pb-189

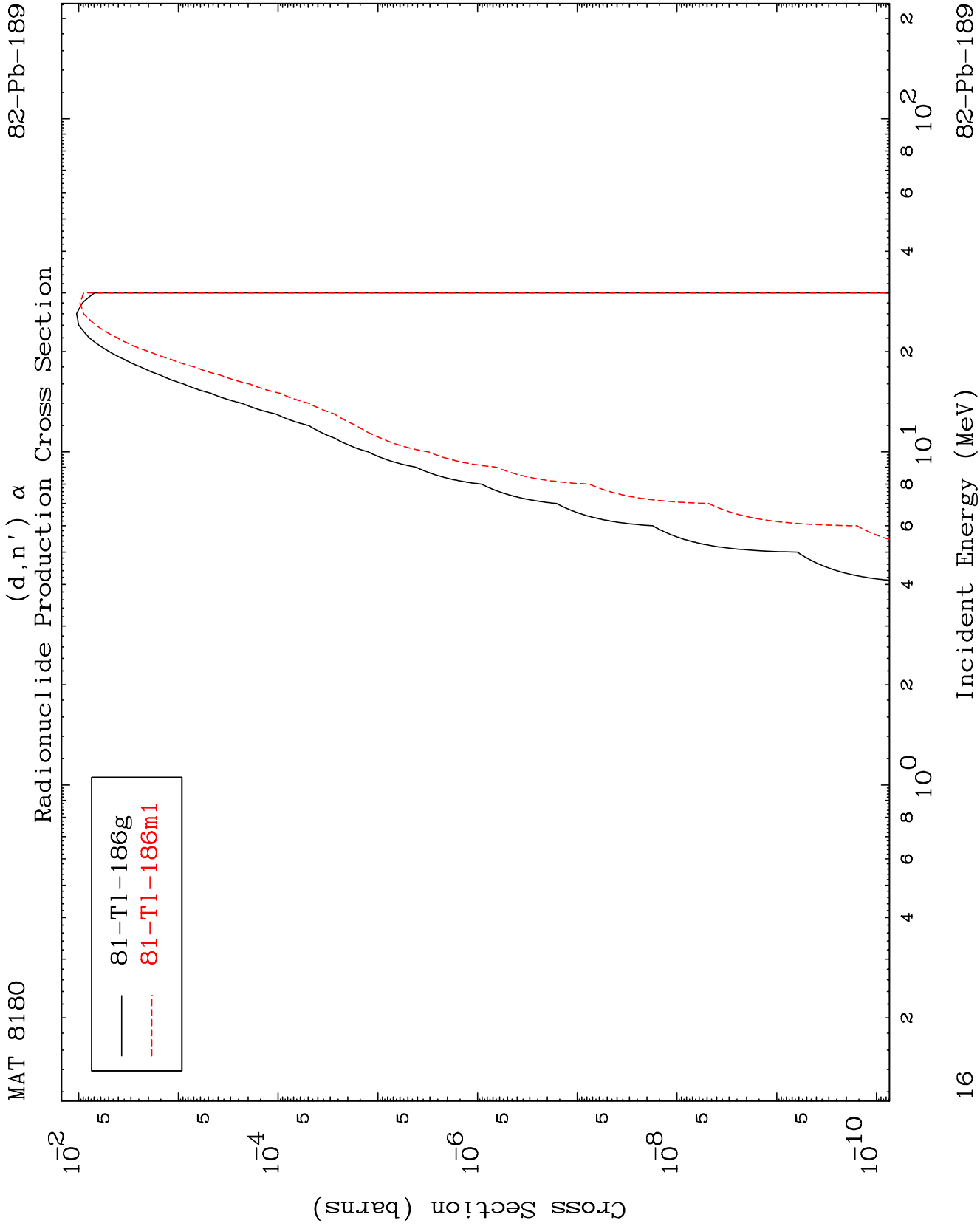
Radionuclide Production Cross Section



15

Incident Energy (MeV)

82-Pb-189

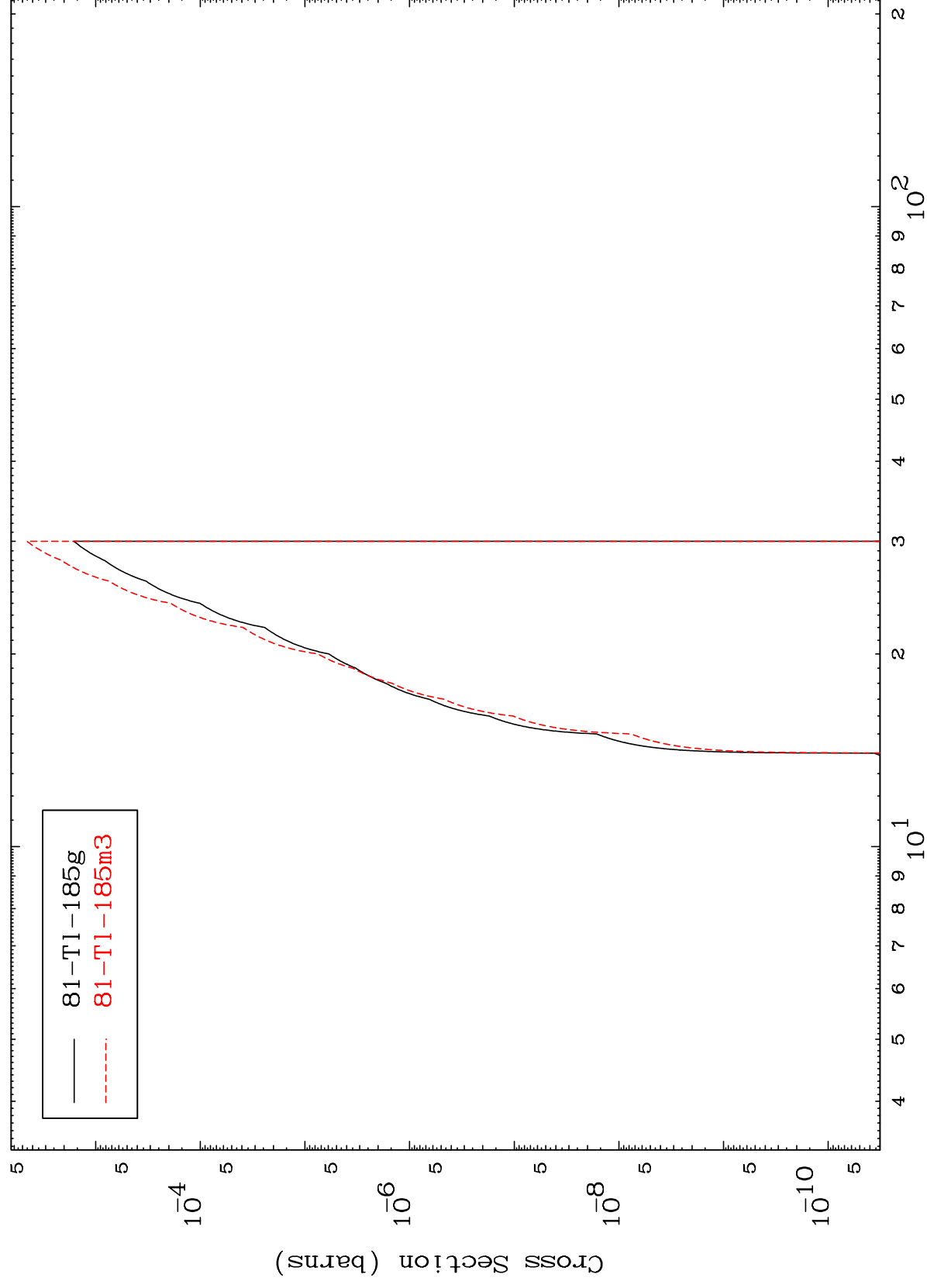


MAT 8180

82-Pb-189

$$(d, 2n) \propto$$

Radionuclide Production Cross Section



21

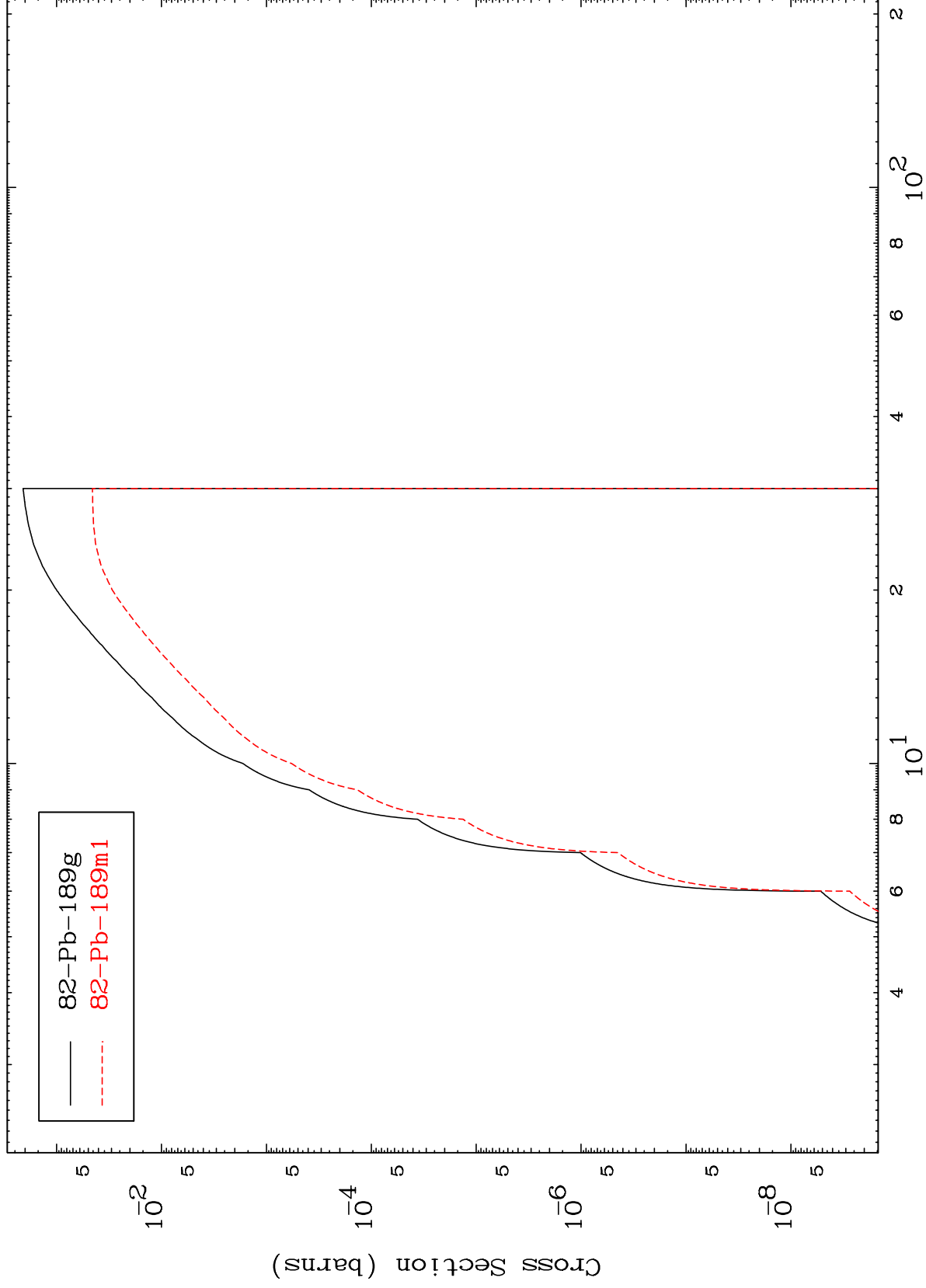
Incident Energy (MeV)

82-Pb-189

MAT 8180

82-Pb-189

Radionuclide Production Cross Section
(d,n') p



18

Incident Energy (MeV)

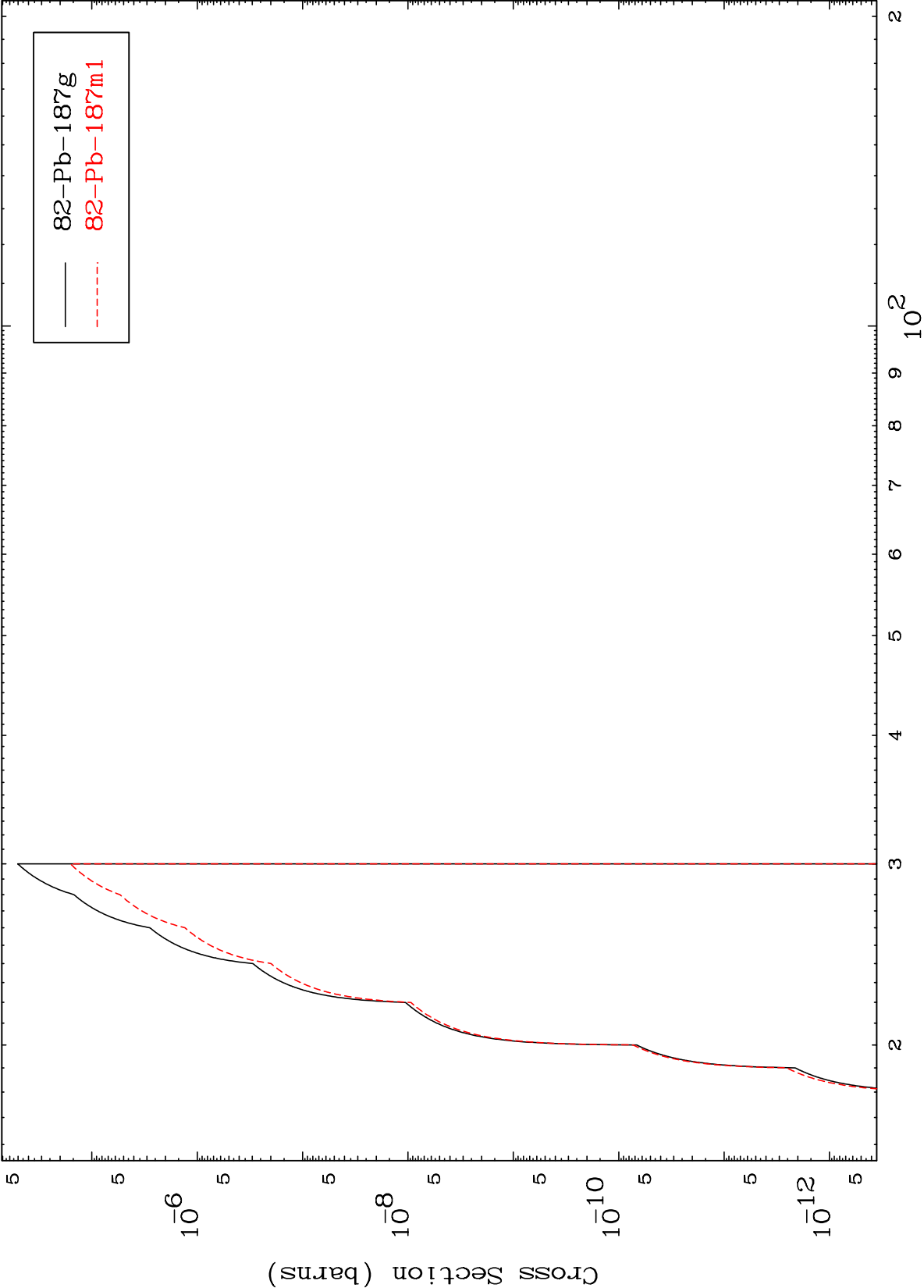
82-Pb-189

MAT 8180

(d,n') t

82-Pb-189

Radionuclide Production Cross Section



19

Incident Energy (MeV)

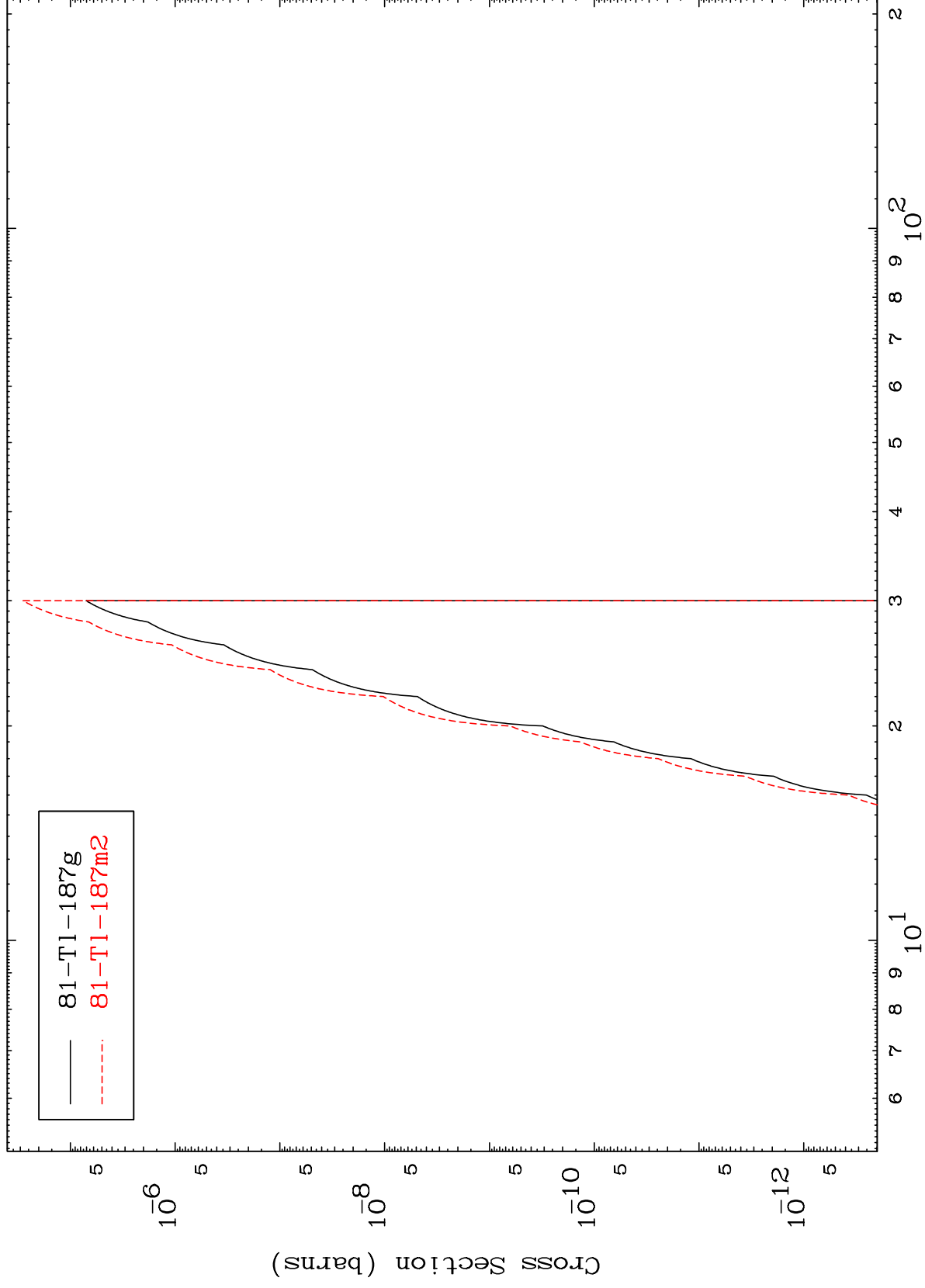
82-Pb-189

MAT 8180

(d,n') He-3

82-Pb-189

Radionuclide Production Cross Section

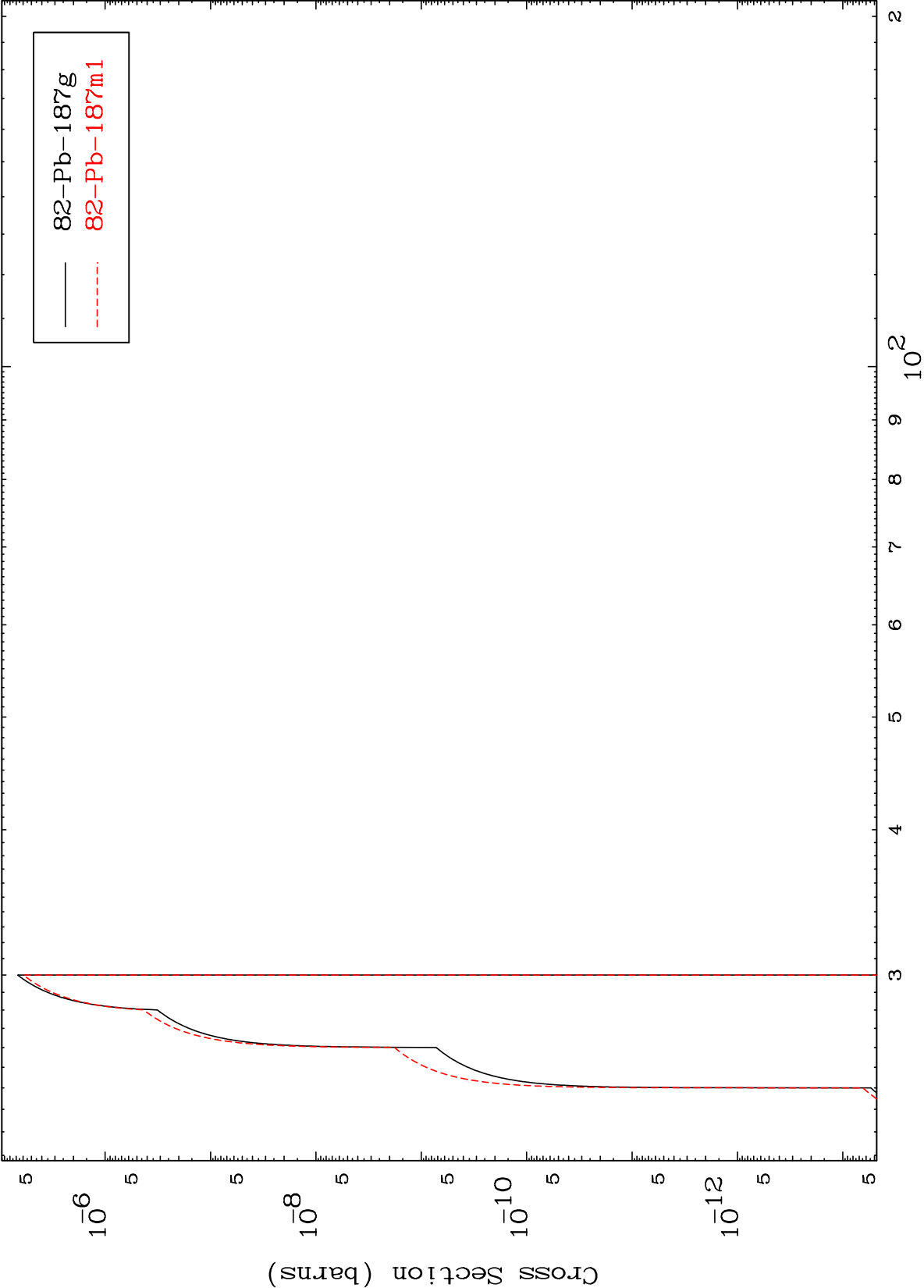


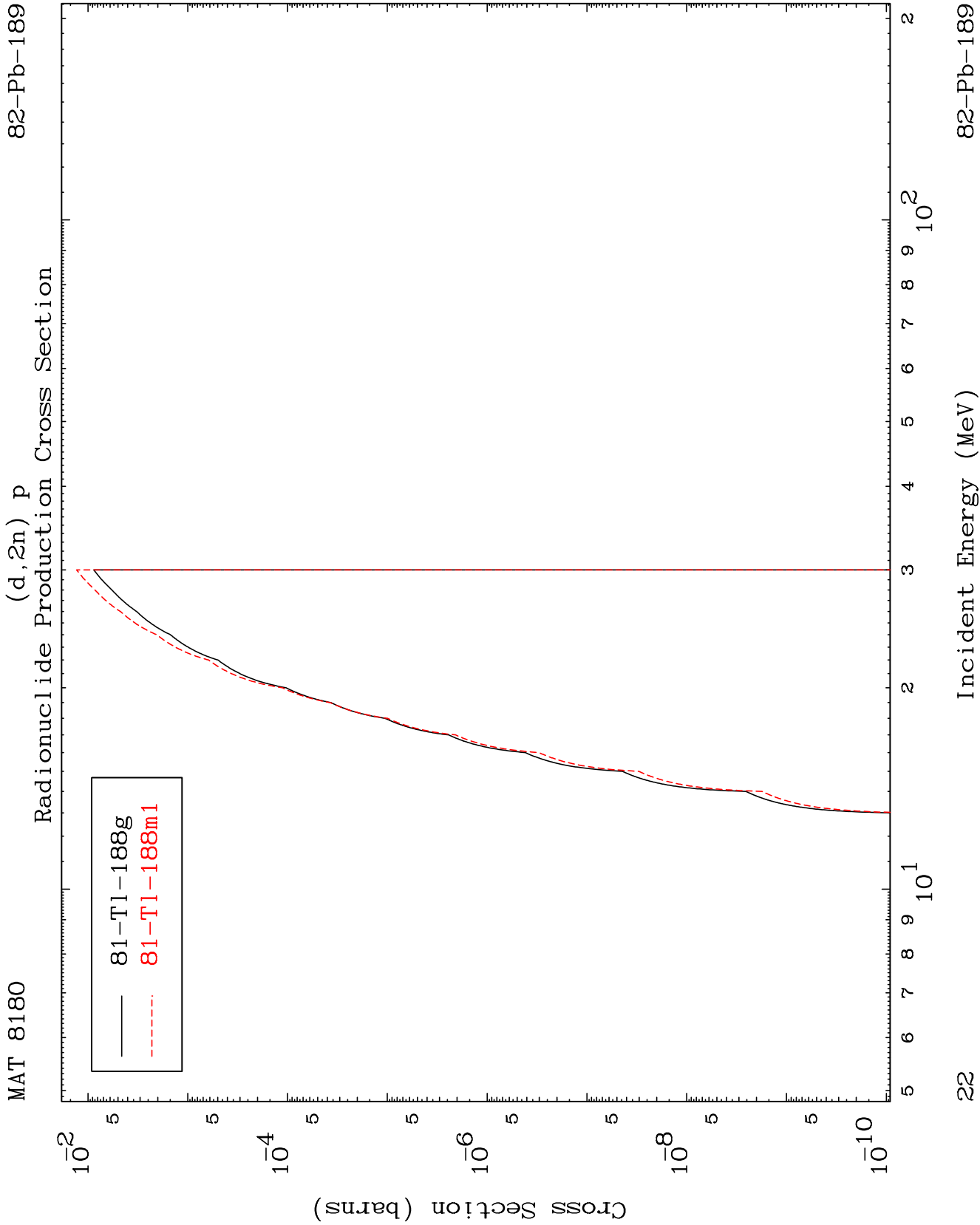
20

Incident Energy (MeV)

82-Pb-189

(d,3n) p
Radionuclide Production Cross Section



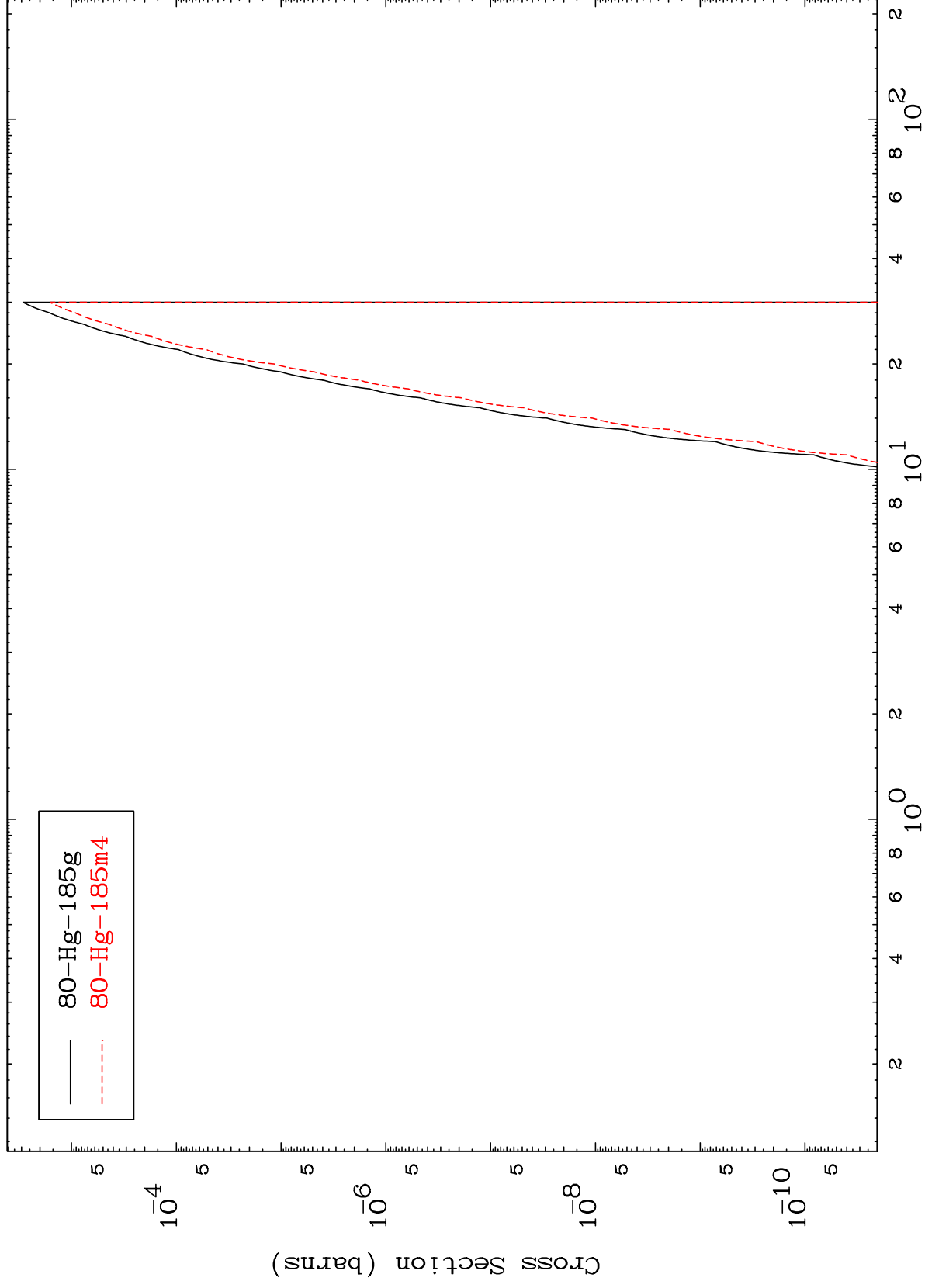


MAT 8180

(d,n') p α

82-Pb-189

Radionuclide Production Cross Section



23

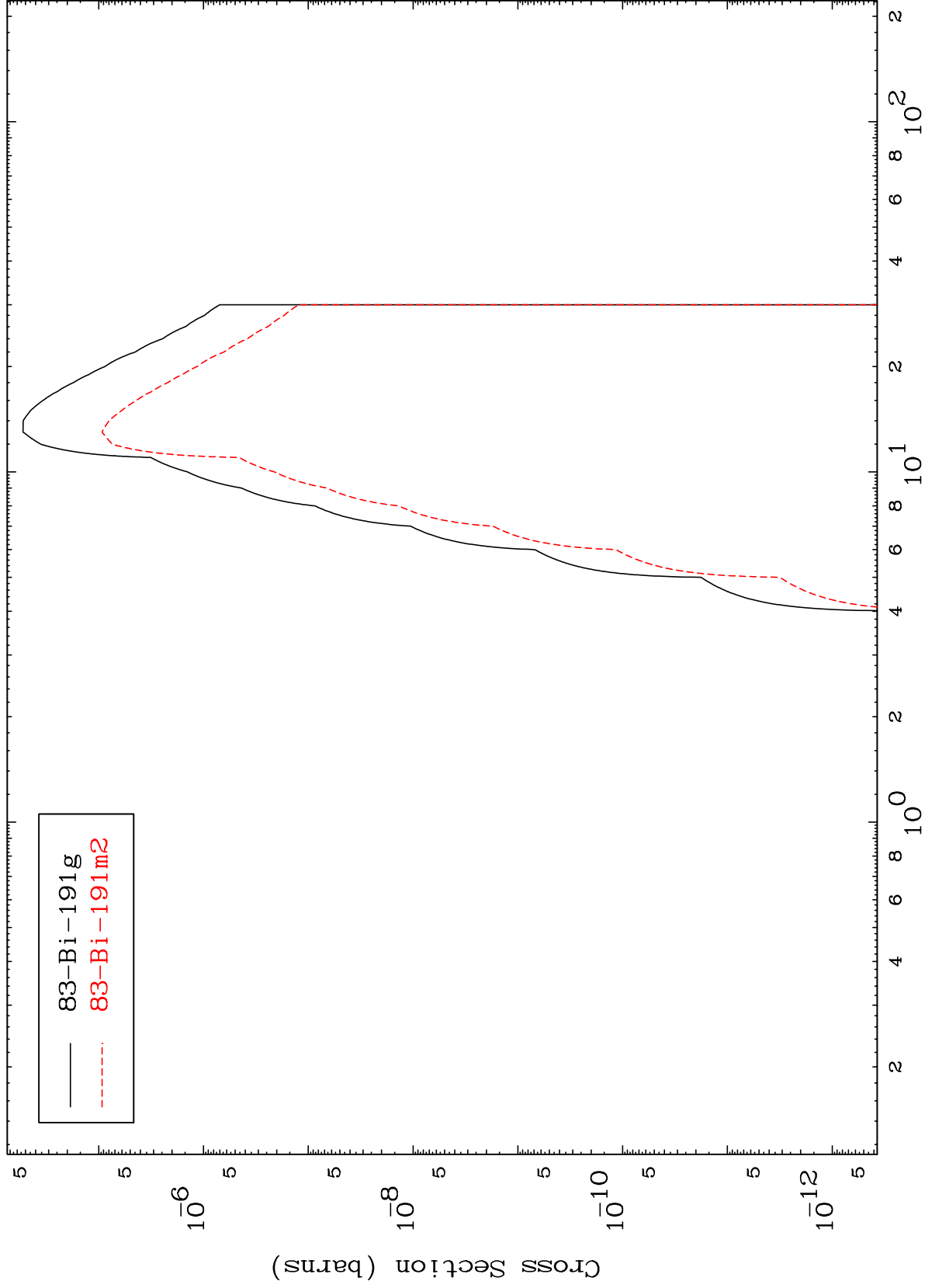
Incident Energy (MeV)

82-Pb-189

MAT 8180

82-Pb-189

Radionuclide Production Cross Section
(d, γ)



24

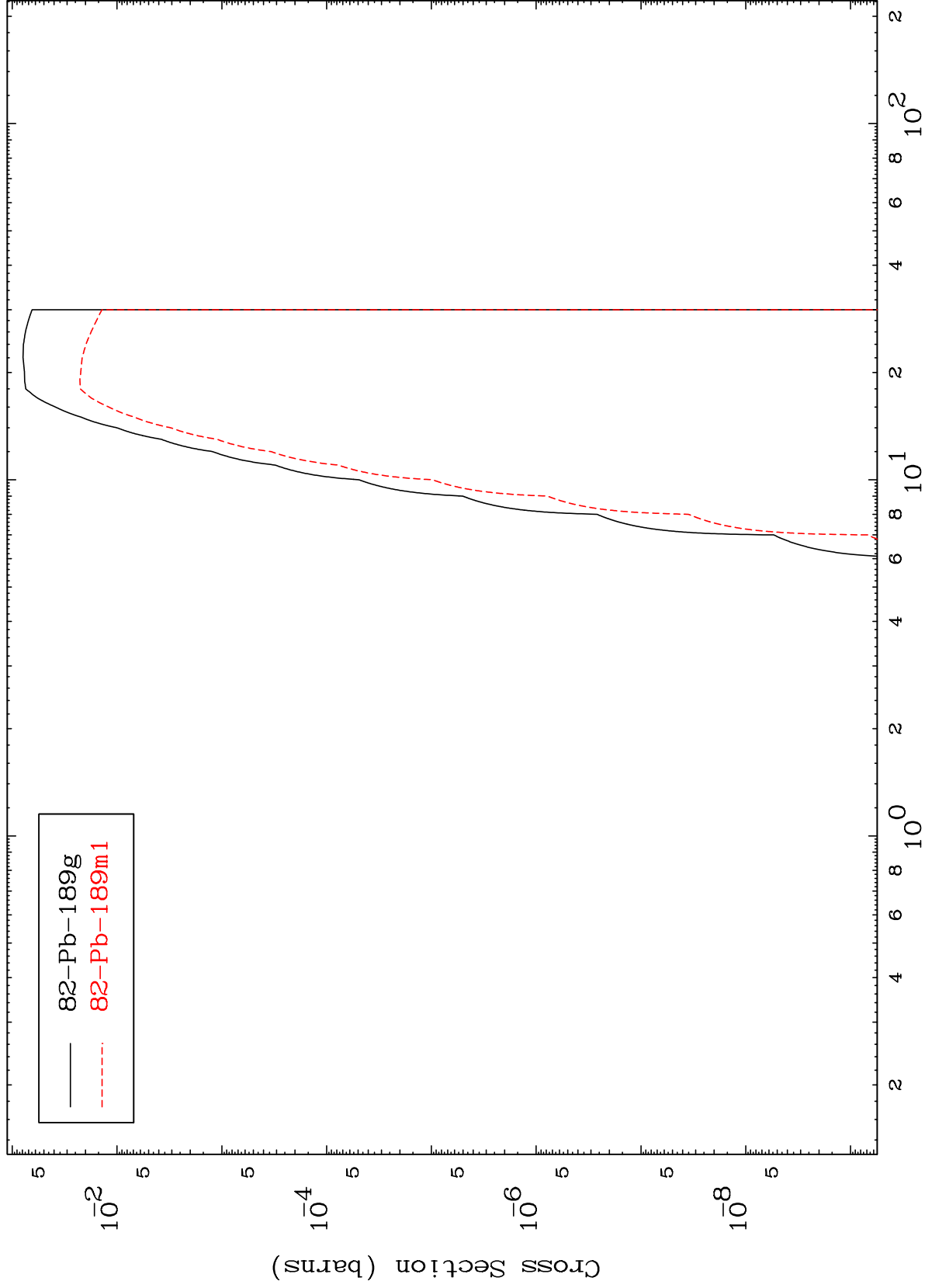
Incident Energy (MeV)

82-Pb-189

MAT 8180

82-Pb-189

Radionuclide Production Cross Section
(d,d)

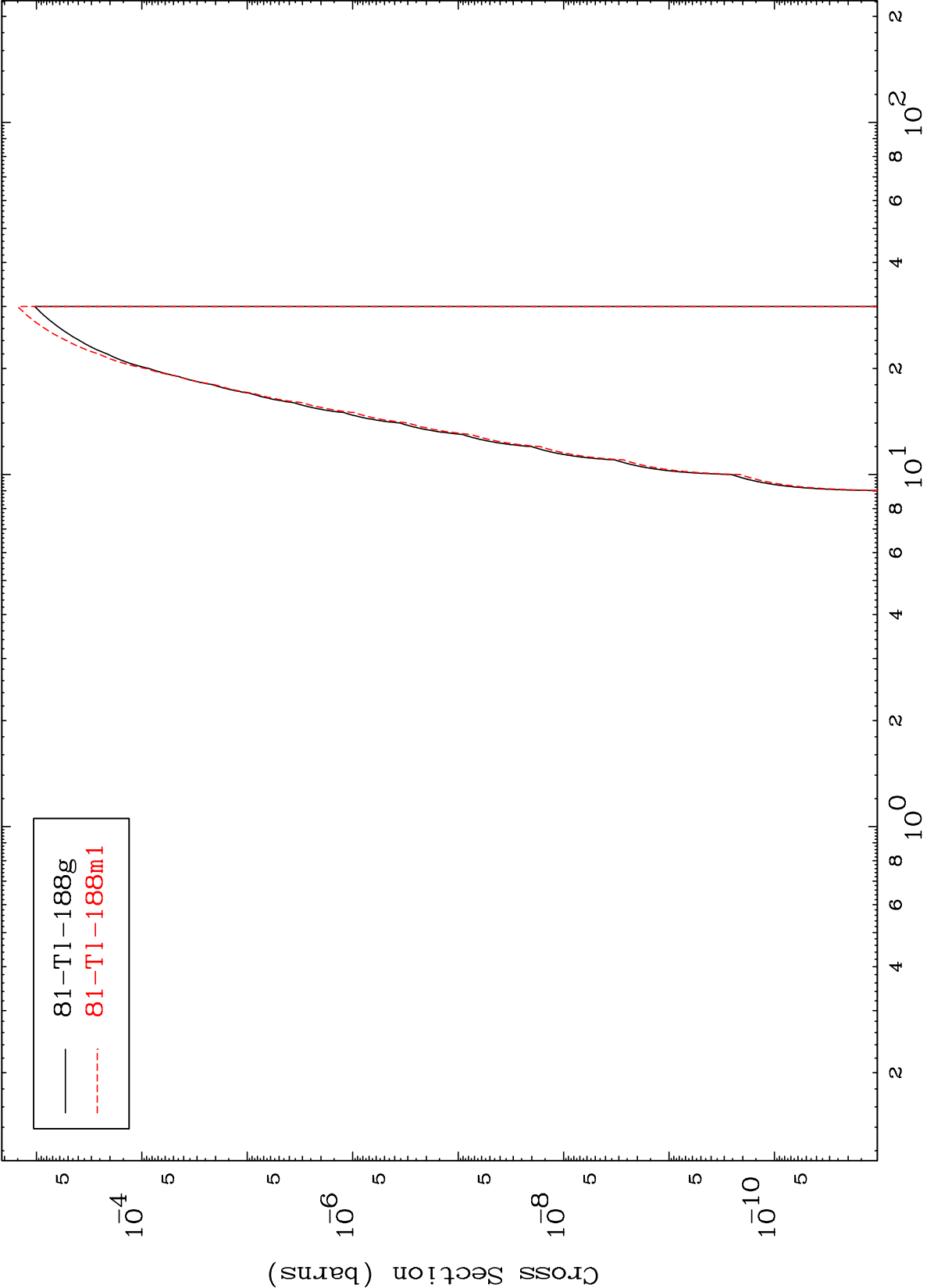


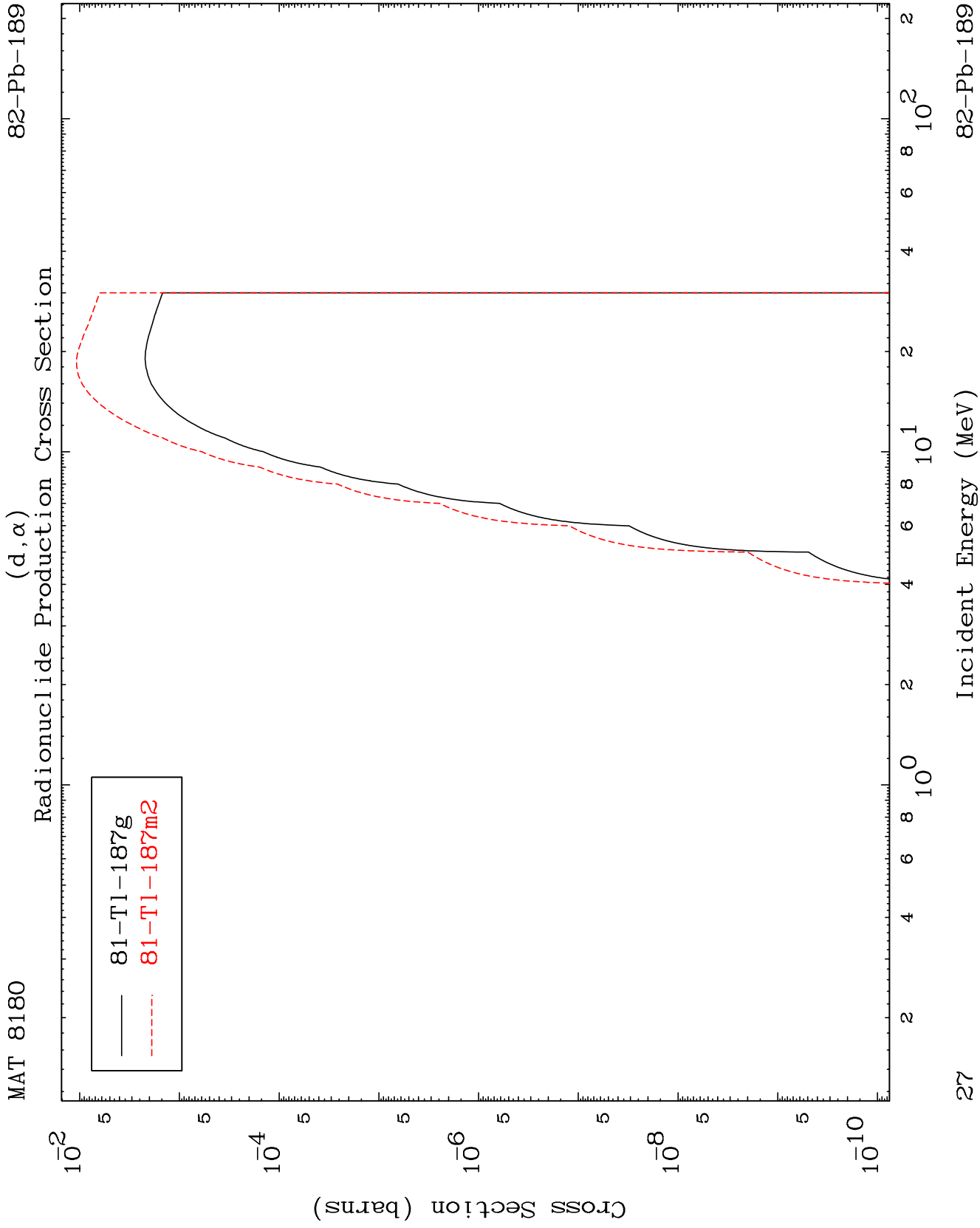
25

Incident Energy (MeV)

82-Pb-189

Radionuclide Production Cross Section

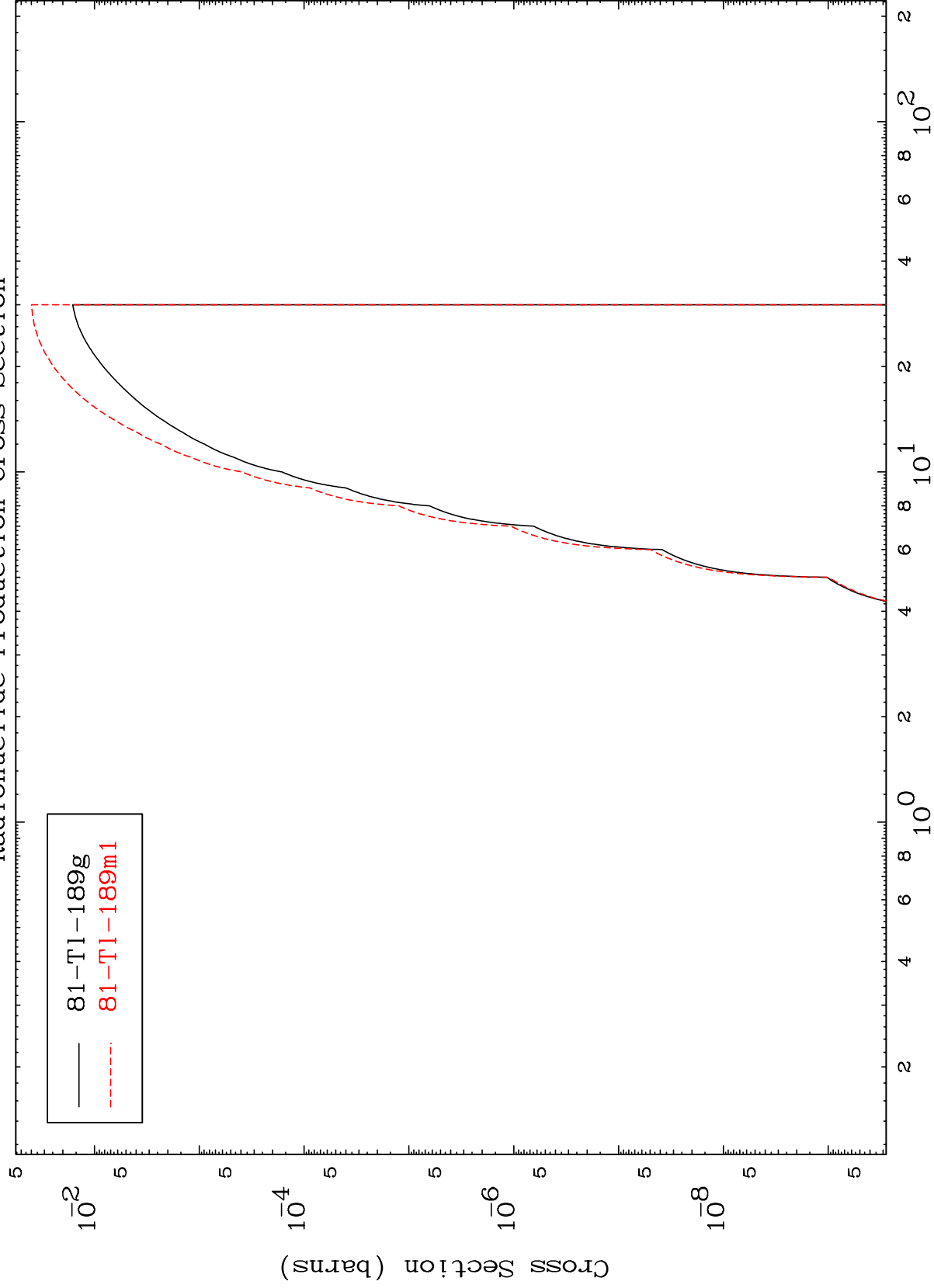




MAT 8180

82-Pb-189

Radionuclide Production Cross Section
(d,2p)



28

Incident Energy (MeV)

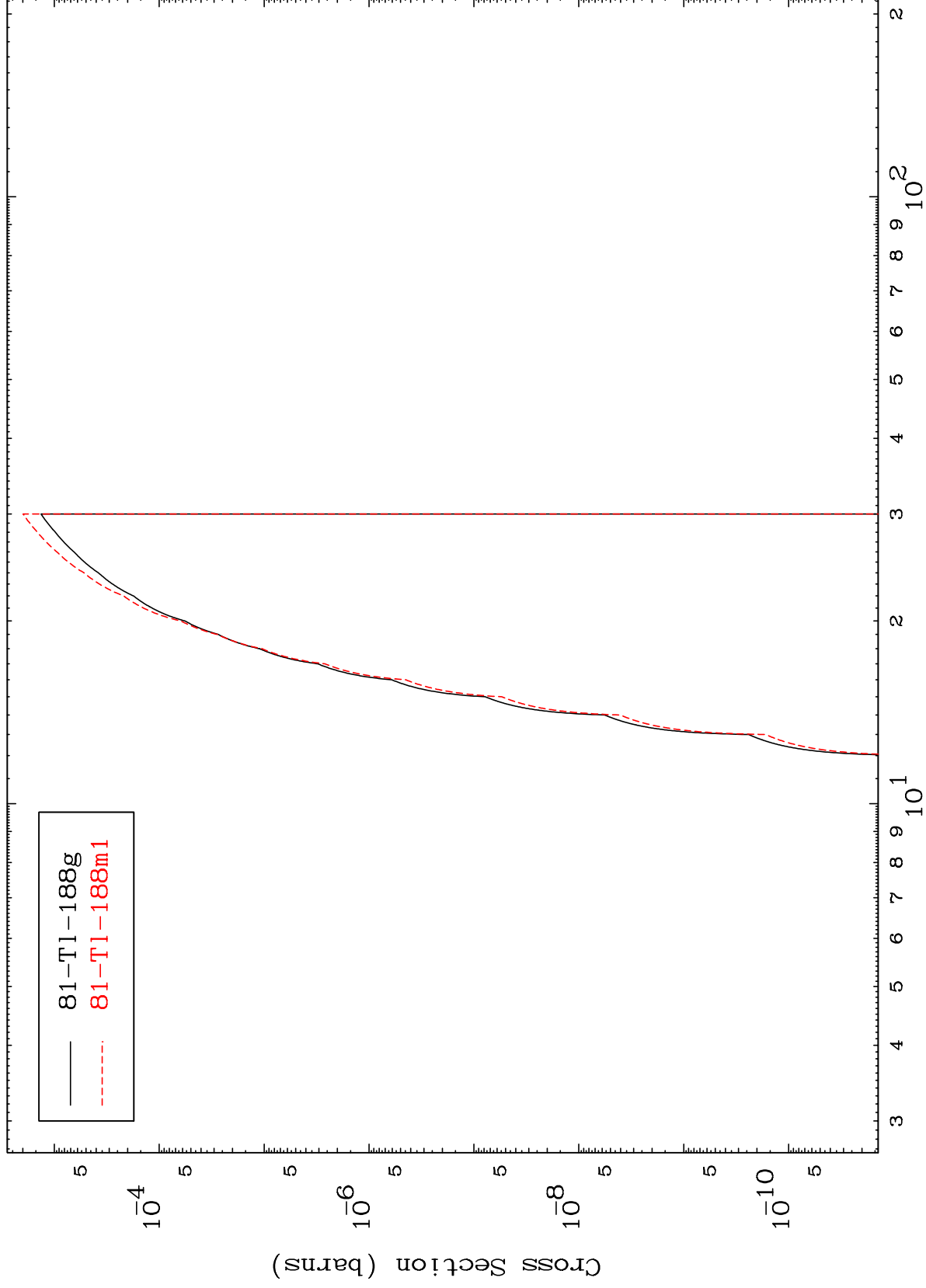
82-Pb-189

MAT 8180

(d,p) d

82-Pb-189

Radionuclide Production Cross Section



29

Incident Energy (MeV)

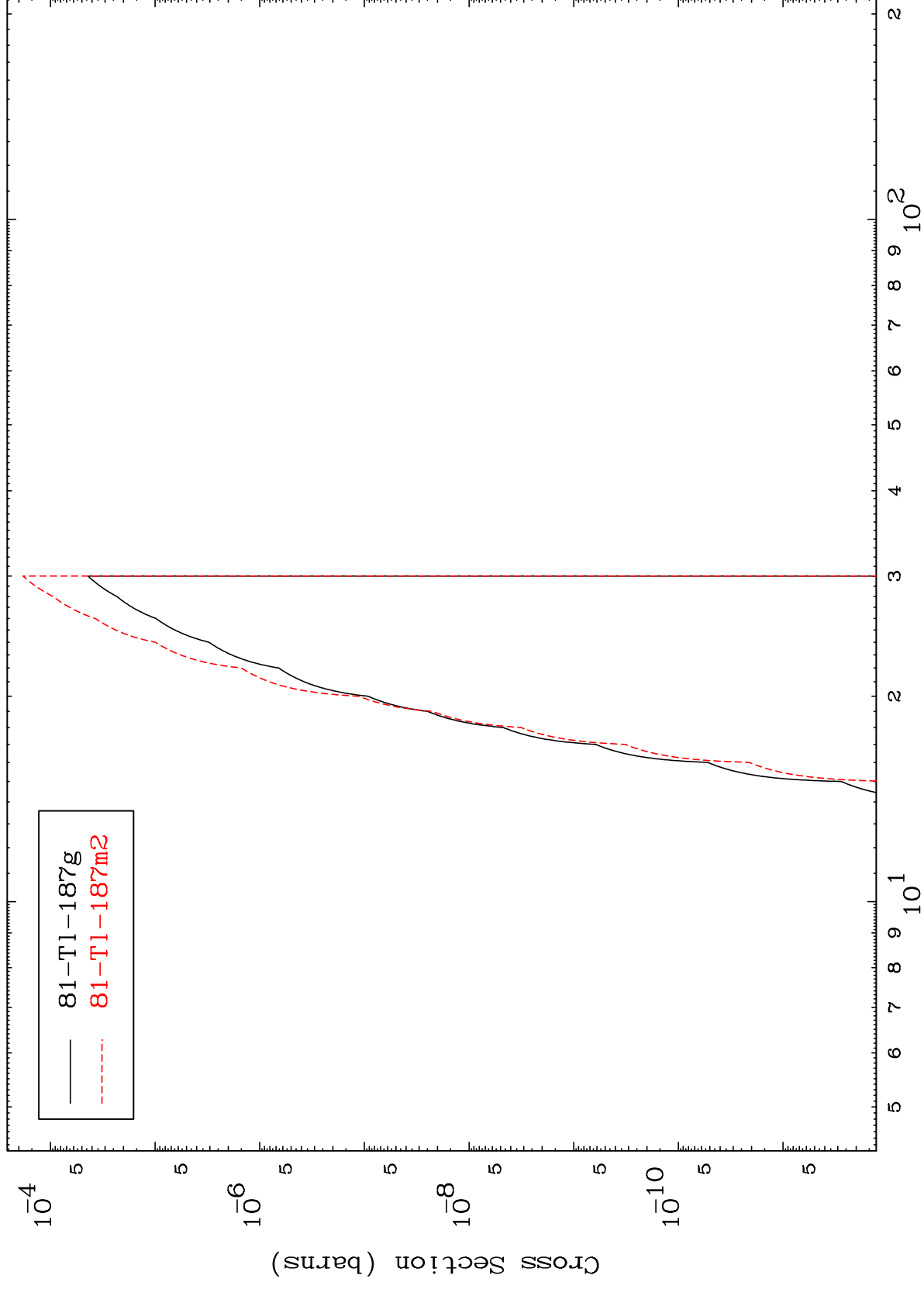
82-Pb-189

MAT 8180

 (d, p) t

82-Pb-189

Radionuclide Production Cross Section



30

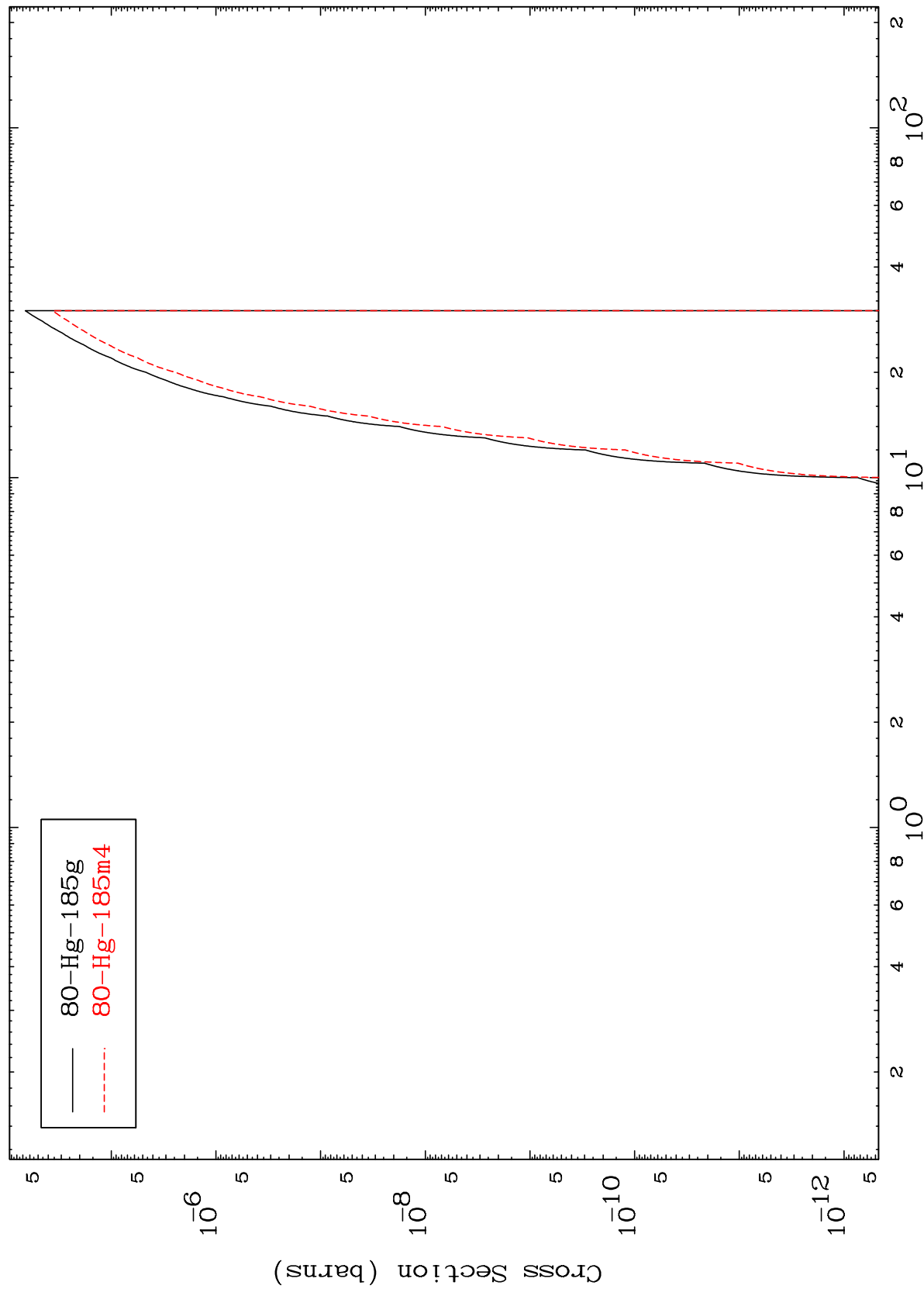
Incident Energy (MeV)

82-Pb-189

MAT 8180

82-Pb-189

(d,d) α
Radionuclide Production Cross Section



31

82-Pb-189