

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

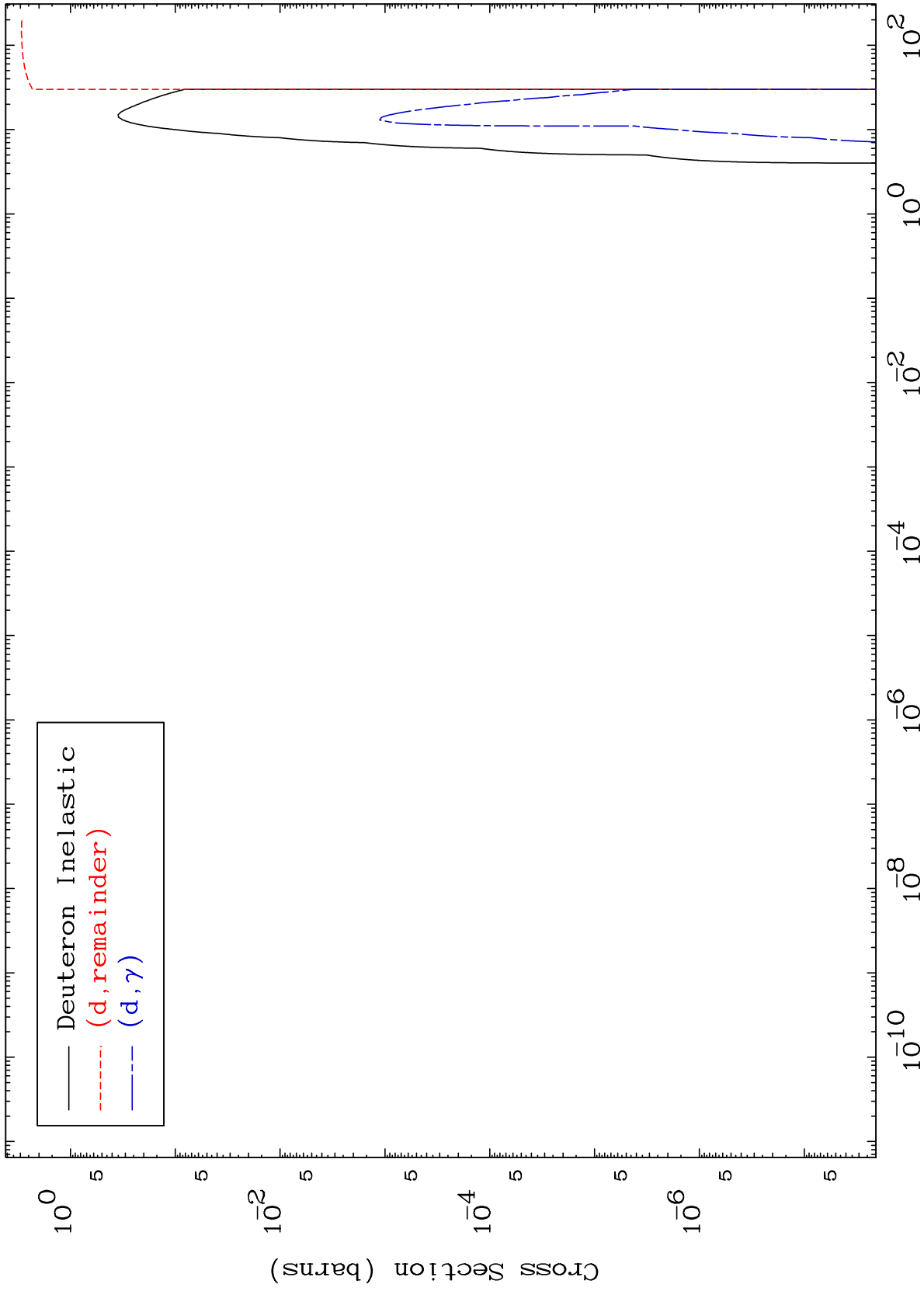
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E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

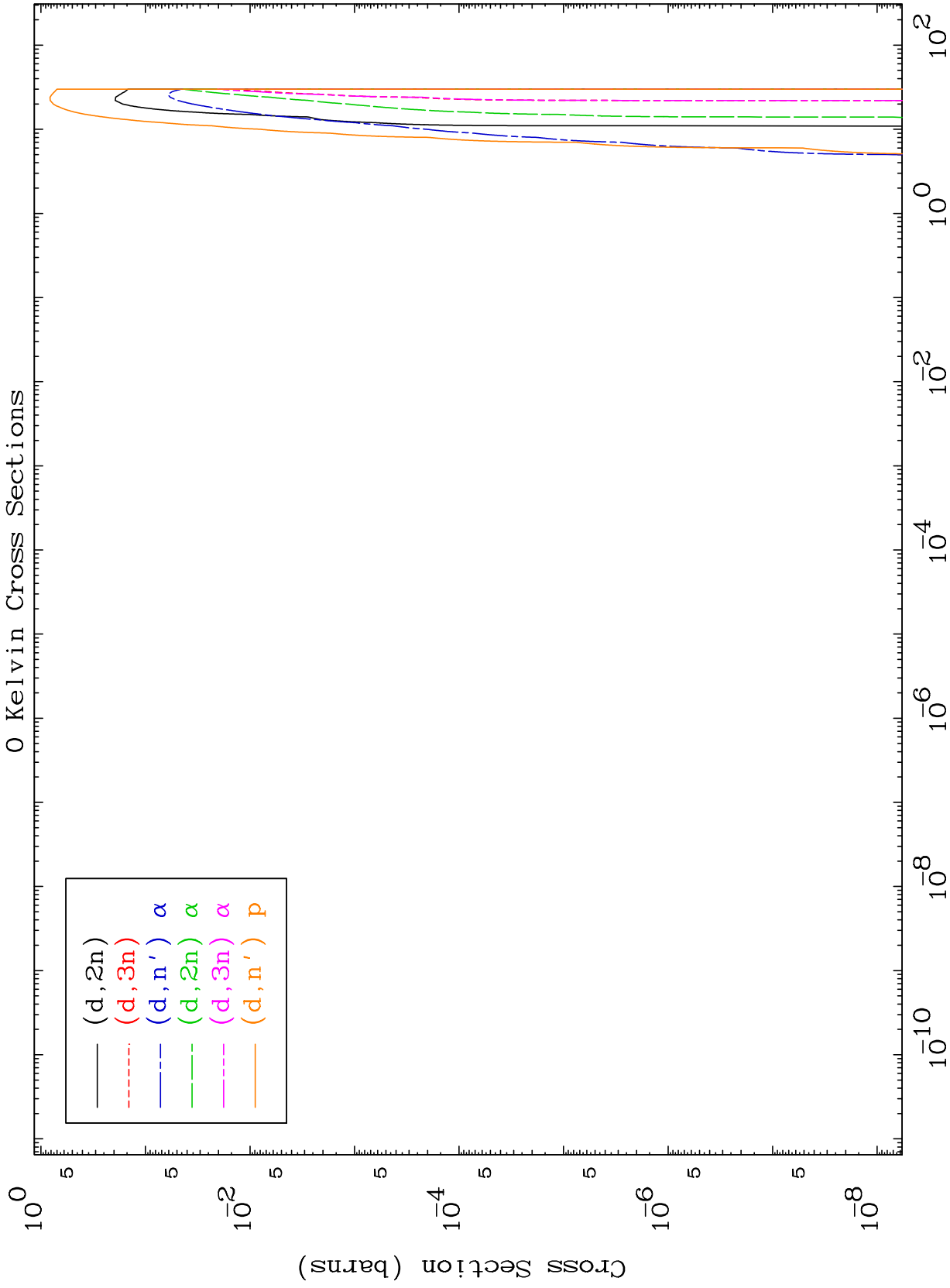
Press Mouse Button to Start



MAT 8180

Deuteron Neutron Production
0 Kelvin Cross Sections

82-Pb-189



2

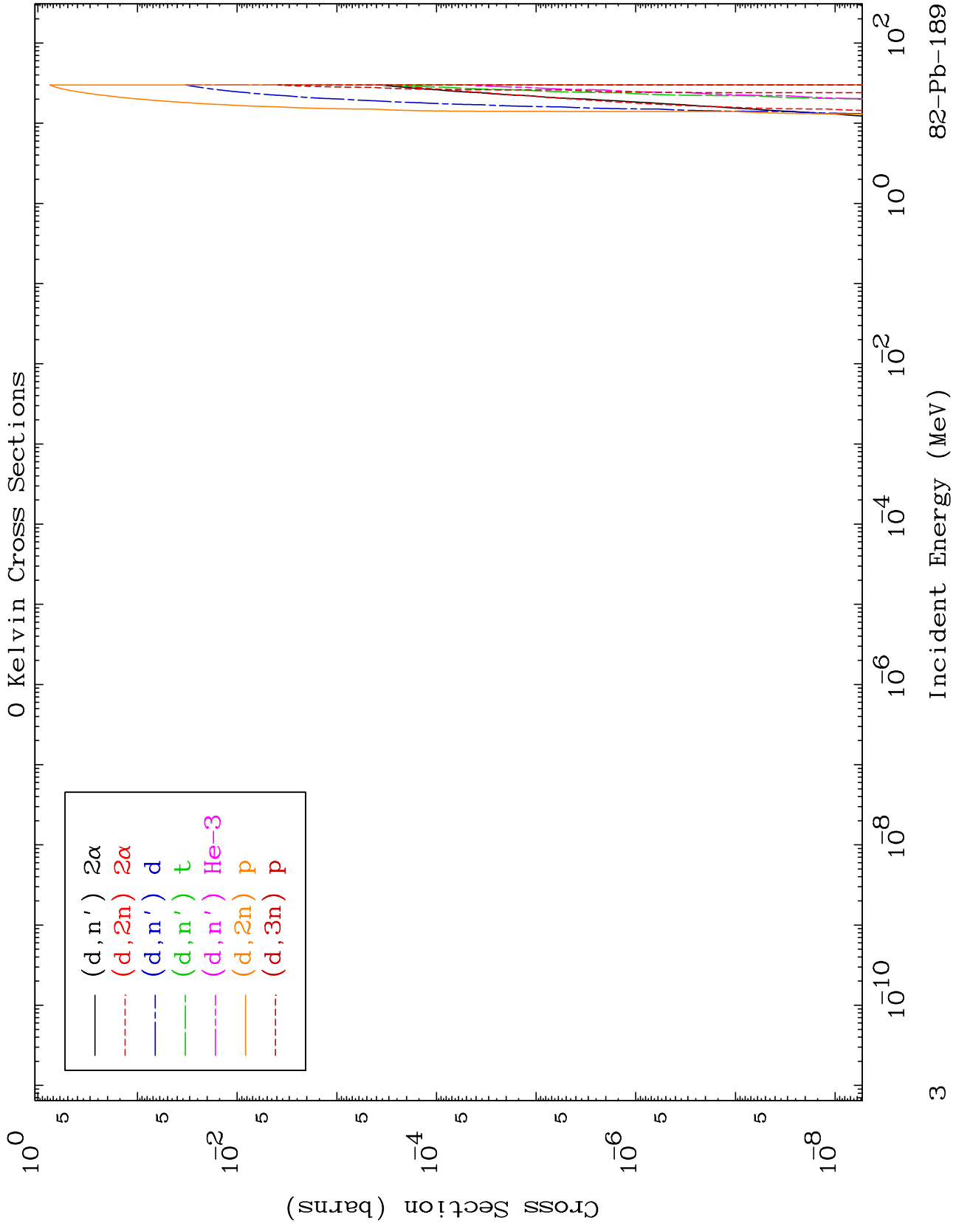
Incident Energy (MeV)

82-Pb-189

MAT 8180

Deuteron Neutron Production
0 Kelvin Cross Sections

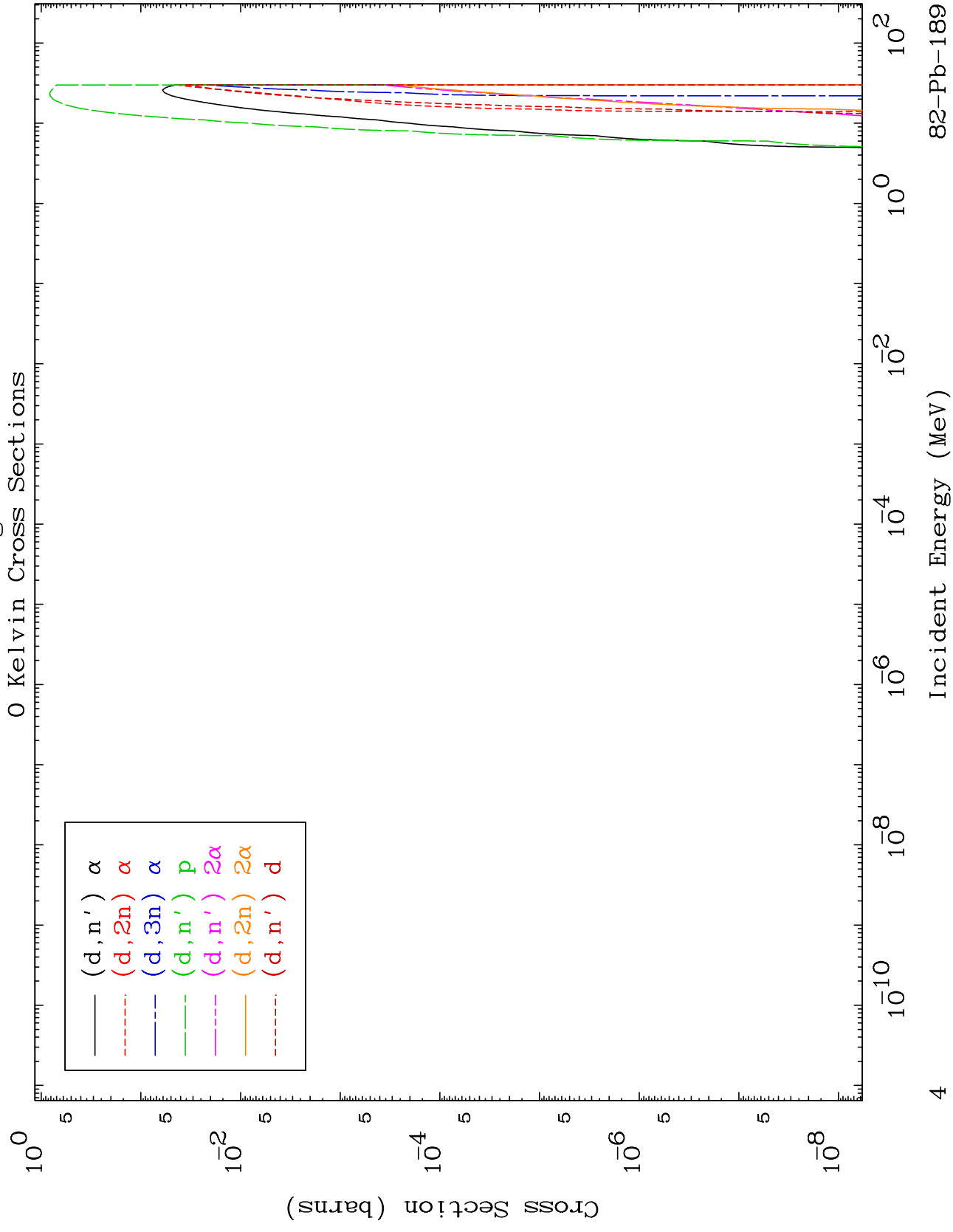
82-Pb-189



MAT 8180

Deuteron Charged Particle
0 Kelvin Cross Sections

82-Pb-189

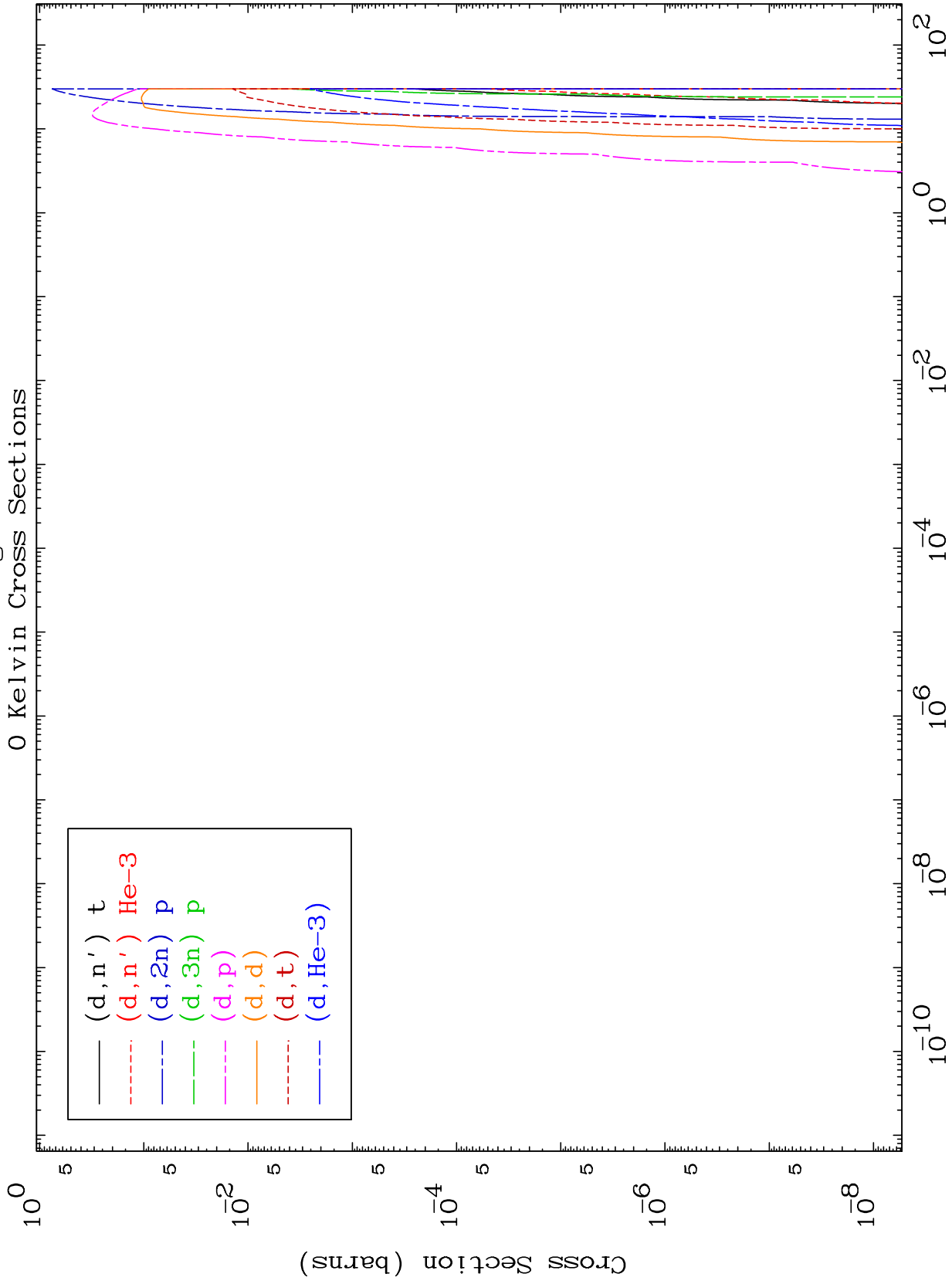


82-Pb-189

MAT 8180

Deuteron Charged Particle
0 Kelvin Cross Sections

82-Pb-189



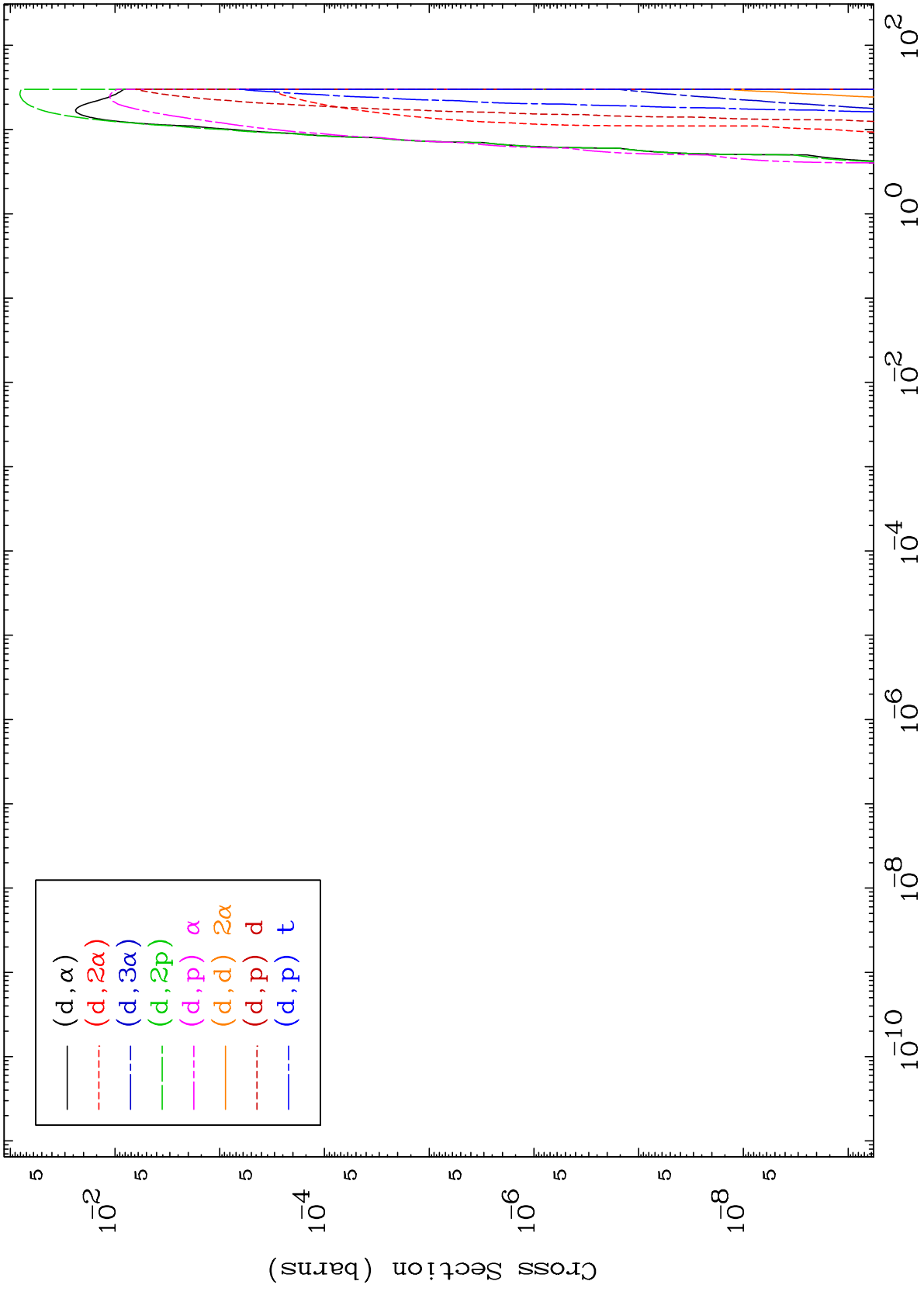
5

82-Pb-189

MAT 8180

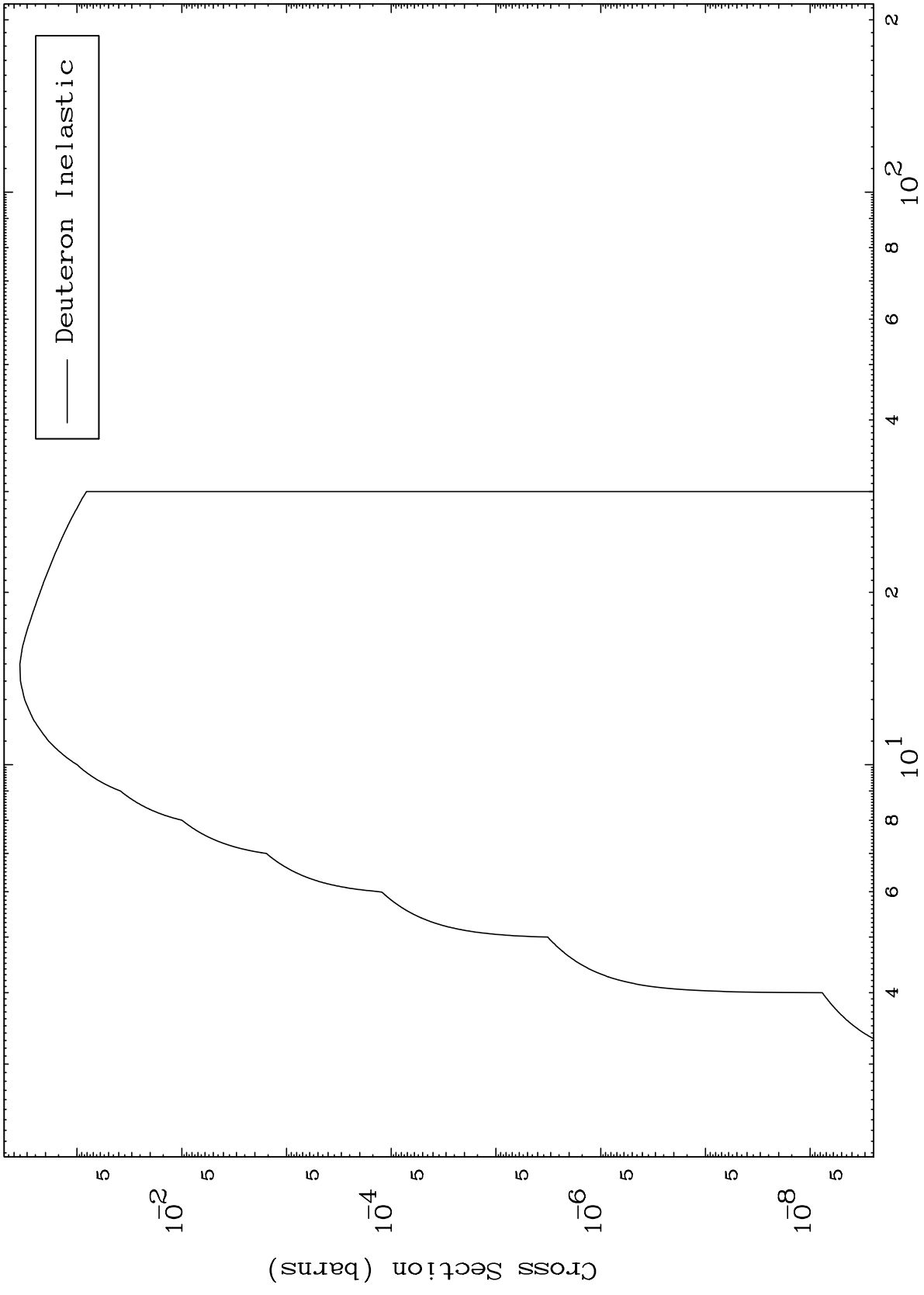
Deuteron Charged Particle
0 Kelvin Cross Sections

82-Pb-189



6

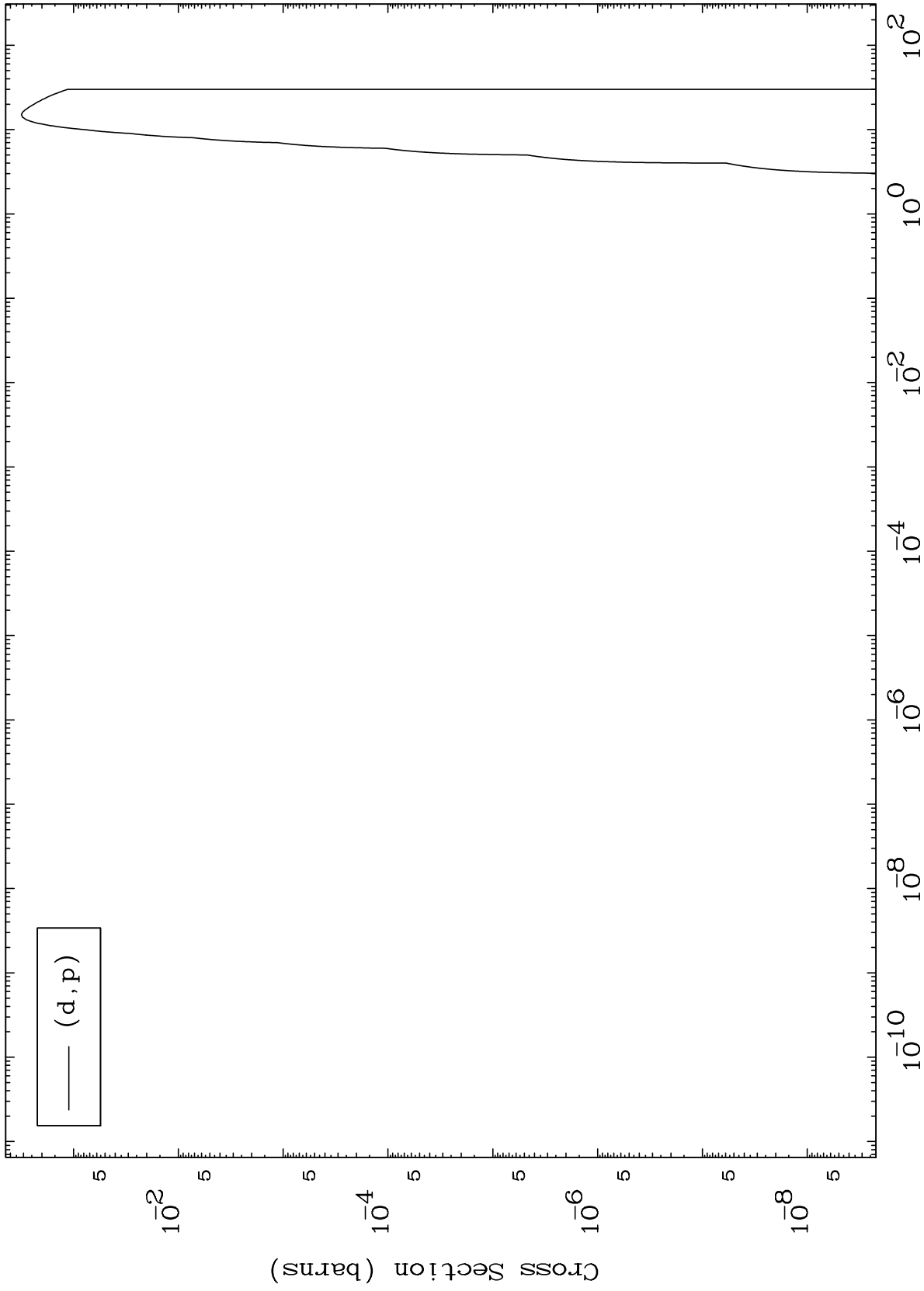
82-Pb-189



MAT 8180

(d,p) Levels
0 Kelvin Cross Sections

82-Pb-189



8

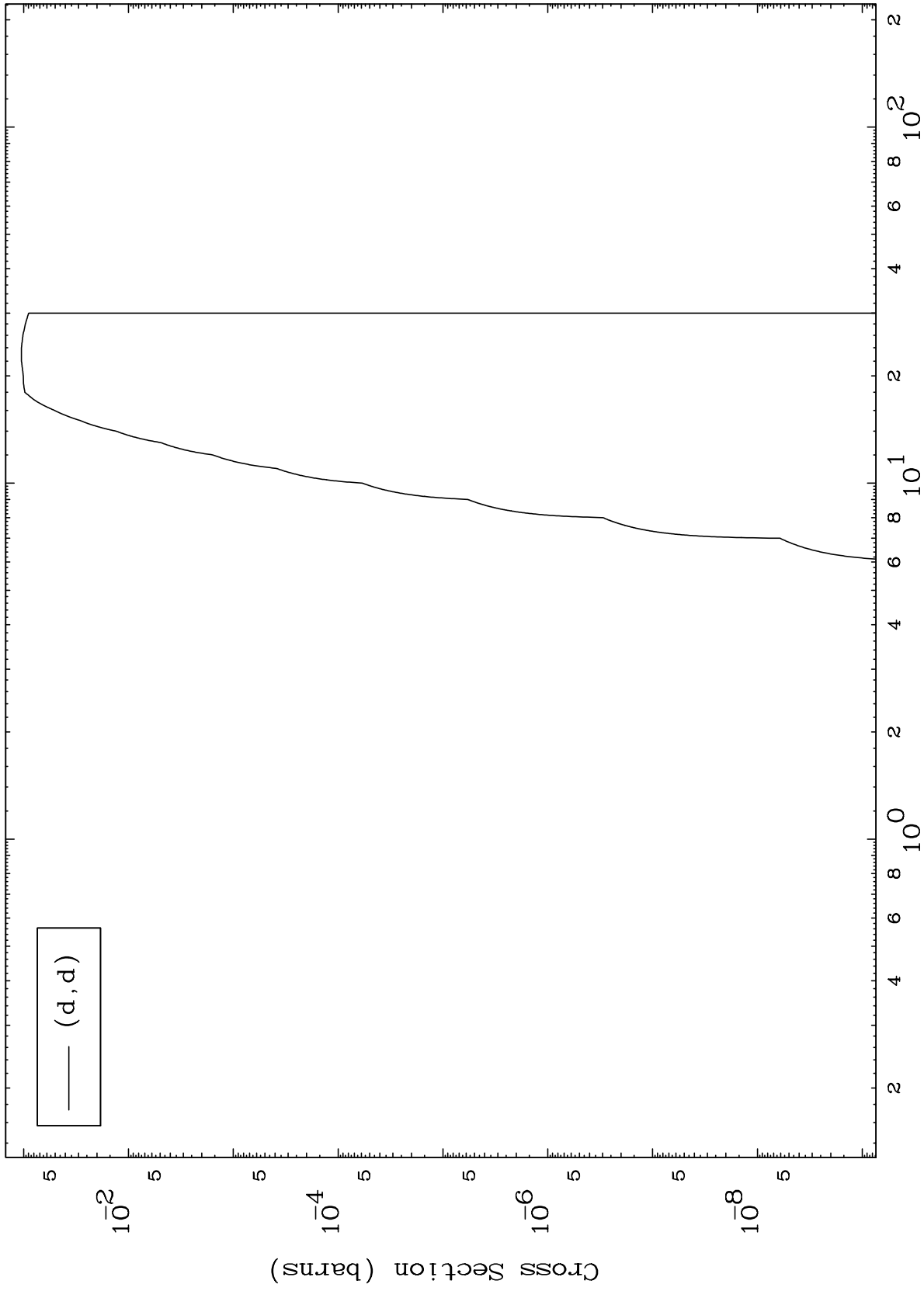
Incident Energy (MeV)

82-Pb-189

MAT 8180

(d,d) Levels
0 Kelvin Cross Sections

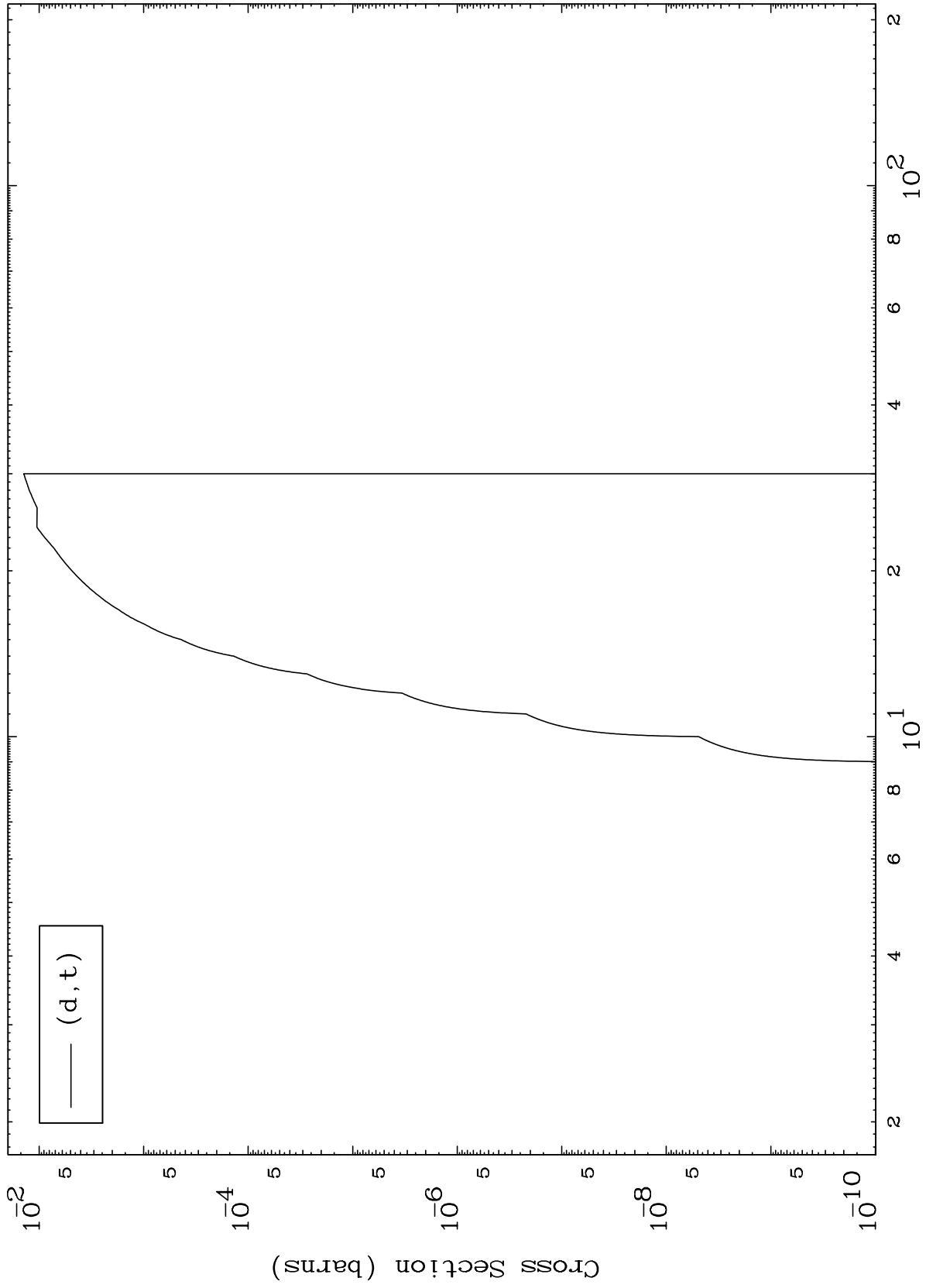
82-Pb-189



MAT 8180

(d,t) Levels
0 Kelvin Cross Sections

82-Pb-189



10

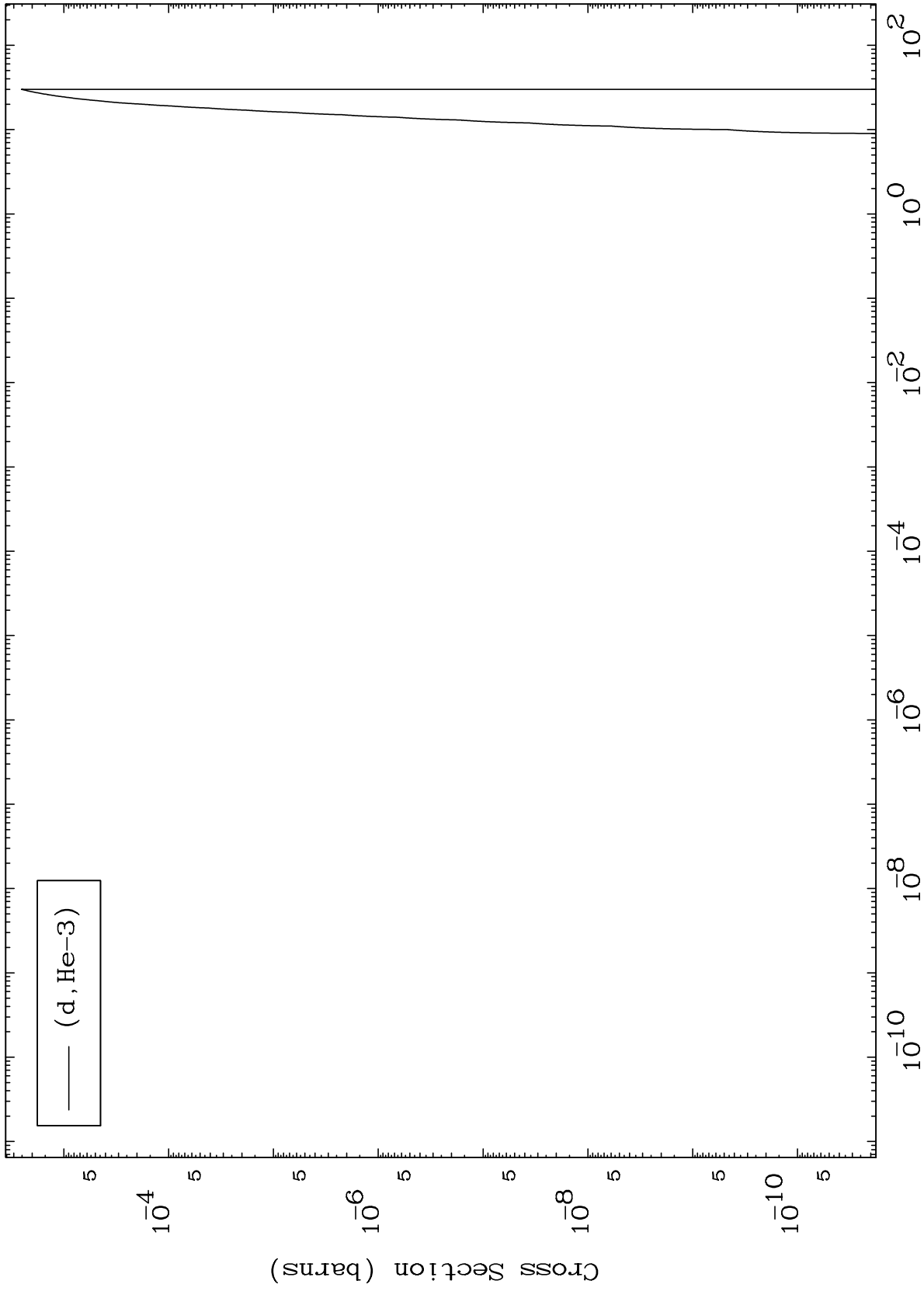
Incident Energy (MeV)

82-Pb-189

MAT 8180

(d,He3) Levels
0 Kelvin Cross Sections

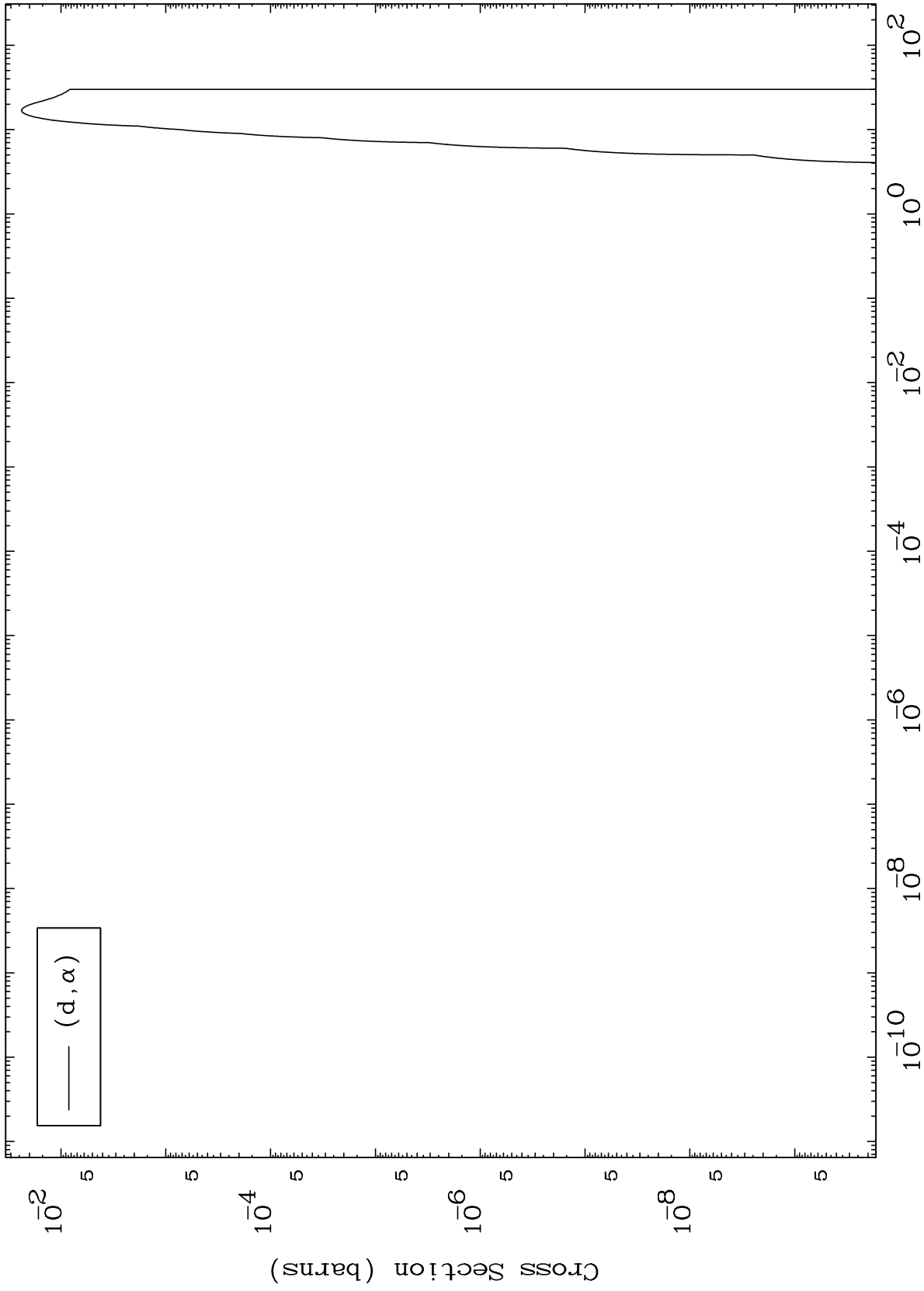
82-Pb-189



MAT 8180

(d, α) Levels
0 Kelvin Cross Sections

82-Pb-189



12

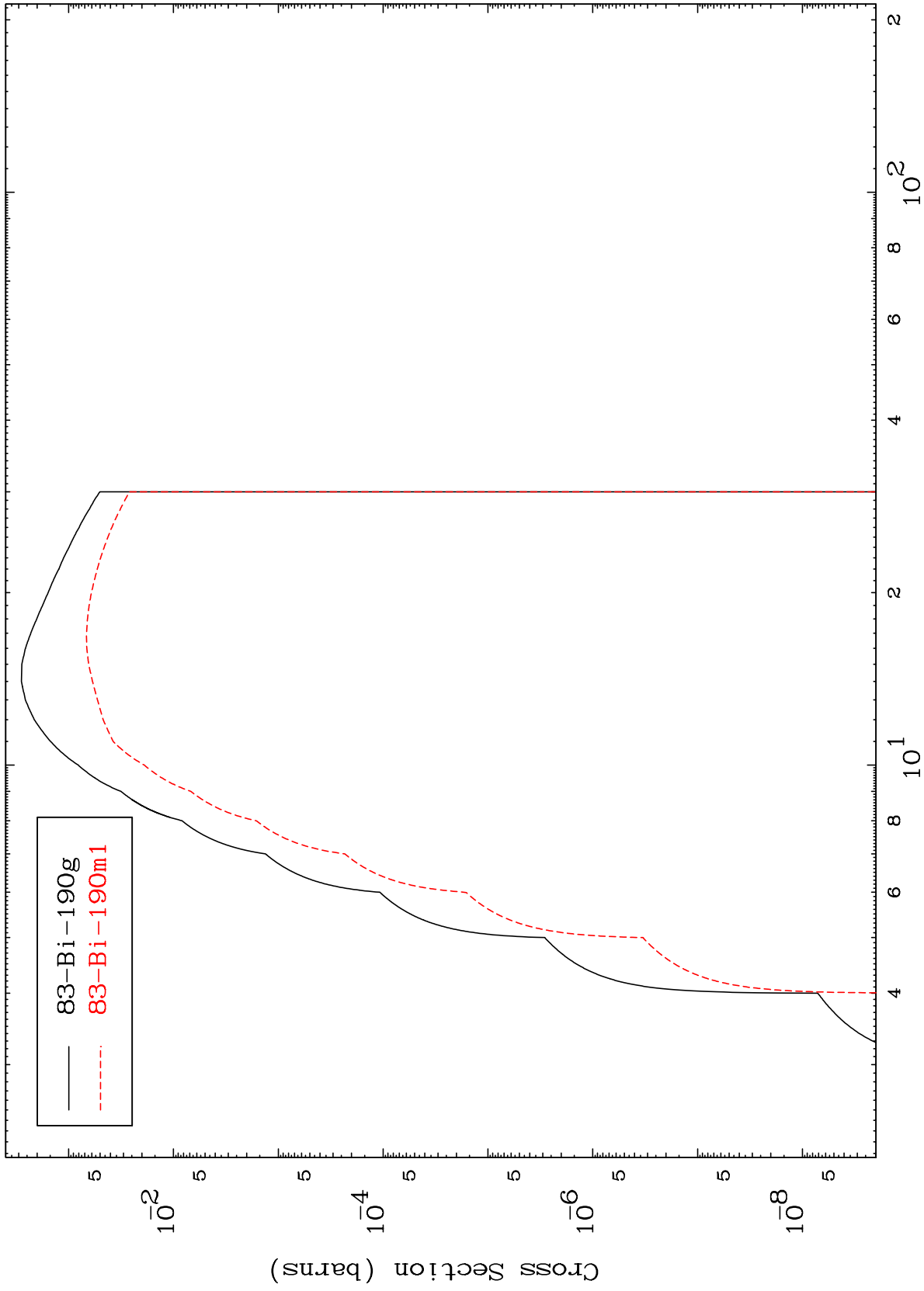
Incident Energy (MeV)

82-Pb-189

MAT 8180

Deuteron Inelastic
Radionuclide Production Cross Section

82-Pb-189



13

Incident Energy (MeV)

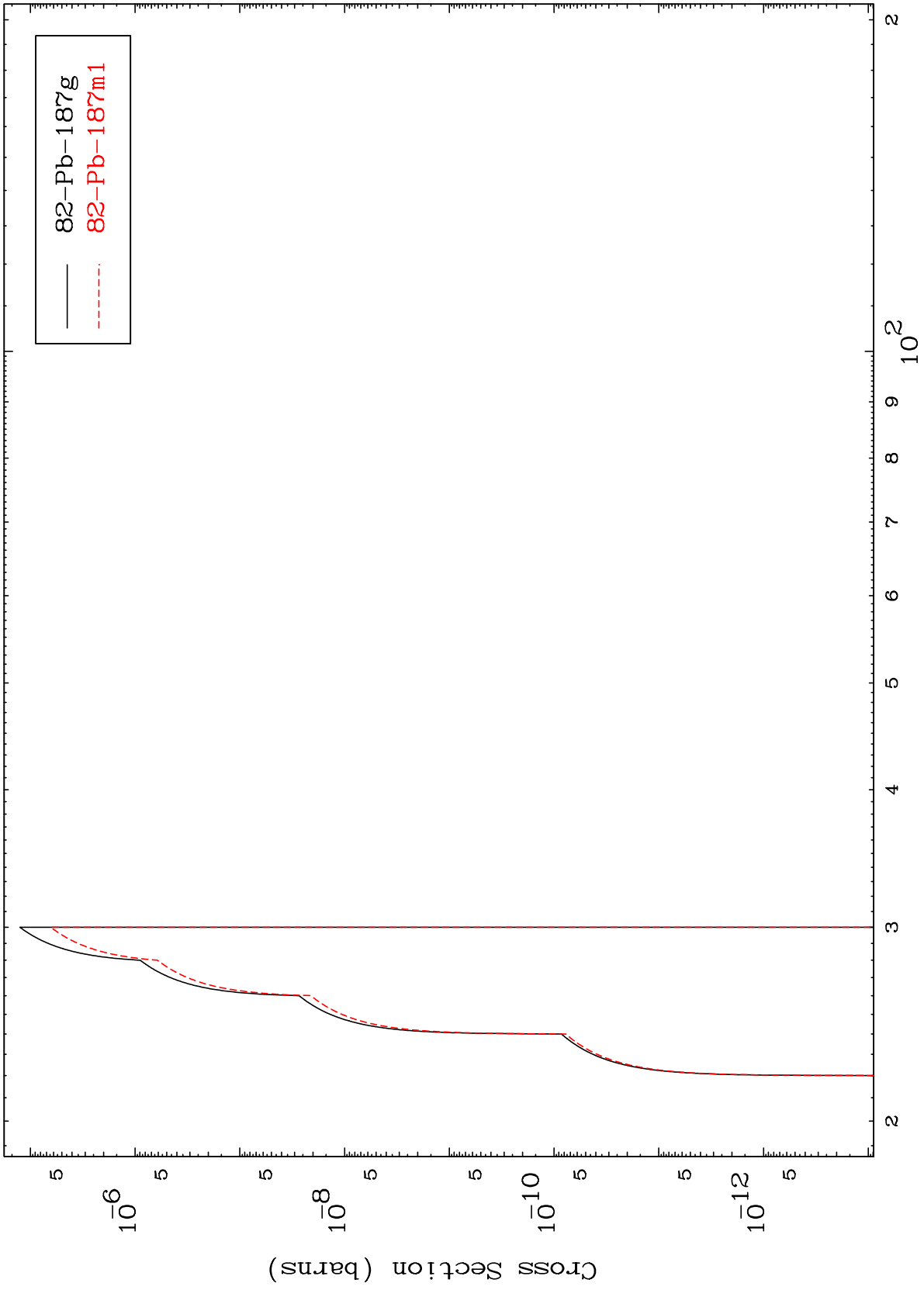
82-Pb-189

MAT 8180

(d,2n) d

82-Pb-189

Radionuclide Production Cross Section



14

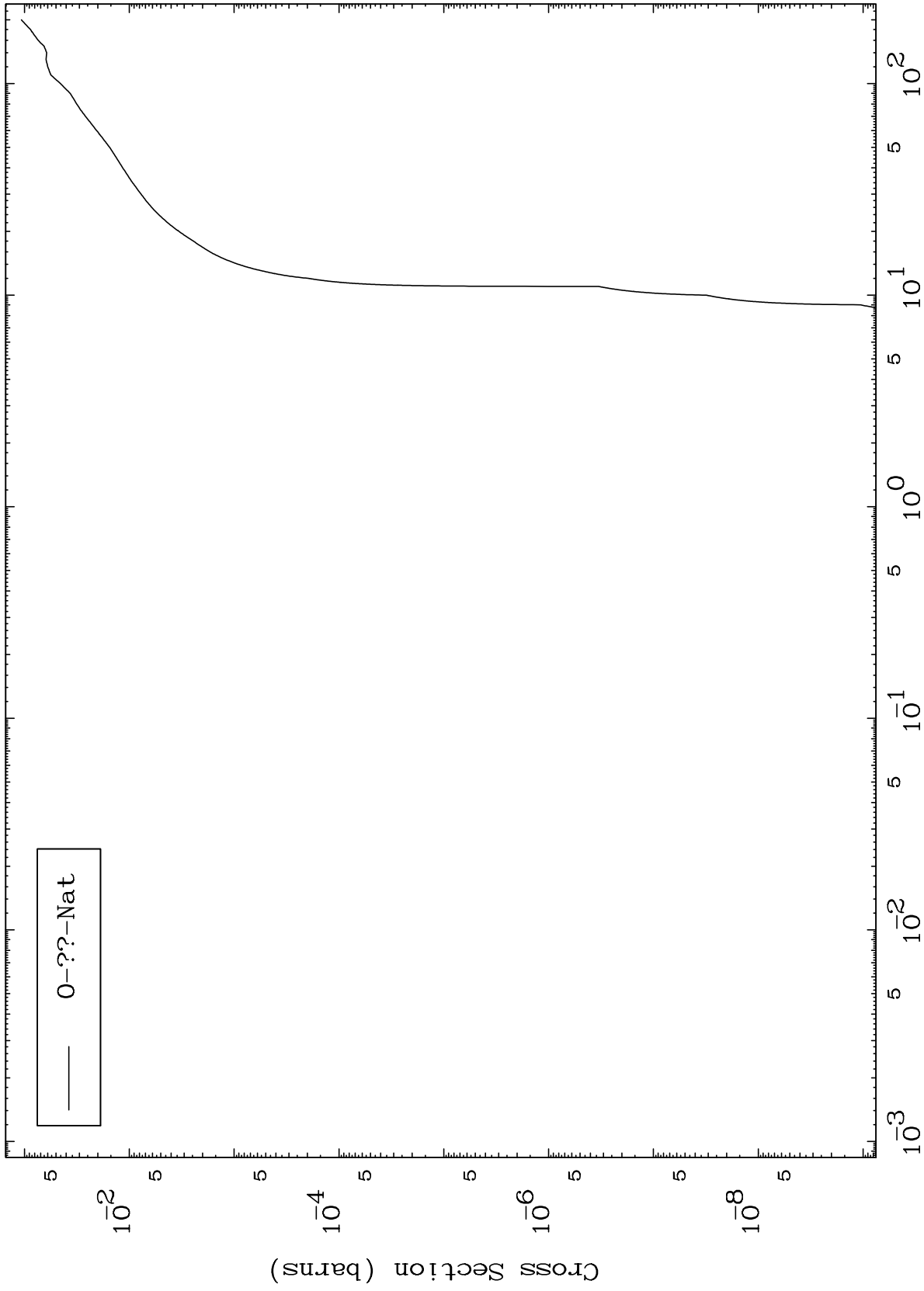
Incident Energy (MeV)

82-Pb-189

MAT 8180

Deuteron Fission
Radionuclide Production Cross Section

82-Pb-189



15

Incident Energy (MeV)

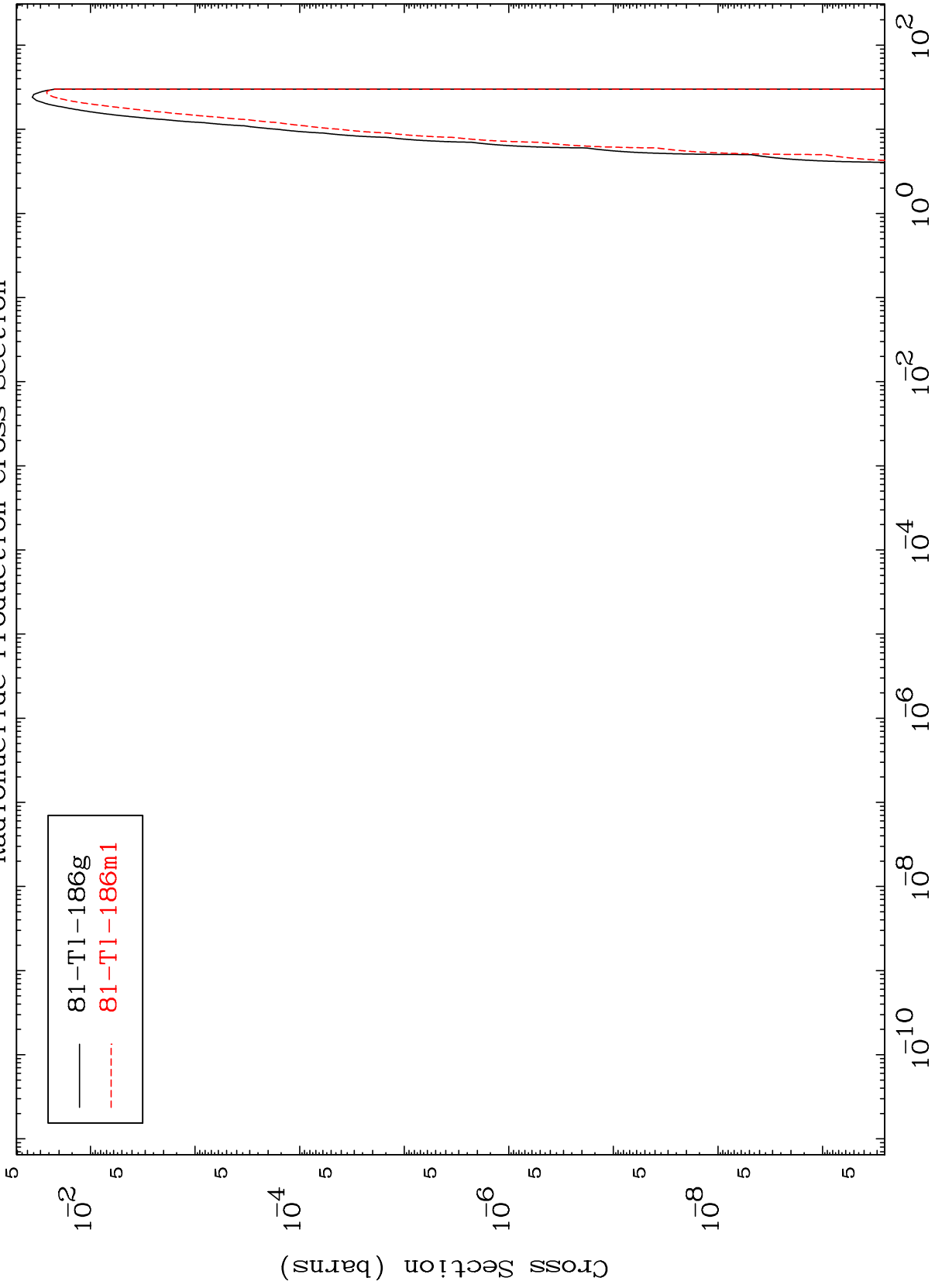
82-Pb-189

MAT 8180

(d,n') α

82-Pb-189

Radionuclide Production Cross Section



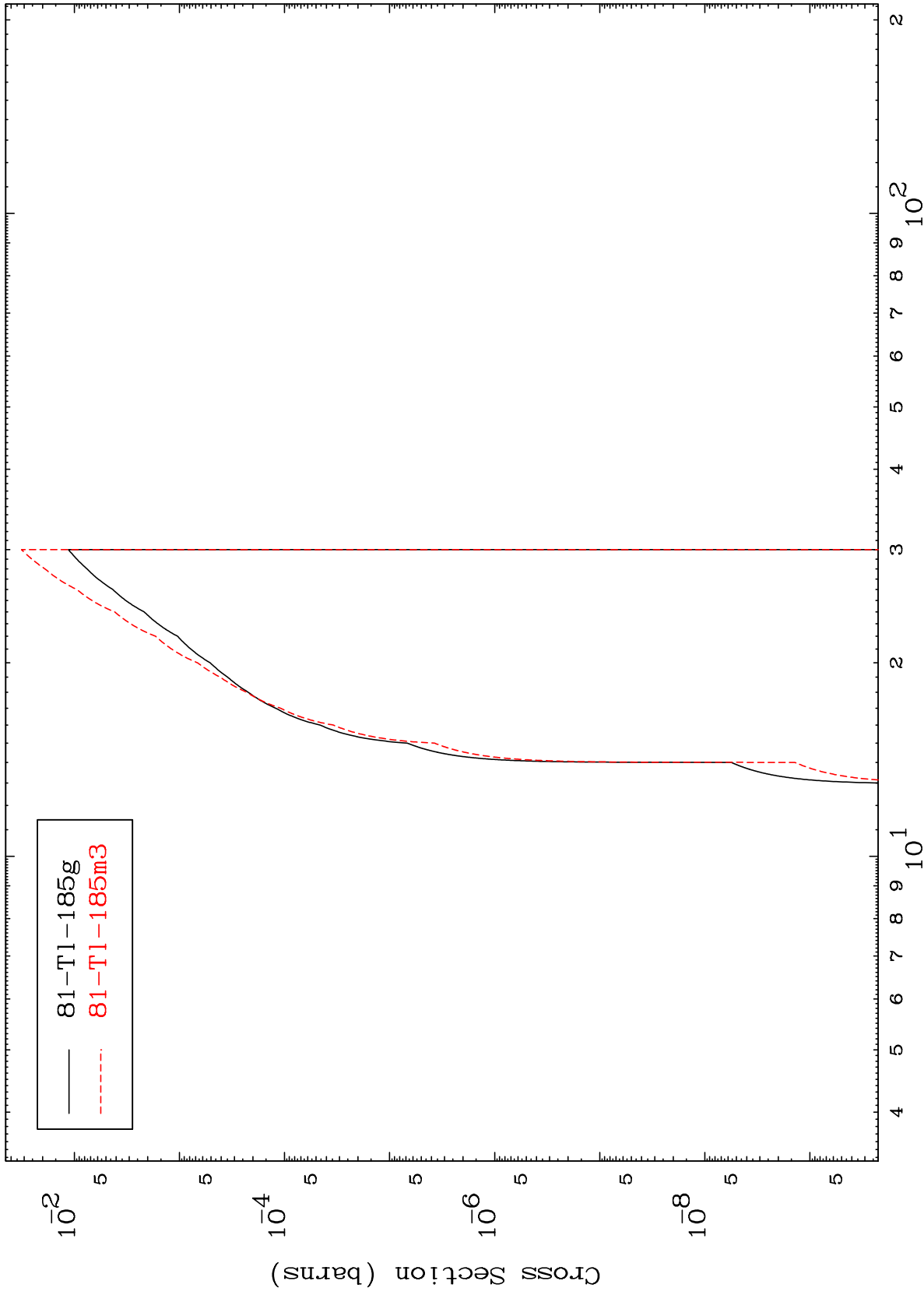
81-Tl-186g
81-Tl-186m1

MAT 8180

(d,2n) α

82-Pb-189

Radionuclide Production Cross Section



17

Incident Energy (MeV)

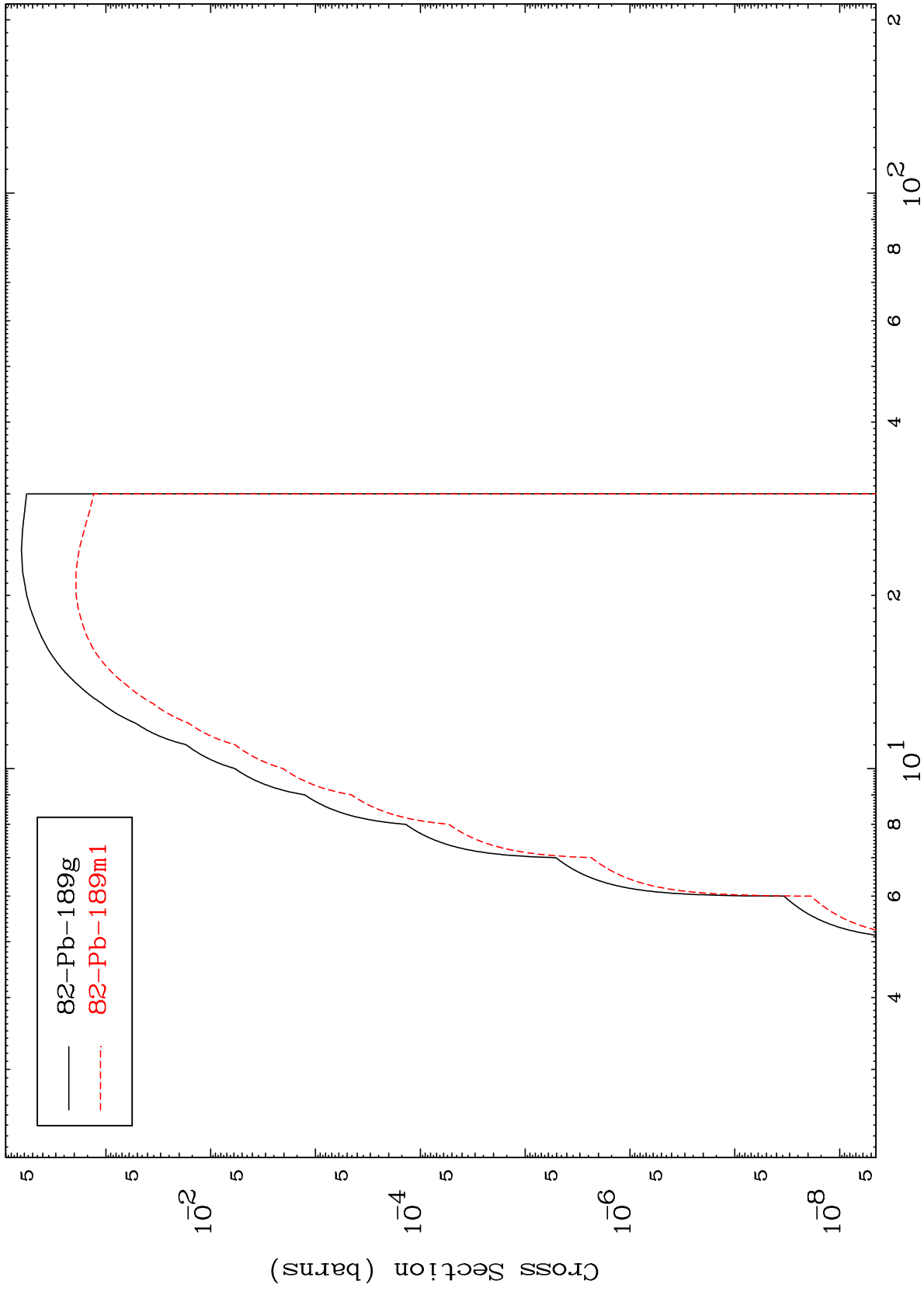
82-Pb-189

MAT 8180

(d,n') p

⁸²Pb-189

Radionuclide Production Cross Section



18

Incident Energy (MeV)

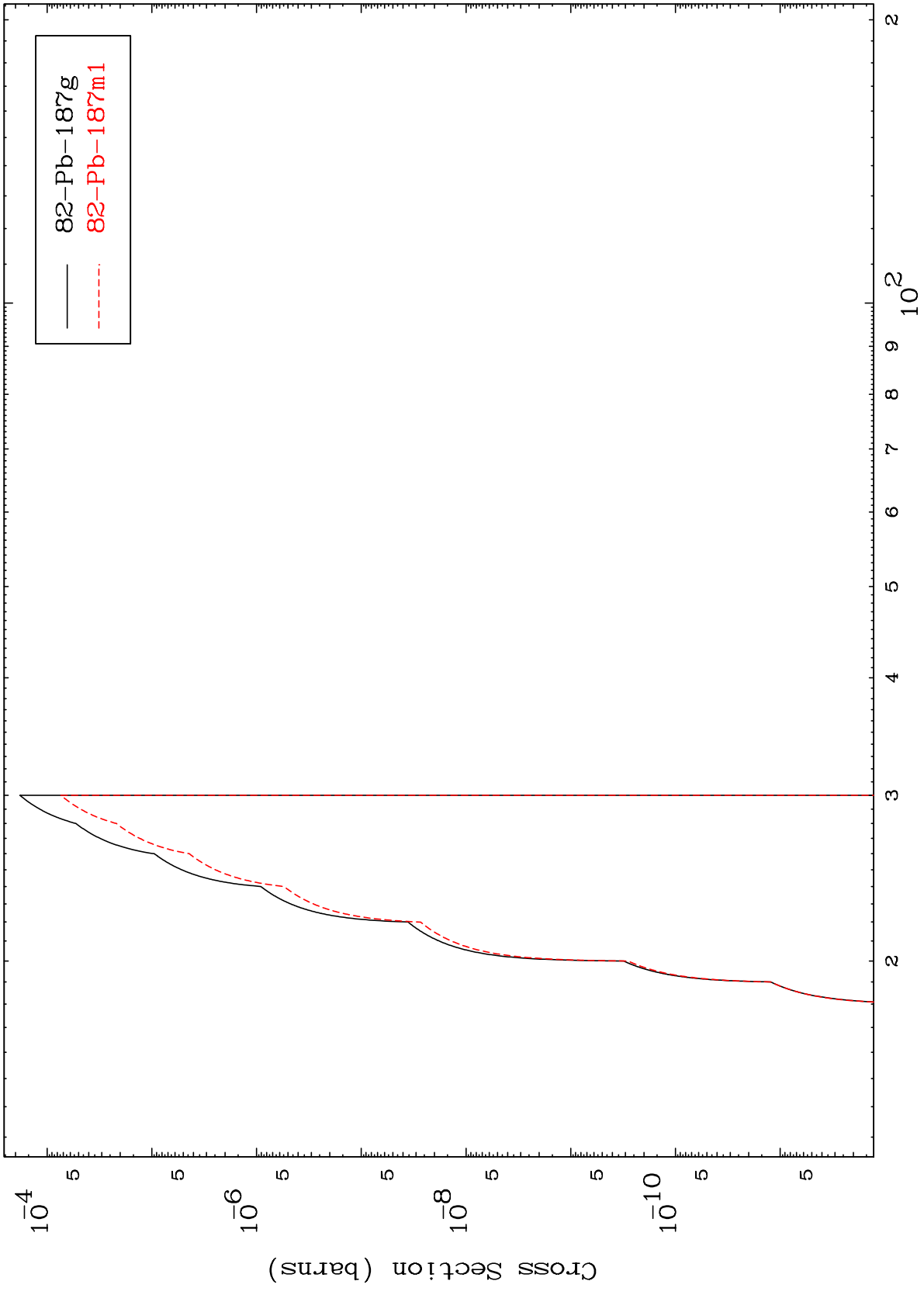
⁸²Pb-189

MAT 8180

(d,n') t

⁸²Pb-189

Radionuclide Production Cross Section



19

Incident Energy (MeV)

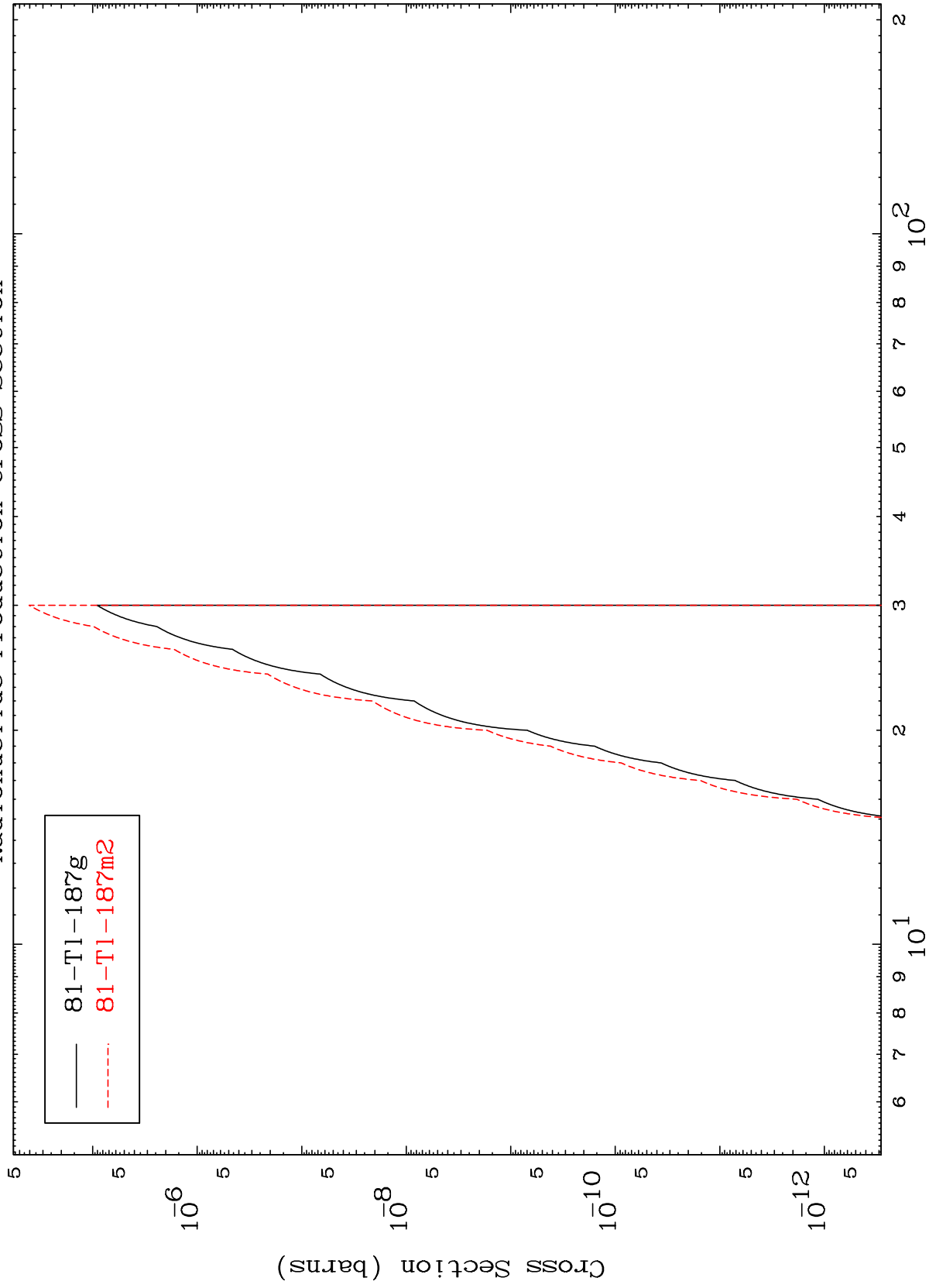
⁸²Pb-189

MAT 8180

(d, n') He-3

82-Pb-189

Radionuclide Production Cross Section



20

Incident Energy (MeV)

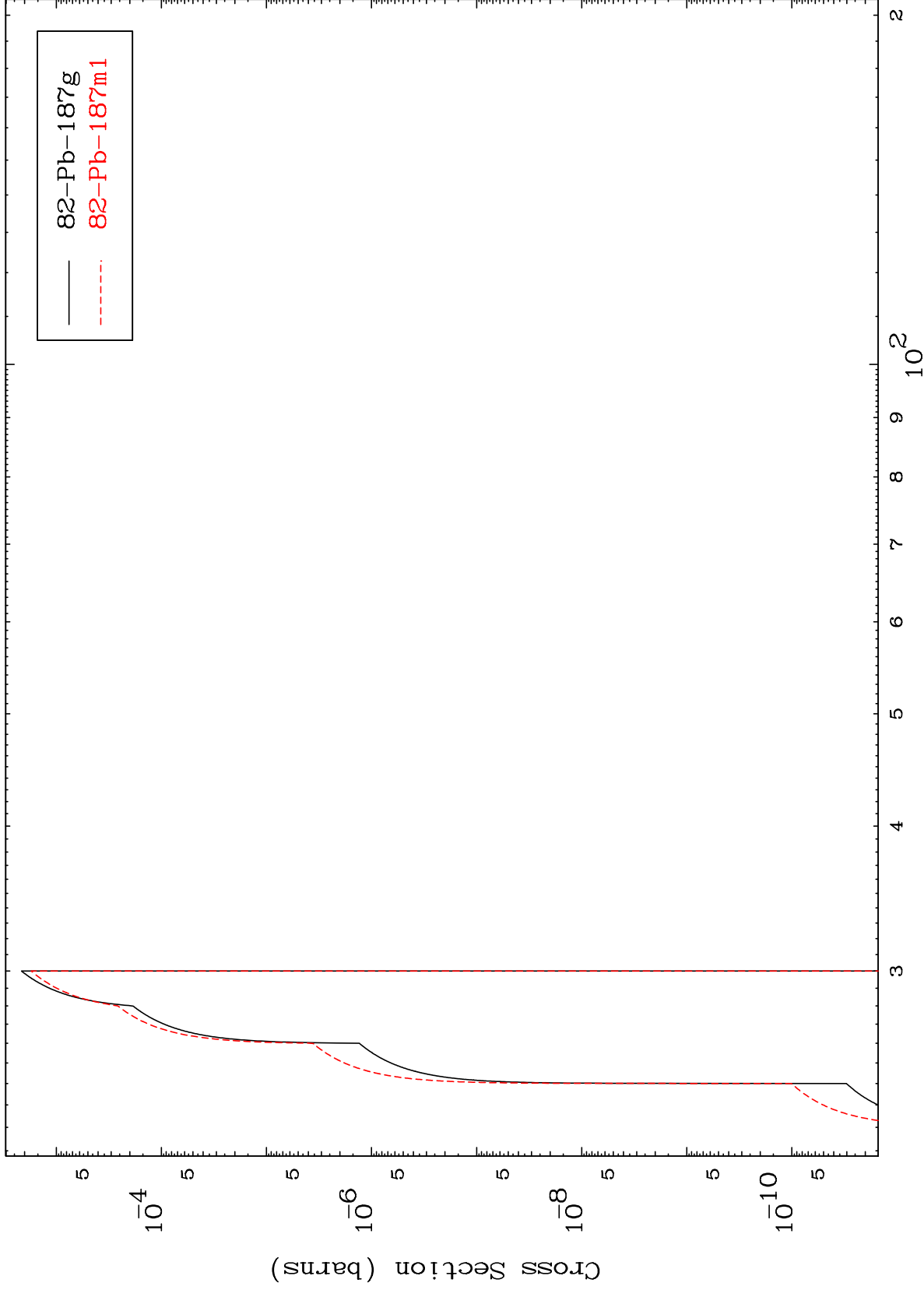
82-Pb-189

MAT 8180

(d,3n) p

82-Pb-189

Radionuclide Production Cross Section



21

Incident Energy (MeV)

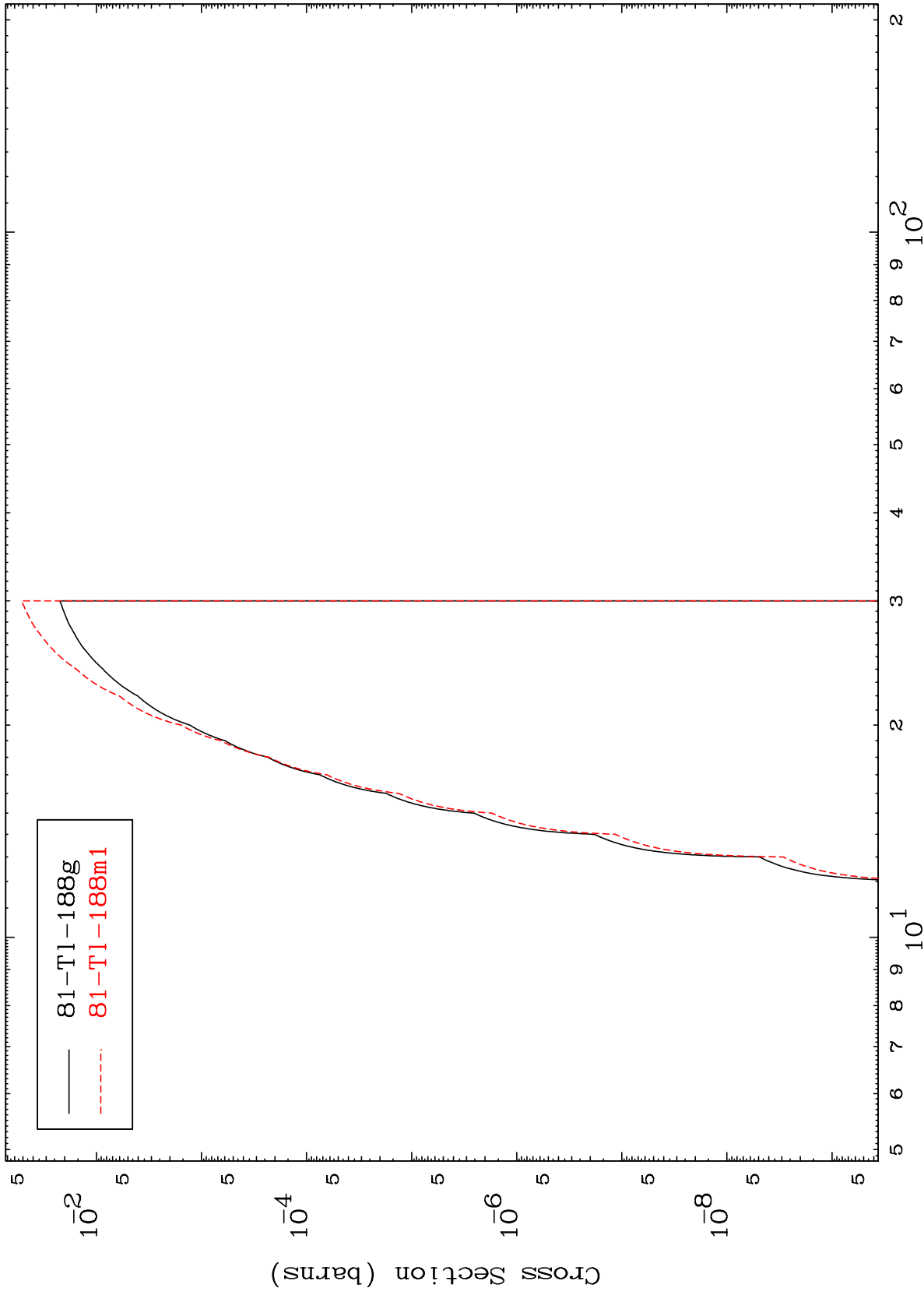
82-Pb-189

MAT 8180

(d,2n) p

82-Pb-189

Radionuclide Production Cross Section



22

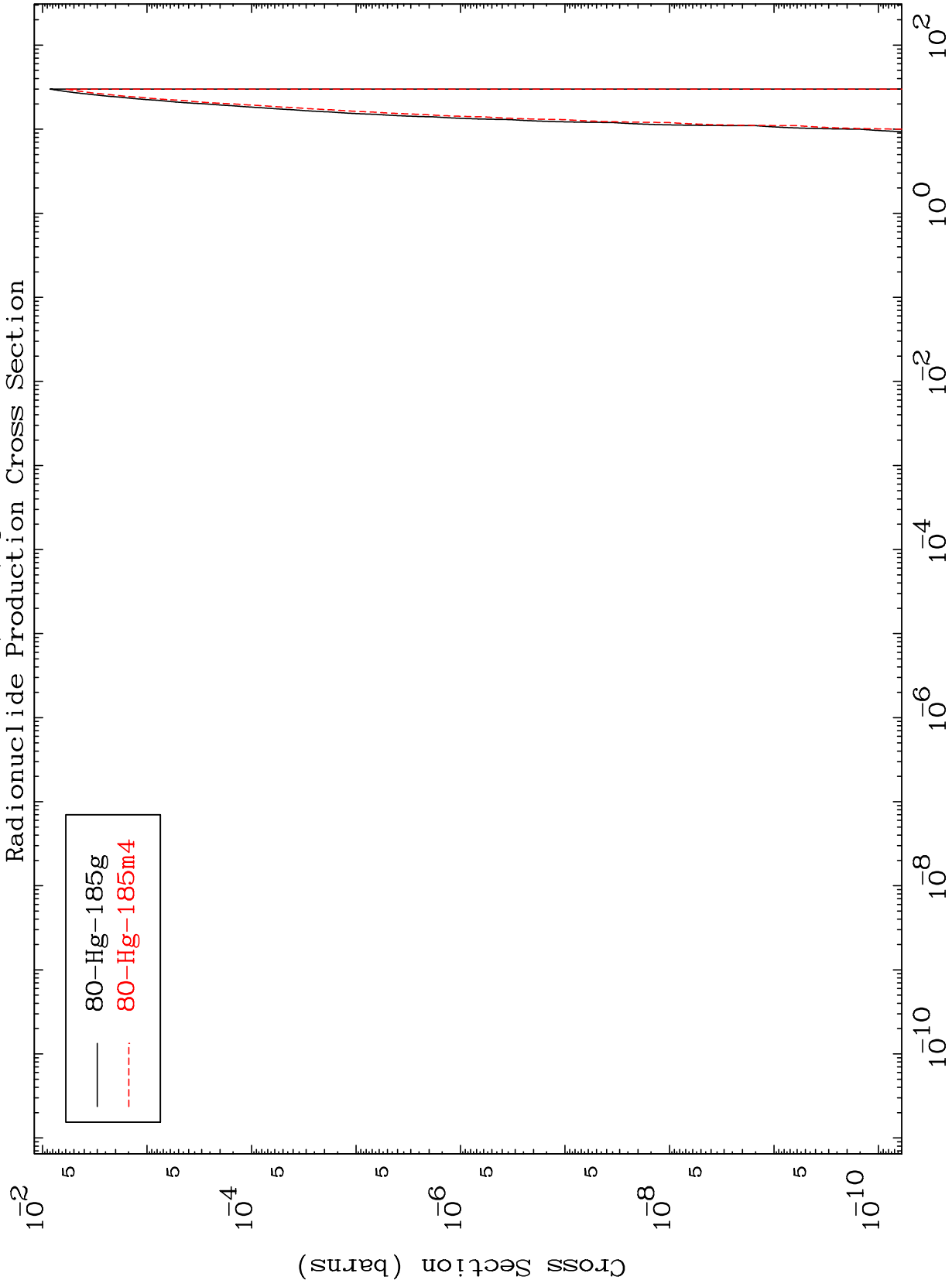
Incident Energy (MeV)

82-Pb-189

MAT 8180

(d,n') p α

82-Pb-189



23

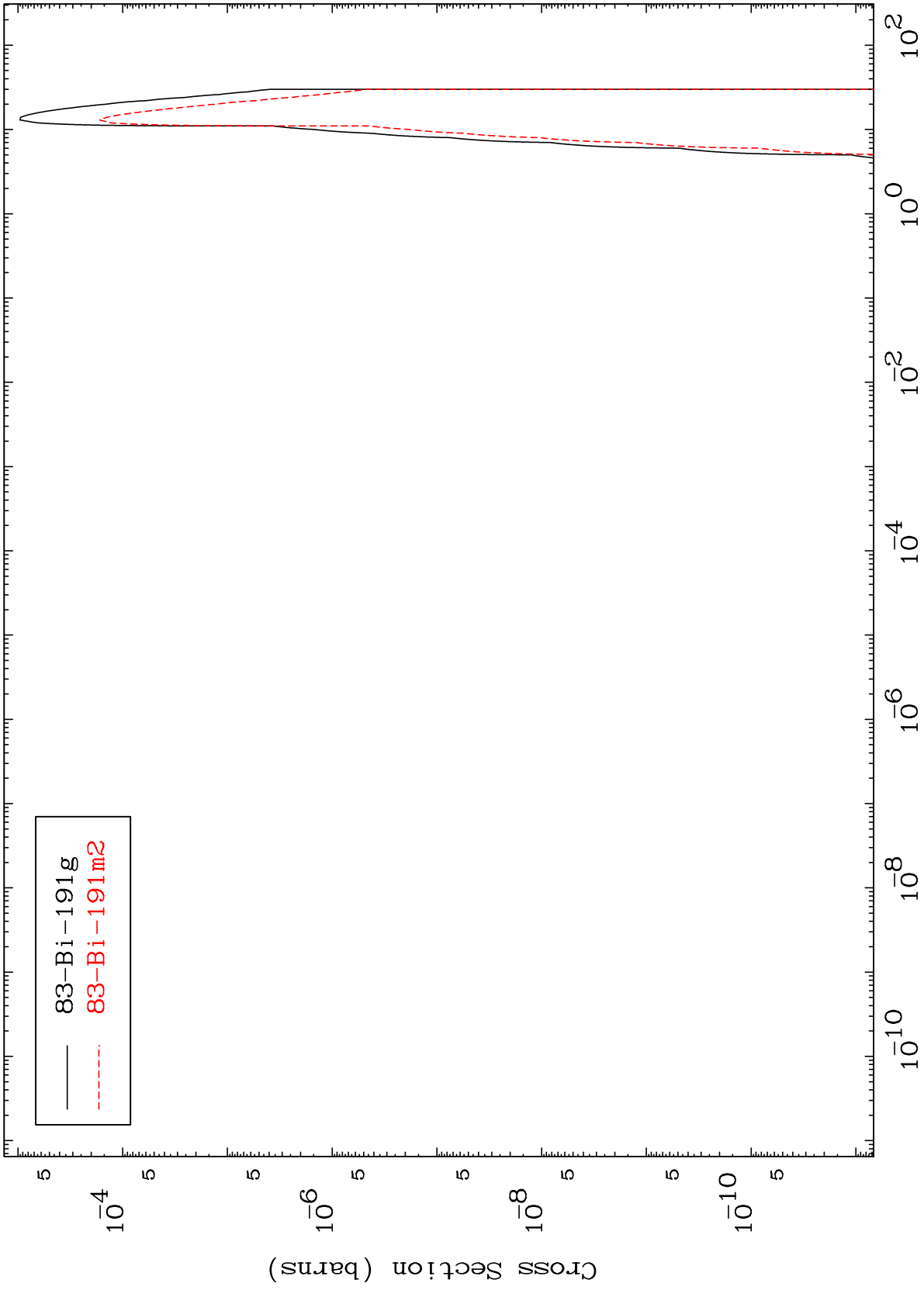
Incident Energy (MeV)

82-Pb-189

MAT 8180

Radionuclide Production Cross Section
(d, γ)

⁸²Pb-189



24

Incident Energy (MeV)

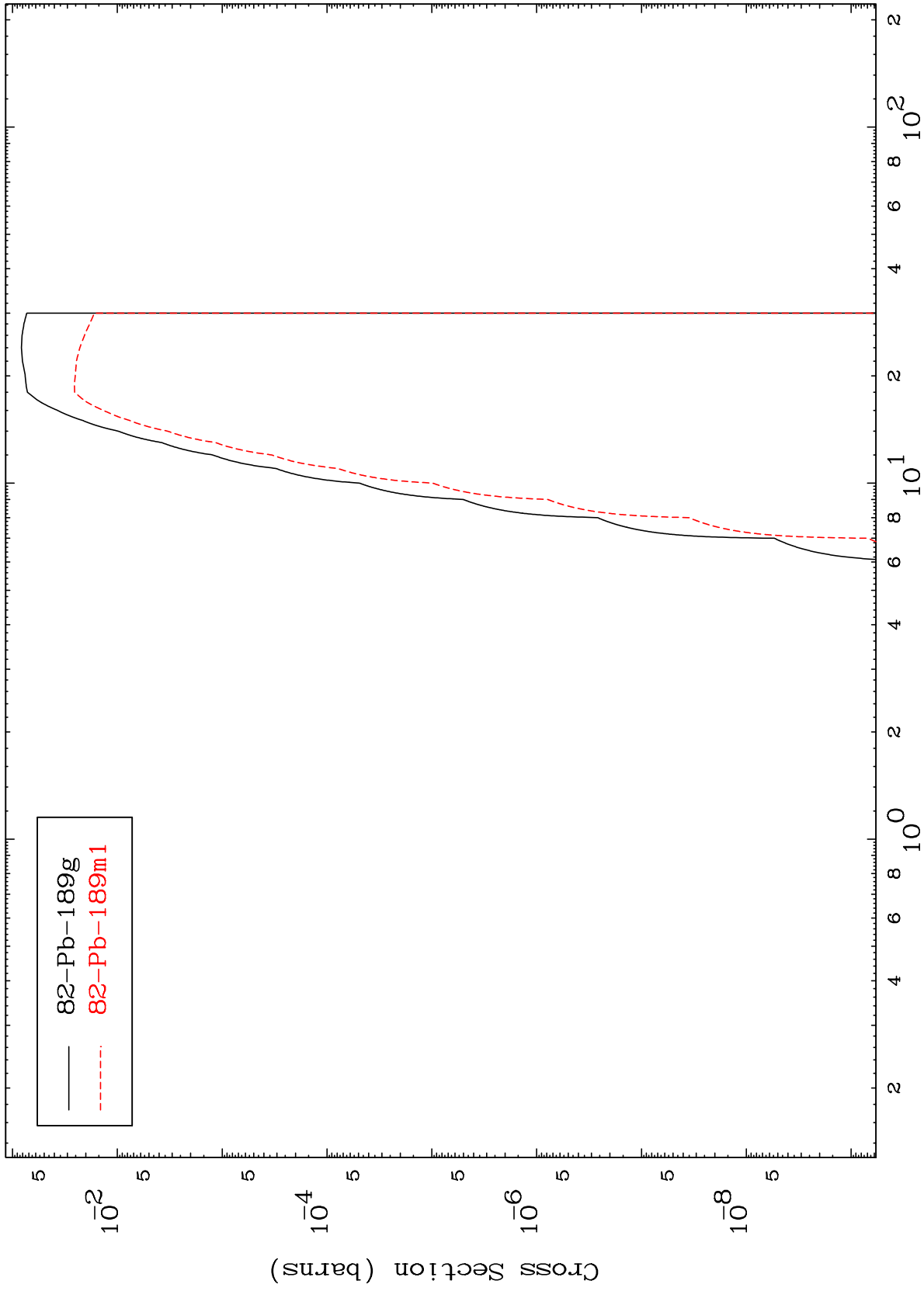
⁸²Pb-189

MAT 8180

(d,d)

82-Pb-189

Radionuclide Production Cross Section



25

Incident Energy (MeV)

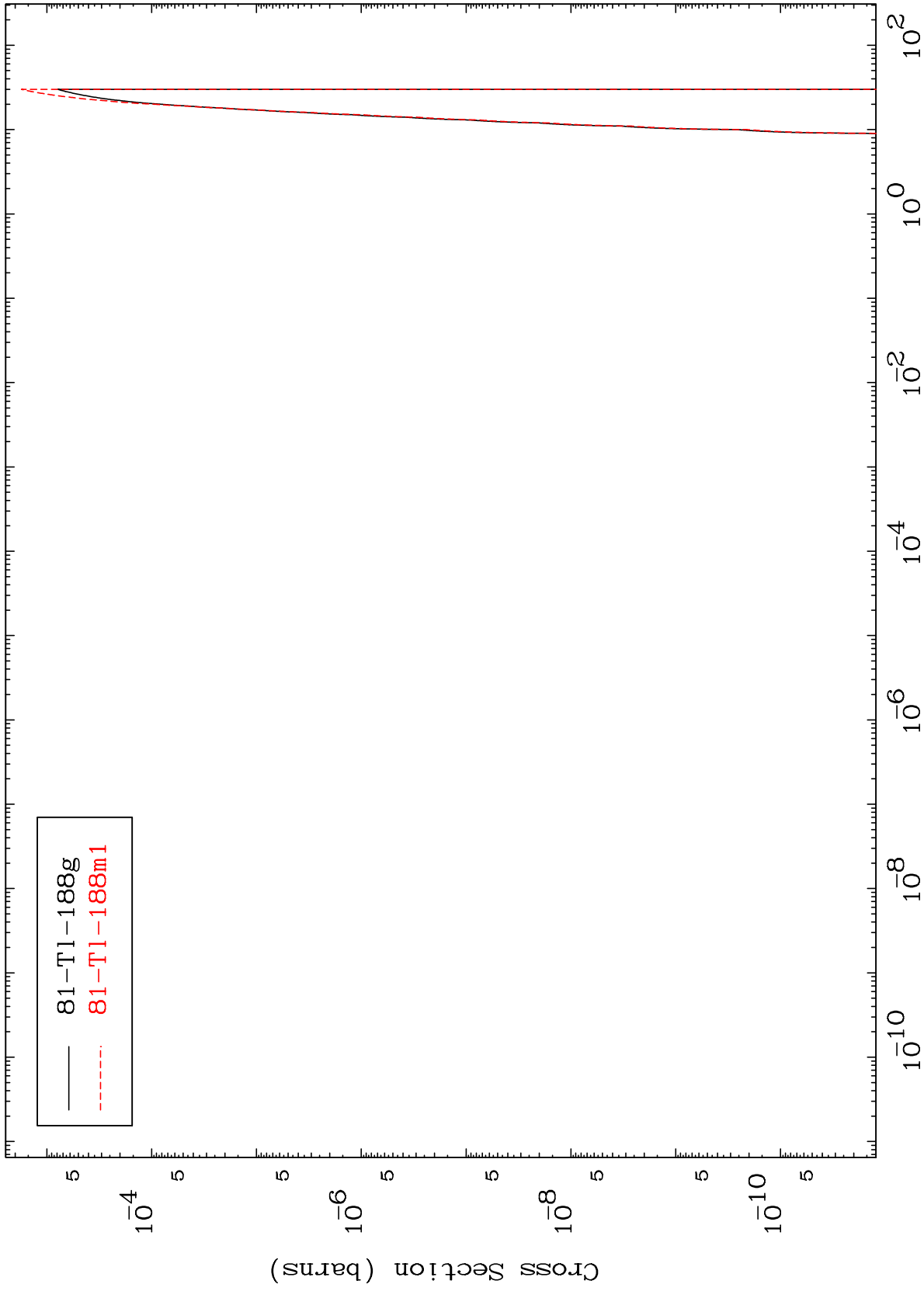
82-Pb-189

MAT 8180

(d,He-3)

82-Pb-189

Radionuclide Production Cross Section



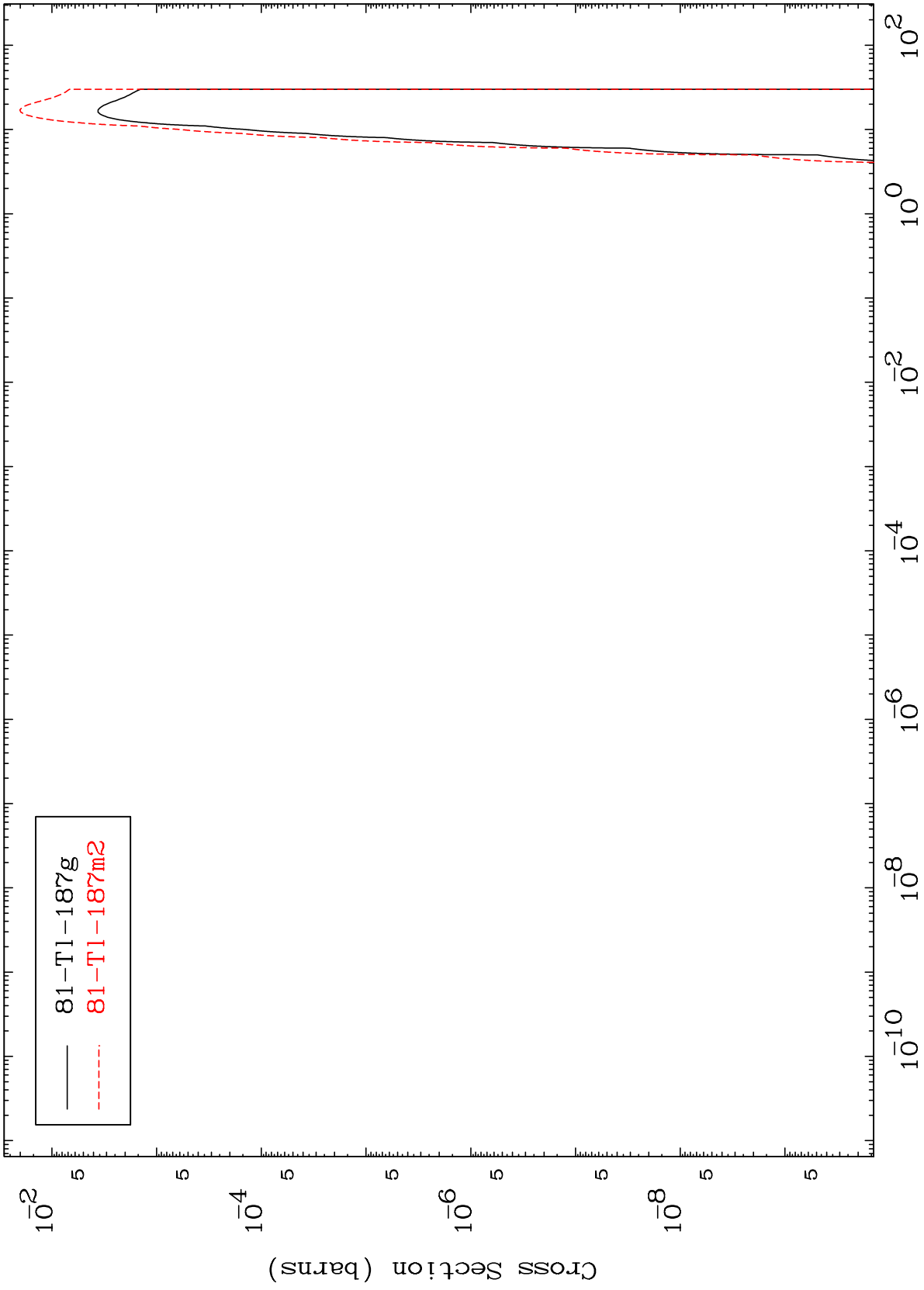
82-Pb-189

MAT 8180

(d, α)

82-Pb-189

Radionuclide Production Cross Section

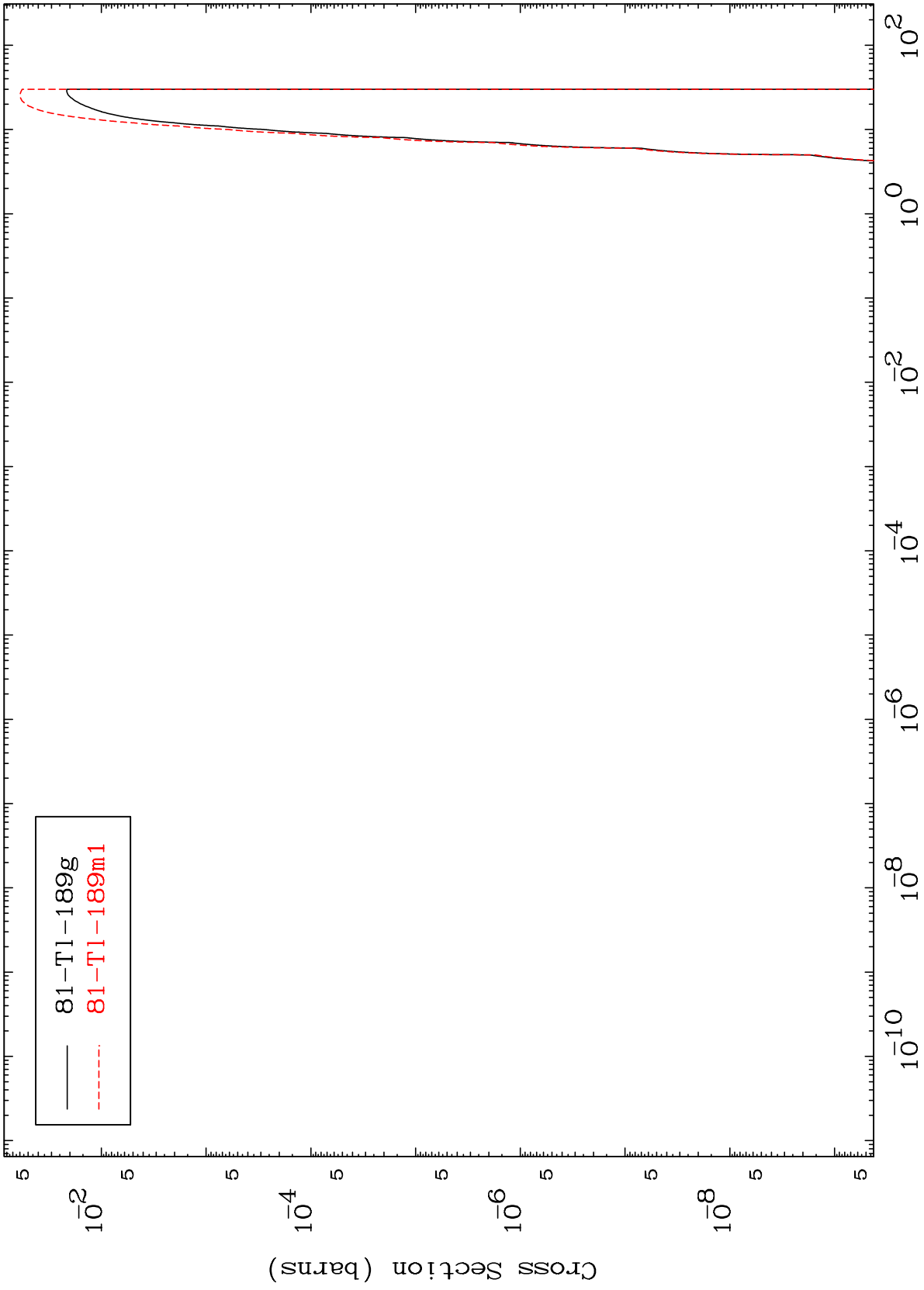


82-Pb-189

MAT 8180

Radionuclide Production Cross Section
(d,2p)

82-Pb-189



28

Incident Energy (MeV)

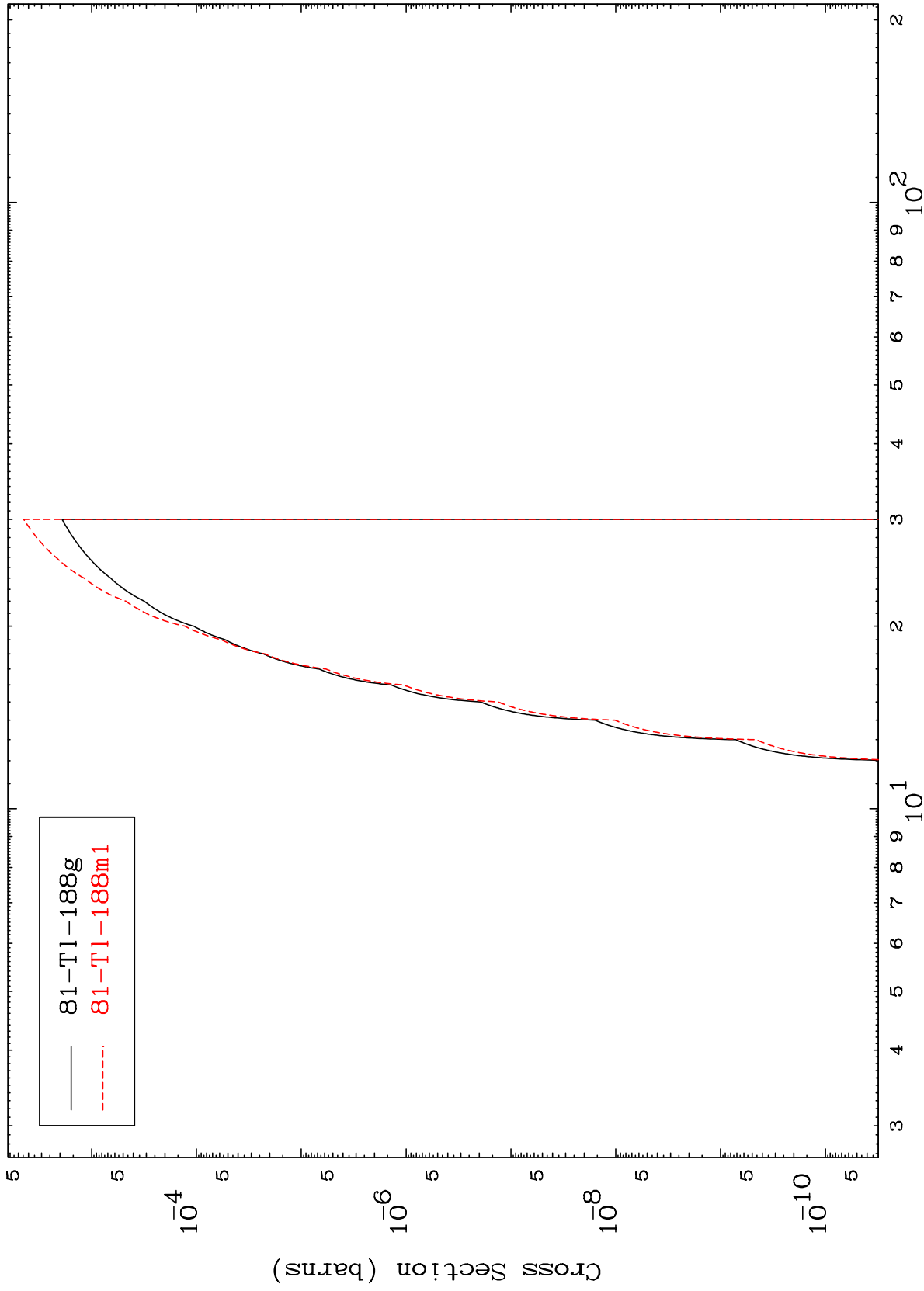
82-Pb-189

MAT 8180

(d,p) d

82-Pb-189

Radionuclide Production Cross Section



29

Incident Energy (MeV)

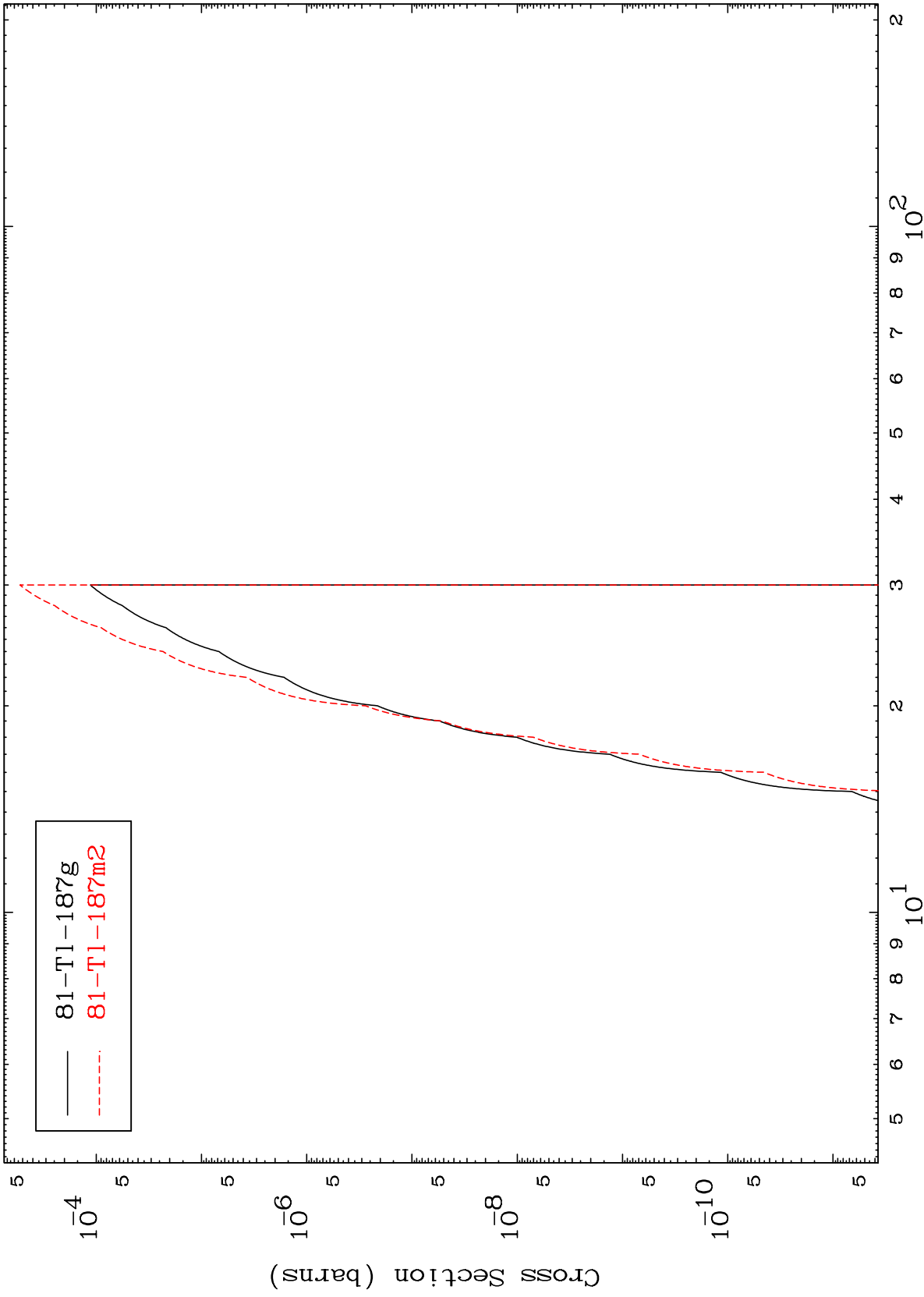
82-Pb-189

MAT 8180

(d,p) t

82-Pb-189

Radionuclide Production Cross Section



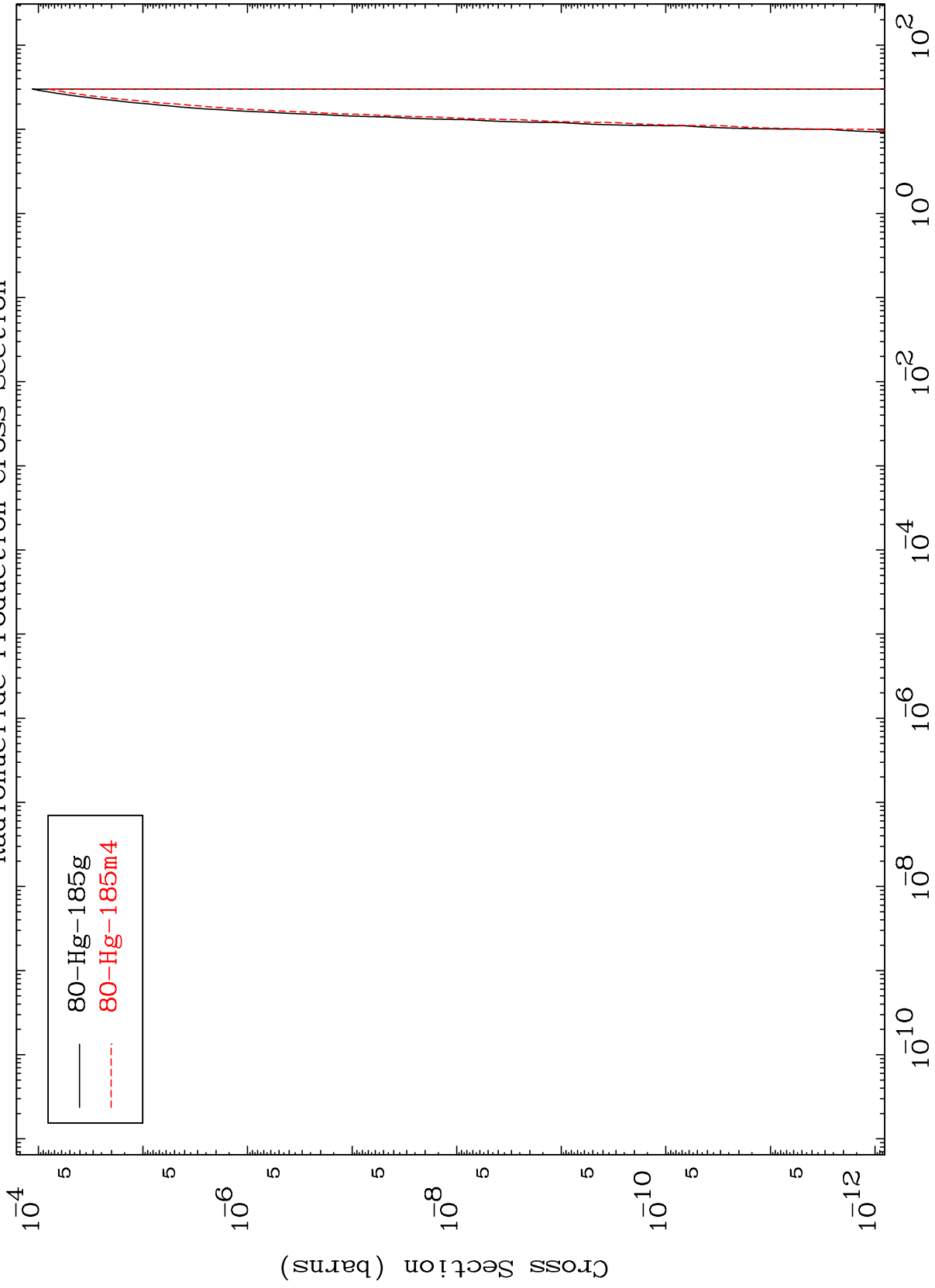
30

MAT 8180

(d,d) α

82-Pb-189

Radionuclide Production Cross Section



82-Pb-189