

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

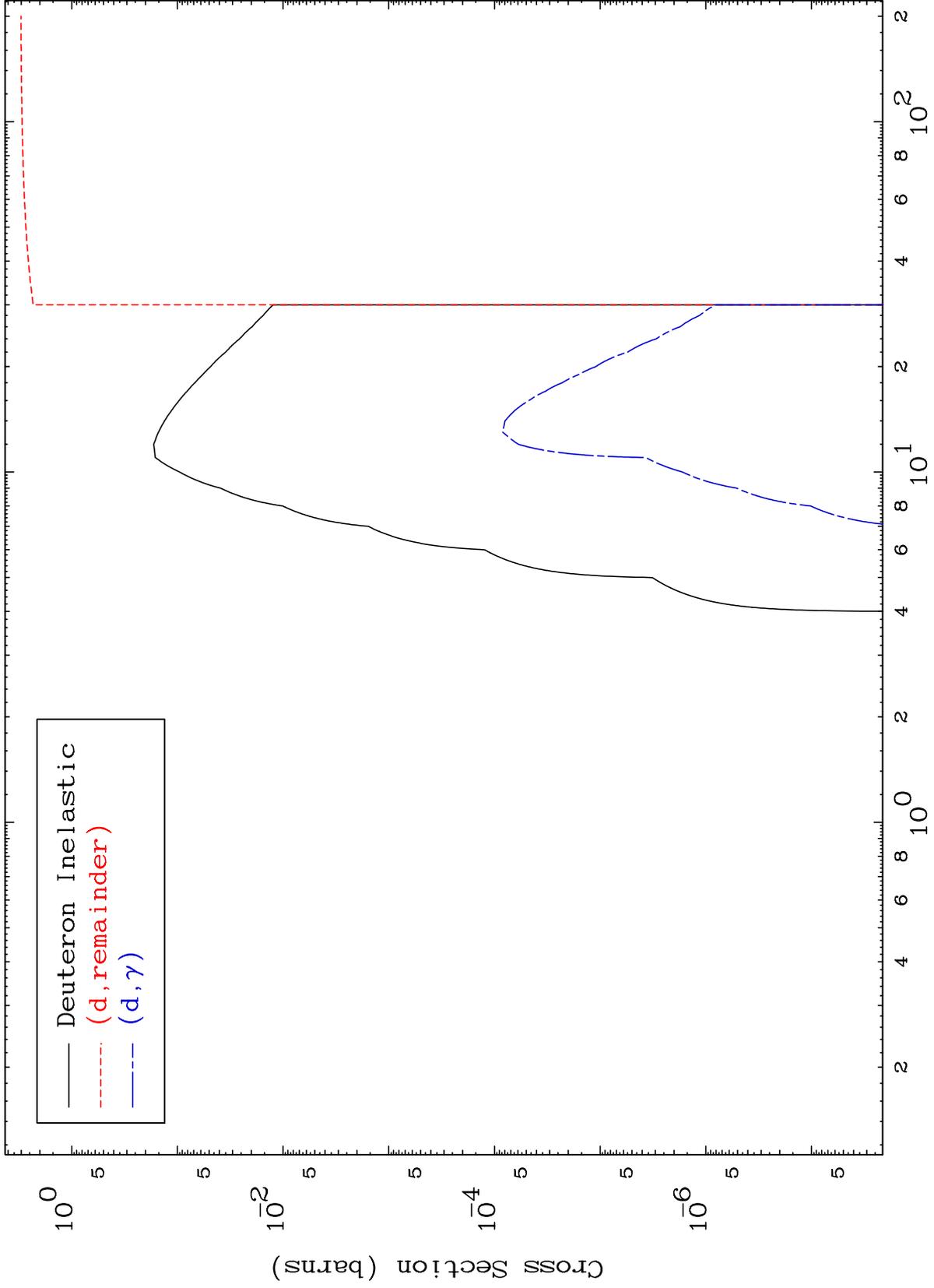
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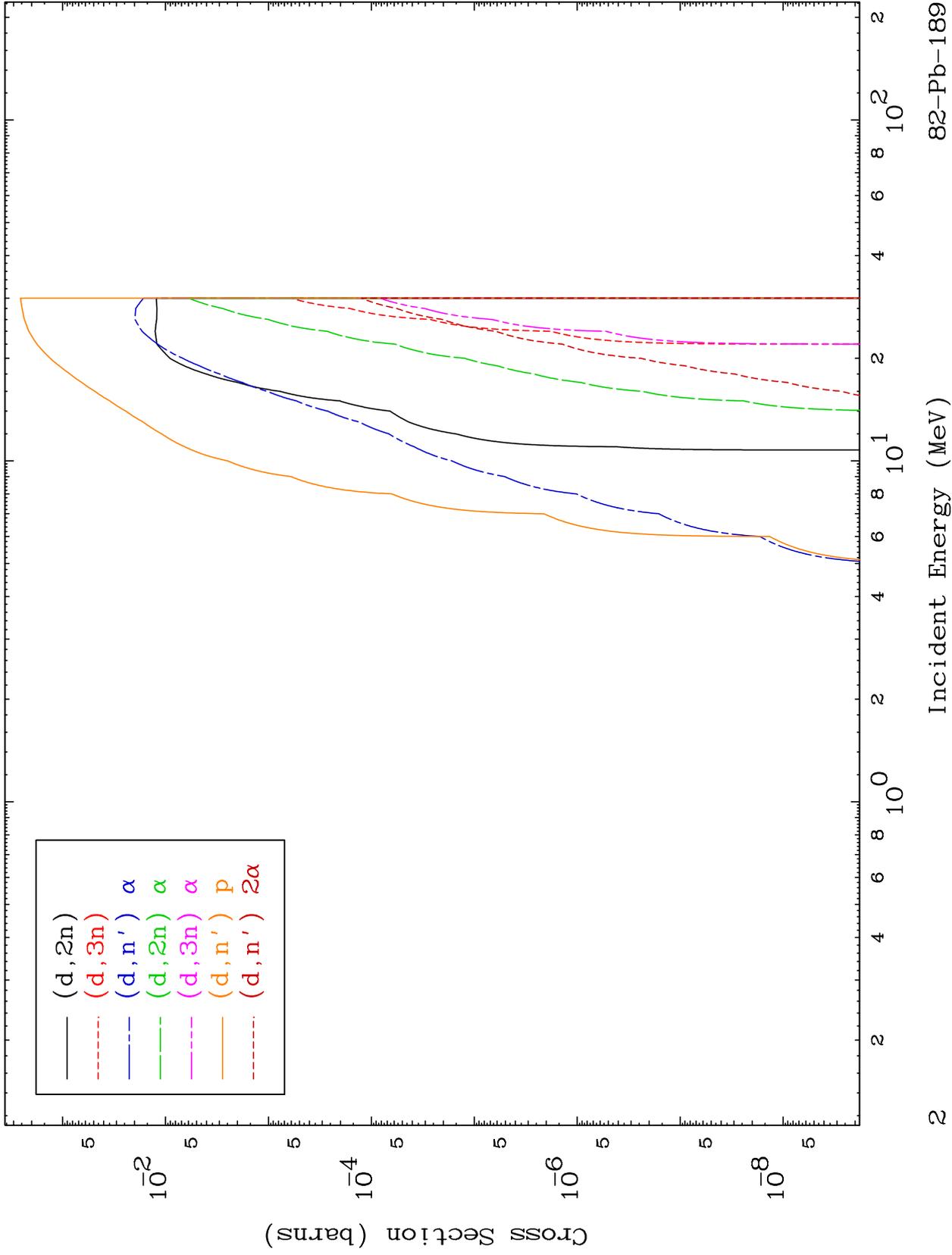
Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

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Press Mouse Button to Start

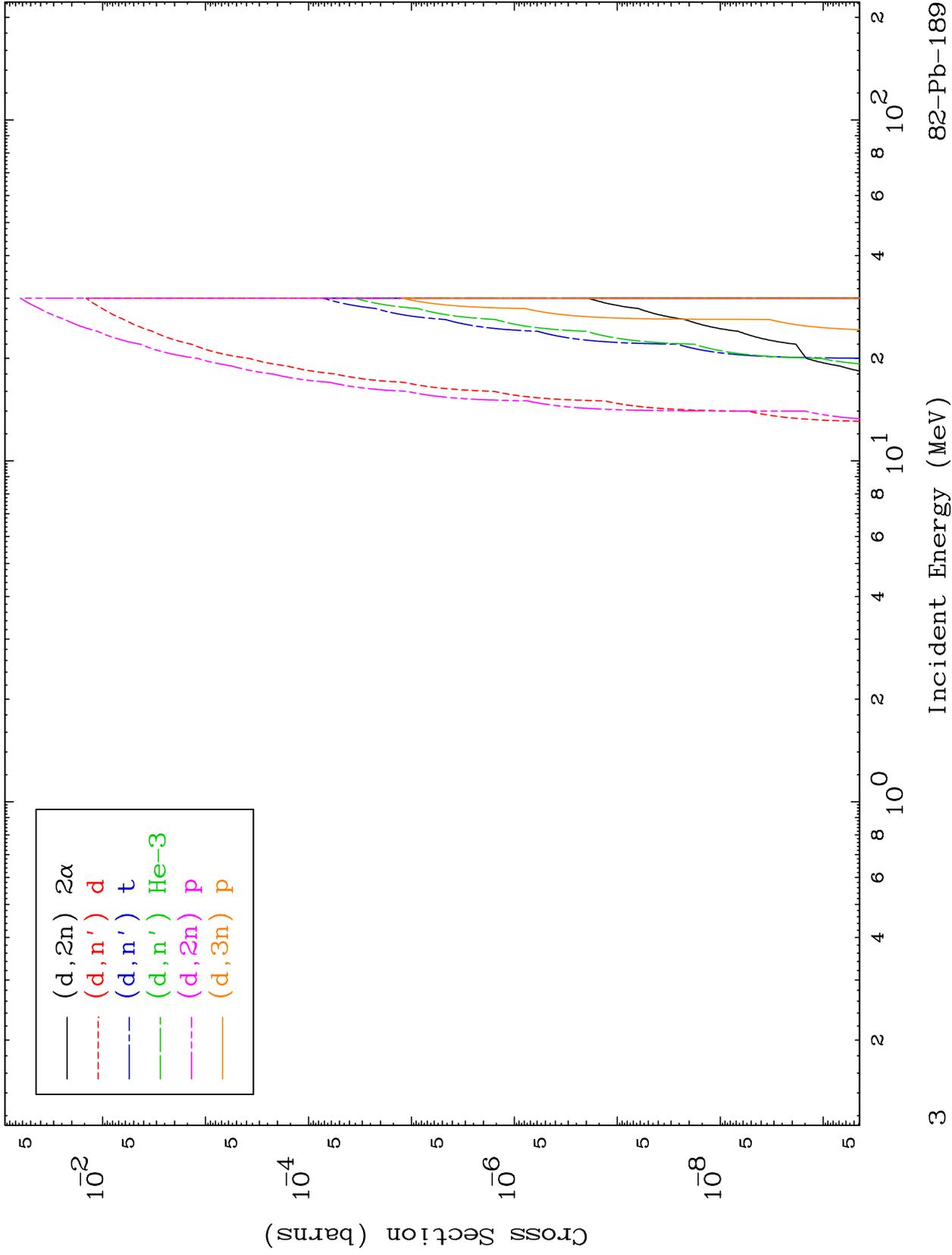




MAT 8181

Deuteron Neutron Production
0 Kelvin Cross Sections

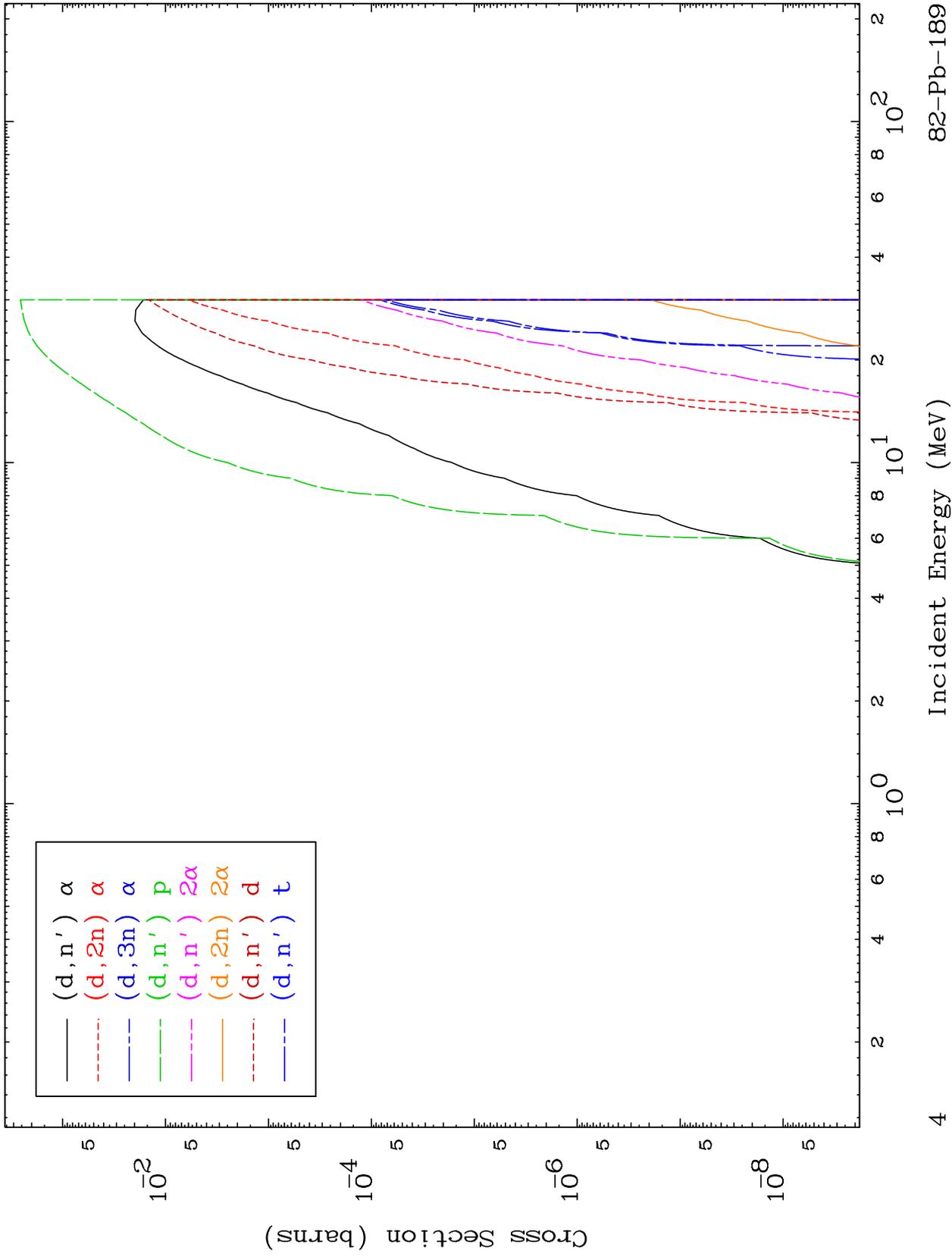
82-Pb-189

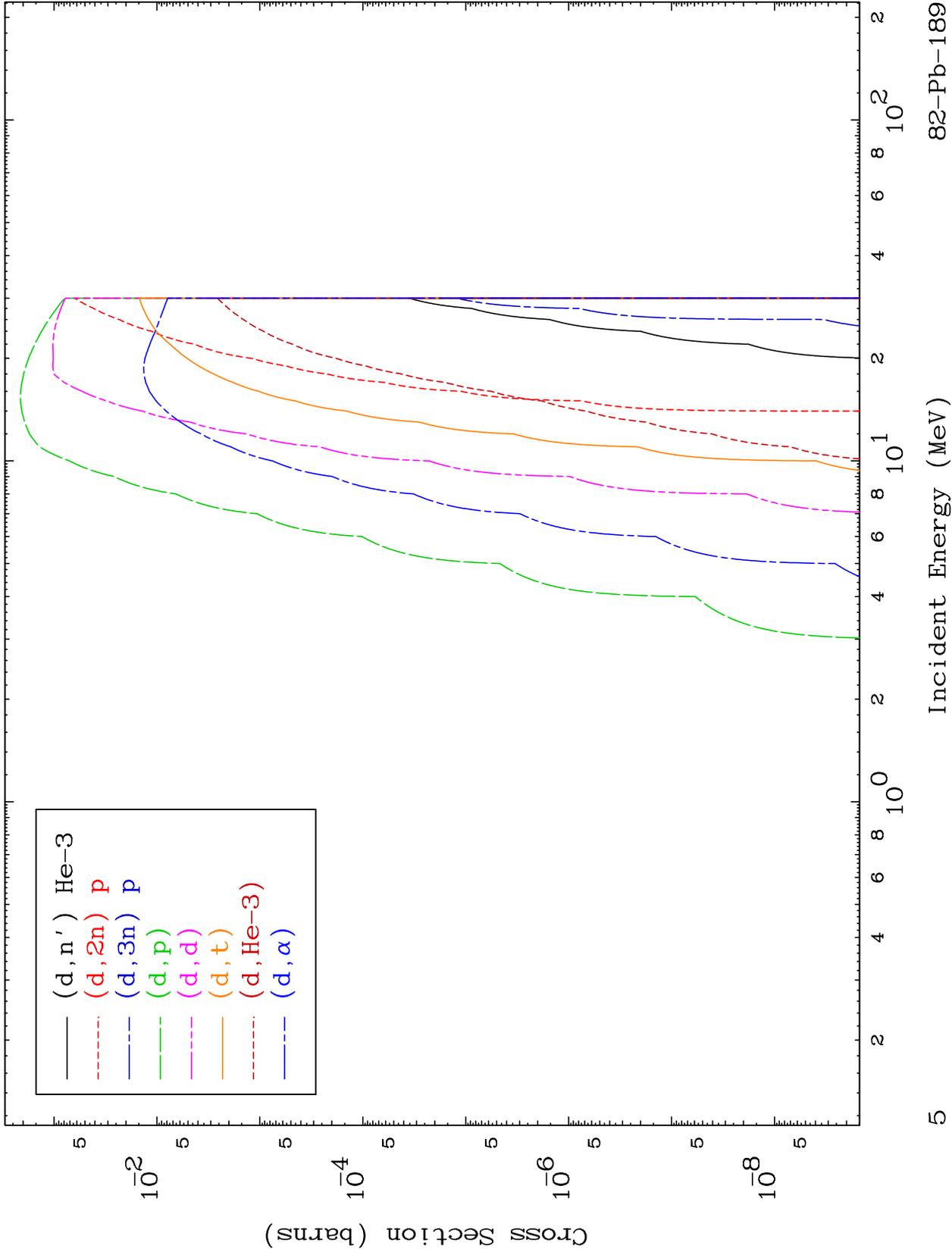


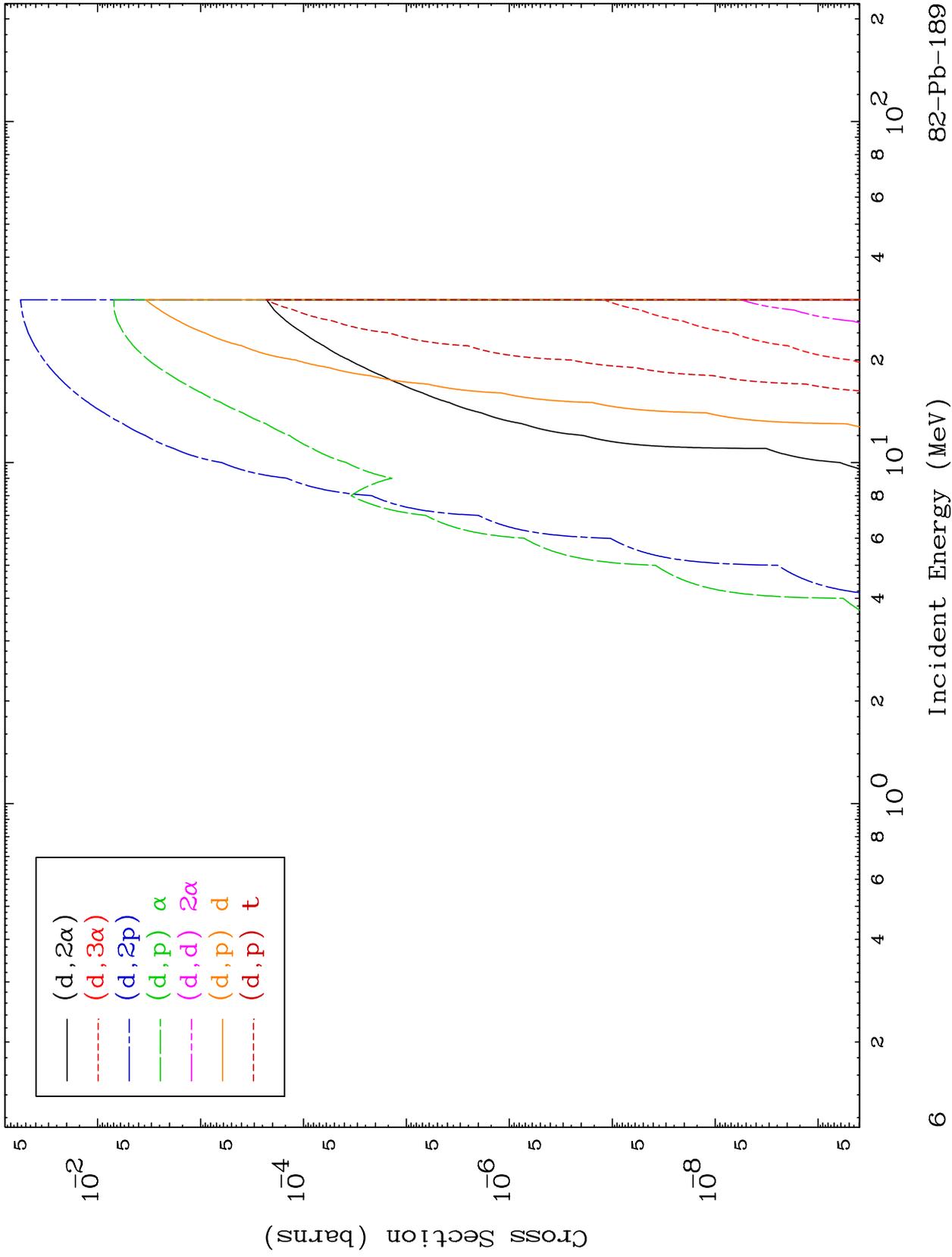
MAT 8181

Deuteron Charged Particle
0 Kelvin Cross Sections

82-Pb-189





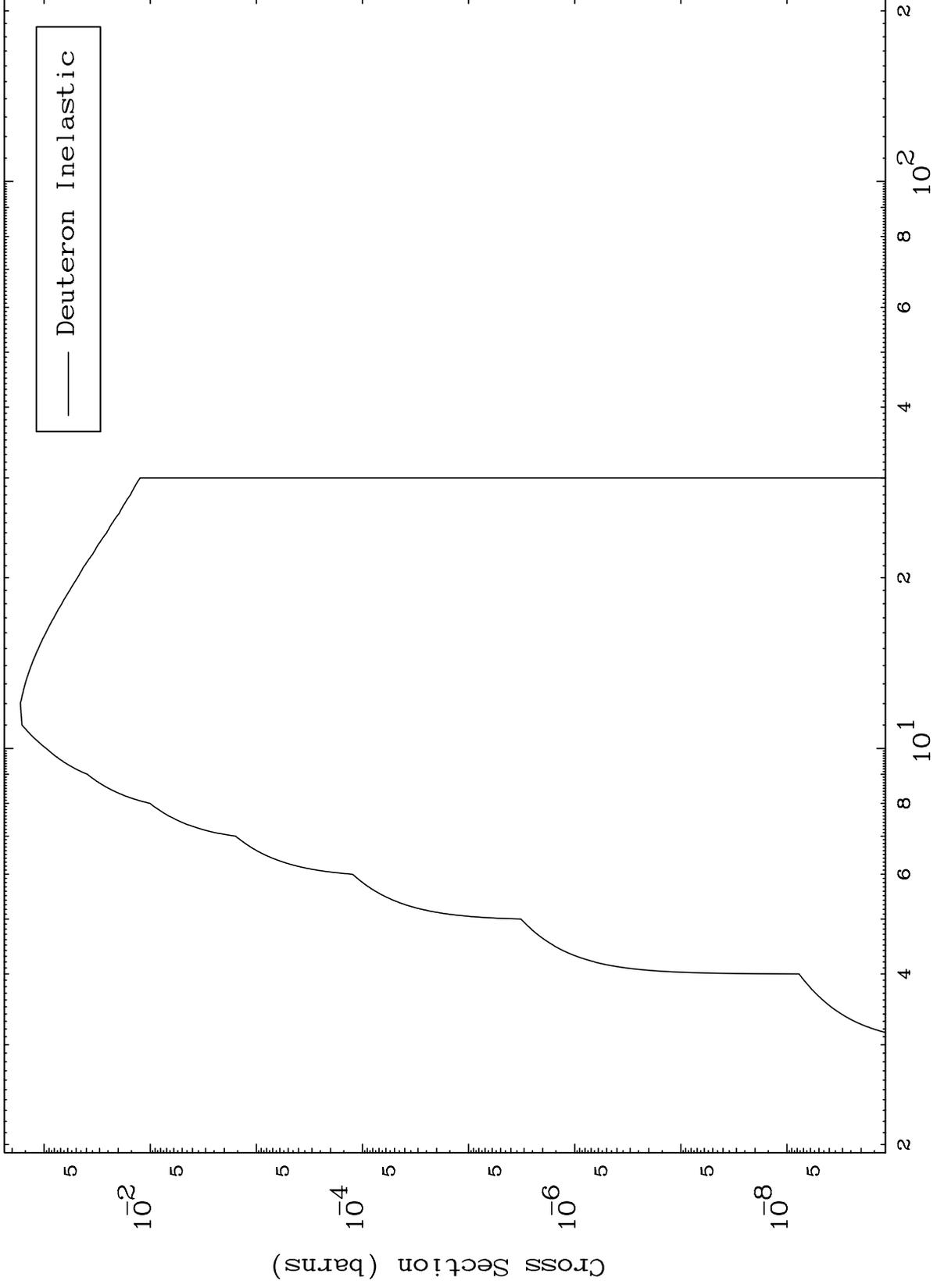


MAT 8181

(d,n') Level

82-Pb-189

0 Kelvin Cross Sections



7

Incident Energy (MeV)

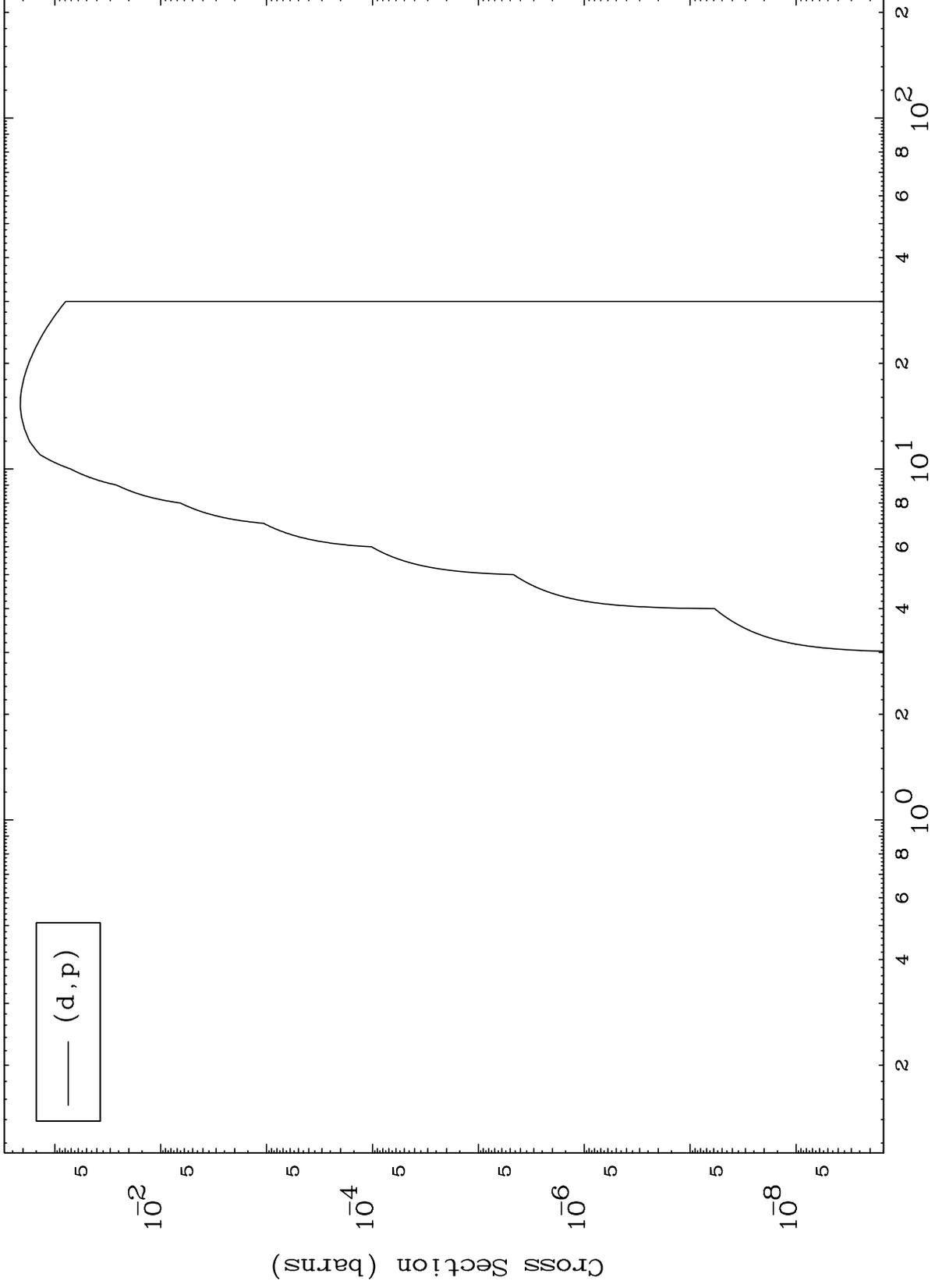
82-Pb-189

MAT 8181

(d,p) Levels

82-Pb-189

0 Kelvin Cross Sections

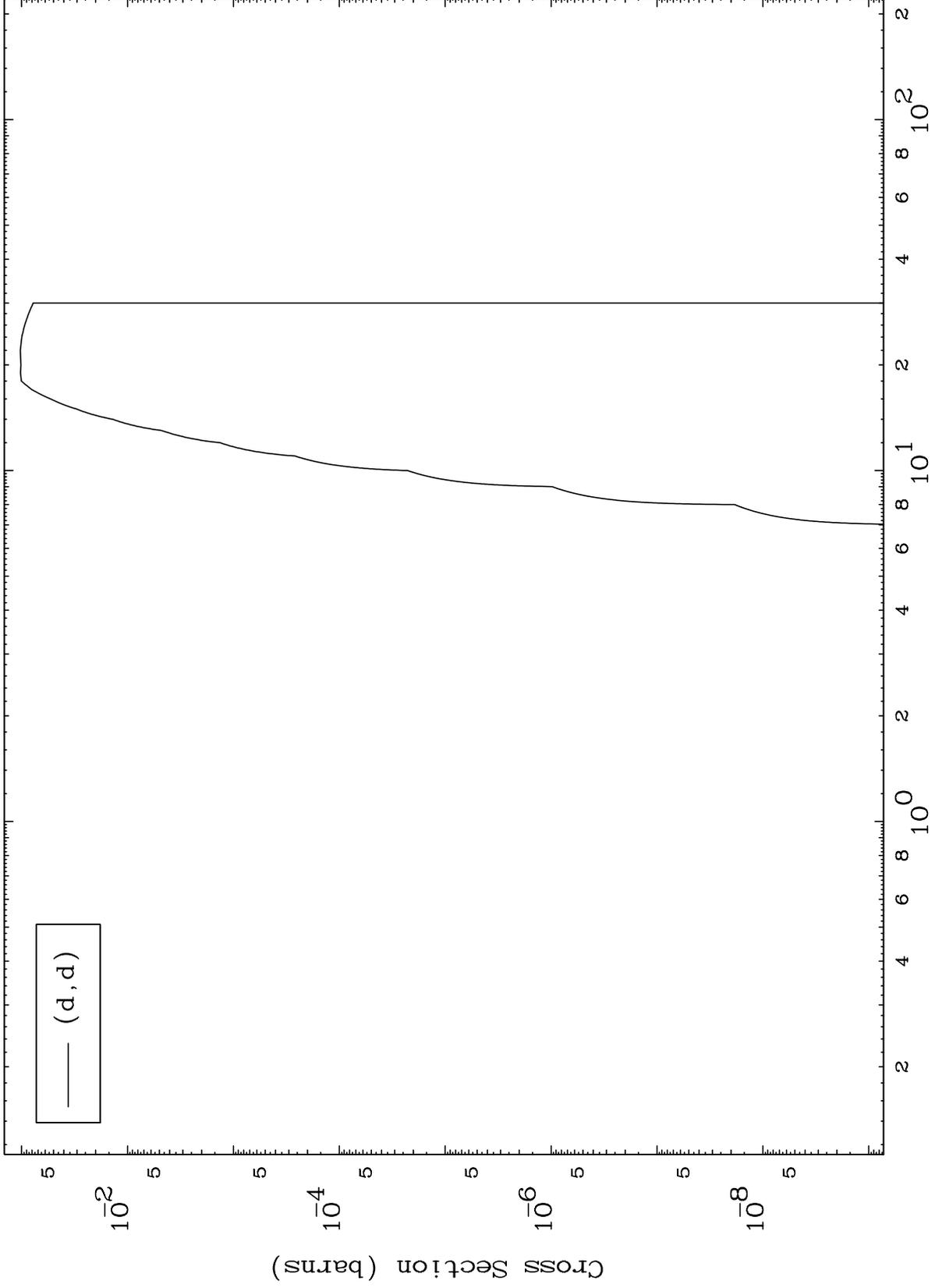


MAT 8181

(d,d) Levels

82-Pb-189

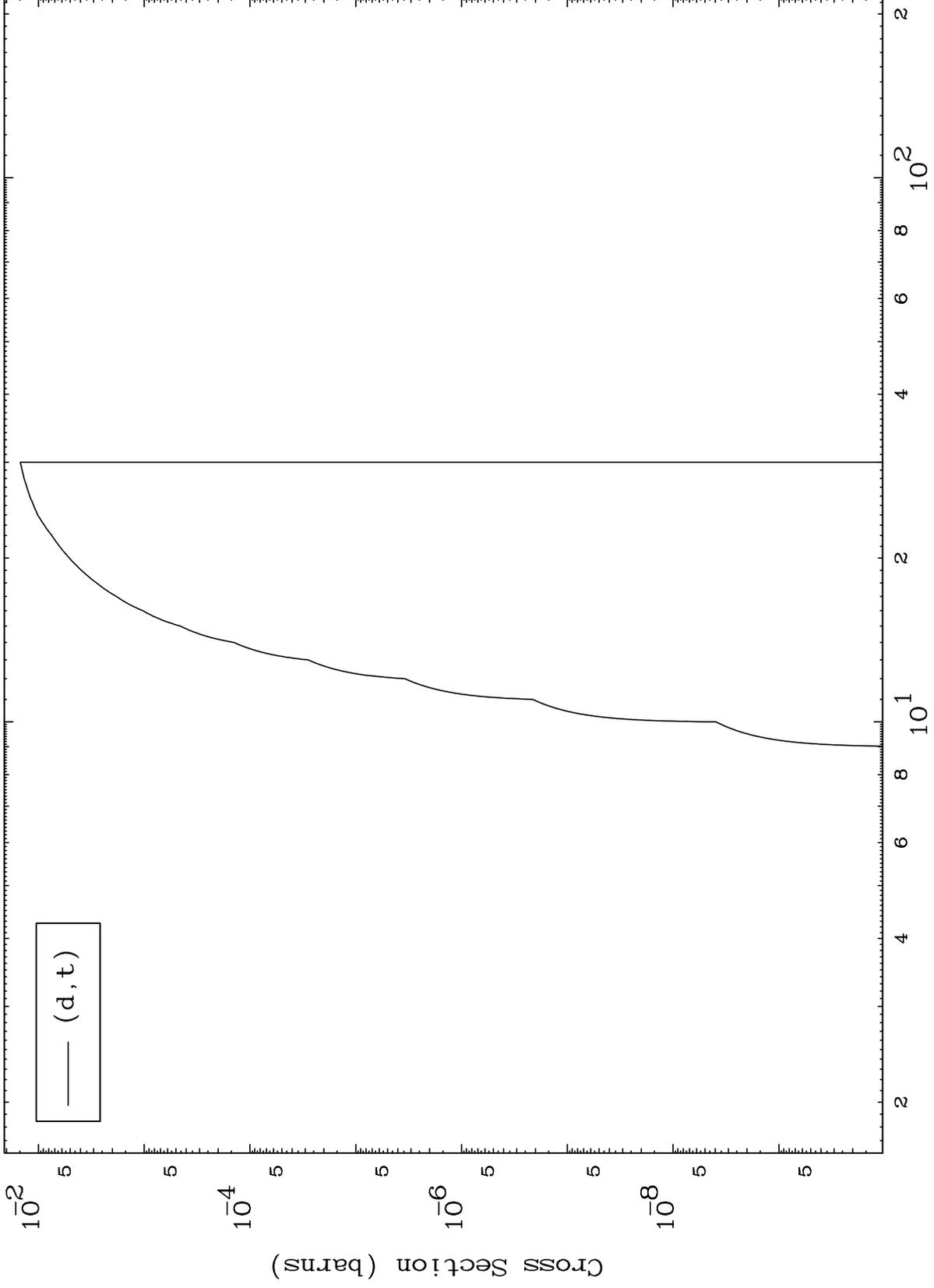
0 Kelvin Cross Sections



MAT 8181

(d,t) Levels
0 Kelvin Cross Sections

82-Pb-189



(d,t)

10

Incident Energy (MeV)

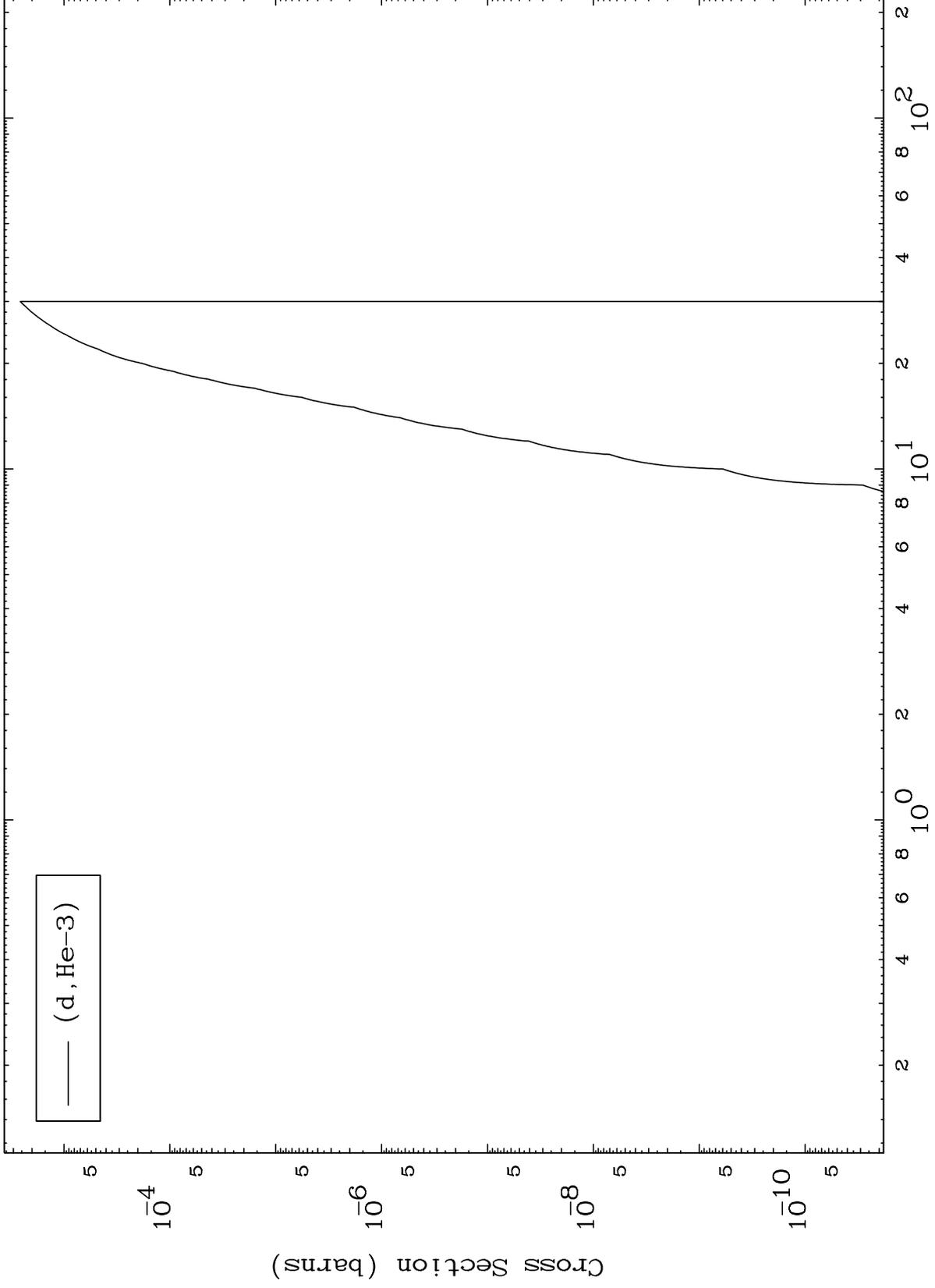
82-Pb-189

MAT 8181

(d,He3) Levels

82-Pb-189

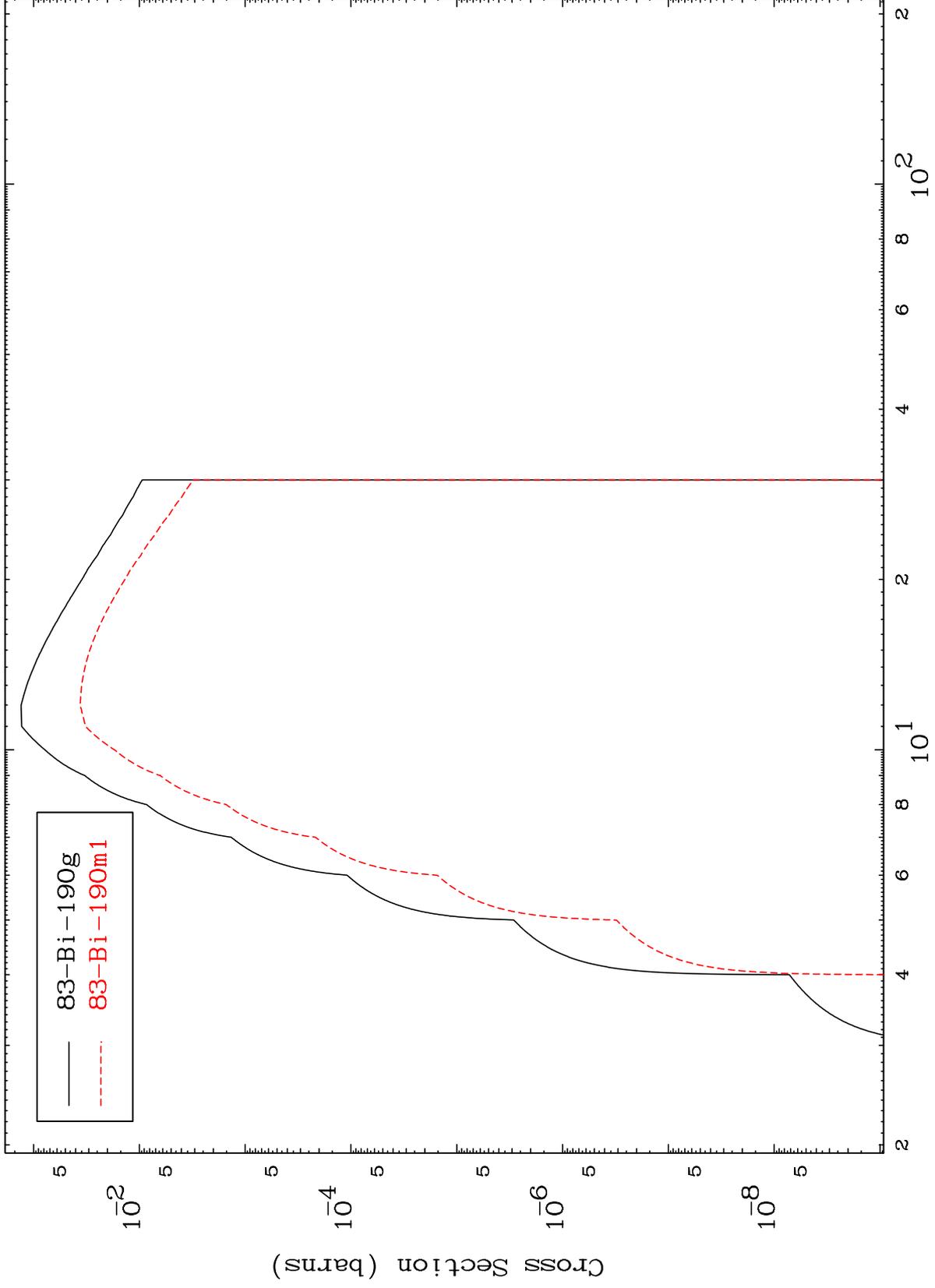
0 Kelvin Cross Sections



MAT 8181

Deuteron Inelastic
Radionuclide Production Cross Section

82-Pb-189



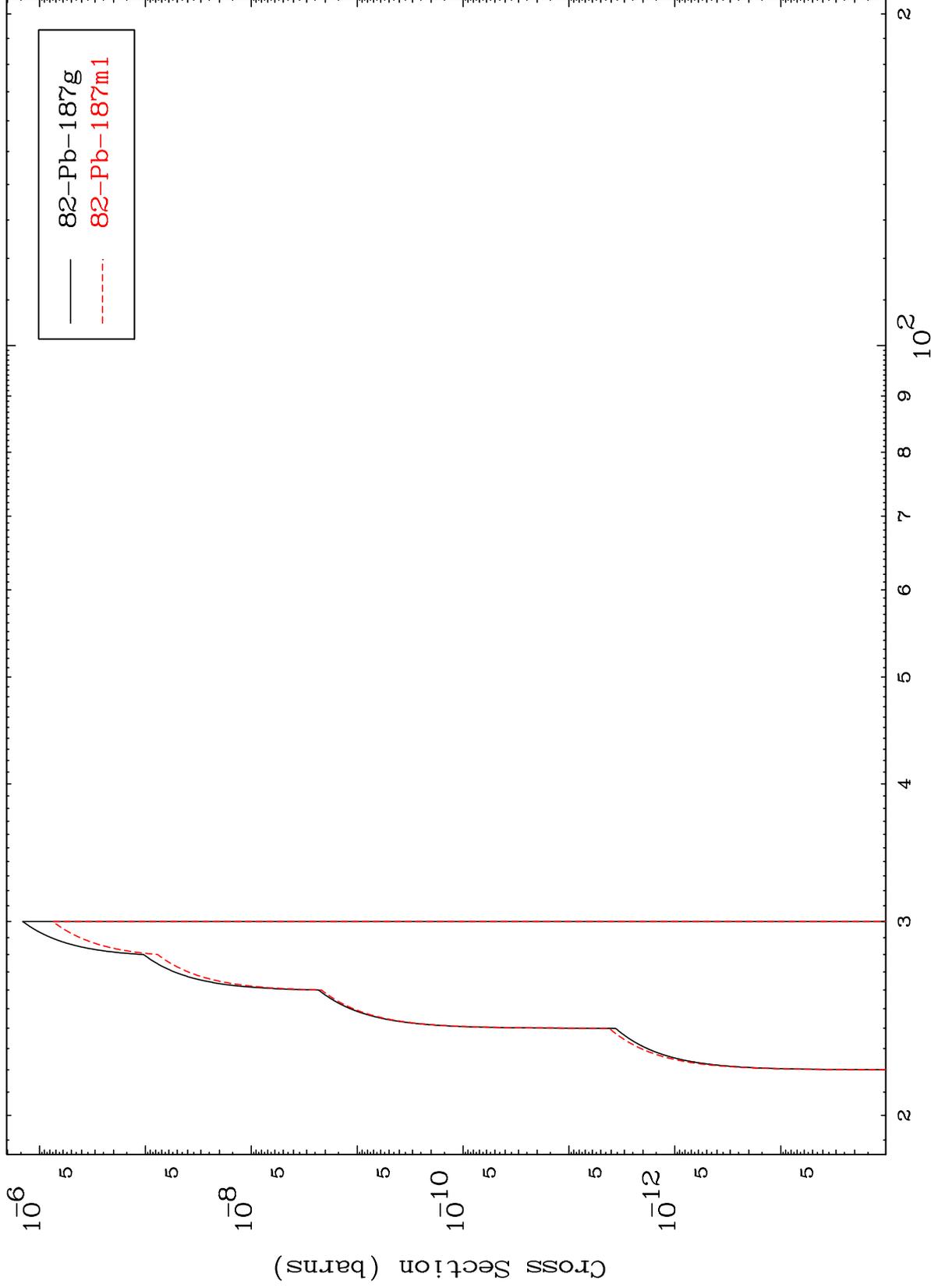
— 83-Bi-190g
- - - 83-Bi-190m1

MAT 8181

(d,2n) d

82-Pb-189

Radionuclide Production Cross Section



14

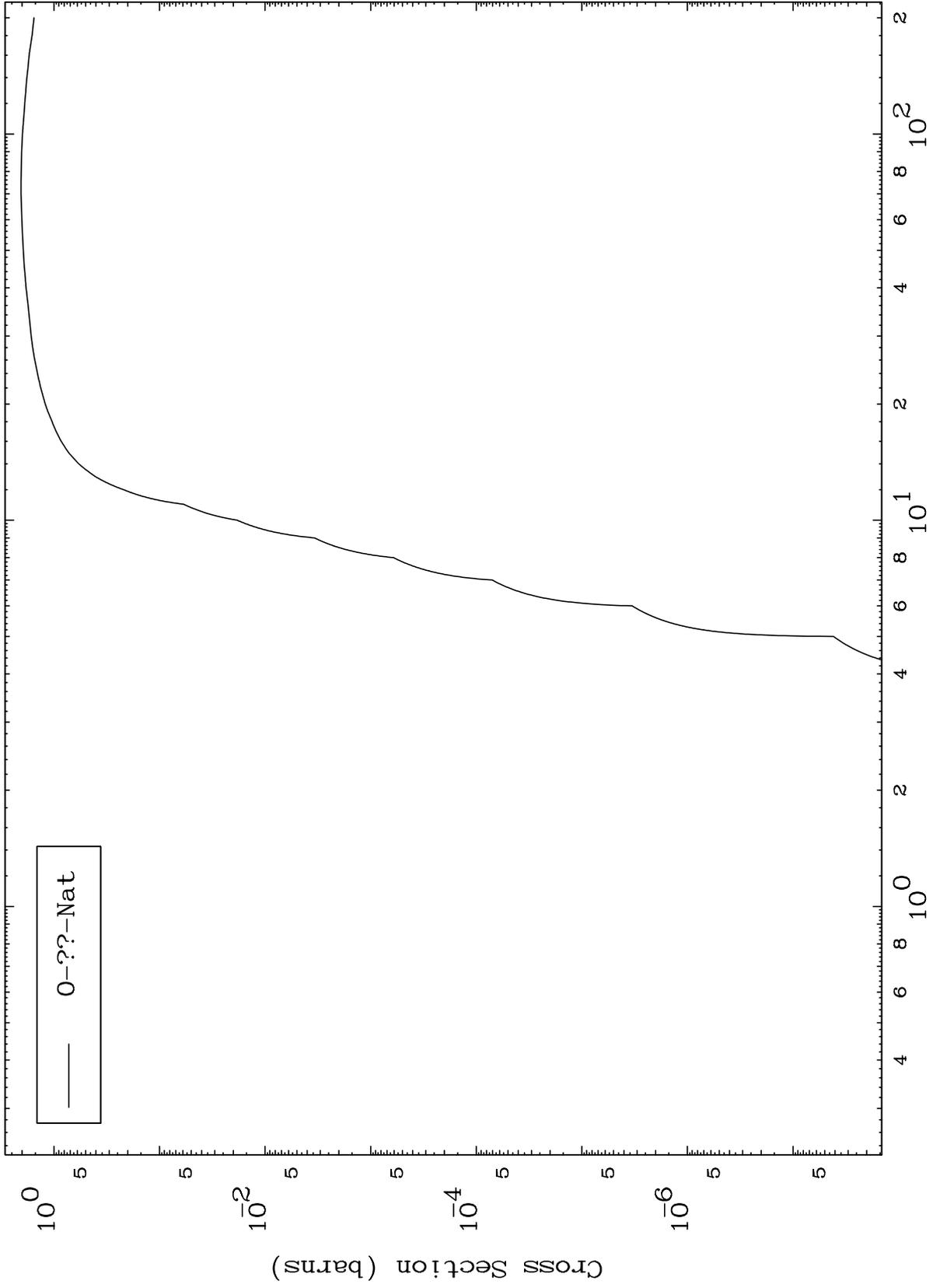
Incident Energy (MeV)

82-Pb-189

MAT 8181

82-Pb-189

Deuteron Fission
Radionuclide Production Cross Section



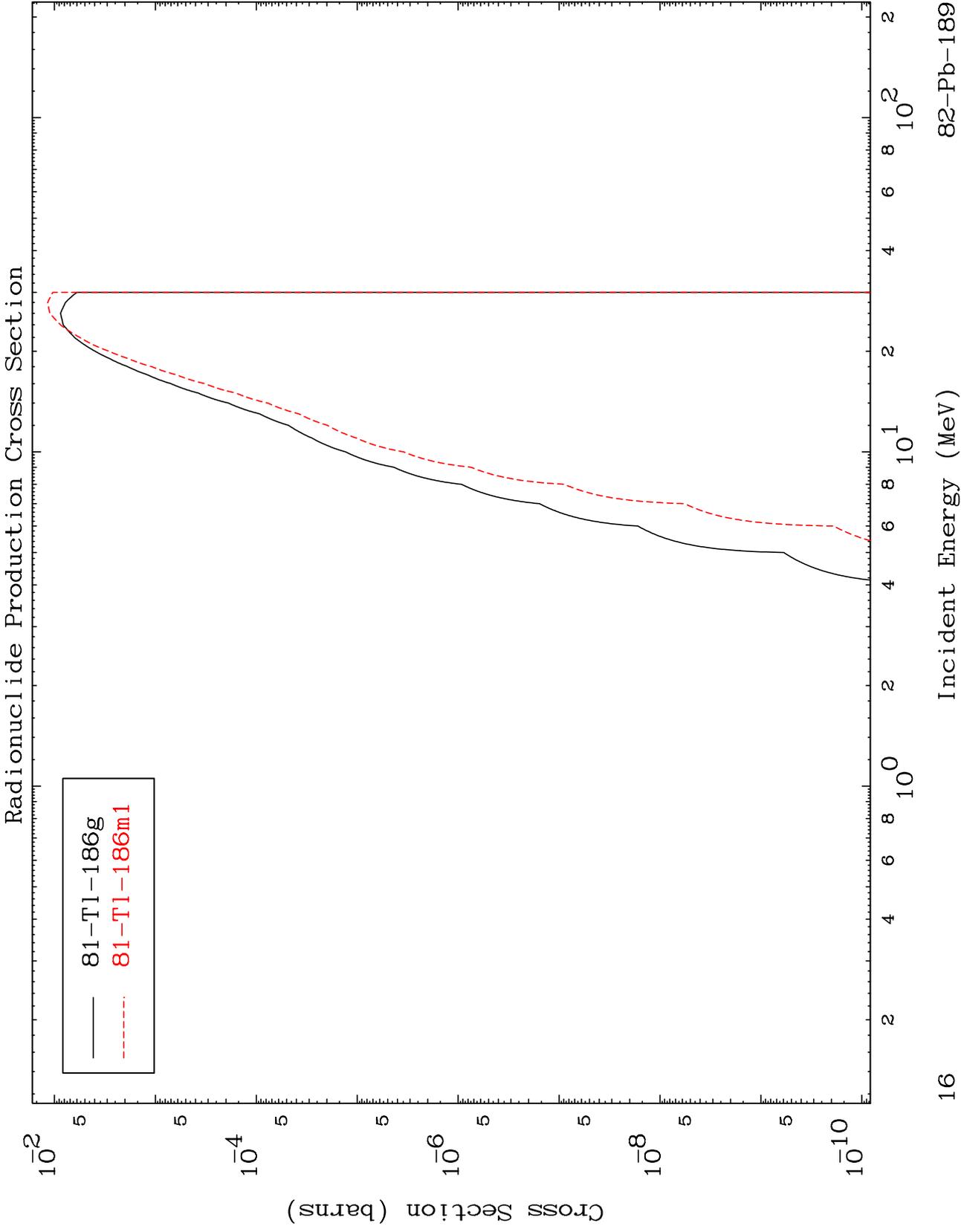
15

82-Pb-189

MAT 8181

(d,n') α

82-Pb-189

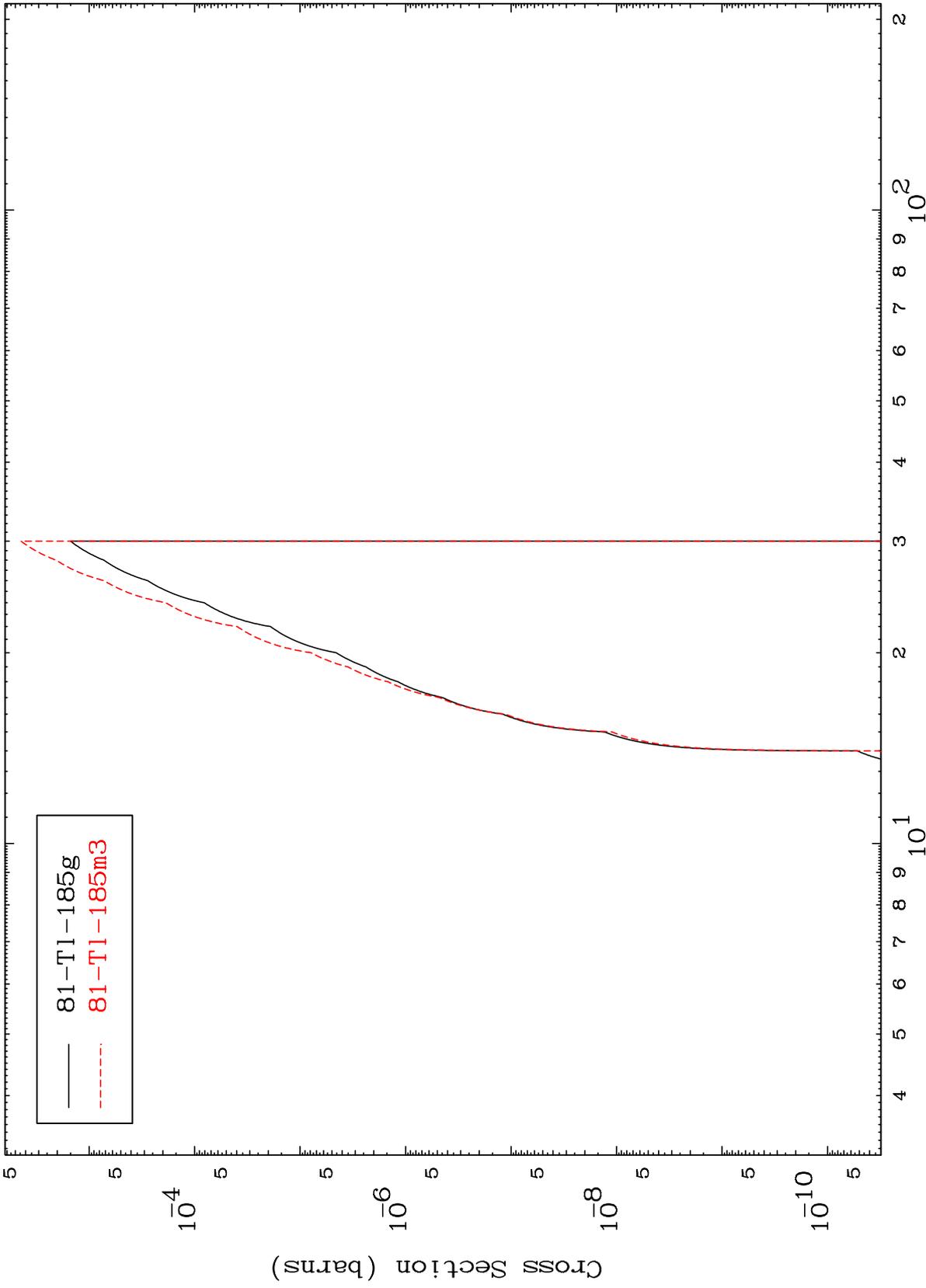


MAT 8181

(d,2n) α

82-Pb-189

Radionuclide Production Cross Section



17

Incident Energy (MeV)

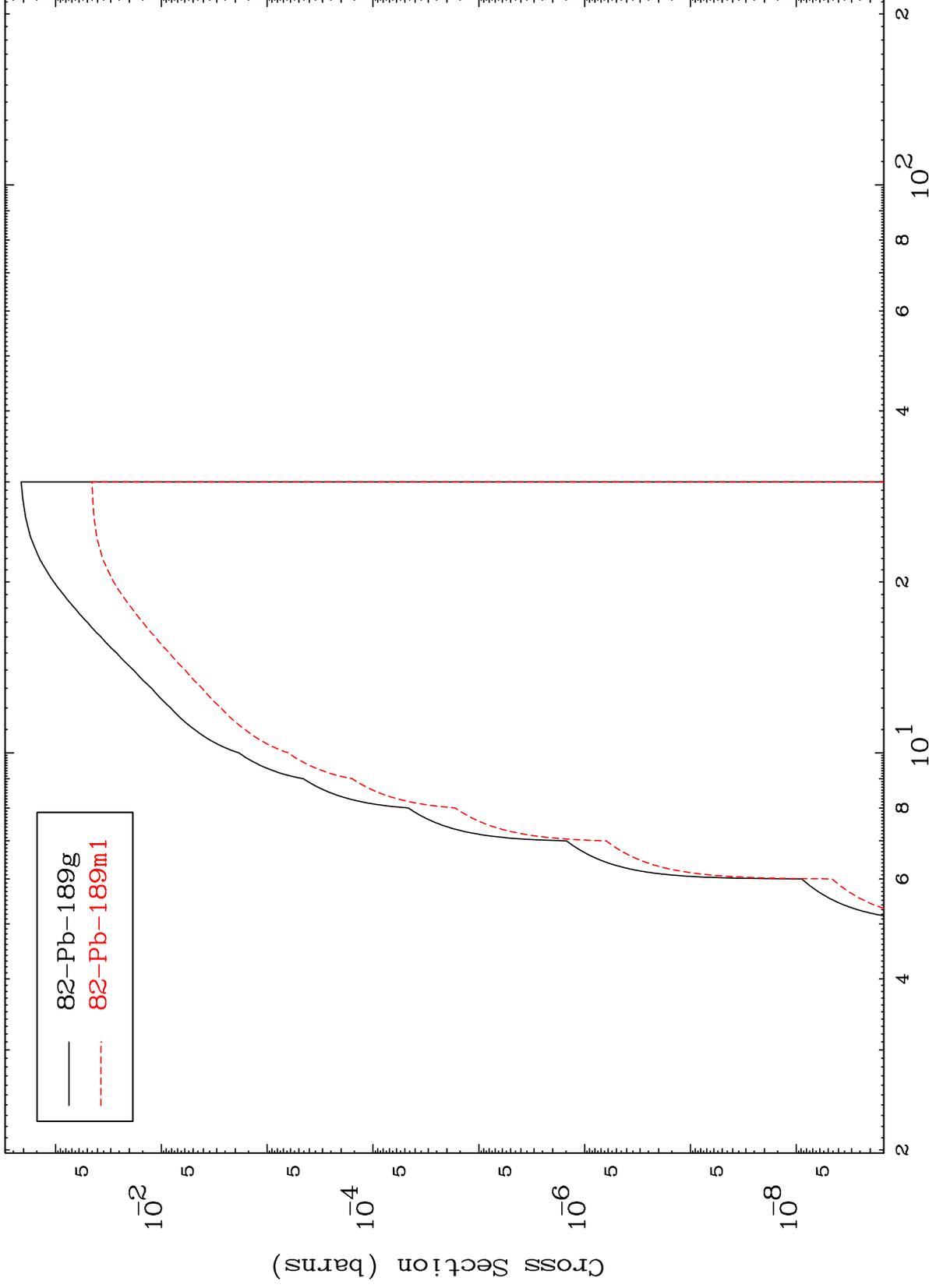
82-Pb-189

MAT 8181

(d,n') p

82-Pb-189

Radionuclide Production Cross Section



18

Incident Energy (MeV)

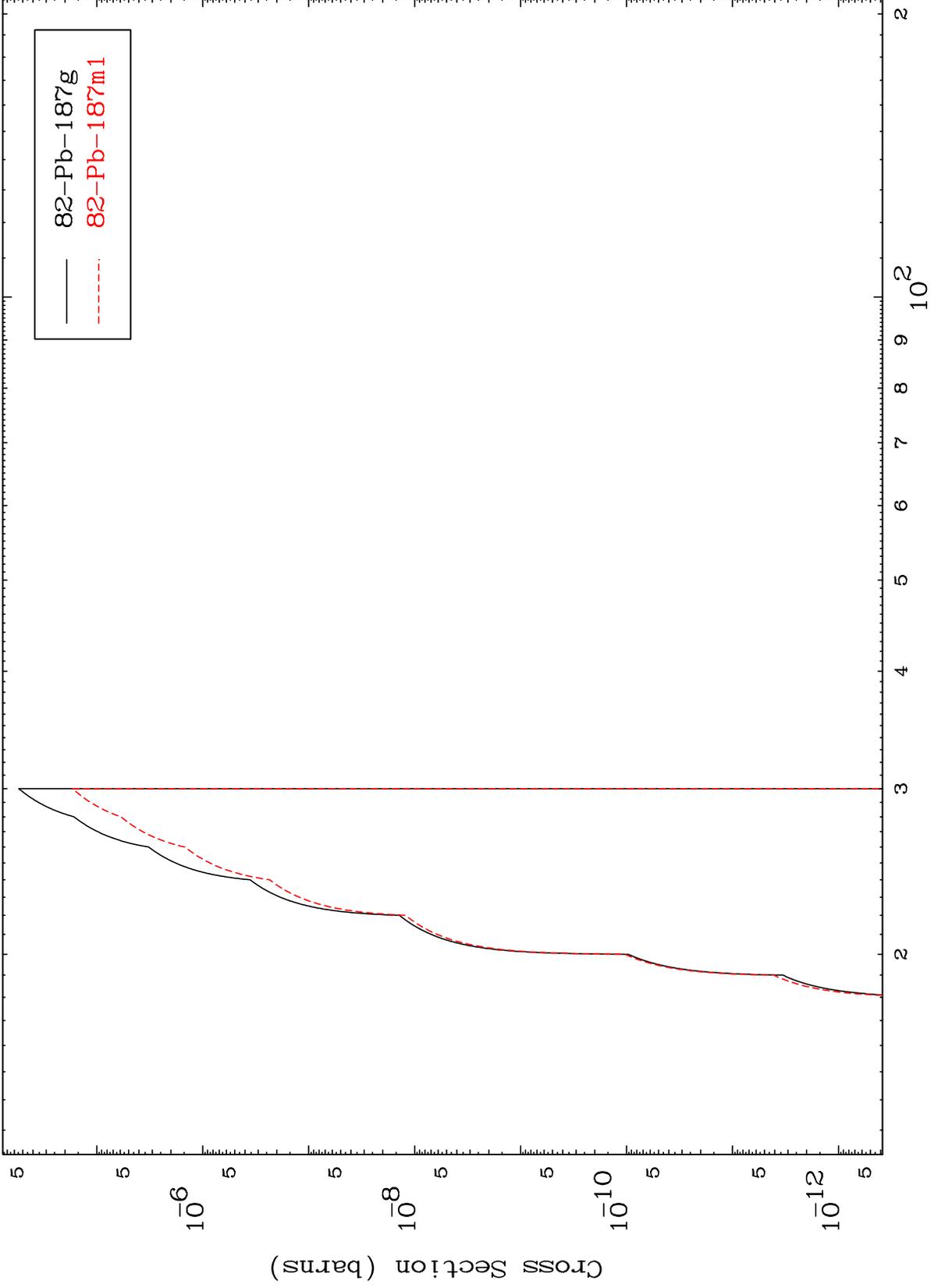
82-Pb-189

MAT 8181

(d,n') t

82-Pb-189

Radionuclide Production Cross Section



19

Incident Energy (MeV)

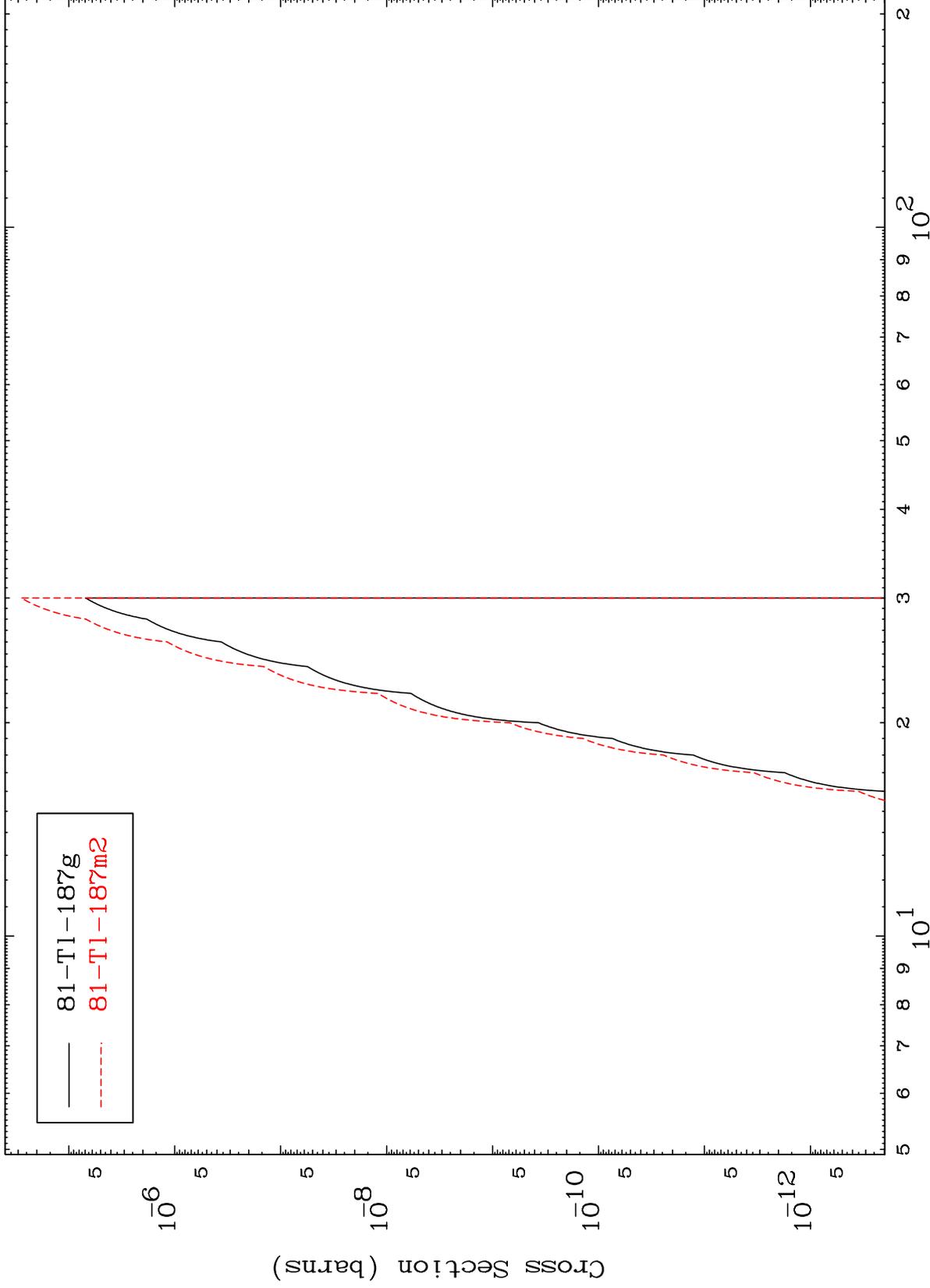
82-Pb-189

MAT 8181

(d,n') He-3

82-Pb-189

Radionuclide Production Cross Section



20

Incident Energy (MeV)

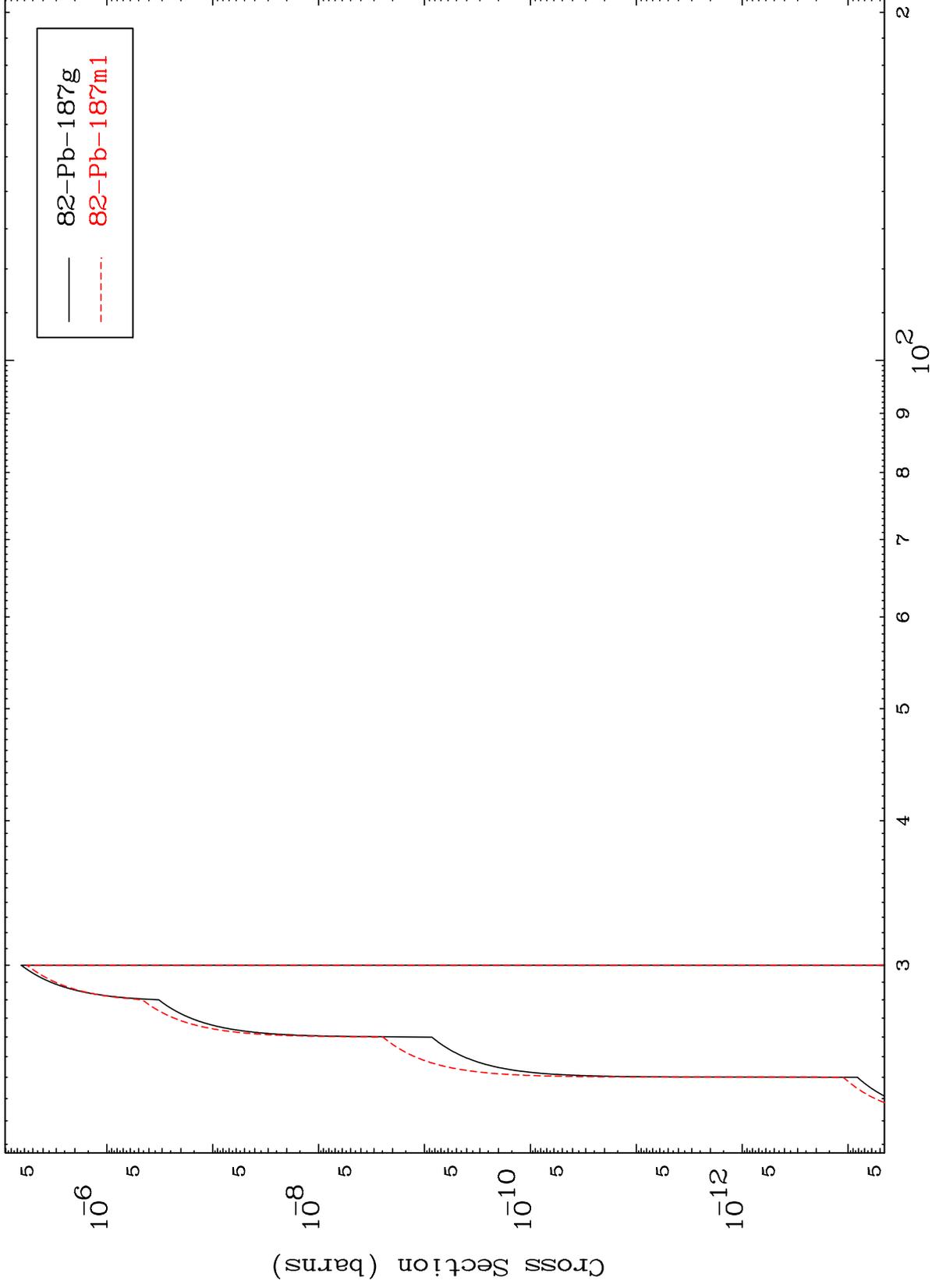
82-Pb-189

MAT 8181

(d,3n) p

82-Pb-189

Radionuclide Production Cross Section



21

Incident Energy (MeV)

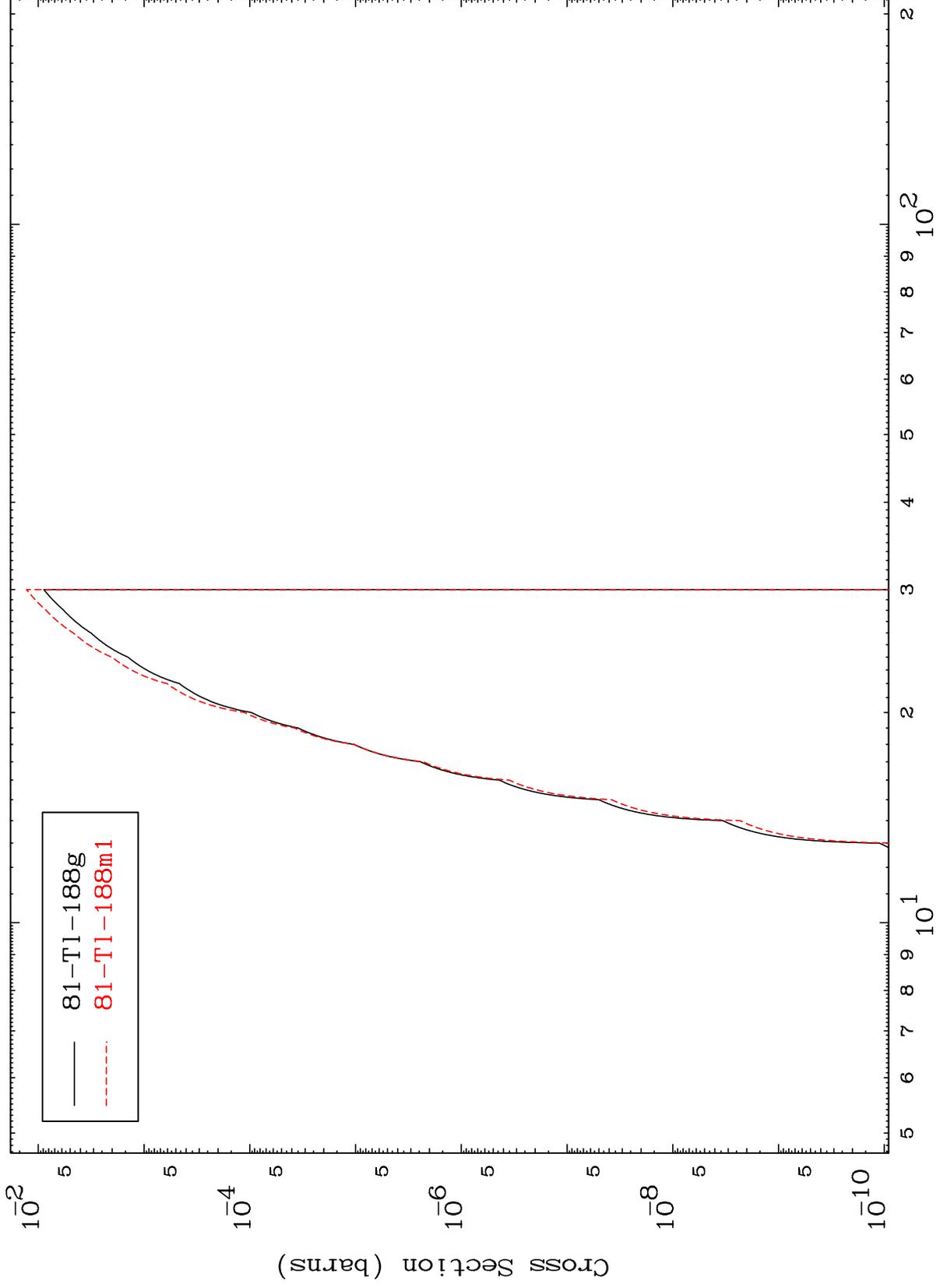
82-Pb-189

MAT 8181

(d,2n) p

82-Pb-189

Radionuclide Production Cross Section



22

Incident Energy (MeV)

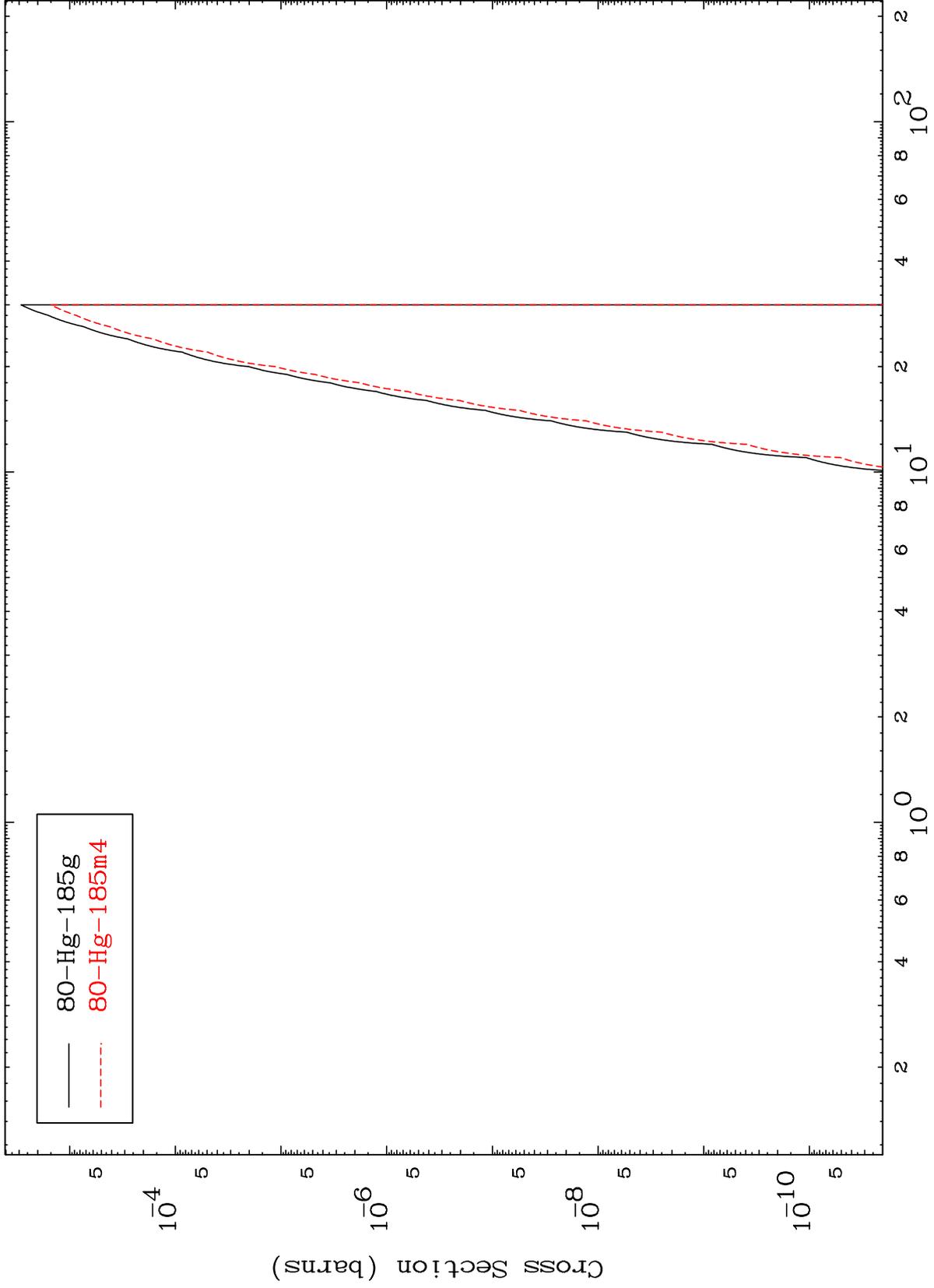
82-Pb-189

MAT 8181

(d,n') p α

82-Pb-189

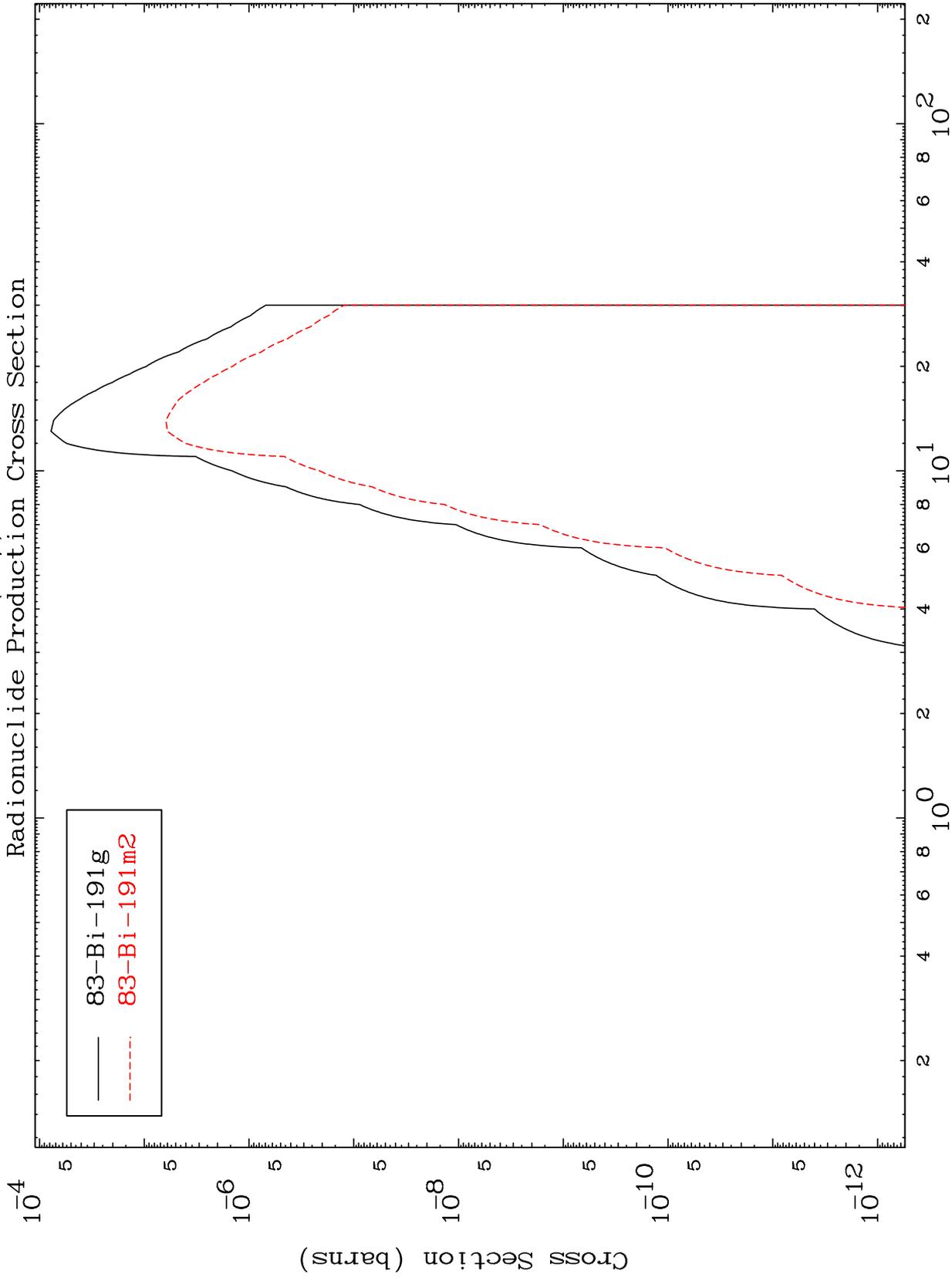
Radionuclide Production Cross Section



MAT 8181

82-Pb-189

Radionuclide Production Cross Section
(d, γ)



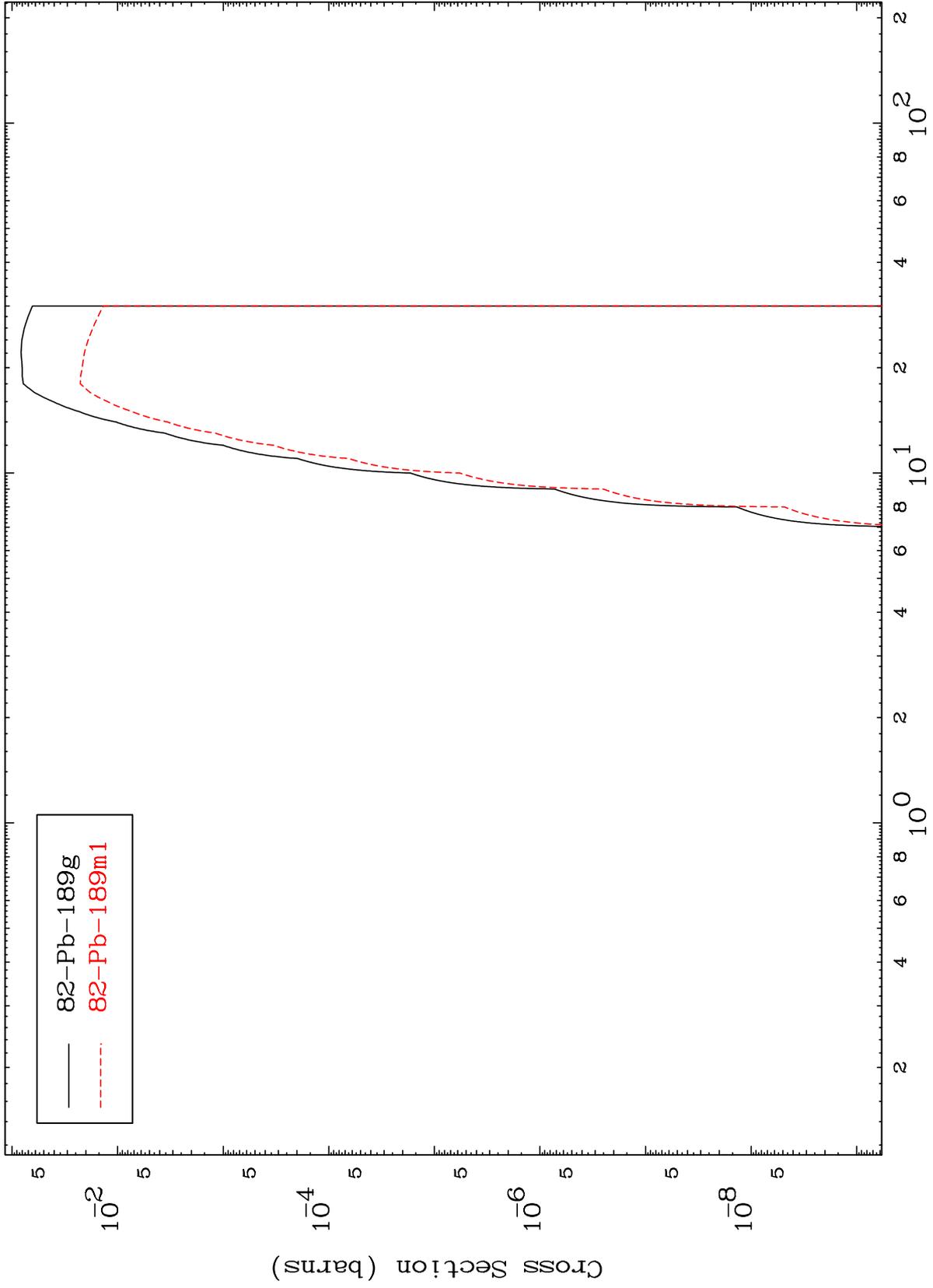
— 83-Bi-191g
- - - 83-Bi-191m2

MAT 8181

(d,d)

82-Pb-189

Radionuclide Production Cross Section



25

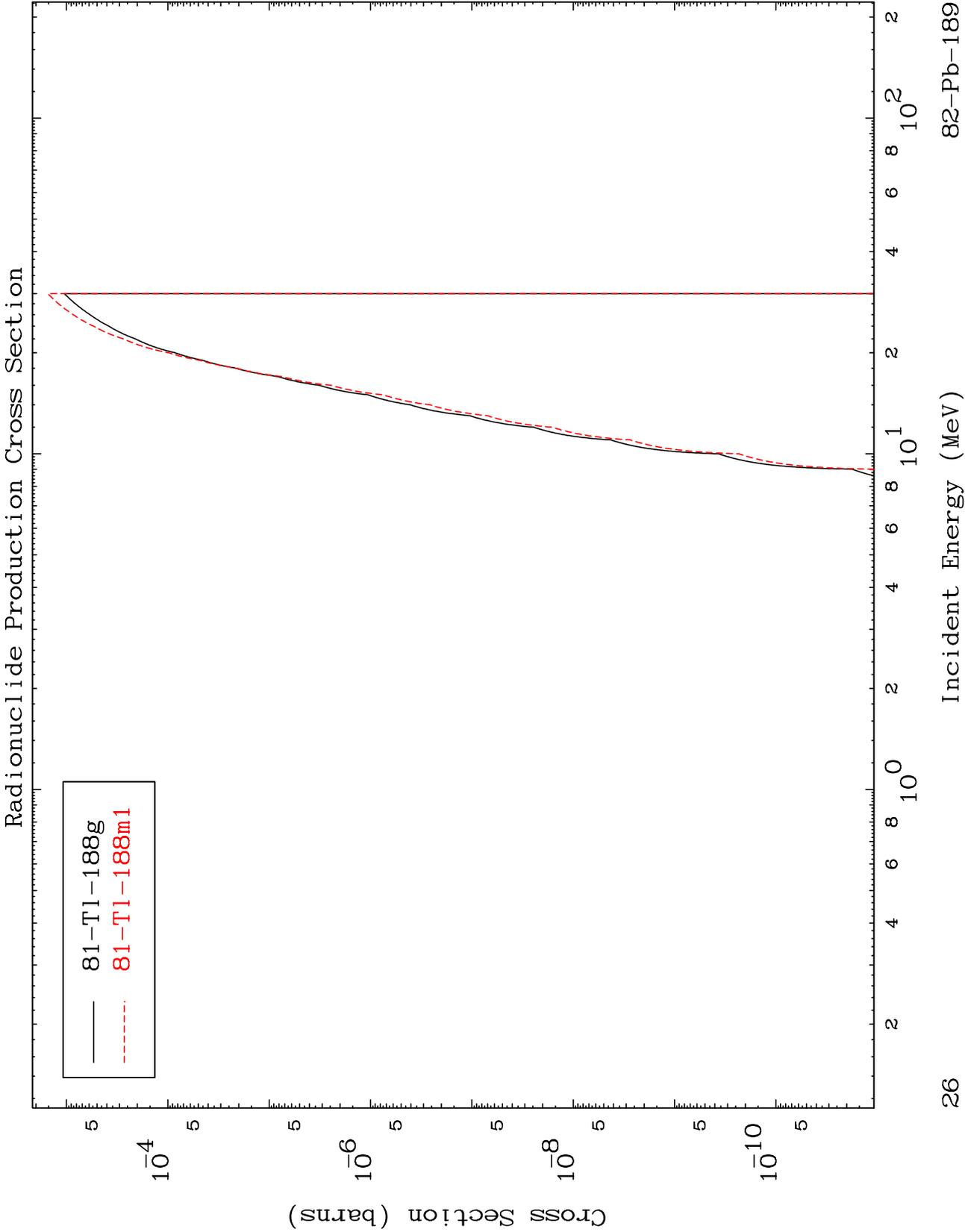
Incident Energy (MeV)

82-Pb-189

MAT 8181

(d,He-3)

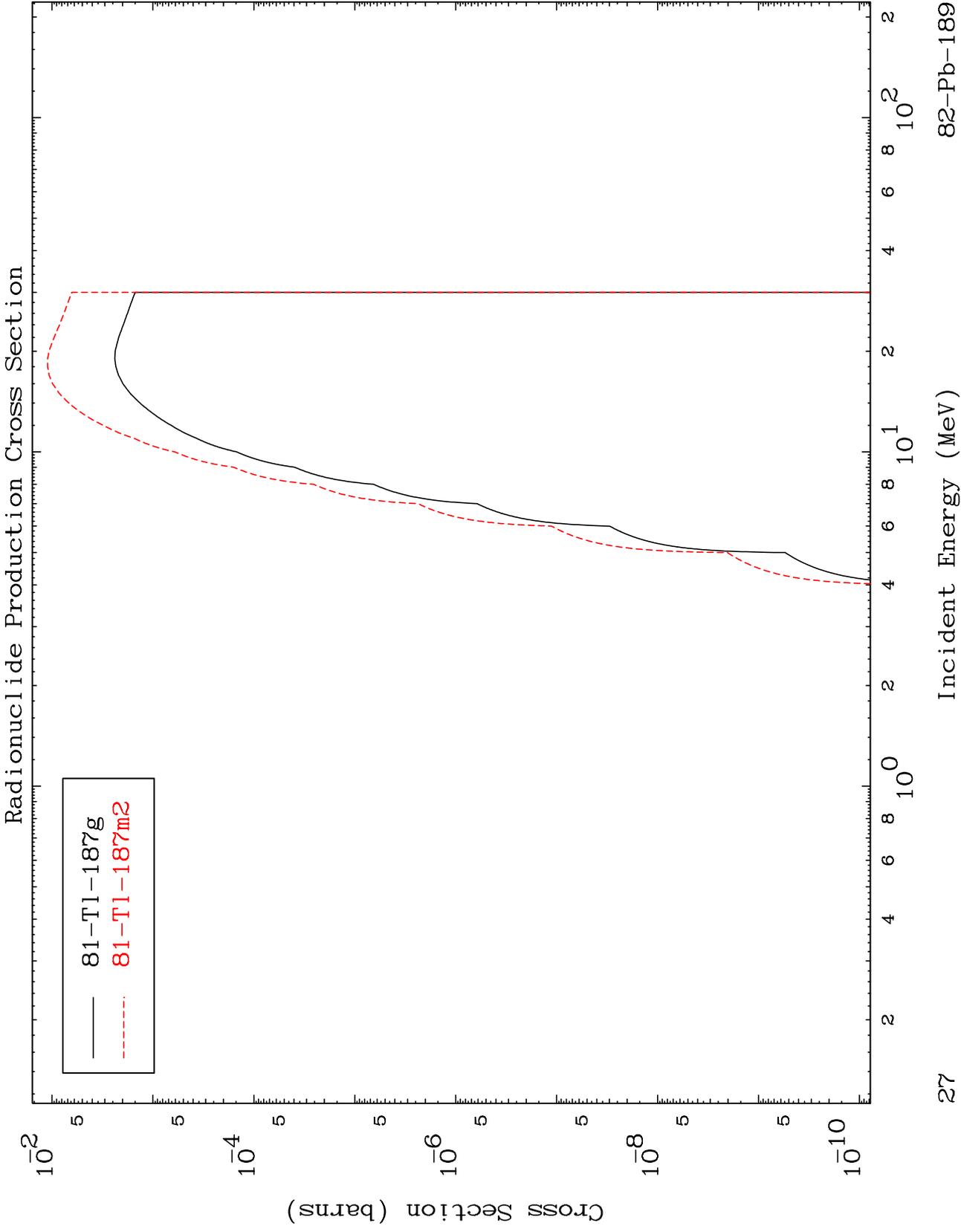
82-Pb-189



MAT 8181

(d, α)

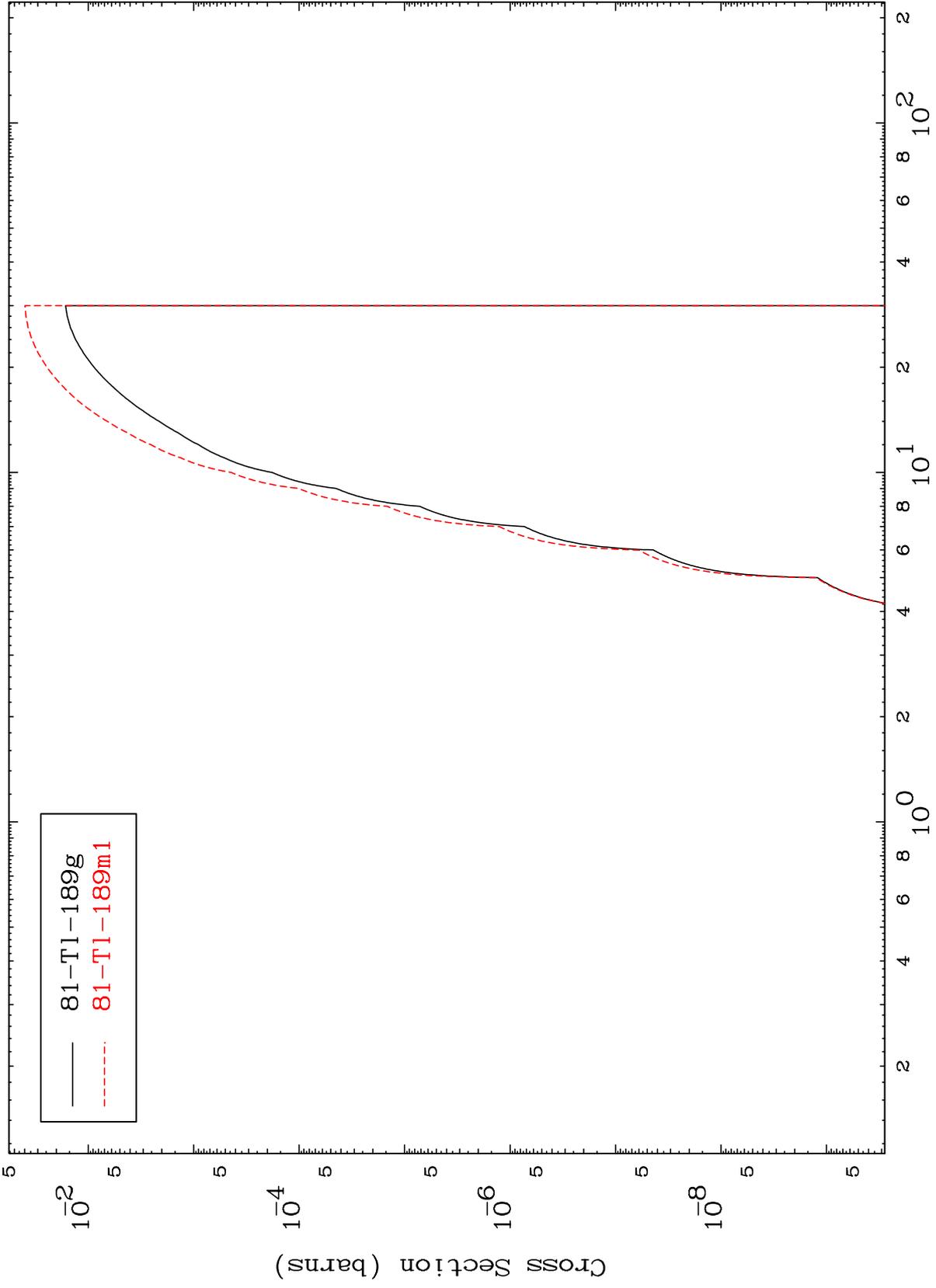
82-Pb-189



MAT 8181

82-Pb-189

(d,2p)
Radionuclide Production Cross Section



82-Pb-189

Incident Energy (MeV)

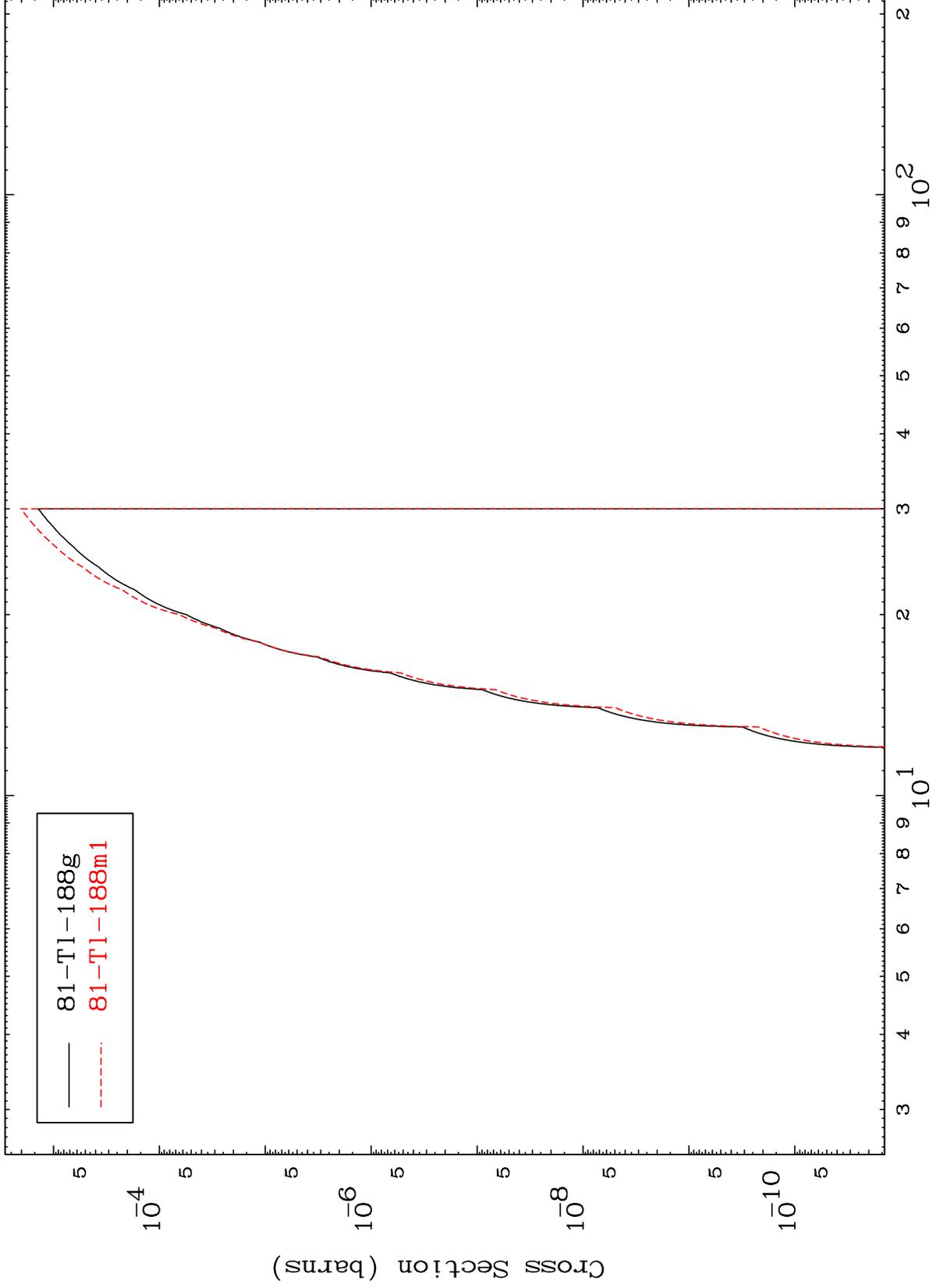
28

MAT 8181

(d,p) d

82-Pb-189

Radionuclide Production Cross Section



81-Tl-188g
81-Tl-188m1

29

Incident Energy (MeV)

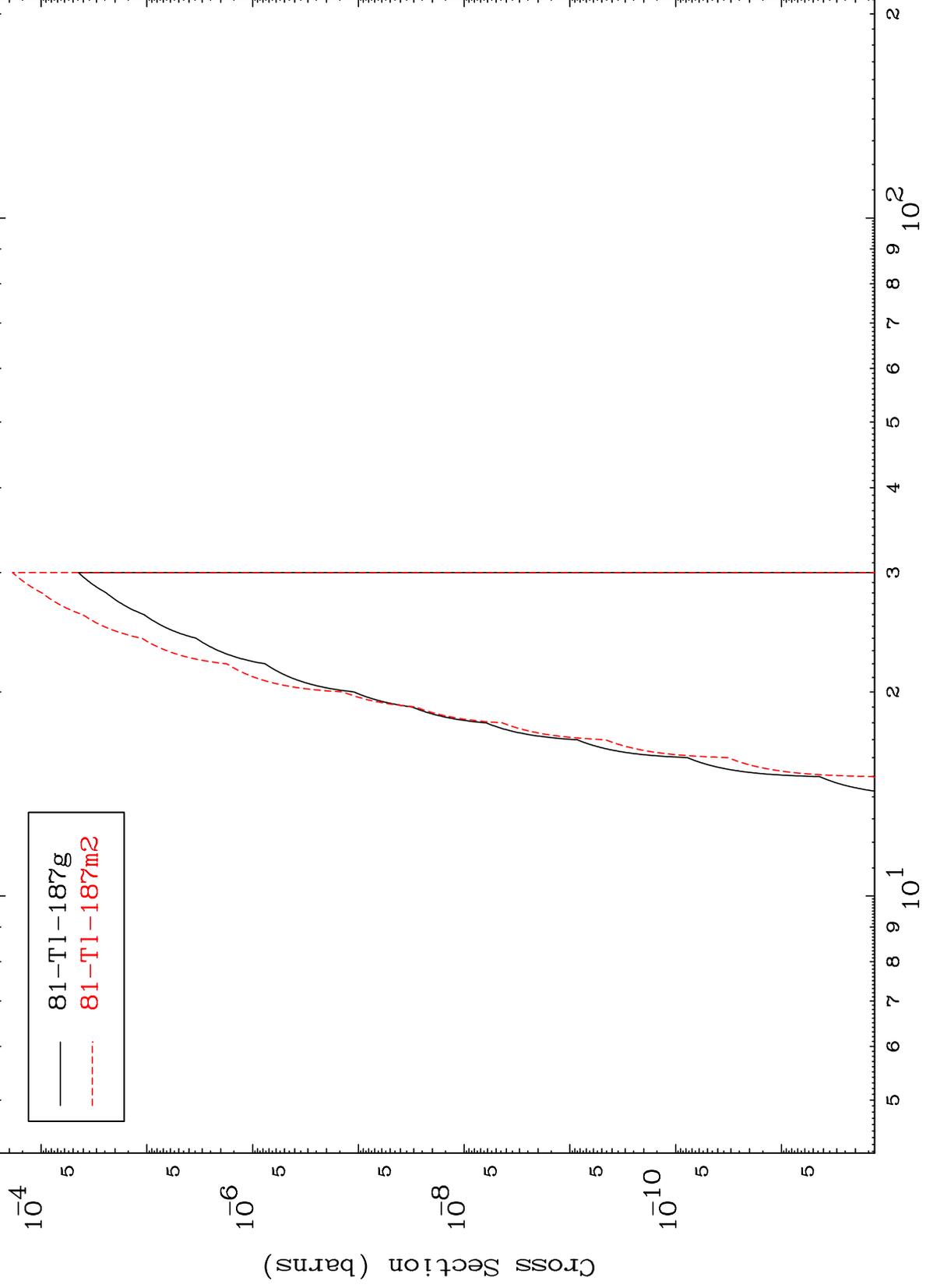
82-Pb-189

MAT 8181

(d,p) t

82-Pb-189

Radionuclide Production Cross Section



81-Tl-187g
81-Tl-187m2

30

Incident Energy (MeV)

82-Pb-189

MAT 8181

(d,d) α

82-Pb-189

