

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

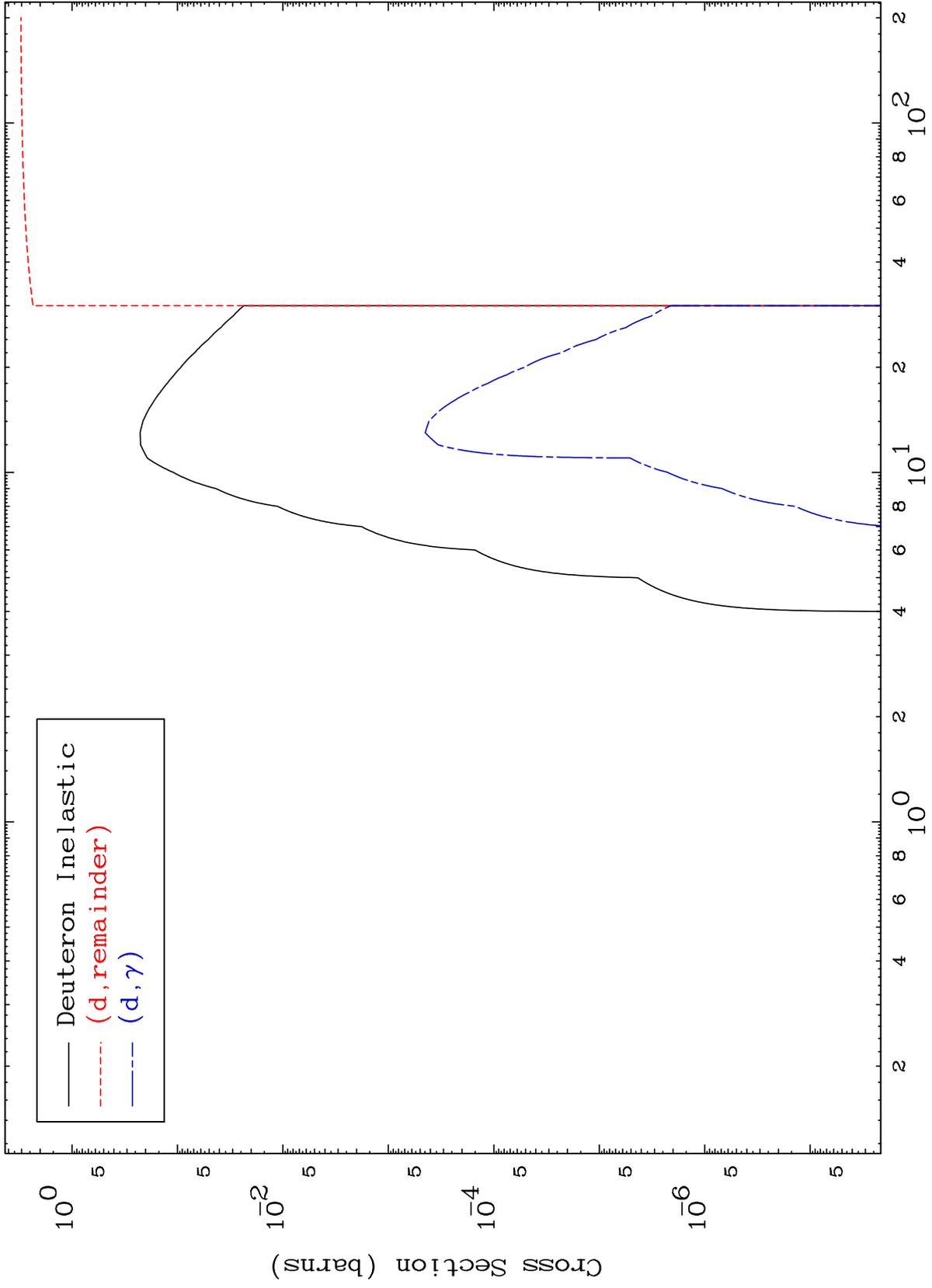
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1466 Hudson Way
Livermore, CA 94550
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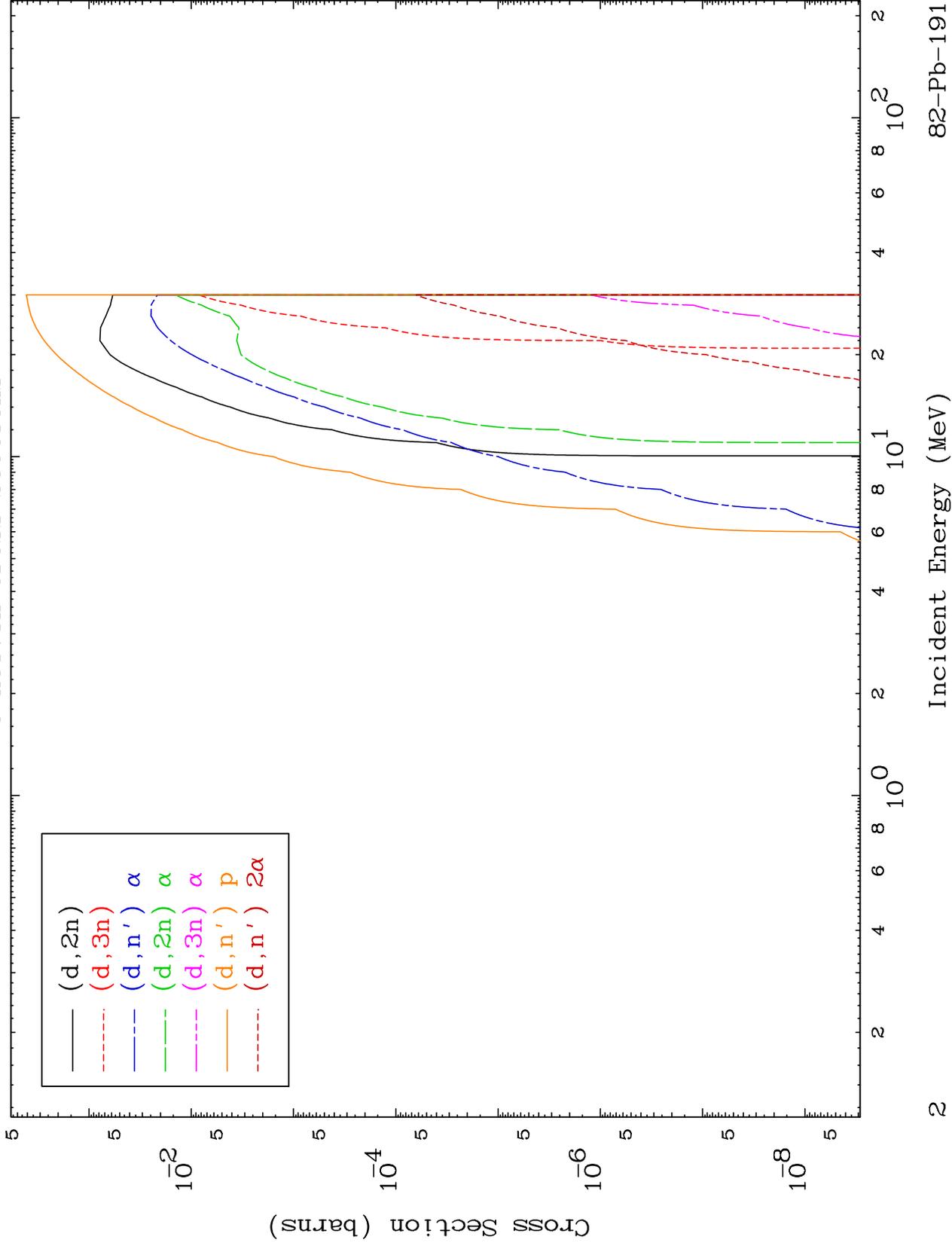
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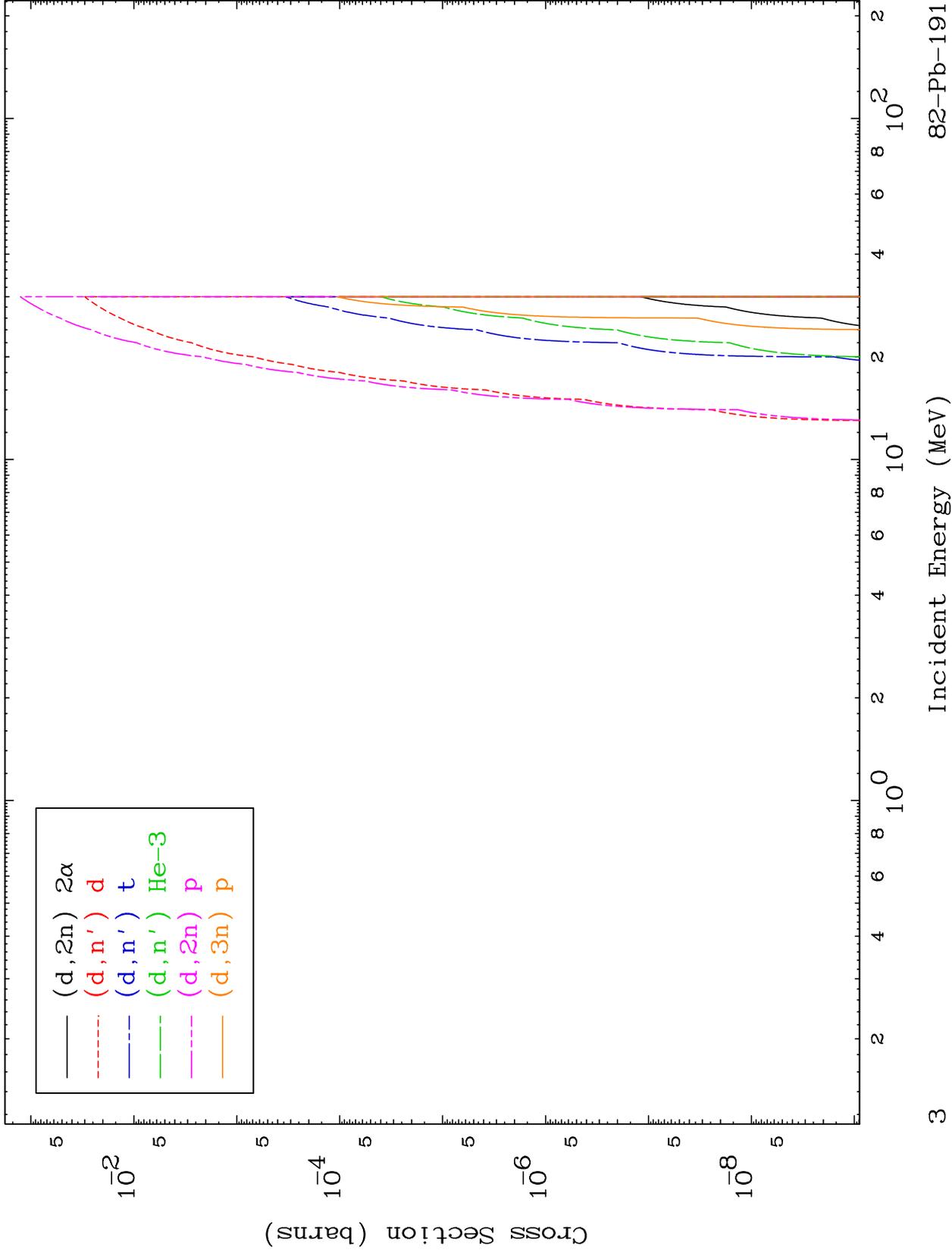
E.Mail:redcullen1@comcast.net

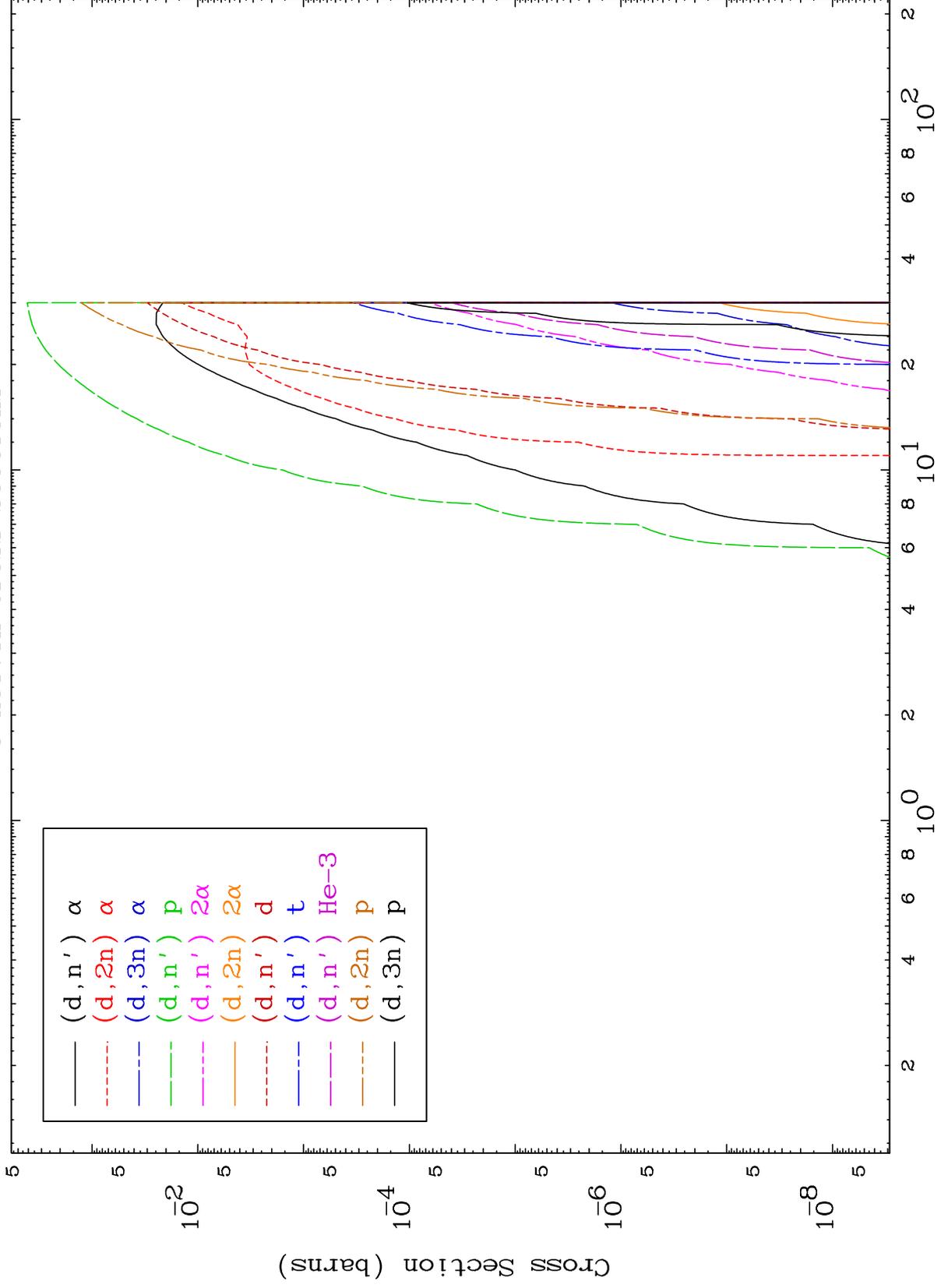
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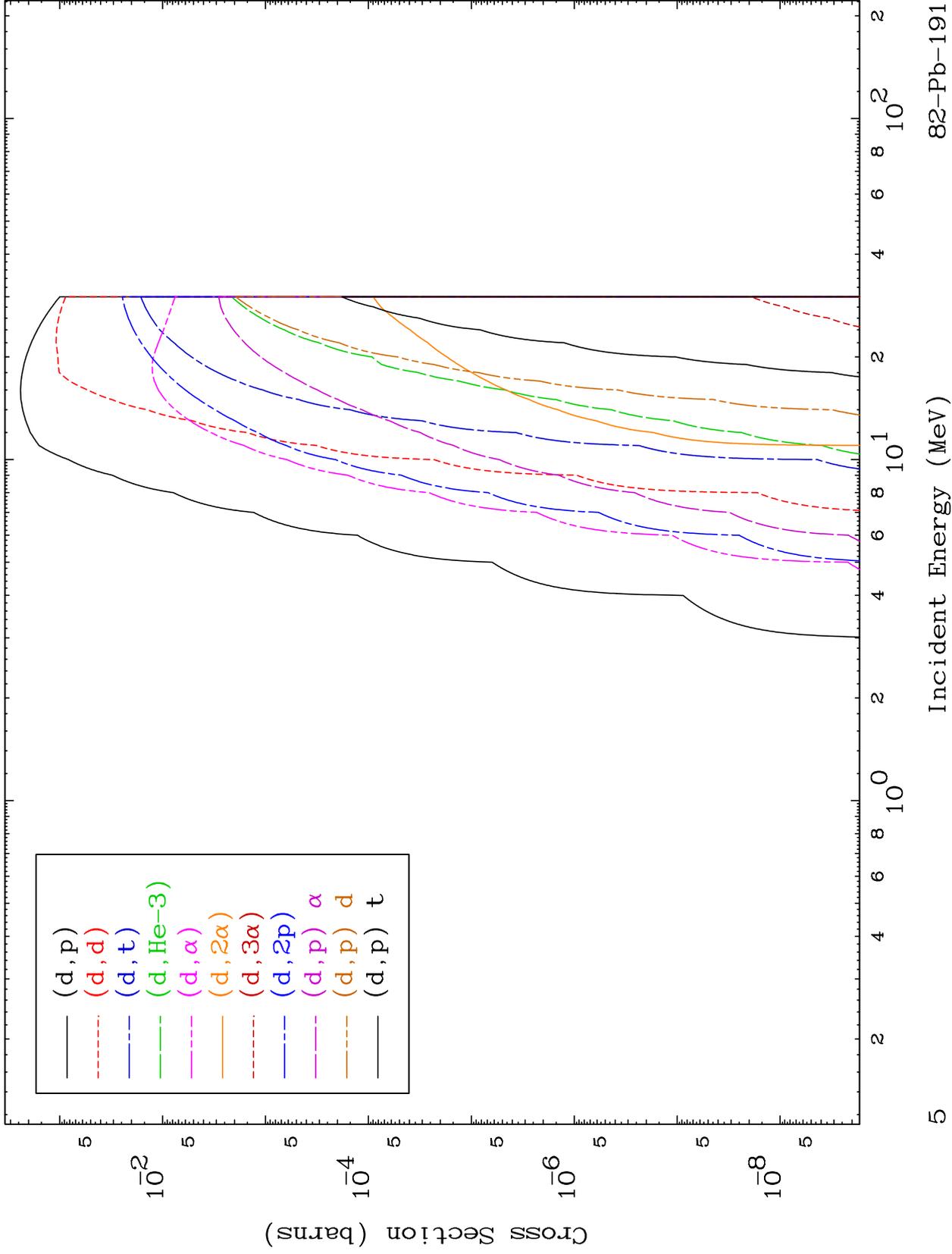
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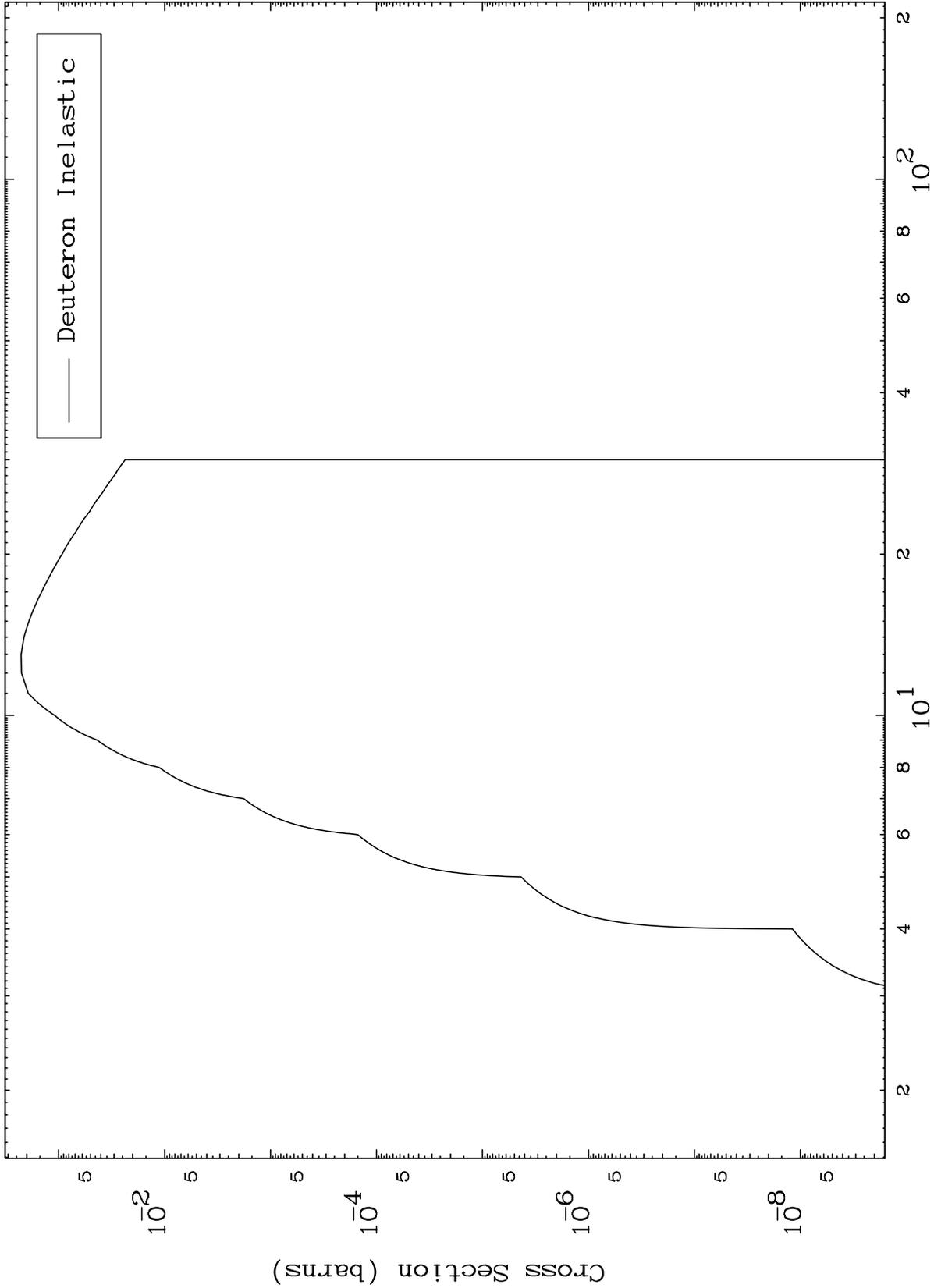




MAT 8187

82-Pb-191

(d,n') Level
0 Kelvin Cross Sections



6

Incident Energy (MeV)

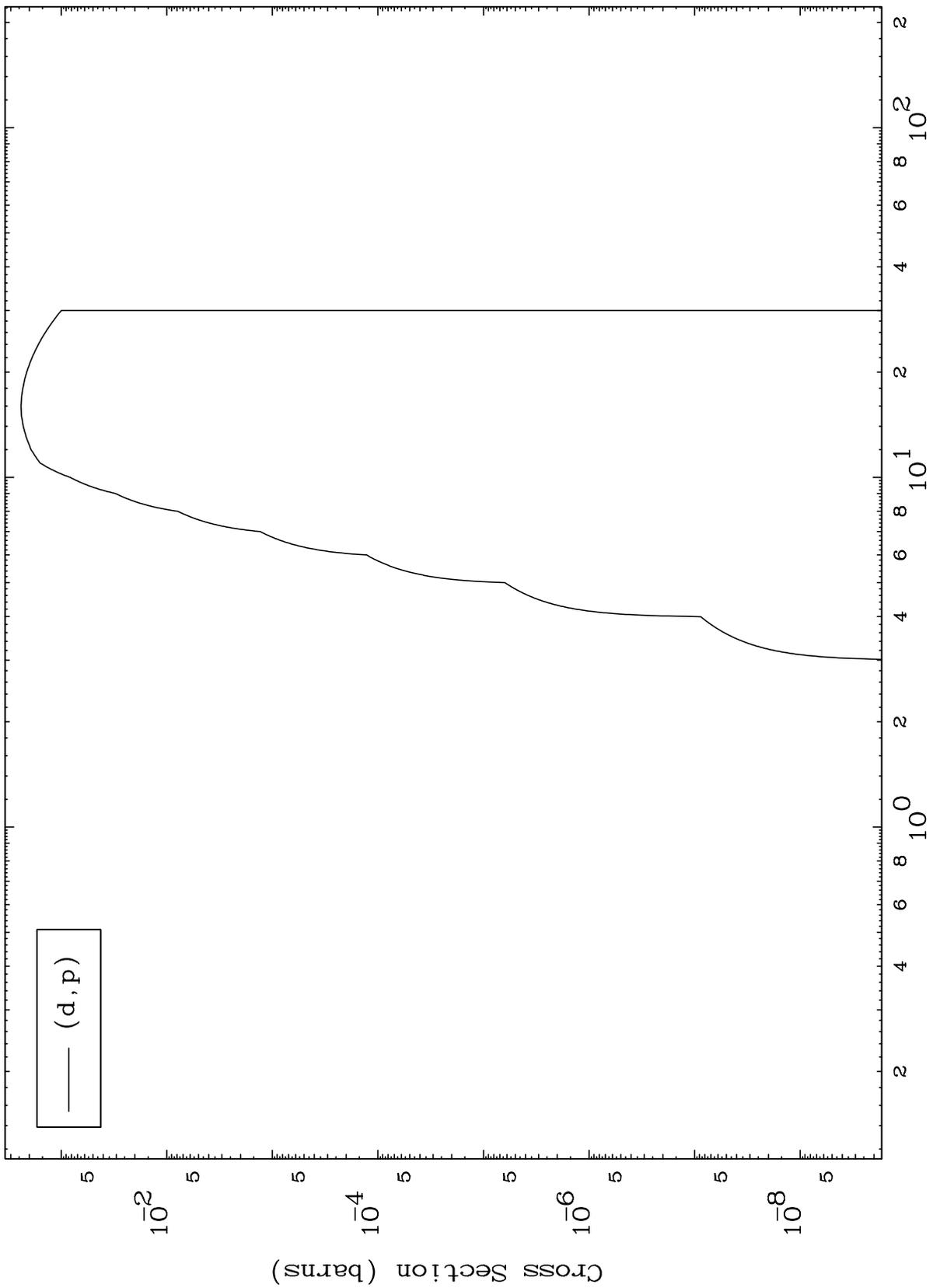
82-Pb-191

MAT 8187

(d,p) Levels

82-Pb-191

0 Kelvin Cross Sections

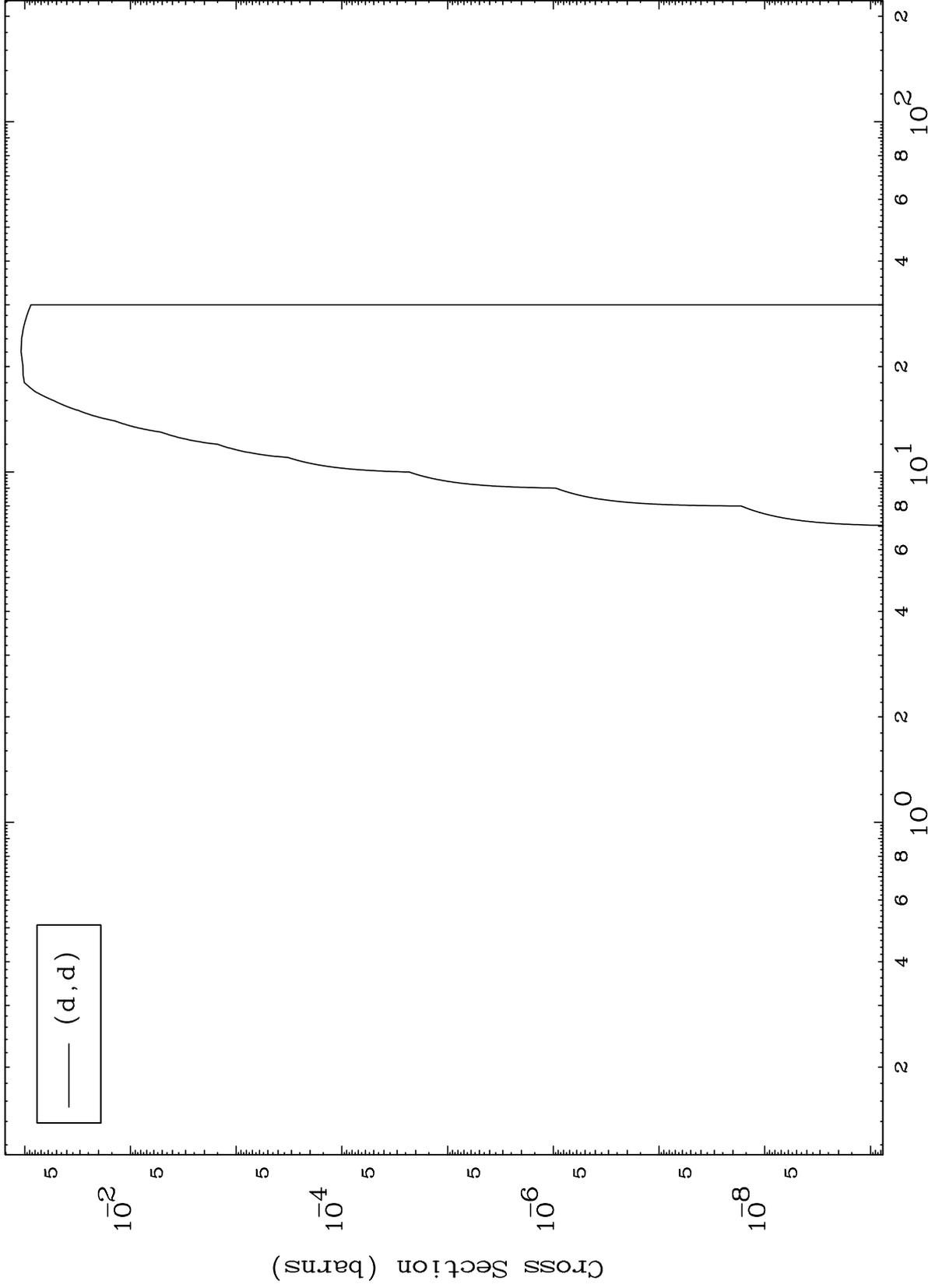


MAT 8187

(d,d) Levels

82-Pb-191

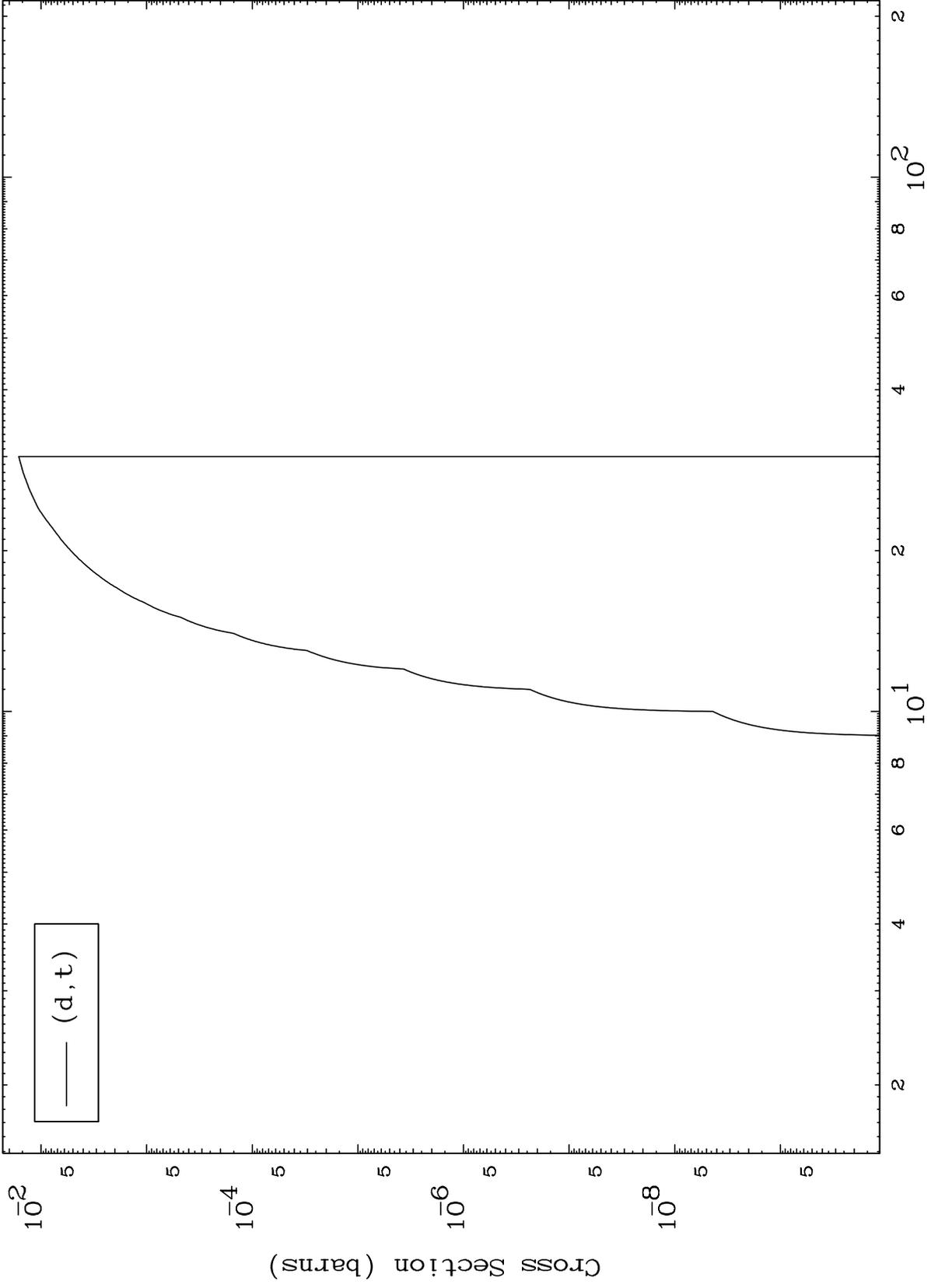
0 Kelvin Cross Sections



MAT 8187

(d,t) Levels
0 Kelvin Cross Sections

82-Pb-191



9

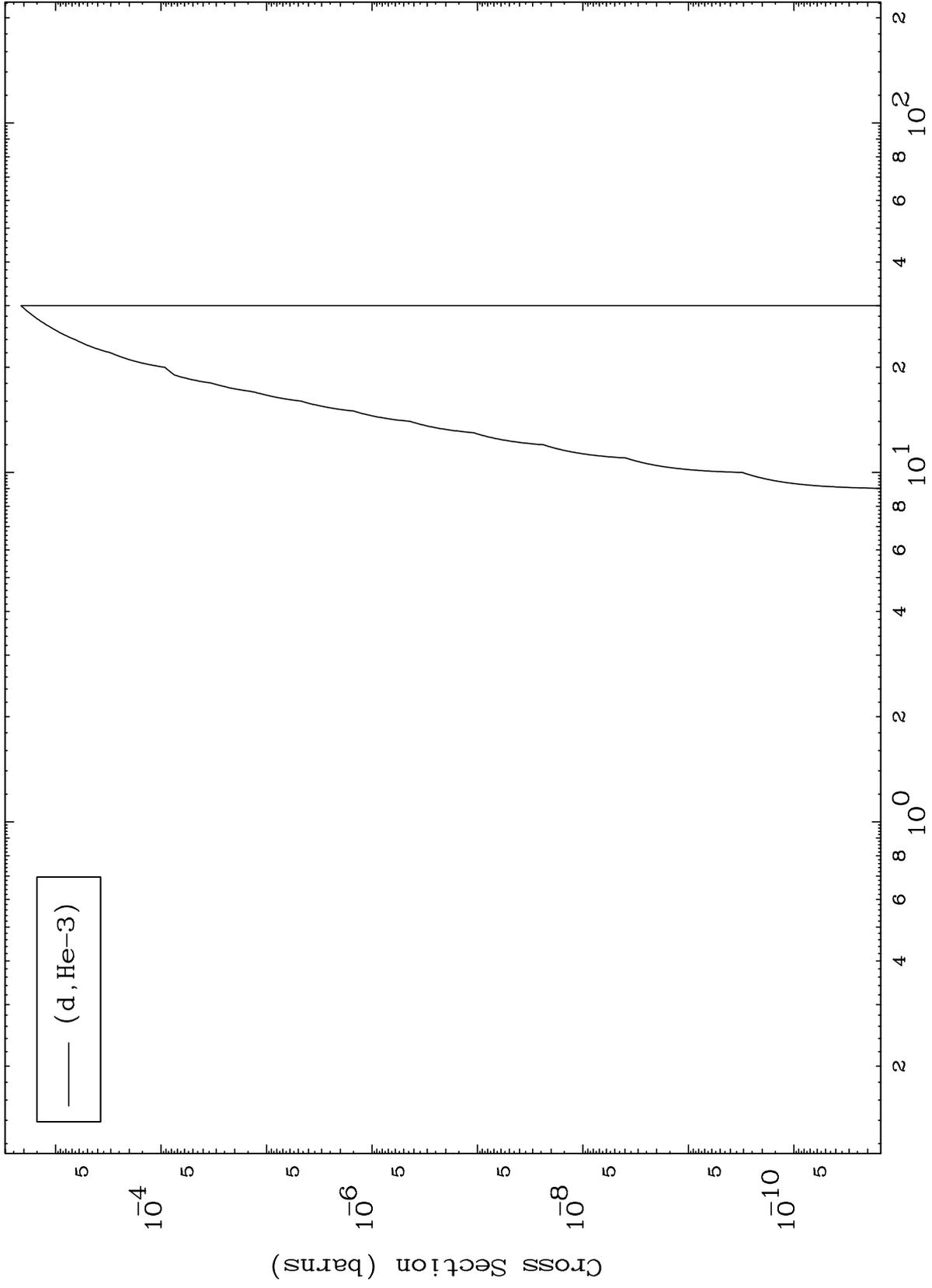
Incident Energy (MeV)

82-Pb-191

MAT 8187

(d,He3) Levels
0 Kelvin Cross Sections

82-Pb-191



10

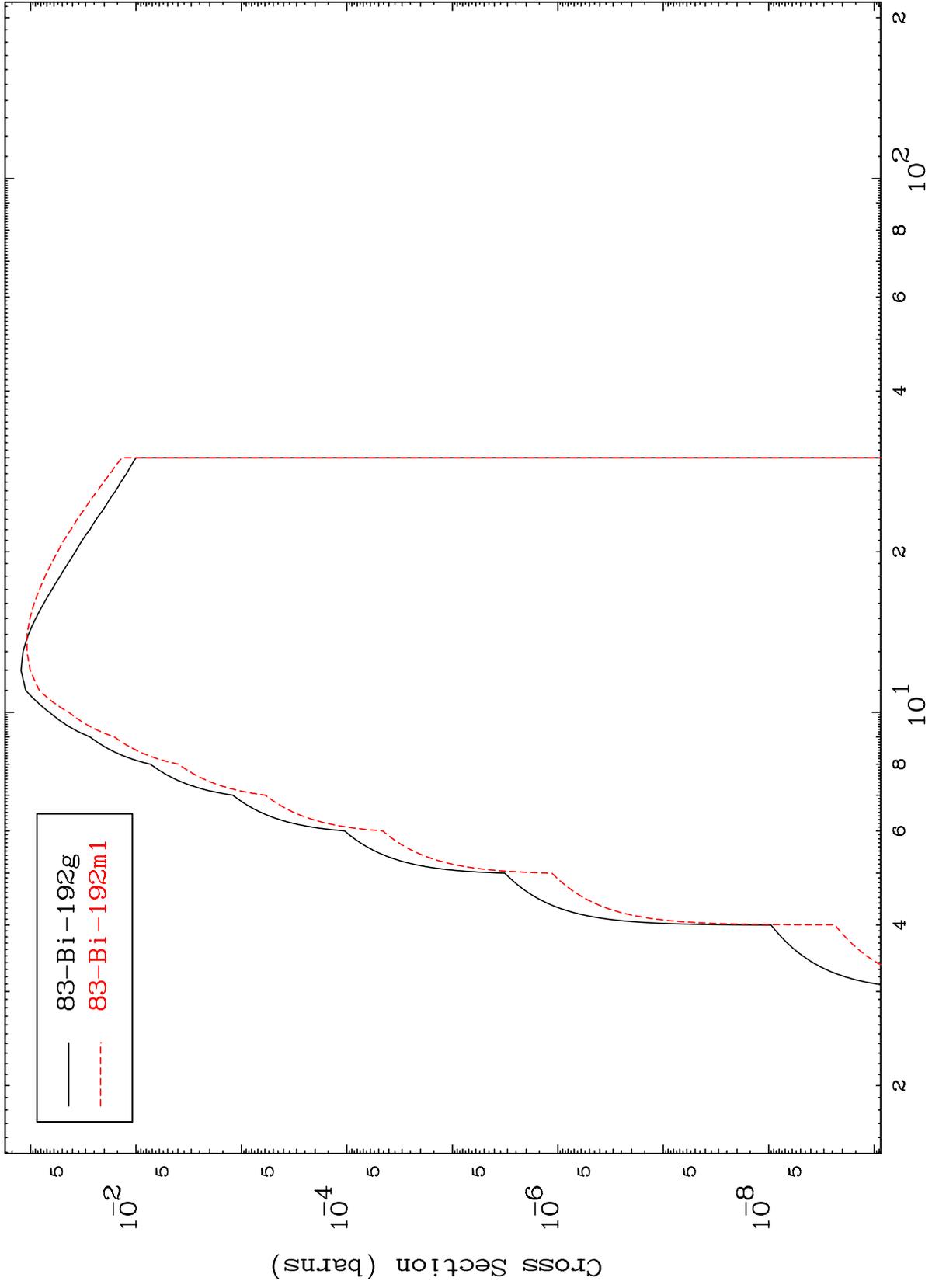
Incident Energy (MeV)

82-Pb-191

MAT 8187

Deuteron Inelastic
Radionuclide Production Cross Section

82-Pb-191



83-Bi-192g
83-Bi-192m1

12

Incident Energy (MeV)

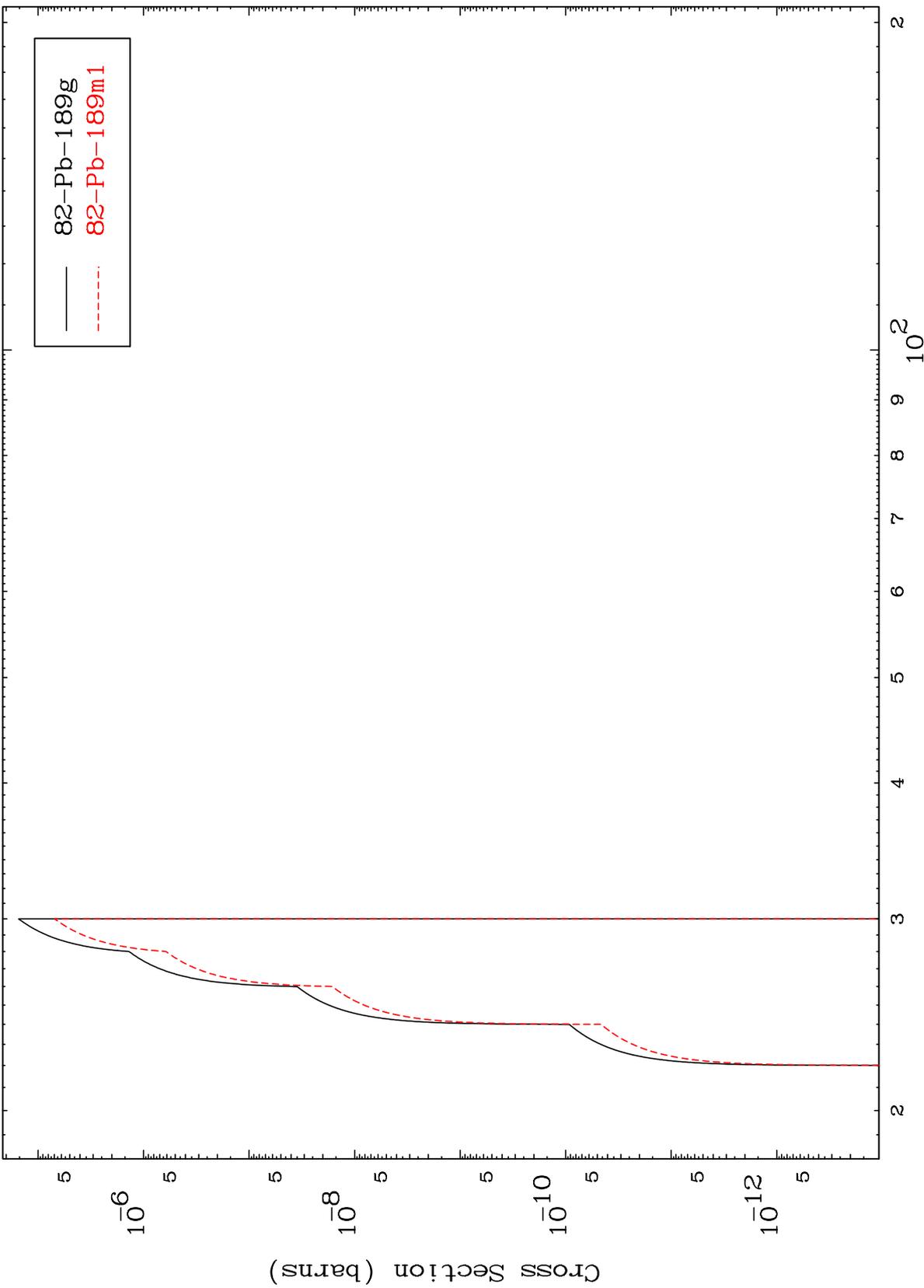
82-Pb-191

MAT 8187

(d,2n) d

82-Pb-191

Radionuclide Production Cross Section



13

Incident Energy (MeV)

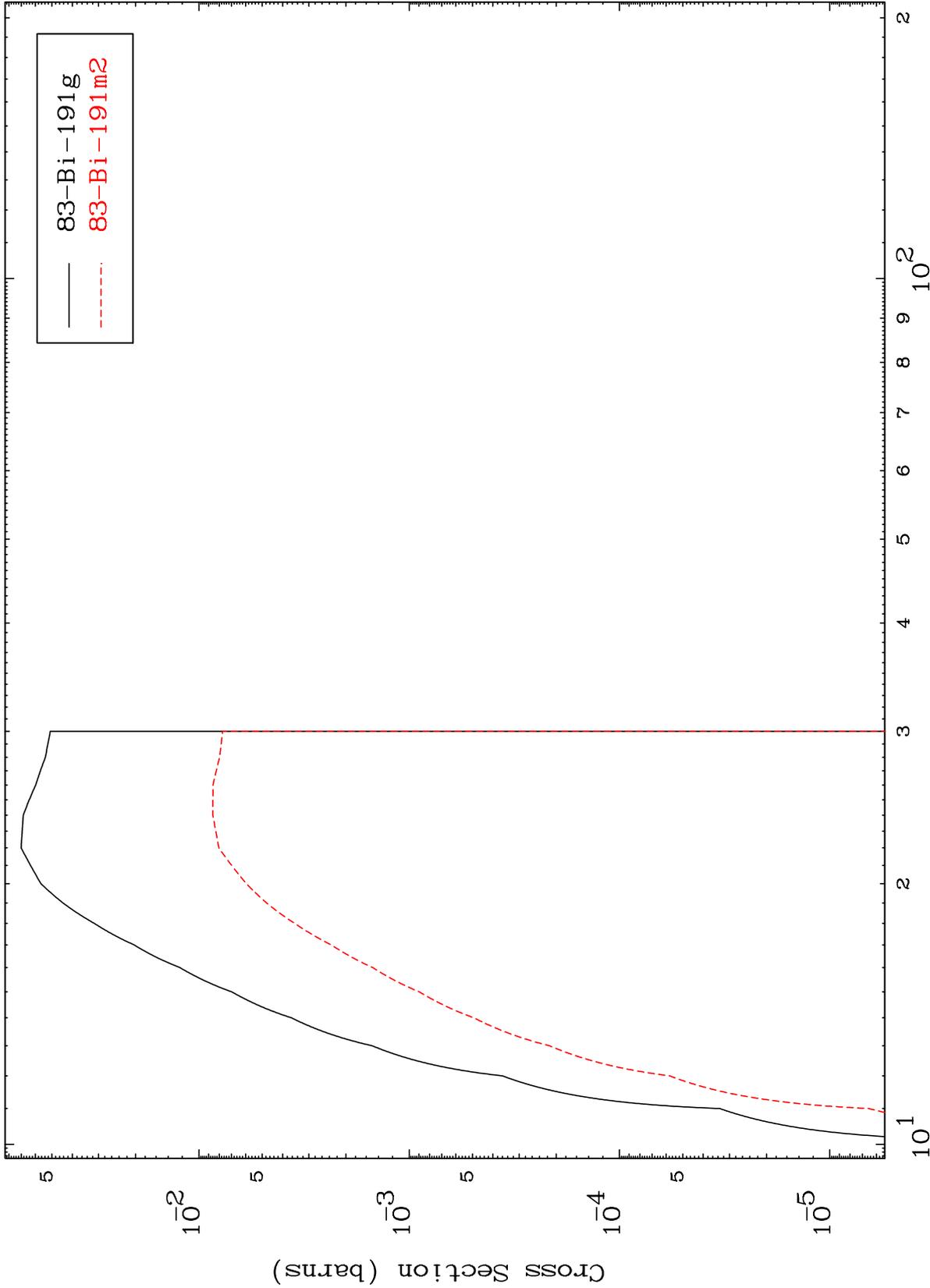
82-Pb-191

MAT 8187

(d,2n)

82-Pb-191

Radionuclide Production Cross Section



14

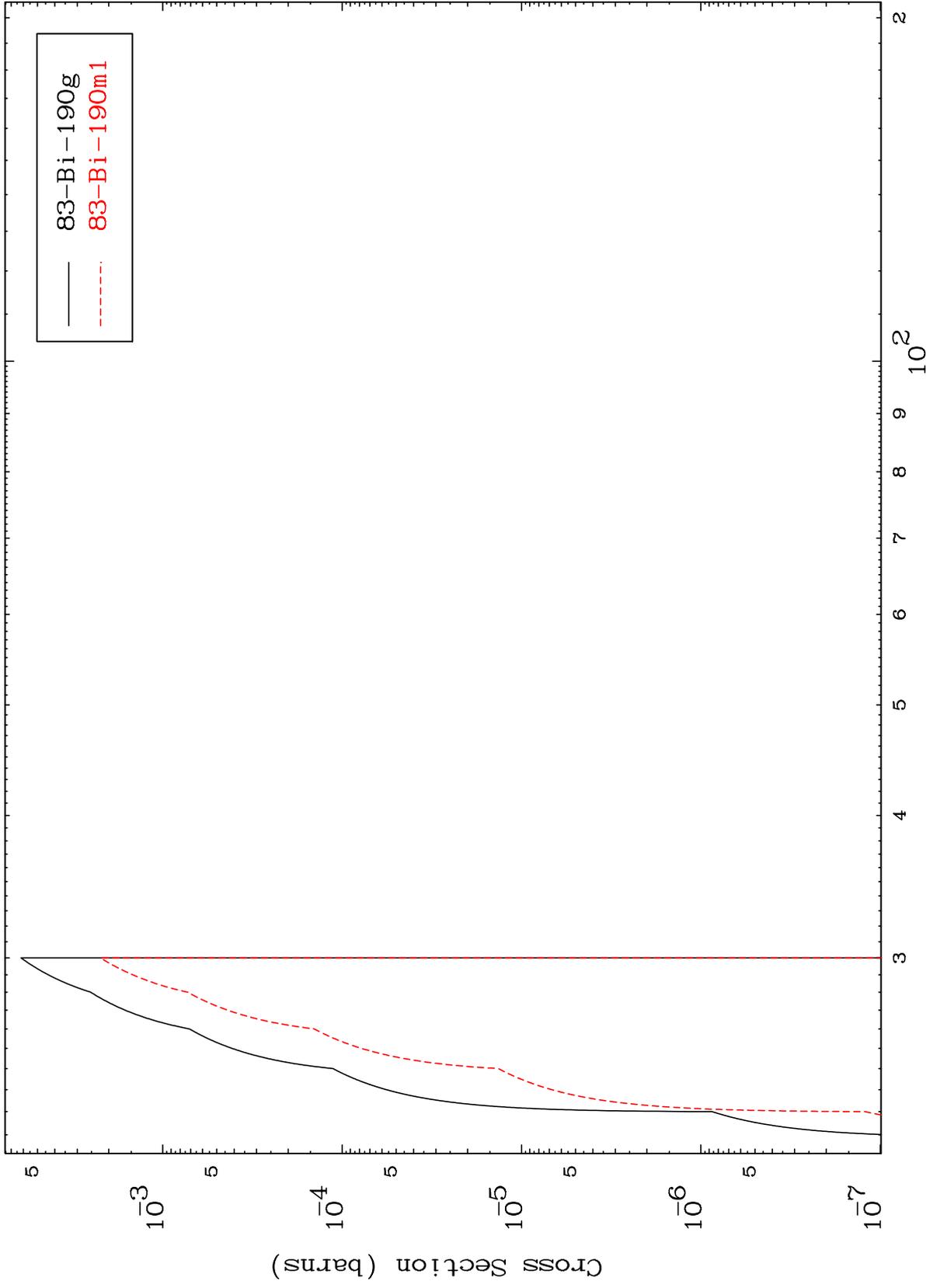
Incident Energy (MeV)

82-Pb-191

MAT 8187

82-Pb-191

(d,3n)
Radionuclide Production Cross Section



82-Pb-191

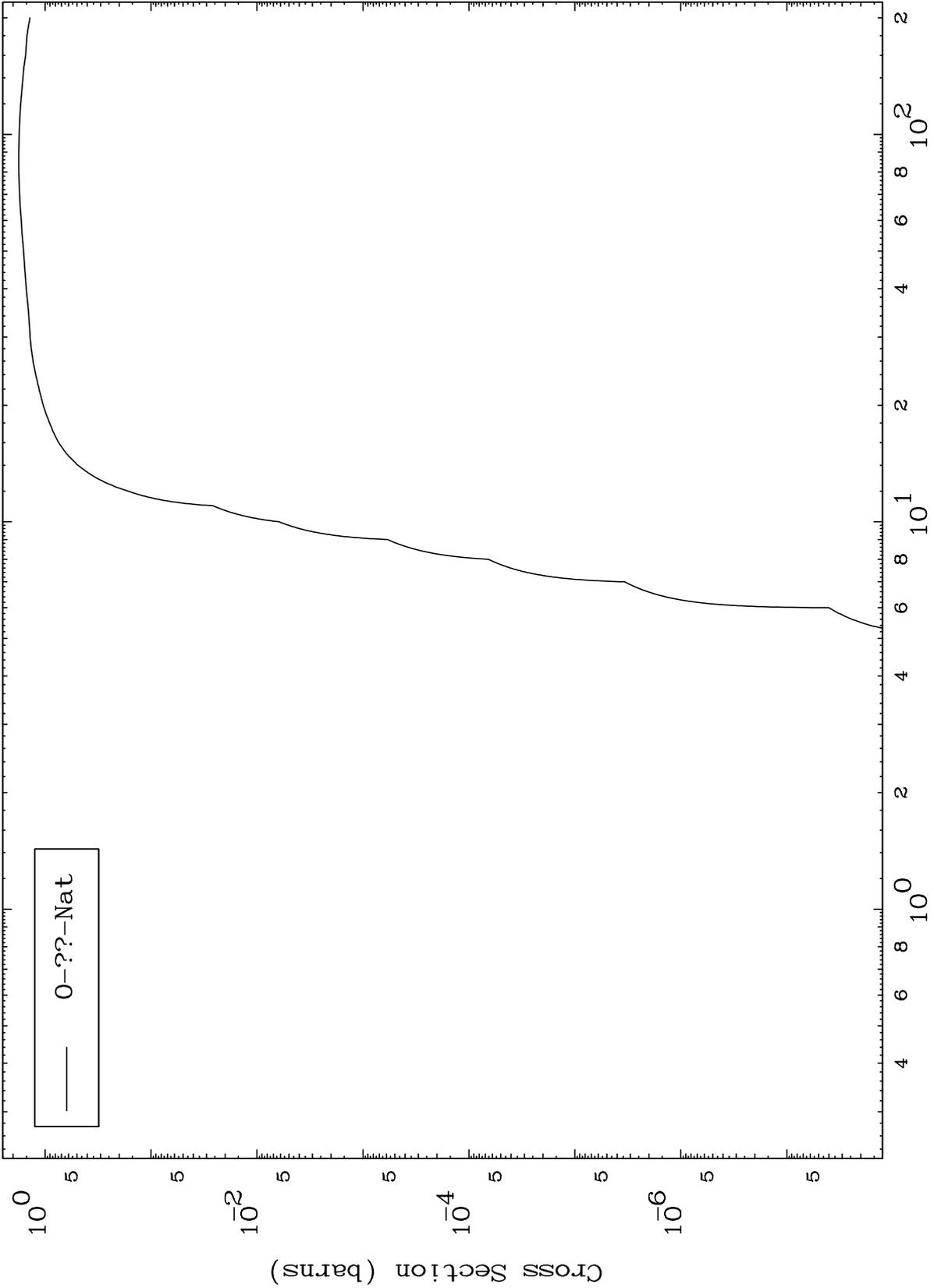
Incident Energy (MeV)

15

MAT 8187

82-Pb-191

Deuteron Fission
Radionuclide Production Cross Section

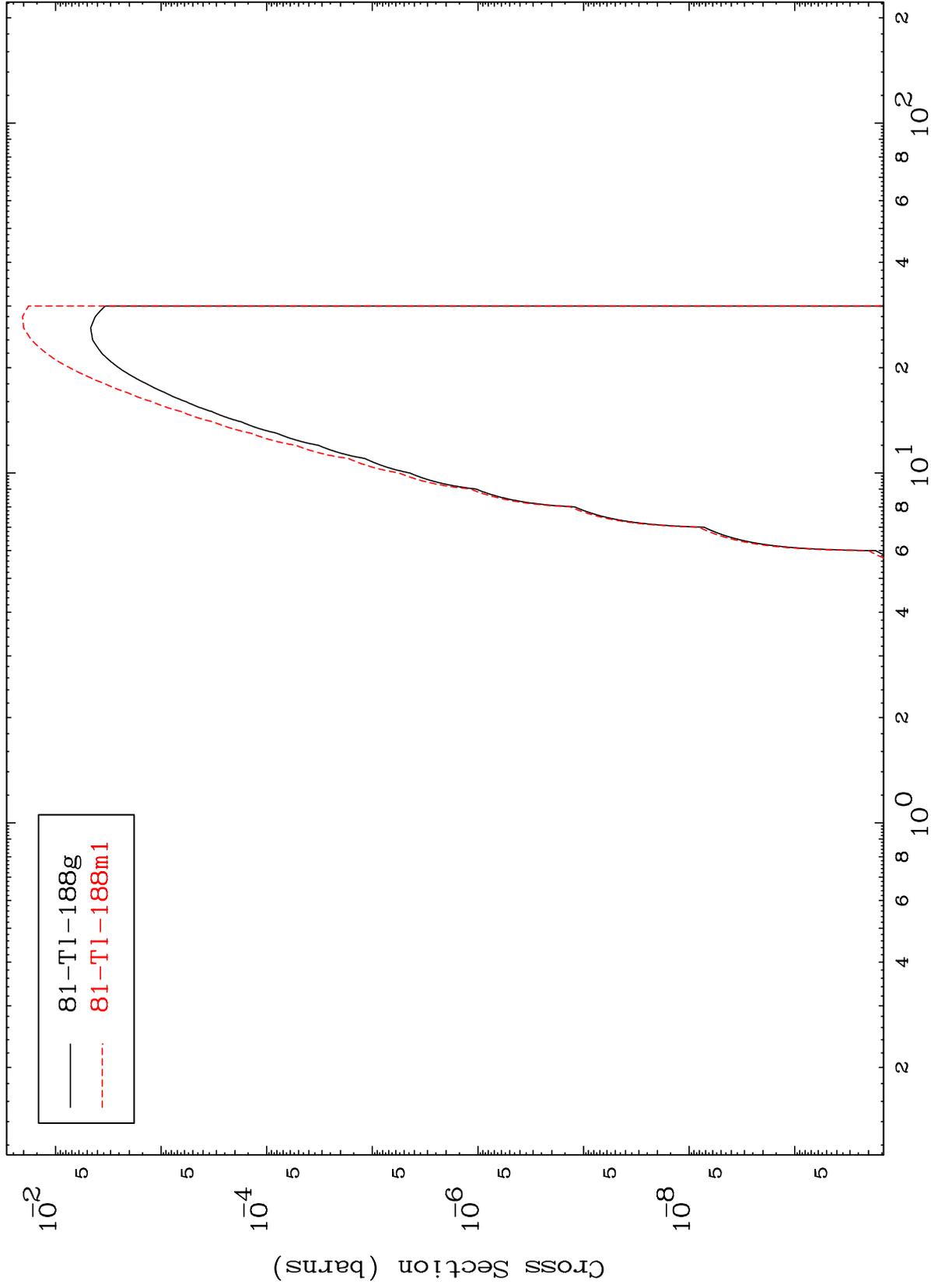


MAT 8187

(d,n') α

82-Pb-191

Radionuclide Production Cross Section



17

Incident Energy (MeV)

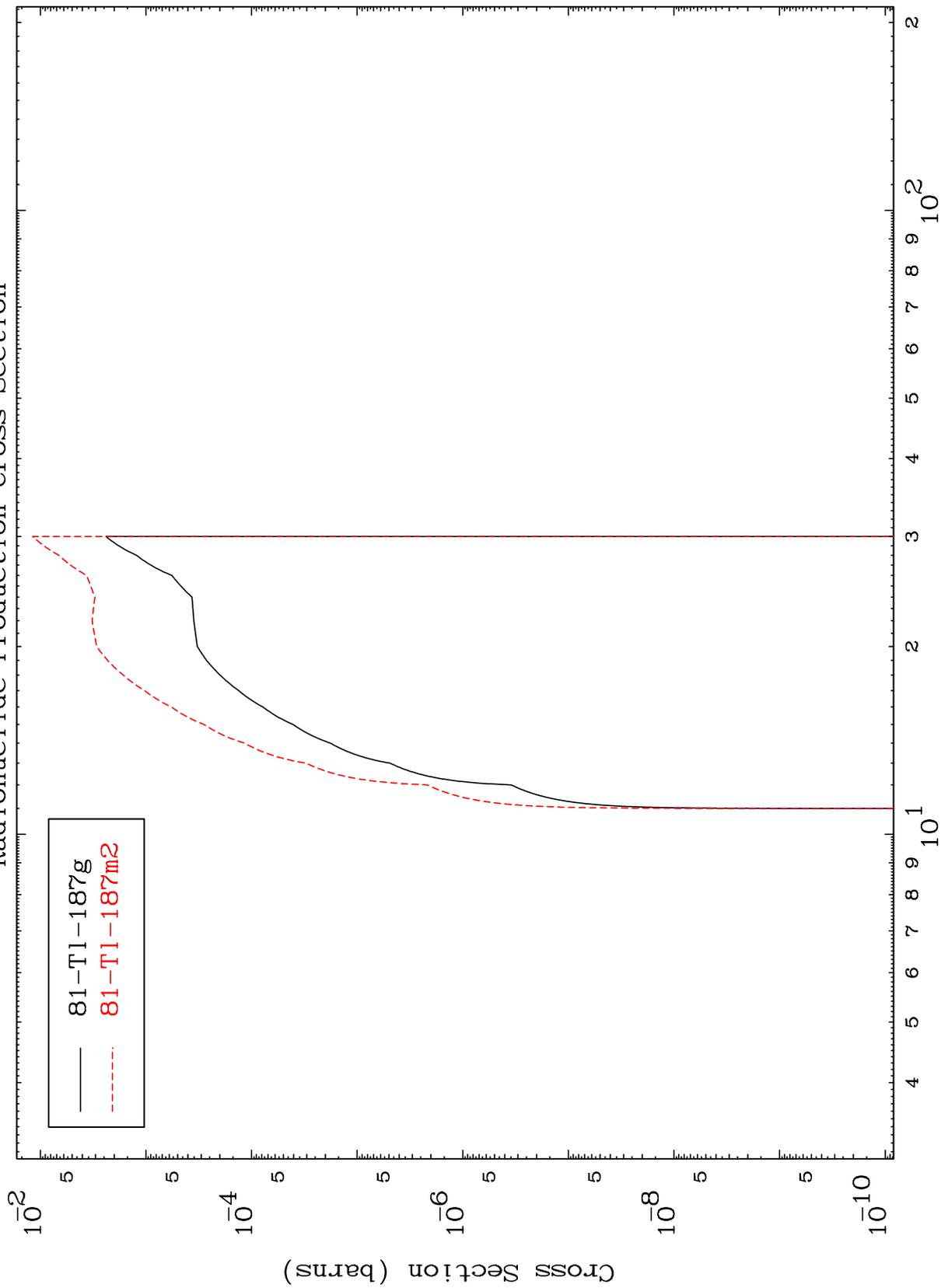
82-Pb-191

MAT 8187

(d,2n) α

82-Pb-191

Radionuclide Production Cross Section



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

18

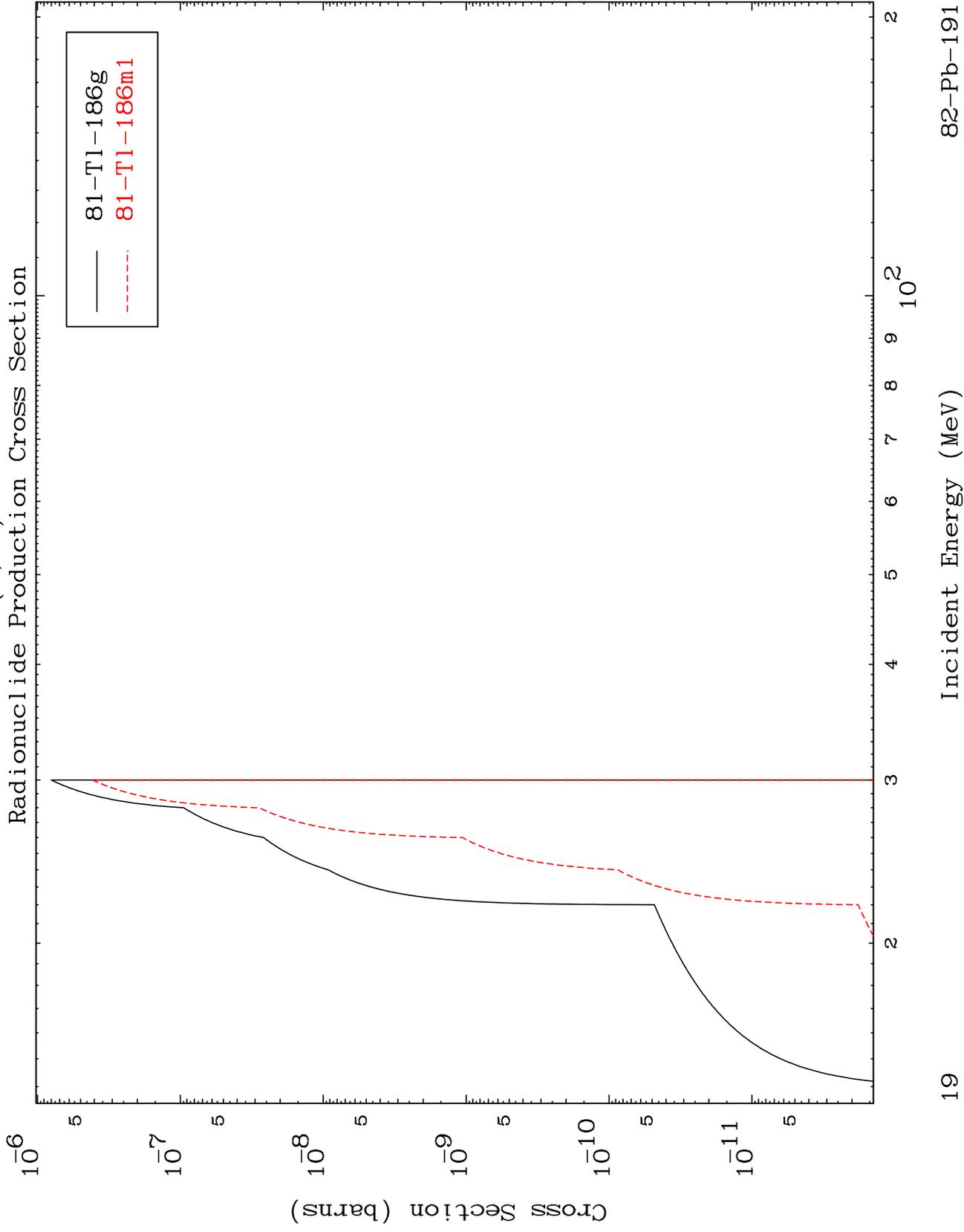
Incident Energy (MeV)

82-Pb-191

MAT 8187

(d,3n) α

82-Pb-191

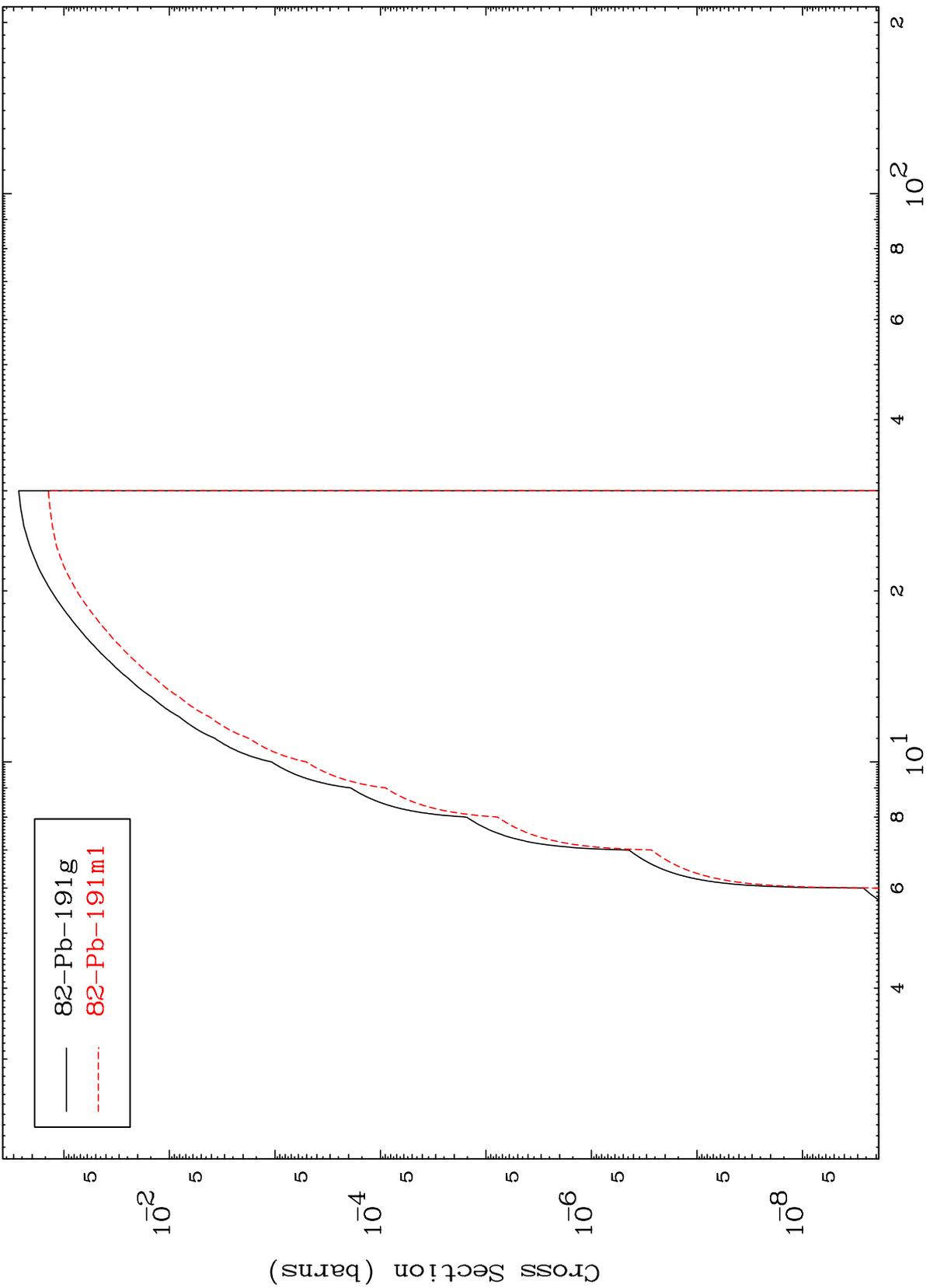


19

MAT 8187

82-Pb-191

(d,n') p
Radionuclide Production Cross Section



20

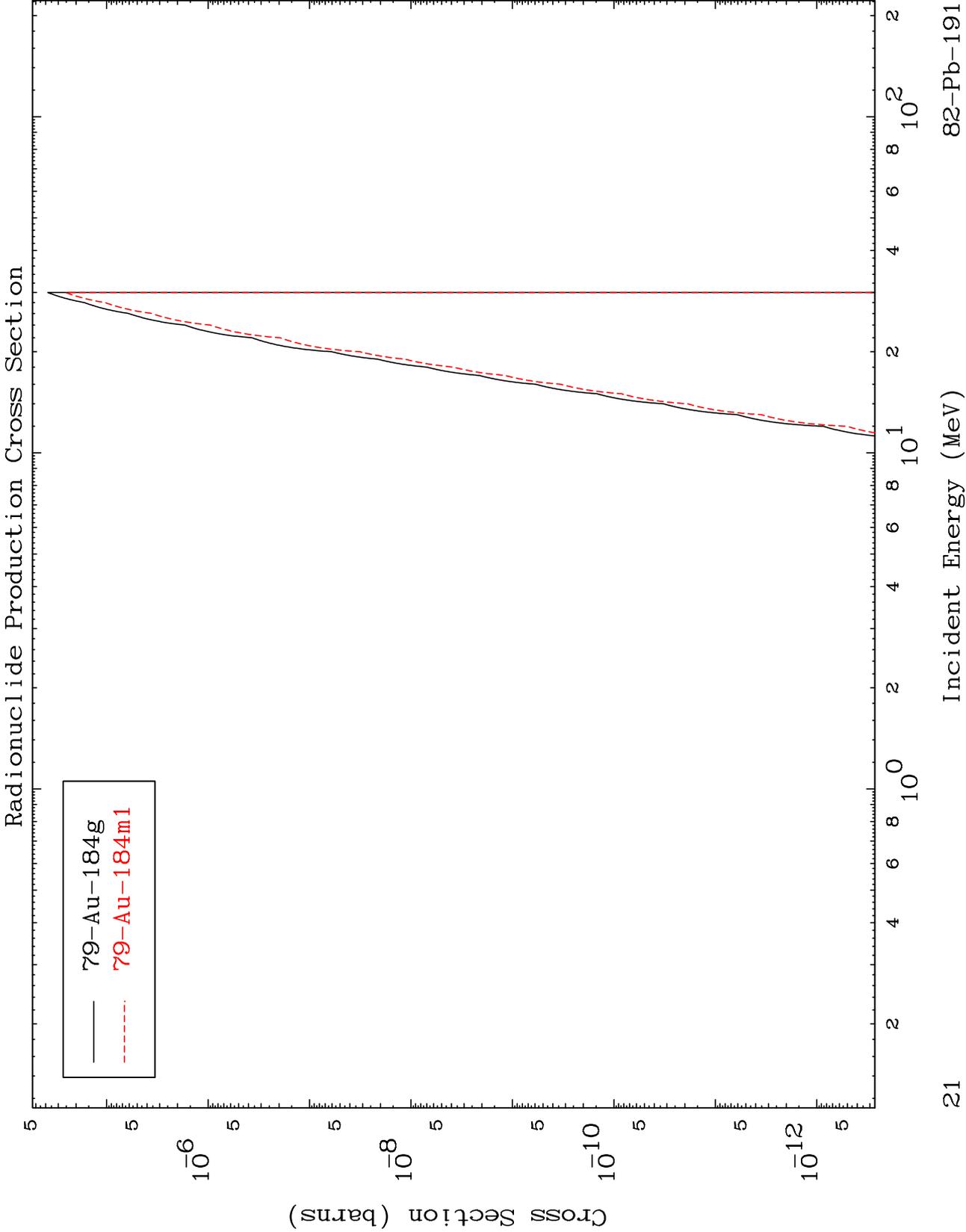
82-Pb-191

Incident Energy (MeV)

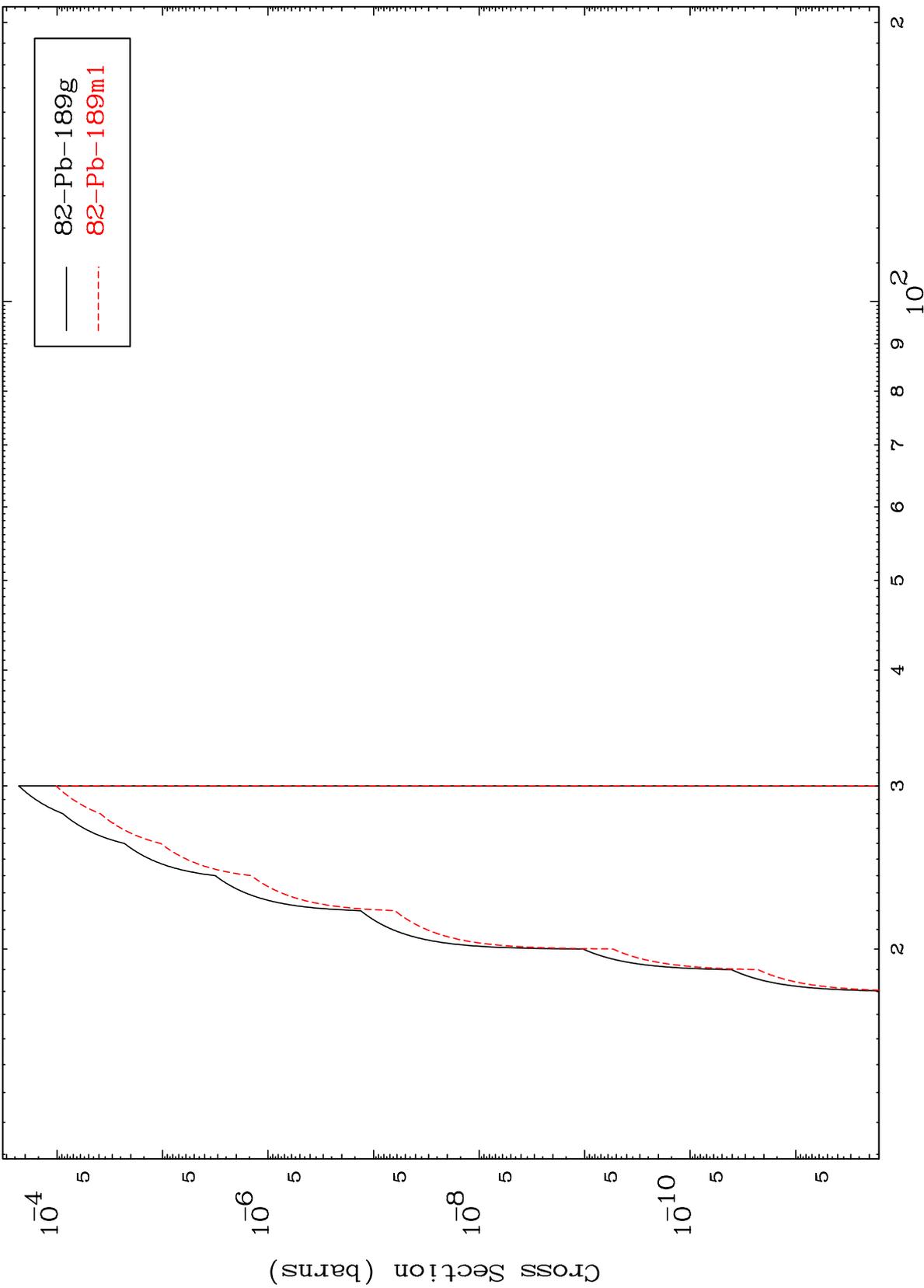
MAT 8187

(d,n') 2 α

82-Pb-191



Radionuclide Production Cross Section

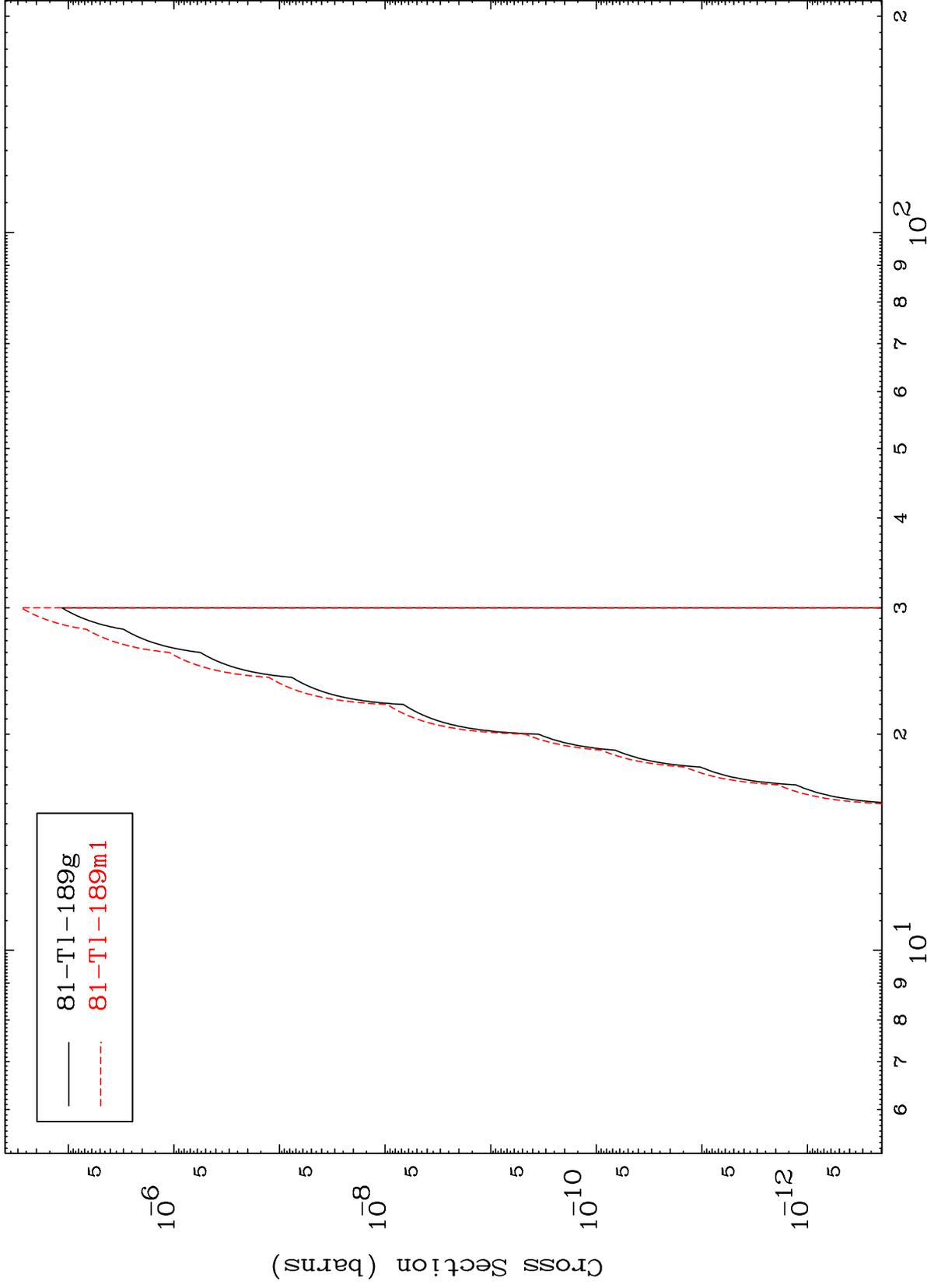


MAT 8187

(d,n') He-3

82-Pb-191

Radionuclide Production Cross Section



23

Incident Energy (MeV)

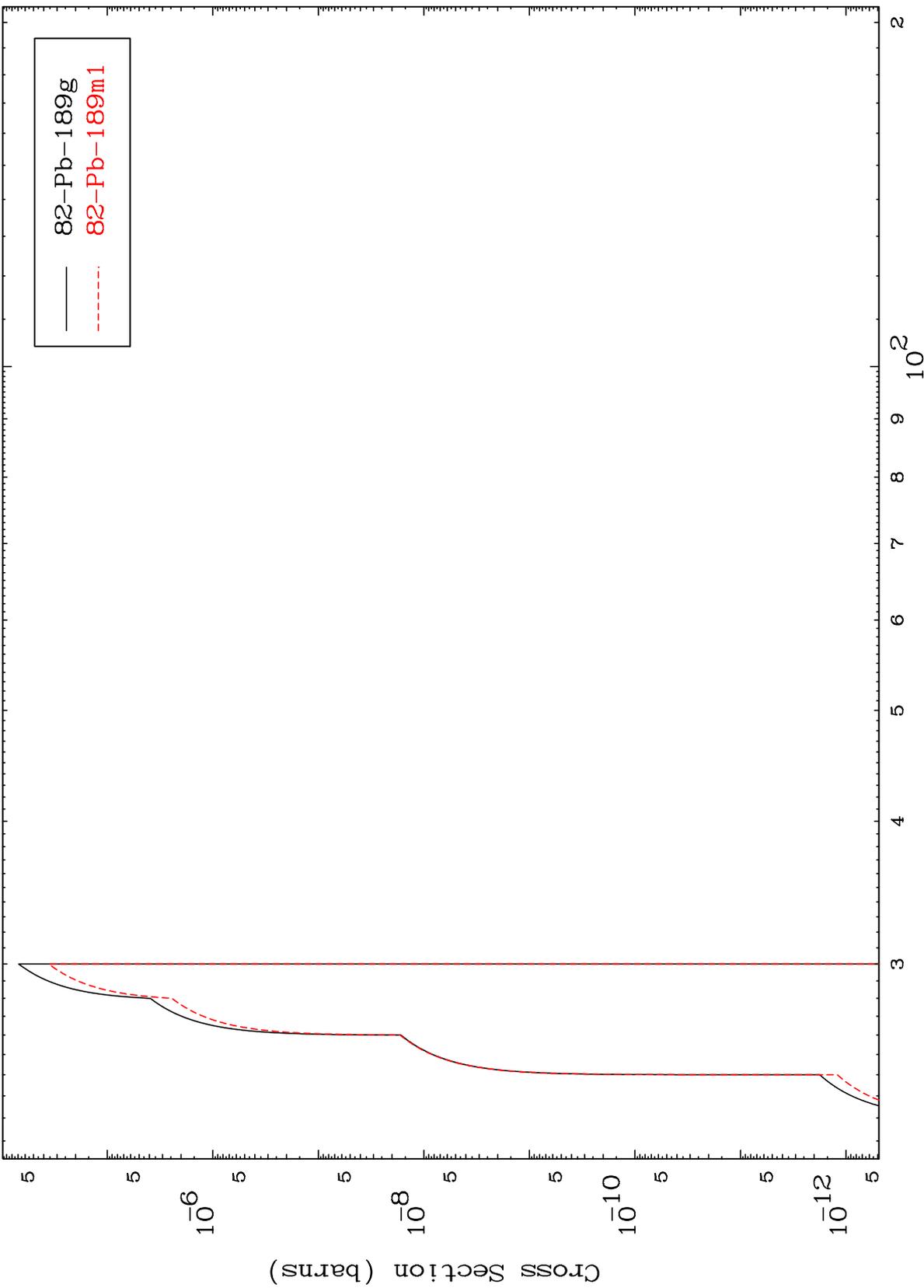
82-Pb-191

MAT 8187

(d,3n) p

82-Pb-191

Radionuclide Production Cross Section



24

Incident Energy (MeV)

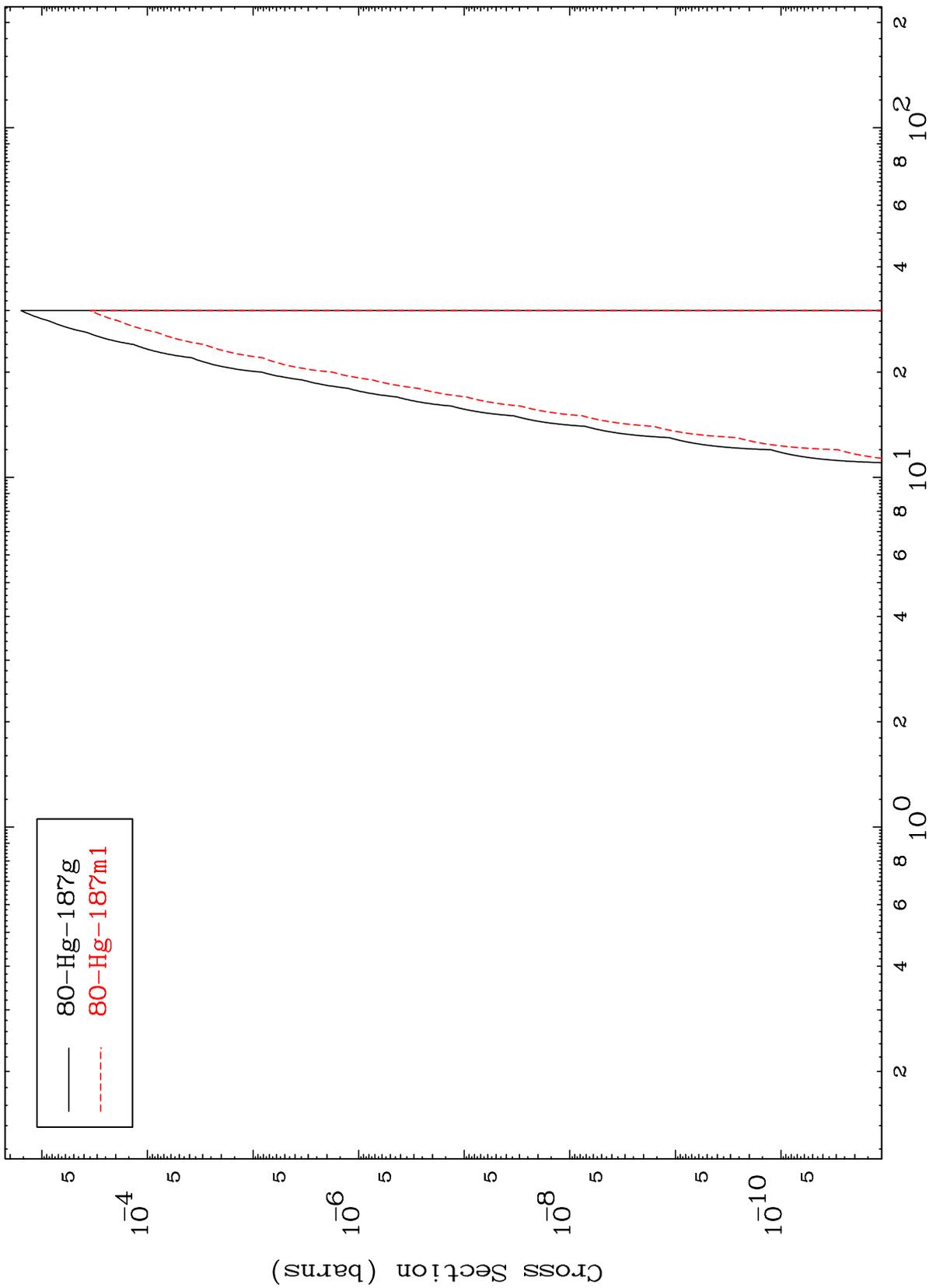
82-Pb-191

MAT 8187

(d,n') p α

82-Pb-191

Radionuclide Production Cross Section



80-Hg-187g
80-Hg-187m1

25

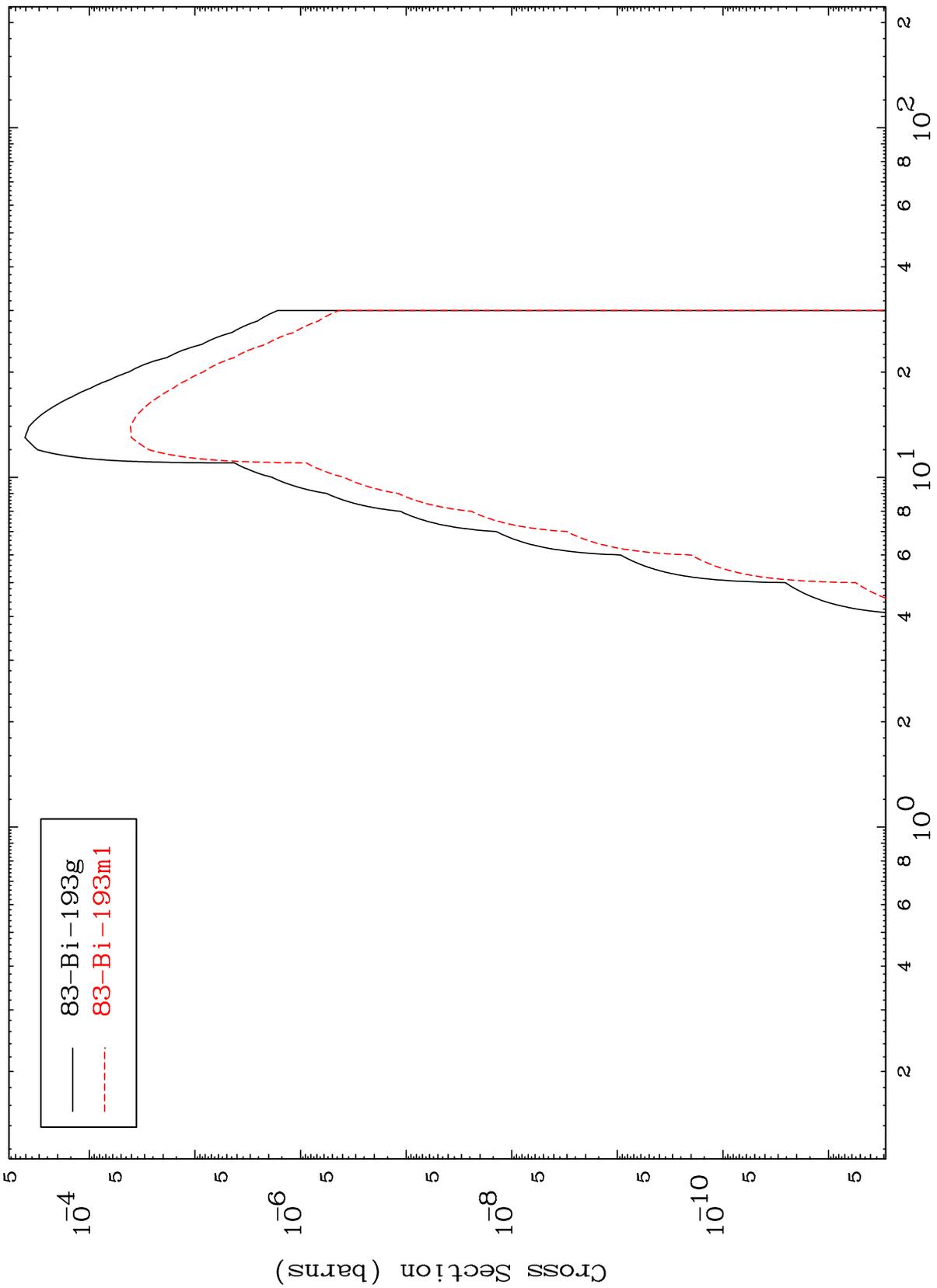
Incident Energy (MeV)

82-Pb-191

MAT 8187

82-Pb-191

(d, γ)
Radionuclide Production Cross Section



— 83-Bi-193g
- - - 83-Bi-193m1

82-Pb-191

Incident Energy (MeV)

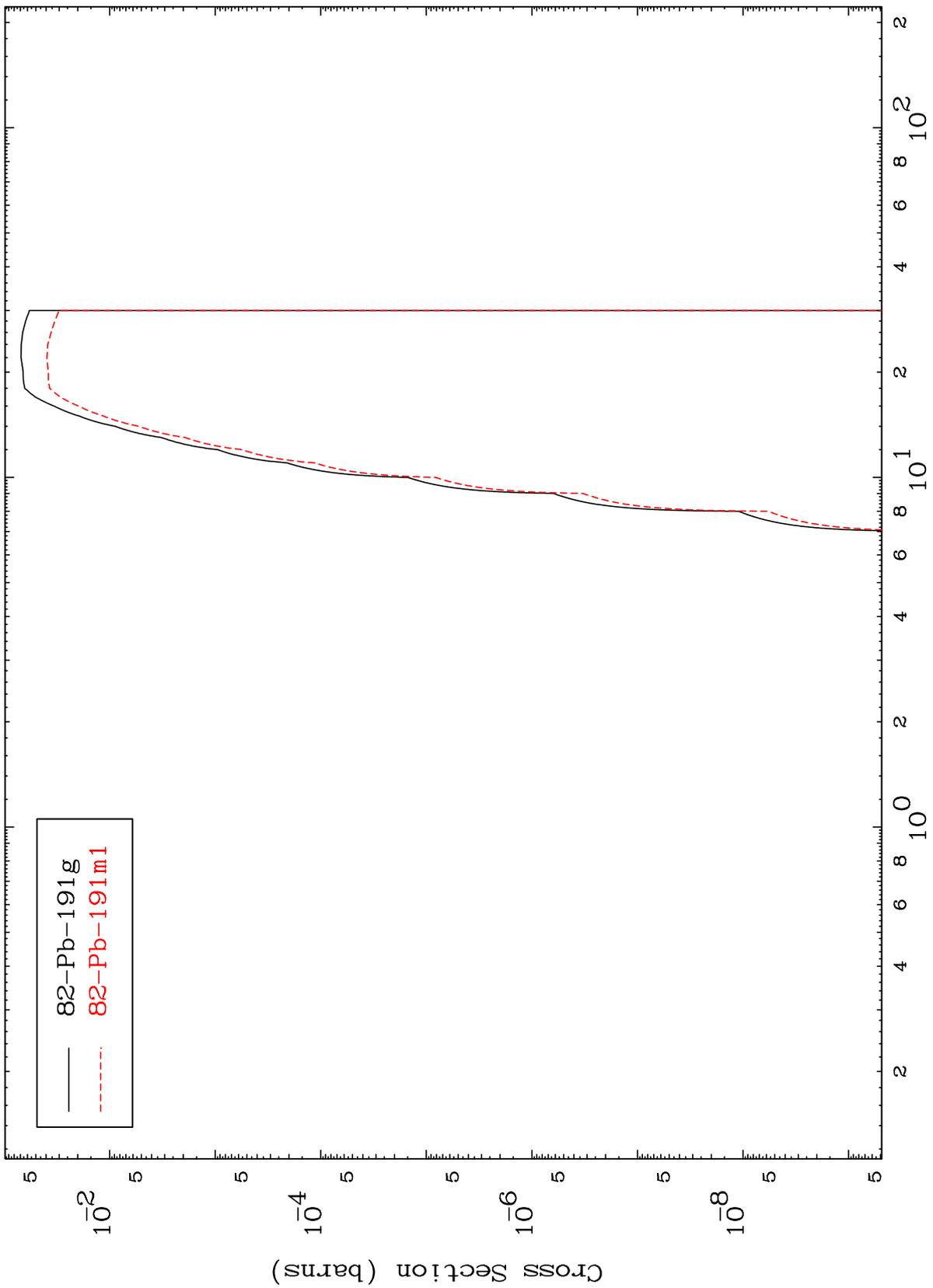
26

MAT 8187

(d,d)

82-Pb-191

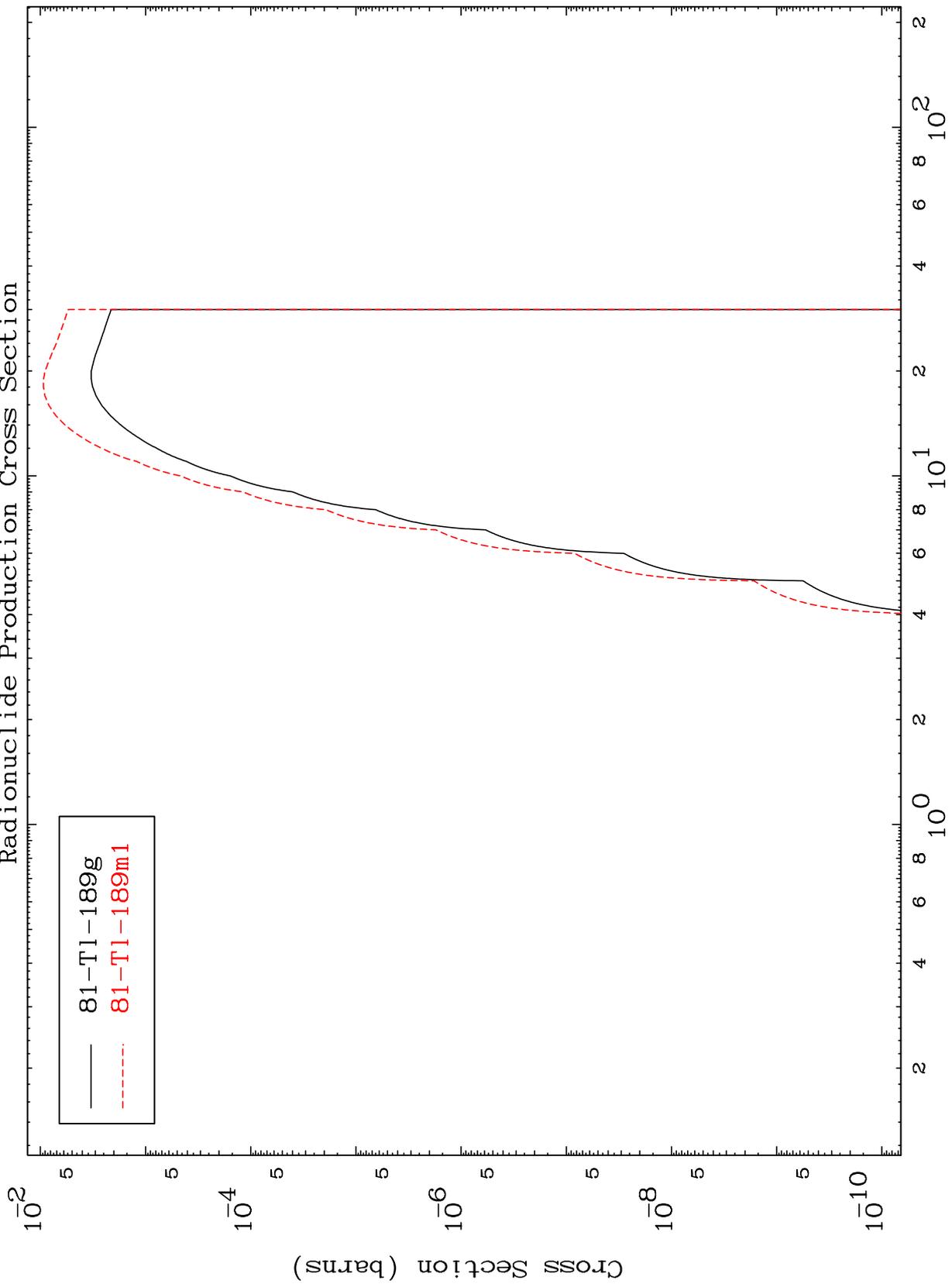
Radionuclide Production Cross Section



MAT 8187

82-Pb-191

Radionuclide Production Cross Section
(d, α)



81-Tl-189g
81-Tl-189m1

82-Pb-191

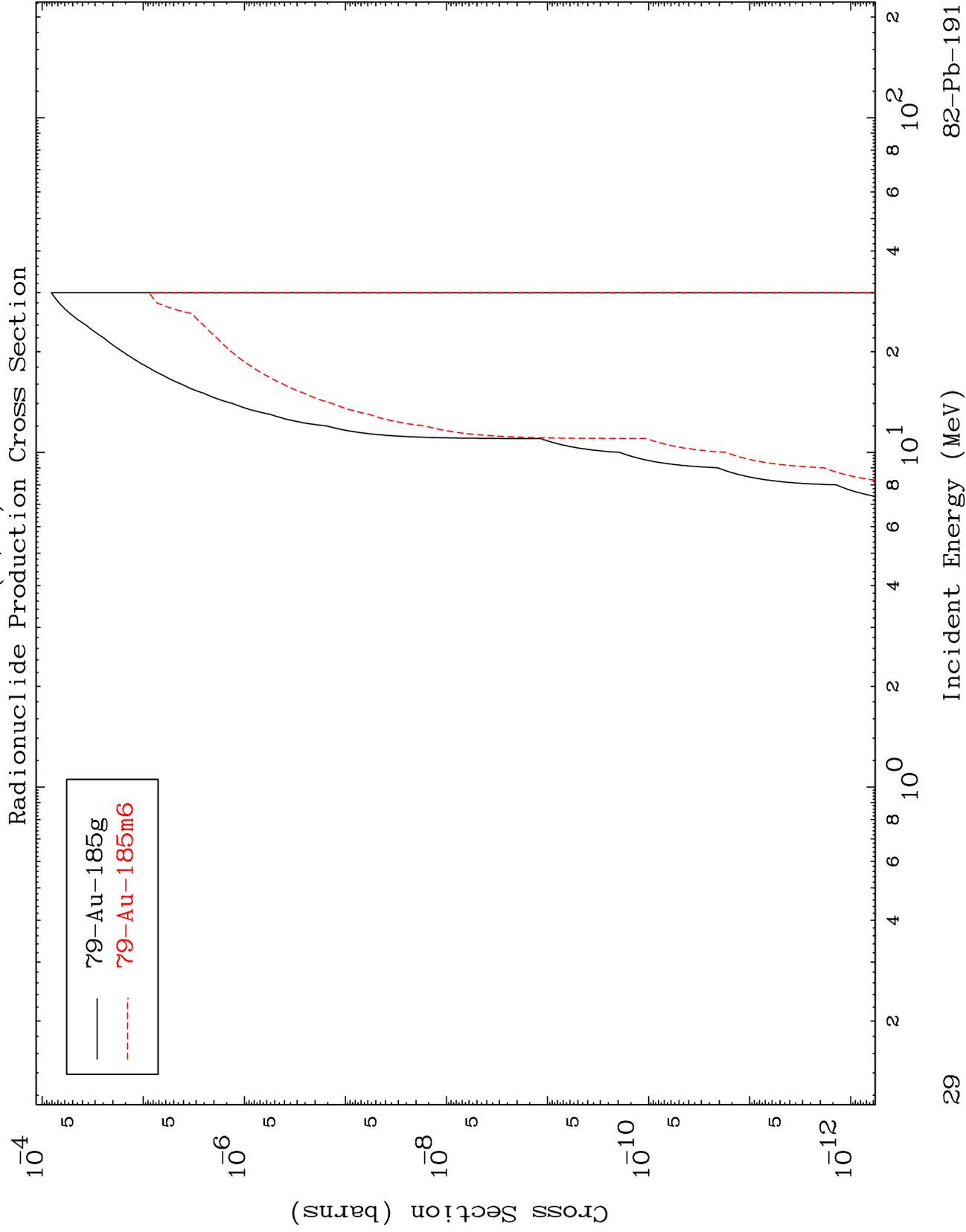
Incident Energy (MeV)

28

MAT 8187

(d,2 α)

82-Pb-191



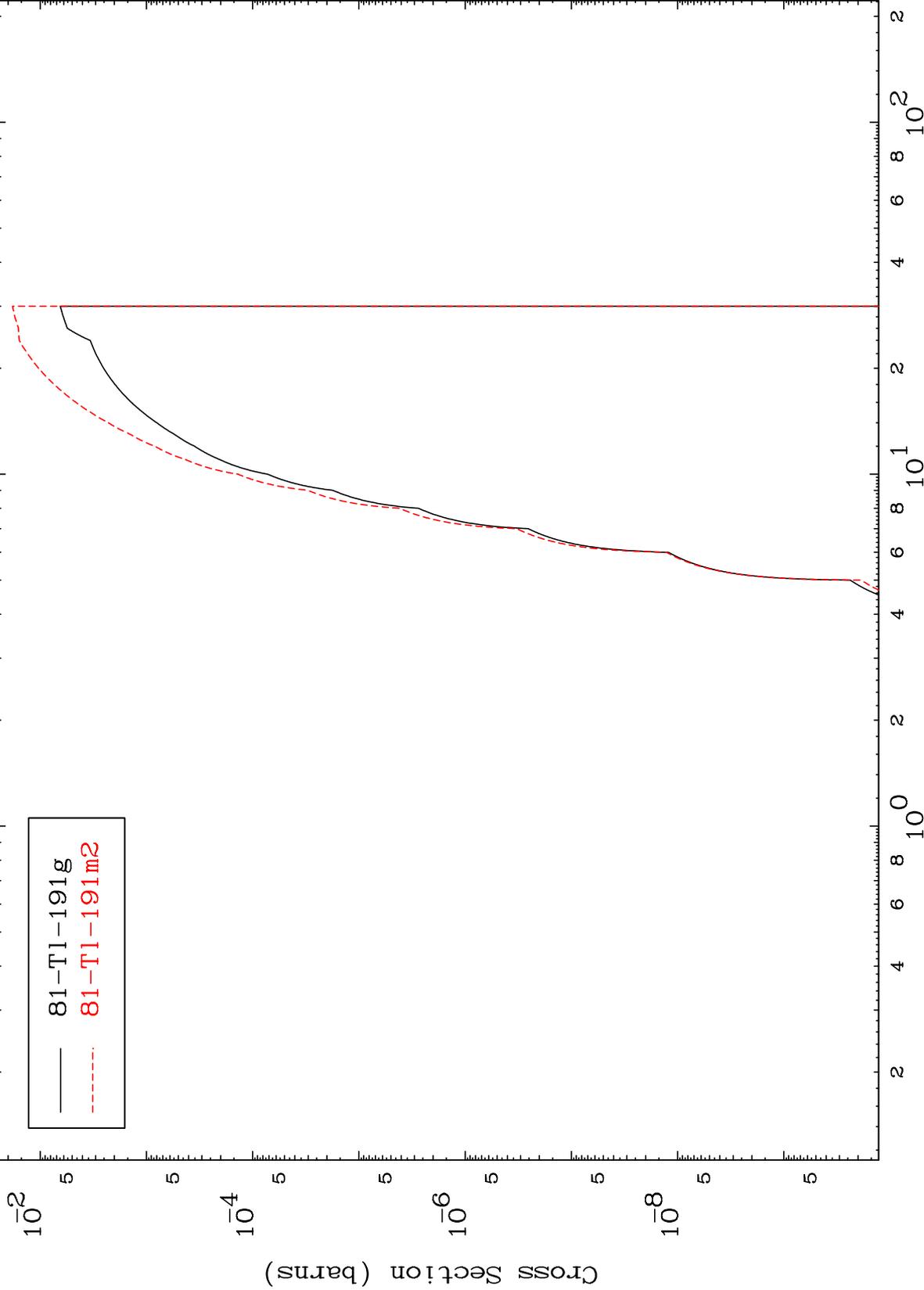
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MAT 8187

(d,2p)

82-Pb-191

Radionuclide Production Cross Section



30

Incident Energy (MeV)

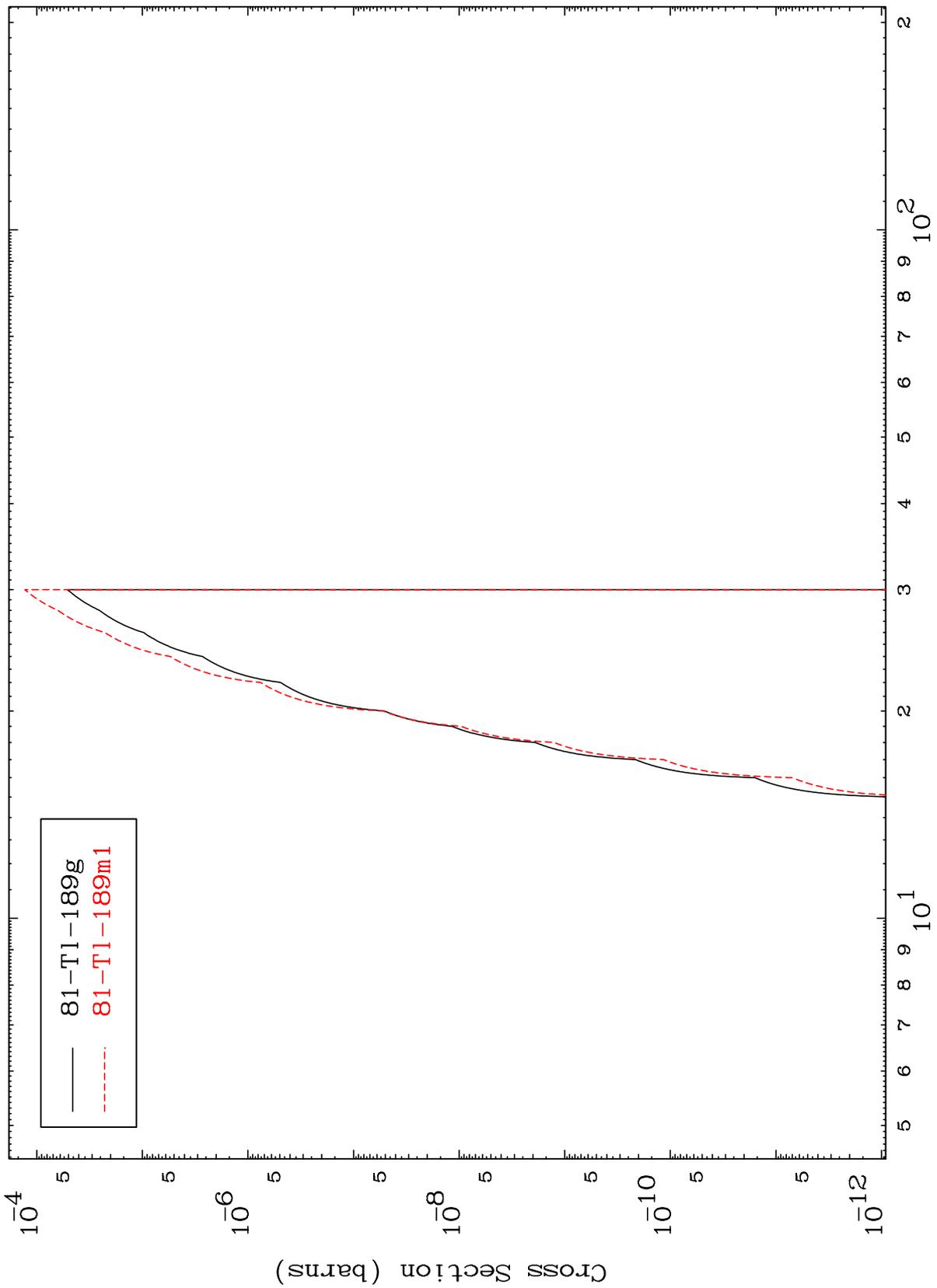
82-Pb-191

MAT 8187

(d,p) t

82-Pb-191

Radionuclide Production Cross Section



31

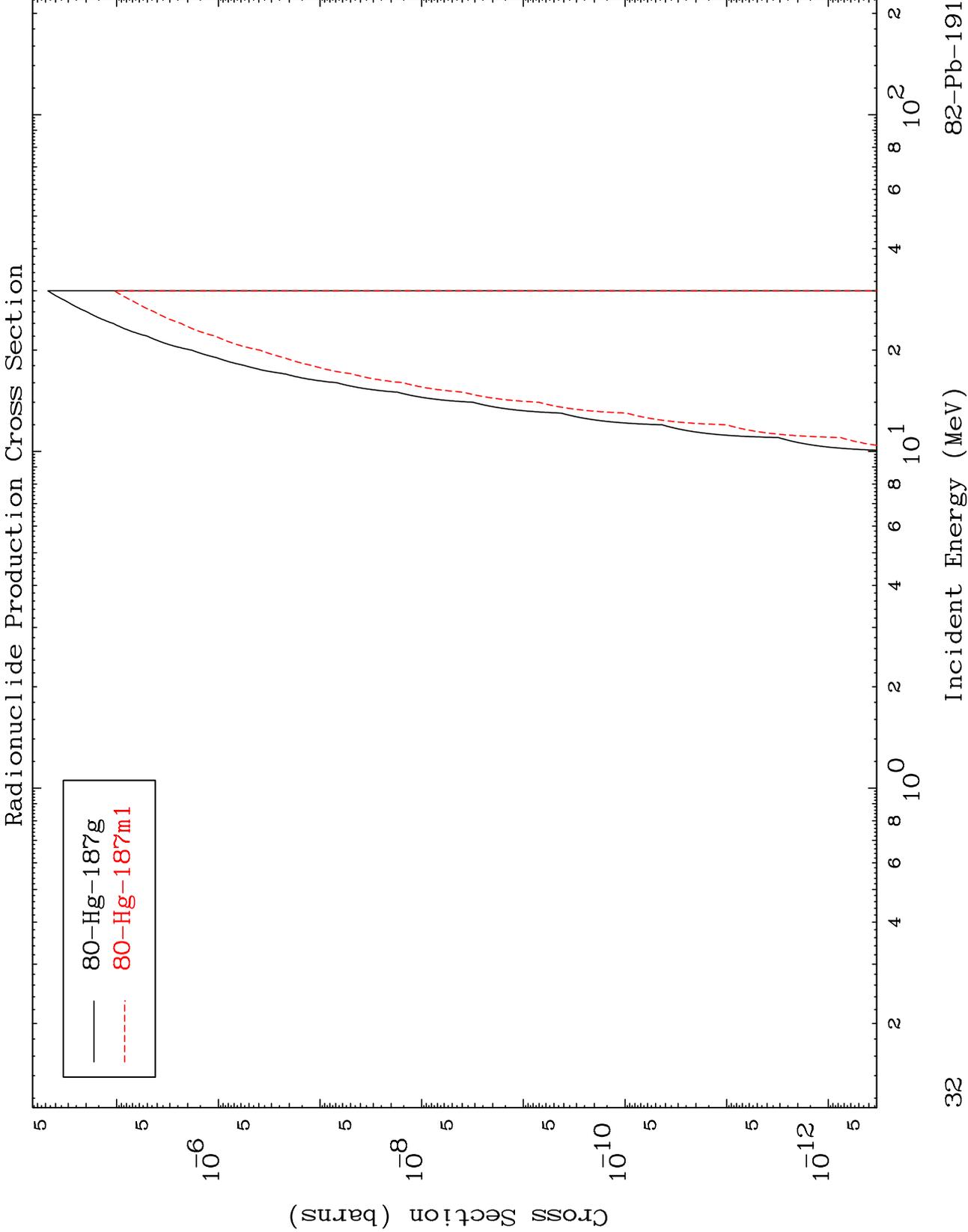
Incident Energy (MeV)

82-Pb-191

MAT 8187

(d,d) α

82-Pb-191



80-Hg-187g
80-Hg-187m1