

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

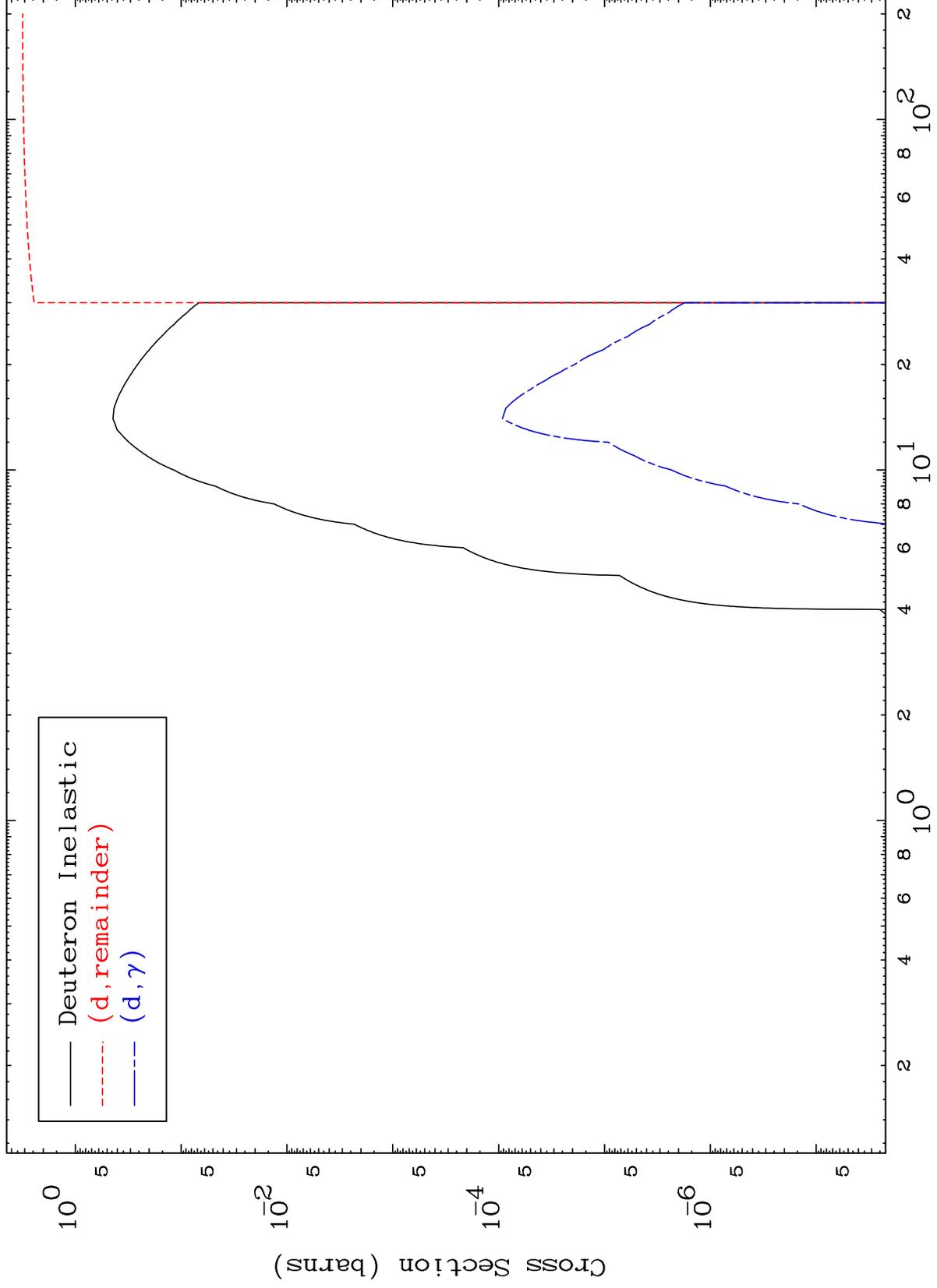
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1466 Hudson Way
Livermore, CA 94550
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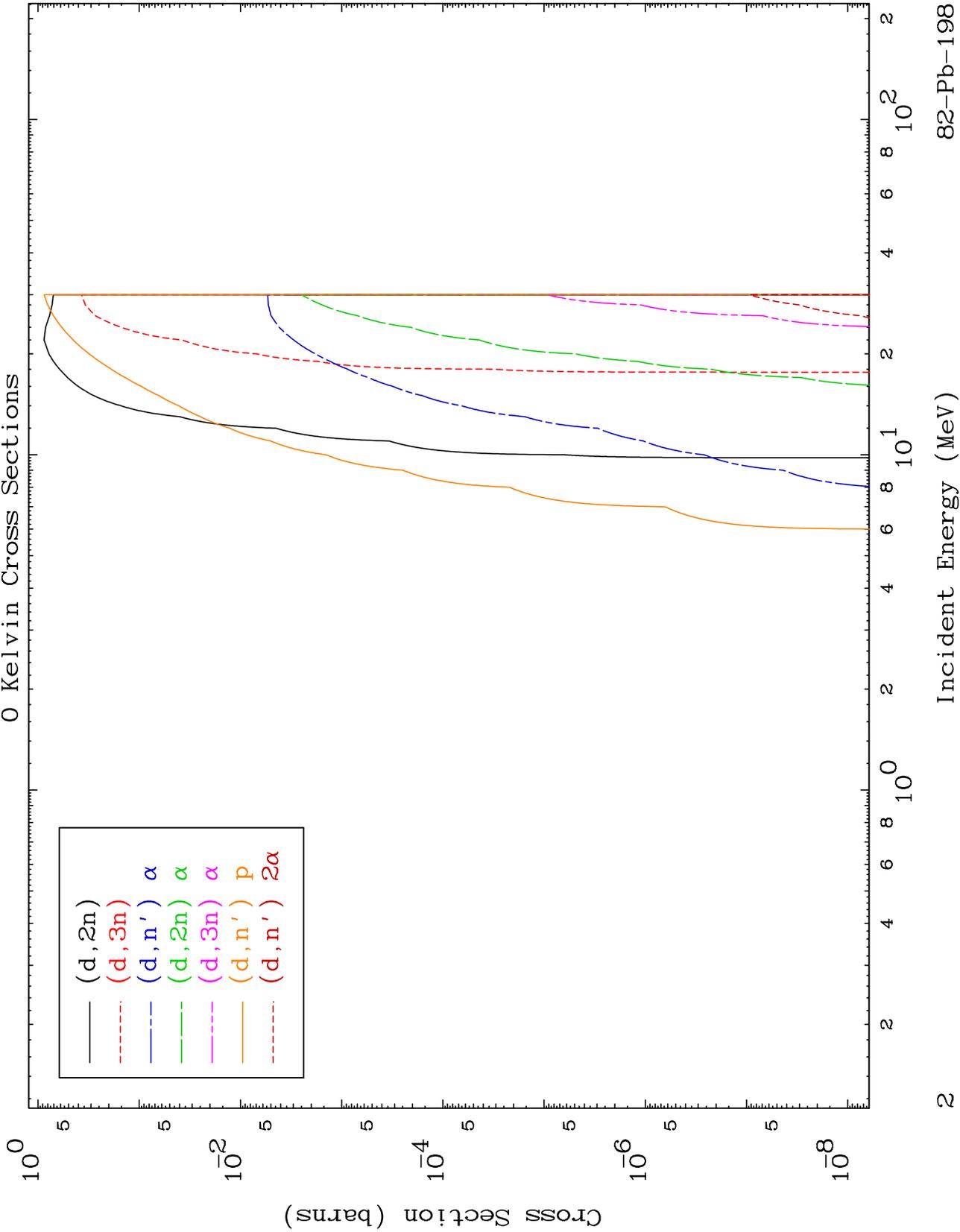
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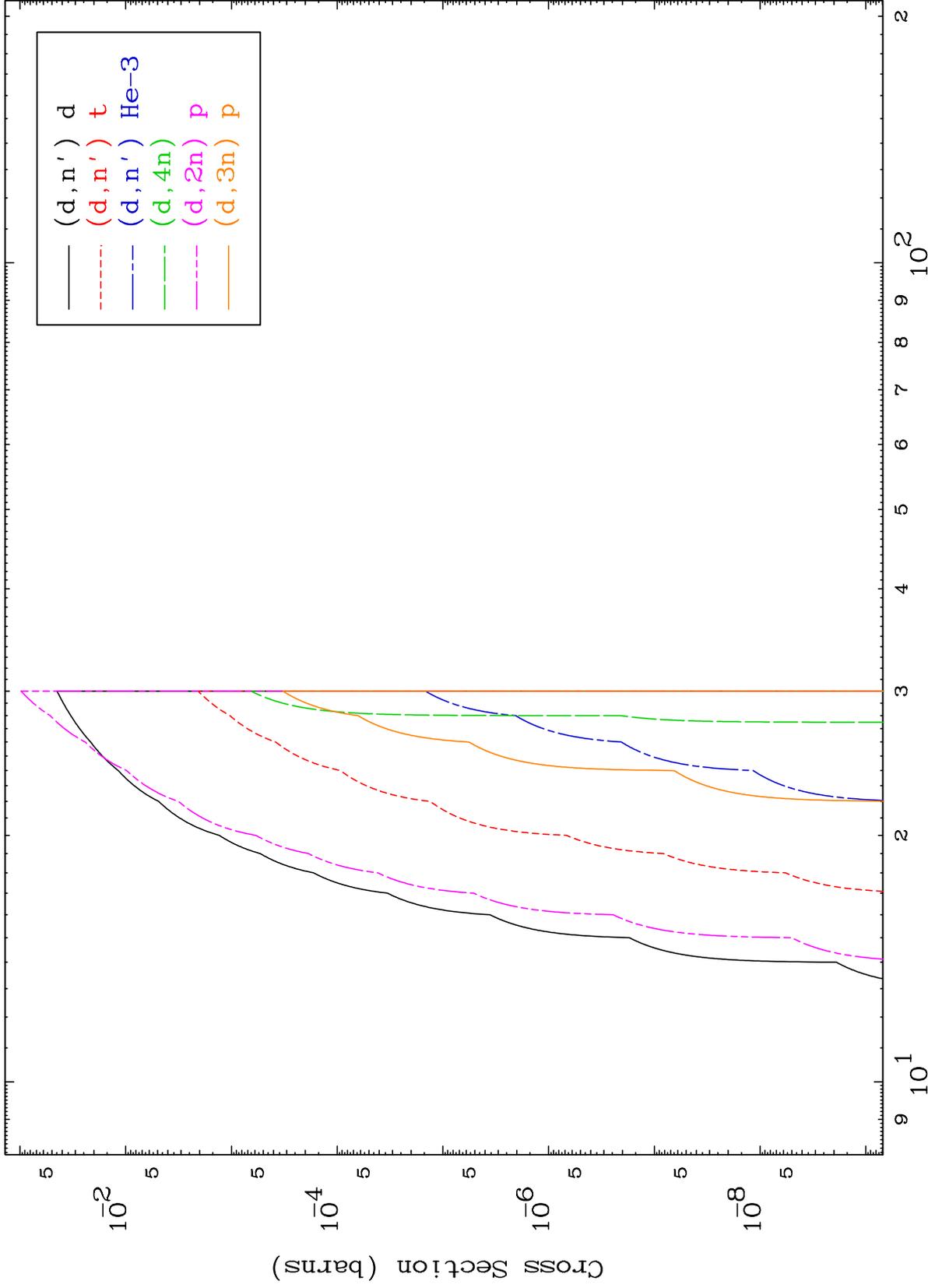
E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



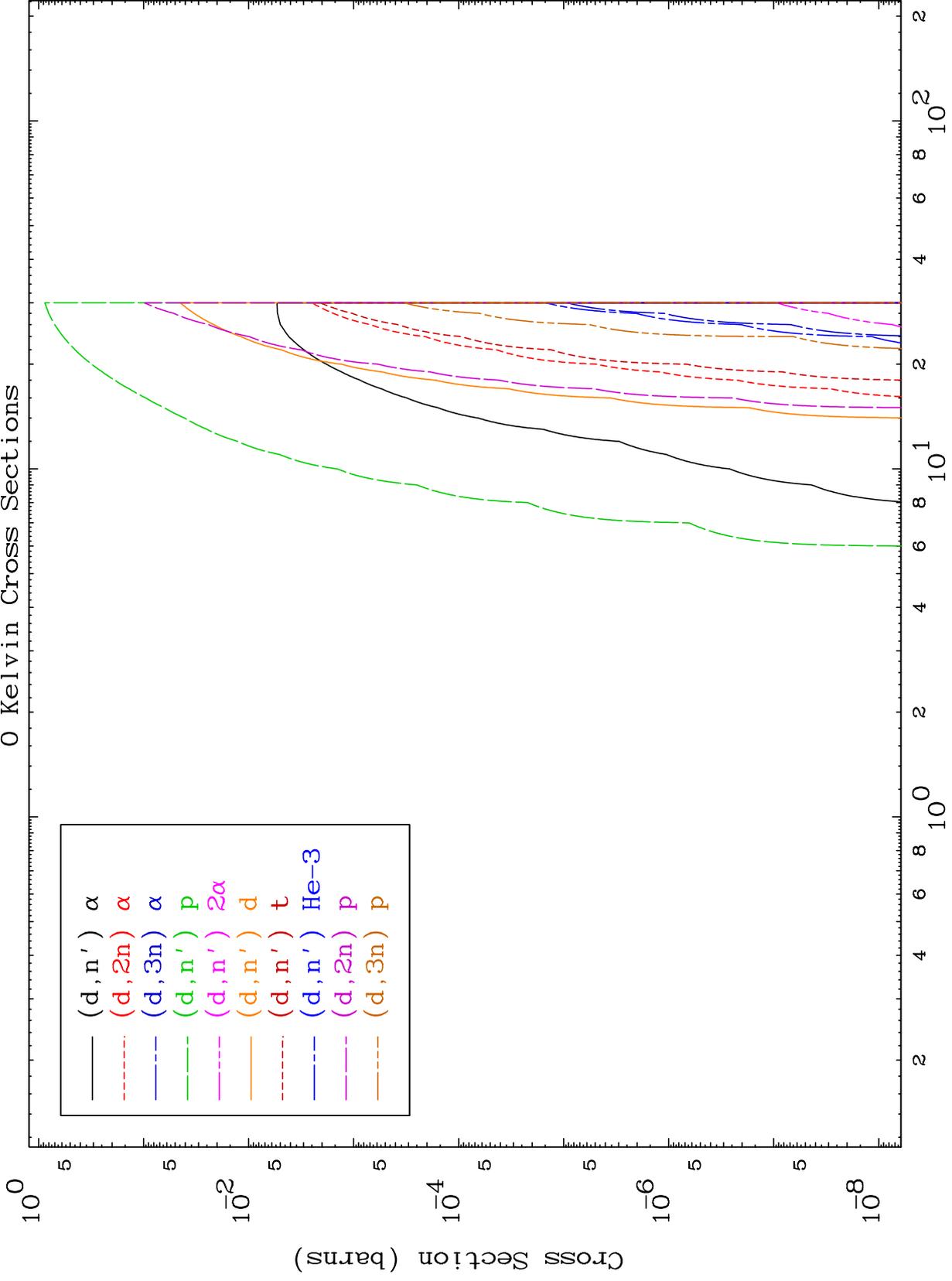


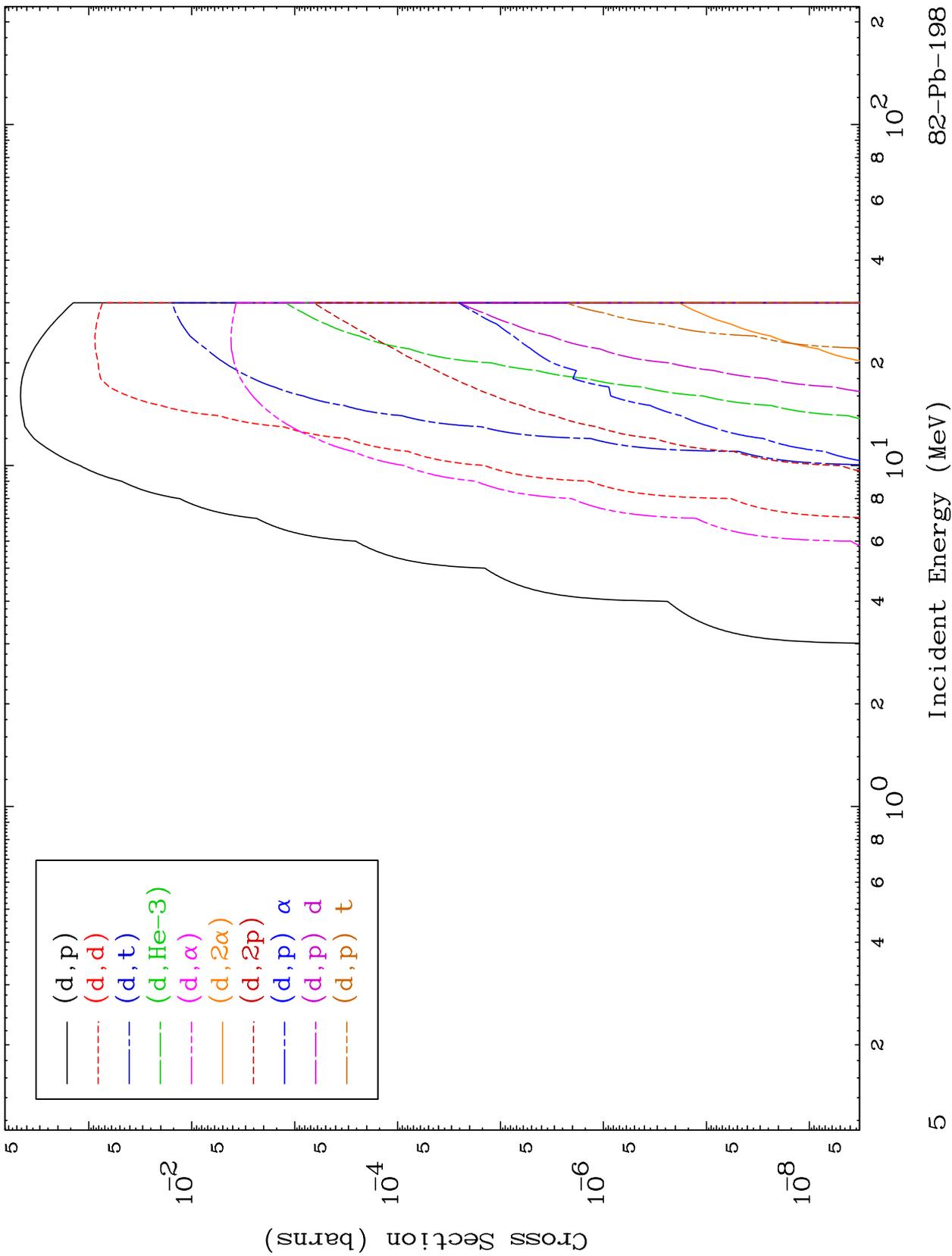


MAT 8207

Deuteron Charged Particle
0 Kelvin Cross Sections

82-Pb-198



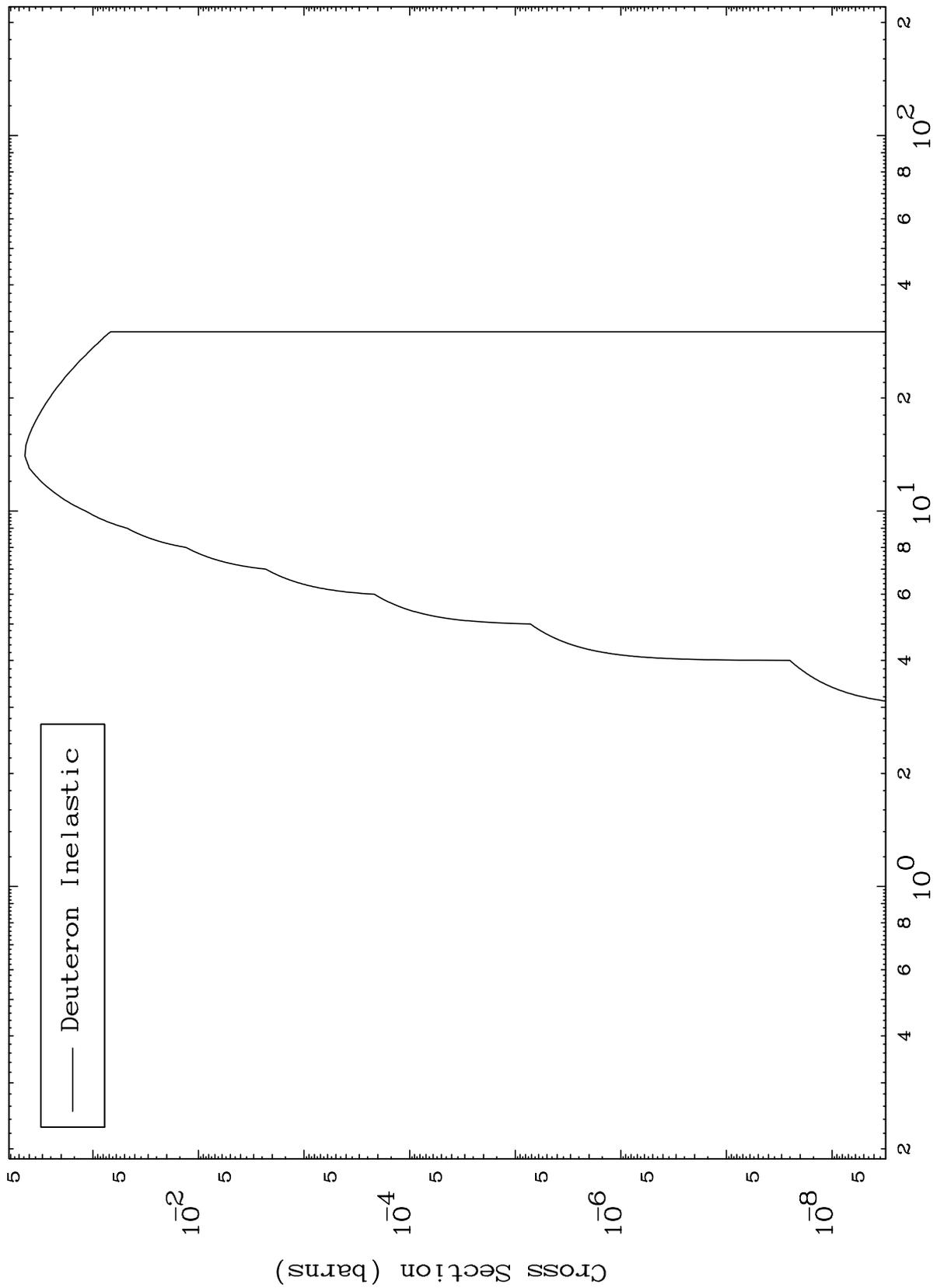


MAT 8207

(d,n') Level

82-Pb-198

0 Kelvin Cross Sections



— Deuteron Inelastic

6

Incident Energy (MeV)

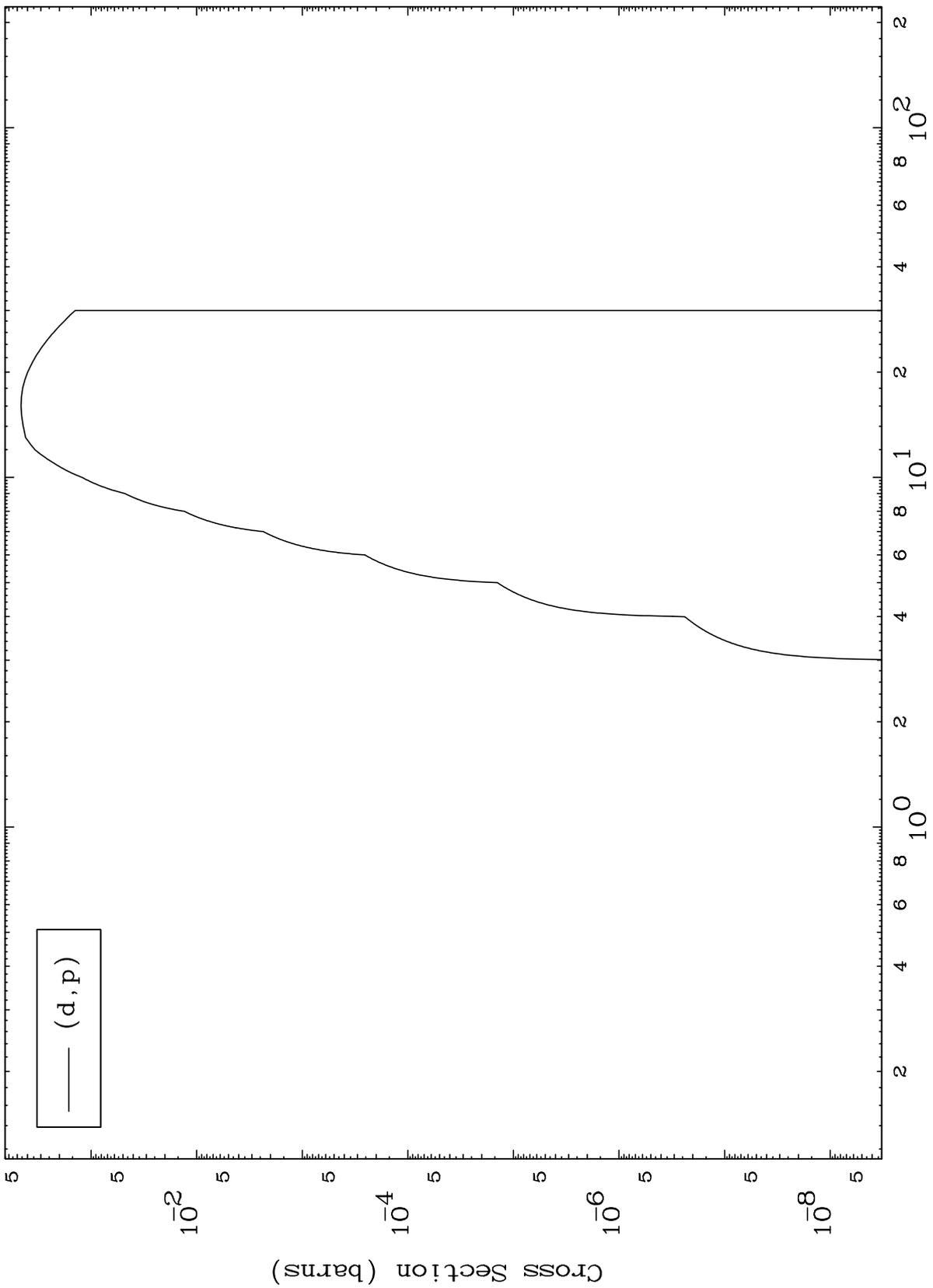
82-Pb-198

MAT 8207

(d,p) Levels

82-Pb-198

0 Kelvin Cross Sections



(d,p)

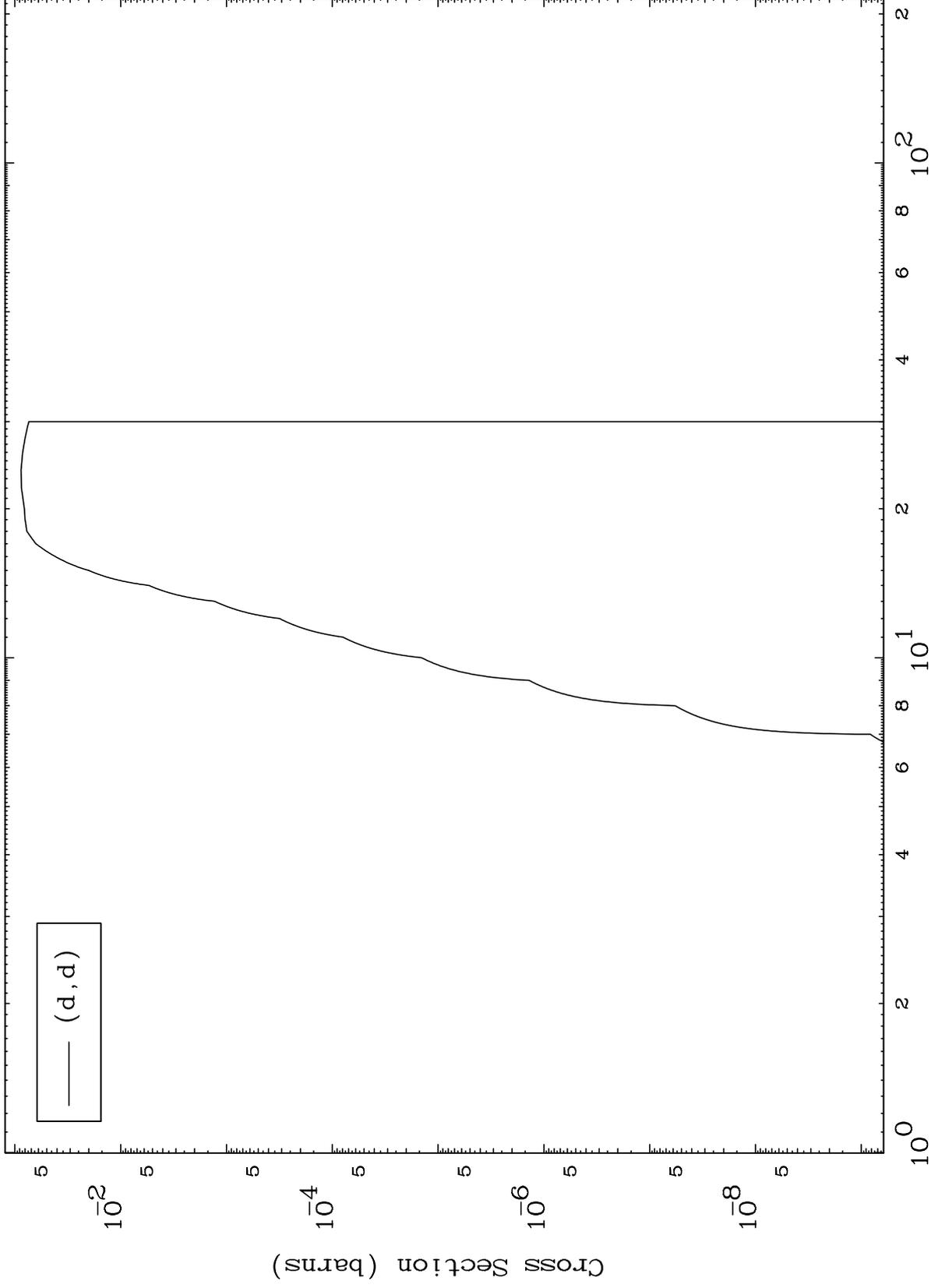
82-Pb-198

Incident Energy (MeV)

MAT 8207

(d,d) Levels
0 Kelvin Cross Sections

82-Pb-198



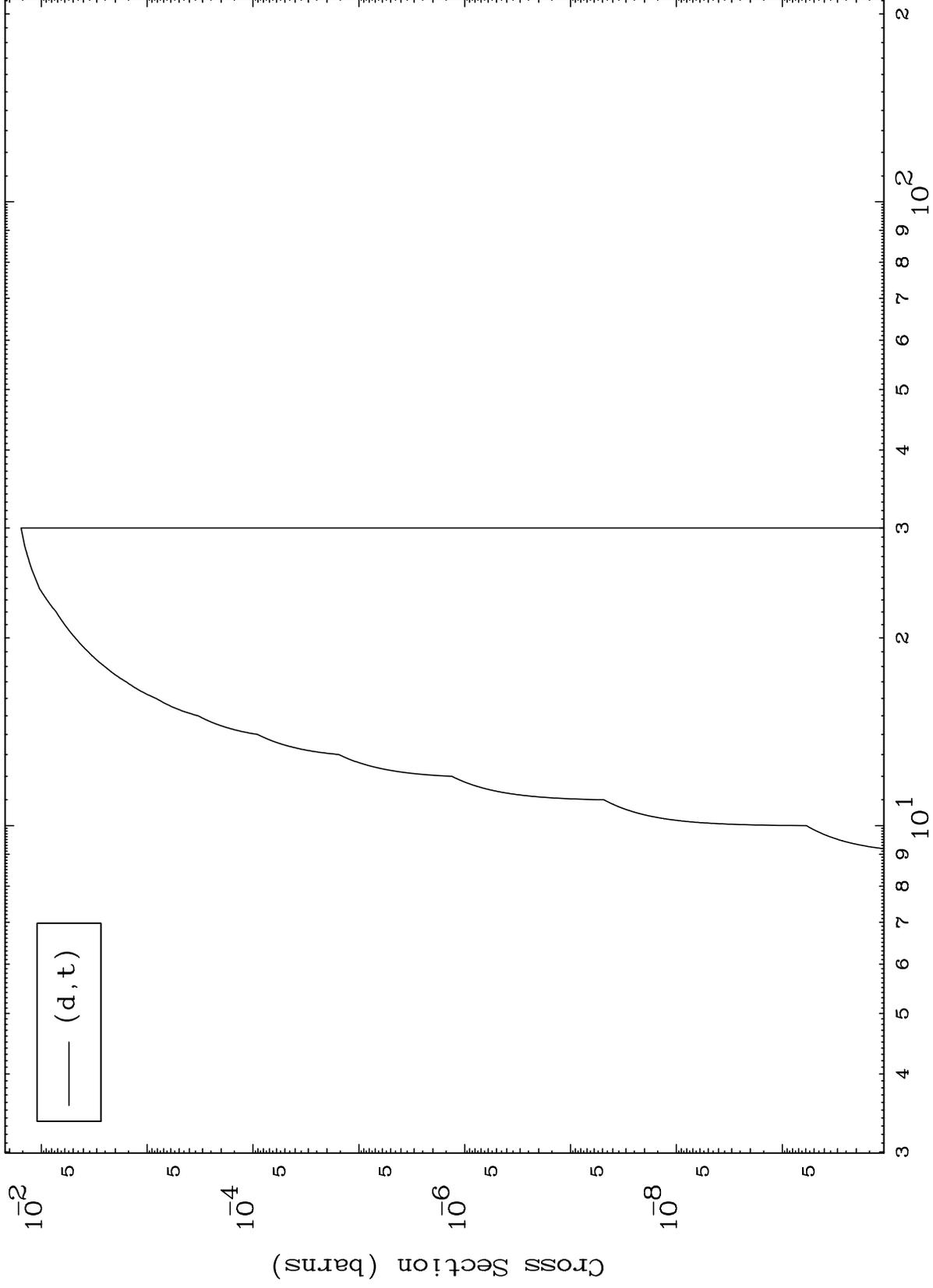
Incident Energy (MeV)

82-Pb-198

MAT 8207

(d,t) Levels
0 Kelvin Cross Sections

82-Pb-198



9

Incident Energy (MeV)

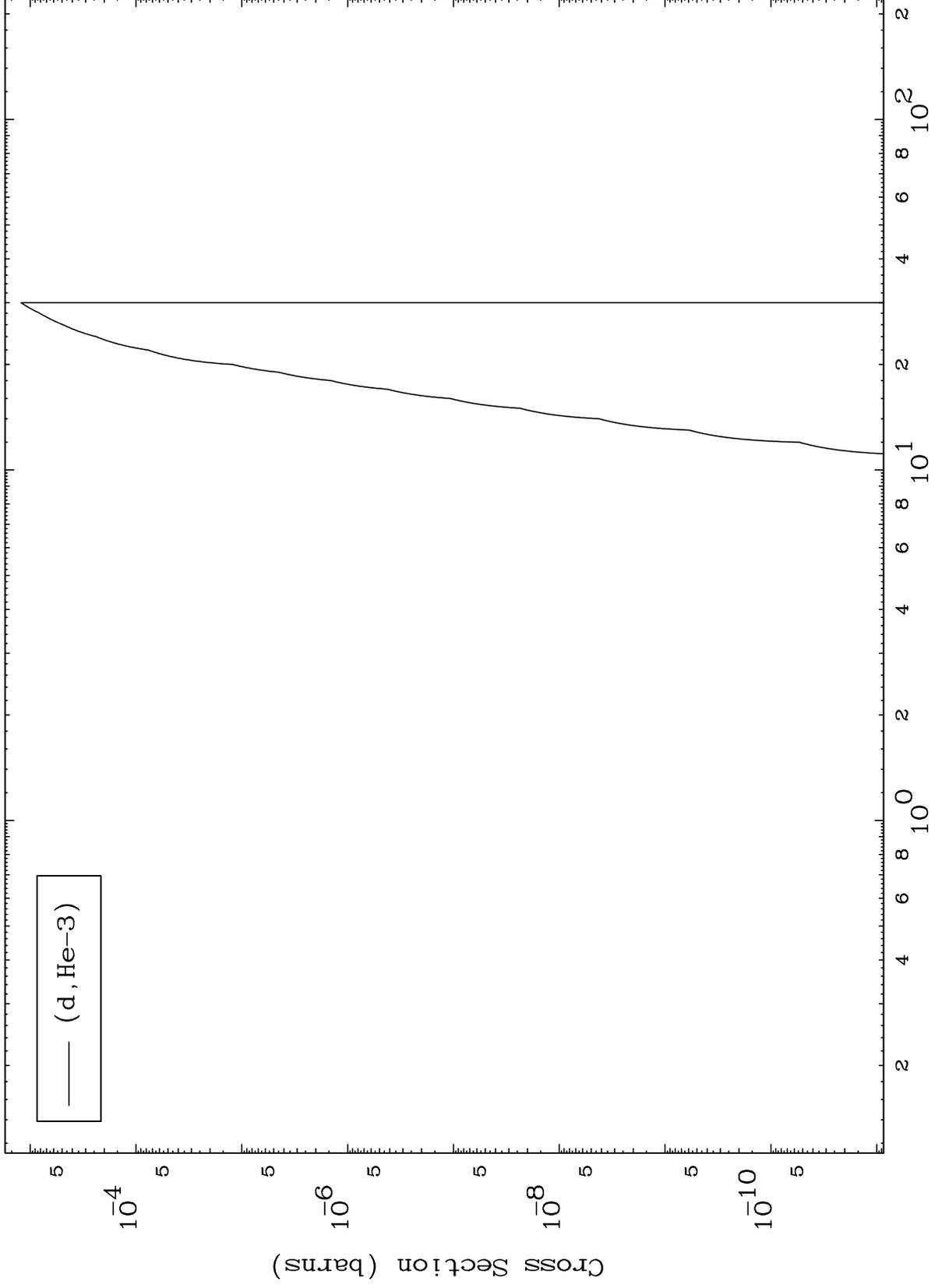
82-Pb-198

MAT 8207

(d,He3) Levels

82-Pb-198

0 Kelvin Cross Sections



10

Incident Energy (MeV)

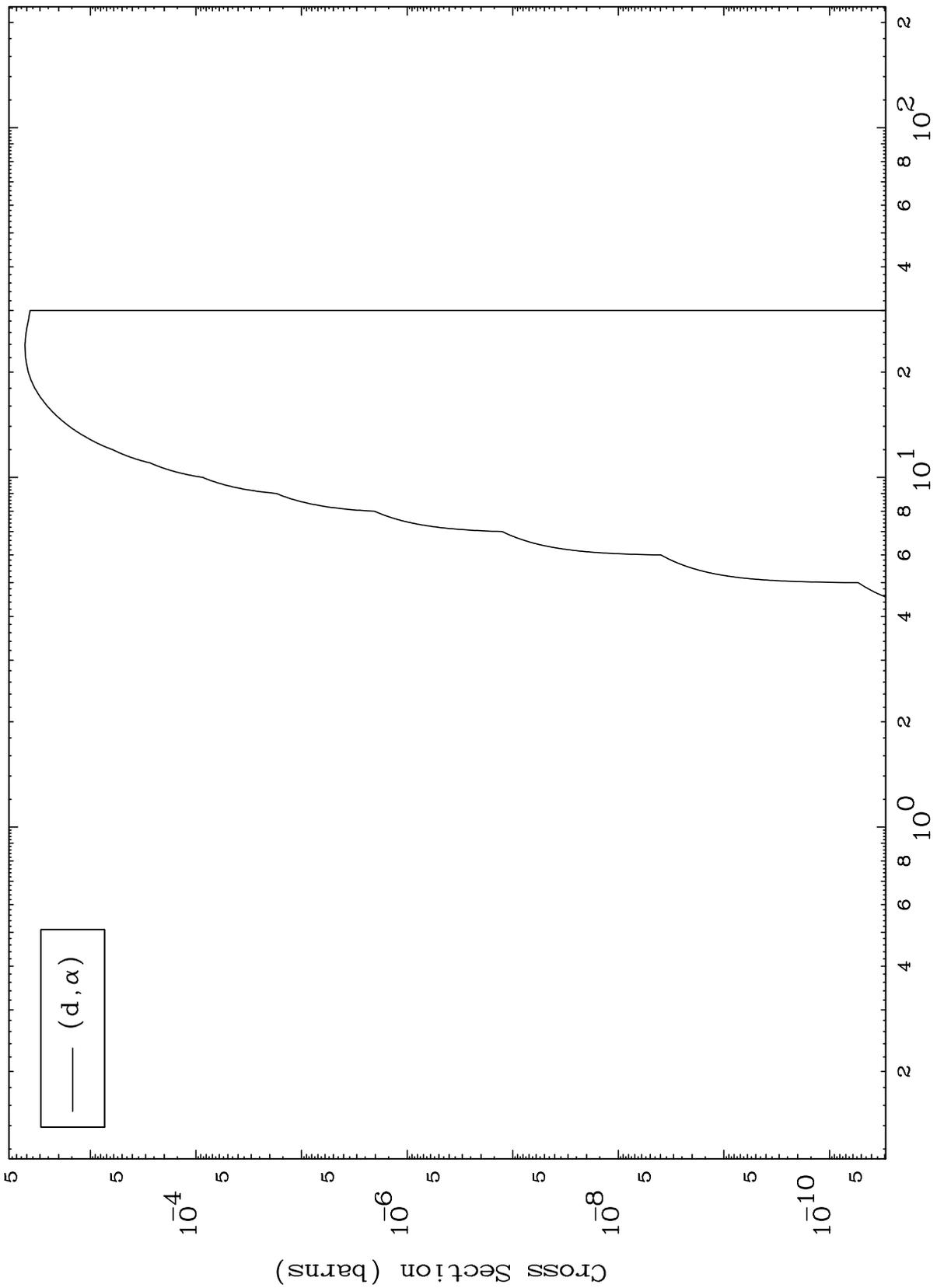
82-Pb-198

MAT 8207

(d, α) Levels

82-Pb-198

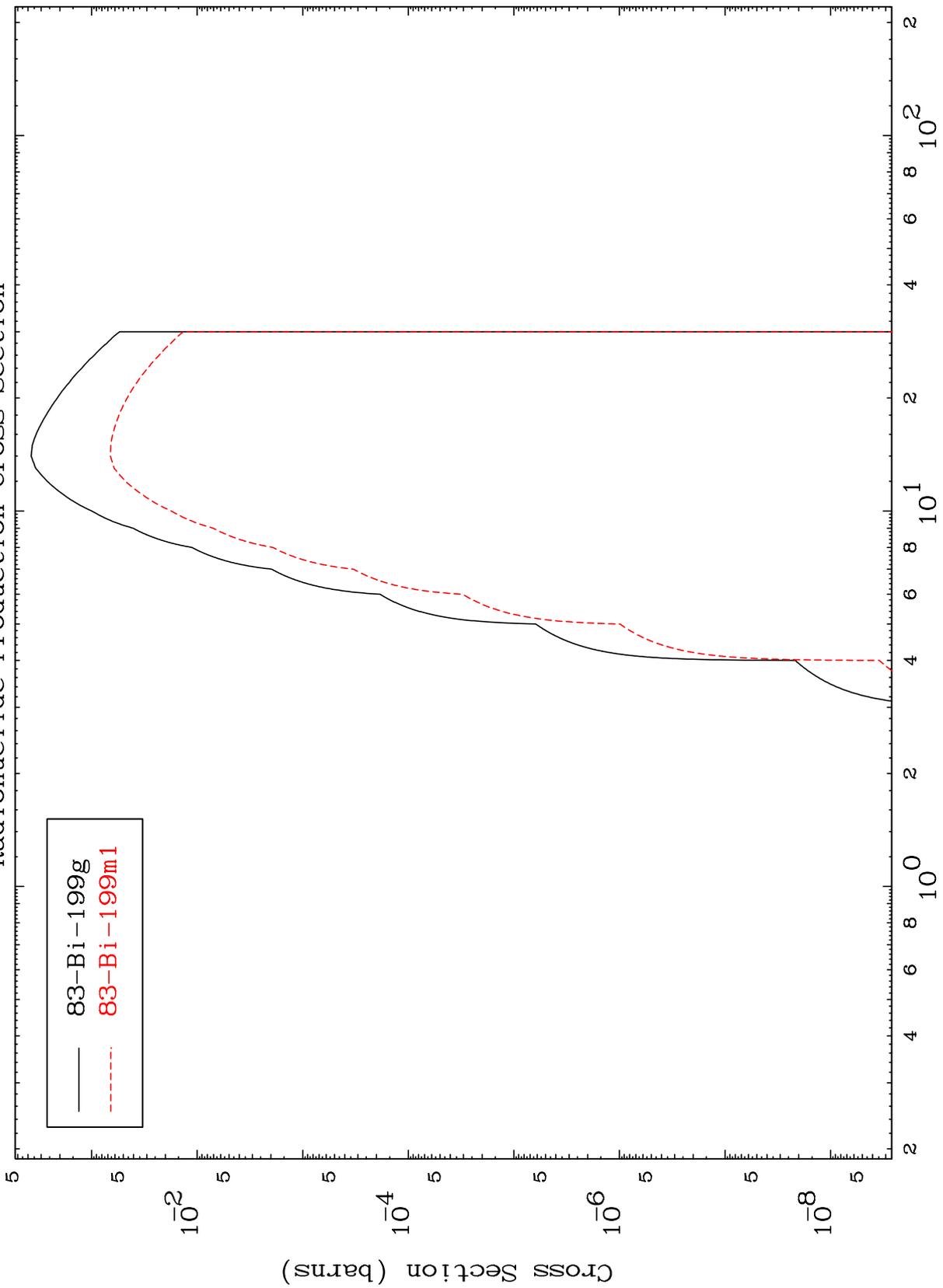
0 Kelvin Cross Sections



MAT 8207

Radionuclide Production Cross Section
Deuteron Inelastic

82-Pb-198



83-Bi-199g
83-Bi-199m1

12

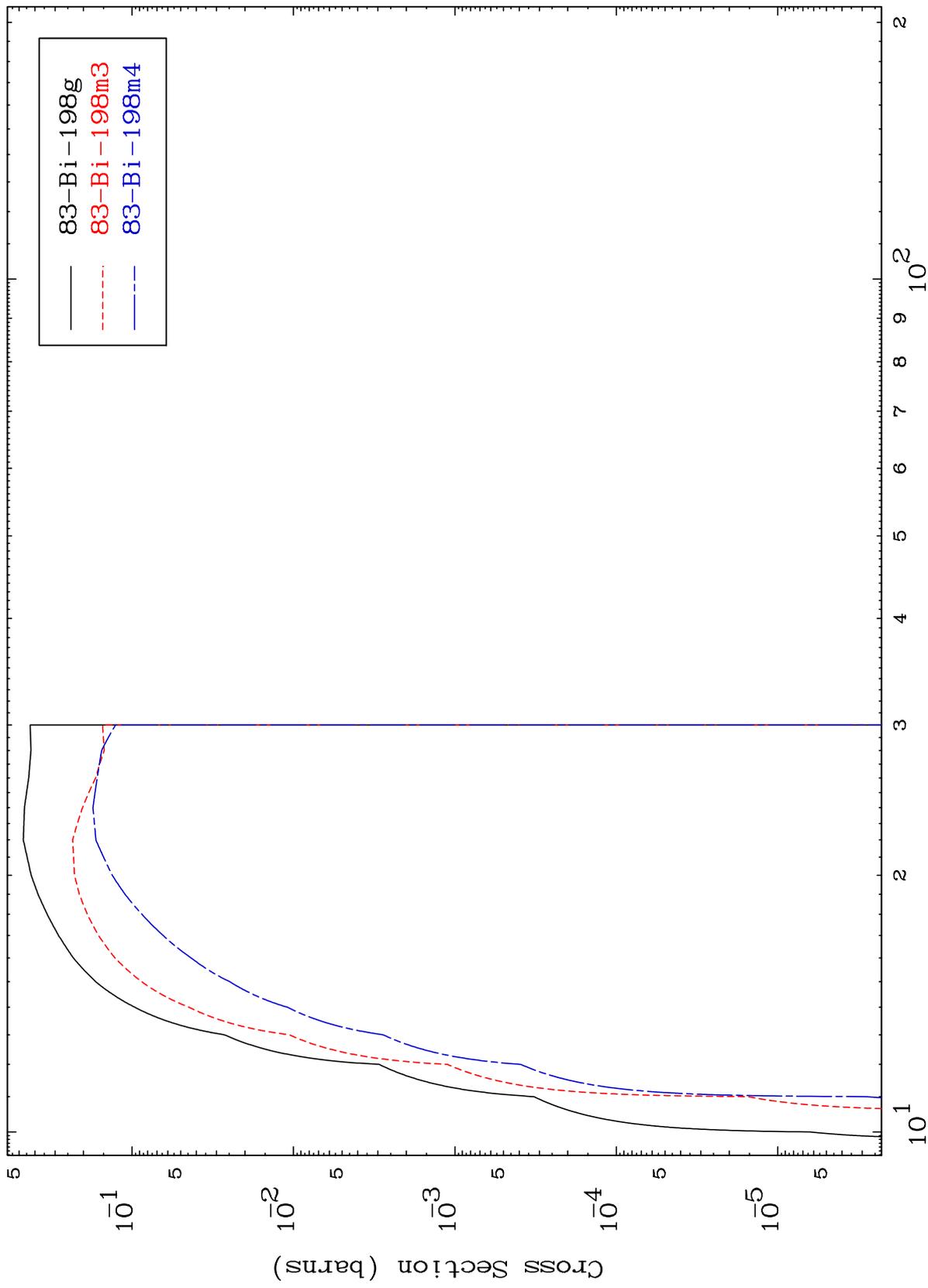
Incident Energy (MeV)

82-Pb-198

MAT 8207

82-Pb-198

(d,2n)
Radionuclide Production Cross Section



Incident Energy (MeV)

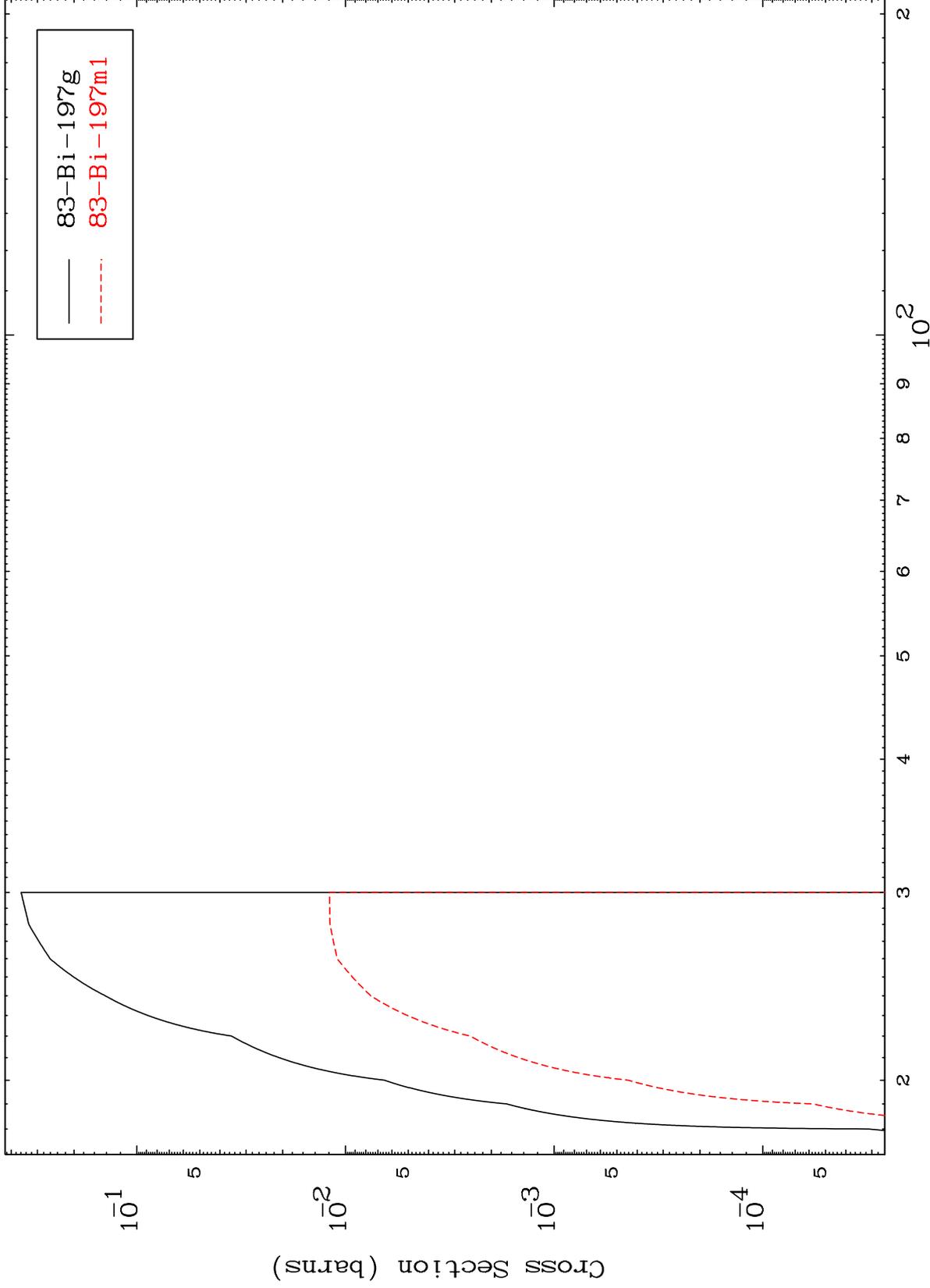
82-Pb-198

MAT 8207

(d,3n)

82-Pb-198

Radionuclide Production Cross Section



14

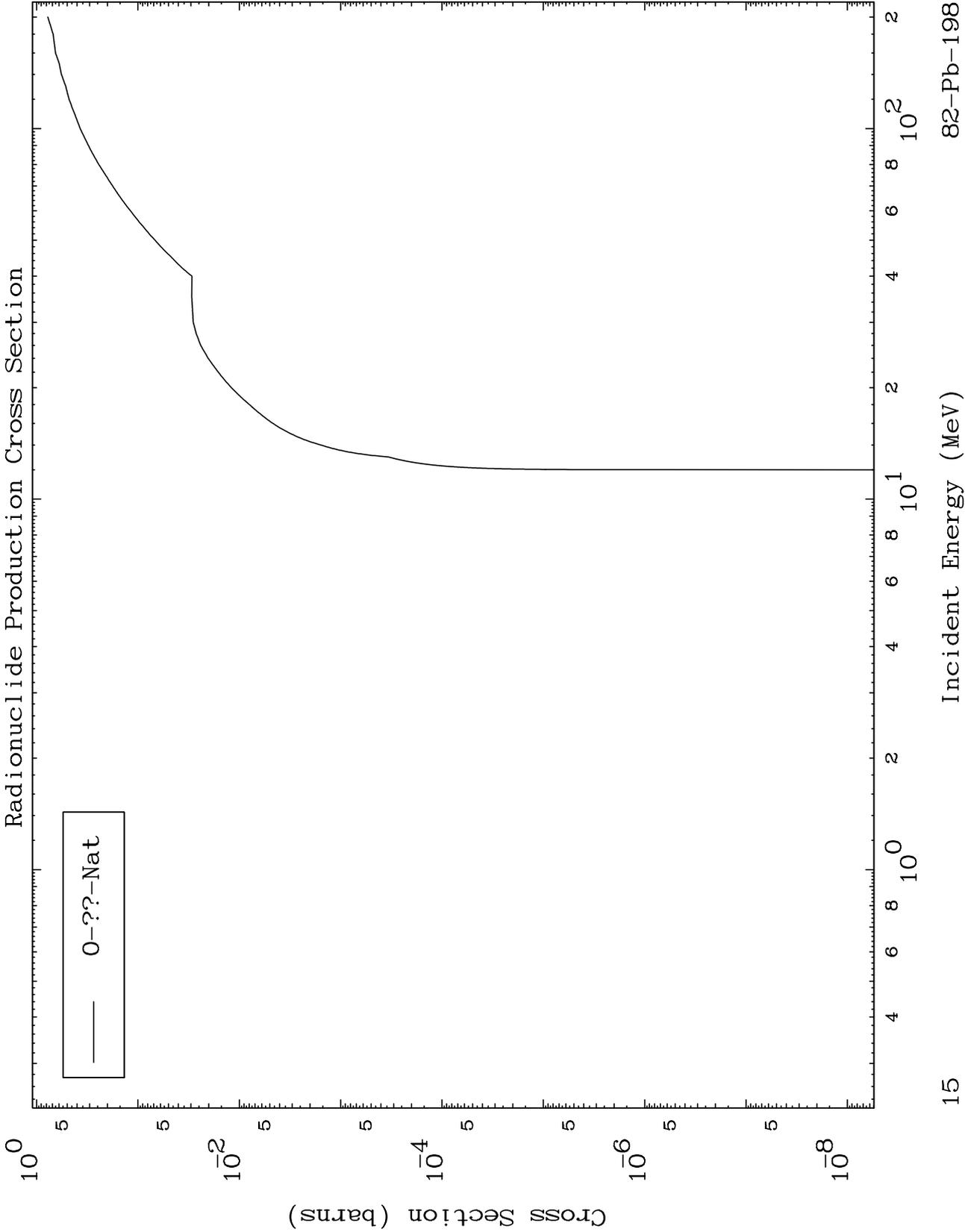
Incident Energy (MeV)

82-Pb-198

MAT 8207

Radionuclide Production Cross Section

82-Pb-198

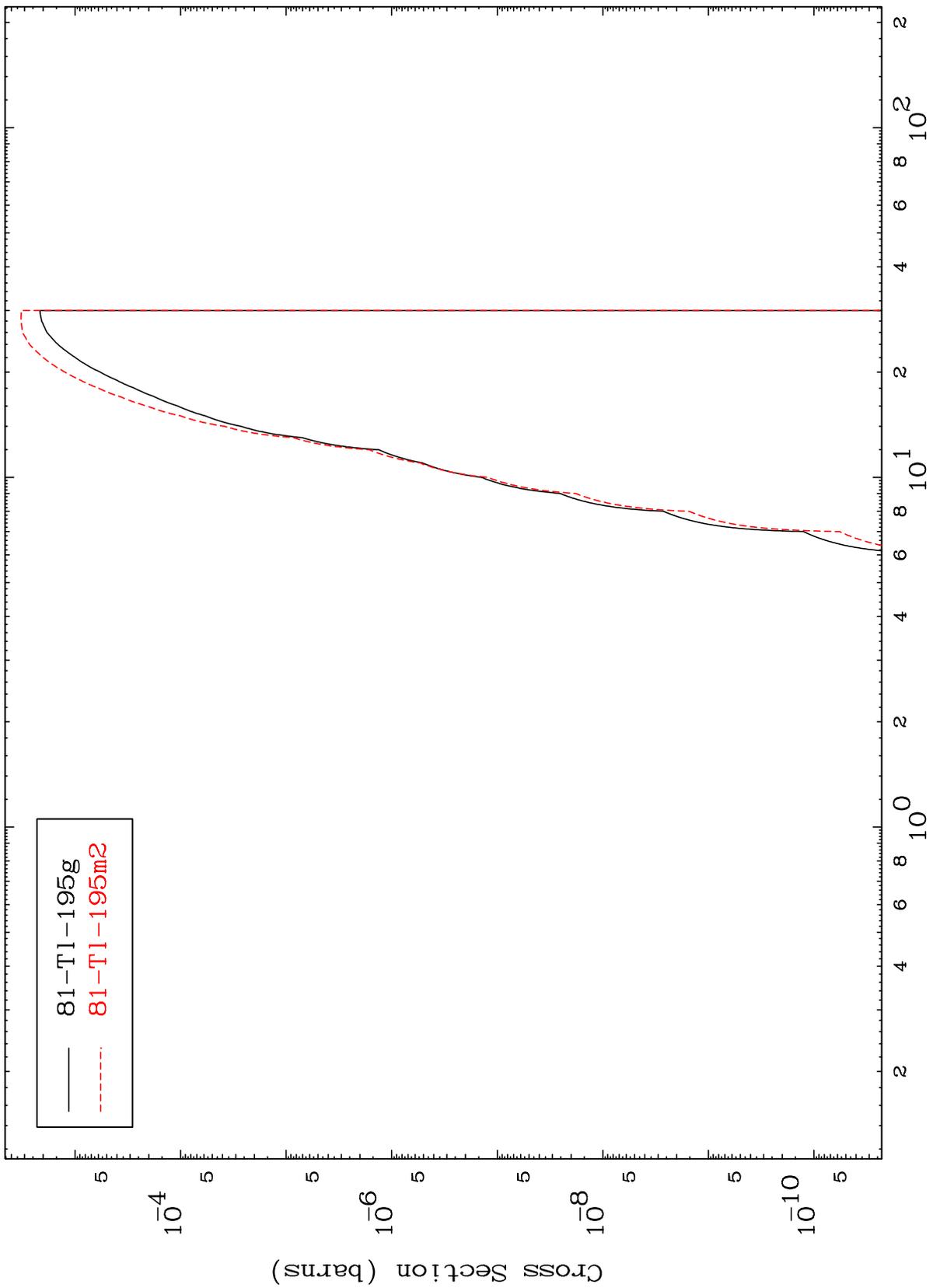


MAT 8207

(d,n') α

82-Pb-198

Radionuclide Production Cross Section



16

Incident Energy (MeV)

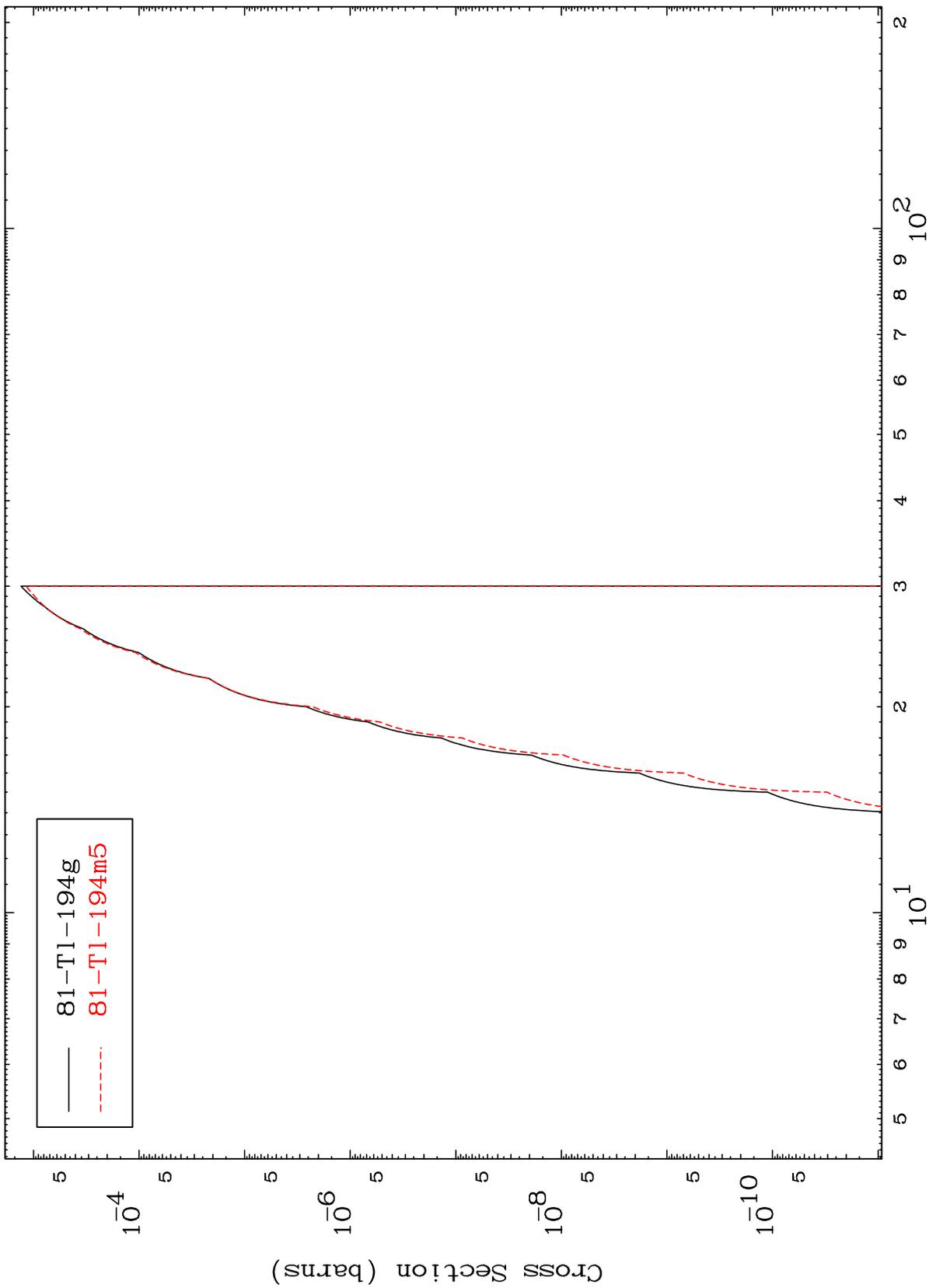
82-Pb-198

MAT 8207

(d,2n) α

82-Pb-198

Radionuclide Production Cross Section

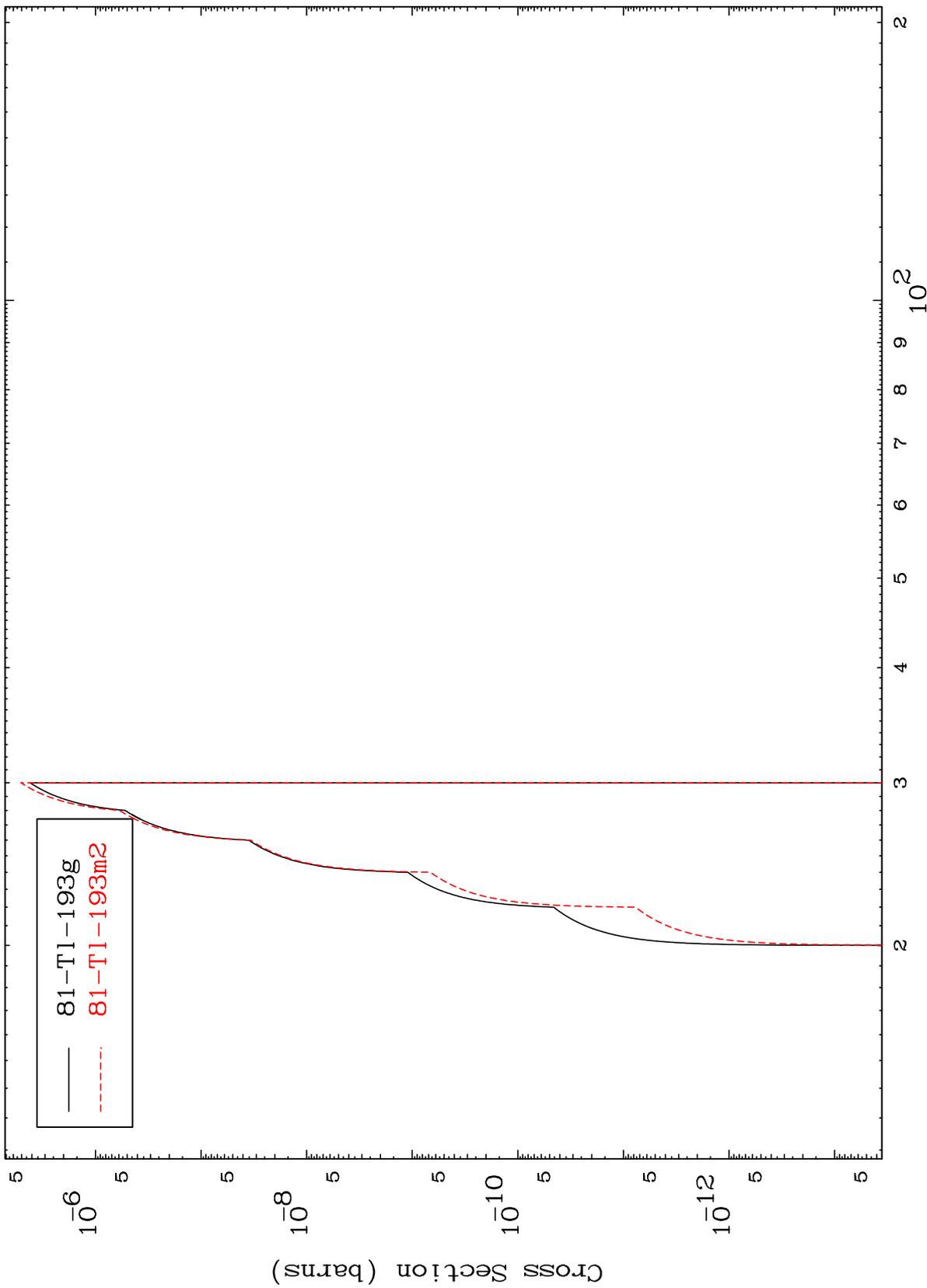


17

Incident Energy (MeV)

82-Pb-198

Radionuclide Production Cross Section

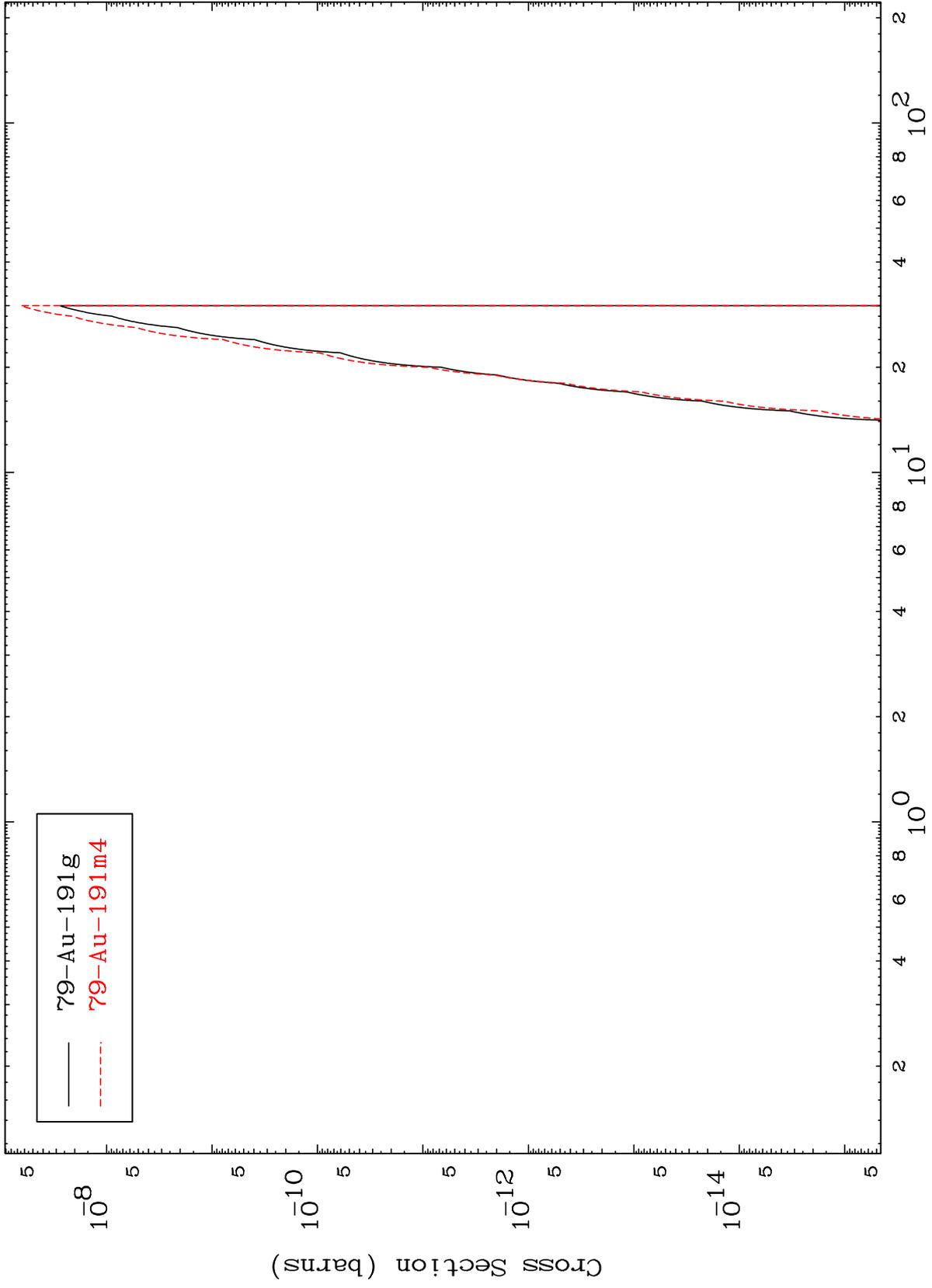


MAT 8207

(d,n') 2α

82-Pb-198

Radionuclide Production Cross Section



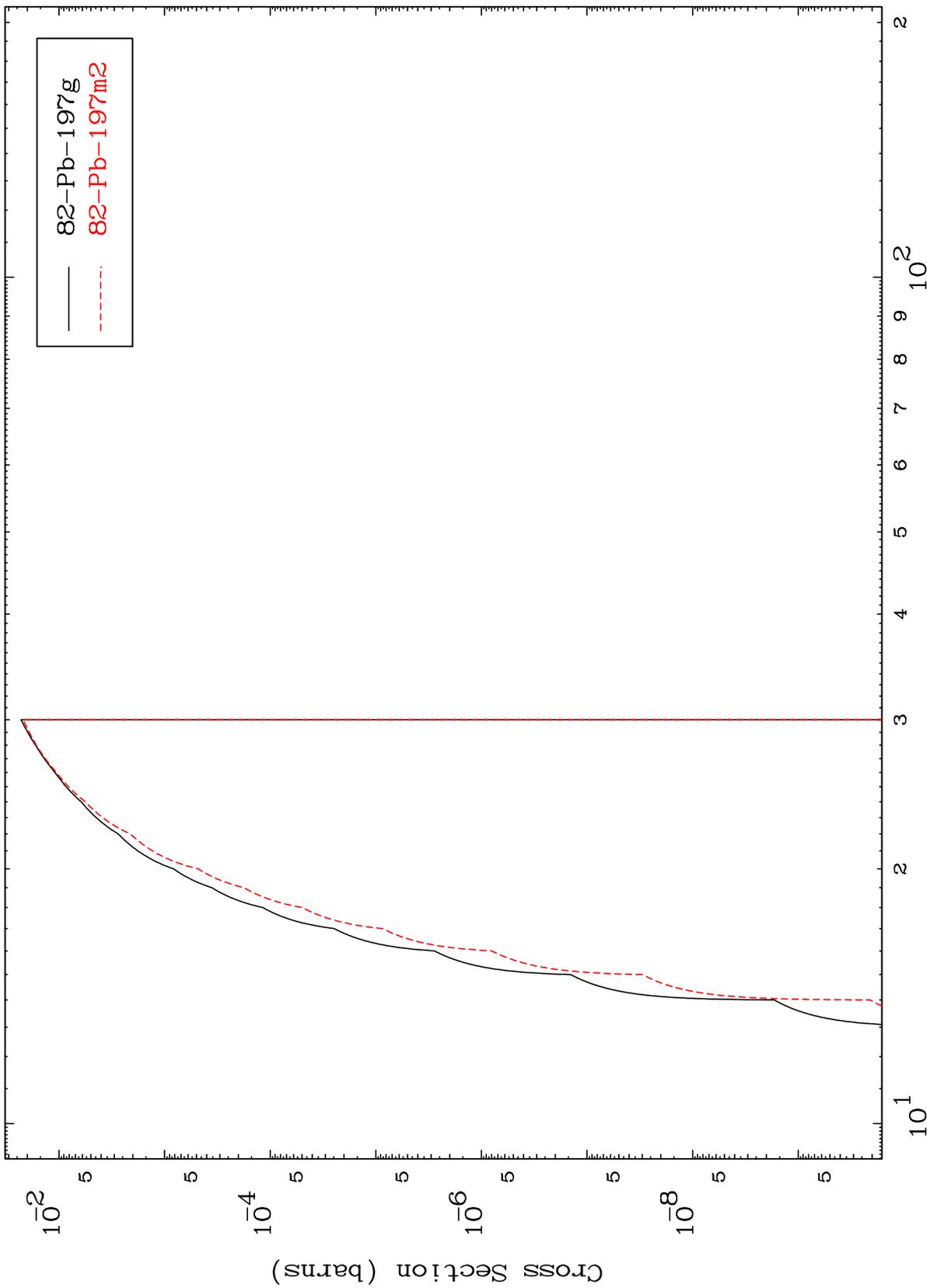
— 79-Au-191g
- - - 79-Au-191m4

MAT 8207

(d,n') d

82-Pb-198

Radionuclide Production Cross Section



Incident Energy (MeV)

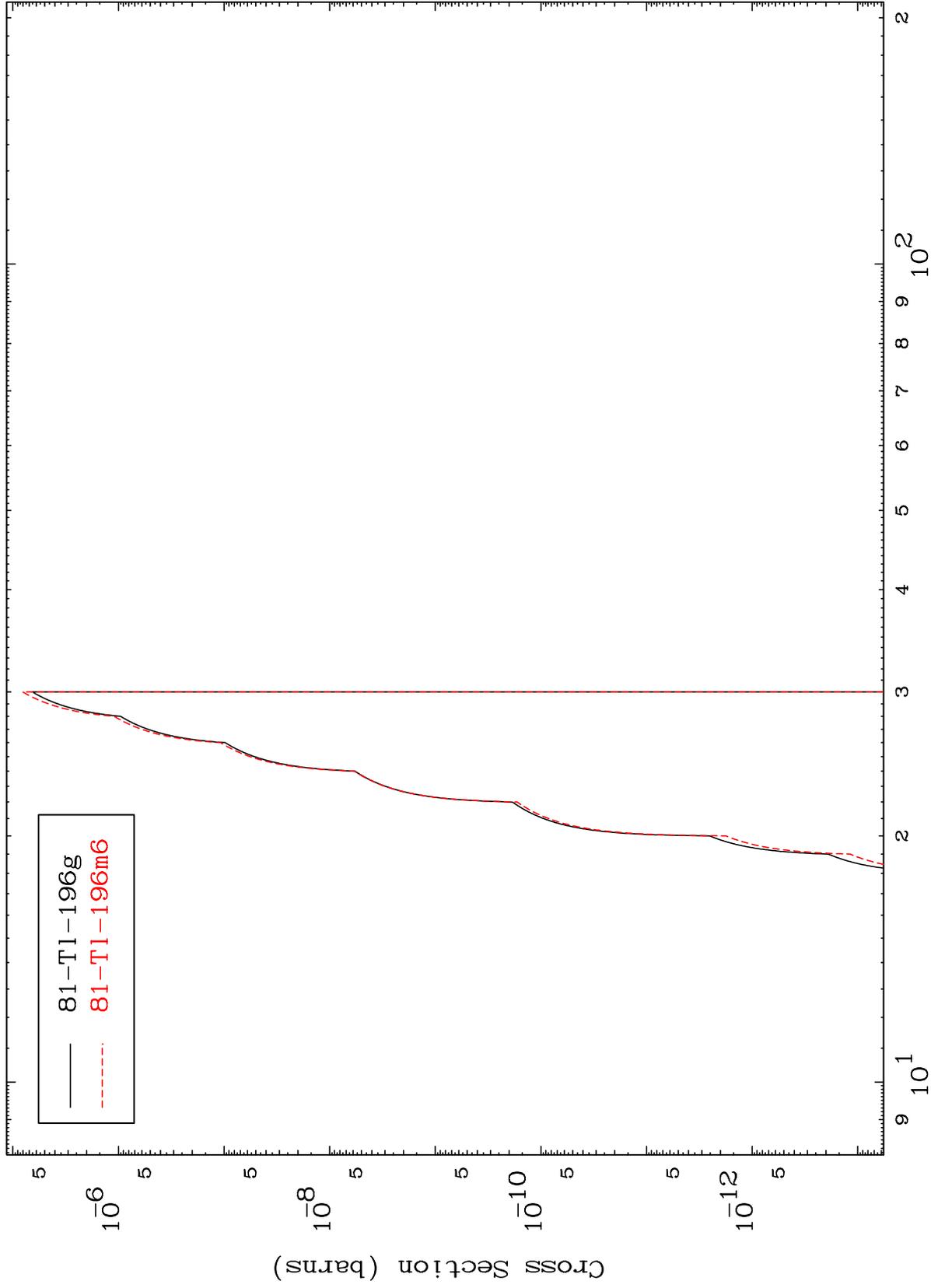
82-Pb-198

MAT 8207

(d,n') He-3

82-Pb-198

Radionuclide Production Cross Section



21

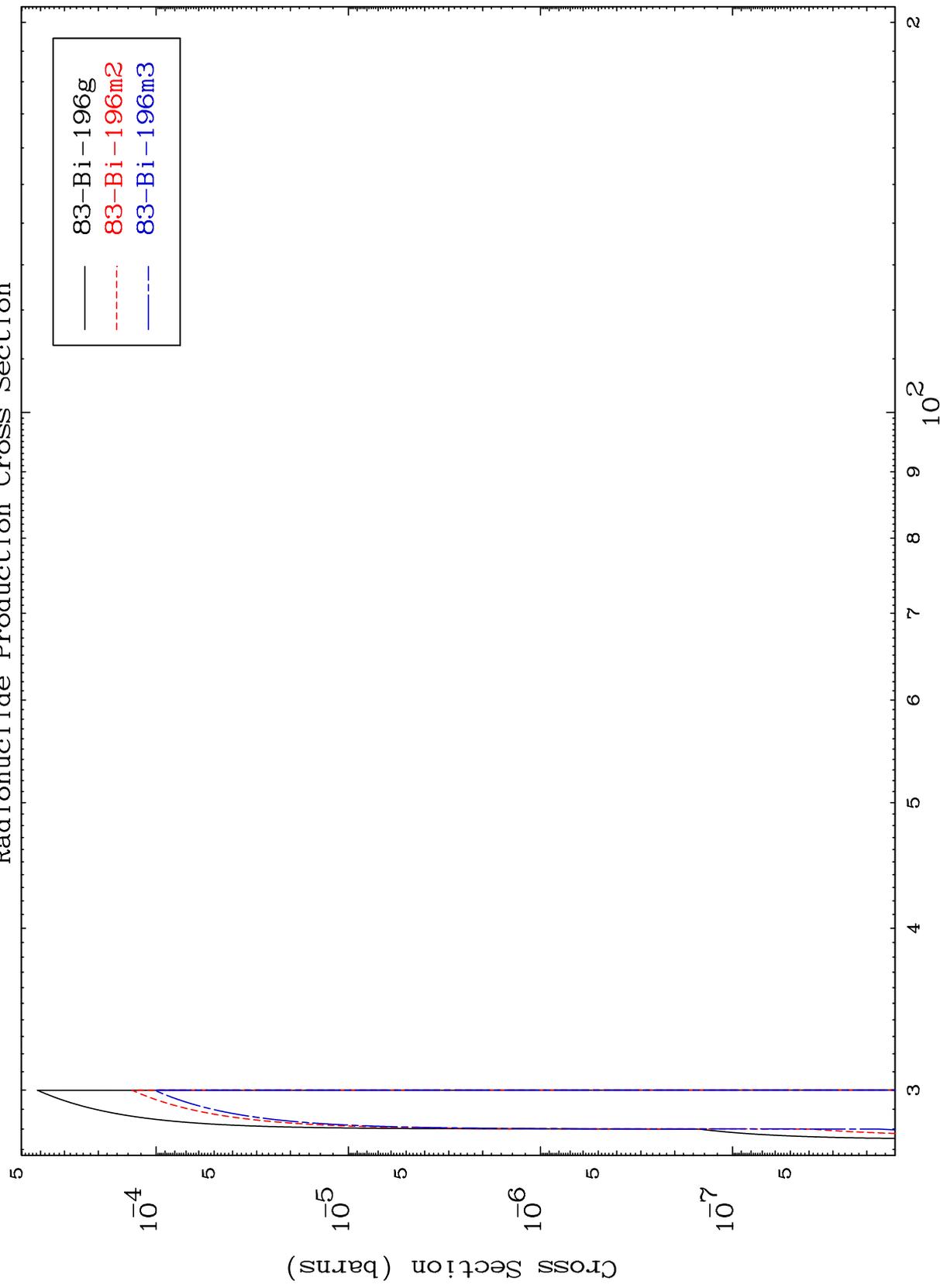
Incident Energy (MeV)

82-Pb-198

MAT 8207

82-Pb-198

(d,4n)
Radionuclide Production Cross Section



22

82-Pb-198

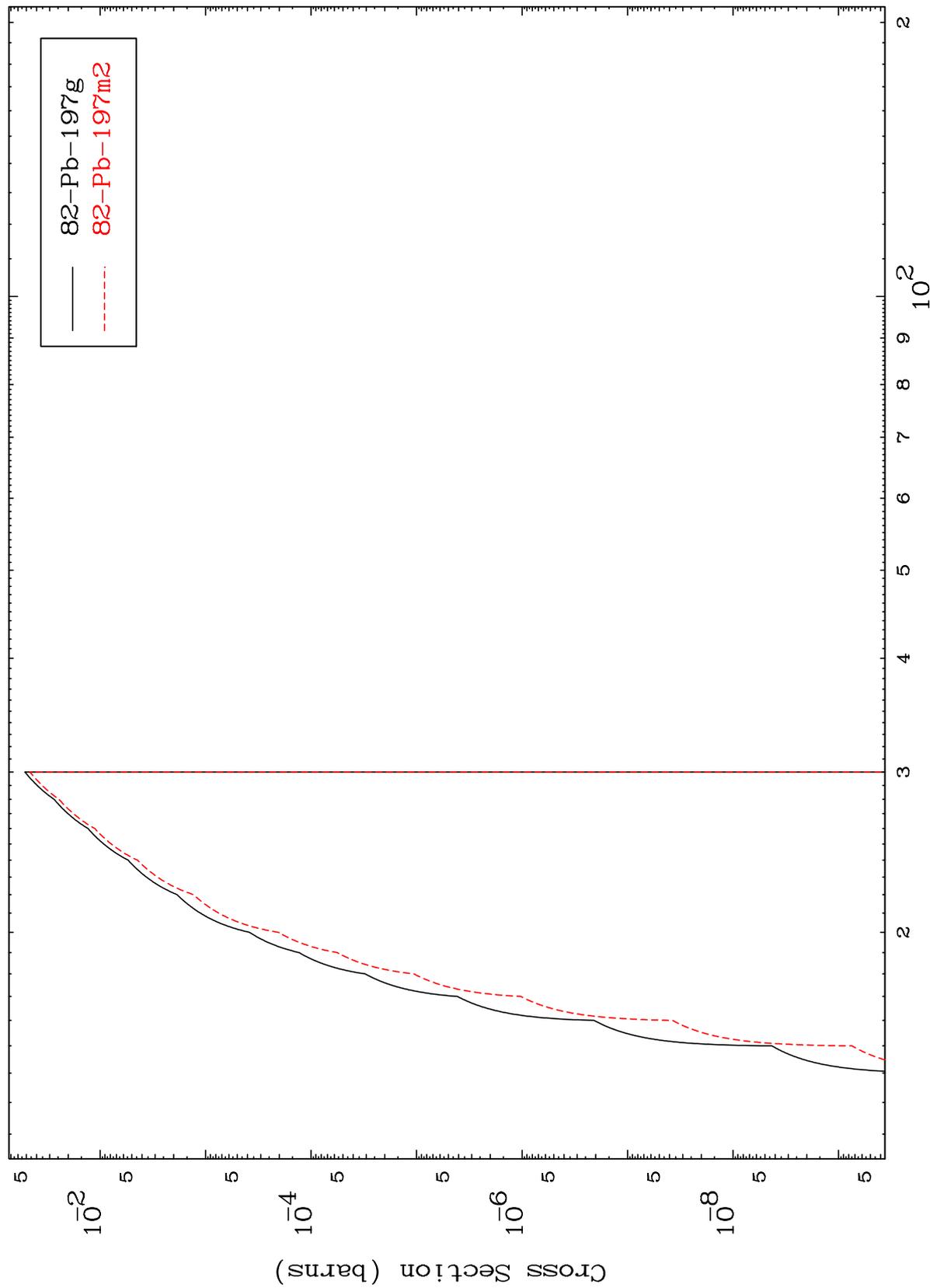
Incident Energy (MeV)

MAT 8207

(d,2n) p

82-Pb-198

Radionuclide Production Cross Section

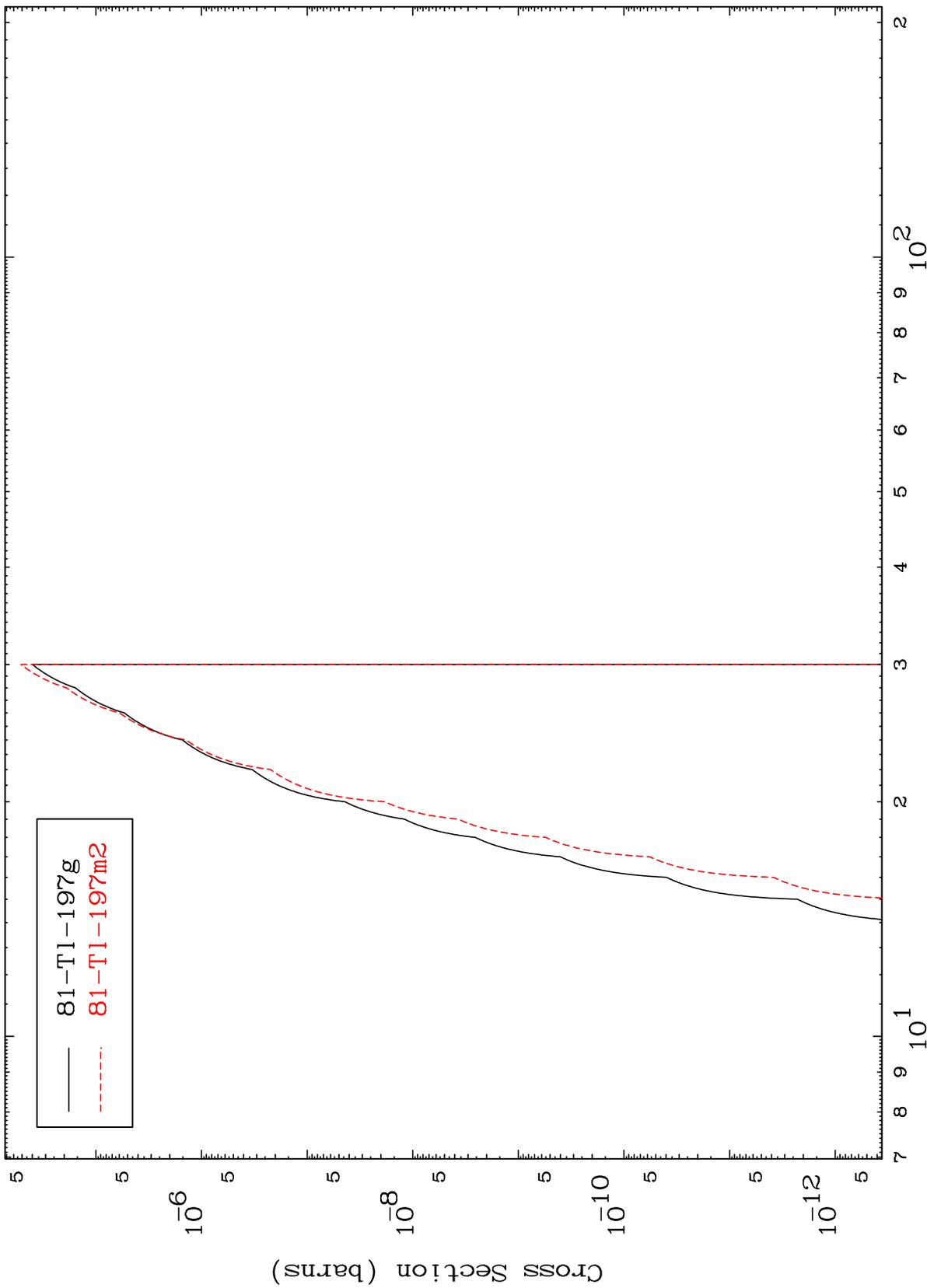


MAT 8207

(d,2n) p

82-Pb-198

Radionuclide Production Cross Section



81-Tl-197g
81-Tl-197m2

24

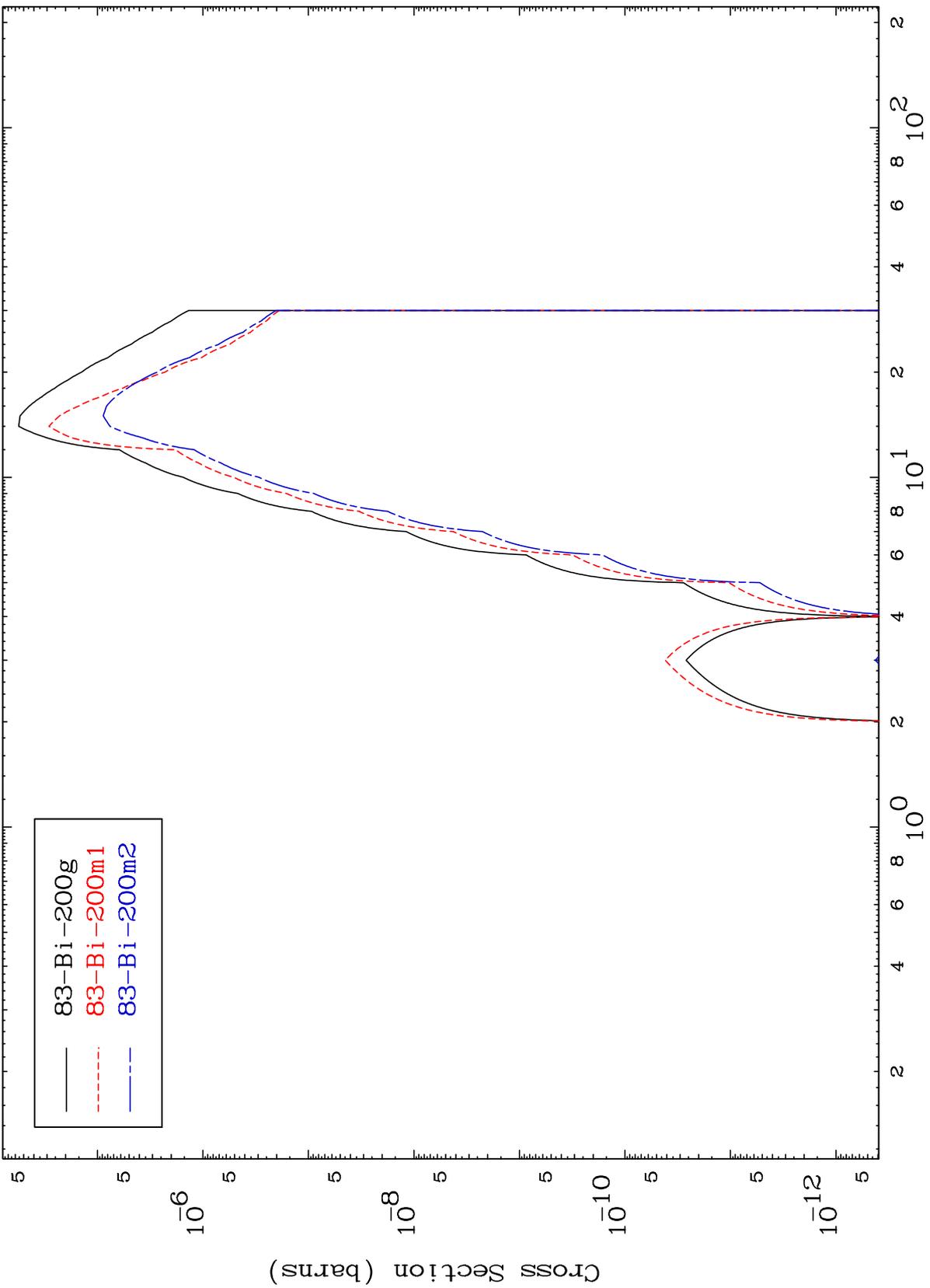
Incident Energy (MeV)

82-Pb-198

MAT 8207

82-Pb-198

Radionuclide Production Cross Section
(d, γ)



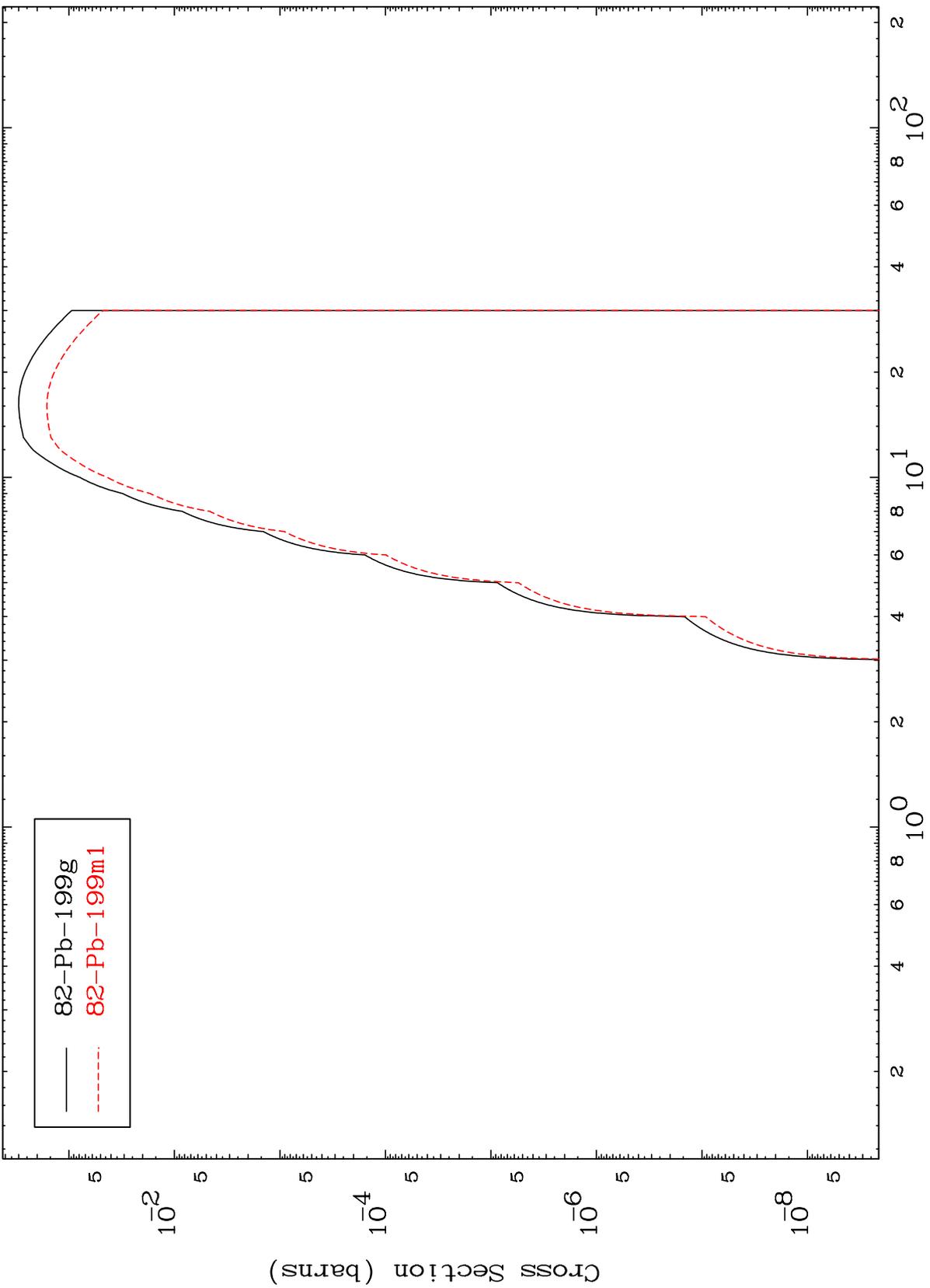
25

82-Pb-198

MAT 8207

82-Pb-198

(d,p)
Radionuclide Production Cross Section



82-Pb-198

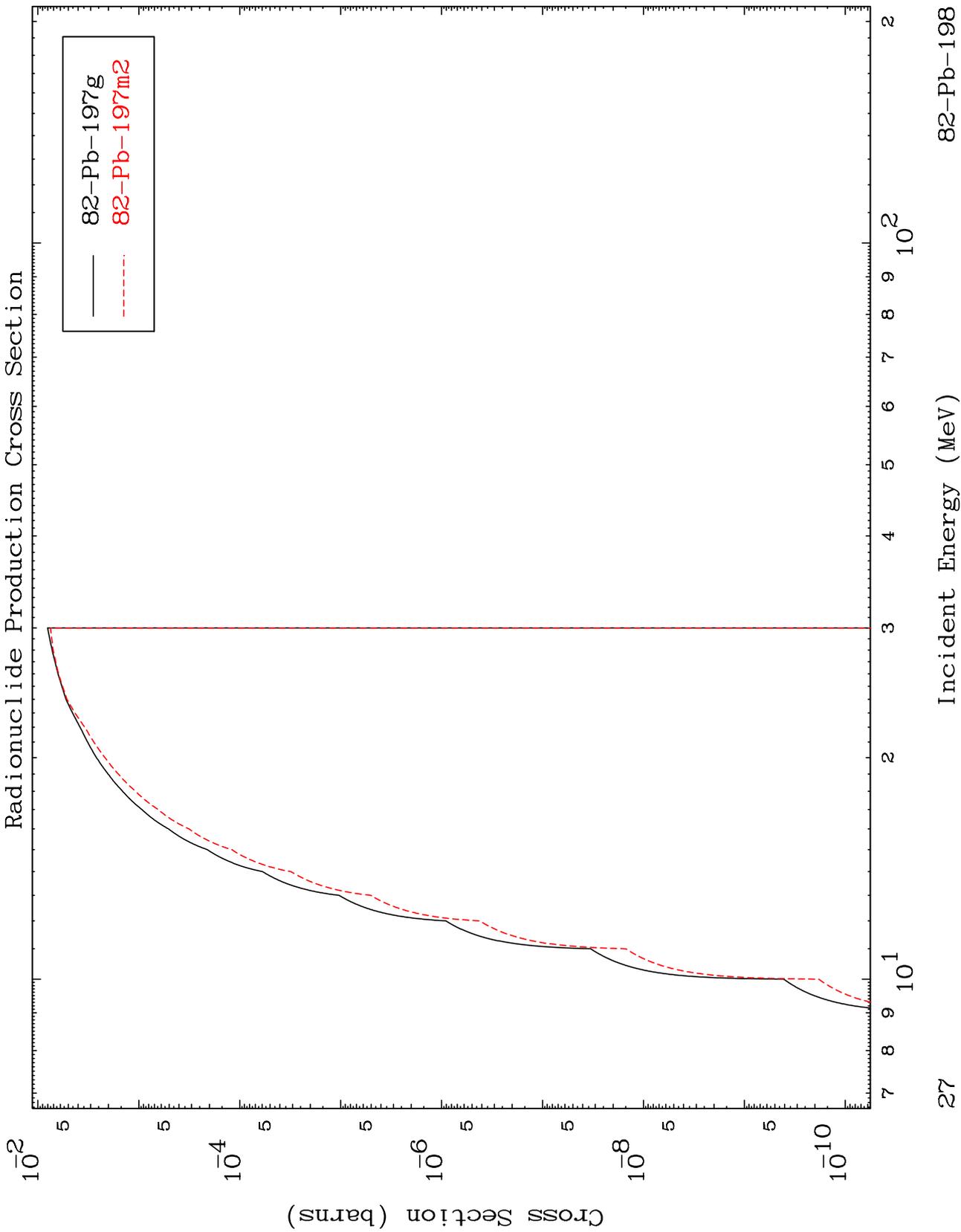
Incident Energy (MeV)

26

MAT 8207

(d, t)

82-Pb-198



27

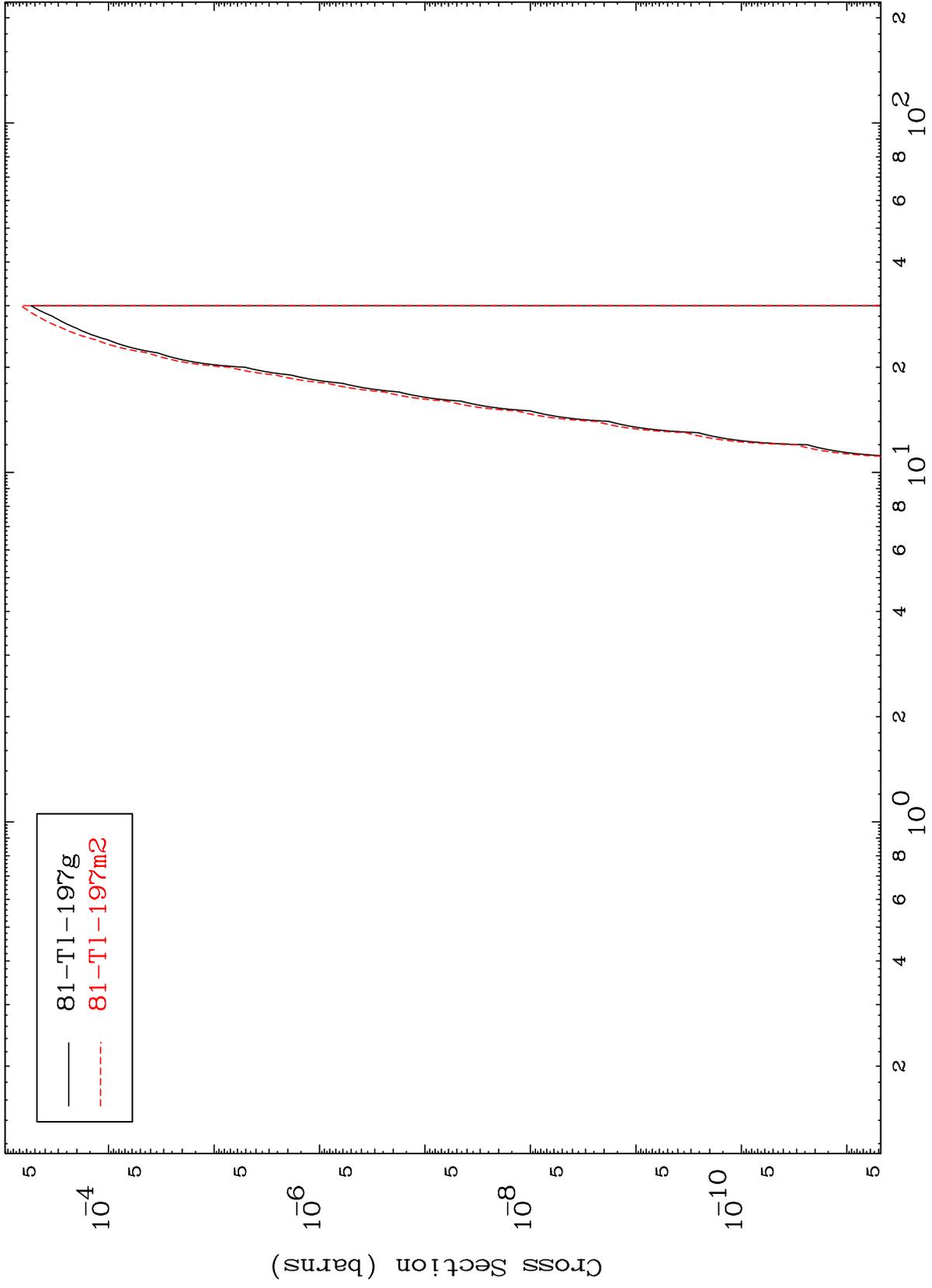
82-Pb-198

MAT 8207

(d,He-3)

82-Pb-198

Radionuclide Production Cross Section

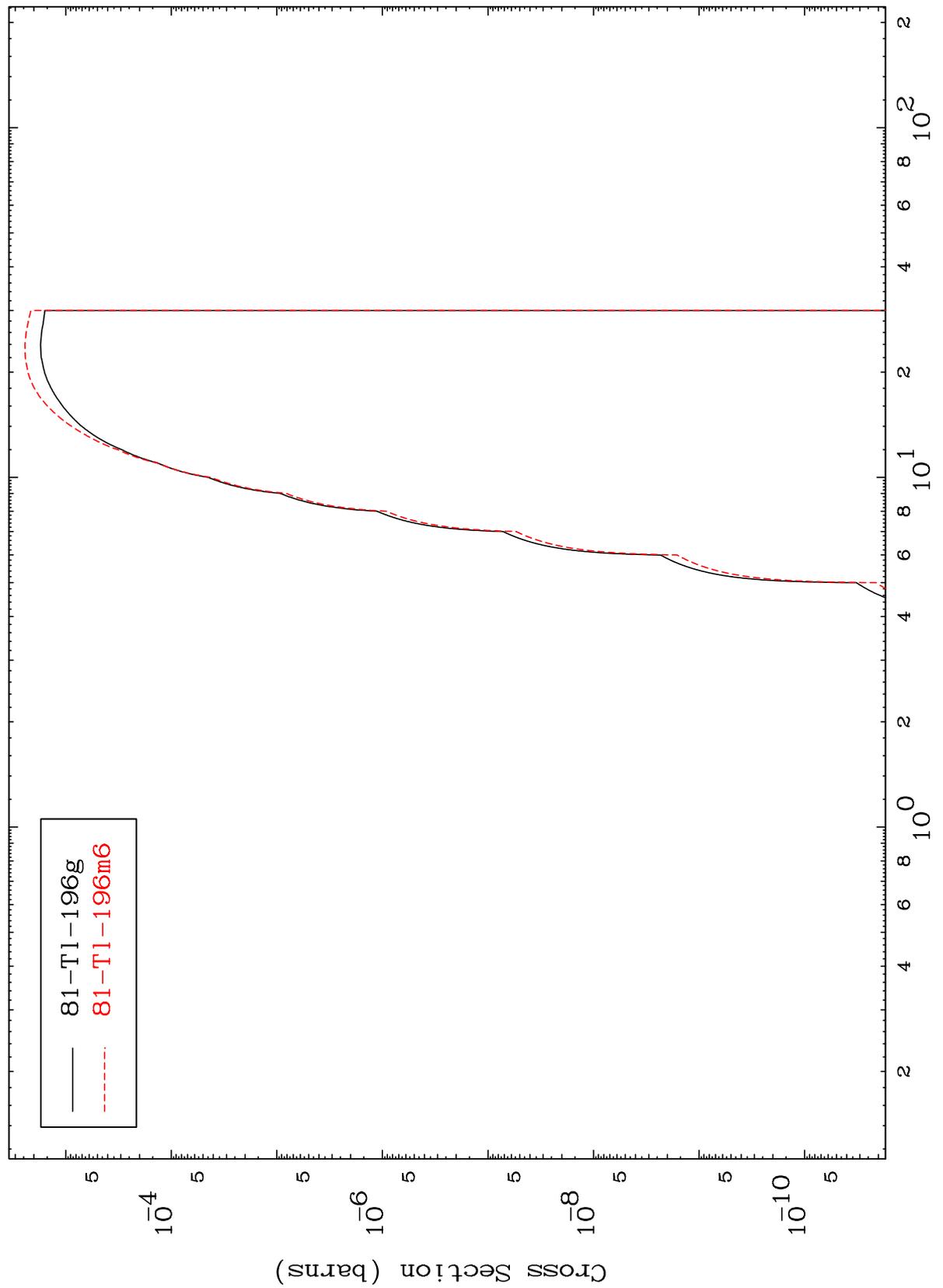


81-Tl-197g
81-Tl-197m2

MAT 8207

82-Pb-198

Radionuclide Production Cross Section
(d, α)



29

82-Pb-198

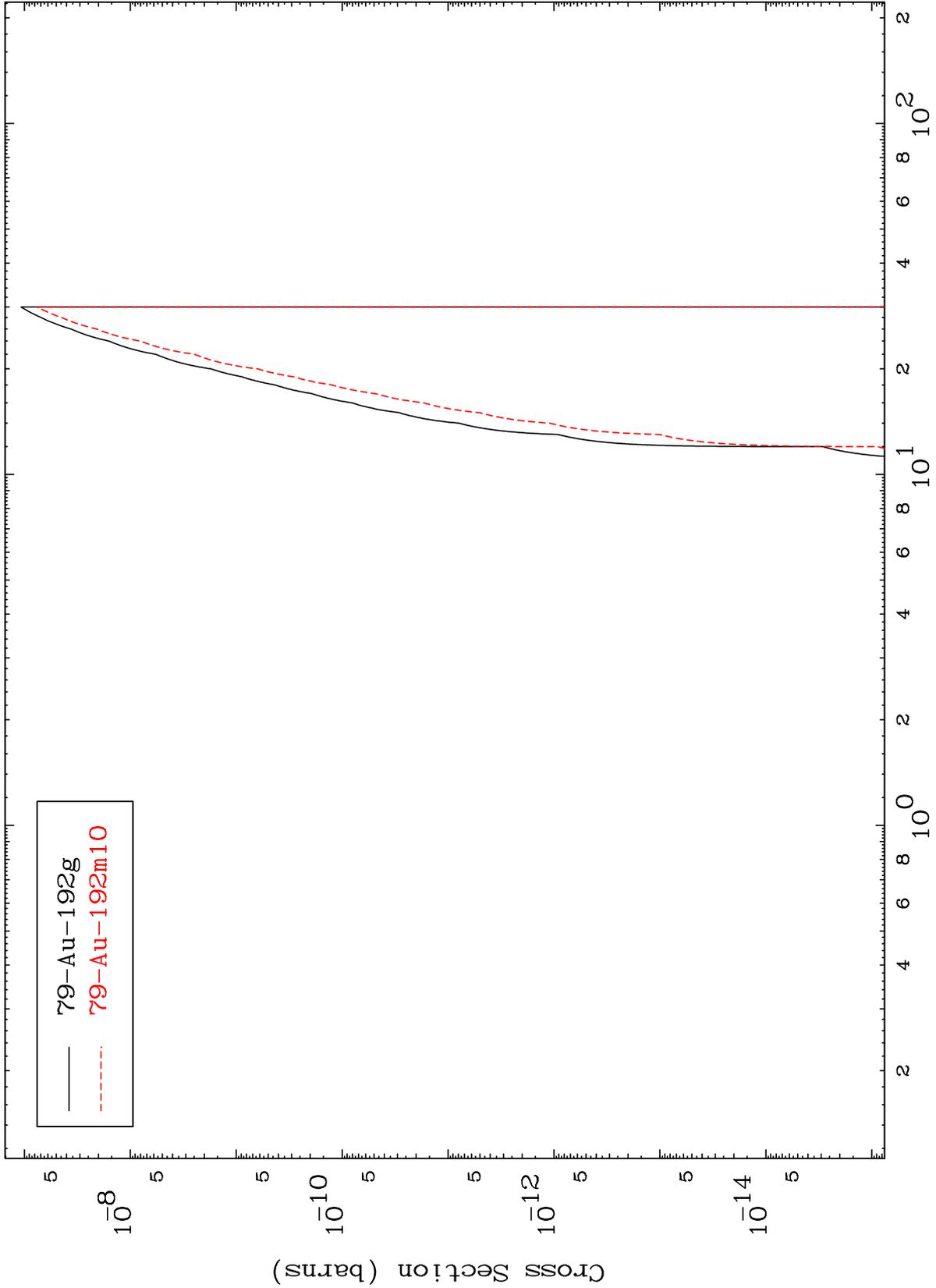
Incident Energy (MeV)

MAT 8207

(d,2 α)

82-Pb-198

Radionuclide Production Cross Section

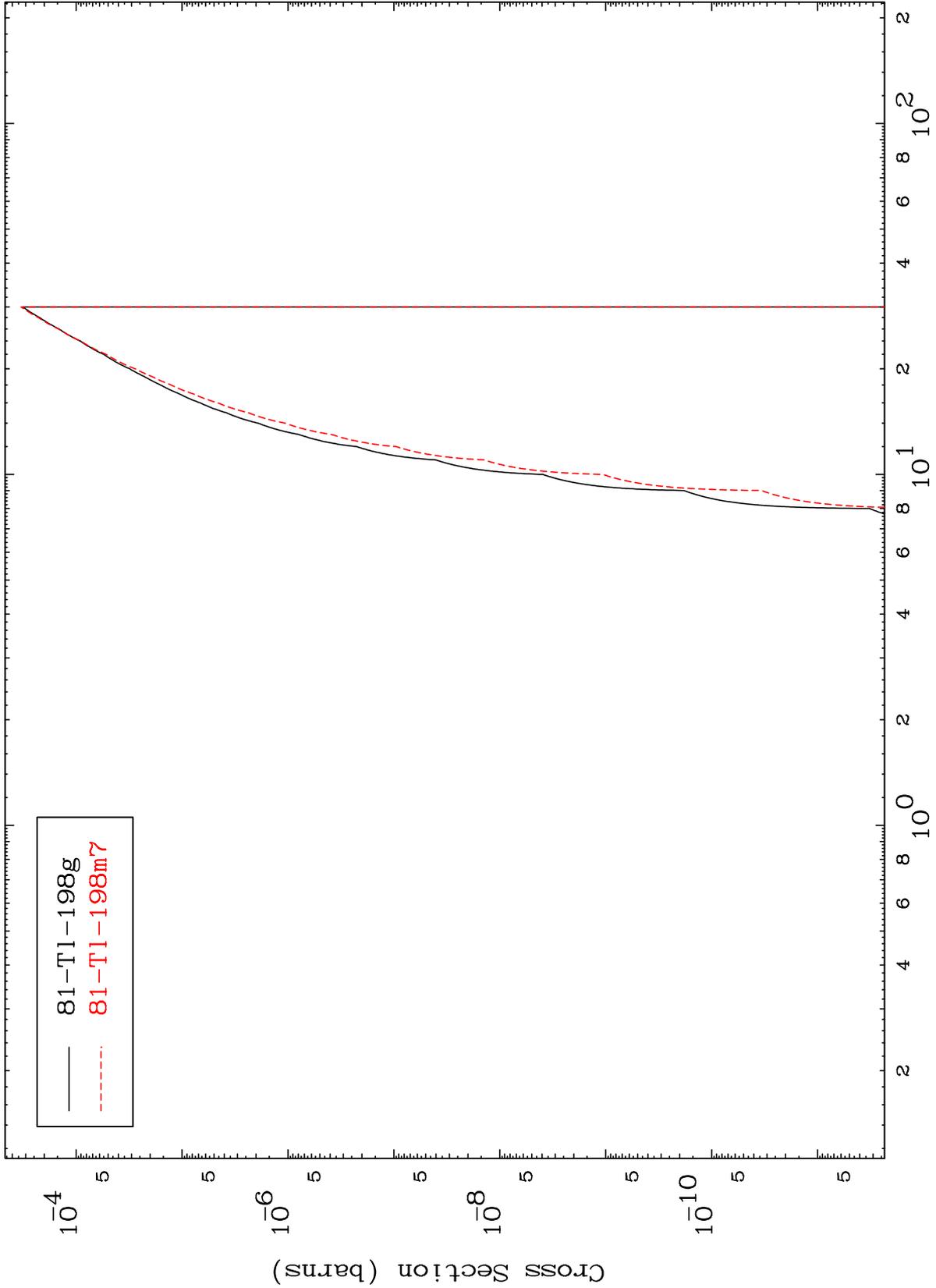


MAT 8207

(d,2p)

82-Pb-198

Radionuclide Production Cross Section



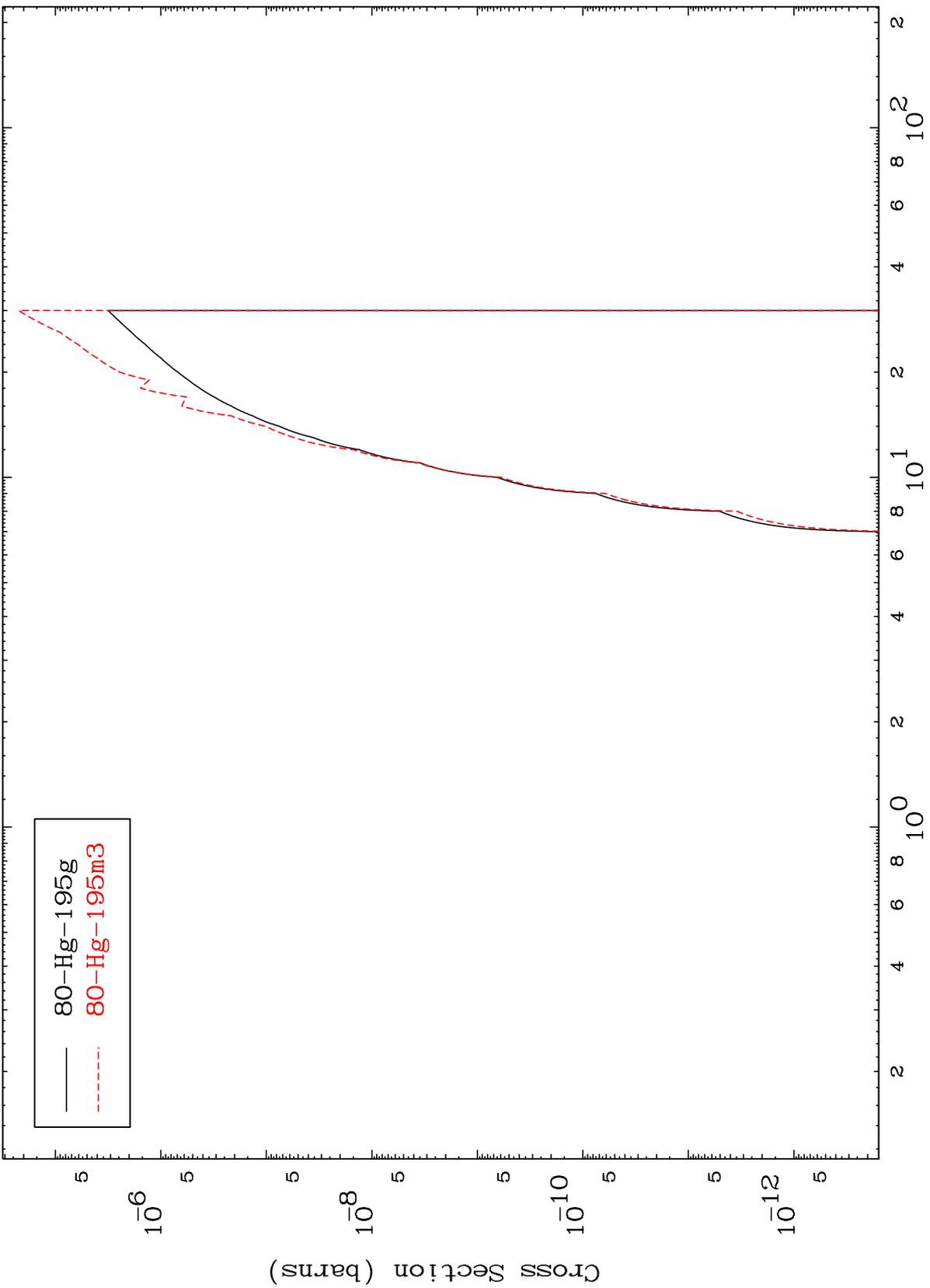
81-Tl-198g
81-Tl-198m7

MAT 8207

(d,p) α

82-Pb-198

Radionuclide Production Cross Section

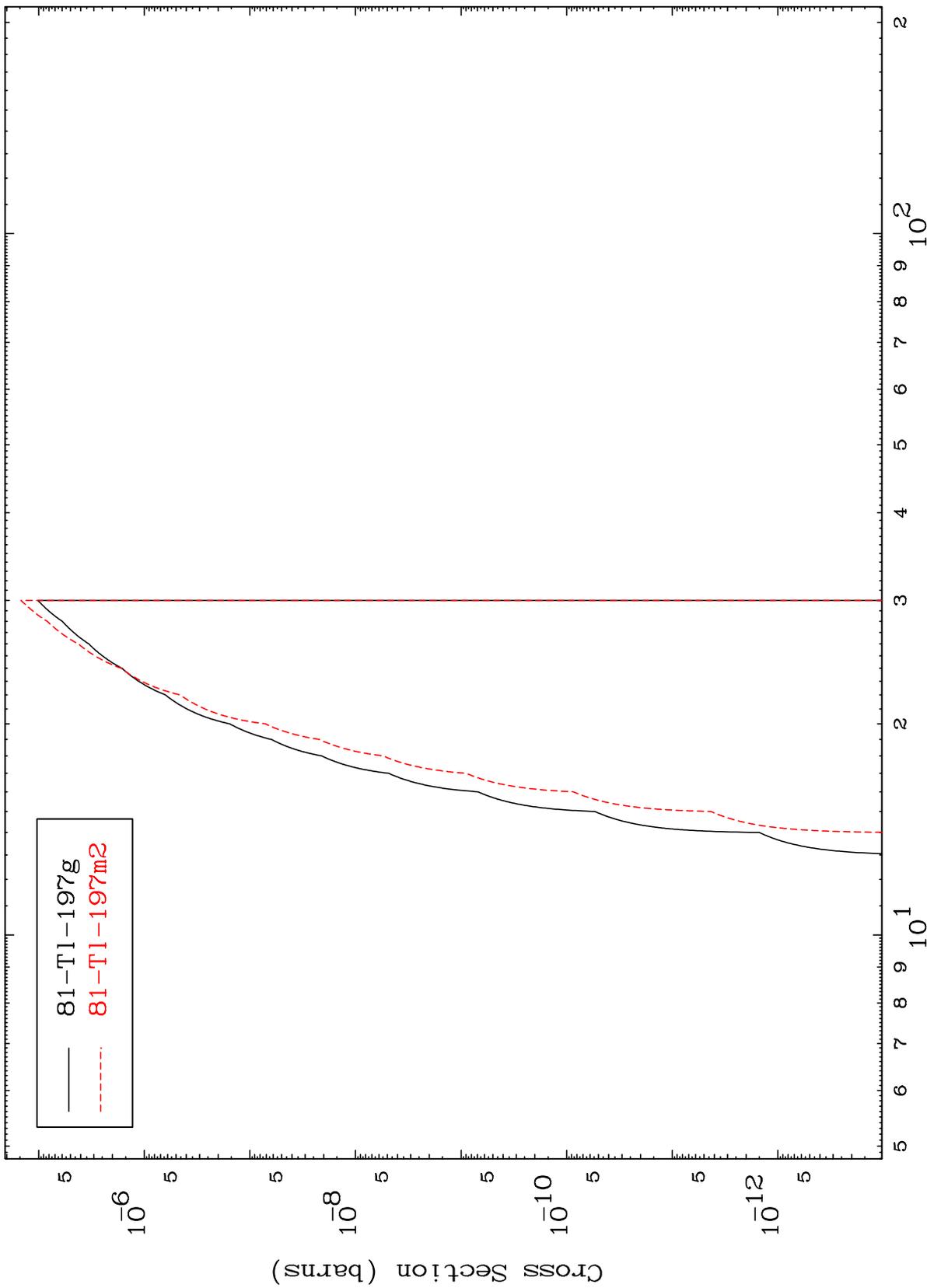


MAT 8207

(d,p) d

82-Pb-198

Radionuclide Production Cross Section



81-Tl-197g
81-Tl-197m2

Incident Energy (MeV)

82-Pb-198

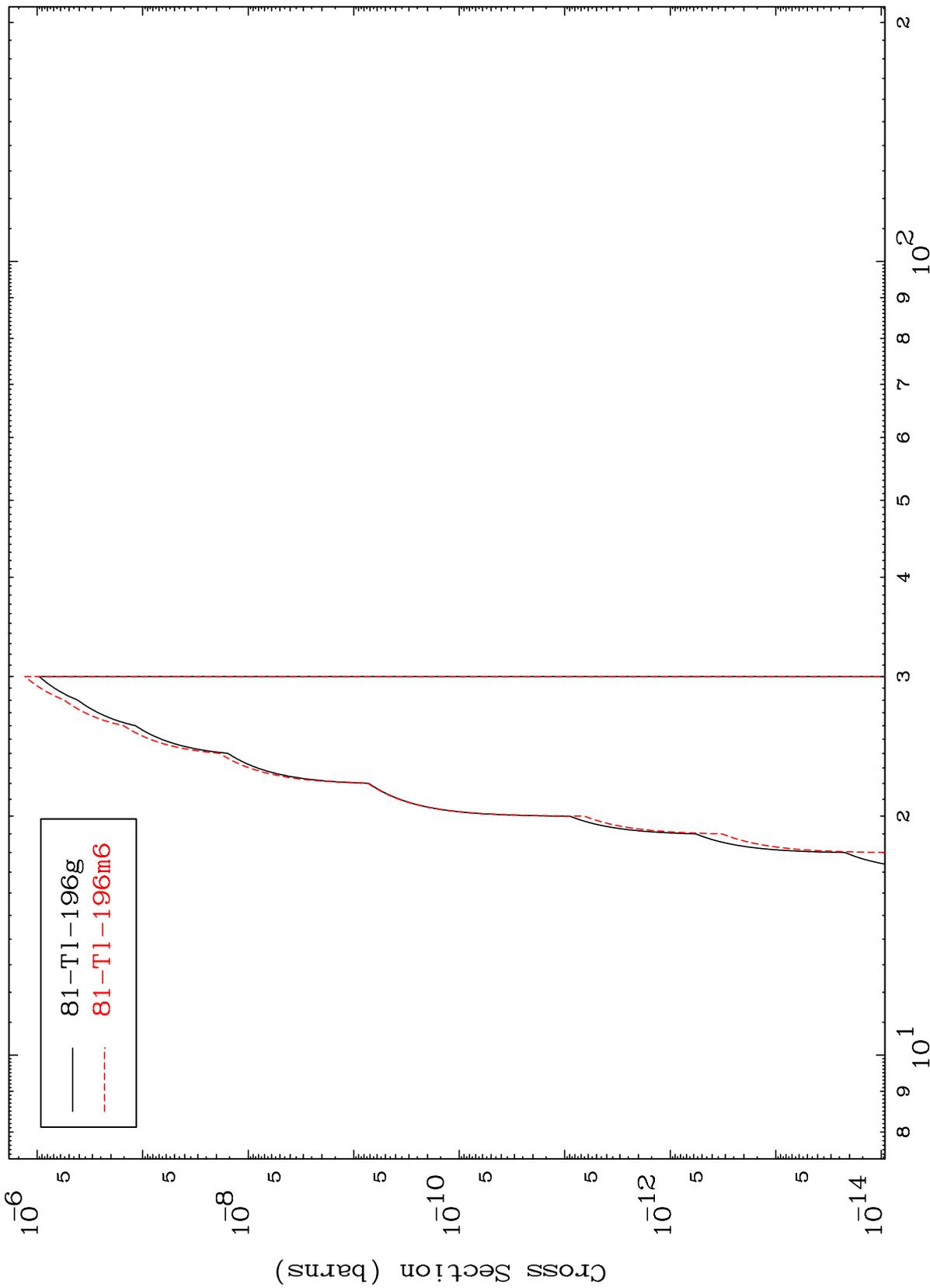
33

MAT 8207

(d,p) t

82-Pb-198

Radionuclide Production Cross Section



81-Tl-196g
81-Tl-196m6

34

Incident Energy (MeV)

82-Pb-198