

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

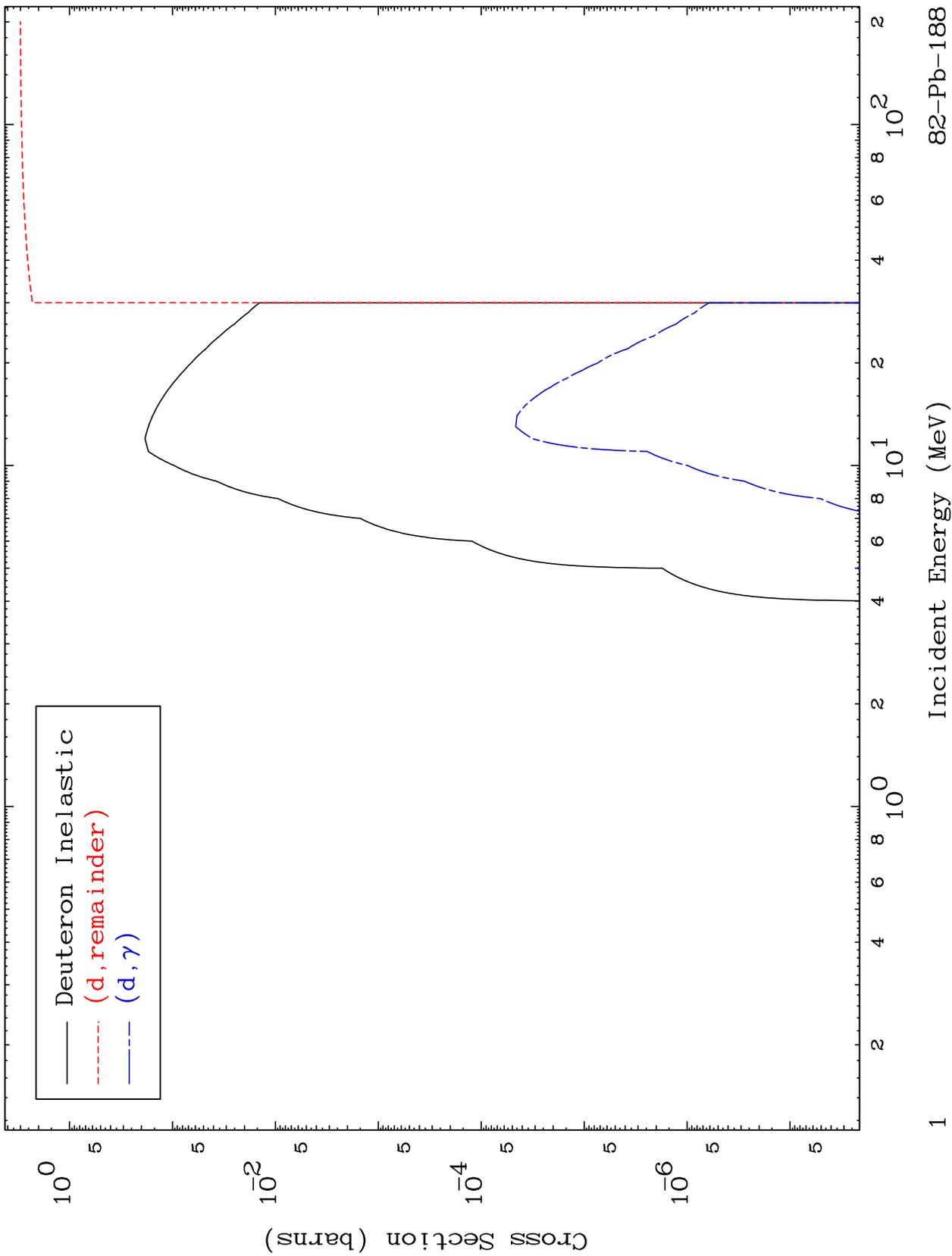
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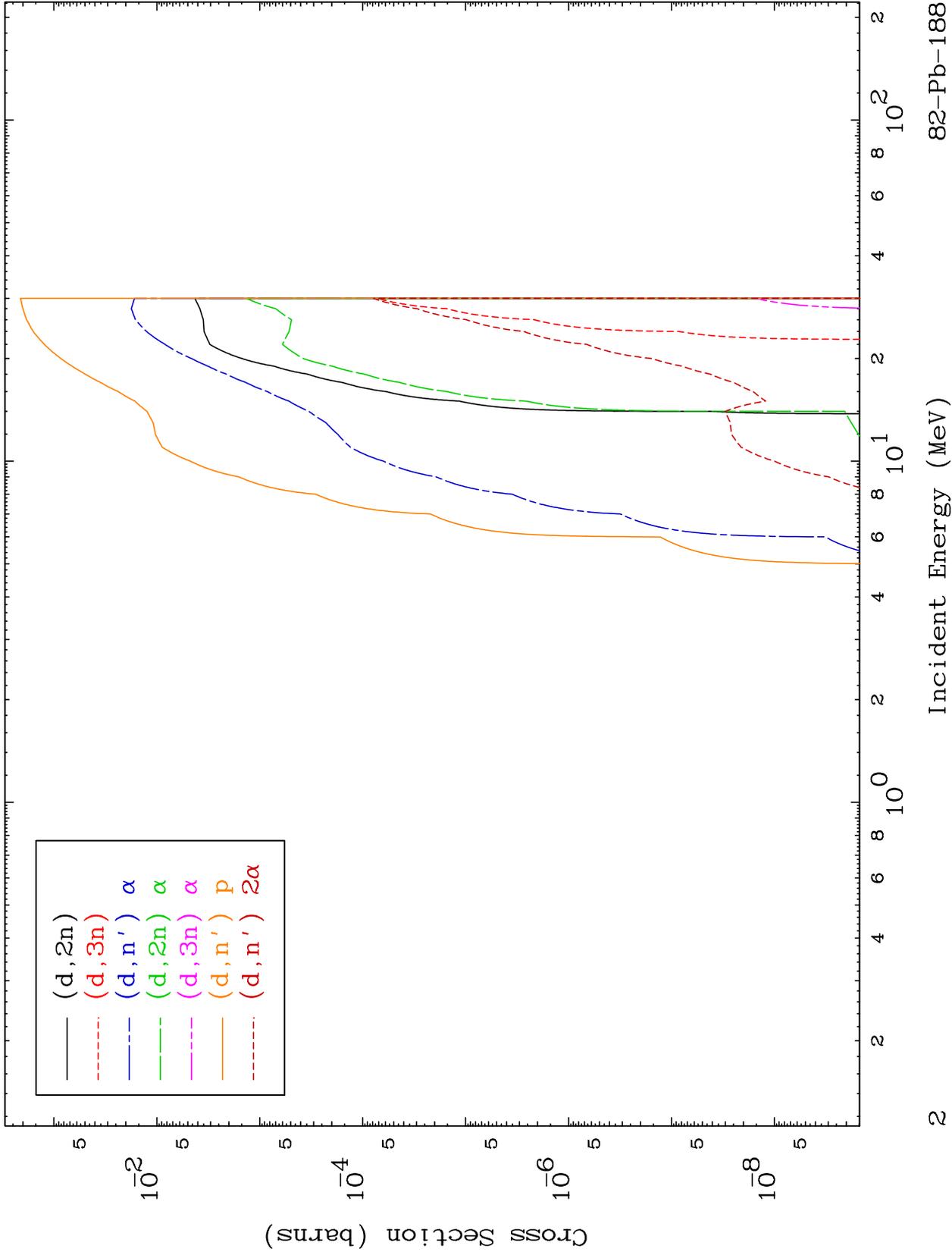
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

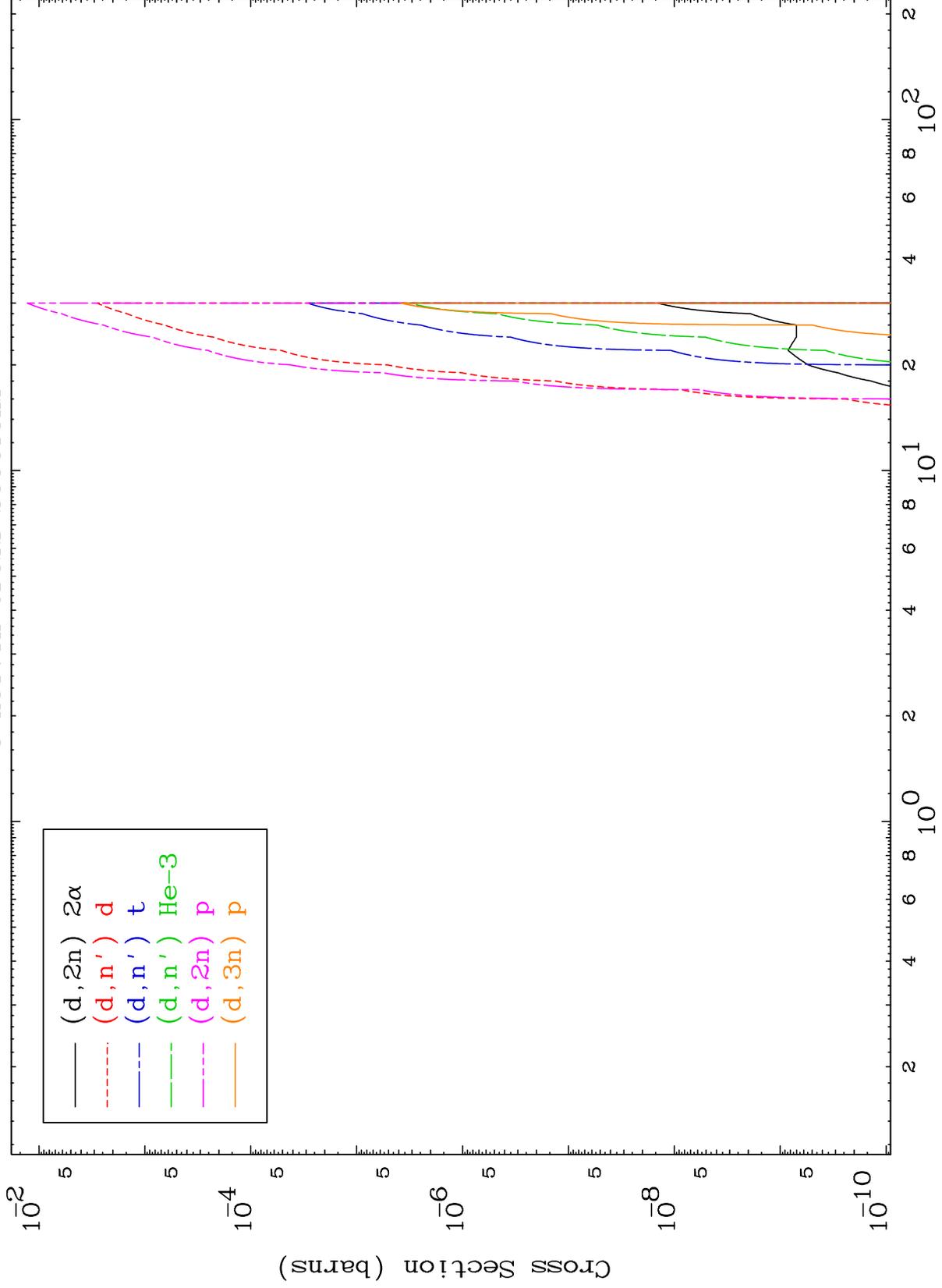


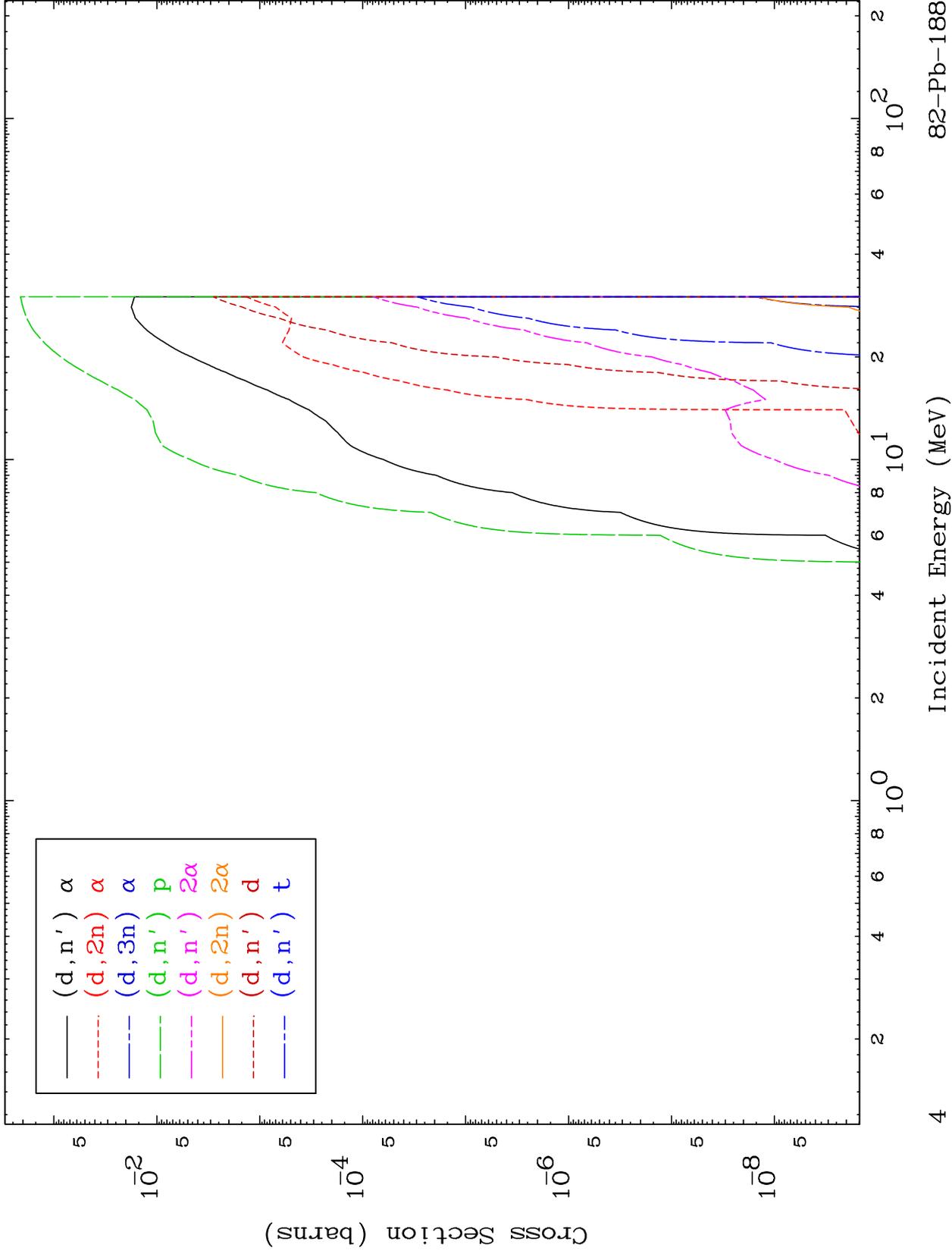


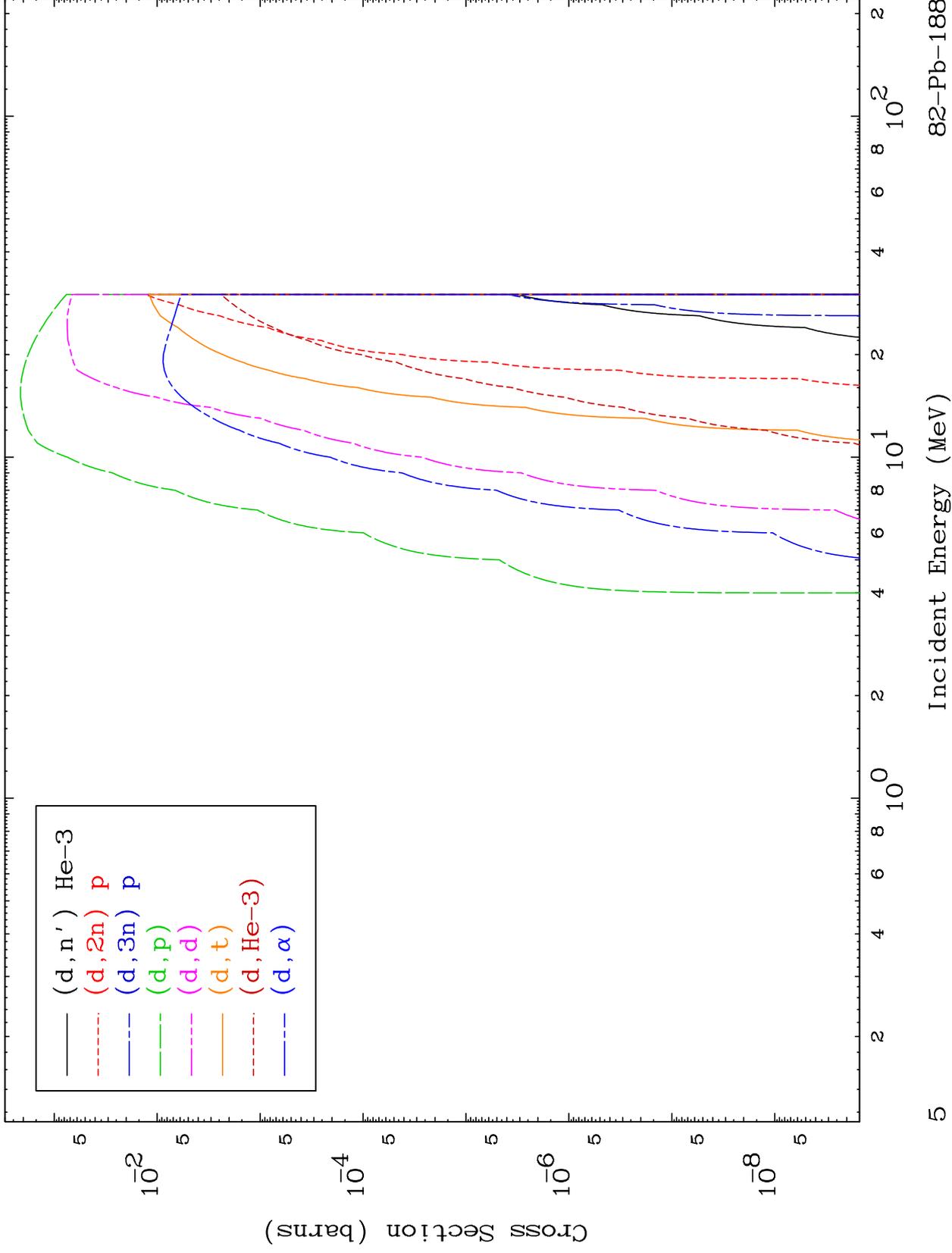
MAT 8177

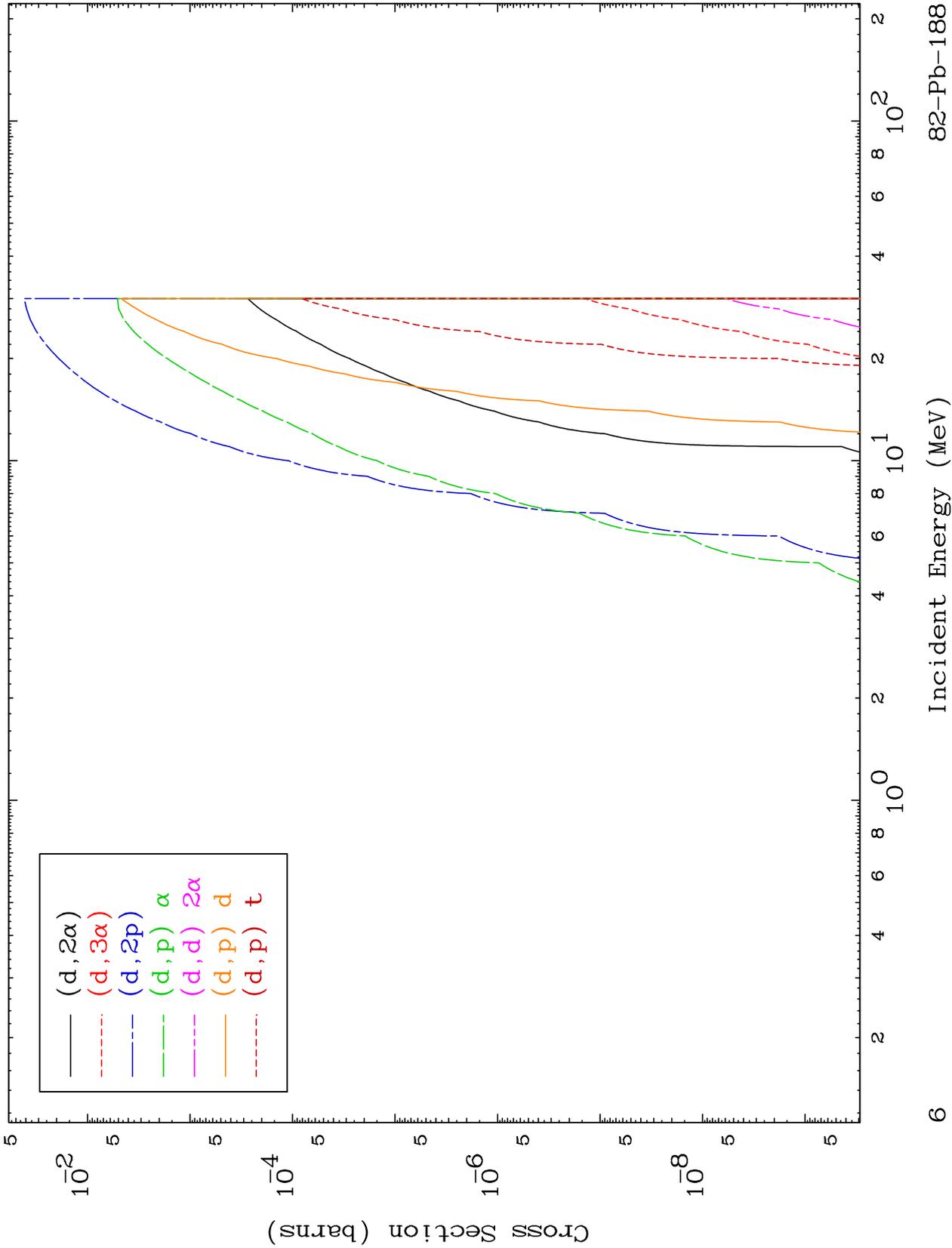
Deuteron Neutron Production  
0 Kelvin Cross Sections

82-Pb-188







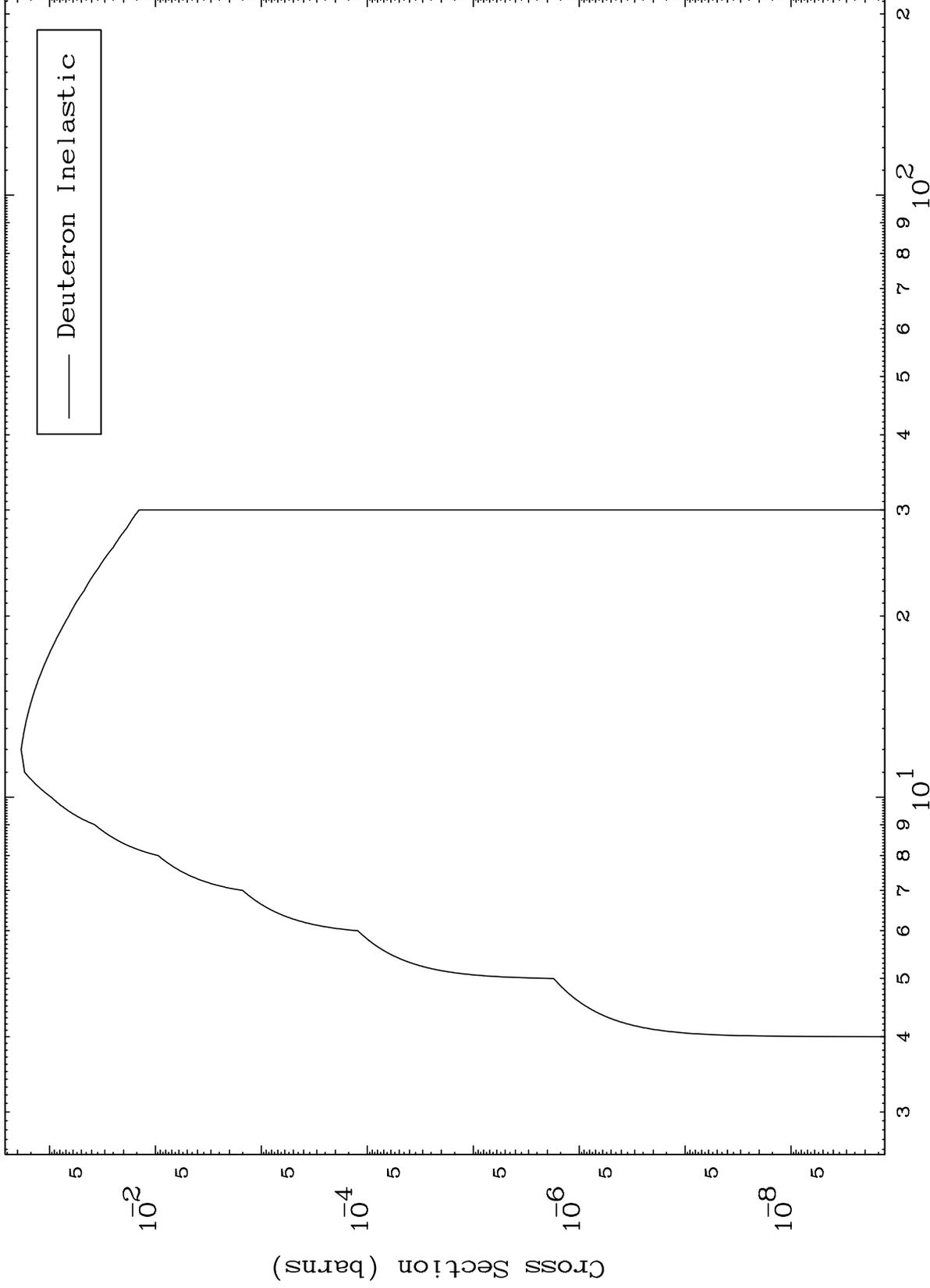


MAT 8177

(d,n') Level

82-Pb-188

0 Kelvin Cross Sections



7

Incident Energy (MeV)

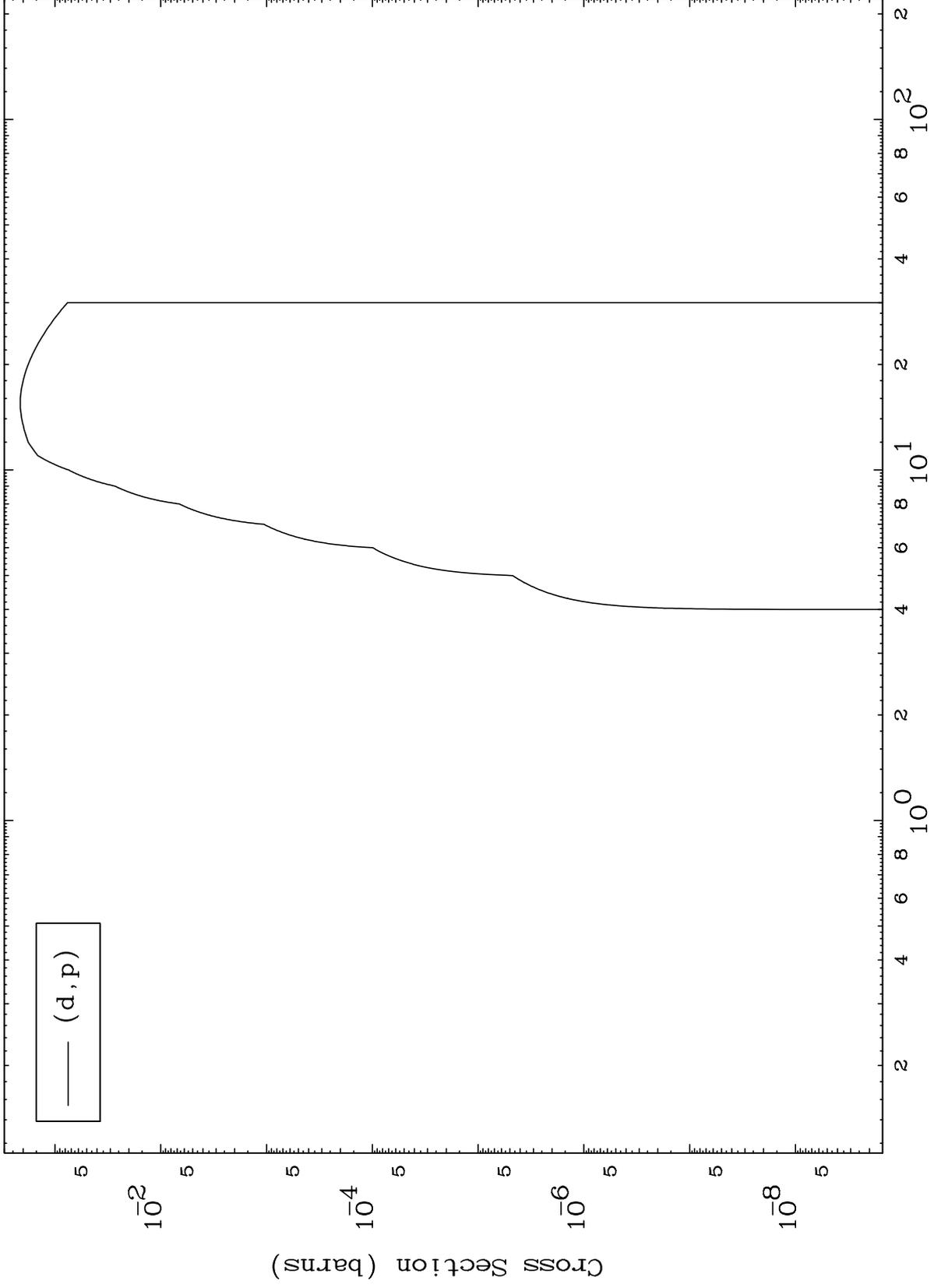
82-Pb-188

MAT 8177

(d,p) Levels

82-Pb-188

0 Kelvin Cross Sections

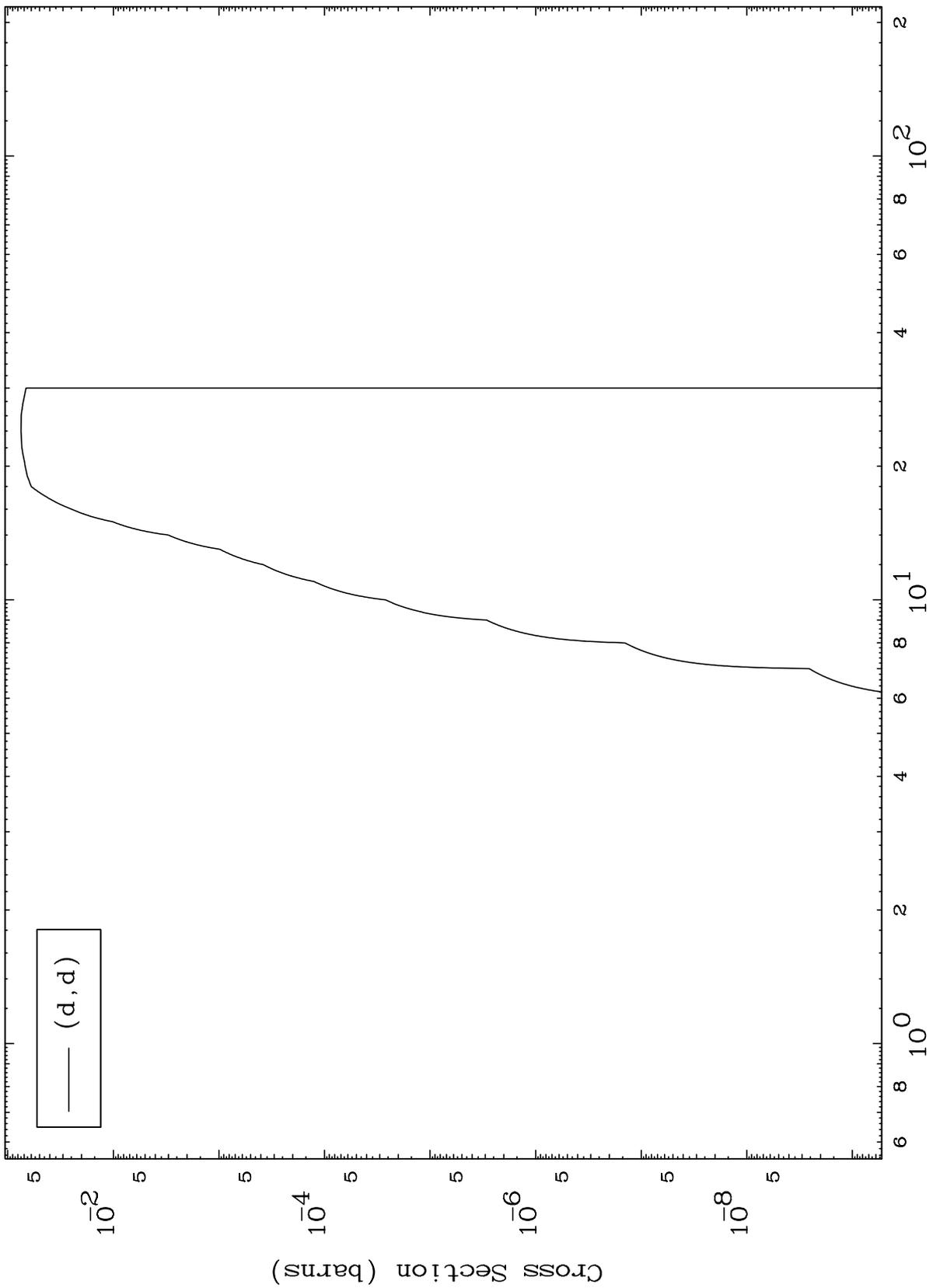


MAT 8177

(d,d) Levels

82-Pb-188

0 Kelvin Cross Sections



(d,d)

9

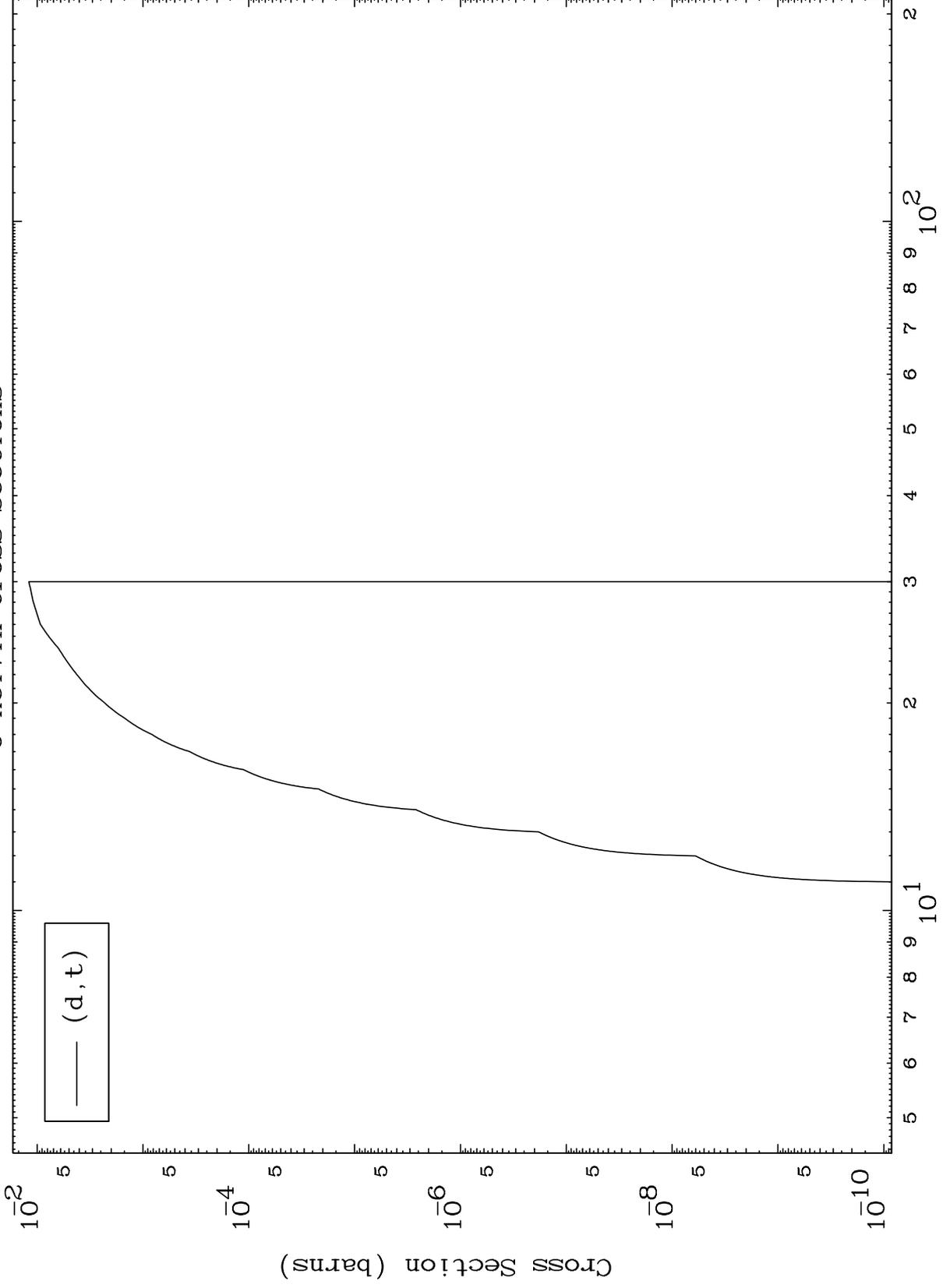
Incident Energy (MeV)

82-Pb-188

MAT 8177

(d,t) Levels  
0 Kelvin Cross Sections

82-Pb-188



10

Incident Energy (MeV)

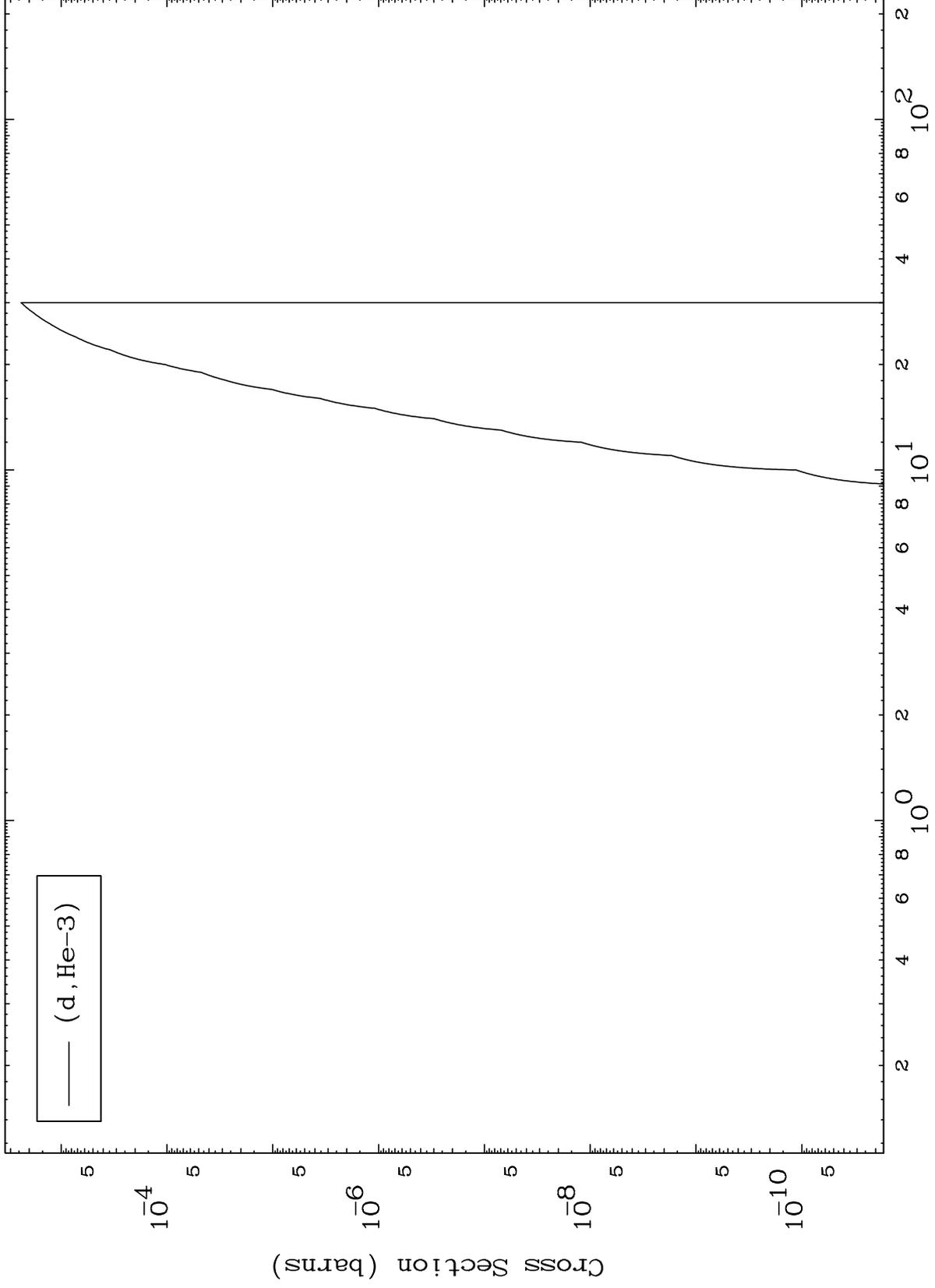
82-Pb-188

MAT 8177

(d,He3) Levels

82-Pb-188

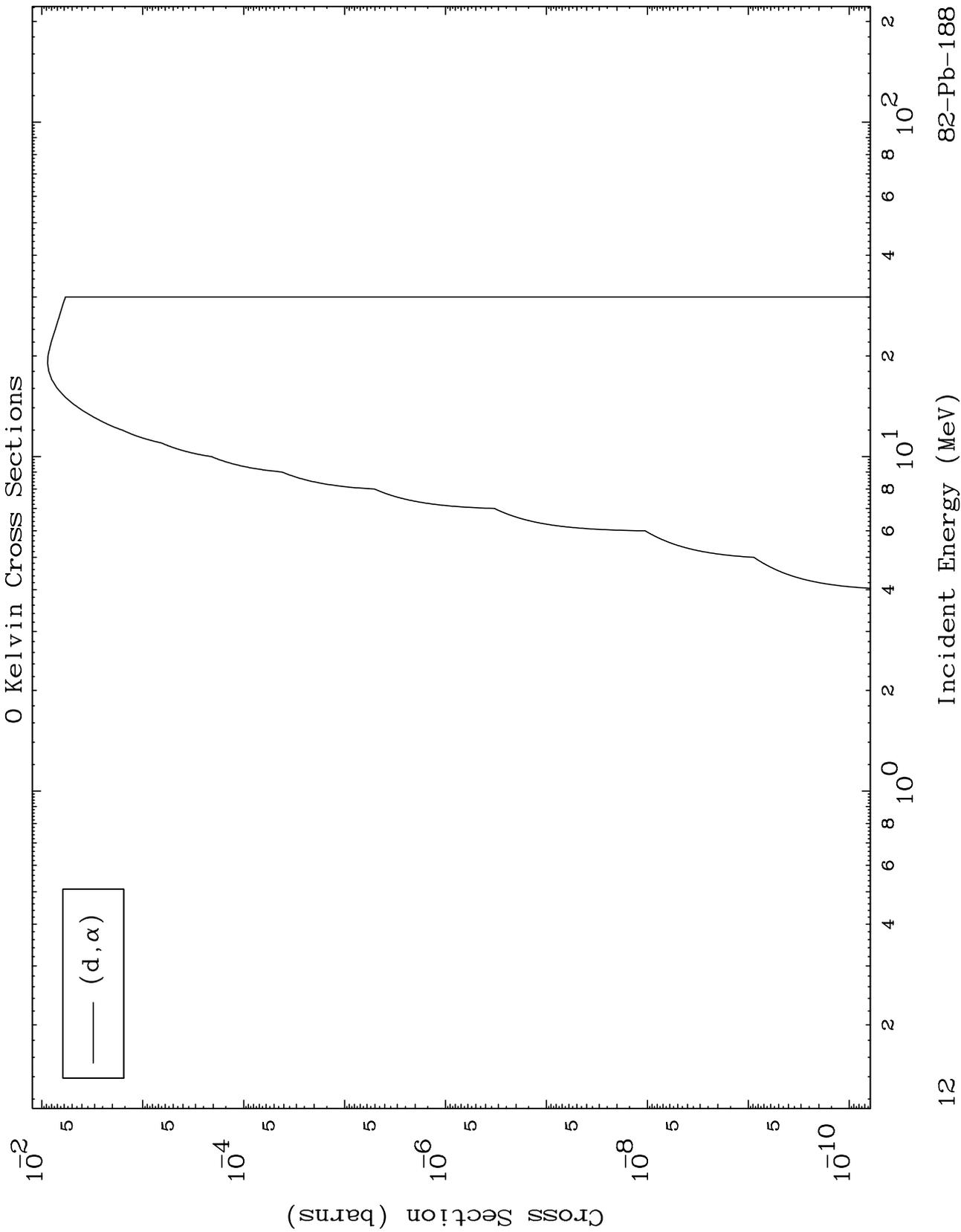
0 Kelvin Cross Sections



MAT 8177

(d,  $\alpha$ ) Levels

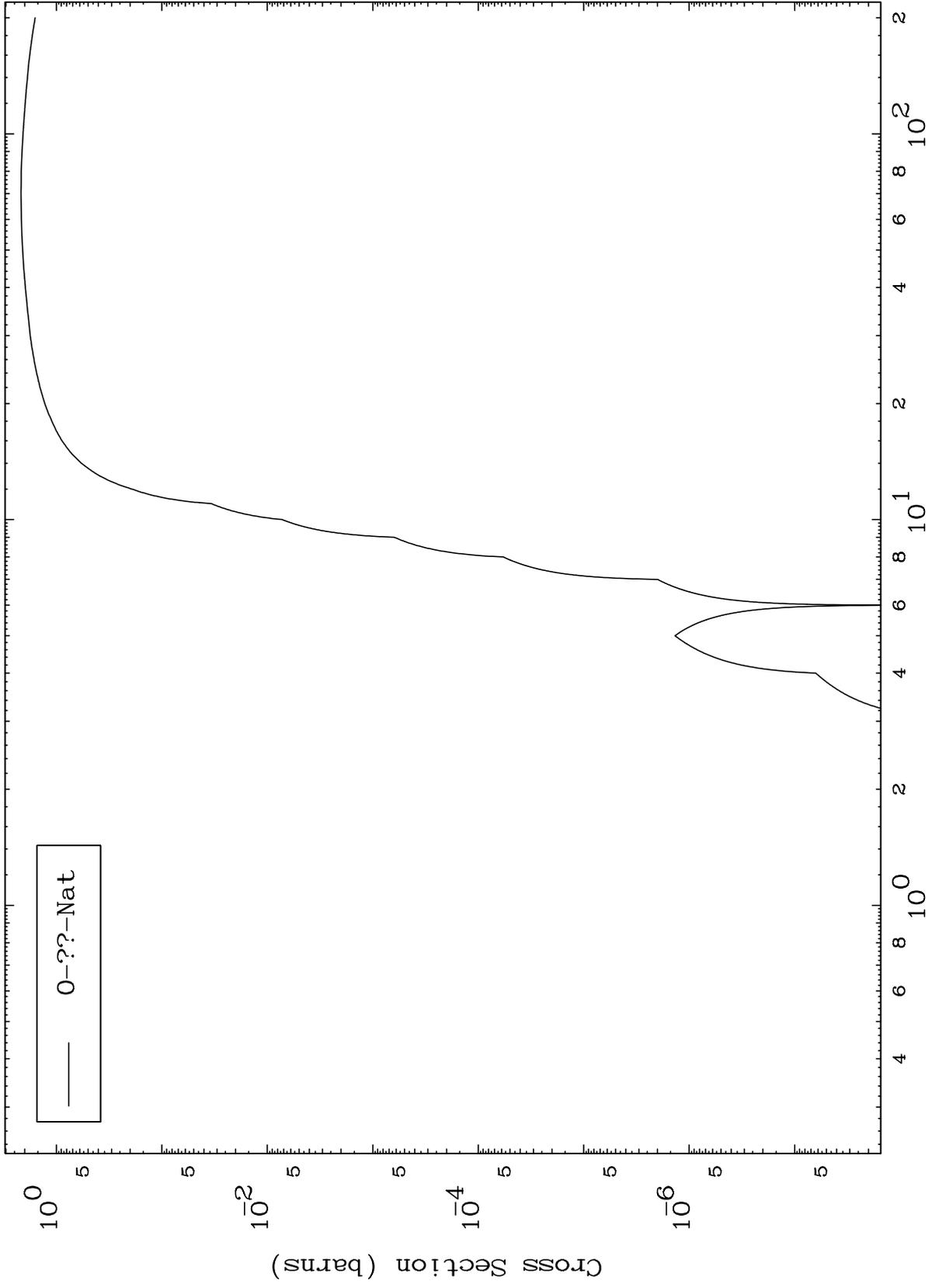
82-Pb-188



MAT 8177

82-Pb-188

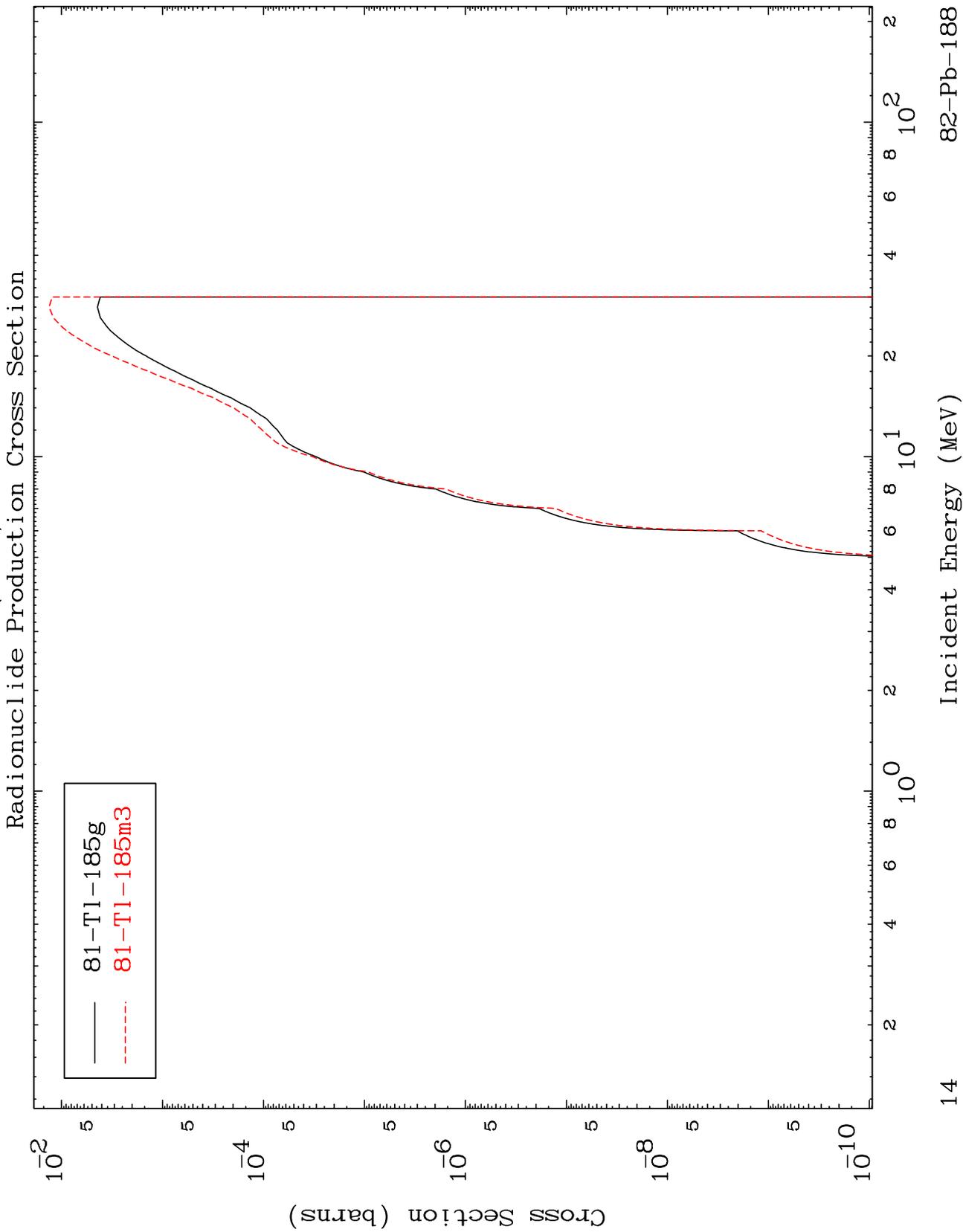
Deuteron Fission  
Radionuclide Production Cross Section



MAT 8177

(d,n')  $\alpha$

82-Pb-188



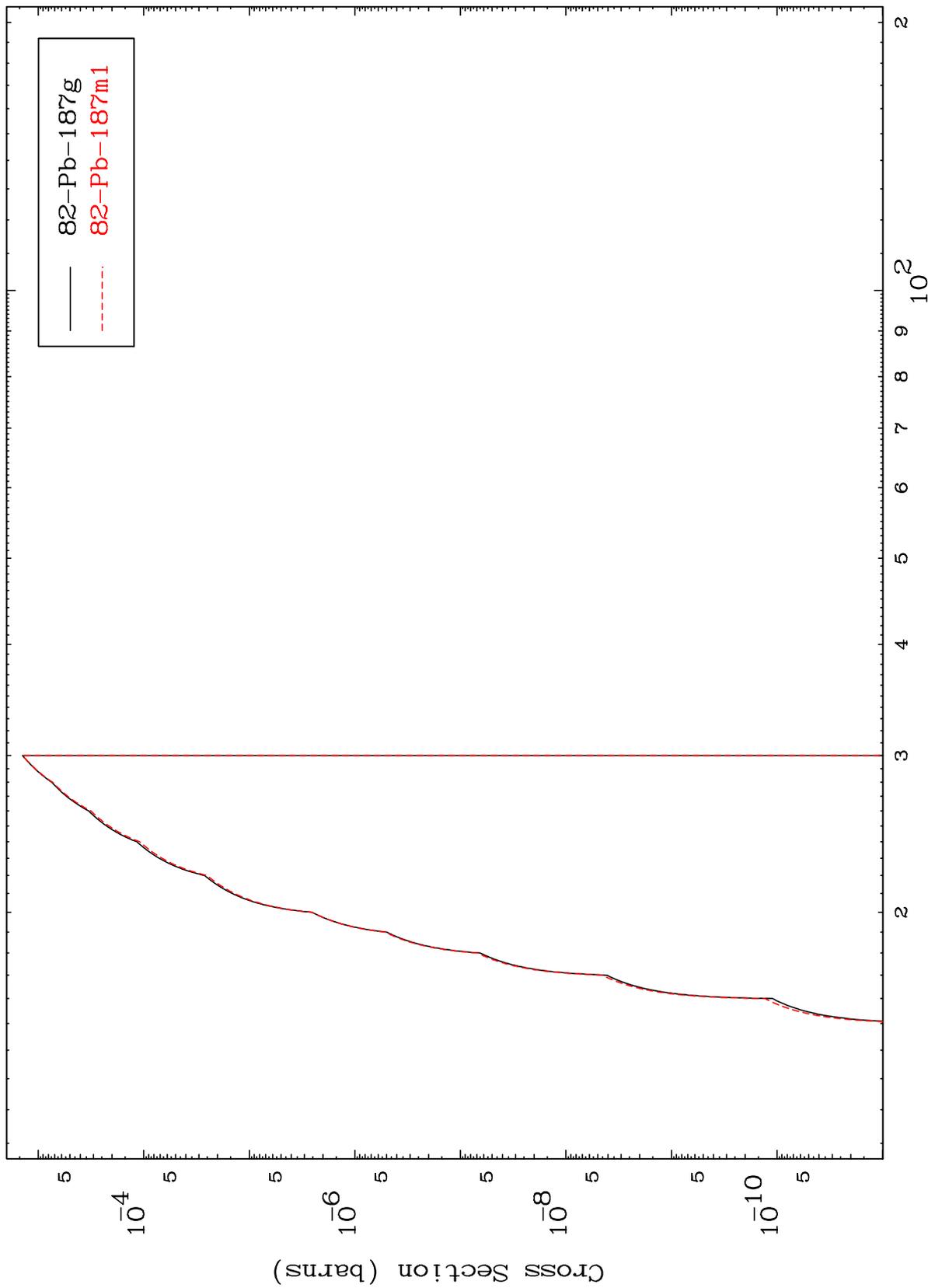
81-Tl-185g  
81-Tl-185m3

MAT 8177

82-Pb-188

(d,n') d

Radionuclide Production Cross Section



15

Incident Energy (MeV)

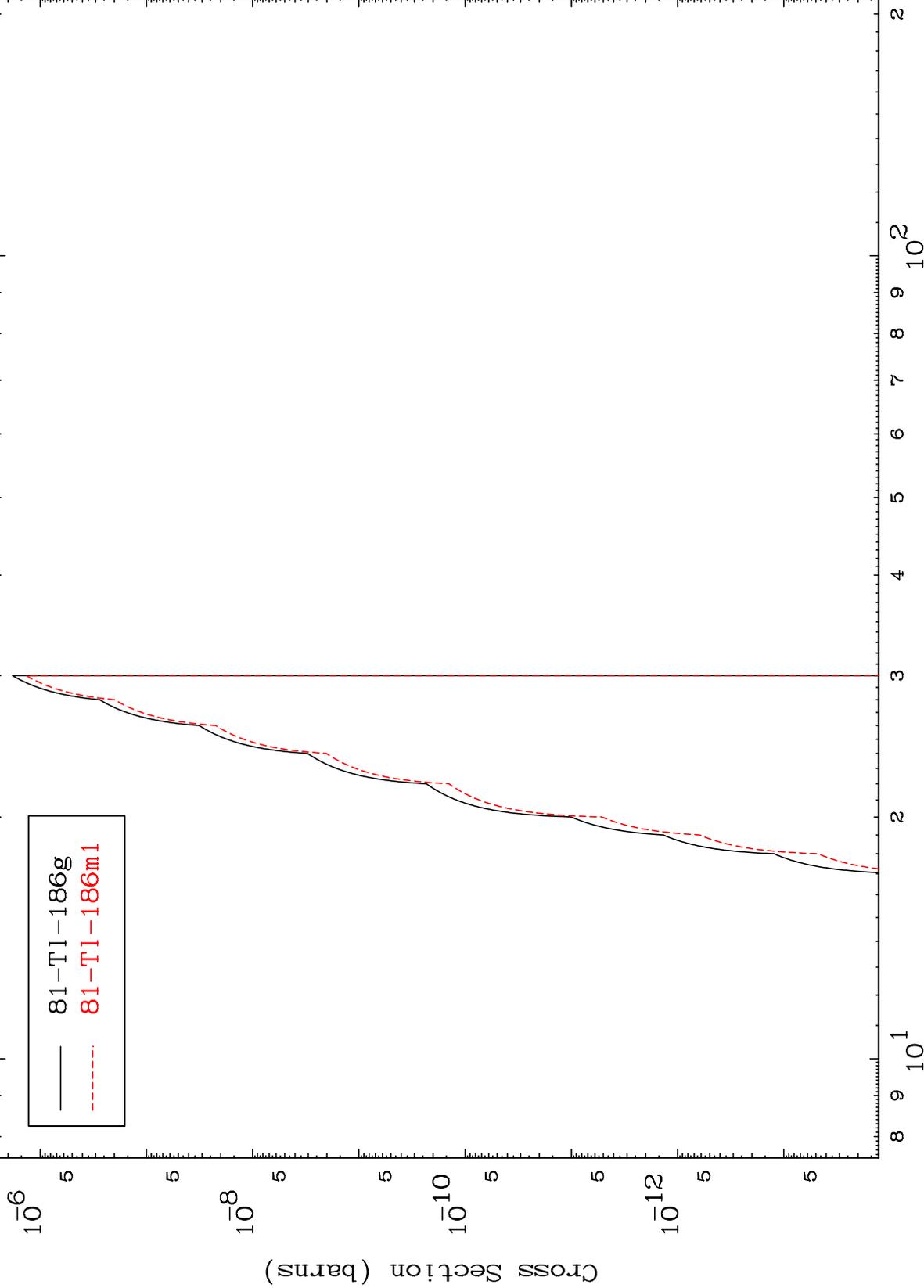
82-Pb-188

MAT 8177

(d,n') He-3

82-Pb-188

Radionuclide Production Cross Section



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

16

Incident Energy (MeV)

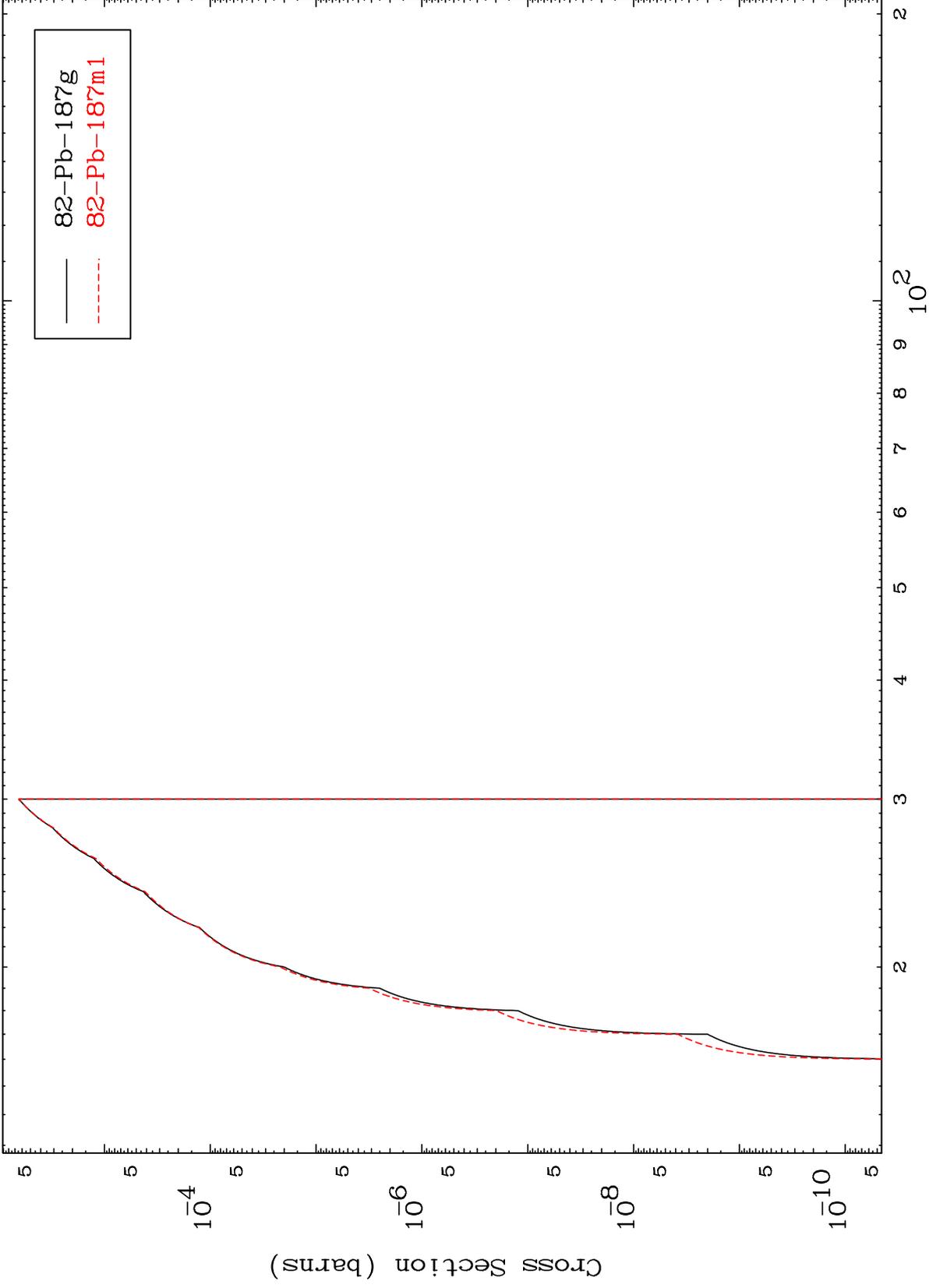
82-Pb-188

MAT 8177

(d,2n) p

82-Pb-188

Radionuclide Production Cross Section



17

Incident Energy (MeV)

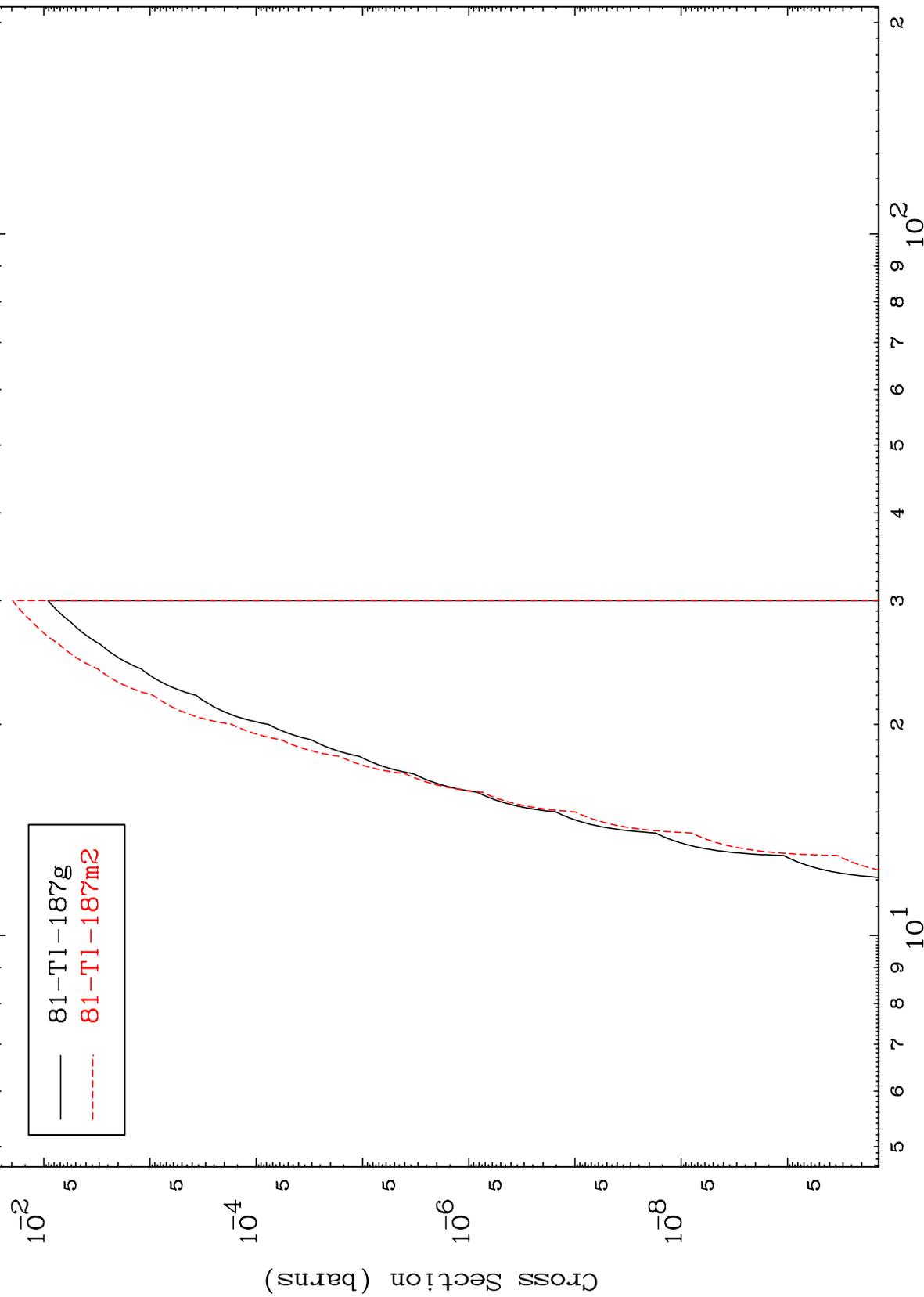
82-Pb-188

MAT 8177

(d,2n) p

82-Pb-188

Radionuclide Production Cross Section



18

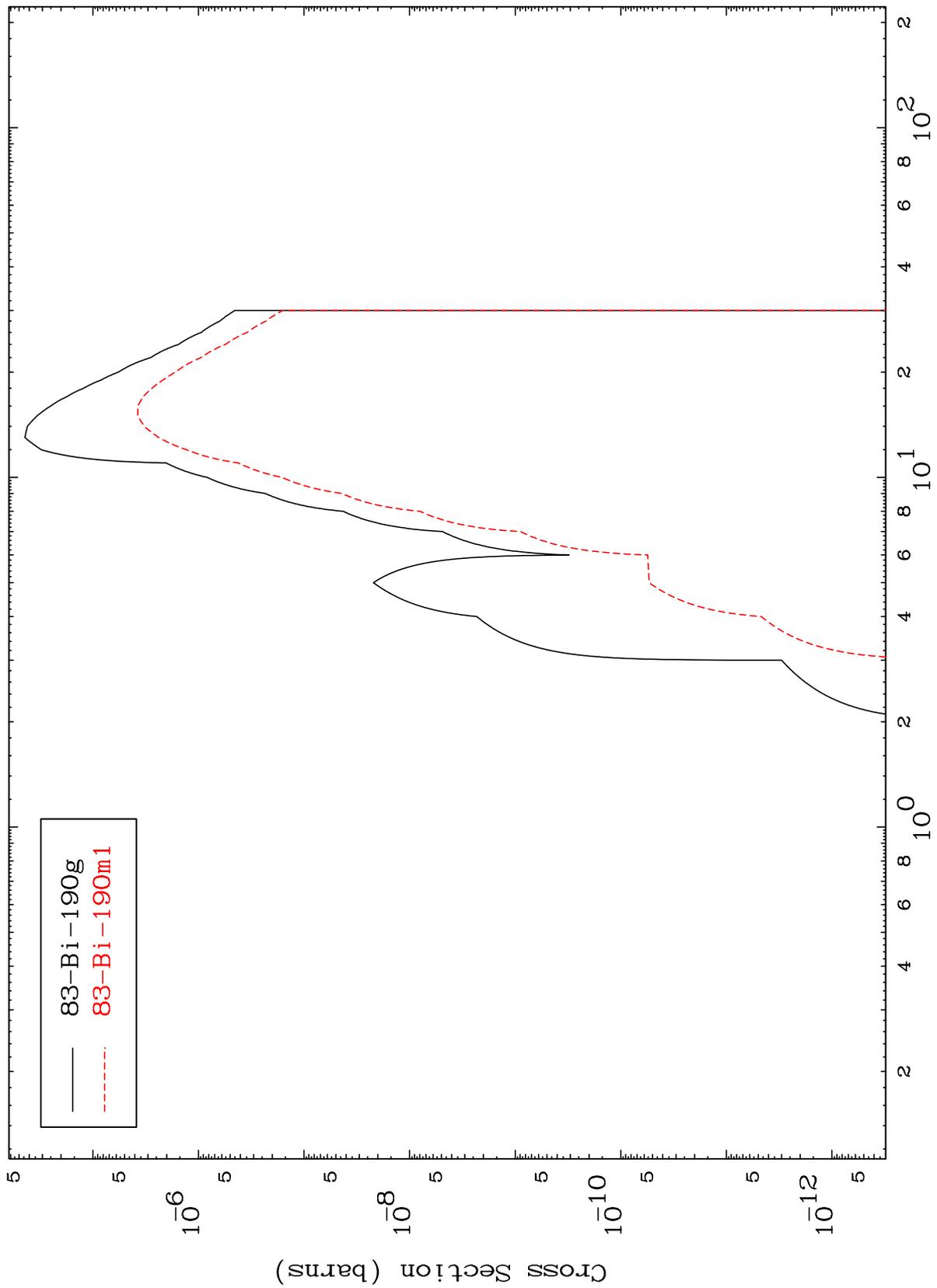
Incident Energy (MeV)

82-Pb-188

MAT 8177

82-Pb-188

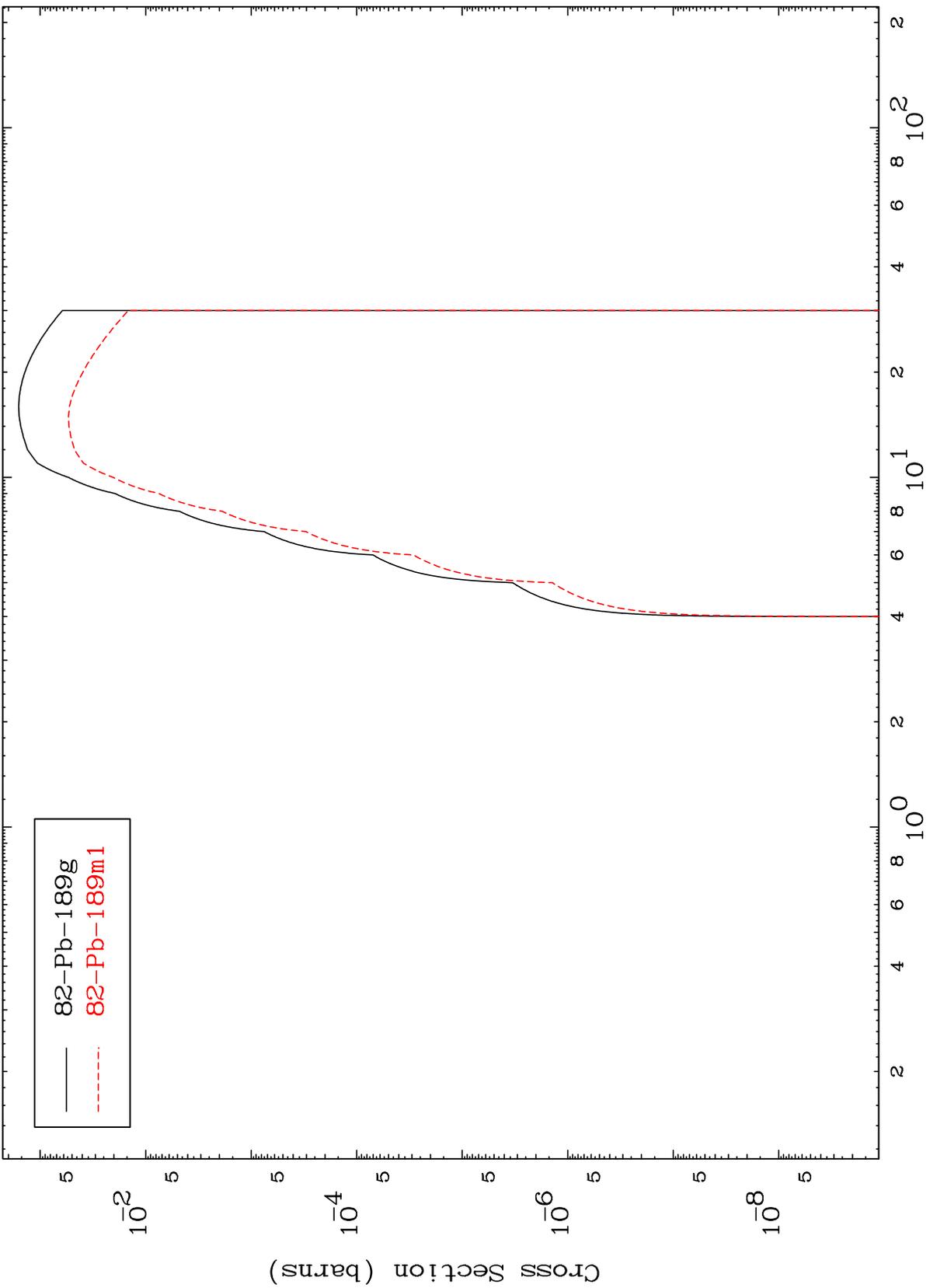
(d,  $\gamma$ )  
Radionuclide Production Cross Section



MAT 8177

82-Pb-188

(d,p)  
Radionuclide Production Cross Section



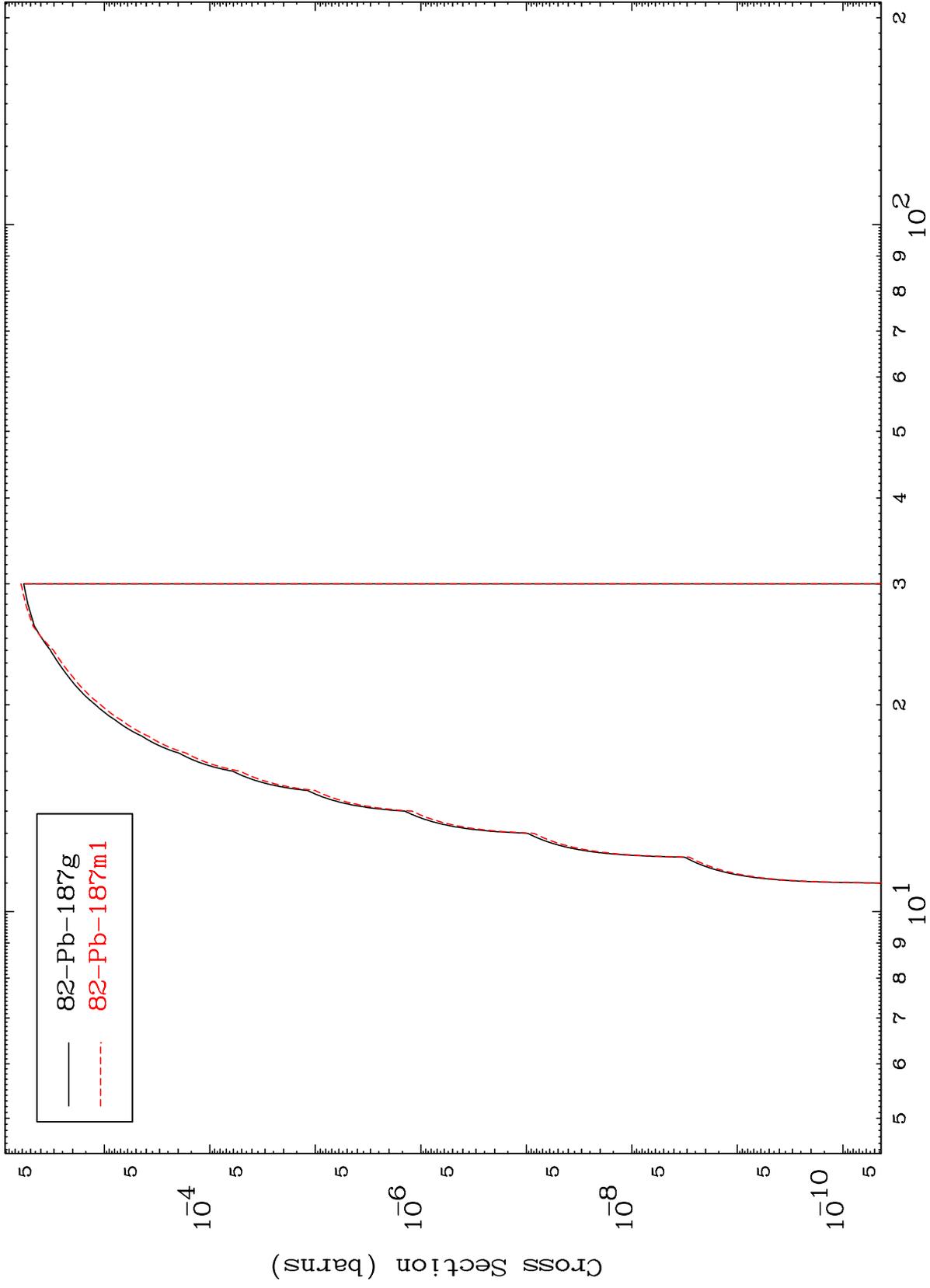
20

82-Pb-188

MAT 8177

82-Pb-188

(d, t)  
Radionuclide Production Cross Section



21

Incident Energy (MeV)

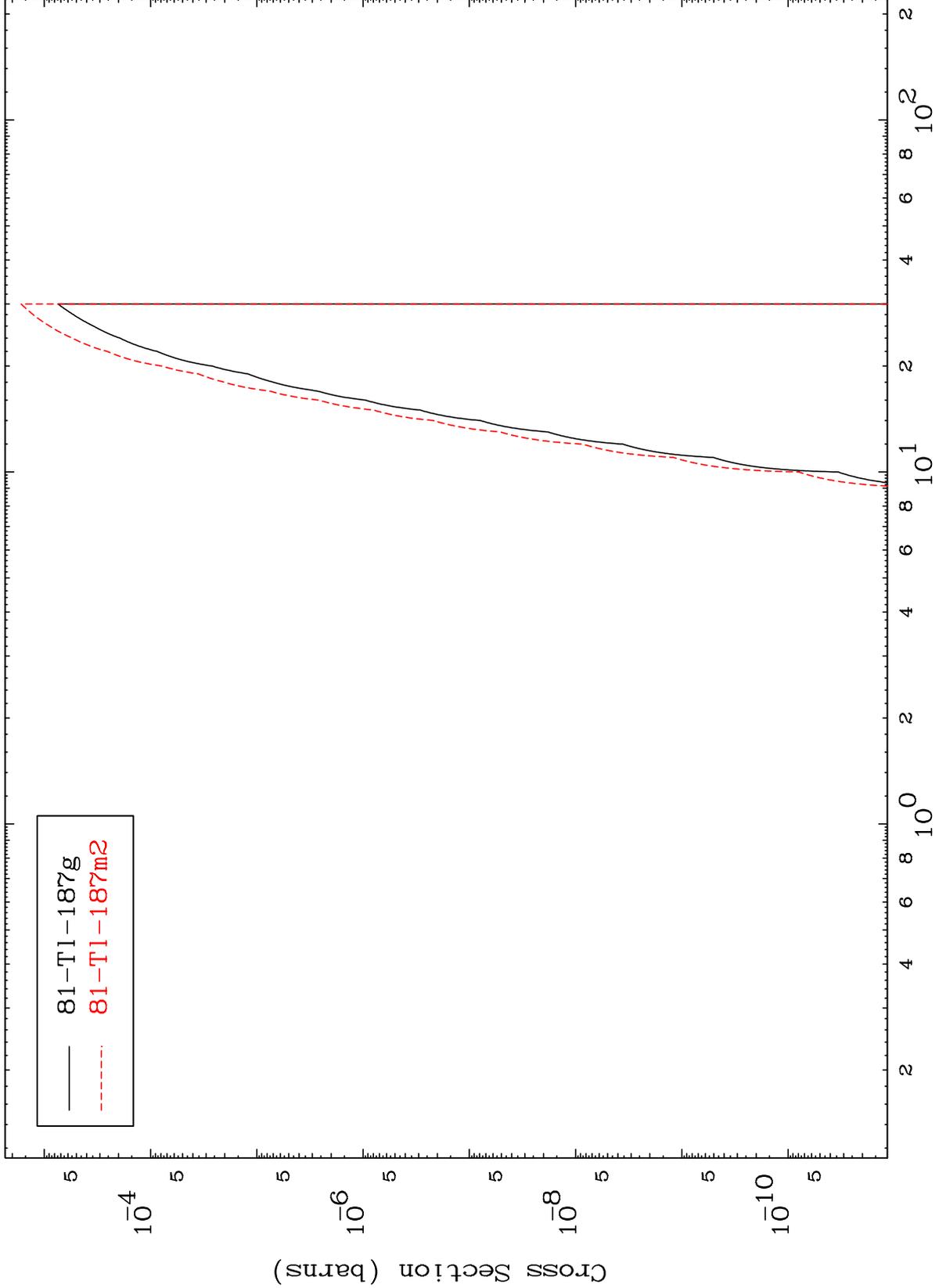
82-Pb-188

MAT 8177

(d,He-3)

82-Pb-188

Radionuclide Production Cross Section

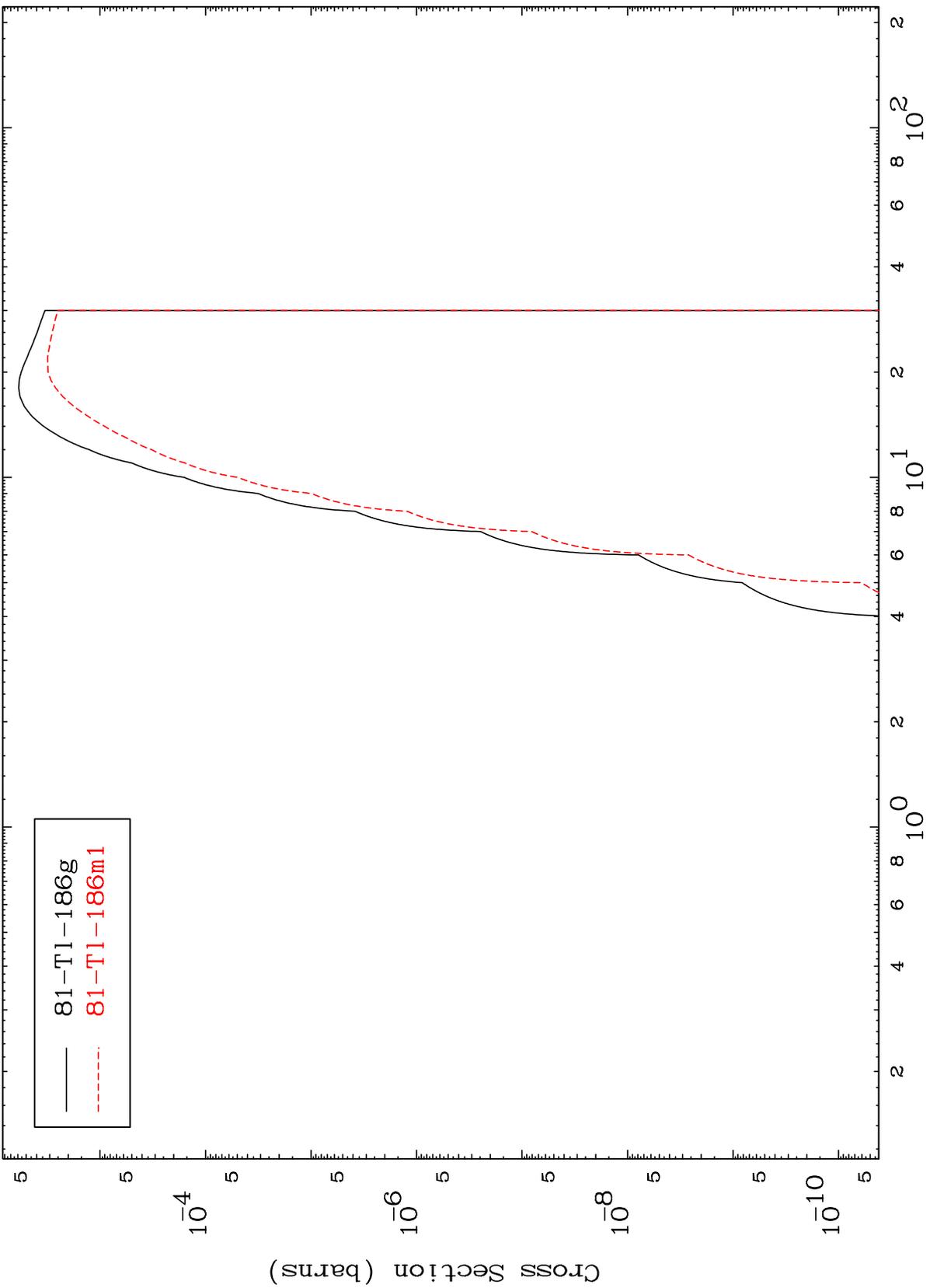


81-Tl-187g  
81-Tl-187m2

MAT 8177

82-Pb-188

(d,  $\alpha$ )  
Radionuclide Production Cross Section



23

82-Pb-188

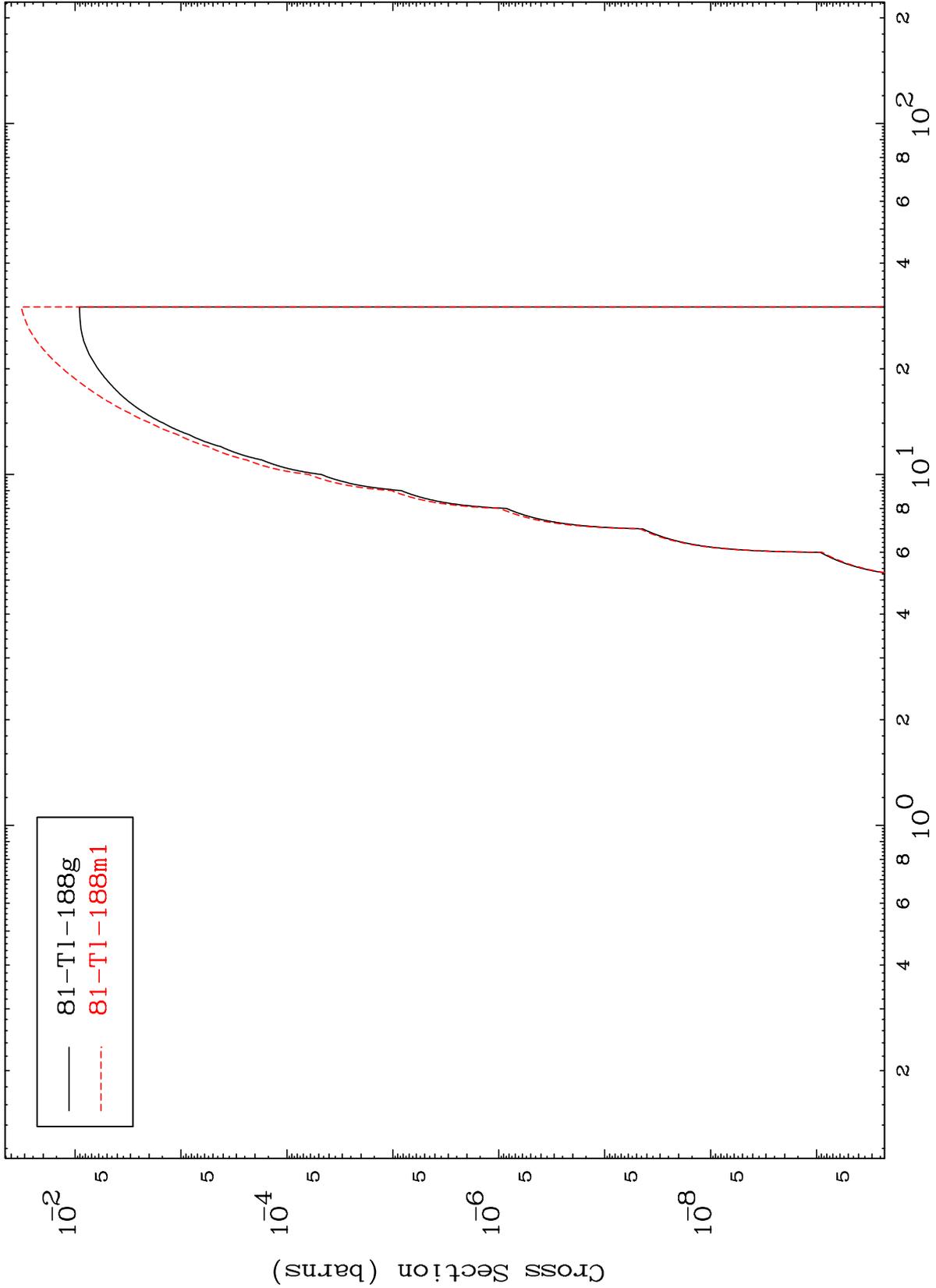
Incident Energy (MeV)

MAT 8177

(d,2p)

82-Pb-188

Radionuclide Production Cross Section



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

24

Incident Energy (MeV)

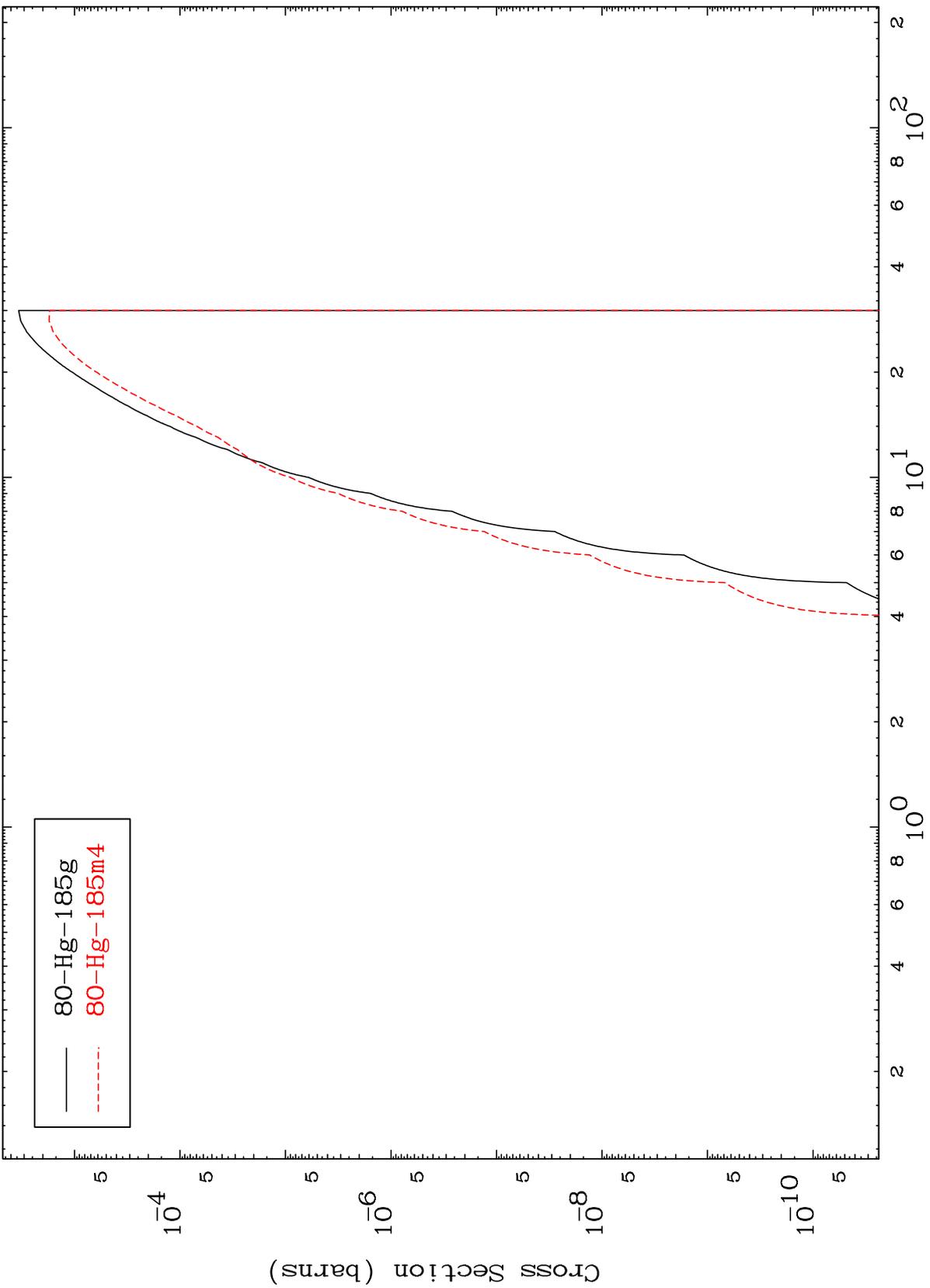
82-Pb-188

MAT 8177

(d,p)  $\alpha$

82-Pb-188

Radionuclide Production Cross Section



25

Incident Energy (MeV)

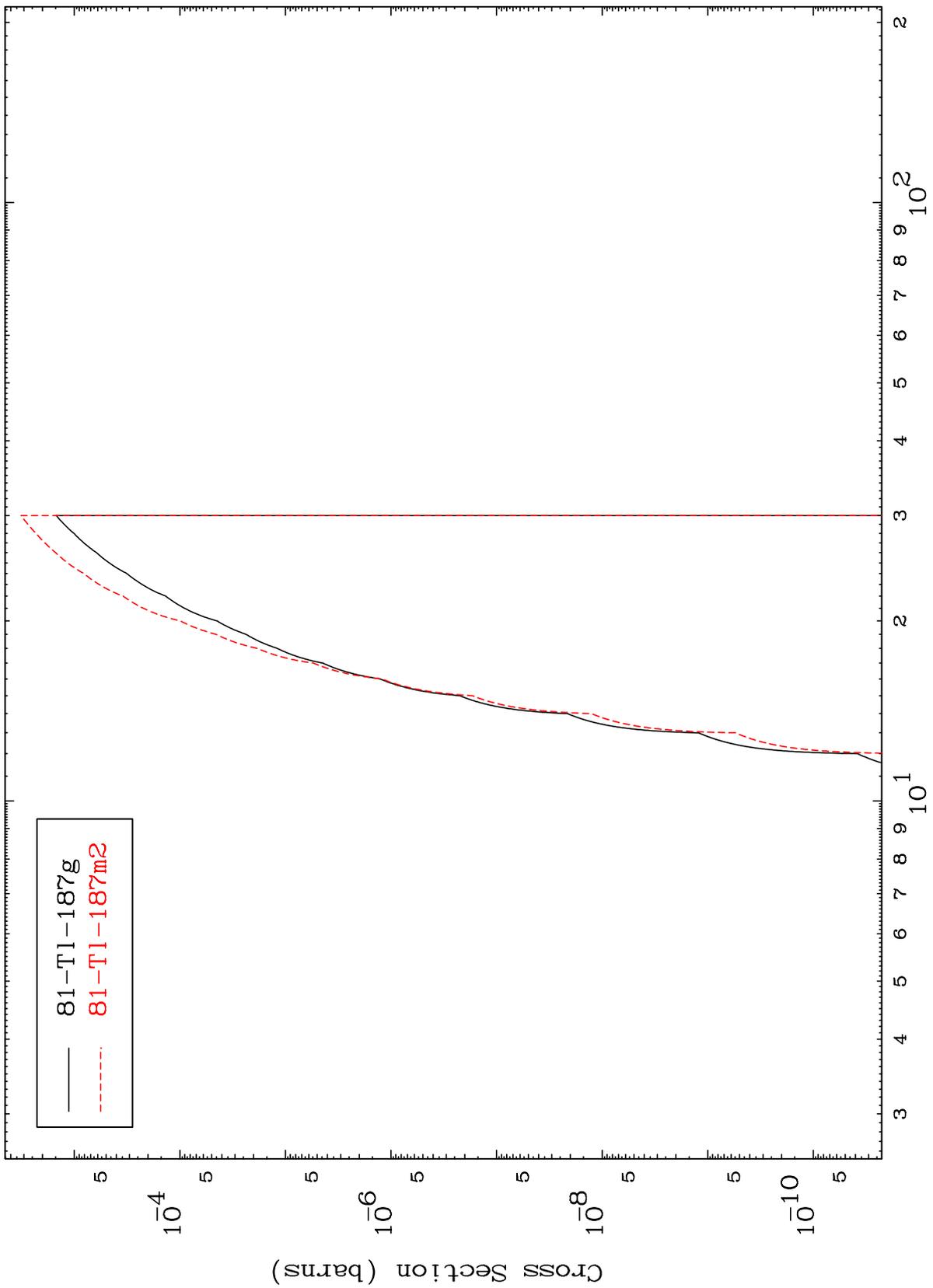
82-Pb-188

MAT 8177

(d,p) d

82-Pb-188

Radionuclide Production Cross Section



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

26

Incident Energy (MeV)

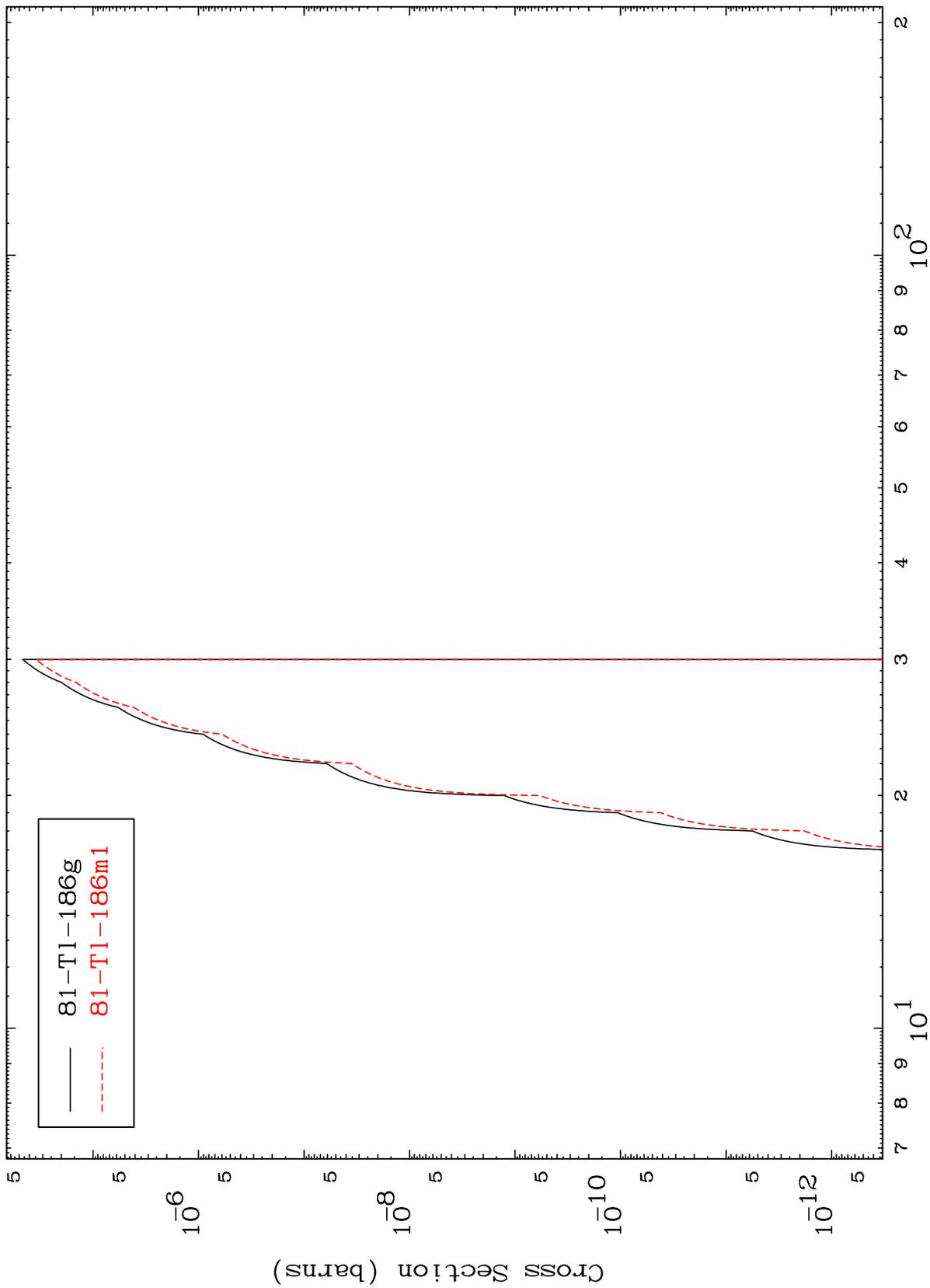
82-Pb-188

MAT 8177

(d,p) t

82-Pb-188

Radionuclide Production Cross Section



27

Incident Energy (MeV)

82-Pb-188