

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

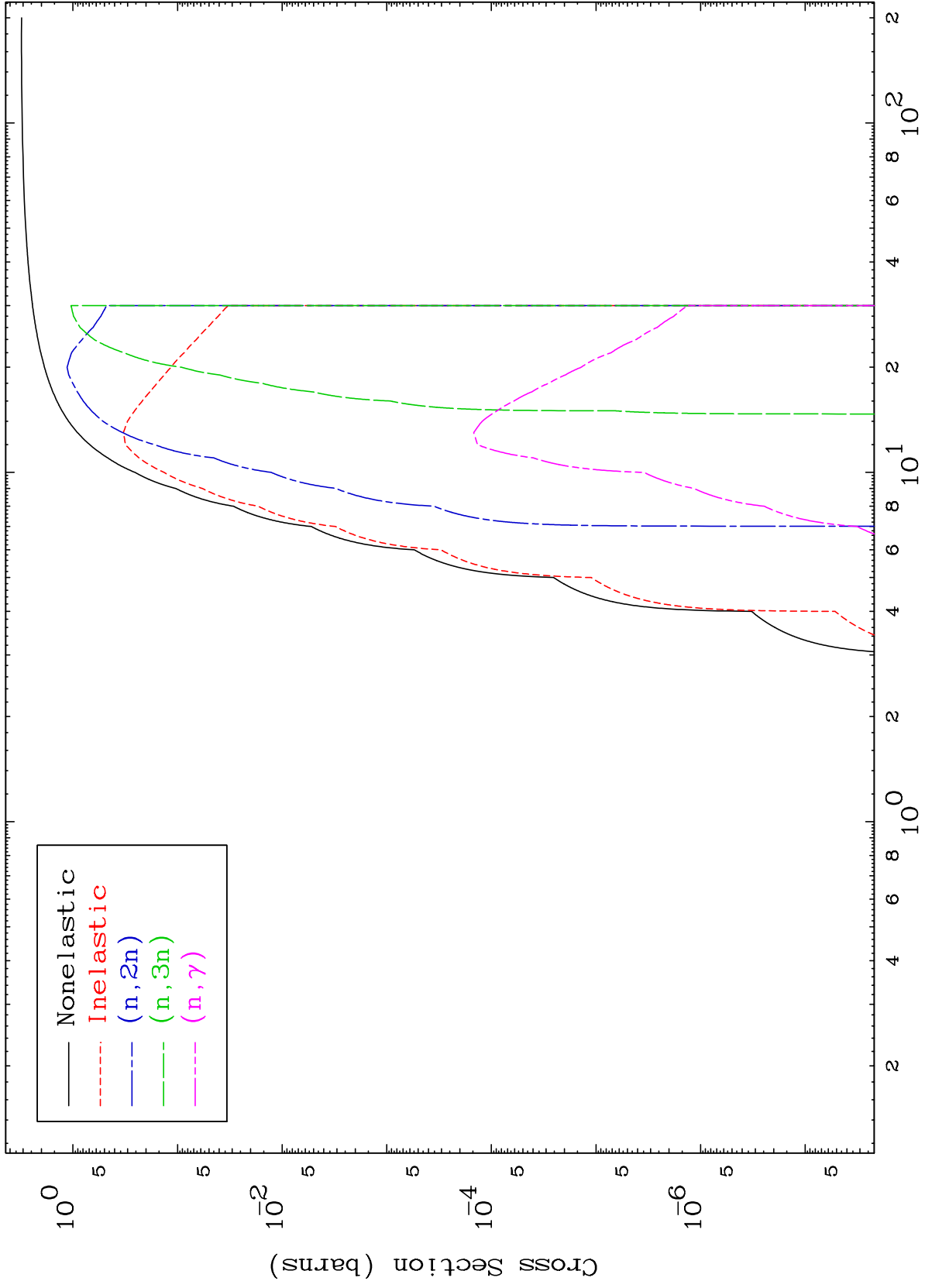
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

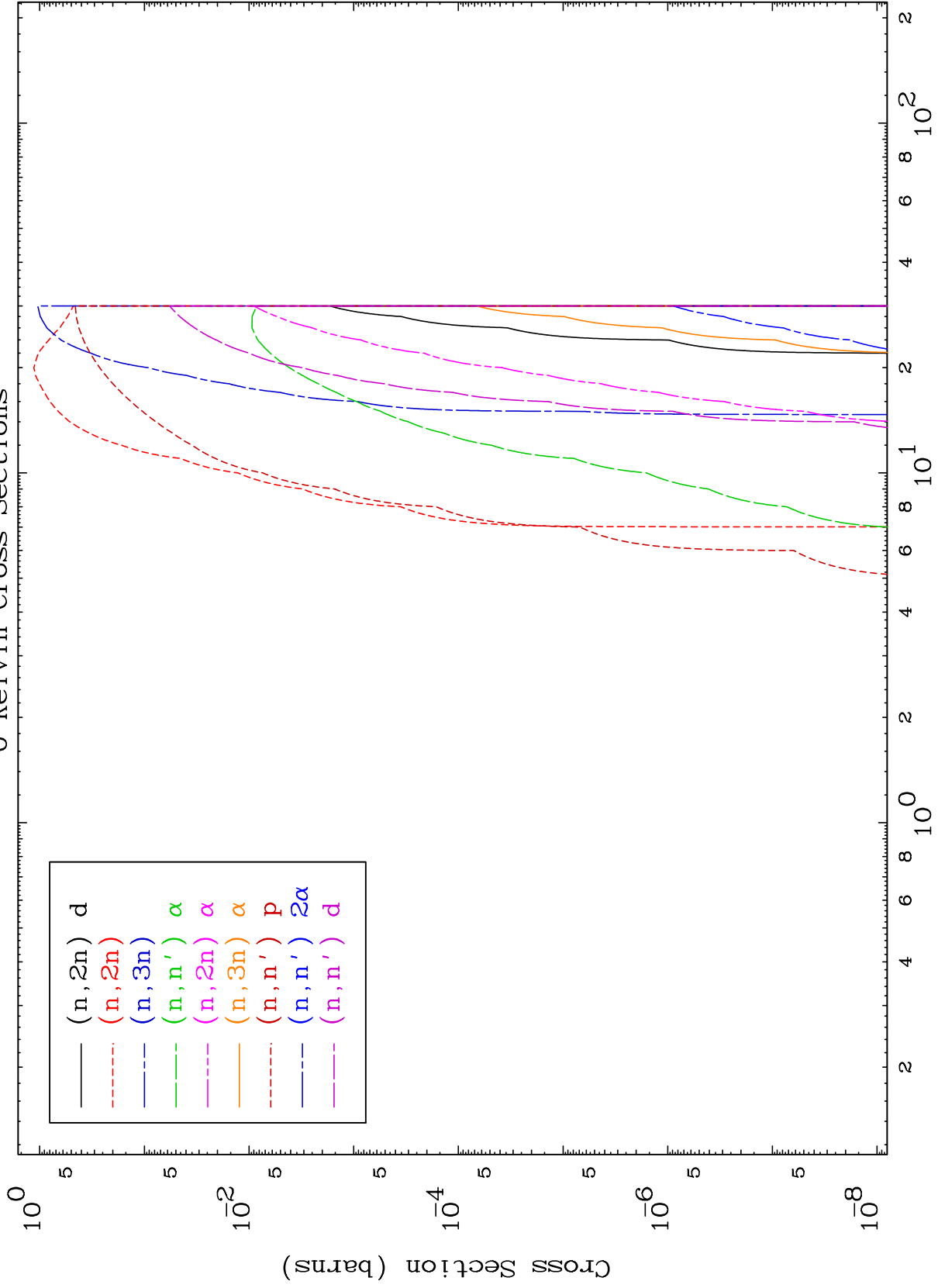
Tele: 925-443-1911

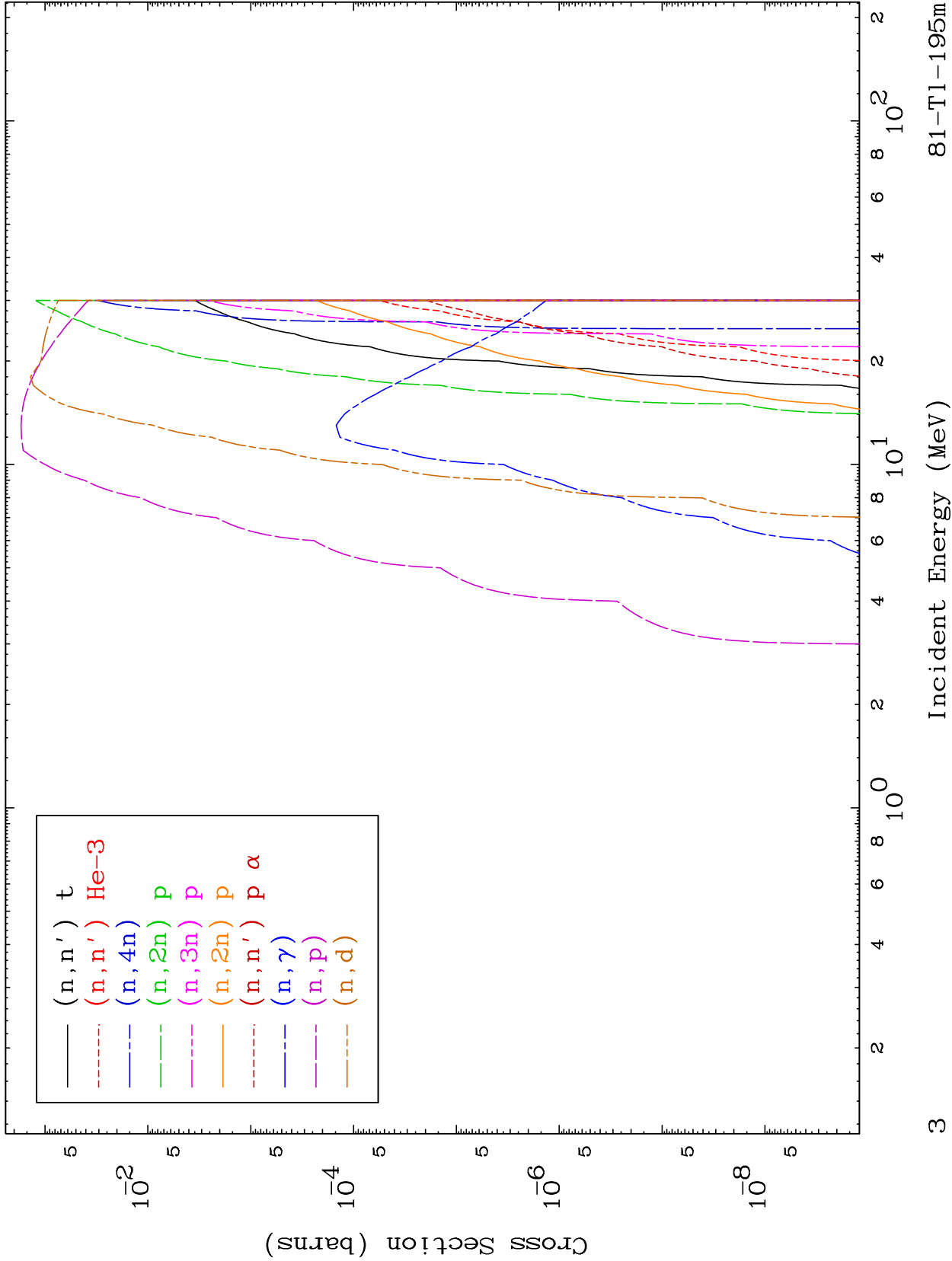
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

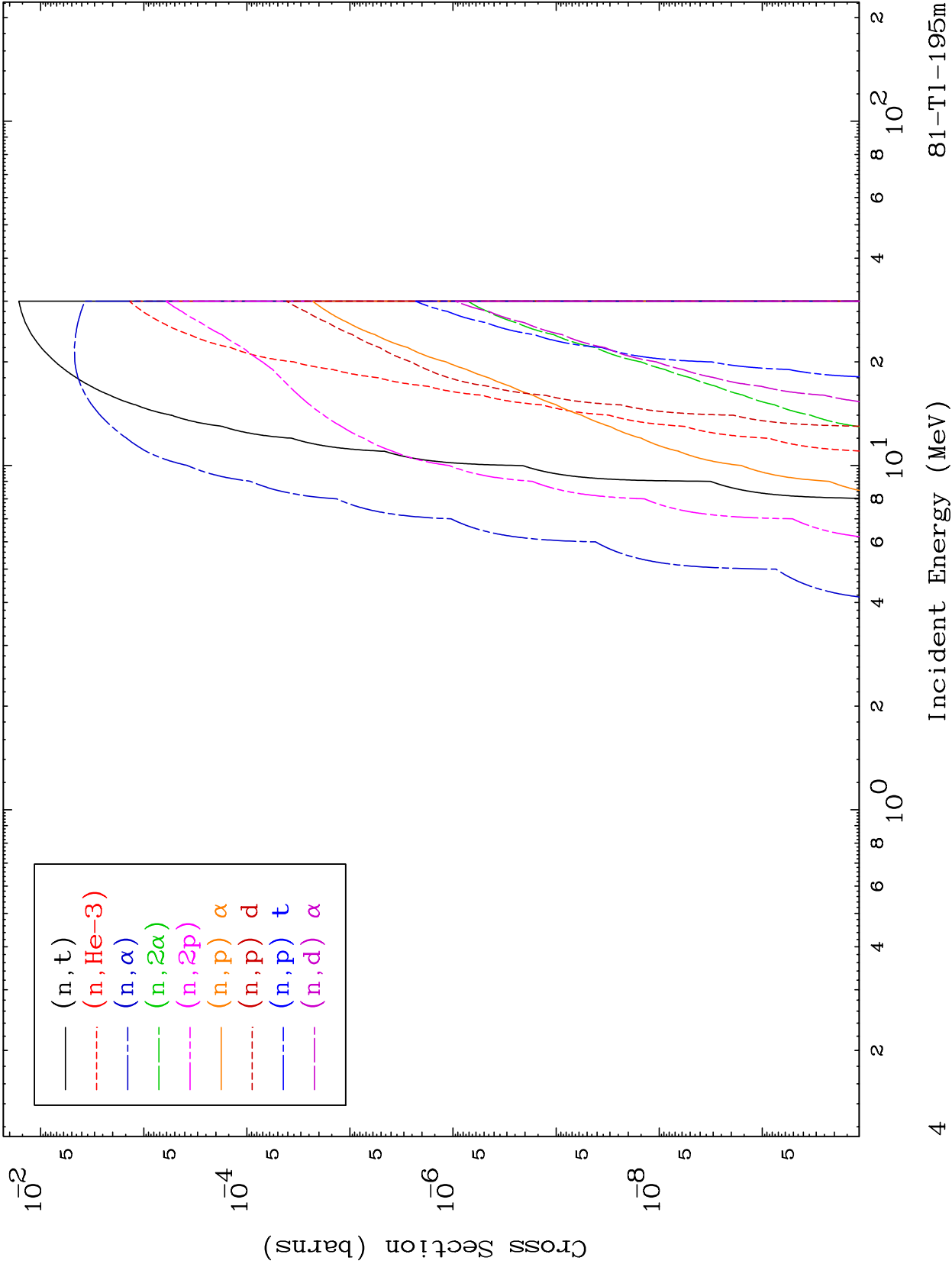
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

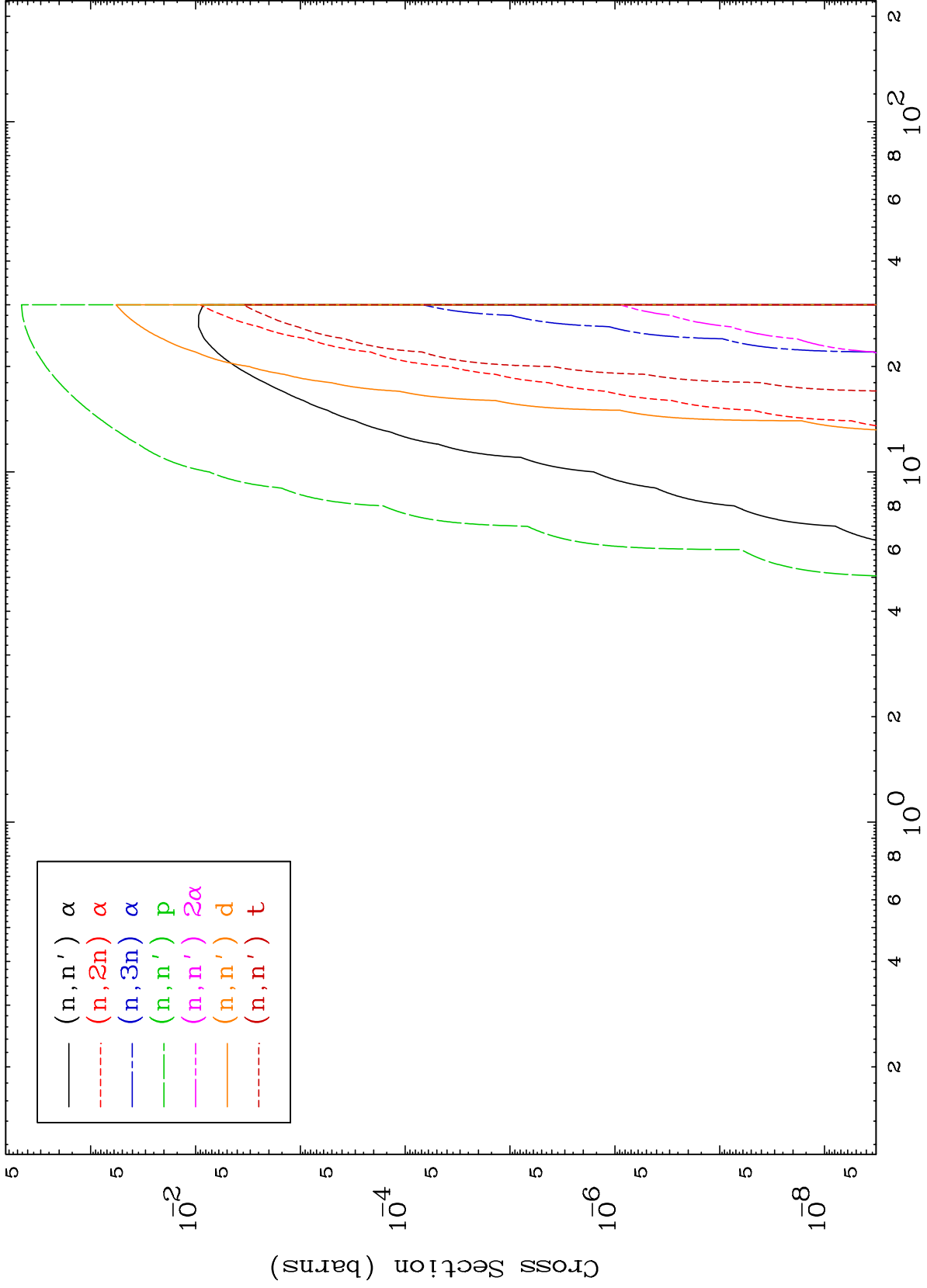
Press Mouse Button to Start

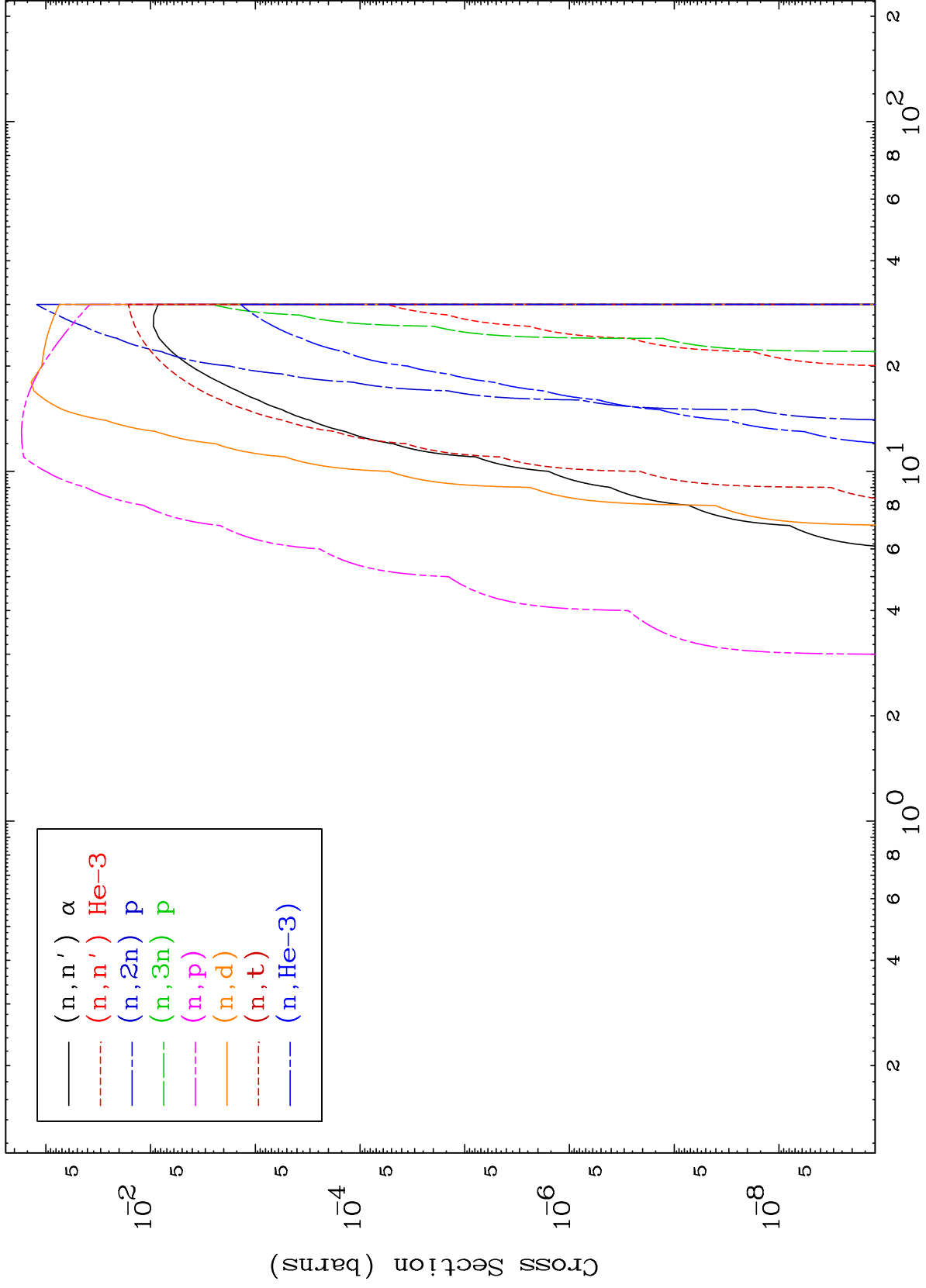


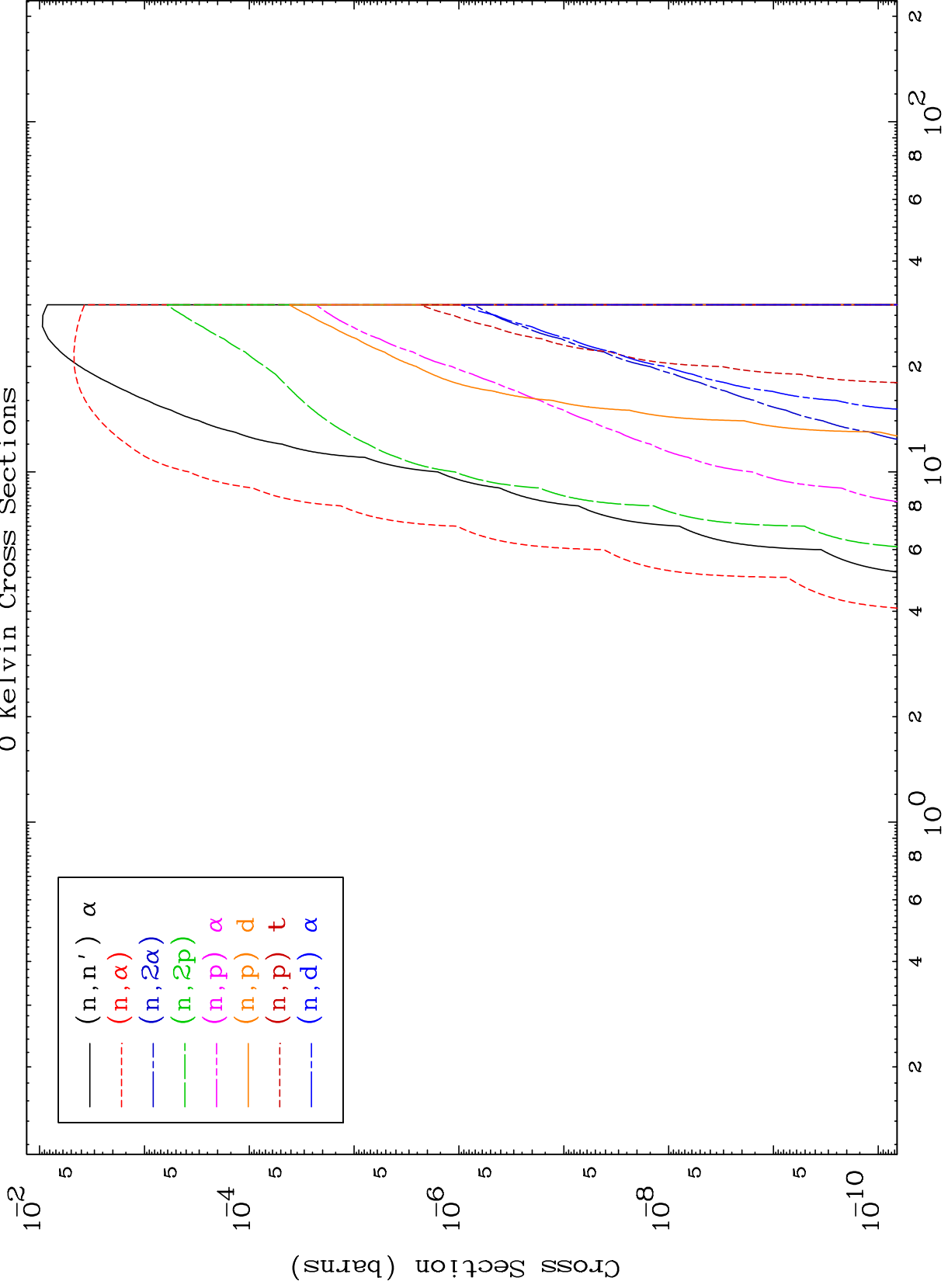












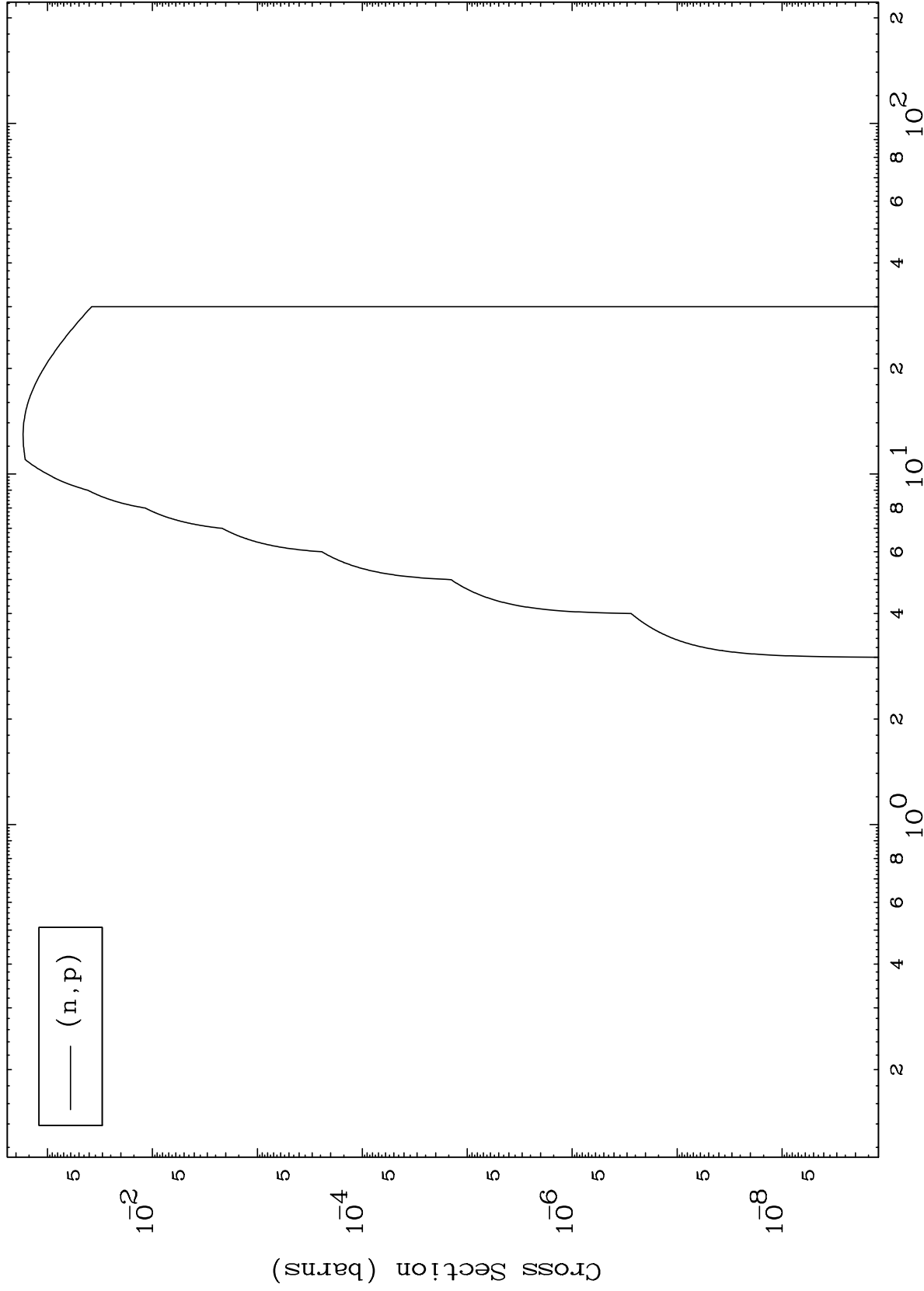


MAT 8102

(d,p) Levels

81-Tl-195m

0 Kelvin Cross Sections

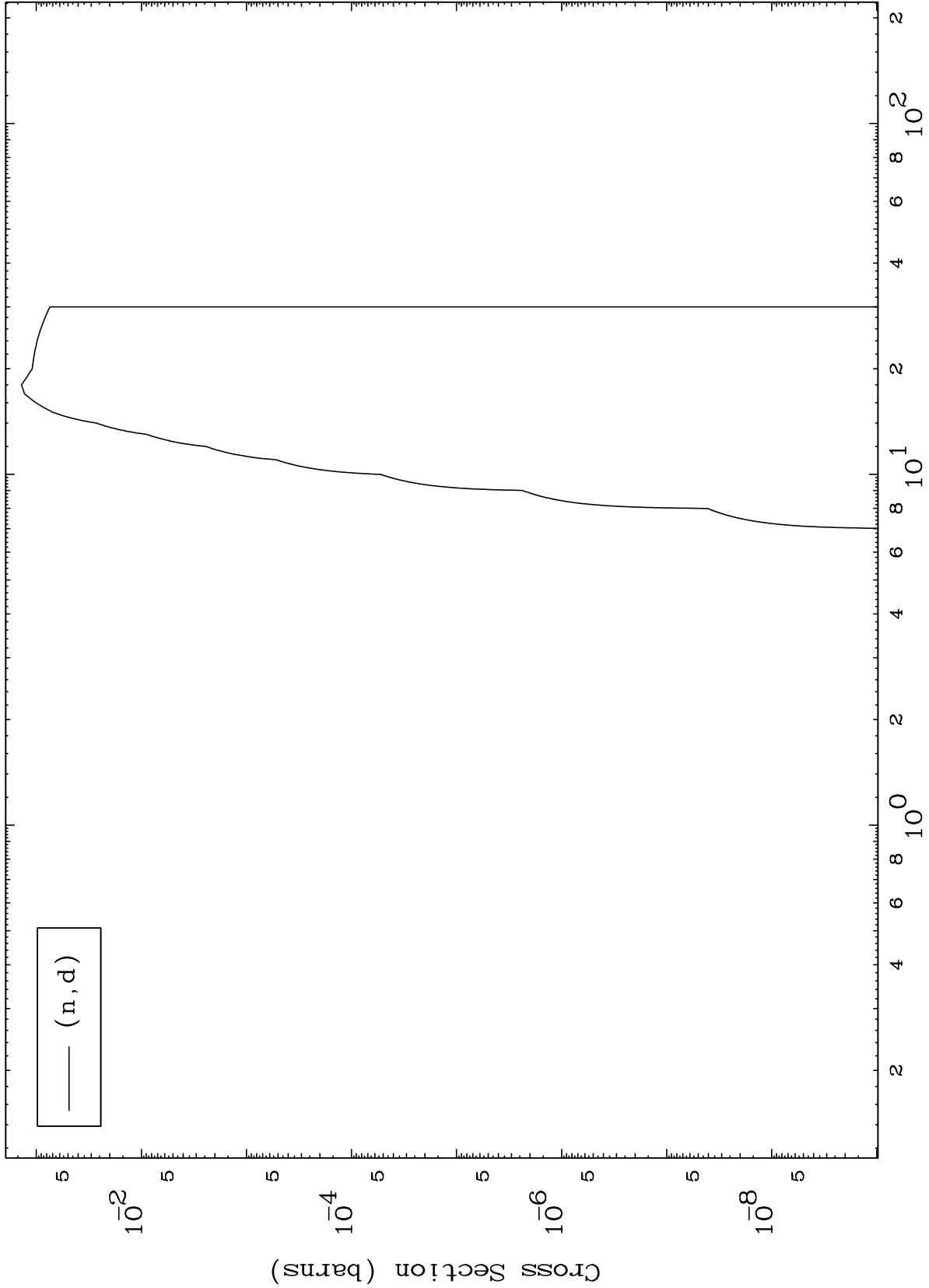


MAT 8102

(d,d) Levels

81-Tl-195m

0 Kelvin Cross Sections

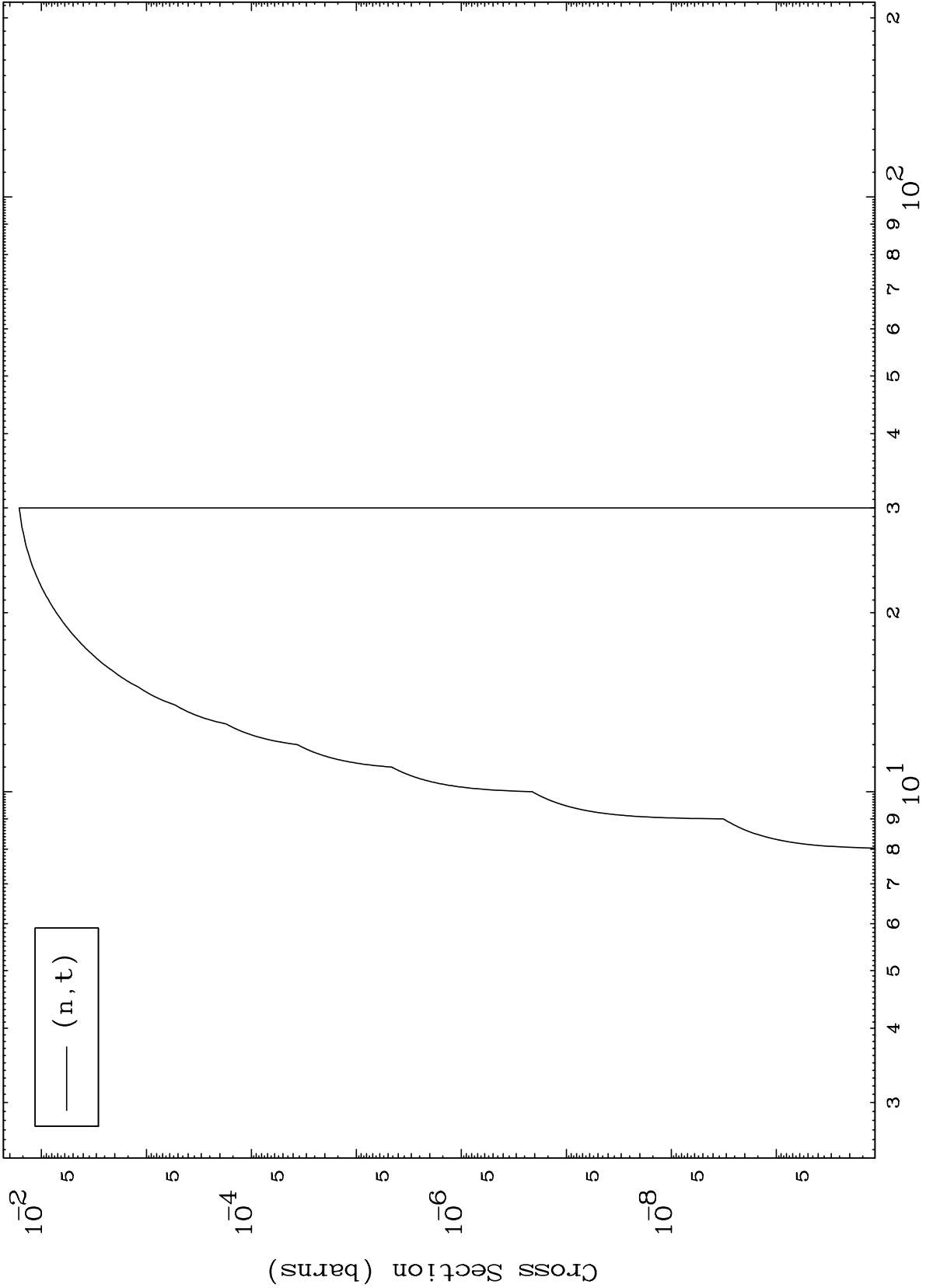


MAT 8102

(d,t) Levels

81-Tl-195m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

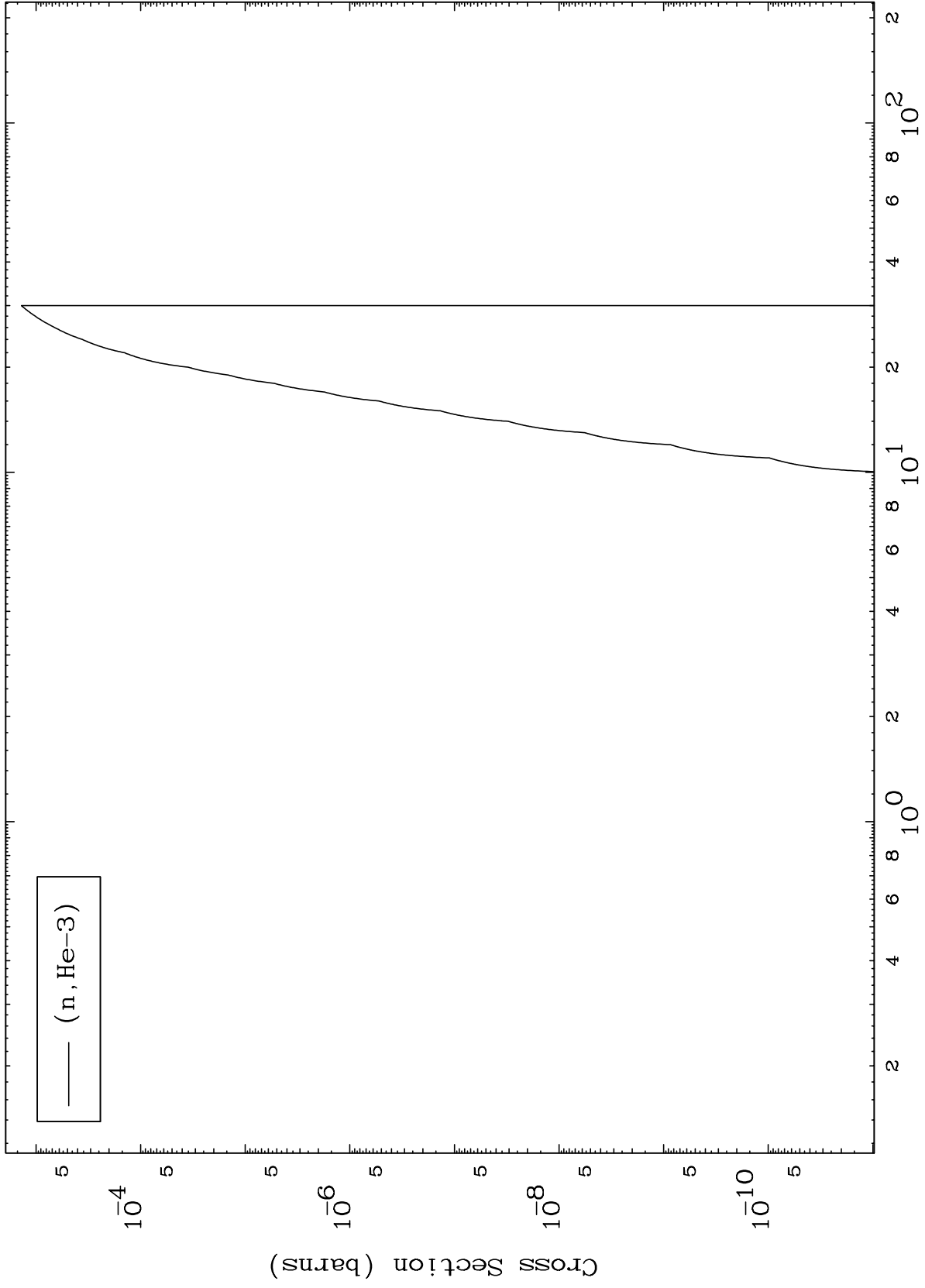
81-Tl-195m

MAT 8102

(d,He3) Levels

81-Tl-195m

0 Kelvin Cross Sections

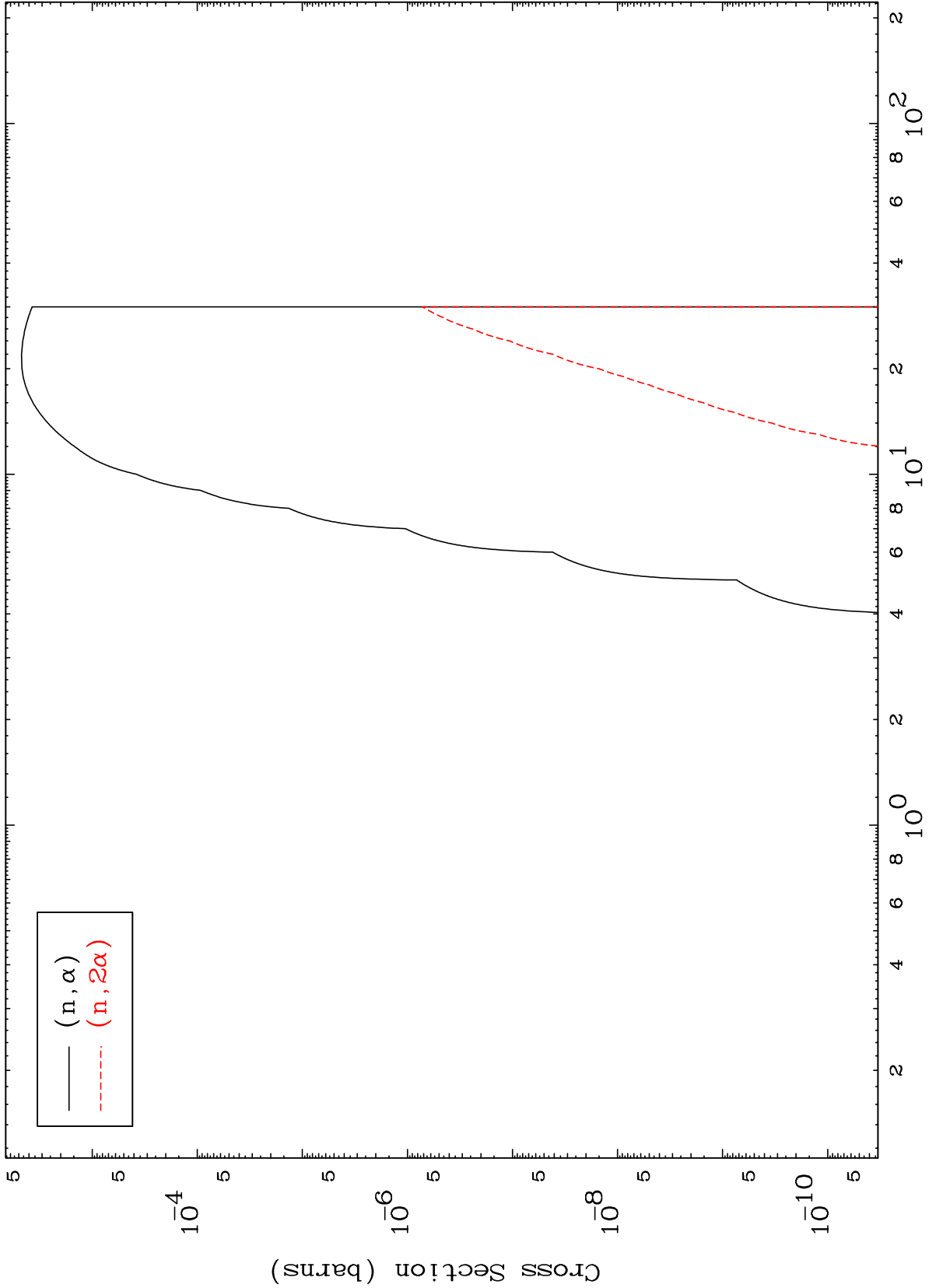


MAT 8102

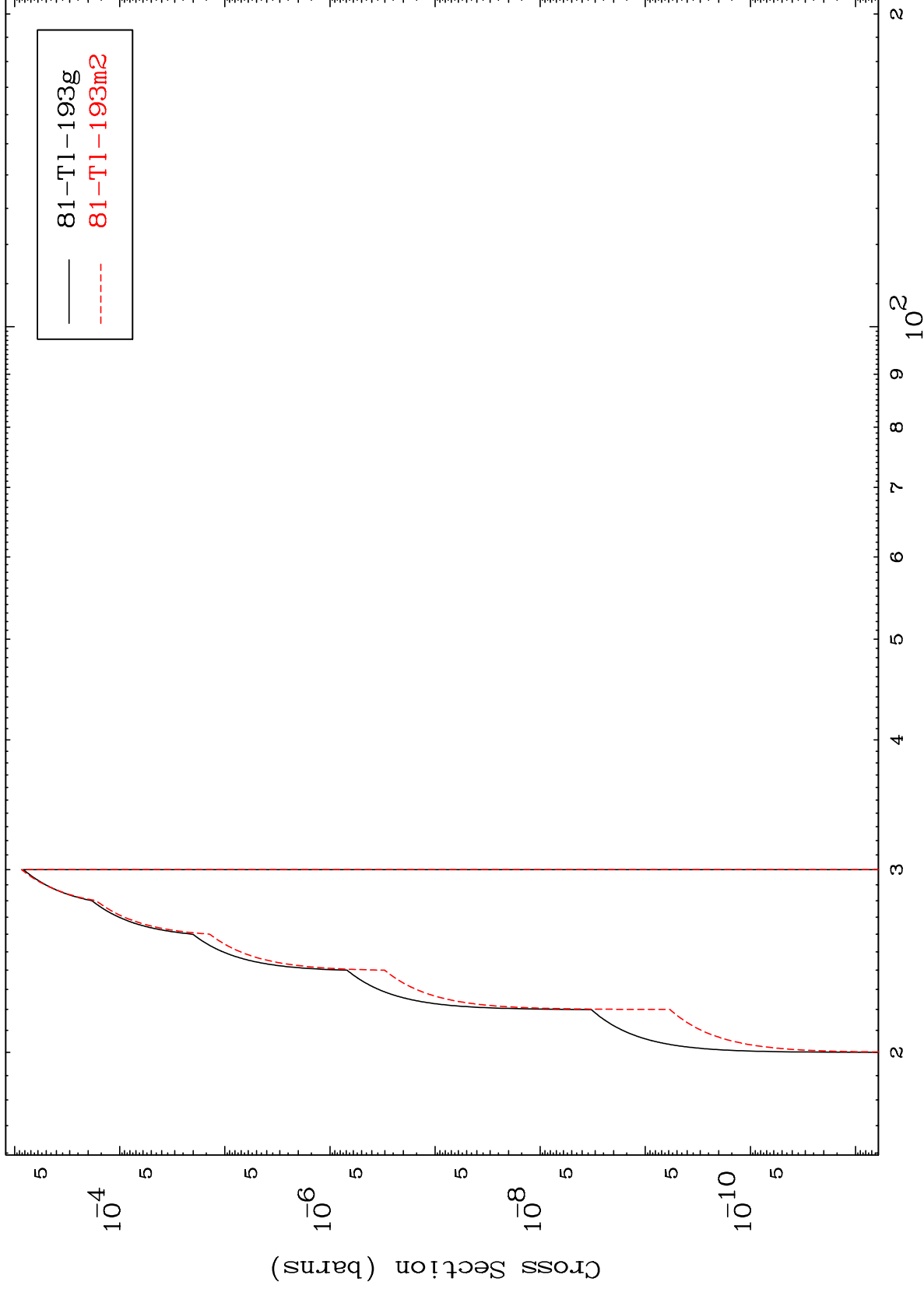
(d,  $\alpha$ ) Levels

81-Tl-195m

0 Kelvin Cross Sections



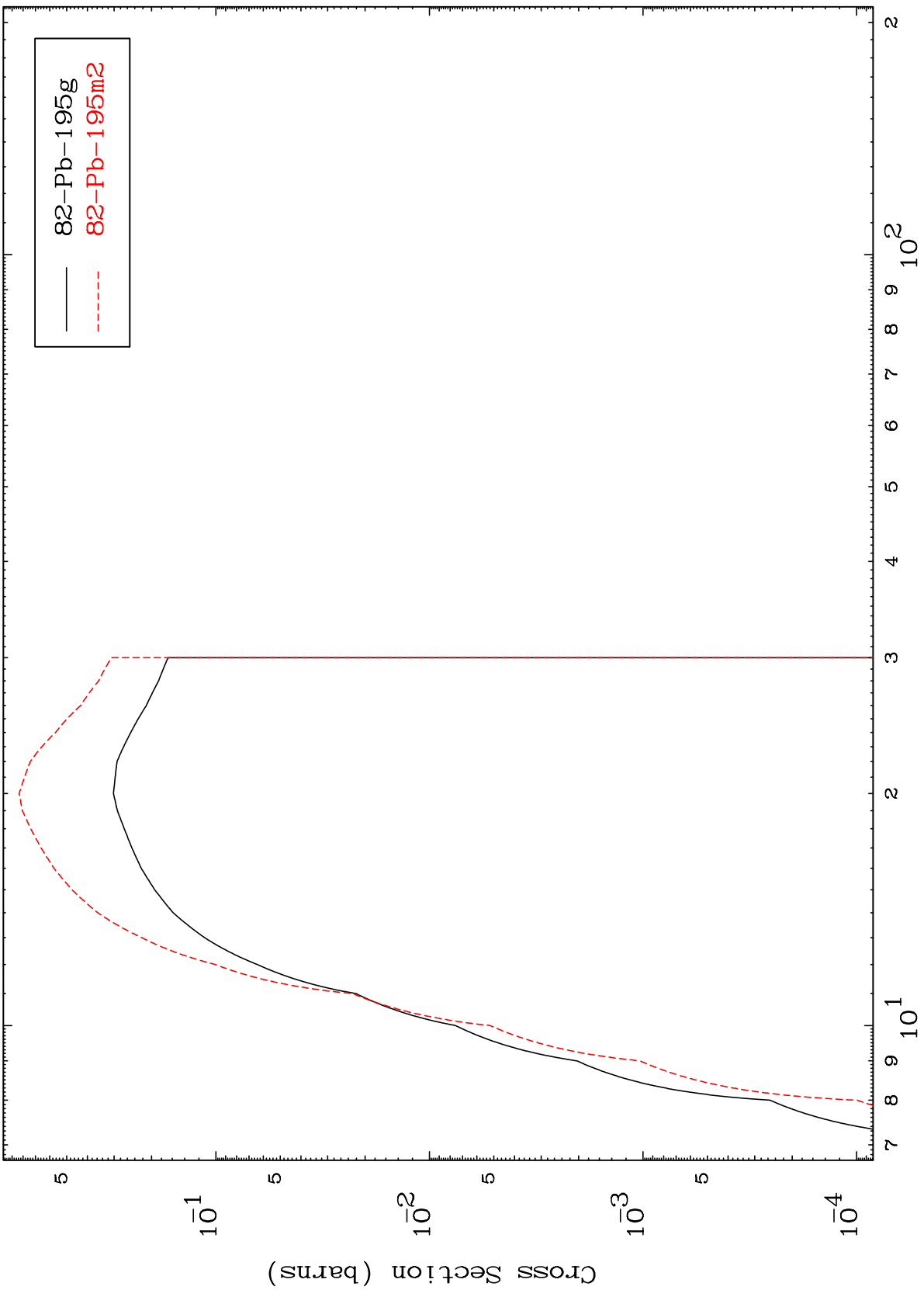
Radionuclide Production Cross Section



MAT 8102

81-TI-195m

(n,2n)  
Radionuclide Production Cross Section



81-TI-195m

Incident Energy (MeV)

14

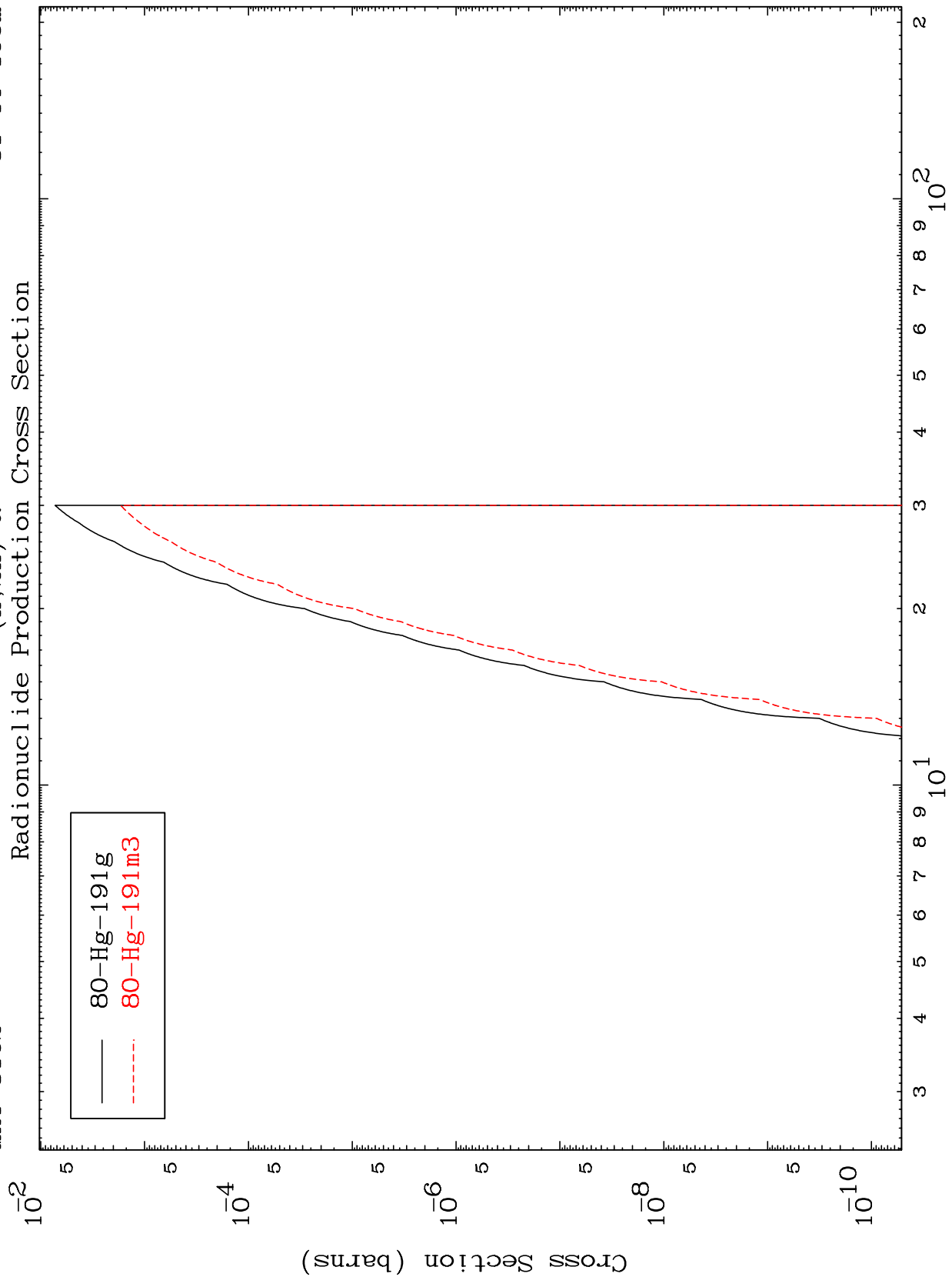




MAT 8102

(n,2n)  $\alpha$

81-TI-195m

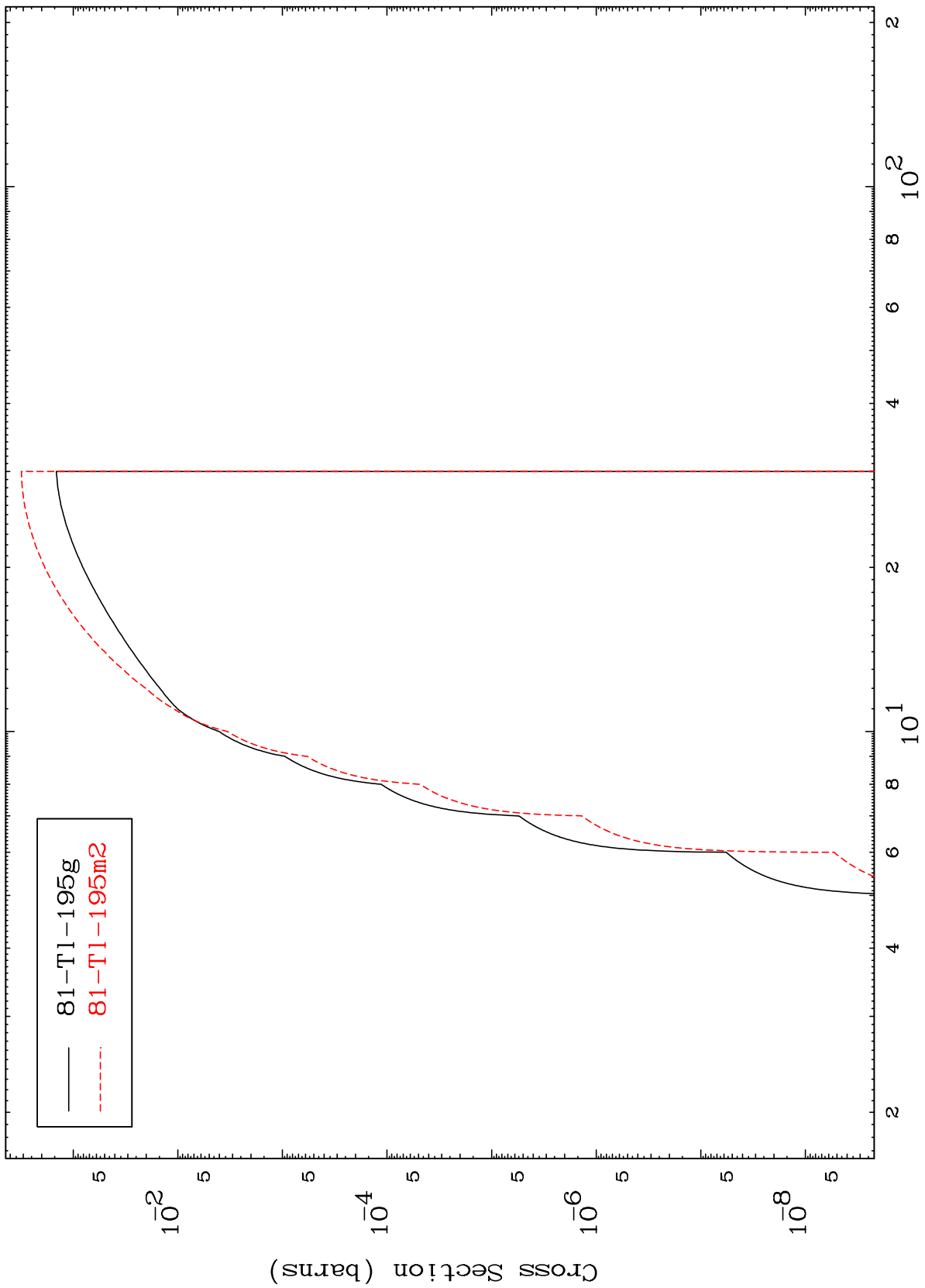


80-Hg-191 g  
80-Hg-191 m3

MAT 8102

81-Tl-195m

(n,n') p  
Radionuclide Production Cross Section



17

81-Tl-195m

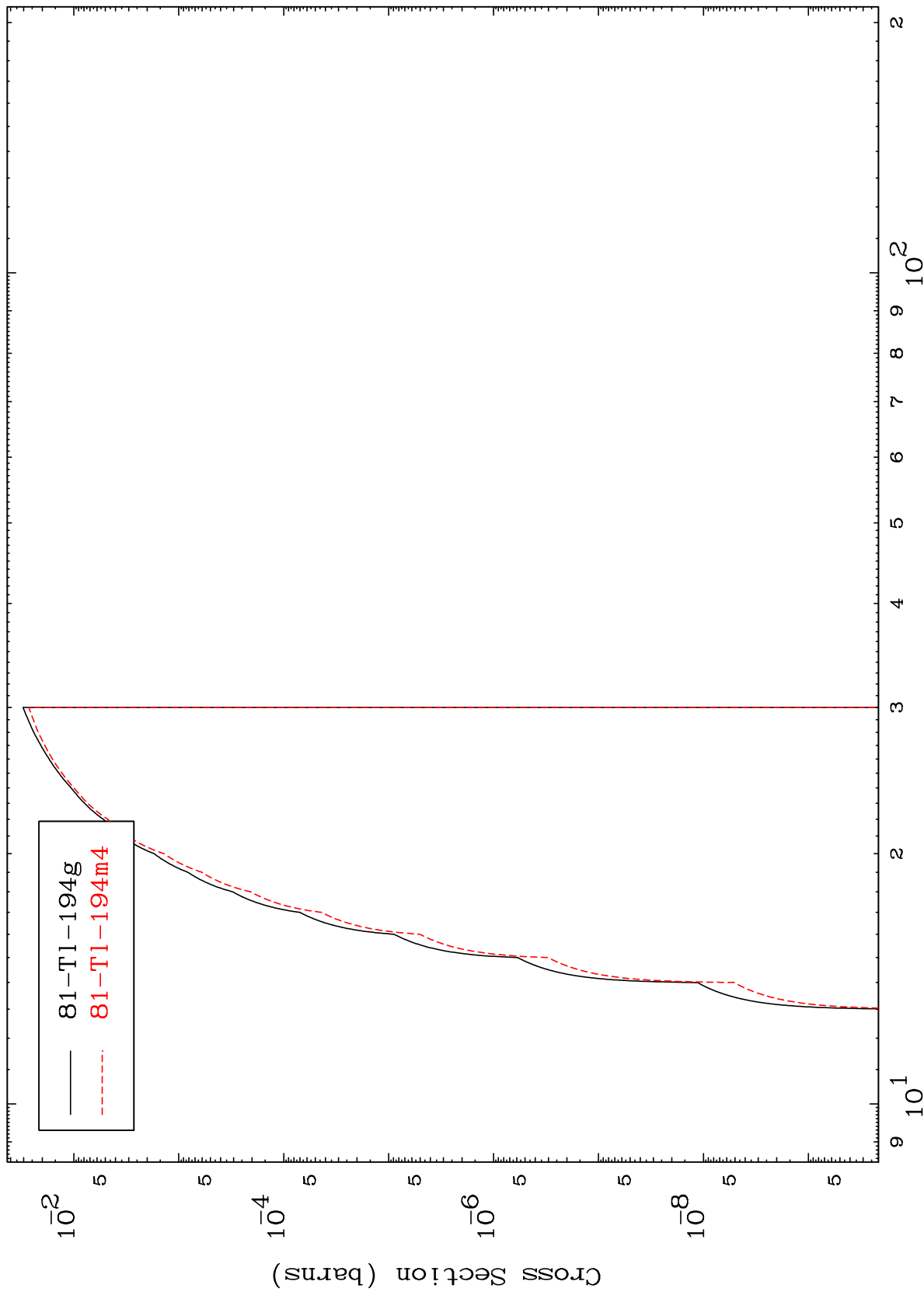
Incident Energy (MeV)

MAT 8102

(n,n') d

81-Tl-195m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

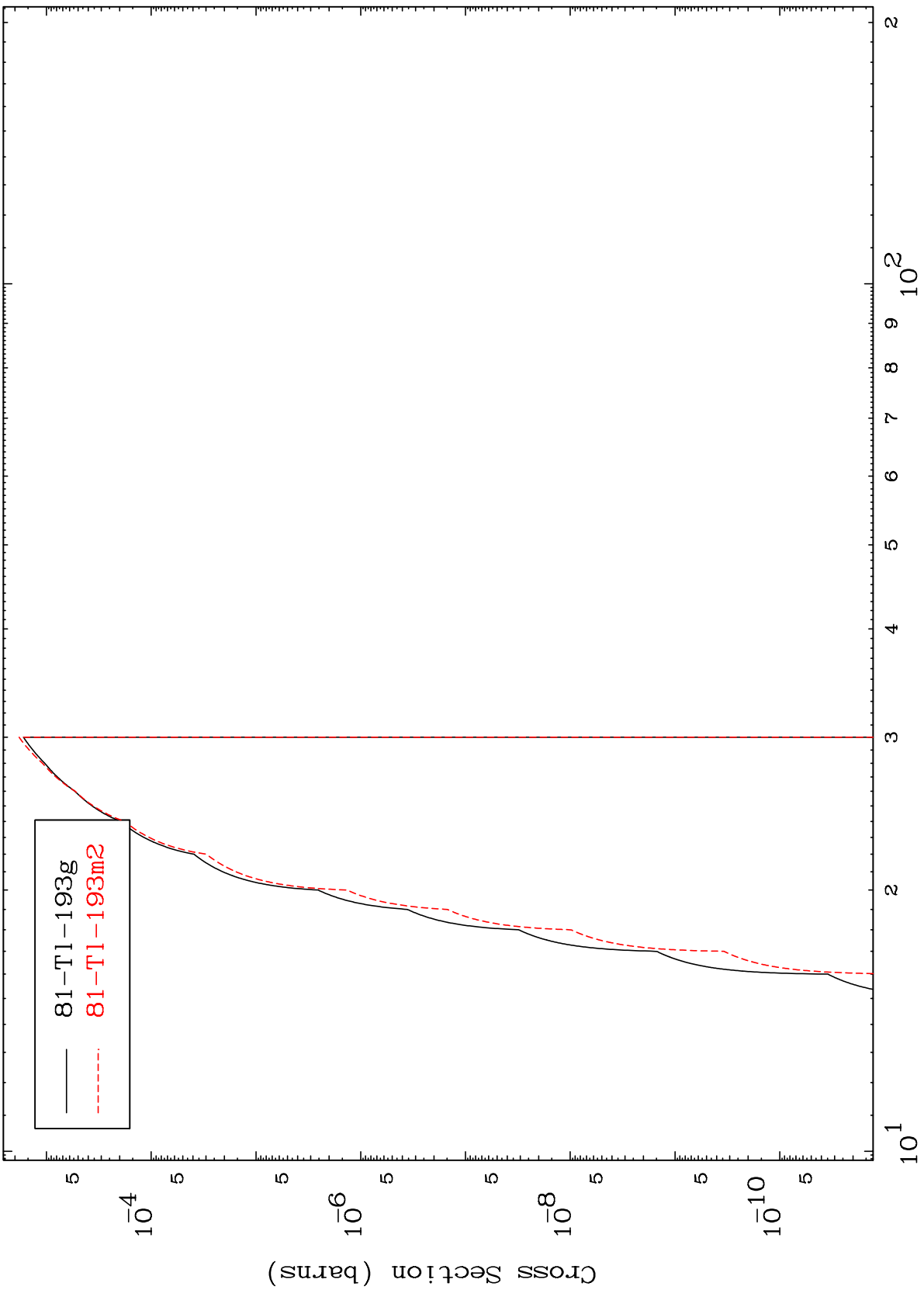
81-Tl-195m

MAT 8102

(n,n') t

81-Tl-195m

Radionuclide Production Cross Section



Incident Energy (MeV)

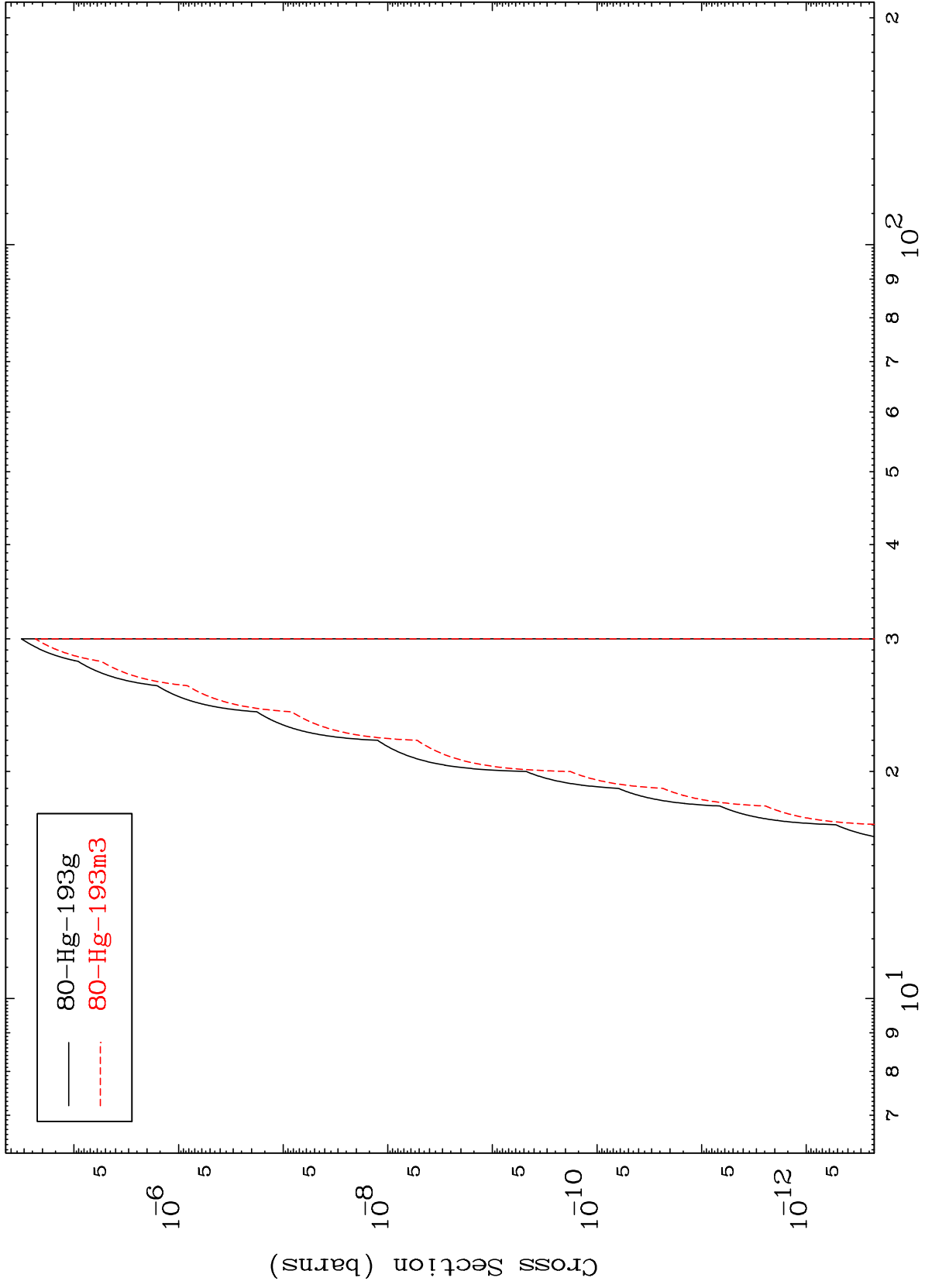
81-Tl-195m

MAT 8102

(n,n') He-3

81-Tl-195m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

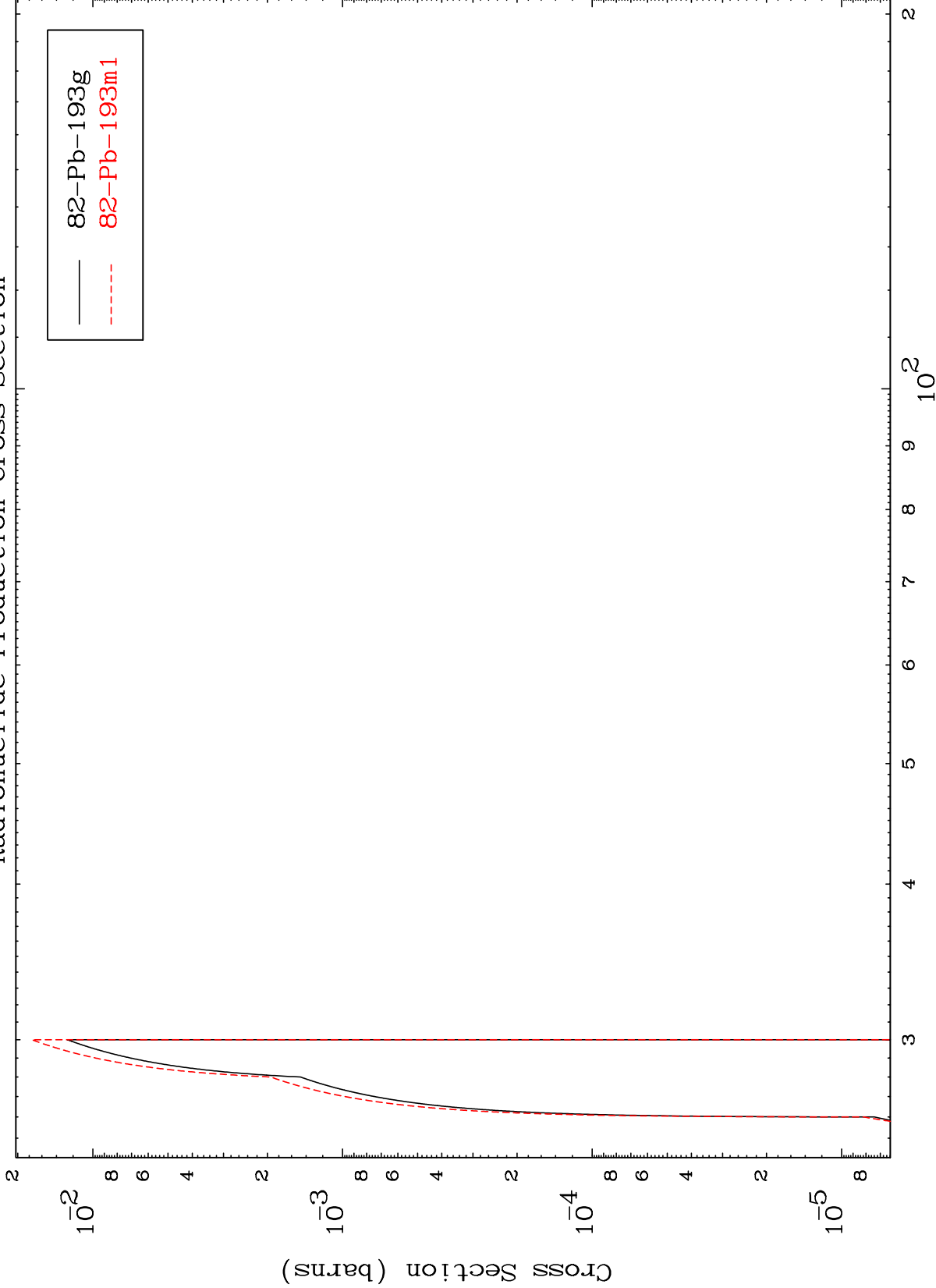
81-Tl-195m

MAT 8102

(n,4n)

81-TI-195m

Radionuclide Production Cross Section



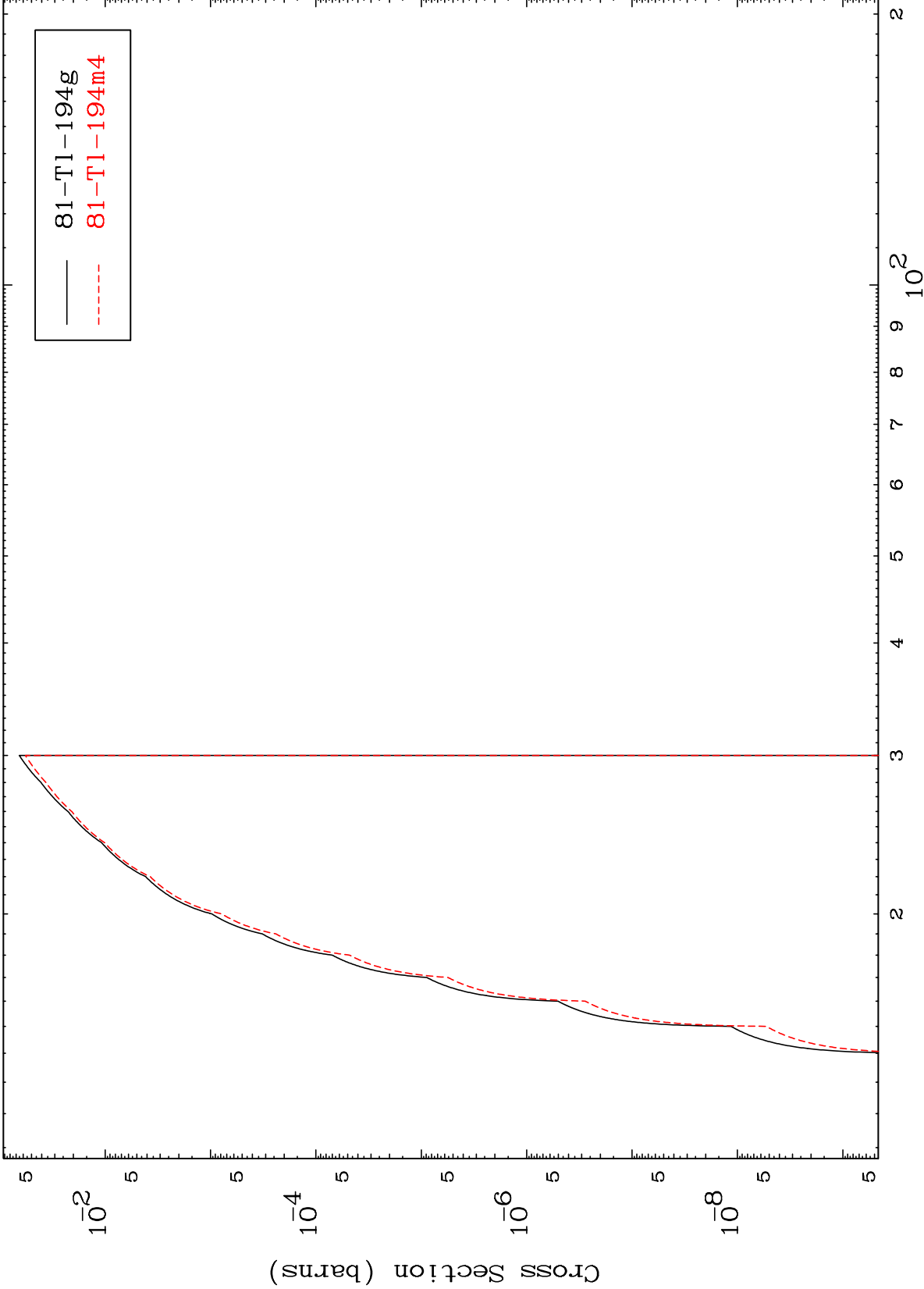
82-Pb-193g  
82-Pb-193m1

21

Incident Energy (MeV)

81-TI-195m

Radionuclide Production Cross Section



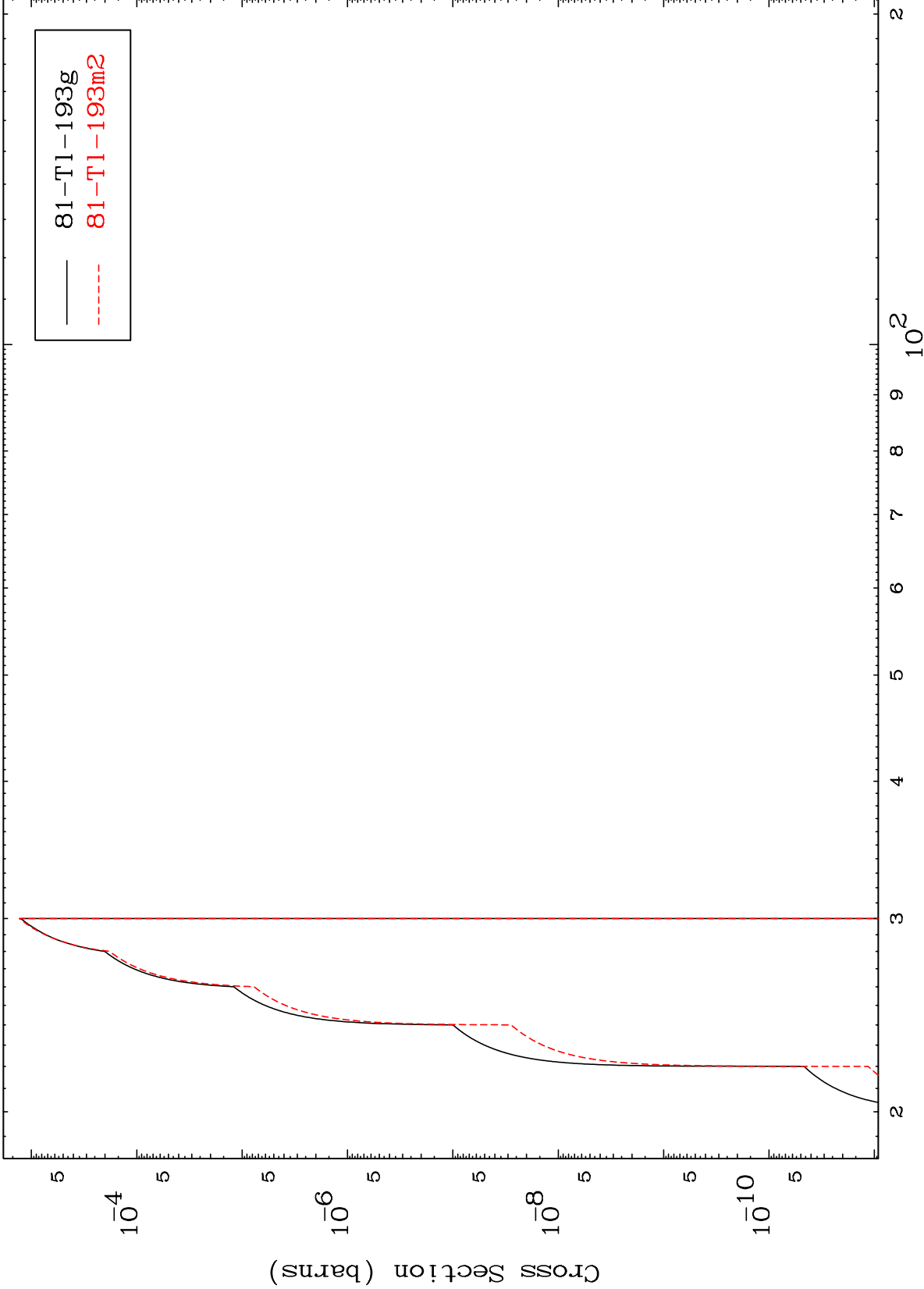
81-Tl-194g  
81-Tl-194m4

MAT 8102

(n,3n) p

81-Tl-195m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

81-Tl-195m

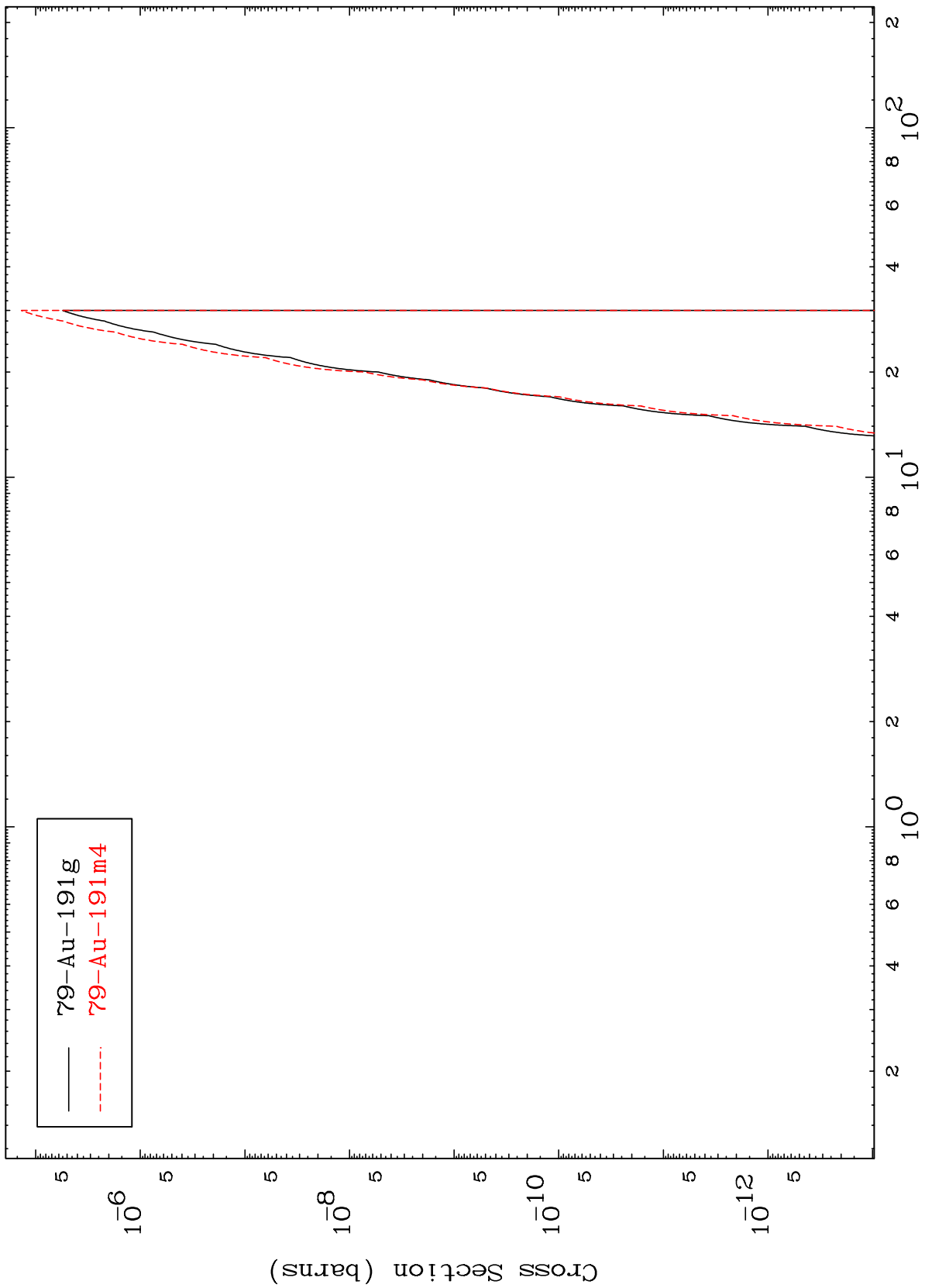


MAT 8102

(n,n') p  $\alpha$

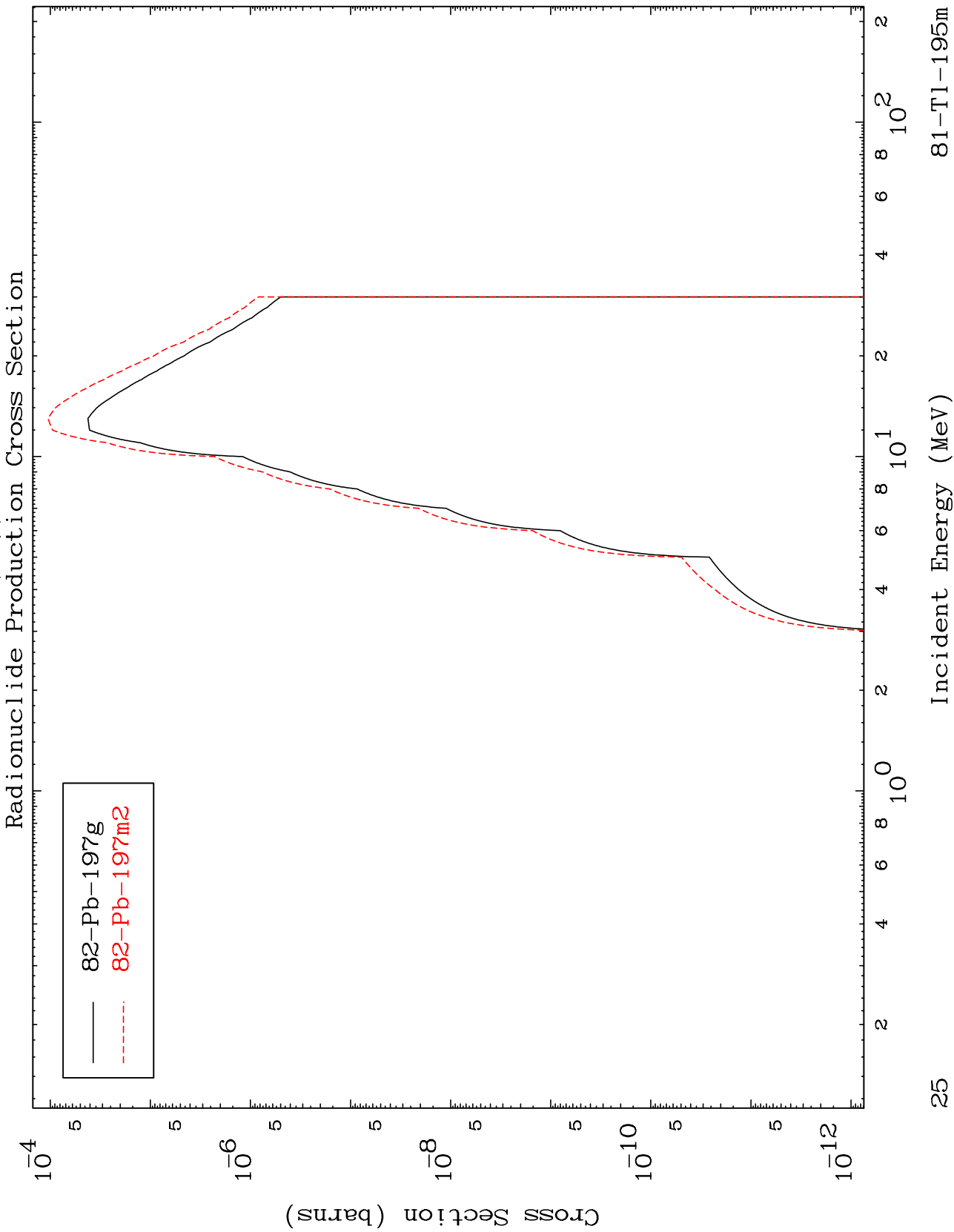
81-Tl-195m

Radionuclide Production Cross Section



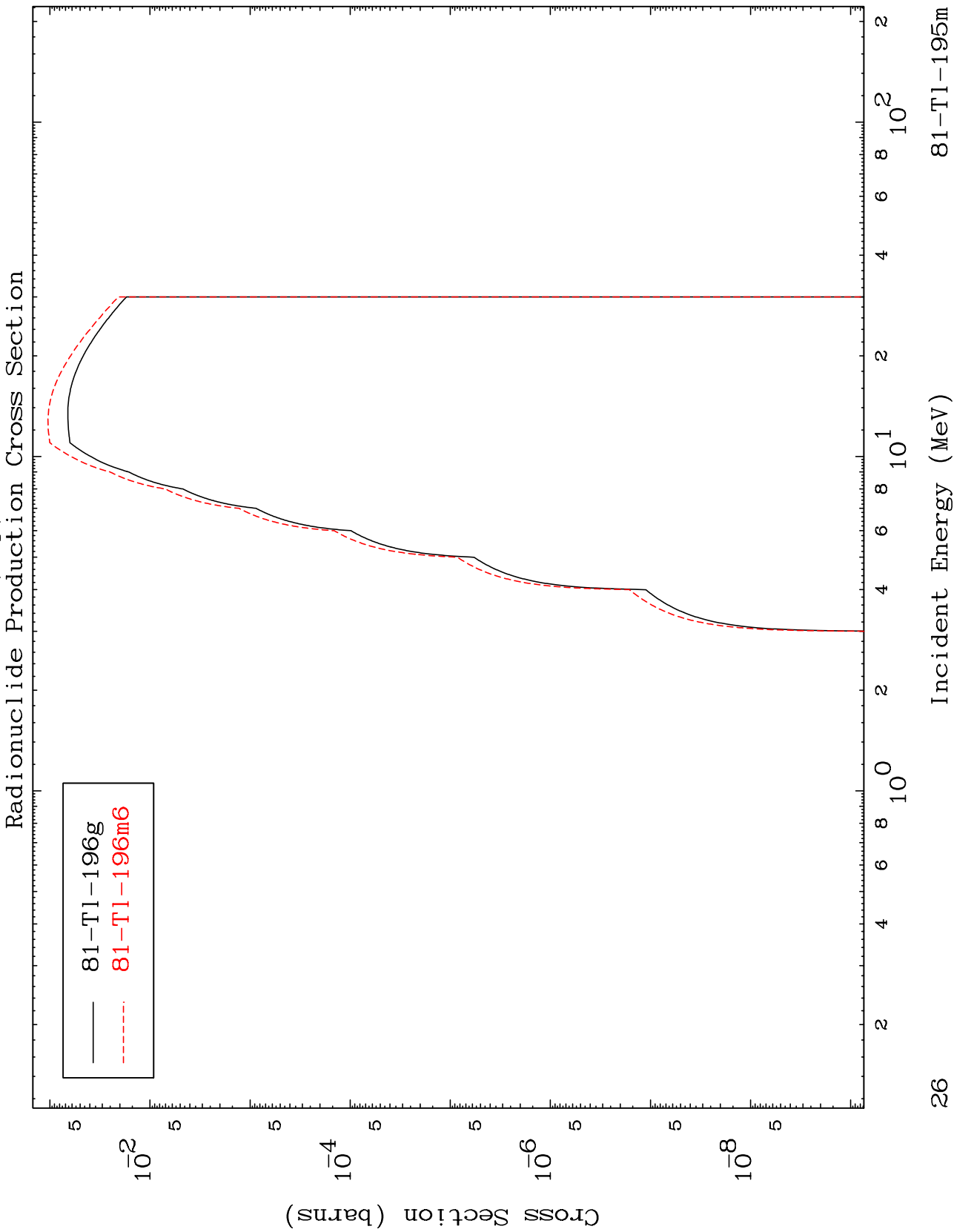
MAT 8102

81-TI-195m



MAT 8102

81-Tl-195m

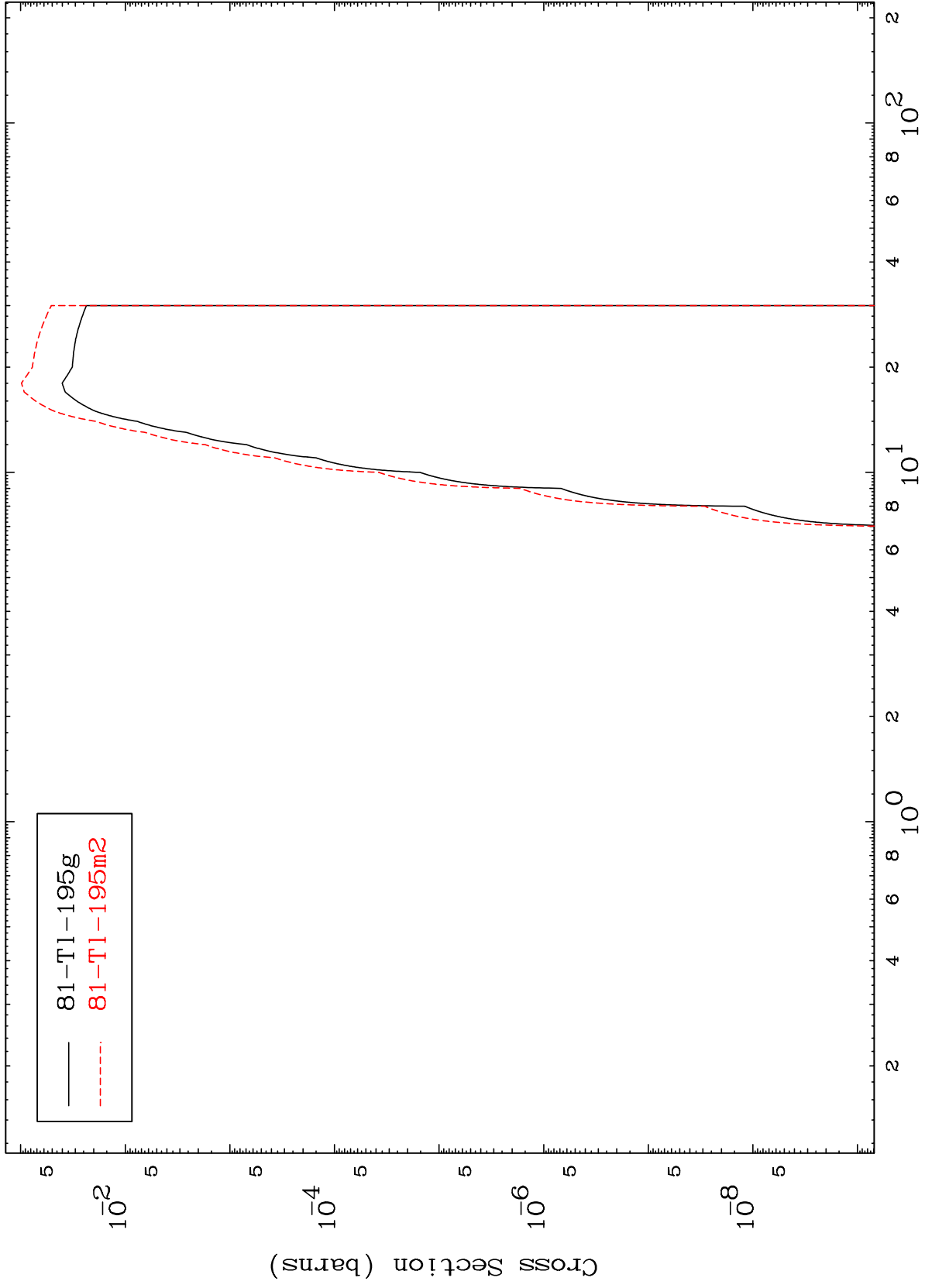


MAT 8102

(n,d)

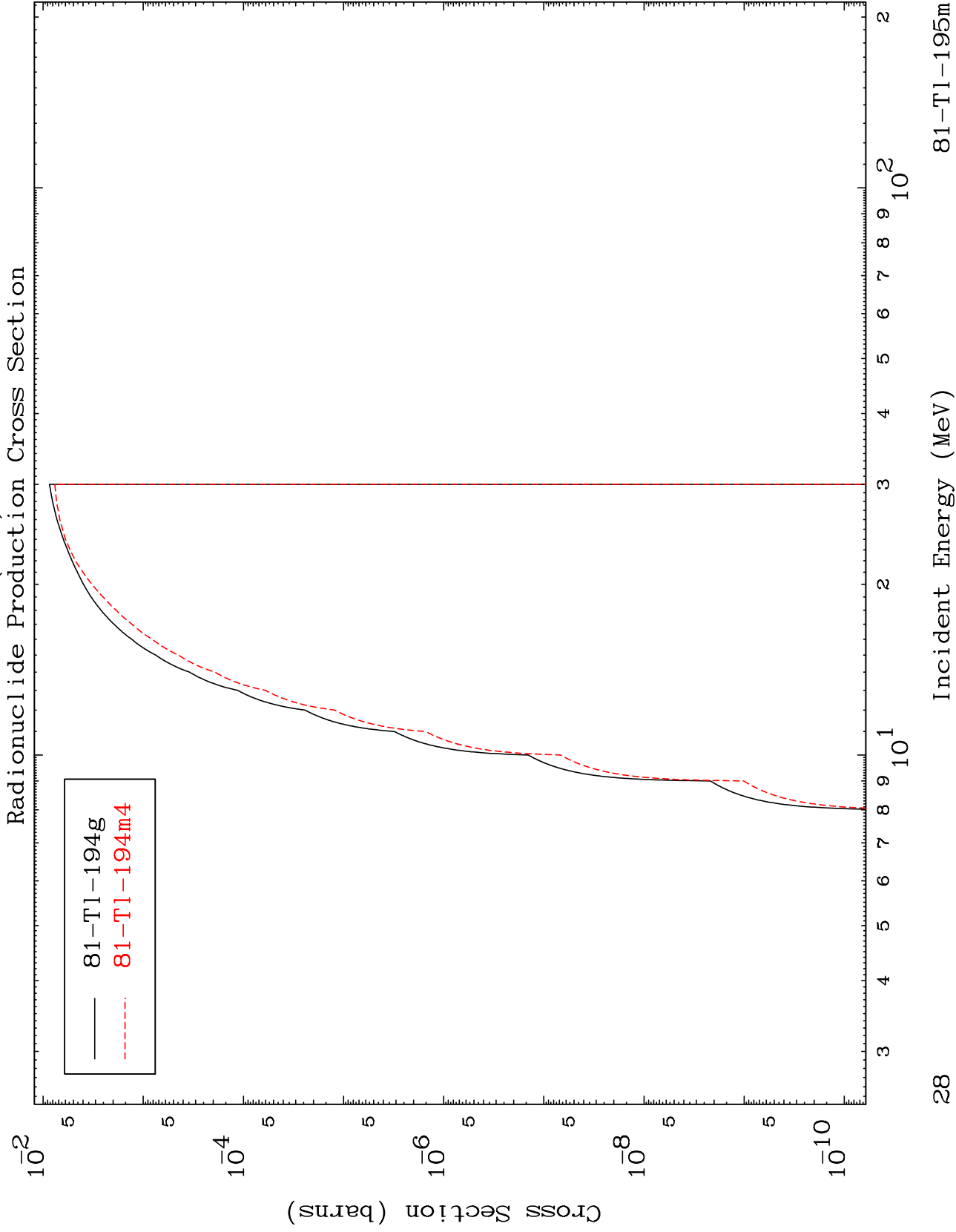
81-Tl-195m

Radionuclide Production Cross Section



MAT 8102

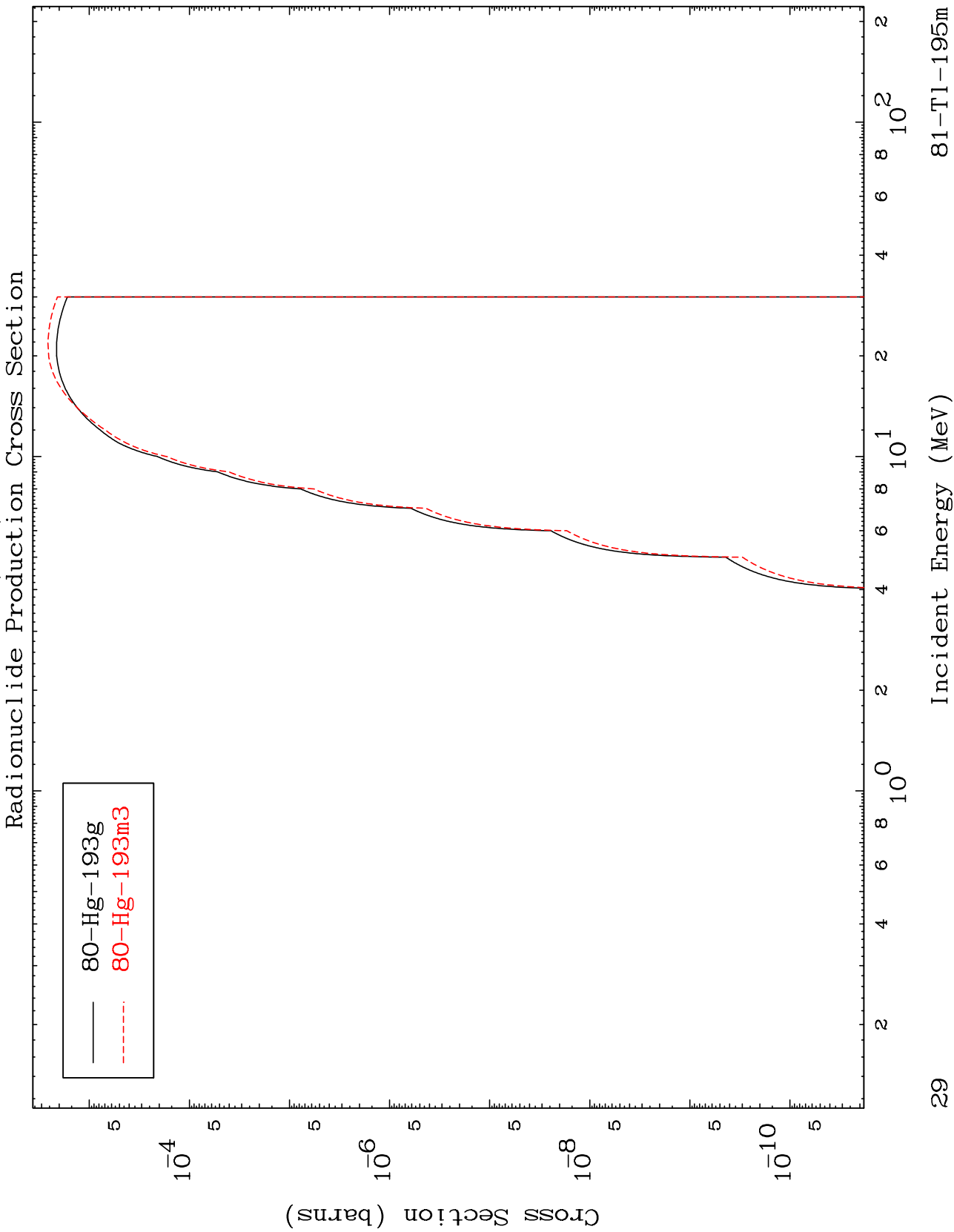
81-Tl-195m



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MAT 8102

81-Tl-195m

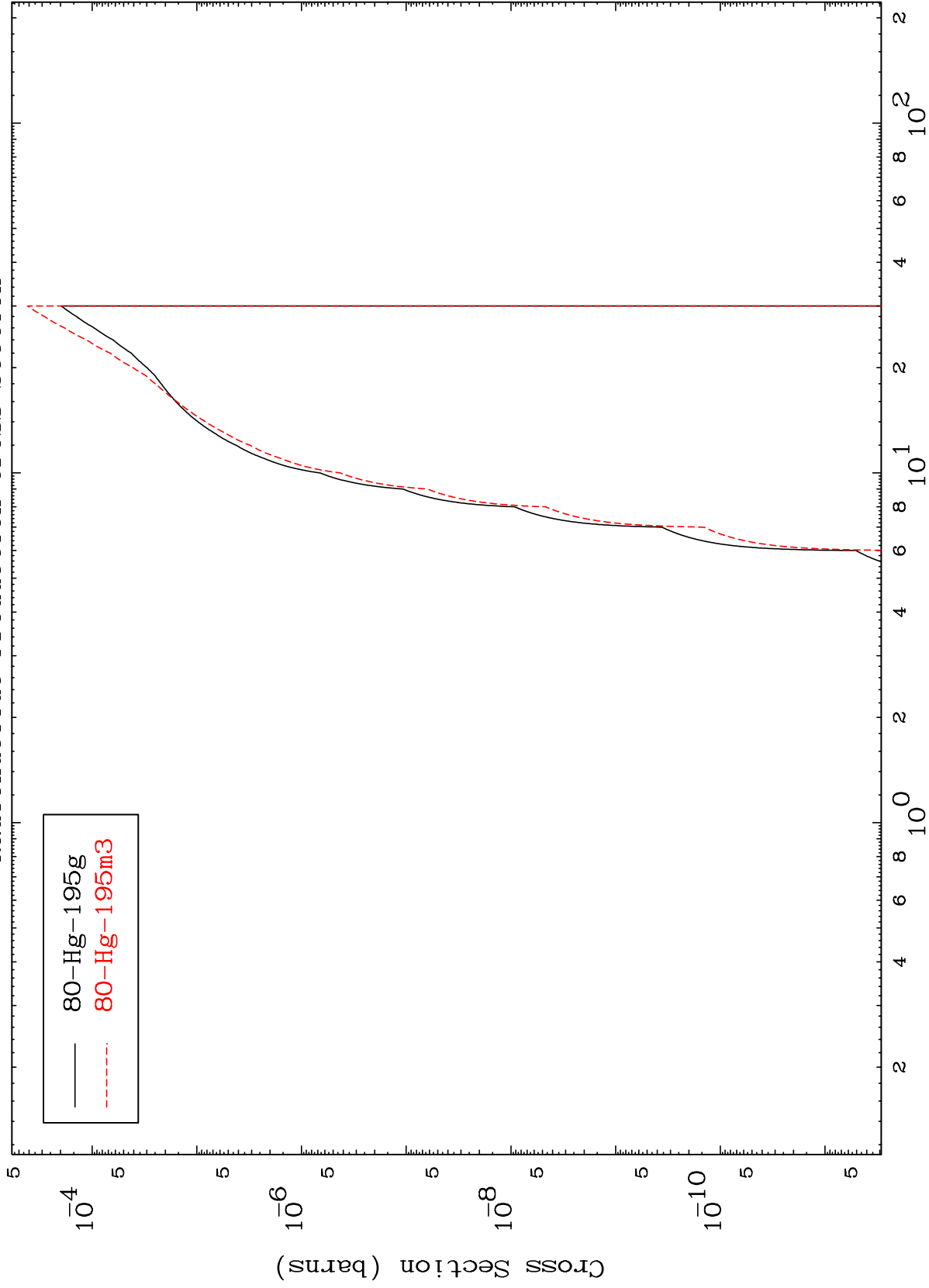


MAT 8102

(n,2p)

81-Tl-195m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

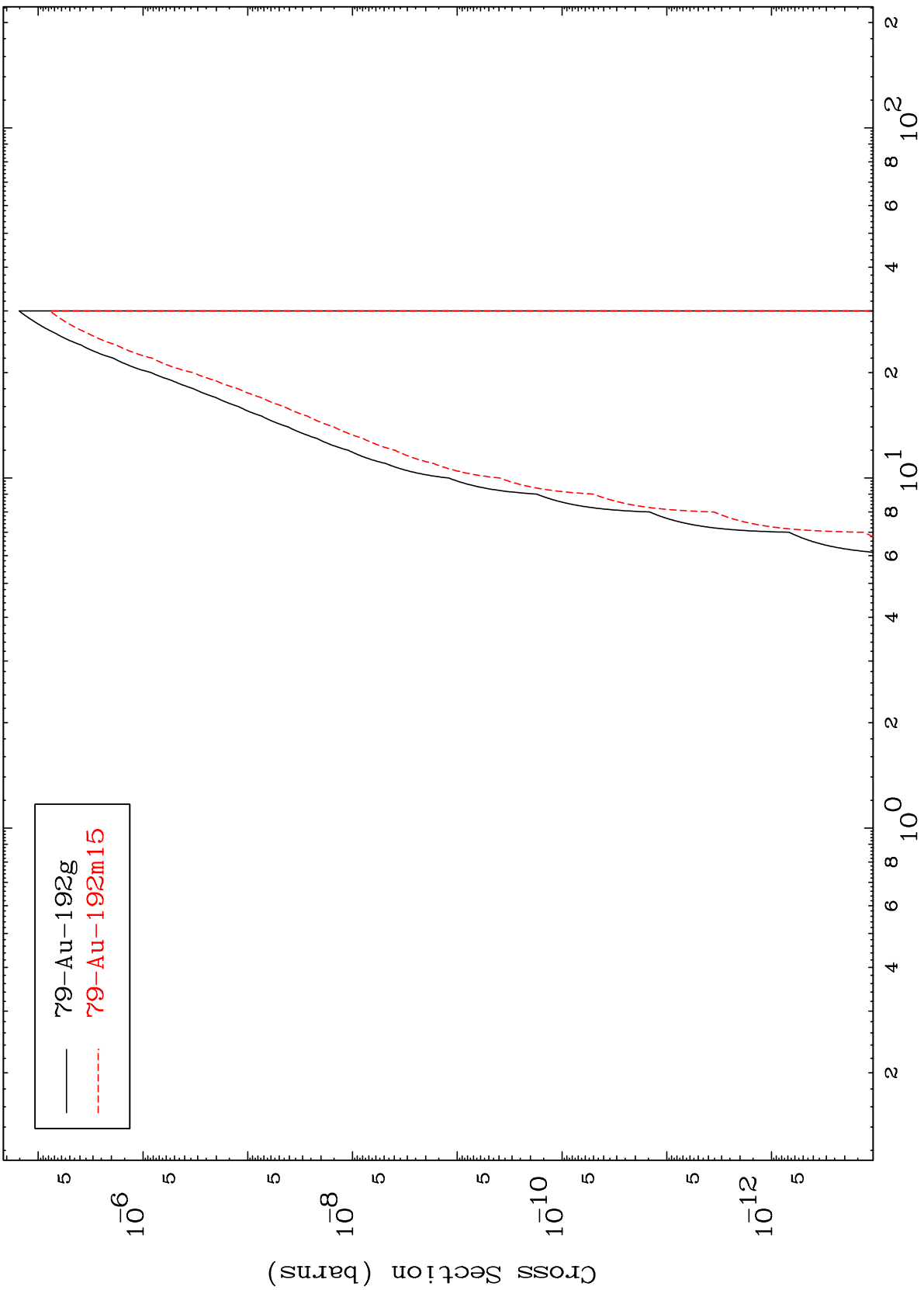
81-Tl-195m

MAT 8102

(n,p)  $\alpha$

81-Tl-195m

Radionuclide Production Cross Section



79-Au-192g  
79-Au-192m15

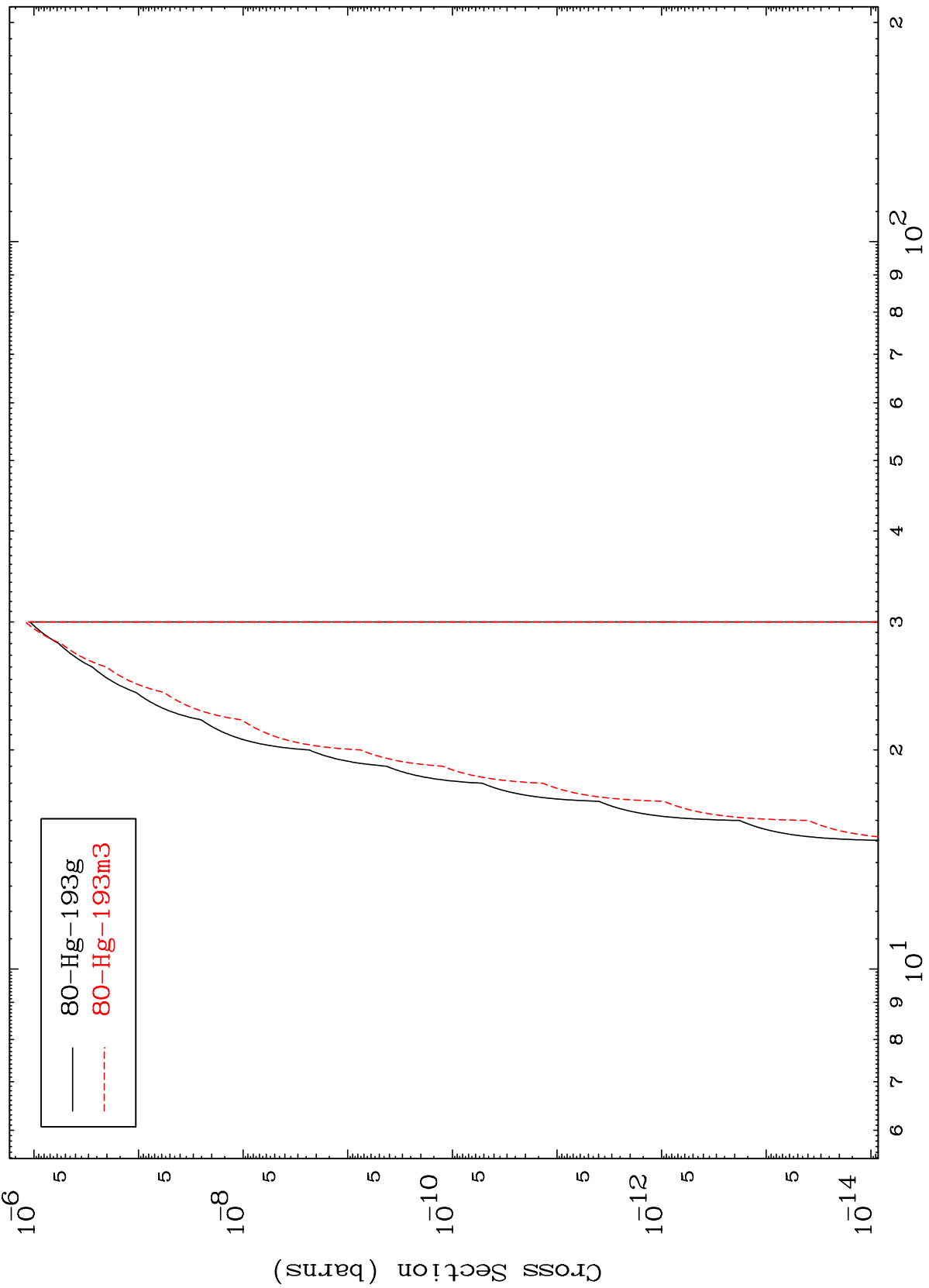


MAT 8102

(n,p) t

81-TI-195m

Radionuclide Production Cross Section



32

Incident Energy (MeV)

81-TI-195m

MAT 8102

(n,d)  $\alpha$

81-Tl-195m

