

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

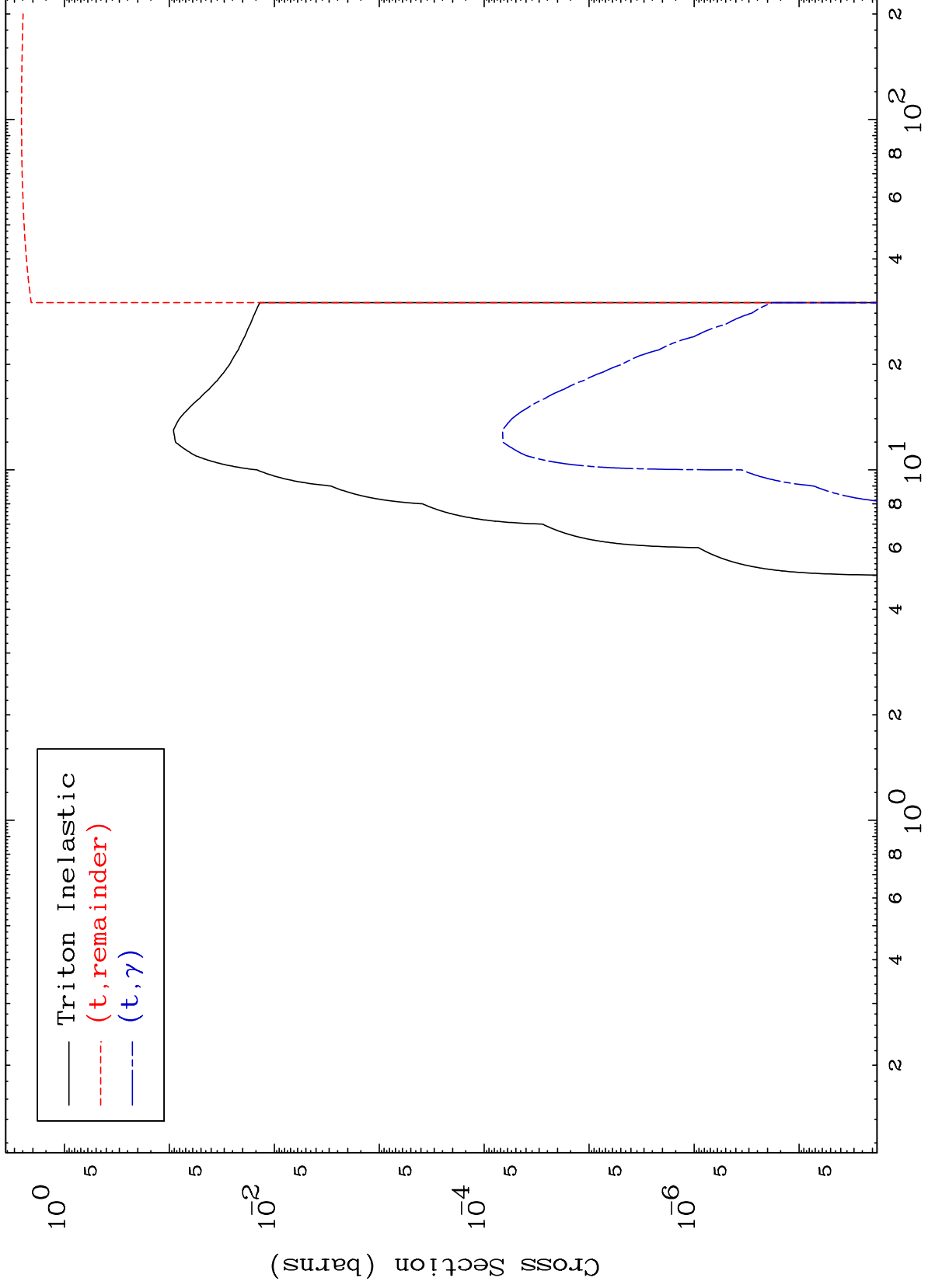
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

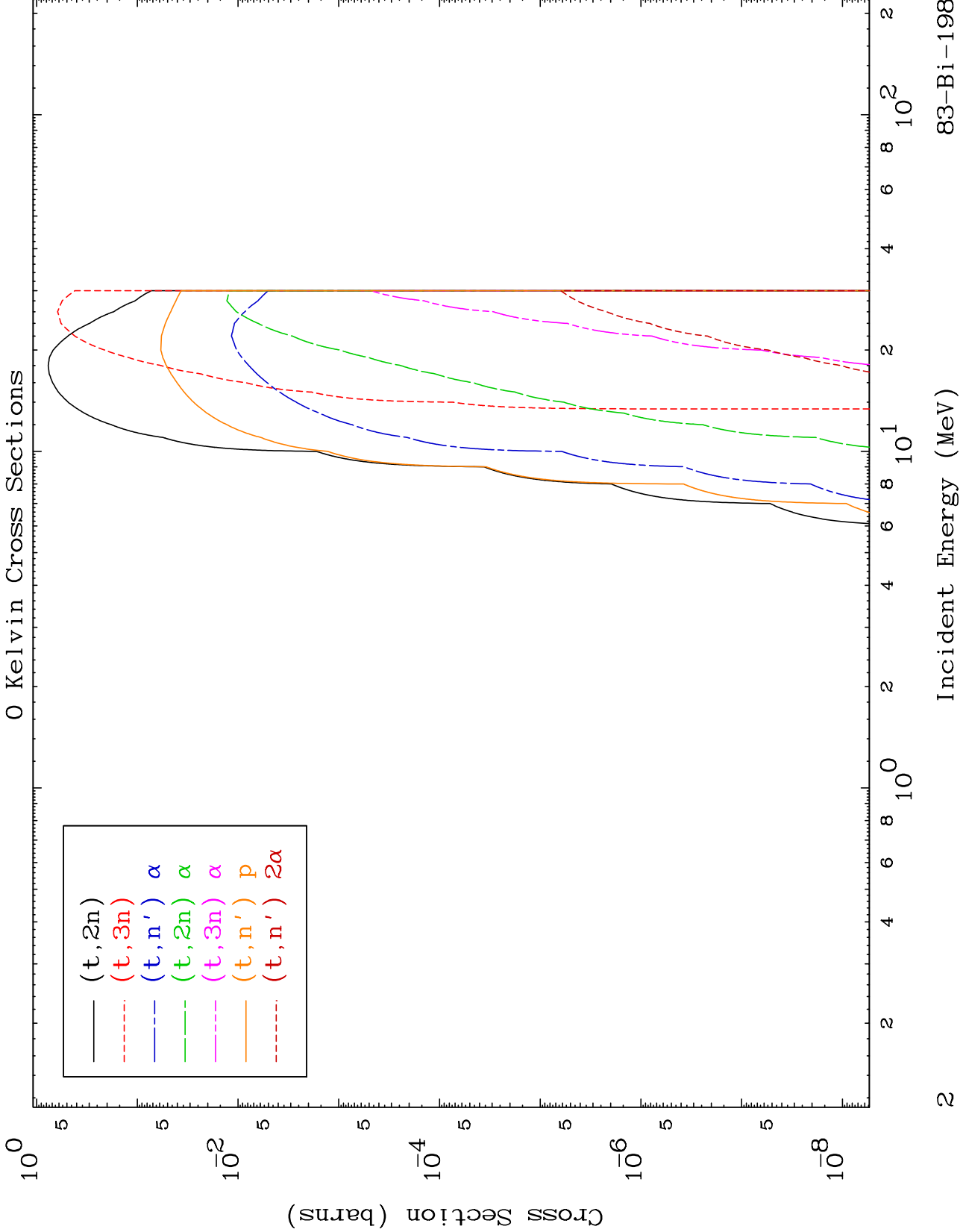
Tele: 925-443-1911

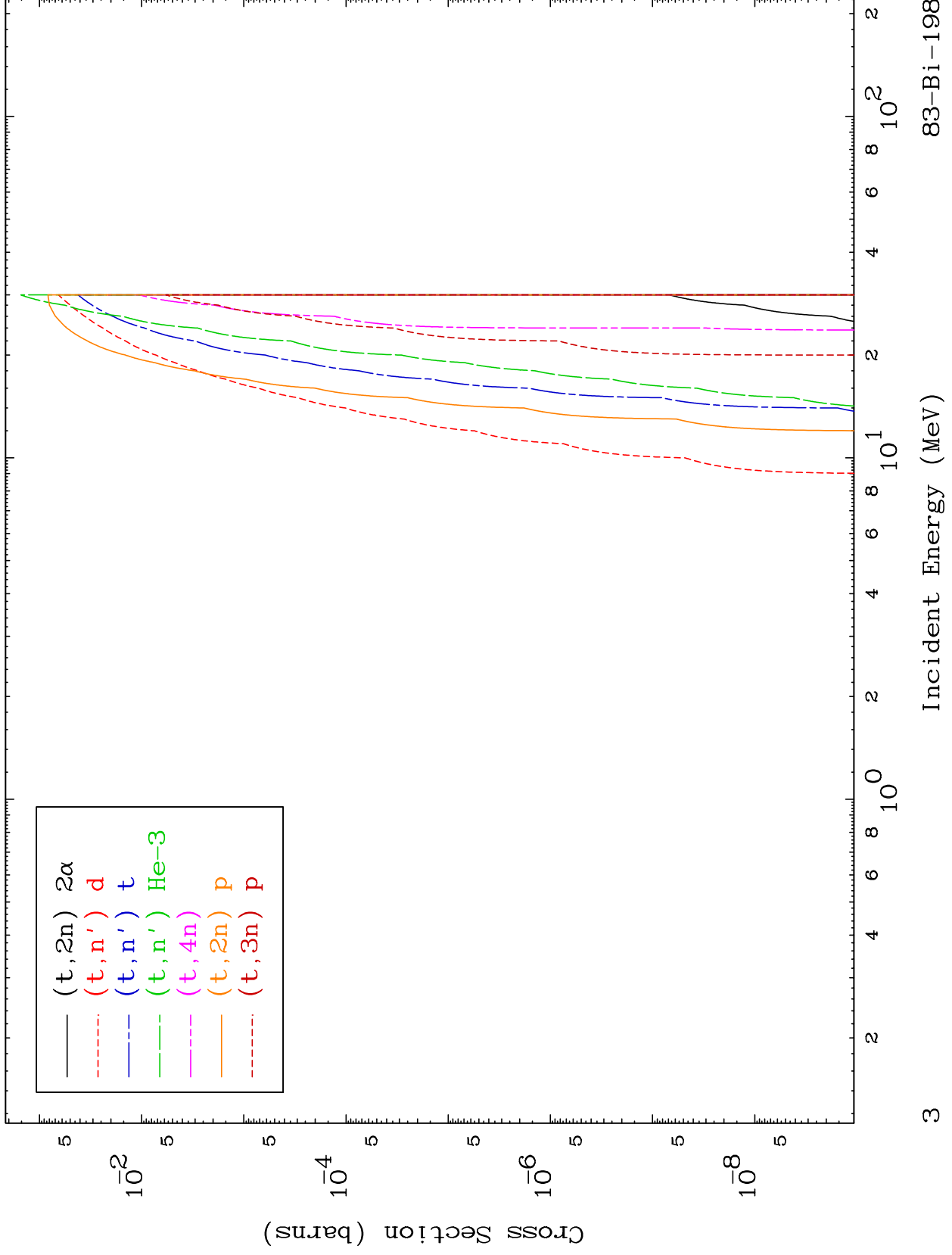
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

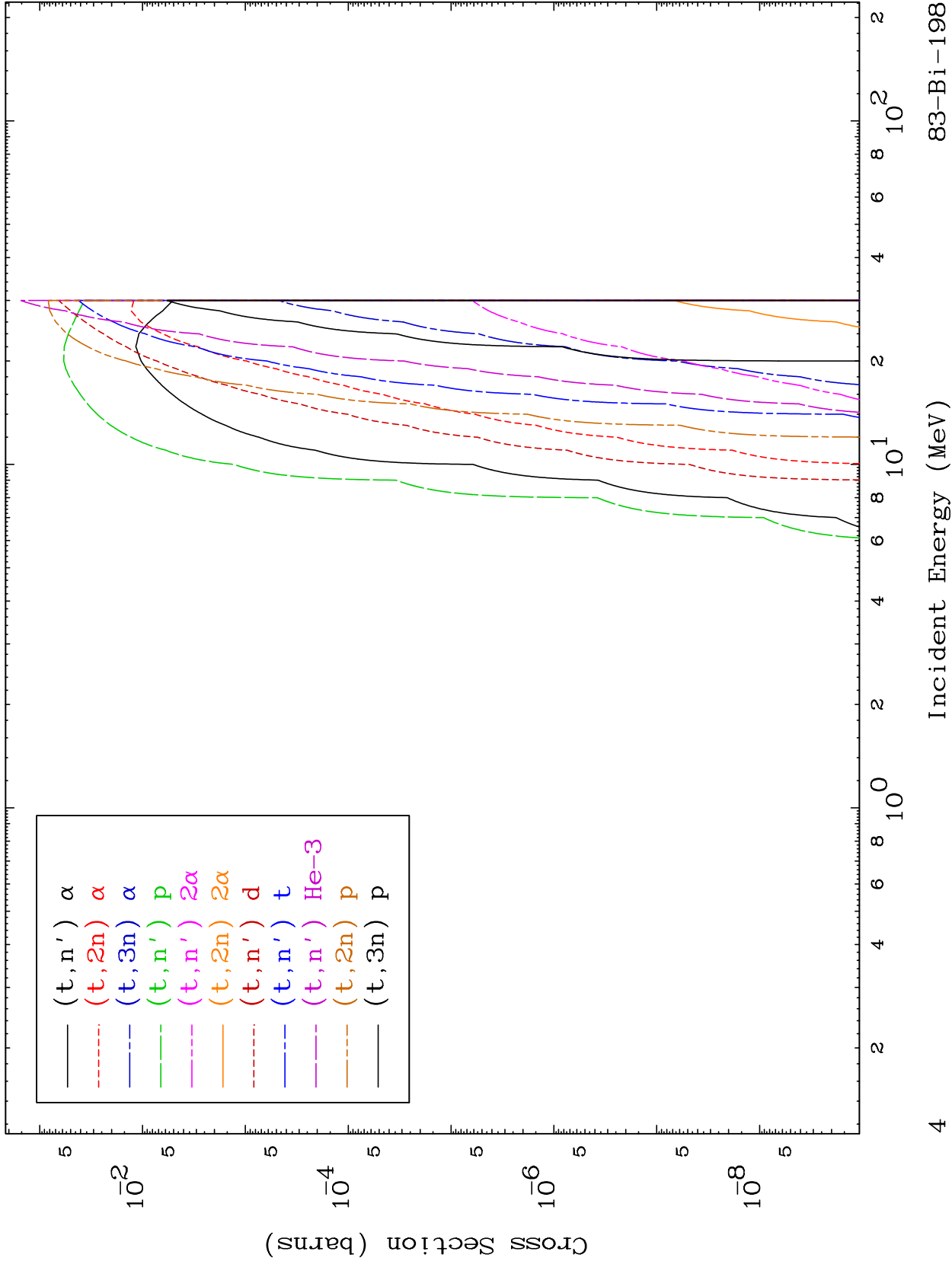
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

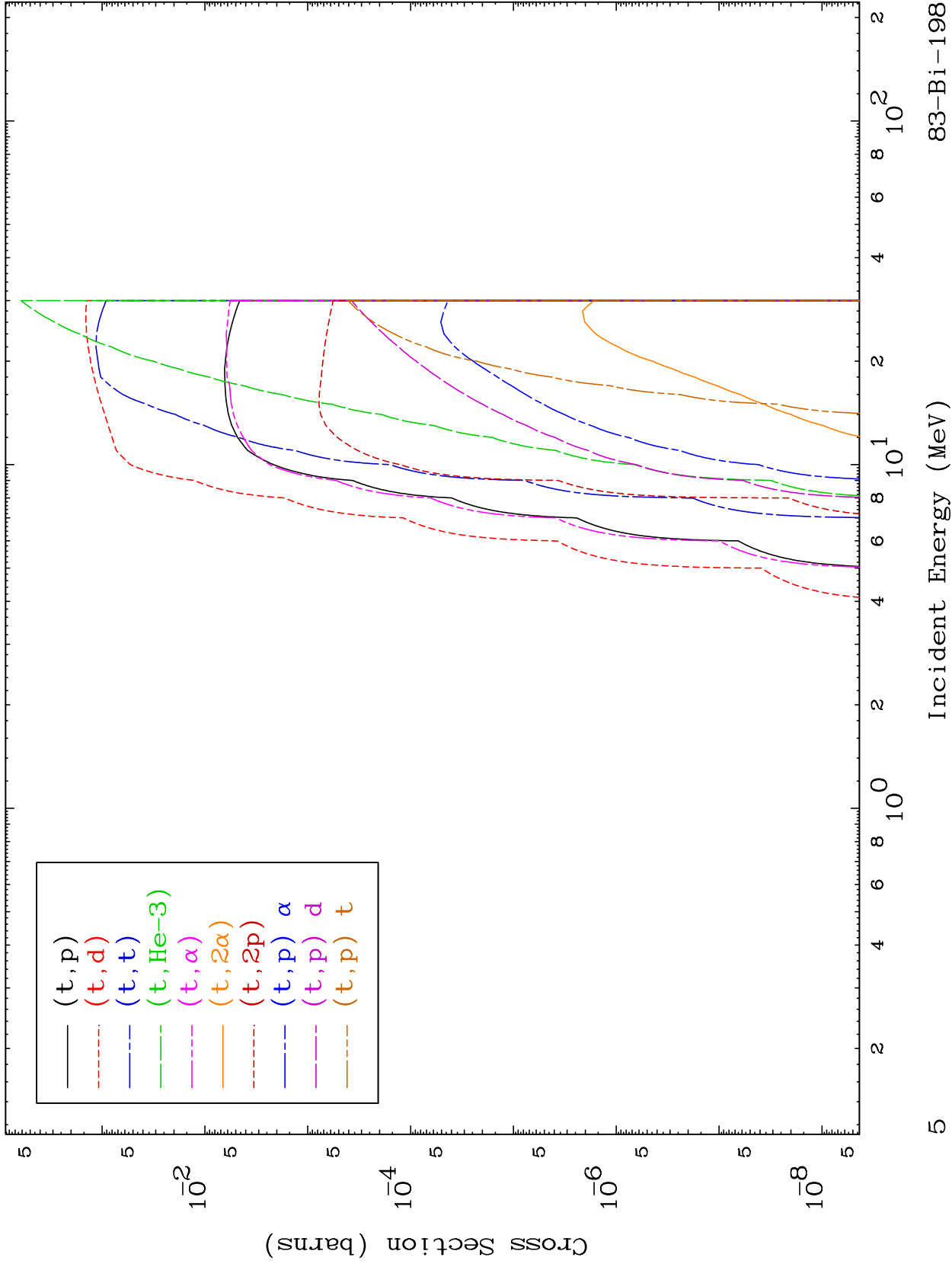
Press Mouse Button to Start









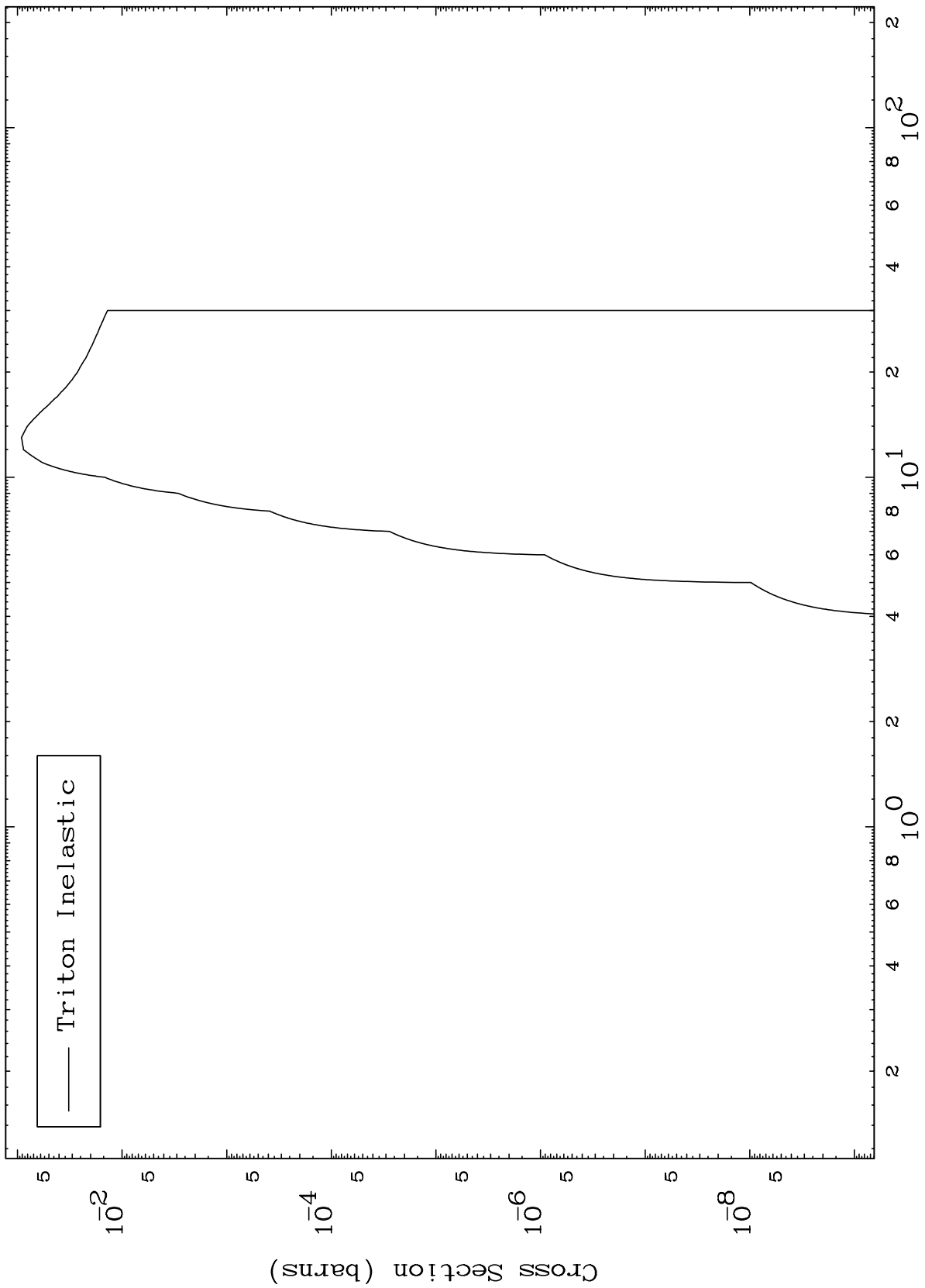


MAT 8292

(t, n') Level

83-Bi-198

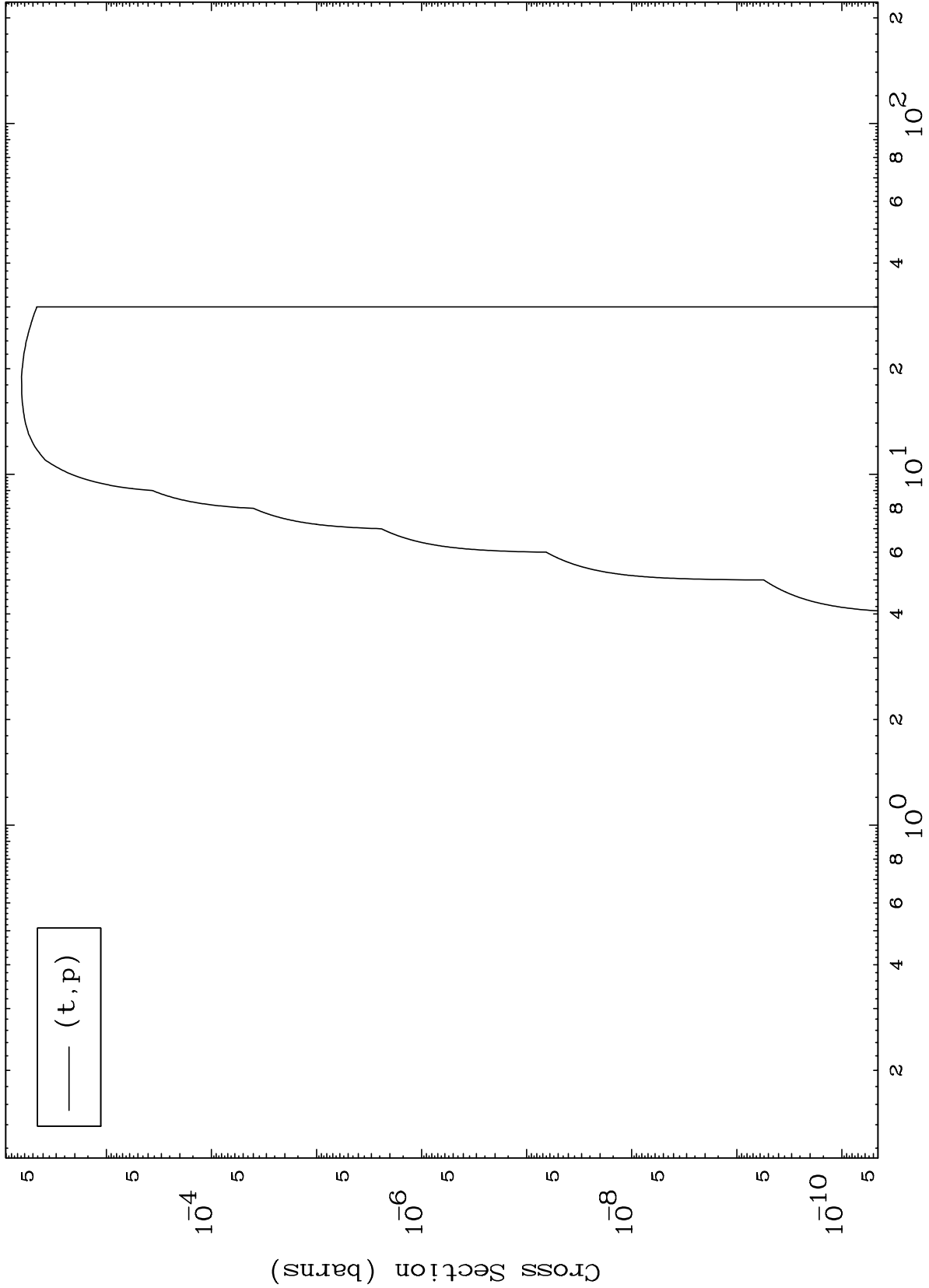
0 Kelvin Cross Sections



MAT 8292

83-Bi-198

(t,p) Levels  
0 Kelvin Cross Sections



83-Bi-198

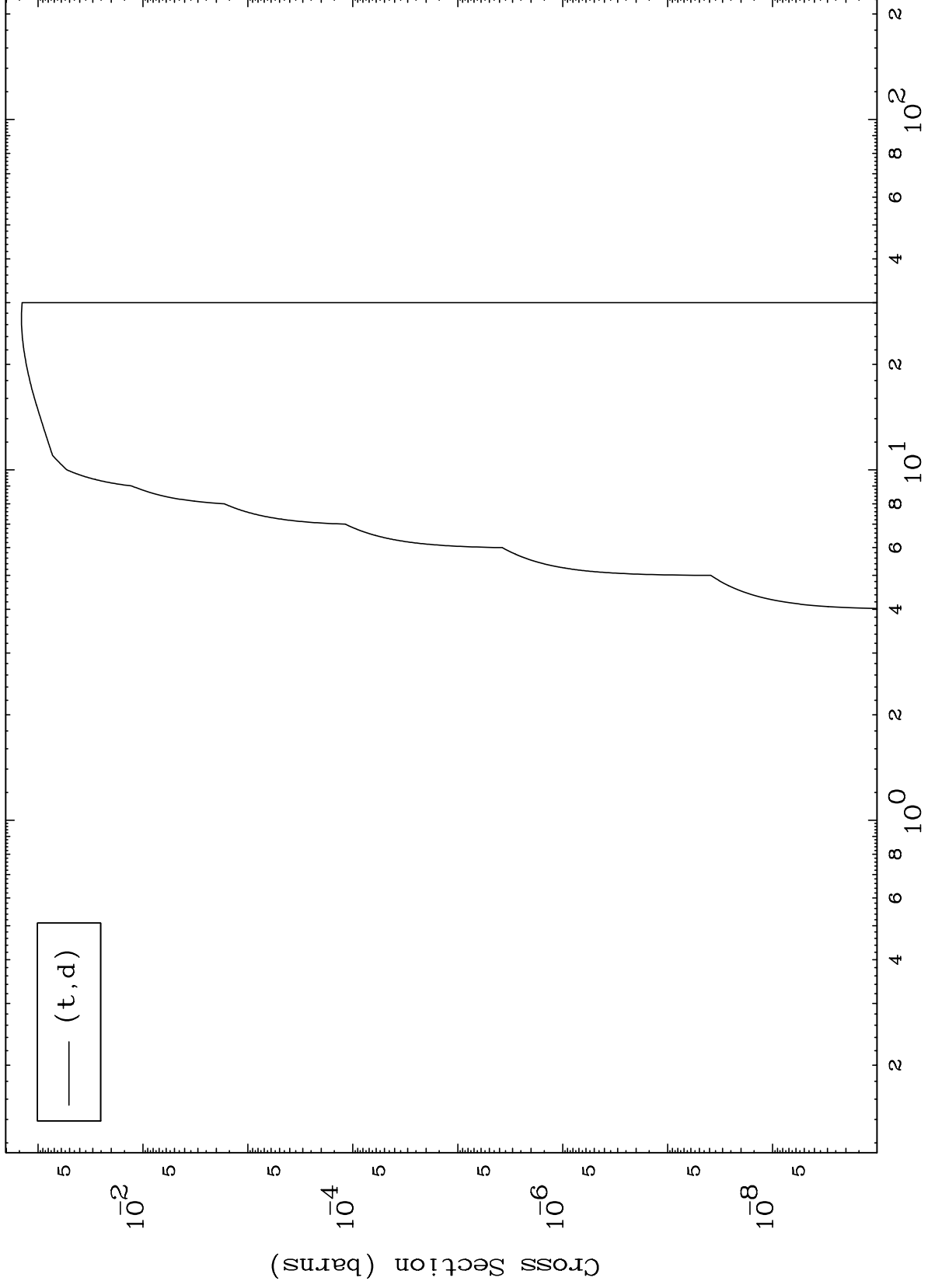
Incident Energy (MeV)



MAT 8292

(t,d) Levels  
0 Kelvin Cross Sections

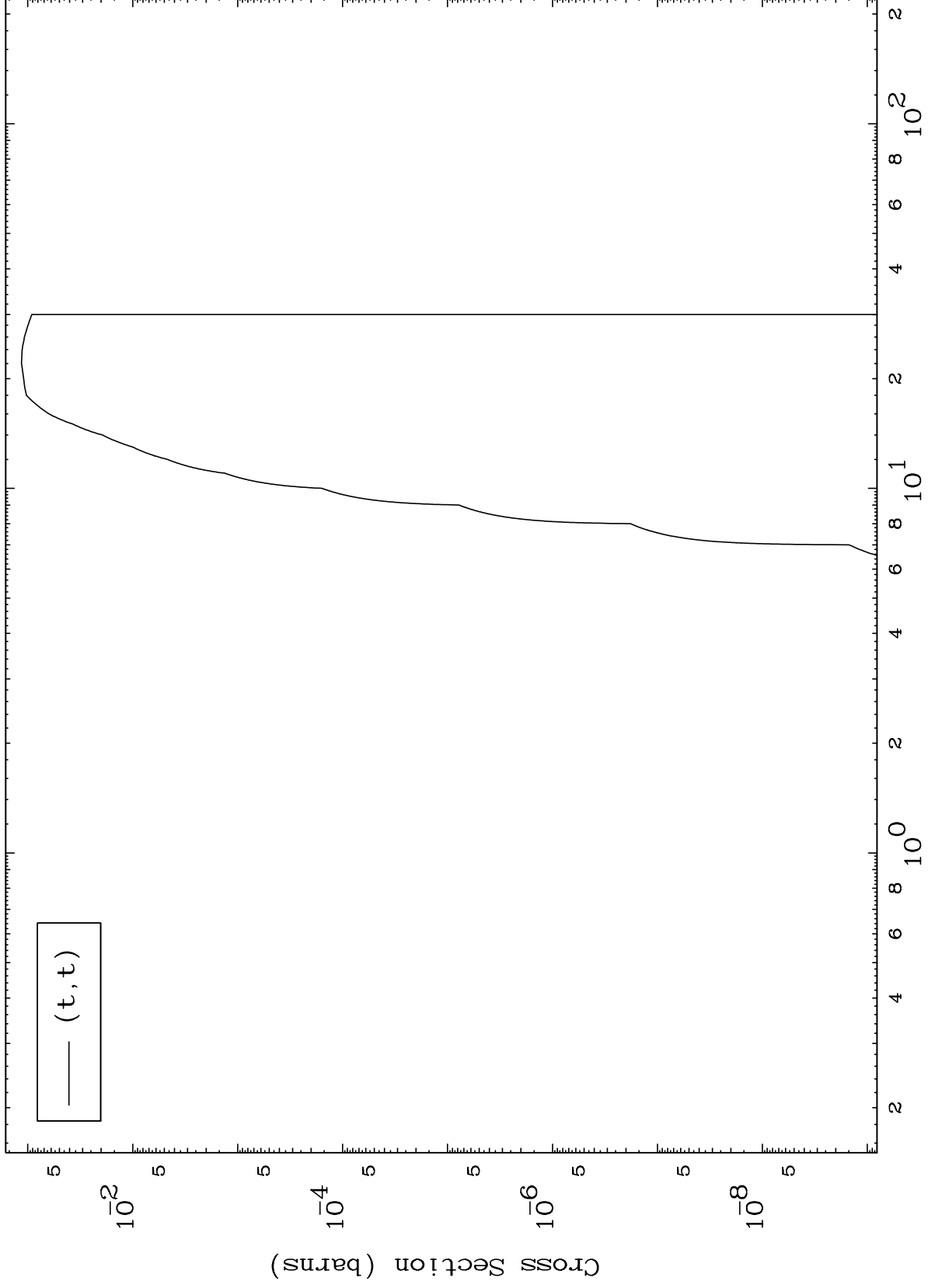
83-Bi-198



MAT 8292

(t, t) Levels  
0 Kelvin Cross Sections

83-Bi-198

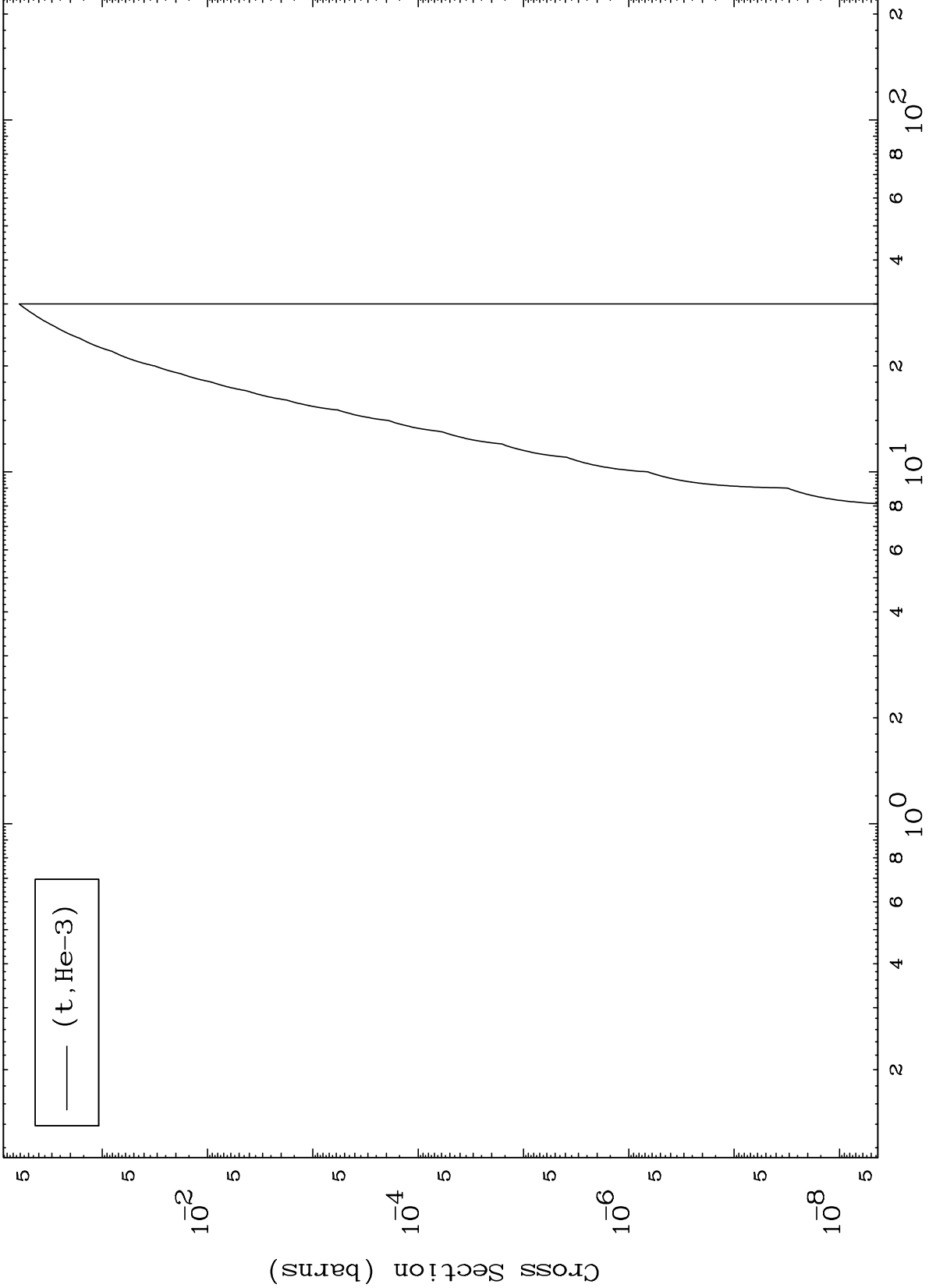


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(t,He3) Levels

83-Bi-198

0 Kelvin Cross Sections



10

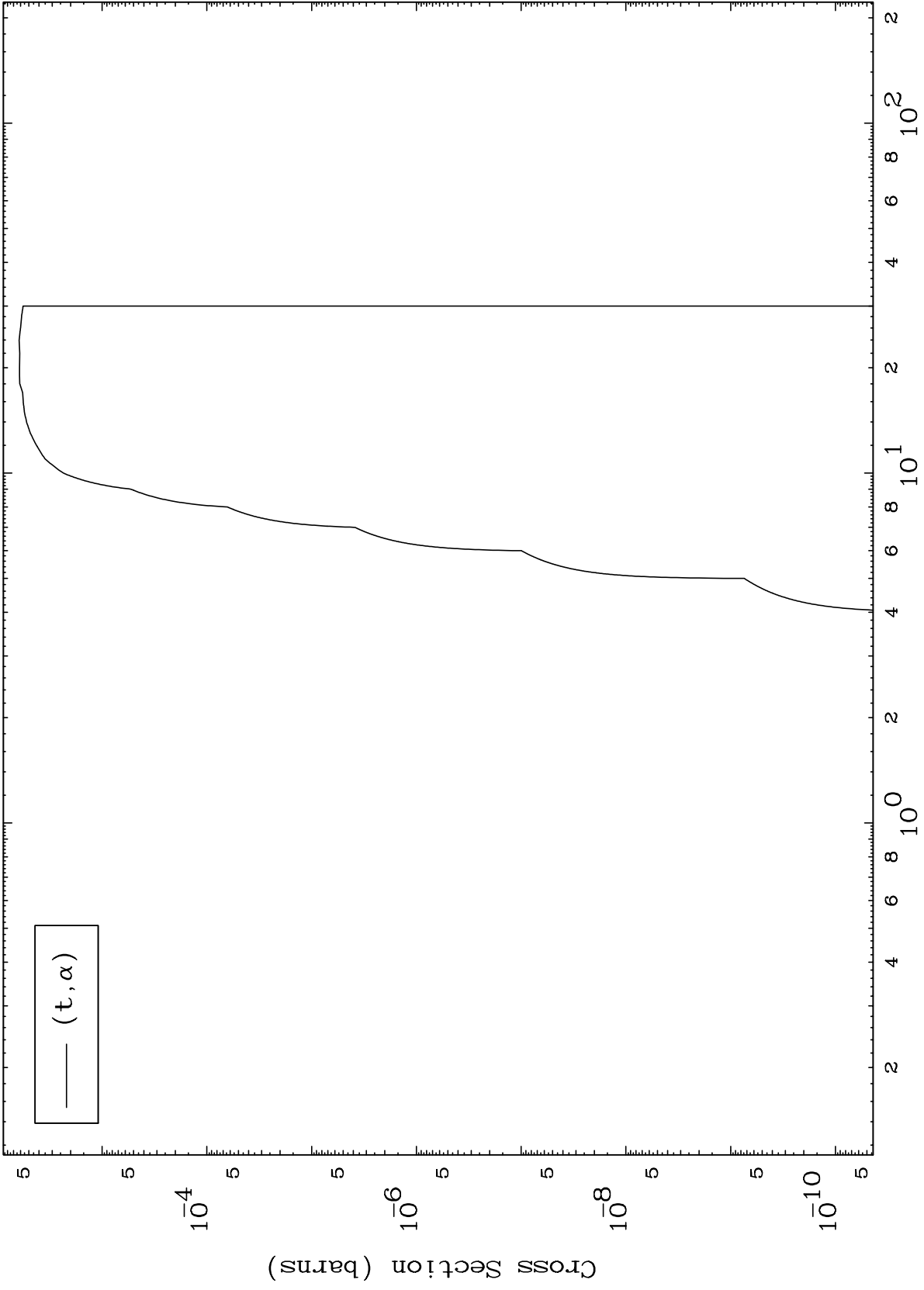
Incident Energy (MeV)

83-Bi-198

MAT 8292

83-Bi-198

(t,  $\alpha$ ) Levels  
0 Kelvin Cross Sections



83-Bi-198

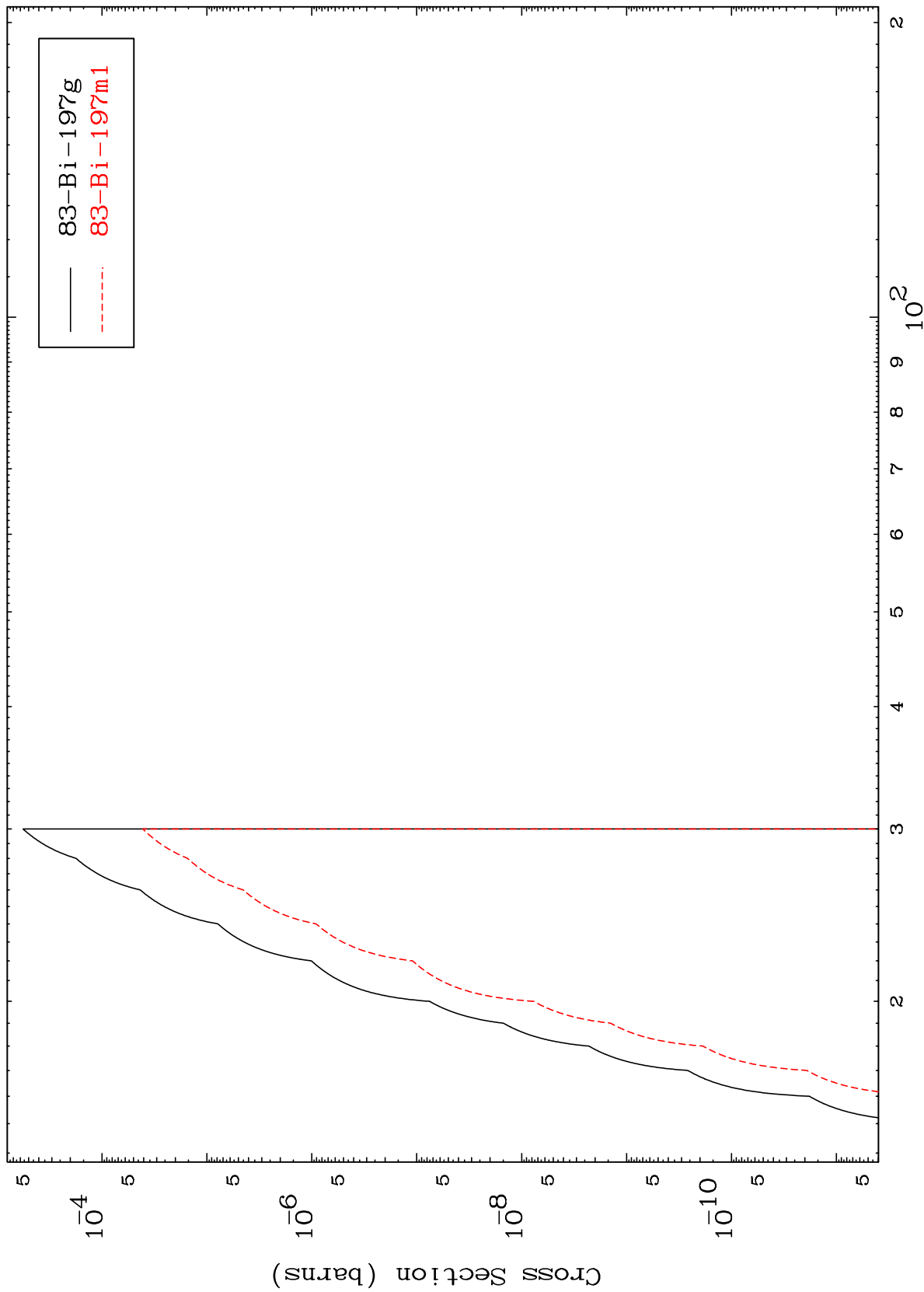
Incident Energy (MeV)

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(t,2n) d

83-Bi-198

Radionuclide Production Cross Section



12

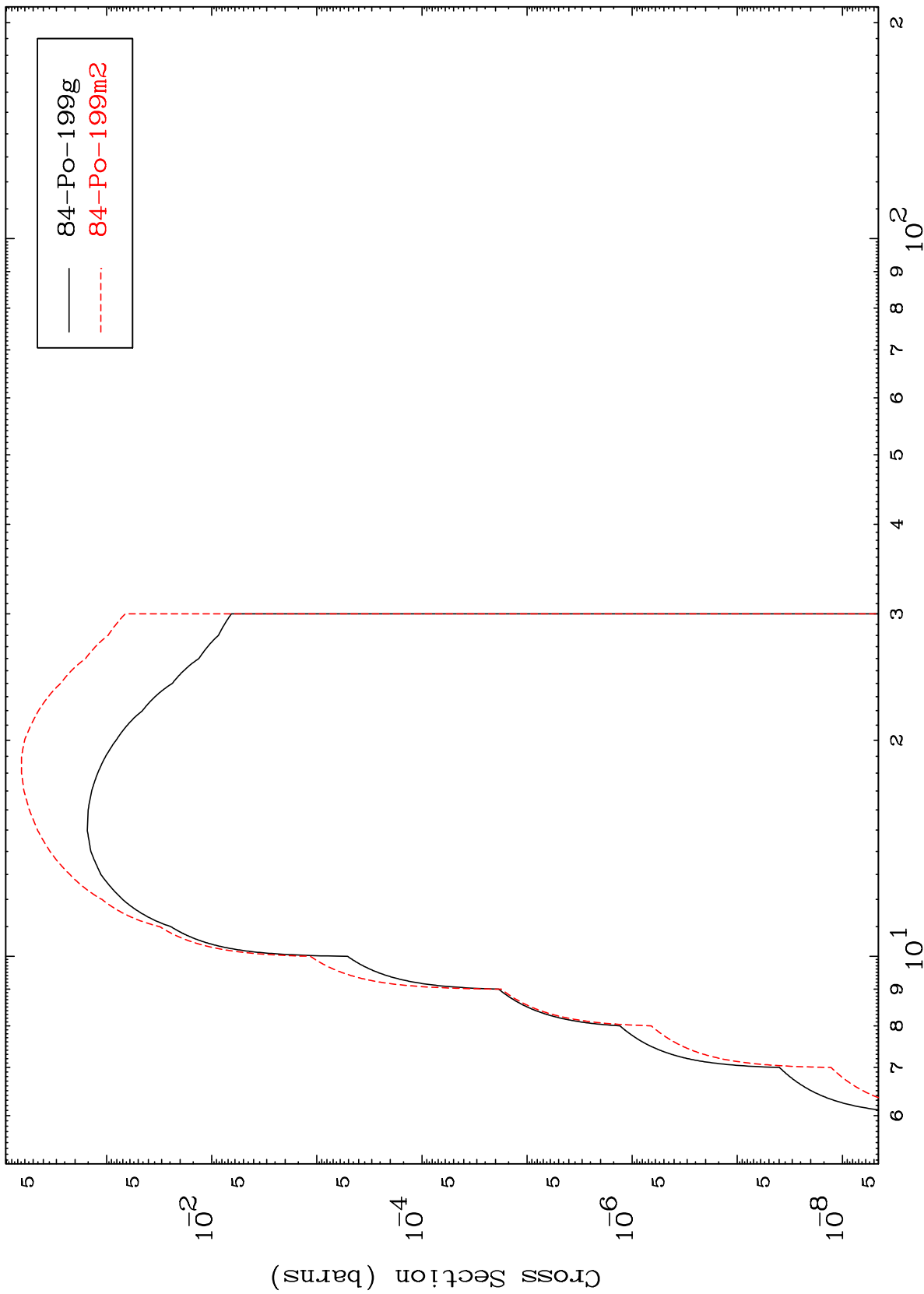
Incident Energy (MeV)

83-Bi-198

MAT 8292

83-Bi-198

(t,2n)  
Radionuclide Production Cross Section



83-Bi-198

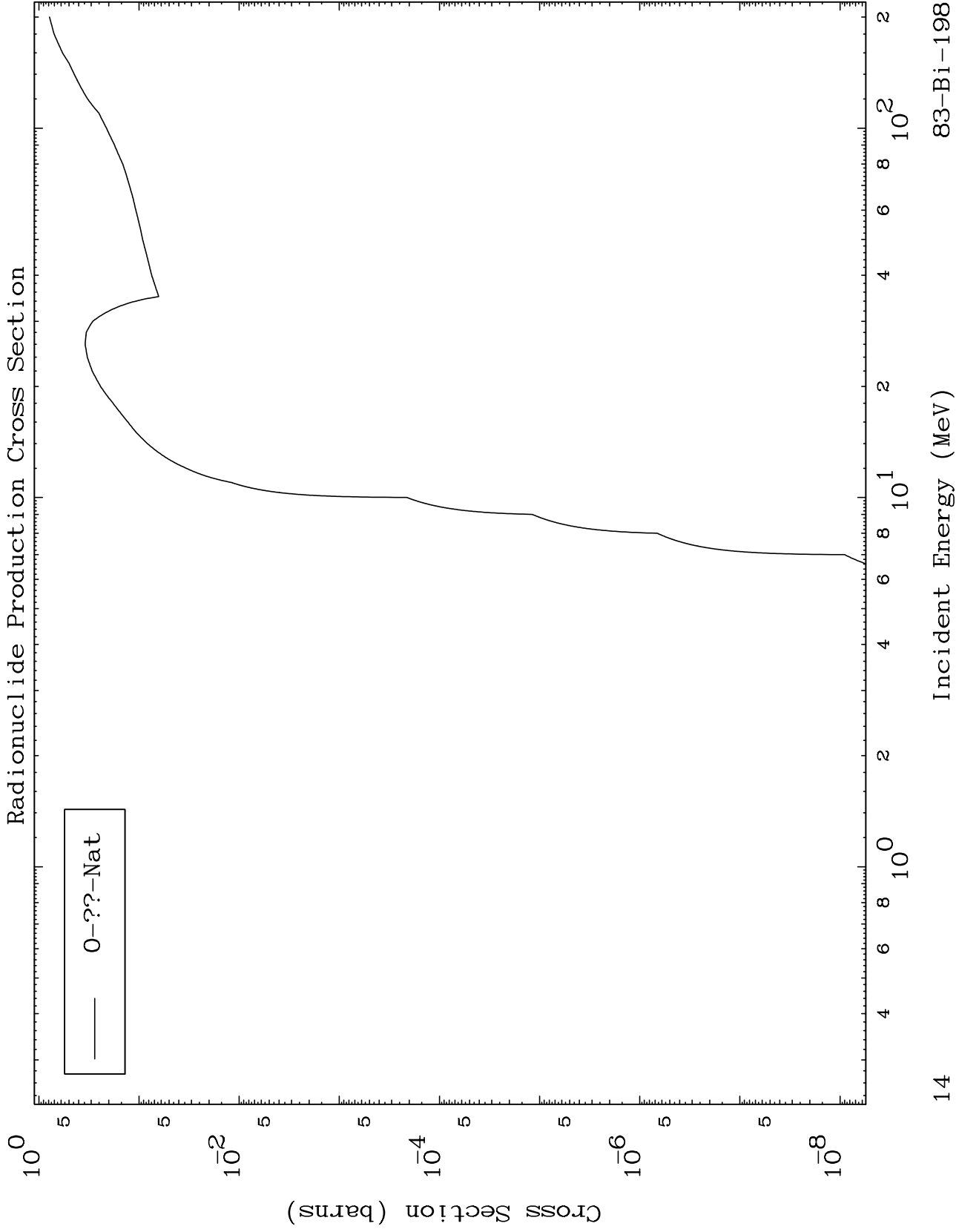
Incident Energy (MeV)

13

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Triton Fission

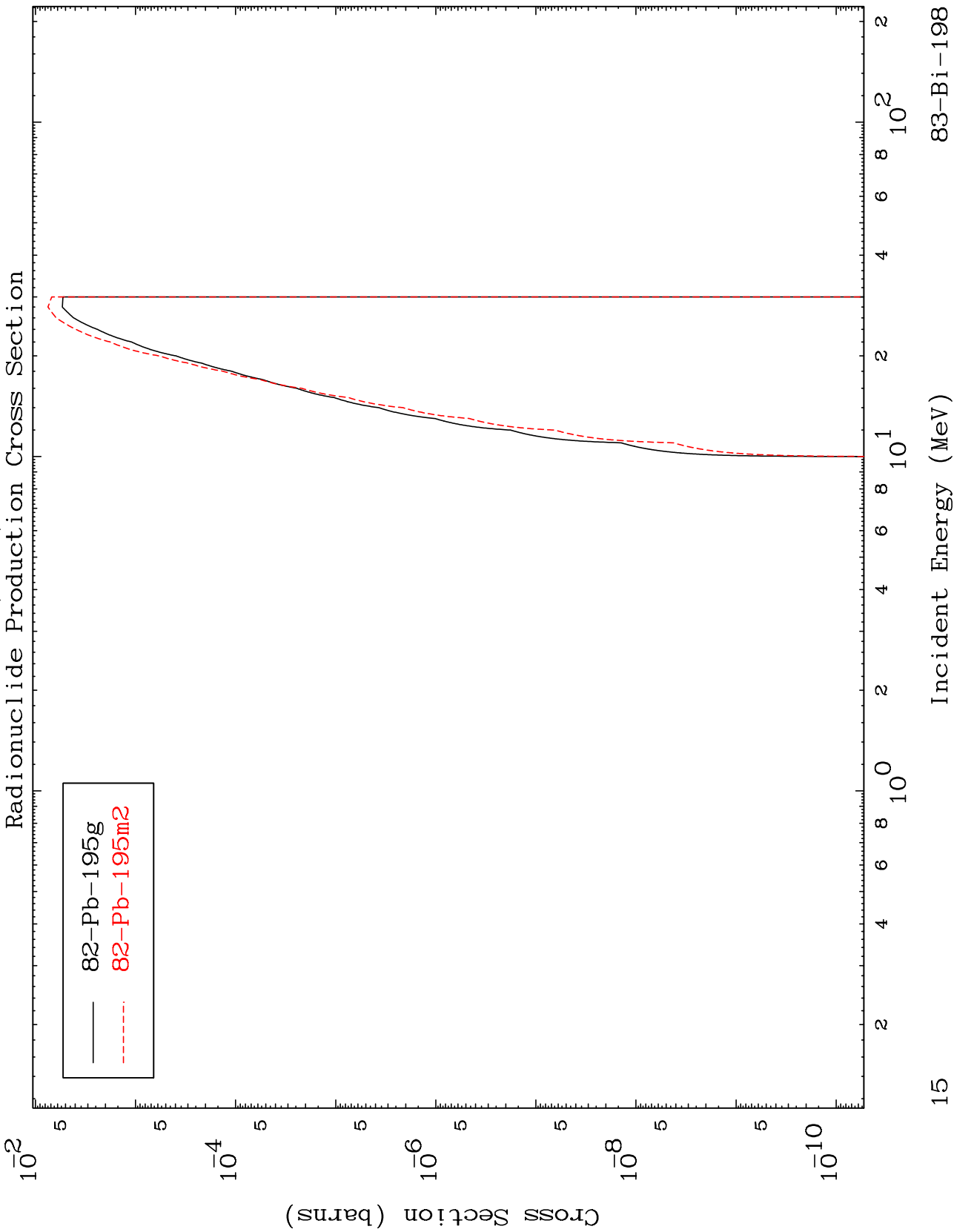
83-Bi-198



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$(t, 2n) \alpha$

83-Bi-198



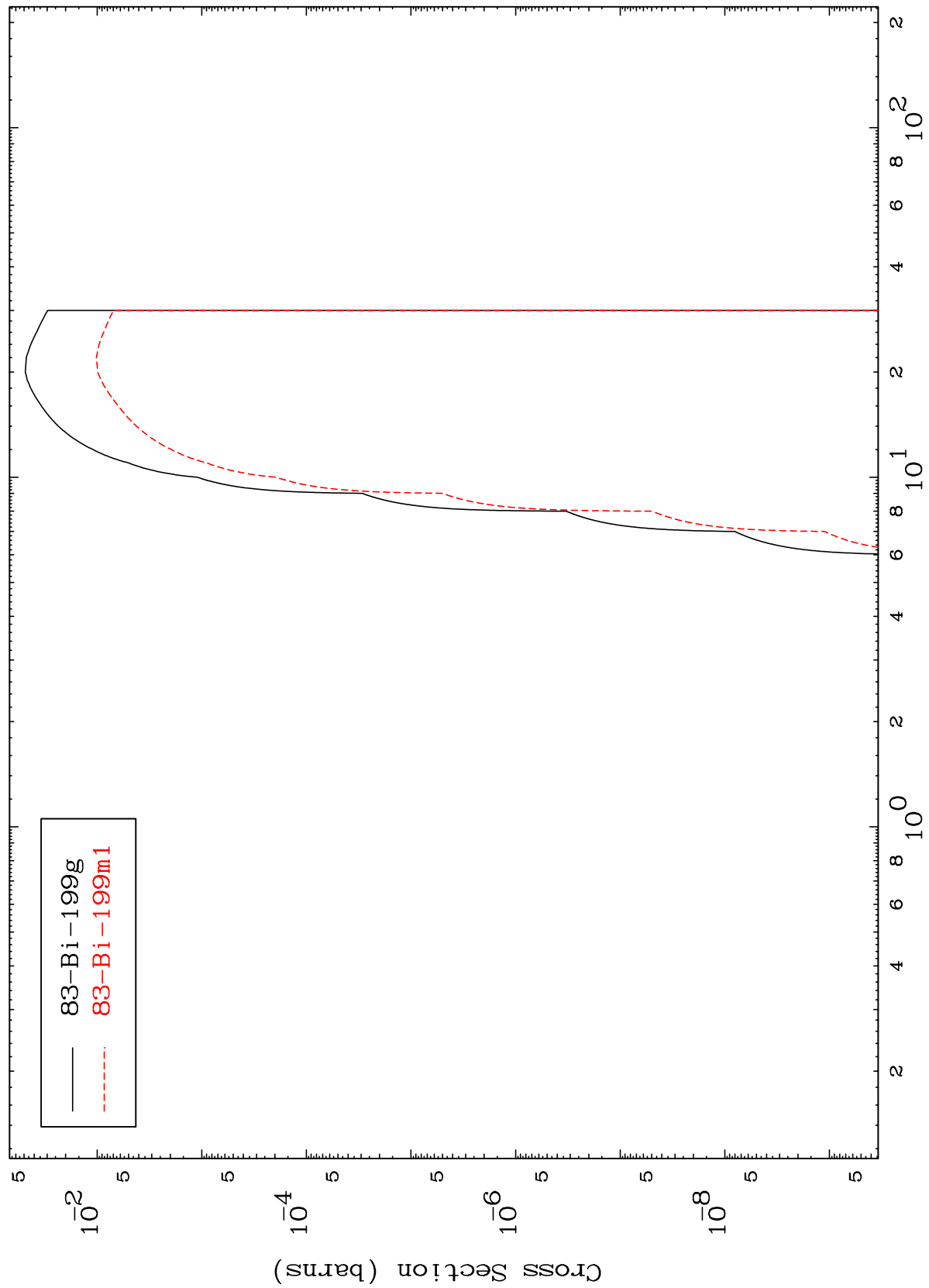


MAT 8292

(t,n') p

83-Bi-198

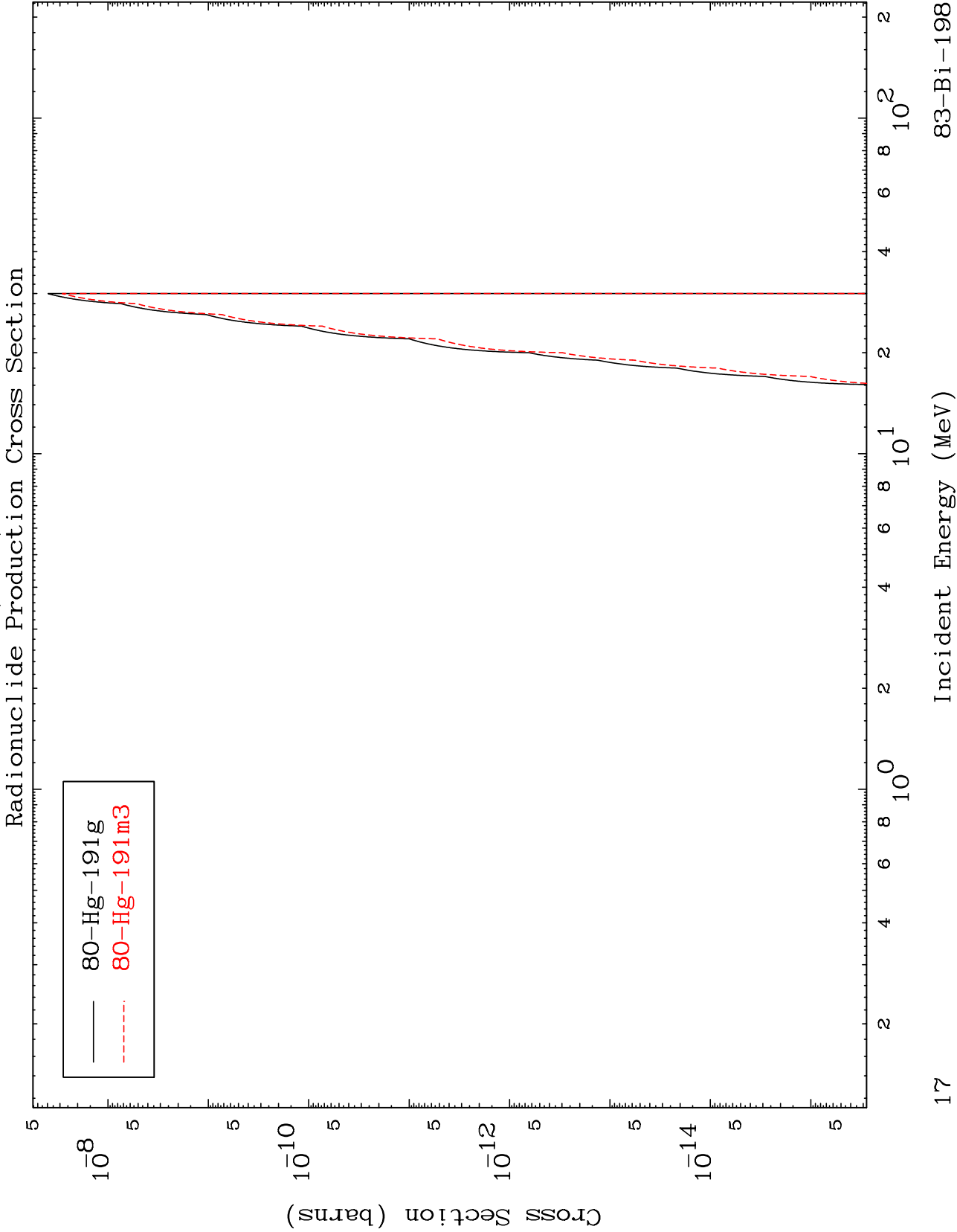
Radionuclide Production Cross Section



MAT 8292

(t,2n) 2 $\alpha$

83-Bi-198

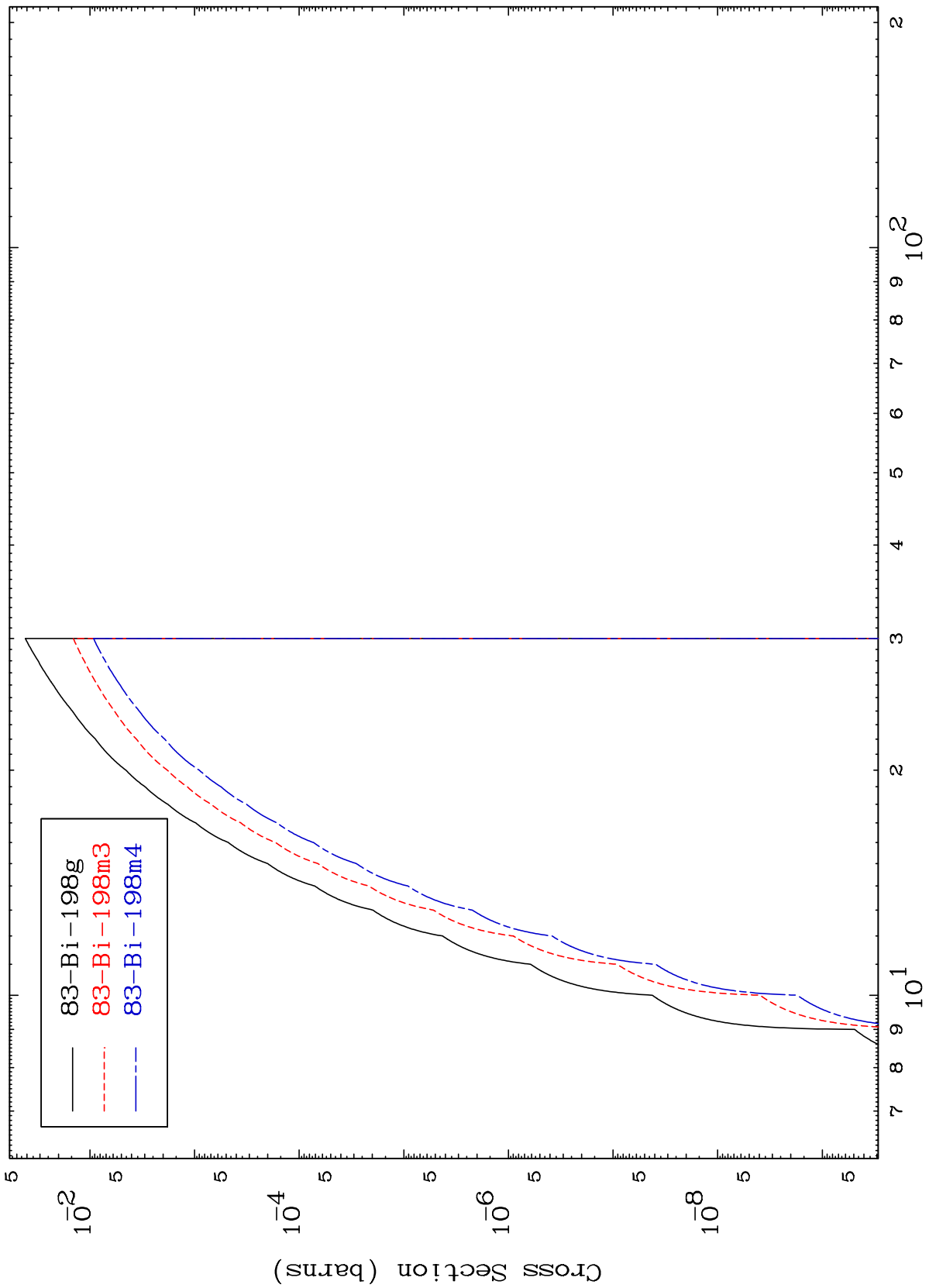


MAT 8292

(t,n') d

83-Bi-198

Radionuclide Production Cross Section



18

Incident Energy (MeV)

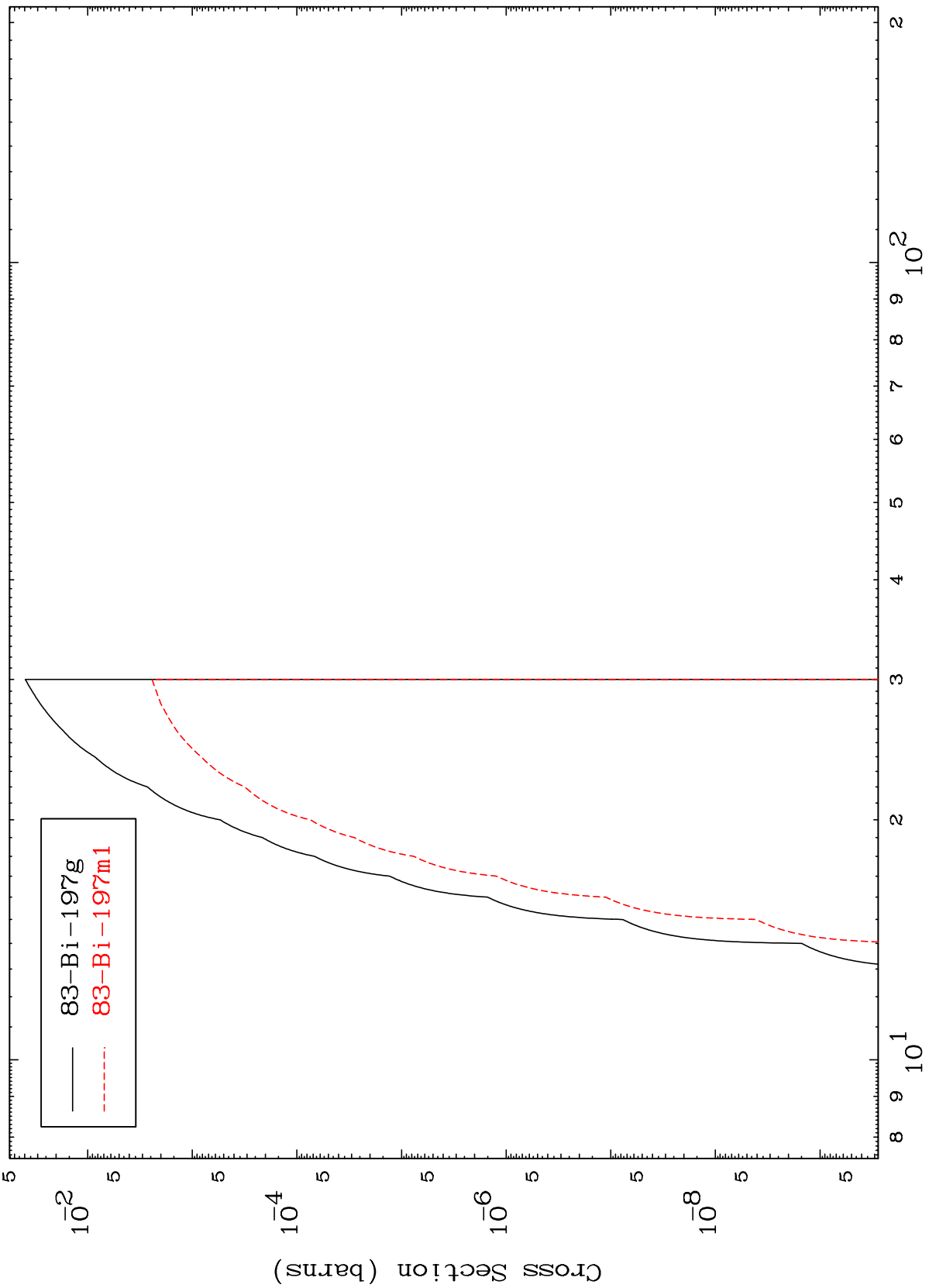
83-Bi-198

MAT 8292

(t,n') t

83-Bi-198

Radionuclide Production Cross Section



19

Incident Energy (MeV)

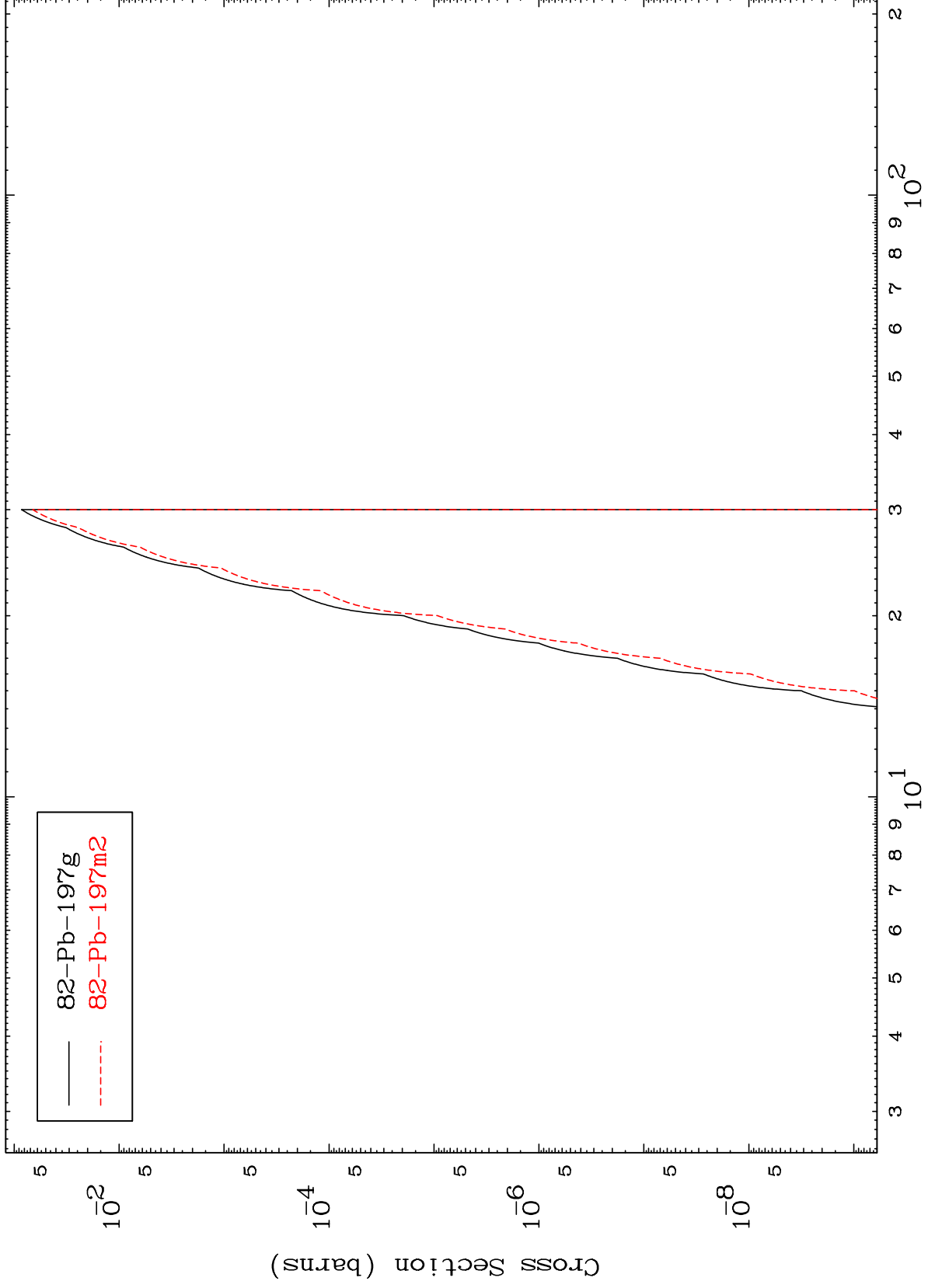
83-Bi-198

MAT 8292

(t,n') He-3

83-Bi-198

Radionuclide Production Cross Section



20

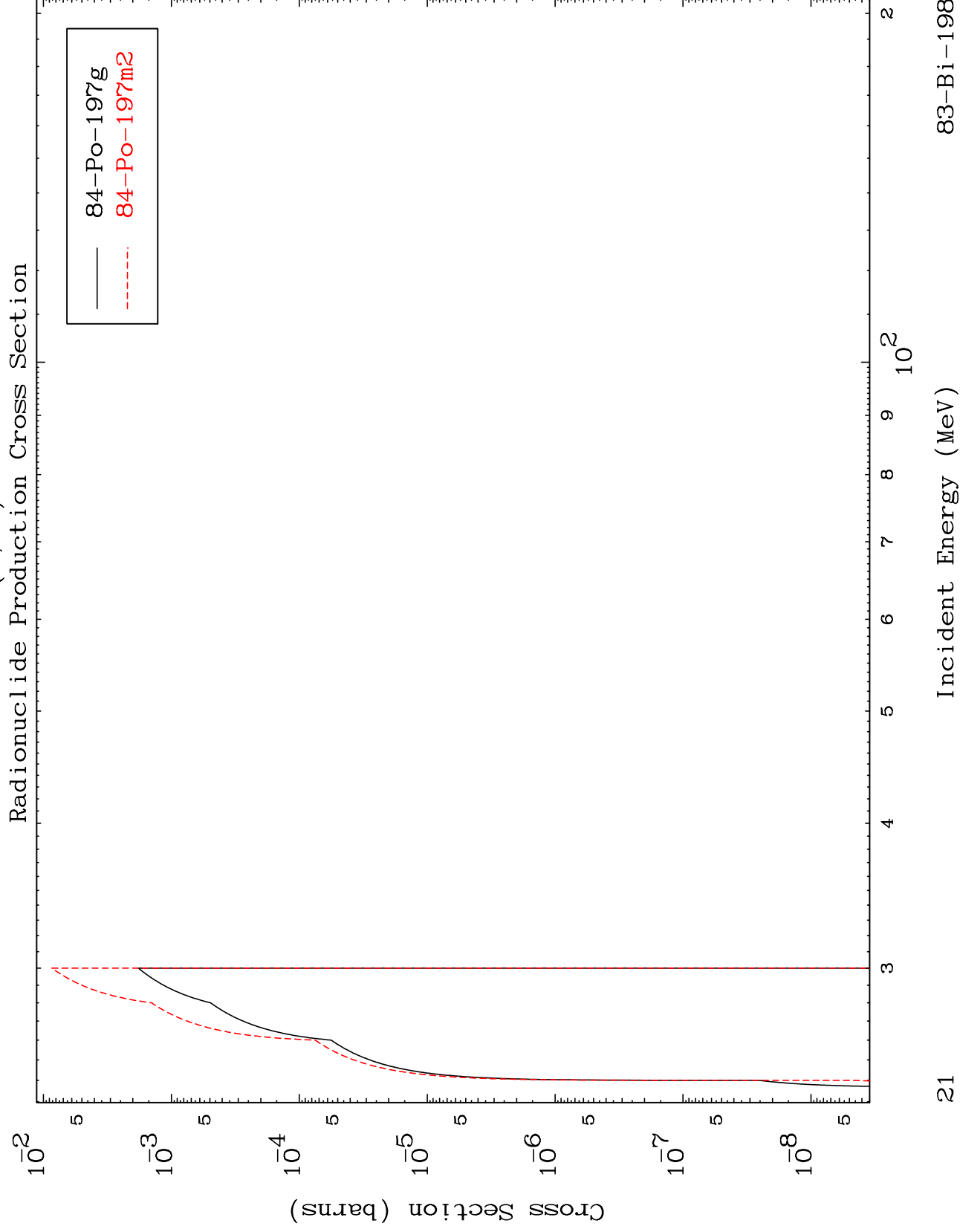
Incident Energy (MeV)

83-Bi-198

MAT 8292

(t,4n)

83-Bi-198

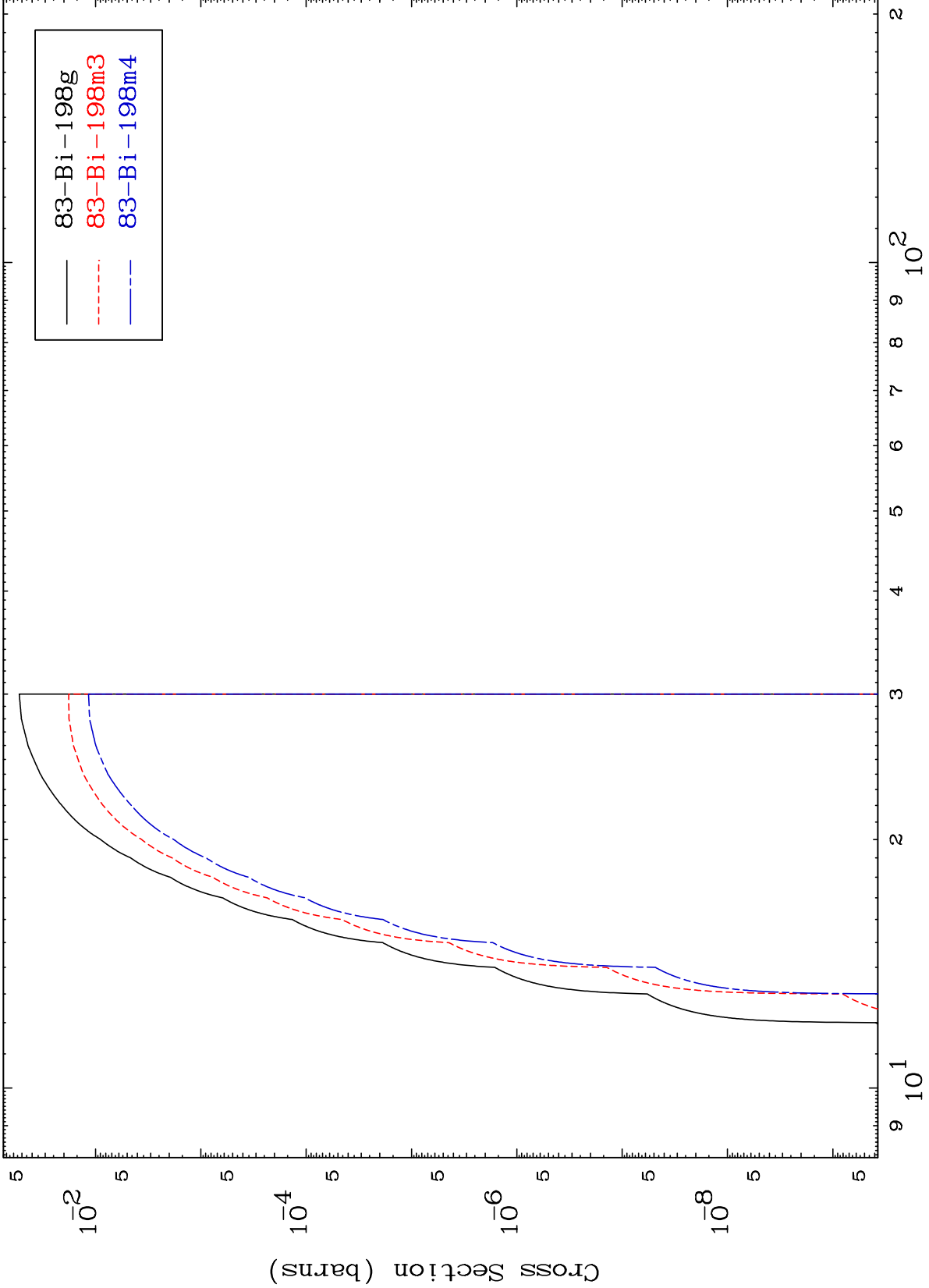


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(t,2n) p

83-Bi-198

Radionuclide Production Cross Section



83-Bi-198g  
83-Bi-198m3  
83-Bi-198m4

22

Incident Energy (MeV)

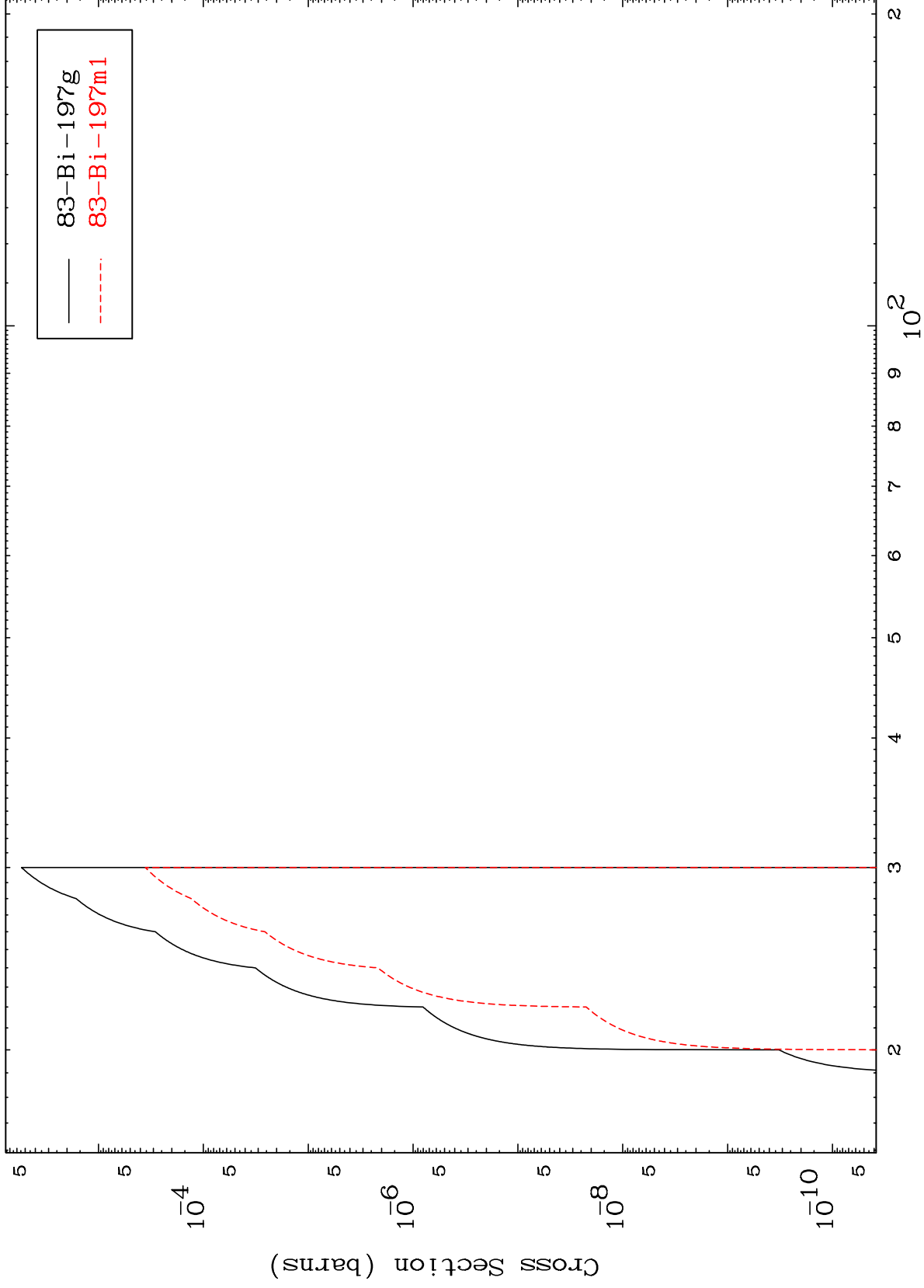
83-Bi-198

MAT 8292

(t,3n) p

83-Bi-198

Radionuclide Production Cross Section



23

Incident Energy (MeV)

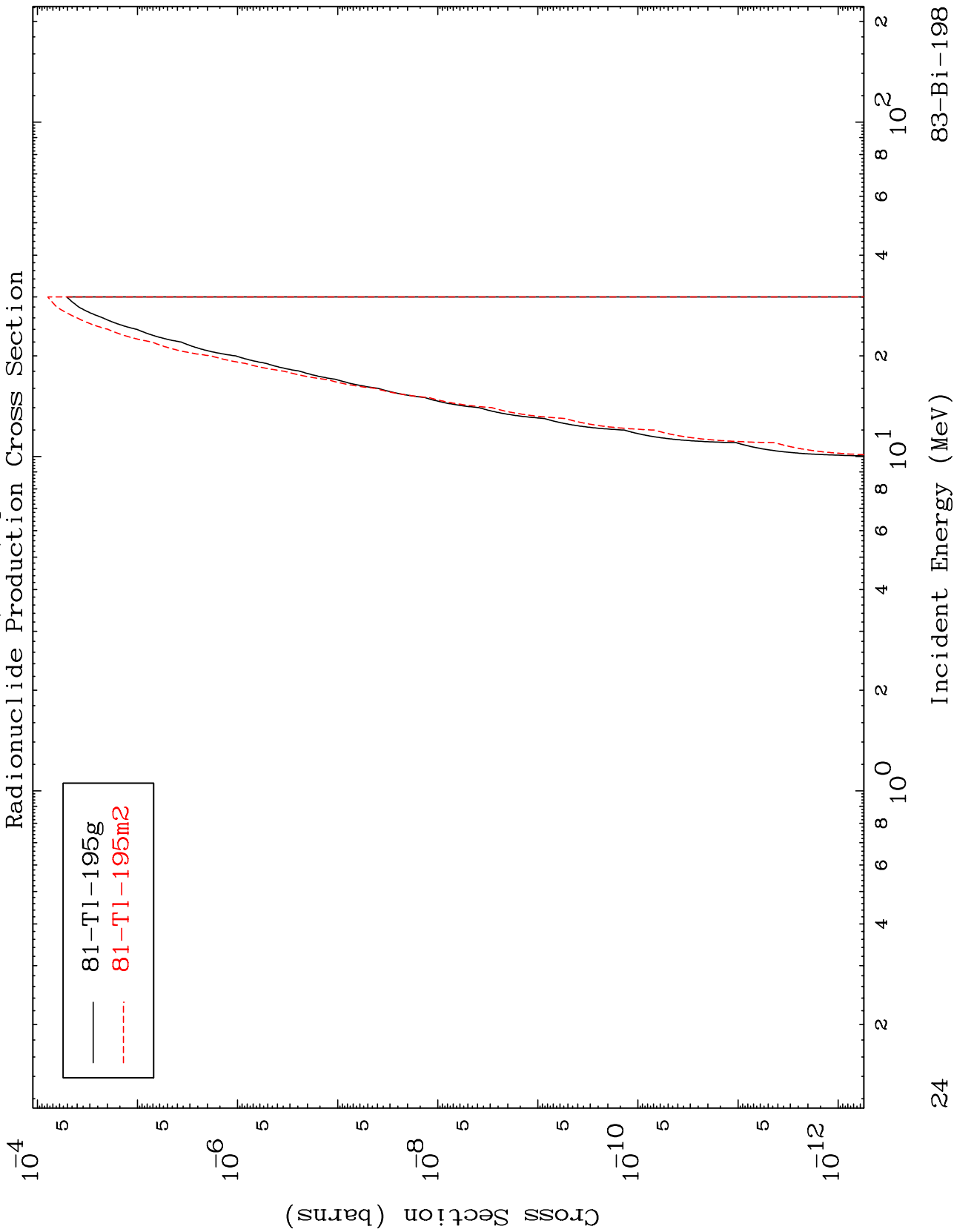
83-Bi-198



MAT 8292

(t,n') p  $\alpha$

83-Bi-198



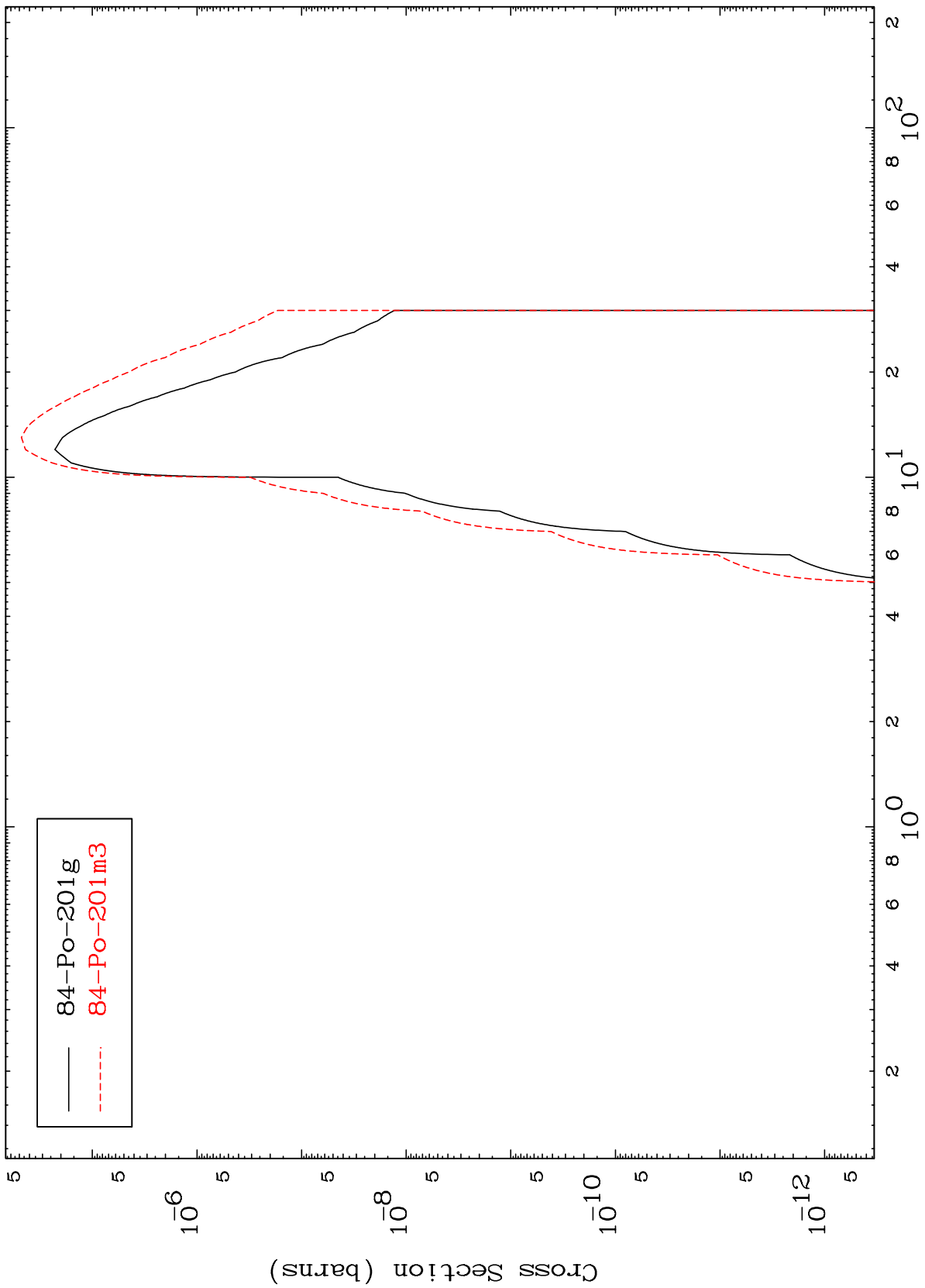
24

83-Bi-198

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83-Bi-198

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

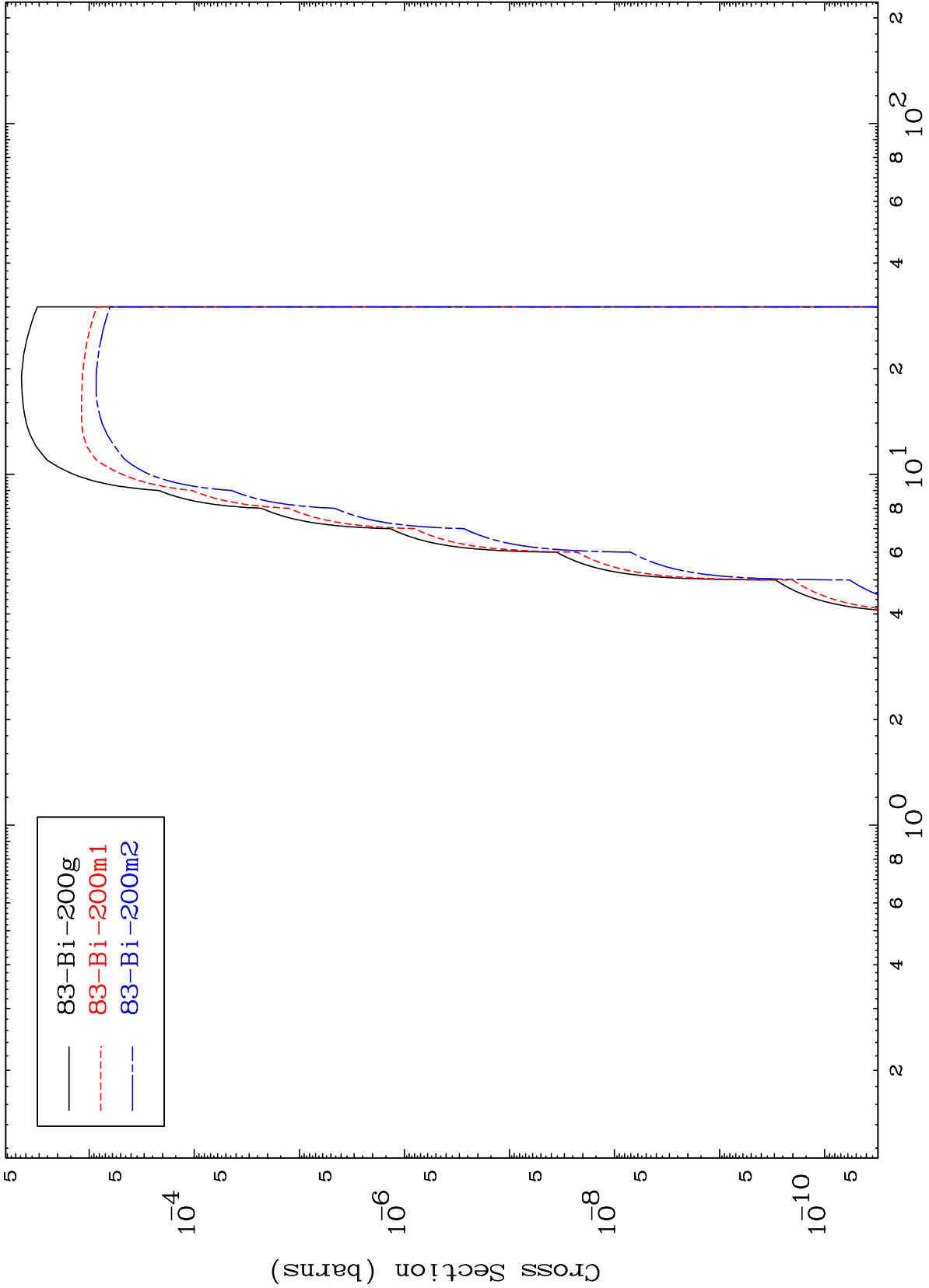


— 84-Po-201g  
- - - 84-Po-201m3

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83-Bi-198

(t,p)  
Radionuclide Production Cross Section



26

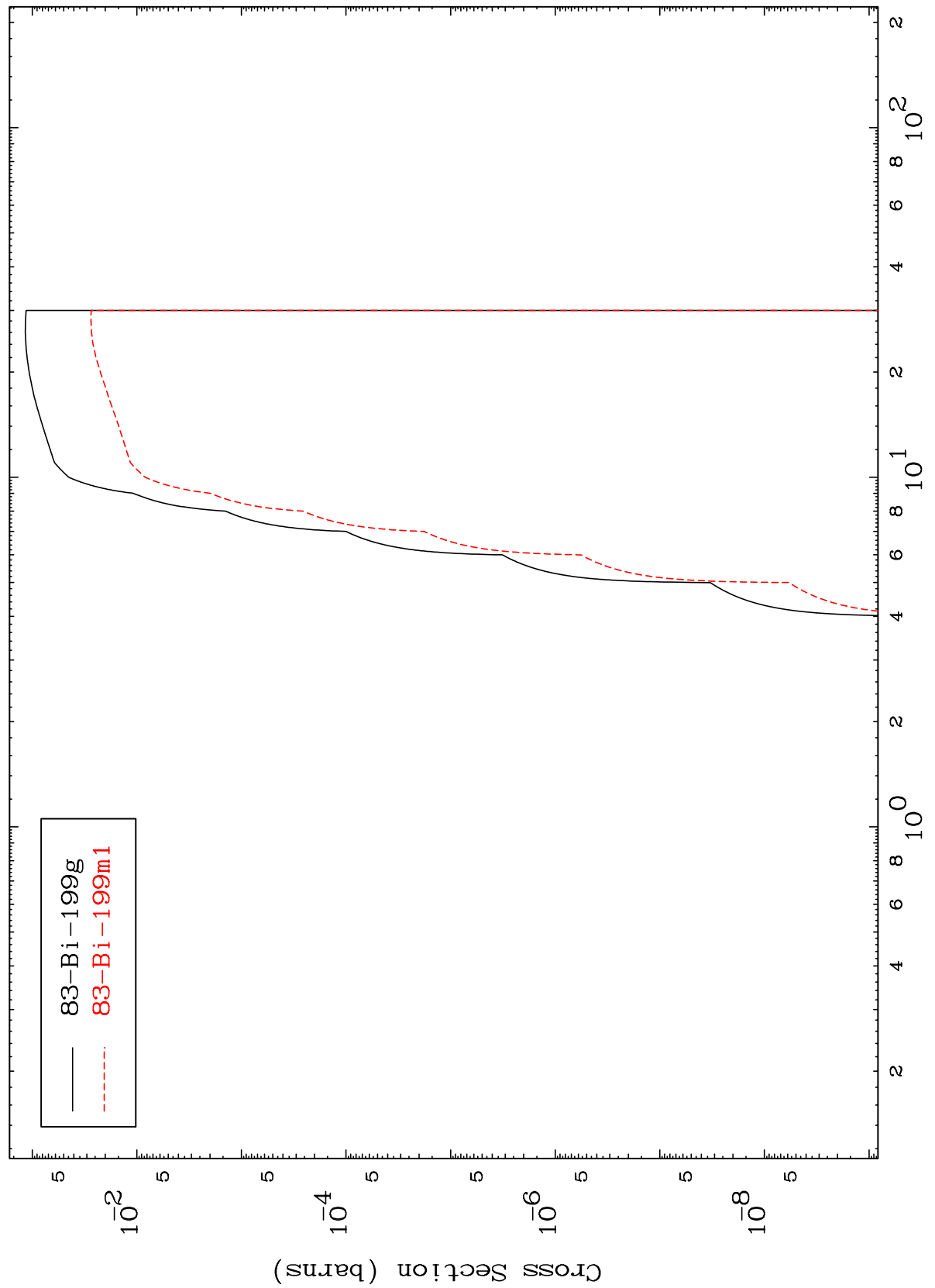
83-Bi-198

Incident Energy (MeV)

MAT 8292

83-Bi-198

(t,d)  
Radionuclide Production Cross Section



83-Bi-198

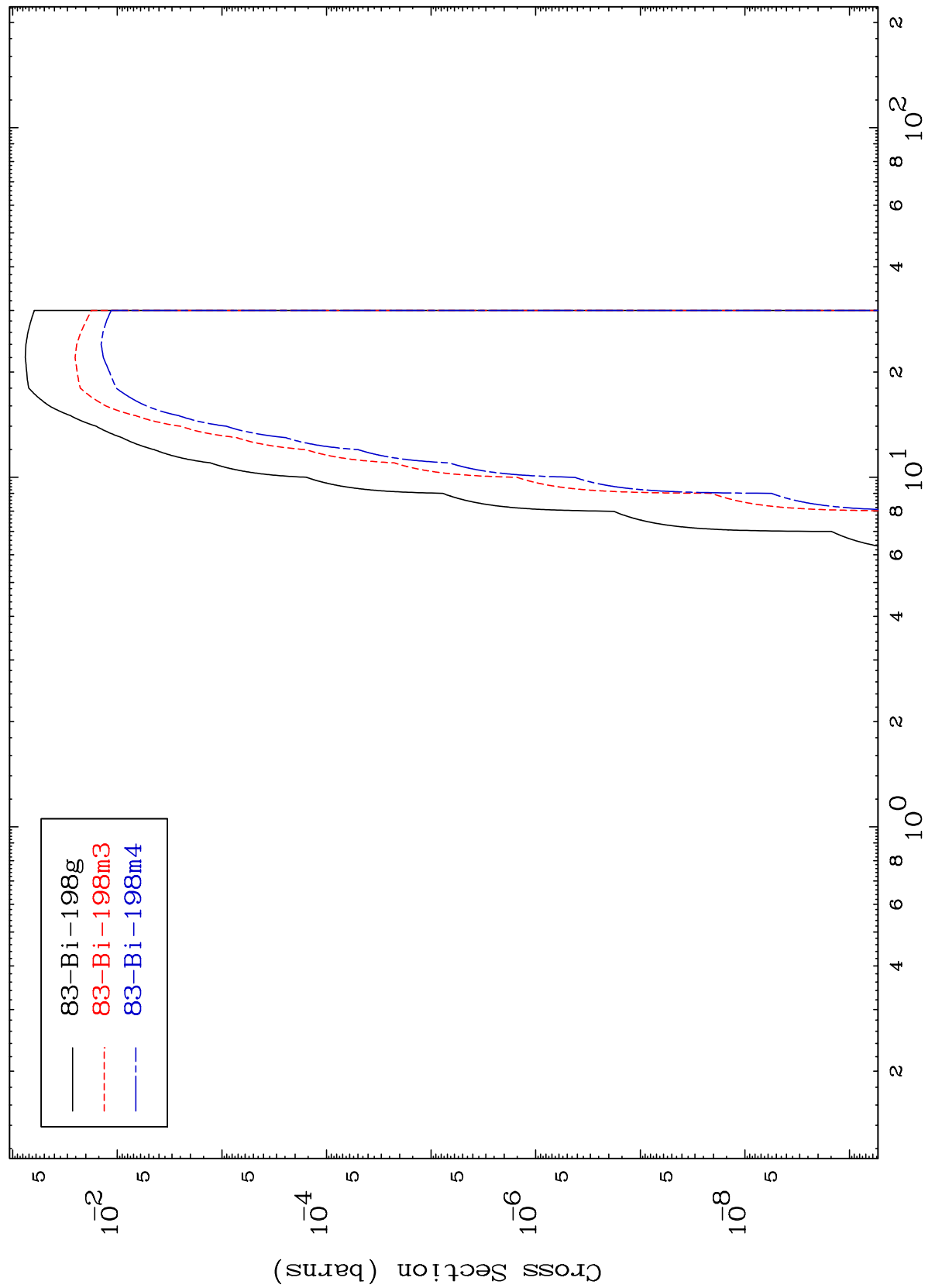
Incident Energy (MeV)

27

MAT 8292

83-Bi-198

(t, t)  
Radionuclide Production Cross Section



83-Bi-198

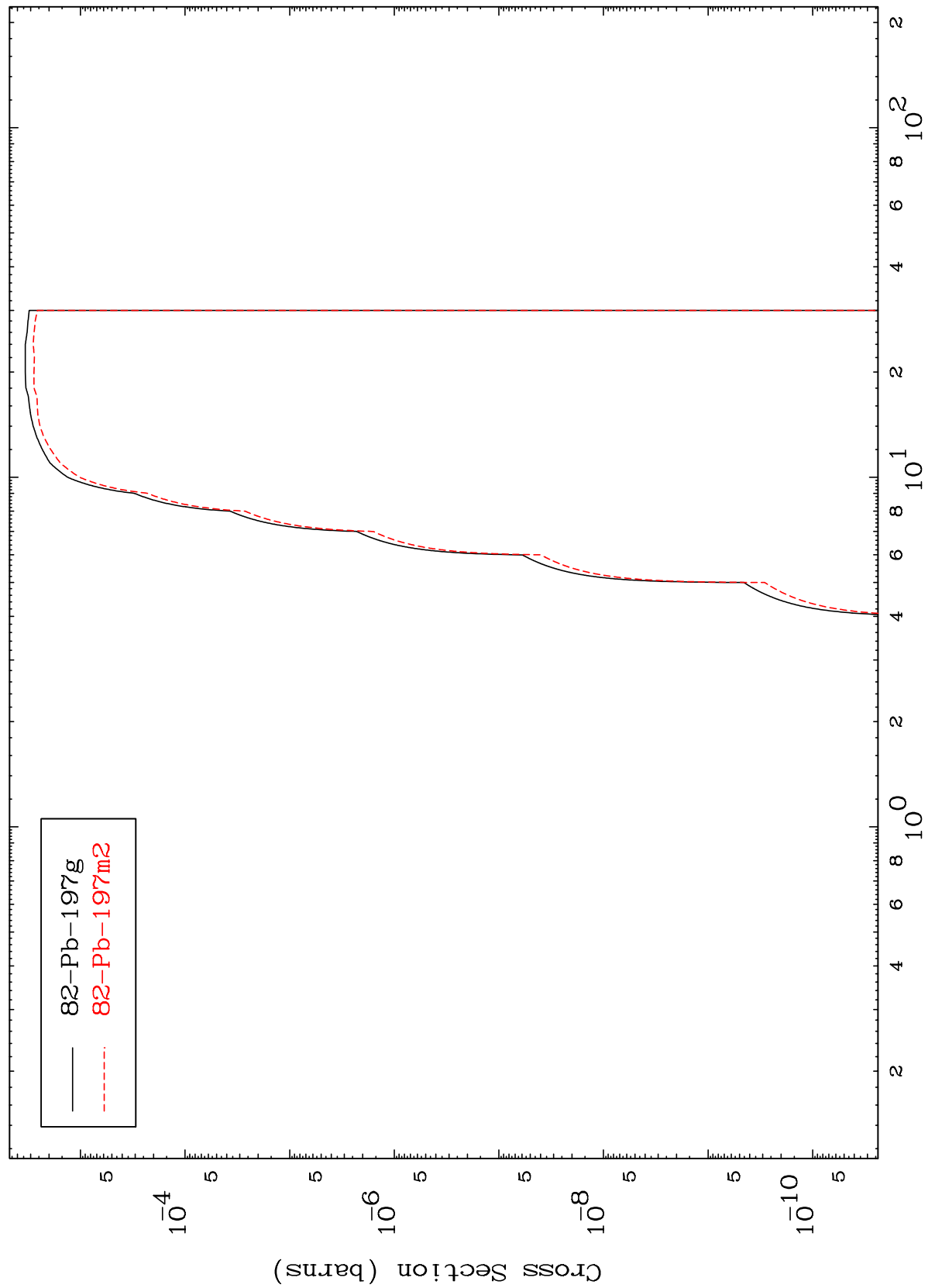
Incident Energy (MeV)

28

MAT 8292

83-Bi-198

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



83-Bi-198

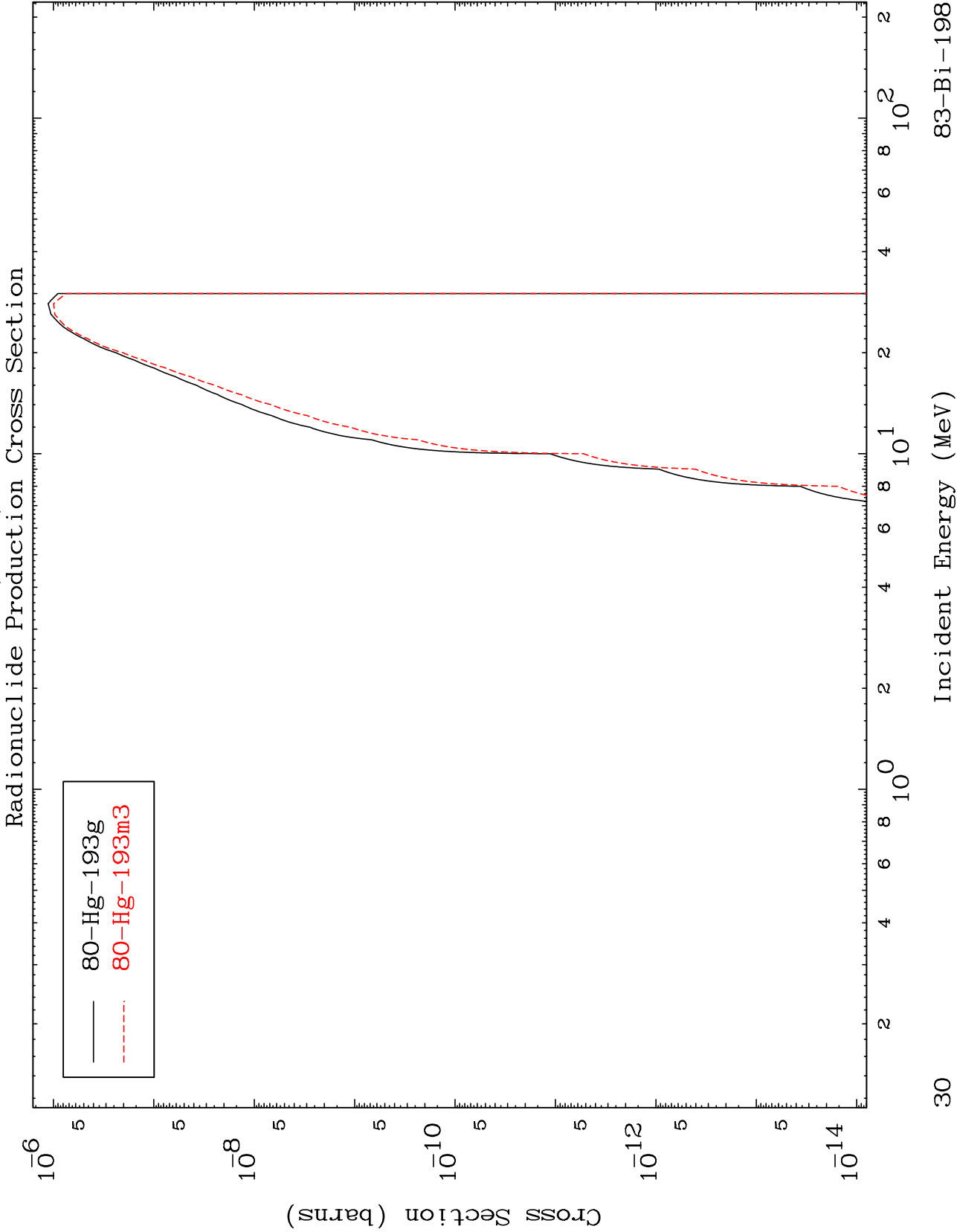
Incident Energy (MeV)

29

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(t,2 $\alpha$ )

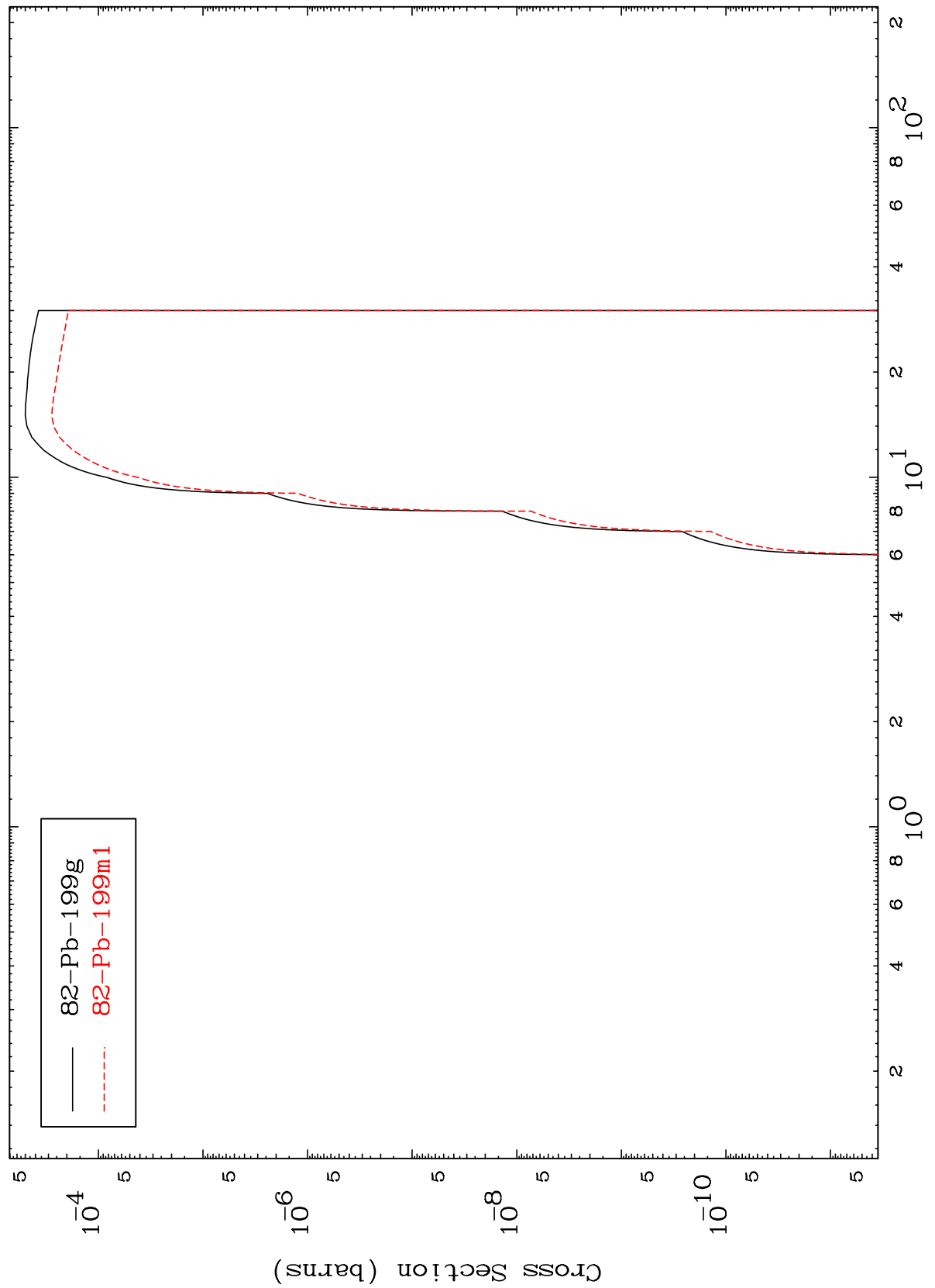
83-Bi-198



MAT 8292

83-Bi-198

(t,2p)  
Radionuclide Production Cross Section



83-Bi-198

Incident Energy (MeV)

31

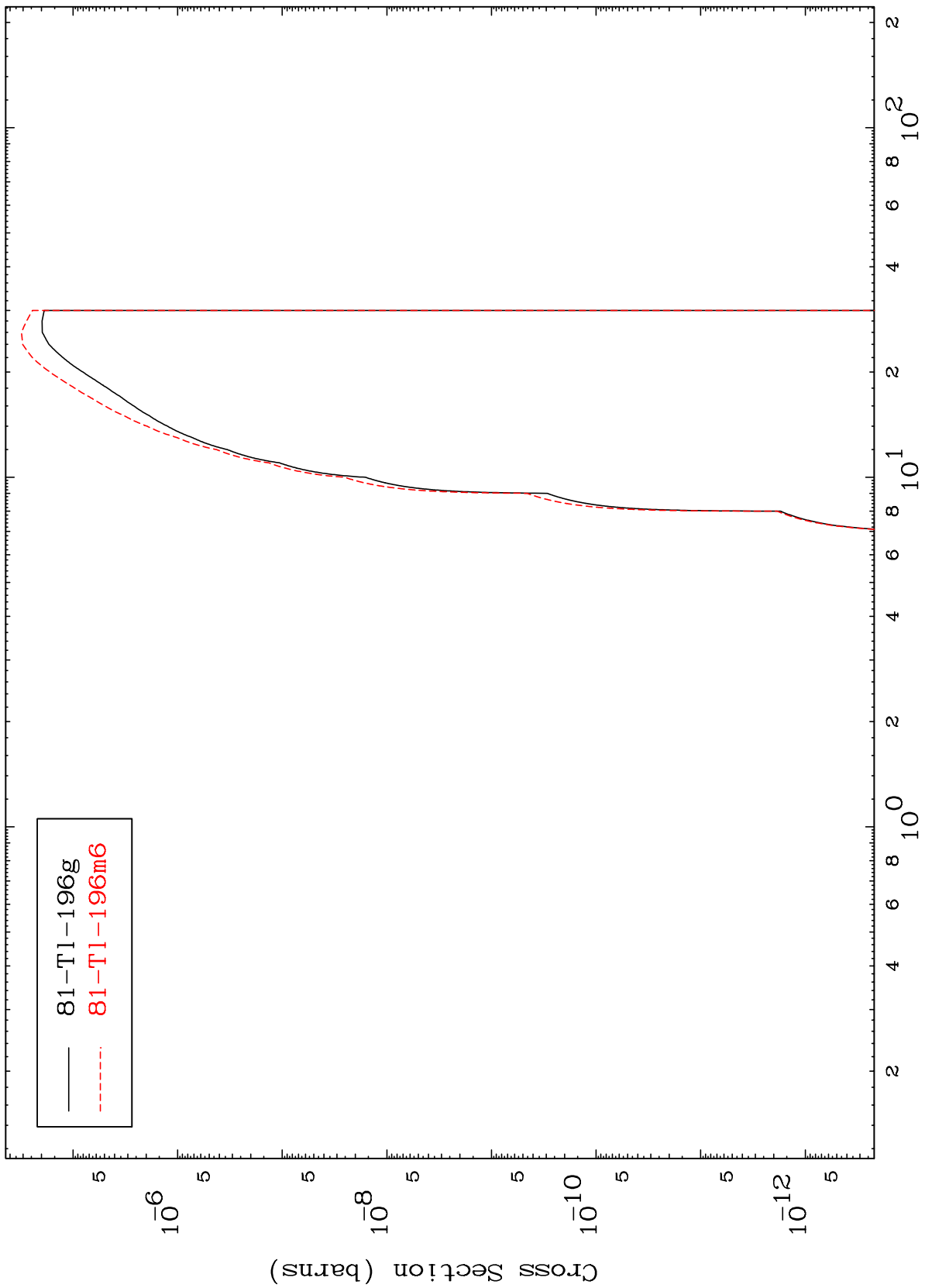


MAT 8292

(t,p)  $\alpha$

83-Bi-198

Radionuclide Production Cross Section

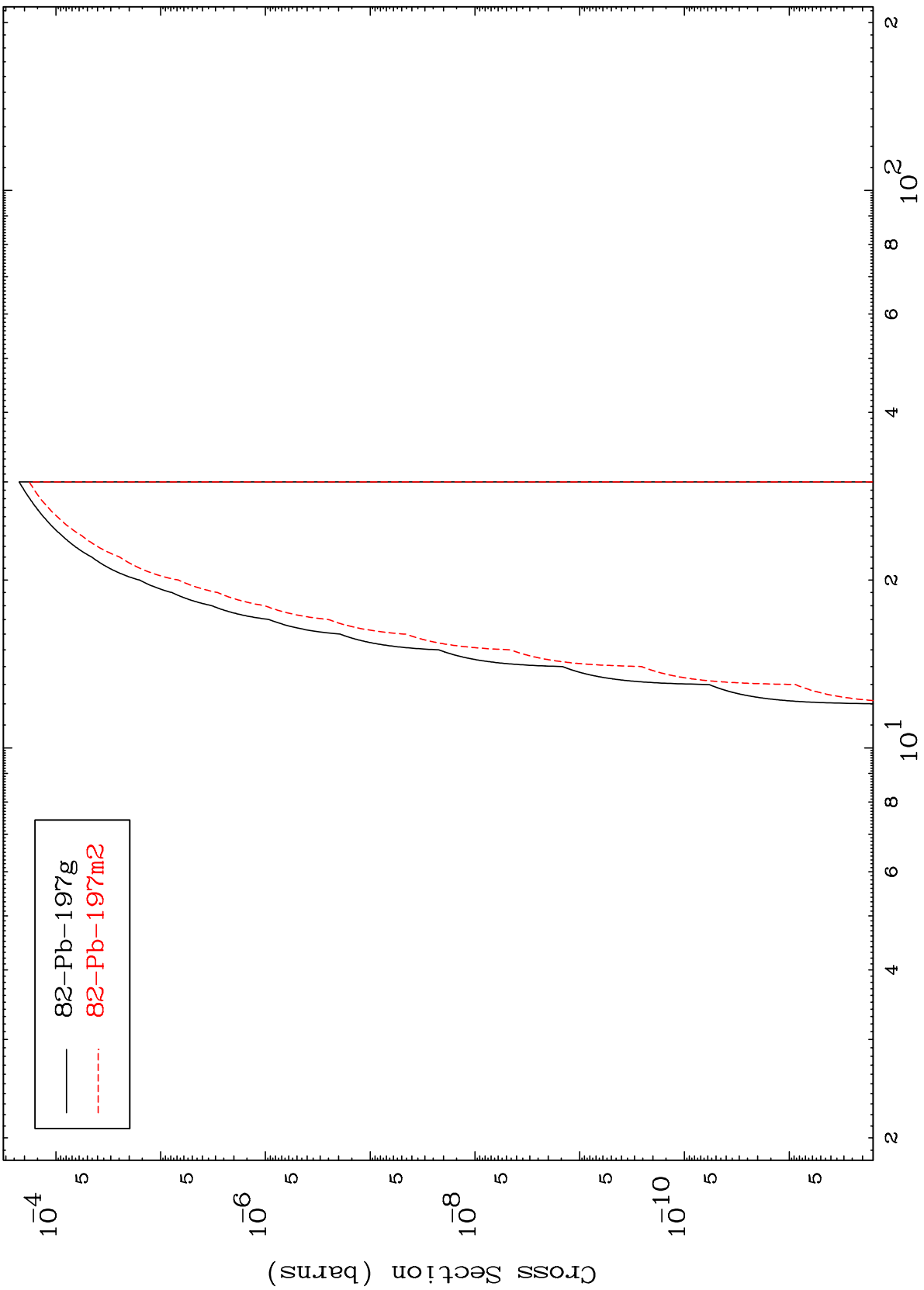


MAT 8292

(t,p) t

83-Bi-198

Radionuclide Production Cross Section



33

Incident Energy (MeV)

83-Bi-198

