

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

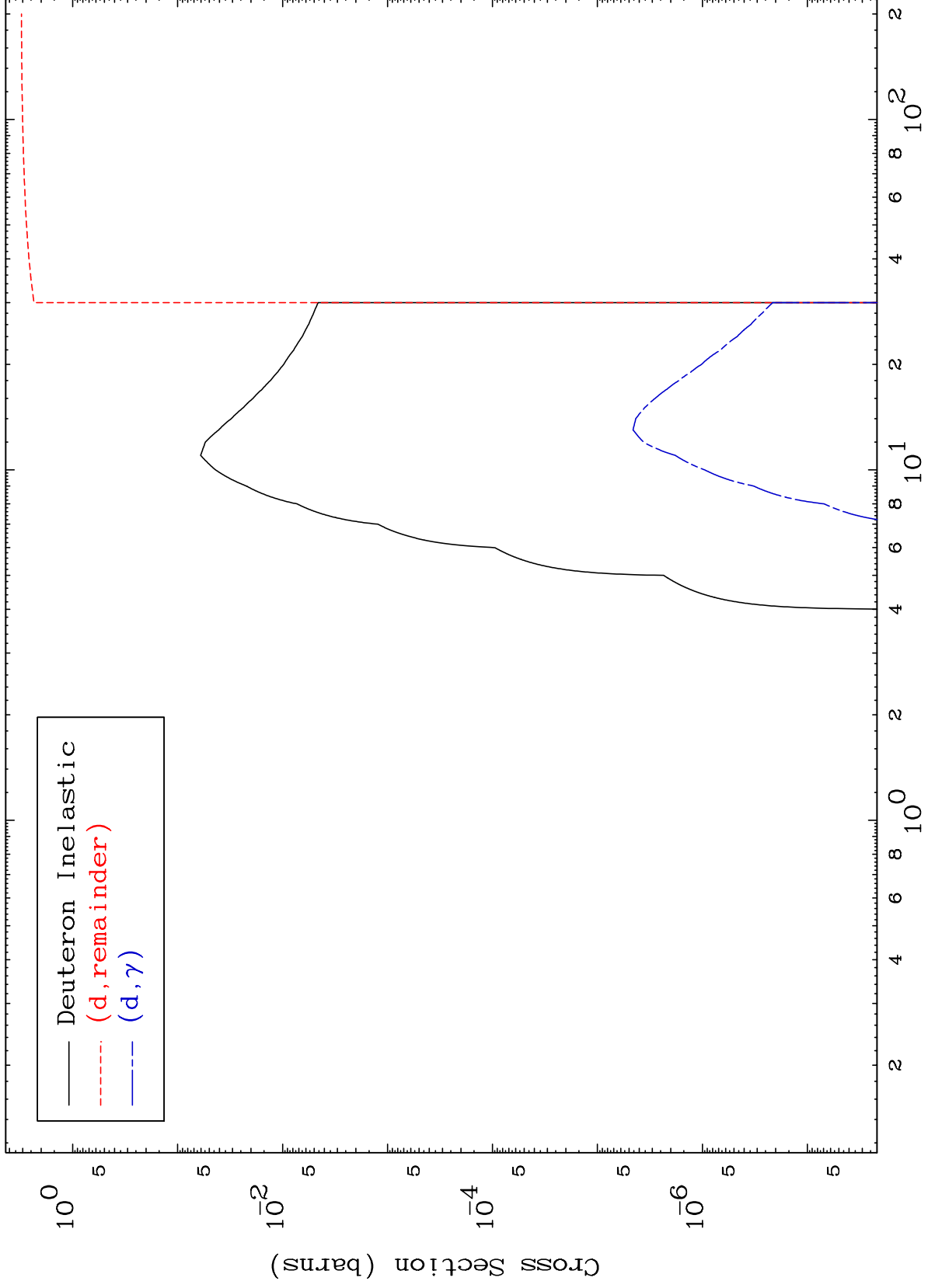
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

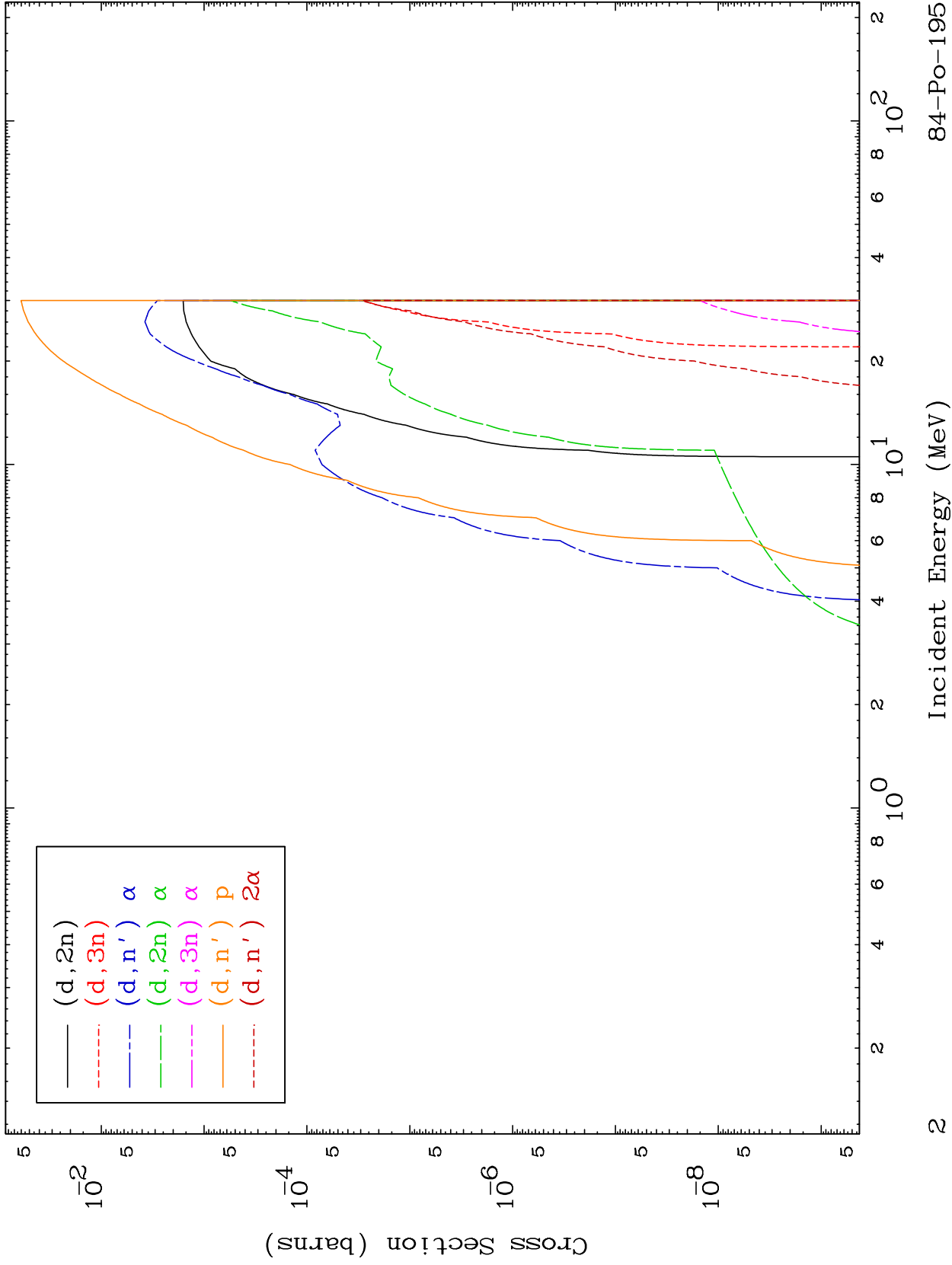
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

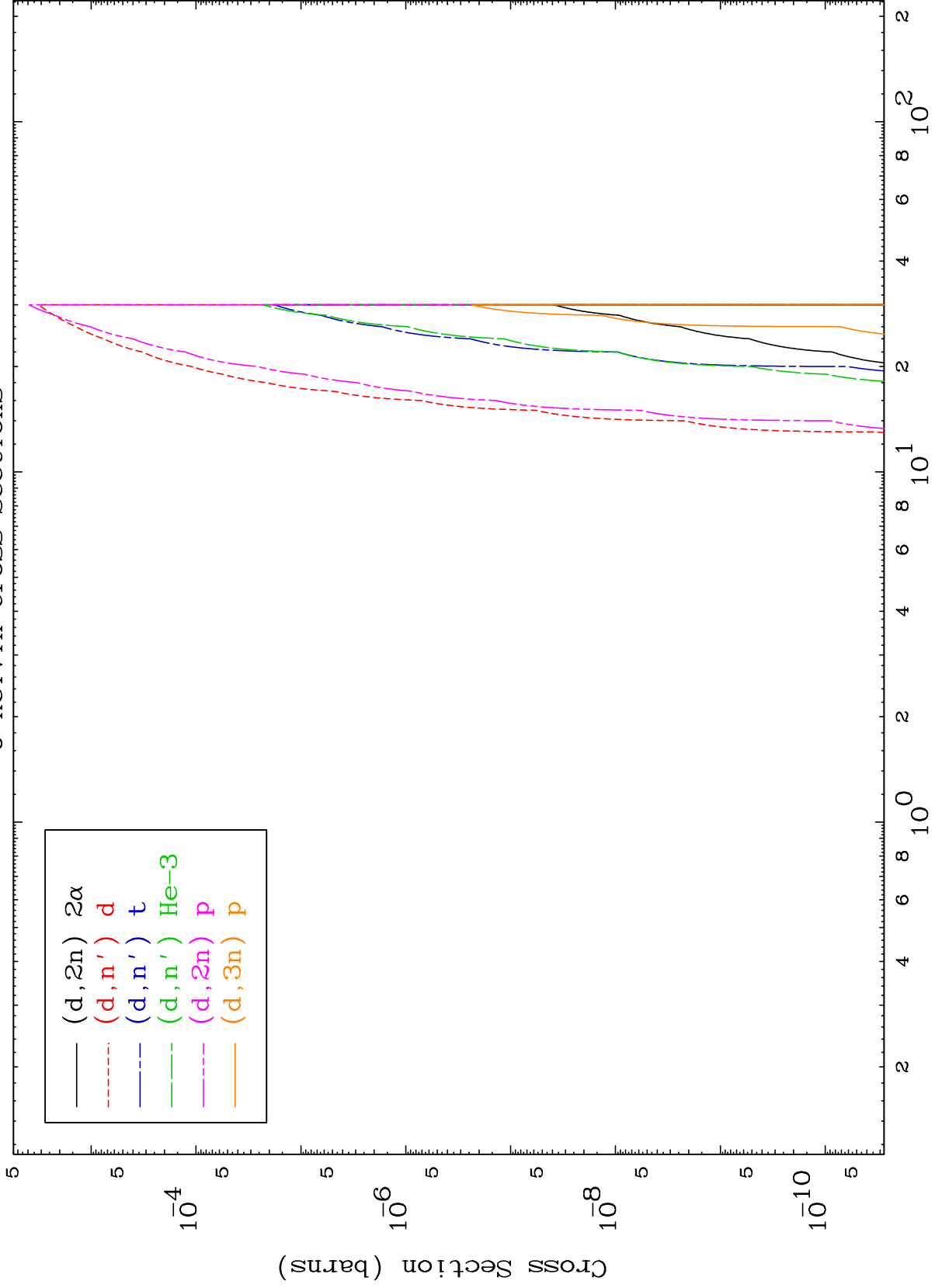




MAT 8393

Deuteron Neutron Production  
0 Kelvin Cross Sections

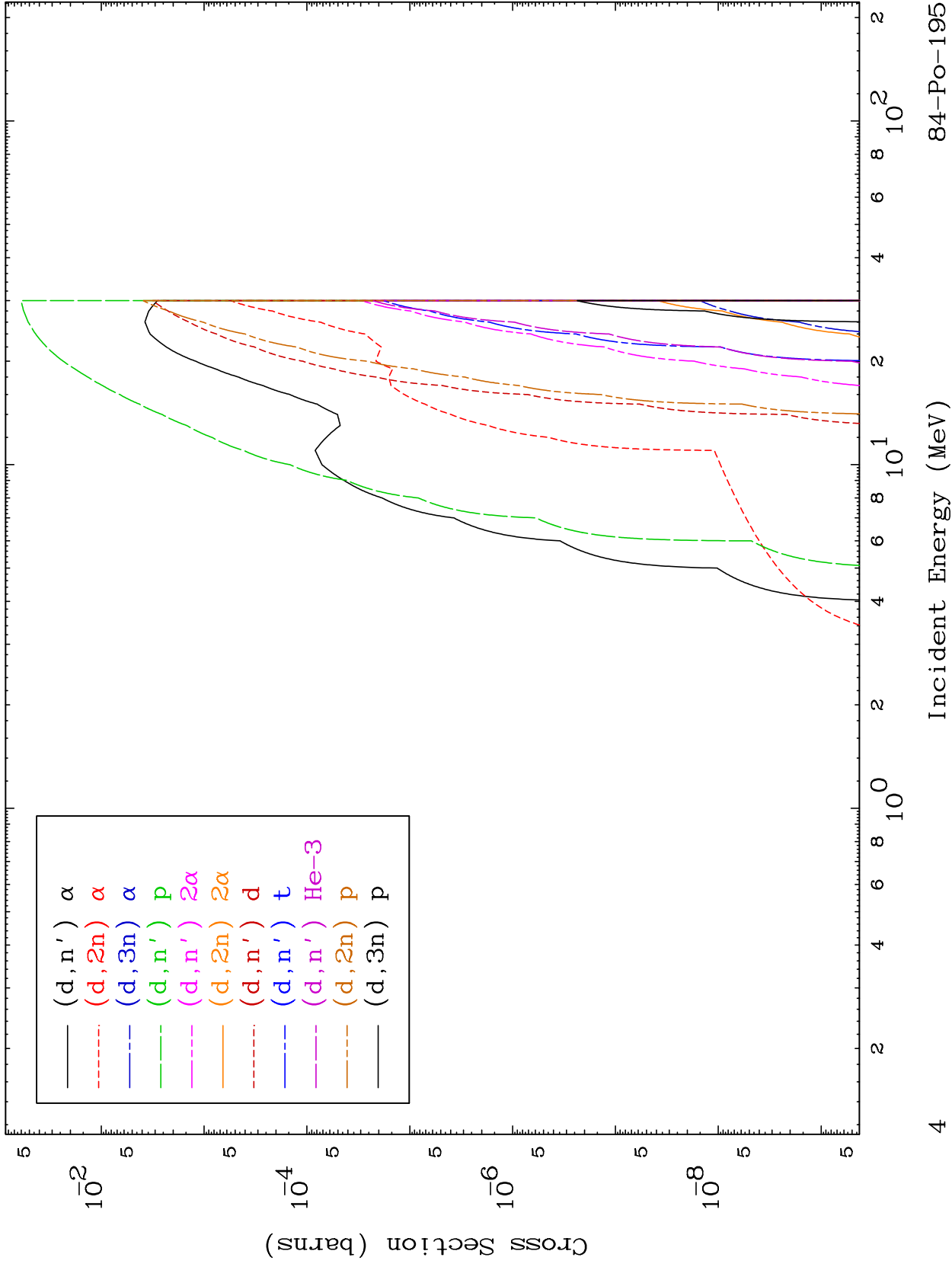
84-Po-195

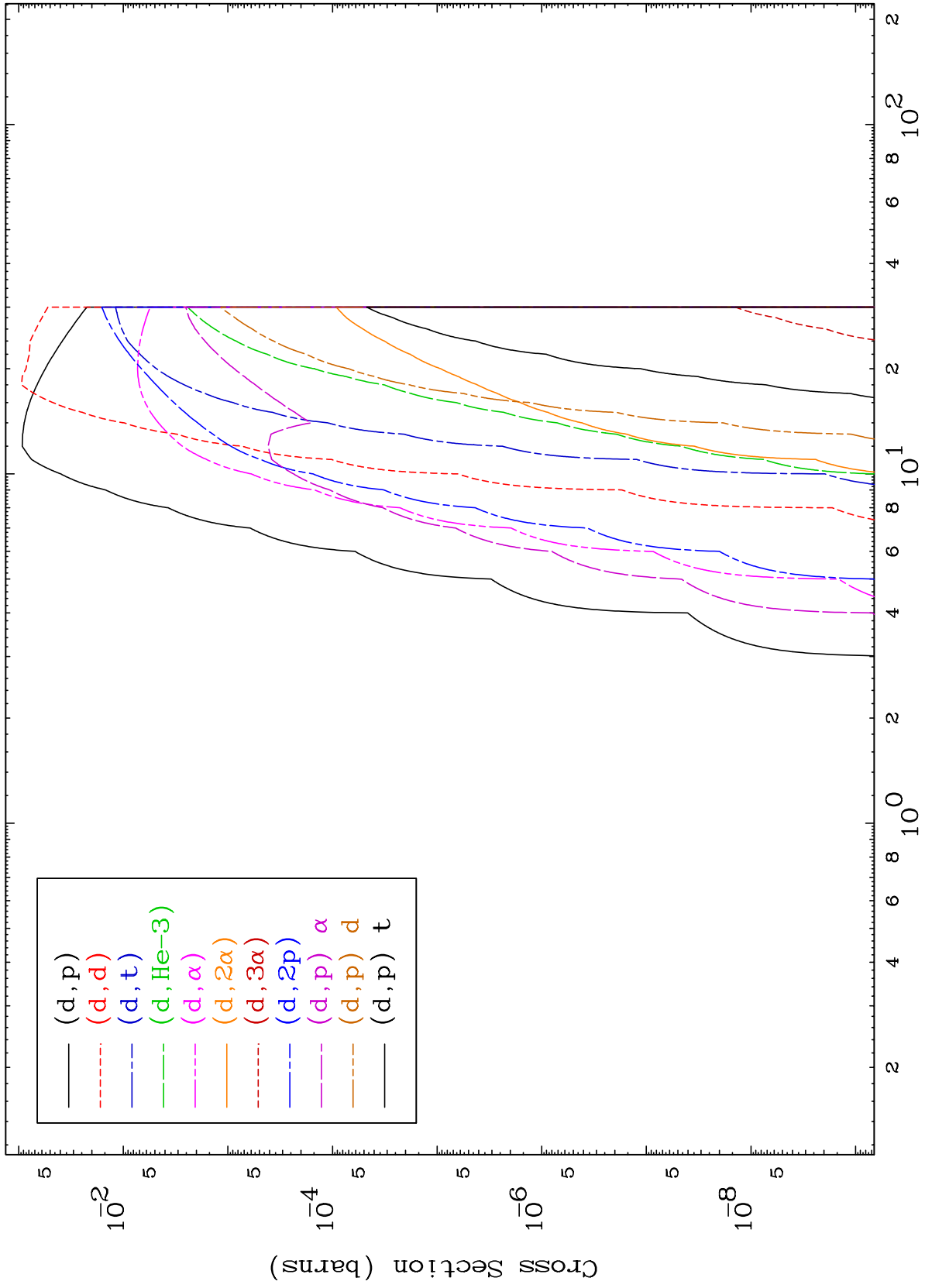


MAT 8393

Deuteron Charged Particle  
0 Kelvin Cross Sections

84-Po-195



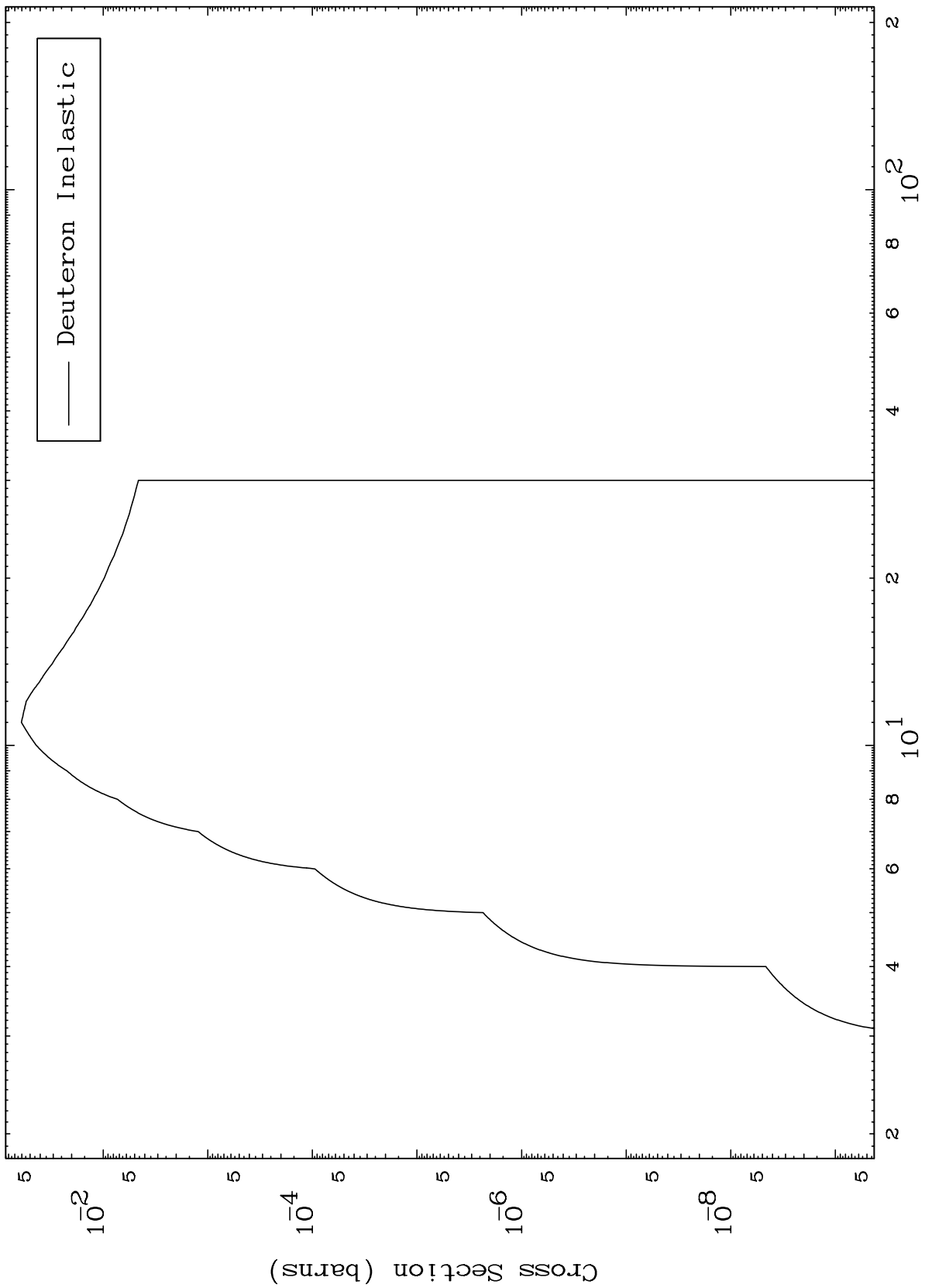


MAT 8393

(d,n') Level

84-Po-195

0 Kelvin Cross Sections



6

Incident Energy (MeV)

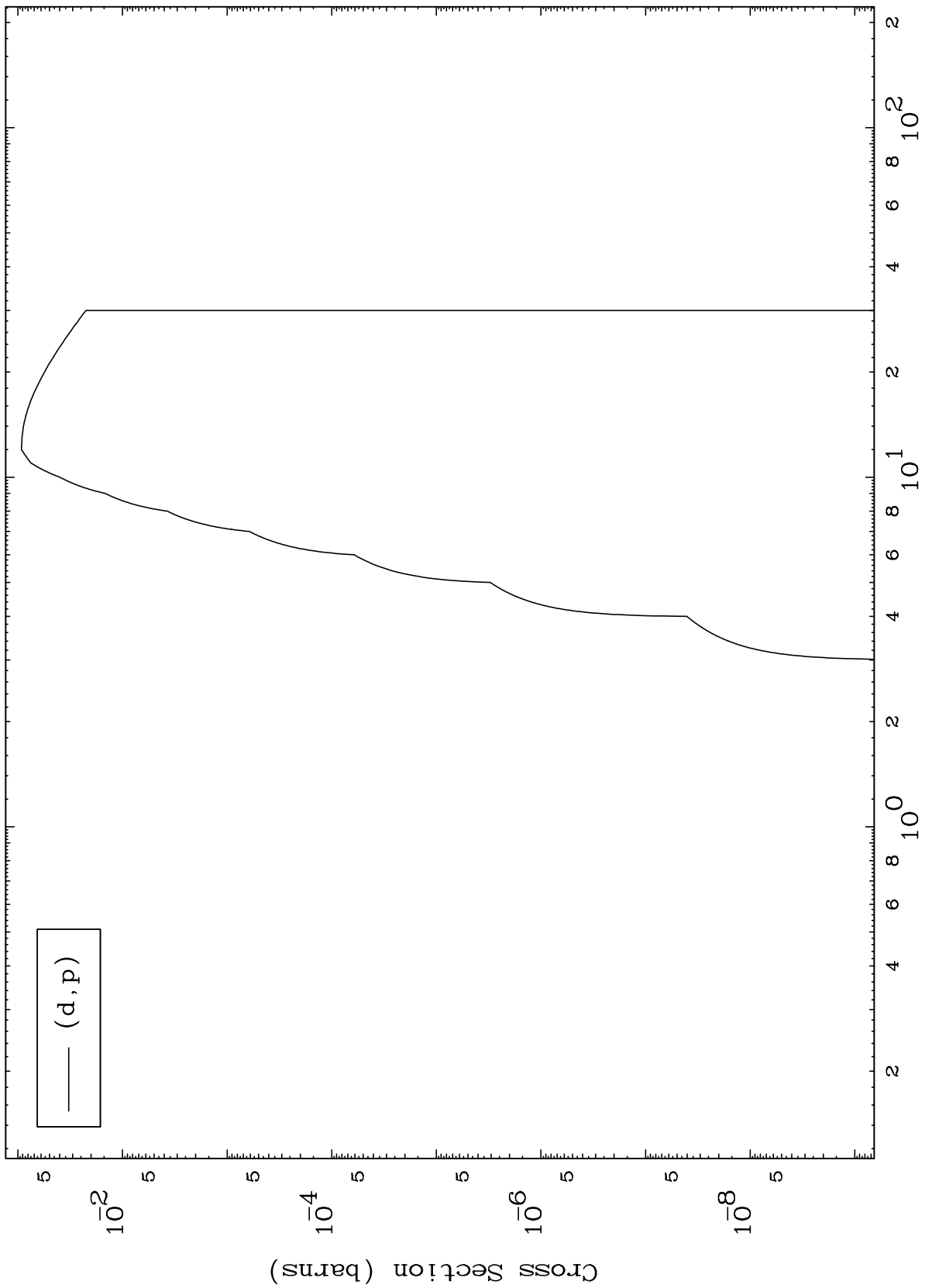
84-Po-195

MAT 8393

(d,p) Levels

84-Po-195

0 Kelvin Cross Sections



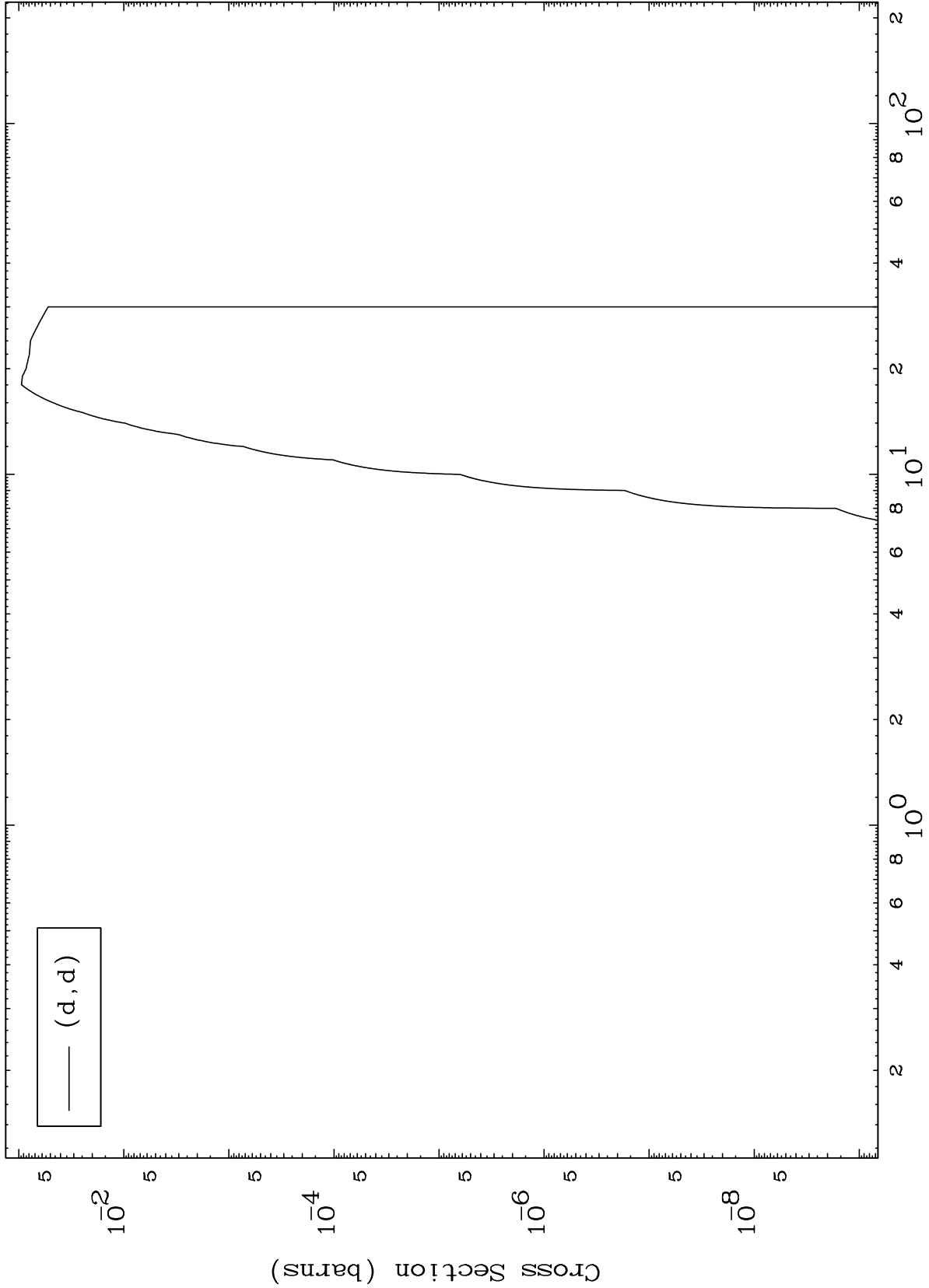


MAT 8393

(d,d) Levels

84-Po-195

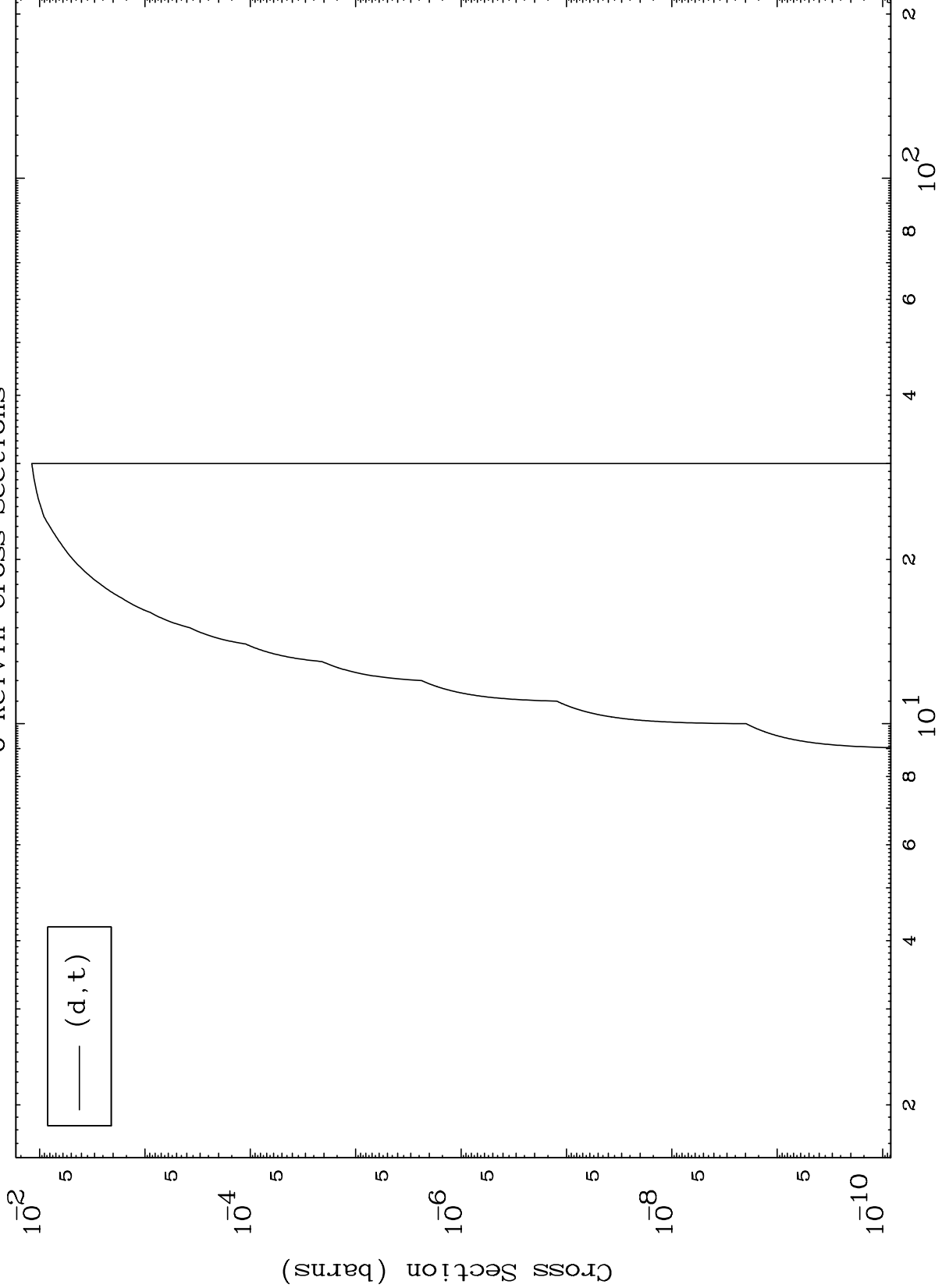
0 Kelvin Cross Sections



MAT 8393

(d,t) Levels  
0 Kelvin Cross Sections

84-Po-195



9

Incident Energy (MeV)

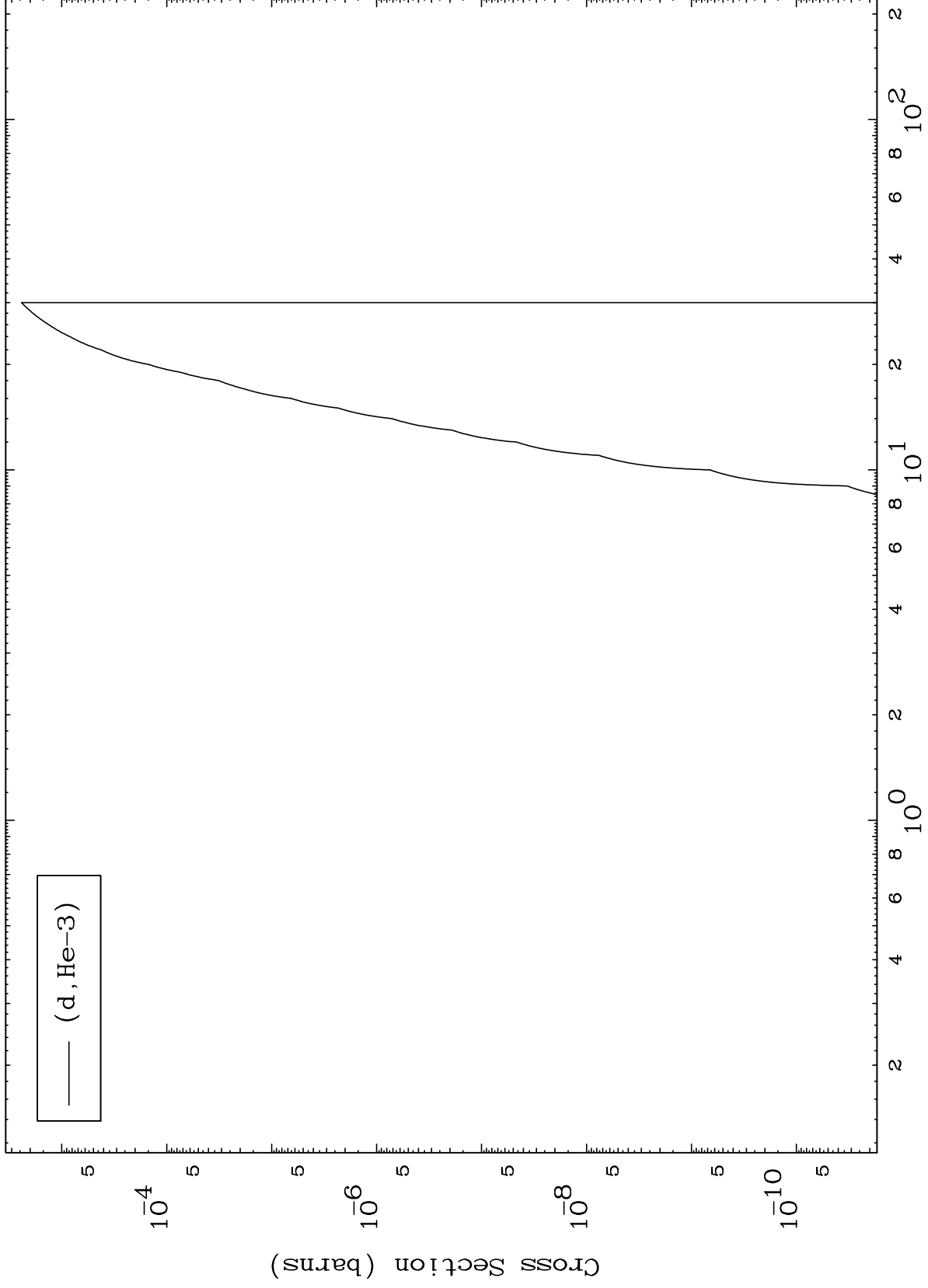
84-Po-195

MAT 8393

(d,He3) Levels

84-Po-195

0 Kelvin Cross Sections



10

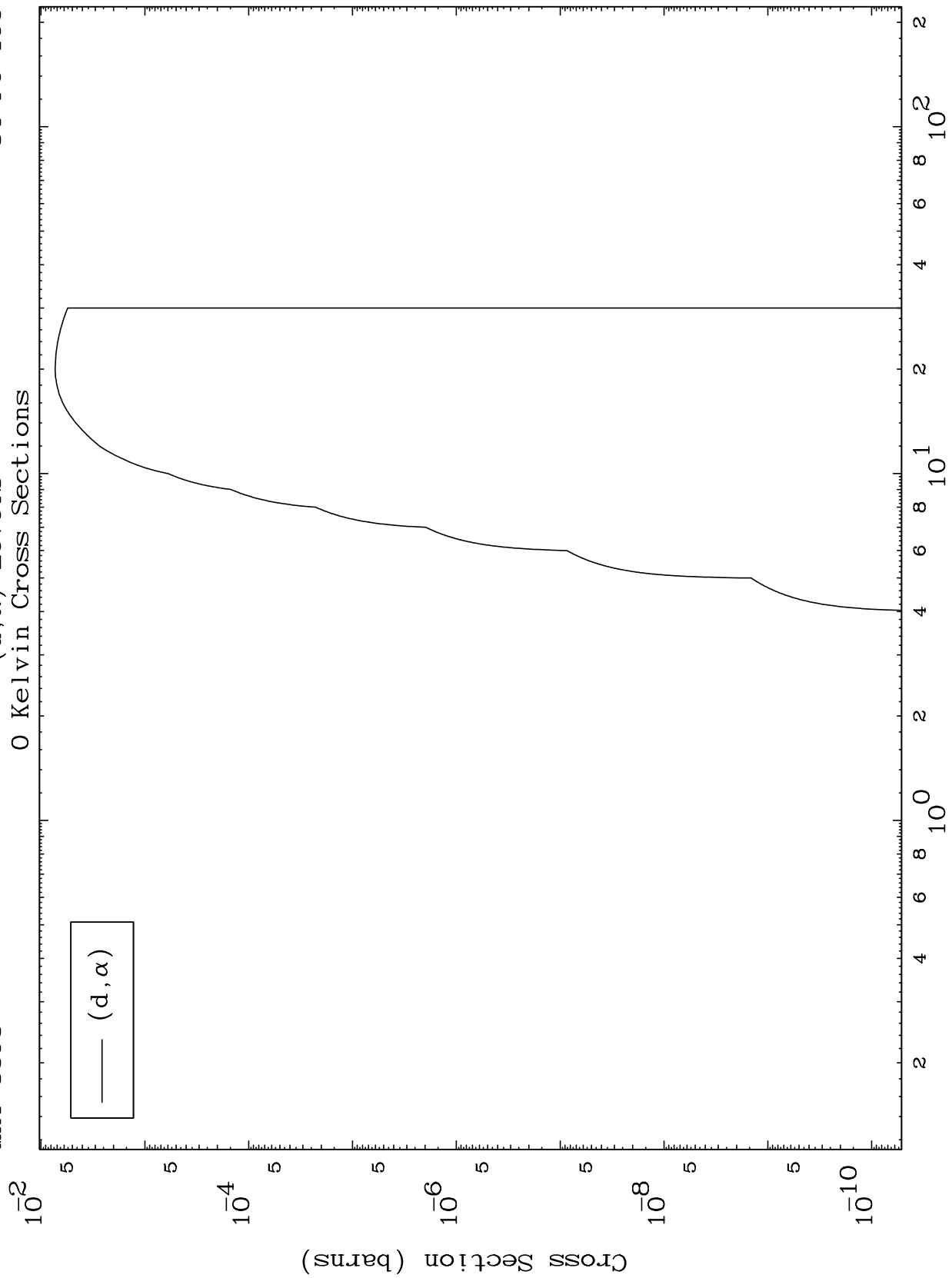
Incident Energy (MeV)

84-Po-195

MAT 8393

84-Po-195

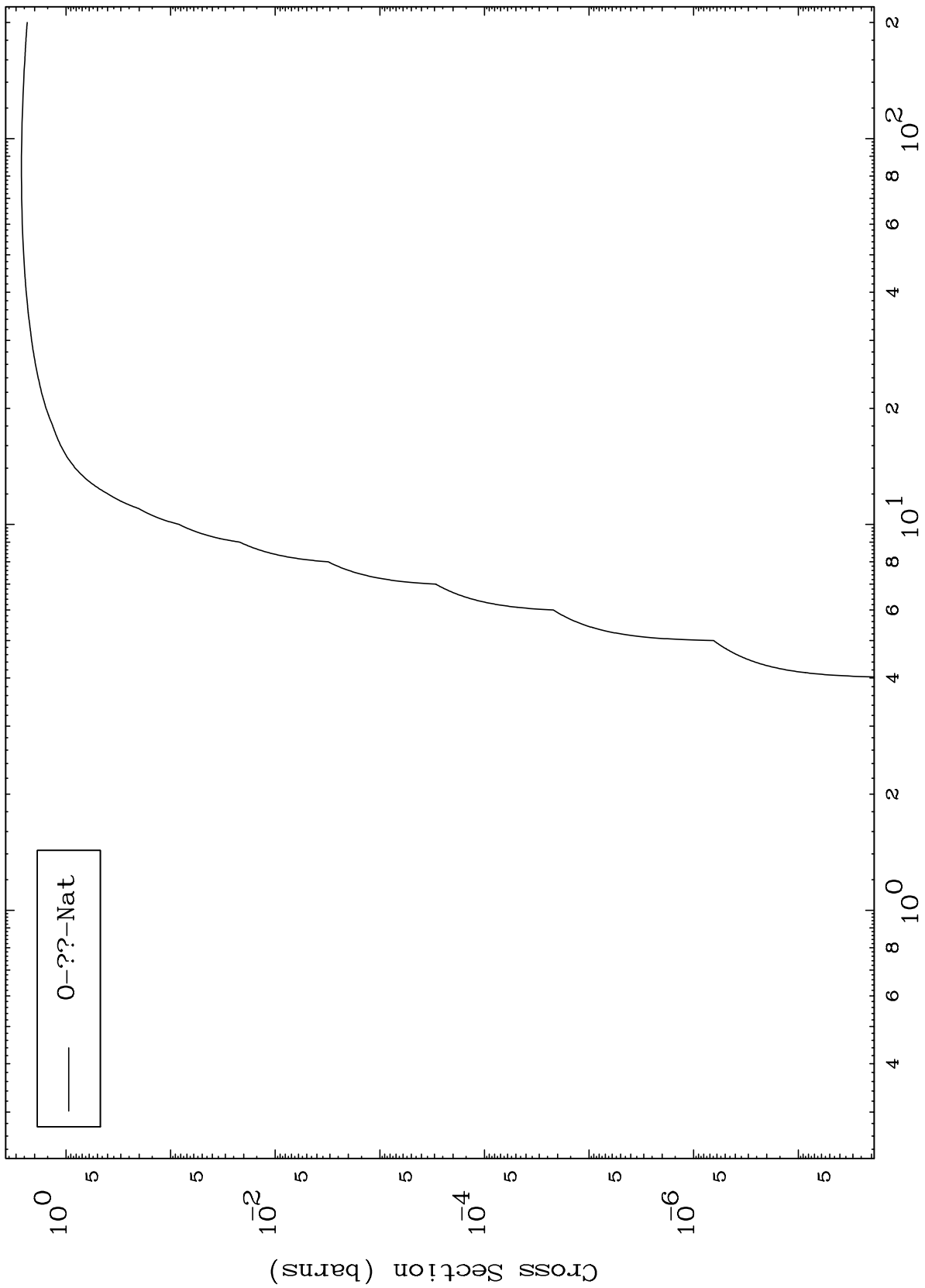
(d,  $\alpha$ ) Levels  
0 Kelvin Cross Sections



MAT 8393

84-Po-195

Deuteron Fission  
Radionuclide Production Cross Section



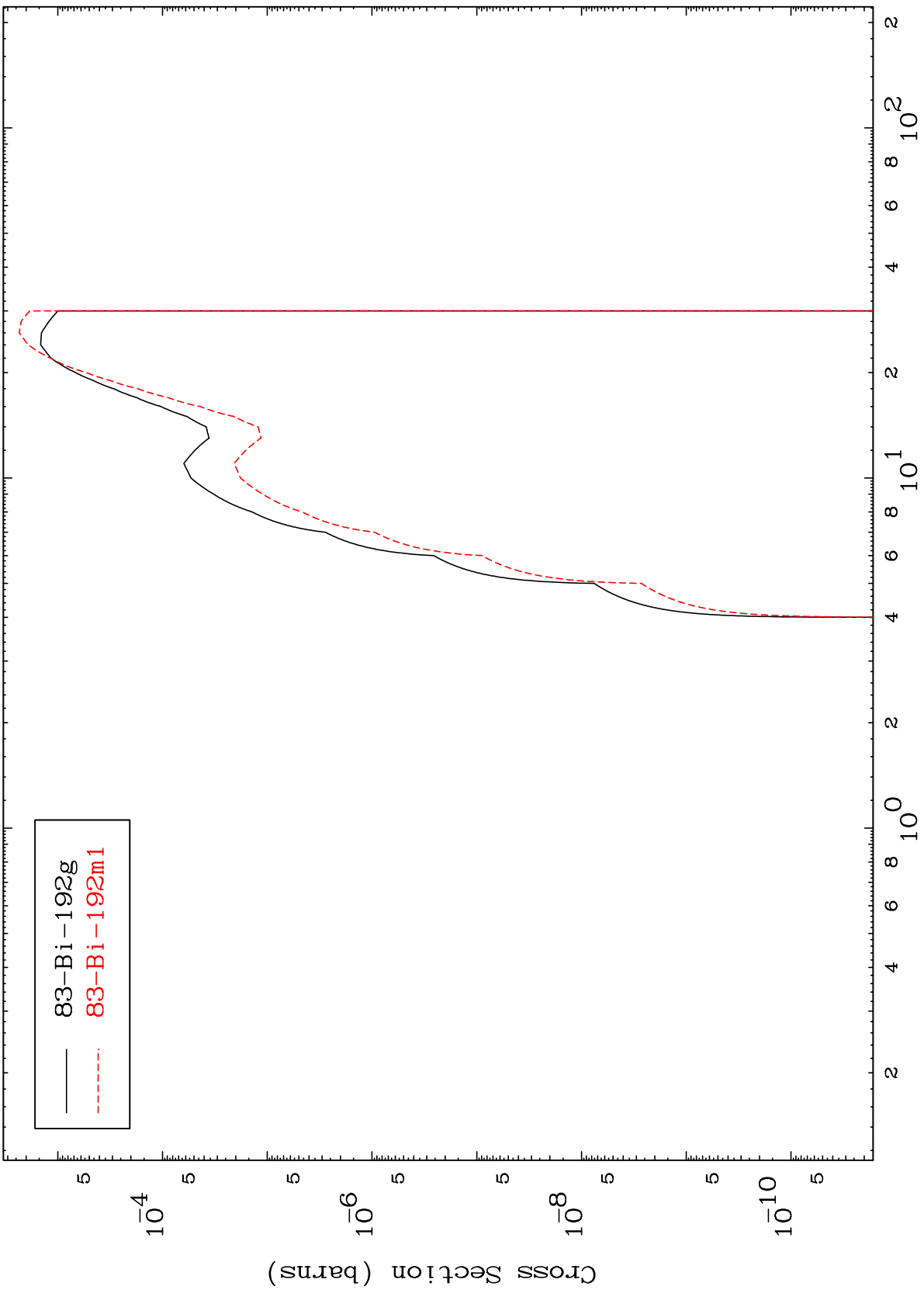
— 0-??-Nat

MAT 8393

(d,n')  $\alpha$

84-Po-195

Radionuclide Production Cross Section



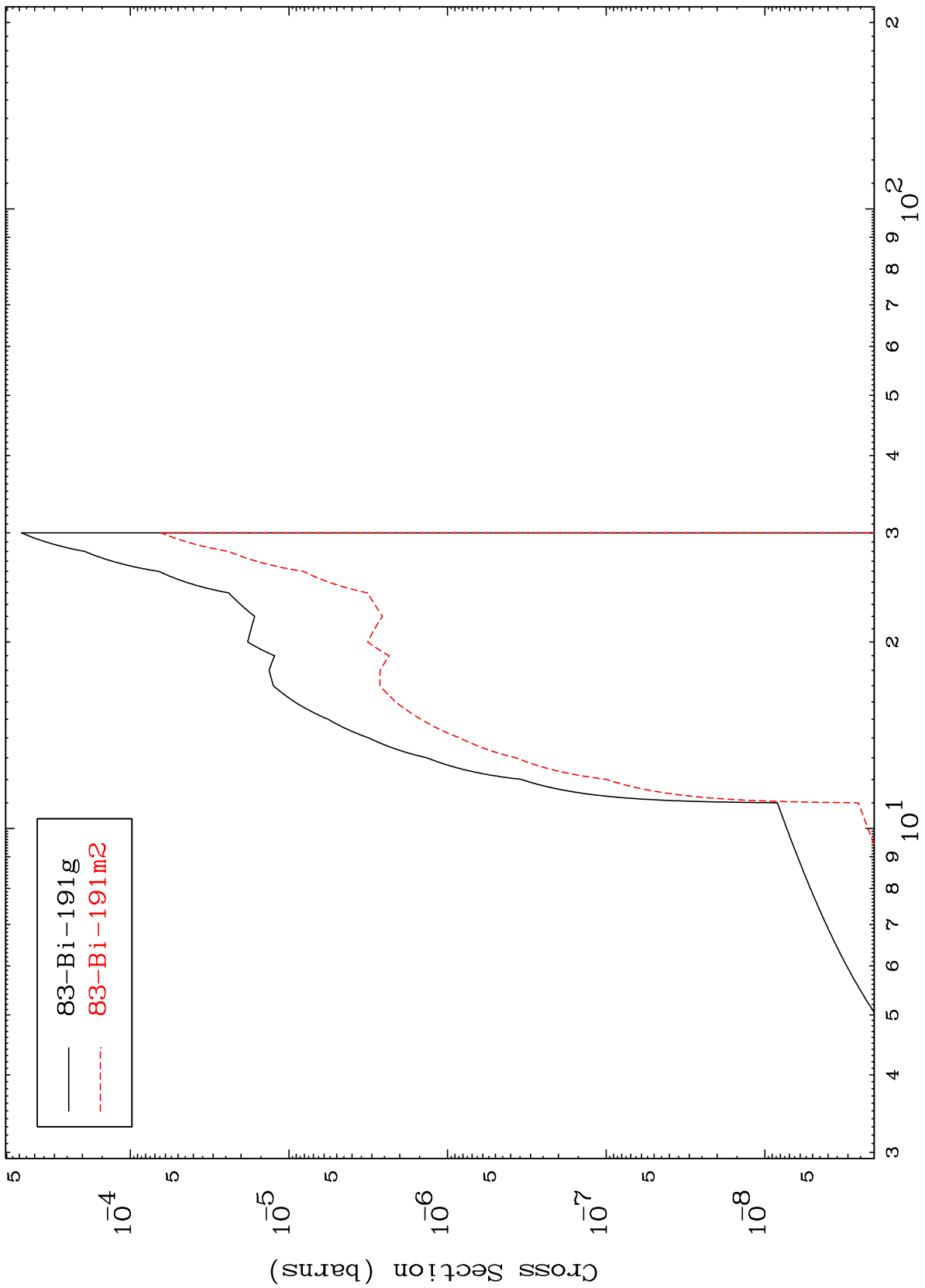
83-Bi-192g  
83-Bi-192m1

MAT 8393

(d,2n)  $\alpha$

84-Po-195

Radionuclide Production Cross Section



14

Incident Energy (MeV)

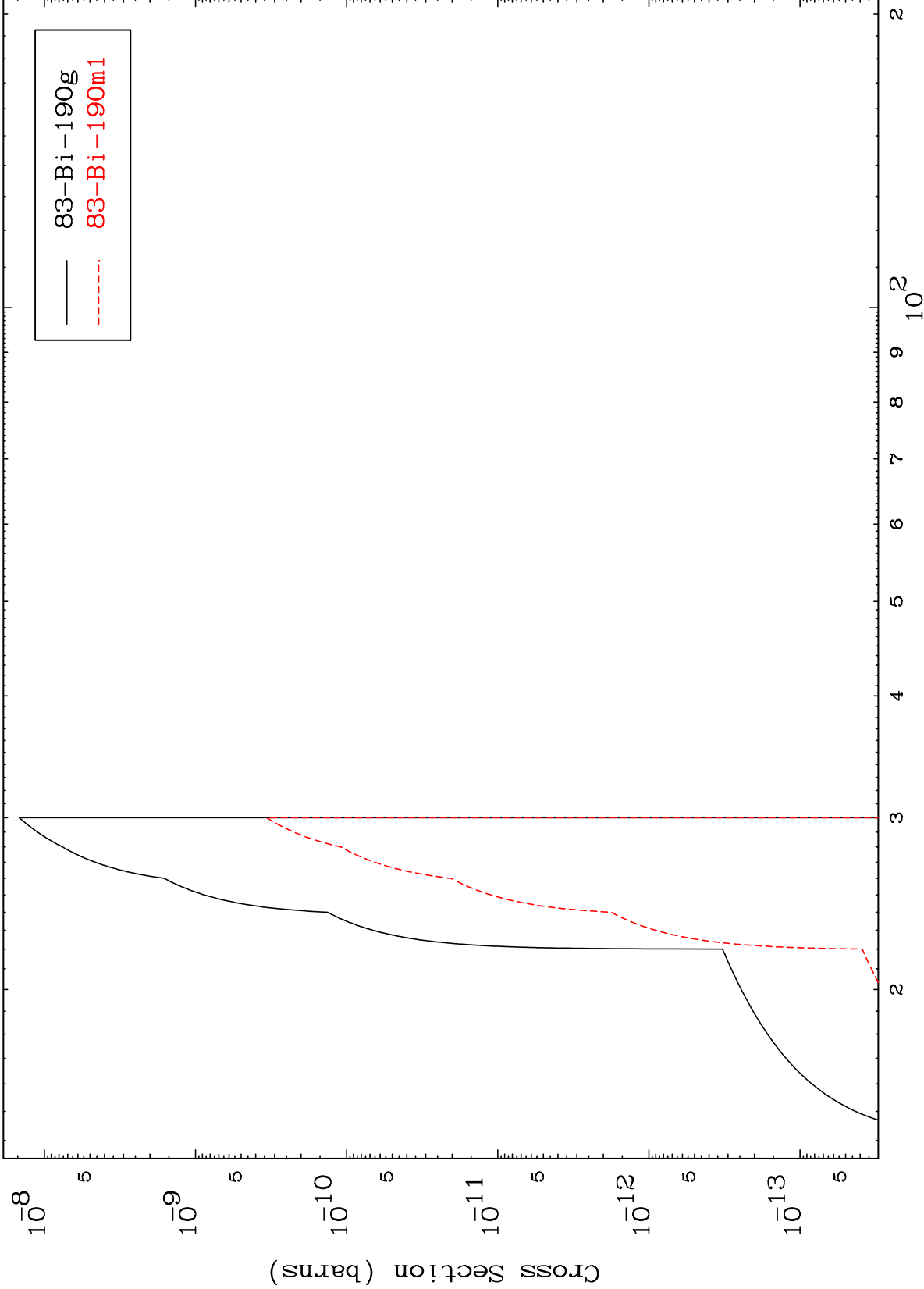
84-Po-195

MAT 8393

(d,3n)  $\alpha$

84-Po-195

Radionuclide Production Cross Section



83-Bi-190g  
83-Bi-190m1

15

Incident Energy (MeV)

84-Po-195

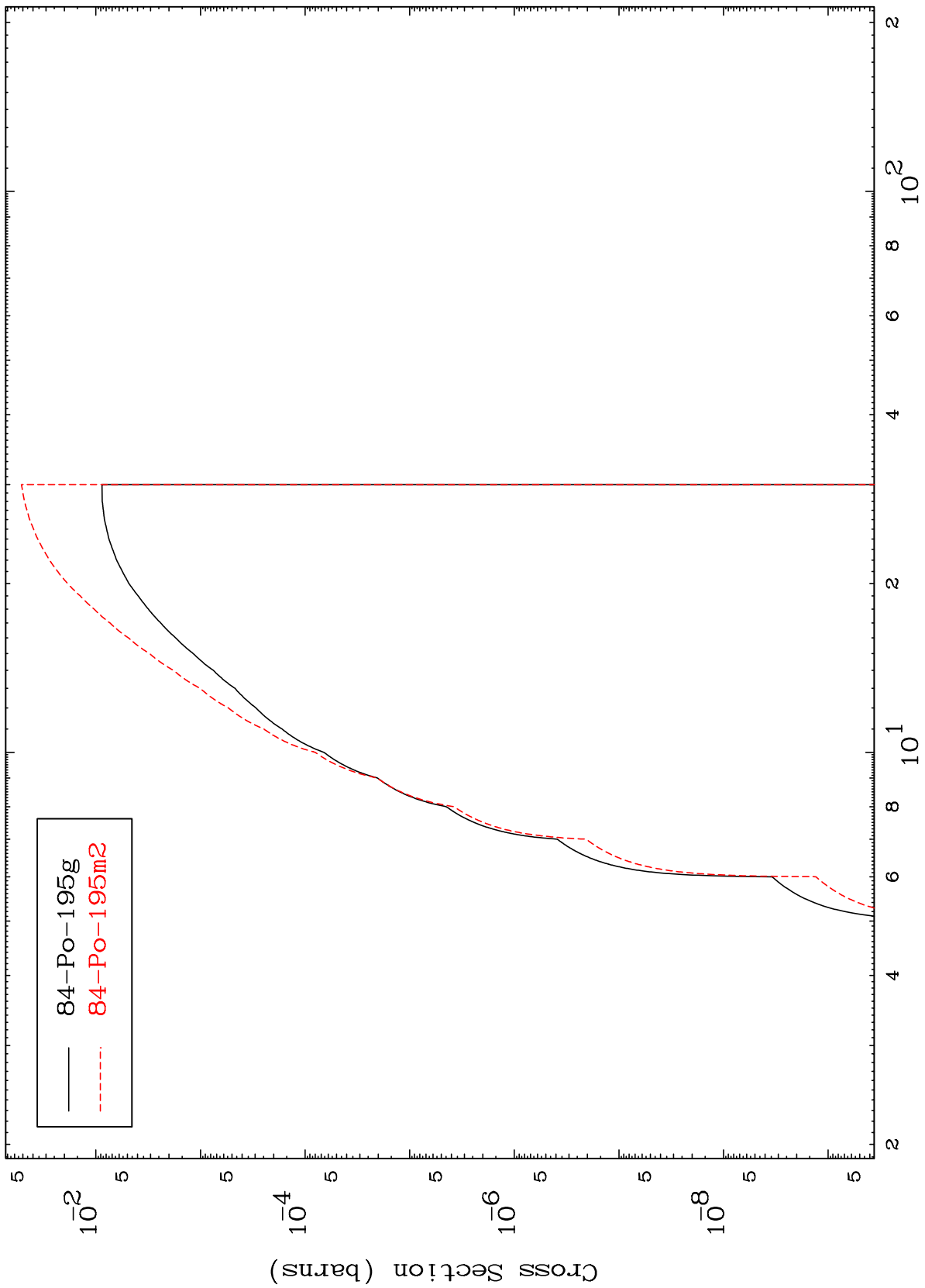


MAT 8393

(d,n') p

84-Po-195

Radionuclide Production Cross Section



84-Po-195g  
84-Po-195m2

16

Incident Energy (MeV)

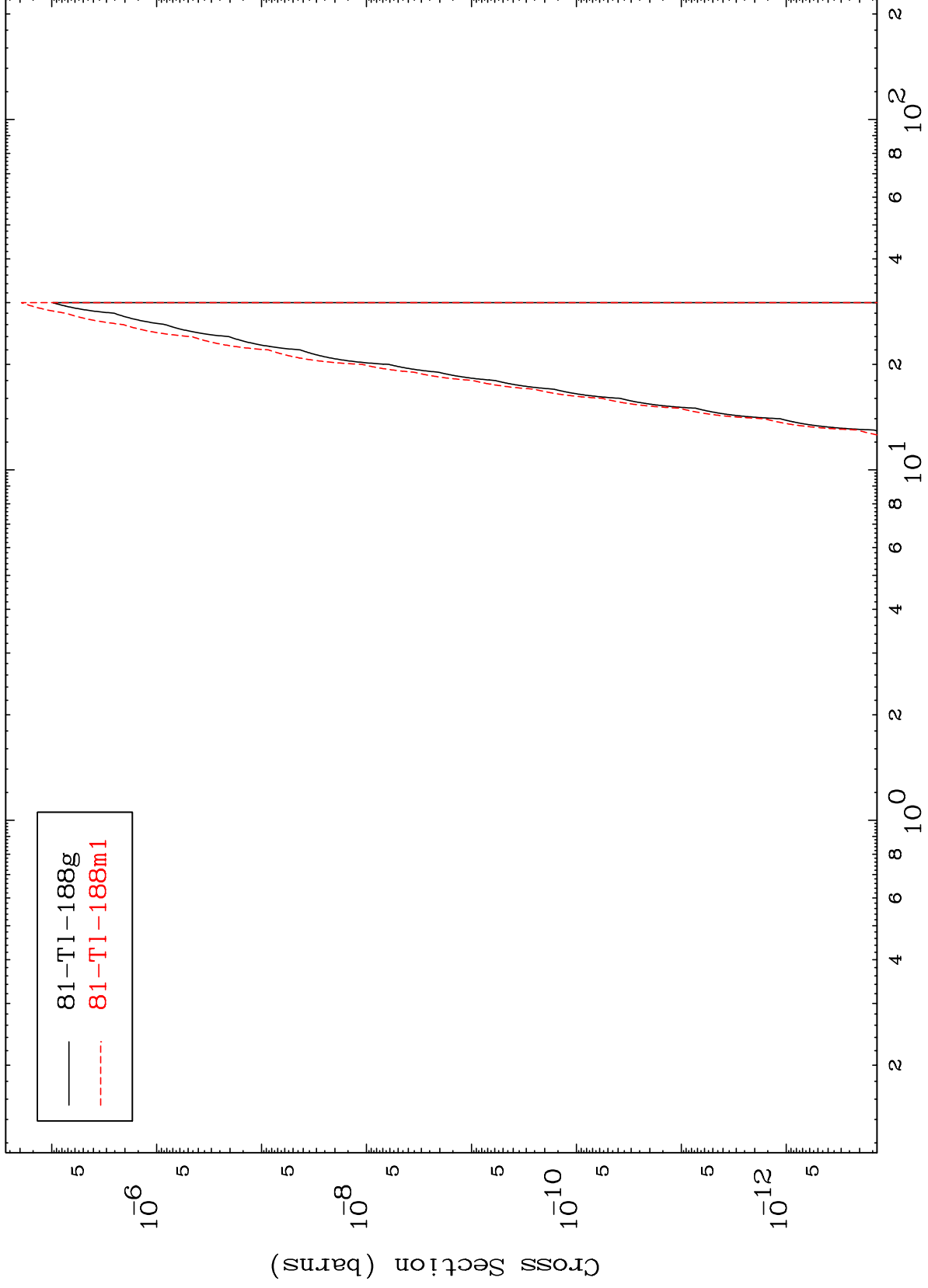
84-Po-195

MAT 8393

(d,n') 2 $\alpha$

84-Po-195

Radionuclide Production Cross Section

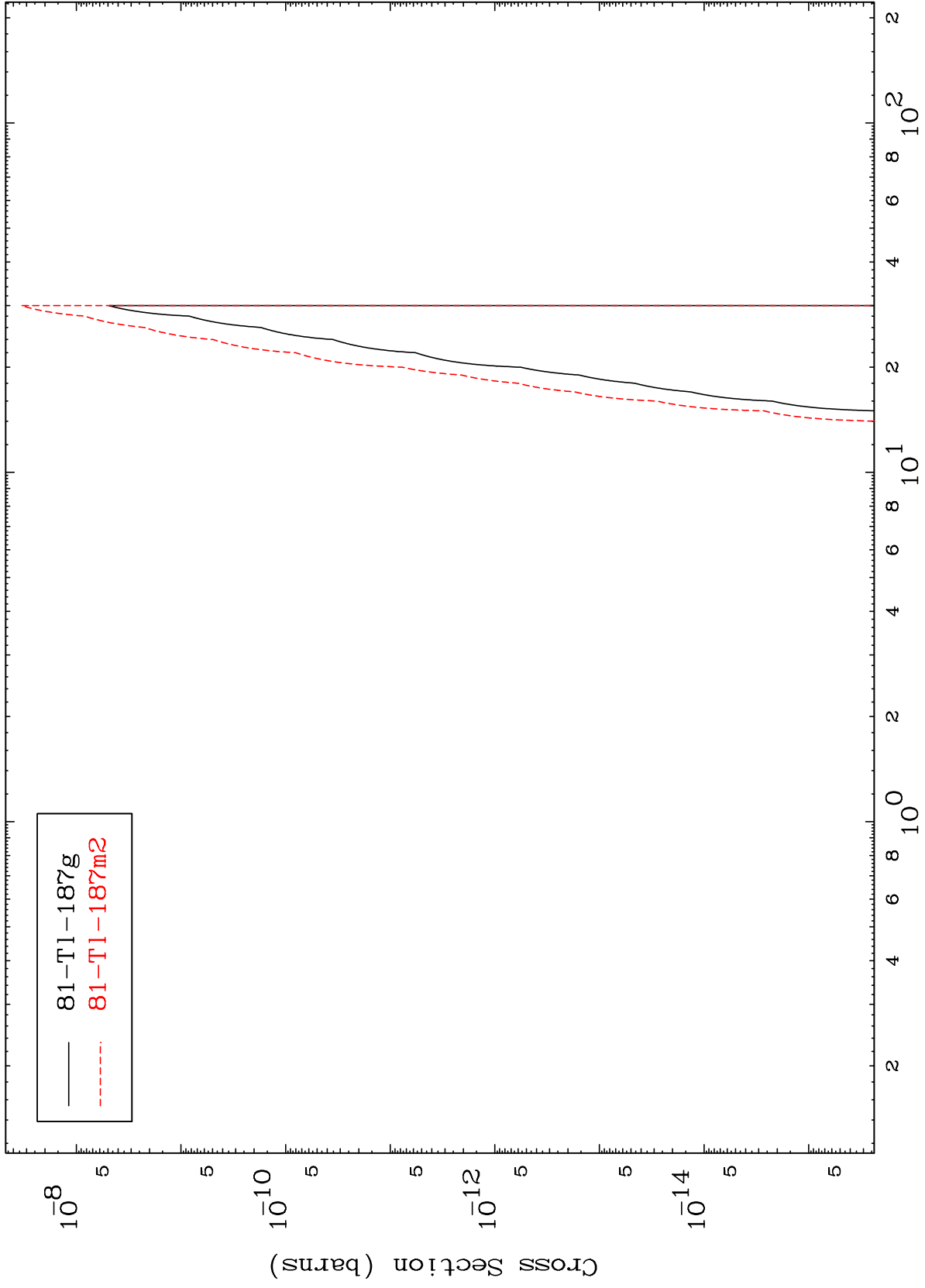


MAT 8393

$(d,2n) \text{ } ^{208}\text{Po}$

$^{208}\text{Po}$

Radionuclide Production Cross Section



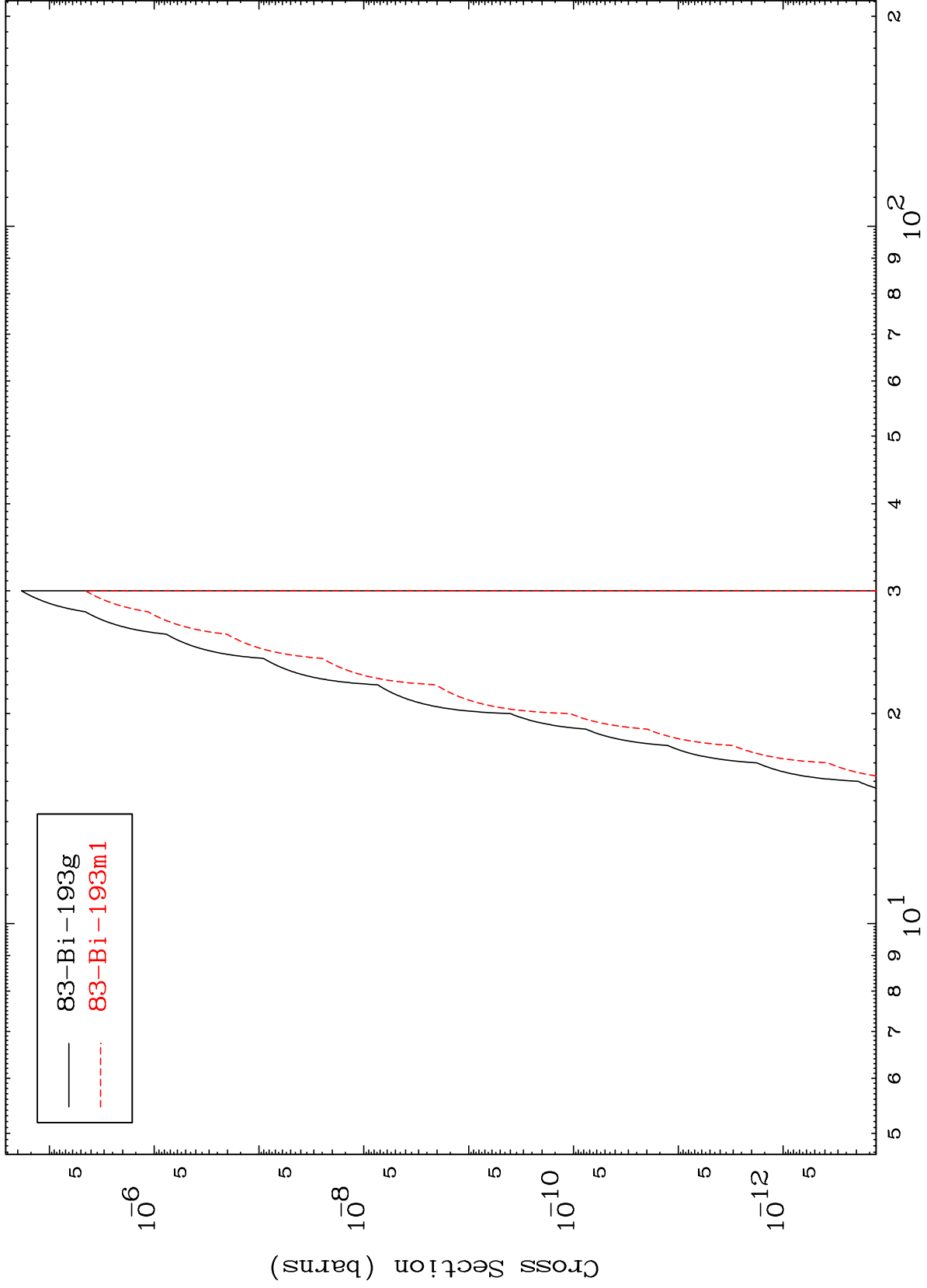
—  $^{81}\text{Tl-187g}$   
- - -  $^{81}\text{Tl-187m2}$

MAT 8393

(d,n') He-3

84-Po-195

Radionuclide Production Cross Section



19

Incident Energy (MeV)

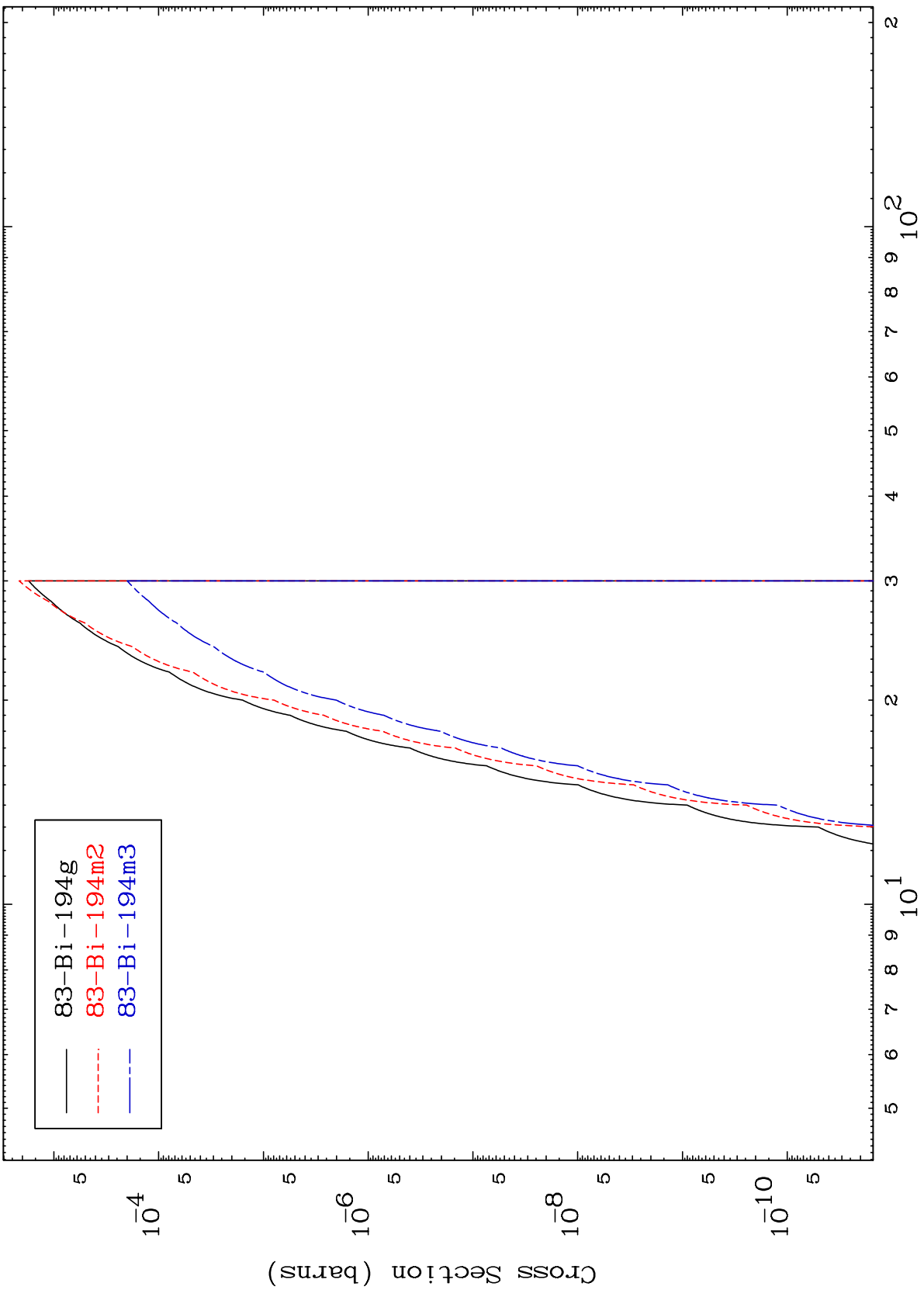
84-Po-195

MAT 8393

(d,2n) p

84-Po-195

Radionuclide Production Cross Section



20

Incident Energy (MeV)

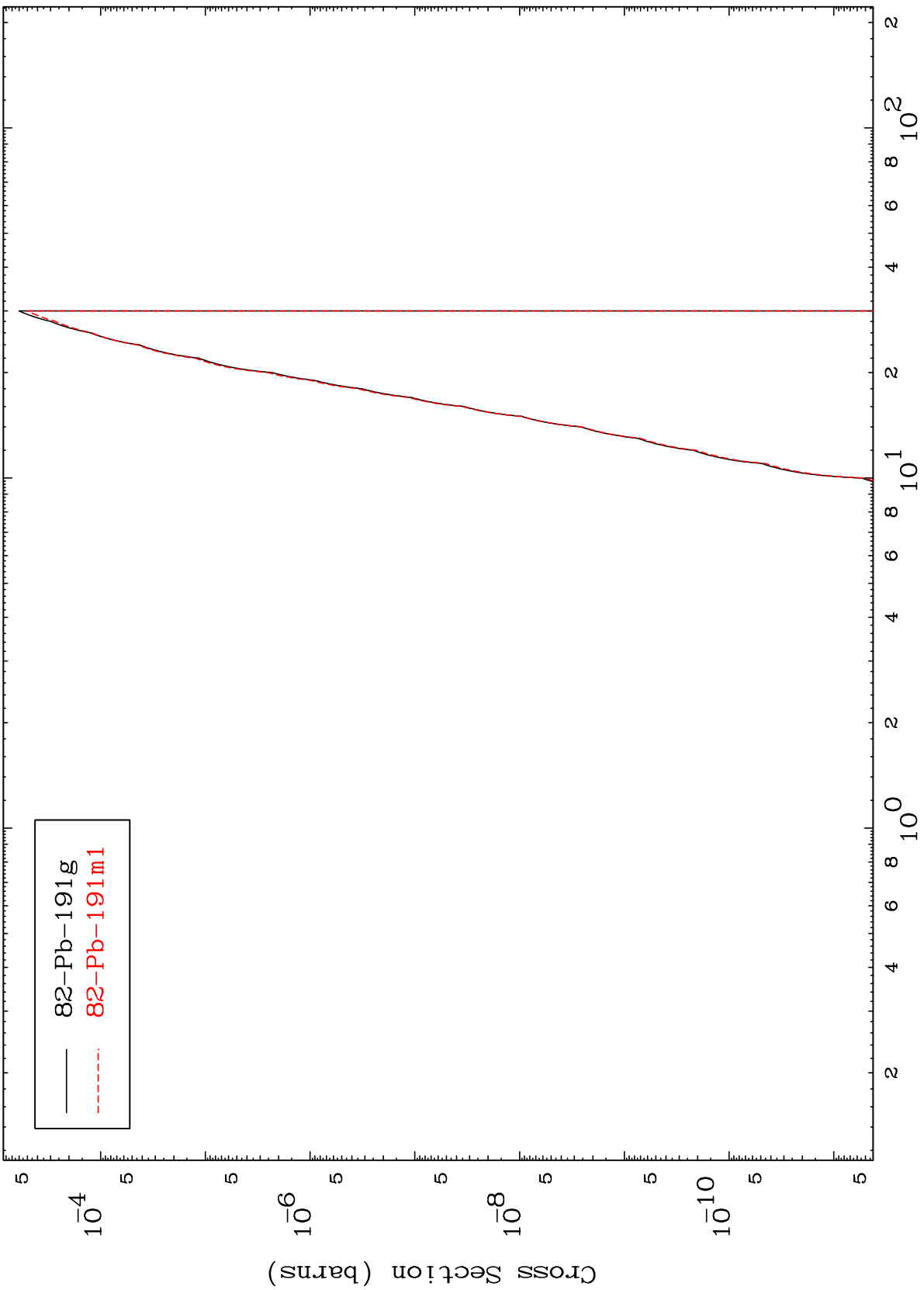
84-Po-195

MAT 8393

(d,n') p  $\alpha$

84-Po-195

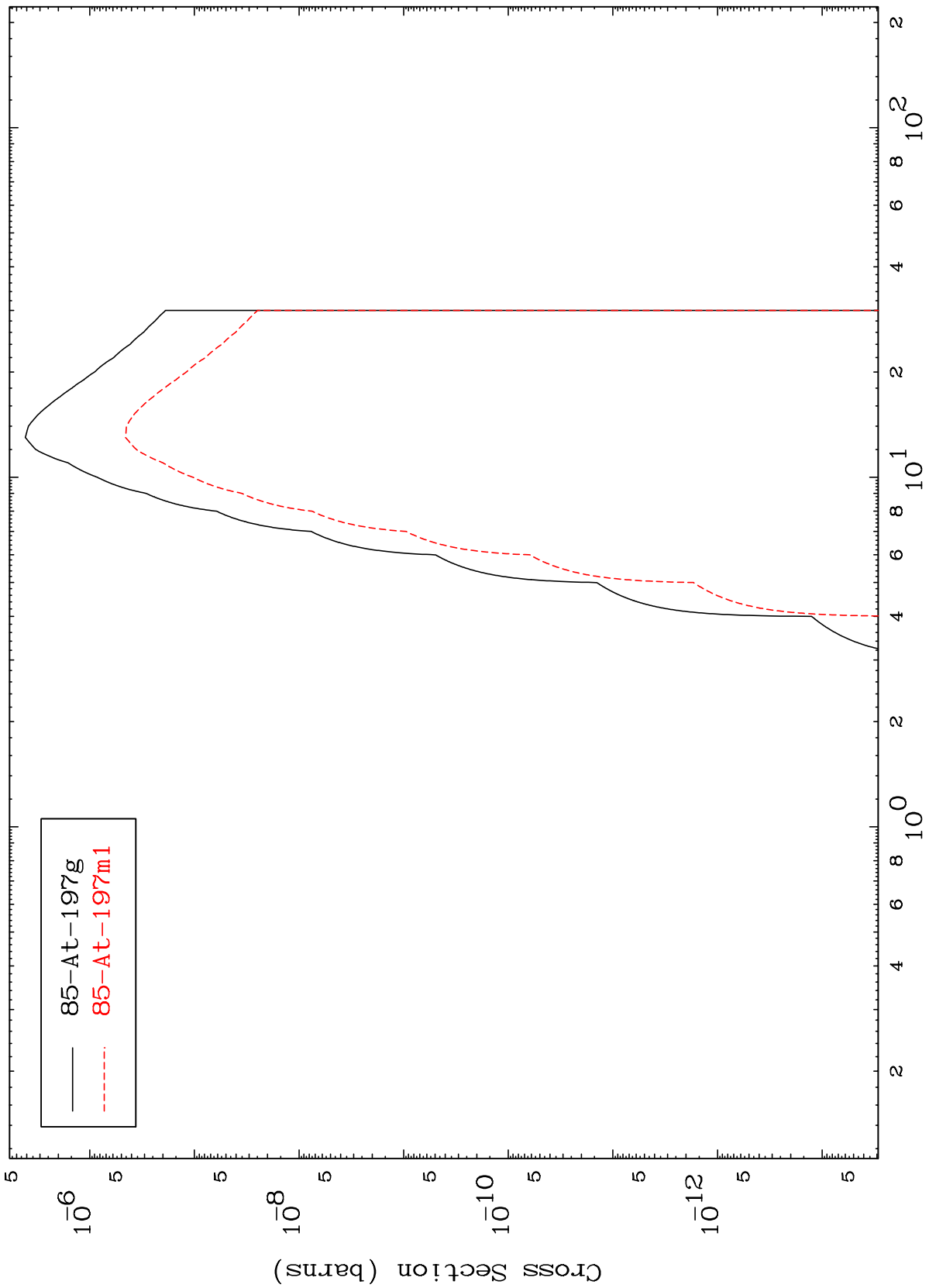
Radionuclide Production Cross Section



MAT 8393

84-Po-195

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



84-Po-195

Incident Energy (MeV)

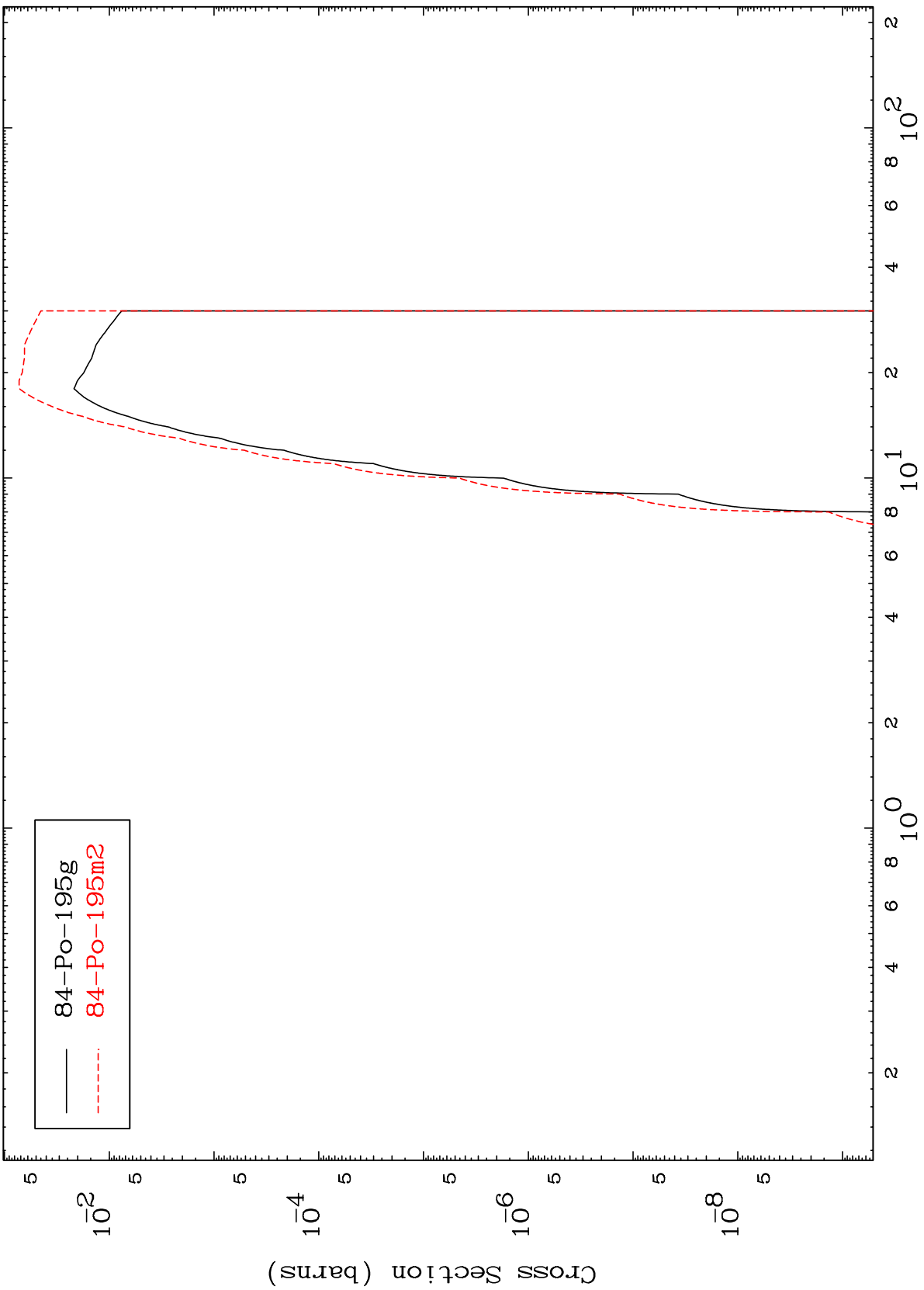
22

MAT 8393

(d,d)

84-Po-195

Radionuclide Production Cross Section



84-Po-195g  
84-Po-195m2

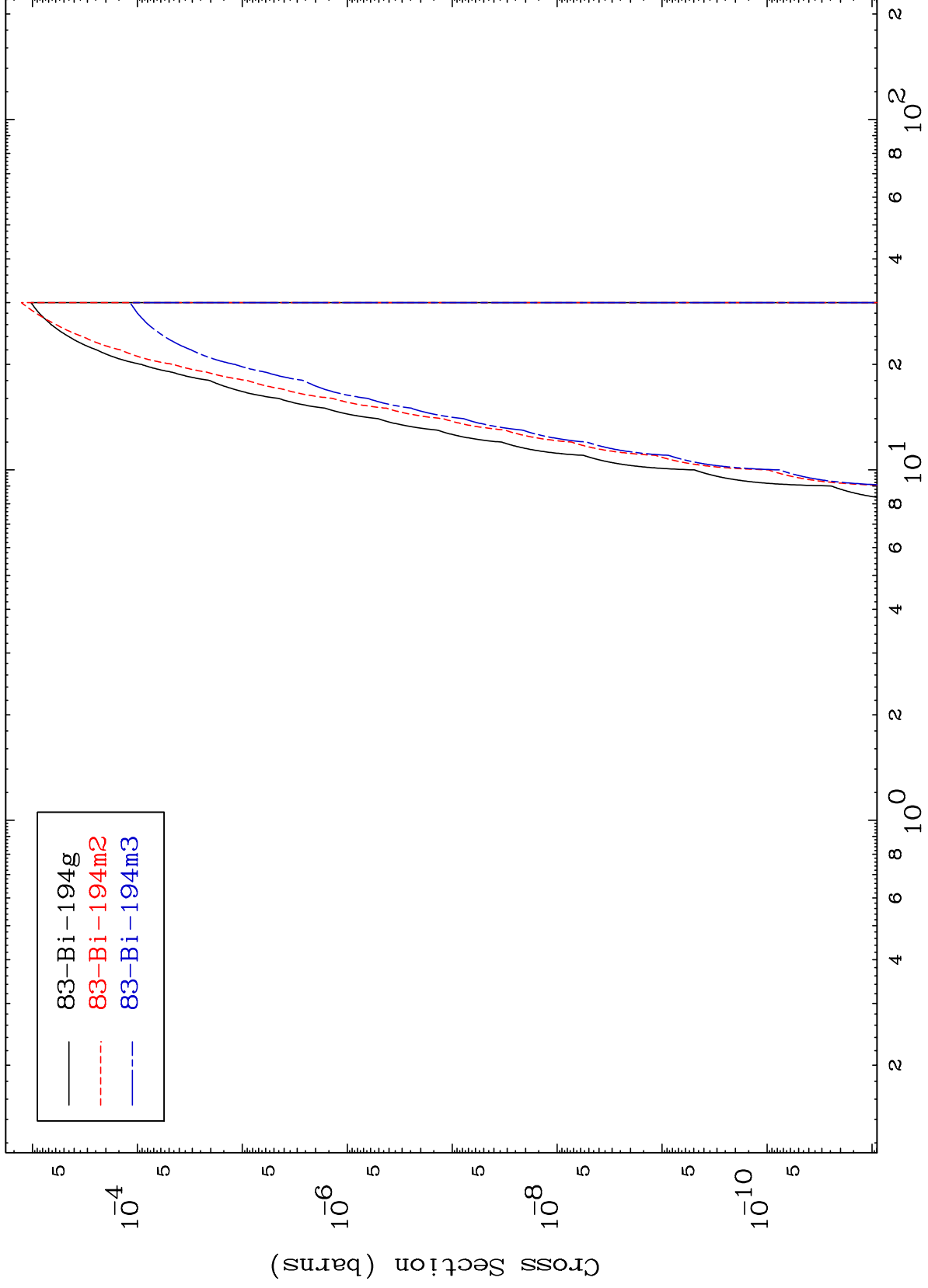


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(d,He-3)

84-Po-195

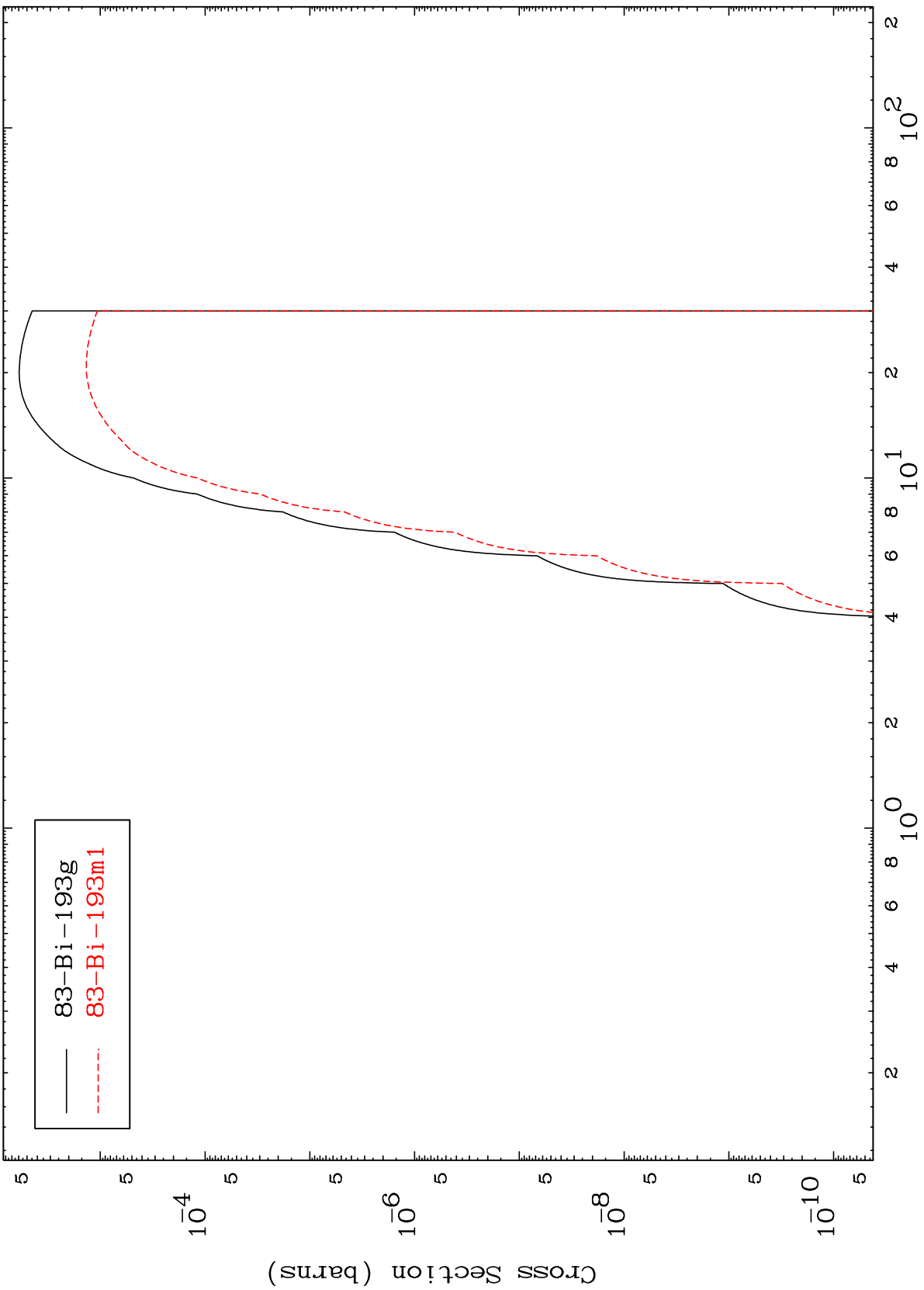
Radionuclide Production Cross Section



MAT 8393

84-Po-195

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



— 83-Bi-193g  
- - - 83-Bi-193m1

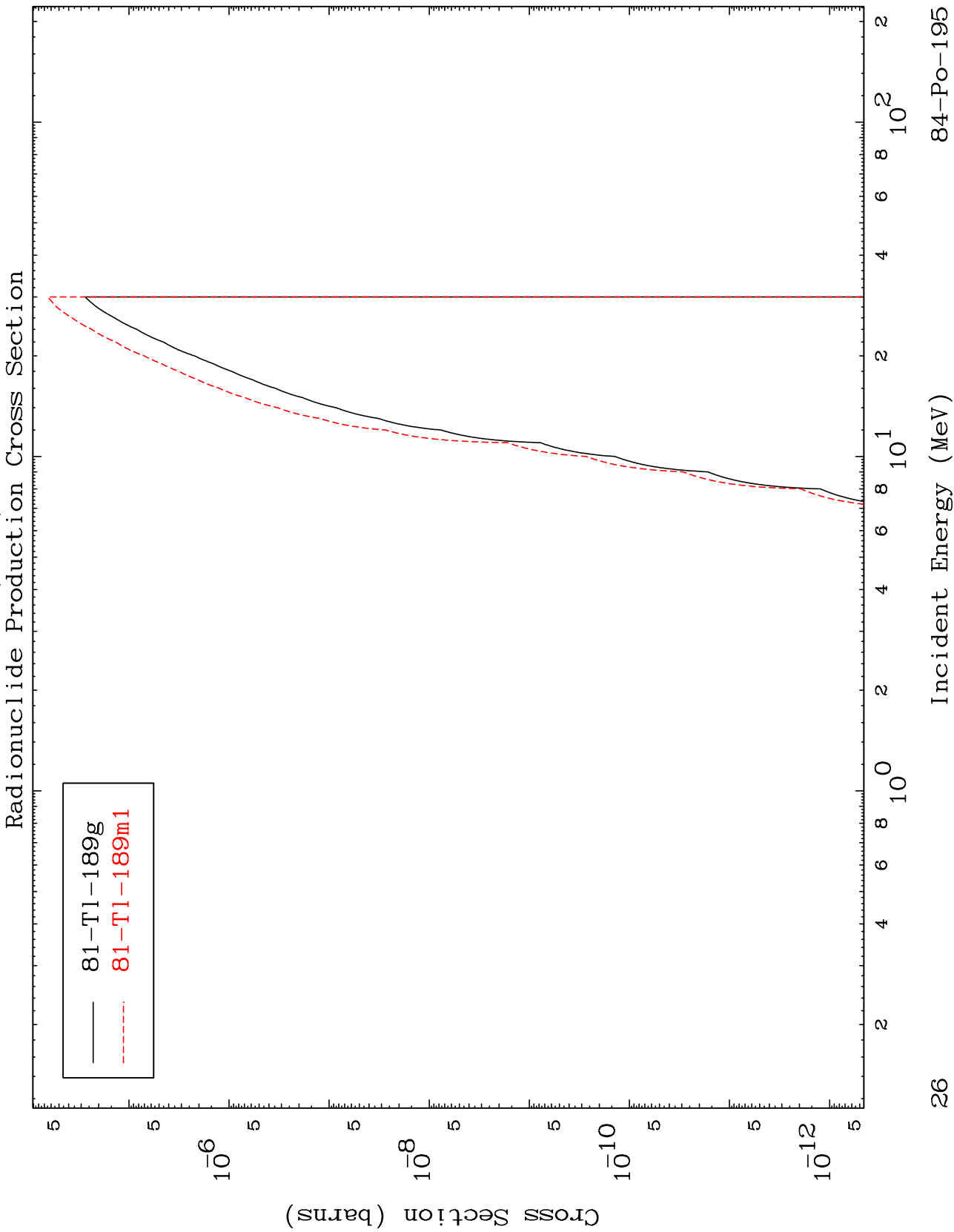
84-Po-195

Incident Energy (MeV)

25

MAT 8393

84-Po-195

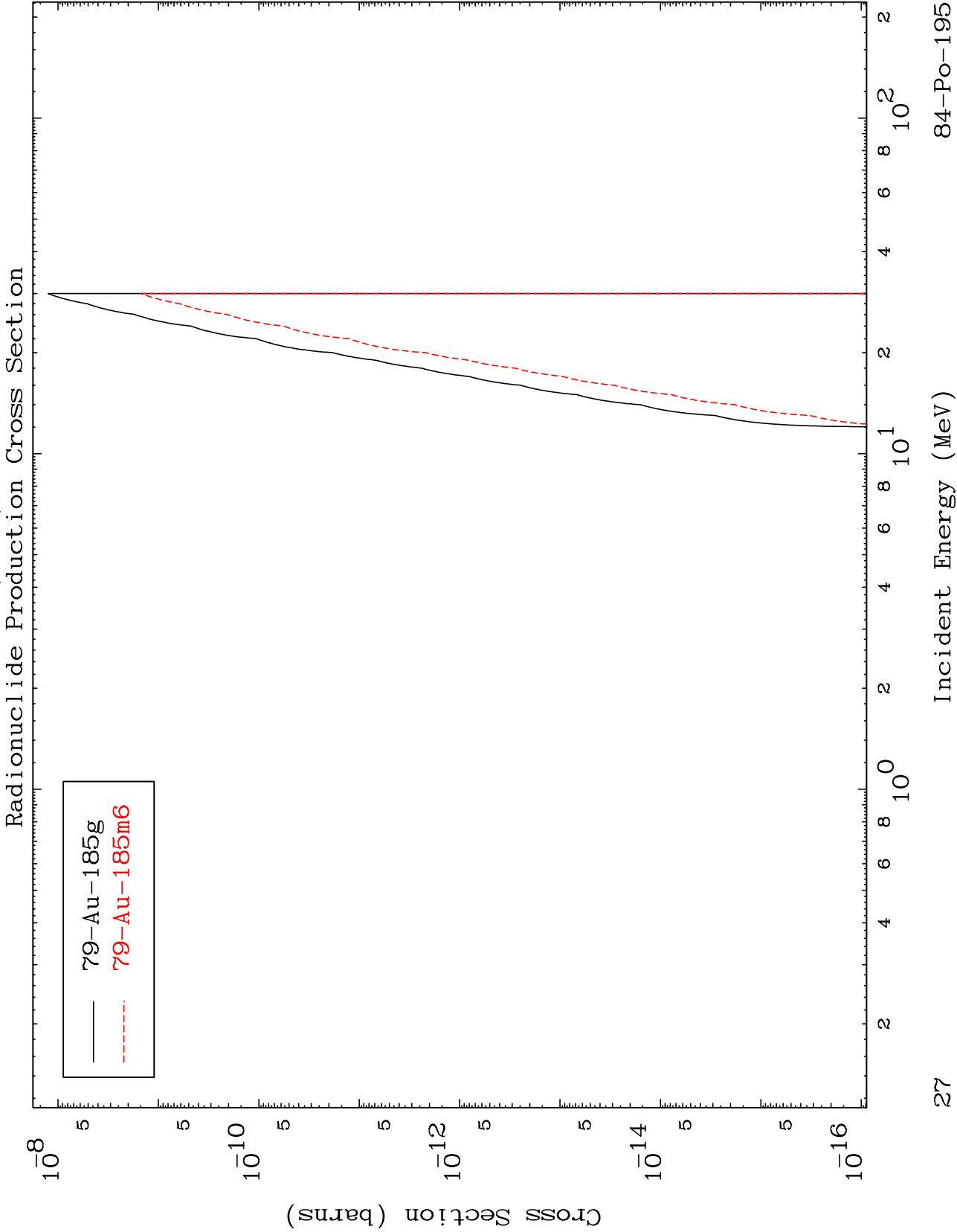


— 81-Tl-189g  
- - - 81-Tl-189m1

MAT 8393

(d,3 $\alpha$ )

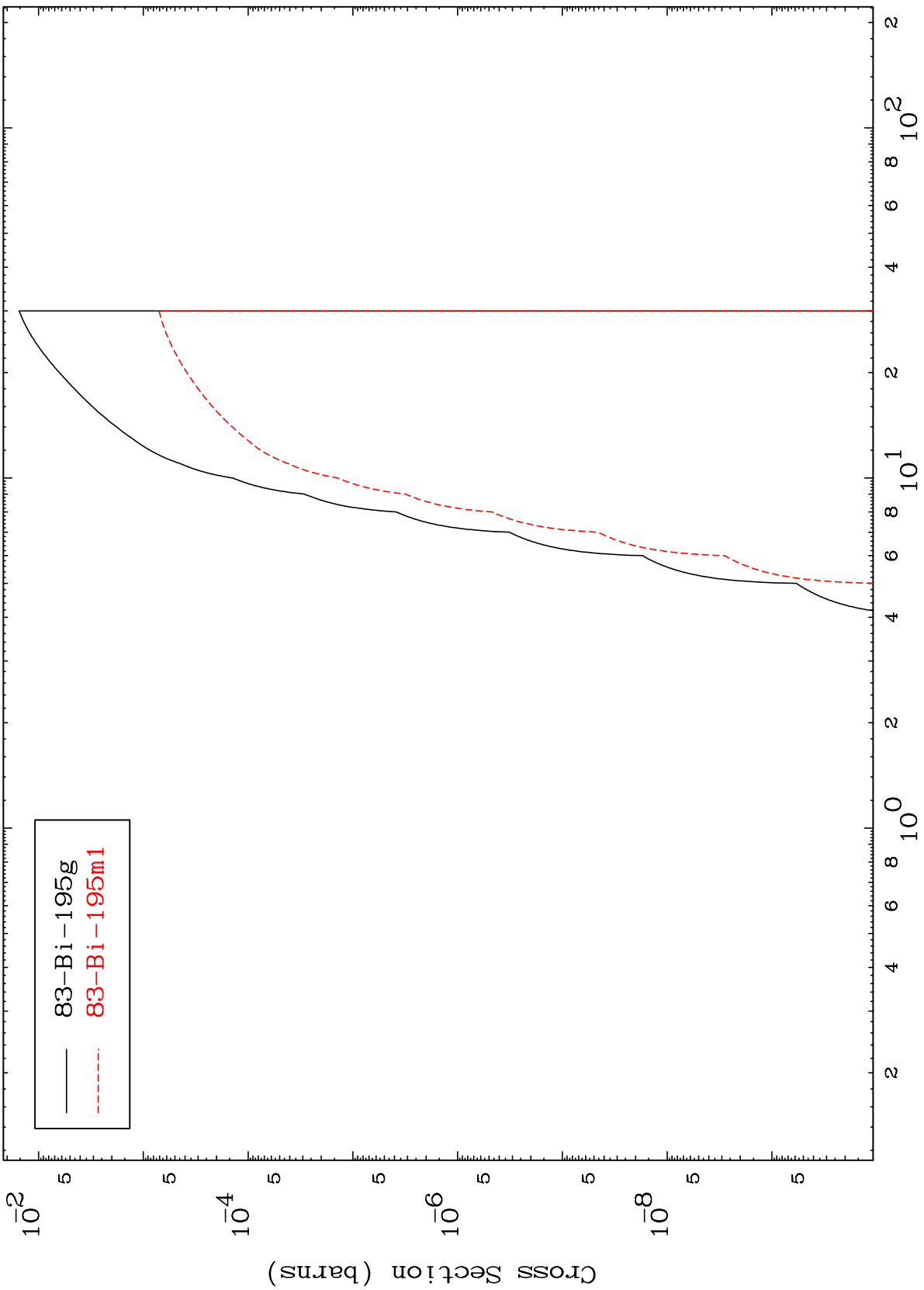
84-Po-195



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84-Po-195

Radionuclide Production Cross Section  
(d,2p)



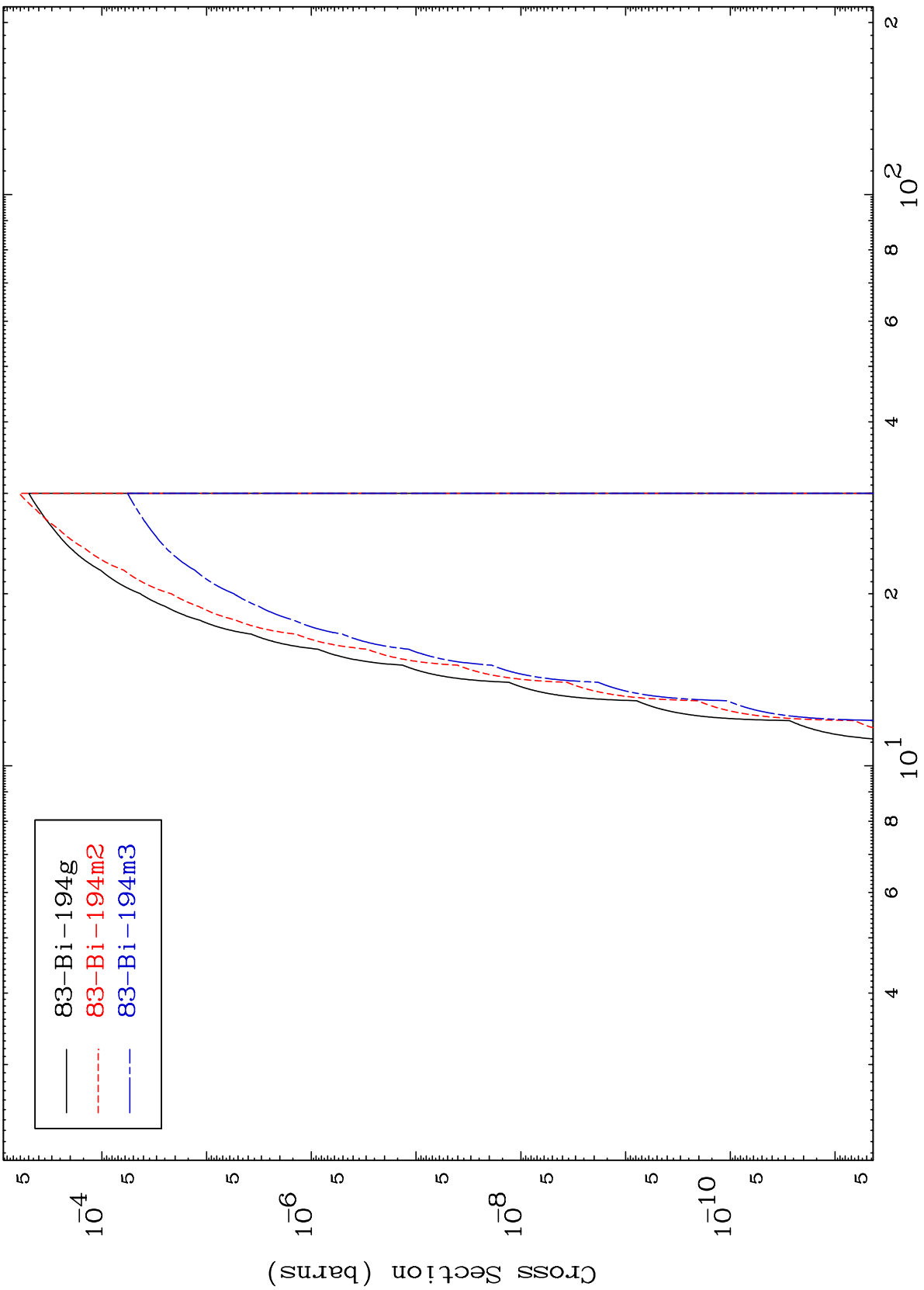
83-Bi-195g  
83-Bi-195m1

84-Po-195

Incident Energy (MeV)

28

Radionuclide Production Cross Section

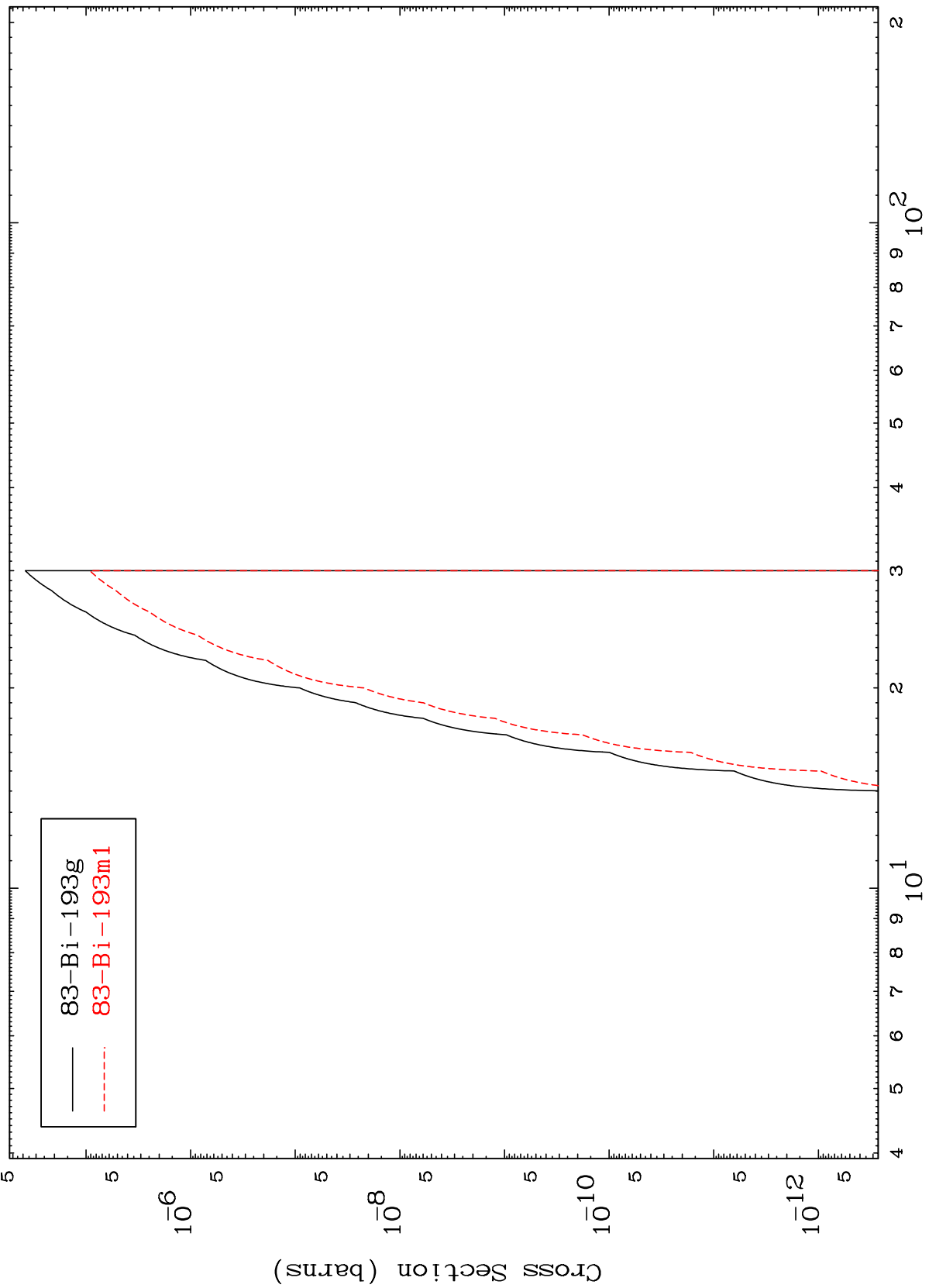


MAT 8393

(d,p) t

84-Po-195

Radionuclide Production Cross Section



30

Incident Energy (MeV)

84-Po-195

MAT 8393

(d,d)  $\alpha$

84-Po-195

Radionuclide Production Cross Section

