

Program EVALPLOT  
(Version 2017-1)

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

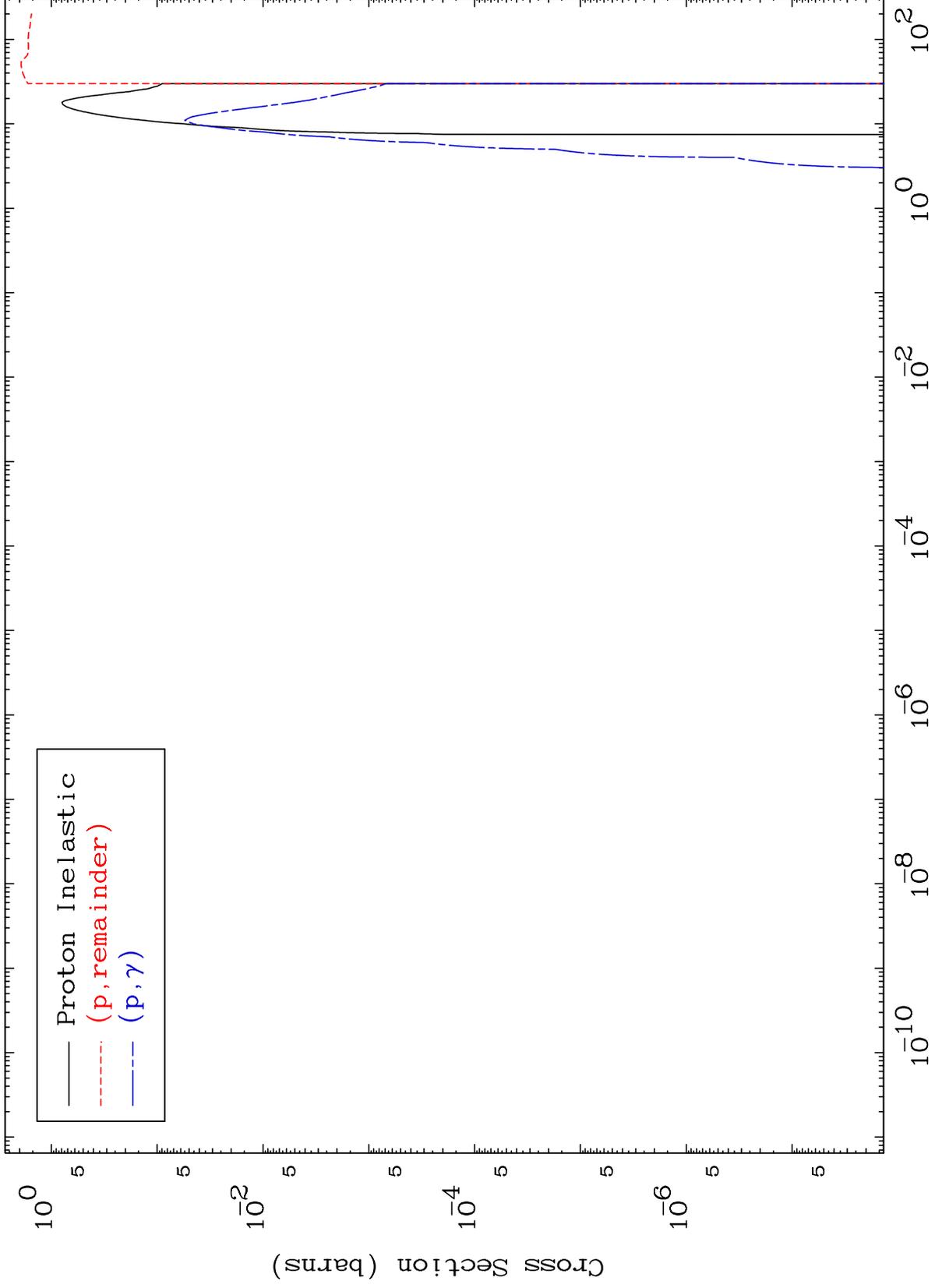
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8405

Proton Major  
0 Kelvin Cross Sections

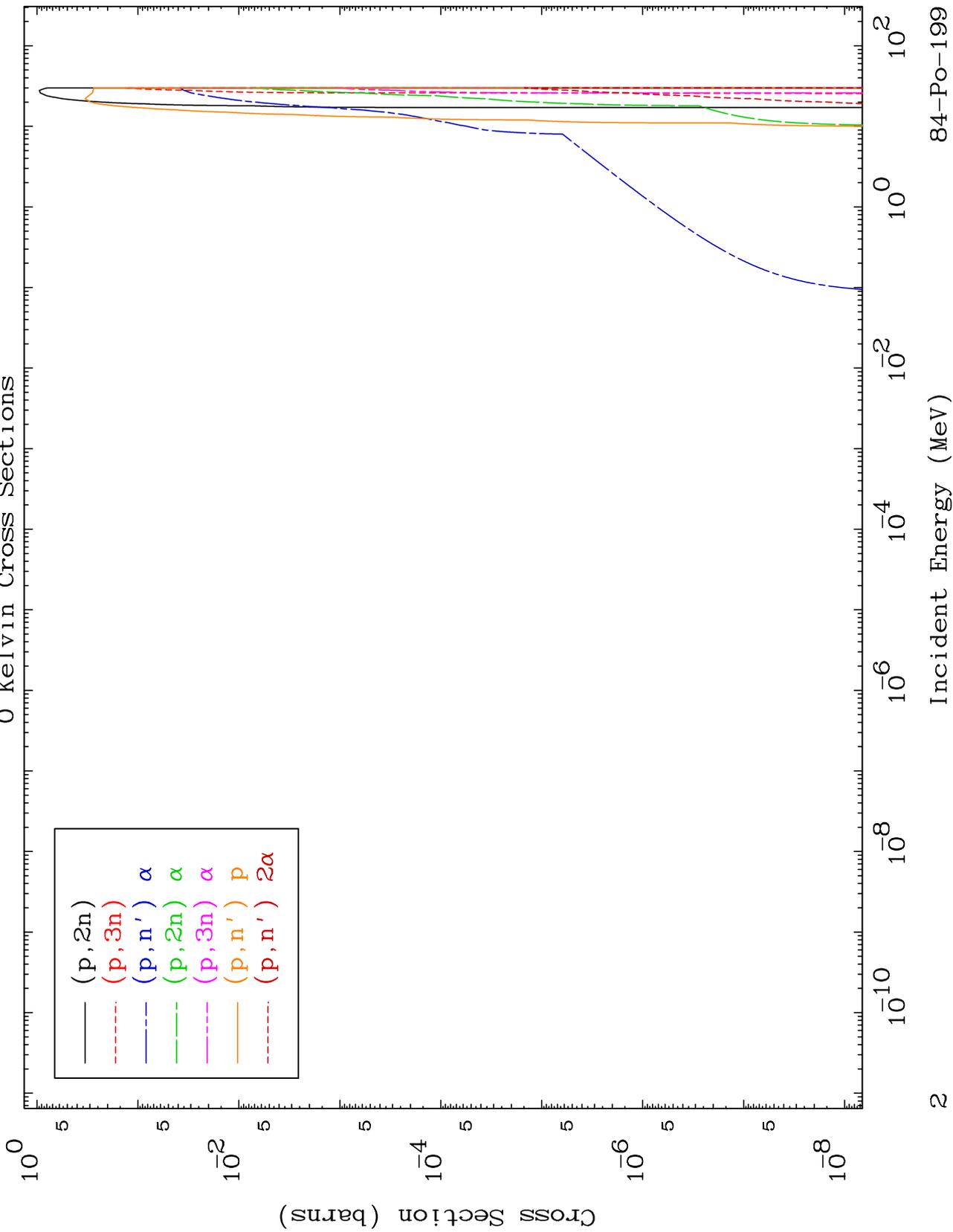
84-Po-199

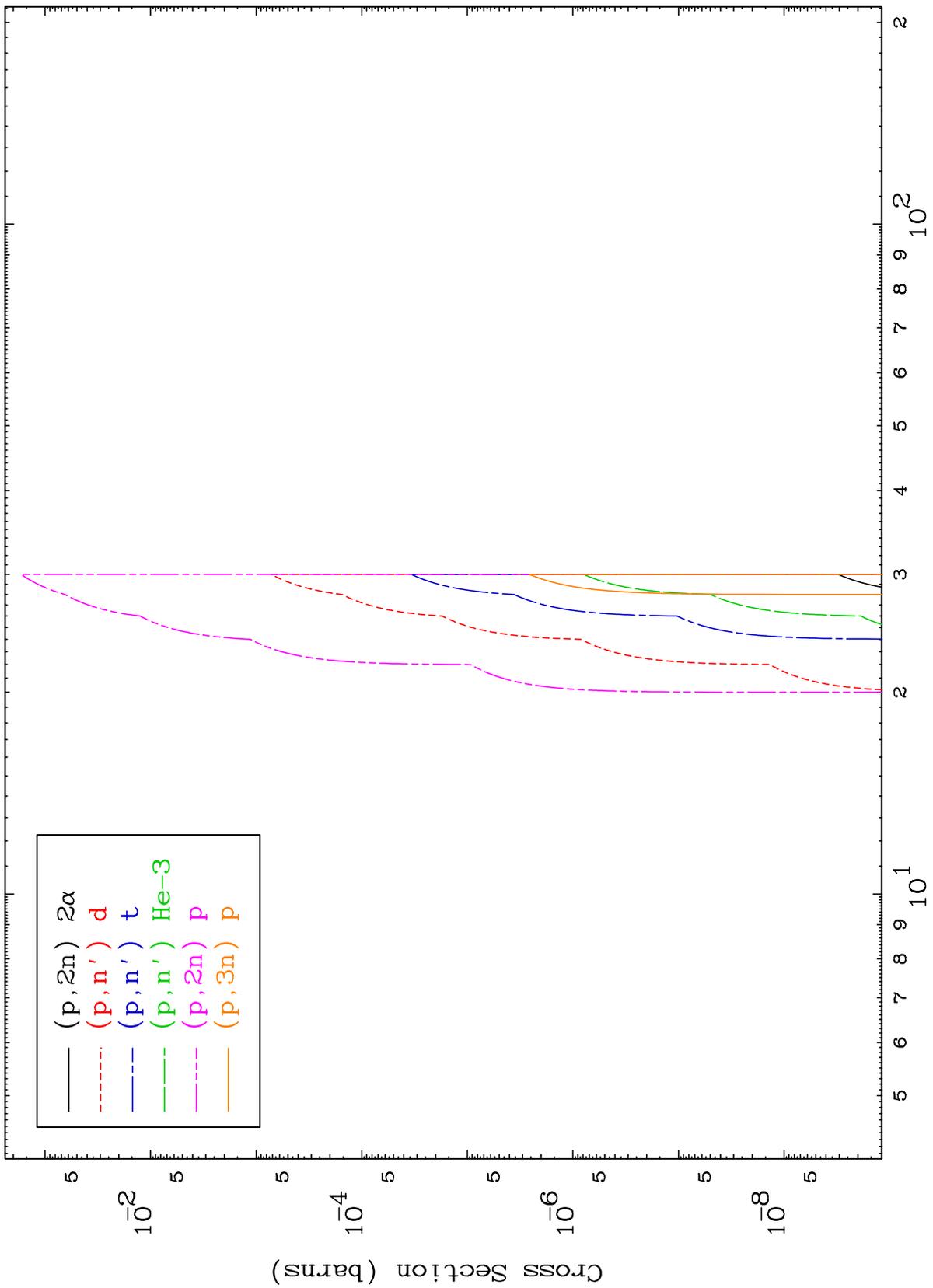


MAT 8405

Proton Neutron Production  
0 Kelvin Cross Sections

84-Po-199



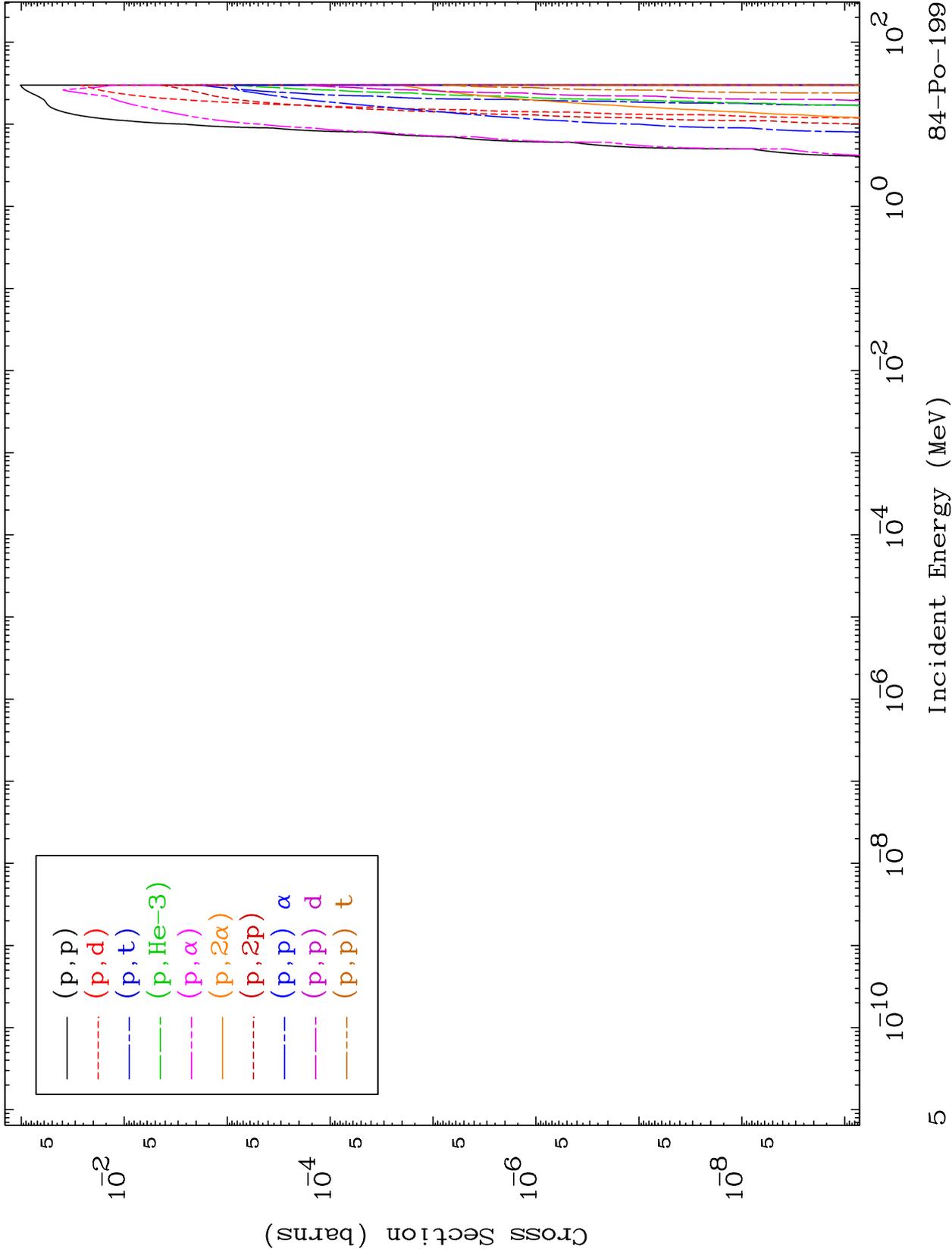




MAT 8405

Proton Charged Particle  
0 Kelvin Cross Sections

84-Po-199

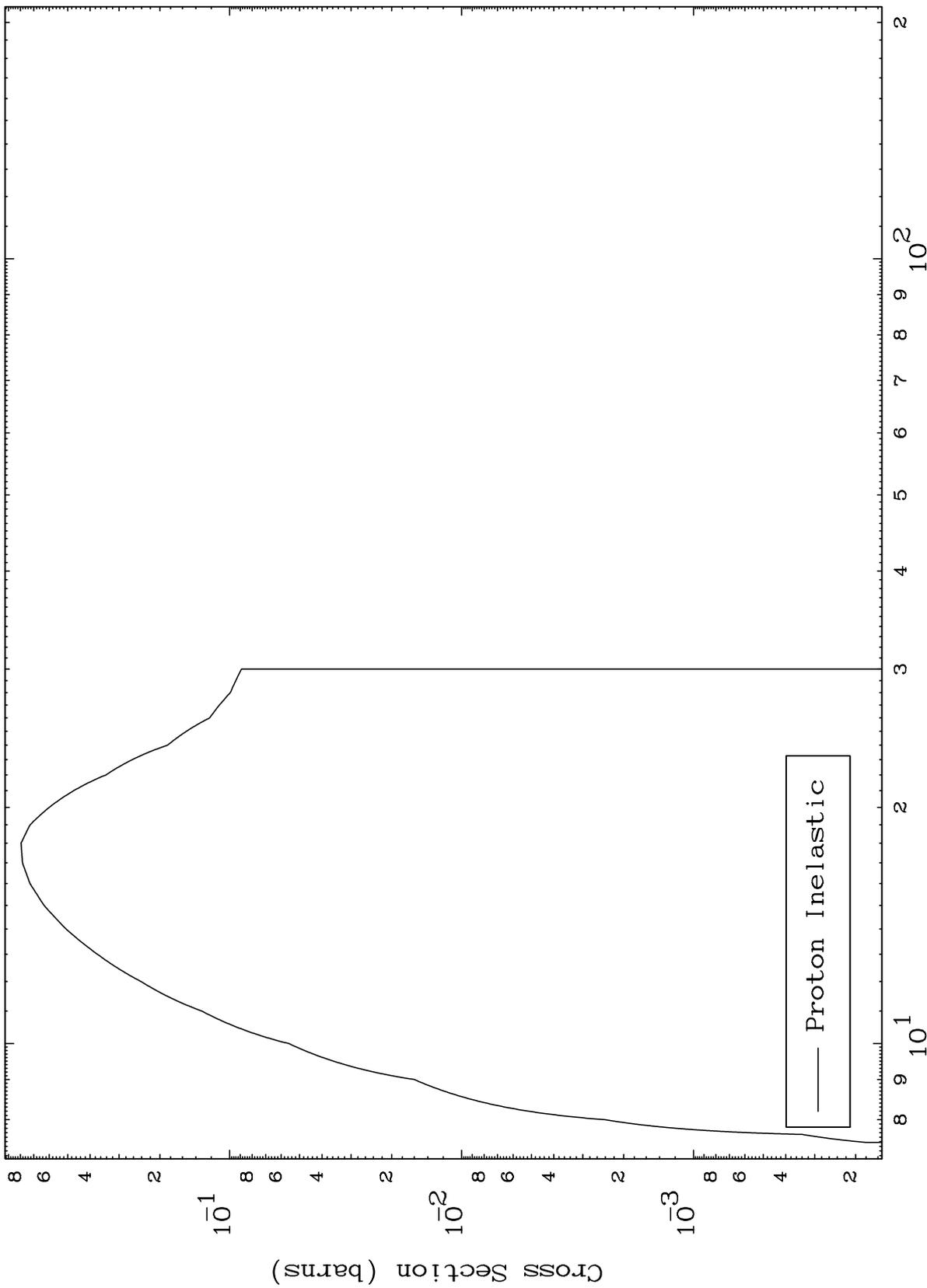


MAT 8405

(p,n') Level

84-Po-199

0 Kelvin Cross Sections



Incident Energy (MeV)

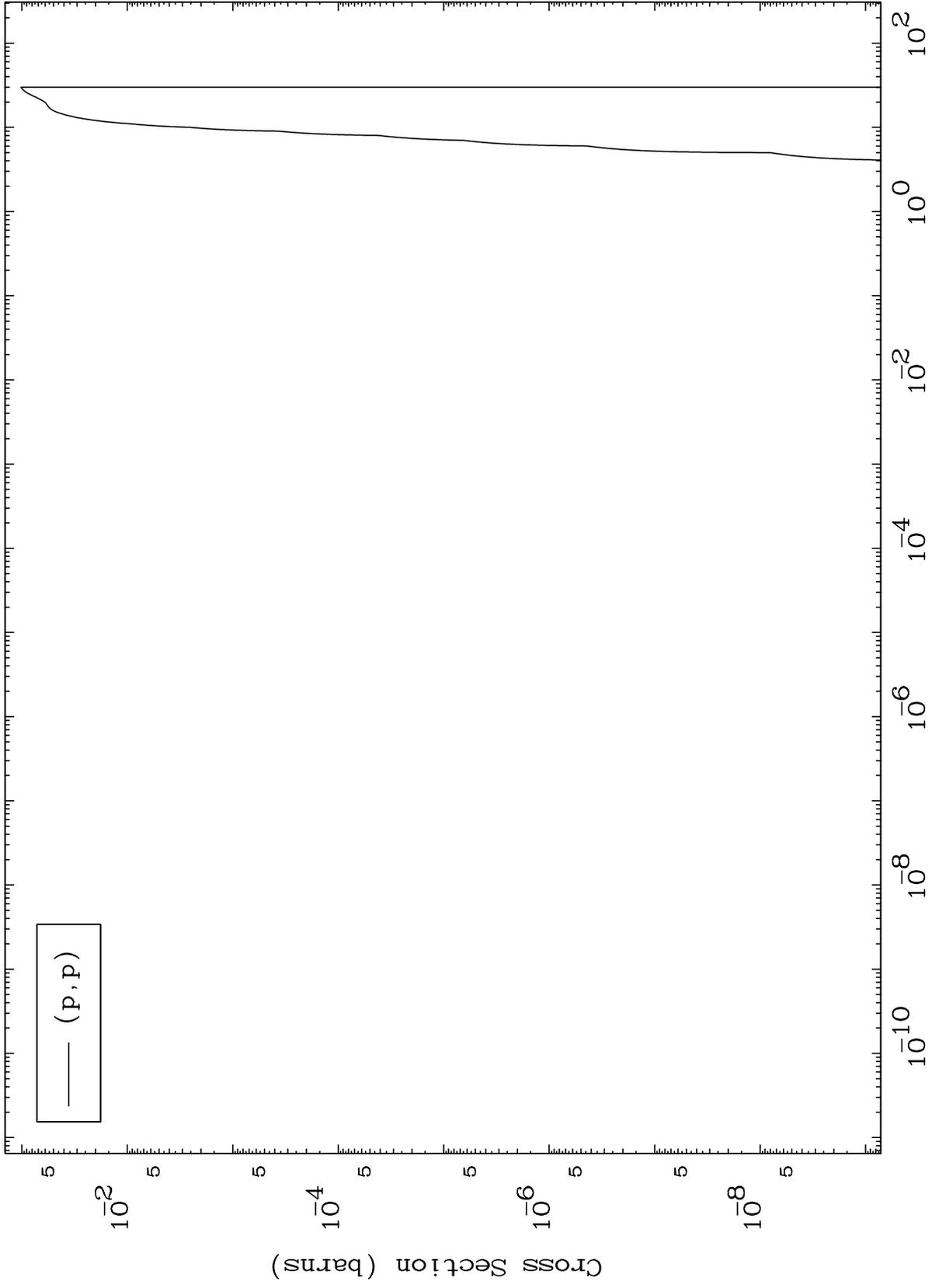
84-Po-199

6

MAT 8405

(p,p) Levels  
0 Kelvin Cross Sections

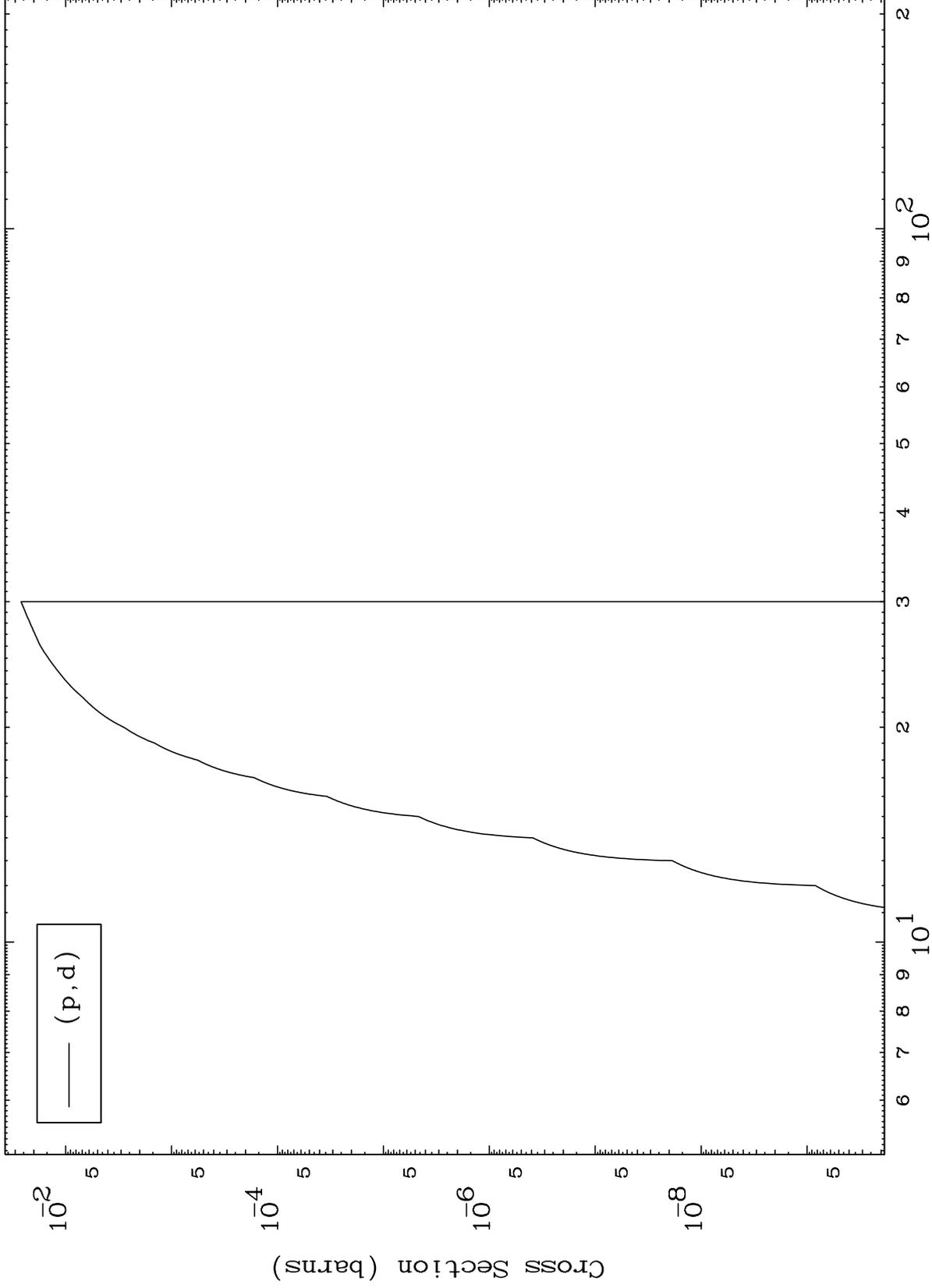
84-Po-199



MAT 8405

(p,d) Levels  
0 Kelvin Cross Sections

84-Po-199



8

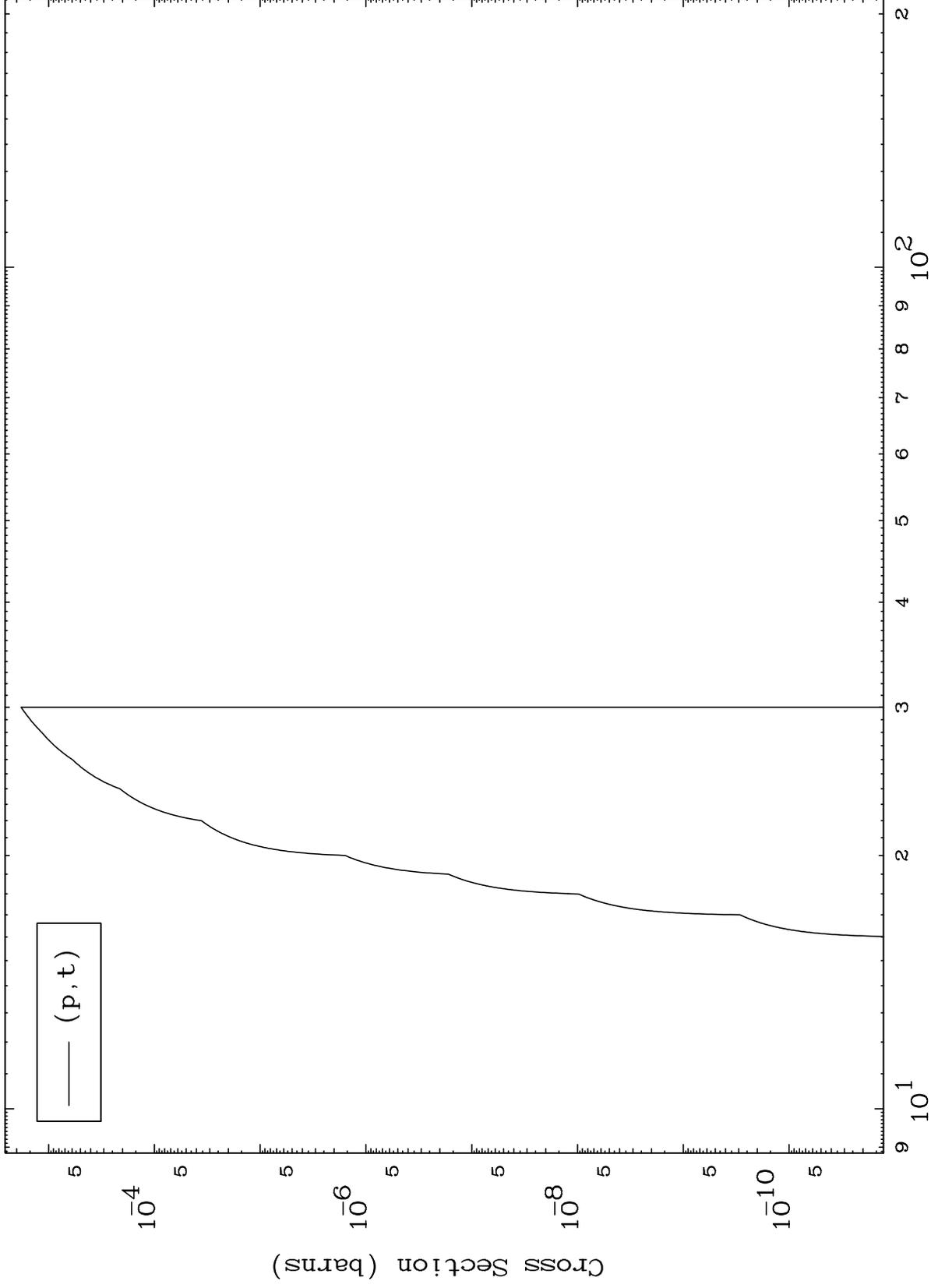
Incident Energy (MeV)

84-Po-199

MAT 8405

(p,t) Levels  
0 Kelvin Cross Sections

84-Po-199



9

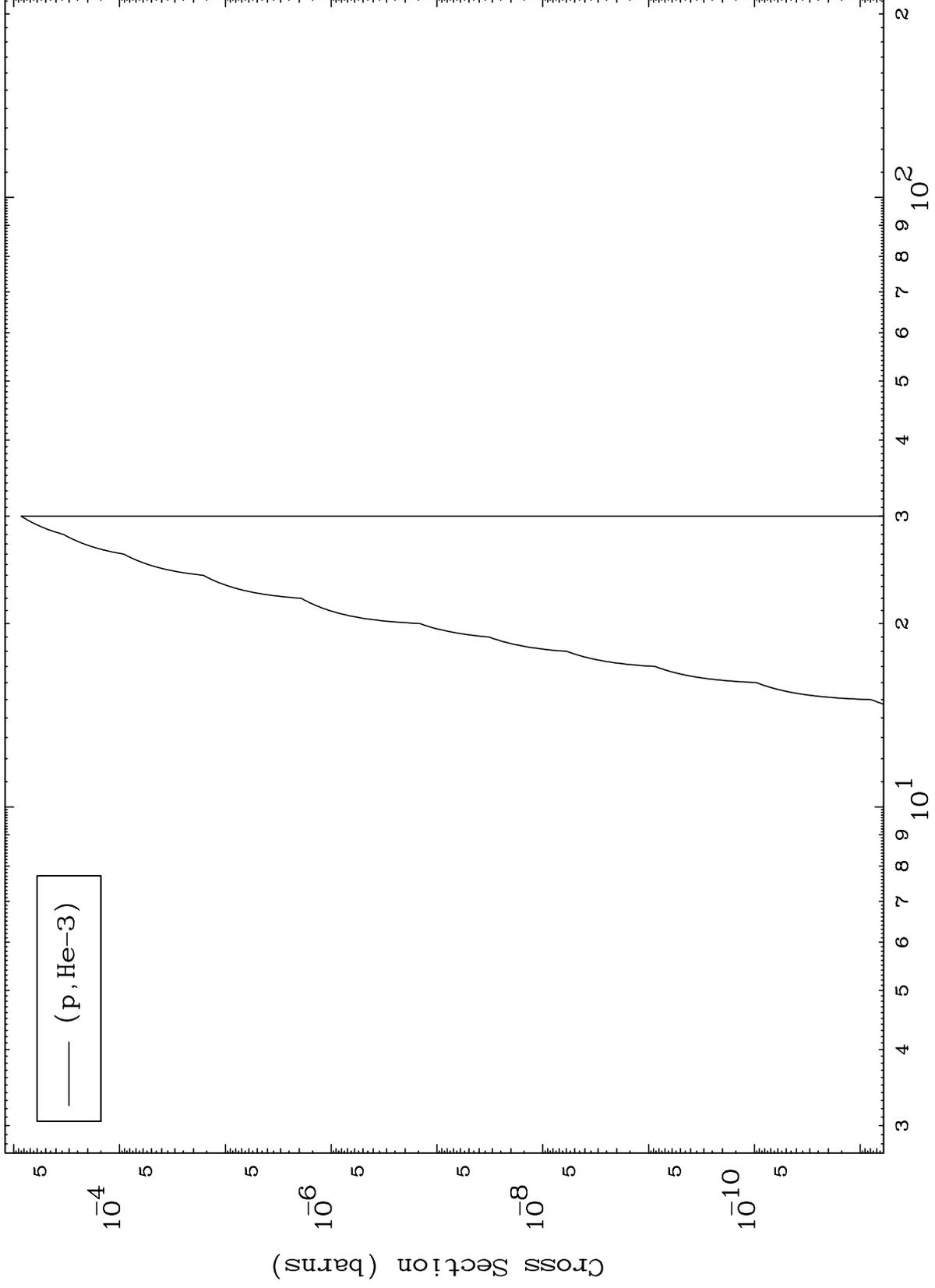
Incident Energy (MeV)

84-Po-199

MAT 8405

(p,He3) Levels  
0 Kelvin Cross Sections

84-Po-199



10

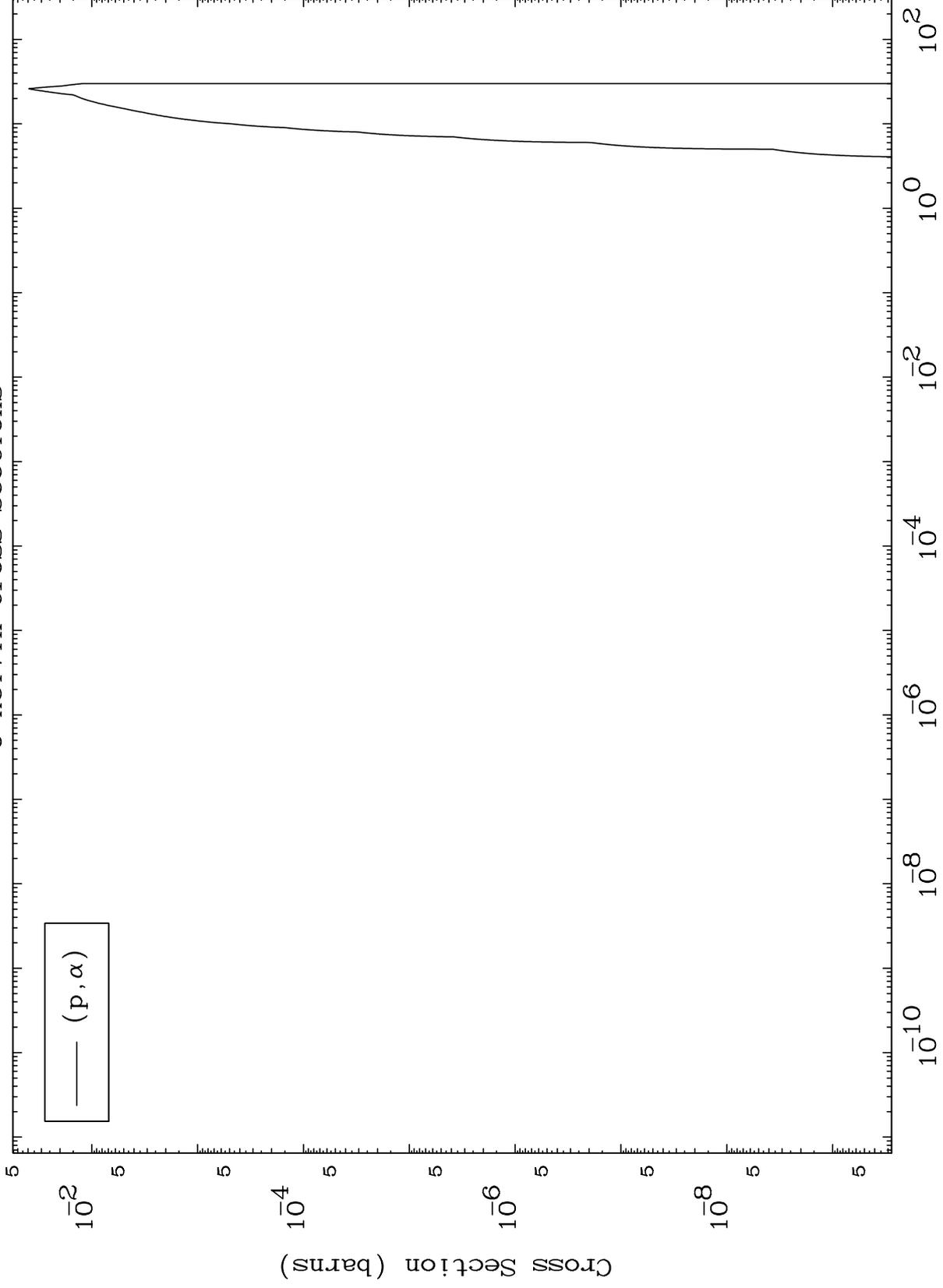
Incident Energy (MeV)

84-Po-199

MAT 8405

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

84-Po-199

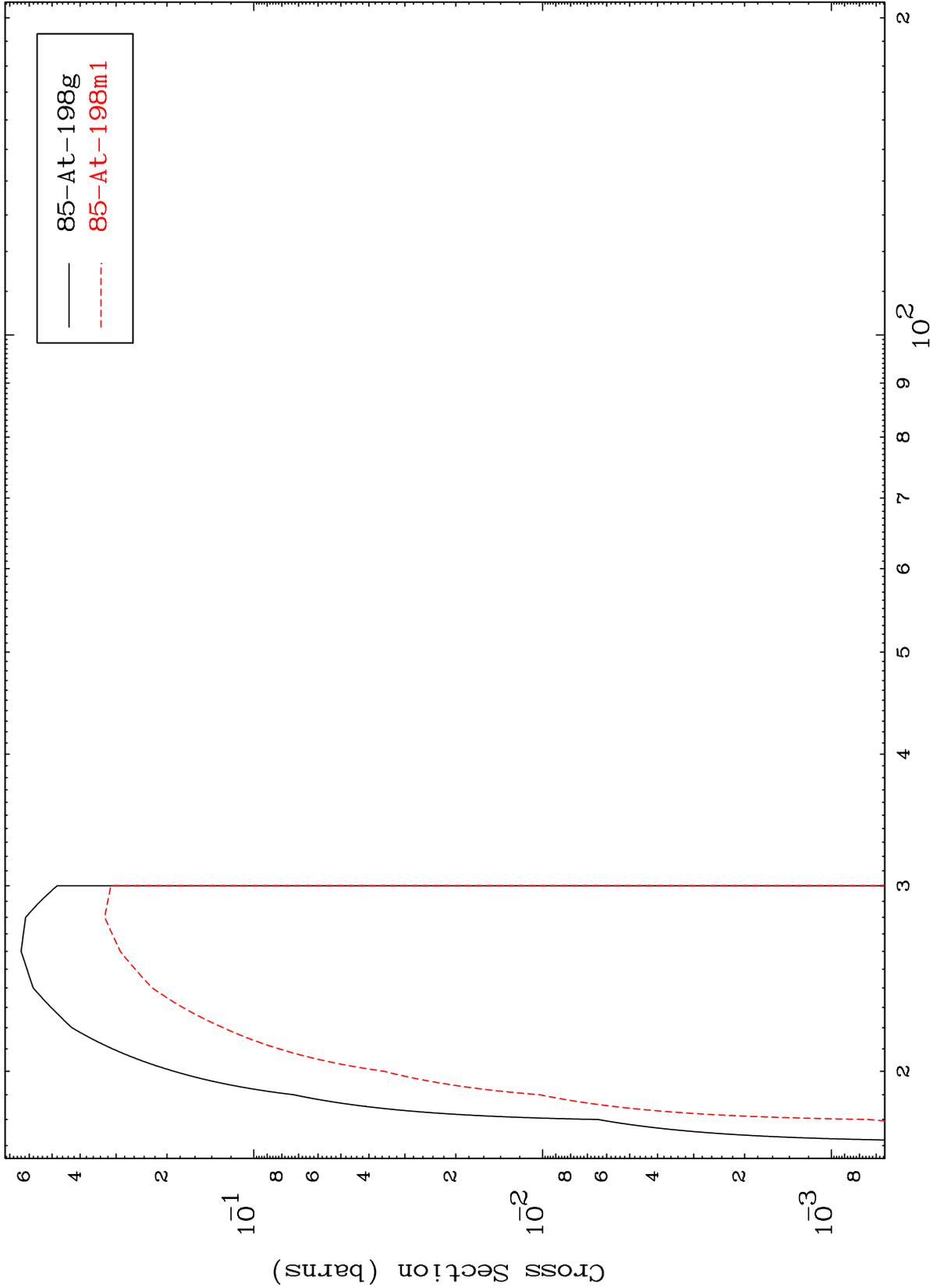


11

Incident Energy (MeV)

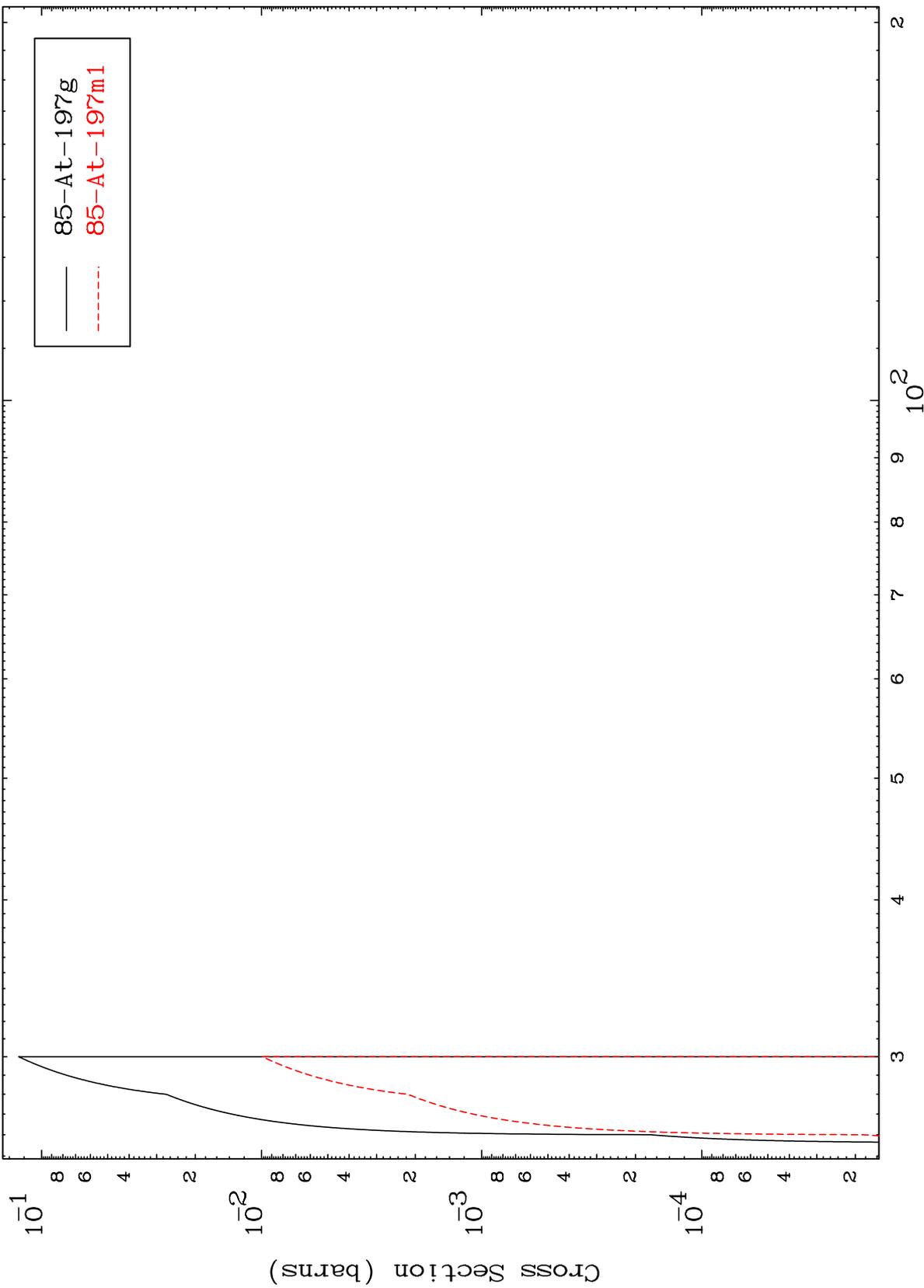
84-Po-199

Radionuclide Production Cross Section



85-At-198g  
85-At-198m1

(p,3n)  
Radionuclide Production Cross Section

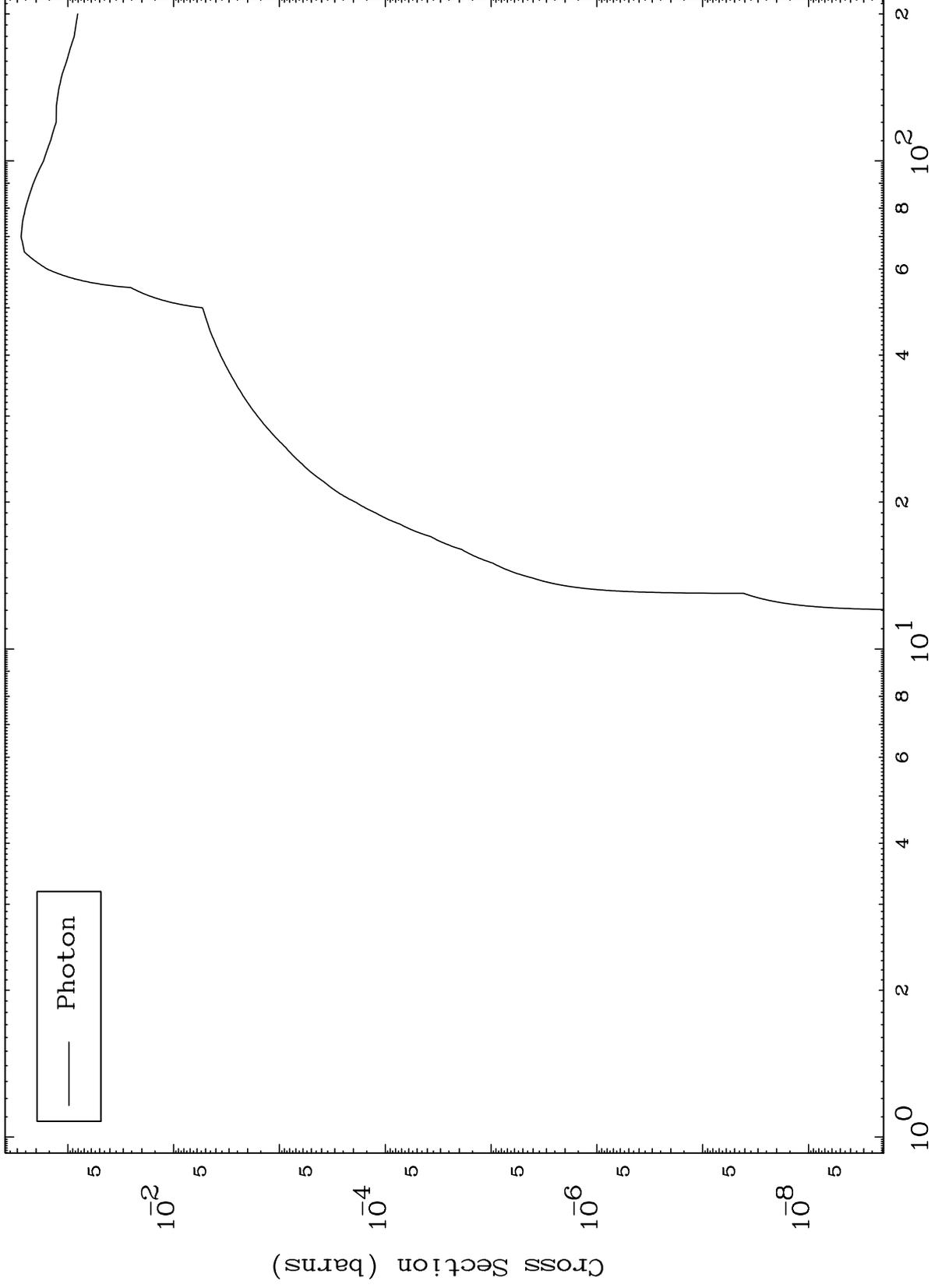


MAT 8405

Proton Fission

84-Po-199

Radionuclide Production Cross Section



Photon

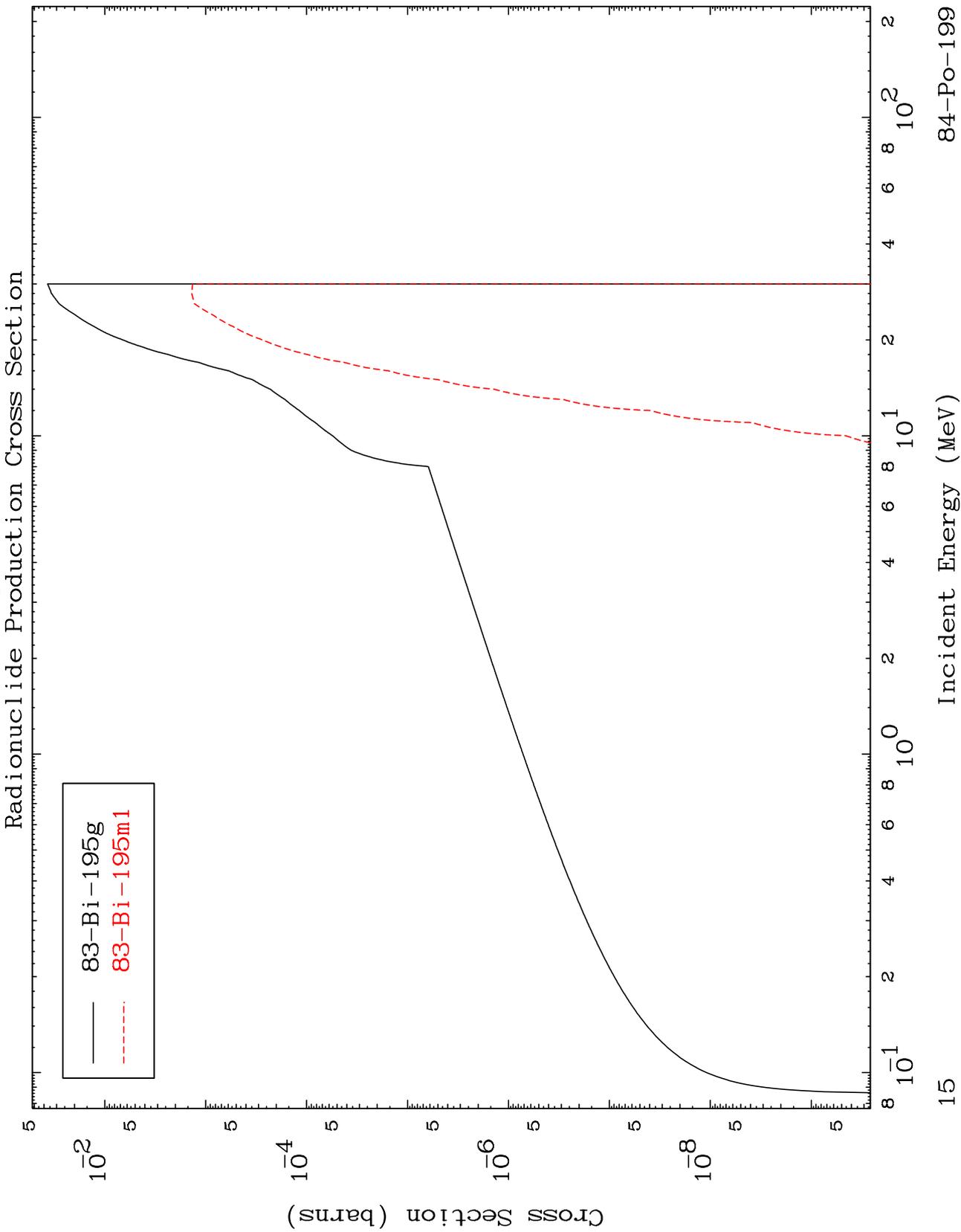
Incident Energy (MeV)

84-Po-199

MAT 8405

(p,n')  $\alpha$

84-Po-199



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

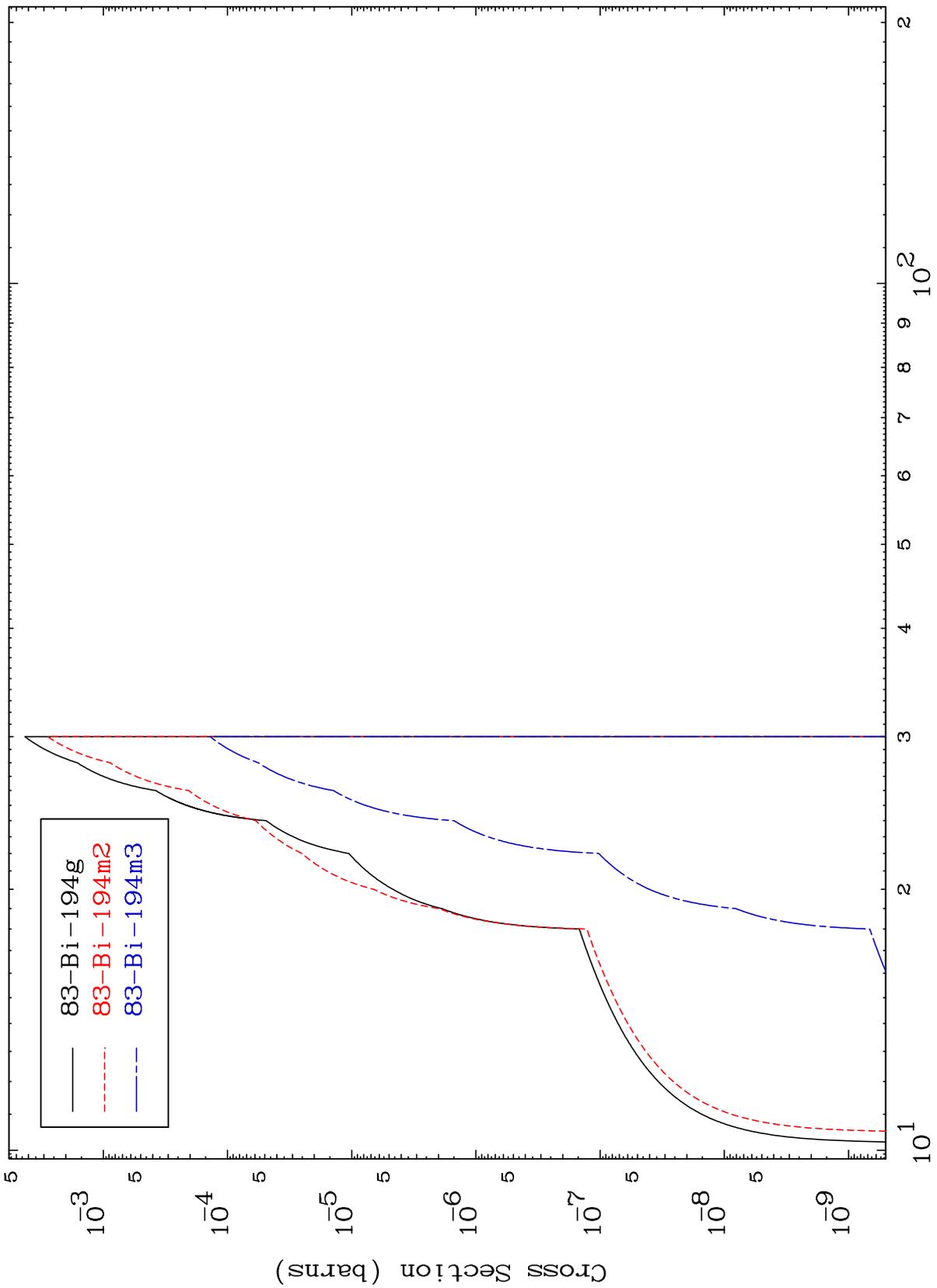
15

MAT 8405

(p,2n)  $\alpha$

84-Po-199

Radionuclide Production Cross Section

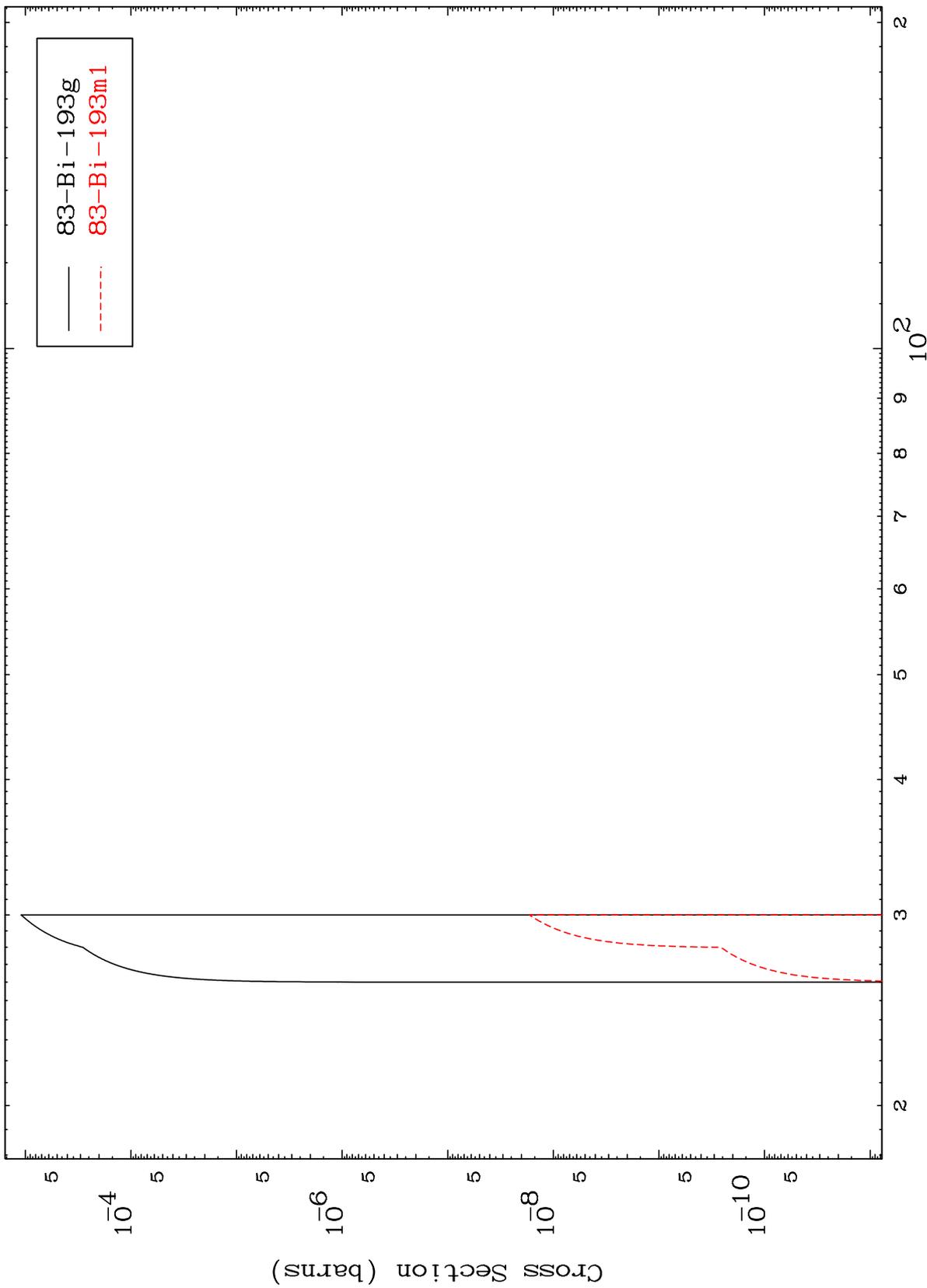


83-Bi-194g  
83-Bi-194m2  
83-Bi-194m3

Incident Energy (MeV)

84-Po-199

Radionuclide Production Cross Section

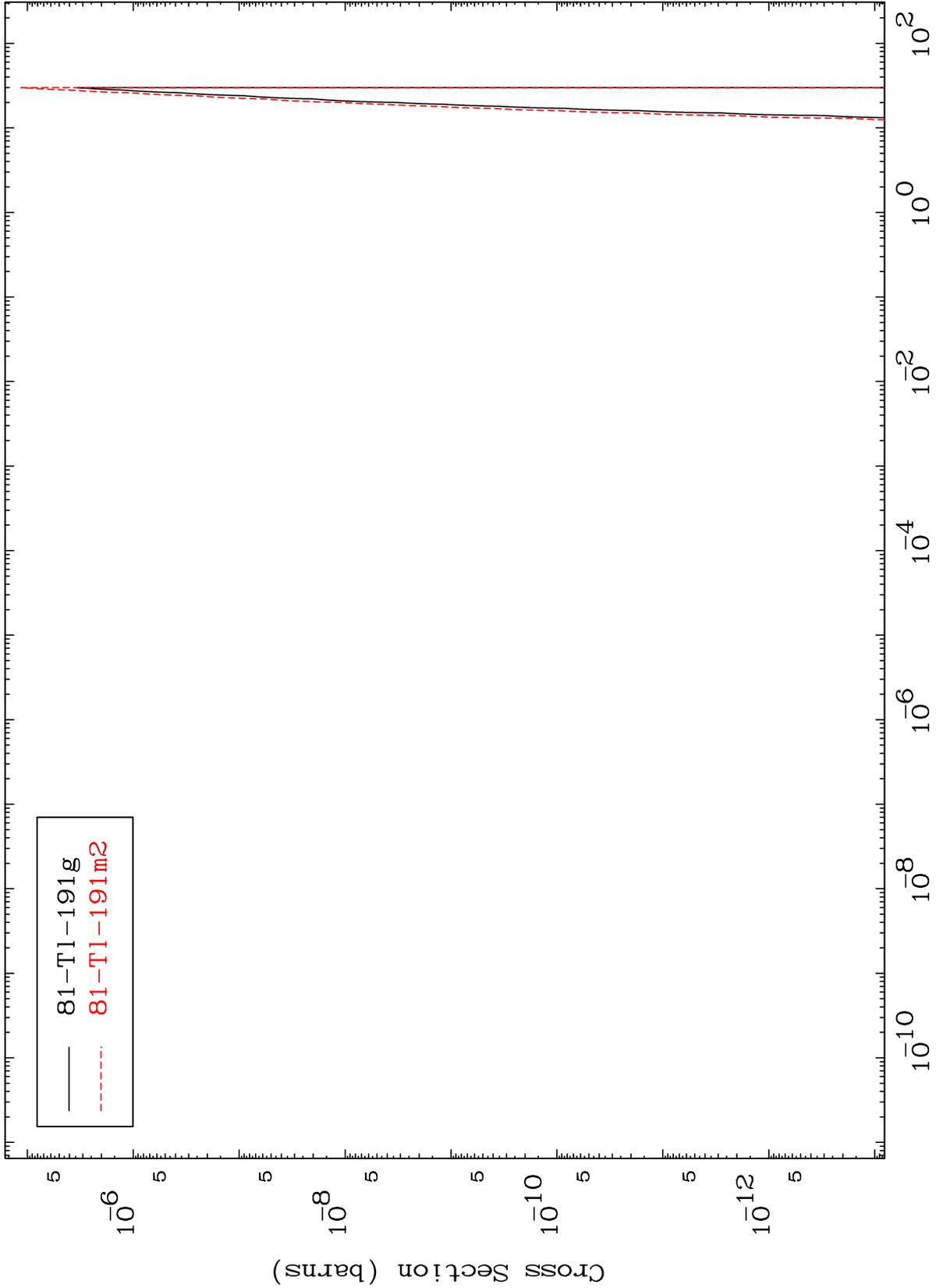


MAT 8405

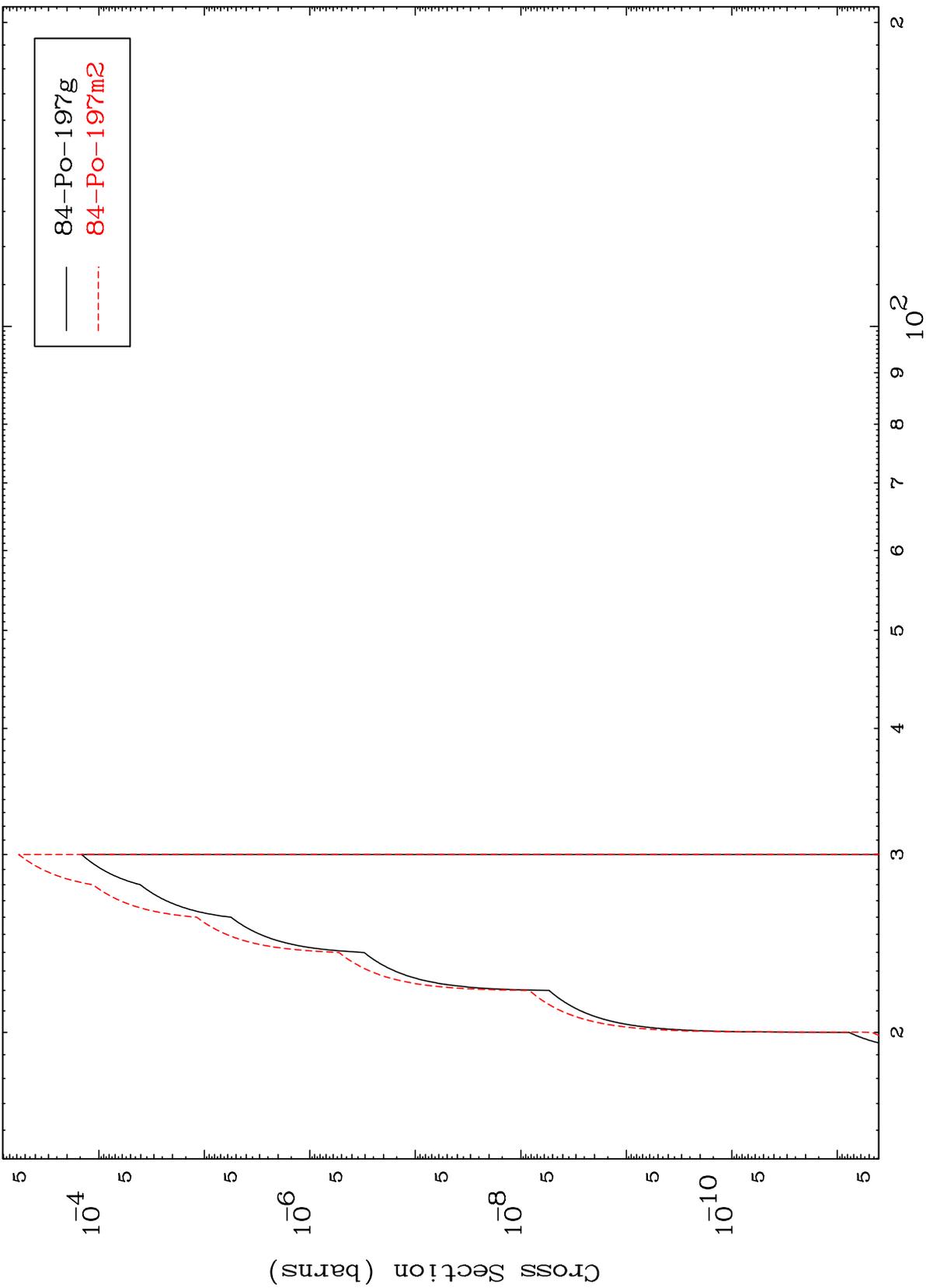
(p,n')  $2\alpha$

84-Po-199

Radionuclide Production Cross Section



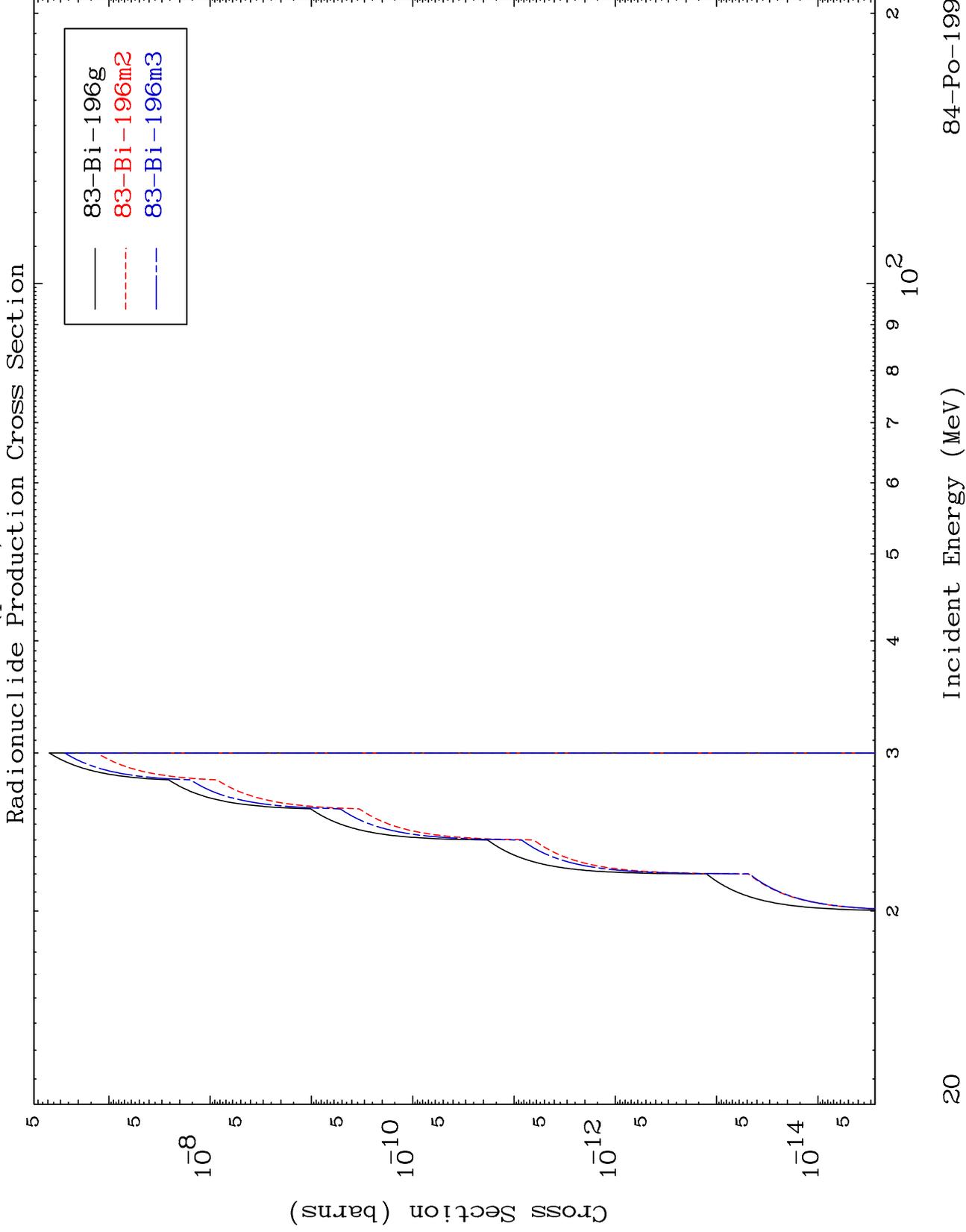
(p,n') d  
Radionuclide Production Cross Section



MAT 8405

(p,n') He-3

84-Po-199



20

Incident Energy (MeV)

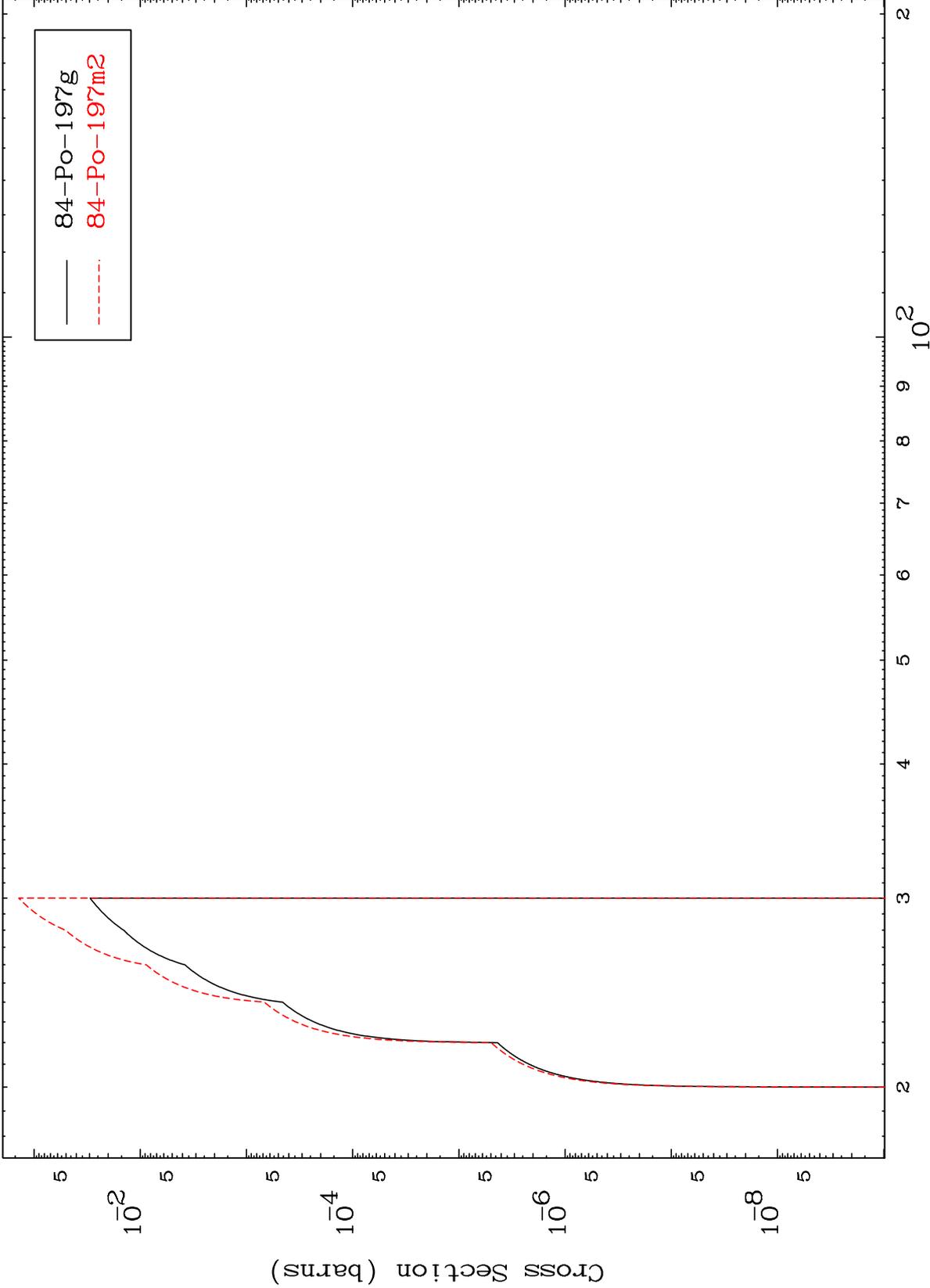
84-Po-199

MAT 8405

(p,2n) p

84-Po-199

Radionuclide Production Cross Section



21

Incident Energy (MeV)

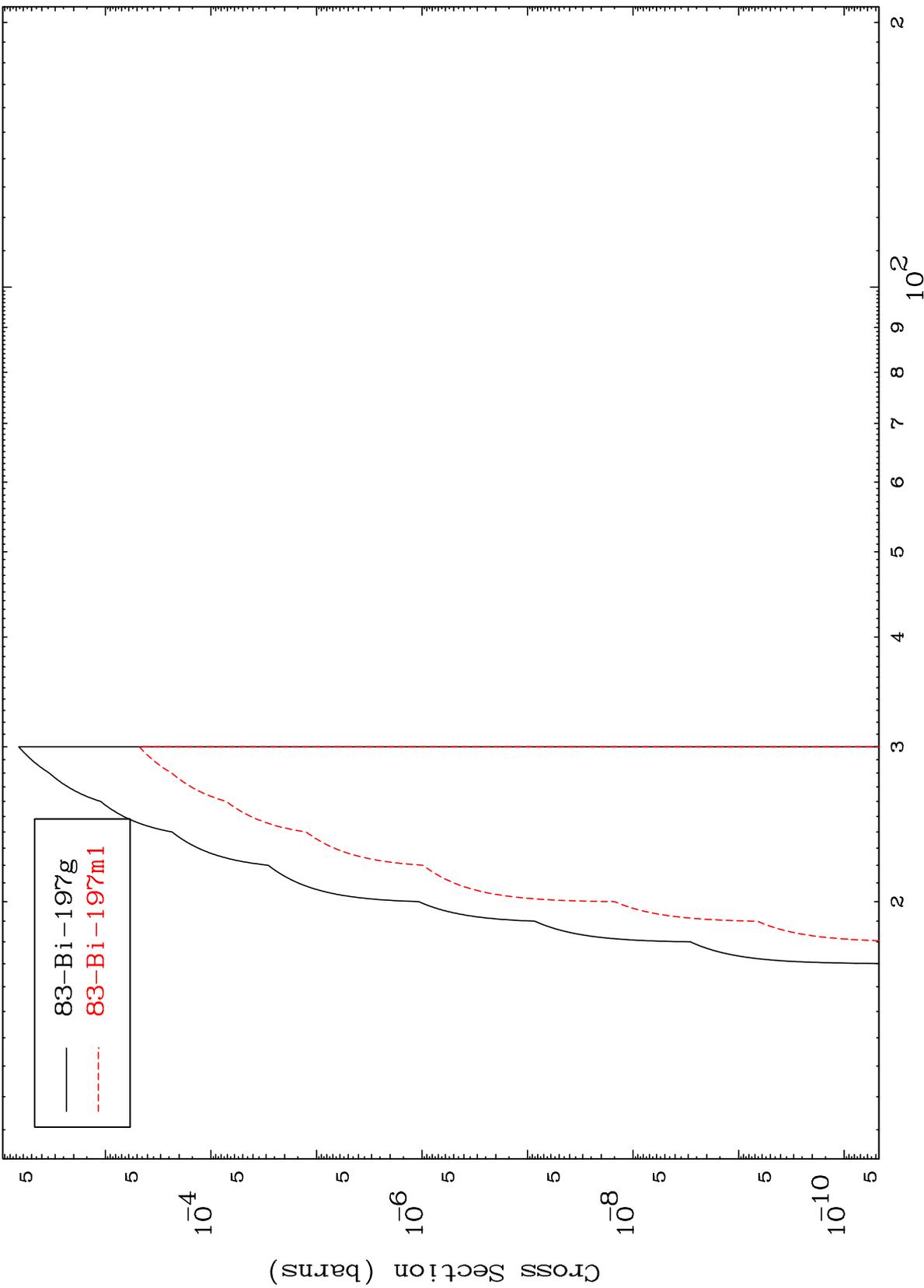
84-Po-199

MAT 8405

(p,2n) p

84-Po-199

Radionuclide Production Cross Section

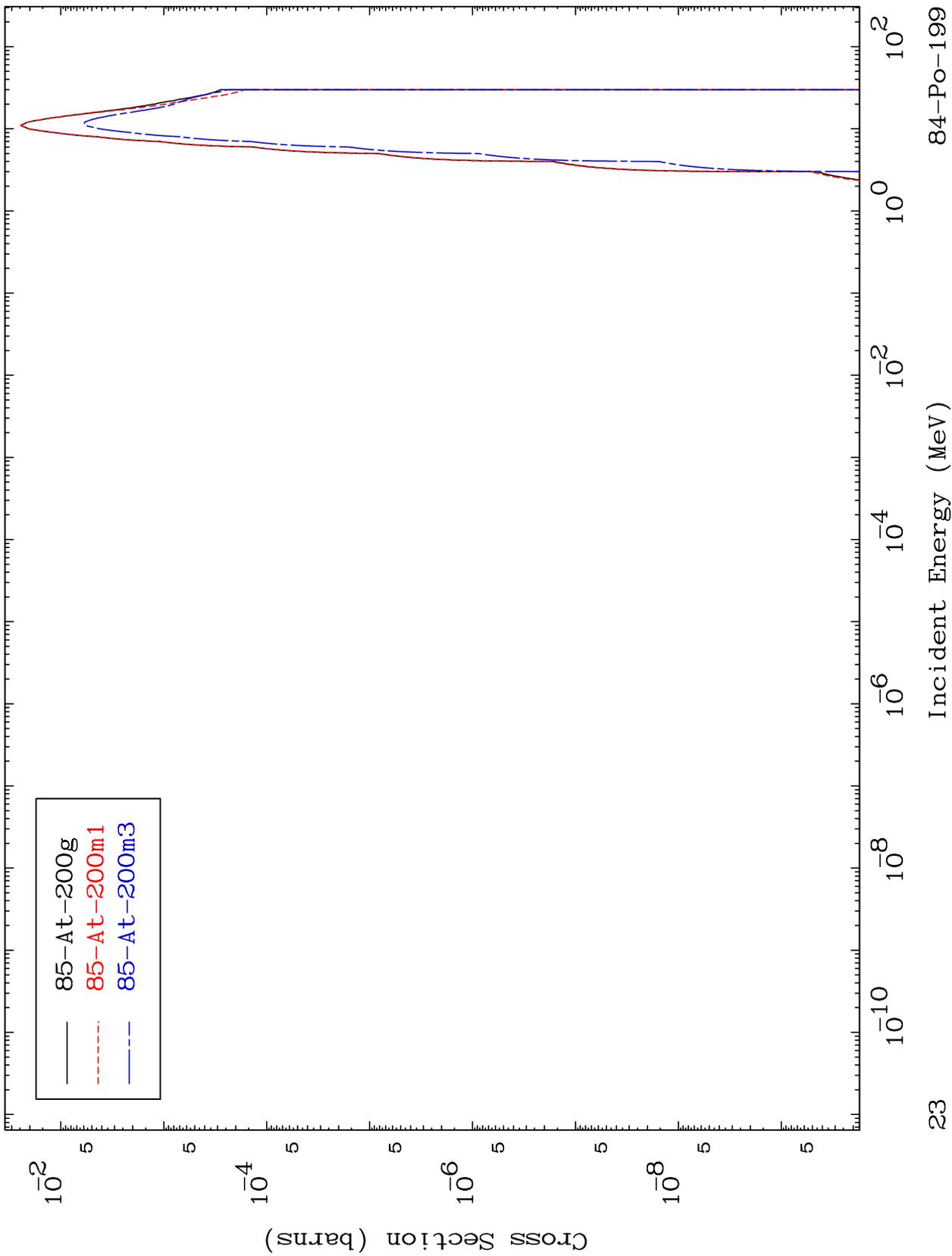


83-Bi-197g  
83-Bi-197m1

MAT 8405

84-Po-199

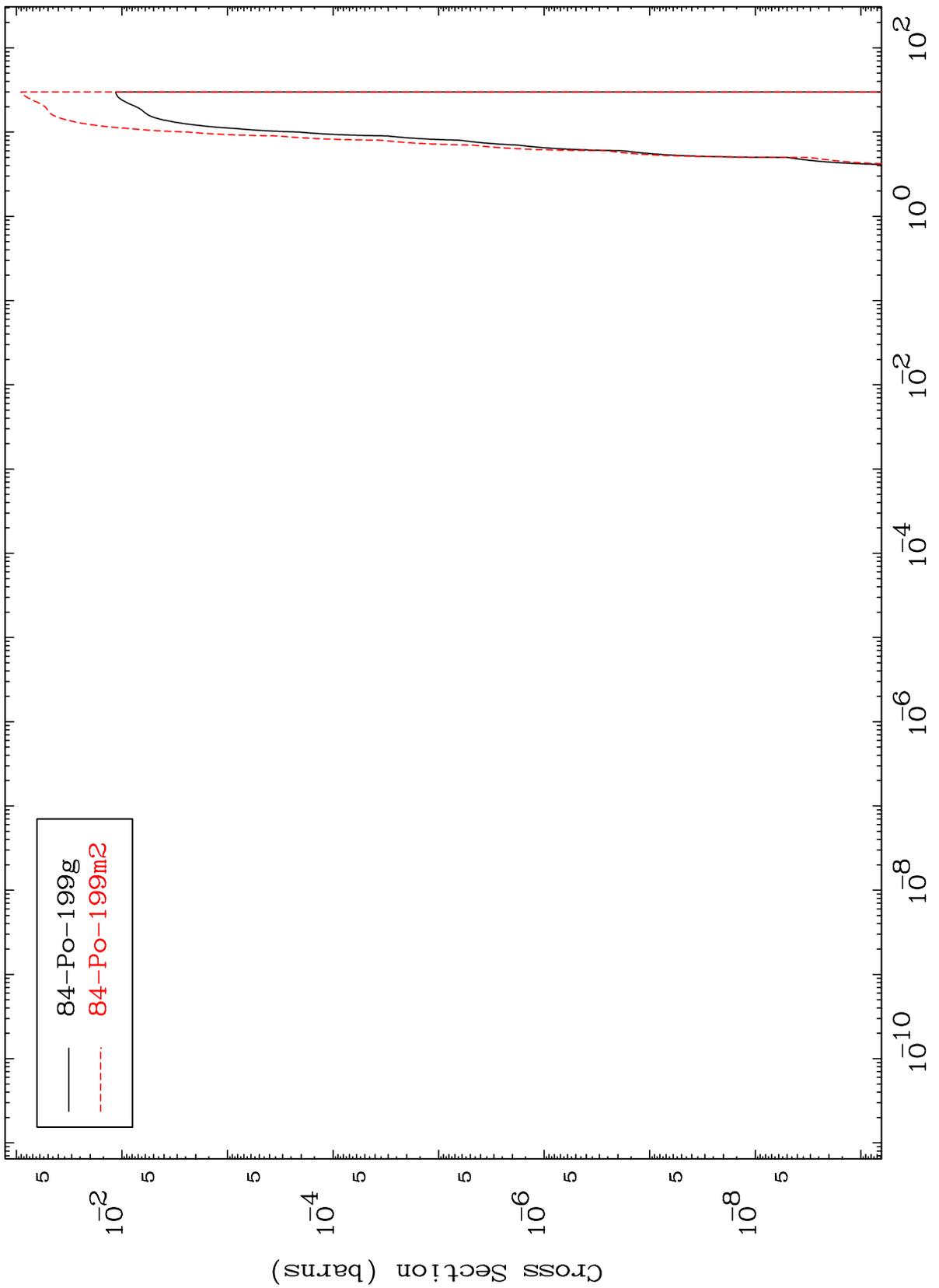
(p,  $\gamma$ )  
Radionuclide Production Cross Section



MAT 8405

(p,p)  
Radionuclide Production Cross Section

84-Po-199



— 84-Po-199g  
- - - 84-Po-199m2

24

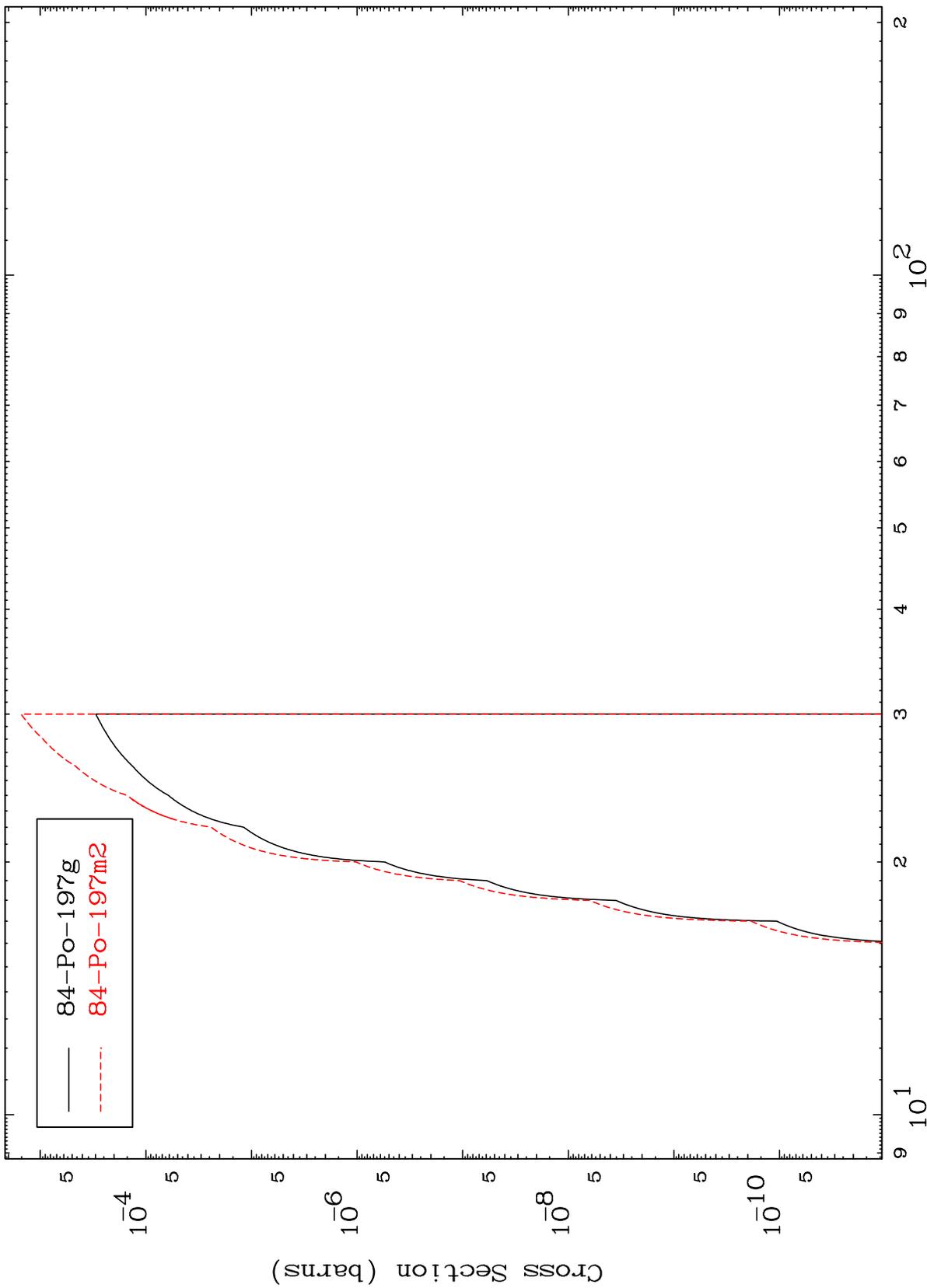
Incident Energy (MeV)

84-Po-199

MAT 8405

84-Po-199

(p, t)  
Radionuclide Production Cross Section



— 84-Po-197g  
- - - 84-Po-197m2

84-Po-199

Incident Energy (MeV)

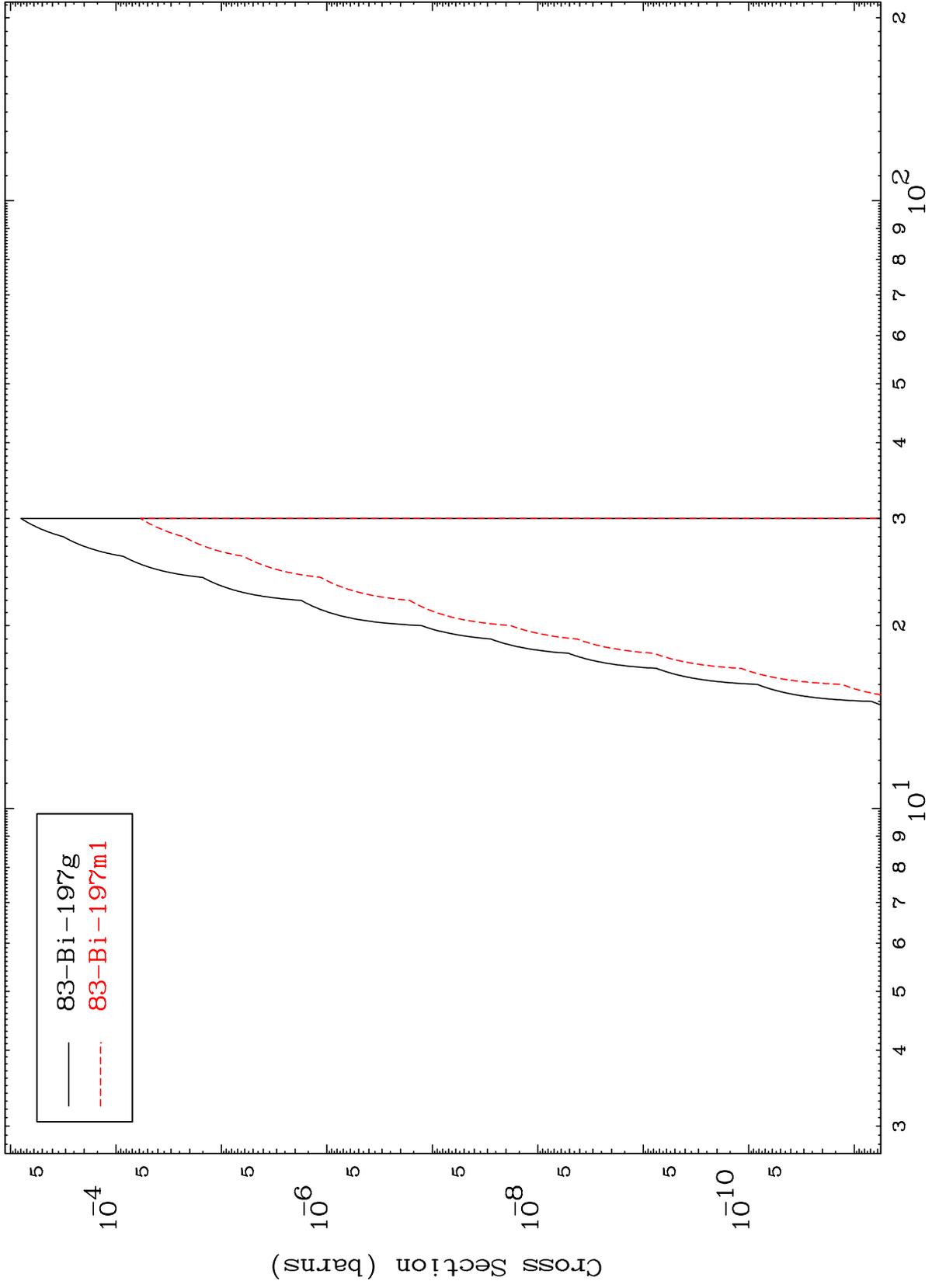
25

MAT 8405

(p,He-3)

84-Po-199

Radionuclide Production Cross Section



26

Incident Energy (MeV)

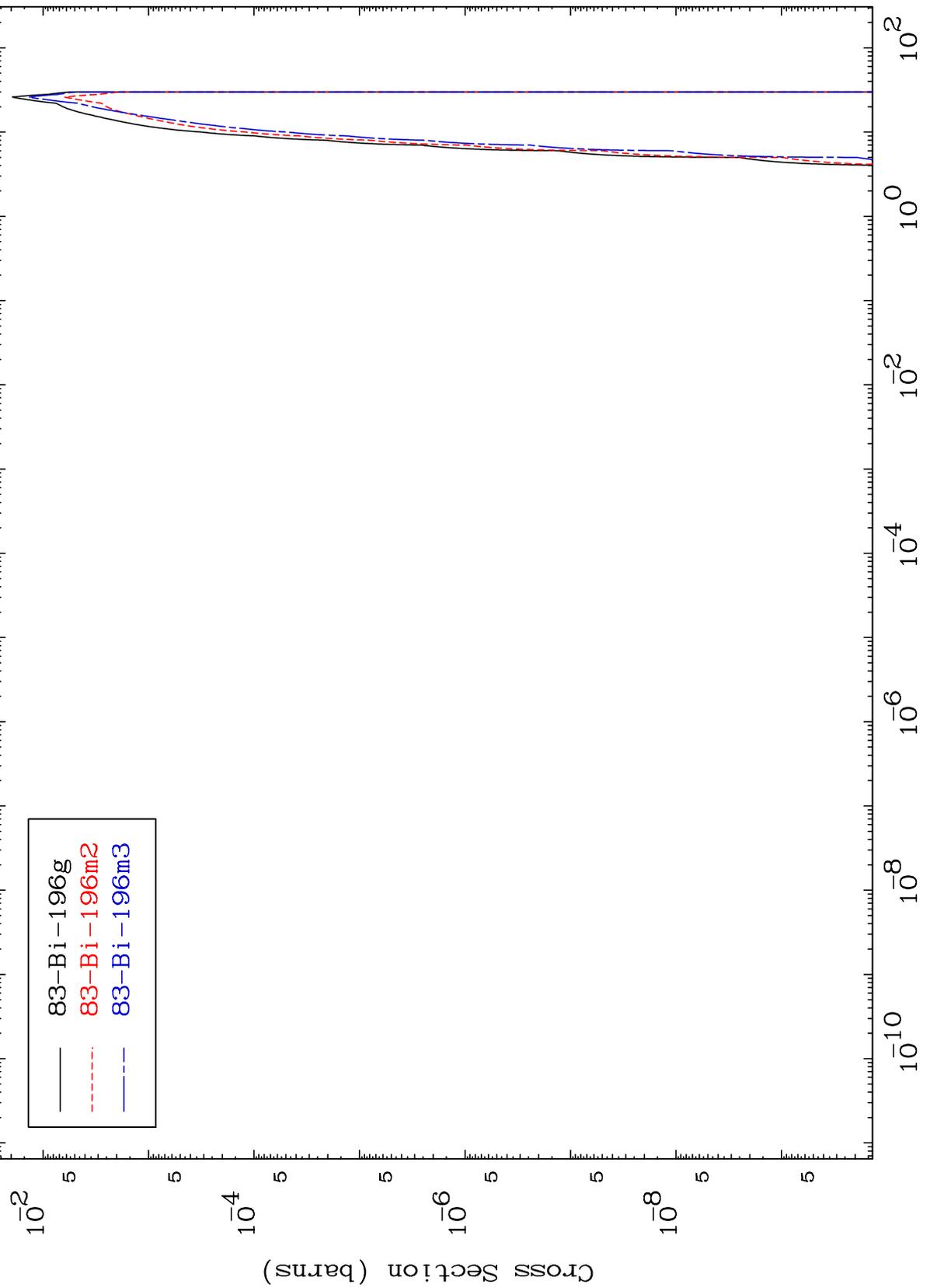
84-Po-199

MAT 8405

(p,  $\alpha$ )

84-Po-199

Radionuclide Production Cross Section

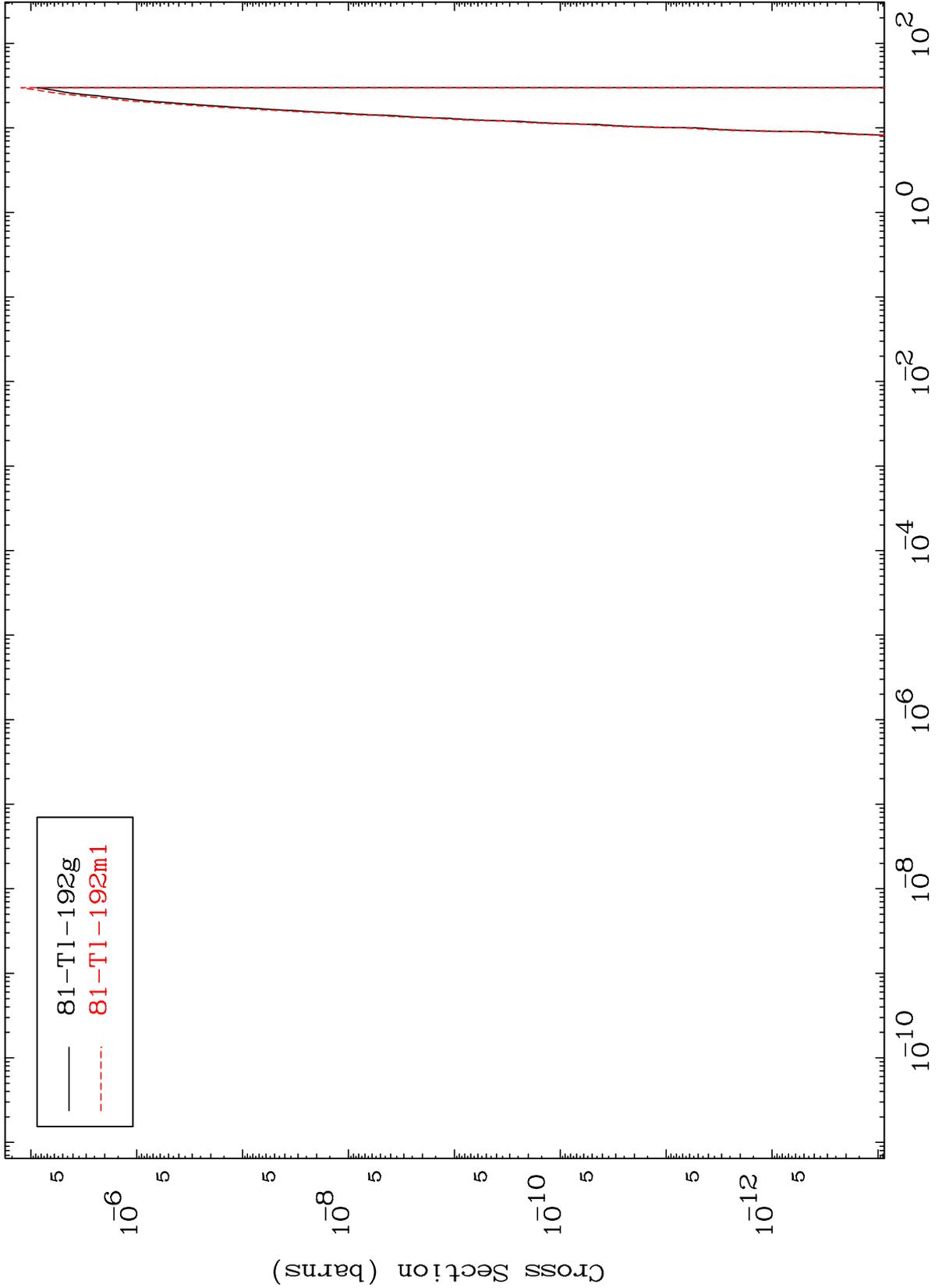


MAT 8405

(p,2α)

84-Po-199

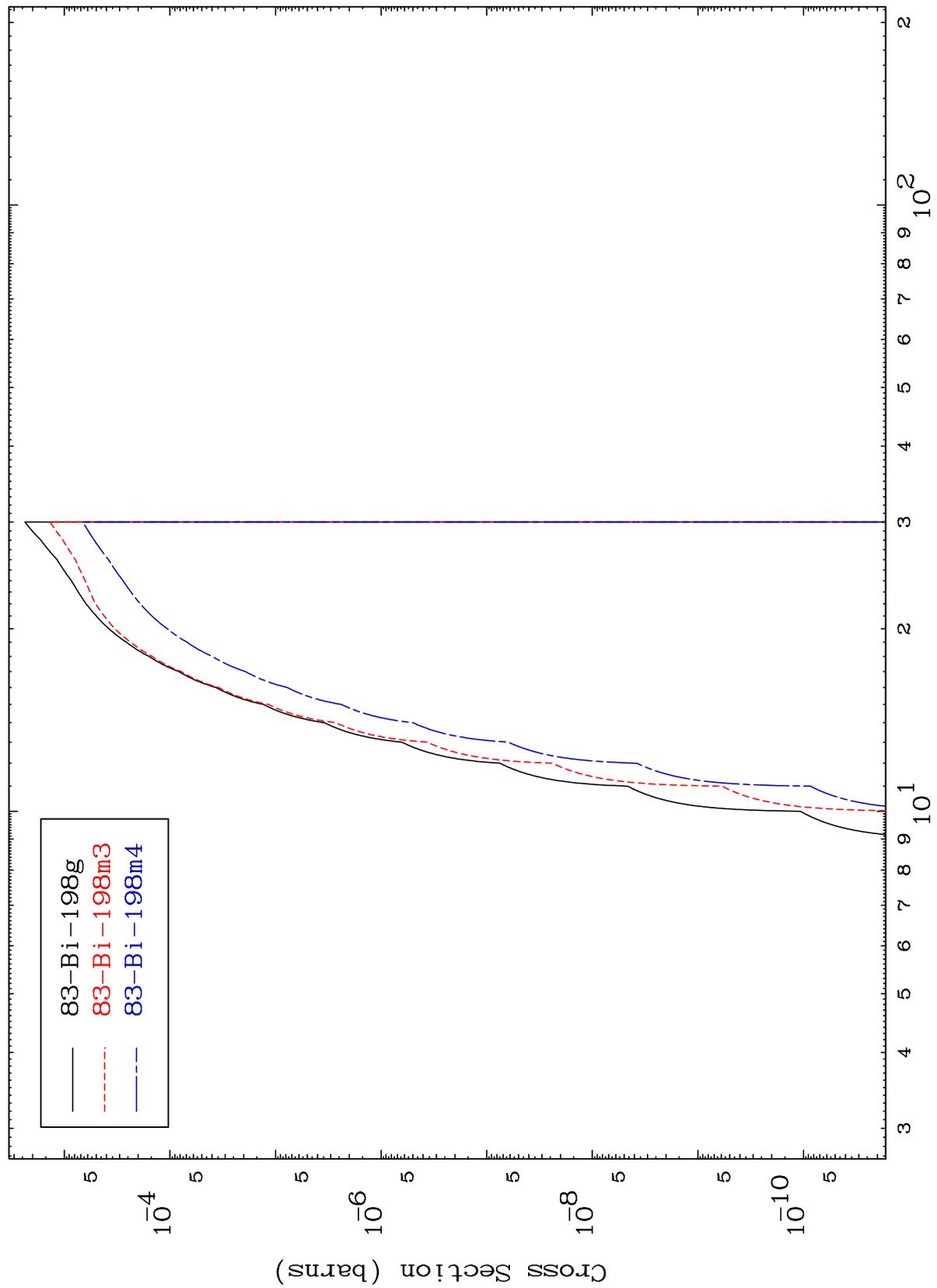
Radionuclide Production Cross Section



MAT 8405

84-Po-199

Radionuclide Production Cross Section  
(p,2p)



29

Incident Energy (MeV)

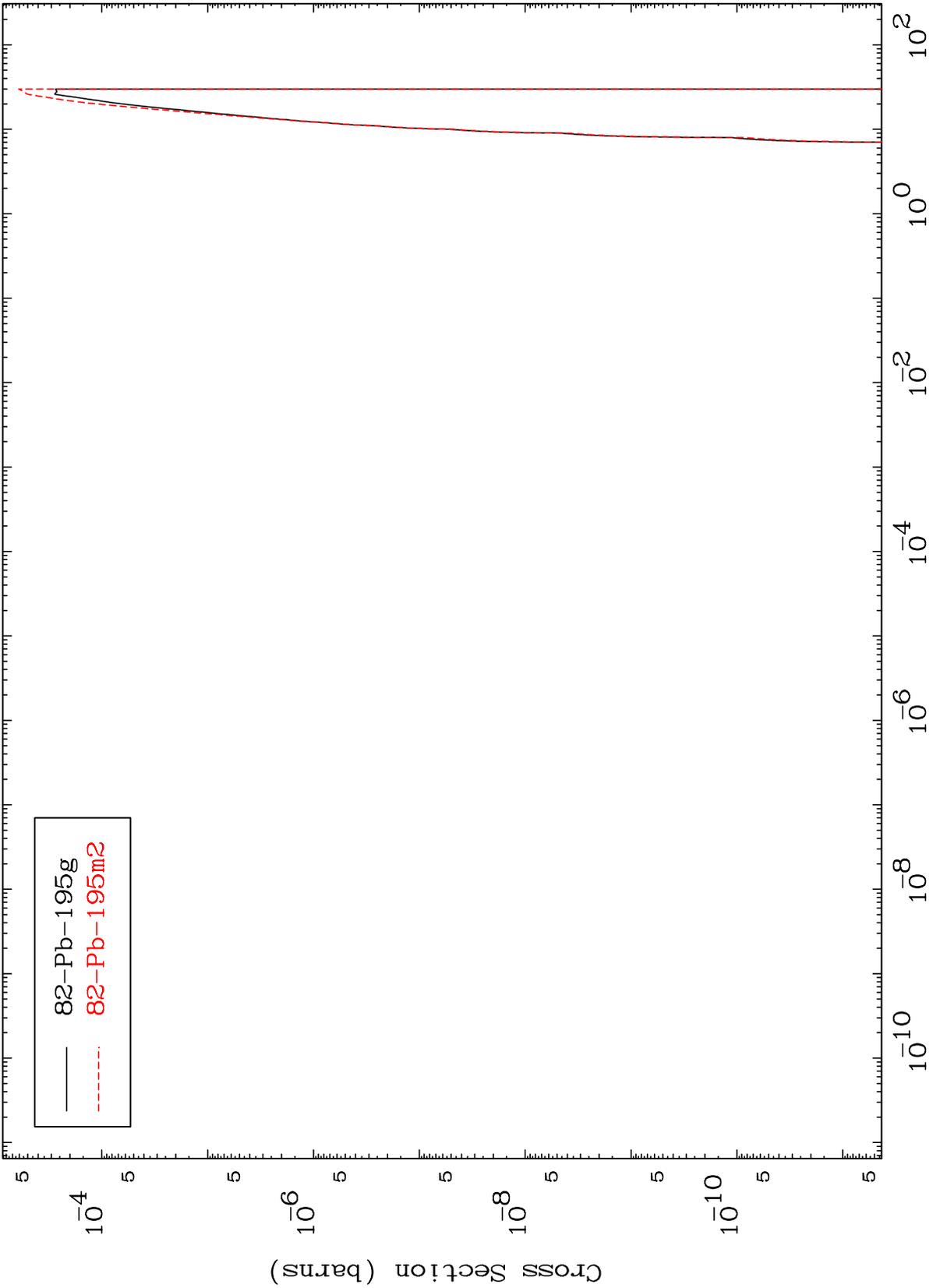
84-Po-199

MAT 8405

(p,p)  $\alpha$

84-Po-199

Radionuclide Production Cross Section



30

Incident Energy (MeV)

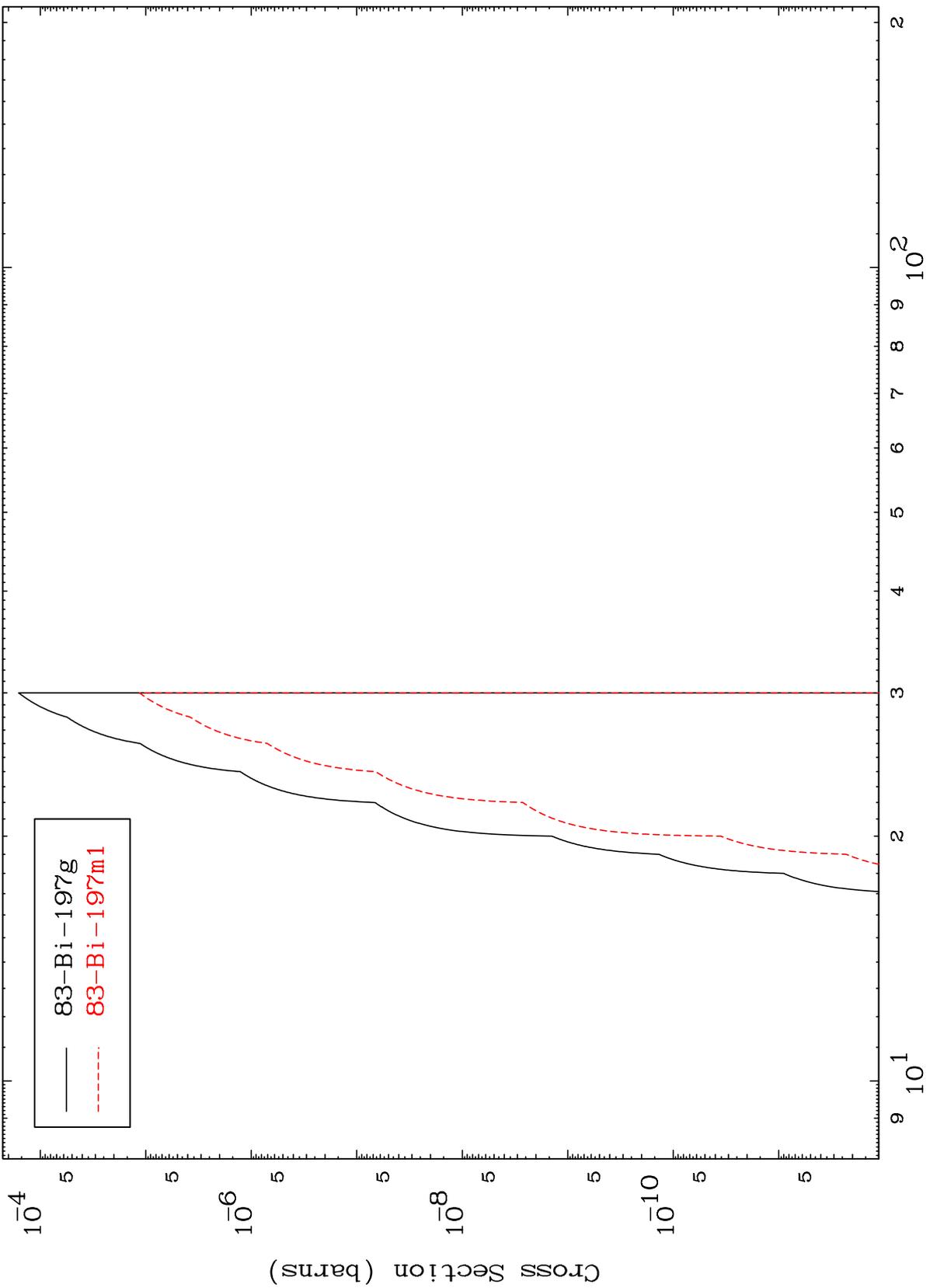
84-Po-199

MAT 8405

(p,p) d

84-Po-199

Radionuclide Production Cross Section



83-Bi-197g  
83-Bi-197m1

31

Incident Energy (MeV)

84-Po-199

