

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

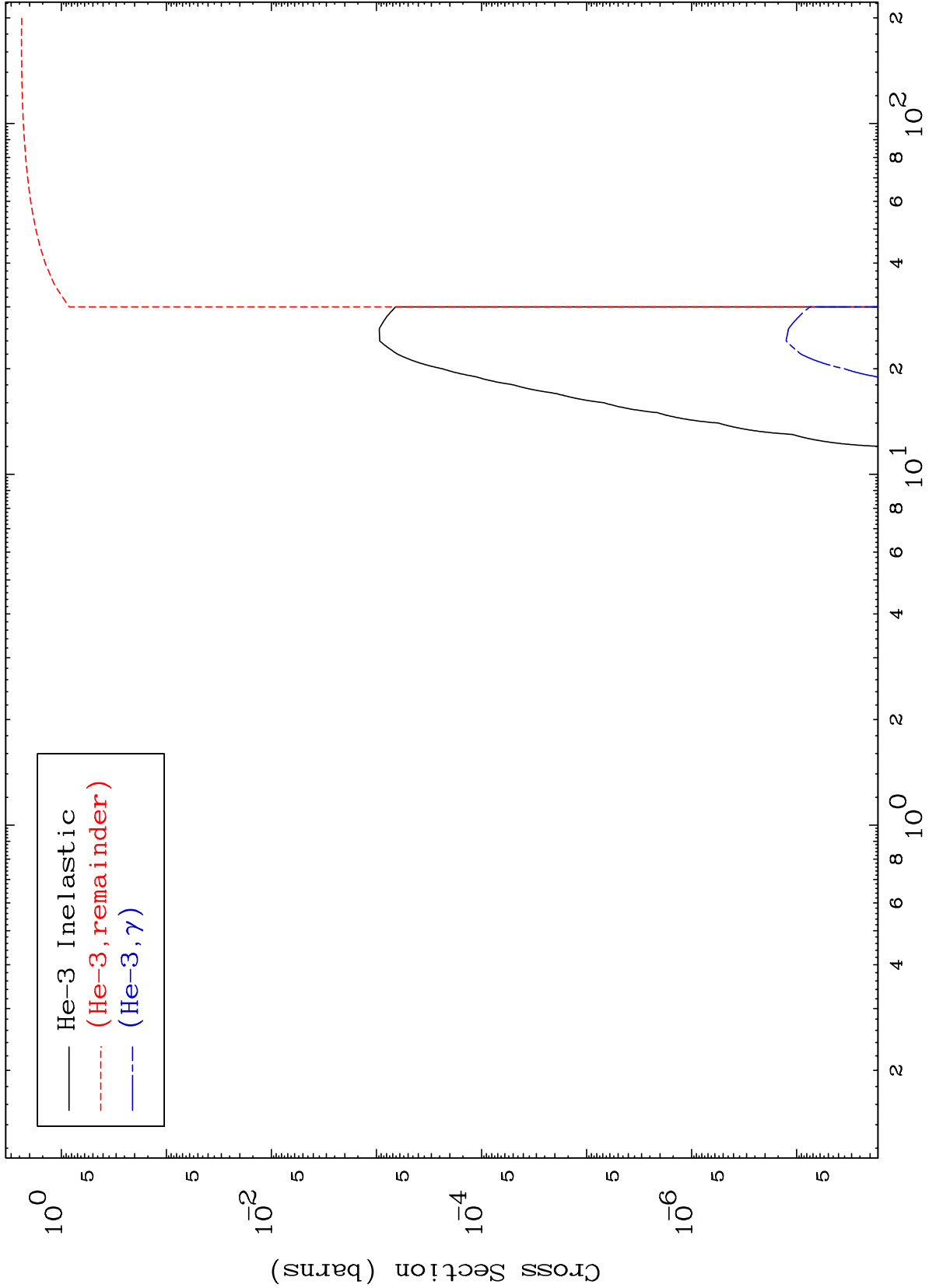
Press Mouse Button to Start

MAT 8405

He-3 Major

84-Po-199

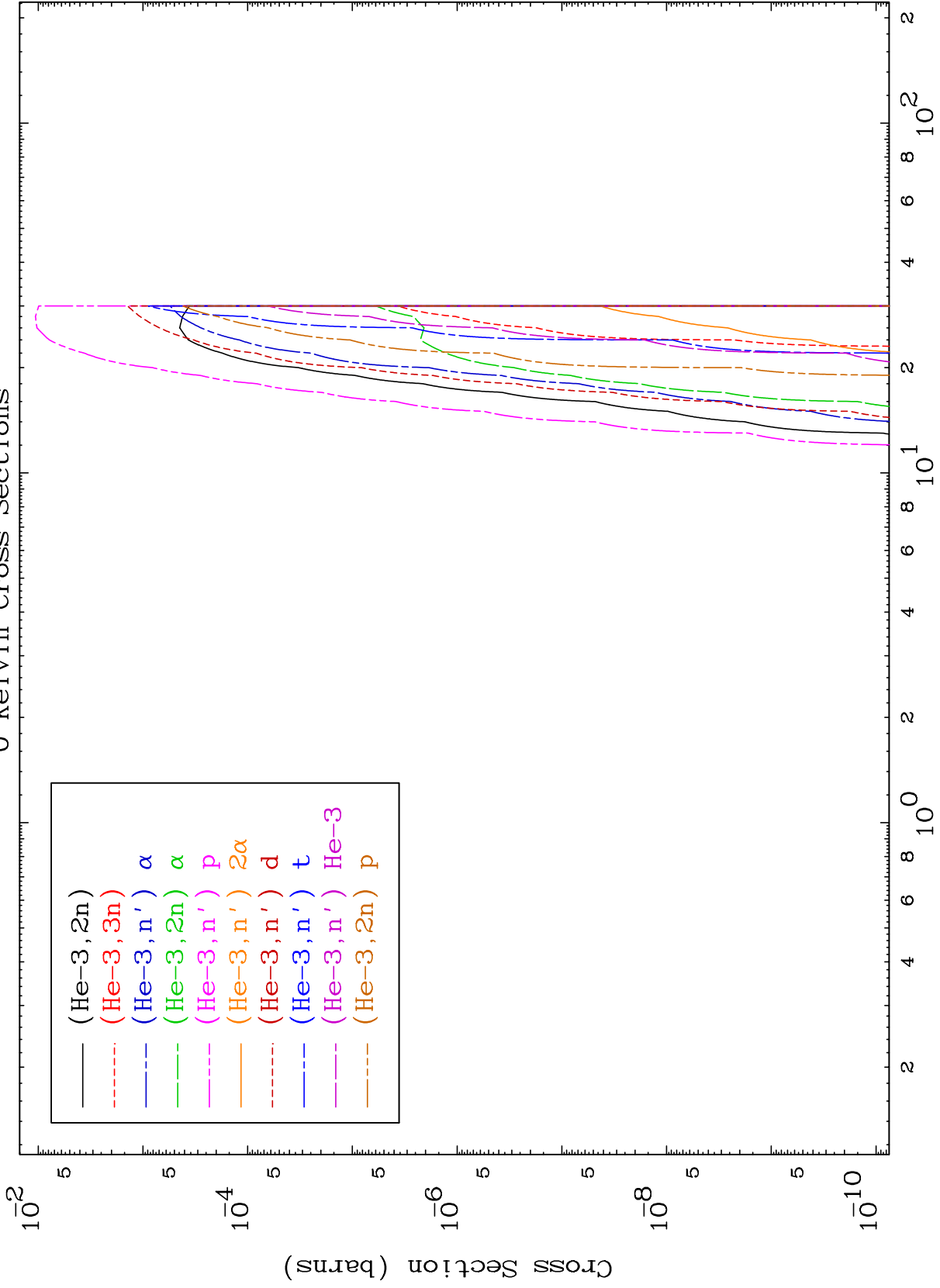
0 Kelvin Cross Sections



MAT 8405

He-3 Neutron Production  
0 Kelvin Cross Sections

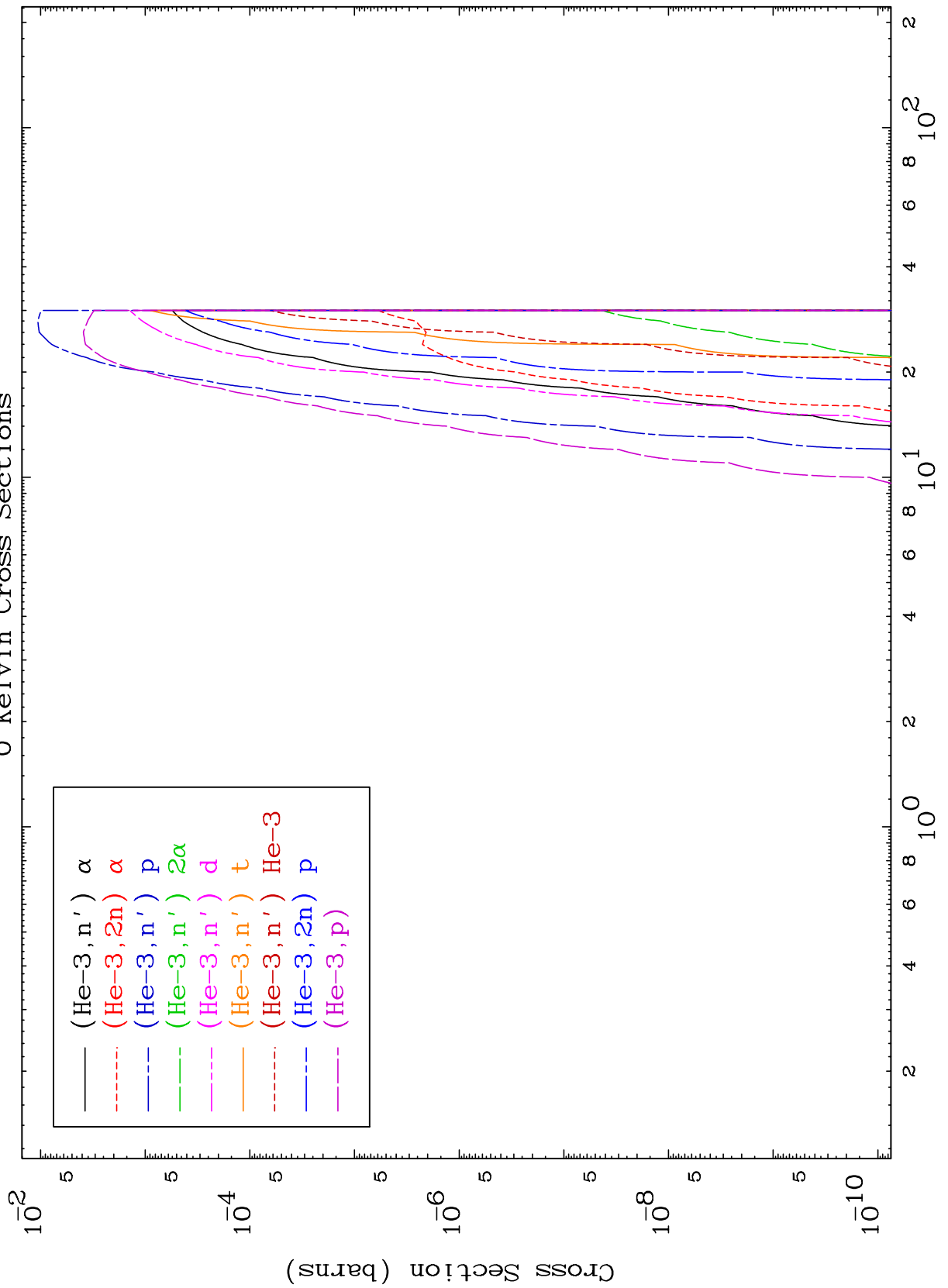
84-Po-199



MAT 8405

He-3 Charged Particle  
0 Kelvin Cross Sections

84-Po-199

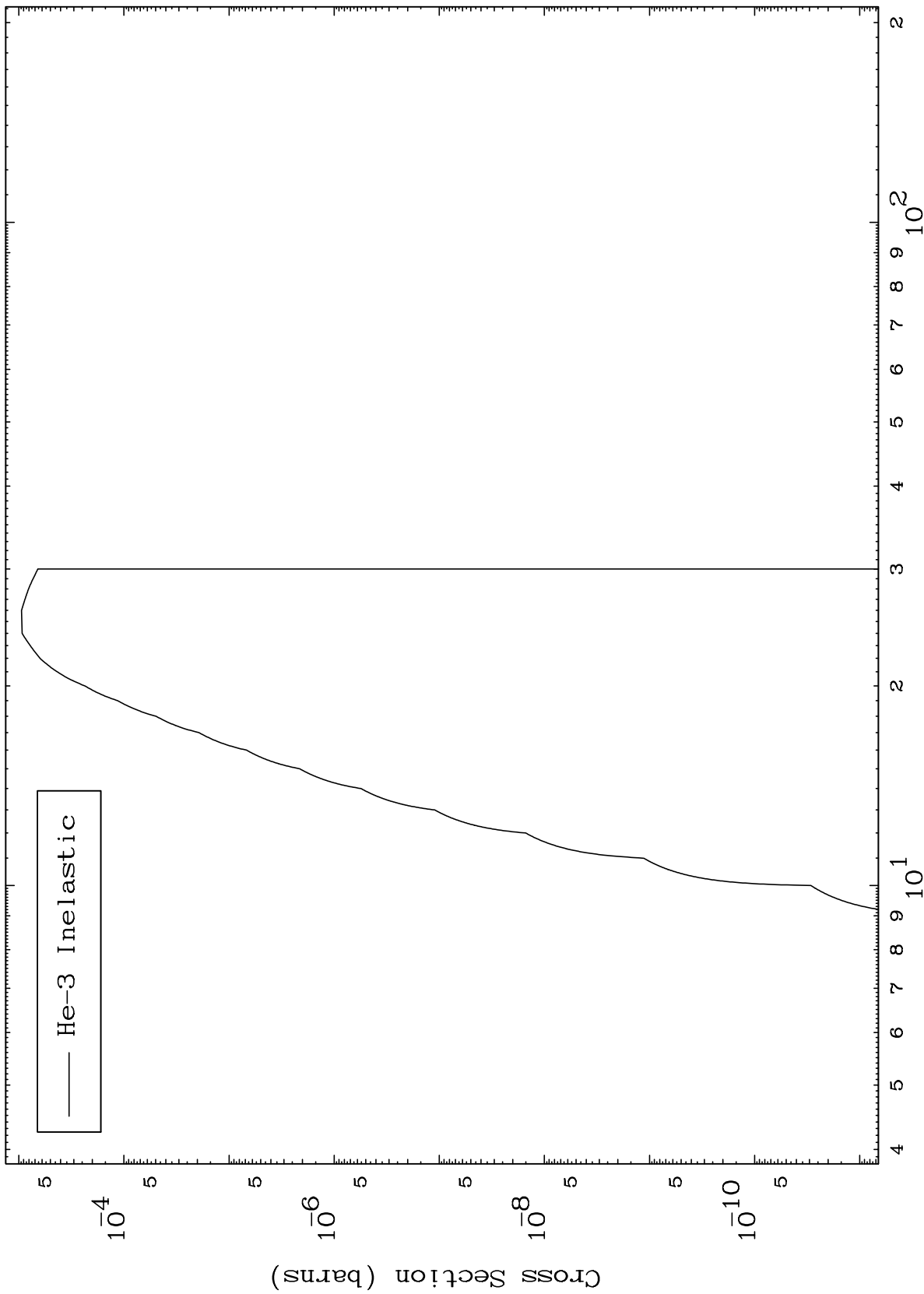




MAT 8405

84-Po-199

(He-3, n') Level  
0 Kelvin Cross Sections



84-Po-199

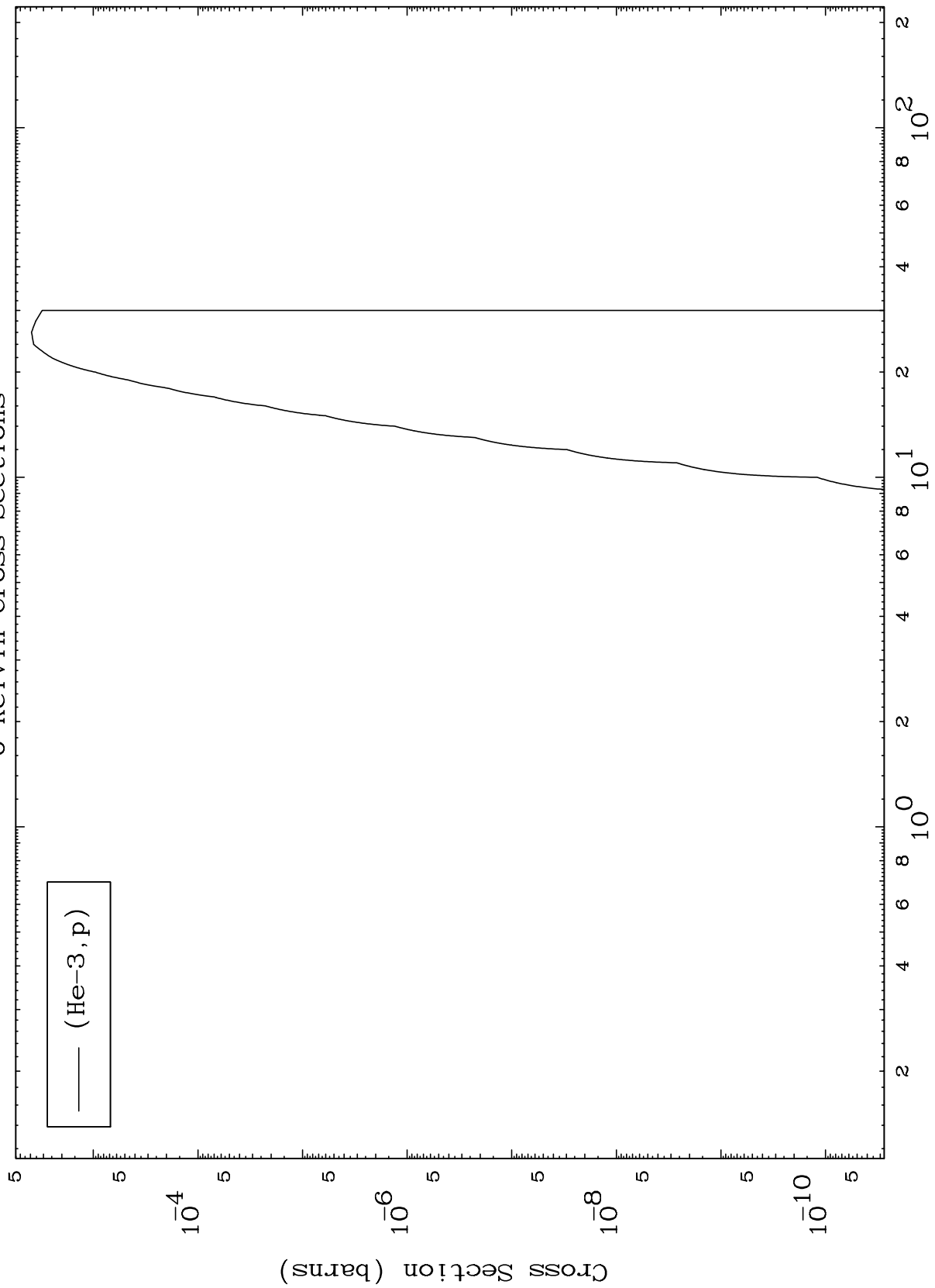
Incident Energy (MeV)

5

MAT 8405

84-Po-199

(He-3,p) Levels  
0 Kelvin Cross Sections

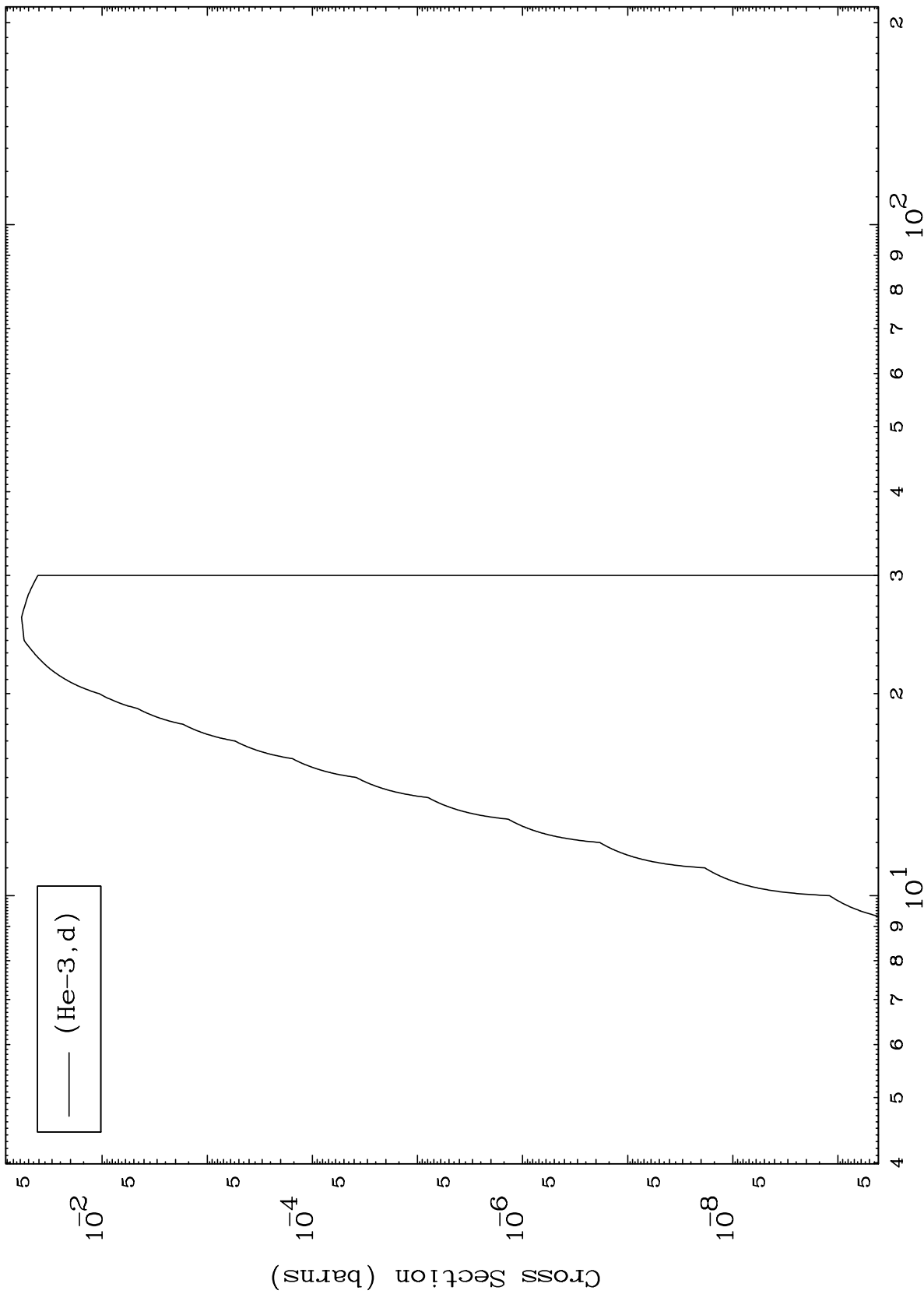


84-Po-199

Incident Energy (MeV)

6

(He-3,d) Levels  
0 Kelvin Cross Sections

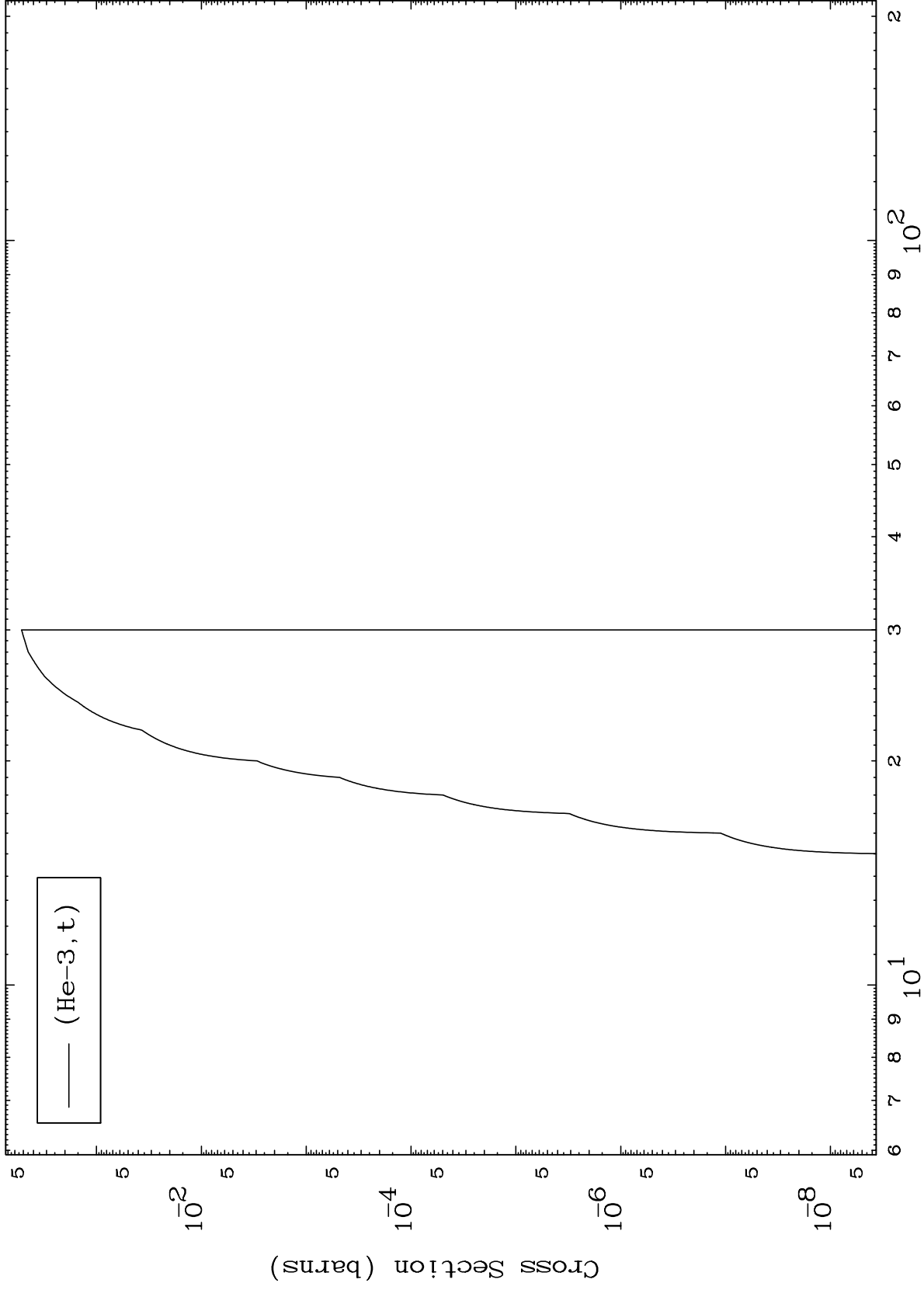




MAT 8405

(He-3, t) Levels  
0 Kelvin Cross Sections

84-Po-199

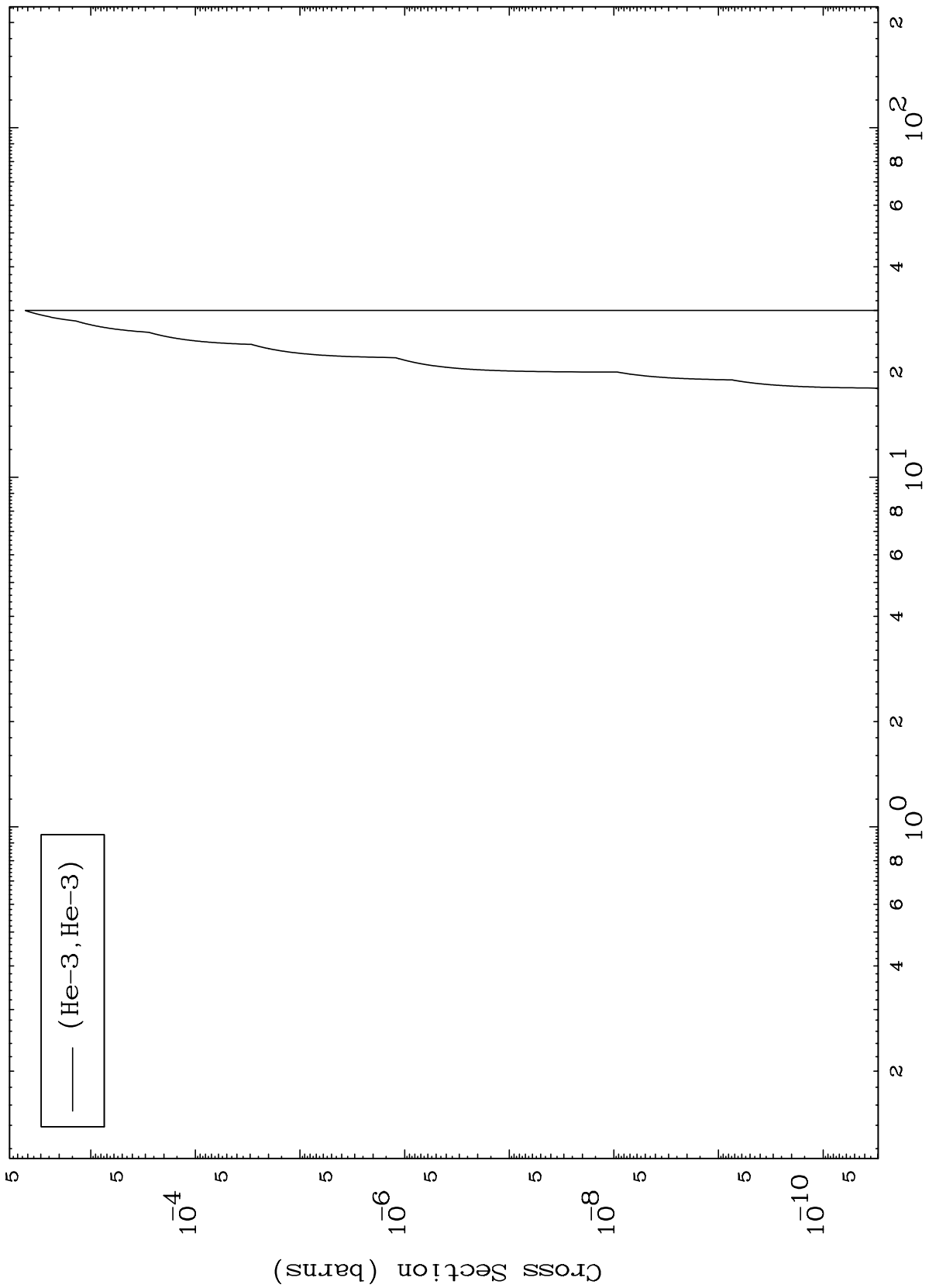


8

Incident Energy (MeV)

84-Po-199

0 Kelvin Cross Sections



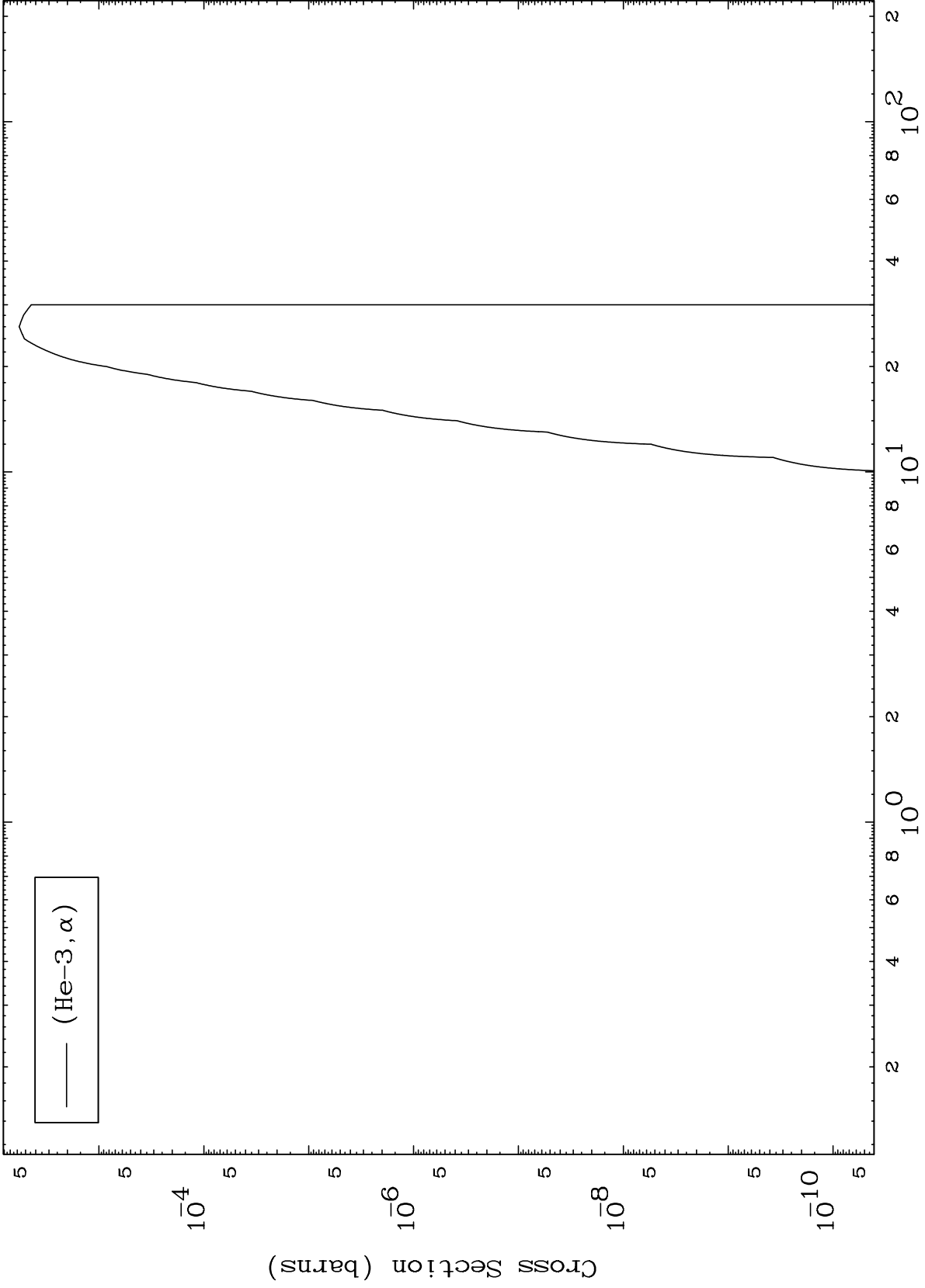
(He-3, He-3)

MAT 8405

(He-3,  $\alpha$ ) Levels

84-Po-199

0 Kelvin Cross Sections



10

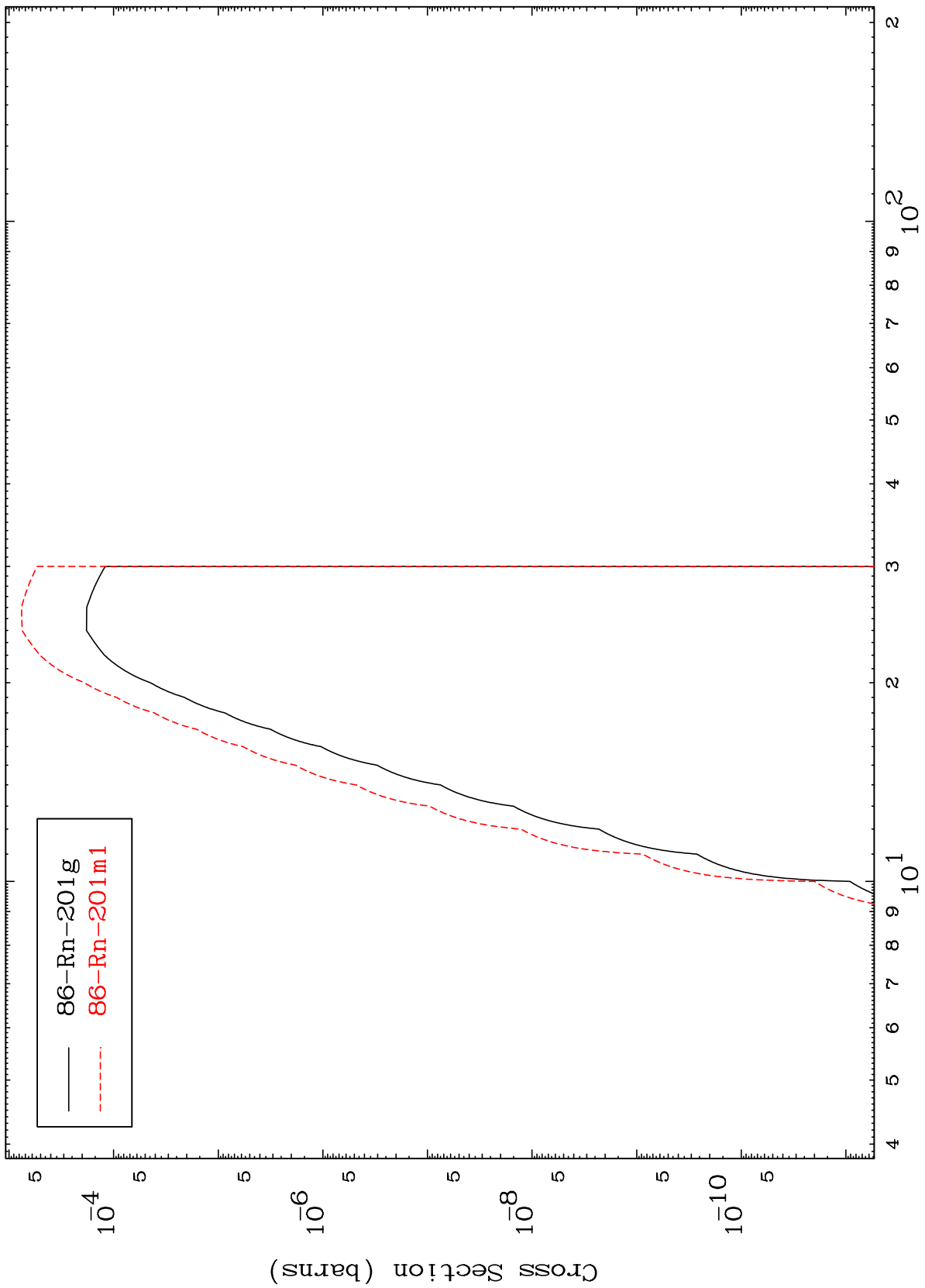
Incident Energy (MeV)

84-Po-199

MAT 8405

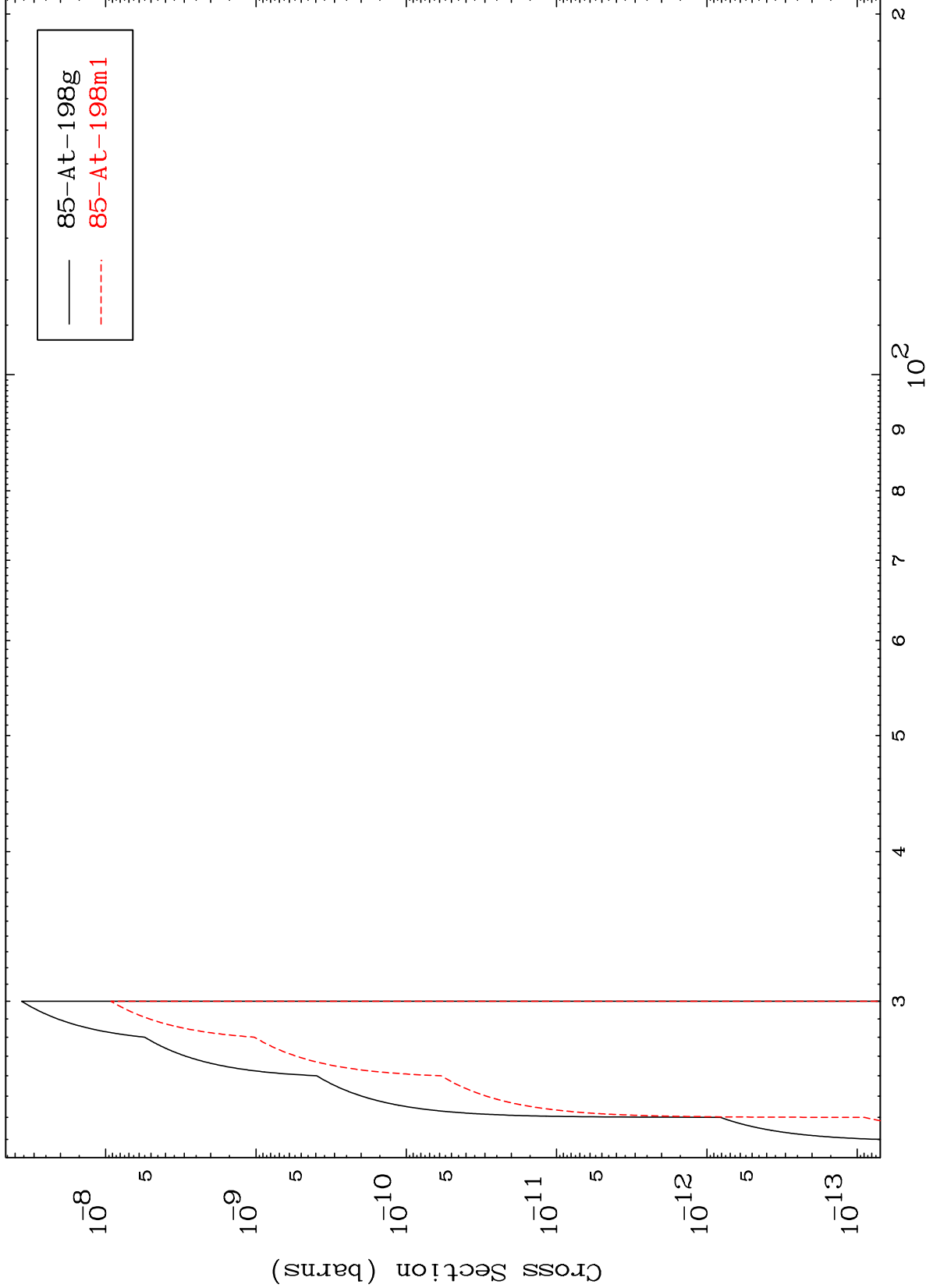
He-3 Inelastic  
Radionuclide Production Cross Section

84-Po-199



84-Po-199

Radionuclide Production Cross Section



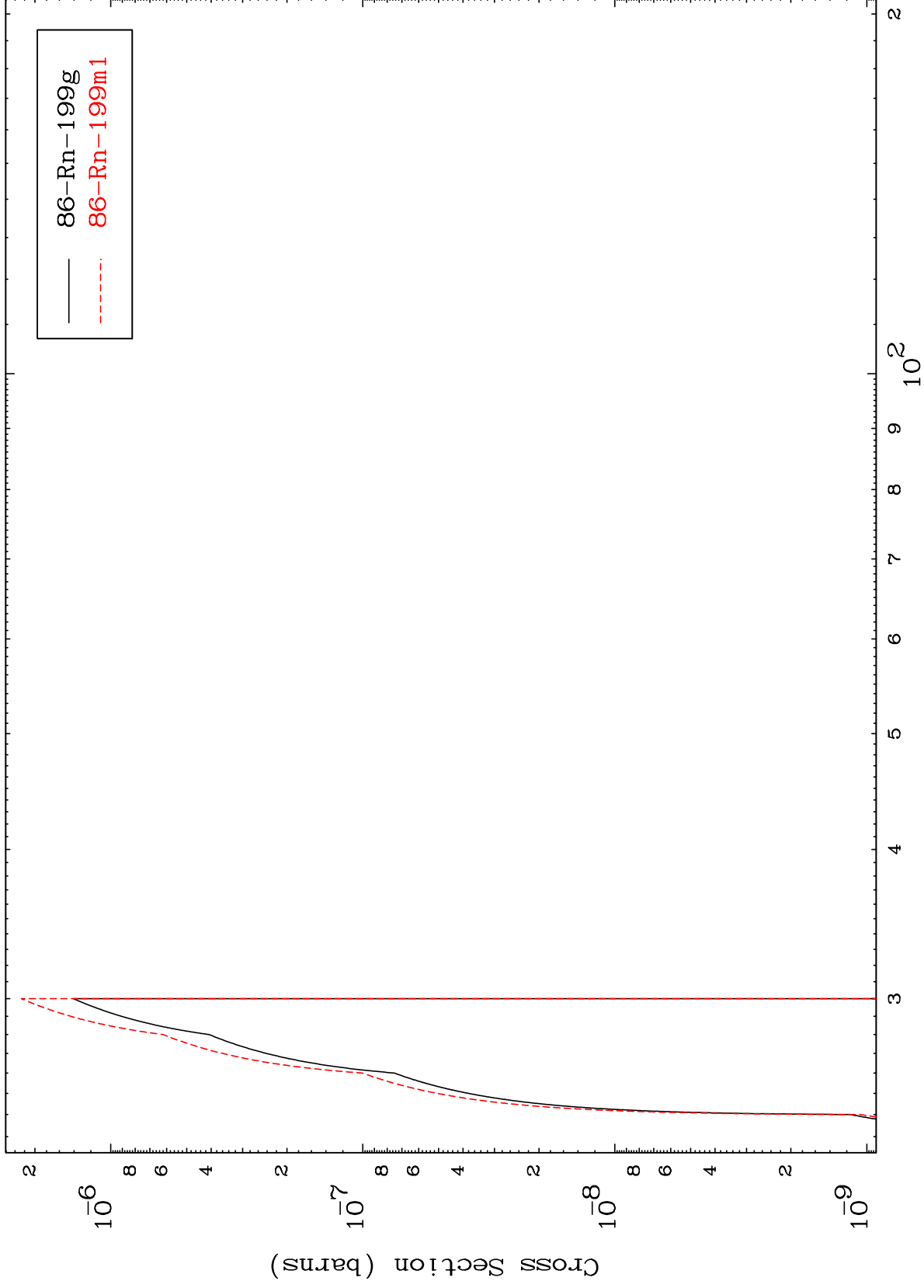
85-At-198g  
85-At-198m1

MAT 8405

(He-3,3n)

84-Po-199

Radionuclide Production Cross Section



13

Incident Energy (MeV)

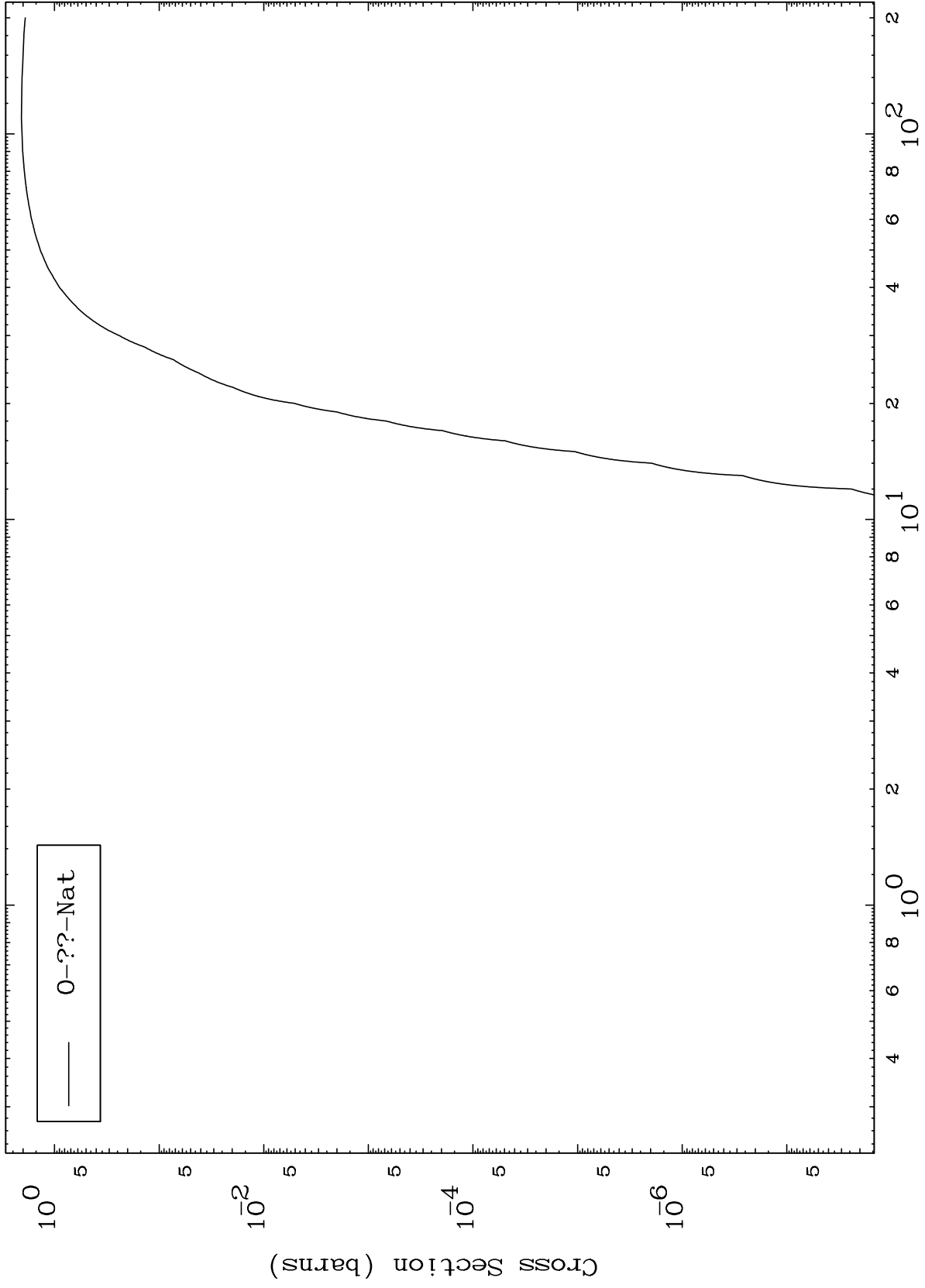
84-Po-199

MAT 8405

He-3 Fission

84-Po-199

Radionuclide Production Cross Section



14

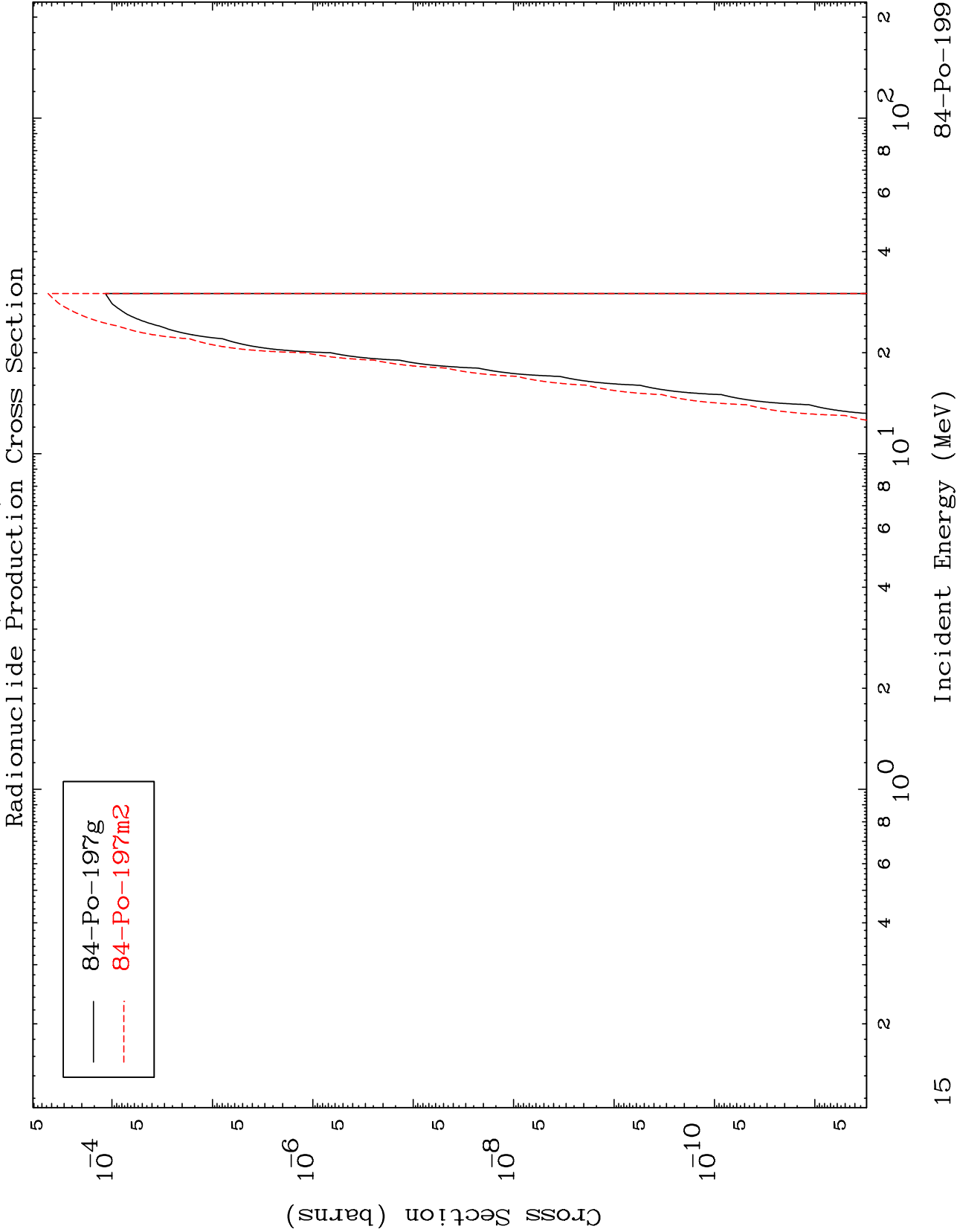
Incident Energy (MeV)

84-Po-199

MAT 8405

(He-3, n')  $\alpha$

84-Po-199



15

84-Po-199

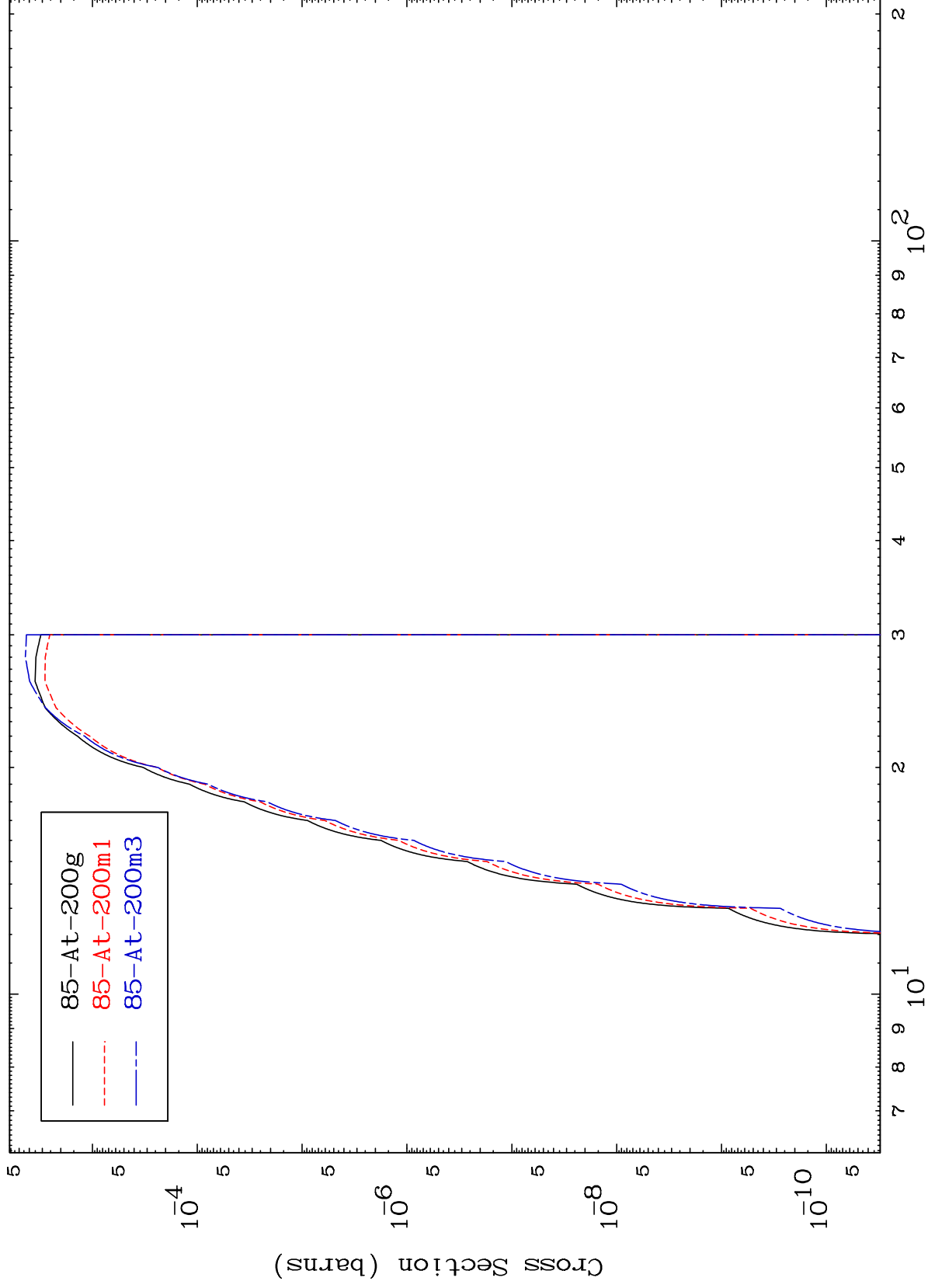


MAT 8405

(He-3, n') p

84-Po-199

Radionuclide Production Cross Section



16

Incident Energy (MeV)

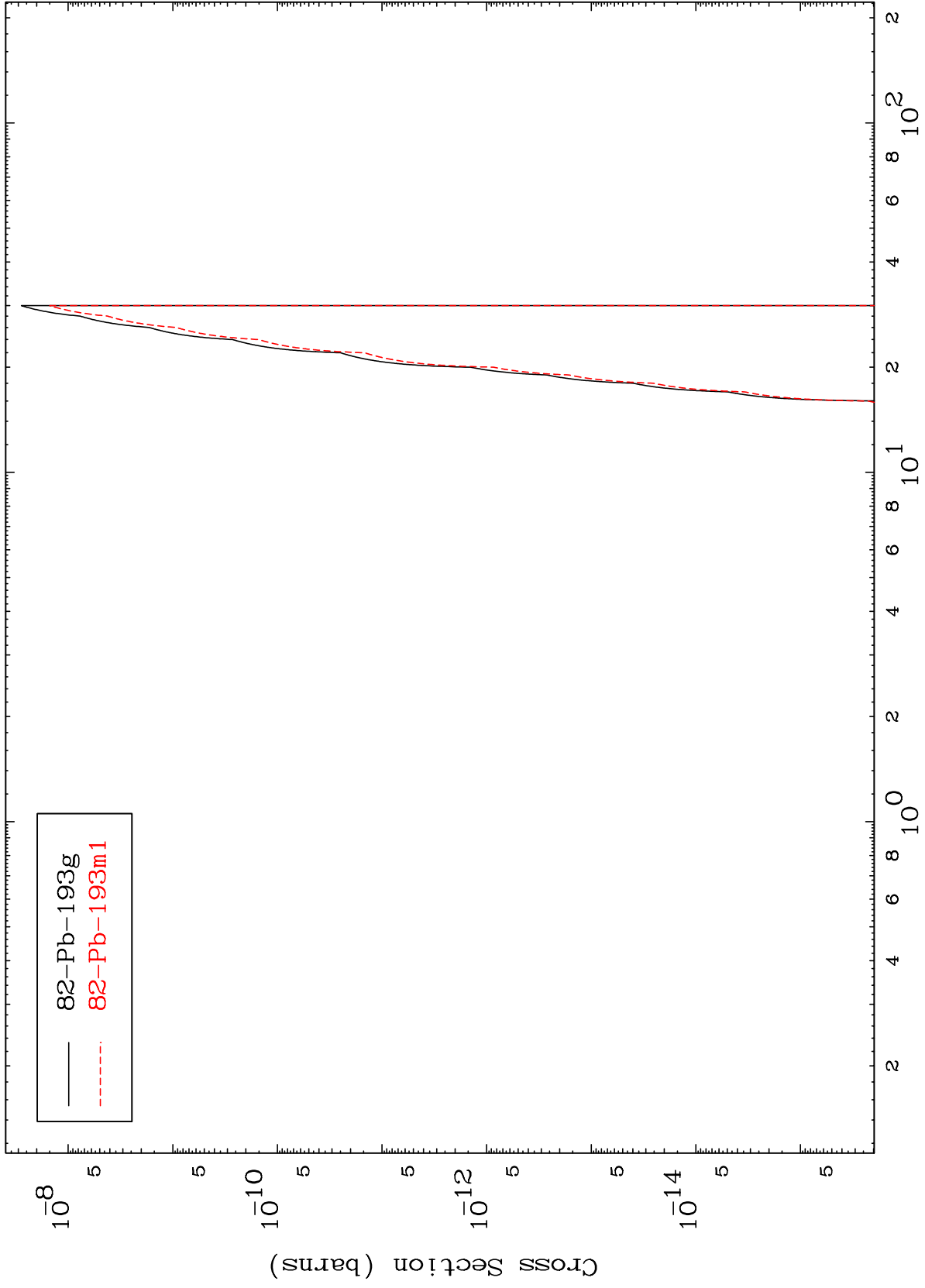
84-Po-199

MAT 8405

(He-3, n') 2 $\alpha$

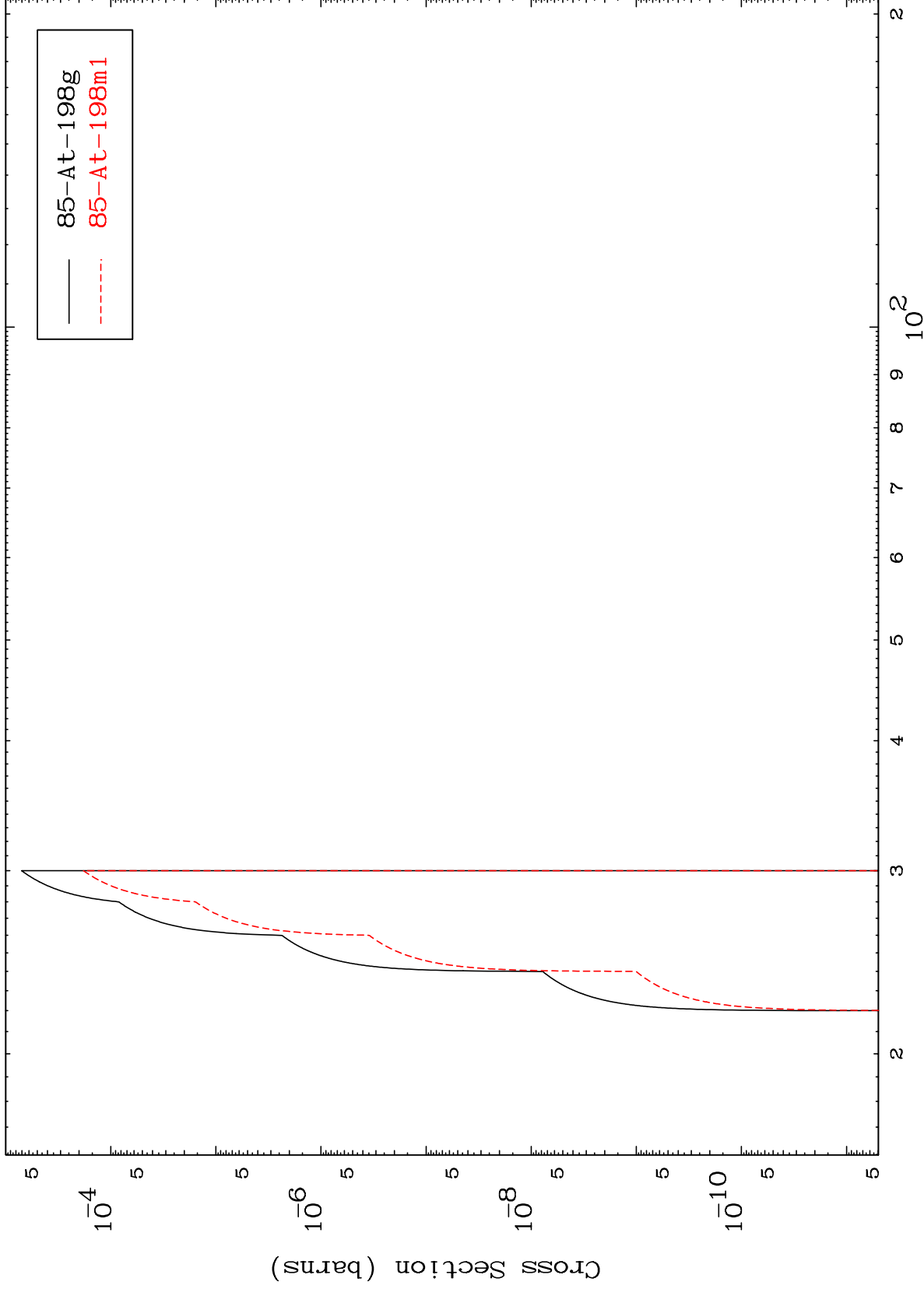
84-Po-199

Radionuclide Production Cross Section



— 82-Pb-193g  
- - - 82-Pb-193m1

Radionuclide Production Cross Section

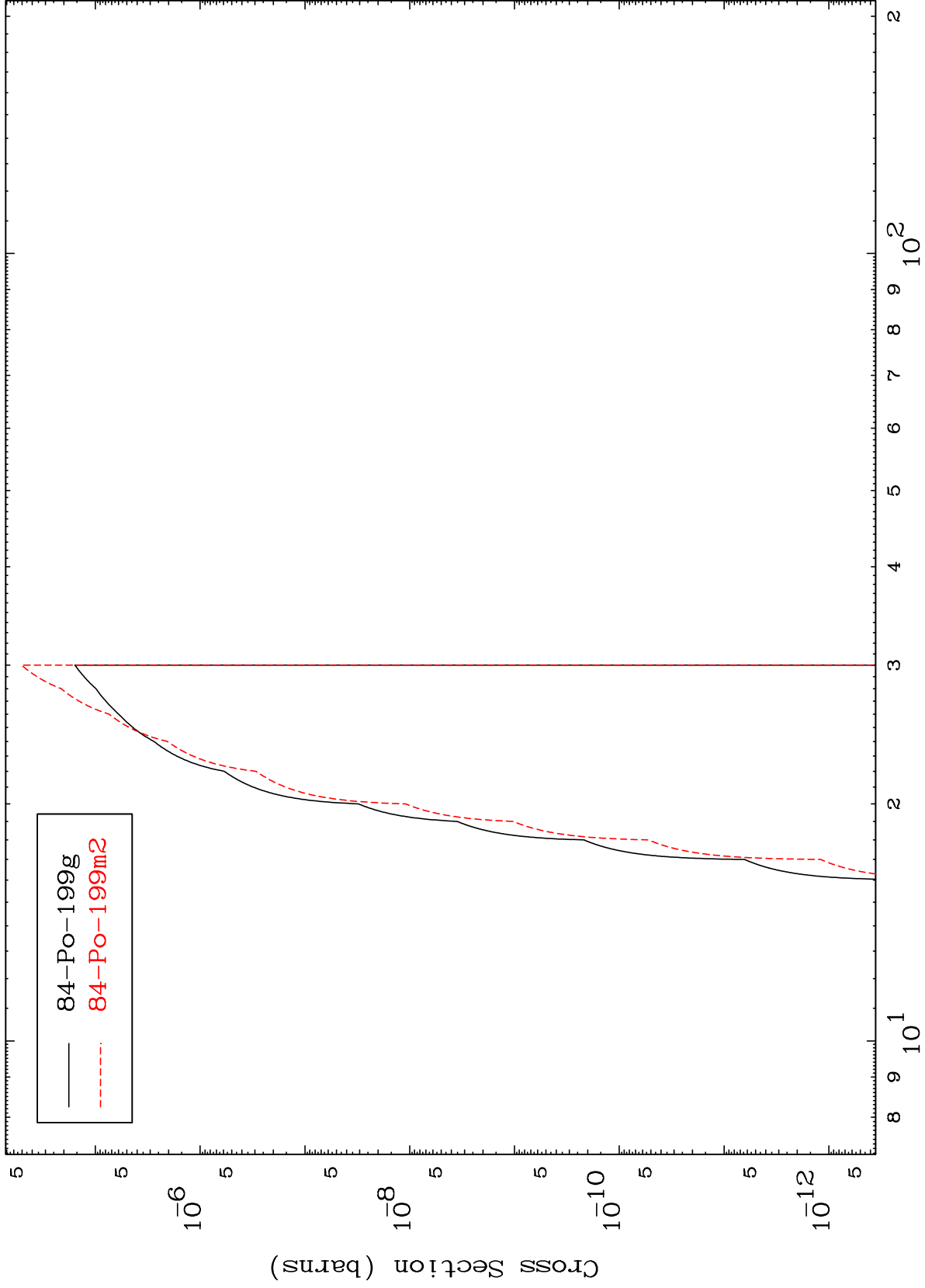


MAT 8405

(He-3,2n) p

84-Po-199

Radionuclide Production Cross Section



19

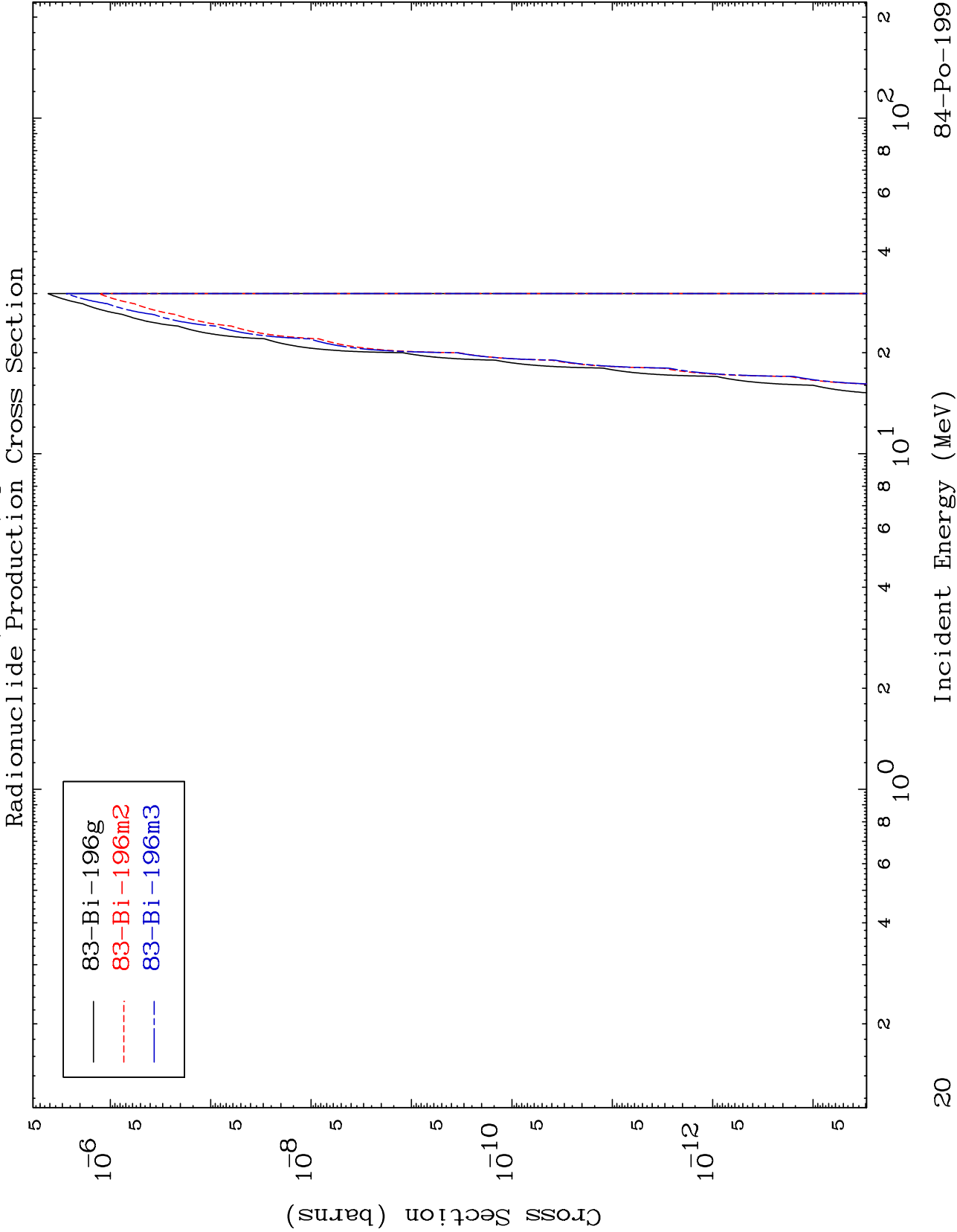
Incident Energy (MeV)

84-Po-199

MAT 8405

(He-3, n') p  $\alpha$

84-Po-199

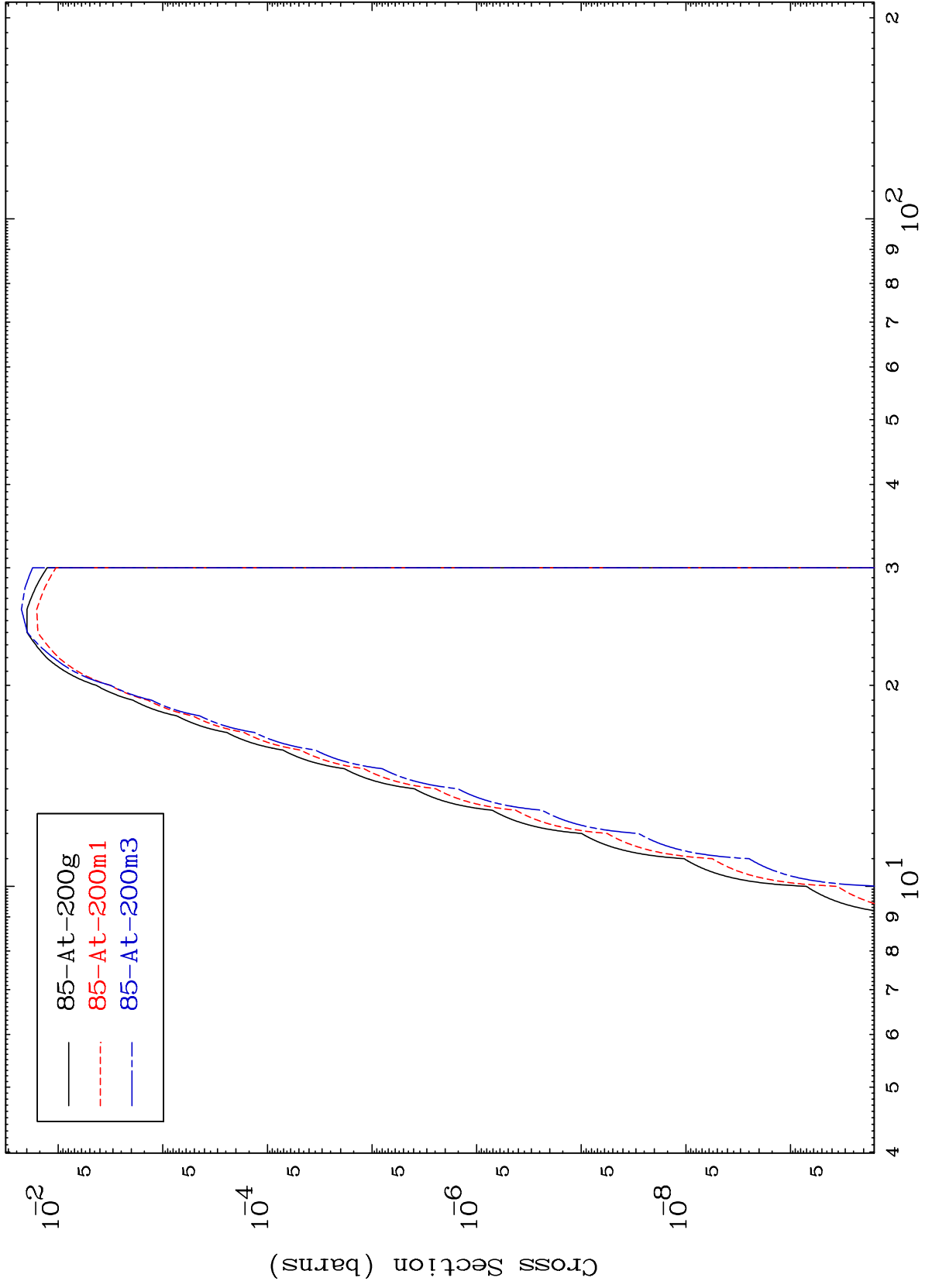


20

Incident Energy (MeV)

84-Po-199

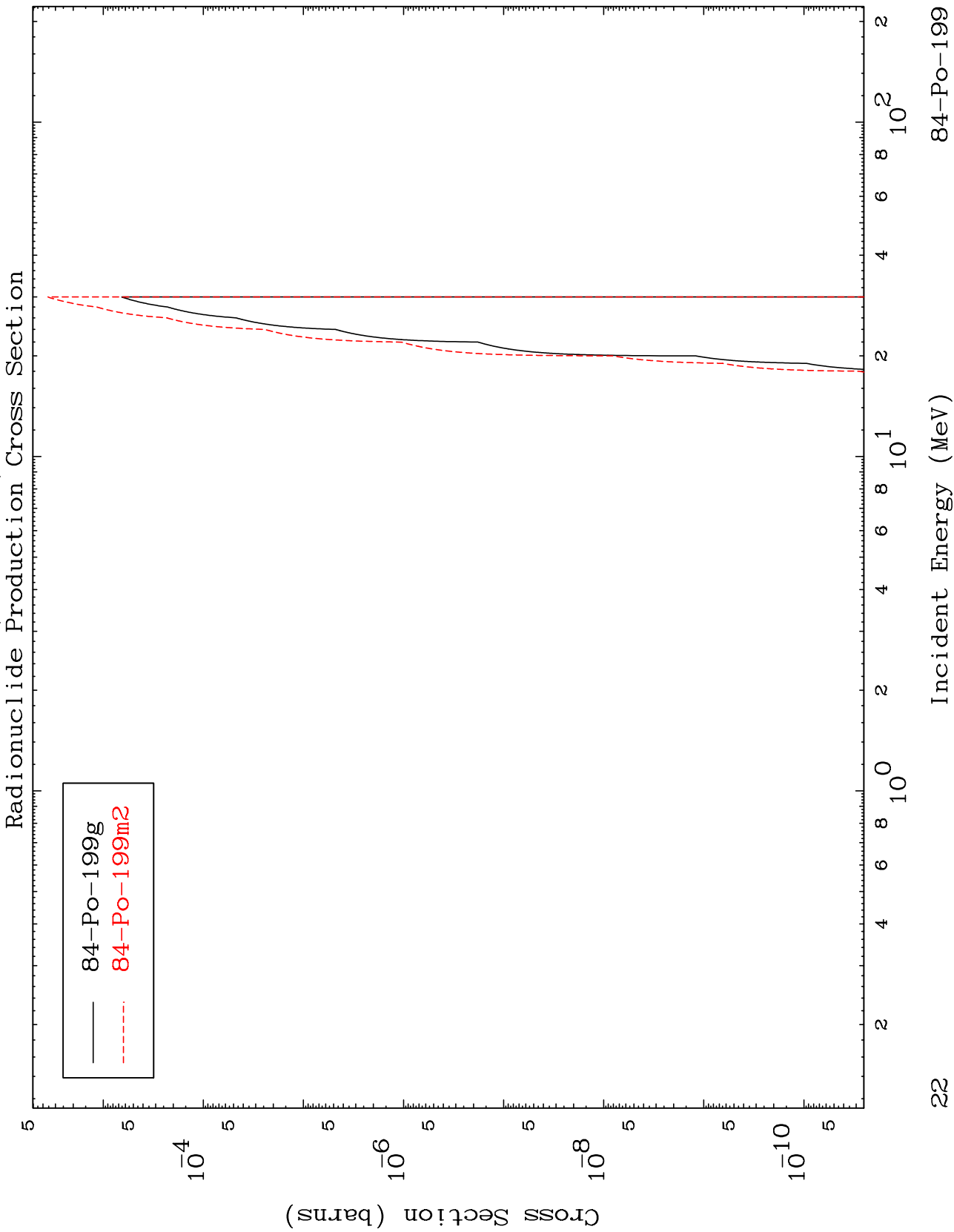
Radionuclide Production Cross Section



MAT 8405

(He-3, He-3)

84-Po-199

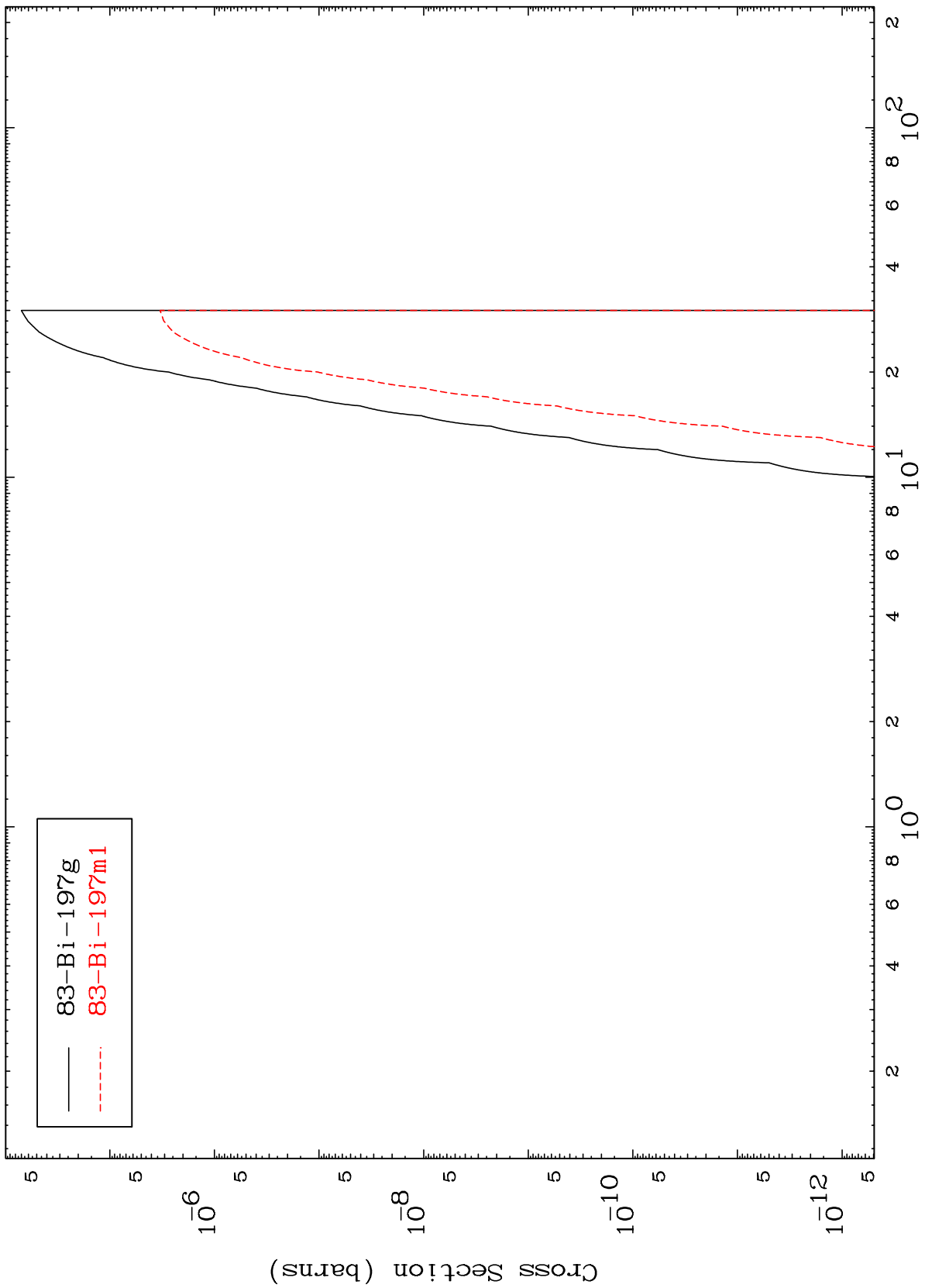


MAT 8405

(He-3,p)  $\alpha$

84-Po-199

Radionuclide Production Cross Section



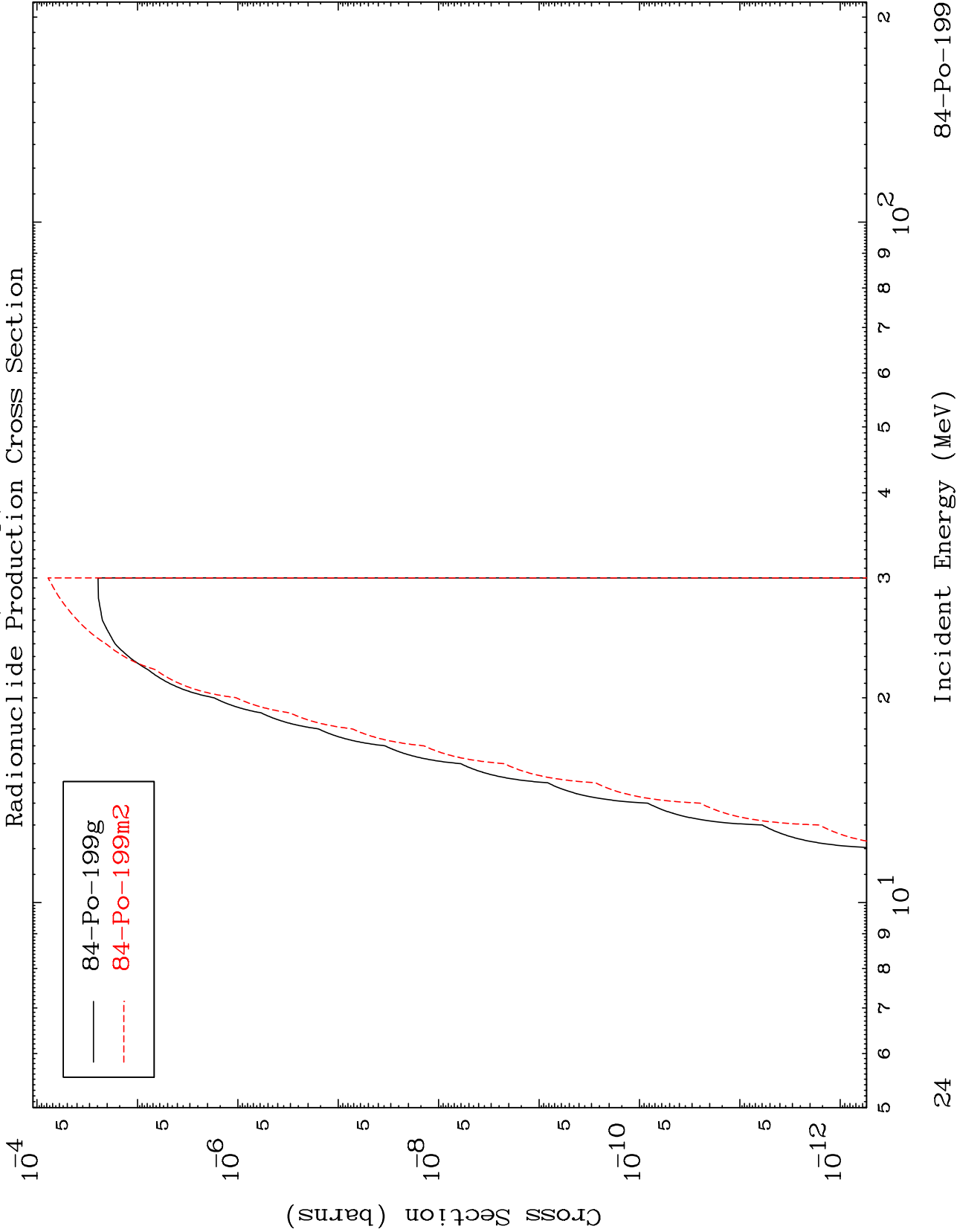
83-Bi-197g  
83-Bi-197m1



MAT 8405

(He-3,p) d

84-Po-199



24

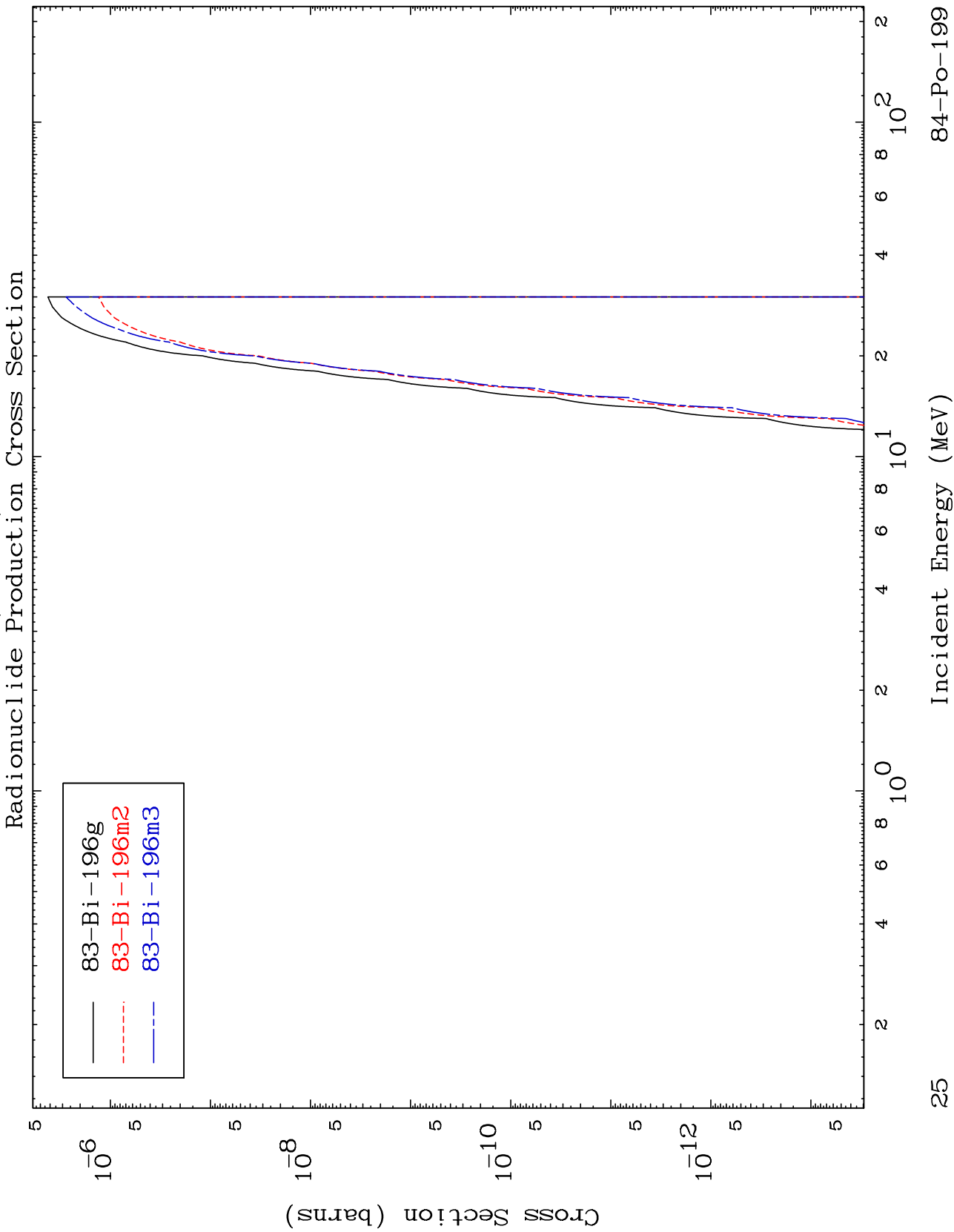
84-Po-199

84-Po-199

MAT 8405

(He-3,d)  $\alpha$

84-Po-199



83-Bi-196g  
83-Bi-196m2  
83-Bi-196m3