

Program EVALPLOT  
(Version 2018-1)

by

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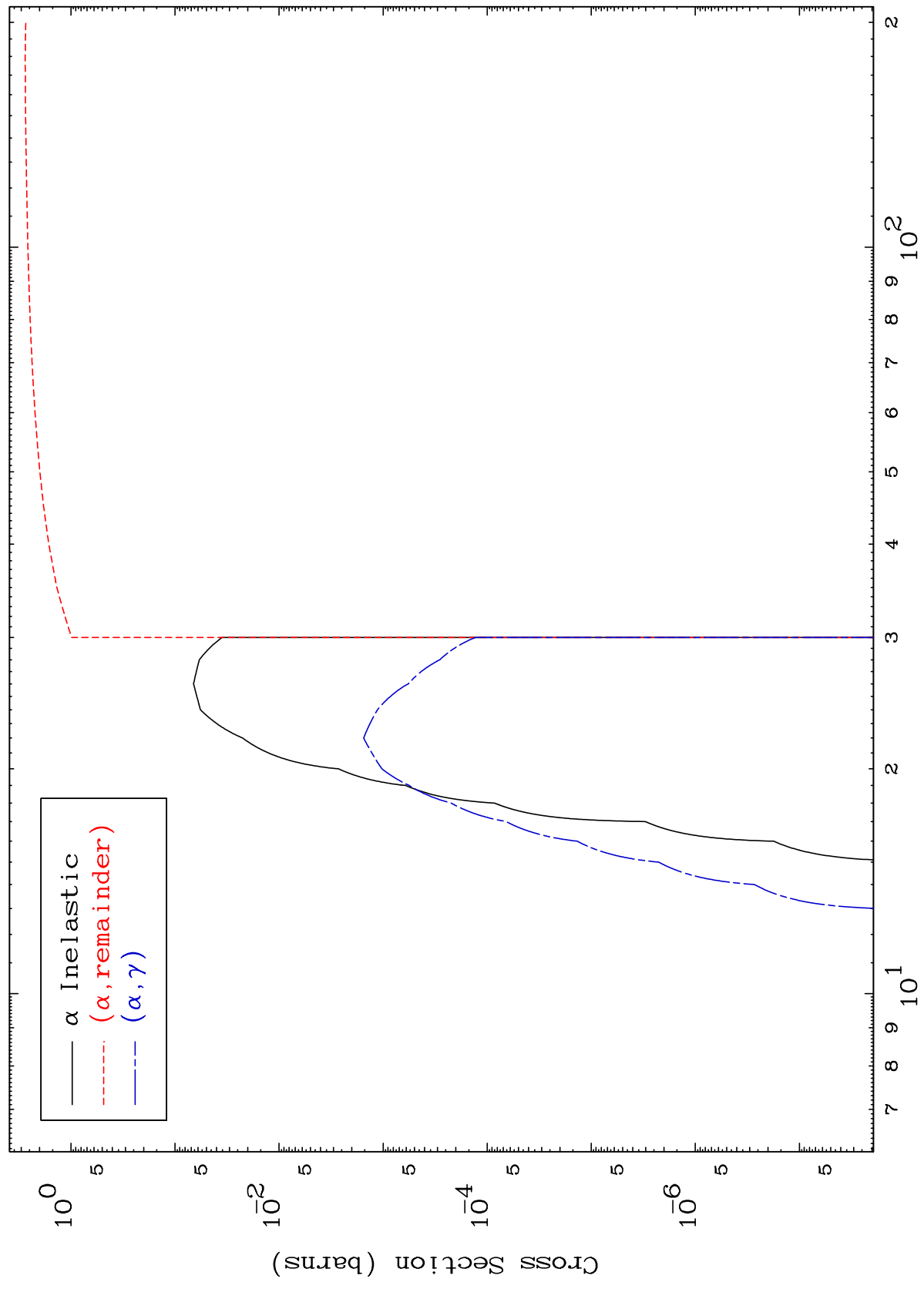
Press Mouse Button to Start

MAT 8405

0 Kelvin

$\alpha$  Major  
Cross Sections

84-Po-199



1

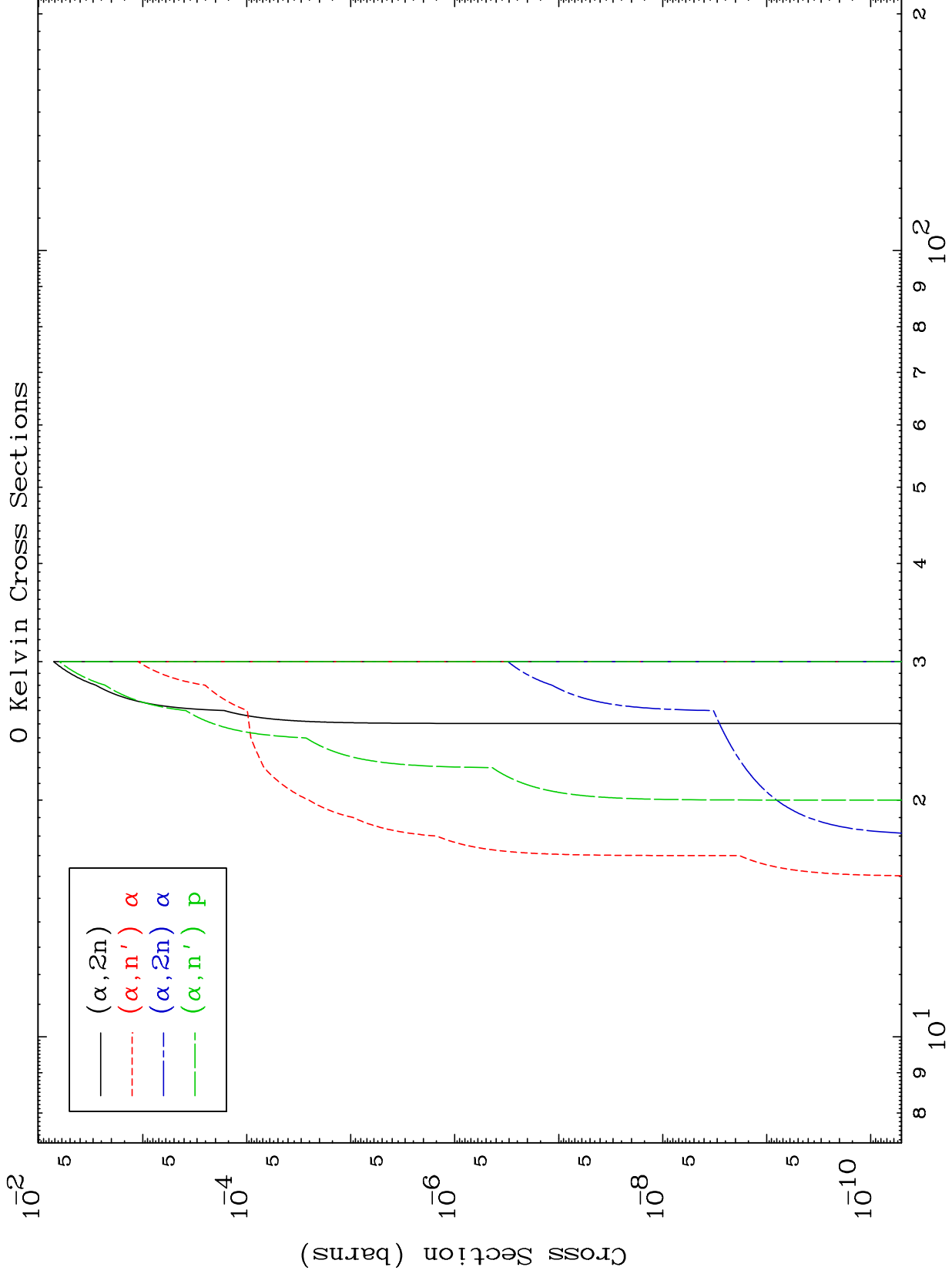
Incident Energy (MeV)

84-Po-199

MAT 8405

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

84-Po-199



Incident Energy (MeV)

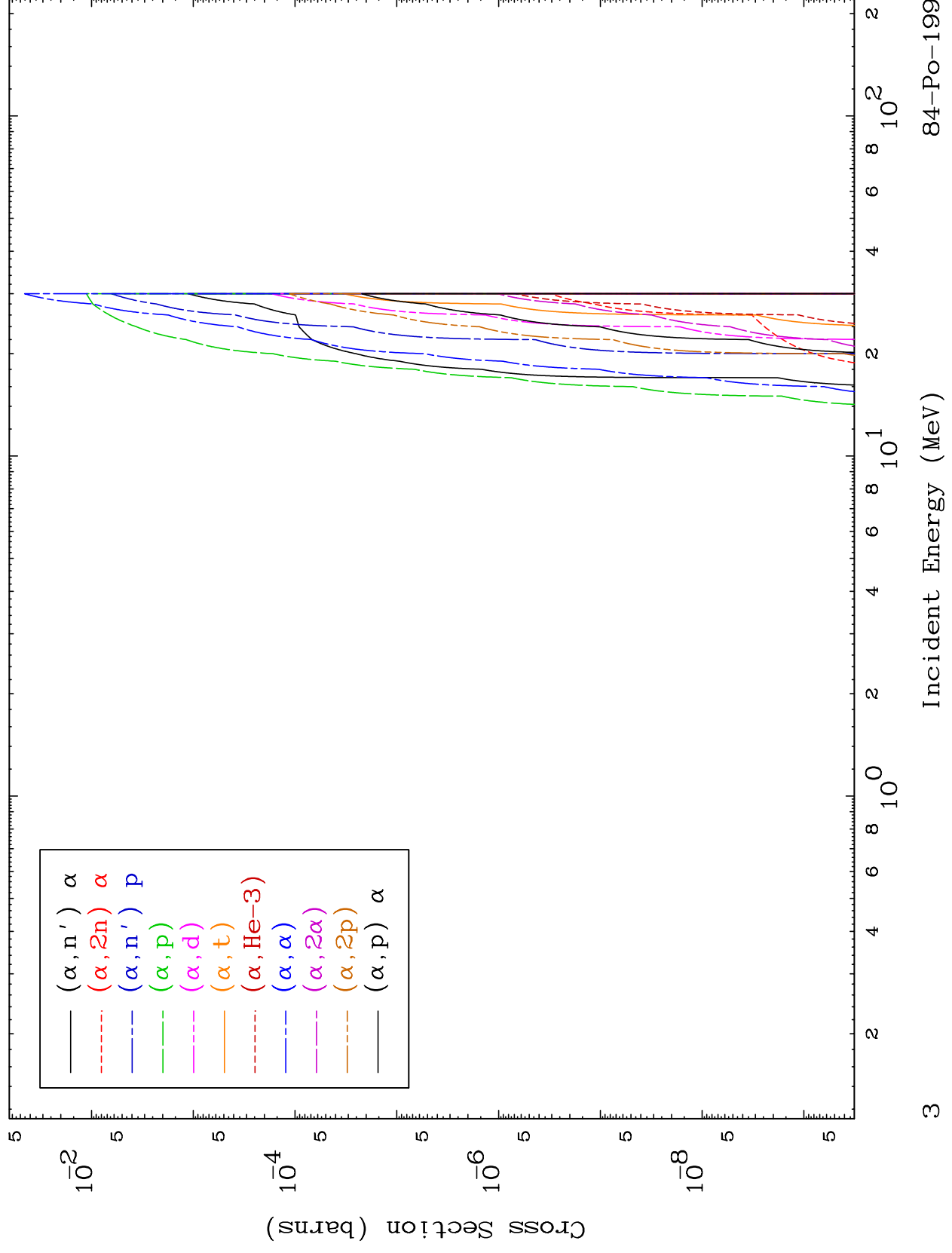
84-Po-199

2

MAT 8405

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

84-Po-199



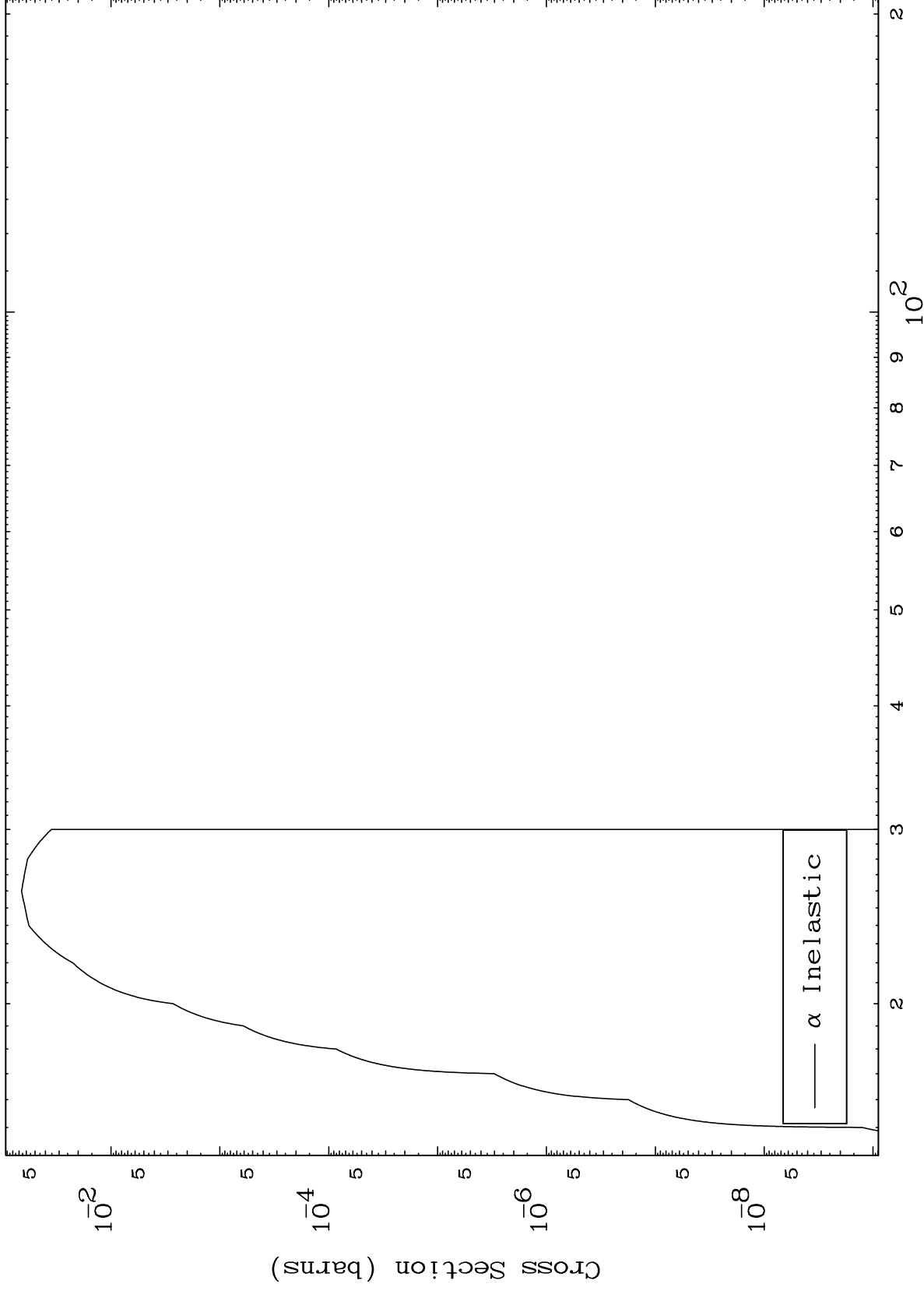
84-Po-199

Incident Energy (MeV)

MAT 8405

( $\alpha, n'$ ) Level  
0 Kelvin Cross Sections

84-Po-199



4

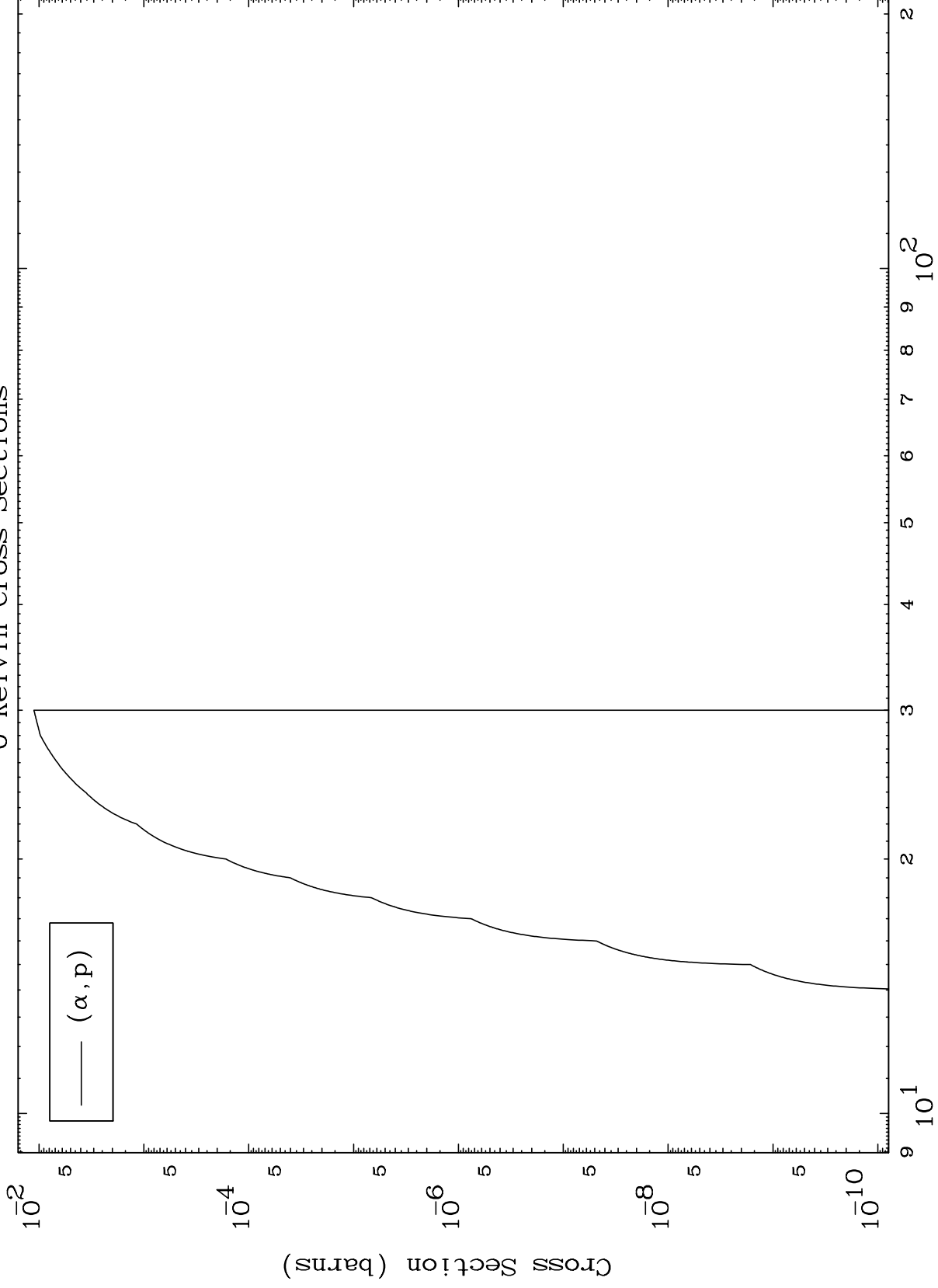
Incident Energy (MeV)

84-Po-199

MAT 8405

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

84-Po-199



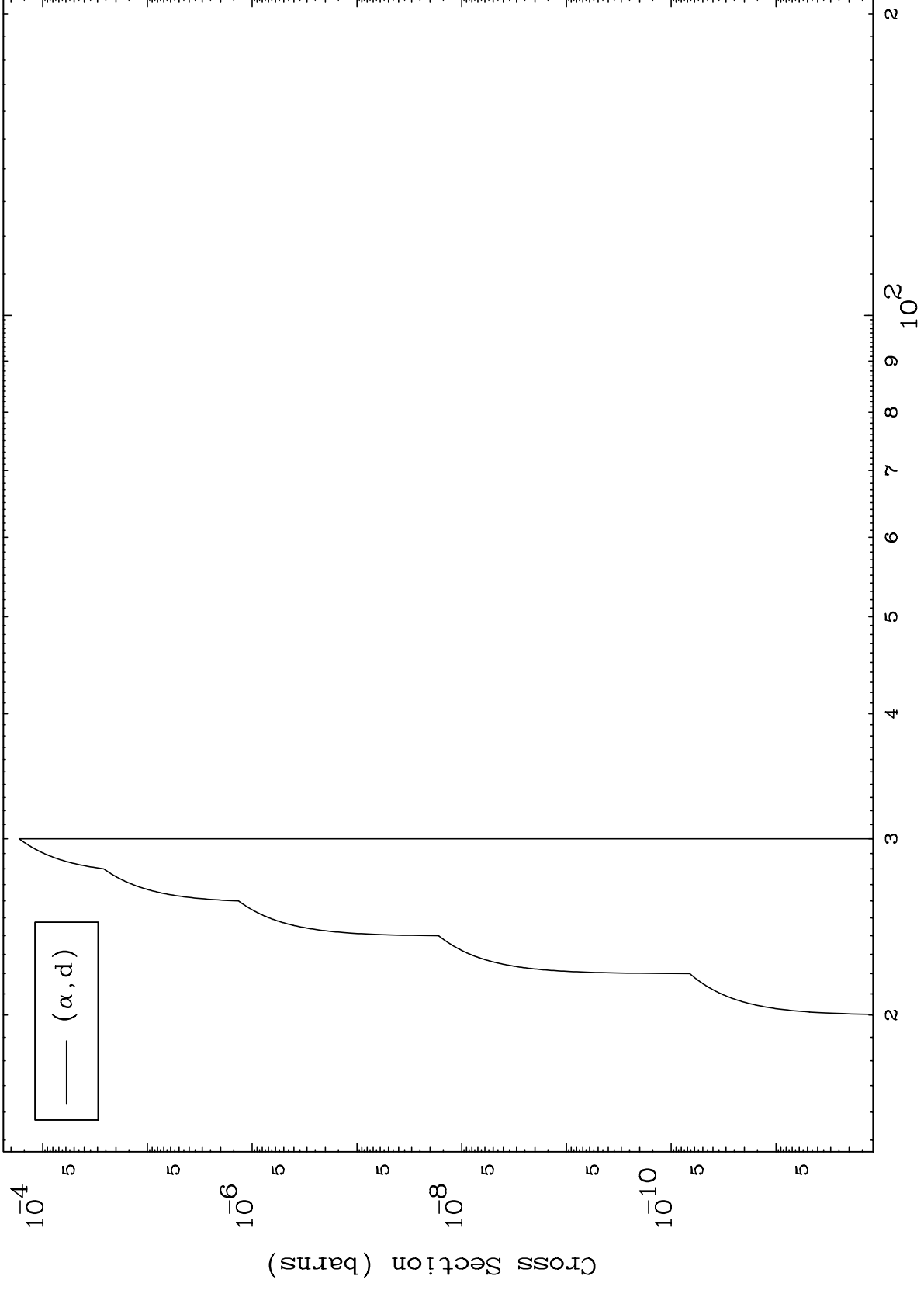
Incident Energy (MeV)

84-Po-199

MAT 8405

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

84-Po-199



6

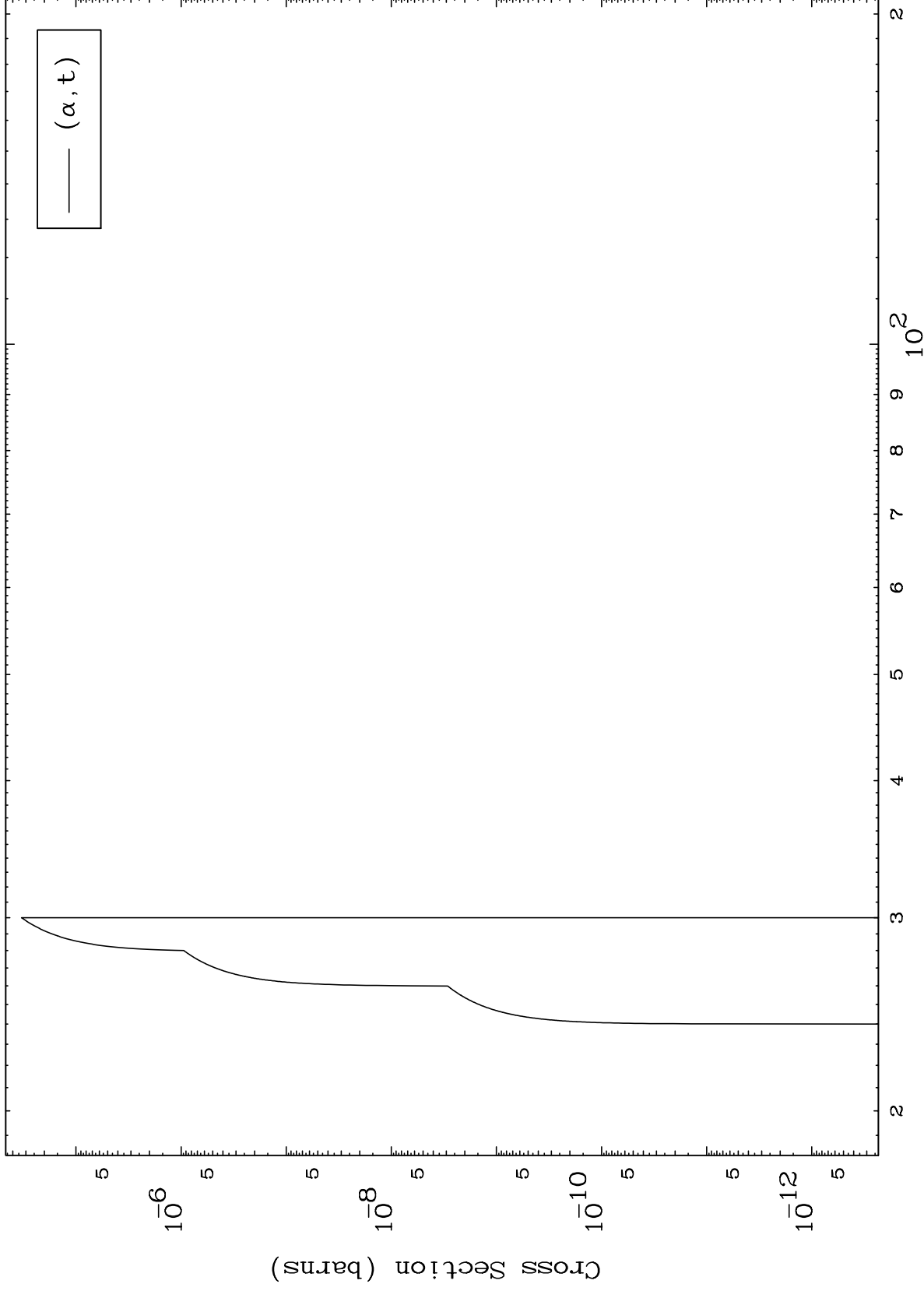
Incident Energy (MeV)

84-Po-199

MAT 8405

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

84-Po-199



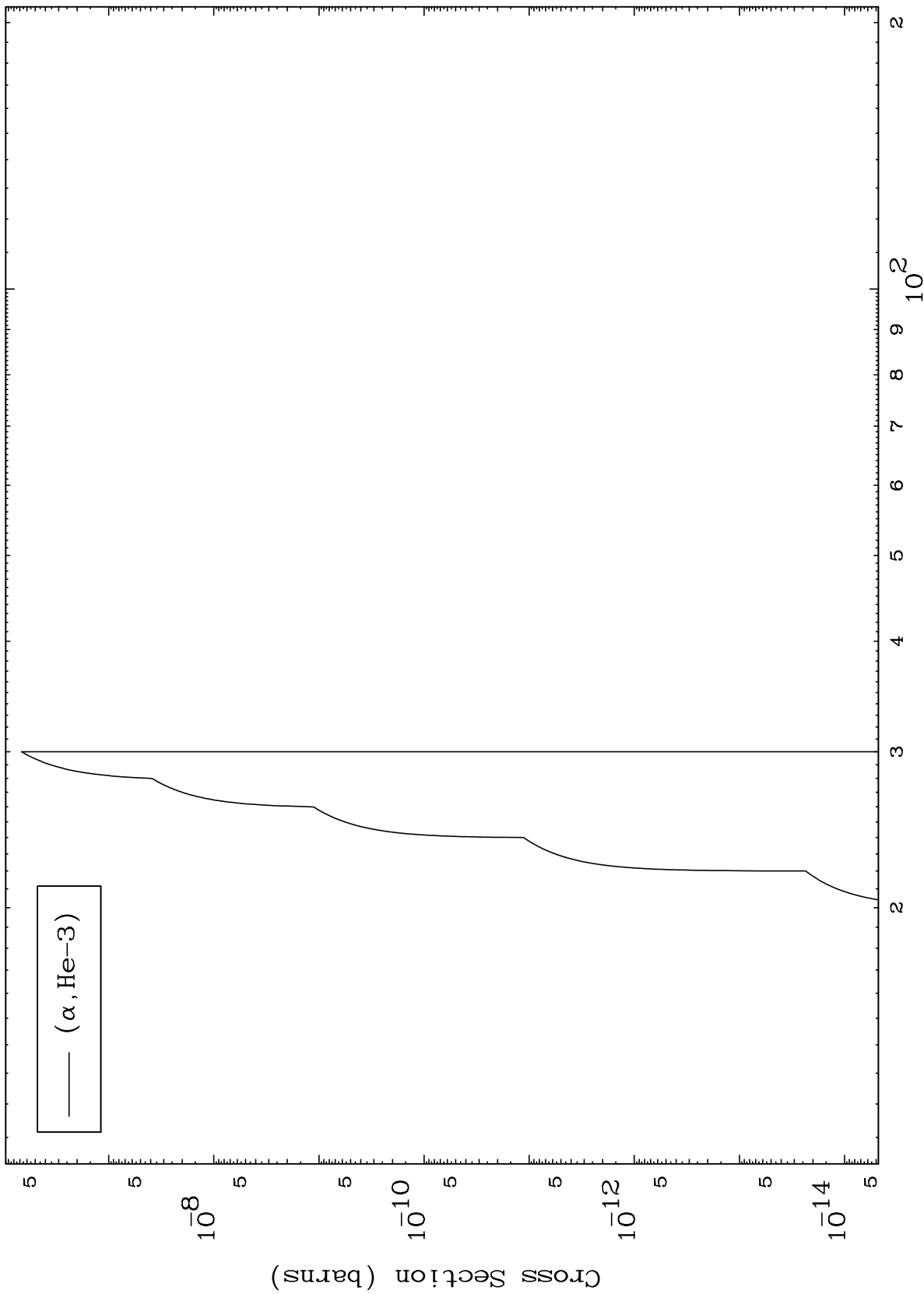
7

Incident Energy (MeV)

84-Po-199



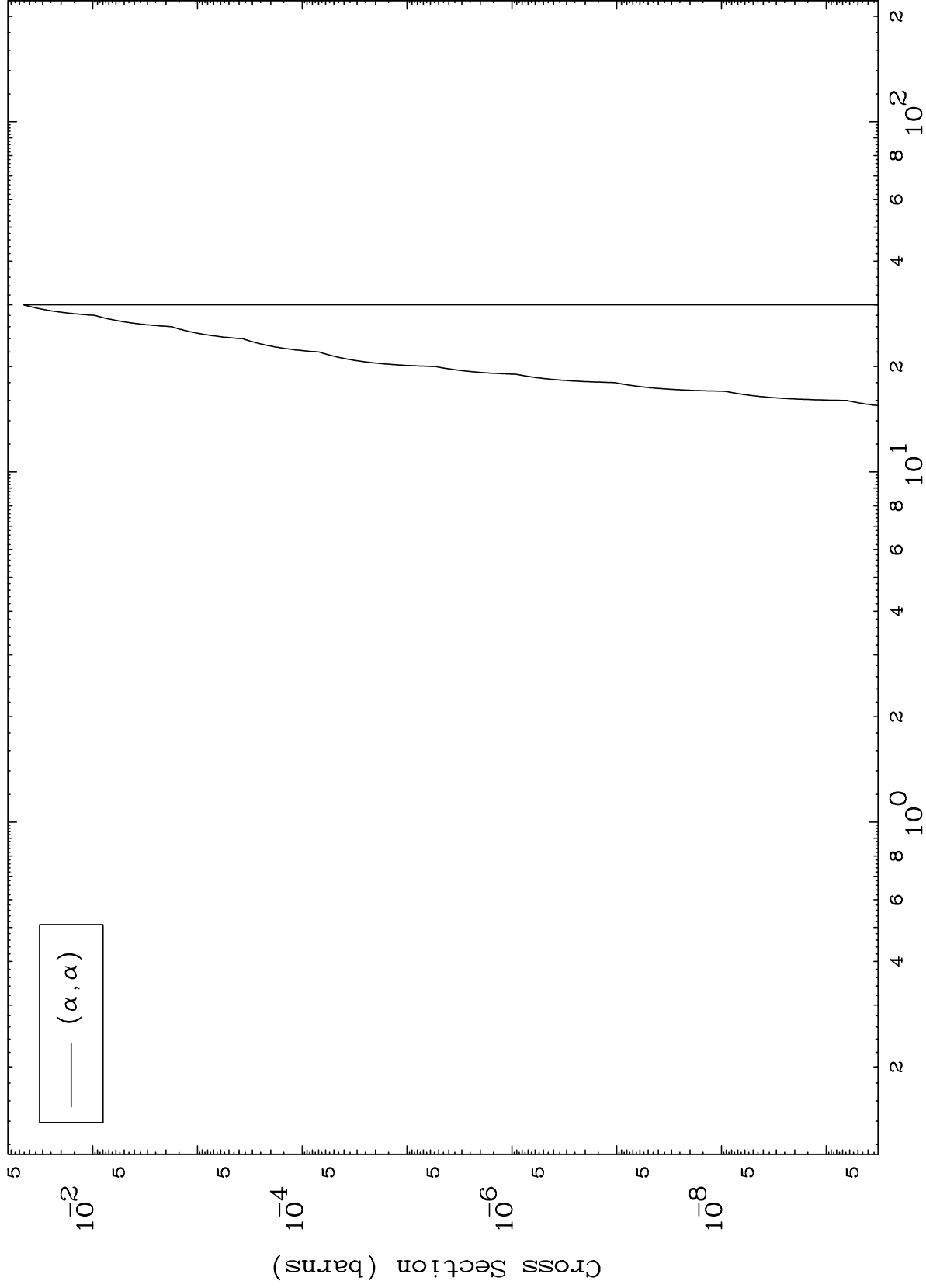
( $\alpha$ , He3) Levels  
0 Kelvin Cross Sections



MAT 8405

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

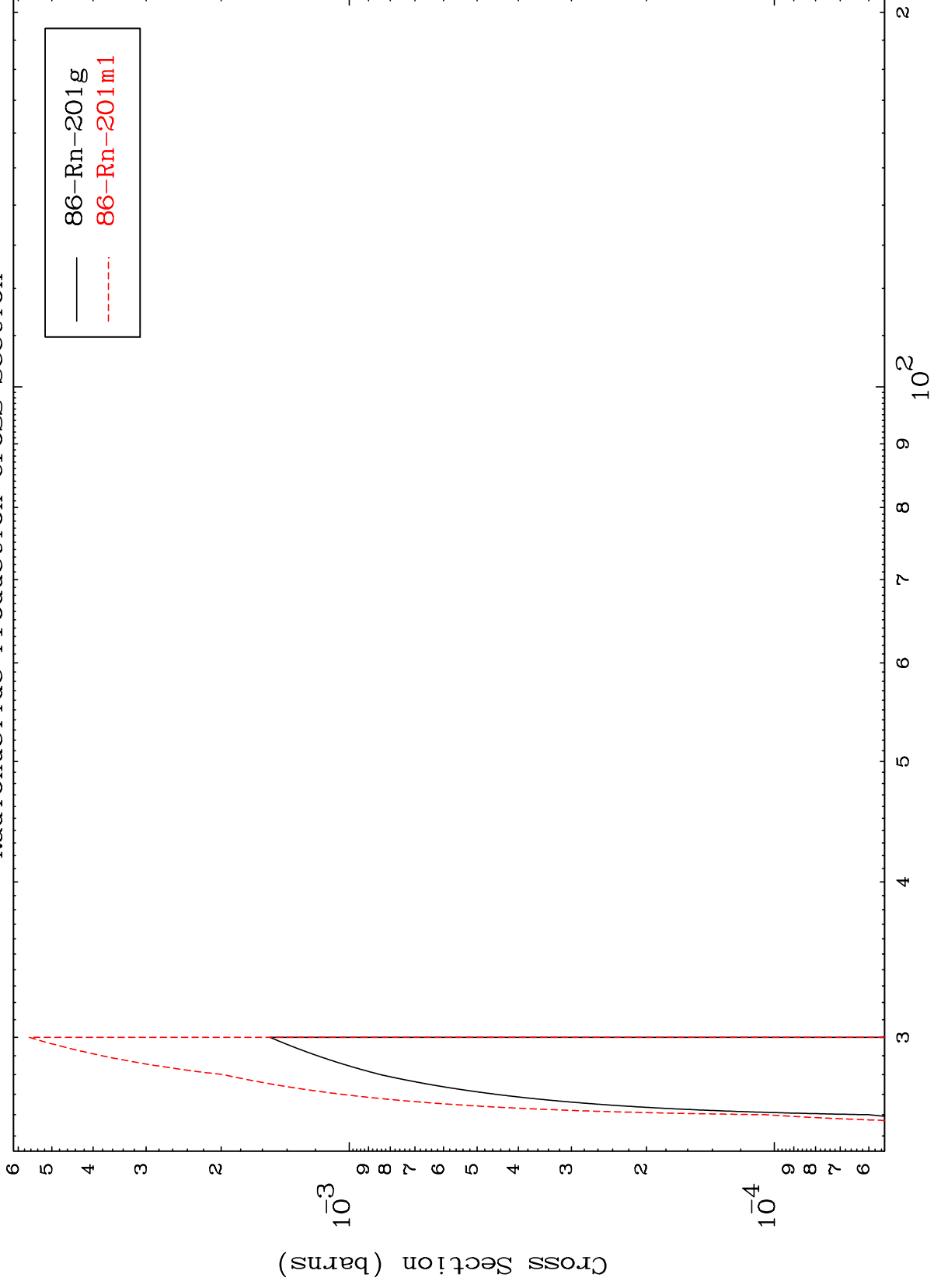
84-Po-199



MAT 8405

84-Po-199

$(\alpha, 2n)$   
Radionuclide Production Cross Section



10

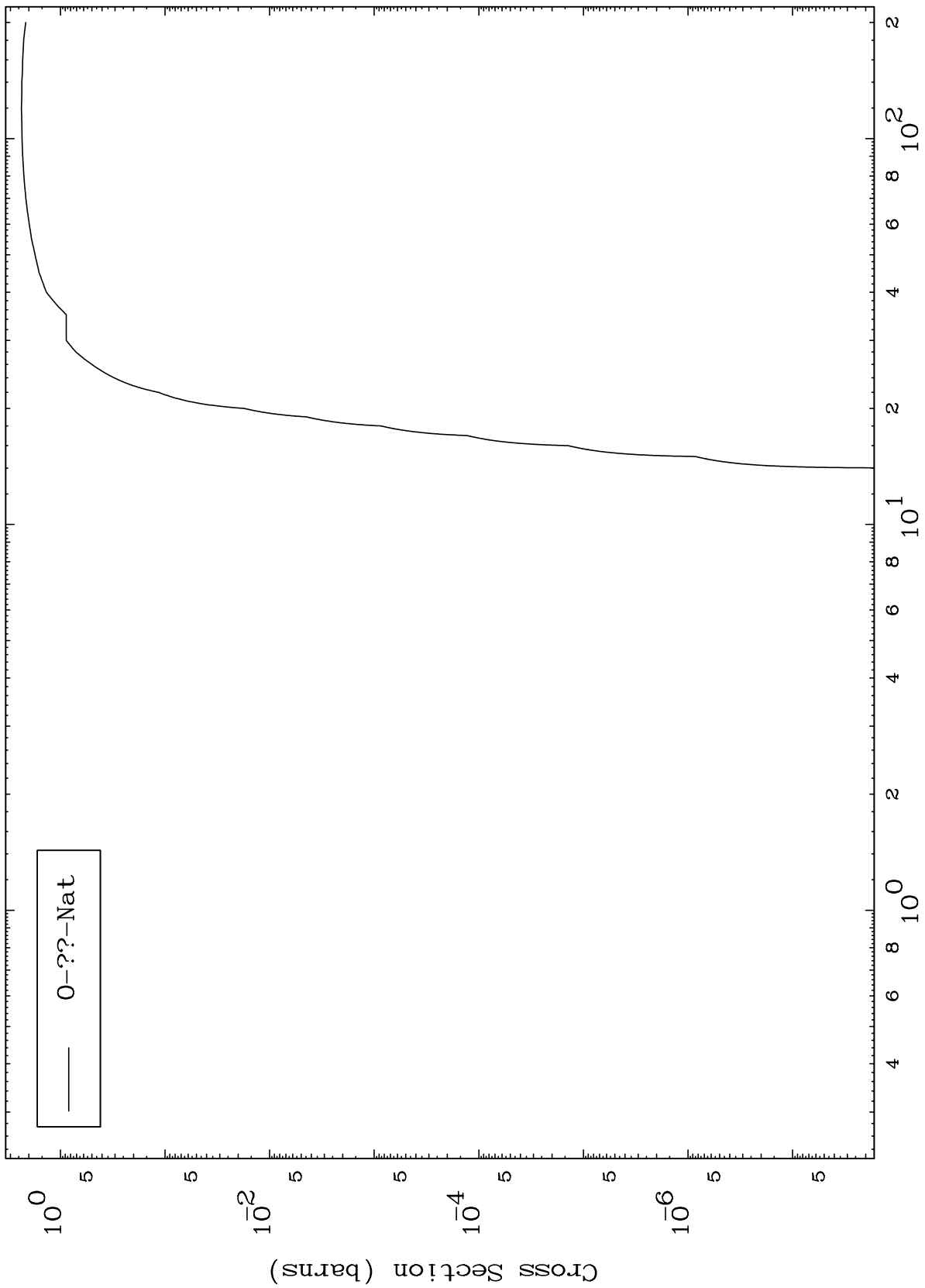
Incident Energy (MeV)

84-Po-199

MAT 8405

84-Po-199

$\alpha$  Fission  
Radionuclide Production Cross Section



84-Po-199

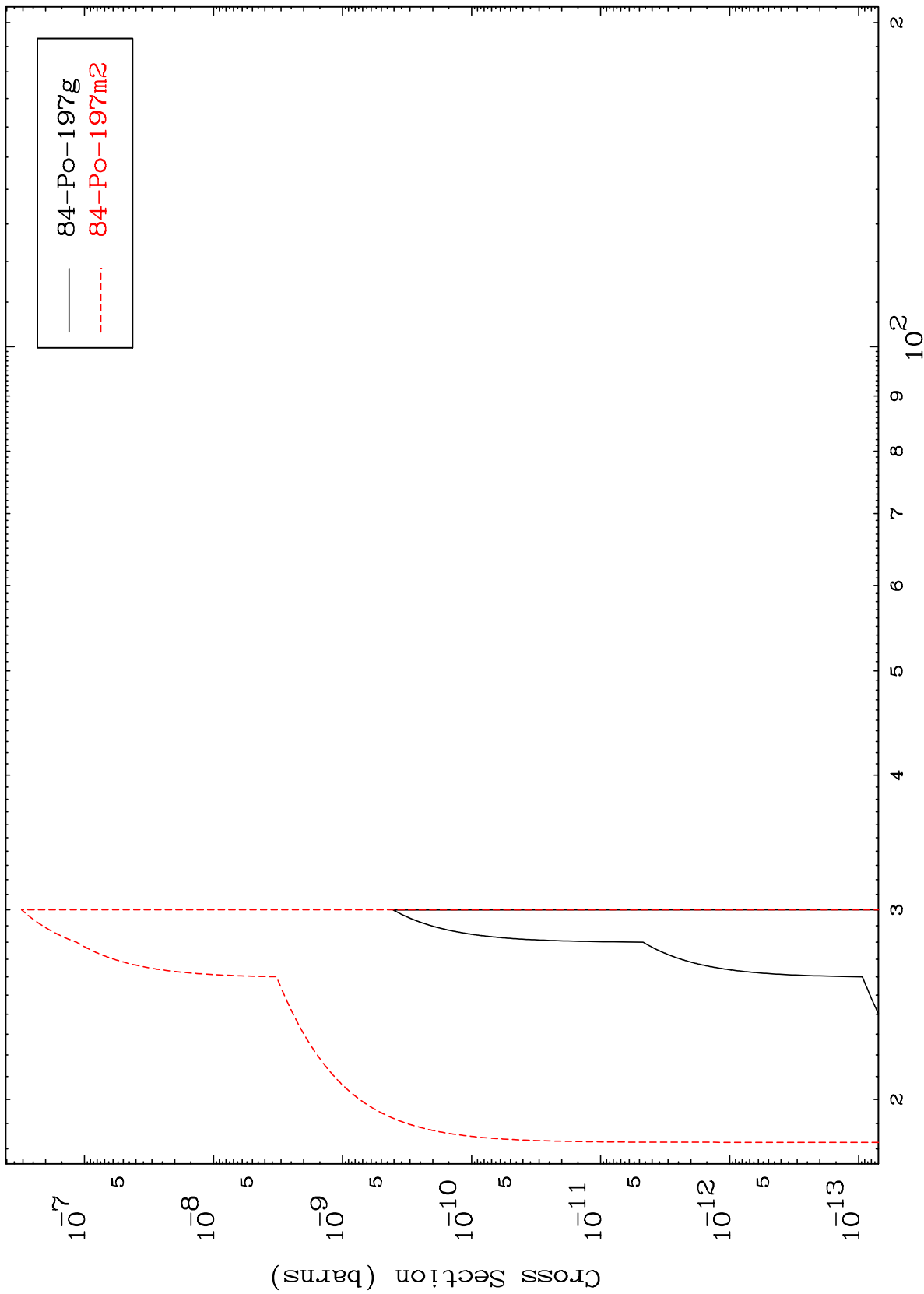
Incident Energy (MeV)

MAT 8405

$(\alpha, 2n)$   $\alpha$

84-Po-199

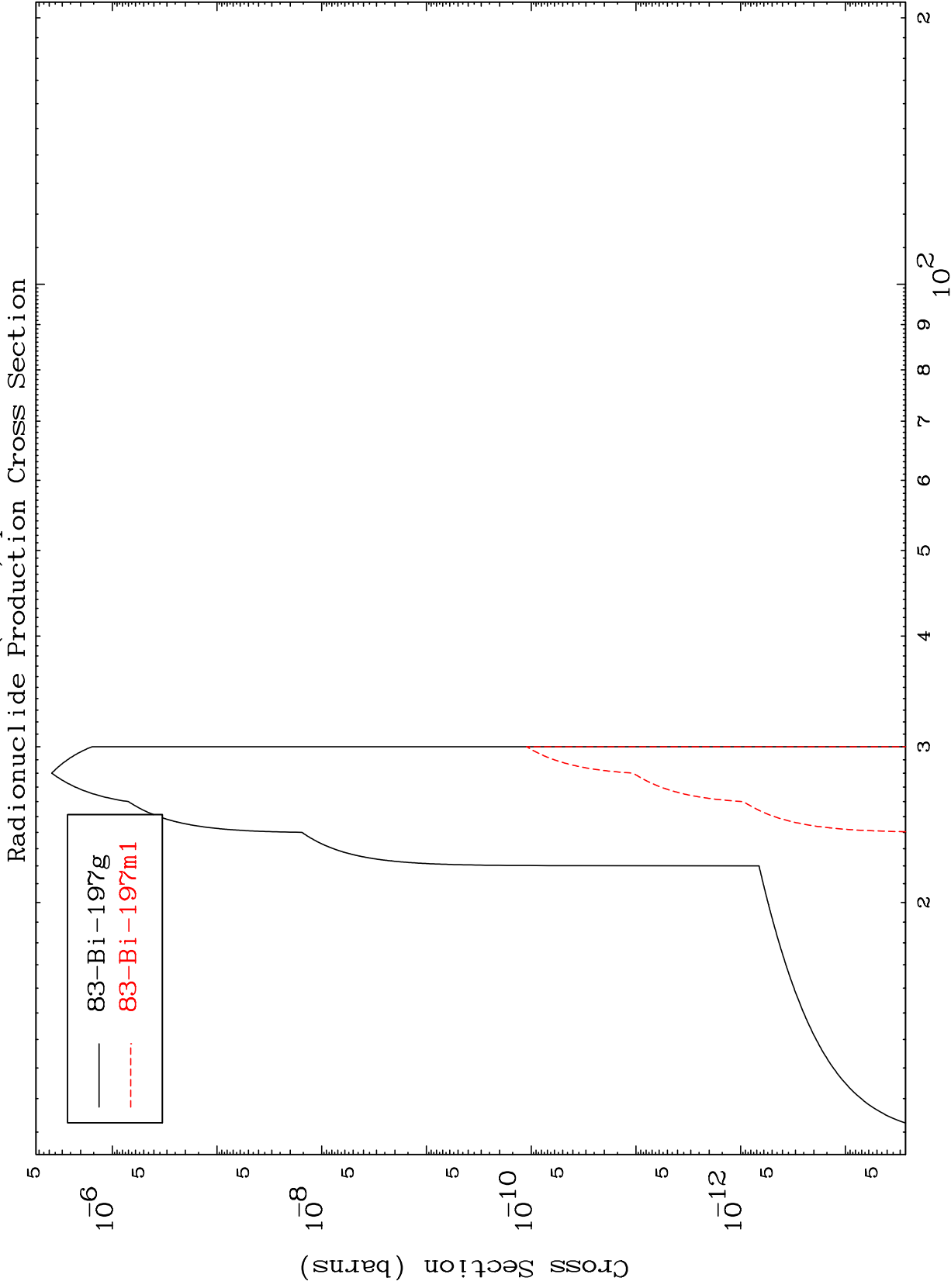
Radionuclide Production Cross Section



12

Incident Energy (MeV)

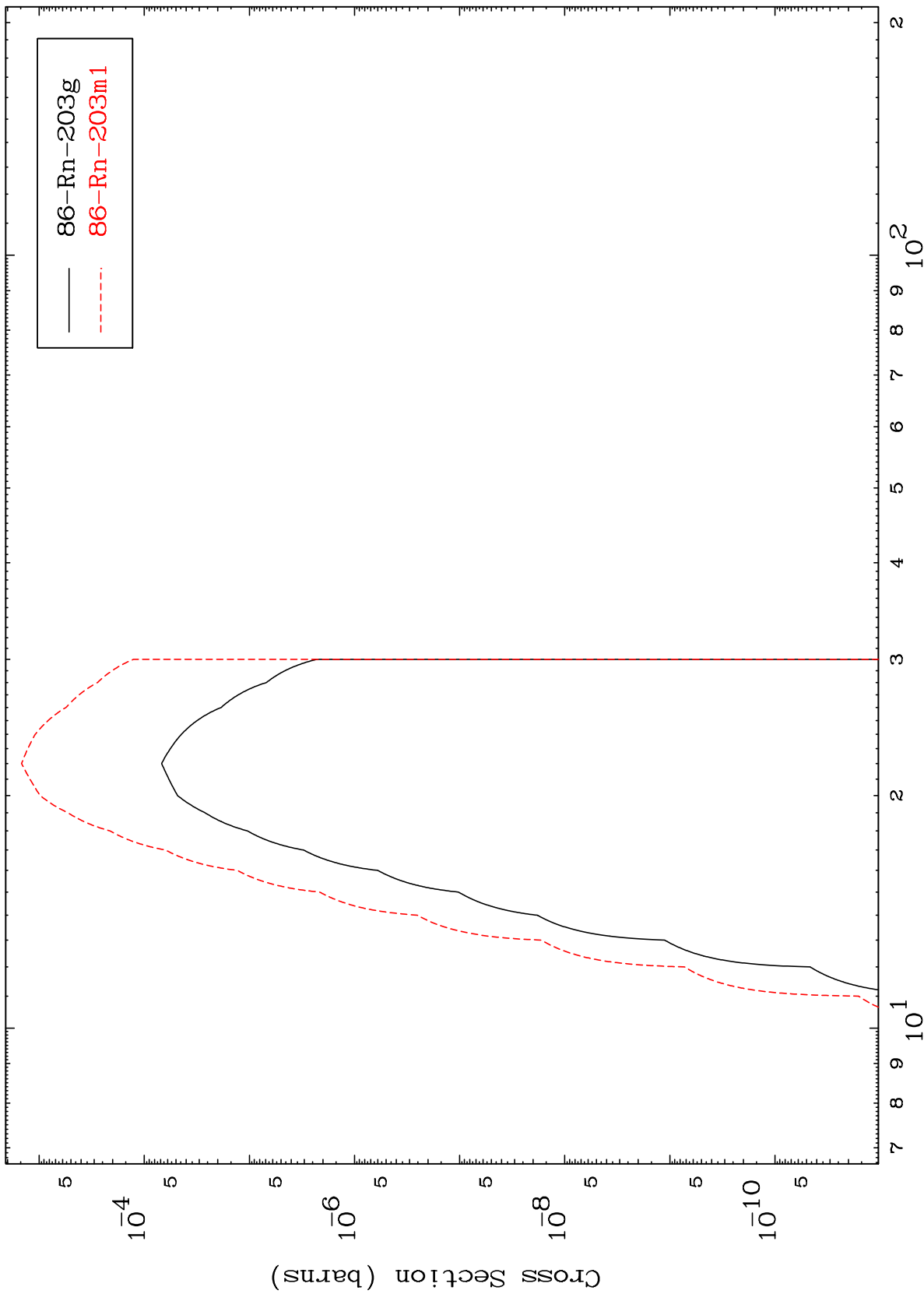
84-Po-199



MAT 8405

84-Po-199

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



84-Po-199

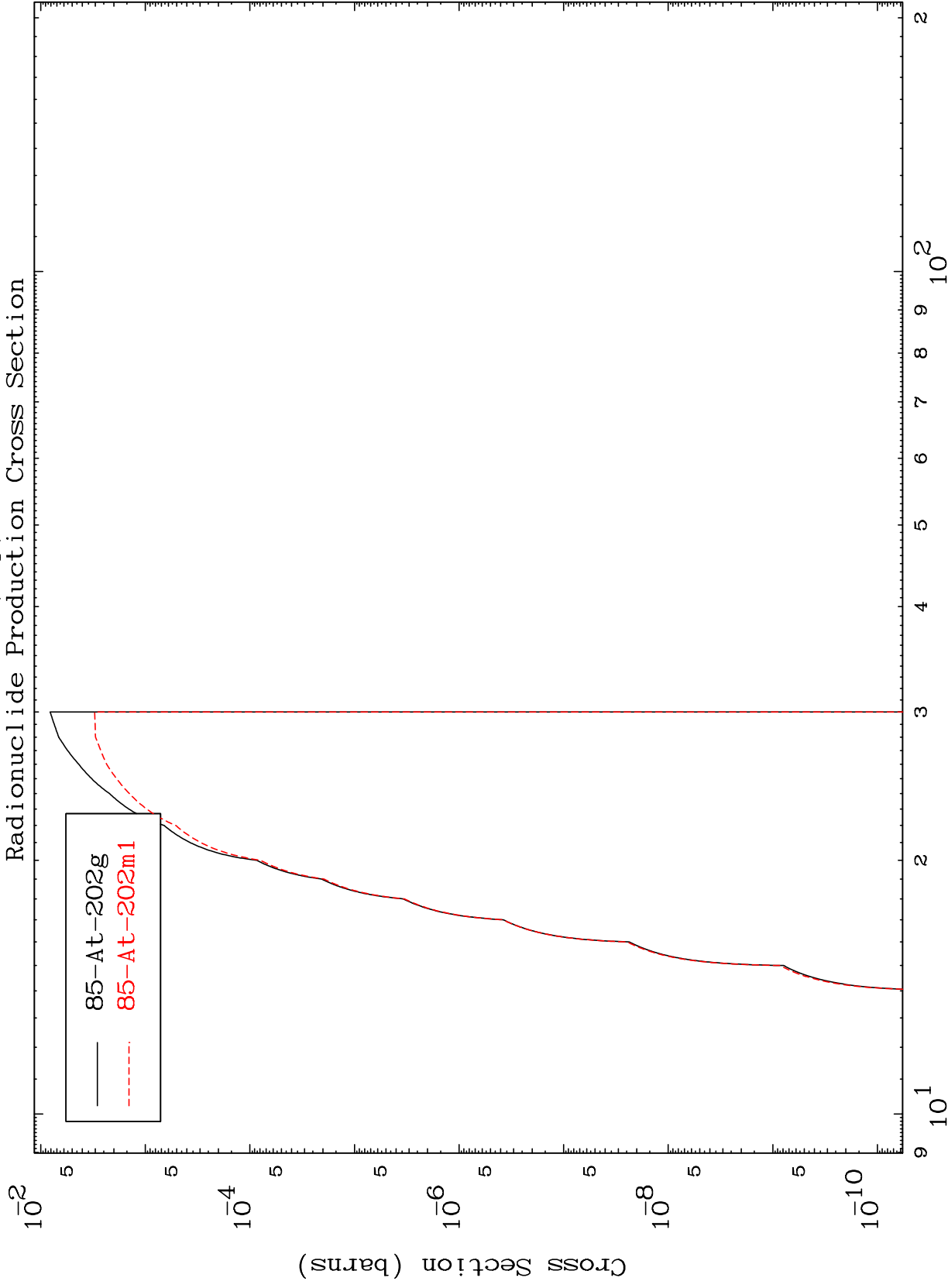
Incident Energy (MeV)

14

MAT 8405

84-Po-199

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



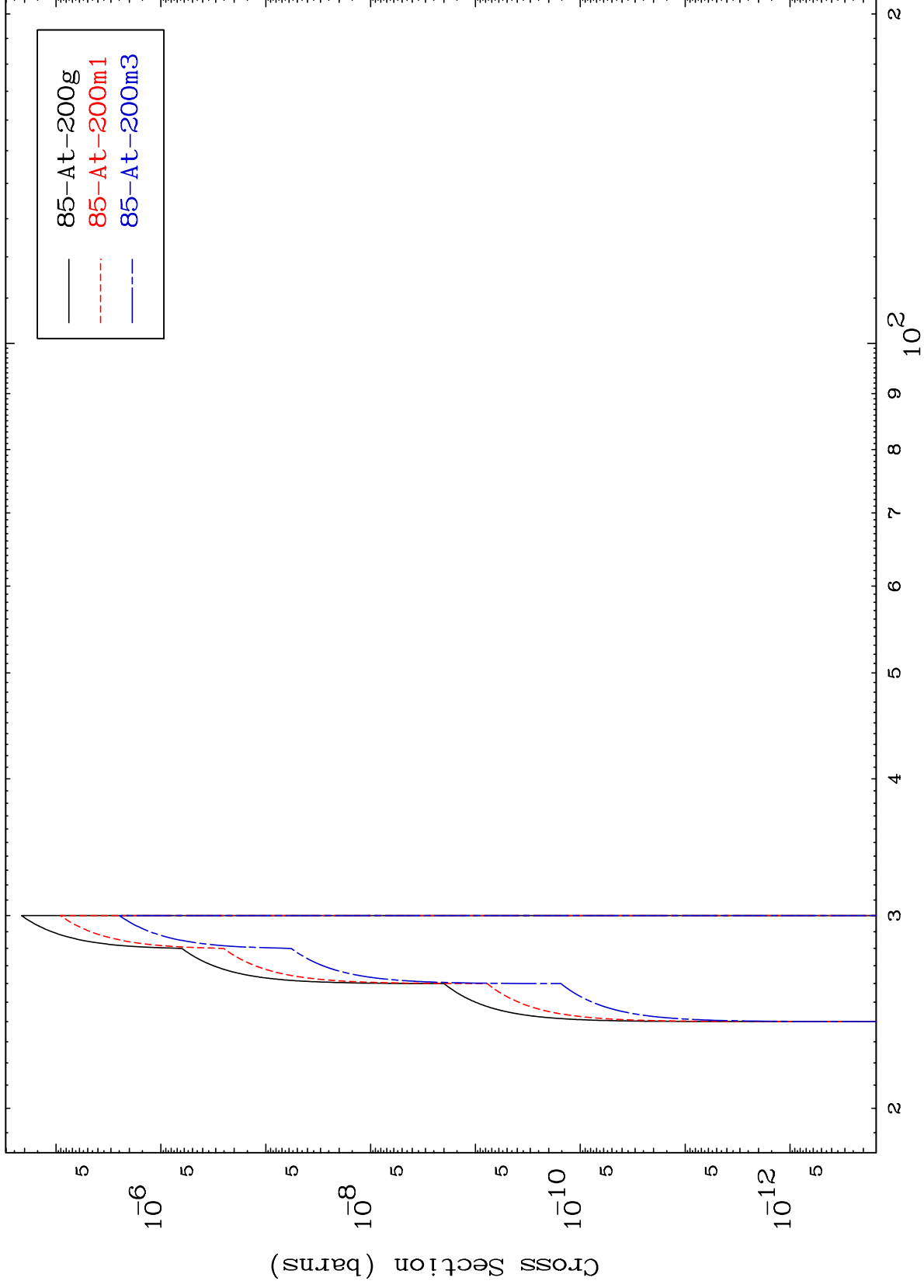
84-Po-199

Incident Energy (MeV)

15



Radionuclide Production Cross Section

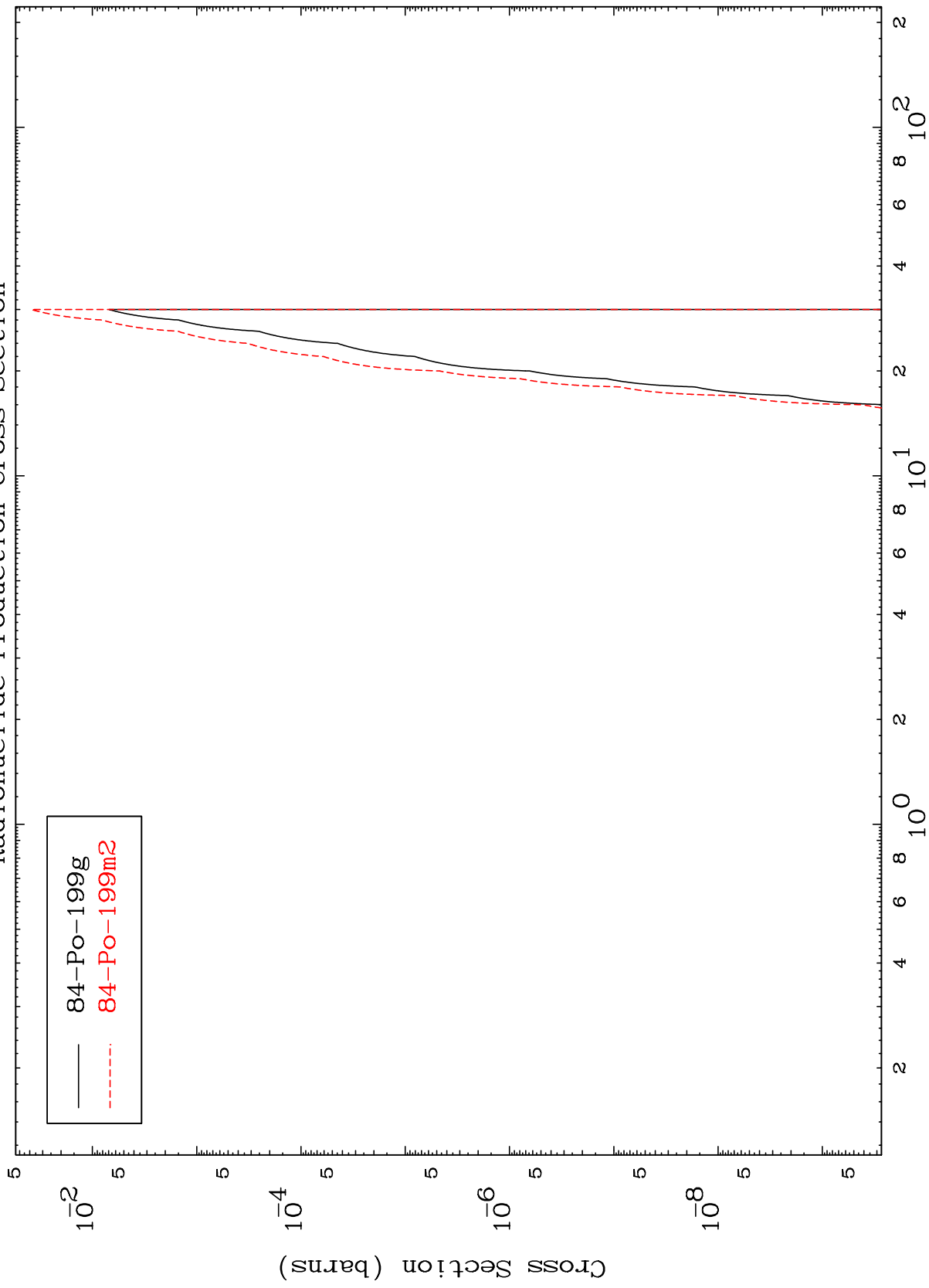


MAT 8405

( $\alpha, \alpha$ )

84-Po-199

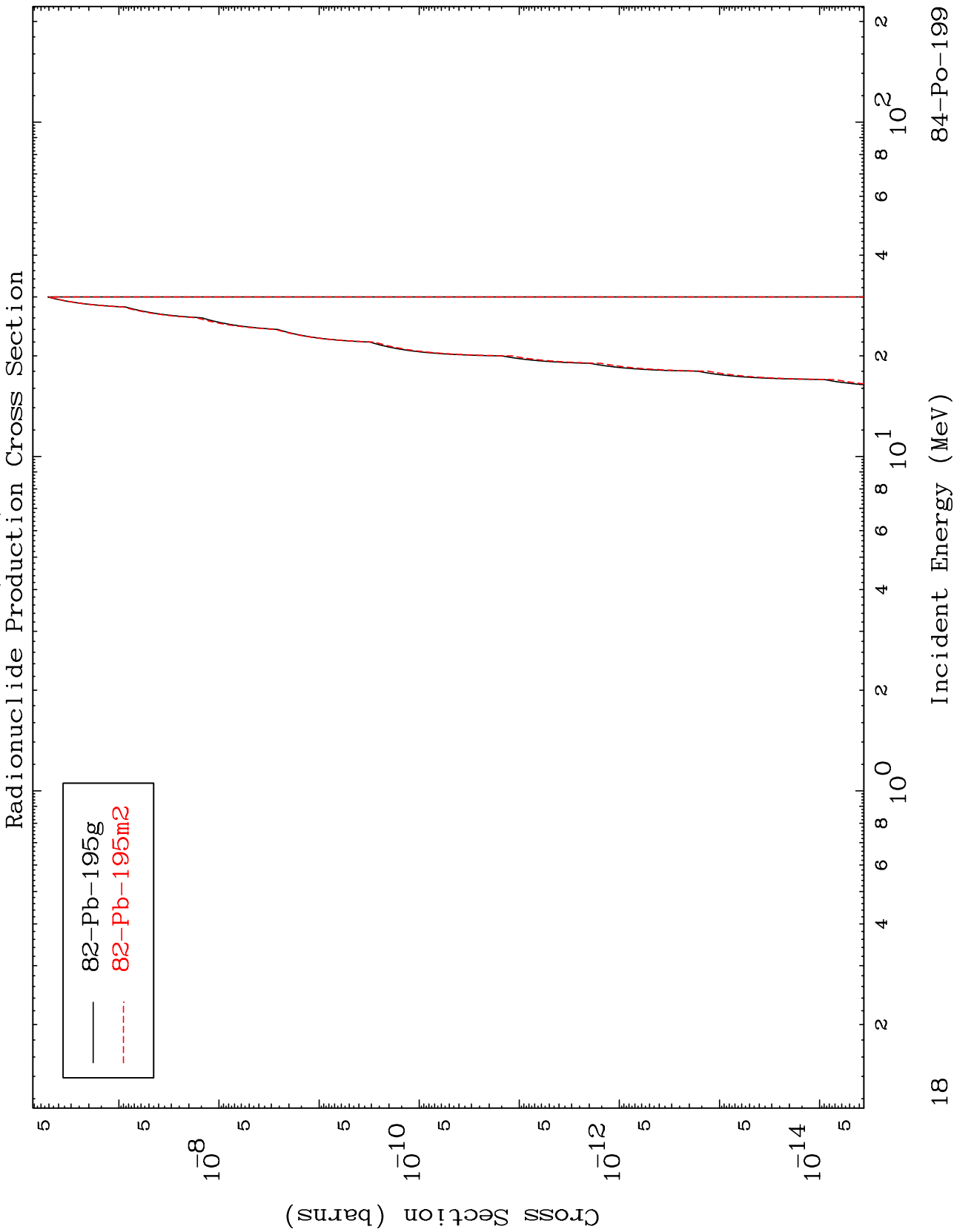
Radionuclide Production Cross Section



MAT 8405

( $\alpha, 2\alpha$ )

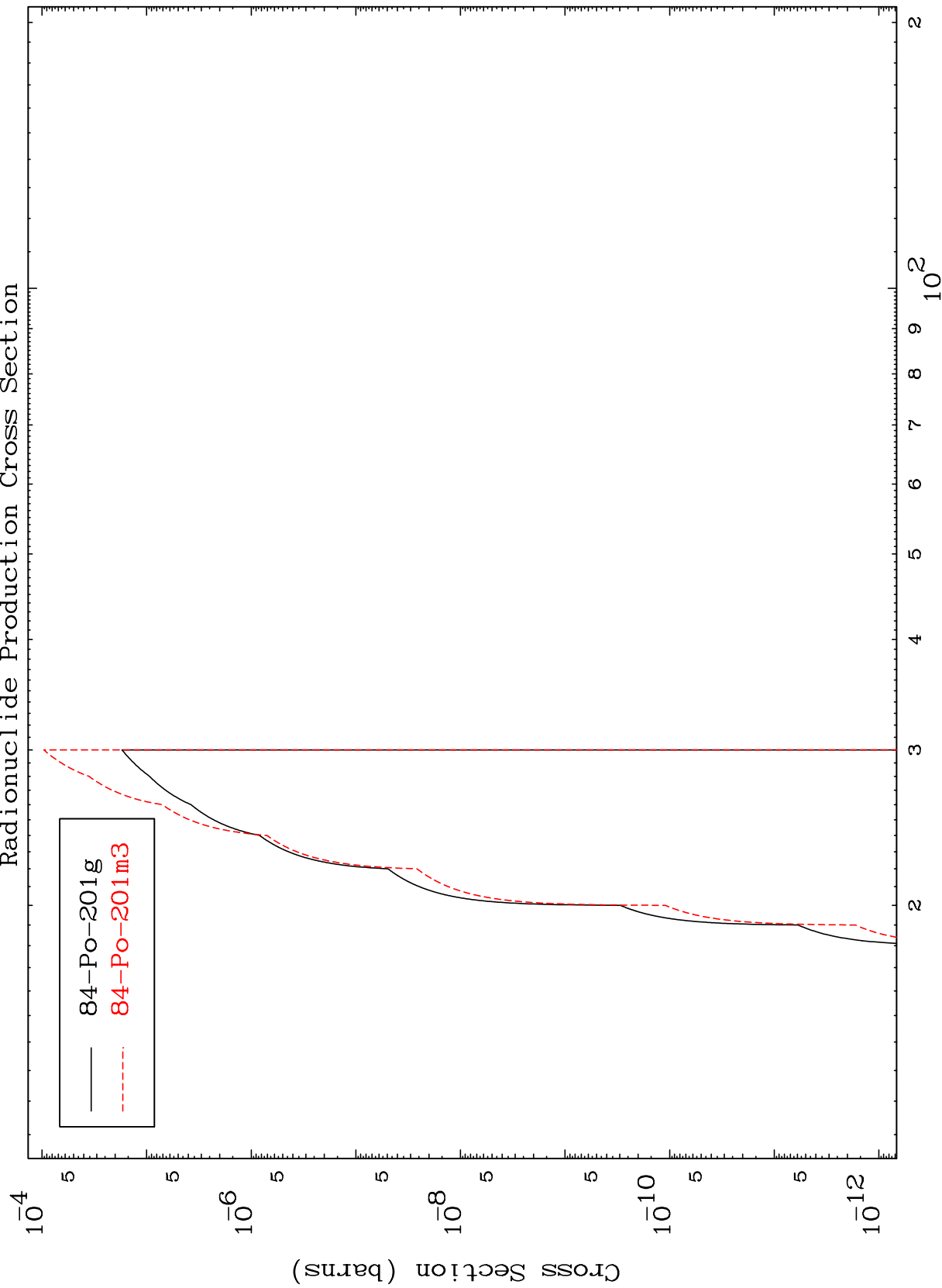
84-Po-199



MAT 8405

84-Po-199

Radionuclide Production Cross Section  
( $\alpha, 2p$ )

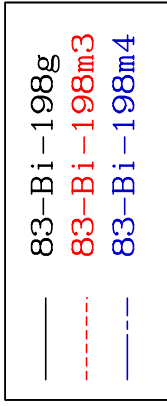
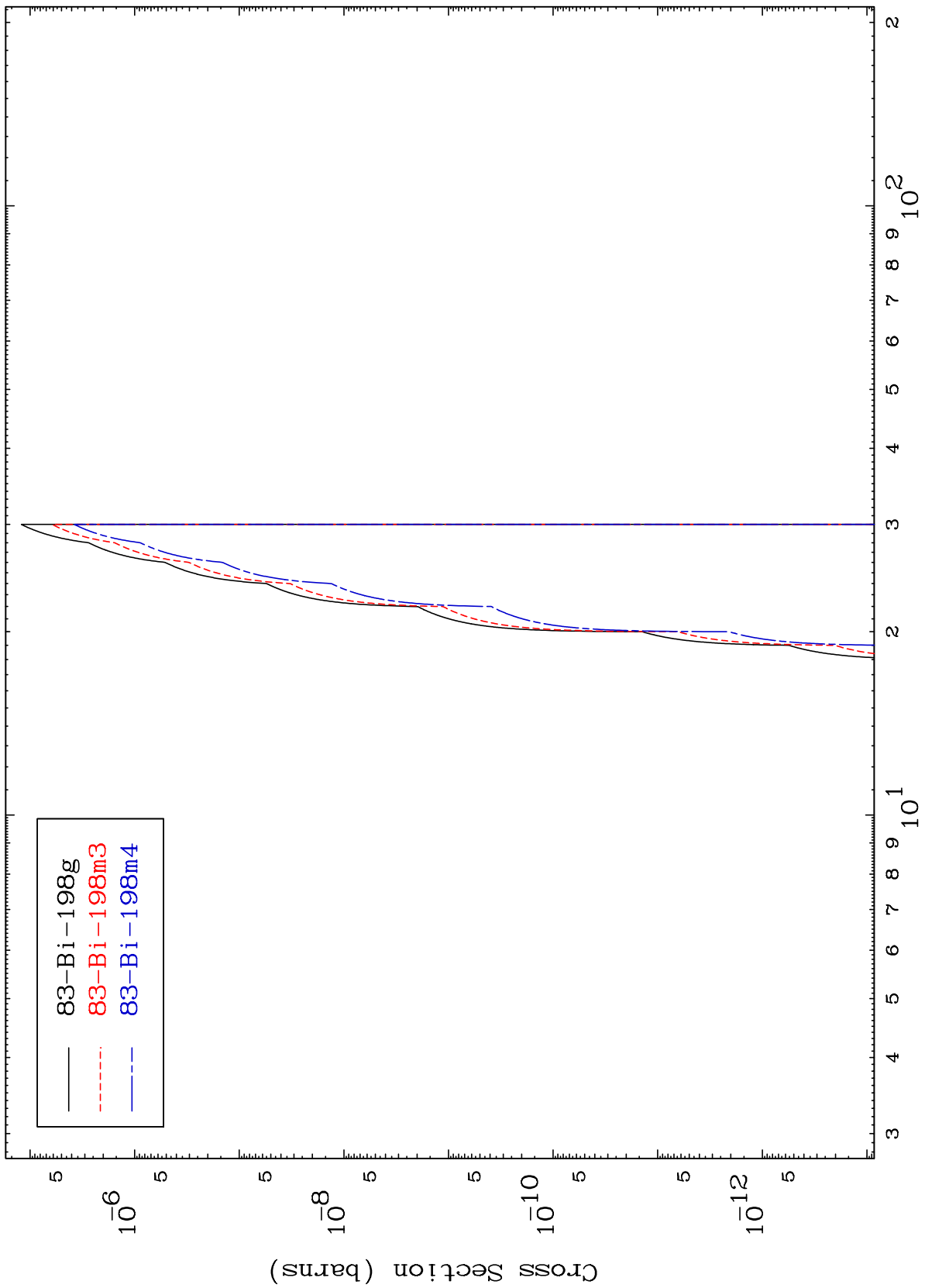


MAT 8405

( $\alpha, p$ )  $\alpha$

84-Po-199

Radionuclide Production Cross Section



20

Incident Energy (MeV)

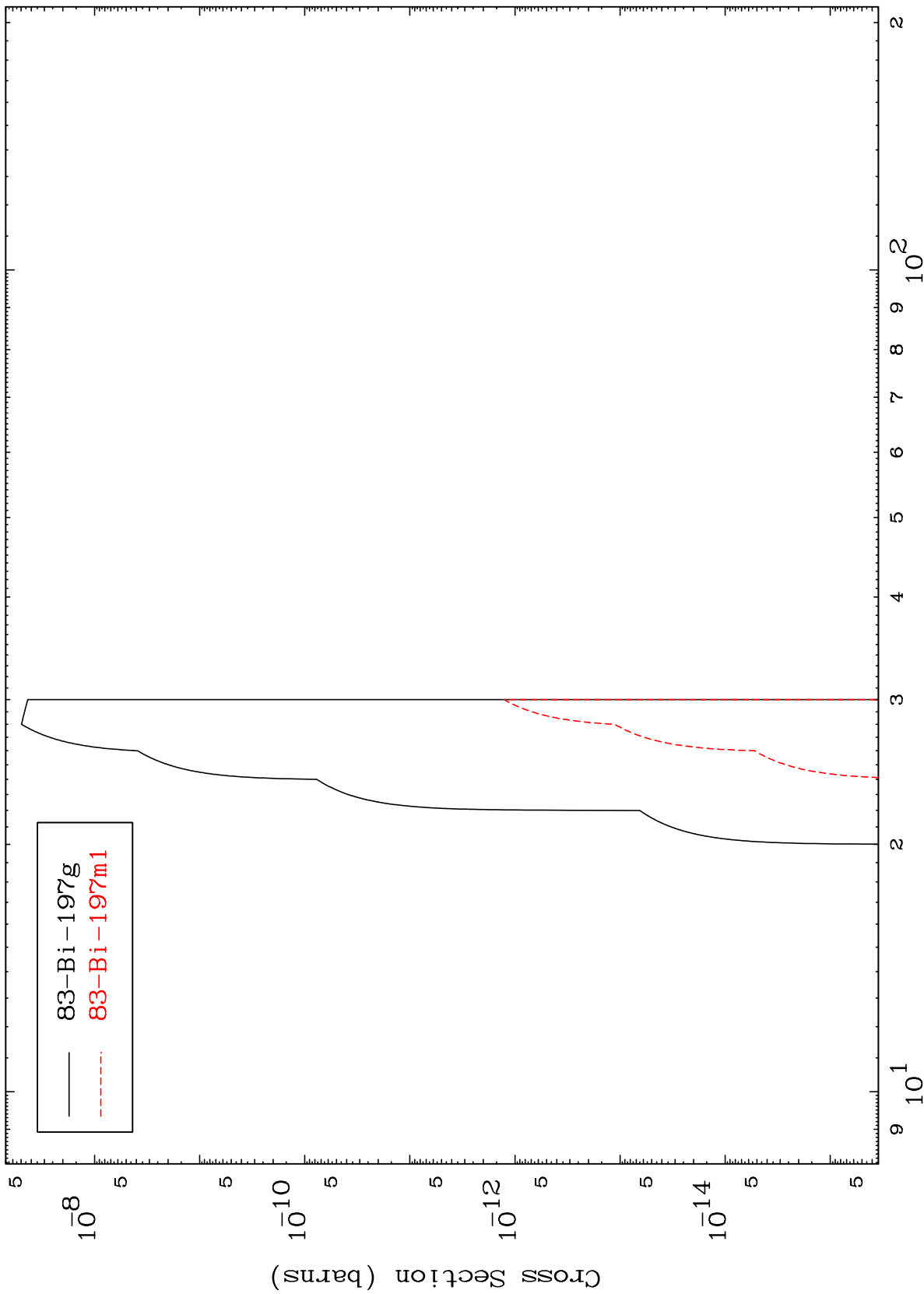
84-Po-199

MAT 8405

( $\alpha, d$ )  $\alpha$

84-Po-199

Radionuclide Production Cross Section



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

21

Incident Energy (MeV)

84-Po-199