

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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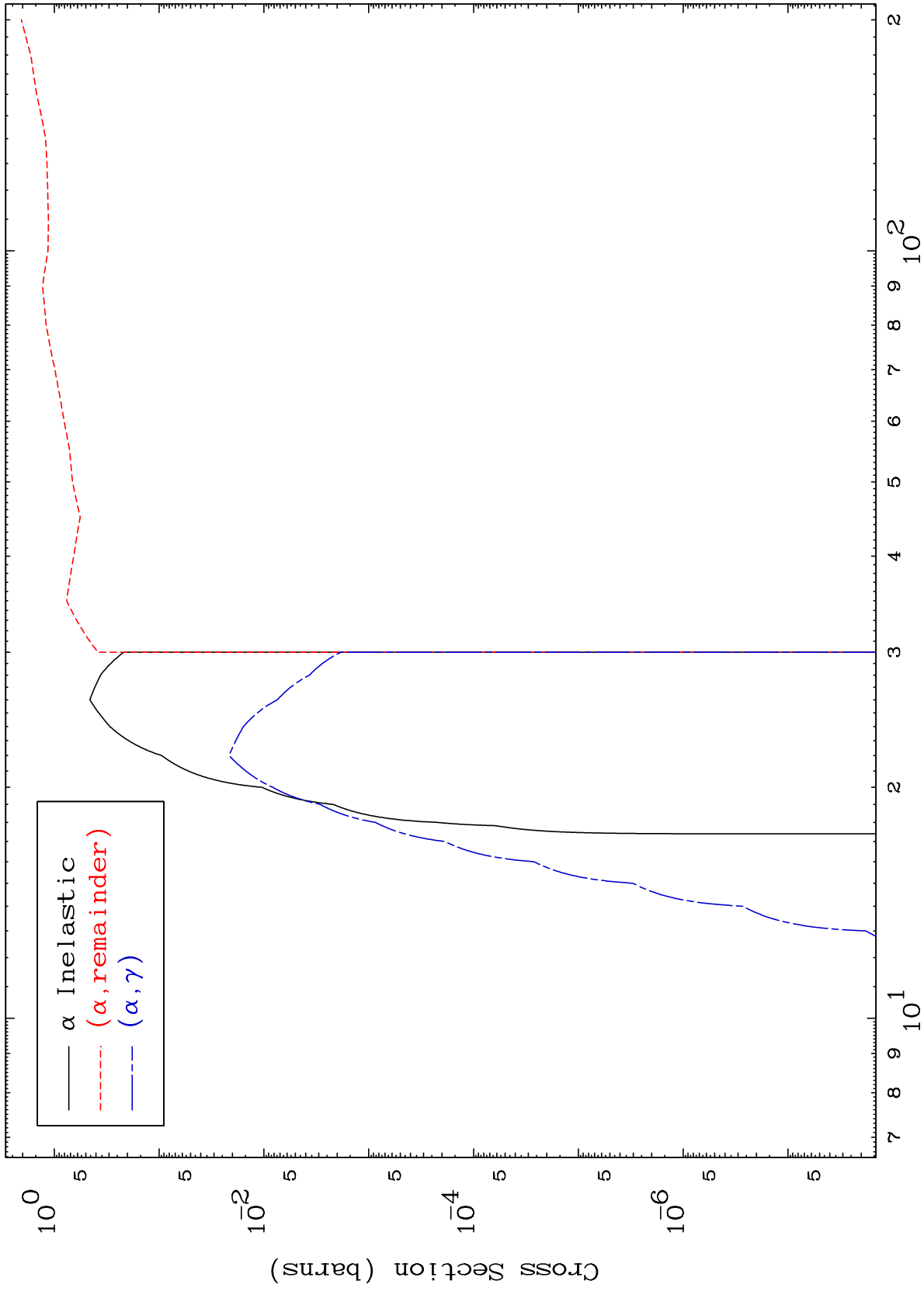
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8401

0 Kelvin  $\alpha$  Major  
Cross Sections

84-Po-198



1

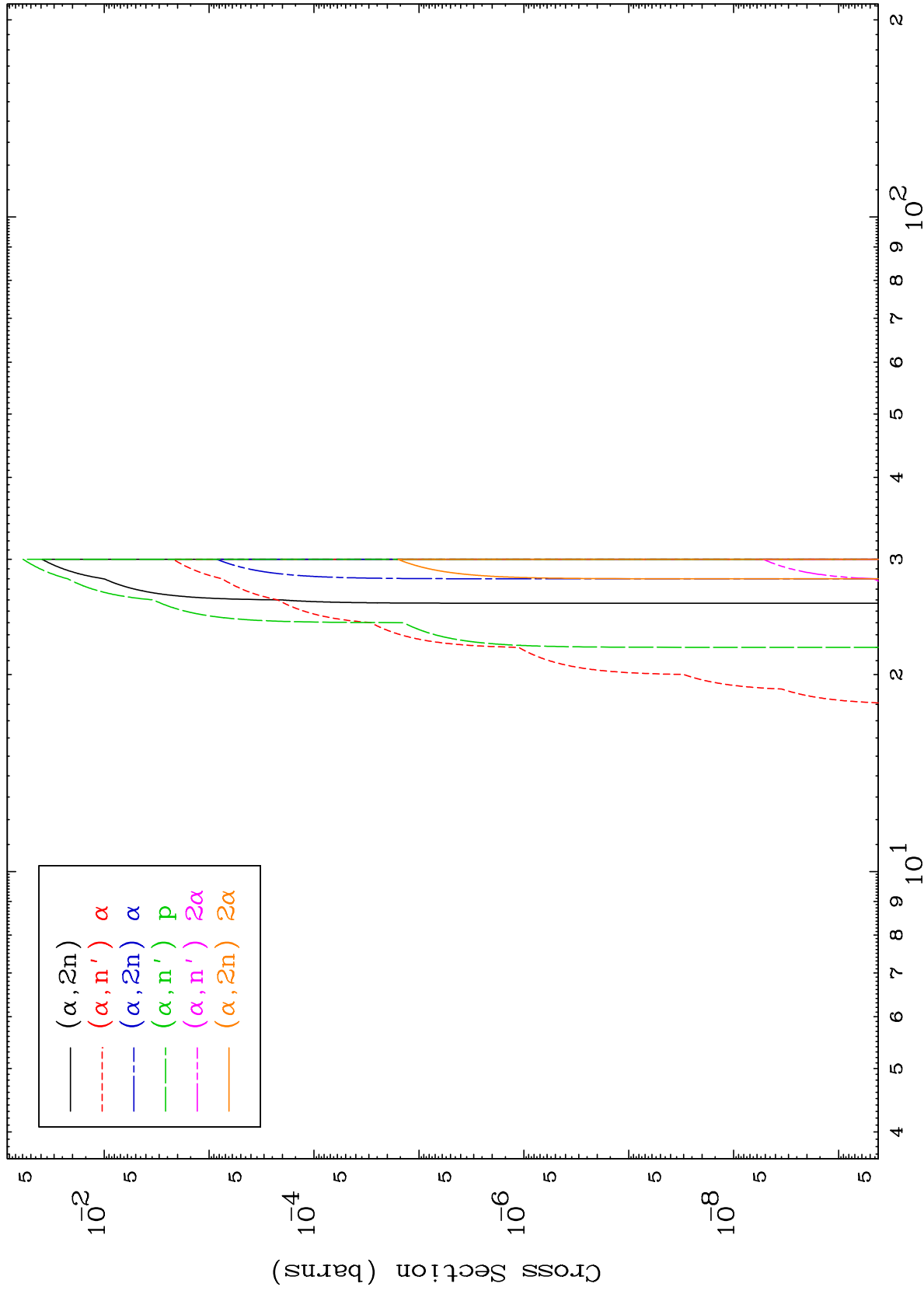
Incident Energy (MeV)

84-Po-198

MAT 8401

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

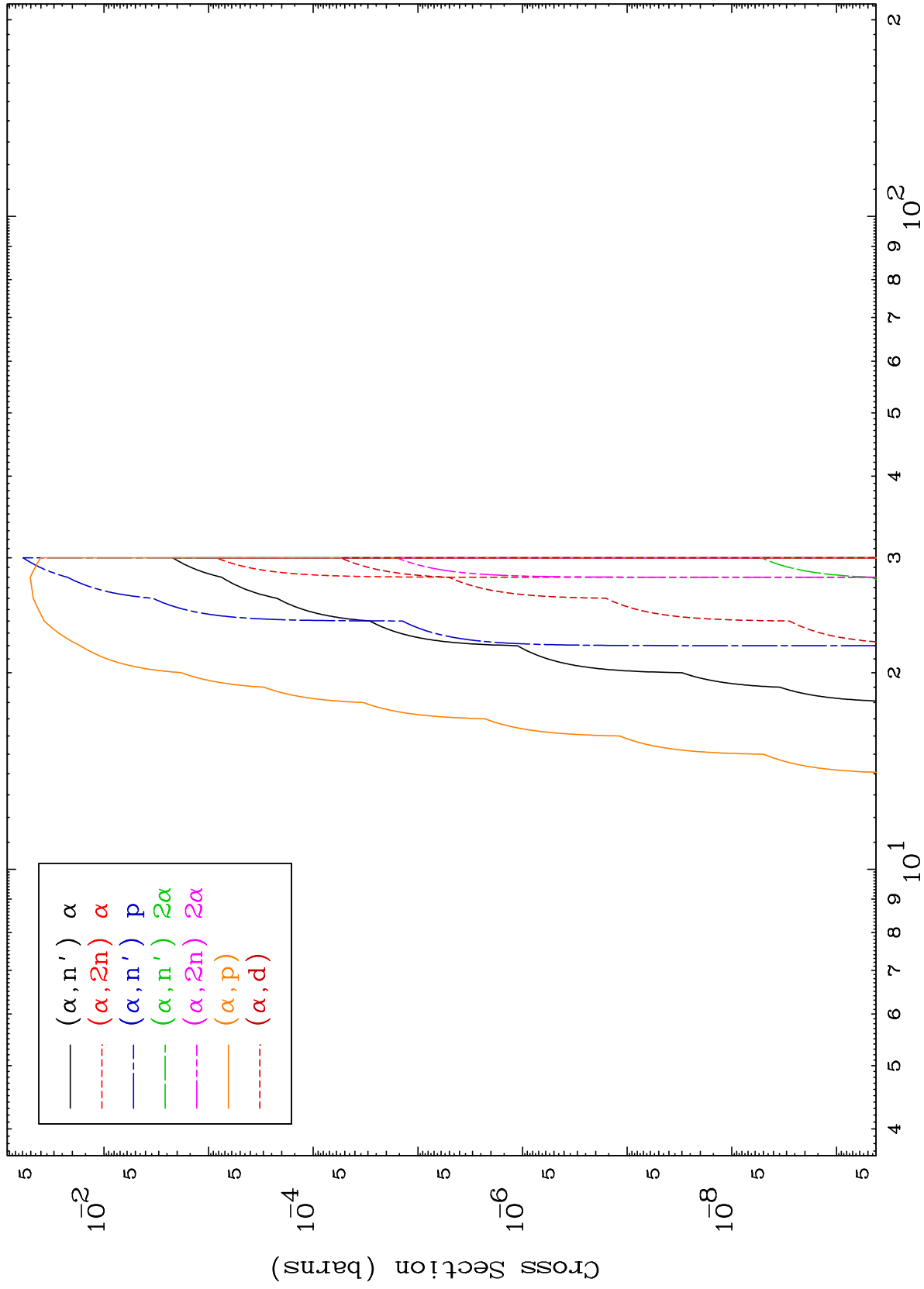
84-Po-198



2

Incident Energy (MeV)

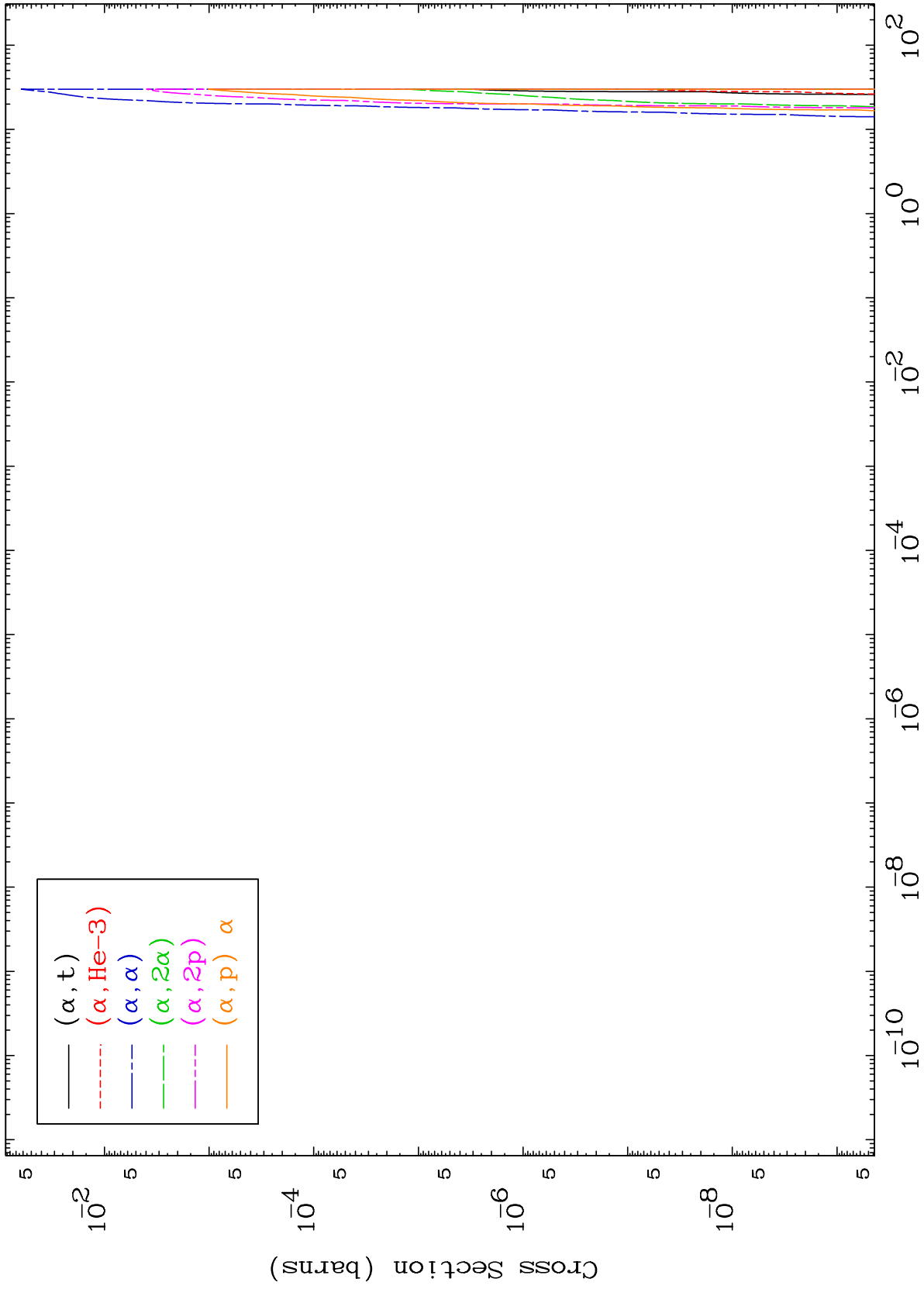
84-Po-198



MAT 8401

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

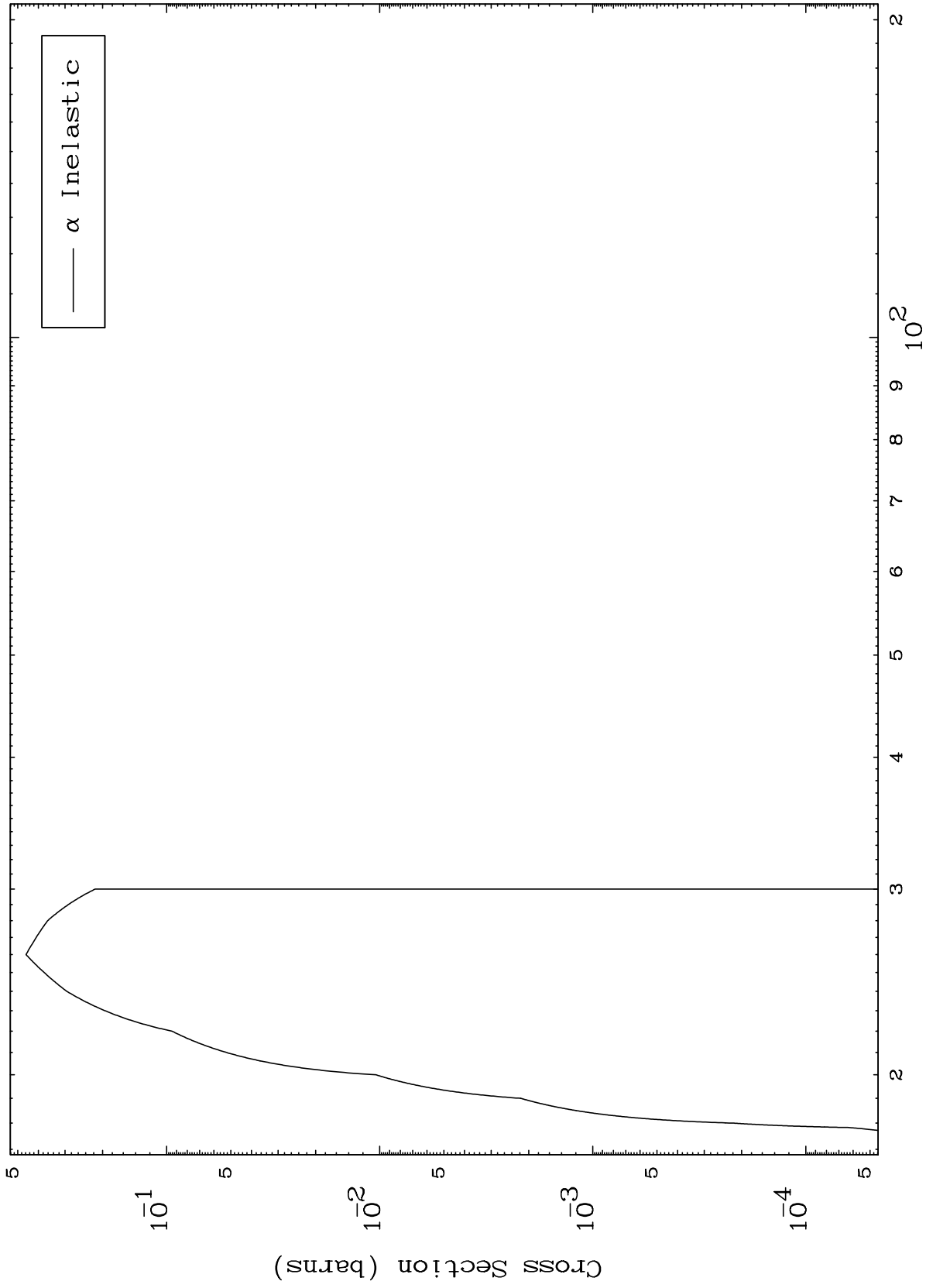
84-Po-198



MAT 8401

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

84-Po-198



5

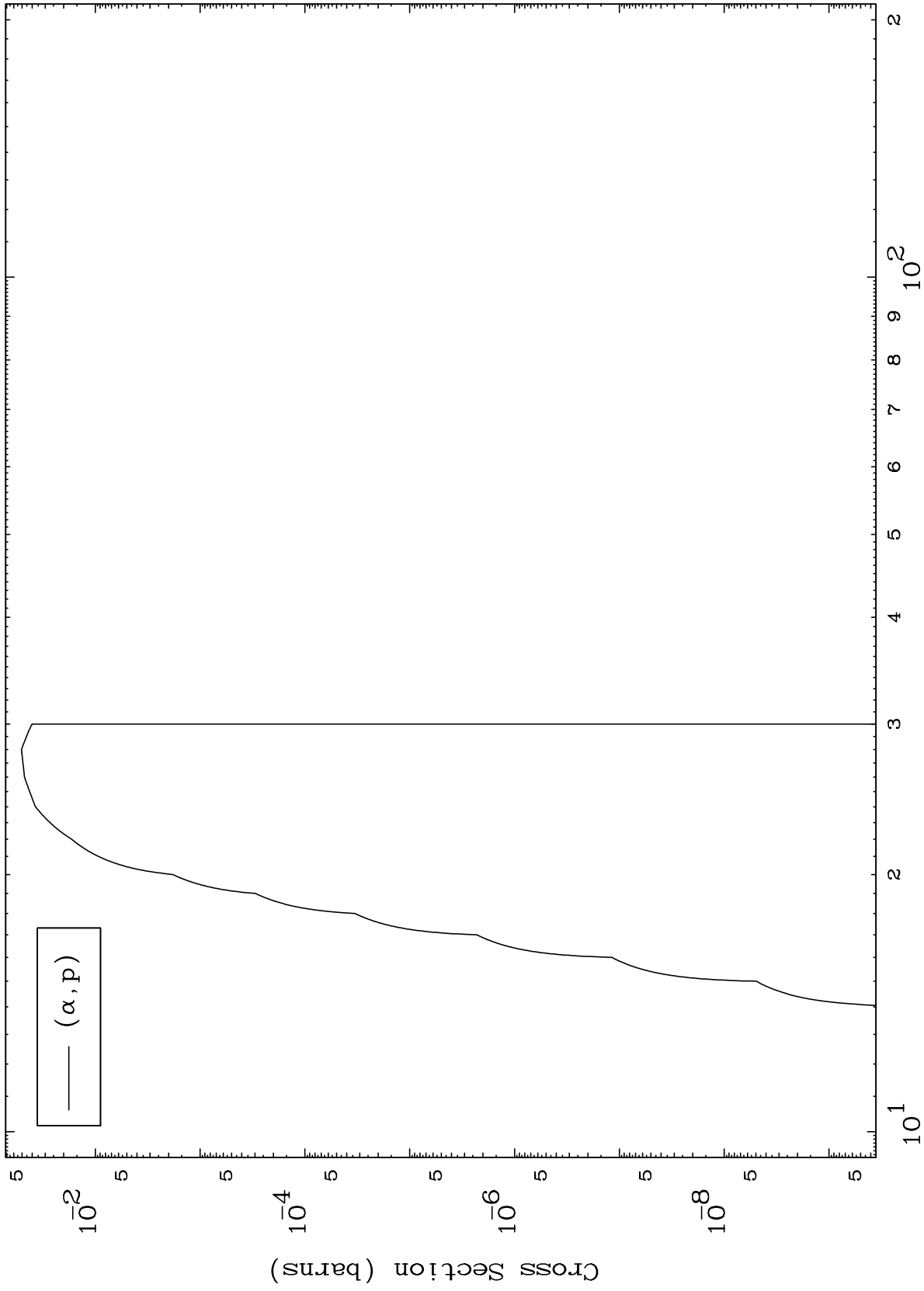
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



6

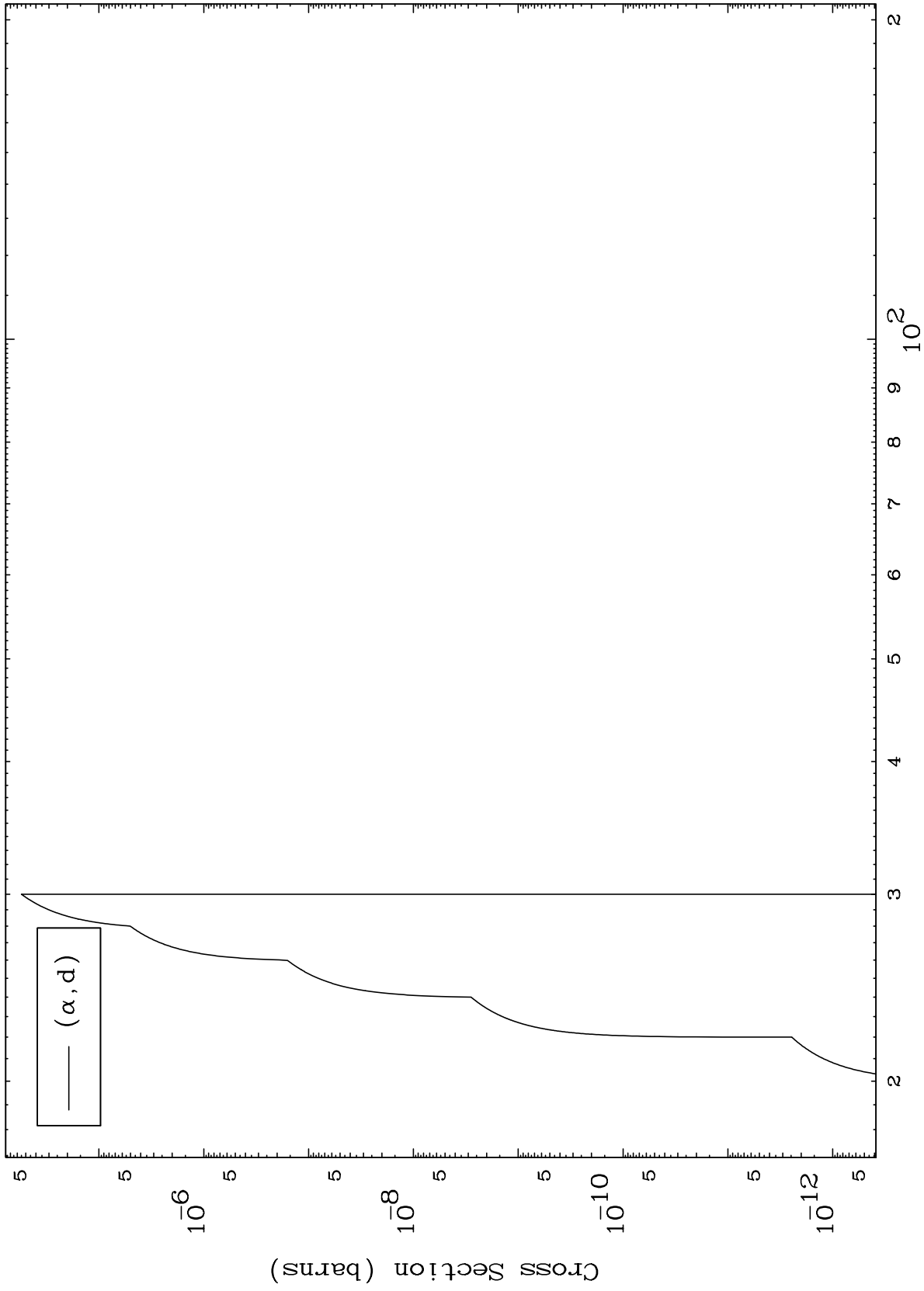
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



7

Incident Energy (MeV)

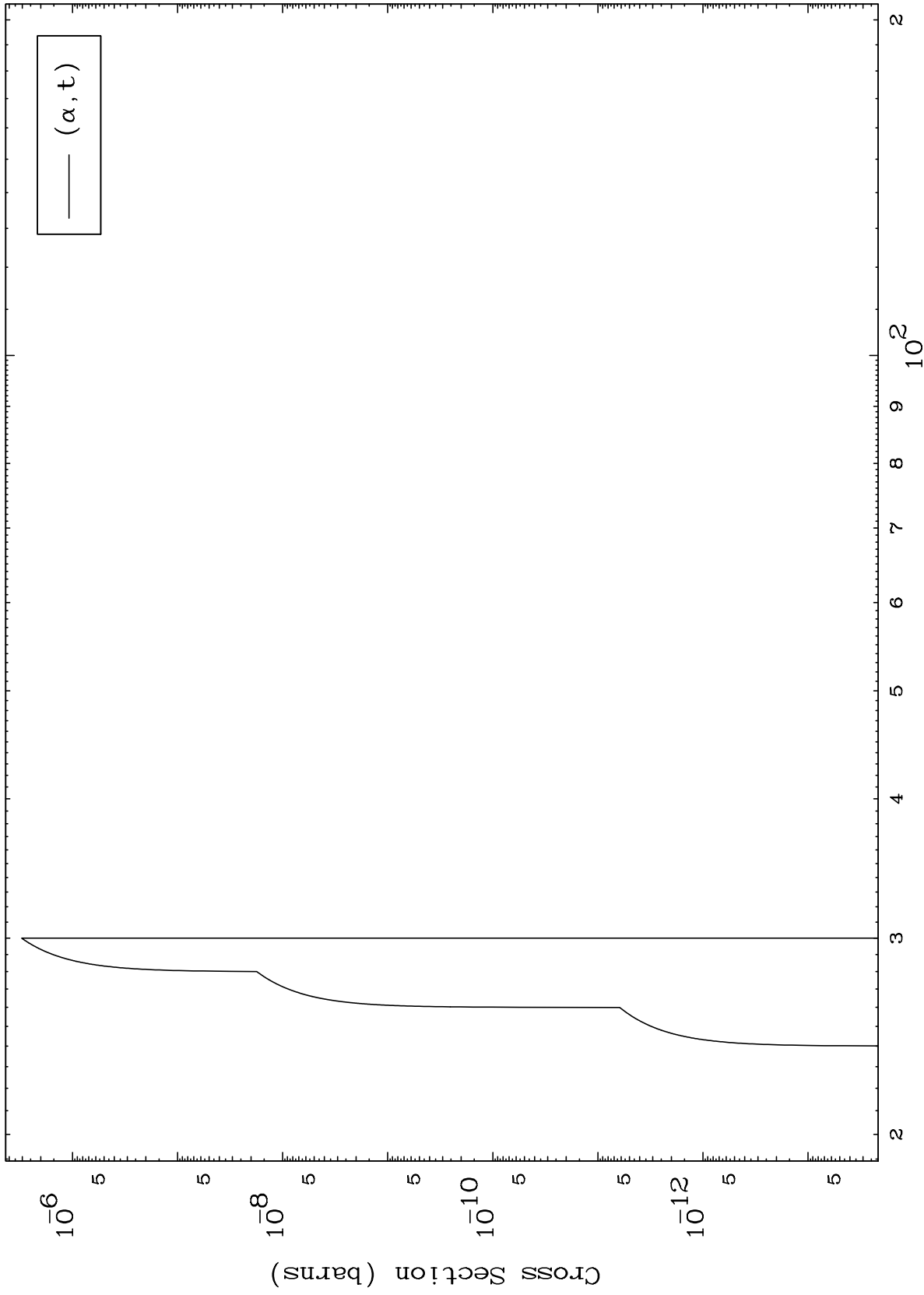
84-Po-198



MAT 8401

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

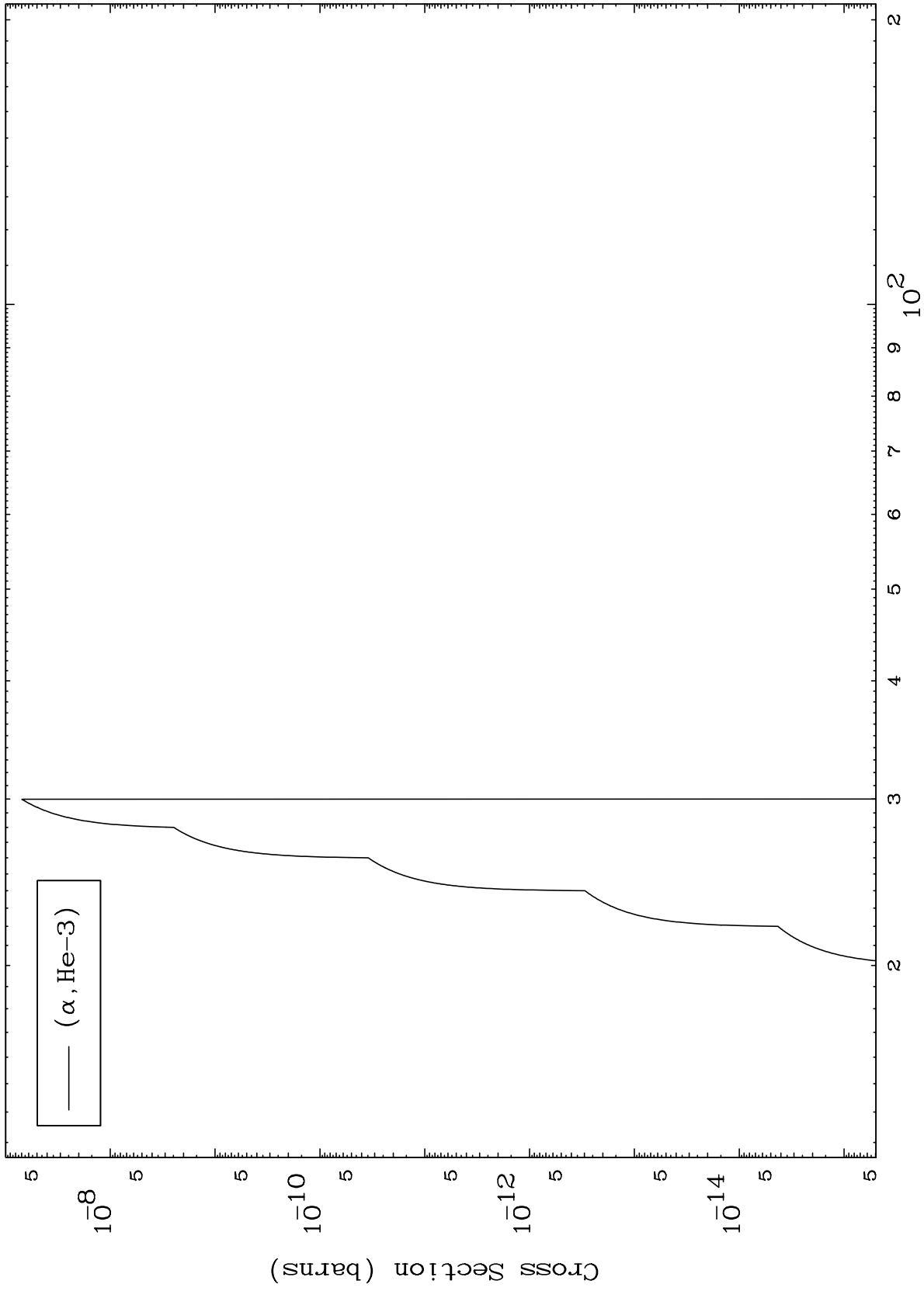
84-Po-198



8

Incident Energy (MeV)

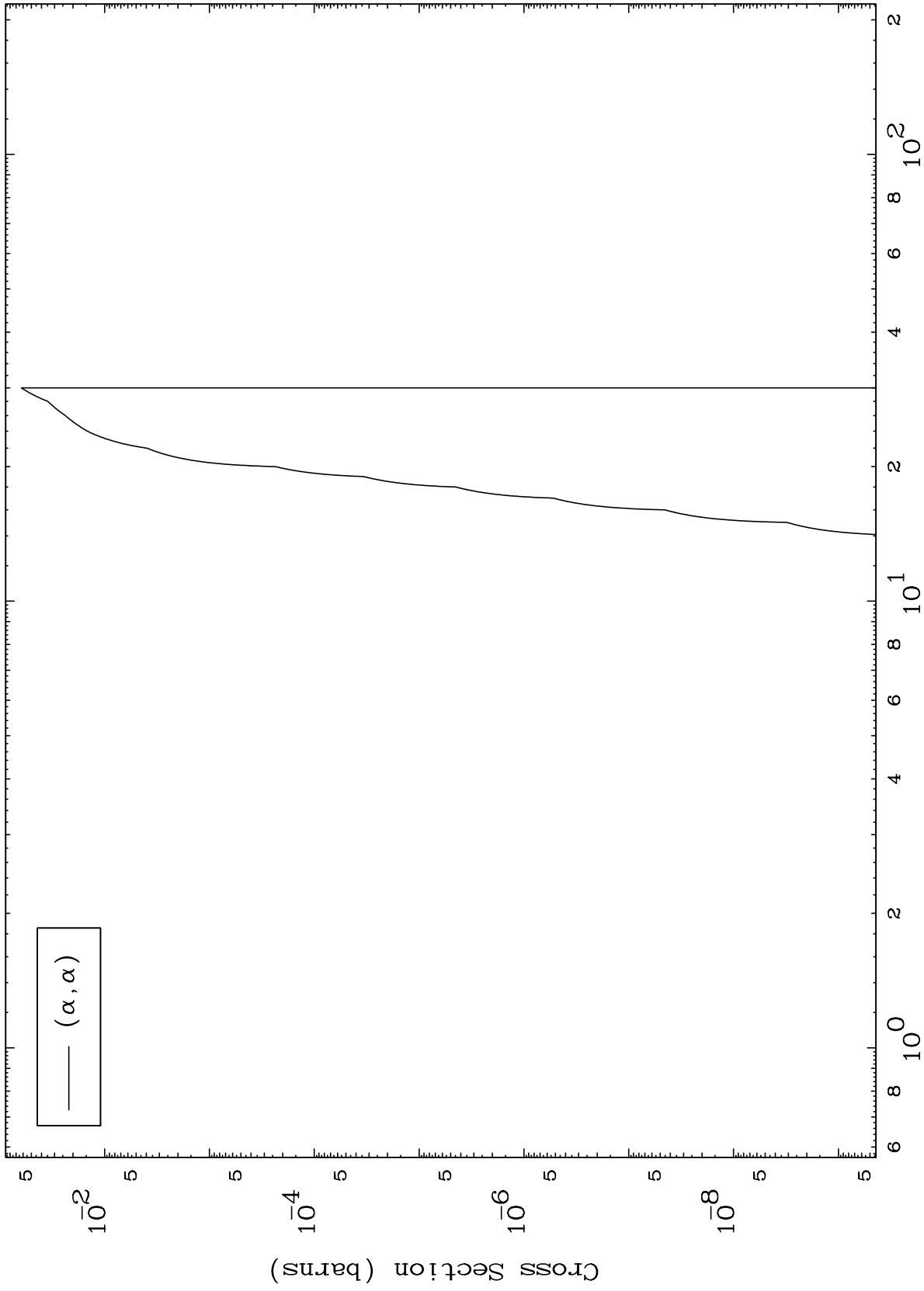
84-Po-198



MAT 8401

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

84-Po-198

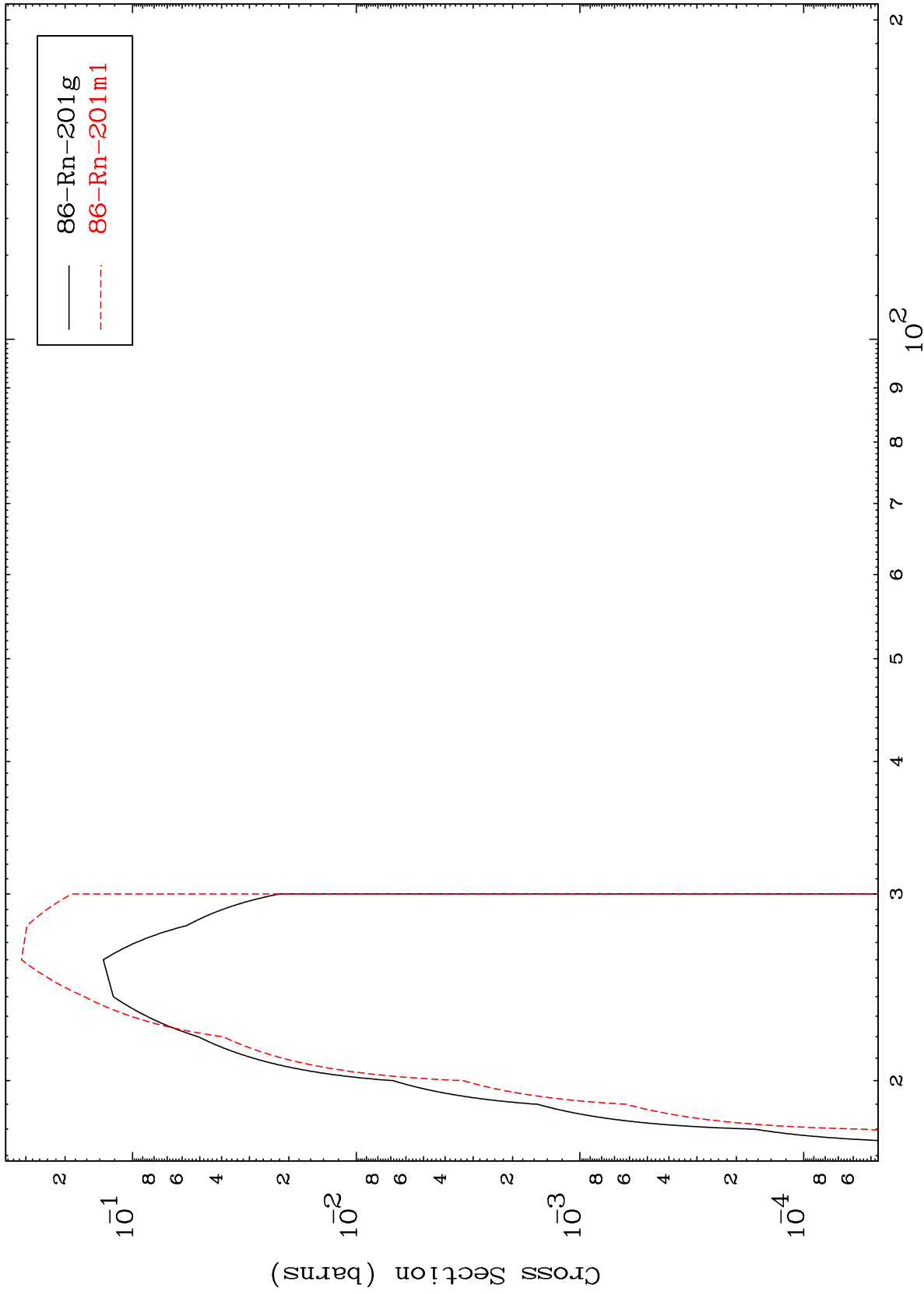


10

Incident Energy (MeV)

84-Po-198

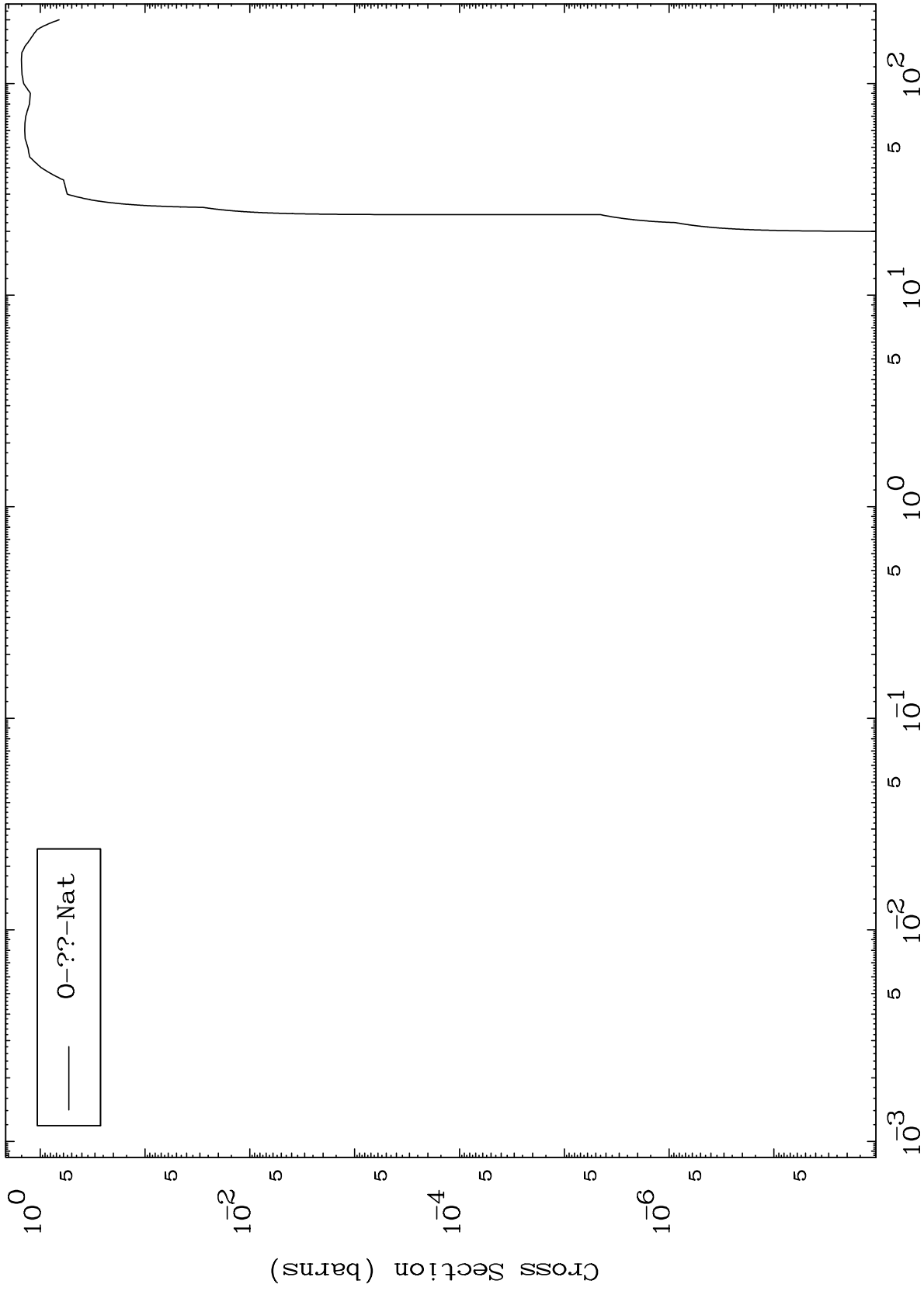
$\alpha$  Inelastic  
Radionuclide Production Cross Section



MAT 8401

$\alpha$  Fission  
Radionuclide Production Cross Section

84-Po-198



12

Incident Energy (MeV)

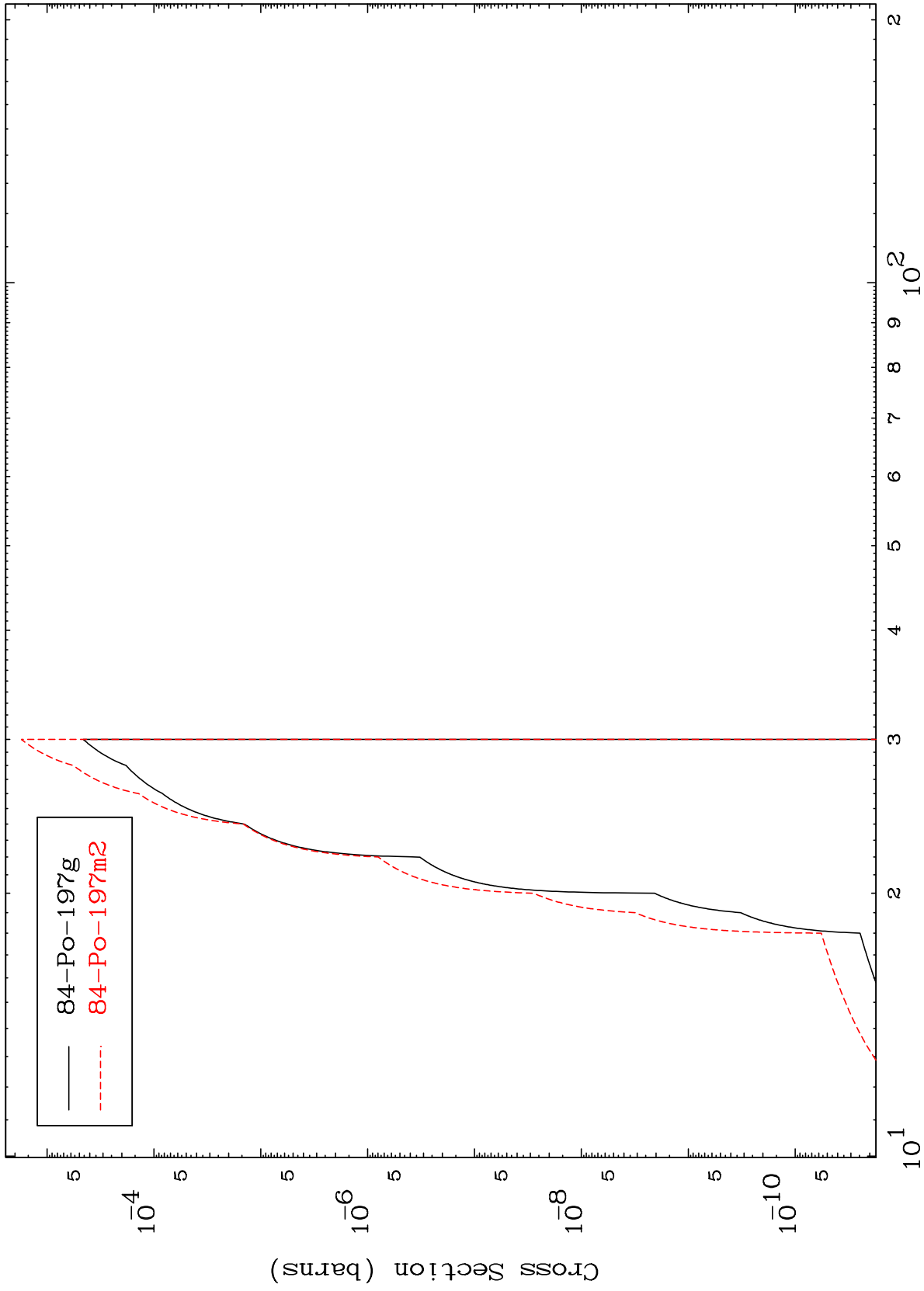
84-Po-198

MAT 8401

( $\alpha, n'$ )  $\alpha$

84-Po-198

Radionuclide Production Cross Section



13

Incident Energy (MeV)

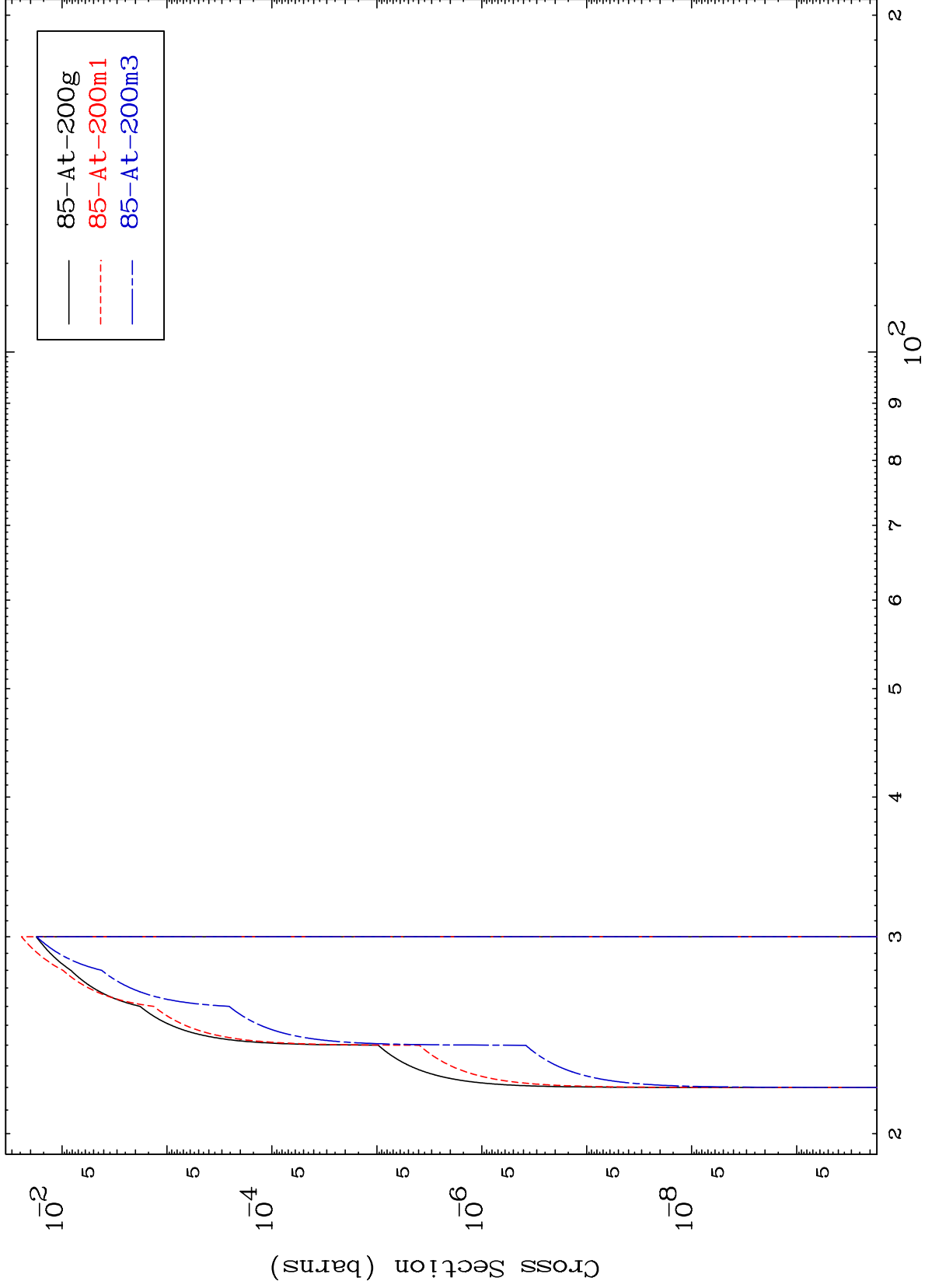
84-Po-198

MAT 8401

( $\alpha, n'$ ) p

84-Po-198

Radionuclide Production Cross Section



14

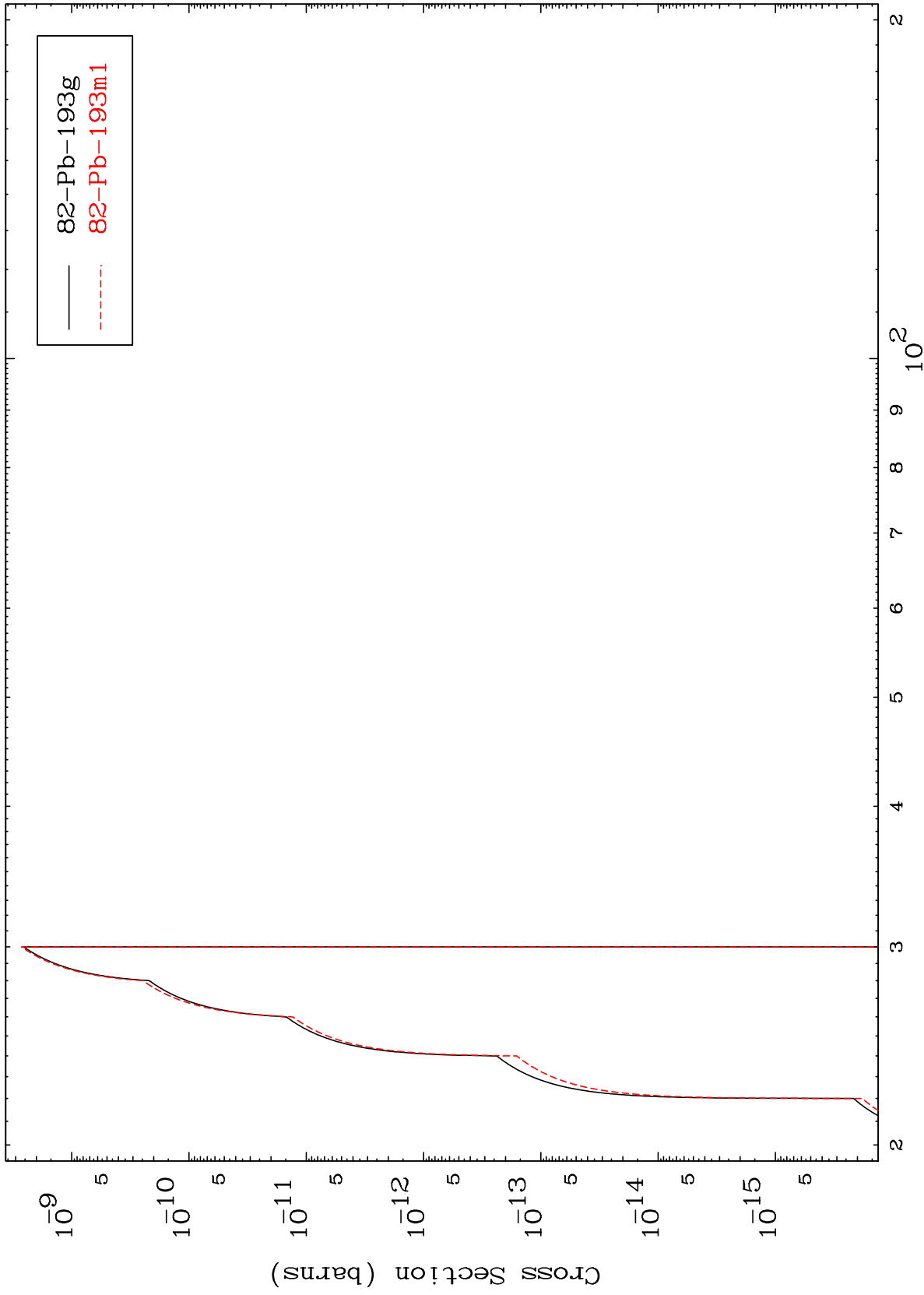
Incident Energy (MeV)

84-Po-198

MAT 8401

84-Po-198

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



15

Incident Energy (MeV)

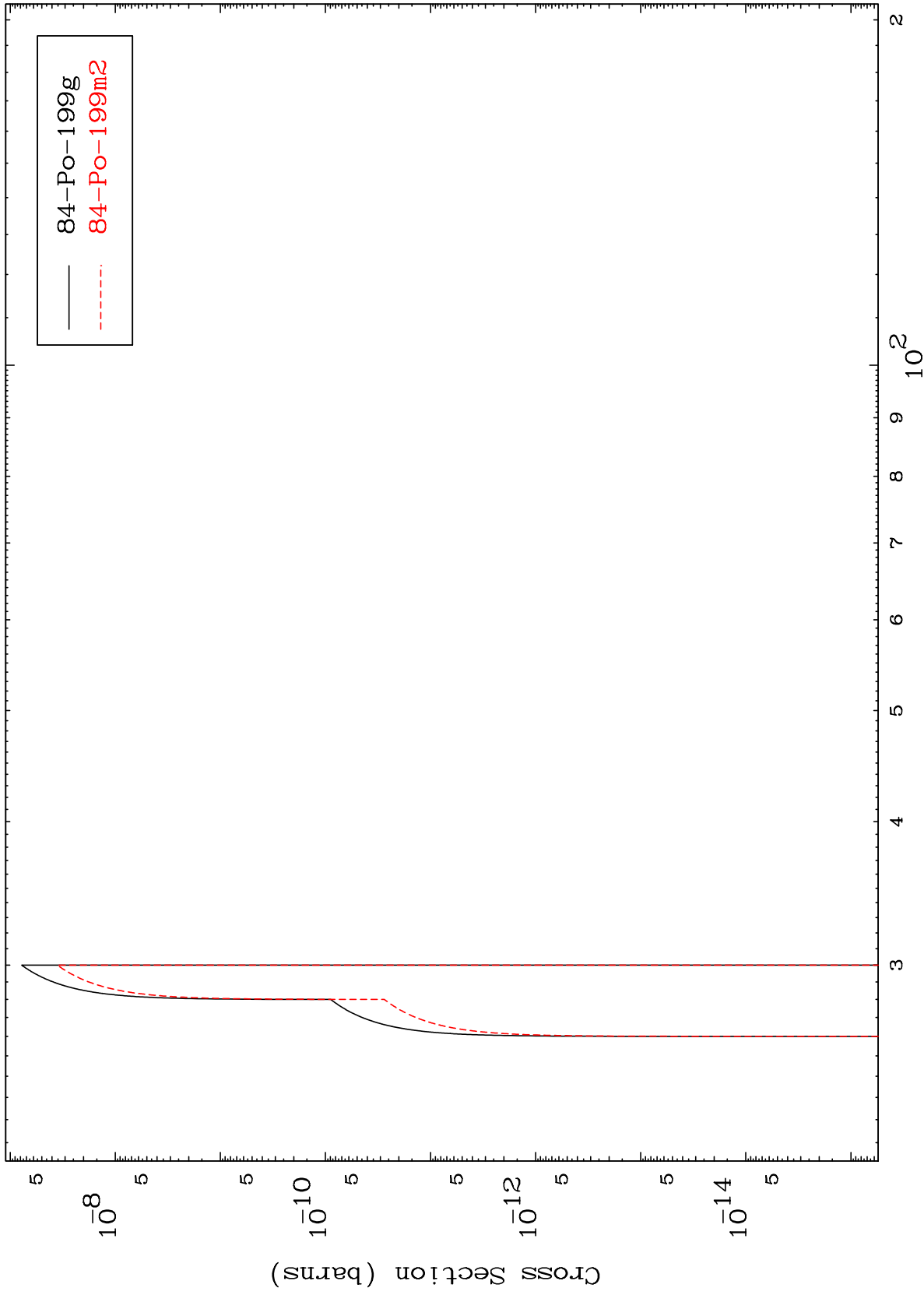
84-Po-198



MAT 8401

84-Po-198

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



16

Incident Energy (MeV)

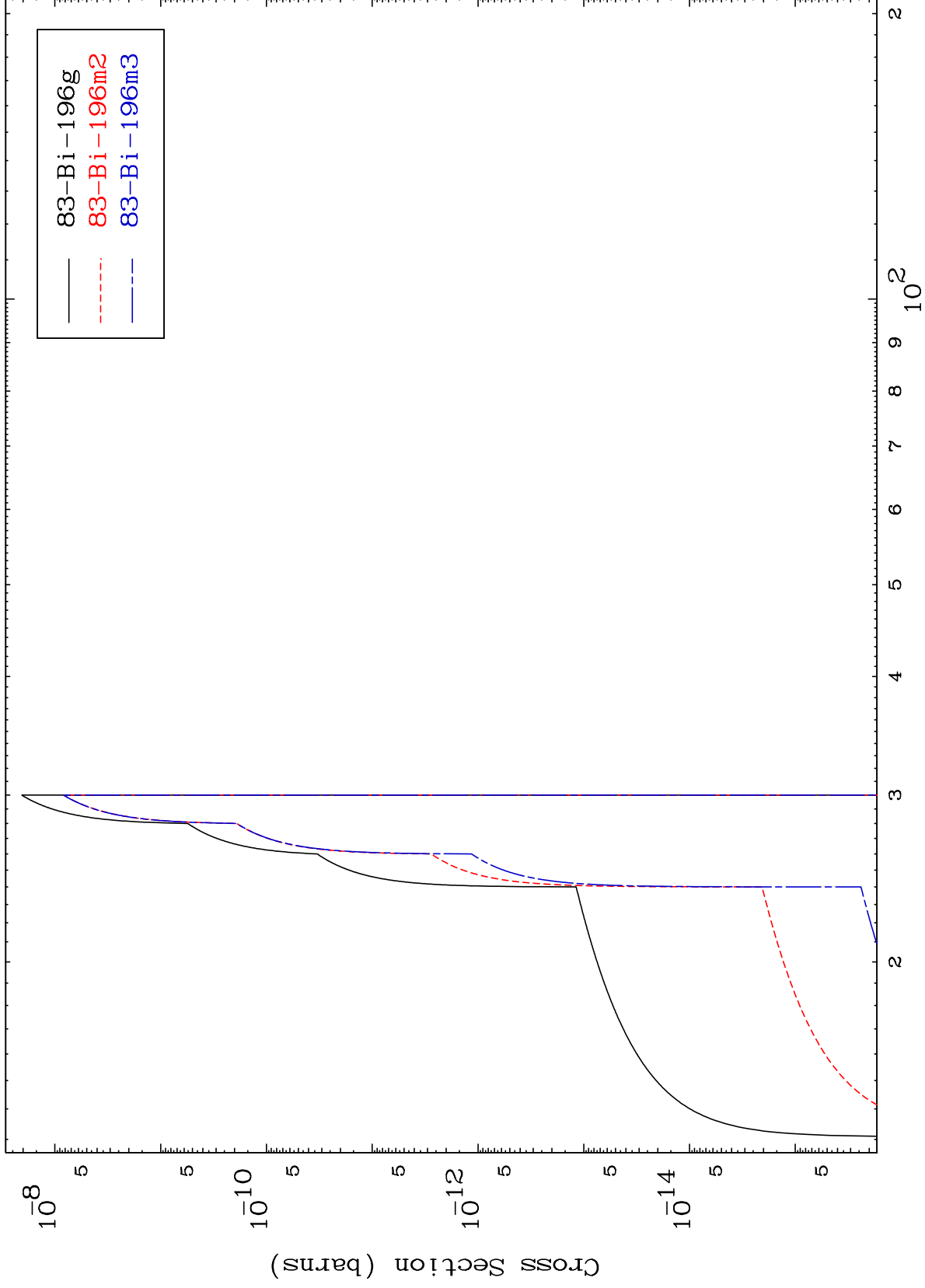
84-Po-198

MAT 8401

$(\alpha, n')$  p  $\alpha$

84-Po-198

Radionuclide Production Cross Section



17

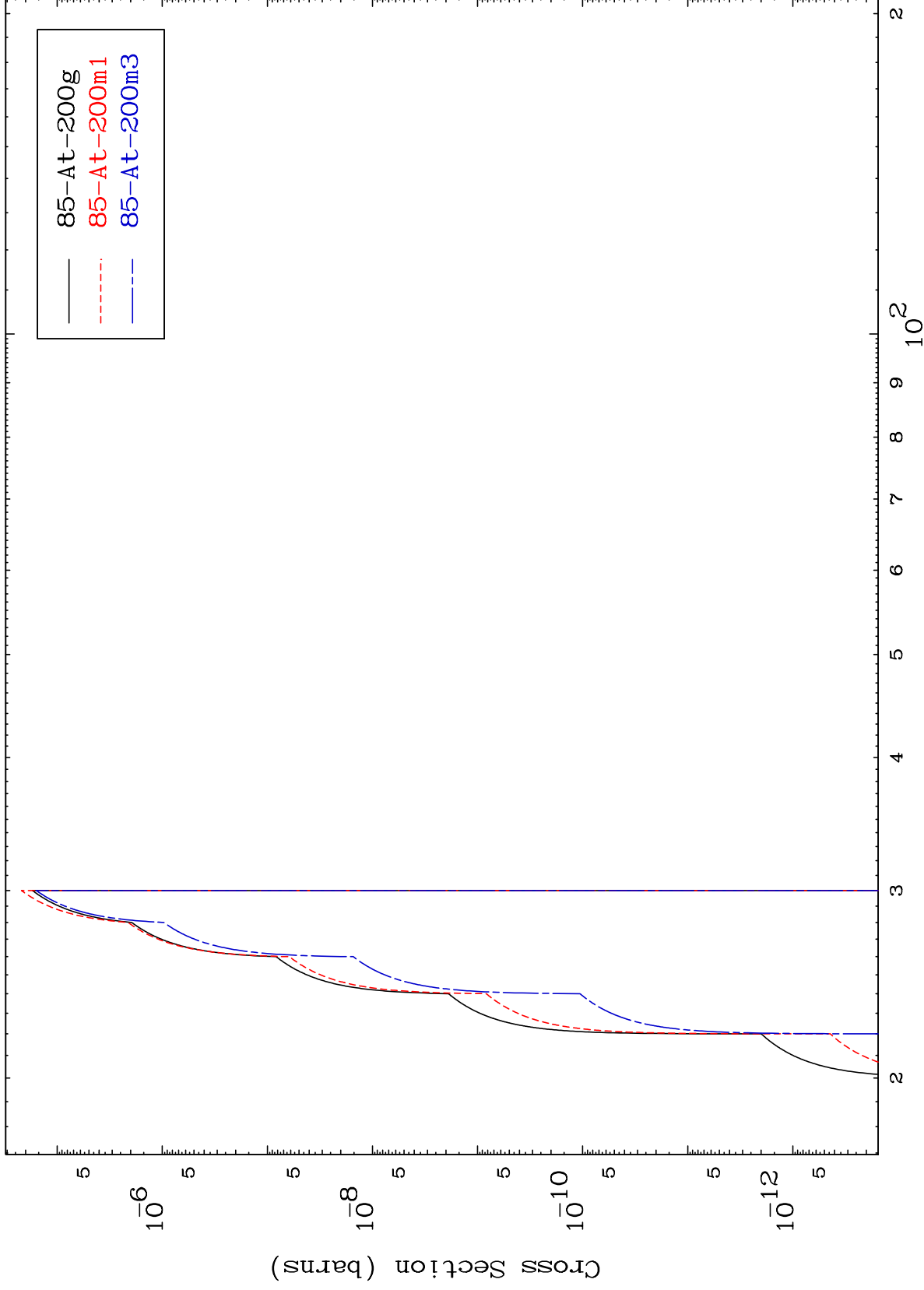
Incident Energy (MeV)

84-Po-198

MAT 8401

84-Po-198

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



18

Incident Energy (MeV)

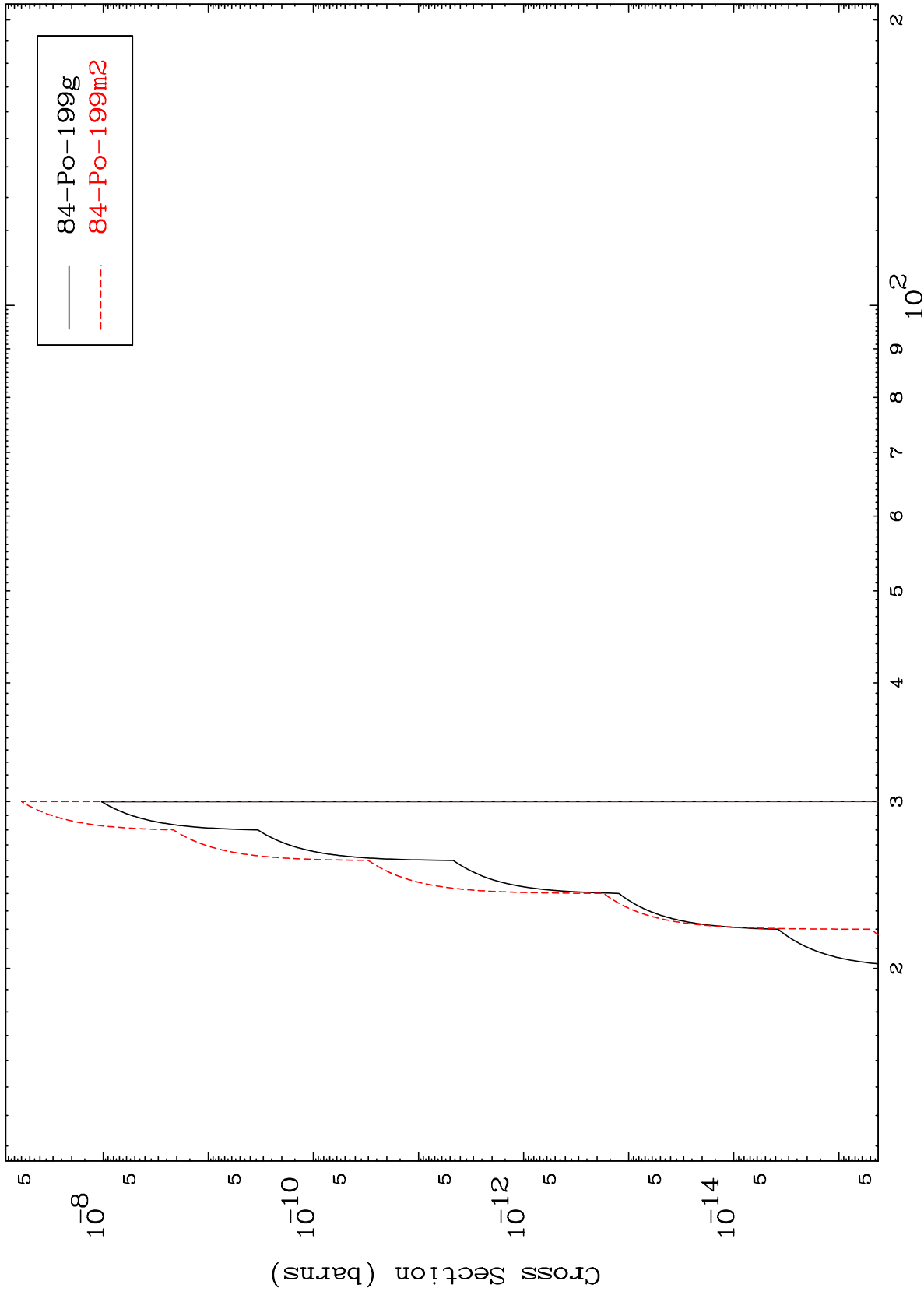
84-Po-198

MAT 8401

( $\alpha, \text{He-3}$ )

84-Po-198

Radionuclide Production Cross Section



19

Incident Energy (MeV)

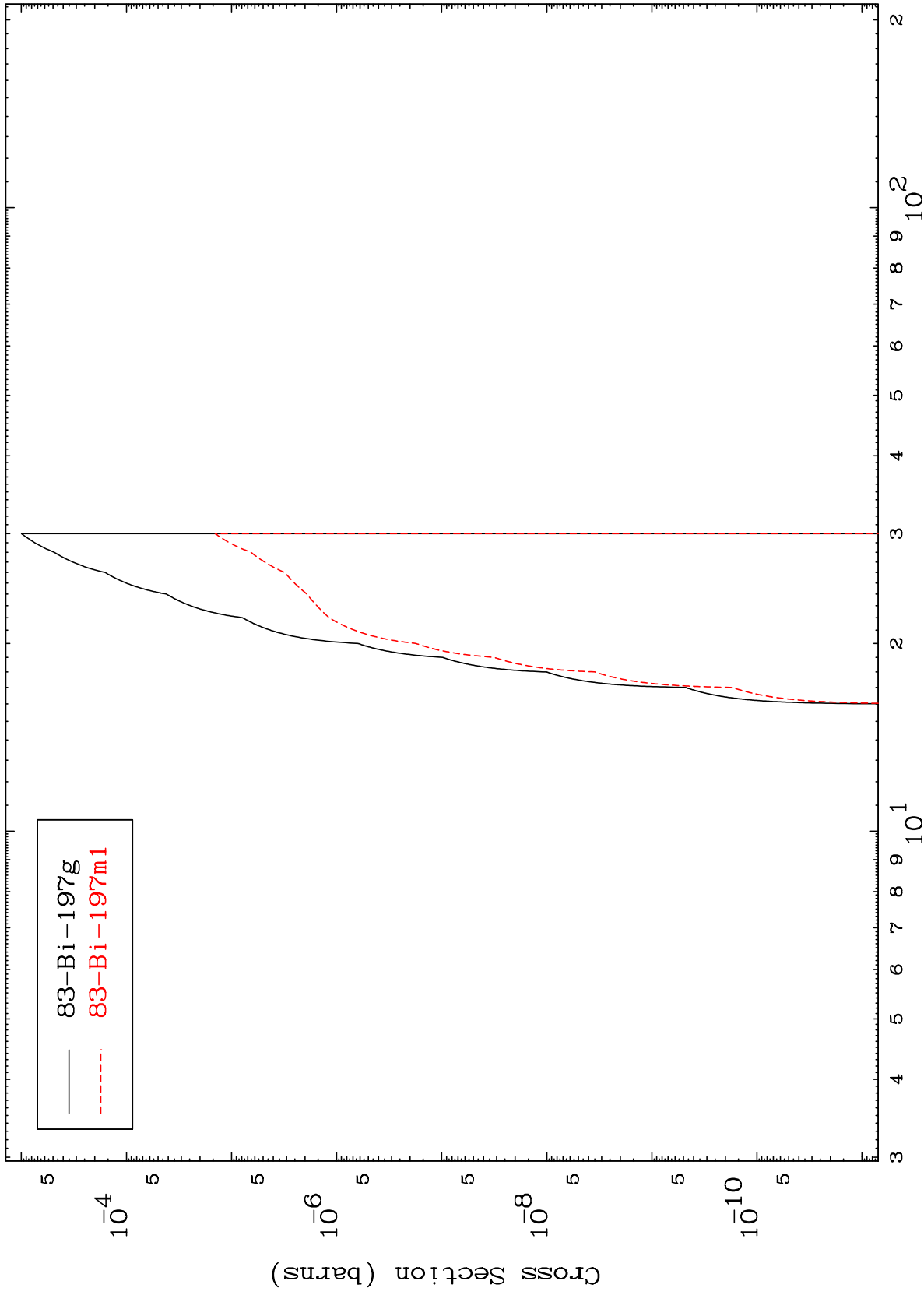
84-Po-198

MAT 8401

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

84-Po-198

Radionuclide Production Cross Section



20

Incident Energy (MeV)

84-Po-198