

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

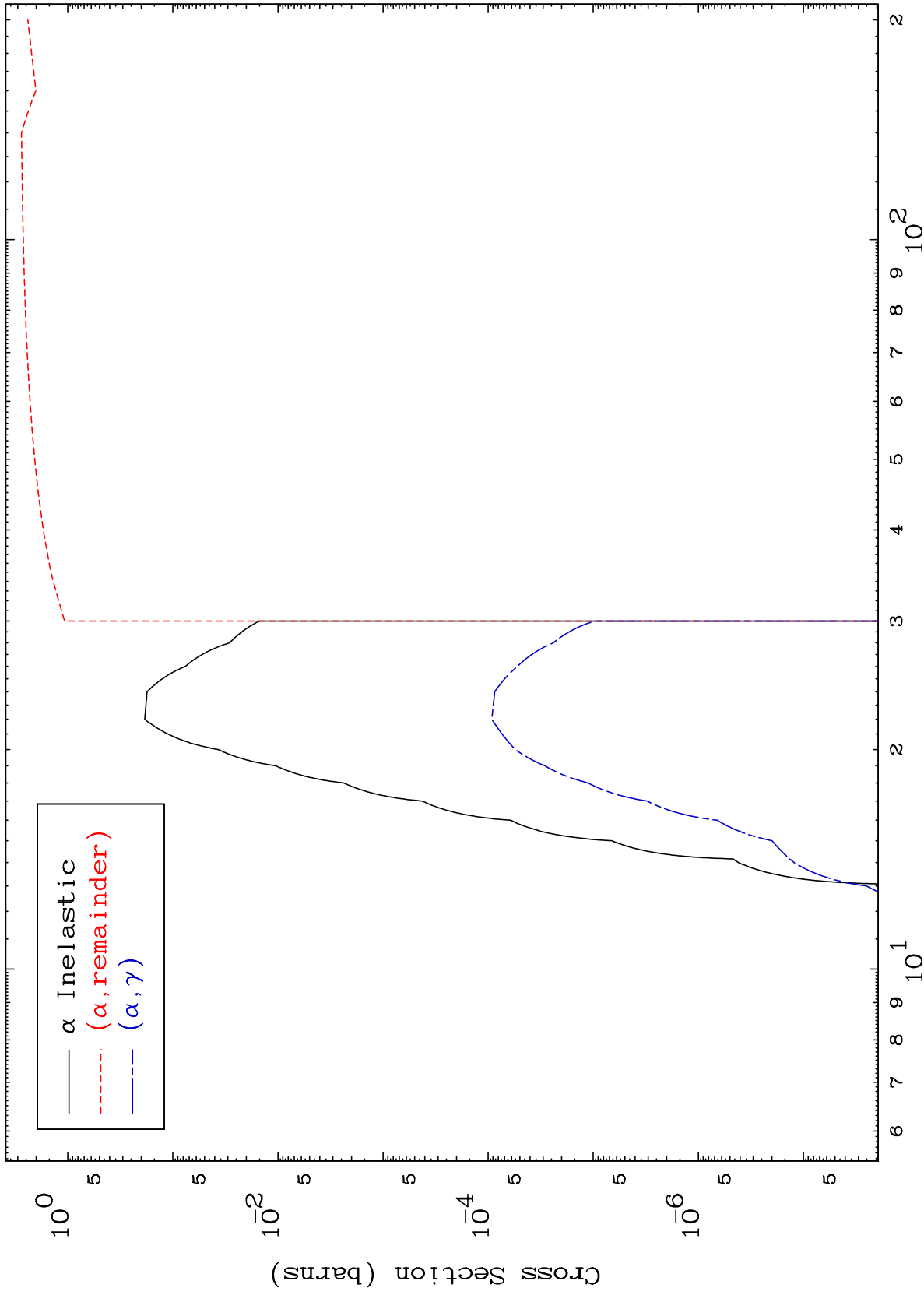
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8316

0 Kelvin  $\alpha$  Major  
Cross Sections

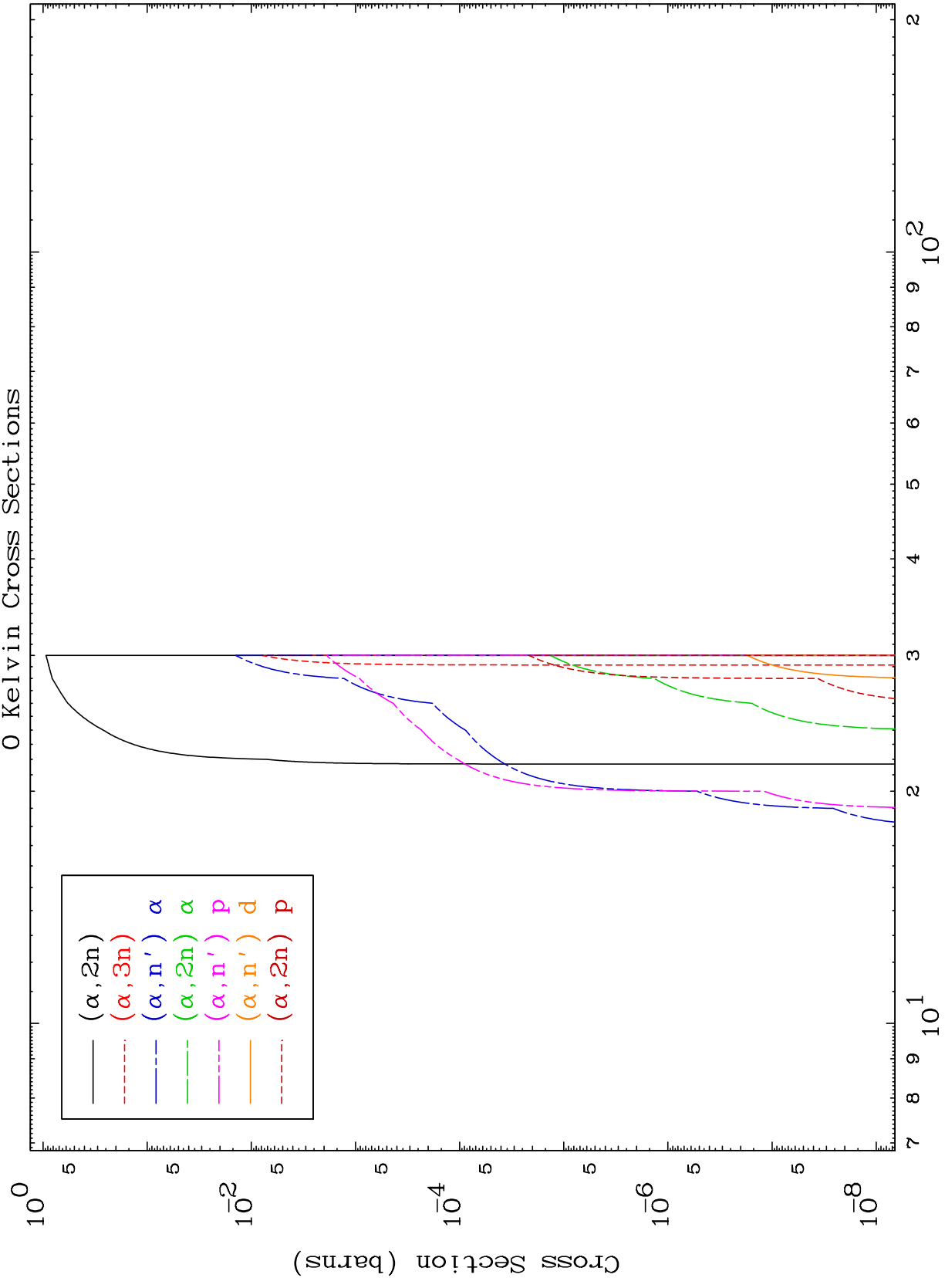
83-Bi-206



MAT 8316

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

83-Bi-206



2

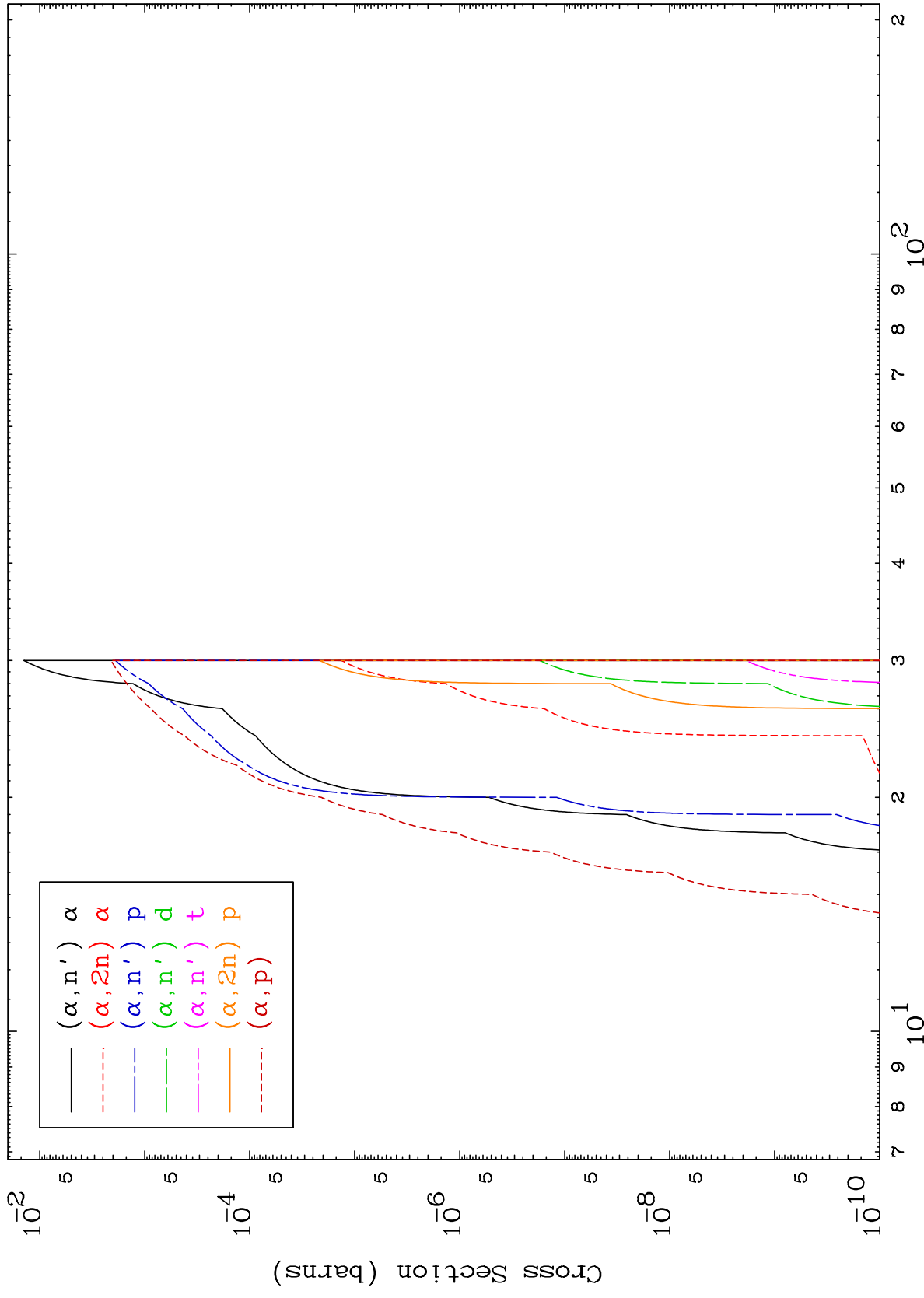
Incident Energy (MeV)

83-Bi-206

MAT 8316

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

83-Bi-206



3

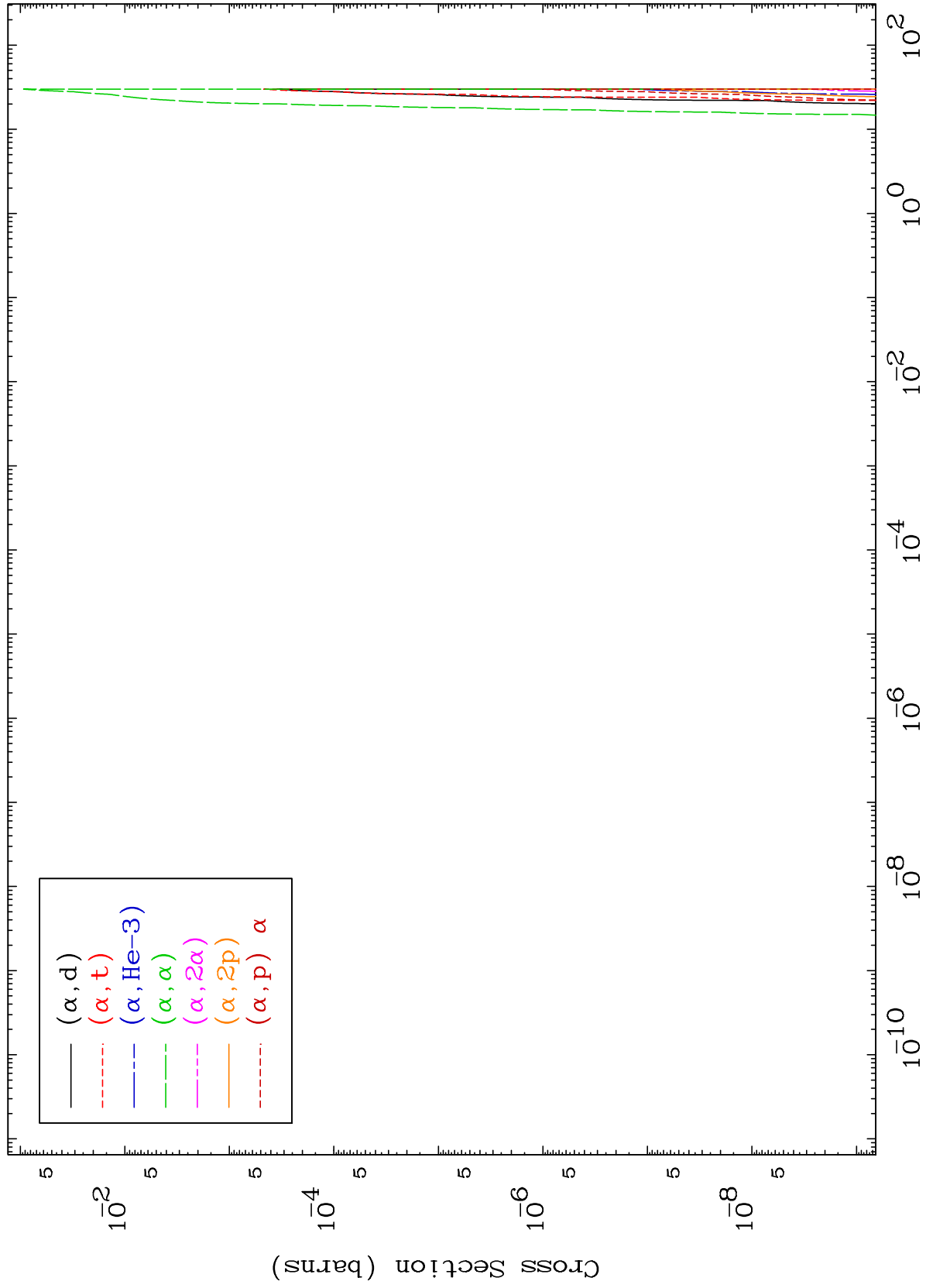
Incident Energy (MeV)

83-Bi-206

MAT 8316

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

83-Bi-206

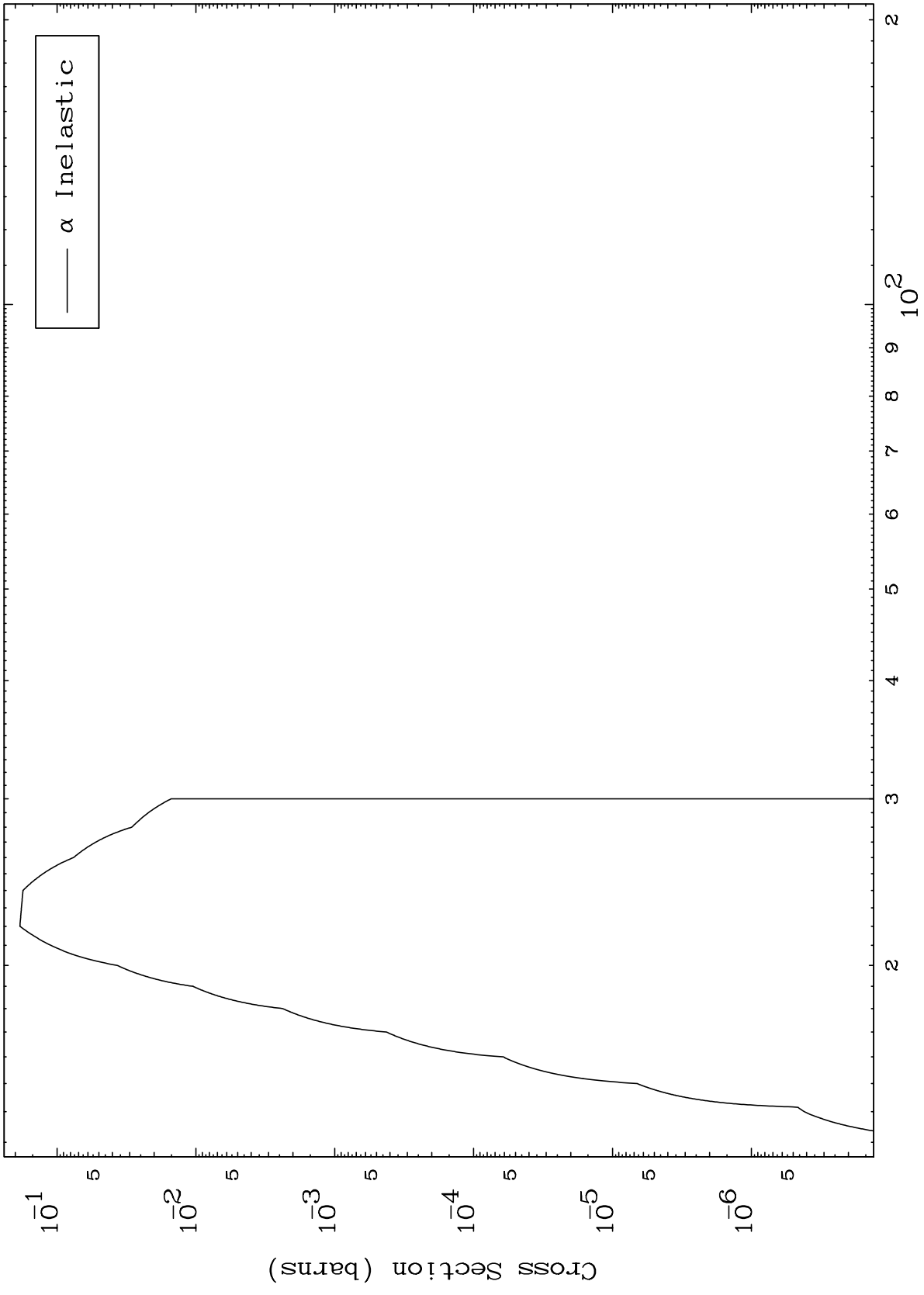


83-Bi-206

MAT 8316

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

83-Bi-206



5

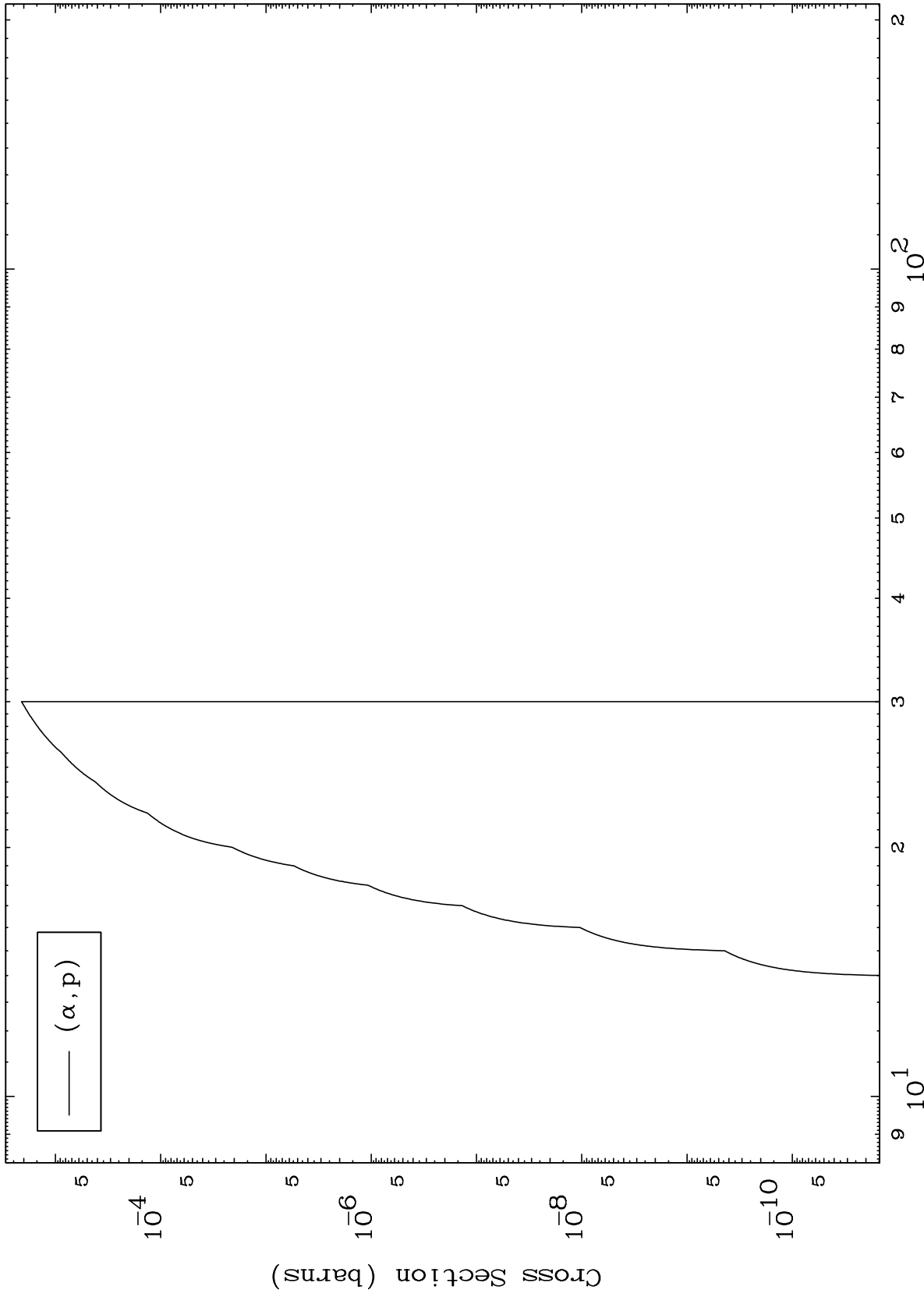
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



6

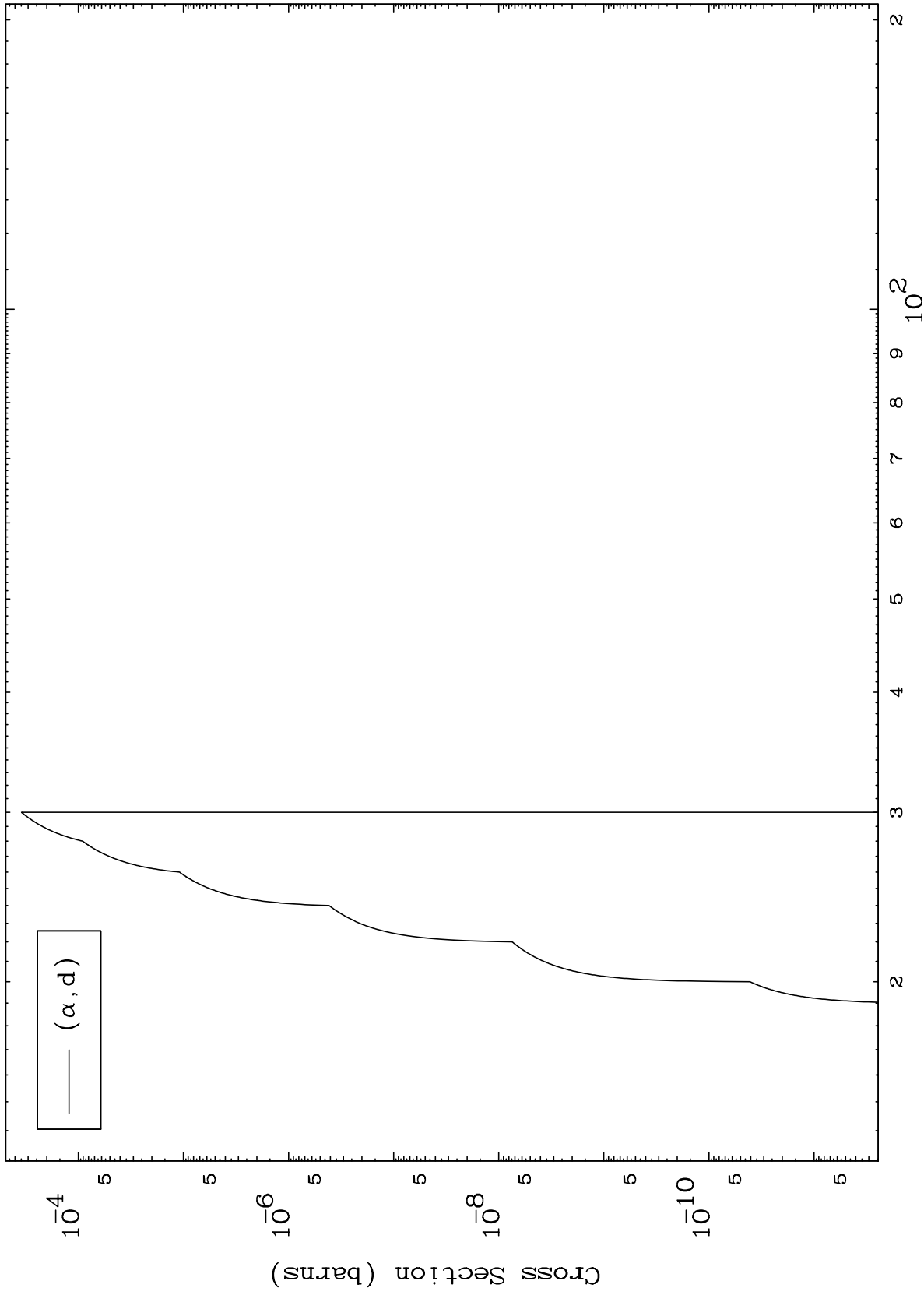
Incident Energy (MeV)

83-Bi-206

MAT 8316

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

83-Bi-206



7

Incident Energy (MeV)

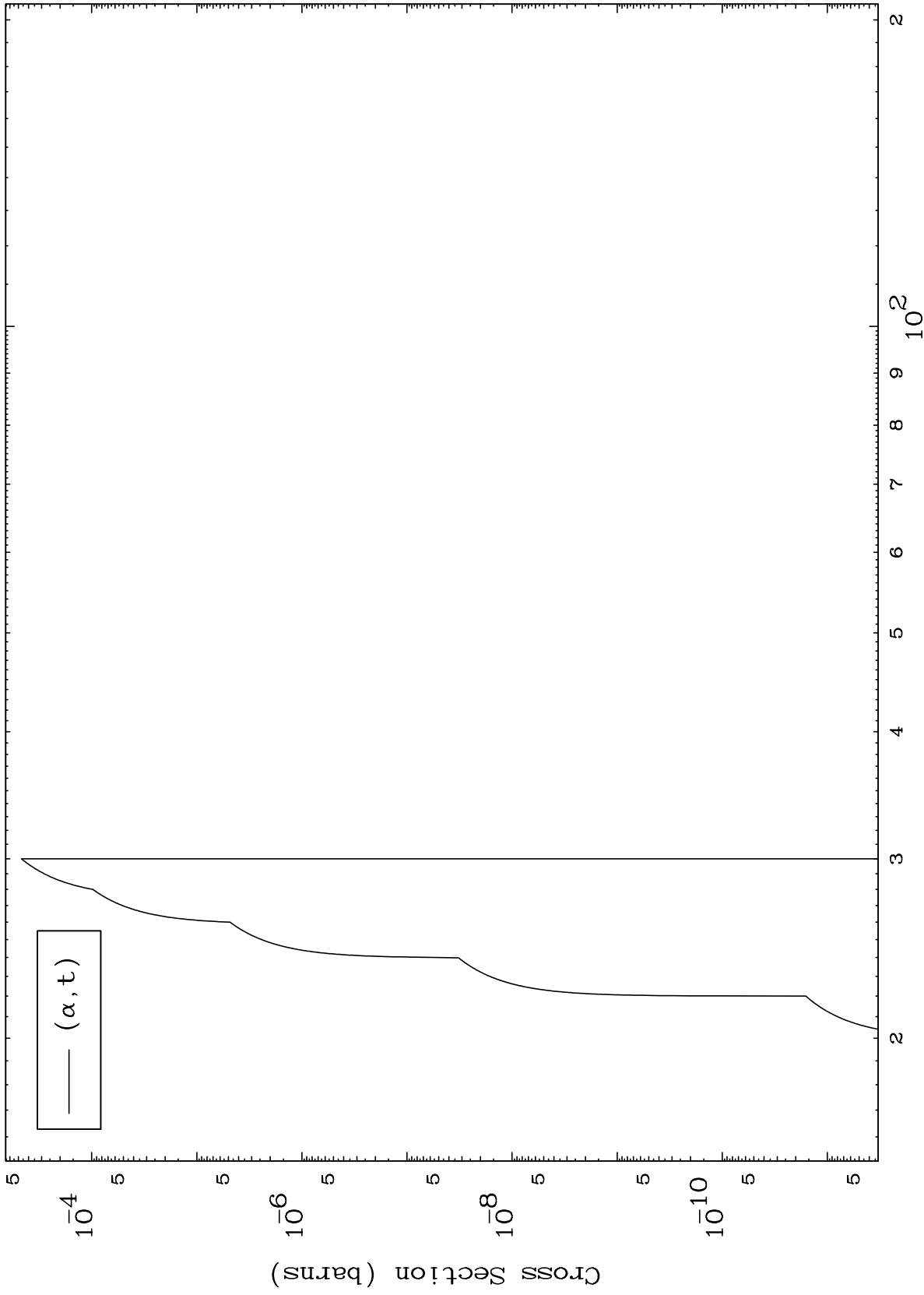
83-Bi-206

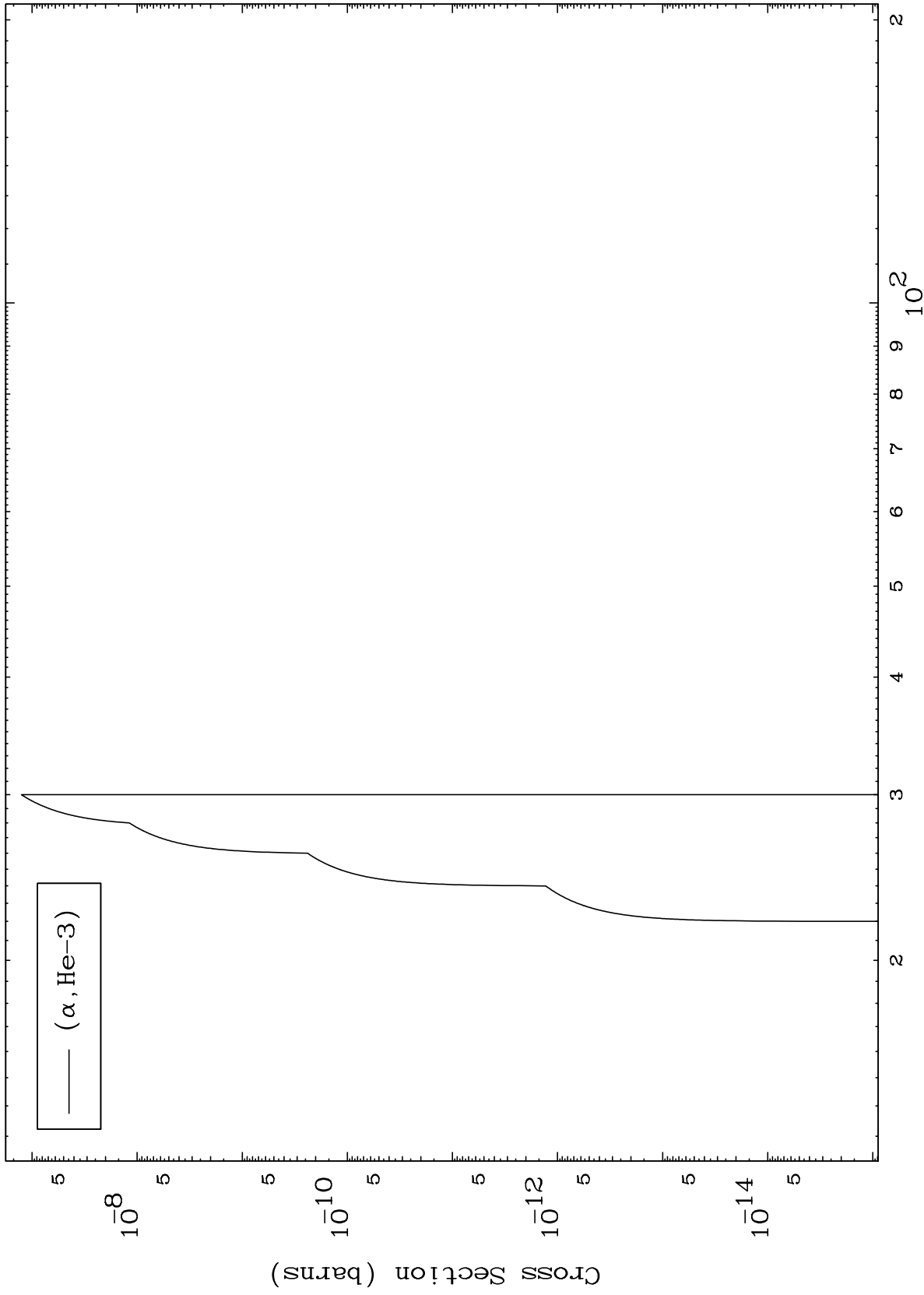


MAT 8316

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

83-Bi-206

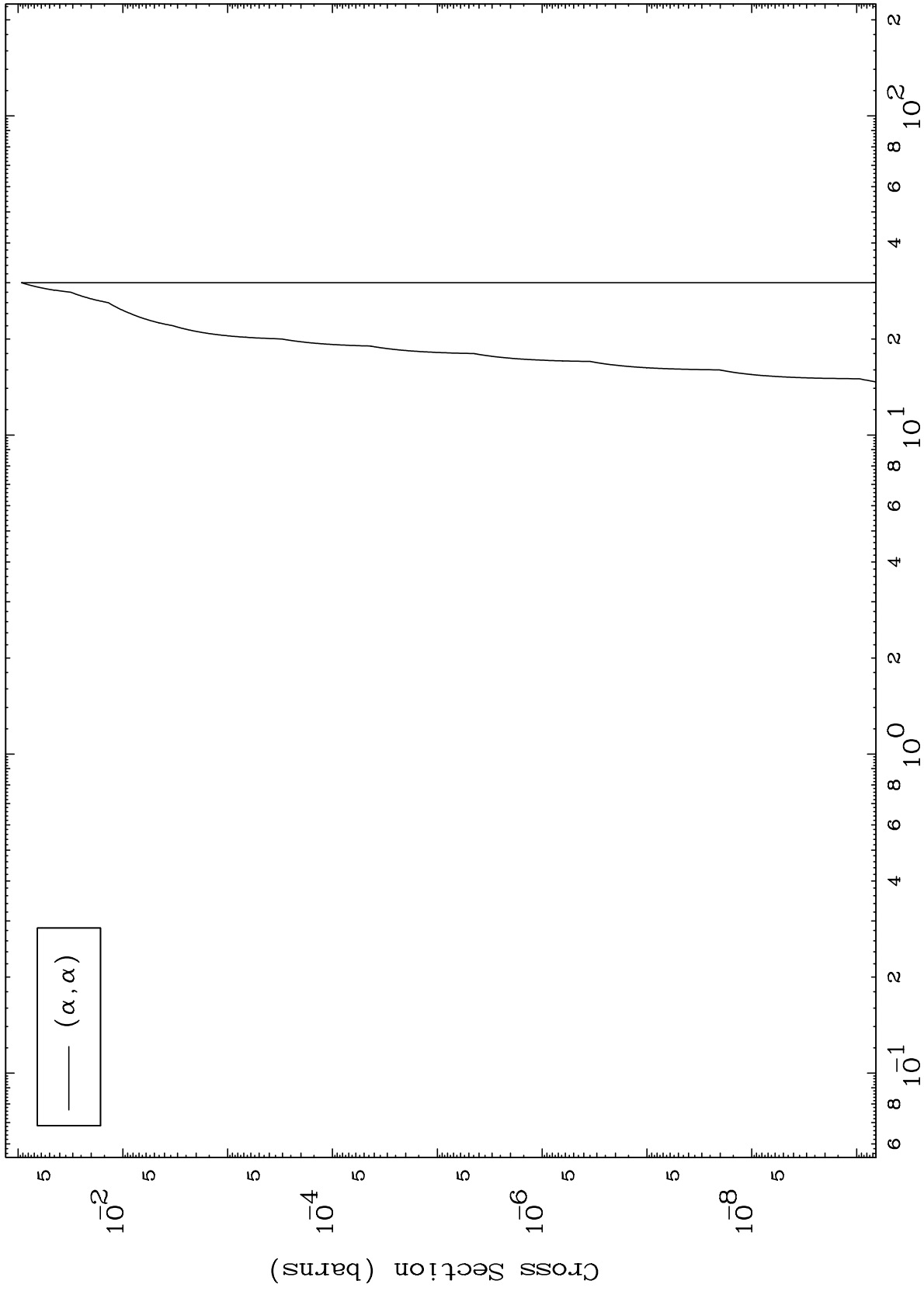




MAT 8316

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

83-Bi-206



10

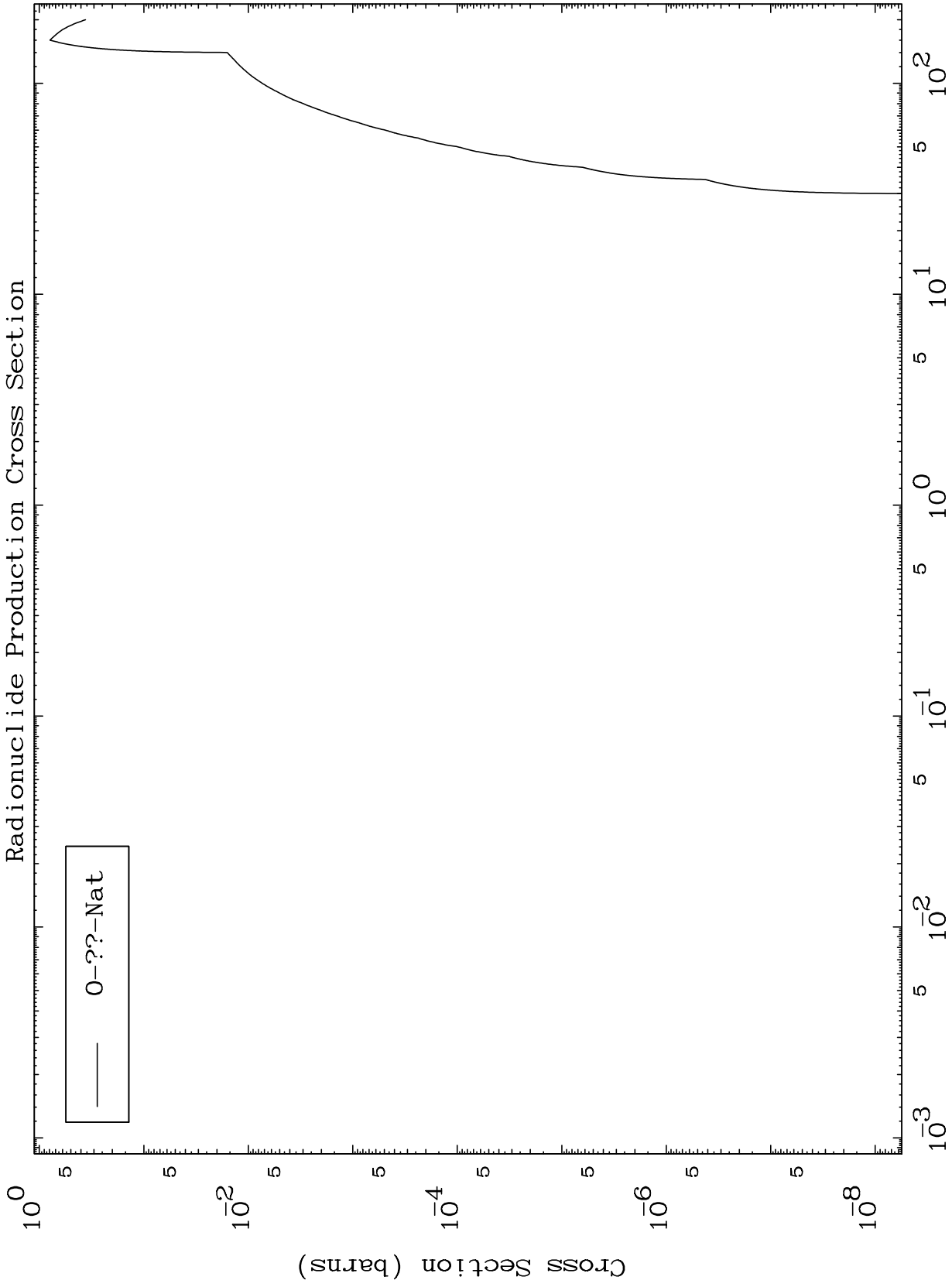
Incident Energy (MeV)

83-Bi-206

MAT 8316

$\alpha$  Fission  
Radionuclide Production Cross Section

83-Bi-206



11

Incident Energy (MeV)

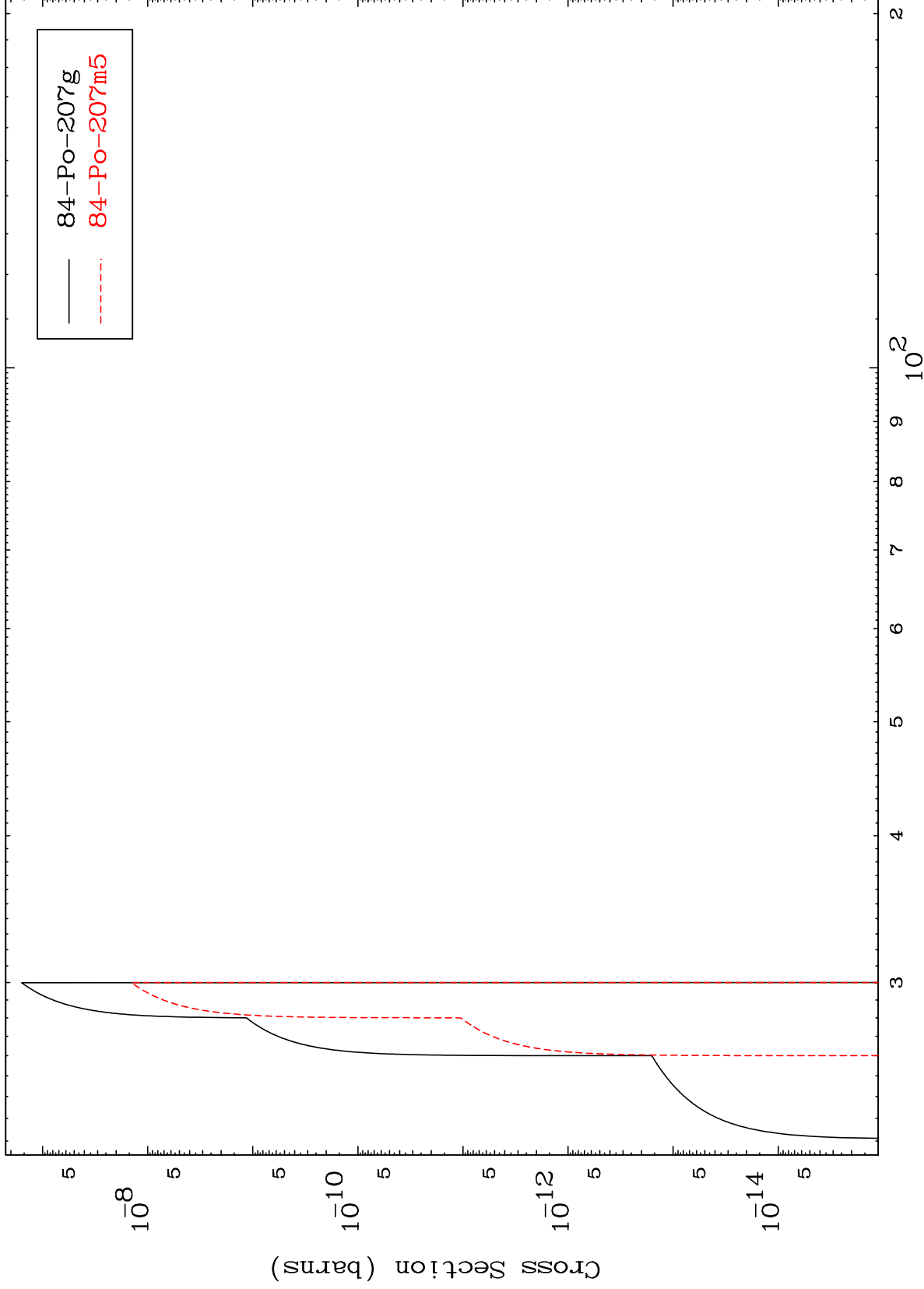
83-Bi-206

MAT 8316

( $\alpha, n'$ ) d

83-Bi-206

Radionuclide Production Cross Section



12

Incident Energy (MeV)

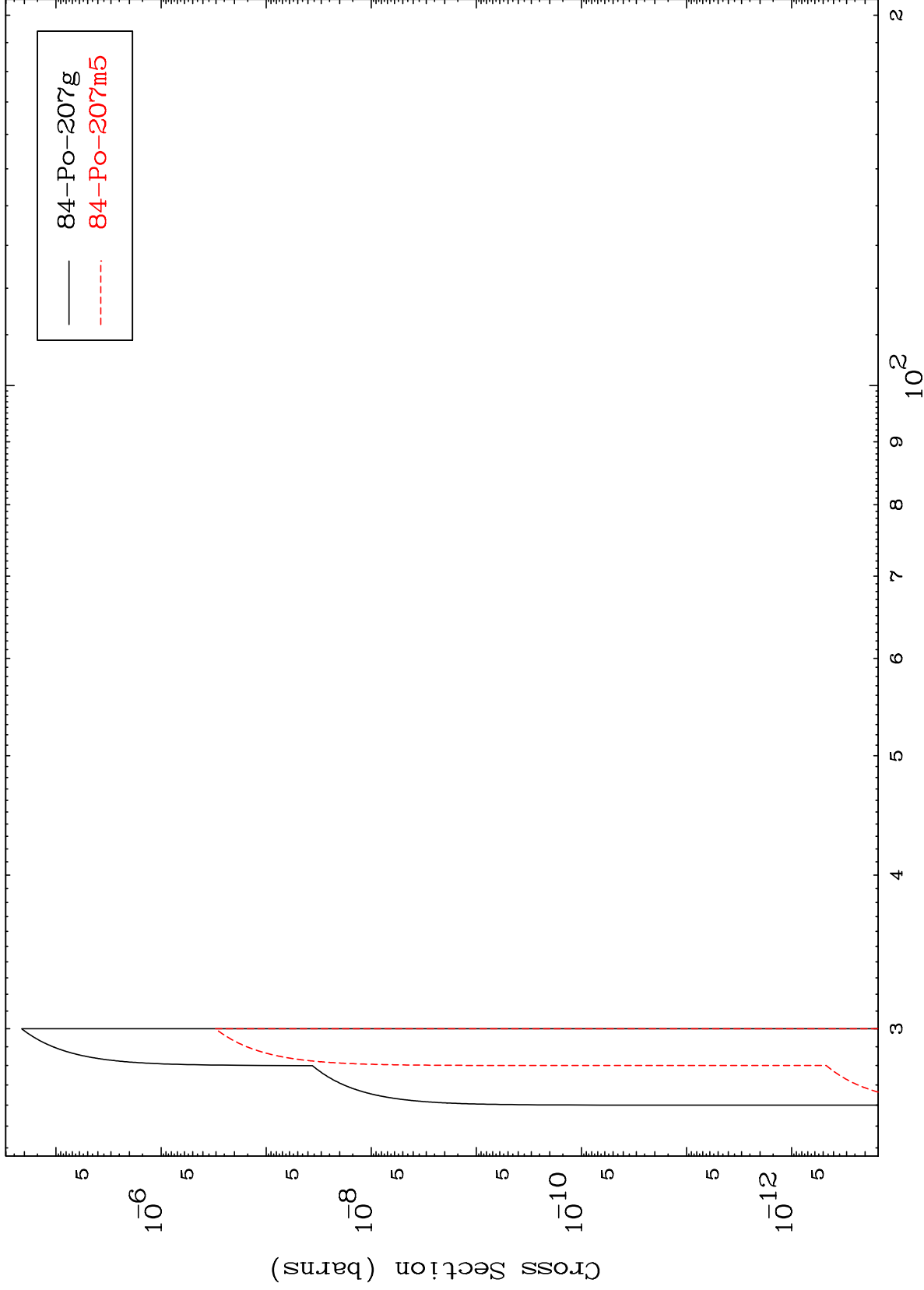
83-Bi-206

MAT 8316

$(\alpha, 2n)$  p

83-Bi-206

Radionuclide Production Cross Section



13

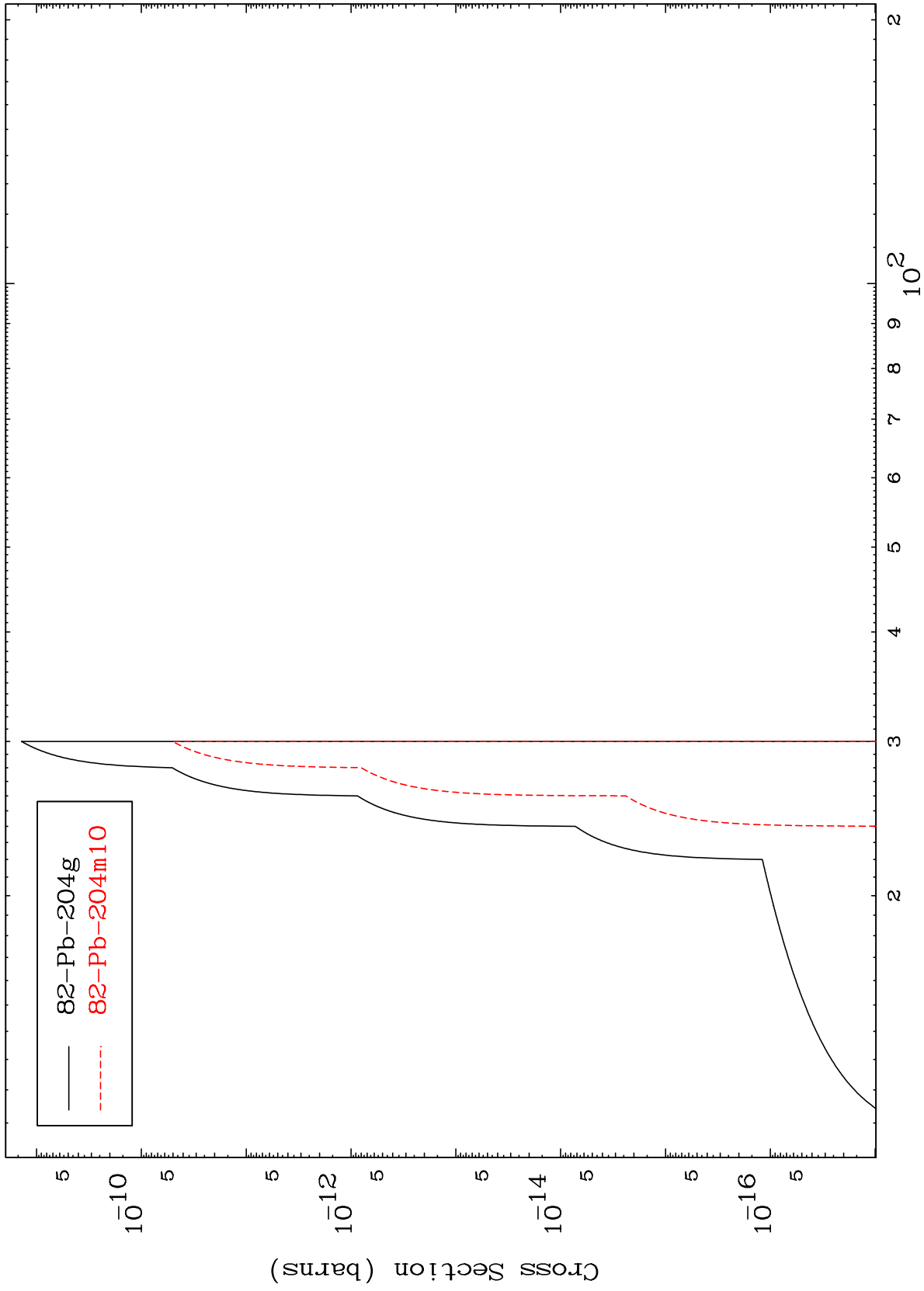
Incident Energy (MeV)

83-Bi-206

MAT 8316

83-Bi-206

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



14

Incident Energy (MeV)

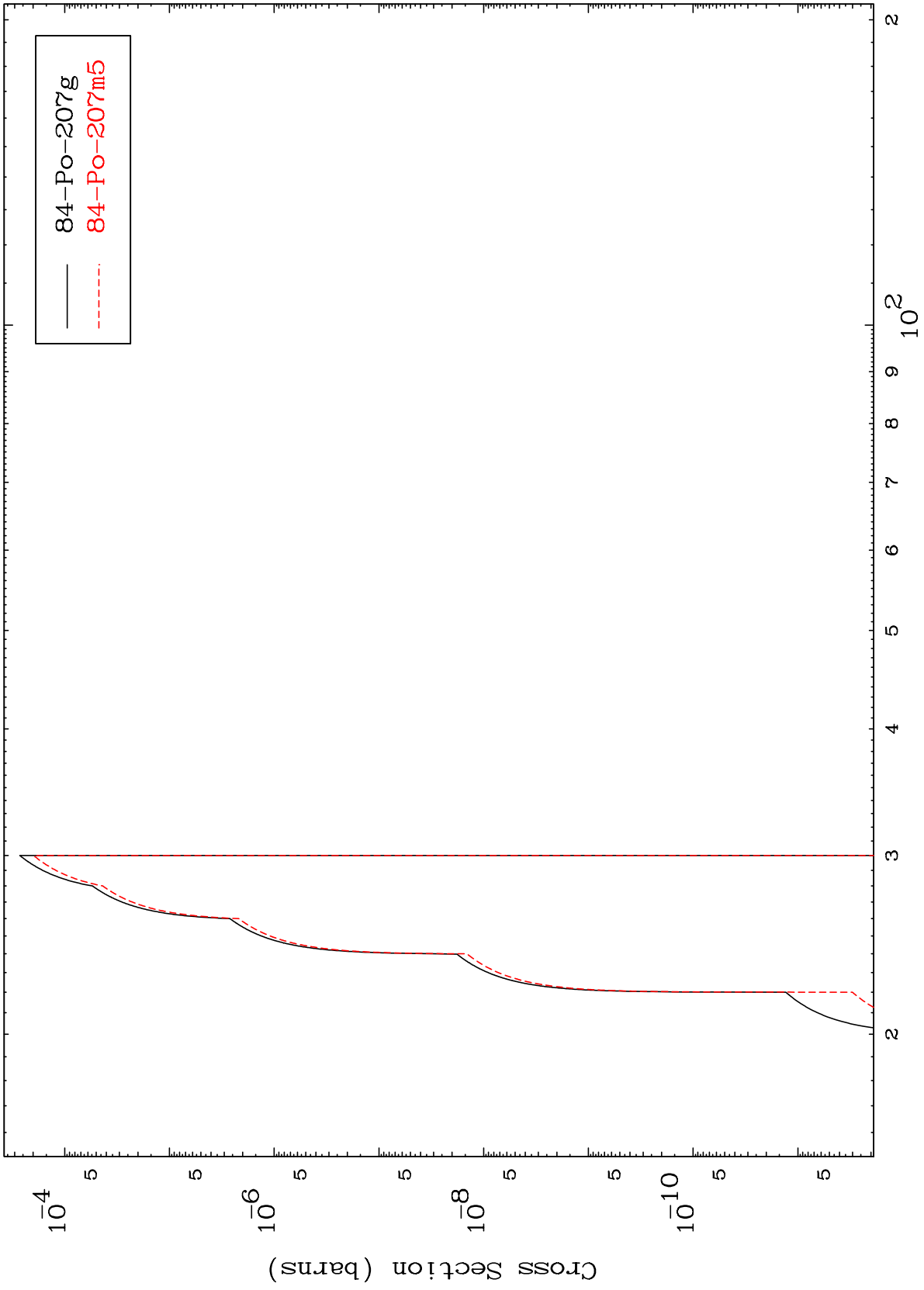
83-Bi-206

MAT 8316

( $\alpha, t$ )

83-Bi-206

Radionuclide Production Cross Section



15

Incident Energy (MeV)

83-Bi-206