

Program EVALPLOT  
(Version 2018-1)

by

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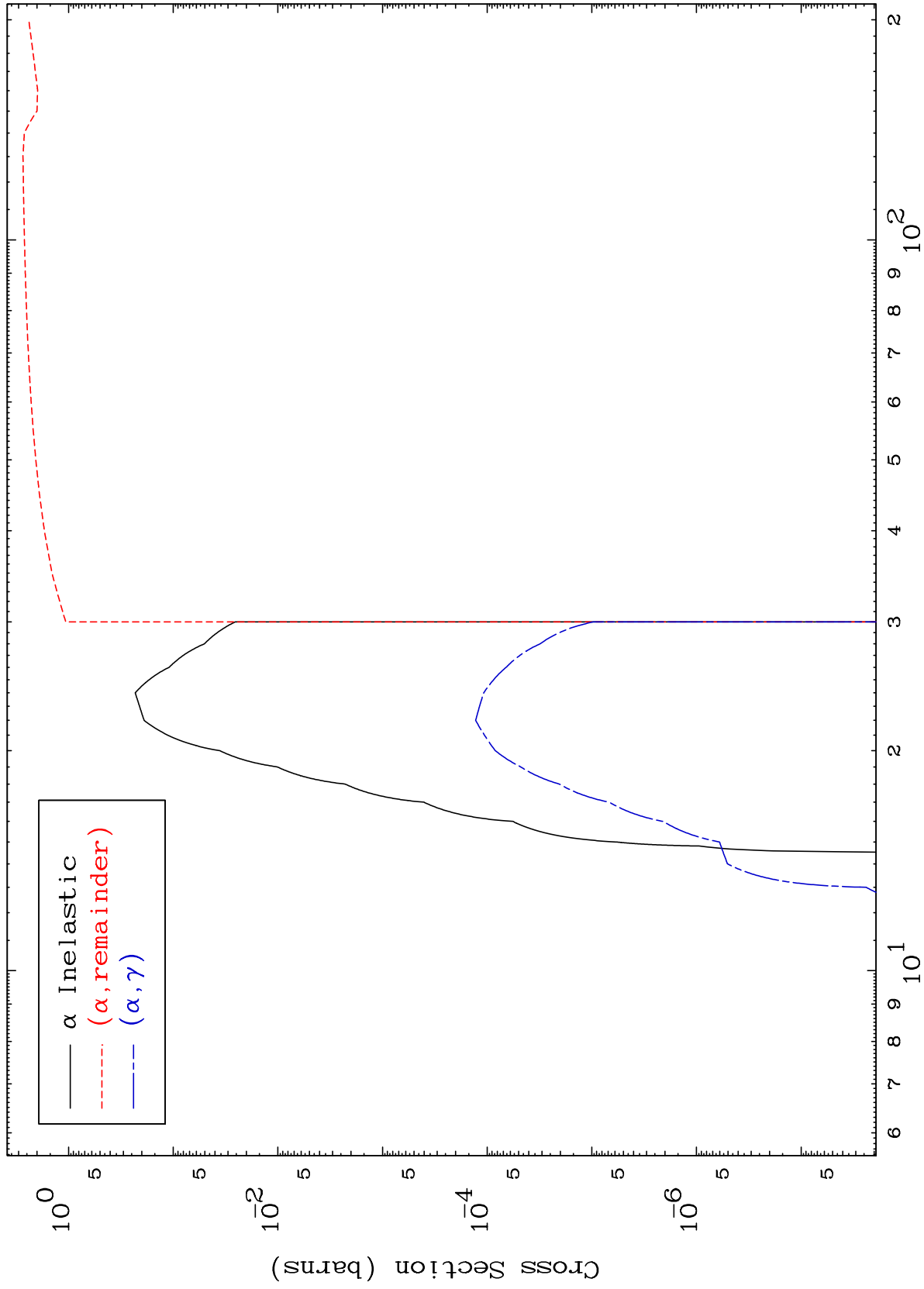
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8313

0 Kelvin  $\alpha$  Major

83-Bi-205



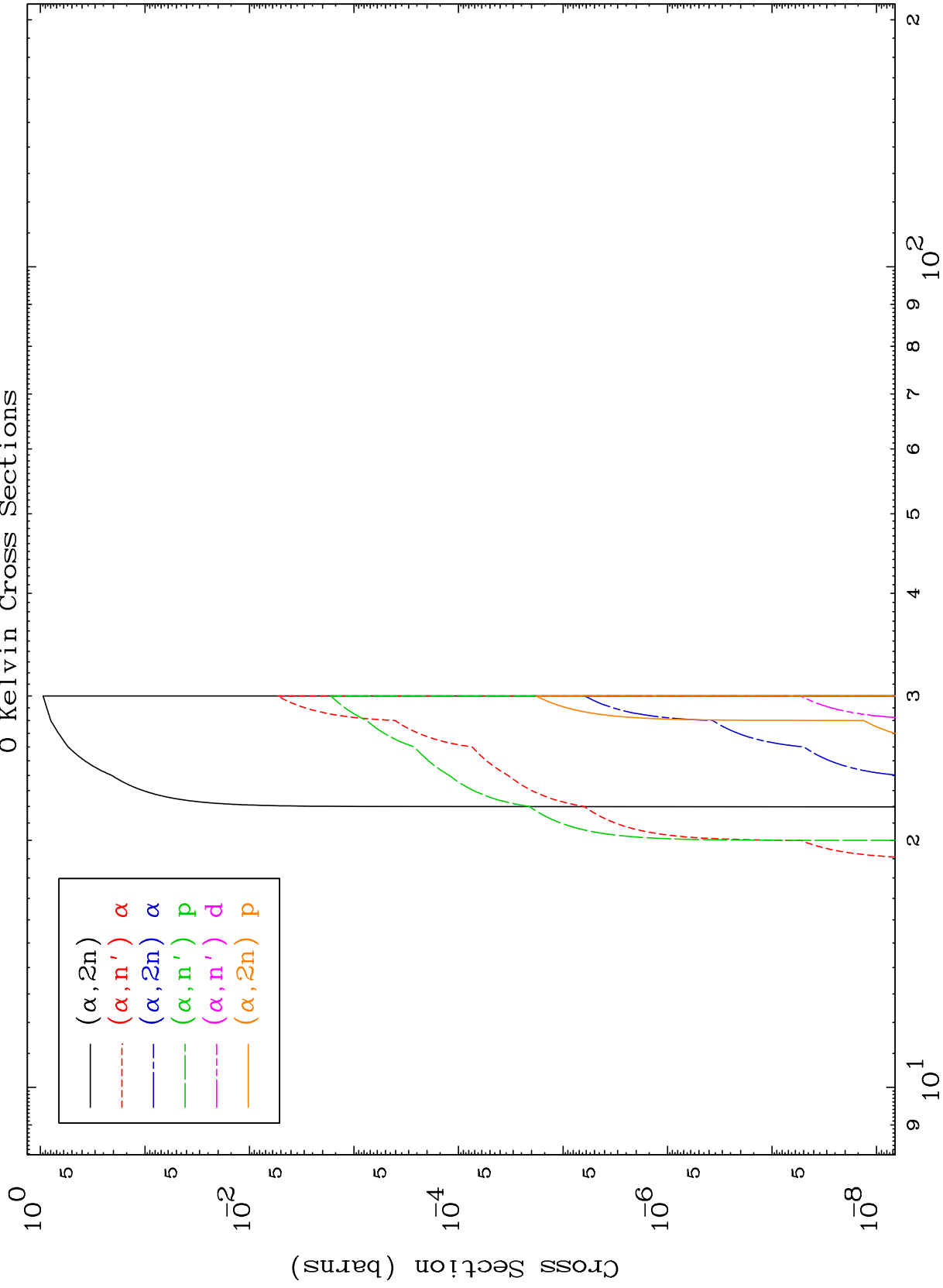
1

83-Bi-205

MAT 8313

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

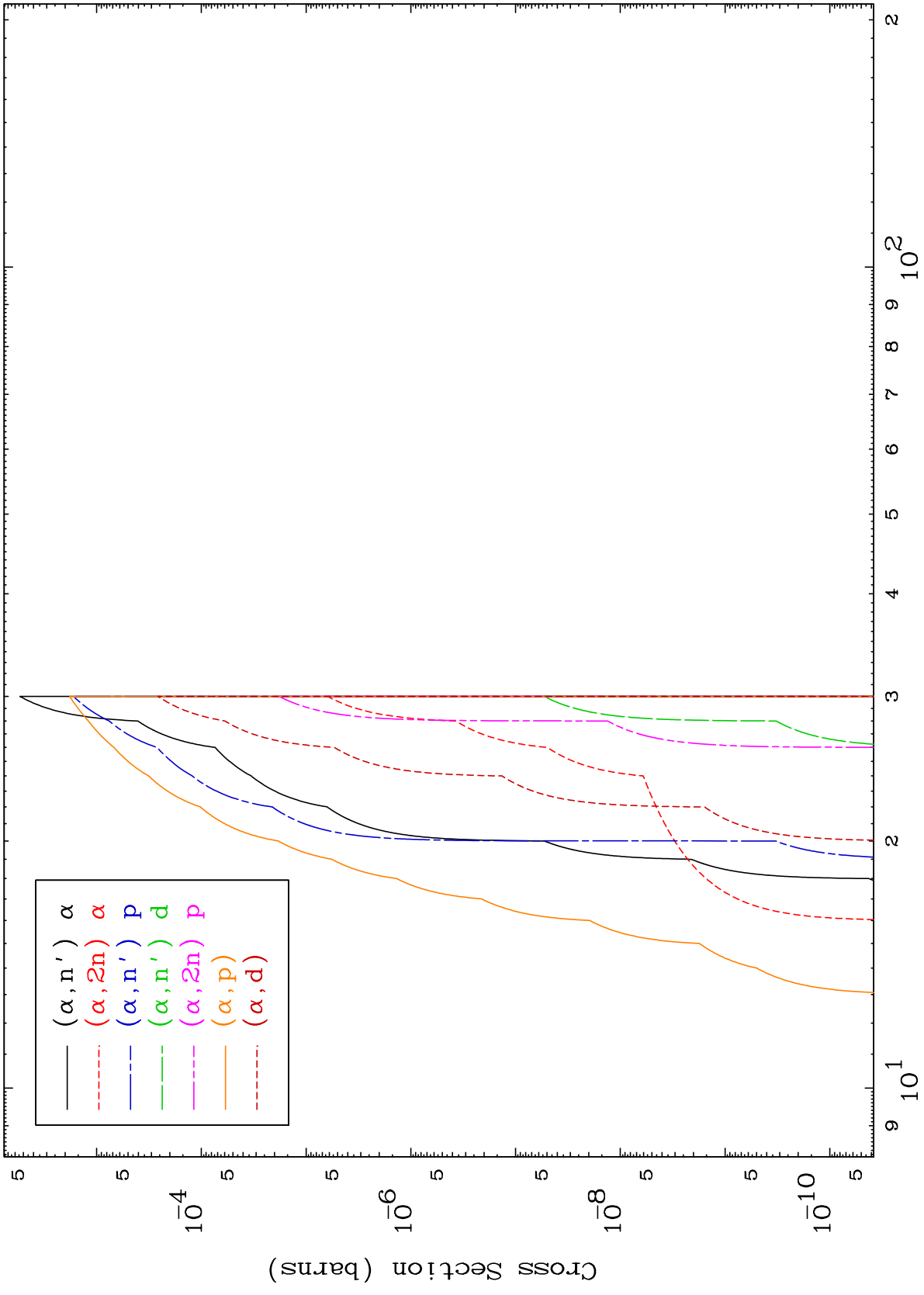
83-Bi-205



MAT 8313

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

83-Bi-205



3

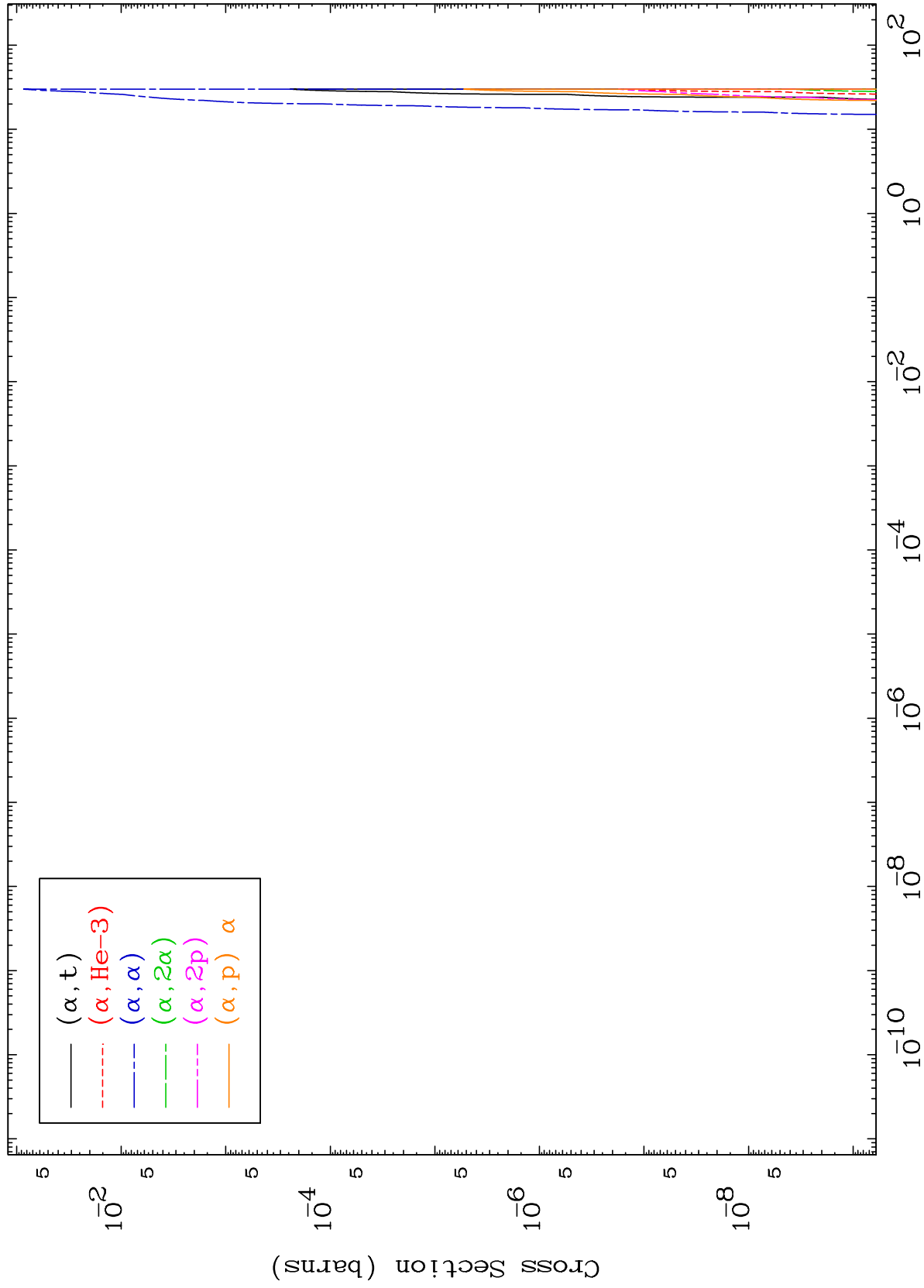
Incident Energy (MeV)

83-Bi-205

MAT 8313

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

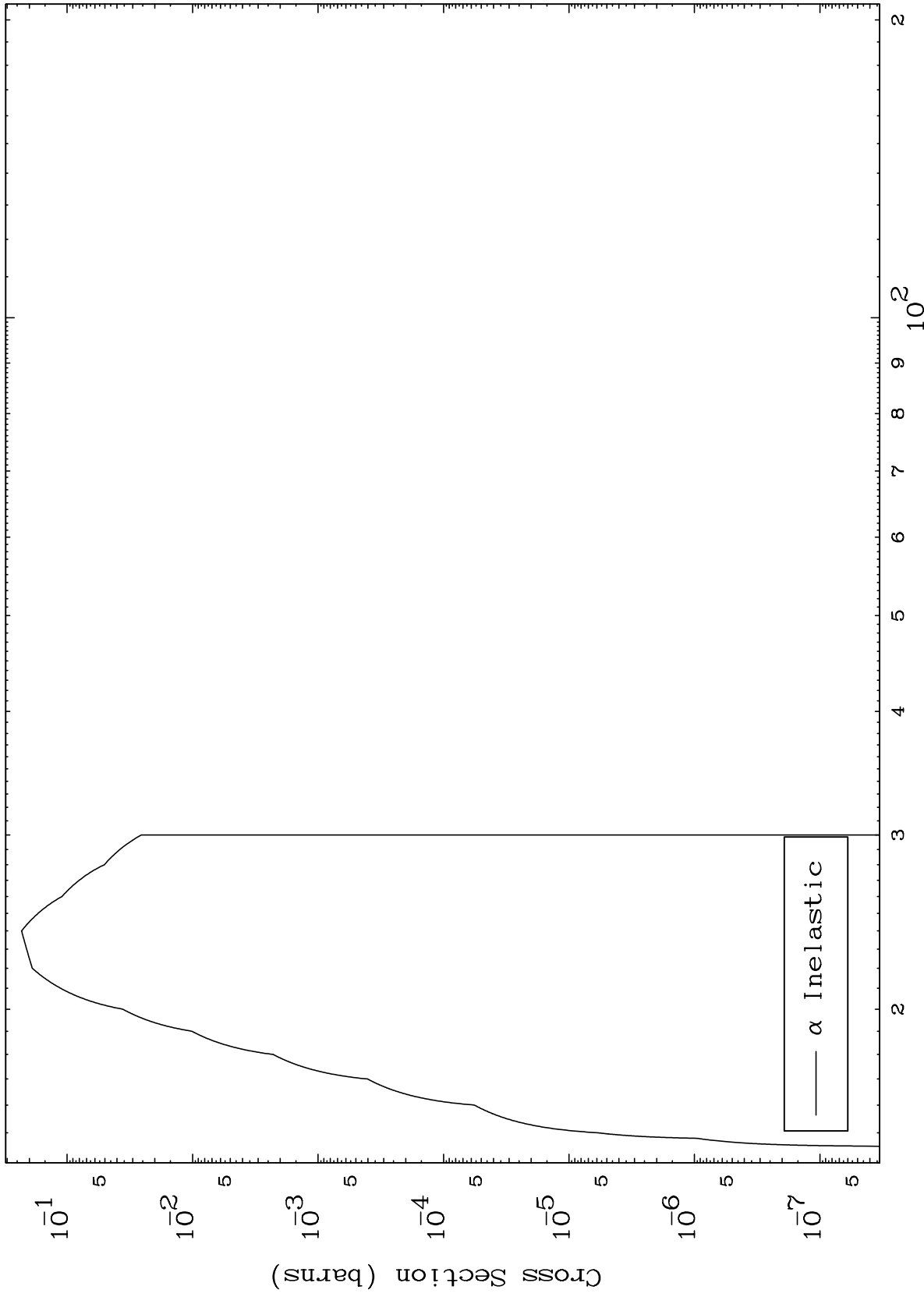
83-Bi-205



MAT 8313

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

83-Bi-205



5

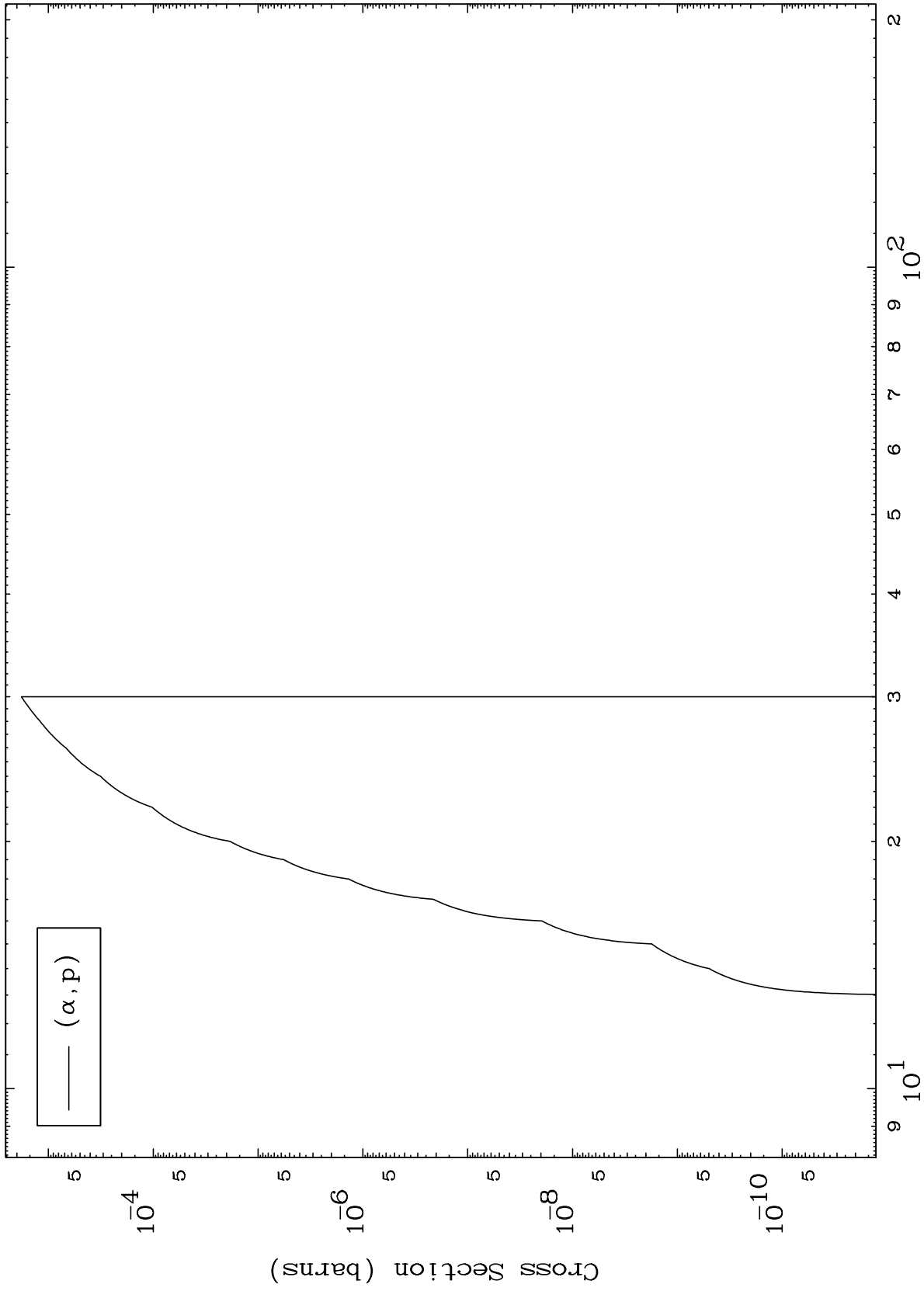
Incident Energy (MeV)

83-Bi-205

MAT 8313

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

83-Bi-205



6

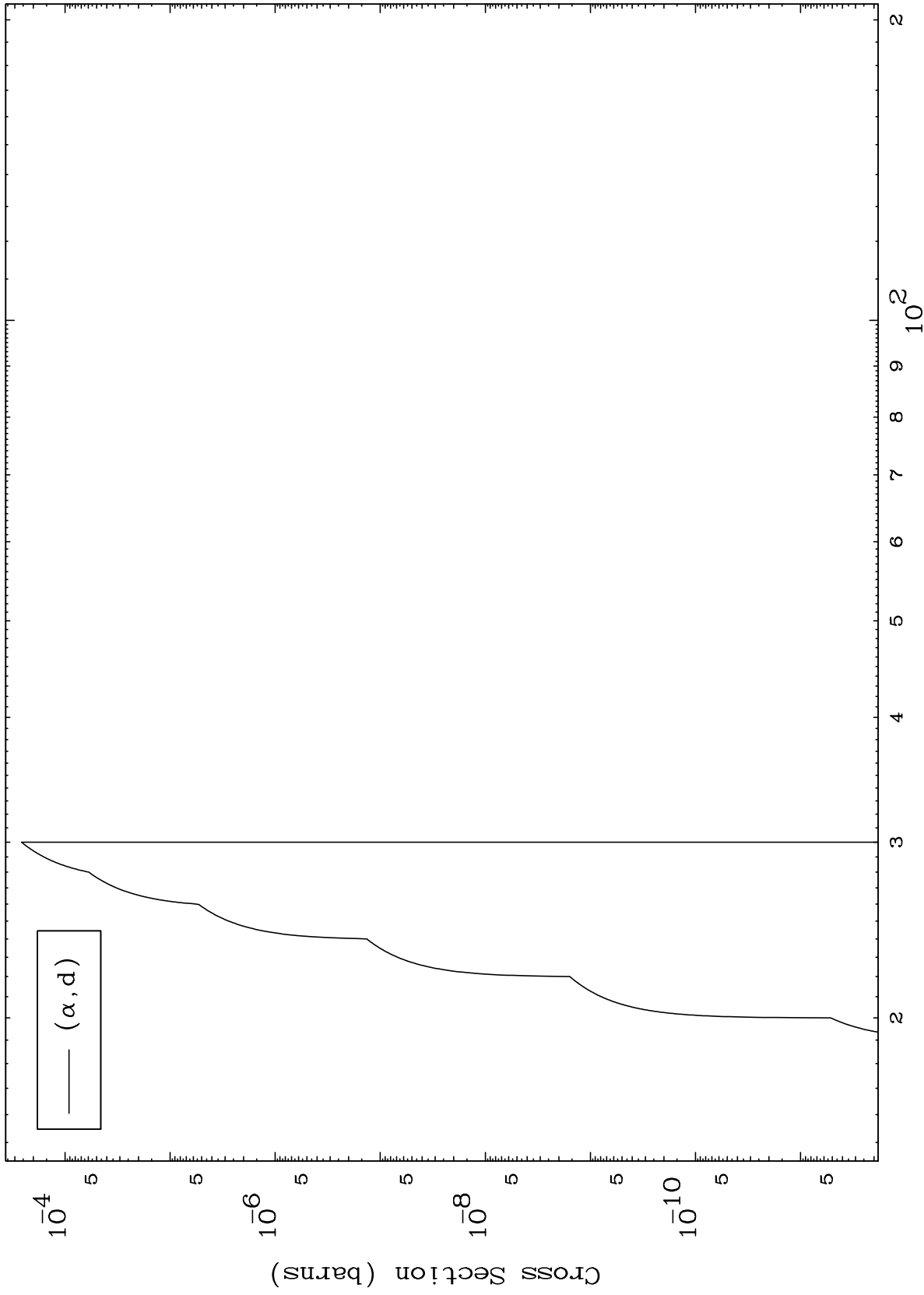
Incident Energy (MeV)

83-Bi-205

MAT 8313

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

83-Bi-205



7

Incident Energy (MeV)

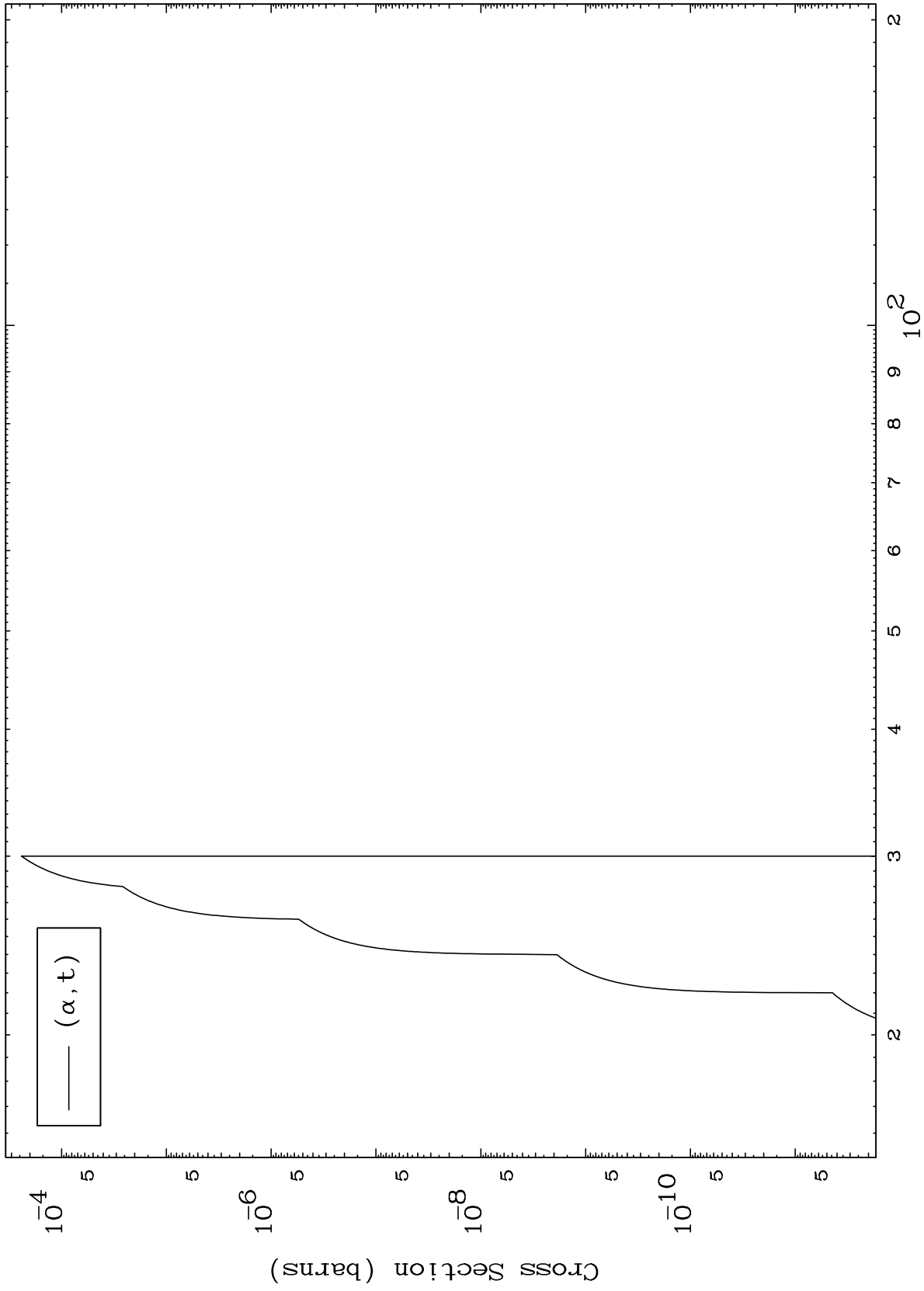
83-Bi-205



MAT 8313

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

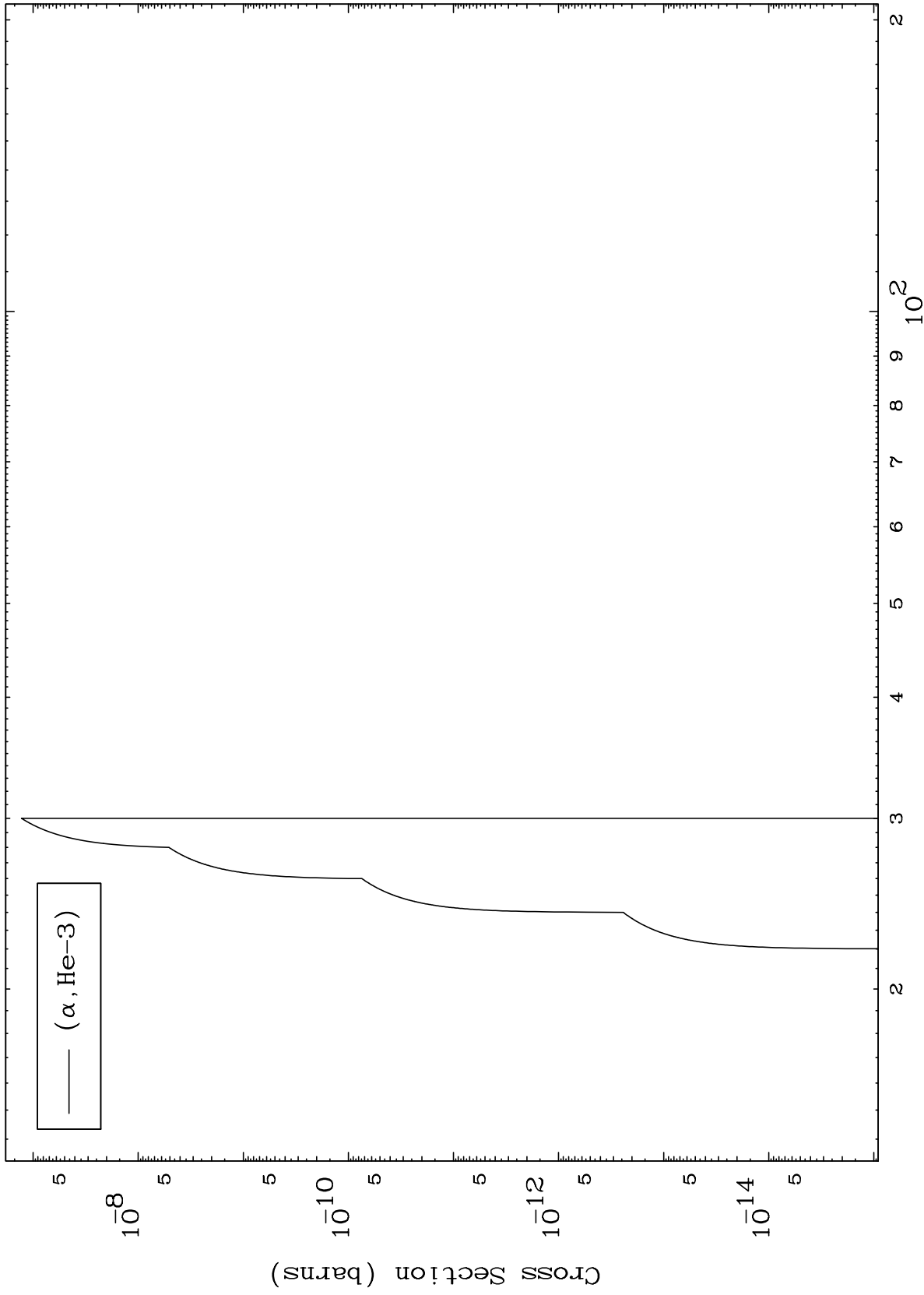
83-Bi-205



8

Incident Energy (MeV)

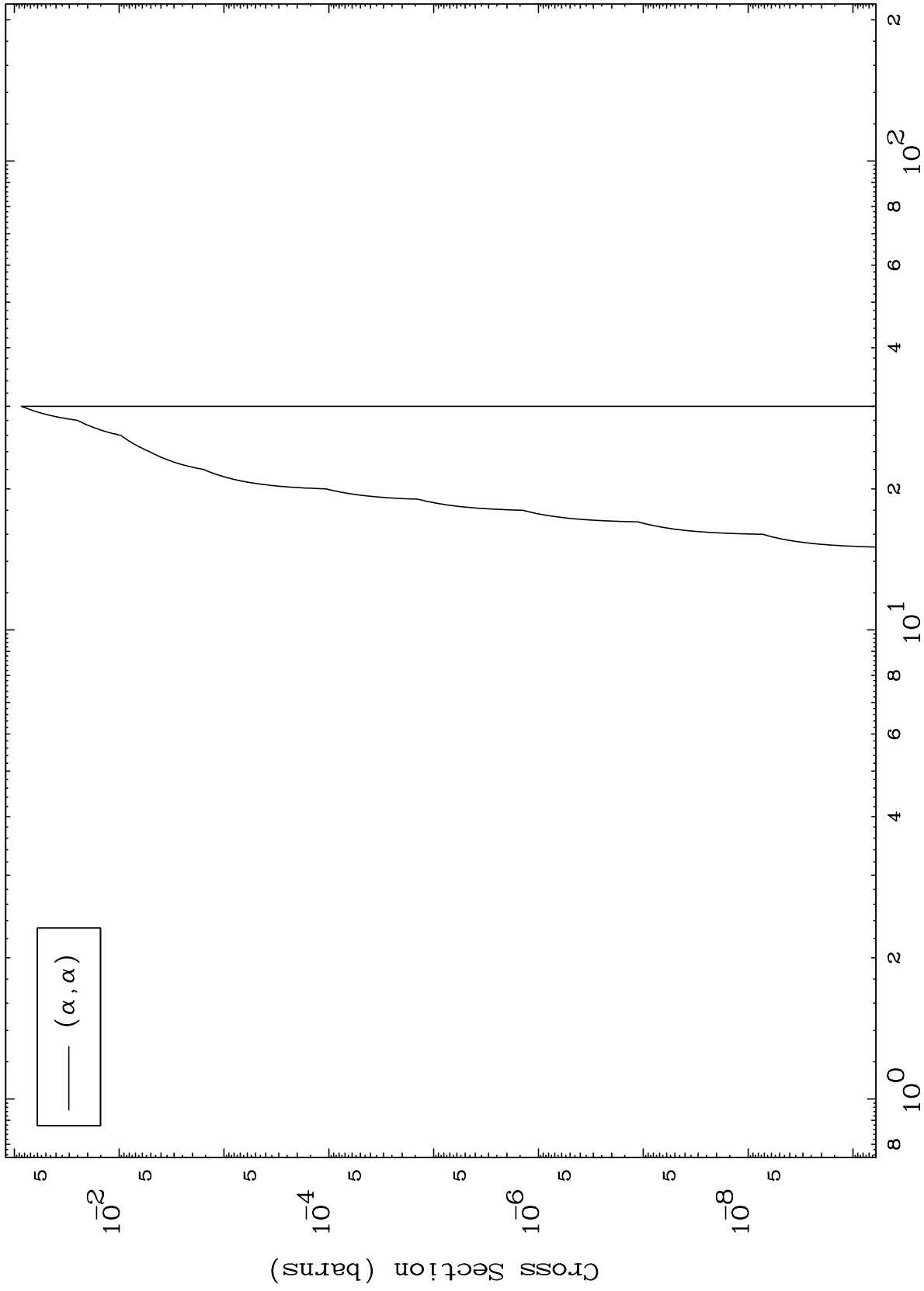
83-Bi-205



MAT 8313

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

83-Bi-205



10

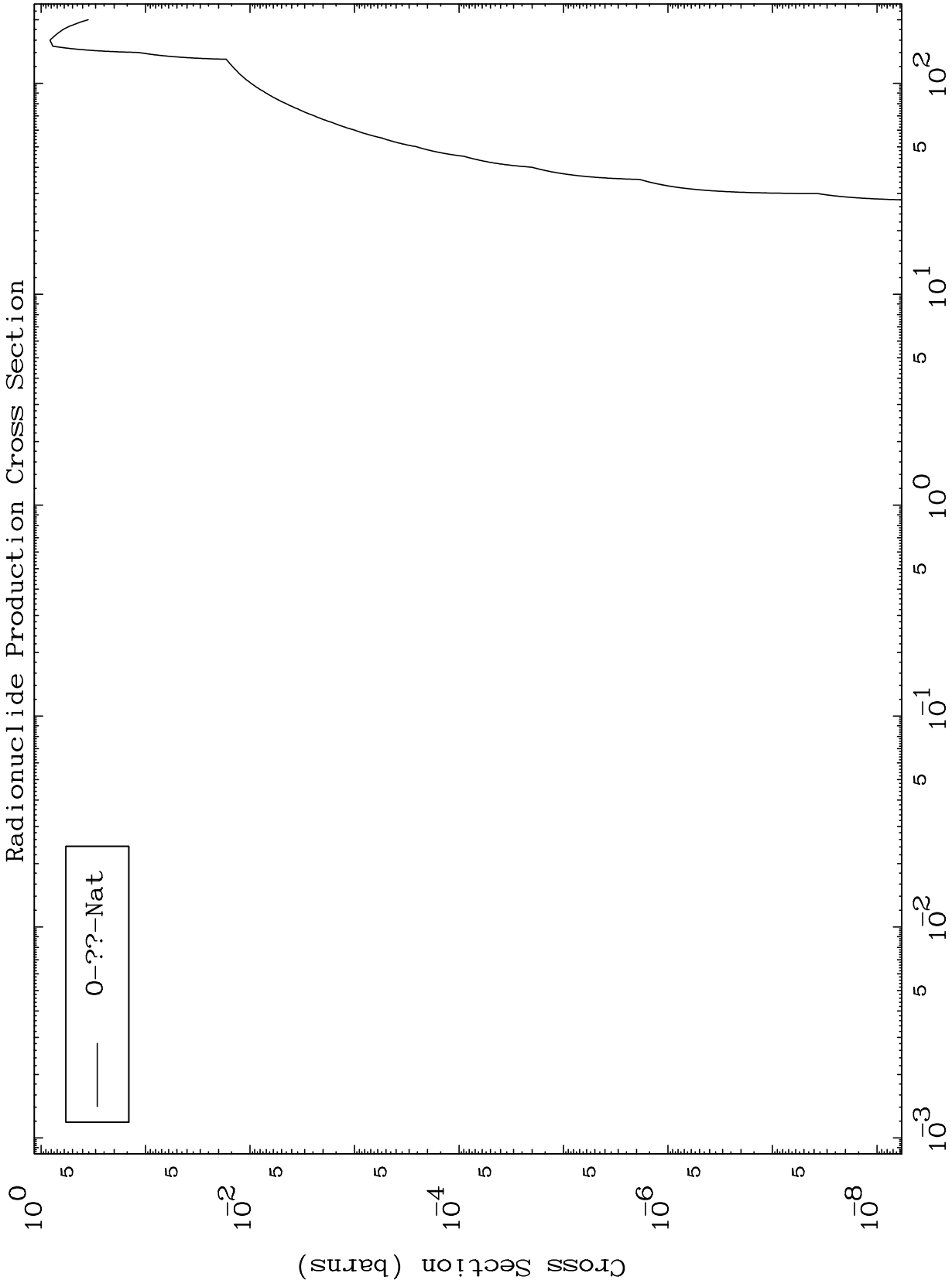
Incident Energy (MeV)

83-Bi-205

MAT 8313

$\alpha$  Fission  
Radionuclide Production Cross Section

83-Bi-205



11

Incident Energy (MeV)

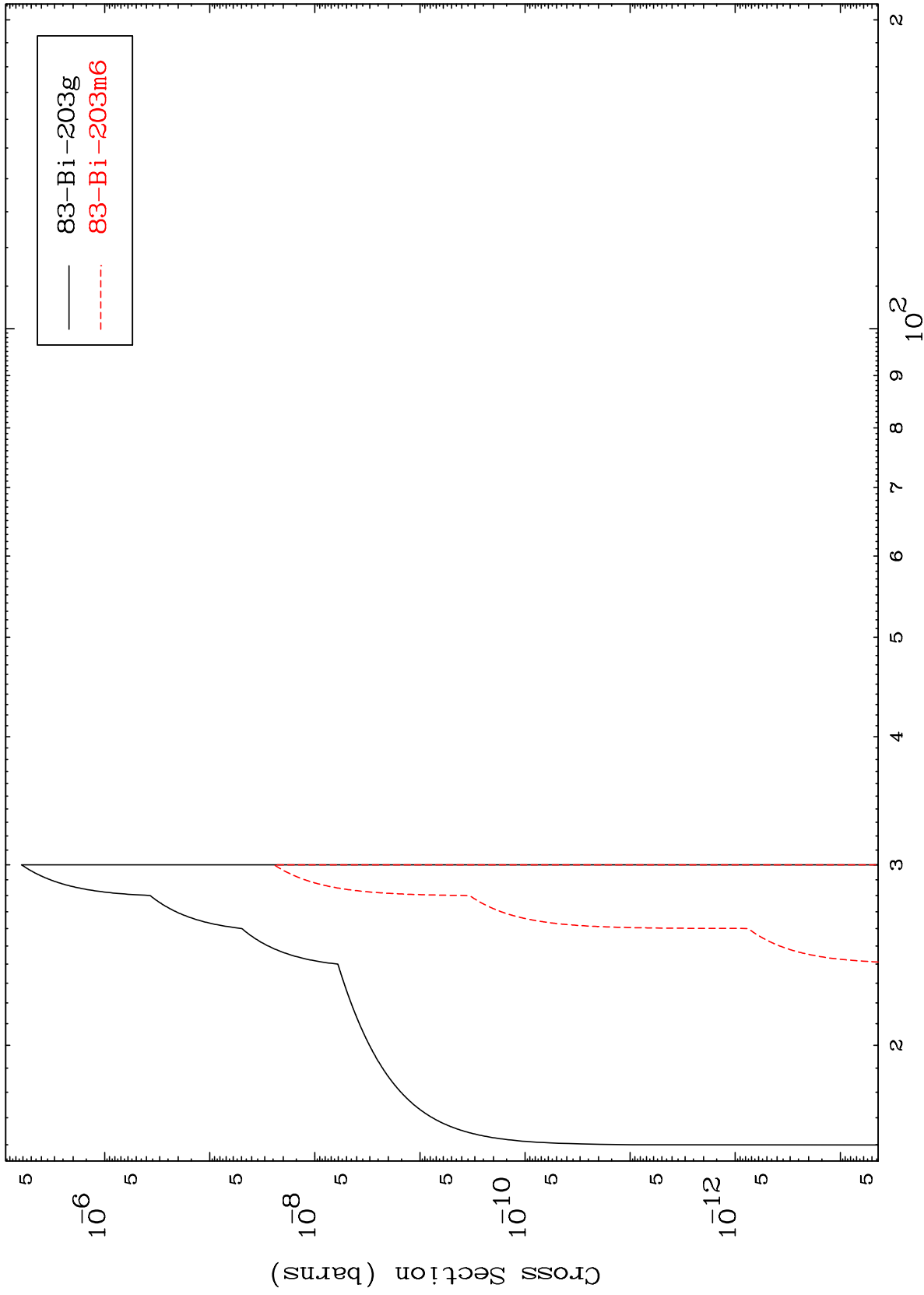
83-Bi-205

MAT 8313

$(\alpha, 2n) \alpha$

$^{83}\text{Bi}-205$

Radionuclide Production Cross Section



12

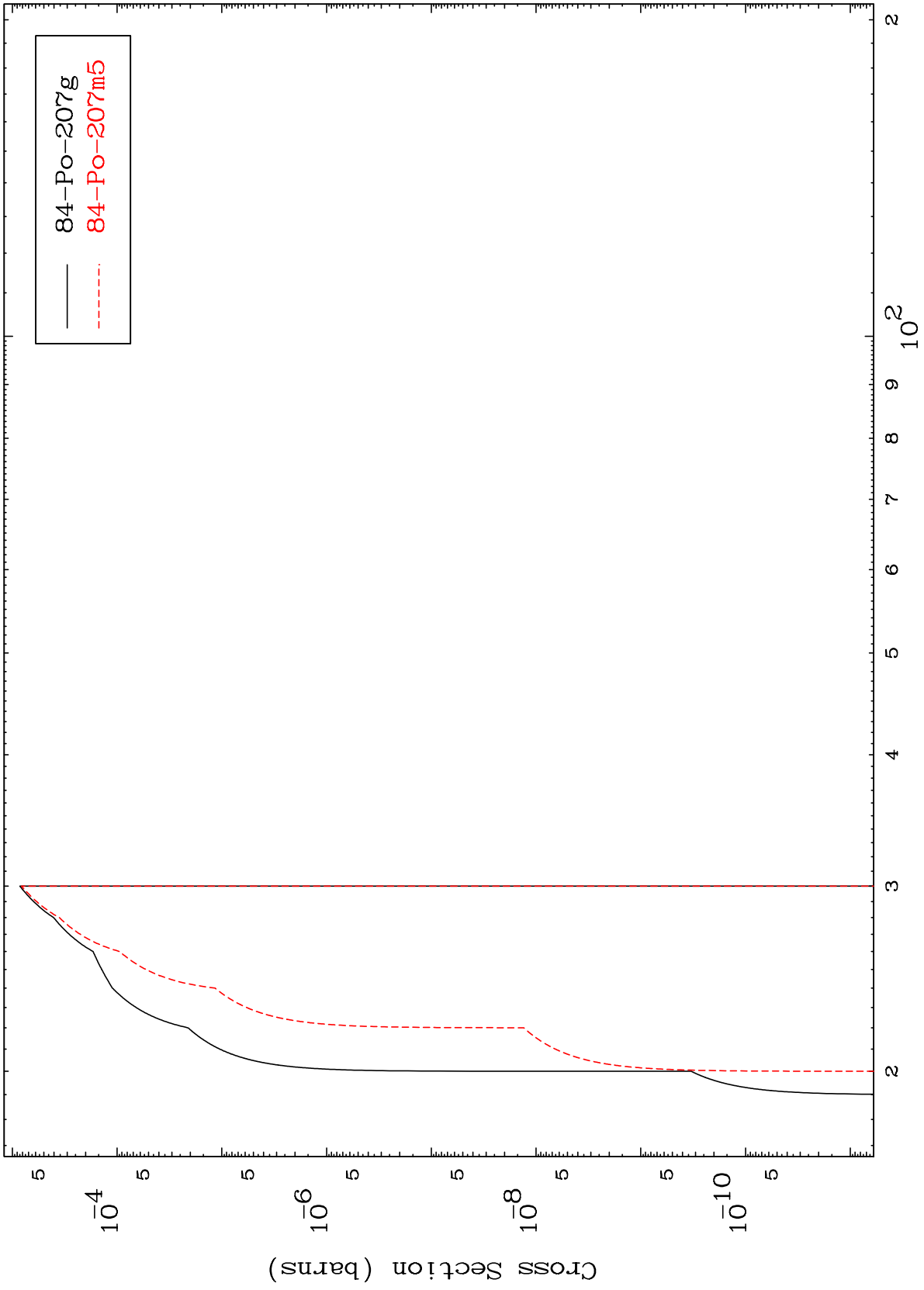
Incident Energy (MeV)

$^{83}\text{Bi}-205$

MAT 8313

83-Bi-205

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



13

83-Bi-205

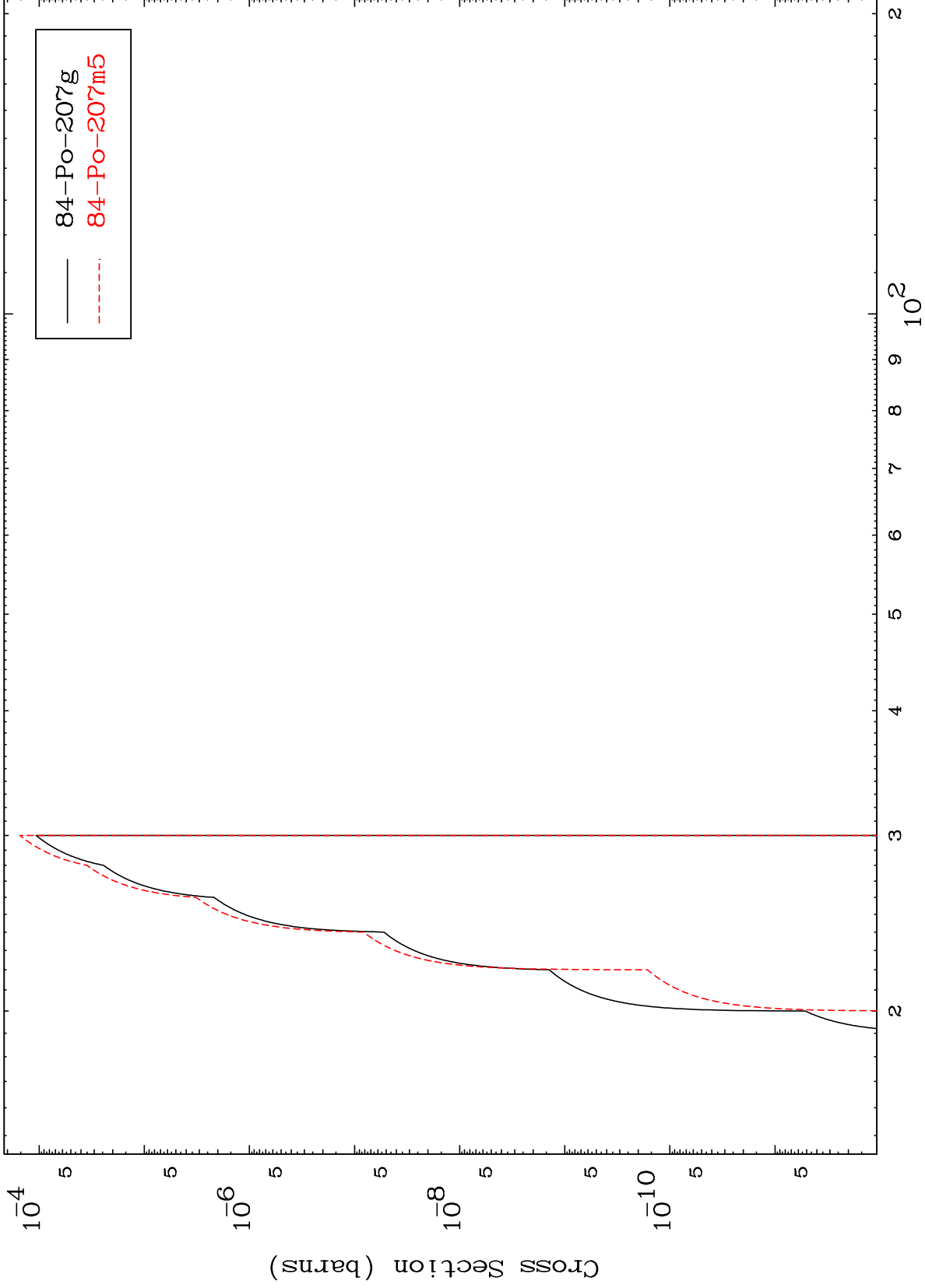
Incident Energy (MeV)

MAT 8313

( $\alpha, d$ )

83-Bi-205

Radionuclide Production Cross Section



14

Incident Energy (MeV)

83-Bi-205

MAT 8313

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

83-Bi-205

Radionuclide Production Cross Section

