

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

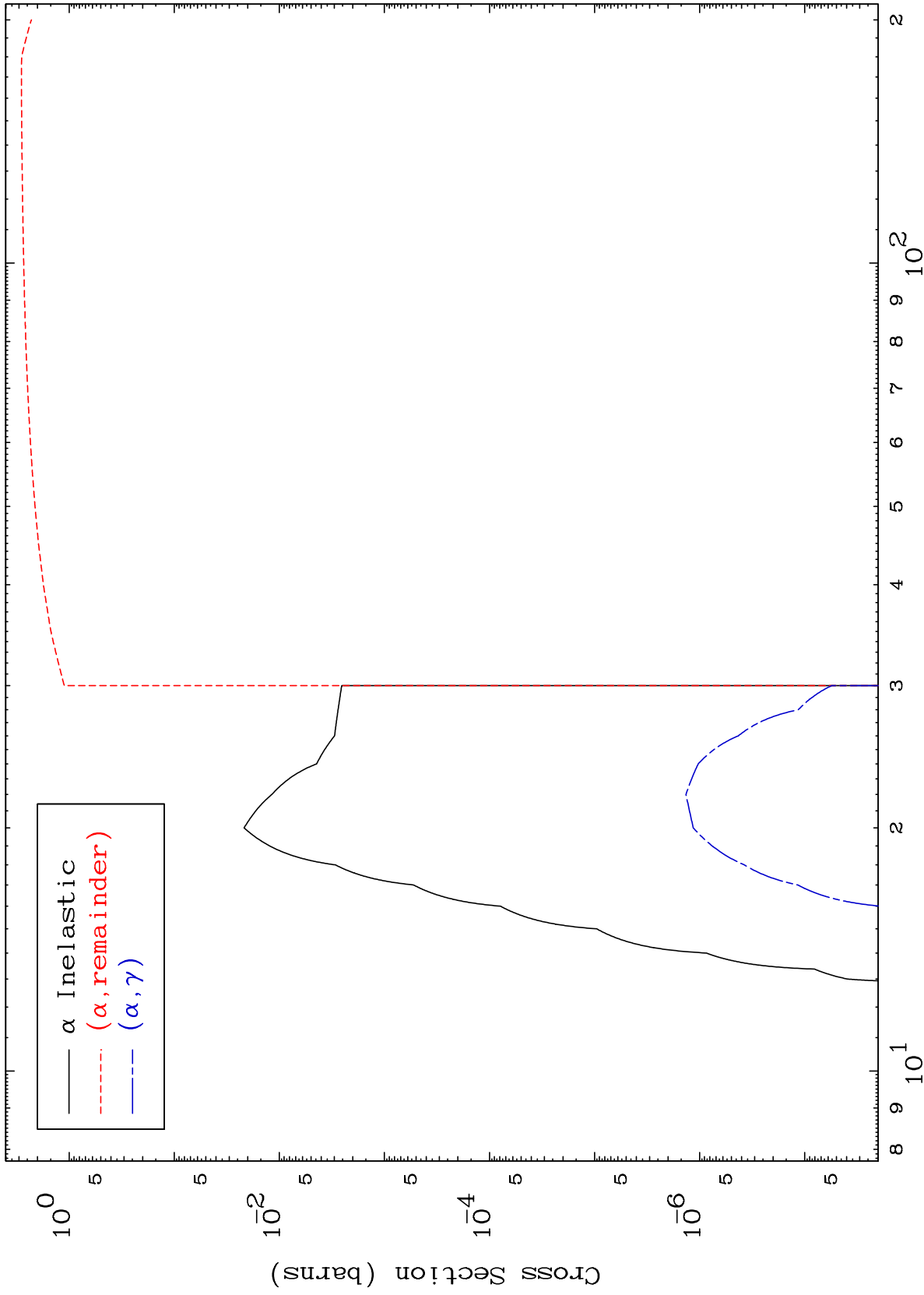
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8334

0 Kelvin α Major
Cross Sections

83-Bi-212



1

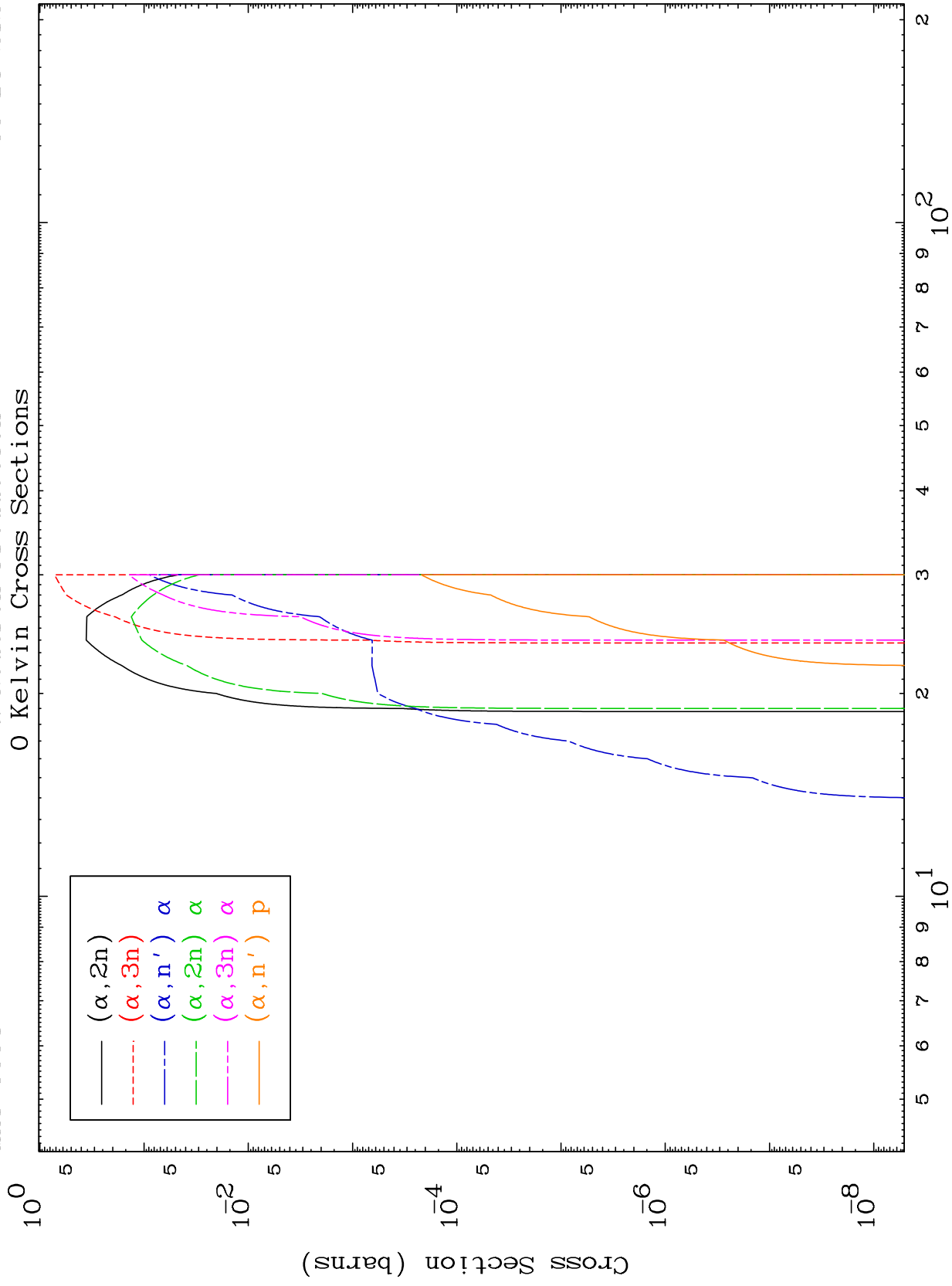
Incident Energy (MeV)

83-Bi-212

MAT 8334

α Neutron Production
0 Kelvin Cross Sections

83-Bi-212



2

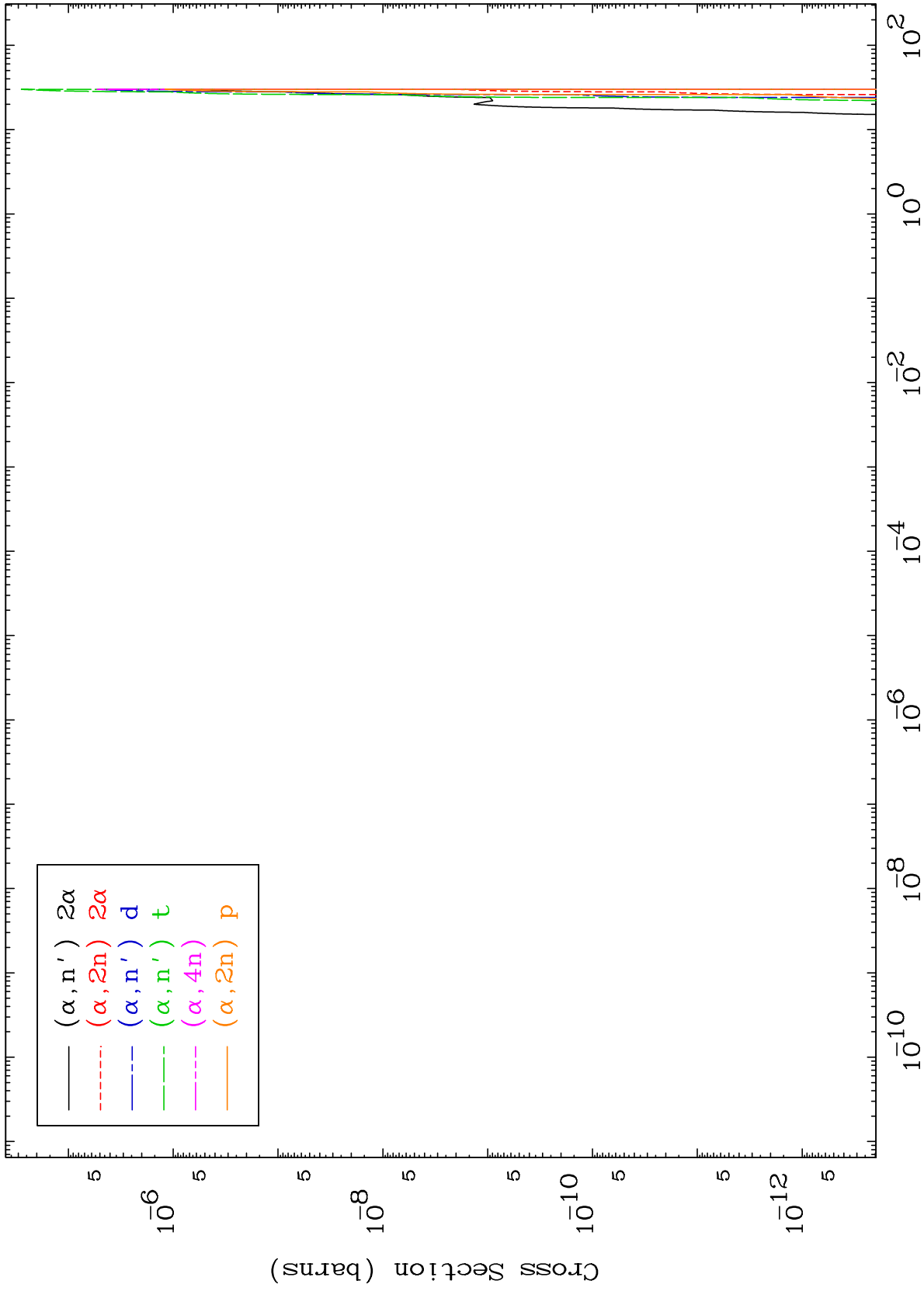
Incident Energy (MeV)

83-Bi-212

MAT 8334

α Neutron Production
0 Kelvin Cross Sections

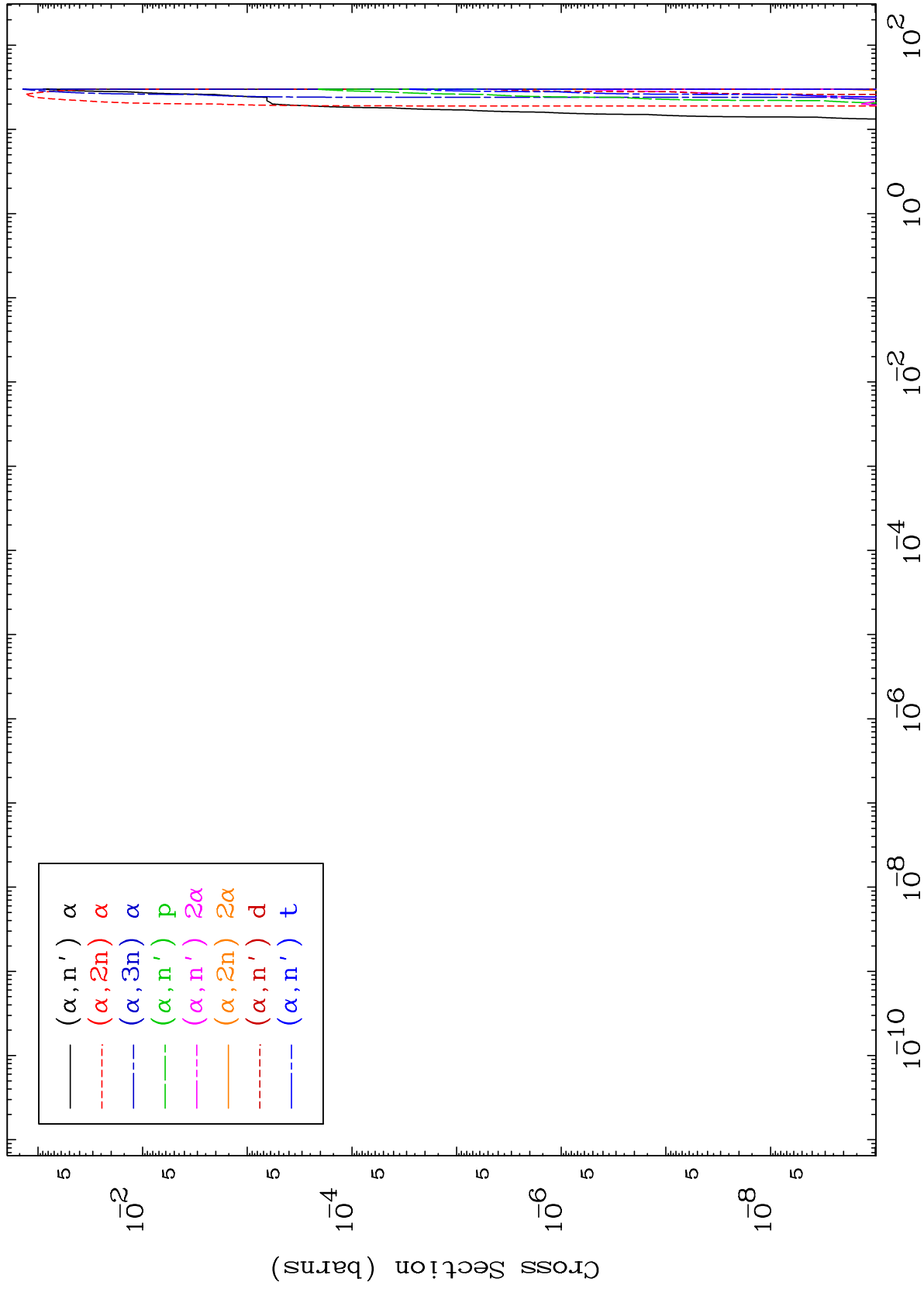
83-Bi-212

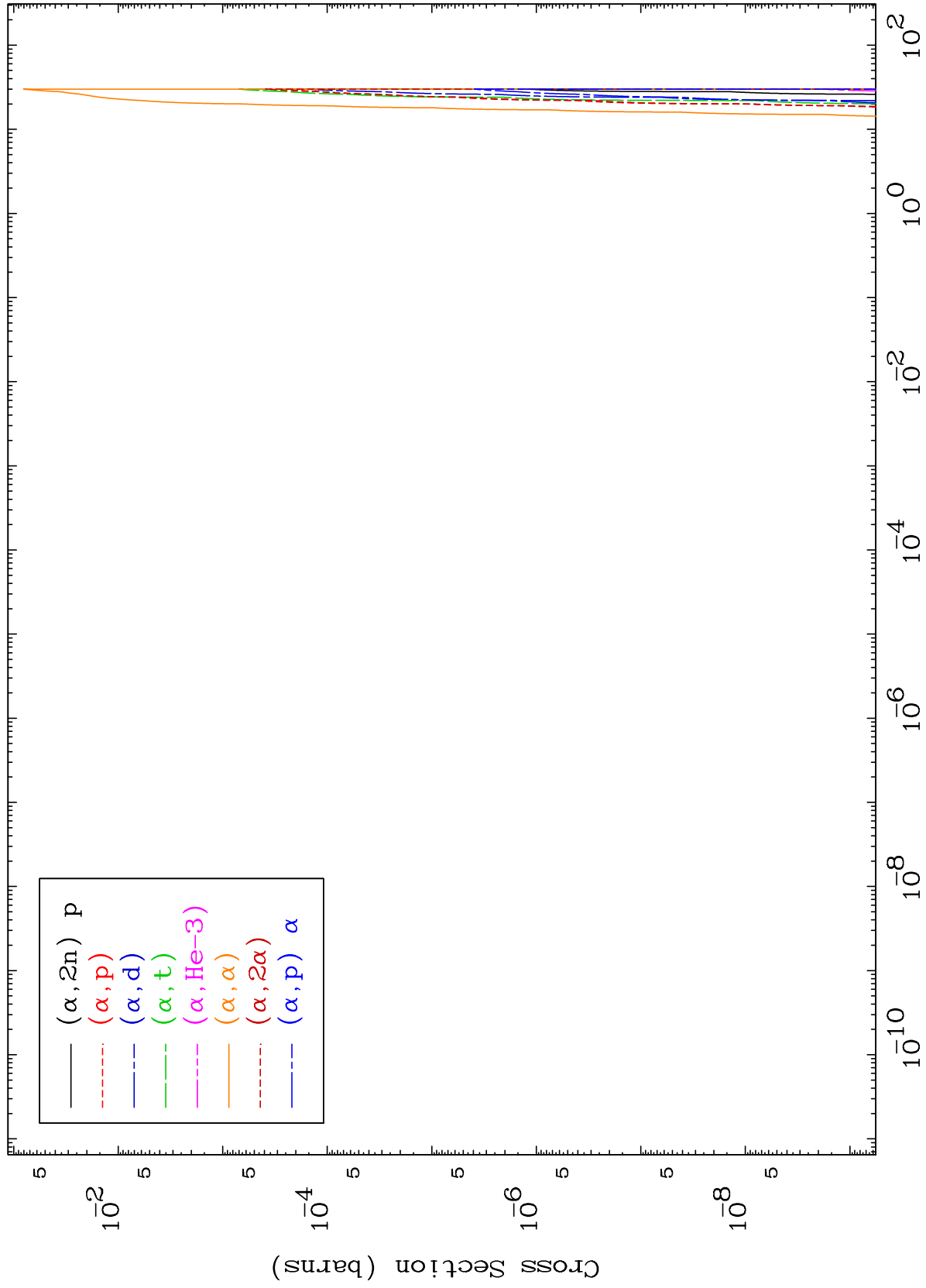


3

Incident Energy (MeV)

83-Bi-212

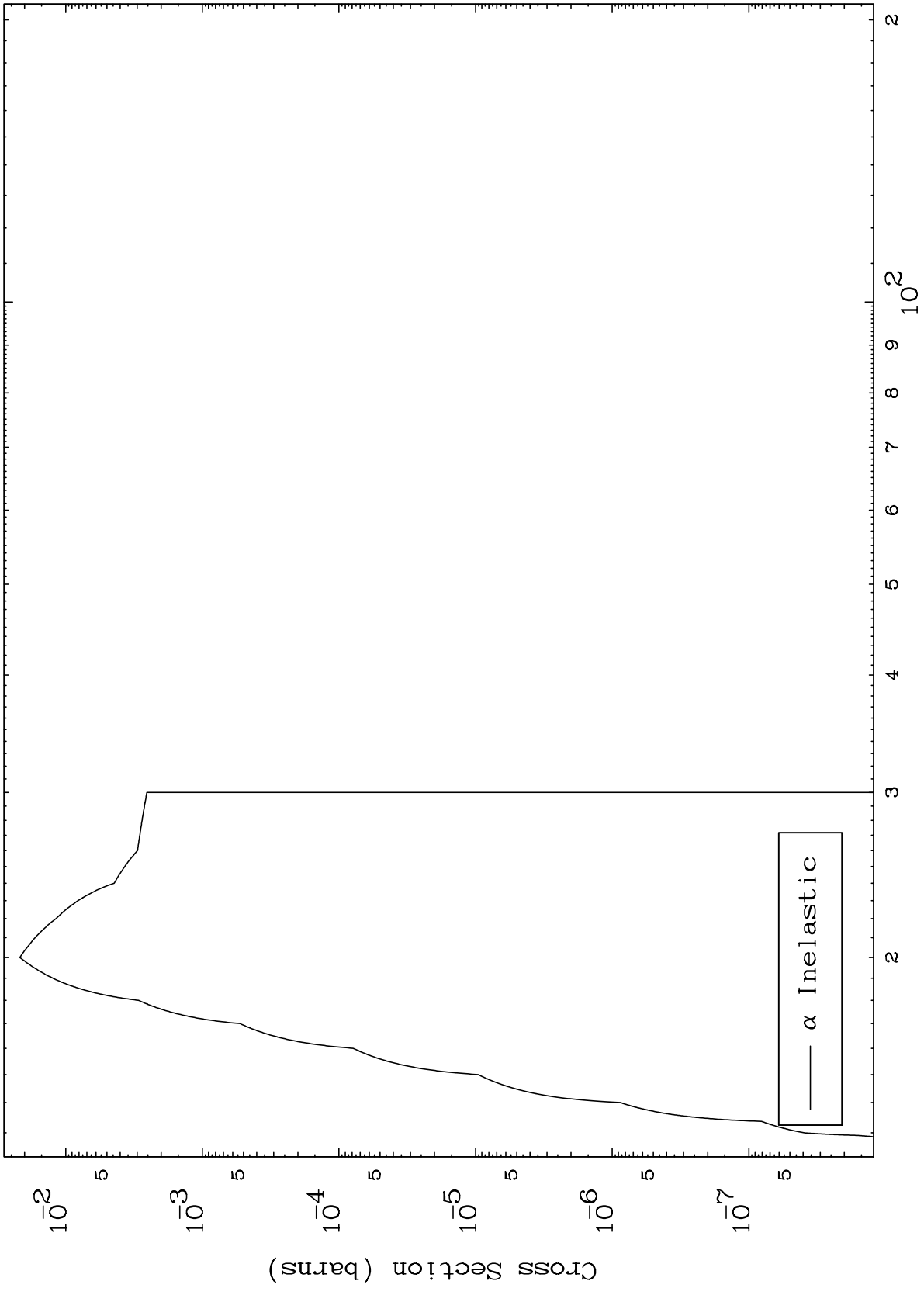




MAT 8334

(α, n') Level
0 Kelvin Cross Sections

83-Bi-212



6

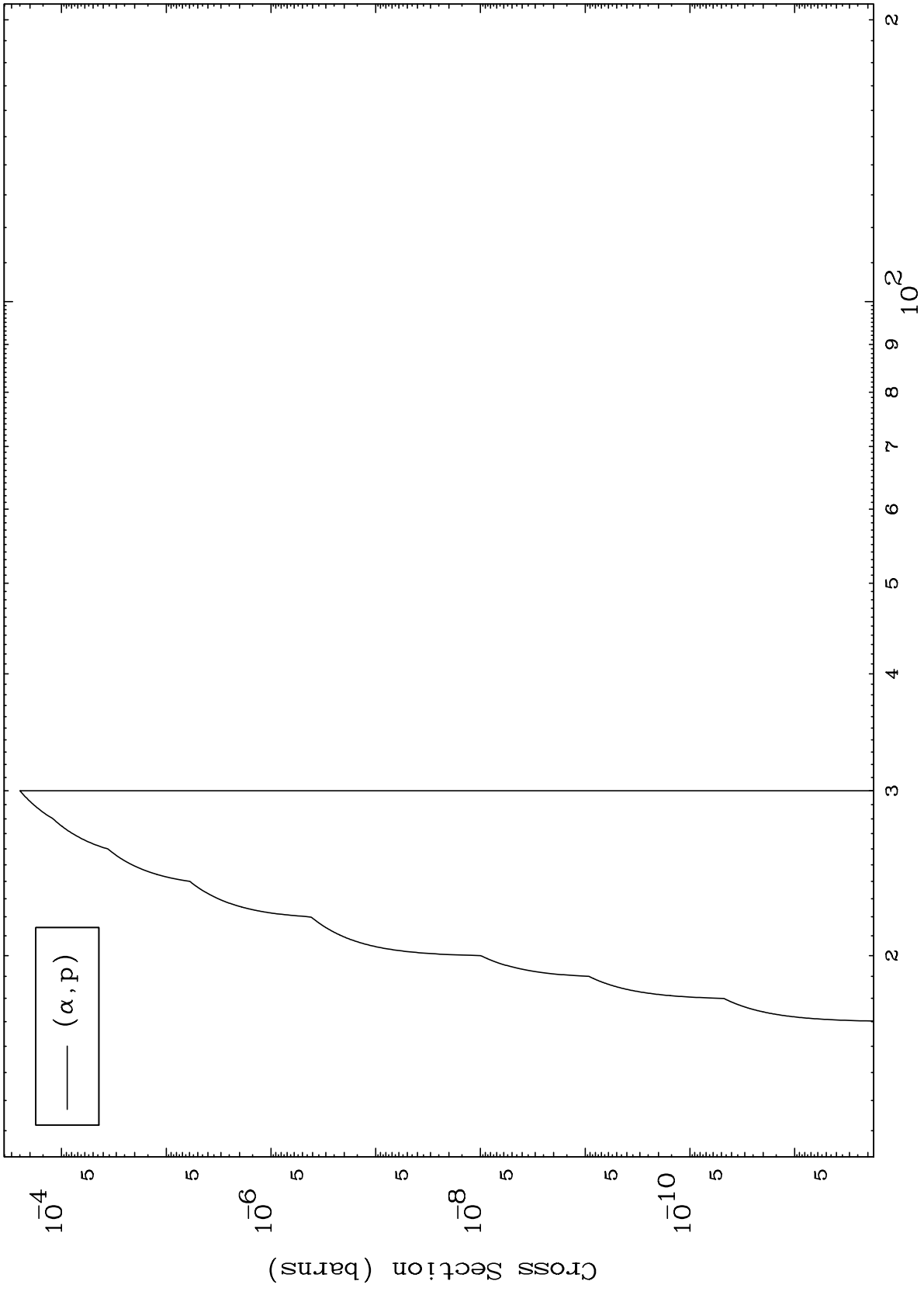
Incident Energy (MeV)

83-Bi-212

MAT 8334

(α, p) Levels
0 Kelvin Cross Sections

83-Bi-212



7

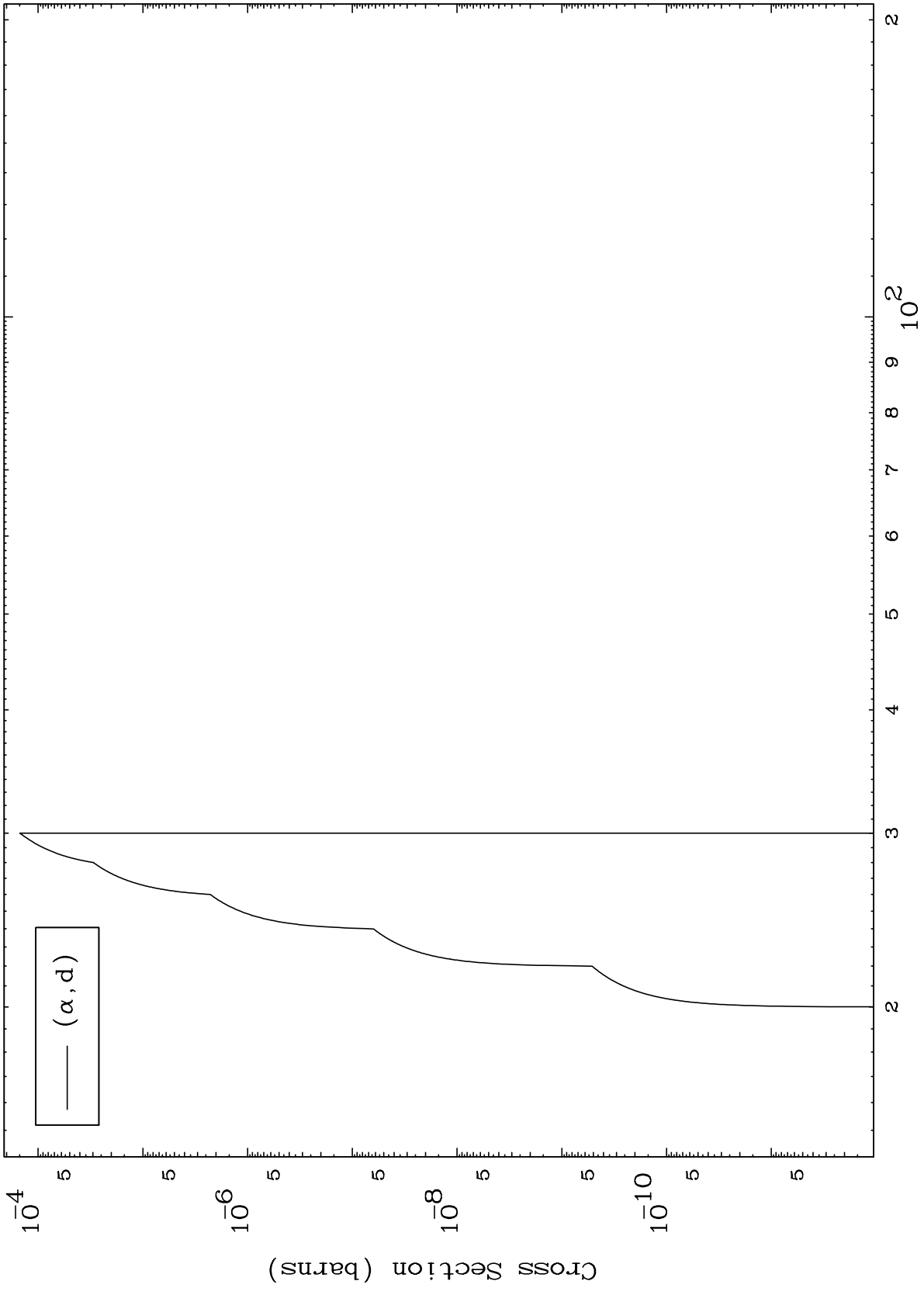
Incident Energy (MeV)

83-Bi-212

MAT 8334

(α, d) Levels
0 Kelvin Cross Sections

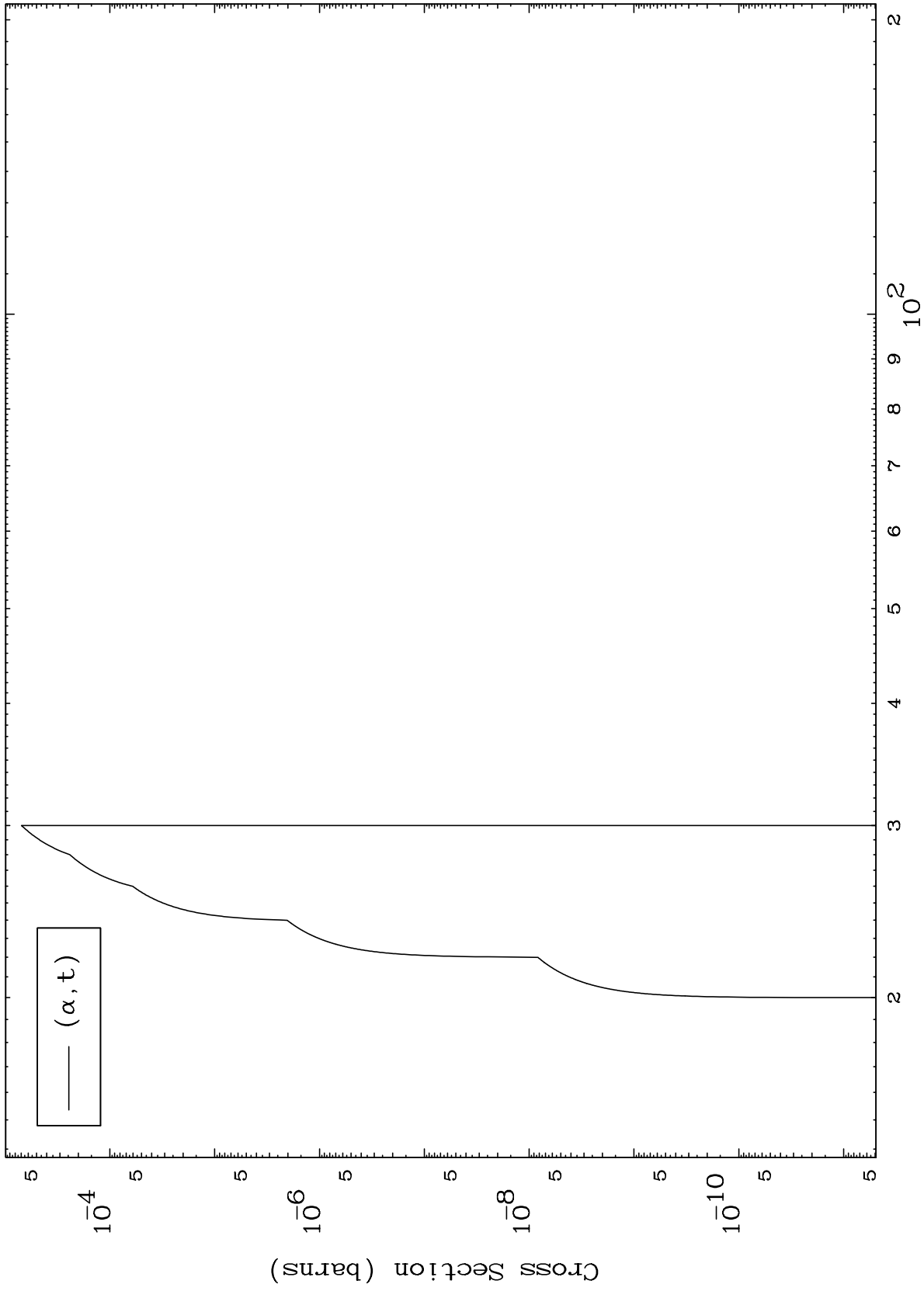
83-Bi-212



MAT 8334

(α, t) Levels
0 Kelvin Cross Sections

83-Bi-212



9

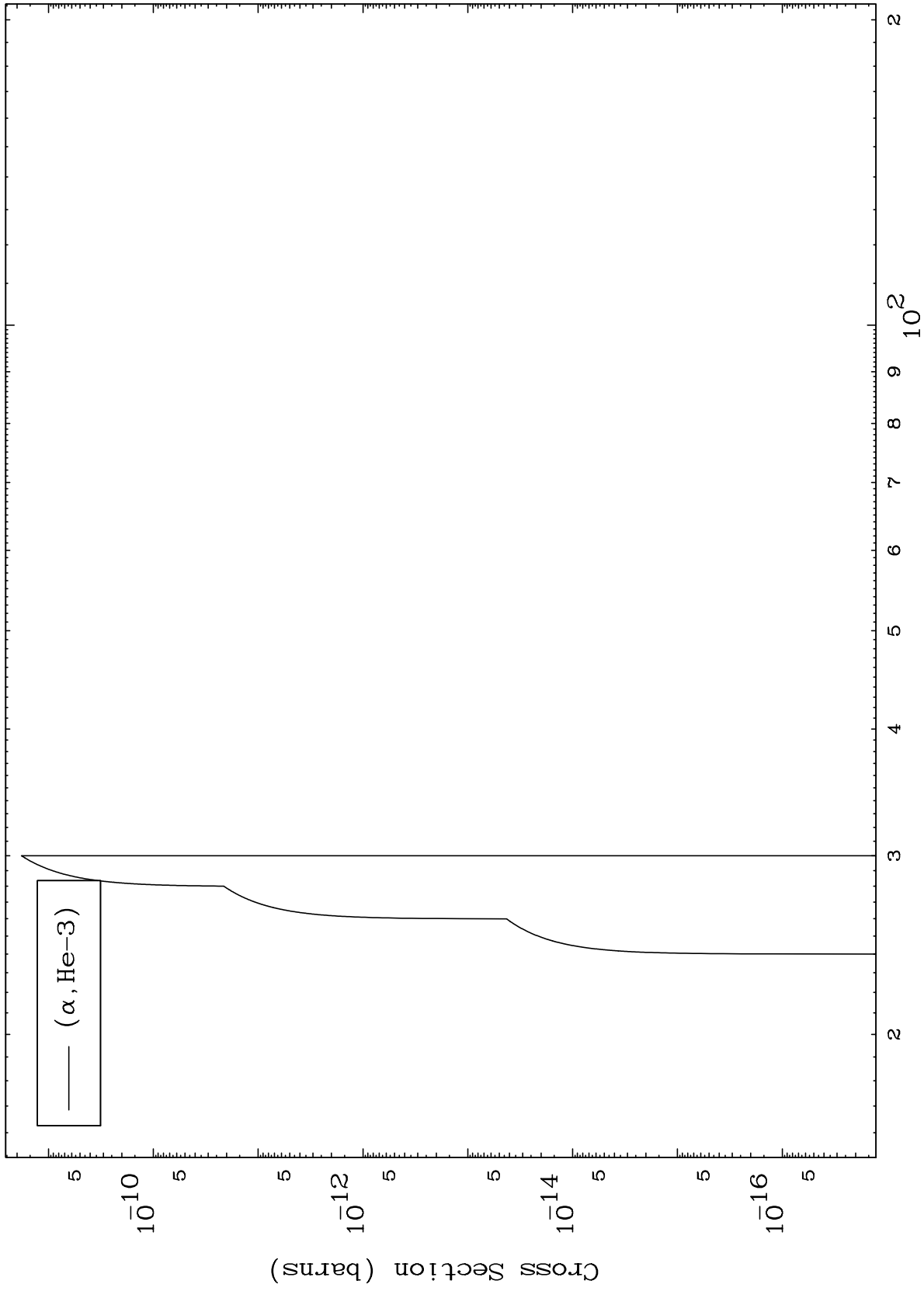
Incident Energy (MeV)

83-Bi-212

MAT 8334

(α ,He3) Levels
0 Kelvin Cross Sections

83-Bi-212



10

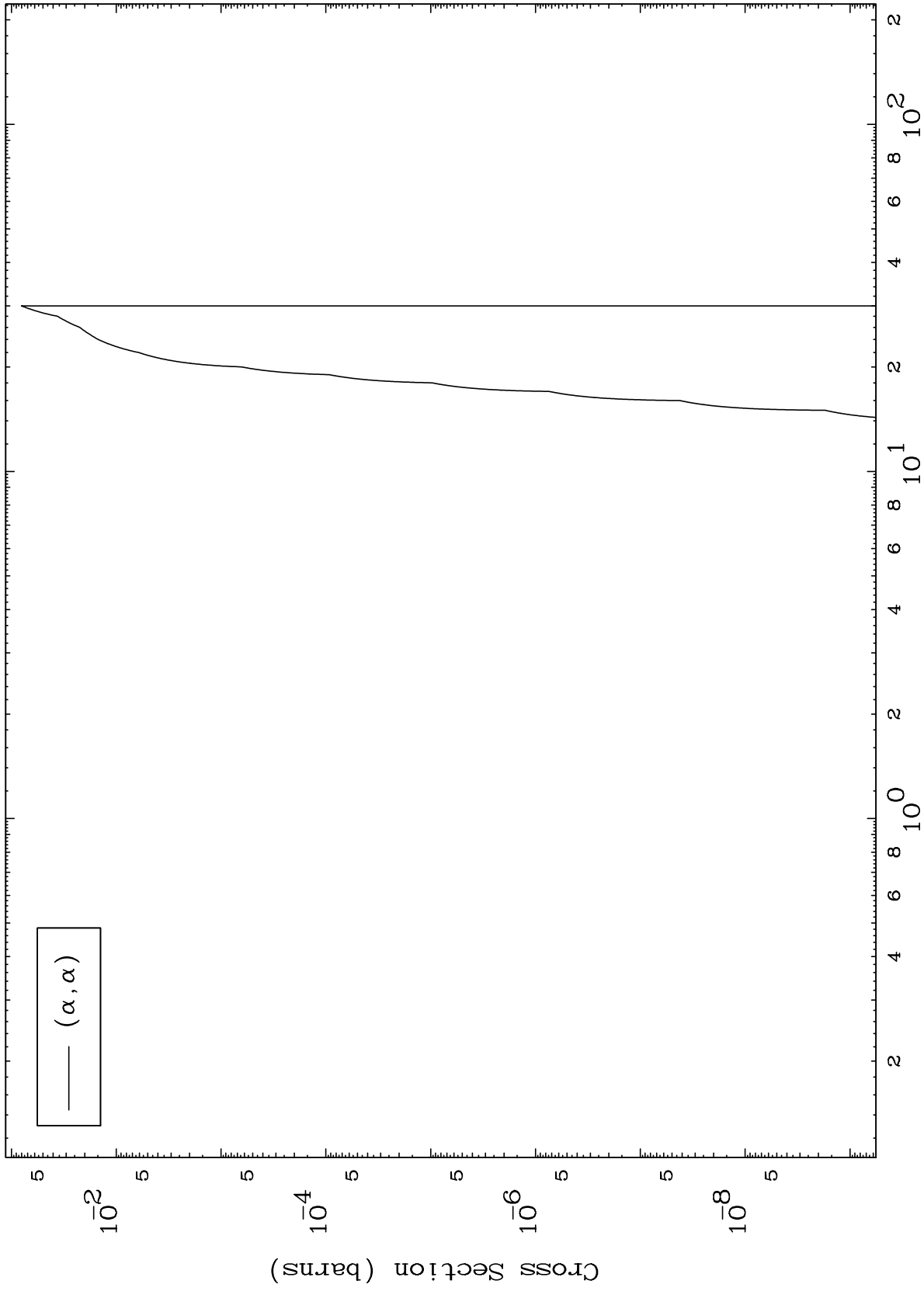
Incident Energy (MeV)

83-Bi-212

MAT 8334

(α, α) Levels
0 Kelvin Cross Sections

83-Bi-212



11

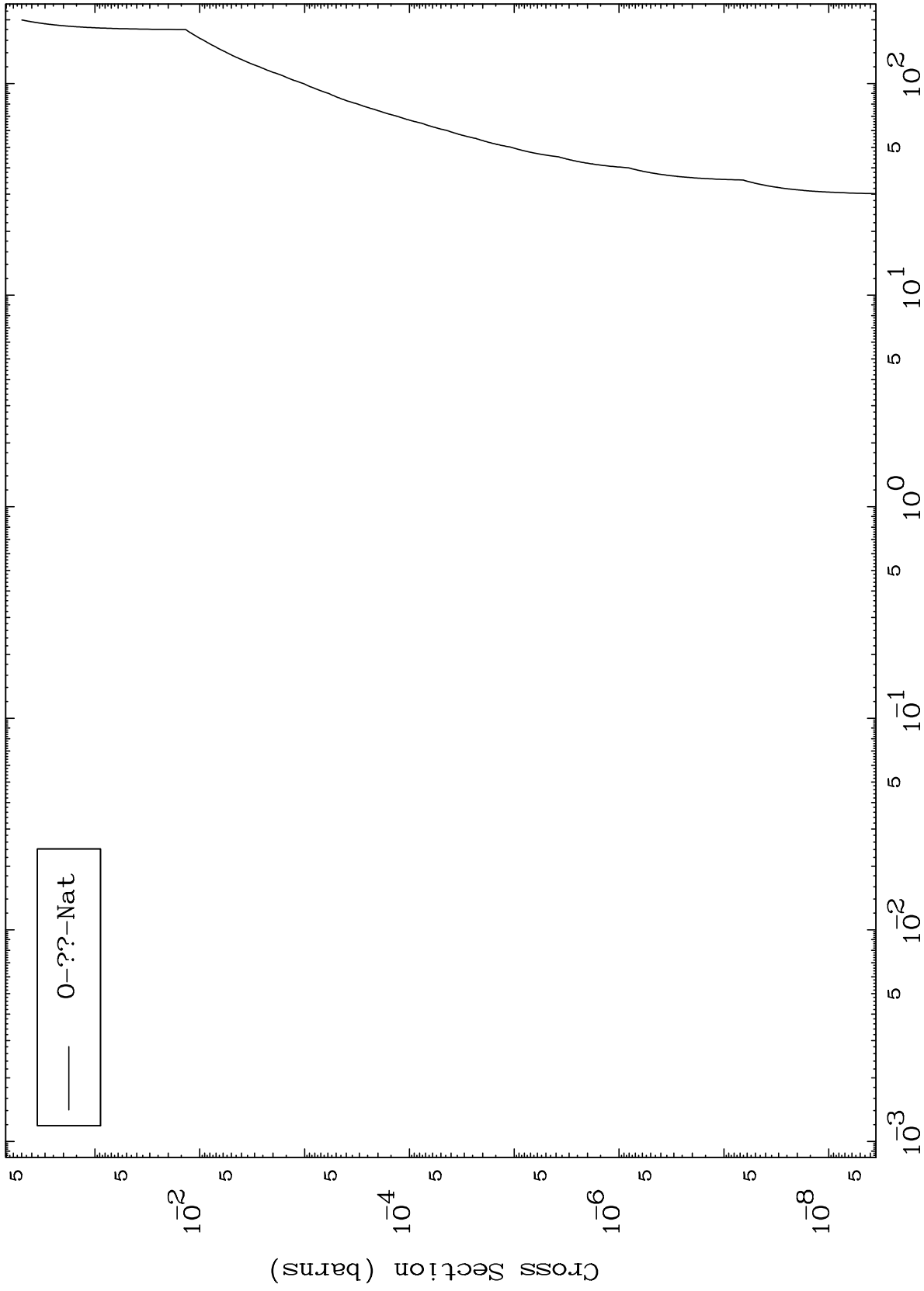
Incident Energy (MeV)

83-Bi-212

MAT 8334

α Fission
Radionuclide Production Cross Section

83-Bi-212



12

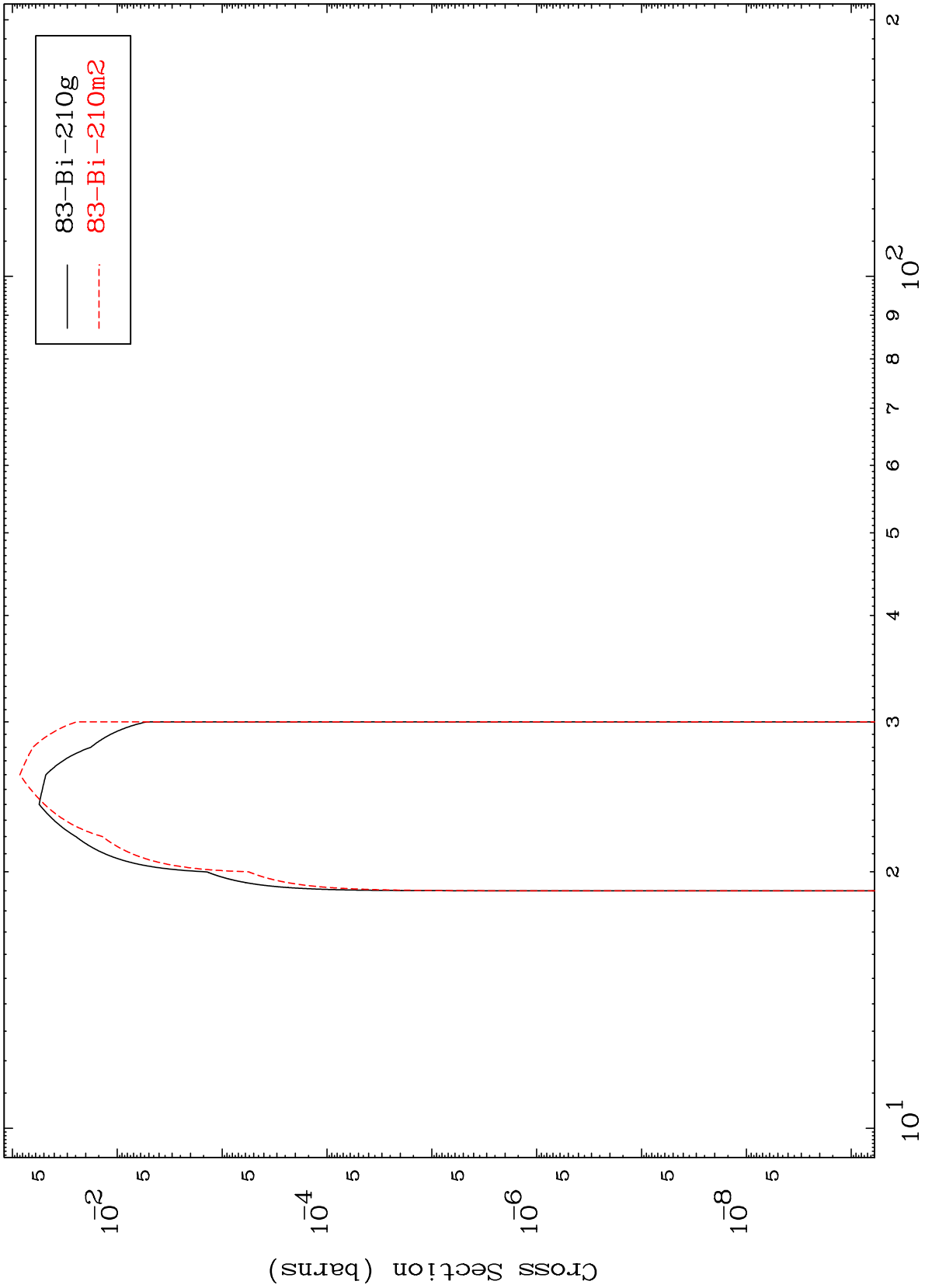
Incident Energy (MeV)

83-Bi-212

MAT 8334

83-Bi-212

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



83-Bi-212

Incident Energy (MeV)

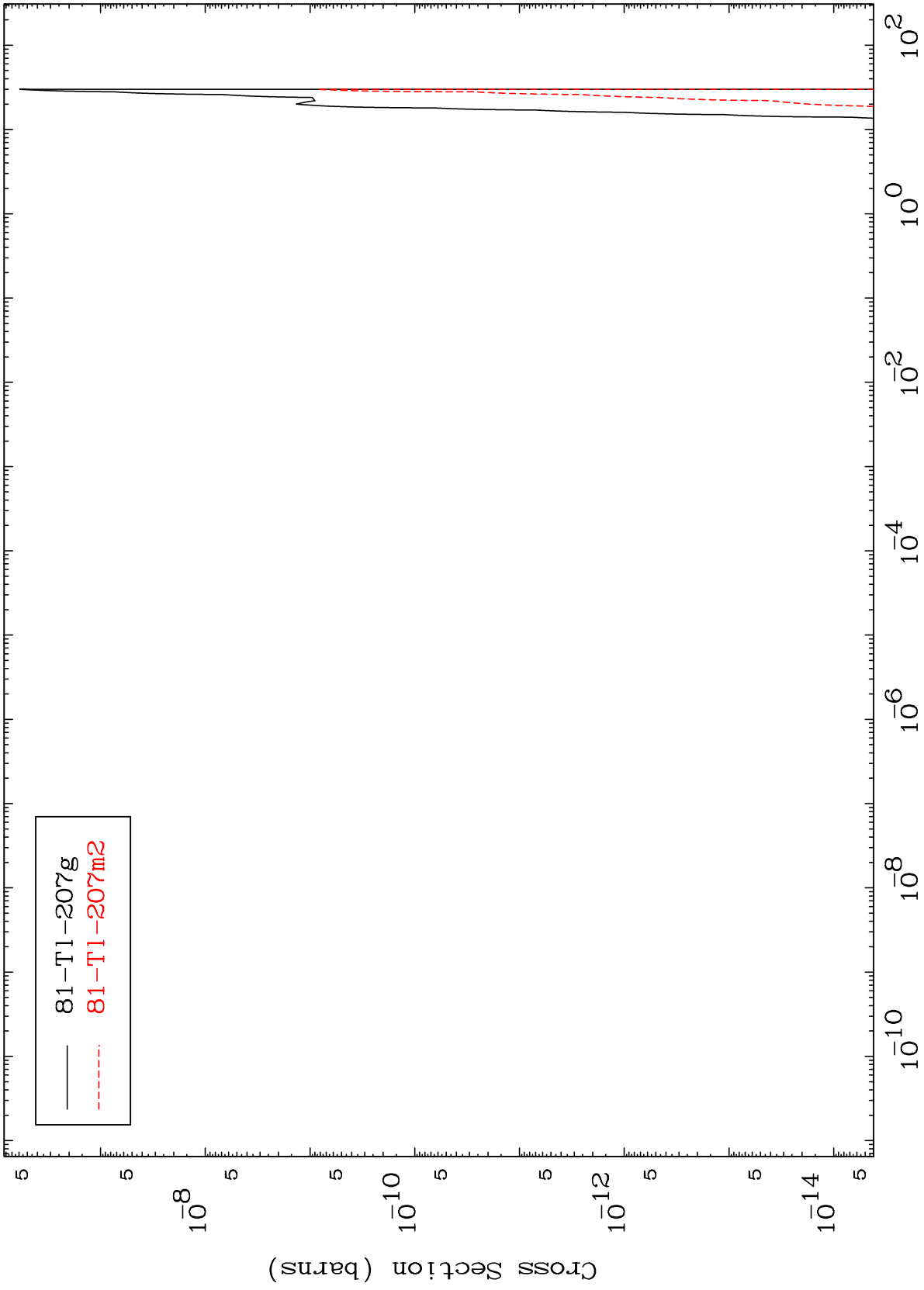
13

MAT 8334

(α, n') 2α

83-Bi-212

Radionuclide Production Cross Section



14

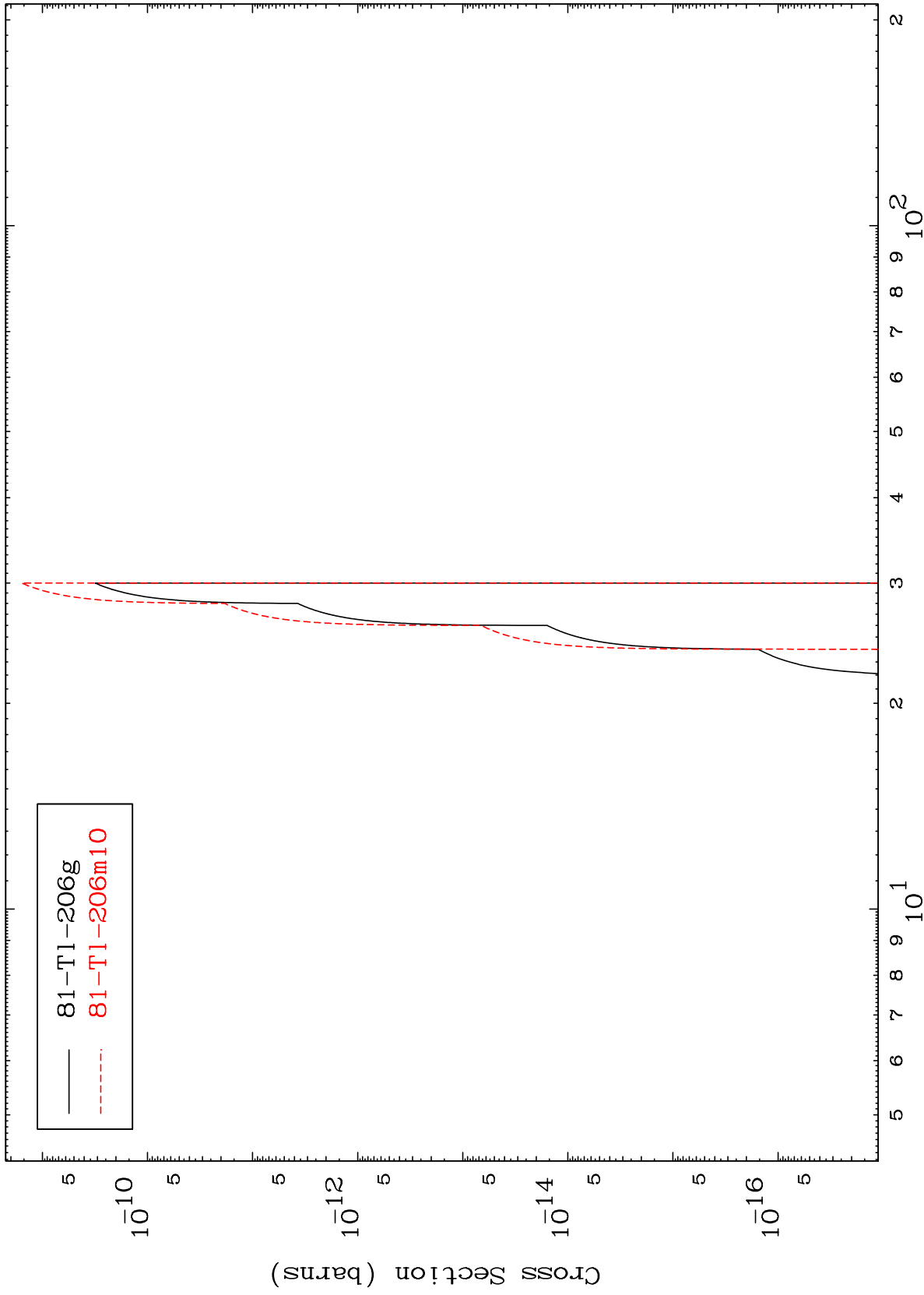
Incident Energy (MeV)

83-Bi-212

MAT 8334

83-Bi-212

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



15

Incident Energy (MeV)

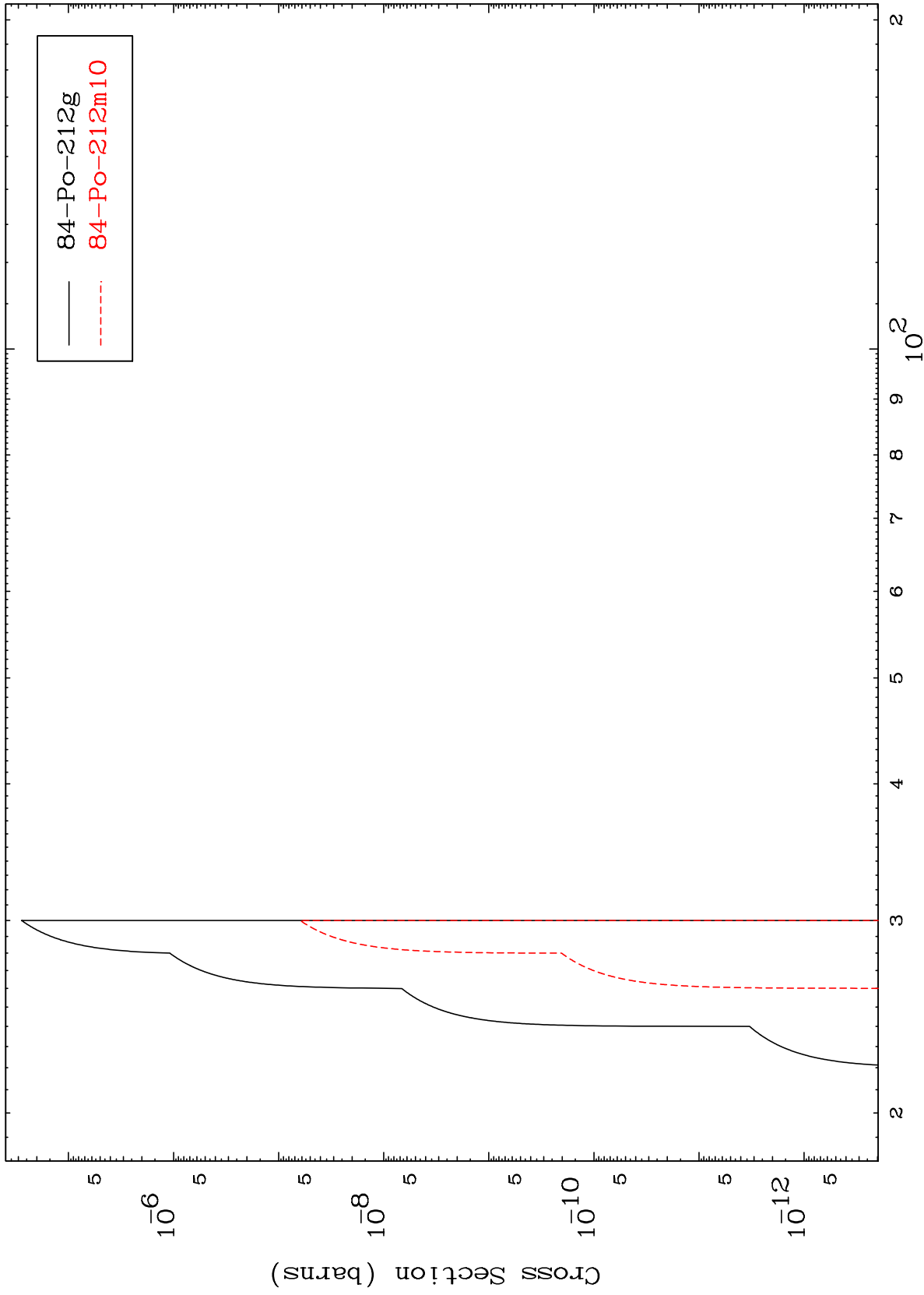
83-Bi-212

MAT 8334

(α, n') t

83-Bi-212

Radionuclide Production Cross Section



16

Incident Energy (MeV)

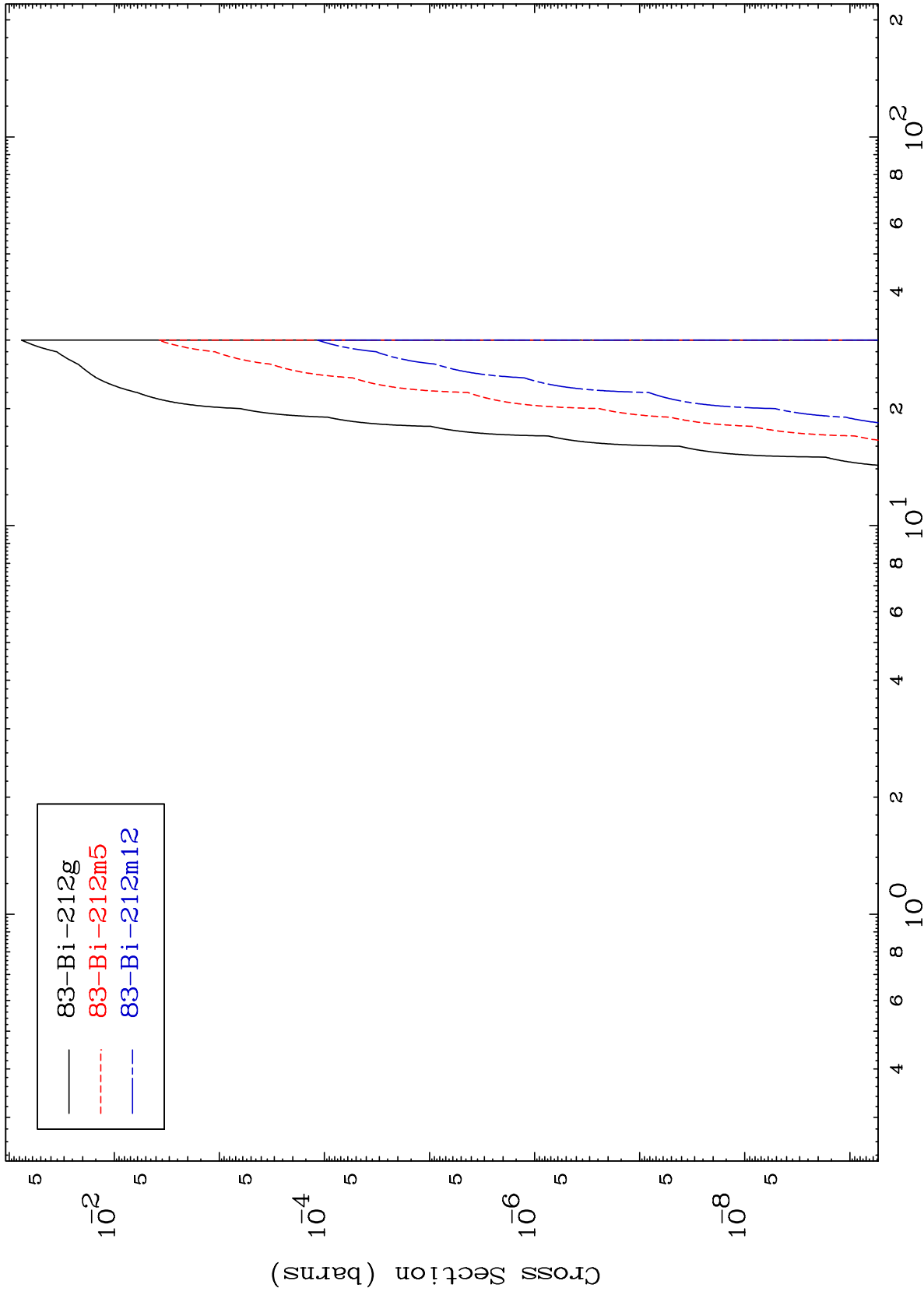
83-Bi-212

MAT 8334

(α, α)

83-Bi-212

Radionuclide Production Cross Section



17

Incident Energy (MeV)

83-Bi-212