

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

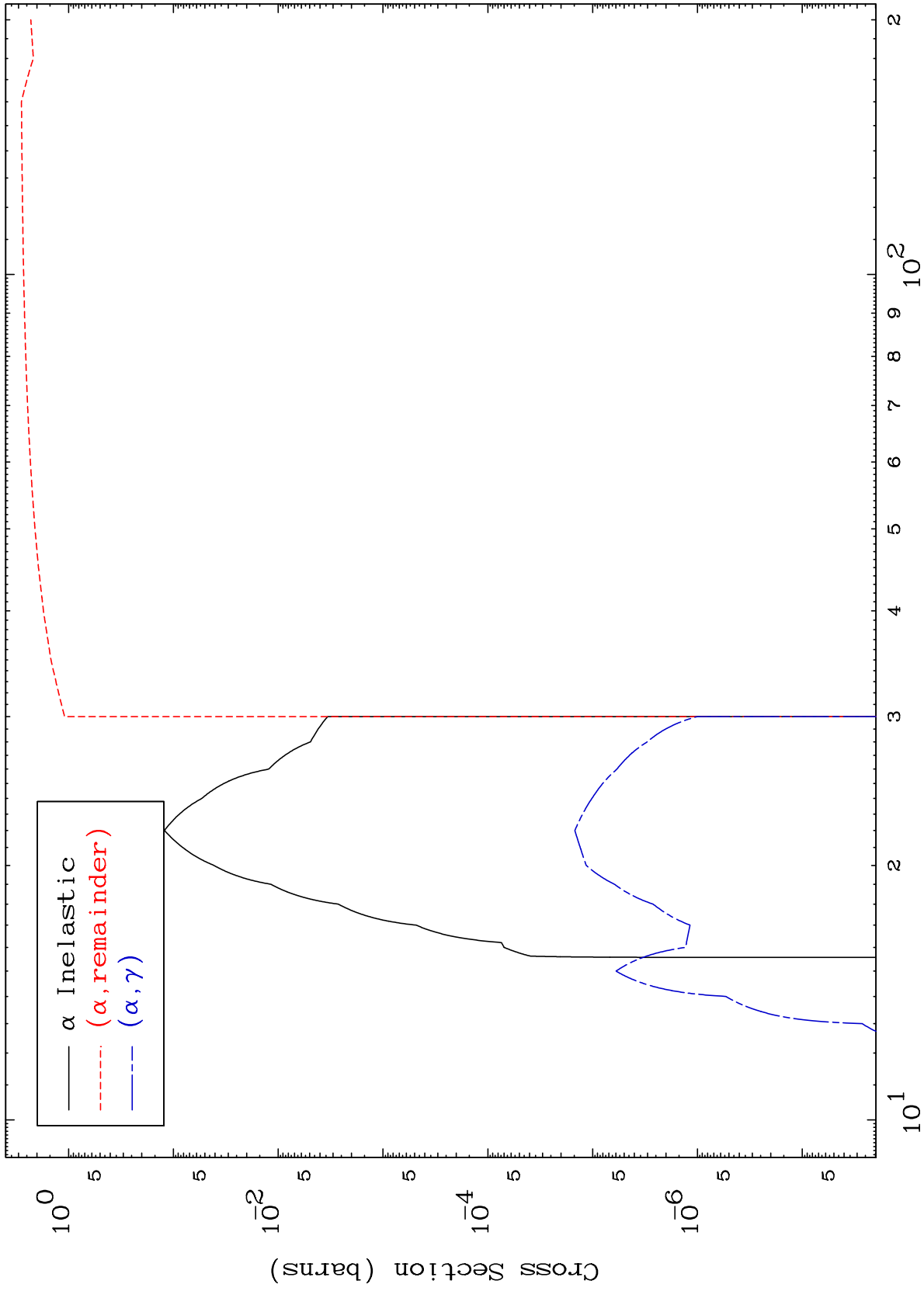
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8325

0 Kelvin α Major
Cross Sections

83-Bi-209



1

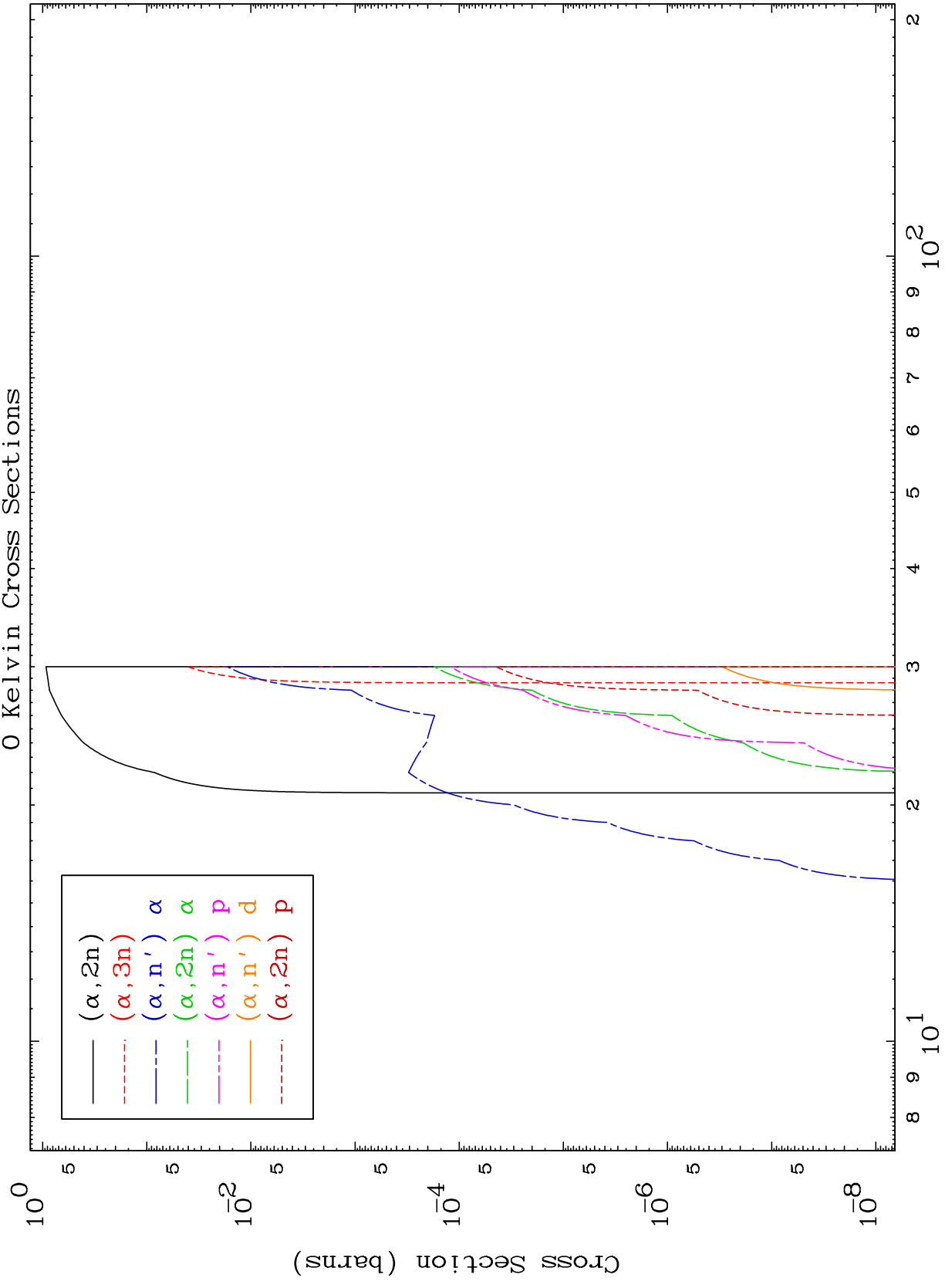
Incident Energy (MeV)

83-Bi-209

MAT 8325

α Neutron Production
0 Kelvin Cross Sections

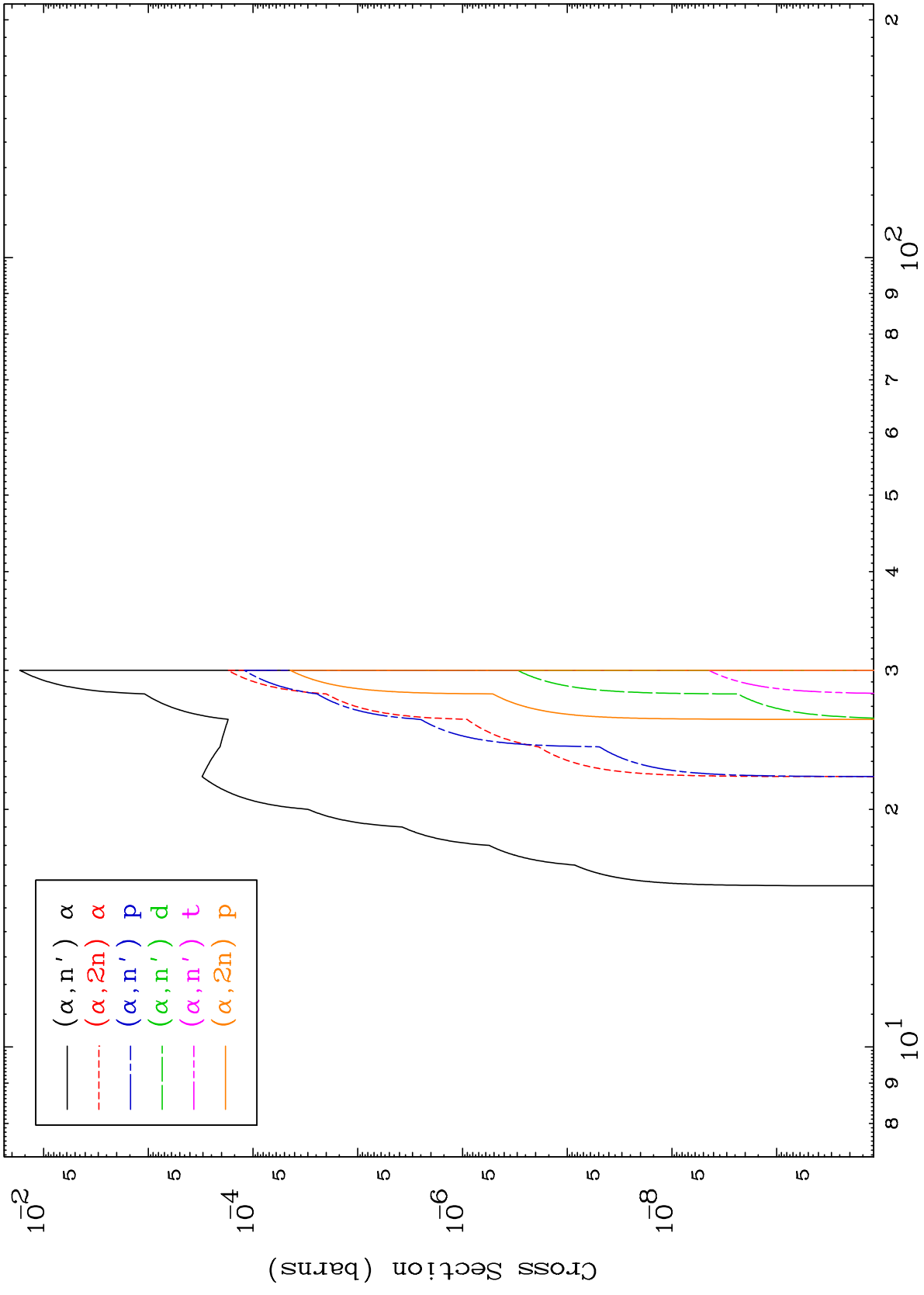
83-Bi-209



2

Incident Energy (MeV)

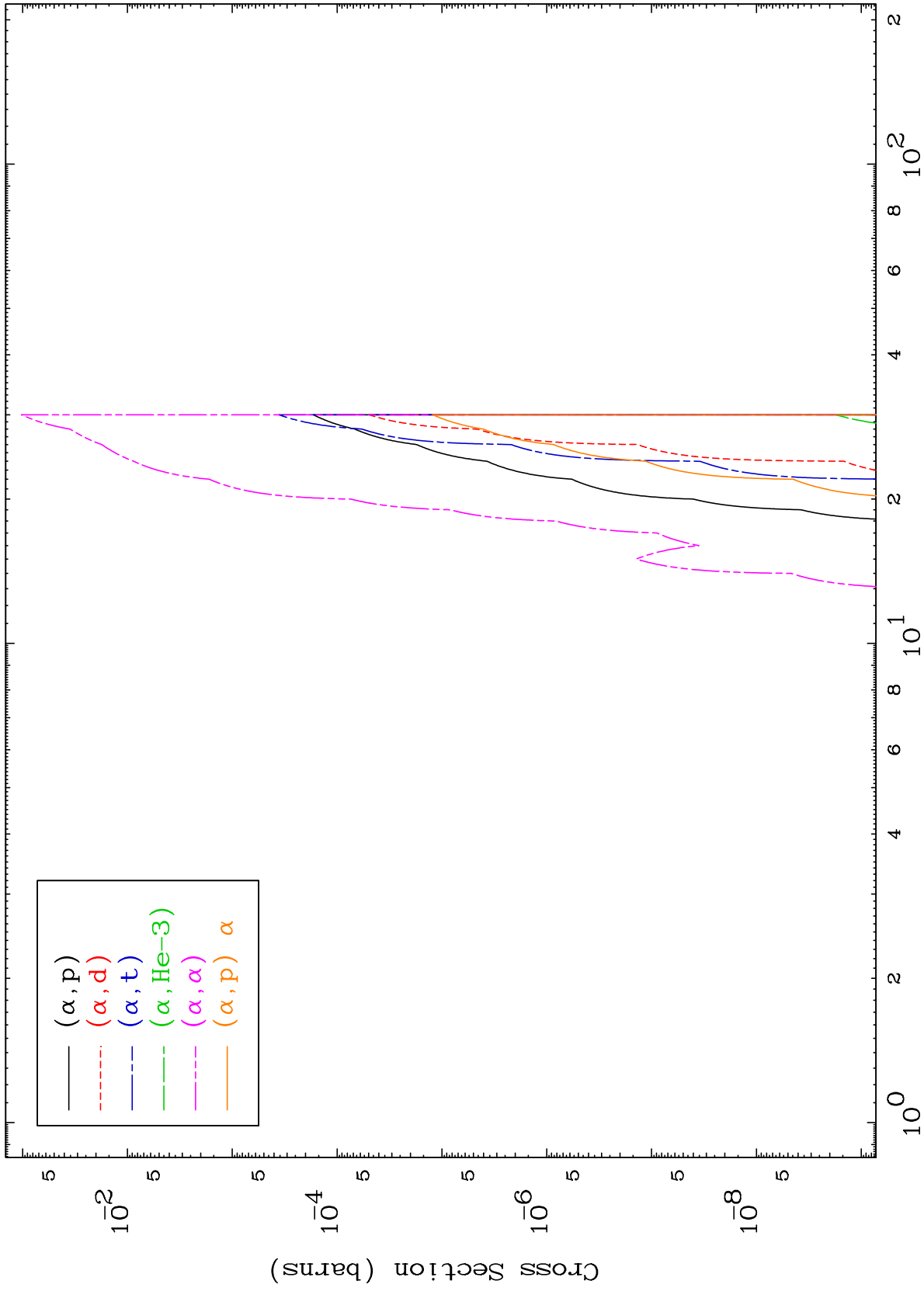
83-Bi-209



MAT 8325

α Charged Particle
0 Kelvin Cross Sections

83-Bi-209

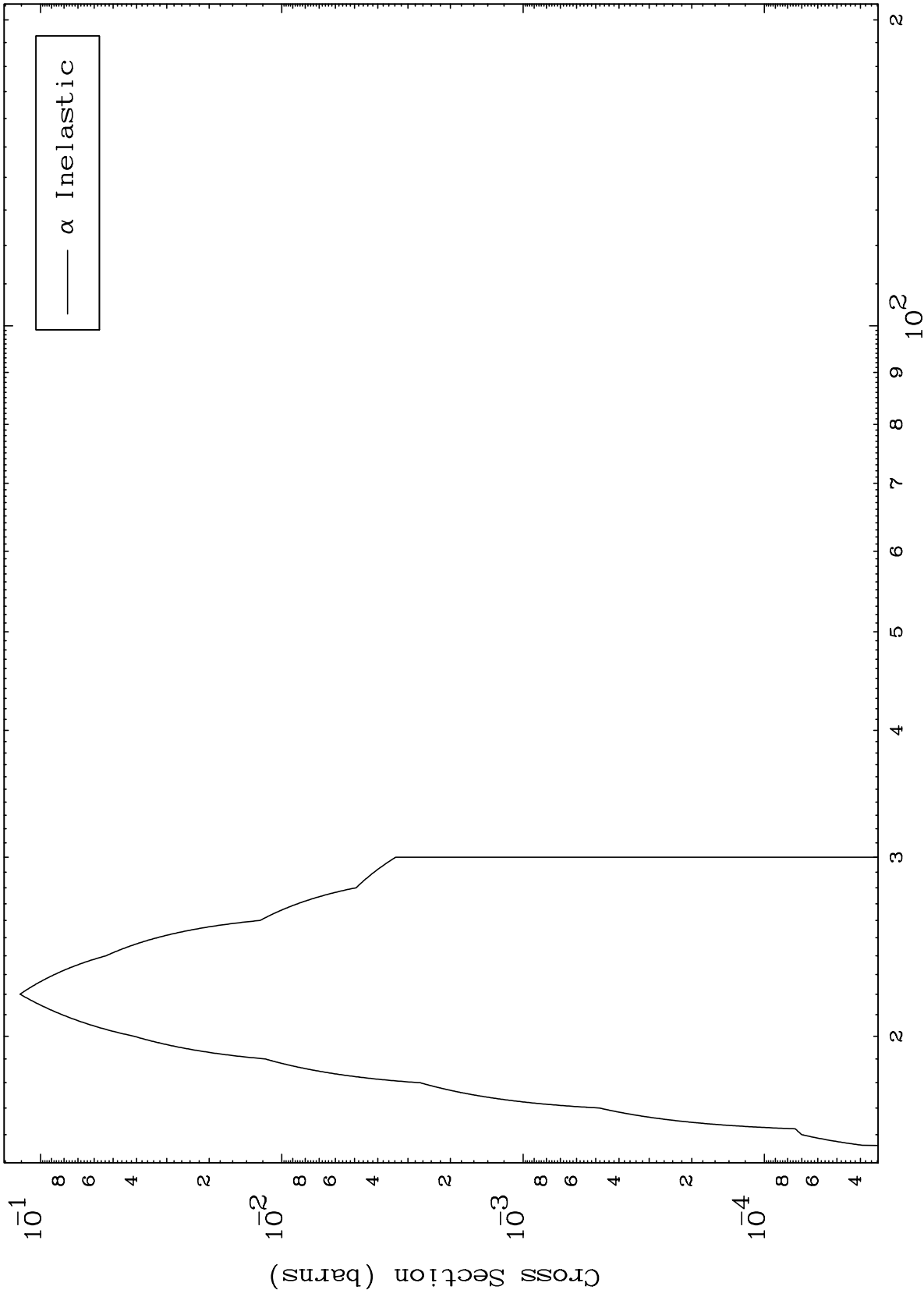


4

MAT 8325

(α, n') Level
0 Kelvin Cross Sections

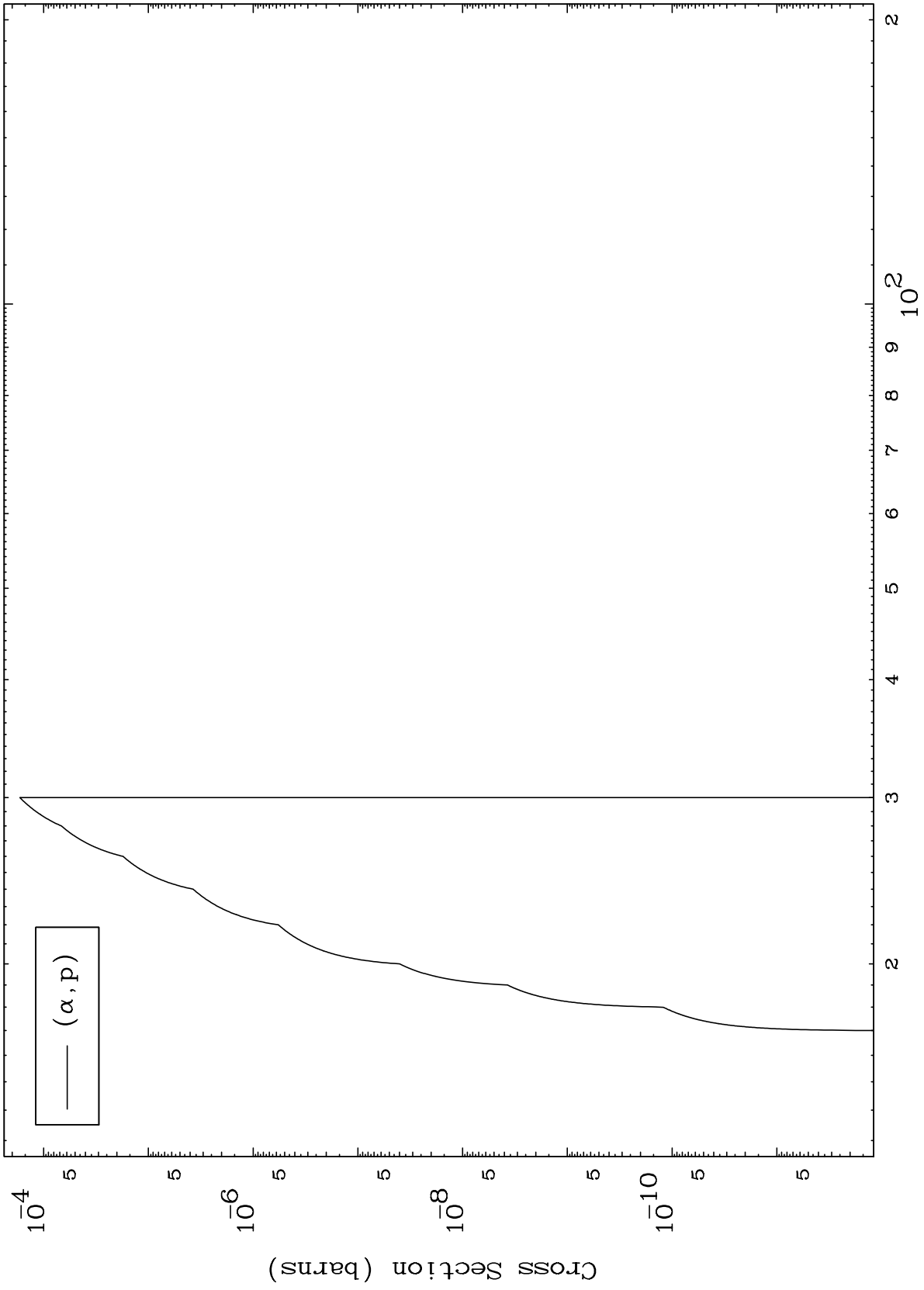
83-Bi-209



5

Incident Energy (MeV)

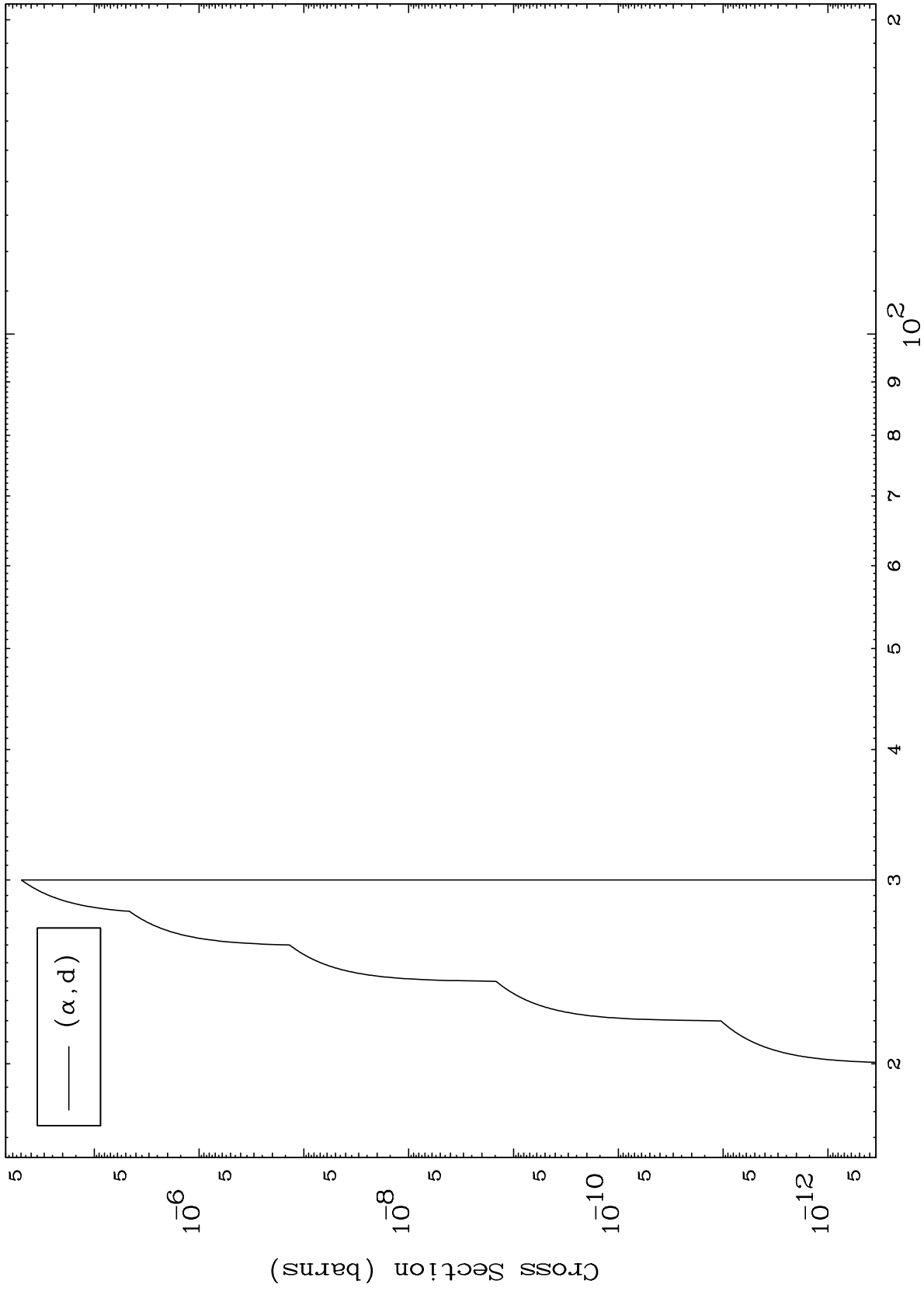
83-Bi-209



MAT 8325

(α, d) Levels
0 Kelvin Cross Sections

83-Bi-209



7

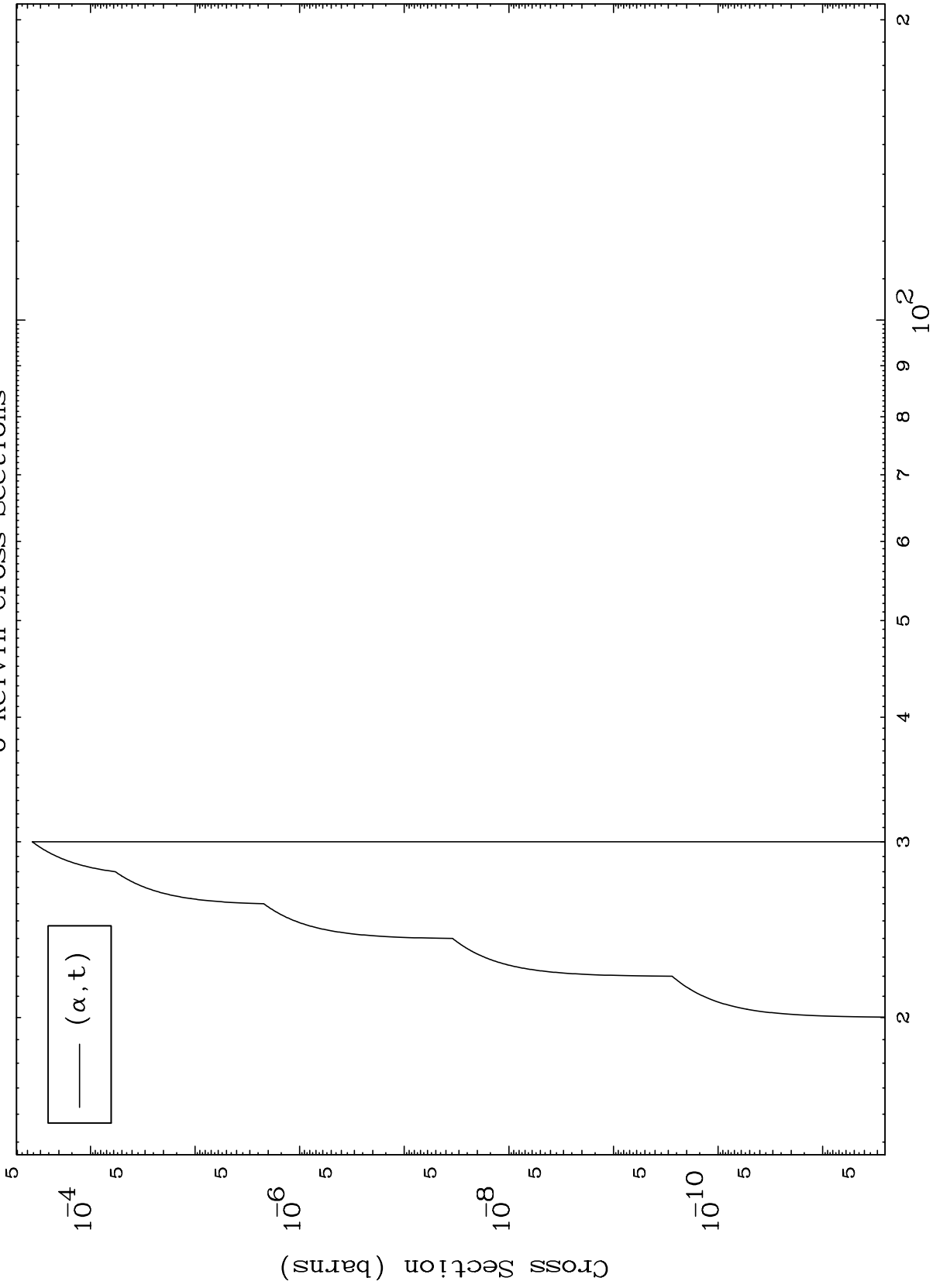
Incident Energy (MeV)

83-Bi-209

MAT 8325

(α, t) Levels
0 Kelvin Cross Sections

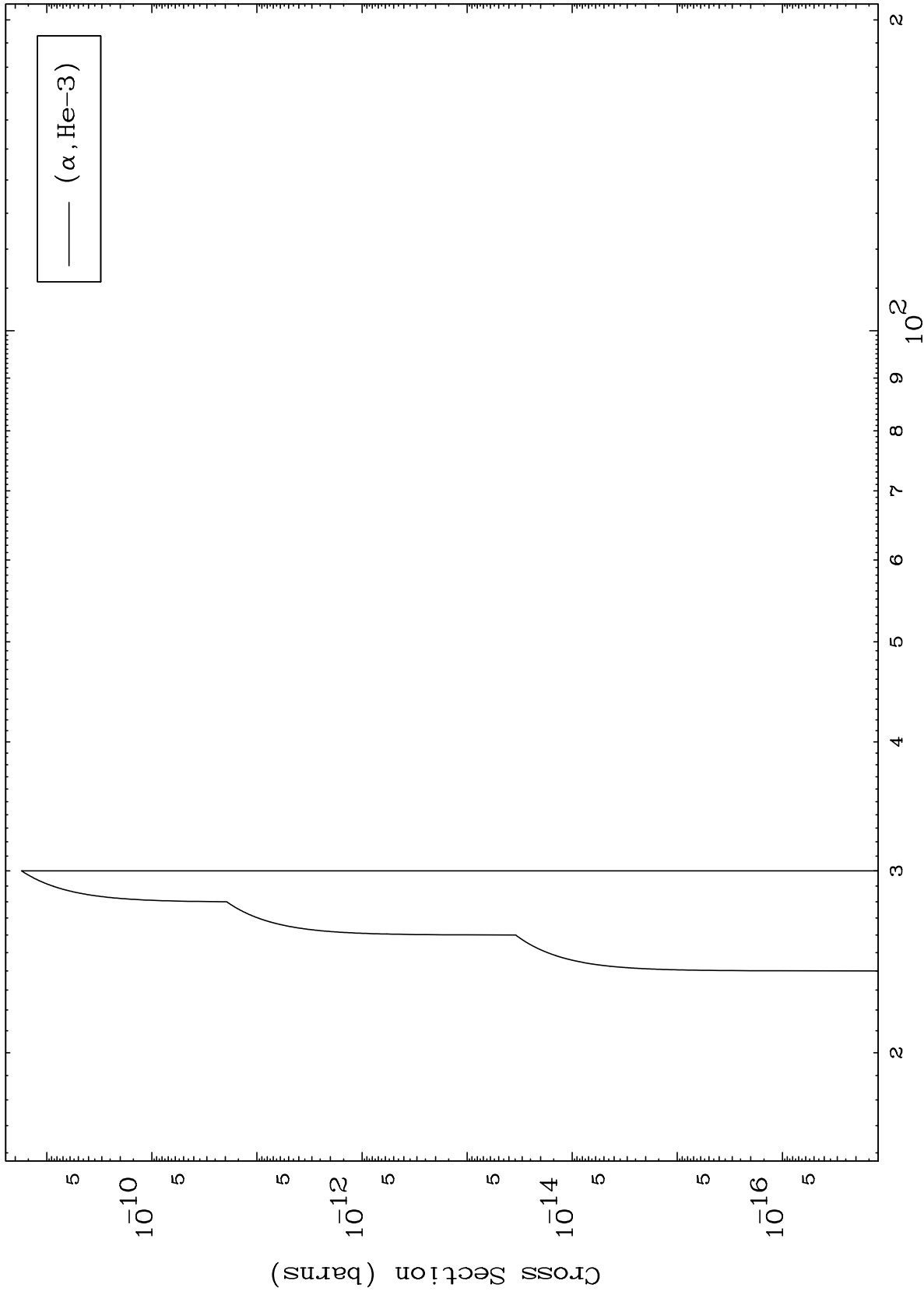
83-Bi-209



8

Incident Energy (MeV)

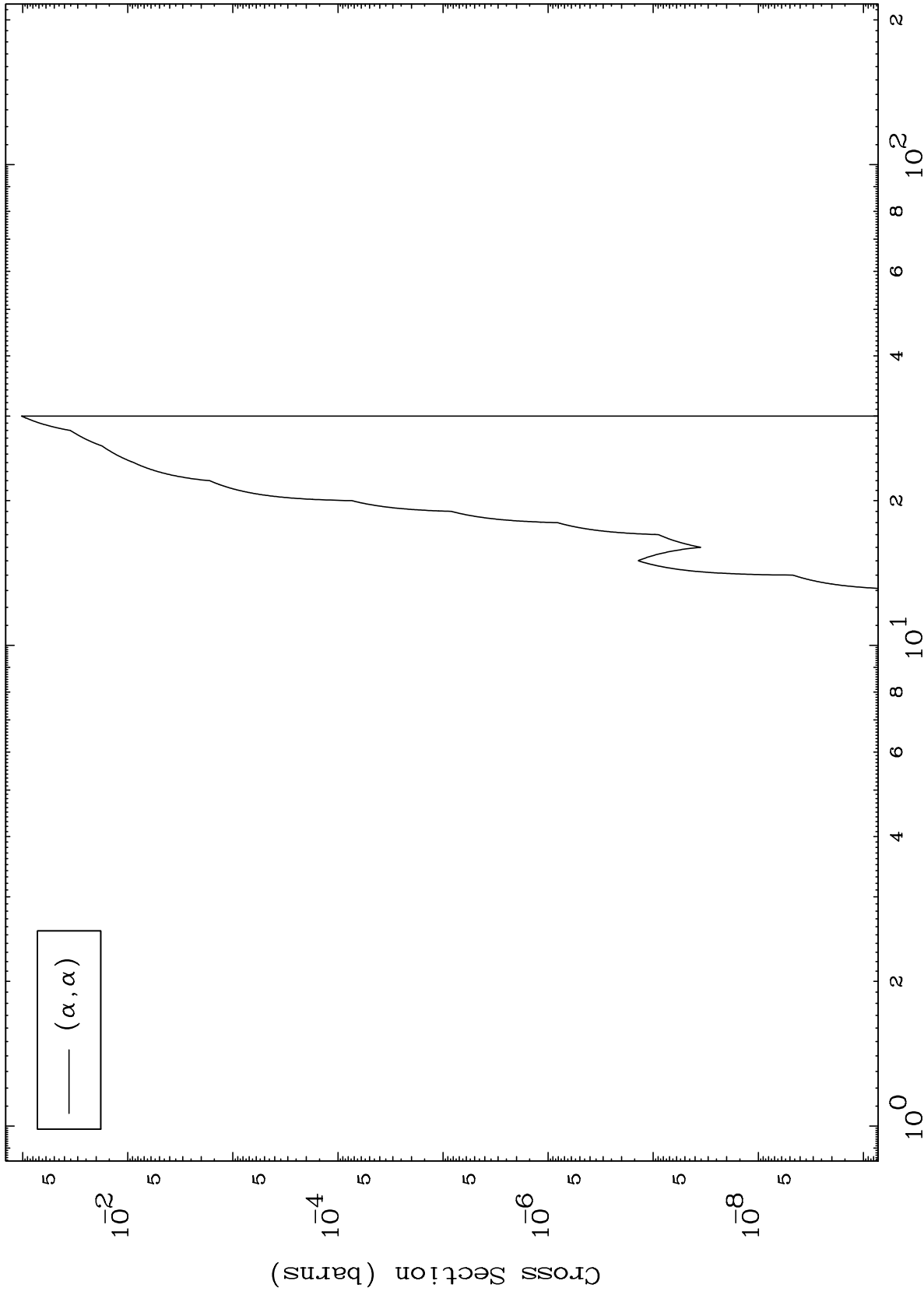
83-Bi-209



MAT 8325

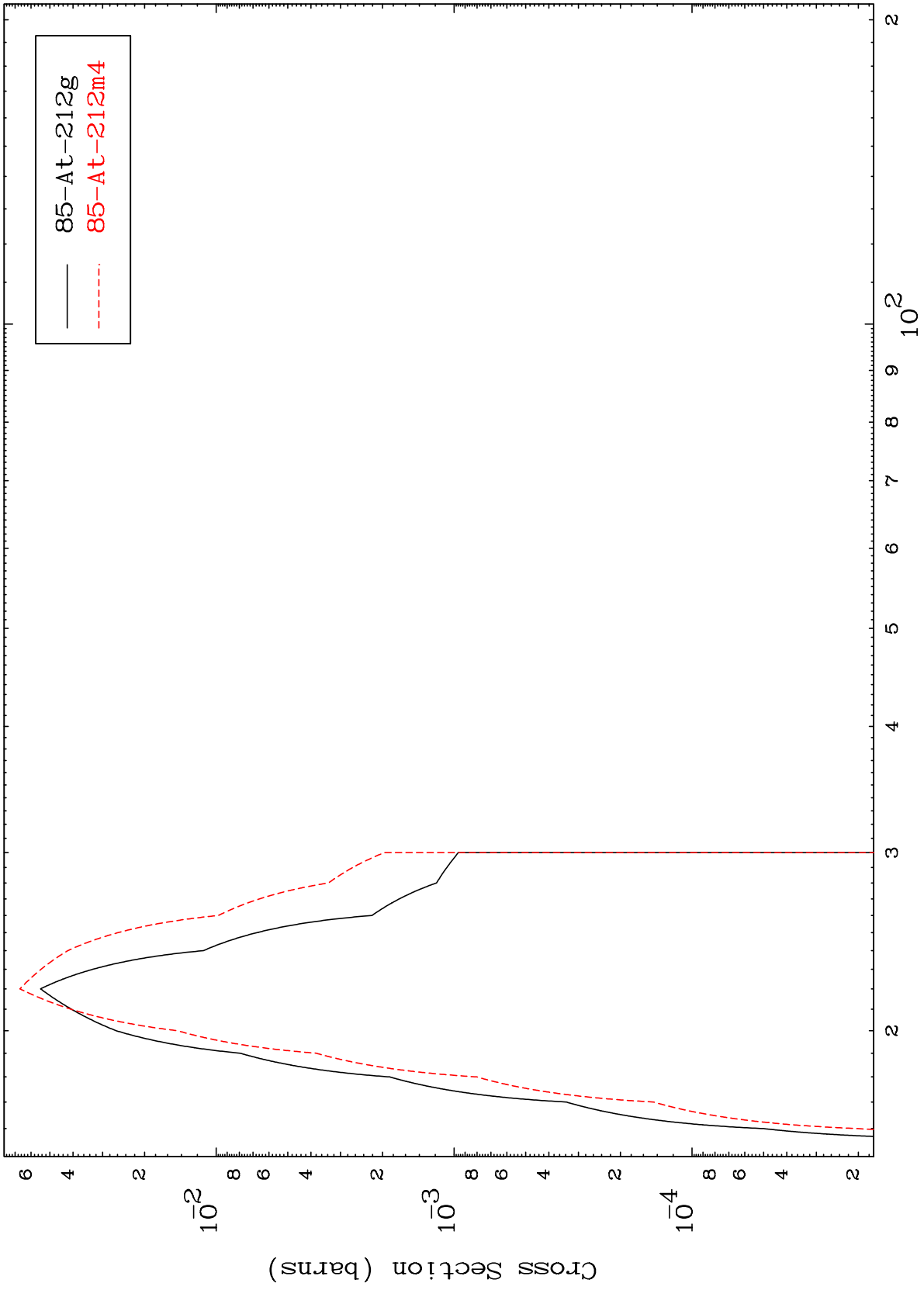
(α, α) Levels
0 Kelvin Cross Sections

83-Bi-209



83-Bi-209

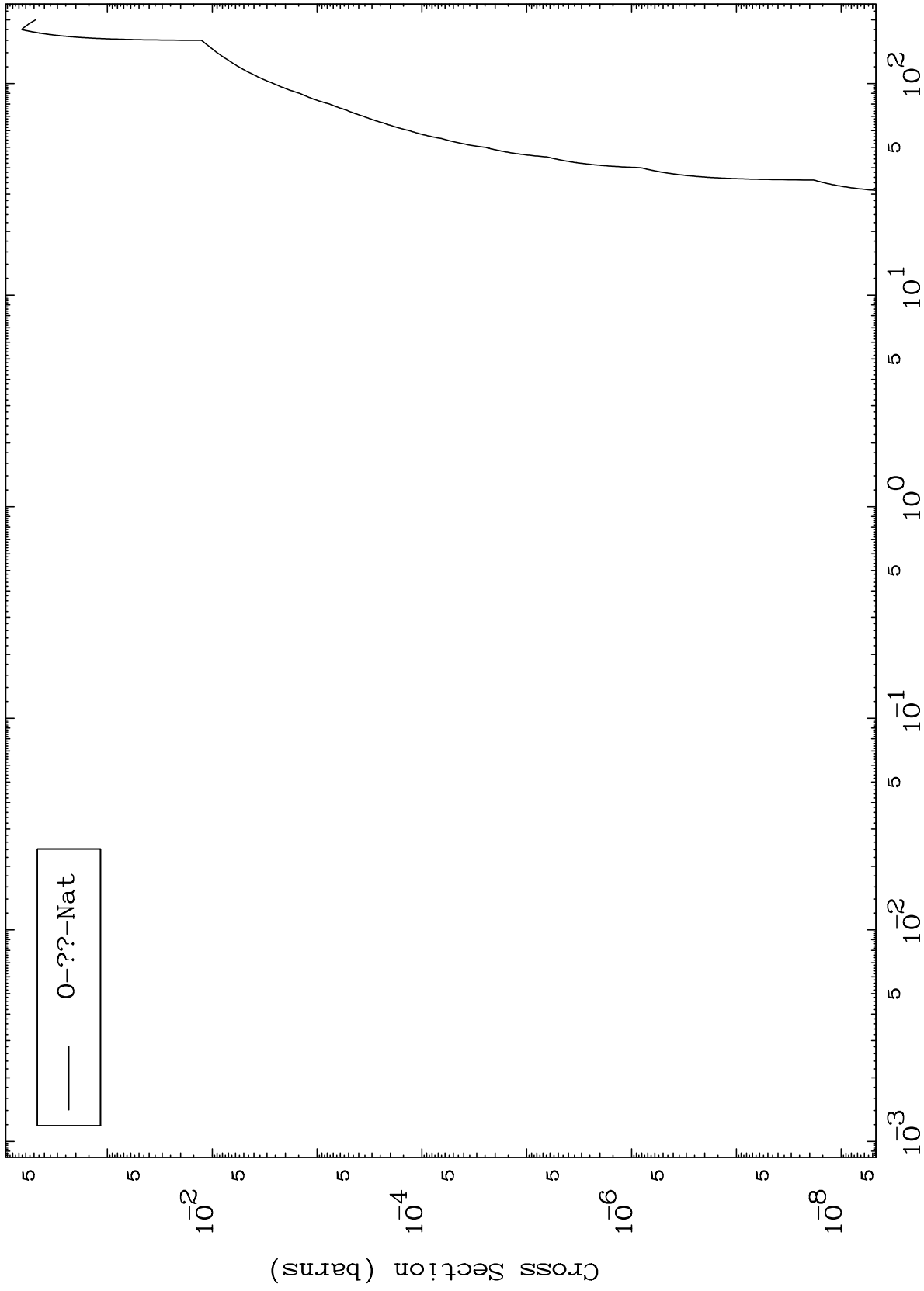
α Inelastic
Radionuclide Production Cross Section



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α Fission
Radionuclide Production Cross Section

83-Bi-209



12

Incident Energy (MeV)

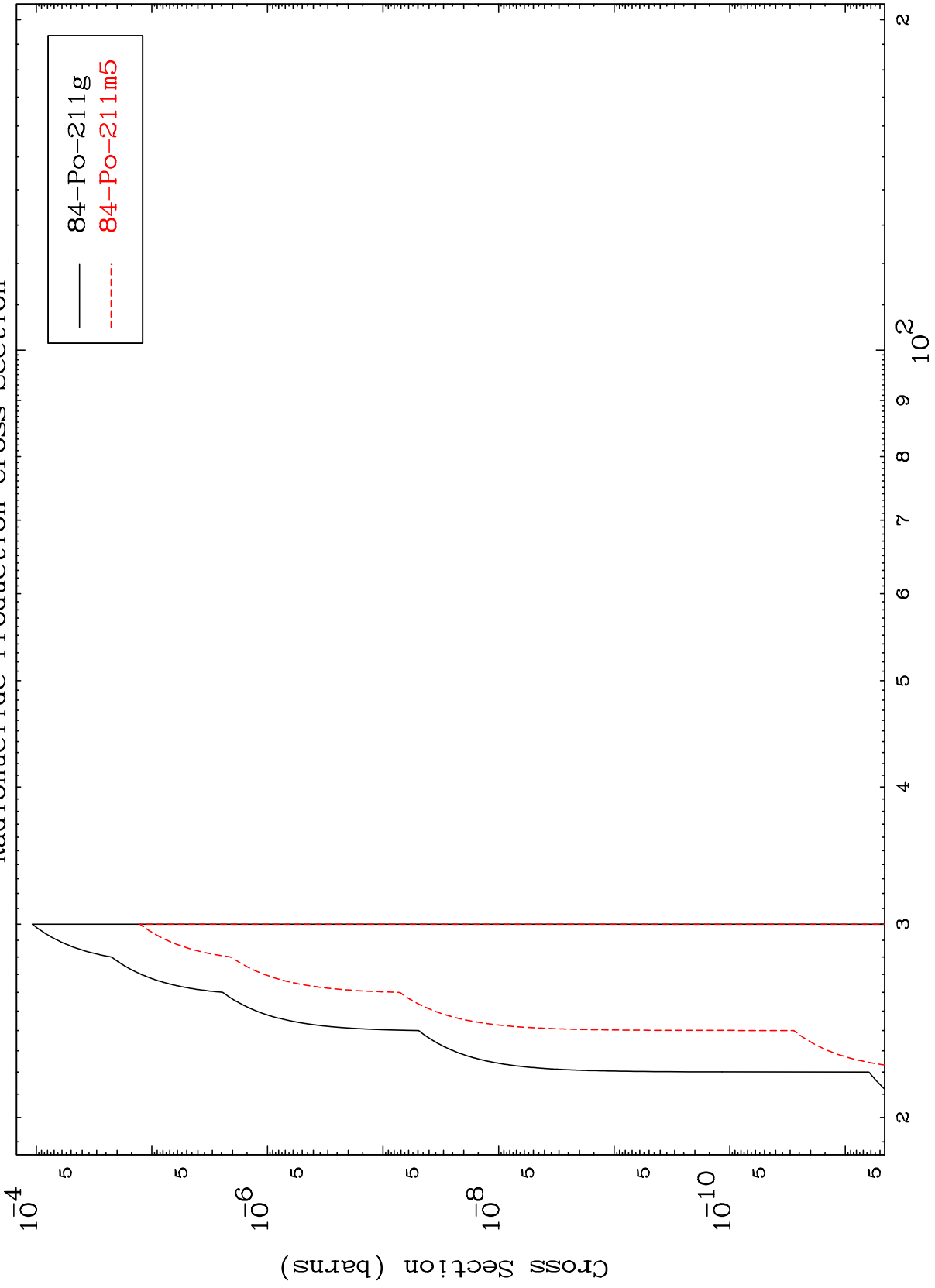
83-Bi-209

MAT 8325

(α, n') p

83-Bi-209

Radionuclide Production Cross Section



13

Incident Energy (MeV)

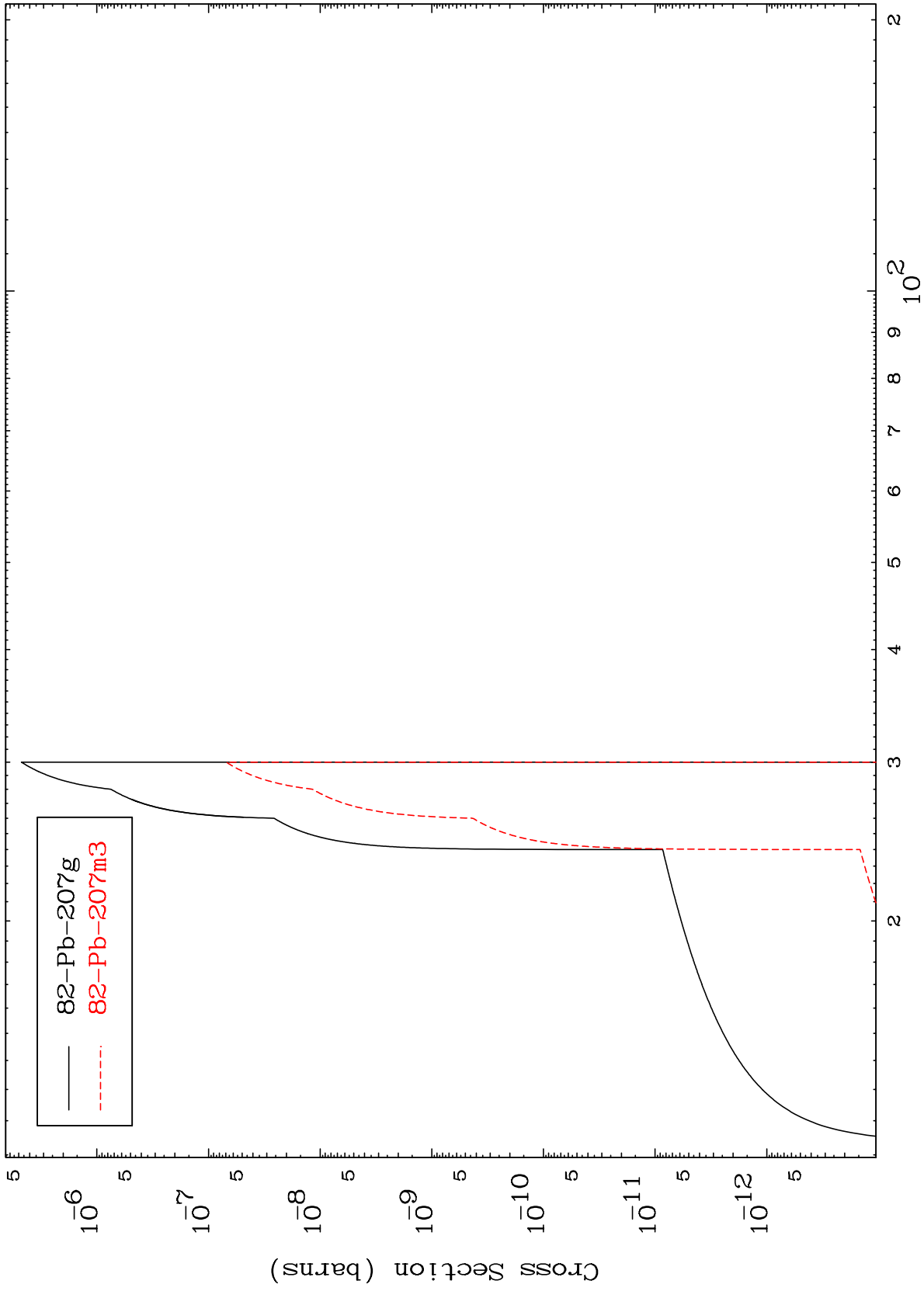
83-Bi-209

MAT 8325

(α, n') p α

83-Bi-209

Radionuclide Production Cross Section



14

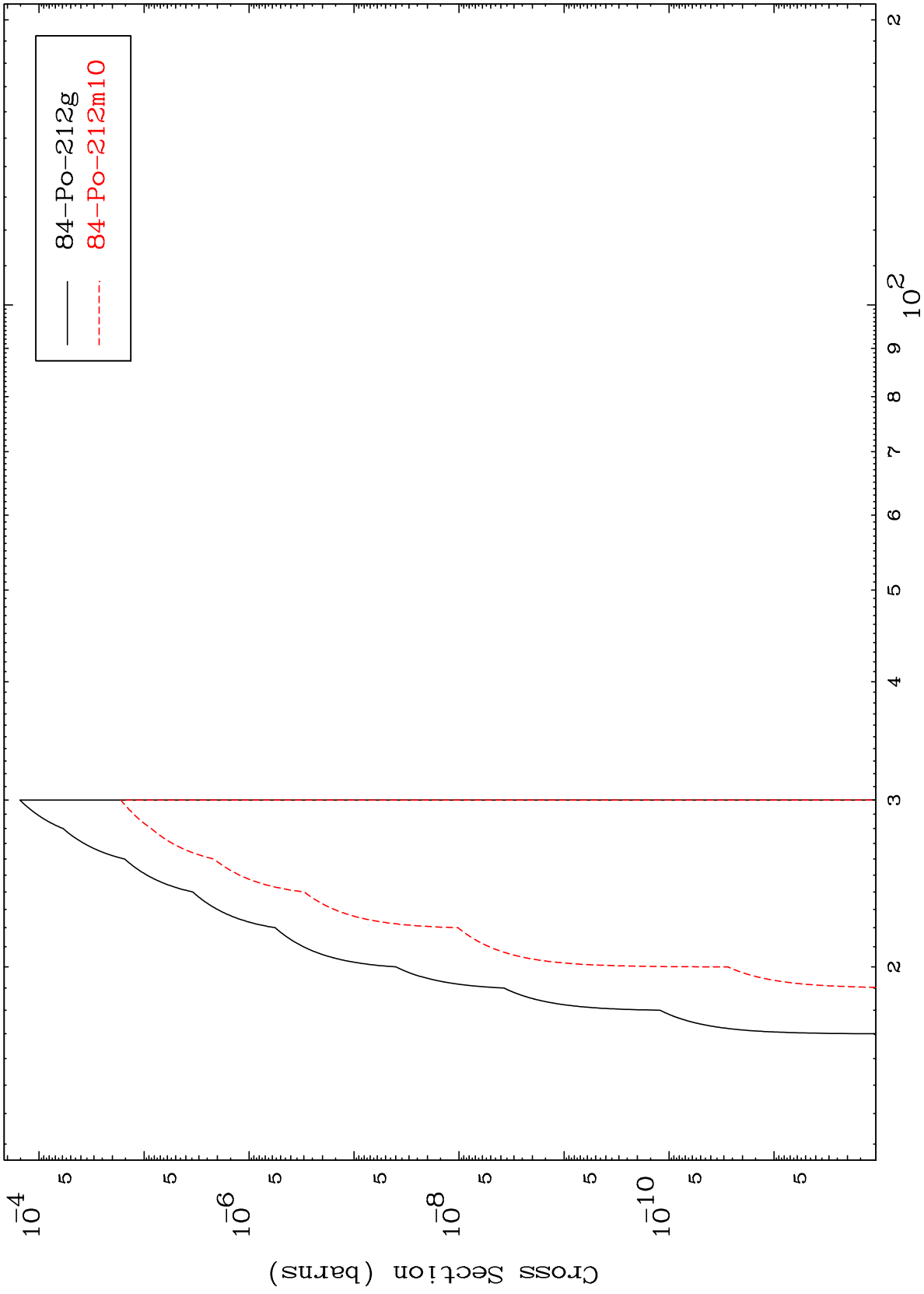
Incident Energy (MeV)

83-Bi-209

MAT 8325

83-Bi-209

(α, p)
Radionuclide Production Cross Section



15

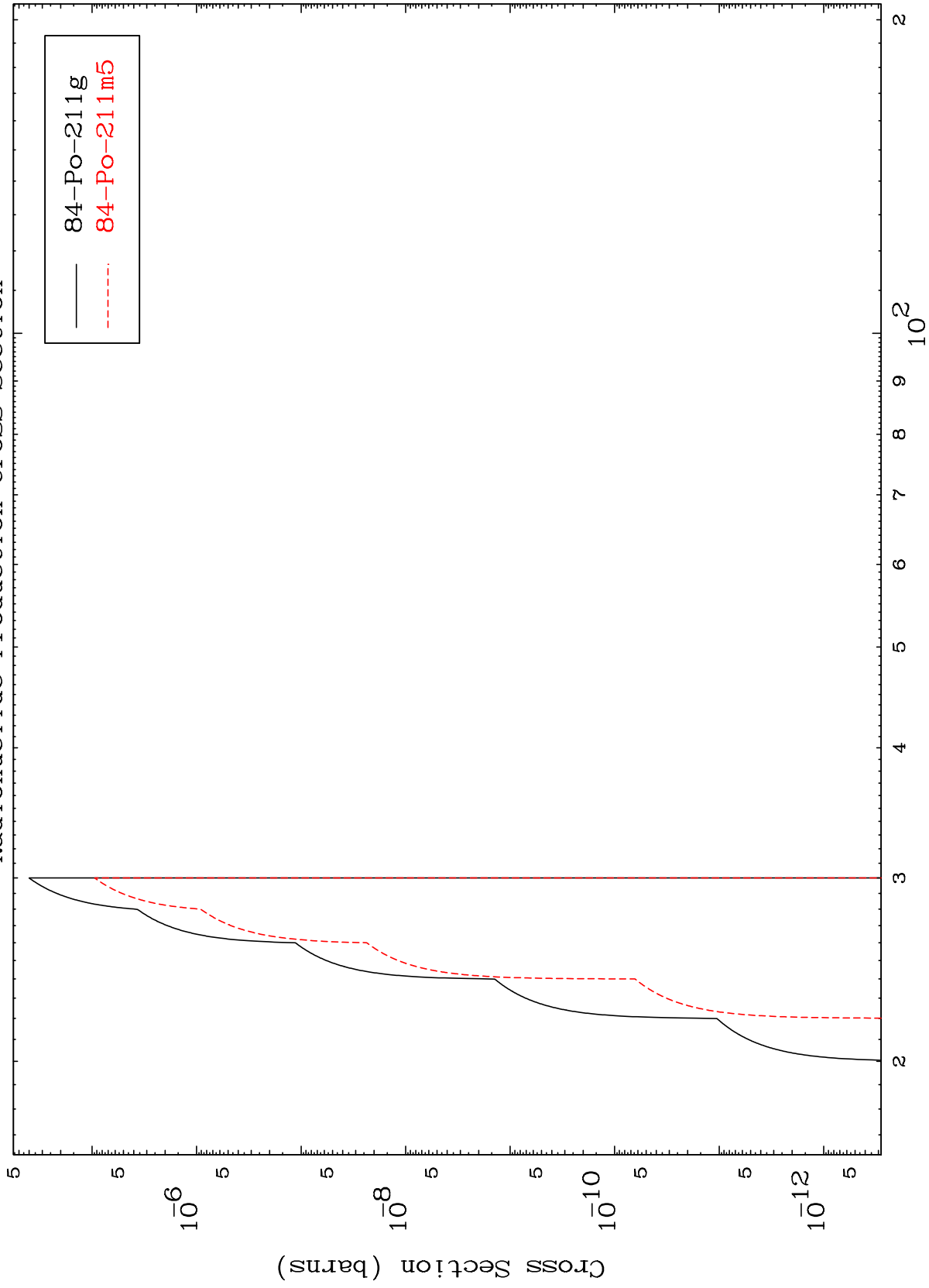
83-Bi-209

MAT 8325

(α, d)

83-Bi-209

Radionuclide Production Cross Section



16

Incident Energy (MeV)

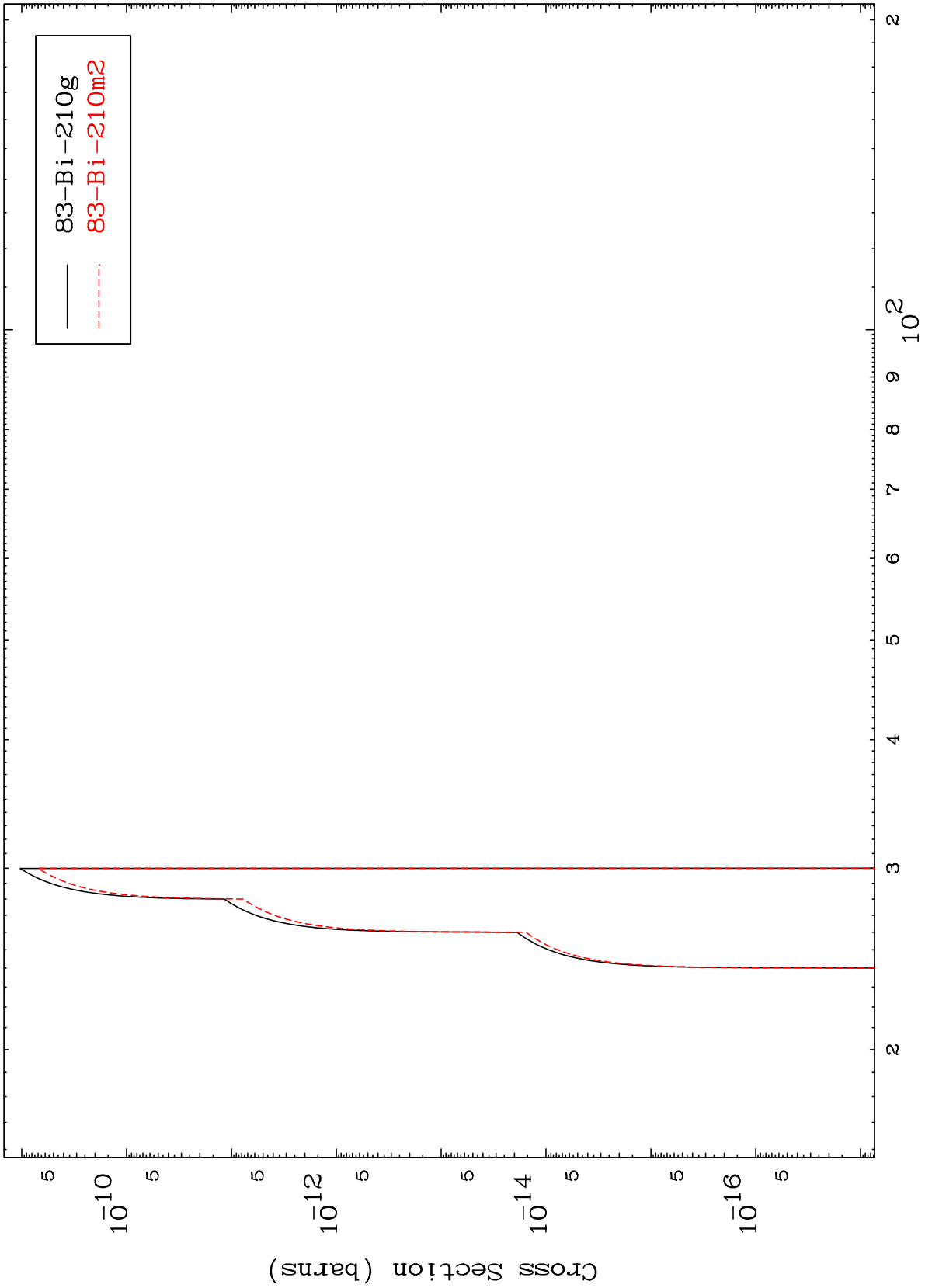
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MAT 8325

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

83-Bi-209

Radionuclide Production Cross Section



17

Incident Energy (MeV)

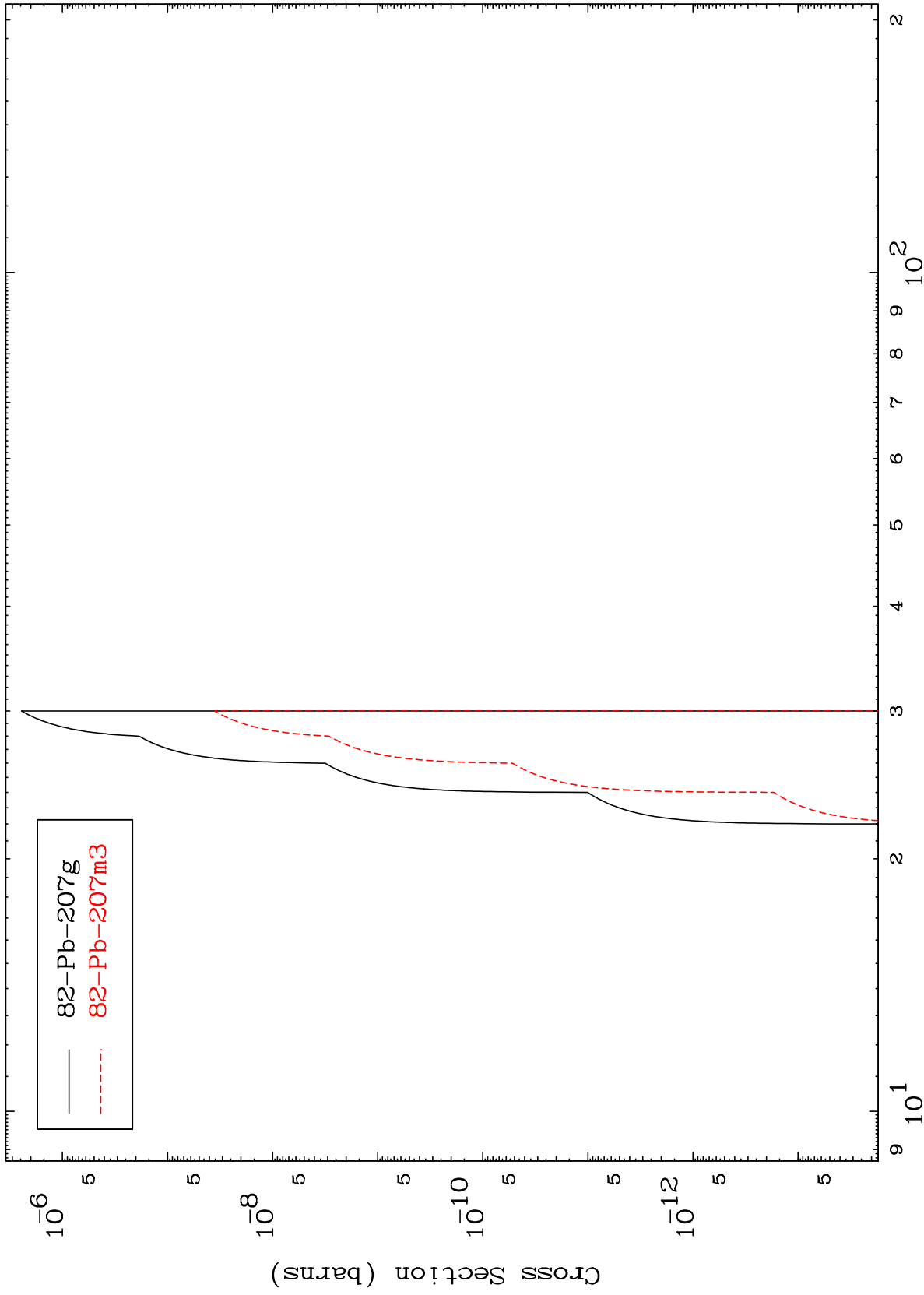
83-Bi-209

MAT 8325

(α, d) α

83-Bi-209

Radionuclide Production Cross Section



18

Incident Energy (MeV)

83-Bi-209