

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

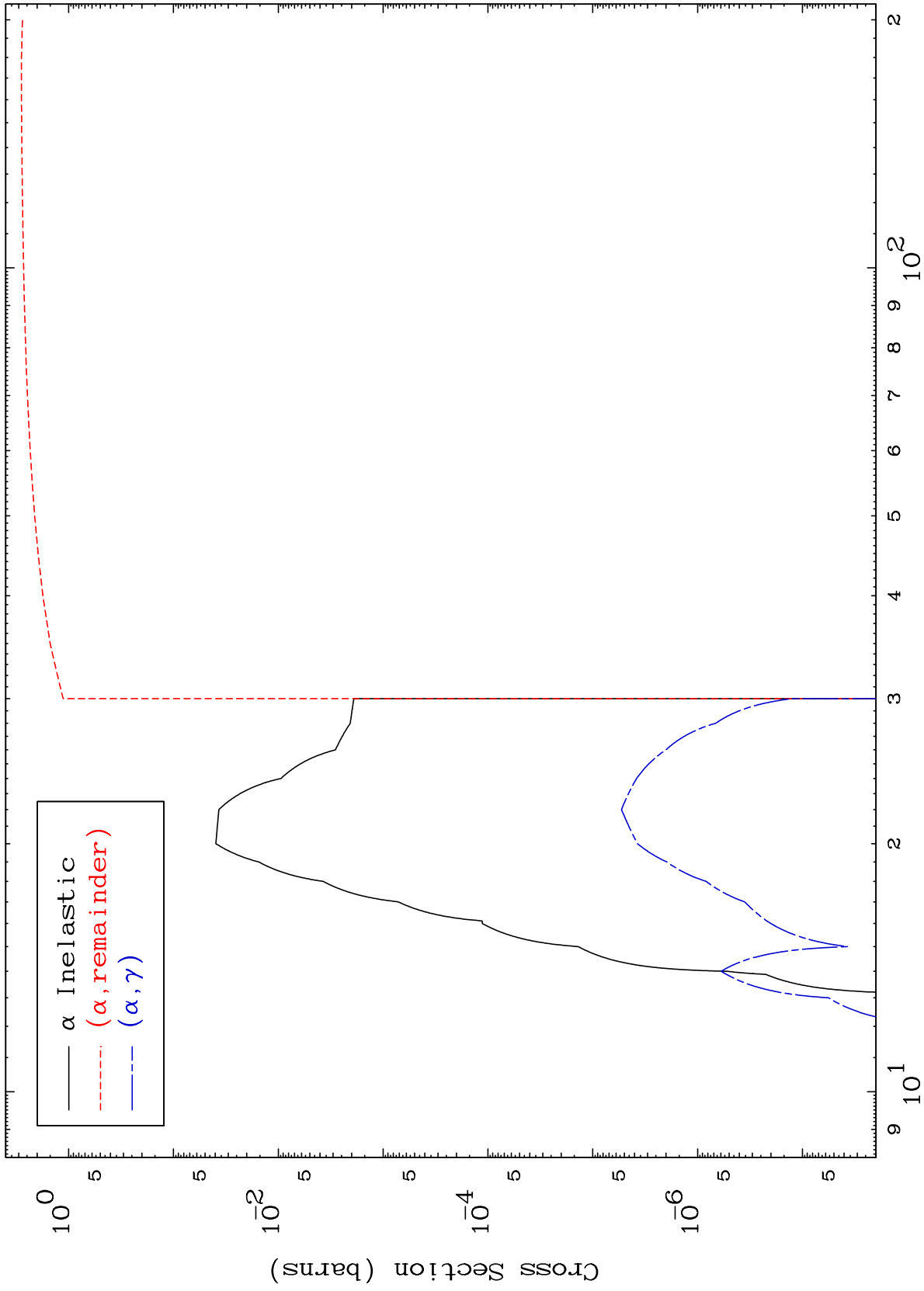
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8240

α Major
0 Kelvin Cross Sections

82-Pb-209



1

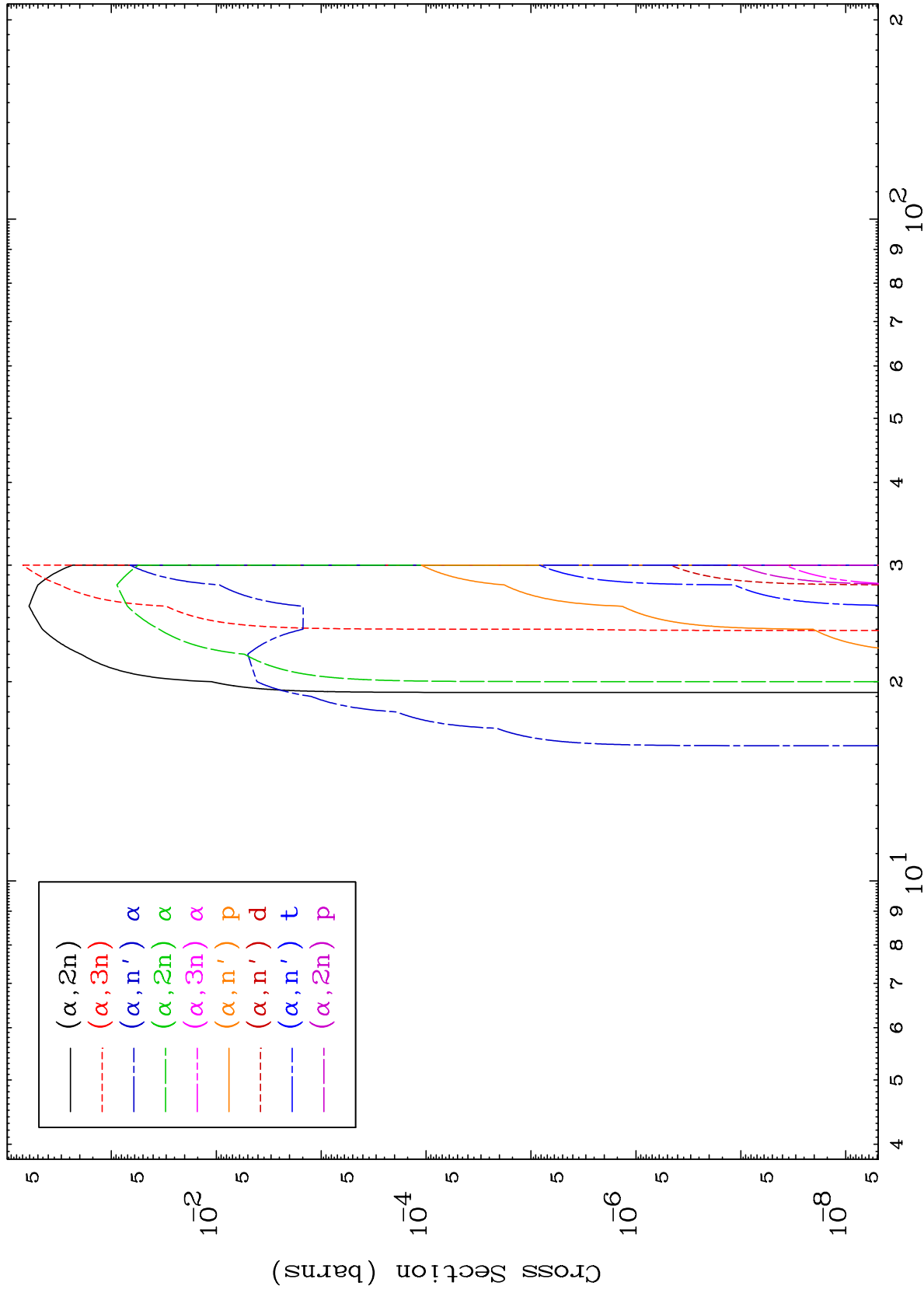
Incident Energy (MeV)

82-Pb-209

MAT 8240

α Neutron Production
0 Kelvin Cross Sections

82-Pb-209



2

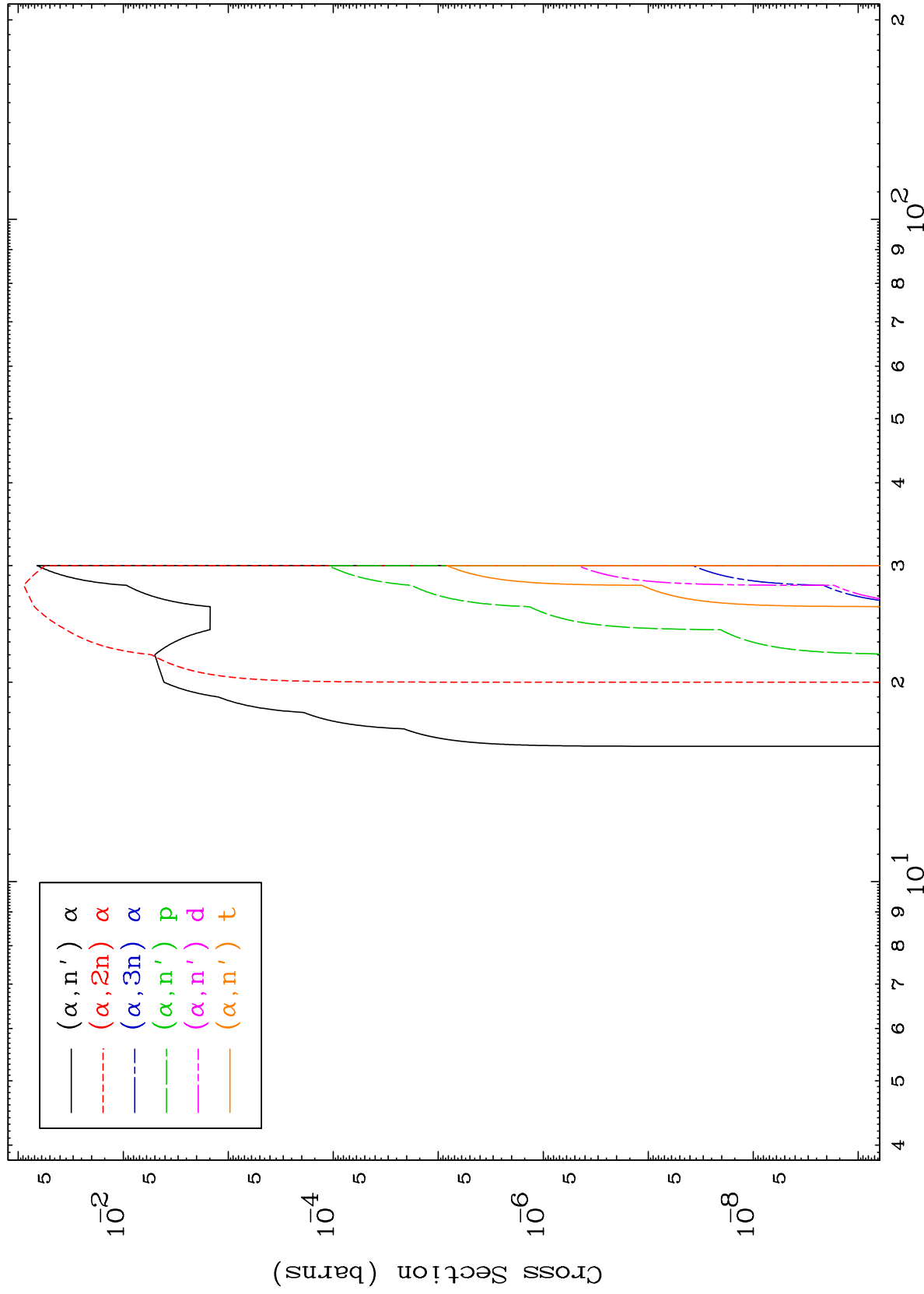
Incident Energy (MeV)

82-Pb-209

MAT 8240

α Charged Particle
0 Kelvin Cross Sections

82-Pb-209



3

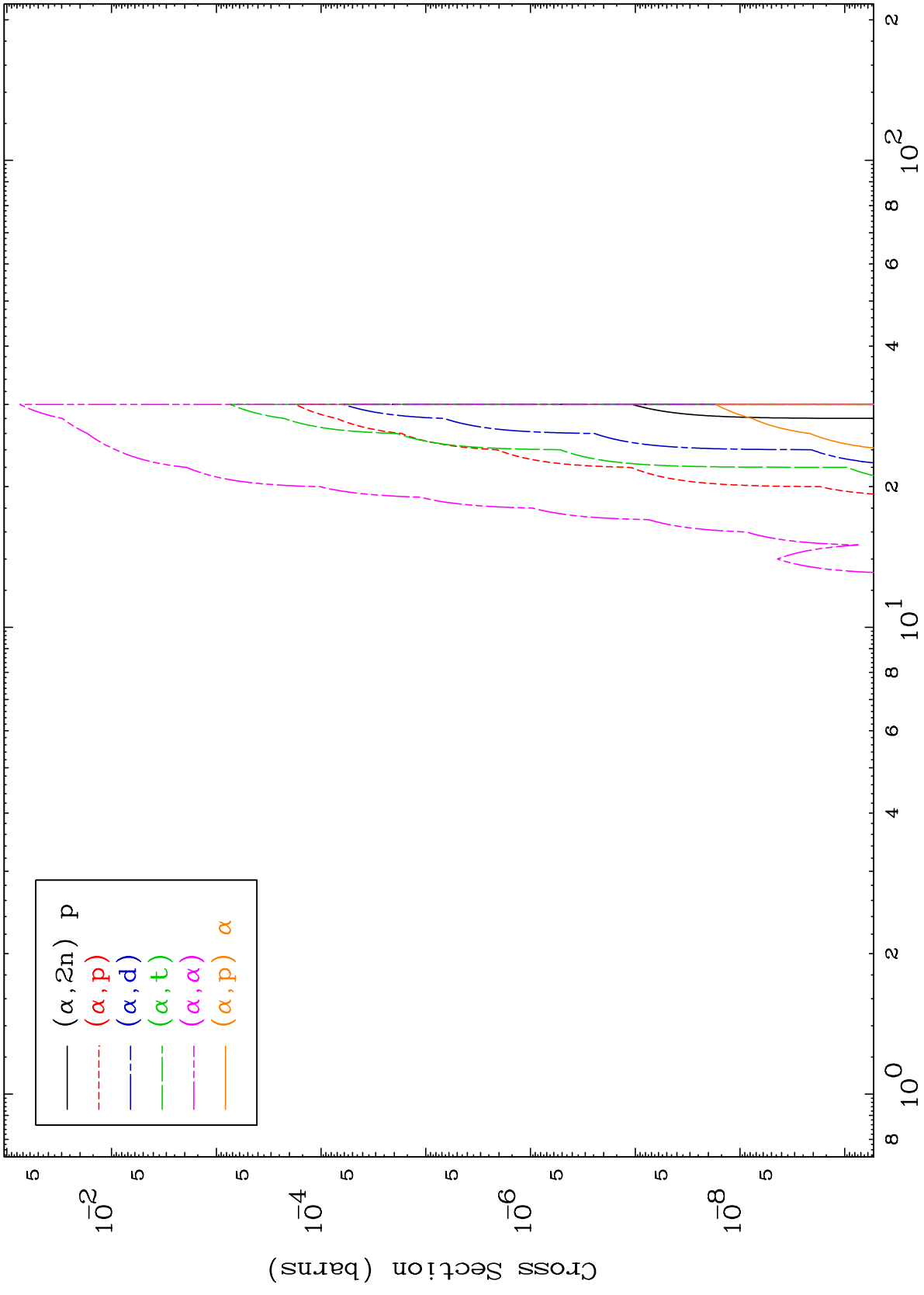
Incident Energy (MeV)

82-Pb-209

MAT 8240

α Charged Particle
0 Kelvin Cross Sections

82-Pb-209



4

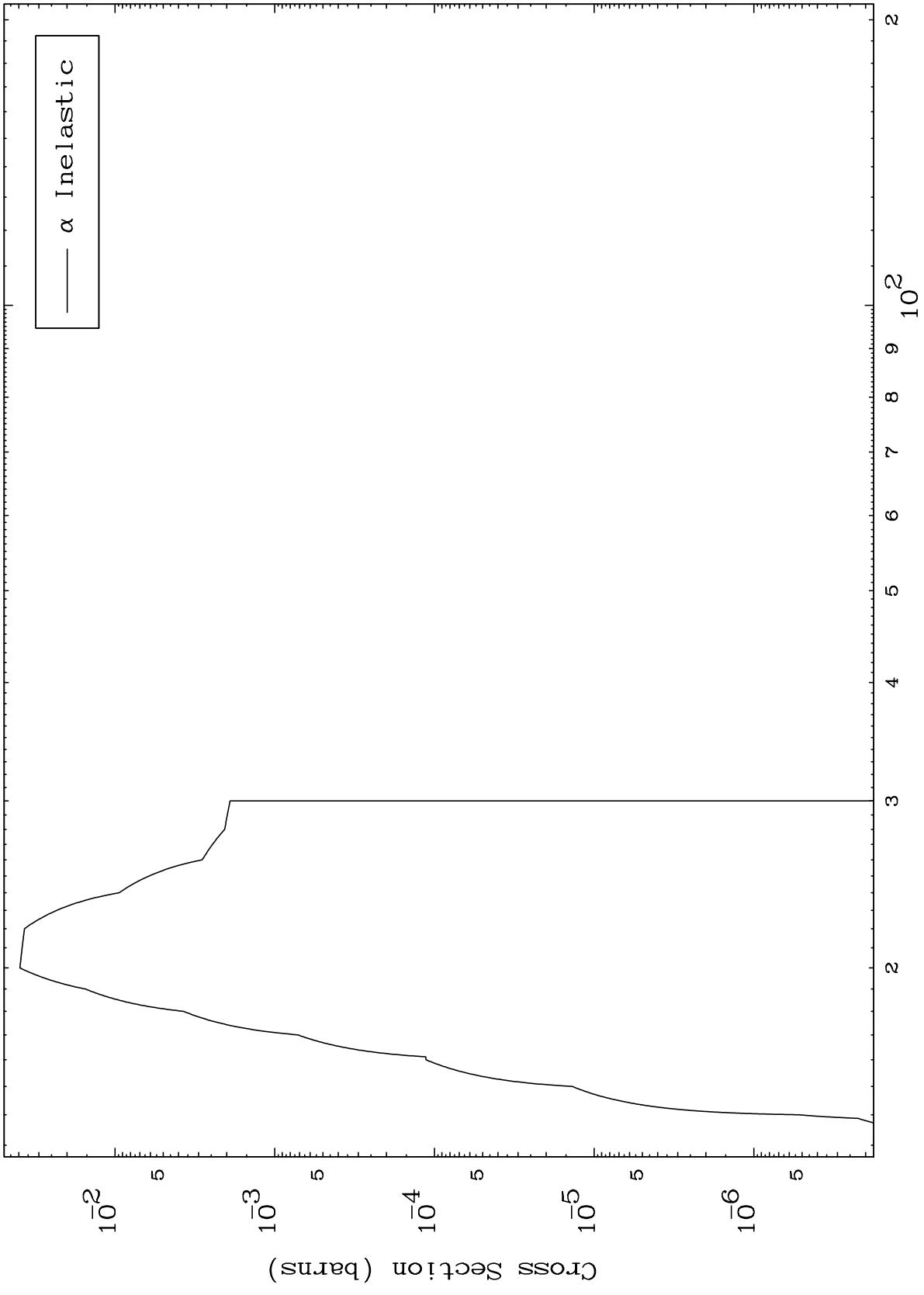
Incident Energy (MeV)

82-Pb-209

MAT 8240

(α, n') Level
0 Kelvin Cross Sections

82-Pb-209



5

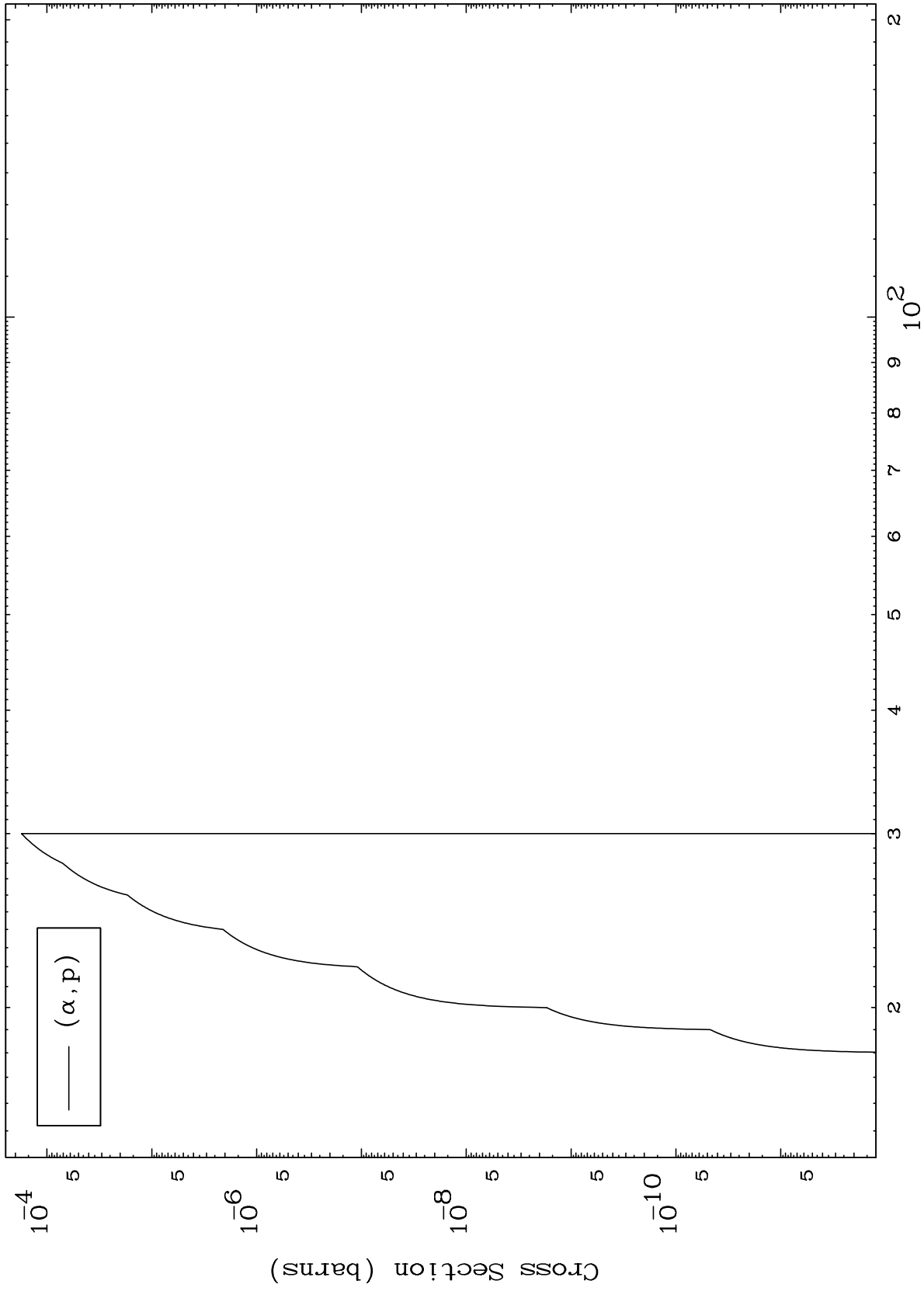
Incident Energy (MeV)

82-Pb-209

MAT 8240

(α, p) Levels
0 Kelvin Cross Sections

82-Pb-209



6

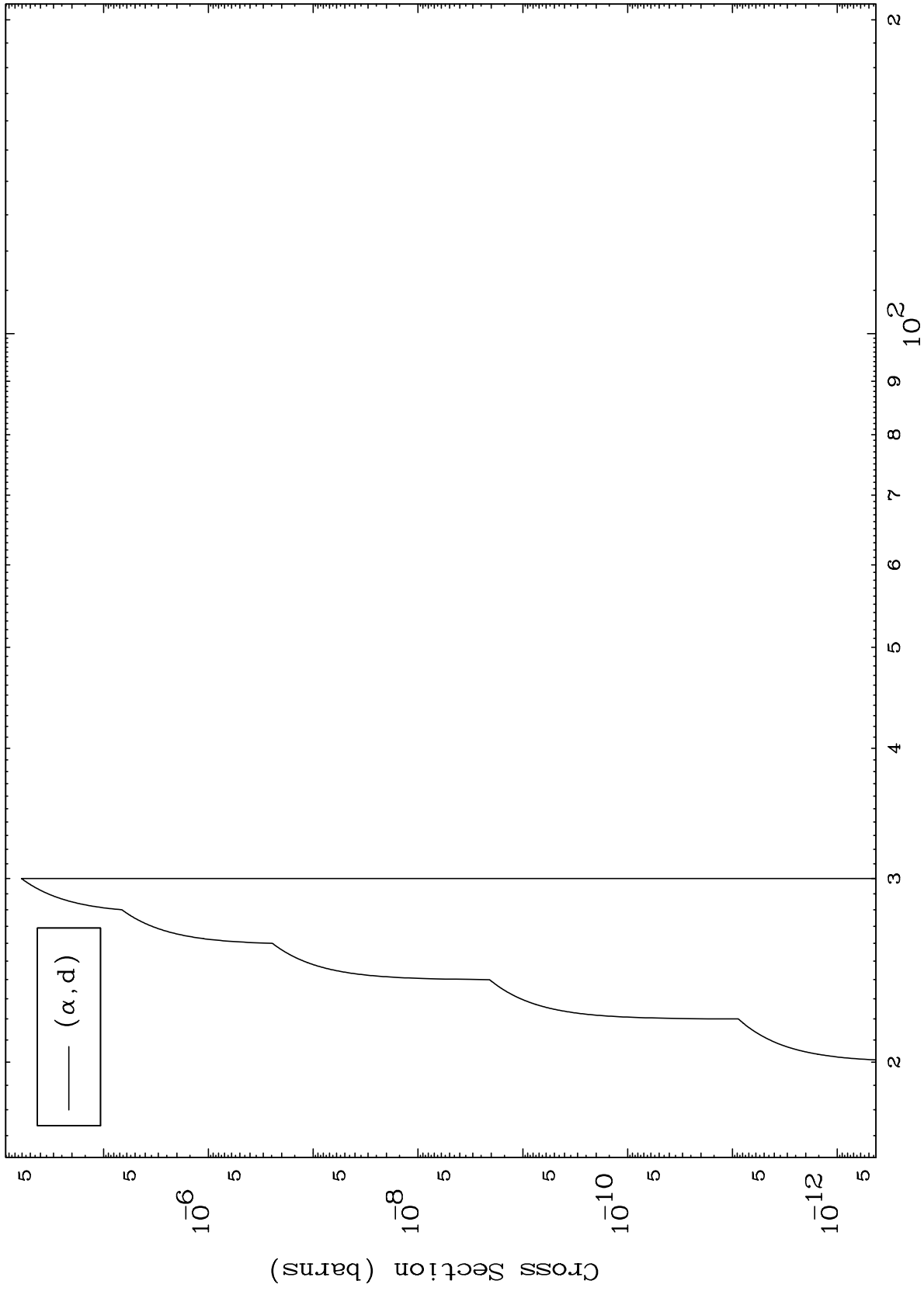
Incident Energy (MeV)

82-Pb-209

MAT 8240

(α, d) Levels
0 Kelvin Cross Sections

82-Pb-209



7

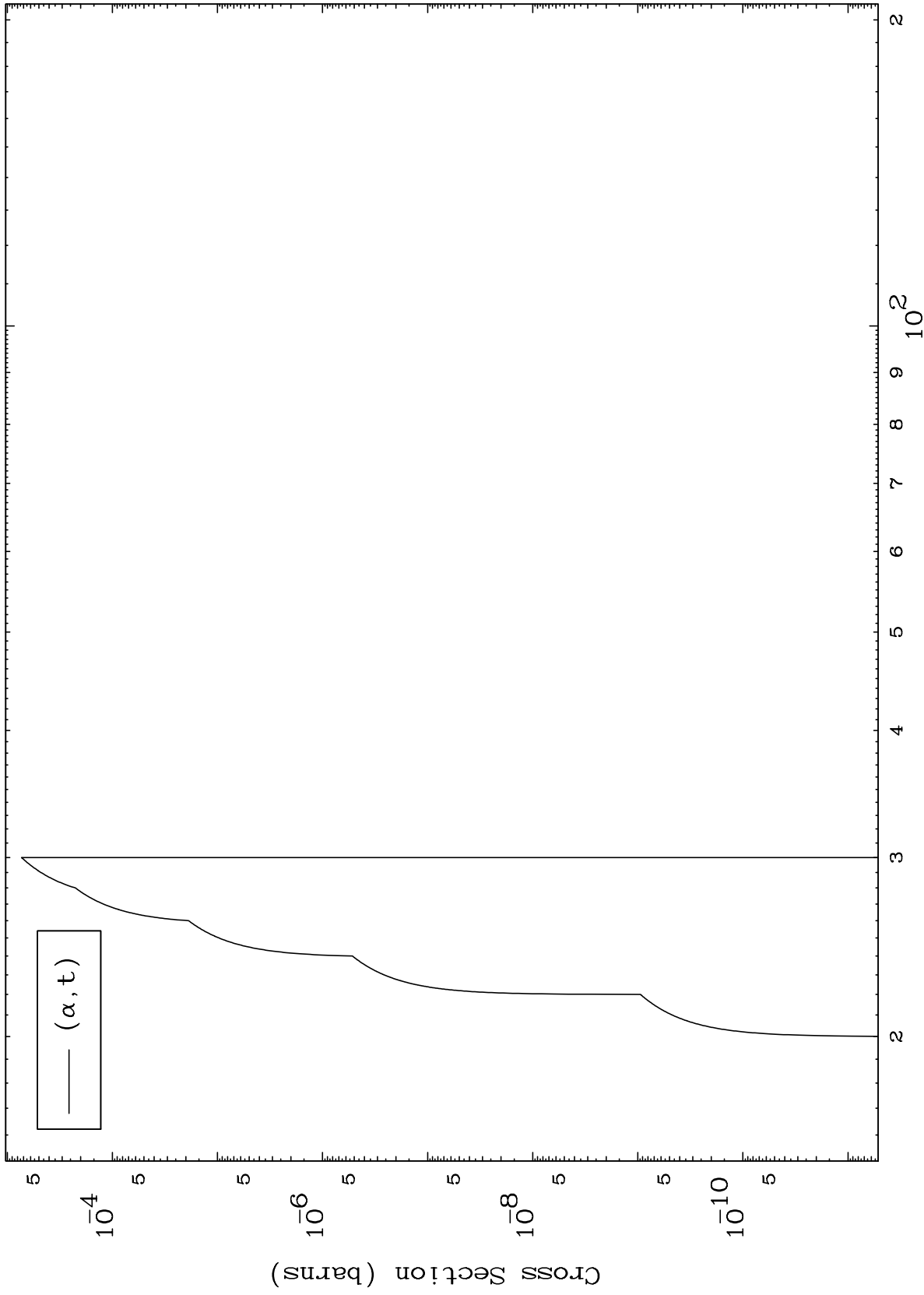
Incident Energy (MeV)

82-Pb-209

MAT 8240

(α, t) Levels
0 Kelvin Cross Sections

82-Pb-209



8

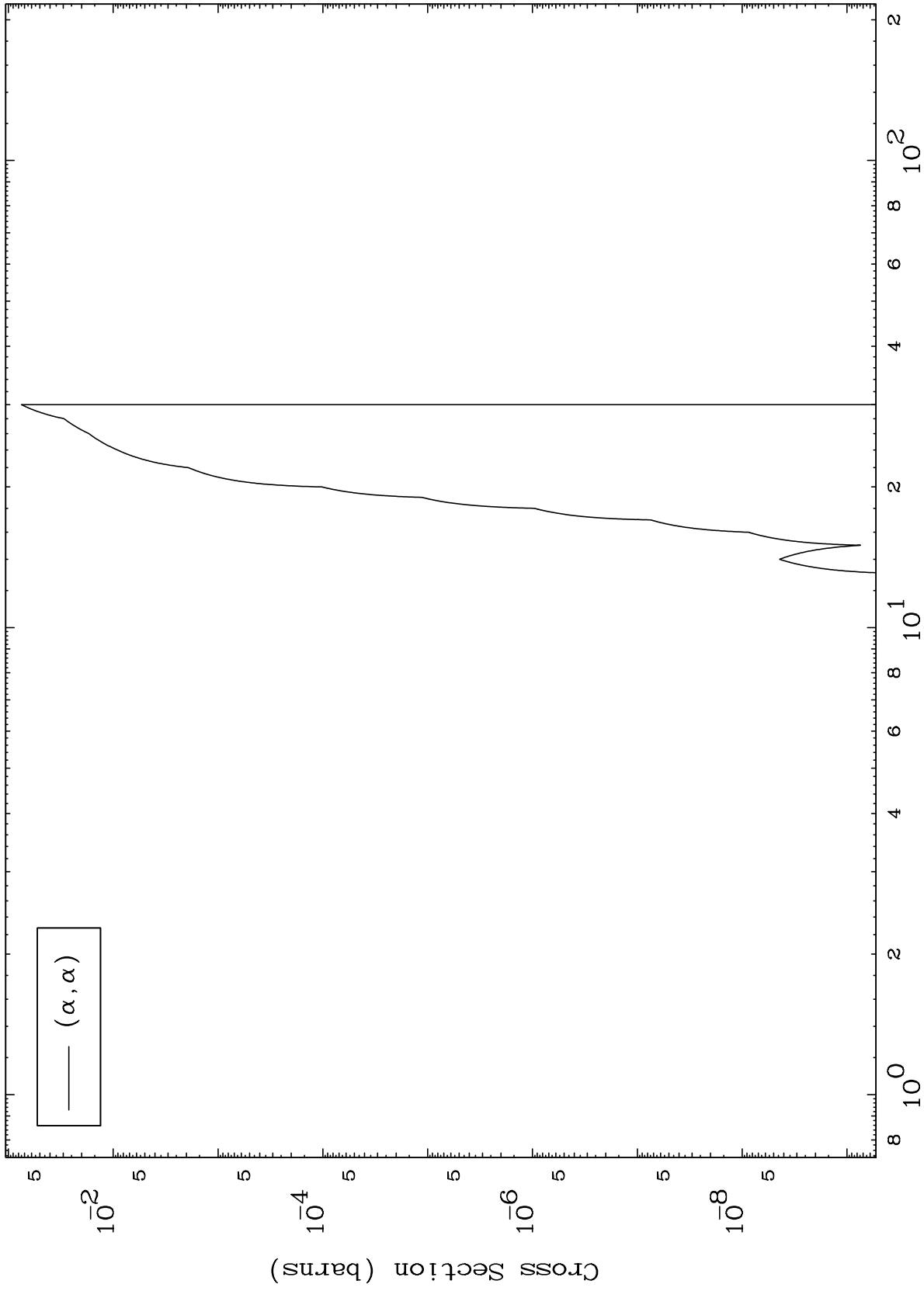
Incident Energy (MeV)

82-Pb-209

MAT 8240

(α, α) Levels
0 Kelvin Cross Sections

82-Pb-209



9

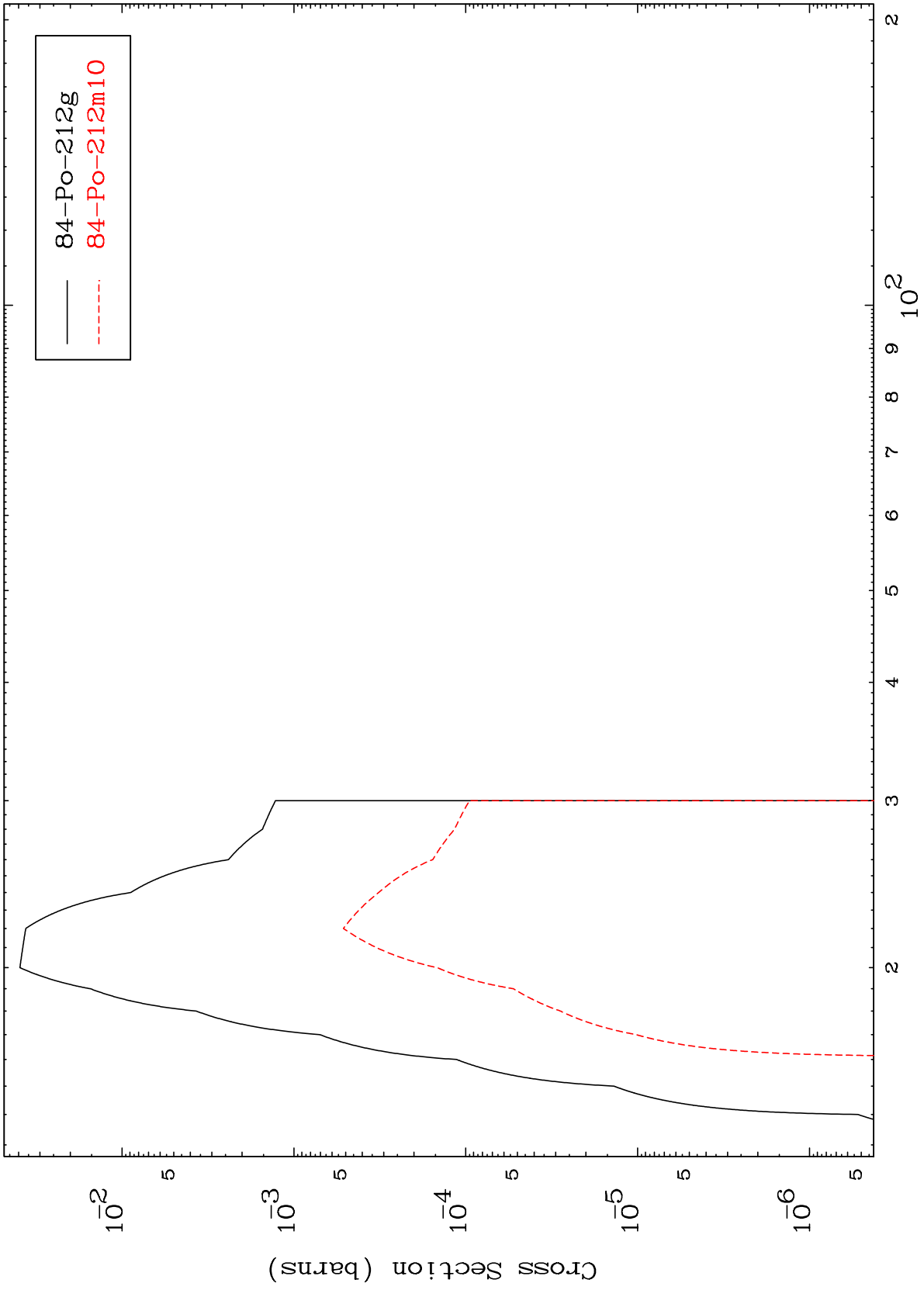
Incident Energy (MeV)

82-Pb-209

MAT 8240

Radionuclide Production Cross Section

82-Pb-209



10

Incident Energy (MeV)

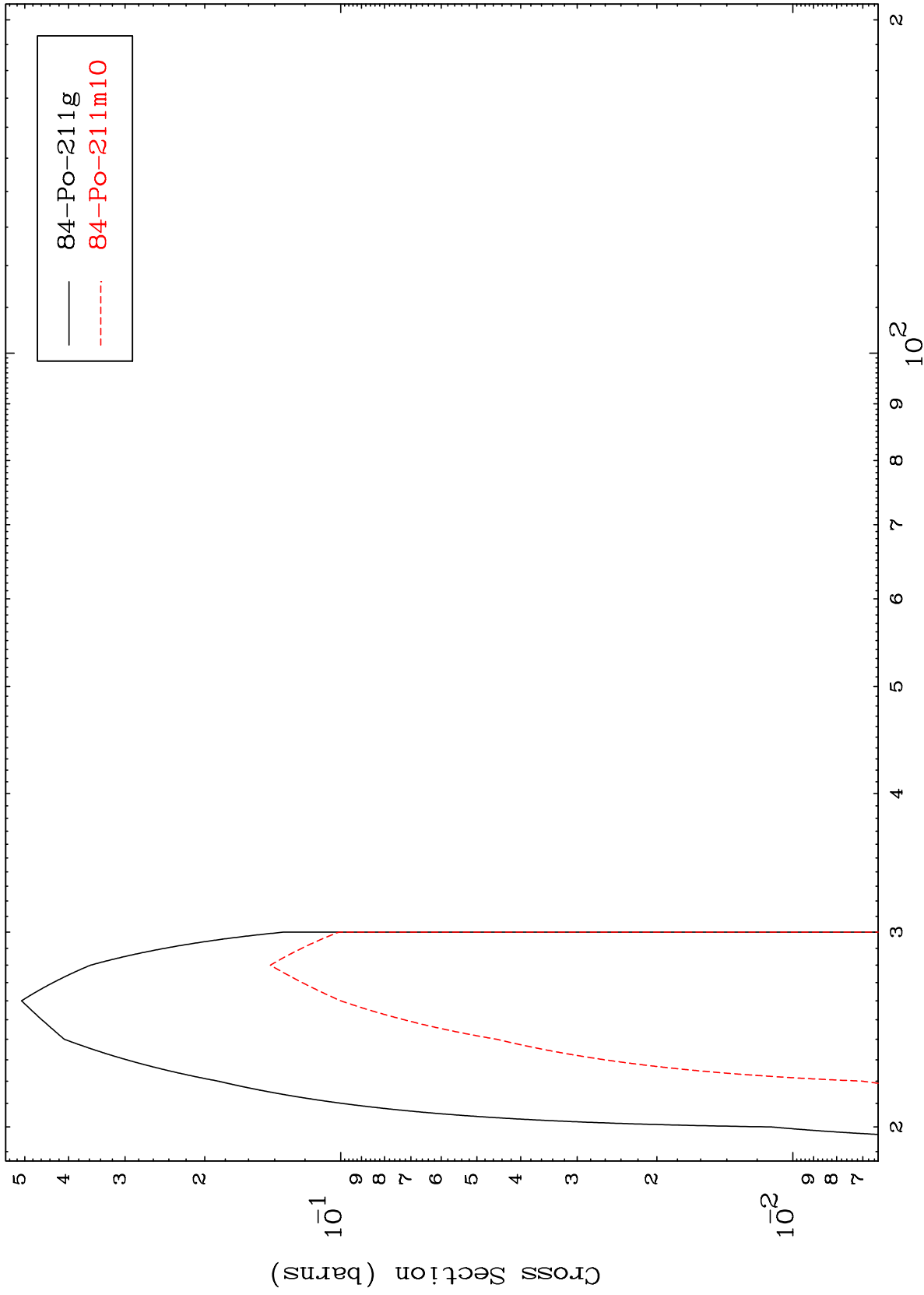
82-Pb-209

MAT 8240

($\alpha, 2n$)

82-Pb-209

Radionuclide Production Cross Section



11

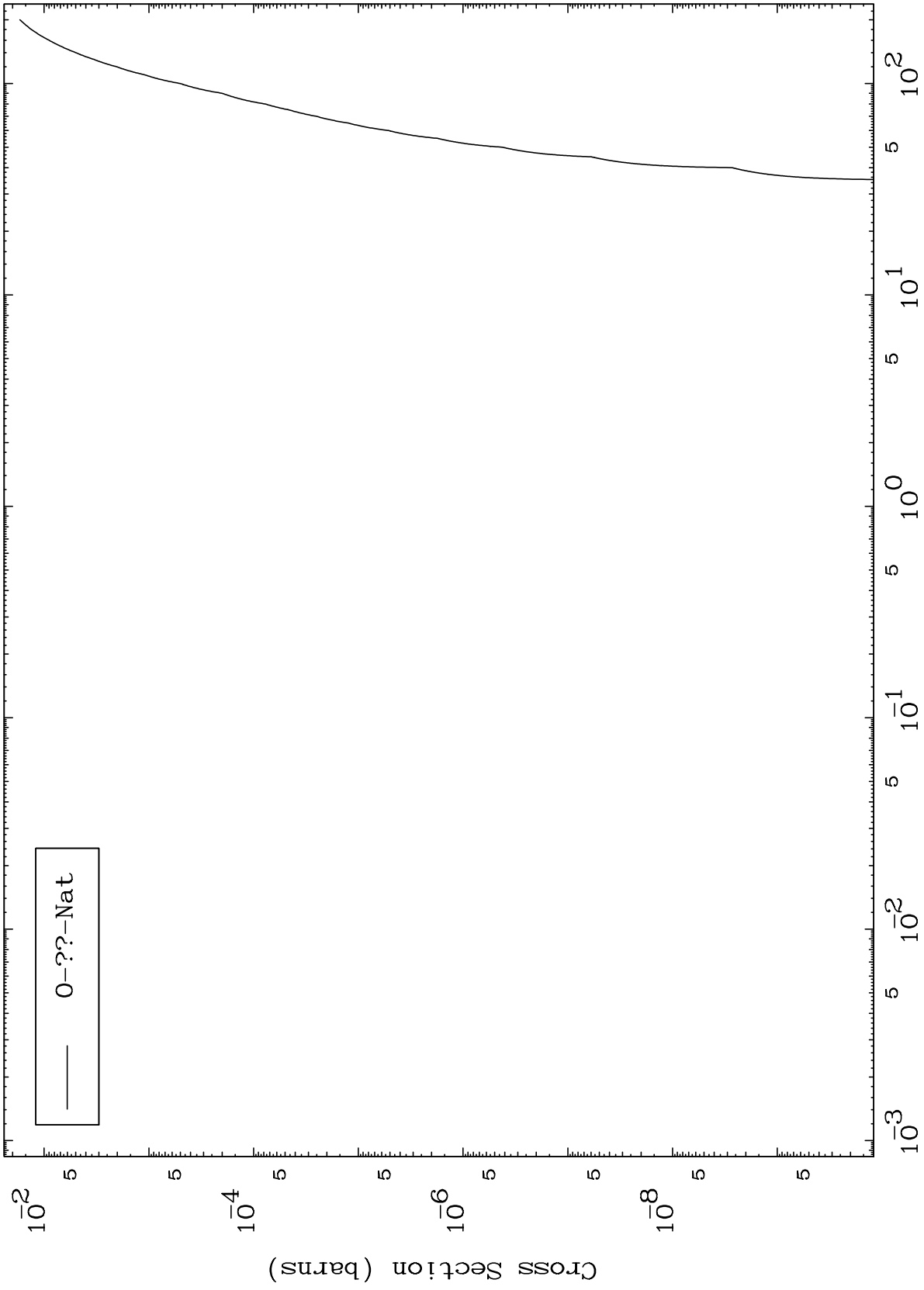
Incident Energy (MeV)

82-Pb-209

MAT 8240

α Fission
Radionuclide Production Cross Section

82-Pb-209



12

Incident Energy (MeV)

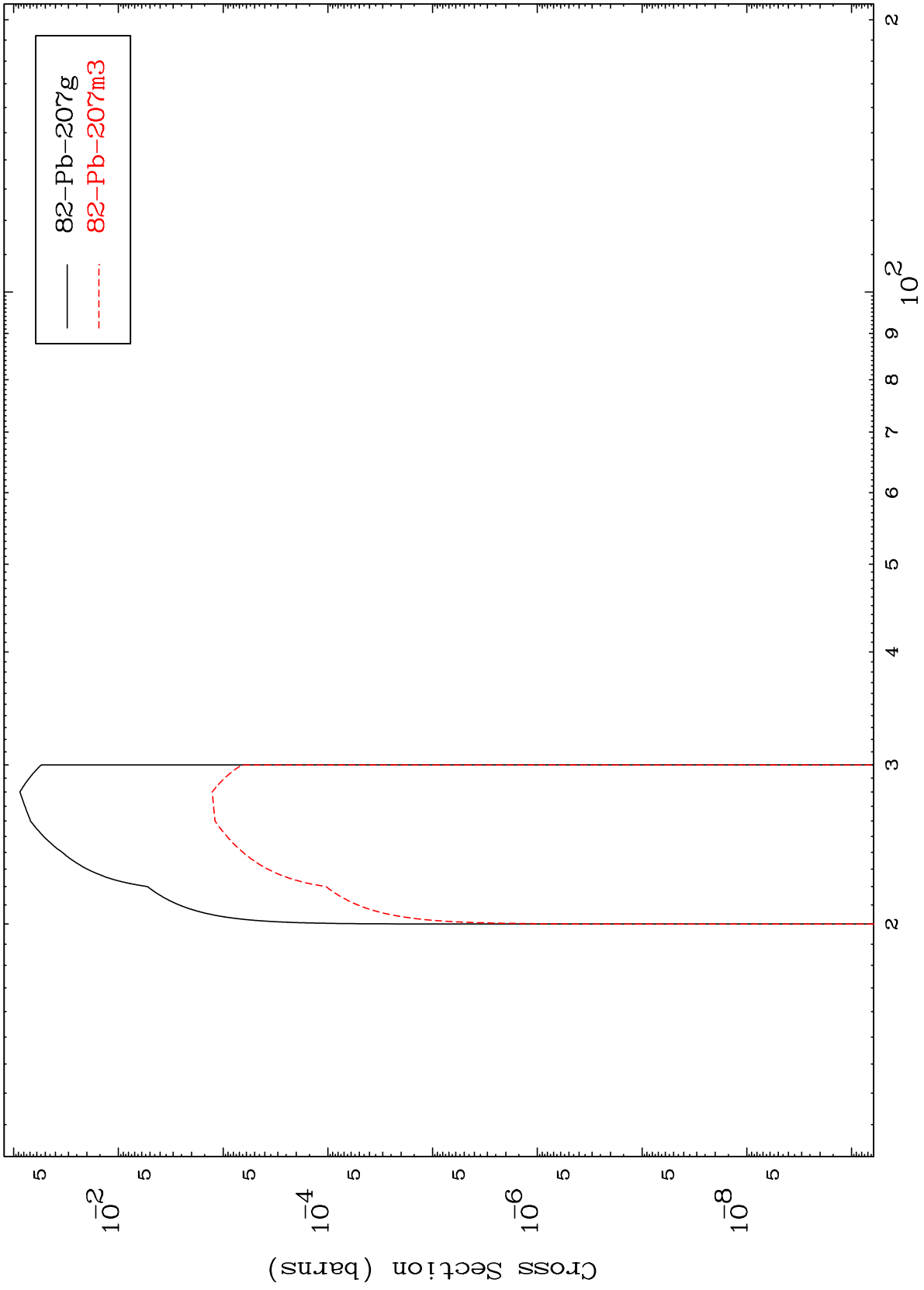
82-Pb-209

MAT 8240

$(\alpha, 2n) \alpha$

82-Pb-209

Radionuclide Production Cross Section



13

Incident Energy (MeV)

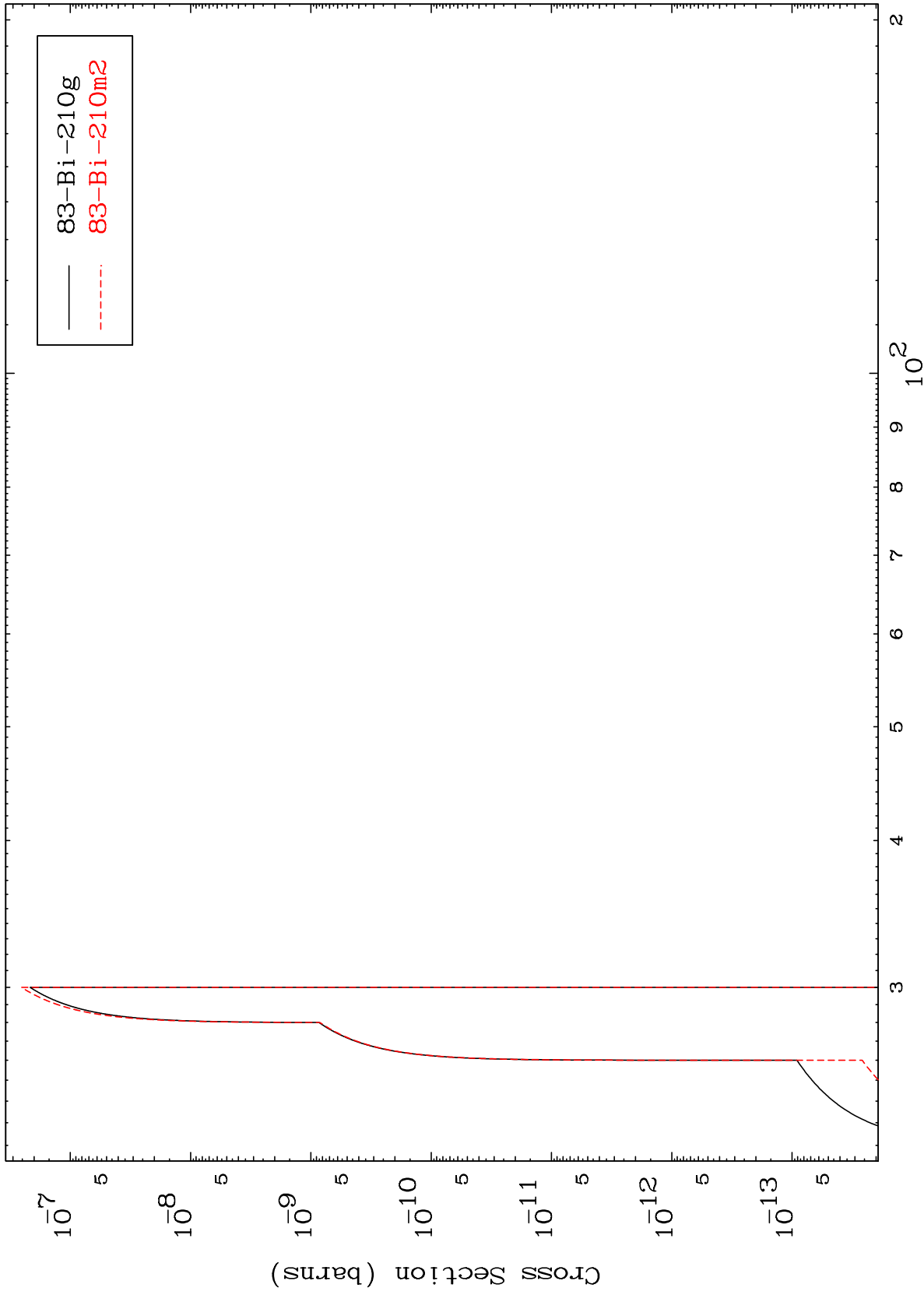
82-Pb-209

MAT 8240

(α, n') d

82-Pb-209

Radionuclide Production Cross Section



14

Incident Energy (MeV)

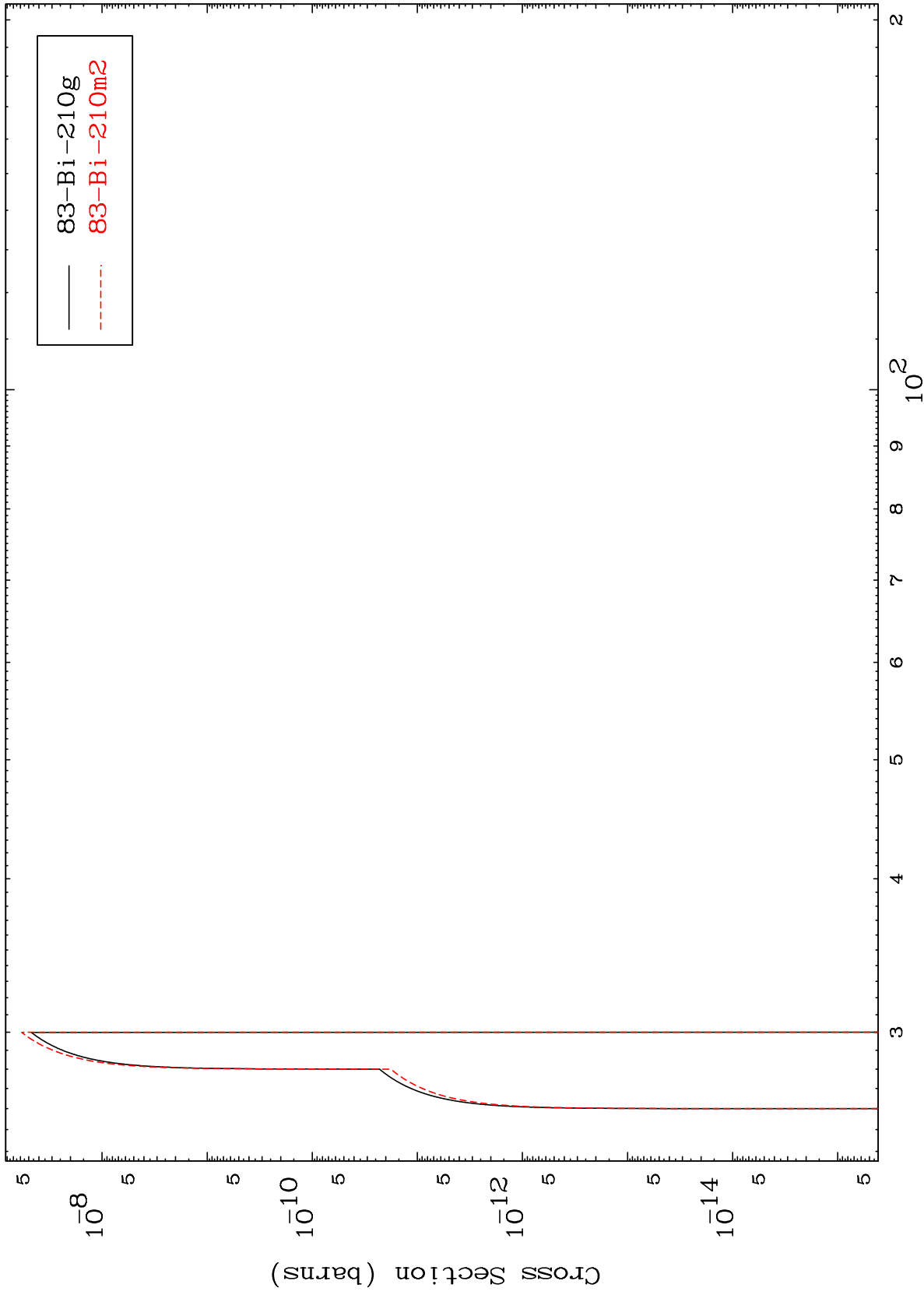
82-Pb-209

MAT 8240

($\alpha, 2n$) p

82-Pb-209

Radionuclide Production Cross Section



15

Incident Energy (MeV)

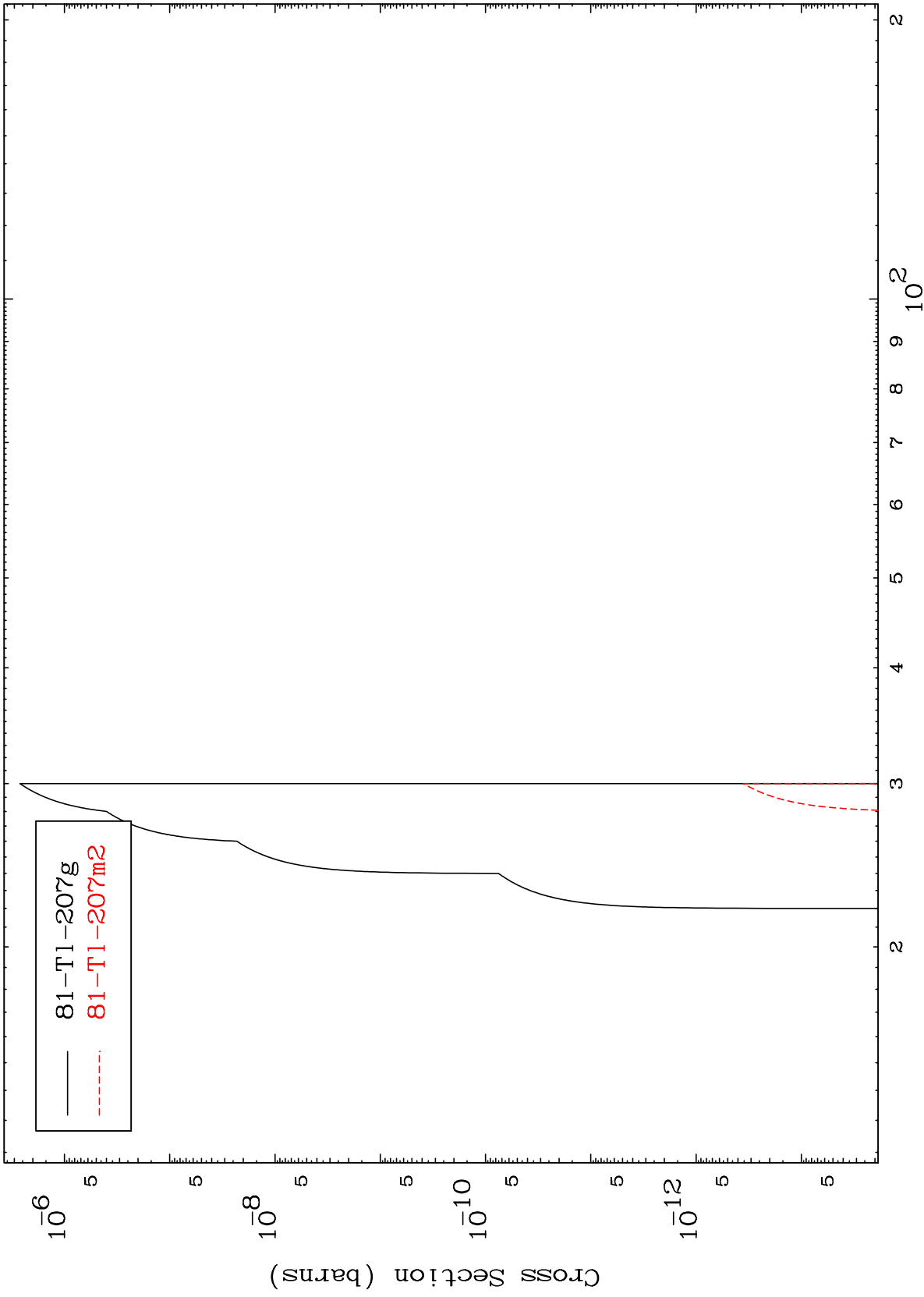
82-Pb-209

MAT 8240

(α, n') p α

82-Pb-209

Radionuclide Production Cross Section



16

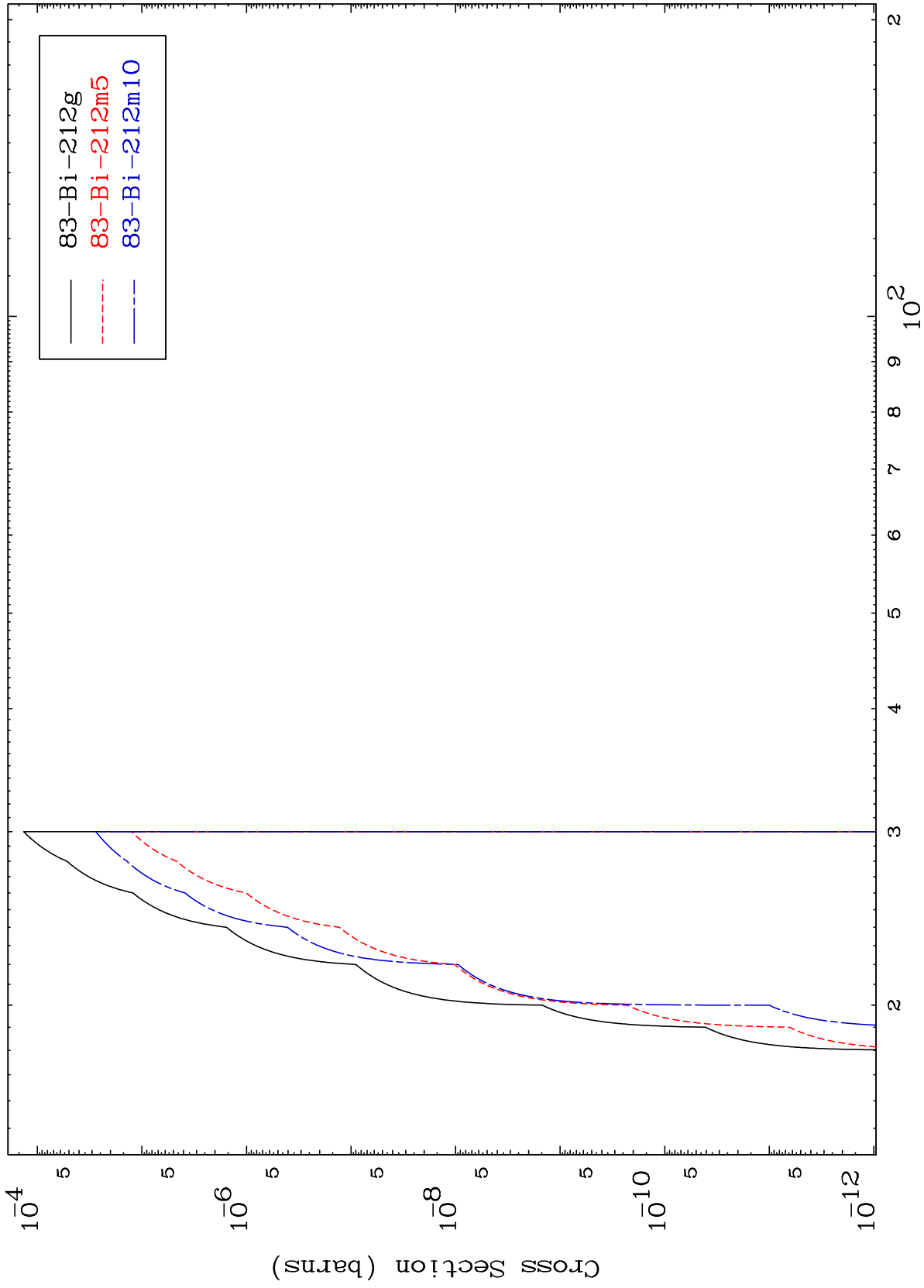
Incident Energy (MeV)

82-Pb-209

MAT 8240

82-Pb-209

(α, p)
Radionuclide Production Cross Section



17

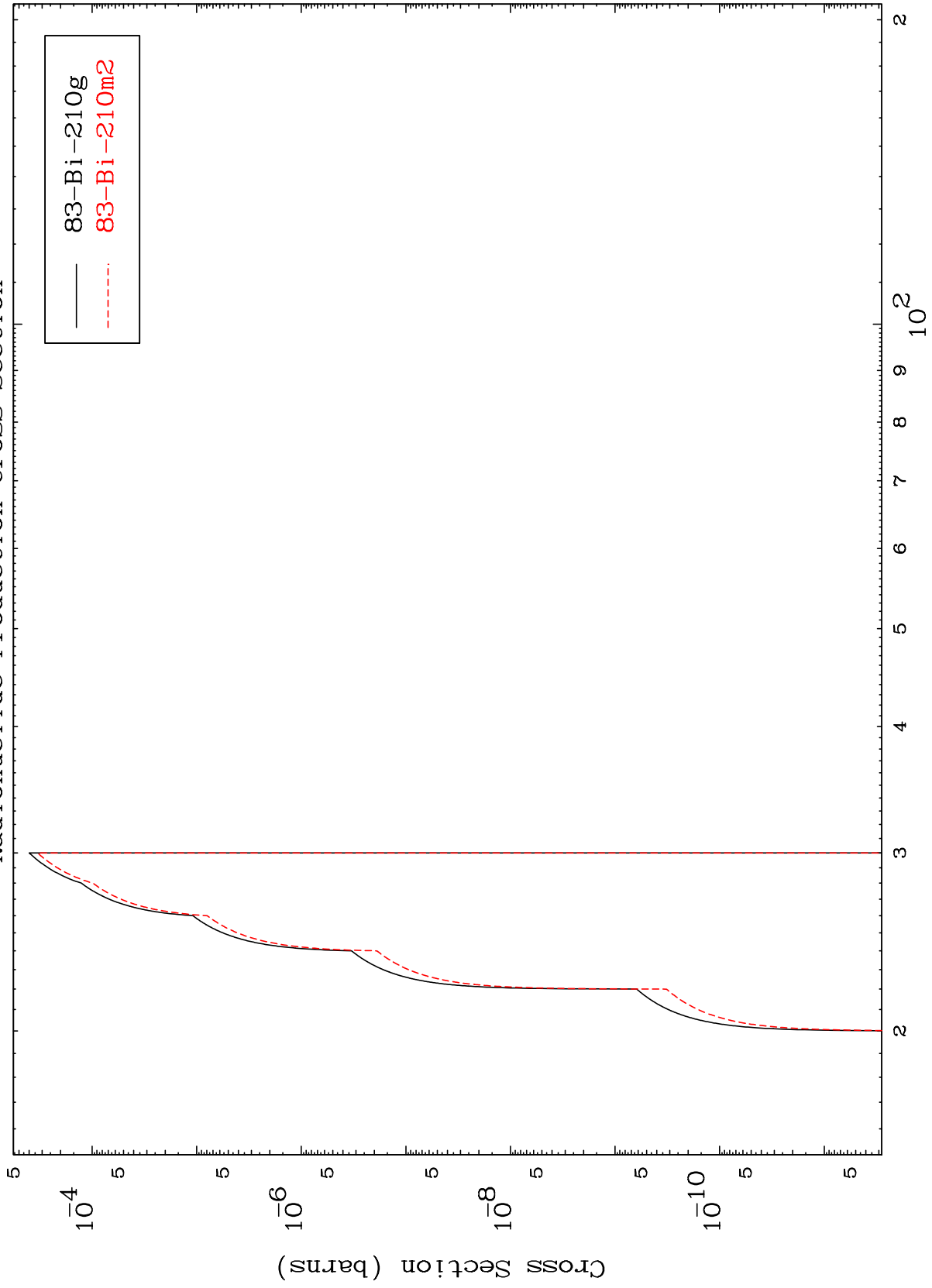
Incident Energy (MeV)

82-Pb-209

MAT 8240

82-Pb-209

(α, t)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

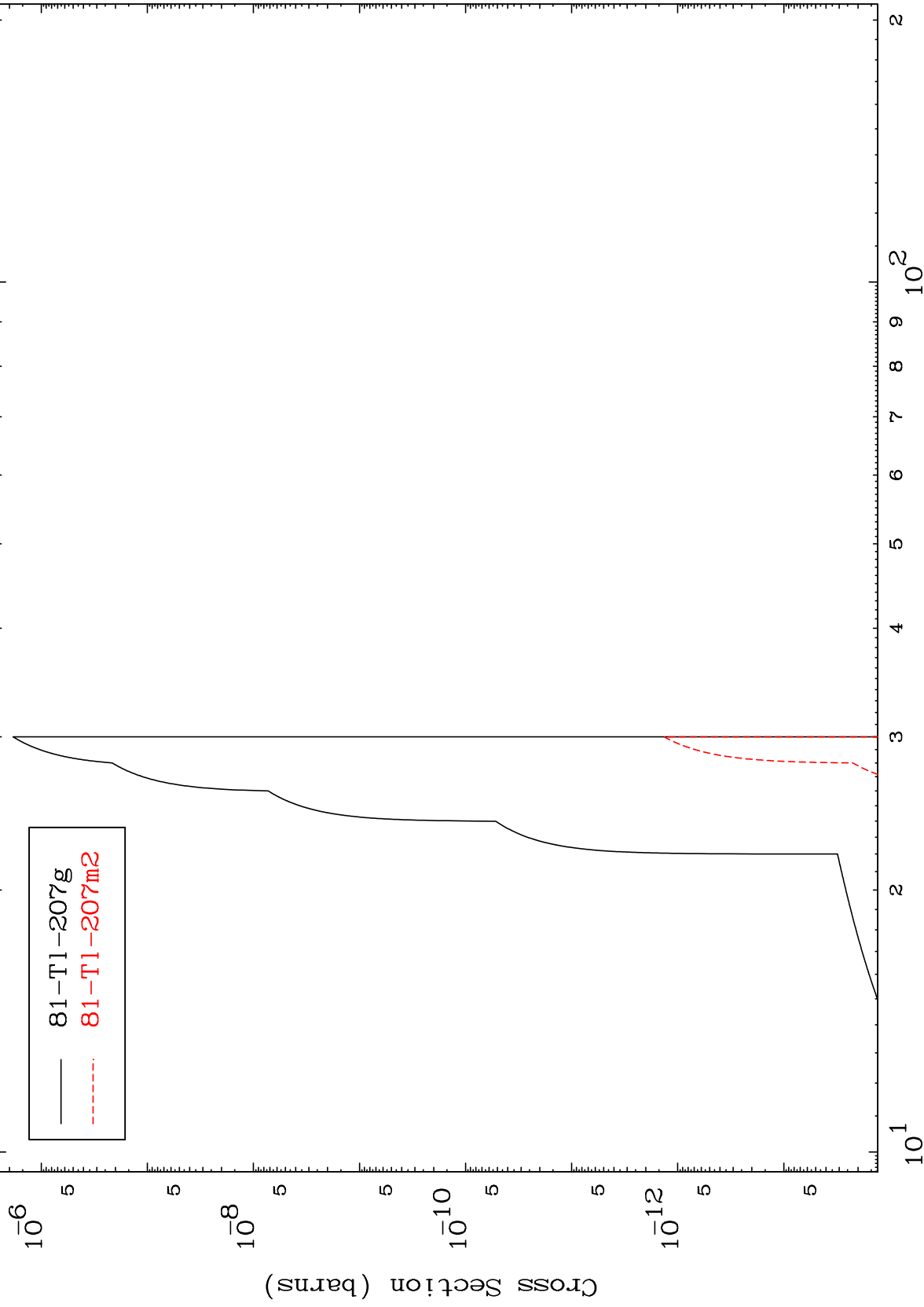
82-Pb-209

MAT 8240

(α, d) α

82-Pb-209

Radionuclide Production Cross Section



19

Incident Energy (MeV)

82-Pb-209