

Program EVALPLOT
(Version 2018-1)

by

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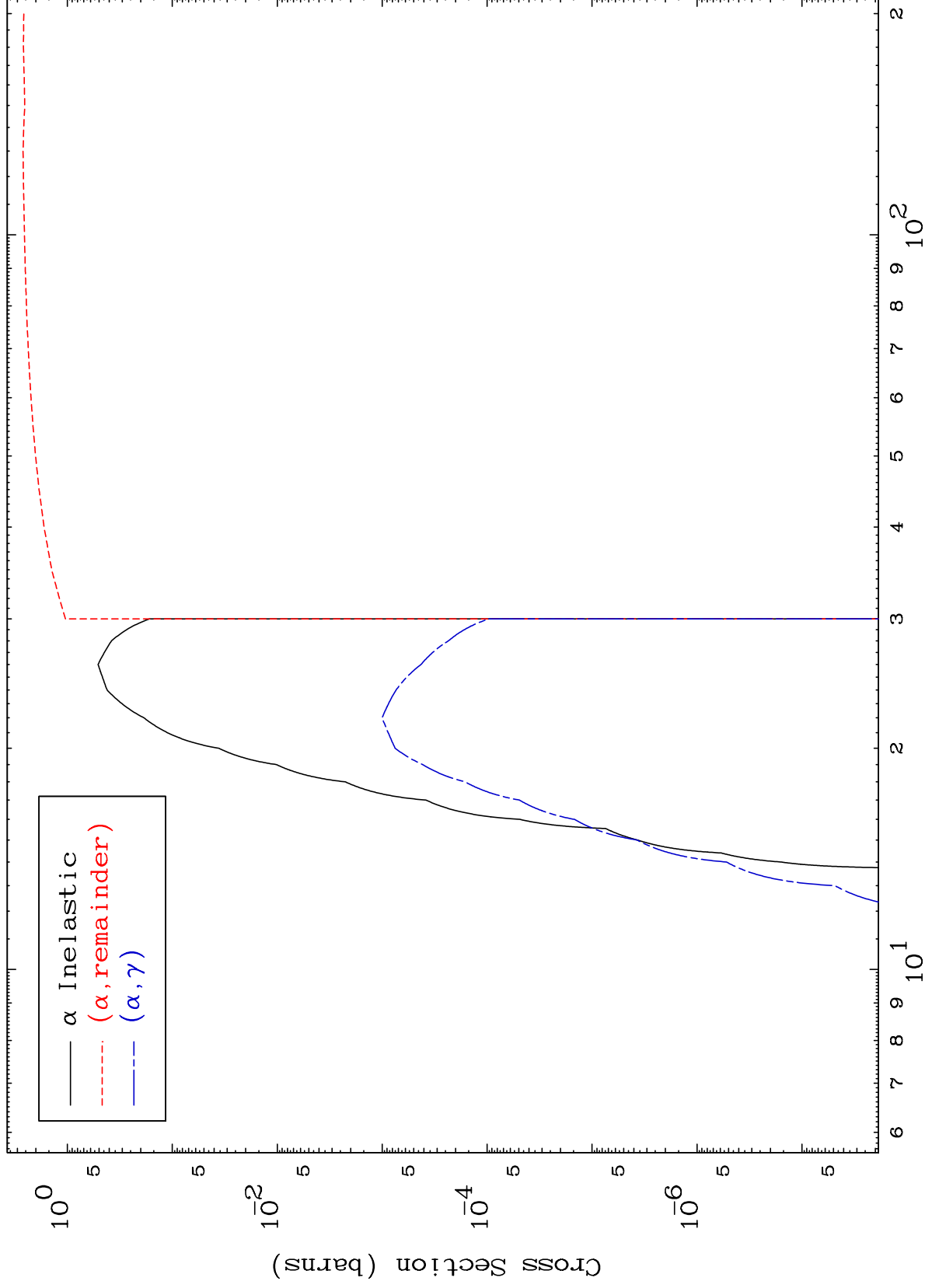
Press Mouse Button to Start

MAT 8204

0 Kelvin

α Major Cross Sections

82-Pb-197



1

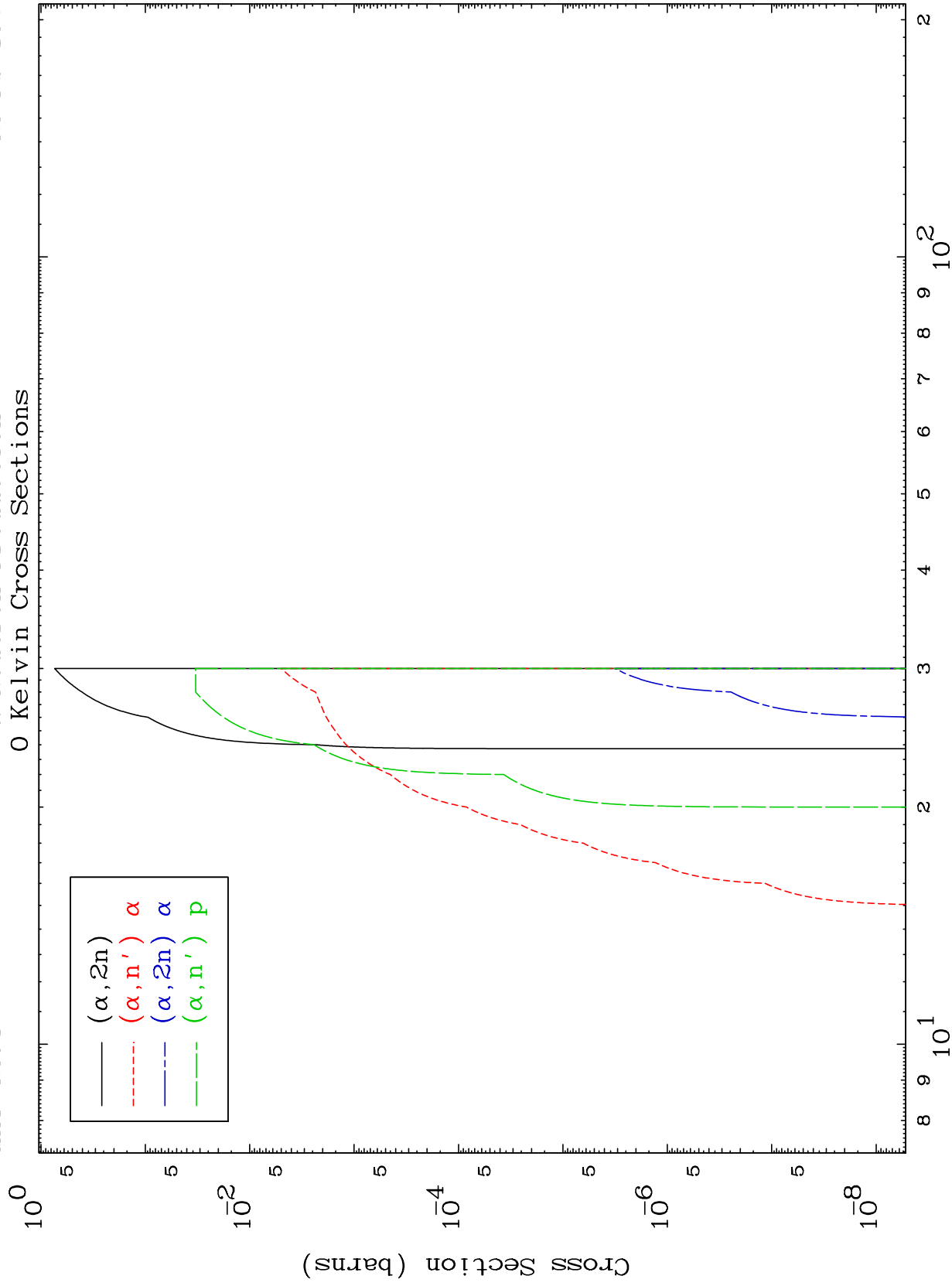
Incident Energy (MeV)

82-Pb-197

MAT 8204

α Neutron Production
0 Kelvin Cross Sections

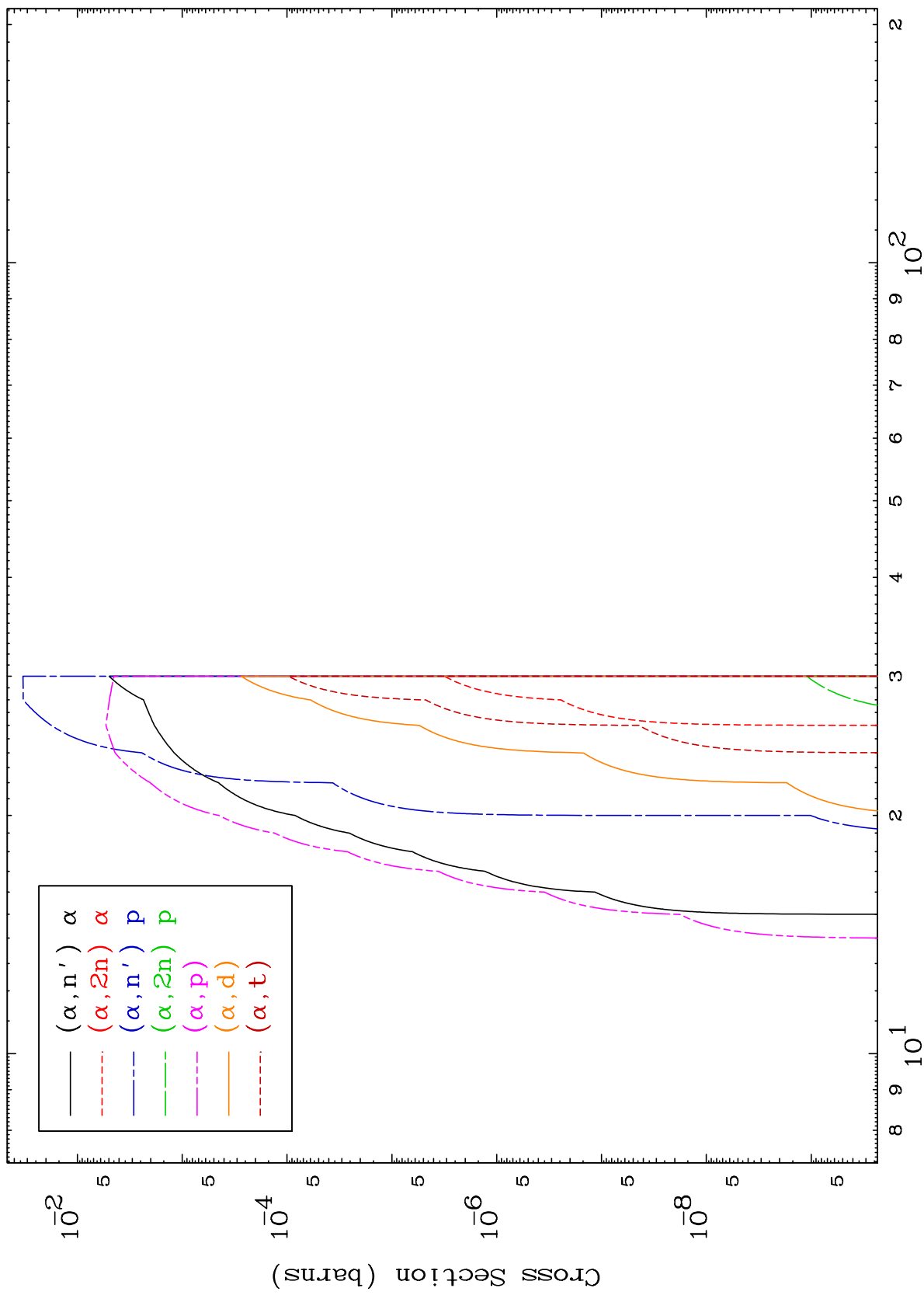
82-Pb-197



2

Incident Energy (MeV)

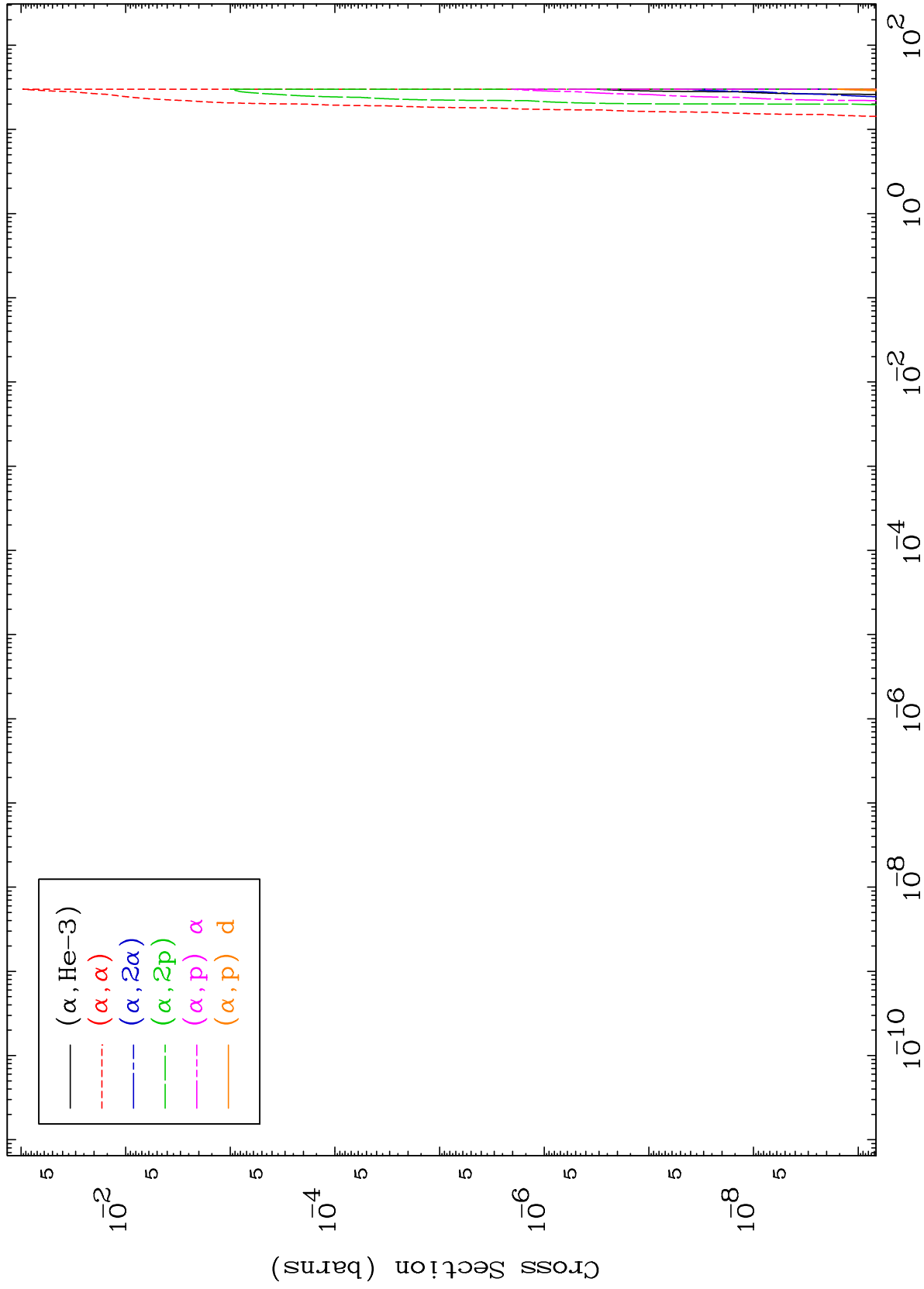
82-Pb-197



MAT 8204

α Charged Particle
0 Kelvin Cross Sections

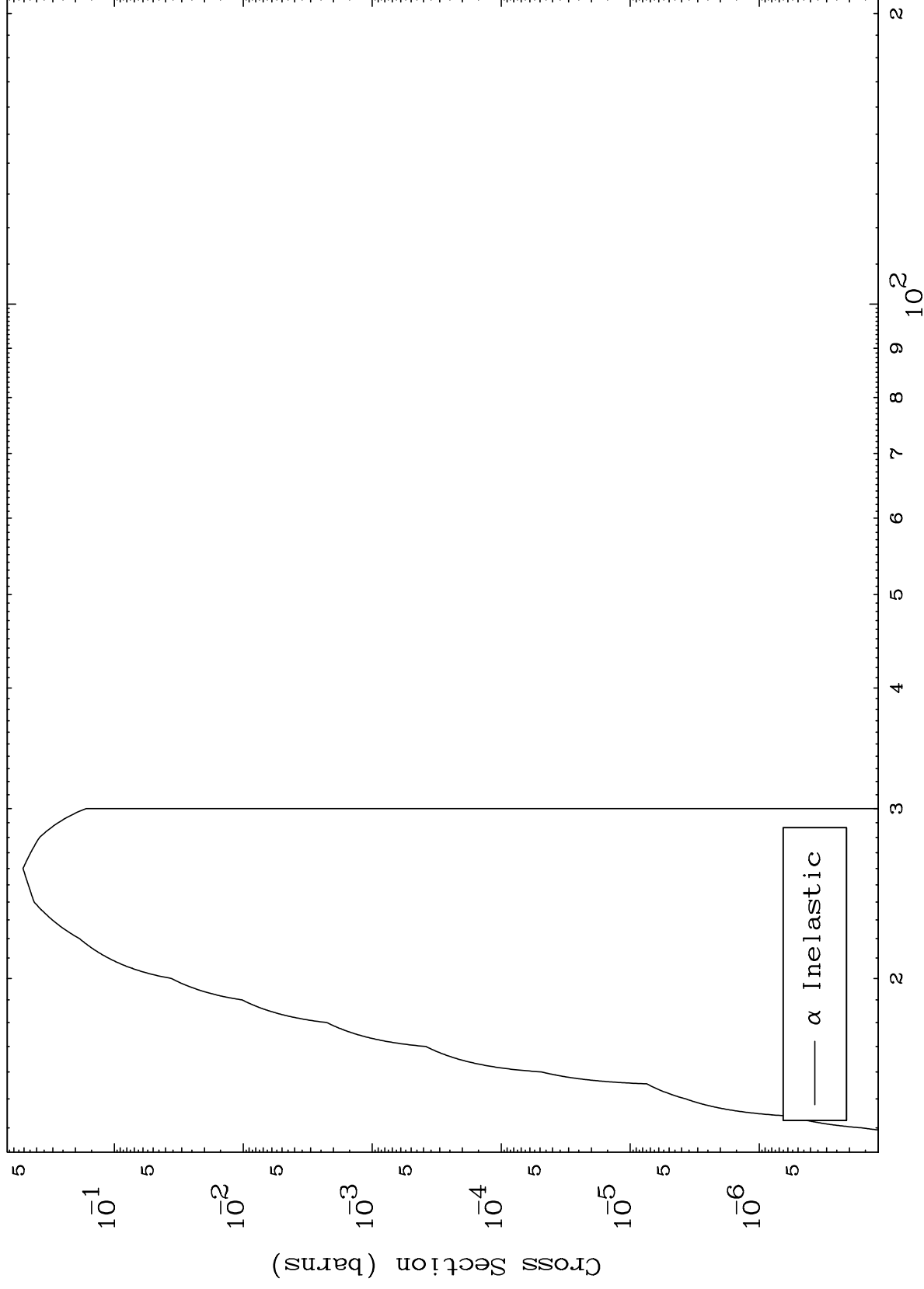
82-Pb-197



MAT 8204

(α, n') Level
0 Kelvin Cross Sections

82-Pb-197



5

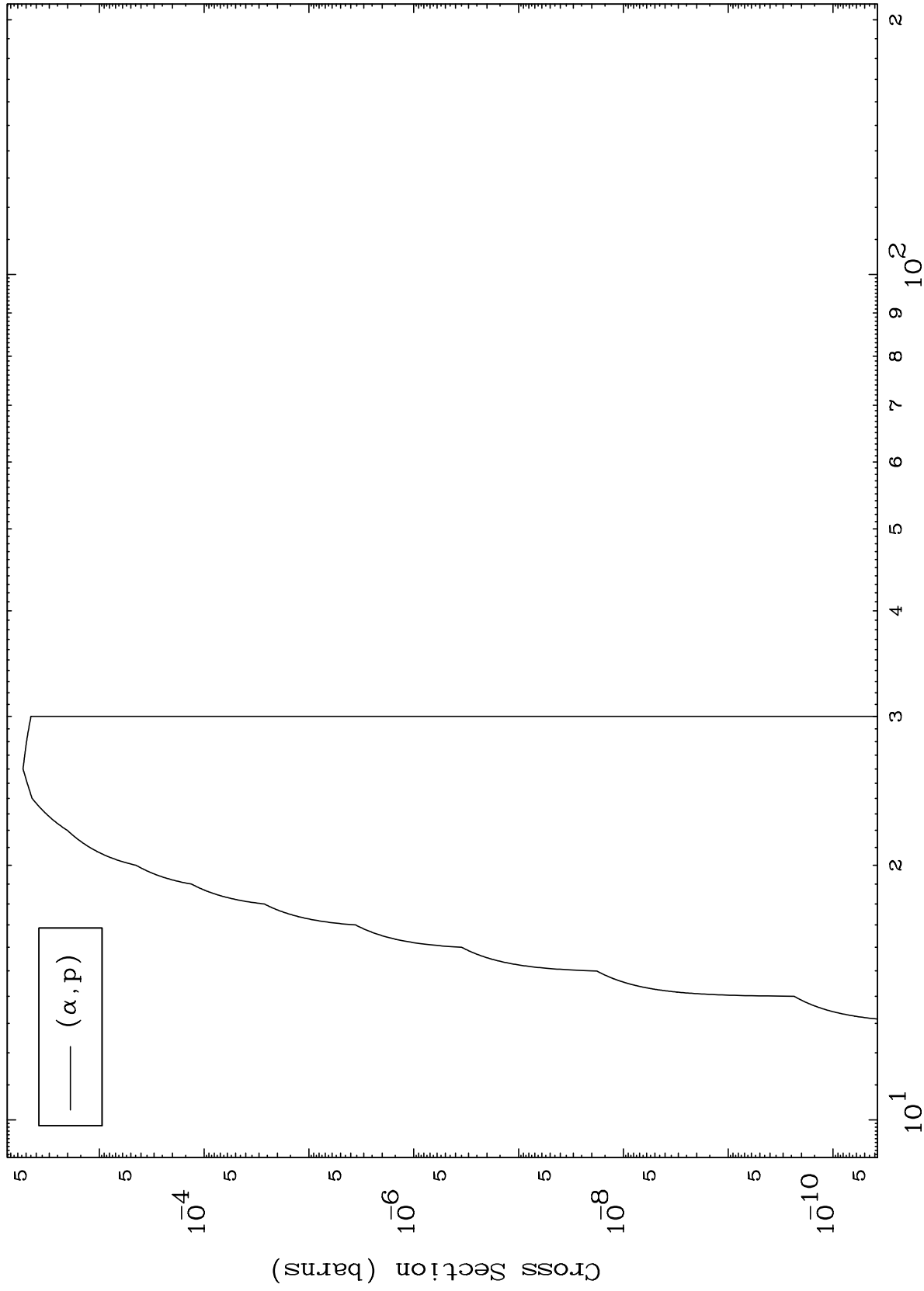
Incident Energy (MeV)

82-Pb-197

MAT 8204

82-Pb-197

(α ,p) Levels
0 Kelvin Cross Sections



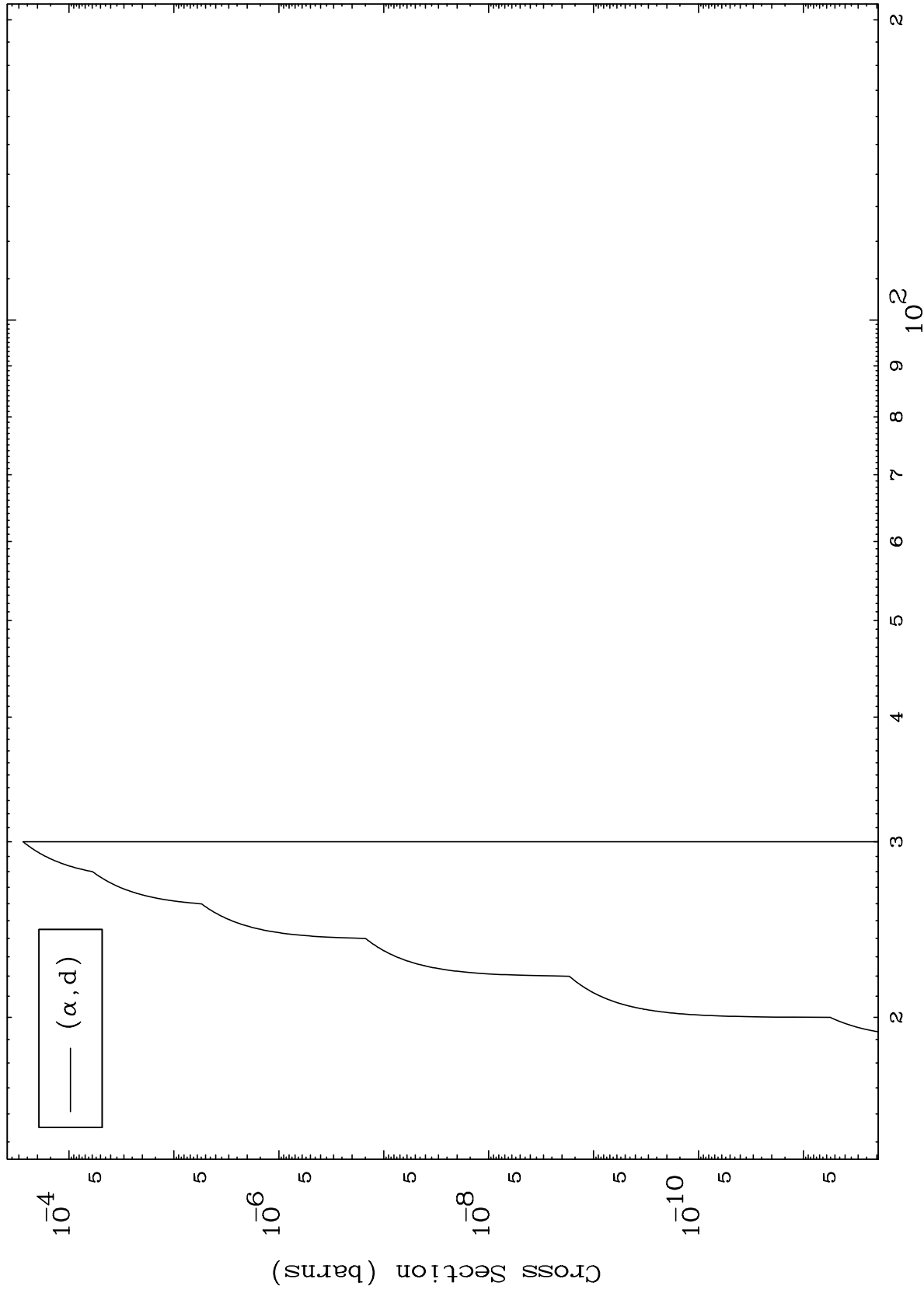
82-Pb-197

Incident Energy (MeV)

MAT 8204

(α ,d) Levels
0 Kelvin Cross Sections

82-Pb-197



7

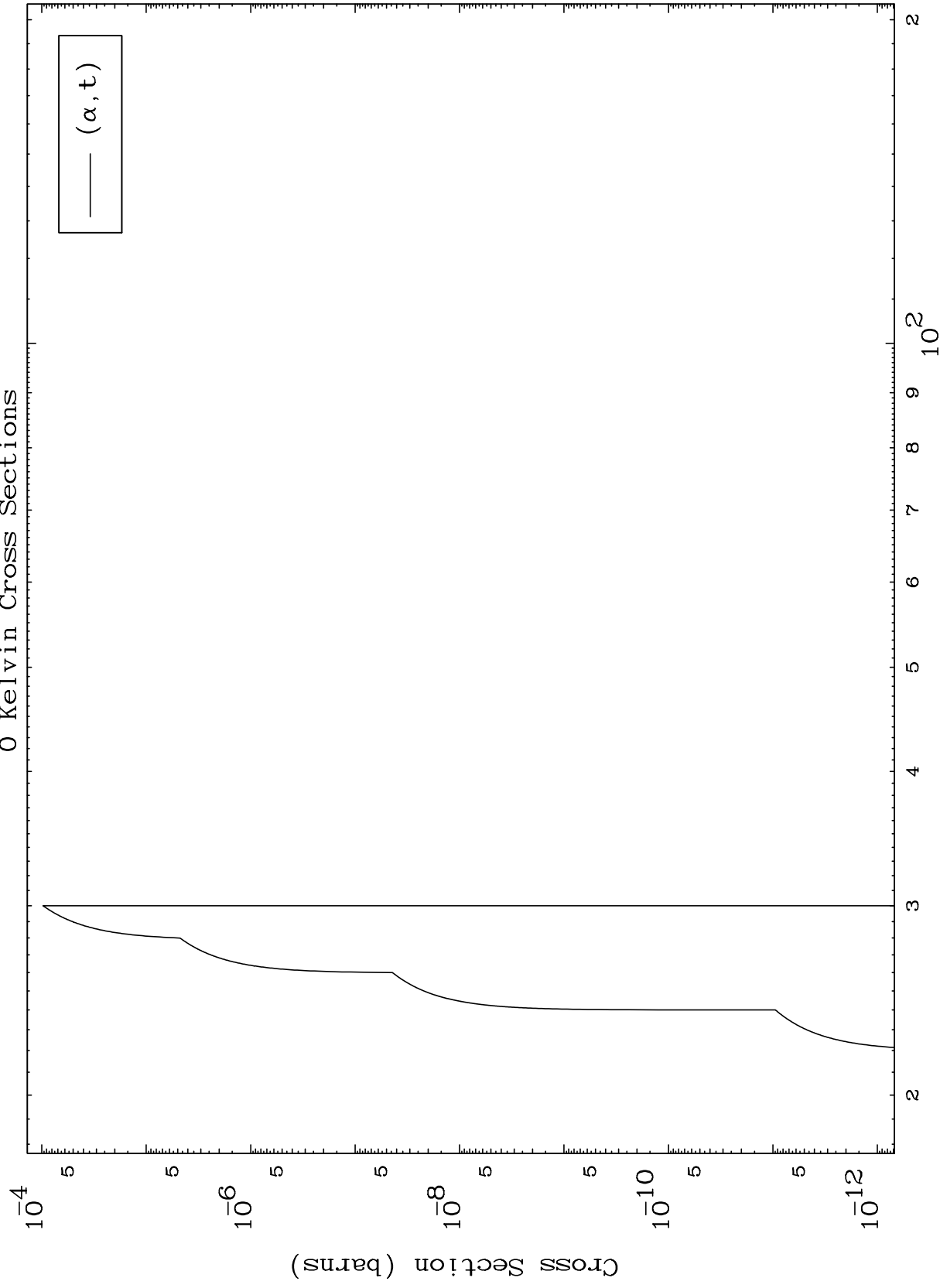
Incident Energy (MeV)

82-Pb-197

MAT 8204

(α ,t) Levels
0 Kelvin Cross Sections

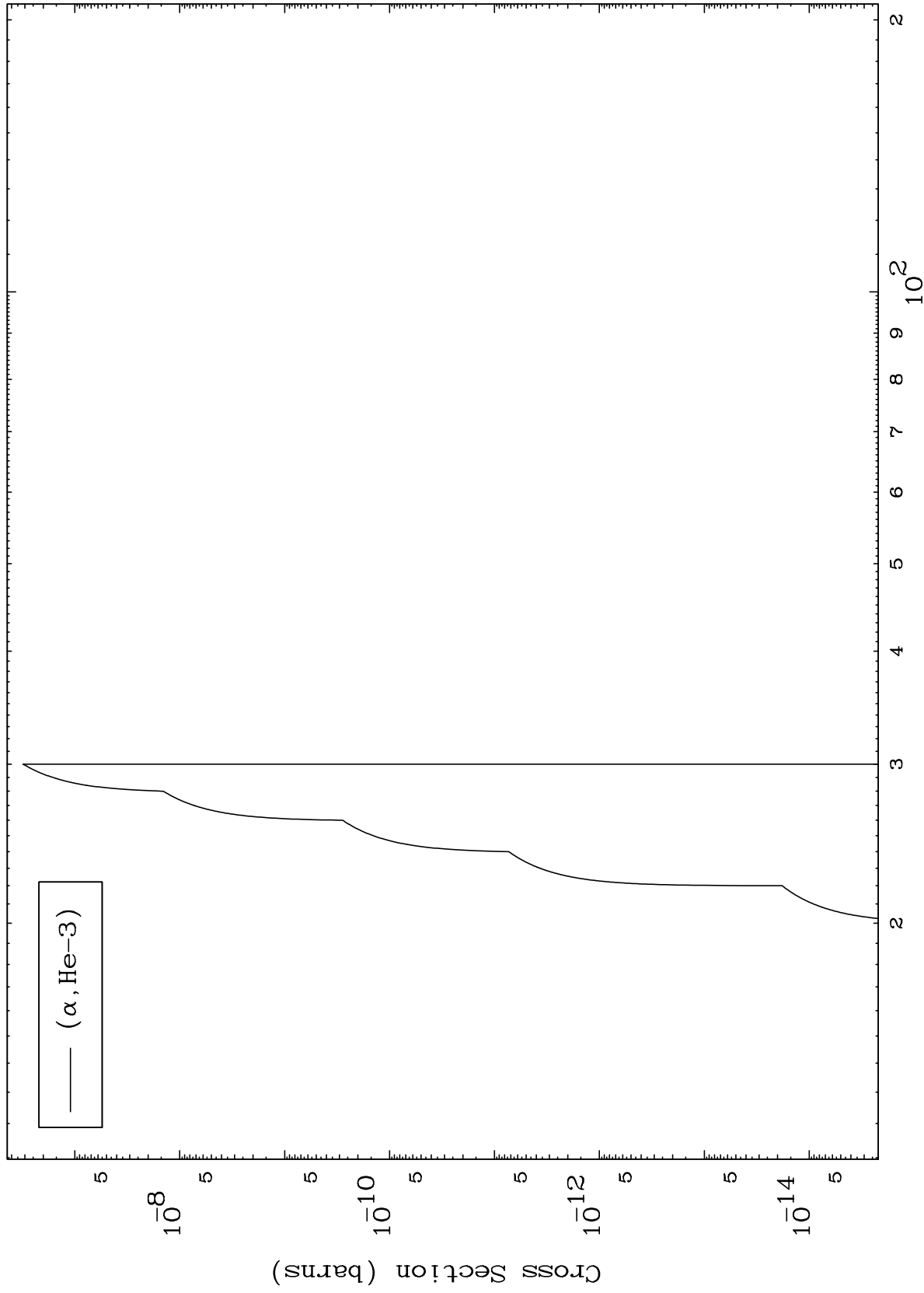
82-Pb-197



8

Incident Energy (MeV)

82-Pb-197

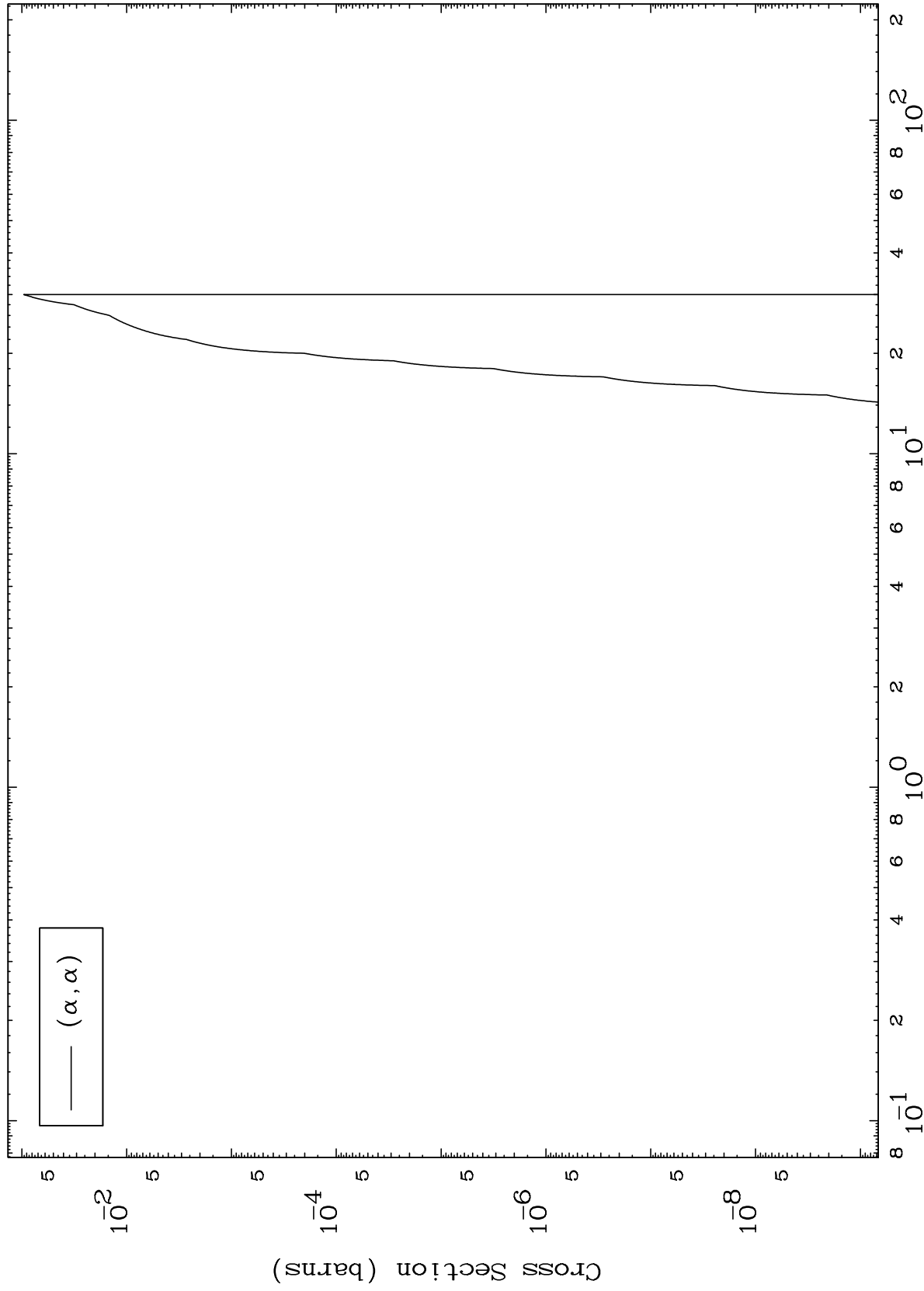


MAT 8204

(α, α) Levels

82-Pb-197

0 Kelvin Cross Sections

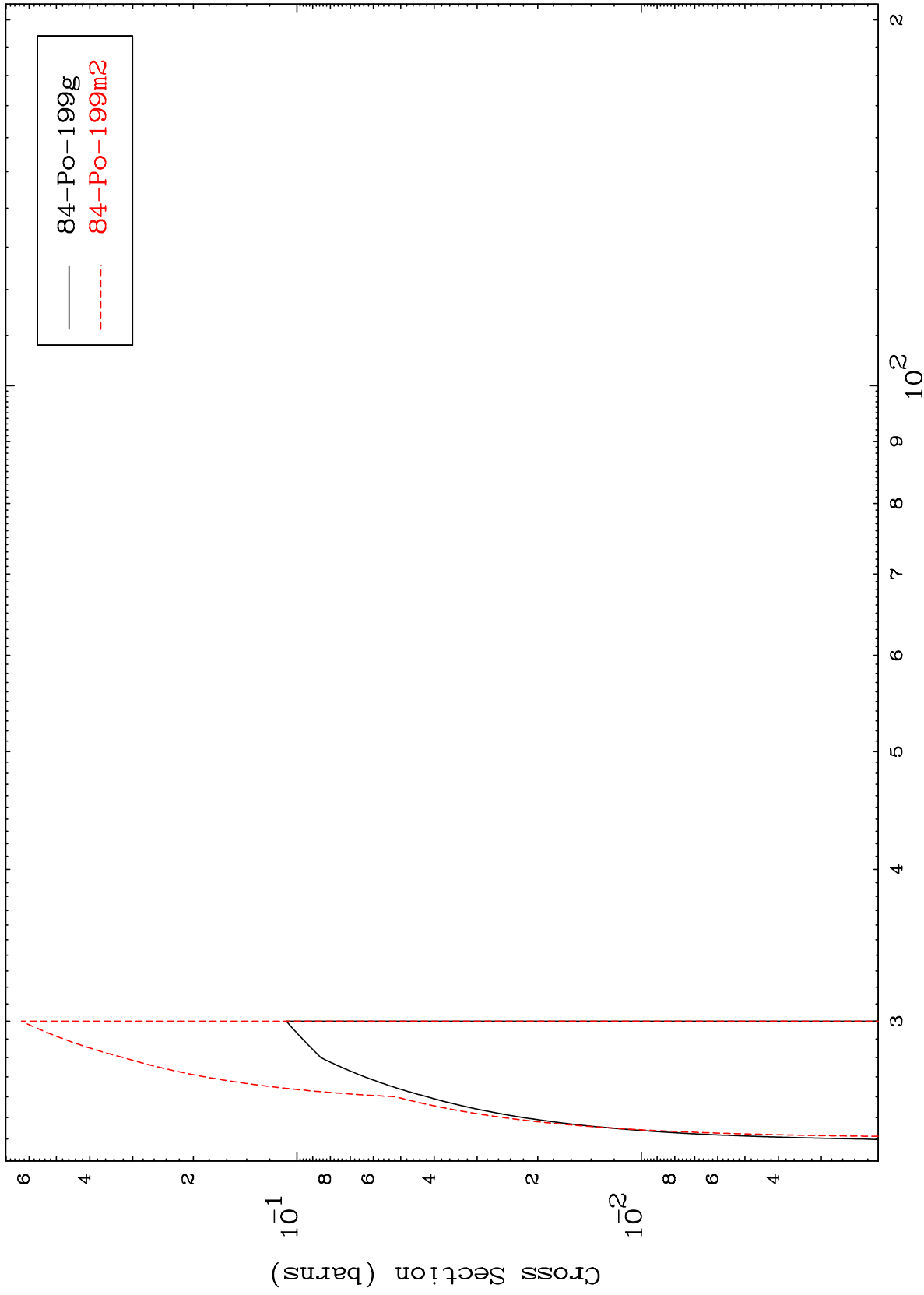


10

Incident Energy (MeV)

82-Pb-197

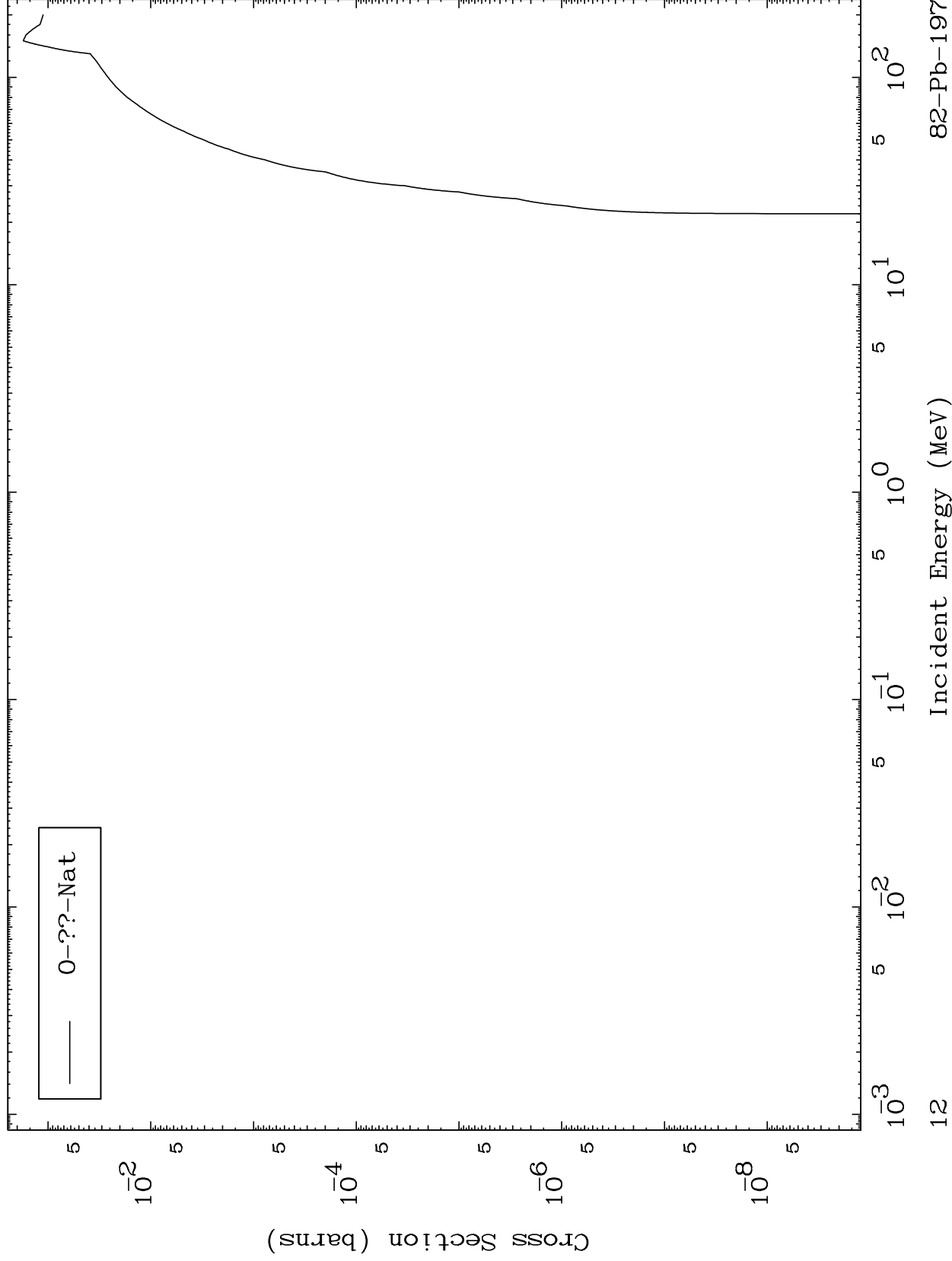
Radionuclide Production Cross Section
($\alpha, 2n$)



MAT 8204

α Fission
Radionuclide Production Cross Section

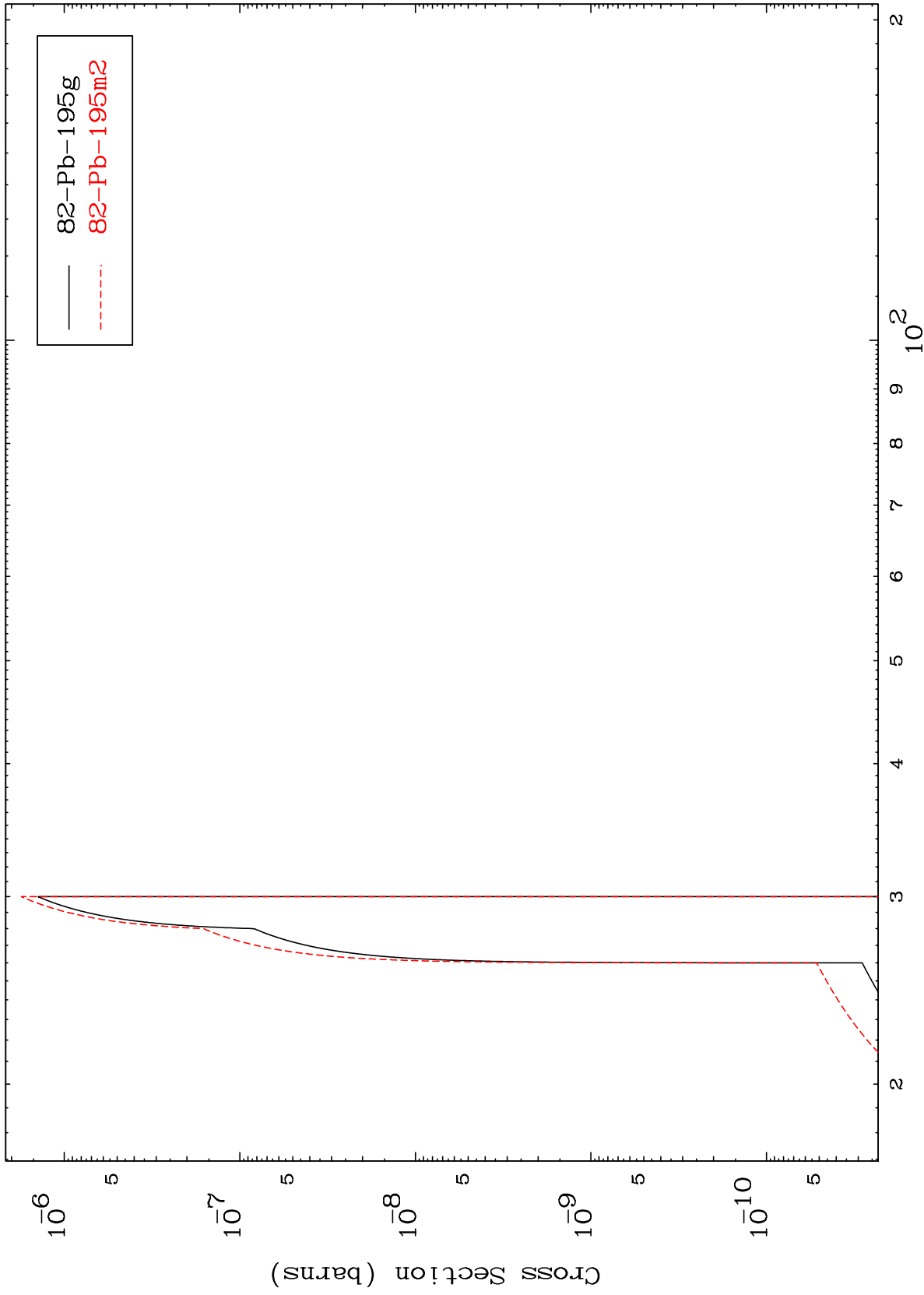
82-Pb-197



MAT 8204

82-Pb-197

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



13

Incident Energy (MeV)

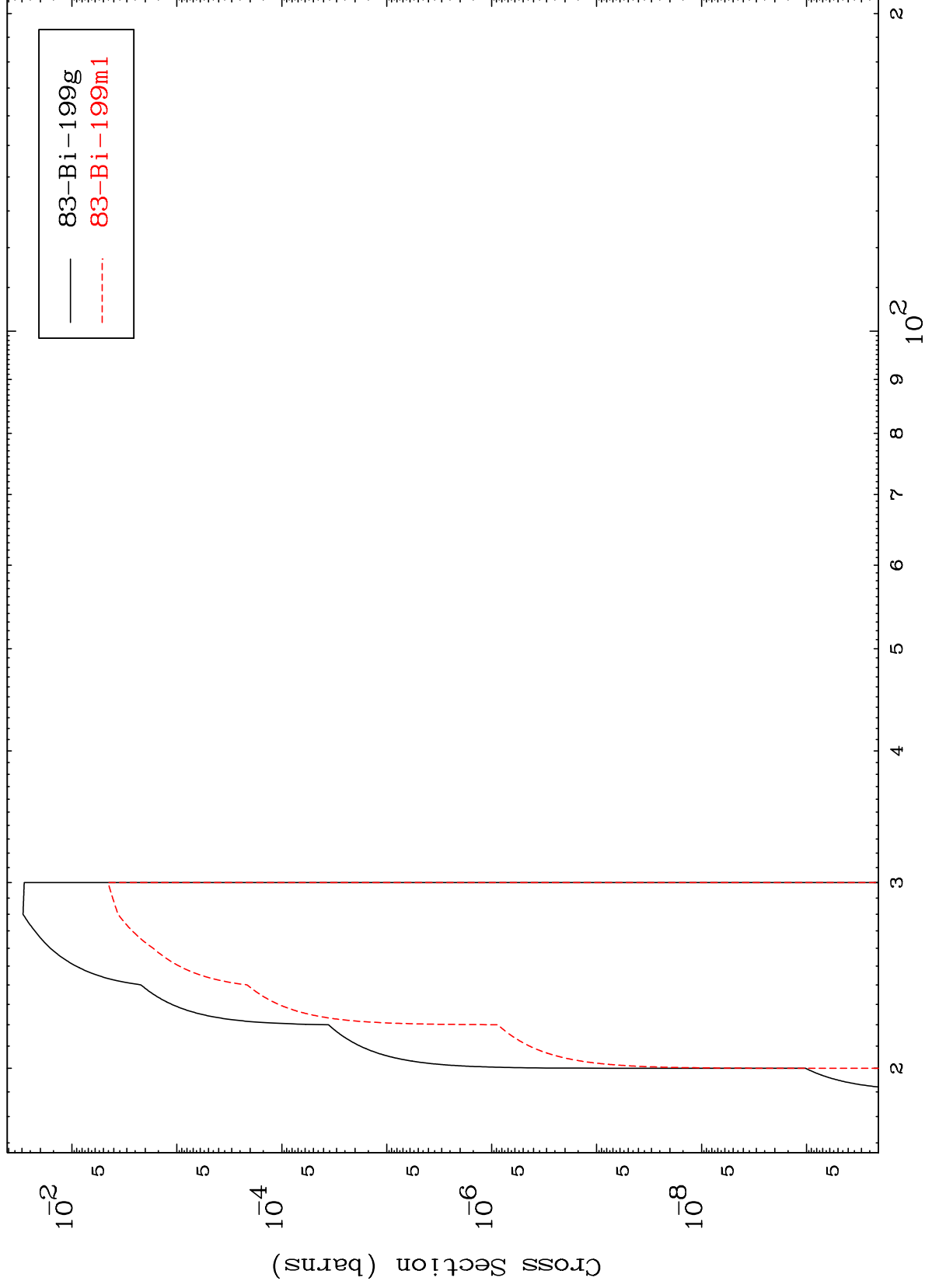
82-Pb-197

MAT 8204

(α, n') p

82-Pb-197

Radionuclide Production Cross Section



14

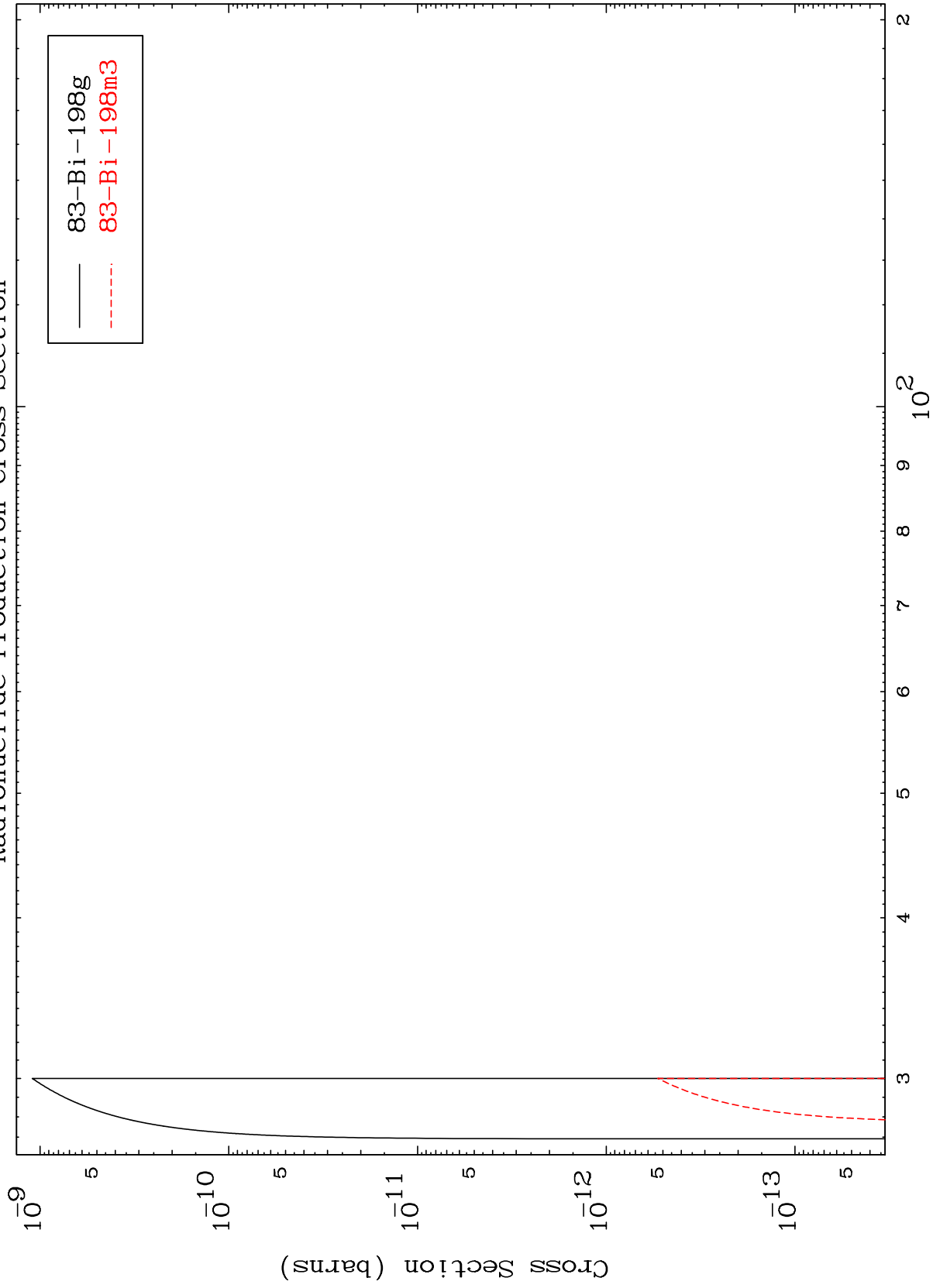
Incident Energy (MeV)

82-Pb-197

MAT 8204

82-Pb-197

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



15

Incident Energy (MeV)

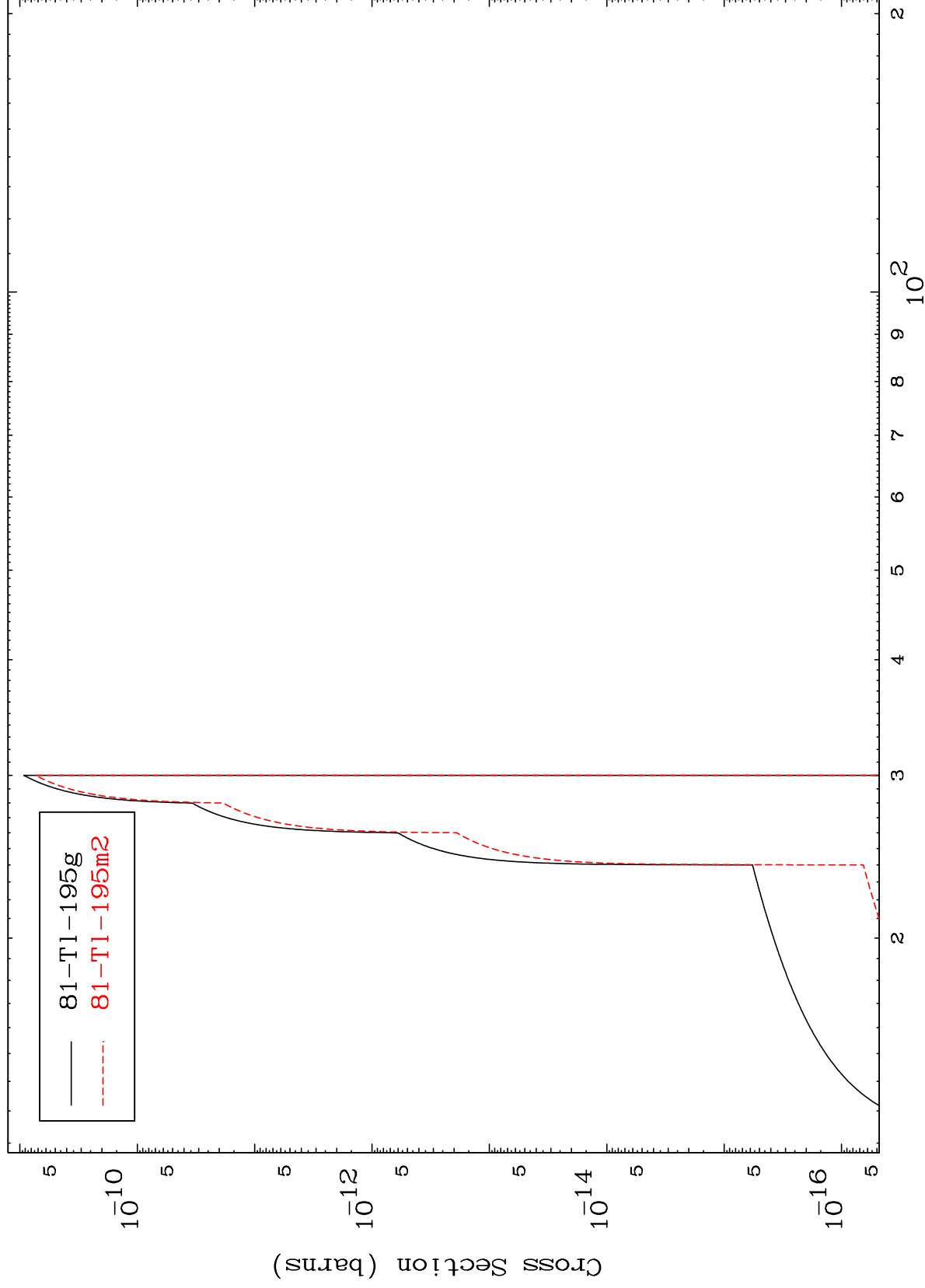
82-Pb-197

MAT 8204

(α, n') p α

82-Pb-197

Radionuclide Production Cross Section



16

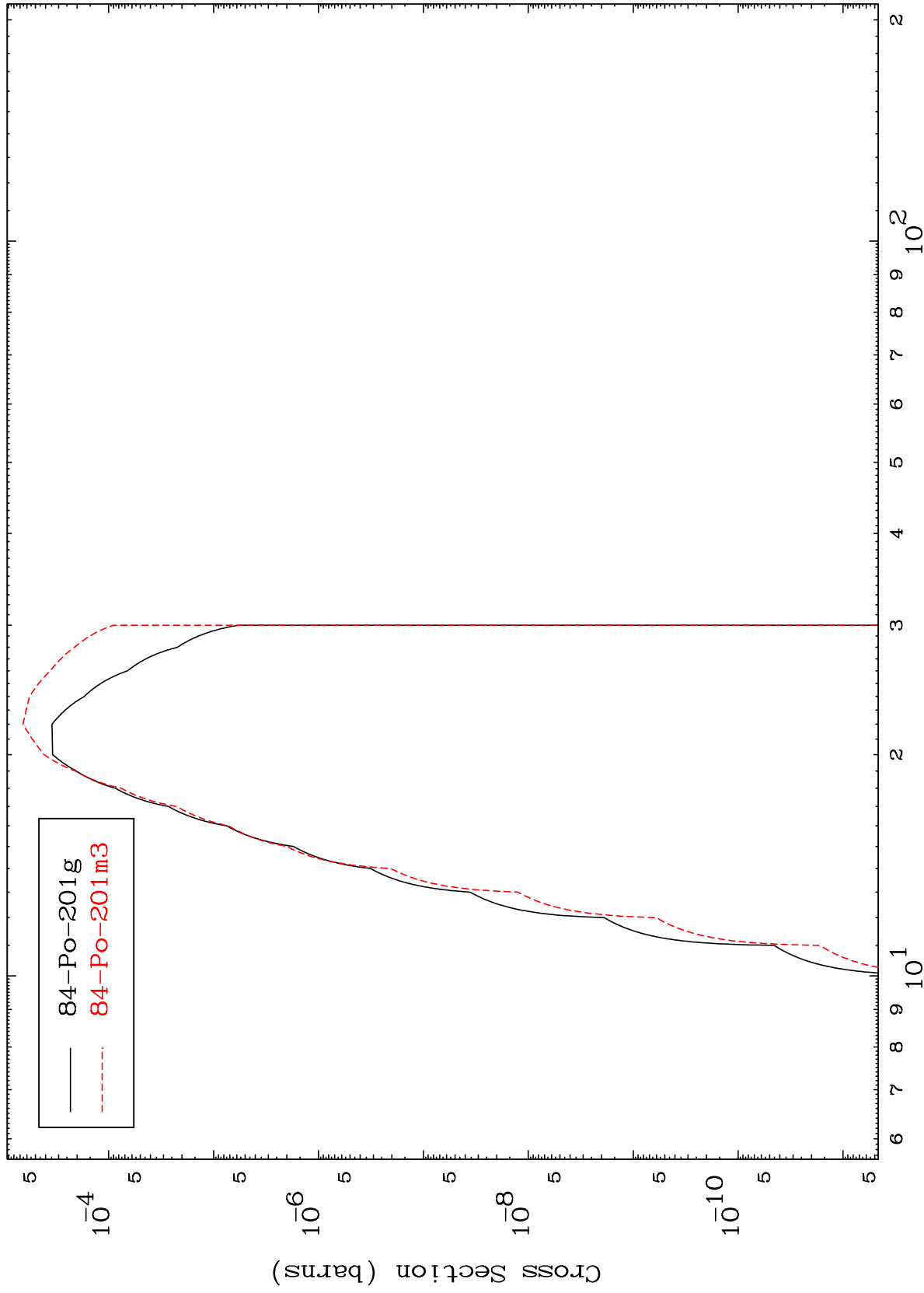
Incident Energy (MeV)

82-Pb-197

MAT 8204

82-Pb-197

(α, γ)
Radionuclide Production Cross Section



17

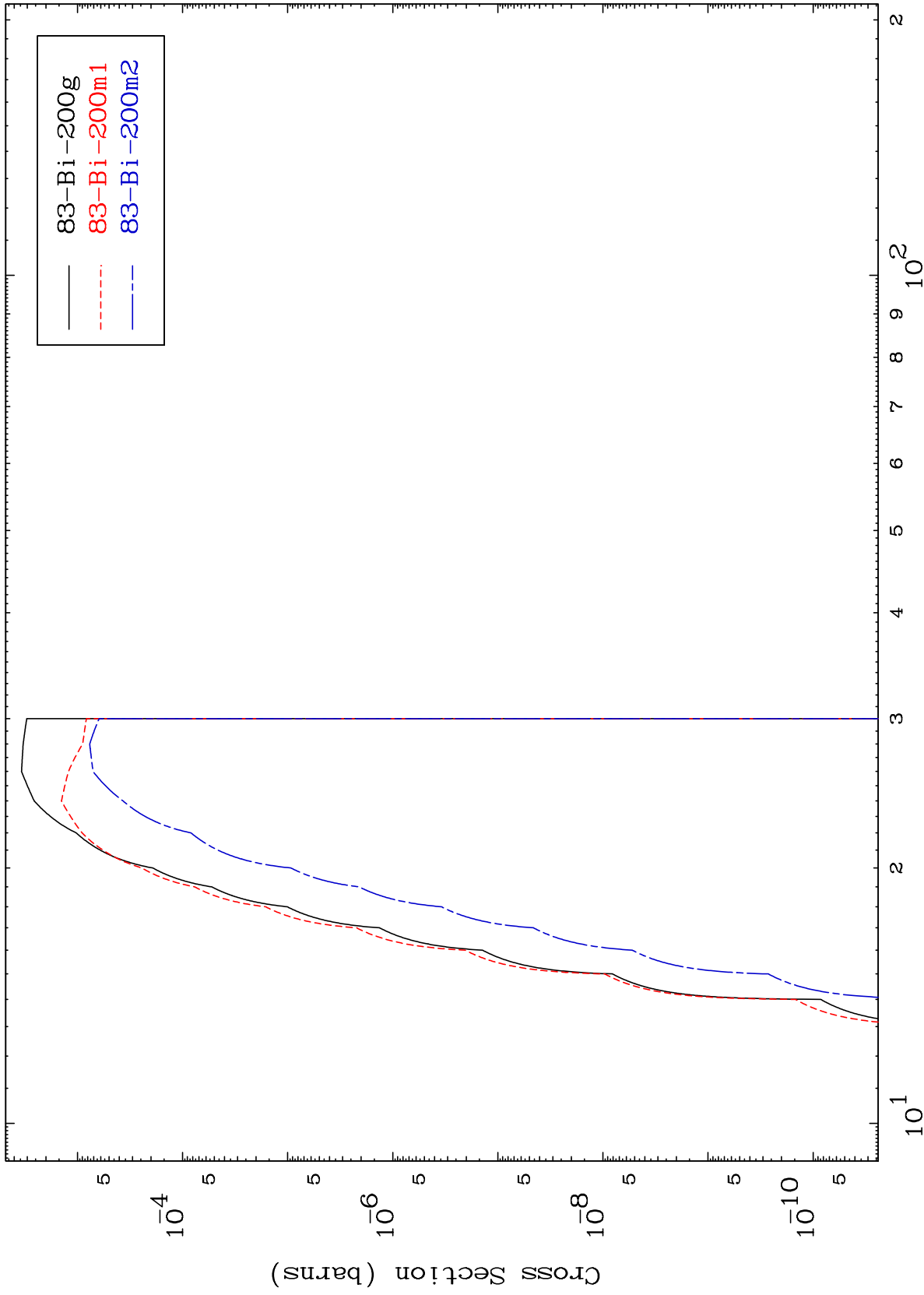
Incident Energy (MeV)

82-Pb-197

MAT 8204

82-Pb-197

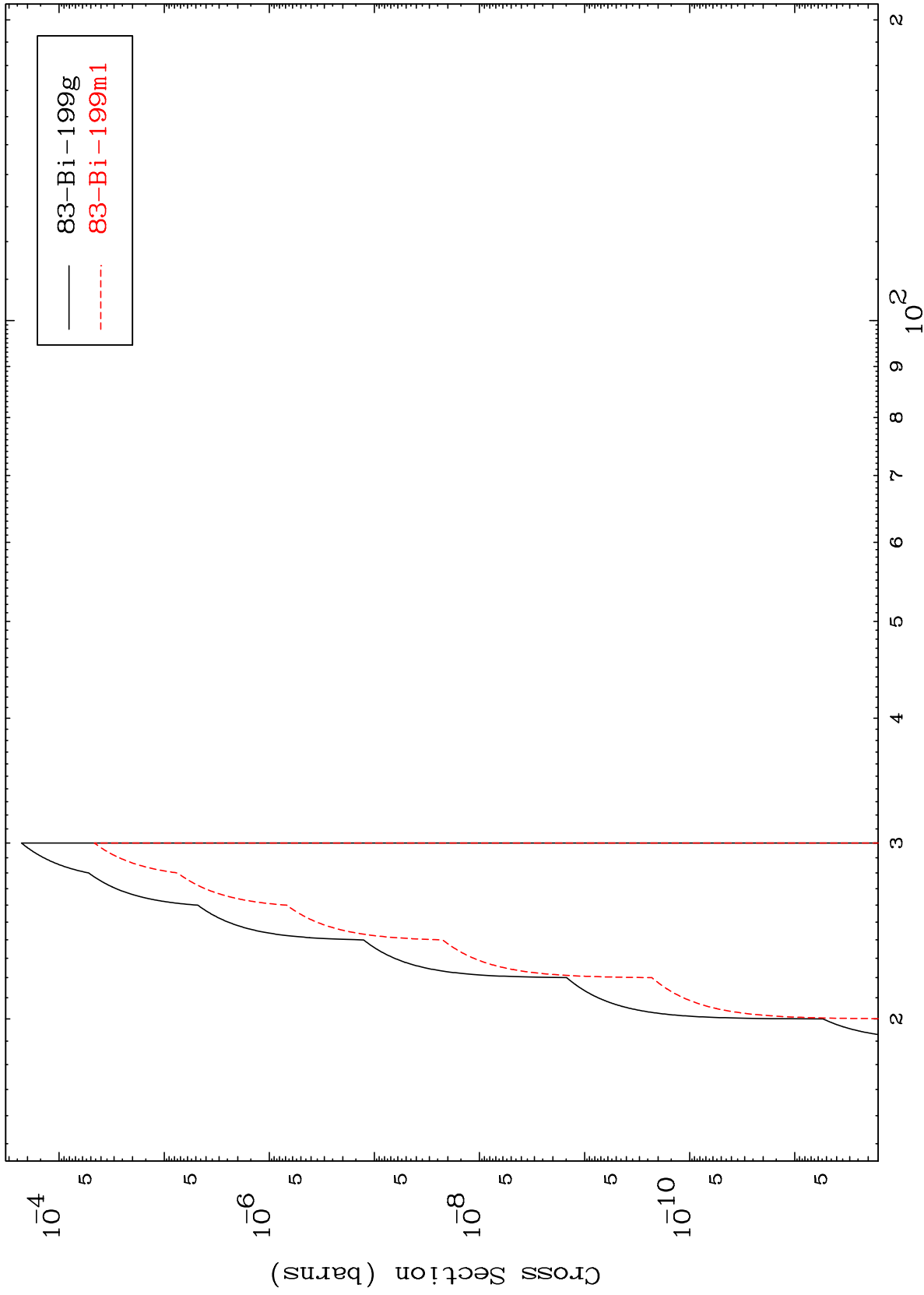
(α, p)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

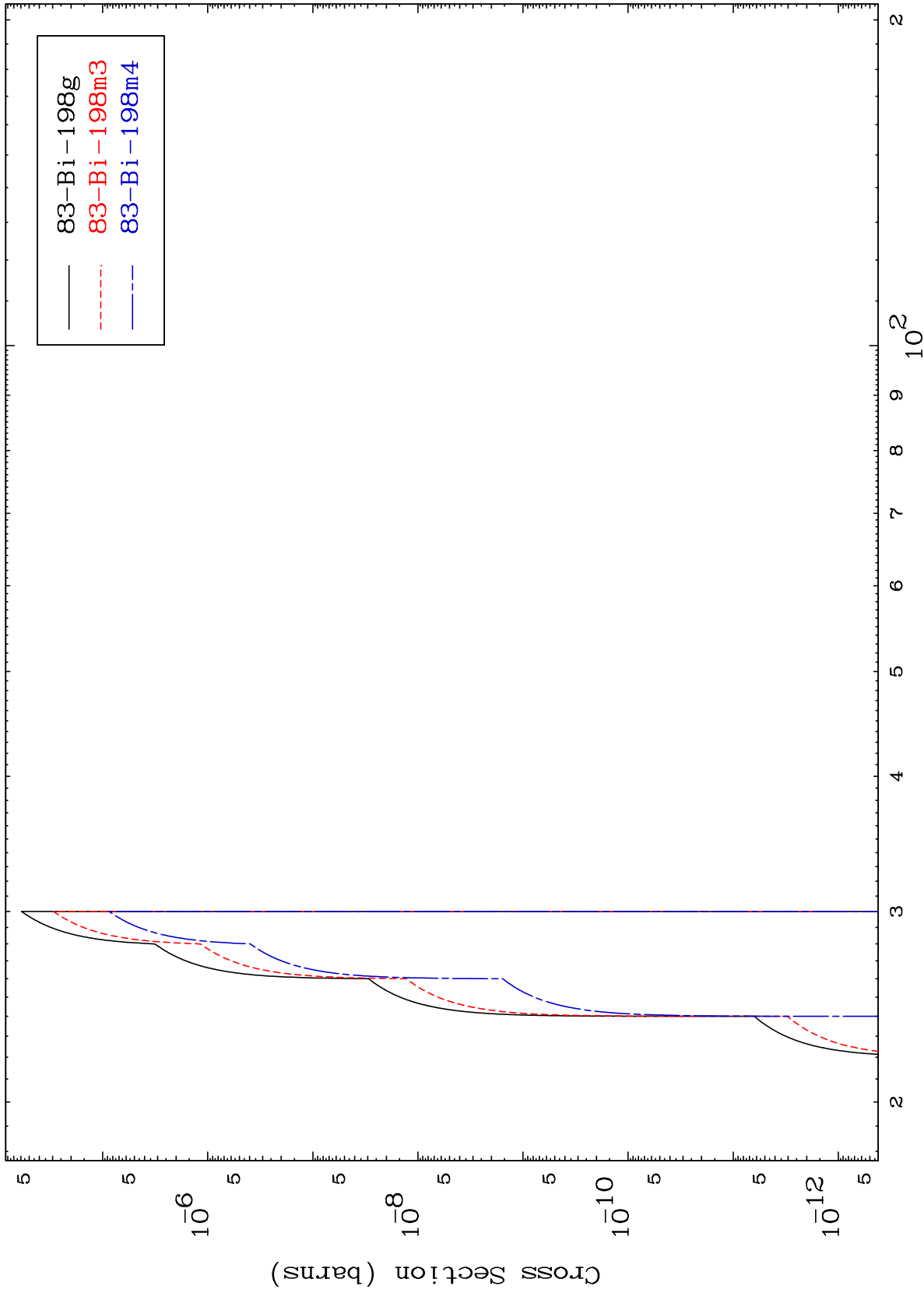
82-Pb-197



MAT 8204

82-Pb-197

(α, t)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

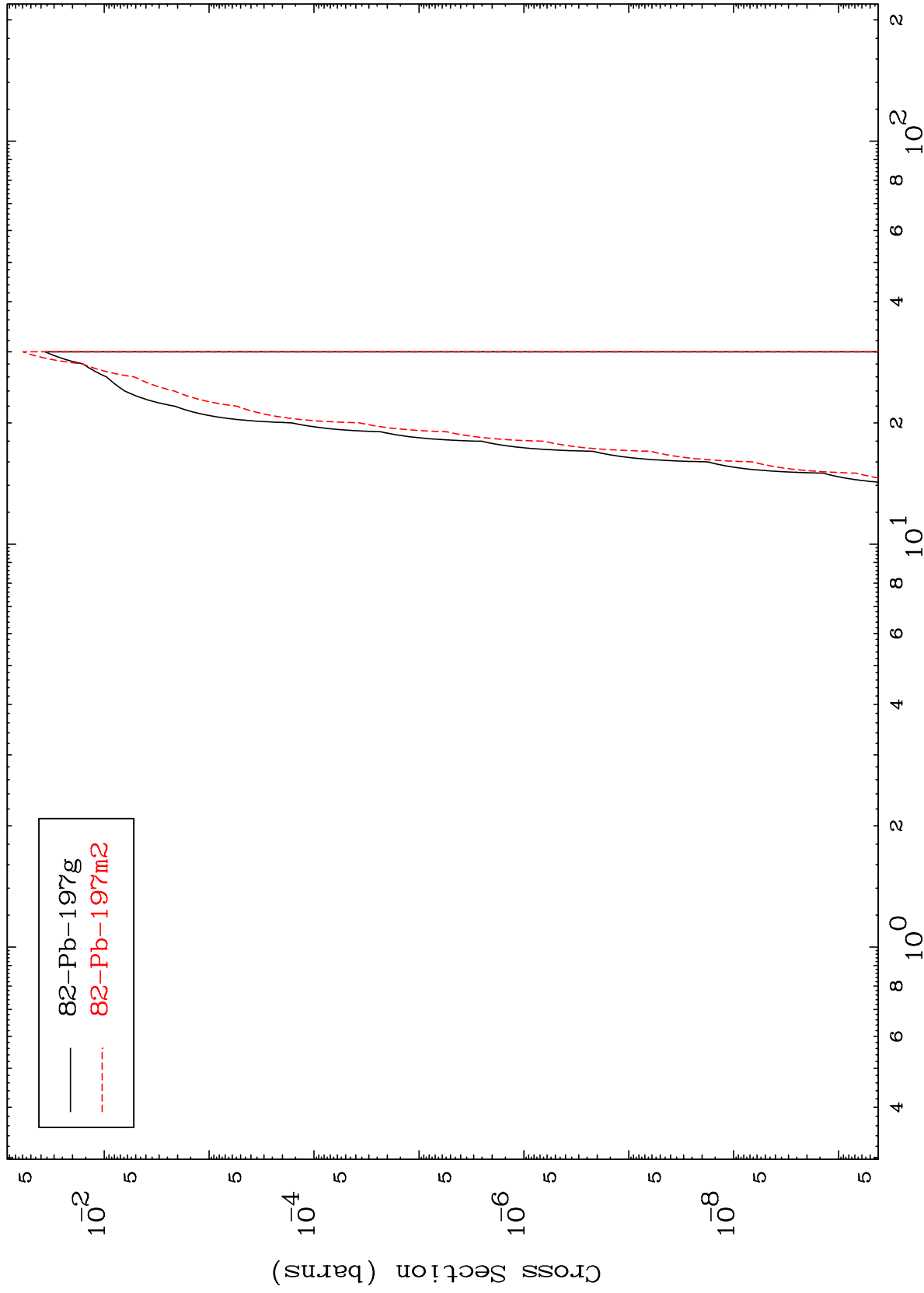
82-Pb-197

MAT 8204

(α, α)

82-Pb-197

Radionuclide Production Cross Section



21

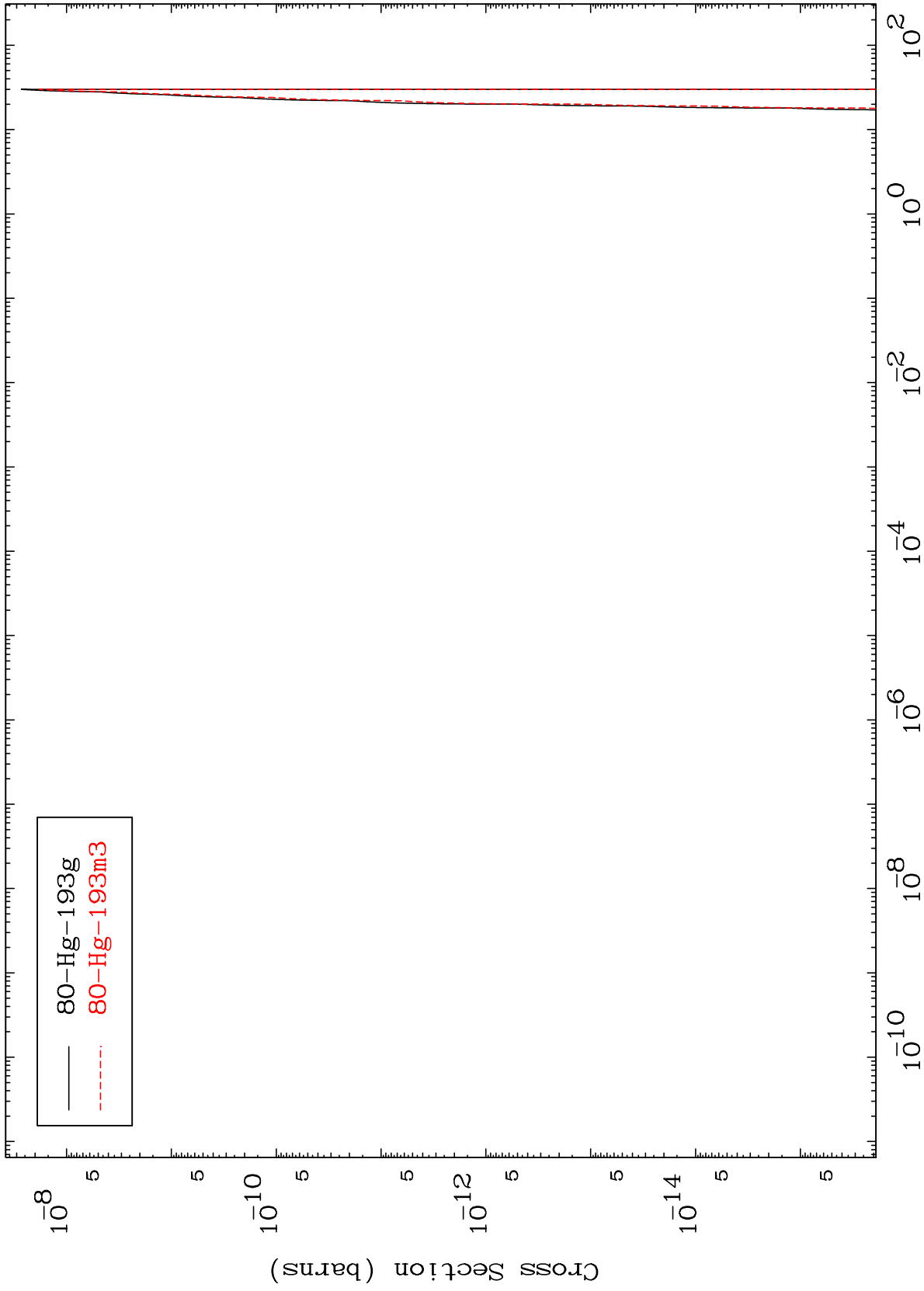
Incident Energy (MeV)

82-Pb-197

MAT 8204

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

82-Pb-197



22

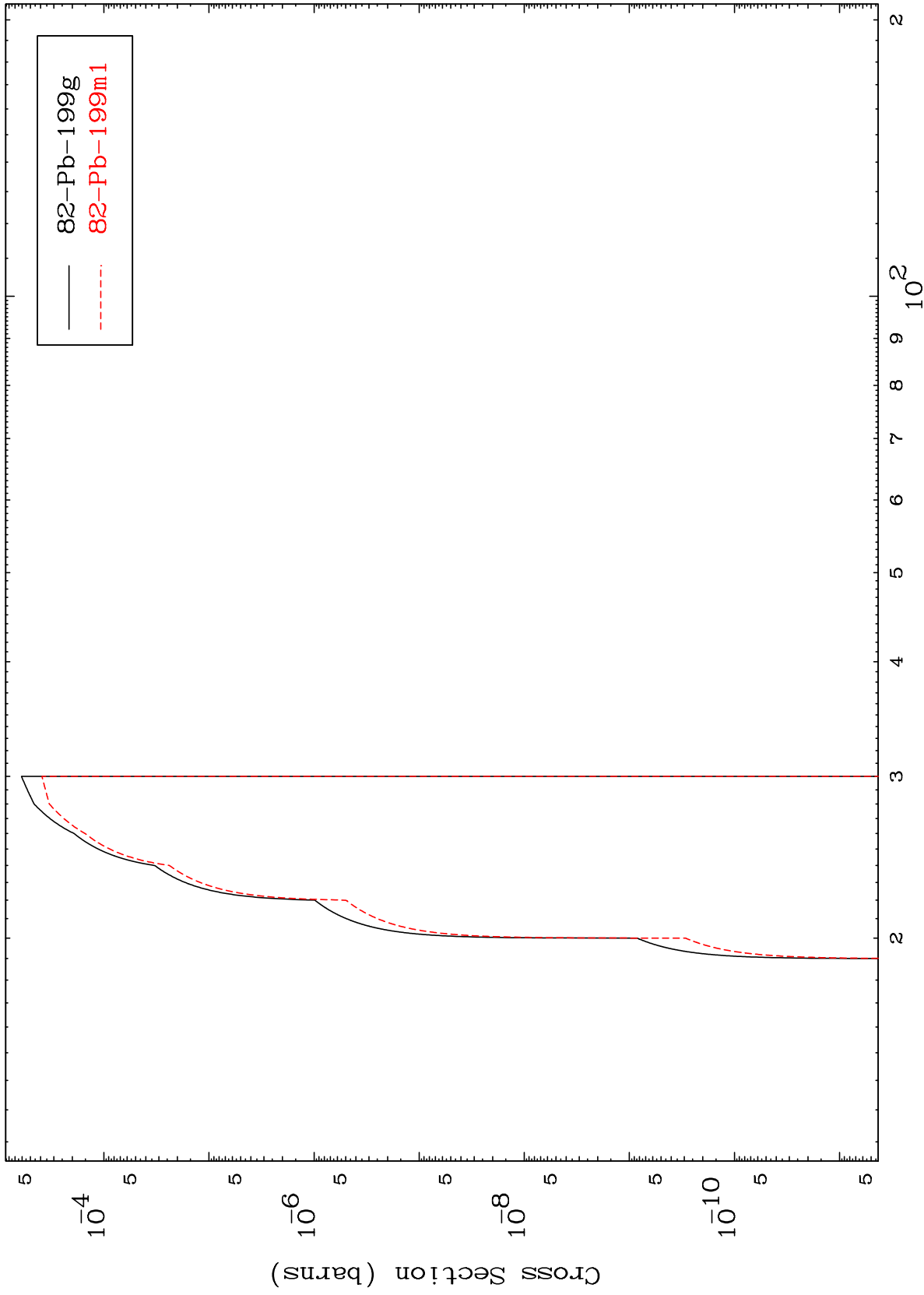
Incident Energy (MeV)

82-Pb-197

MAT 8204

82-Pb-197

Radionuclide Production Cross Section
($\alpha, 2p$)



23

Incident Energy (MeV)

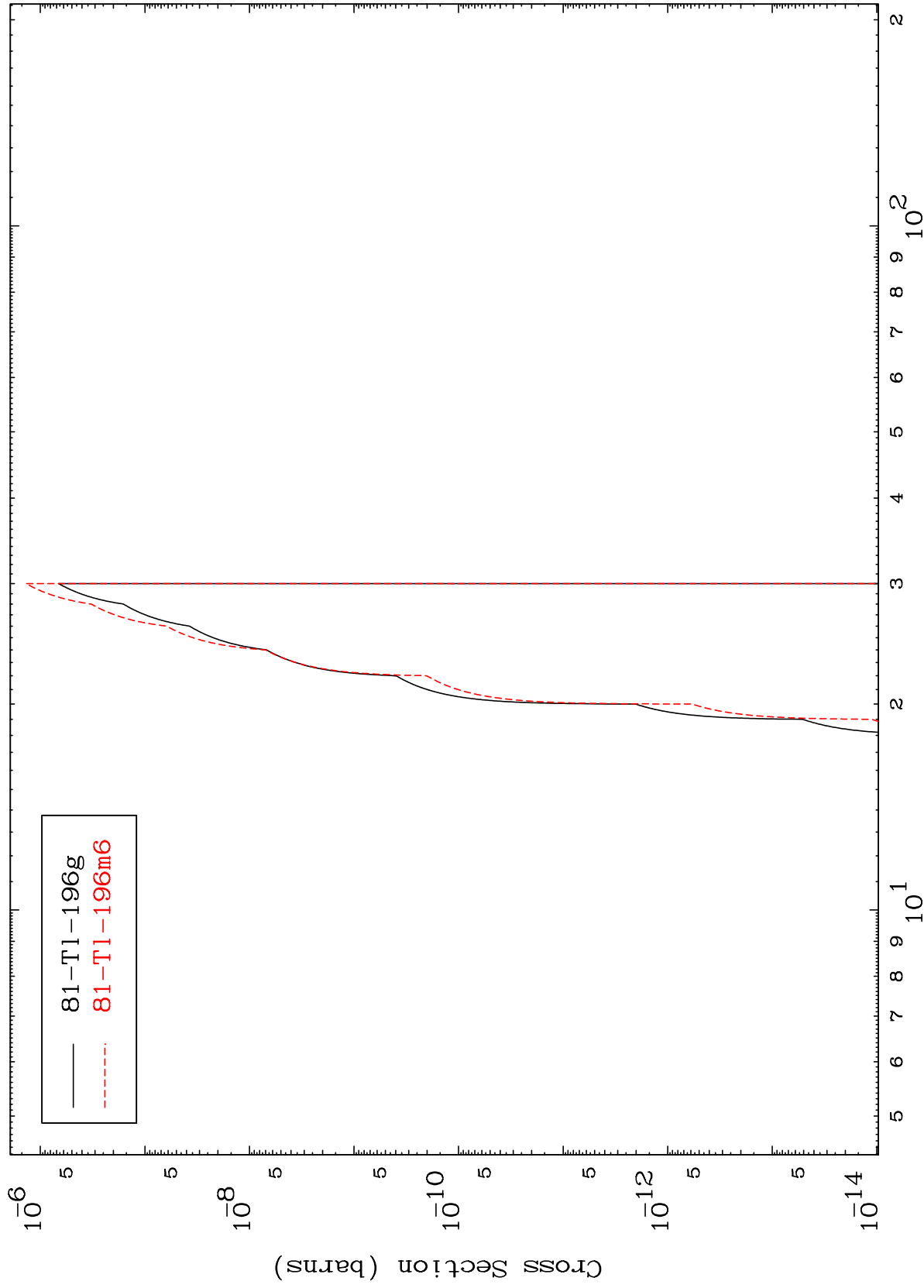
82-Pb-197

MAT 8204

$(\alpha, p) \alpha$

82-Pb-197

Radionuclide Production Cross Section



24

Incident Energy (MeV)

82-Pb-197