

Program EVALPLOT
(Version 2018-1)

by

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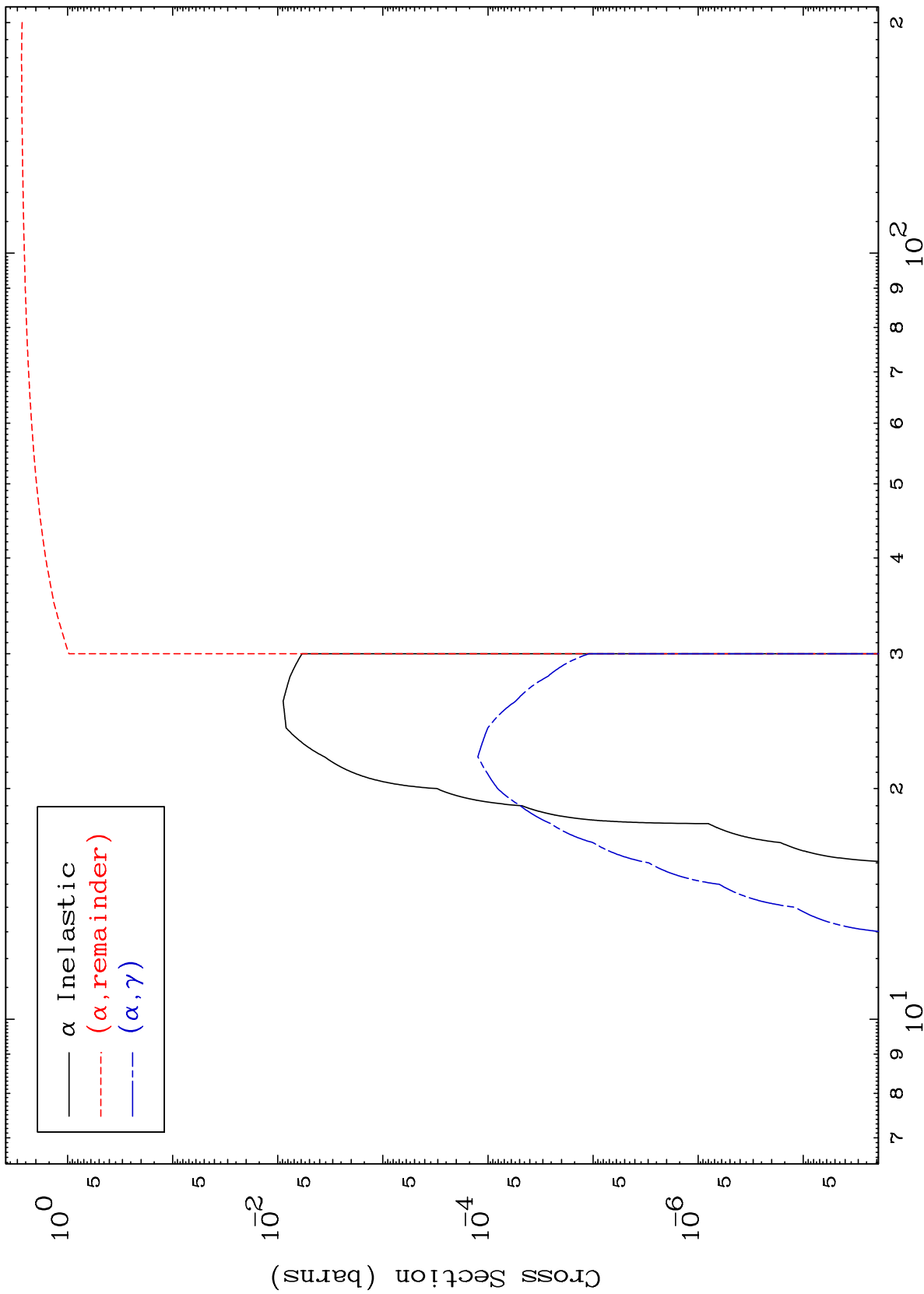
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8399

0 Kelvin α Major
Cross Sections

84-Po-197



α Inelastic
 $(\alpha, \text{remainder})$
 (α, γ)

Incident Energy (MeV)

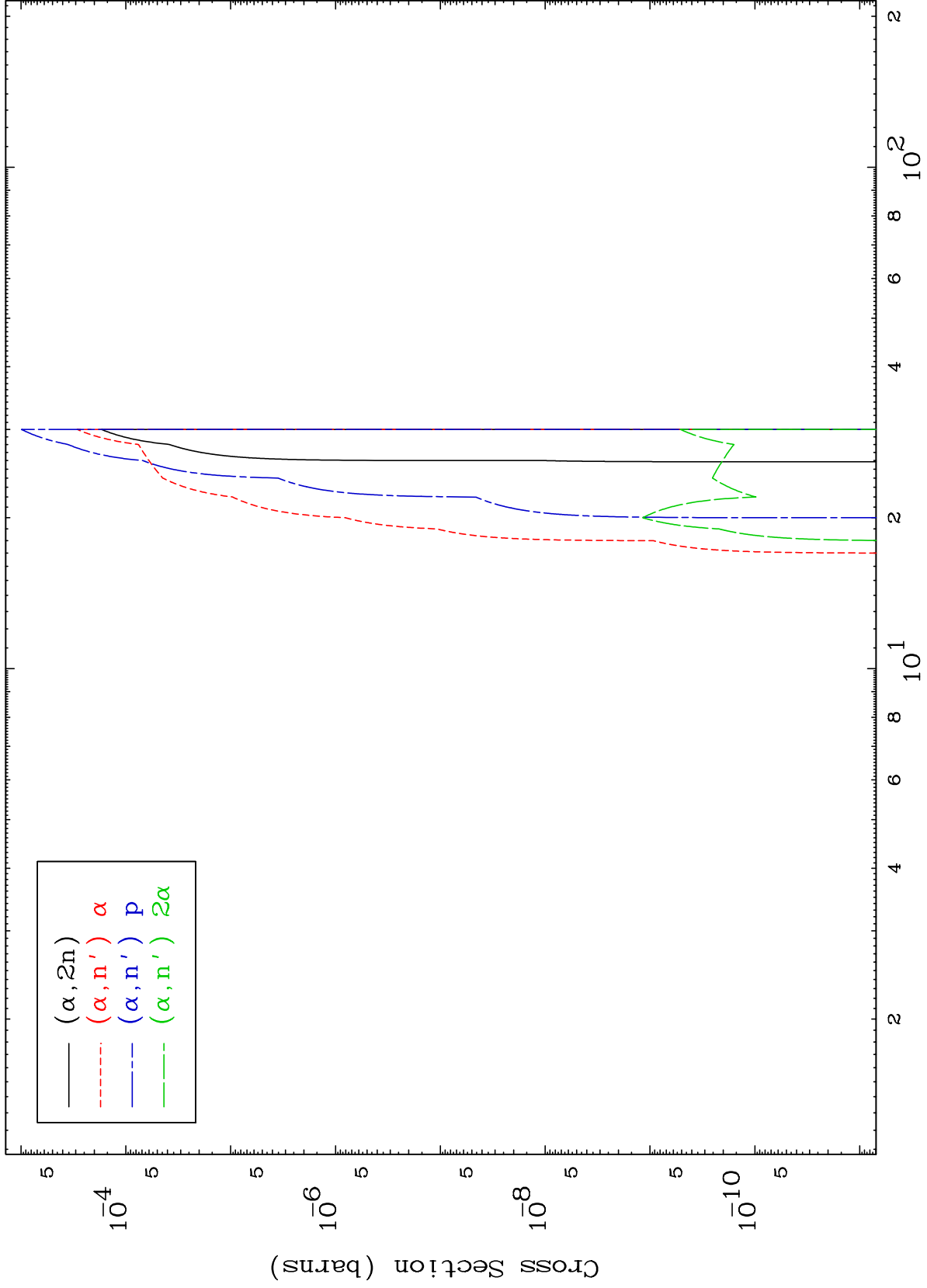
84-Po-197

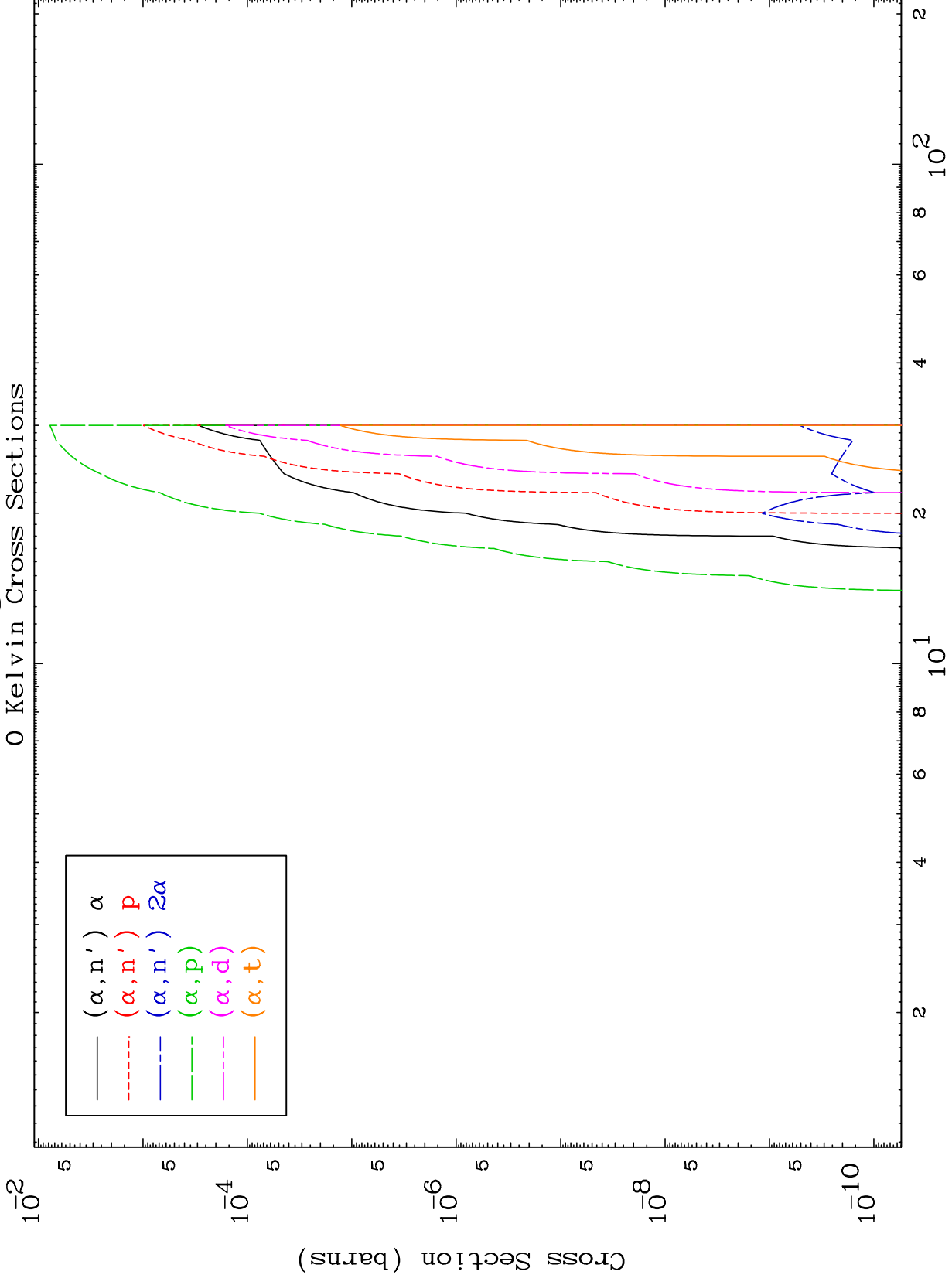
1

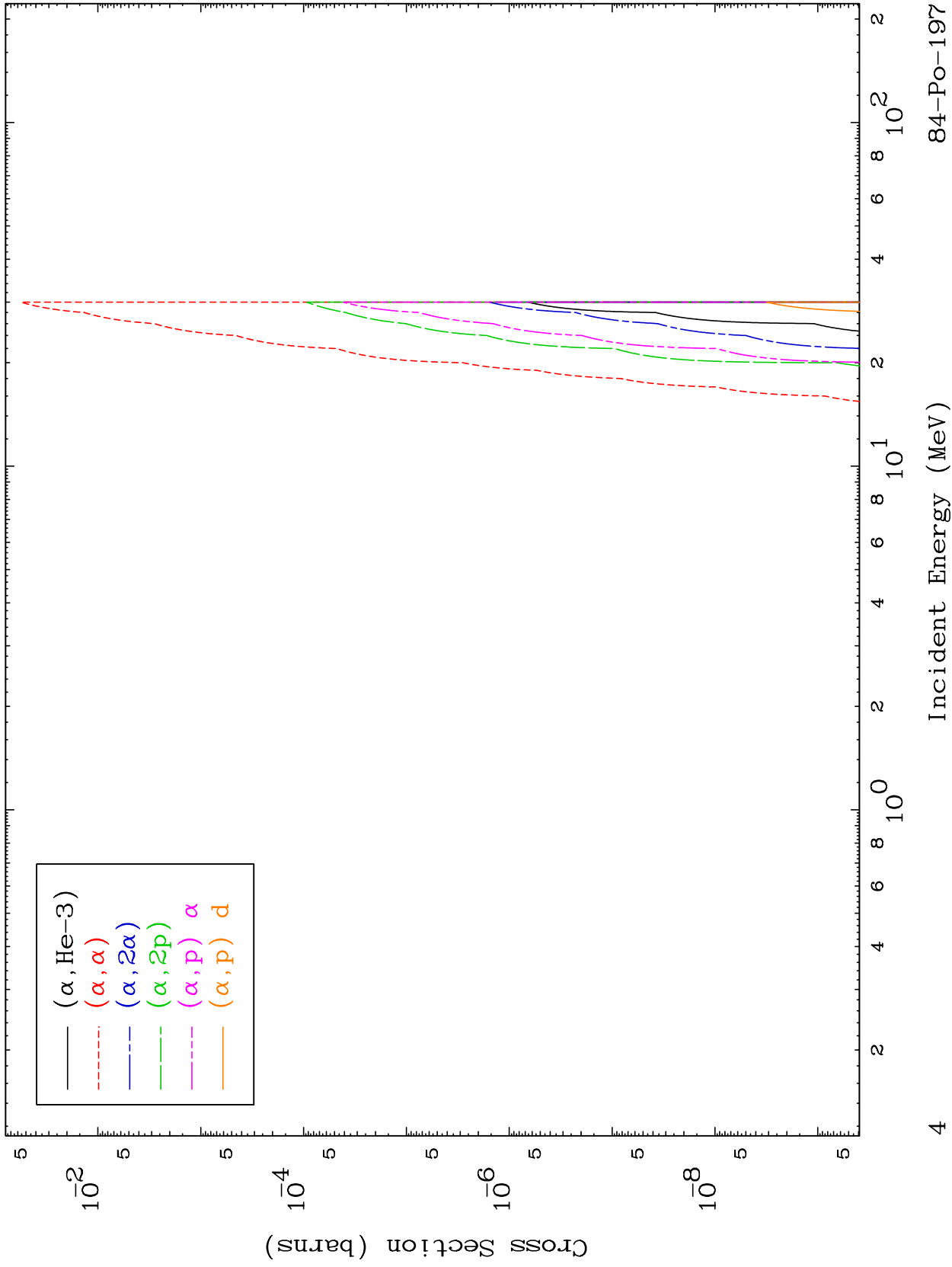
MAT 8399

α Neutron Production
0 Kelvin Cross Sections

84-Po-197



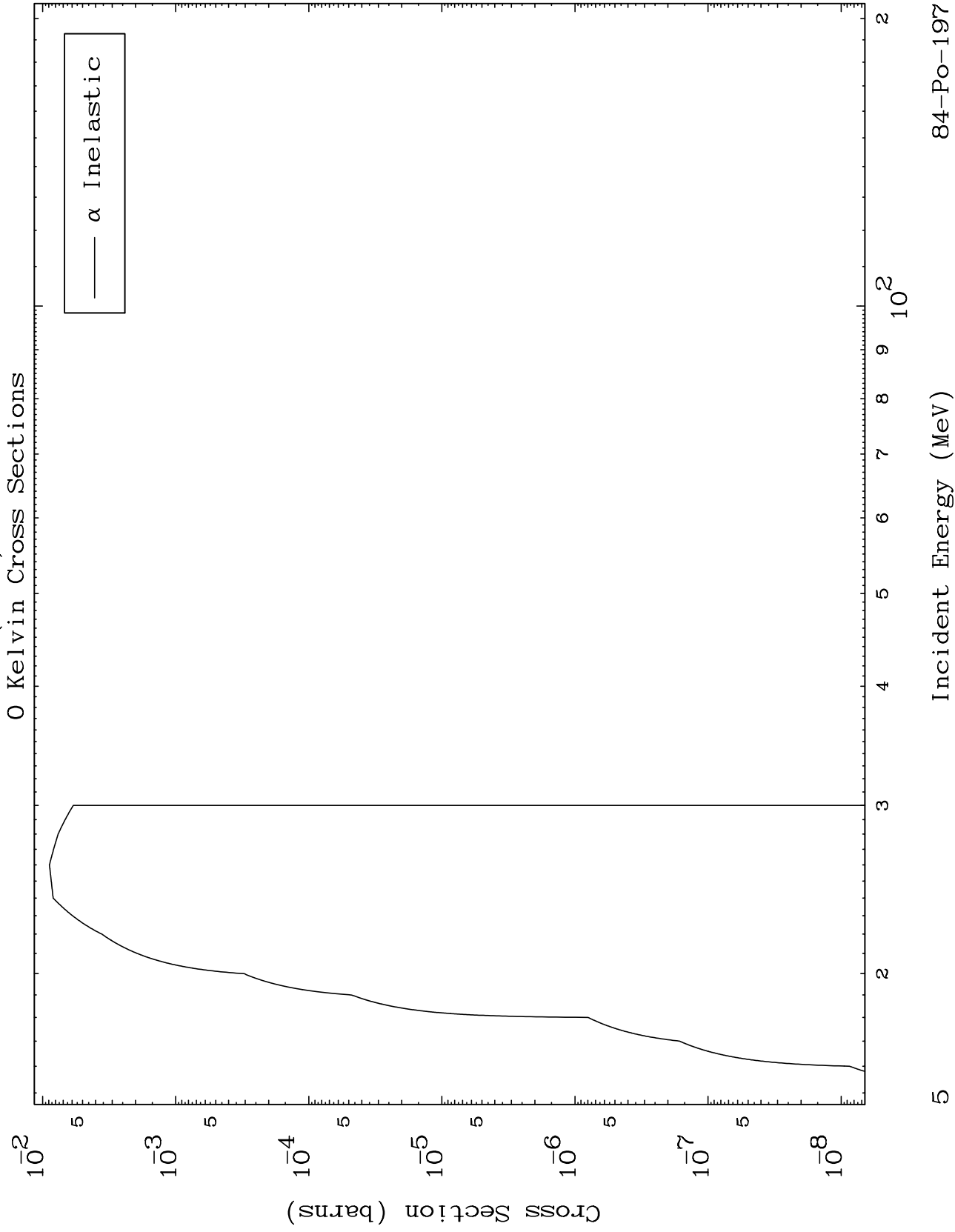




MAT 8399

(α, n') Level

84-Po-197



5

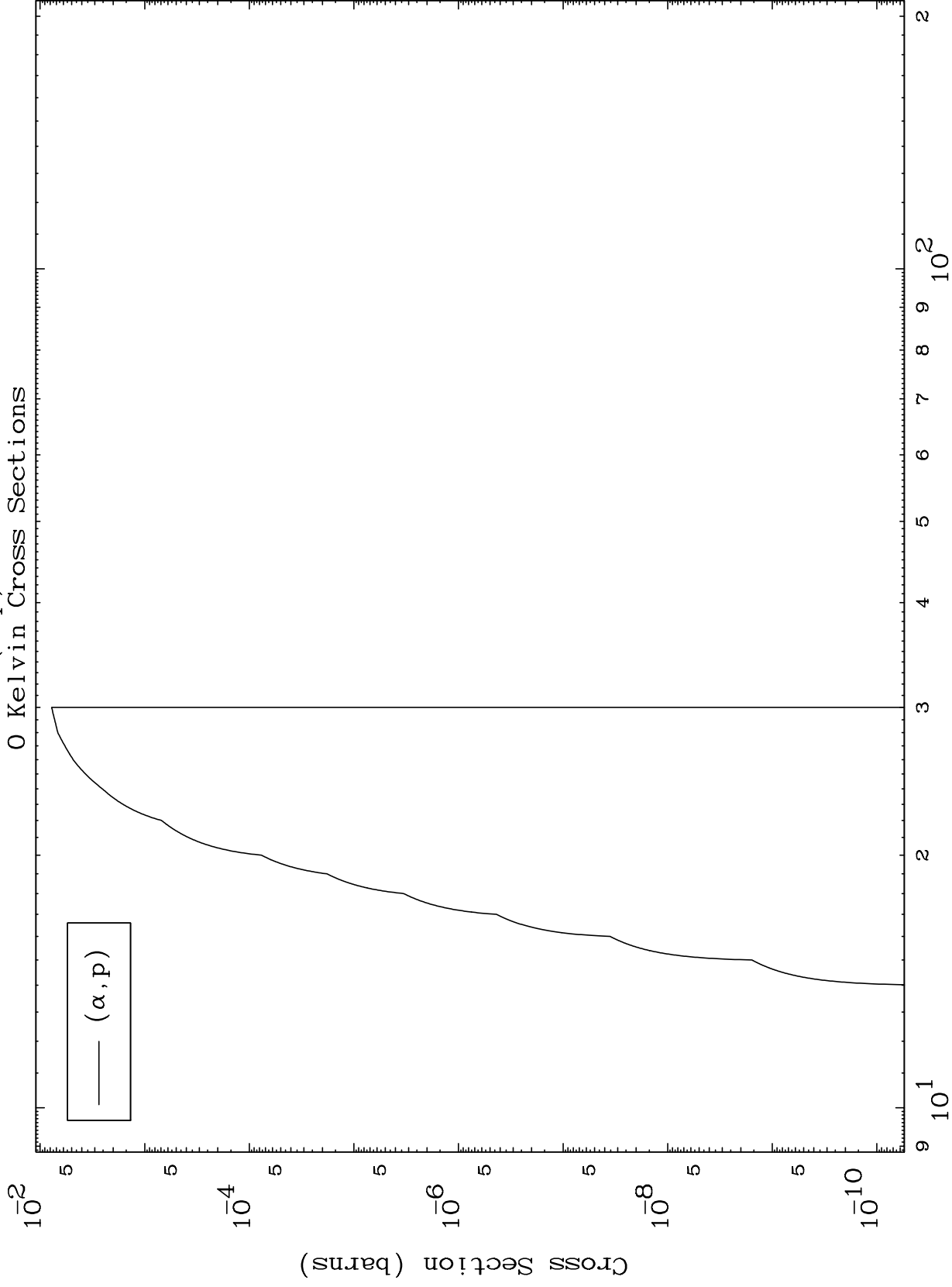
Incident Energy (MeV)

84-Po-197

MAT 8399

(α, p) Levels
0 Kelvin Cross Sections

84-Po-197



Incident Energy (MeV)

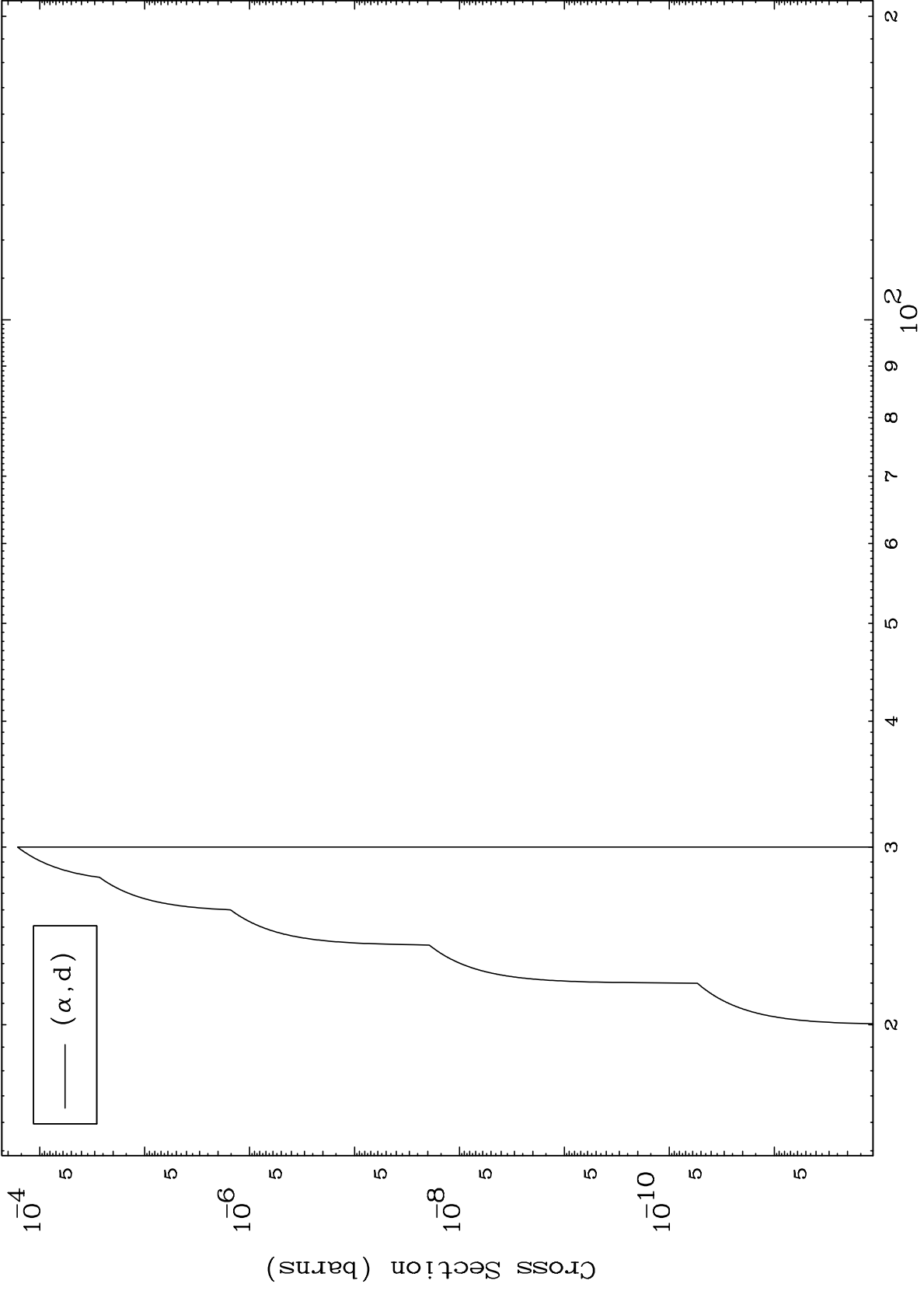
84-Po-197

6

MAT 8399

(α, d) Levels
0 Kelvin Cross Sections

84-Po-197



7

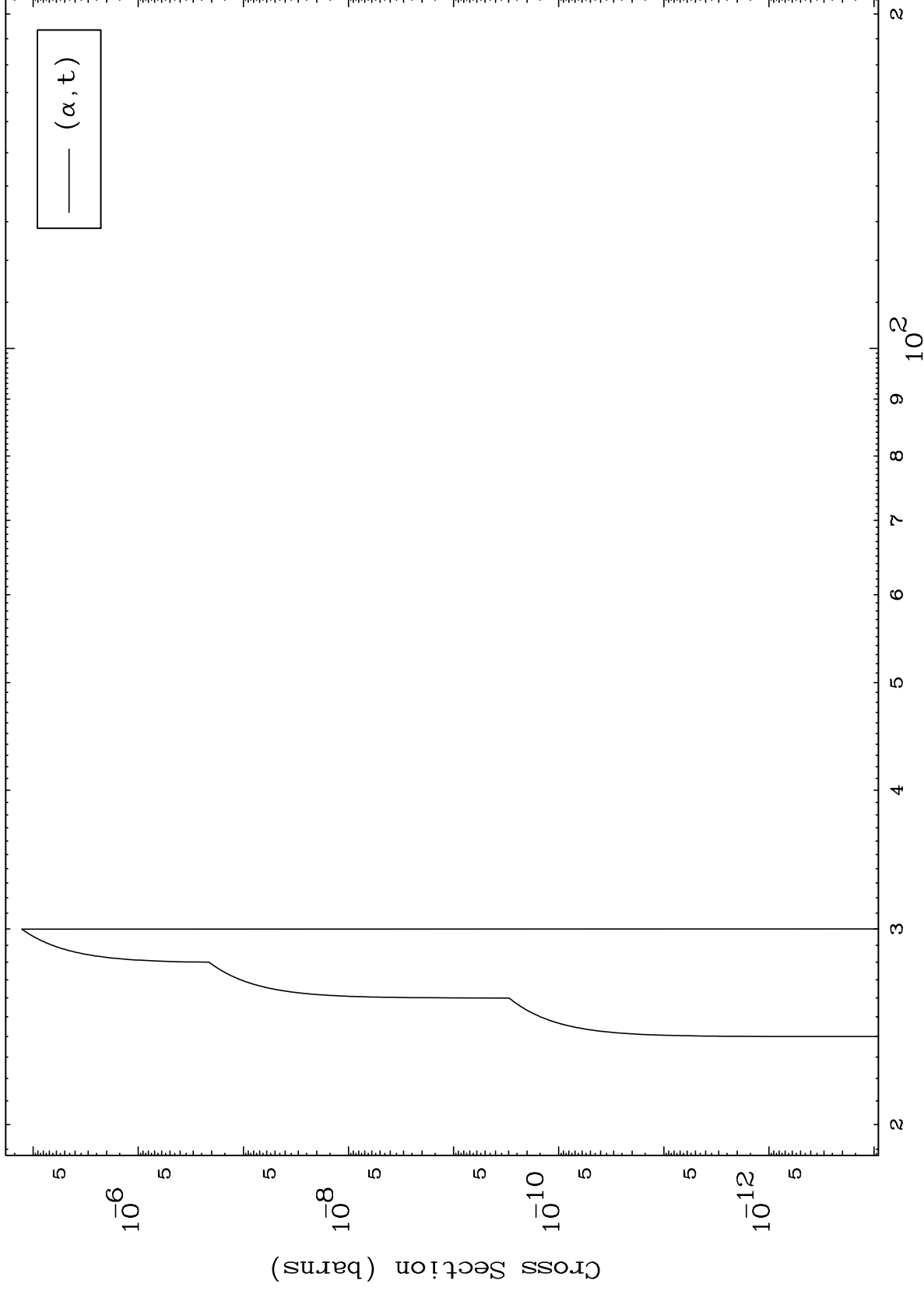
Incident Energy (MeV)

84-Po-197

MAT 8399

(α, t) Levels
0 Kelvin Cross Sections

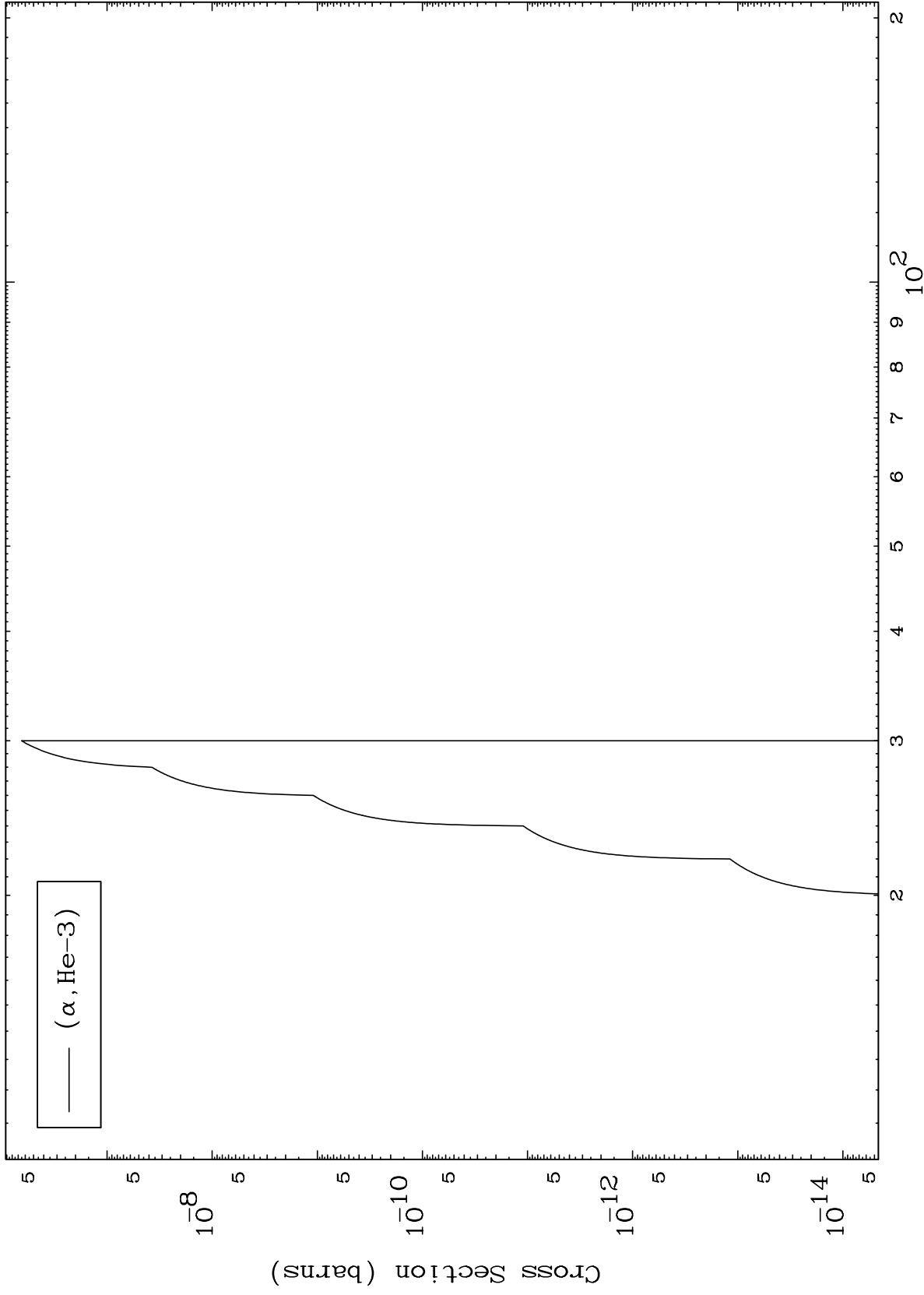
84-Po-197



8

Incident Energy (MeV)

84-Po-197

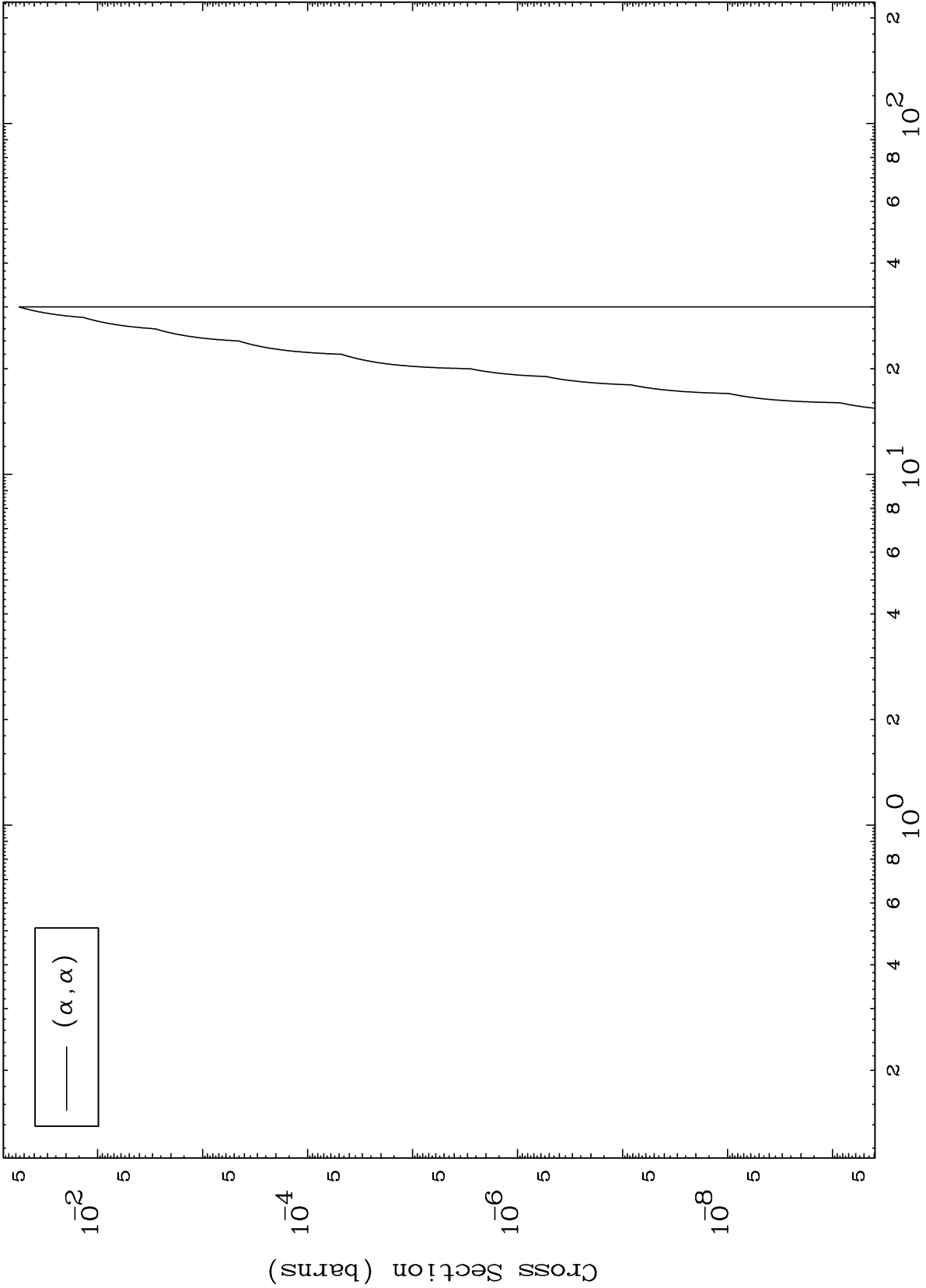


MAT 8399

(α, α) Levels

84-Po-197

0 Kelvin Cross Sections



(α, α)

10

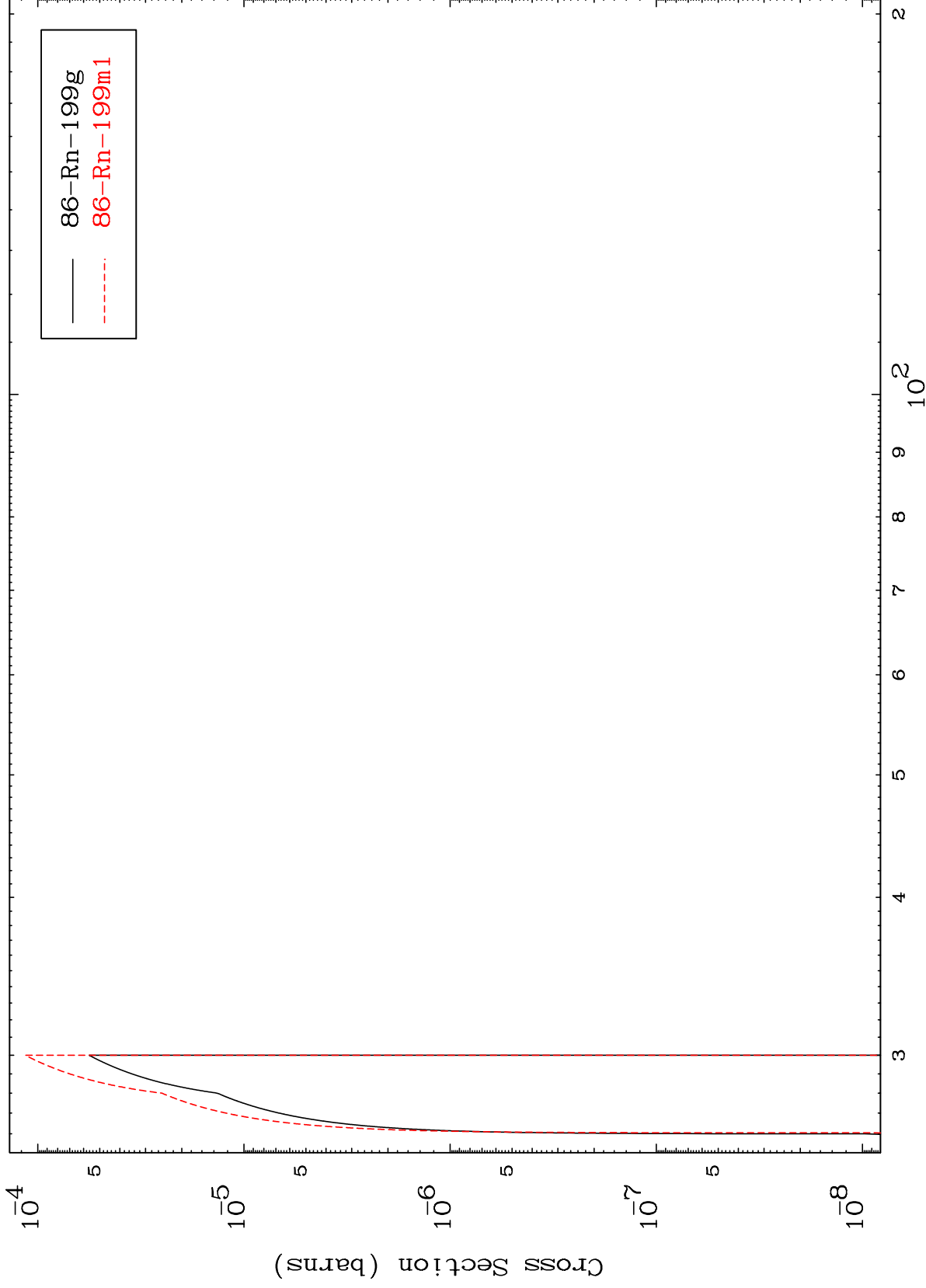
Incident Energy (MeV)

84-Po-197

MAT 8399

84-Po-197

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



11

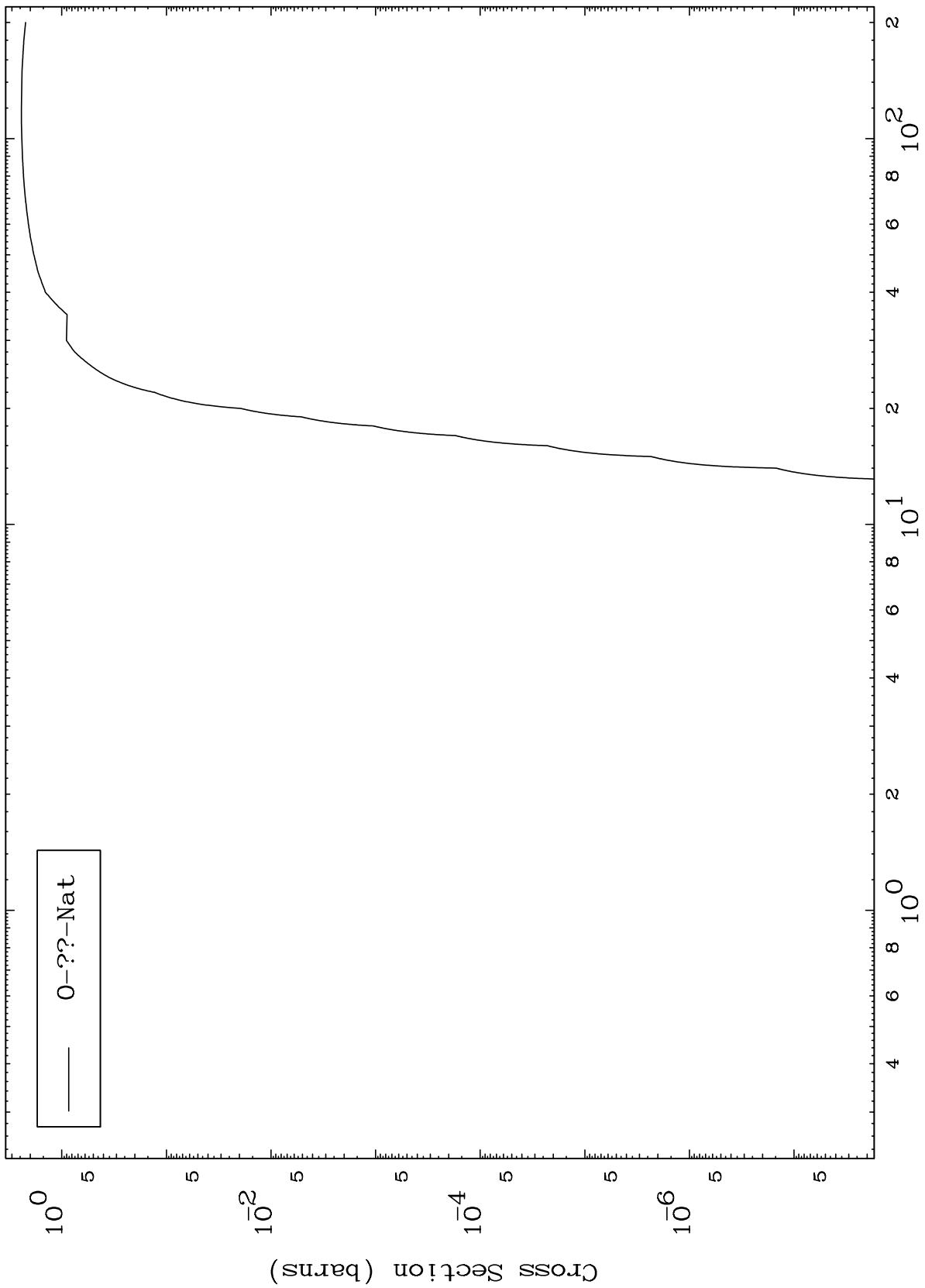
84-Po-197

Incident Energy (MeV)

MAT 8399

84-Po-197

α Fission
Radionuclide Production Cross Section



12

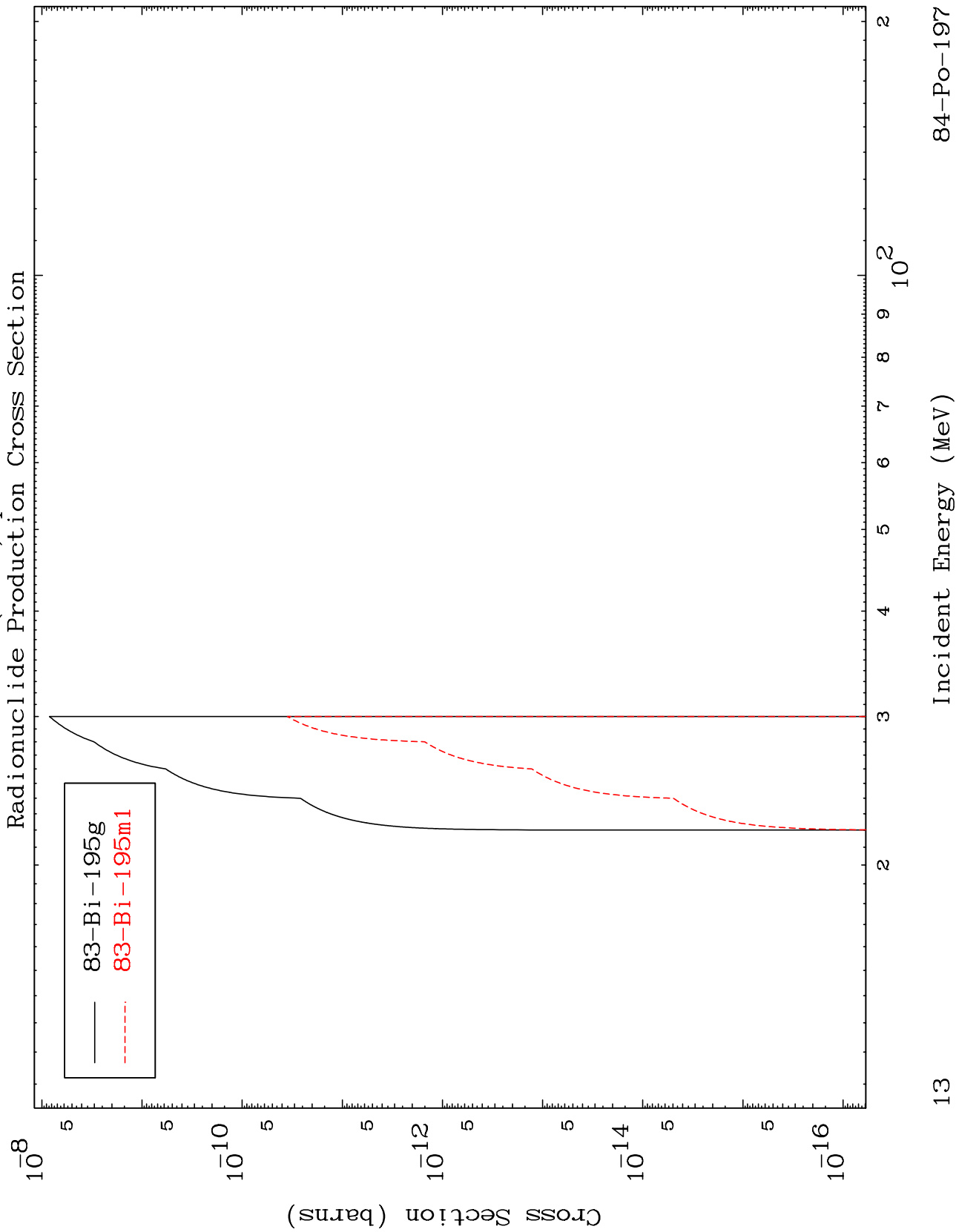
84-Po-197

Incident Energy (MeV)

MAT 8399

(α, n') p α

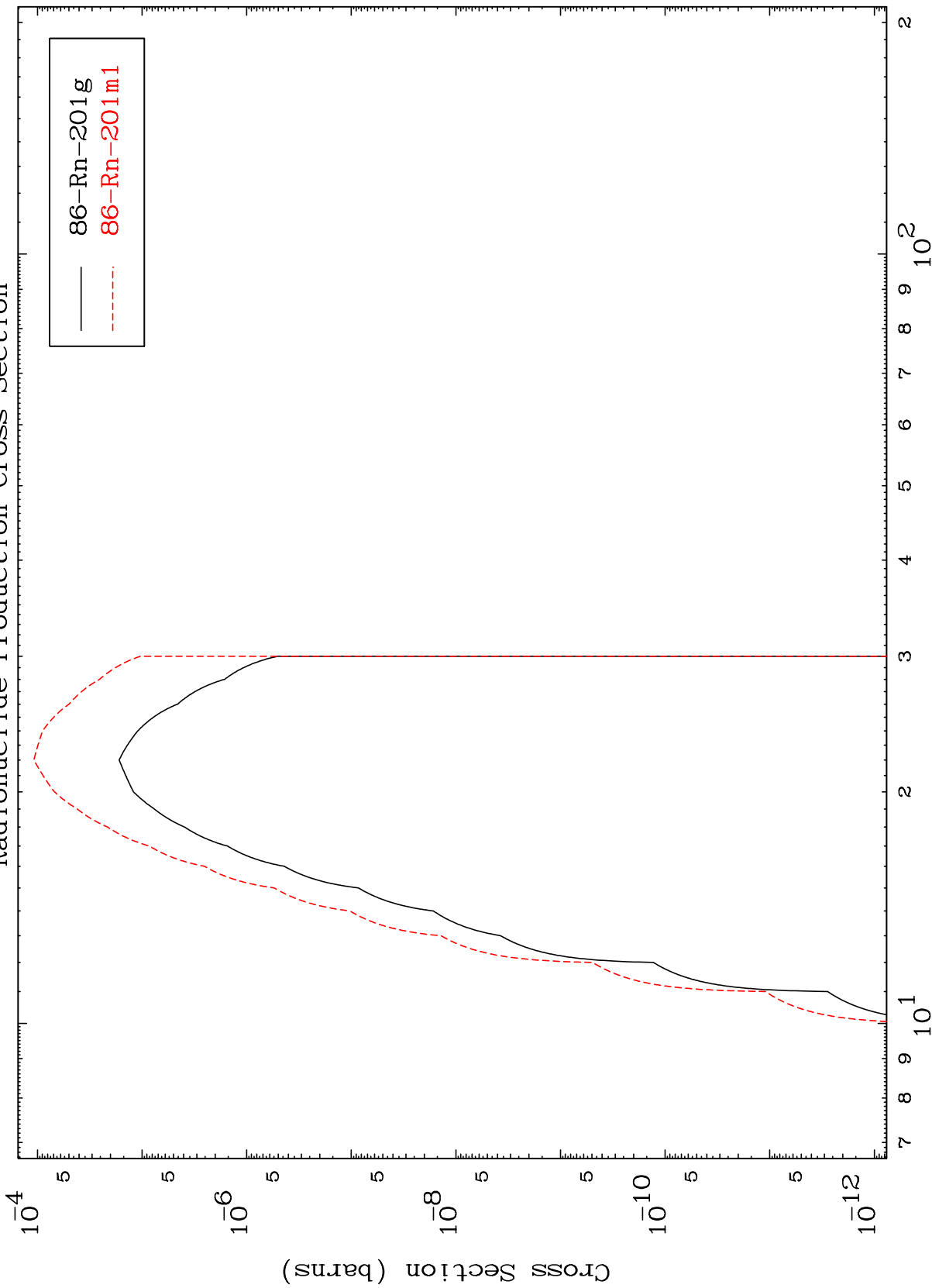
84-Po-197



MAT 8399

84-Po-197

(α, γ)
Radionuclide Production Cross Section



14

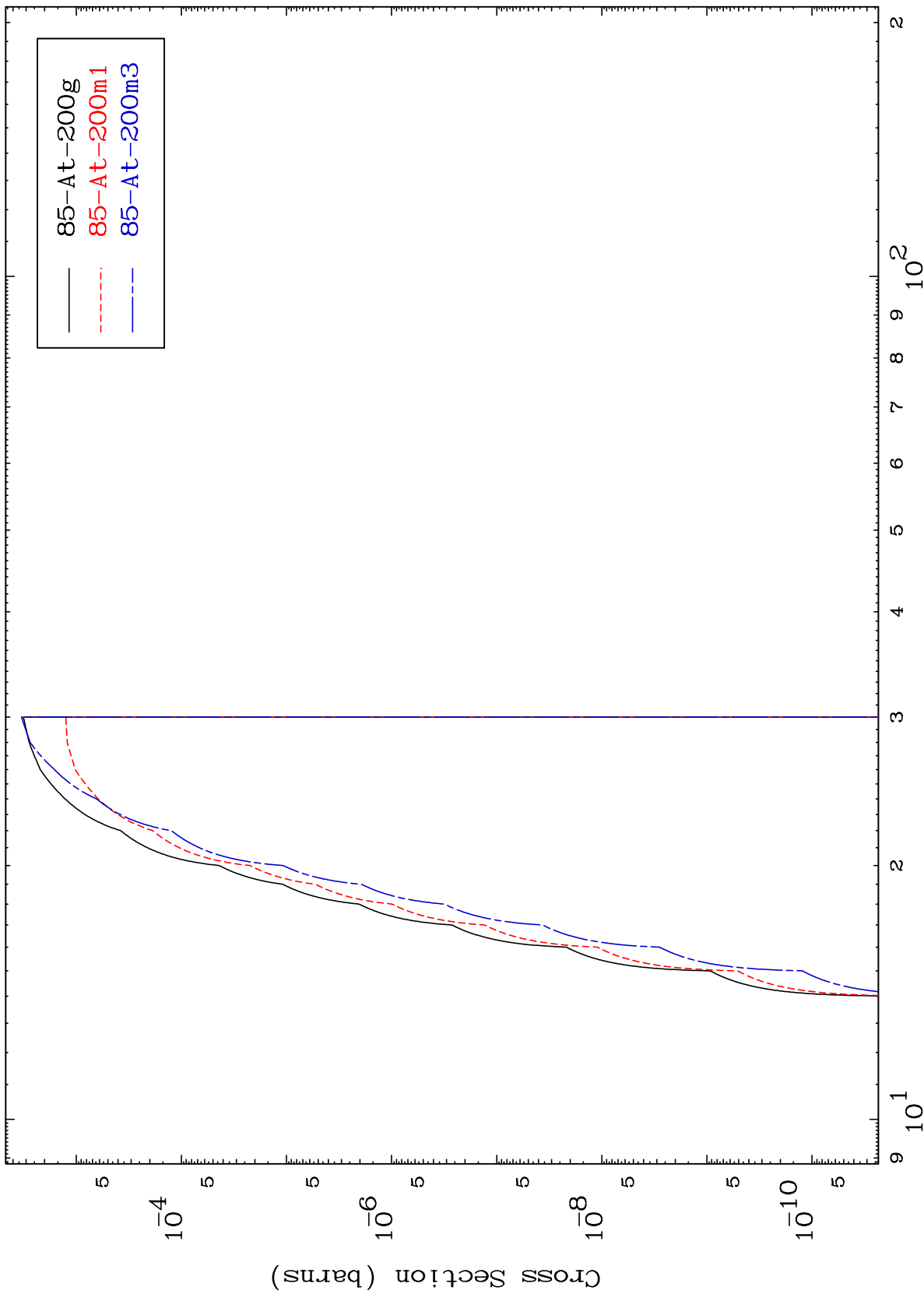
Incident Energy (MeV)

84-Po-197

MAT 8399

84-Po-197

(α, p)
Radionuclide Production Cross Section

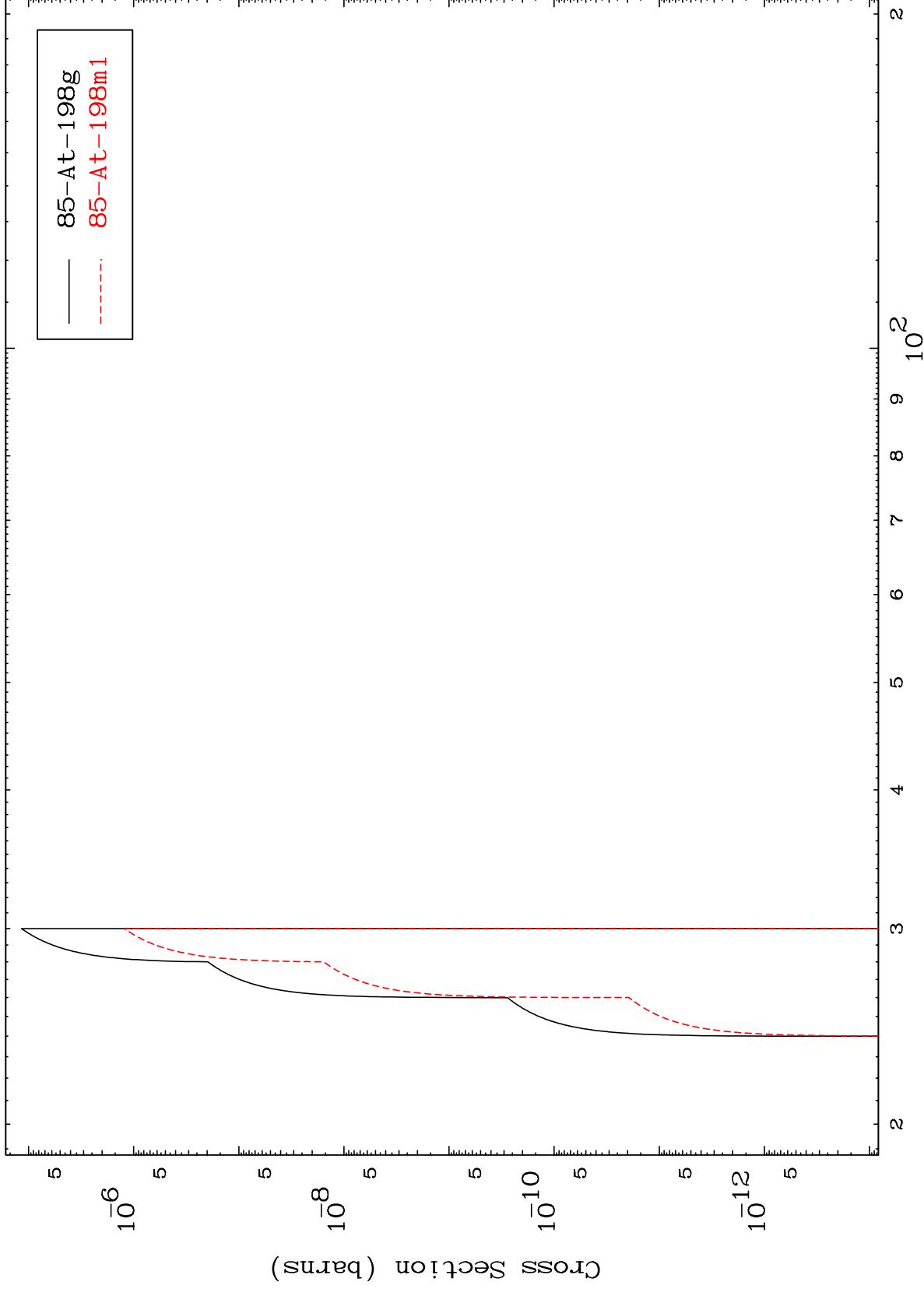


84-Po-197

Incident Energy (MeV)

15

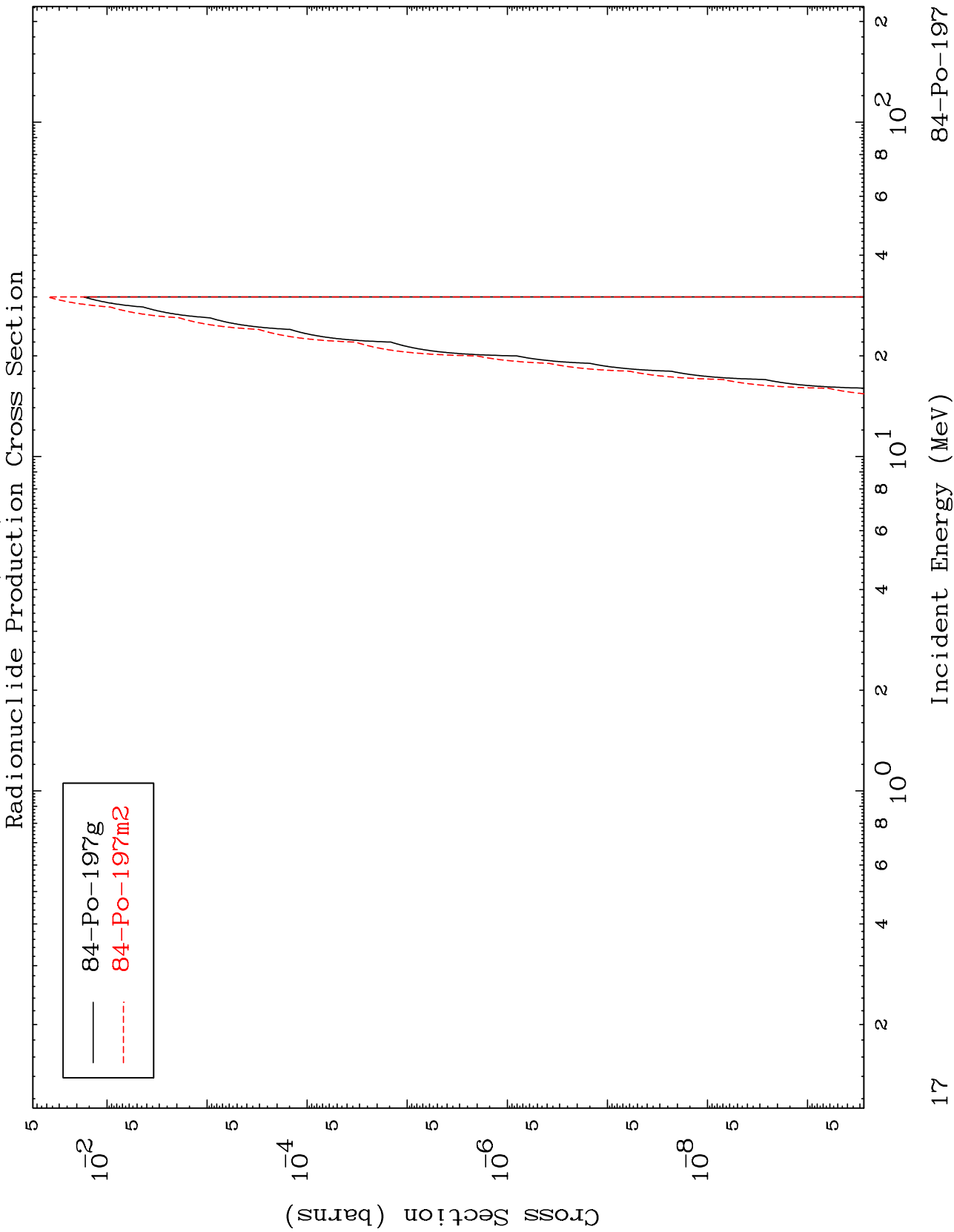
Radionuclide Production Cross Section



MAT 8399

84-Po-197

(α, α)



84-Po-197

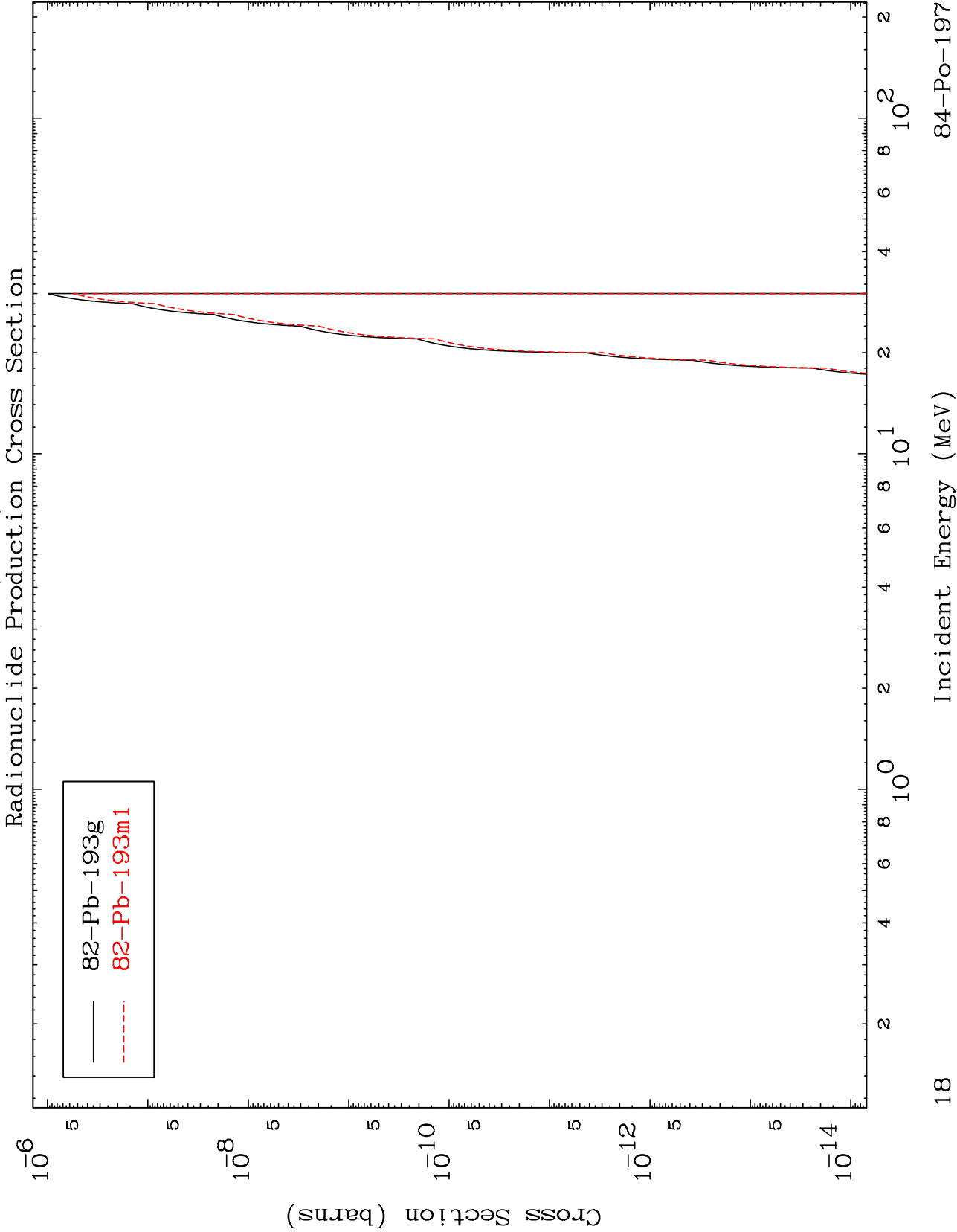
Incident Energy (MeV)

17

MAT 8399

($\alpha, 2\alpha$)

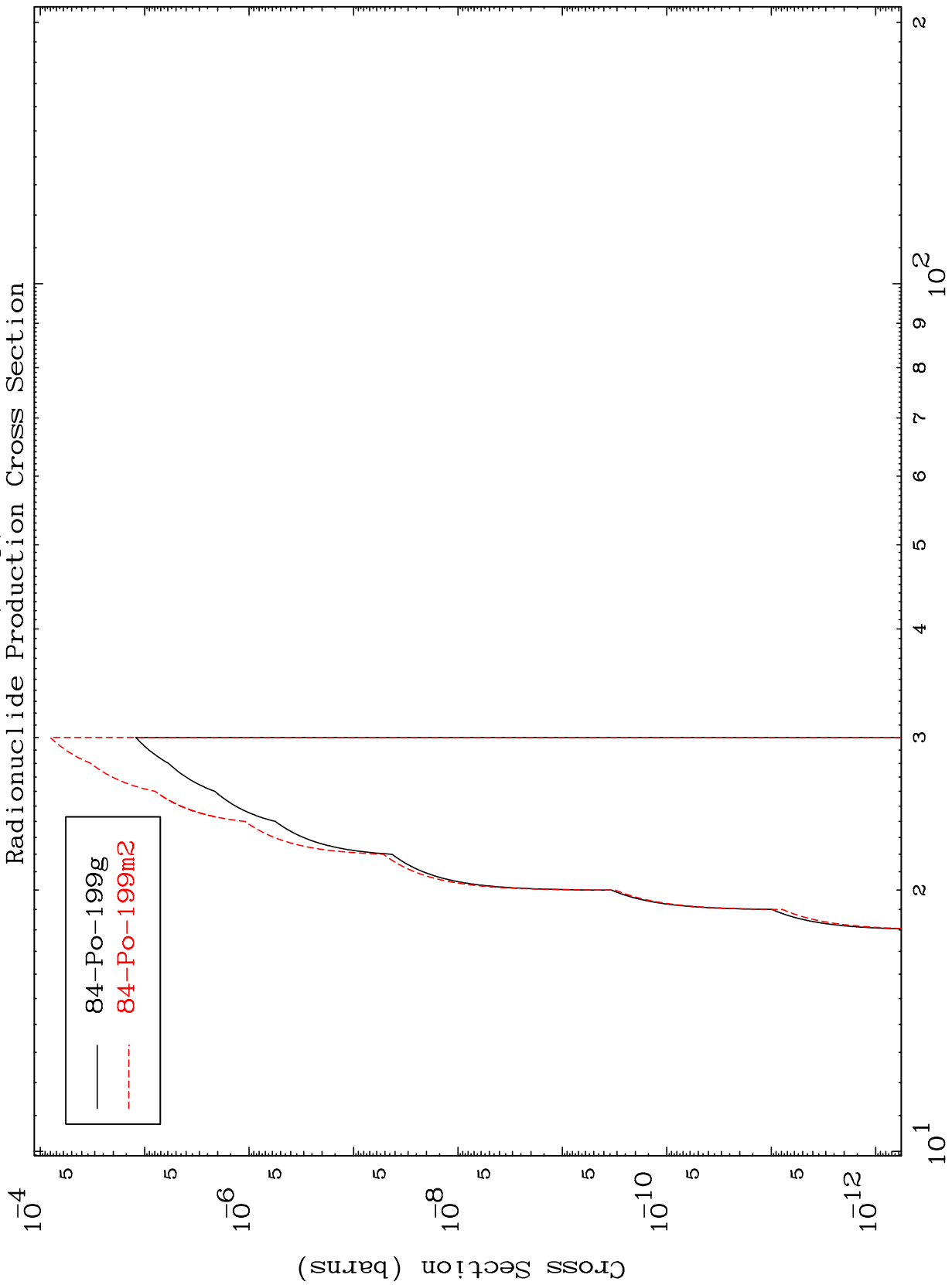
84-Po-197



MAT 8399

84-Po-197

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



84-Po-199g
84-Po-199m2

84-Po-197

Incident Energy (MeV)

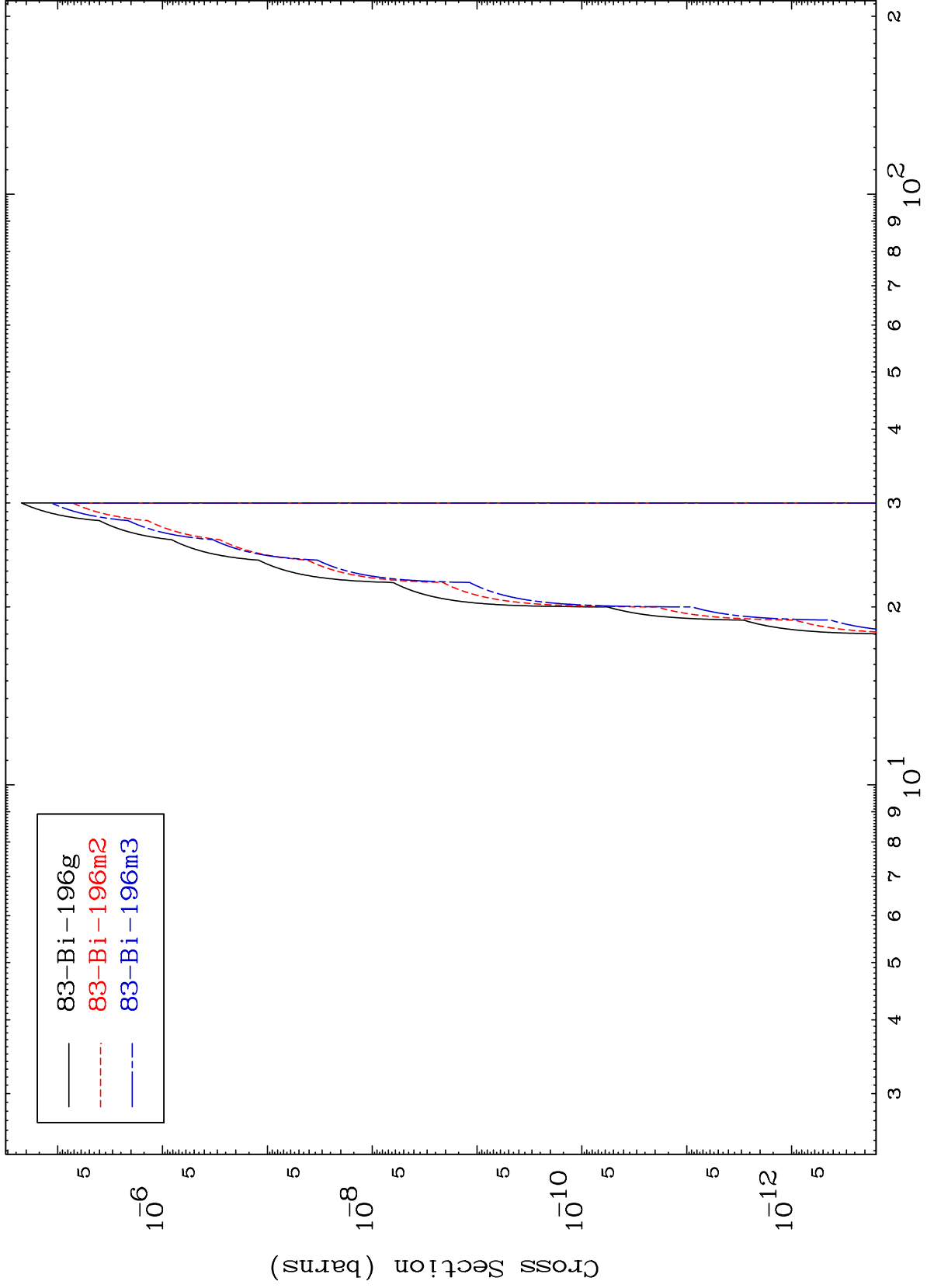
19

MAT 8399

(α, p) α

84-Po-197

Radionuclide Production Cross Section



20

Incident Energy (MeV)

84-Po-197

MAT 8399

(α, d) α

84-Po-197

Radionuclide Production Cross Section

