

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

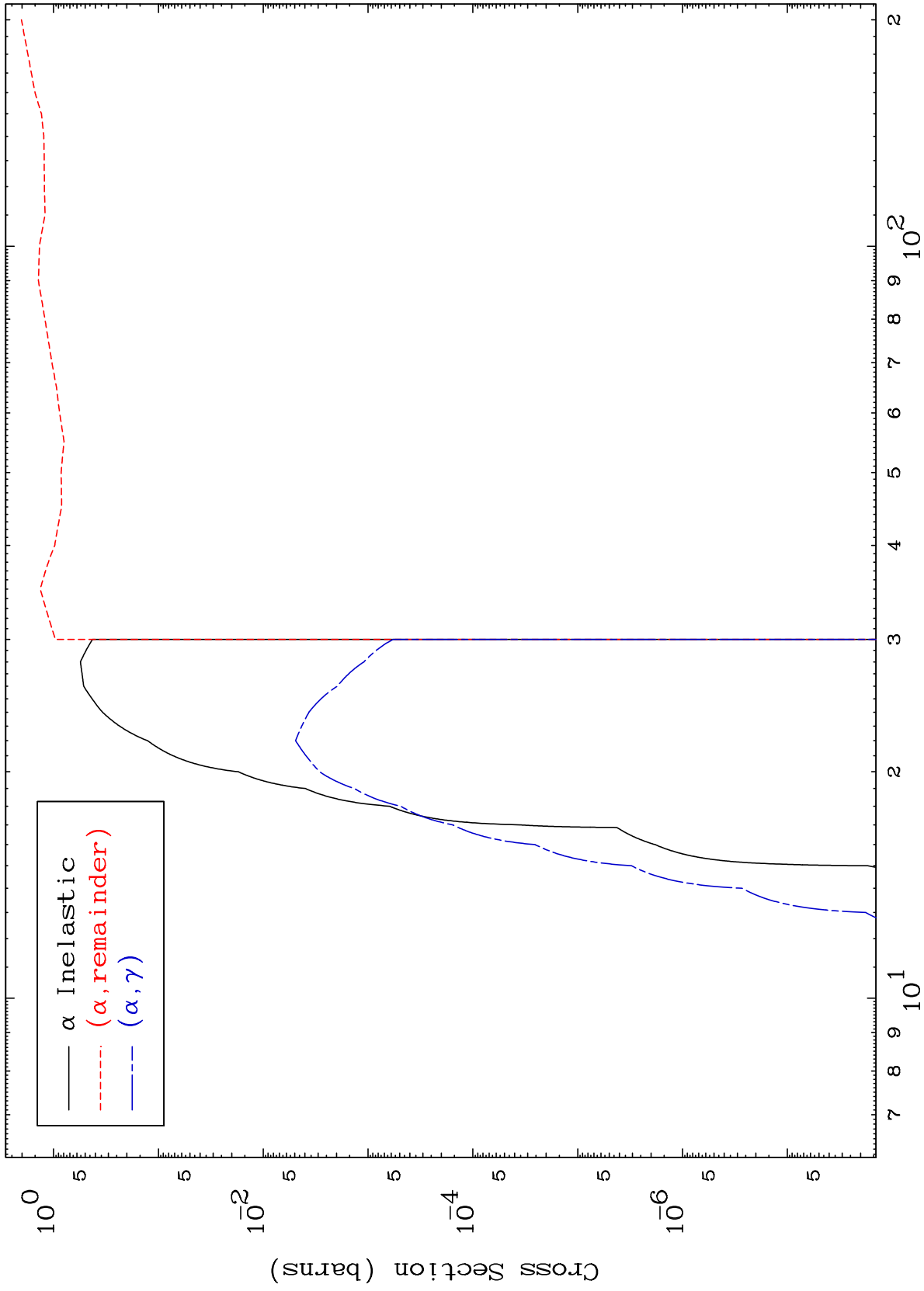
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8405

0 Kelvin α Major
Cross Sections

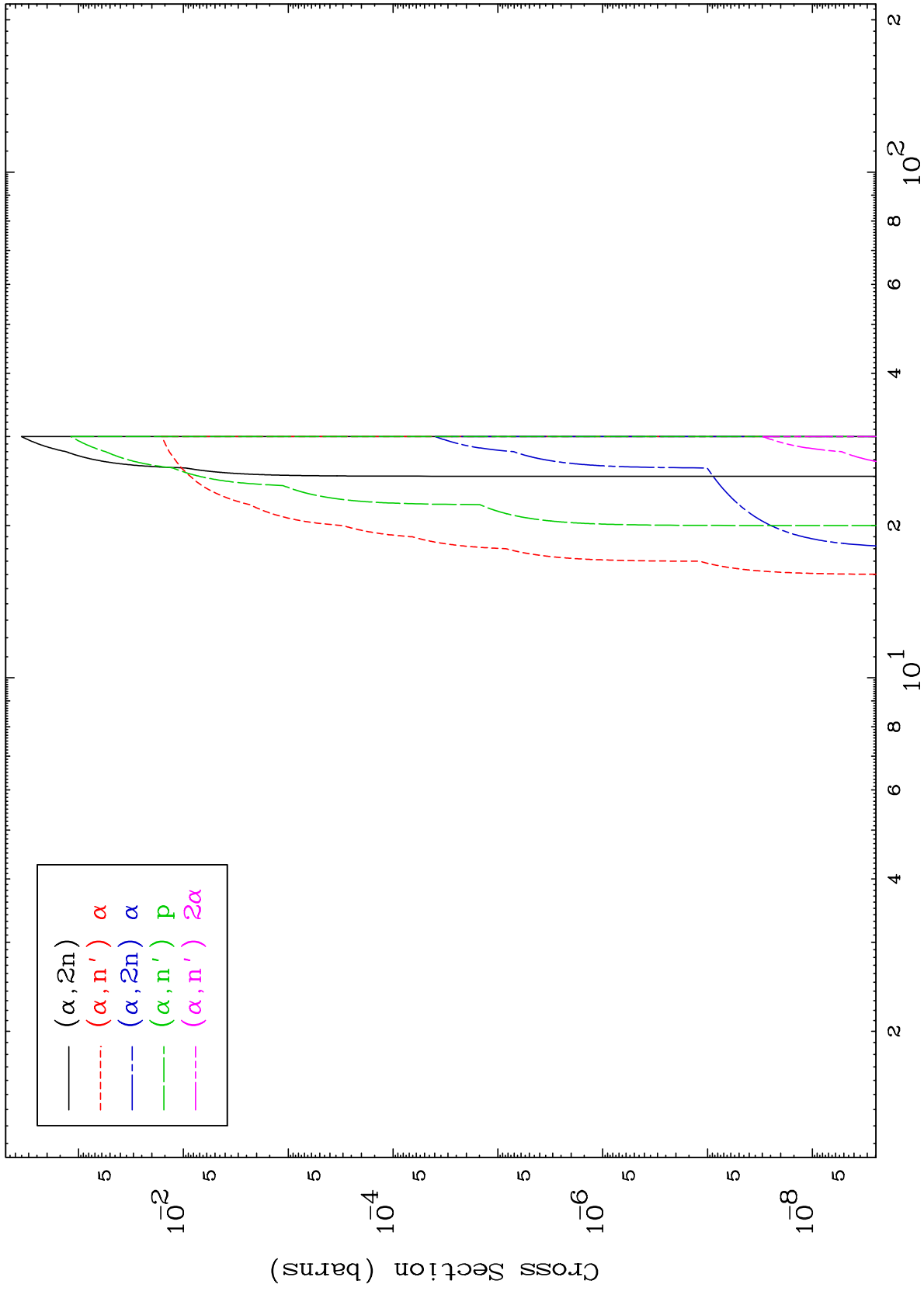
84-Po-199



MAT 8405

α Neutron Production
0 Kelvin Cross Sections

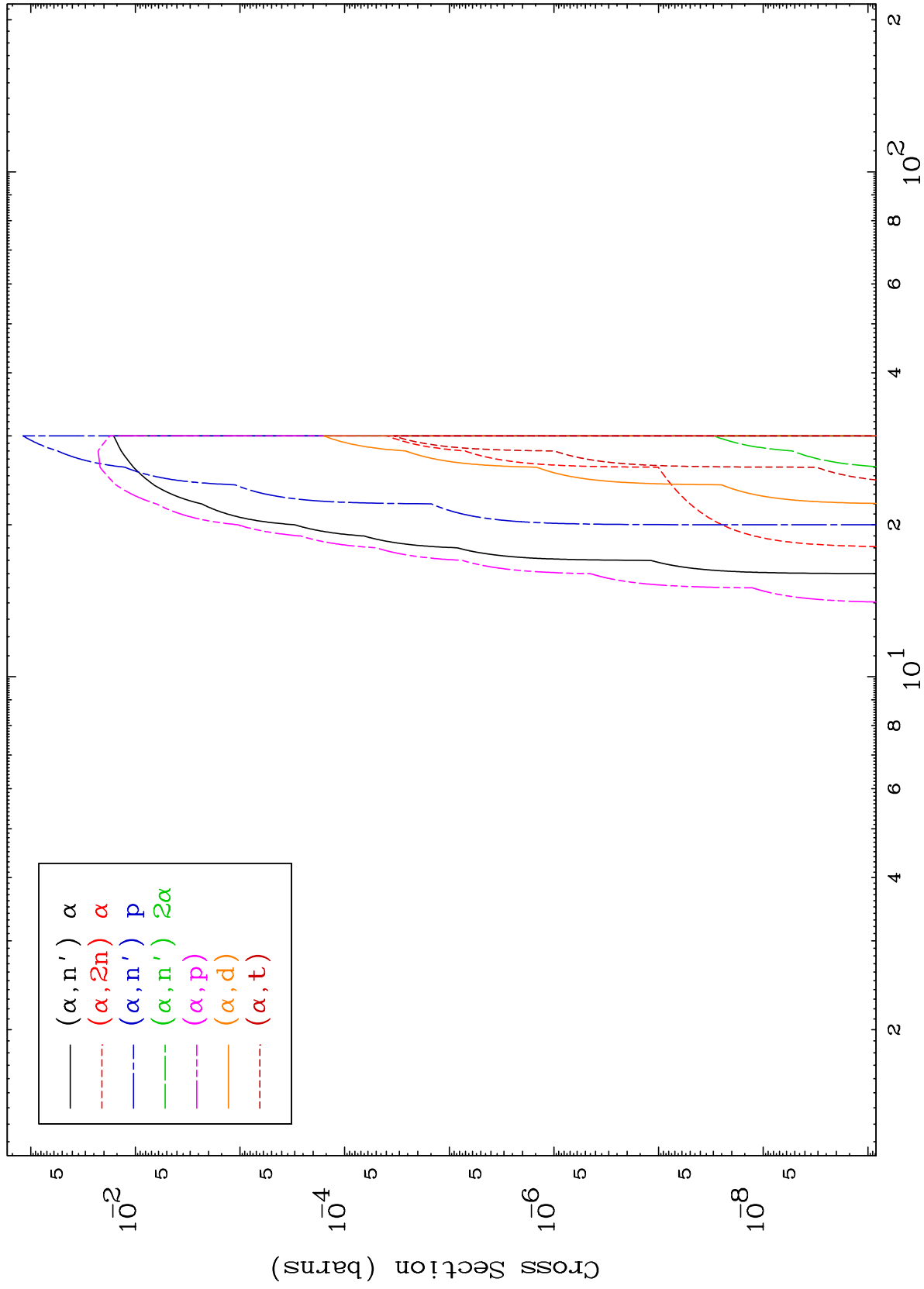
84-Po-199



2

Incident Energy (MeV)

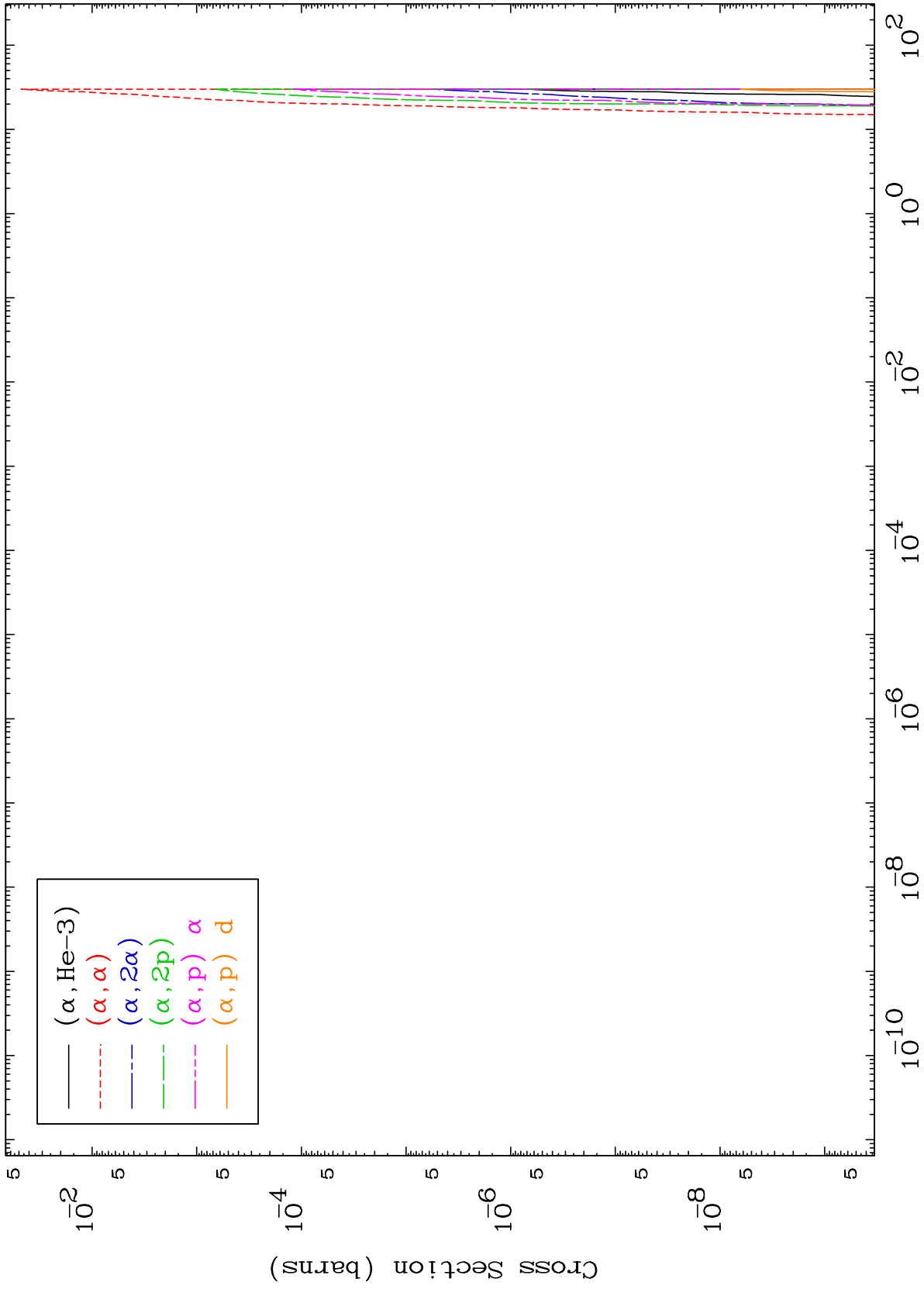
84-Po-199



MAT 8405

α Charged Particle
0 Kelvin Cross Sections

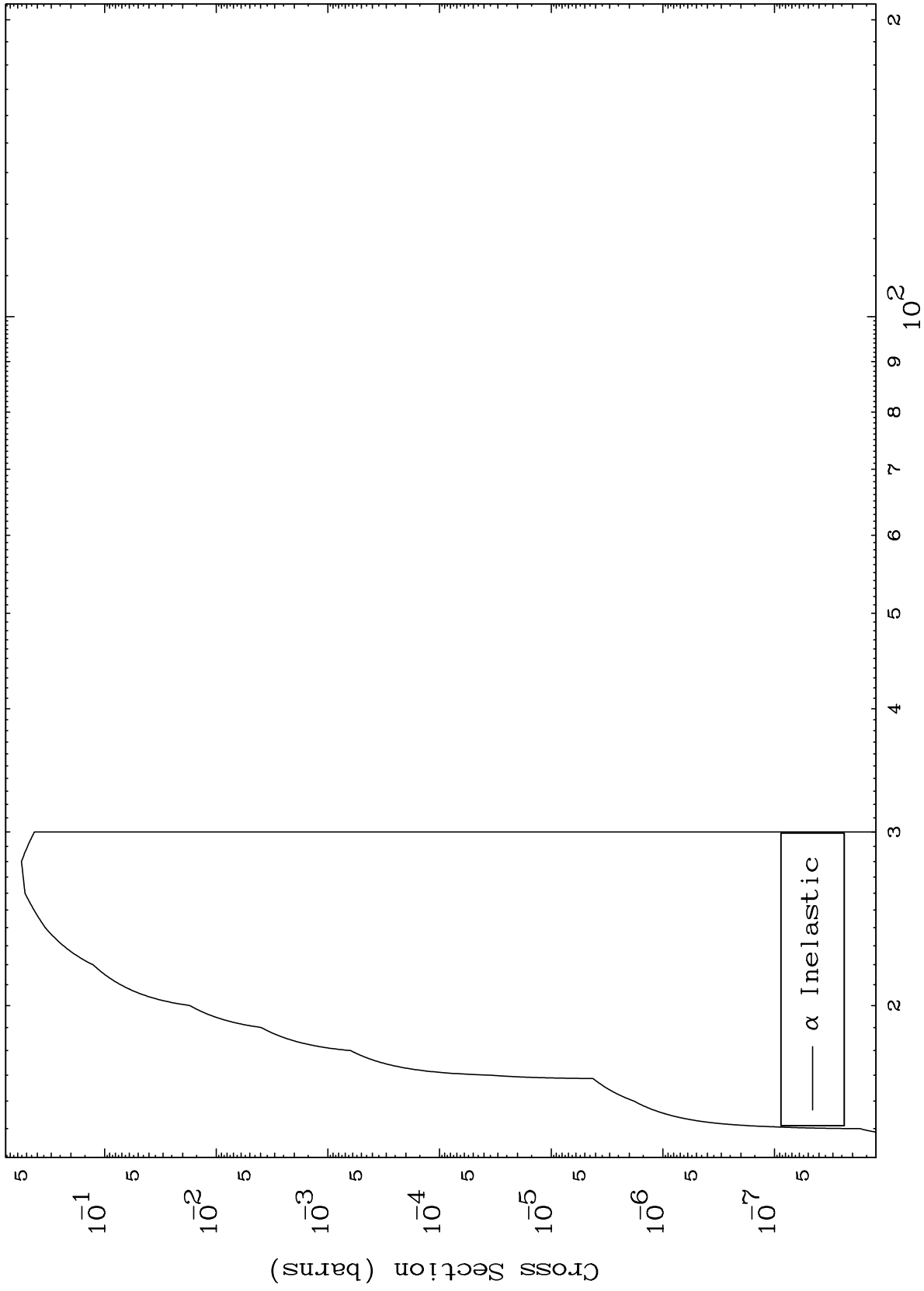
84-Po-199



4

Incident Energy (MeV)

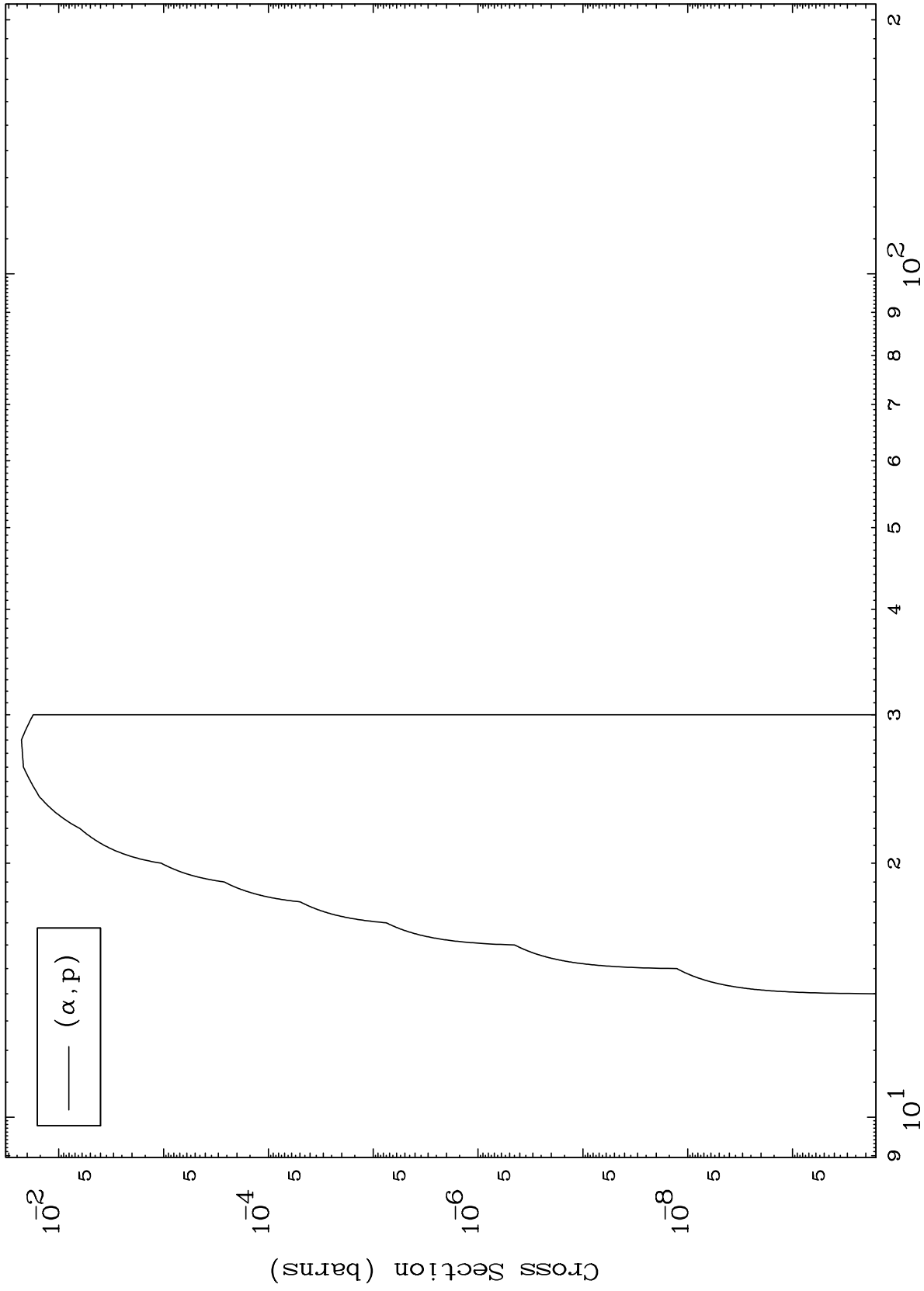
84-Po-199



MAT 8405

(α, p) Levels
0 Kelvin Cross Sections

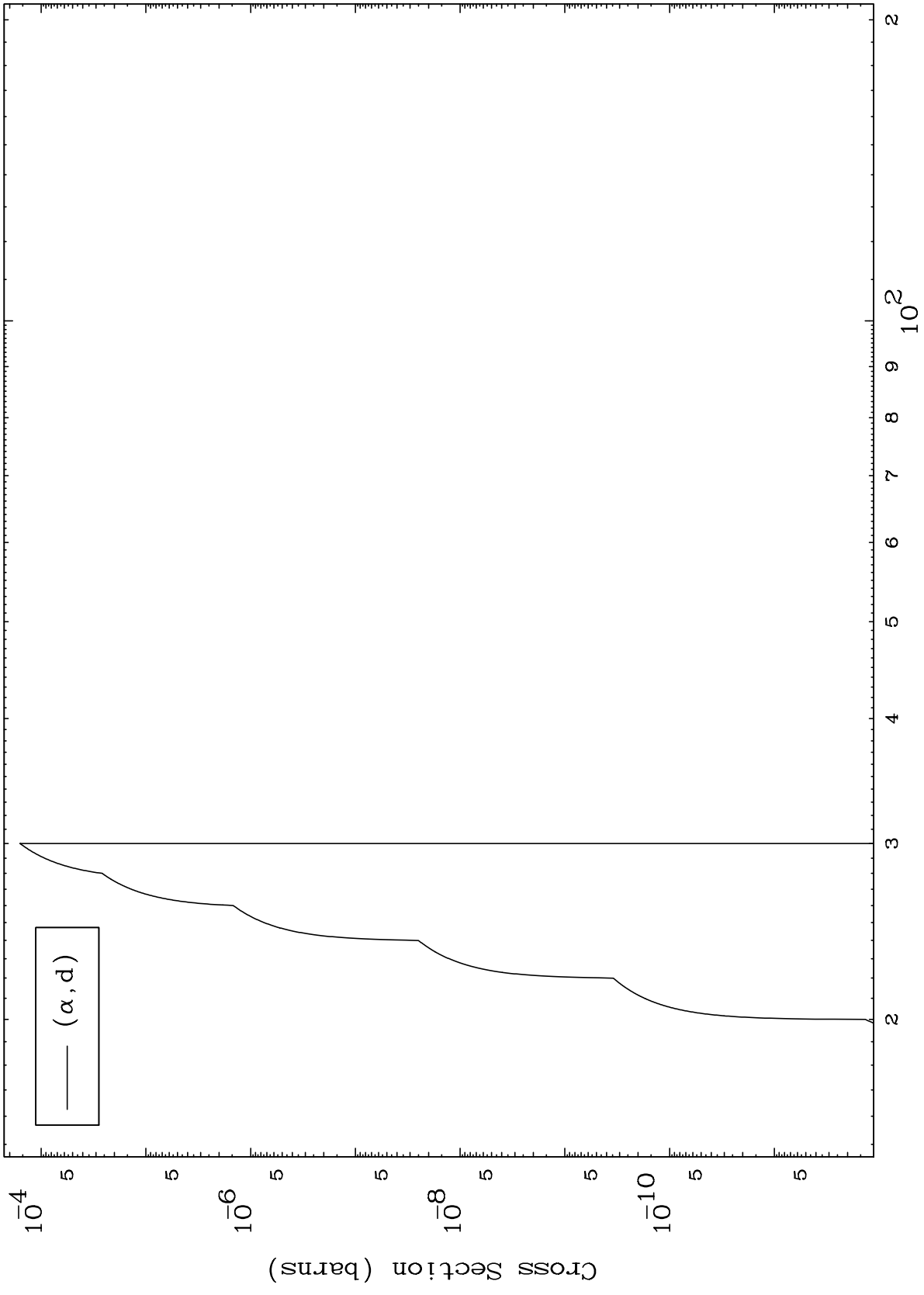
84-Po-199



MAT 8405

(α, d) Levels
0 Kelvin Cross Sections

84-Po-199



7

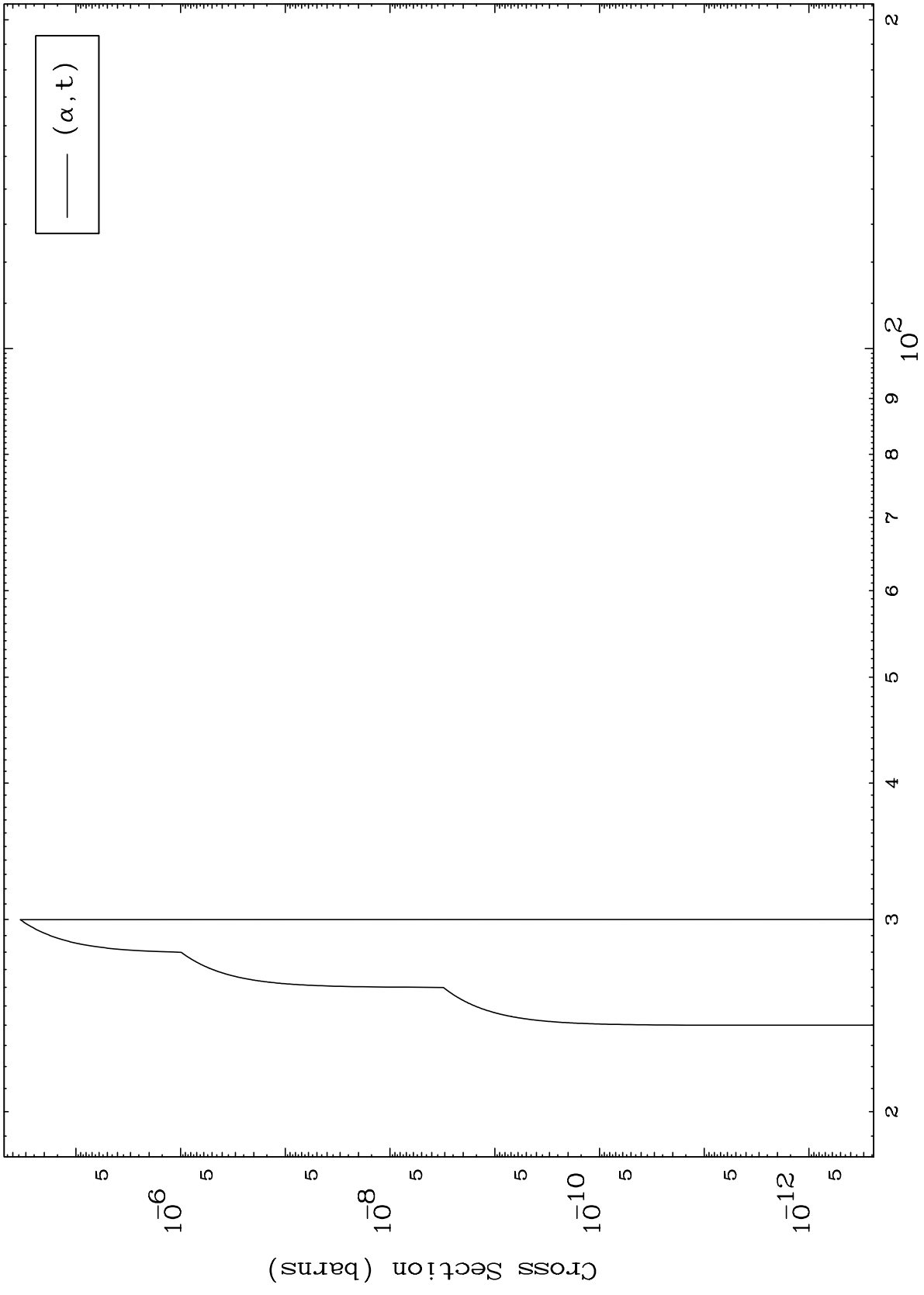
Incident Energy (MeV)

84-Po-199

MAT 8405

(α, t) Levels
0 Kelvin Cross Sections

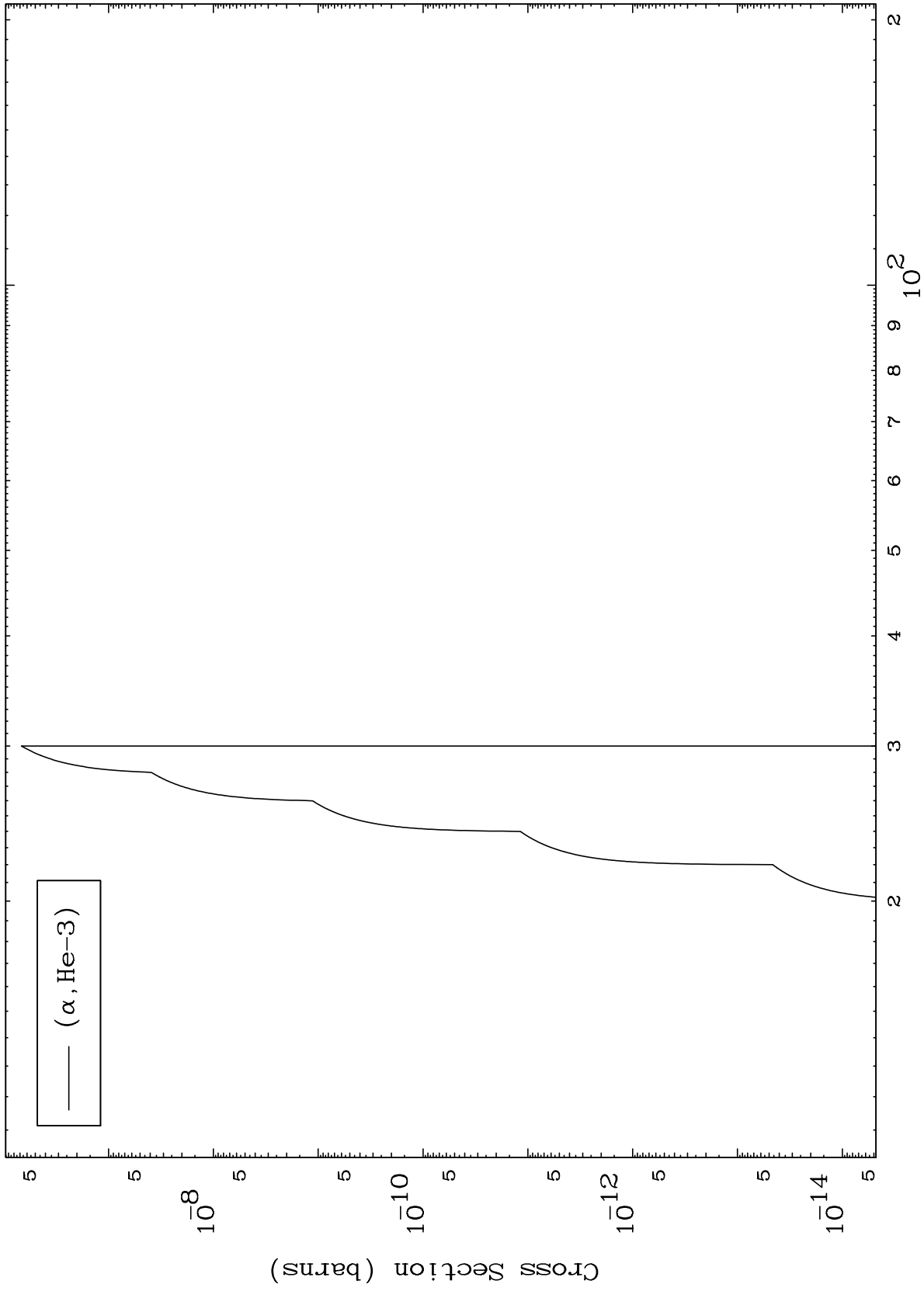
84-Po-199



8

Incident Energy (MeV)

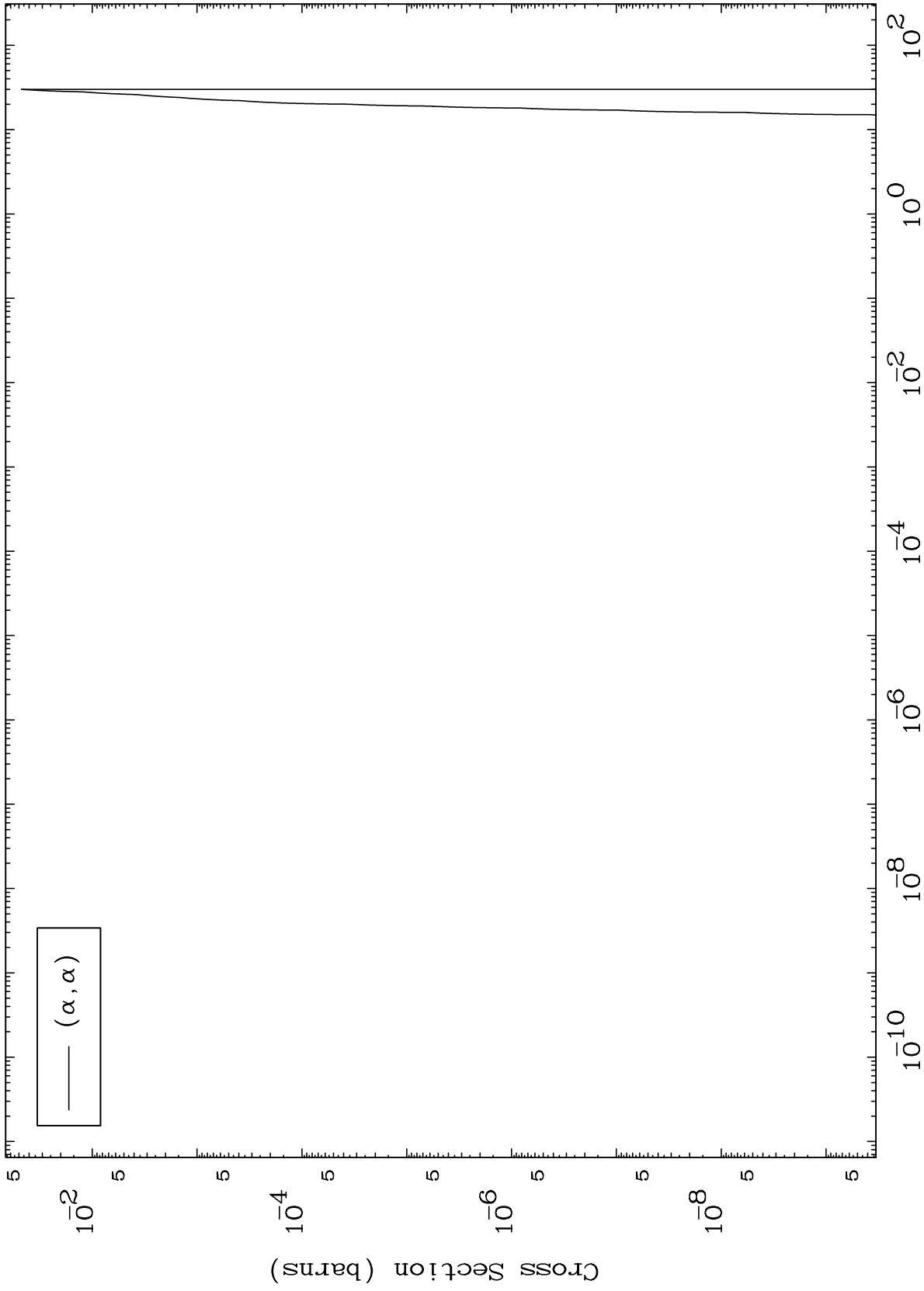
84-Po-199



MAT 8405

(α, α) Levels
0 Kelvin Cross Sections

84-Po-199



10

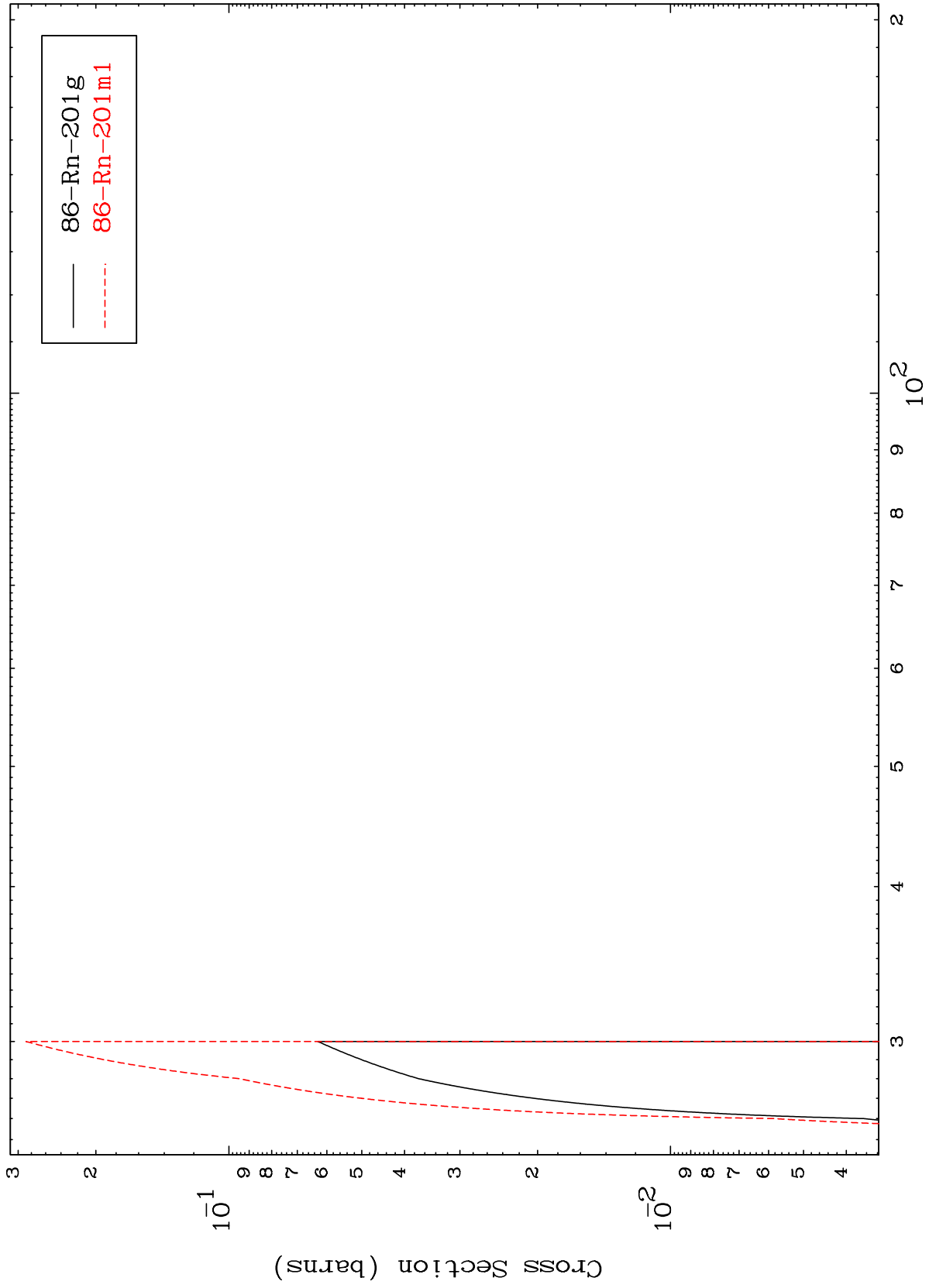
Incident Energy (MeV)

84-Po-199

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84-Po-199

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



84-Po-199

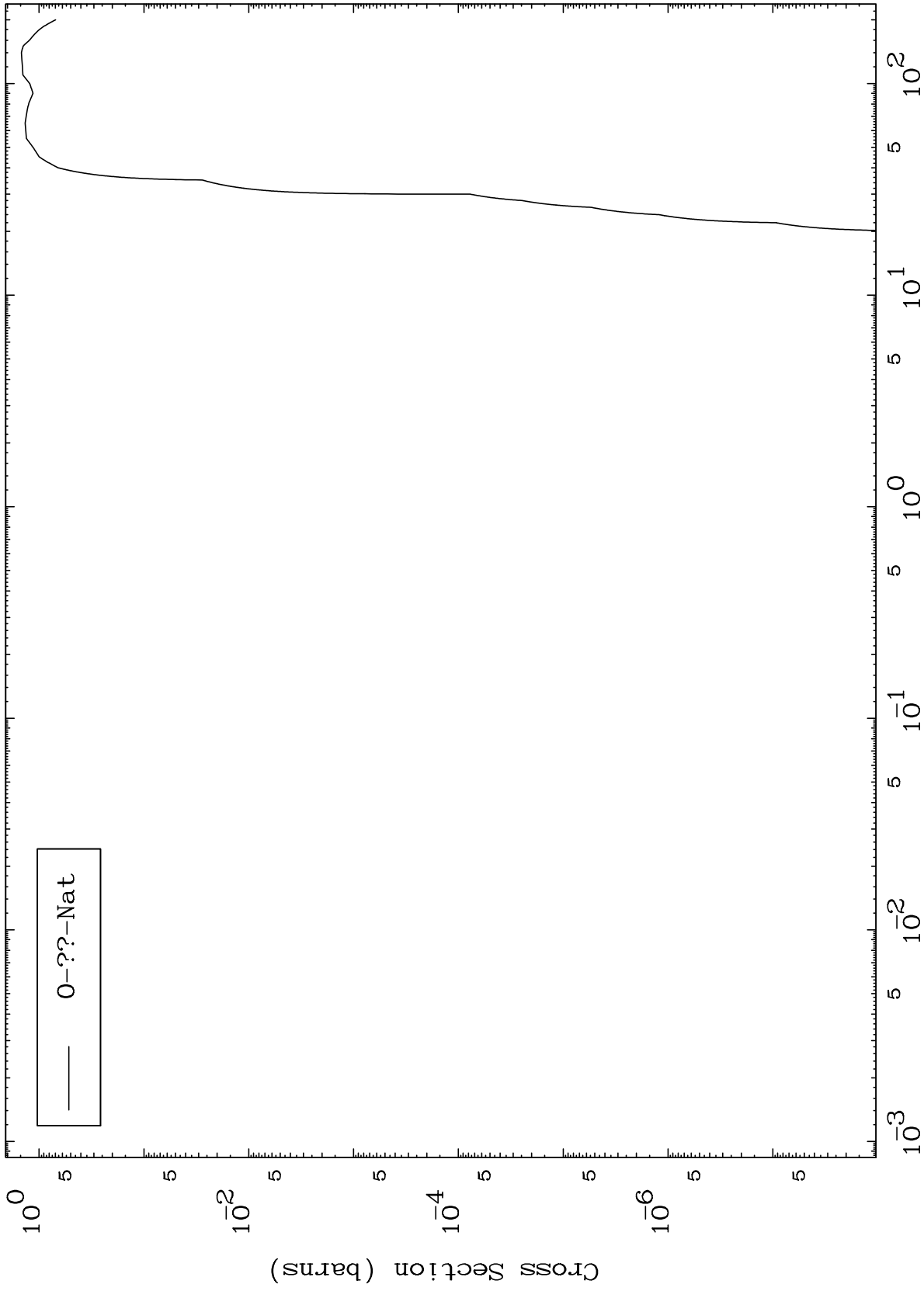
Incident Energy (MeV)

11

MAT 8405

α Fission
Radionuclide Production Cross Section

84-Po-199



12

Incident Energy (MeV)

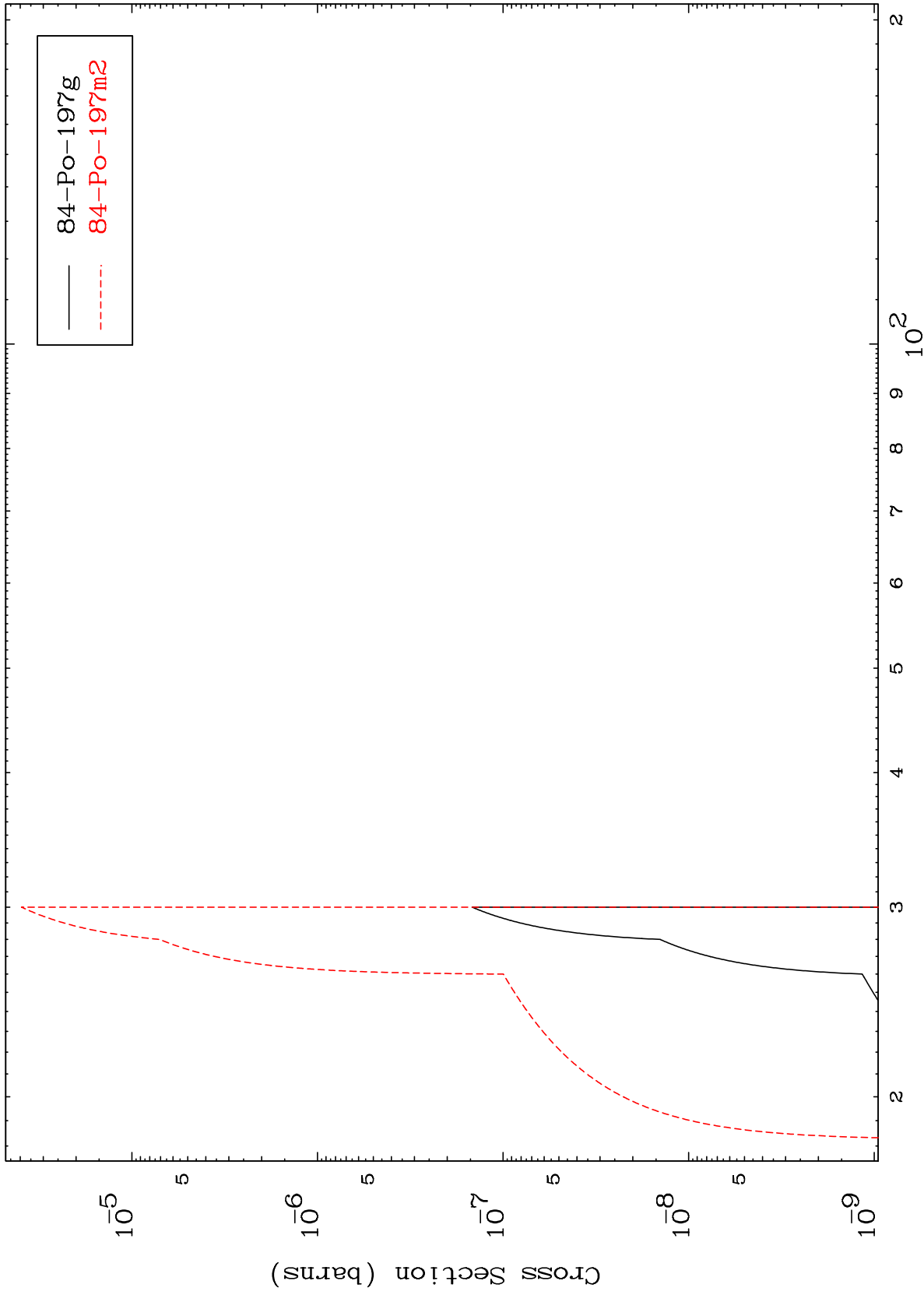
84-Po-199

MAT 8405

$(\alpha, 2n) \alpha$

84-Po-199

Radionuclide Production Cross Section



13

Incident Energy (MeV)

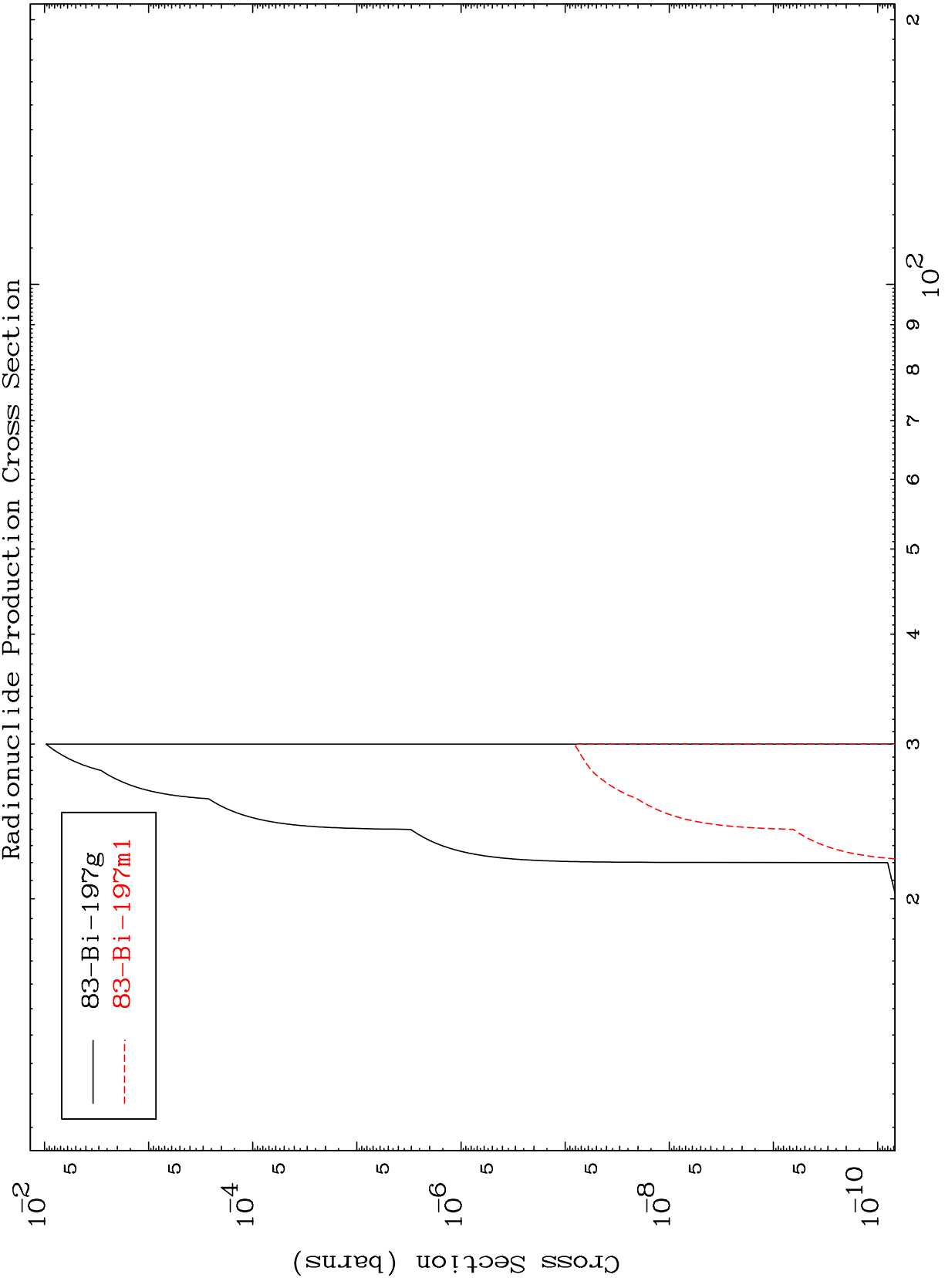
84-Po-199

MAT 8405

(α, n') p α

84-Po-199

Radionuclide Production Cross Section

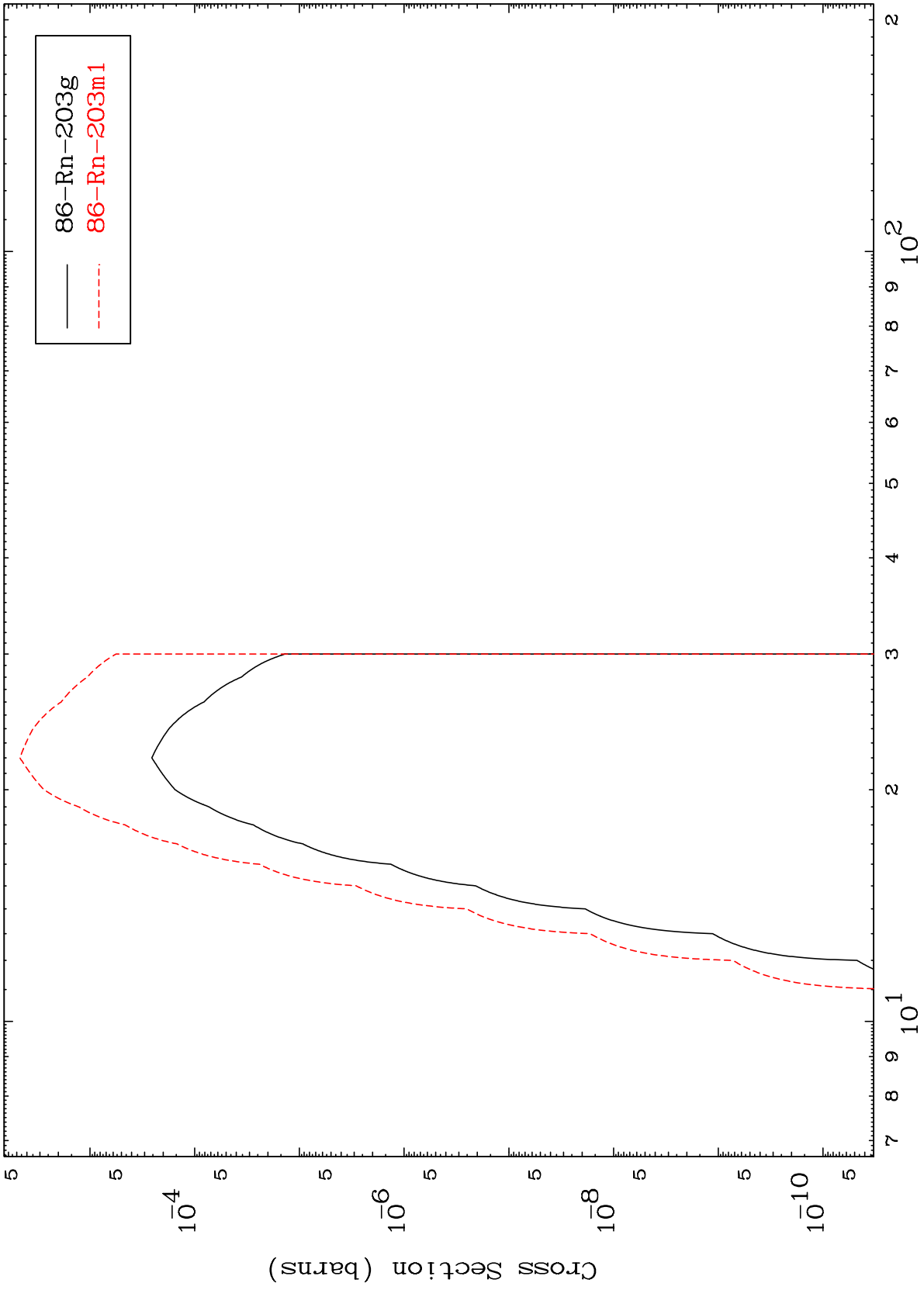


14

Incident Energy (MeV)

84-Po-199

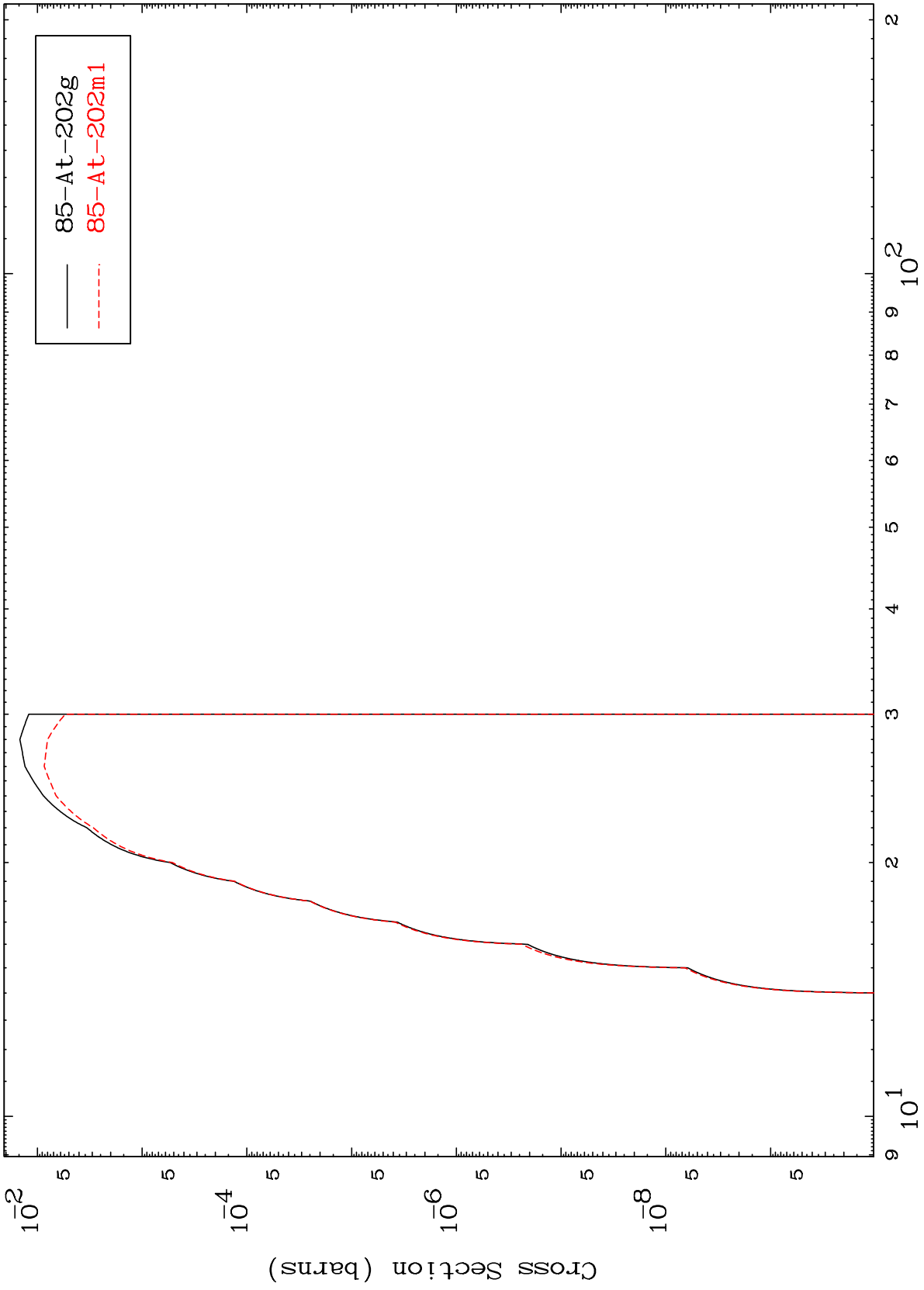
(α, γ)
Radionuclide Production Cross Section



MAT 8405

84-Po-199

(α, p)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

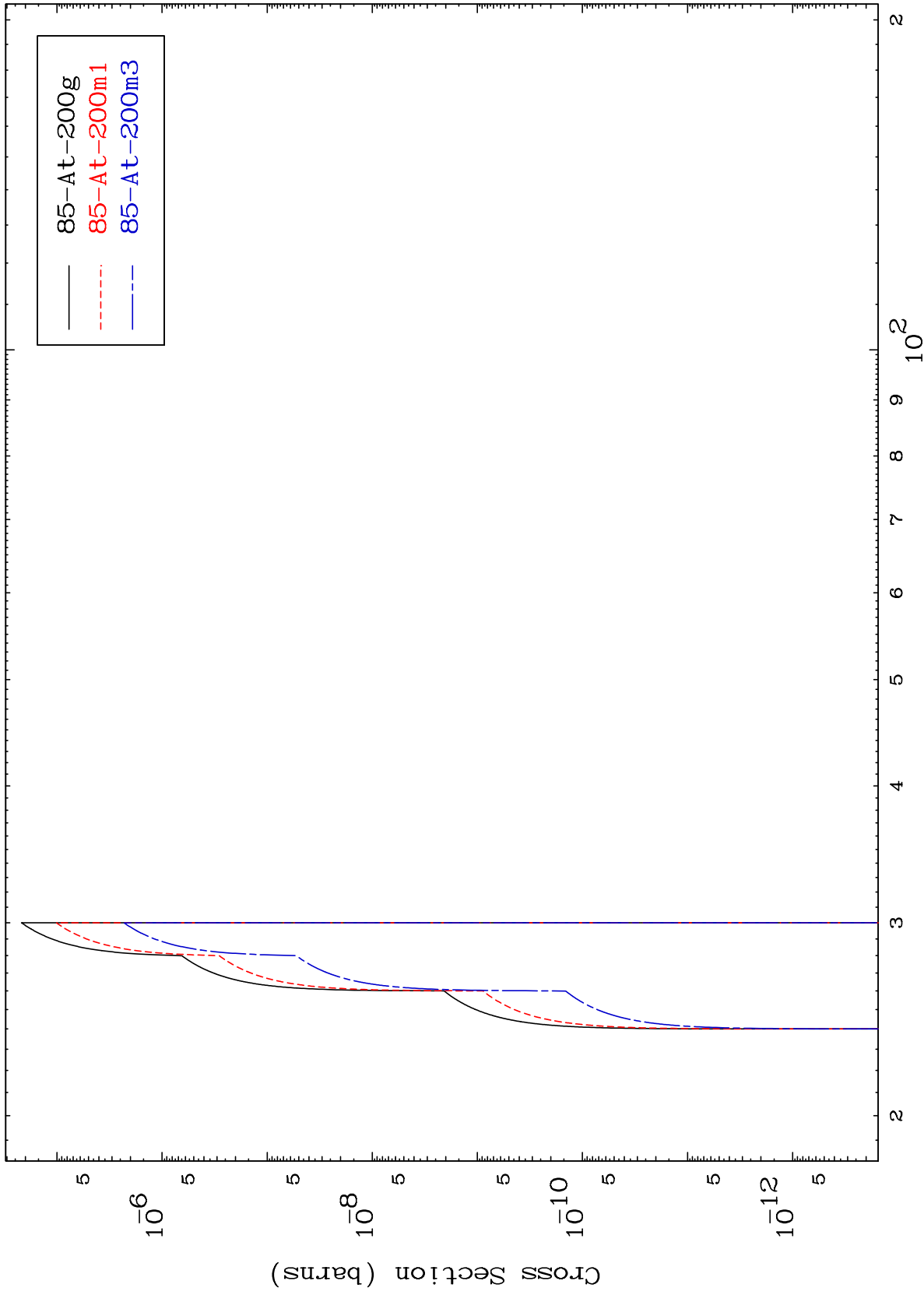
84-Po-199

MAT 8405

(α, t)

84-Po-199

Radionuclide Production Cross Section



17

Incident Energy (MeV)

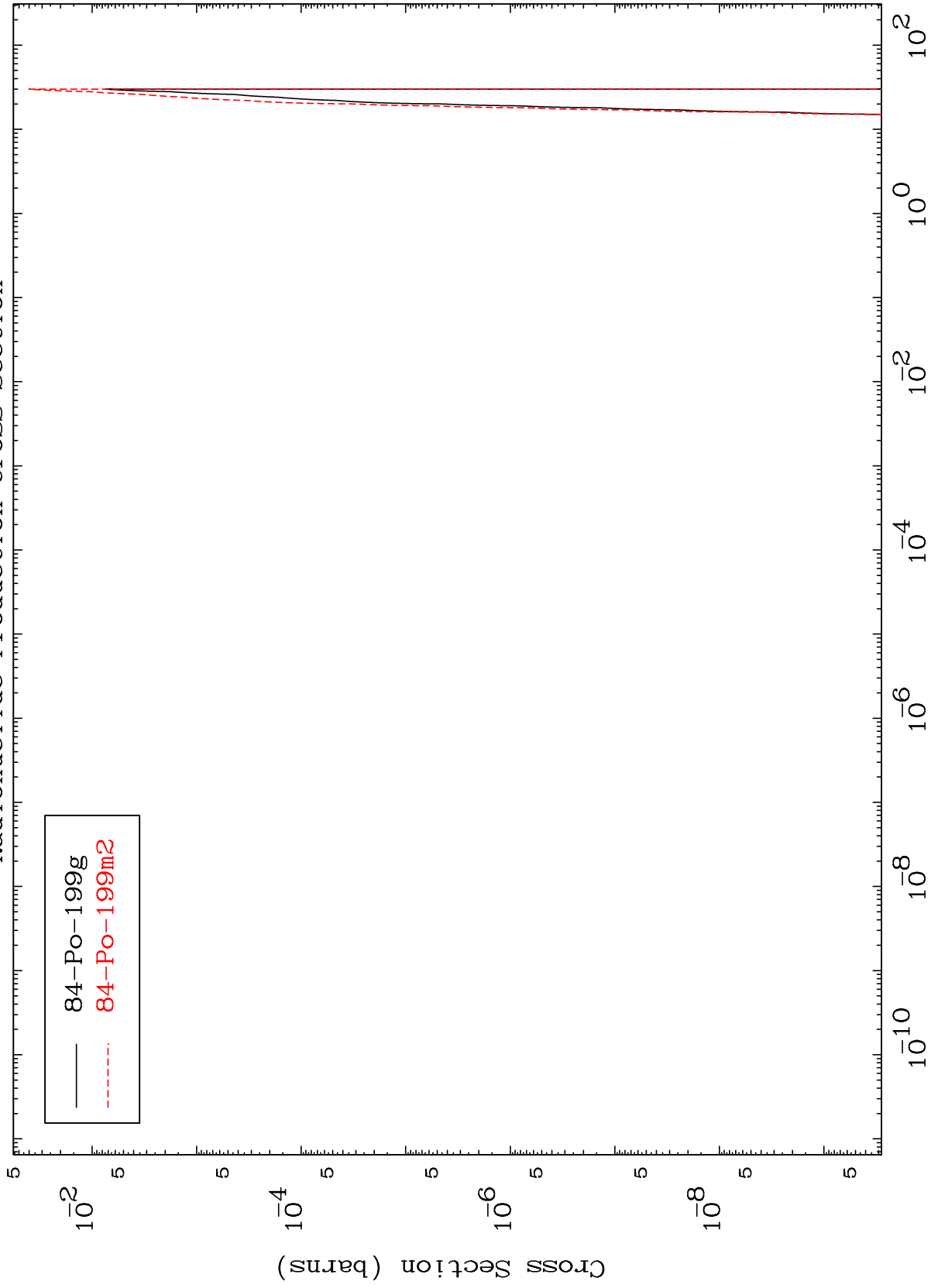
84-Po-199

MAT 8405

(α, α)

84-Po-199

Radionuclide Production Cross Section



18

Incident Energy (MeV)

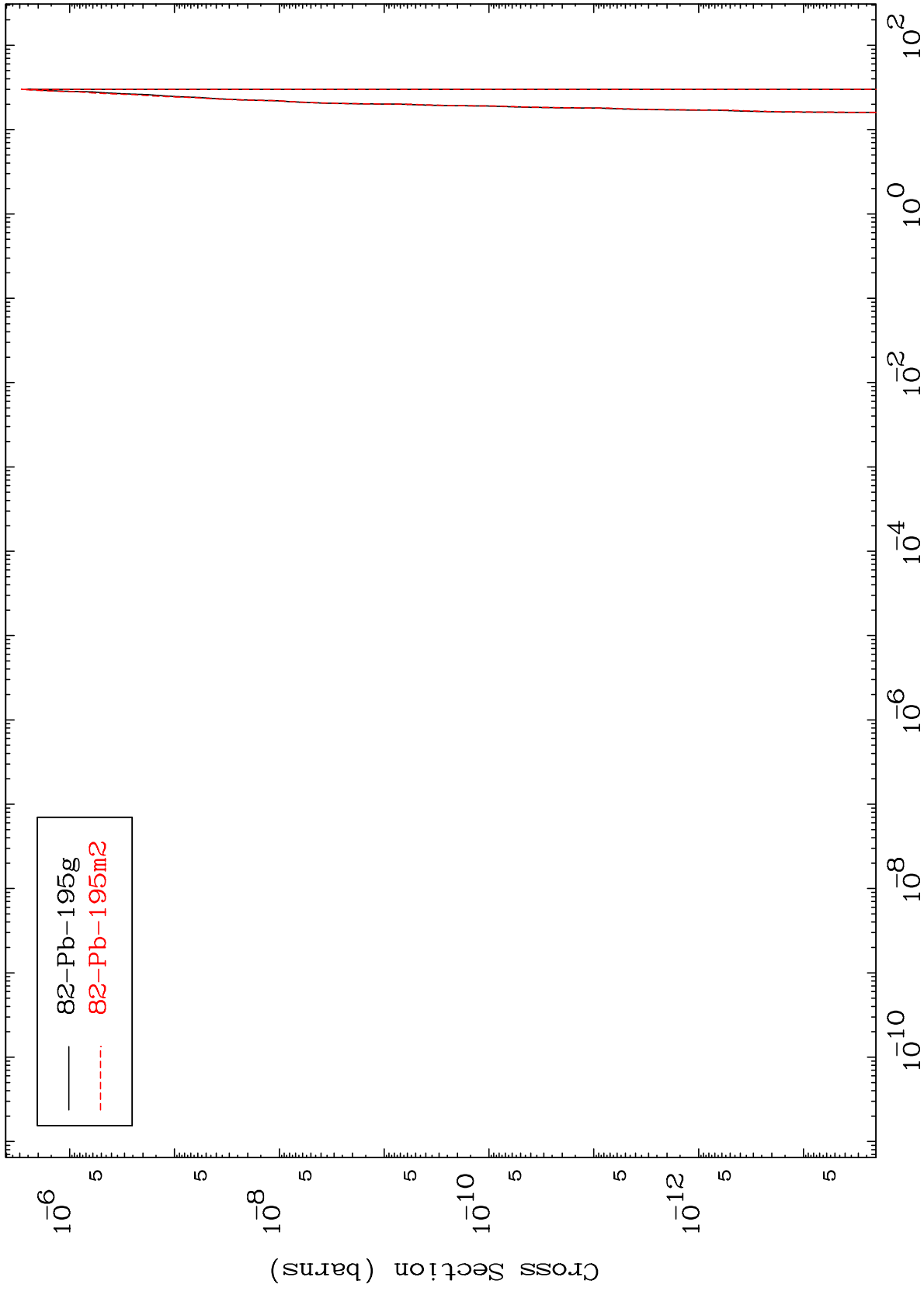
84-Po-199

MAT 8405

($\alpha, 2\alpha$)

84-Po-199

Radionuclide Production Cross Section



19

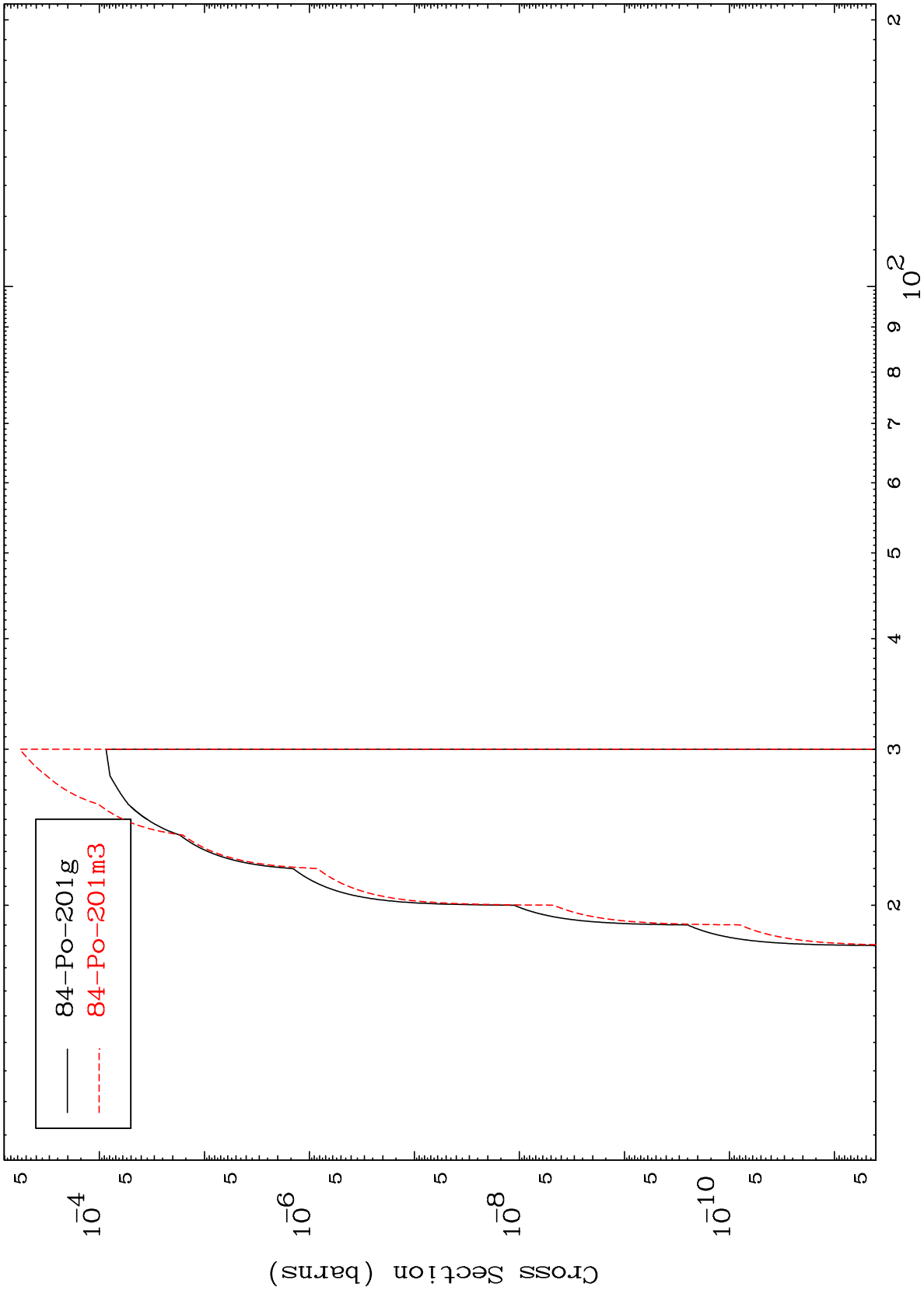
Incident Energy (MeV)

84-Po-199

MAT 8405

84-Po-199

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



20

Incident Energy (MeV)

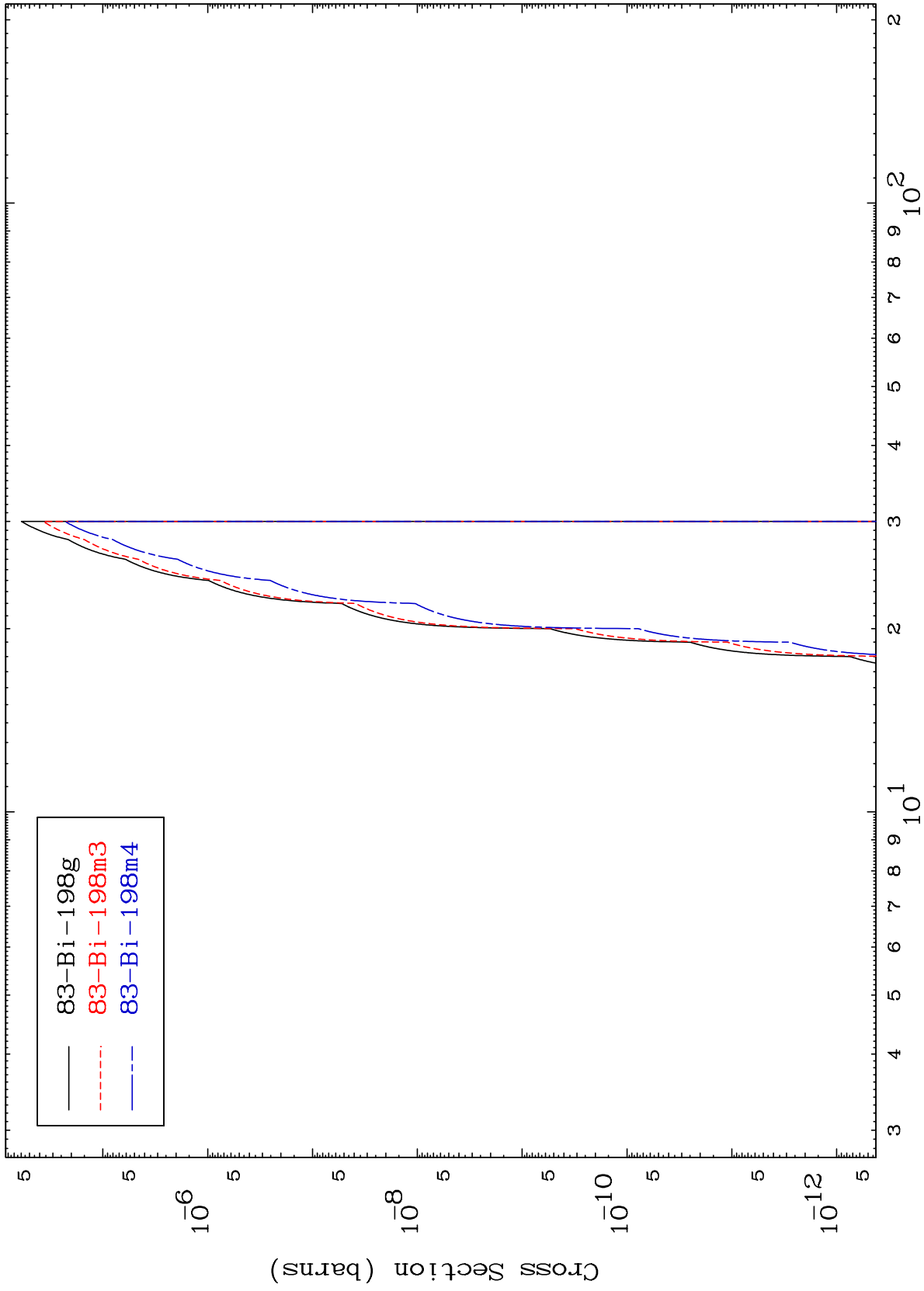
84-Po-199

MAT 8405

(α, p) α

84-Po-199

Radionuclide Production Cross Section



21

Incident Energy (MeV)

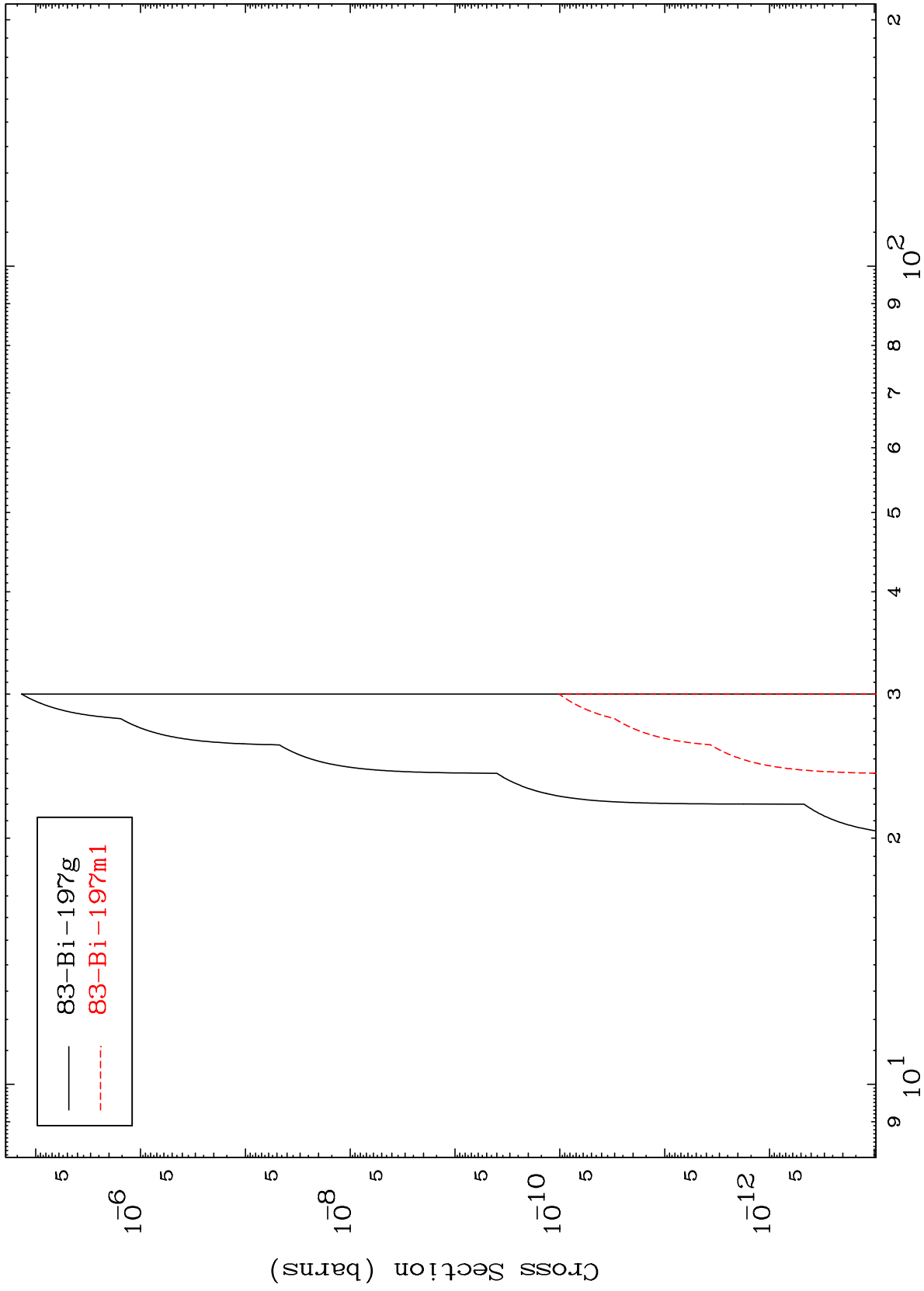
84-Po-199

MAT 8405

(α, d) α

84-Po-199

Radionuclide Production Cross Section



22

Incident Energy (MeV)

84-Po-199