

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

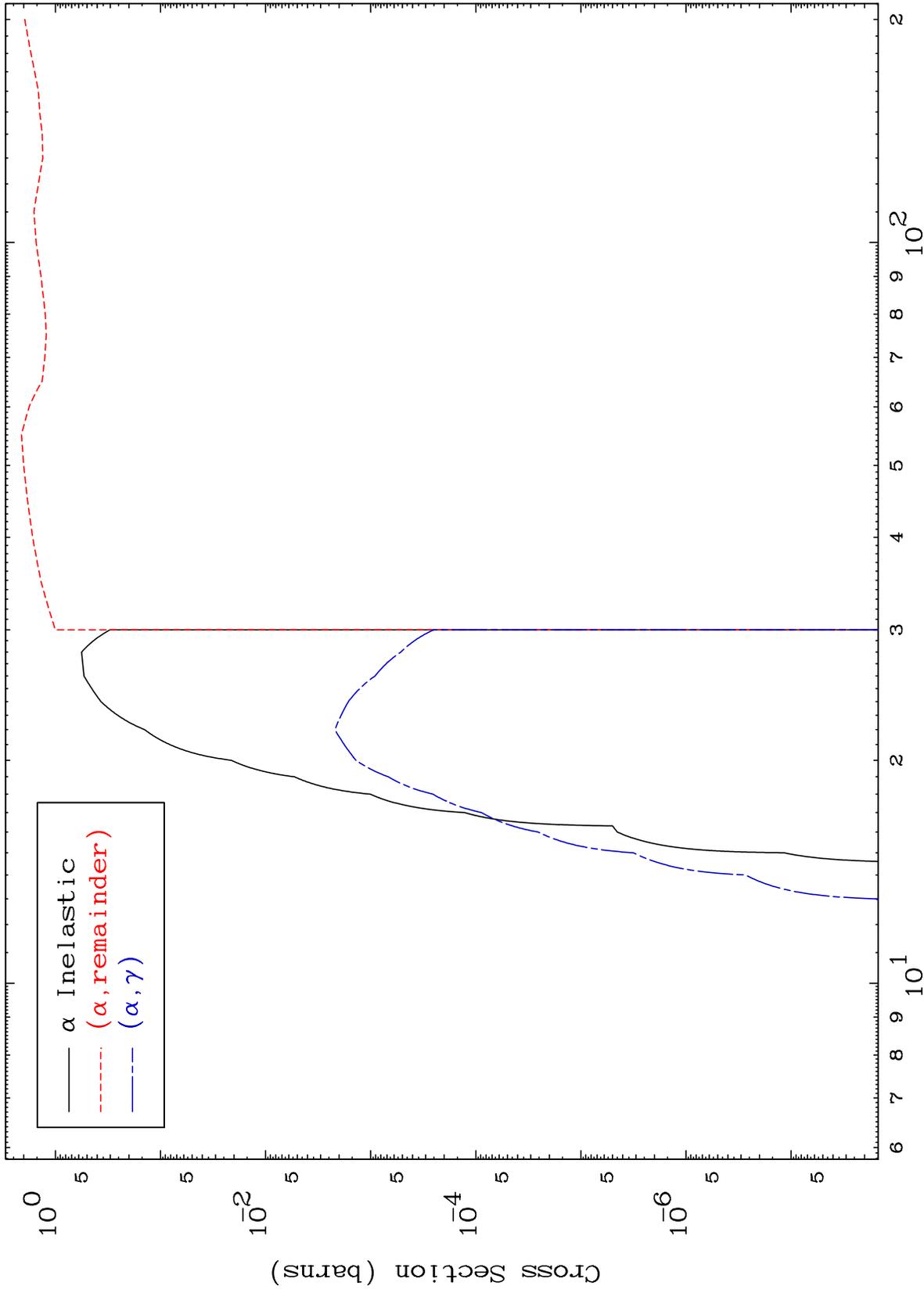
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8411

0 Kelvin α Major
Cross Sections

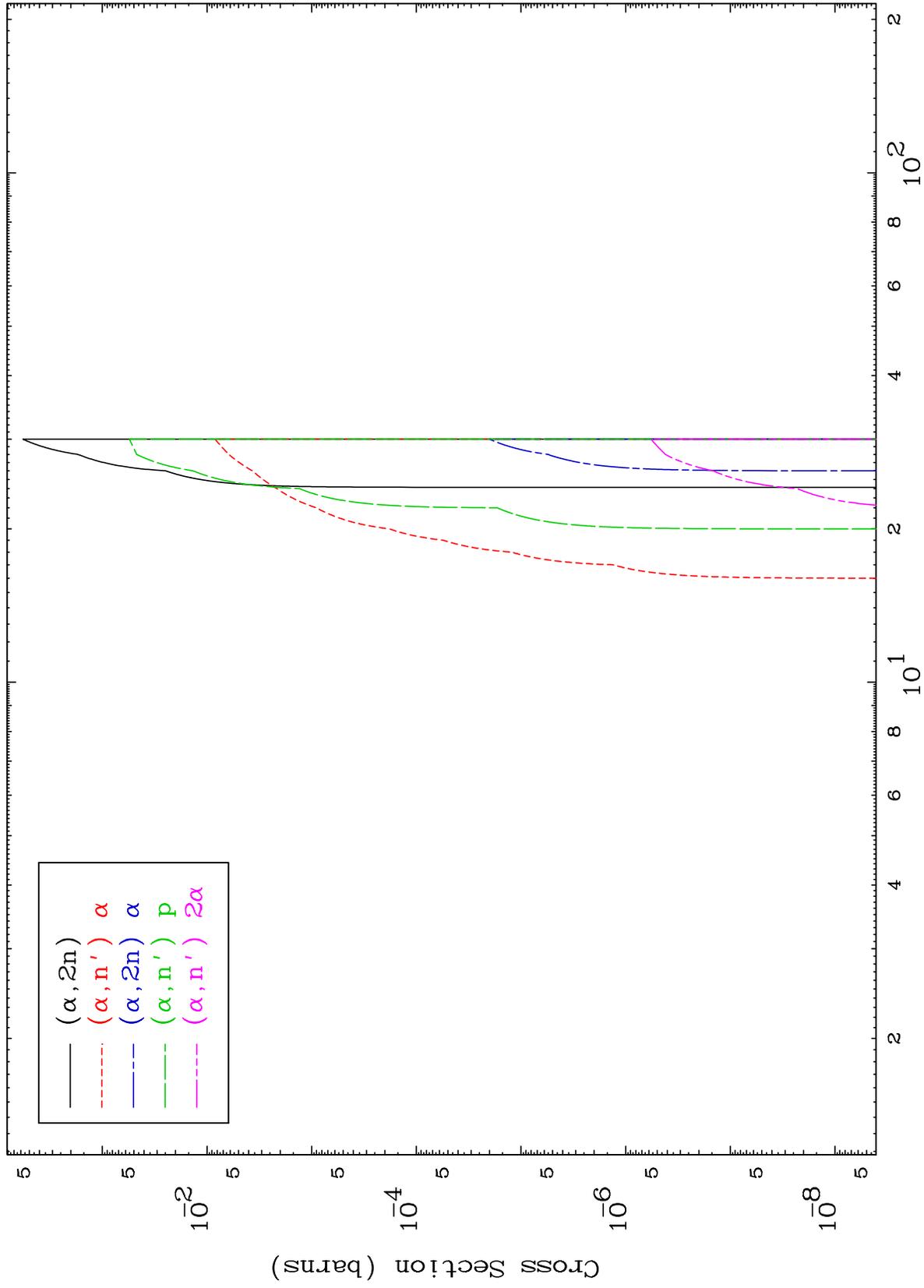
84-Po-201



MAT 8411

α Neutron Production
0 Kelvin Cross Sections

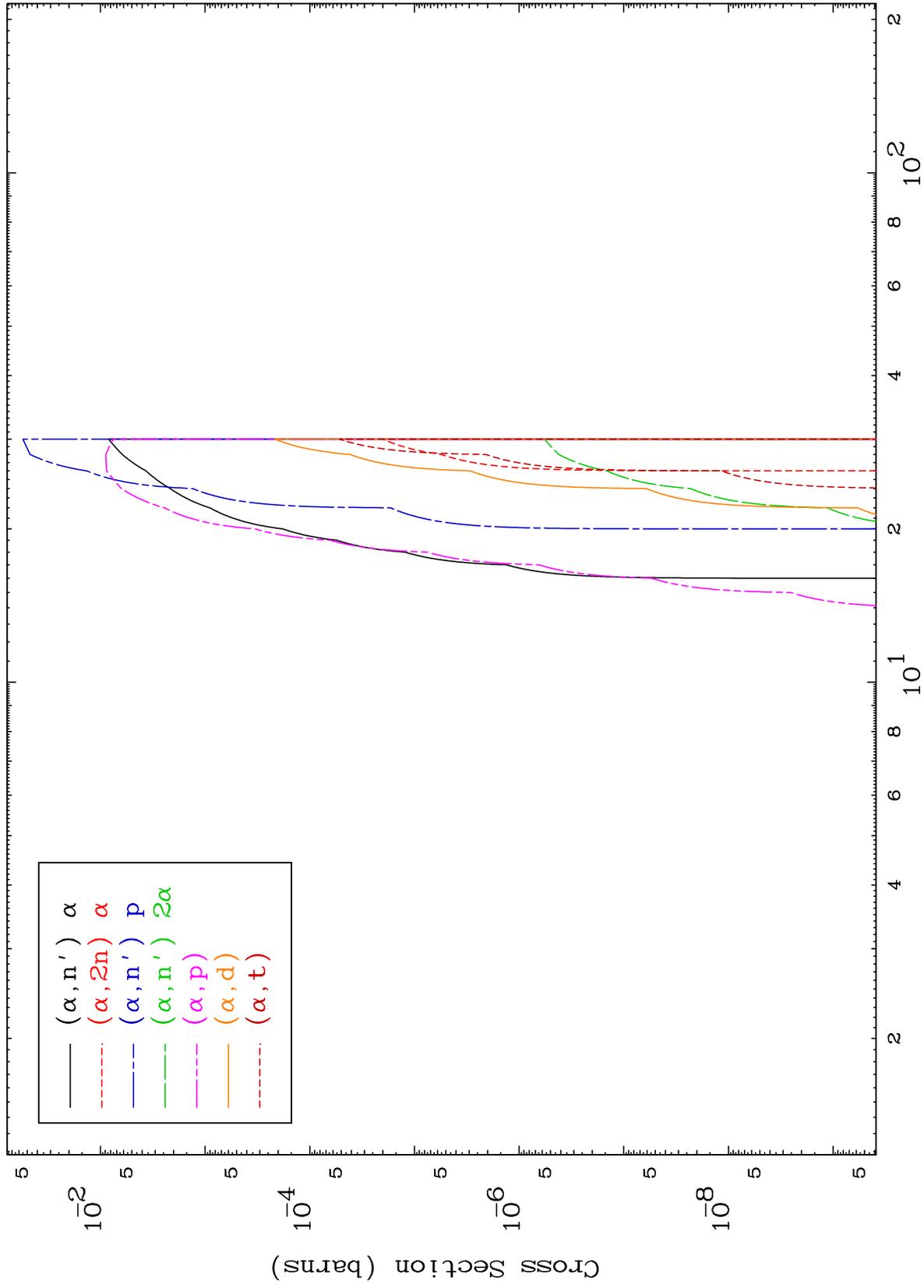
84-Po-201



2

Incident Energy (MeV)

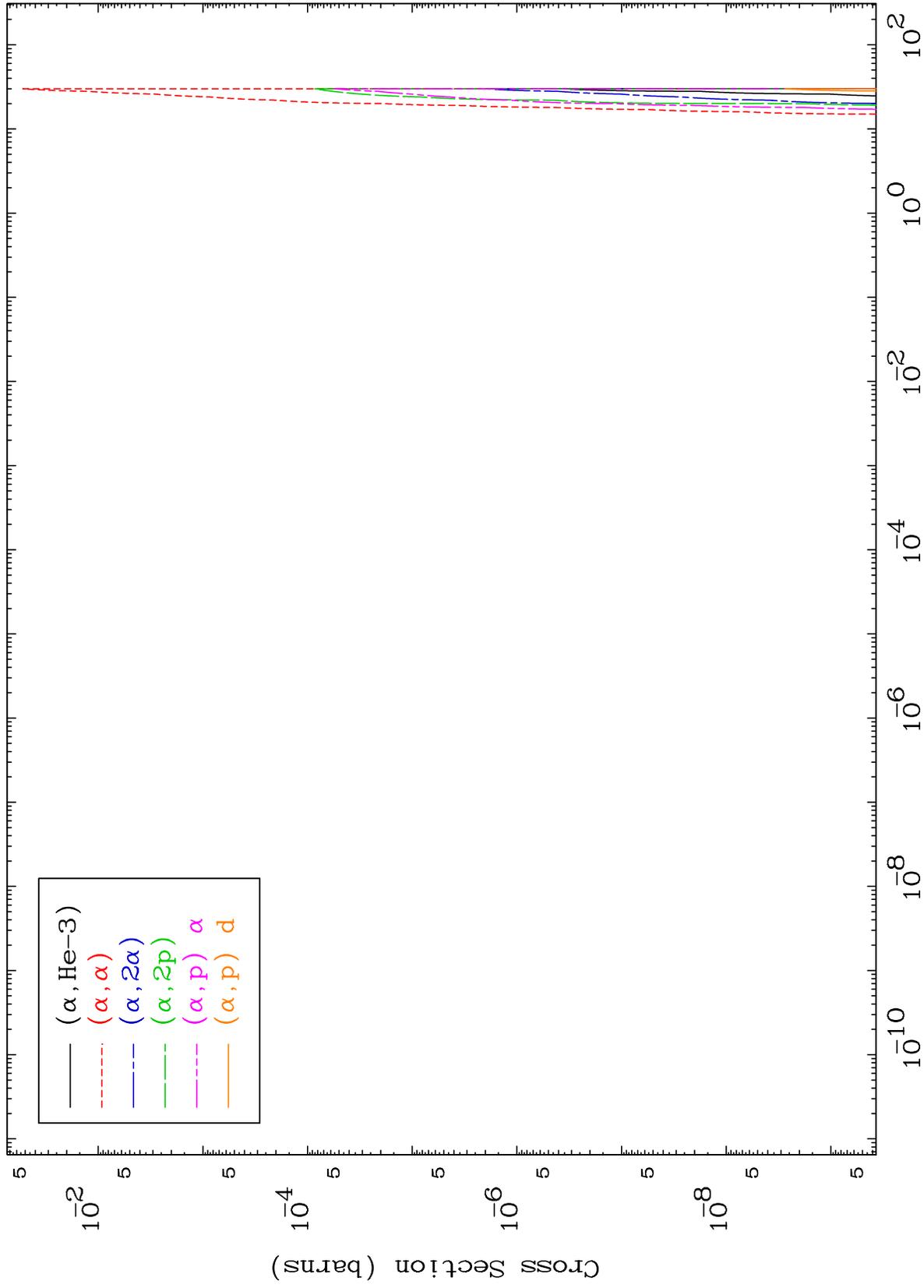
84-Po-201

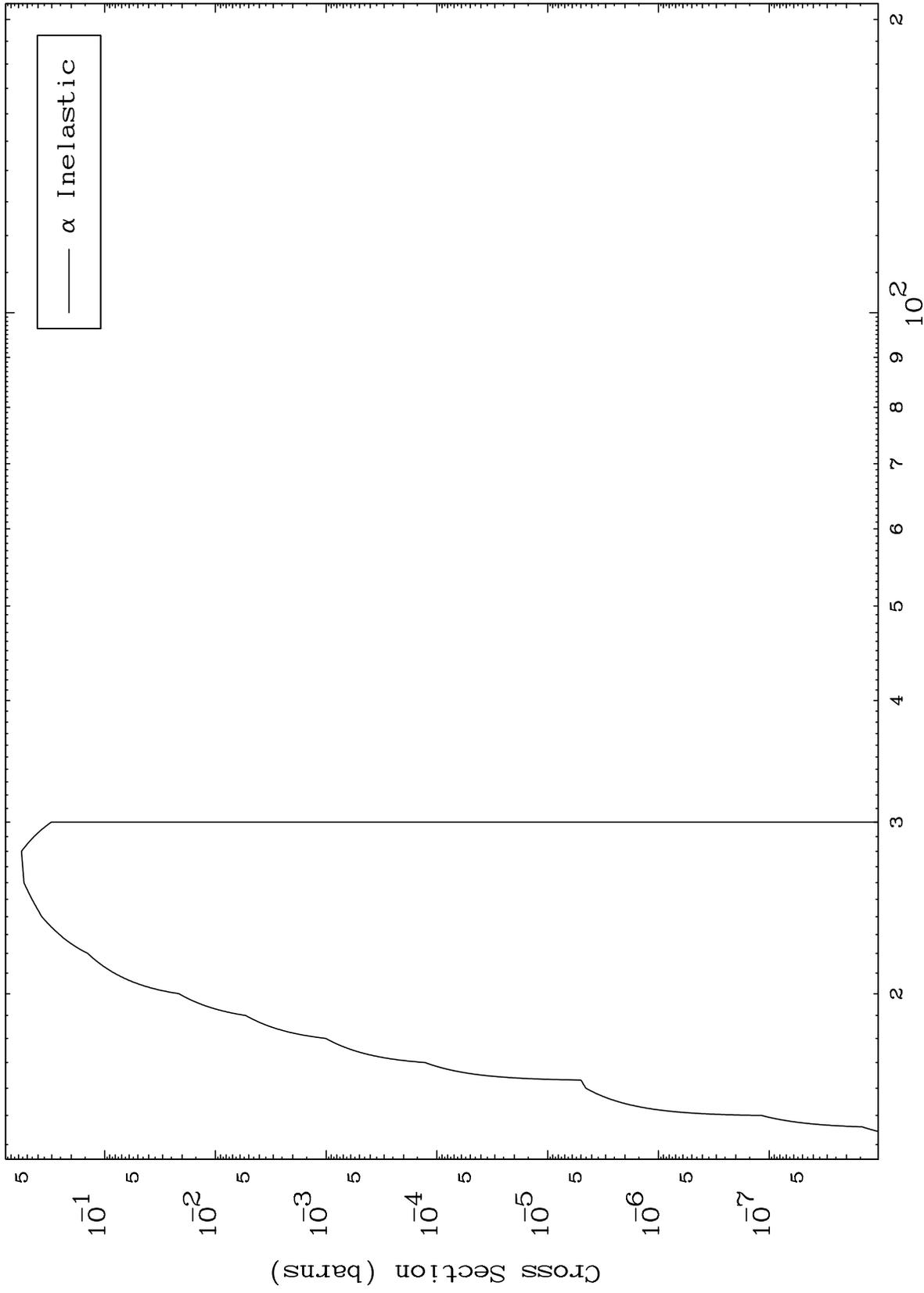


MAT 8411

α Charged Particle
0 Kelvin Cross Sections

84-Po-201

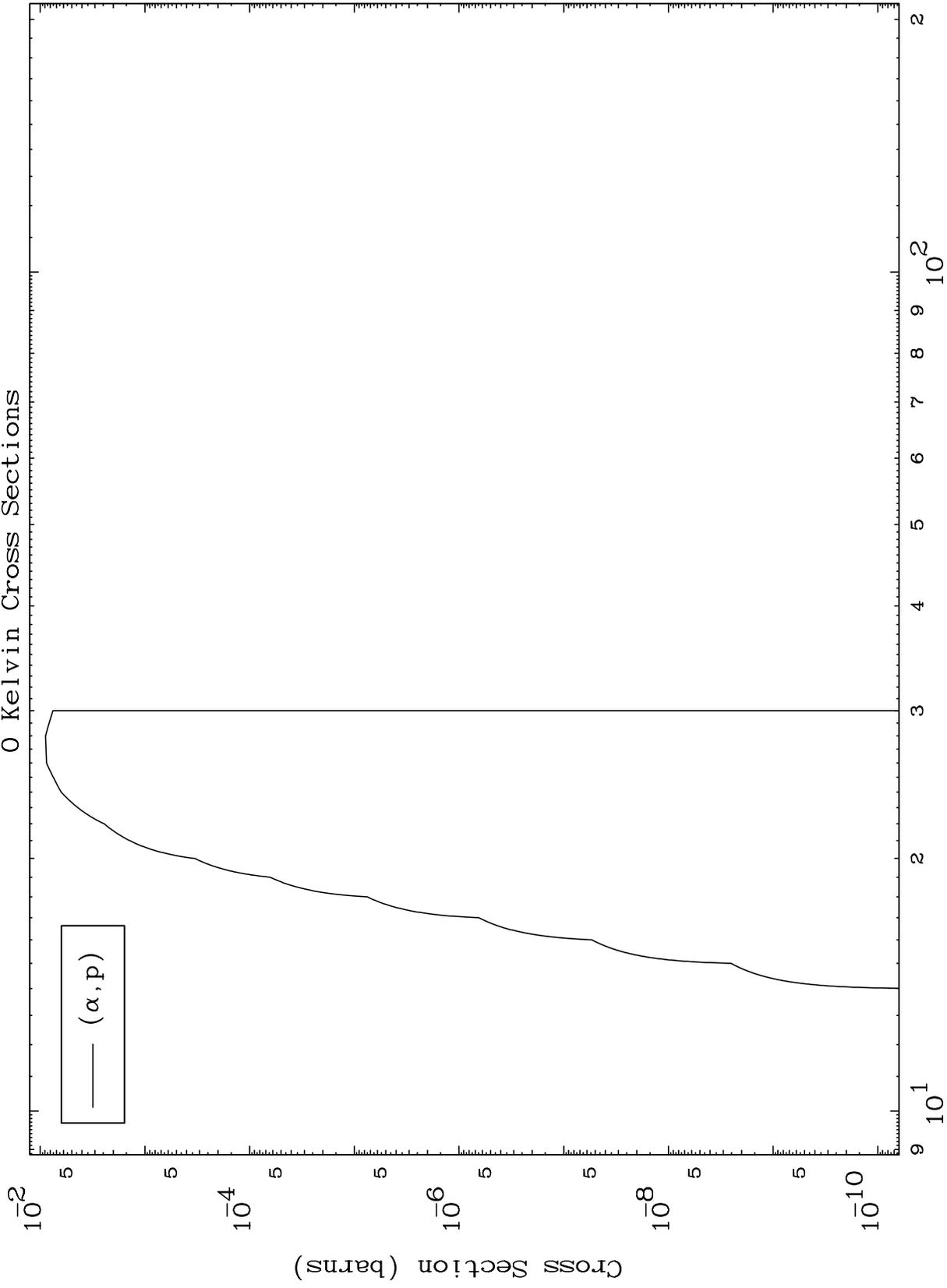




MAT 8411

(α, p) Levels
0 Kelvin Cross Sections

84-Po-201



6

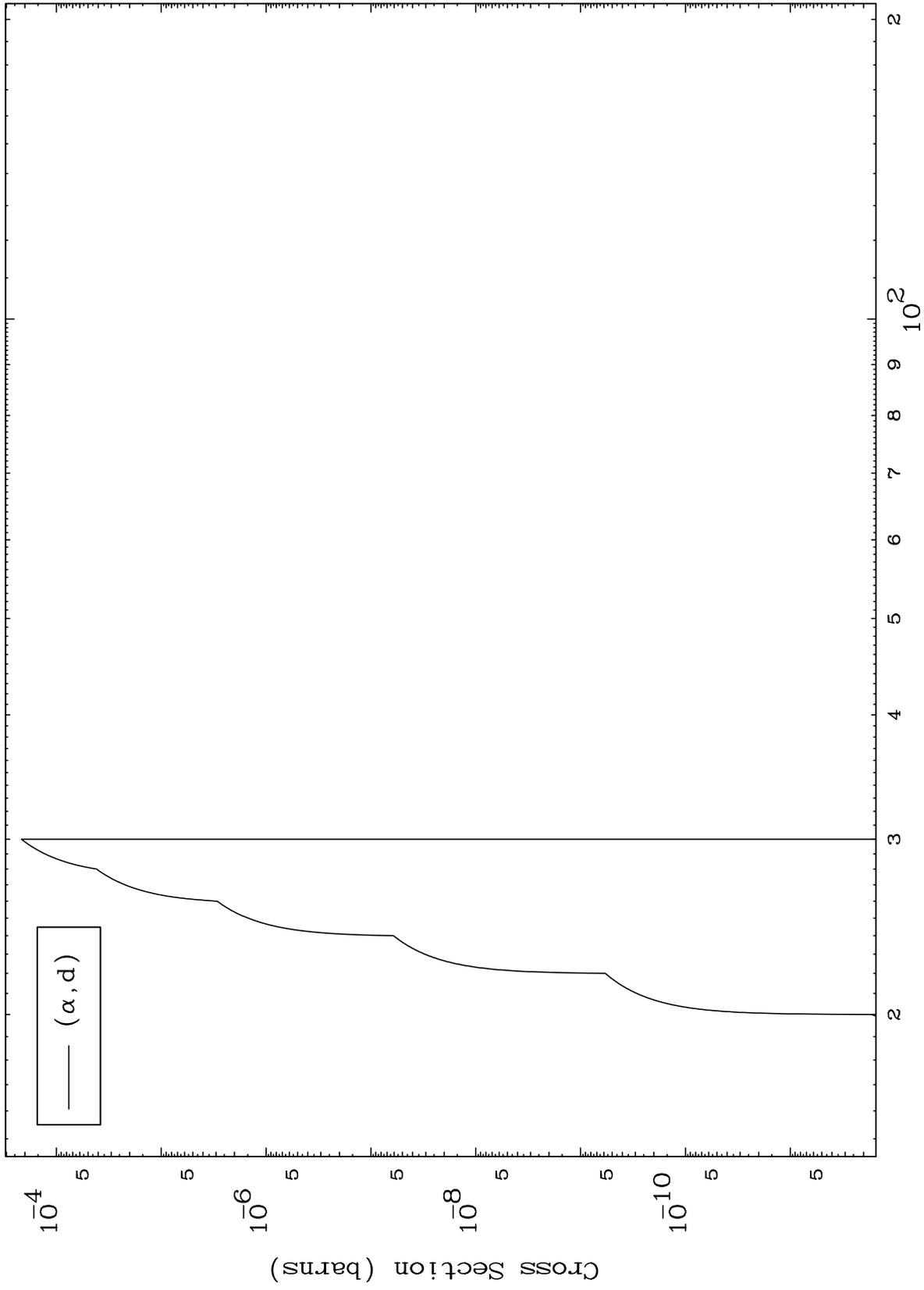
Incident Energy (MeV)

84-Po-201

MAT 8411

(α, d) Levels
0 Kelvin Cross Sections

84-Po-201



7

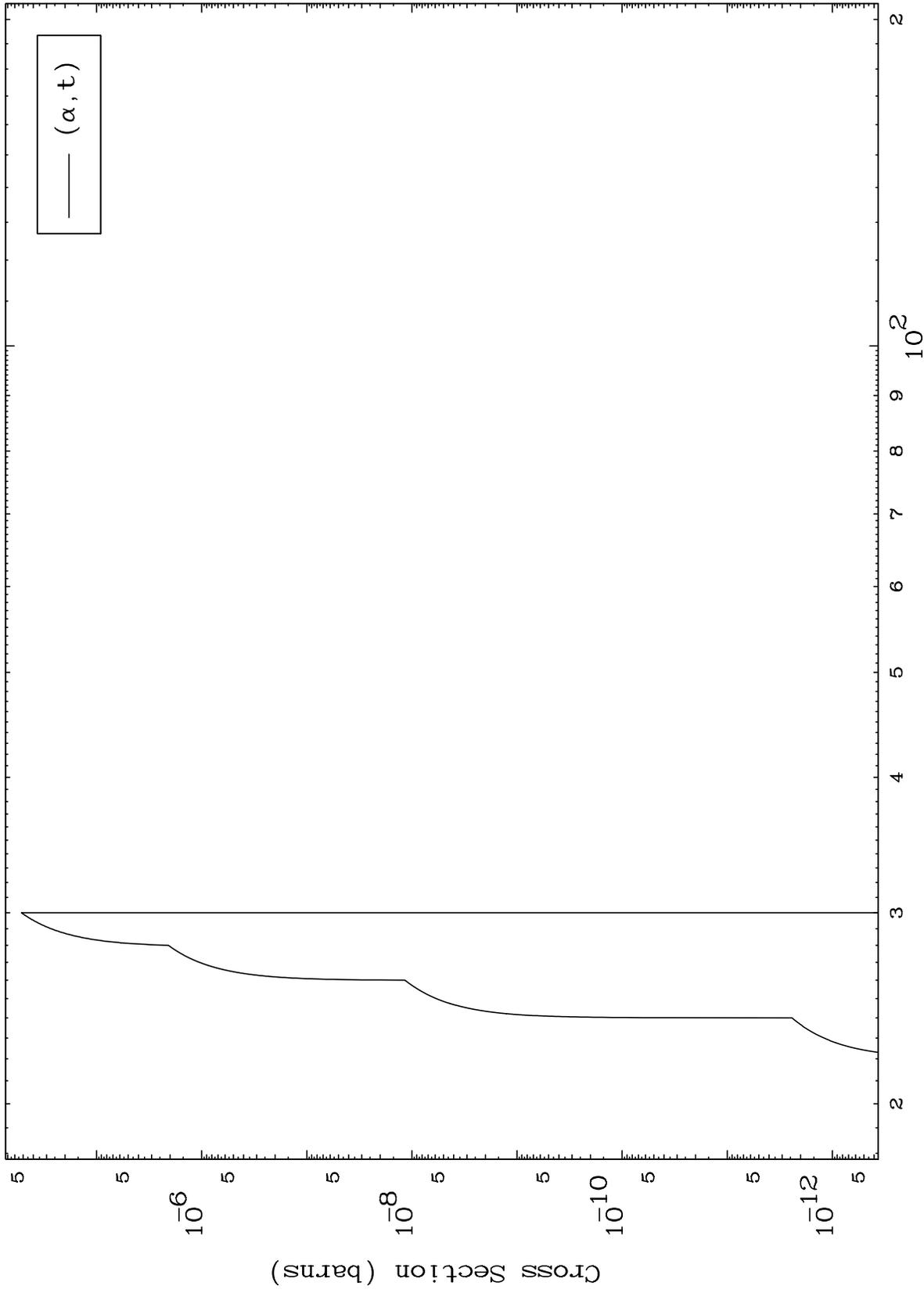
Incident Energy (MeV)

84-Po-201

MAT 8411

(α, t) Levels
0 Kelvin Cross Sections

84-Po-201



8

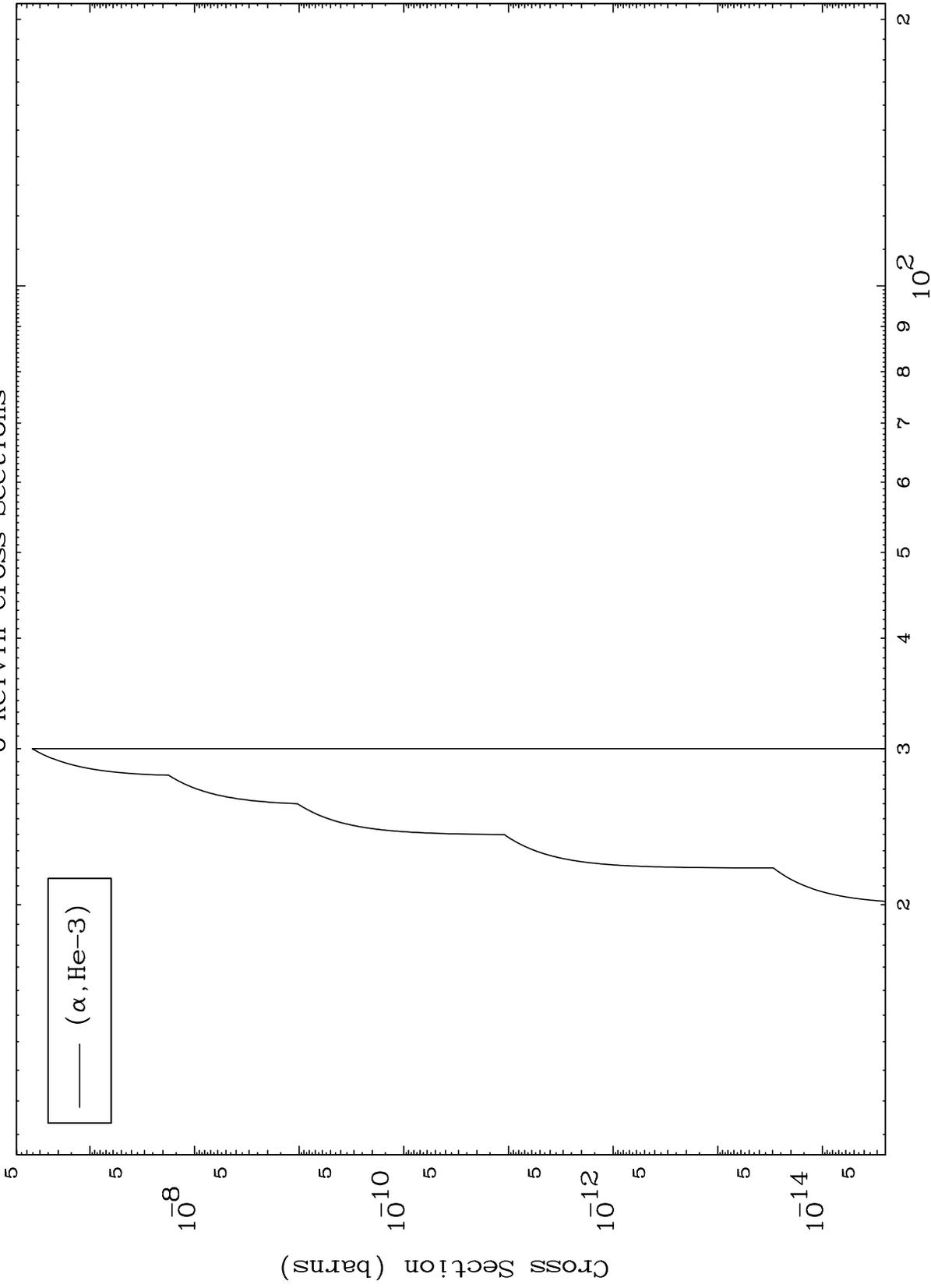
Incident Energy (MeV)

84-Po-201

MAT 8411

(α ,He3) Levels
0 Kelvin Cross Sections

84-Po-201



9

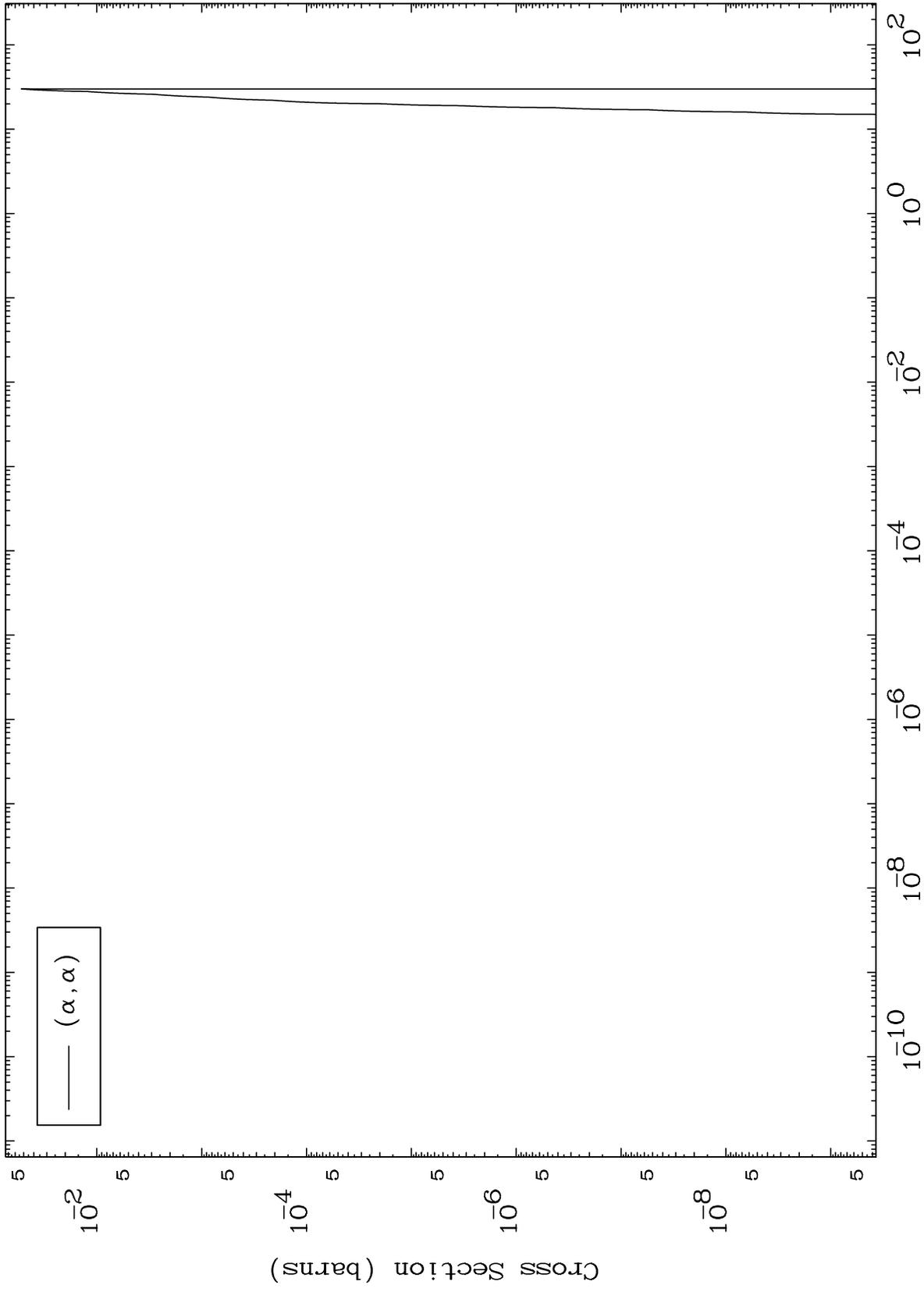
Incident Energy (MeV)

84-Po-201

MAT 8411

(α, α) Levels
0 Kelvin Cross Sections

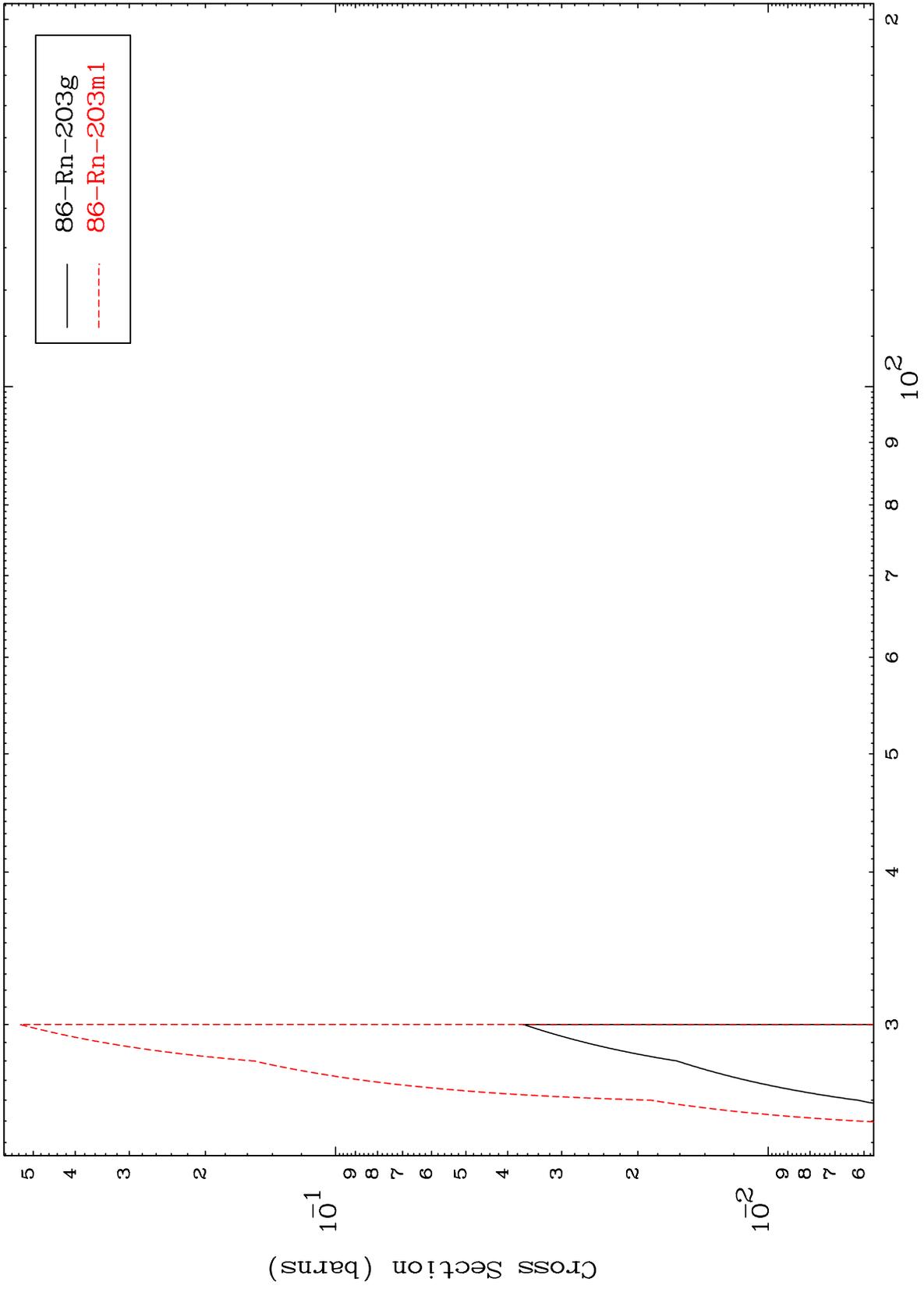
84-Po-201



MAT 8411

84-Po-201

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



11

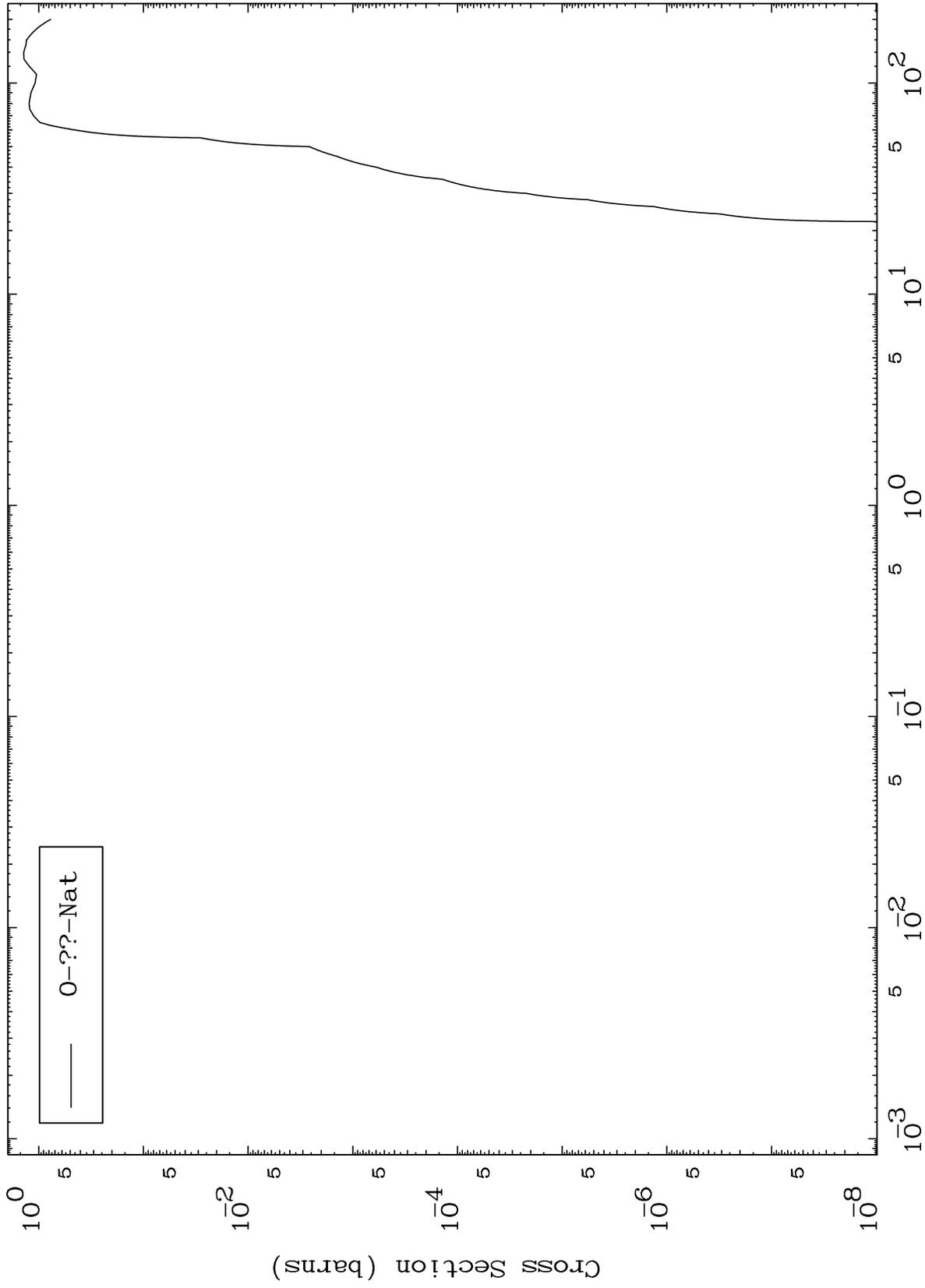
Incident Energy (MeV)

84-Po-201

MAT 8411

α Fission
Radionuclide Production Cross Section

84-Po-201



12

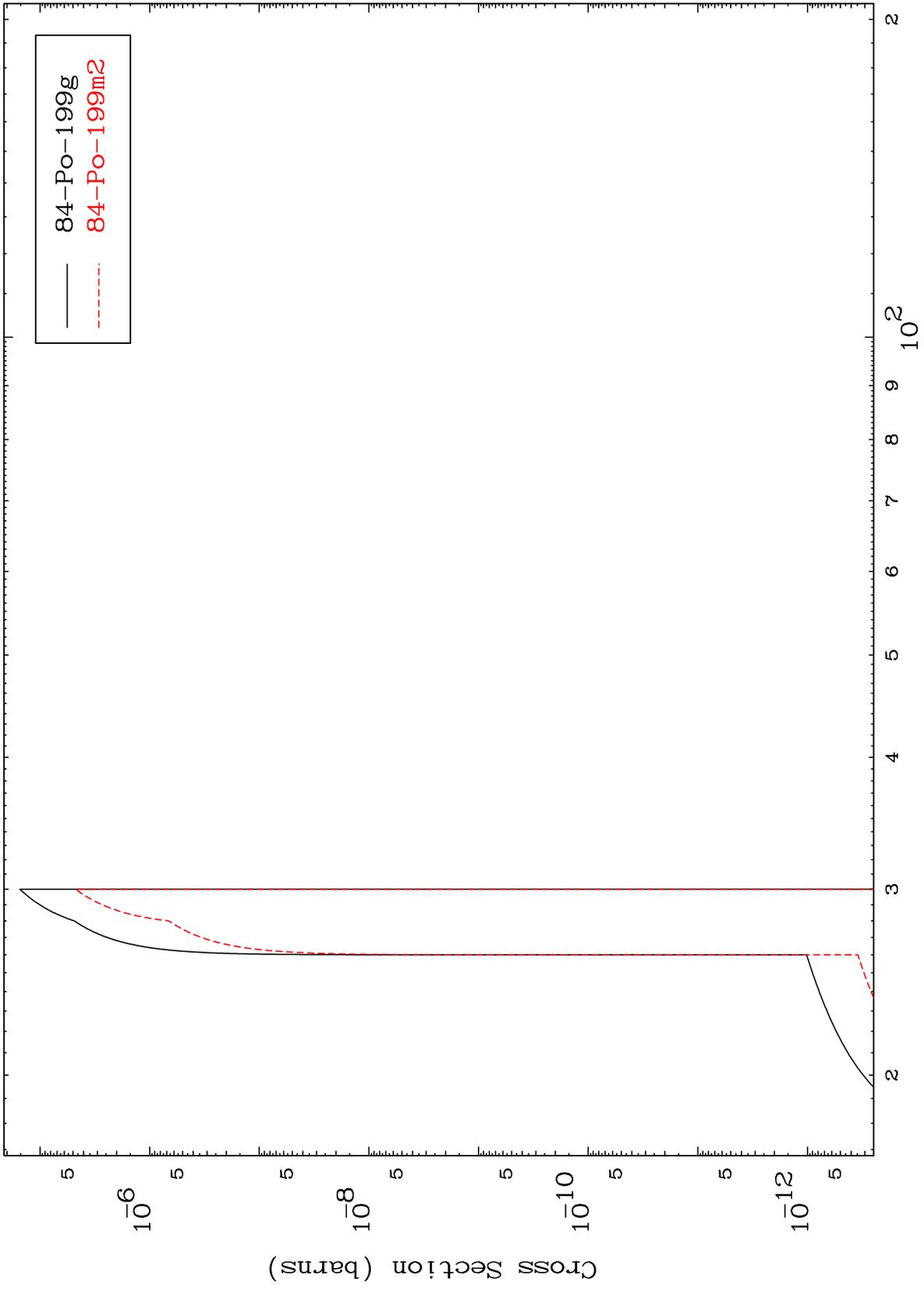
Incident Energy (MeV)

84-Po-201

MAT 8411

84-Po-201

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



13

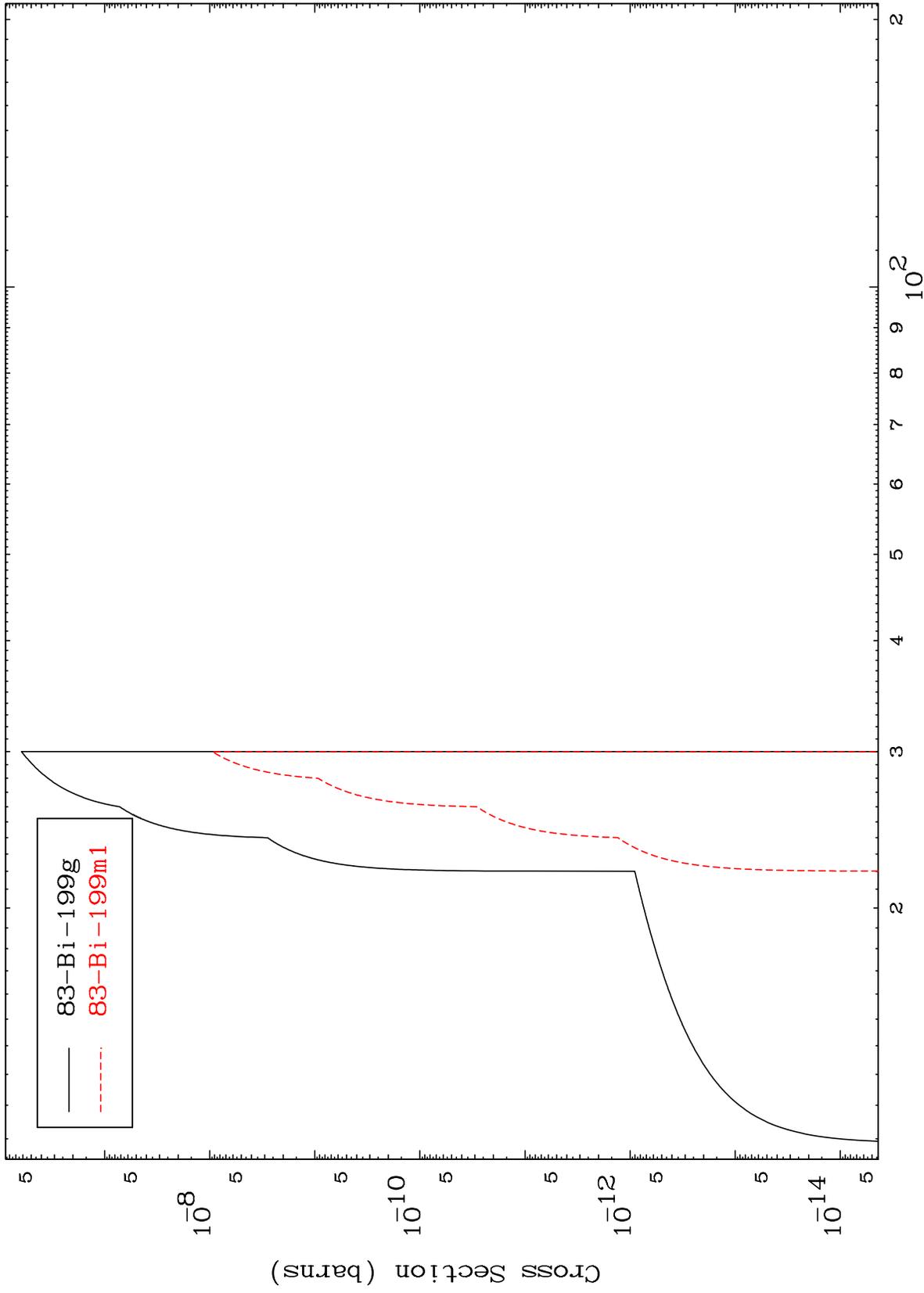
84-Po-201

MAT 8411

(α, n') p α

84-Po-201

Radionuclide Production Cross Section



14

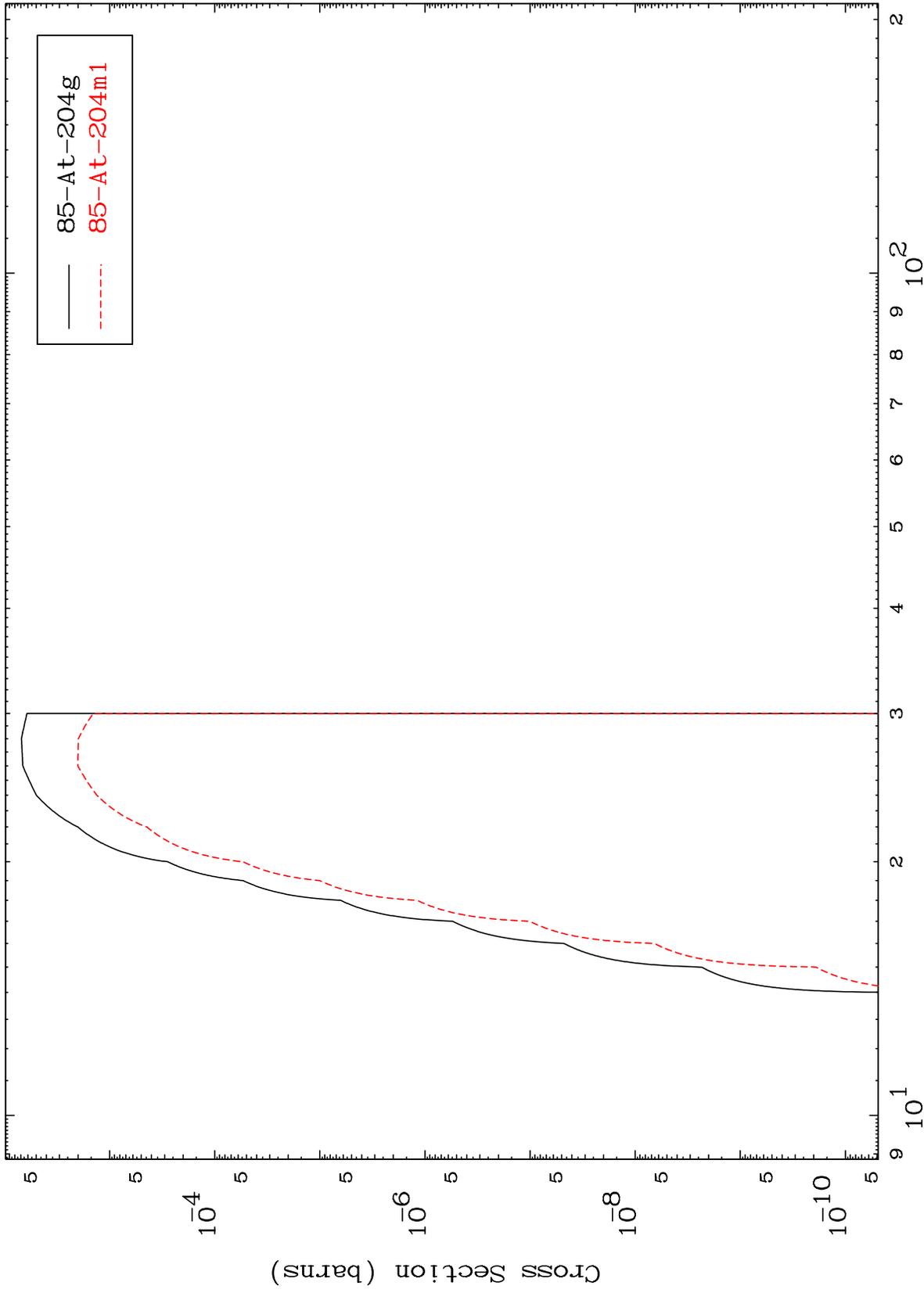
Incident Energy (MeV)

84-Po-201

MAT 8411

84-Po-201

(α, p)
Radionuclide Production Cross Section



15

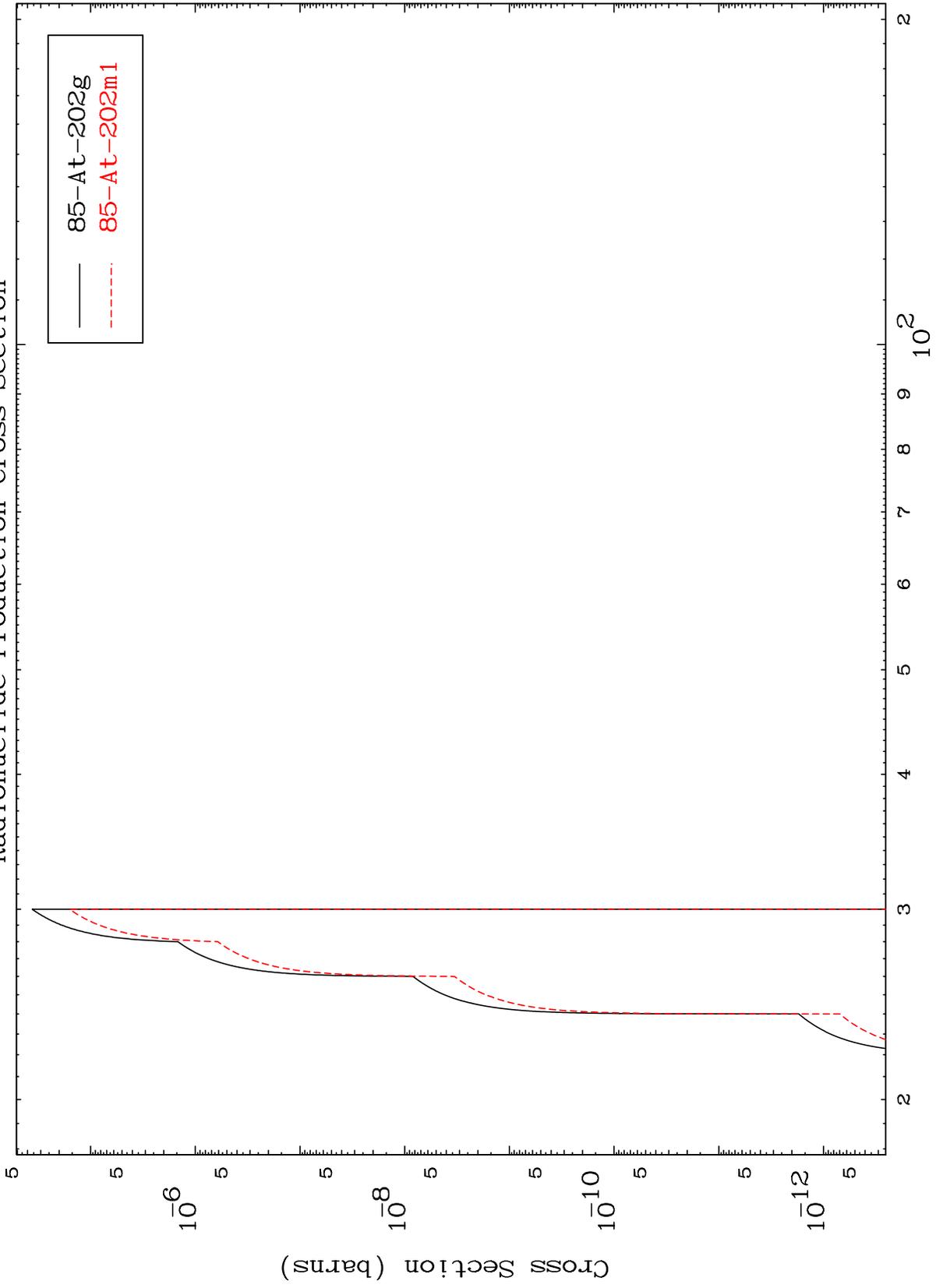
Incident Energy (MeV)

84-Po-201

MAT 8411

84-Po-201

(α, t)
Radionuclide Production Cross Section



16

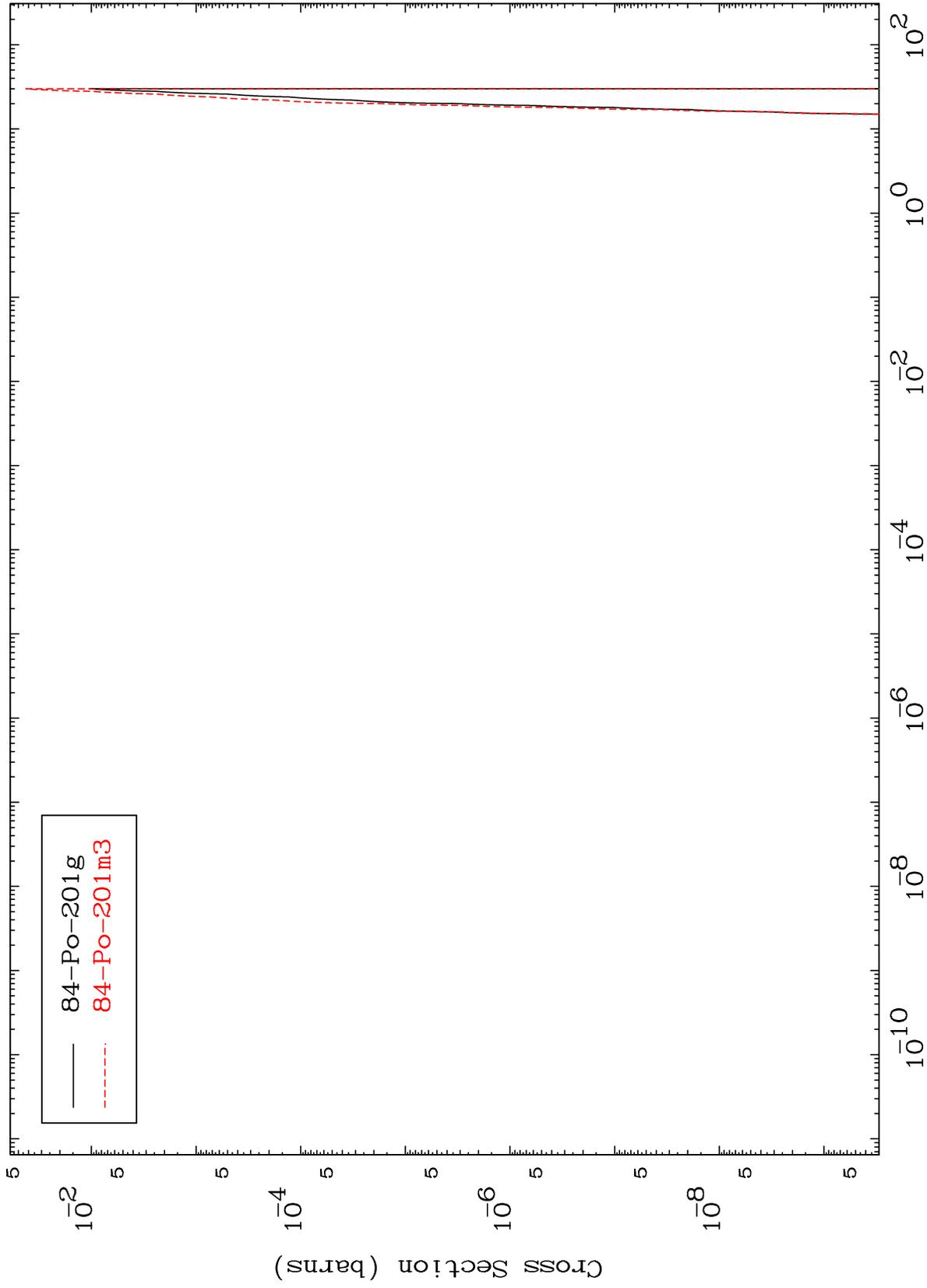
84-Po-201

MAT 8411

(α, α)

84-Po-201

Radionuclide Production Cross Section

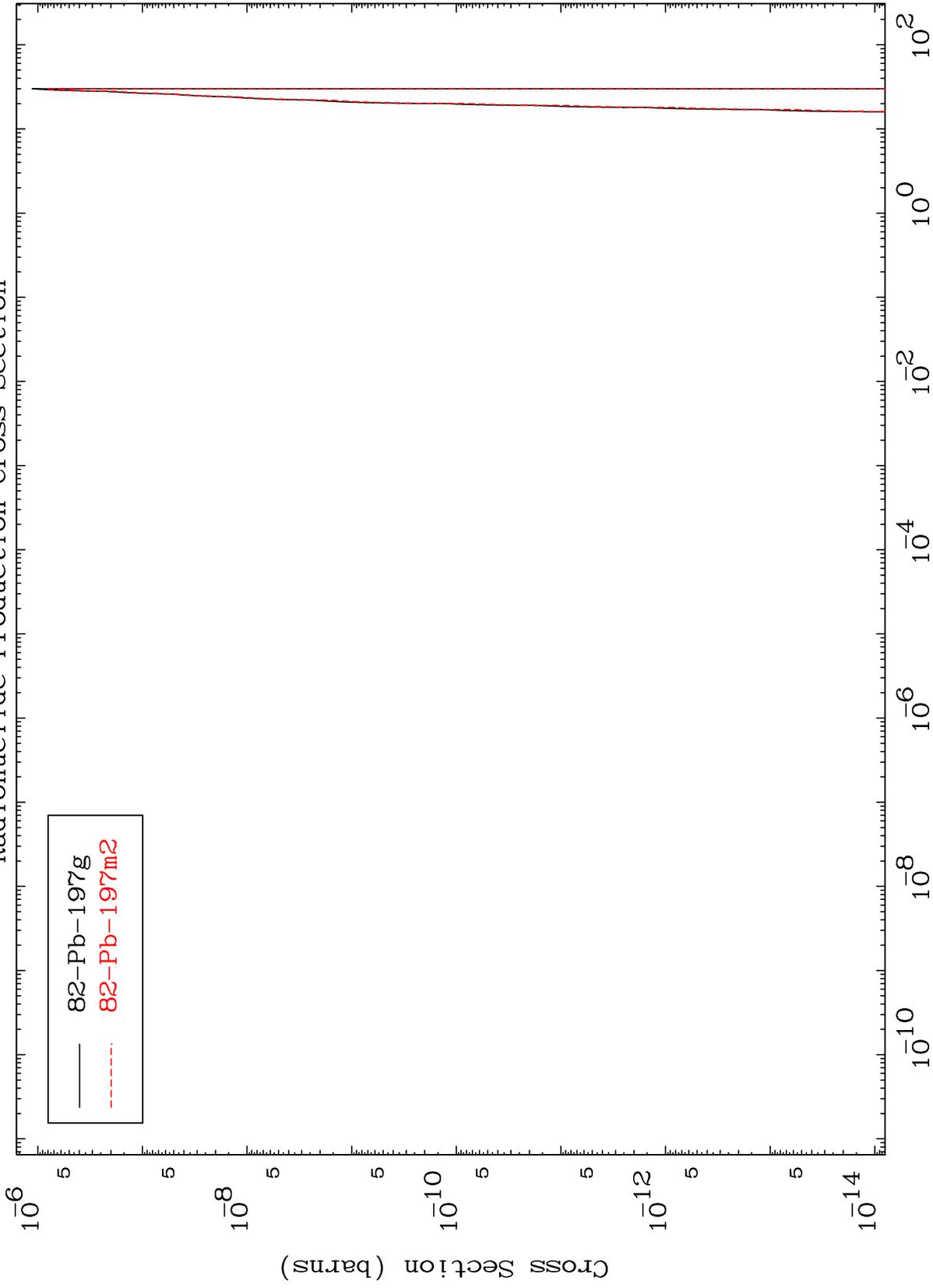


MAT 8411

($\alpha, 2\alpha$)

84-Po-201

Radionuclide Production Cross Section

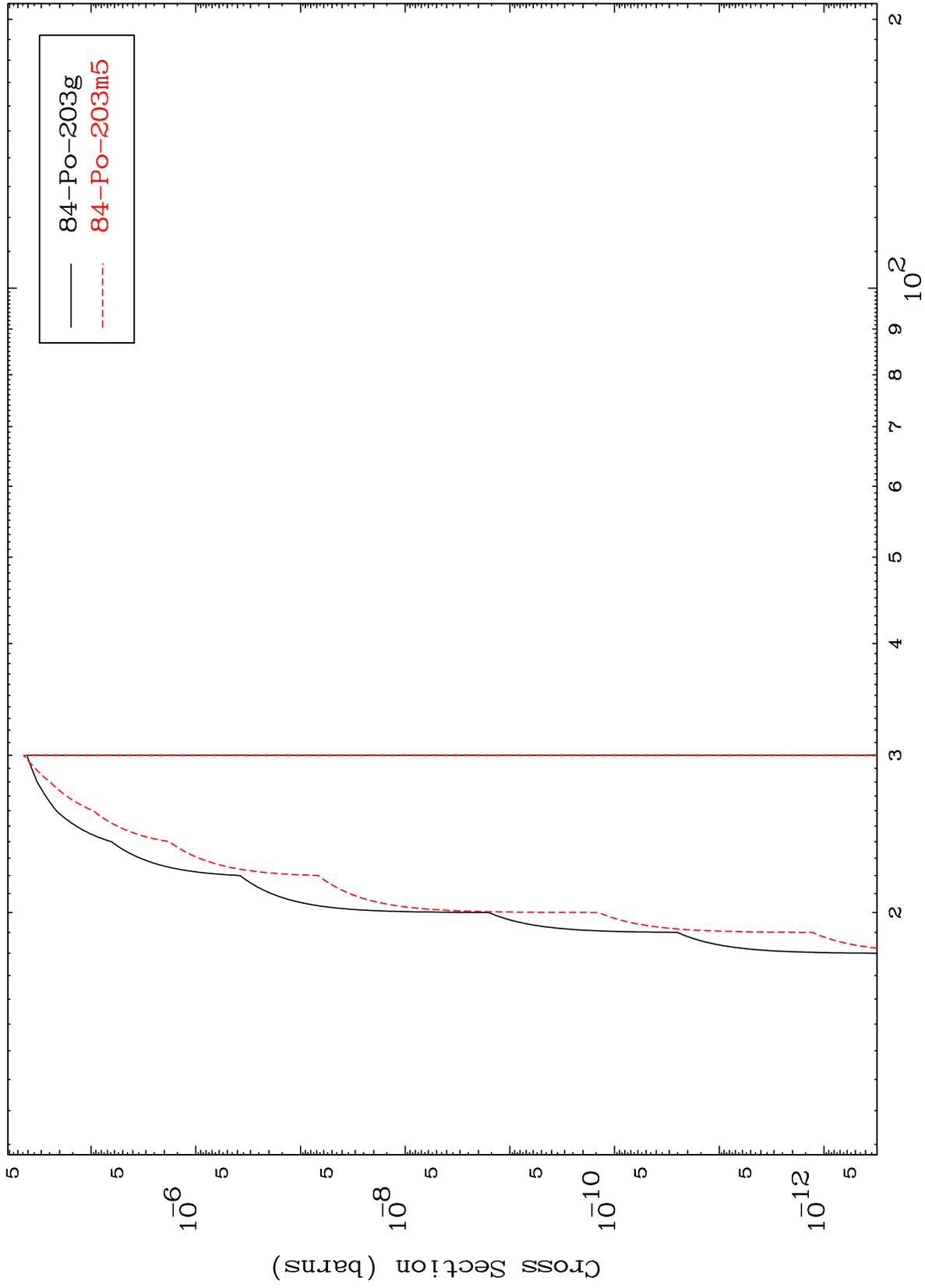


18

Incident Energy (MeV)

84-Po-201

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

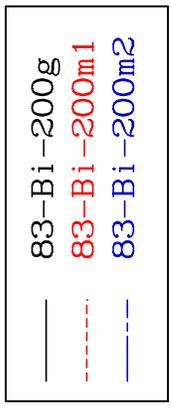
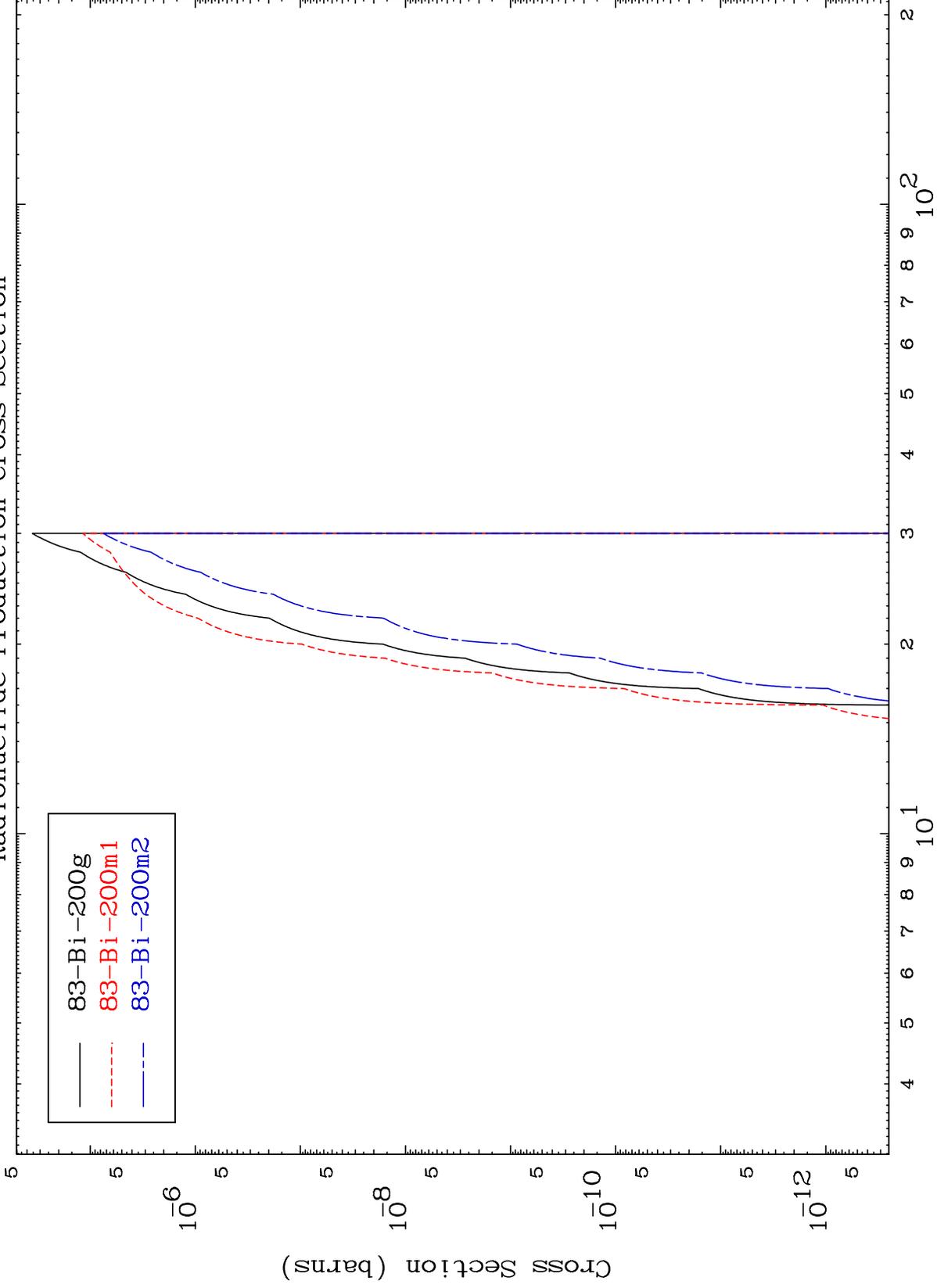


MAT 8411

(α, p) α

84-Po-201

Radionuclide Production Cross Section



20

Incident Energy (MeV)

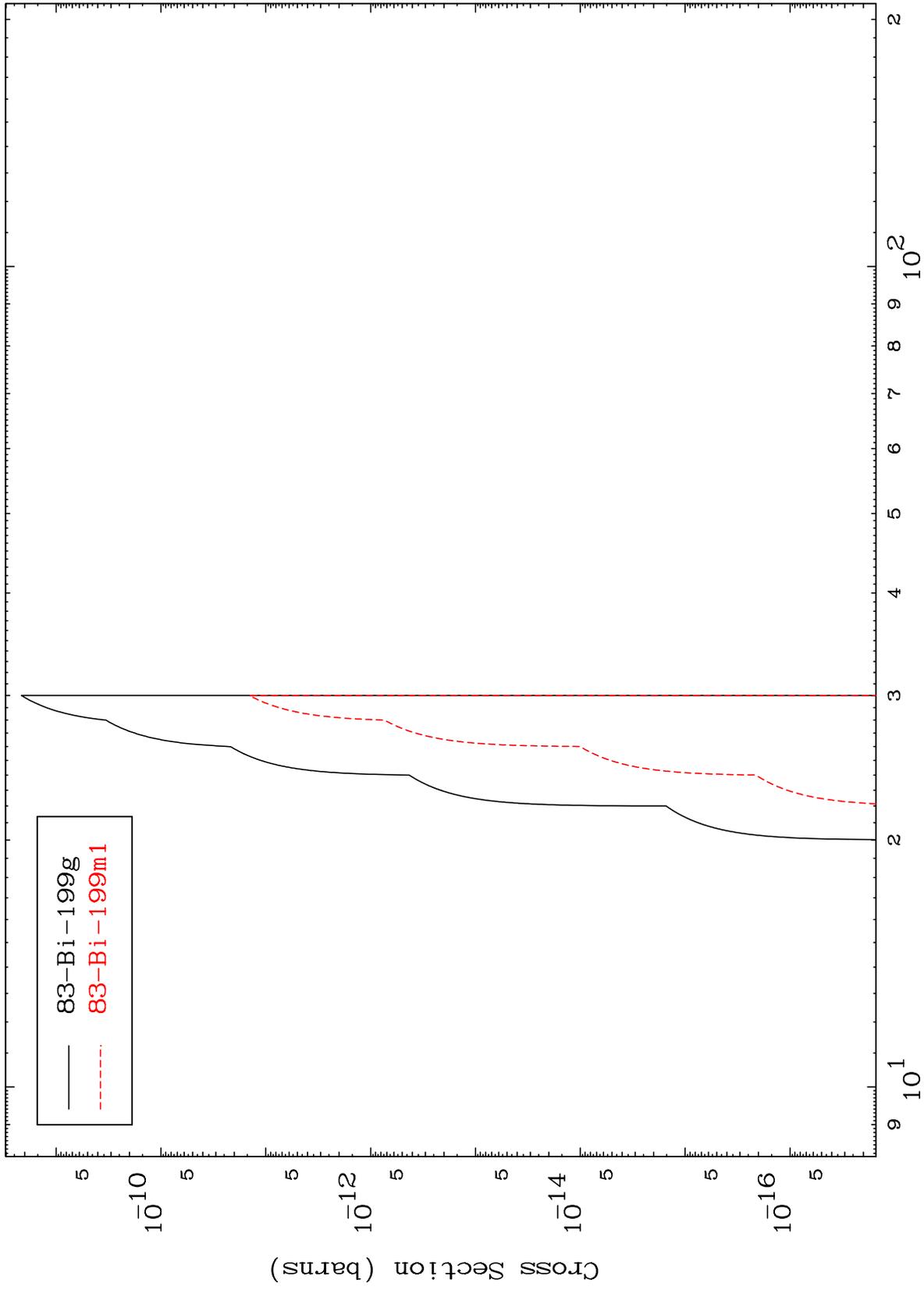
84-Po-201

MAT 8411

(α, d) α

84-Po-201

Radionuclide Production Cross Section



21