

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

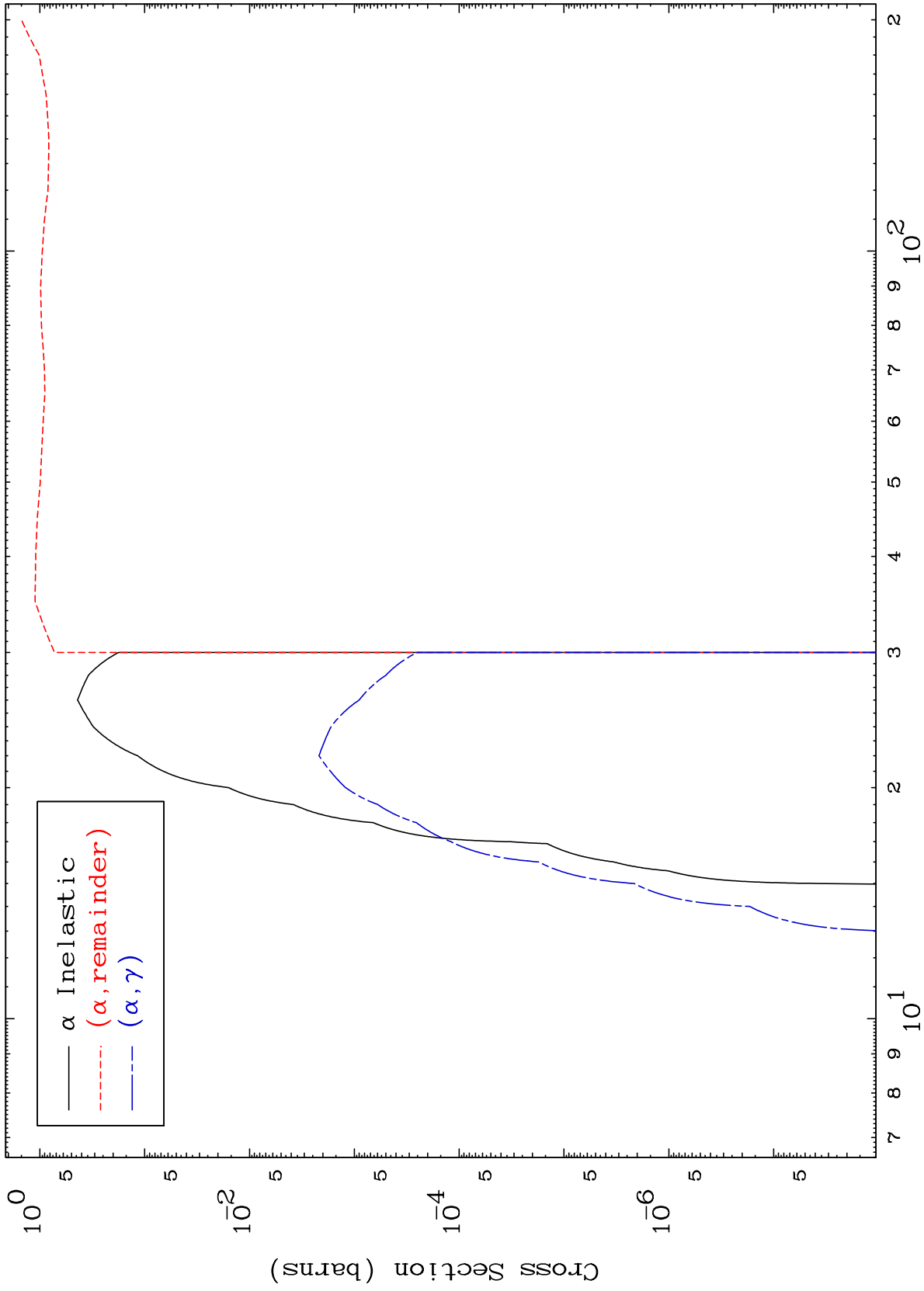
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8528

0 Kelvin α Major
Cross Sections

85-At-204



1

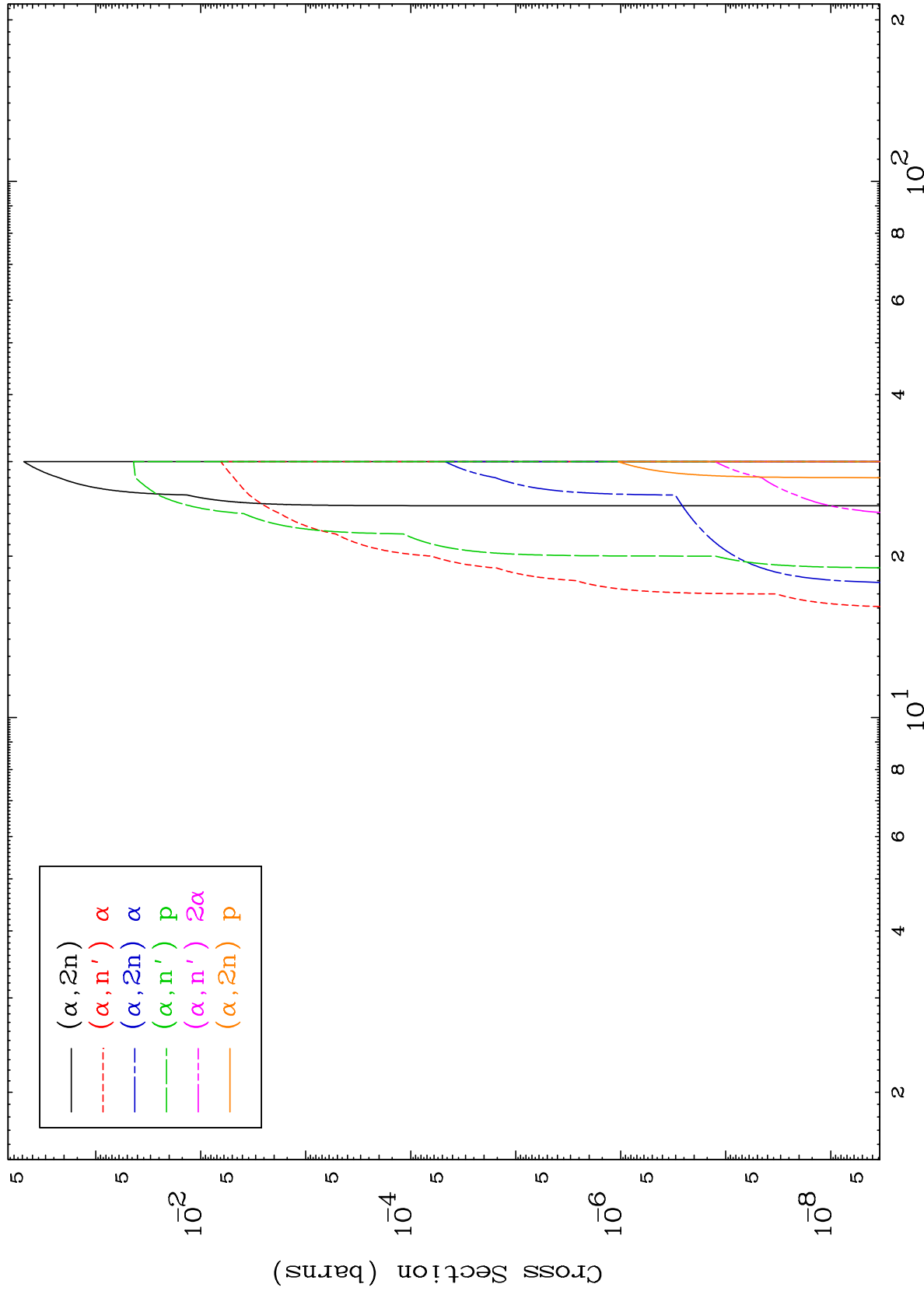
Incident Energy (MeV)

85-At-204

MAT 8528

α Neutron Production
0 Kelvin Cross Sections

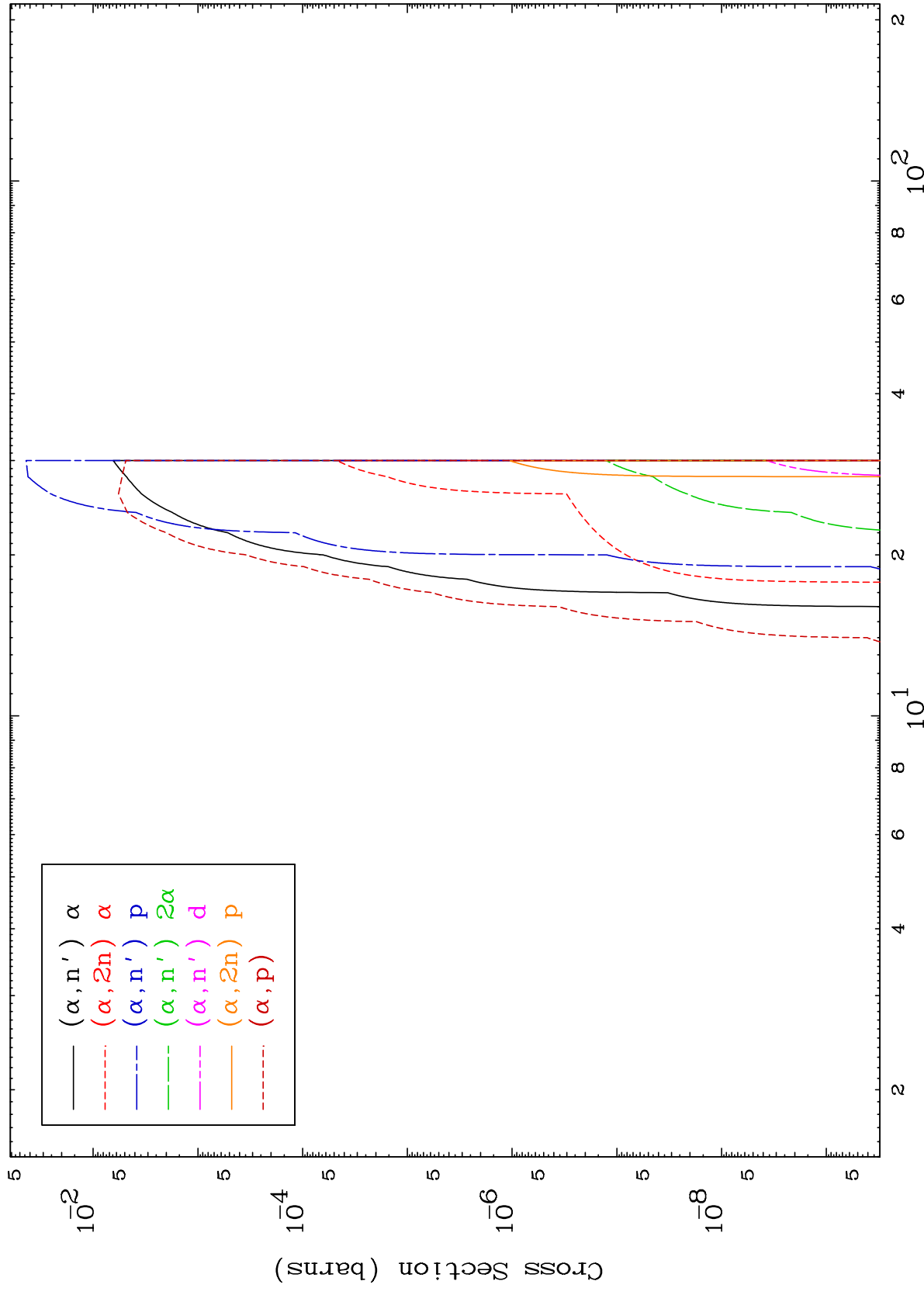
85-At-204



2

Incident Energy (MeV)

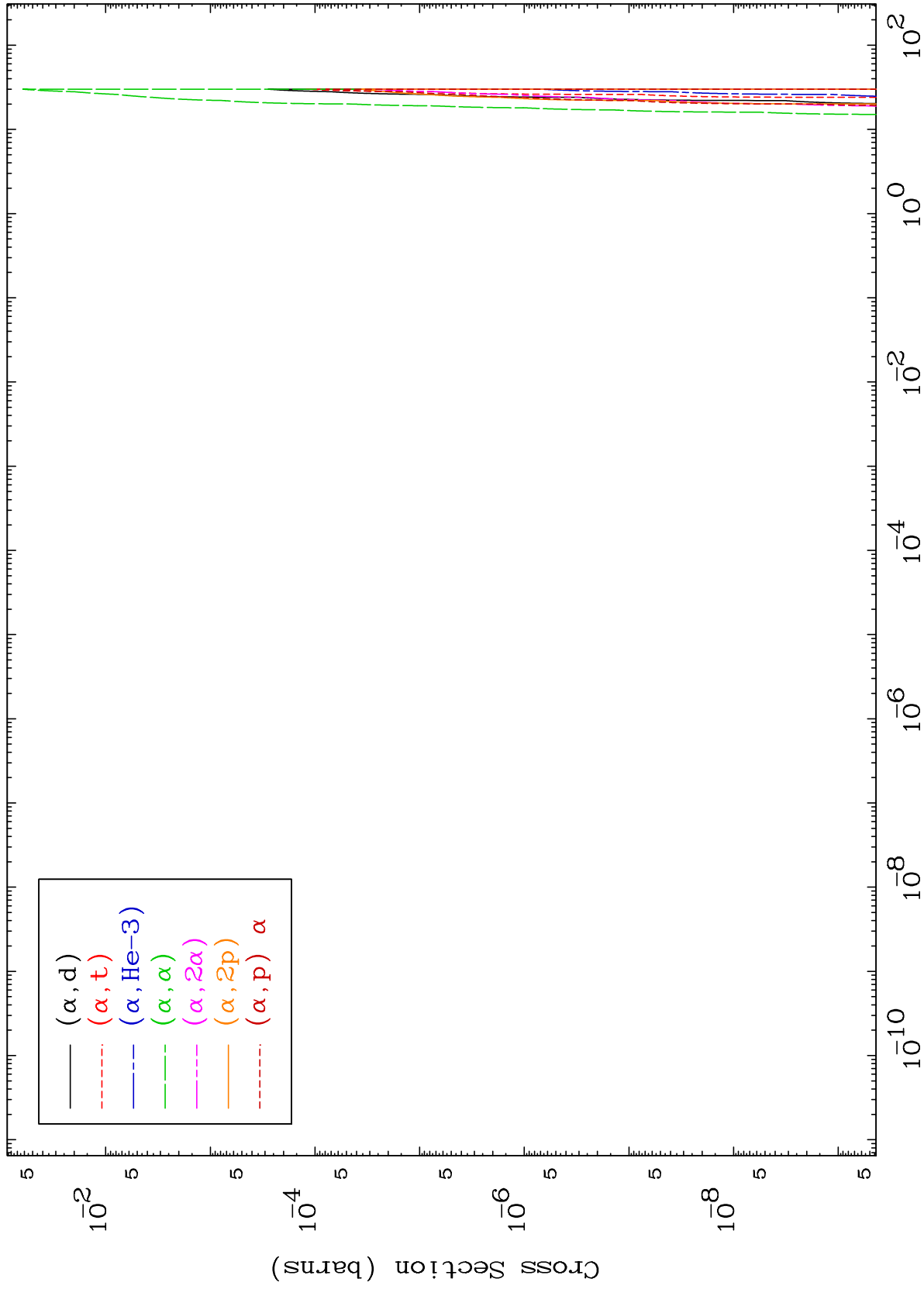
85-At-204

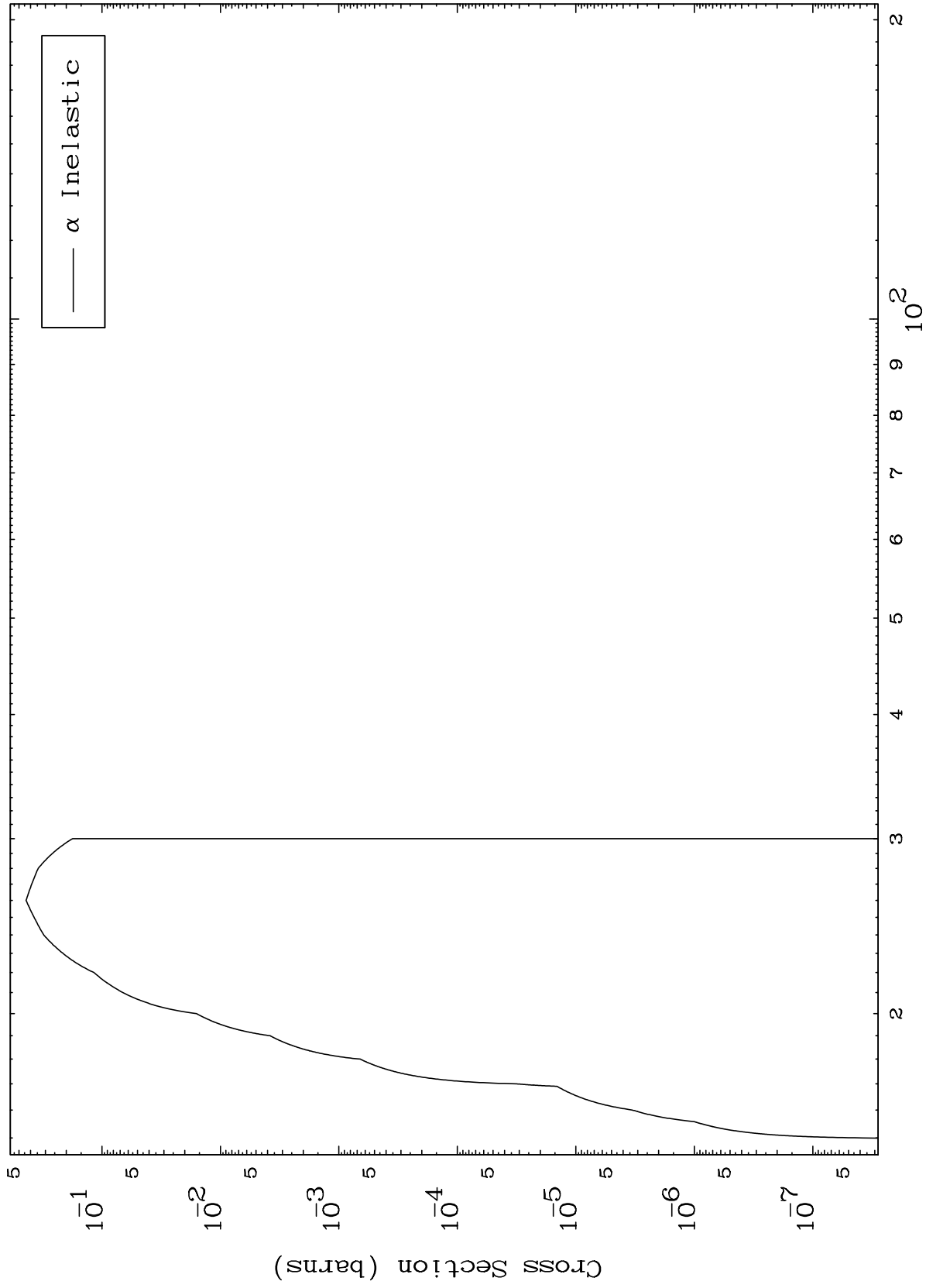


MAT 8528

α Charged Particle
0 Kelvin Cross Sections

85-At-204

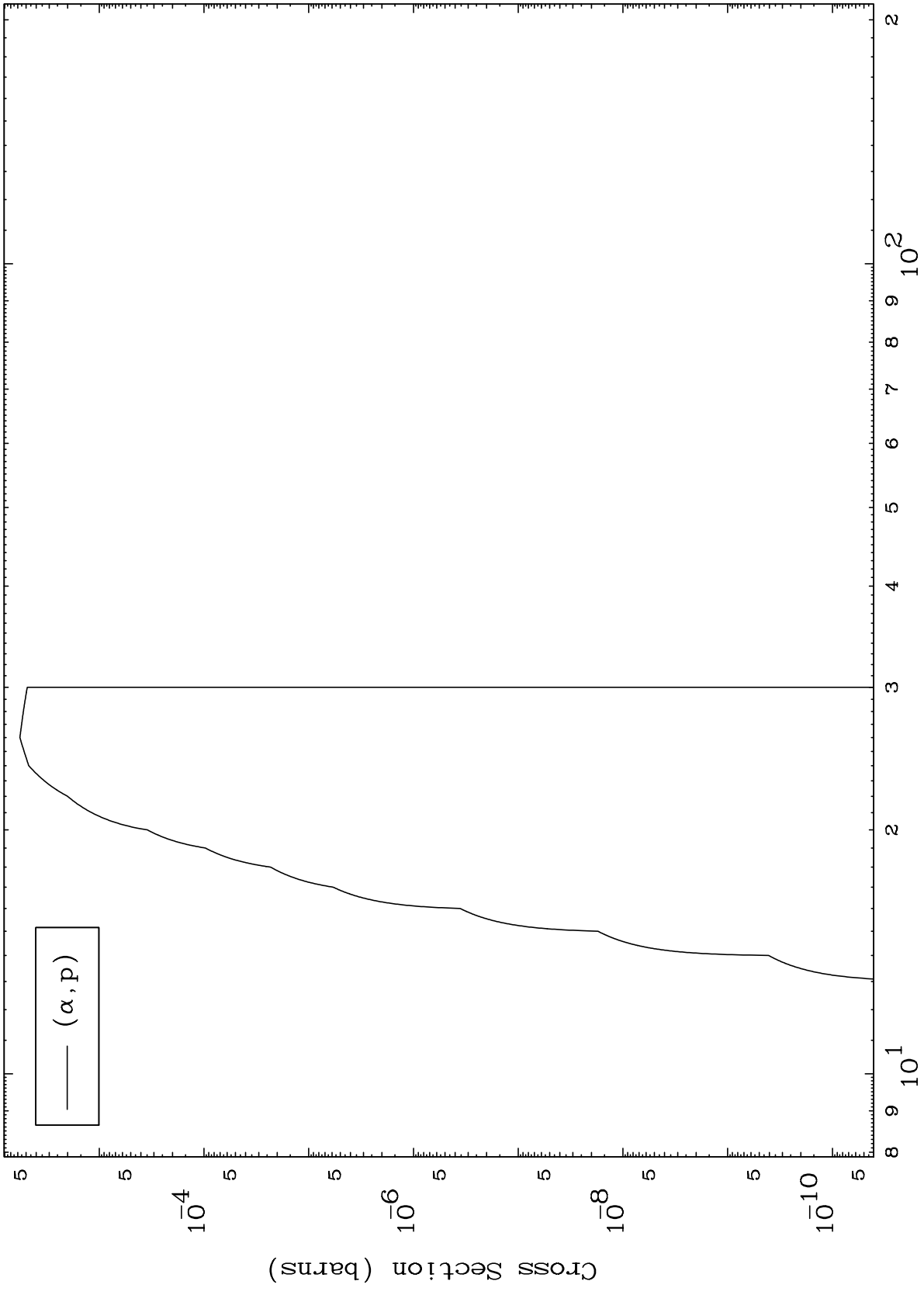




MAT 8528

(α, p) Levels
0 Kelvin Cross Sections

85-At-204



6

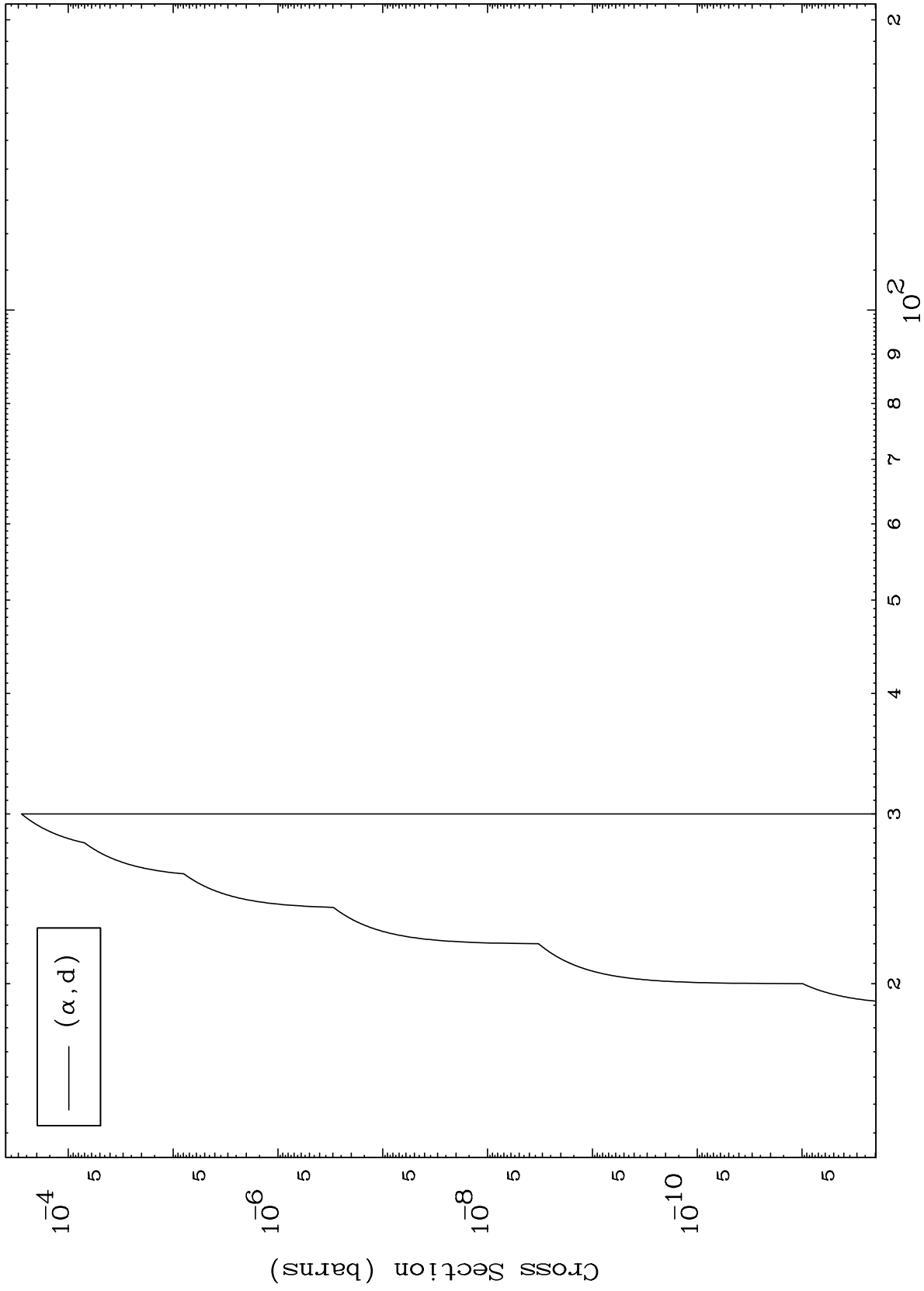
Incident Energy (MeV)

85-At-204

MAT 8528

(α, d) Levels
0 Kelvin Cross Sections

85-At-204



7

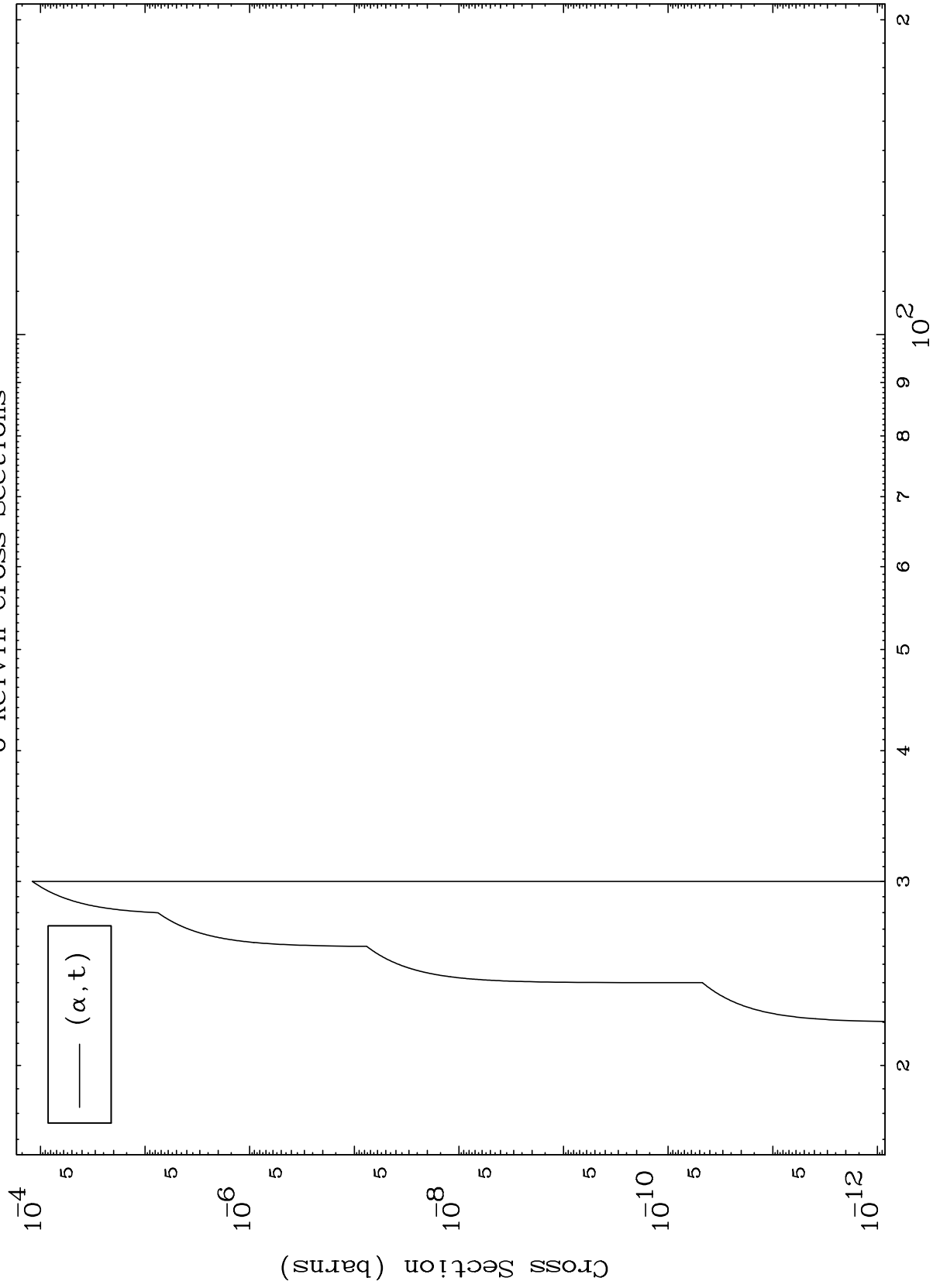
Incident Energy (MeV)

85-At-204

MAT 8528

(α, t) Levels
0 Kelvin Cross Sections

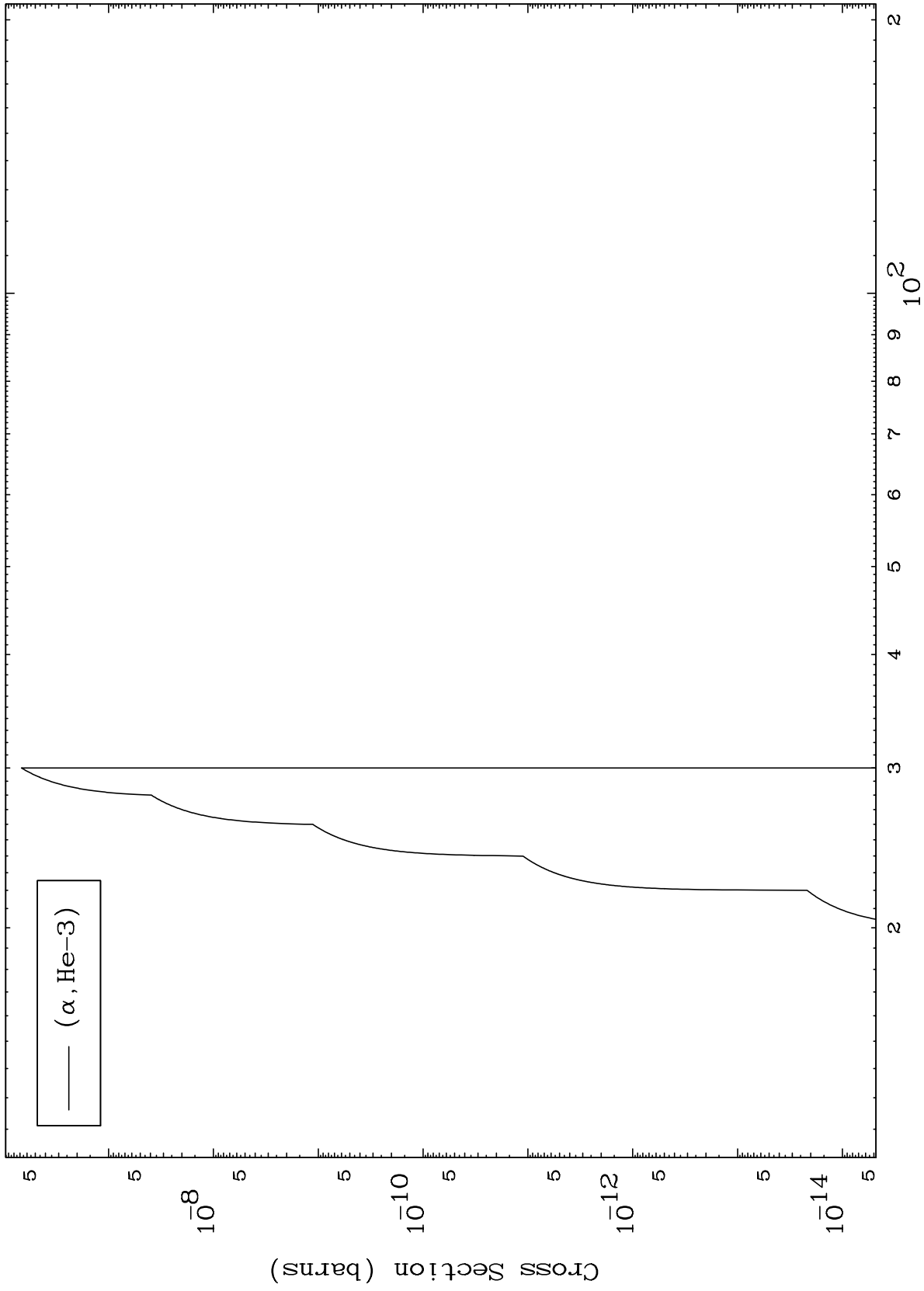
85-At-204



8

Incident Energy (MeV)

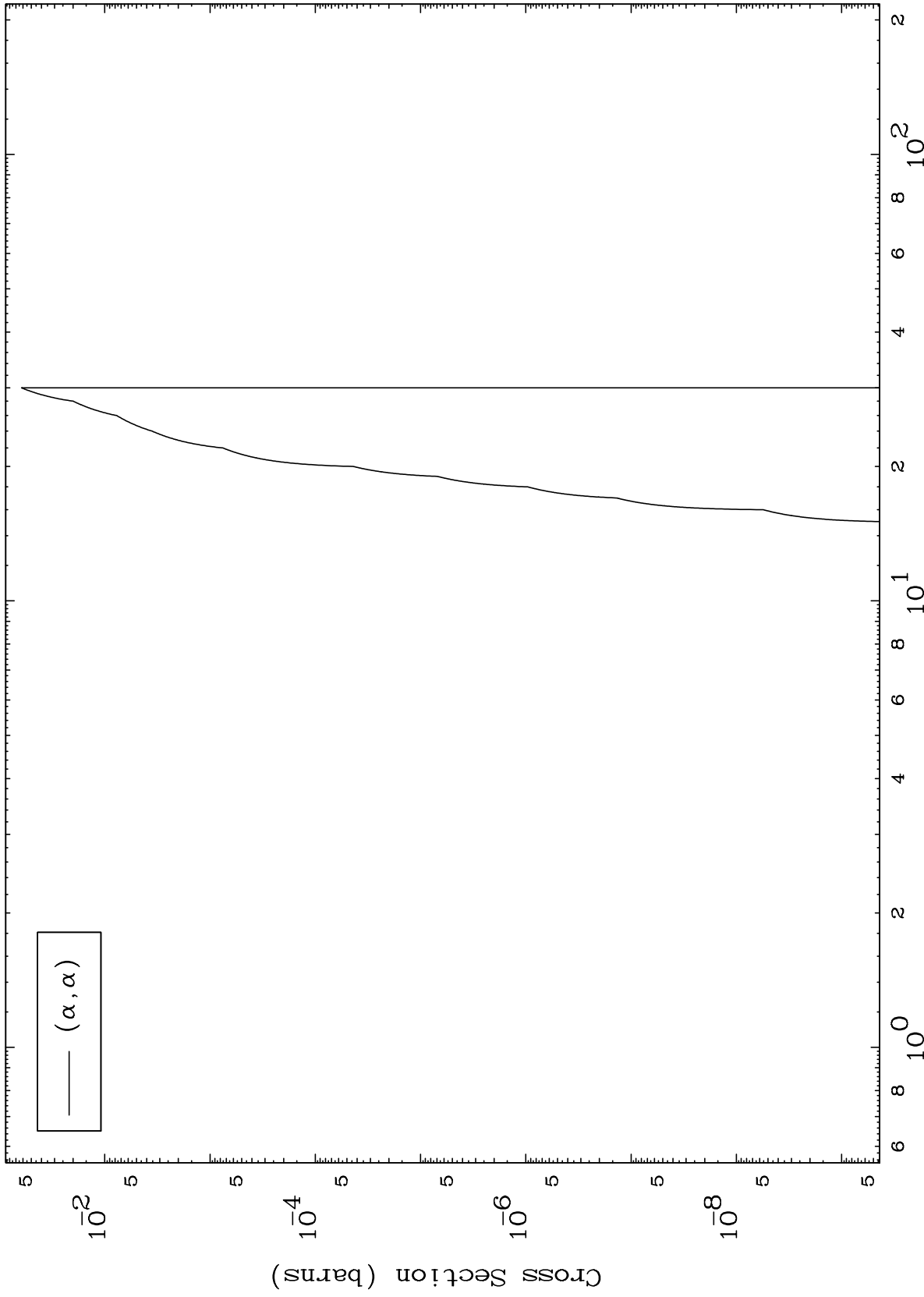
85-At-204



MAT 8528

85-At-204

(α, α) Levels
0 Kelvin Cross Sections



10

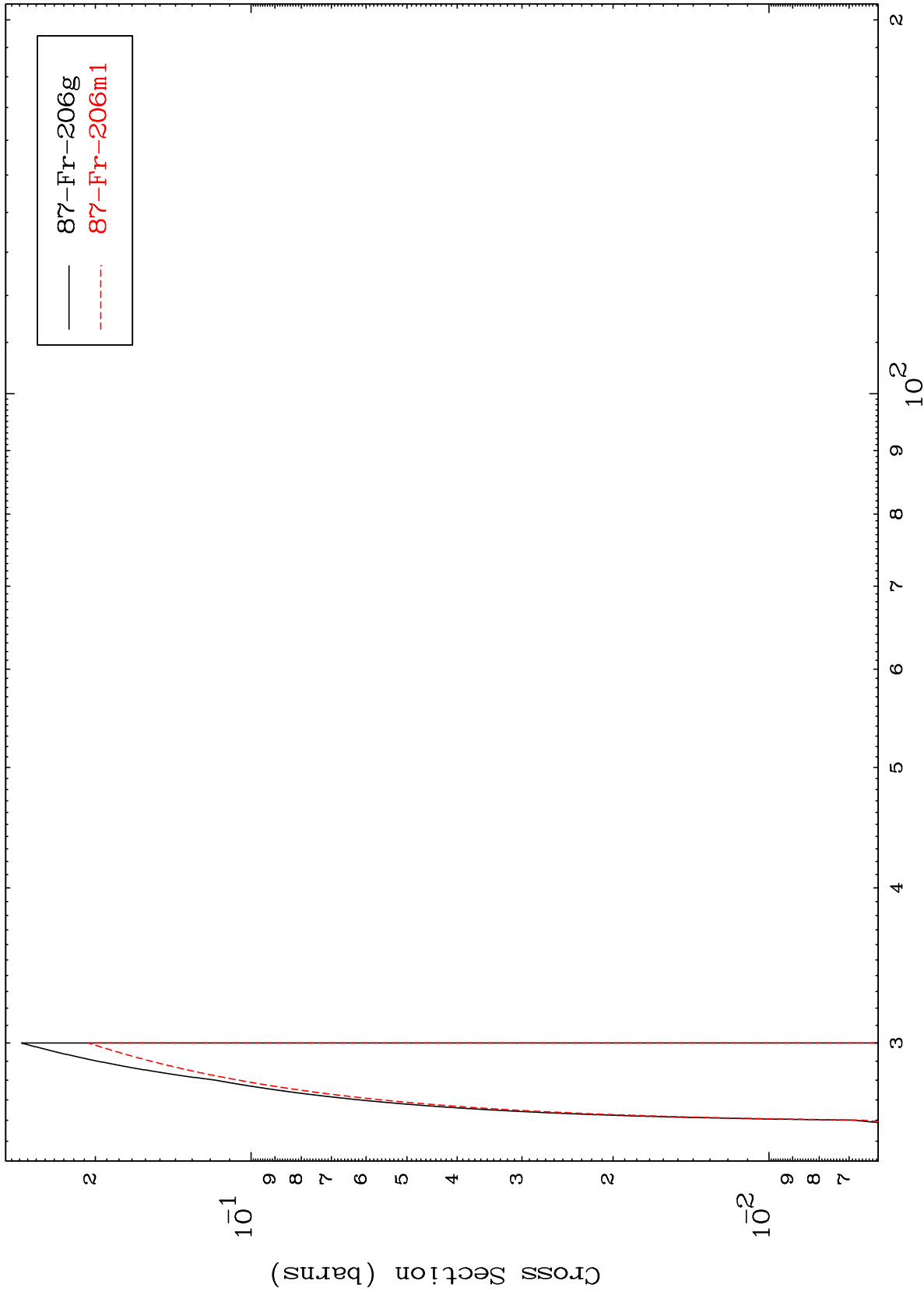
Incident Energy (MeV)

85-At-204

MAT 8528

85-At-204

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



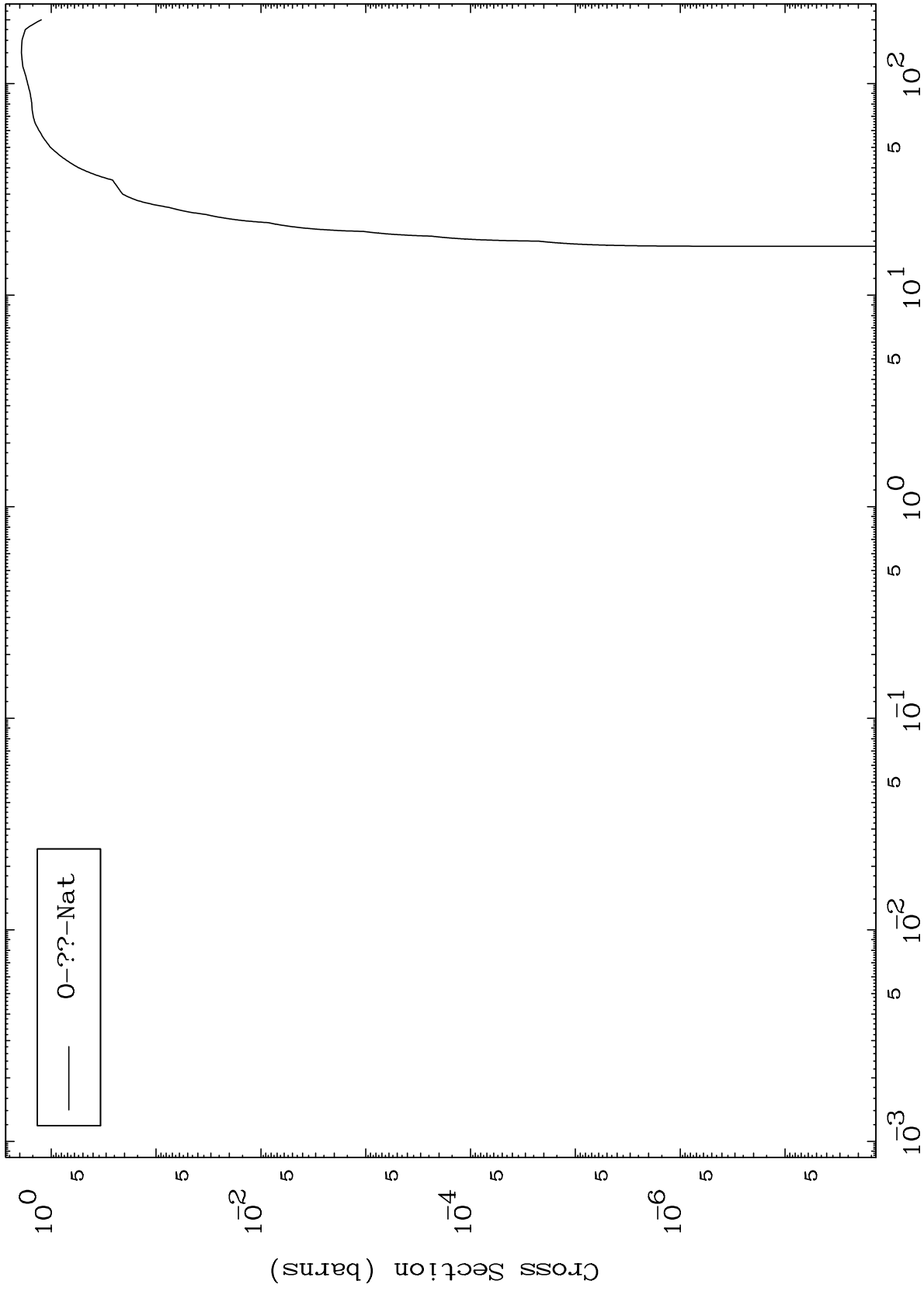
11

85-At-204

MAT 8528

85-At-204

α Fission
Radionuclide Production Cross Section



12

Incident Energy (MeV)

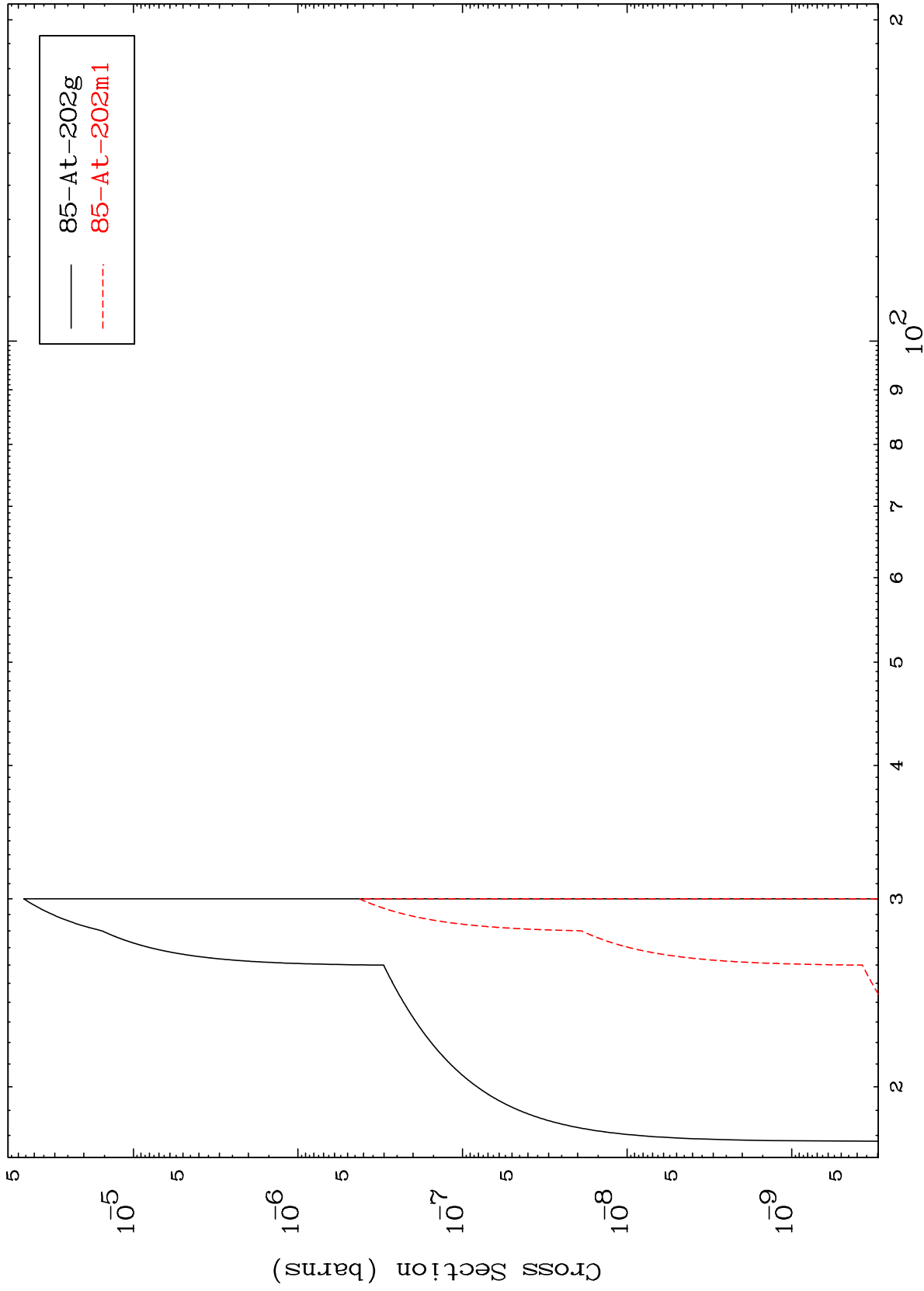
85-At-204

MAT 8528

($\alpha, 2n$) α

85-At-204

Radionuclide Production Cross Section



13

Incident Energy (MeV)

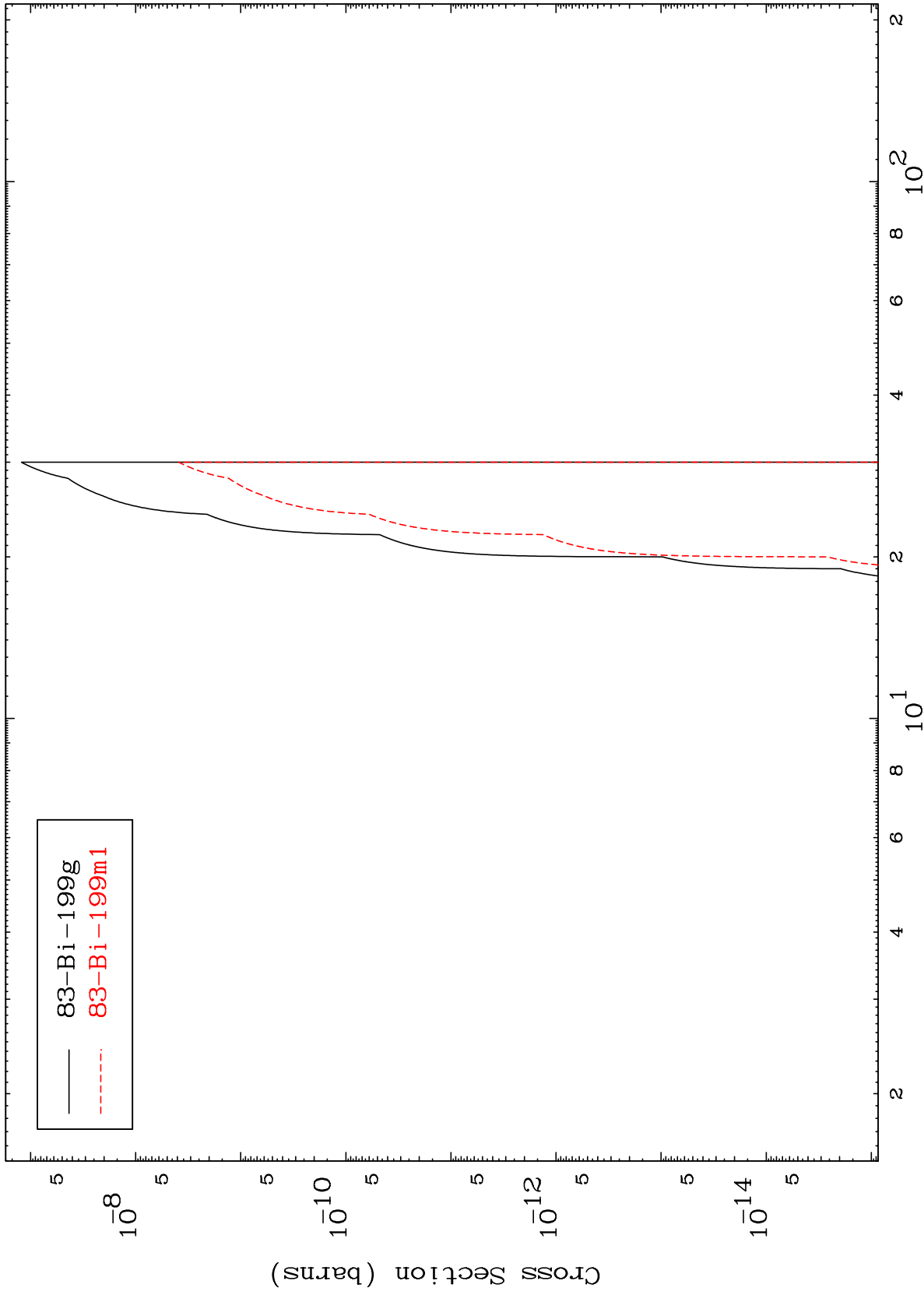
85-At-204

MAT 8528

(α, n') 2α

85-At-204

Radionuclide Production Cross Section



14

Incident Energy (MeV)

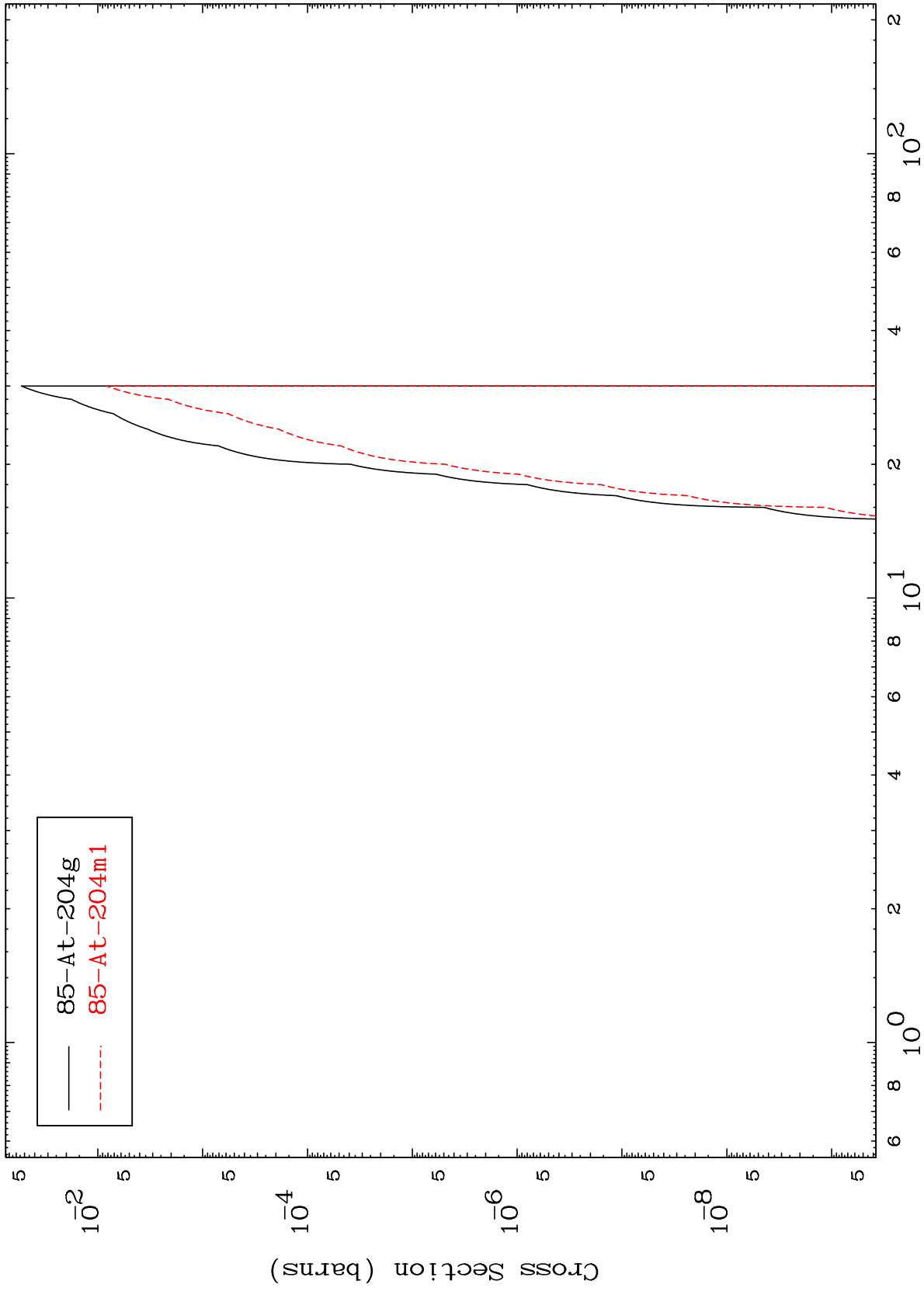
85-At-204

MAT 8528

(α, α)

85-At-204

Radionuclide Production Cross Section



15

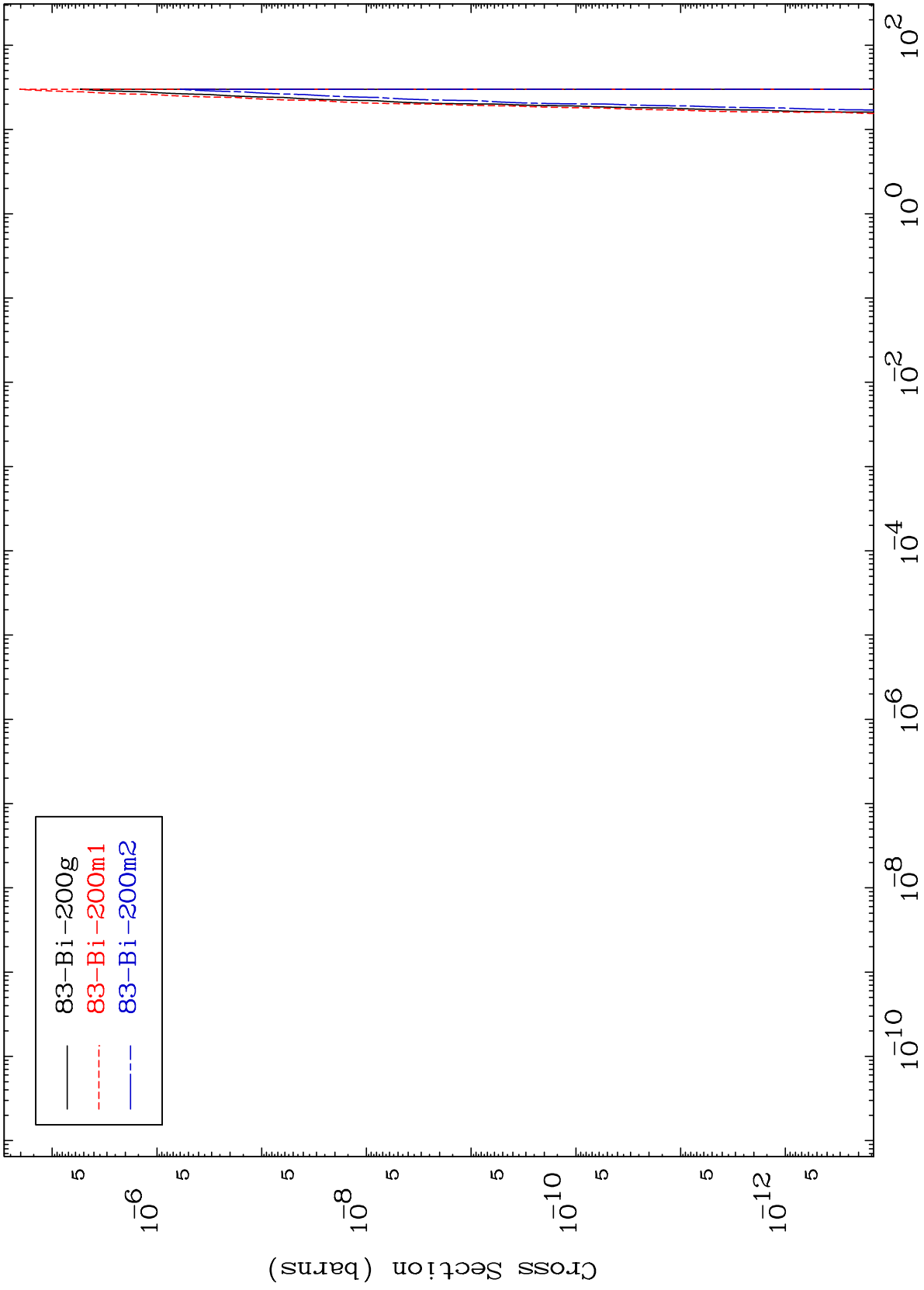
Incident Energy (MeV)

85-At-204

MAT 8528

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

85-At-204



16

Incident Energy (MeV)

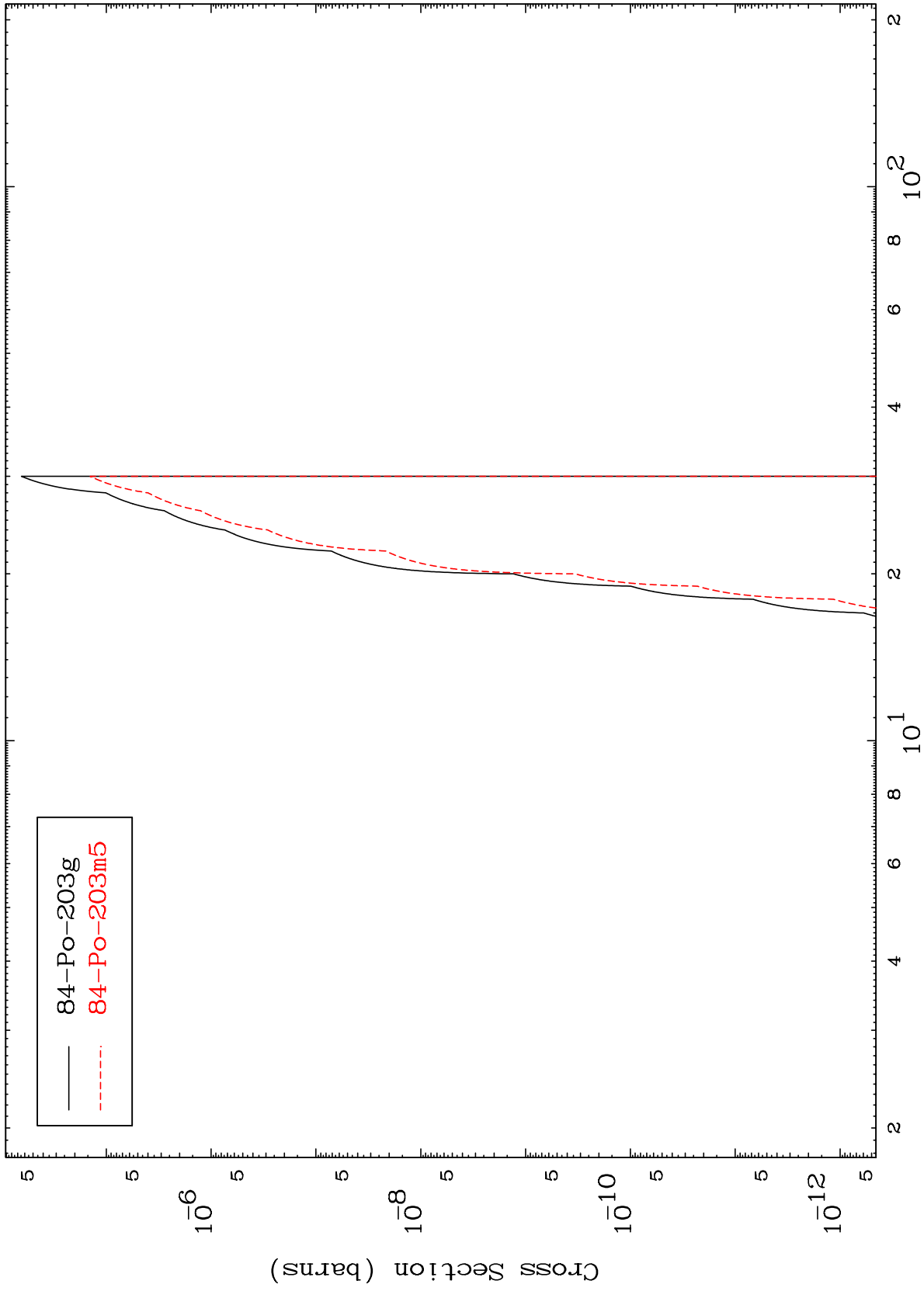
85-At-204

MAT 8528

(α, p) α

85-At-204

Radionuclide Production Cross Section



17

Incident Energy (MeV)

85-At-204