

Program EVALPLOT
(Version 2018-1)

by

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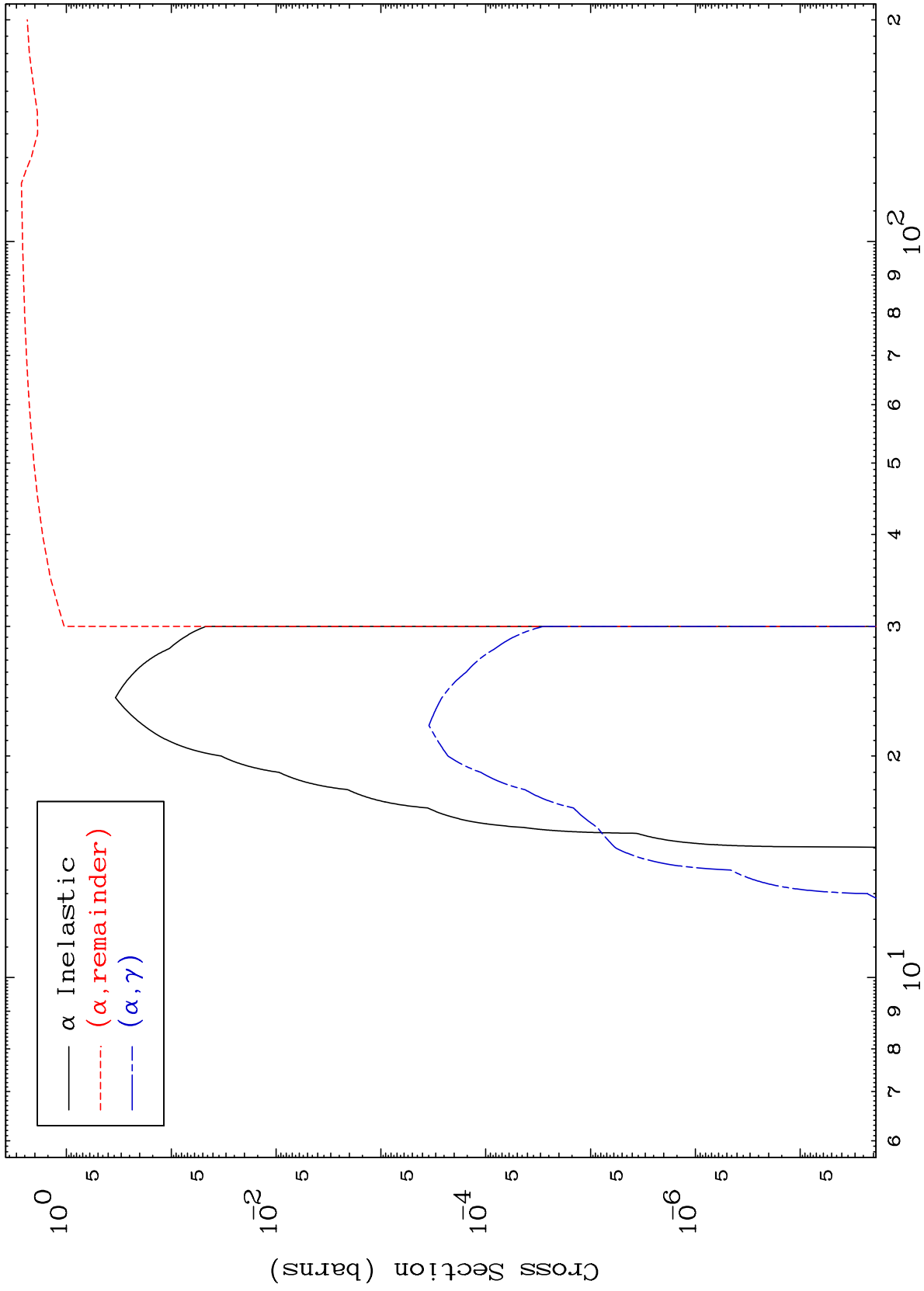
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8307

0 Kelvin α Major
Cross Sections

83-Bi-203



1

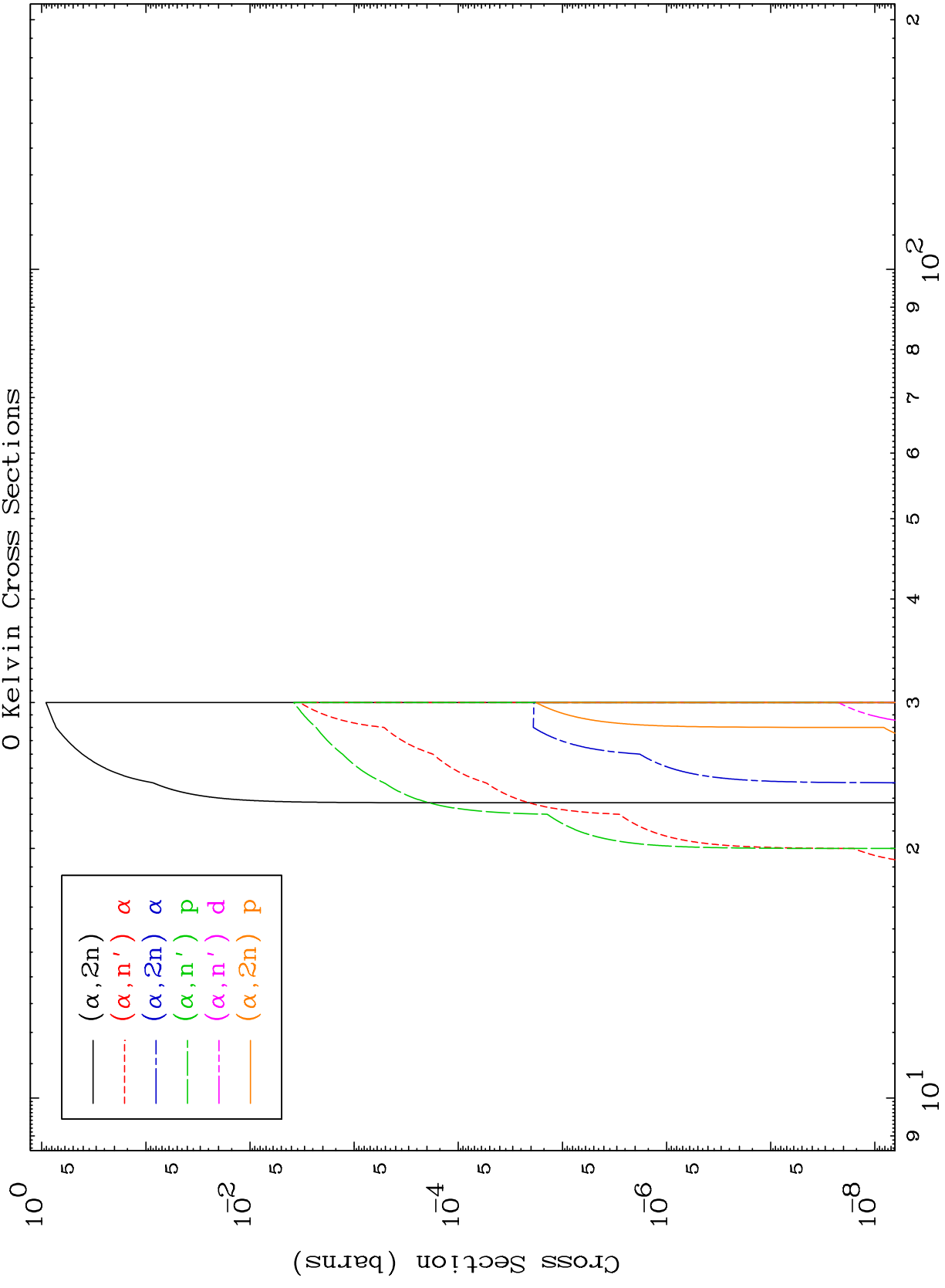
Incident Energy (MeV)

83-Bi-203

MAT 8307

α Neutron Production
0 Kelvin Cross Sections

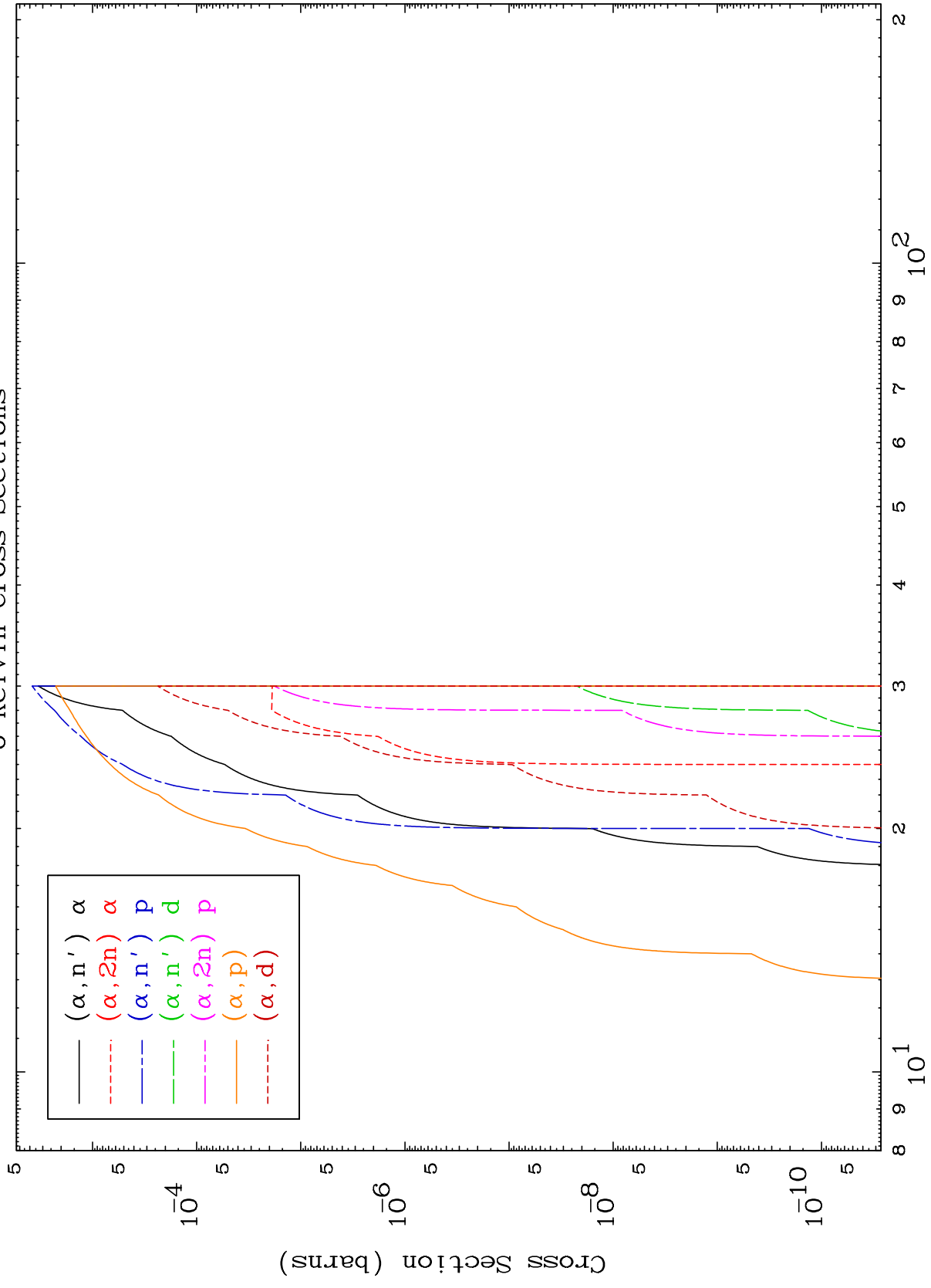
83-Bi-203



83-Bi-203

Incident Energy (MeV)

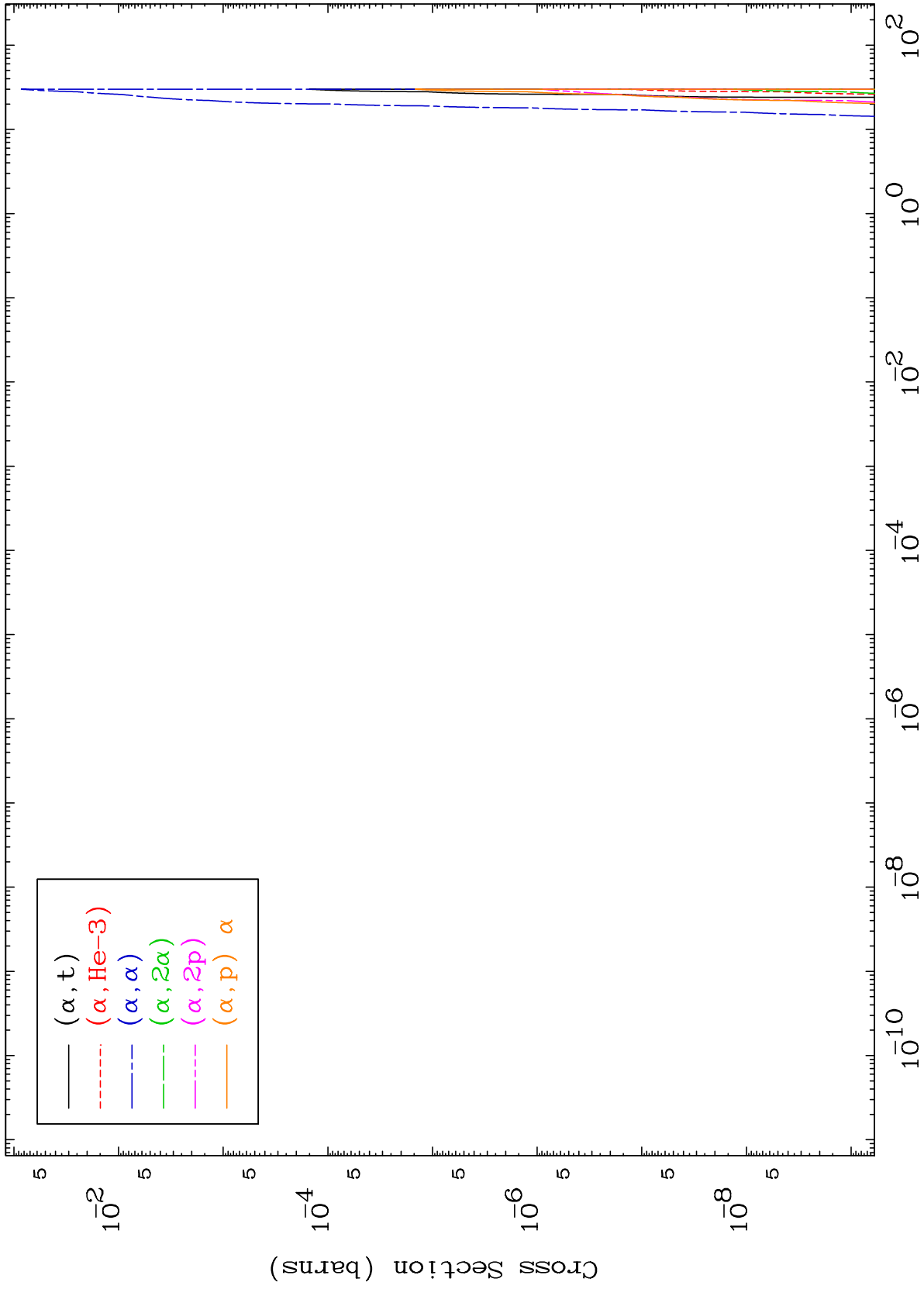
2



MAT 8307

α Charged Particle
0 Kelvin Cross Sections

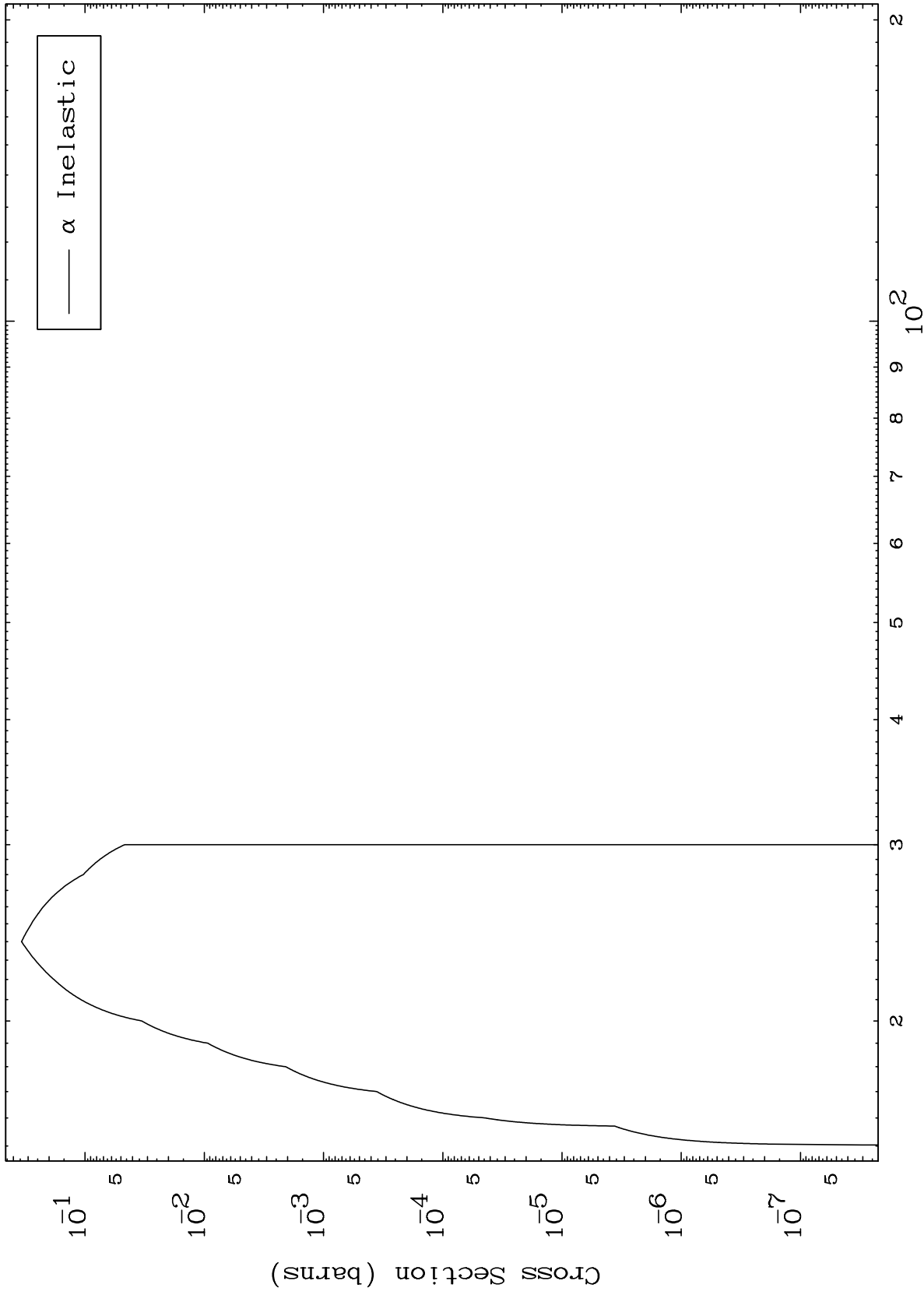
83-Bi-203



MAT 8307

(α, n') Level
0 Kelvin Cross Sections

83-Bi-203



5

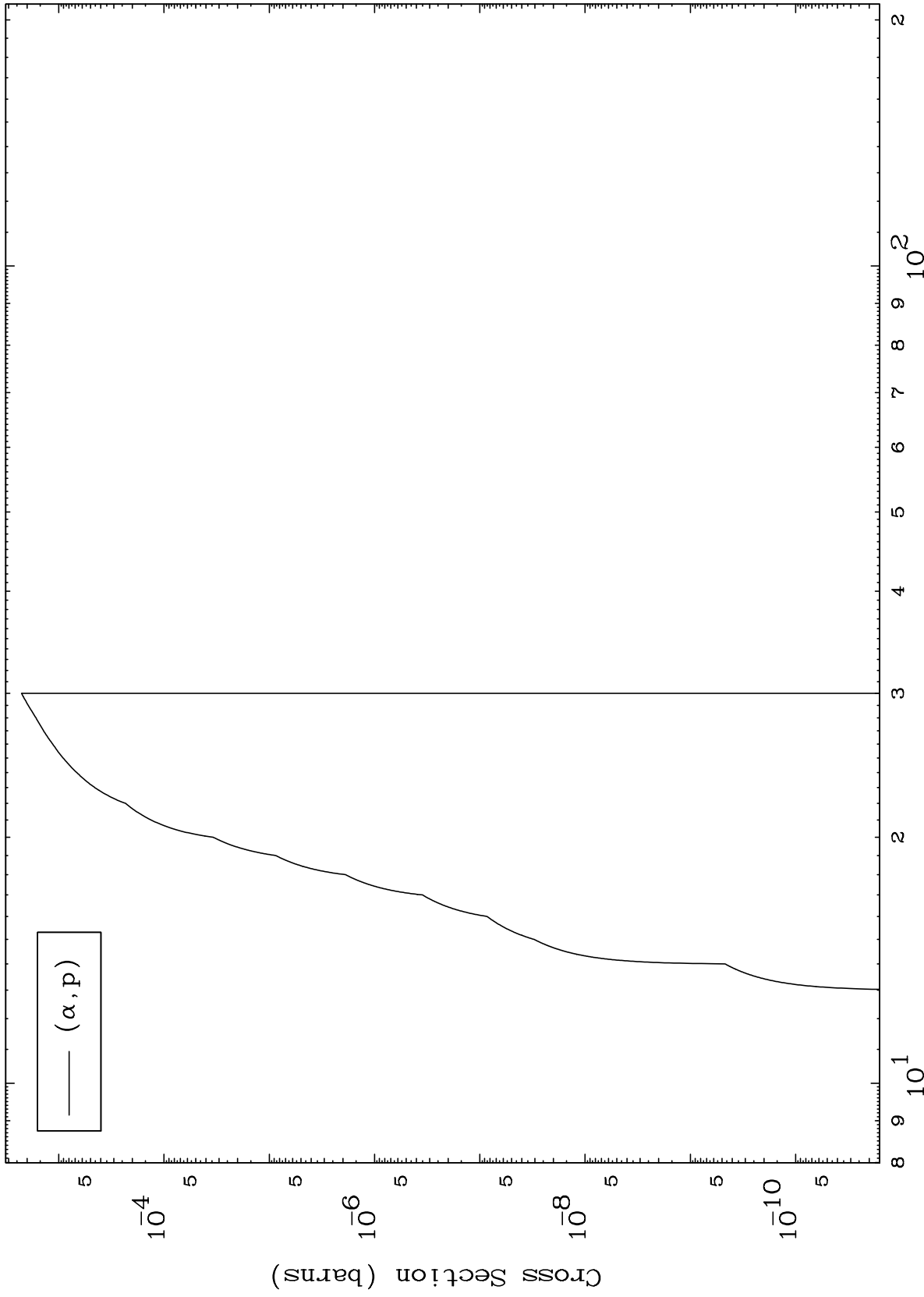
Incident Energy (MeV)

83-Bi-203

MAT 8307

(α, p) Levels
0 Kelvin Cross Sections

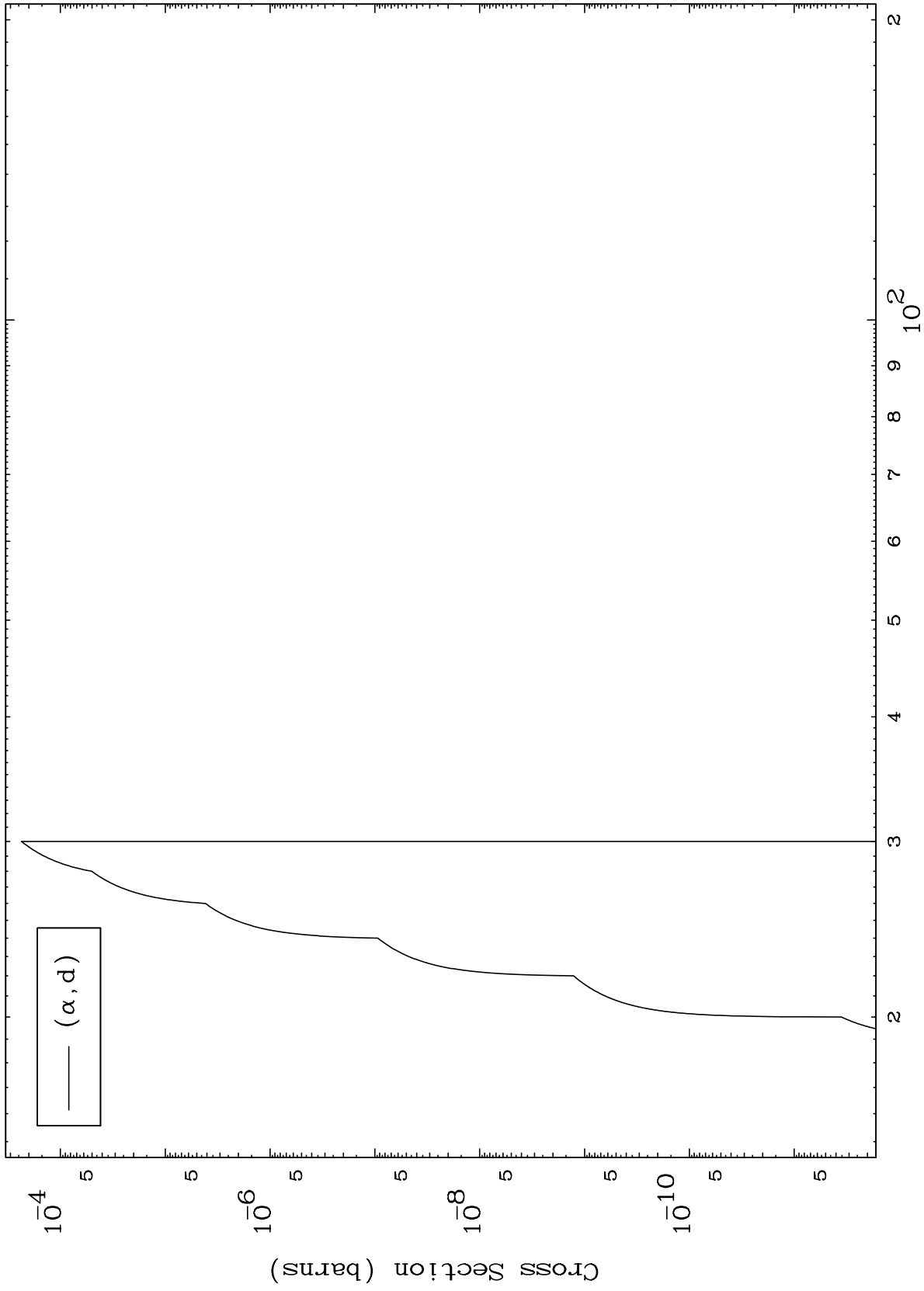
83-Bi-203



6

Incident Energy (MeV)

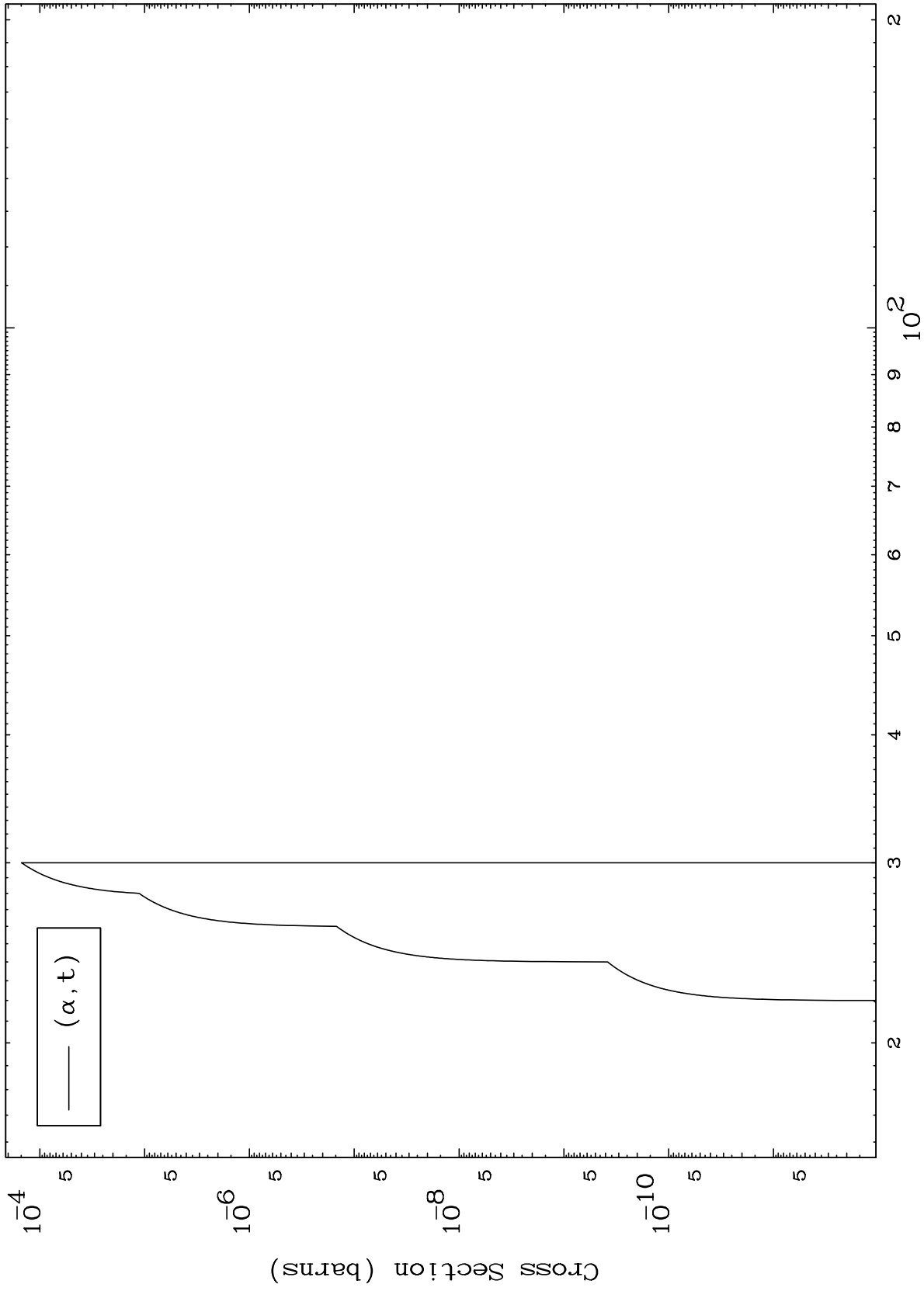
83-Bi-203



MAT 8307

(α, t) Levels
0 Kelvin Cross Sections

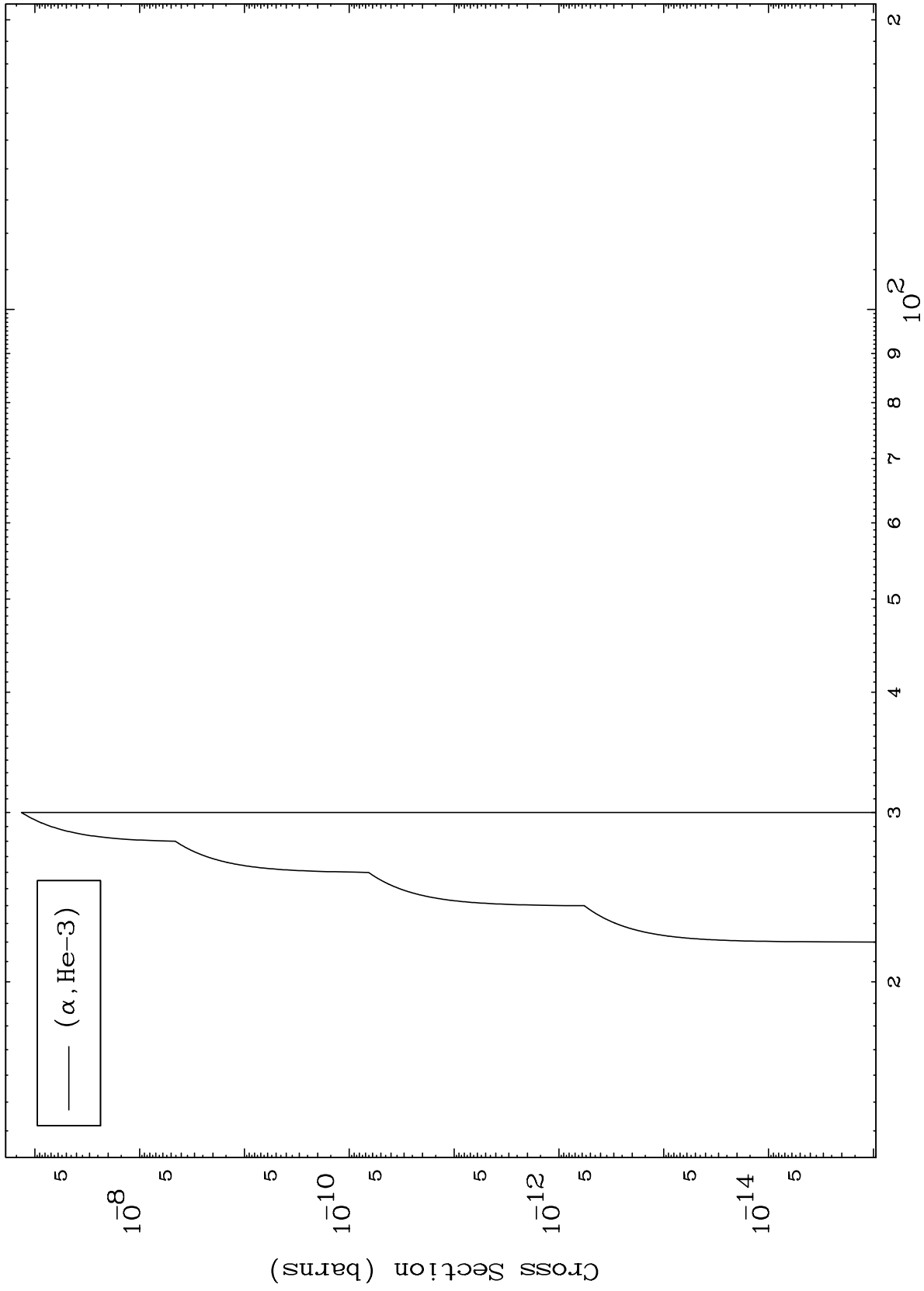
83-Bi-203



8

Incident Energy (MeV)

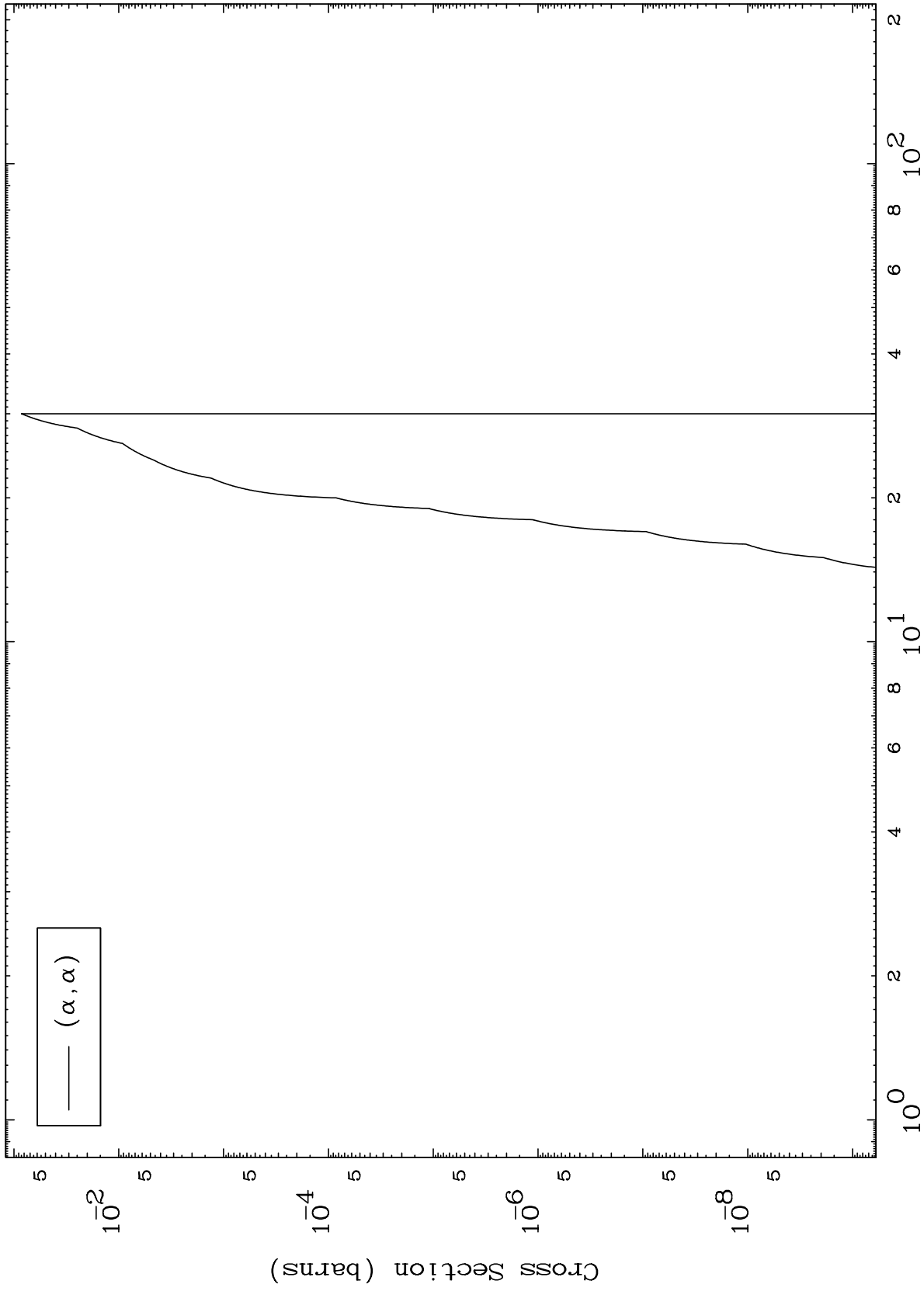
83-Bi-203



MAT 8307

(α, α) Levels
0 Kelvin Cross Sections

83-Bi-203



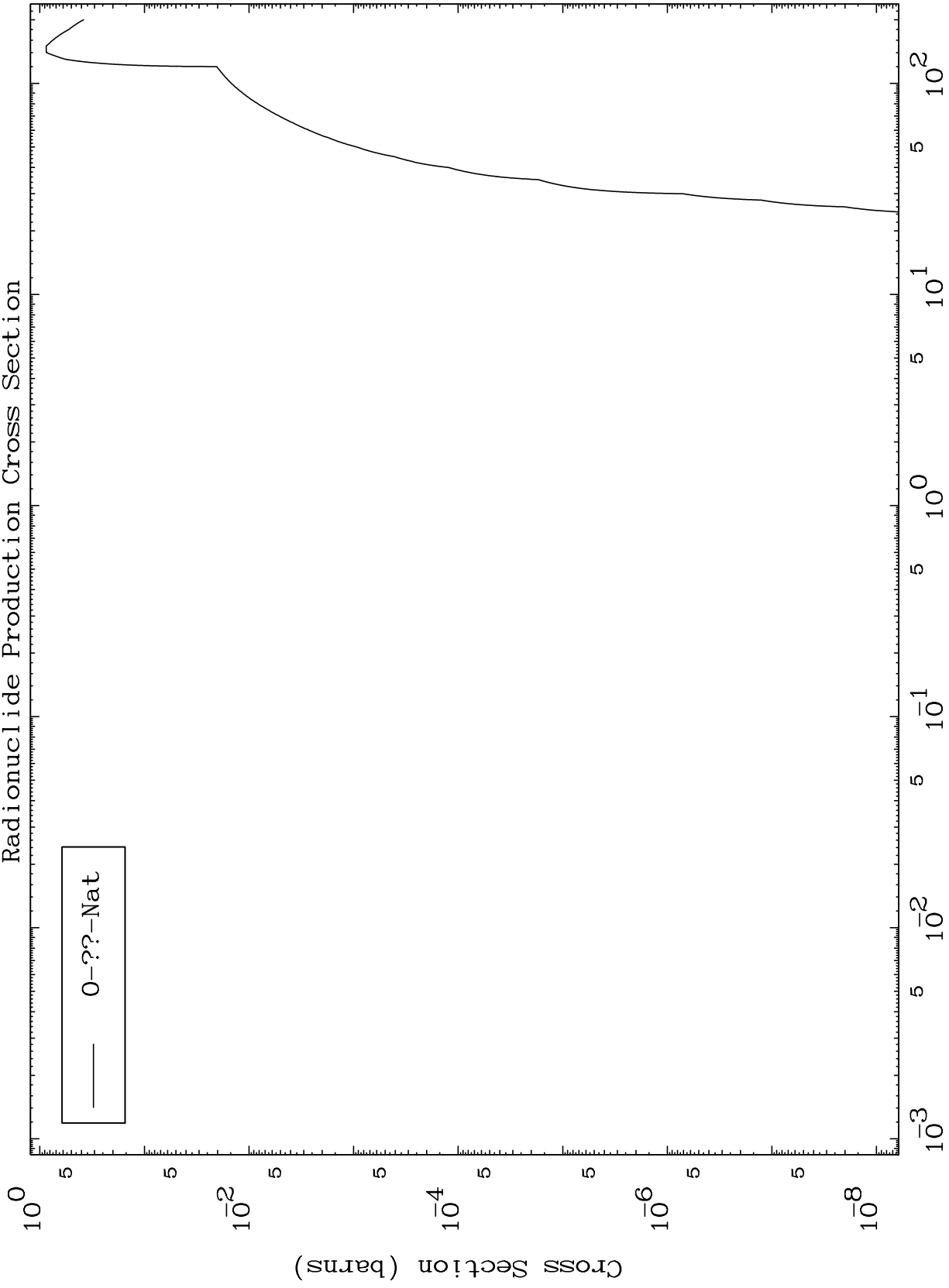
Incident Energy (MeV)

83-Bi-203

MAT 8307

α Fission
Radionuclide Production Cross Section

83-Bi-203



11

Incident Energy (MeV)

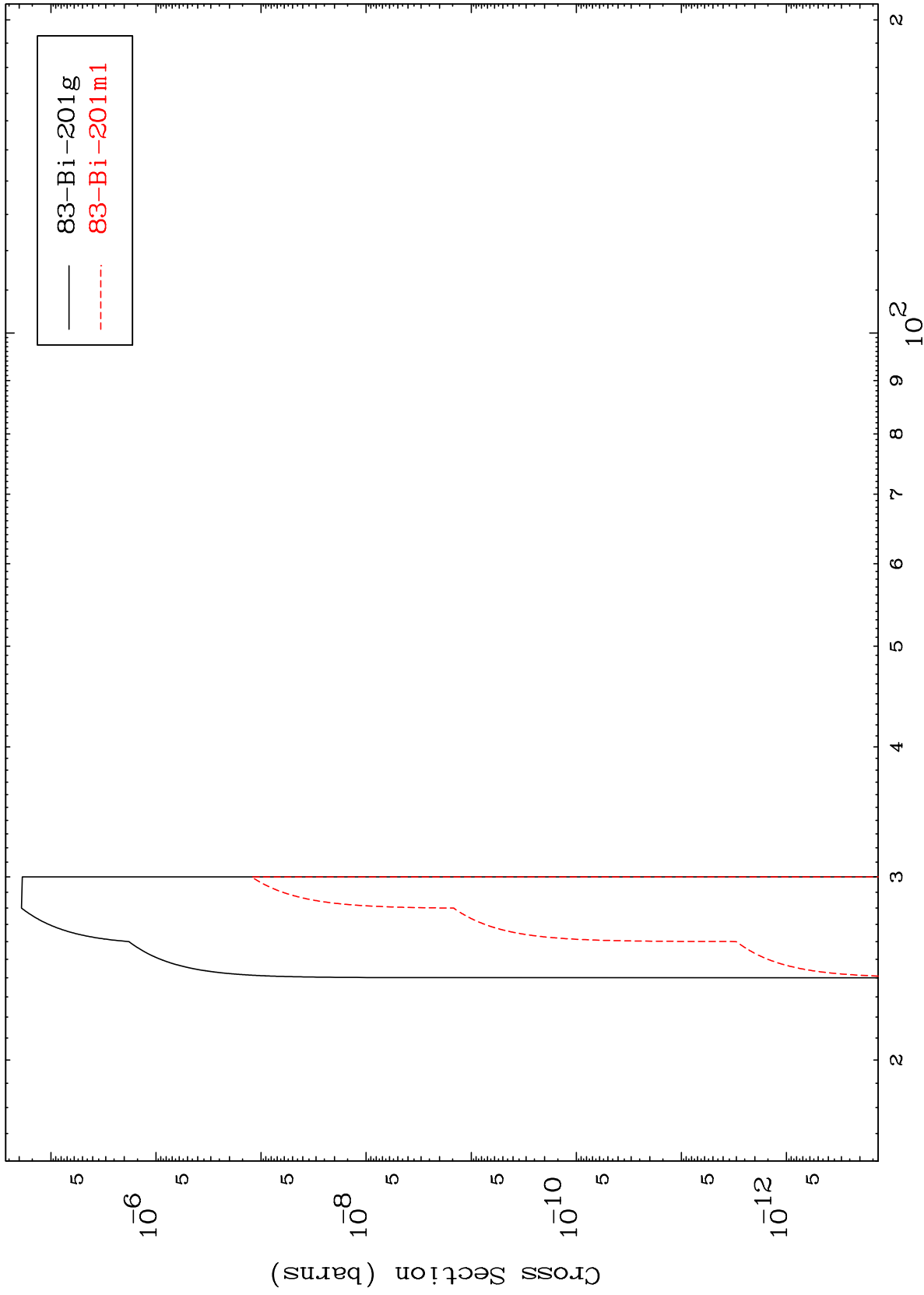
83-Bi-203

MAT 8307

$(\alpha, 2n) \alpha$

$^{83}\text{Bi}-203$

Radionuclide Production Cross Section



12

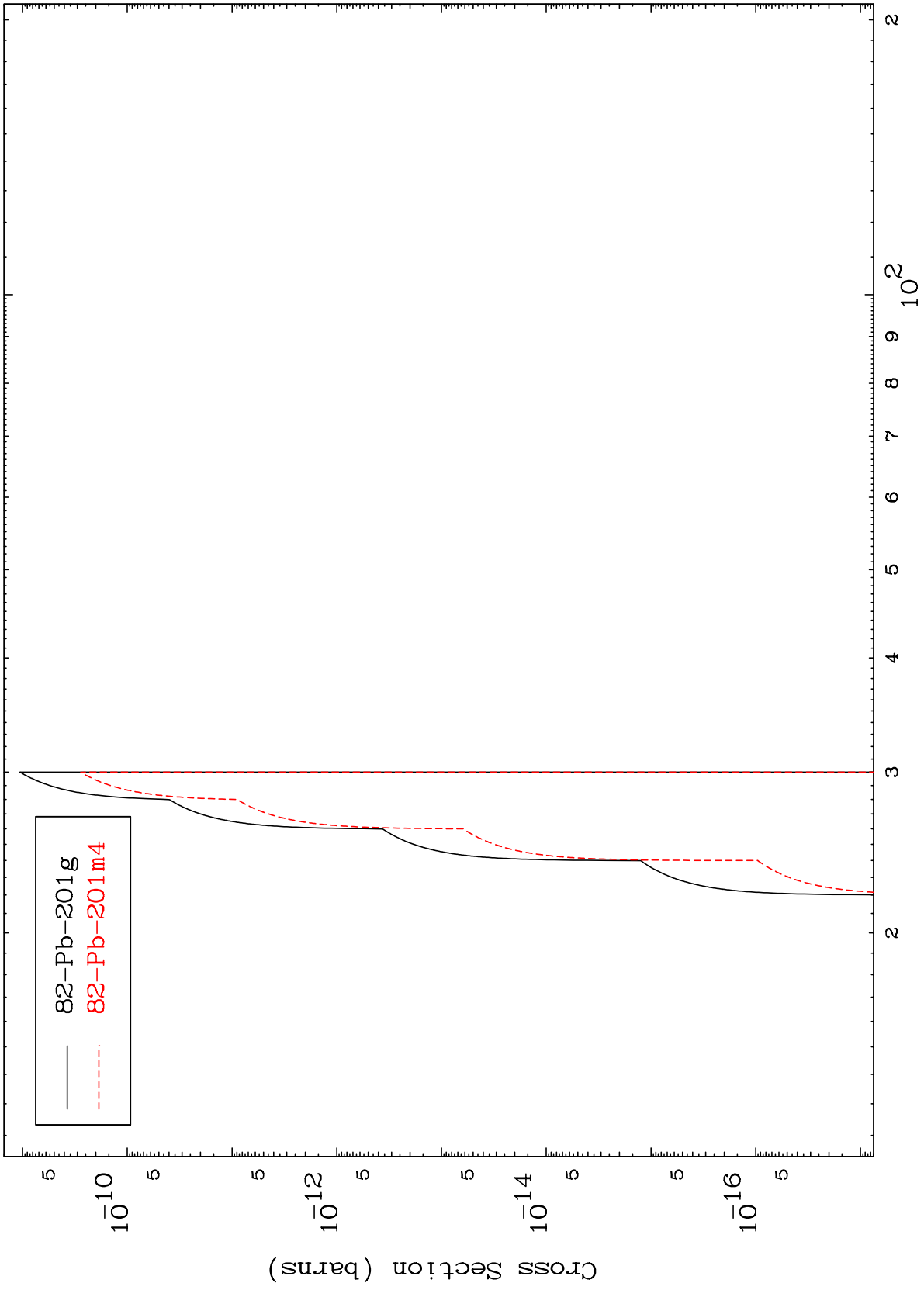
Incident Energy (MeV)

$^{83}\text{Bi}-203$

MAT 8307

83-Bi-203

(α, n') p α
Radionuclide Production Cross Section



13

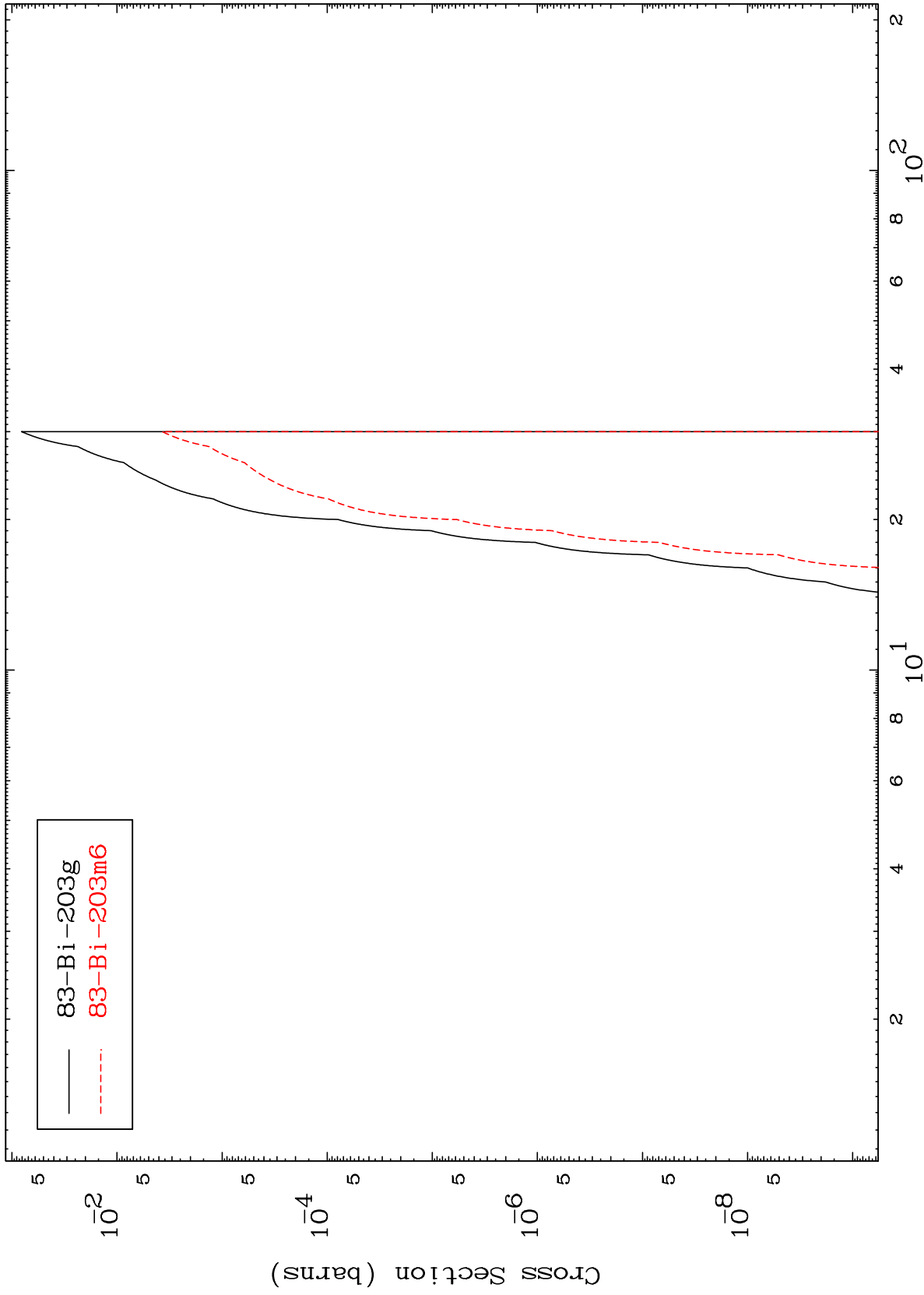
83-Bi-203

MAT 8307

(α, α)

83-Bi-203

Radionuclide Production Cross Section



14

Incident Energy (MeV)

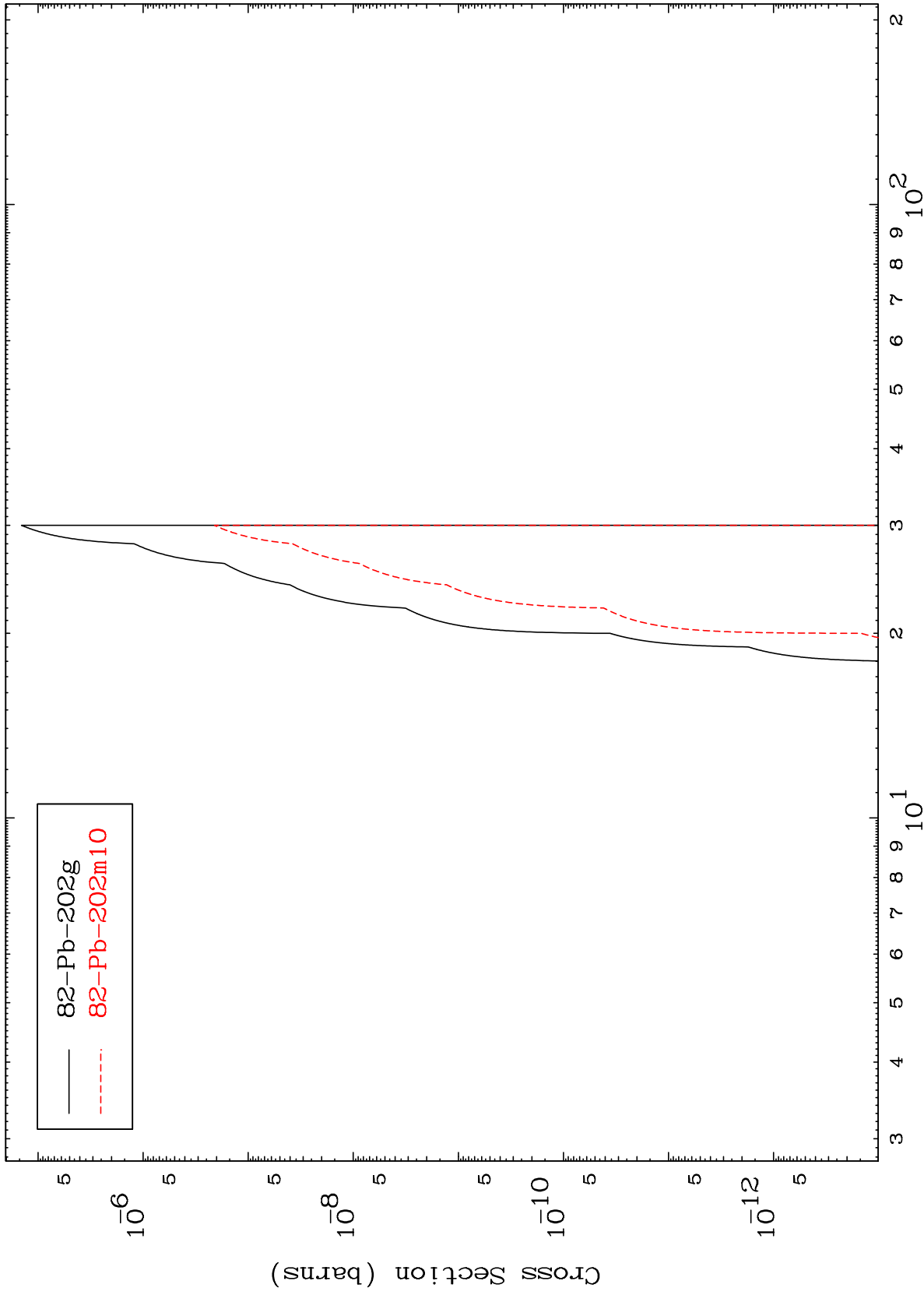
83-Bi-203

MAT 8307

(α, p) α

83-Bi-203

Radionuclide Production Cross Section



15

Incident Energy (MeV)

83-Bi-203