

Program EVALPLOT
(Version 2018-1)

by

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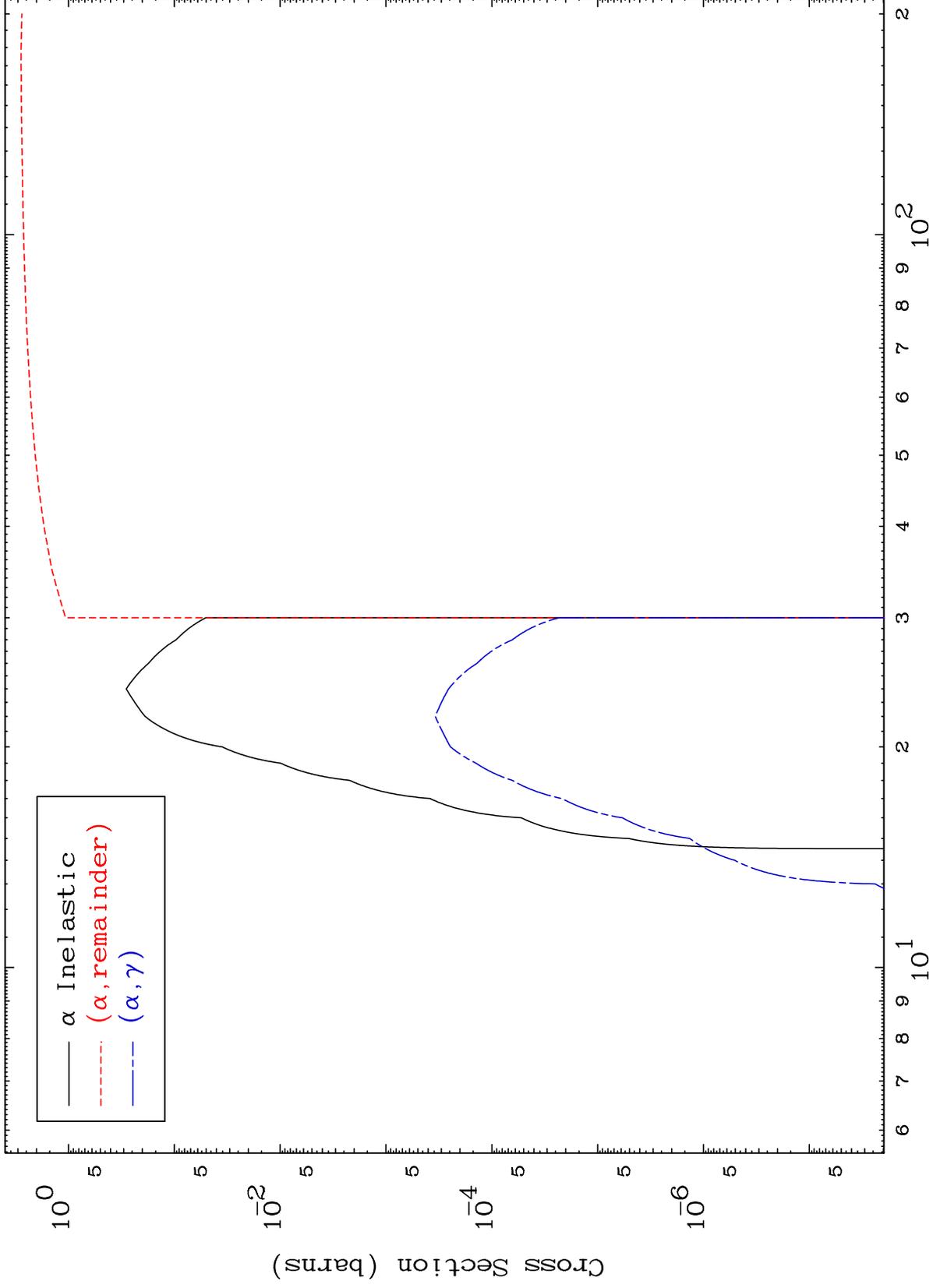
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8313

α Major
0 Kelvin Cross Sections

83-Bi-205



1

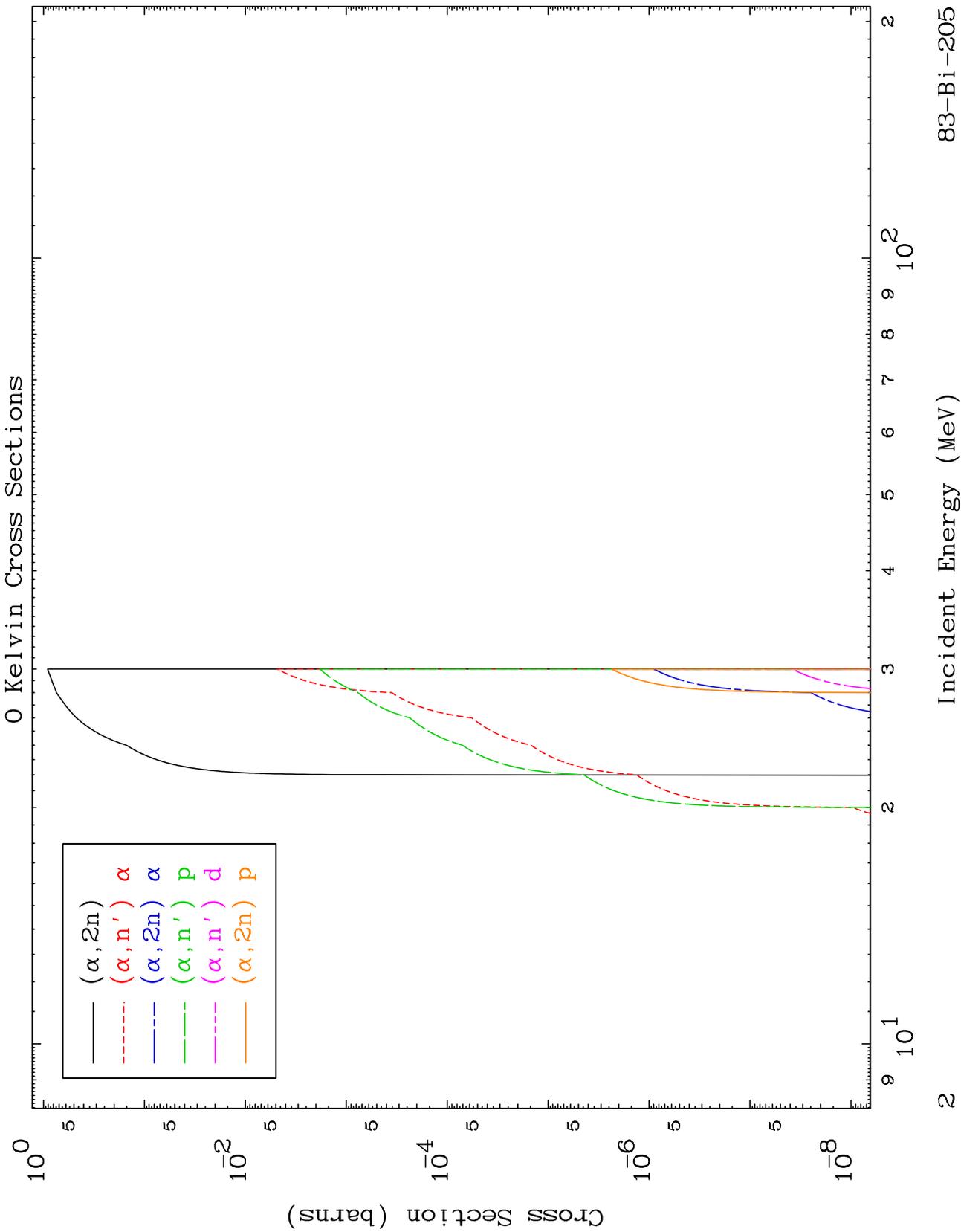
Incident Energy (MeV)

83-Bi-205

MAT 8313

α Neutron Production

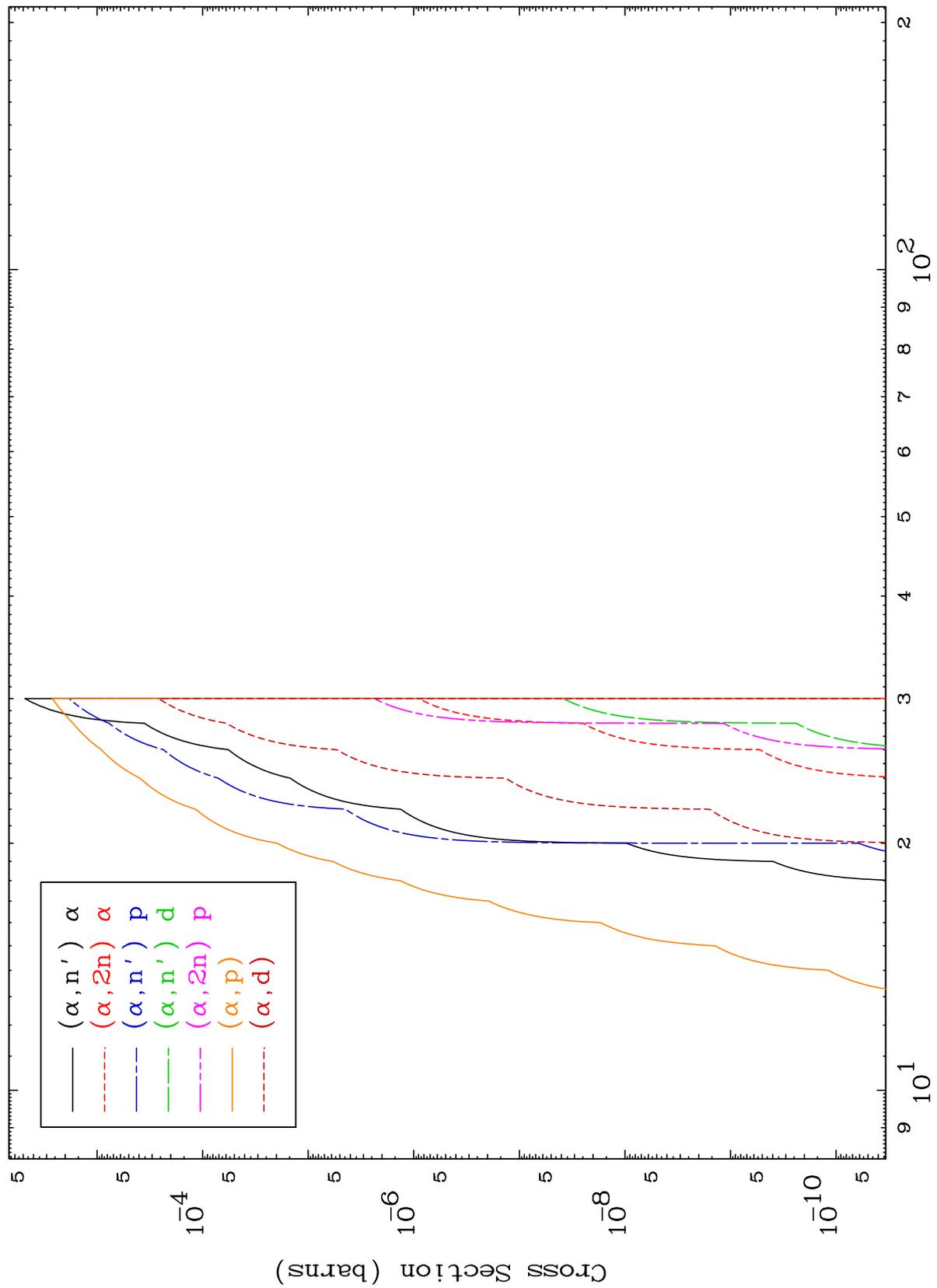
83-Bi-205



2

Incident Energy (MeV)

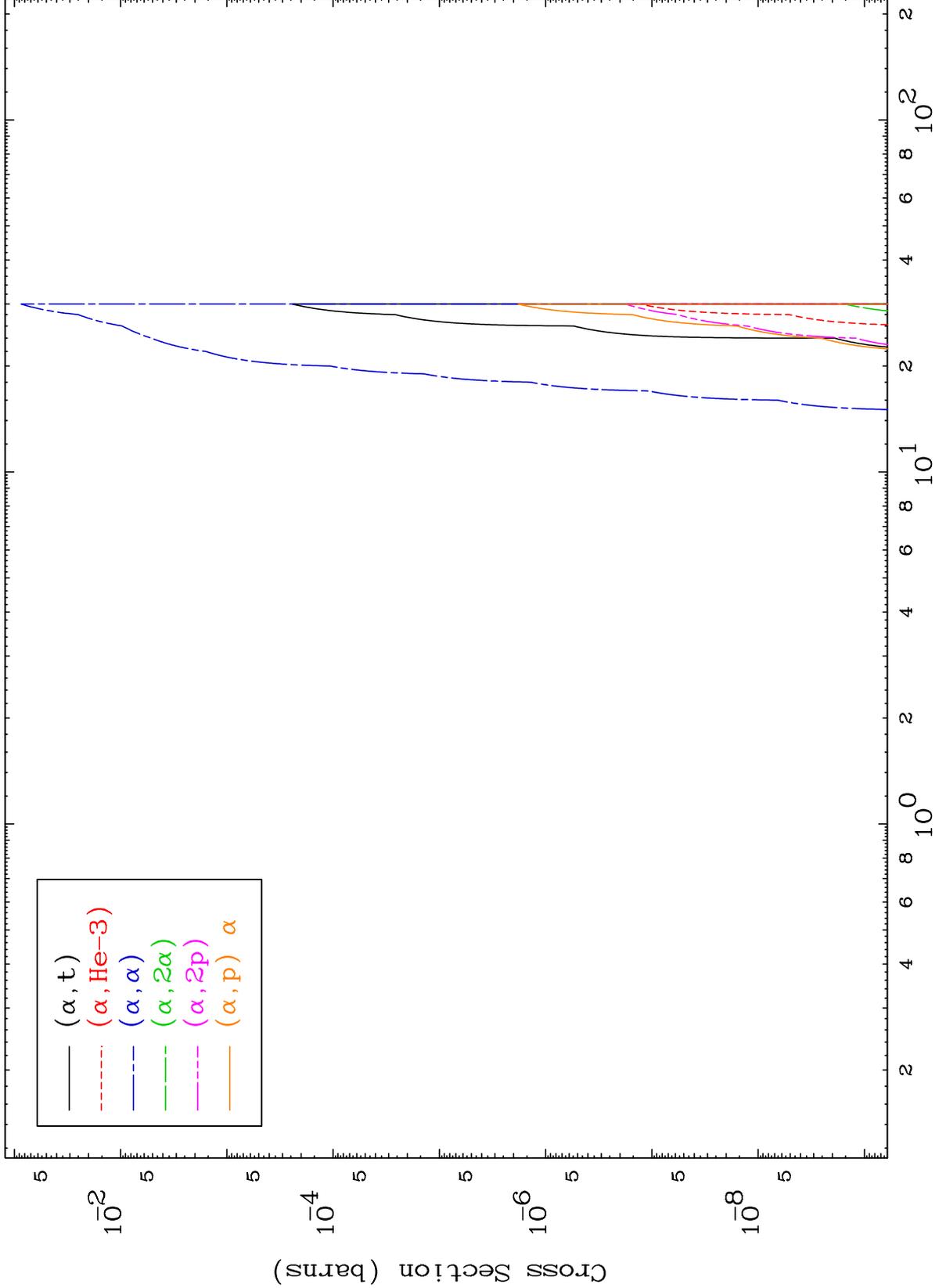
83-Bi-205



MAT 8313

α Charged Particle
0 Kelvin Cross Sections

83-Bi-205

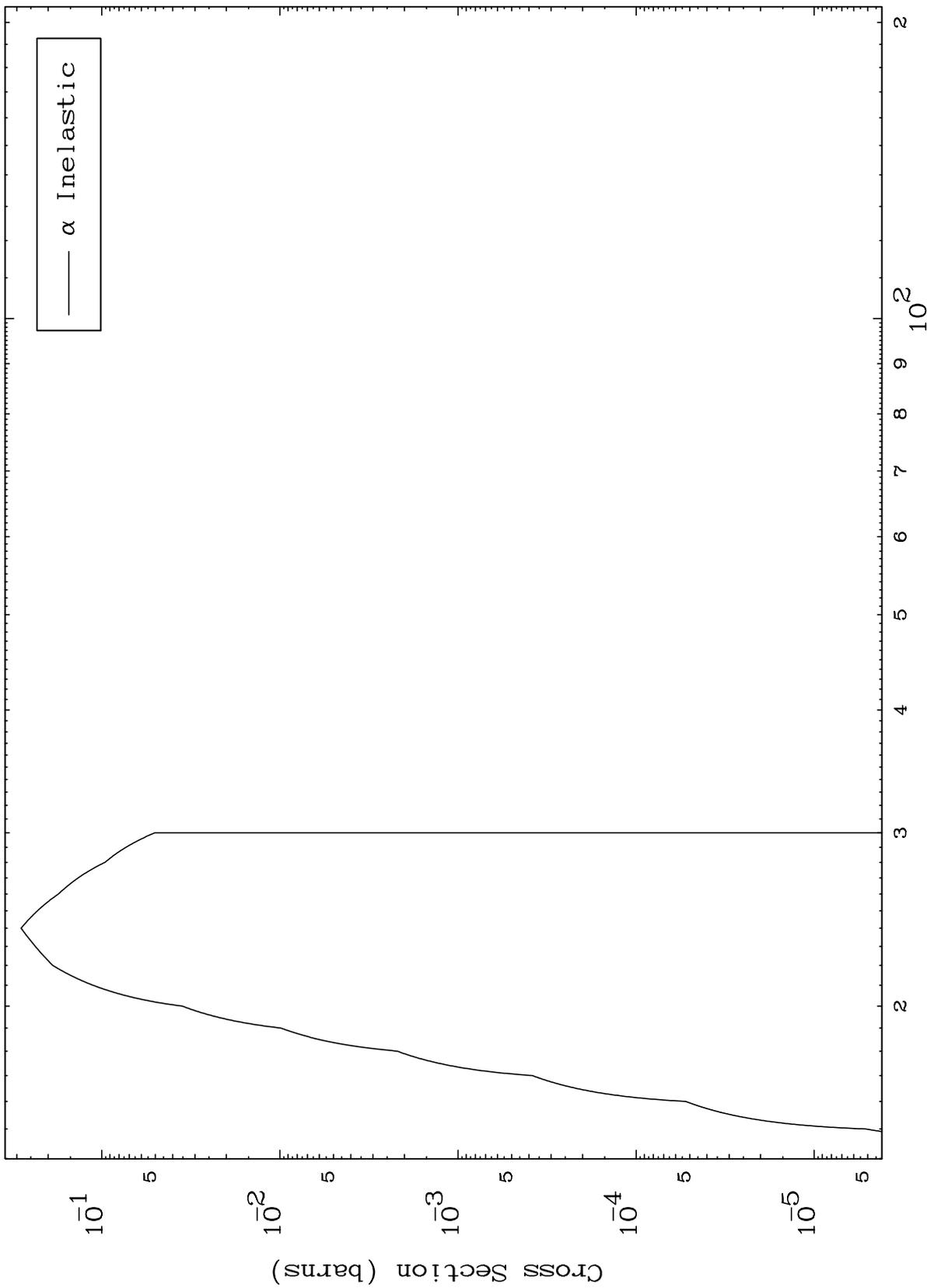


MAT 8313

(α, n') Level

83-Bi-205

0 Kelvin Cross Sections



α Inelastic

5

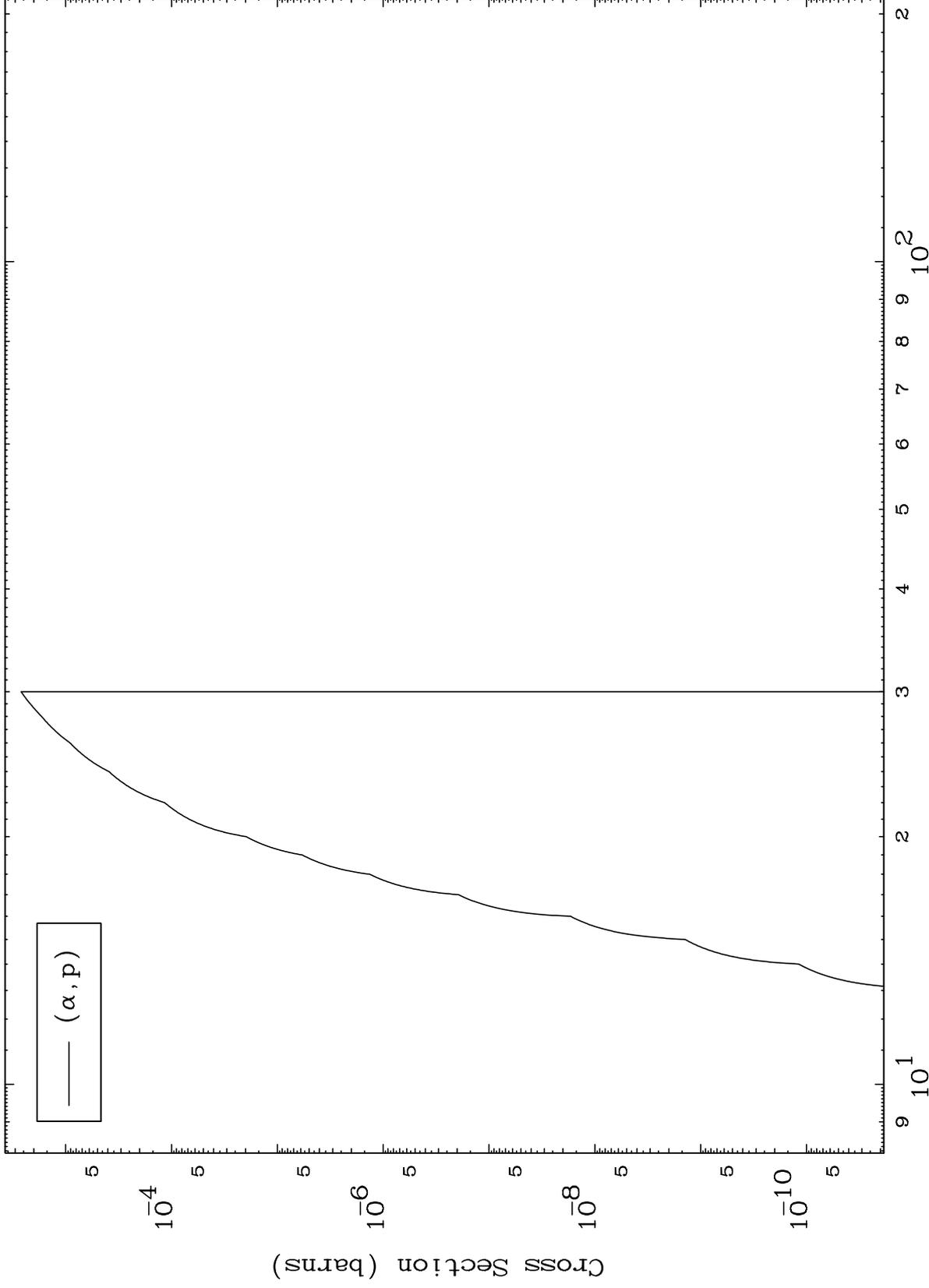
Incident Energy (MeV)

83-Bi-205

MAT 8313

(α, p) Levels
0 Kelvin Cross Sections

83-Bi-205



6

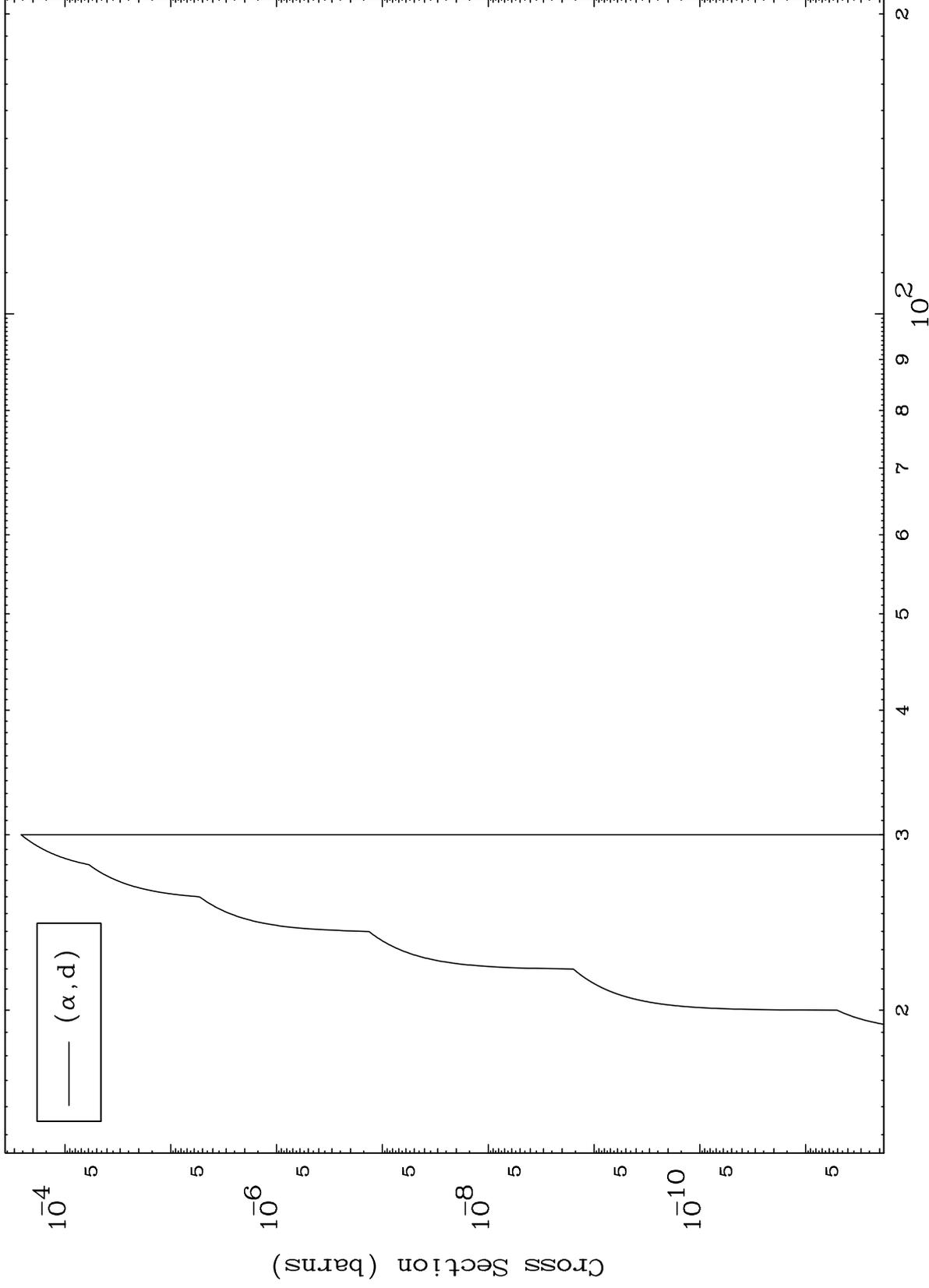
Incident Energy (MeV)

83-Bi-205

MAT 8313

(α, d) Levels
0 Kelvin Cross Sections

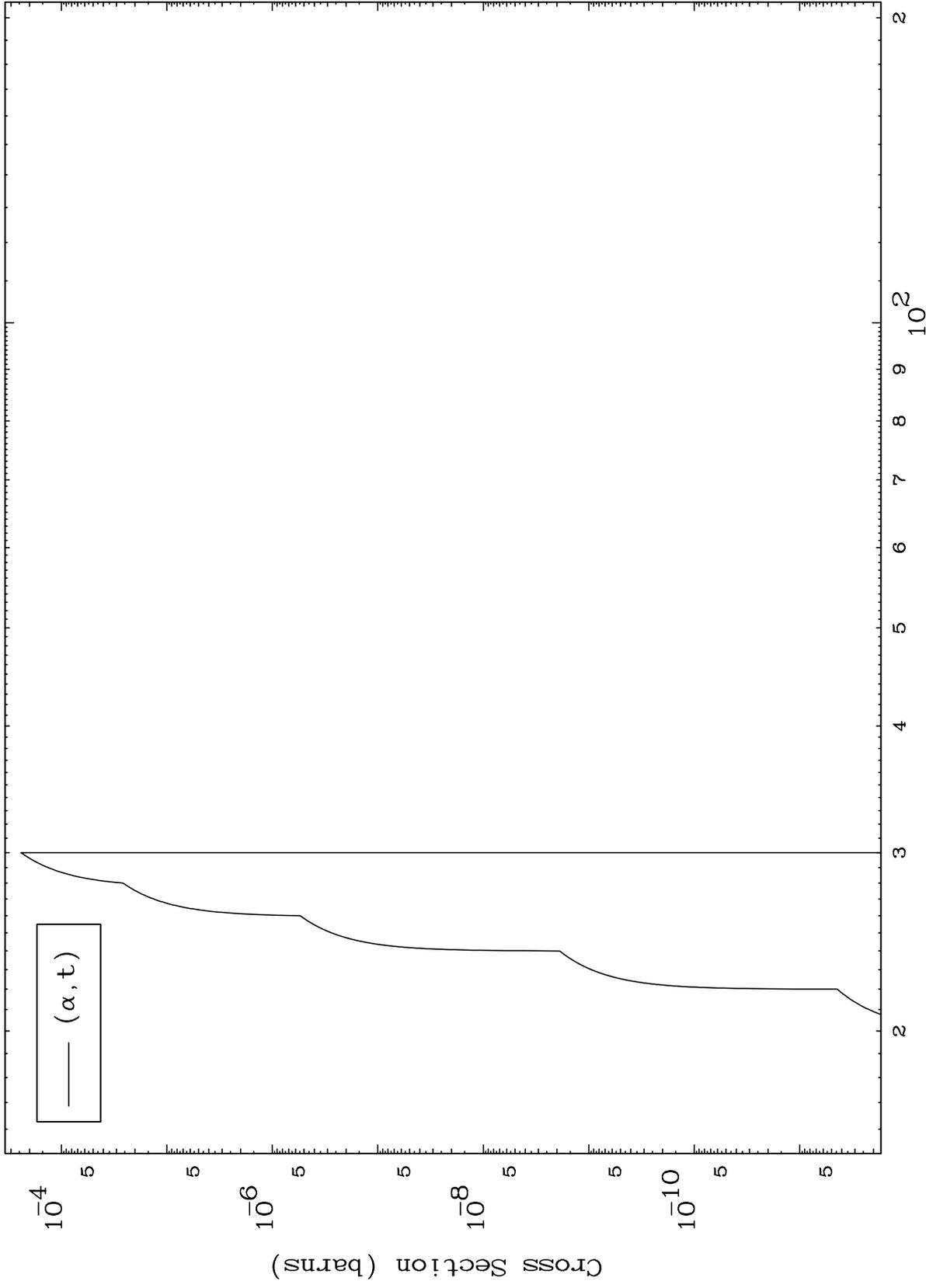
83-Bi-205



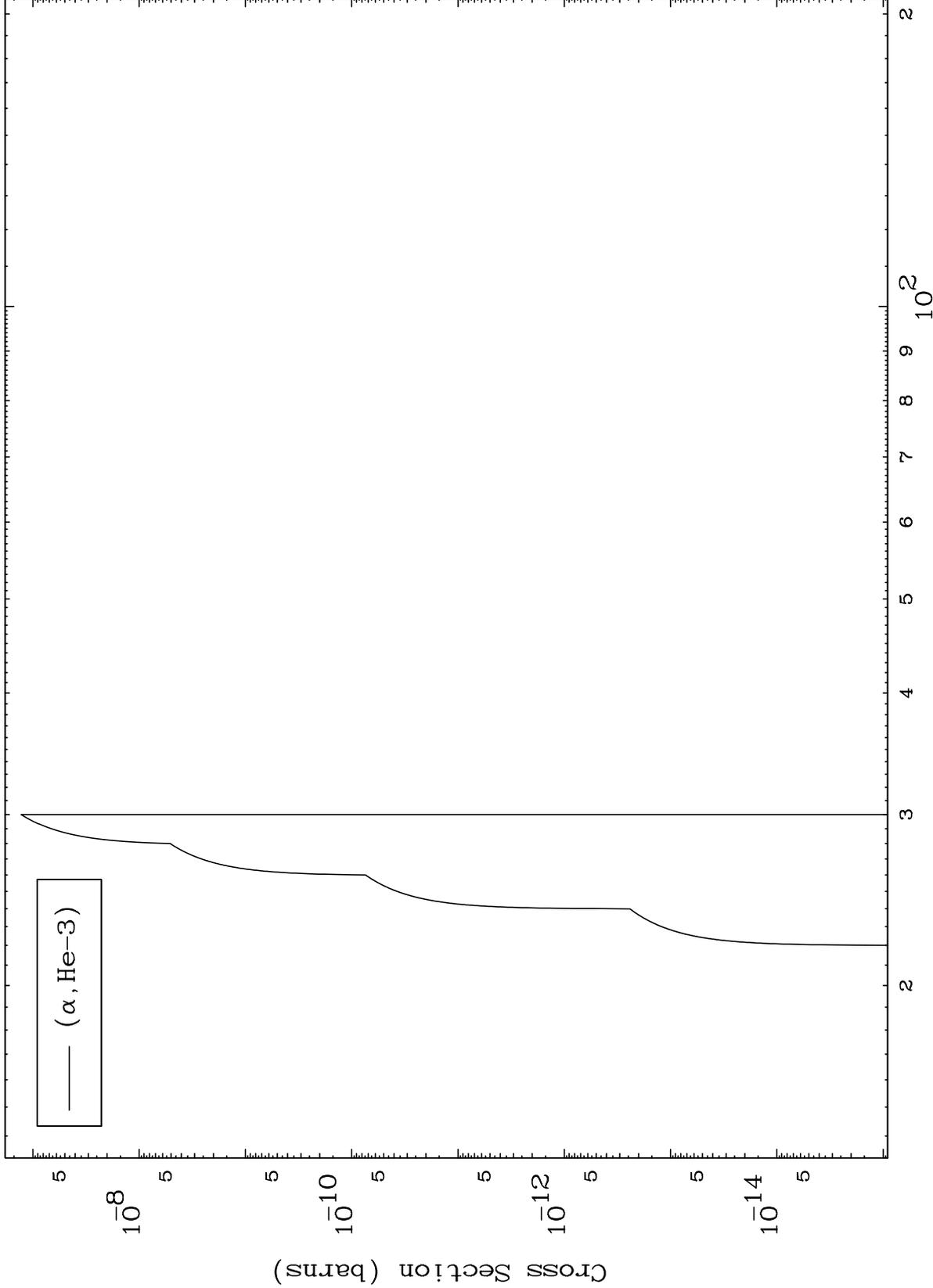
7

Incident Energy (MeV)

83-Bi-205



0 Kelvin Cross Sections

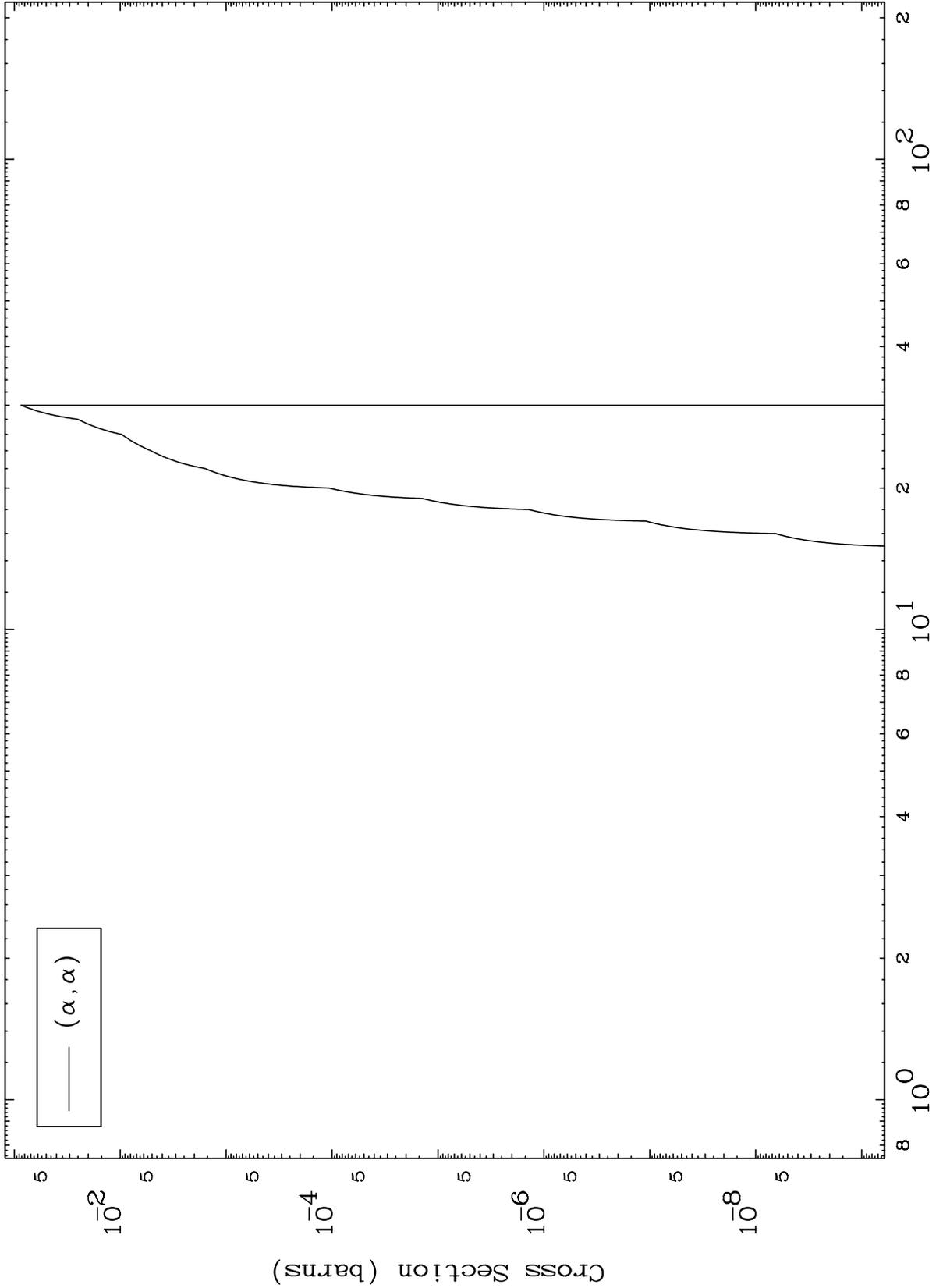


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(α, α) Levels

83-Bi-205

0 Kelvin Cross Sections



10

Incident Energy (MeV)

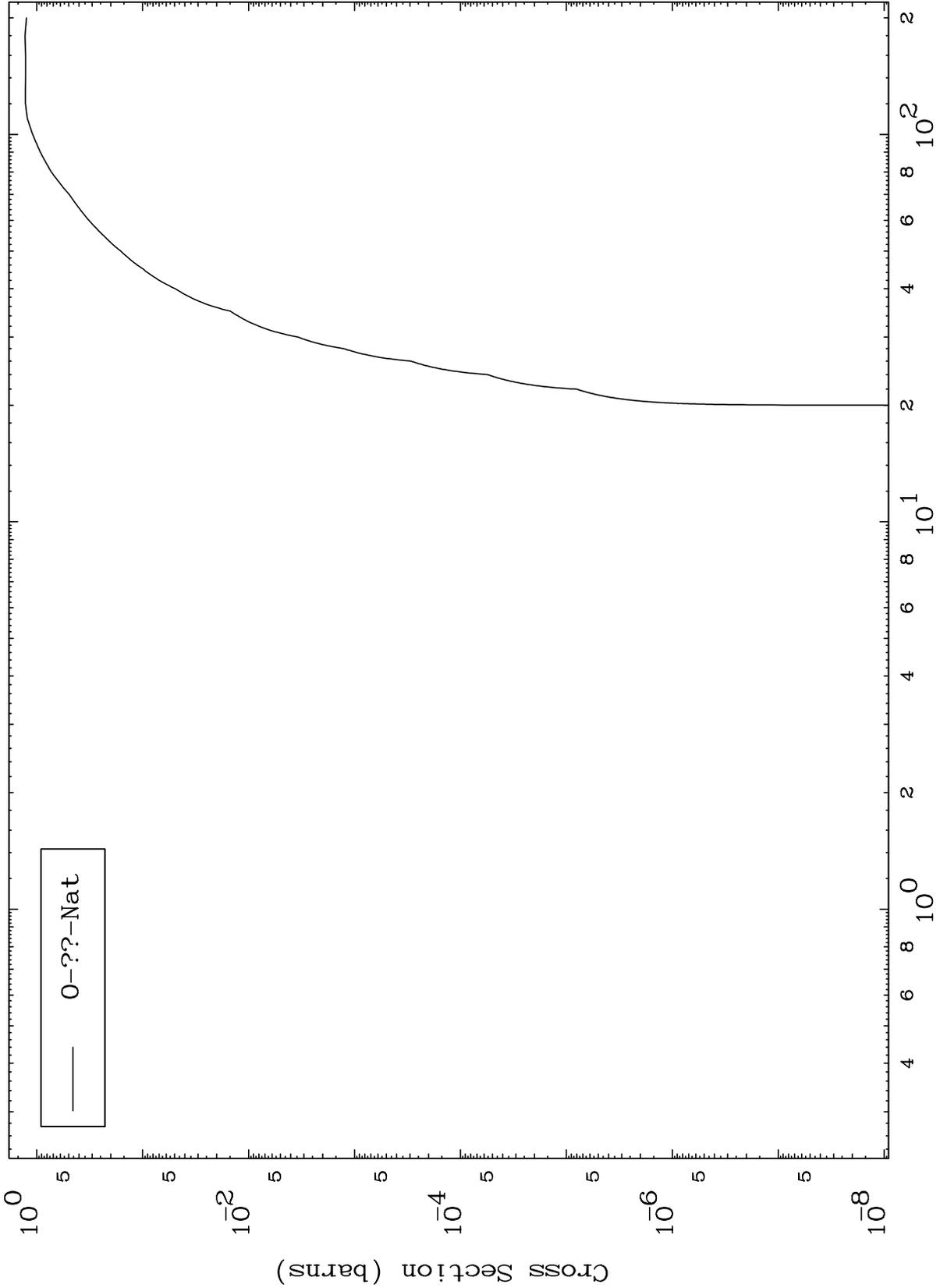
83-Bi-205

MAT 8313

83-Bi-205

α Fission

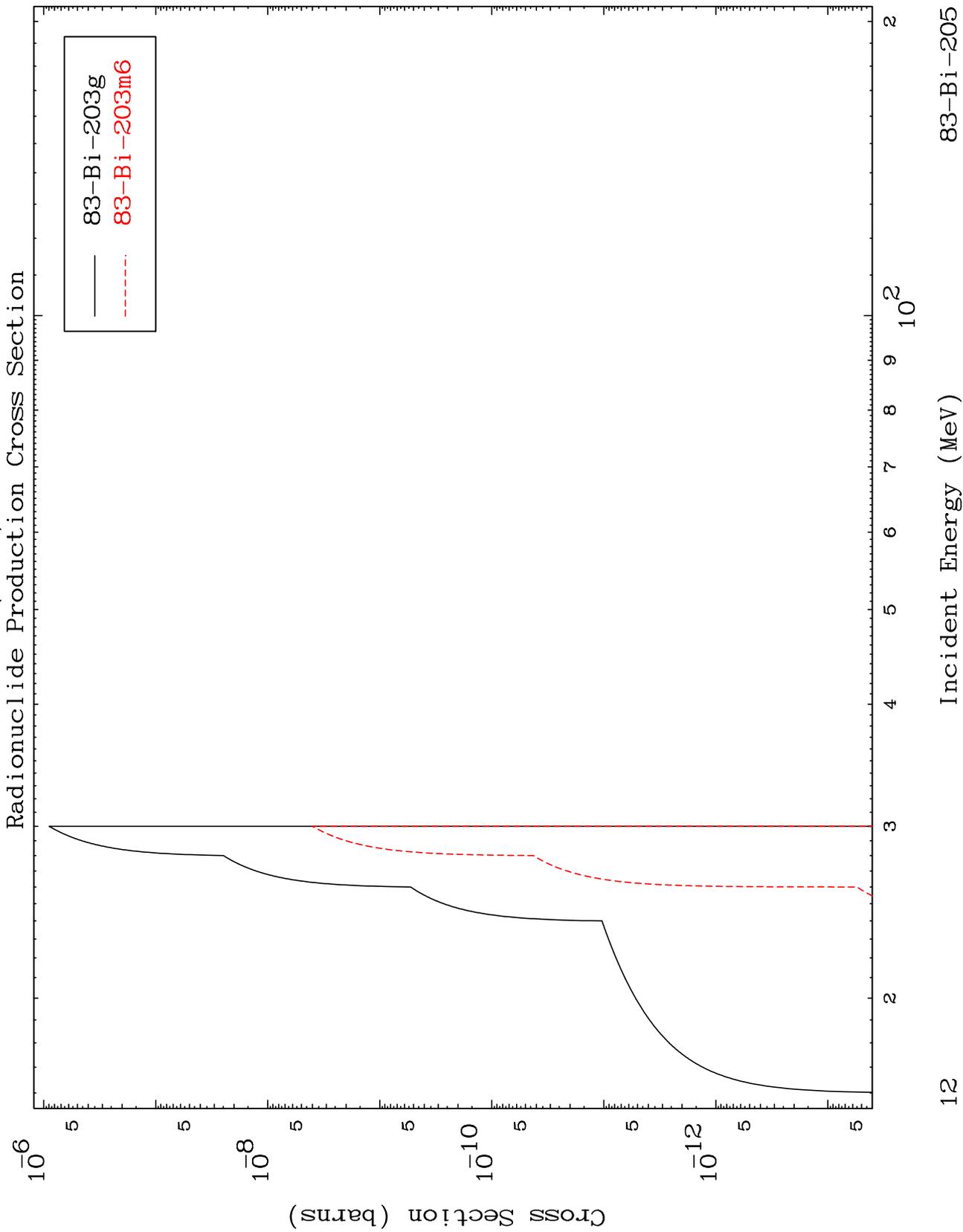
Radionuclide Production Cross Section



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$(\alpha, 2n)$ α

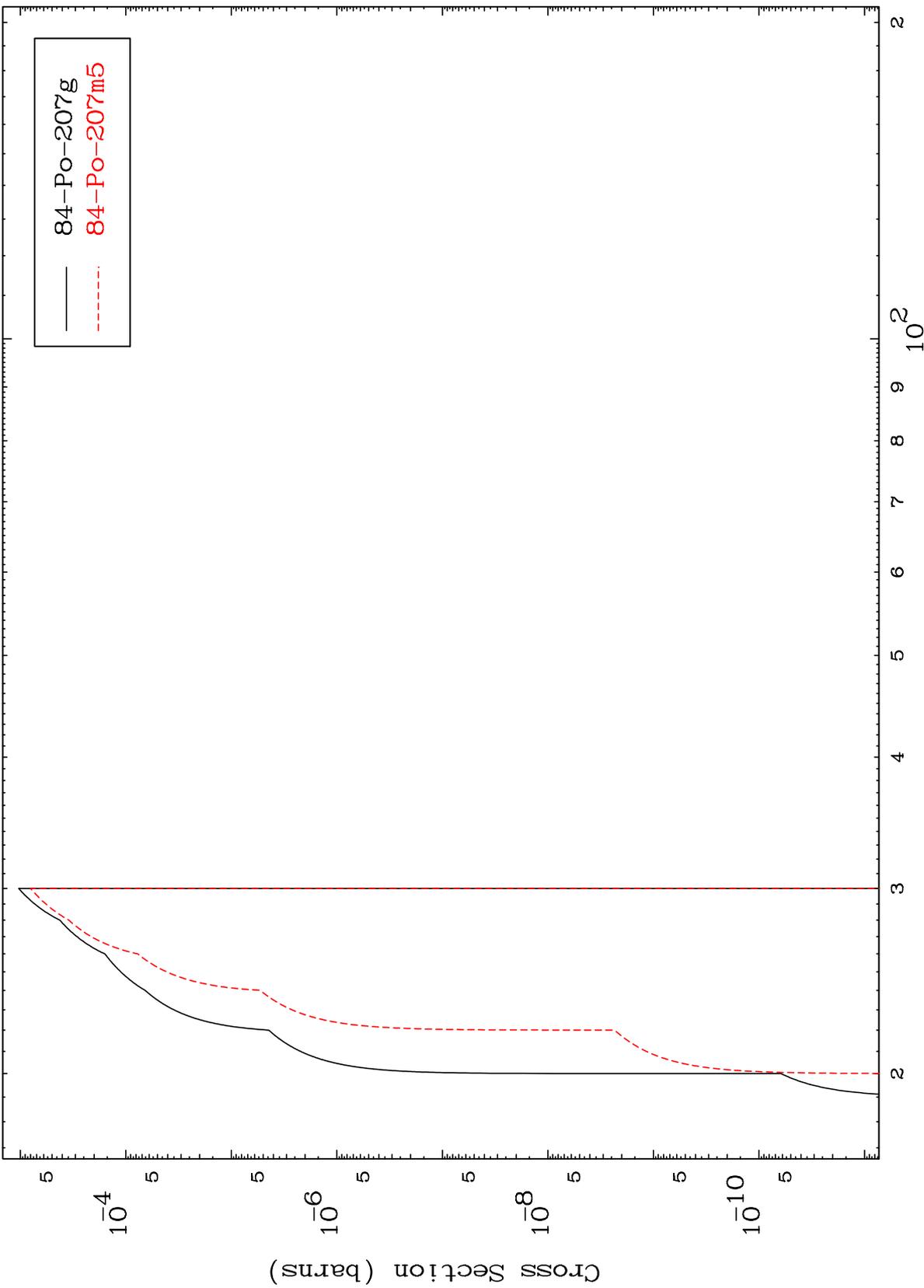
83-Bi-205



12

83-Bi-205

Radionuclide Production Cross Section

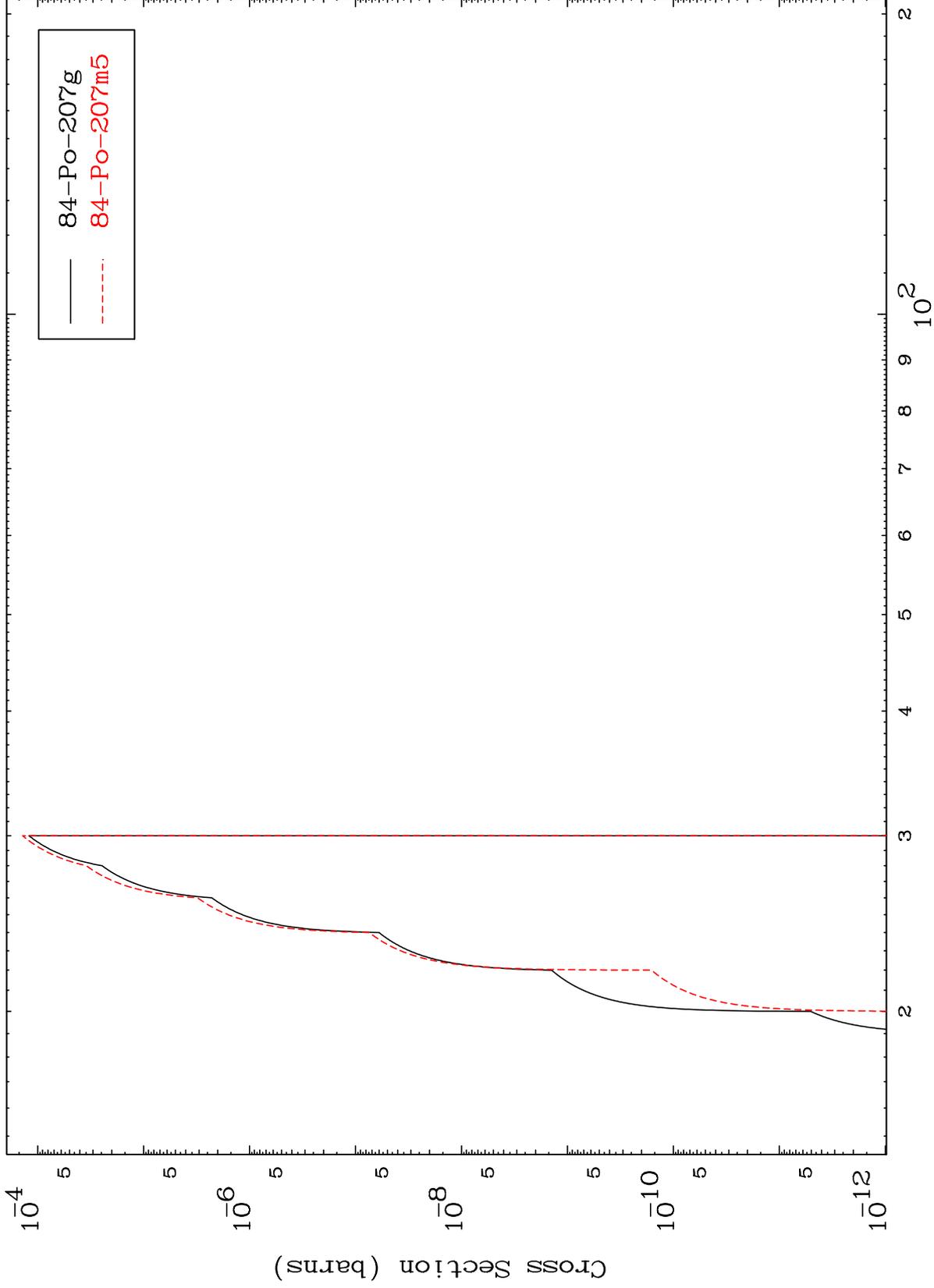


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(α, d)

83-Bi-205

Radionuclide Production Cross Section



14

Incident Energy (MeV)

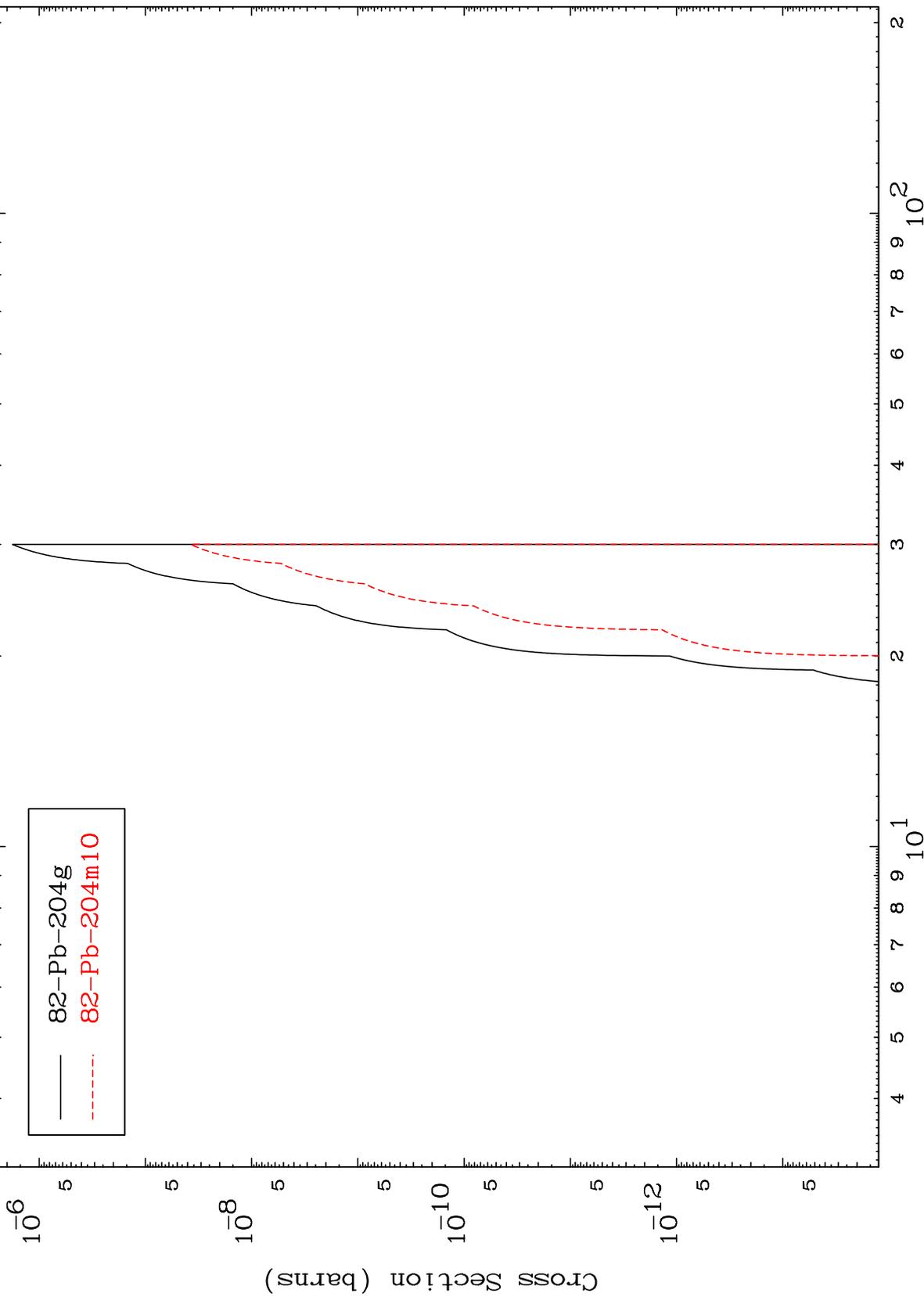
83-Bi-205

MAT 8313

(α, p) α

83-Bi-205

Radionuclide Production Cross Section



15

Incident Energy (MeV)

83-Bi-205