

Program EVALPLOT
(Version 2018-1)

by

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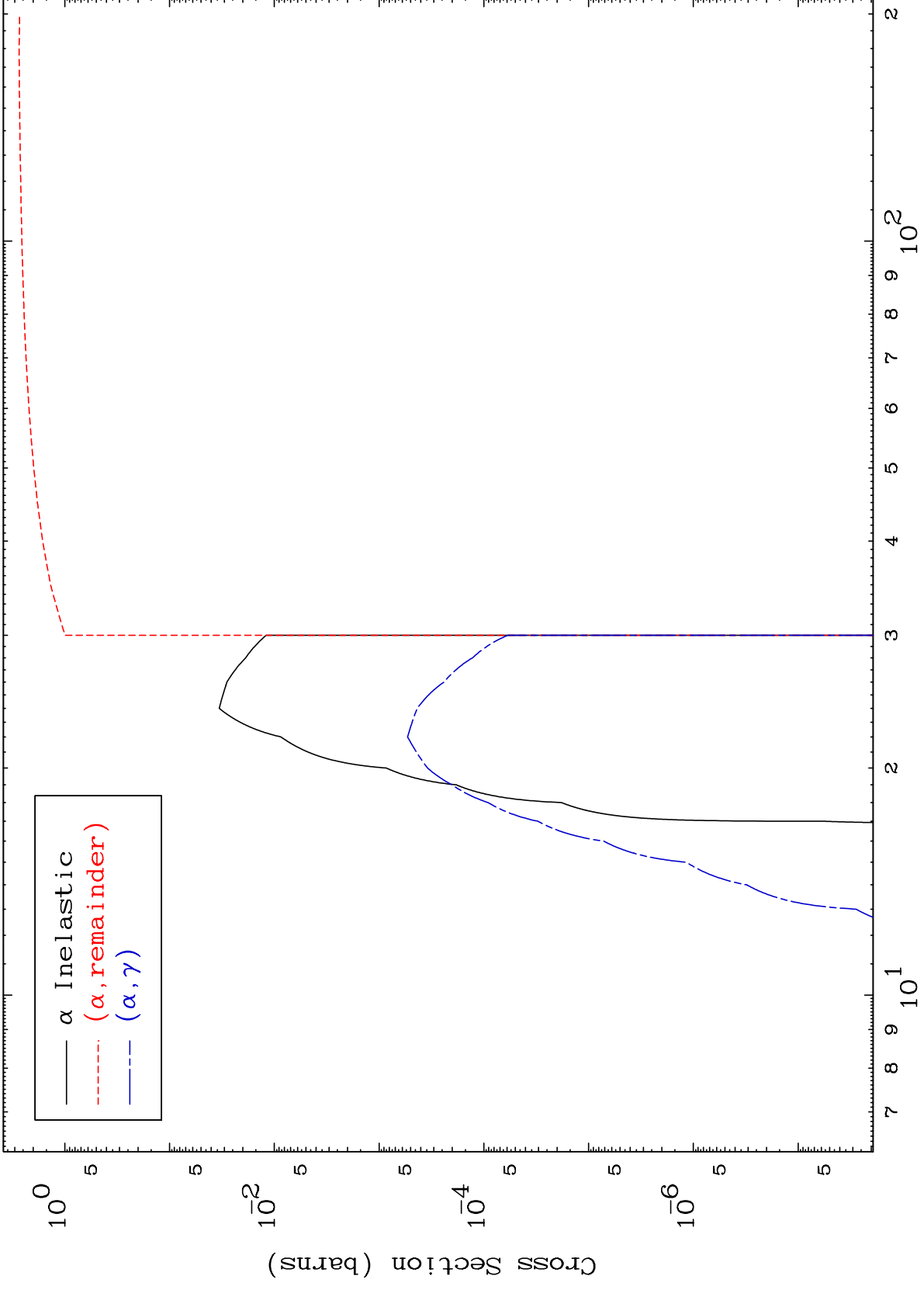
Press Mouse Button to Start

MAT 8284

α Major

83-Bi-195

0 Kelvin Cross Sections



1

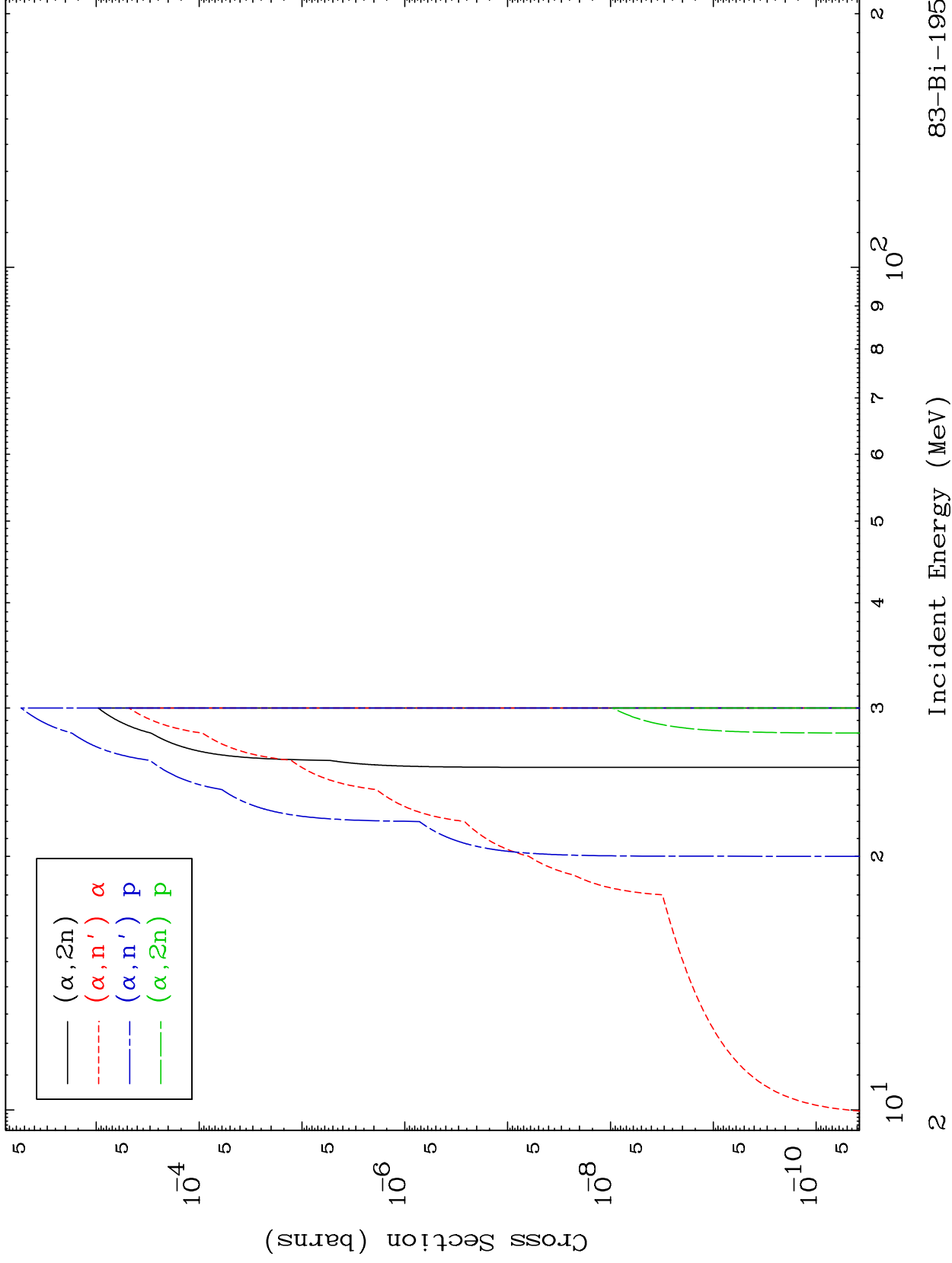
Incident Energy (MeV)

83-Bi-195

MAT 8284

α Neutron Production
0 Kelvin Cross Sections

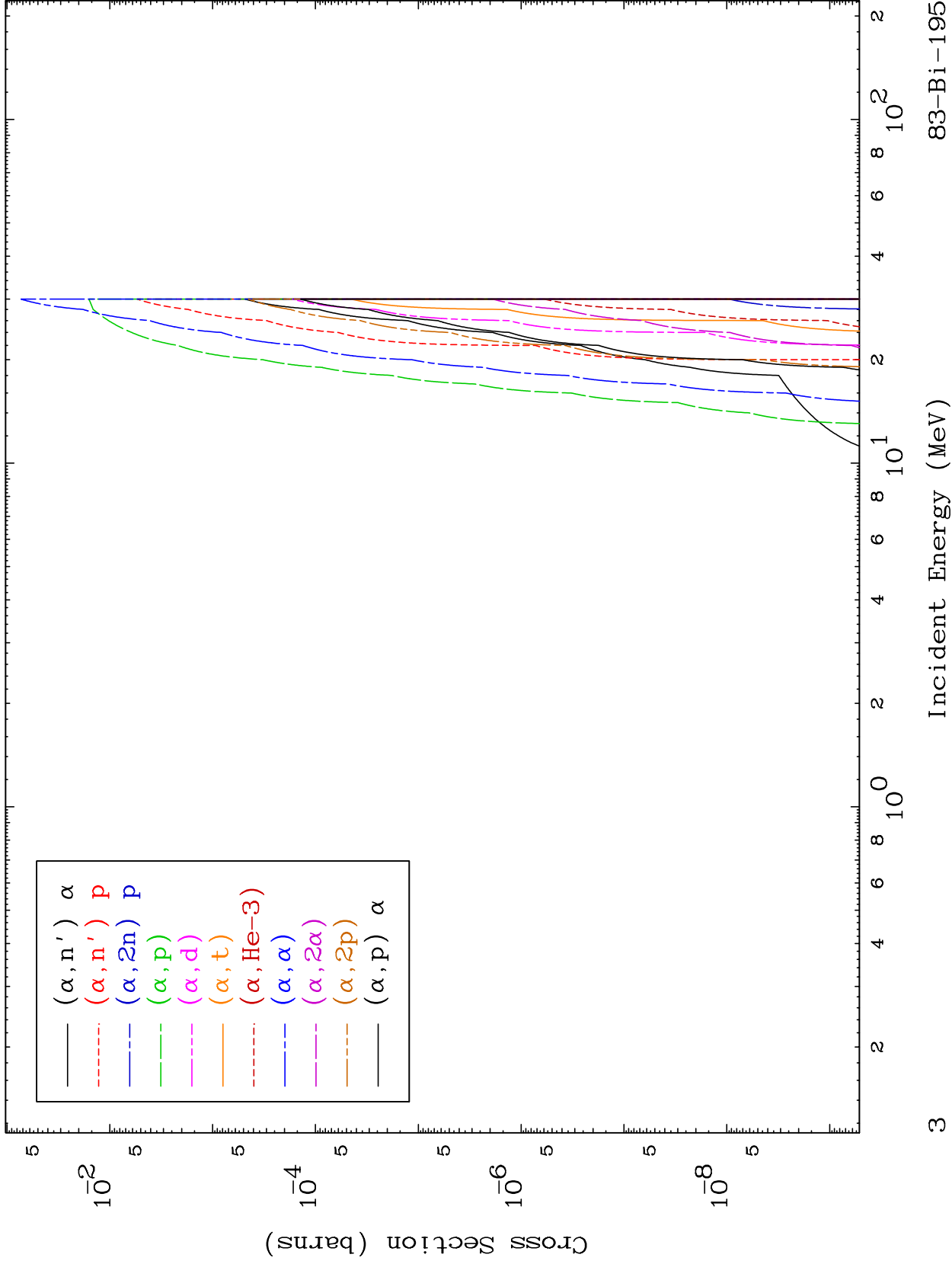
83-Bi-195



MAT 8284

α Charged Particle
0 Kelvin Cross Sections

83-Bi-195

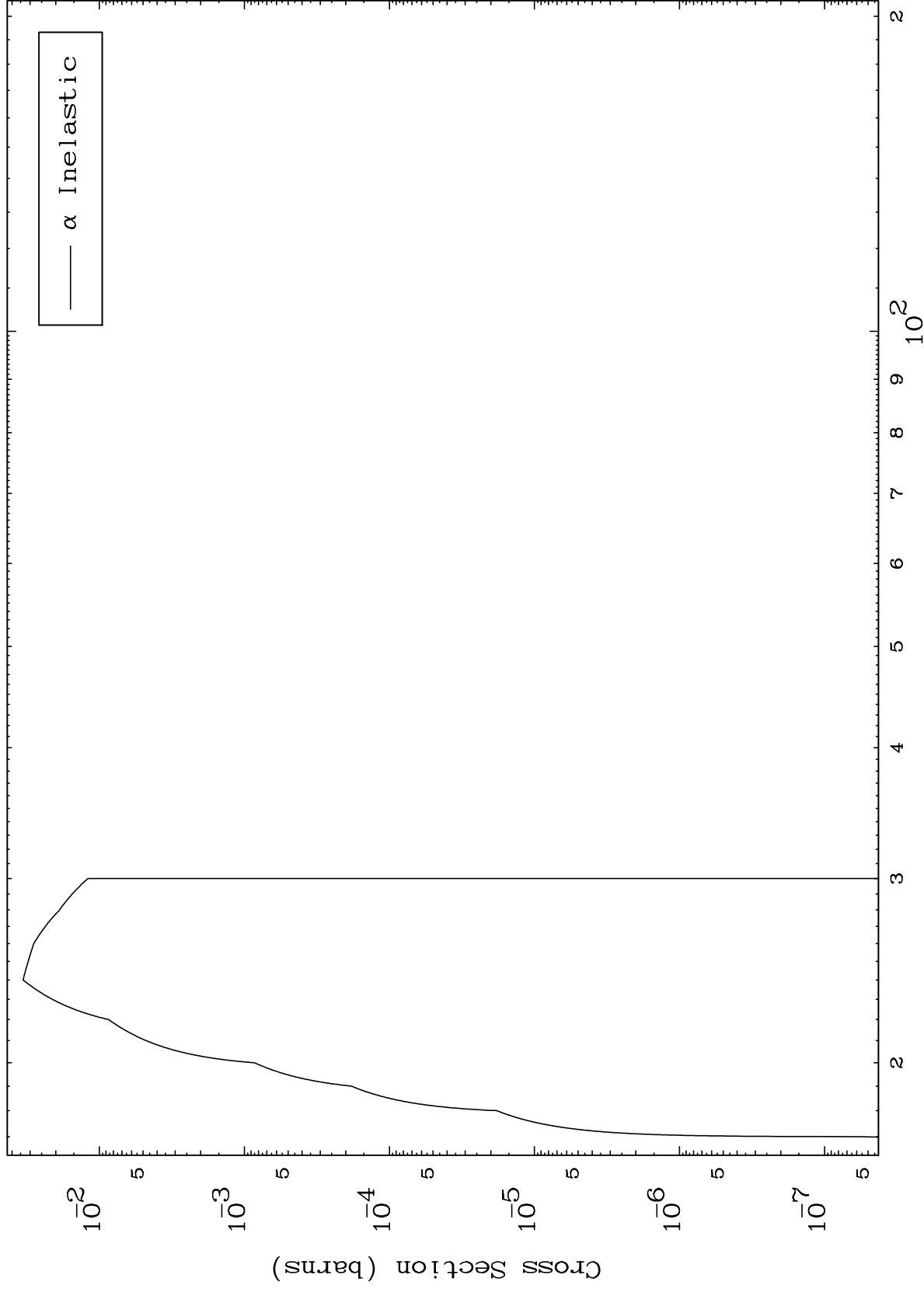


MAT 8284

(α, n') Level

83-Bi-195

0 Kelvin Cross Sections



4

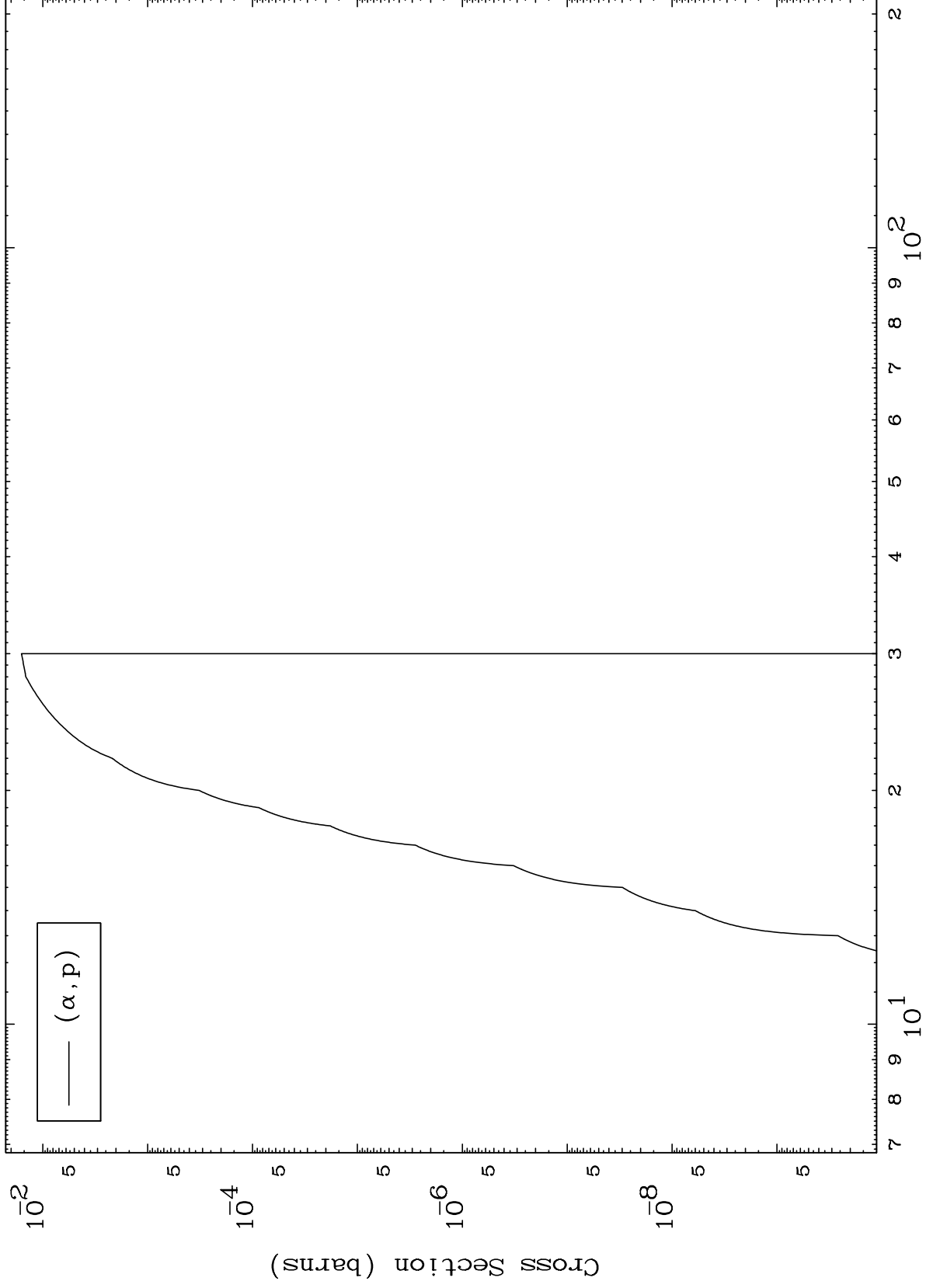
Incident Energy (MeV)

83-Bi-195

MAT 8284

(α, p) Levels
0 Kelvin Cross Sections

83-Bi-195



5

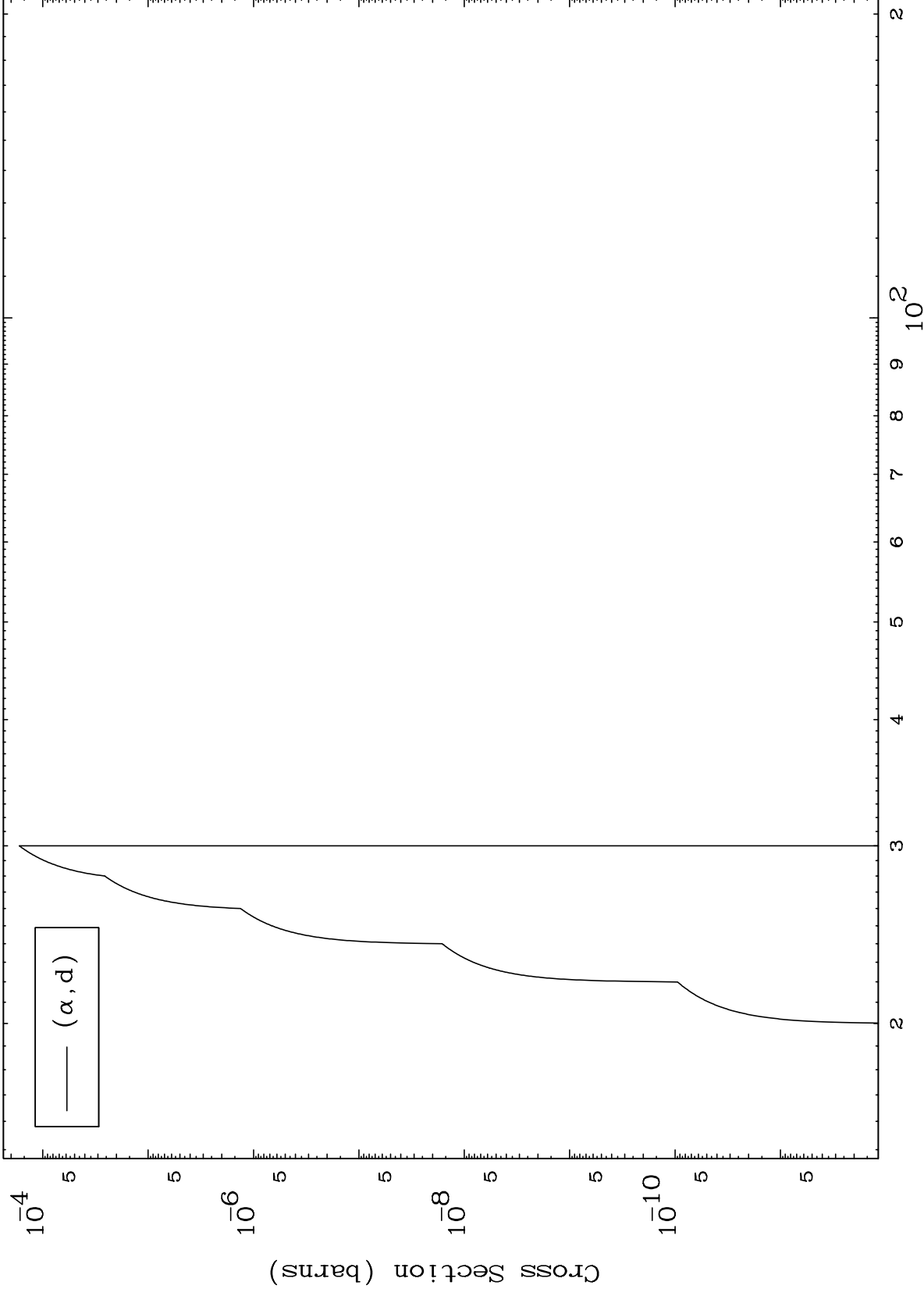
Incident Energy (MeV)

83-Bi-195

MAT 8284

(α, d) Levels
0 Kelvin Cross Sections

83-Bi-195



6

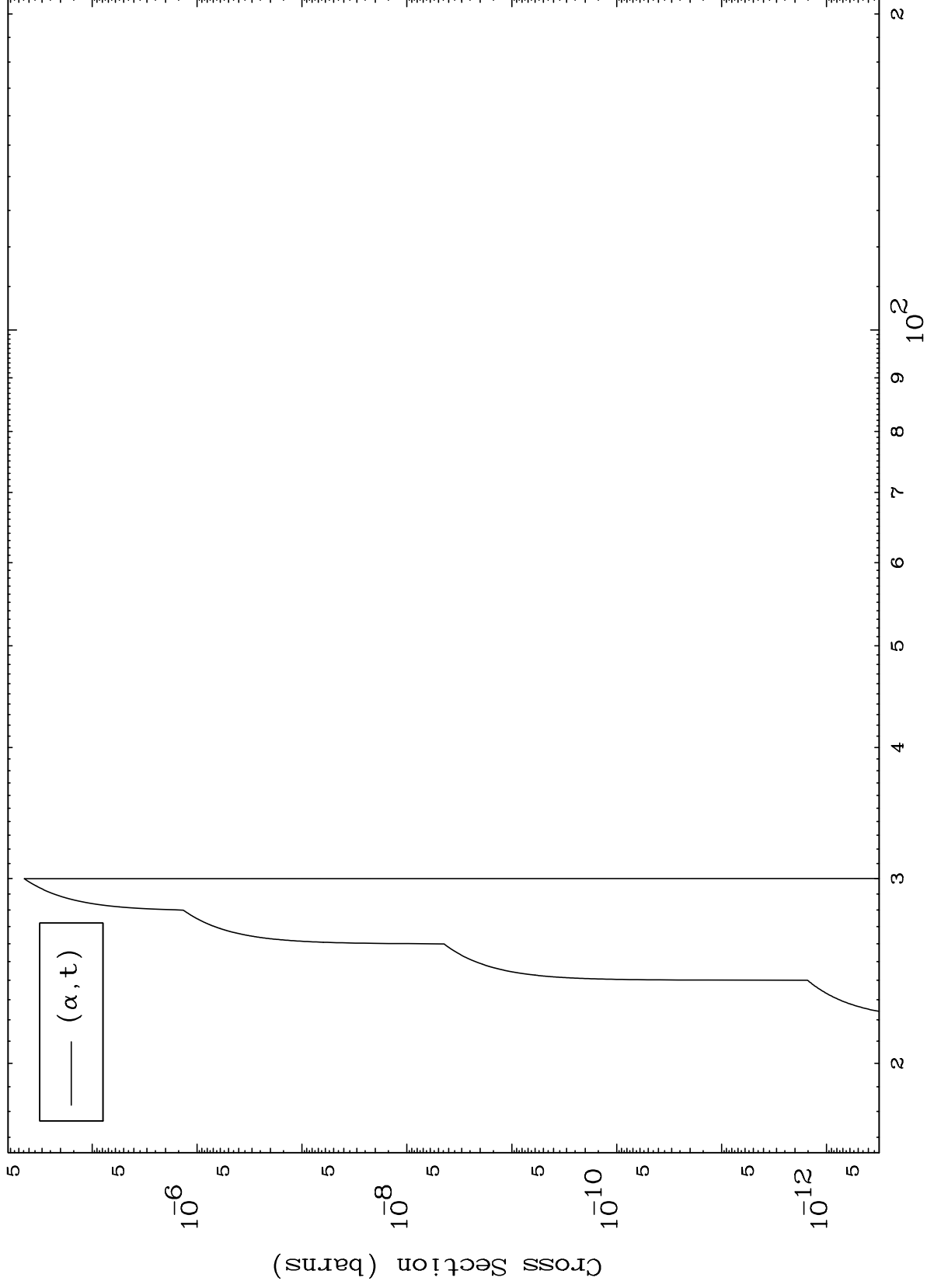
Incident Energy (MeV)

83-Bi-195

MAT 8284

(α, t) Levels
0 Kelvin Cross Sections

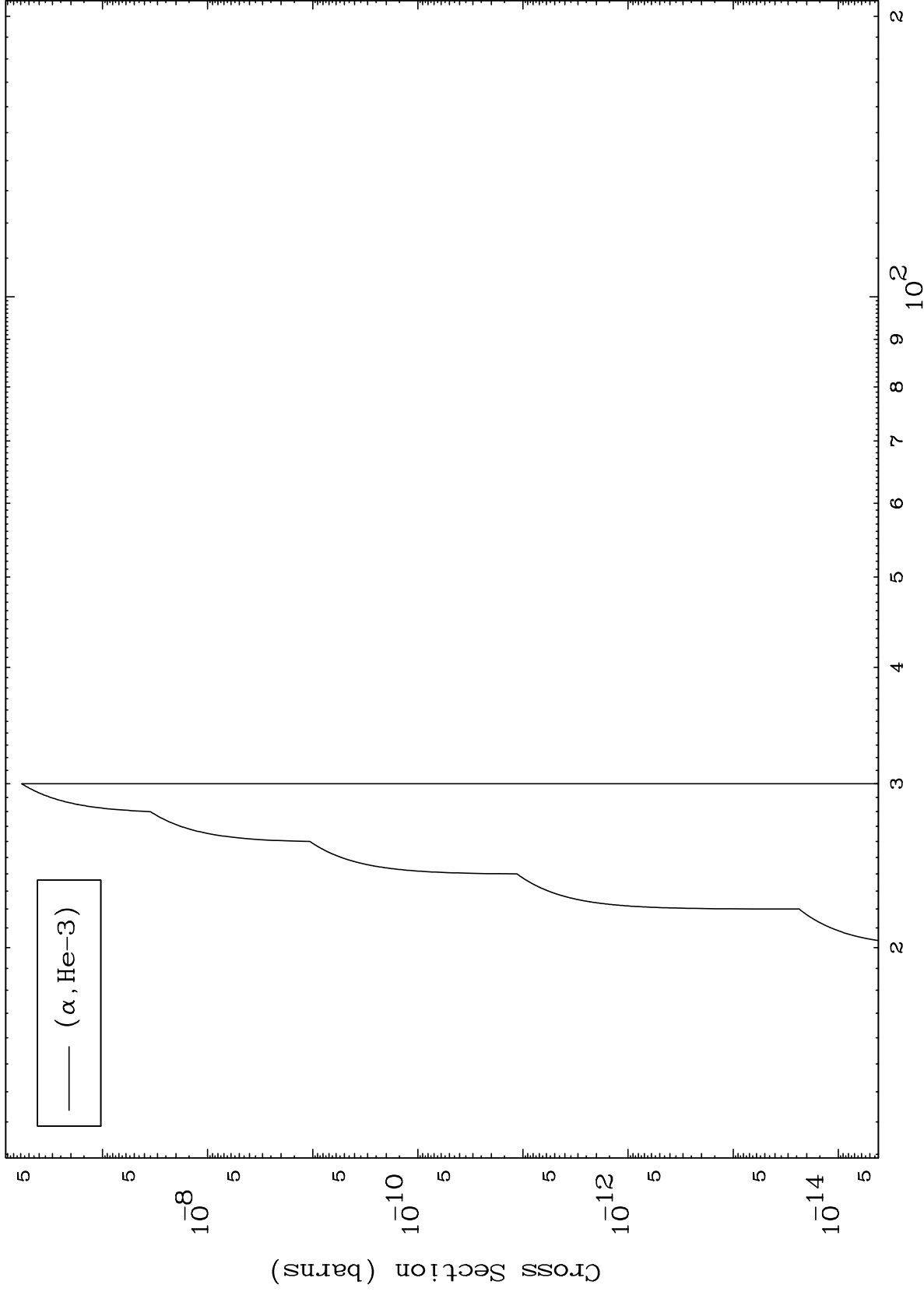
83-Bi-195



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Incident Energy (MeV)

83-Bi-195

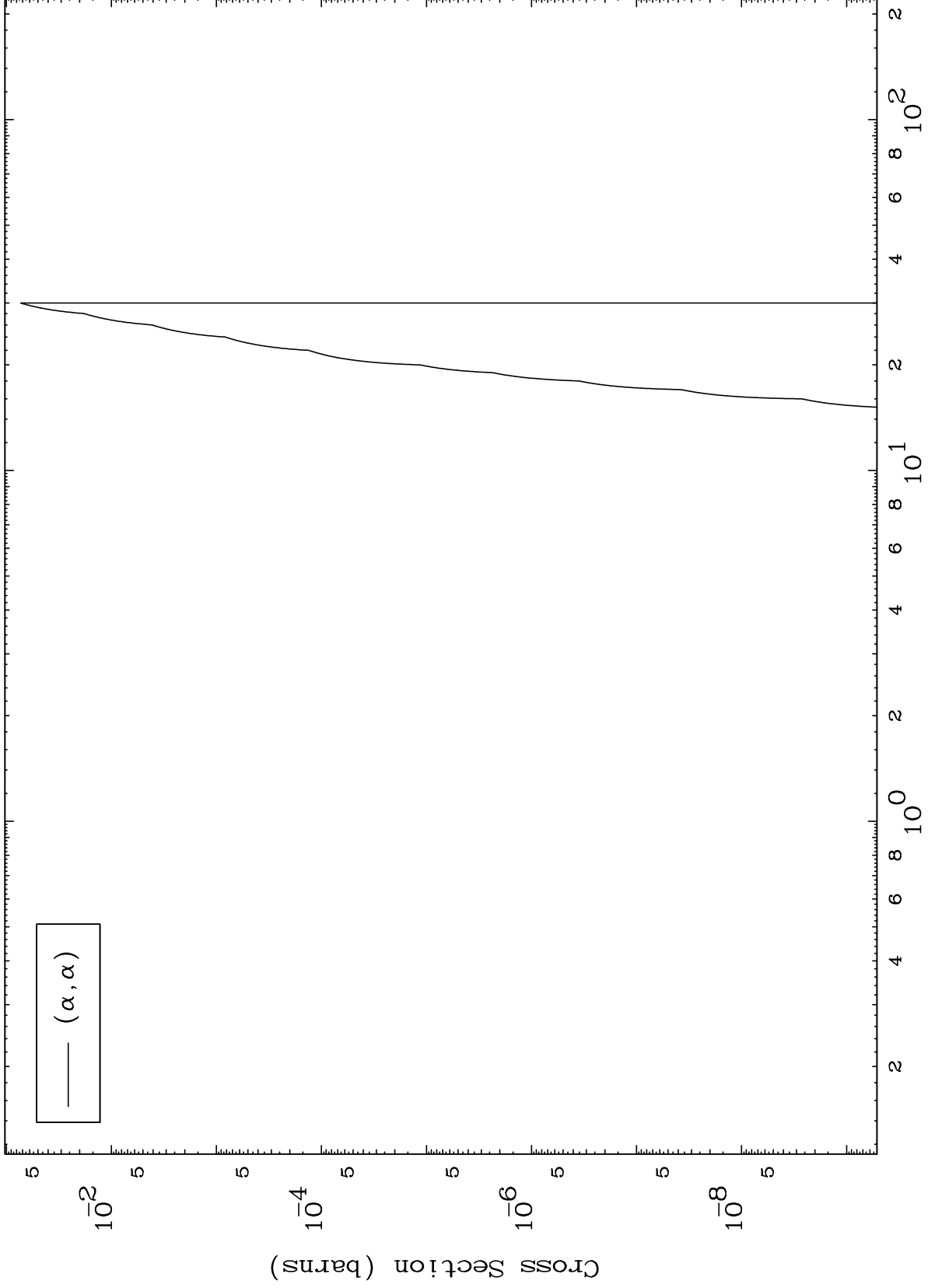


MAT 8284

(α, α) Levels

83-Bi-195

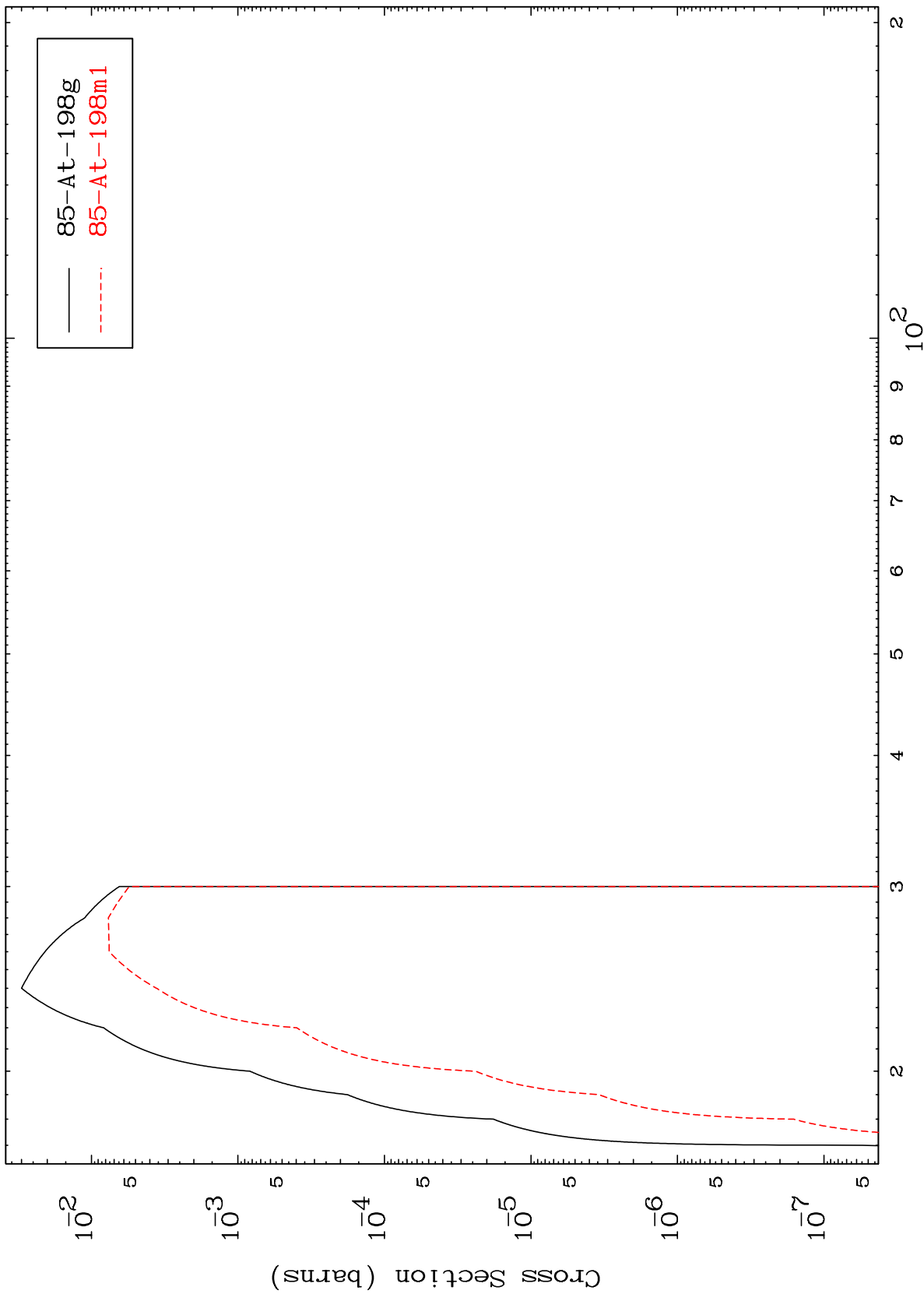
0 Kelvin Cross Sections



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83-Bi-195

α Inelastic
Radionuclide Production Cross Section



10

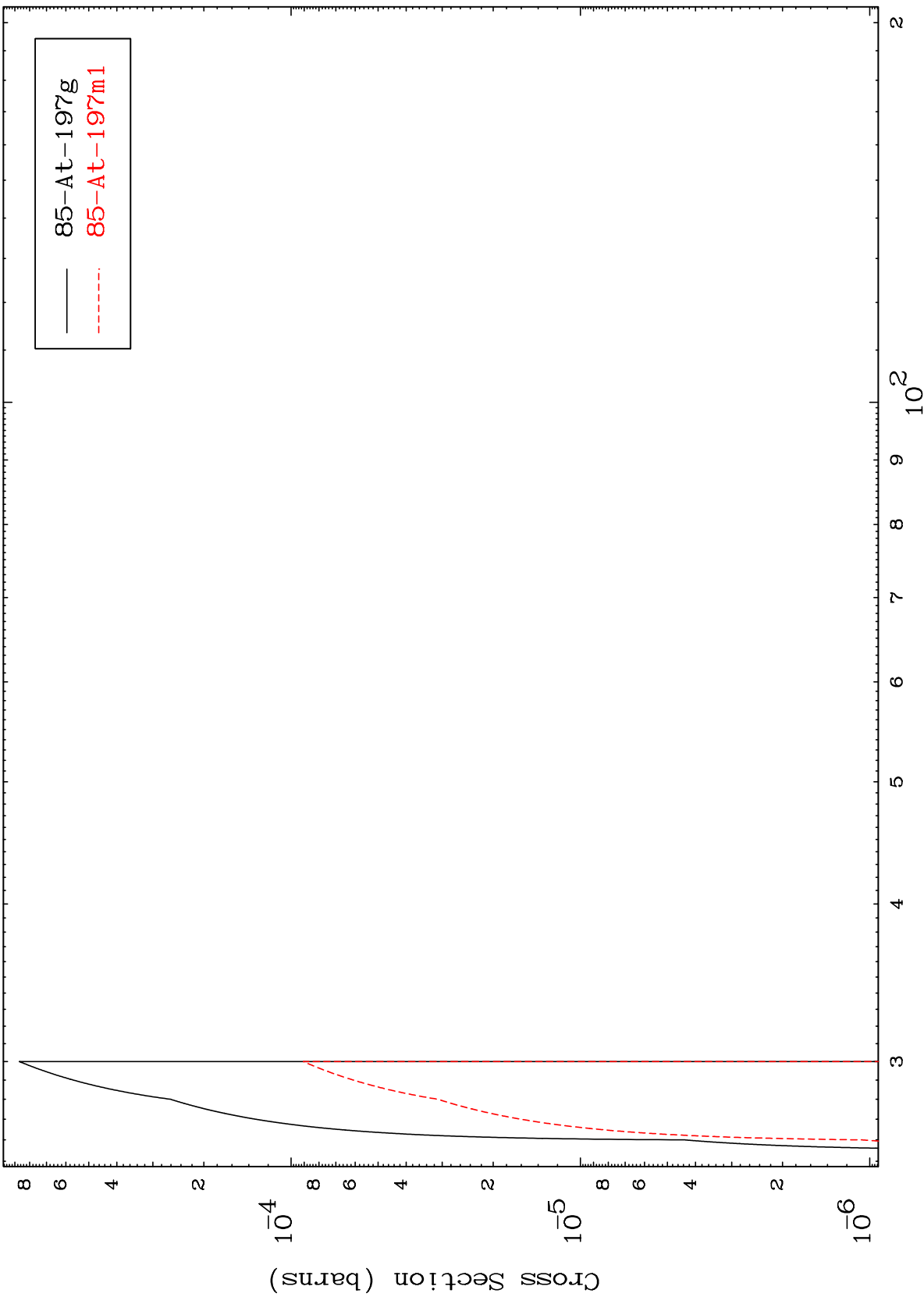
Incident Energy (MeV)

83-Bi-195

MAT 8284

83-Bi-195

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



83-Bi-195

Incident Energy (MeV)

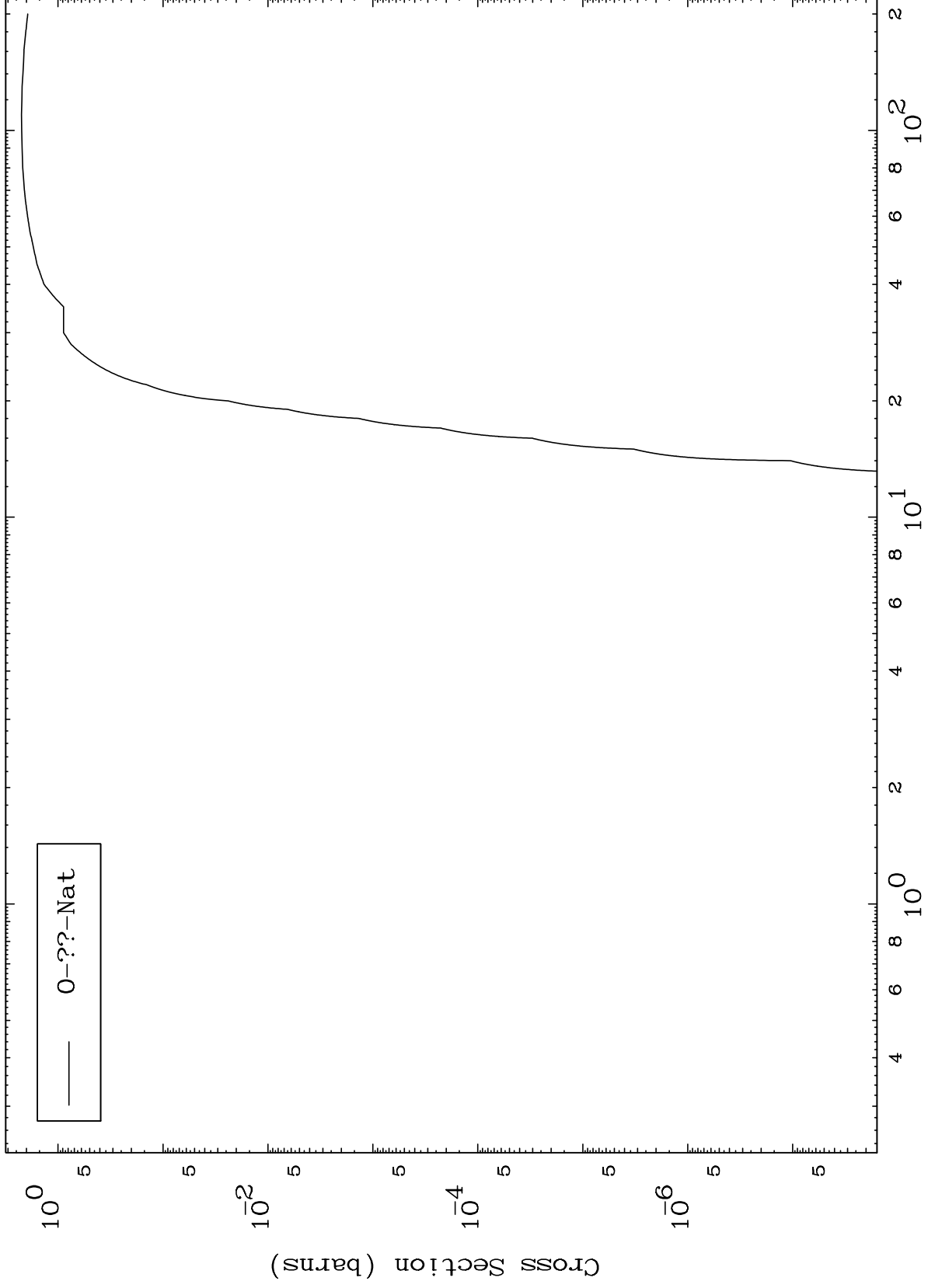
11

MAT 8284

83-Bi-195

α Fission

Radionuclide Production Cross Section



83-Bi-195

Incident Energy (MeV)

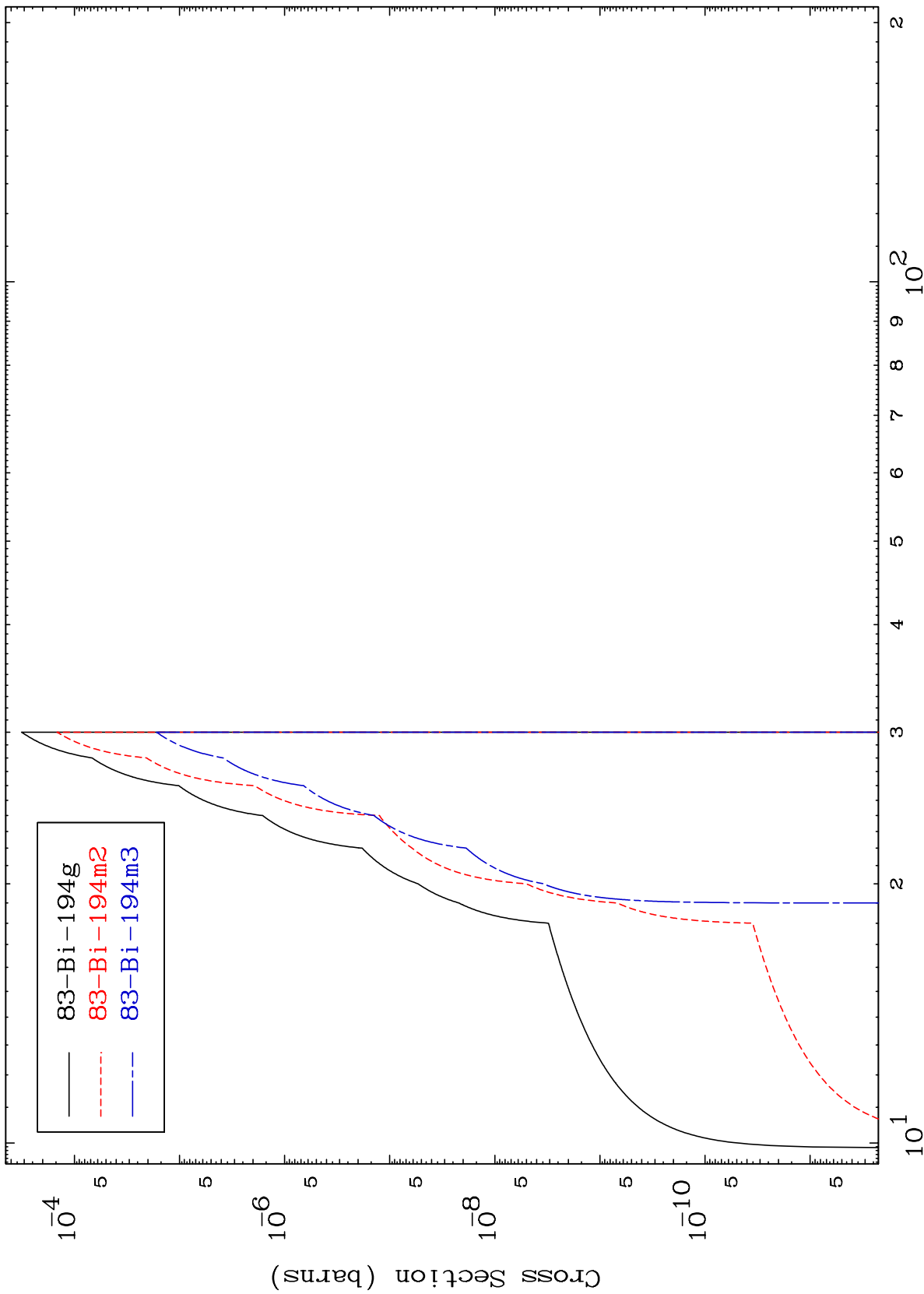
12

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(α, n') α

83-Bi-195

Radionuclide Production Cross Section



83-Bi-194g
83-Bi-194m2
83-Bi-194m3

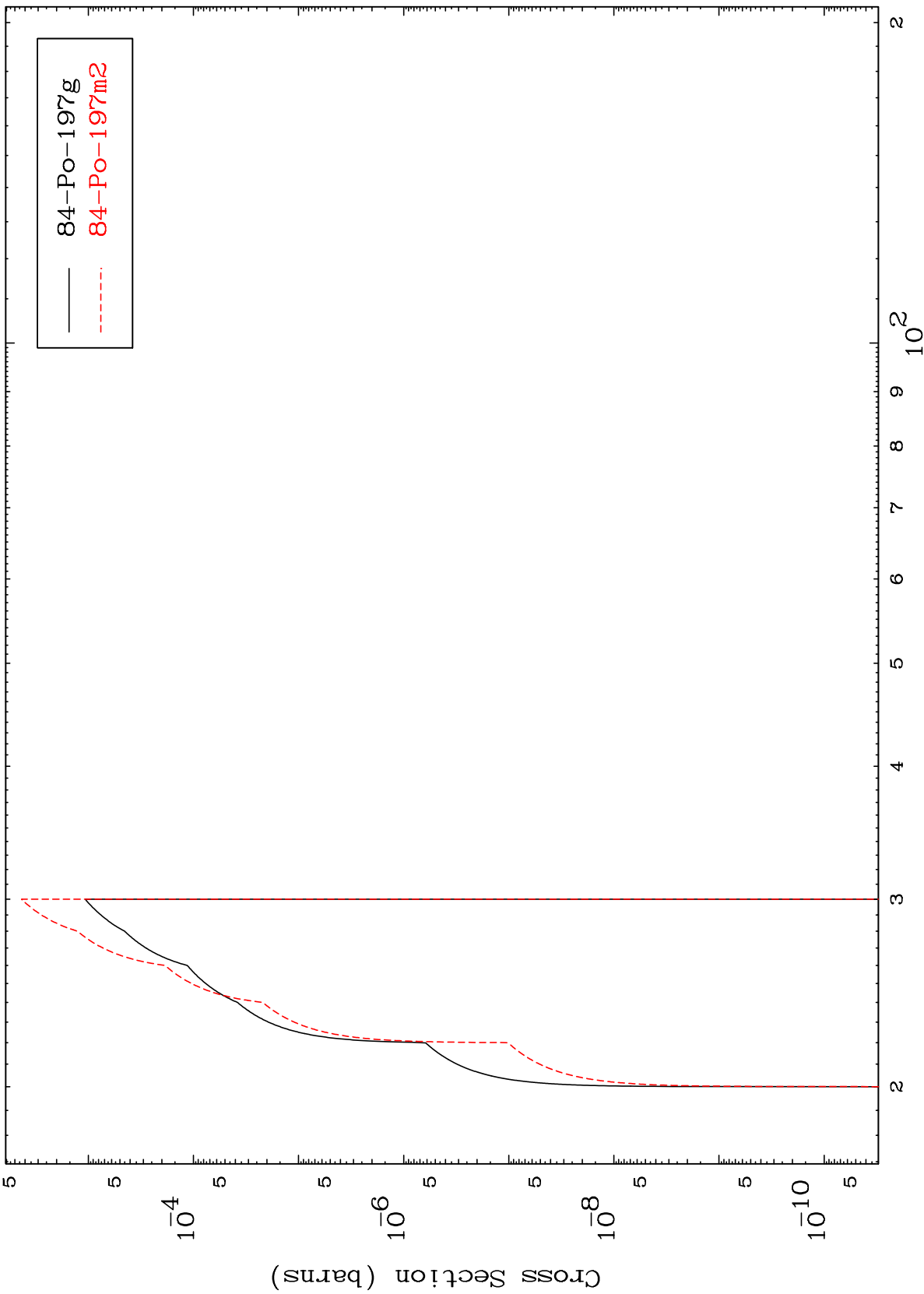
Incident Energy (MeV)

83-Bi-195

MAT 8284

83-Bi-195

(α, n') p
Radionuclide Production Cross Section



14

83-Bi-195

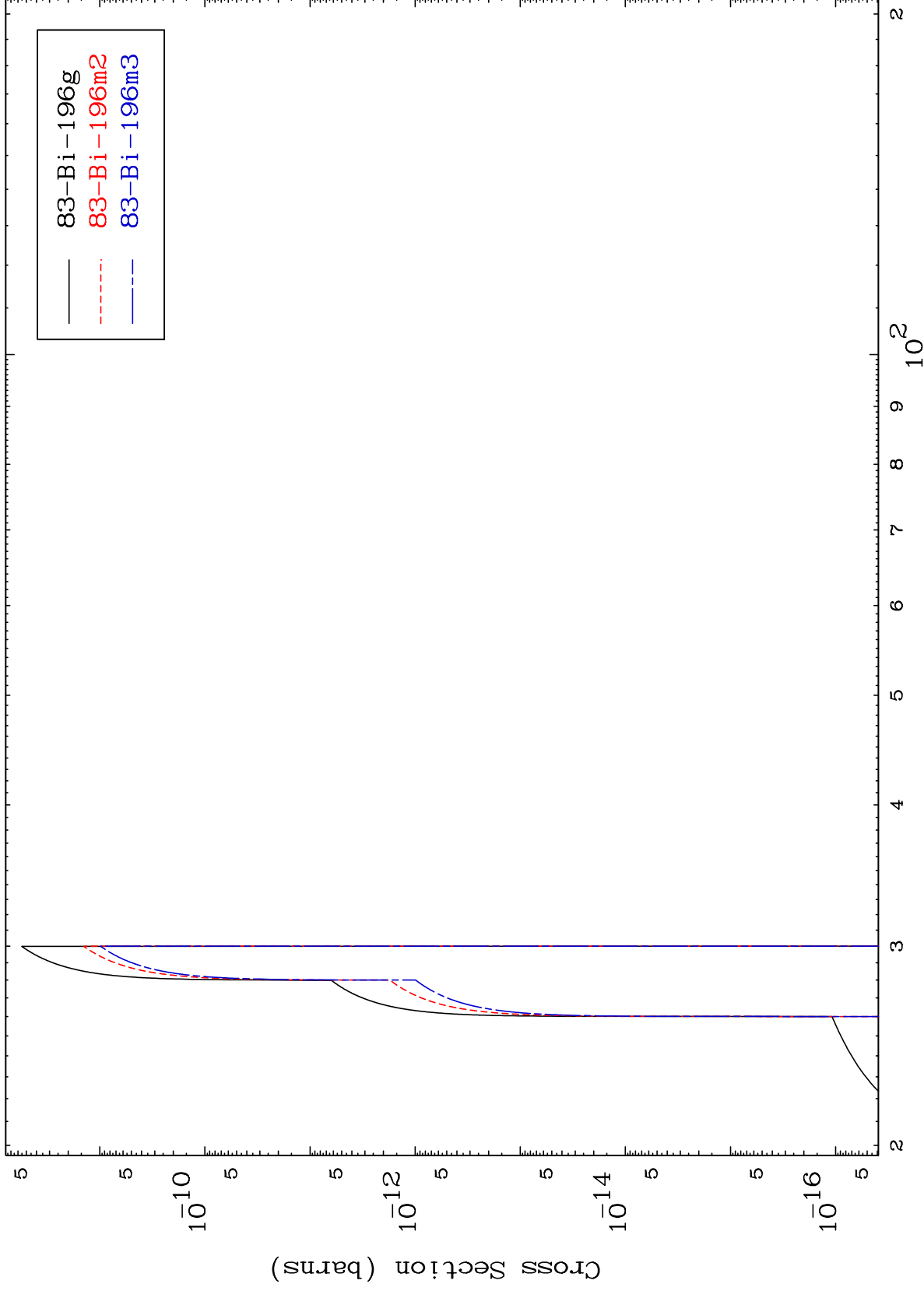
Incident Energy (MeV)

MAT 8284

$(\alpha, 2n)$ p

$^{83}\text{Bi}-195$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

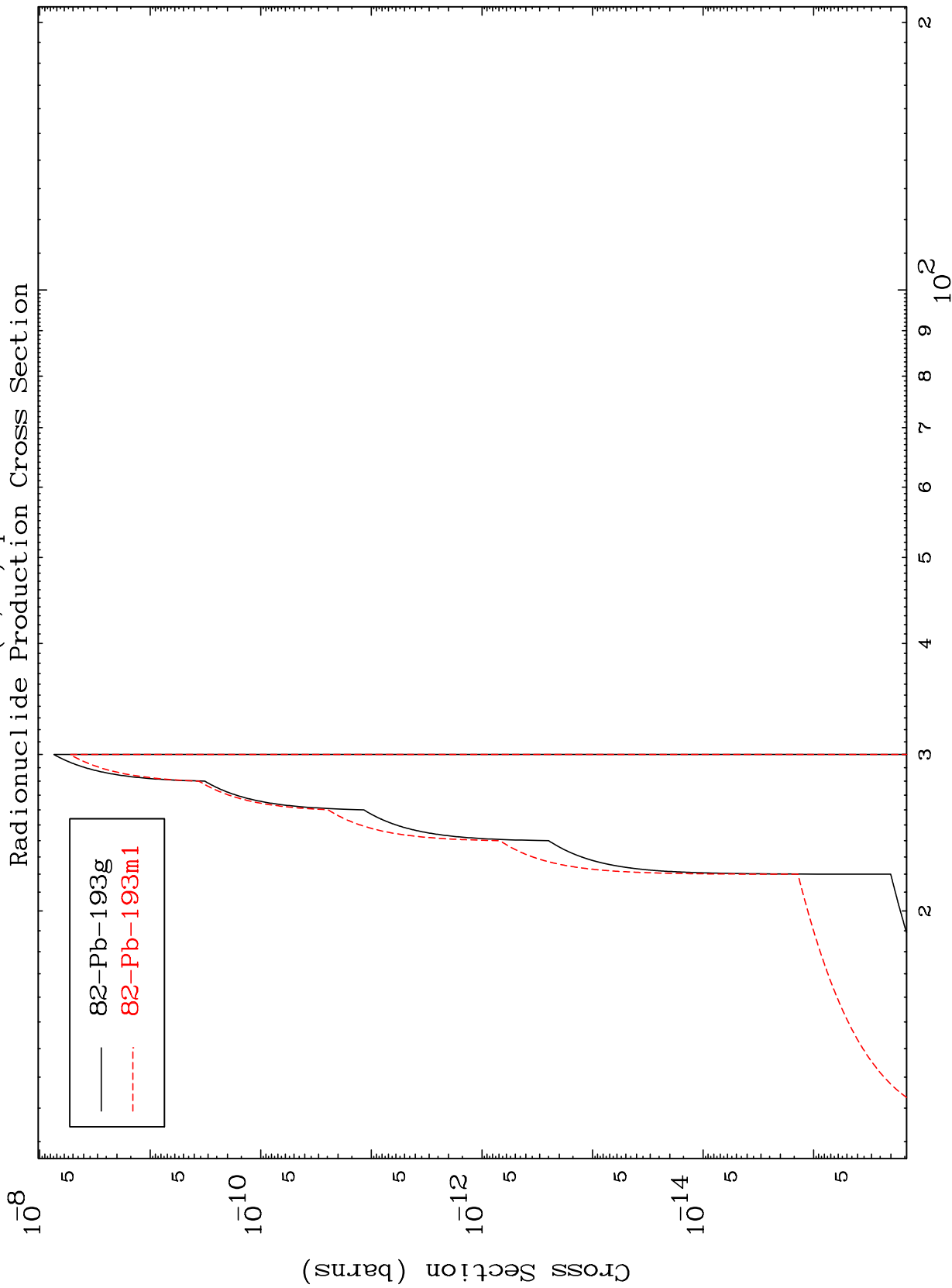
$^{83}\text{Bi}-195$

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83-Bi-195

(α, n') p α

Radionuclide Production Cross Section



83-Bi-195

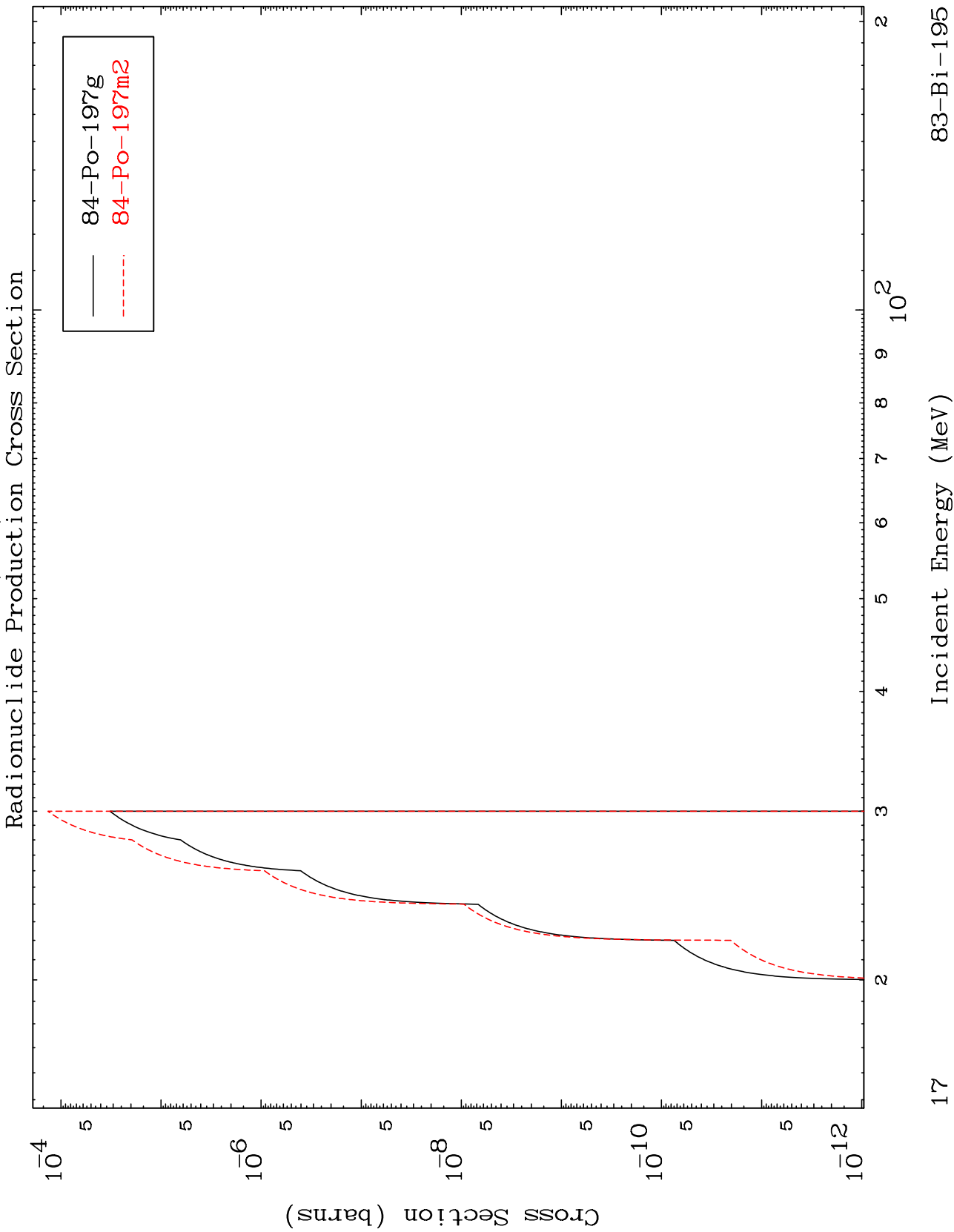
Incident Energy (MeV)

16

MAT 8284

(α, d)

83-Bi-195



17

Incident Energy (MeV)

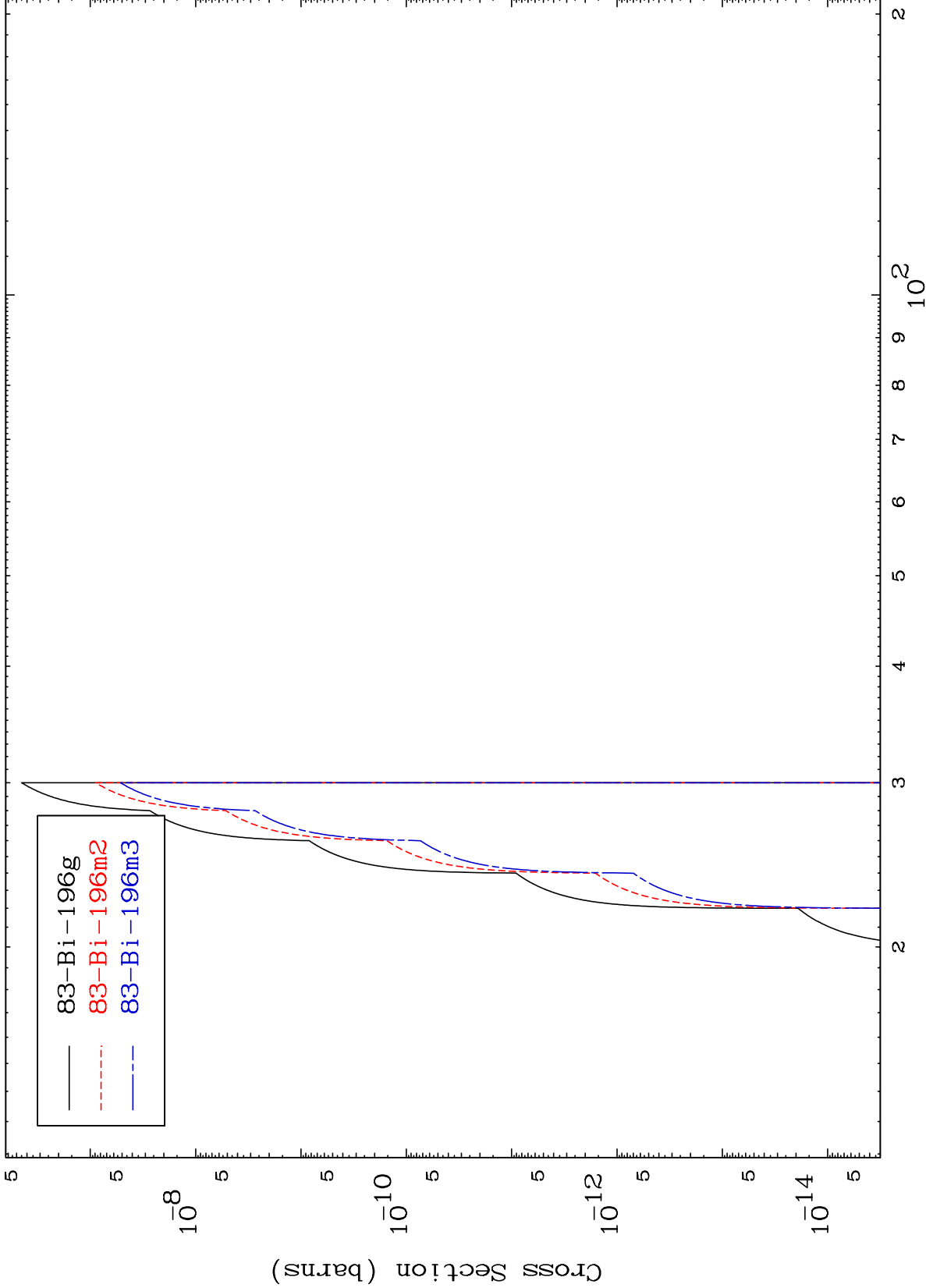
83-Bi-195

MAT 8284

($\alpha, \text{He-3}$)

83-Bi-195

Radionuclide Production Cross Section



18

Incident Energy (MeV)

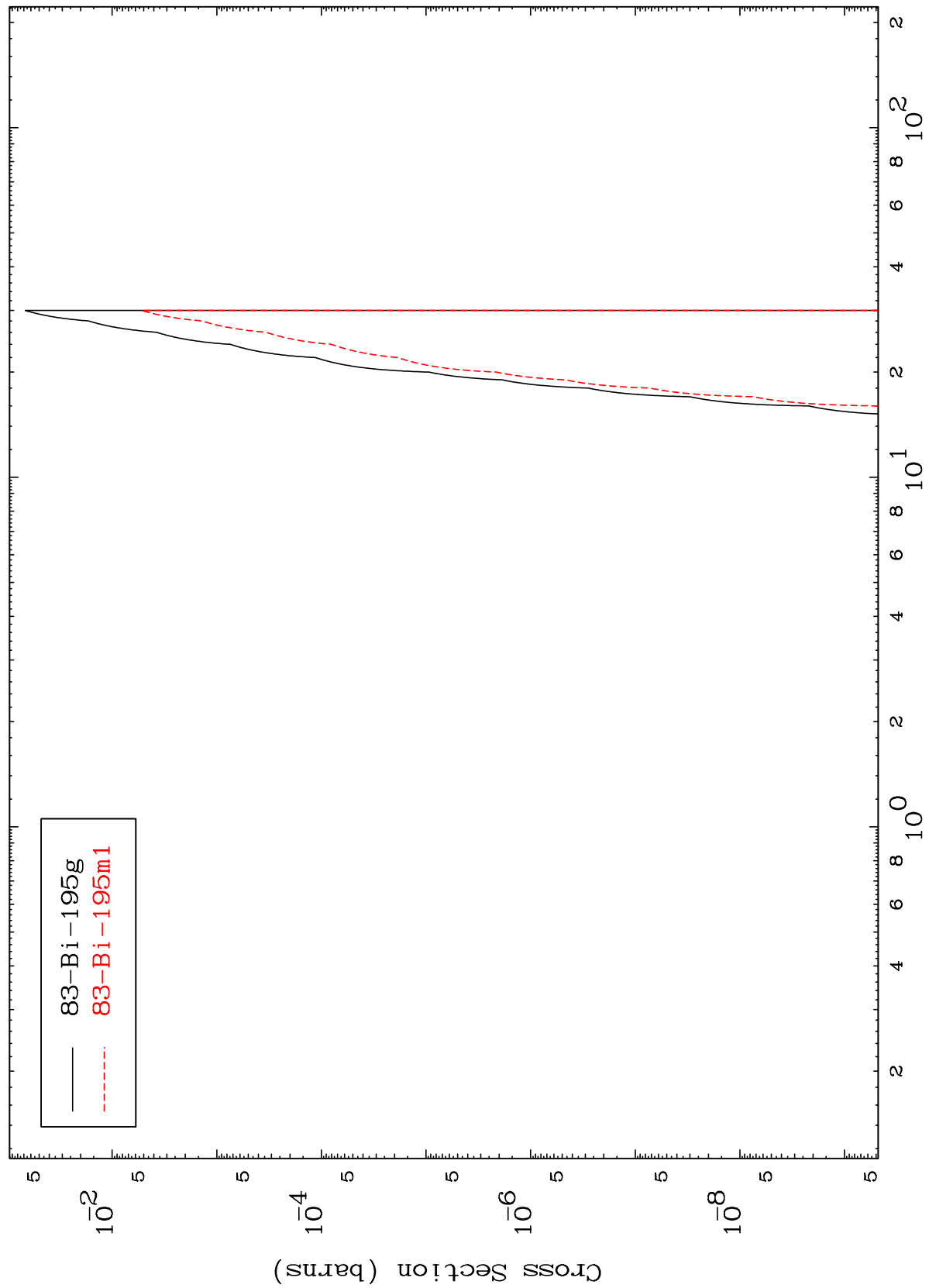
83-Bi-195

MAT 8284

83-Bi-195

(α, α)

Radionuclide Production Cross Section



83-Bi-195g
83-Bi-195m1

83-Bi-195

Incident Energy (MeV)

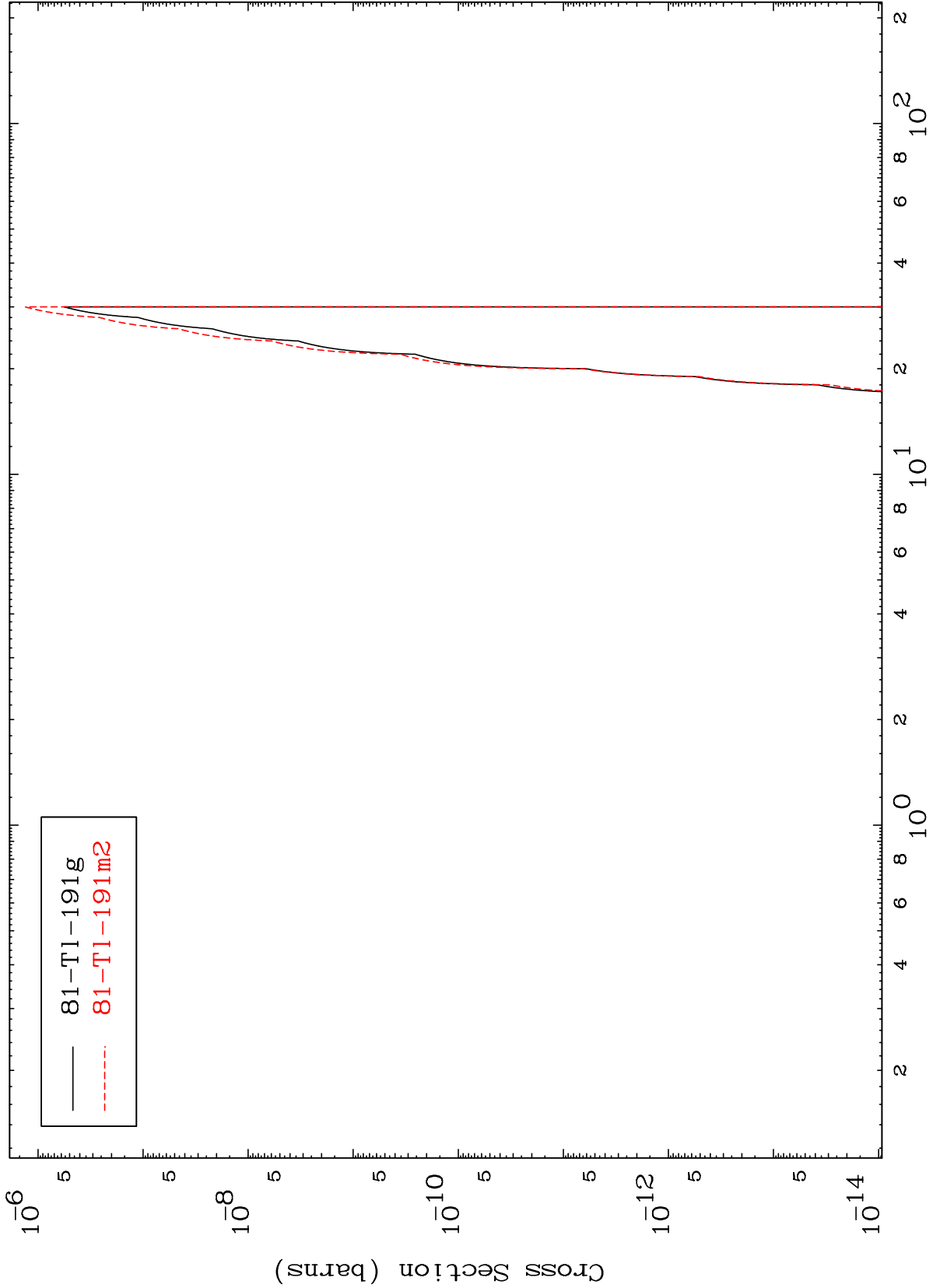
19

MAT 8284

($\alpha, 2\alpha$)

83-Bi-195

Radionuclide Production Cross Section

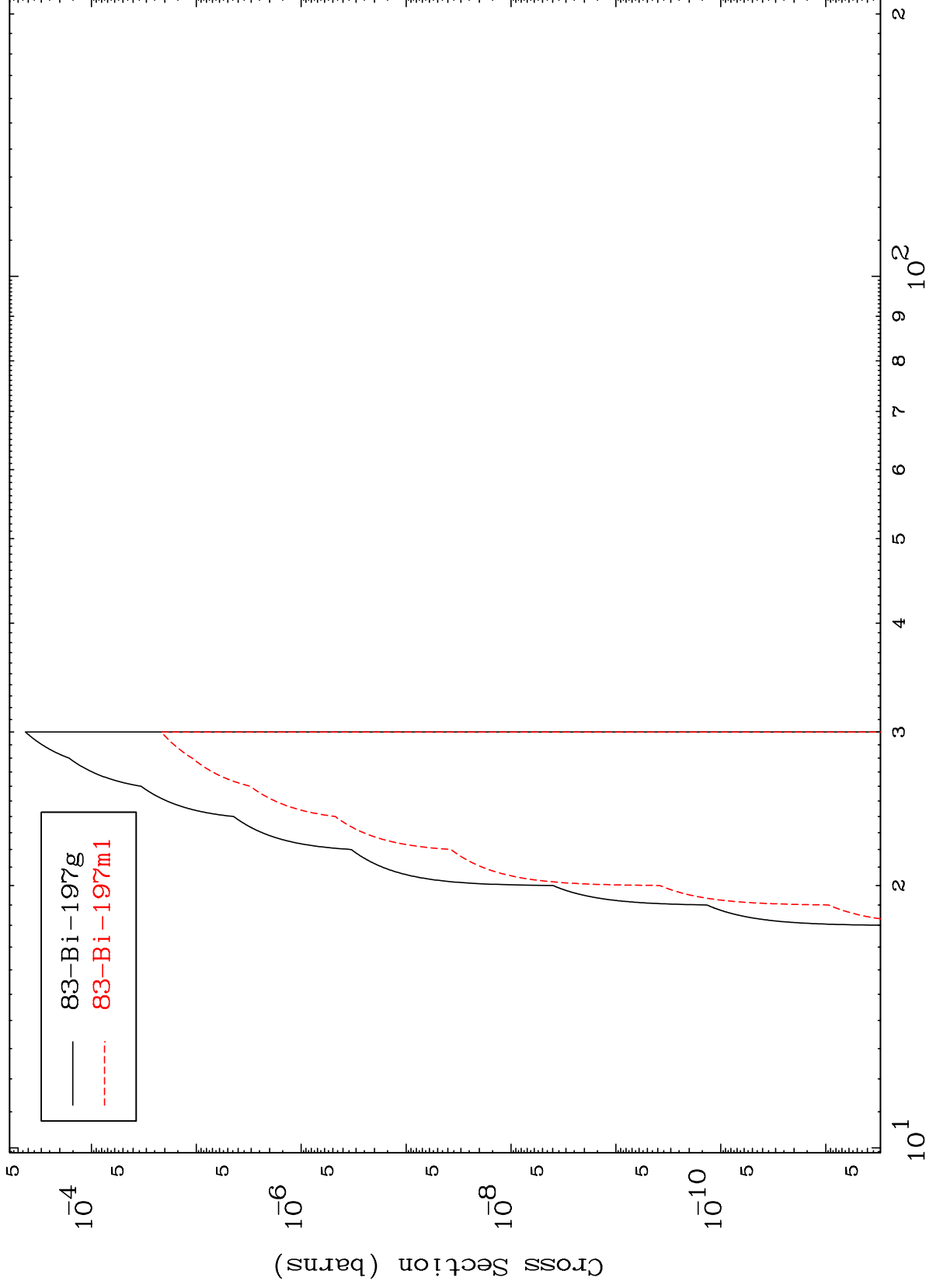


81-Tl-191g
81-Tl-191m2

MAT 8284

83-Bi-195

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



83-Bi-195

Incident Energy (MeV)

21