

Program EVALPLOT
(Version 2018-1)

by

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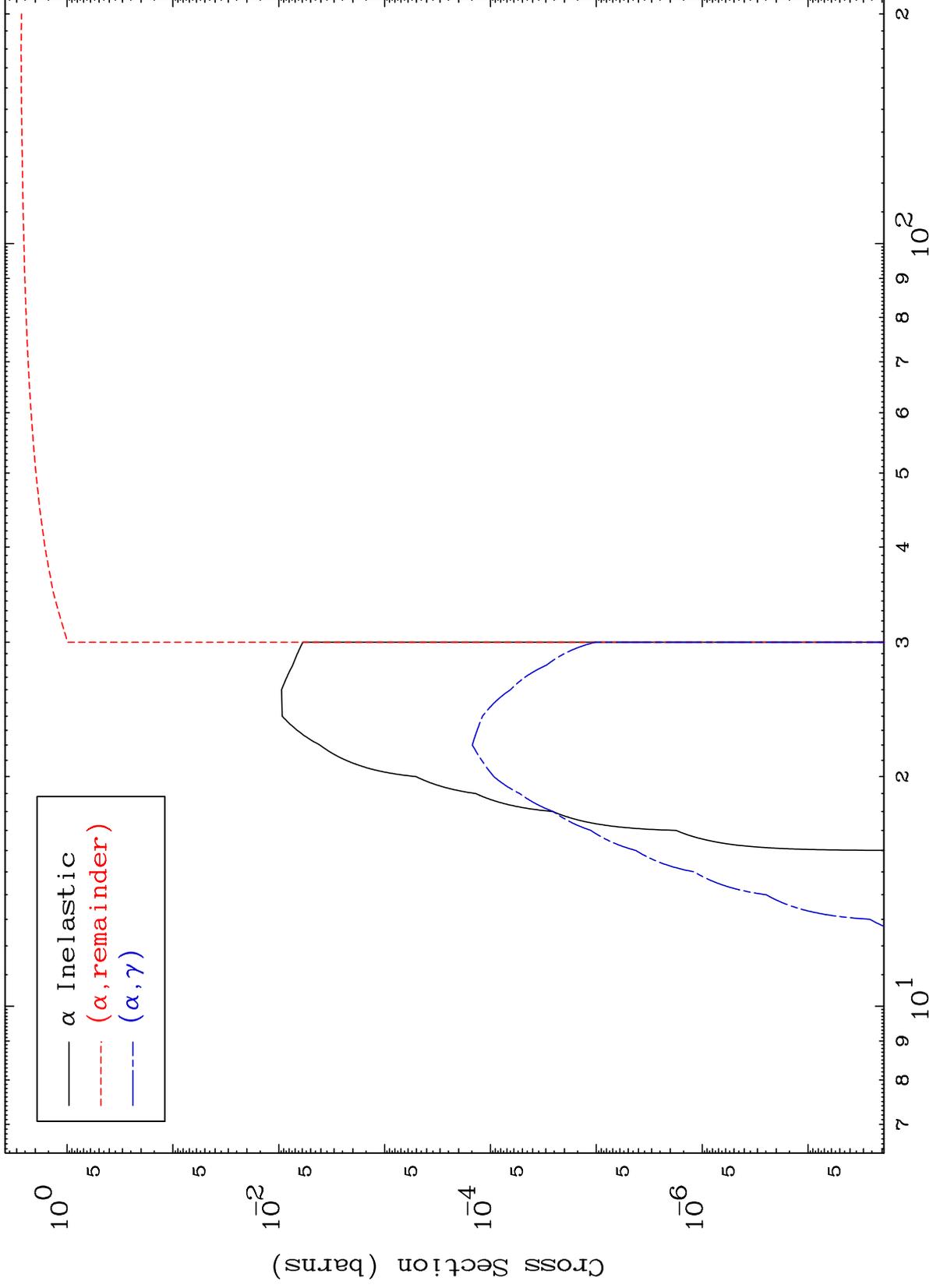
Press Mouse Button to Start

MAT 8281

0 Kelvin

α Major
Cross Sections

83-Bi-194



1

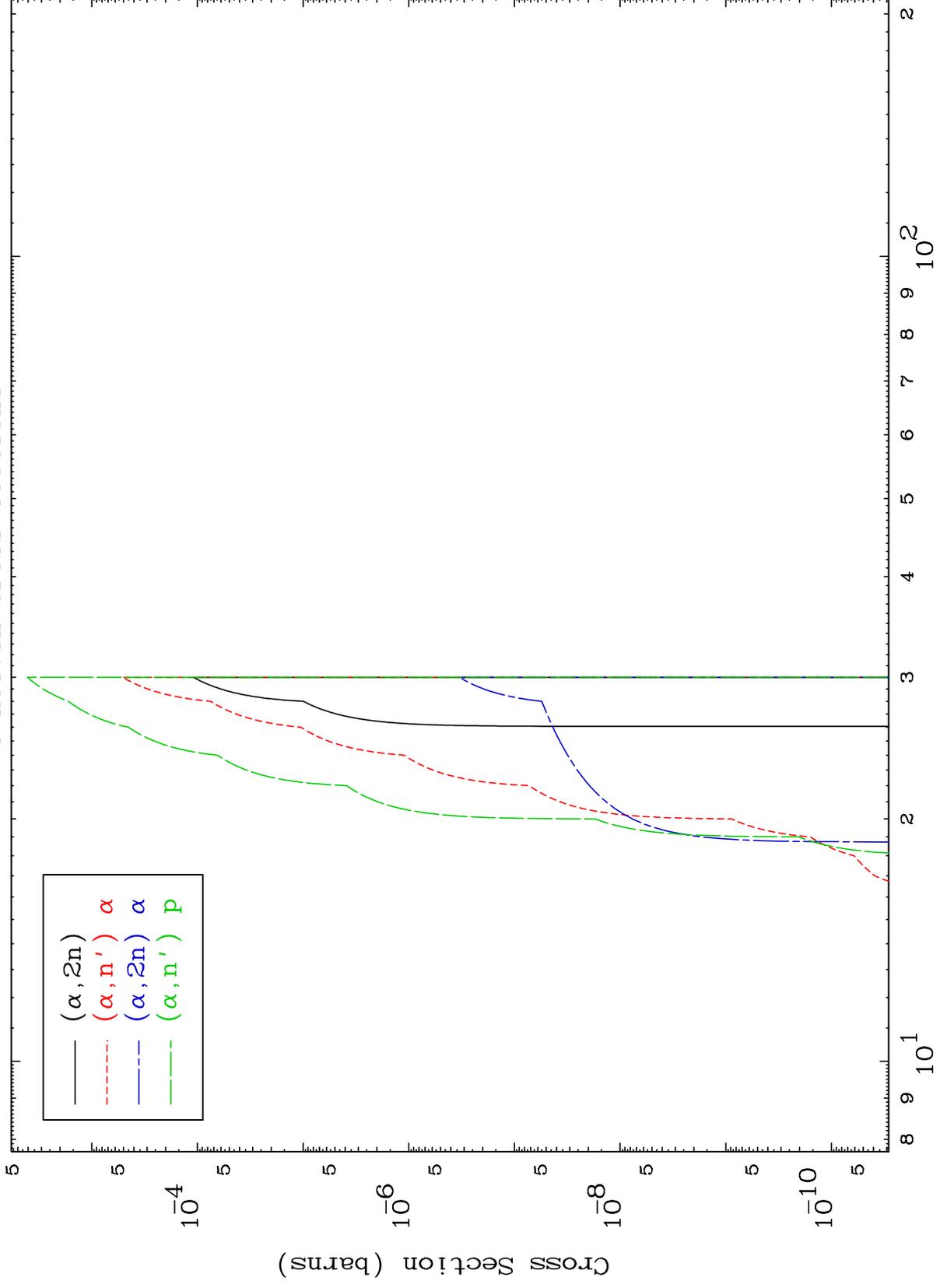
Incident Energy (MeV)

83-Bi-194

MAT 8281

α Neutron Production
0 Kelvin Cross Sections

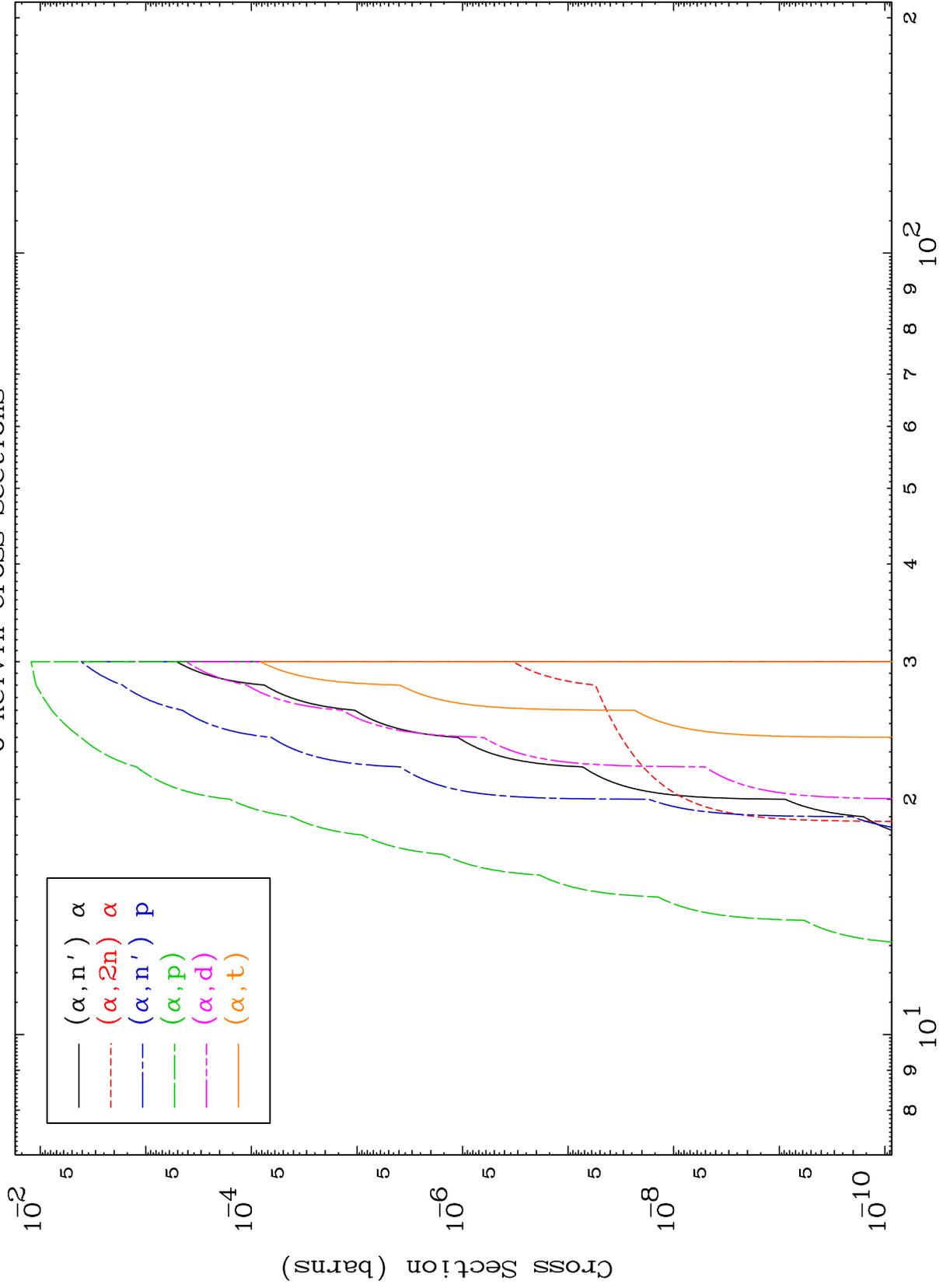
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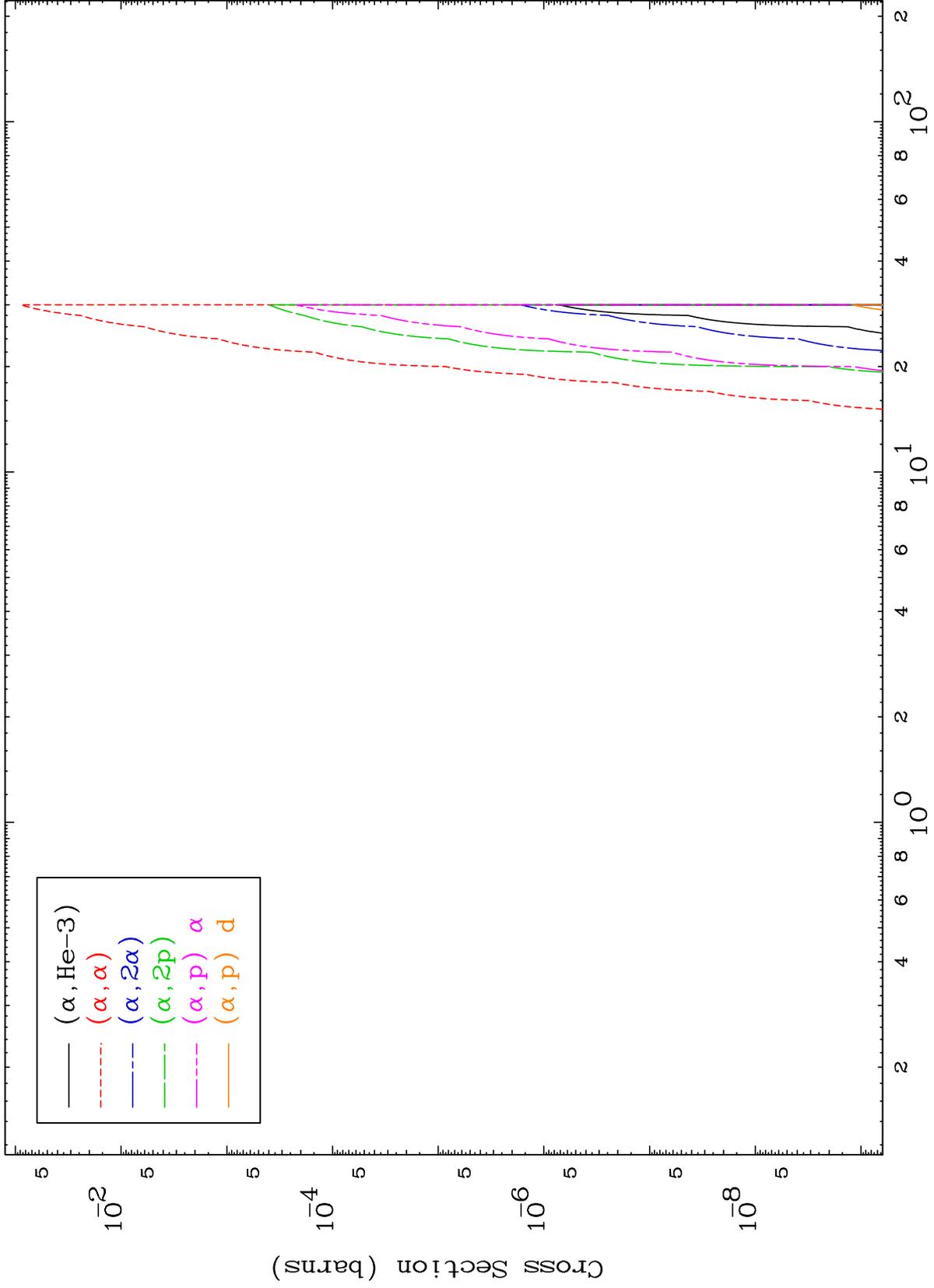


Incident Energy (MeV)

83-Bi-194

2



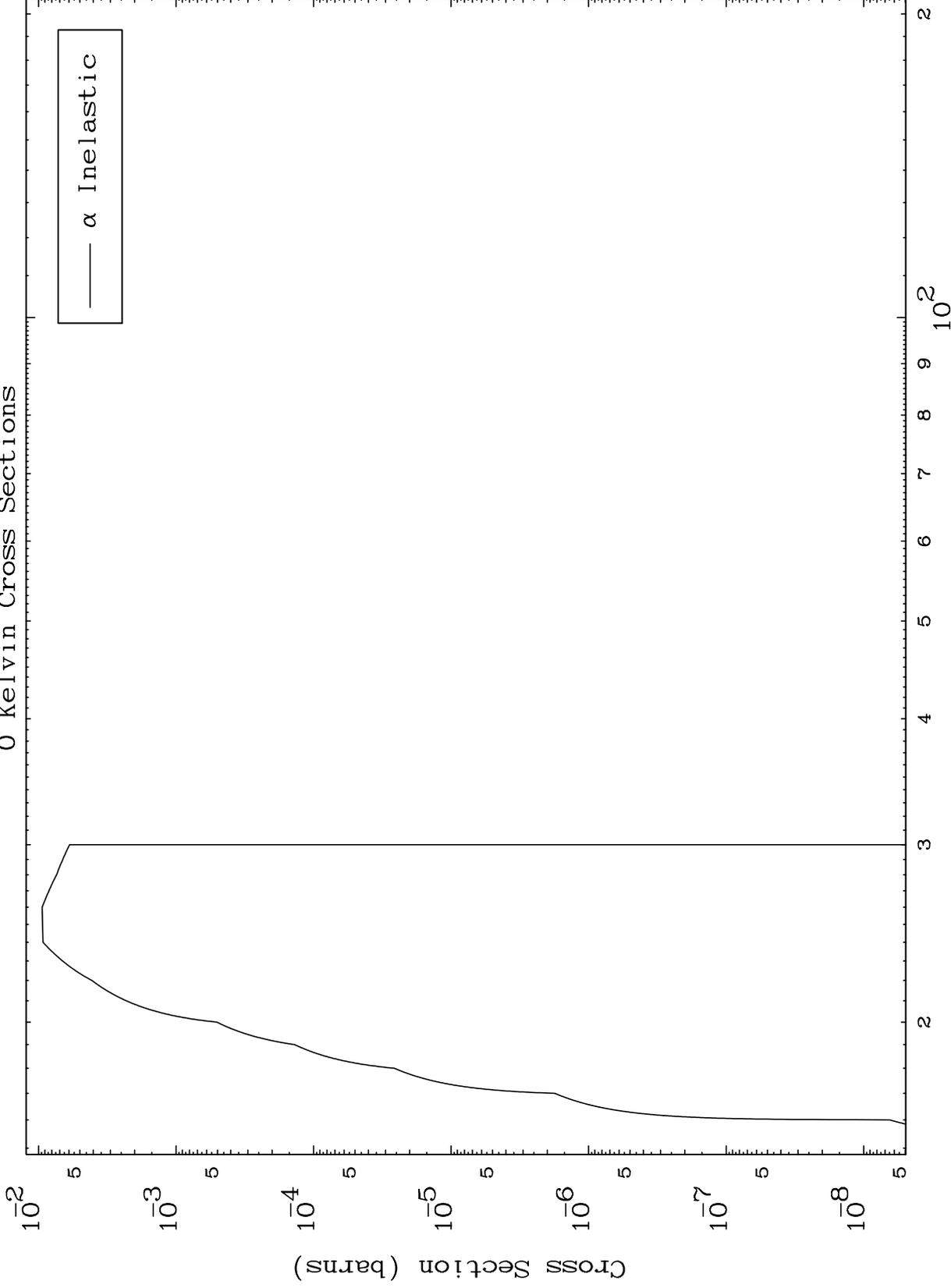


MAT 8281

(α, n') Level

83-Bi-194

0 Kelvin Cross Sections



5

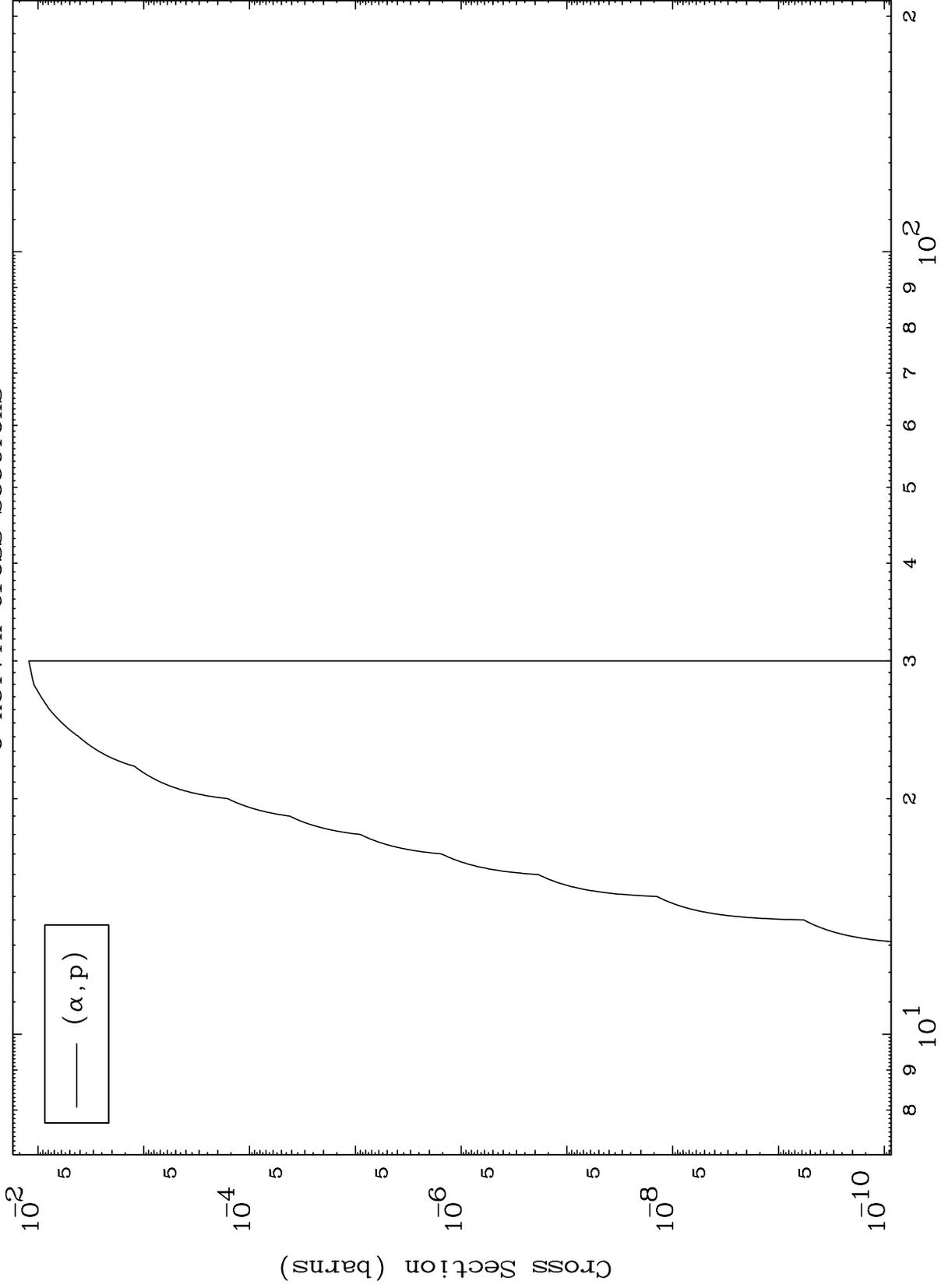
Incident Energy (MeV)

83-Bi-194

MAT 8281

(α, p) Levels
0 Kelvin Cross Sections

83-Bi-194



6

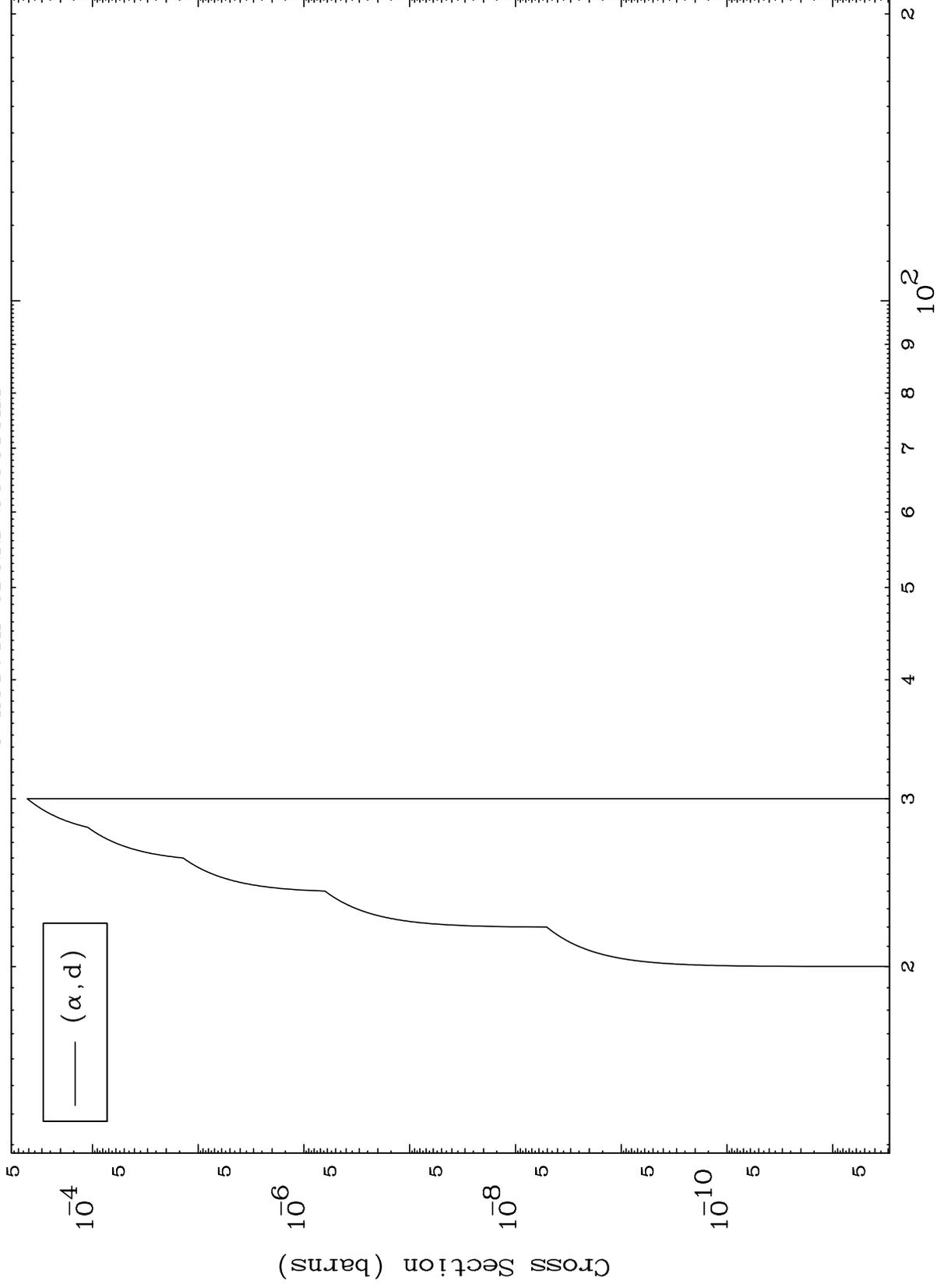
Incident Energy (MeV)

83-Bi-194

MAT 8281

(α, d) Levels
0 Kelvin Cross Sections

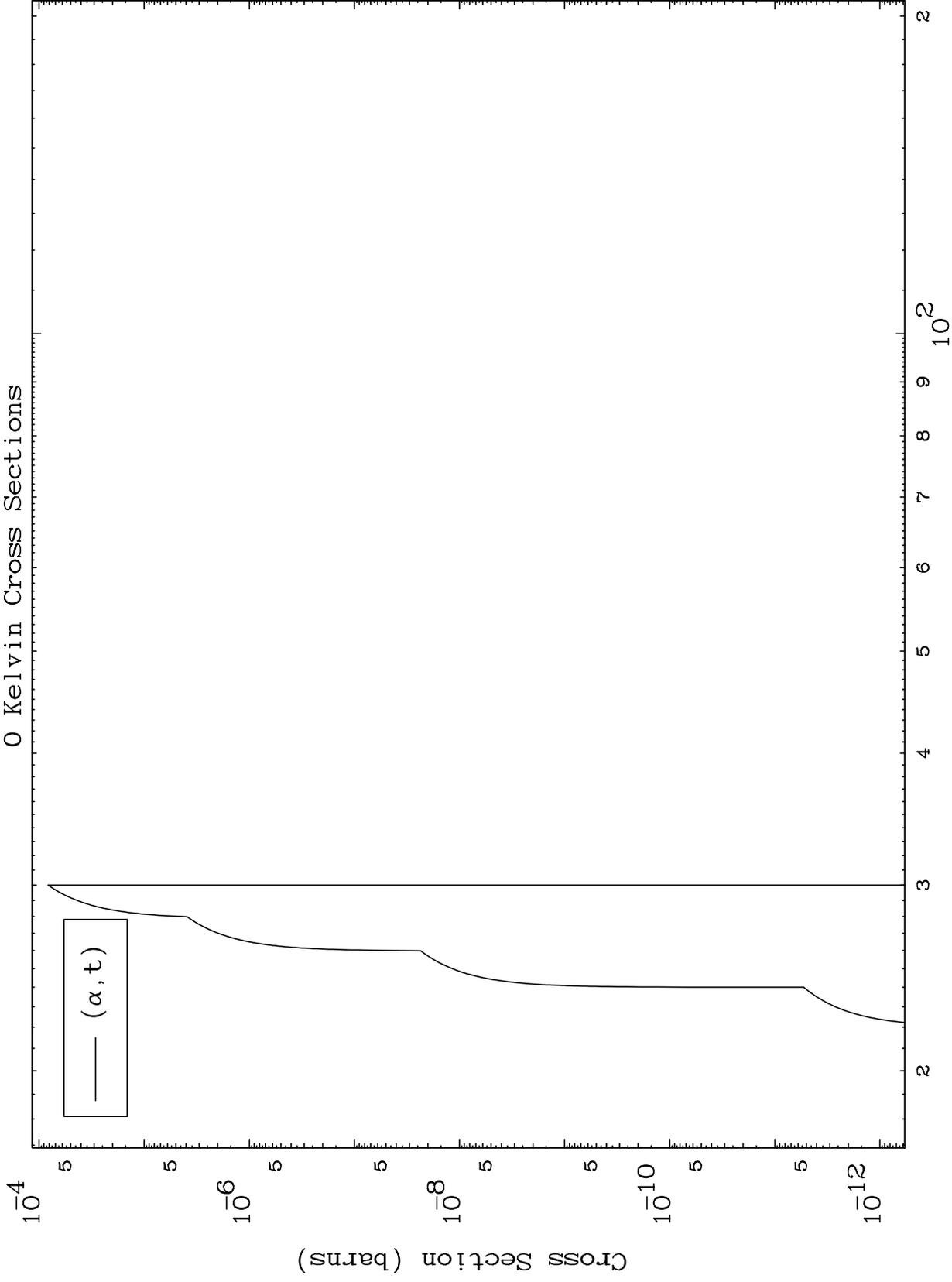
83-Bi-194



MAT 8281

(α, t) Levels
0 Kelvin Cross Sections

83-Bi-194



8

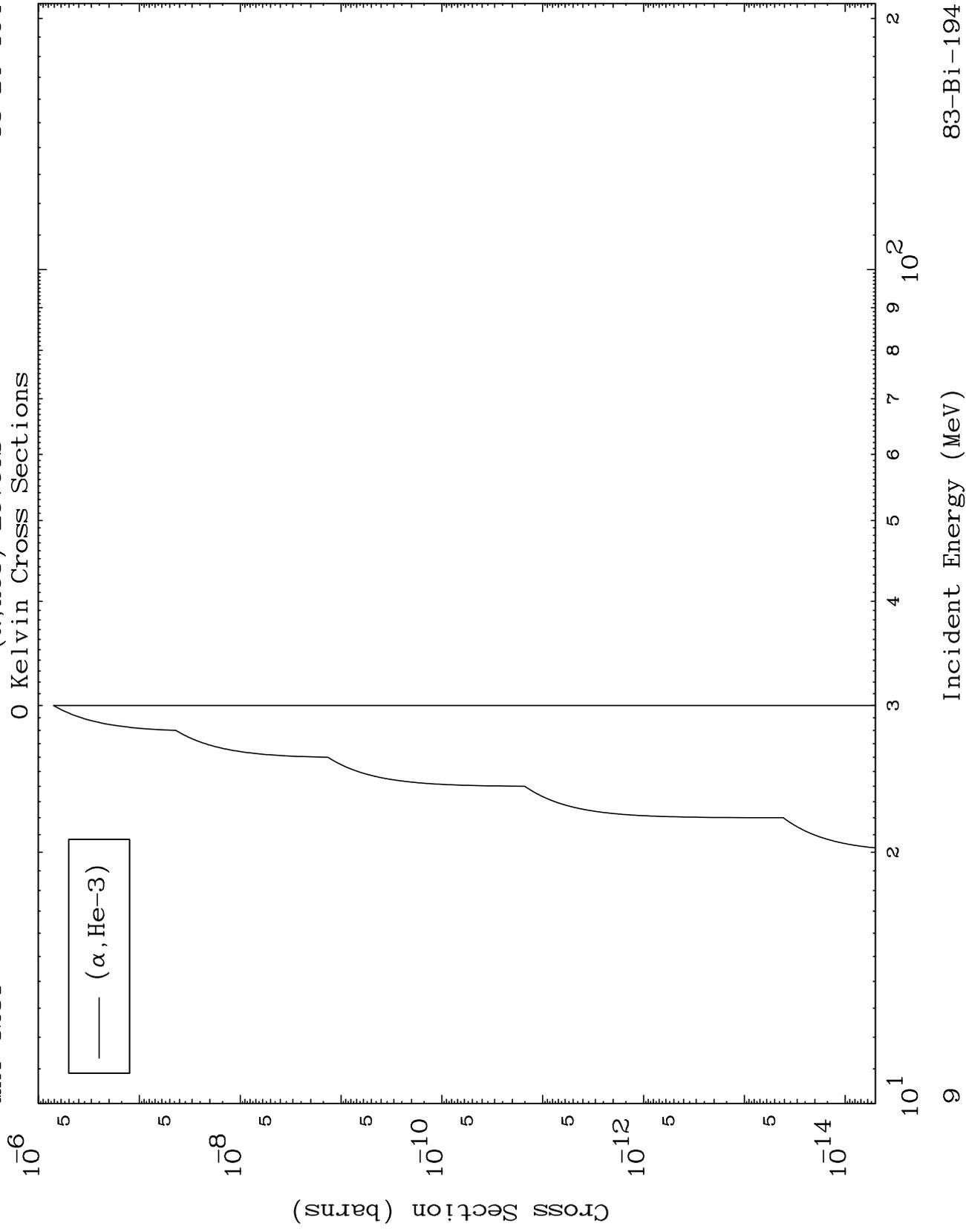
Incident Energy (MeV)

83-Bi-194

MAT 8281

(α , He3) Levels
0 Kelvin Cross Sections

83-Bi-194



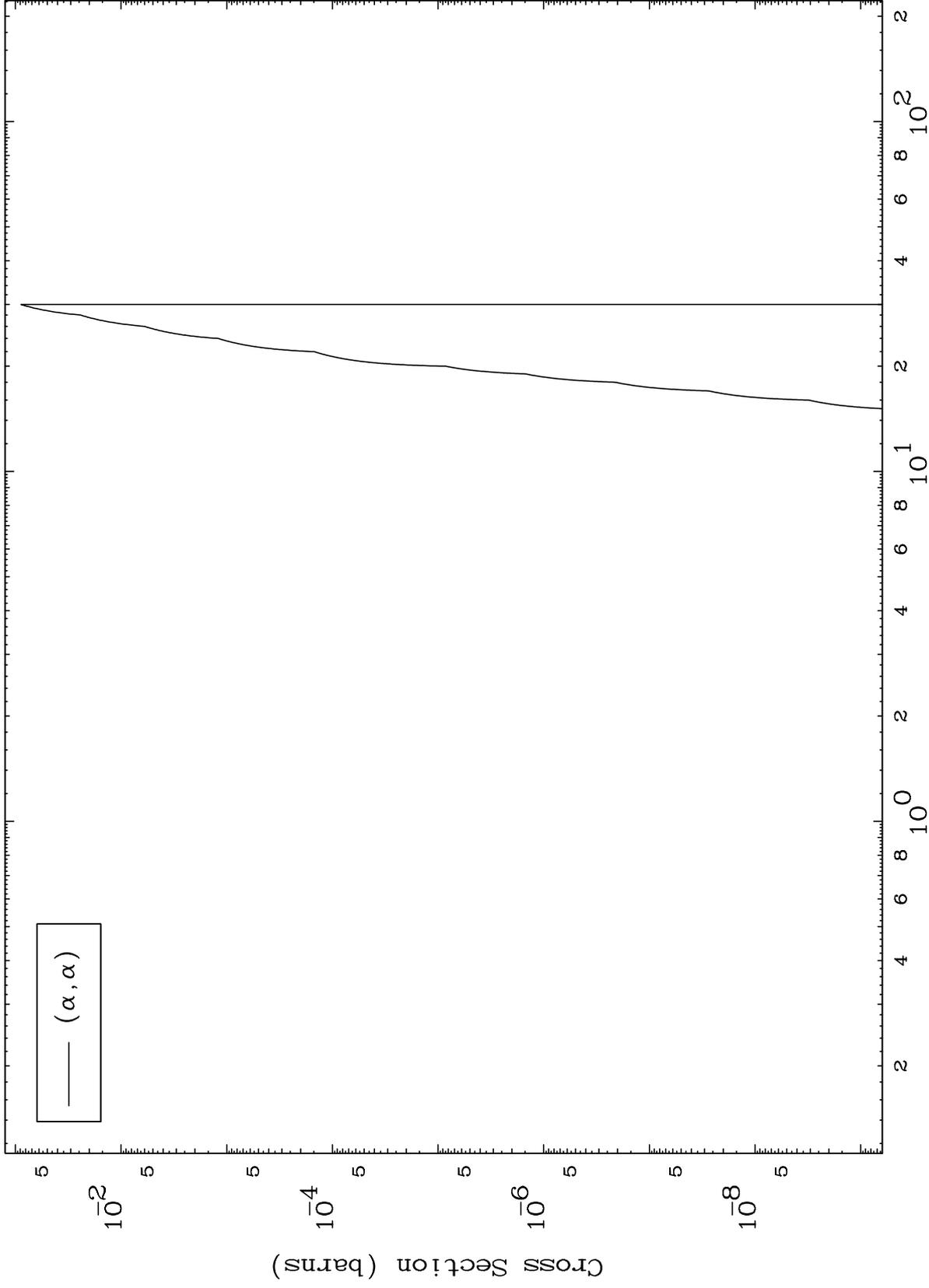
83-Bi-194

Incident Energy (MeV)

MAT 8281

(α, α) Levels
0 Kelvin Cross Sections

83-Bi-194



10

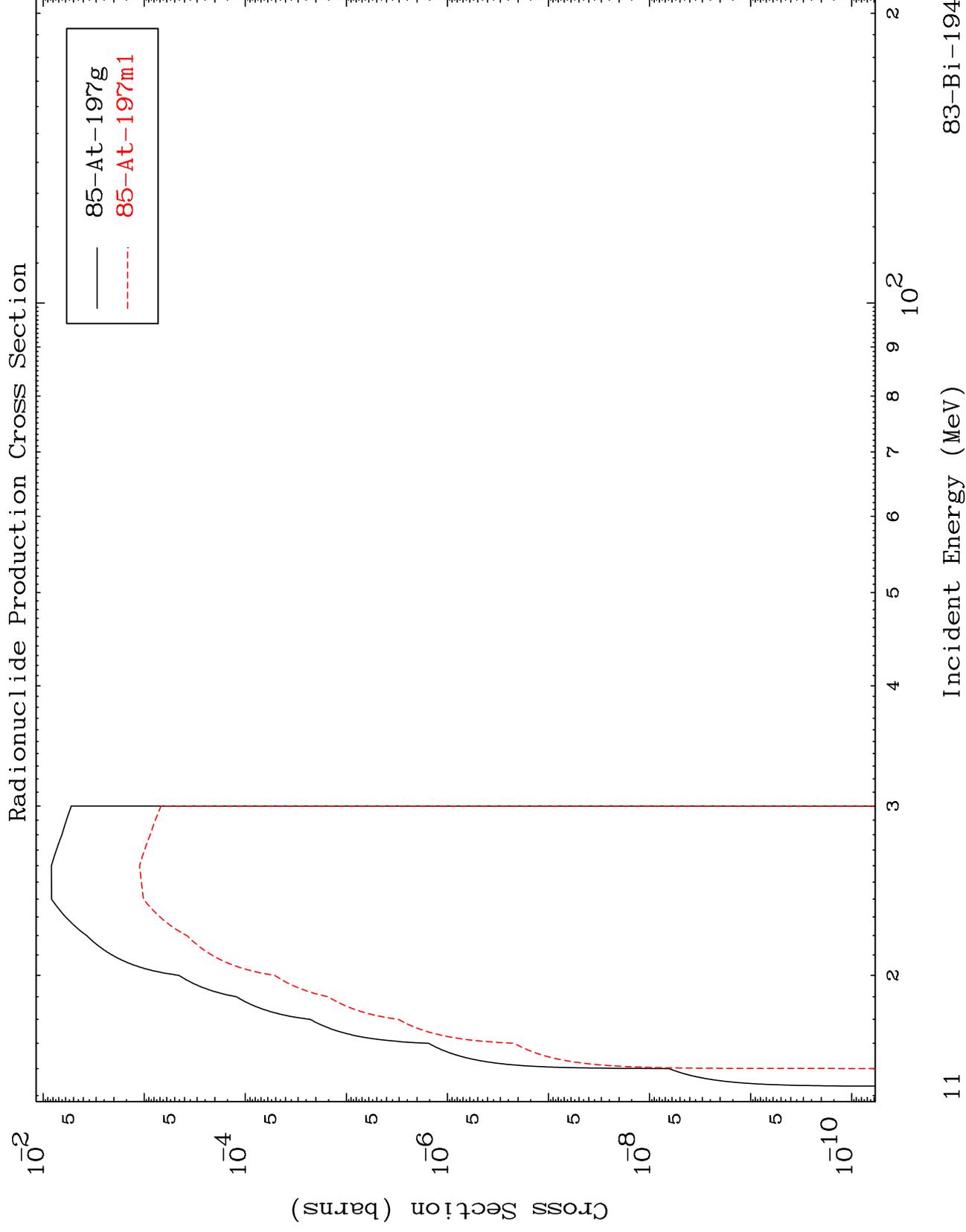
Incident Energy (MeV)

83-Bi-194

MAT 8281

α Inelastic

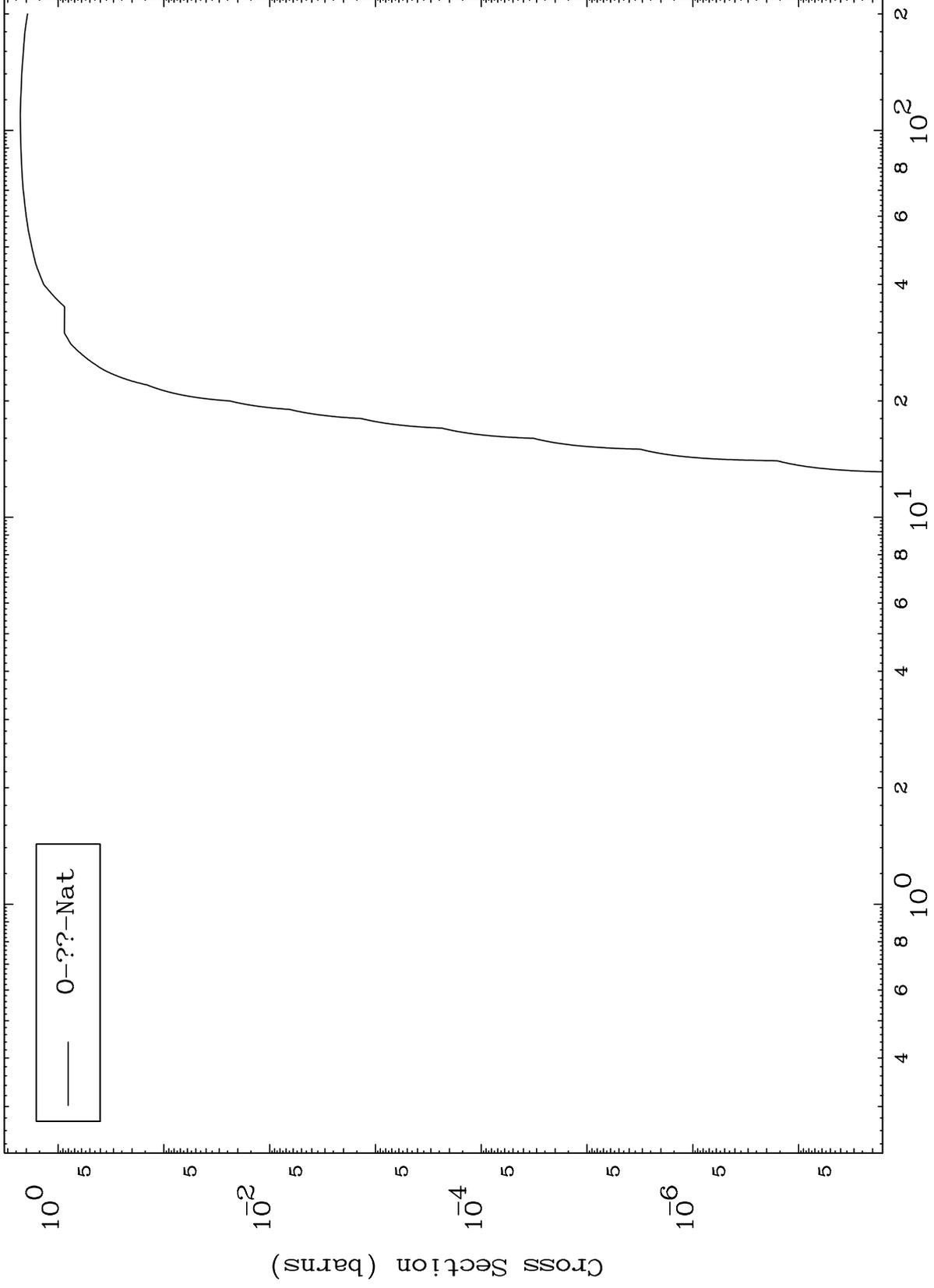
83-Bi-194



MAT 8281

83-Bi-194

α Fission
Radionuclide Production Cross Section



12

83-Bi-194

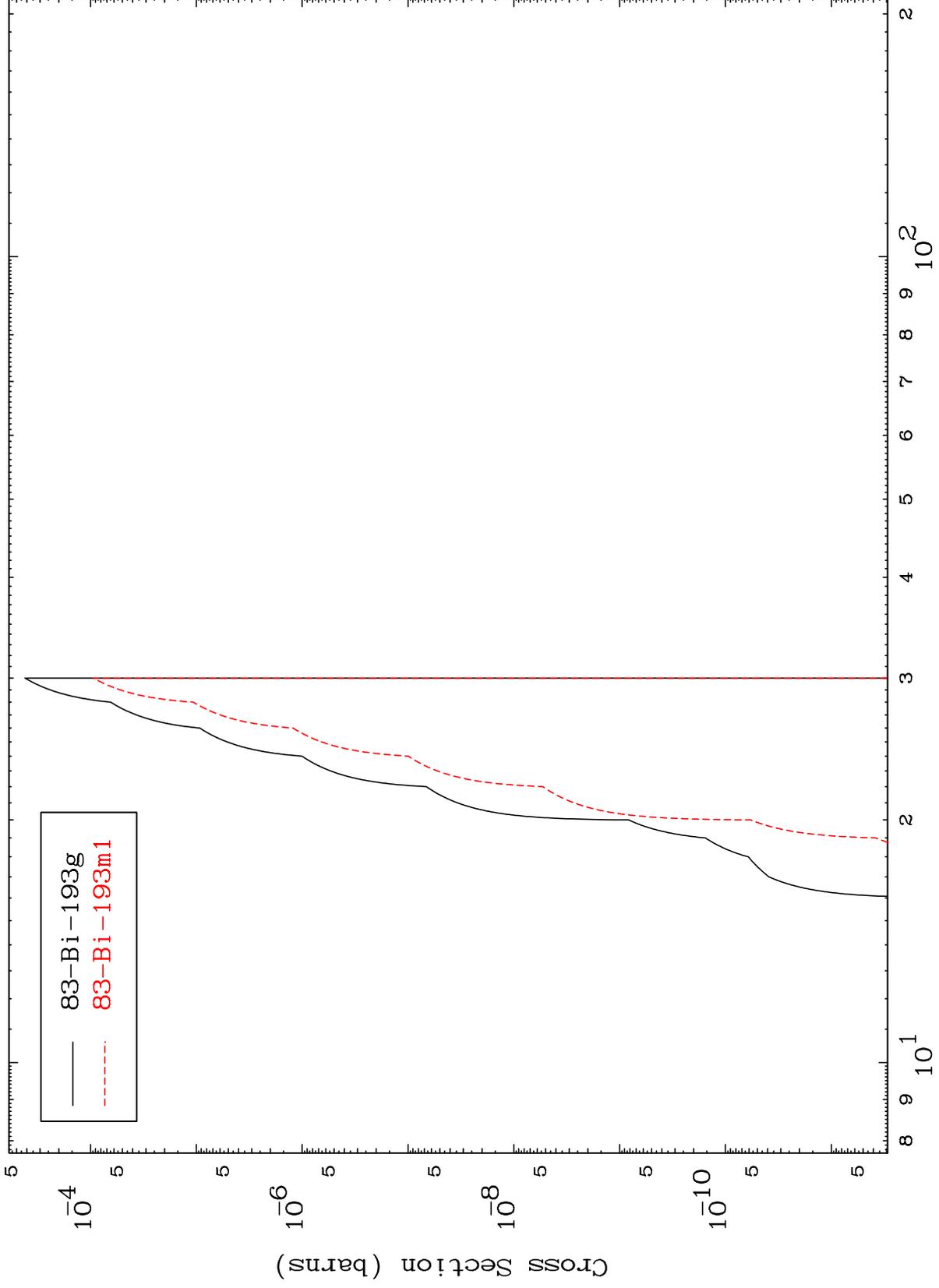
Incident Energy (MeV)

MAT 8281

(α, n') α

83-Bi-194

Radionuclide Production Cross Section



83-Bi-193g
83-Bi-193m1

13

Incident Energy (MeV)

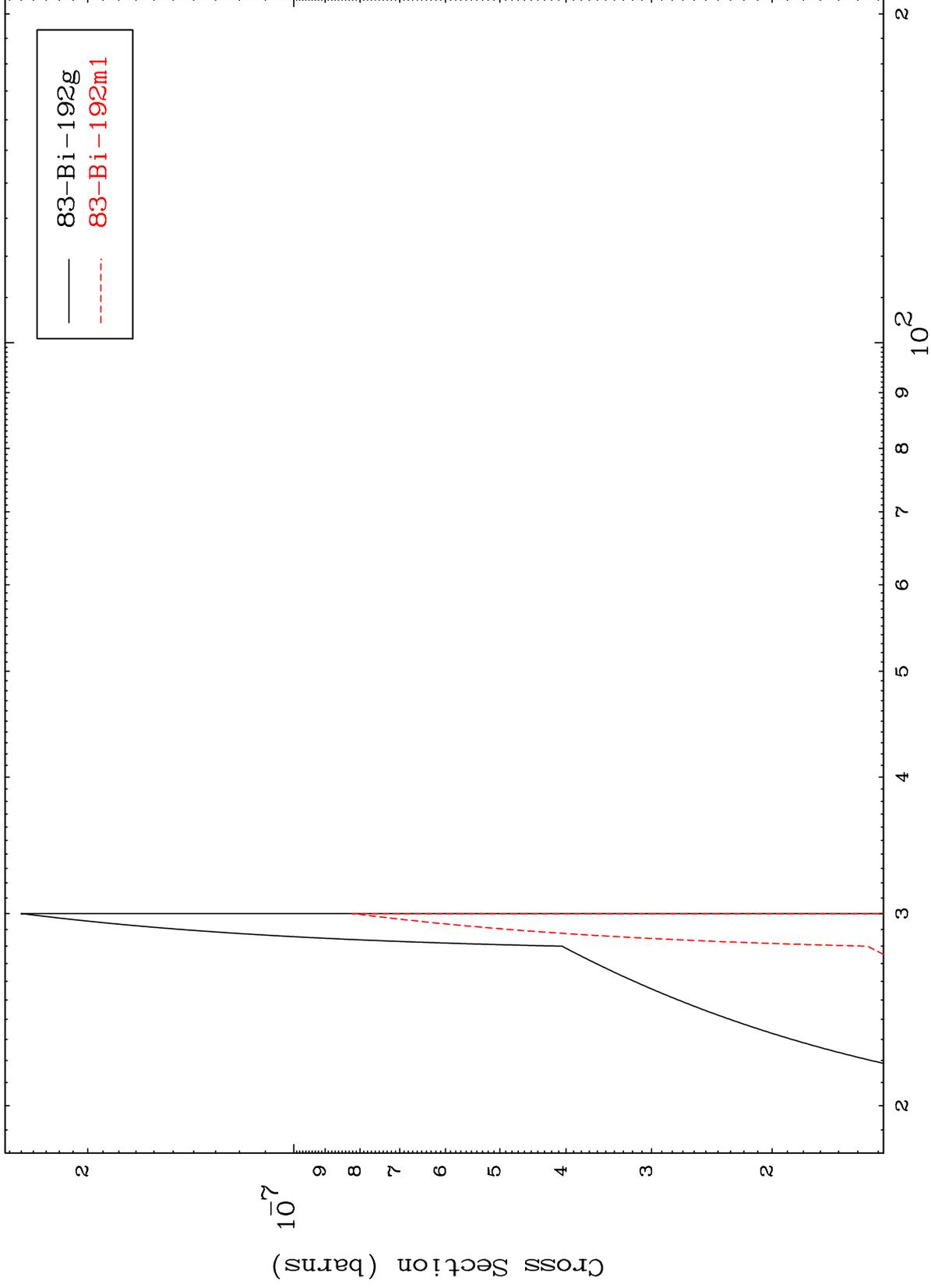
83-Bi-194

MAT 8281

$^{83}\text{Bi}-194$

$(\alpha, 2n)$ α

Radionuclide Production Cross Section



$^{83}\text{Bi}-194$

Incident Energy (MeV)

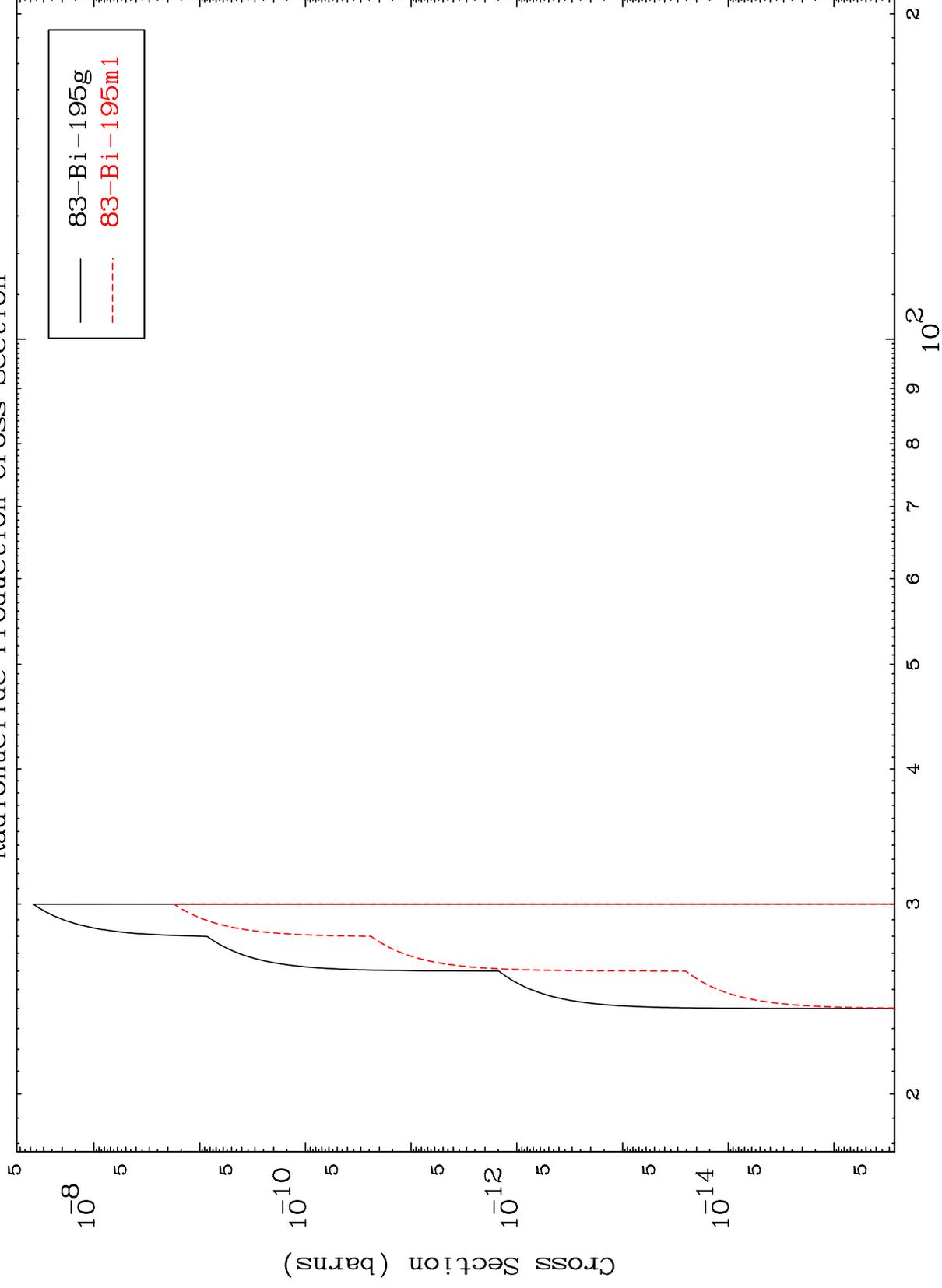
14

MAT 8281

83-Bi-194

($\alpha, 2n$) p

Radionuclide Production Cross Section



15

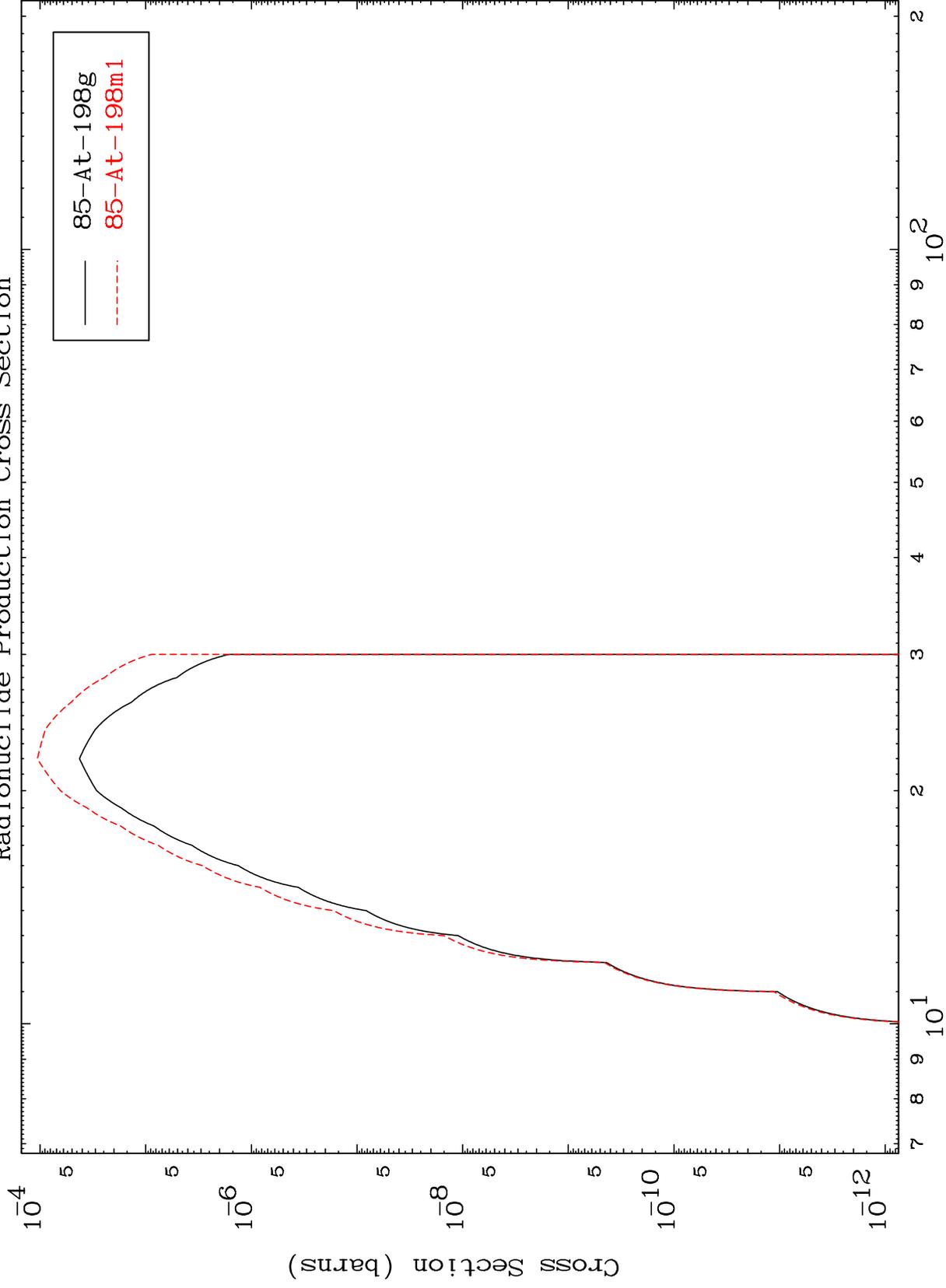
Incident Energy (MeV)

83-Bi-194

MAT 8281

83-Bi-194

(α, γ)
Radionuclide Production Cross Section



16

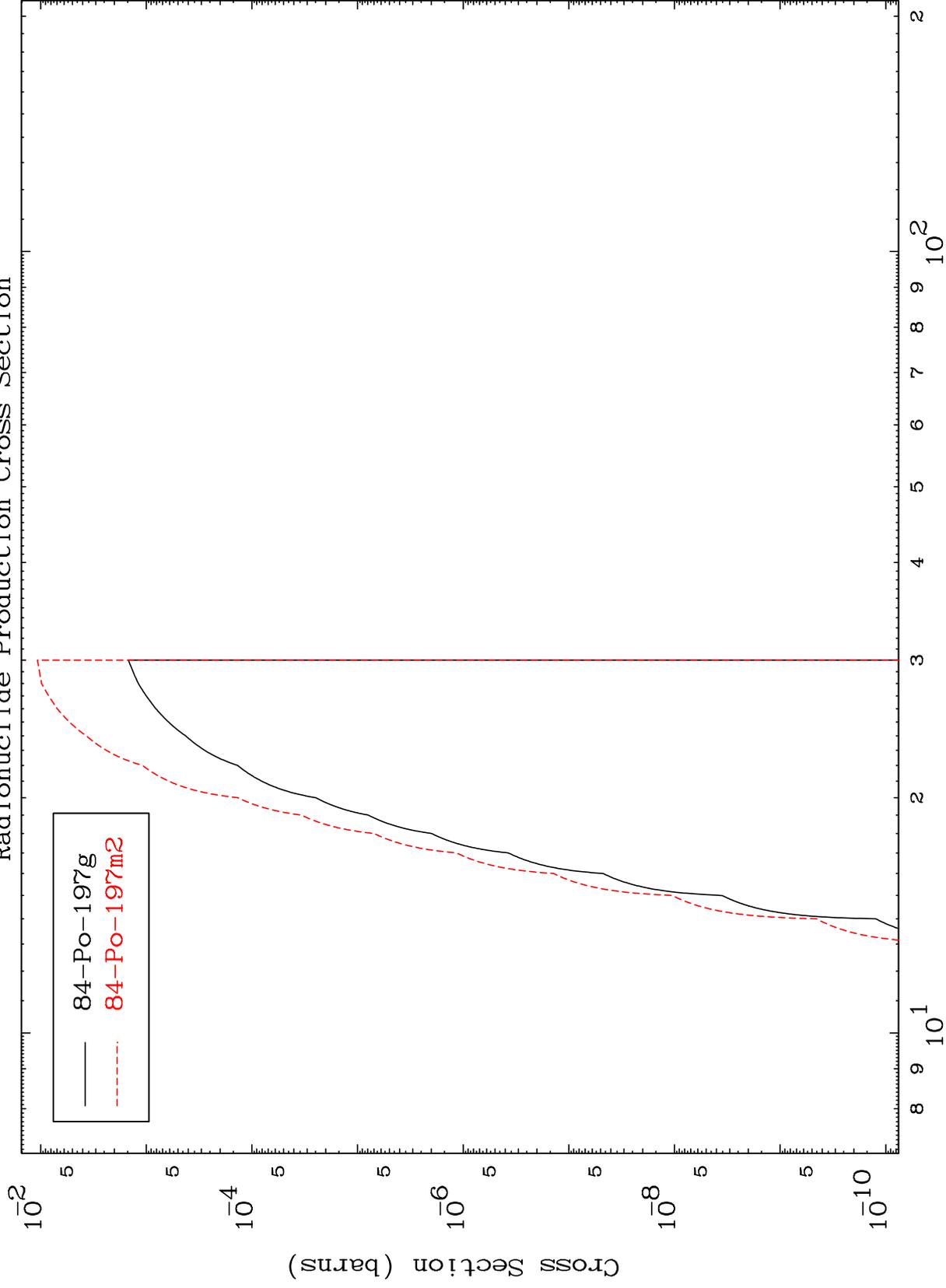
Incident Energy (MeV)

83-Bi-194

MAT 8281

83-Bi-194

(α, p)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

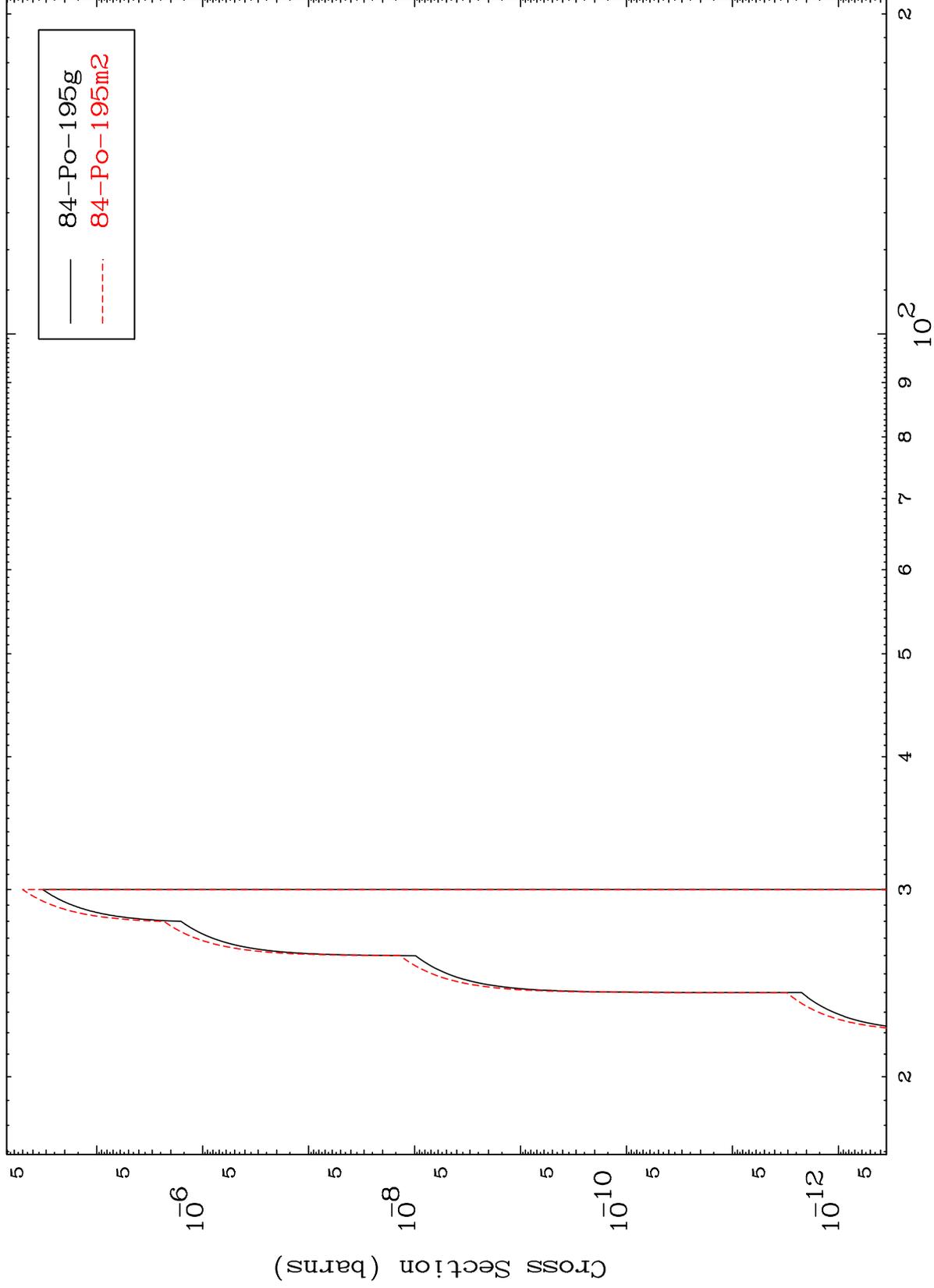
83-Bi-194

MAT 8281

(α, t)

83-Bi-194

Radionuclide Production Cross Section



18

Incident Energy (MeV)

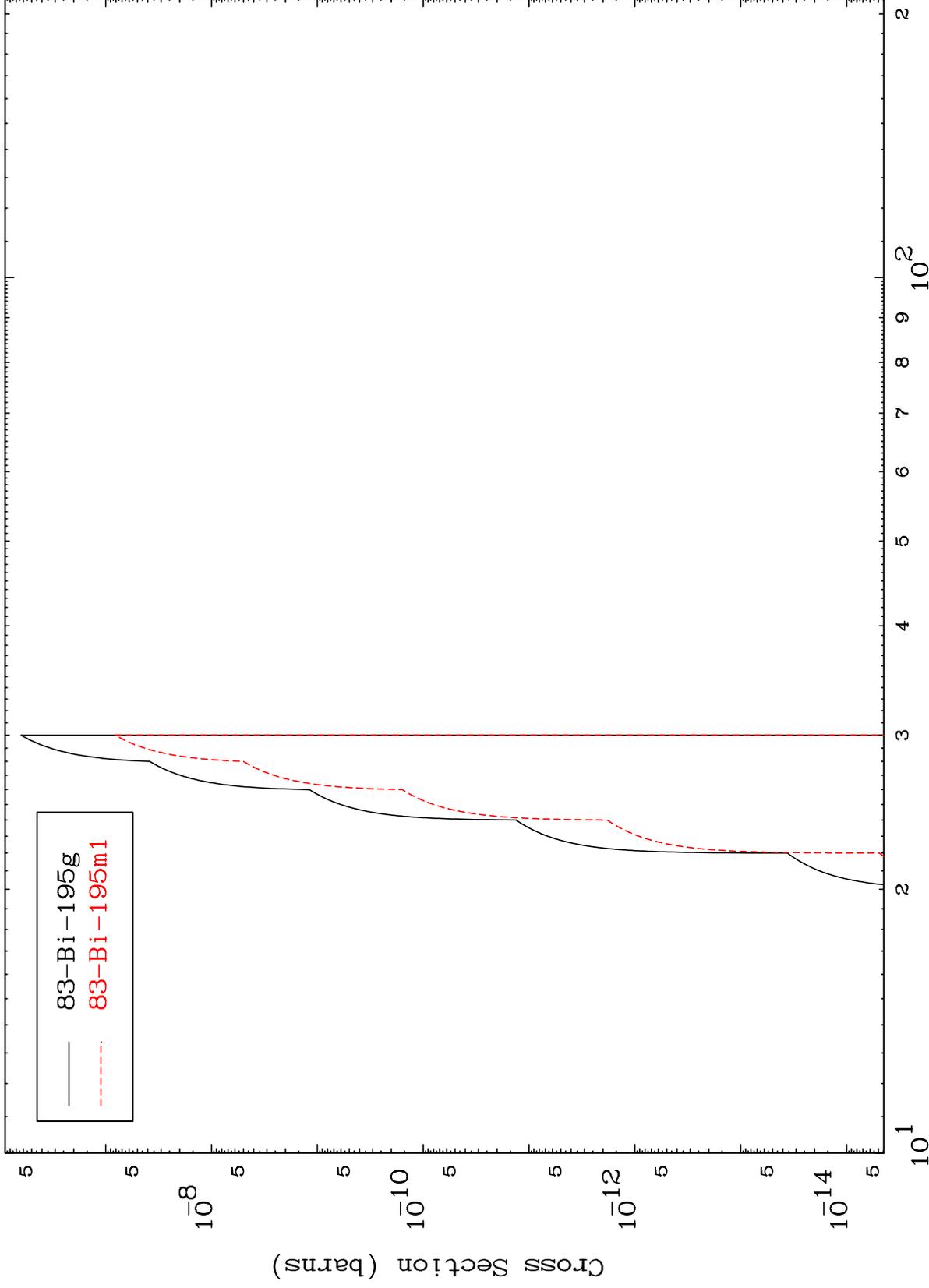
83-Bi-194

MAT 8281

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

83-Bi-194

Radionuclide Production Cross Section



19

Incident Energy (MeV)

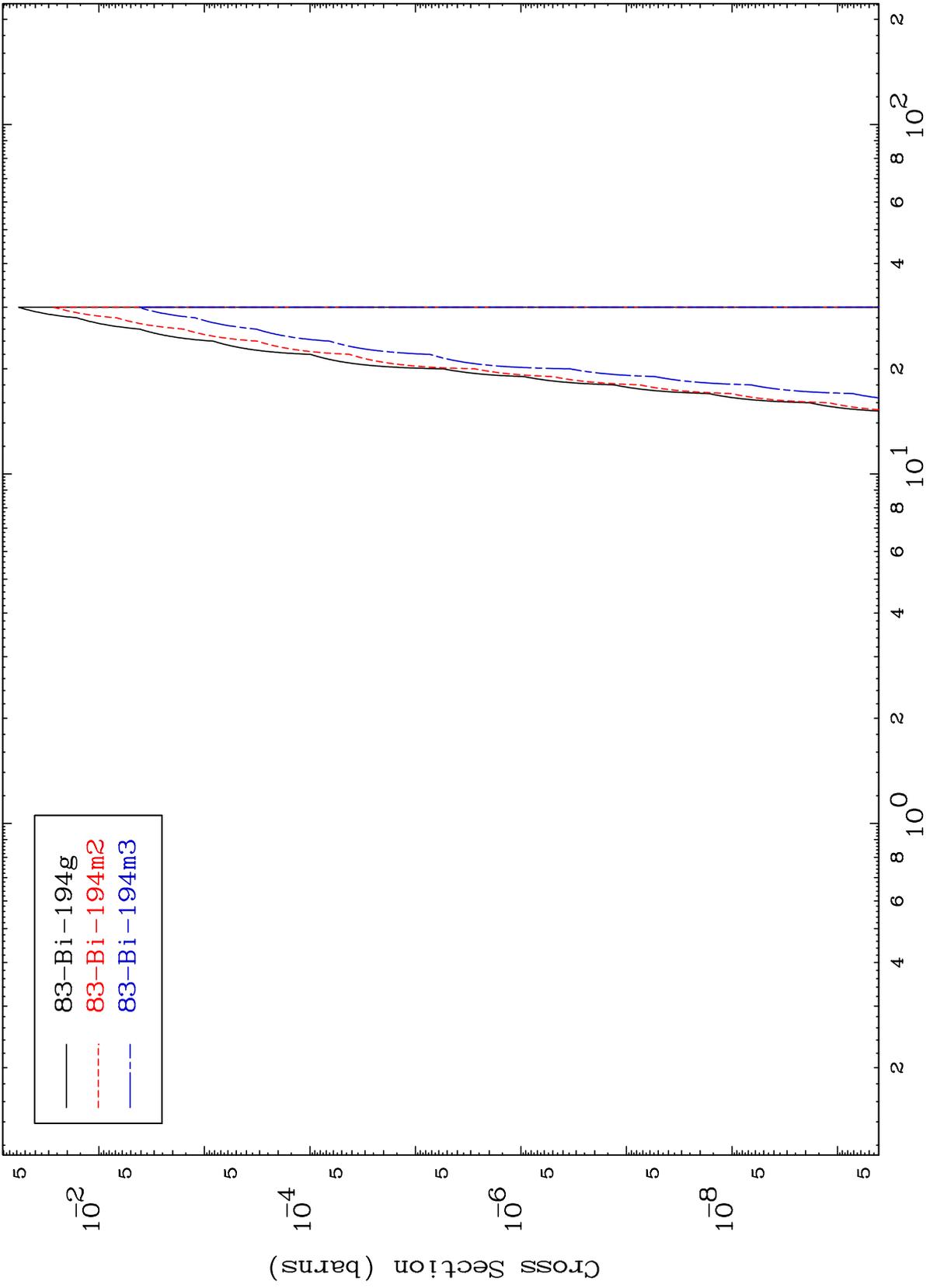
83-Bi-194

MAT 8281

83-Bi-194

(α, α)

Radionuclide Production Cross Section



20

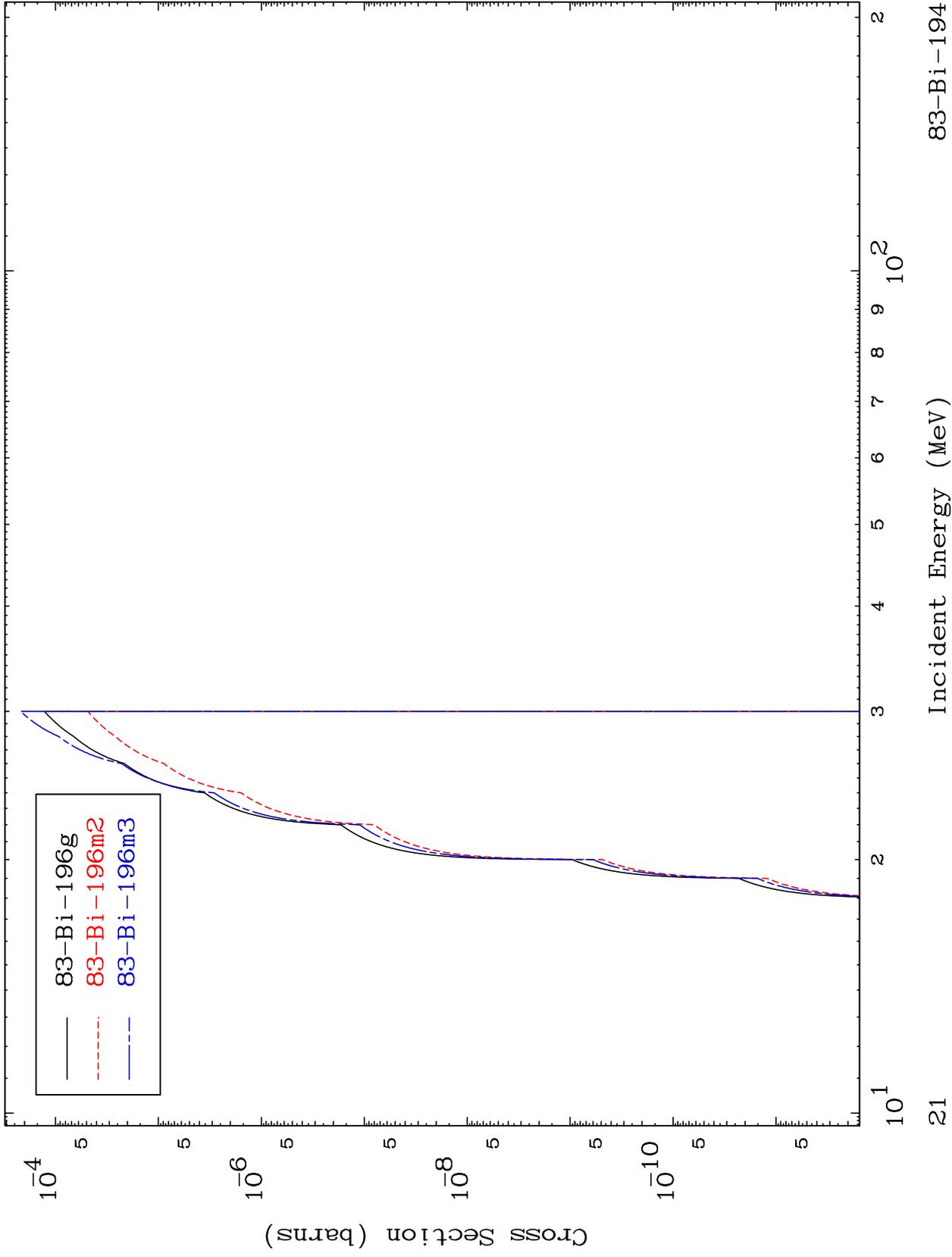
Incident Energy (MeV)

83-Bi-194

MAT 8281

83-Bi-194

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



21

Incident Energy (MeV)

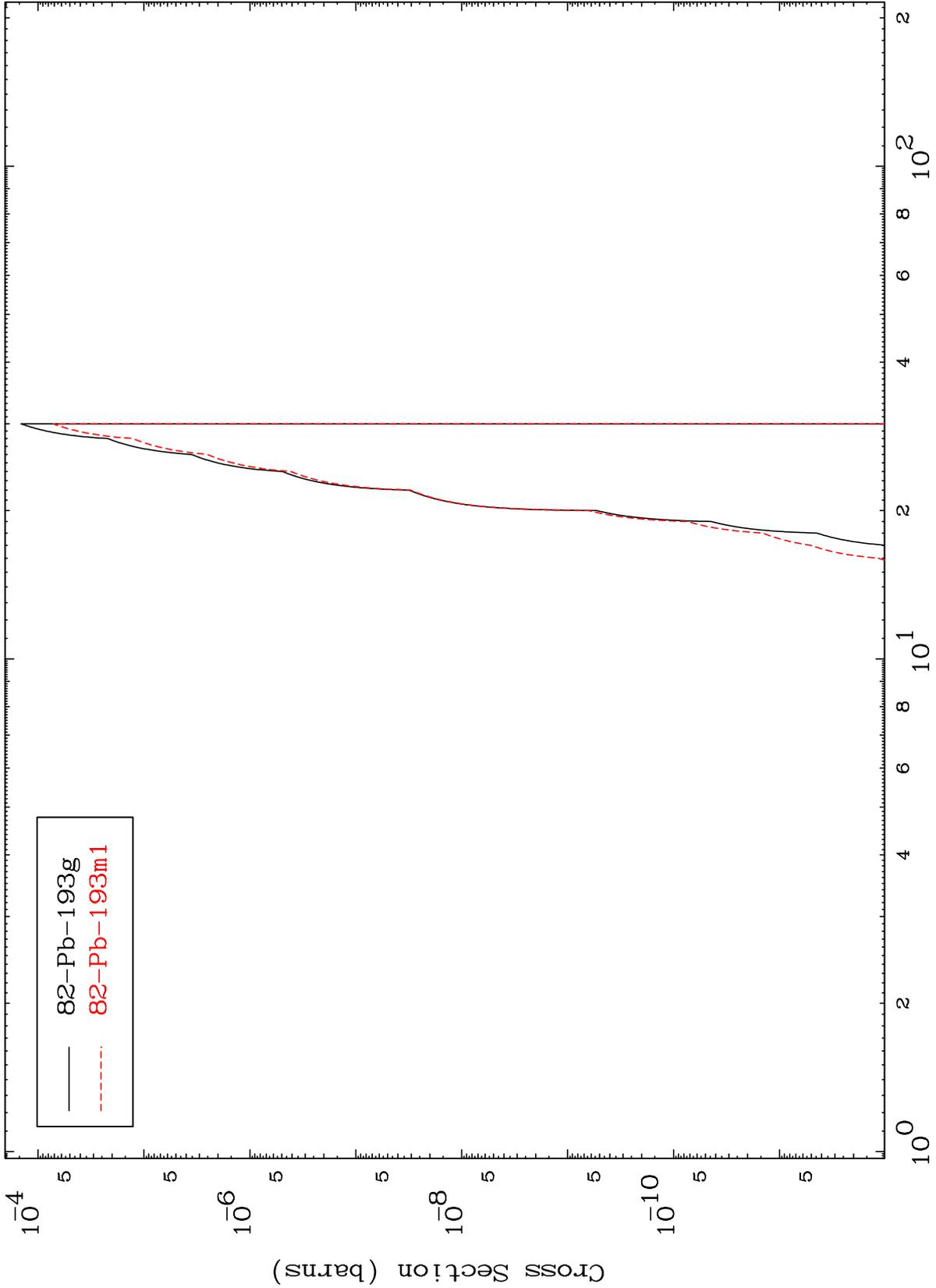
83-Bi-194

MAT 8281

(α, p) α

83-Bi-194

Radionuclide Production Cross Section



22

Incident Energy (MeV)

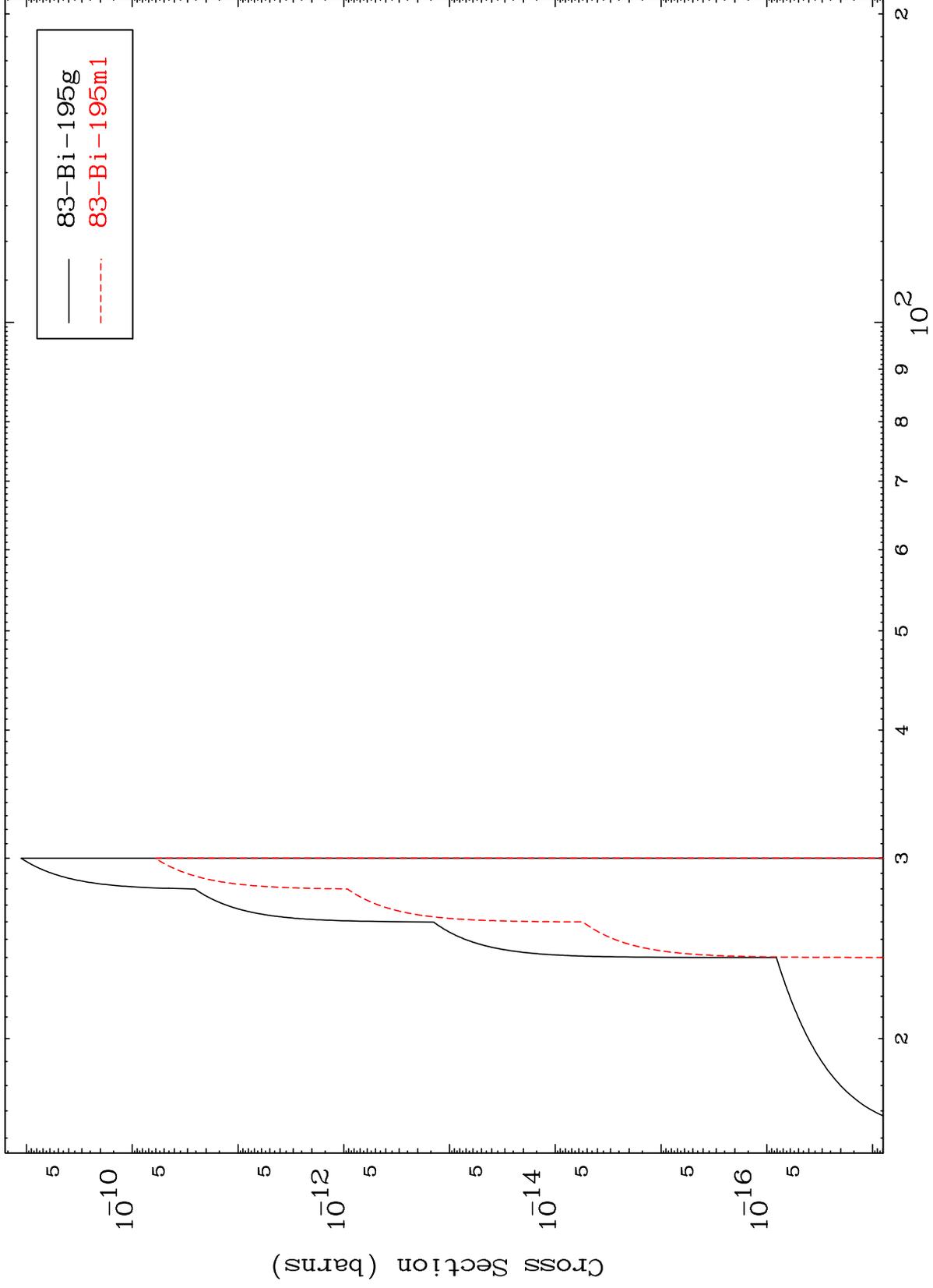
83-Bi-194

MAT 8281

(α, p) d

83-Bi-194

Radionuclide Production Cross Section



23

Incident Energy (MeV)

83-Bi-194