

Program EVALPLOT
(Version 2018-1)

by

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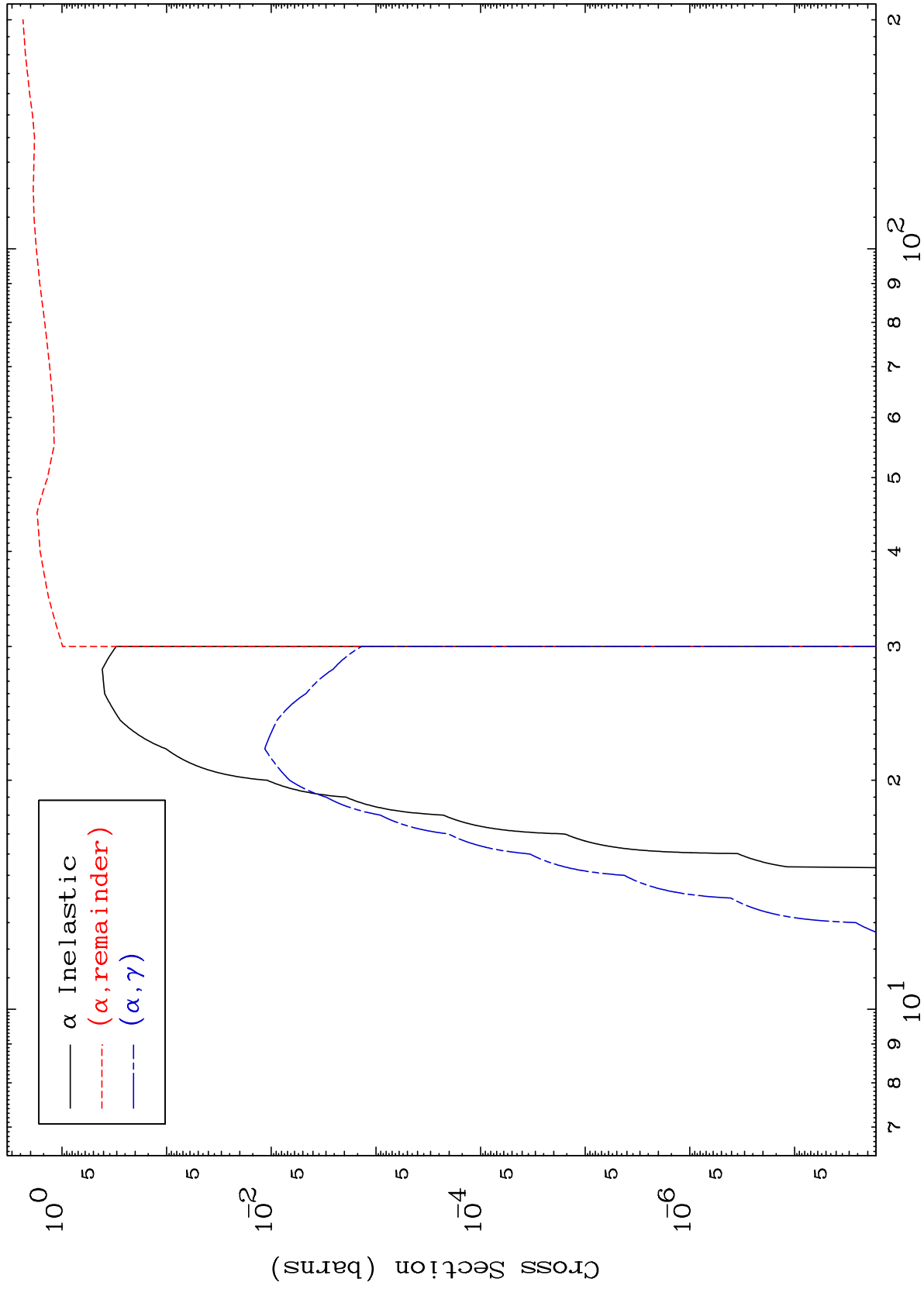
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8281

0 Kelvin α Major
Cross Sections

83-Bi-194



1

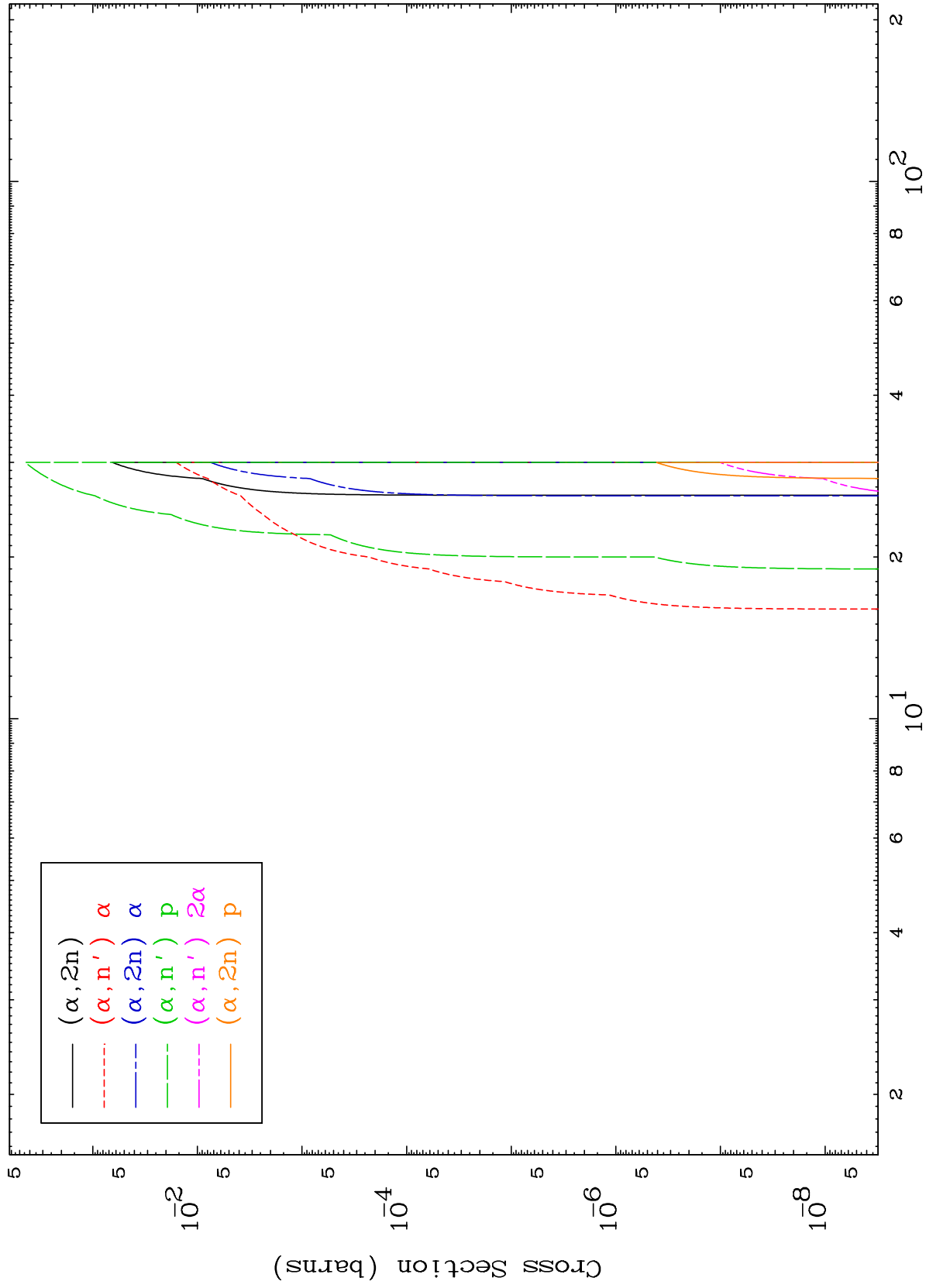
Incident Energy (MeV)

83-Bi-194

MAT 8281

α Neutron Production
0 Kelvin Cross Sections

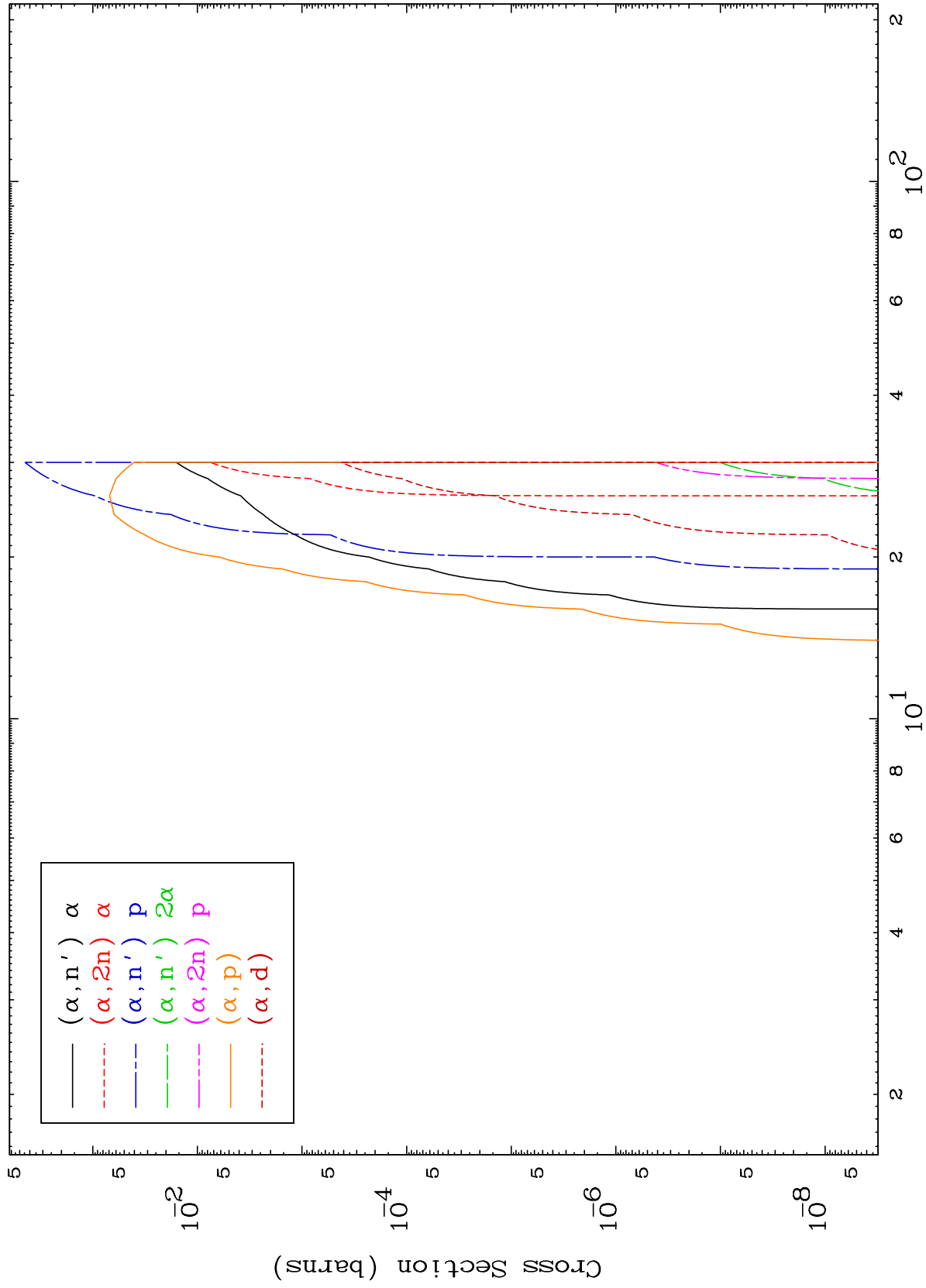
83-Bi-194



2

Incident Energy (MeV)

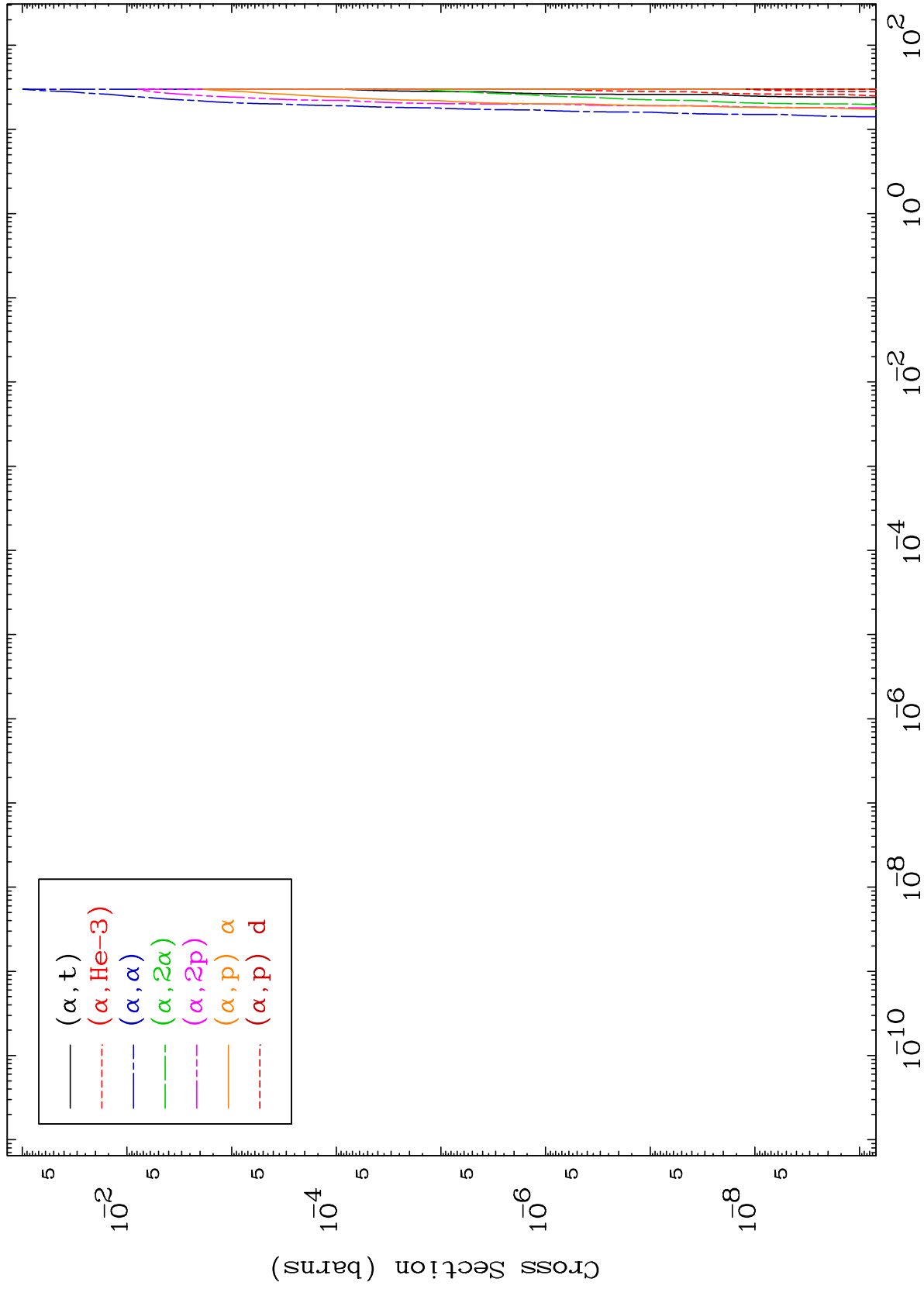
83-Bi-194



MAT 8281

α Charged Particle
0 Kelvin Cross Sections

83-Bi-194

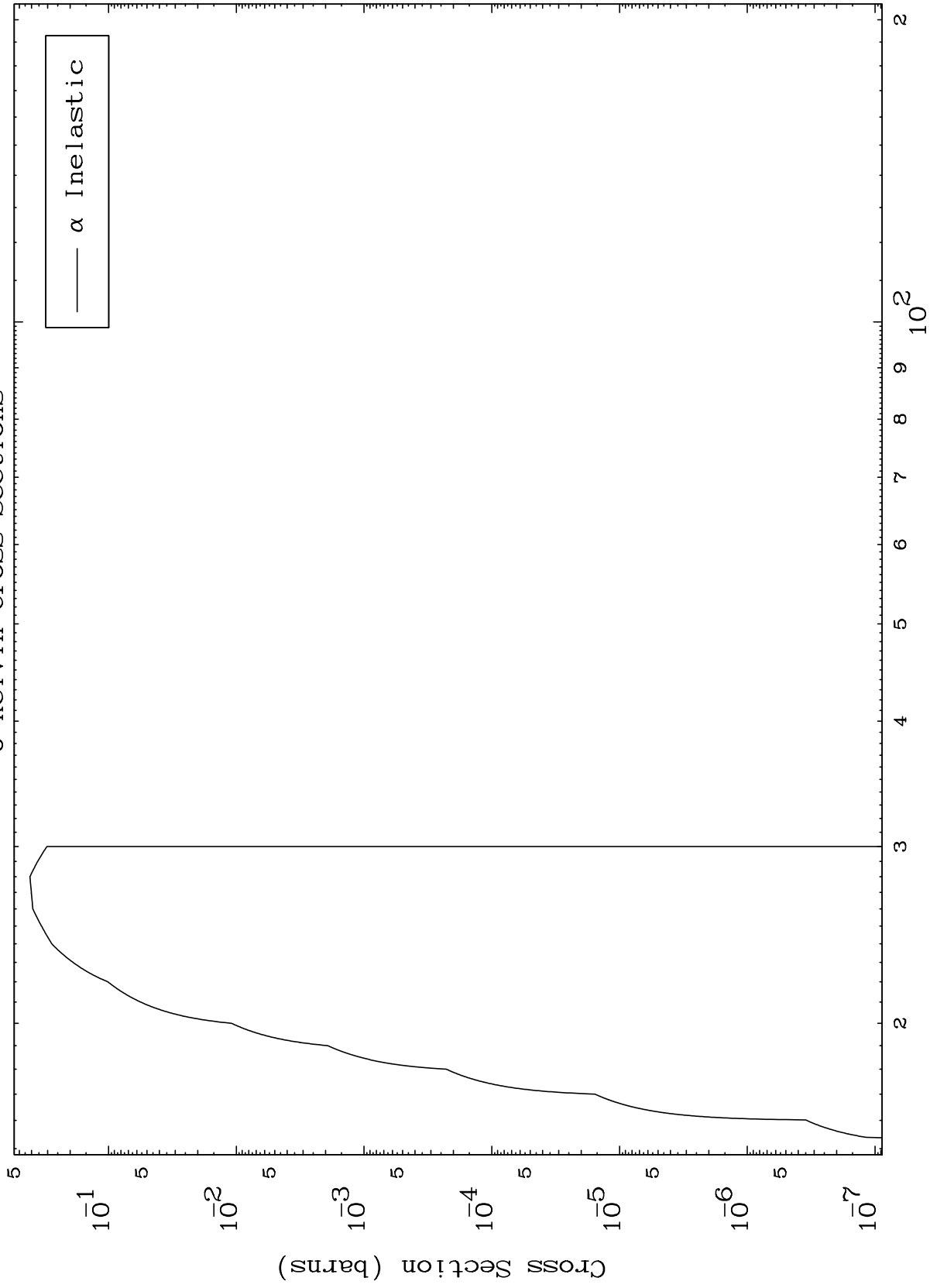


83-Bi-194

MAT 8281

(α, n') Level
0 Kelvin Cross Sections

83-Bi-194



5

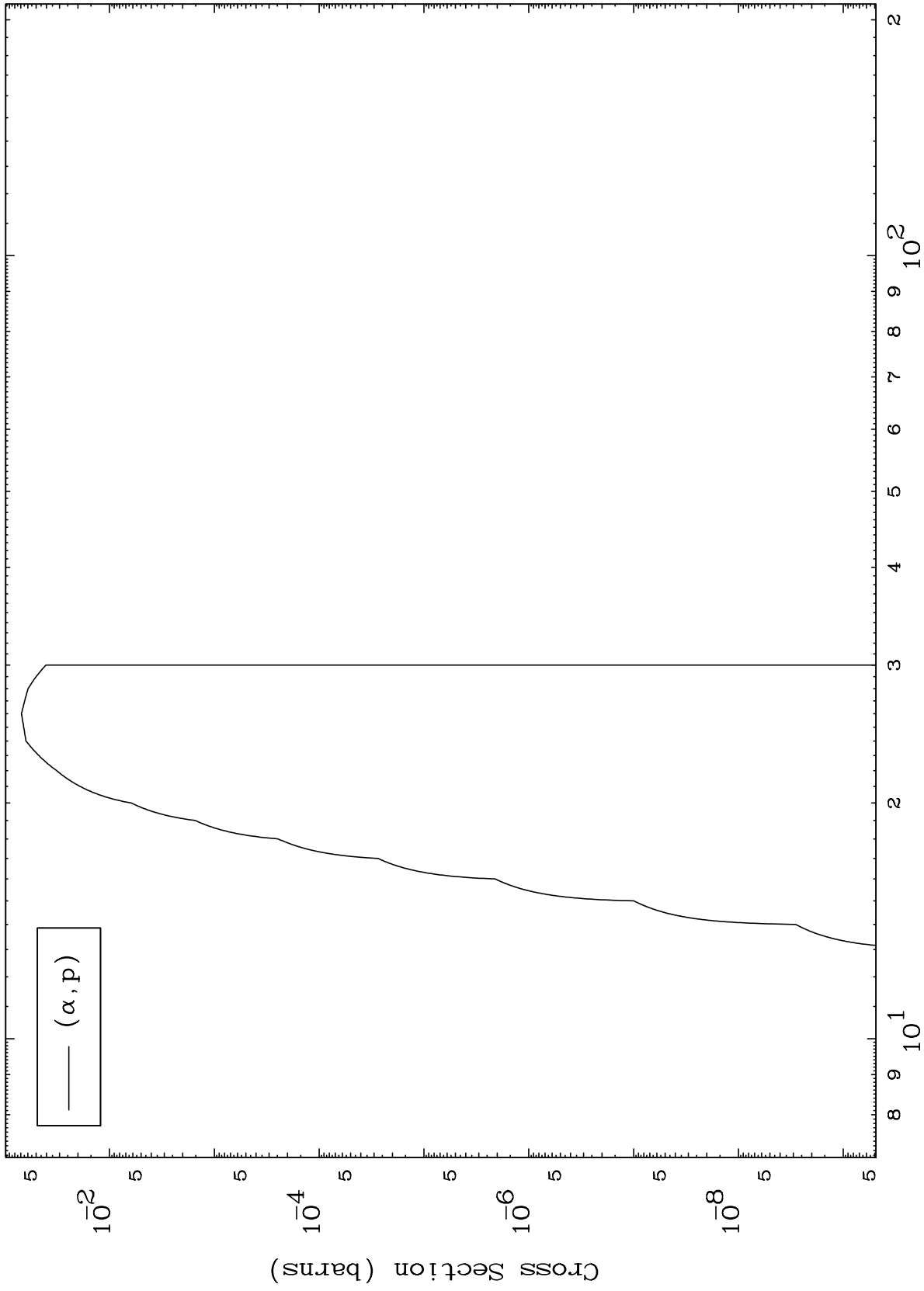
Incident Energy (MeV)

83-Bi-194

MAT 8281

(α, p) Levels
0 Kelvin Cross Sections

83-Bi-194



6

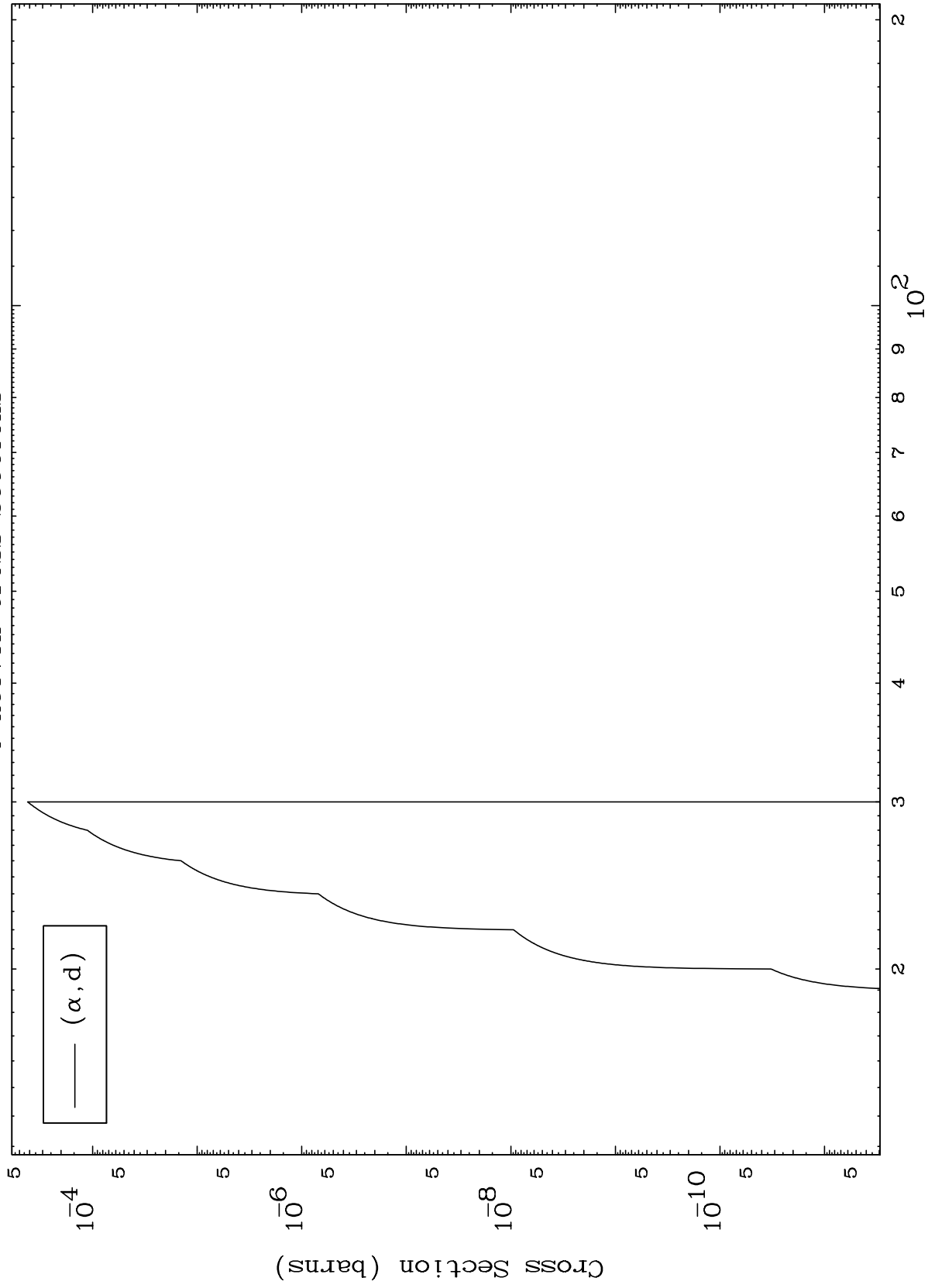
Incident Energy (MeV)

83-Bi-194

MAT 8281

(α, d) Levels
0 Kelvin Cross Sections

83-Bi-194



7

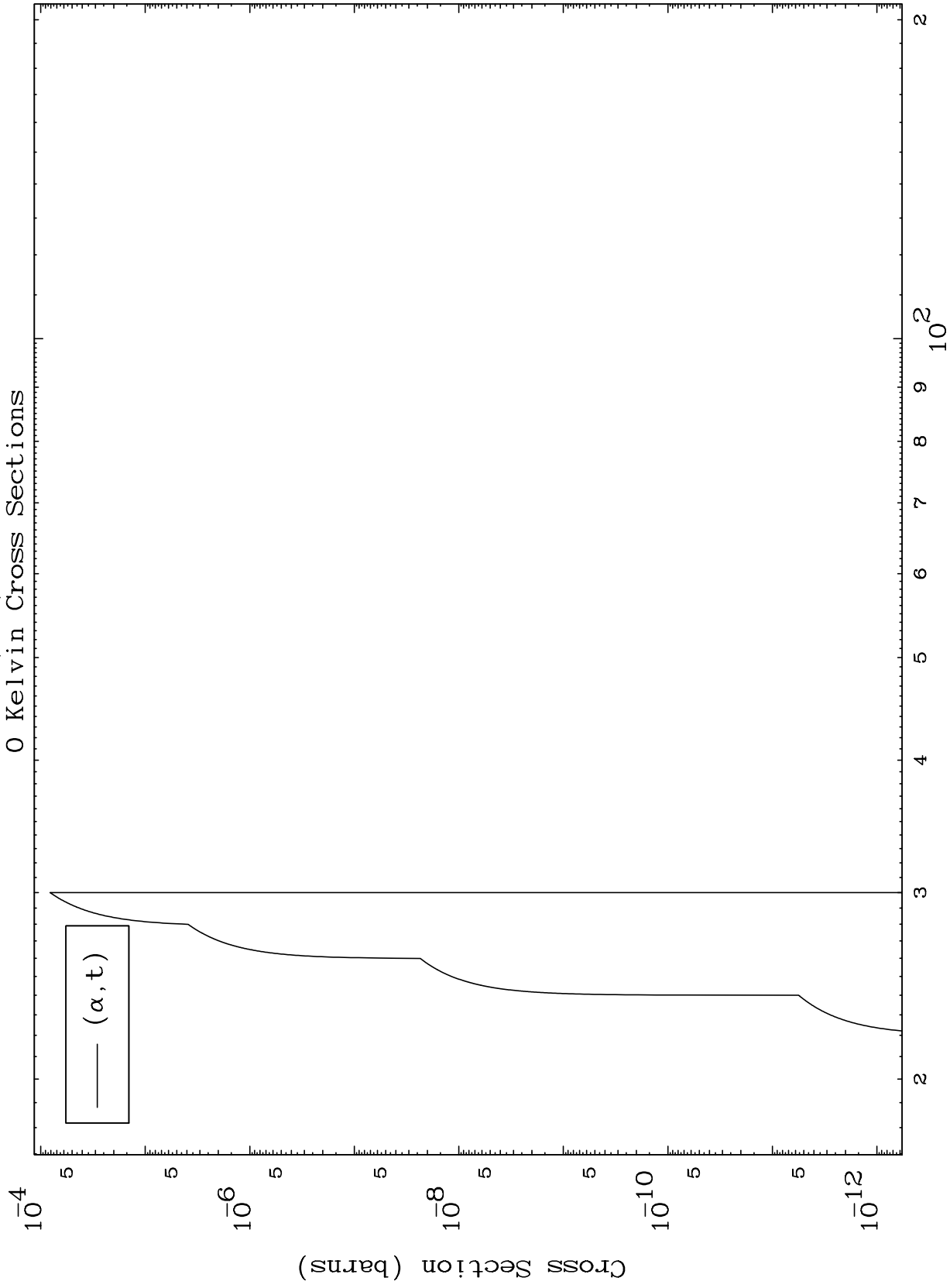
Incident Energy (MeV)

83-Bi-194

MAT 8281

(α, t) Levels
0 Kelvin Cross Sections

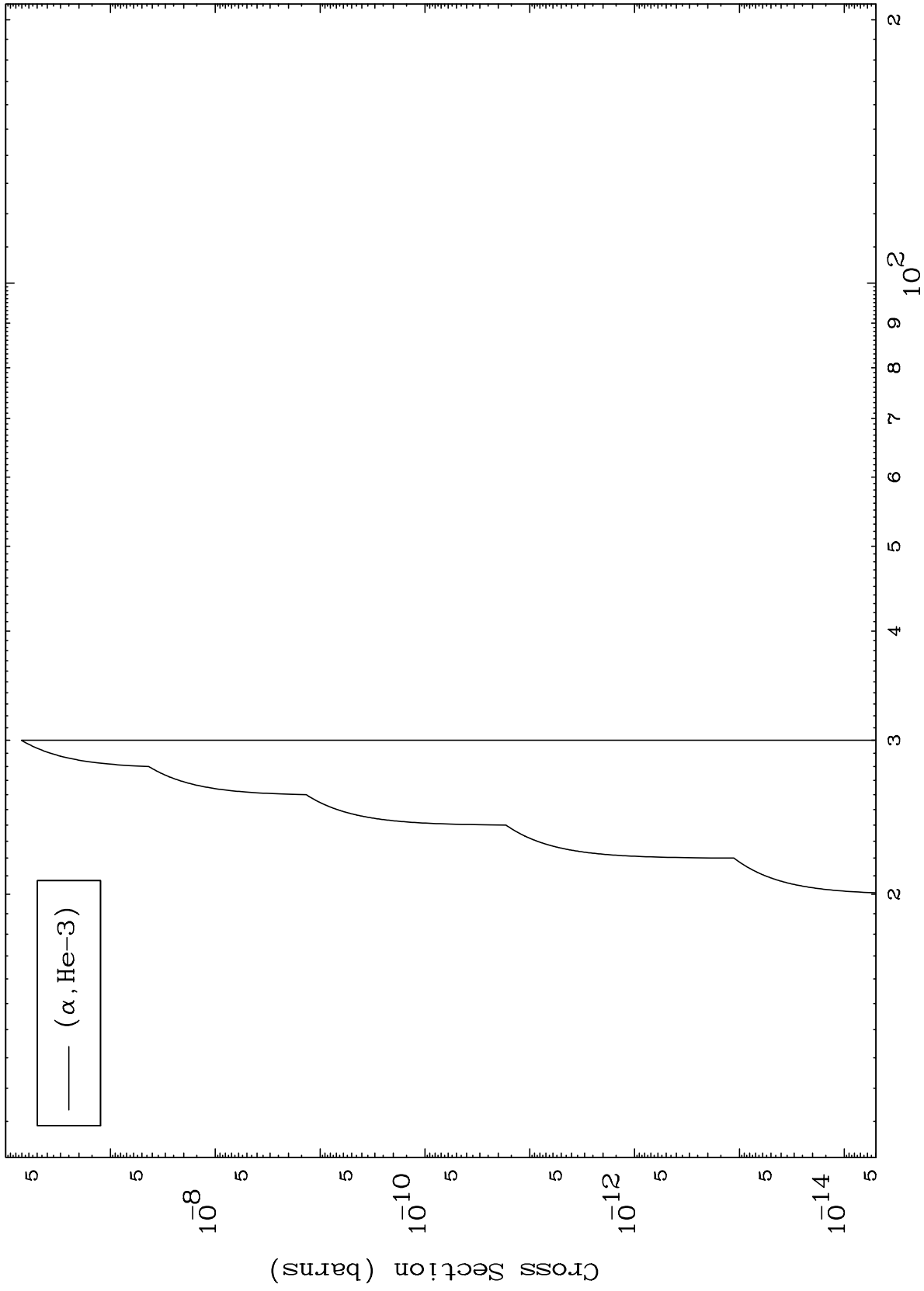
83-Bi-194



8

Incident Energy (MeV)

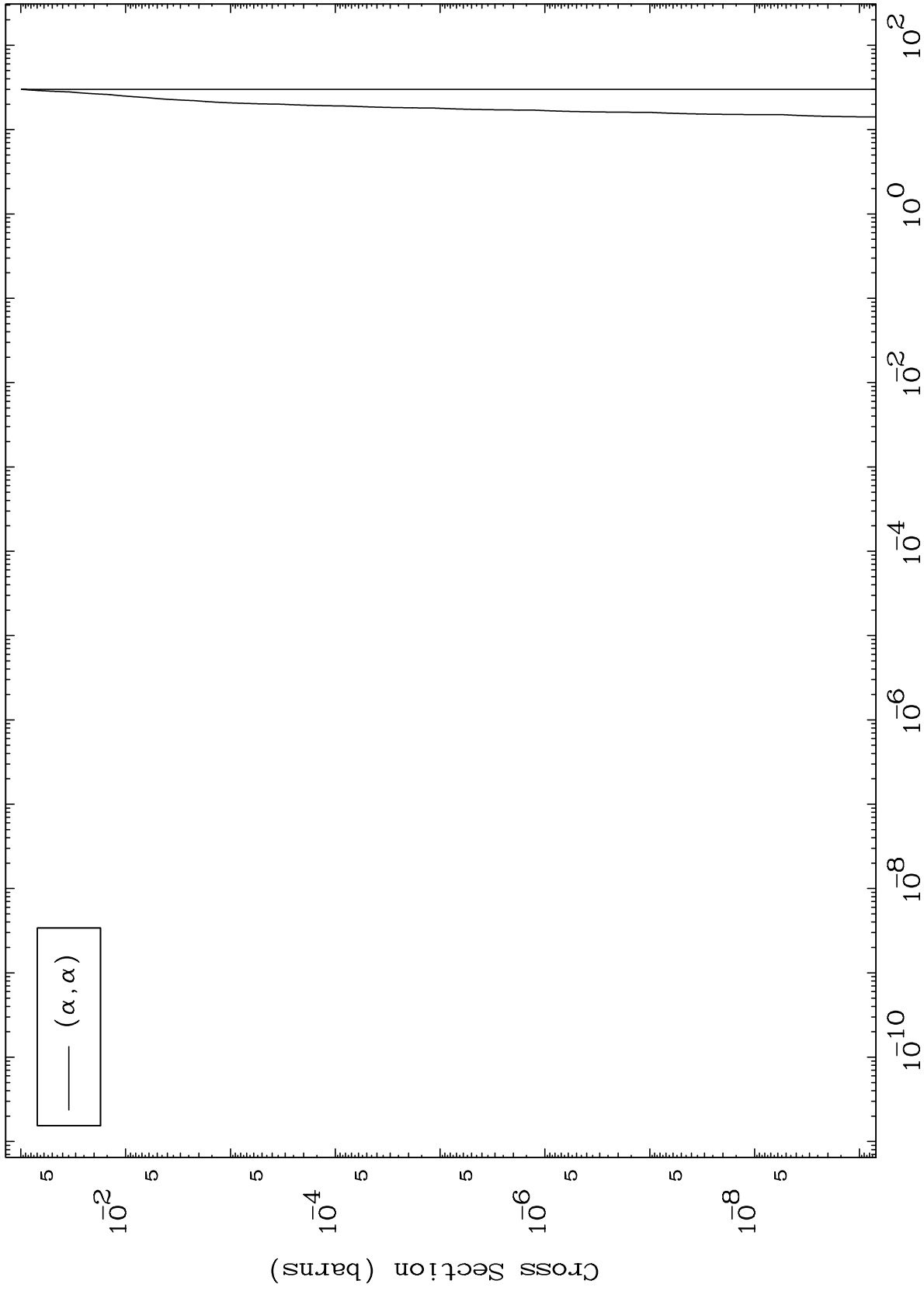
83-Bi-194



MAT 8281

(α, α) Levels
0 Kelvin Cross Sections

83-Bi-194

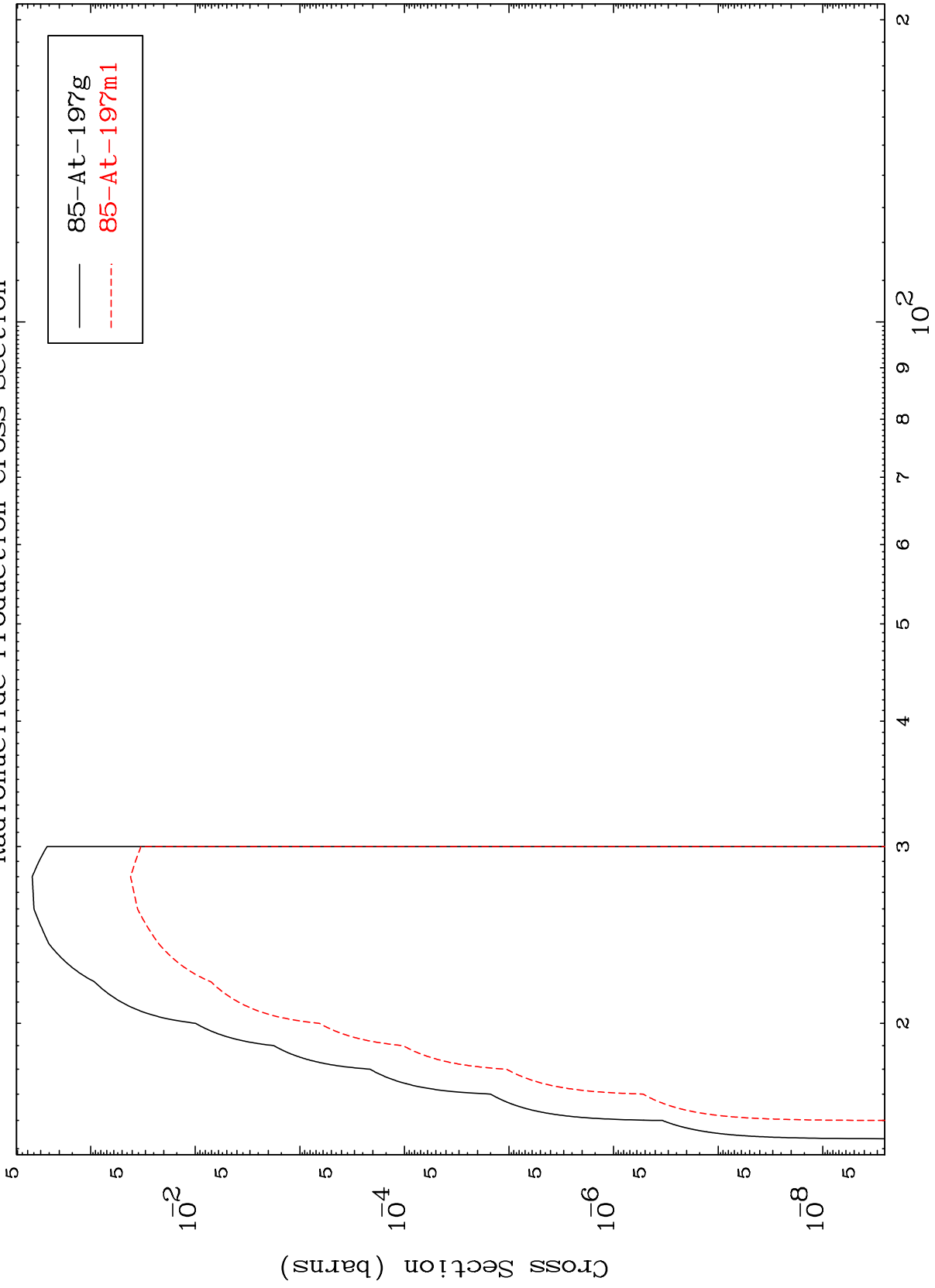


10

Incident Energy (MeV)

83-Bi-194

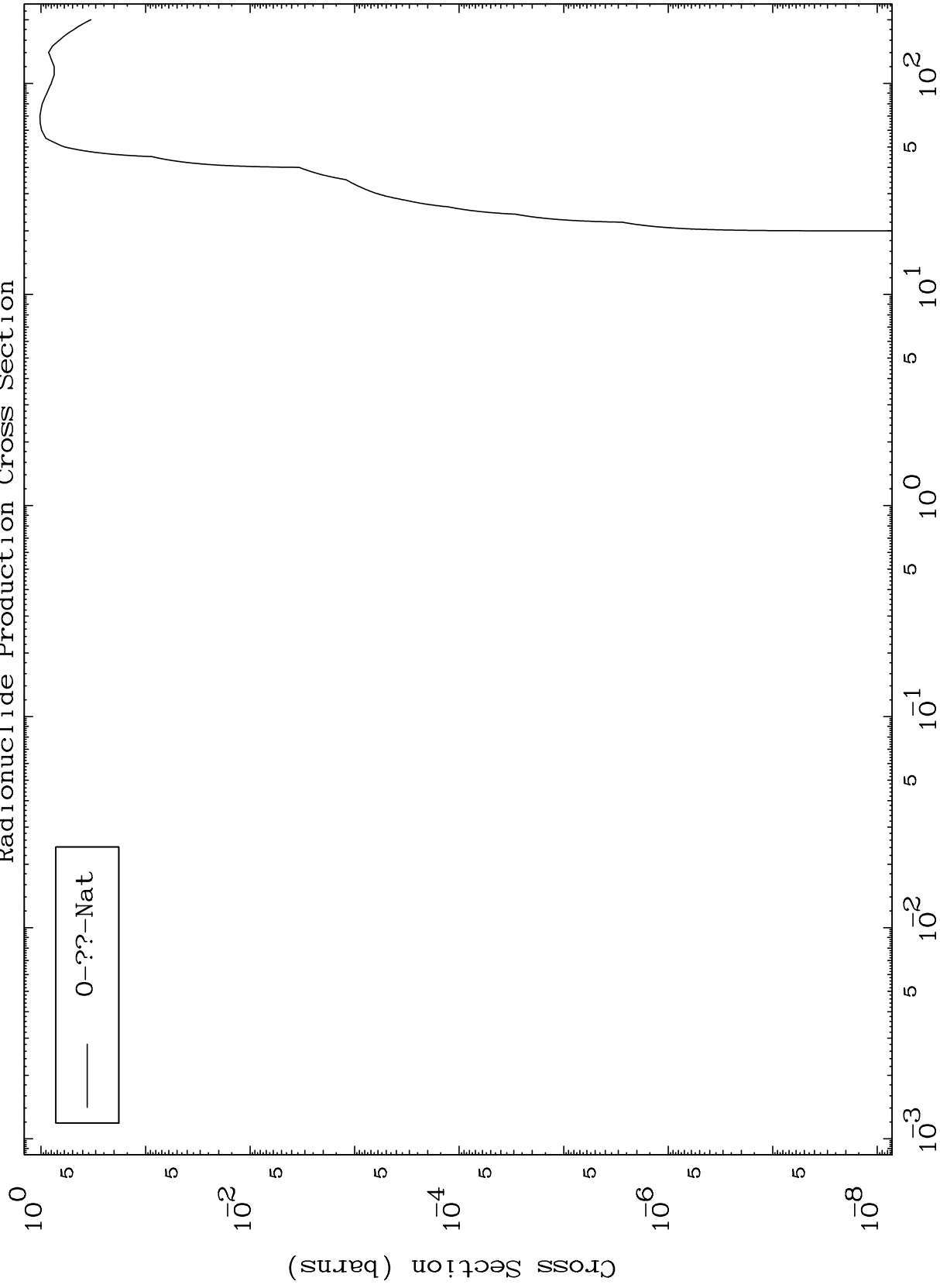
α Inelastic
Radionuclide Production Cross Section



MAT 8281

α Fission
Radionuclide Production Cross Section

83-Bi-194



12

Incident Energy (MeV)

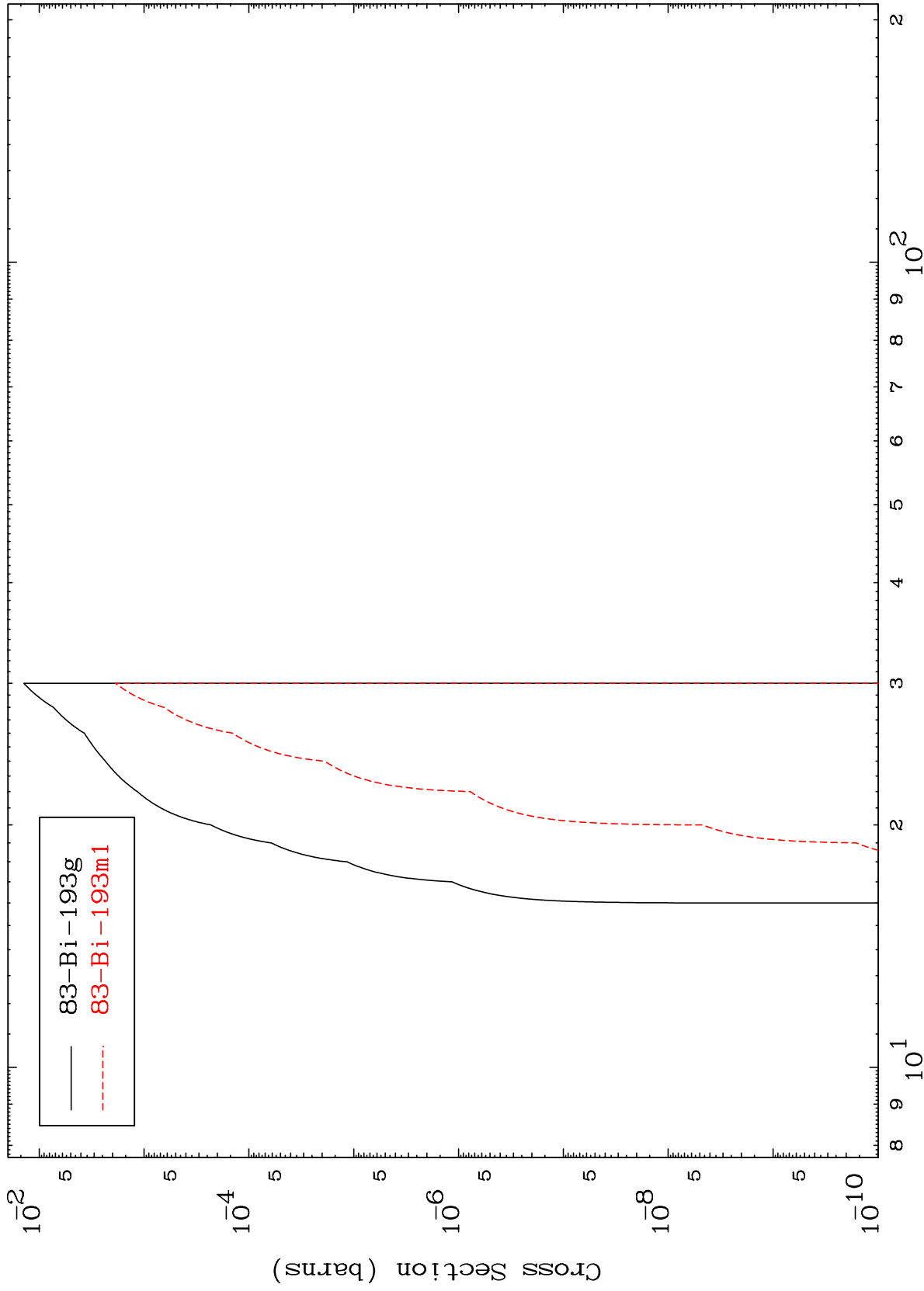
83-Bi-194

MAT 8281

(α, n') α

83-Bi-194

Radionuclide Production Cross Section



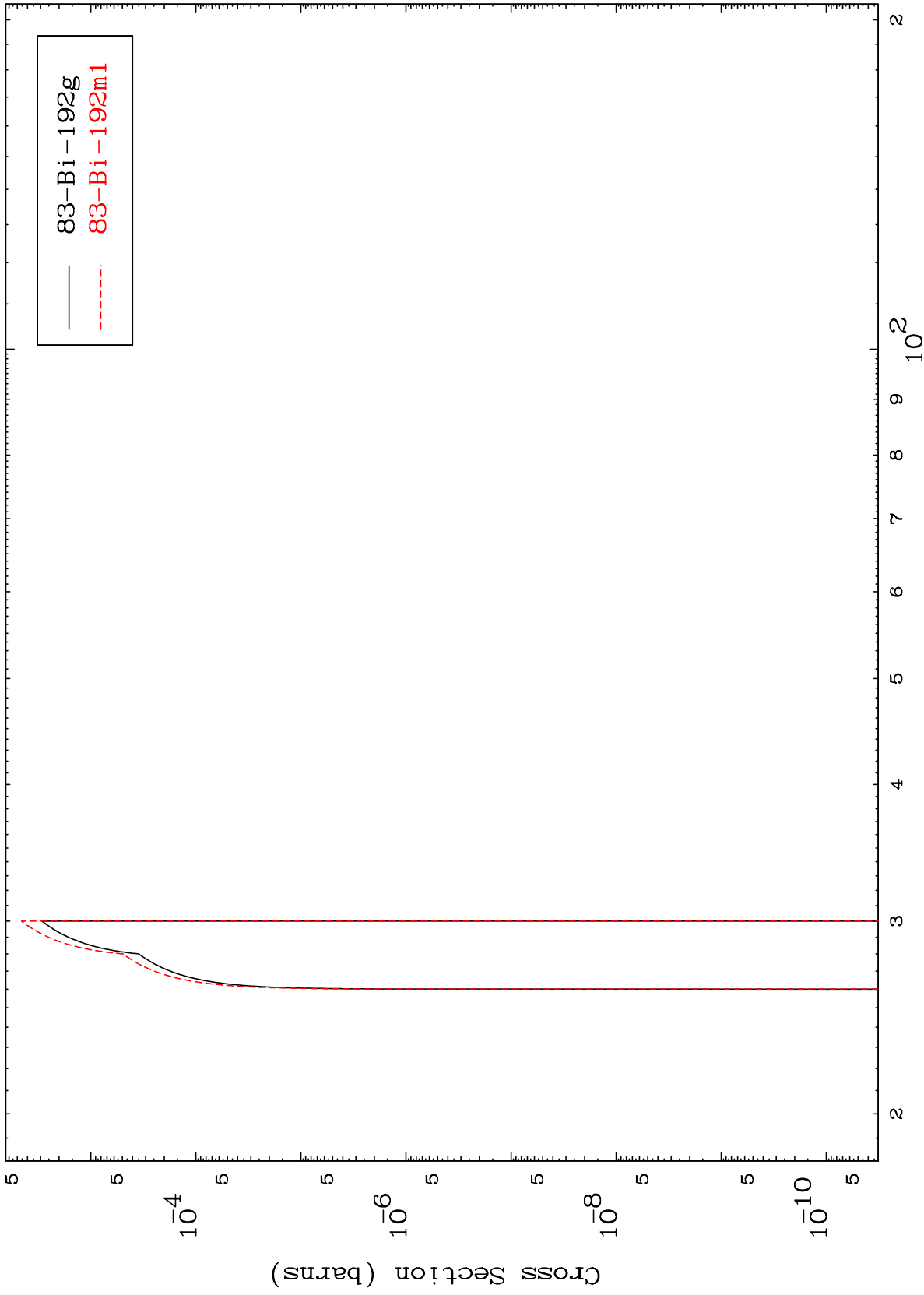
13

MAT 8281

$(\alpha, 2n) \alpha$

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

Radionuclide Production Cross Section



14

Incident Energy (MeV)

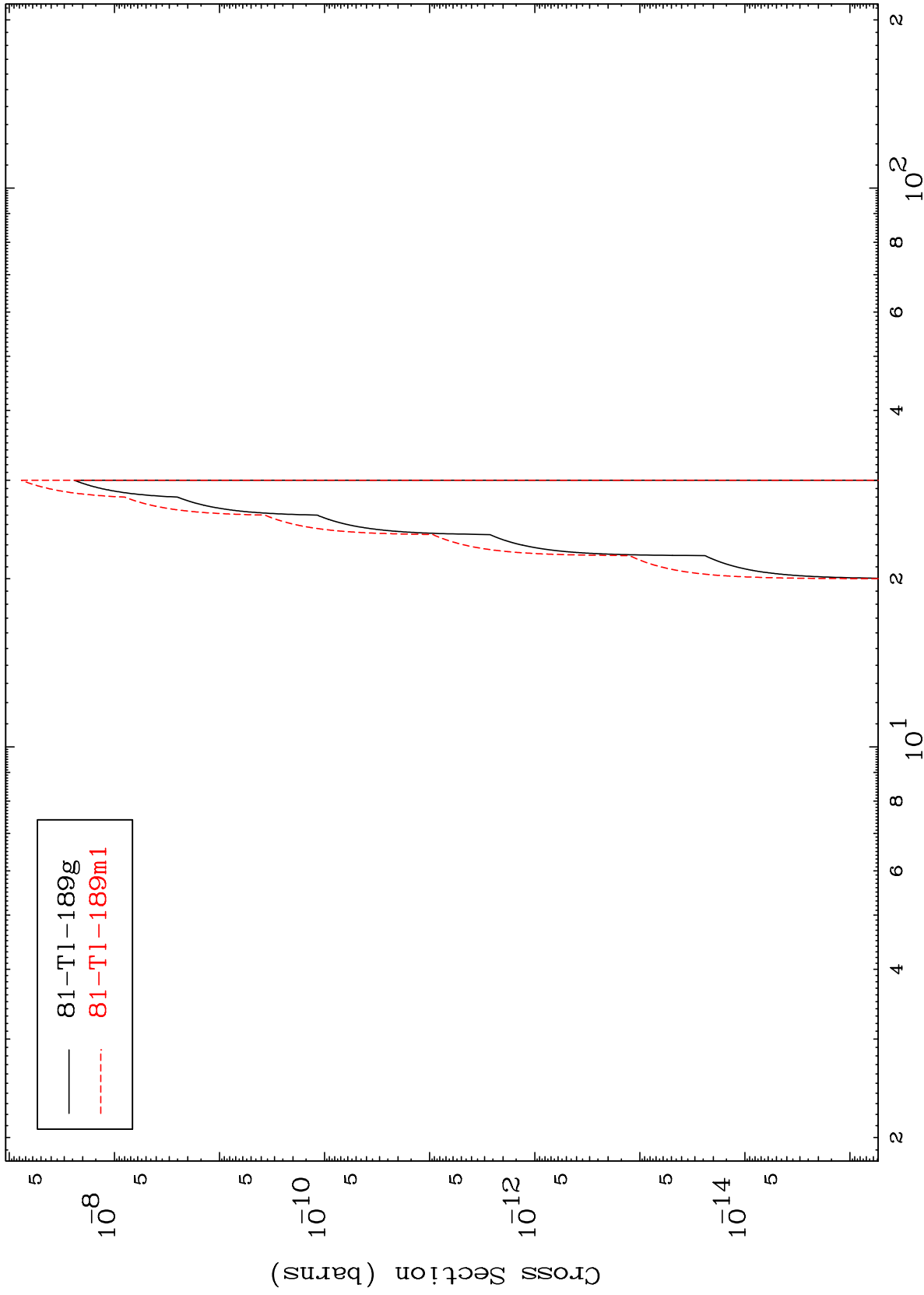
$^{83}\text{Bi}-194$

MAT 8281

(α, n') 2α

83-Bi-194

Radionuclide Production Cross Section



15

Incident Energy (MeV)

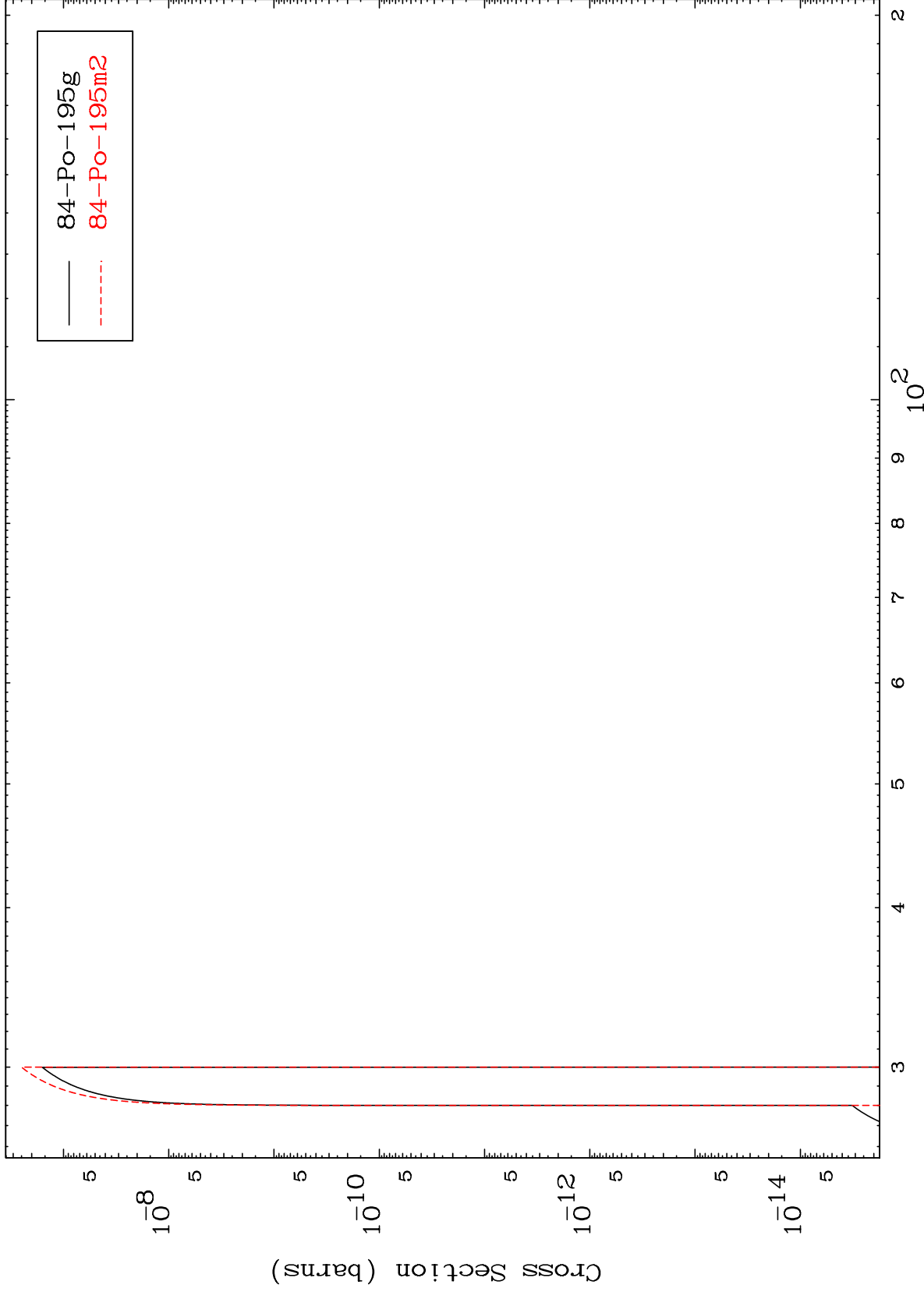
83-Bi-194

MAT 8281

($\alpha, 2n$) p

83-Bi-194

Radionuclide Production Cross Section



16

Incident Energy (MeV)

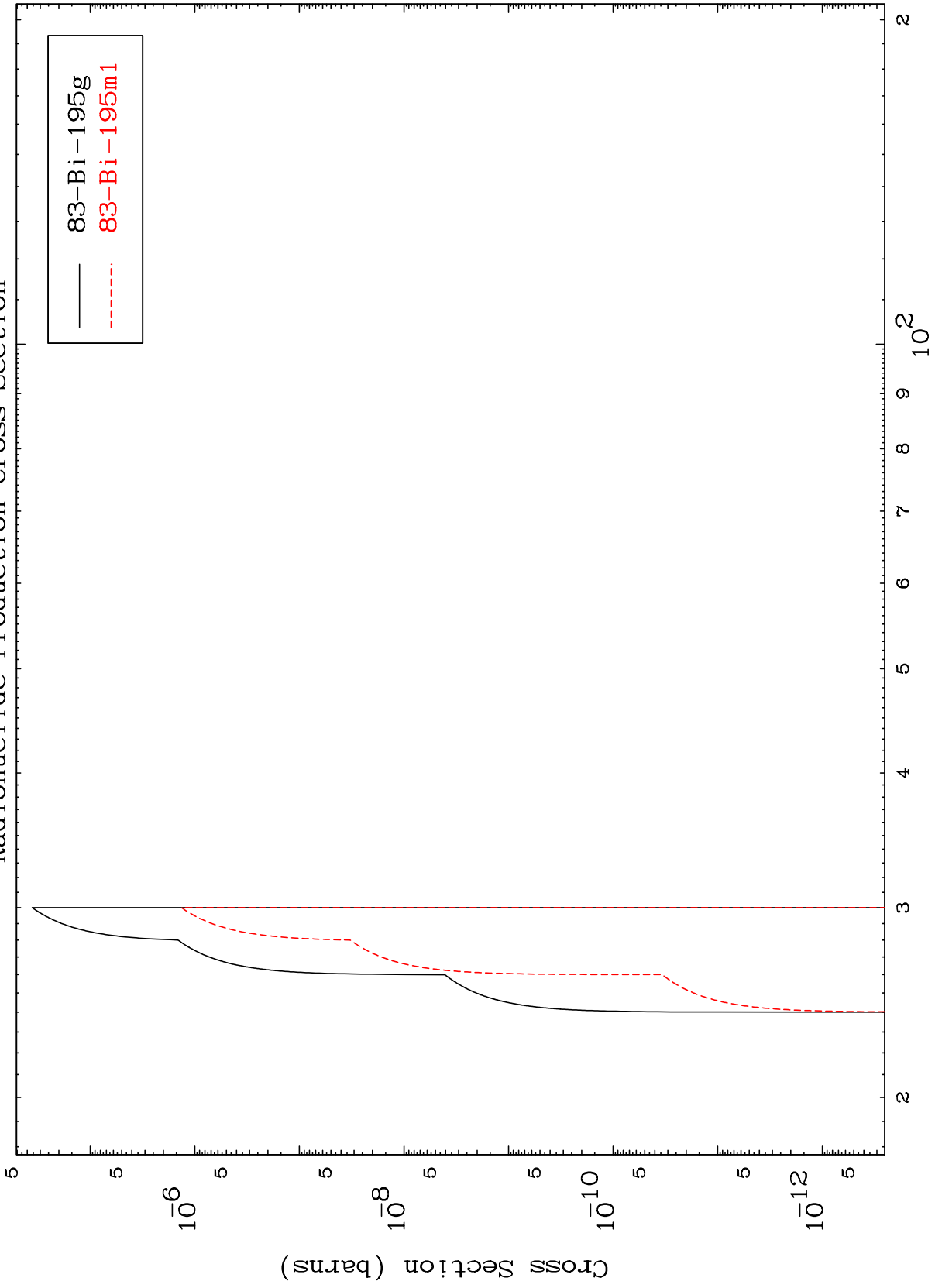
83-Bi-194

MAT 8281

$(\alpha, 2n)$ p

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

Radionuclide Production Cross Section



17

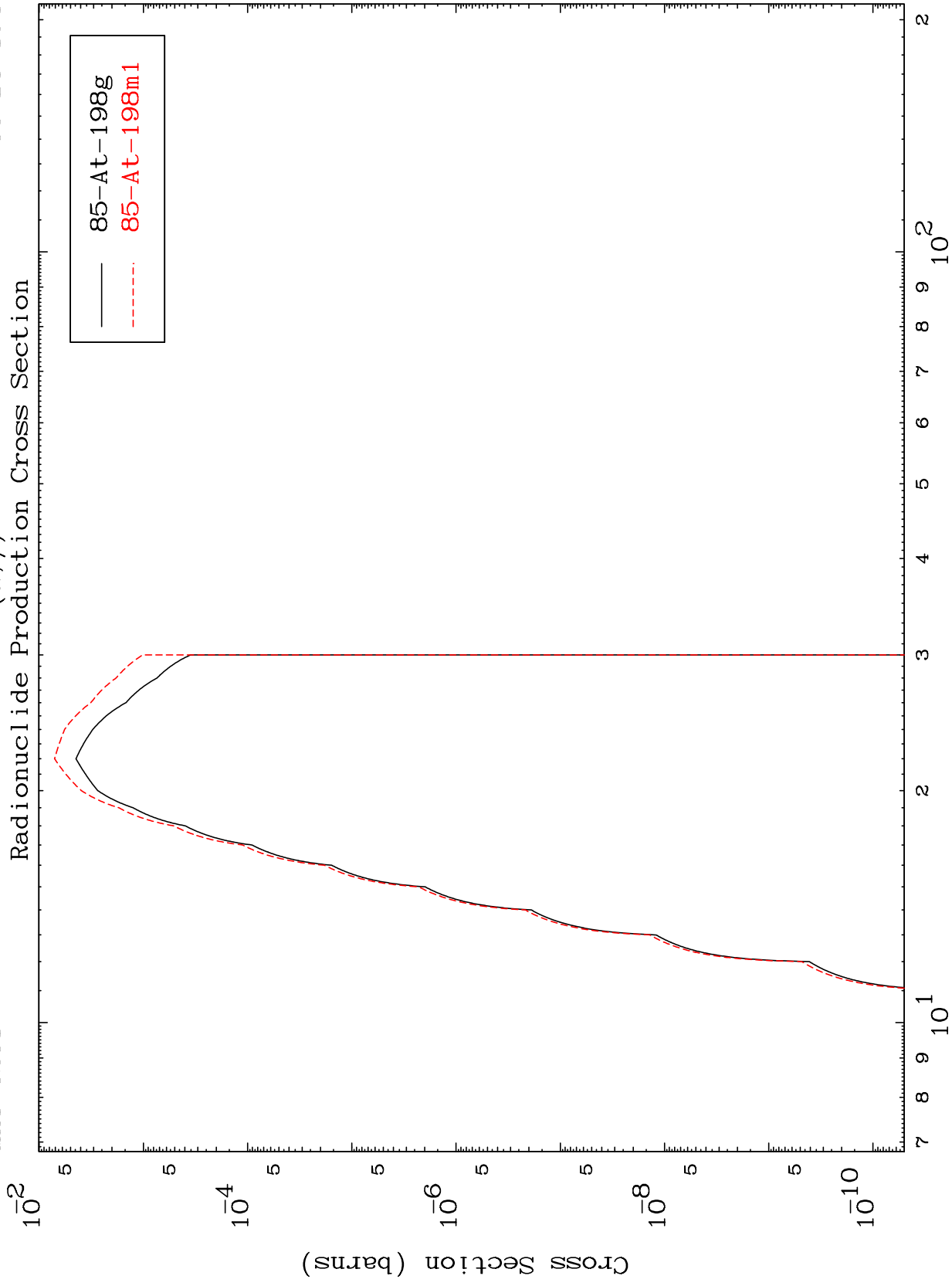
Incident Energy (MeV)

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

MAT 8281

83-Bi-194

Radionuclide Production Cross Section
(α, γ)



18

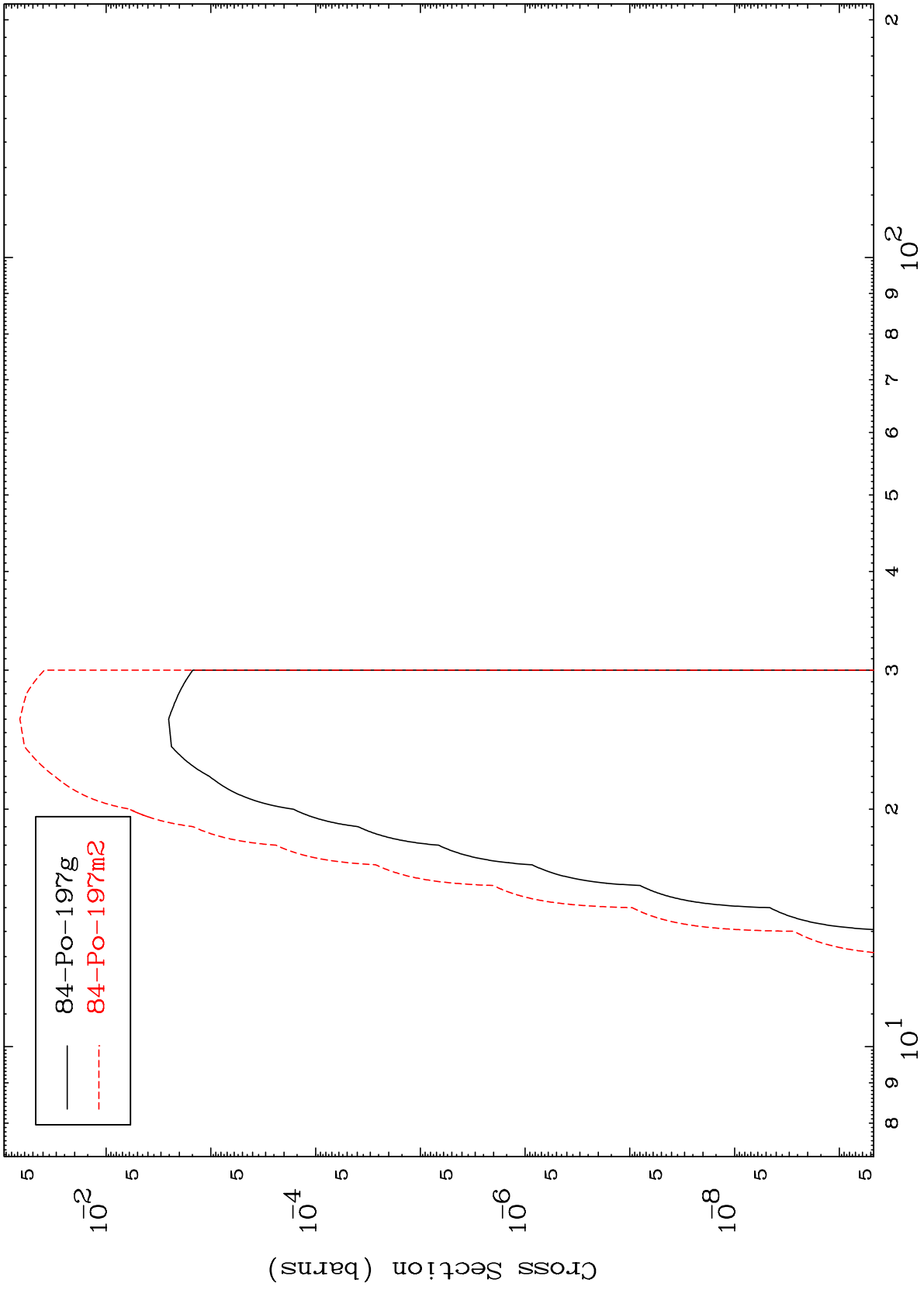
Incident Energy (MeV)

83-Bi-194

MAT 8281

83-Bi-194

(α, p)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

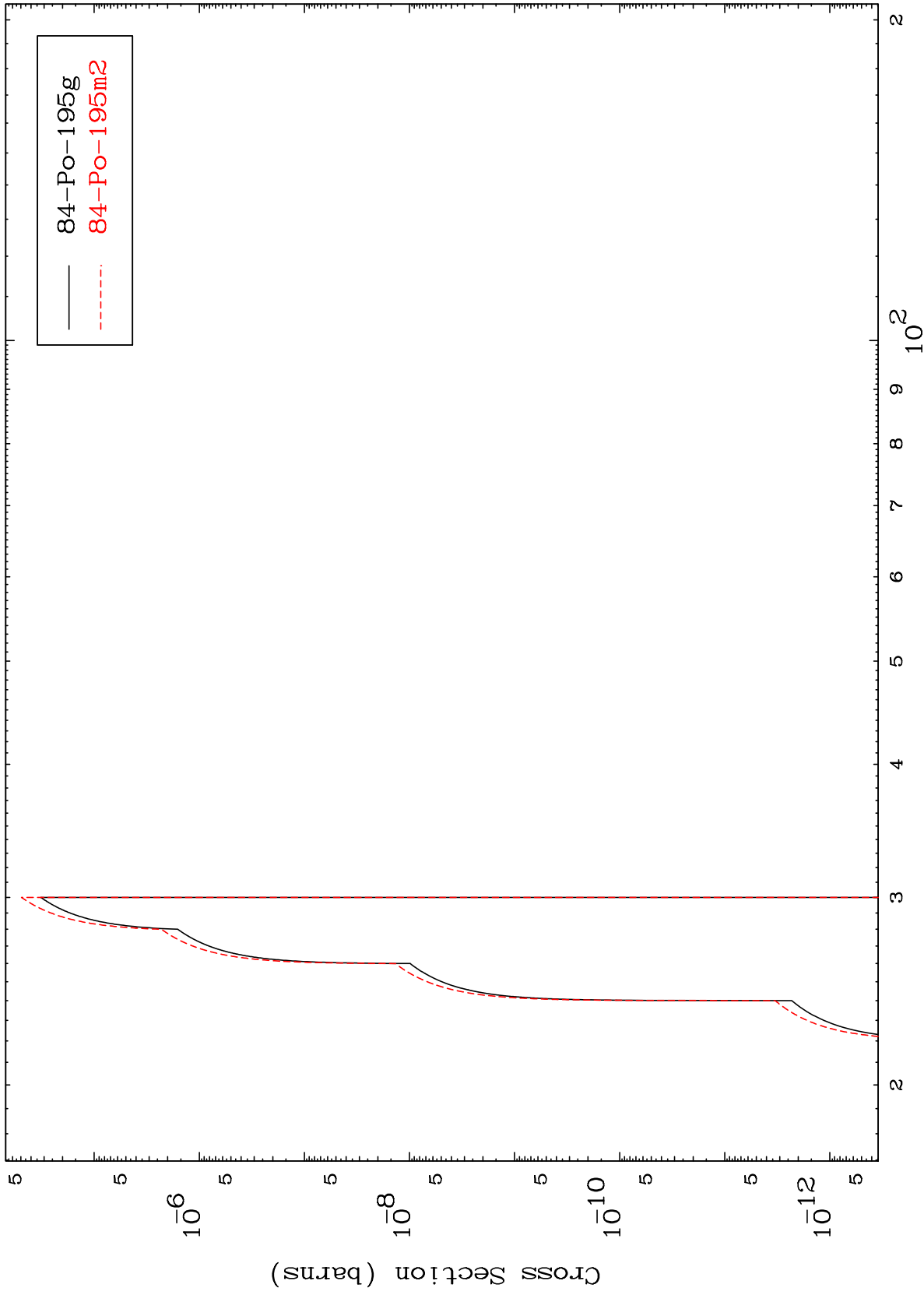
83-Bi-194

MAT 8281

(α, t)

83-Bi-194

Radionuclide Production Cross Section



20

Incident Energy (MeV)

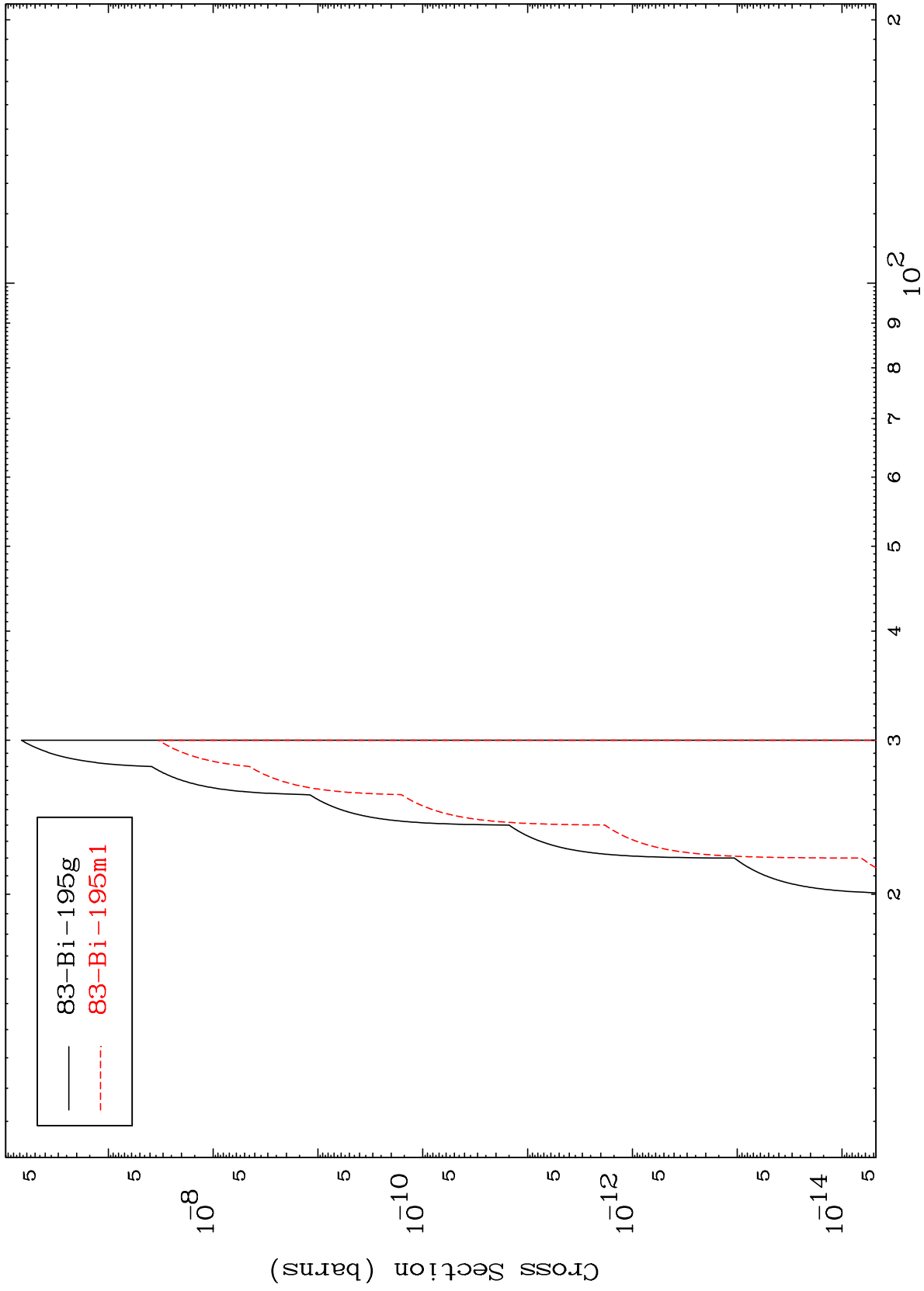
83-Bi-194

MAT 8281

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

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

Radionuclide Production Cross Section



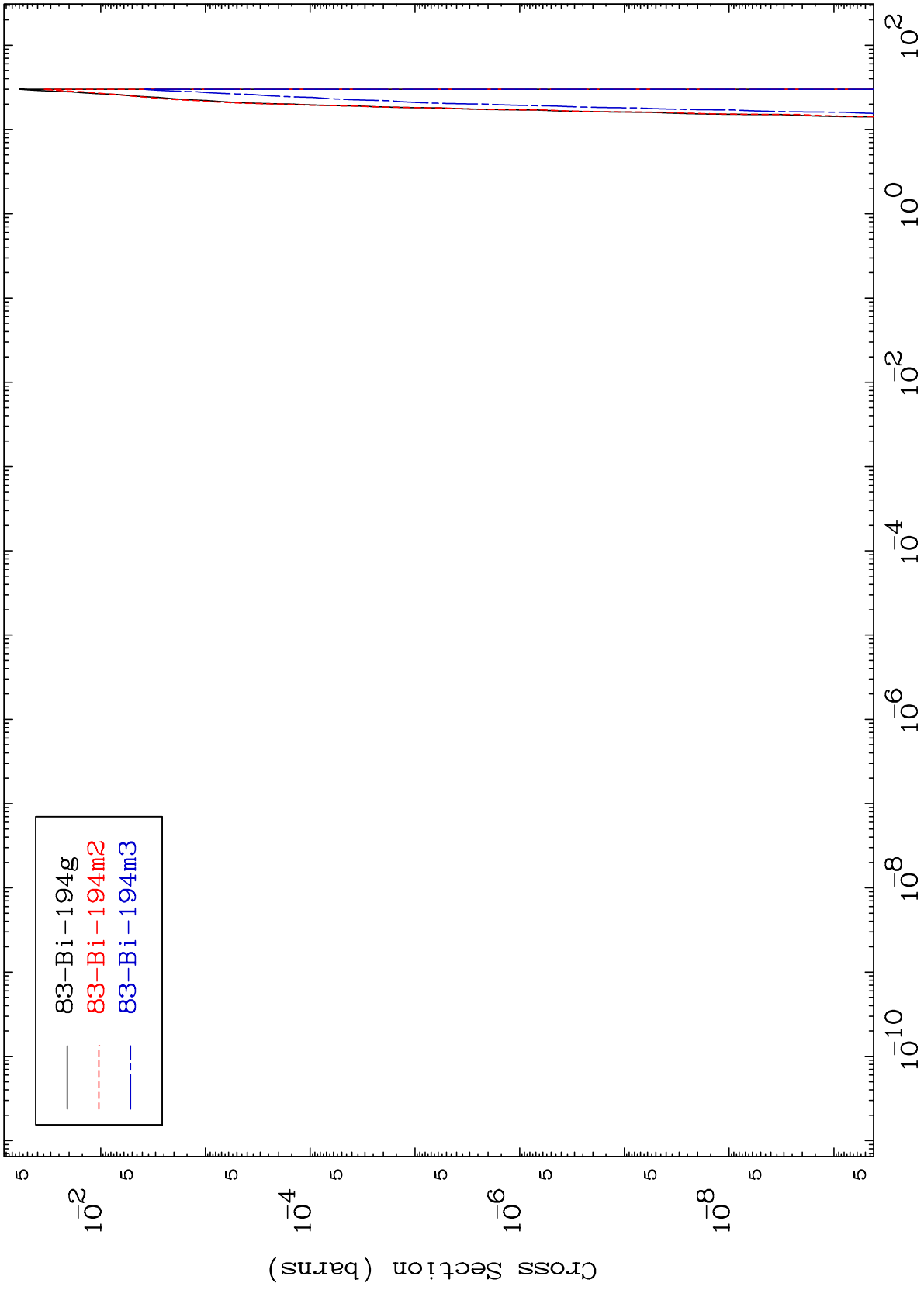
21

MAT 8281

(α, α)

83-Bi-194

Radionuclide Production Cross Section



22

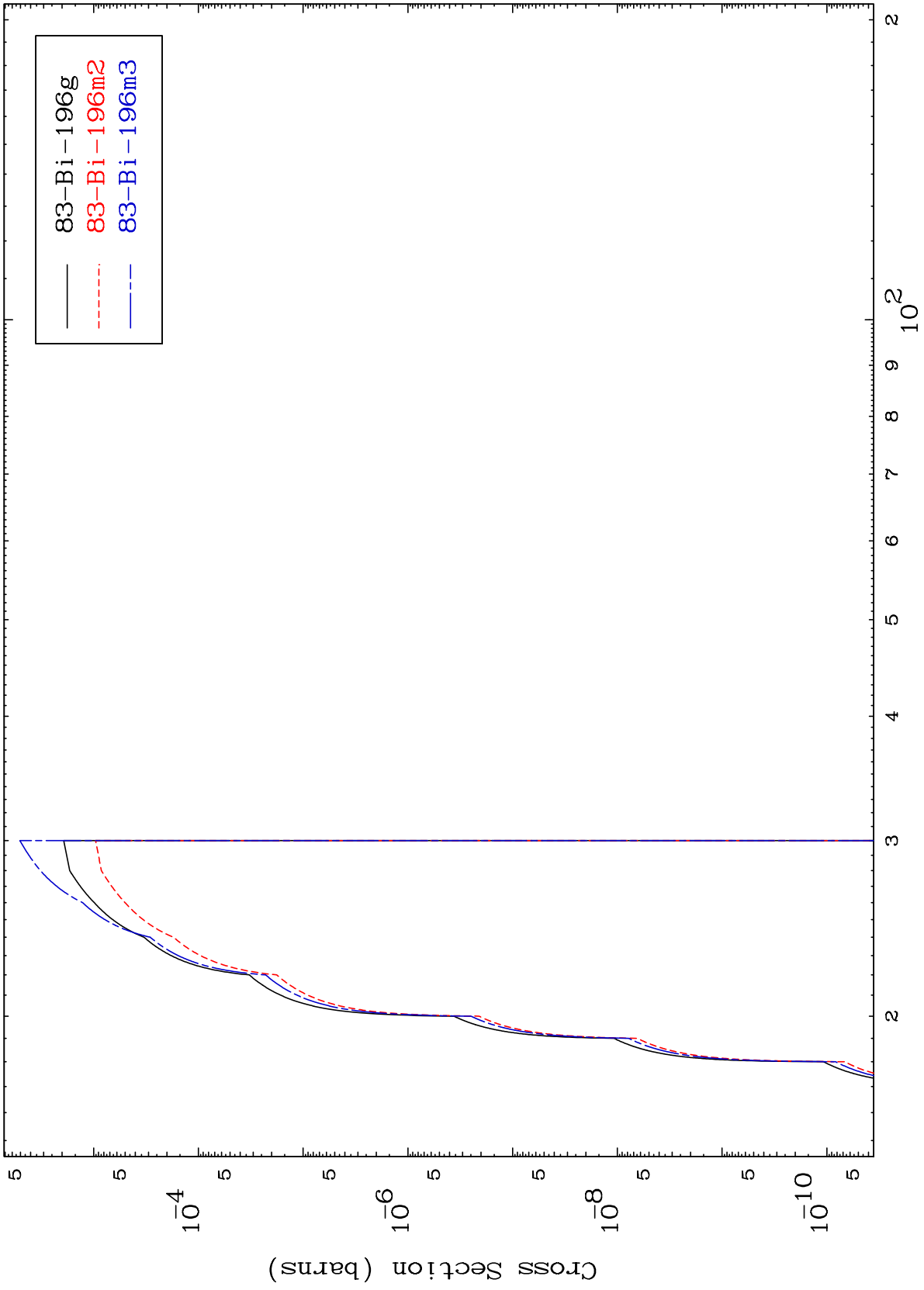
Incident Energy (MeV)

83-Bi-194

MAT 8281

83-Bi-194

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



23

Incident Energy (MeV)

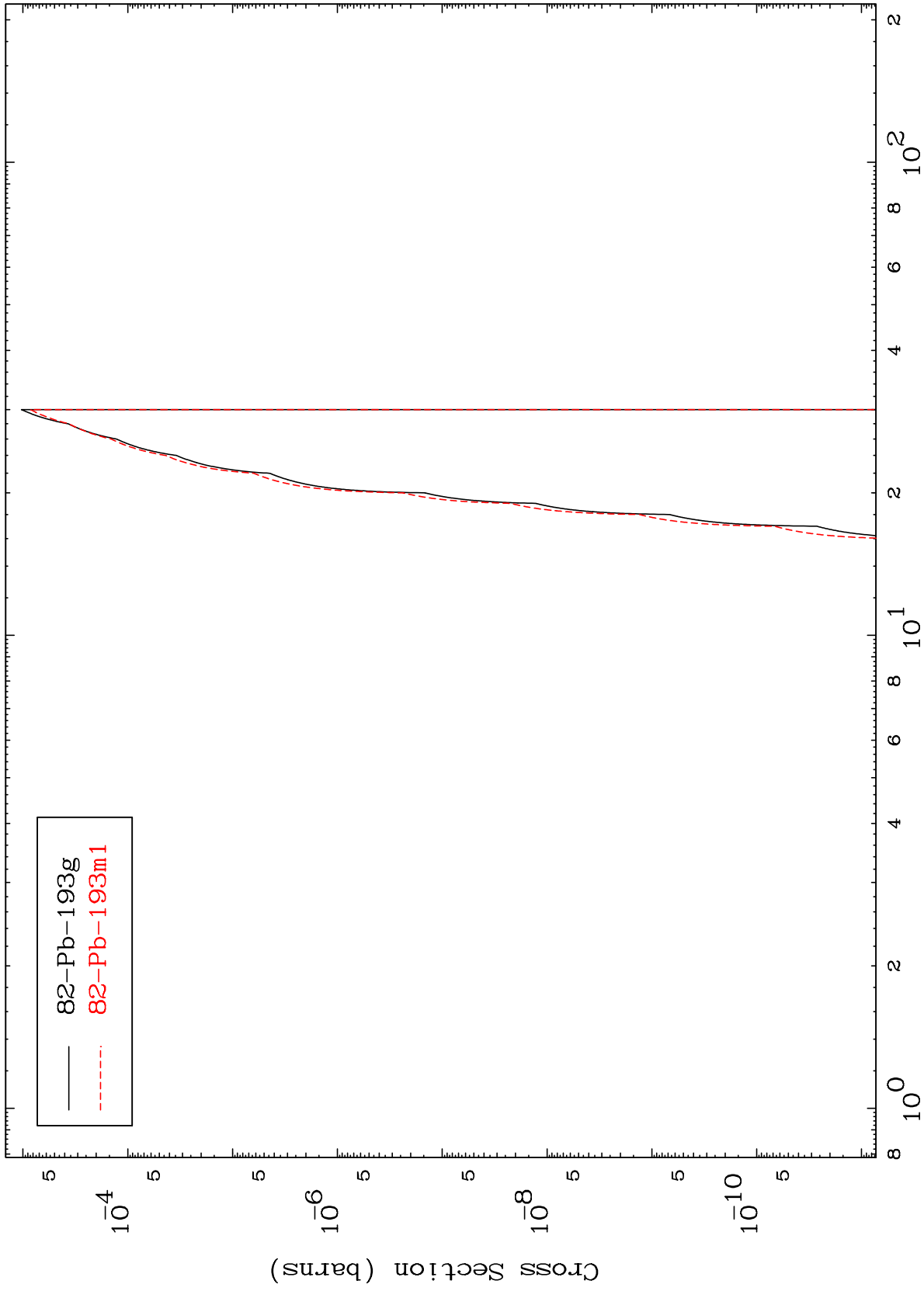
83-Bi-194

MAT 8281

(α, p) α

83-Bi-194

Radionuclide Production Cross Section



24

Incident Energy (MeV)

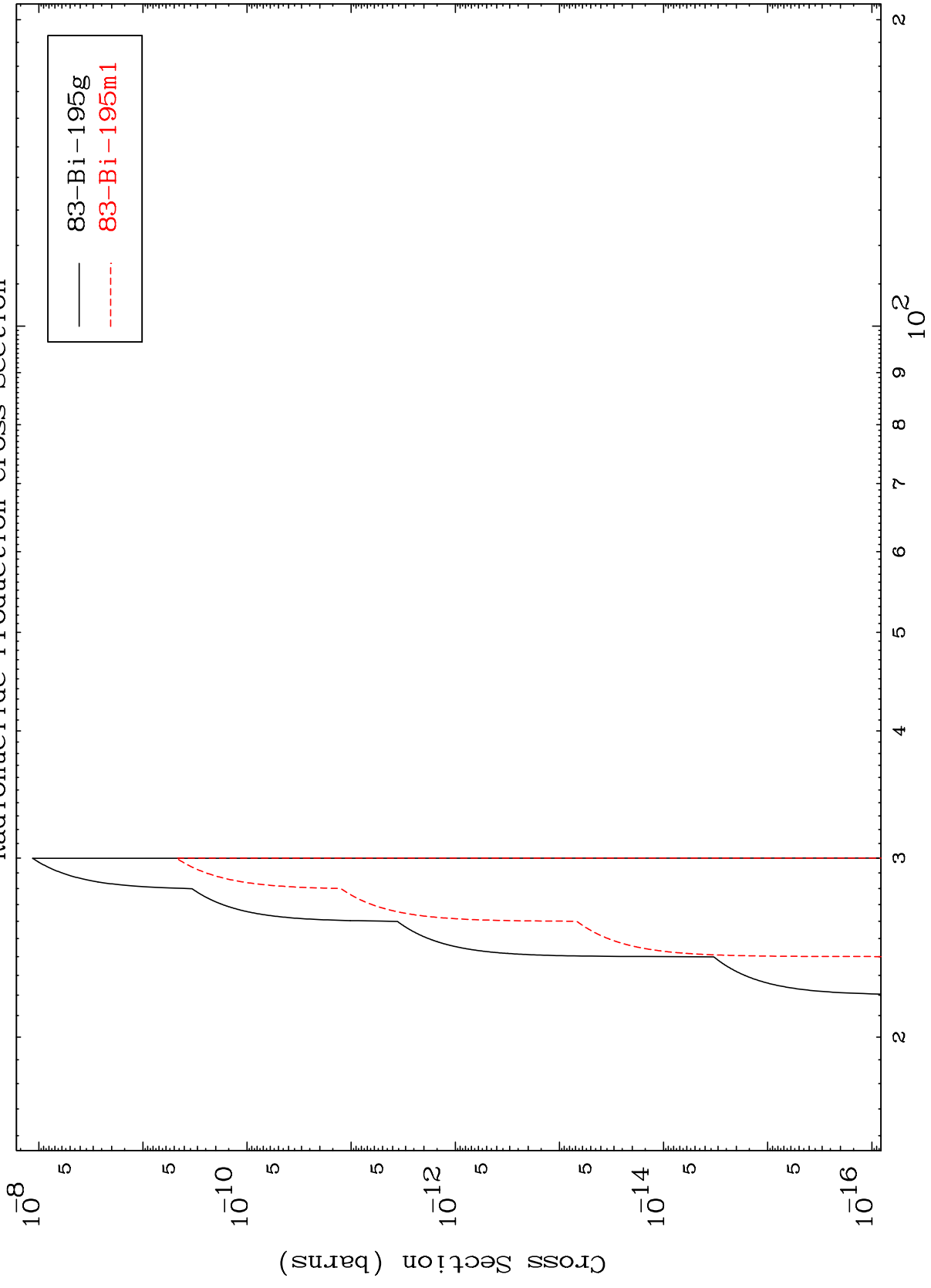
83-Bi-194

MAT 8281

(α, p) d

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

Radionuclide Production Cross Section



— $^{83}\text{Bi}-195\text{g}$
- - - $^{83}\text{Bi}-195\text{m1}$

25

Incident Energy (MeV)

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