

Program EVALPLOT
(Version 2018-1)

by

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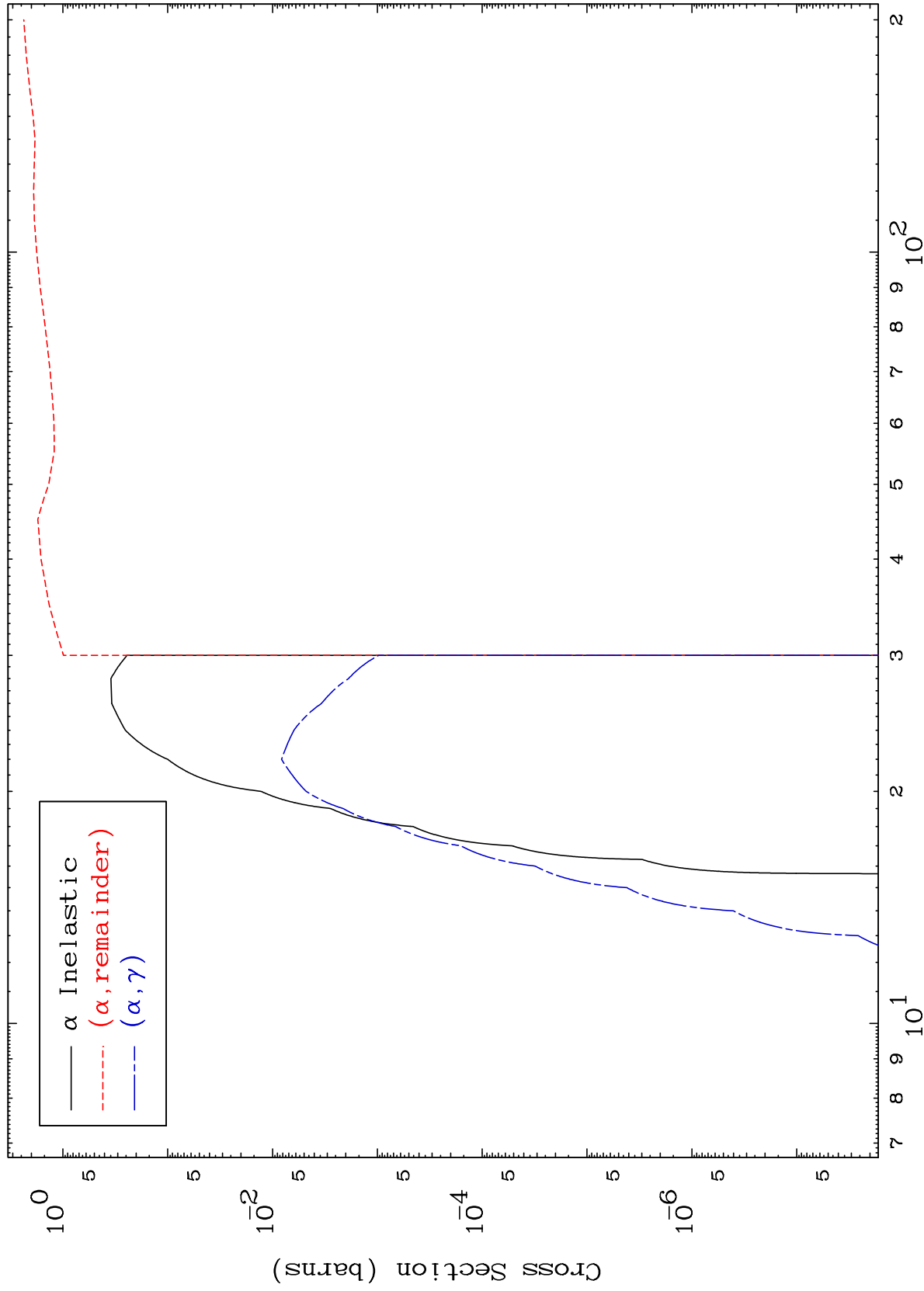
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8280

0 Kelvin Cross Sections

83-Bi-194



1

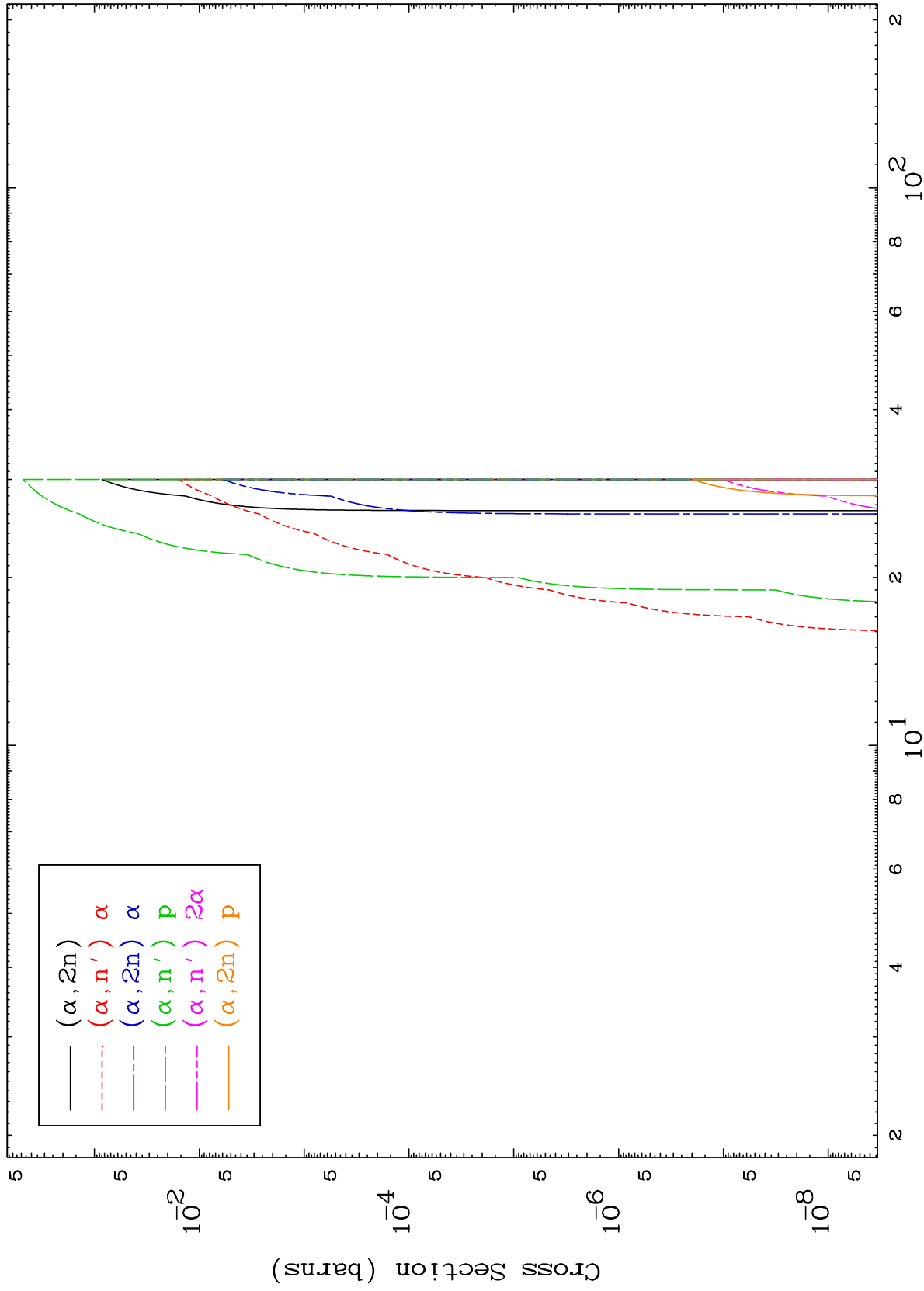
Incident Energy (MeV)

83-Bi-194

MAT 8280

α Neutron Production
0 Kelvin Cross Sections

83-Bi-194



2

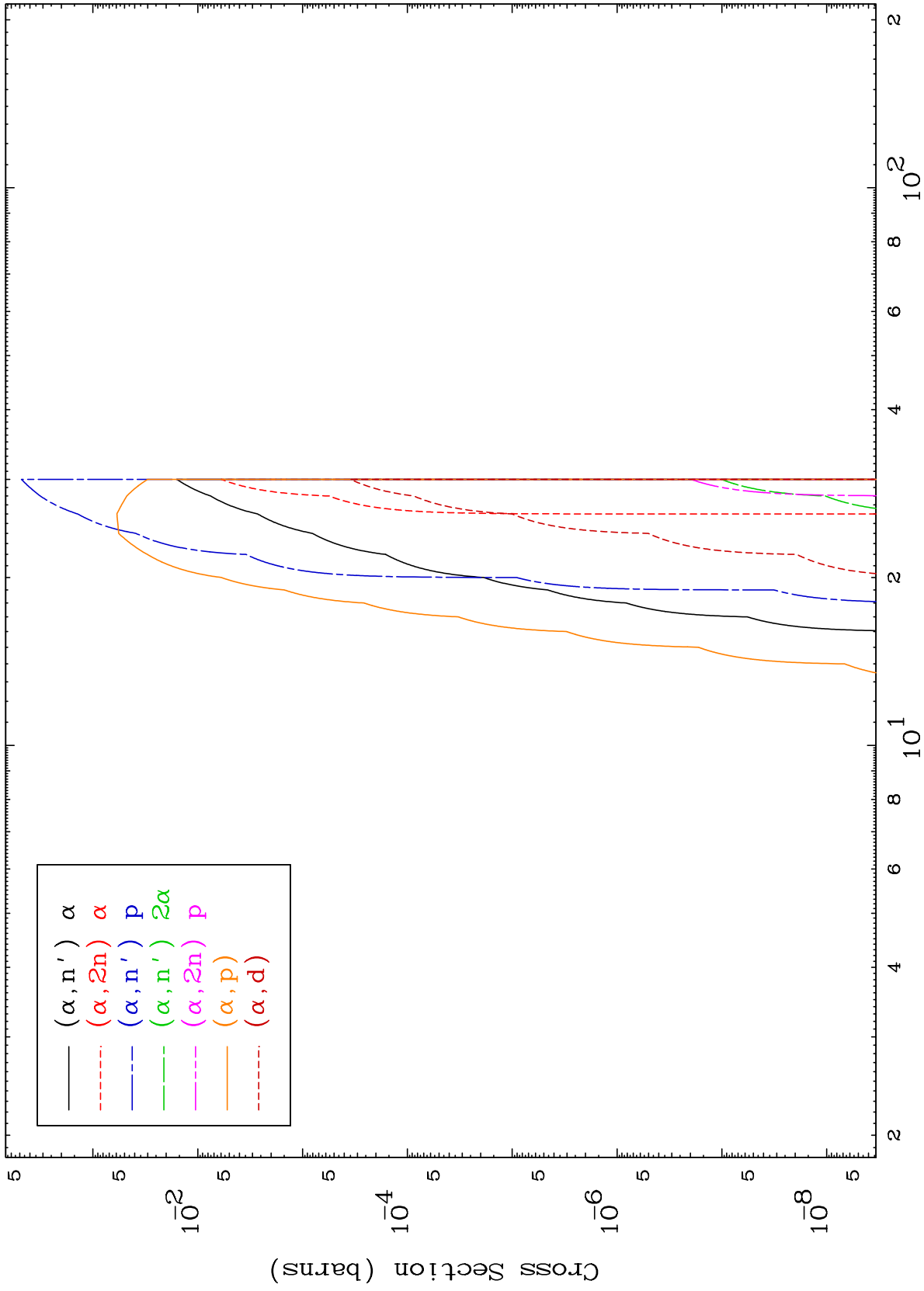
Incident Energy (MeV)

83-Bi-194

MAT 8280

α Charged Particle
0 Kelvin Cross Sections

83-Bi-194



3

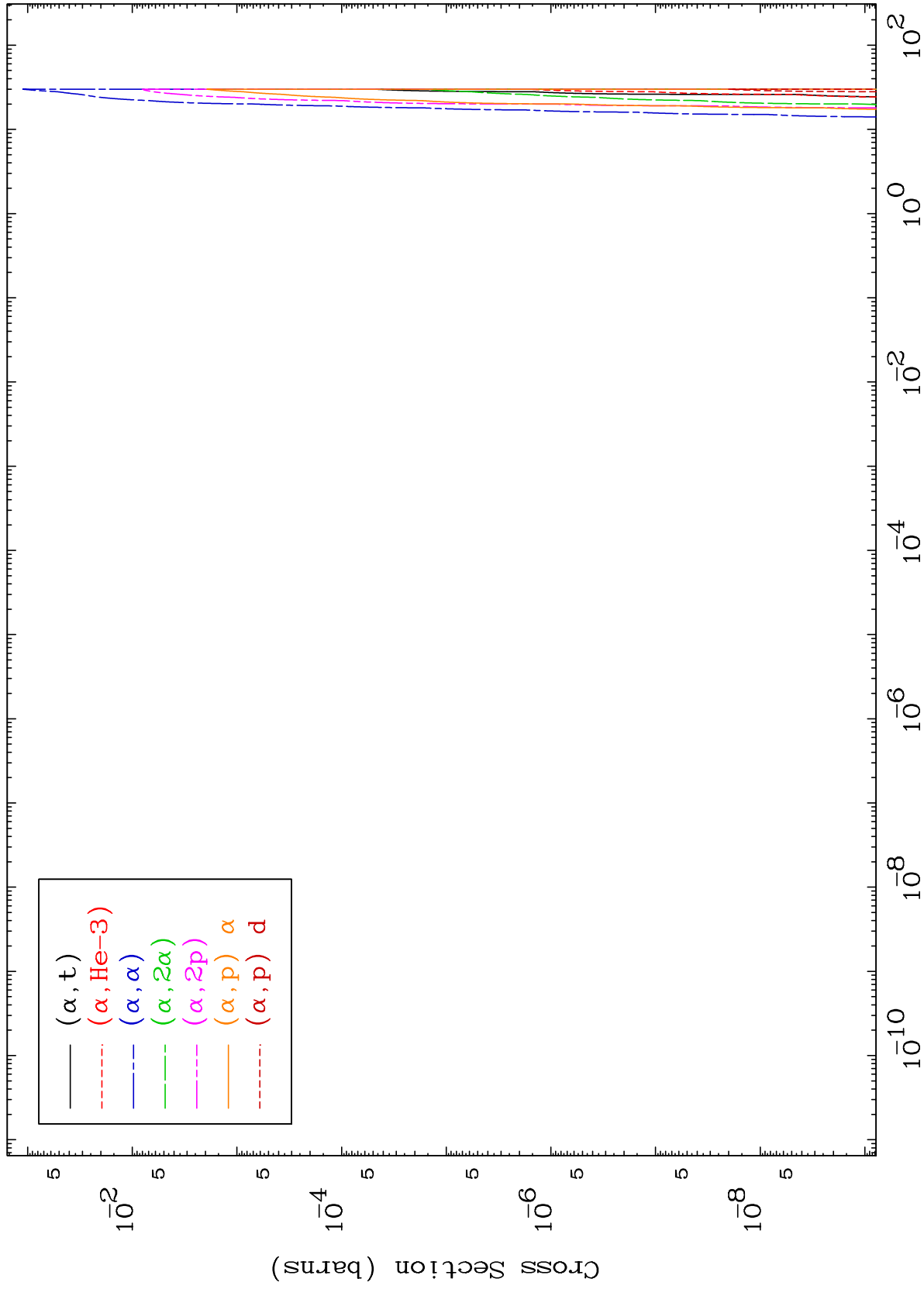
Incident Energy (MeV)

83-Bi-194

MAT 8280

α Charged Particle
0 Kelvin Cross Sections

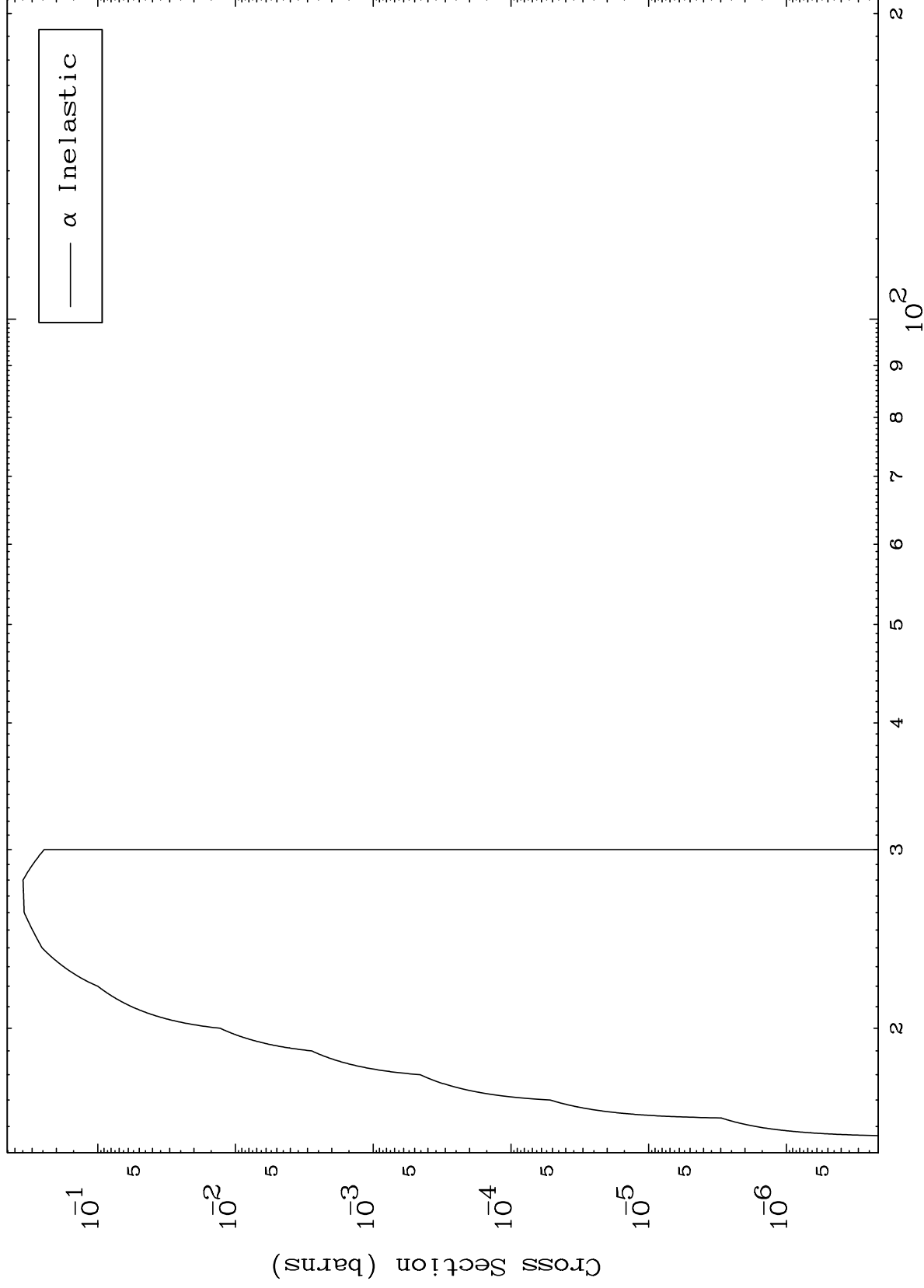
83-Bi-194



MAT 8280

(α, n') Level
0 Kelvin Cross Sections

83-Bi-194



5

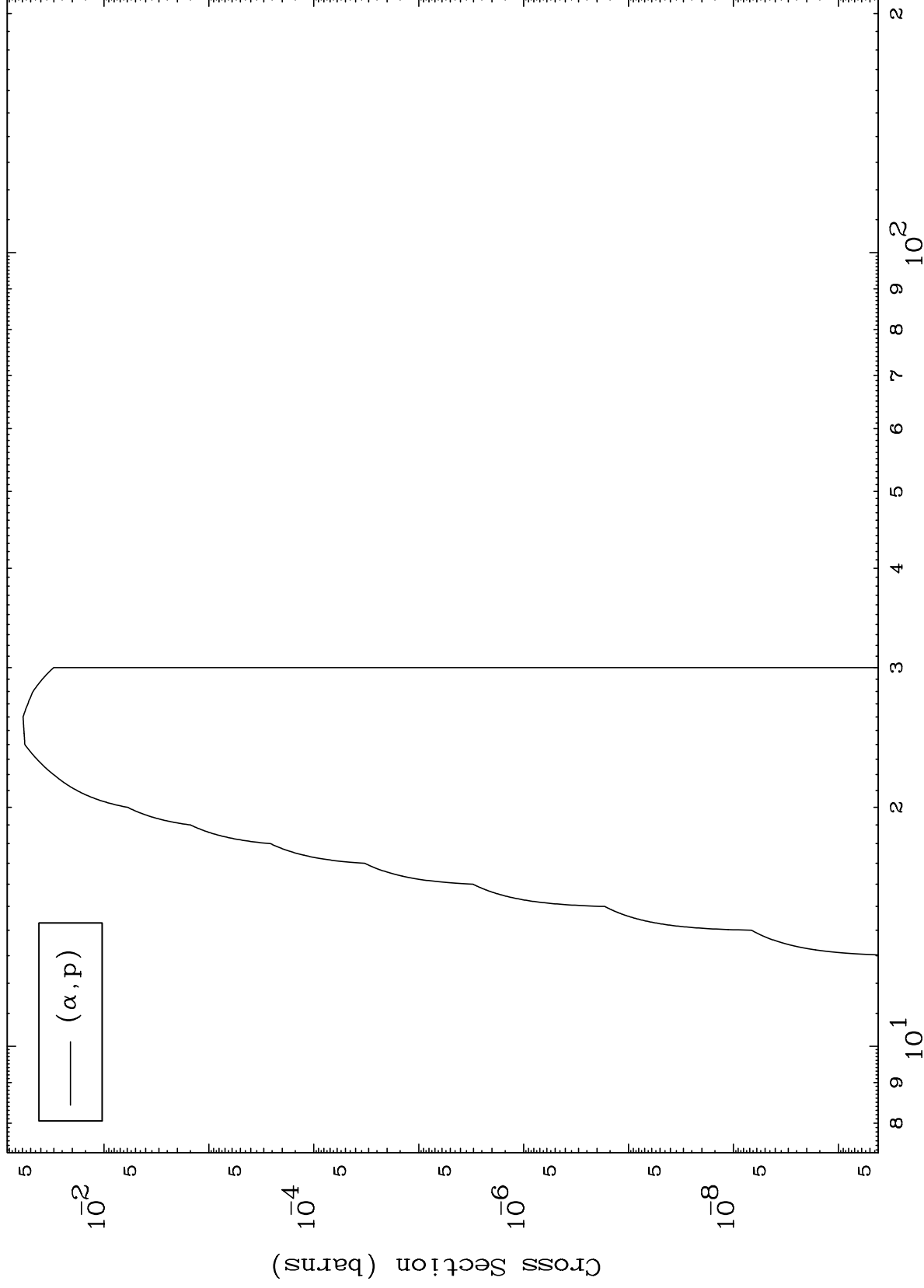
Incident Energy (MeV)

83-Bi-194

MAT 8280

83-Bi-194

(α ,p) Levels
0 Kelvin Cross Sections



6

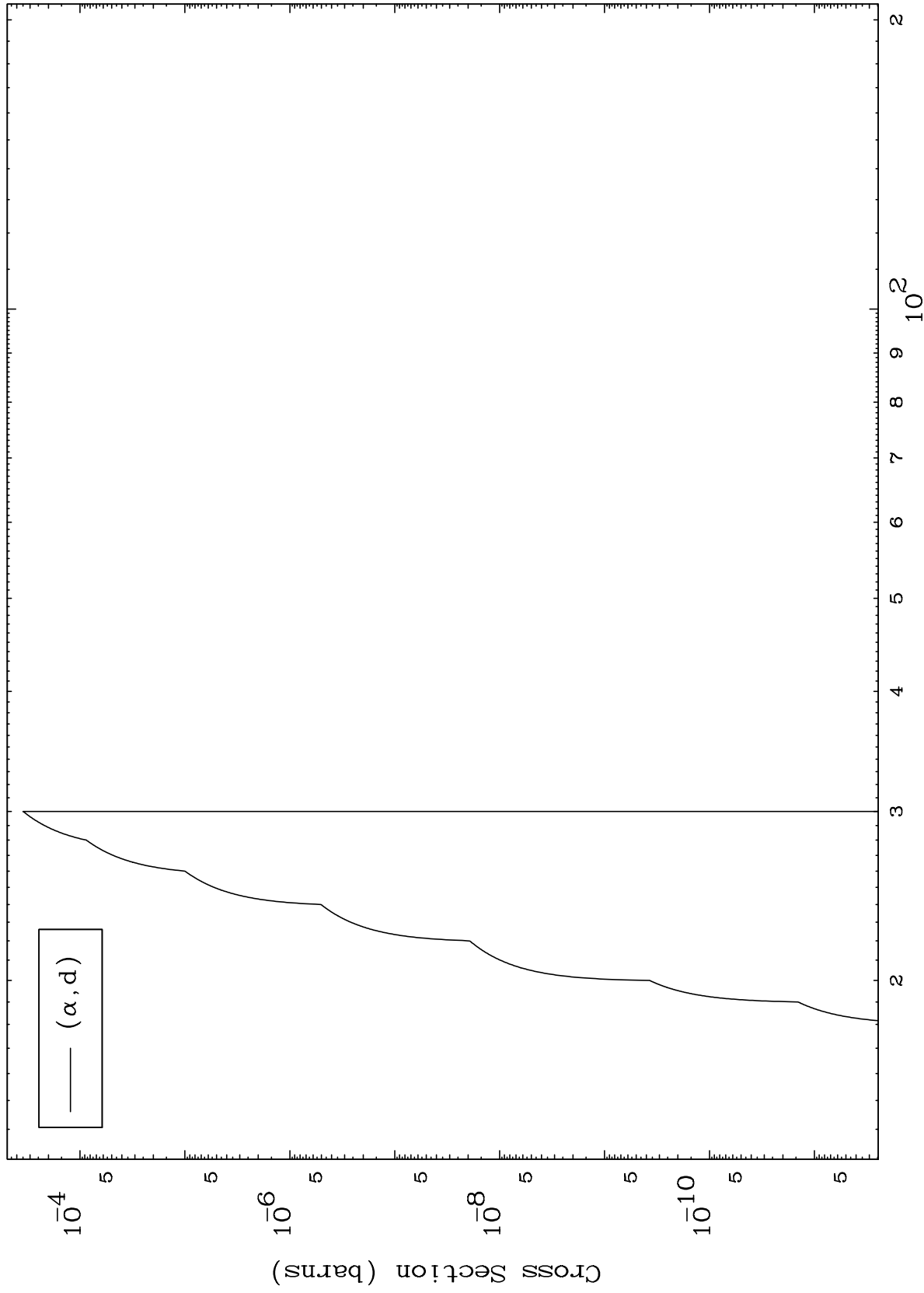
Incident Energy (MeV)

83-Bi-194

MAT 8280

(α ,d) Levels
0 Kelvin Cross Sections

83-Bi-194



7

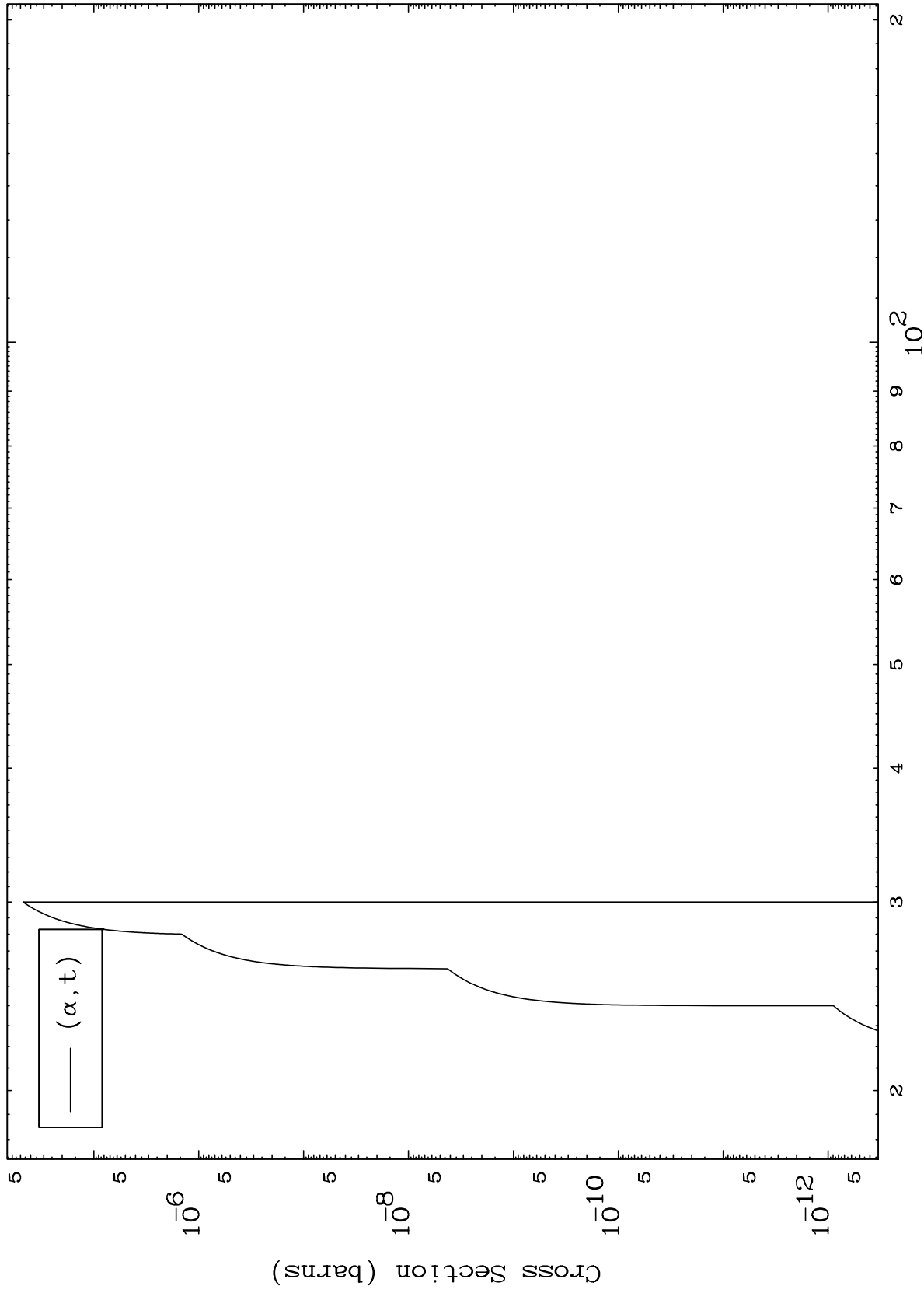
Incident Energy (MeV)

83-Bi-194

MAT 8280

83-Bi-194

(α, t) Levels
0 Kelvin Cross Sections

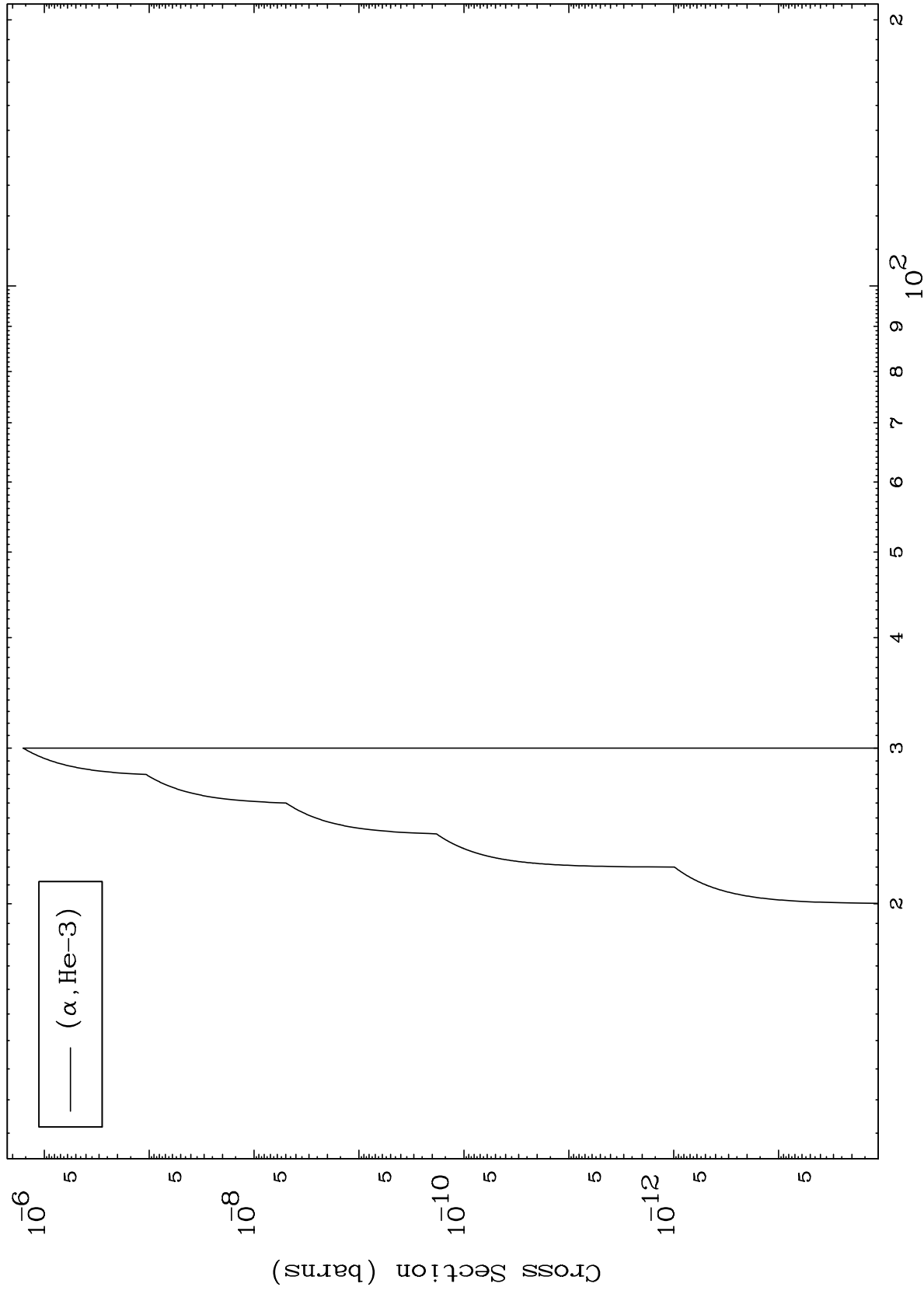


8

Incident Energy (MeV)

83-Bi-194

(α ,He3) Levels
0 Kelvin Cross Sections

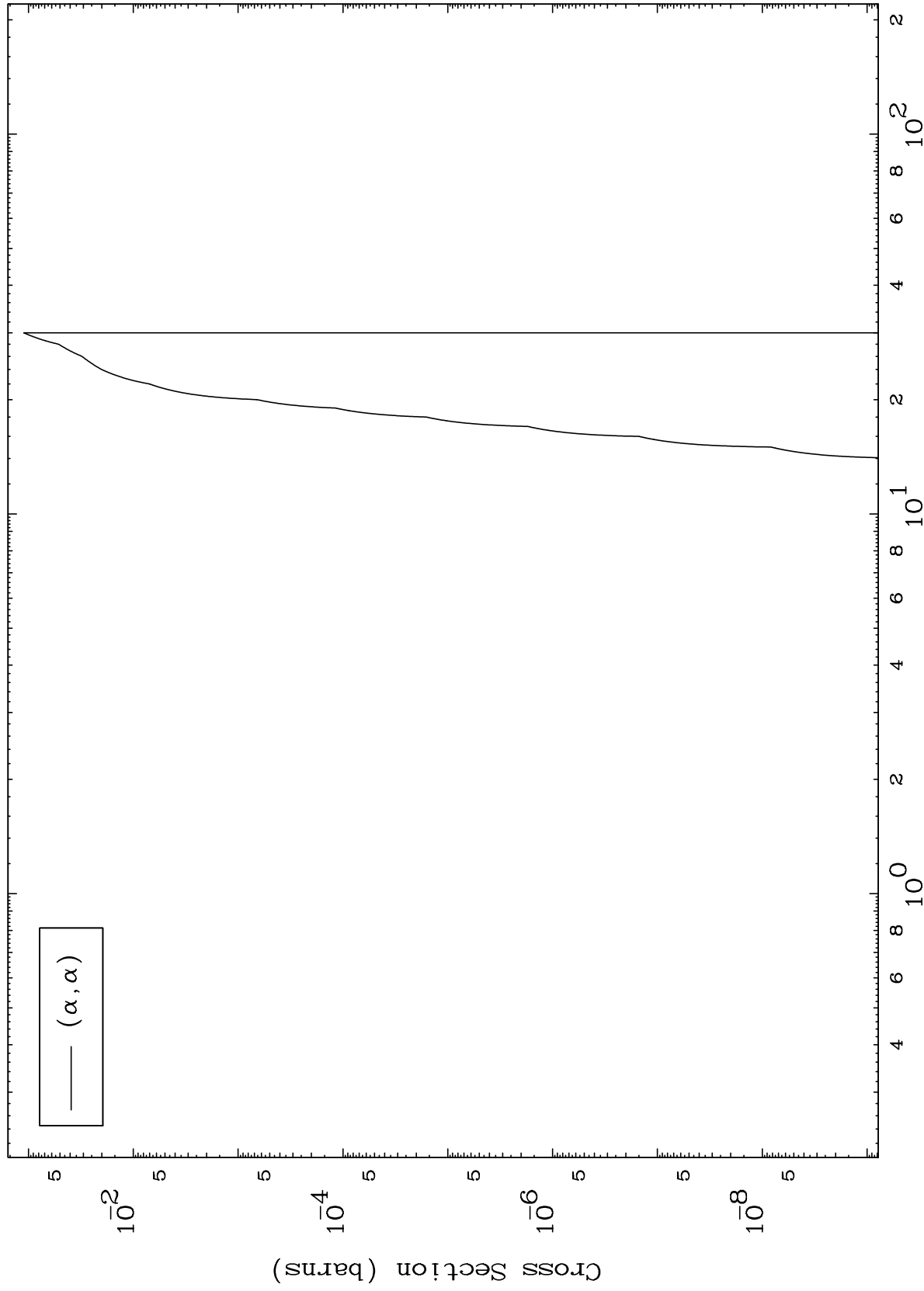


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(α, α) Levels

83-Bi-194

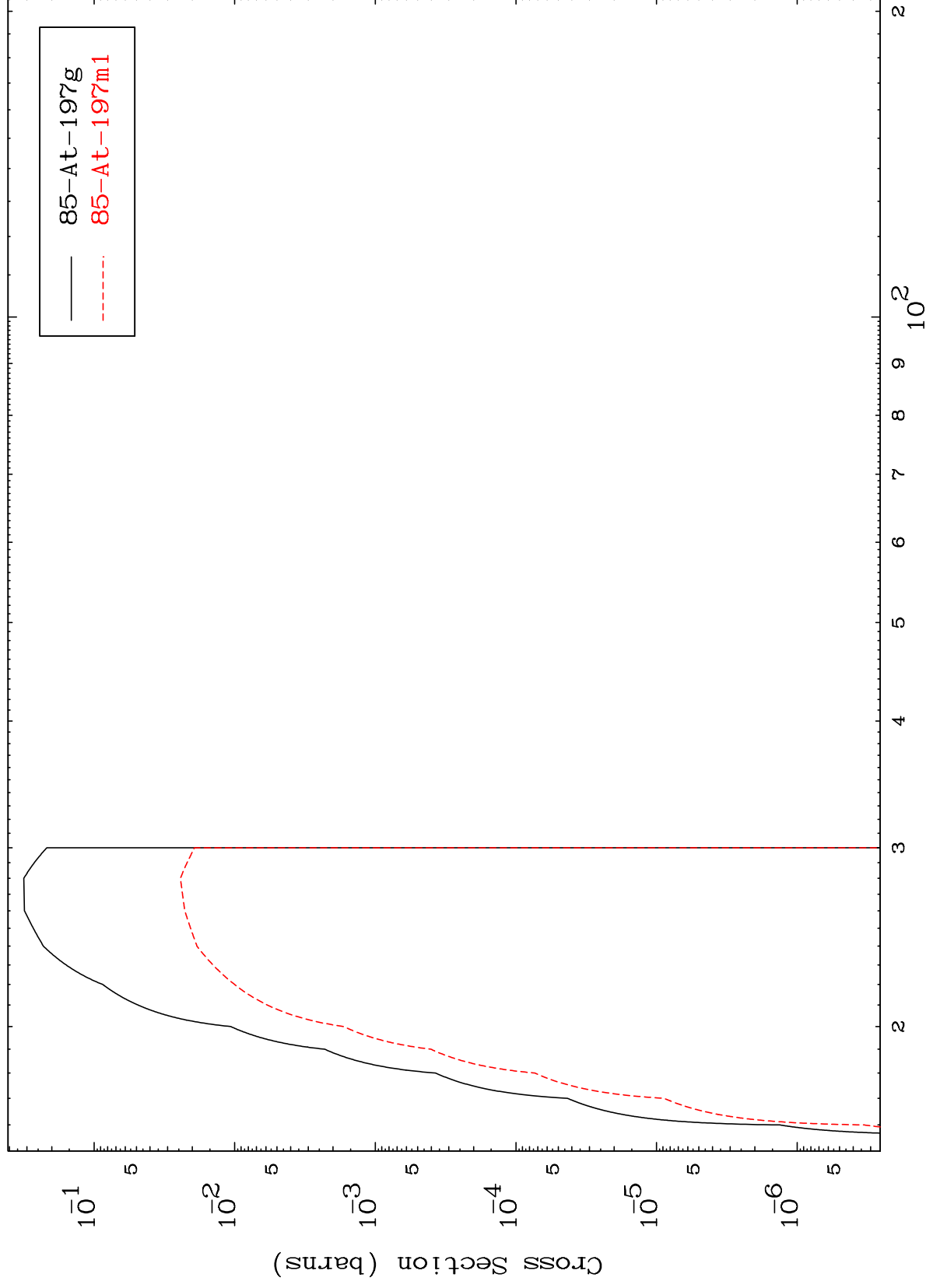
0 Kelvin Cross Sections

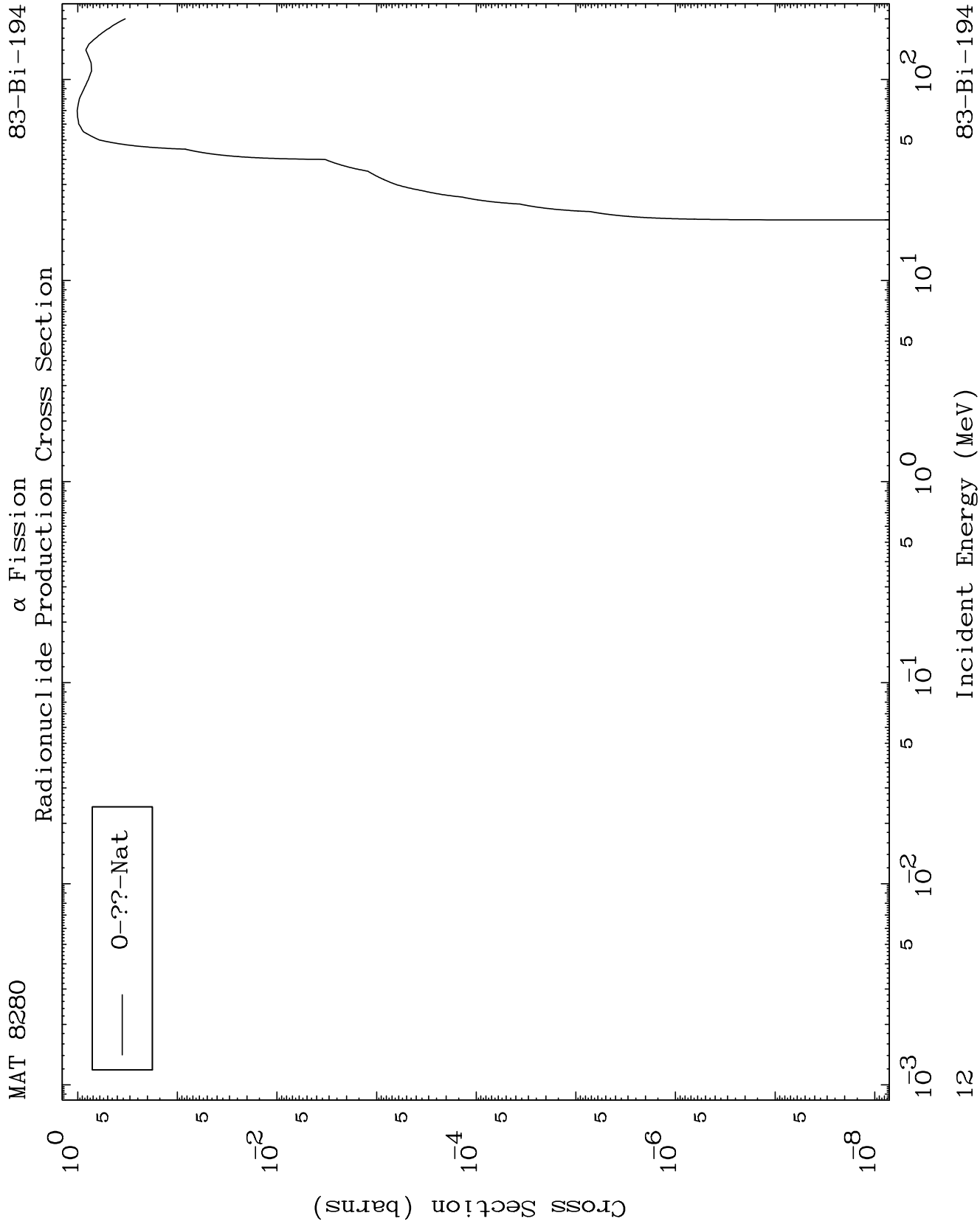


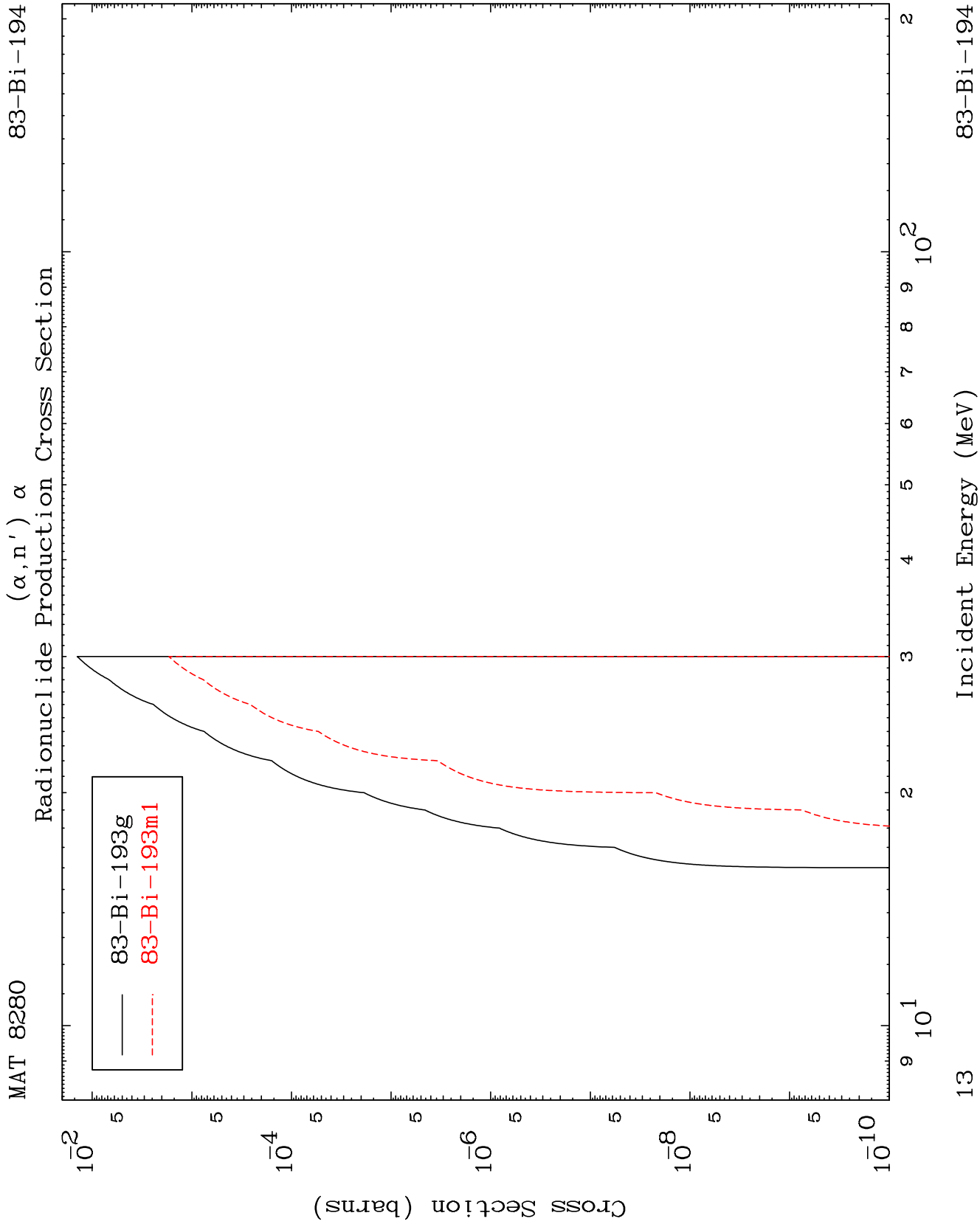
10

Incident Energy (MeV)

83-Bi-194

α Inelastic
Radionuclide Production Cross Section



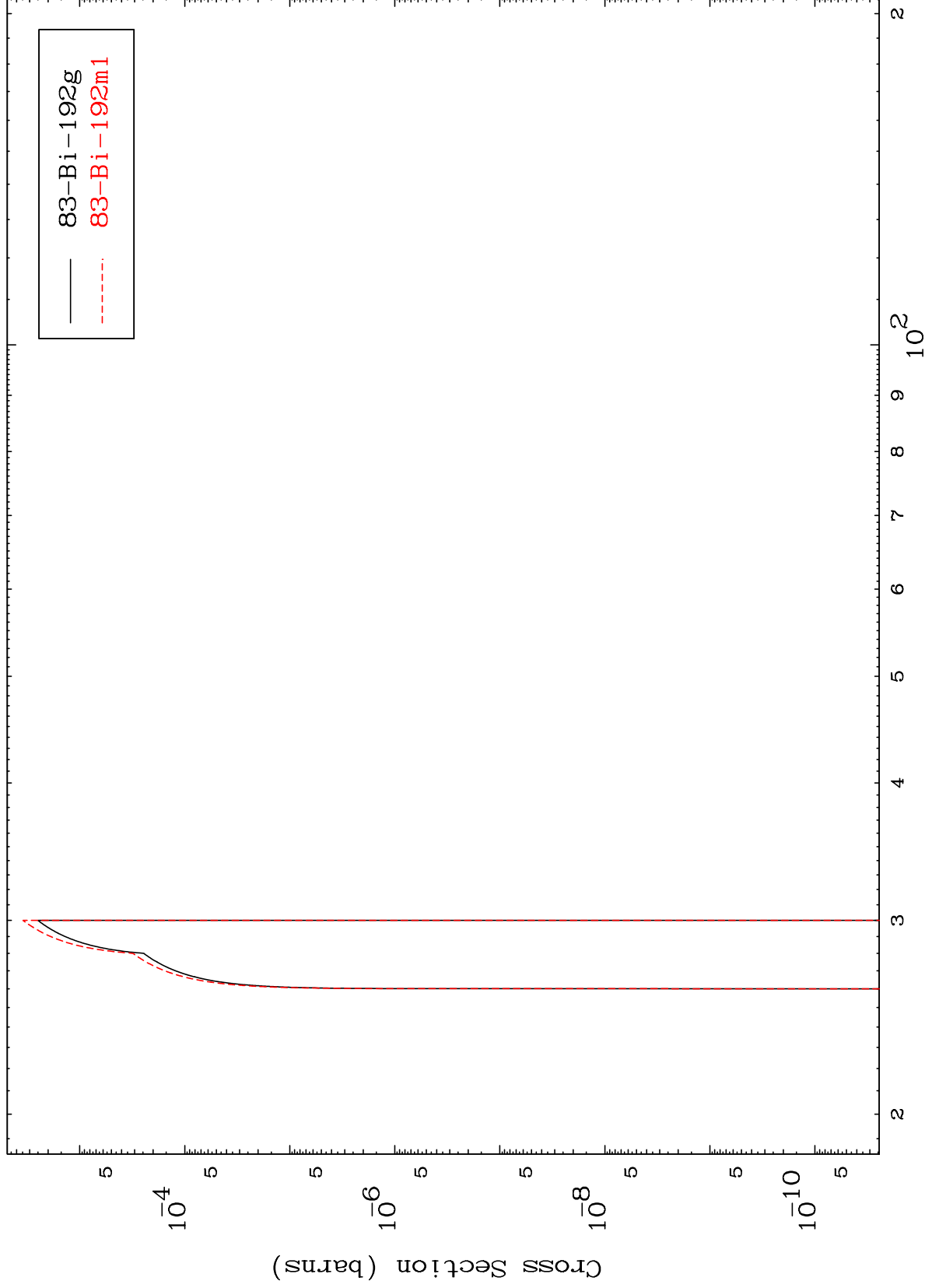


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$(\alpha, 2n) \alpha$

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

Radionuclide Production Cross Section



14

Incident Energy (MeV)

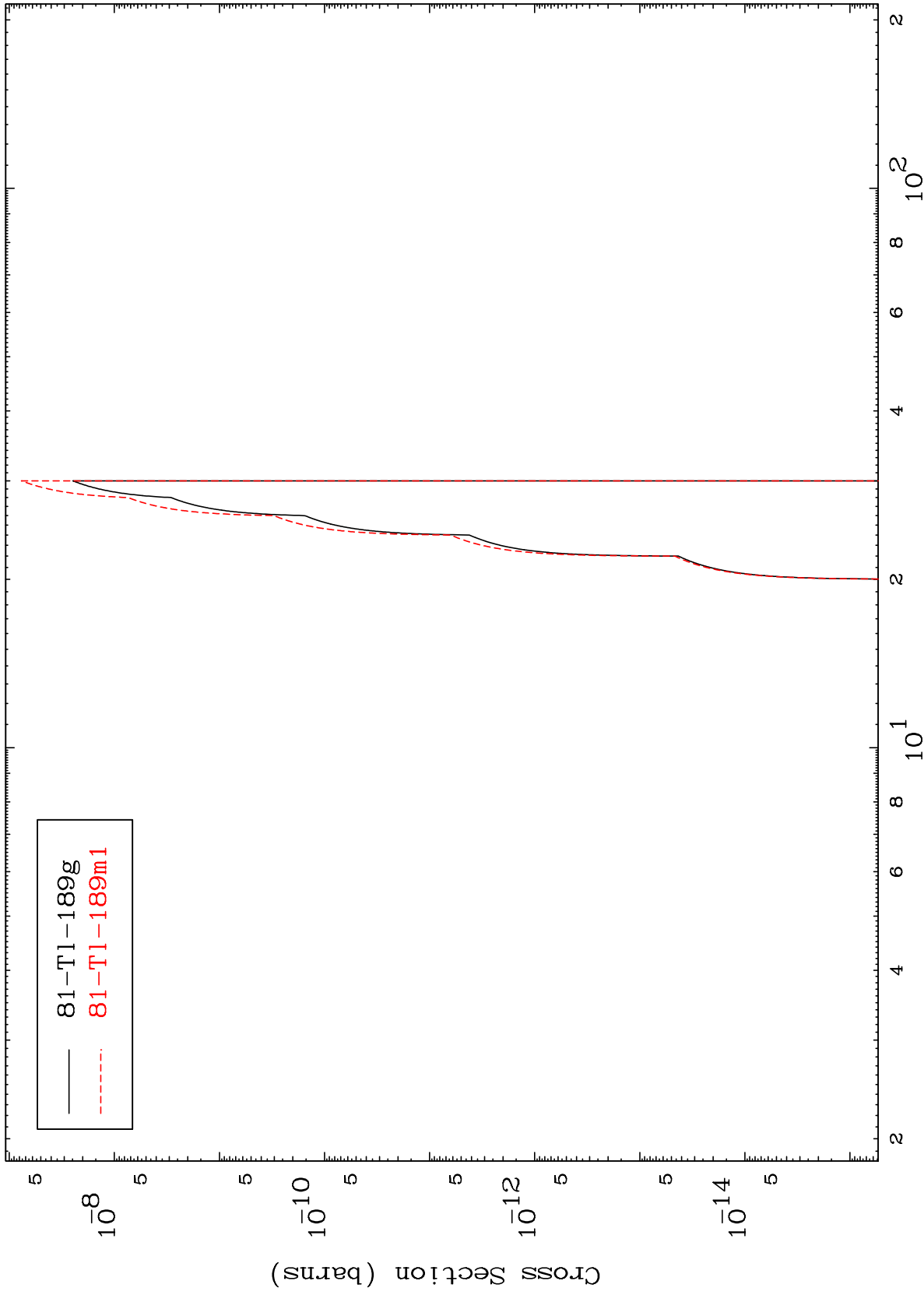
$^{83}\text{Bi}-^{194}$

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Radionuclide Production Cross Section

83-Bi-194

(α, n') 2α



15

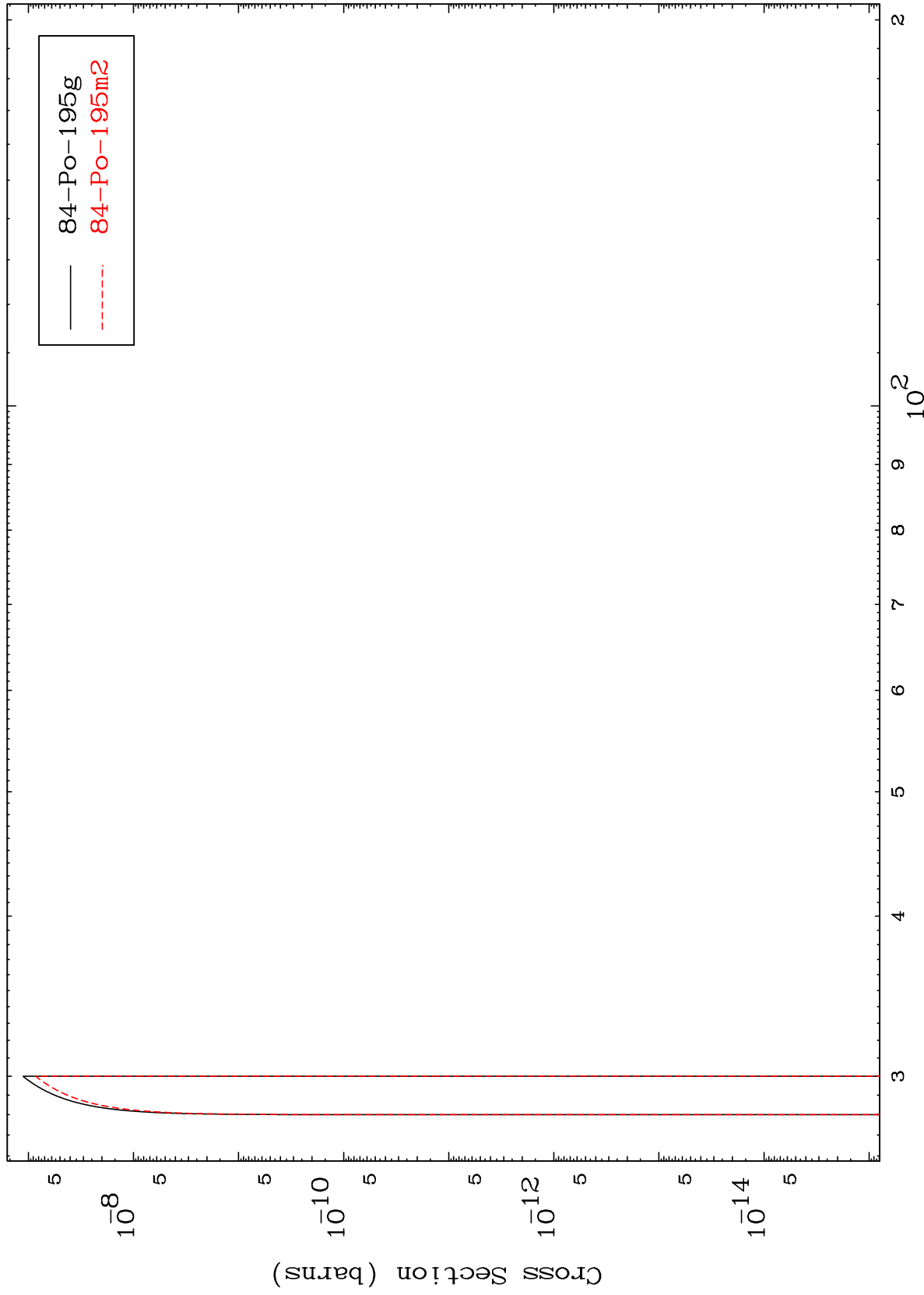
Incident Energy (MeV)

83-Bi-194

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83-Bi-194

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



16

Incident Energy (MeV)

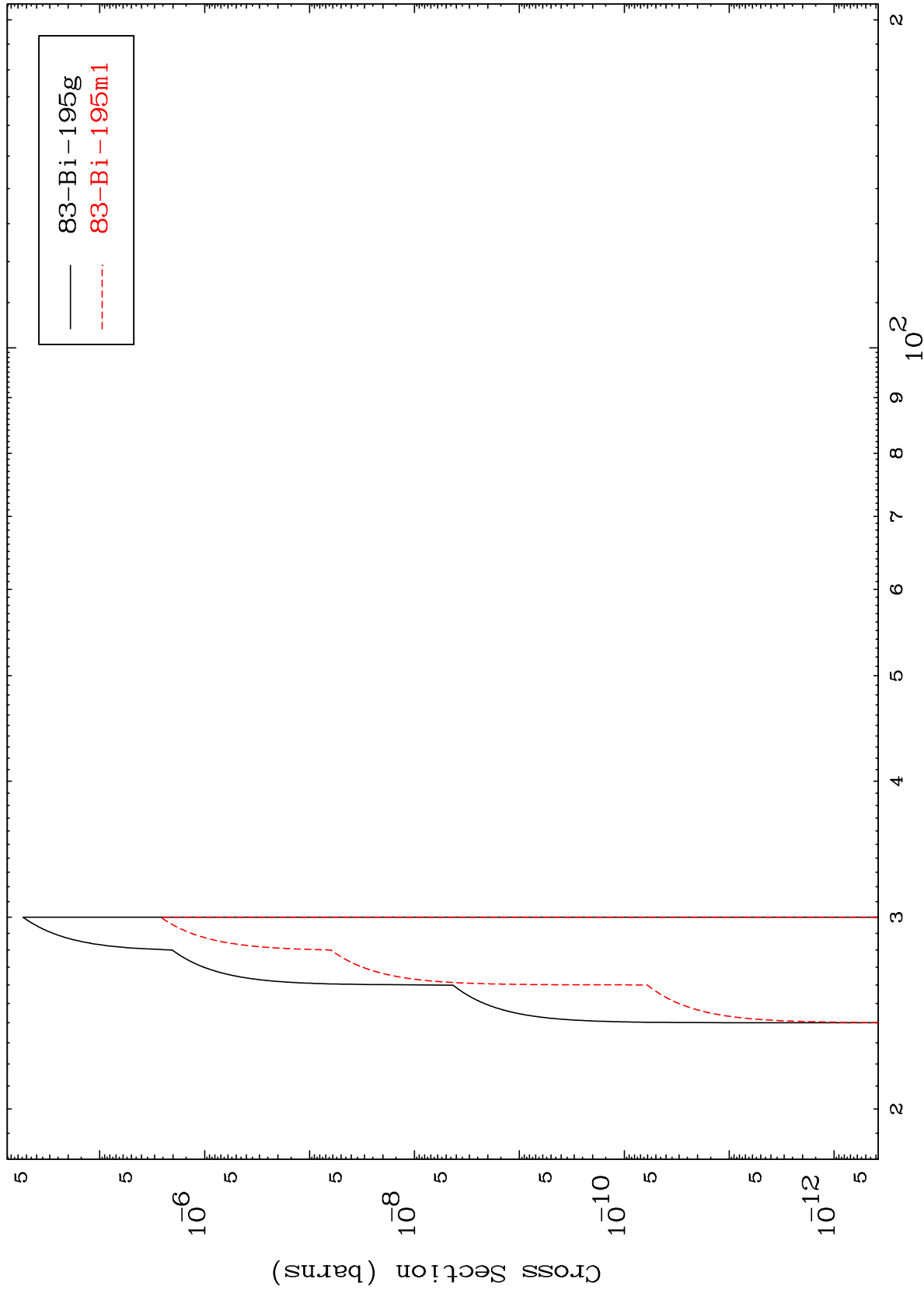
83-Bi-194

MAT 8280

$(\alpha, 2n)$ p

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

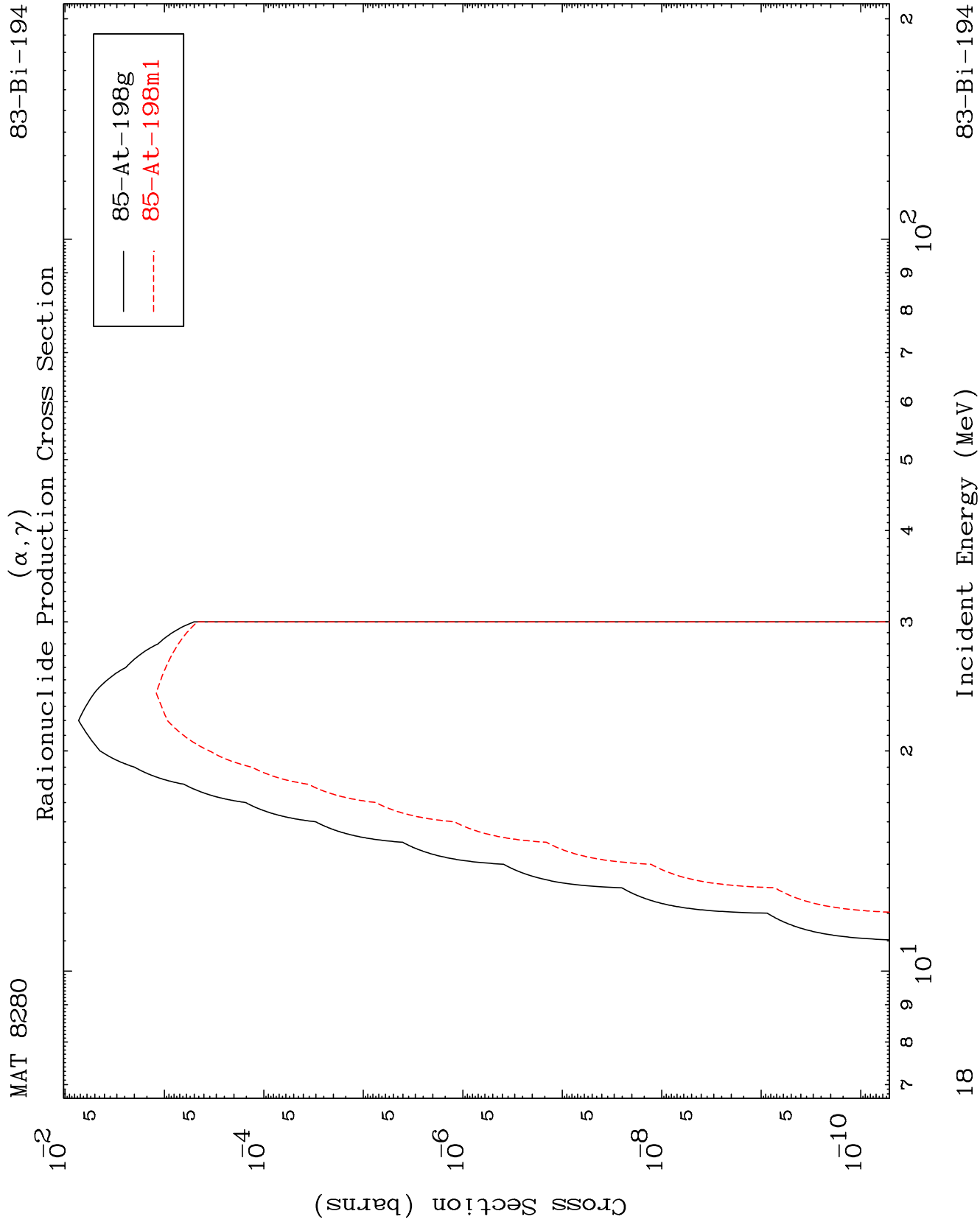
Radionuclide Production Cross Section



17

Incident Energy (MeV)

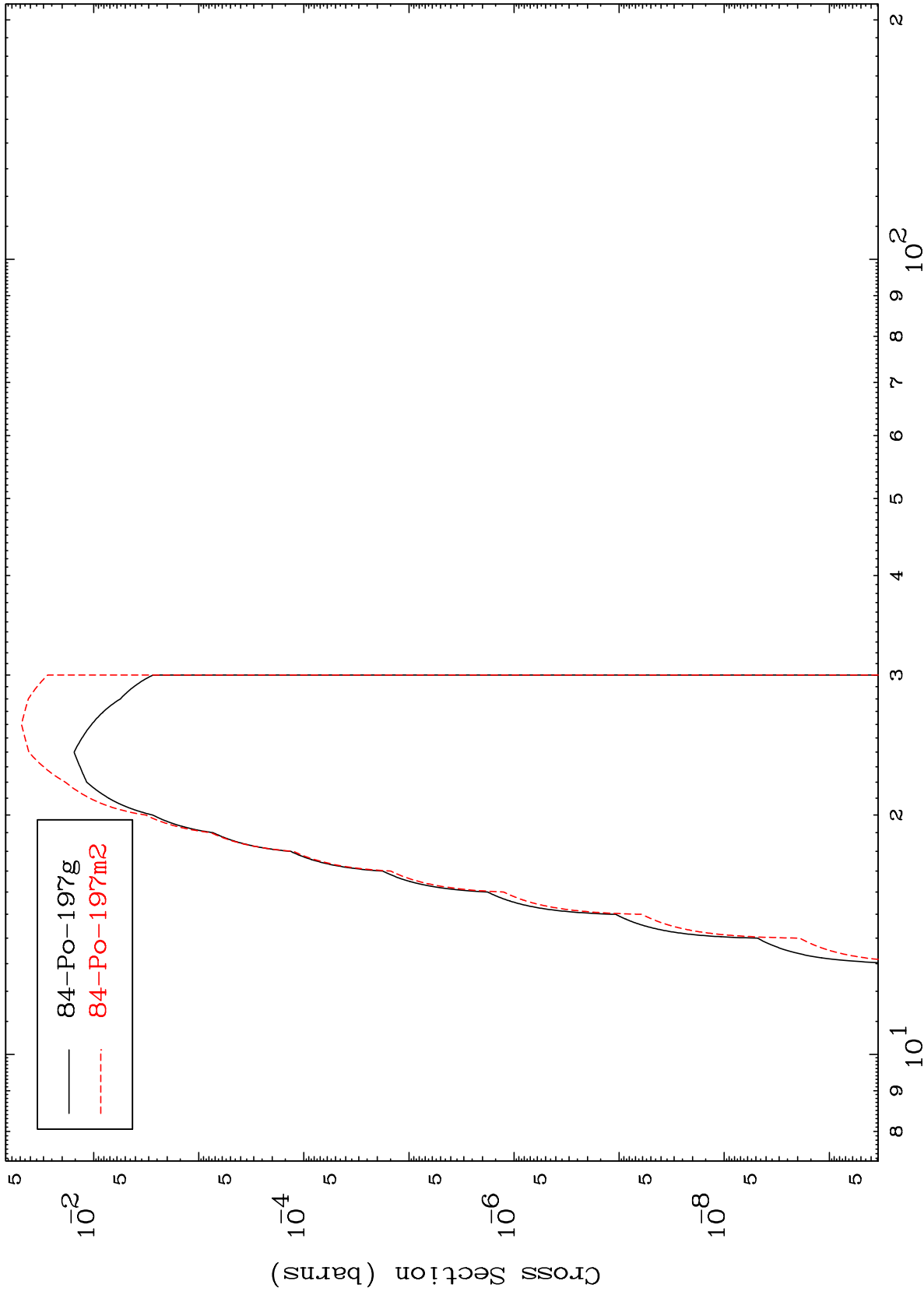
$^{83}\text{Bi}-194$



MAT 8280

83-Bi-194

Radionuclide Production Cross Section



19

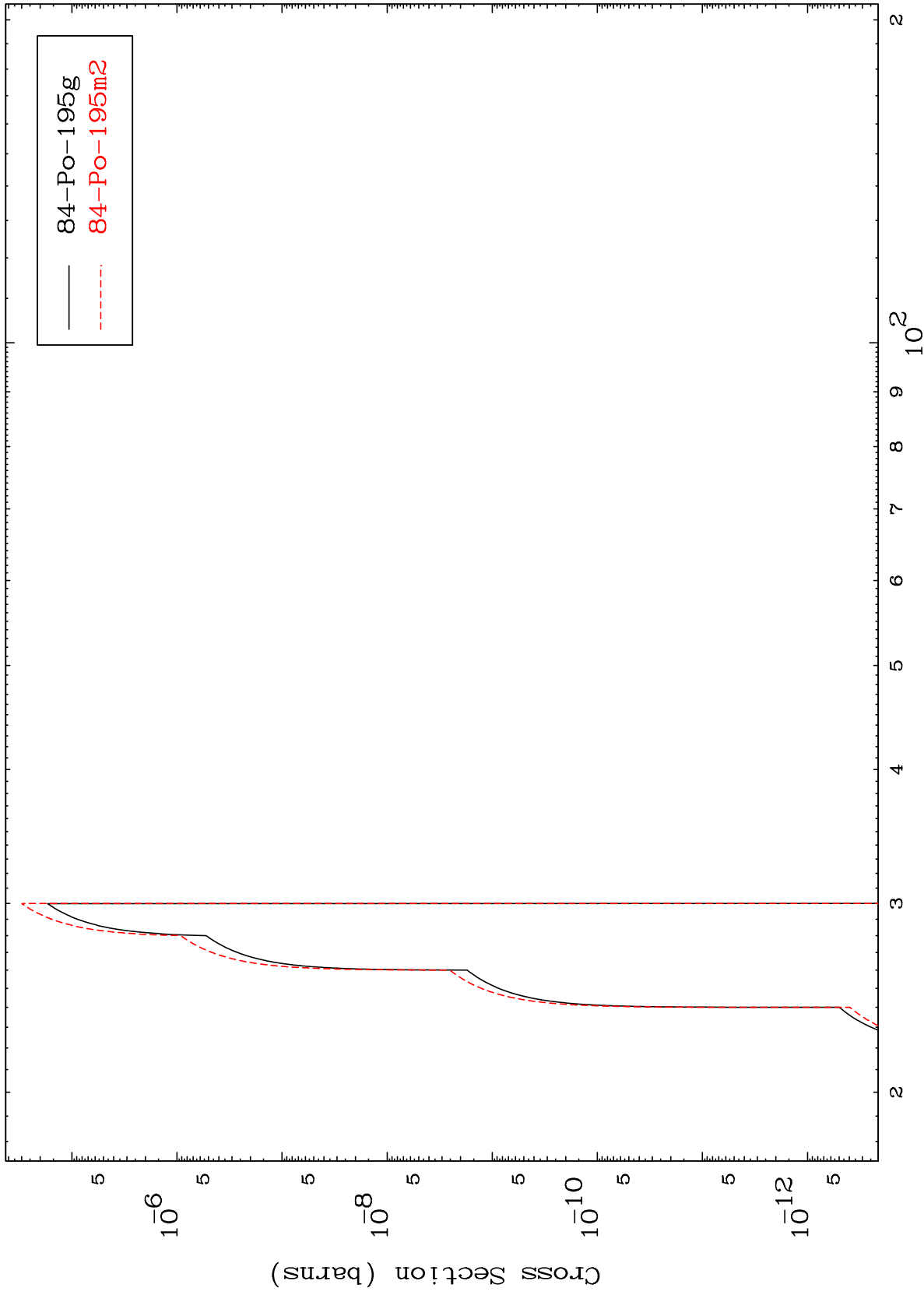
Incident Energy (MeV)

83-Bi-194

MAT 8280

83-Bi-194

(α, t)
Radionuclide Production Cross Section

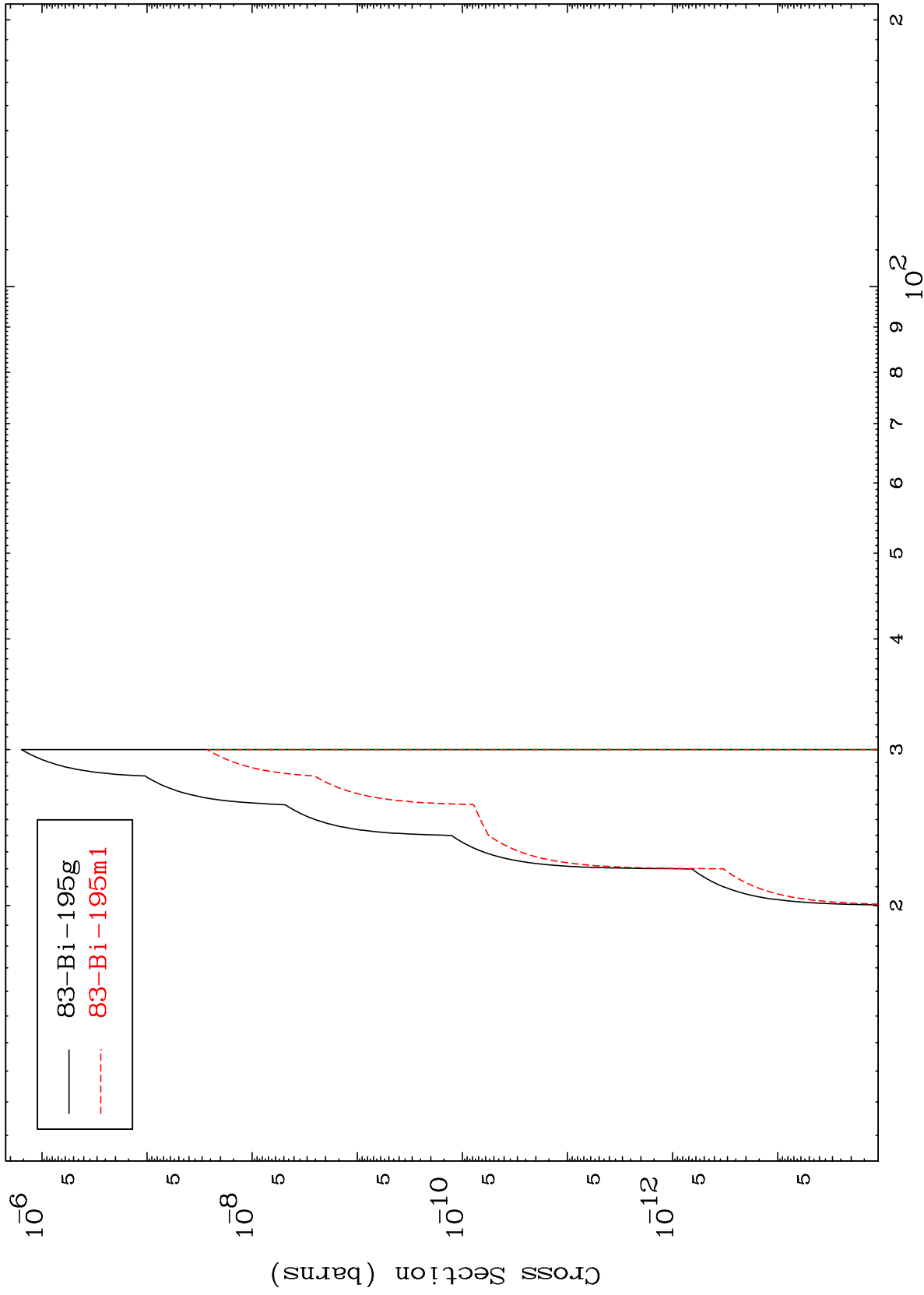


20

Incident Energy (MeV)

83-Bi-194

Radionuclide Production Cross Section

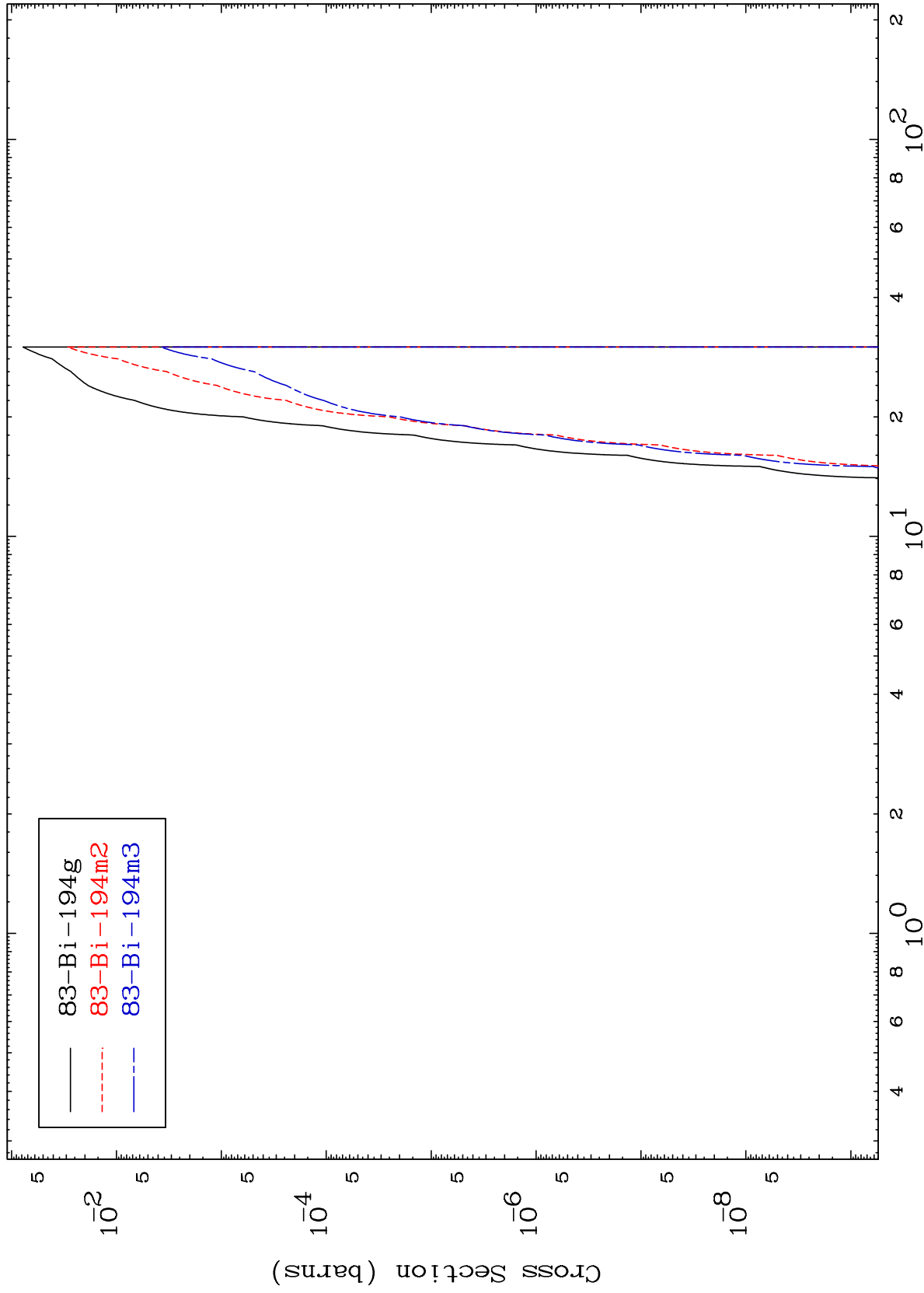


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(α, α)

83-Bi-194

Radionuclide Production Cross Section



22

Incident Energy (MeV)

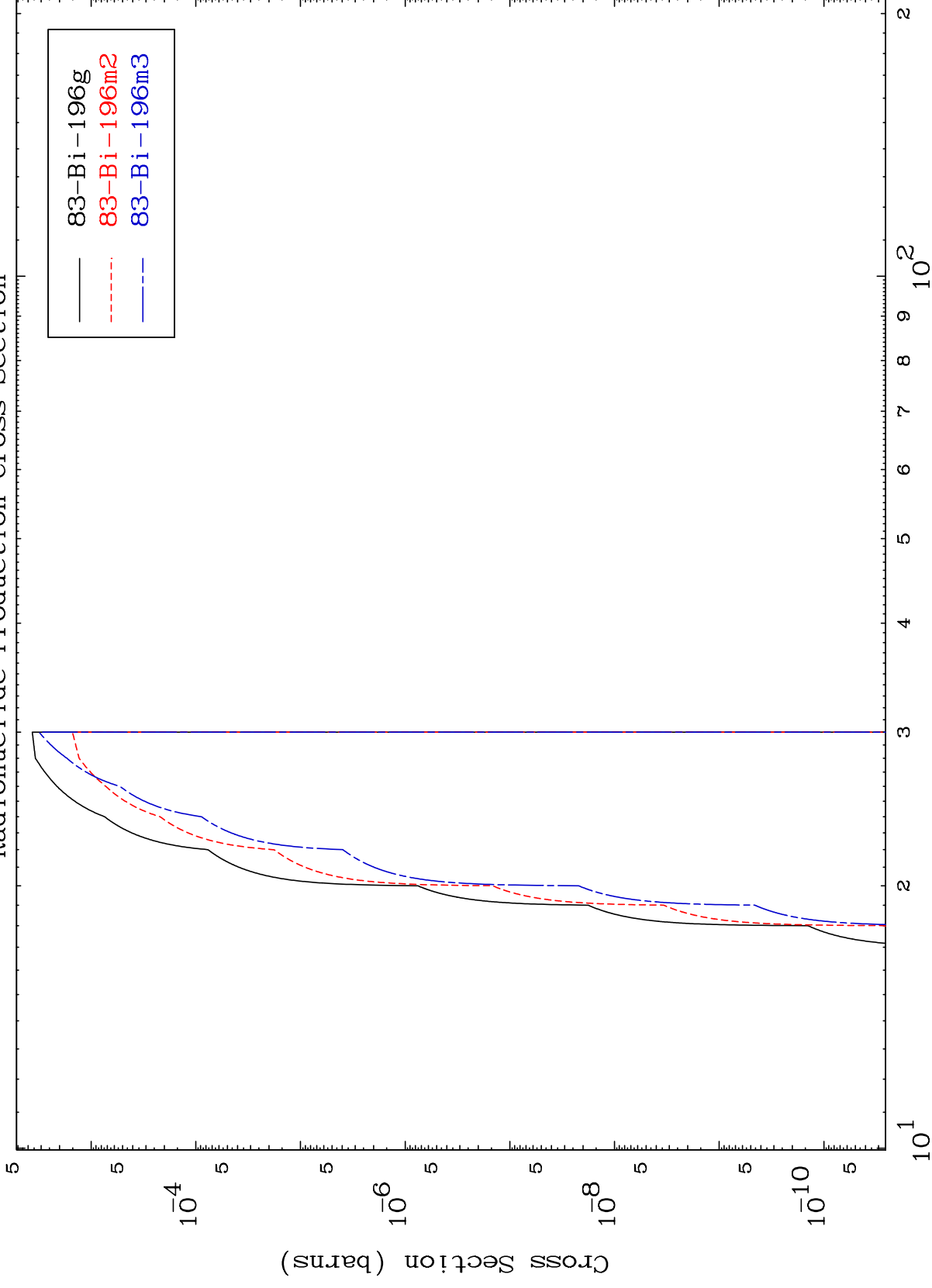
83-Bi-194

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 $(\alpha, 2p)$

83-Bi-194

Radionuclide Production Cross Section



32

Incident Energy (MeV)

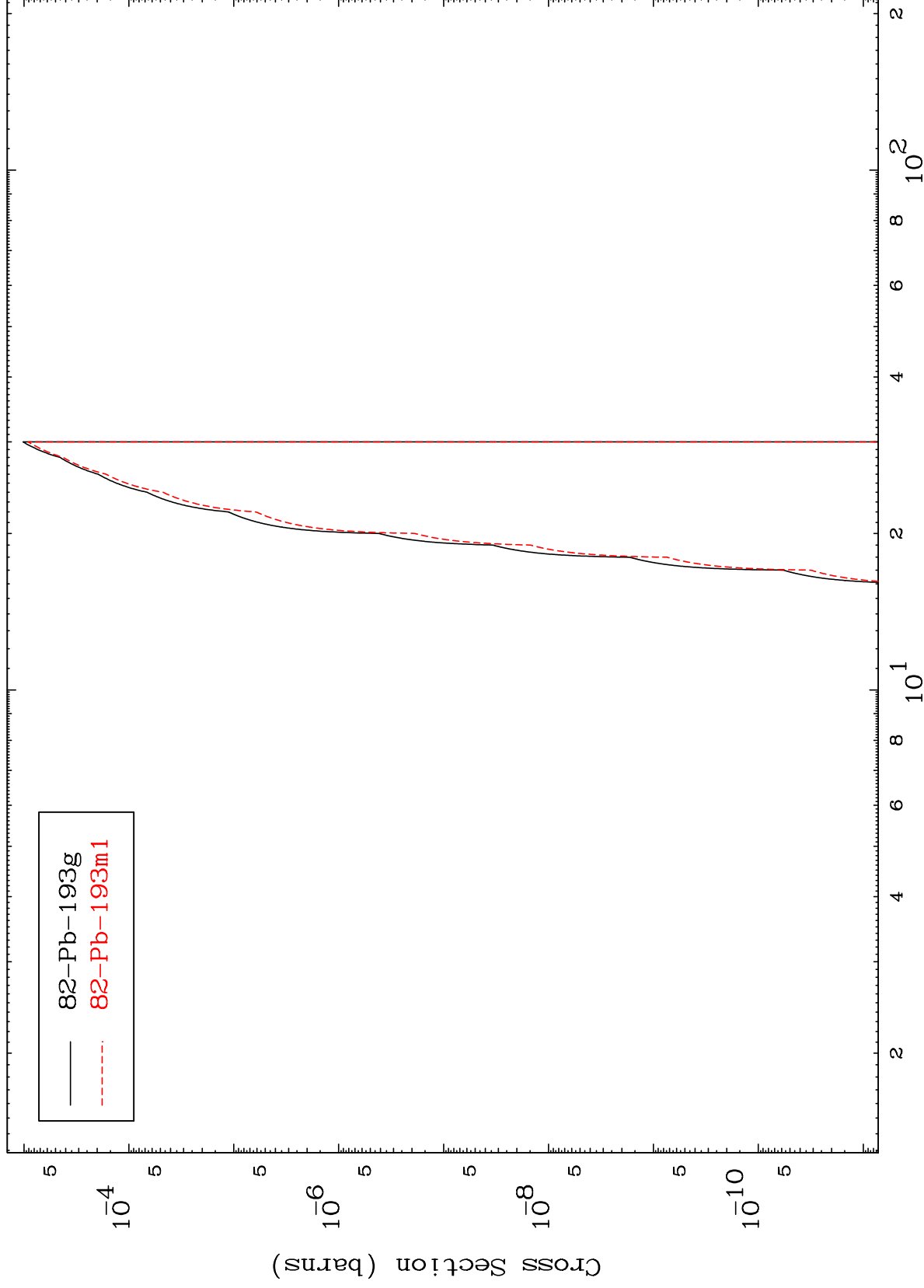
83-Bi-194

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$(\alpha, p) \alpha$

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

Radionuclide Production Cross Section



24

Incident Energy (MeV)

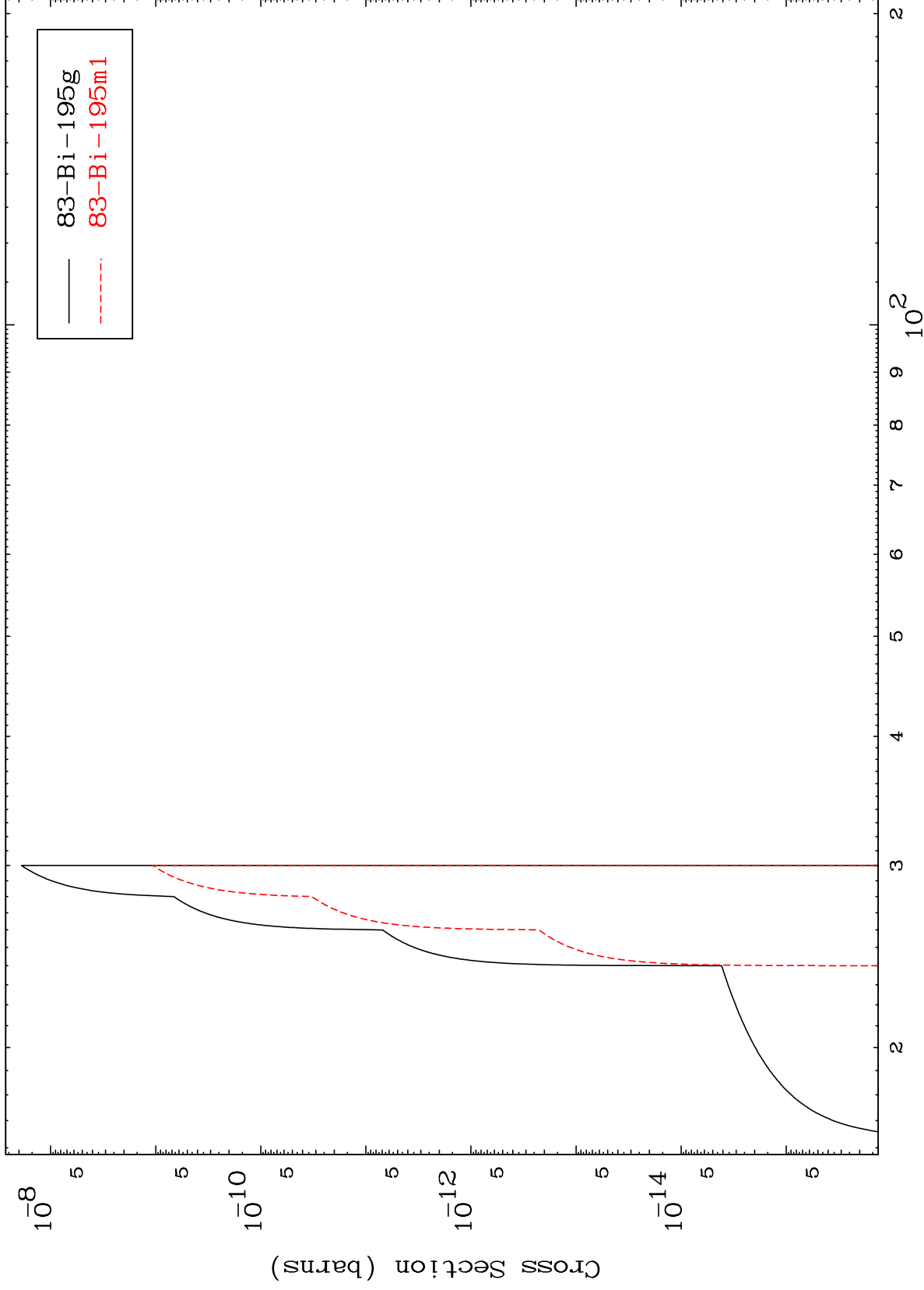
$^{83}\text{Bi}-^{194}$

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(α ,p) d

83-Bi-194

Radionuclide Production Cross Section



25

Incident Energy (MeV)

83-Bi-194