

Program EVALPLOT
(Version 2018-1)

by

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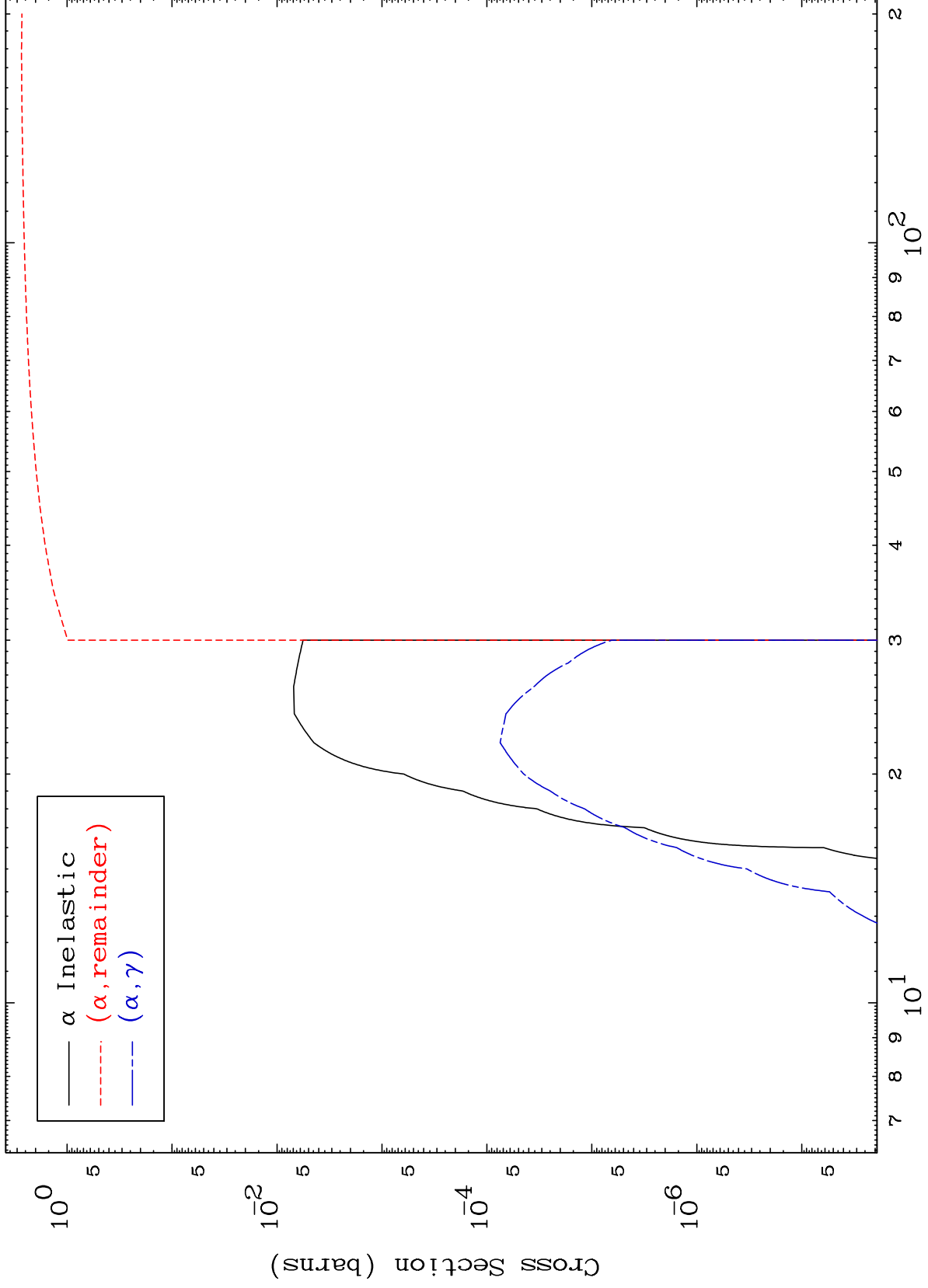
Press Mouse Button to Start

MAT 8282

0 Kelvin

α Major Cross Sections

83-Bi-194



1

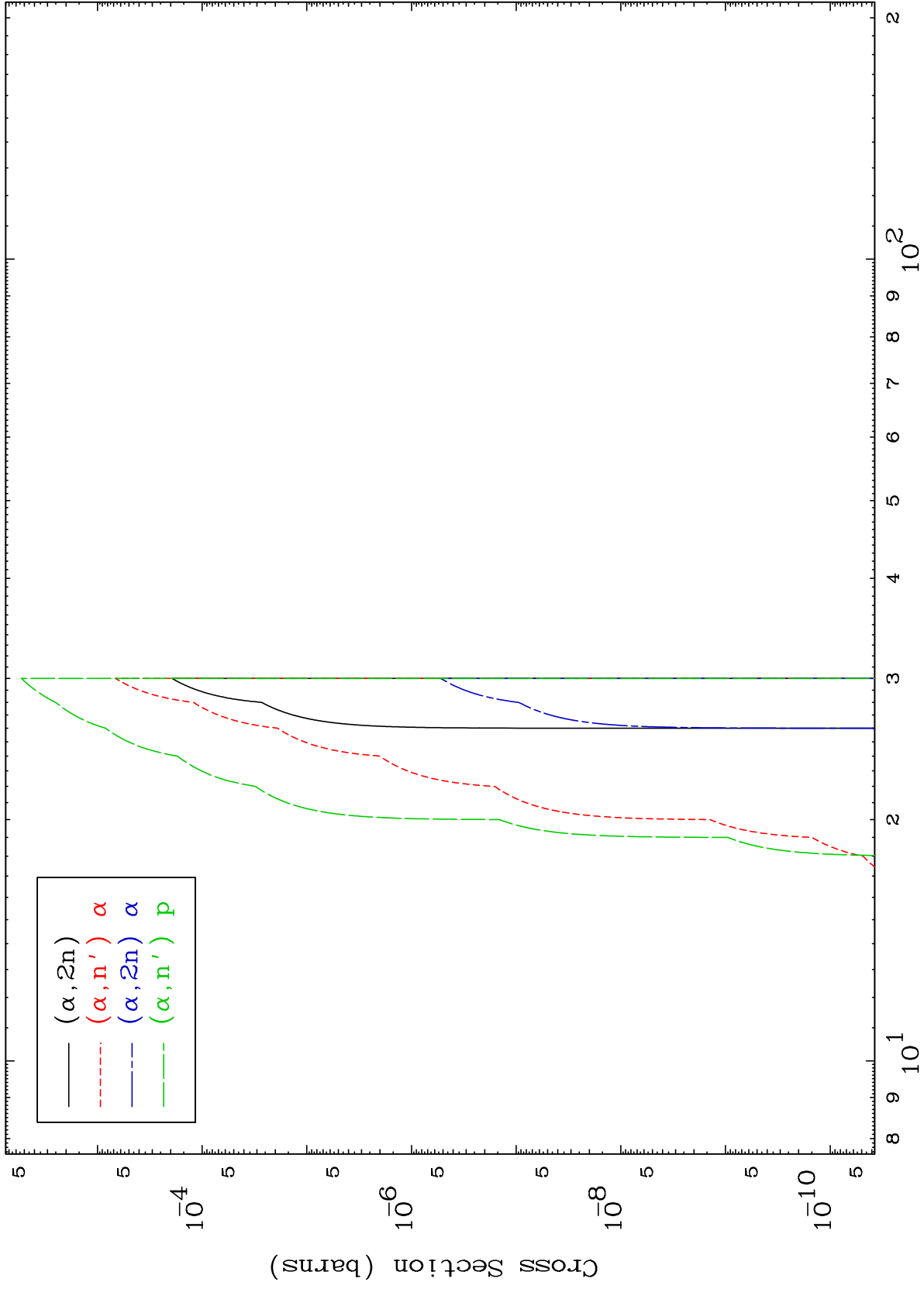
Incident Energy (MeV)

83-Bi-194

MAT 8282

α Neutron Production
0 Kelvin Cross Sections

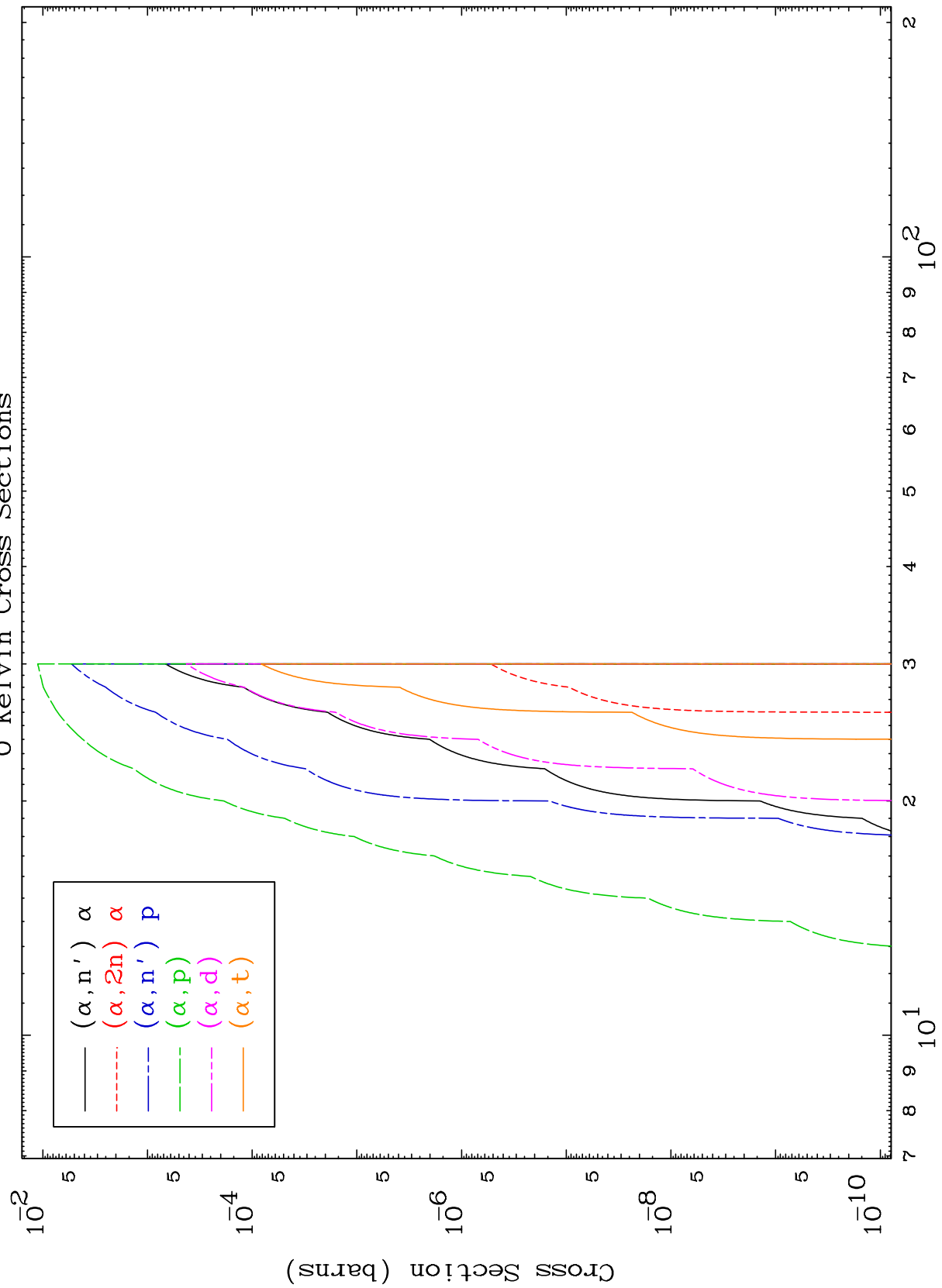
83-Bi-194

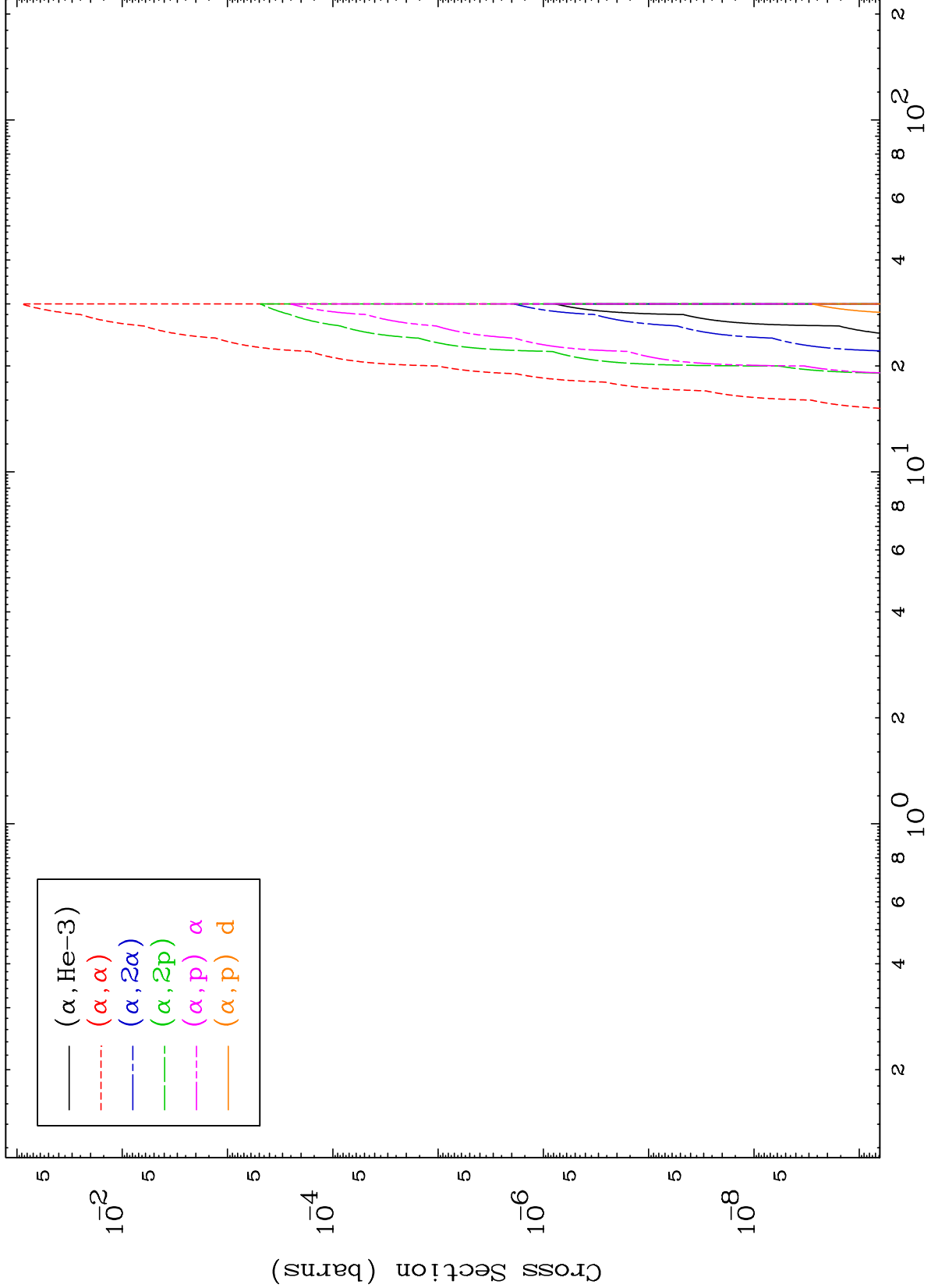


2

Incident Energy (MeV)

83-Bi-194

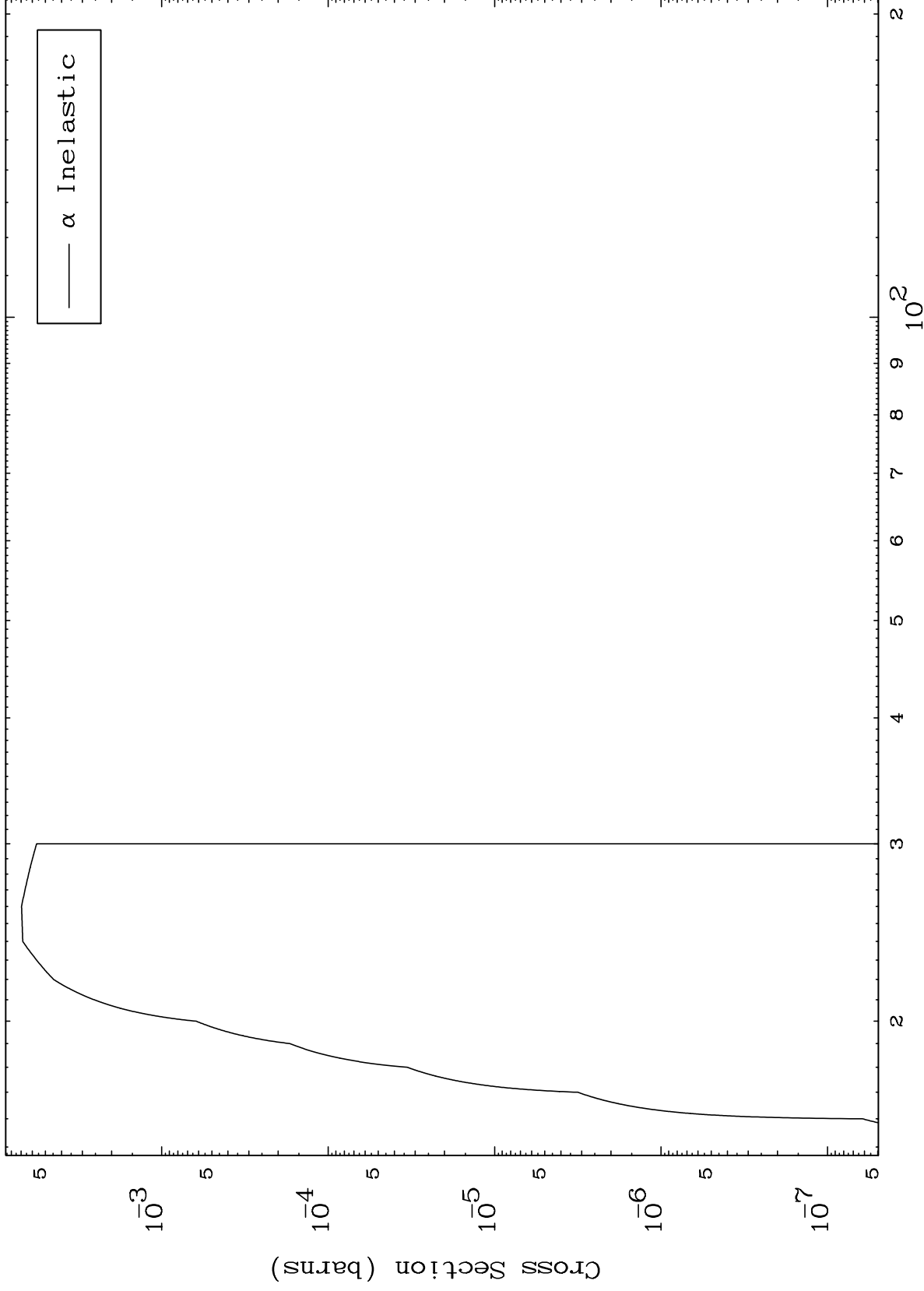




MAT 8282

(α, n') Level
0 Kelvin Cross Sections

83-Bi-194



— α Inelastic

5

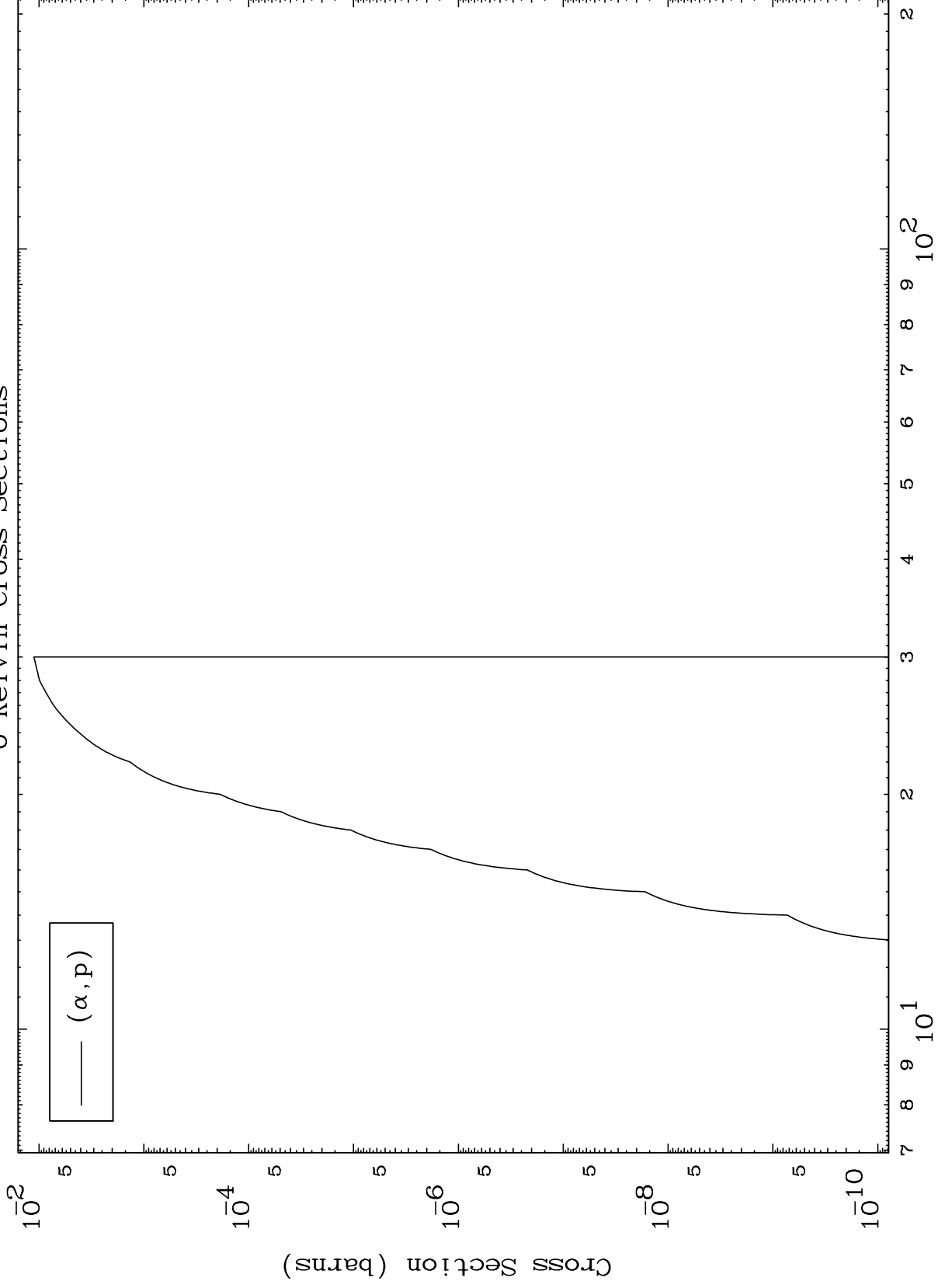
Incident Energy (MeV)

83-Bi-194

MAT 8282

(α, p) Levels
0 Kelvin Cross Sections

83-Bi-194



6

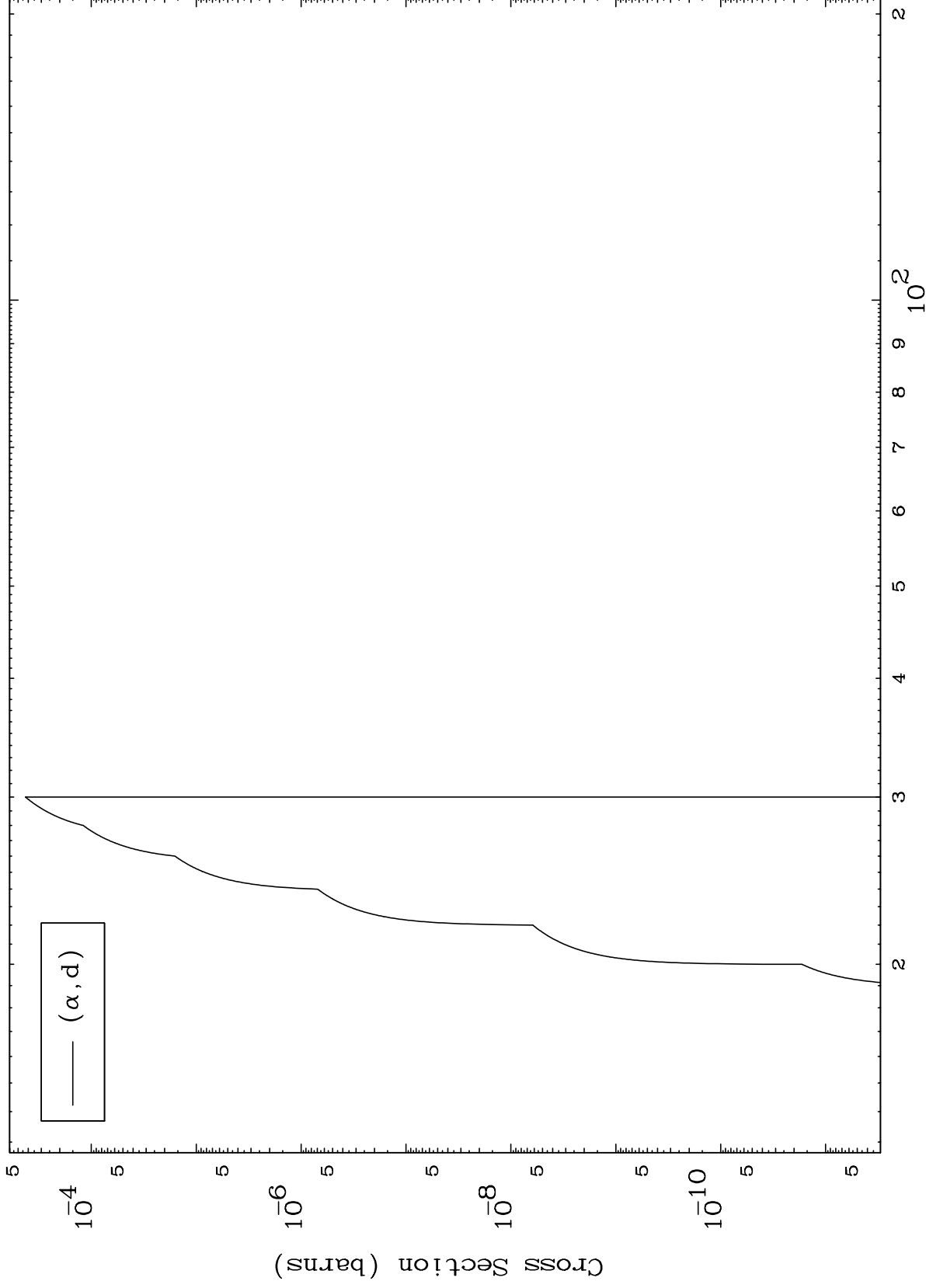
Incident Energy (MeV)

83-Bi-194

MAT 8282

(α, d) Levels
0 Kelvin Cross Sections

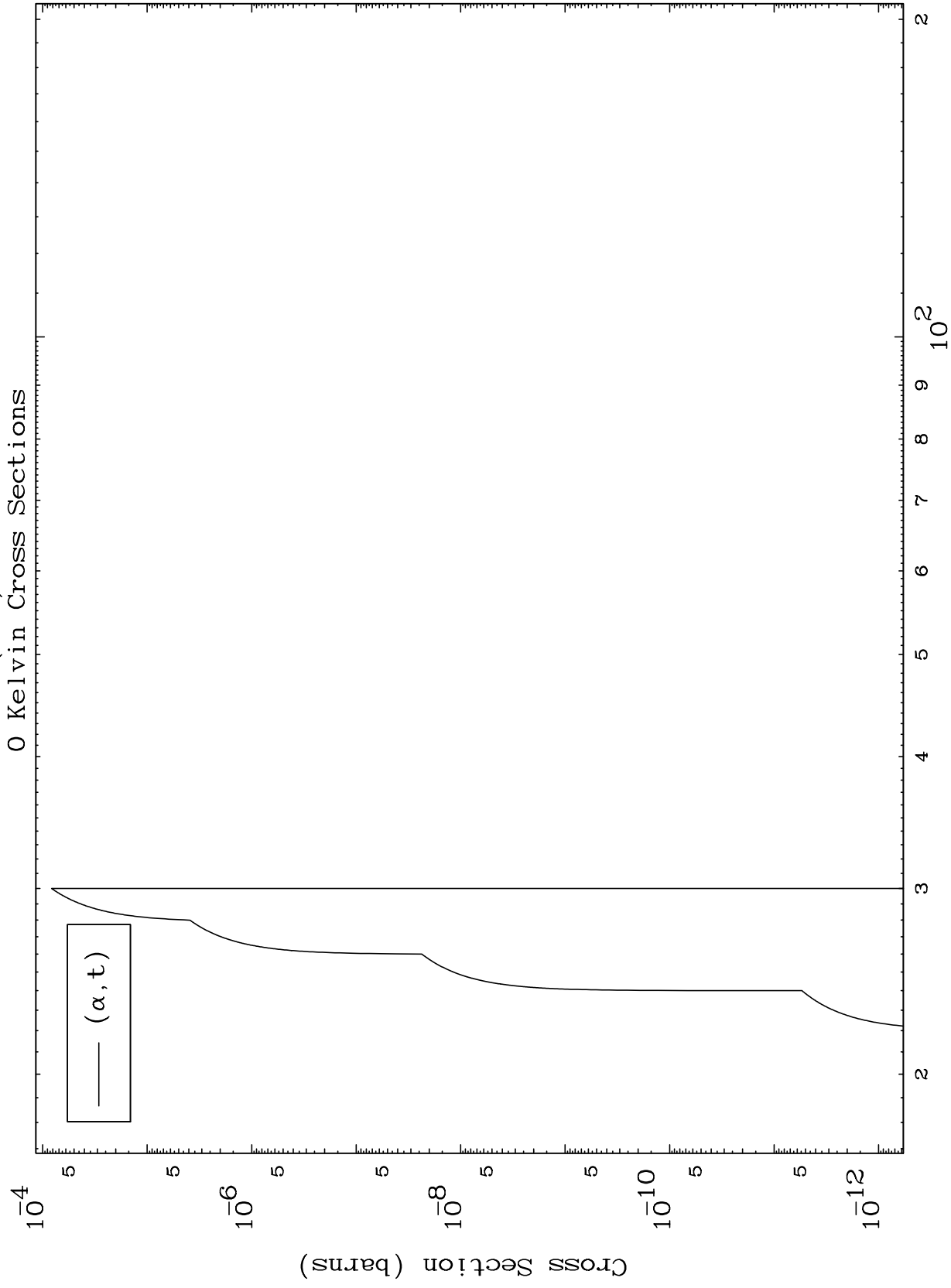
83-Bi-194



MAT 8282

83-Bi-194

(α, t) Levels
0 Kelvin Cross Sections



8

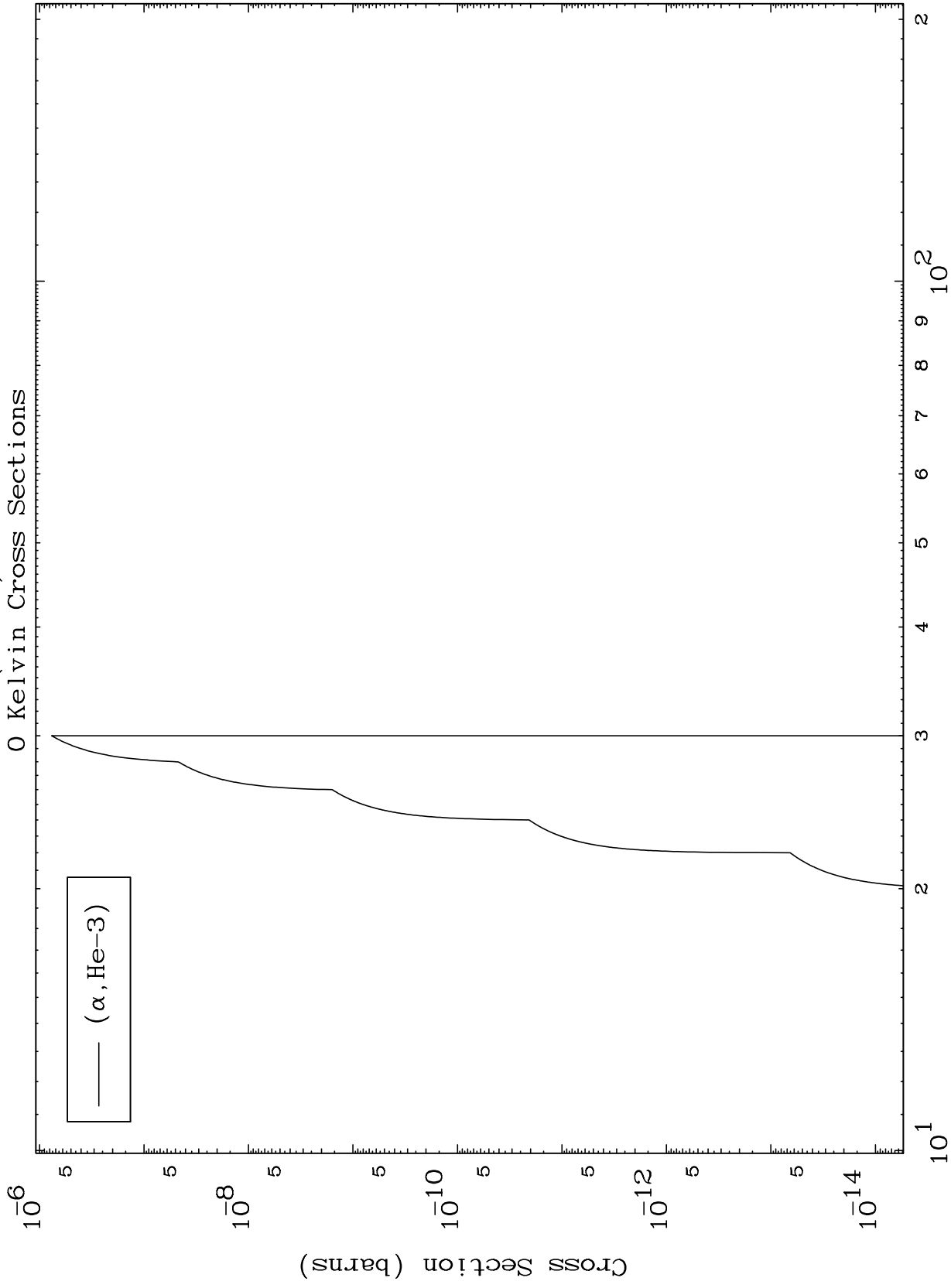
Incident Energy (MeV)

83-Bi-194

MAT 8282

(α , He3) Levels
0 Kelvin Cross Sections

83-Bi-194



Incident Energy (MeV)

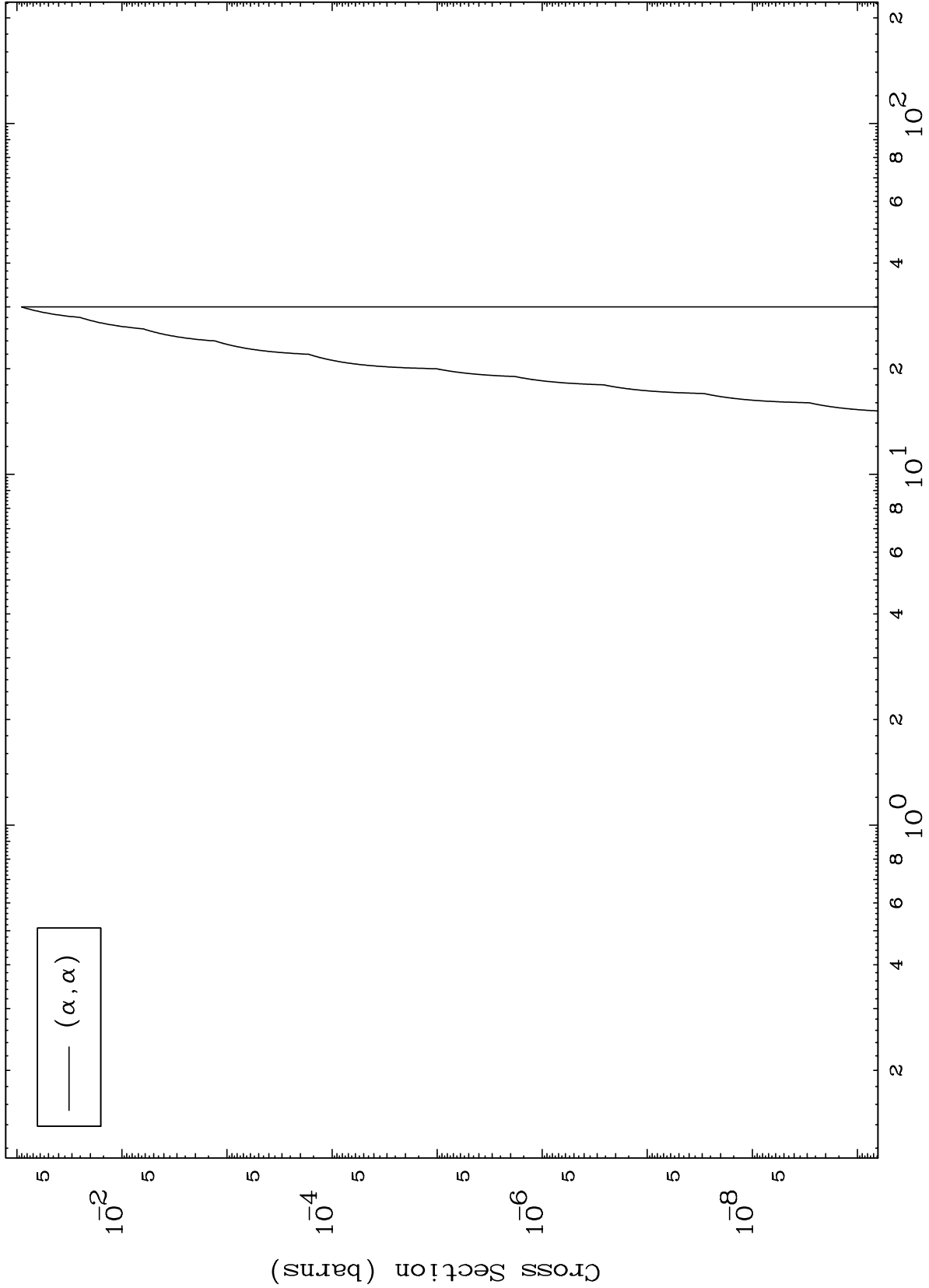
83-Bi-194

MAT 8282

(α, α) Levels

83-Bi-194

0 Kelvin Cross Sections

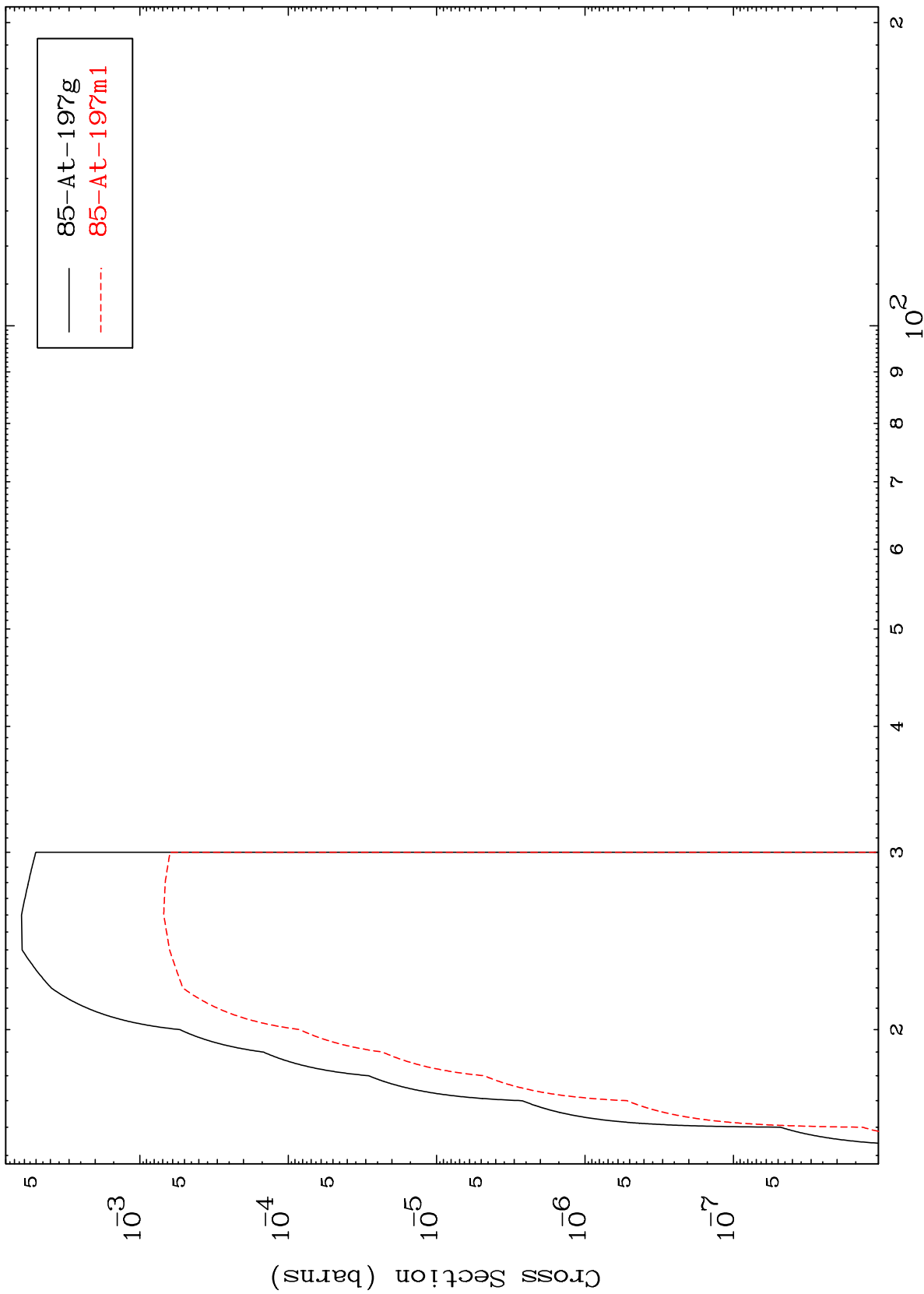


10

Incident Energy (MeV)

83-Bi-194

α Inelastic
Radionuclide Production Cross Section

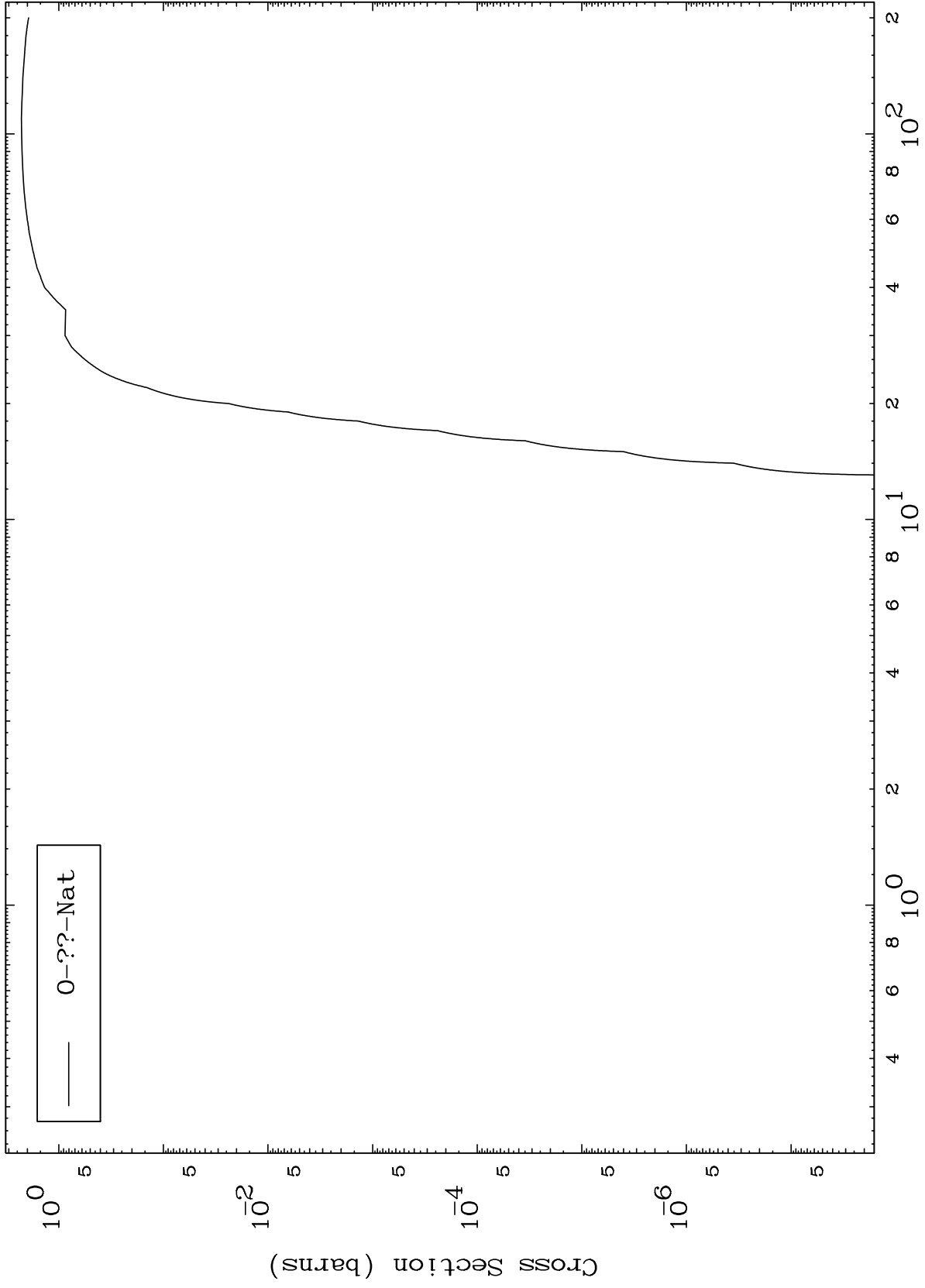


MAT 8282

83-Bi-194

α Fission

Radionuclide Production Cross Section

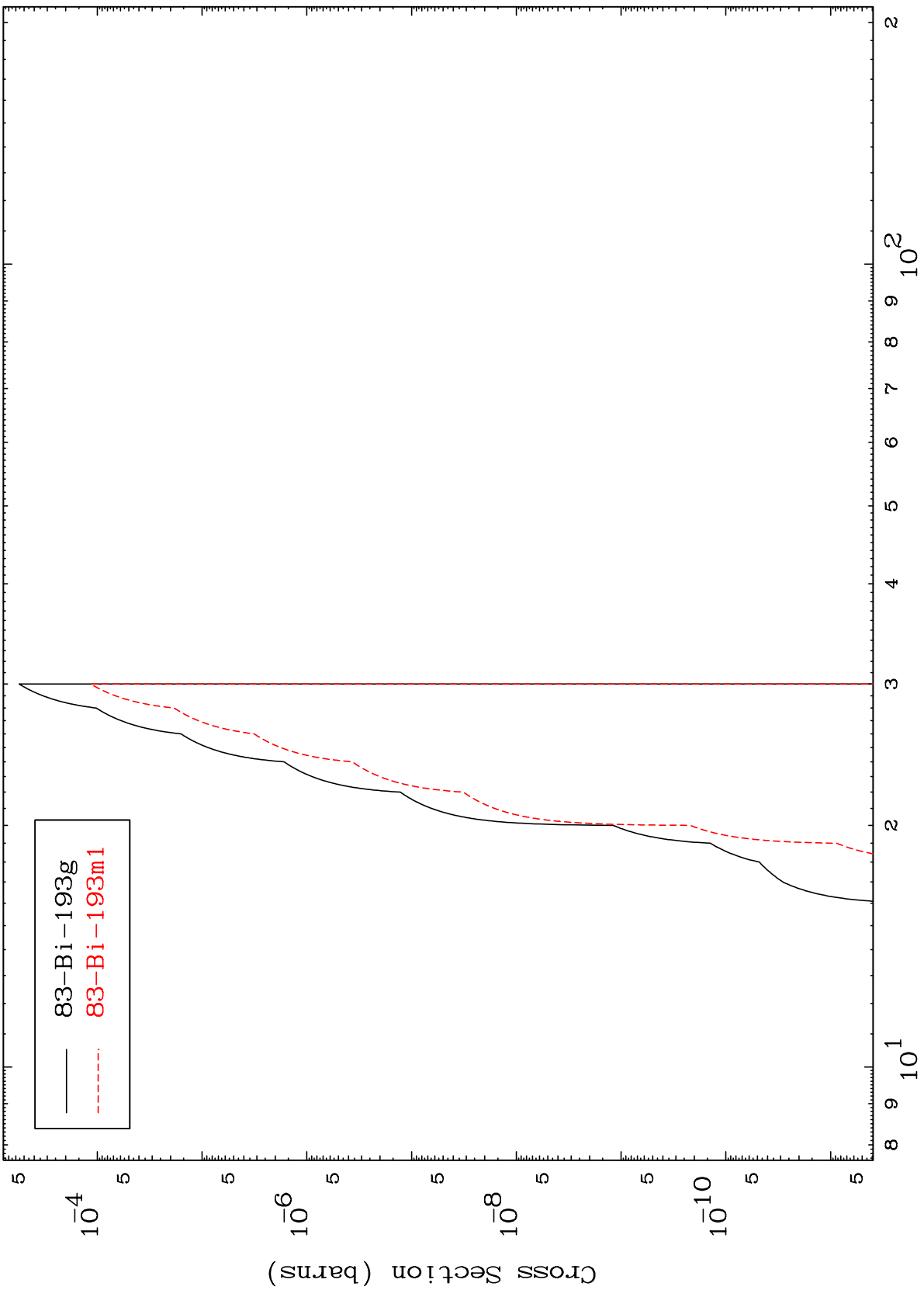


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(α, n') α

83-Bi-194

Radionuclide Production Cross Section



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

13

Incident Energy (MeV)

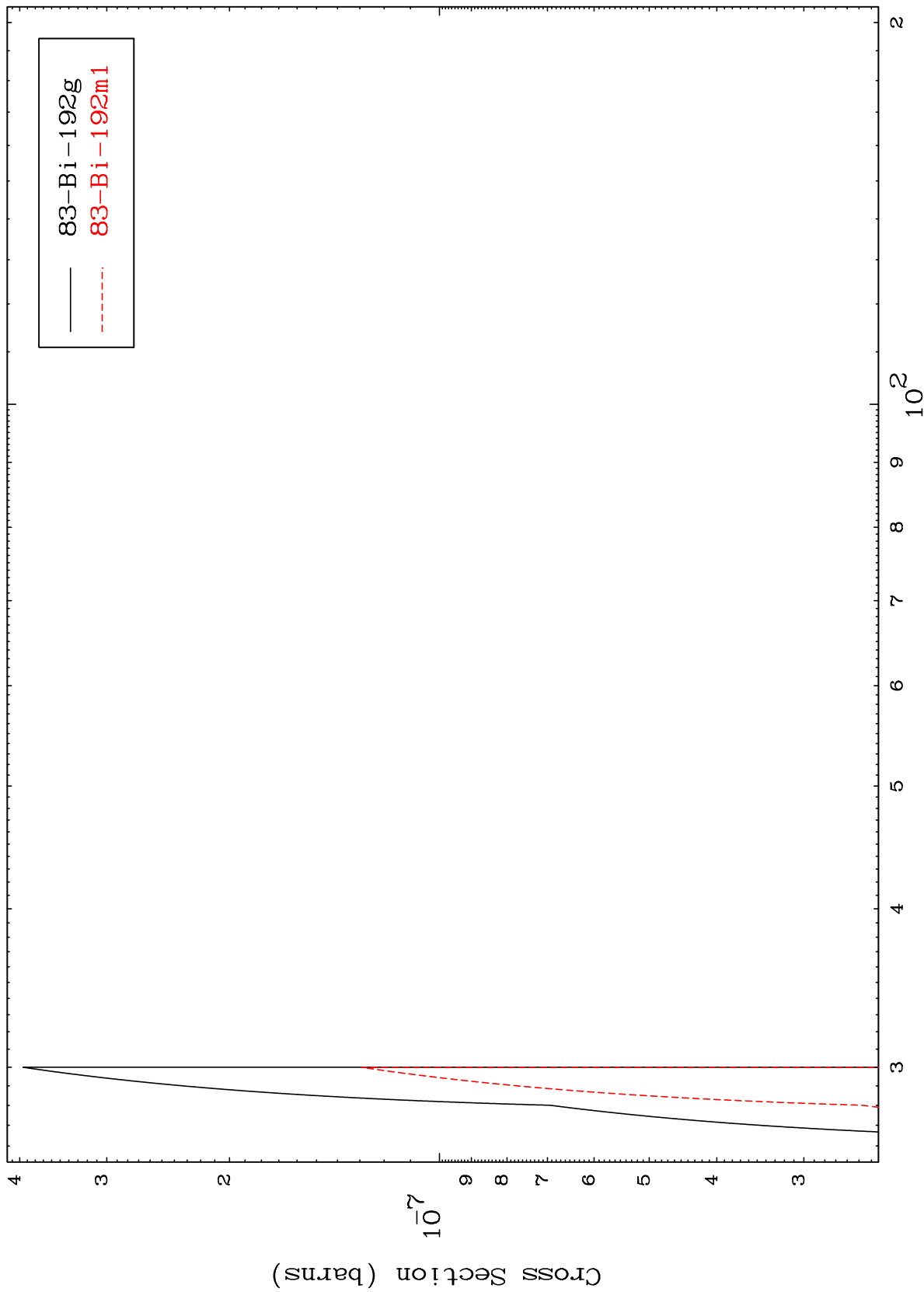
83-Bi-194

MAT 8282

83-Bi-194

$(\alpha, 2n) \alpha$

Radionuclide Production Cross Section



83-Bi-192g
83-Bi-192m1

83-Bi-194

Incident Energy (MeV)

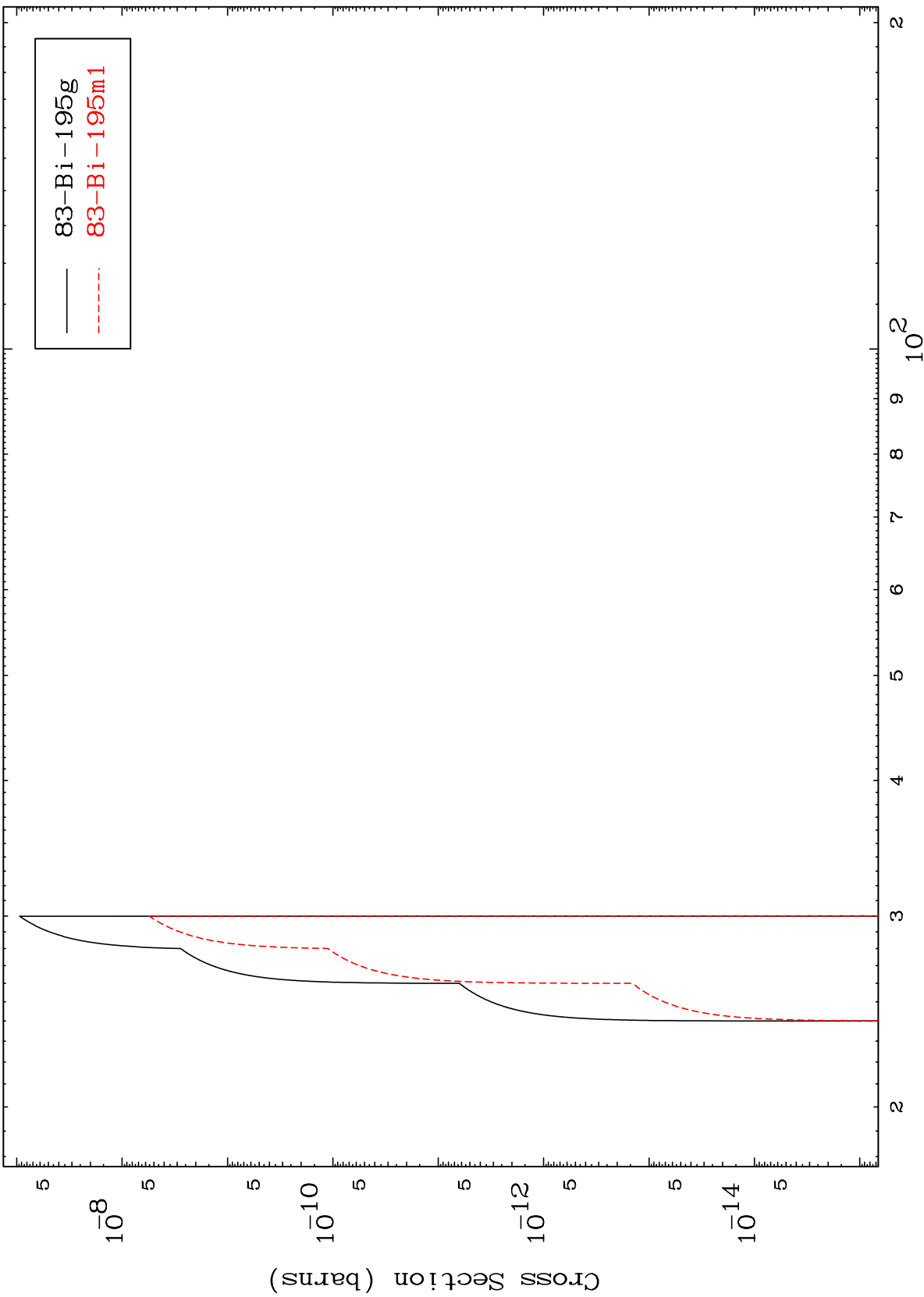
14

MAT 8282

$(\alpha, 2n)$ p

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

Radionuclide Production Cross Section



15

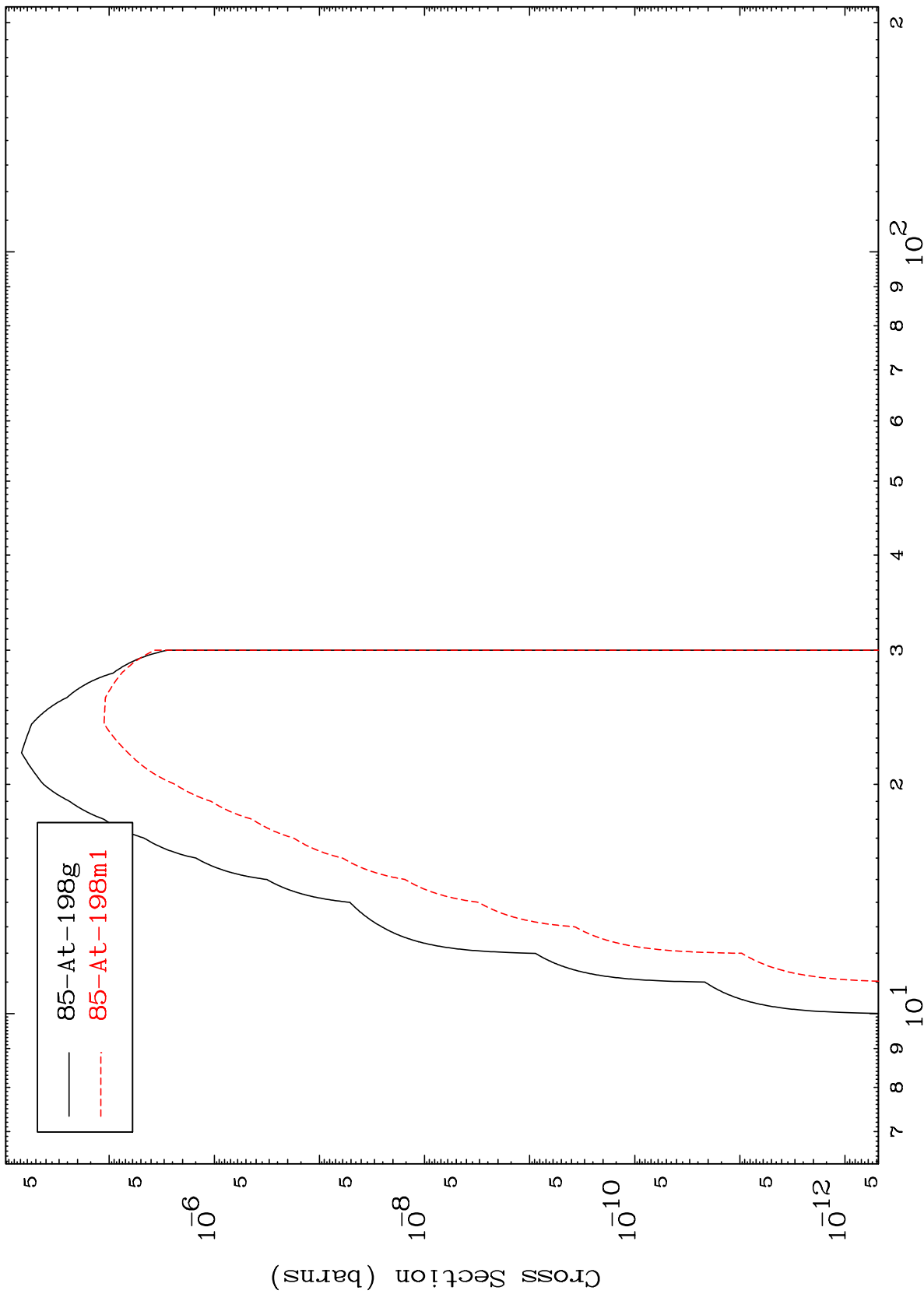
Incident Energy (MeV)

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

MAT 8282

83-Bi-194

(α, γ)
Radionuclide Production Cross Section



16

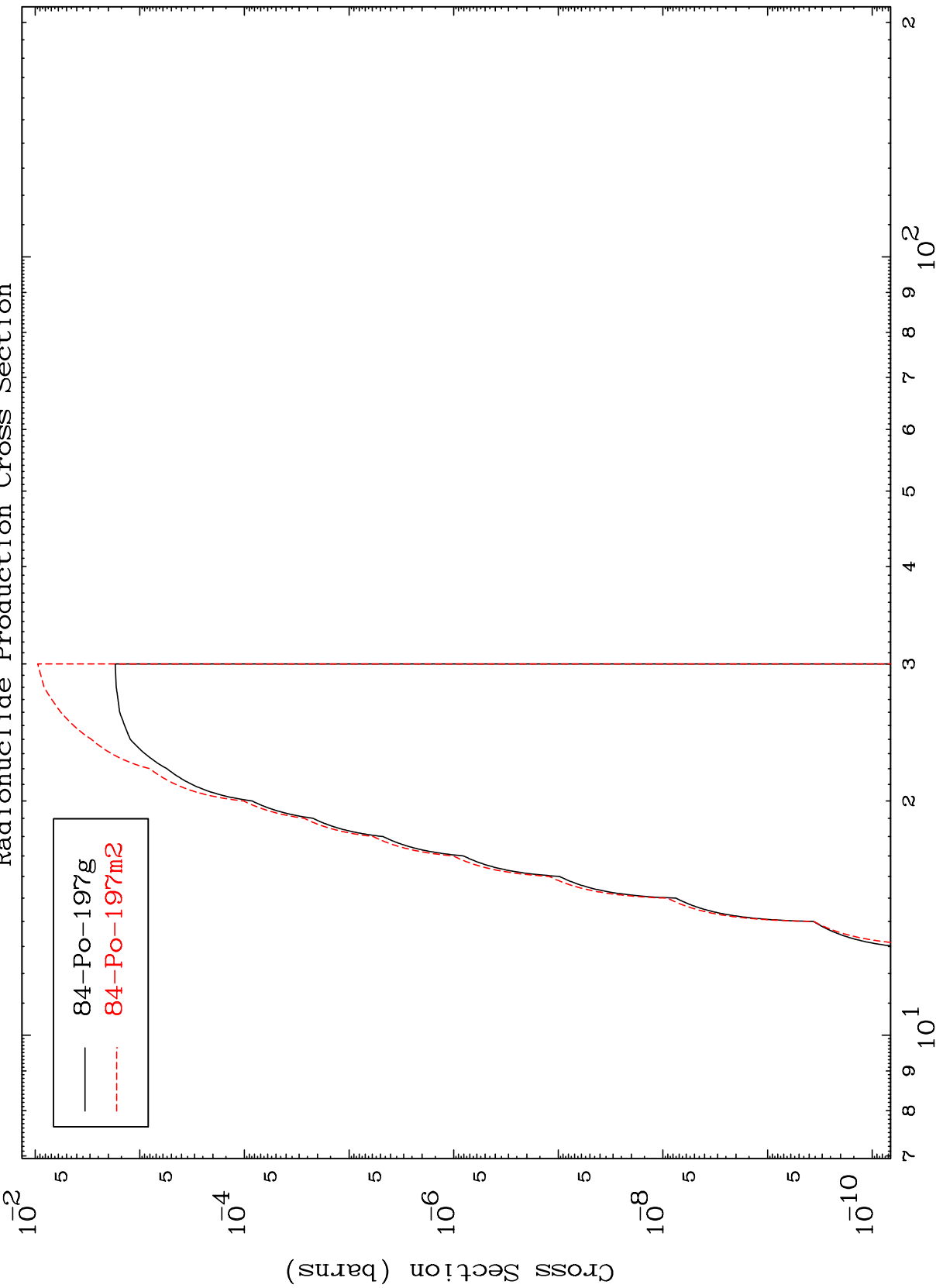
Incident Energy (MeV)

83-Bi-194

MAT 8282

83-Bi-194

(α, p)
Radionuclide Production Cross Section

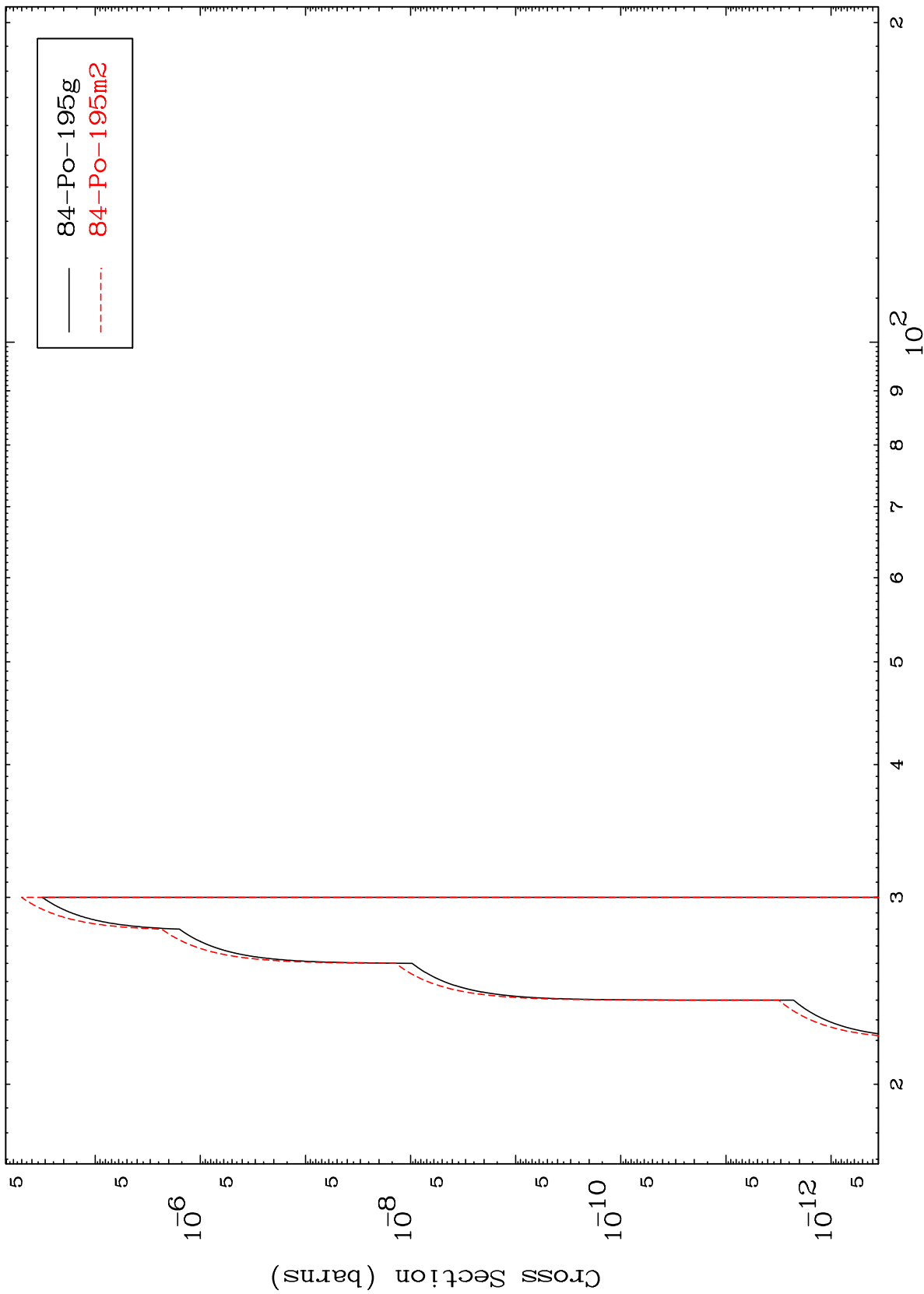


17

Incident Energy (MeV)

83-Bi-194

(α, t)
Radionuclide Production Cross Section

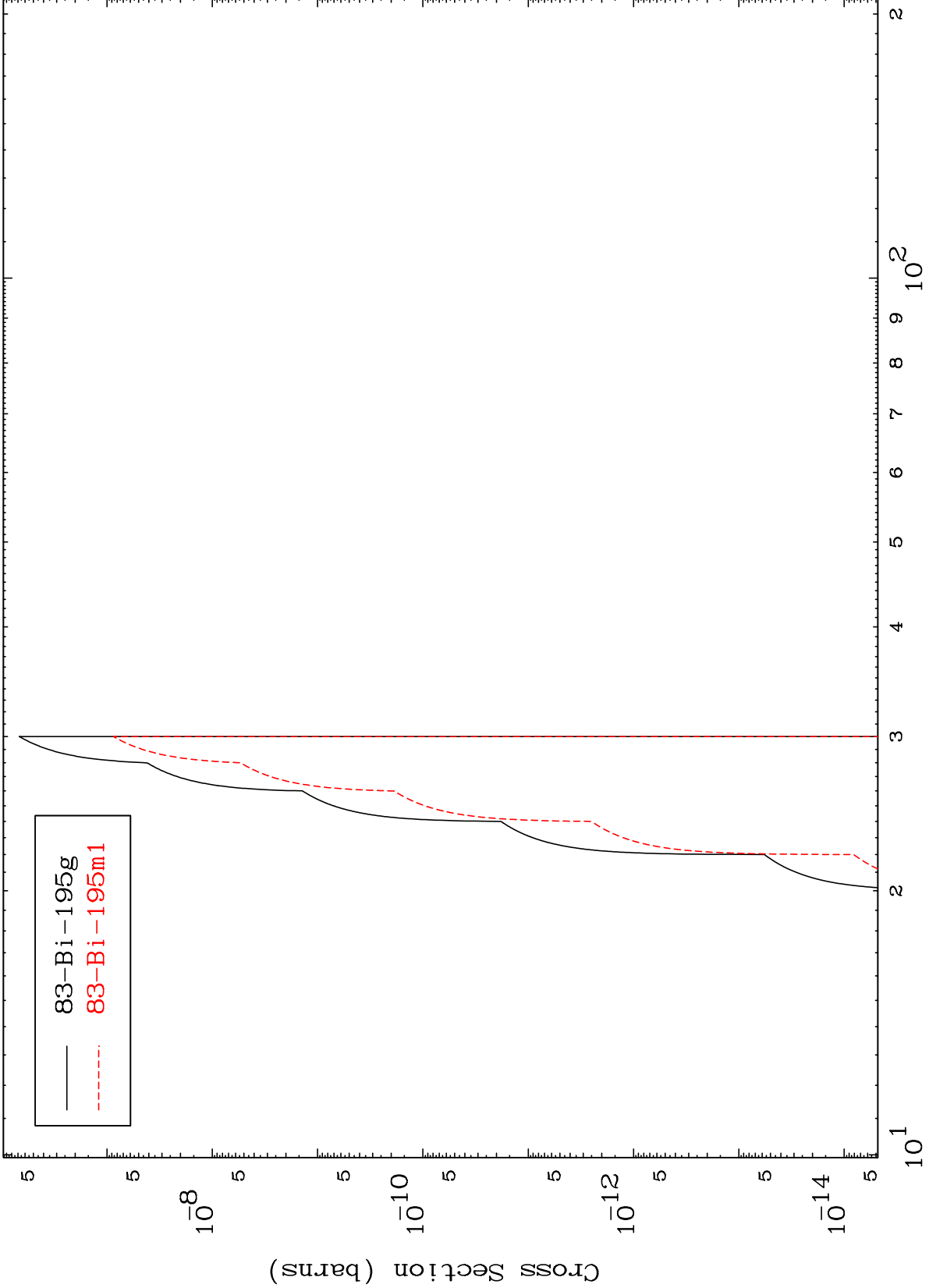


MAT 8282

(α ,He-3)

83-Bi-194

Radionuclide Production Cross Section



19

Incident Energy (MeV)

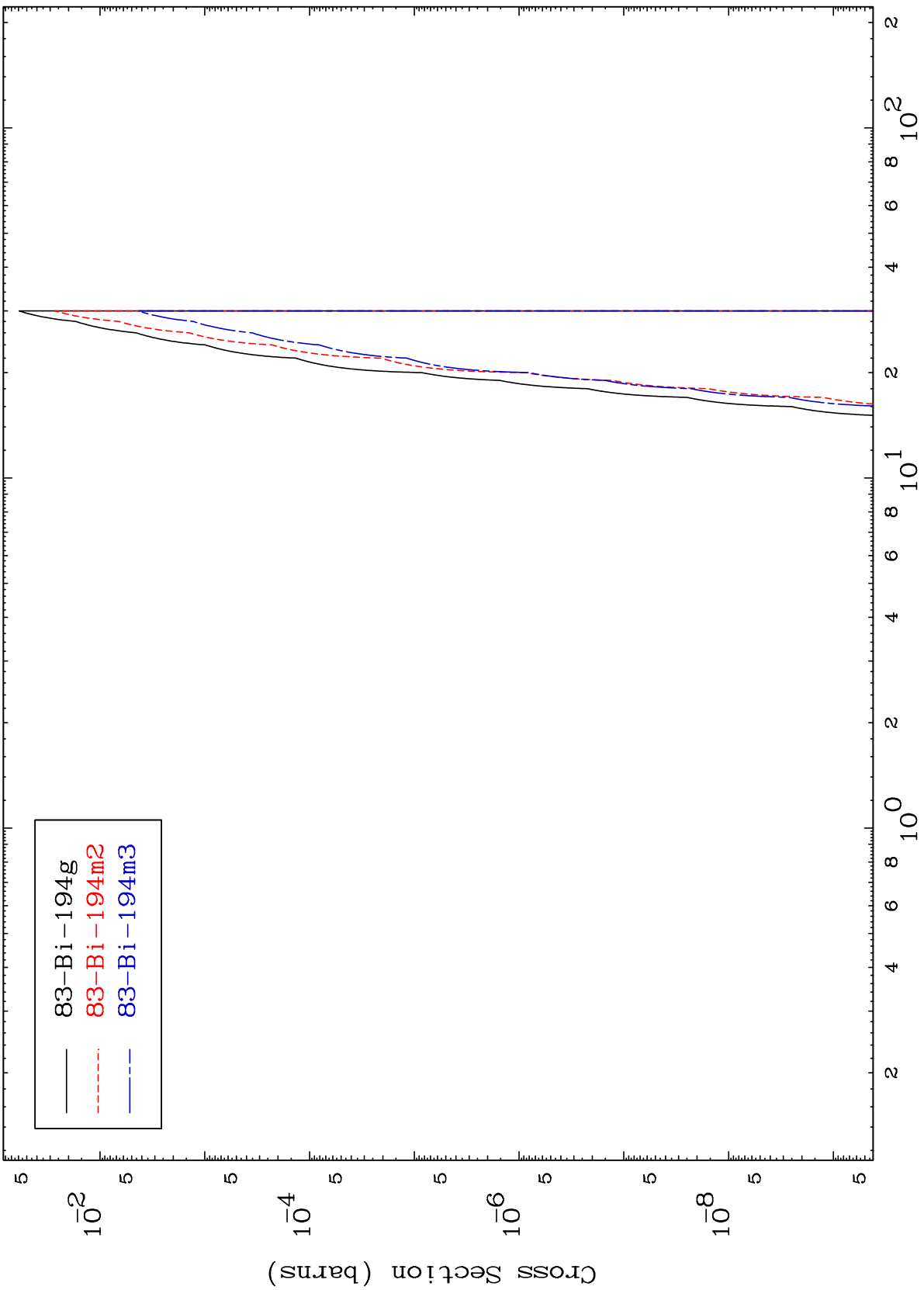
83-Bi-194

MAT 8282

83-Bi-194

(α, α)

Radionuclide Production Cross Section



83-Bi-194

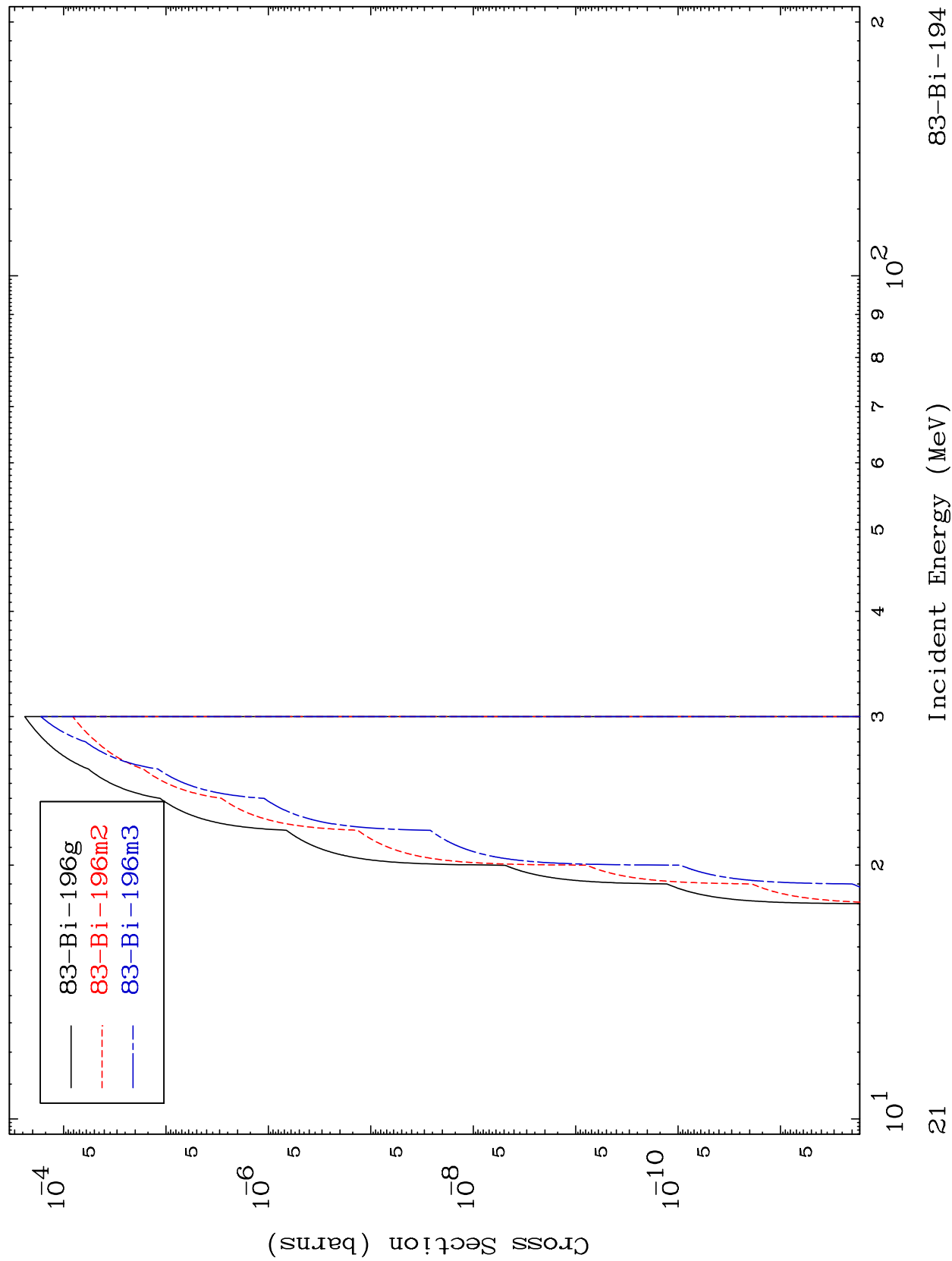
Incident Energy (MeV)

20

MAT 8282

83-Bi-194

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

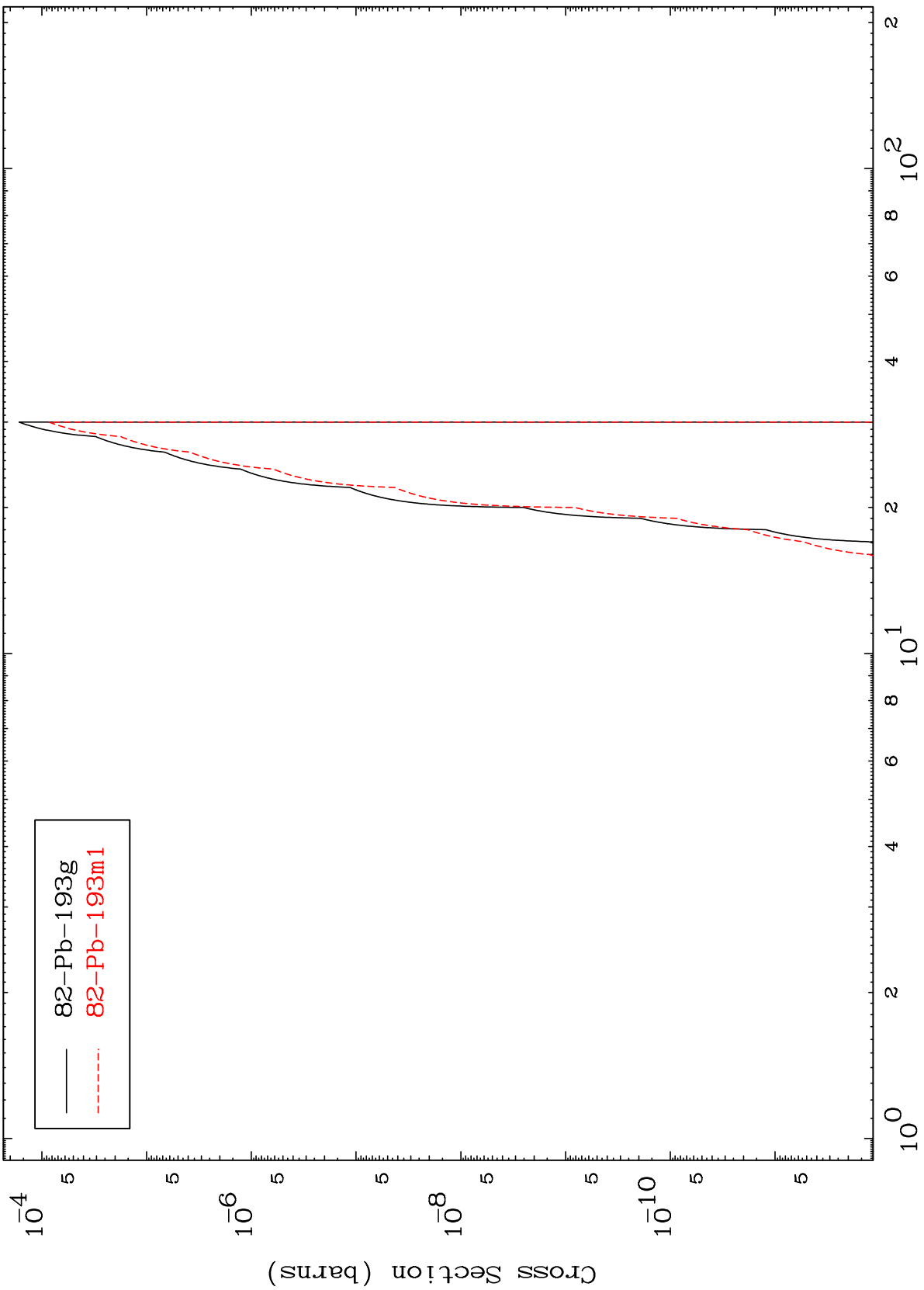


MAT 8282

(α, p) α

83-Bi-194

Radionuclide Production Cross Section



82-Pb-193g
82-Pb-193m1

Incident Energy (MeV)

83-Bi-194

22

Radionuclide Production Cross Section

