

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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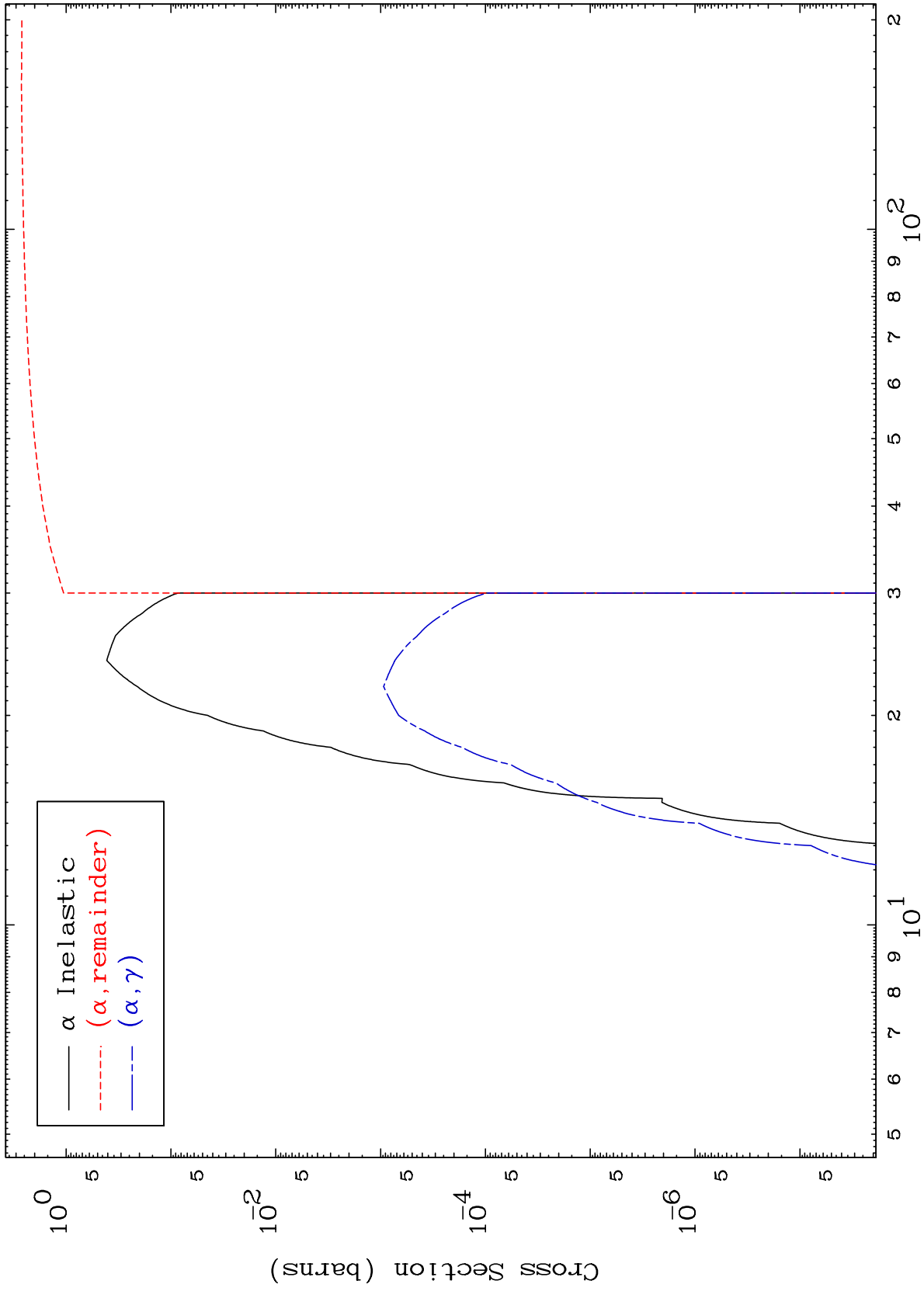
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8099

0 Kelvin  $\alpha$  Major  
Cross Sections

81-Tl-194



1

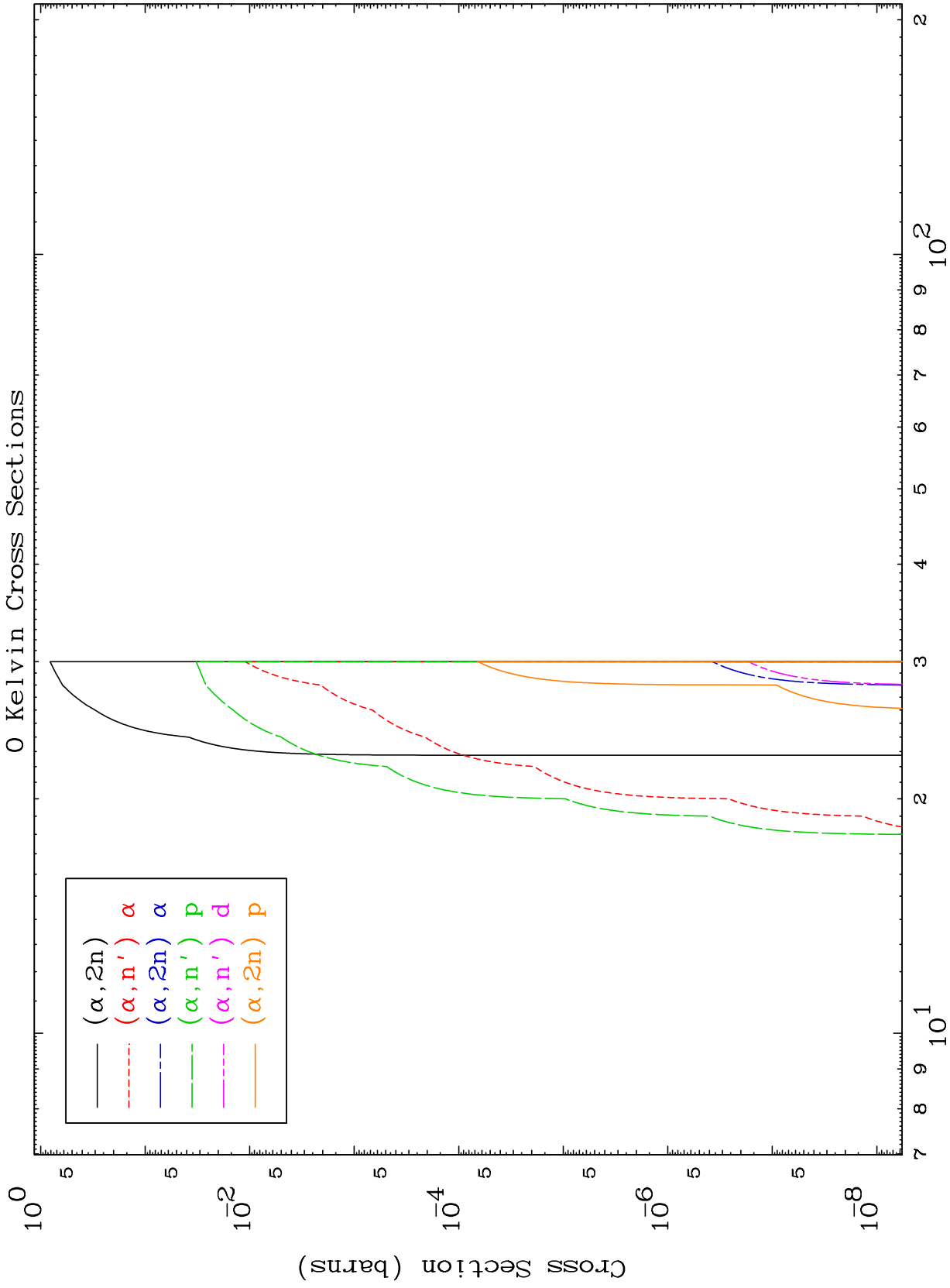
Incident Energy (MeV)

81-Tl-194

MAT 8099

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

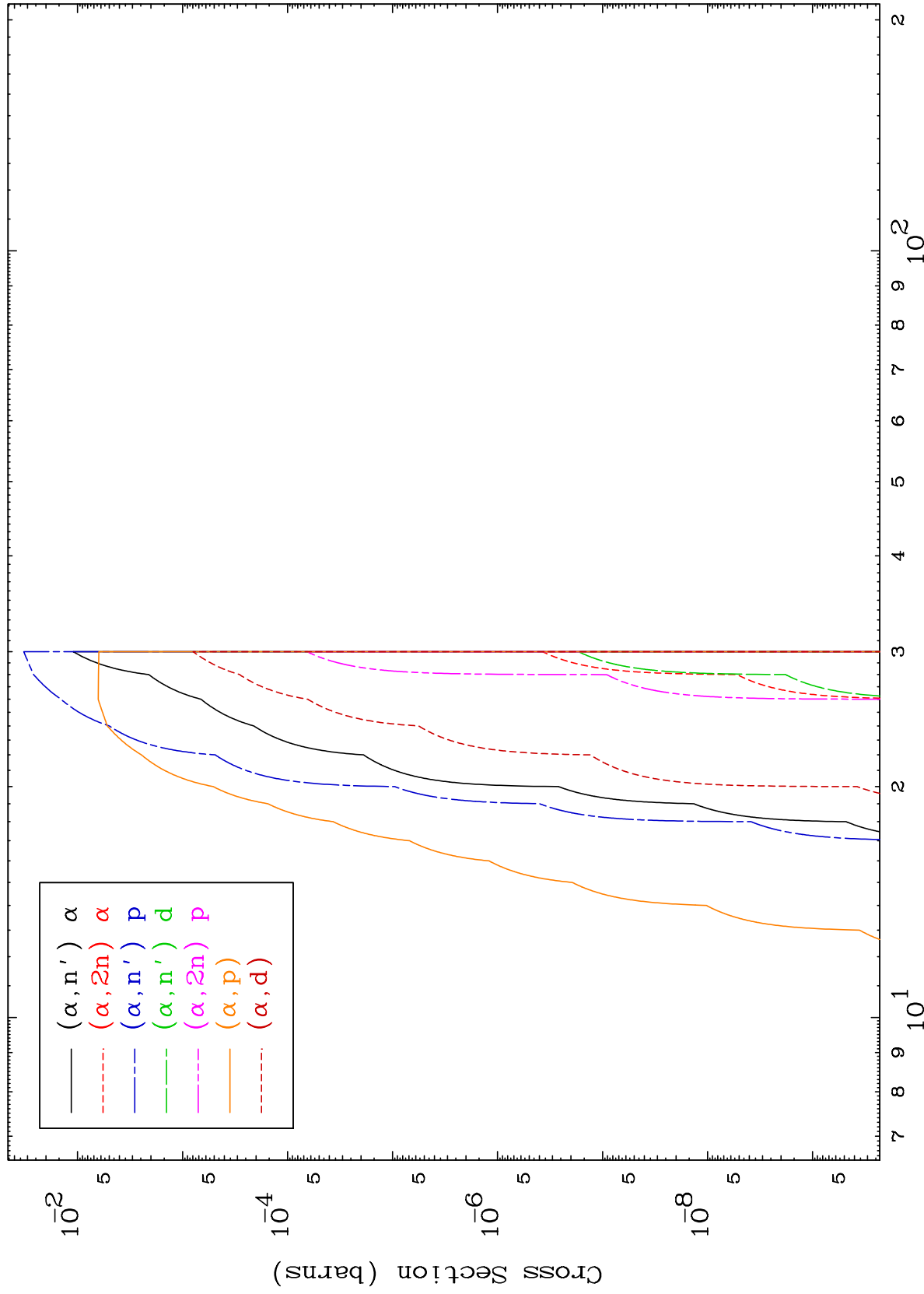
81-Tl-194



2

Incident Energy (MeV)

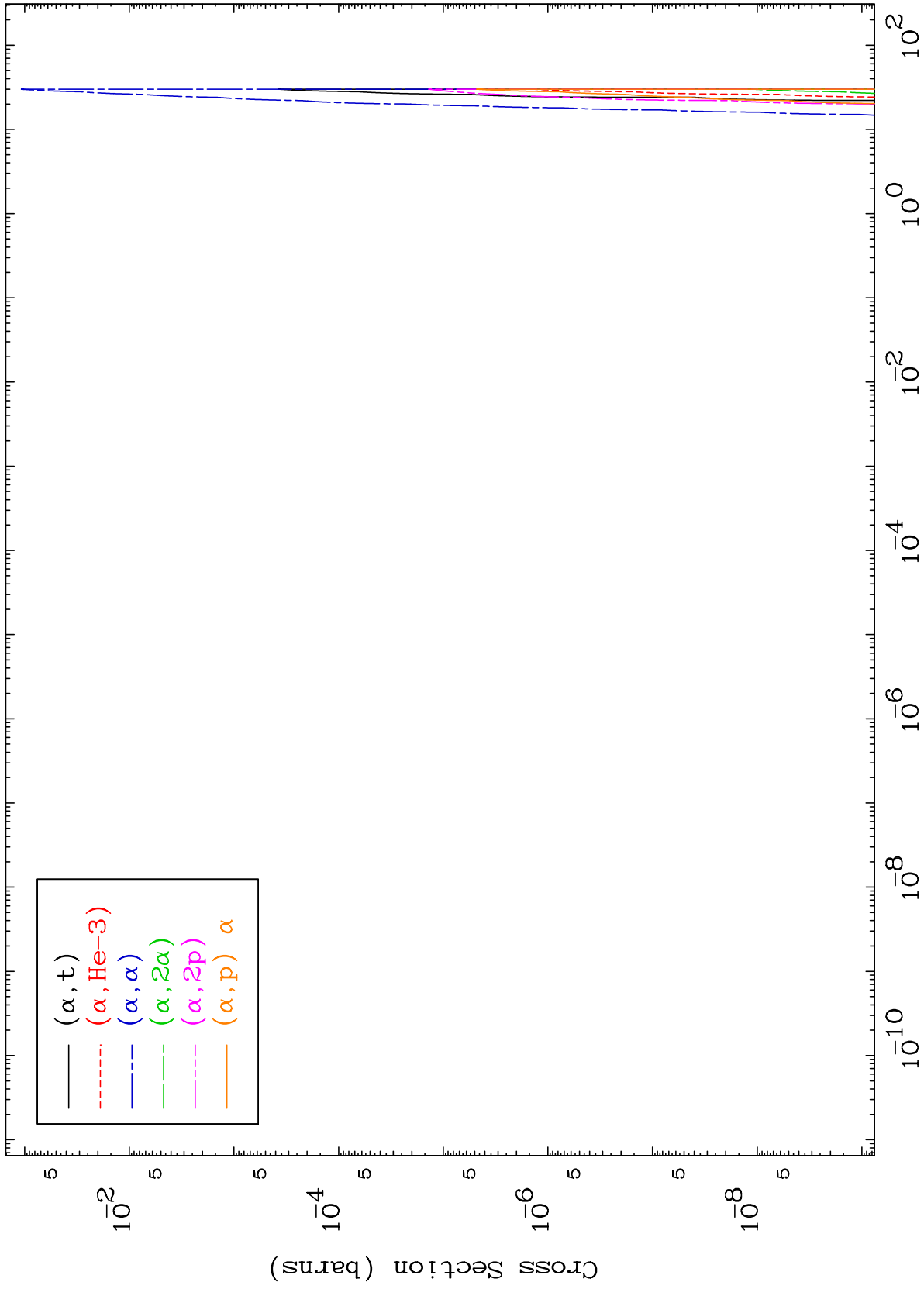
81-Tl-194



MAT 8099

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

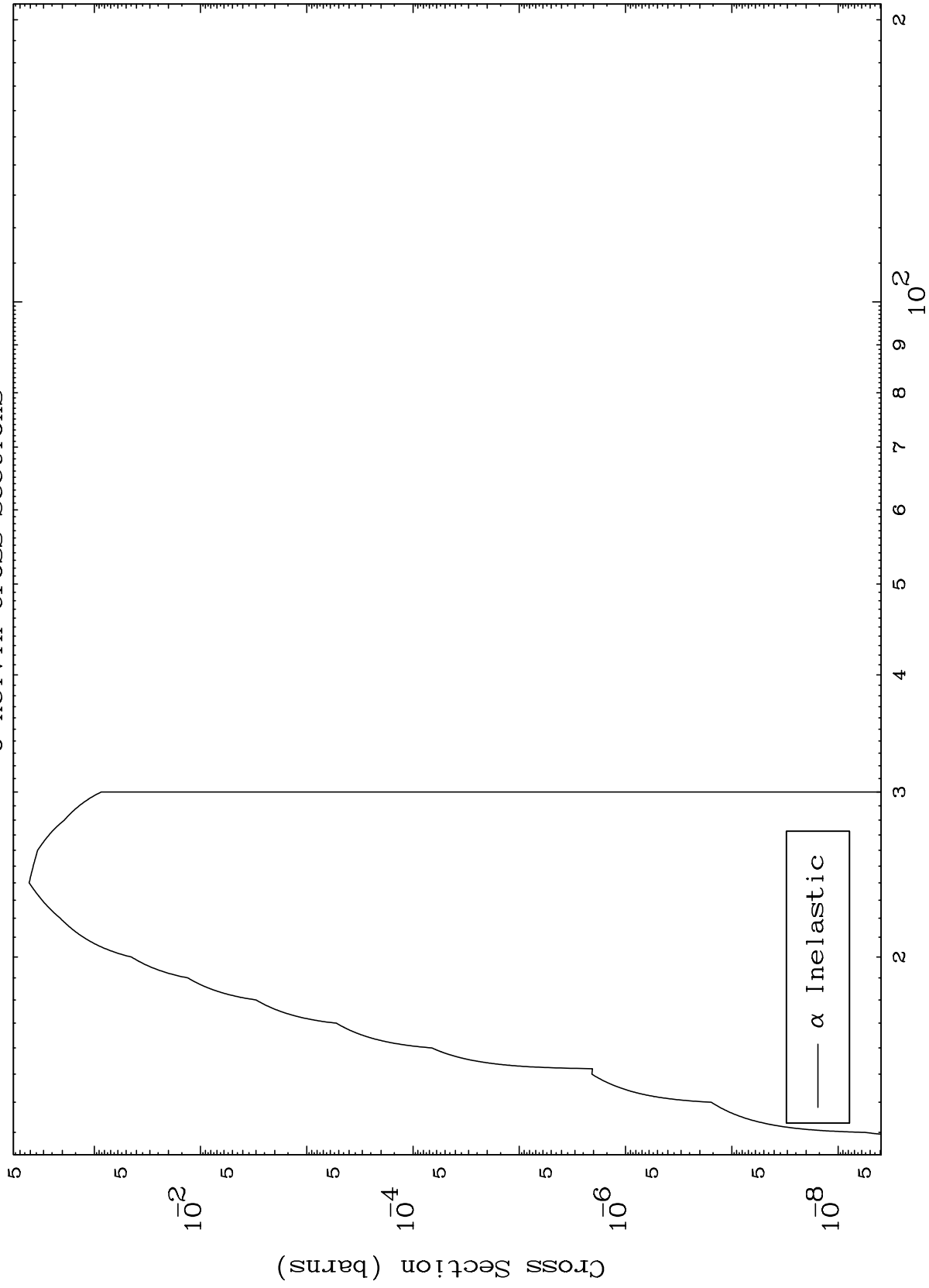
81-Tl-194



MAT 8099

( $\alpha, n'$ ) Level  
0 Kelvin Cross Sections

81-T1-194



5

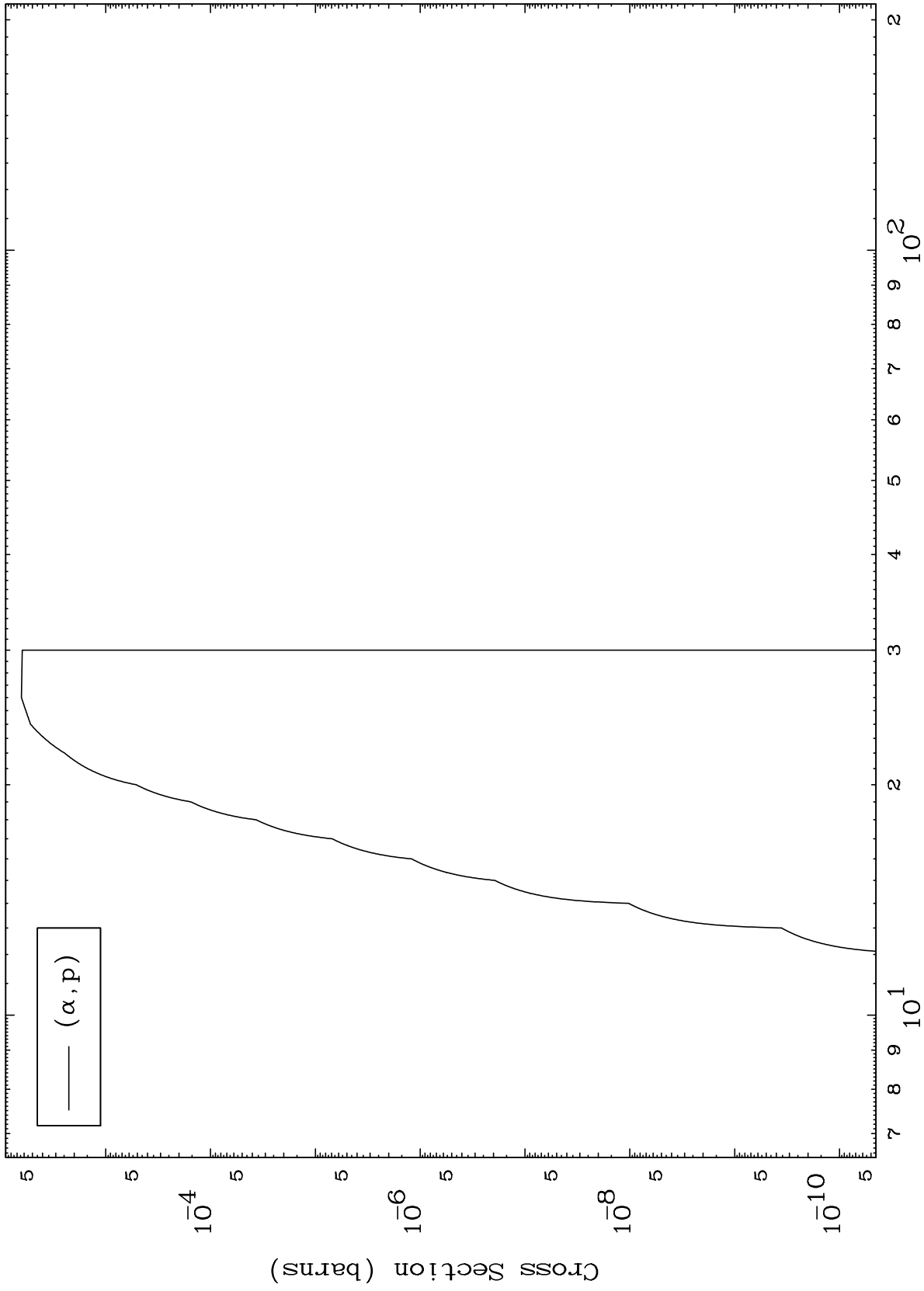
Incident Energy (MeV)

81-T1-194

MAT 8099

( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections

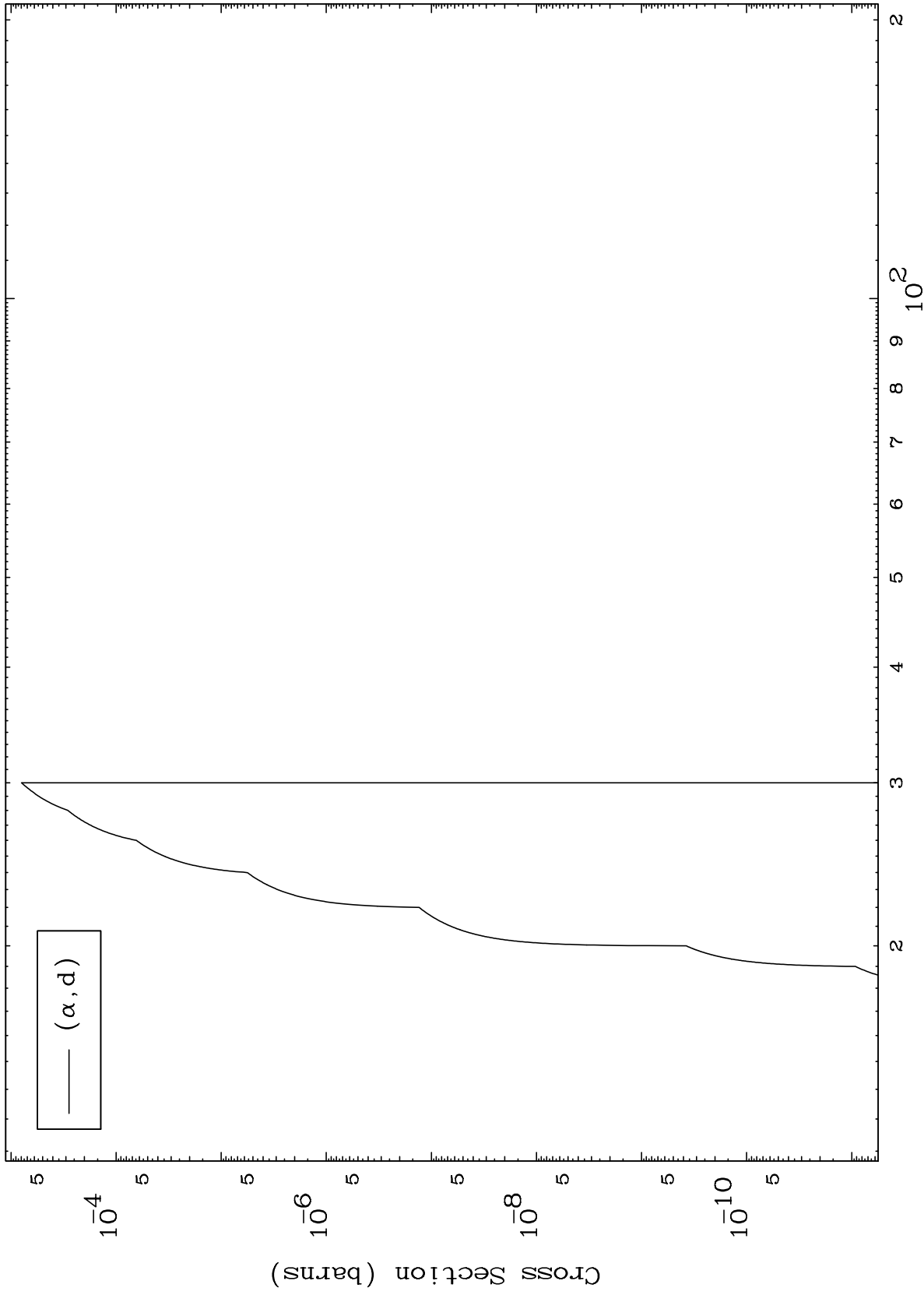
81-T1-194



6

Incident Energy (MeV)

81-T1-194

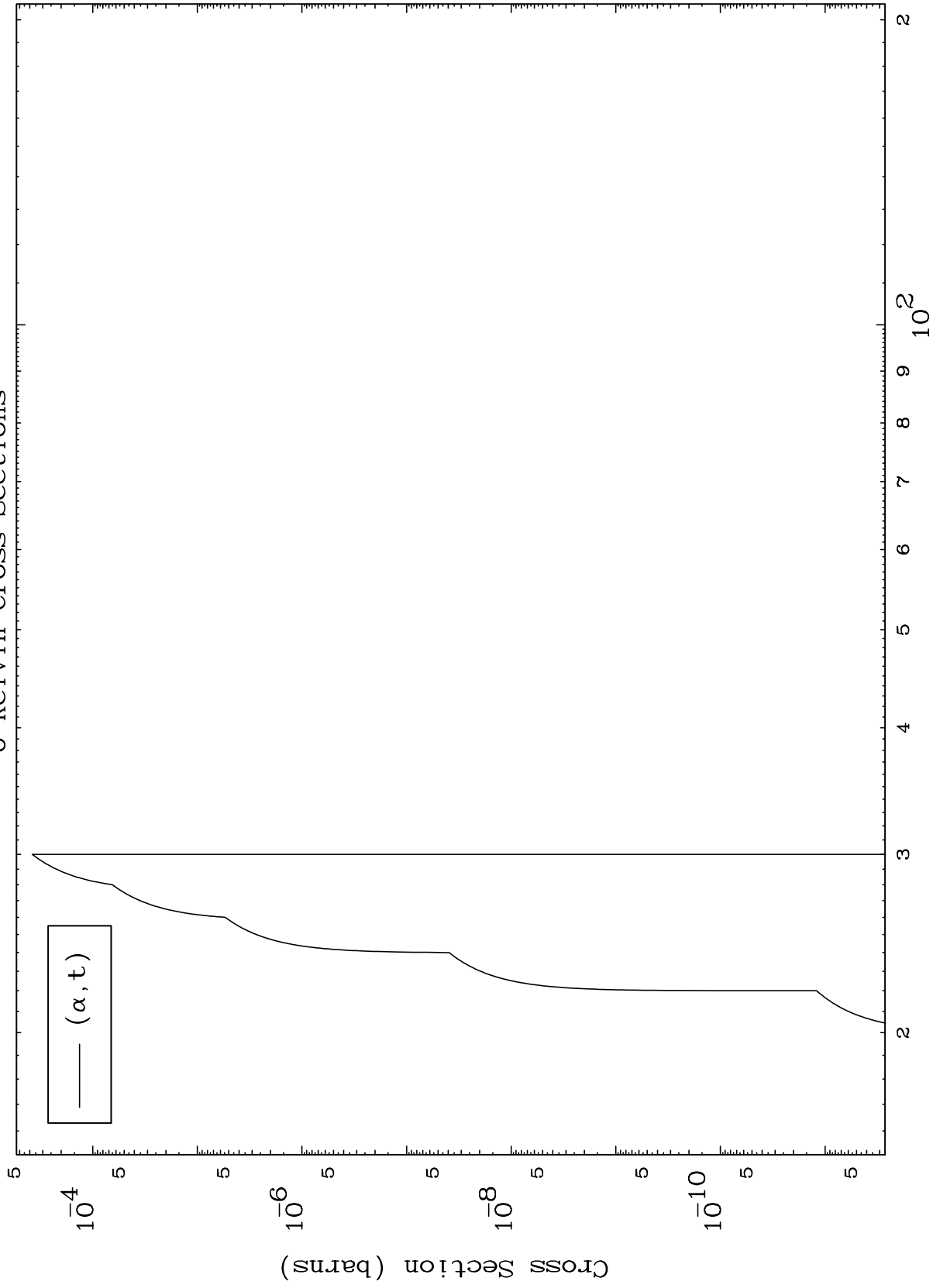




MAT 8099

( $\alpha, t$ ) Levels  
0 Kelvin Cross Sections

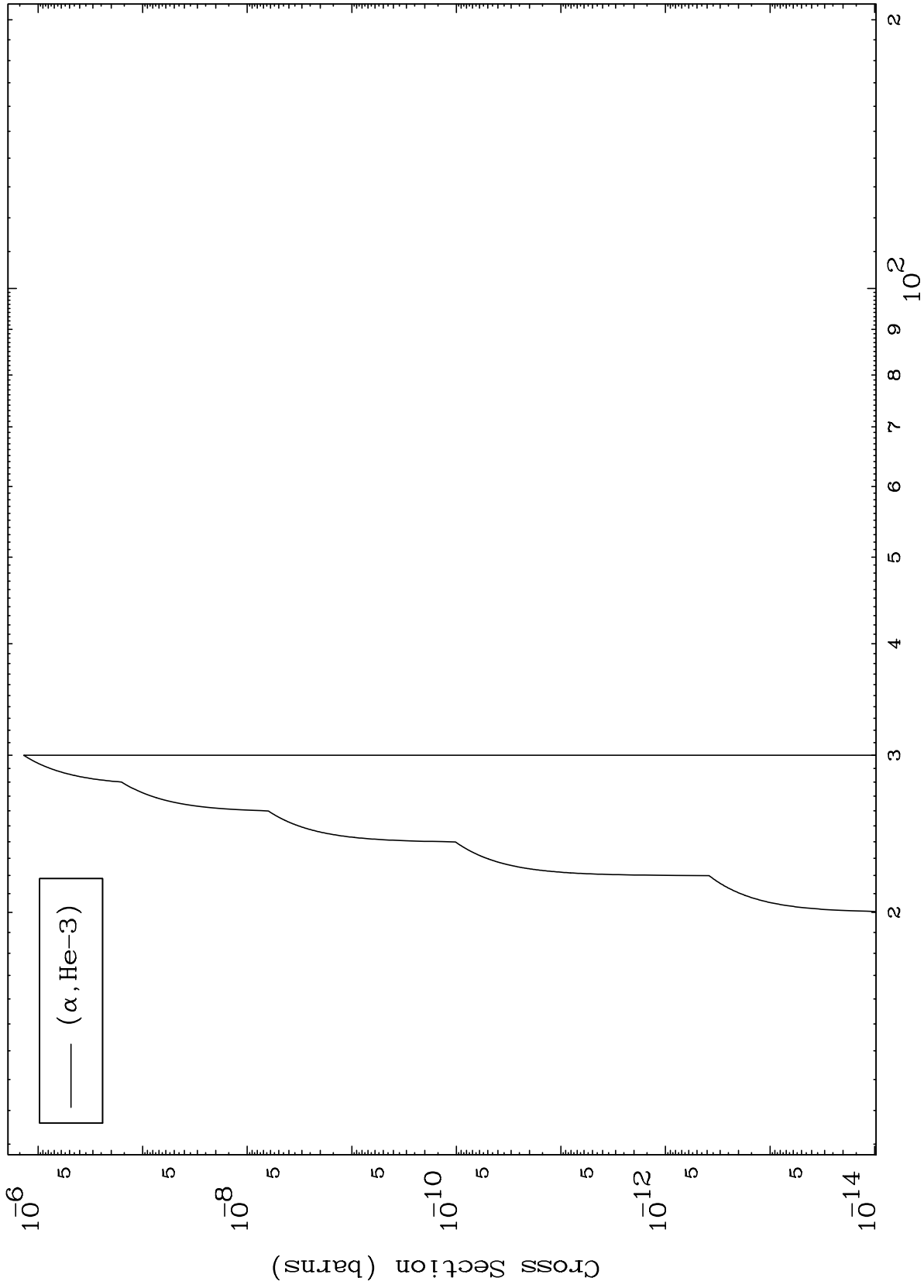
81-Tl-194



8

Incident Energy (MeV)

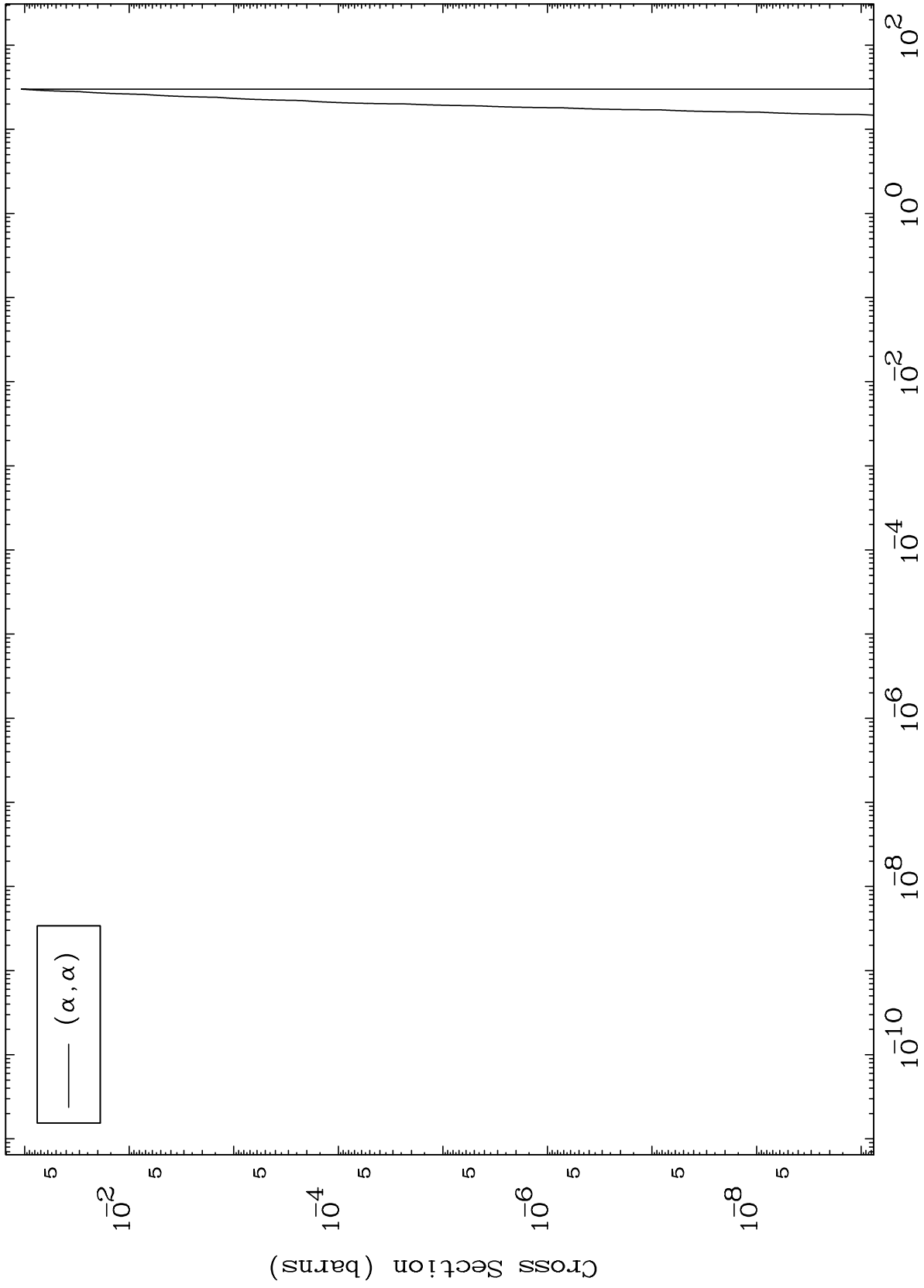
81-Tl-194



MAT 8099

( $\alpha, \alpha$ ) Levels  
0 Kelvin Cross Sections

81-Tl-194



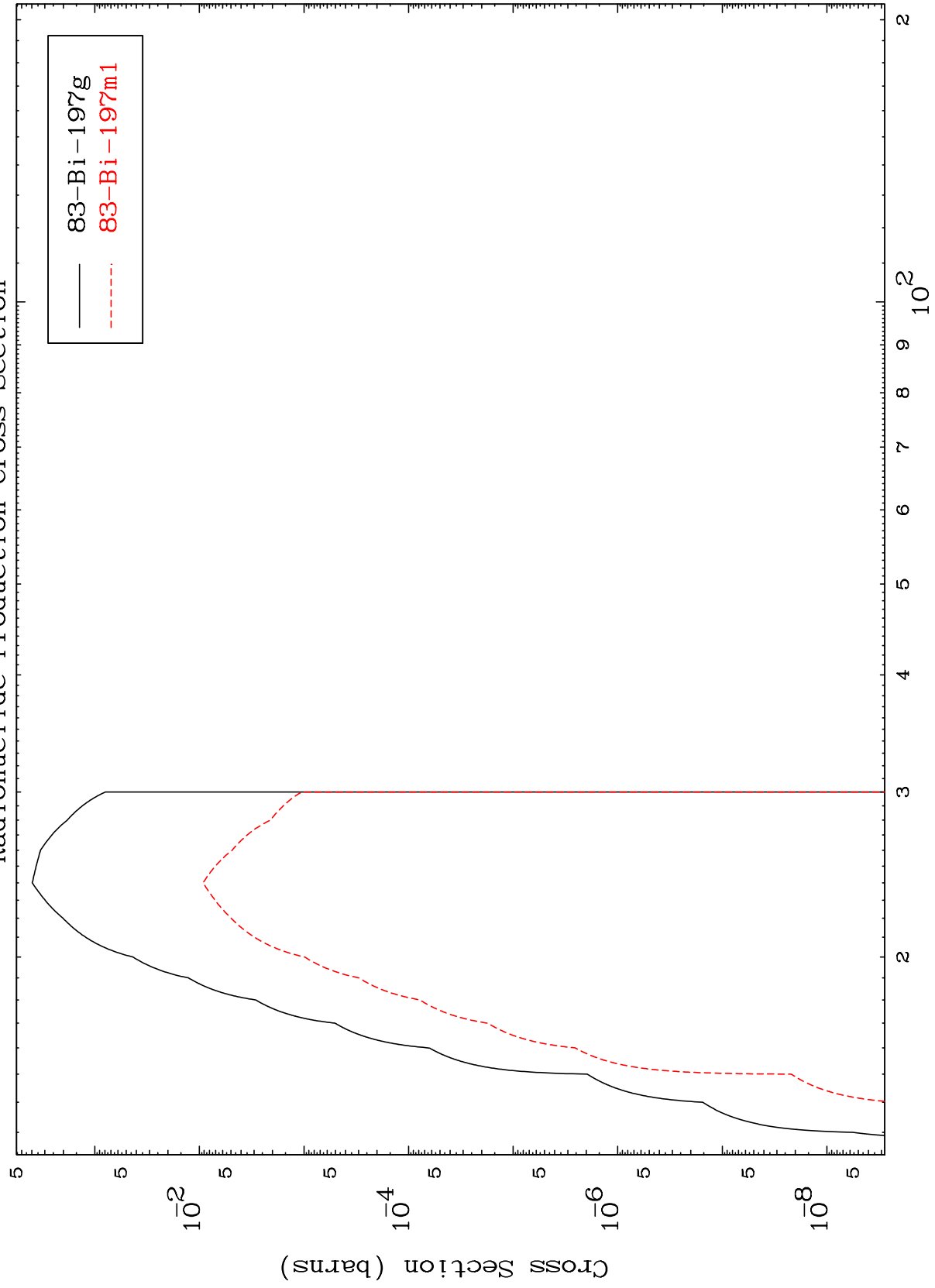
10

Incident Energy (MeV)

81-Tl-194

Radionuclide Production Cross Section

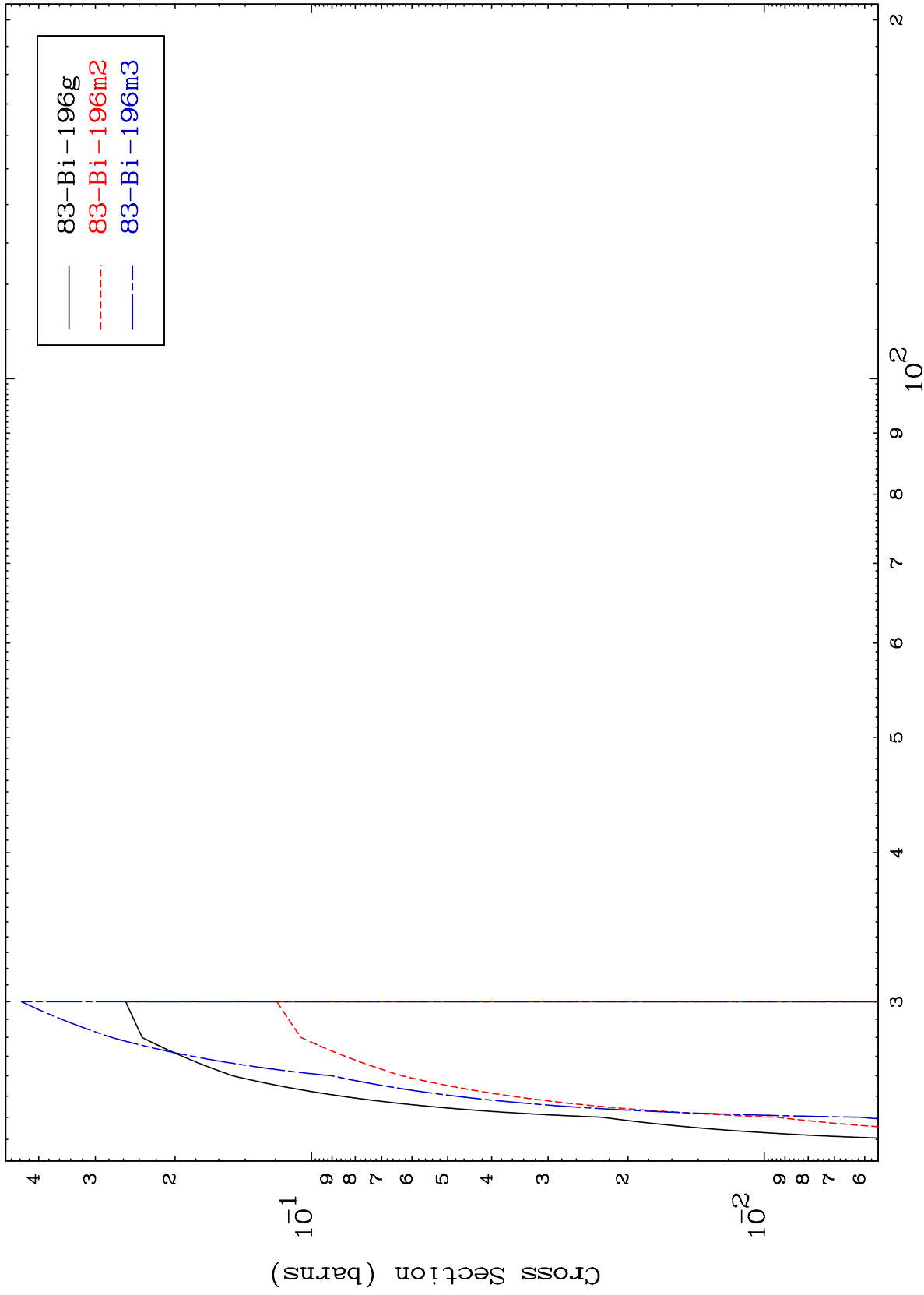
$\alpha$  Inelastic



MAT 8099

81-Tl-194

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



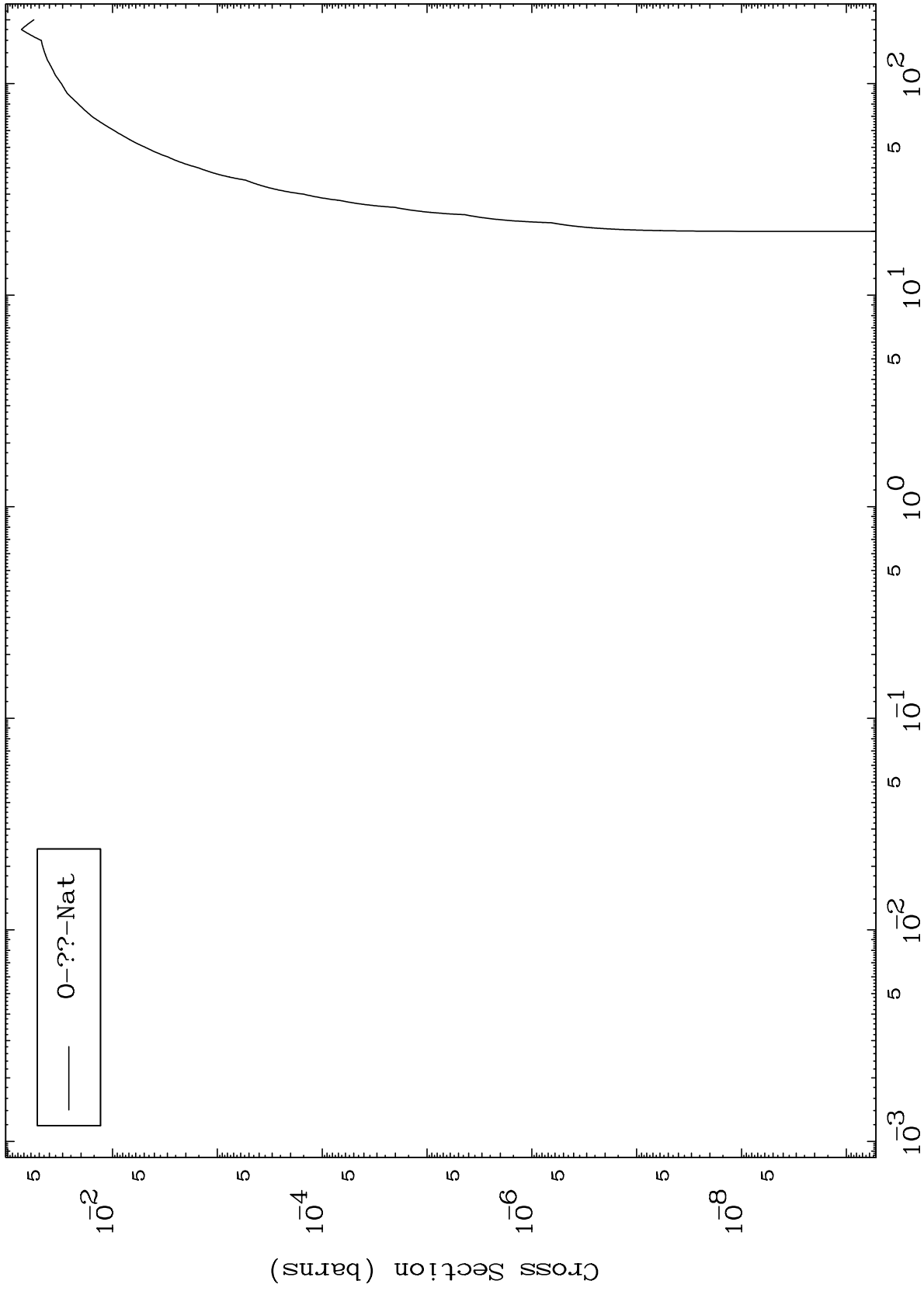
12

81-Tl-194

MAT 8099

$\alpha$  Fission  
Radionuclide Production Cross Section

81-Tl-194



13

Incident Energy (MeV)

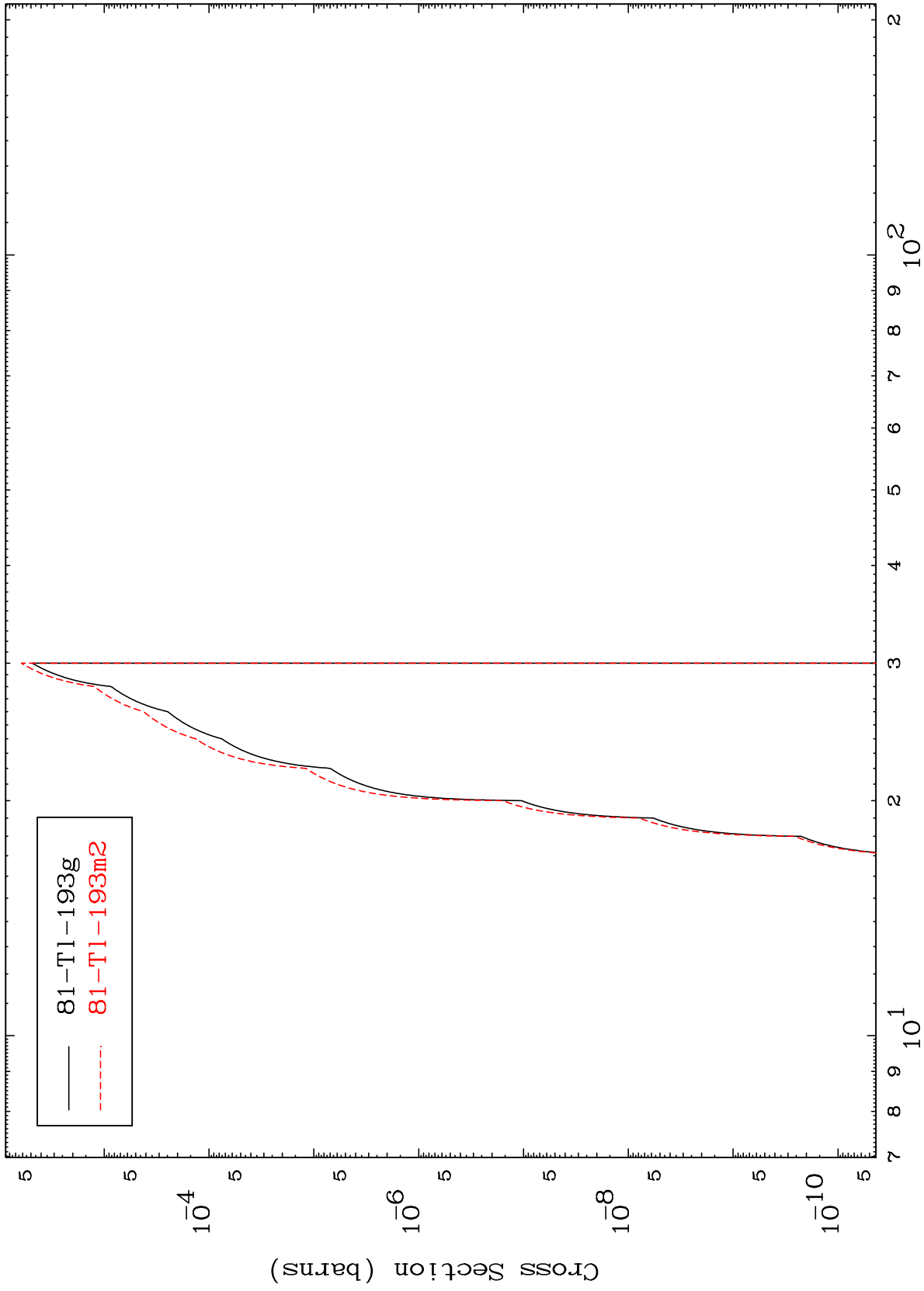
81-Tl-194

MAT 8099

( $\alpha, n'$ )  $\alpha$

81-Tl-194

Radionuclide Production Cross Section



14

Incident Energy (MeV)

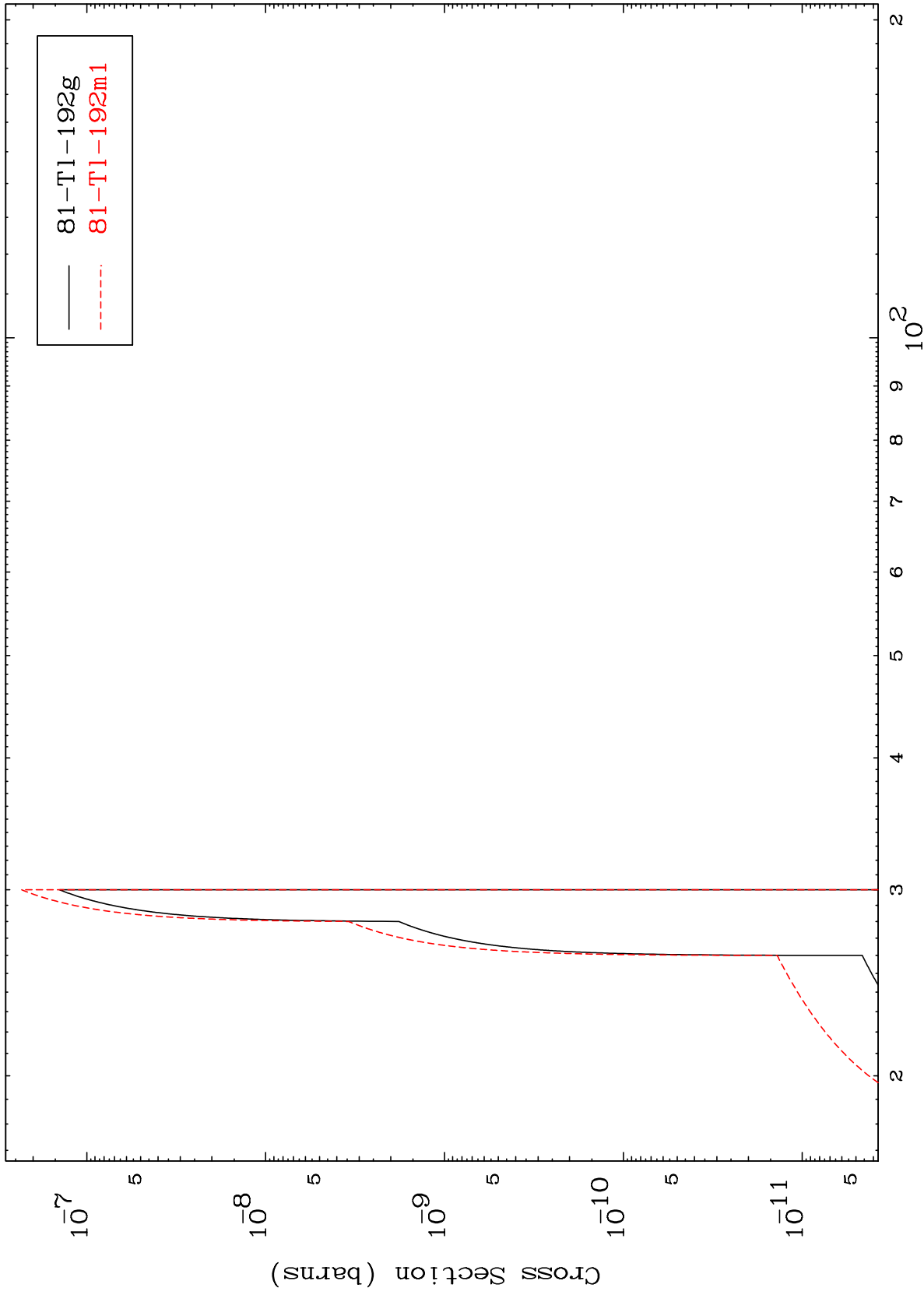
81-Tl-194

MAT 8099

( $\alpha, 2n$ )  $\alpha$

81-Tl-194

Radionuclide Production Cross Section



15

Incident Energy (MeV)

81-Tl-194

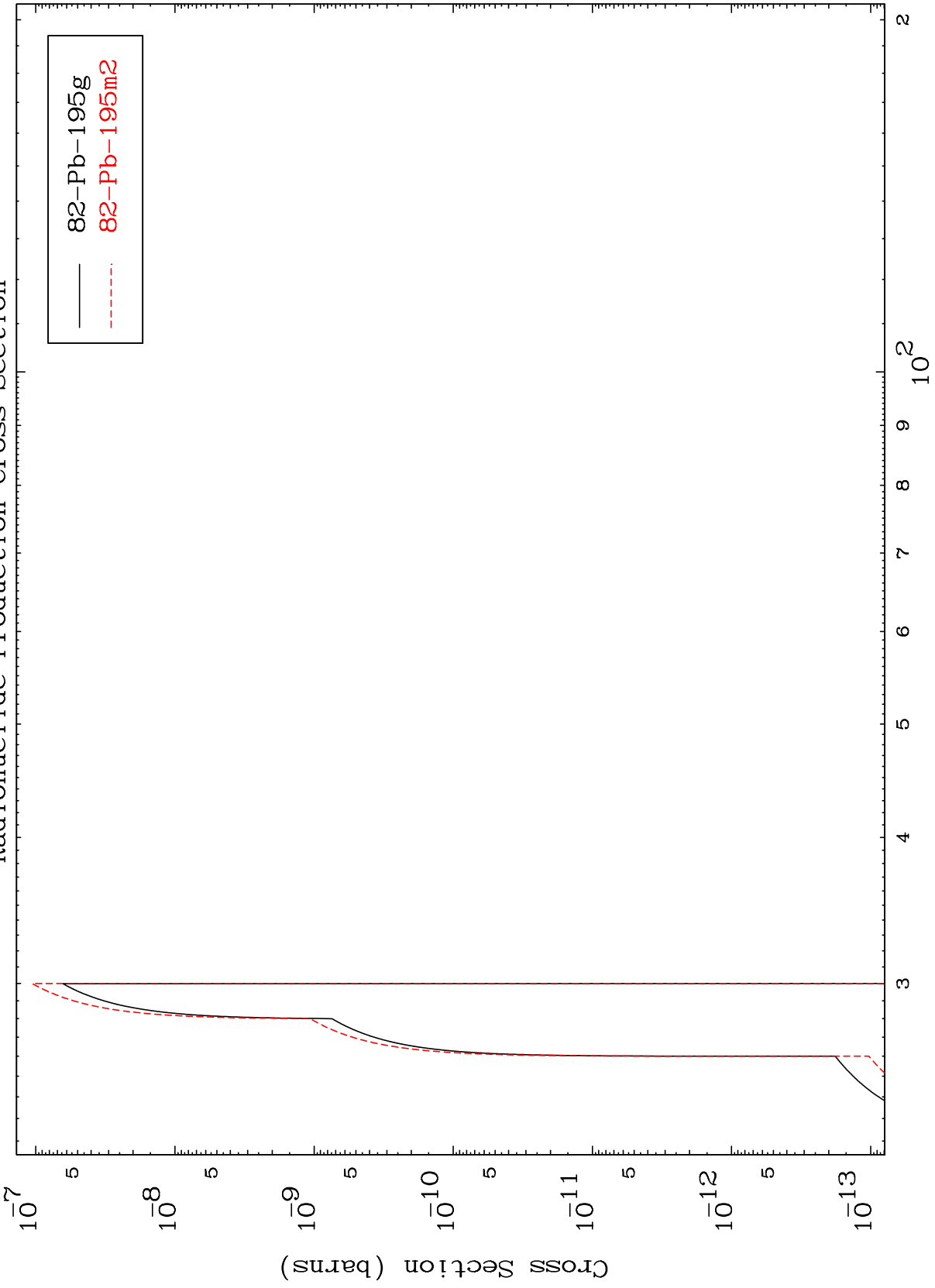


MAT 8099

( $\alpha, n'$ ) d

81-T1-194

Radionuclide Production Cross Section



16

Incident Energy (MeV)

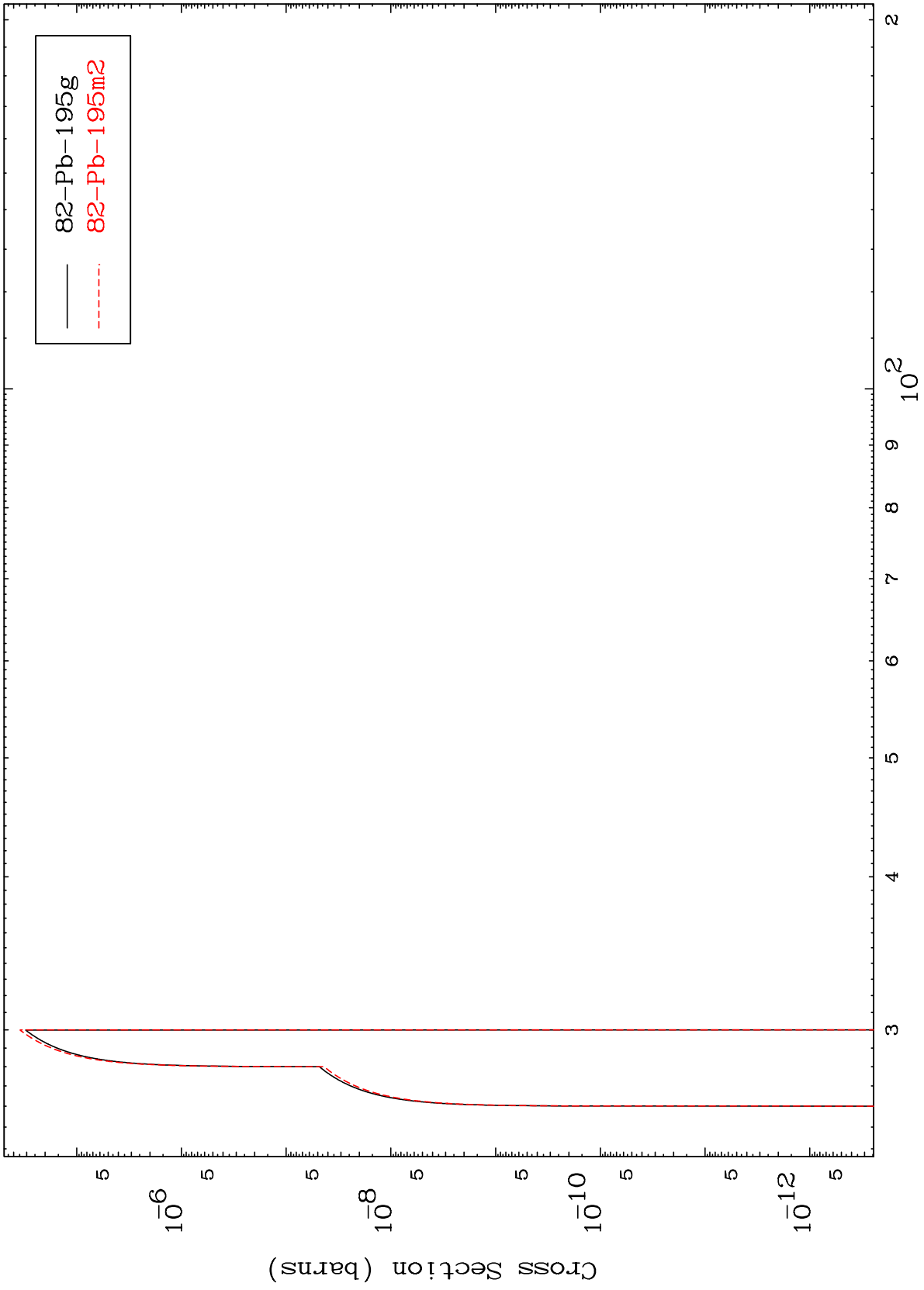
81-T1-194

MAT 8099

( $\alpha, 2n$ ) p

81-Tl-194

Radionuclide Production Cross Section



17

Incident Energy (MeV)

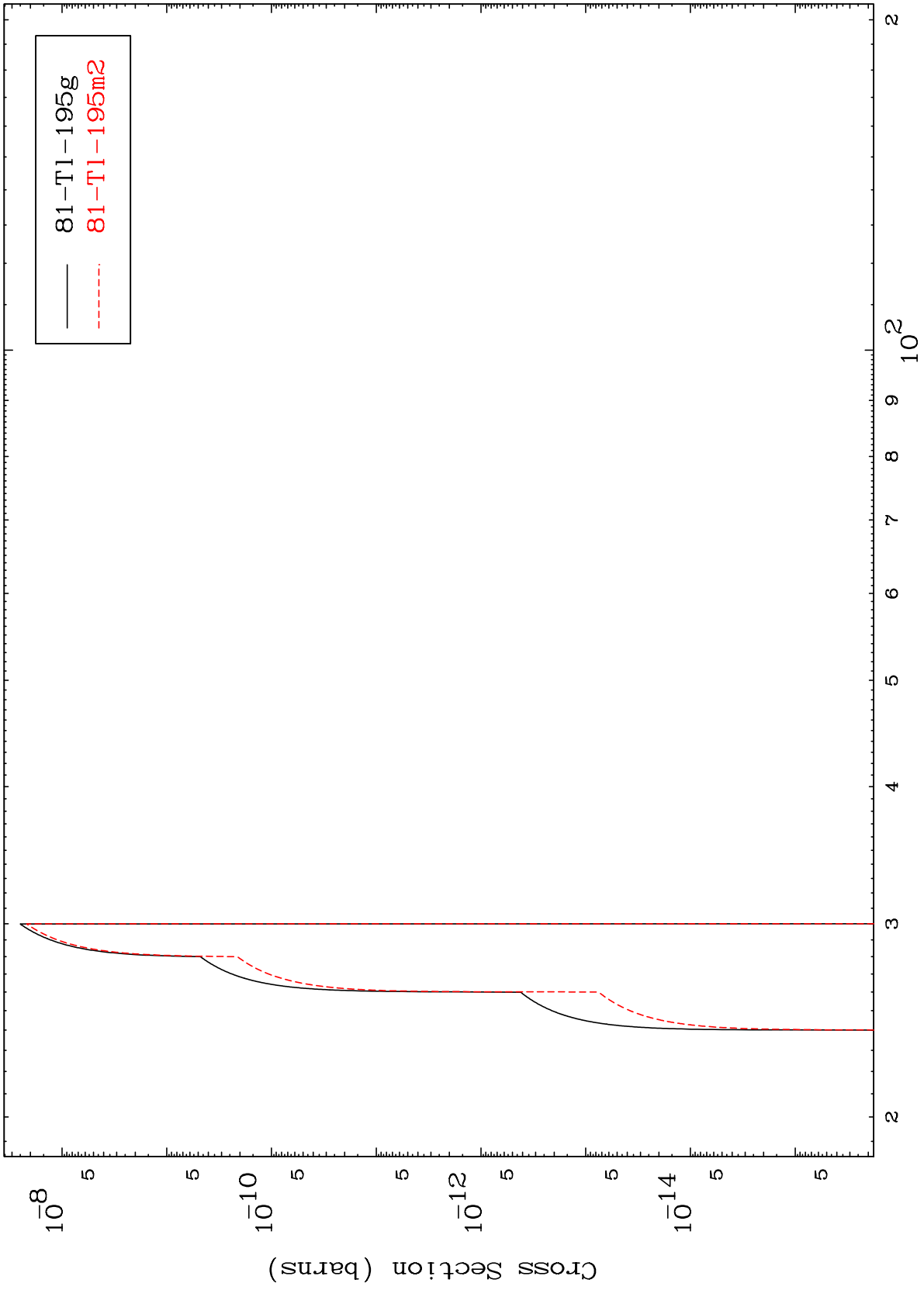
81-Tl-194

MAT 8099

( $\alpha, 2n$ ) p

81-Tl-194

Radionuclide Production Cross Section



18

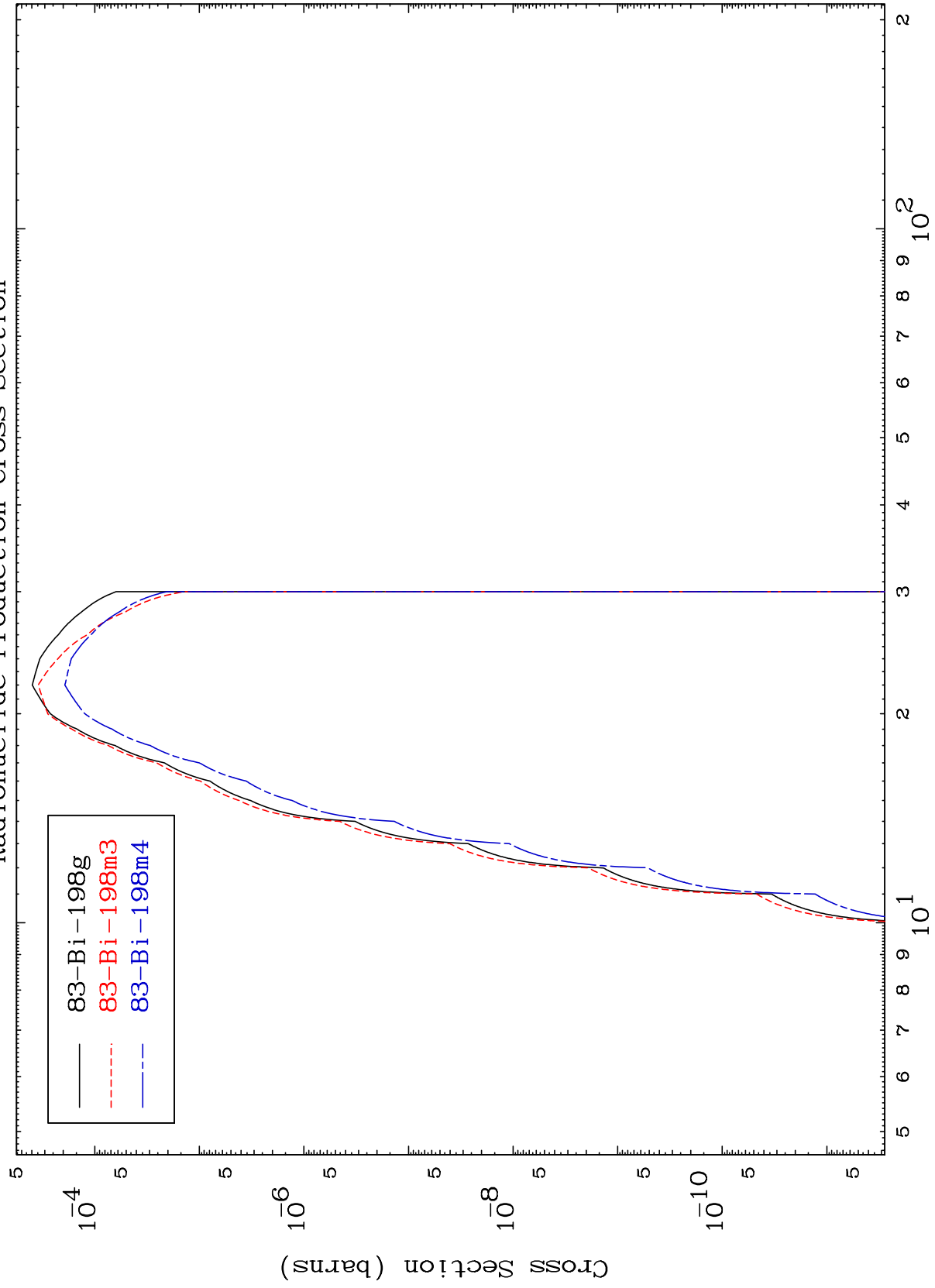
Incident Energy (MeV)

81-Tl-194

MAT 8099

81-Tl-194

Radionuclide Production Cross Section  
( $\alpha, \gamma$ )



19

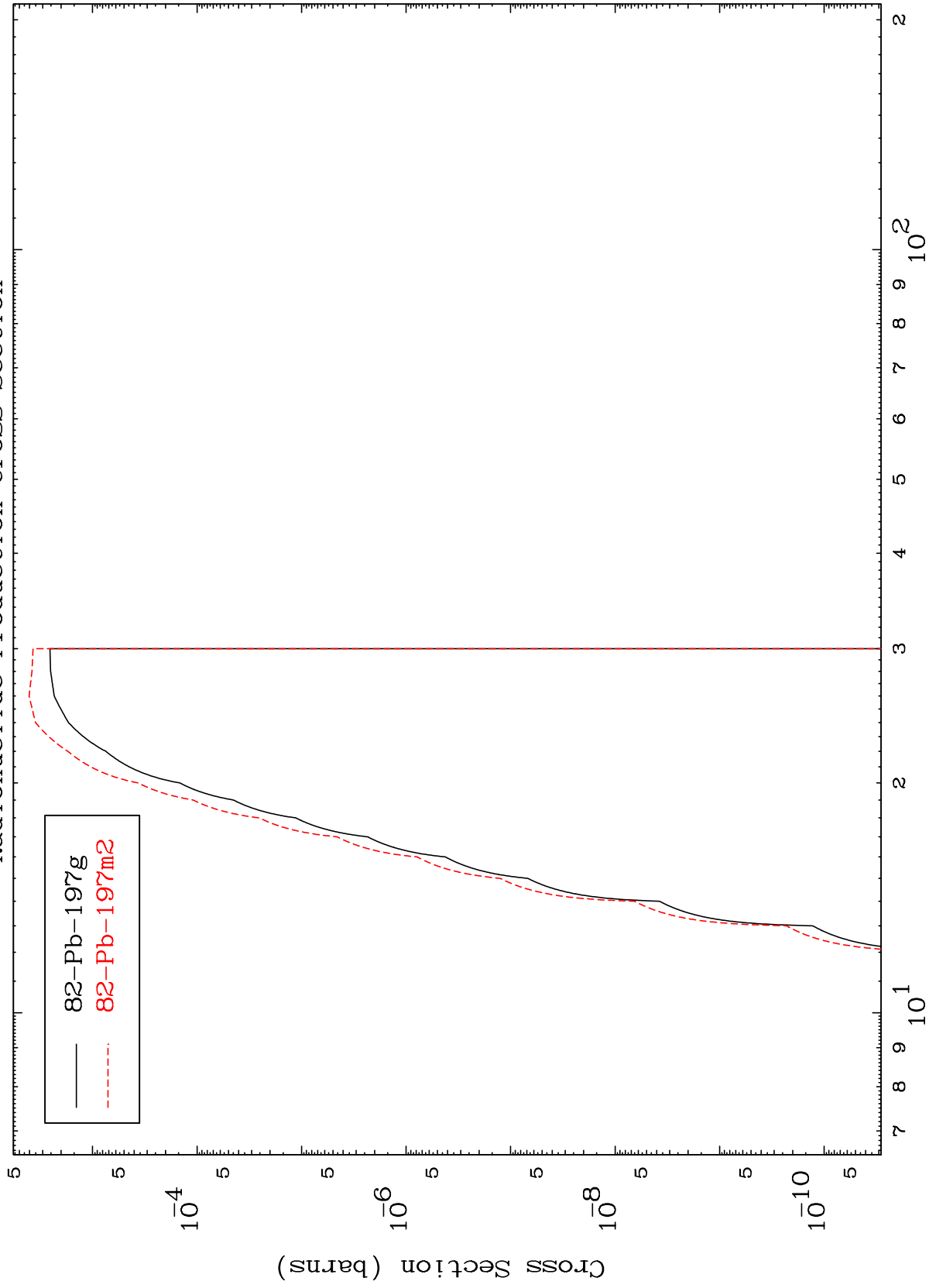
Incident Energy (MeV)

81-Tl-194

MAT 8099

81-Tl-194

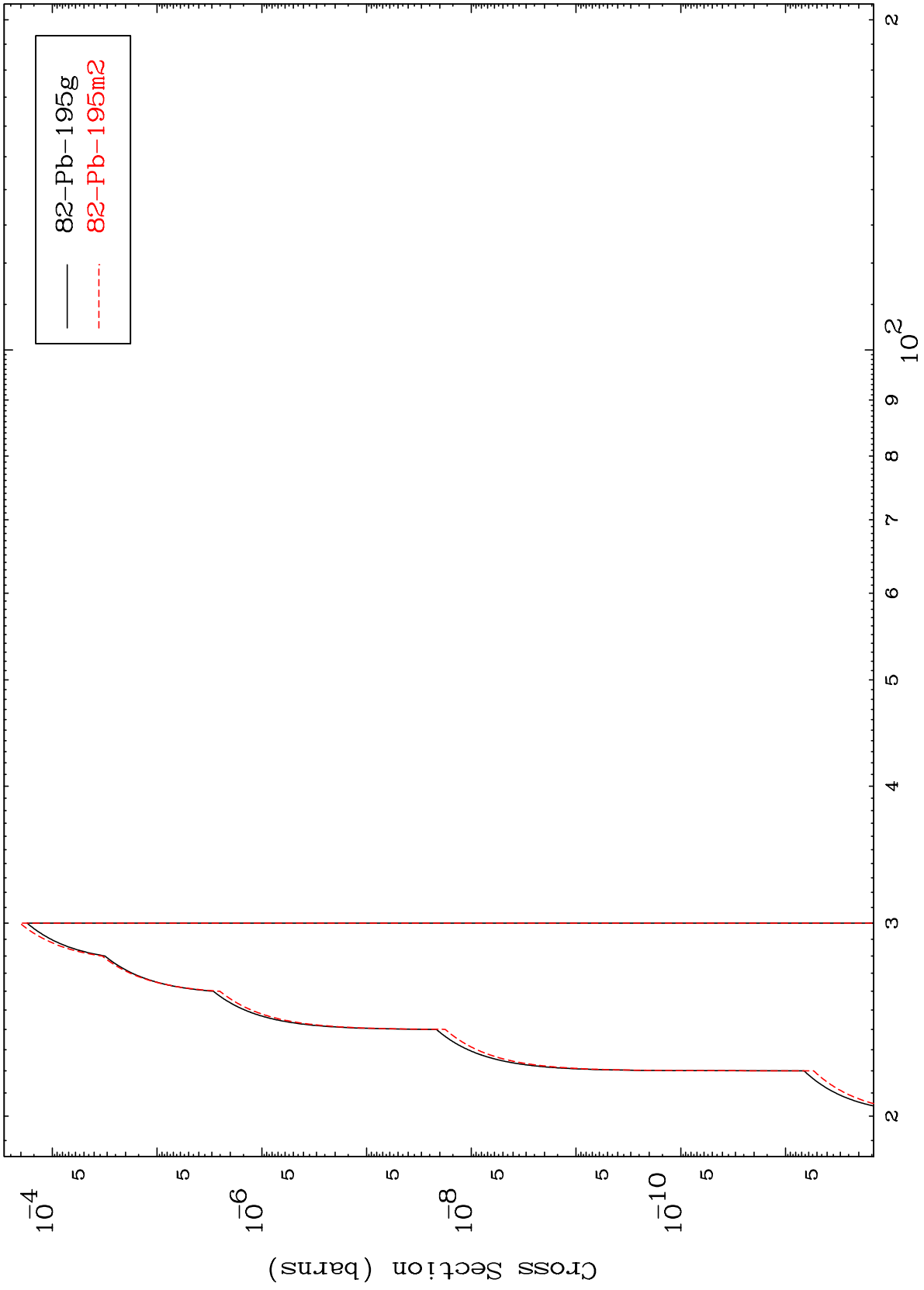
( $\alpha, p$ )  
Radionuclide Production Cross Section



MAT 8099

81-Tl-194

( $\alpha, t$ )  
Radionuclide Production Cross Section



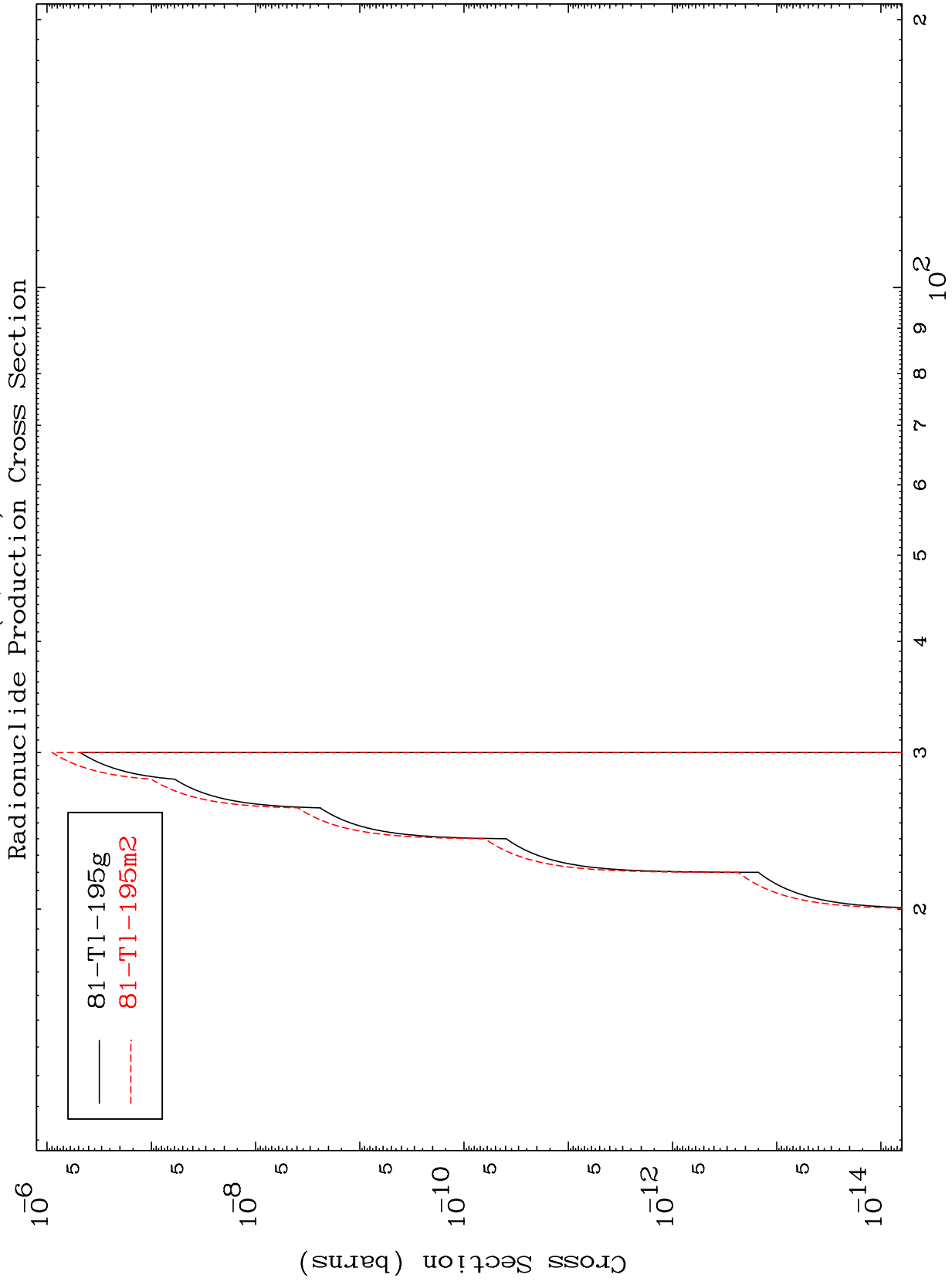
21

81-Tl-194

MAT 8099

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

81-Tl-194



22

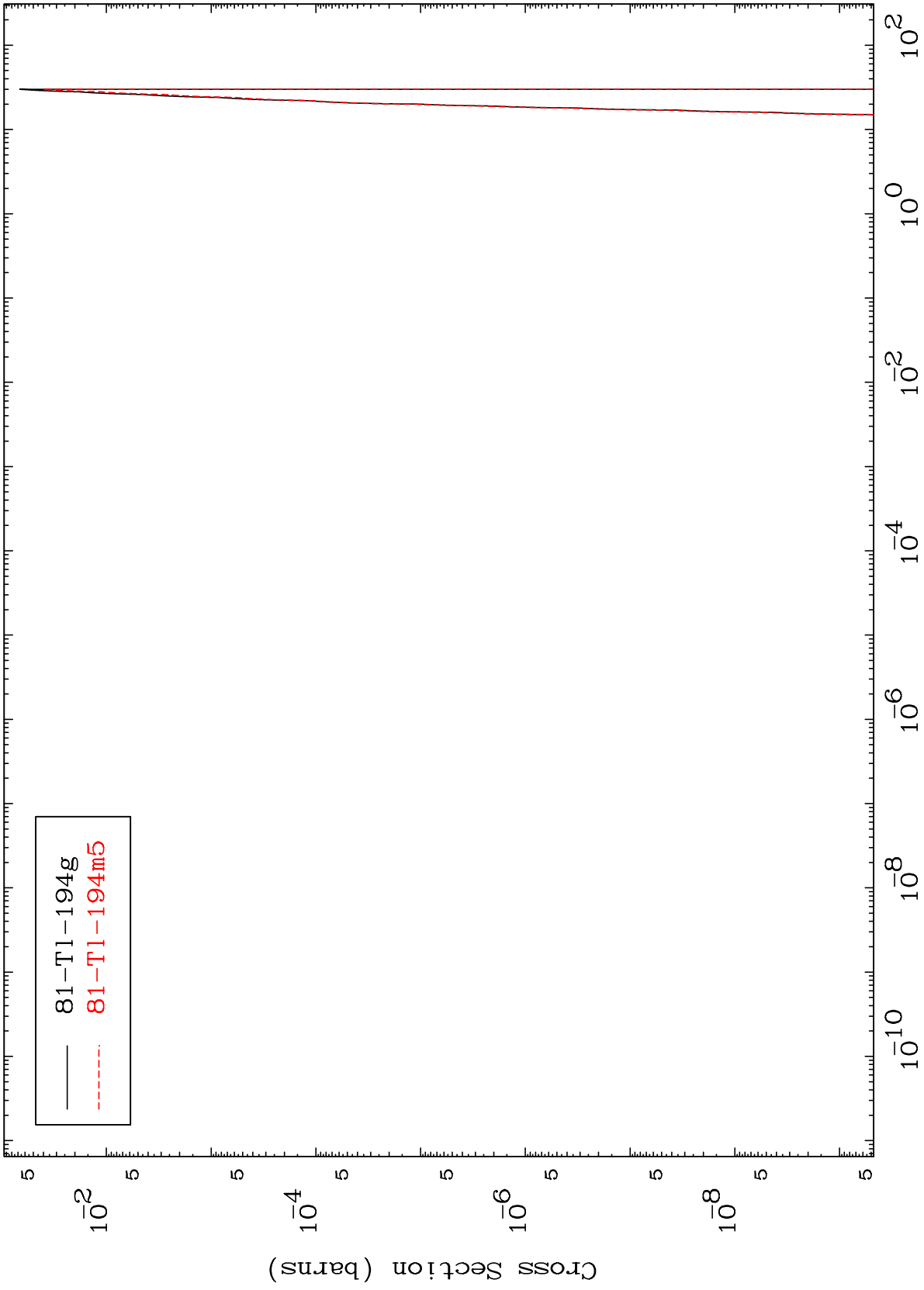
81-Tl-194

MAT 8099

( $\alpha, \alpha$ )

81-Tl-194

Radionuclide Production Cross Section



23

Incident Energy (MeV)

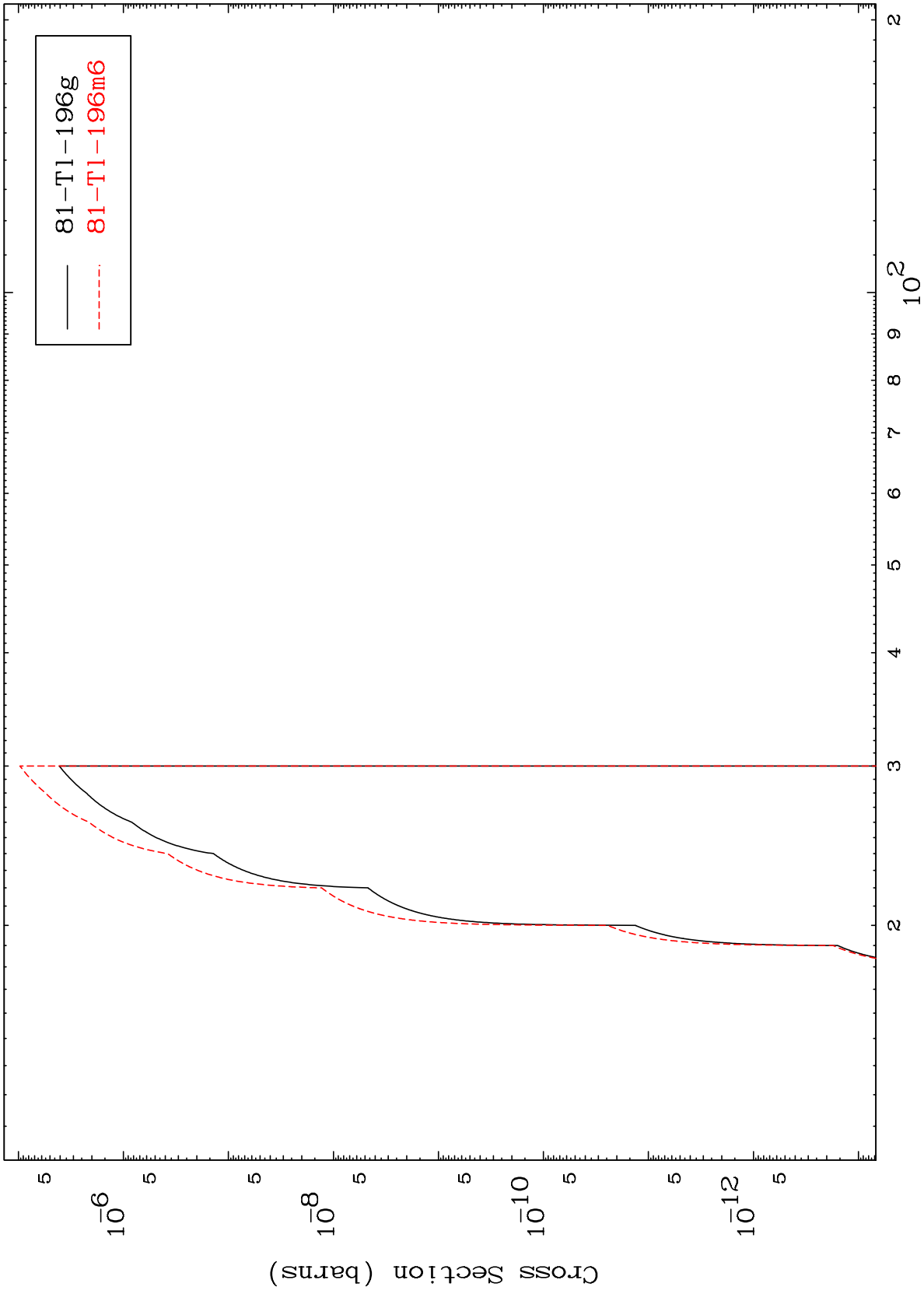
81-Tl-194



MAT 8099

81-Tl-194

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



24

81-Tl-194

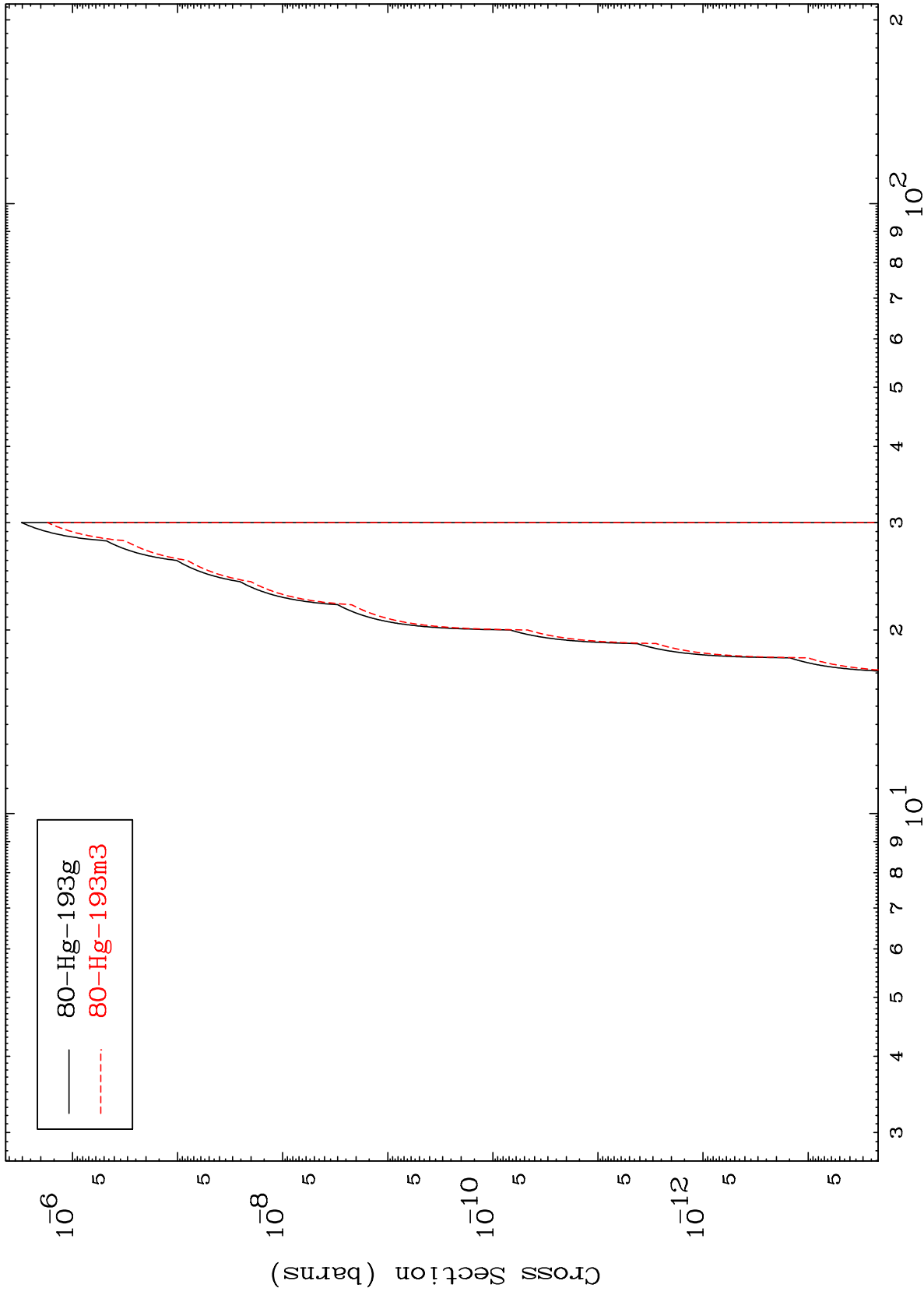
Incident Energy (MeV)

MAT 8099

( $\alpha, p$ )  $\alpha$

81-Tl-194

Radionuclide Production Cross Section



25

Incident Energy (MeV)

81-Tl-194