

Program EVALPLOT  
(Version 2018-1)

by

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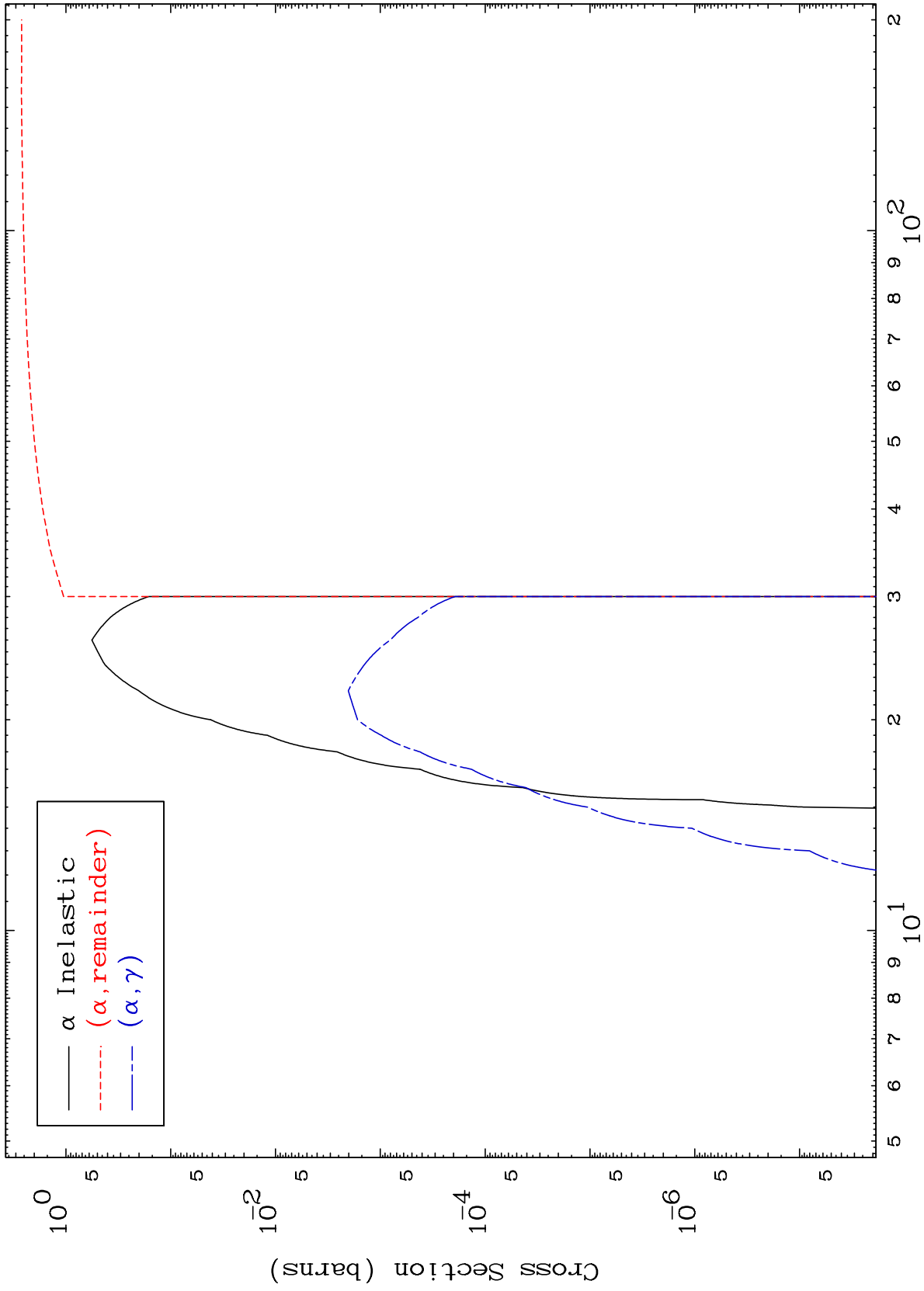
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 8096

0 Kelvin  $\alpha$  Major  
Cross Sections

81-Tl-193



1

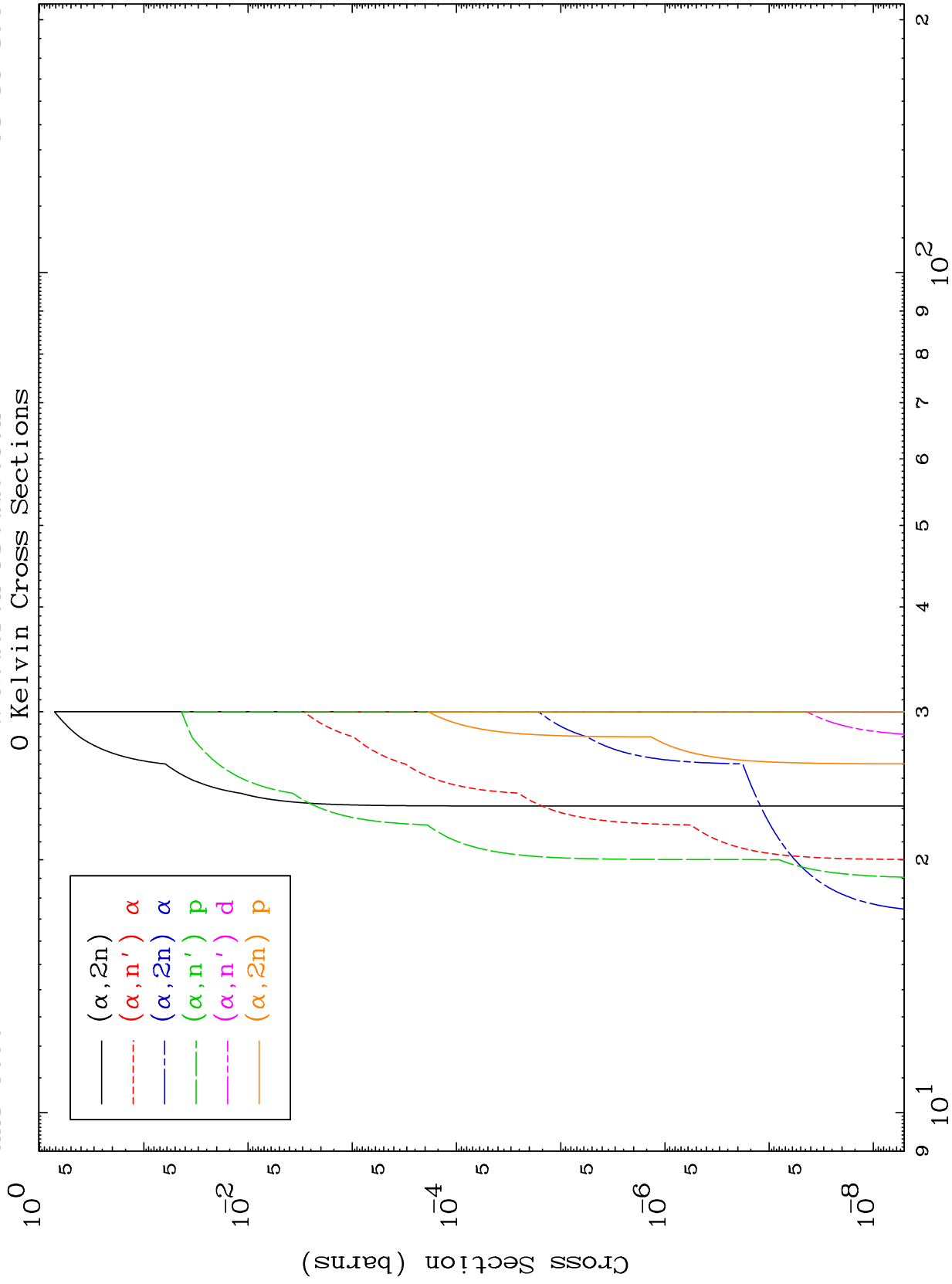
Incident Energy (MeV)

81-Tl-193

MAT 8096

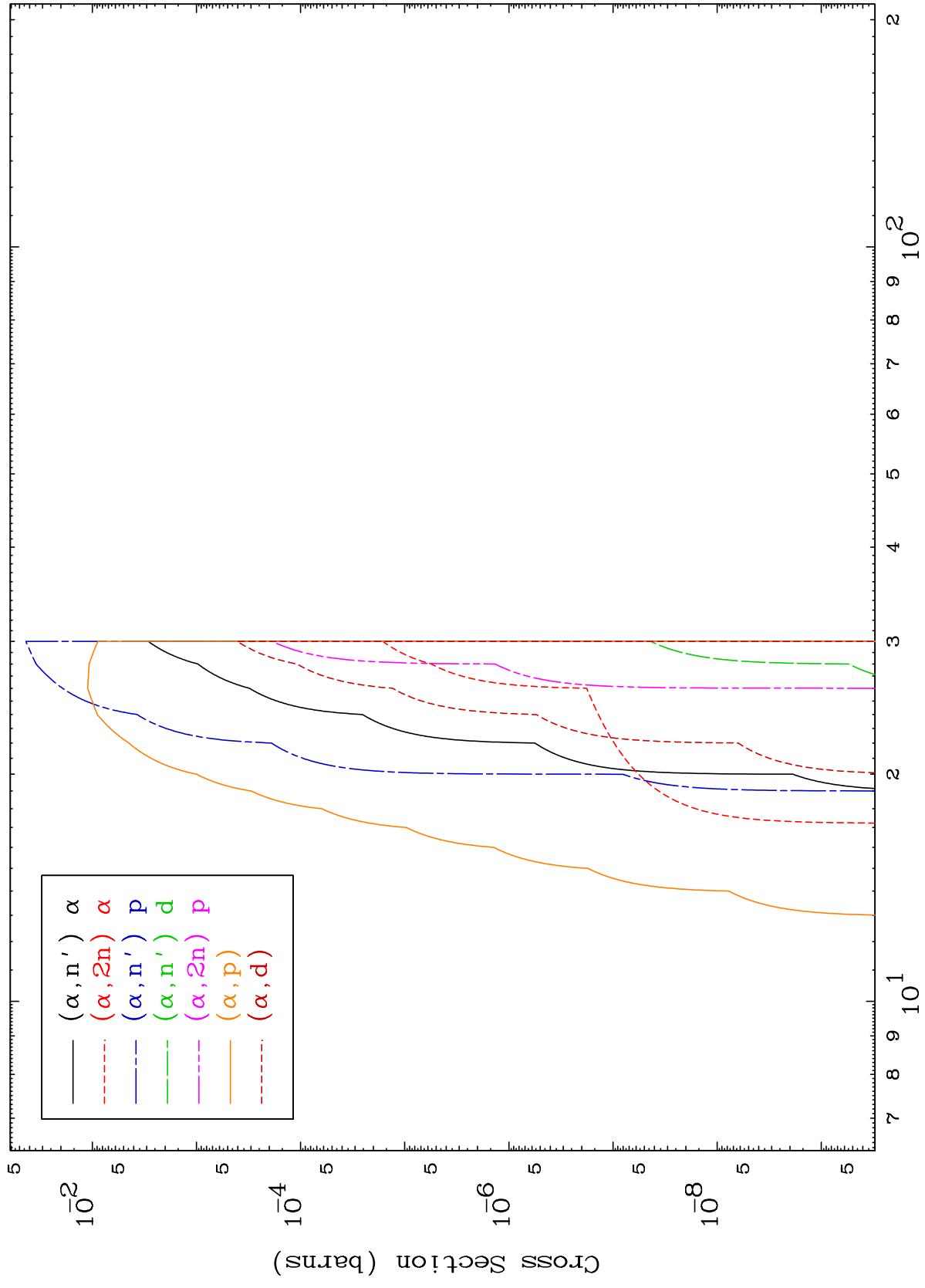
$\alpha$  Neutron Production  
0 Kelvin Cross Sections

81-T1-193



81-T1-193

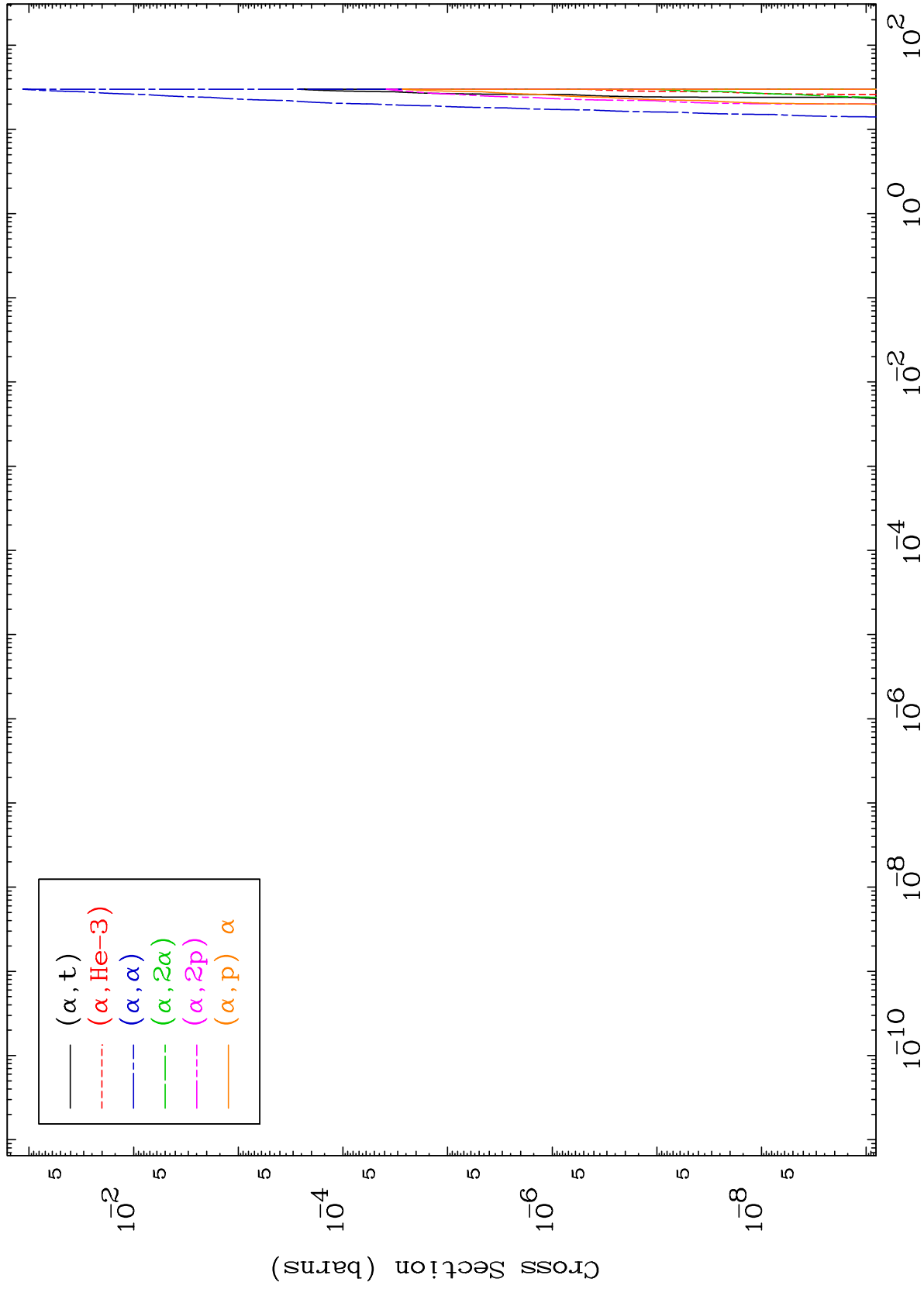
Incident Energy (MeV)



MAT 8096

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

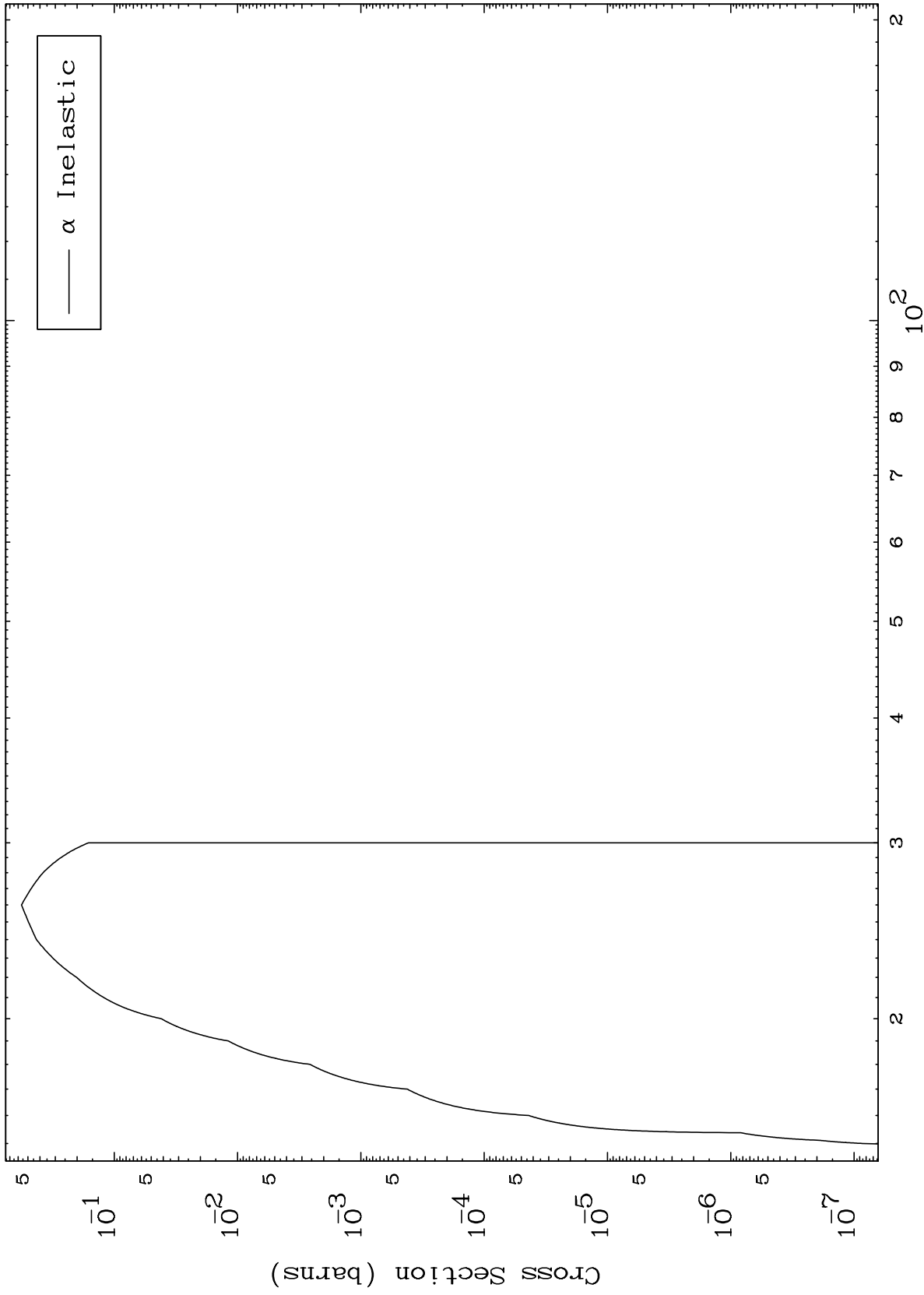
81-Tl-193



MAT 8096

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

81-T1-193



5

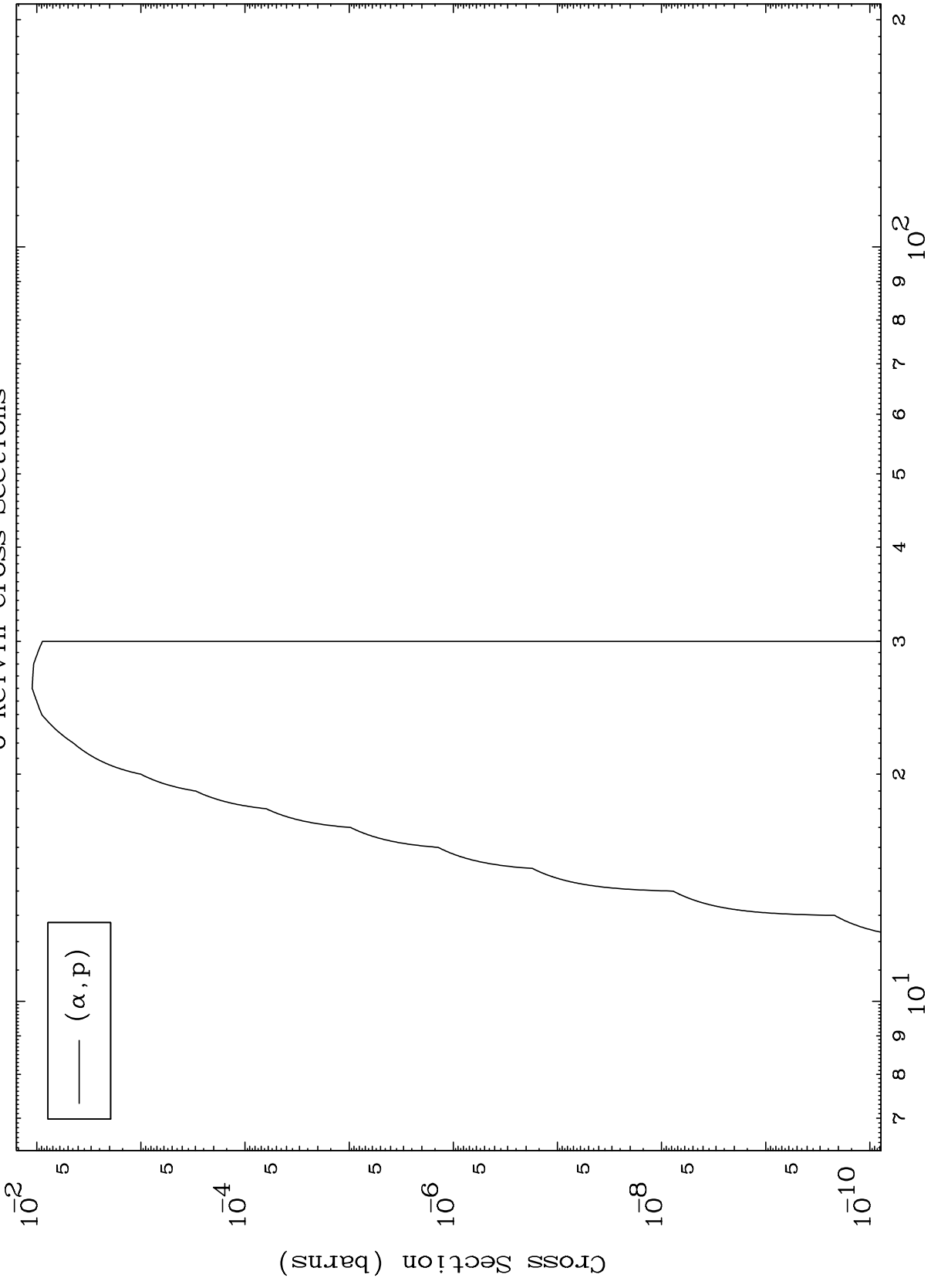
Incident Energy (MeV)

81-T1-193

MAT 8096

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

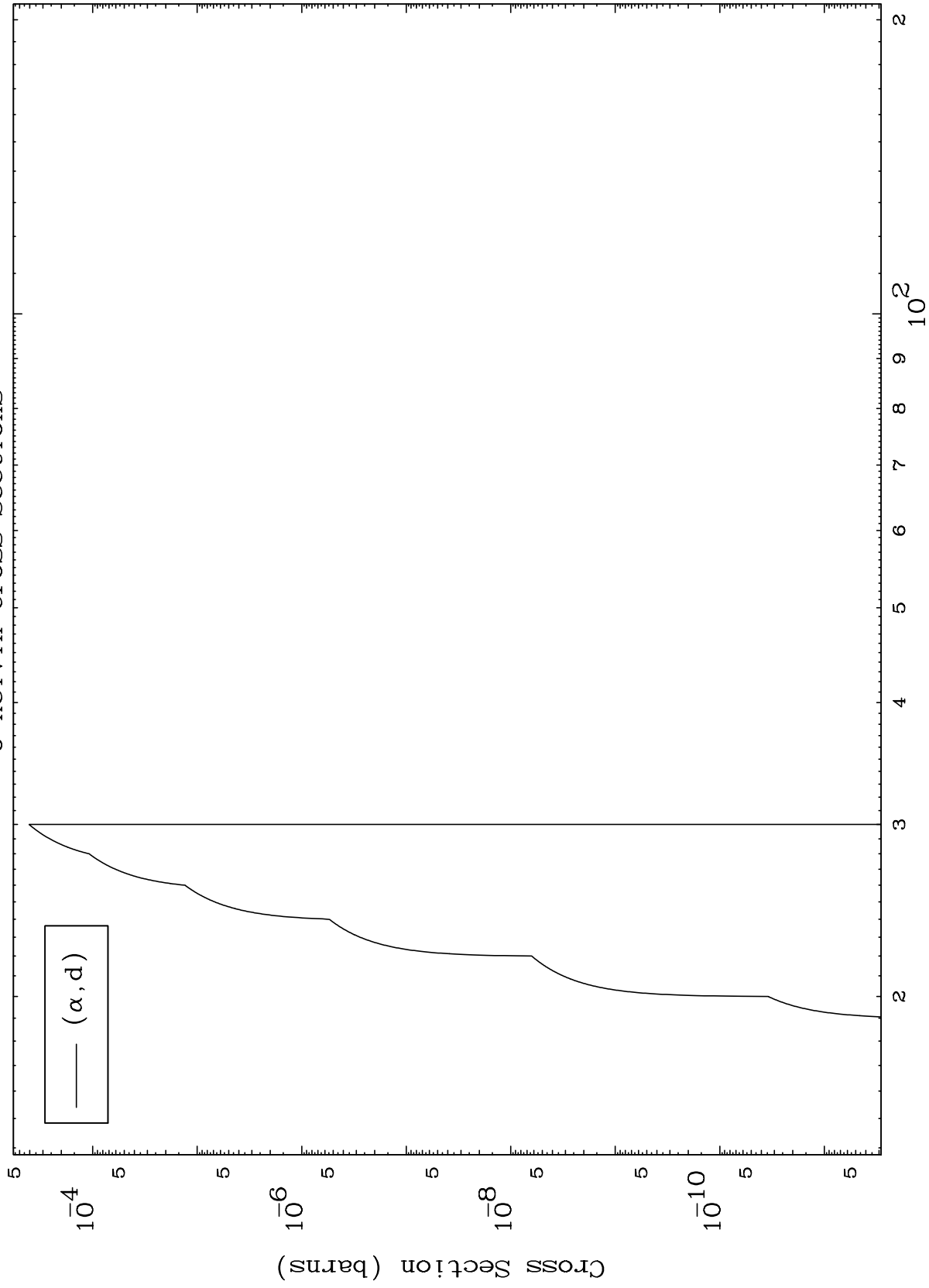
81-T1-193



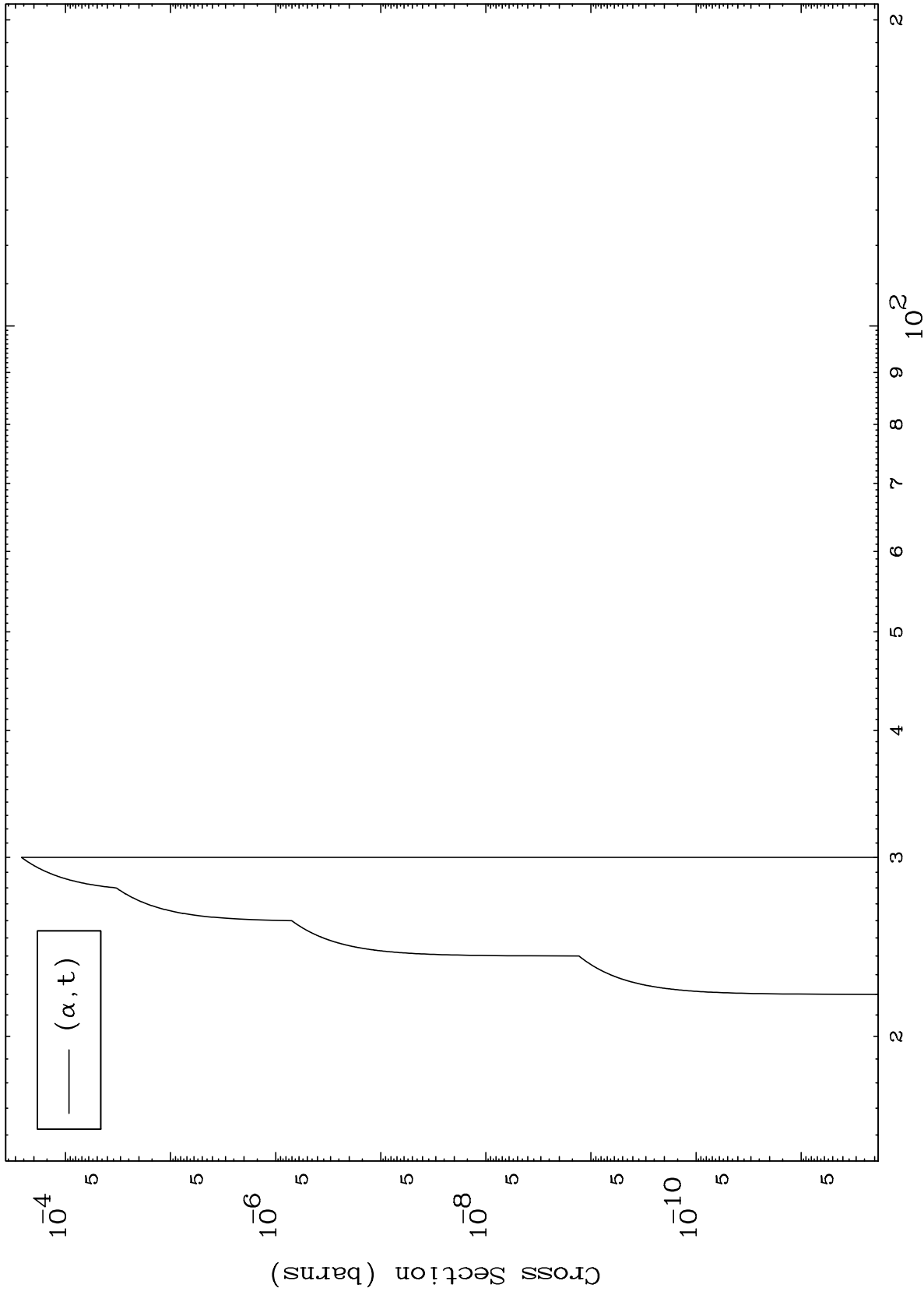
6

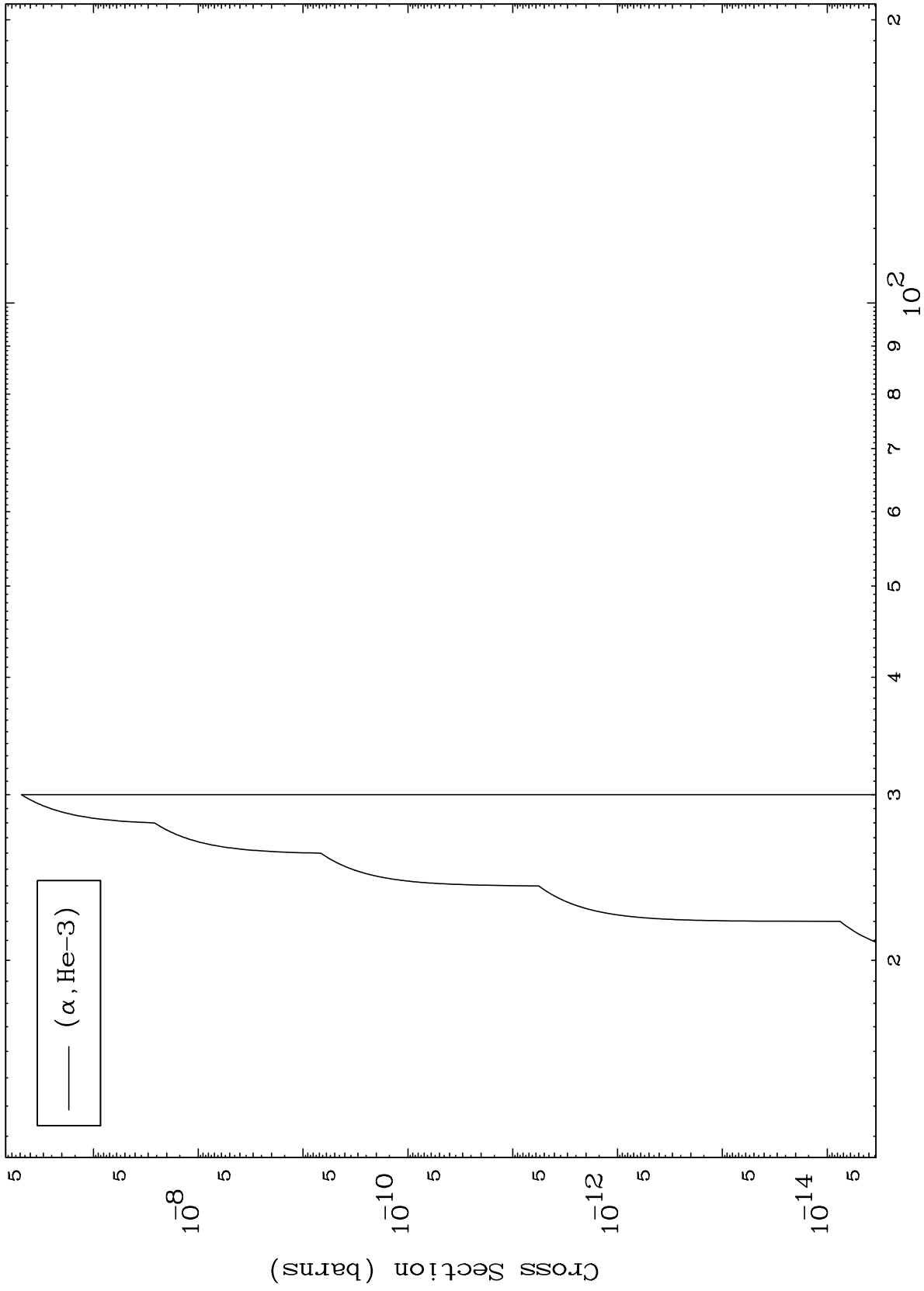
Incident Energy (MeV)

81-T1-193





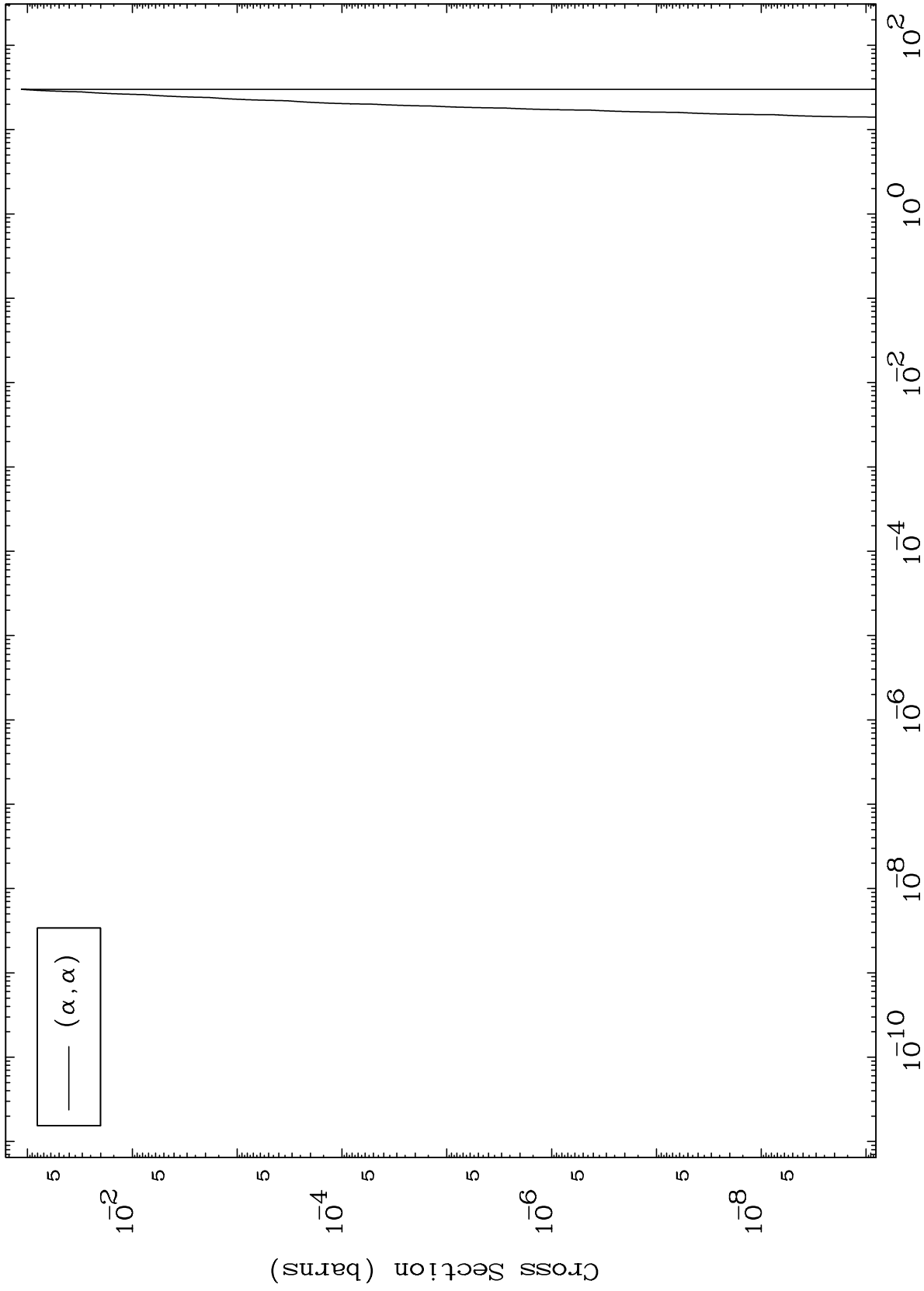




MAT 8096

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

81-Tl-193

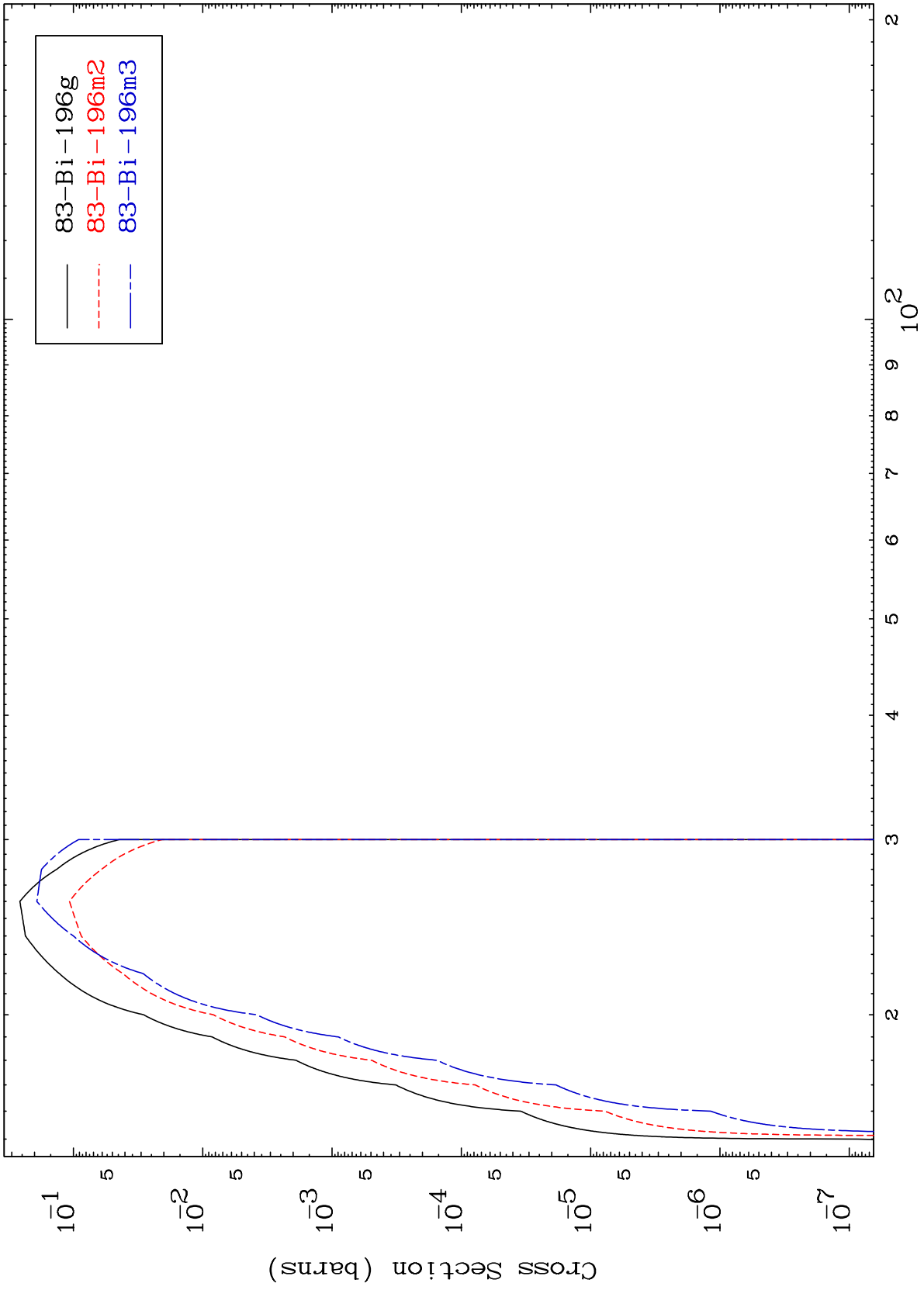


10

Incident Energy (MeV)

81-Tl-193

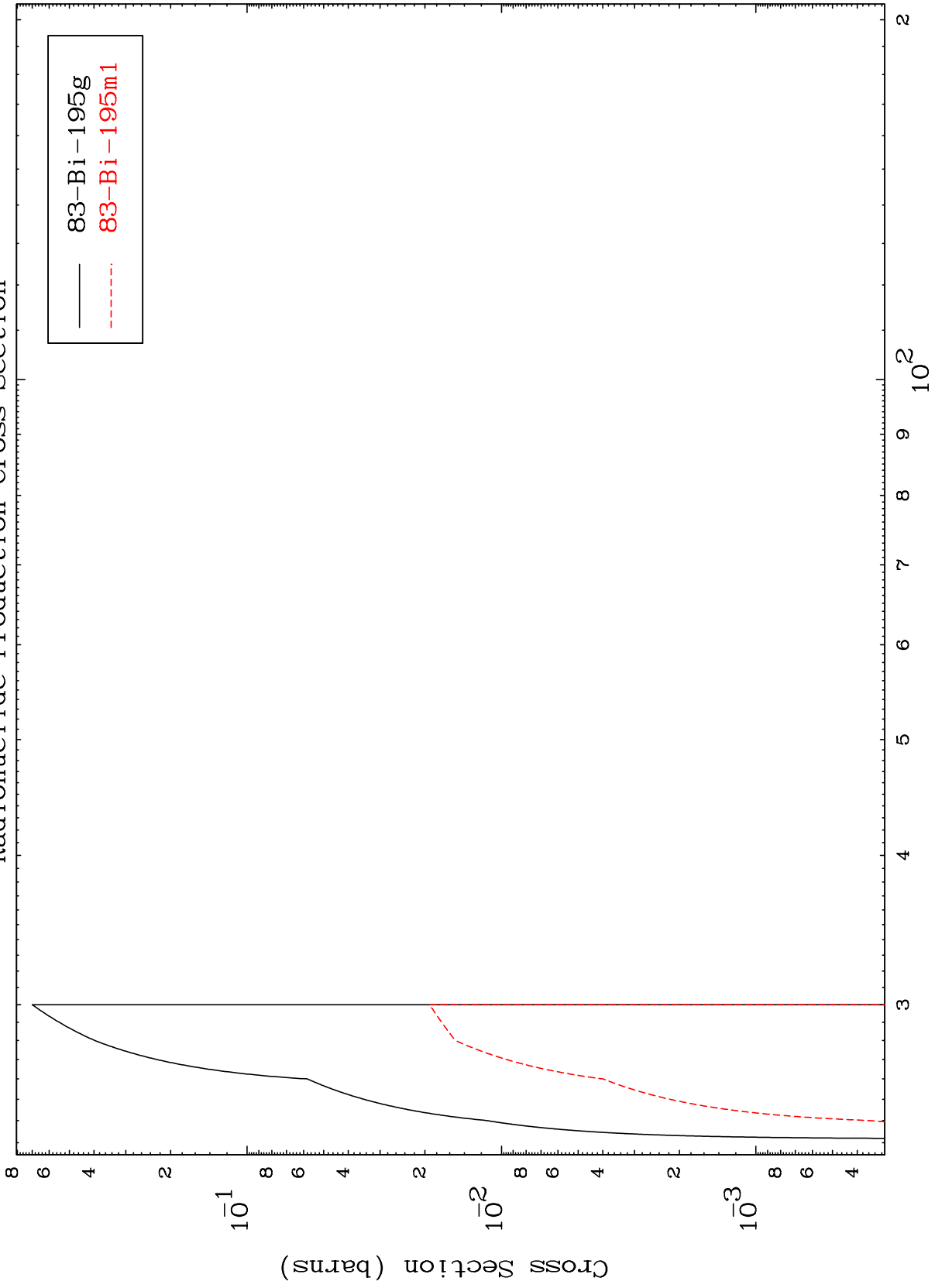
Radionuclide Production Cross Section



MAT 8096

81-T1-193

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



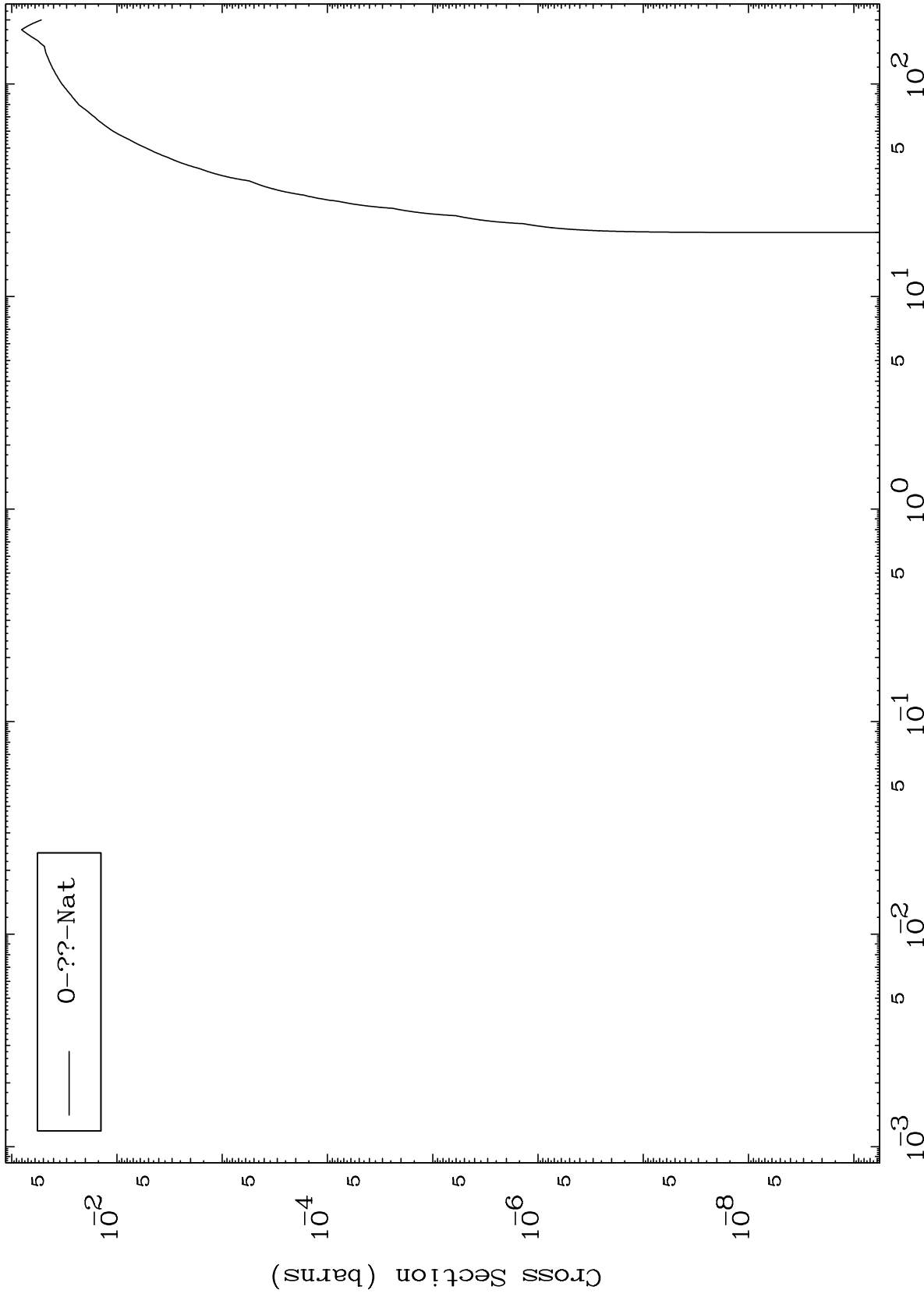
12

81-T1-193

MAT 8096

$\alpha$  Fission  
Radionuclide Production Cross Section

81-Tl-193



0-?-?-Nat

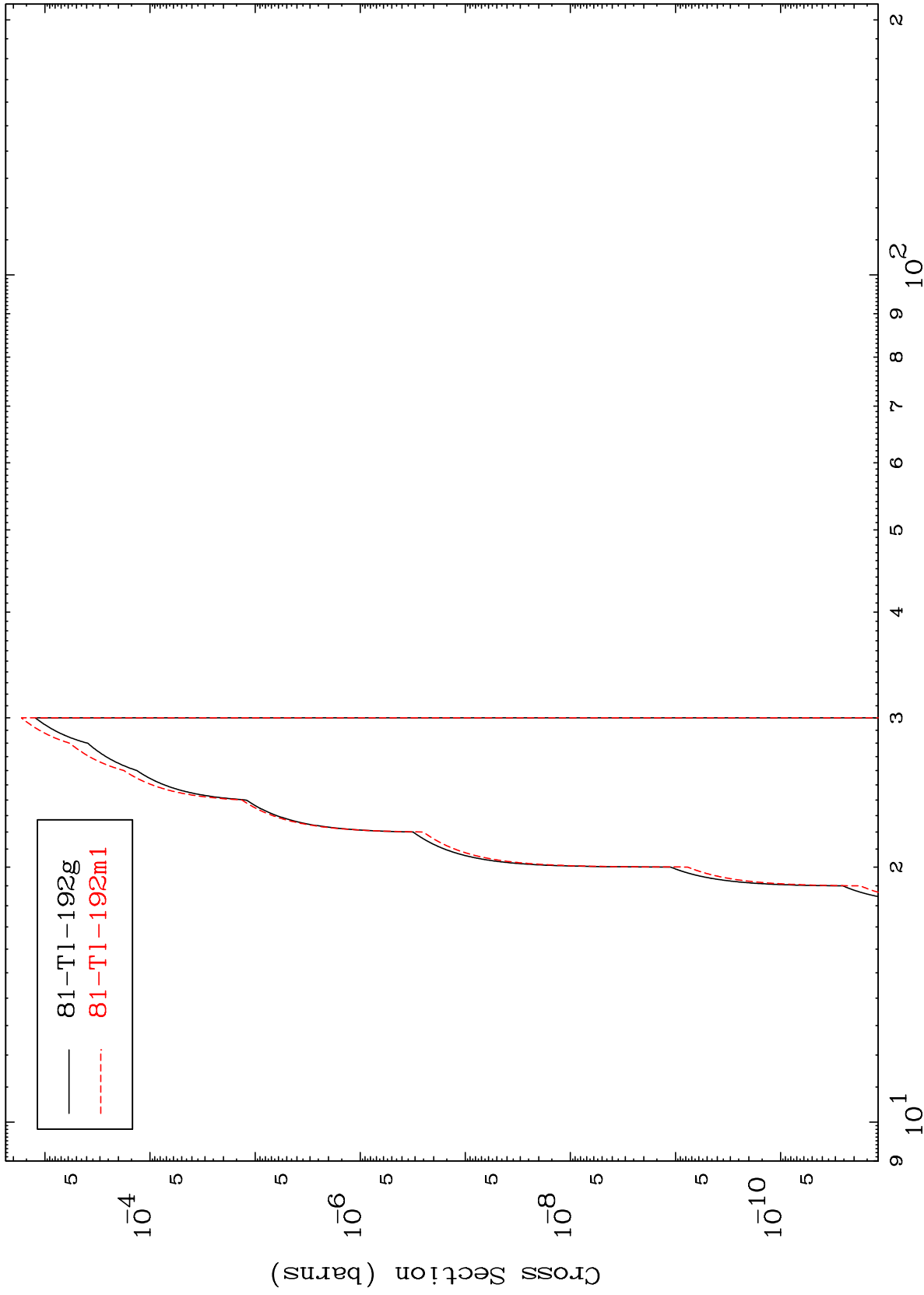
81-Tl-193

MAT 8096

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

81-Tl-193

Radionuclide Production Cross Section



14

Incident Energy (MeV)

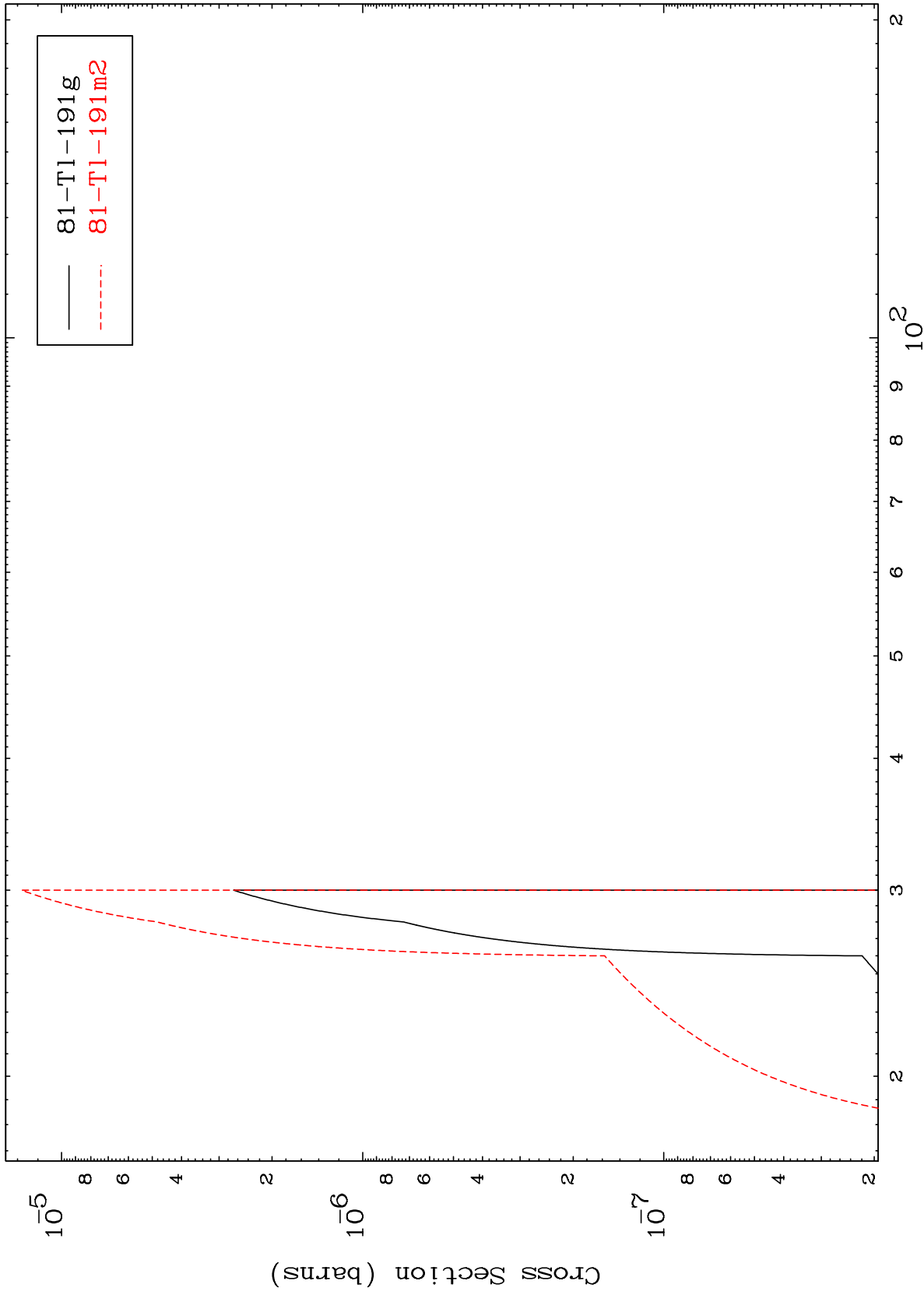
81-Tl-193

MAT 8096

$(\alpha, 2n) \alpha$

81-Tl-193

Radionuclide Production Cross Section



15

Incident Energy (MeV)

81-Tl-193

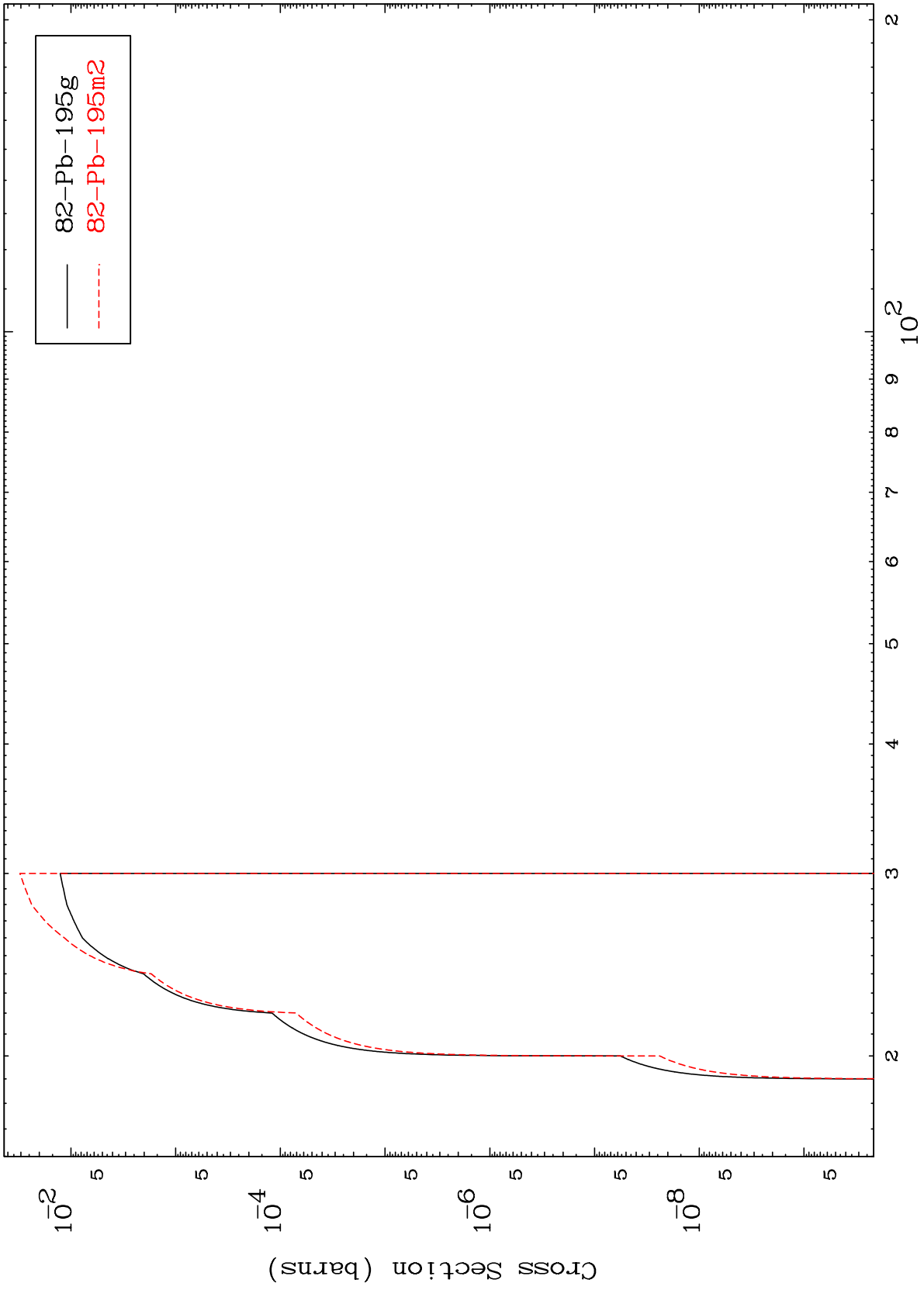


MAT 8096

$(\alpha, n')$  p

81-Tl-193

Radionuclide Production Cross Section



16

Incident Energy (MeV)

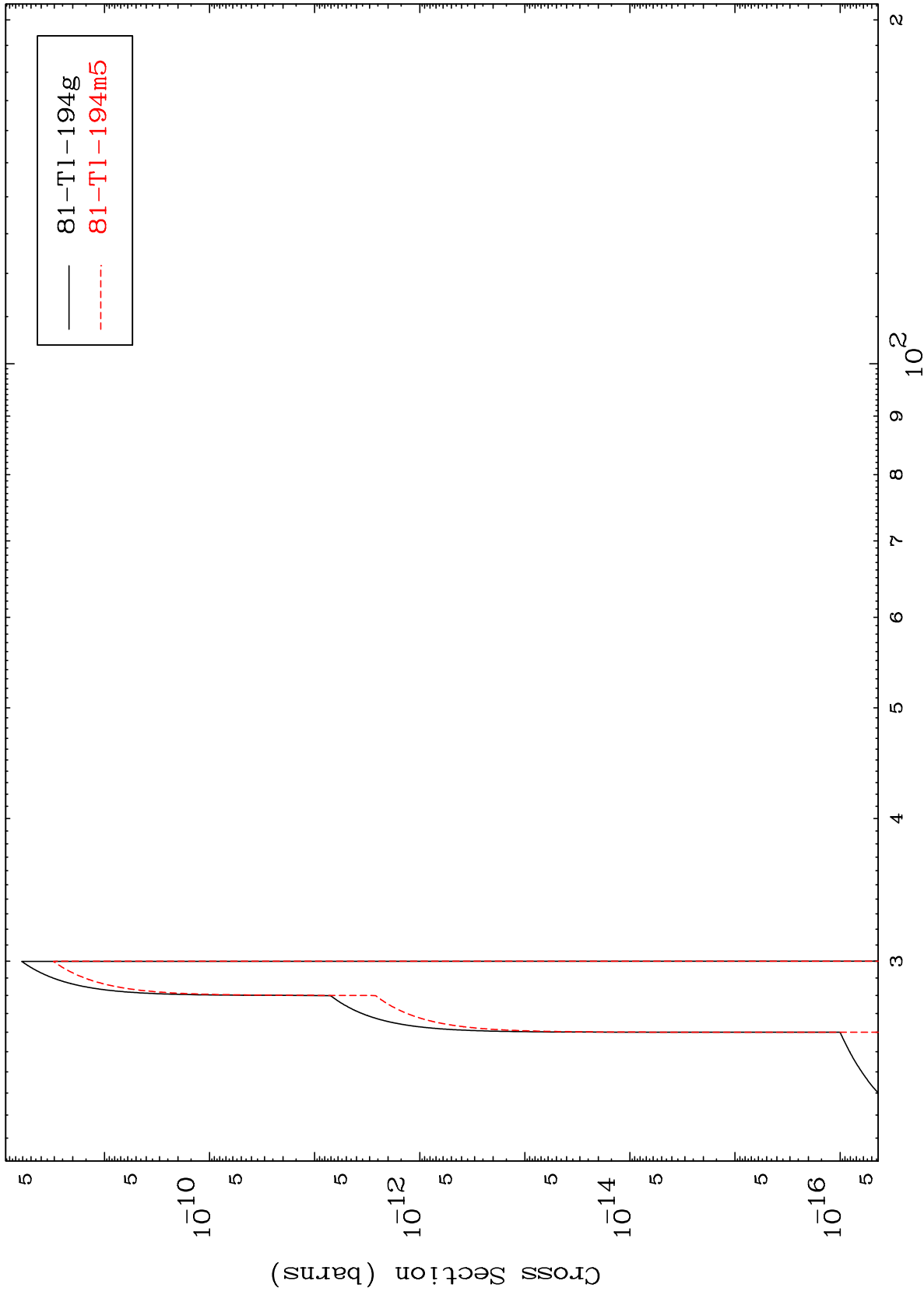
81-Tl-193

MAT 8096

( $\alpha, 2n$ ) p

81-Tl-193

Radionuclide Production Cross Section



17

Incident Energy (MeV)

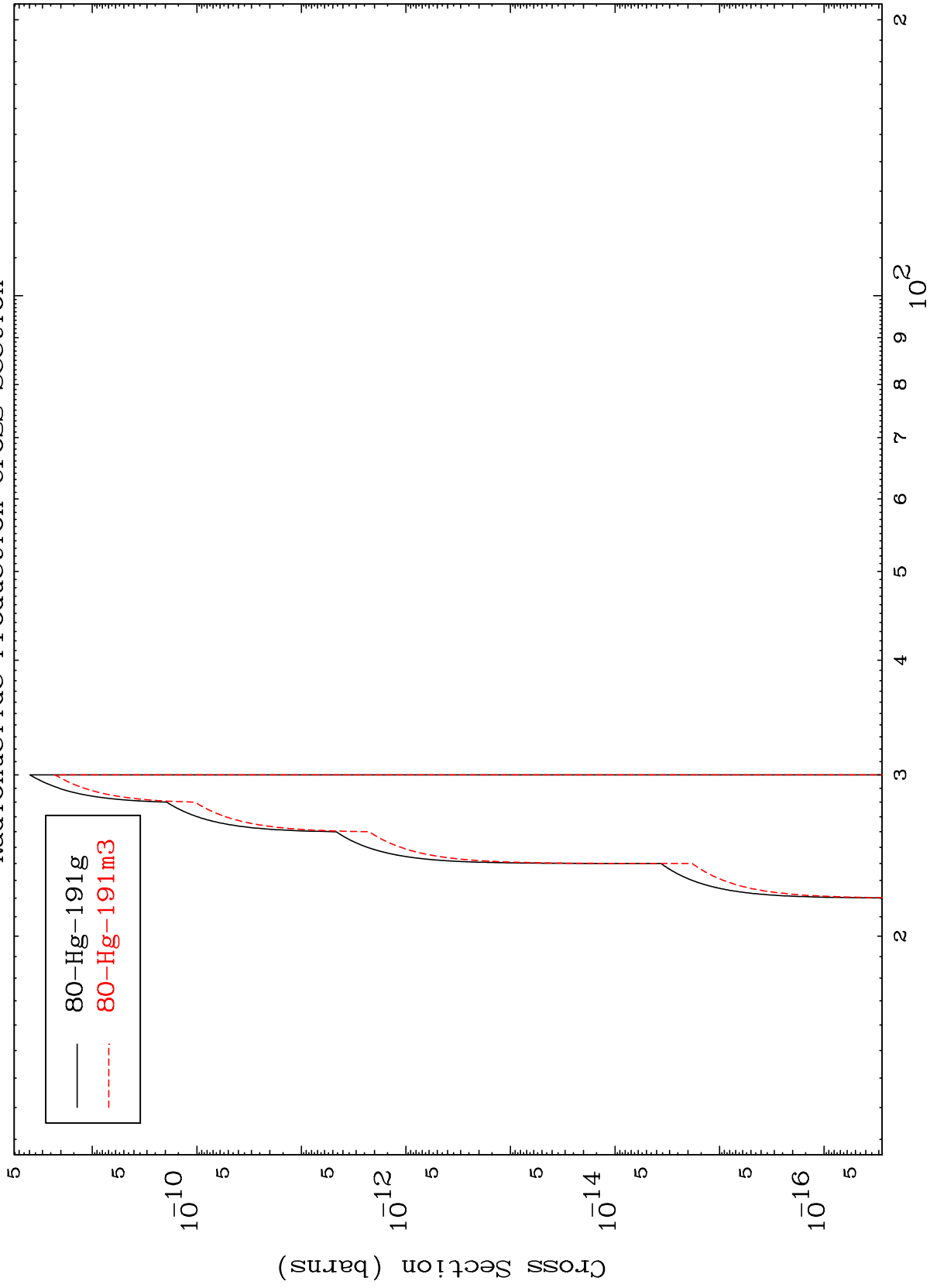
81-Tl-193

MAT 8096

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

81-T1-193

Radionuclide Production Cross Section



18

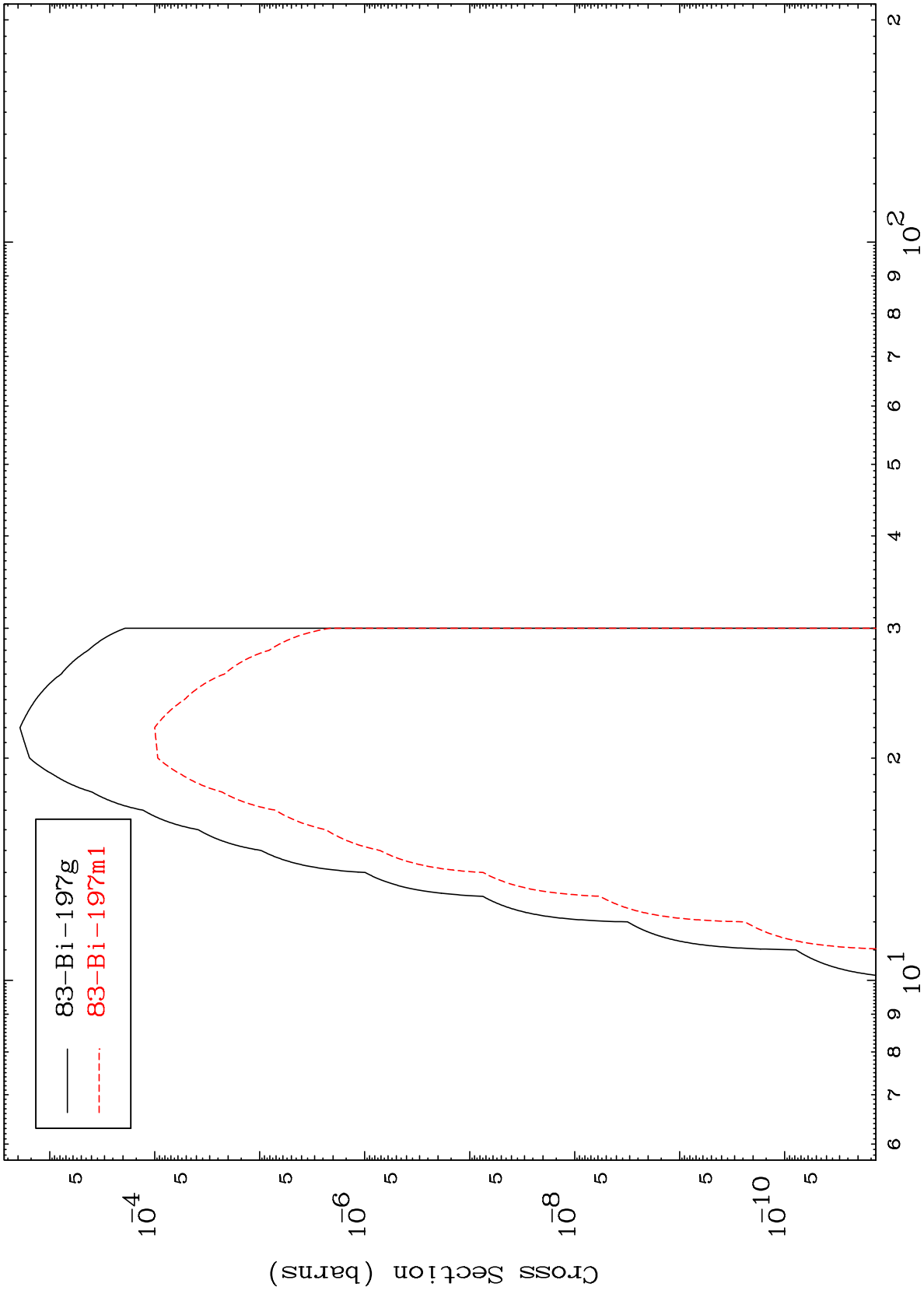
Incident Energy (MeV)

81-T1-193

MAT 8096

81-Tl-193

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



19

Incident Energy (MeV)

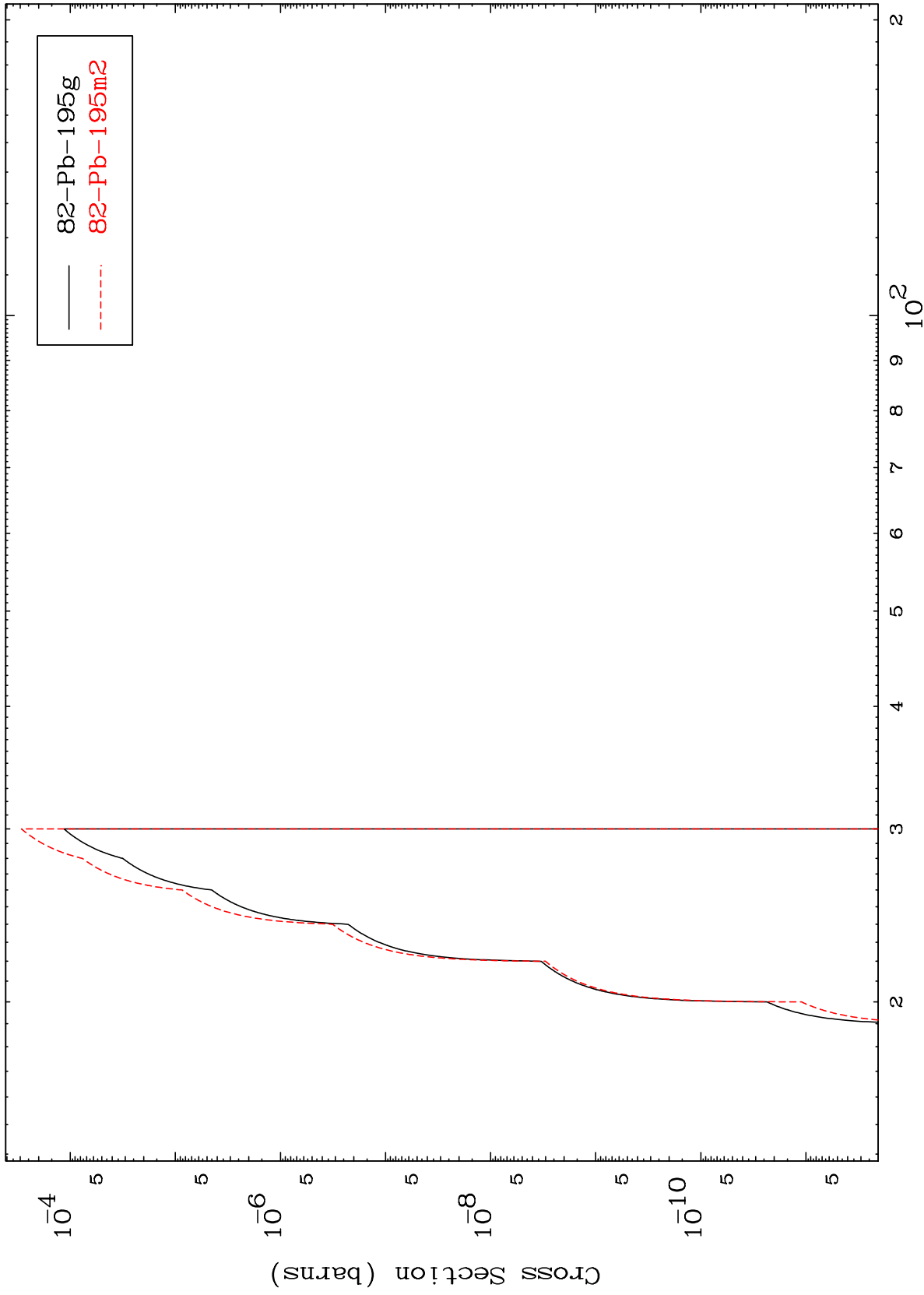
81-Tl-193

MAT 8096

( $\alpha, d$ )

81-T1-193

Radionuclide Production Cross Section



20

Incident Energy (MeV)

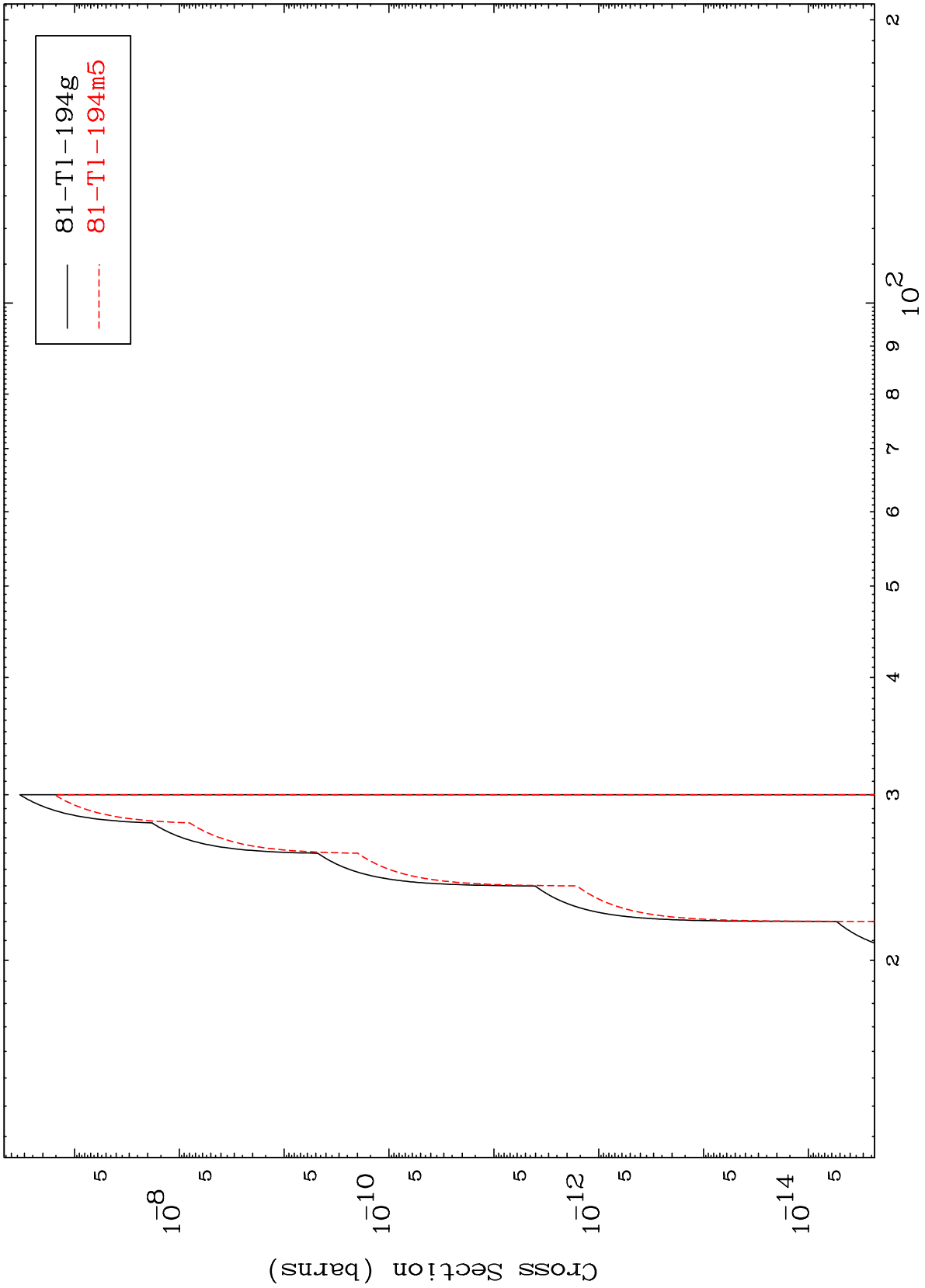
81-T1-193

MAT 8096

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

81-Tl-193

Radionuclide Production Cross Section



21

Incident Energy (MeV)

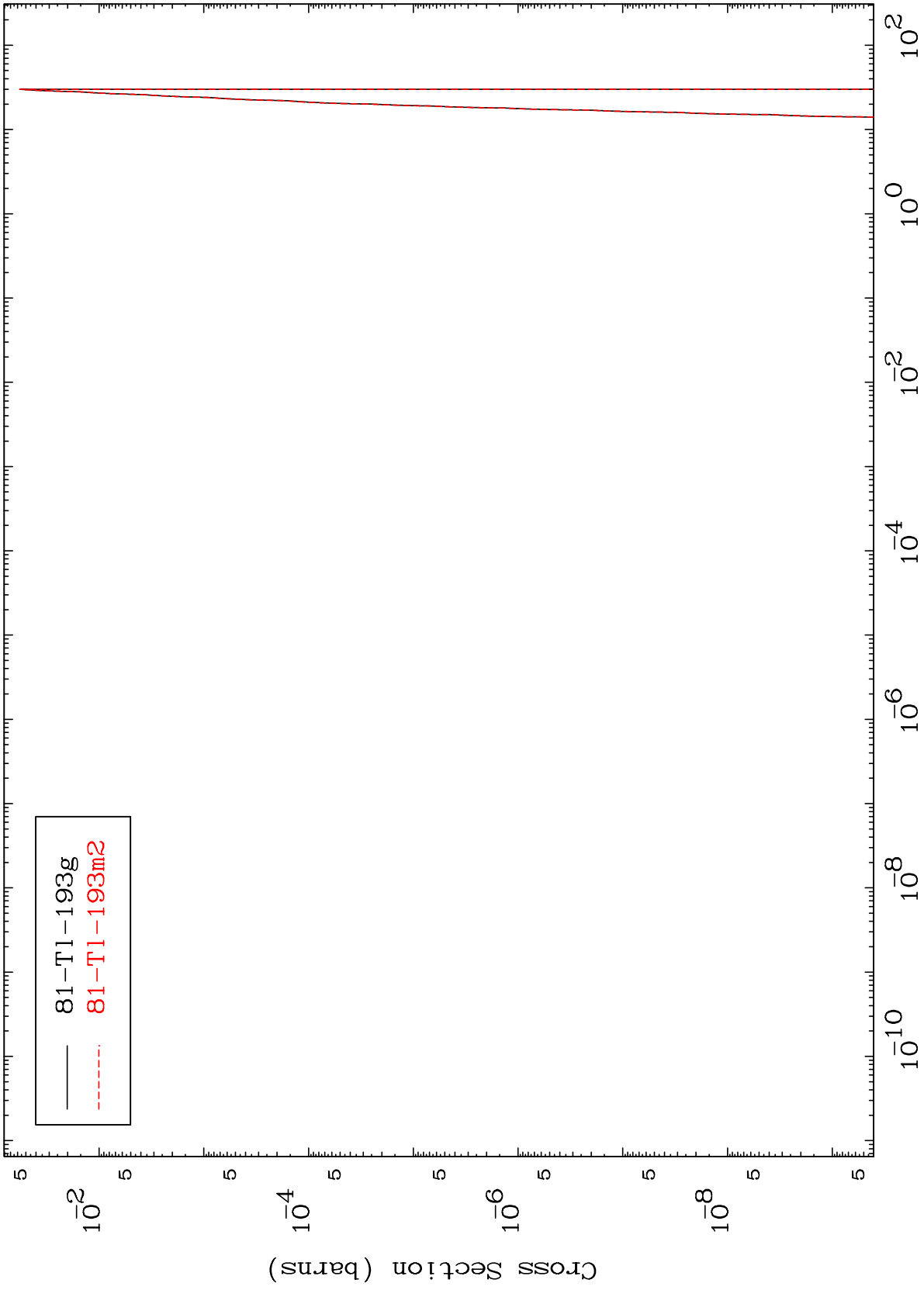
81-Tl-193

MAT 8096

$(\alpha, \alpha)$

81-Tl-193

Radionuclide Production Cross Section



22

Incident Energy (MeV)

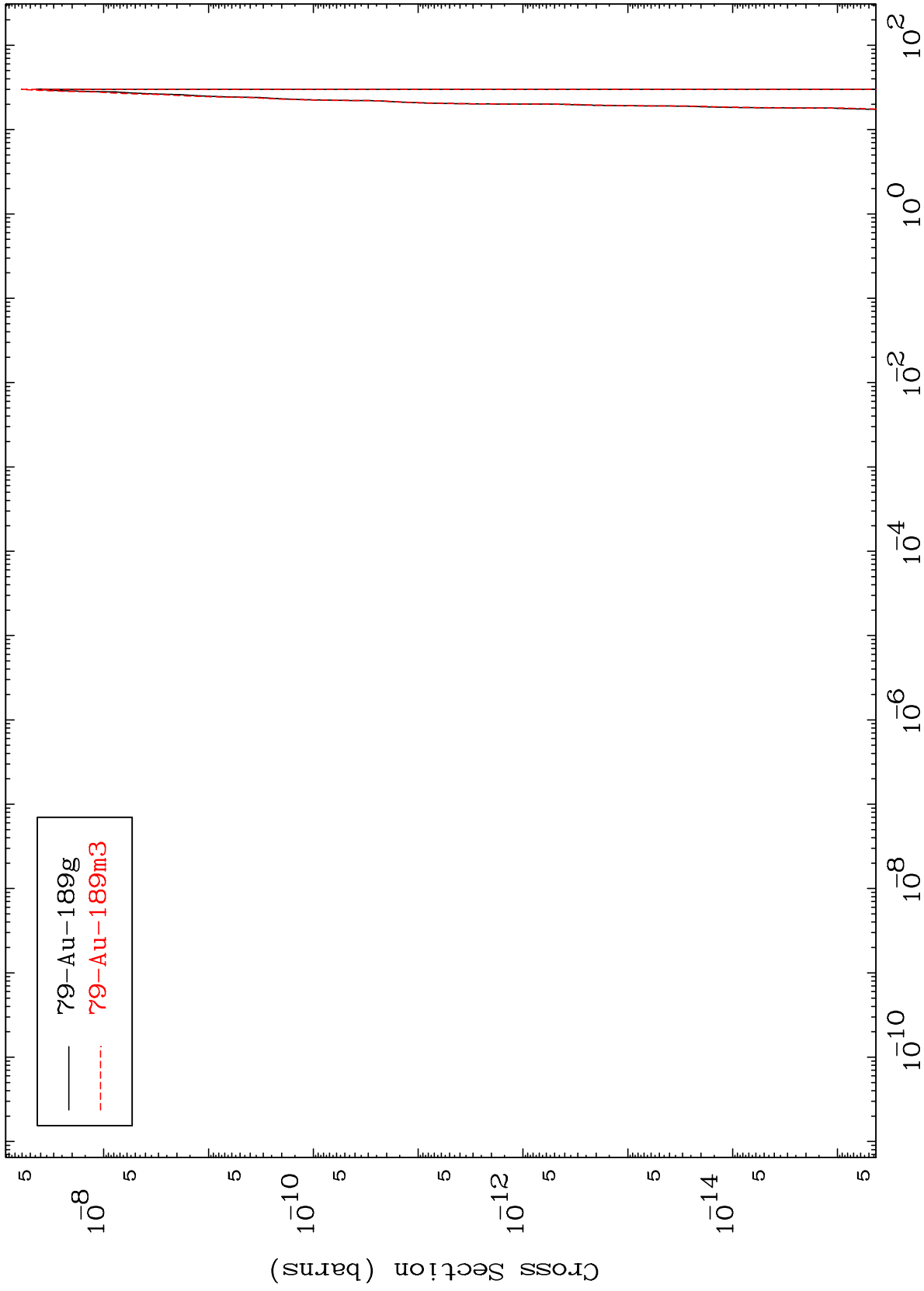
81-Tl-193

MAT 8096

( $\alpha, 2\alpha$ )

81-Tl-193

Radionuclide Production Cross Section



23

Incident Energy (MeV)

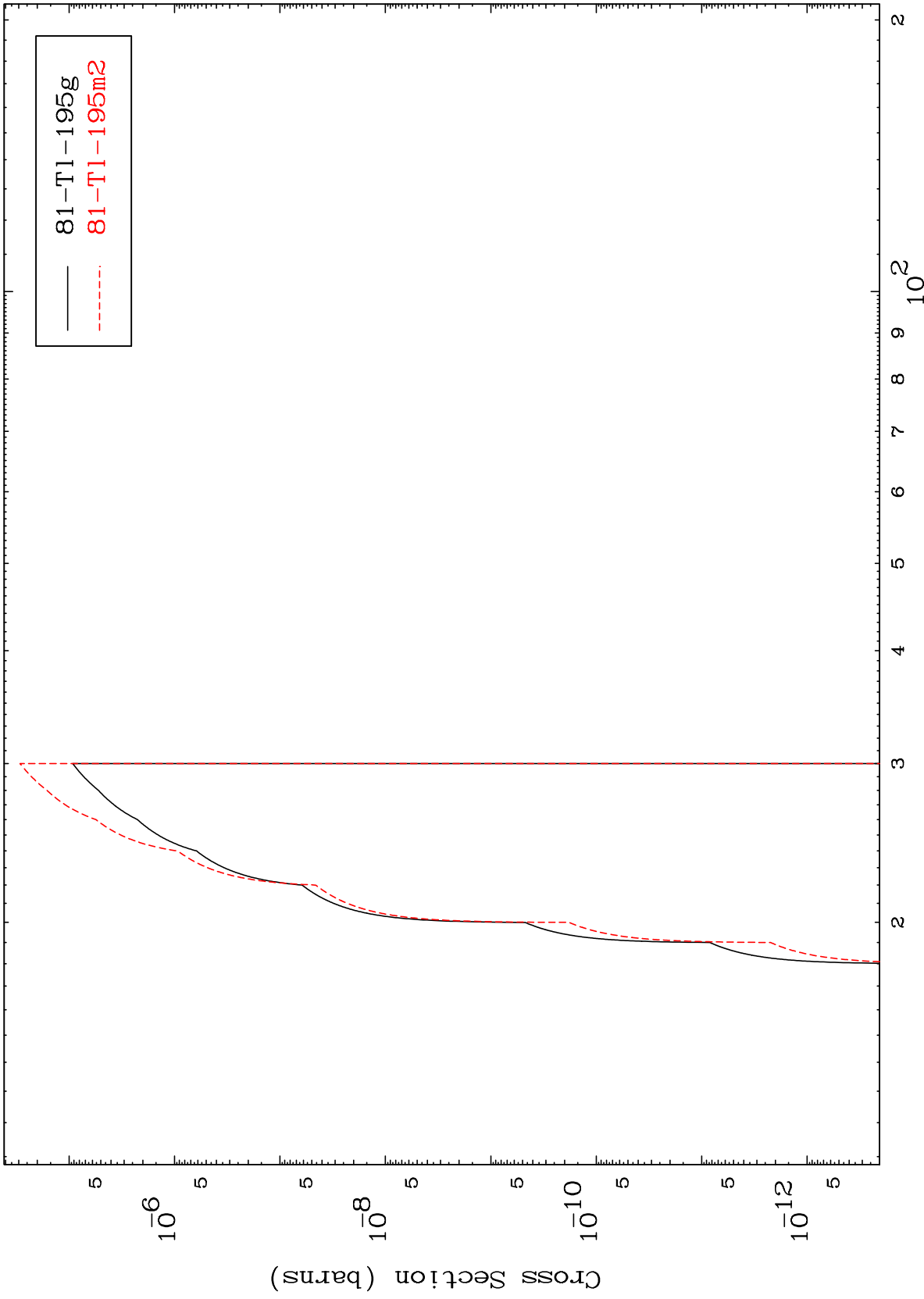
81-Tl-193



MAT 8096

81-Tl-193

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



24

81-Tl-193

Incident Energy (MeV)