

Program EVALPLOT  
(Version 2018-1)

by

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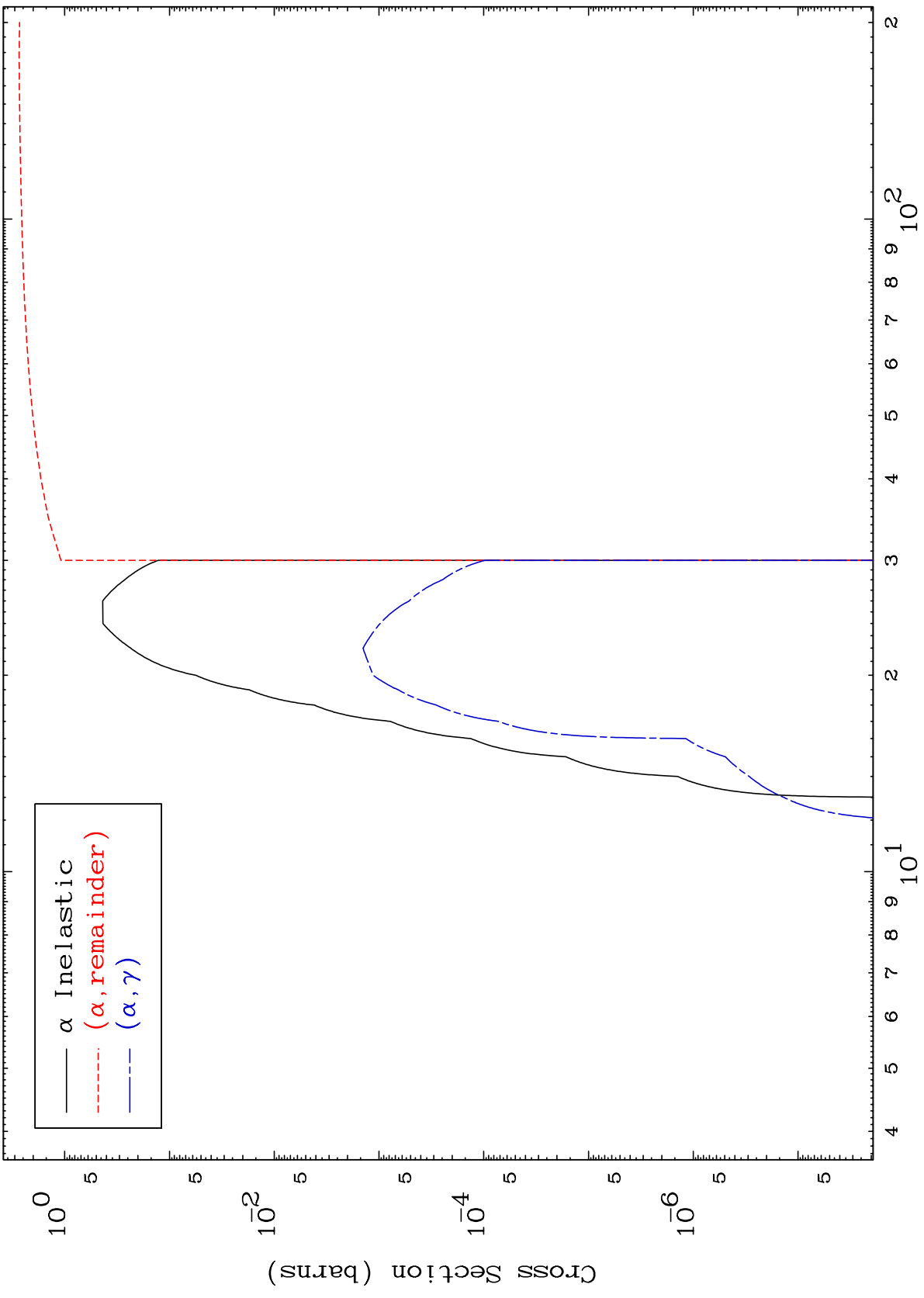
Press Mouse Button to Start

MAT 8017

$\alpha$  Major

80-Hg-193

0 Kelvin Cross Sections



$\alpha$  Inelastic  
( $\alpha$ , remainder)  
( $\alpha$ ,  $\gamma$ )

1

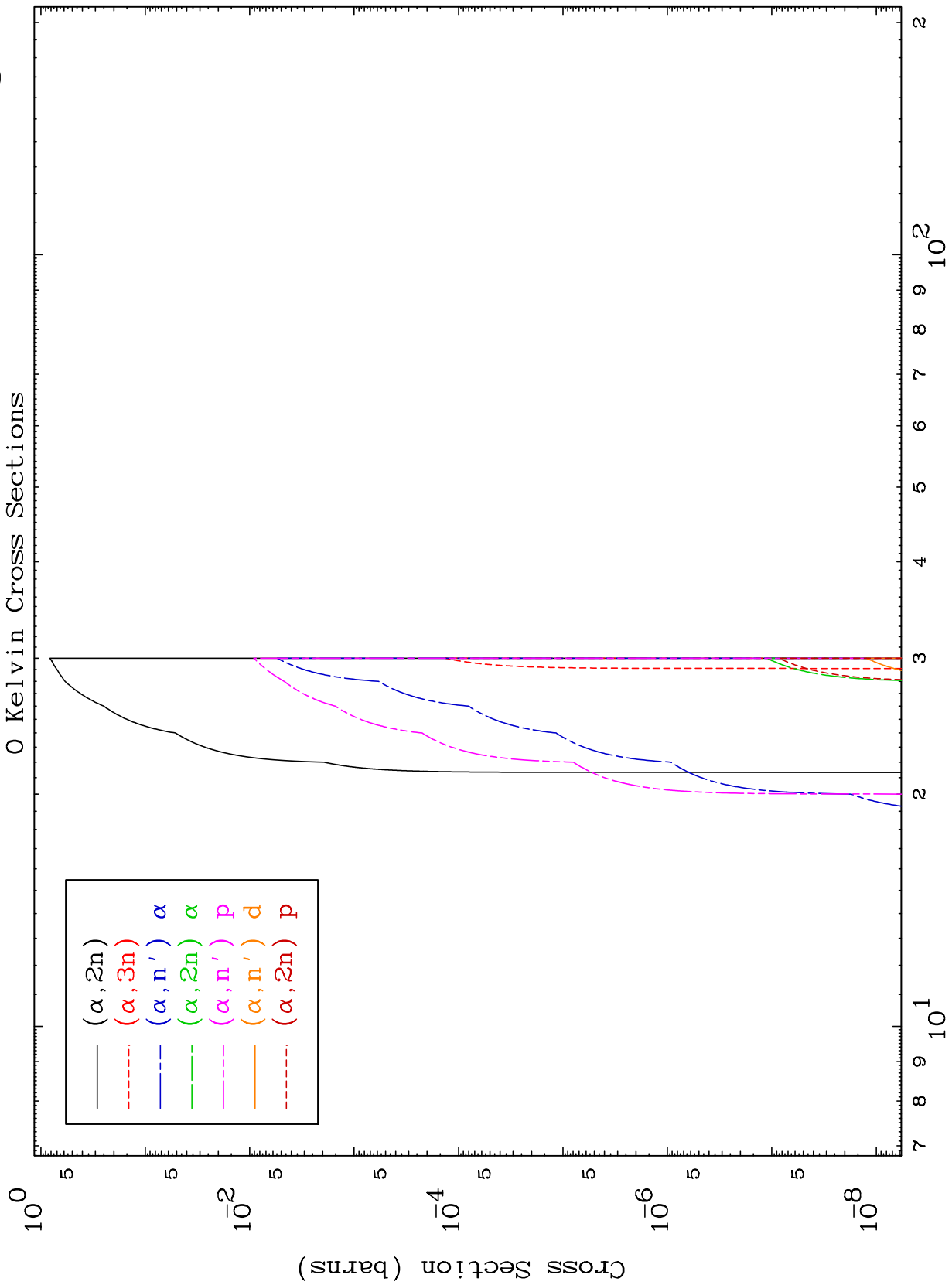
Incident Energy (MeV)

80-Hg-193

MAT 8017

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

80-Hg-193



Incident Energy (MeV)

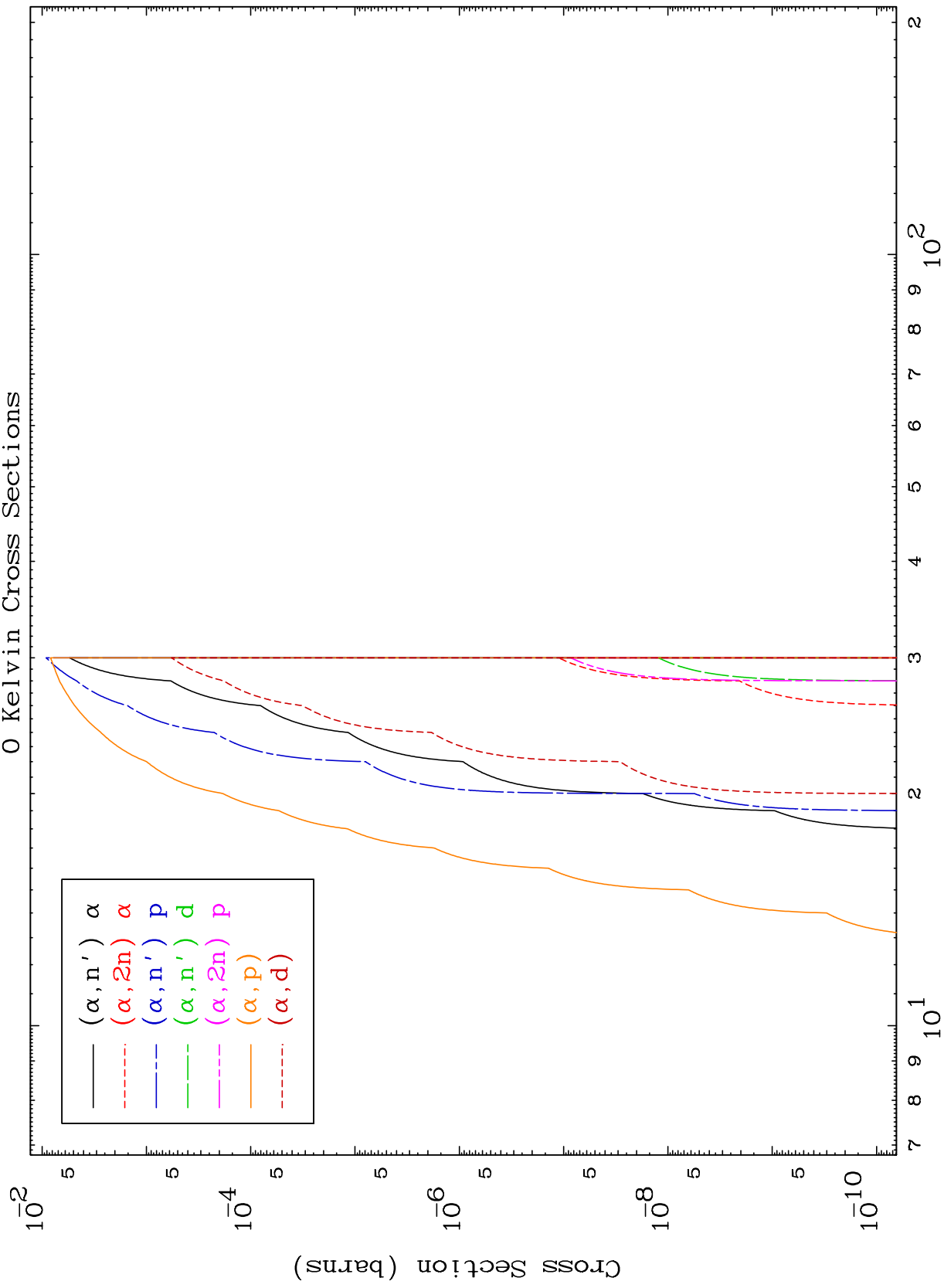
80-Hg-193

2

MAT 8017

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

80-Hg-193



3

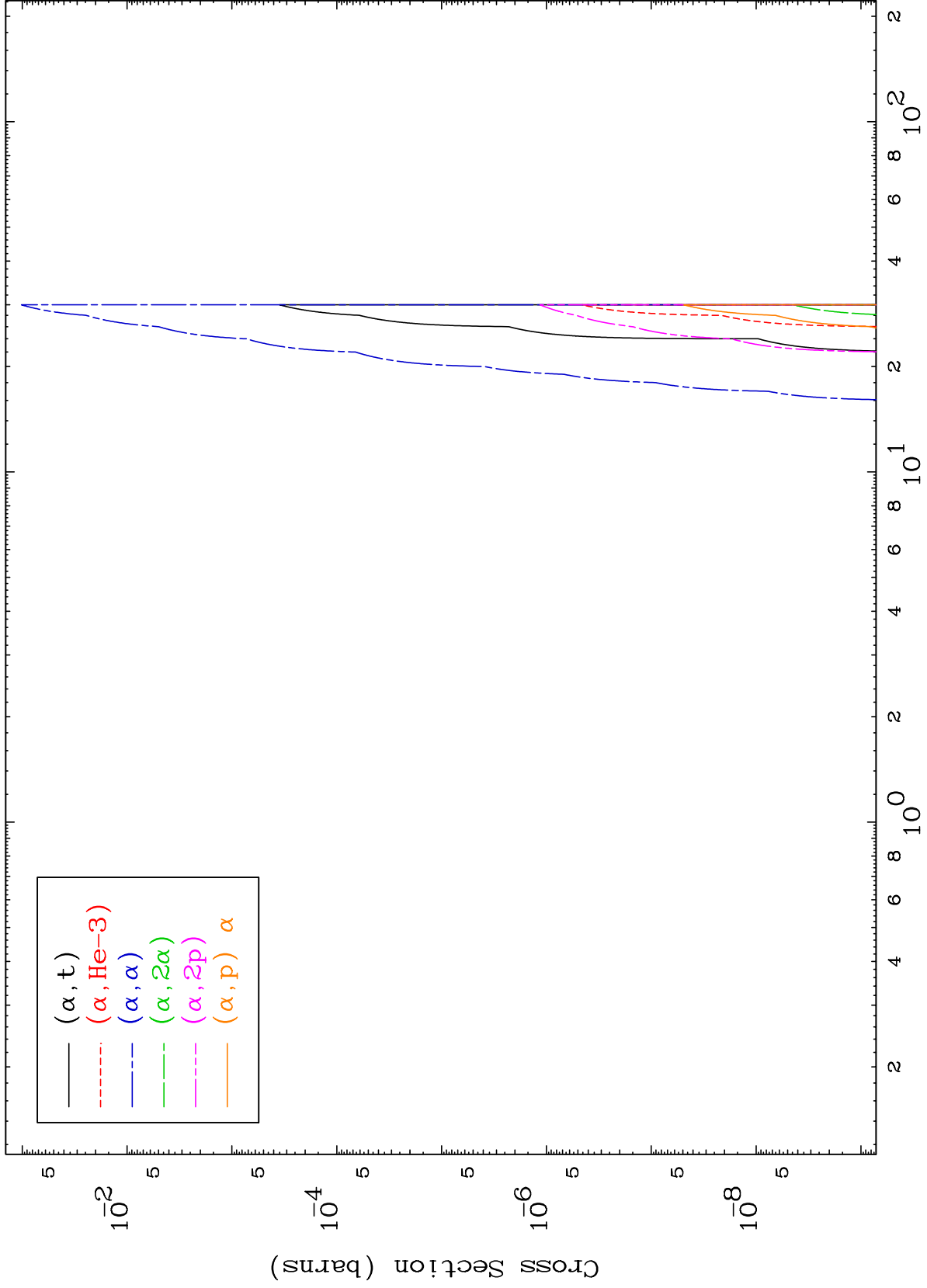
Incident Energy (MeV)

80-Hg-193

MAT 8017

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

80-Hg-193

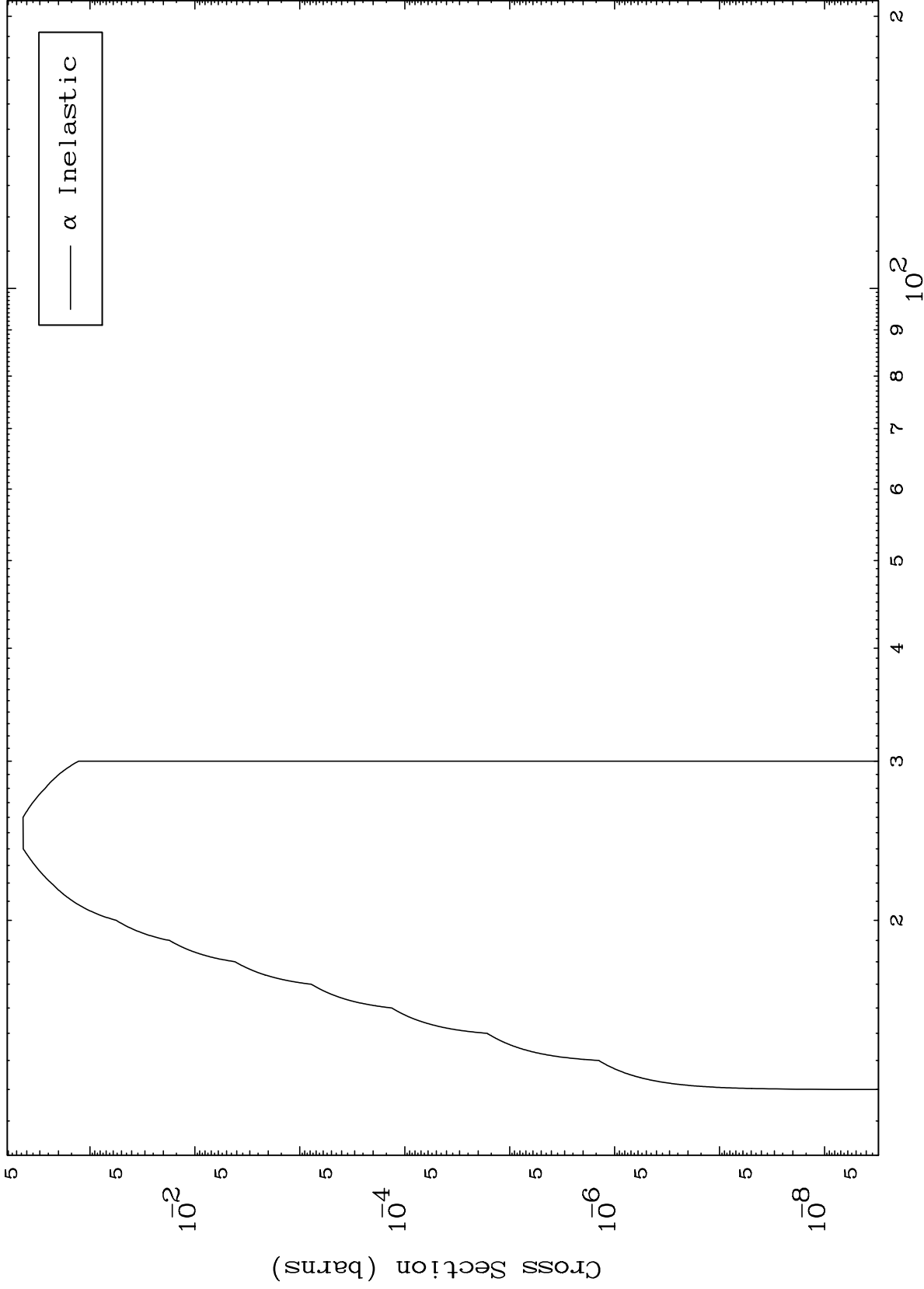


MAT 8017

( $\alpha, n'$ ) Level

80-Hg-193

0 Kelvin Cross Sections



Incident Energy (MeV)

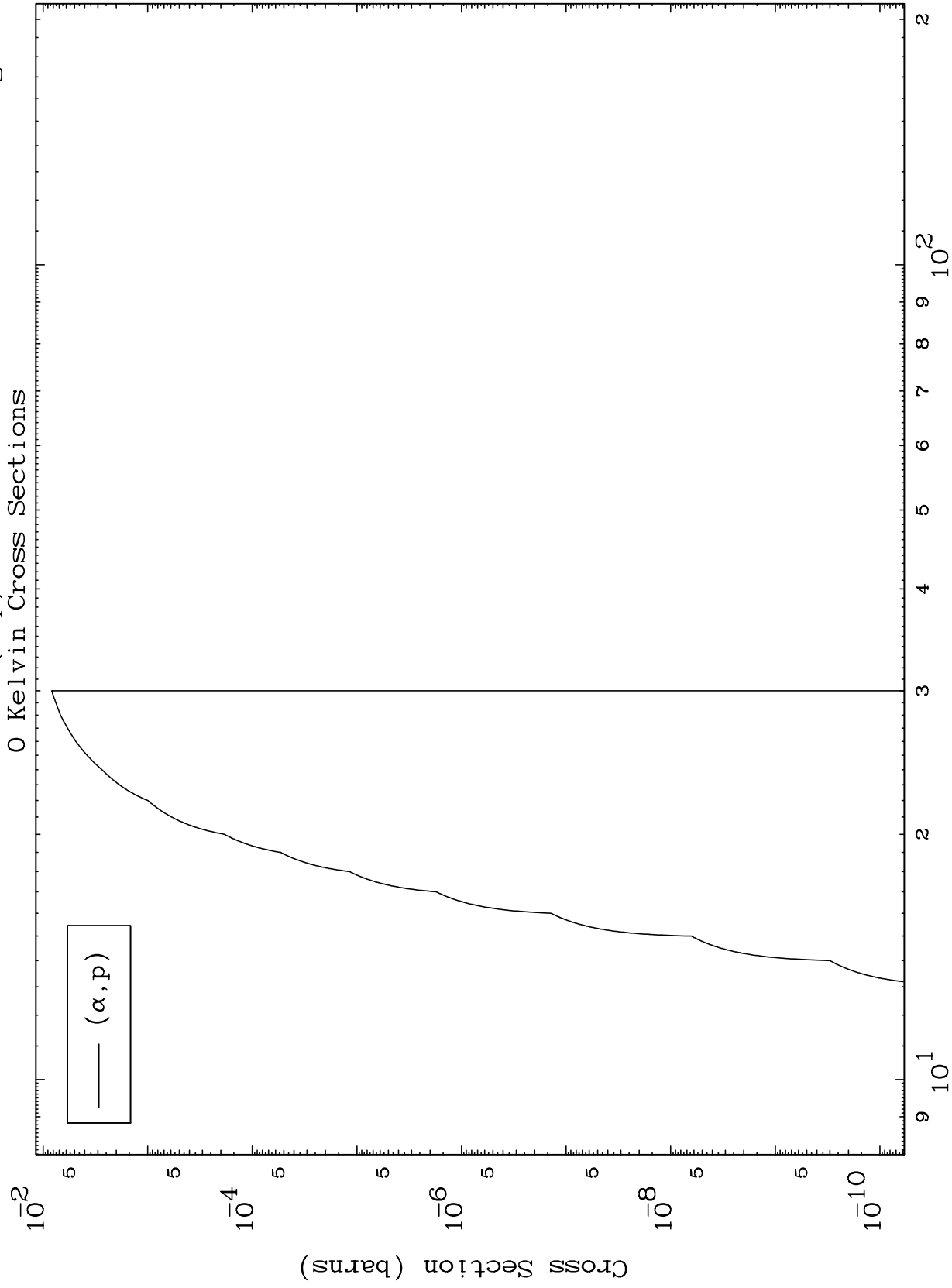
80-Hg-193

5

MAT 8017

( $\alpha, p$ ) Levels

80-Hg-193



80-Hg-193

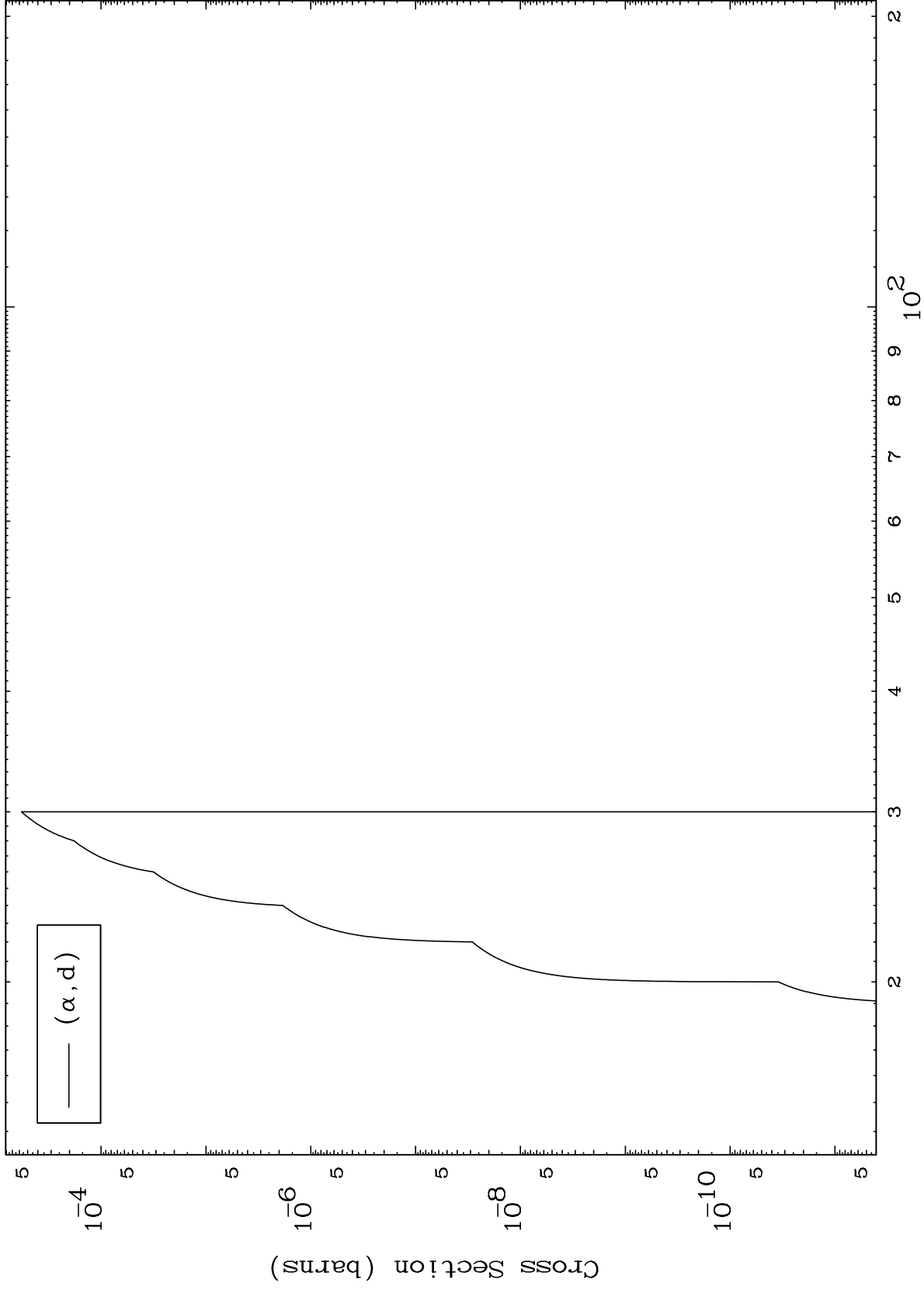
80-Hg-193

6

MAT 8017

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

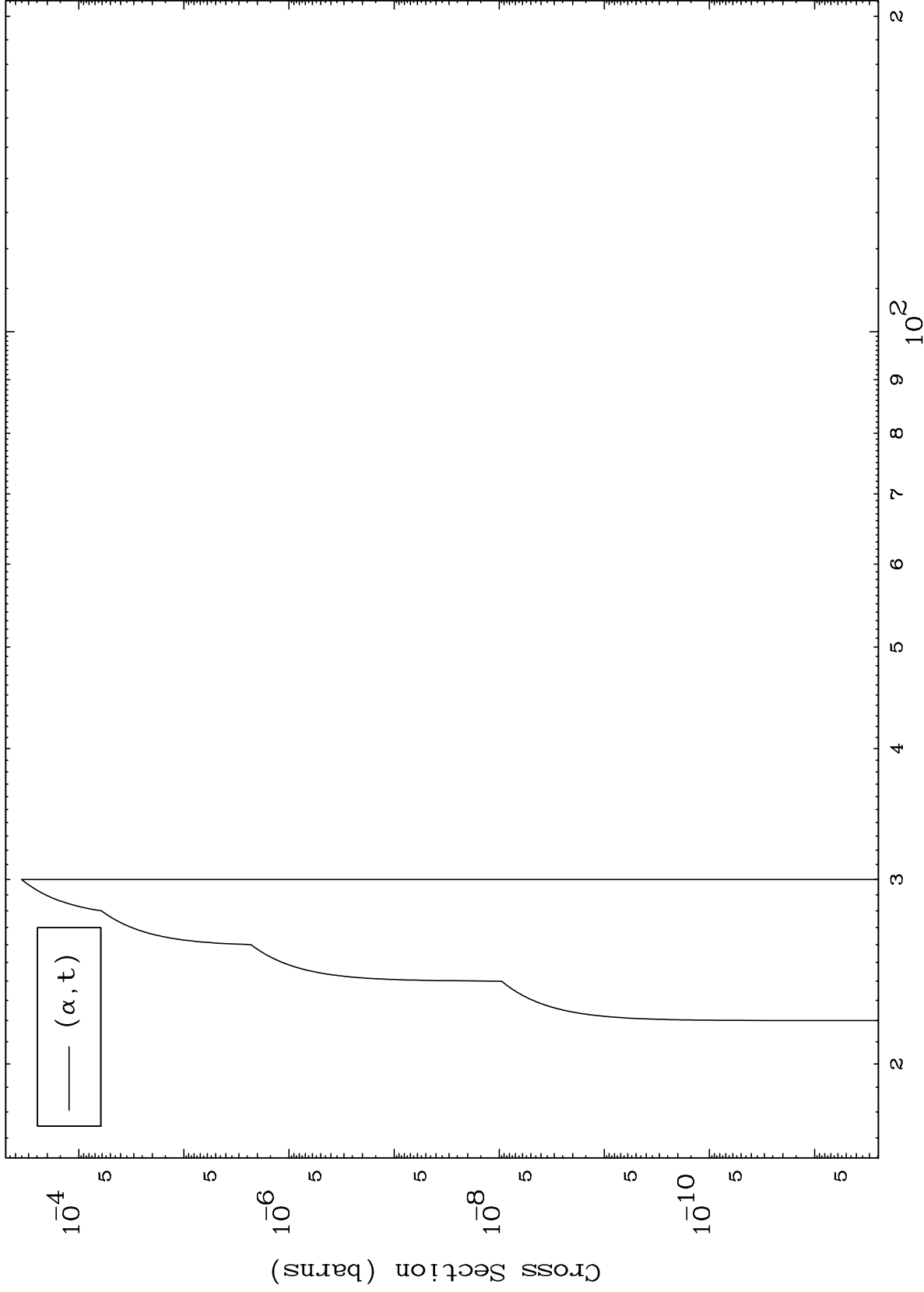
80-Hg-193

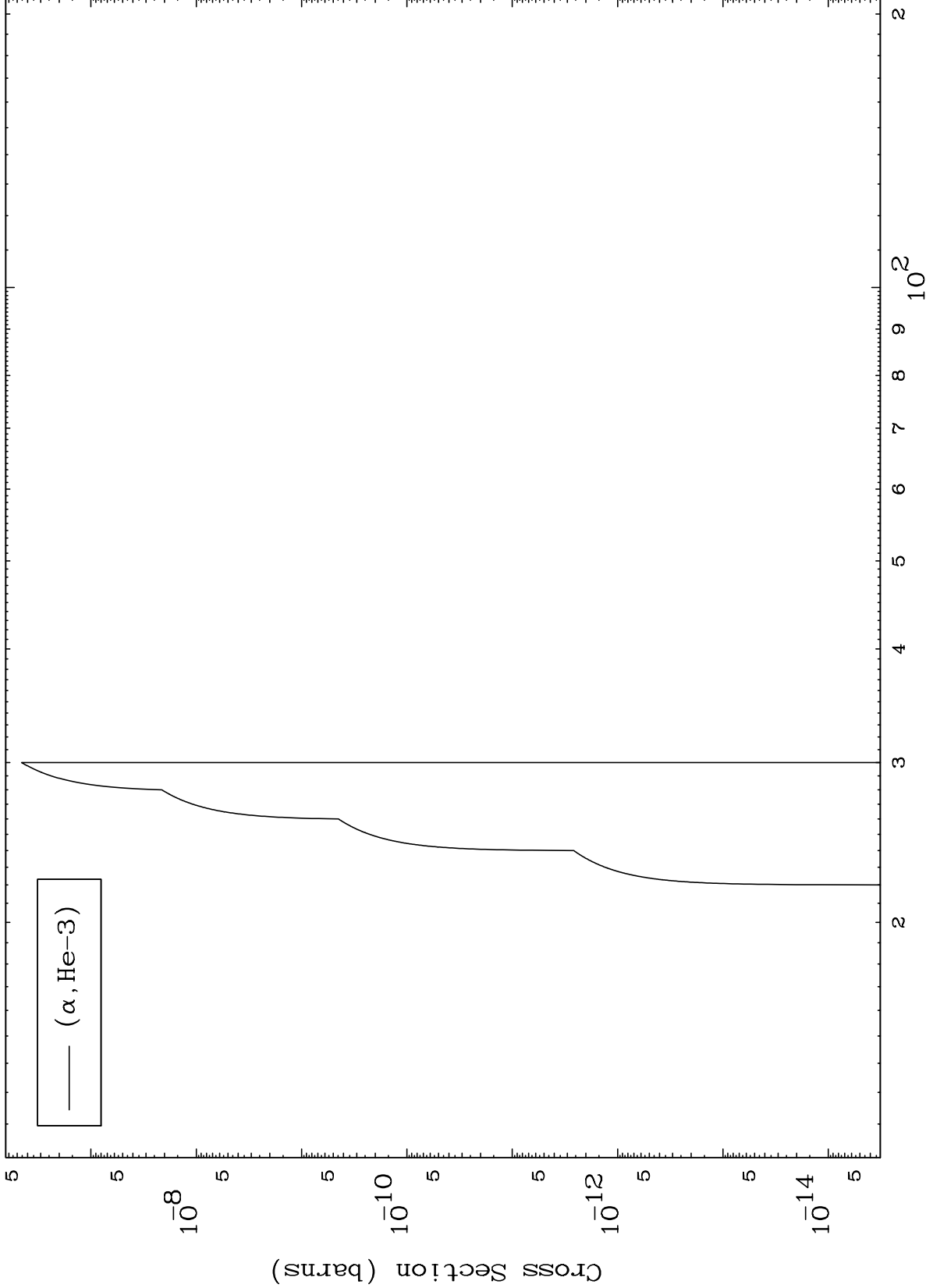


7

Incident Energy (MeV)

80-Hg-193

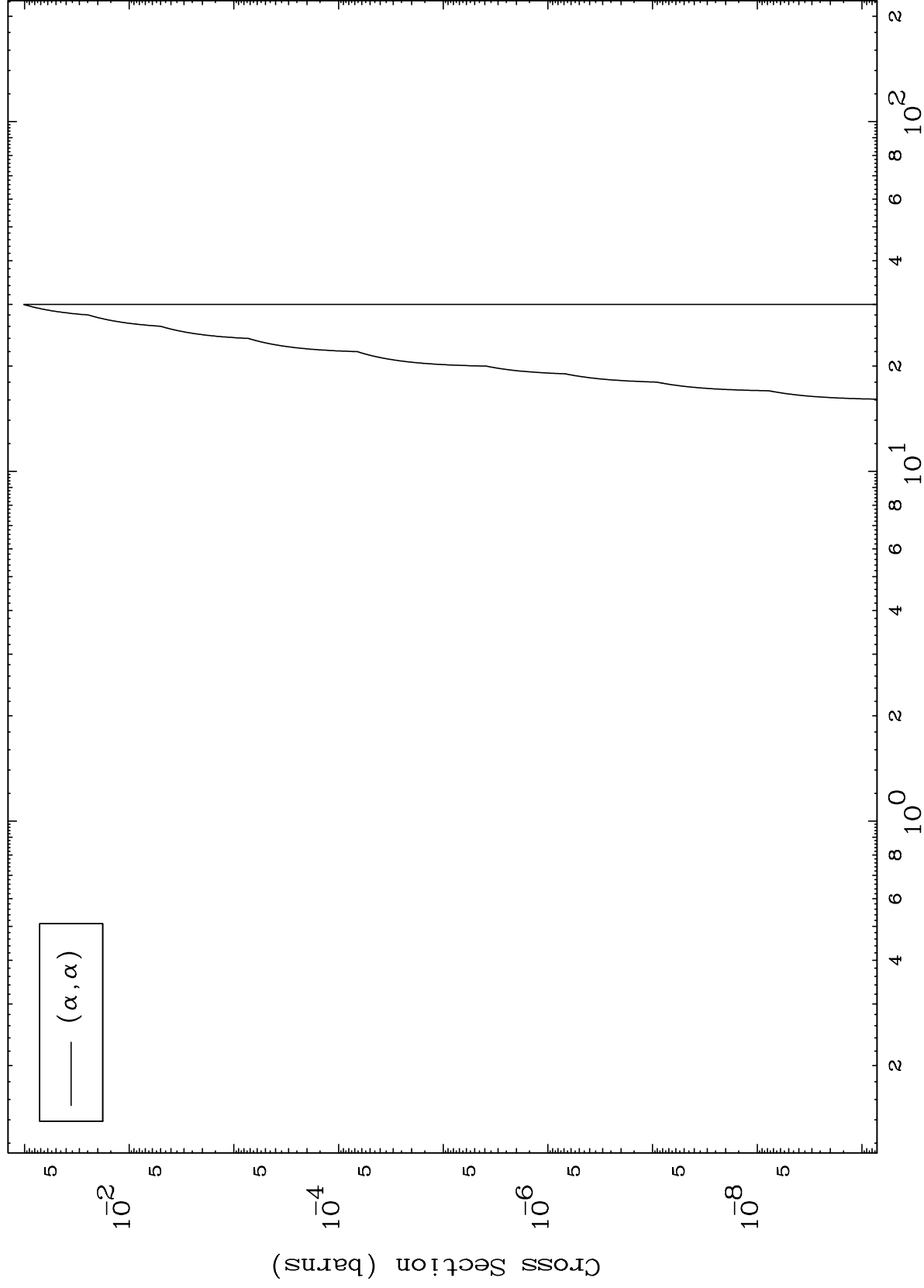




MAT 8017

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

80-Hg-193



10

Incident Energy (MeV)

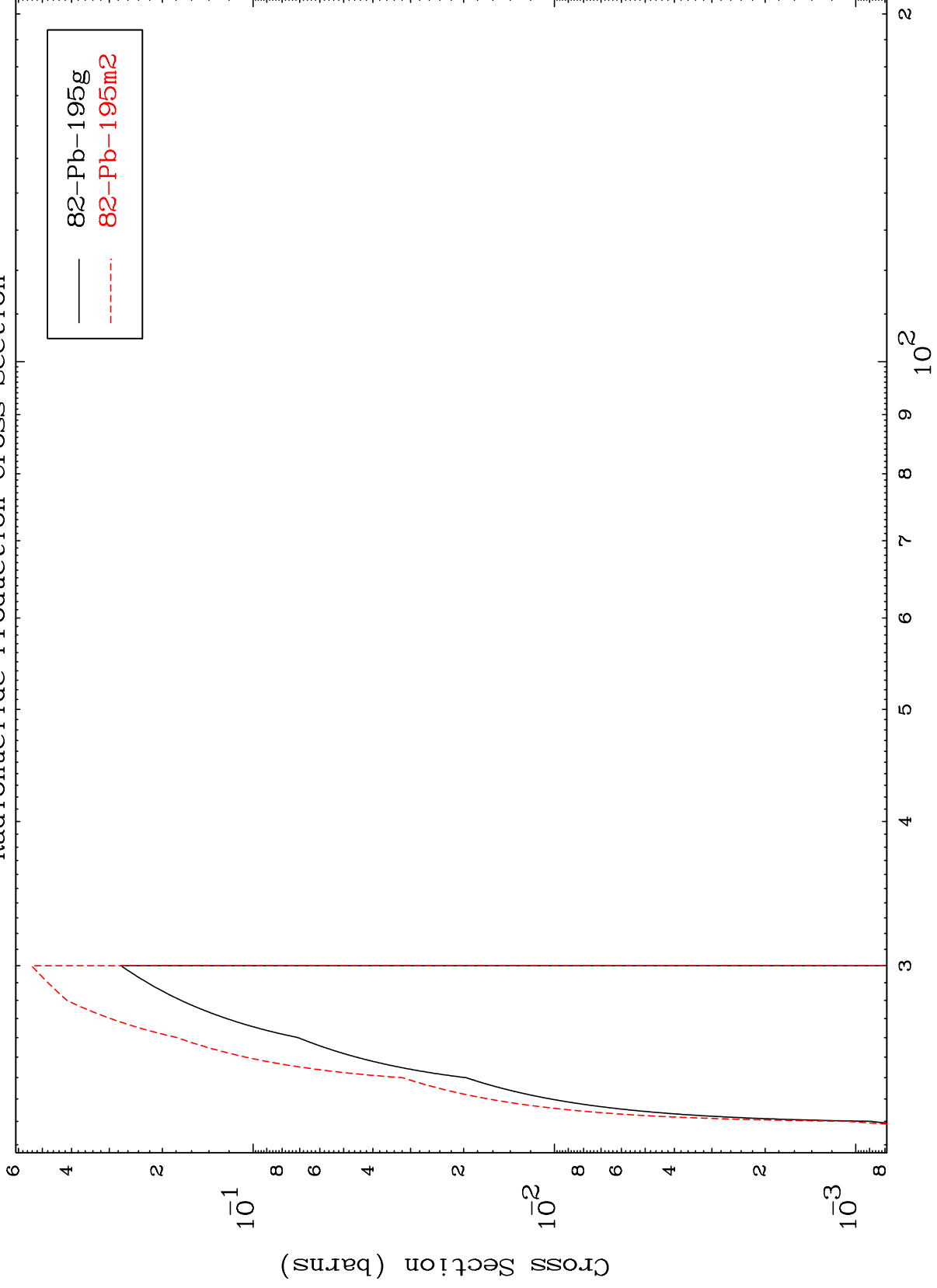
80-Hg-193

MAT 8017

( $\alpha, 2n$ )

80-Hg-193

Radionuclide Production Cross Section



11

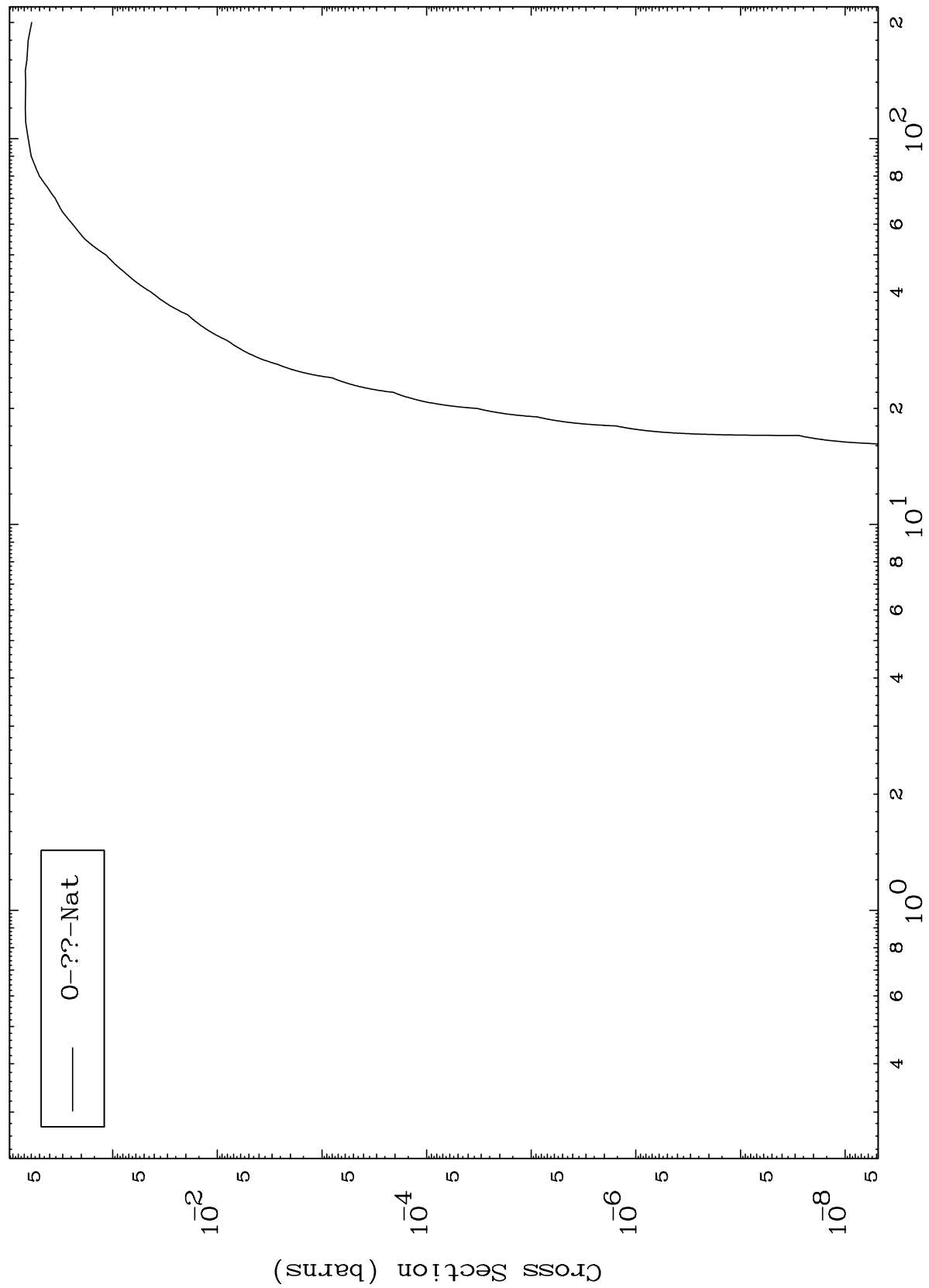
Incident Energy (MeV)

80-Hg-193

MAT 8017

80-Hg-193

$\alpha$  Fission  
Radionuclide Production Cross Section

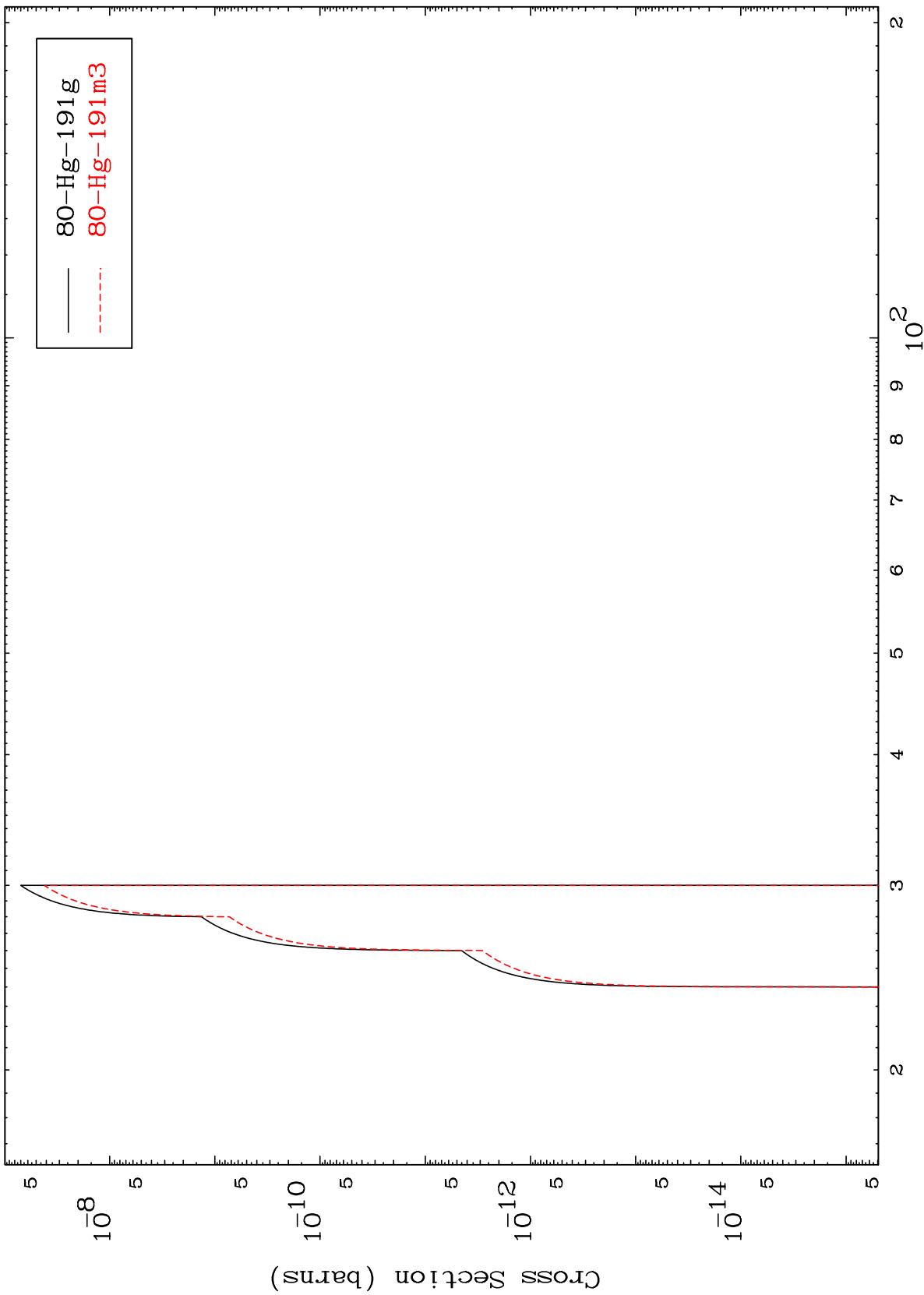


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$(\alpha, 2n)$   $\alpha$

80-Hg-193

Radionuclide Production Cross Section



13

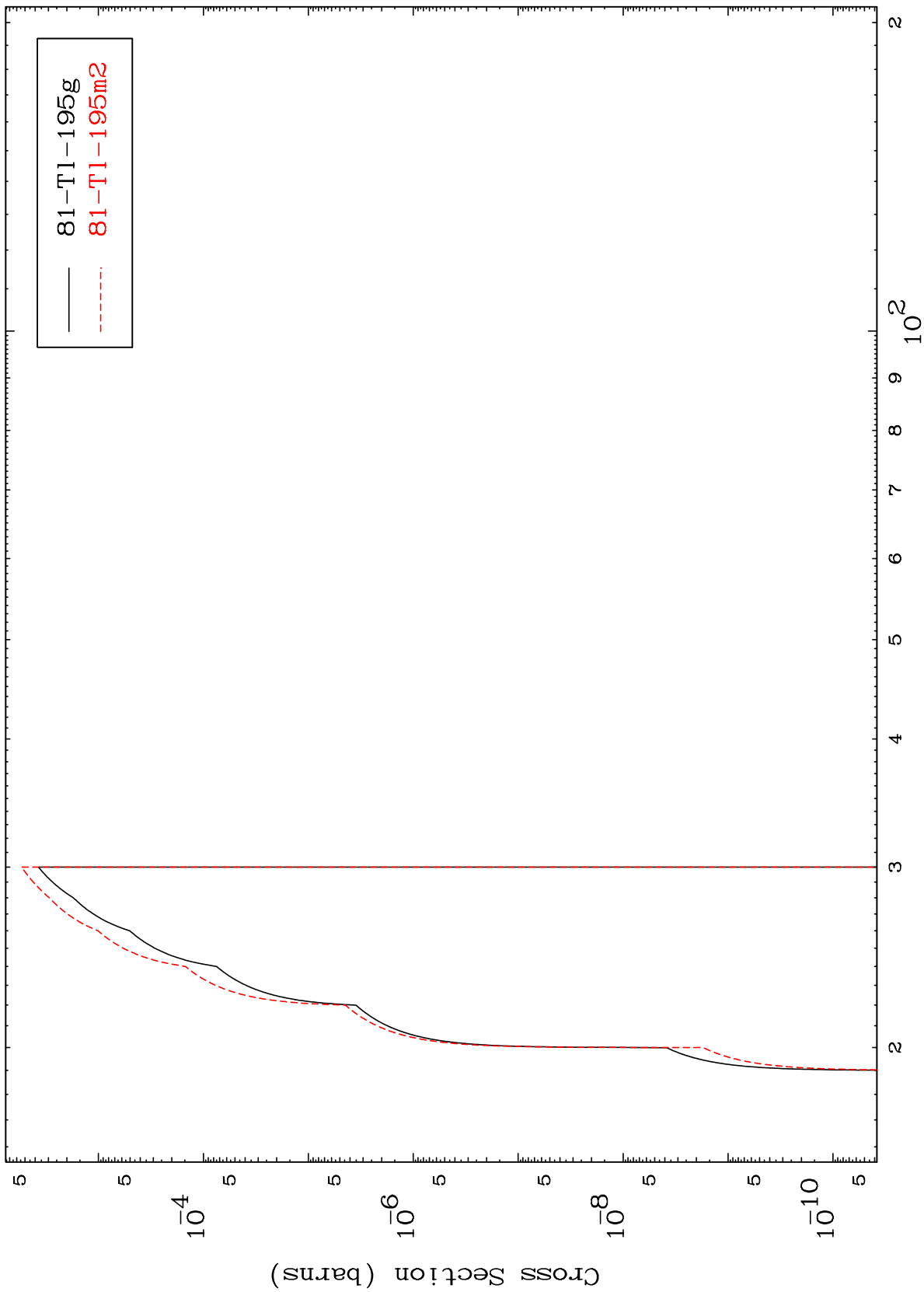
Incident Energy (MeV)

80-Hg-193

MAT 8017

80-Hg-193

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



14

Incident Energy (MeV)

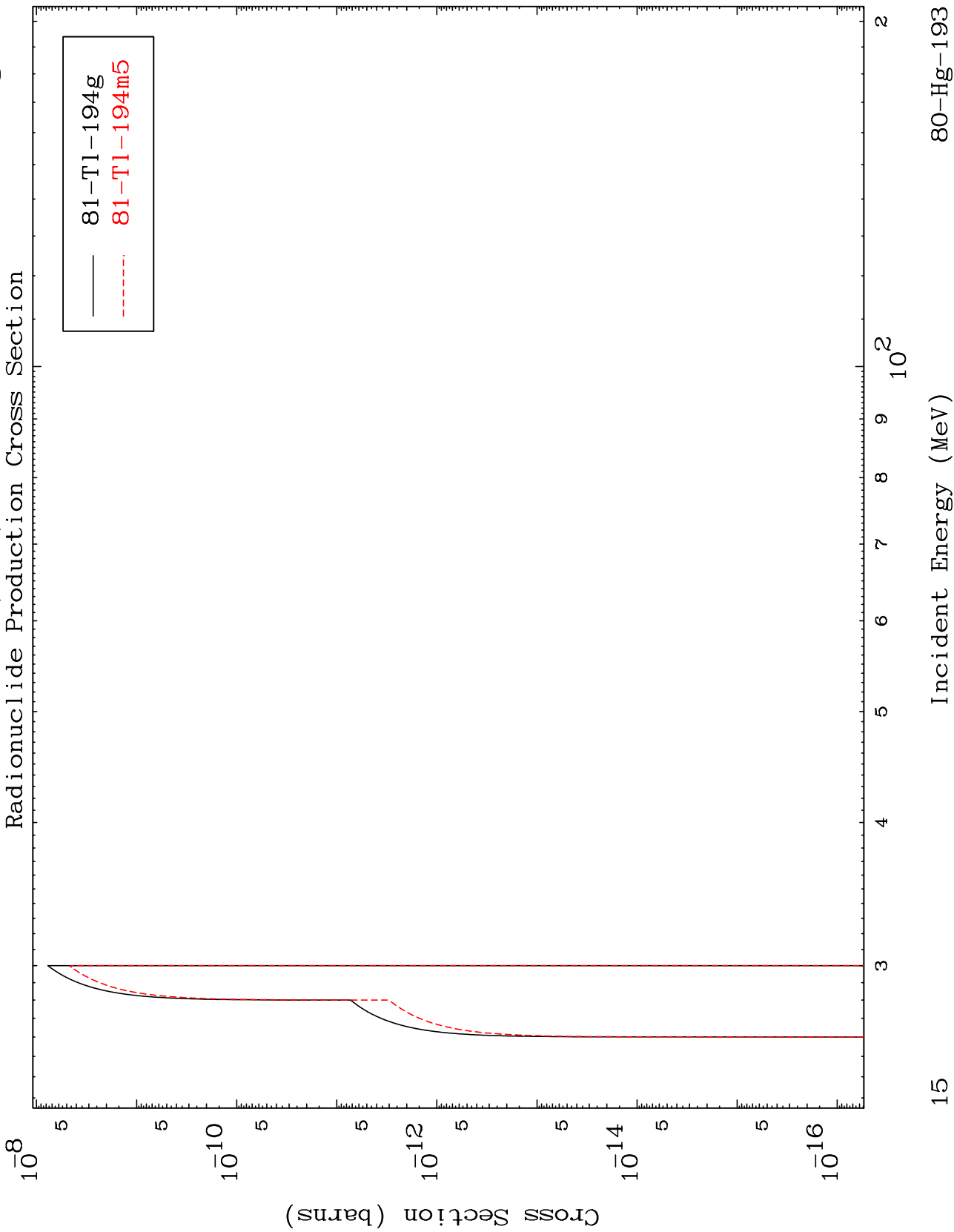
80-Hg-193

MAT 8017

$(\alpha, n')$  d

80-Hg-193

Radionuclide Production Cross Section

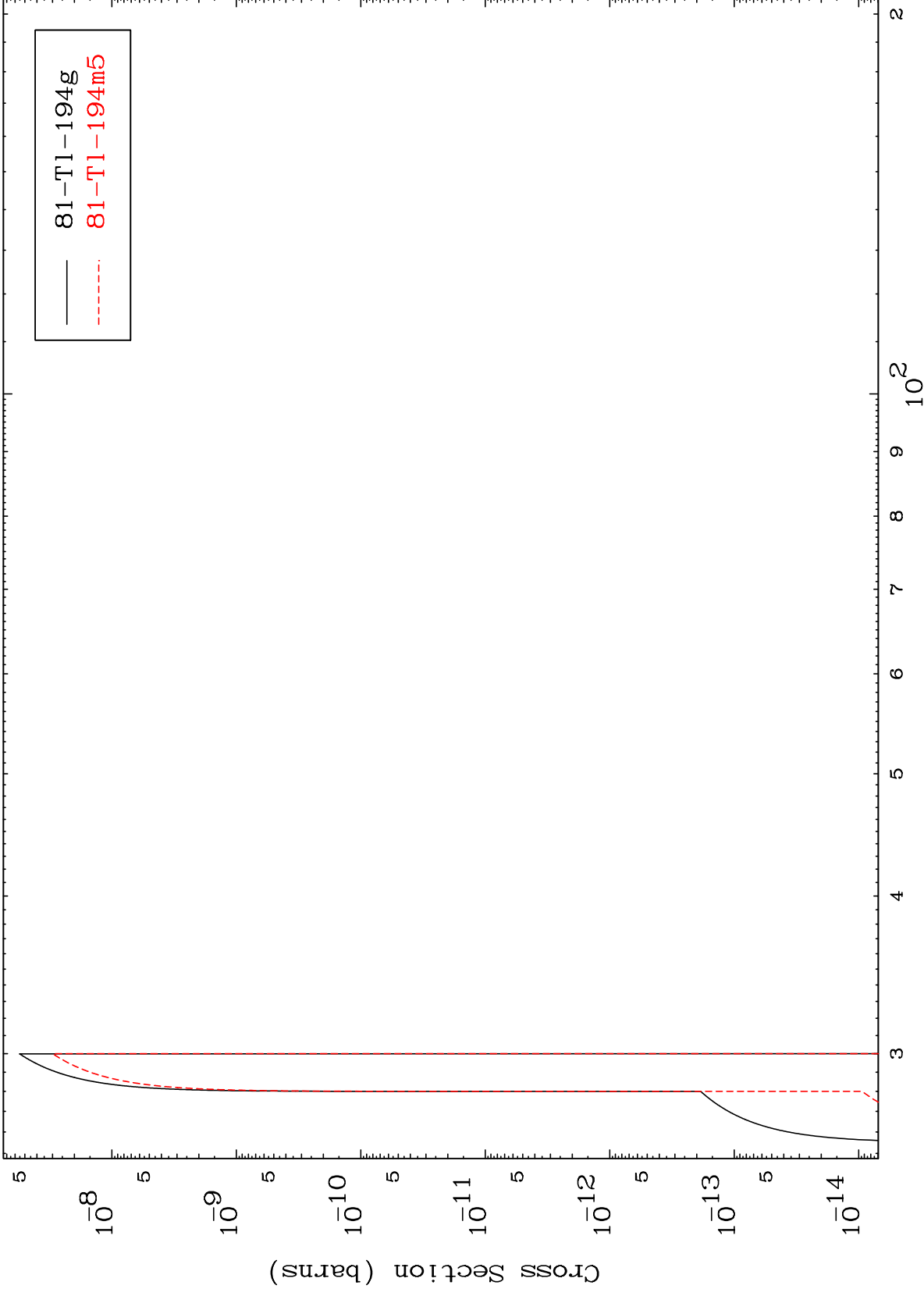


15

Incident Energy (MeV)

80-Hg-193

Radionuclide Production Cross Section

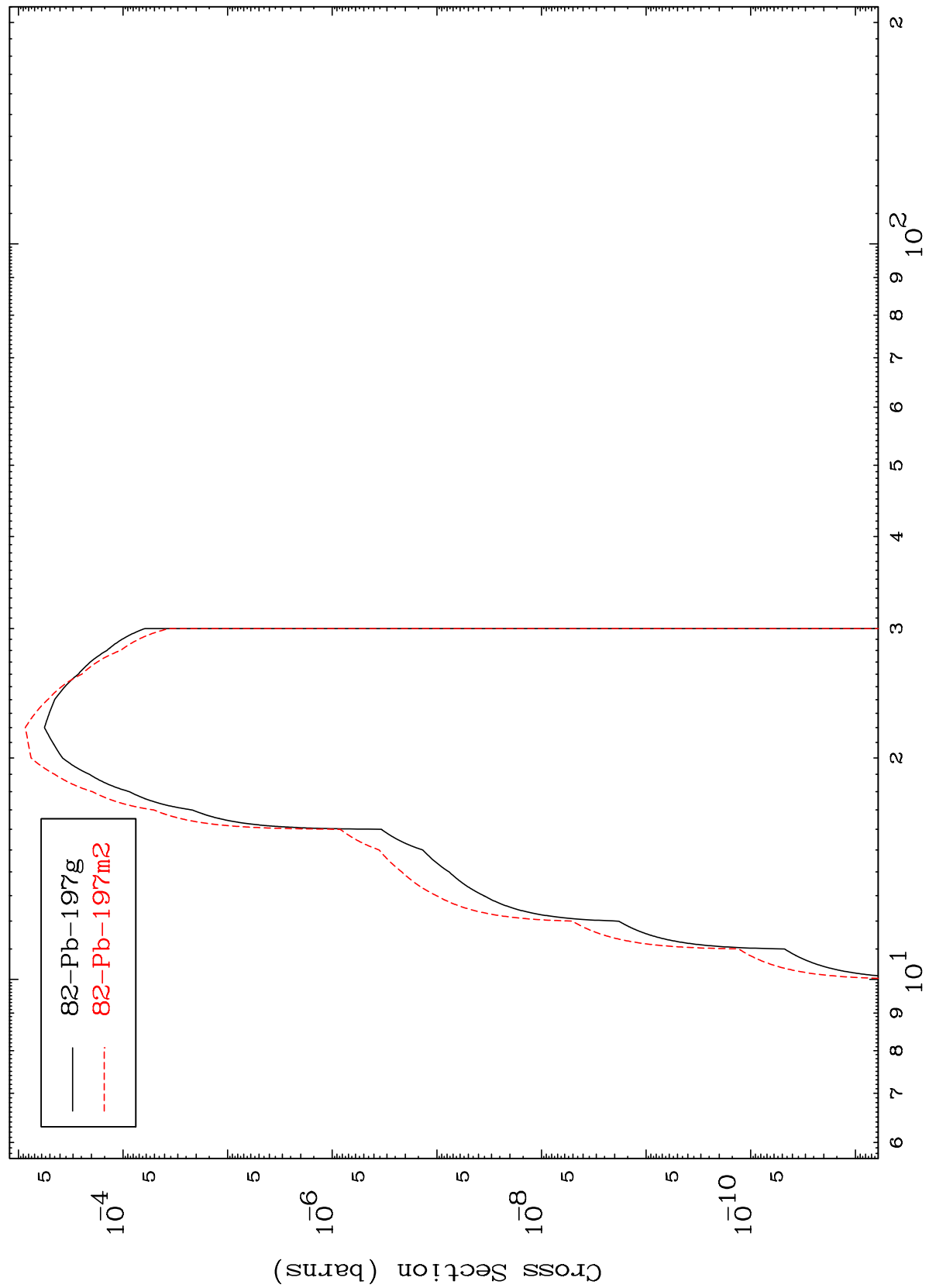


81-Tl-194g  
81-Tl-194m5

MAT 8017

80-Hg-193

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



17

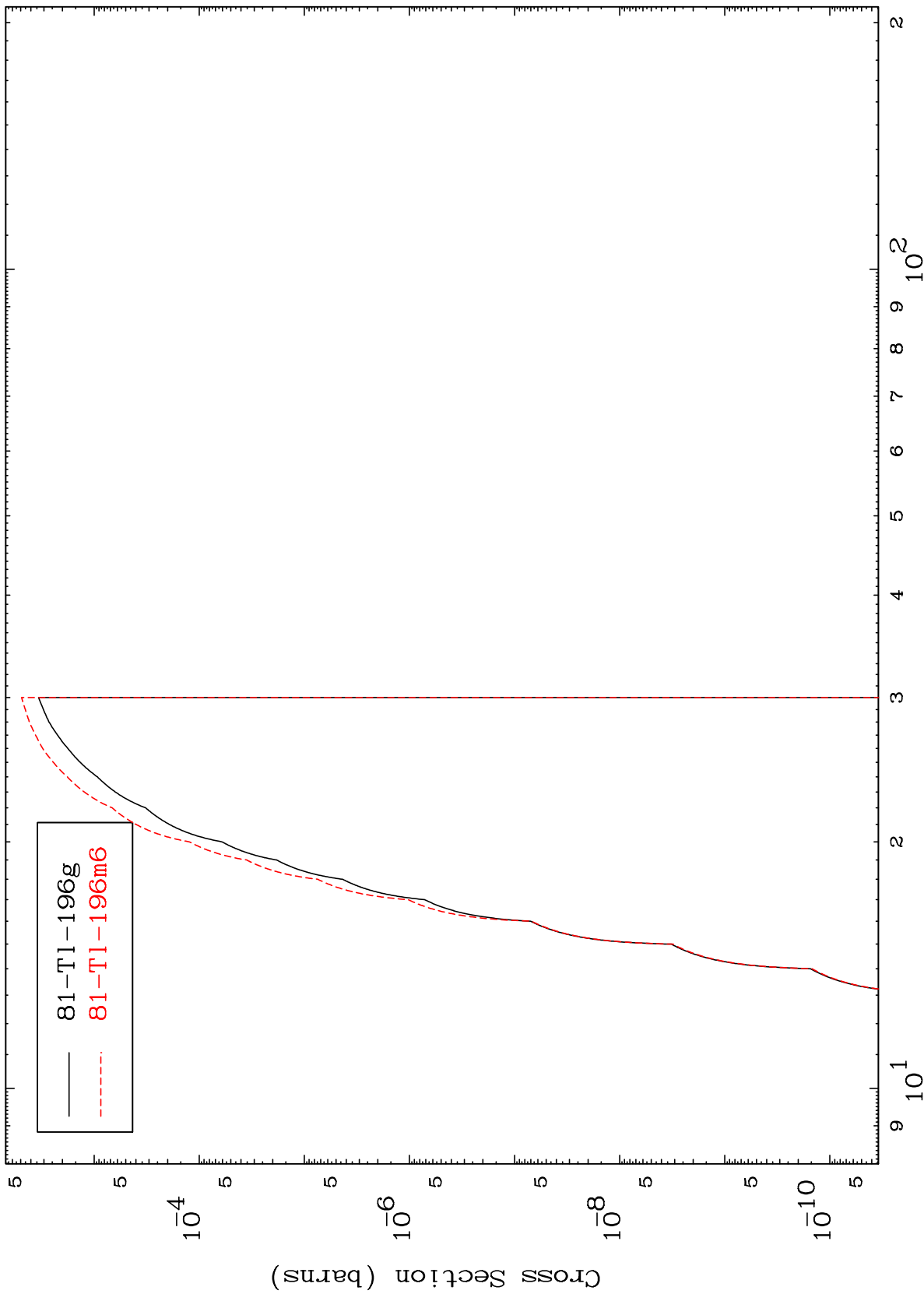
Incident Energy (MeV)

80-Hg-193

MAT 8017

80-Hg-193

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



80-Hg-193

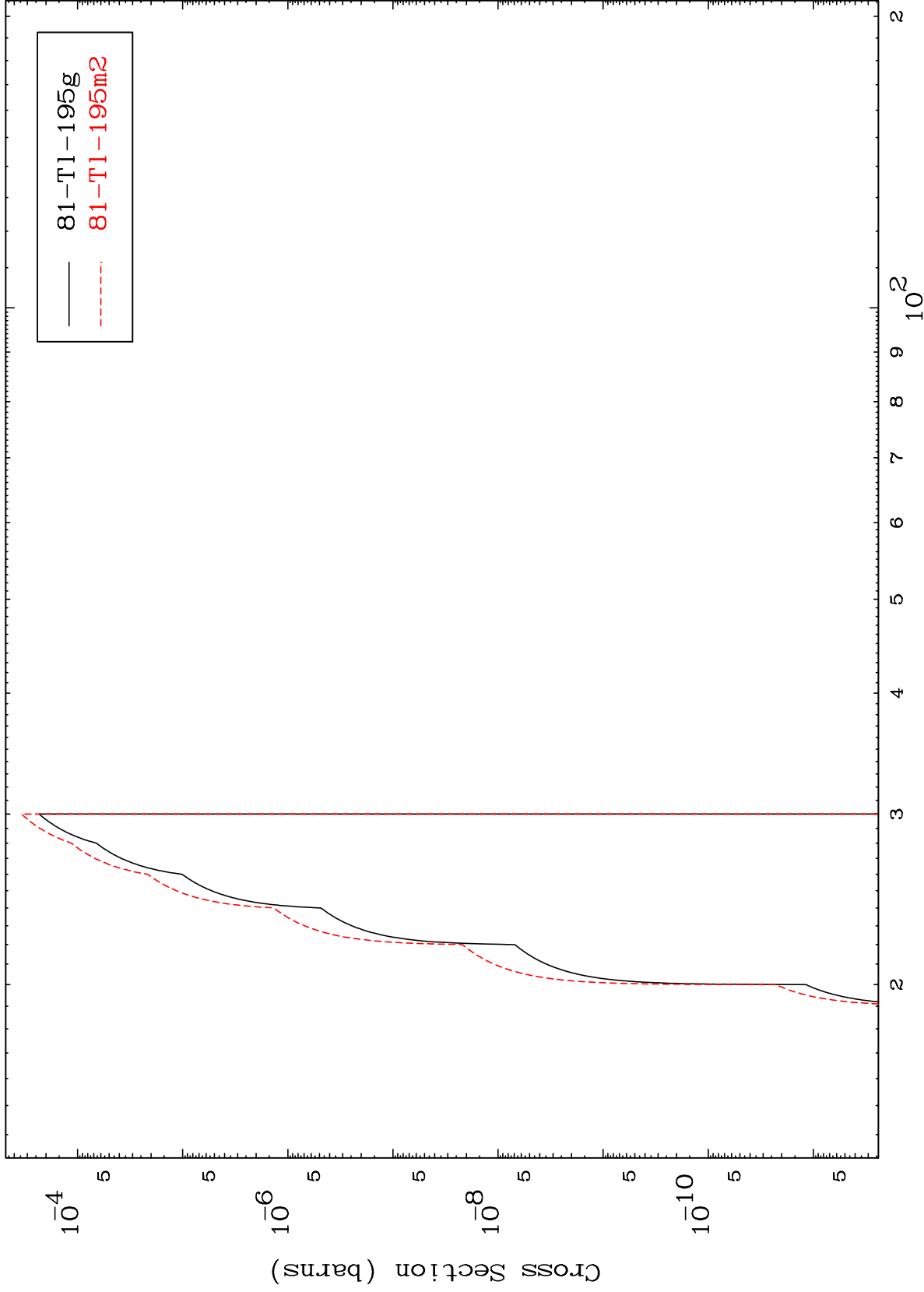
Incident Energy (MeV)

18

MAT 8017

80-Hg-193

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



19

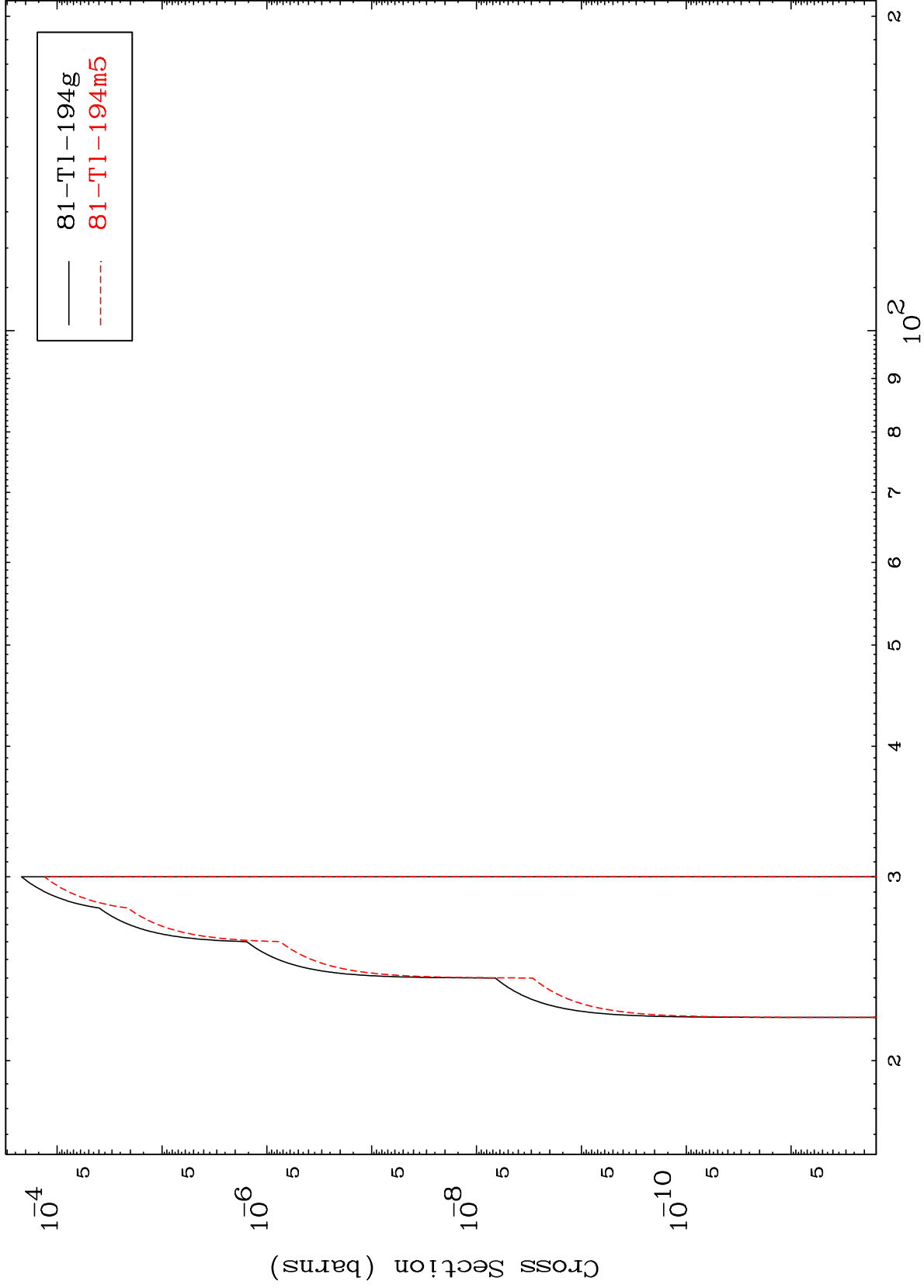
80-Hg-193

Incident Energy (MeV)

MAT 8017

80-Hg-193

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



20

Incident Energy (MeV)

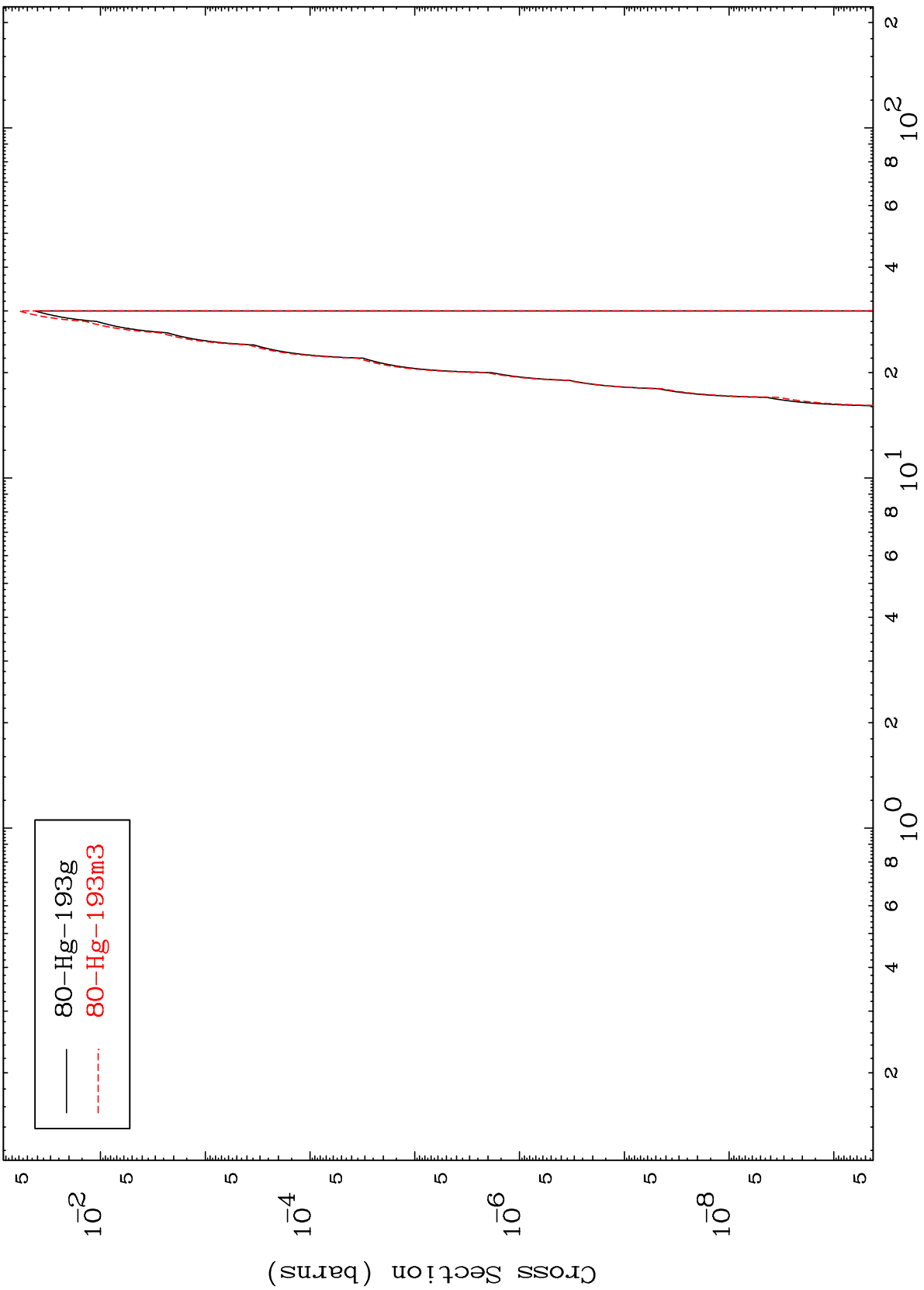
80-Hg-193

MAT 8017

80-Hg-193

( $\alpha, \alpha$ )

Radionuclide Production Cross Section



80-Hg-193g  
80-Hg-193m3

80-Hg-193

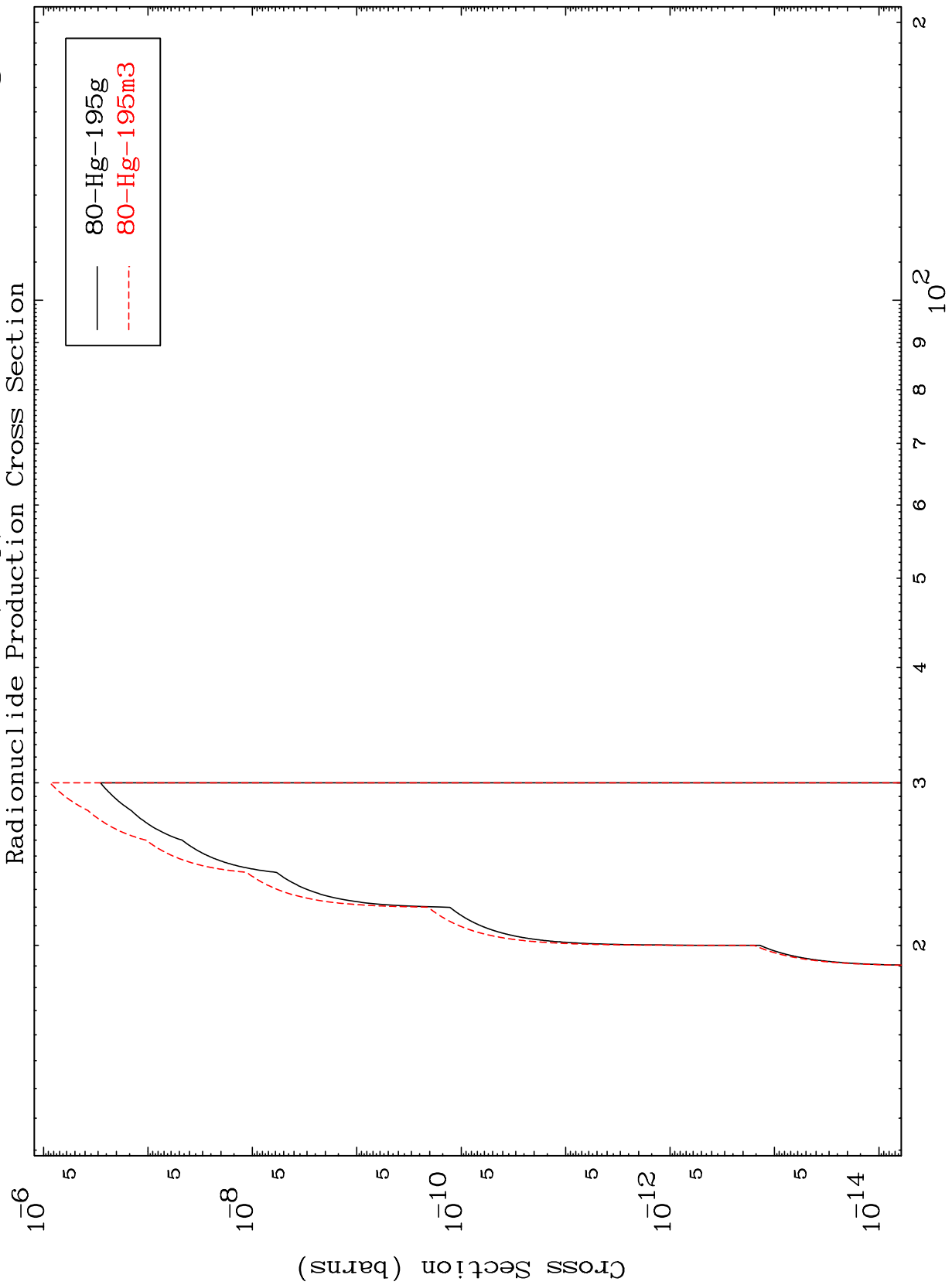
Incident Energy (MeV)

21

MAT 8017

80-Hg-193

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



Radionuclide Production Cross Section

