

Program EVALPLOT  
(Version 2018-1)

by

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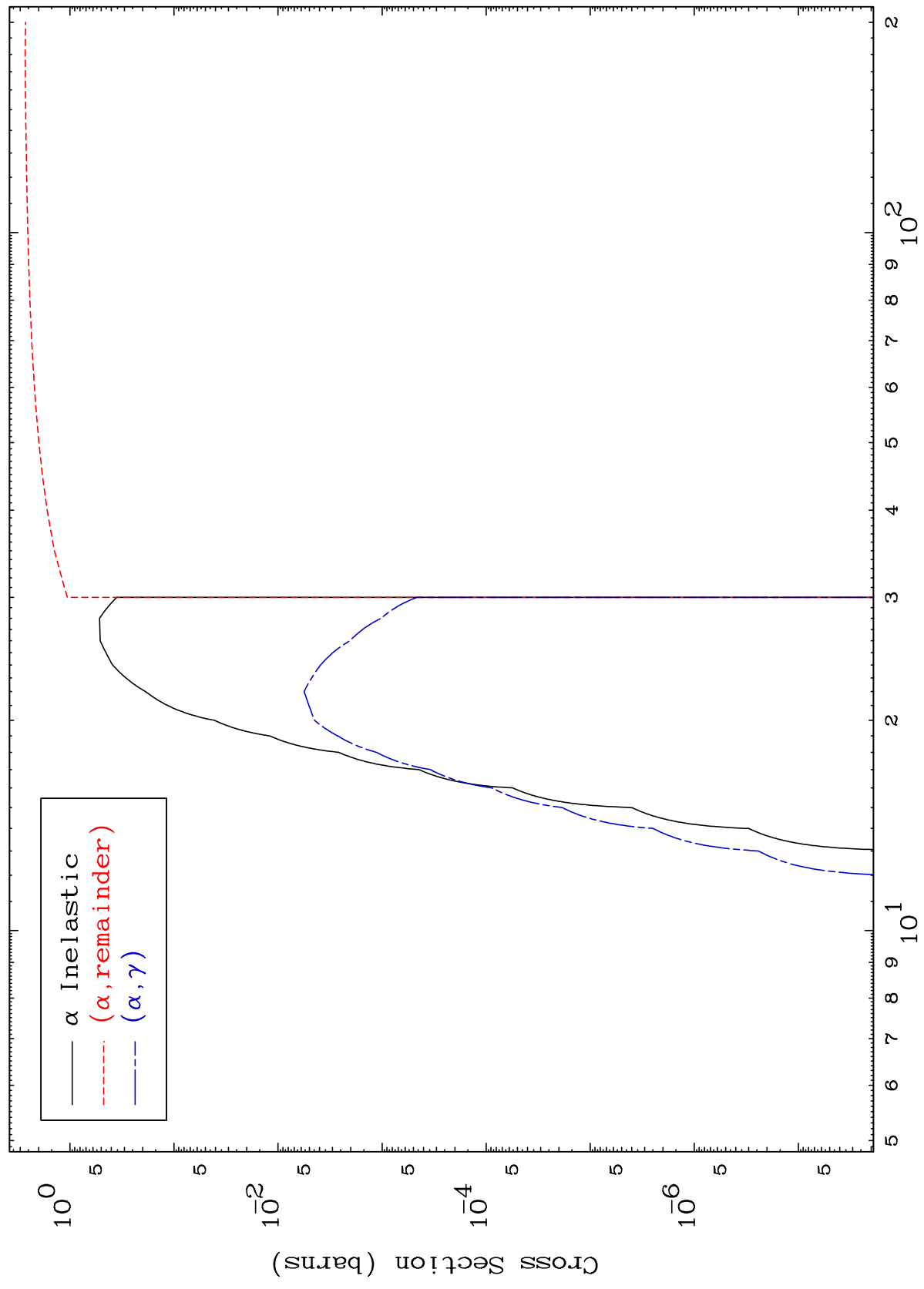
Press Mouse Button to Start

MAT 8004

0 Kelvin

$\alpha$  Major

80-Hg-189

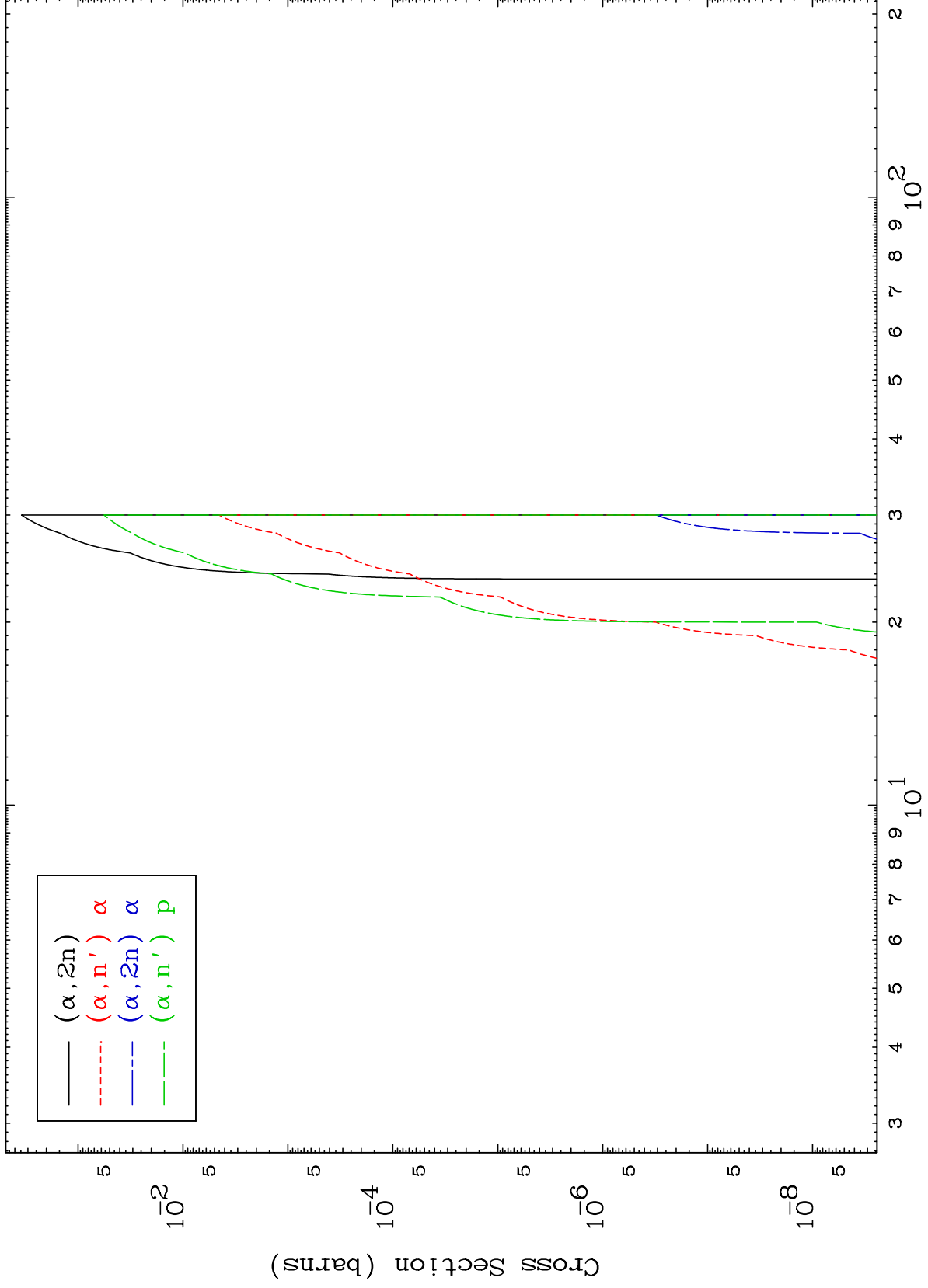


$\alpha$  Inelastic  
 $(\alpha, \text{remainder})$   
 $(\alpha, \gamma)$

MAT 8004

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

80-Hg-189



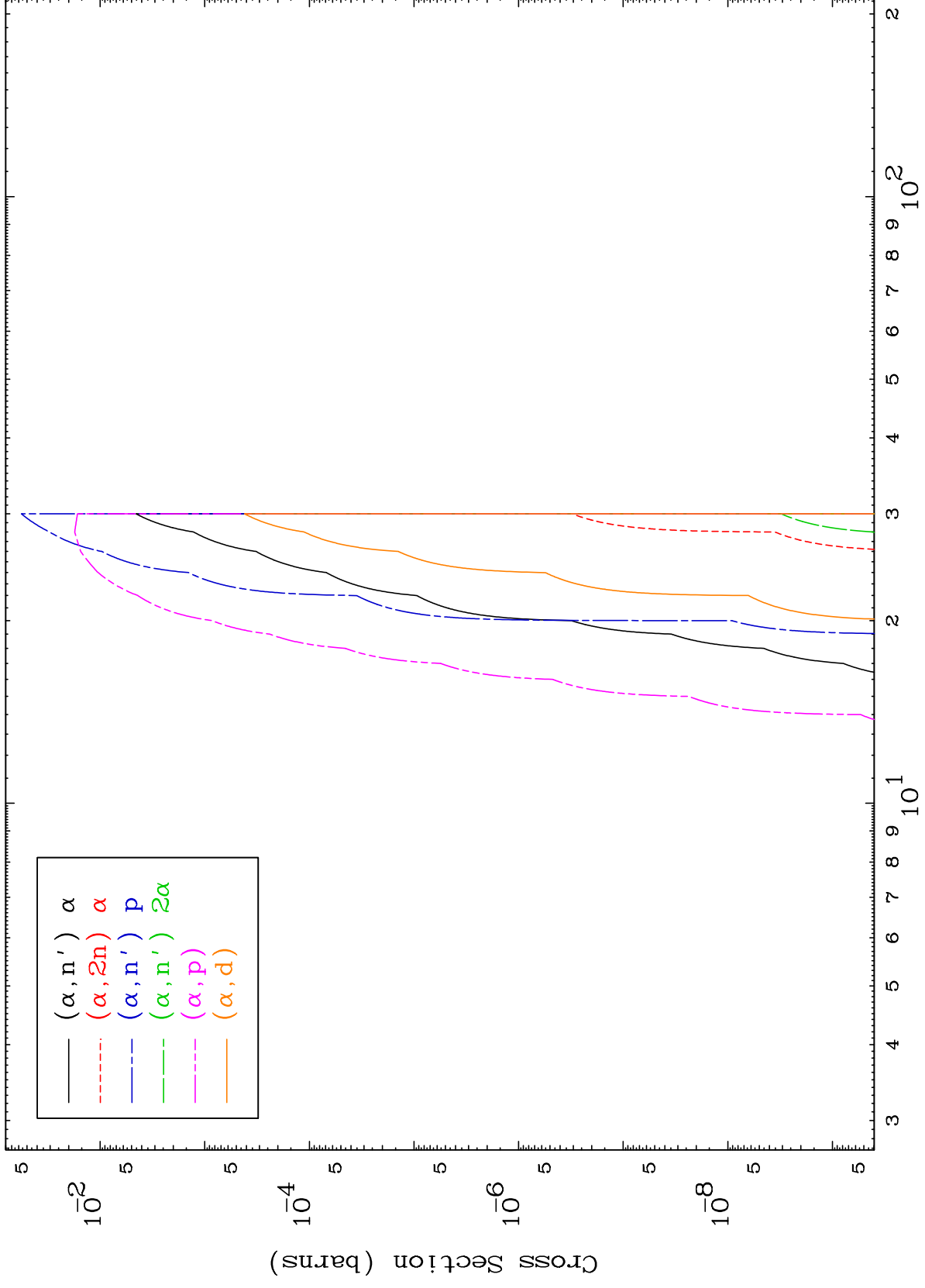
Incident Energy (MeV)

80-Hg-189

MAT 8004

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

80-Hg-189



80-Hg-189

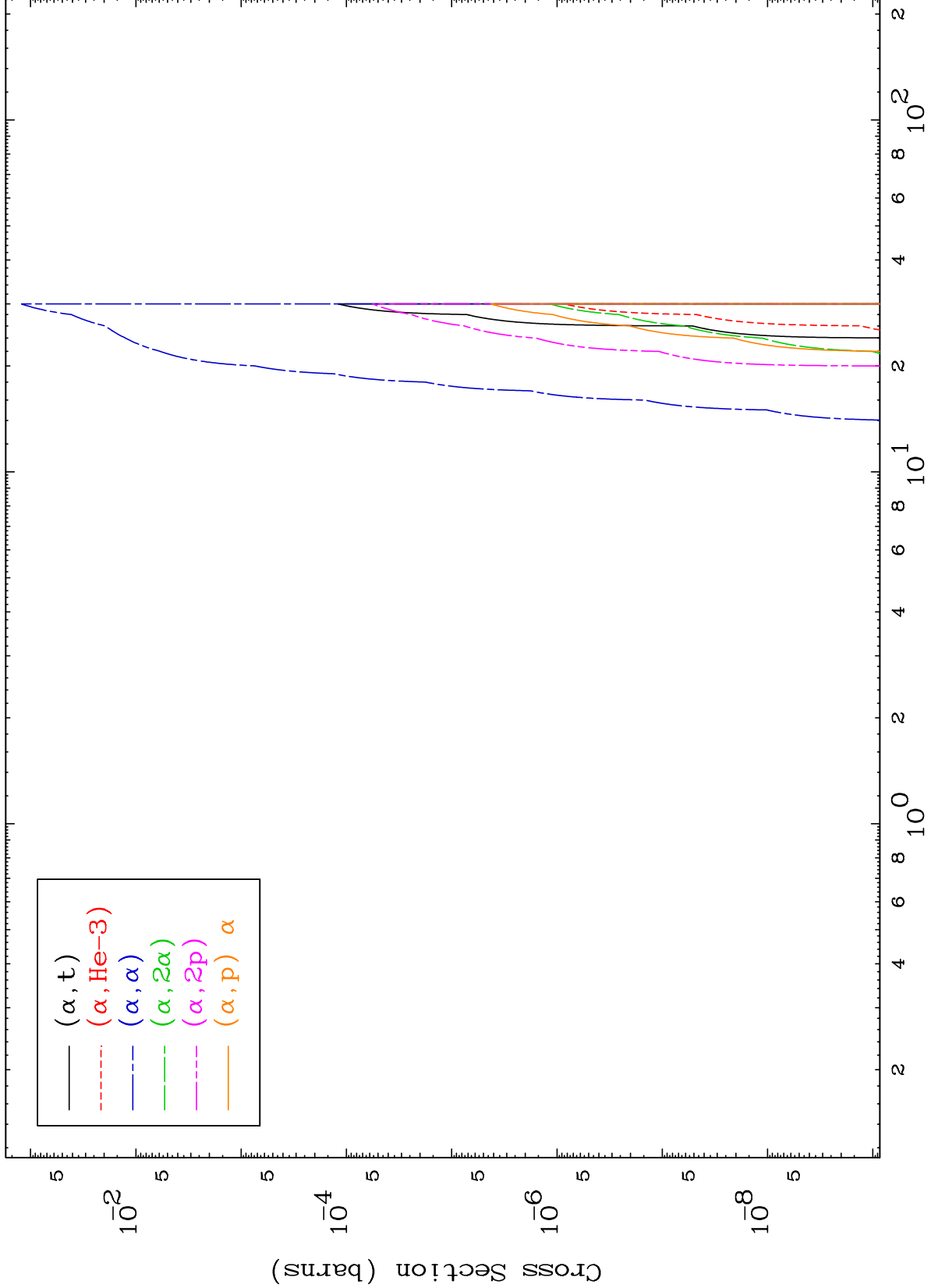
Incident Energy (MeV)

3

MAT 8004

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

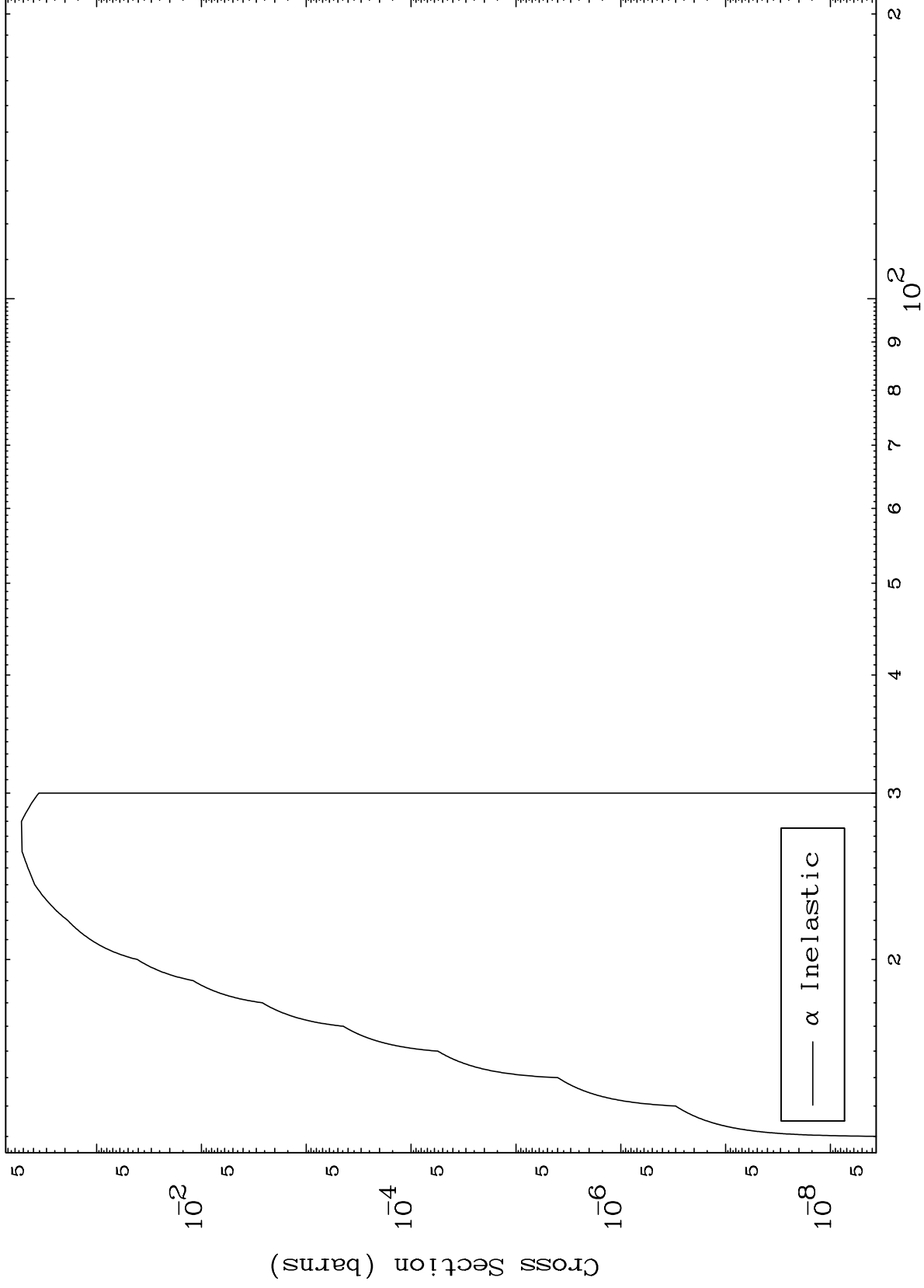
80-Hg-189



MAT 8004

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

80-Hg-189



5

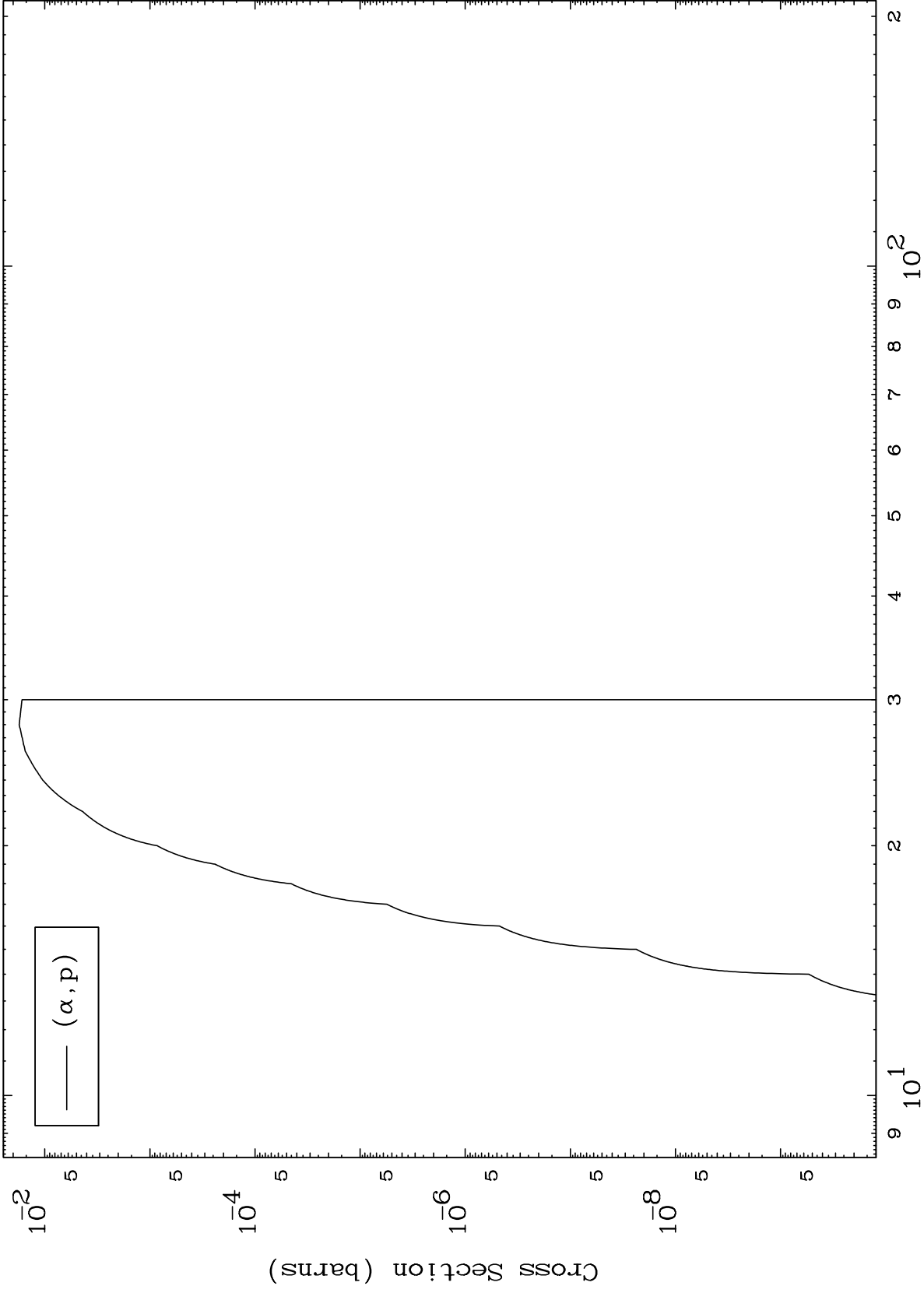
Incident Energy (MeV)

80-Hg-189

MAT 8004

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

80-Hg-189



80-Hg-189

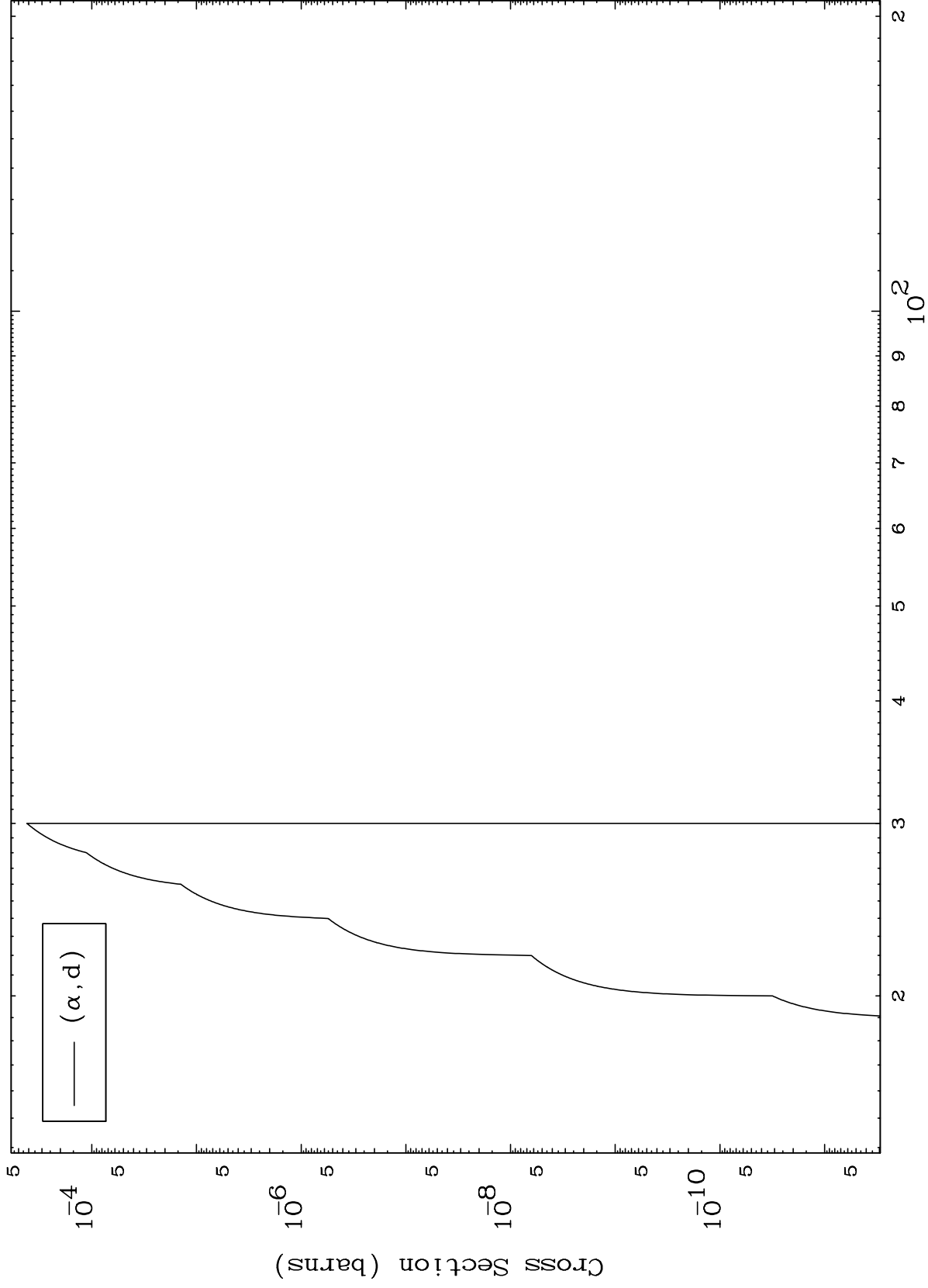
Incident Energy (MeV)

6

MAT 8004

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

80-Hg-189



7

Incident Energy (MeV)

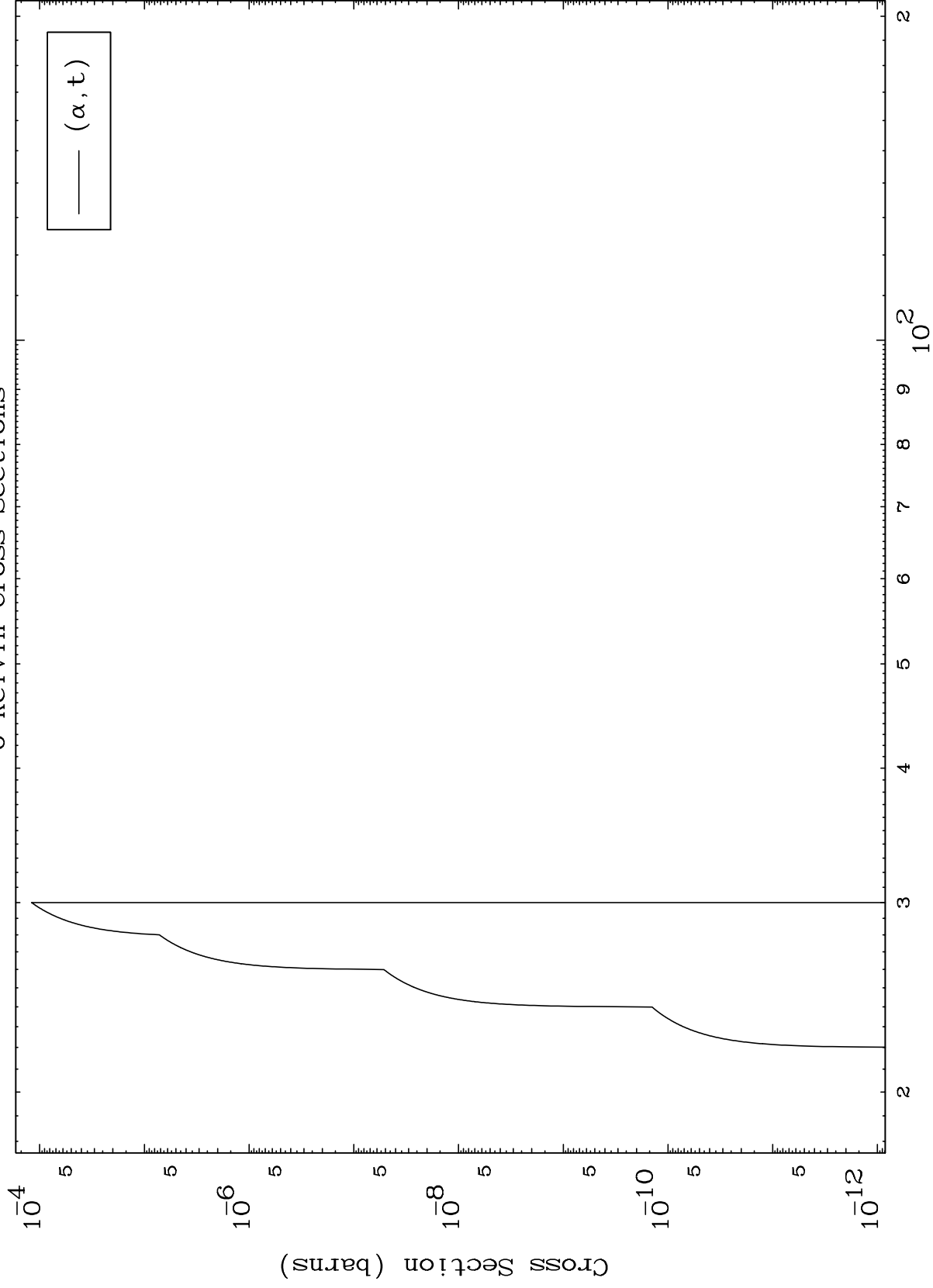
80-Hg-189



MAT 8004

80-Hg-189

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



8

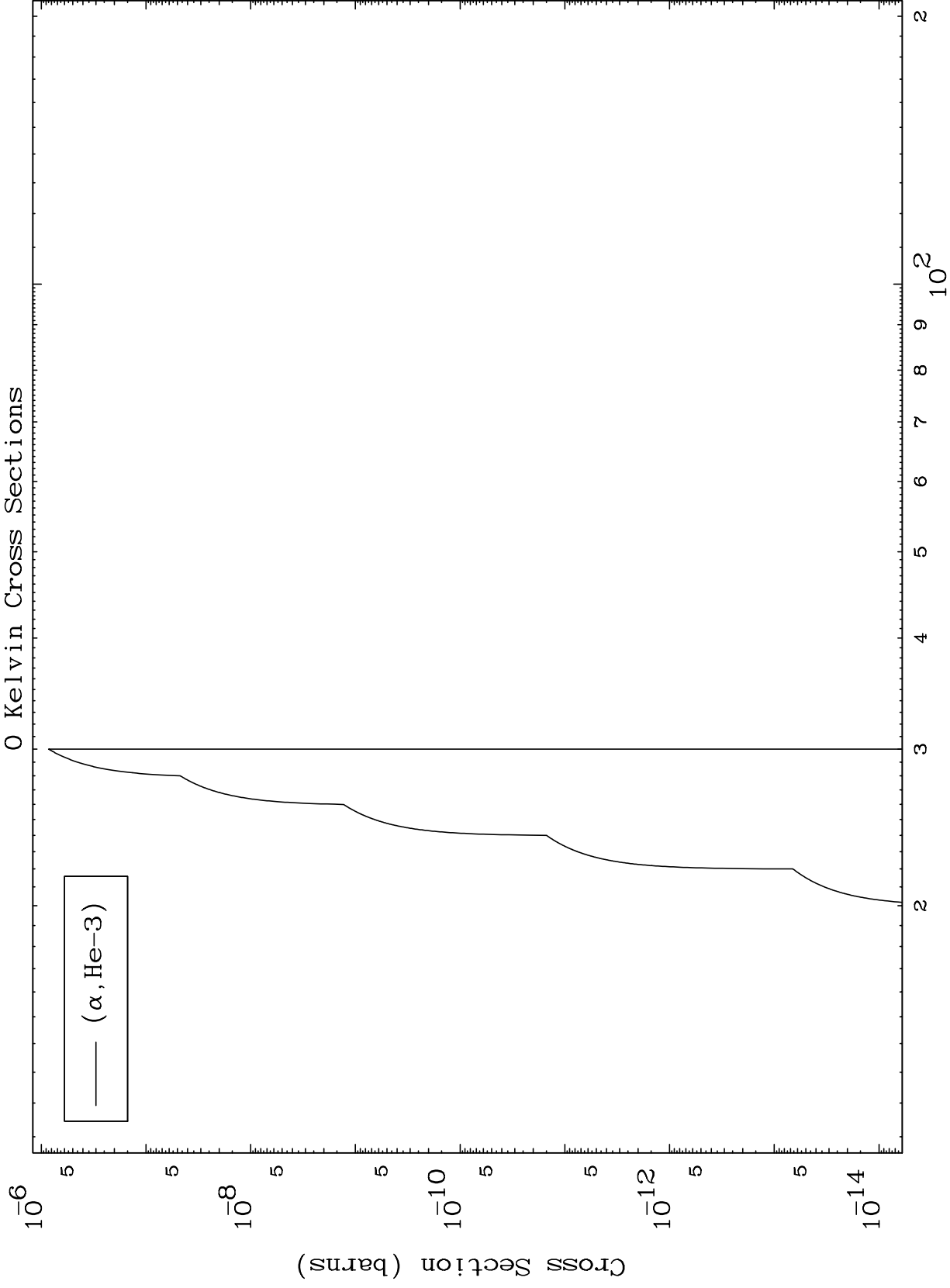
Incident Energy (MeV)

80-Hg-189

MAT 8004

80-Hg-189

( $\alpha$ , He3) Levels  
0 Kelvin Cross Sections

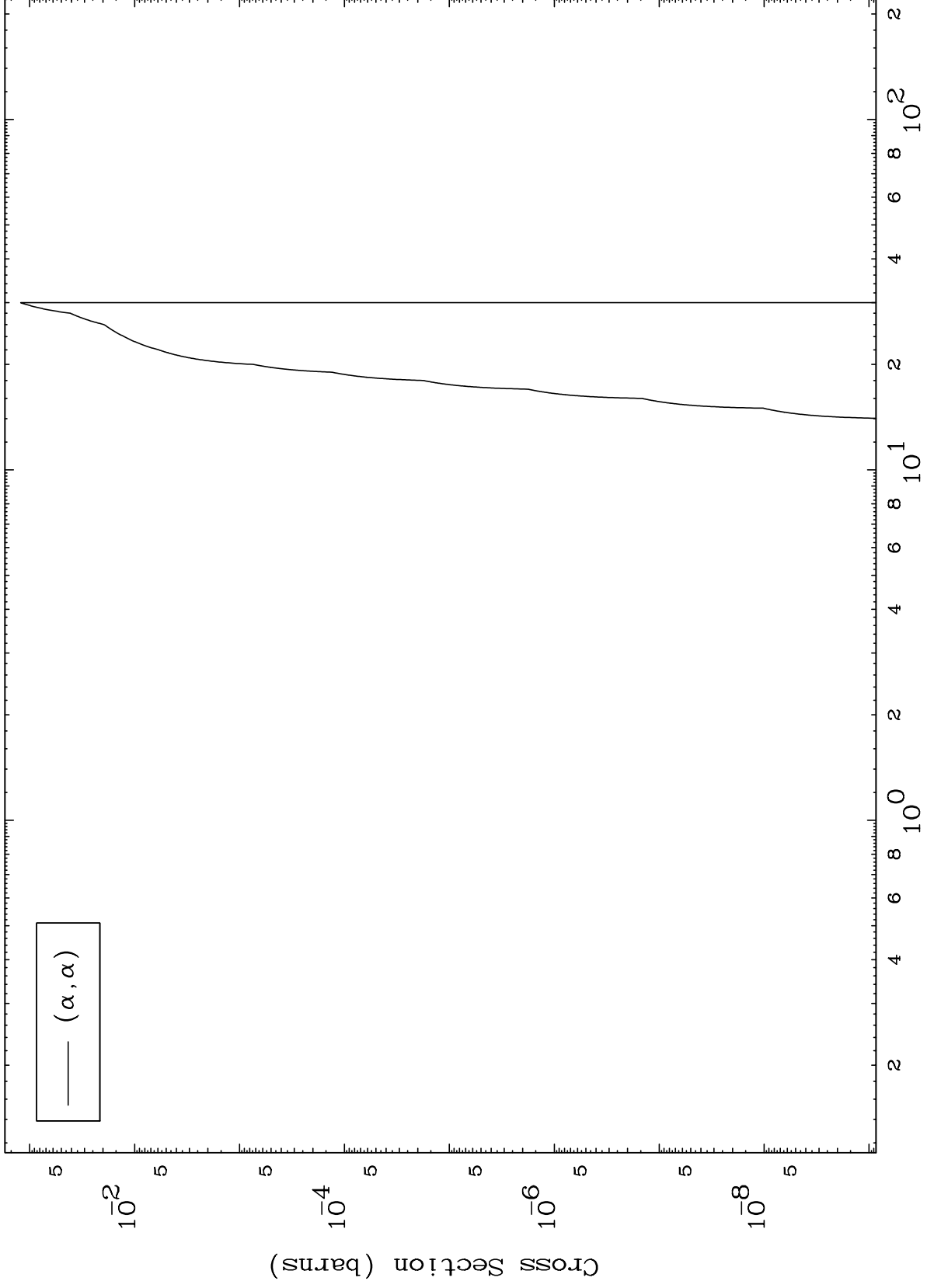


MAT 8004

( $\alpha, \alpha$ ) Levels

80-Hg-189

0 Kelvin Cross Sections



10

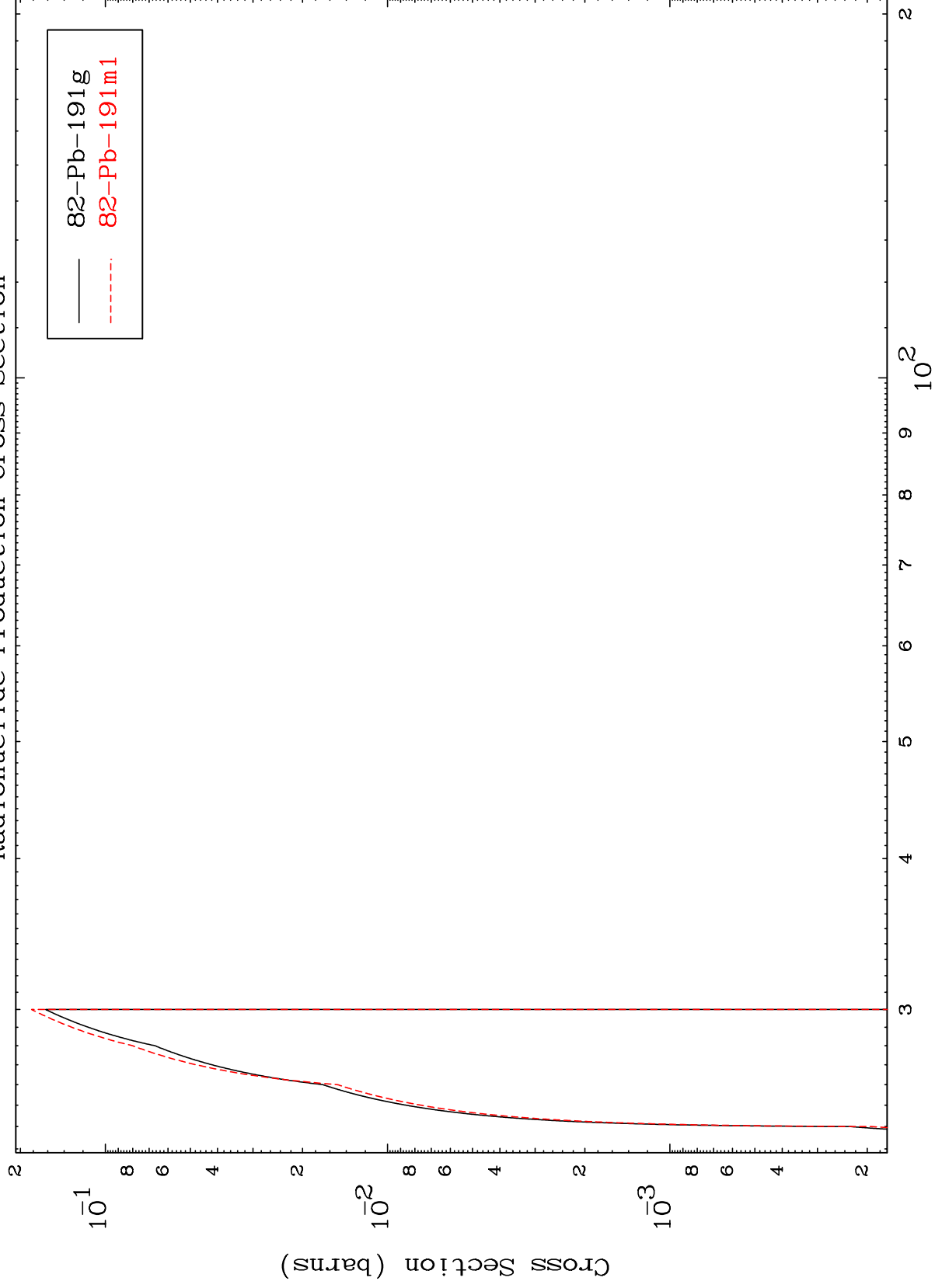
Incident Energy (MeV)

80-Hg-189

MAT 8004

80-Hg-189

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



11

80-Hg-189

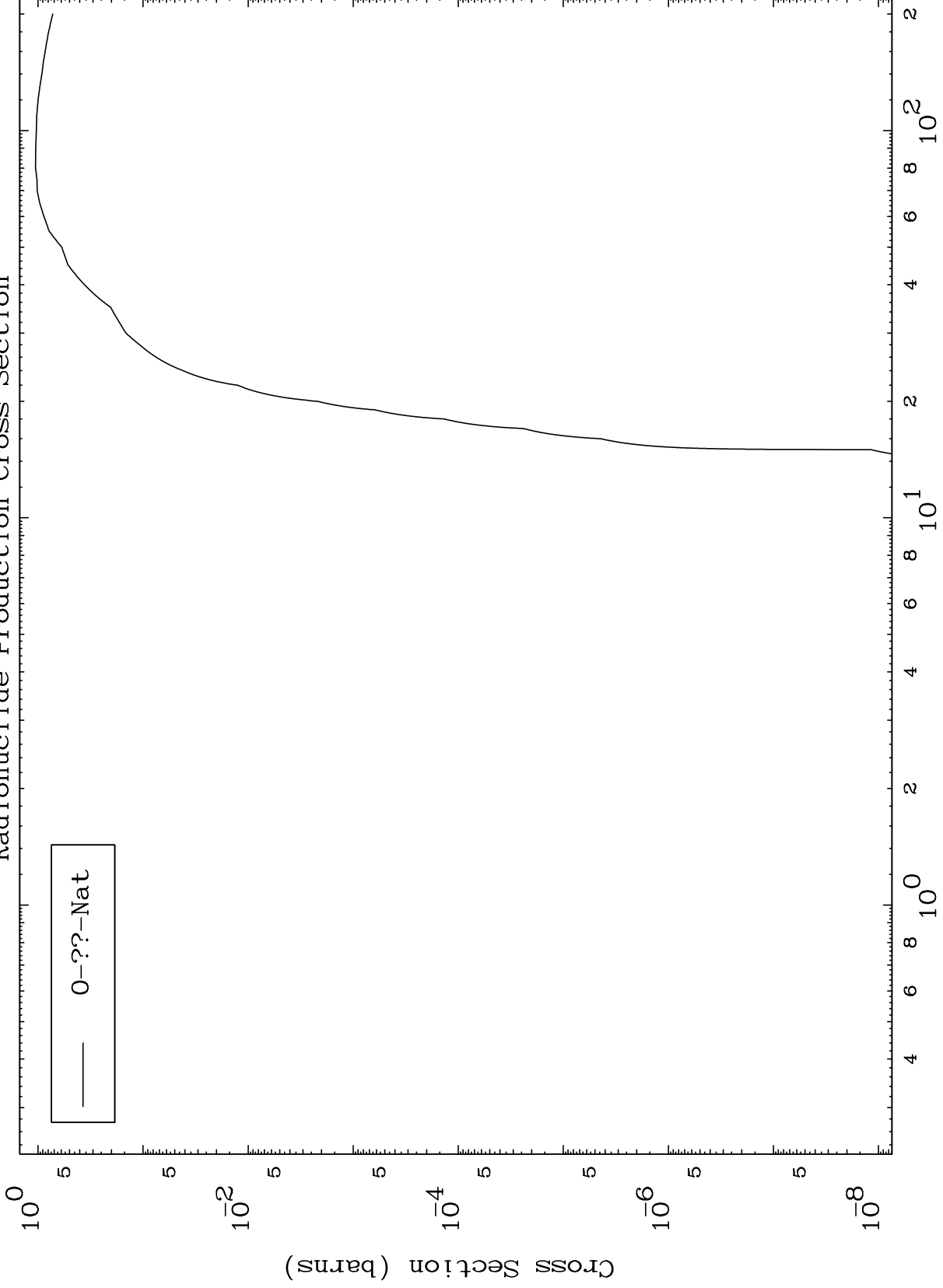
Incident Energy (MeV)

MAT 8004

$\alpha$  Fission

80-Hg-189

Radionuclide Production Cross Section



12

Incident Energy (MeV)

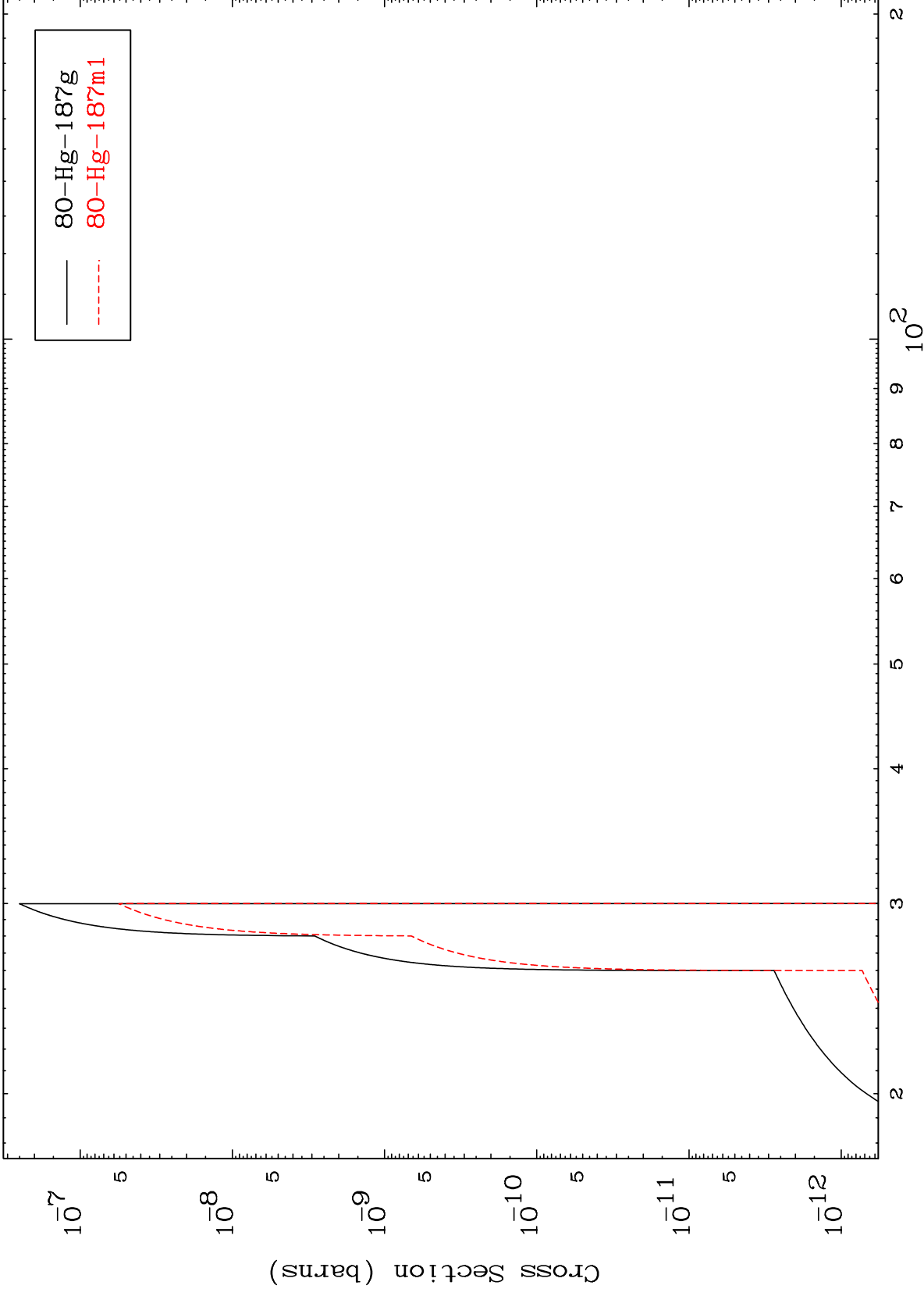
80-Hg-189

MAT 8004

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

80-Hg-189

Radionuclide Production Cross Section



13

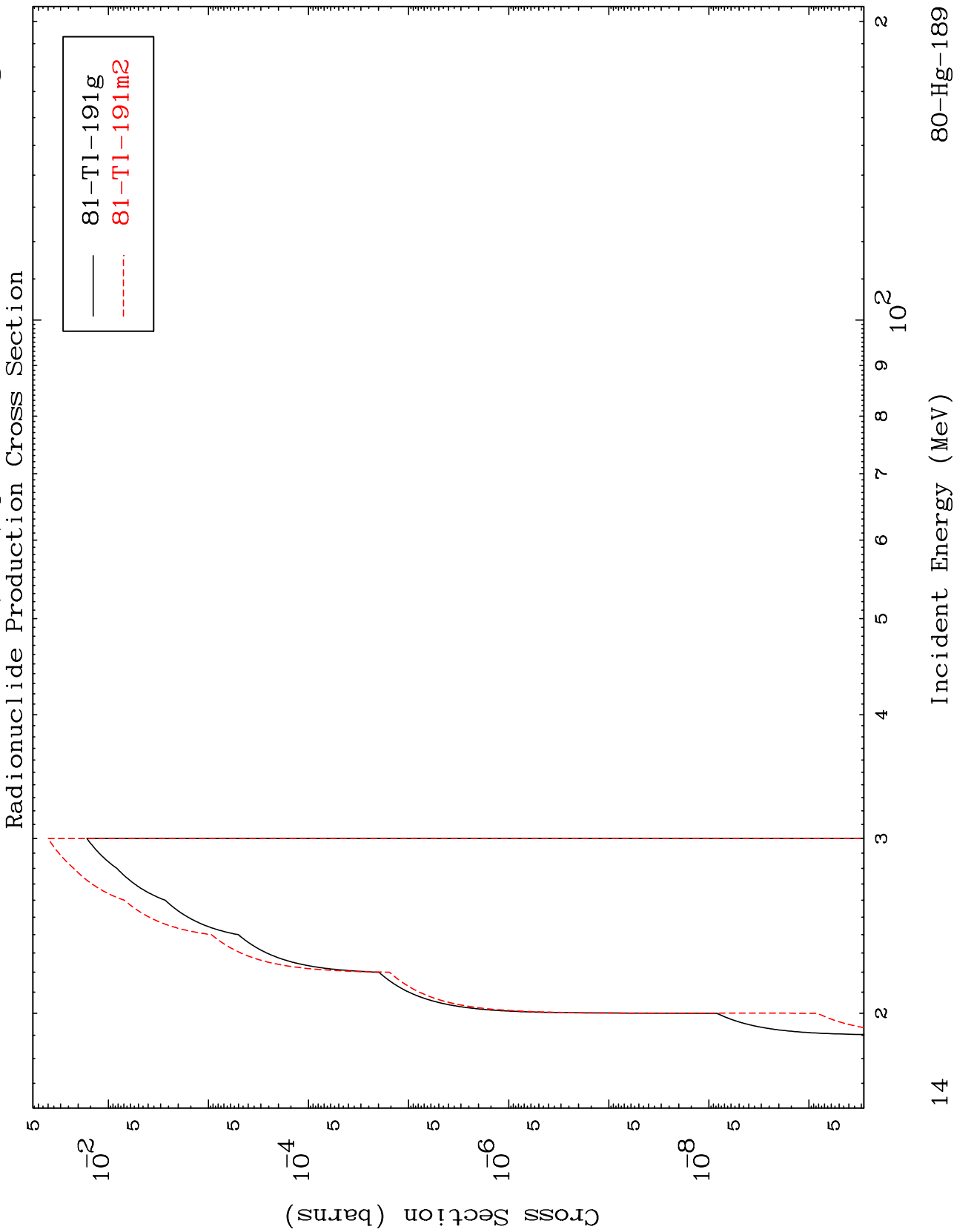
Incident Energy (MeV)

80-Hg-189

MAT 8004

$(\alpha, n')$  p

80-Hg-189



14

Incident Energy (MeV)

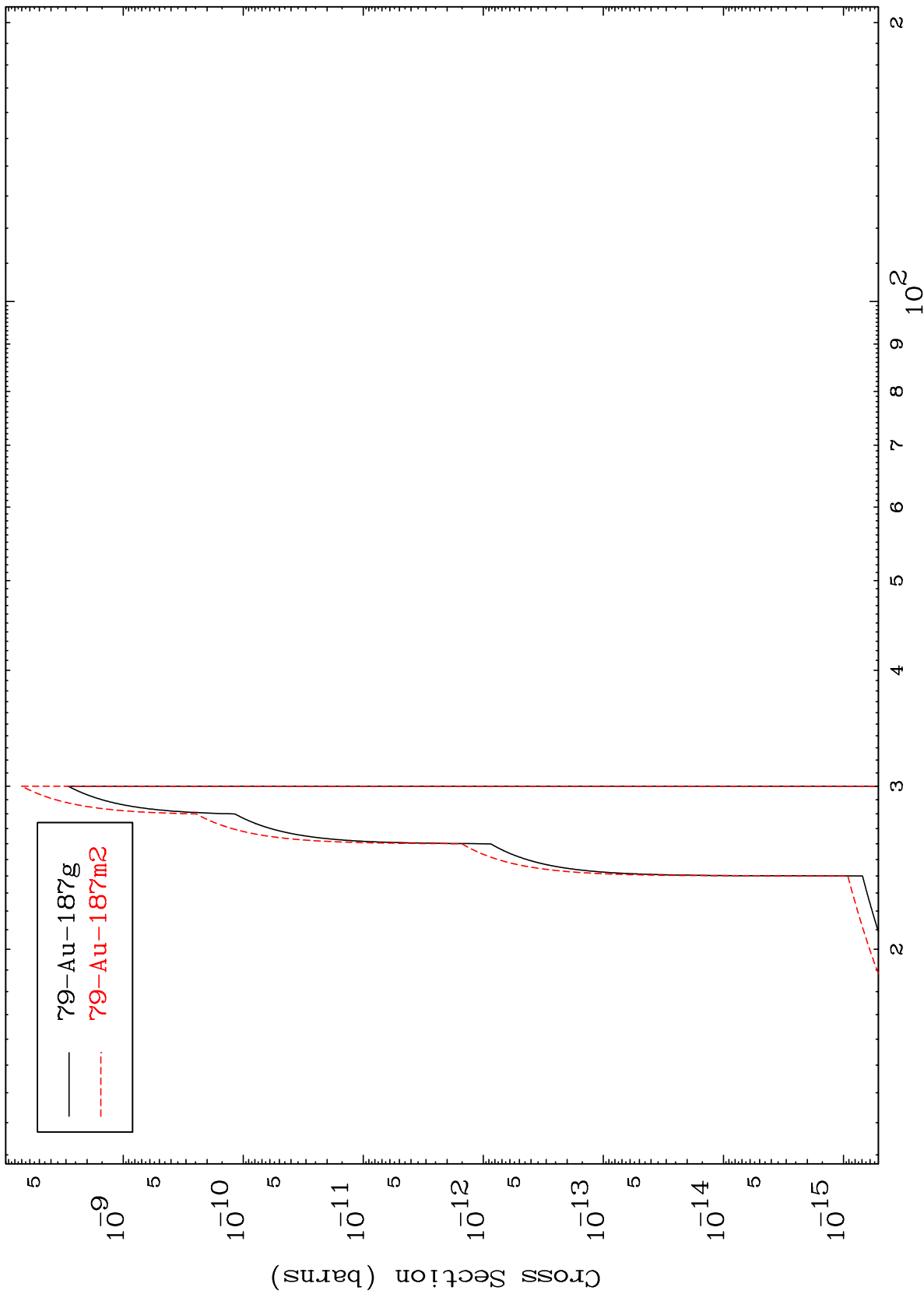
80-Hg-189

MAT 8004

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

80-Hg-189

Radionuclide Production Cross Section



15

Incident Energy (MeV)

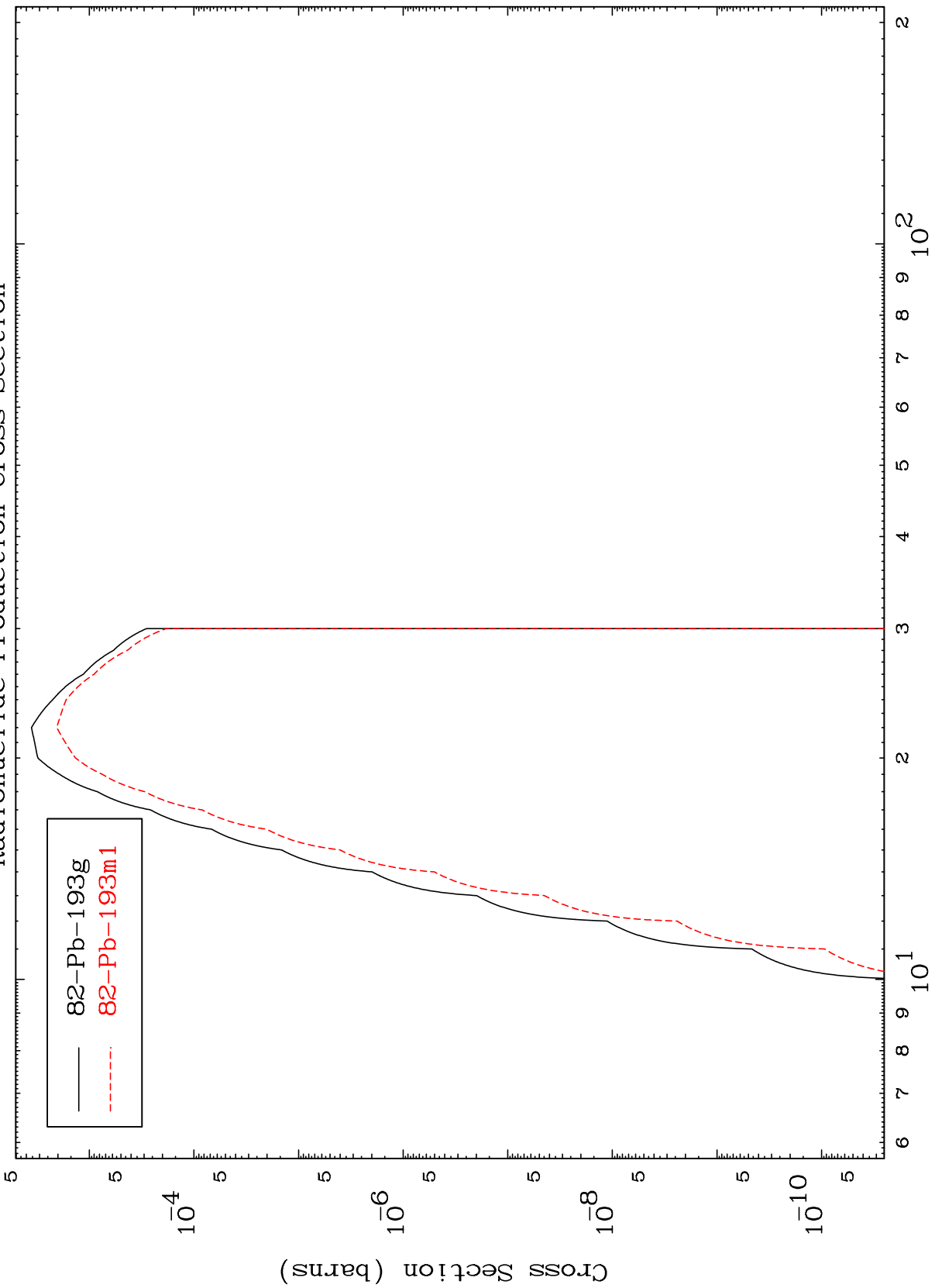
80-Hg-189



MAT 8004

80-Hg-189

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

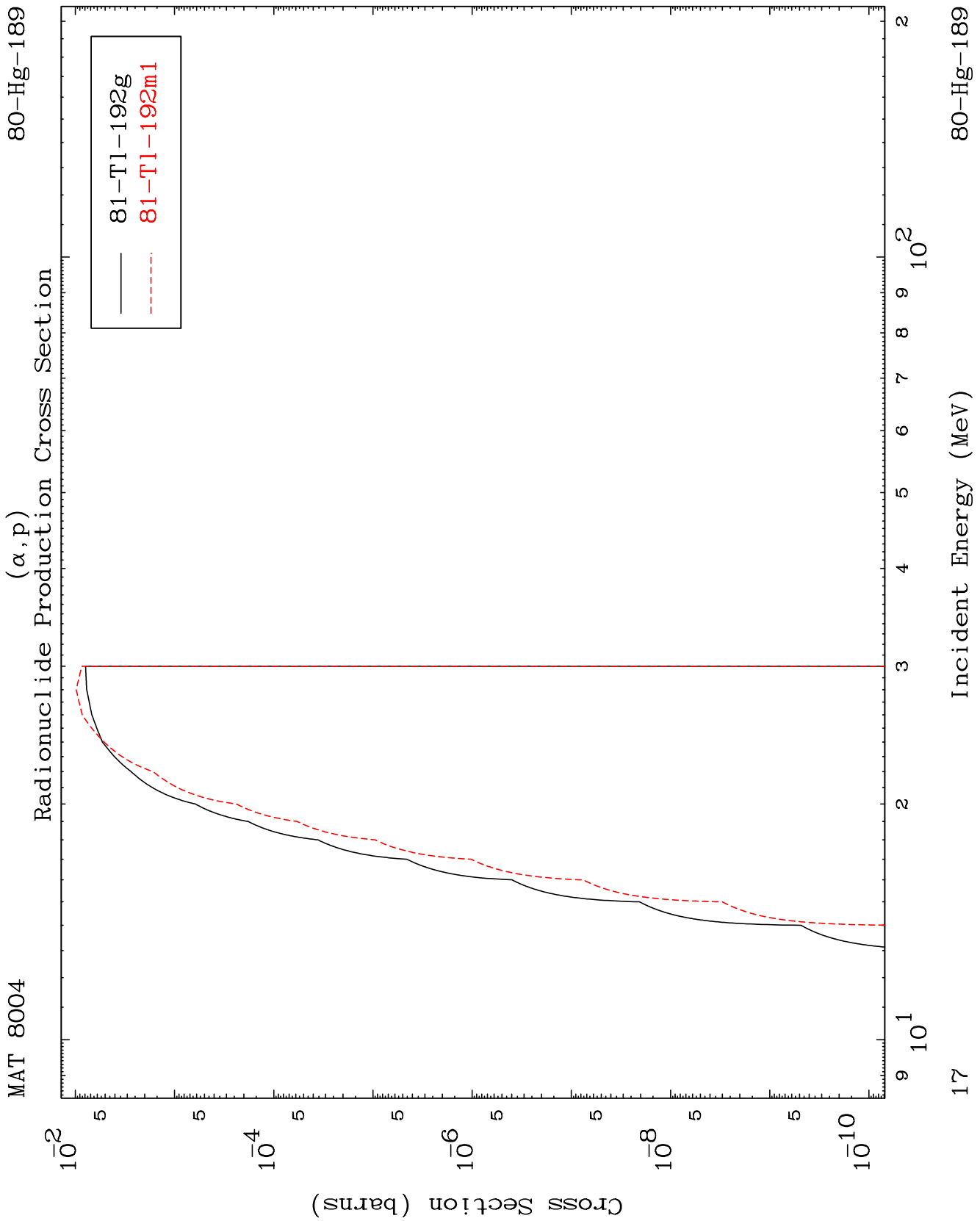


— 82-Pb-193g  
- - - 82-Pb-193m1

16

Incident Energy (MeV)

80-Hg-189

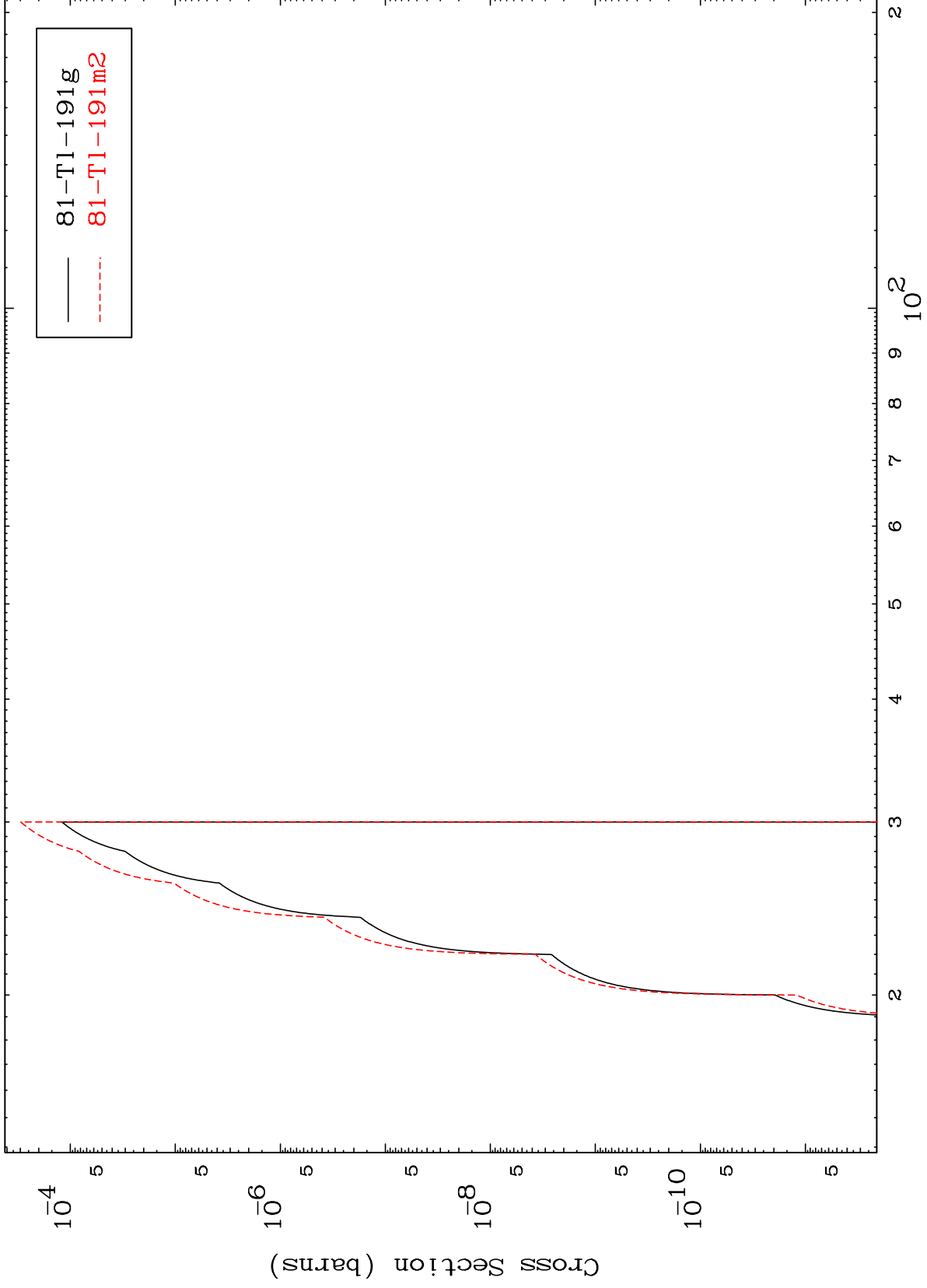


MAT 8004

( $\alpha, d$ )

80-Hg-189

Radionuclide Production Cross Section



18

Incident Energy (MeV)

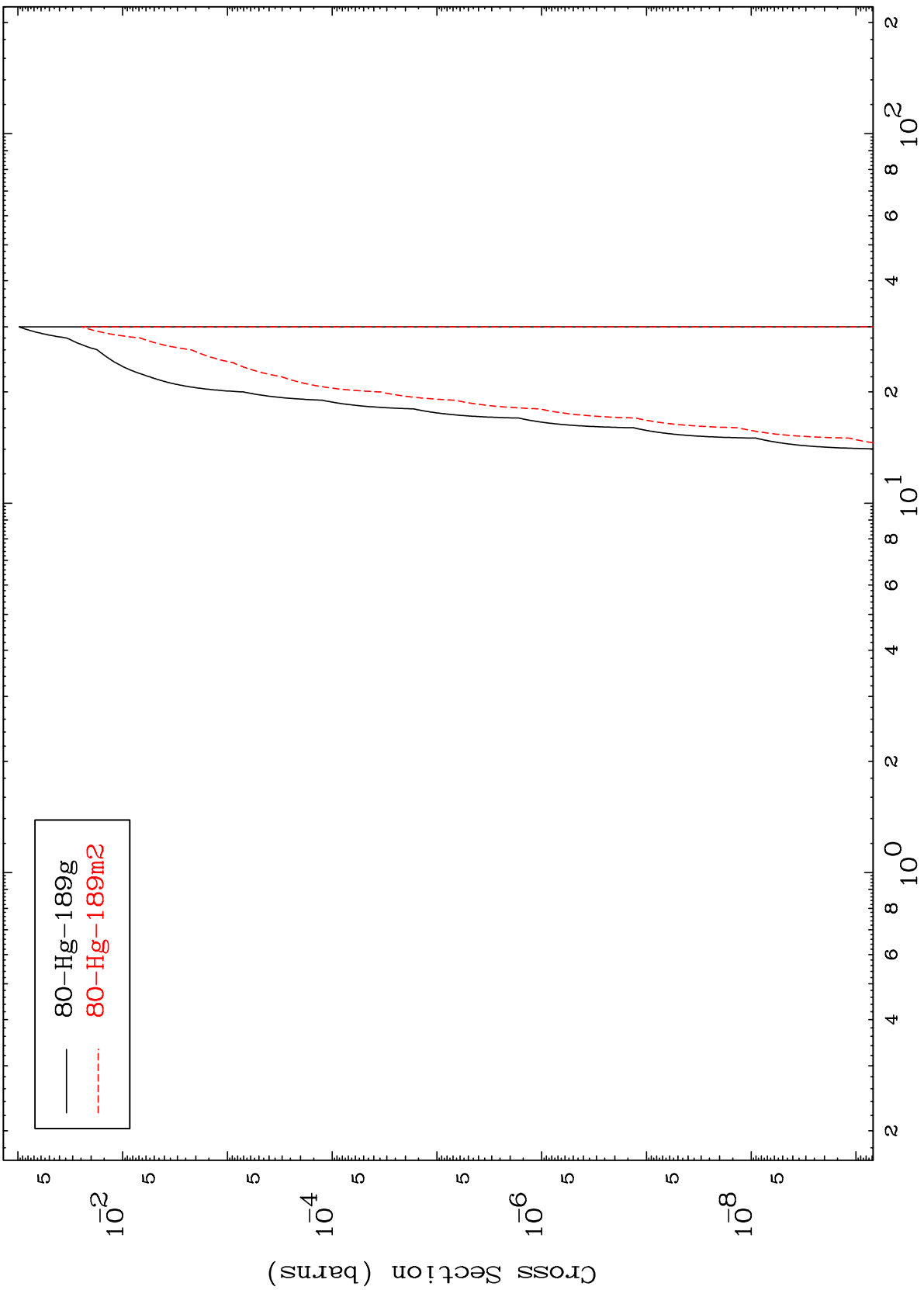
80-Hg-189

MAT 8004

( $\alpha, \alpha$ )

80-Hg-189

Radionuclide Production Cross Section

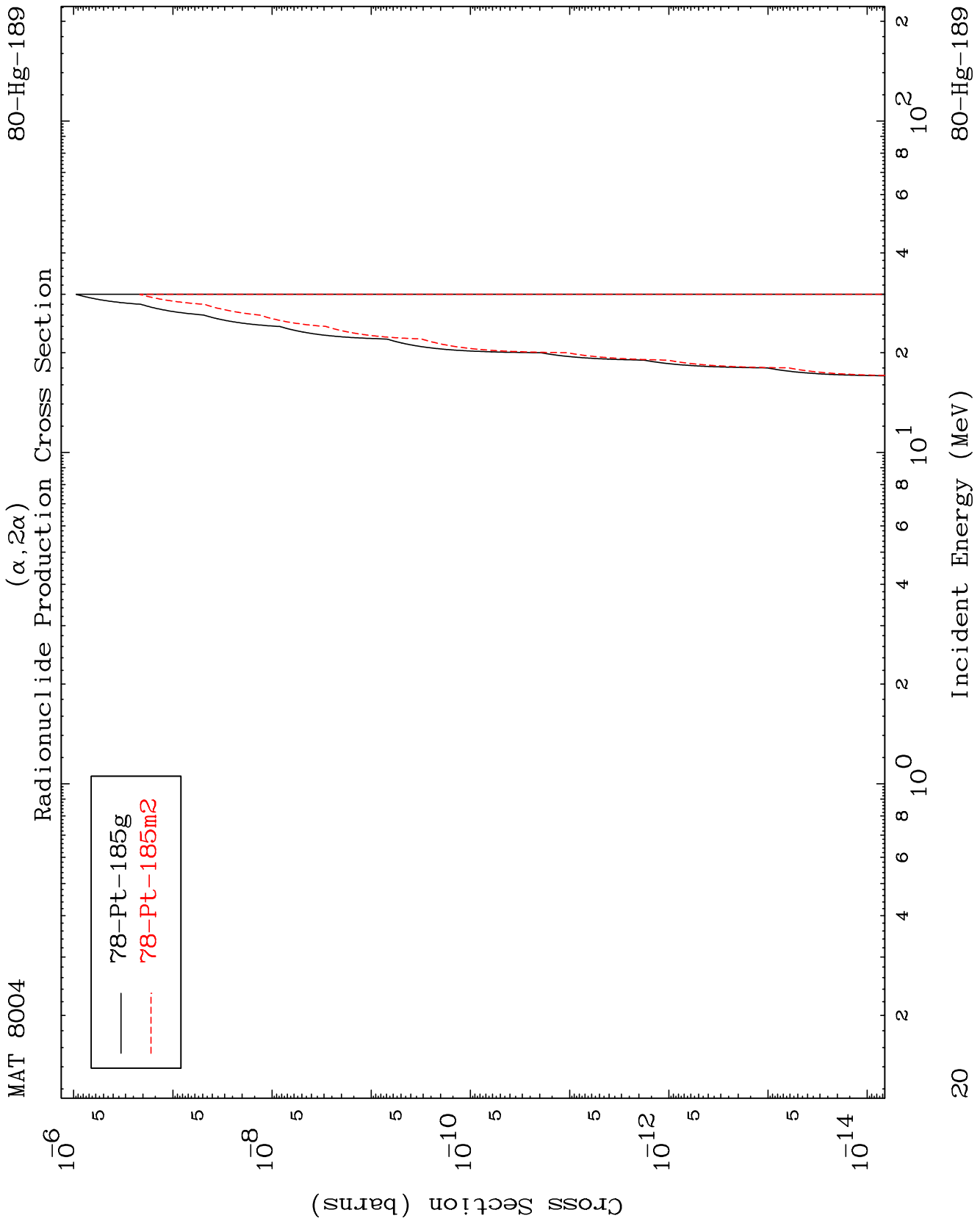


80-Hg-189g  
80-Hg-189m2

19

Incident Energy (MeV)

80-Hg-189



MAT 8004

80-Hg-189

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

