

Program EVALPLOT  
(Version 2018-1)

by

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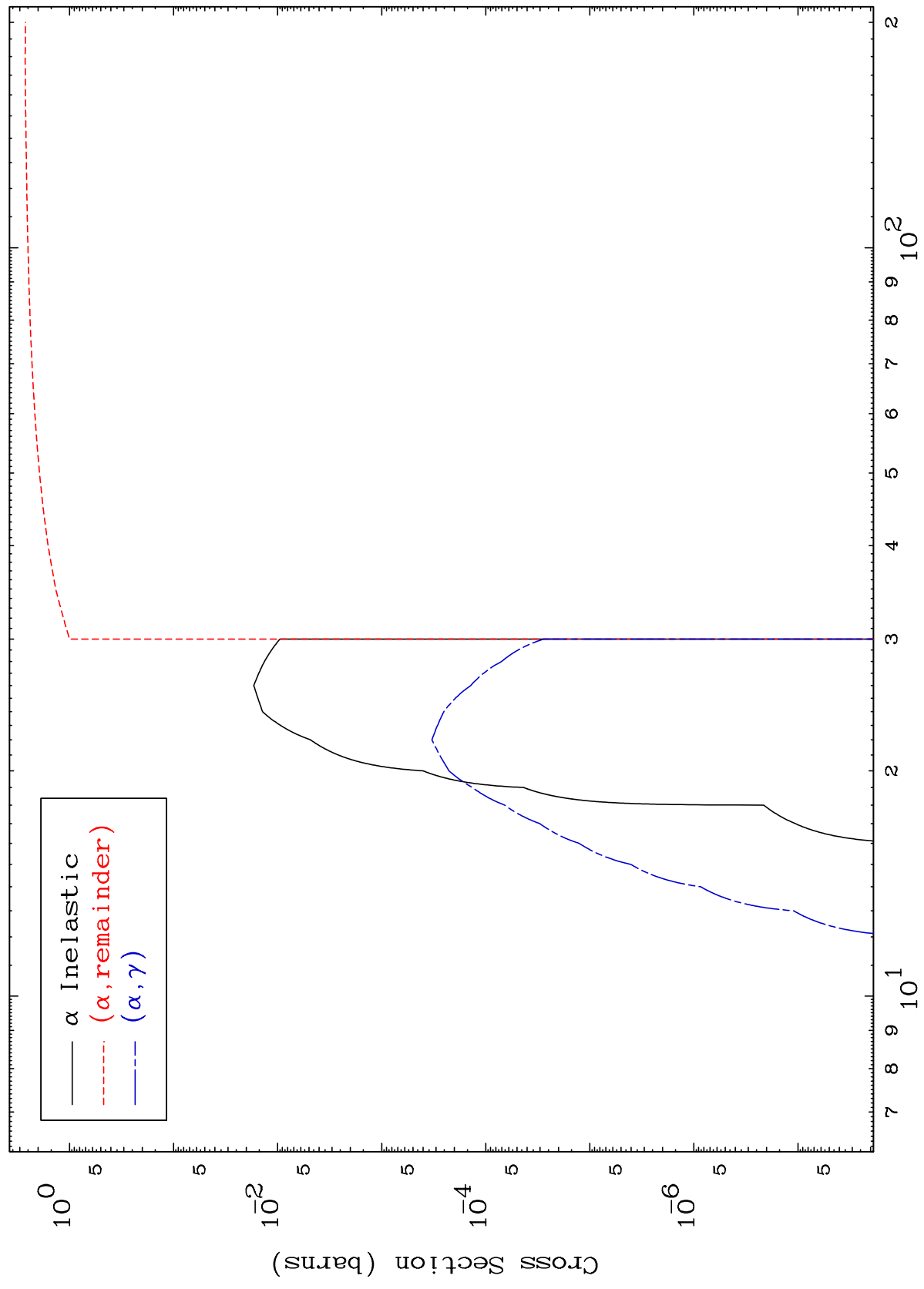
Press Mouse Button to Start

MAT 8075

0 Kelvin

$\alpha$  Major Cross Sections

81-Tl-186



1

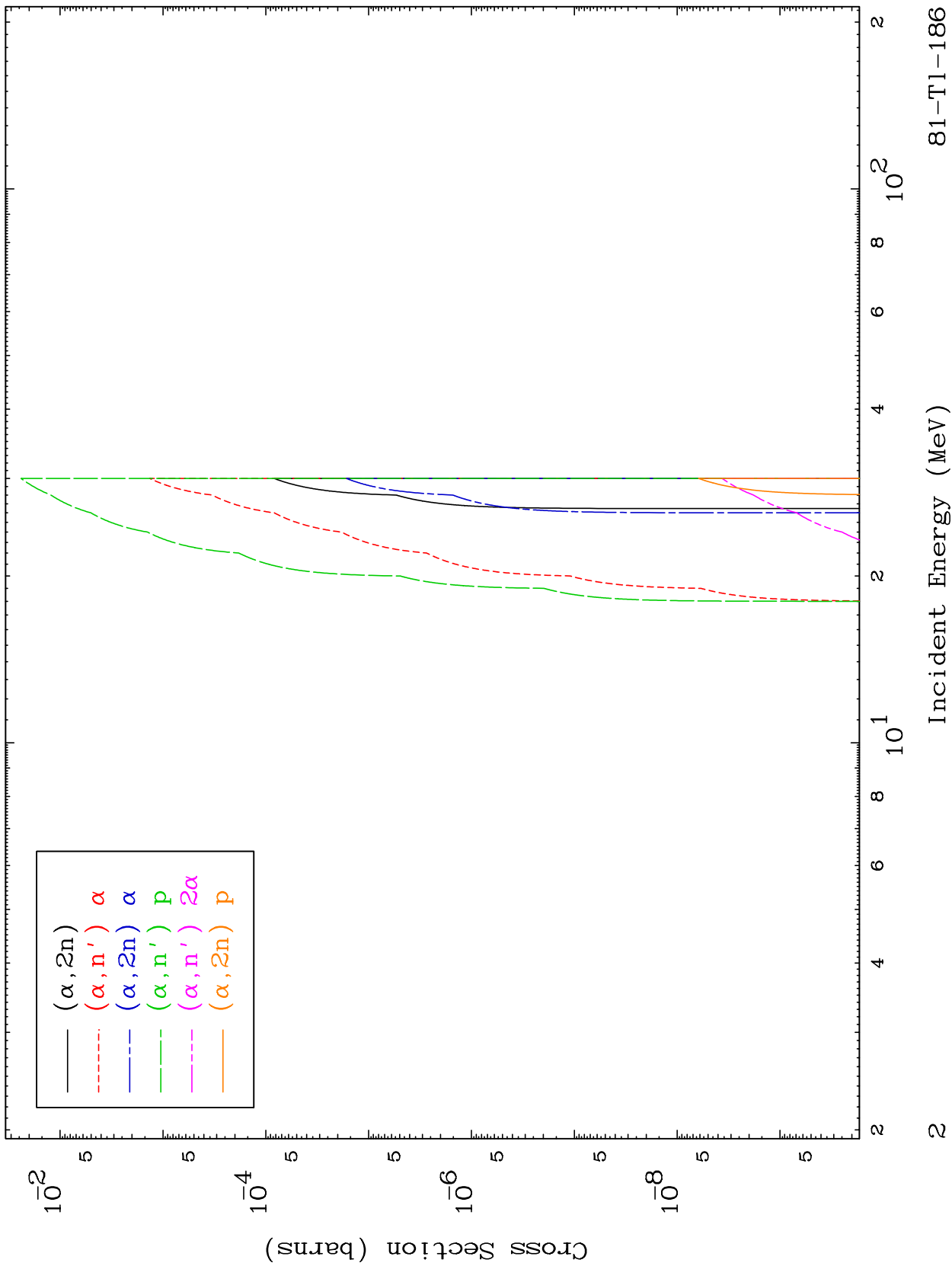
Incident Energy (MeV)

81-Tl-186

MAT 8075

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

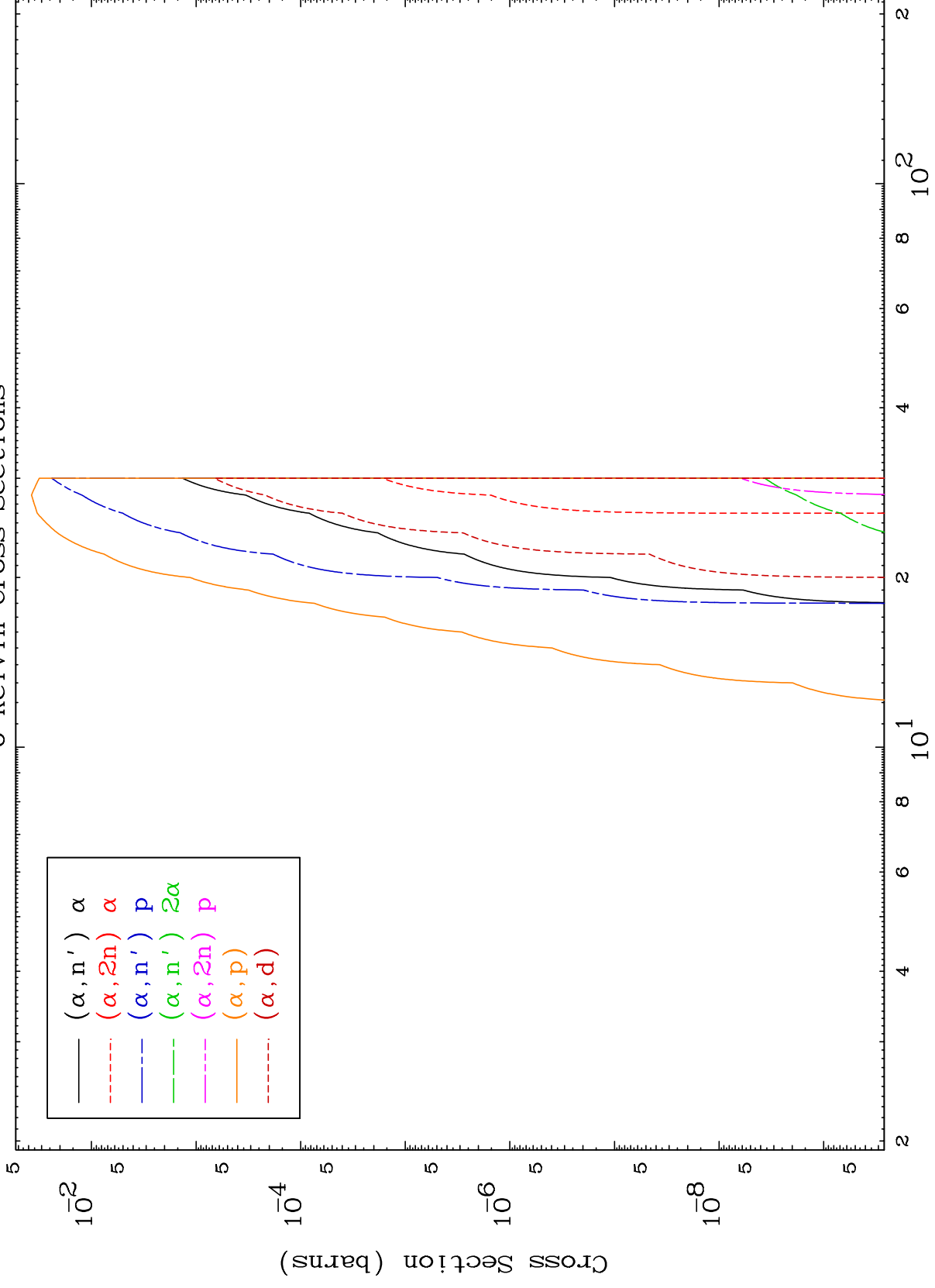
81-Tl-186



81-Tl-186

Incident Energy (MeV)

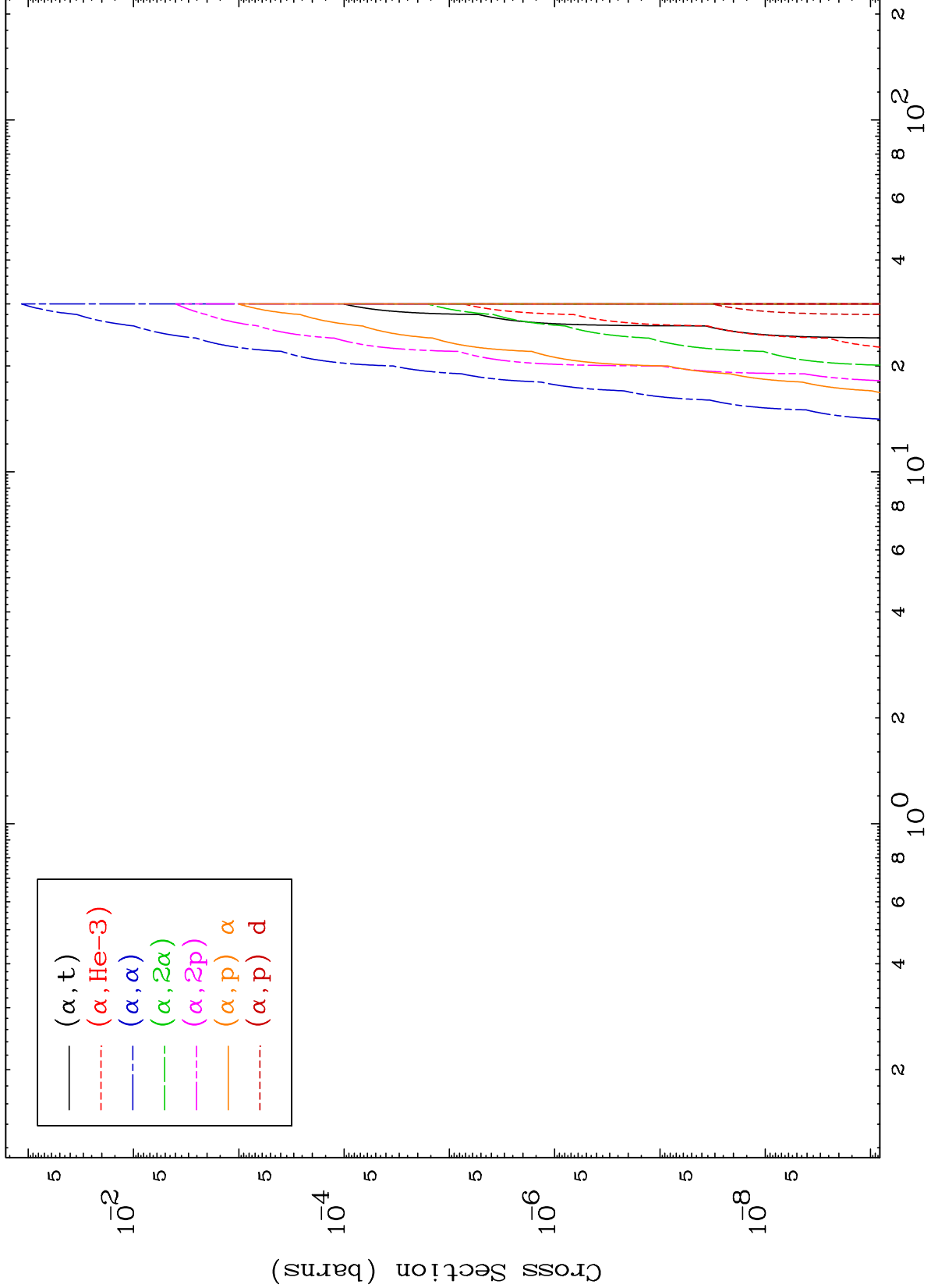
2



MAT 8075

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

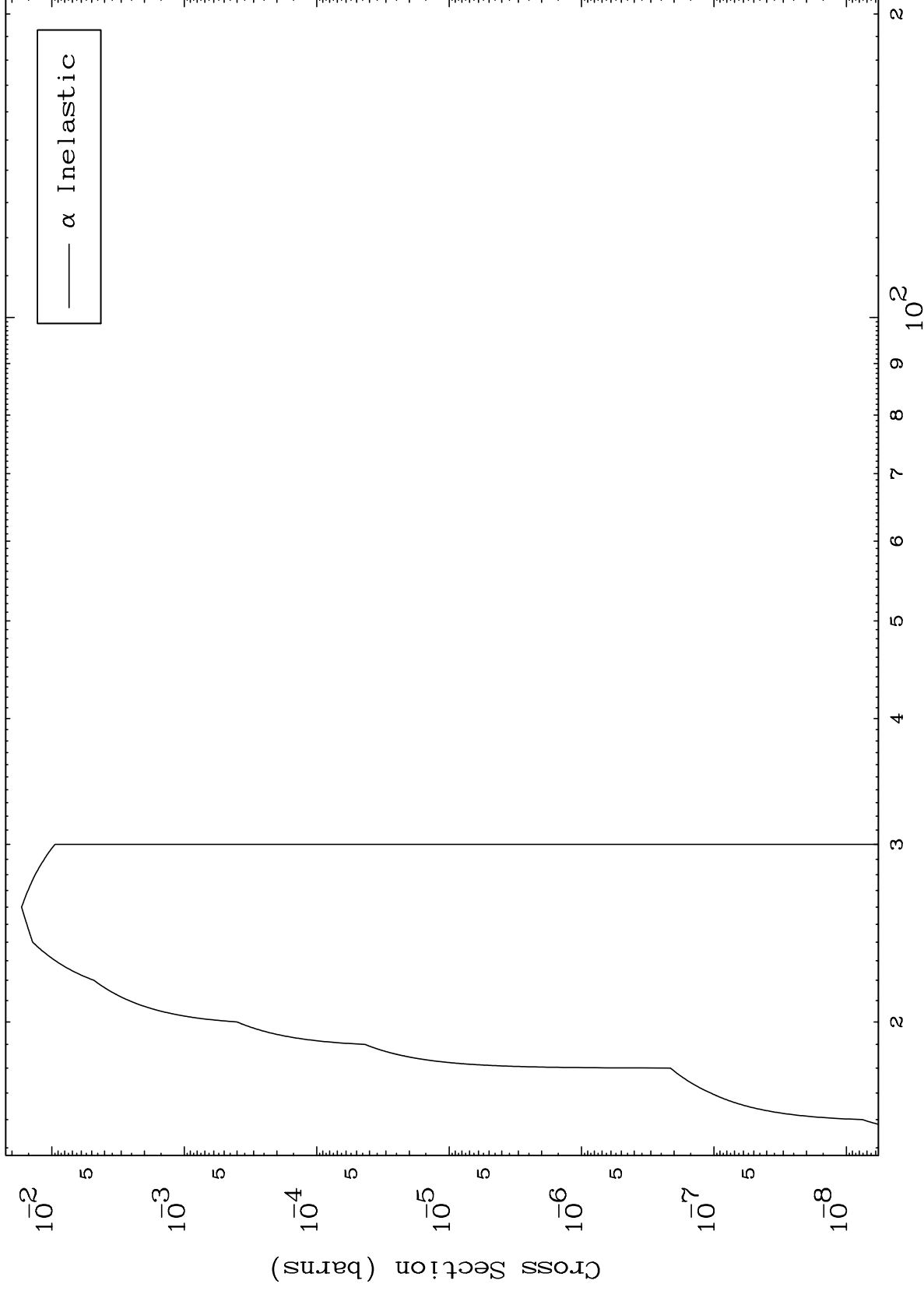
81-Tl-186



MAT 8075

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

81-Tl-186



5

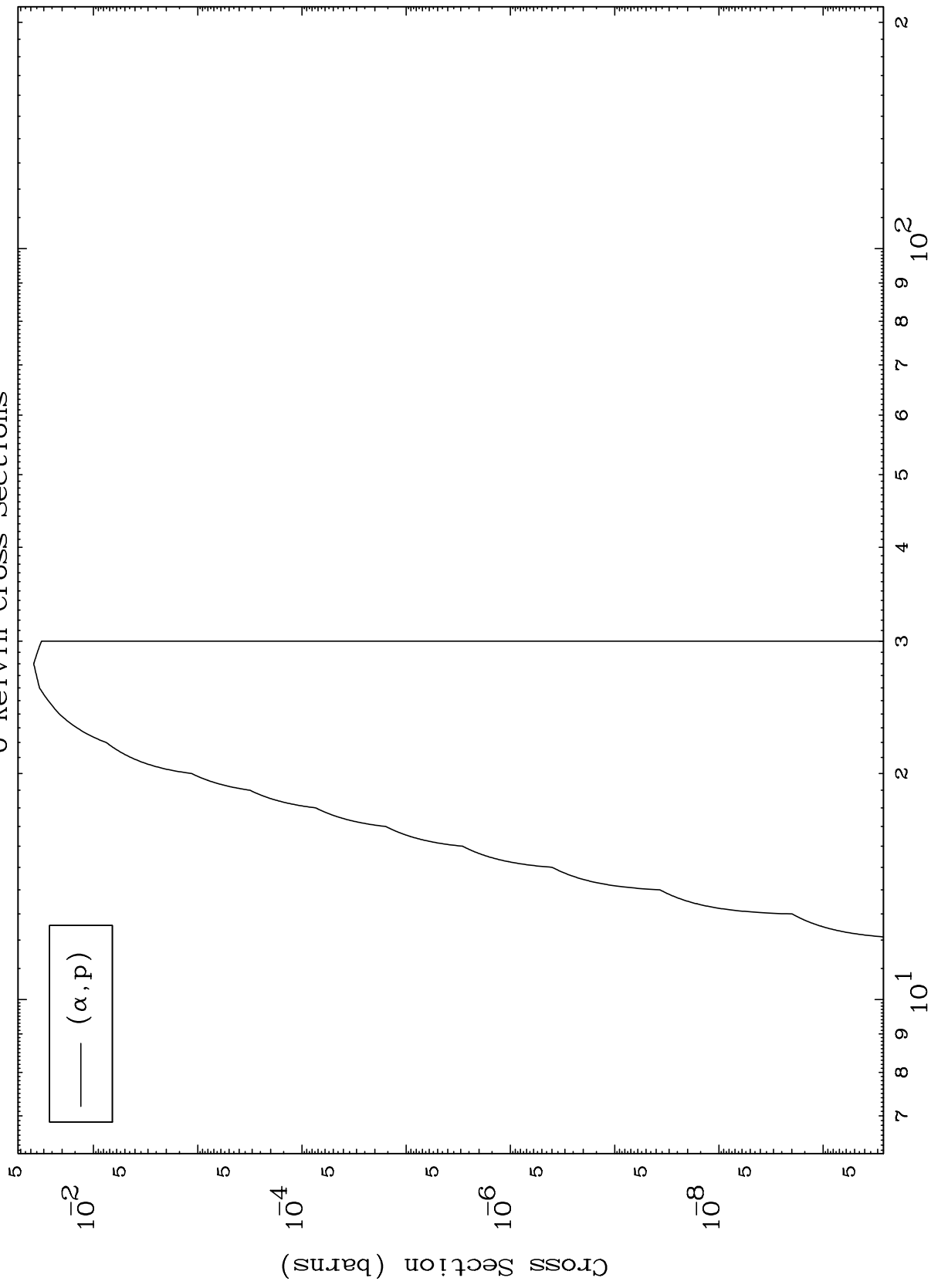
Incident Energy (MeV)

81-Tl-186

MAT 8075

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

81-Tl-186



6

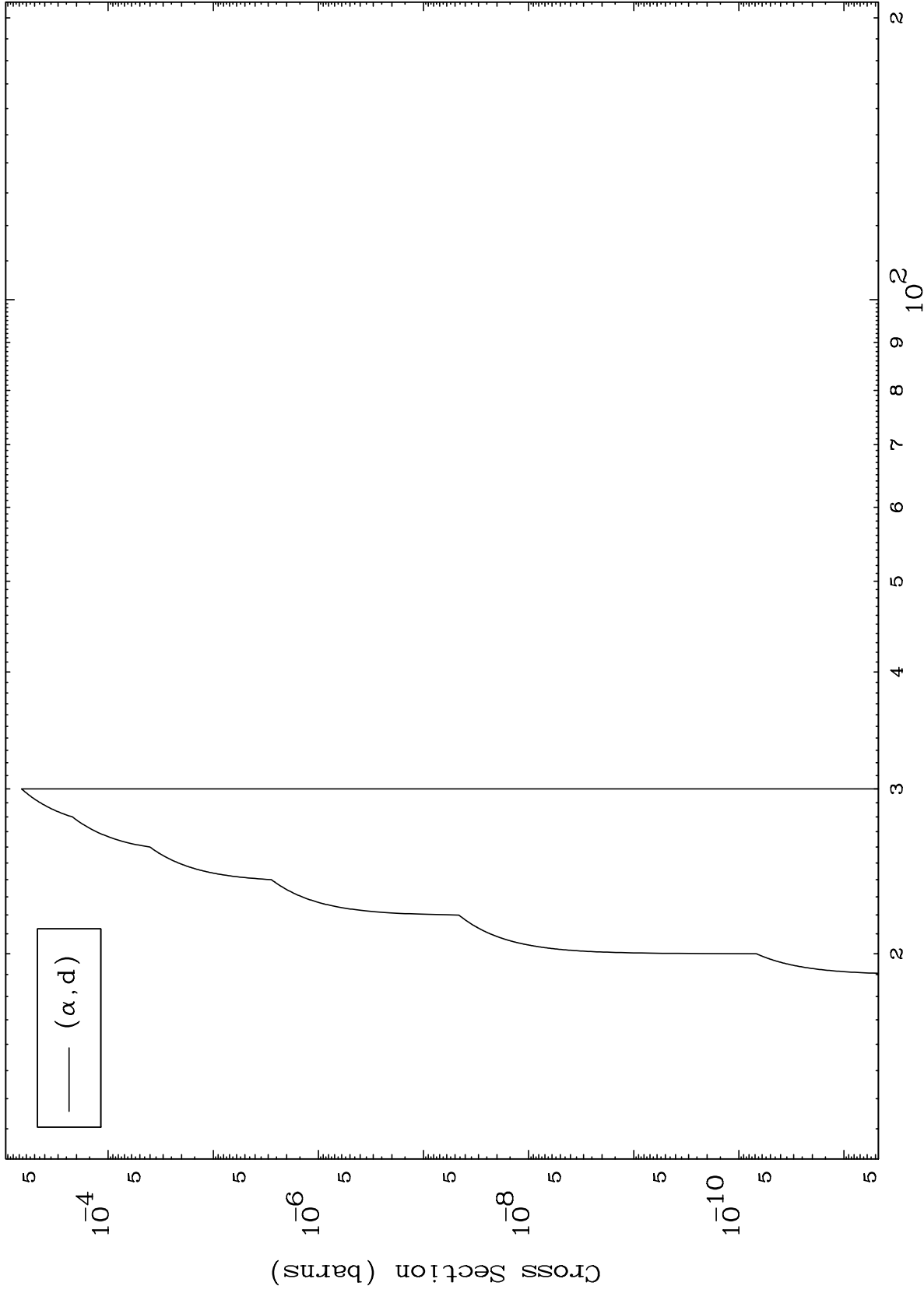
Incident Energy (MeV)

81-Tl-186

MAT 8075

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

81-Tl-186

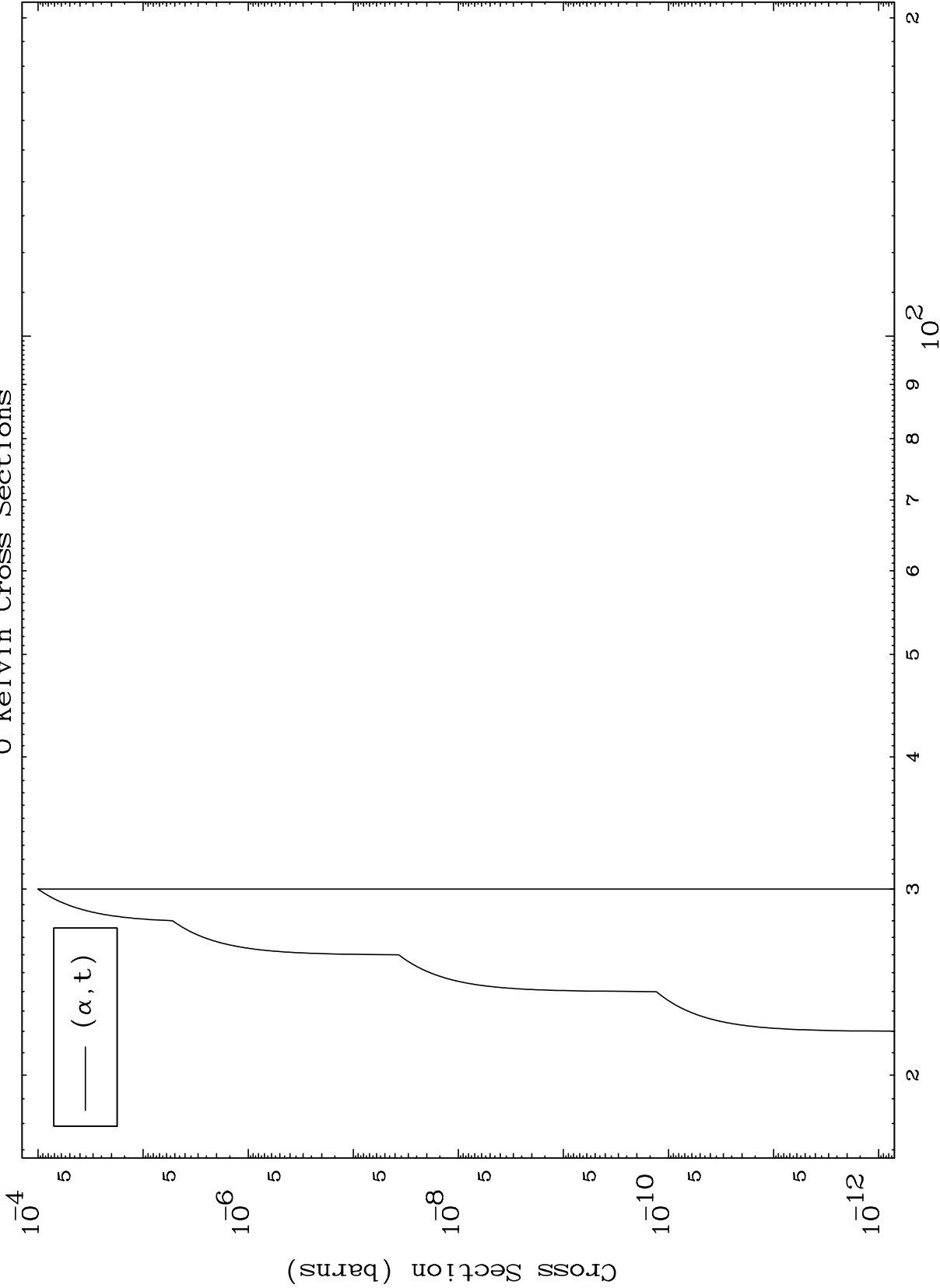


7

Incident Energy (MeV)

81-Tl-186

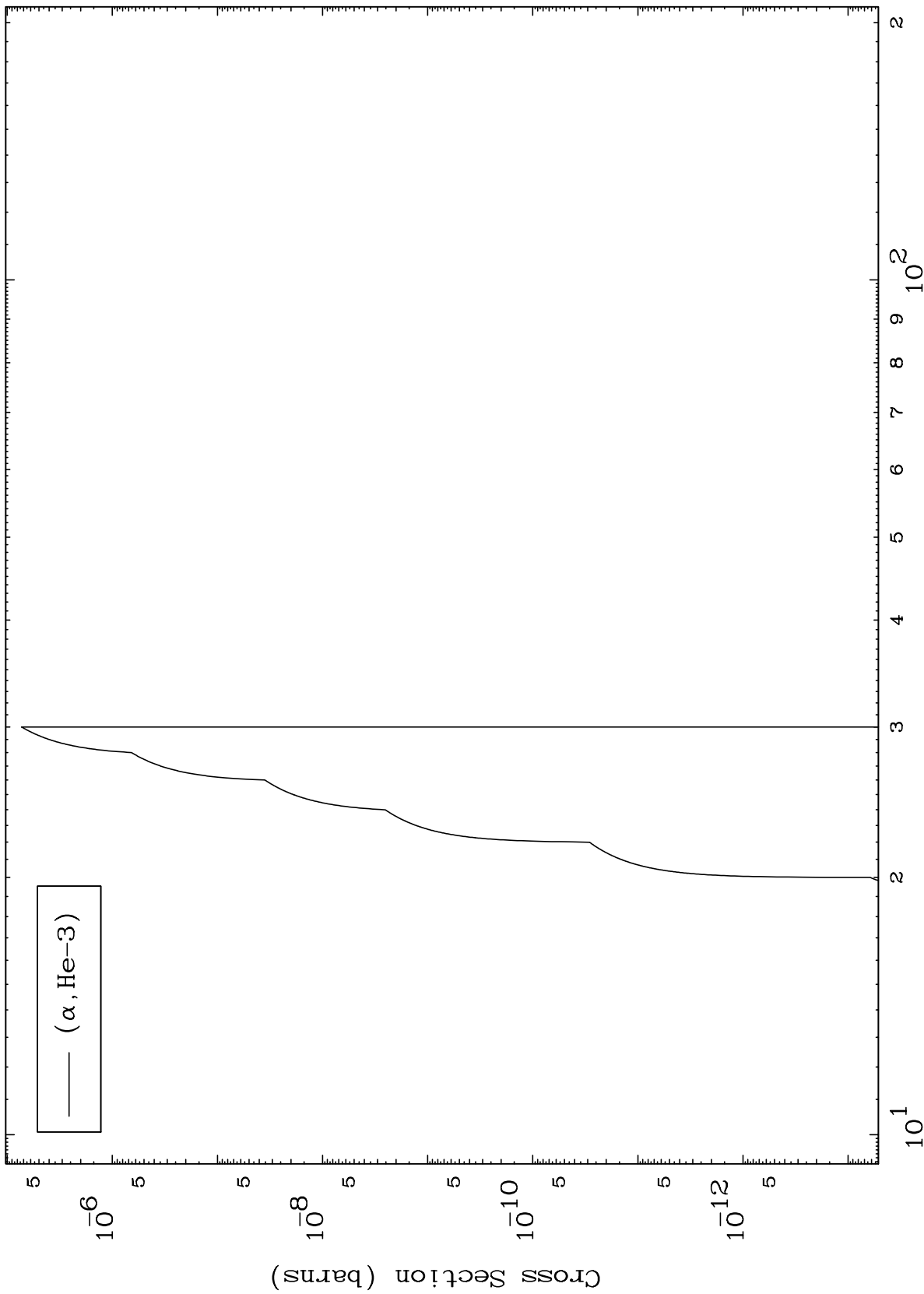




MAT 8075

81-Tl-186

( $\alpha, \text{He}3$ ) Levels  
0 Kelvin Cross Sections



81-Tl-186

Incident Energy (MeV)

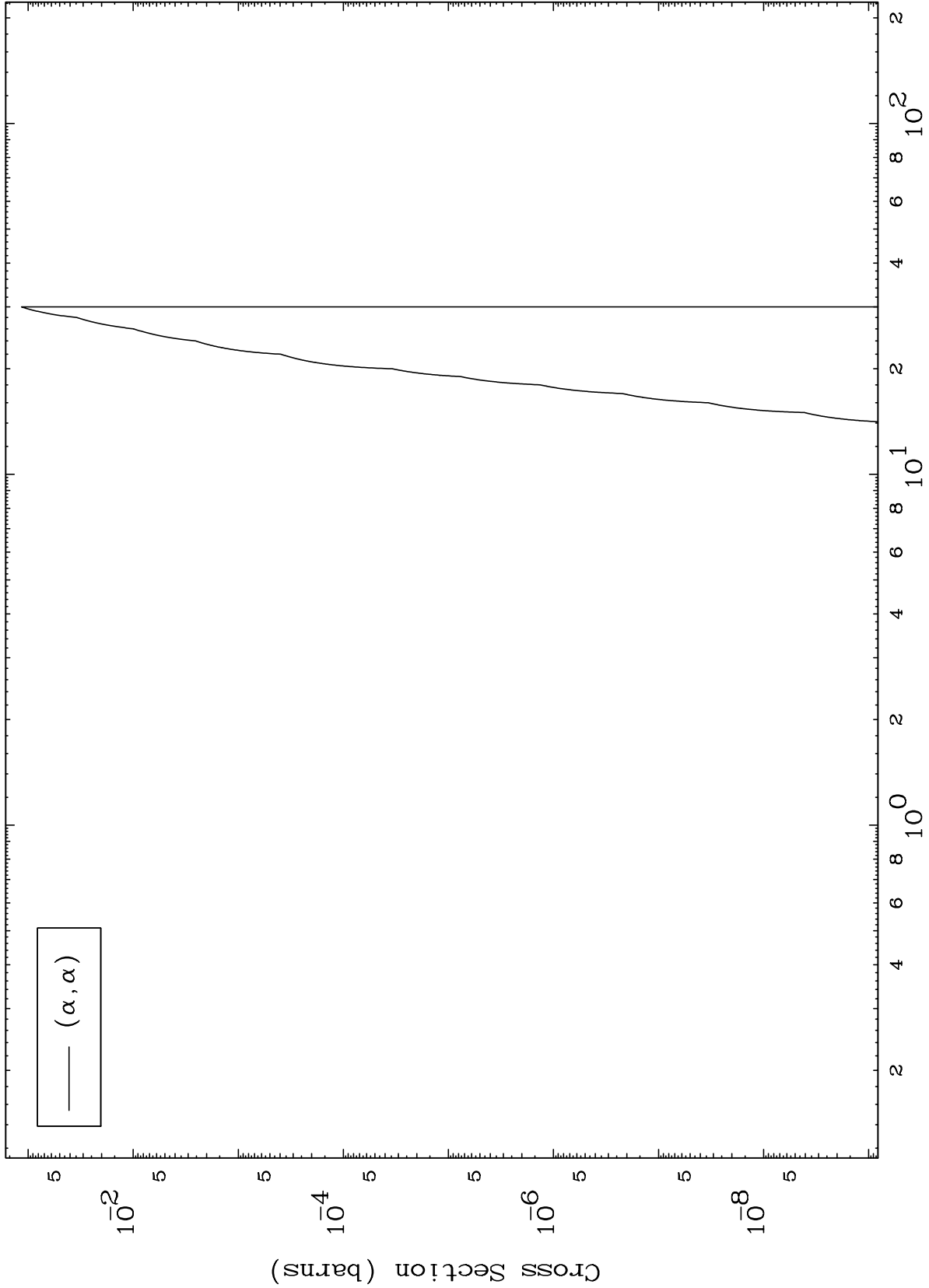
9

MAT 8075

( $\alpha, \alpha$ ) Levels

81-Tl-186

0 Kelvin Cross Sections



10

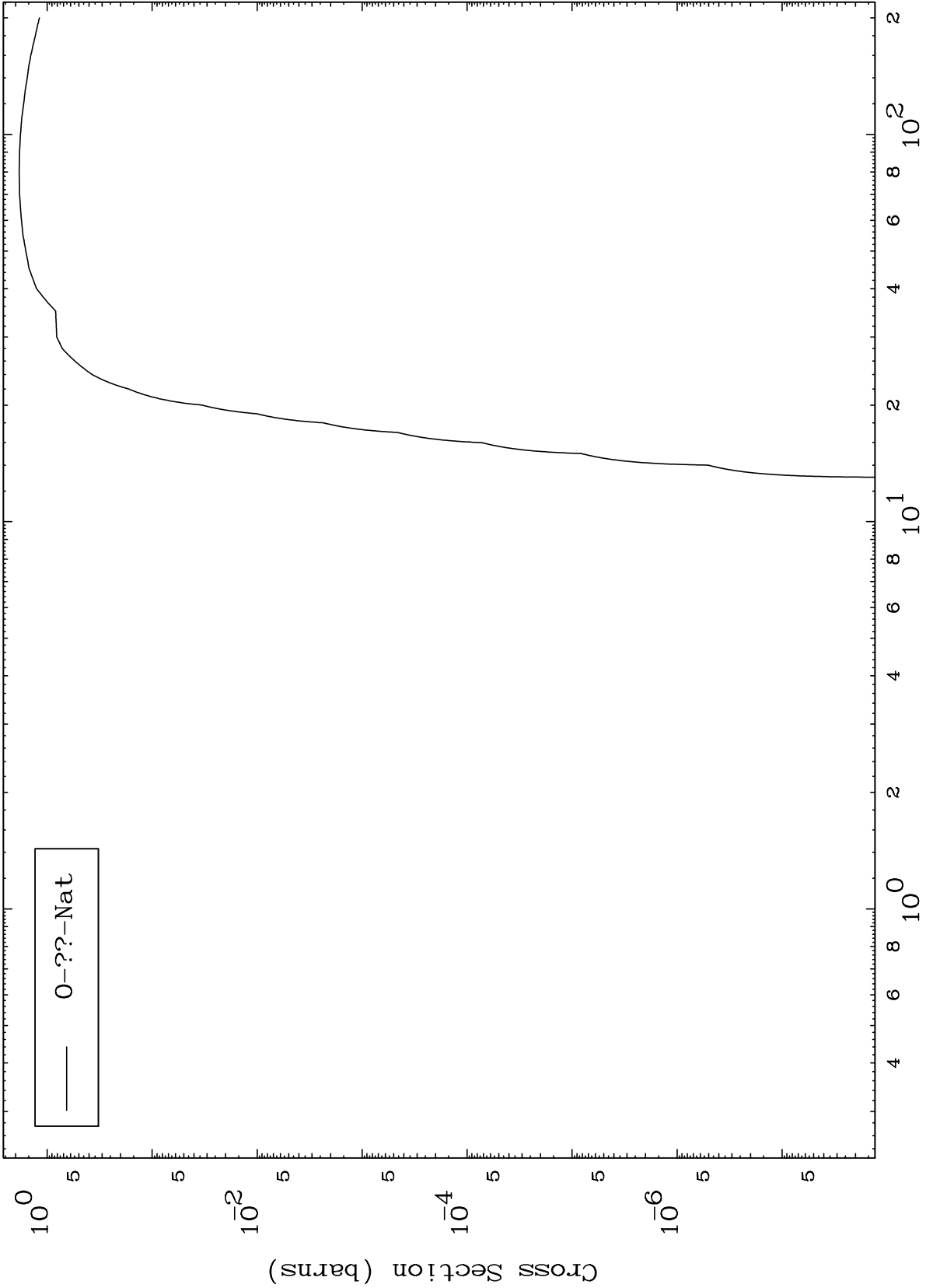
Incident Energy (MeV)

81-Tl-186

MAT 8075

81-Tl-186

$\alpha$  Fission  
Radionuclide Production Cross Section

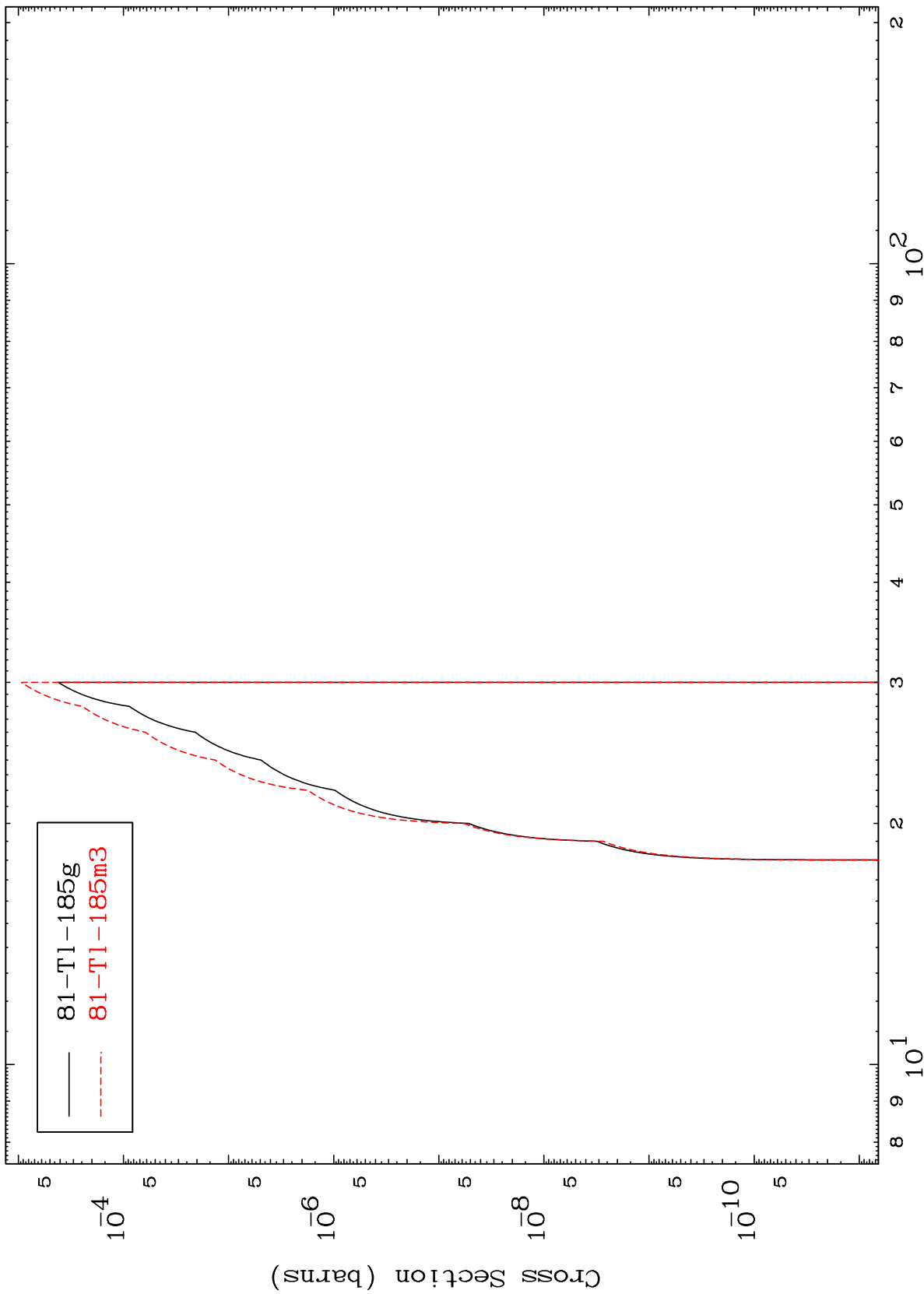


MAT 8075

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

81-Tl-186

Radionuclide Production Cross Section

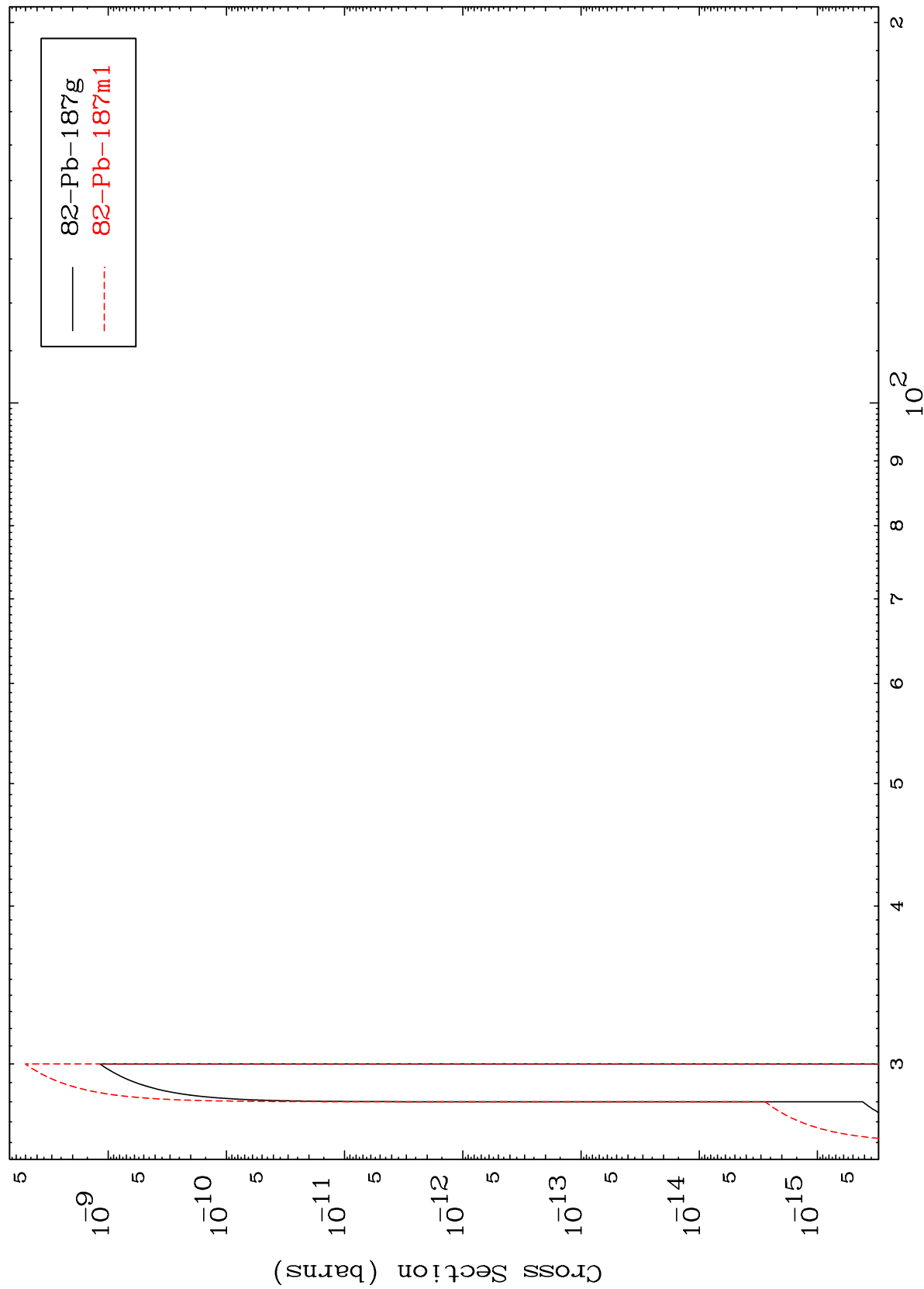


12

Incident Energy (MeV)

81-Tl-186

Radionuclide Production Cross Section



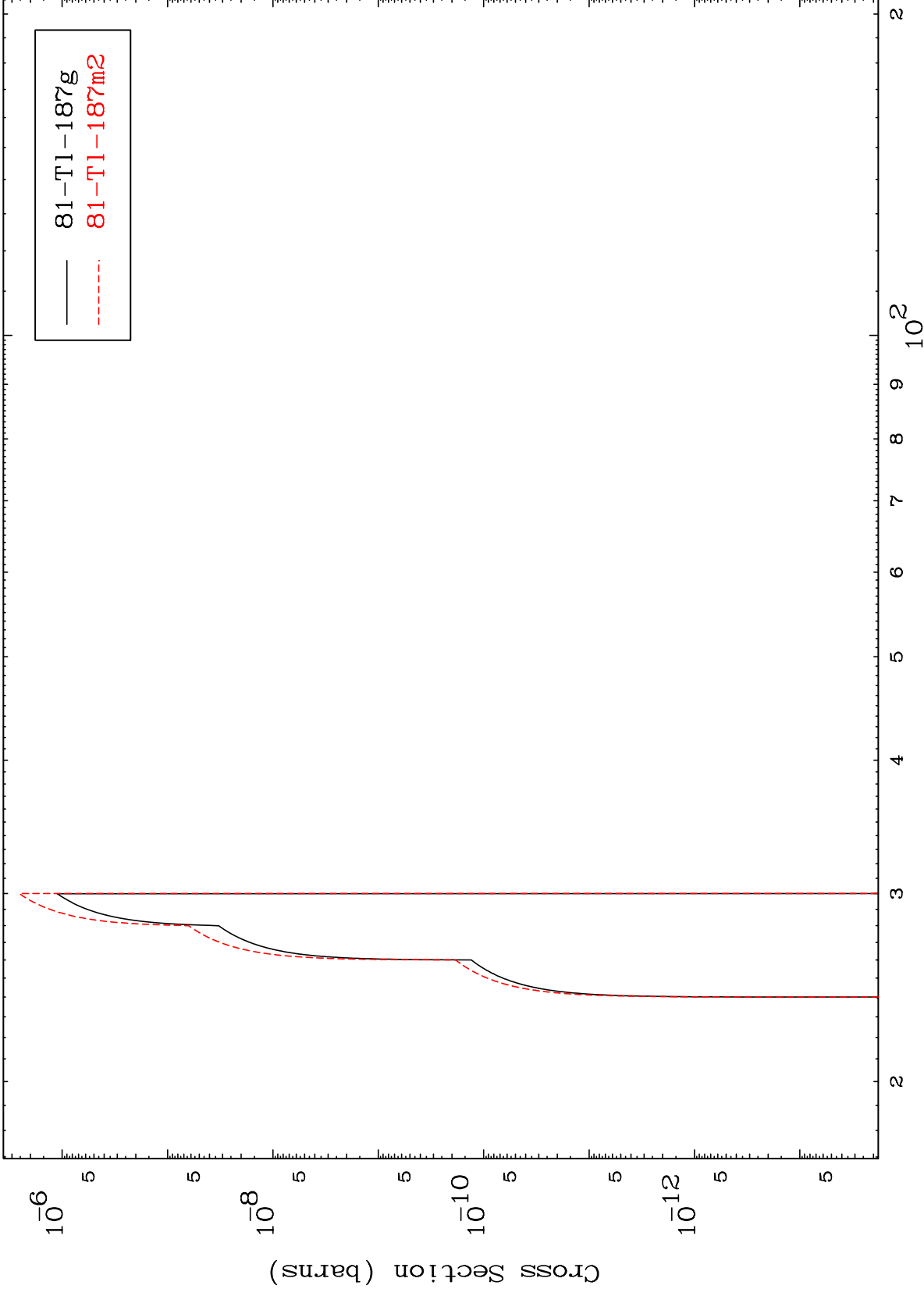
82-Pb-187g  
82-Pb-187m1

MAT 8075

( $\alpha, 2n$ ) p

81-Tl-186

Radionuclide Production Cross Section



14

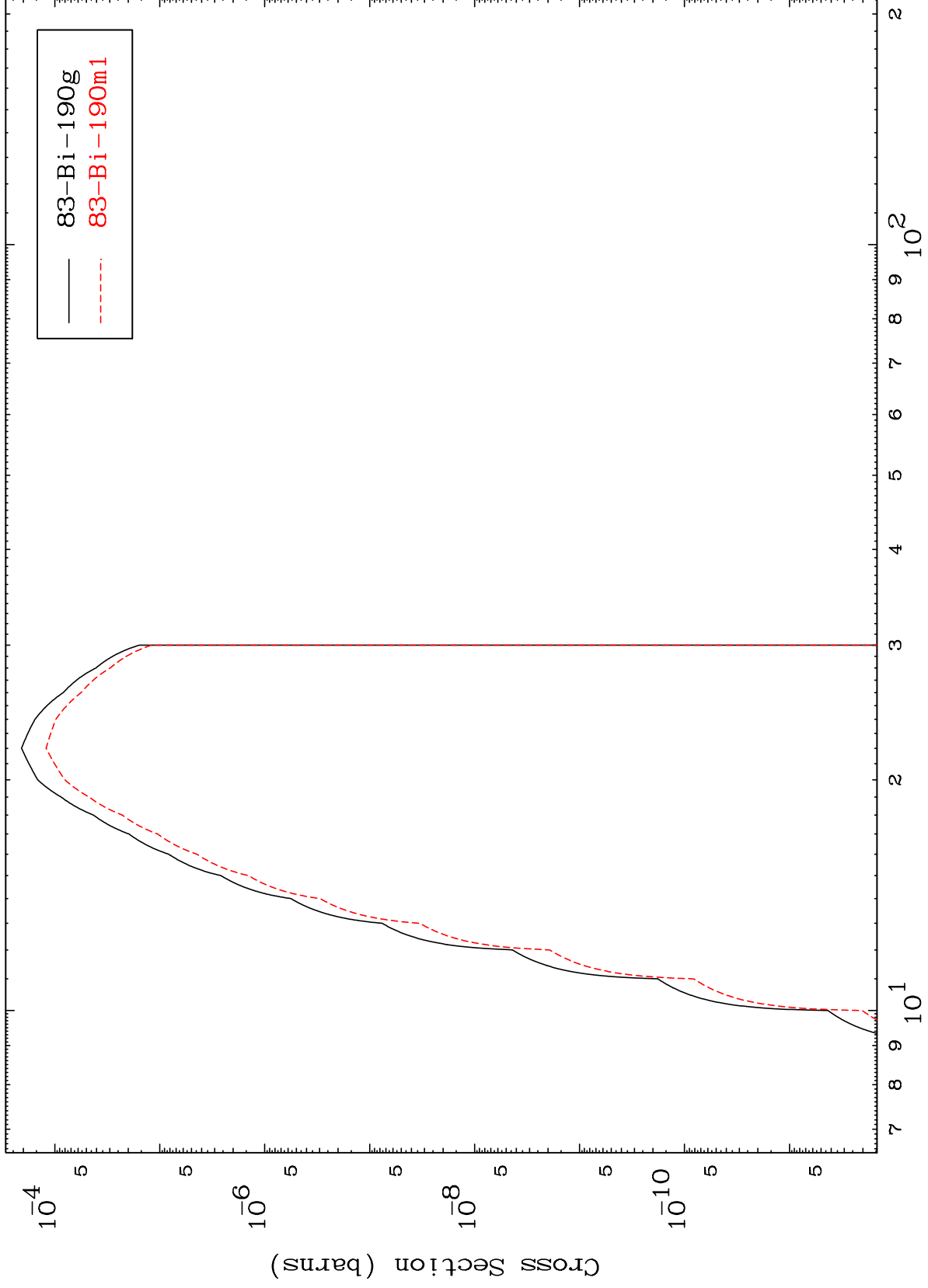
Incident Energy (MeV)

81-Tl-186

MAT 8075

81-Tl-186

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



15

Incident Energy (MeV)

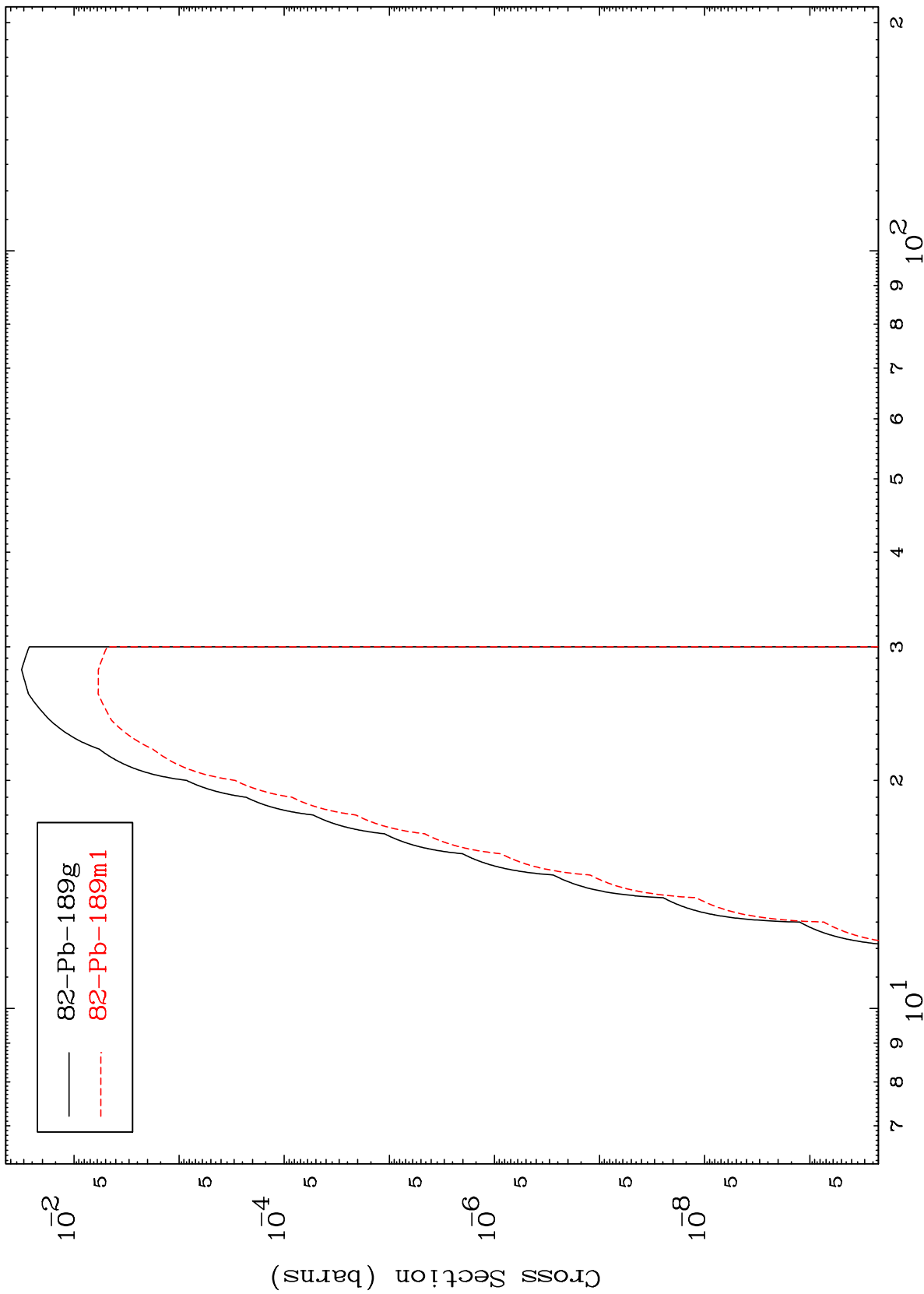
81-Tl-186



MAT 8075

81-Tl-186

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

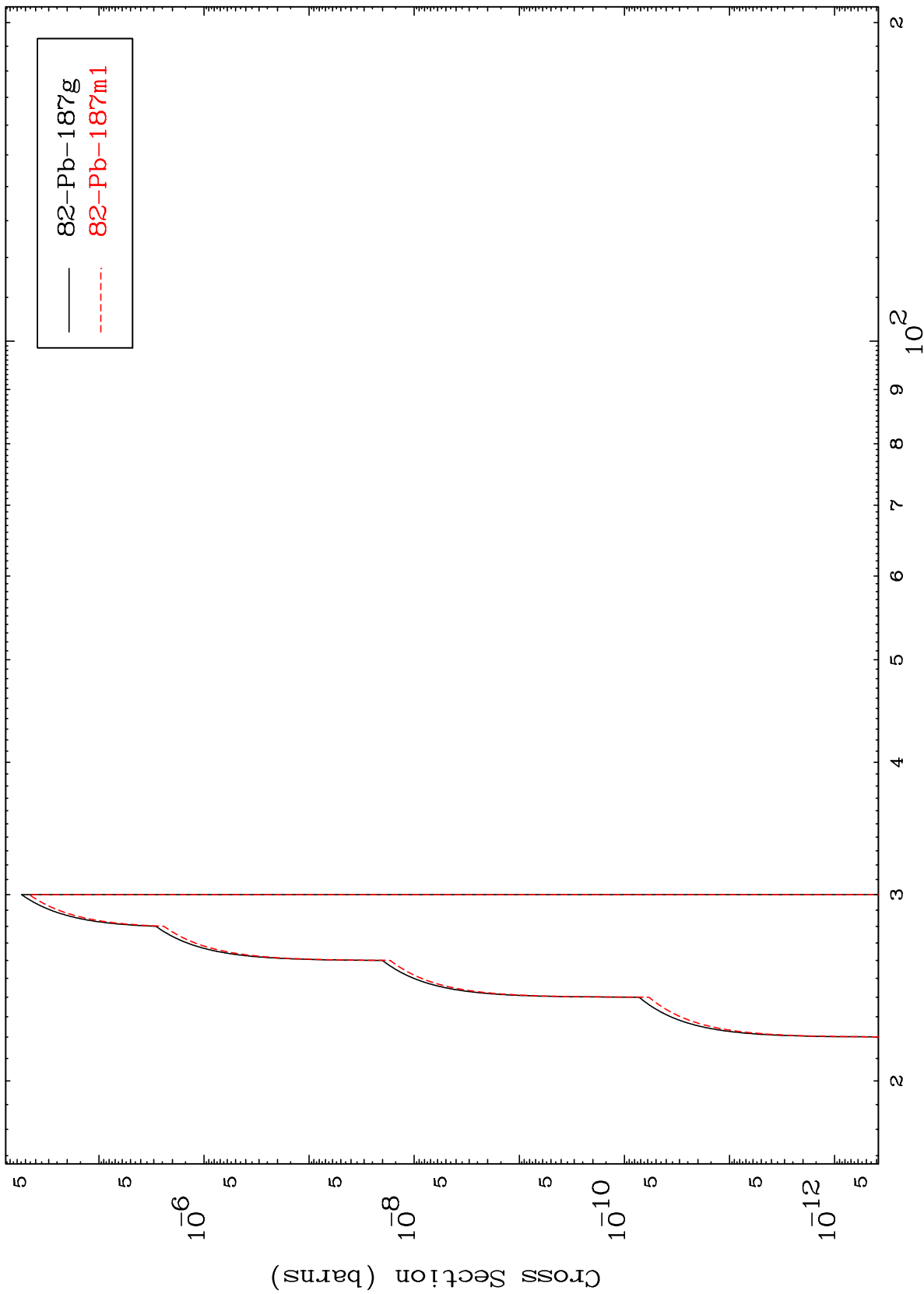


16

Incident Energy (MeV)

81-Tl-186

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

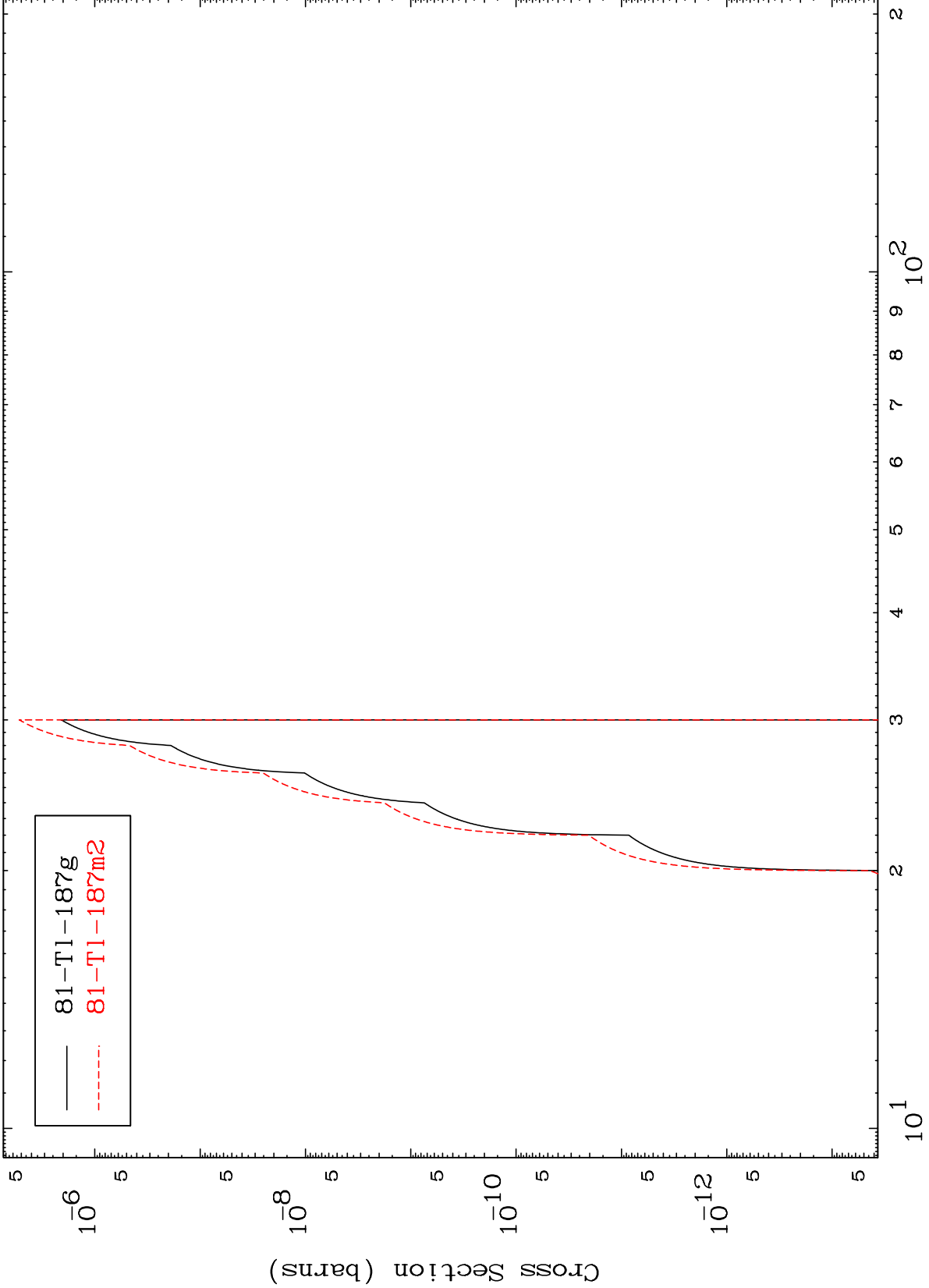


MAT 8075

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

81-Tl-186

Radionuclide Production Cross Section



81-Tl-187g  
81-Tl-187m2

18

Incident Energy (MeV)

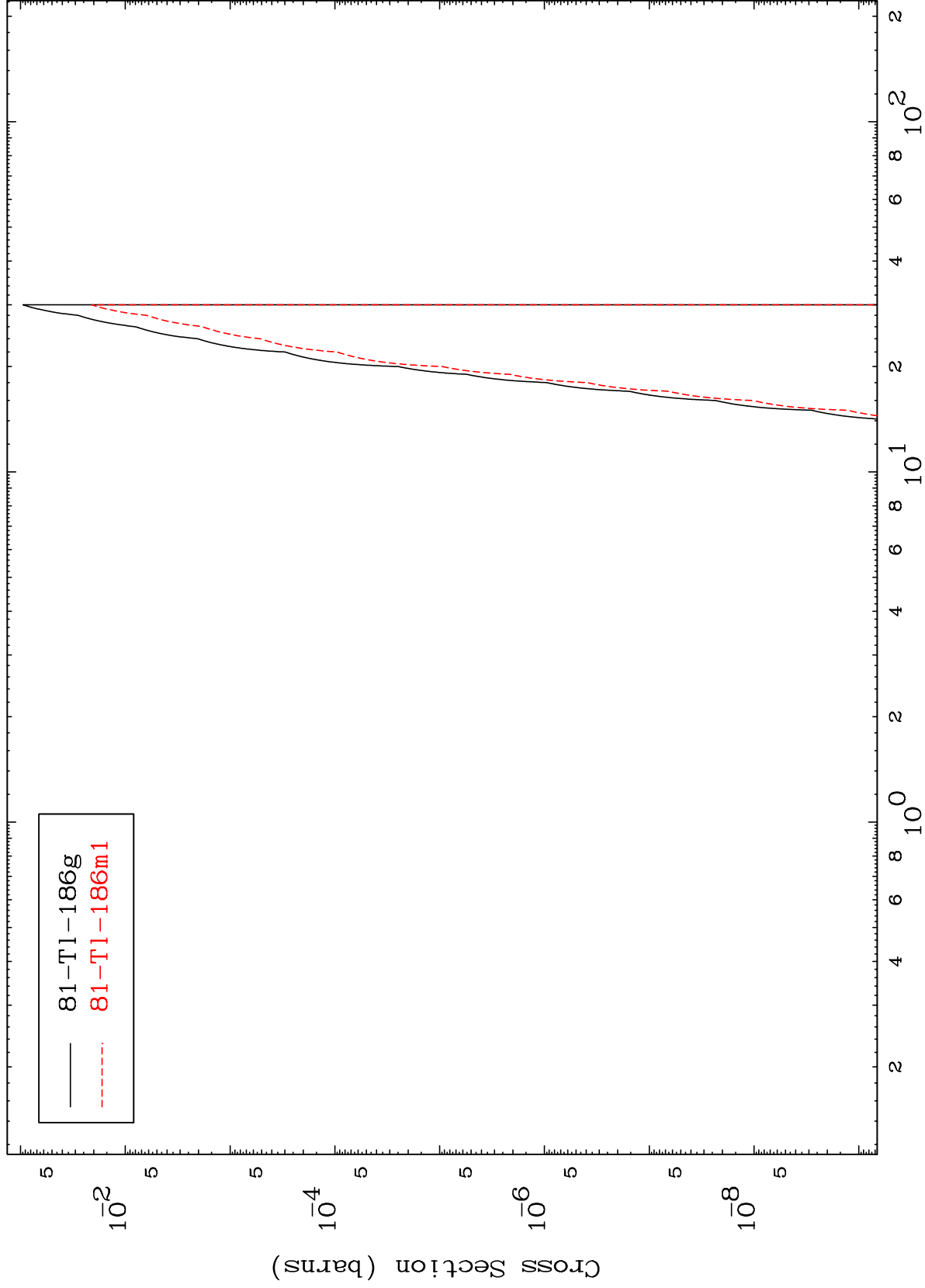
81-Tl-186

MAT 8075

( $\alpha, \alpha$ )

81-Tl-186

Radionuclide Production Cross Section



19

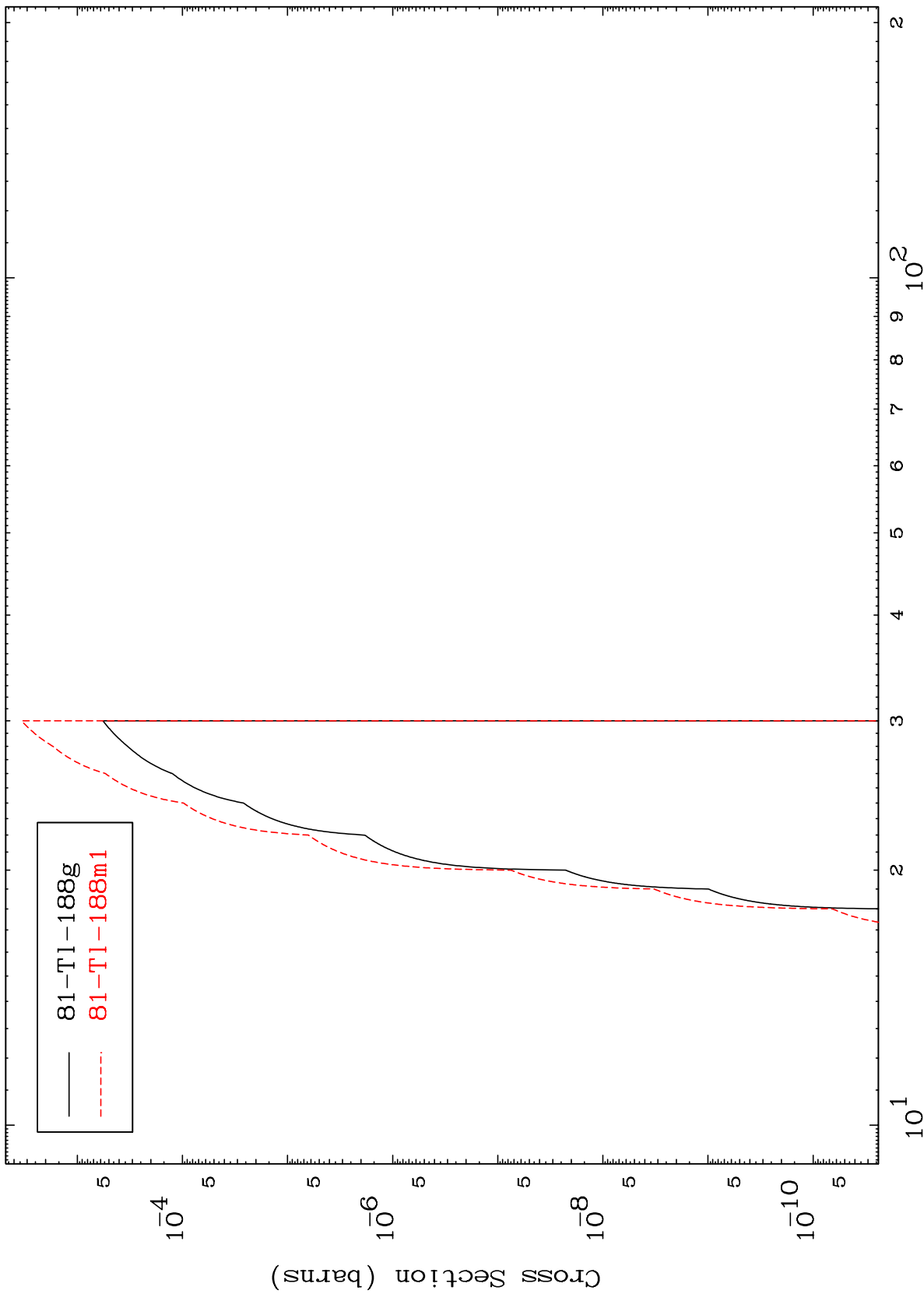
Incident Energy (MeV)

81-Tl-186

MAT 8075

81-Tl-186

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



81-Tl-186

Incident Energy (MeV)

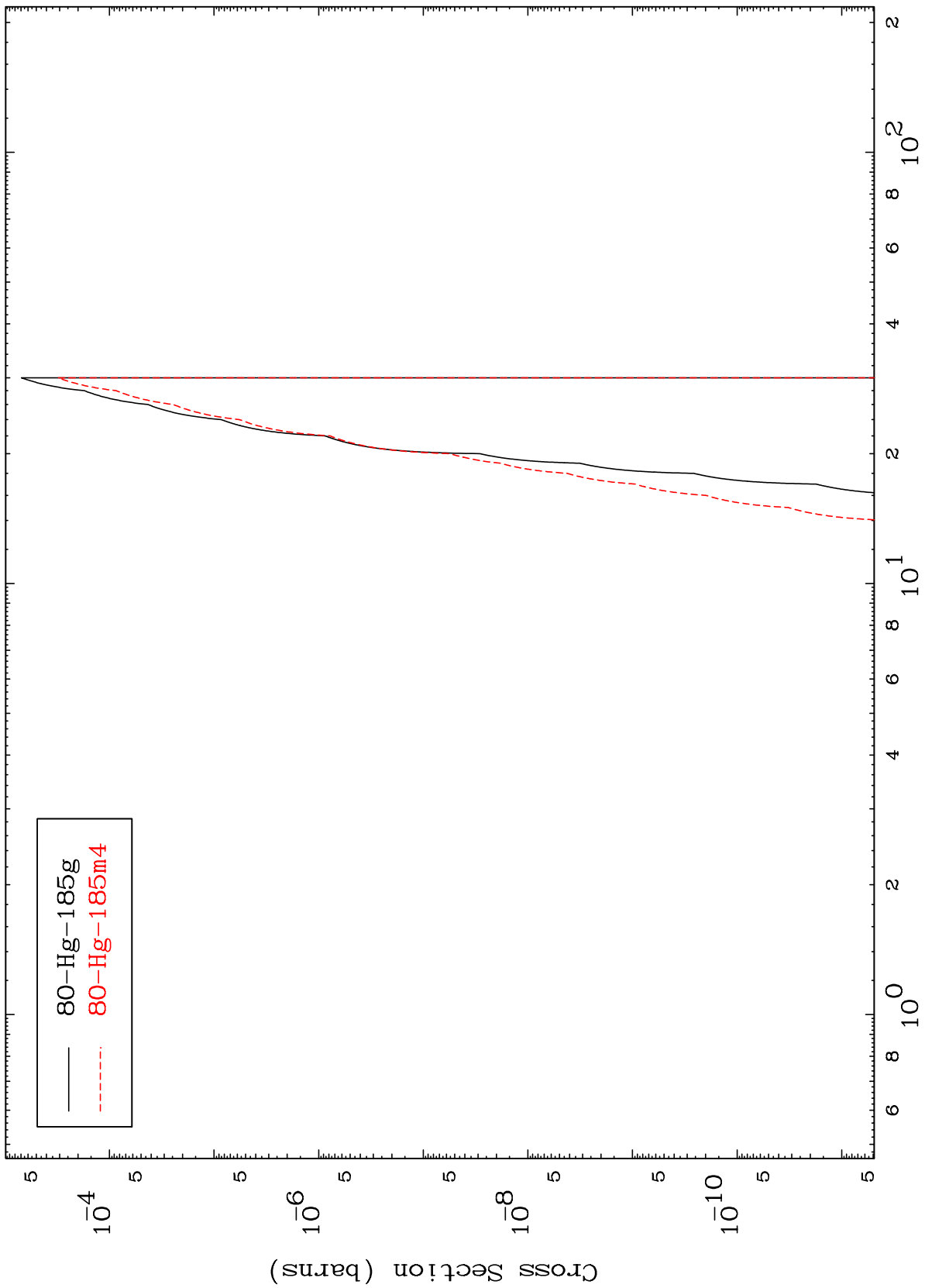
20

MAT 8075

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

81-Tl-186

Radionuclide Production Cross Section



80-Hg-185g  
80-Hg-185m4

Radionuclide Production Cross Section

