

Program EVALPLOT  
(Version 2018-1)

by

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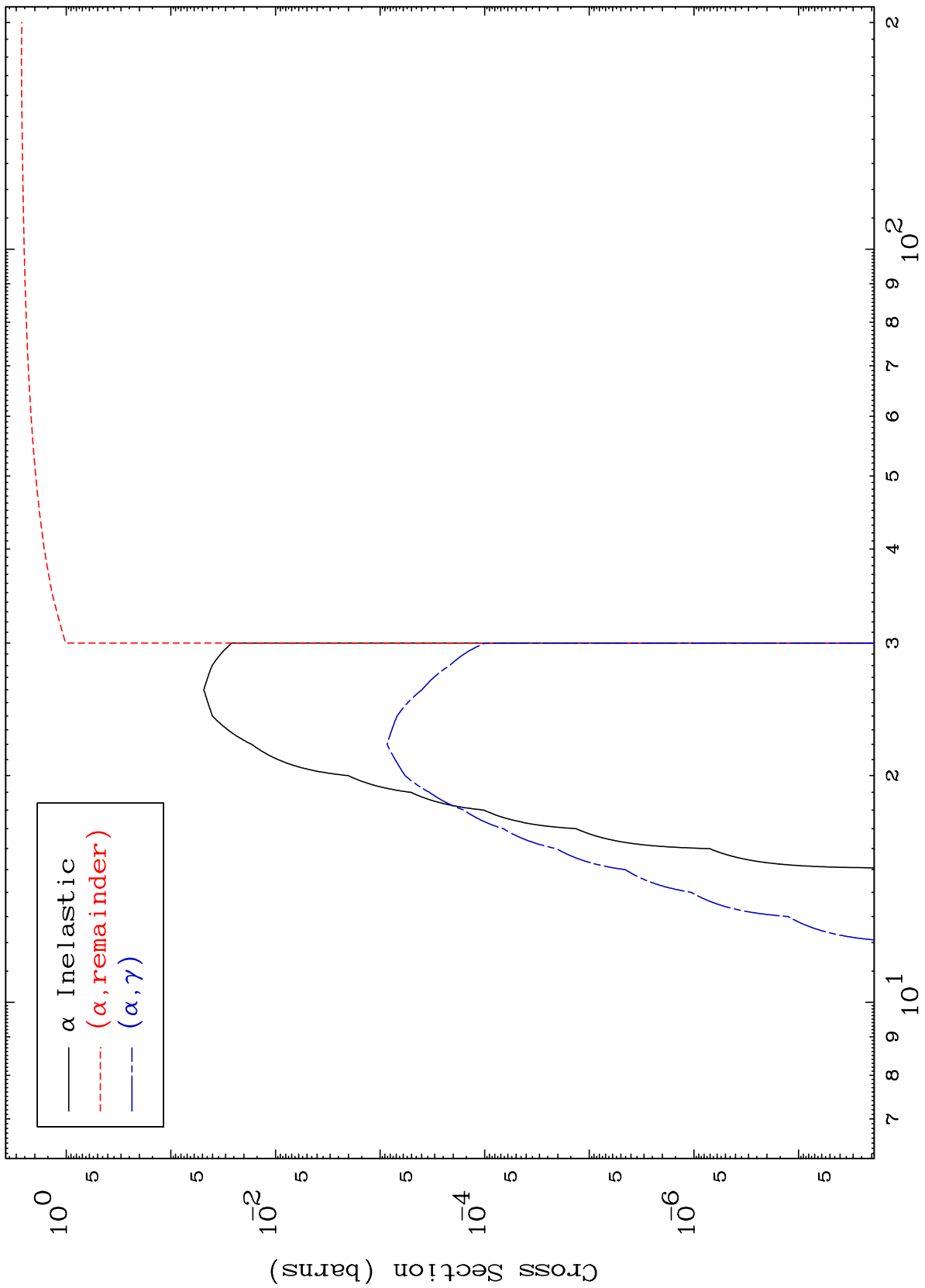
Press Mouse Button to Start

MAT 8080

$\alpha$  Major

81-Tl-188

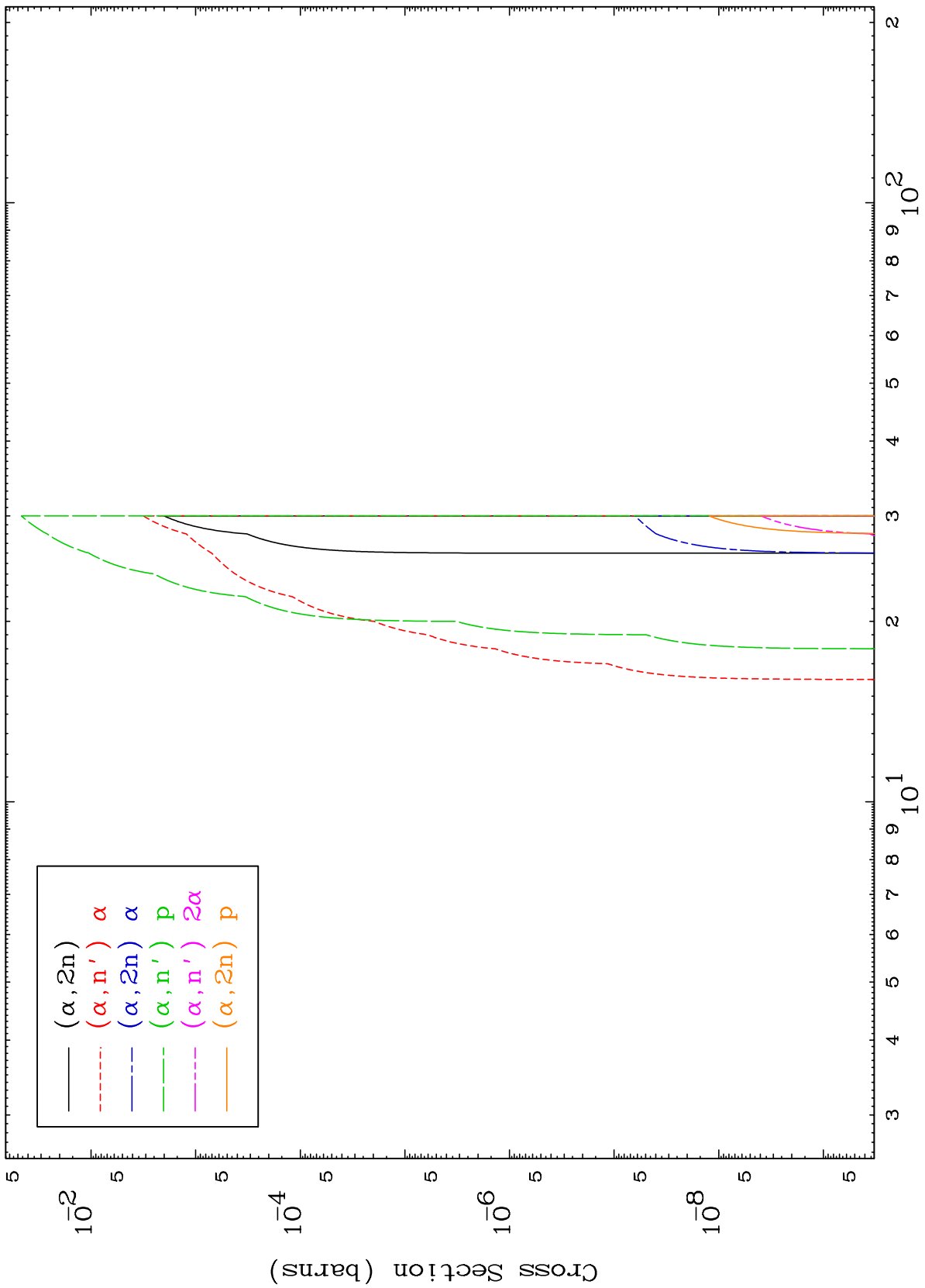
0 Kelvin Cross Sections

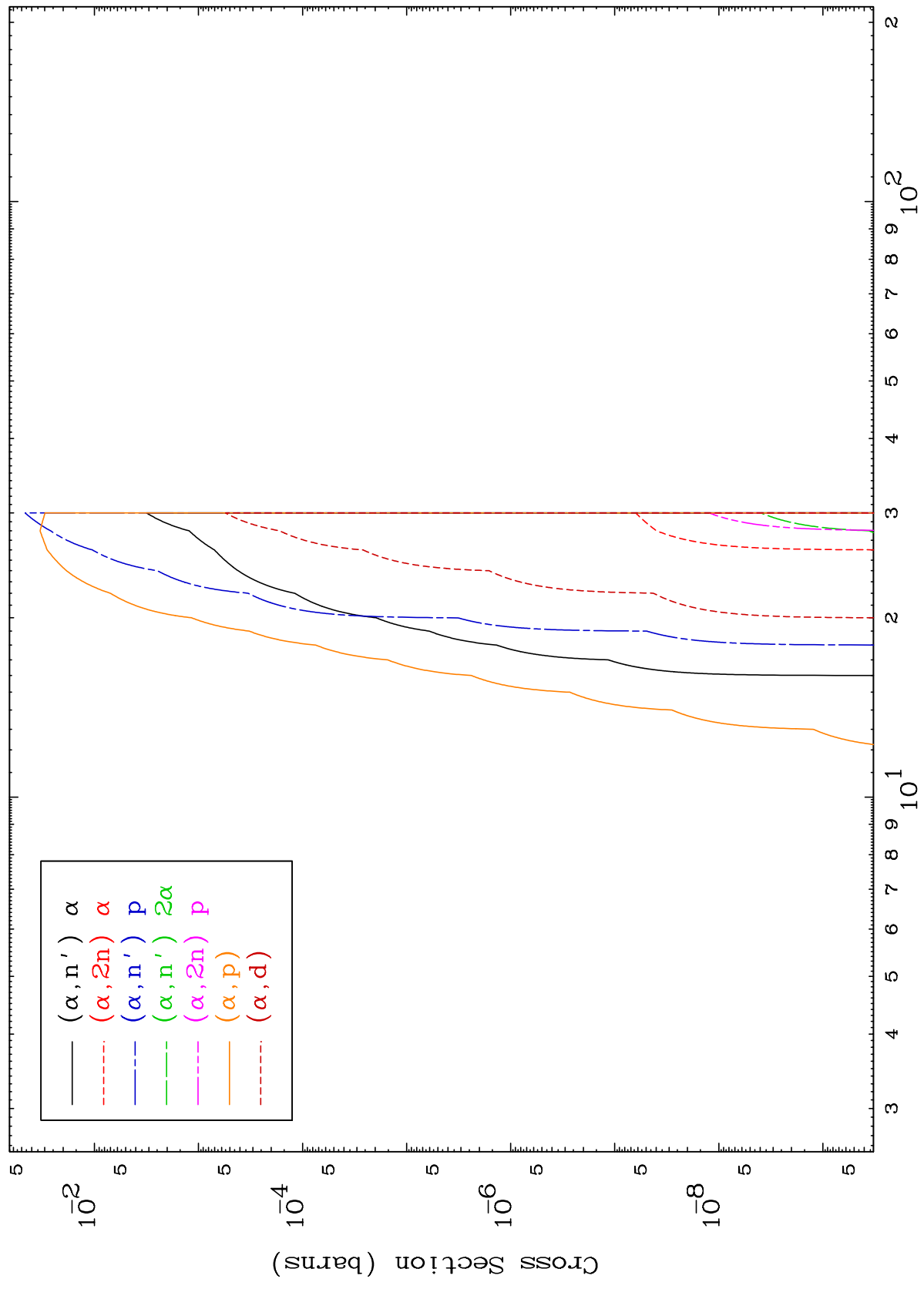


Incident Energy (MeV)

81-Tl-188

1

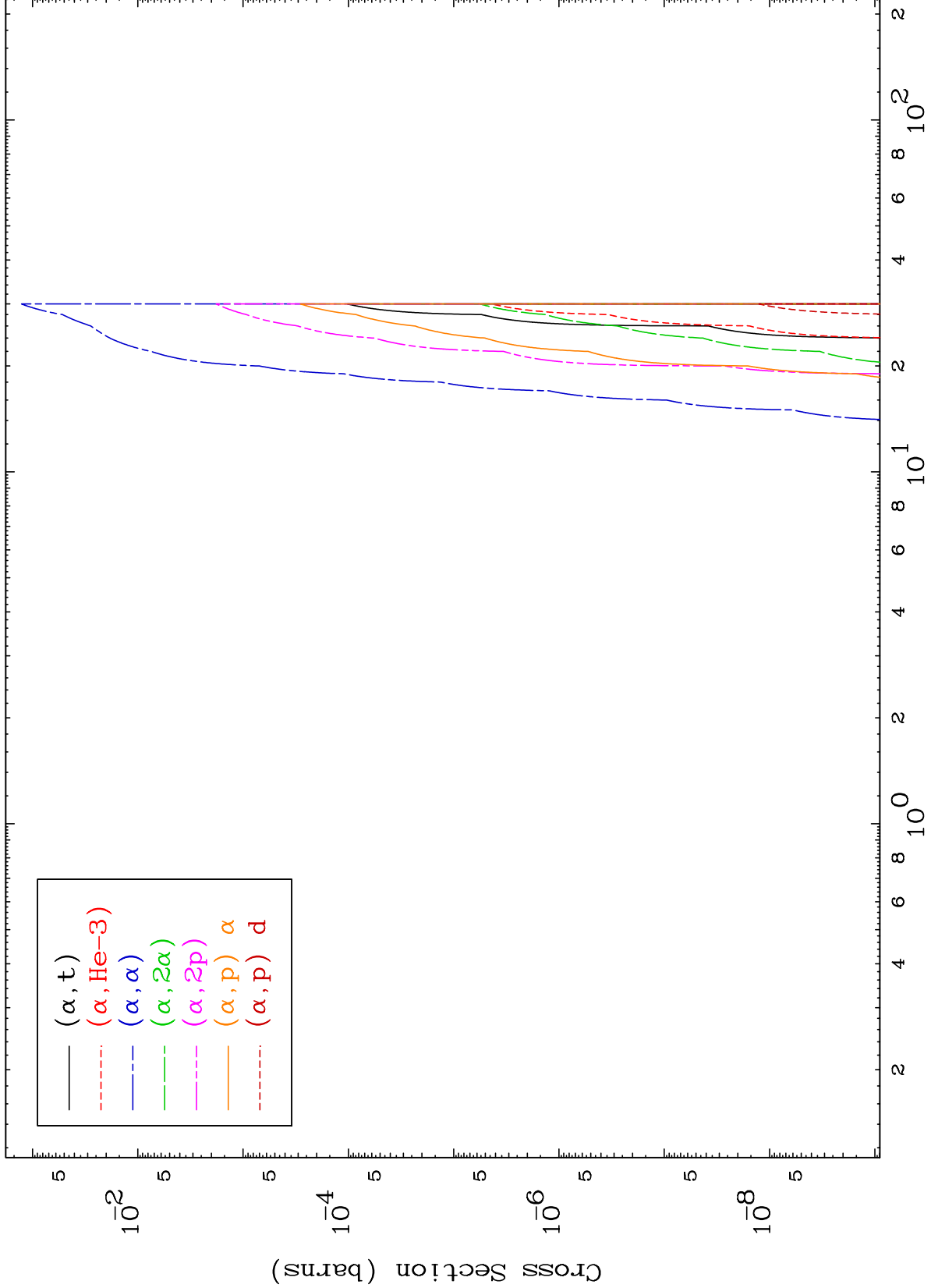




MAT 8080

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

81-Tl-188

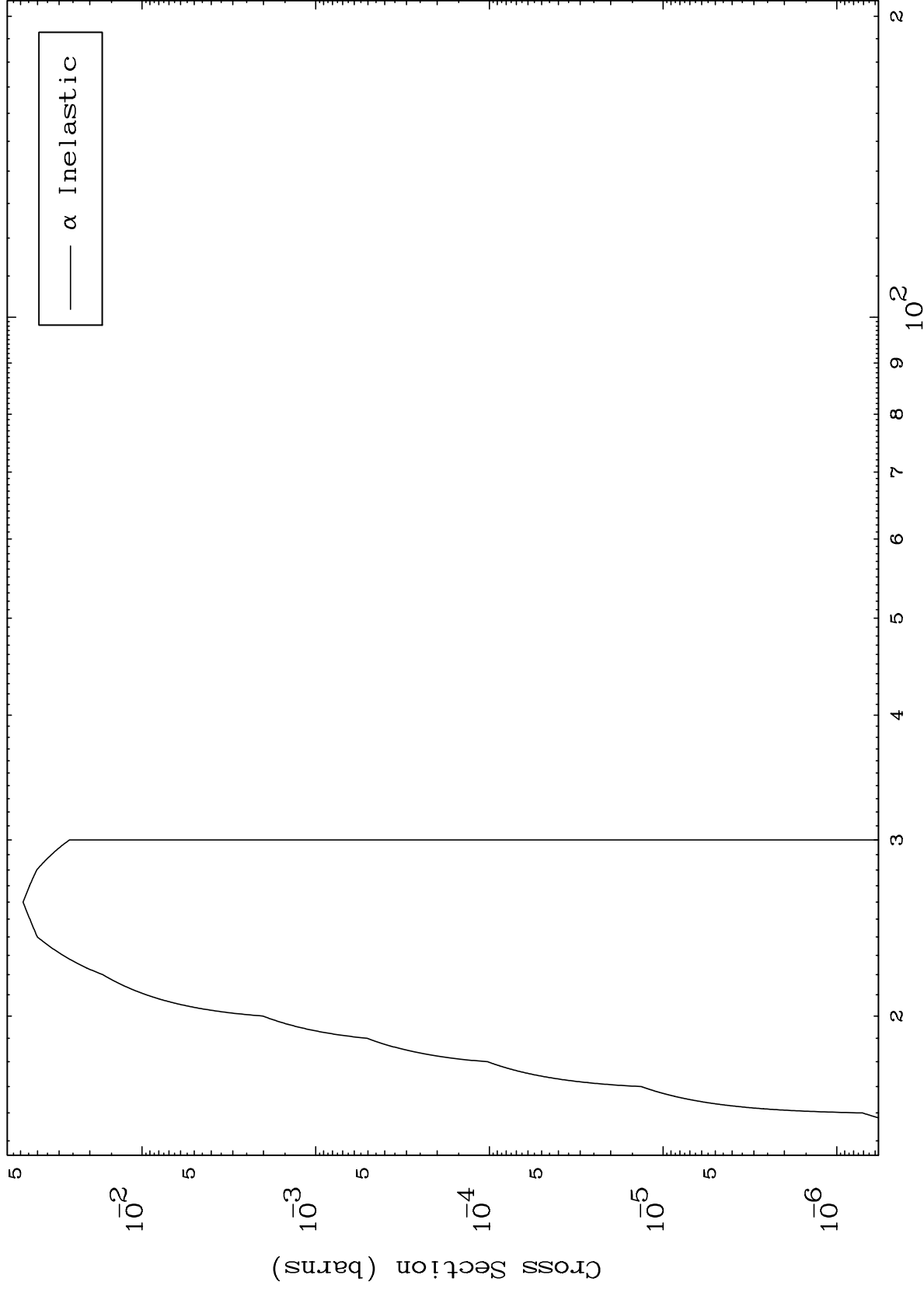


MAT 8080

( $\alpha, n'$ ) Level

81-Tl-188

0 Kelvin Cross Sections



5

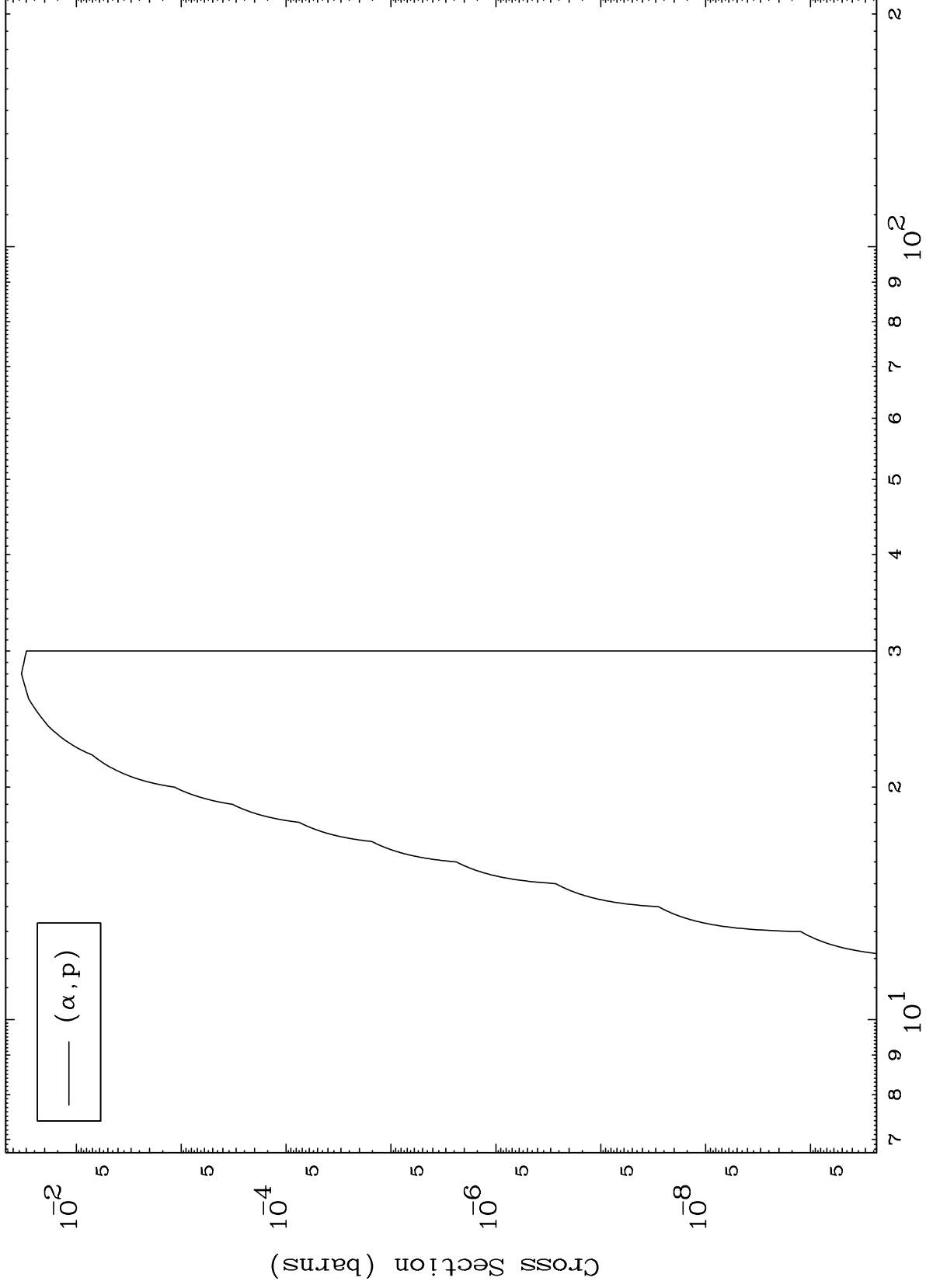
Incident Energy (MeV)

81-Tl-188

MAT 8080

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

81-Tl-188



6

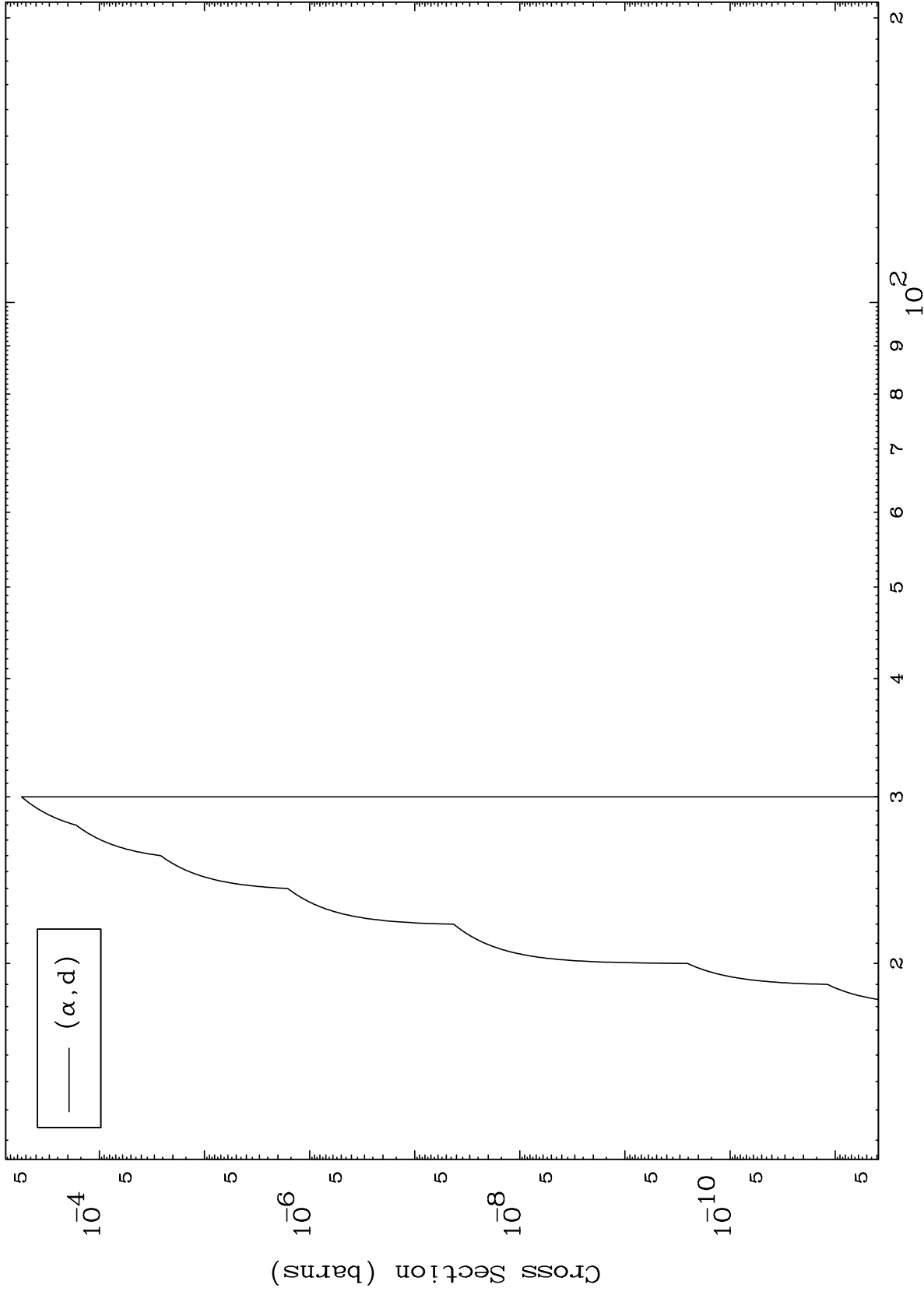
Incident Energy (MeV)

81-Tl-188

MAT 8080

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

81-Tl-188



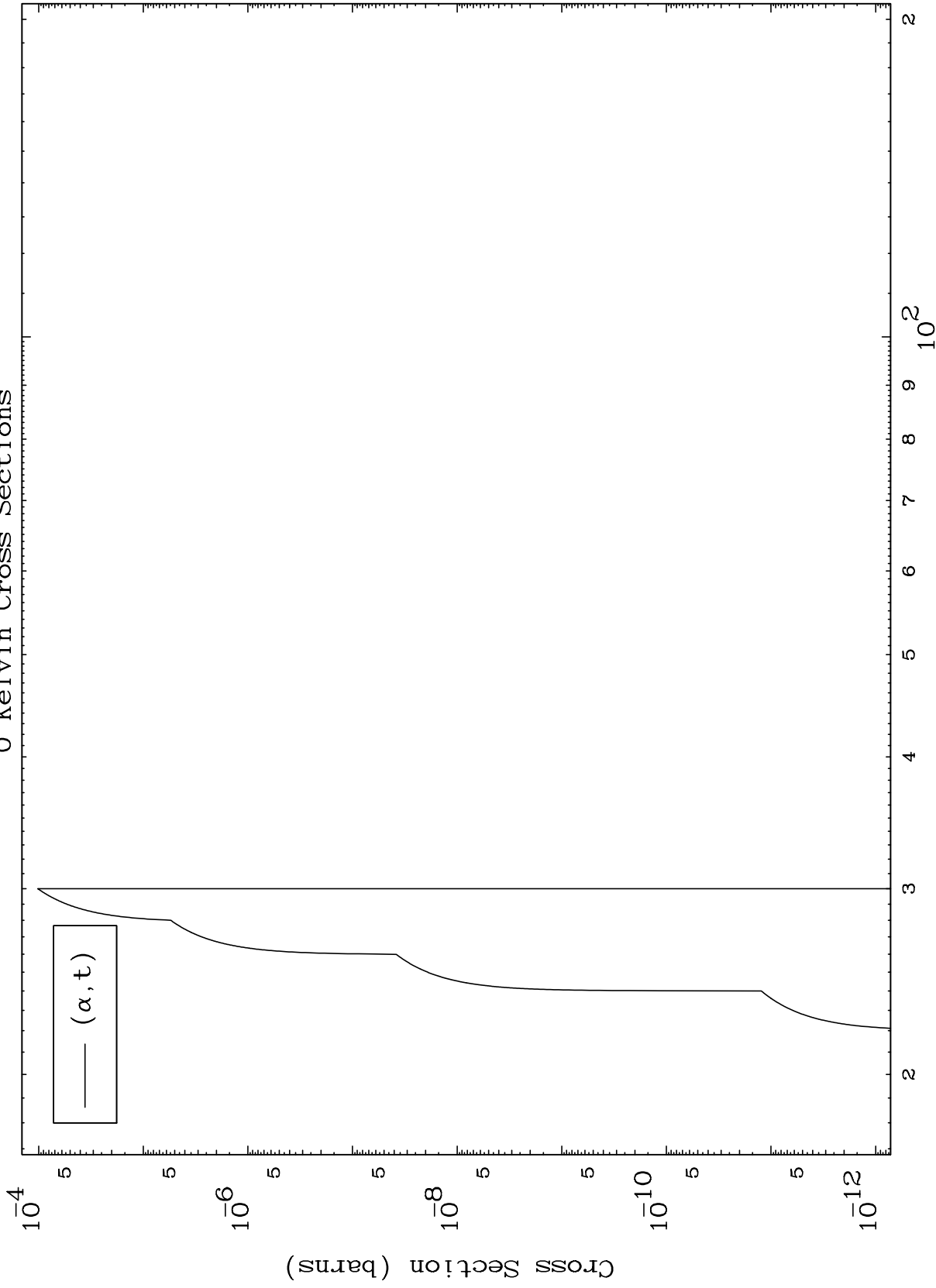
7

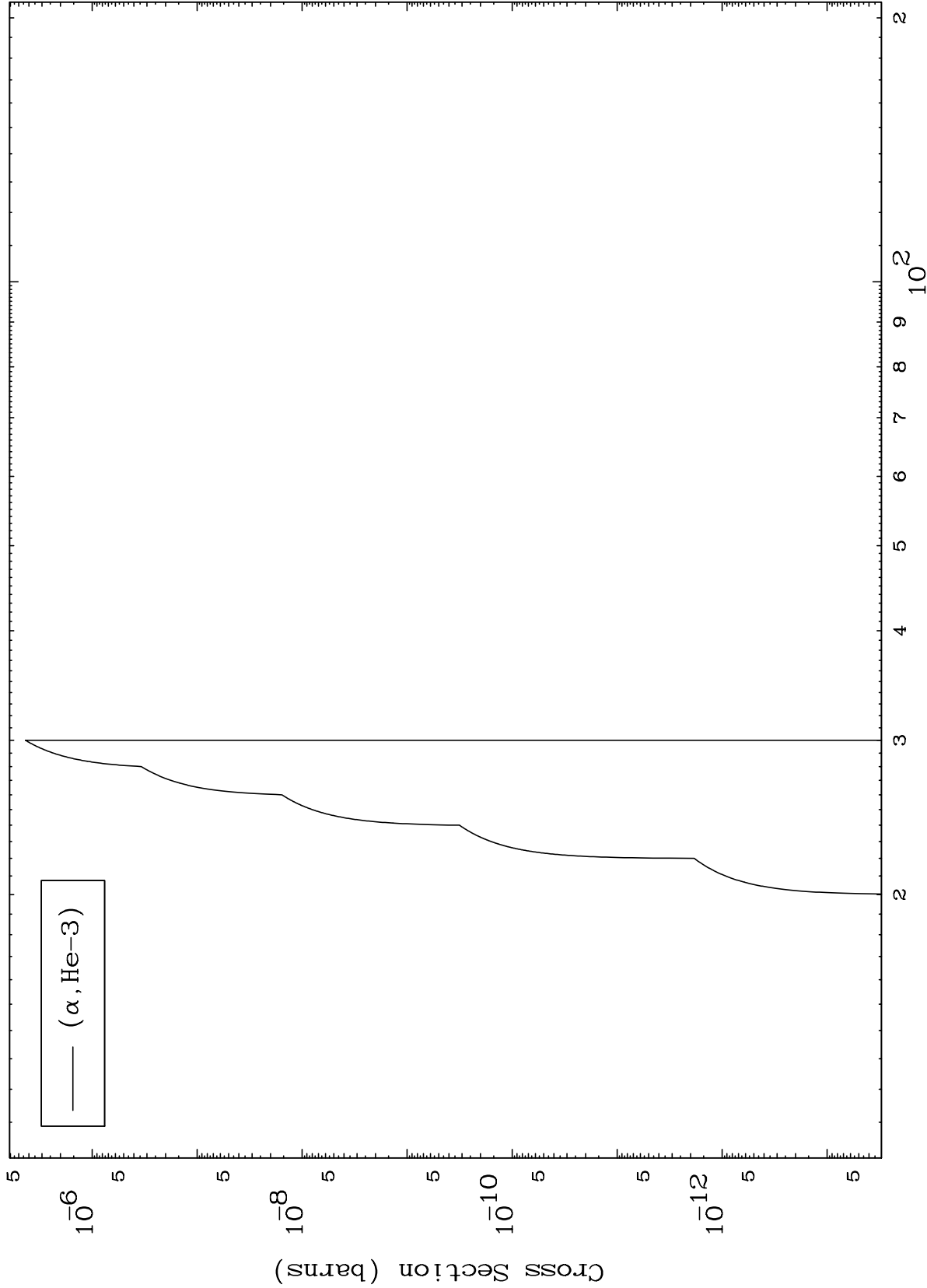
Incident Energy (MeV)

81-Tl-188



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

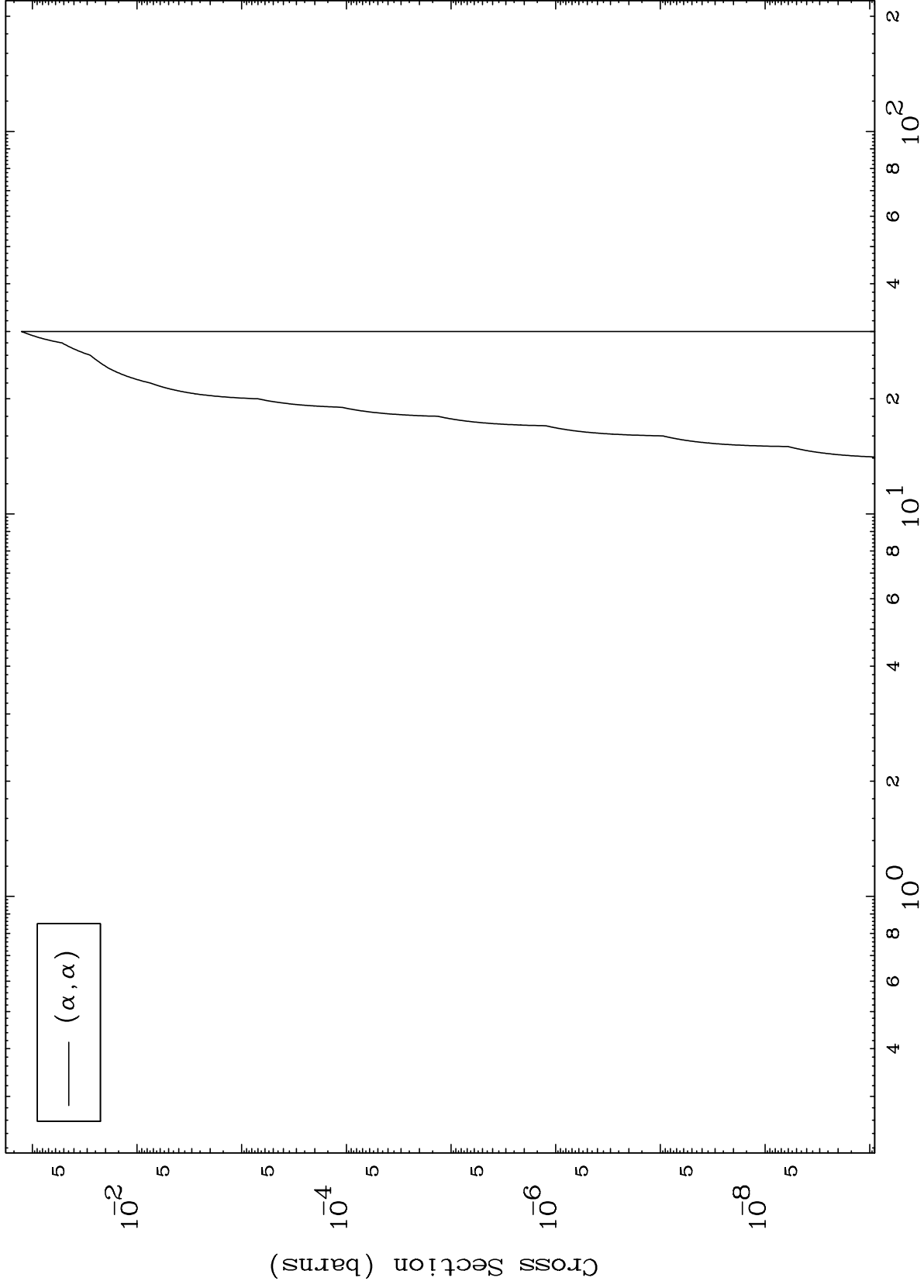




MAT 8080

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

81-Tl-188



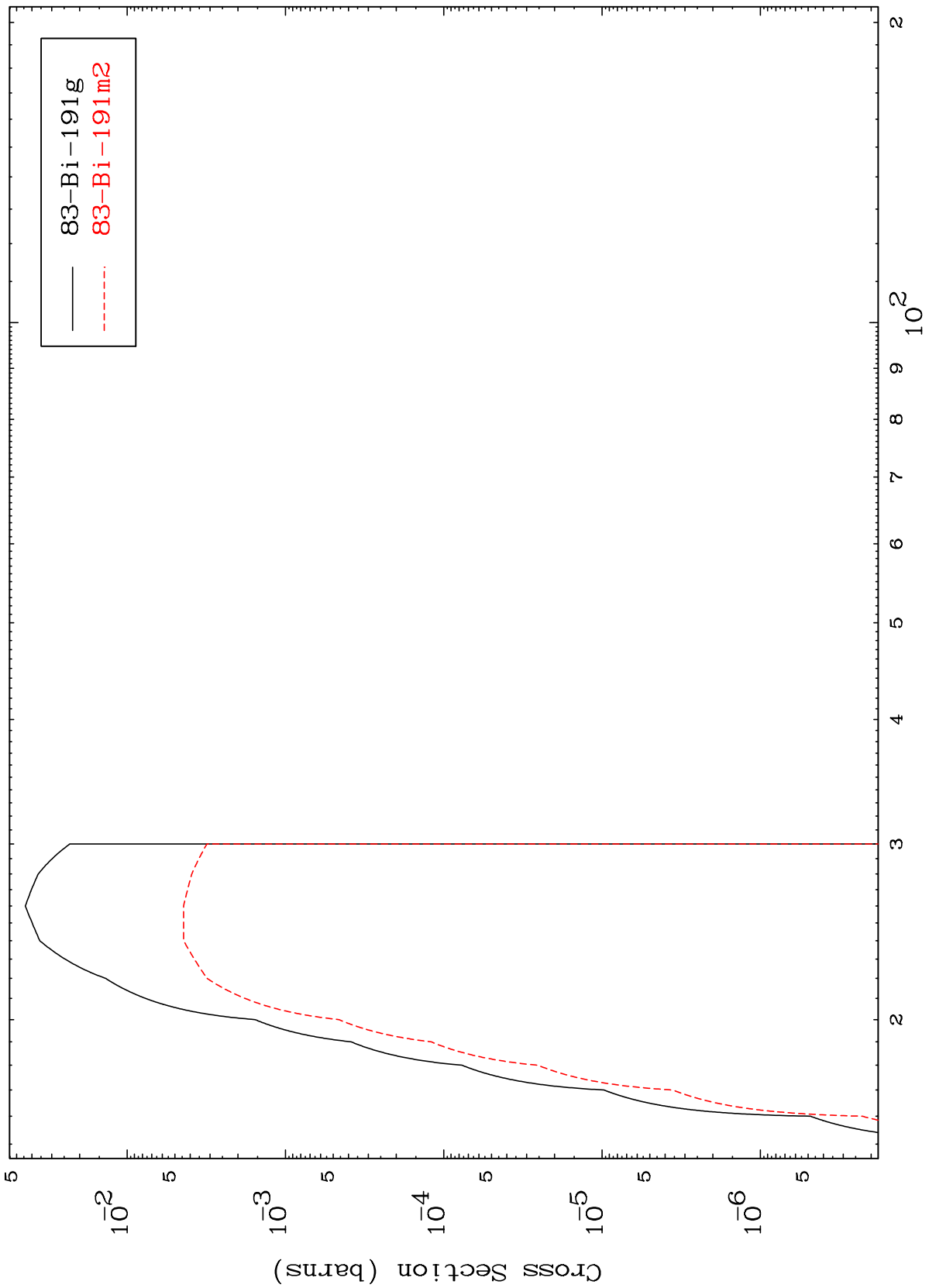
10

Incident Energy (MeV)

81-Tl-188

Radionuclide Production Cross Section

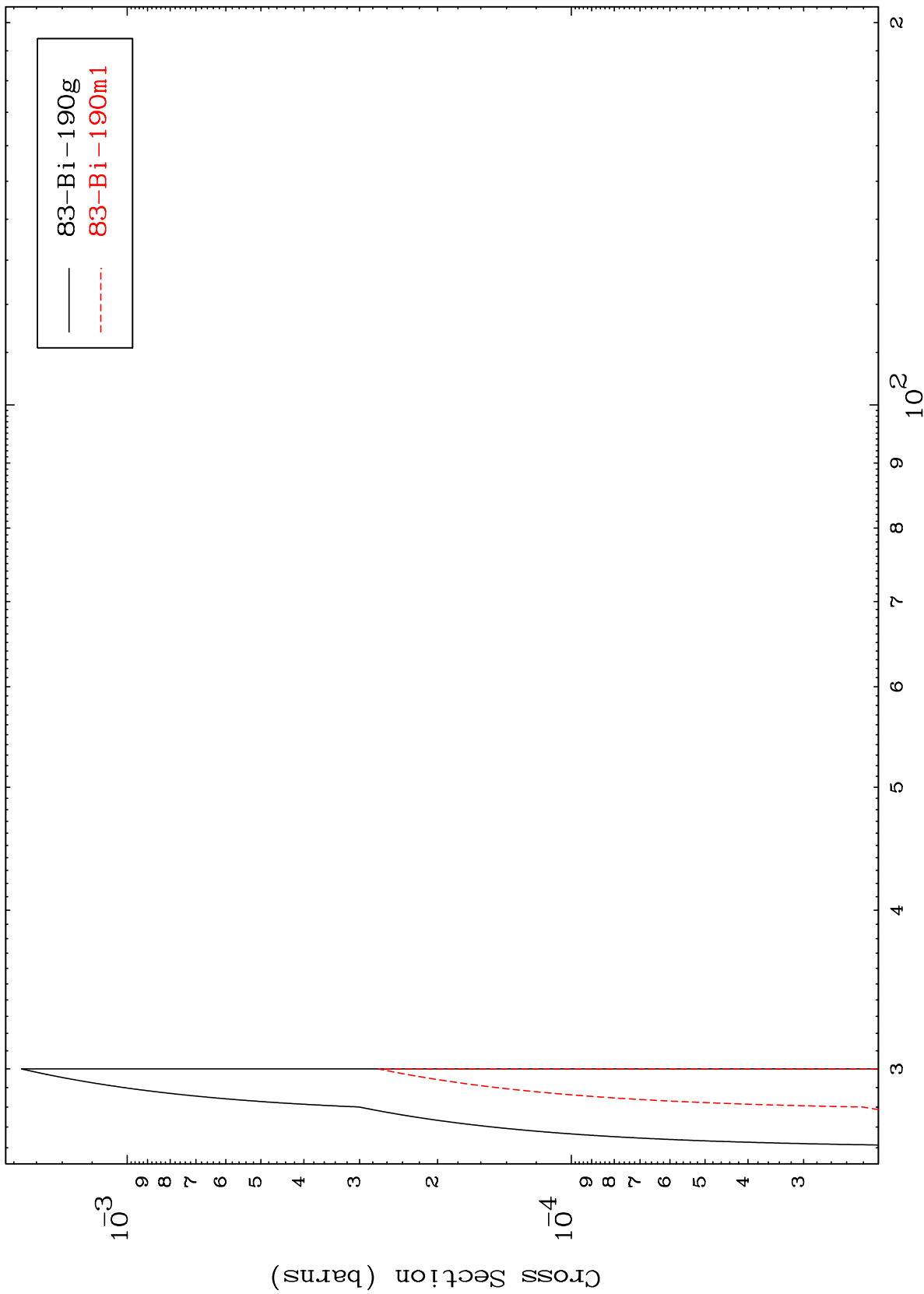
$\alpha$  Inelastic



MAT 8080

81-Tl-188

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



12

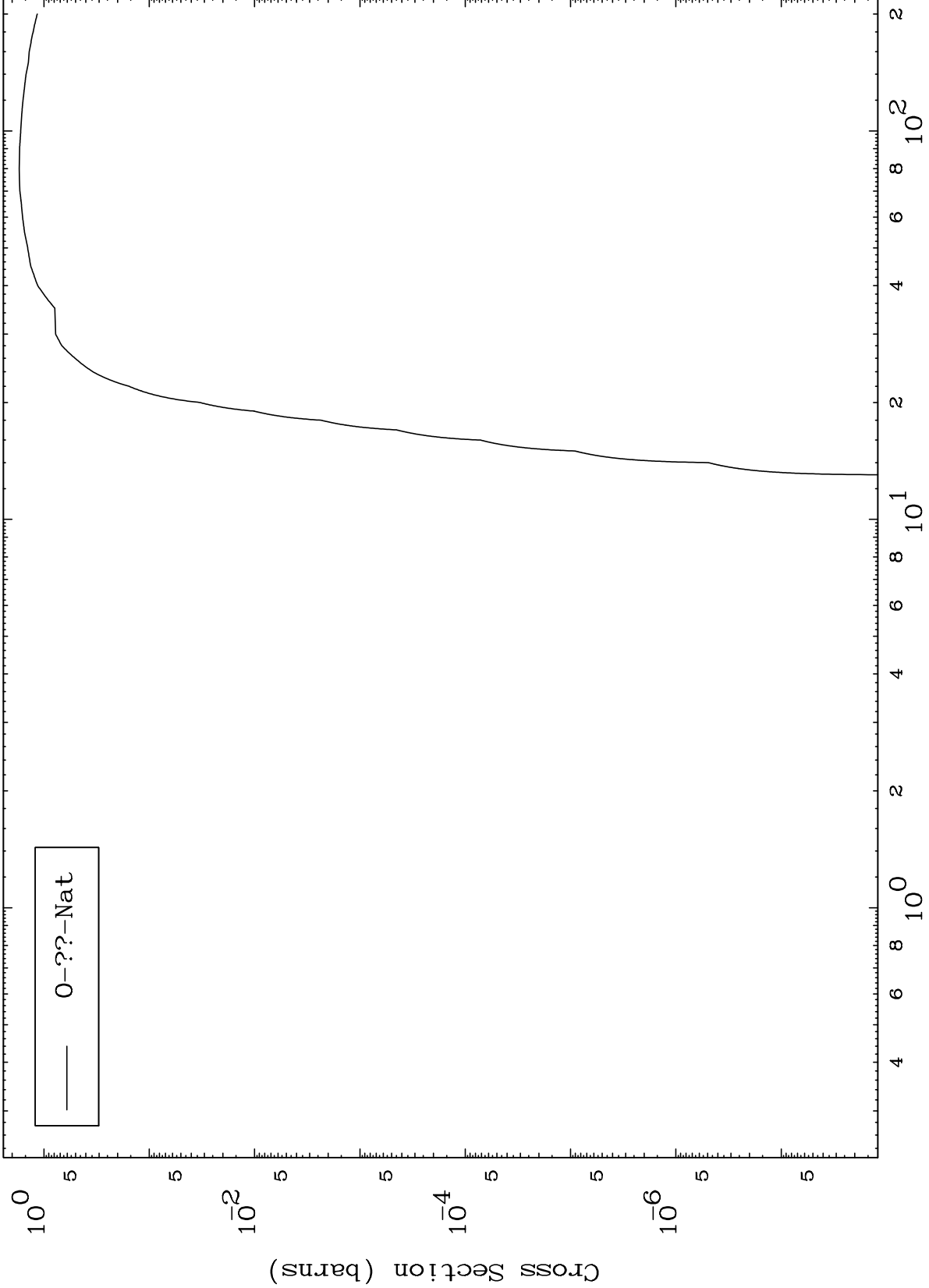
81-Tl-188

Incident Energy (MeV)

MAT 8080

81-Tl-188

$\alpha$  Fission  
Radionuclide Production Cross Section

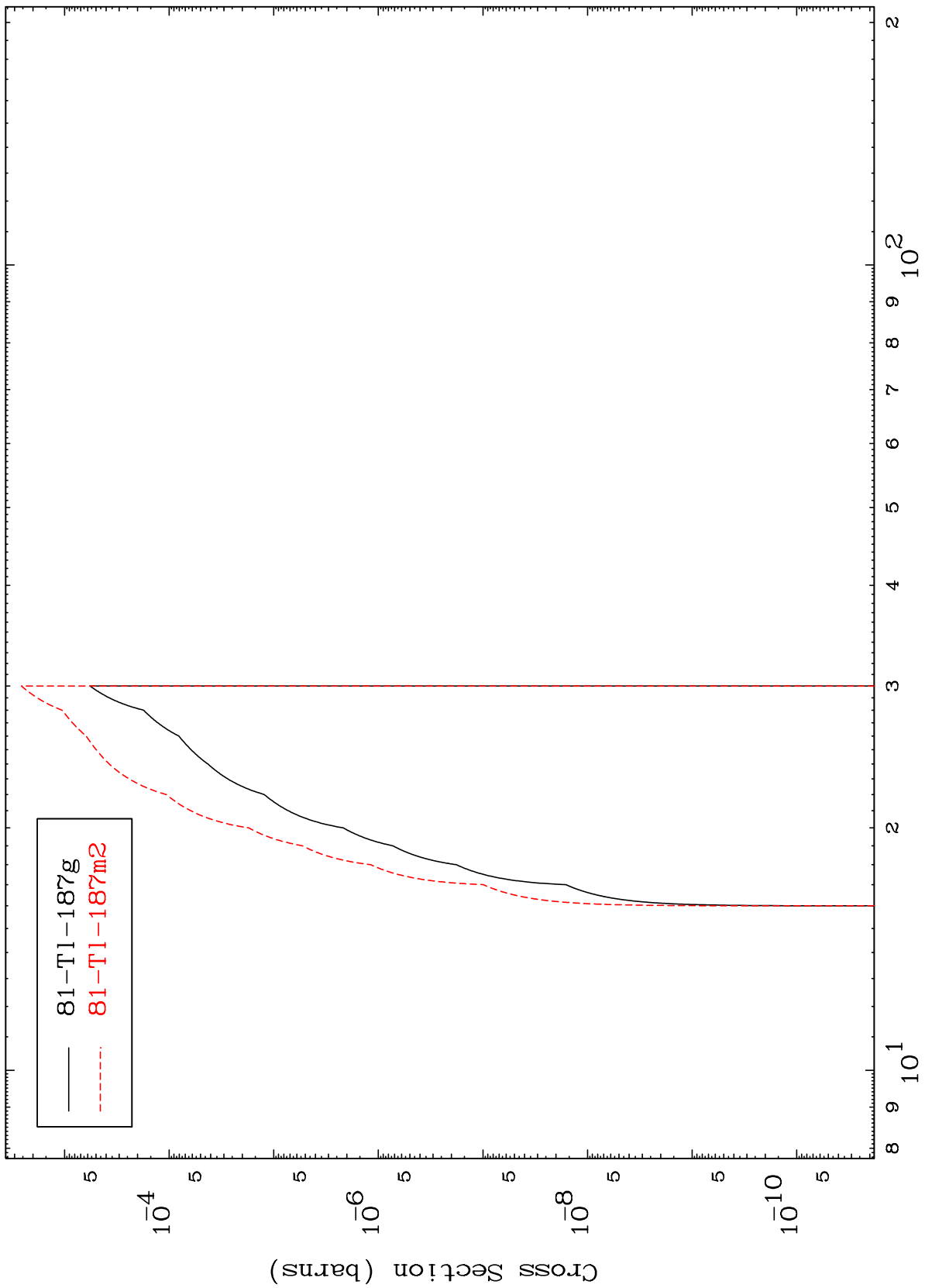


MAT 8080

81-Tl-188

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

Radionuclide Production Cross Section



14

Incident Energy (MeV)

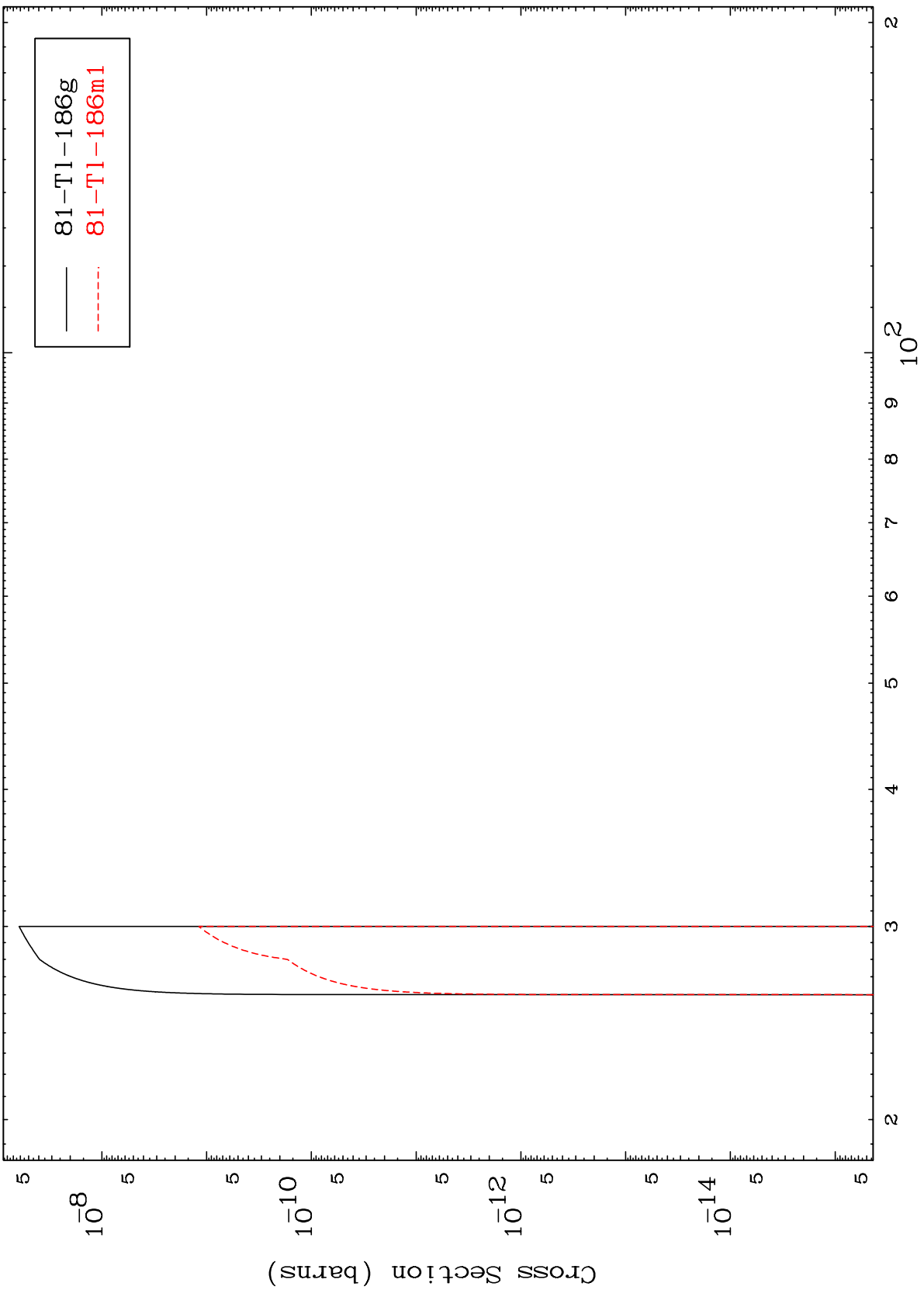
81-Tl-188

MAT 8080

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

81-Tl-188

Radionuclide Production Cross Section



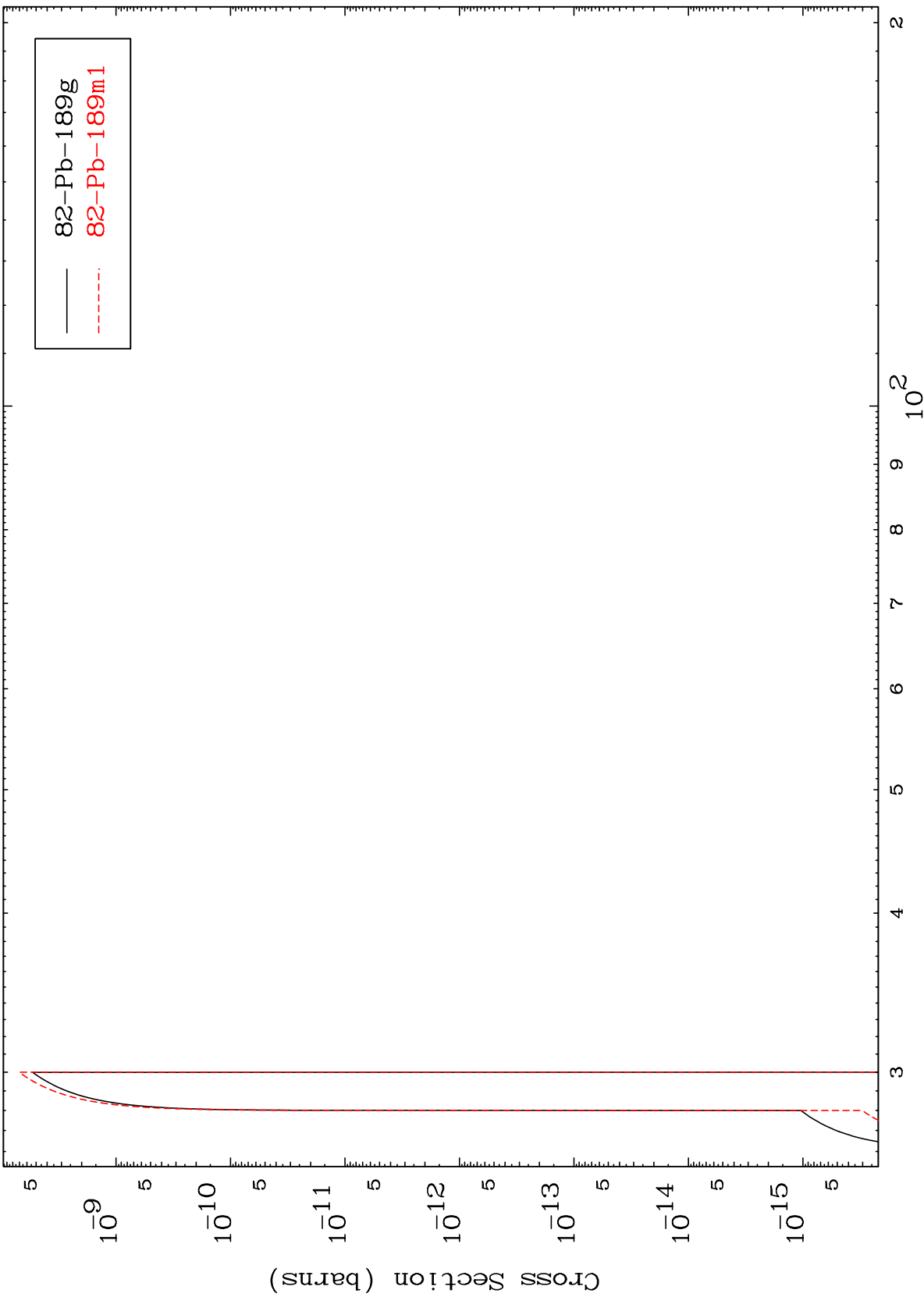
15

Incident Energy (MeV)

81-Tl-188



Radionuclide Production Cross Section

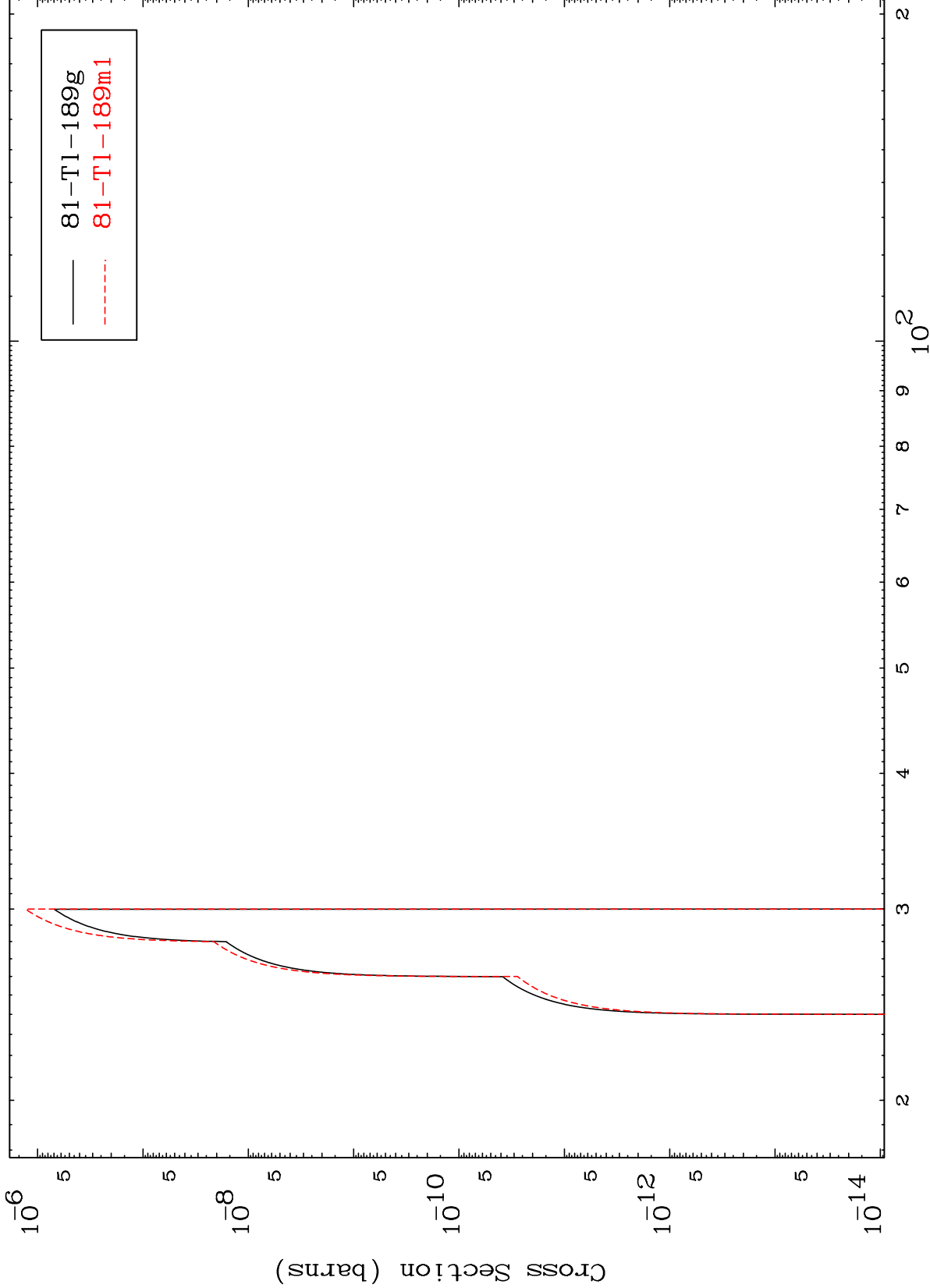


MAT 8080

$(\alpha, 2n)$  p

81-Tl-188

Radionuclide Production Cross Section



81-Tl-189g  
81-Tl-189m1

17

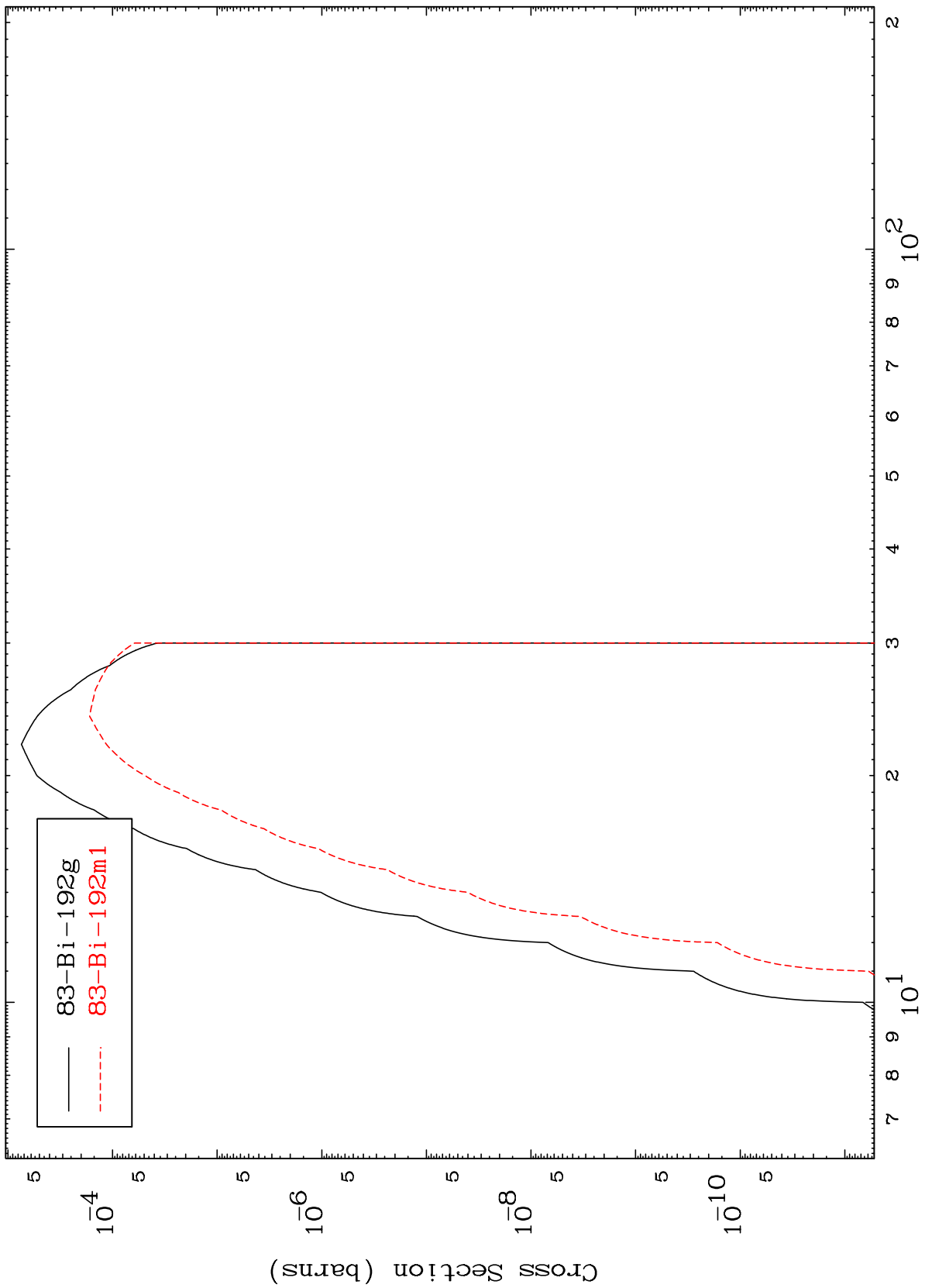
Incident Energy (MeV)

81-Tl-188

MAT 8080

81-Tl-188

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



18

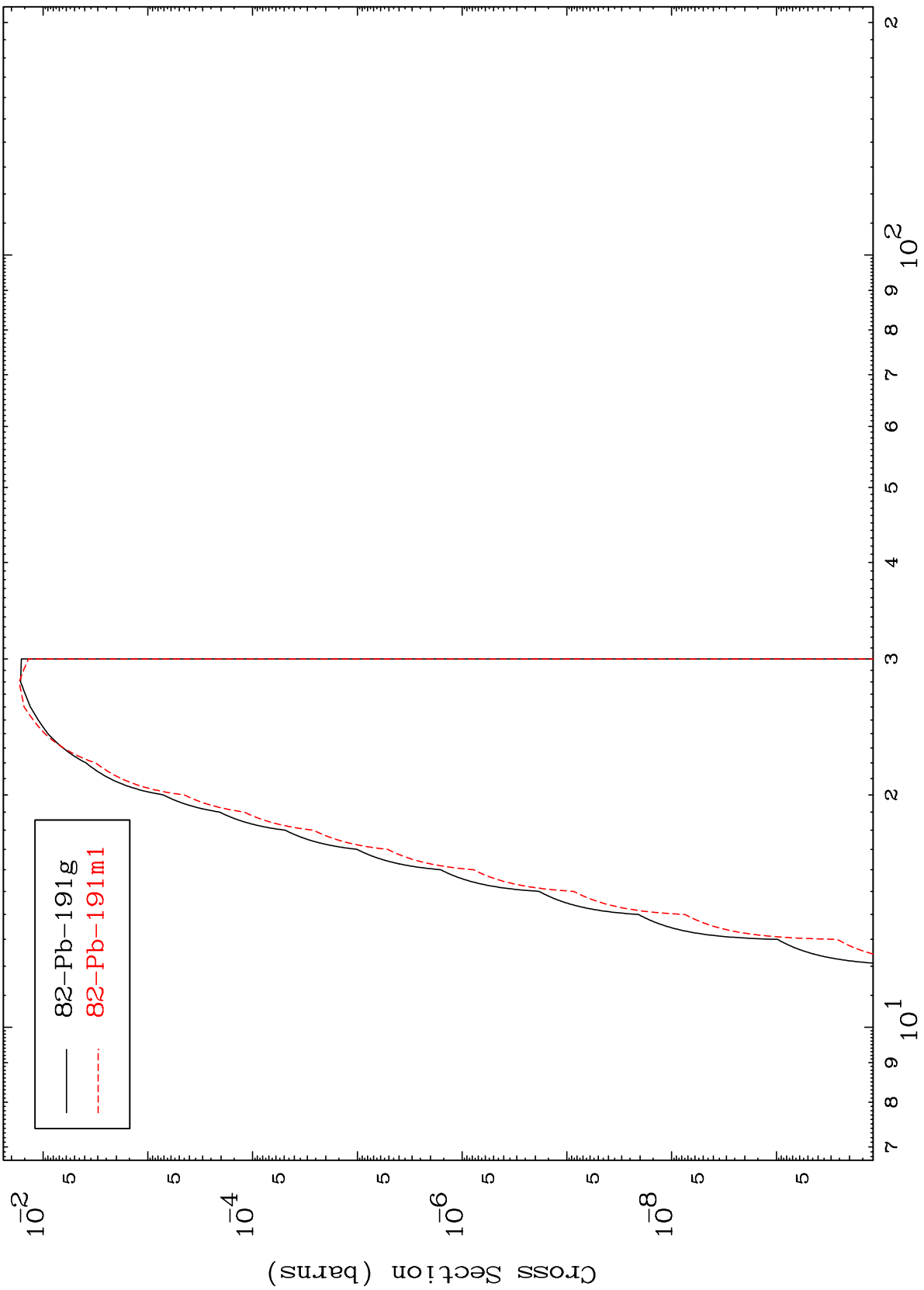
Incident Energy (MeV)

81-Tl-188

MAT 8080

81-Tl-188

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

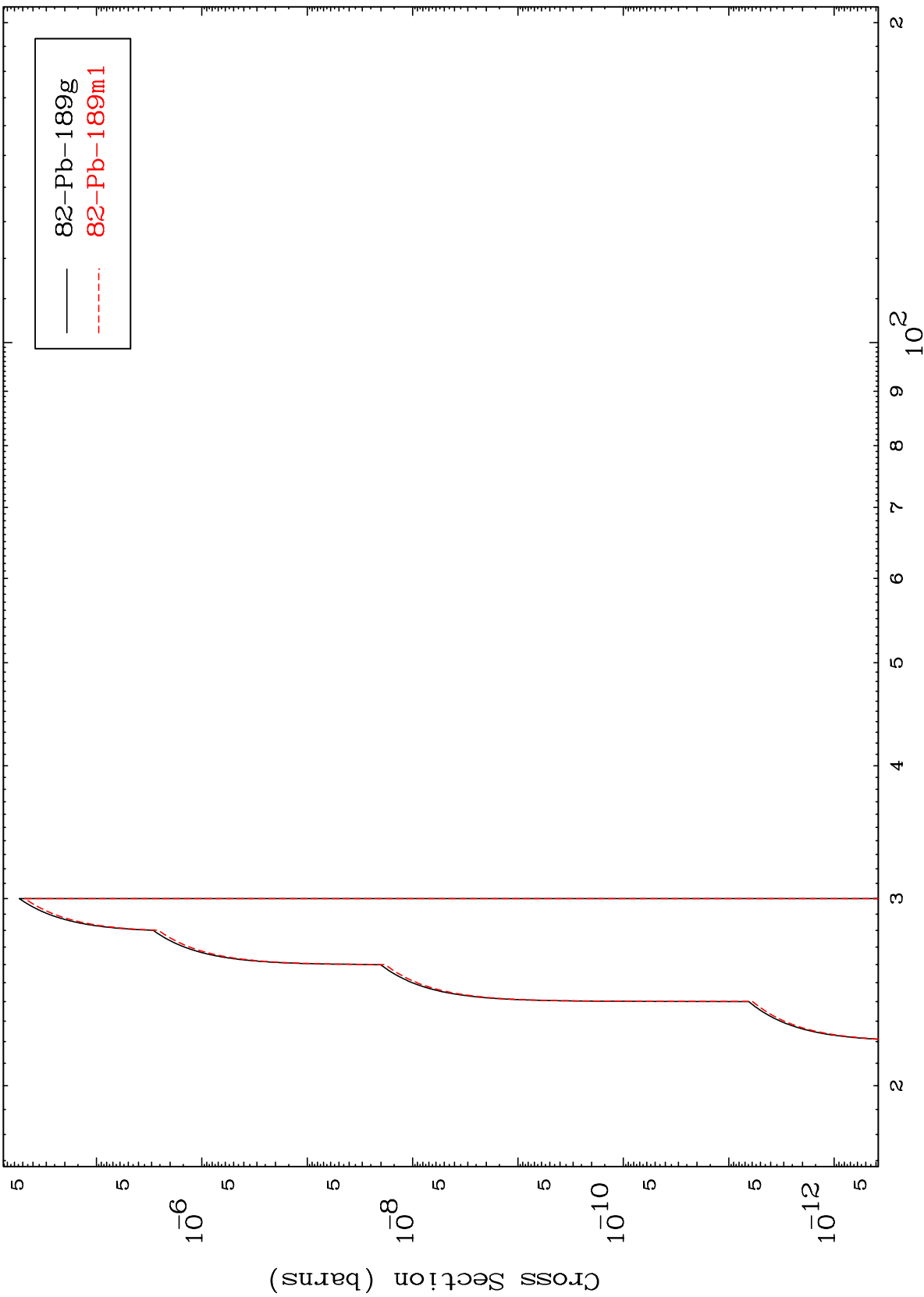


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Incident Energy (MeV)

81-Tl-188

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

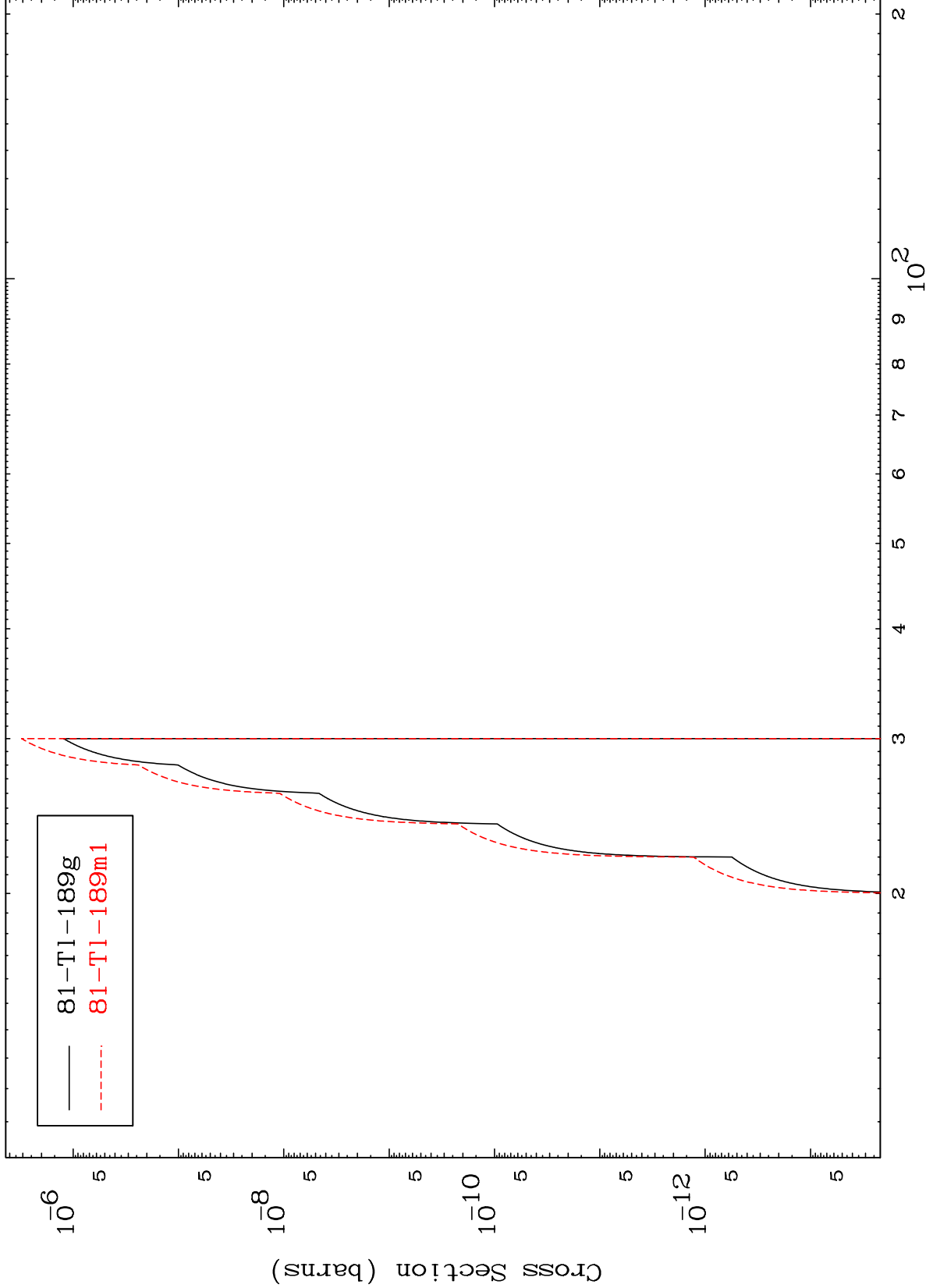


MAT 8080

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

81-Tl-188

Radionuclide Production Cross Section

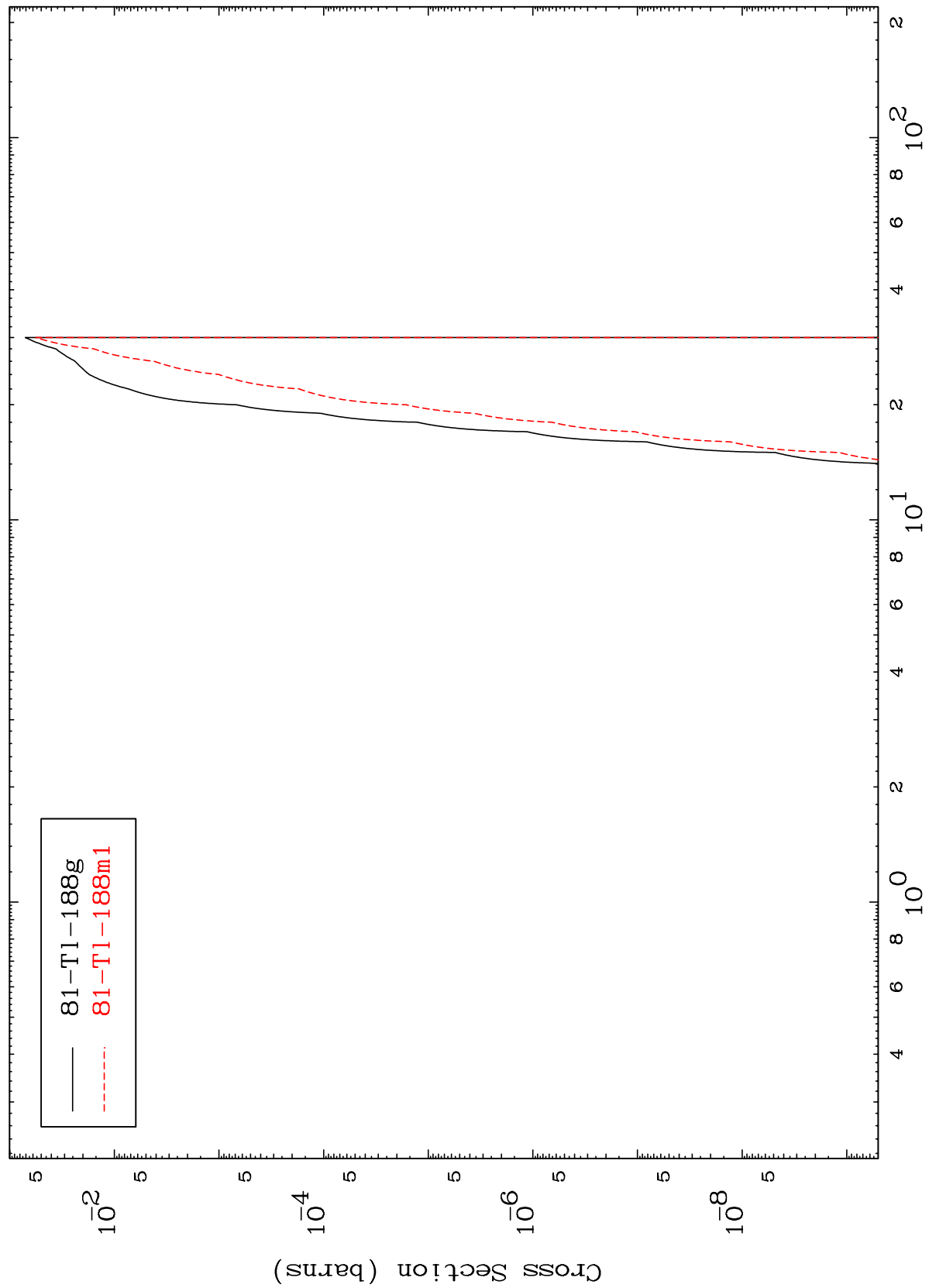


MAT 8080

( $\alpha, \alpha$ )

81-Tl-188

Radionuclide Production Cross Section



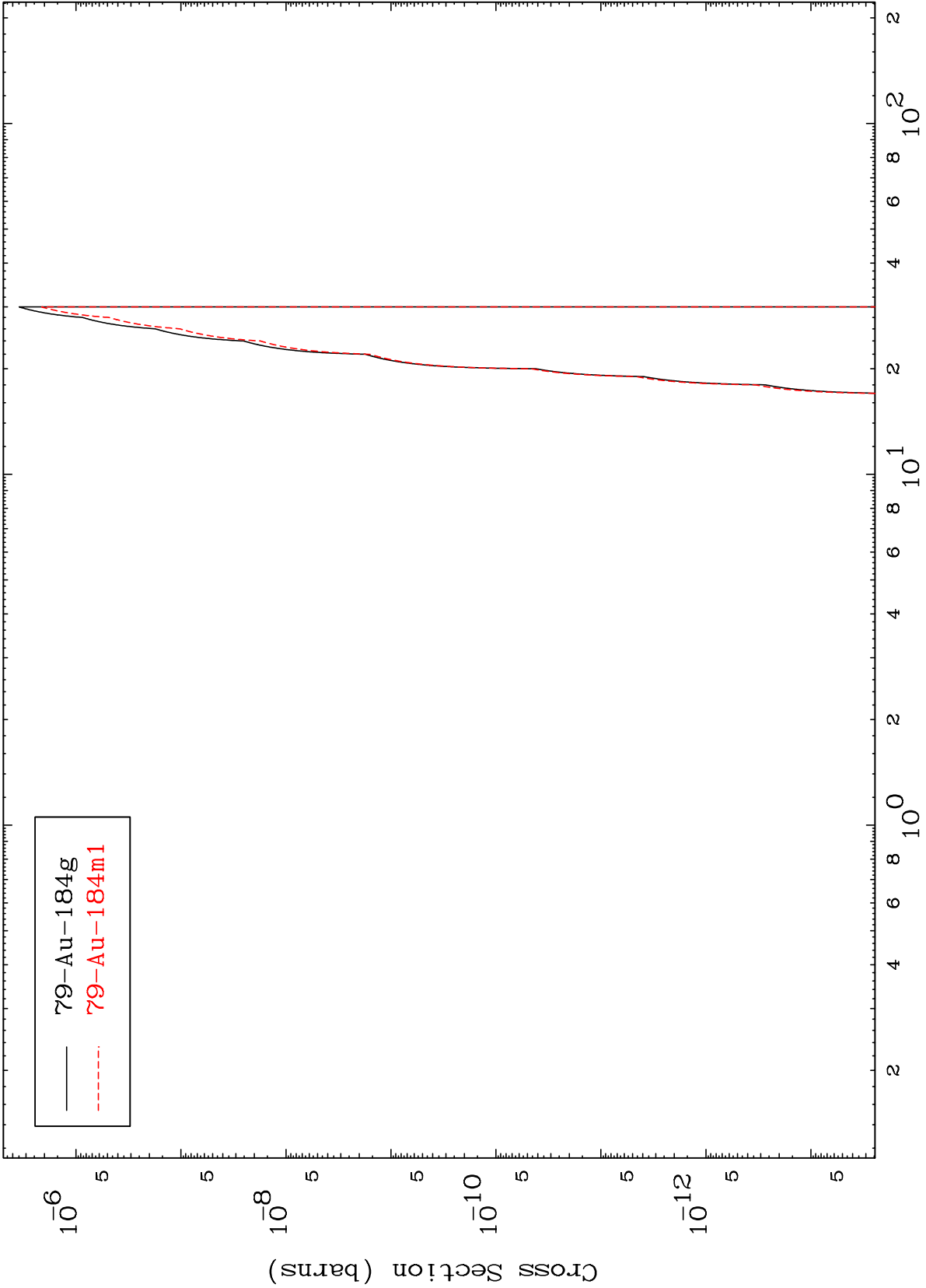
81-Tl-188g  
81-Tl-188m1

MAT 8080

( $\alpha, 2\alpha$ )

81-Tl-188

Radionuclide Production Cross Section



—  $^{79}\text{Au-184g}$   
- - -  $^{79}\text{Au-184m1}$

Incident Energy (MeV)

81-Tl-188

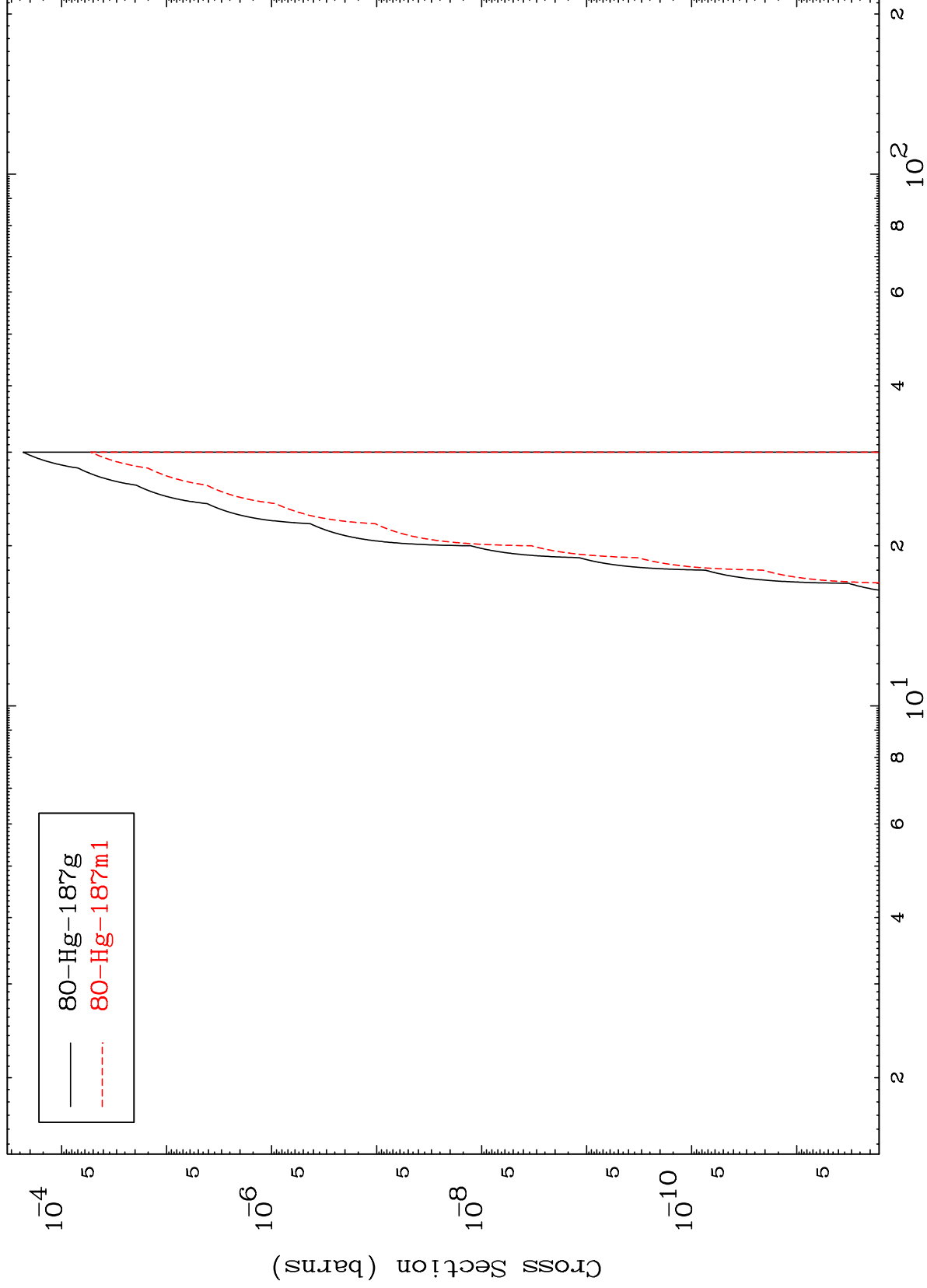


MAT 8080

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

81-Tl-188

Radionuclide Production Cross Section



24

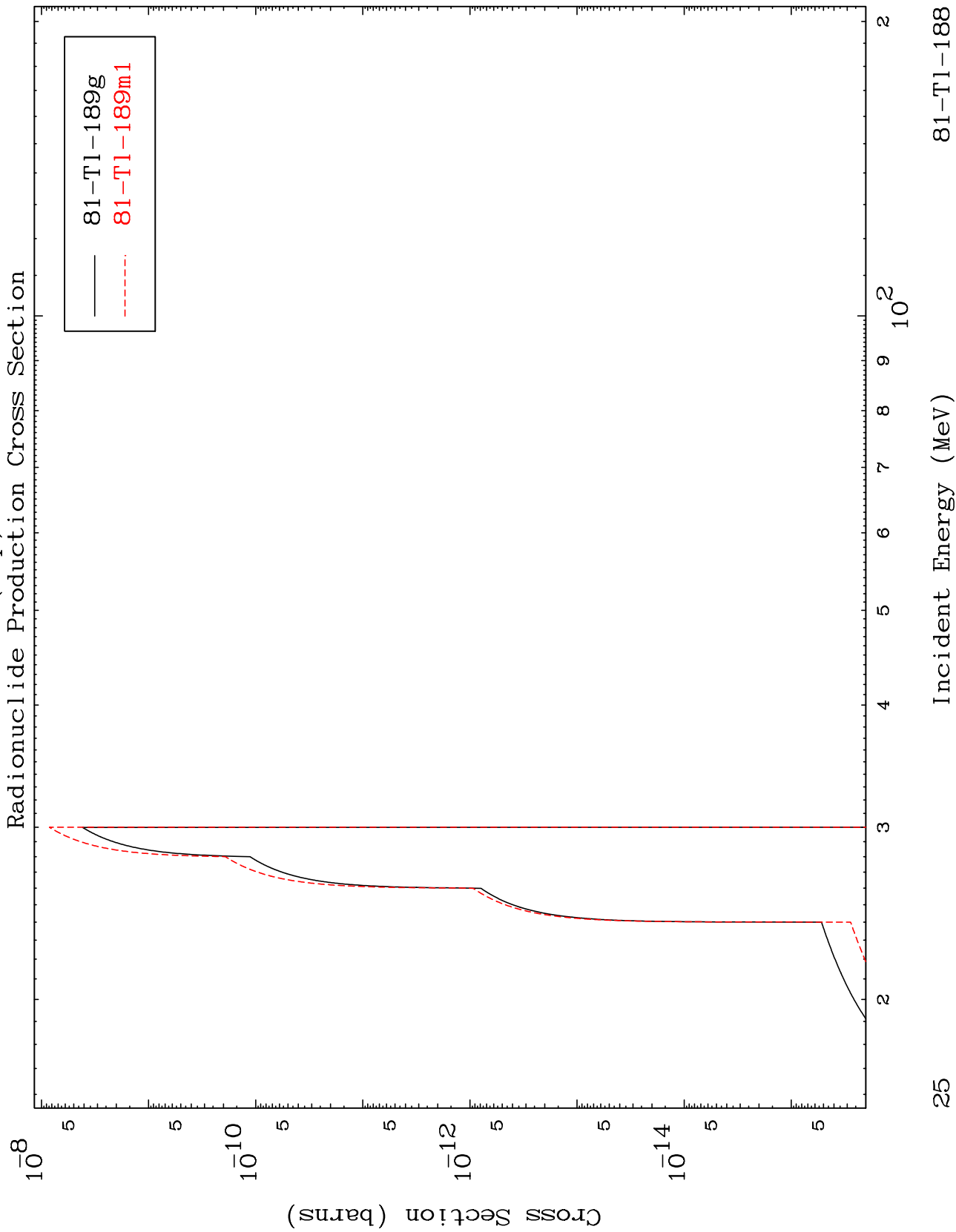
Incident Energy (MeV)

81-Tl-188

MAT 8080

( $\alpha, p$ ) d

81-Tl-188



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