

Program EVALPLOT  
(Version 2021-1)

by

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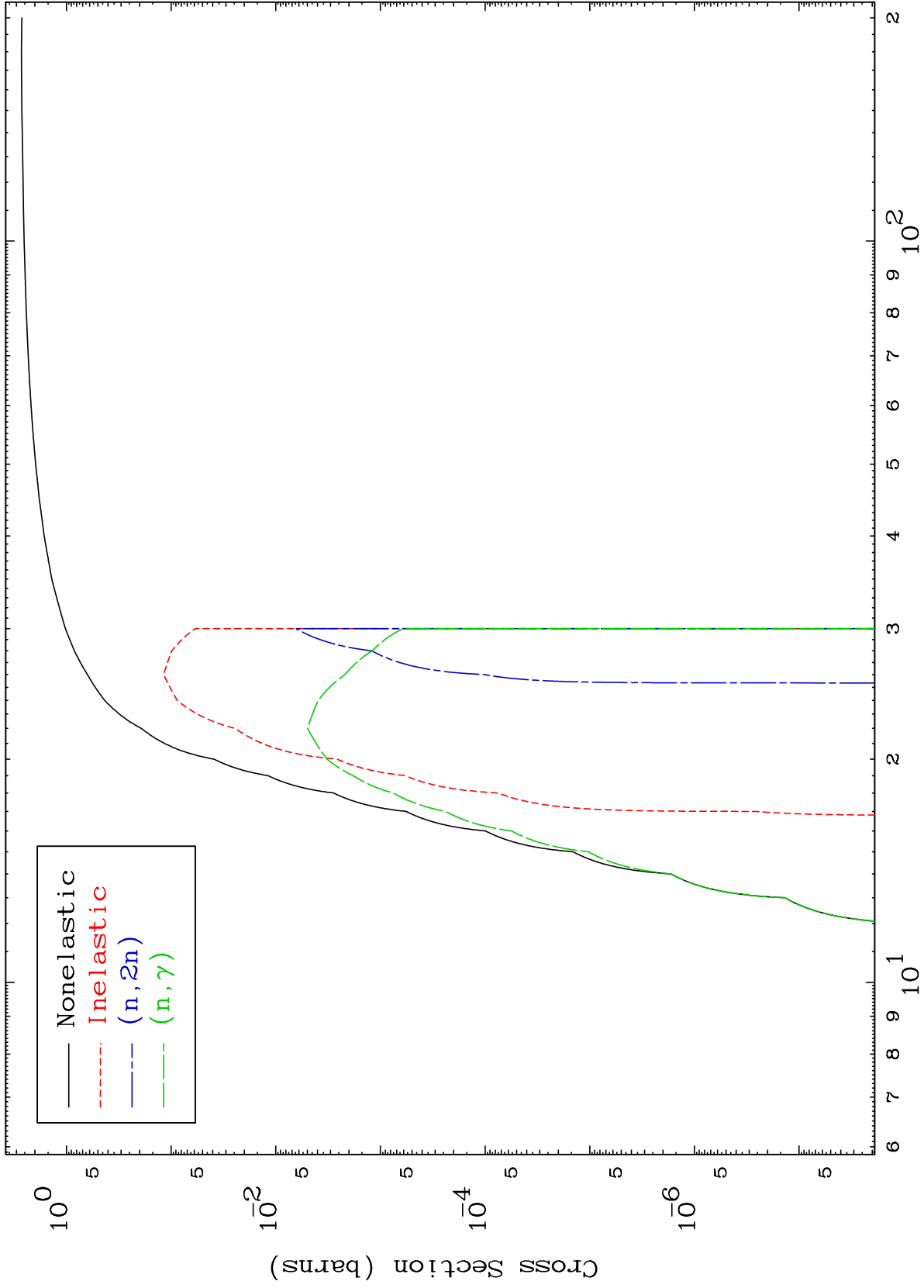
Press Mouse Button to Start

MAT 8084

0 Kelvin Cross Sections

$\alpha$  Major

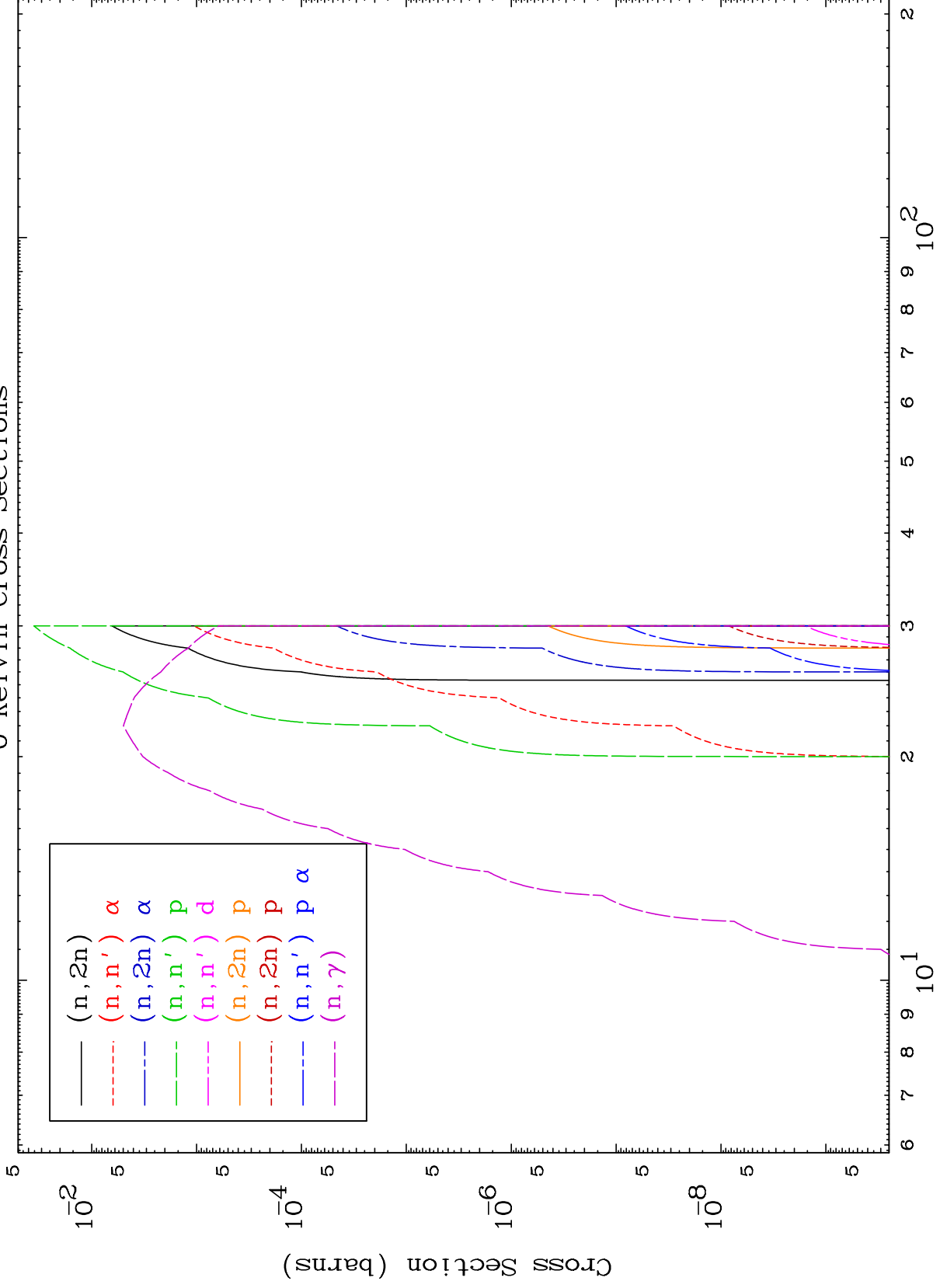
81-Tl-189m



1

Incident Energy (MeV)

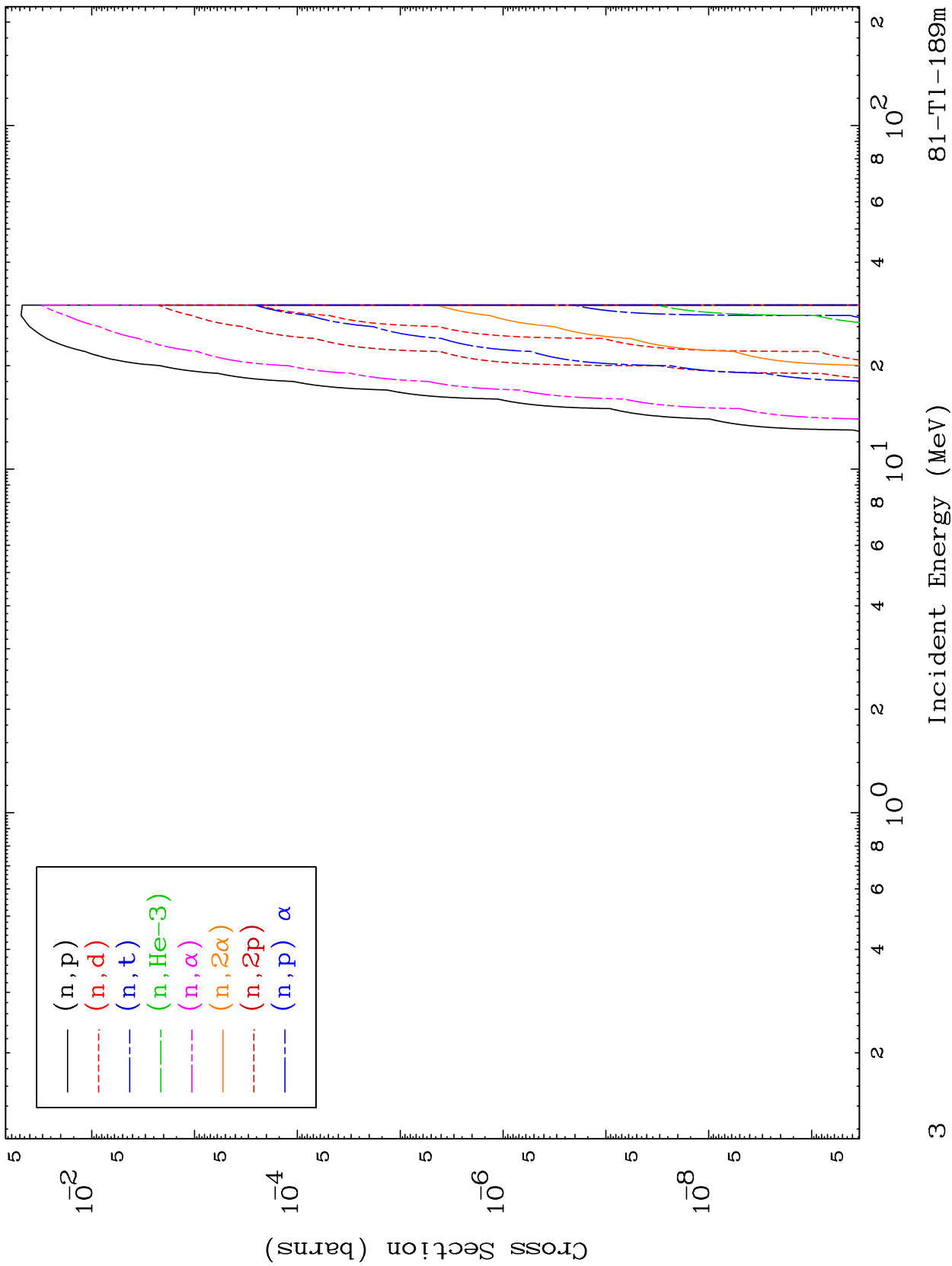
81-Tl-189m

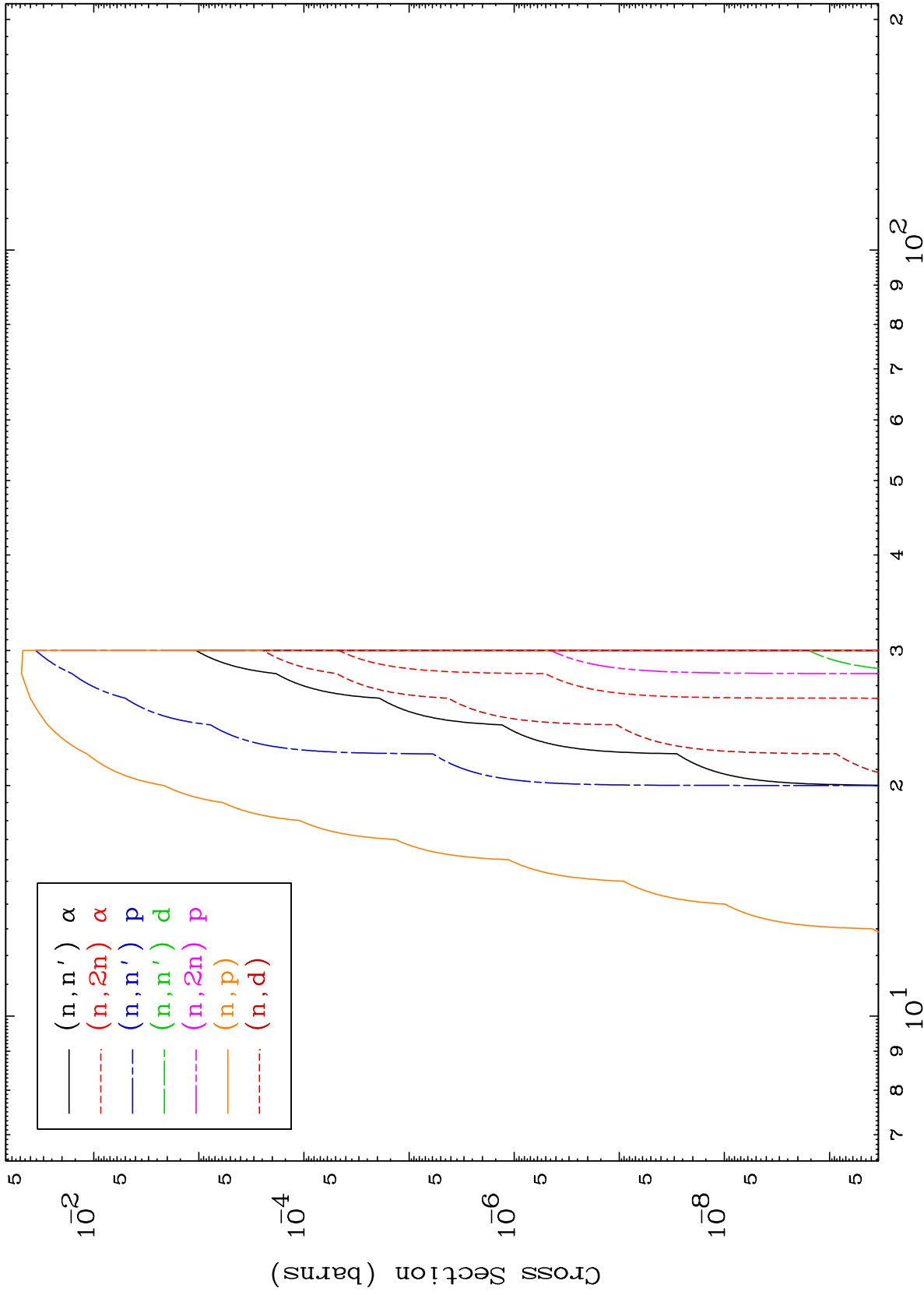


MAT 8084

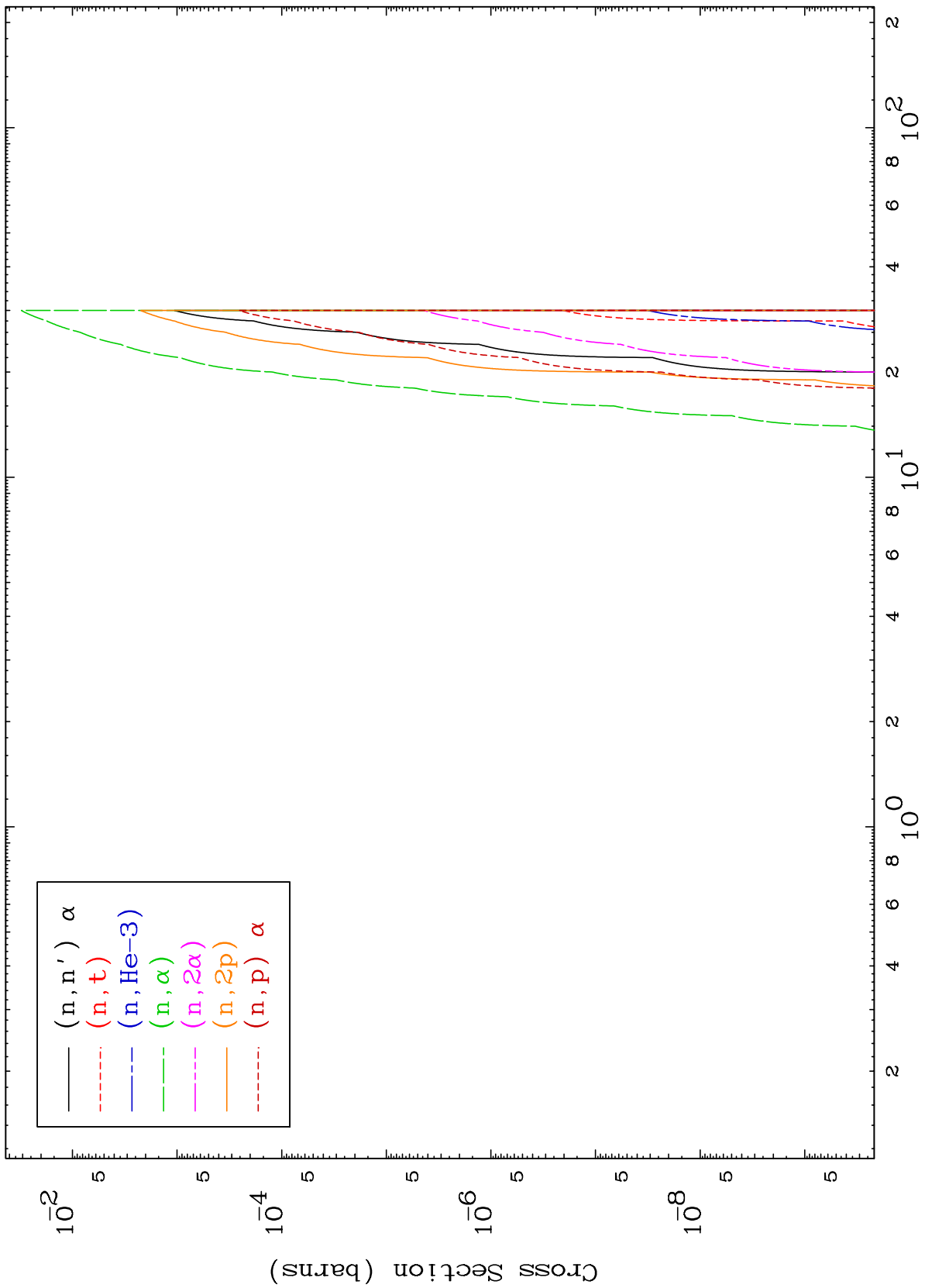
$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

81-Tl-189m





0 Kelvin Cross Sections

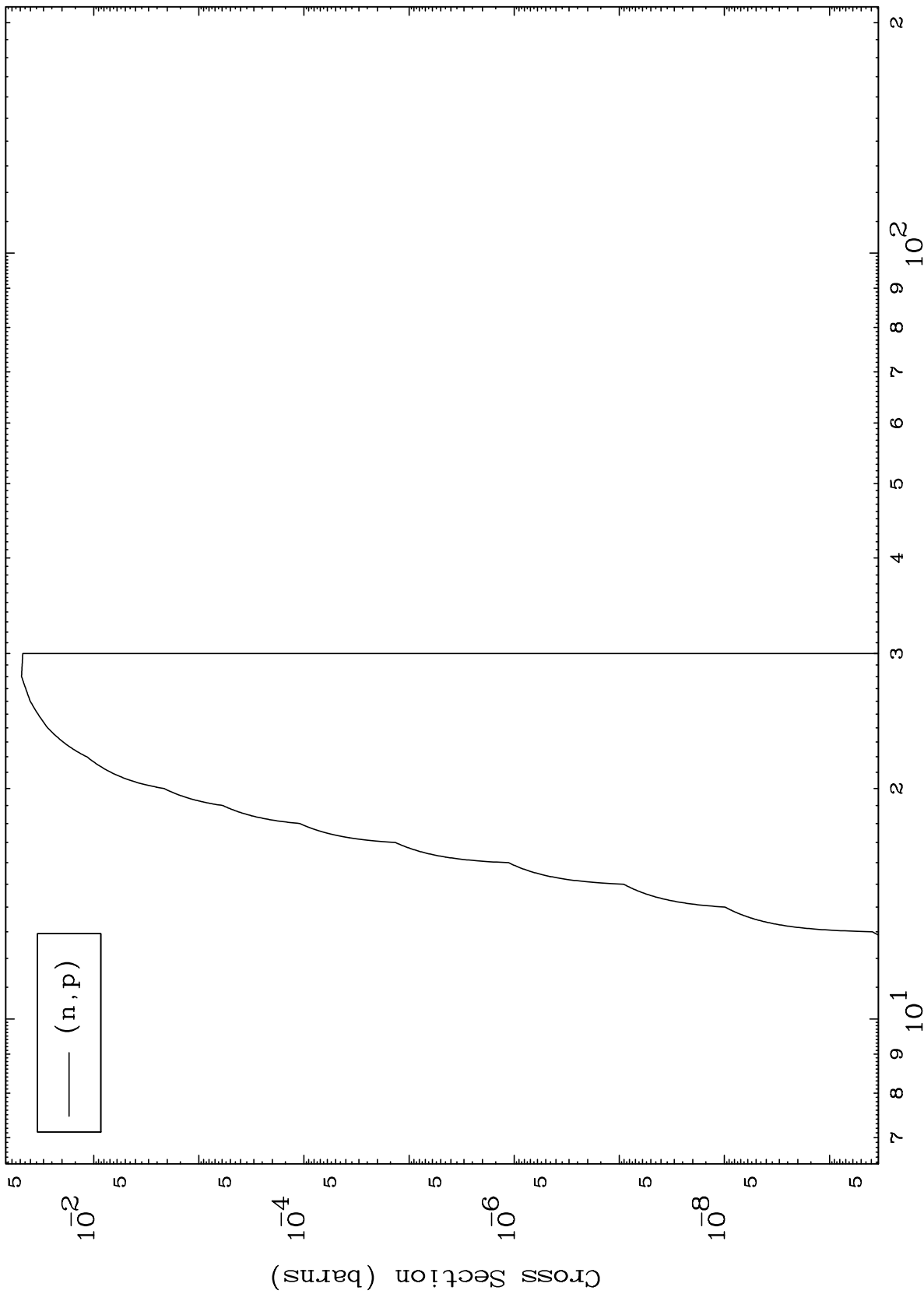


MAT 8084

( $\alpha, p$ ) Levels

81-Tl-189m

0 Kelvin Cross Sections



(n, p)

Incident Energy (MeV)

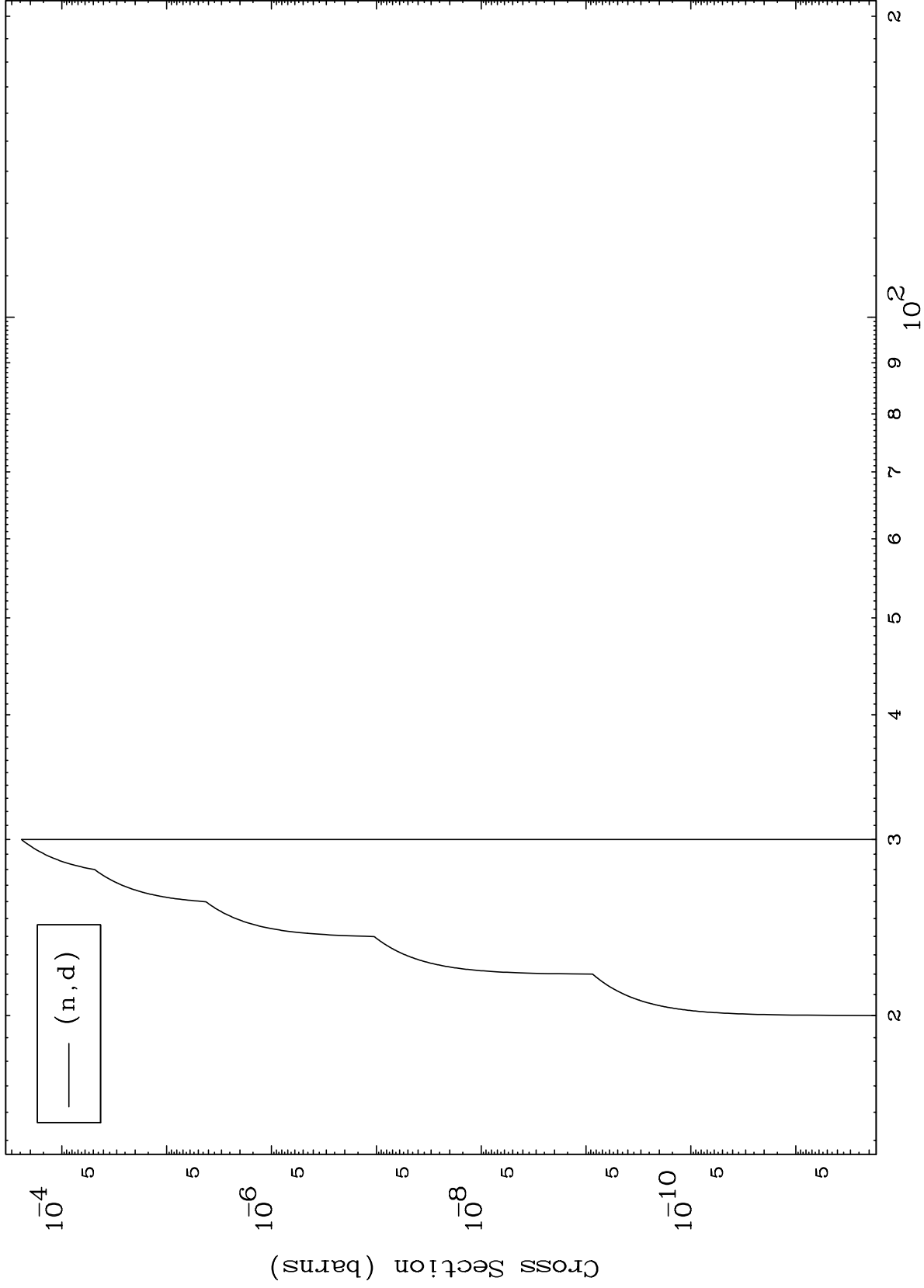
81-Tl-189m

6

MAT 8084

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

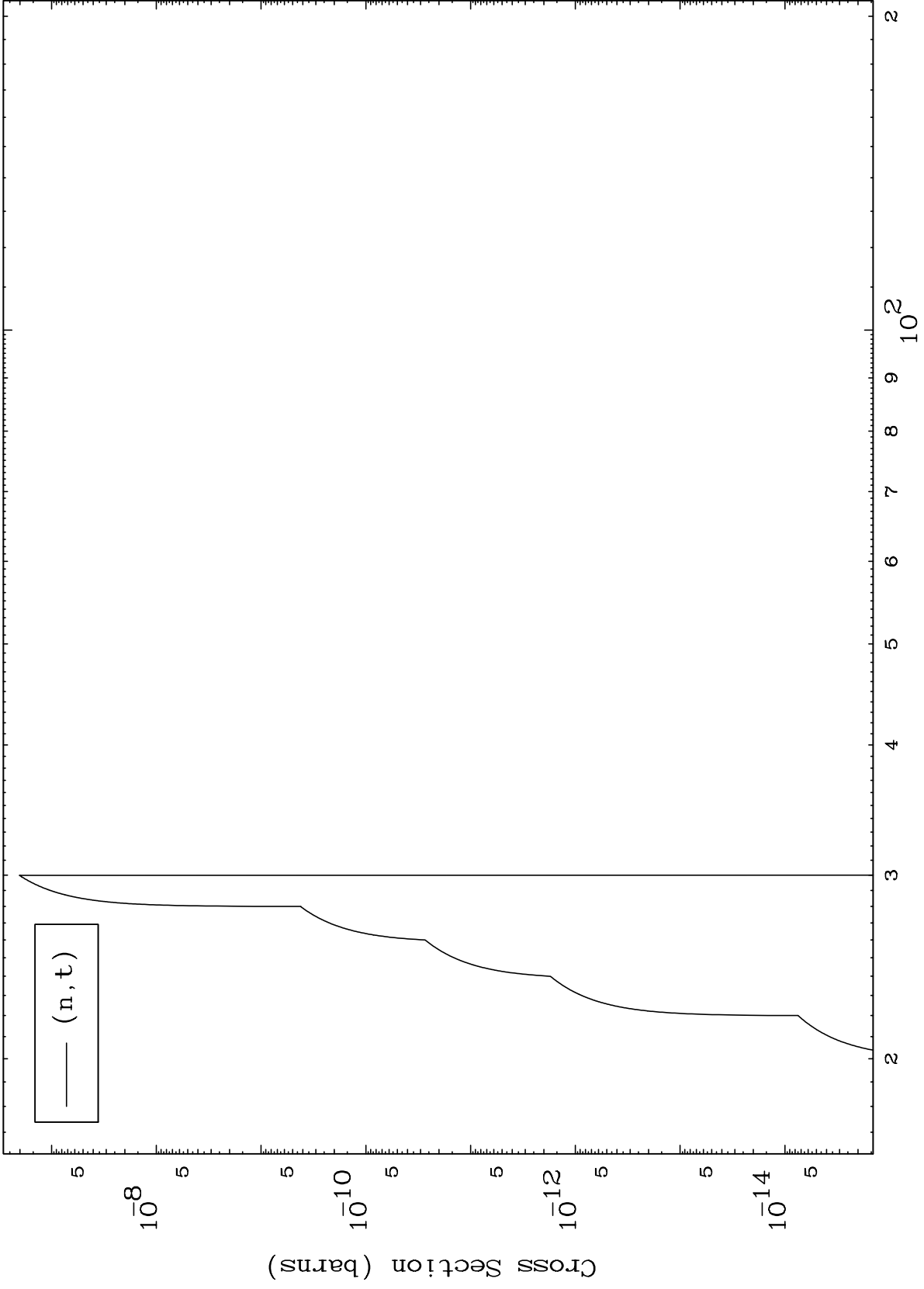
81-Tl-189m

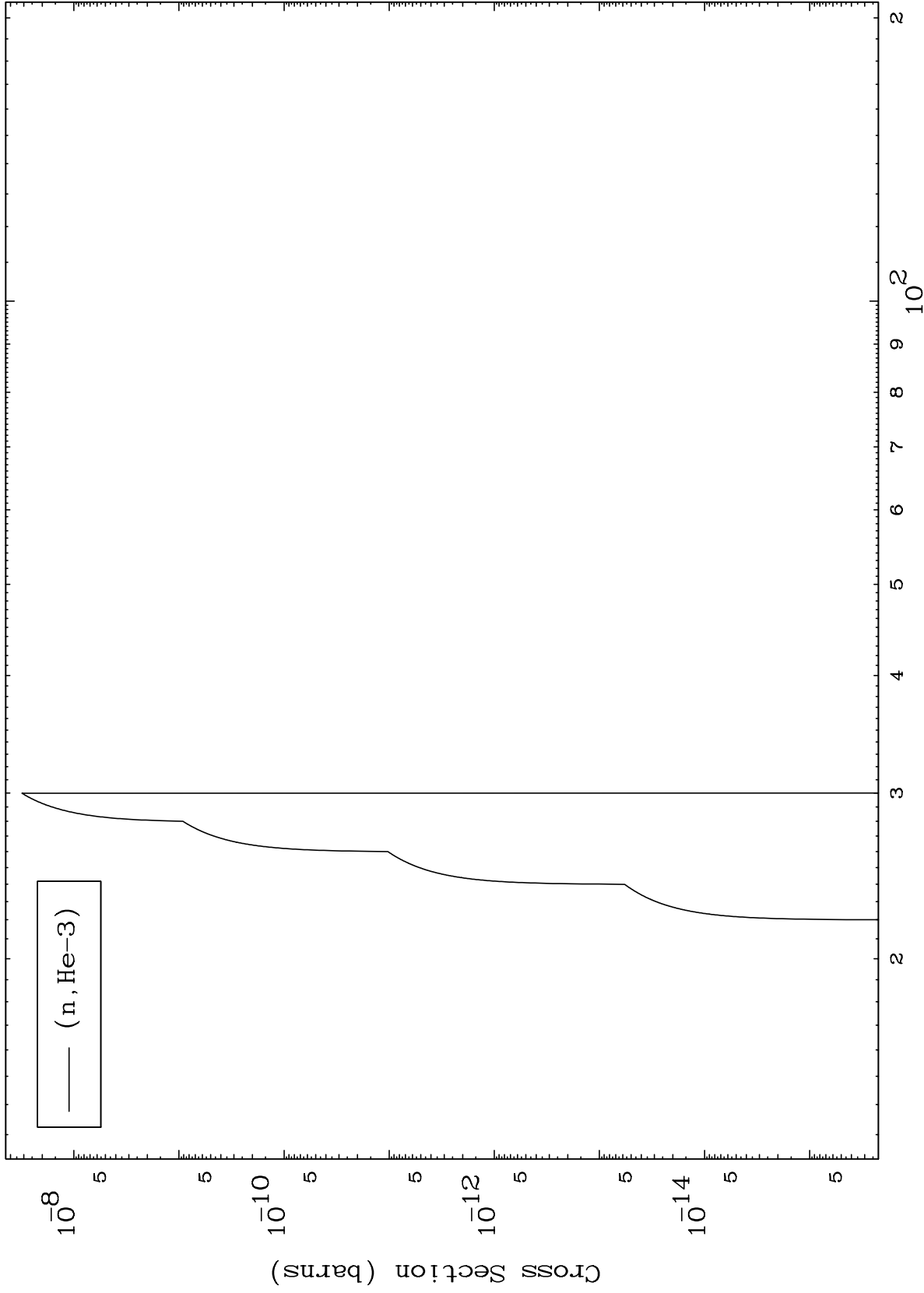


7

Incident Energy (MeV)

81-Tl-189m



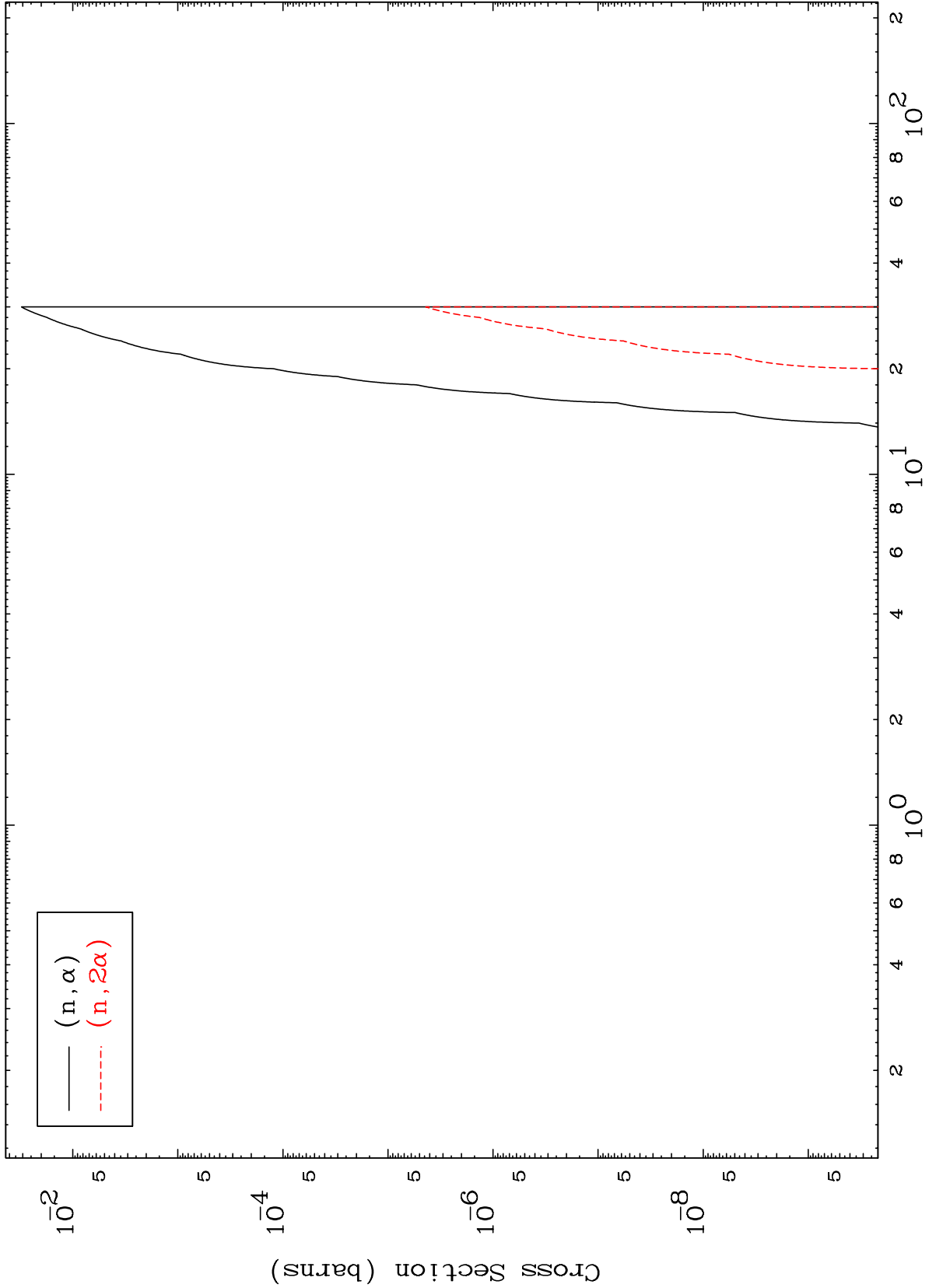


MAT 8084

( $\alpha, \alpha$ ) Levels

81-Tl-189m

0 Kelvin Cross Sections



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

10

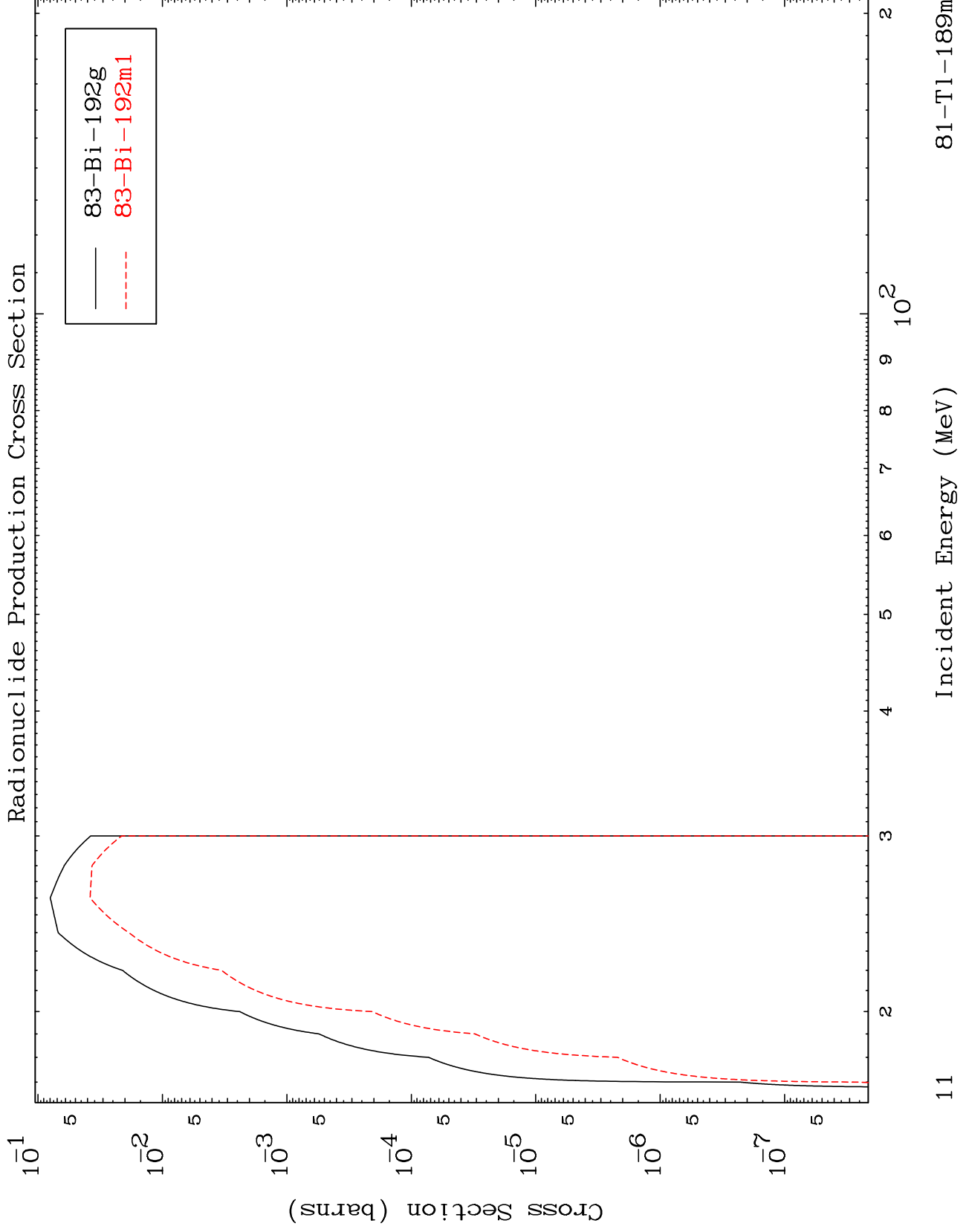
Incident Energy (MeV)

81-Tl-189m

MAT 8084

Inelastic

81-Tl-189m

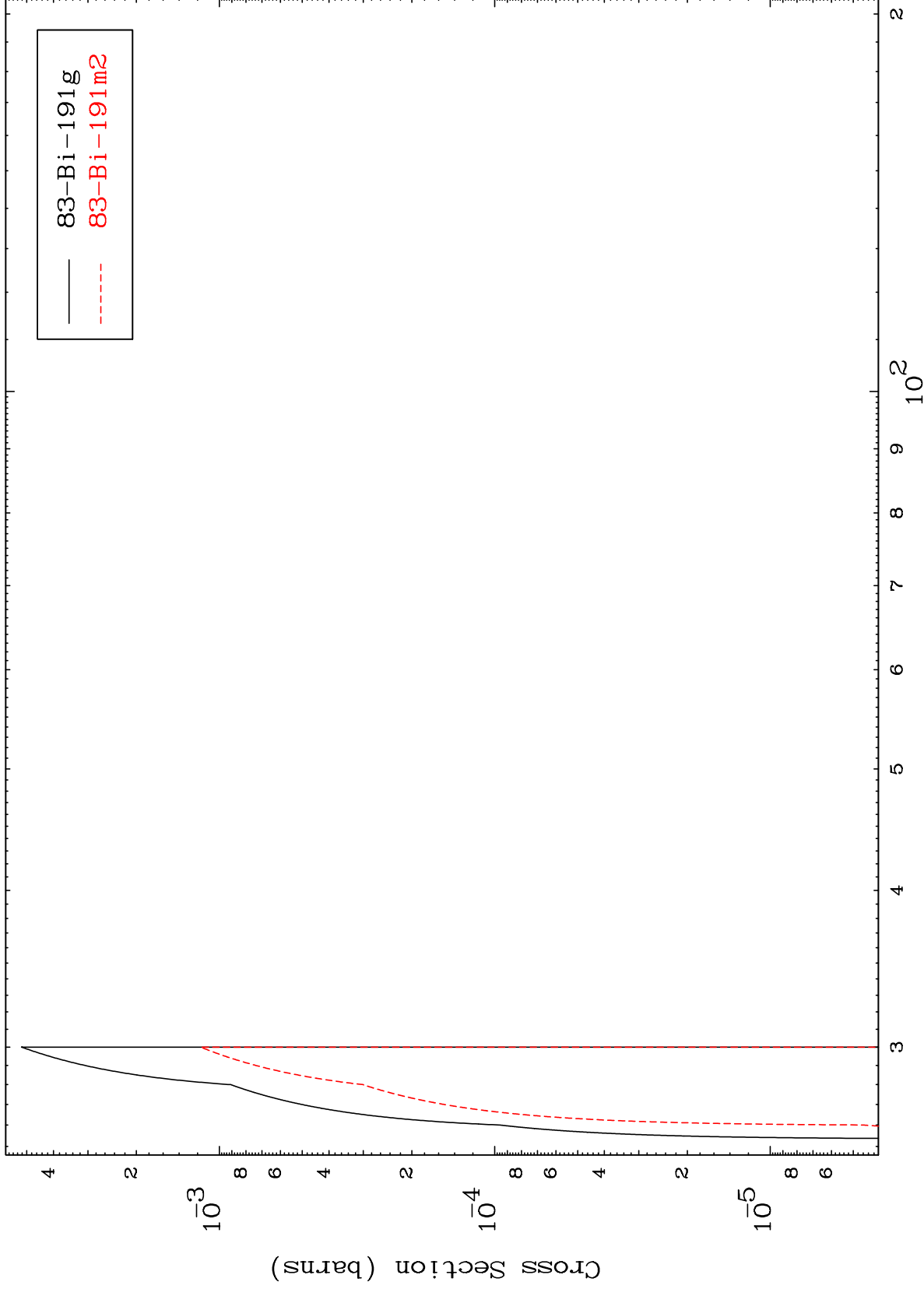


MAT 8084

(n,2n)

81-Tl-189m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

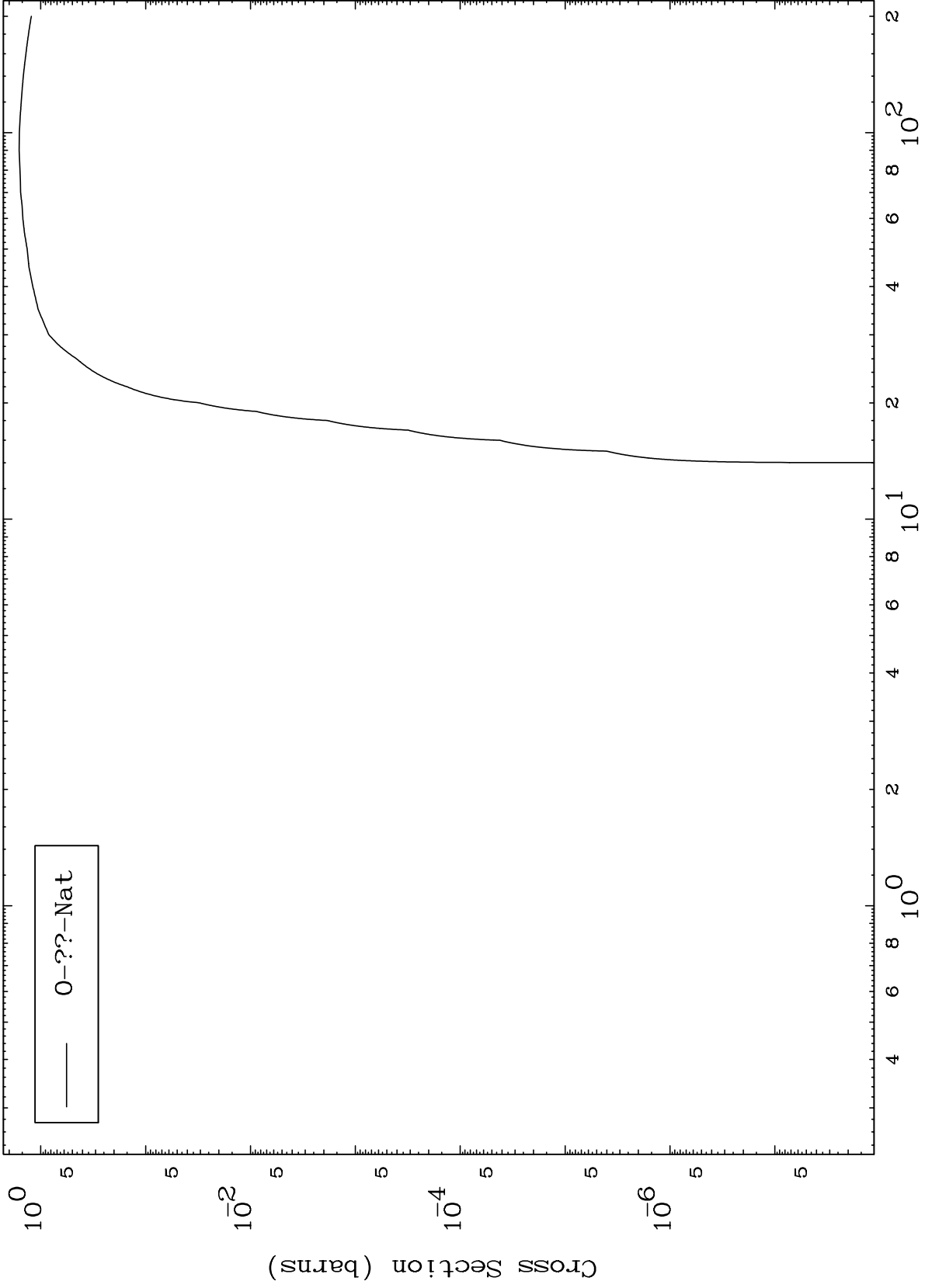
81-Tl-189m

MAT 8084

Fission

81-Tl-189m

Radionuclide Production Cross Section

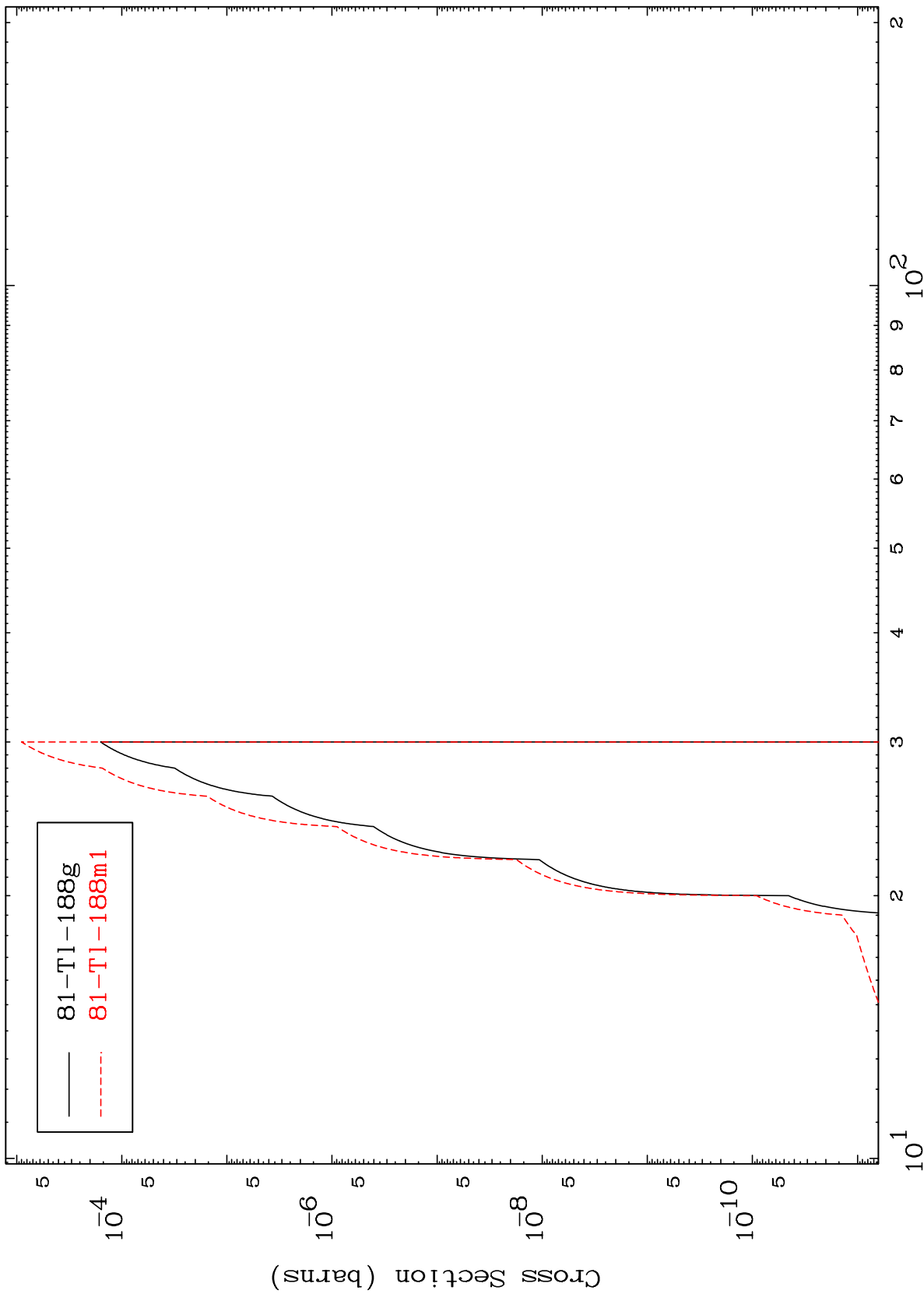


MAT 8084

$(n, n') \alpha$

81-Tl-189m

Radionuclide Production Cross Section



Incident Energy (MeV)

81-Tl-189m

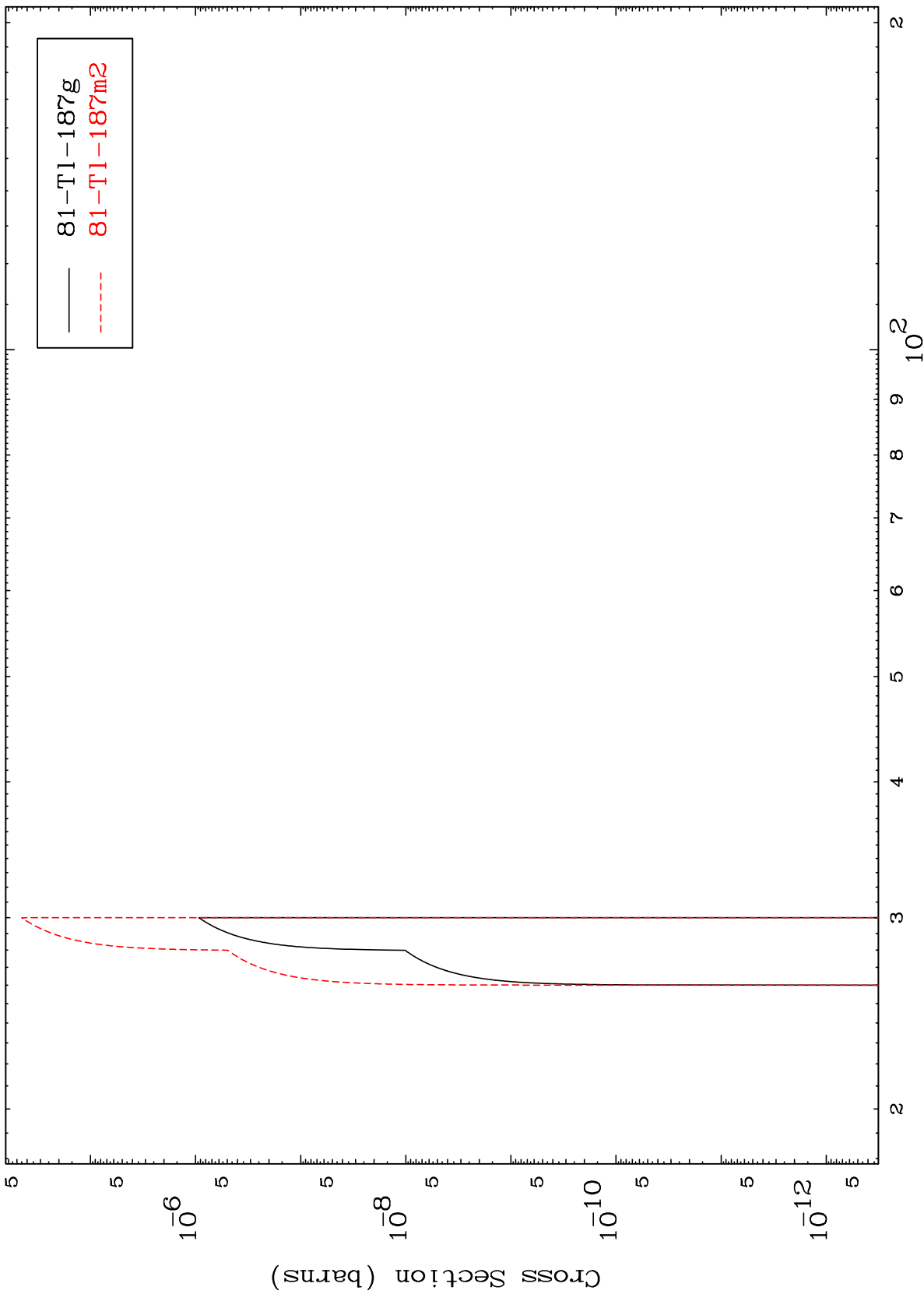
14

MAT 8084

$(n,2n) \alpha$

81-Tl-189m

Radionuclide Production Cross Section

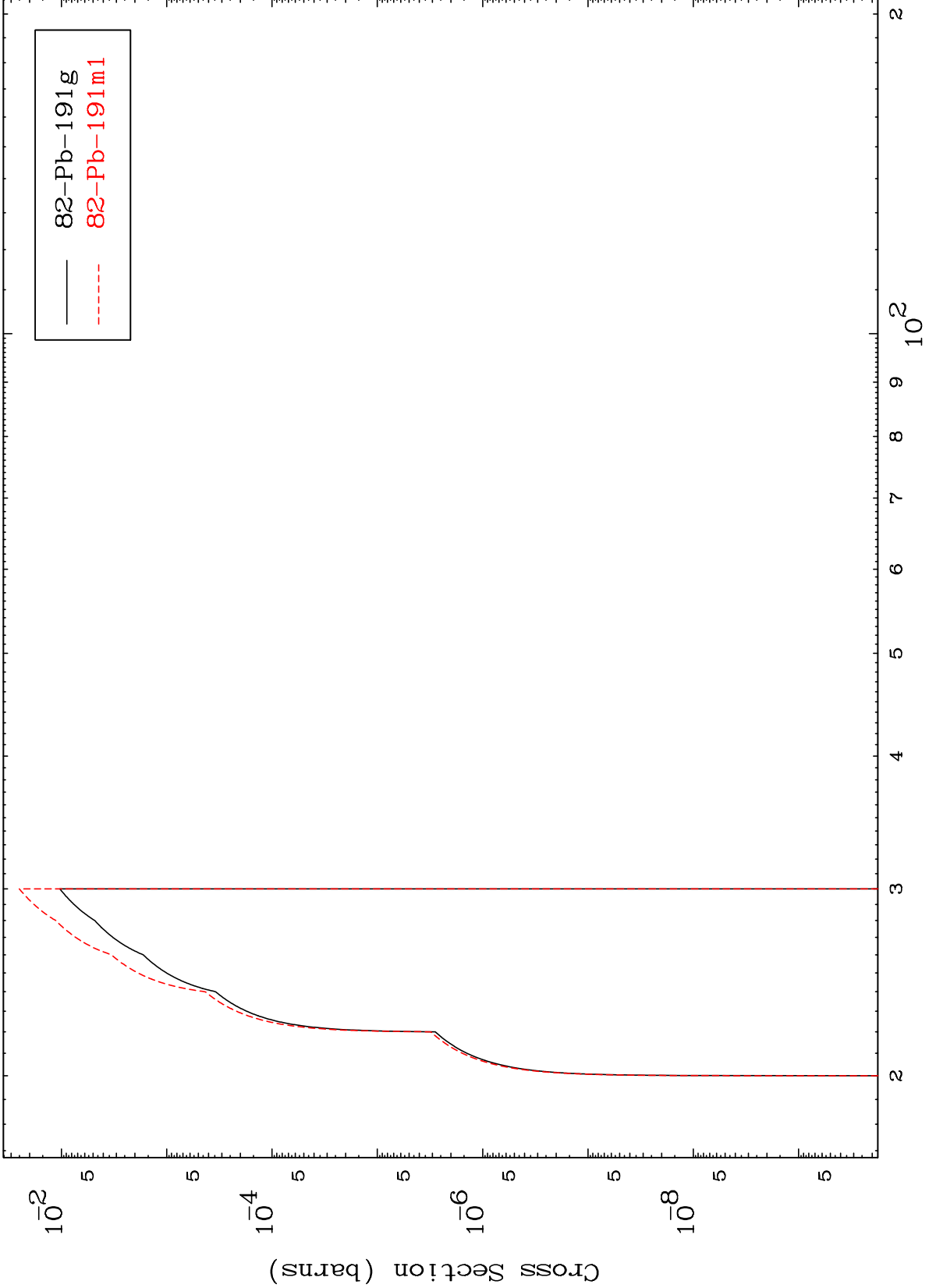


15

Incident Energy (MeV)

81-Tl-189m

Radionuclide Production Cross Section

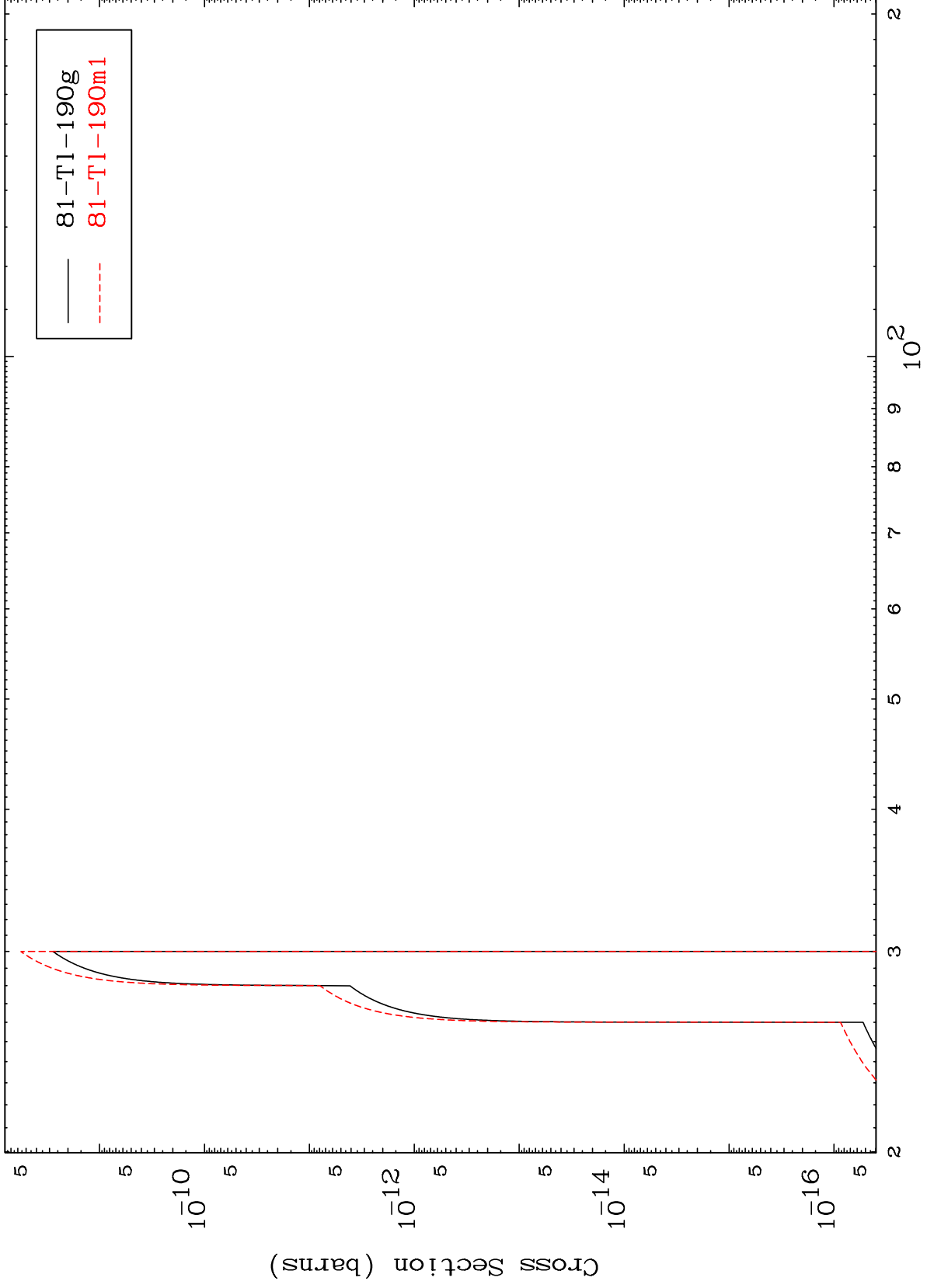


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(n,2n) p

81-Tl-189m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

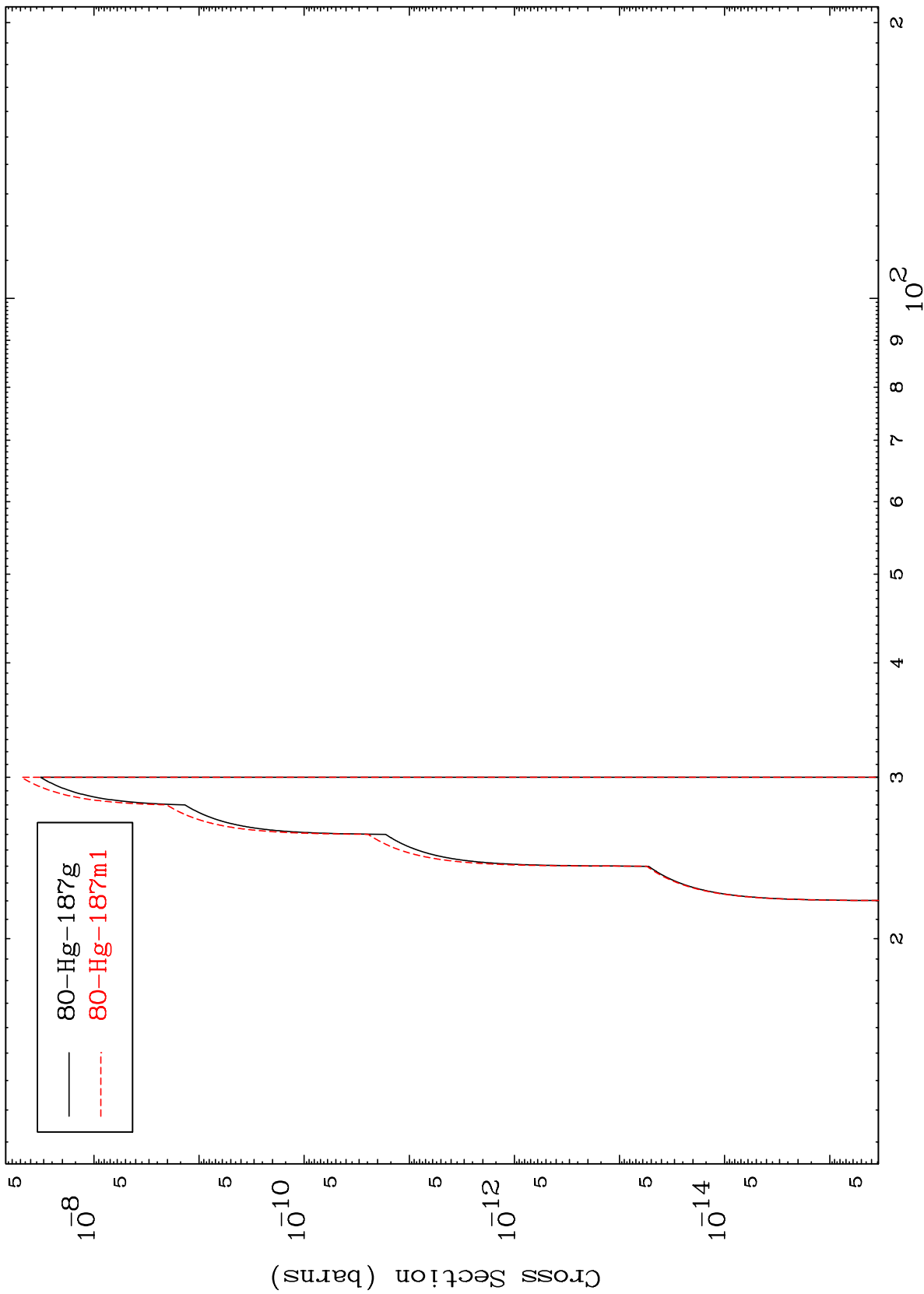
81-Tl-189m

MAT 8084

(n,n') p  $\alpha$

81-Tl-189m

Radionuclide Production Cross Section



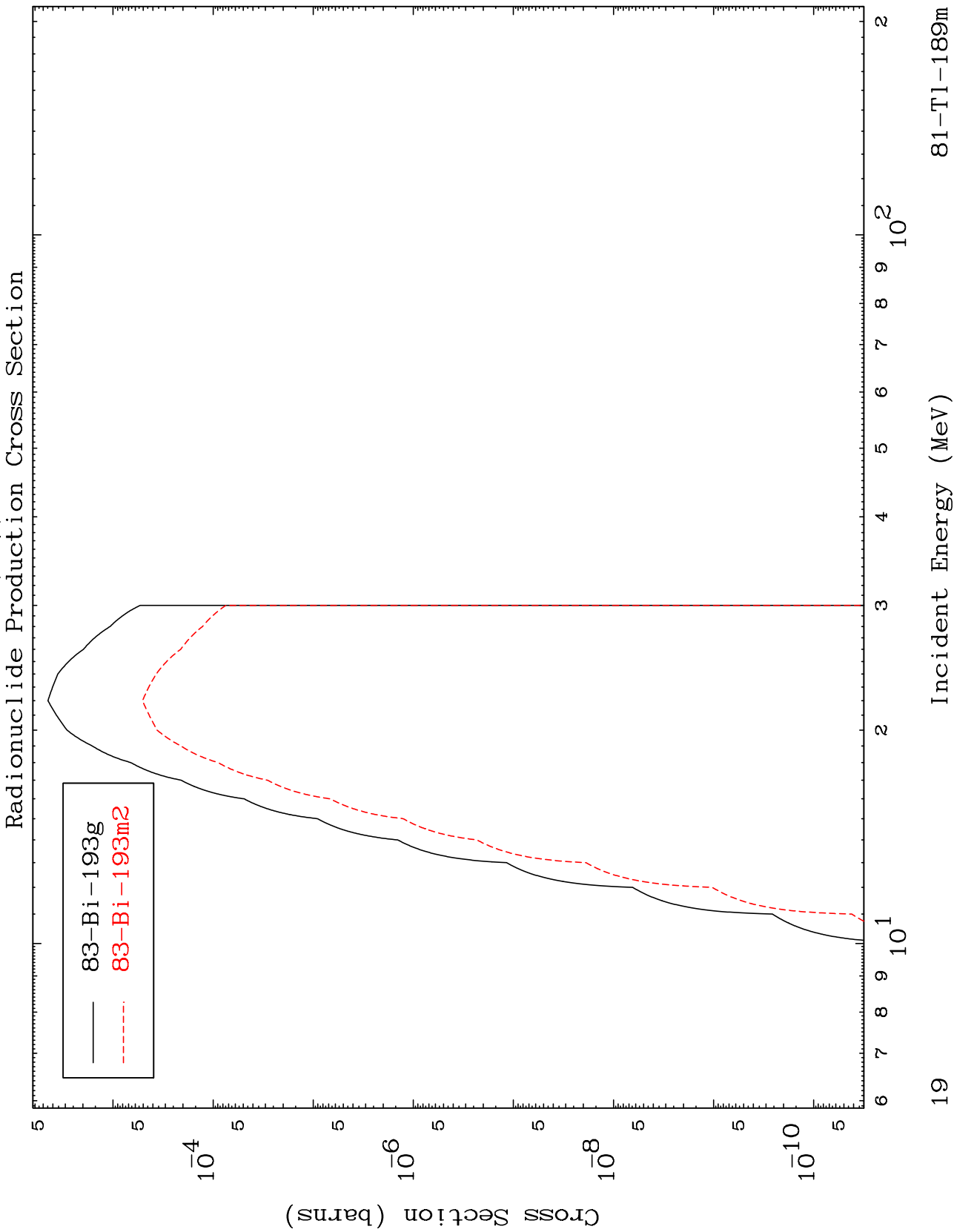
18

Incident Energy (MeV)

81-Tl-189m

MAT 8084

81-Tl-189m

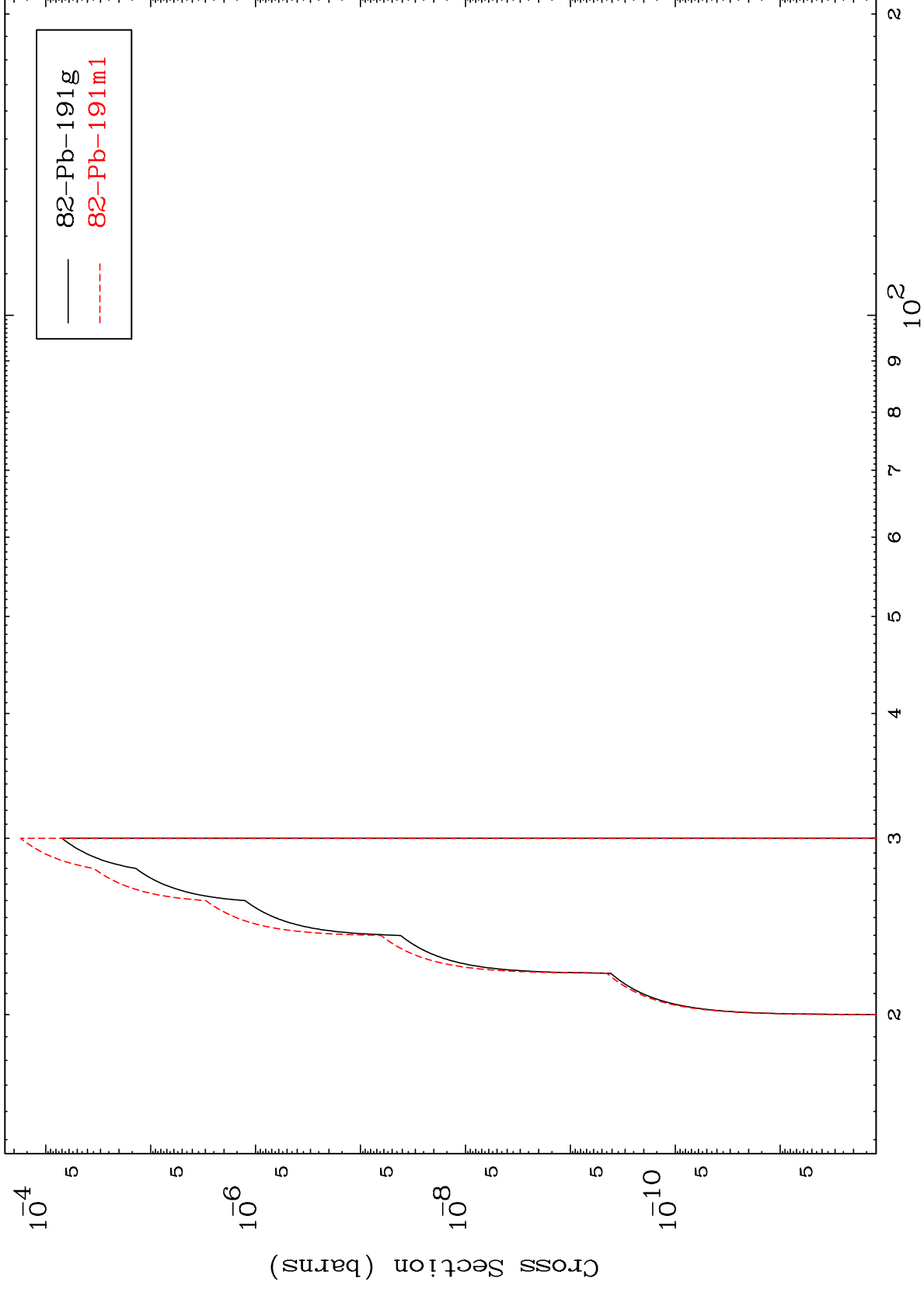


MAT 8084

(n,d)

81-Tl-189m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

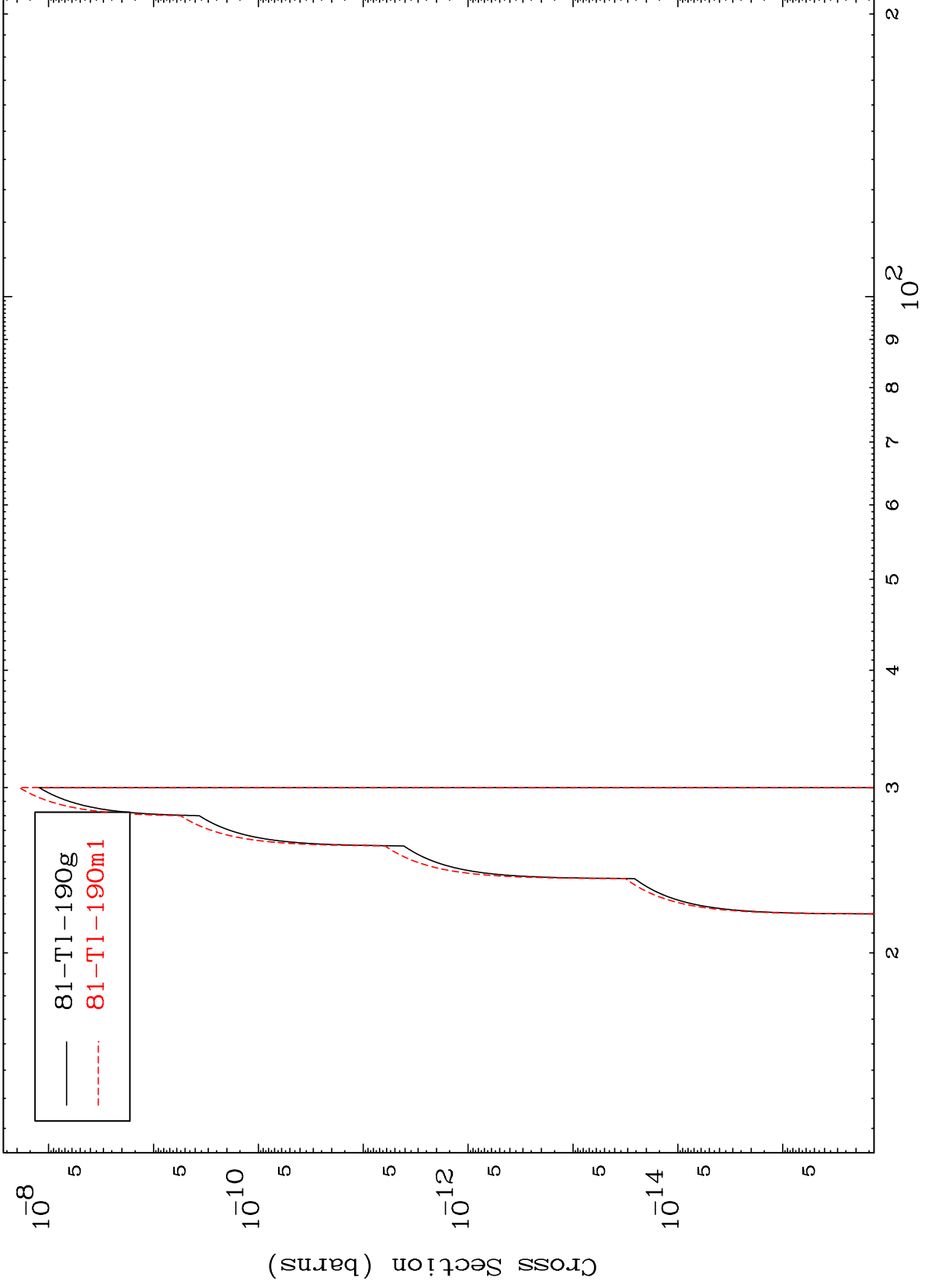
81-Tl-189m

MAT 8084

(n,He-3)

81-Tl-189m

Radionuclide Production Cross Section



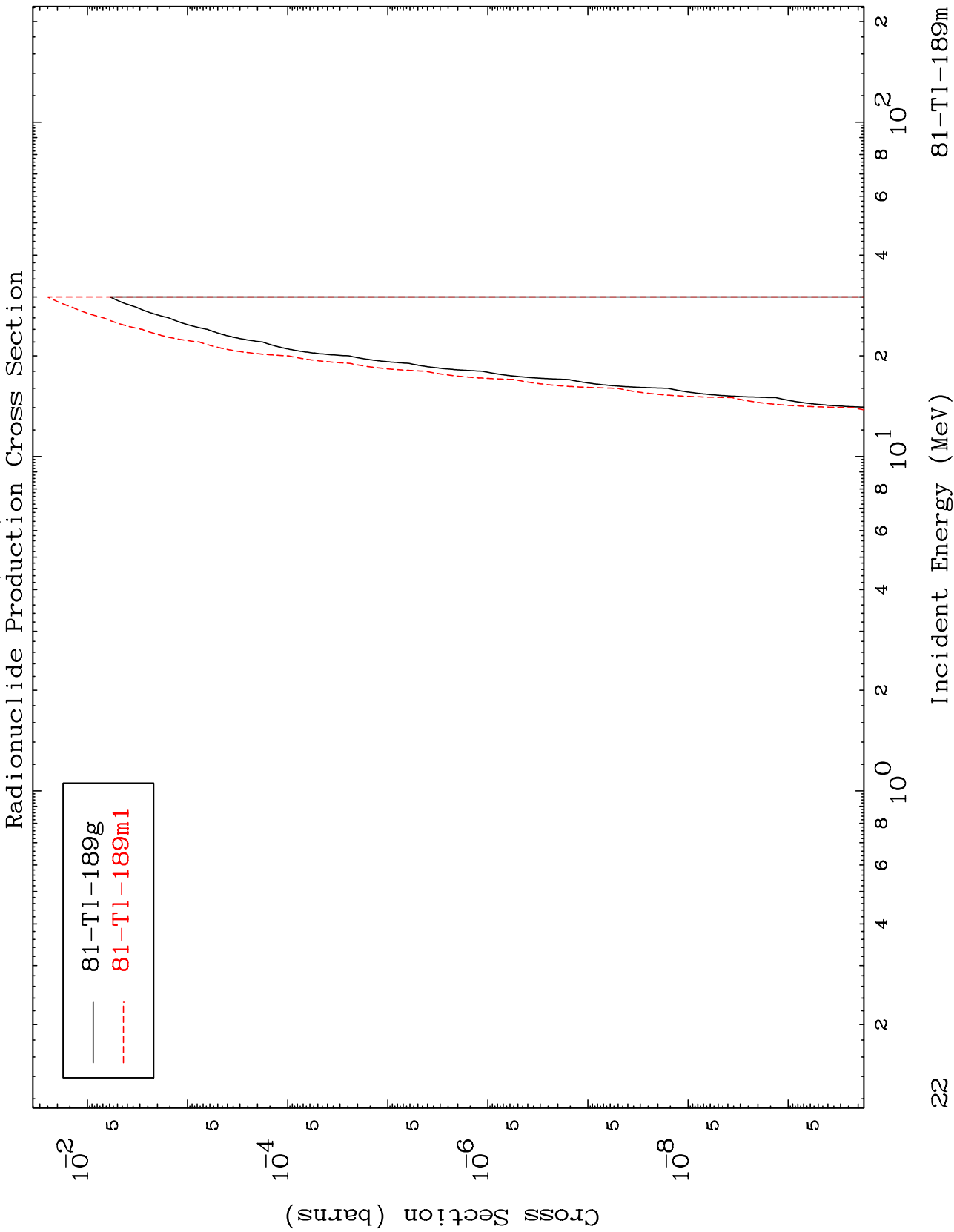
21

Incident Energy (MeV)

81-Tl-189m

MAT 8084

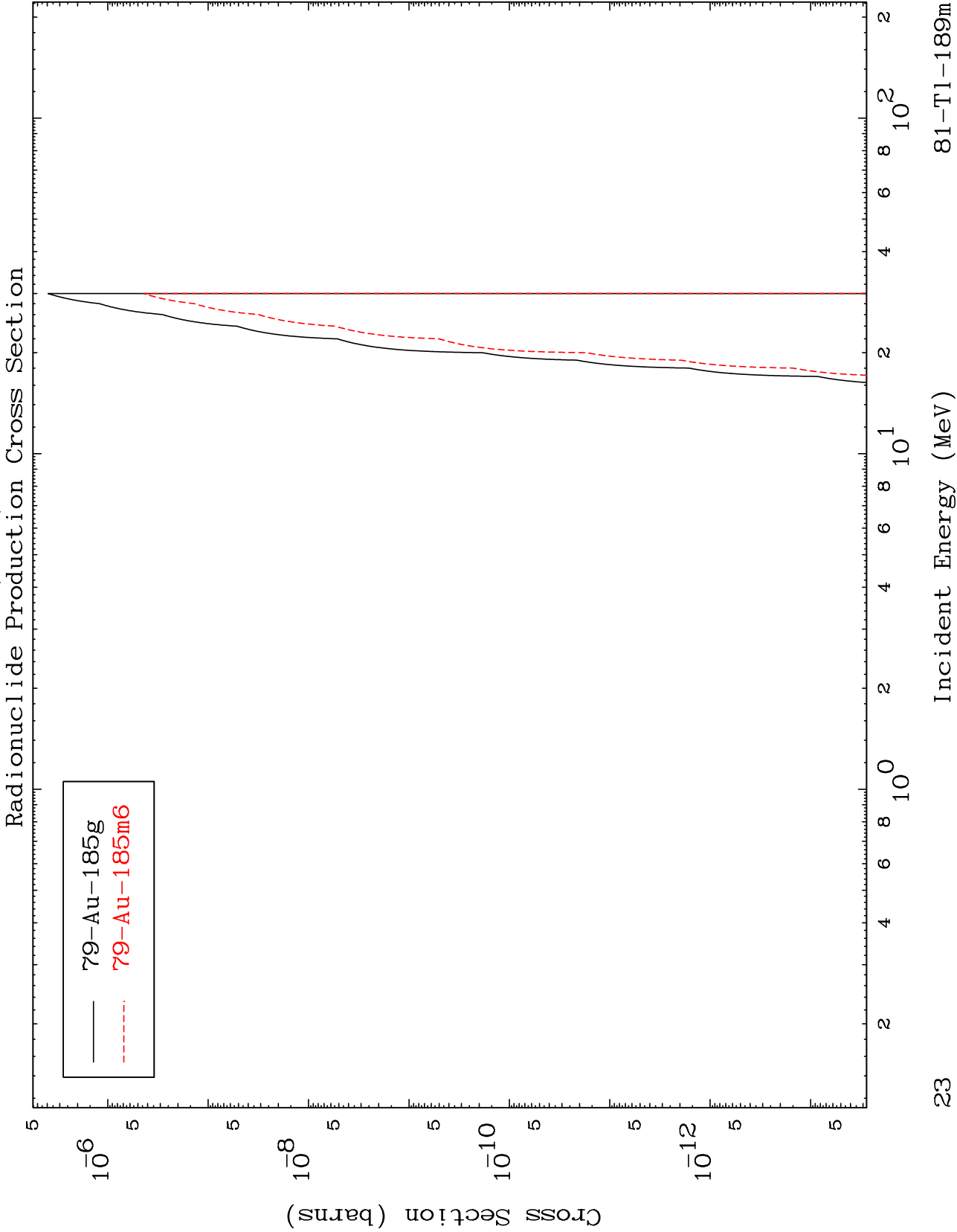
81-Tl-189m



MAT 8084

(n,2α)

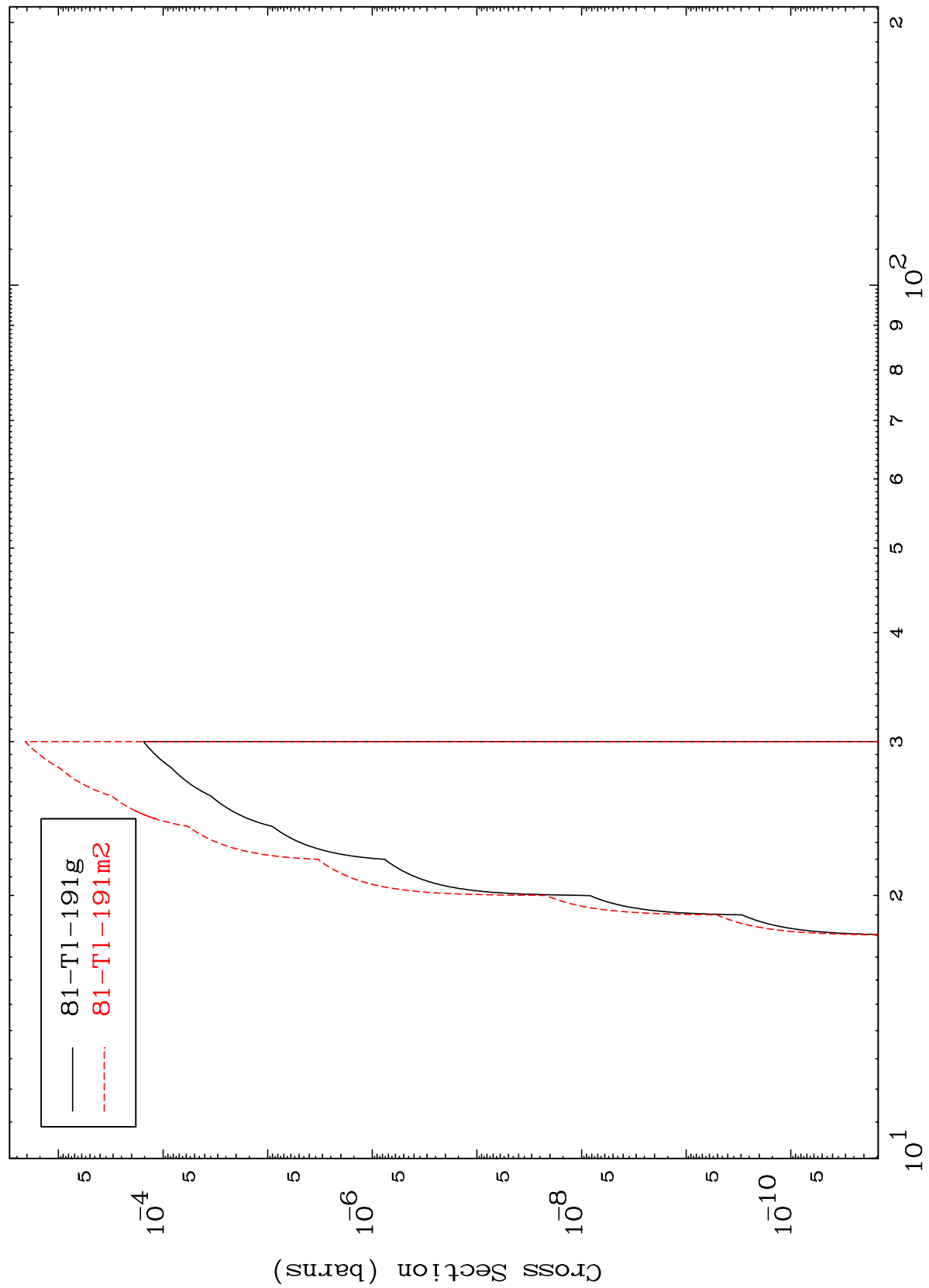
81-Tl-189m



MAT 8084

81-Tl-189m

(n,2p)  
Radionuclide Production Cross Section



81-Tl-189m

Incident Energy (MeV)

24