

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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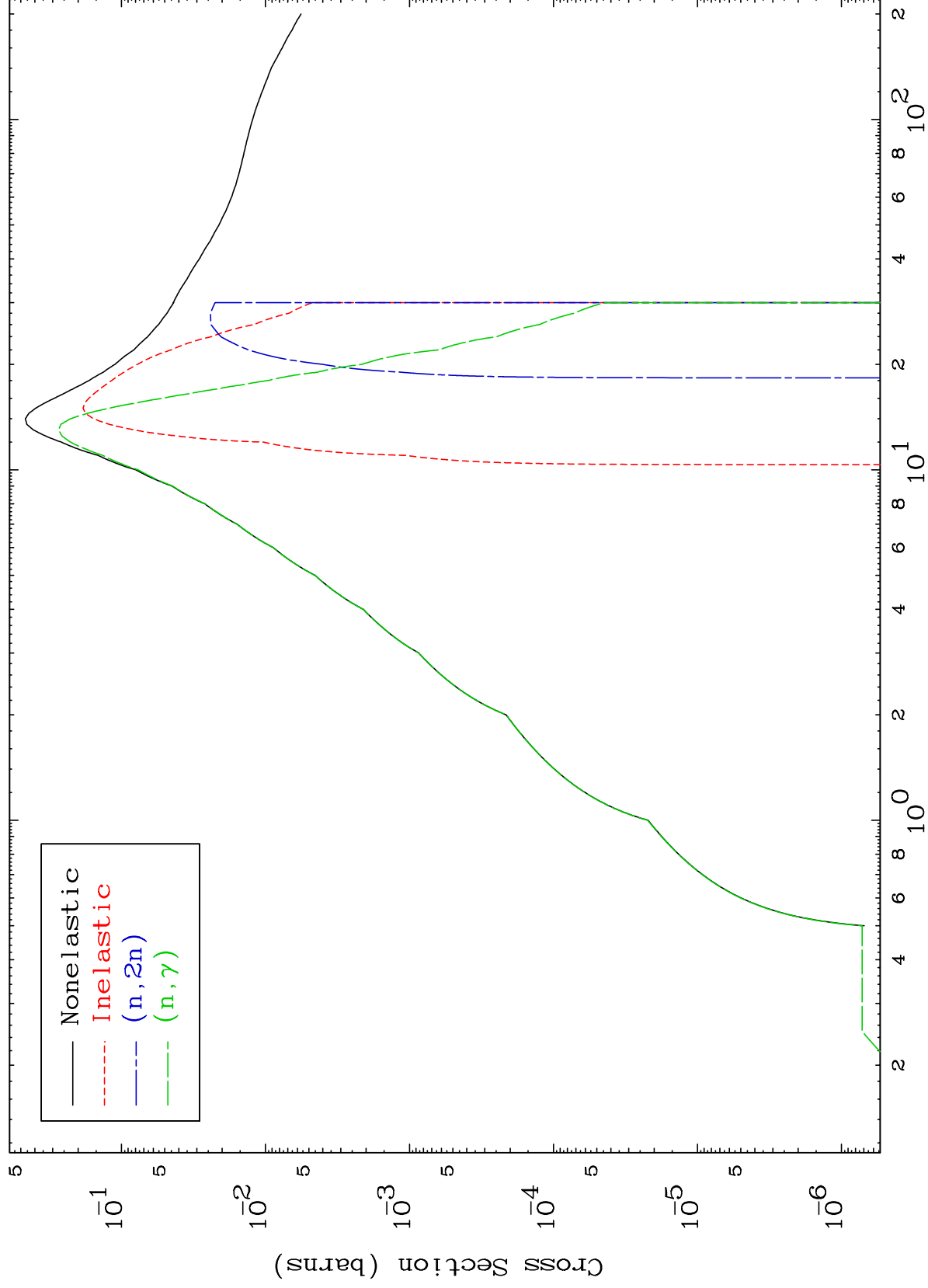
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 8083

Photon Major  
0 Kelvin Cross Sections

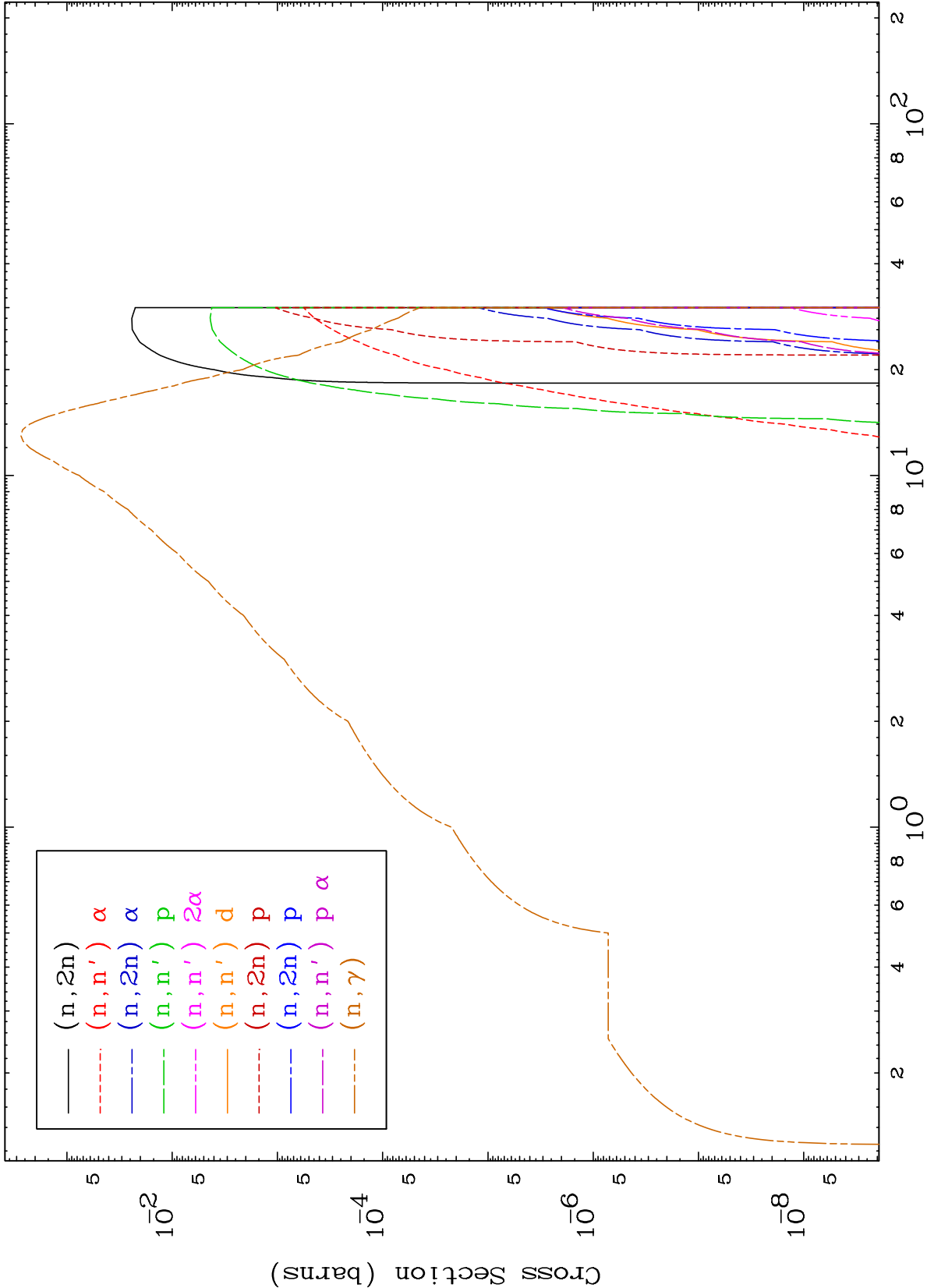
81-Tl-189

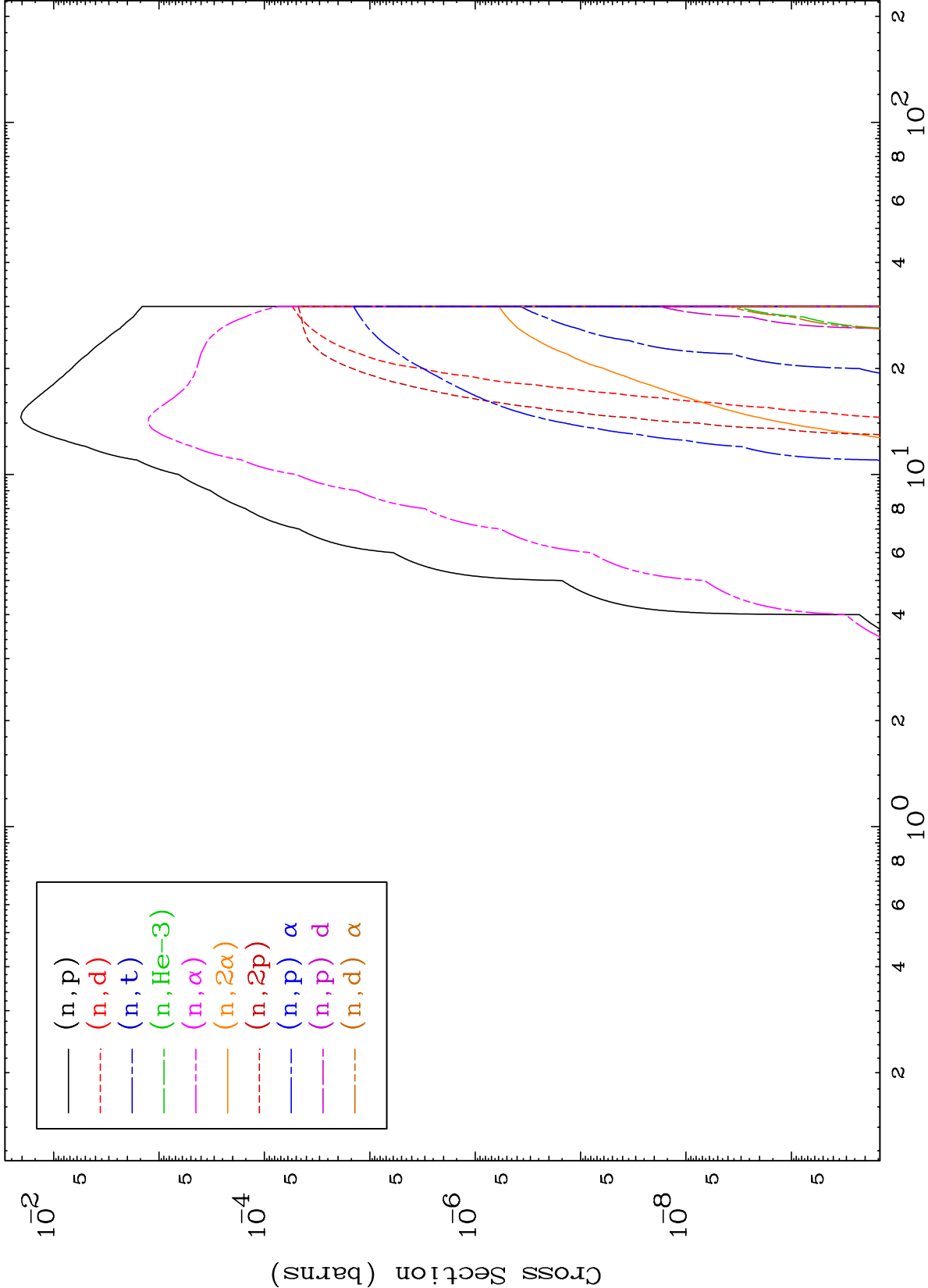


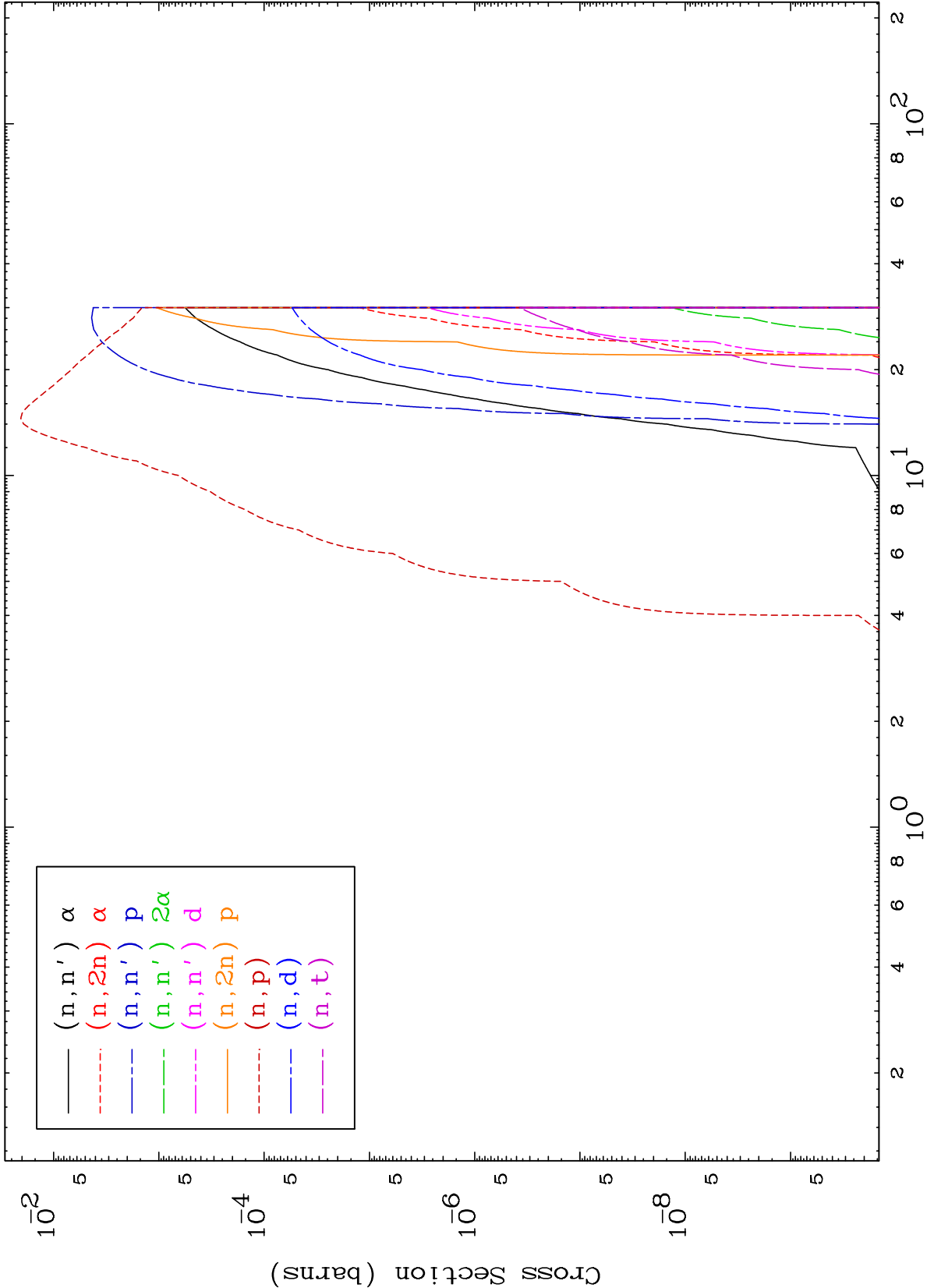
1

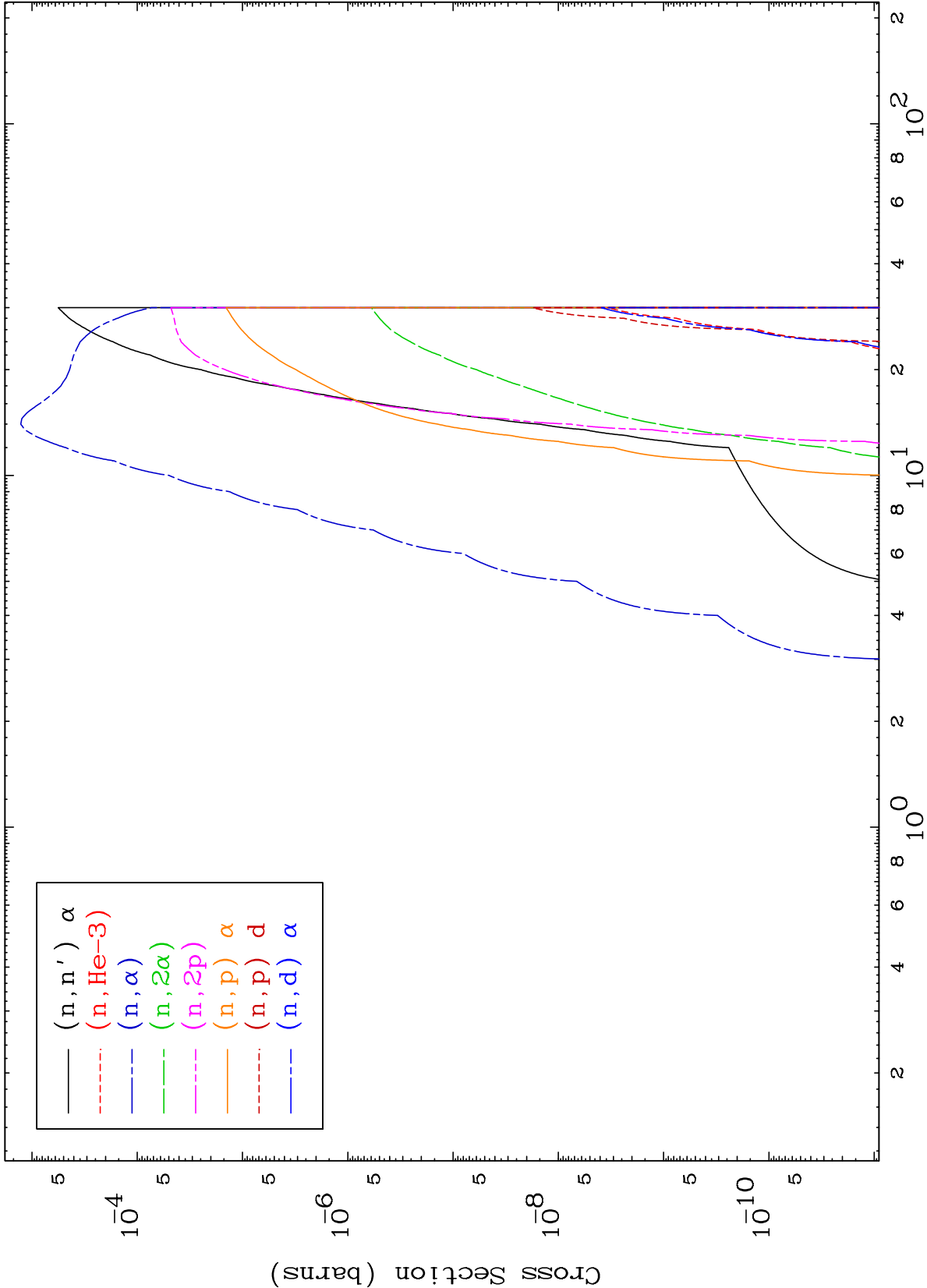
Incident Energy (MeV)

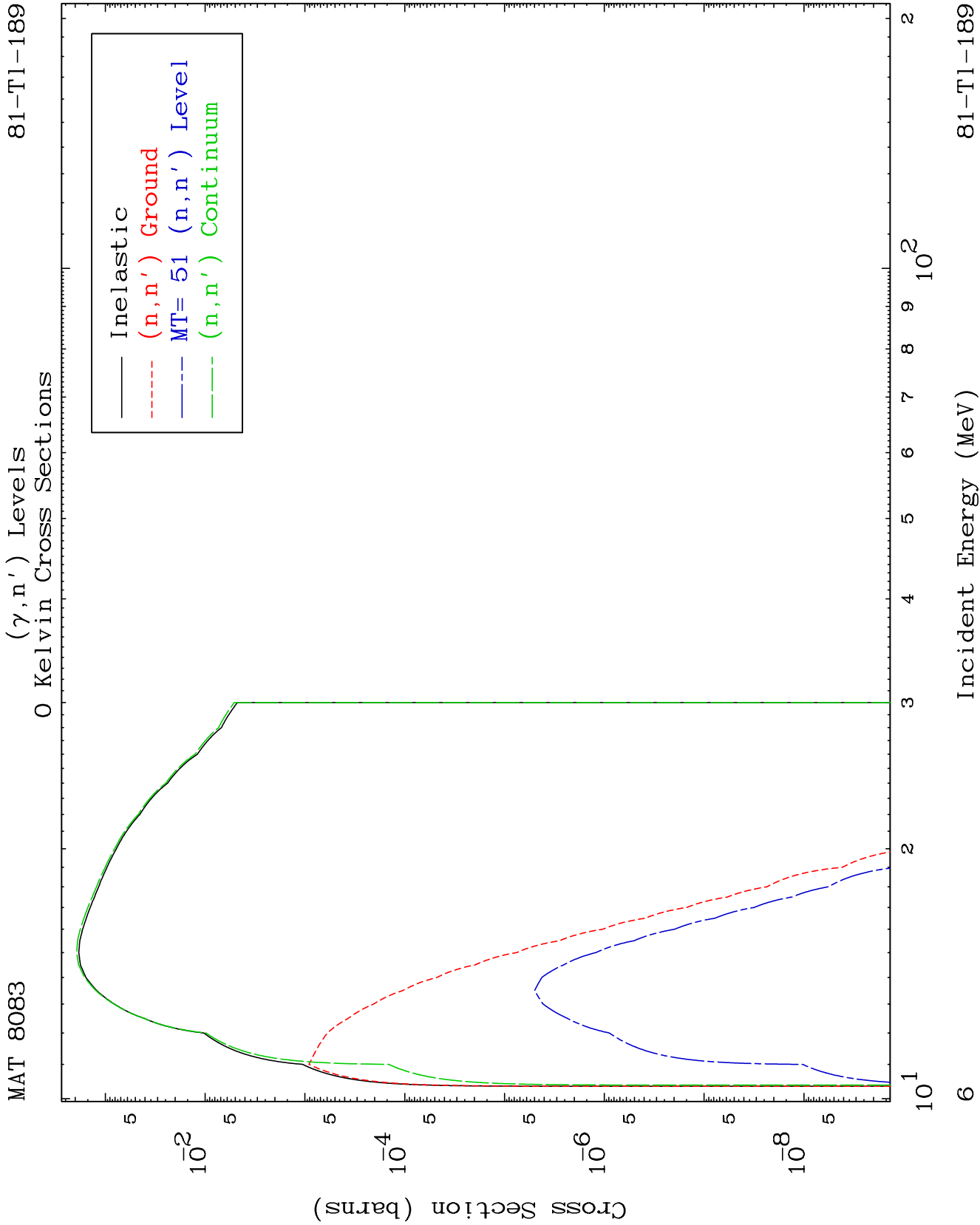
81-Tl-189









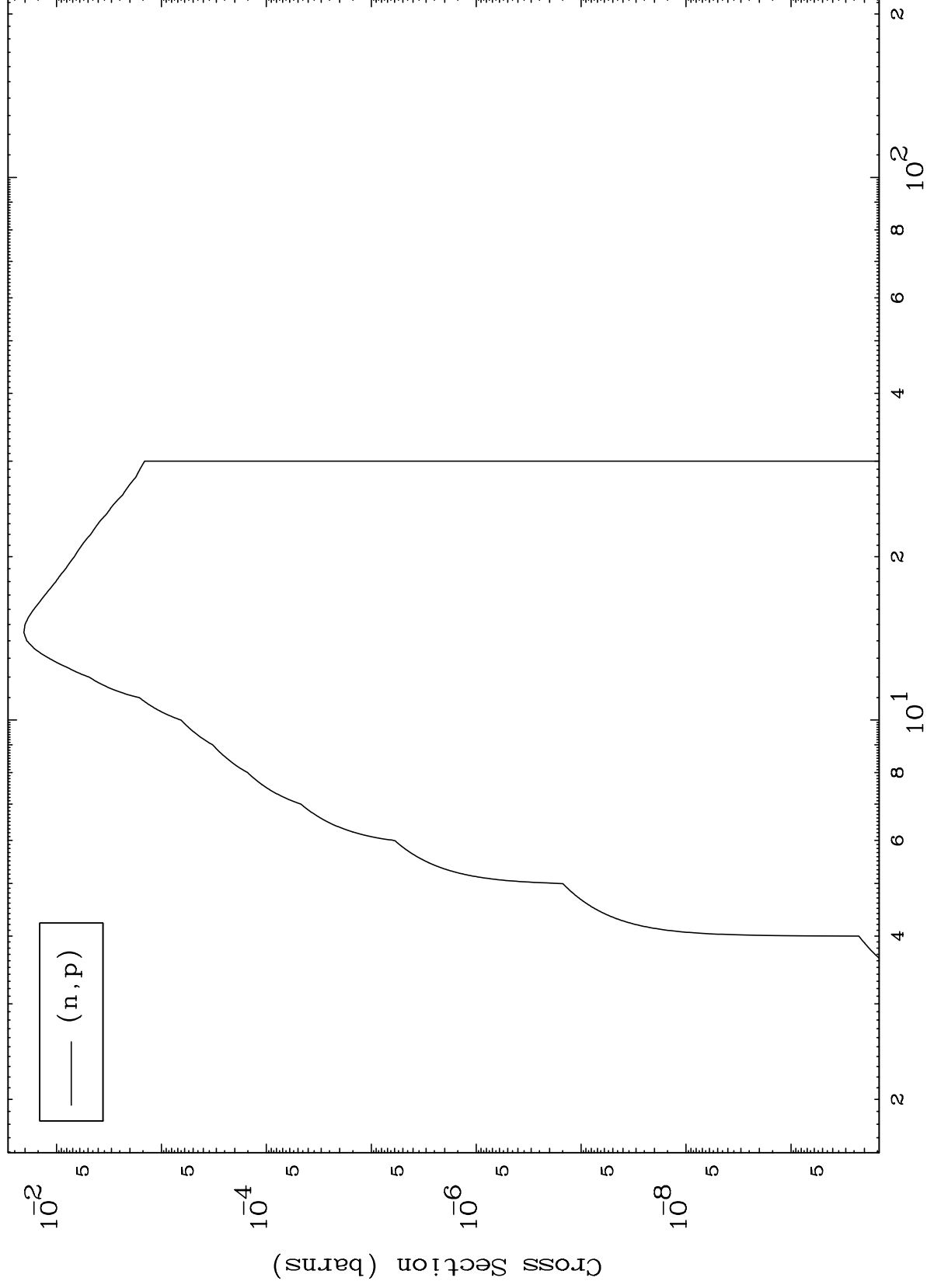


MAT 8083

( $\gamma, p$ ) Levels

81-Tl-189

0 Kelvin Cross Sections



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Incident Energy (MeV)

81-Tl-189

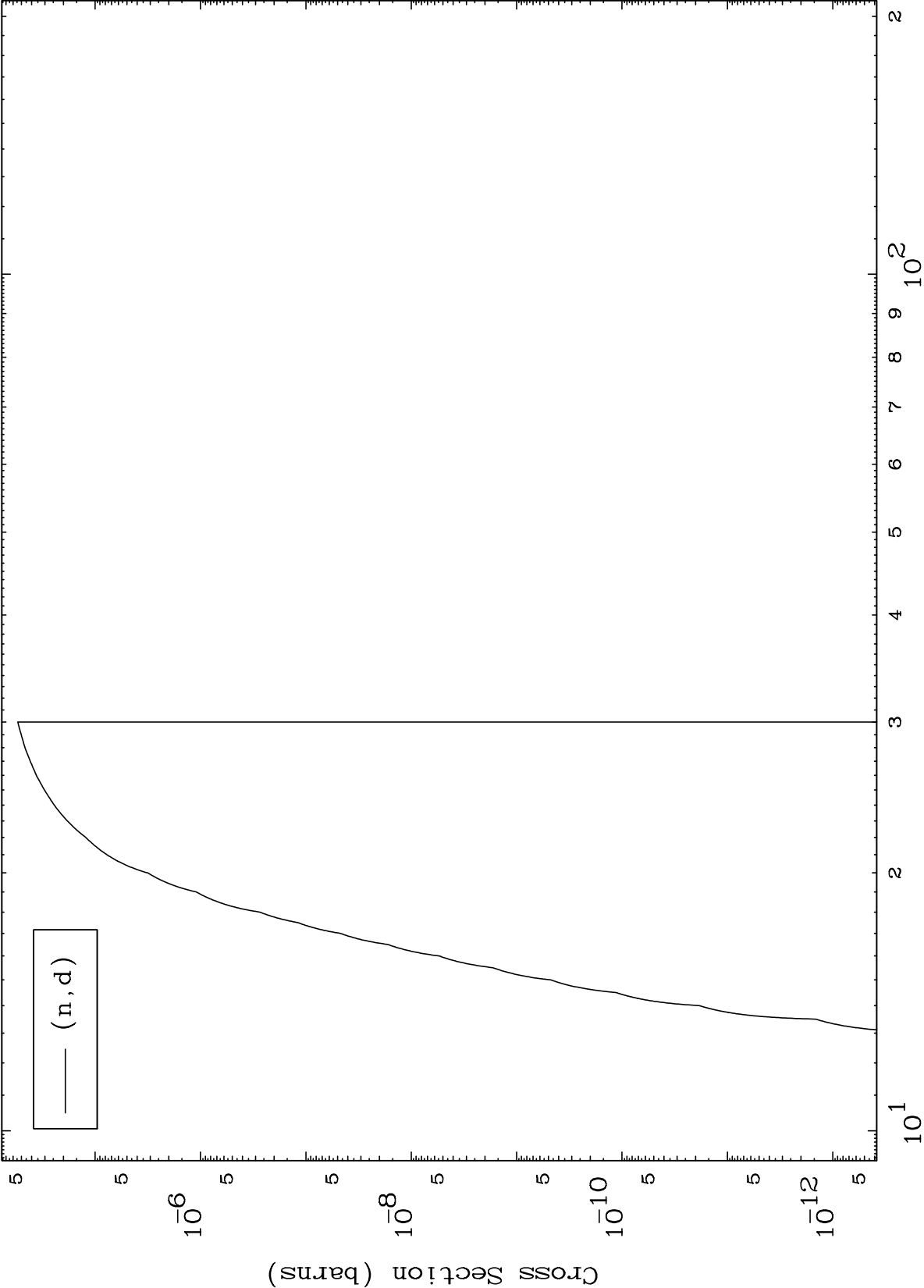


MAT 8083

( $\gamma, d$ ) Levels

0 Kelvin Cross Sections

81-Tl-189



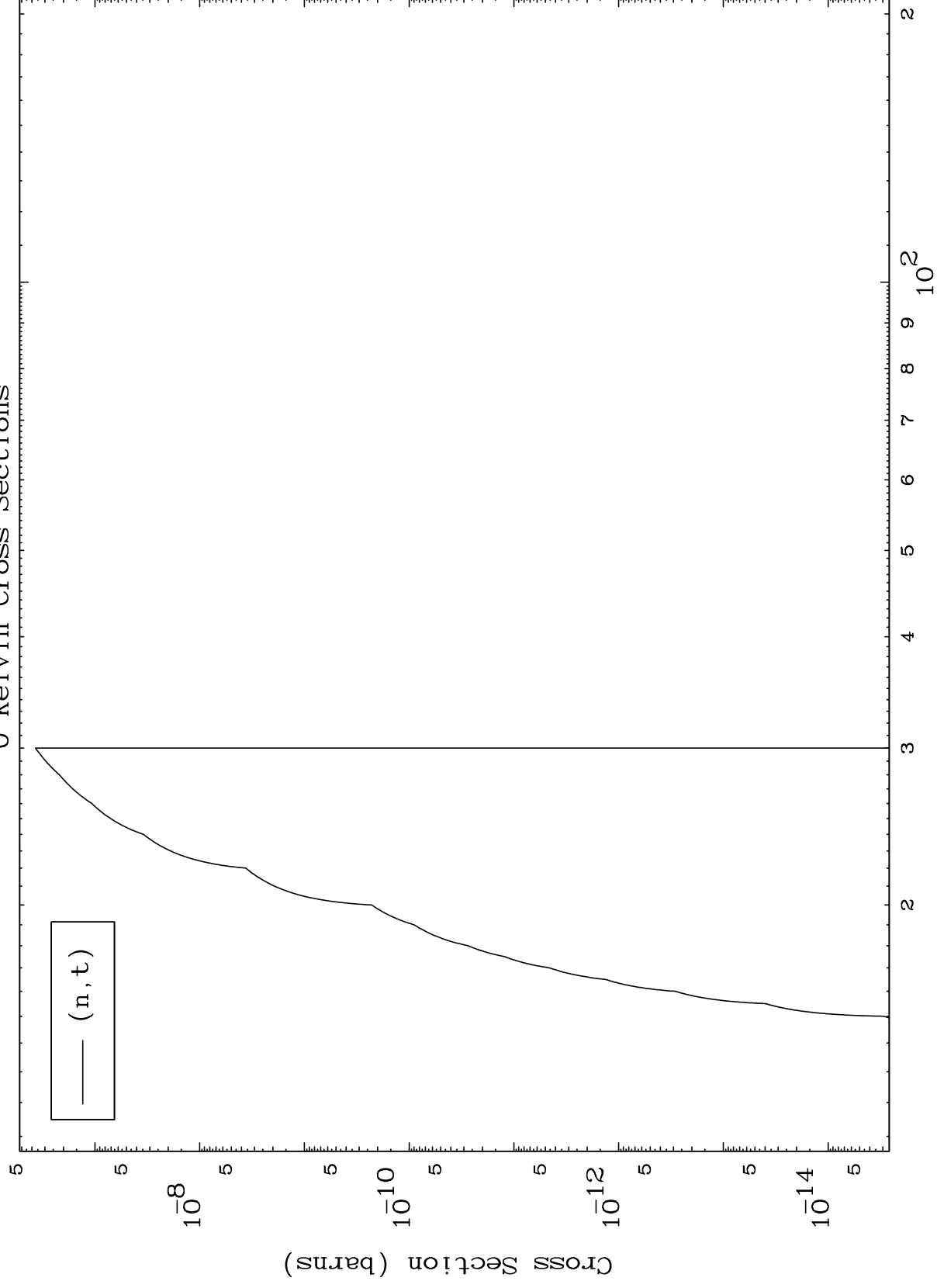
Incident Energy (MeV)

81-Tl-189

MAT 8083

81-Tl-189

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



9

Incident Energy (MeV)

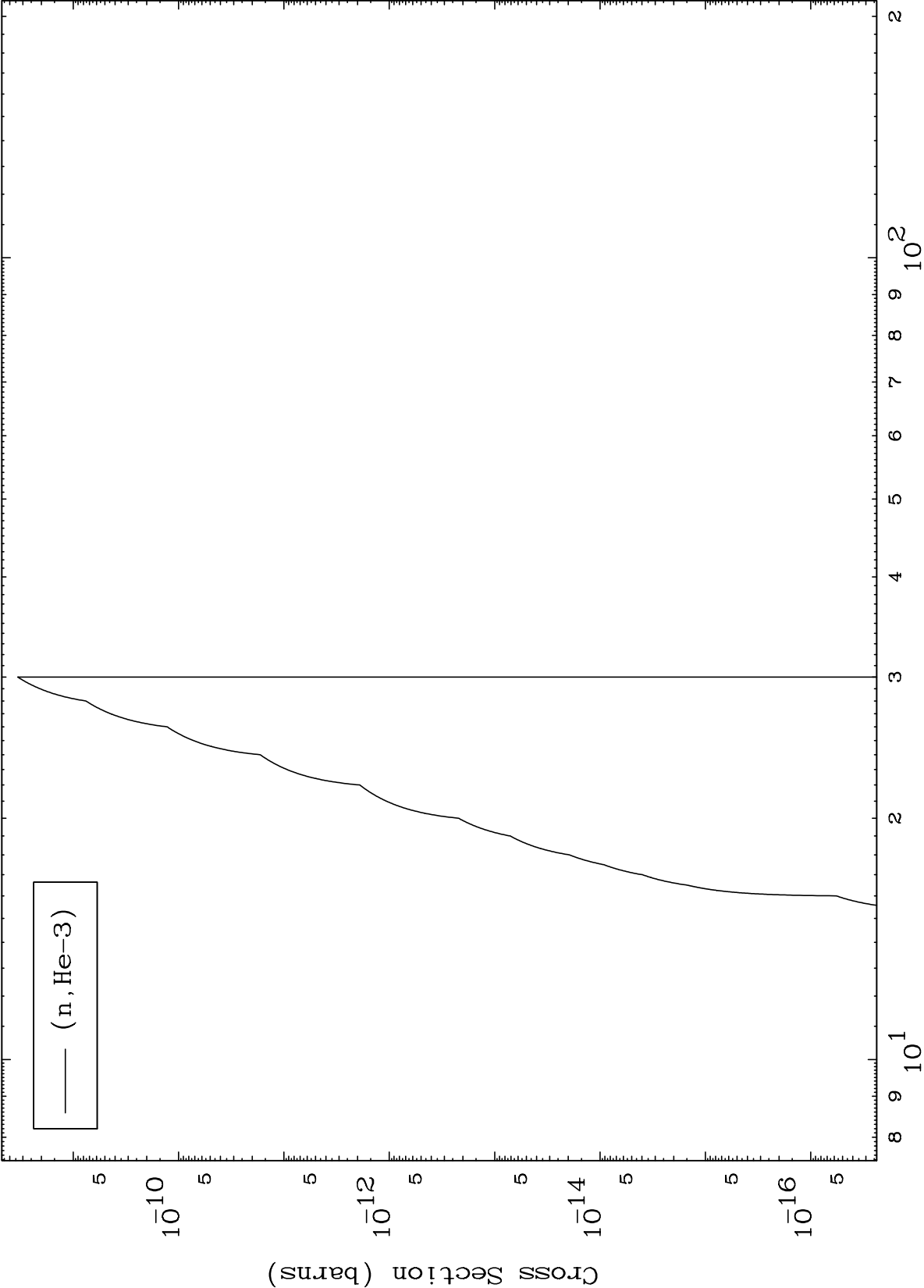
81-Tl-189

MAT 8083

( $\gamma$ ,He3) Levels

81-Tl-189

0 Kelvin Cross Sections



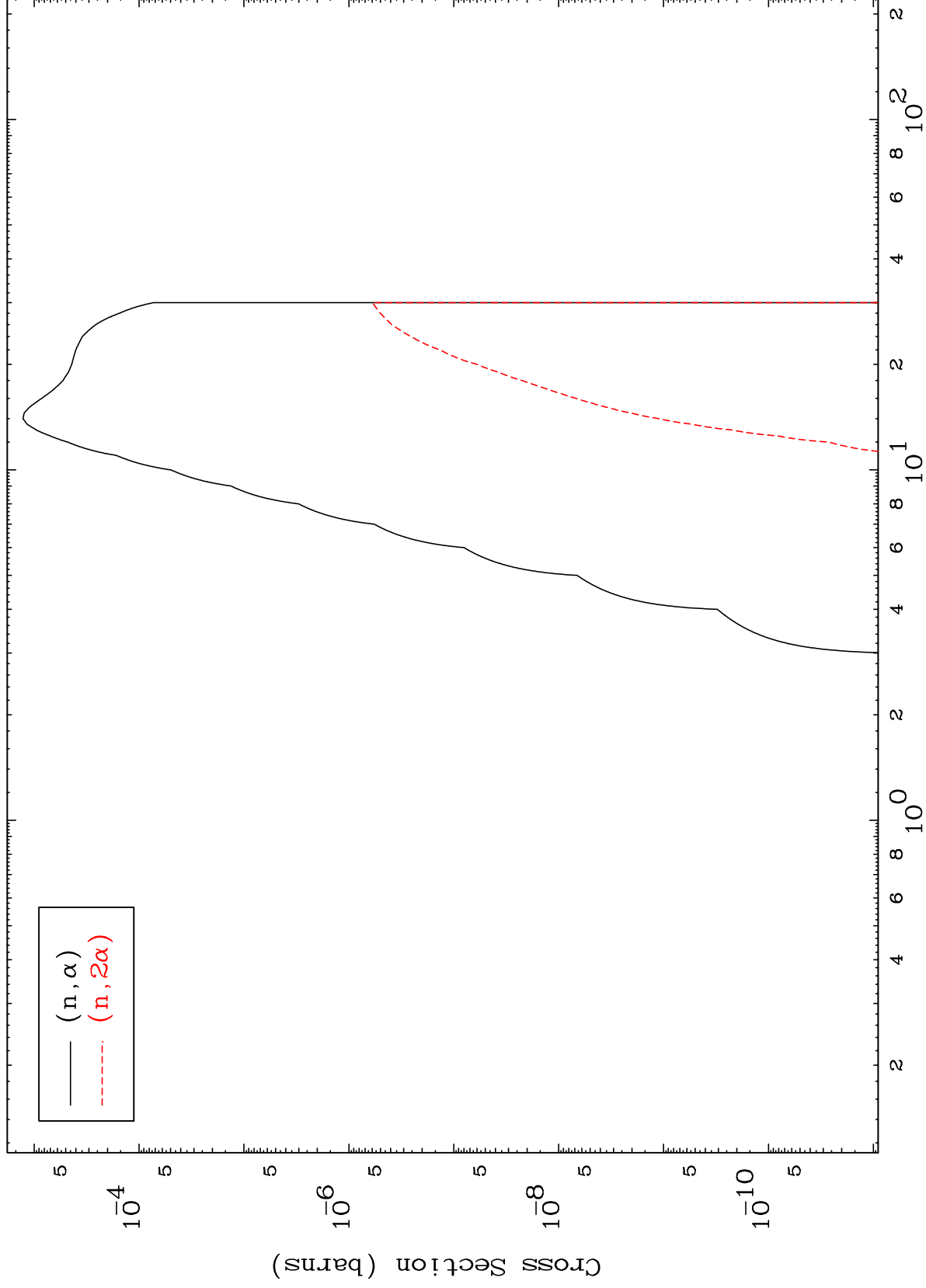
Incident Energy (MeV)

81-Tl-189

MAT 8083

81-Tl-189

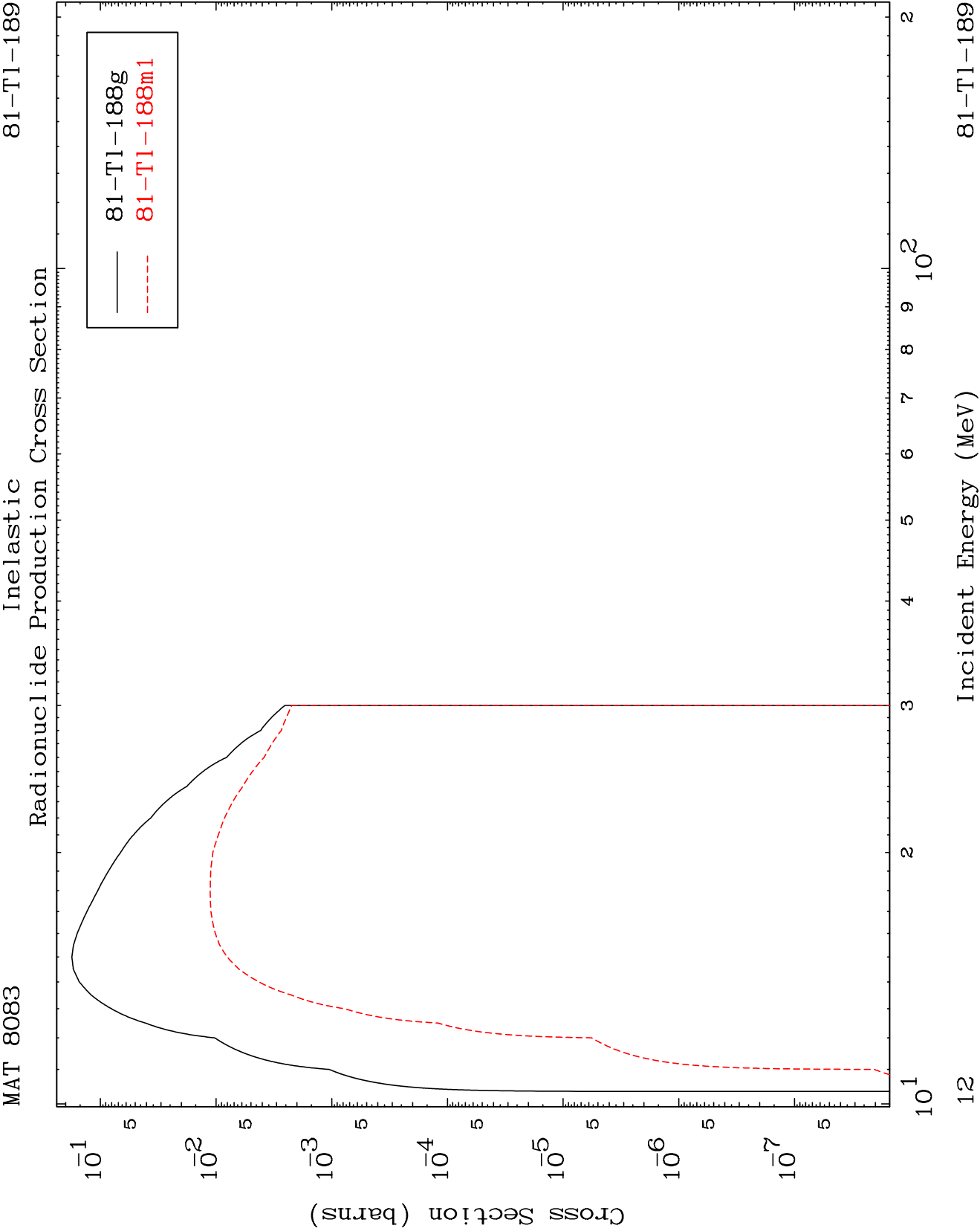
( $\gamma, \alpha$ ) Levels  
0 Kelvin Cross Sections



11

Incident Energy (MeV)

81-Tl-189

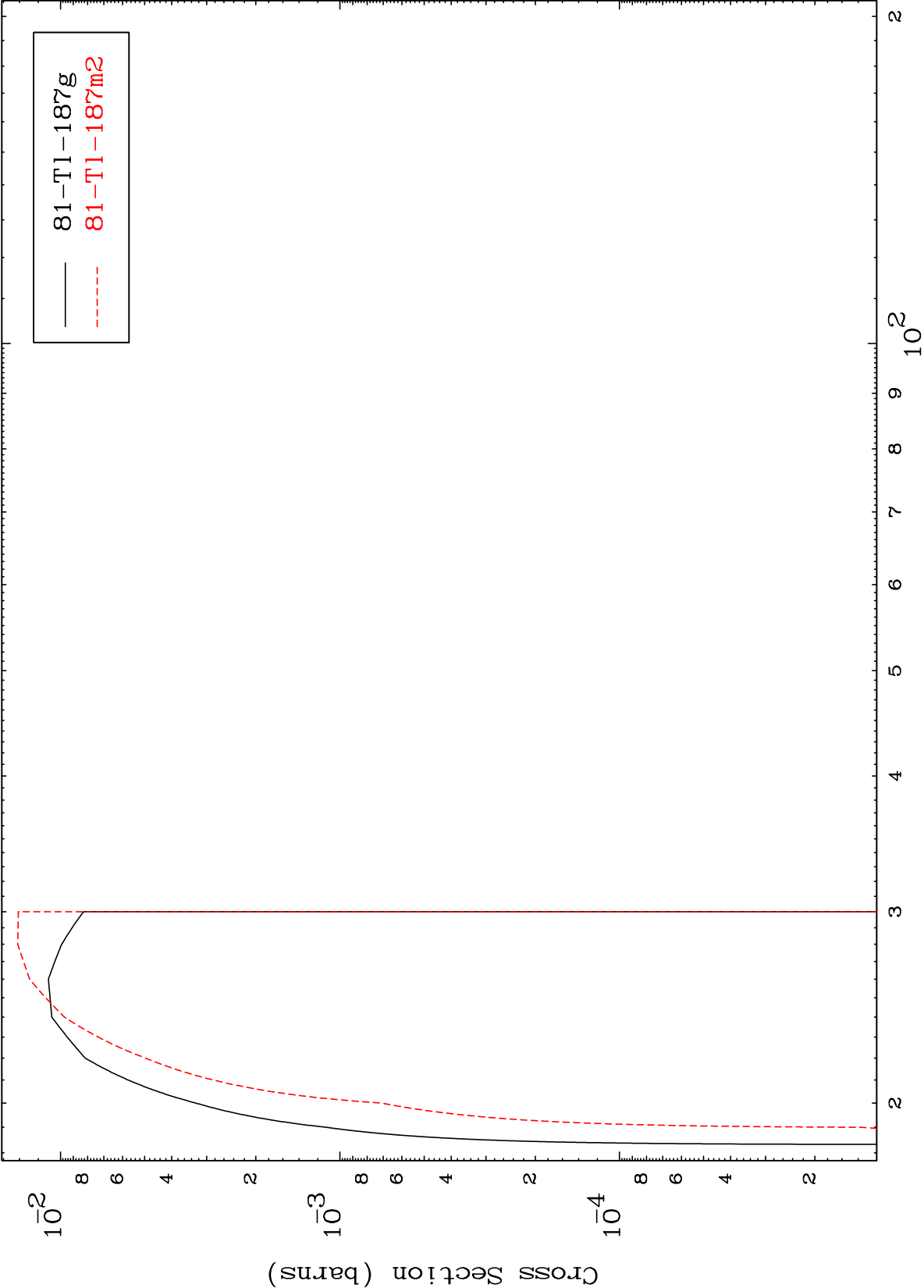


MAT 8083

(n,2n)

81-Tl-189

Radionuclide Production Cross Section



13

Incident Energy (MeV)

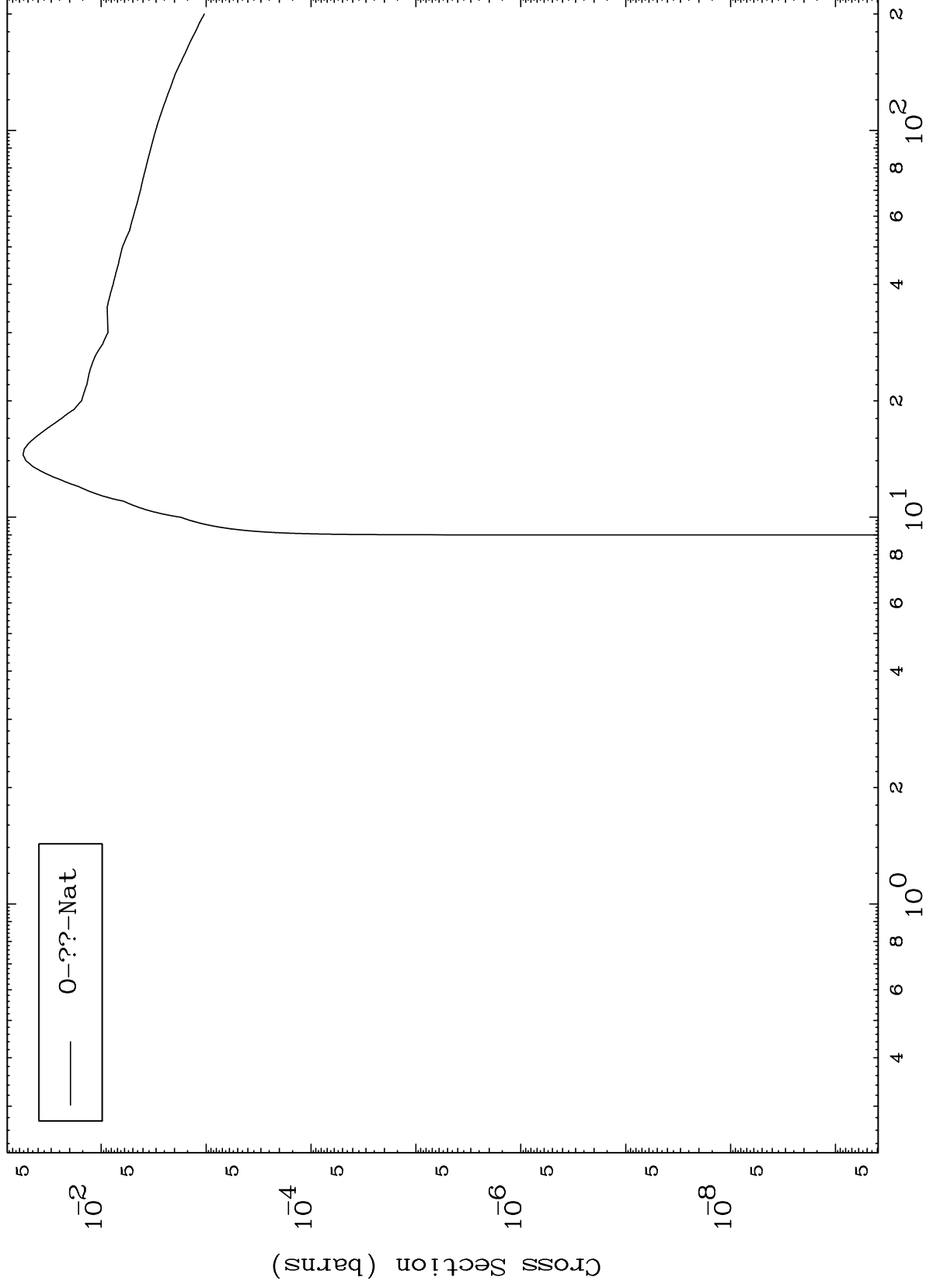
81-Tl-189

MAT 8083

Fission

81-Tl-189

Radionuclide Production Cross Section



14

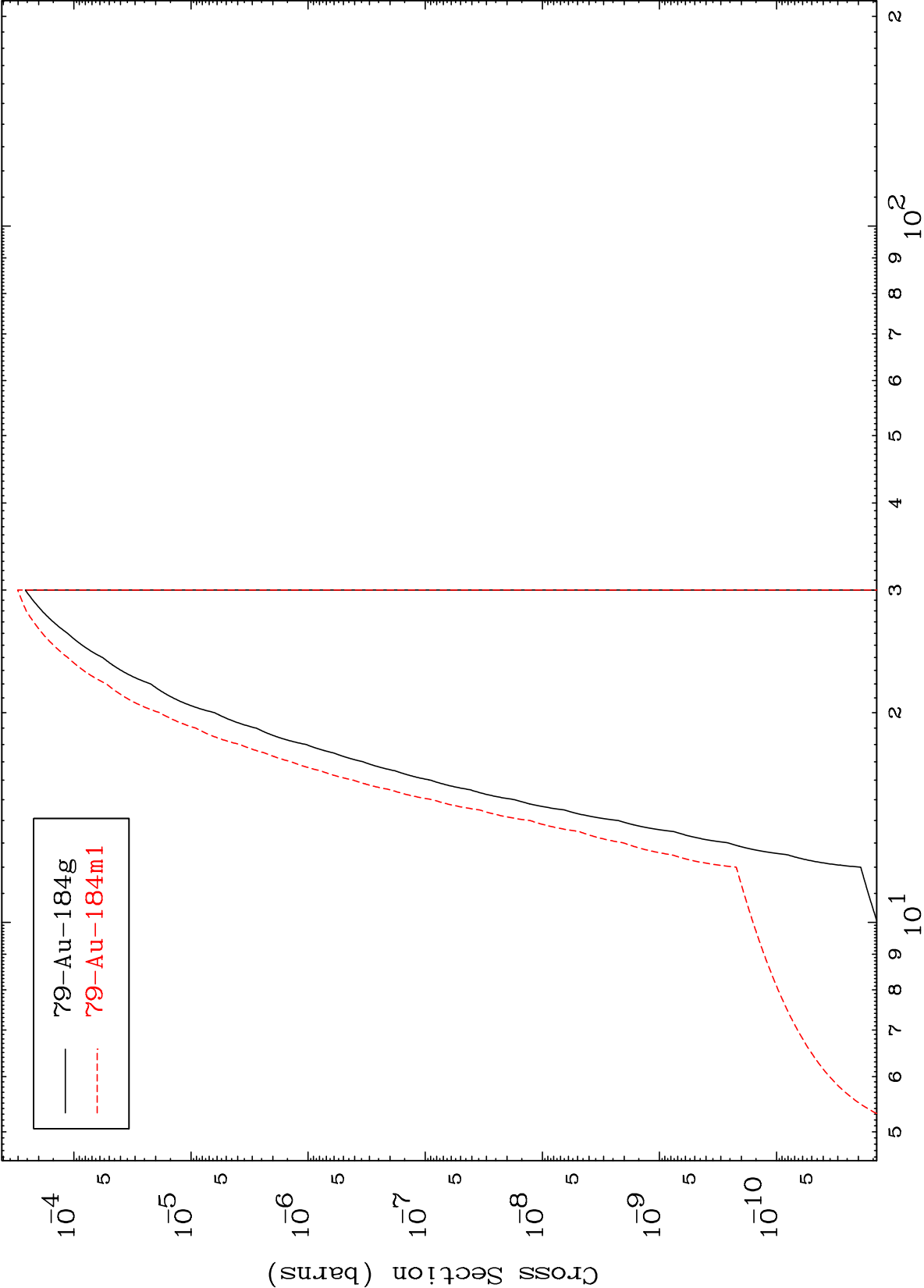
Incident Energy (MeV)

81-Tl-189

MAT 8083

81-Tl-189

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

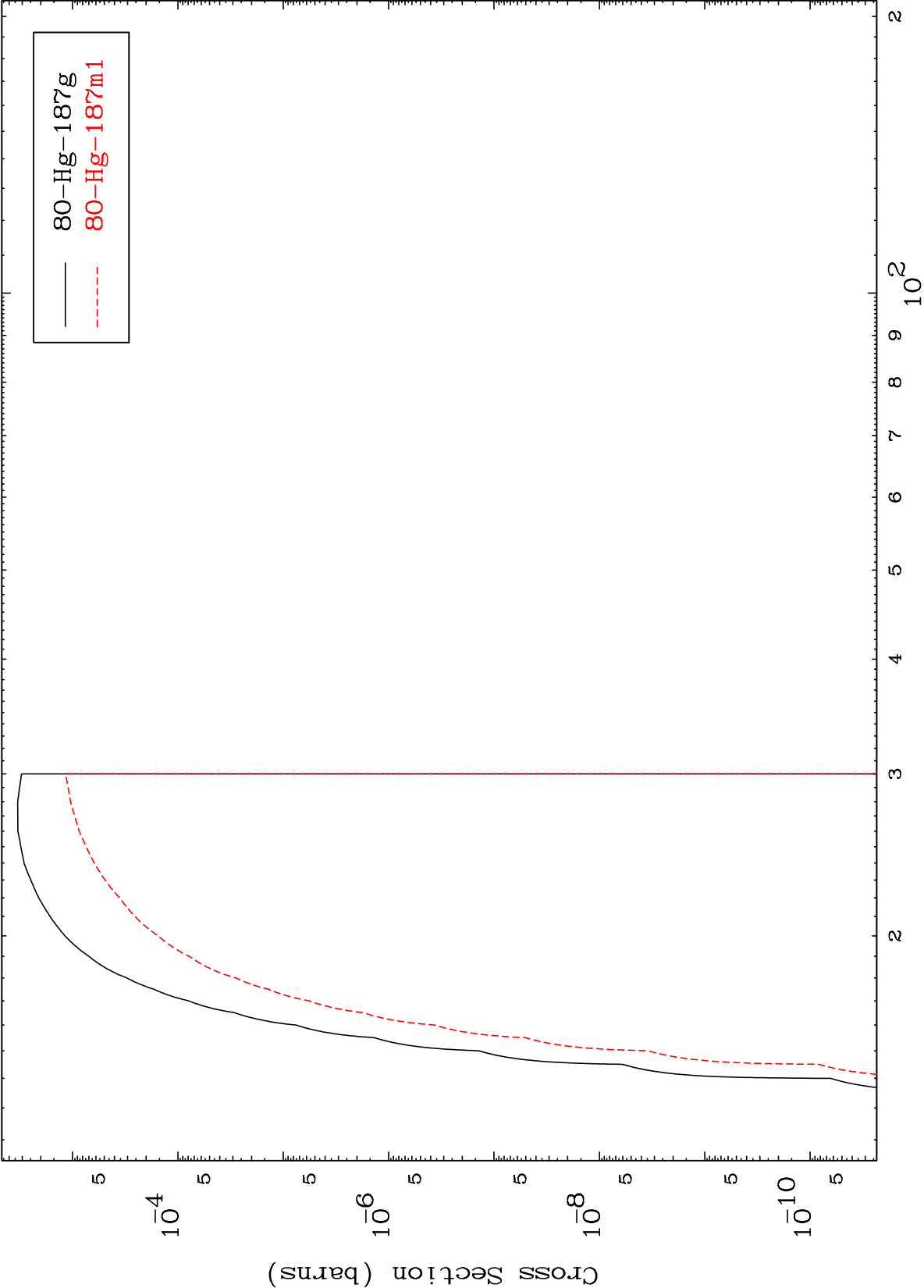


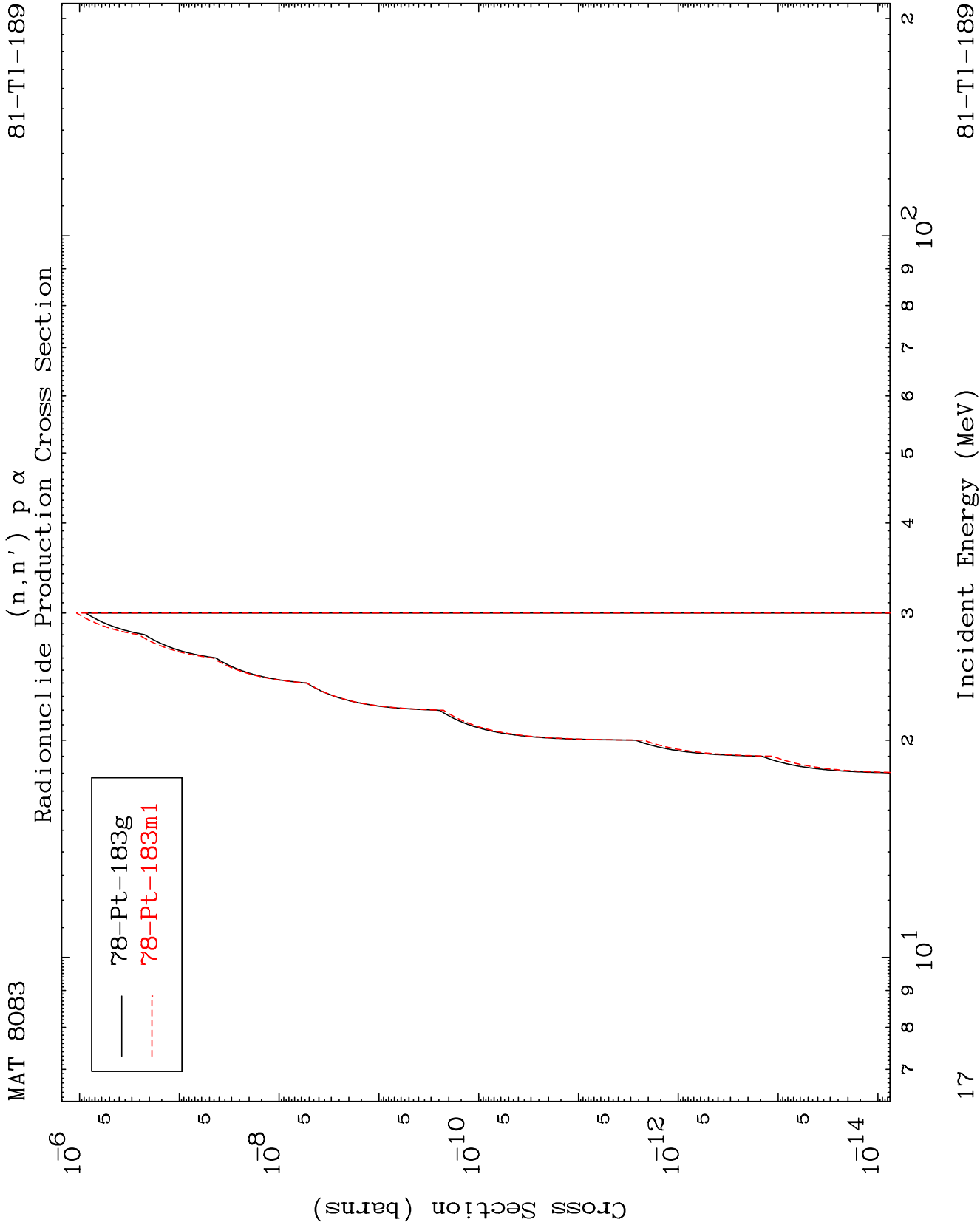
Incident Energy (MeV)

81-Tl-189



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



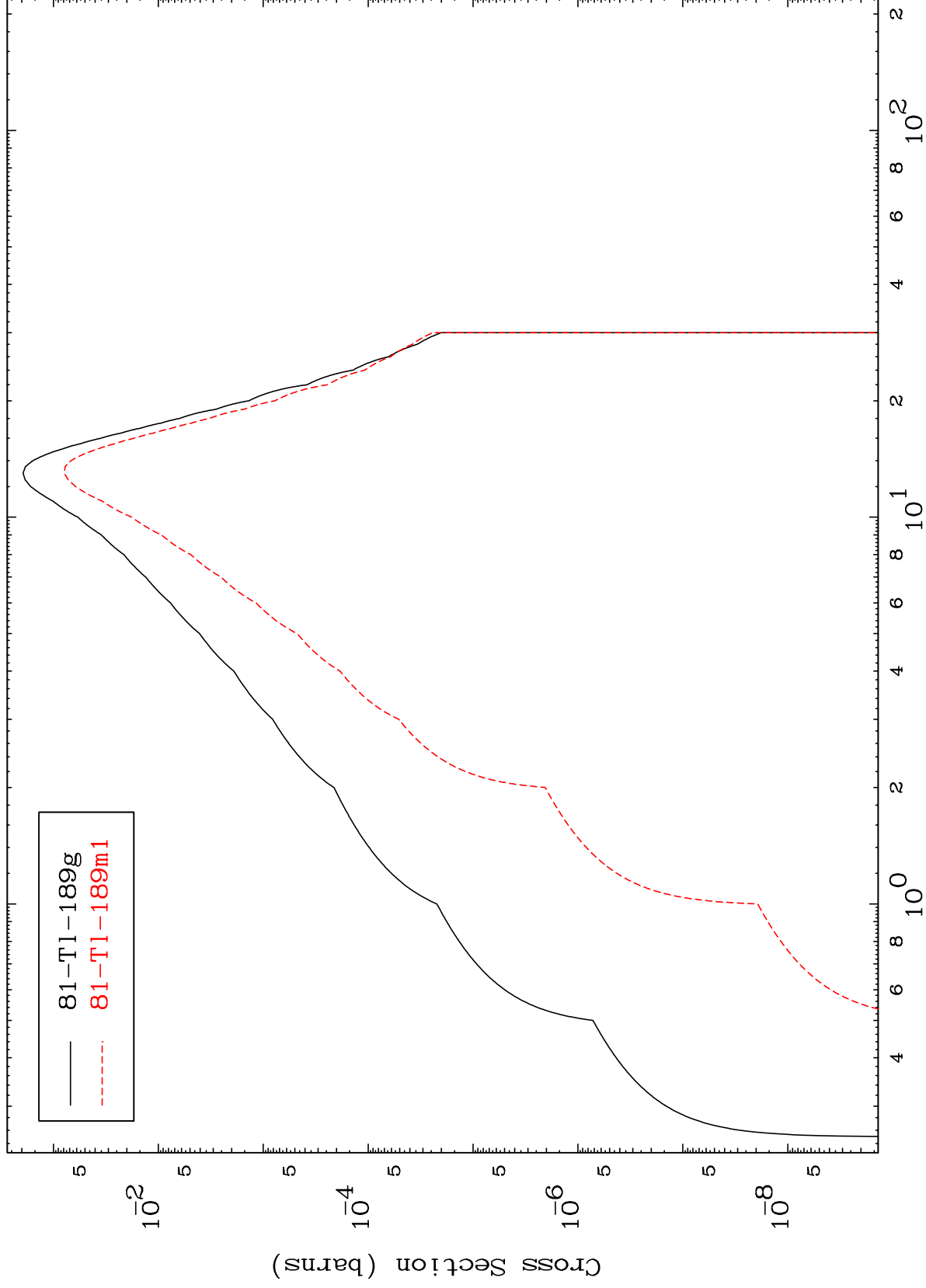


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81-Tl-189

Radionuclide Production Cross Section

(n,  $\gamma$ )



18

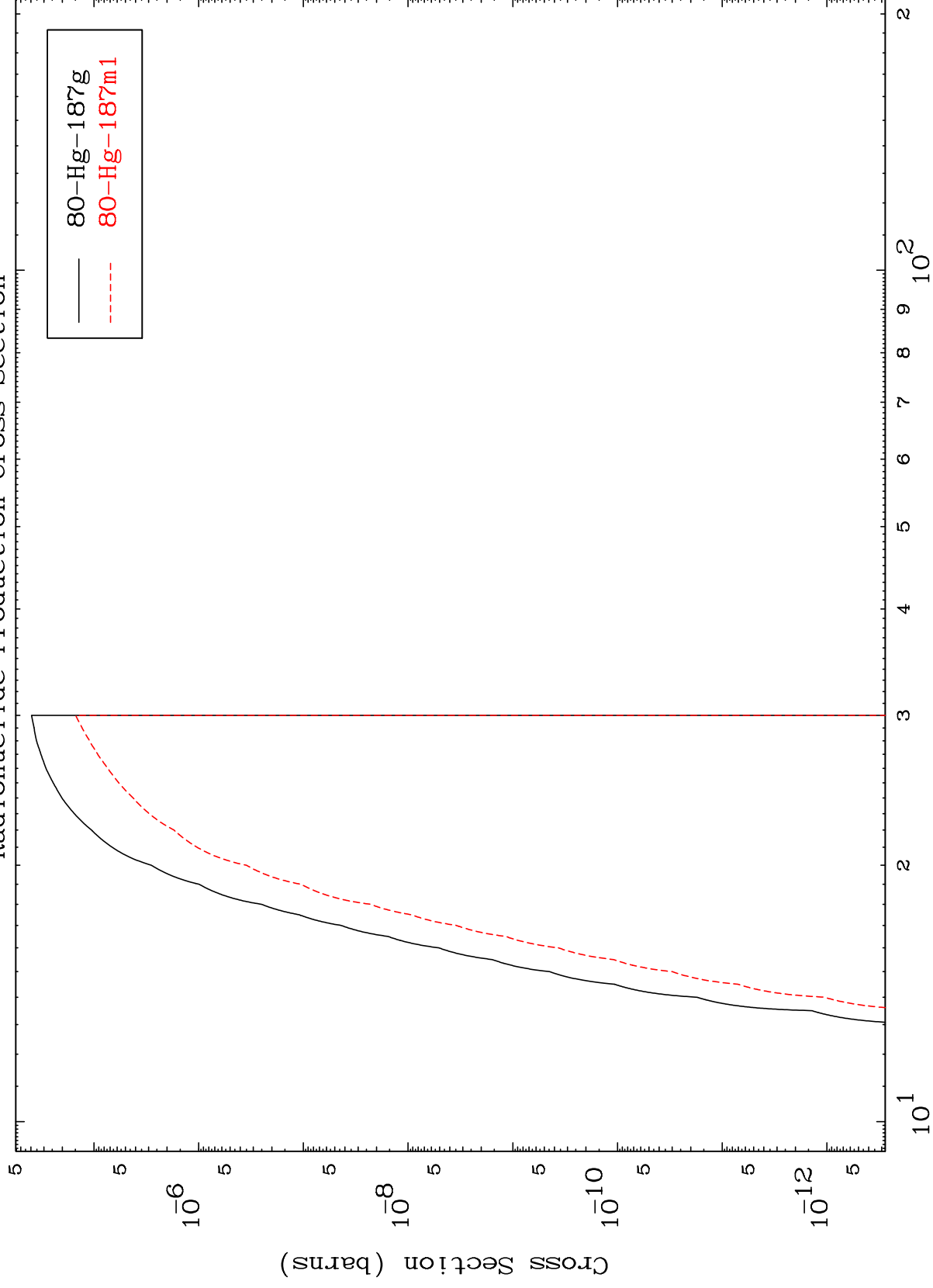
Incident Energy (MeV)

81-Tl-189

MAT 8083

81-Tl-189

(n,d)  
Radionuclide Production Cross Section



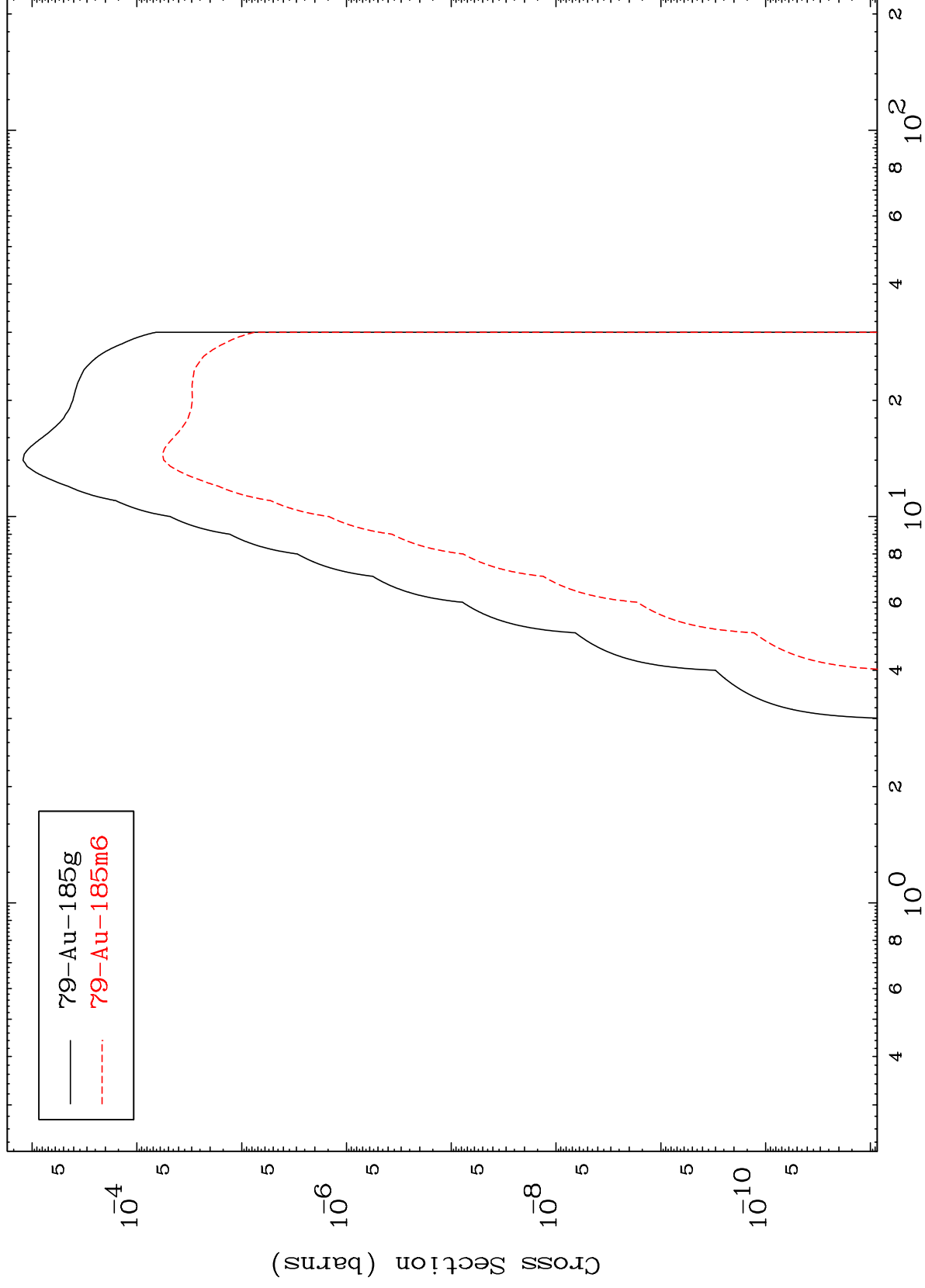
Incident Energy (MeV)

81-Tl-189

MAT 8083

81-Tl-189

Radionuclide Production Cross Section



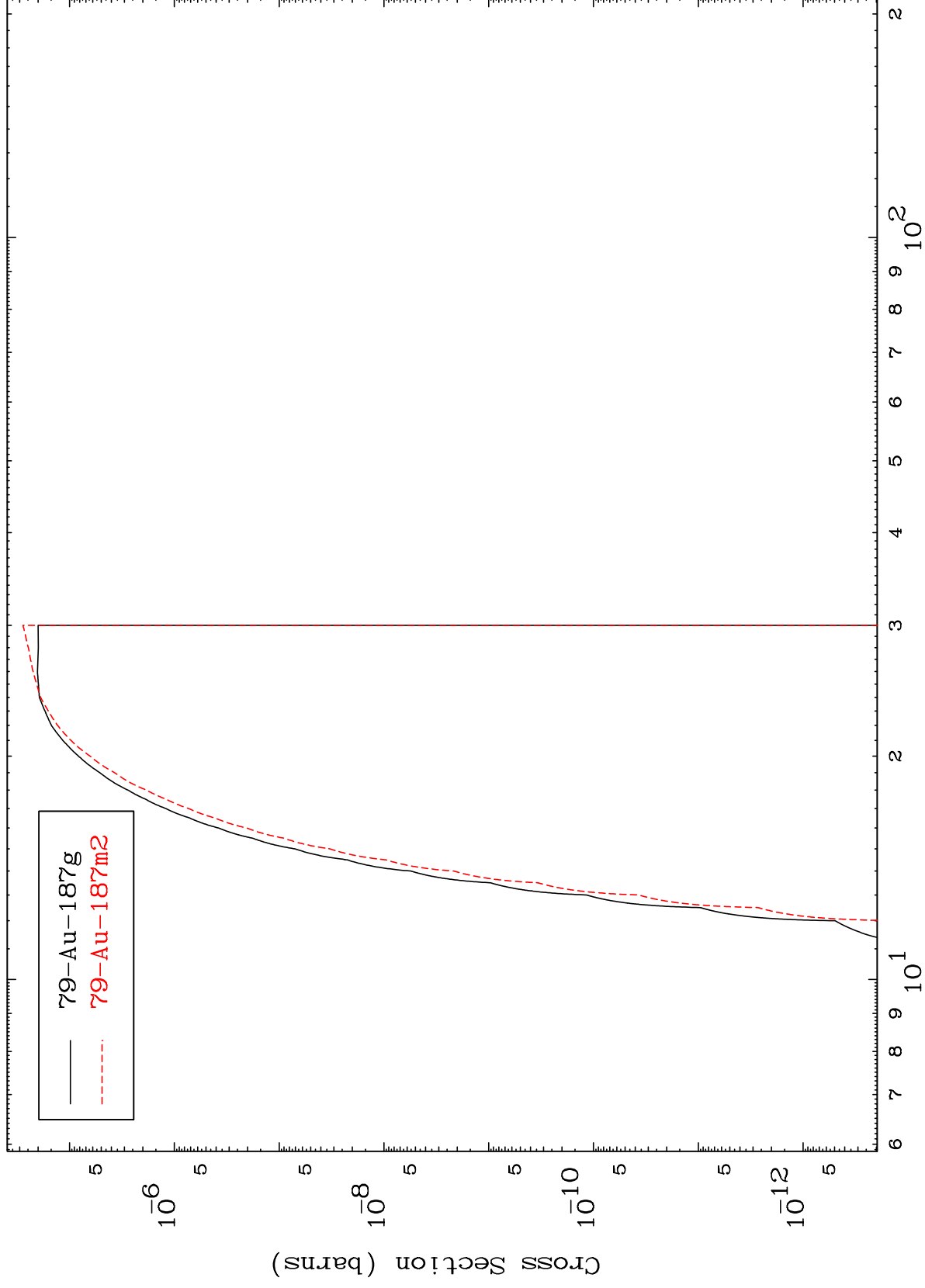
20

81-Tl-189

MAT 8083

81-Tl-189

Radionuclide Production Cross Section



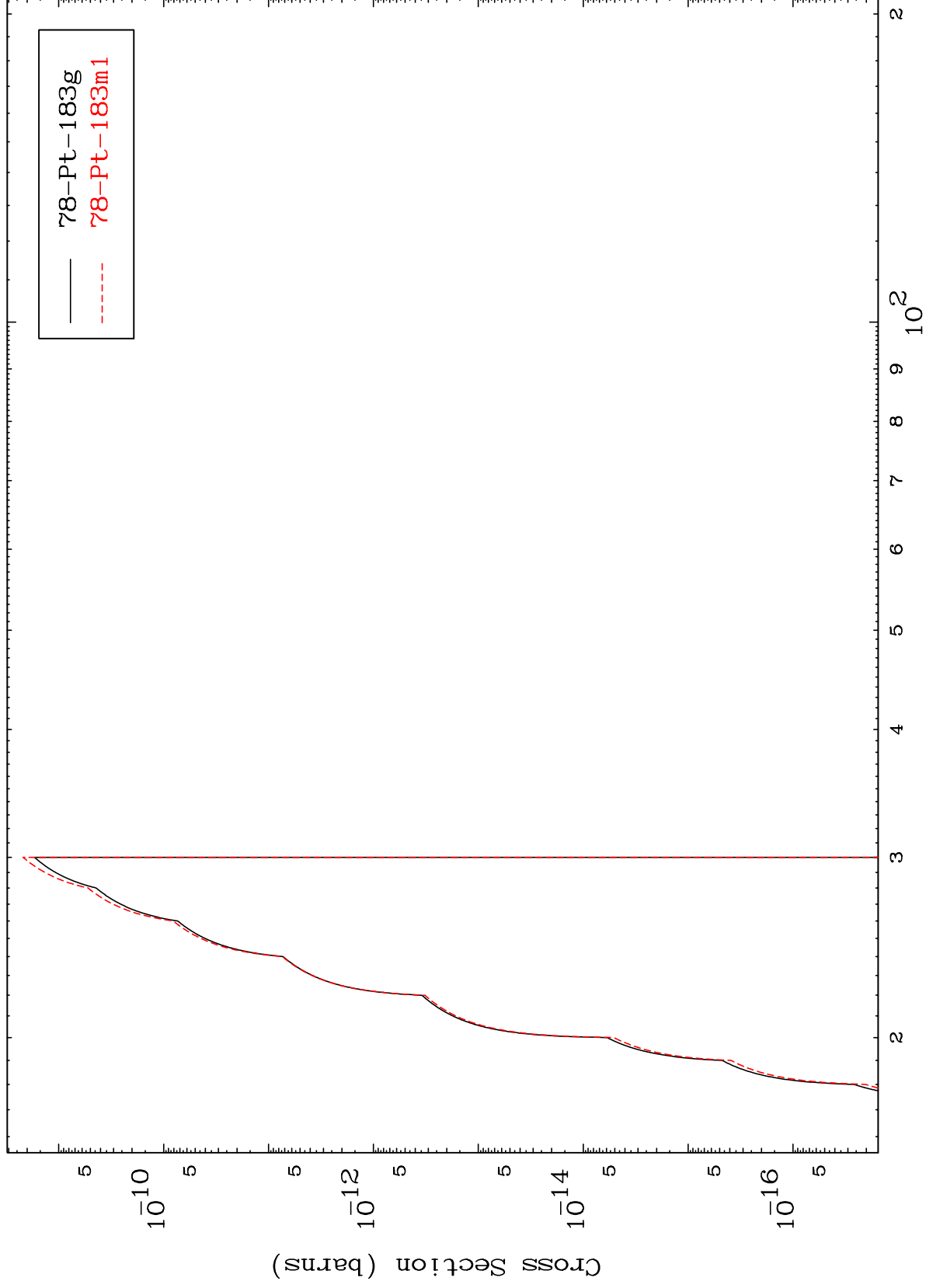
21

81-Tl-189

MAT 8083

81-Tl-189

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



22

Incident Energy (MeV)

81-Tl-189