

Program EVALPLOT  
(Version 2021-1)

by

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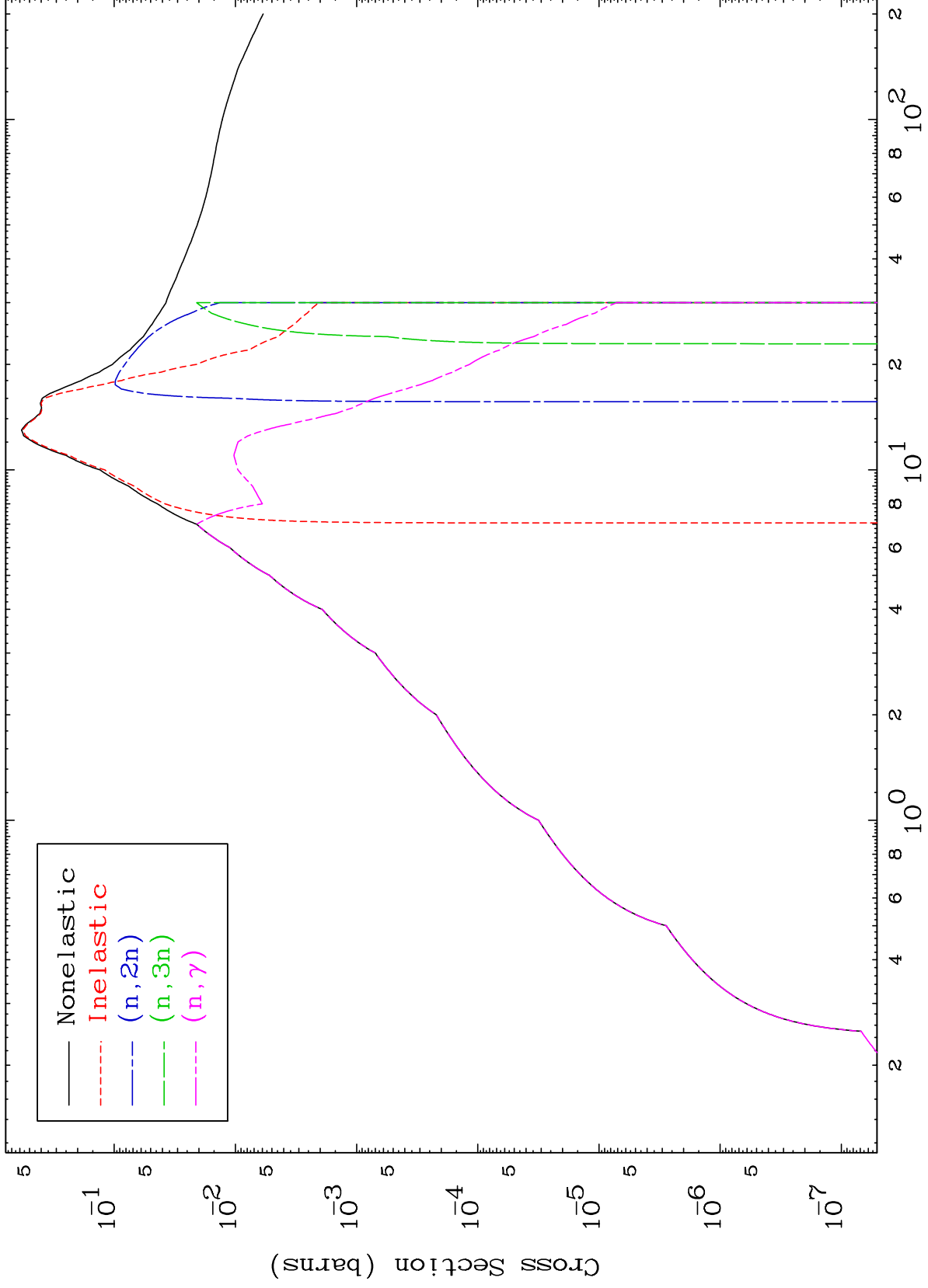
Press Mouse Button to Start

MAT 81116

Photon Major

81-Tl-200

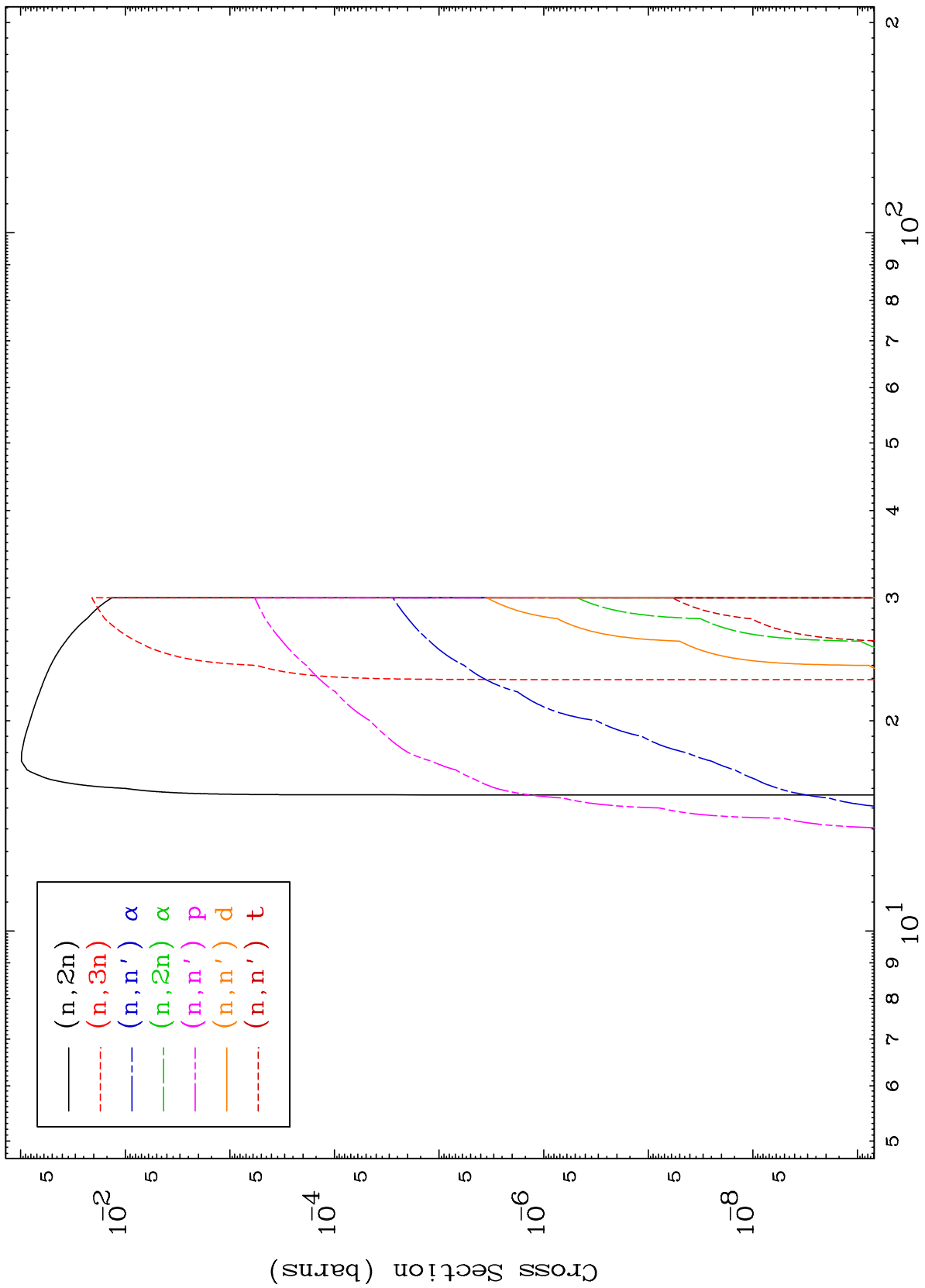
0 Kelvin Cross Sections



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Photon Neutron Absorption  
0 Kelvin Cross Sections

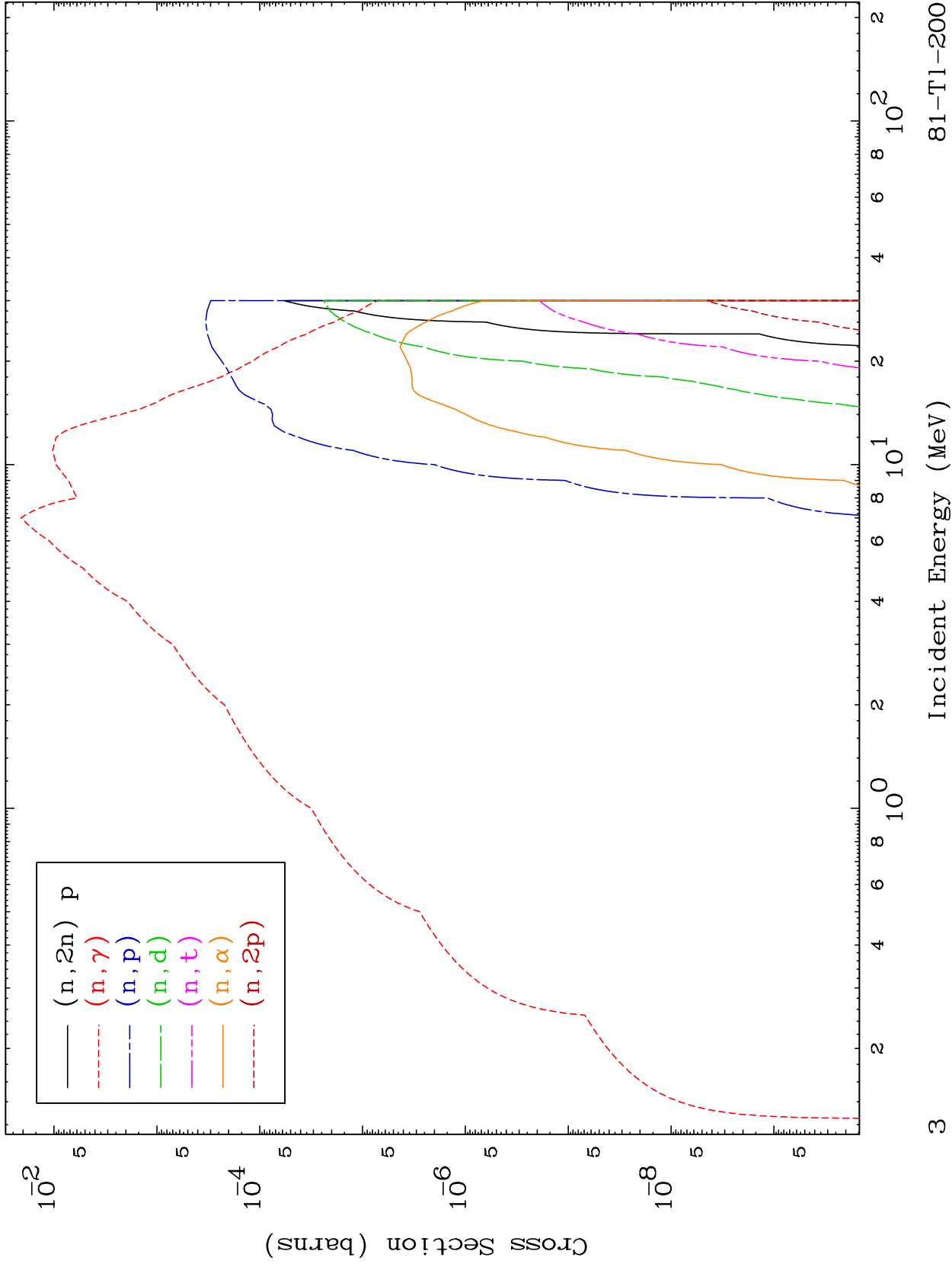
81-T1-200



2

Incident Energy (MeV)

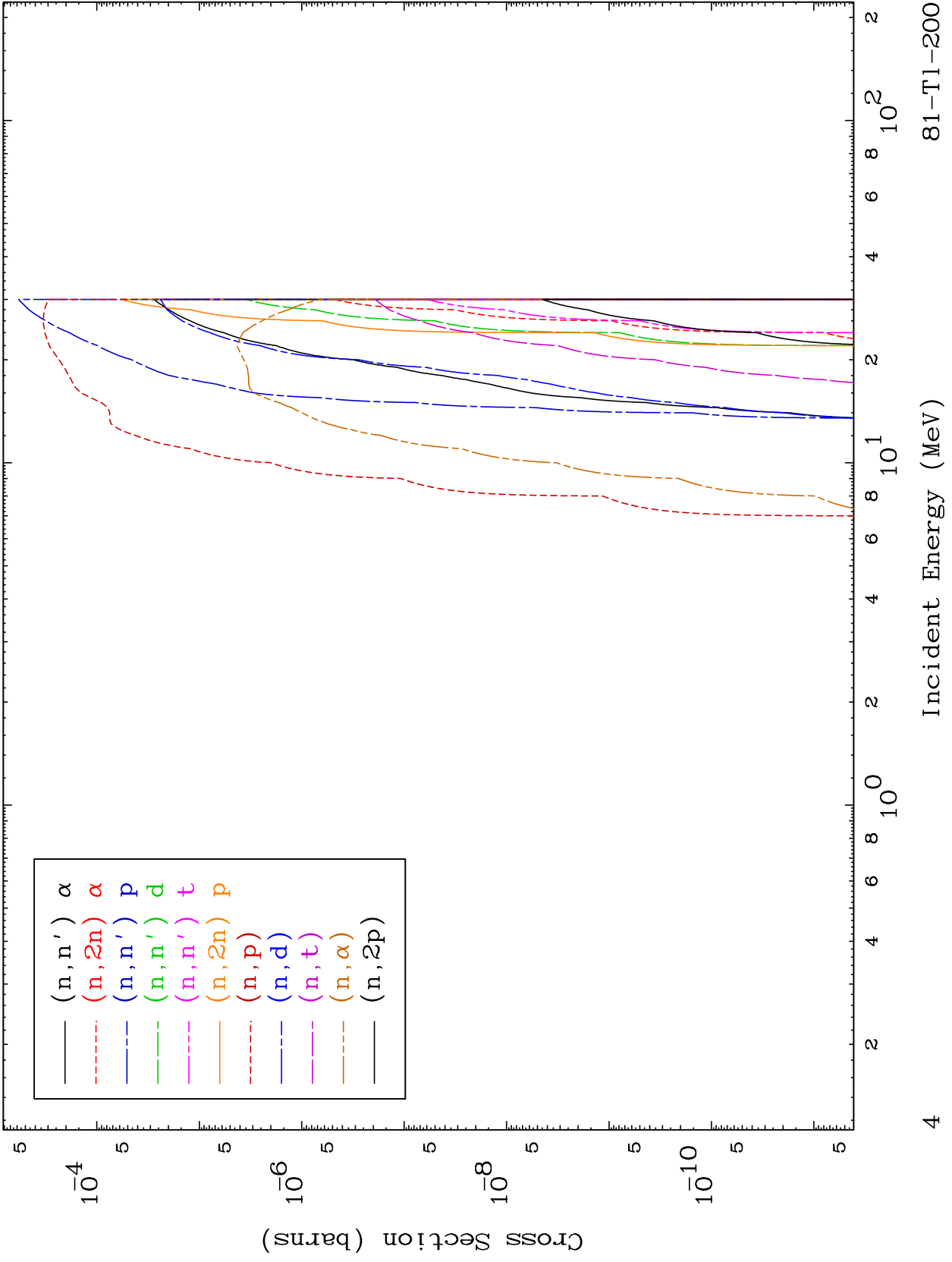
81-T1-200



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Photon Charged Particle  
0 Kelvin Cross Sections

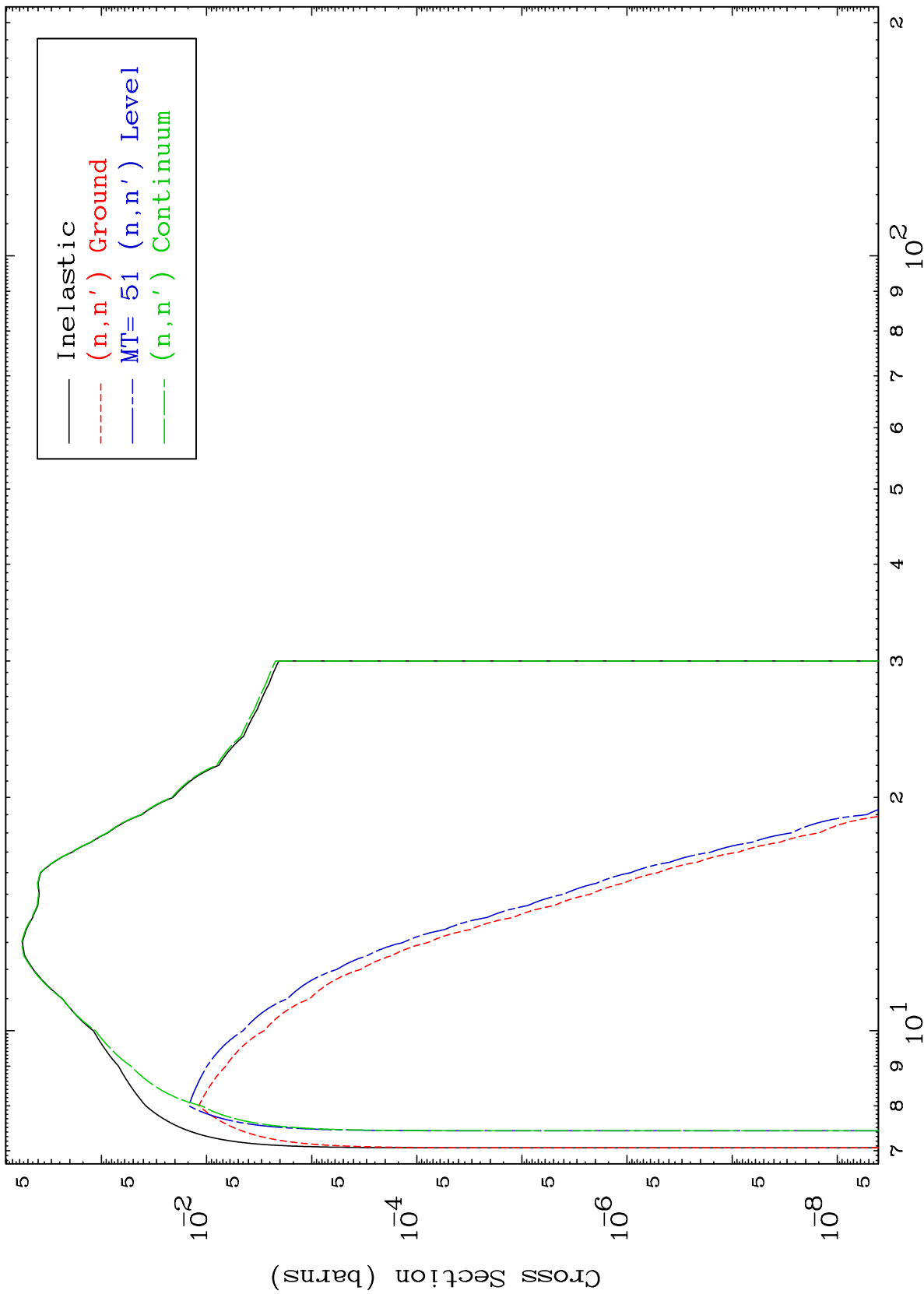
81-Tl-200



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81-T1-200

( $\gamma, n'$ ) Levels  
0 Kelvin Cross Sections



81-T1-200

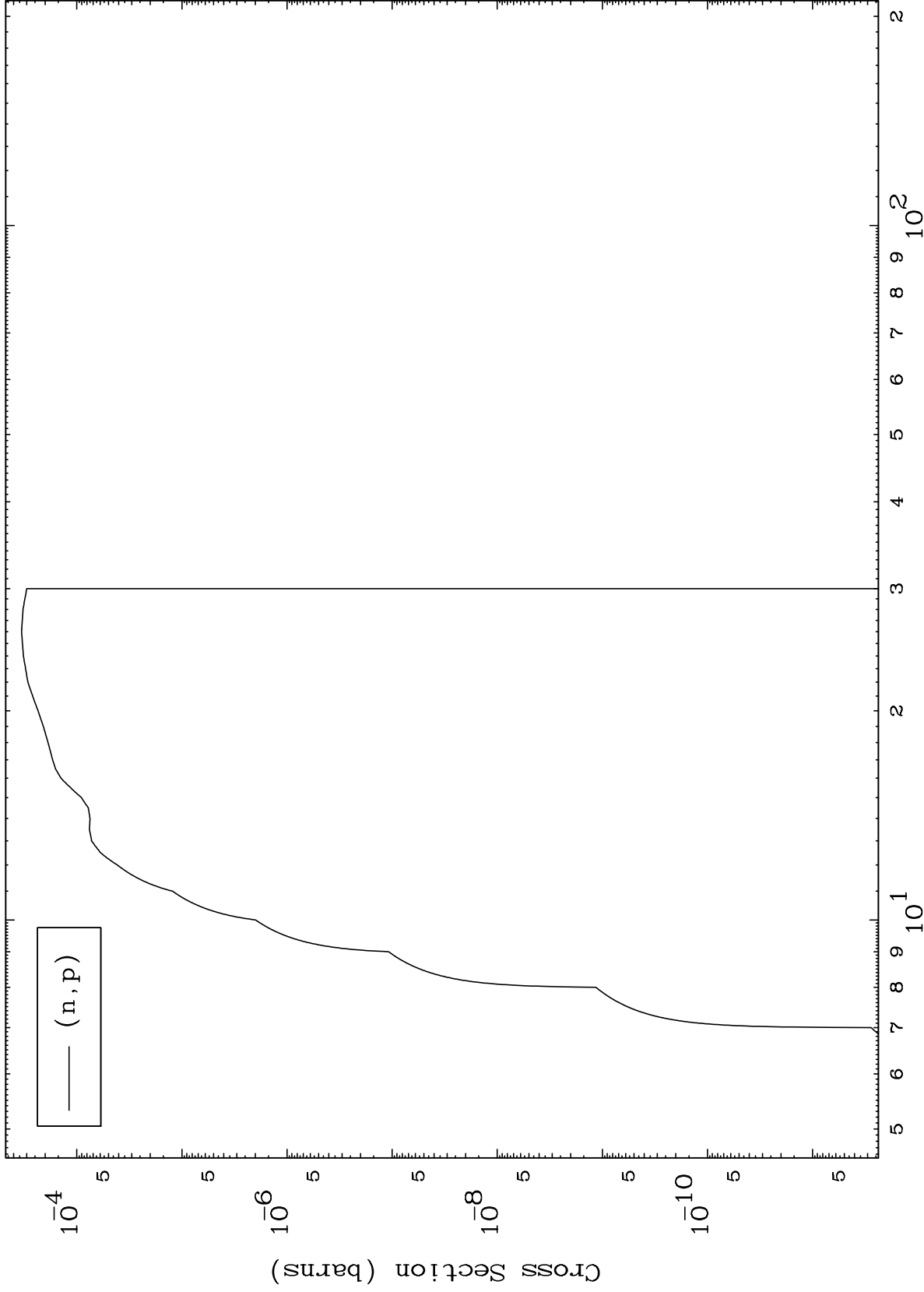
Incident Energy (MeV)

5

MAT 81116

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

81-Tl-200



6

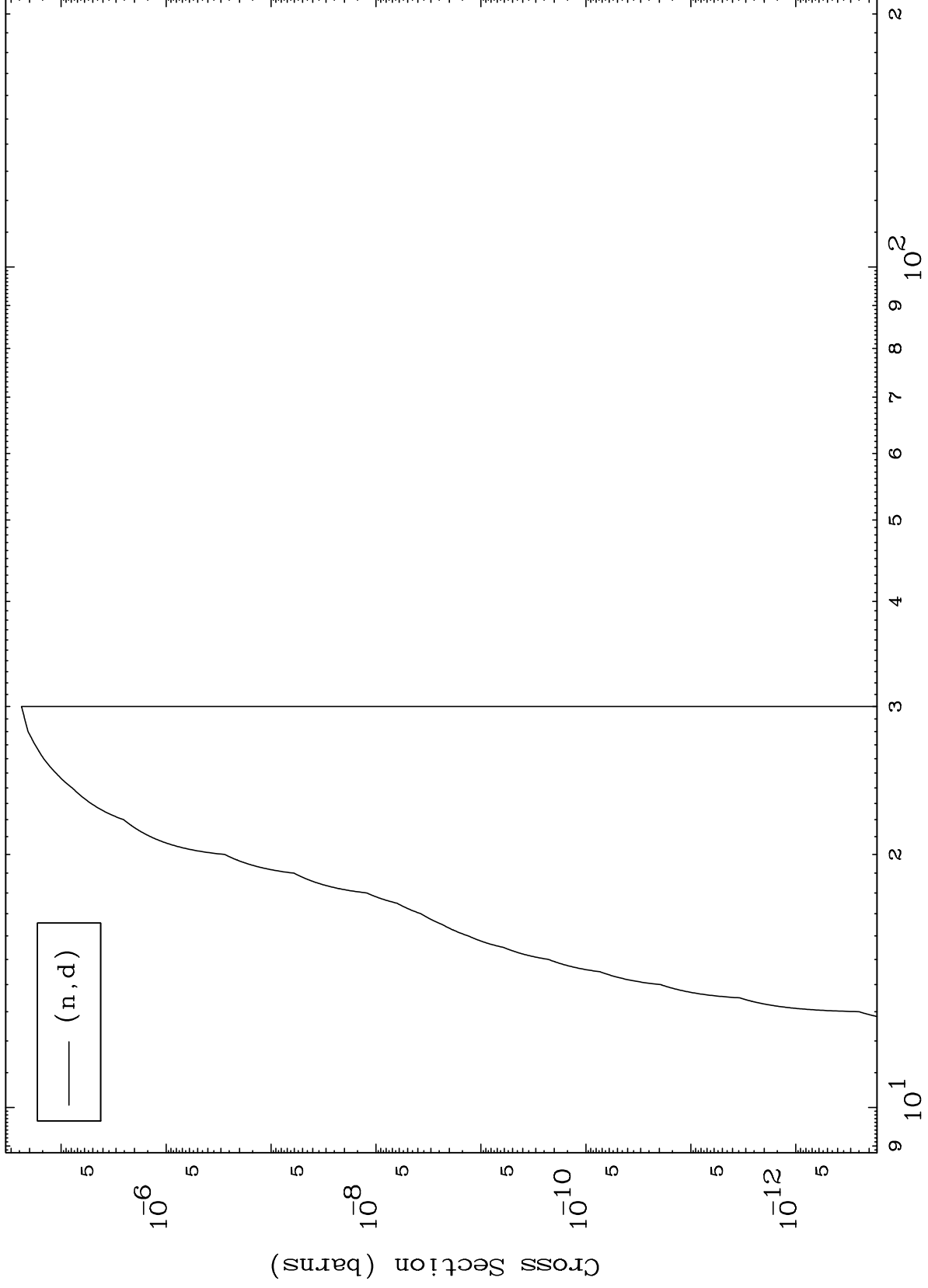
Incident Energy (MeV)

81-Tl-200

MAT 81116

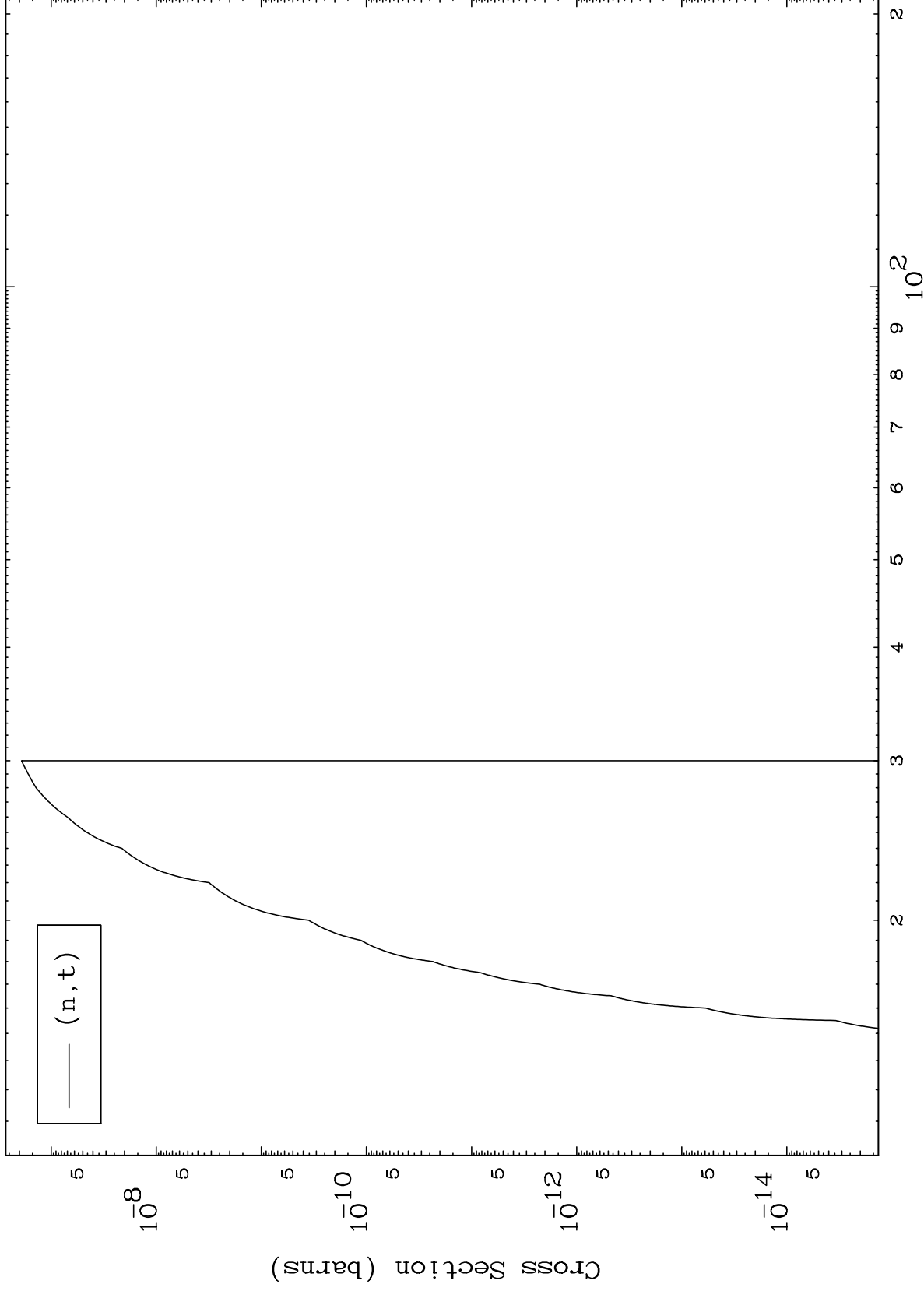
( $\gamma, d$ ) Levels  
0 Kelvin Cross Sections

81-Tl-200



Incident Energy (MeV)

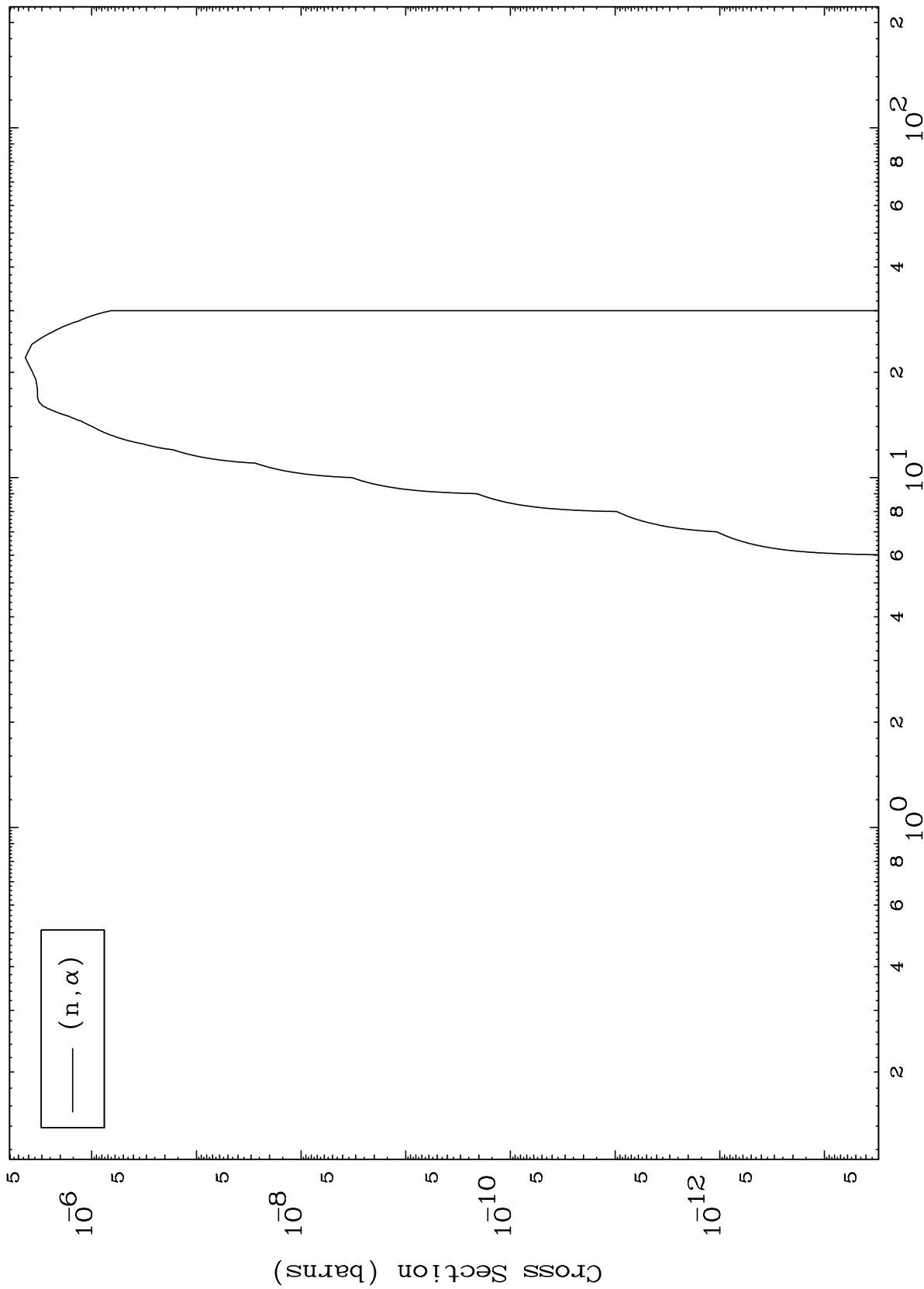
81-Tl-200



MAT 81116

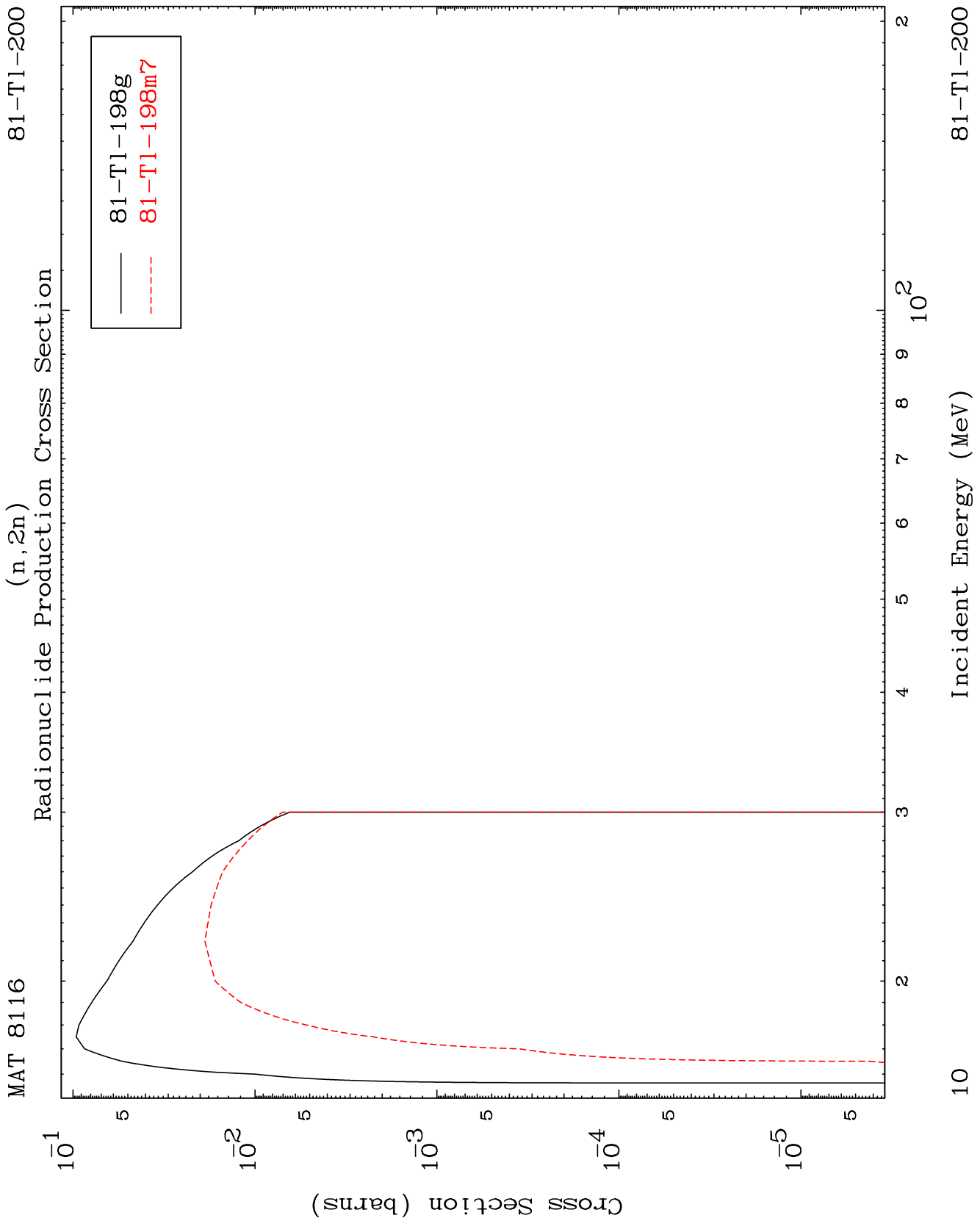
81-Tl-200

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



81-Tl-200

Incident Energy (MeV)

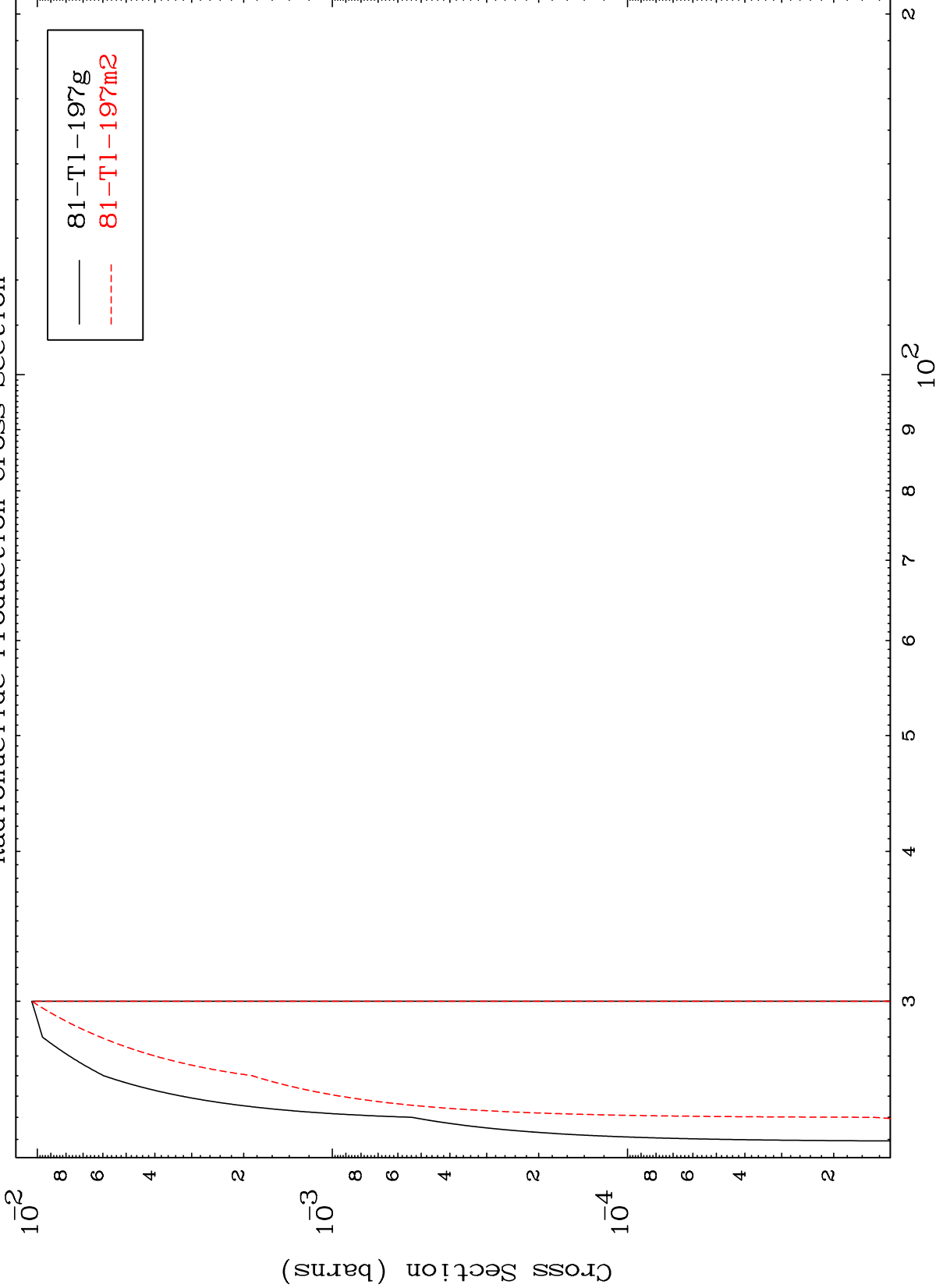


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(n,3n)

81-Tl-200

Radionuclide Production Cross Section



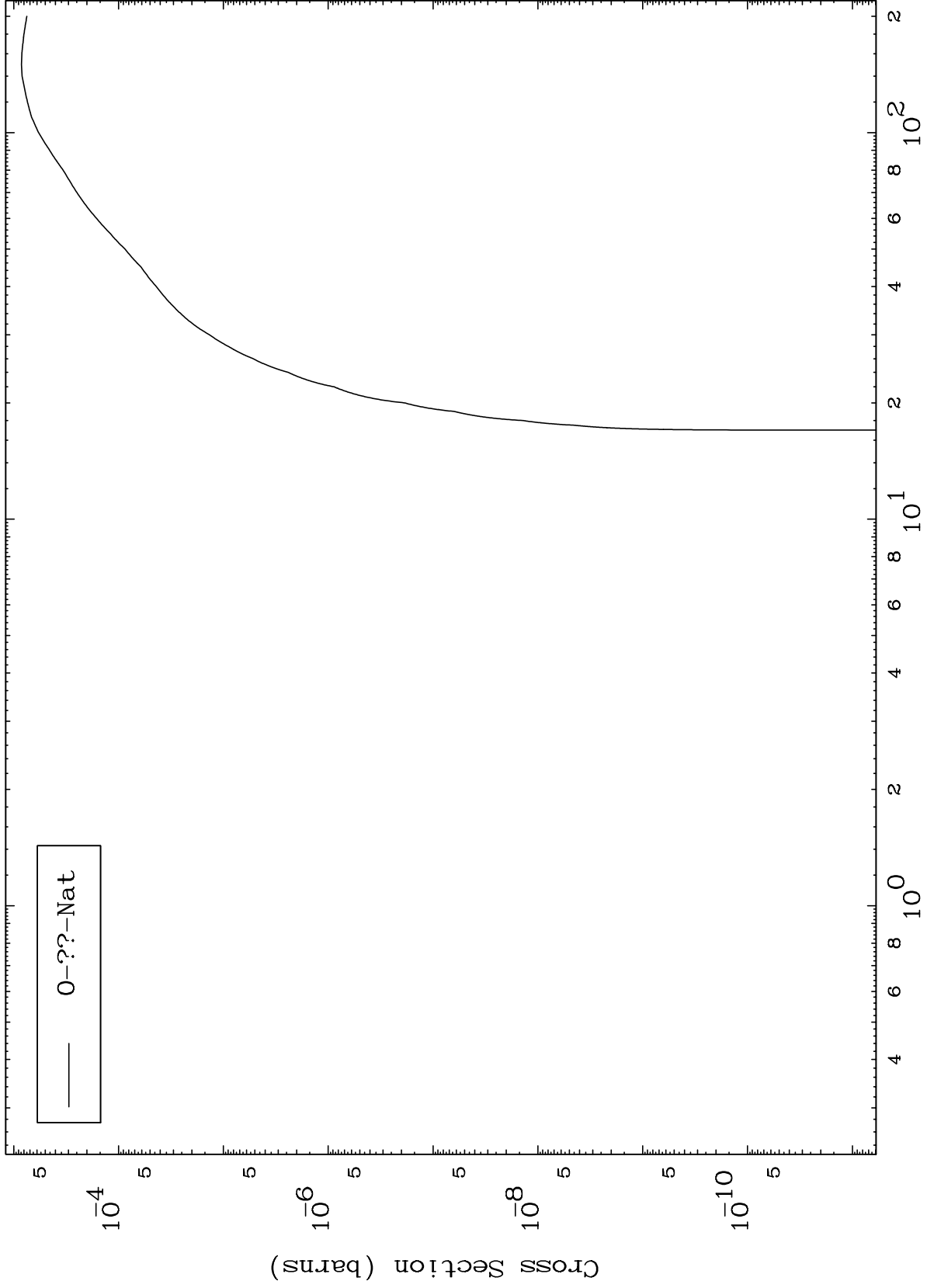
81-Tl-197g  
81-Tl-197m2

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Fission

81-Tl-200

Radionuclide Production Cross Section



12

Incident Energy (MeV)

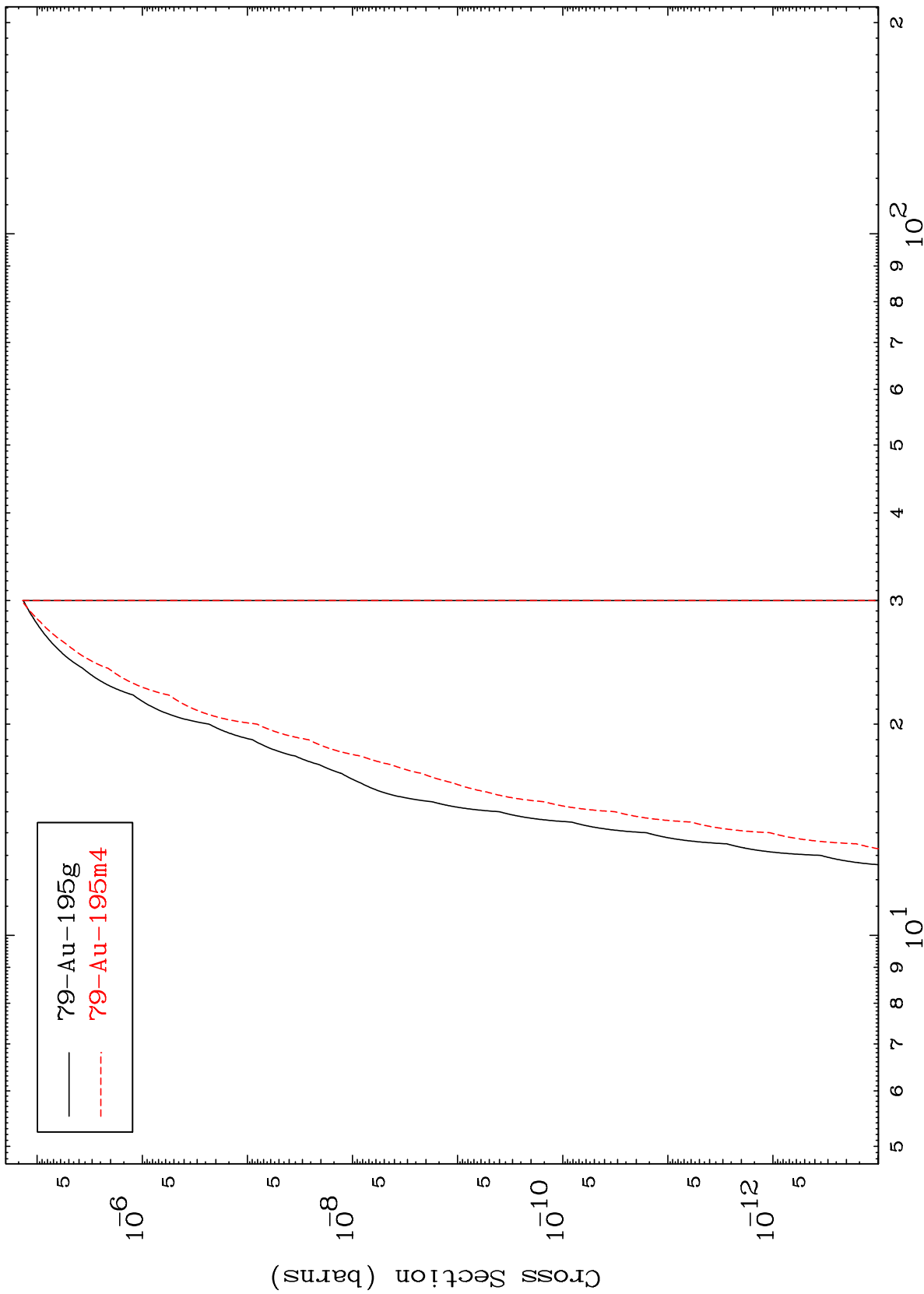
81-Tl-200

MAT 81116

81-Tl-200

(n,n')  $\alpha$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

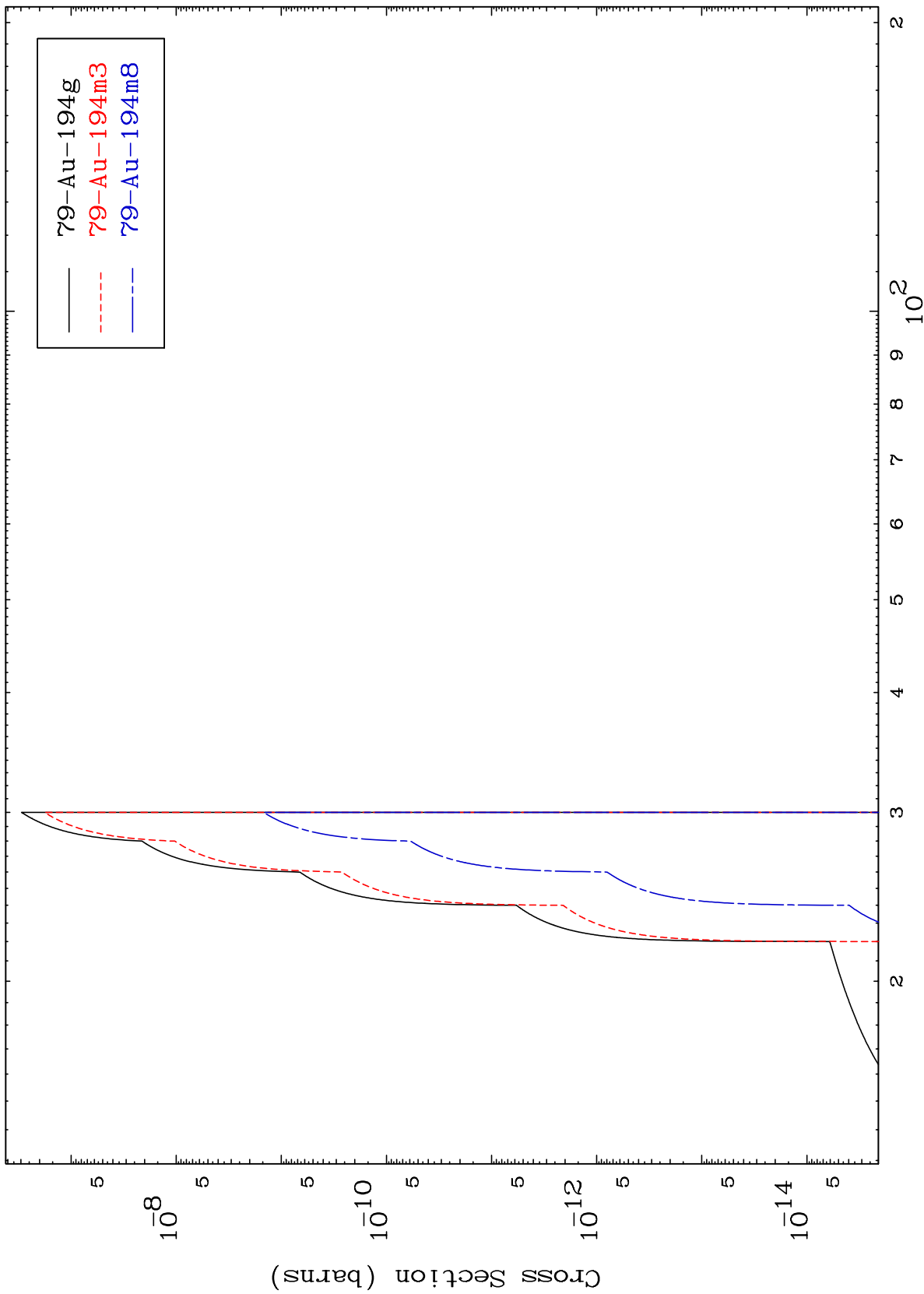
81-Tl-200

MAT 81116

(n,2n)  $\alpha$

81-Tl-200

Radionuclide Production Cross Section



14

Incident Energy (MeV)

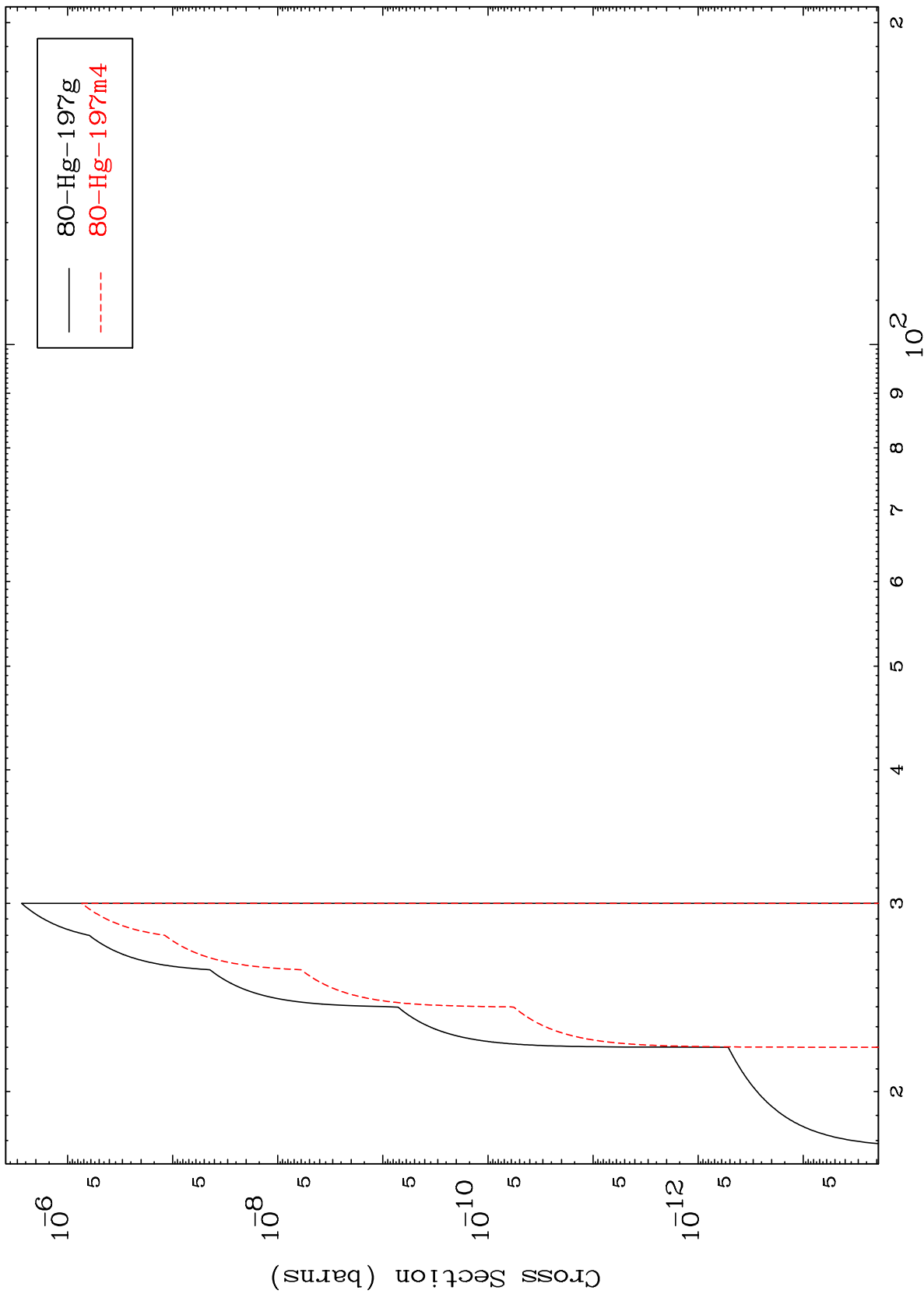
81-Tl-200

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(n,n') d

81-Tl-200

Radionuclide Production Cross Section



15

Incident Energy (MeV)

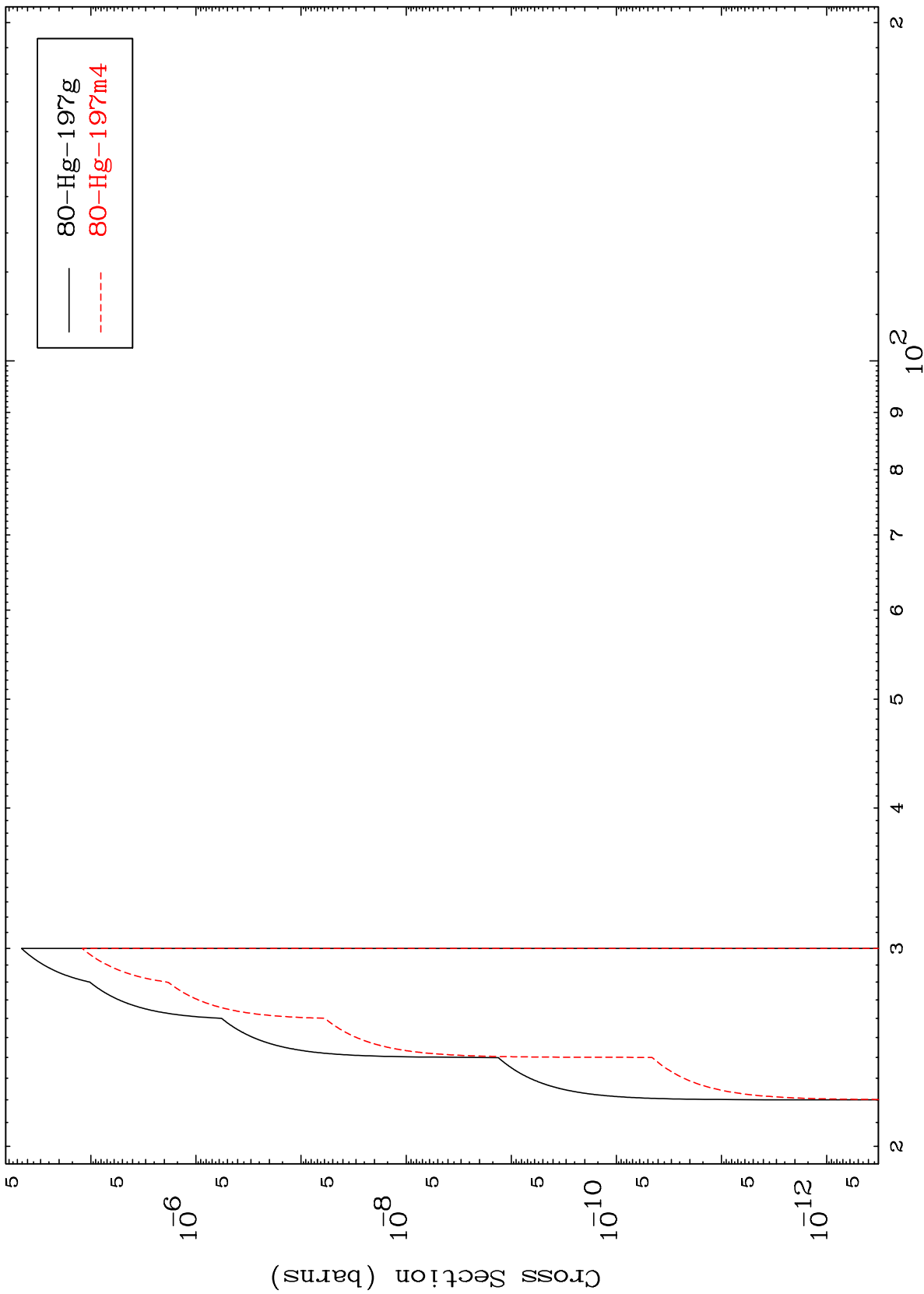
81-Tl-200

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(n,2n) p

81-Tl-200

Radionuclide Production Cross Section



16

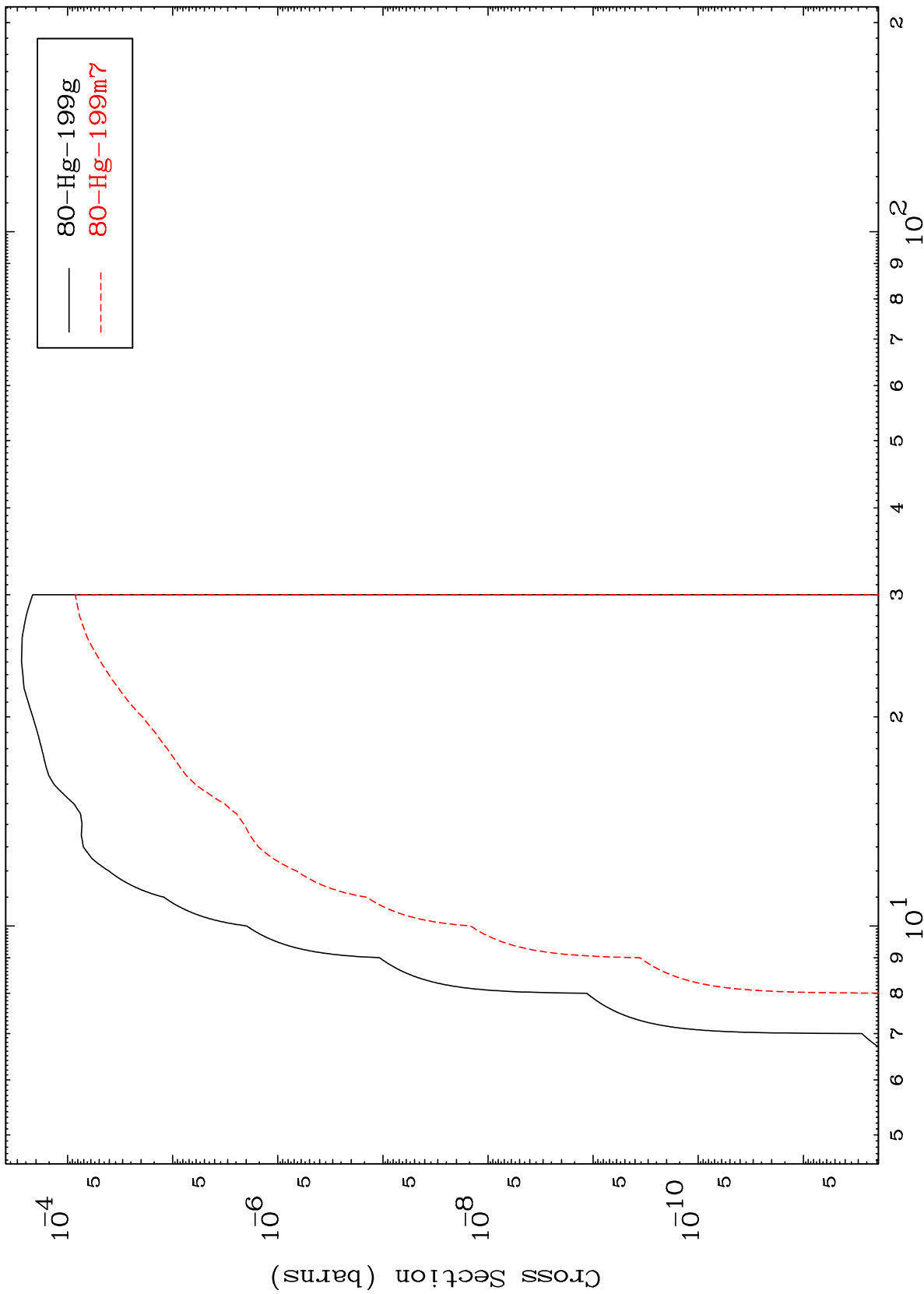
Incident Energy (MeV)

81-Tl-200

MAT 81116

81-Tl-200

(n,p)  
Radionuclide Production Cross Section



17

Incident Energy (MeV)

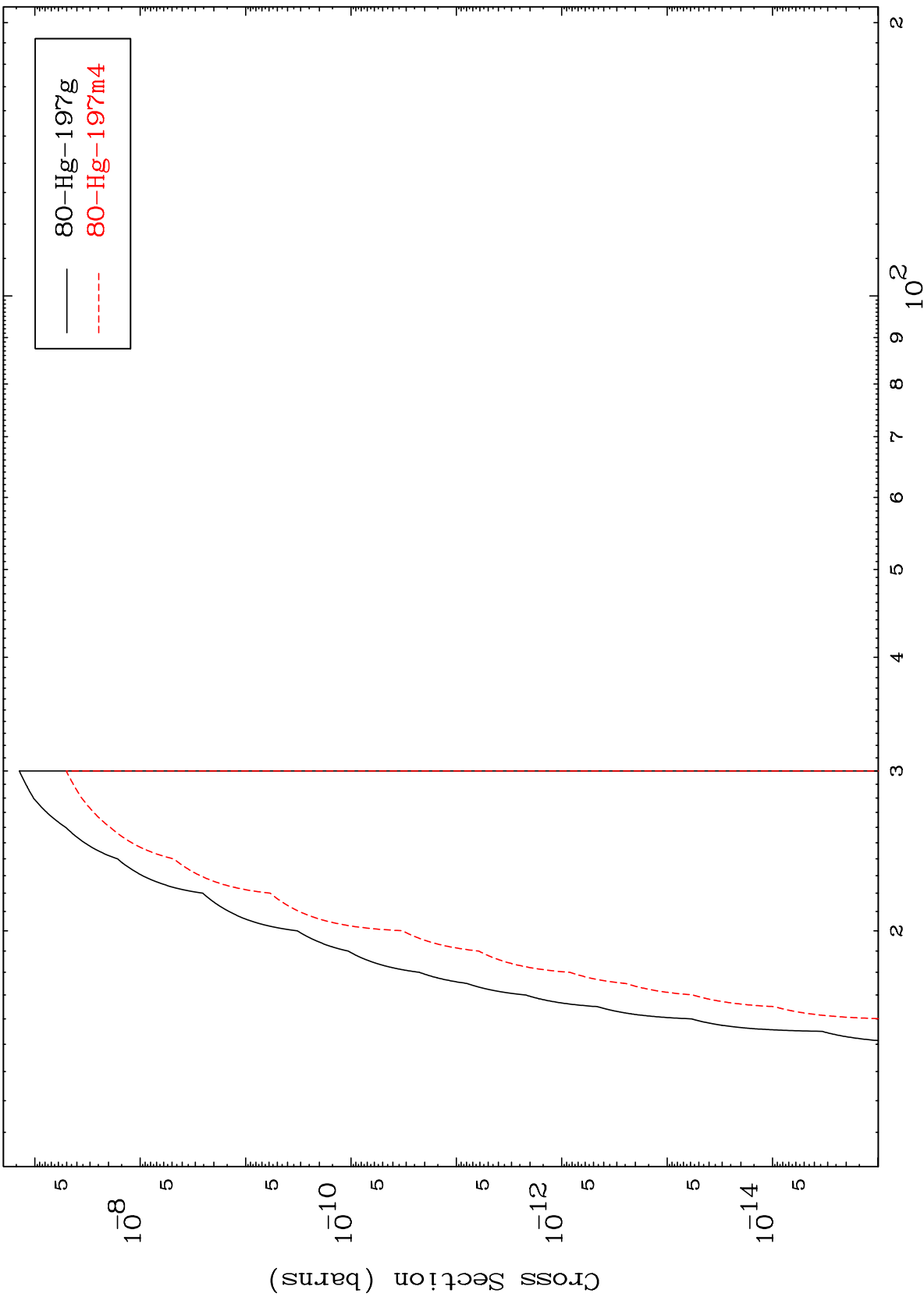
81-Tl-200

MAT 81116

(n, t)

81-Tl-200

Radionuclide Production Cross Section



80-Hg-197g  
80-Hg-197m4

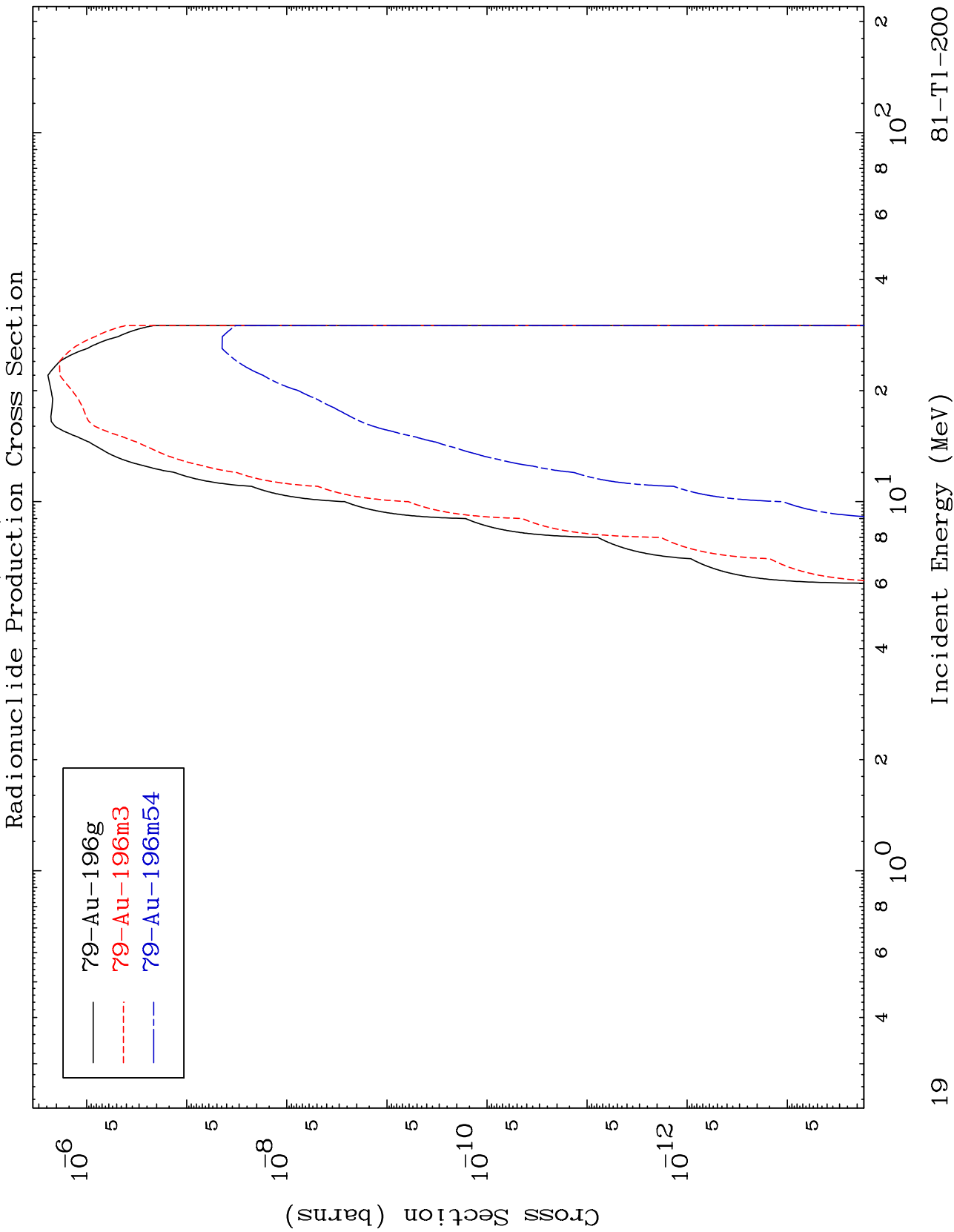
18

Incident Energy (MeV)

81-Tl-200

MAT 81116

81-Tl-200



(n,2p)  
Radionuclide Production Cross Section

