

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

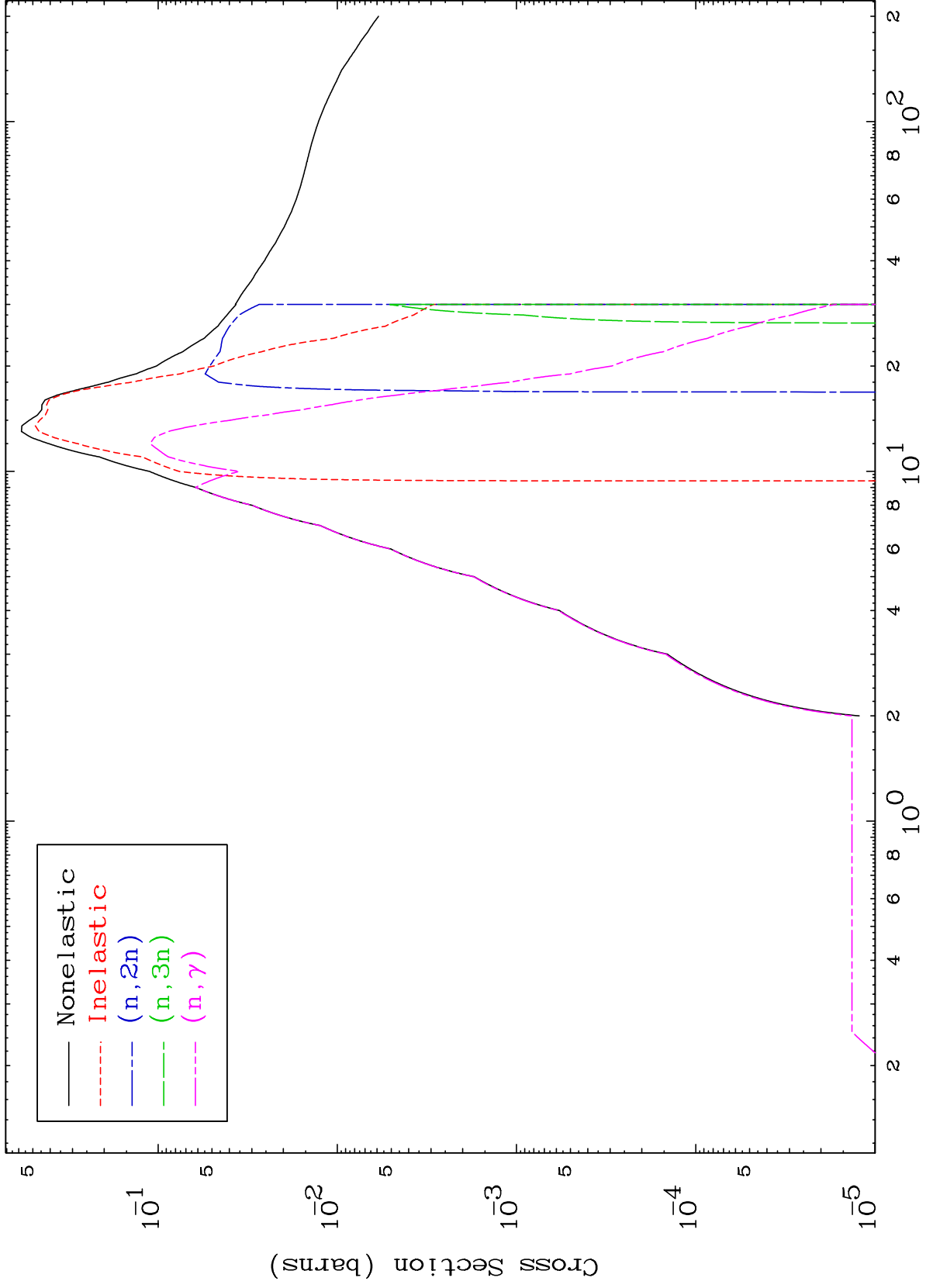
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

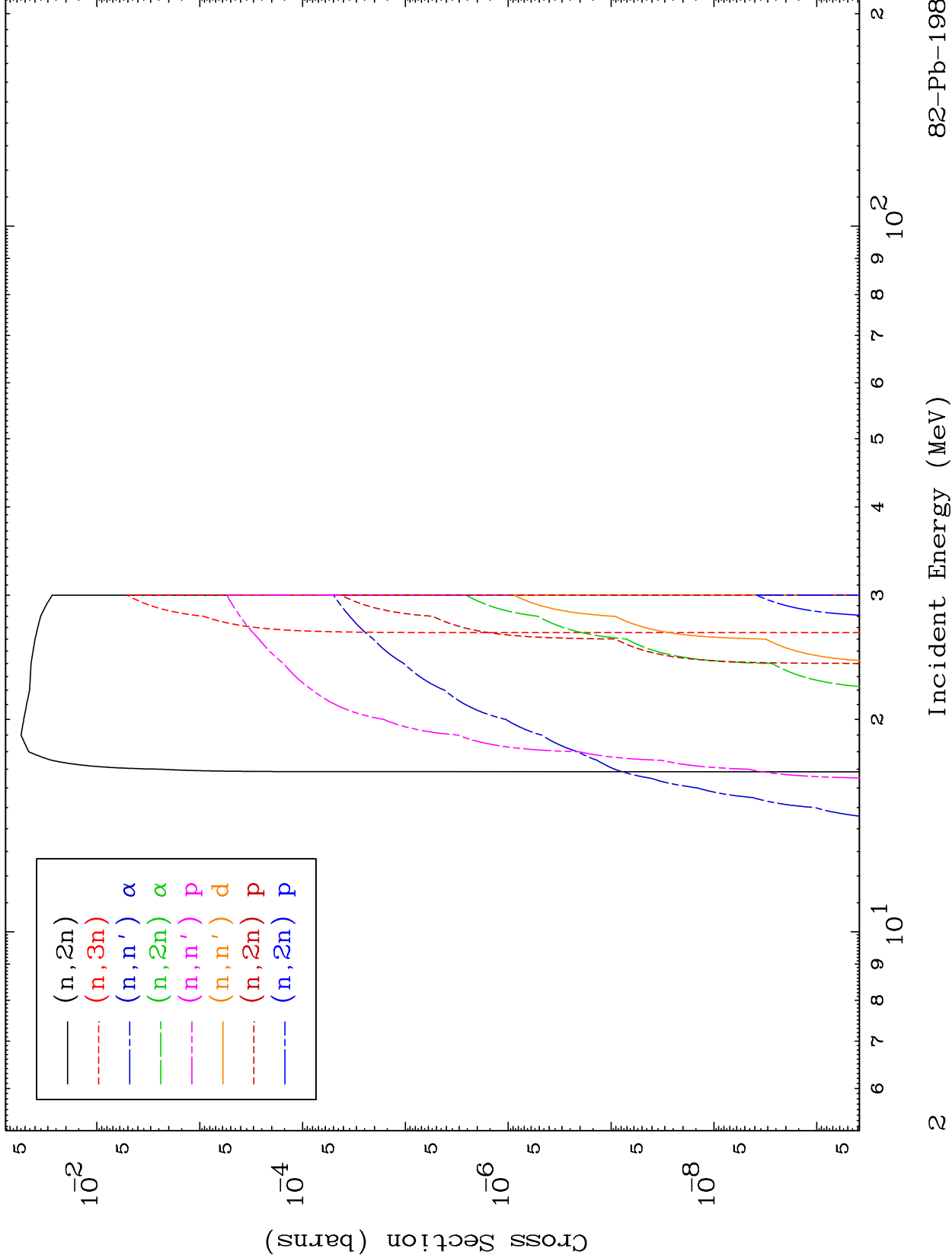
Tele: 925-443-1911

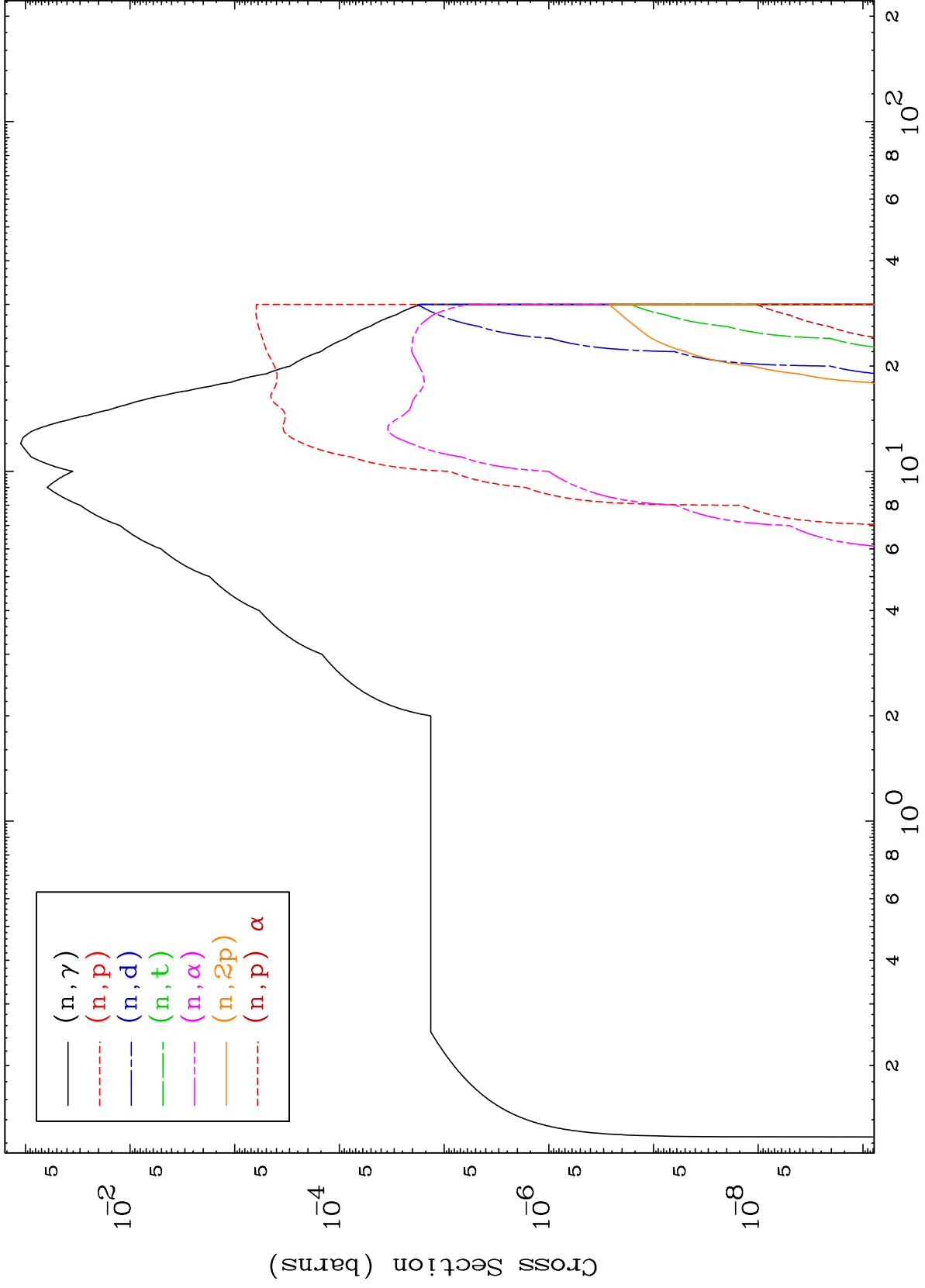
E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



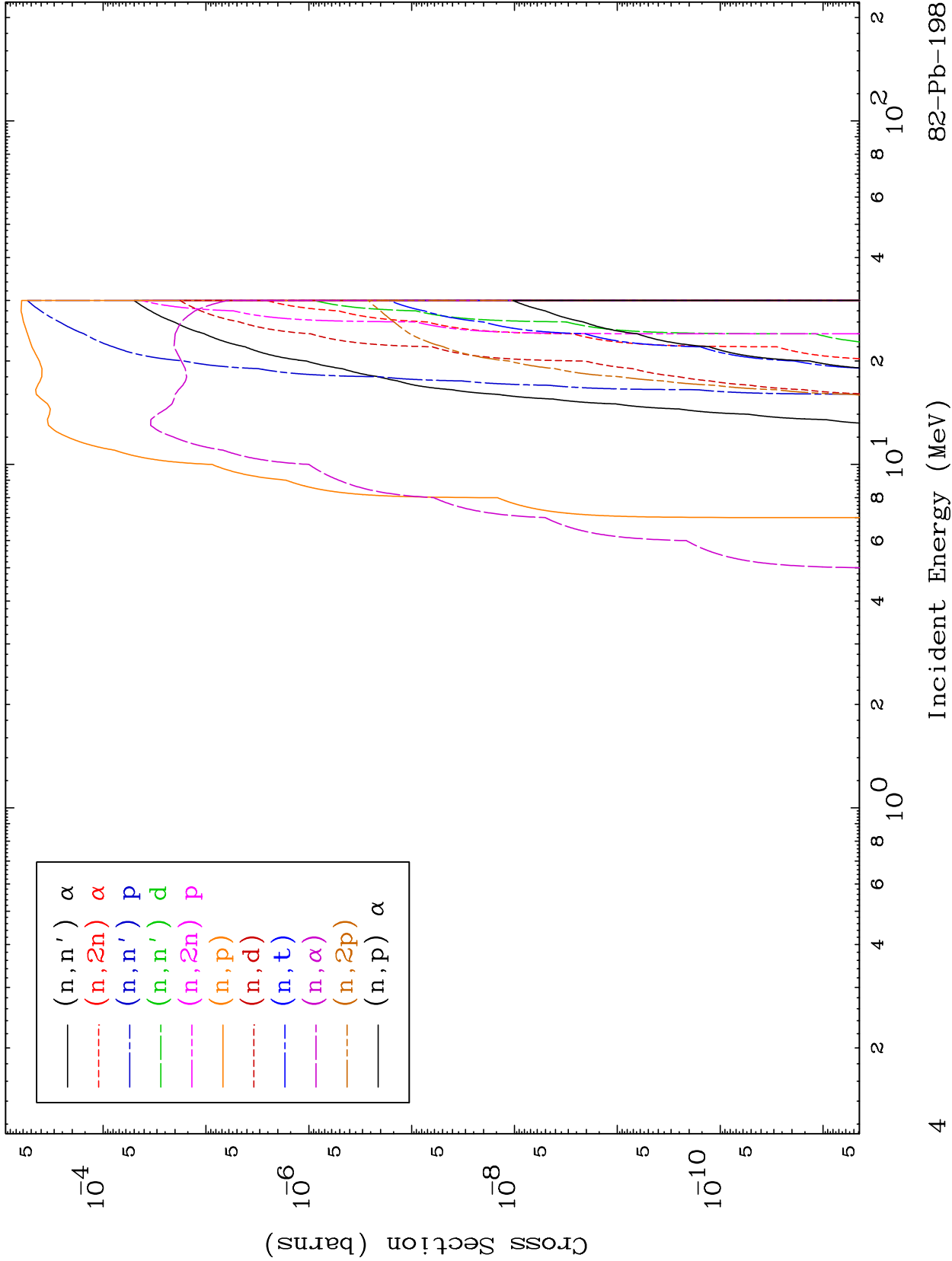




MAT 8207

Photon Charged Particle  
0 Kelvin Cross Sections

82-Pb-198

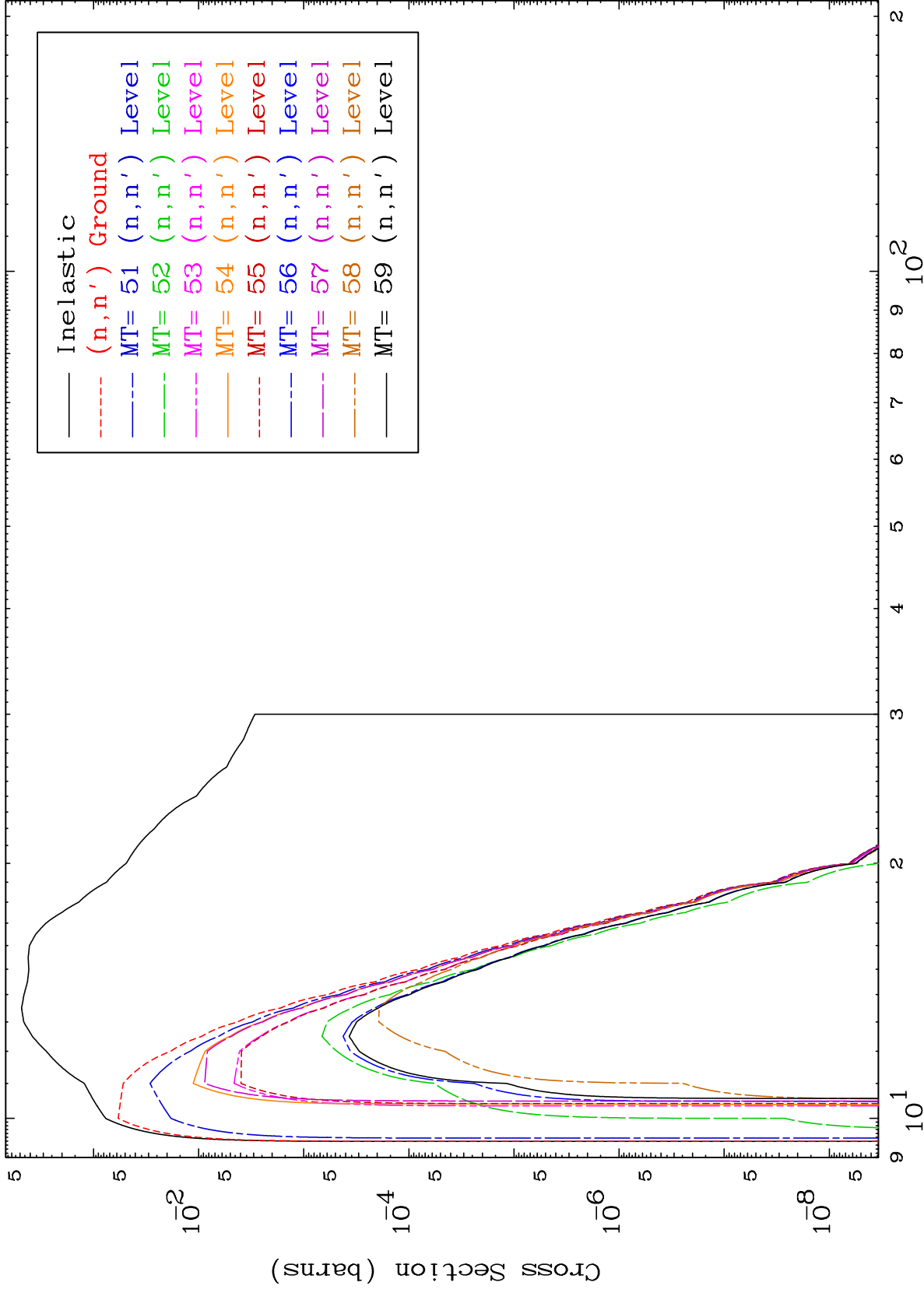


MAT 8207

( $\gamma, n'$ ) Levels

82-Pb-198

0 Kelvin Cross Sections



Incident Energy (MeV)

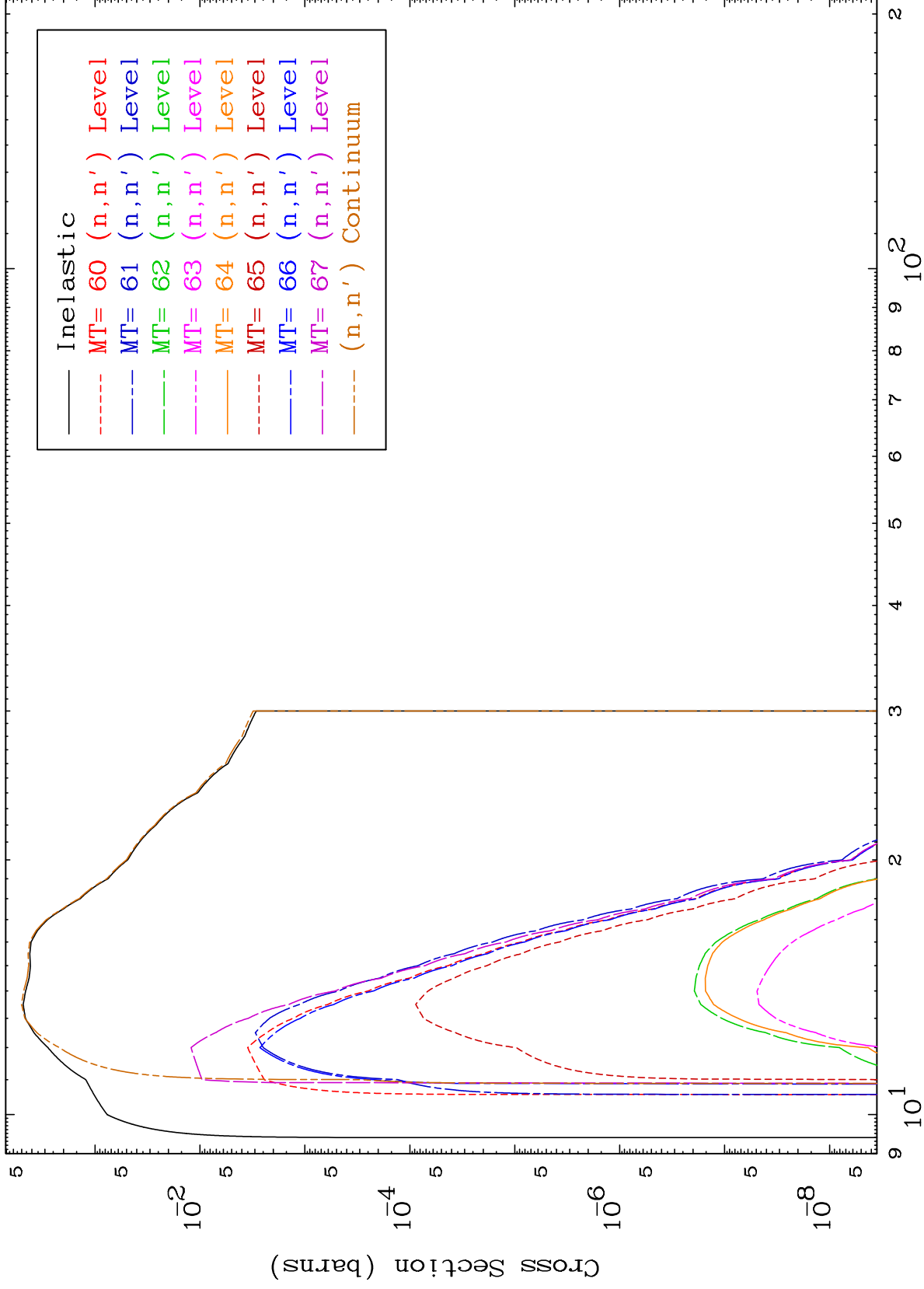
82-Pb-198

MAT 8207

( $\gamma, n'$ ) Levels

82-Pb-198

0 Kelvin Cross Sections



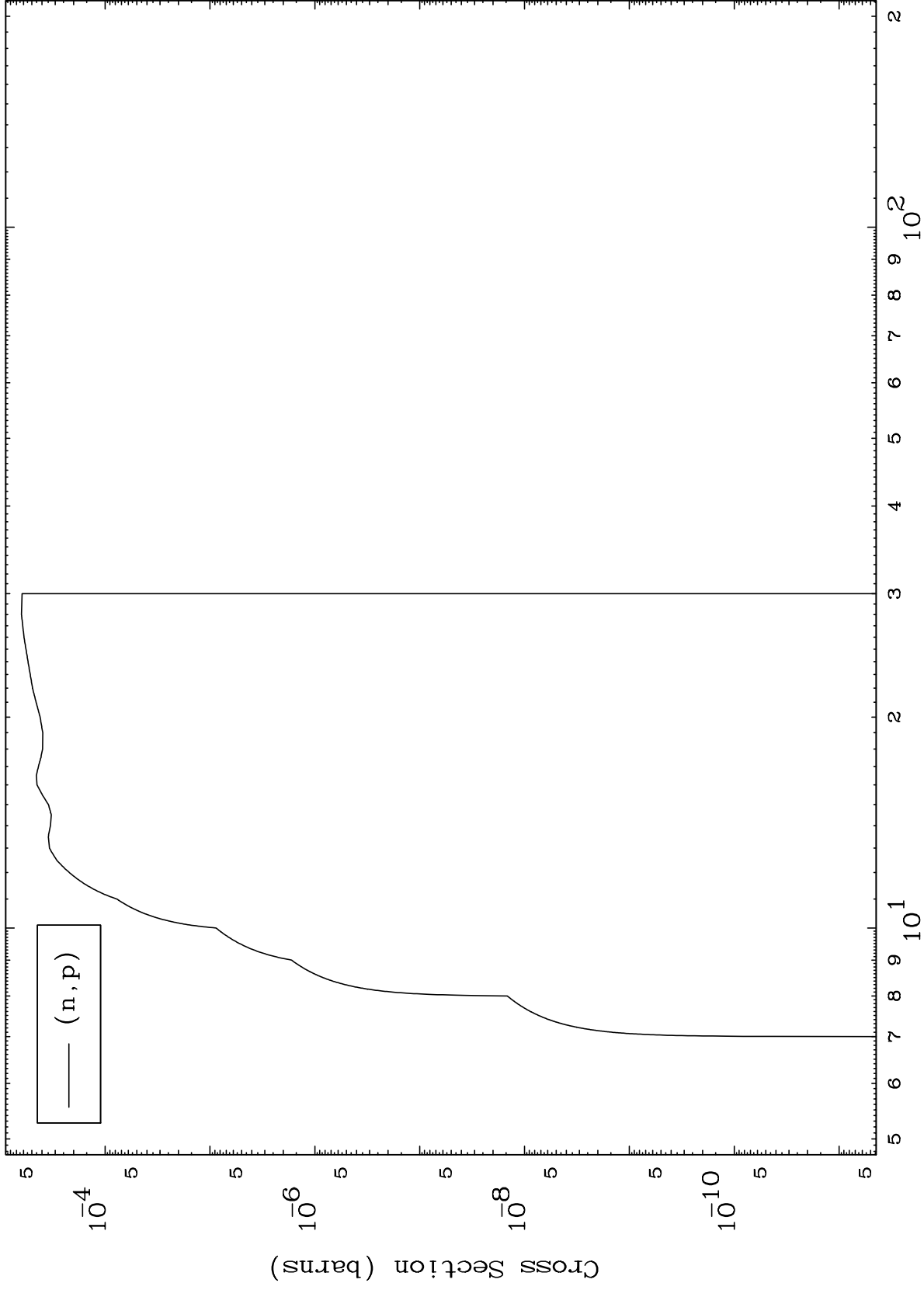
Incident Energy (MeV)

82-Pb-198

MAT 8207

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

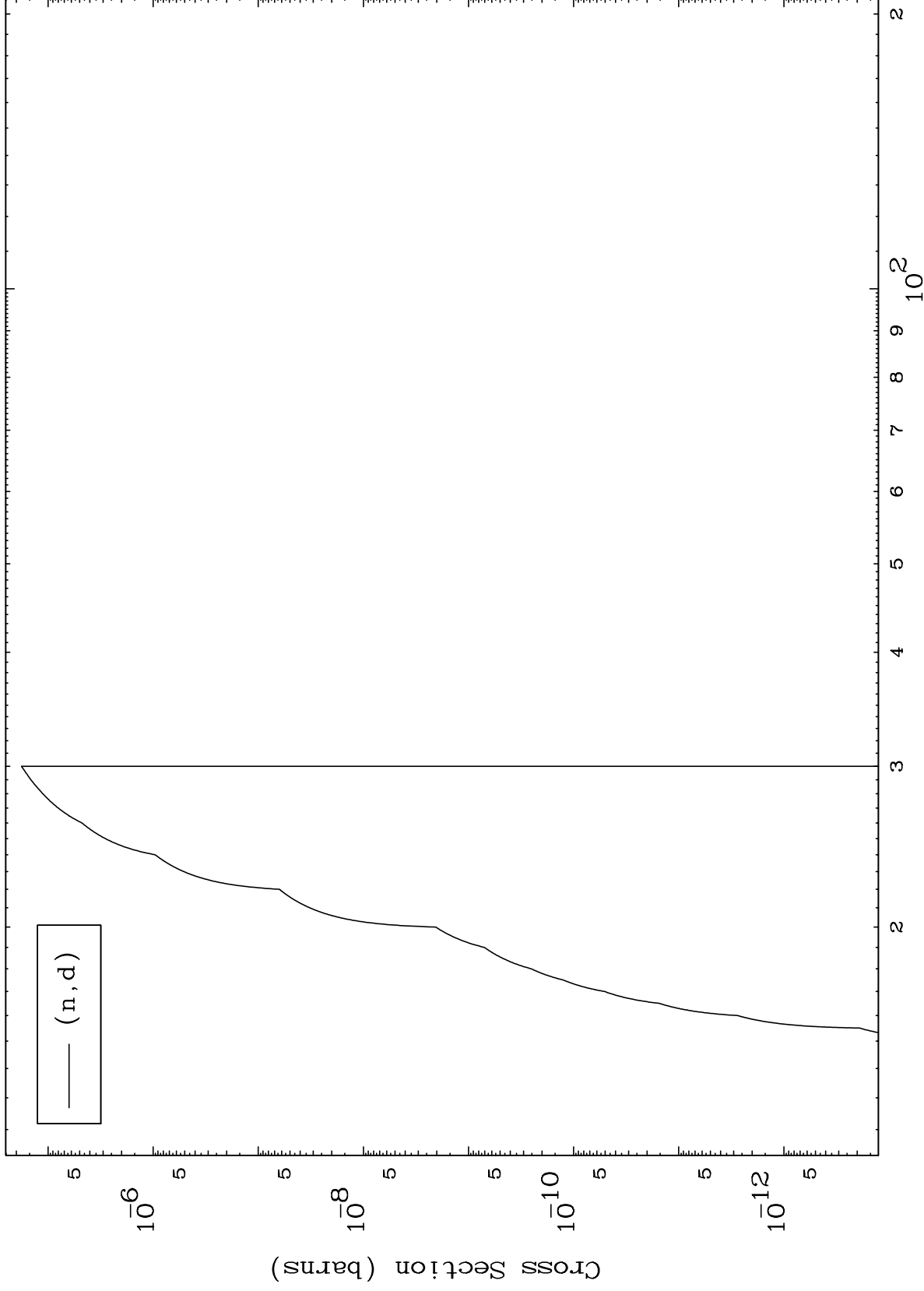
82-Pb-198

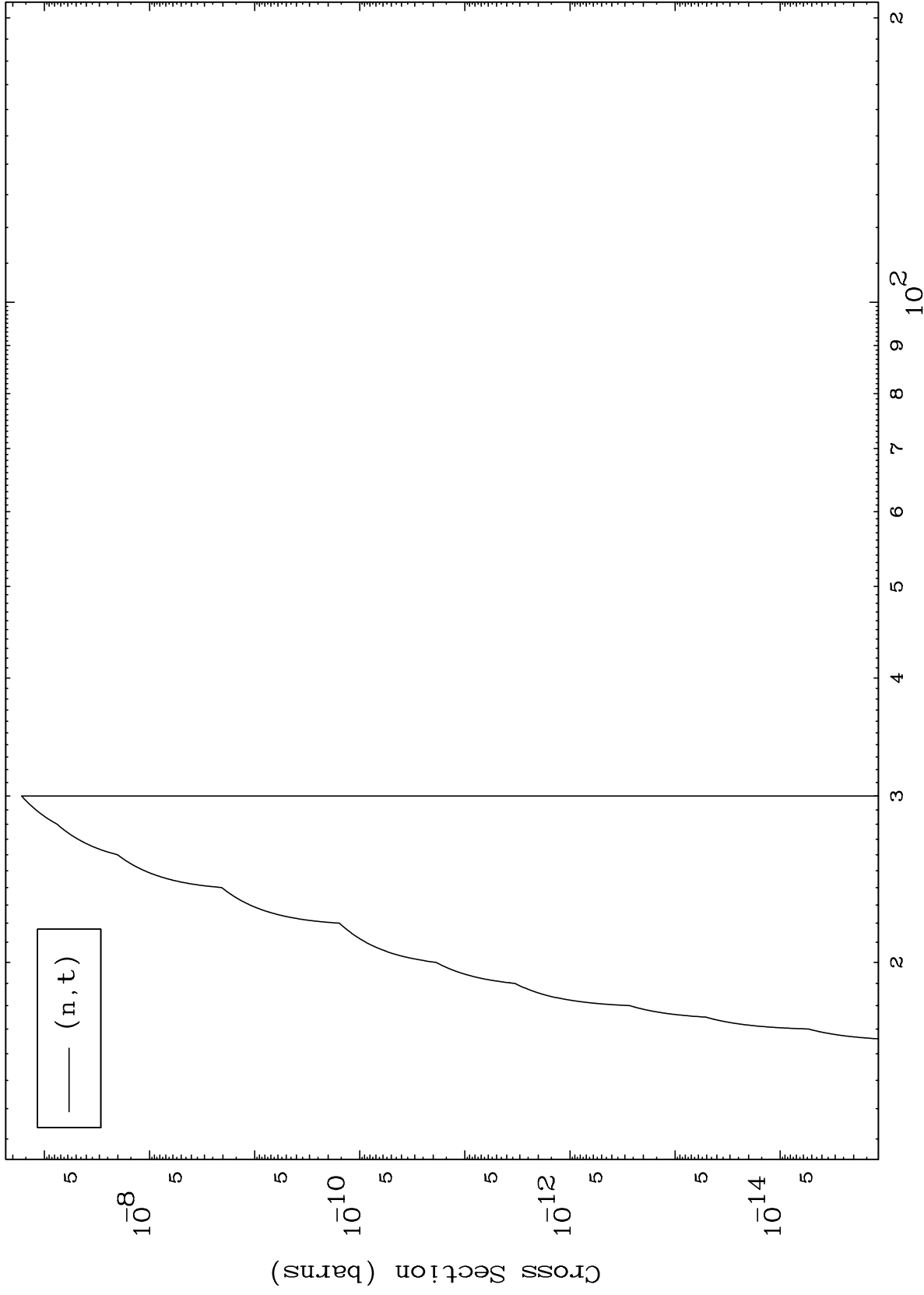


7

Incident Energy (MeV)

82-Pb-198



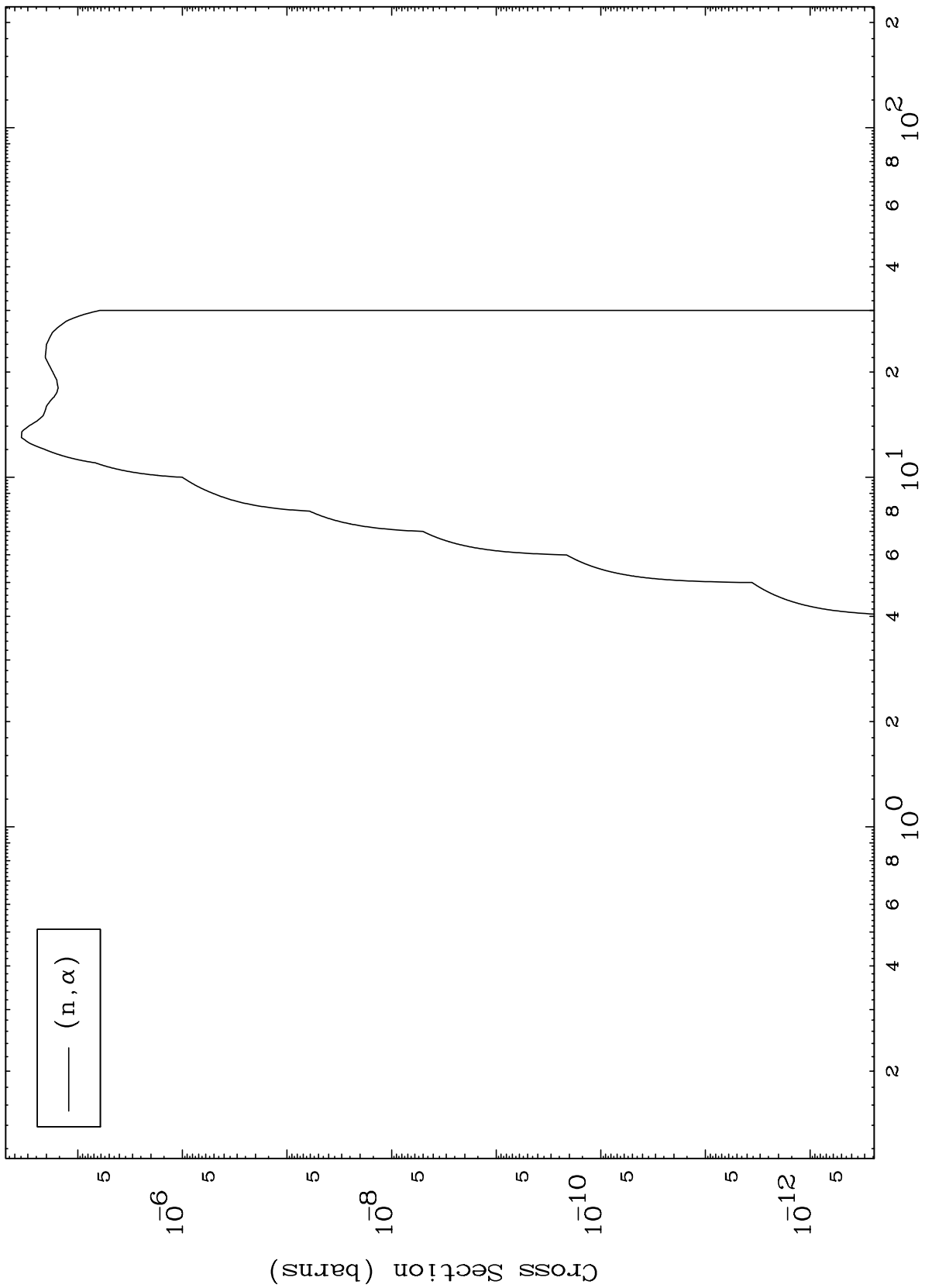


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( $\gamma, \alpha$ ) Levels

82-Pb-198

0 Kelvin Cross Sections



10

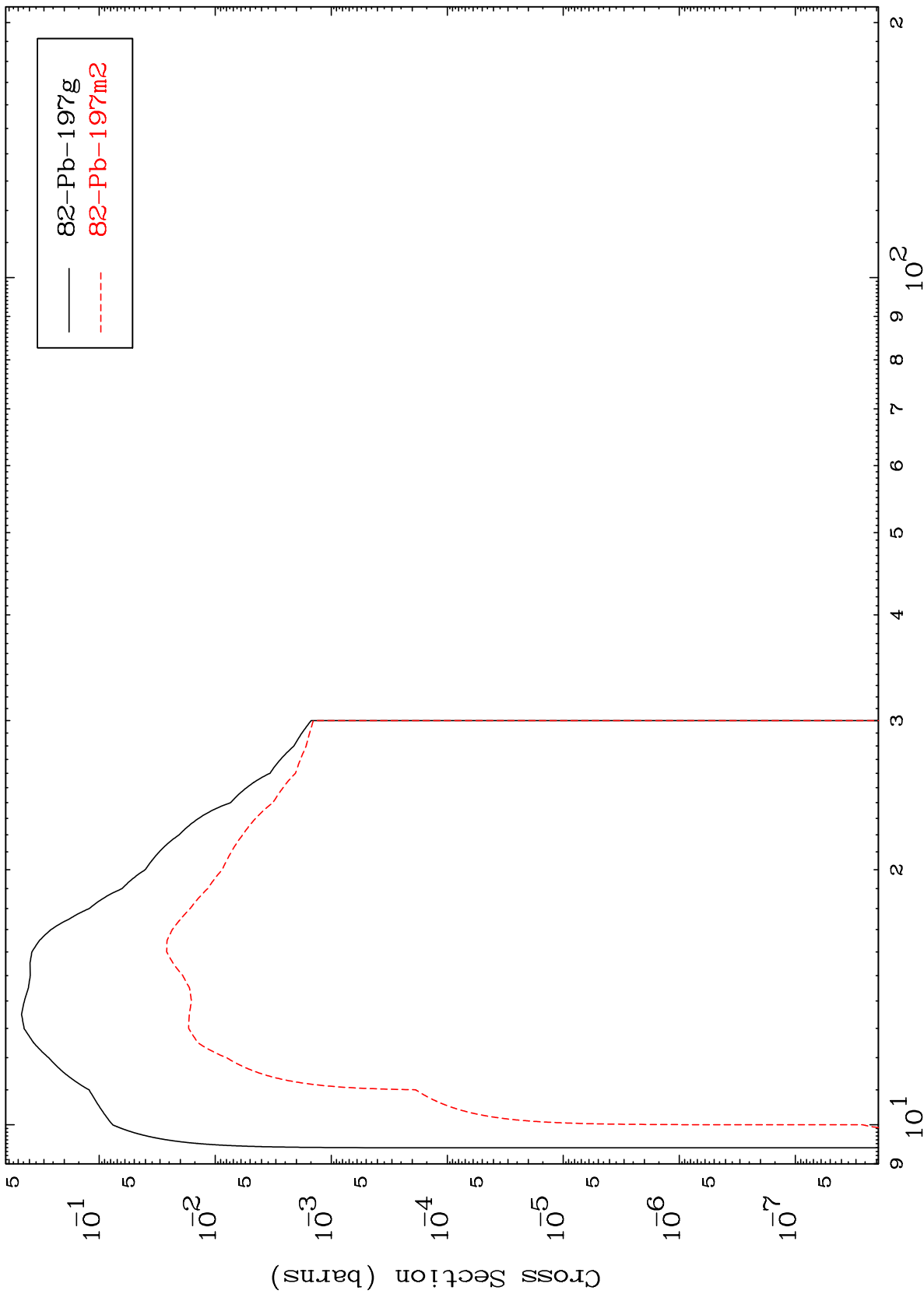
Incident Energy (MeV)

82-Pb-198

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82-Pb-198

Inelastic  
Radionuclide Production Cross Section



82-Pb-198

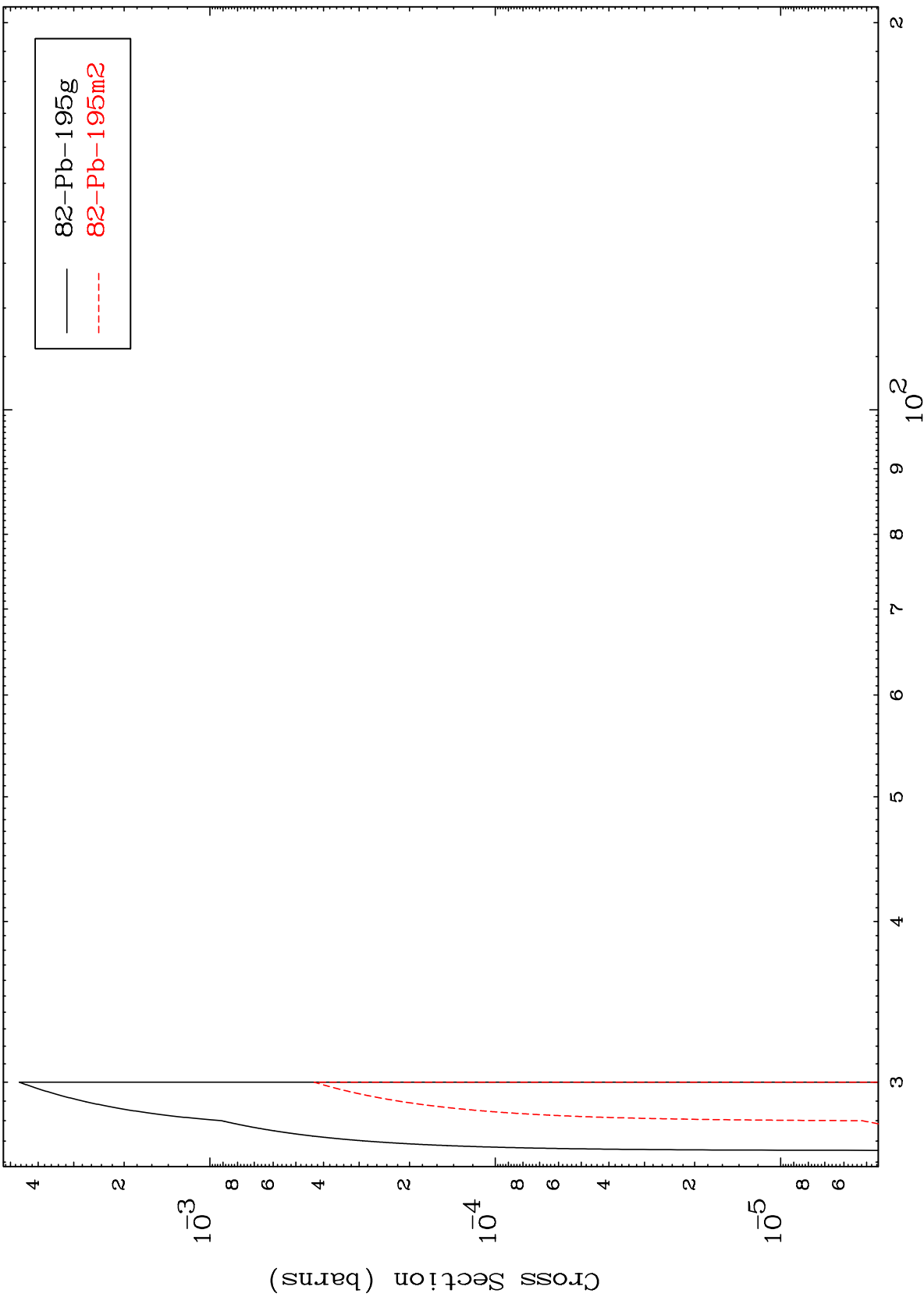
Incident Energy (MeV)

11

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82-Pb-198

(n,3n)  
Radionuclide Production Cross Section



12

82-Pb-198

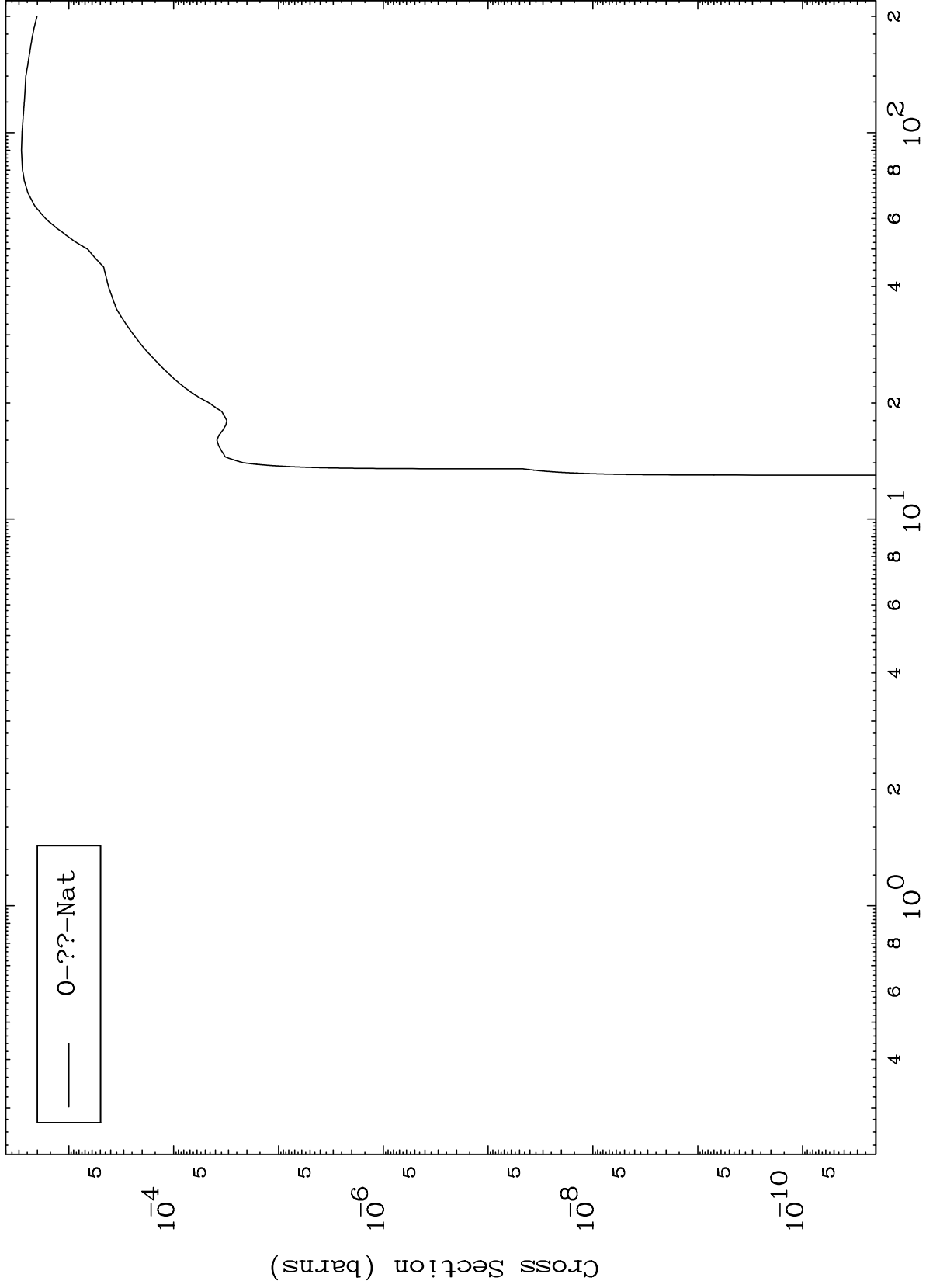
Incident Energy (MeV)

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Fission

82-Pb-198

Radionuclide Production Cross Section

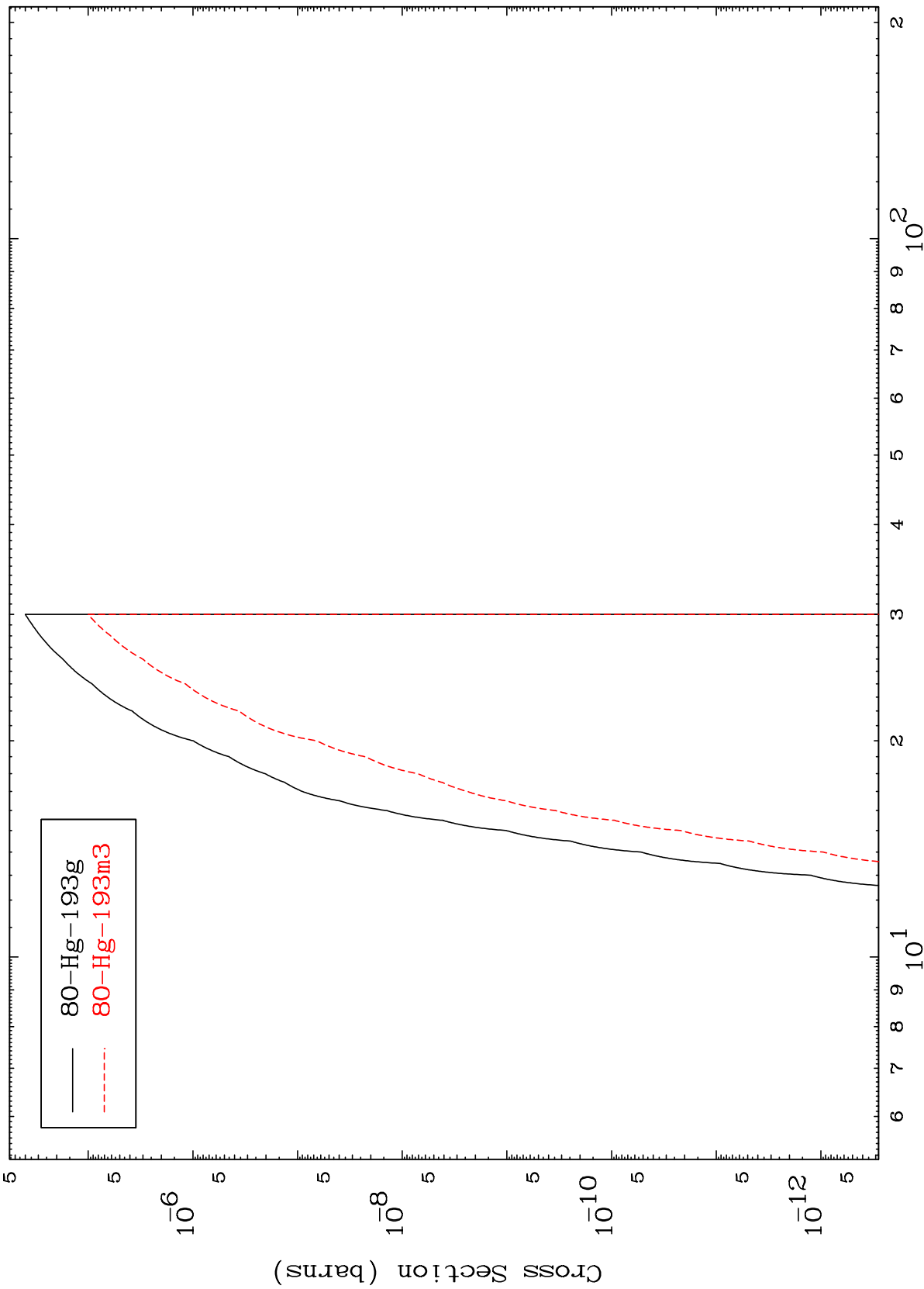


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(n,n')  $\alpha$

82-Pb-198

Radionuclide Production Cross Section



80-Hg-193g  
80-Hg-193m3

14

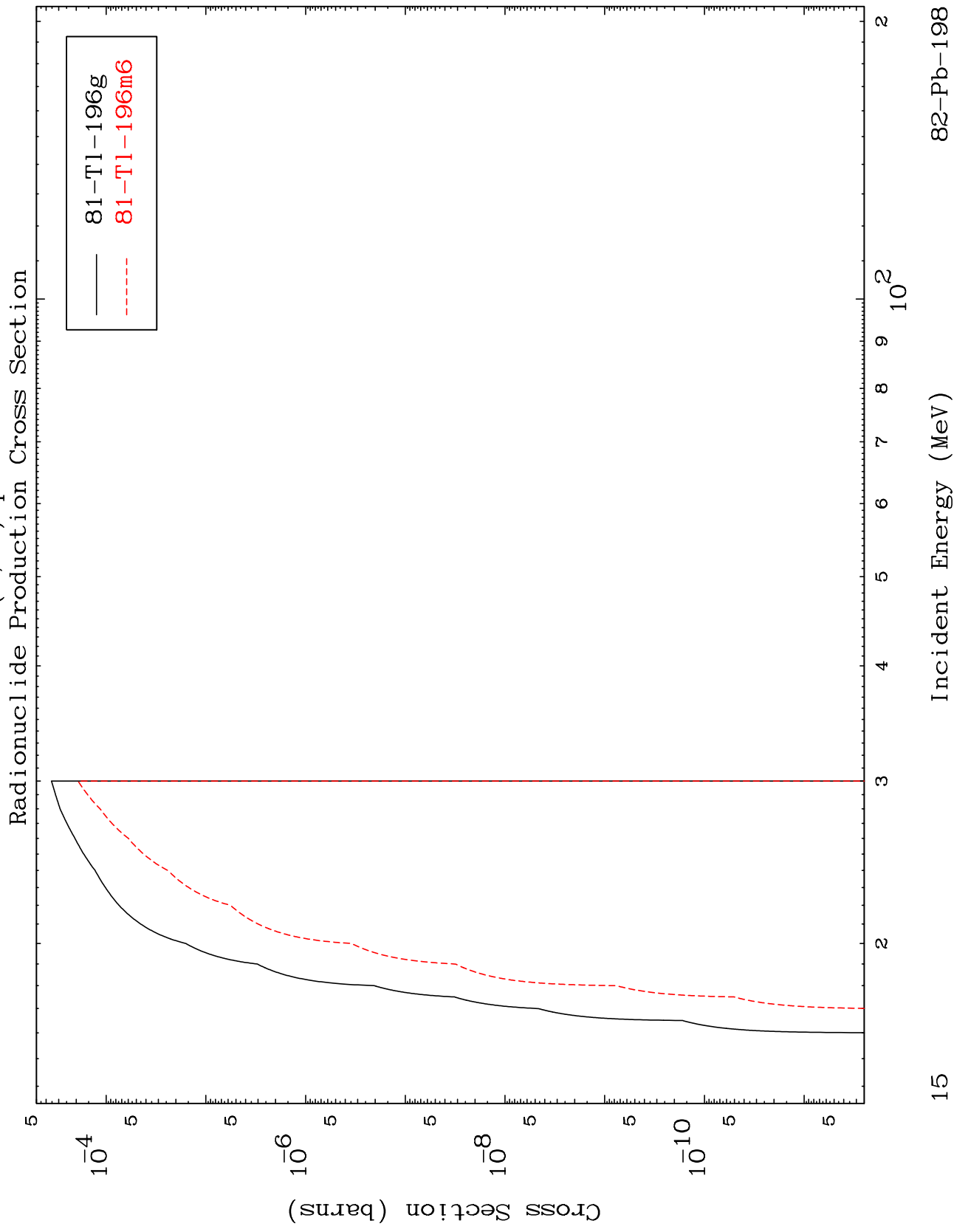
Incident Energy (MeV)

82-Pb-198

MAT 8207

(n,n') p

82-Pb-198



15

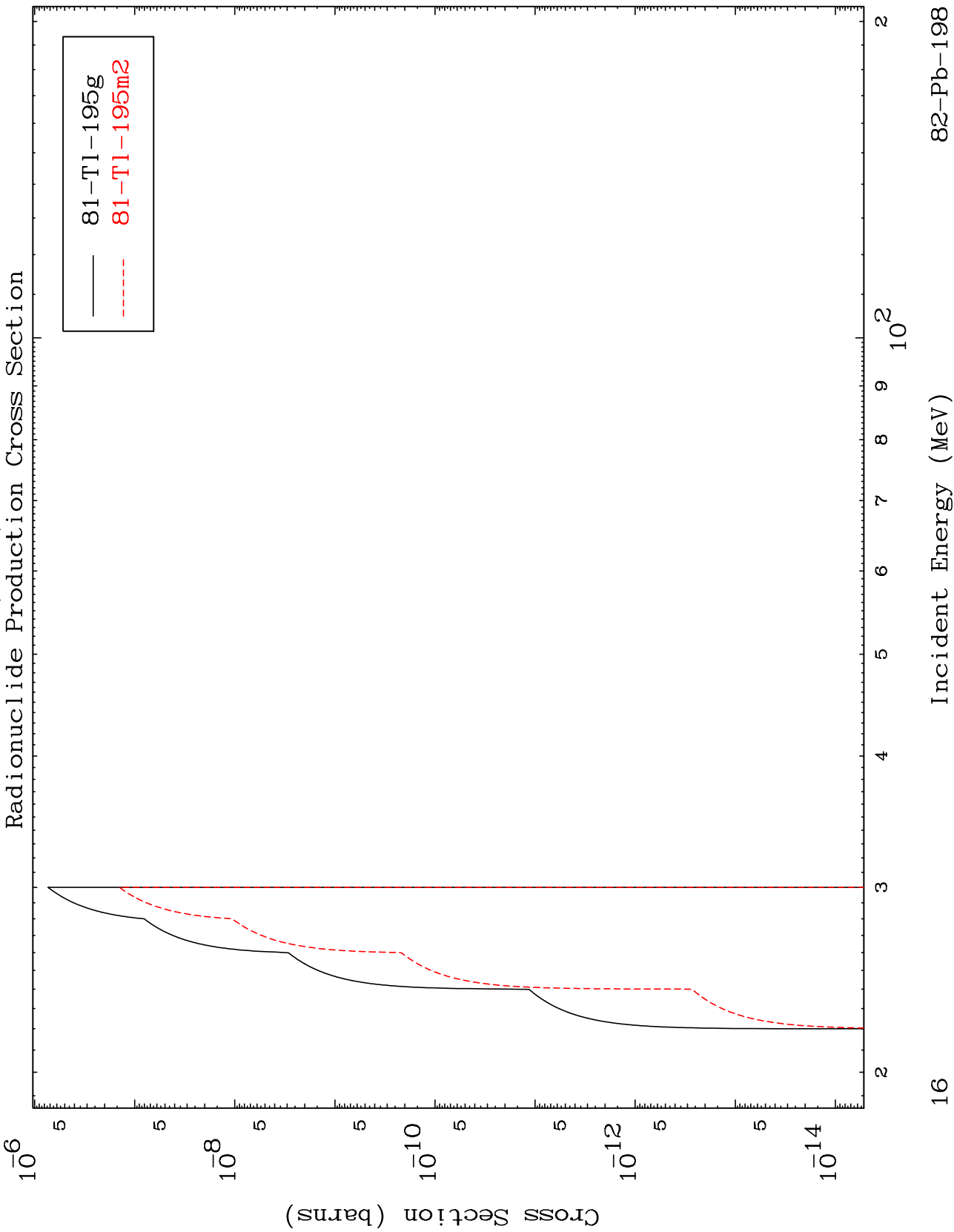
Incident Energy (MeV)

82-Pb-198

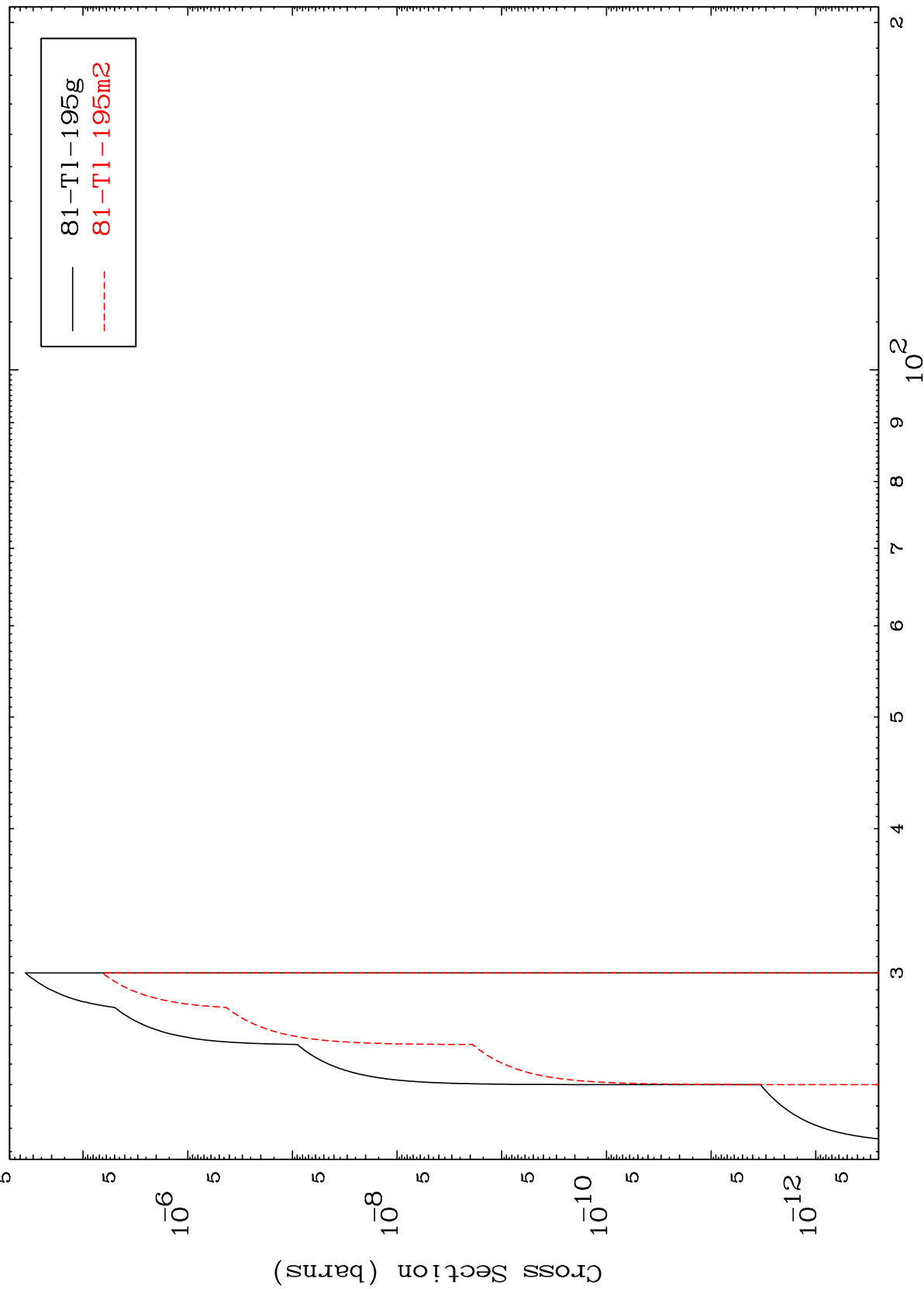
MAT 8207

(n,n') d

82-Pb-198

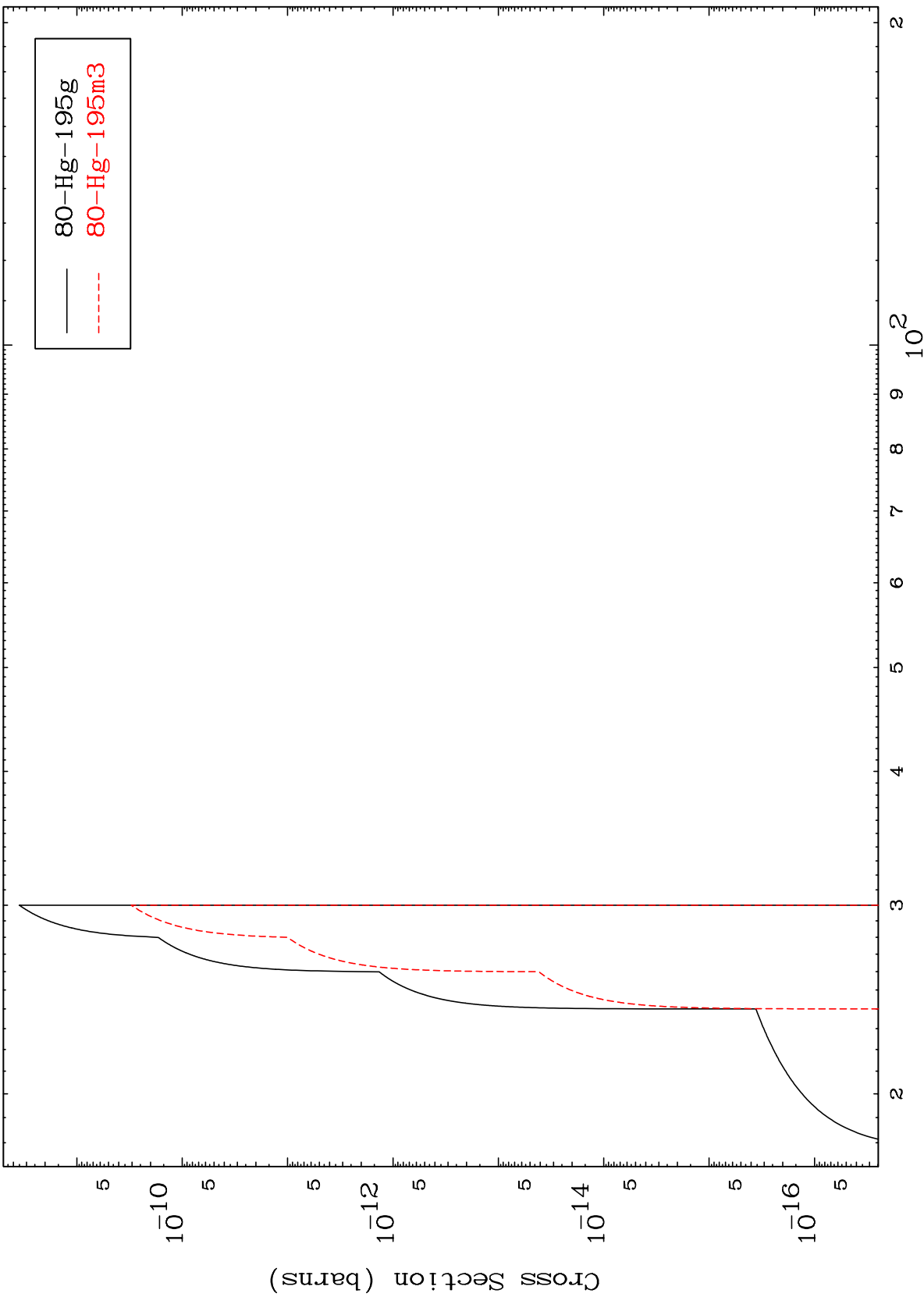


Radionuclide Production Cross Section

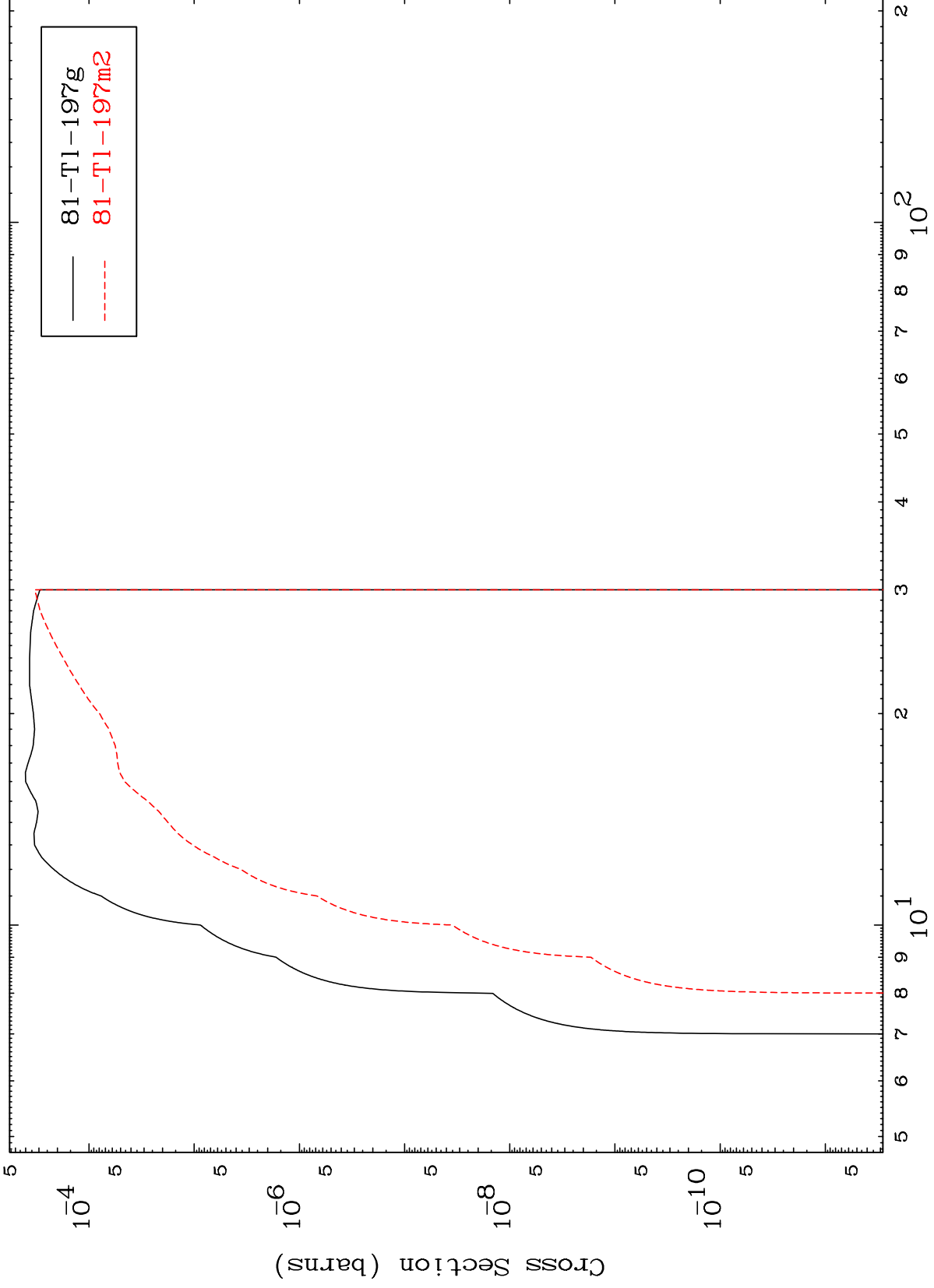


81-Tl-195g  
81-Tl-195m2

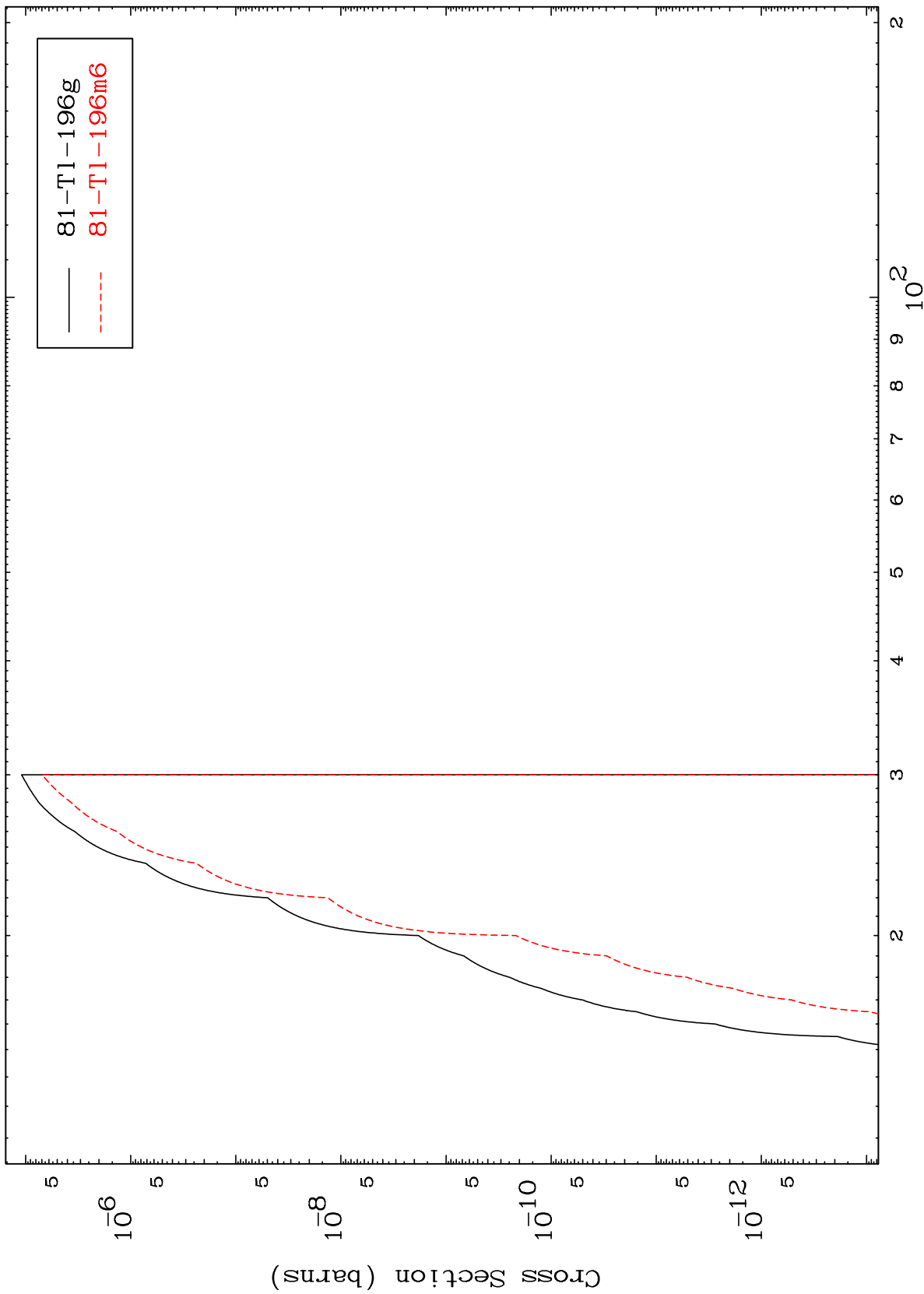
Radionuclide Production Cross Section



(n,p)  
Radionuclide Production Cross Section

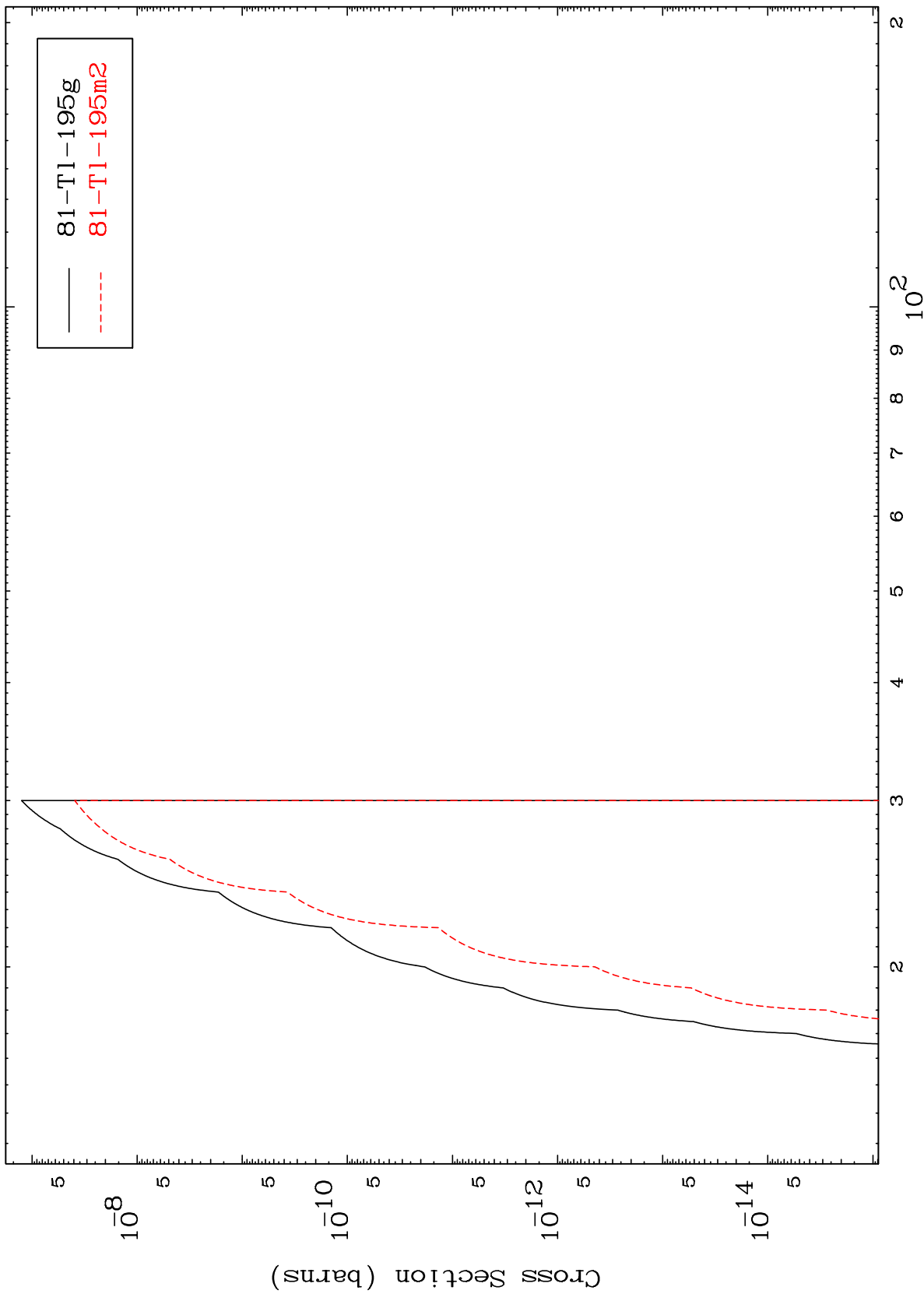


(n,d)  
Radionuclide Production Cross Section



81-Tl-196g  
81-Tl-196m6

(n, t)  
Radionuclide Production Cross Section

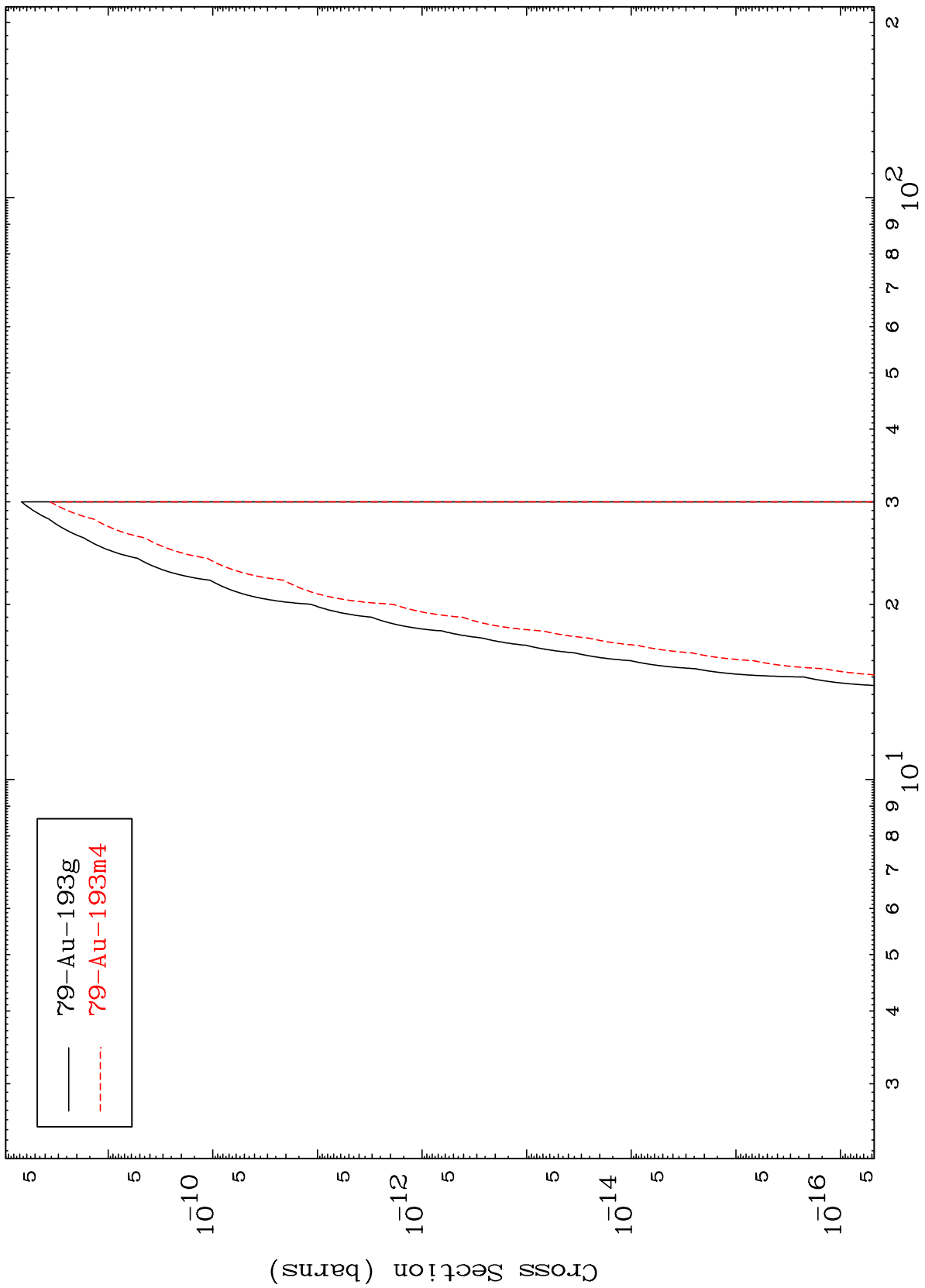


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(n,p)  $\alpha$

82-Pb-198

Radionuclide Production Cross Section



22

Incident Energy (MeV)

82-Pb-198