

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

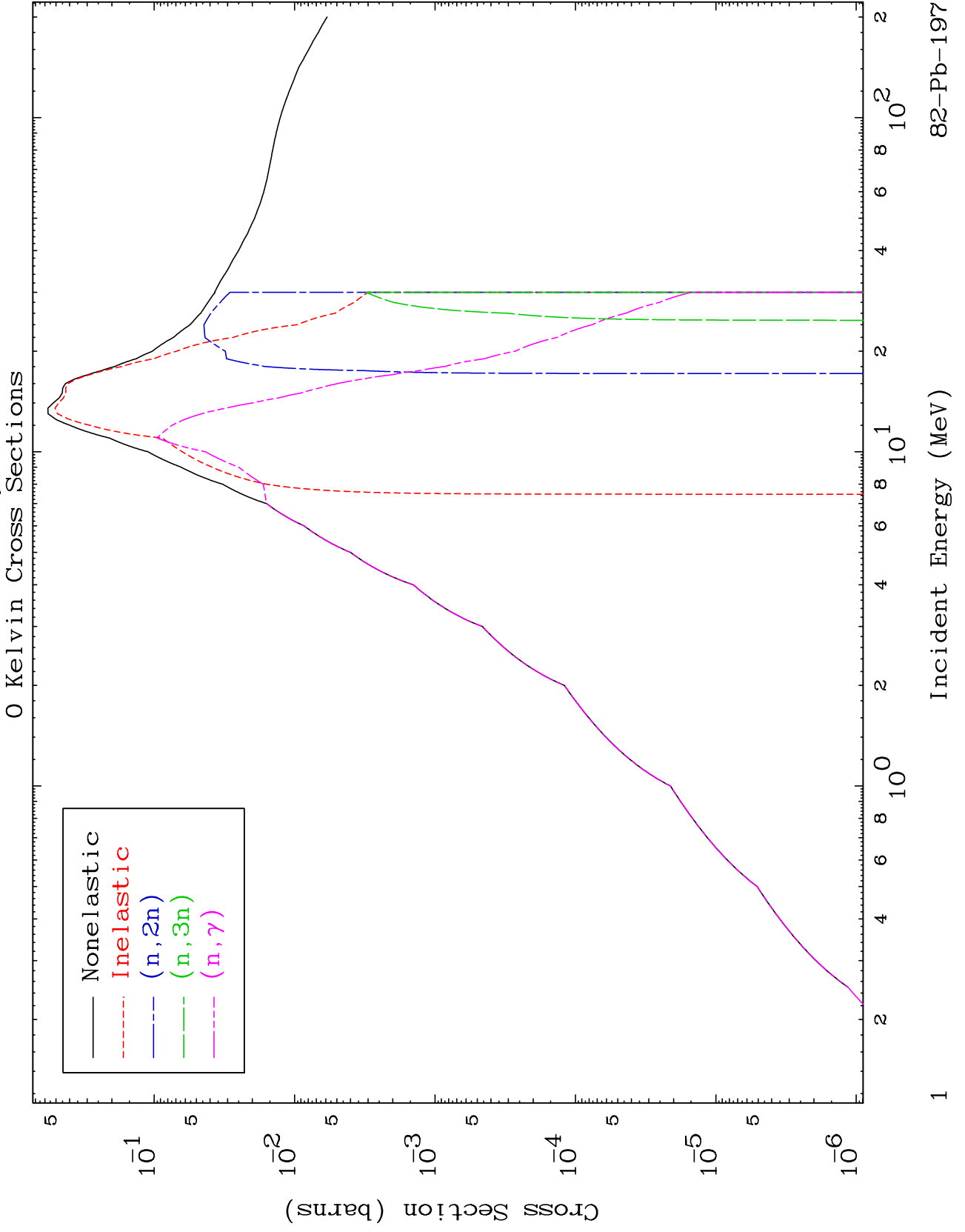
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

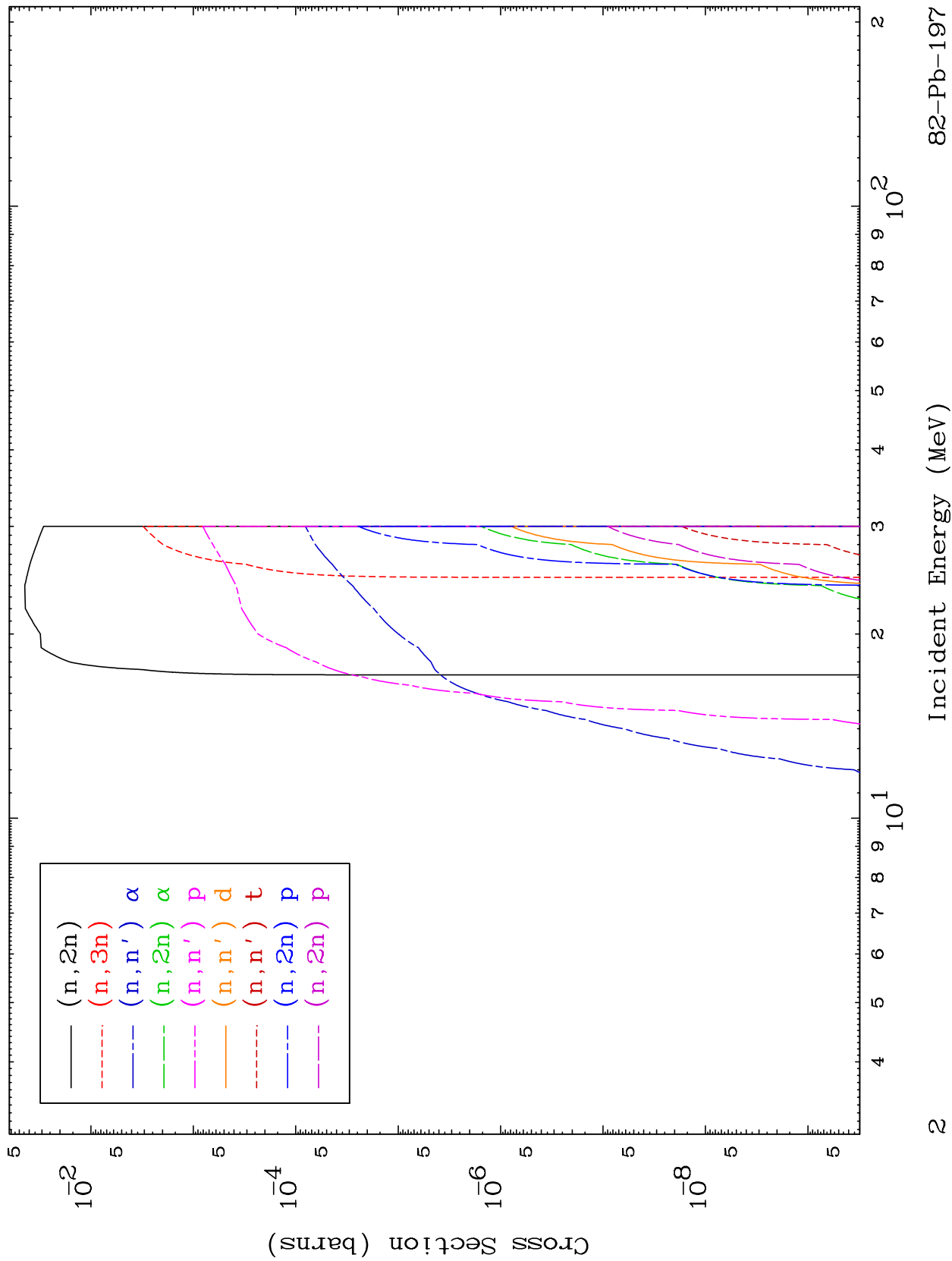
Tele: 925-443-1911

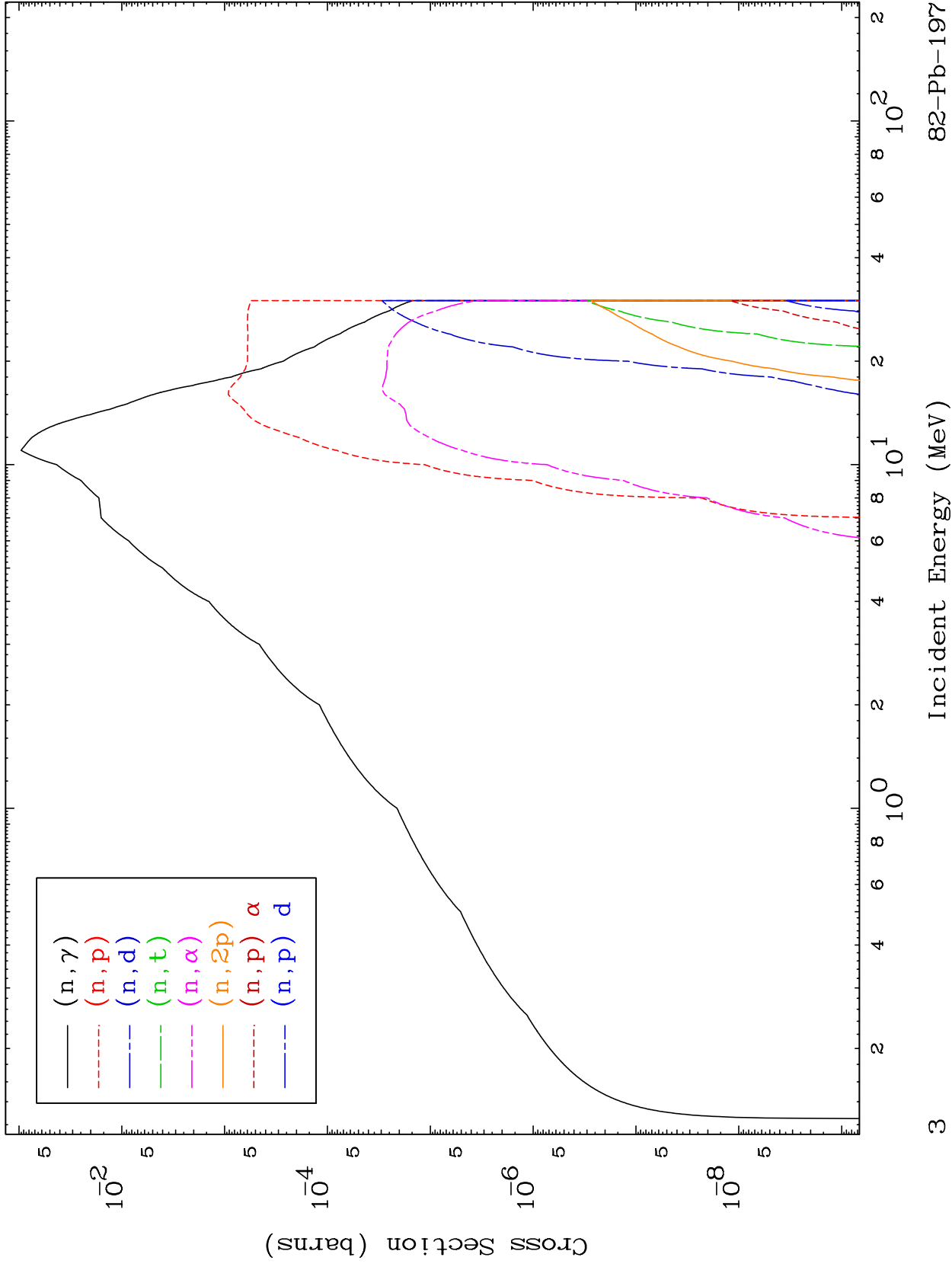
E.Mail:redcullen1@comcast.net

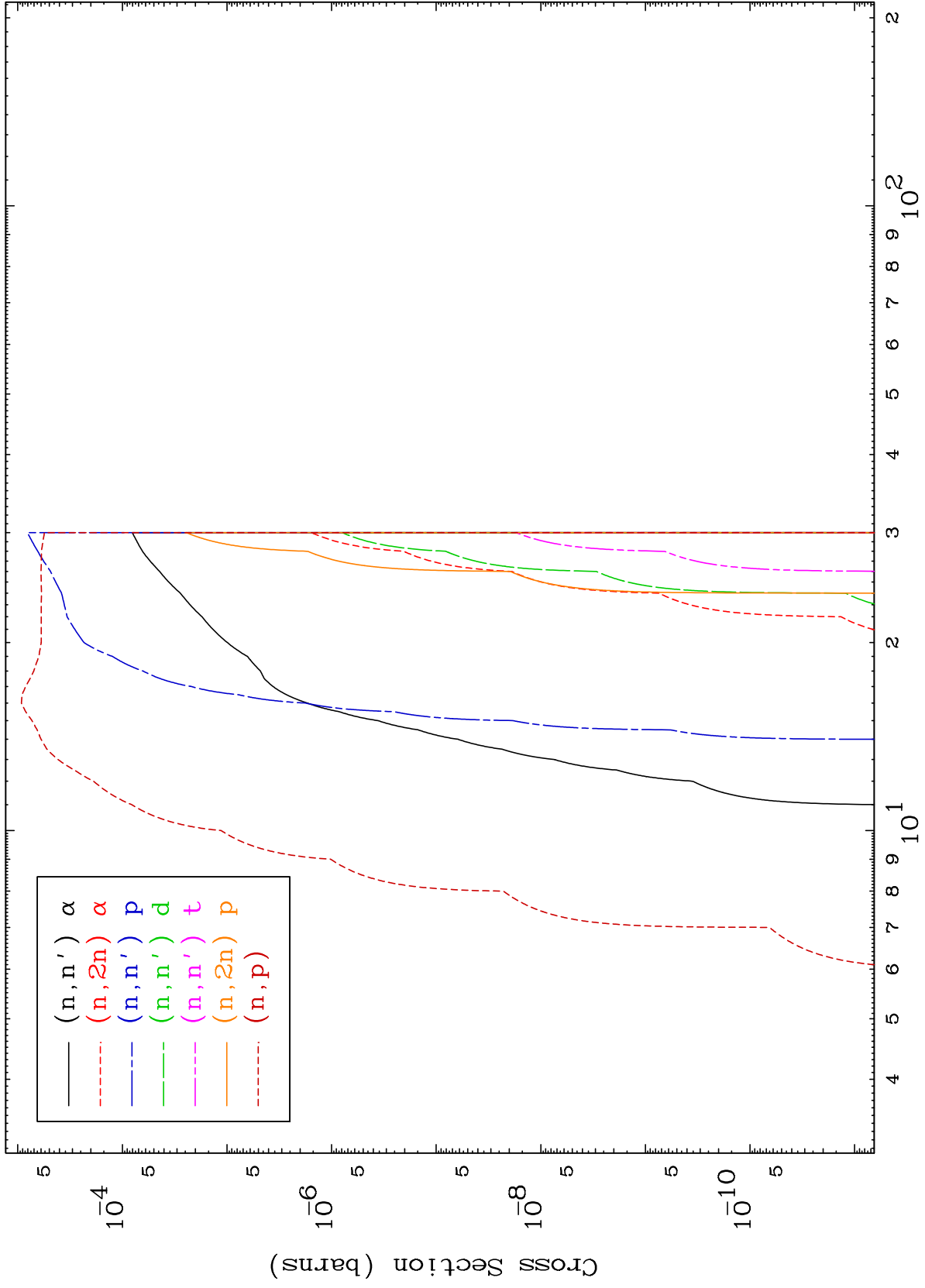
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start





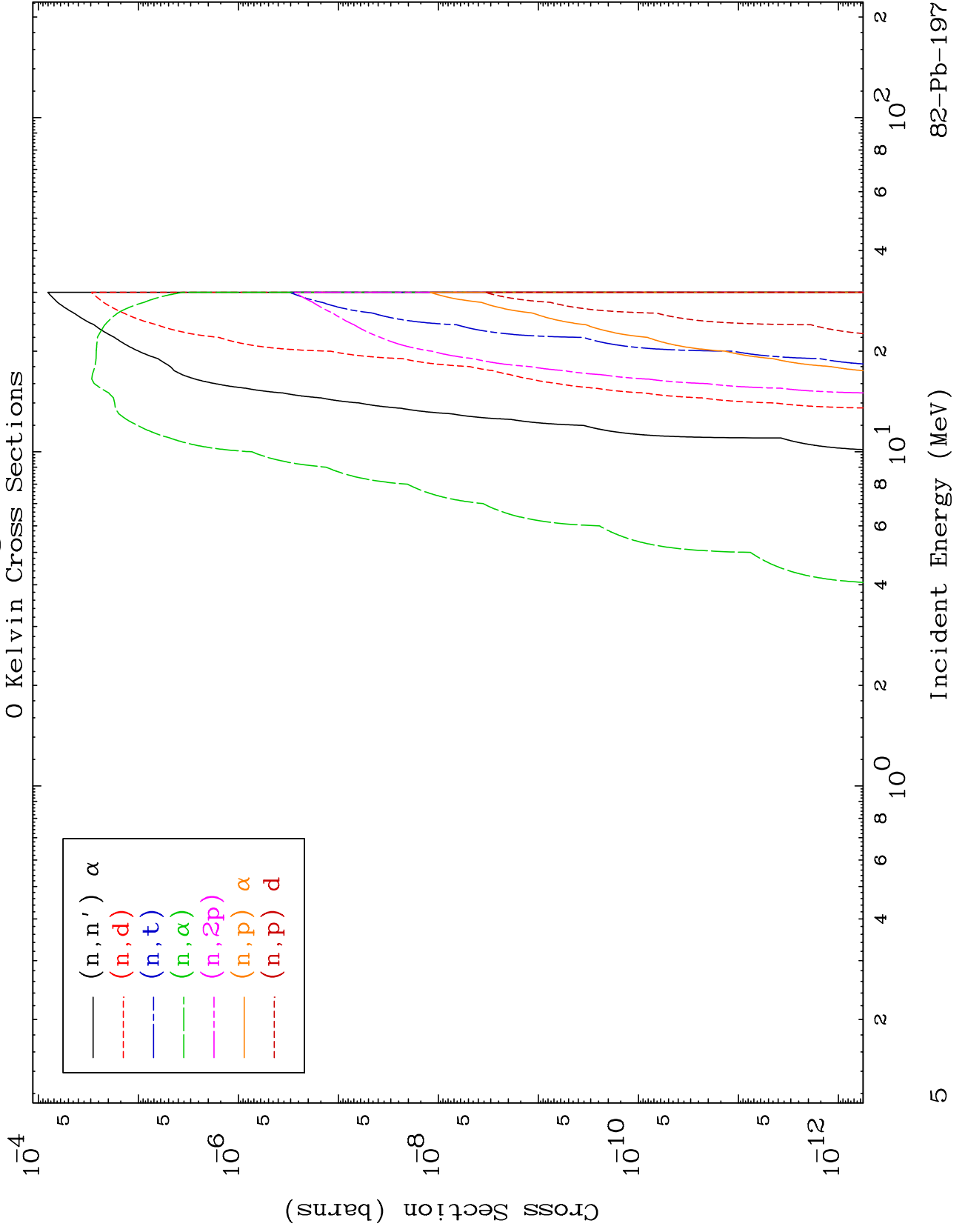




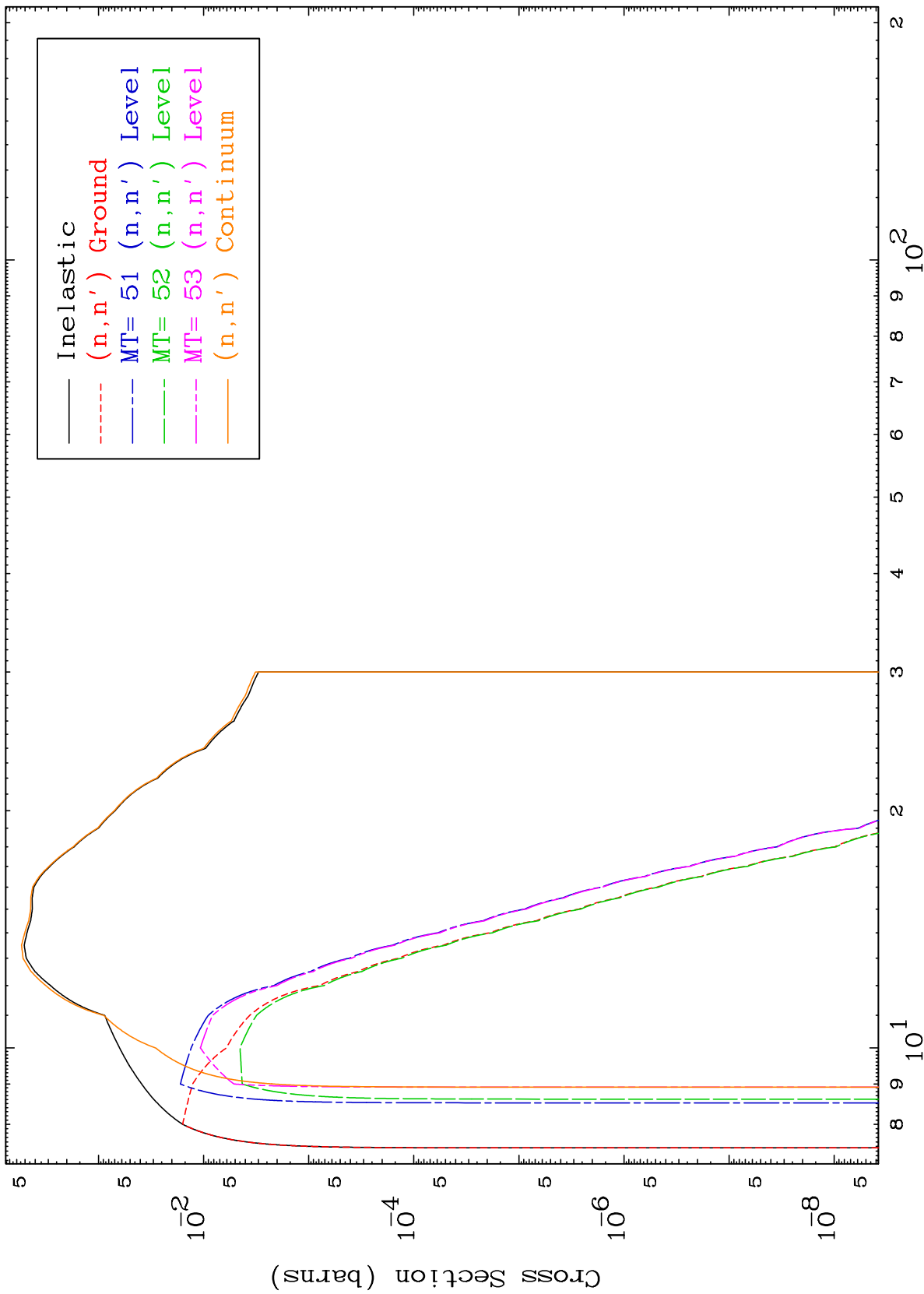
MAT 8204

Photon Charged Particle  
0 Kelvin Cross Sections

82-Pb-197



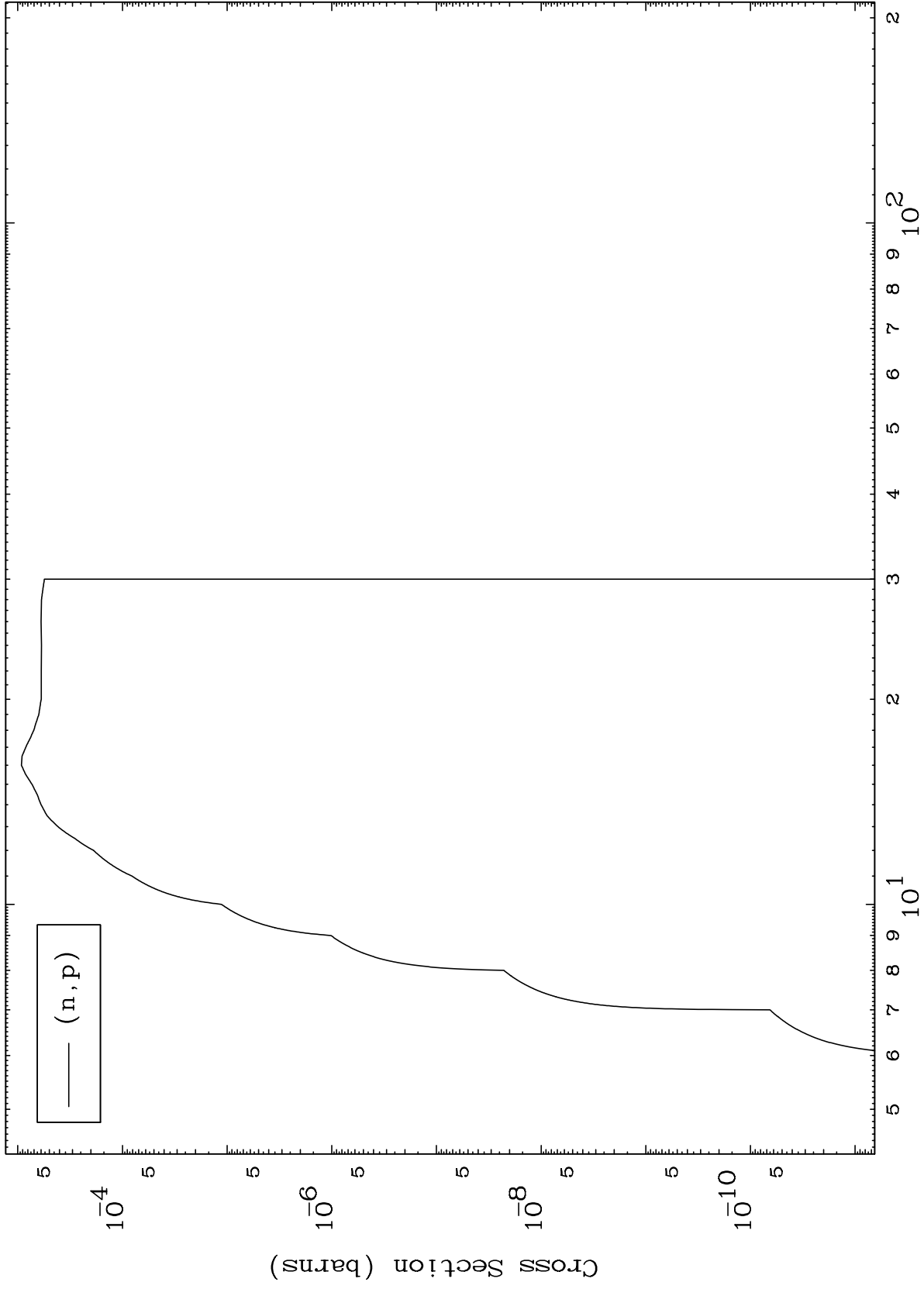
( $\gamma, n'$ ) Levels  
0 Kelvin Cross Sections



MAT 8204

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

82-Pb-197



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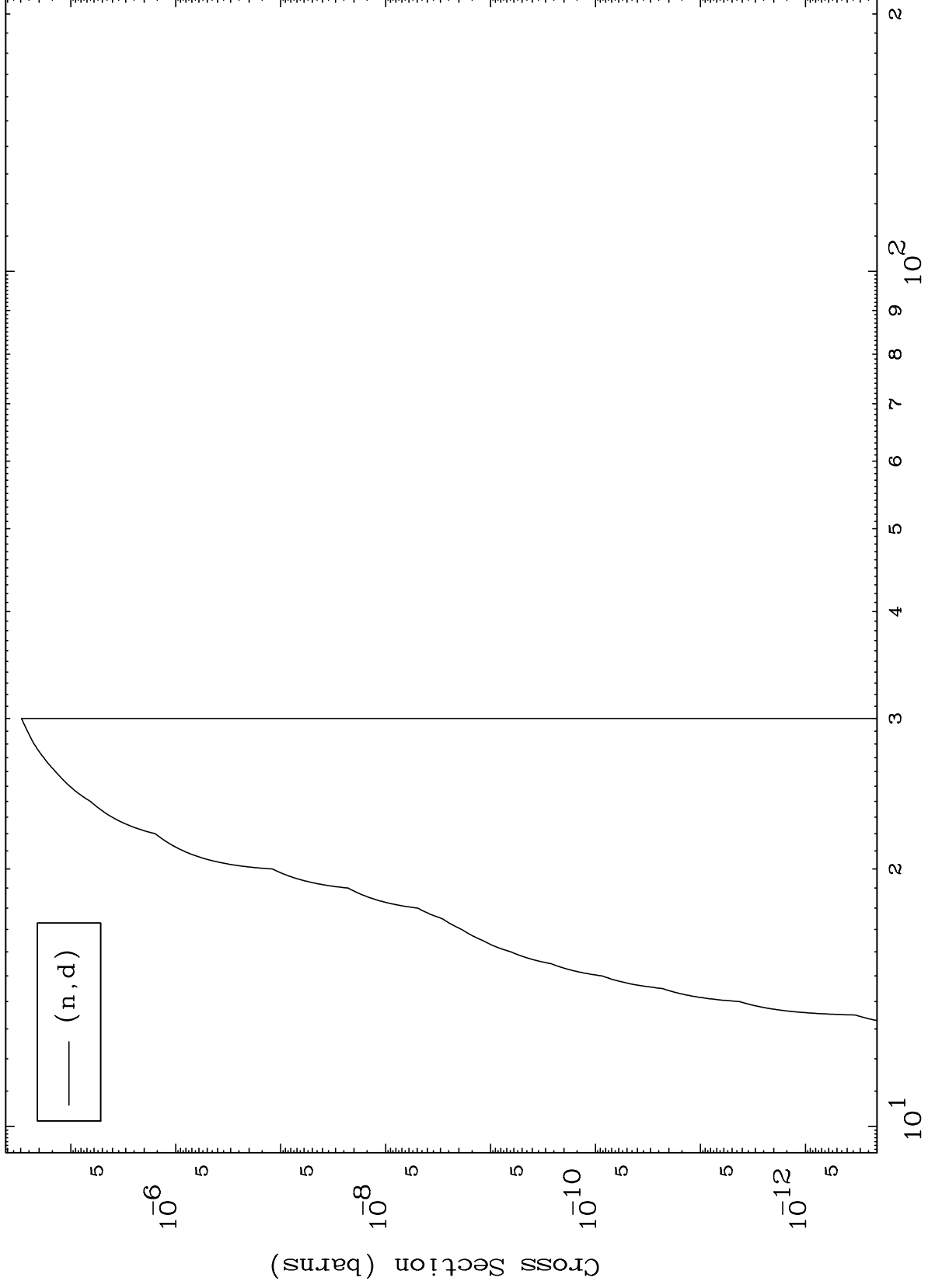
Incident Energy (MeV)

82-Pb-197

MAT 8204

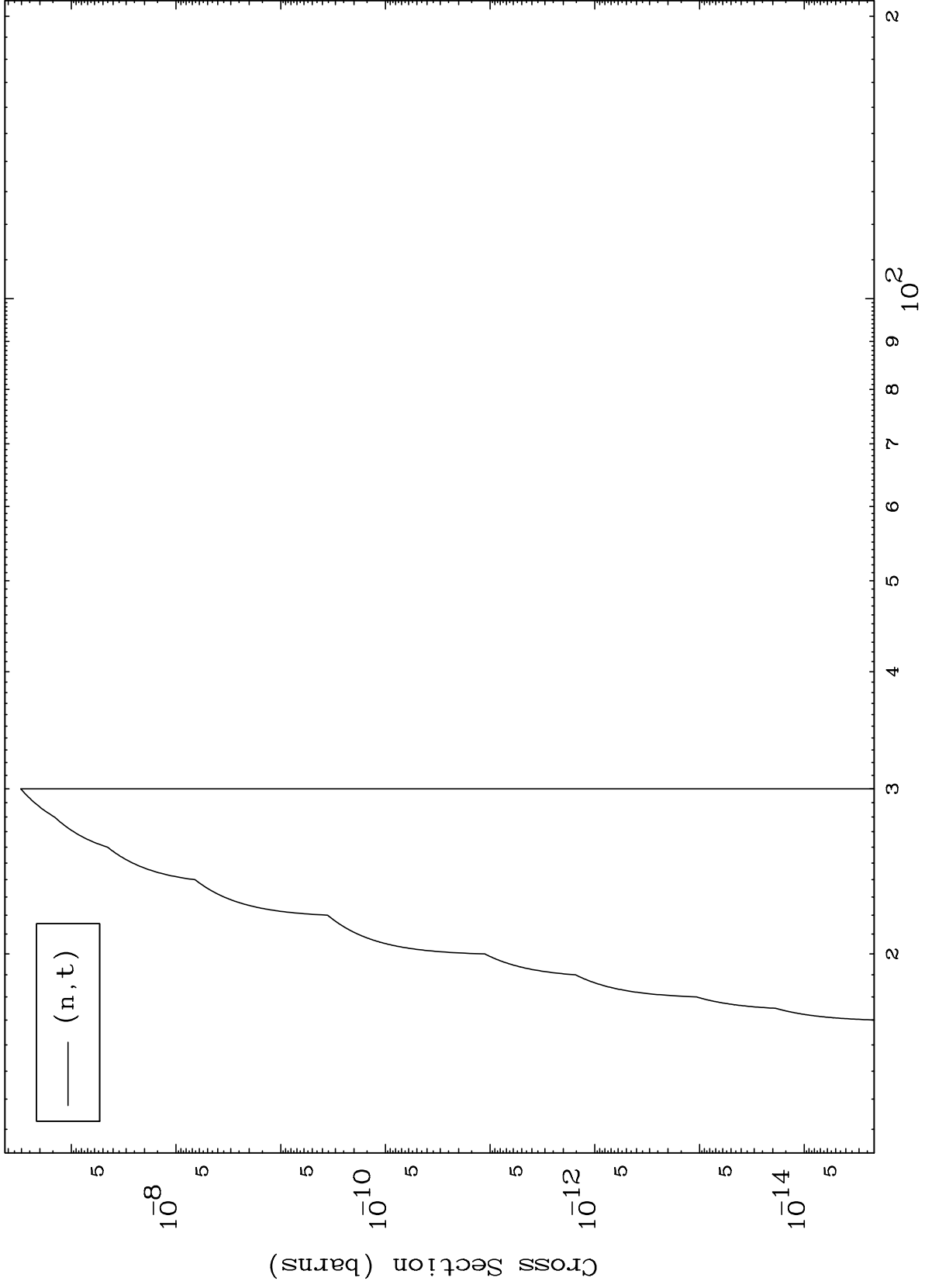
( $\gamma, d$ ) Levels  
0 Kelvin Cross Sections

82-Pb-197



Incident Energy (MeV)

82-Pb-197

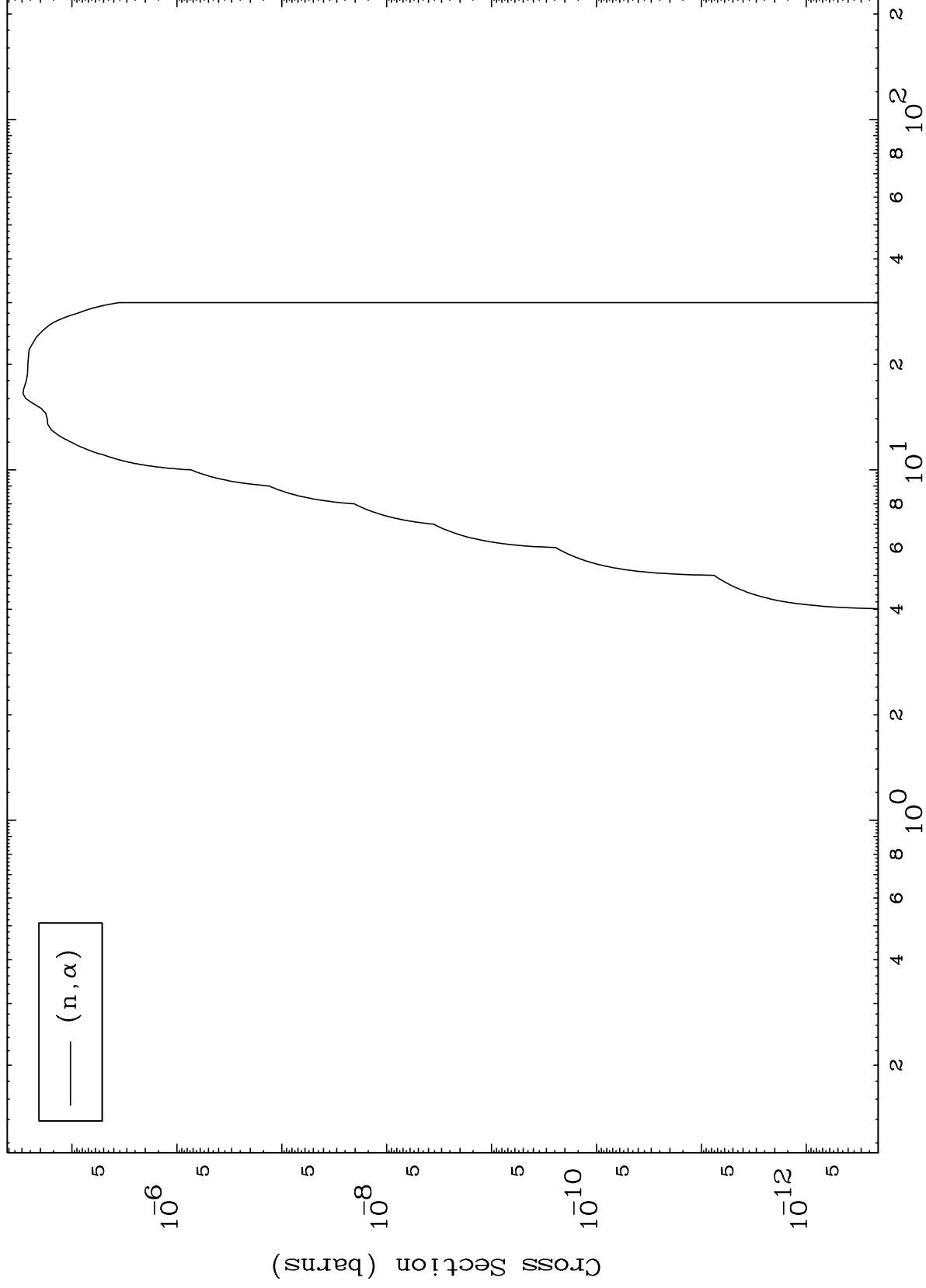


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( $\gamma, \alpha$ ) Levels

82-Pb-197

0 Kelvin Cross Sections



10

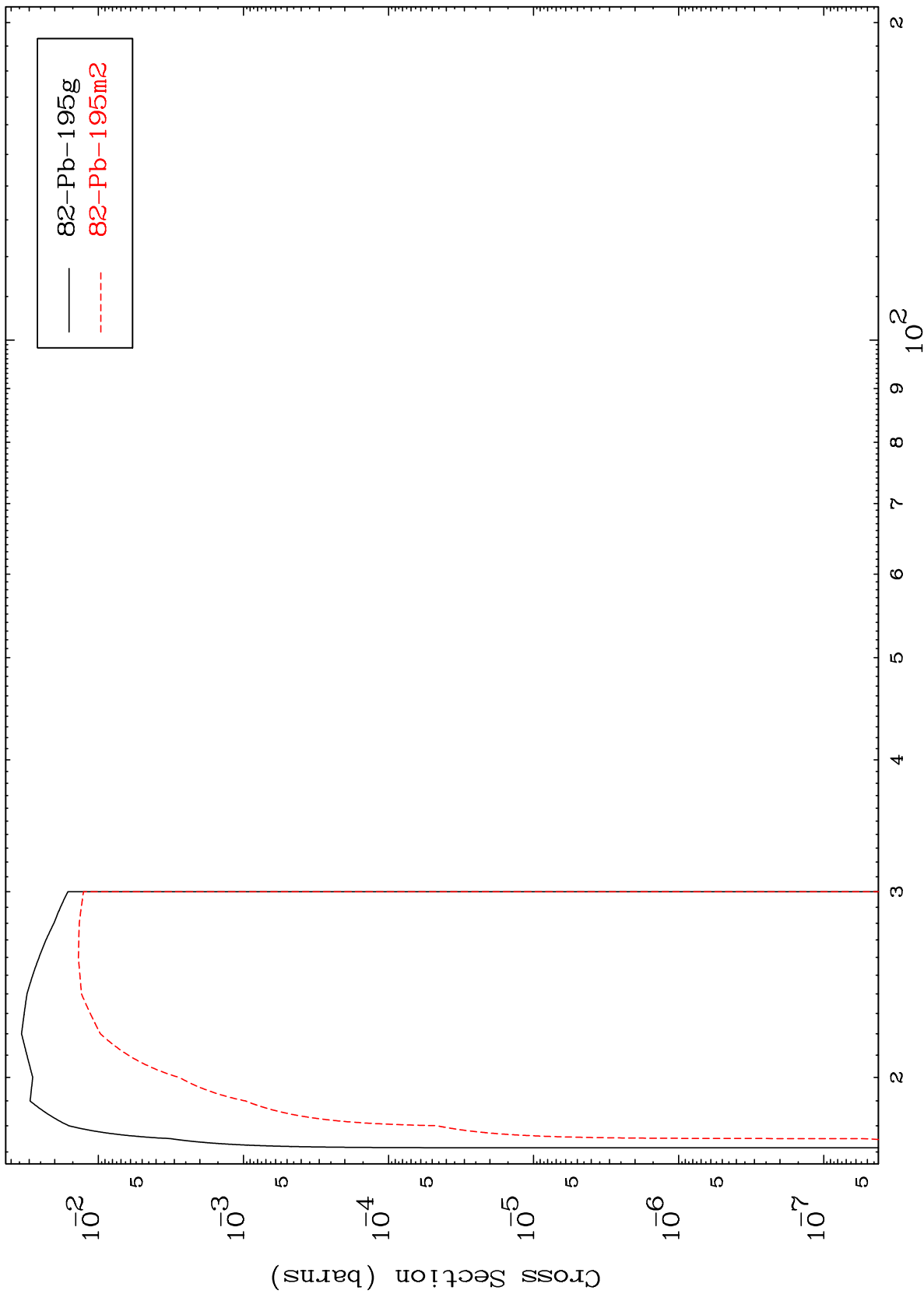
Incident Energy (MeV)

82-Pb-197

MAT 8204

82-Pb-197

(n,2n)  
Radionuclide Production Cross Section



11

82-Pb-197

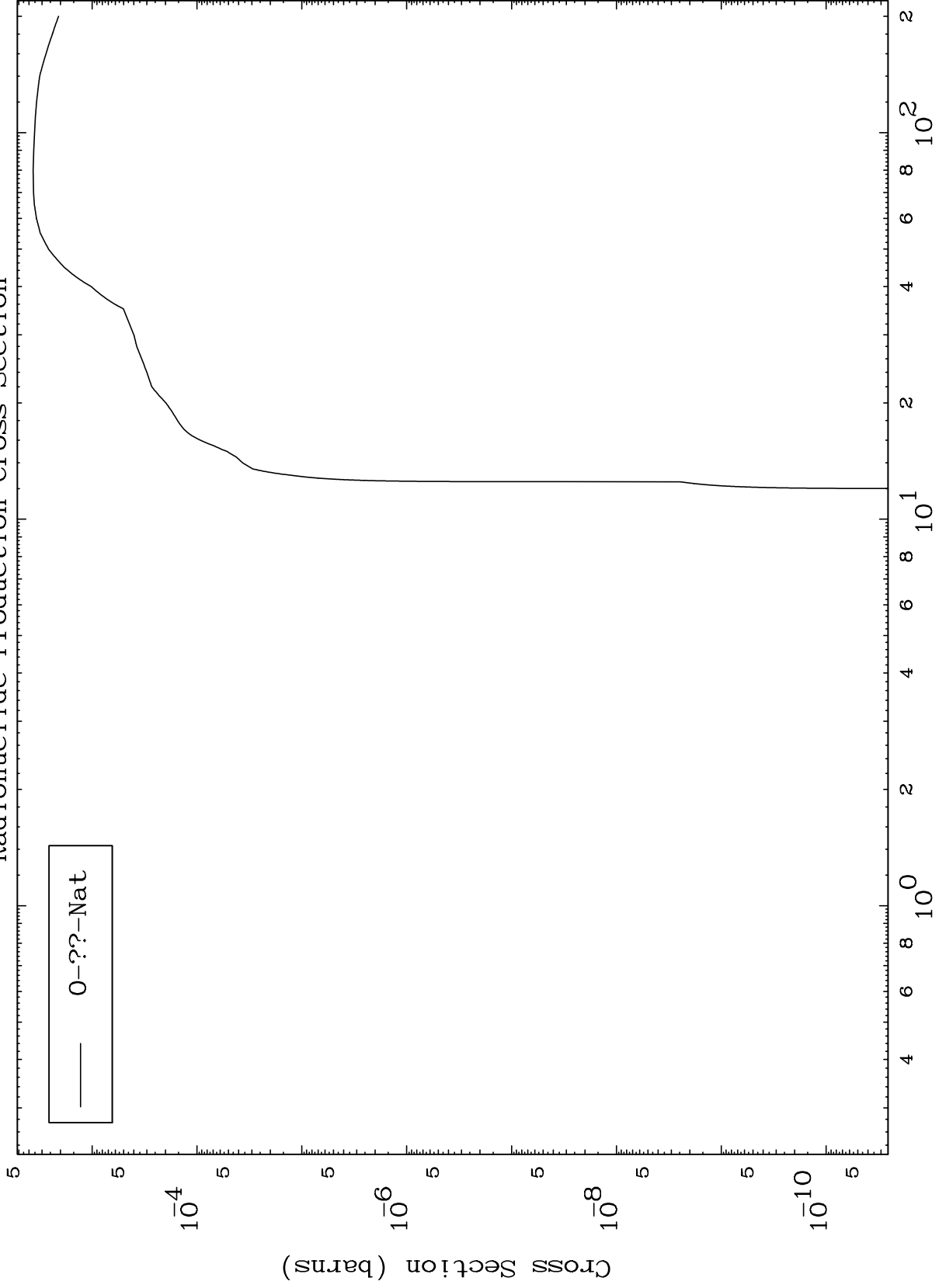
Incident Energy (MeV)

MAT 8204

Fission

82-Pb-197

Radionuclide Production Cross Section

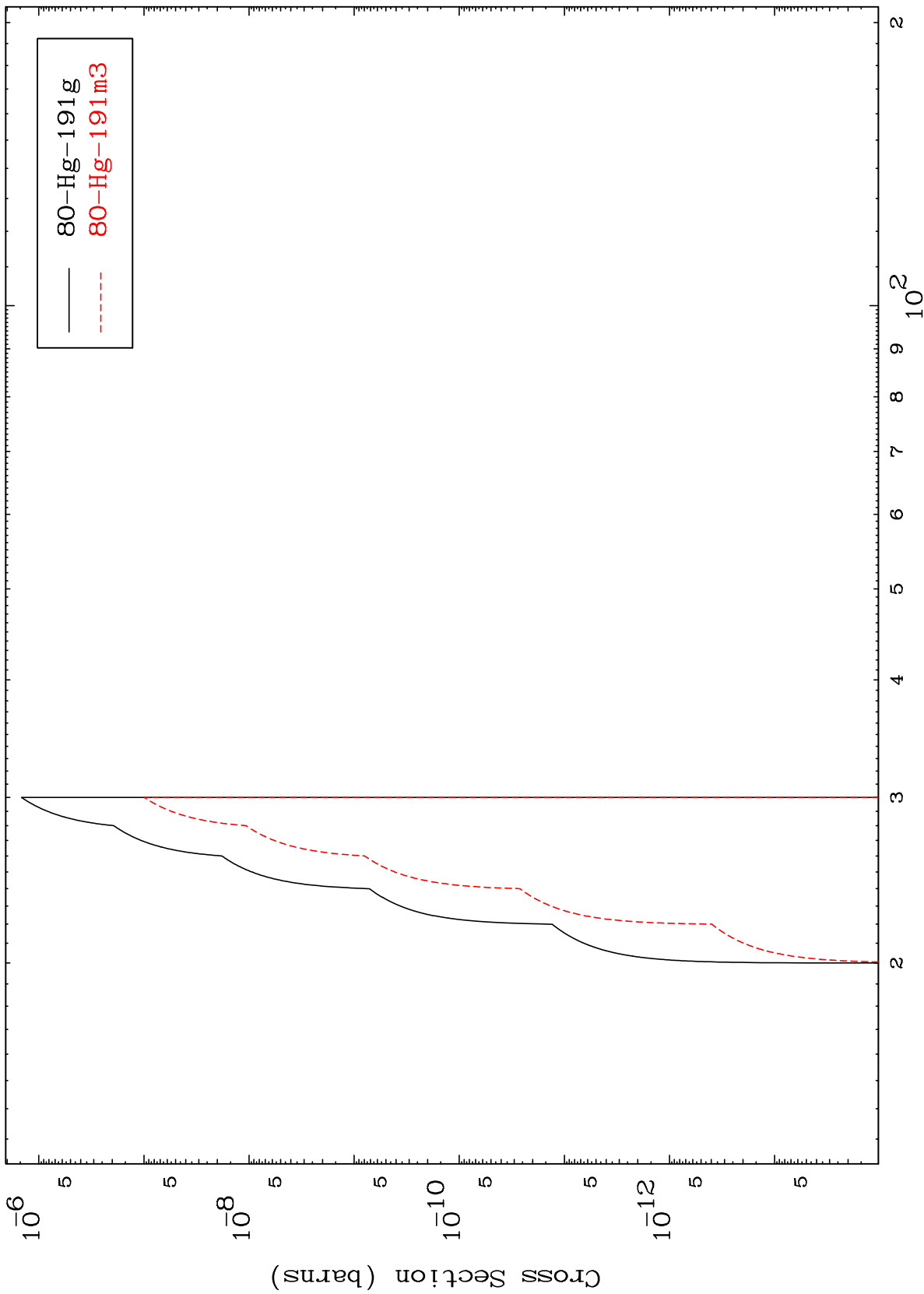


MAT 8204

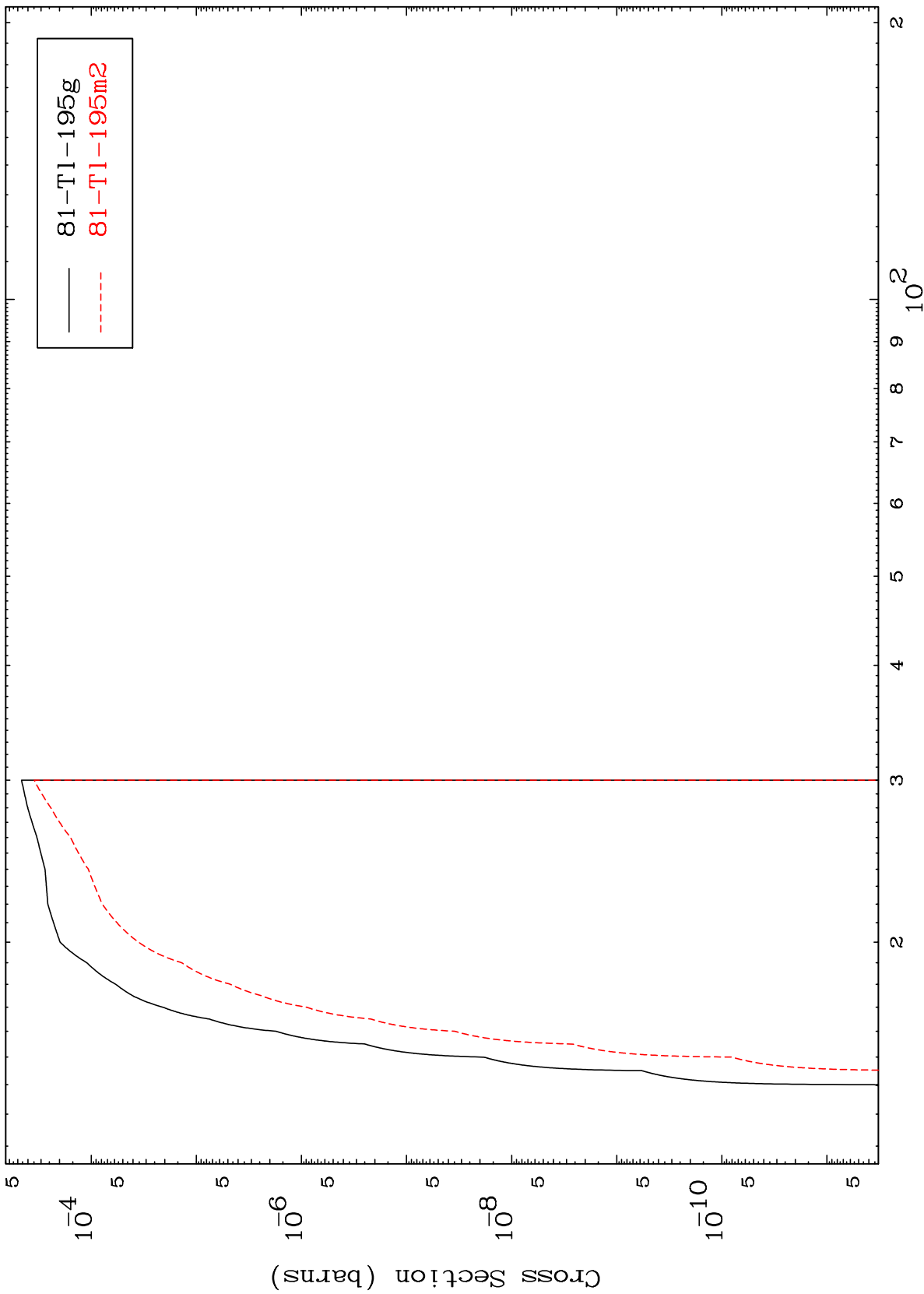
(n,2n)  $\alpha$

82-Pb-197

Radionuclide Production Cross Section



Radionuclide Production Cross Section

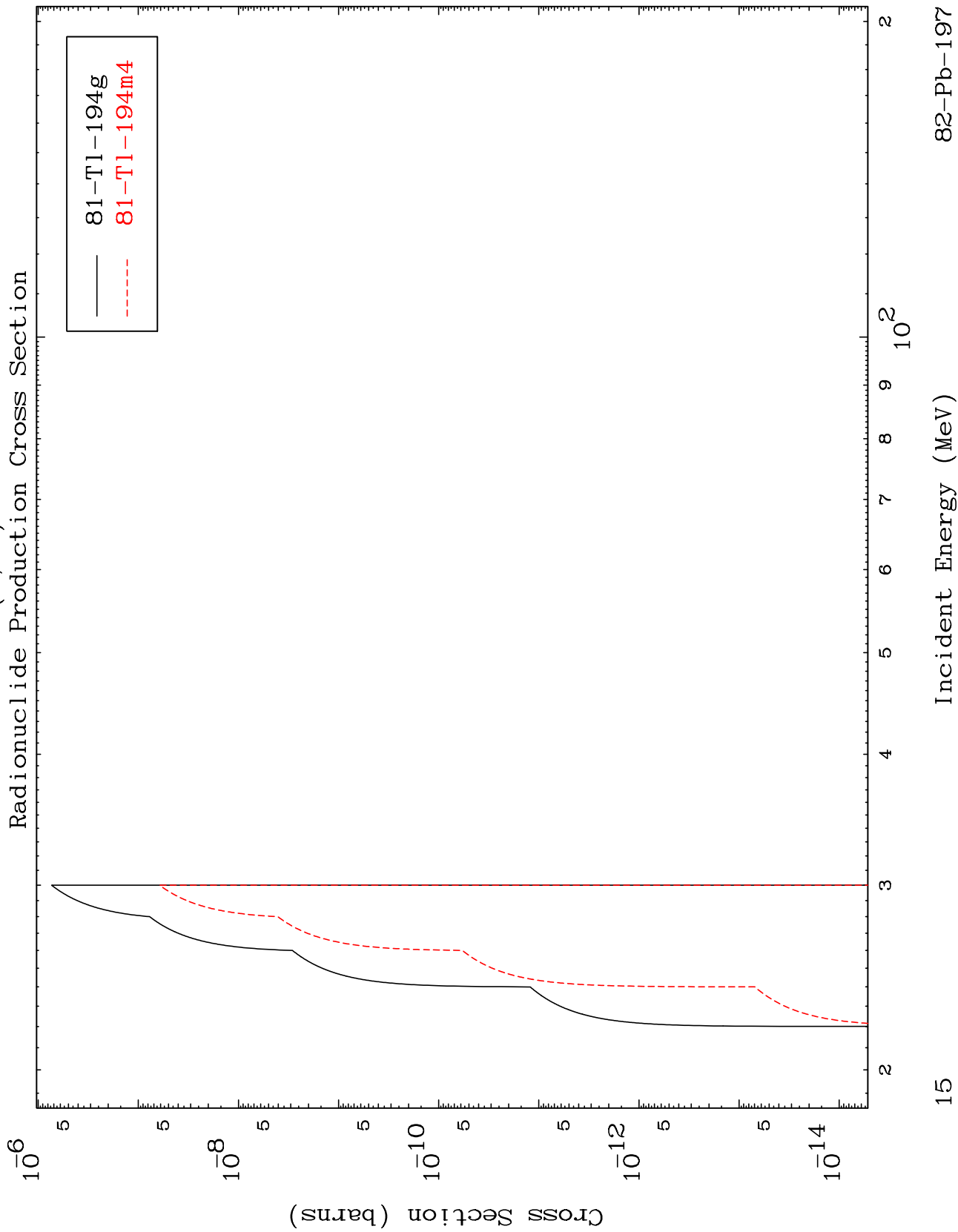


81-Tl-195g  
81-Tl-195m2

MAT 8204

(n,n') d

82-Pb-197



15

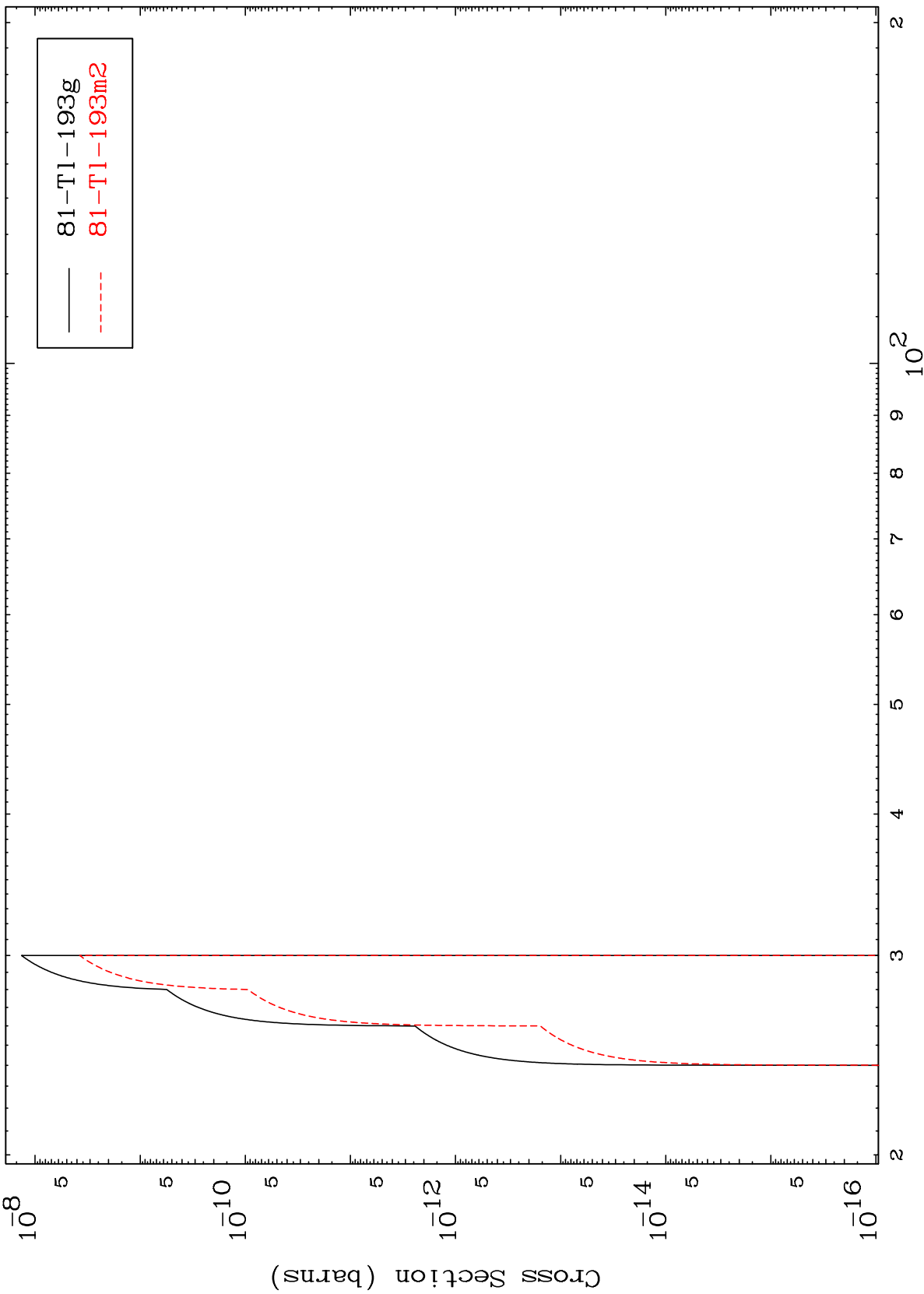
82-Pb-197

MAT 8204

(n,n') t

82-Pb-197

Radionuclide Production Cross Section

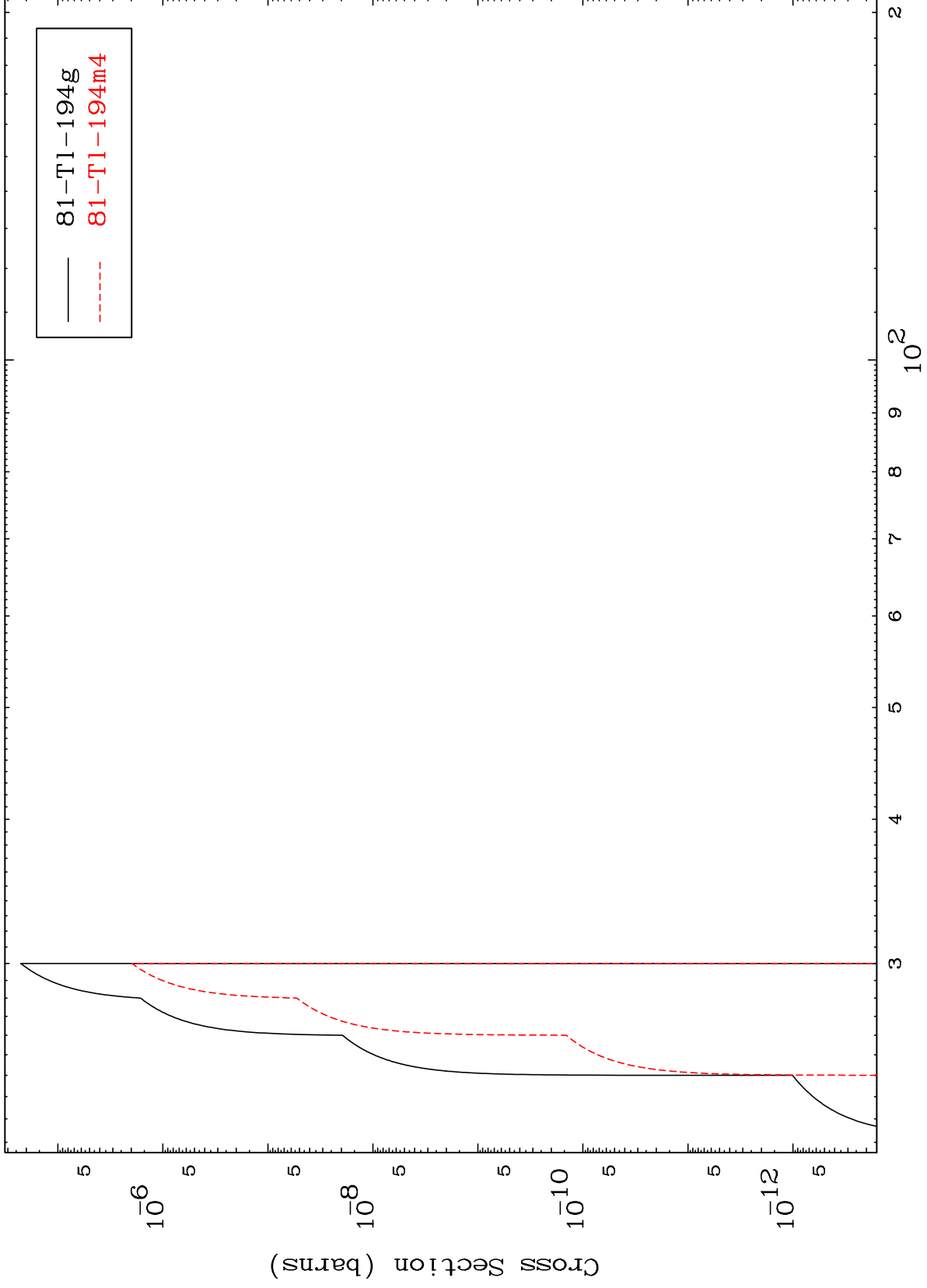


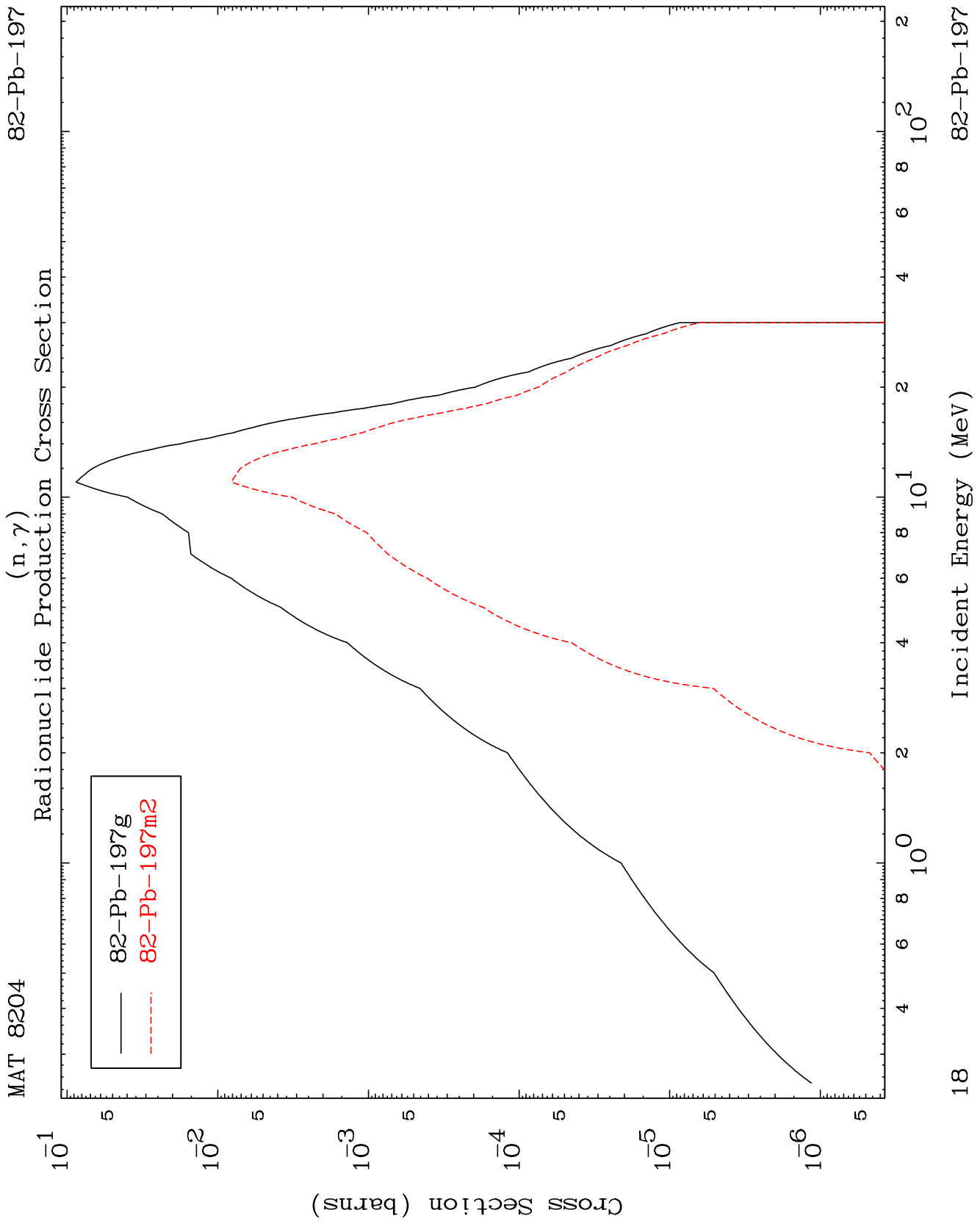
16

Incident Energy (MeV)

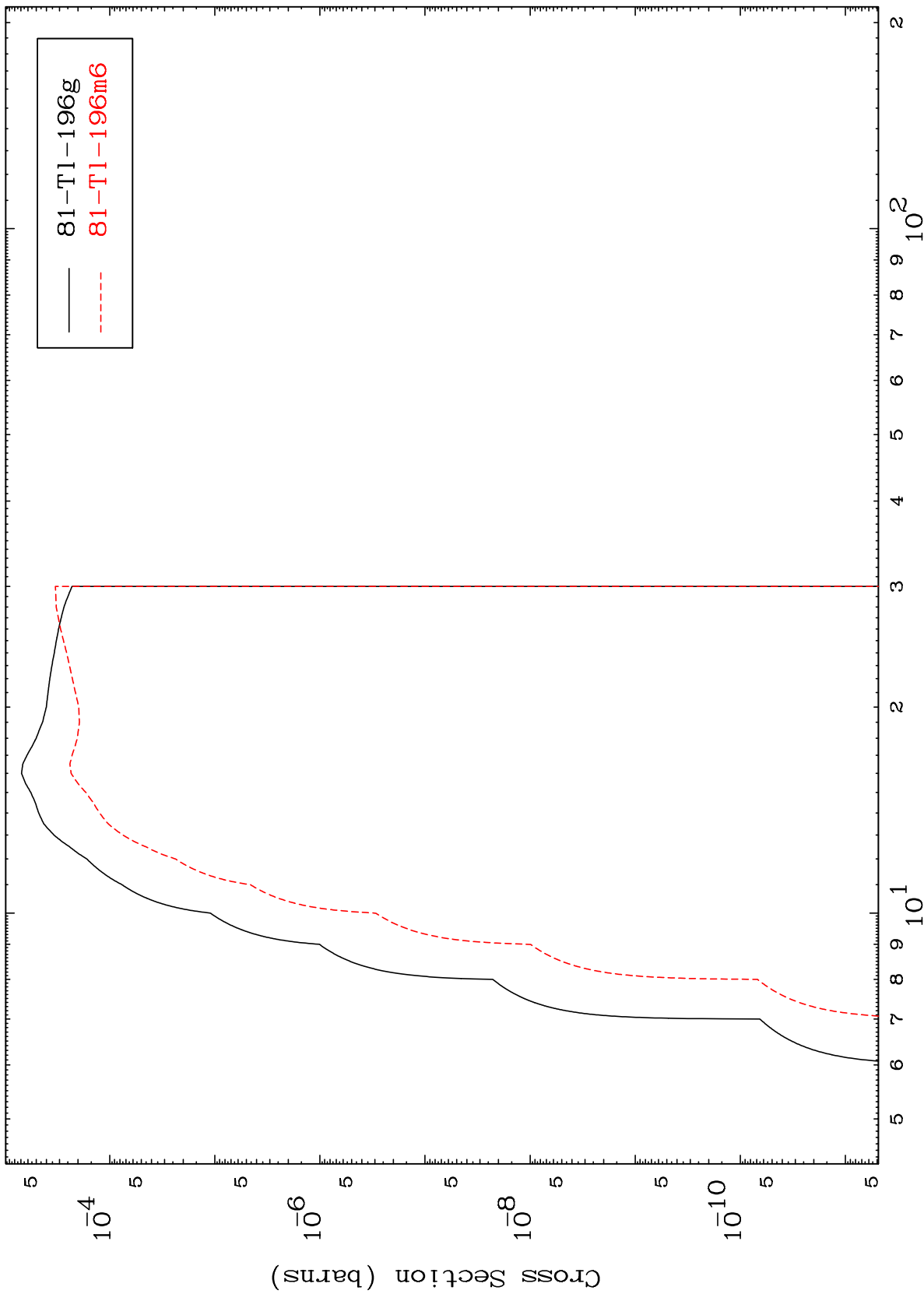
82-Pb-197

Radionuclide Production Cross Section





(n,p)  
Radionuclide Production Cross Section

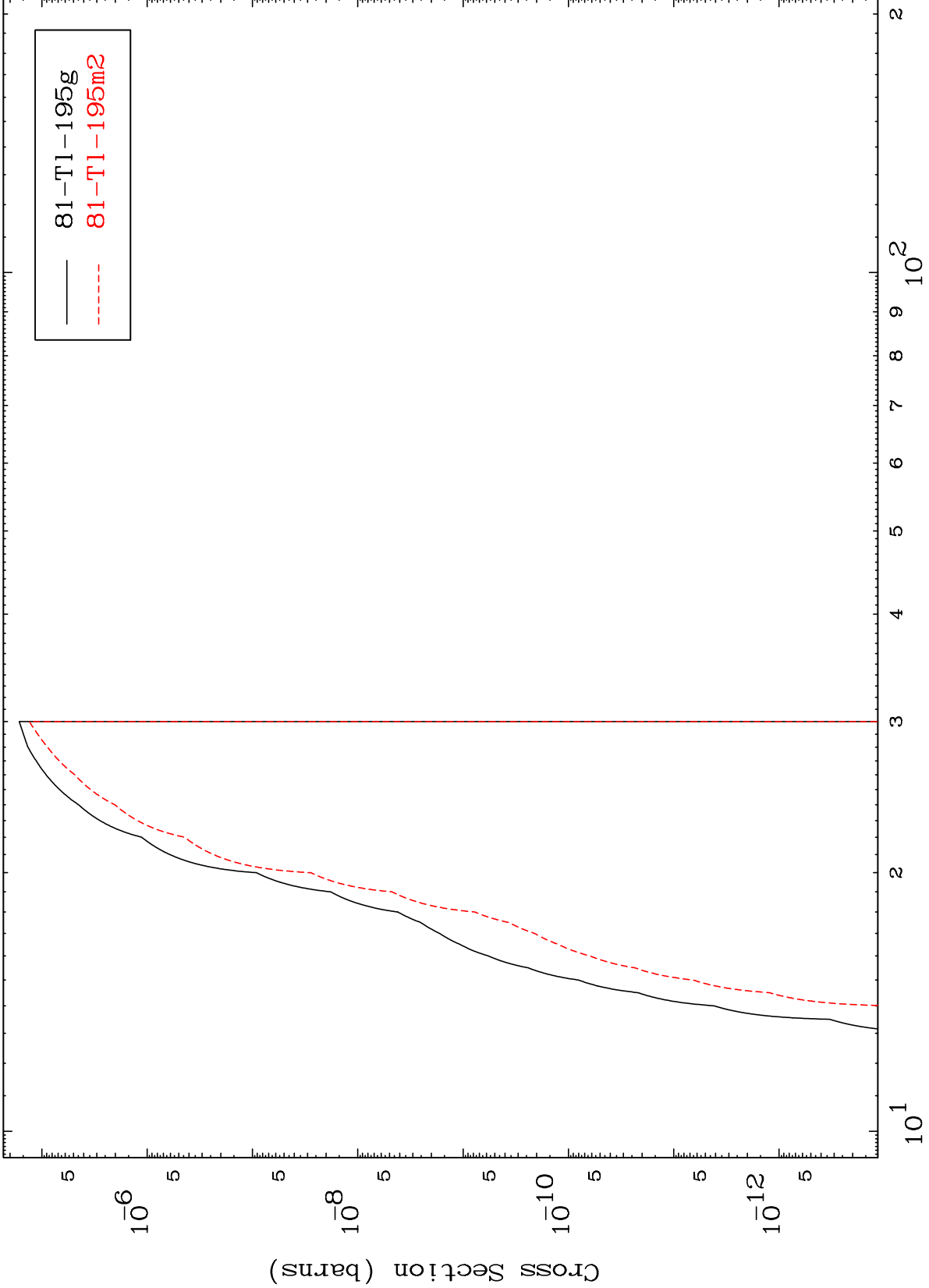


MAT 8204

(n,d)

82-Pb-197

Radionuclide Production Cross Section

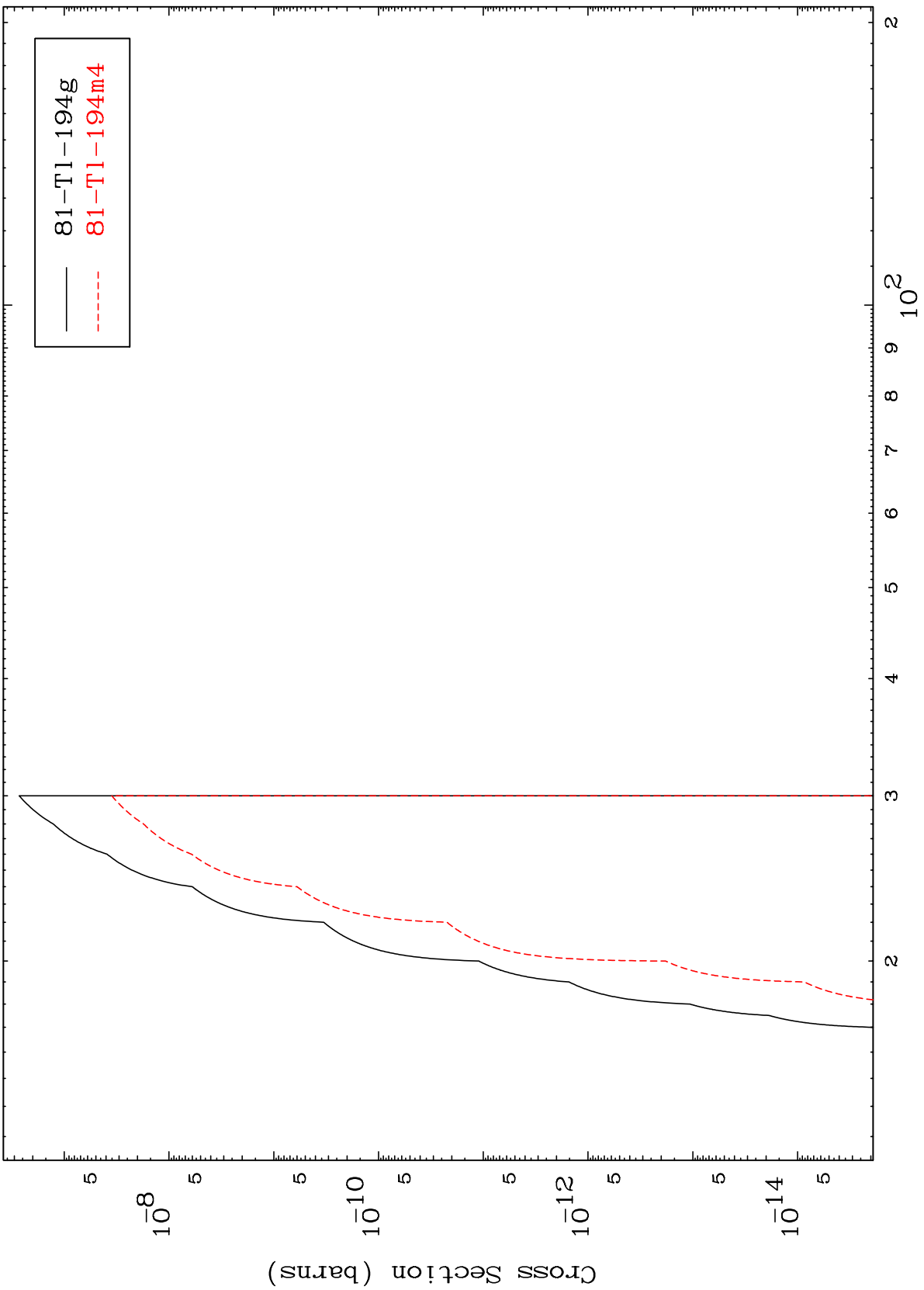


20

Incident Energy (MeV)

82-Pb-197

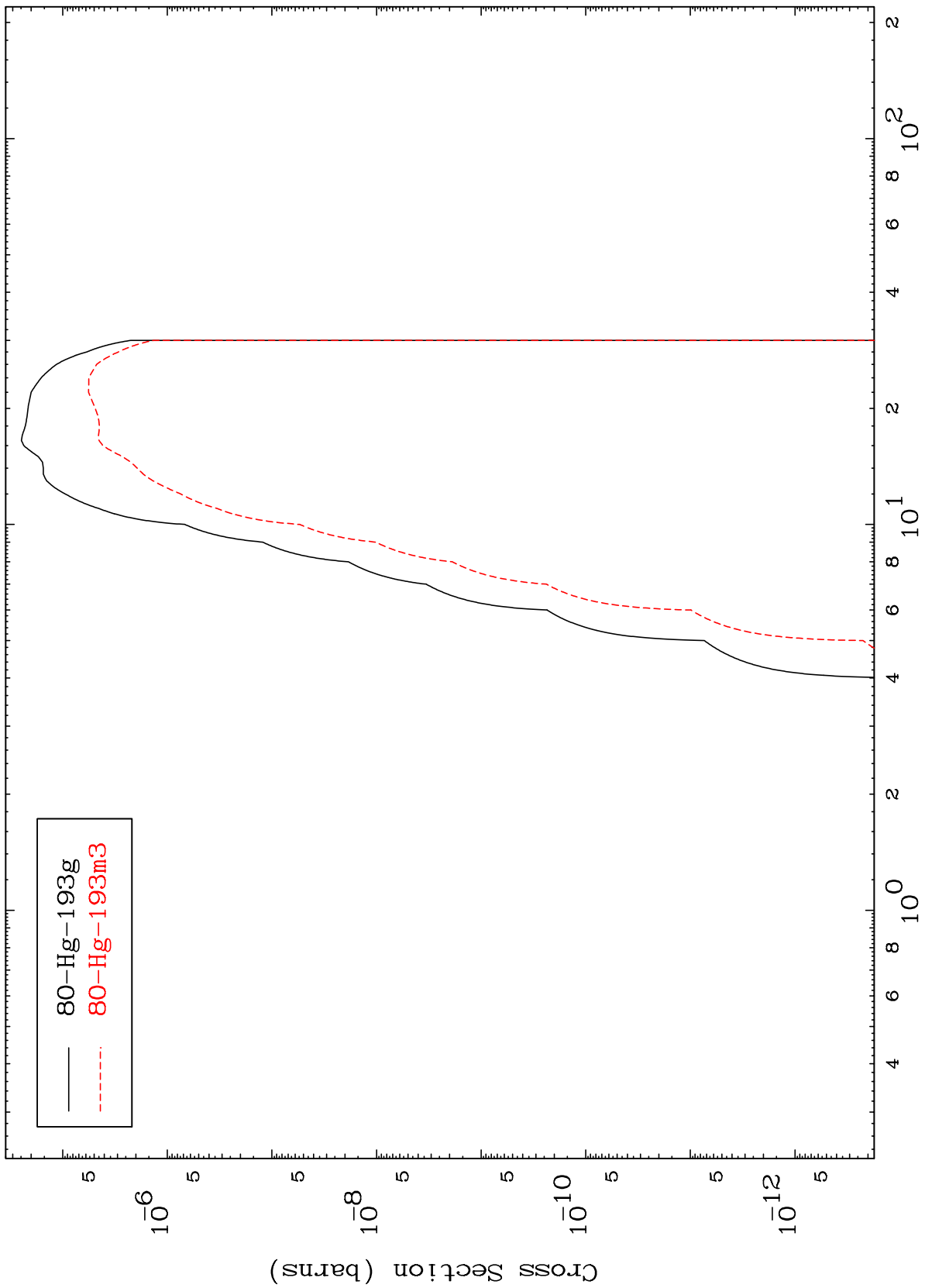
(n, t)  
Radionuclide Production Cross Section



MAT 8204

82-Pb-197

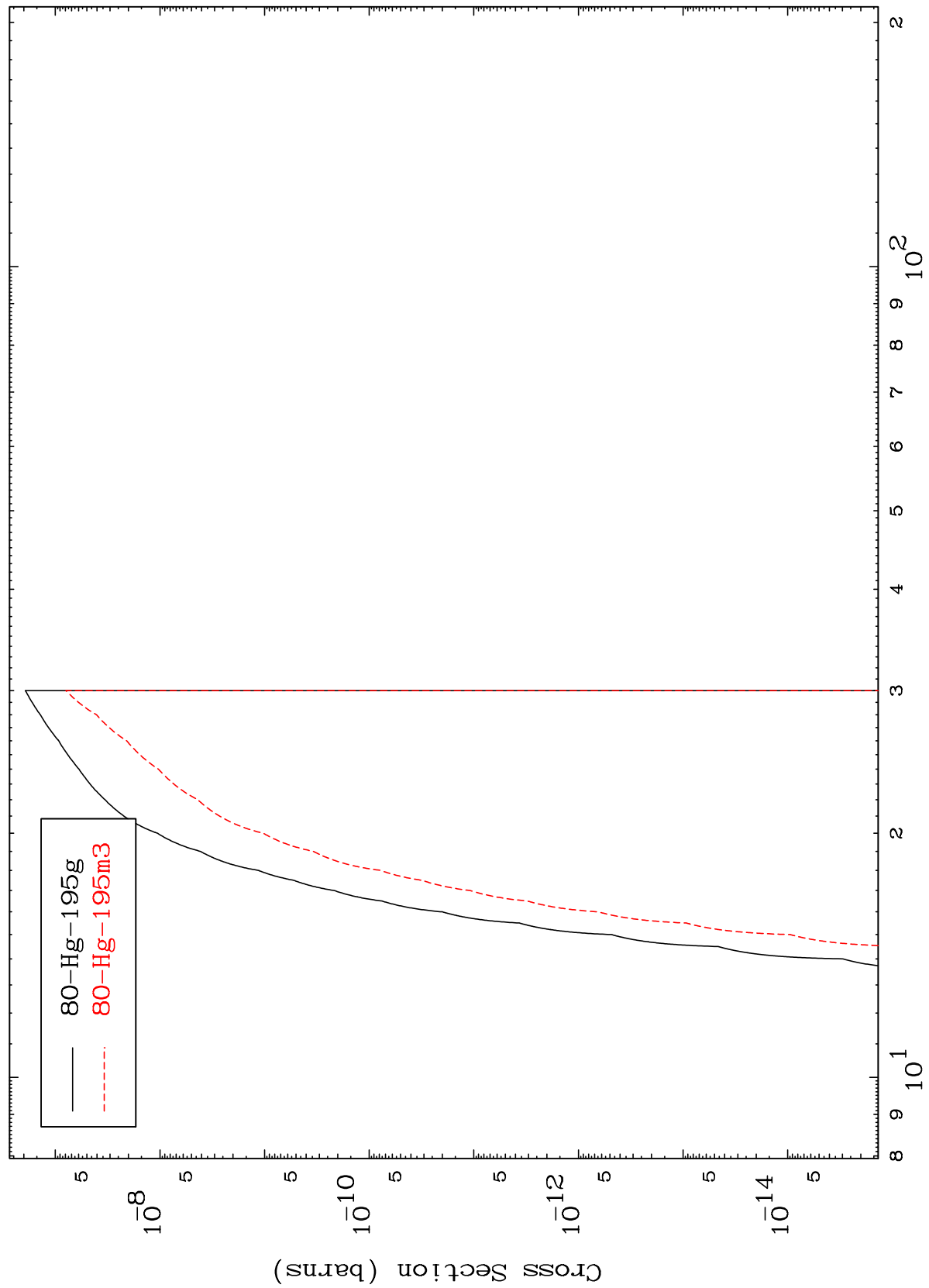
(n,  $\alpha$ )  
Radionuclide Production Cross Section



MAT 8204

82-Pb-197

(n,2p)  
Radionuclide Production Cross Section



23

Incident Energy (MeV)

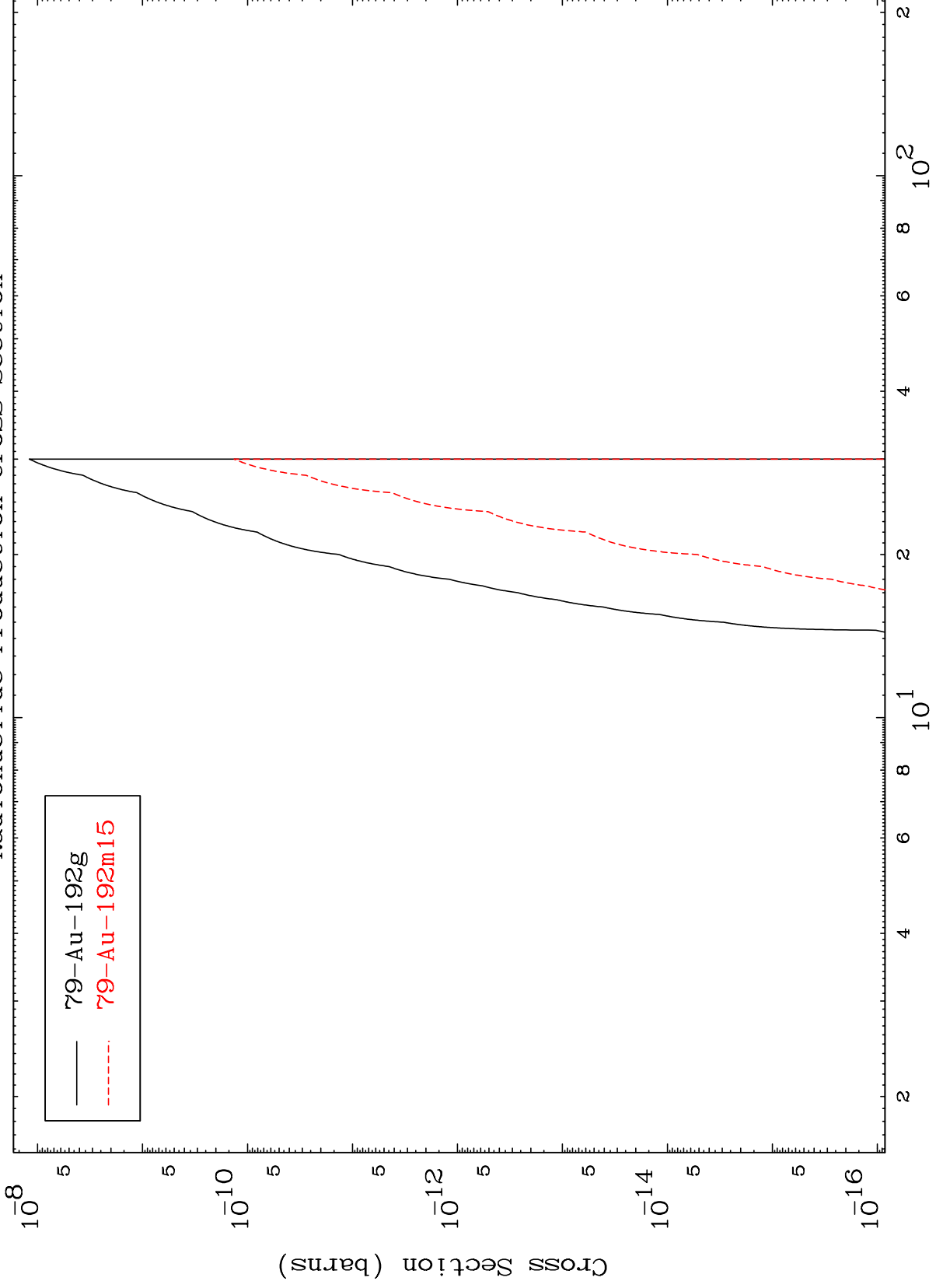
82-Pb-197

MAT 8204

(n,p)  $\alpha$

82-Pb-197

Radionuclide Production Cross Section



24

Incident Energy (MeV)

82-Pb-197