

Program EVALPLOT  
(Version 2017-1)

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

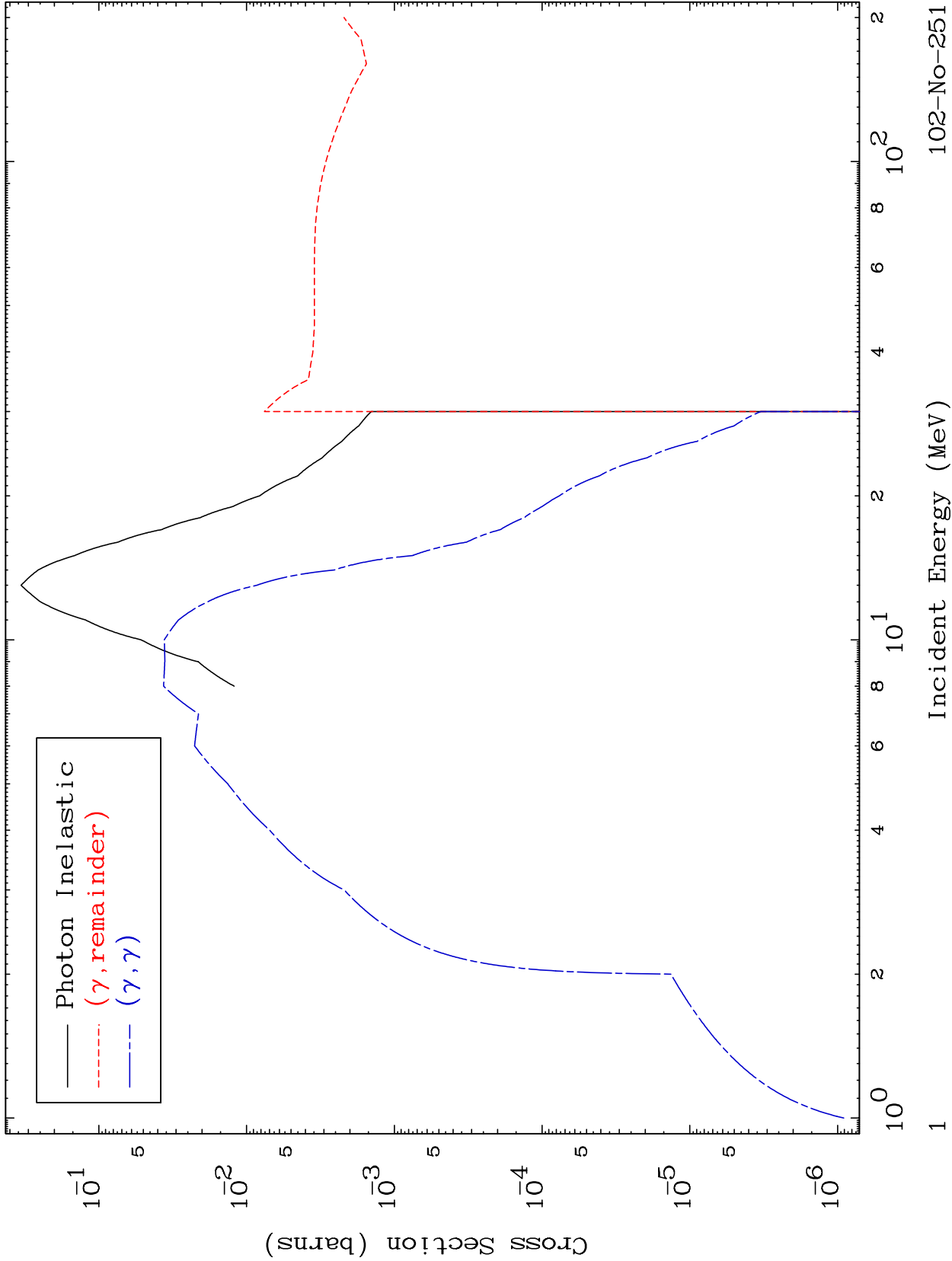
Press Mouse Button to Start

MAT 9974

Photon Major

102-No-251

0 Kelvin Cross Sections



— Photon Inelastic  
- - -  $(\gamma, \text{remainder})$   
- - -  $(\gamma, \gamma)$

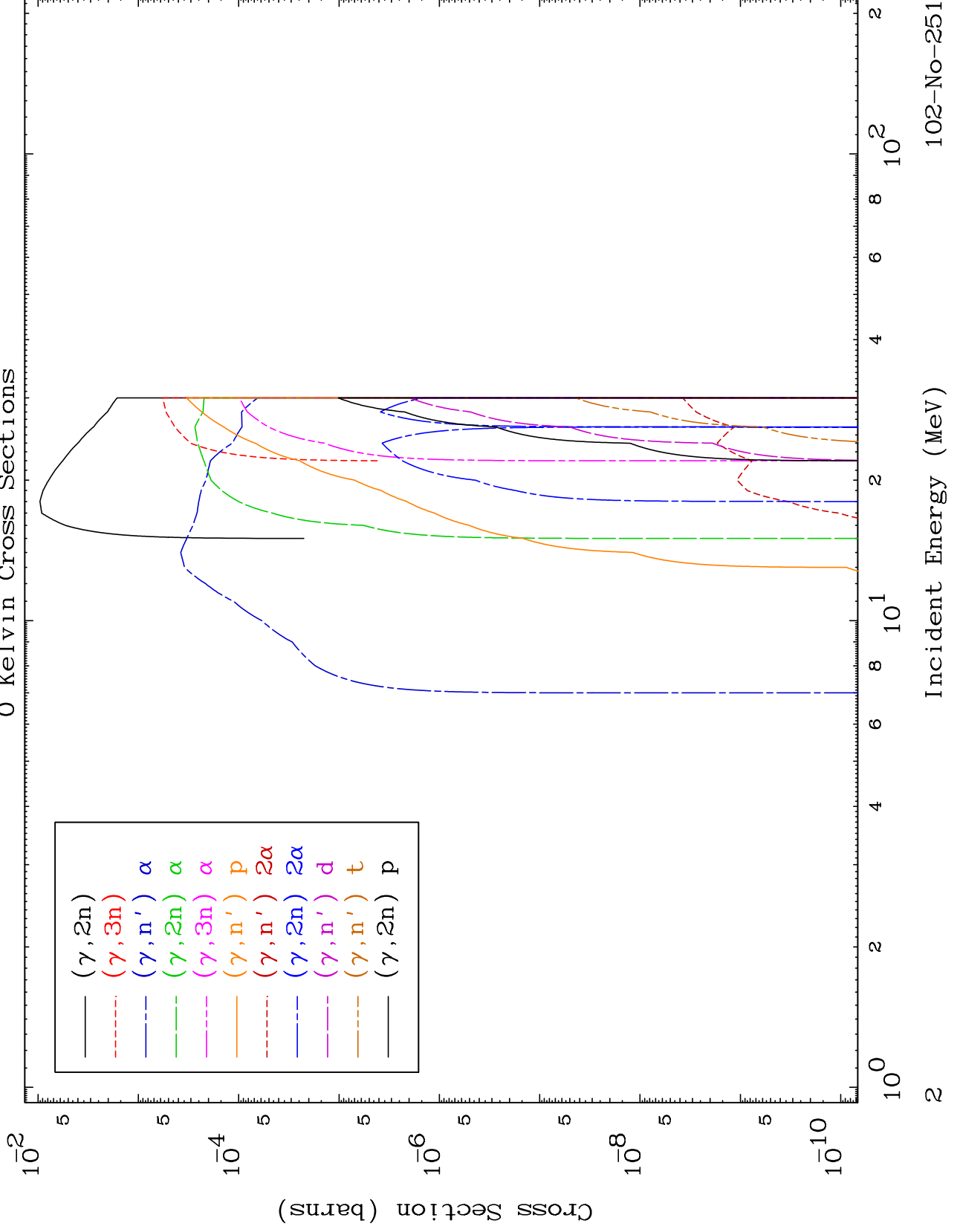
102-No-251

Incident Energy (MeV)

MAT 9974

Photon Neutron Production  
0 Kelvin Cross Sections

102-No-251



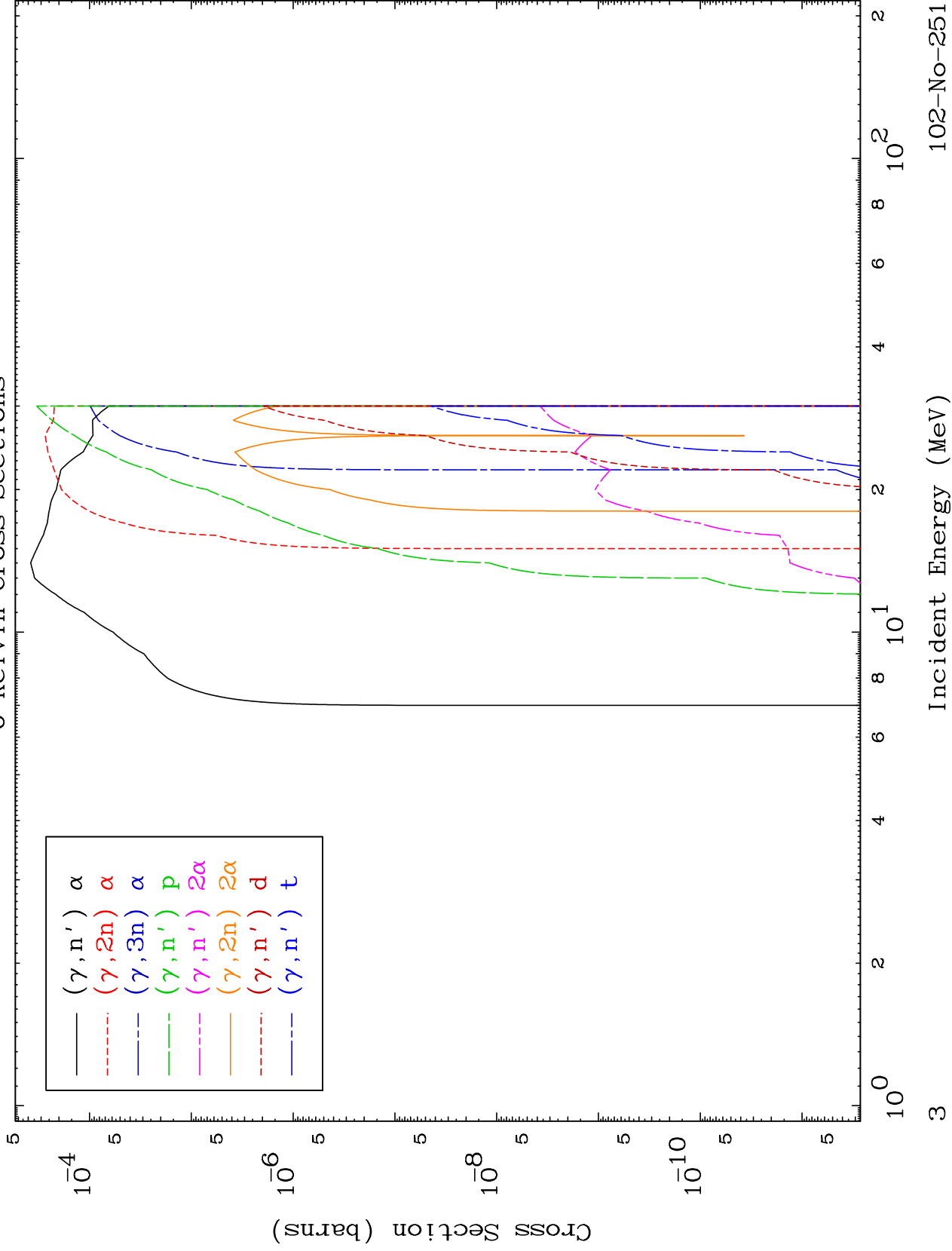
102-No-251

Incident Energy (MeV)

MAT 9974

Photon Charged Particle  
0 Kelvin Cross Sections

102-No-251



Incident Energy (MeV)

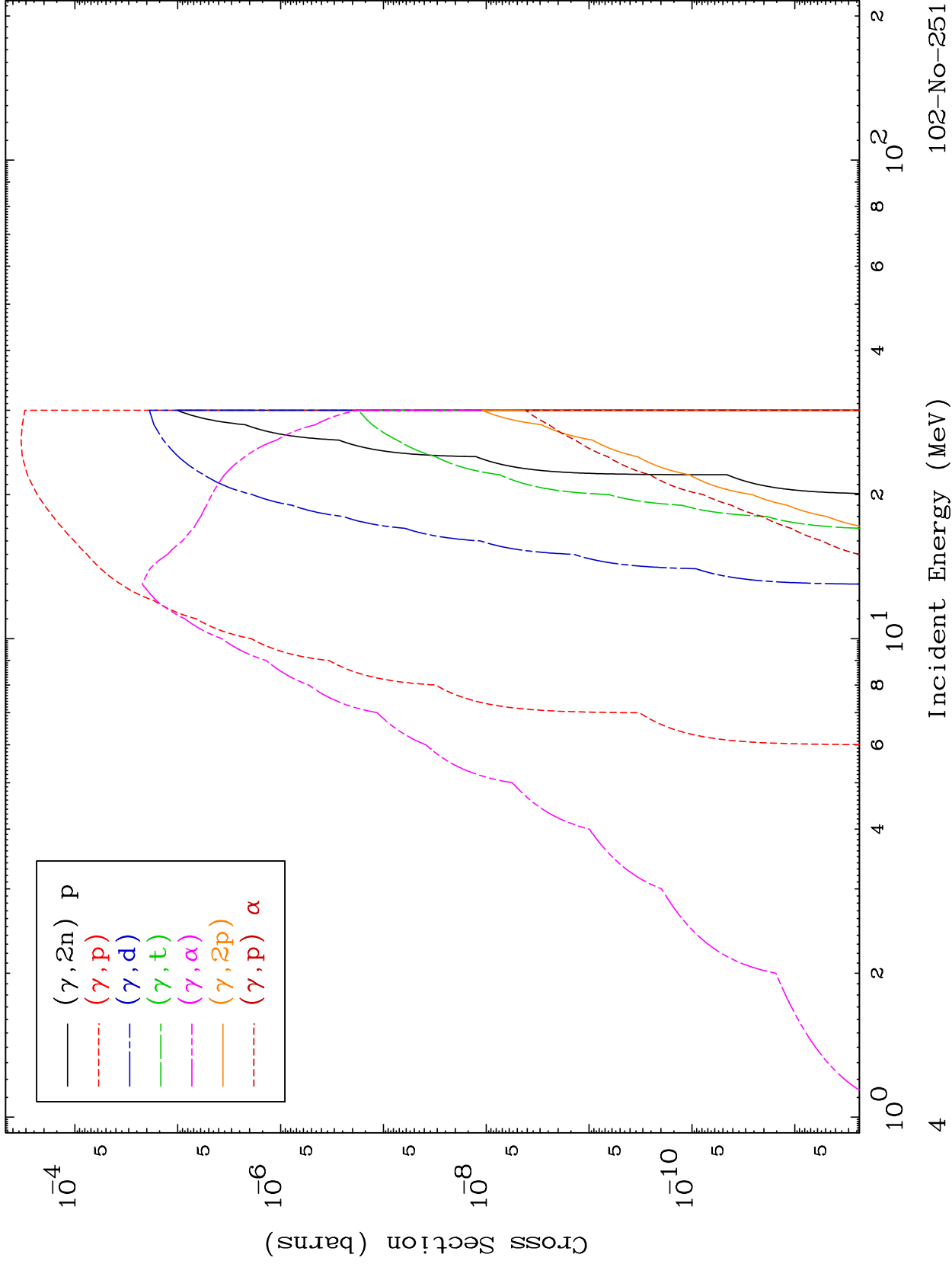
102-No-251

3

MAT 9974

Photon Charged Particle  
0 Kelvin Cross Sections

102-No-251



102-No-251

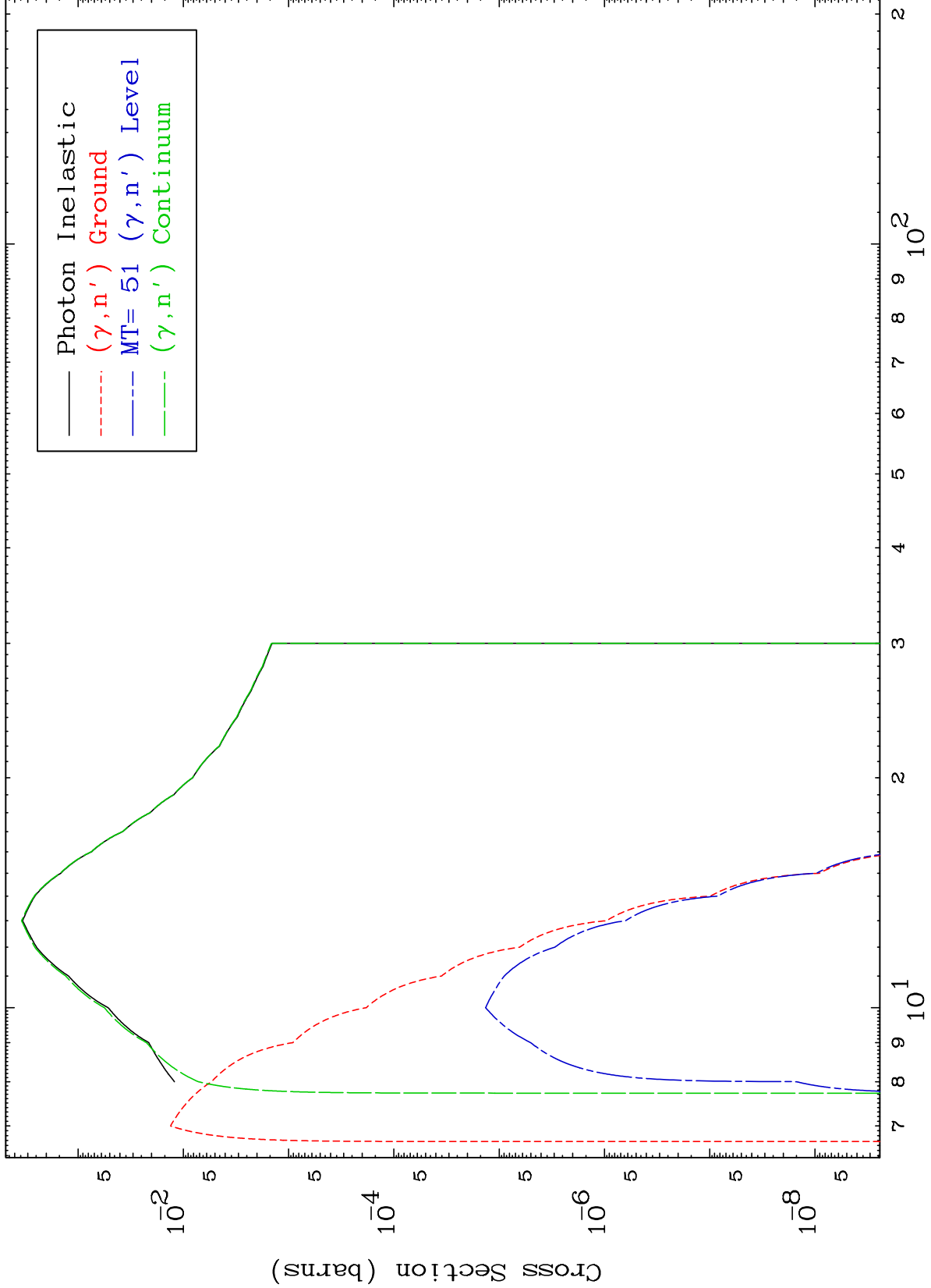
Incident Energy (MeV)

MAT 9974

( $\gamma, n'$ ) Level

102-No-251

0 Kelvin Cross Sections



Incident Energy (MeV)

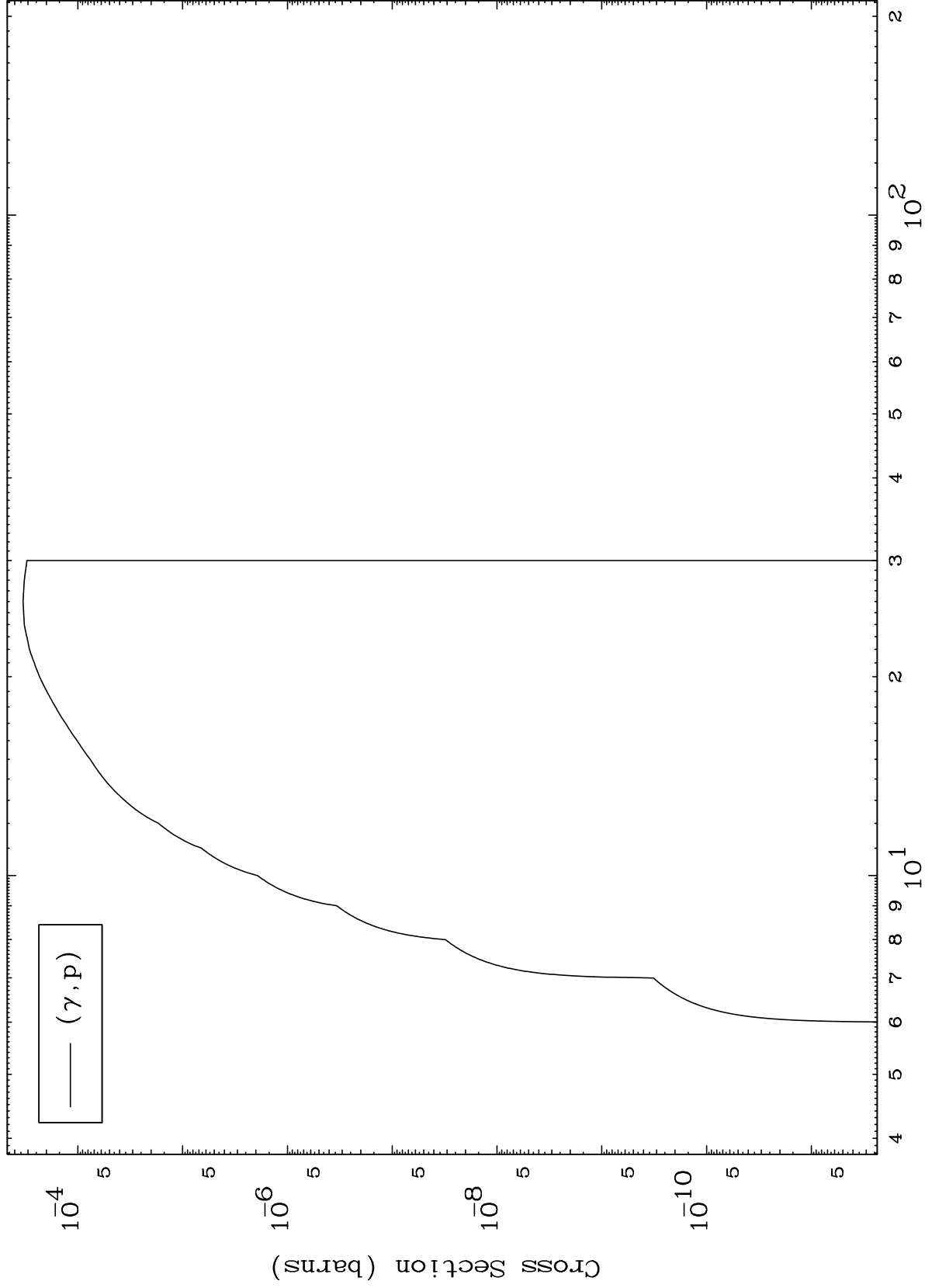
102-No-251

5

MAT 9974

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

102-No-251



6

Incident Energy (MeV)

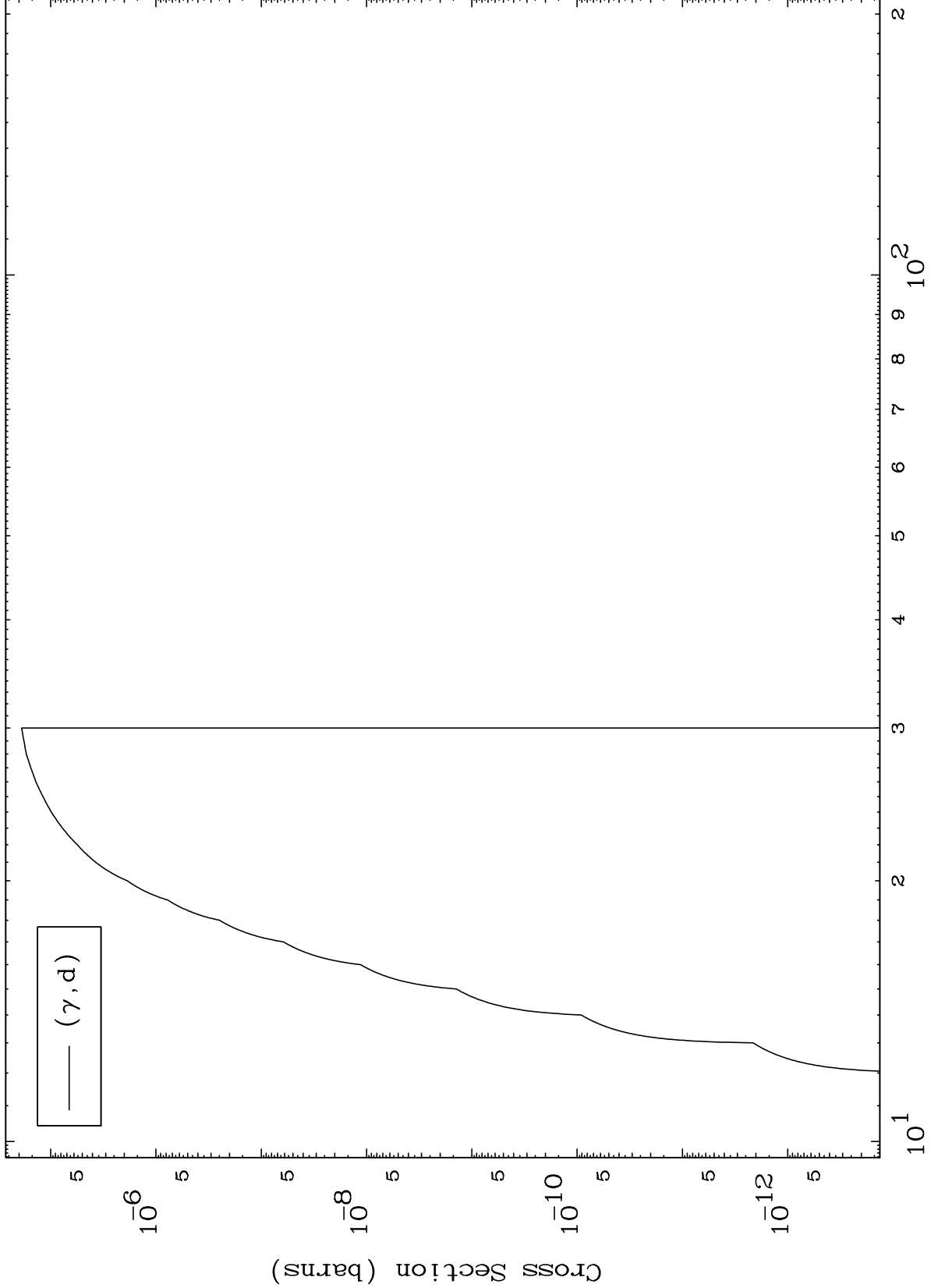
102-No-251

MAT 9974

( $\gamma, d$ ) Levels

102-No-251

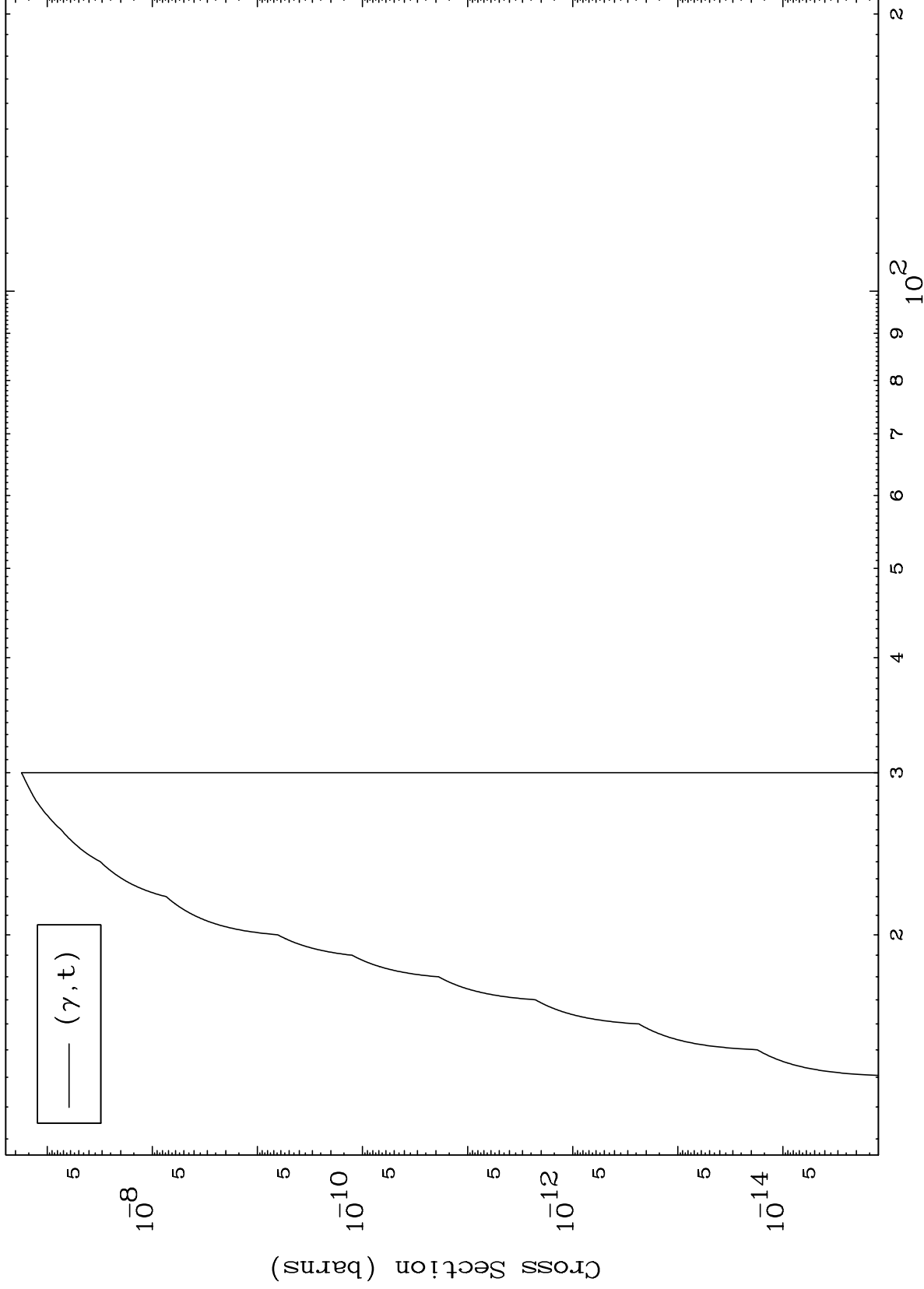
0 Kelvin Cross Sections



Incident Energy (MeV)

102-No-251



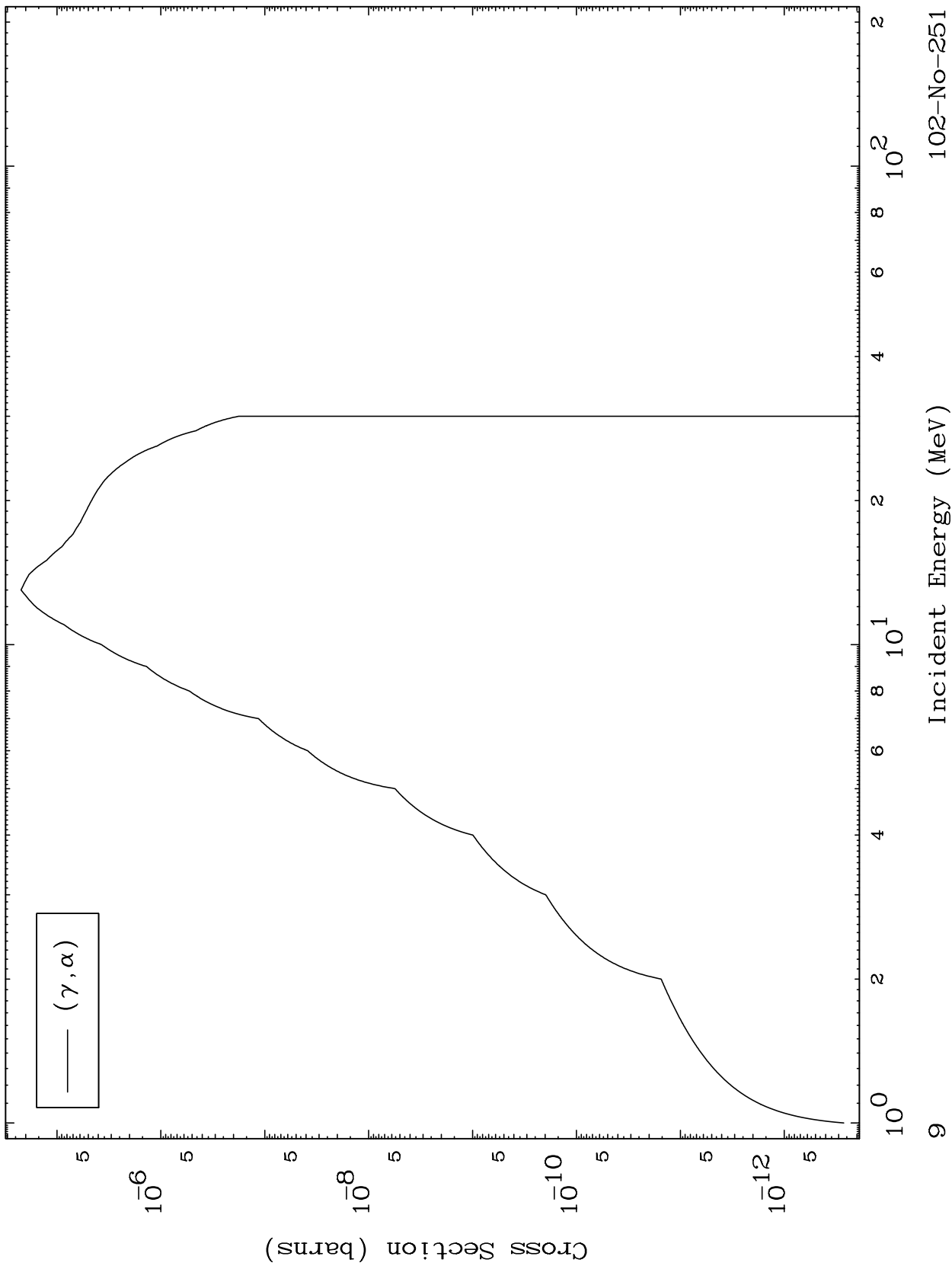


MAT 9974

( $\gamma, \alpha$ ) Levels

102-No-251

0 Kelvin Cross Sections



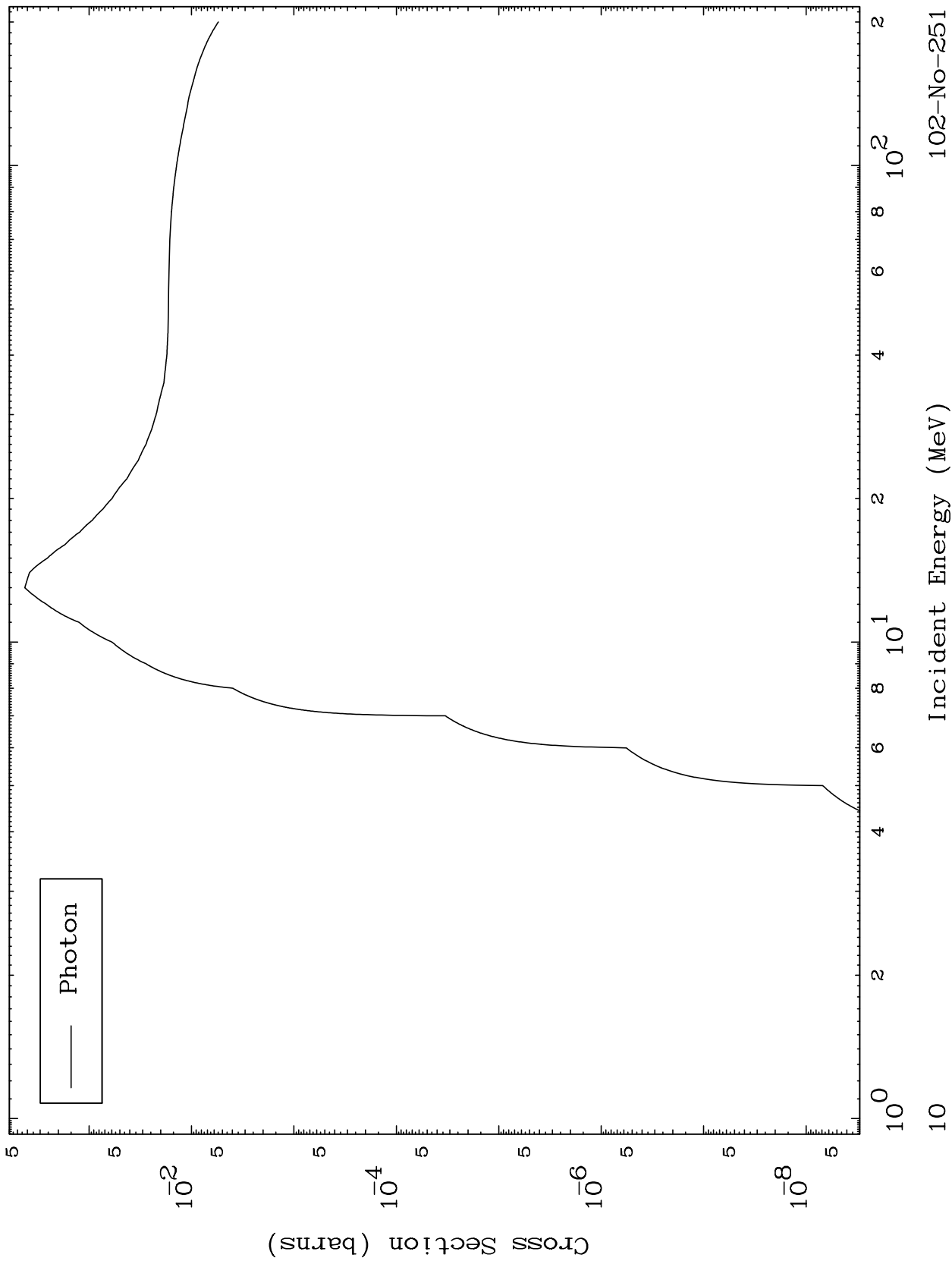
Incident Energy (MeV)

102-No-251

MAT 9974

102-No-251

Photon Fission  
Radionuclide Production Cross Section



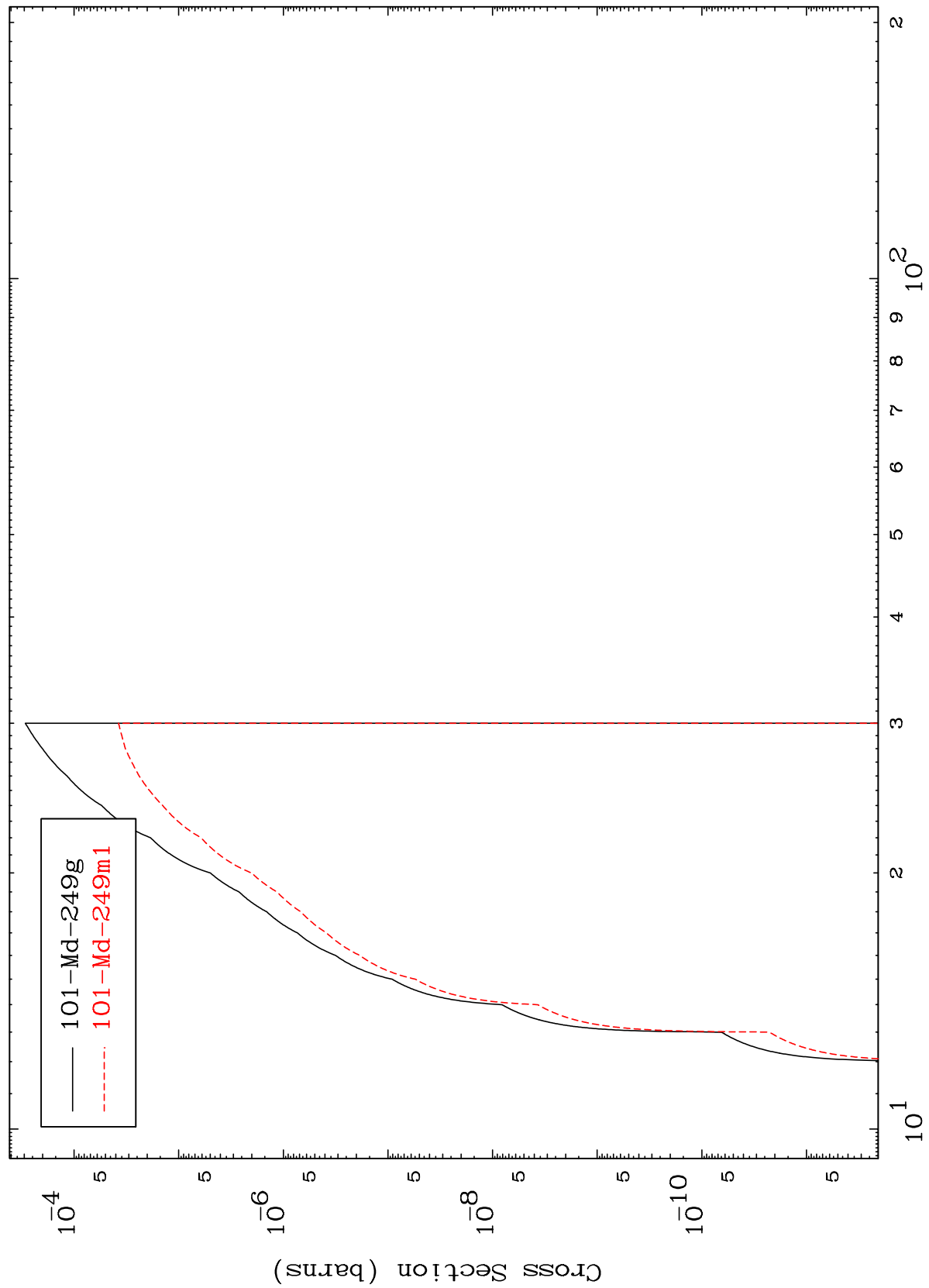
102-No-251

MAT 9974

( $\gamma, n'$ ) p

102-No-251

Radionuclide Production Cross Section



11

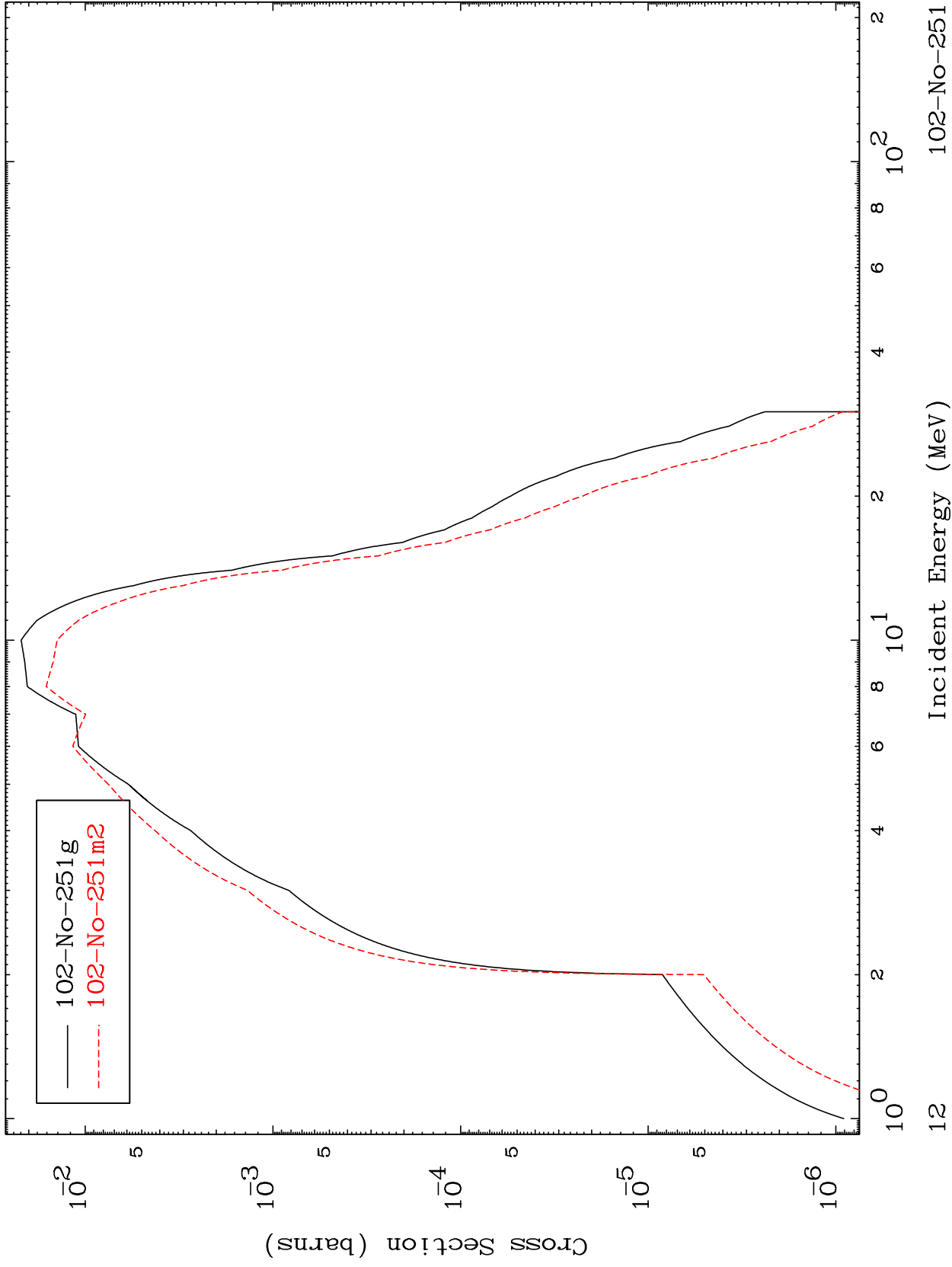
Incident Energy (MeV)

102-No-251

MAT 9974

102-No-251

Radionuclide Production Cross Section  
( $\gamma, \gamma$ )



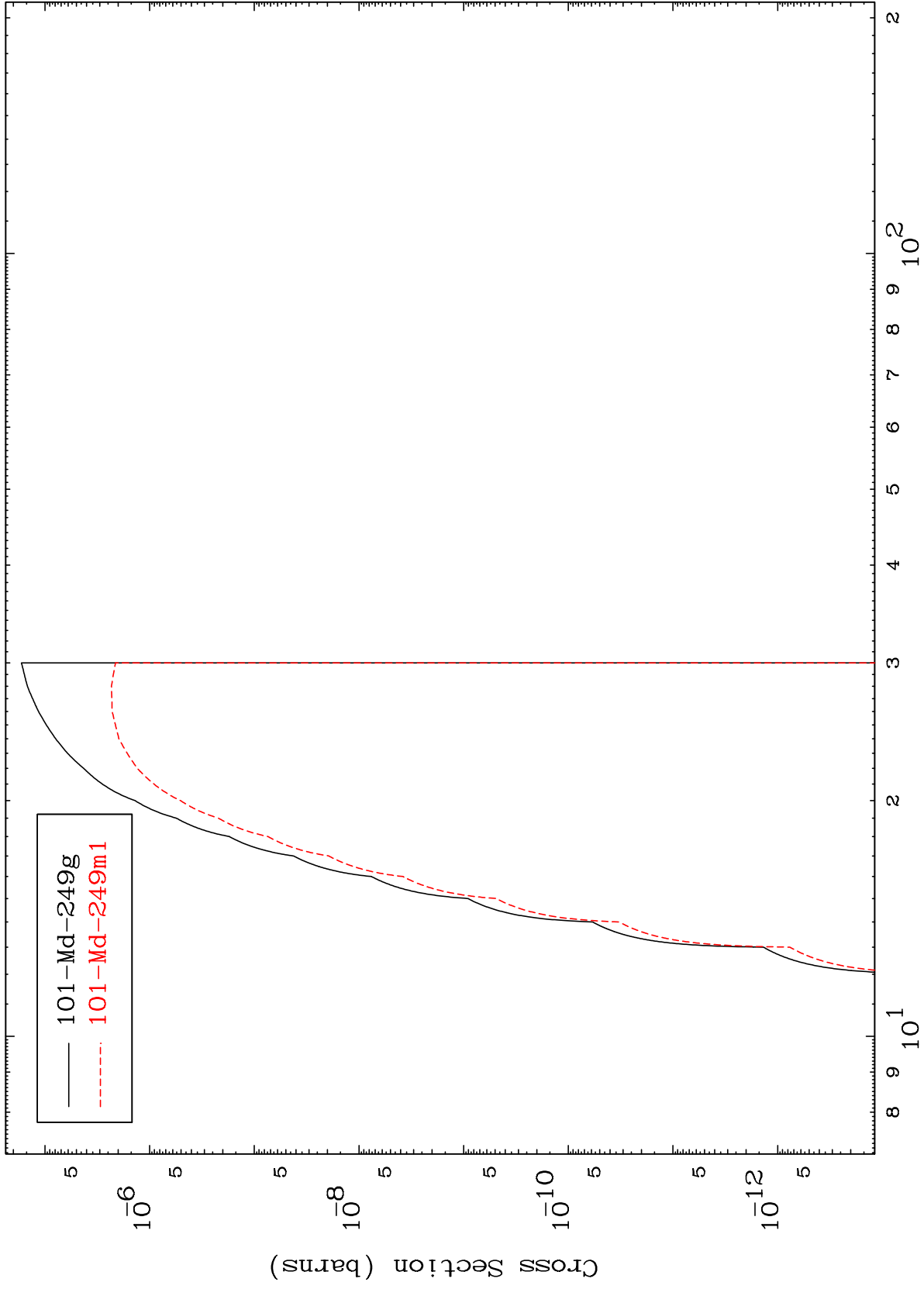
12

102-No-251

MAT 9974

102-No-251

( $\gamma, d$ )  
Radionuclide Production Cross Section



13

Incident Energy (MeV)

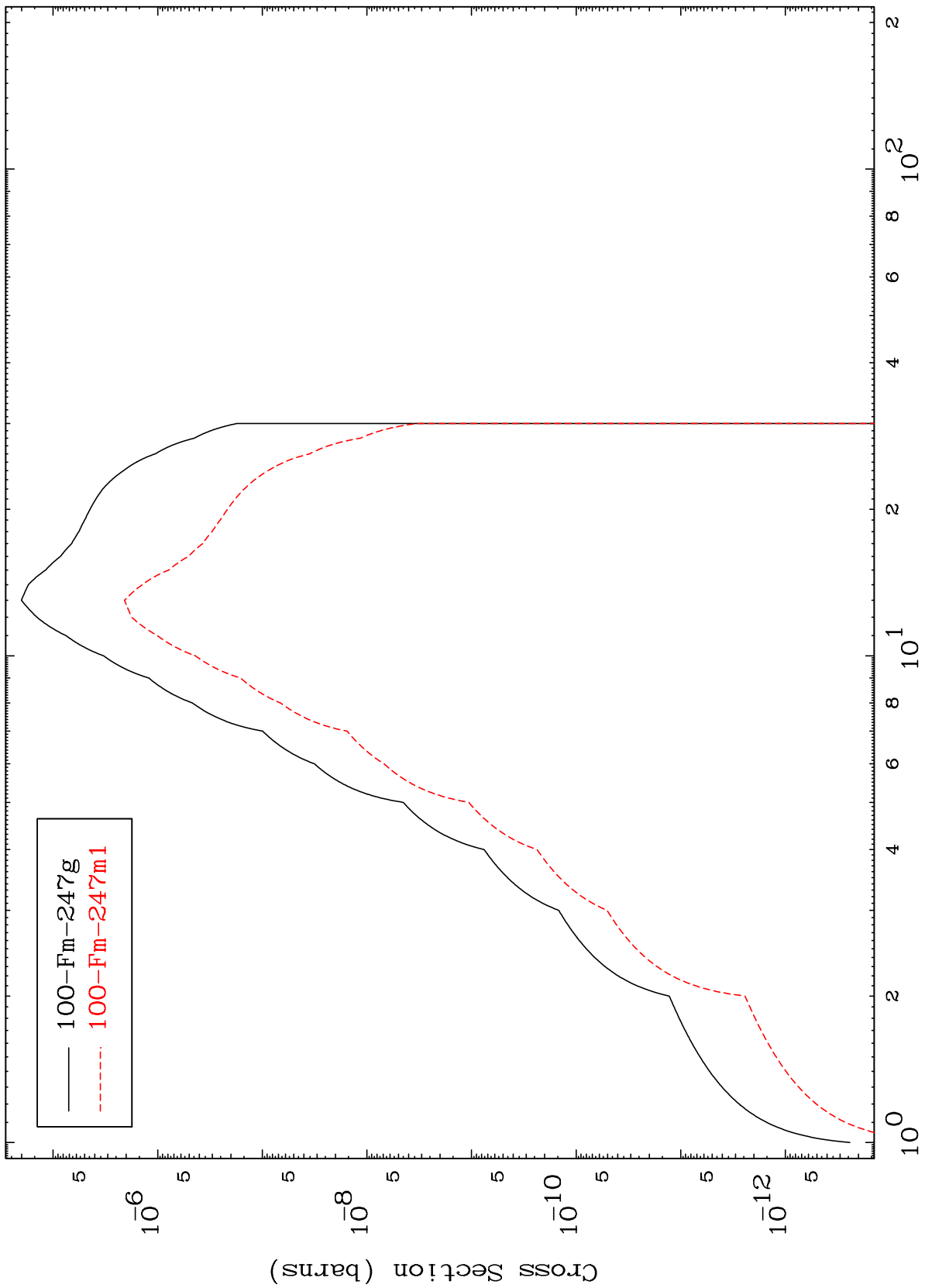
102-No-251

MAT 9974

102-No-251

Radionuclide Production Cross Section

( $\gamma, \alpha$ )



— 100-Fm-247g  
- - - 100-Fm-247m1

102-No-251

Incident Energy (MeV)

14