

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

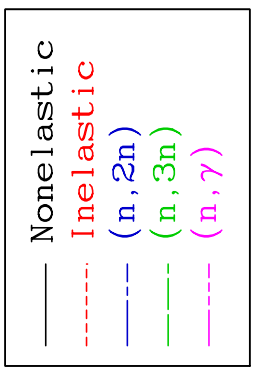
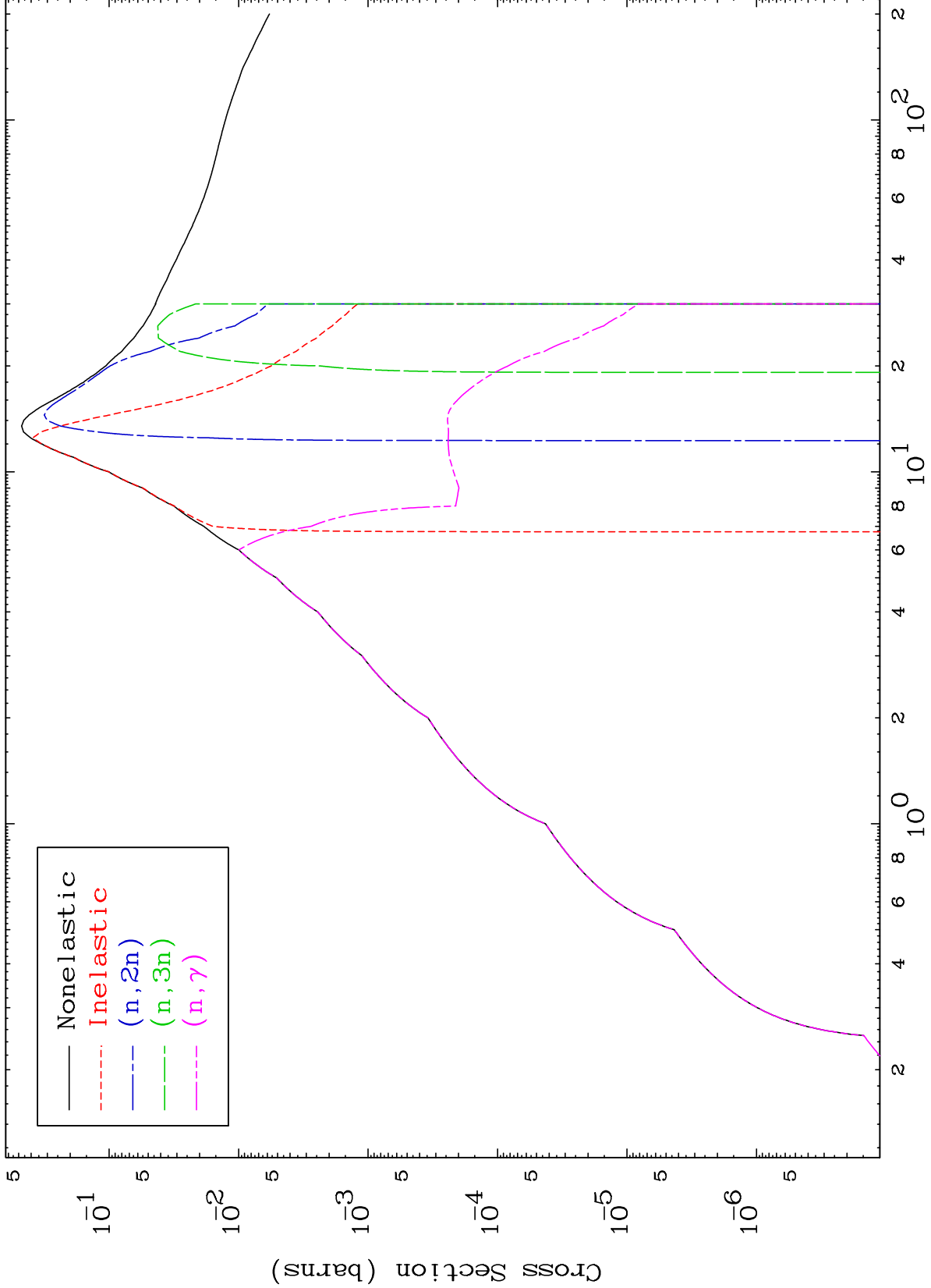
Press Mouse Button to Start

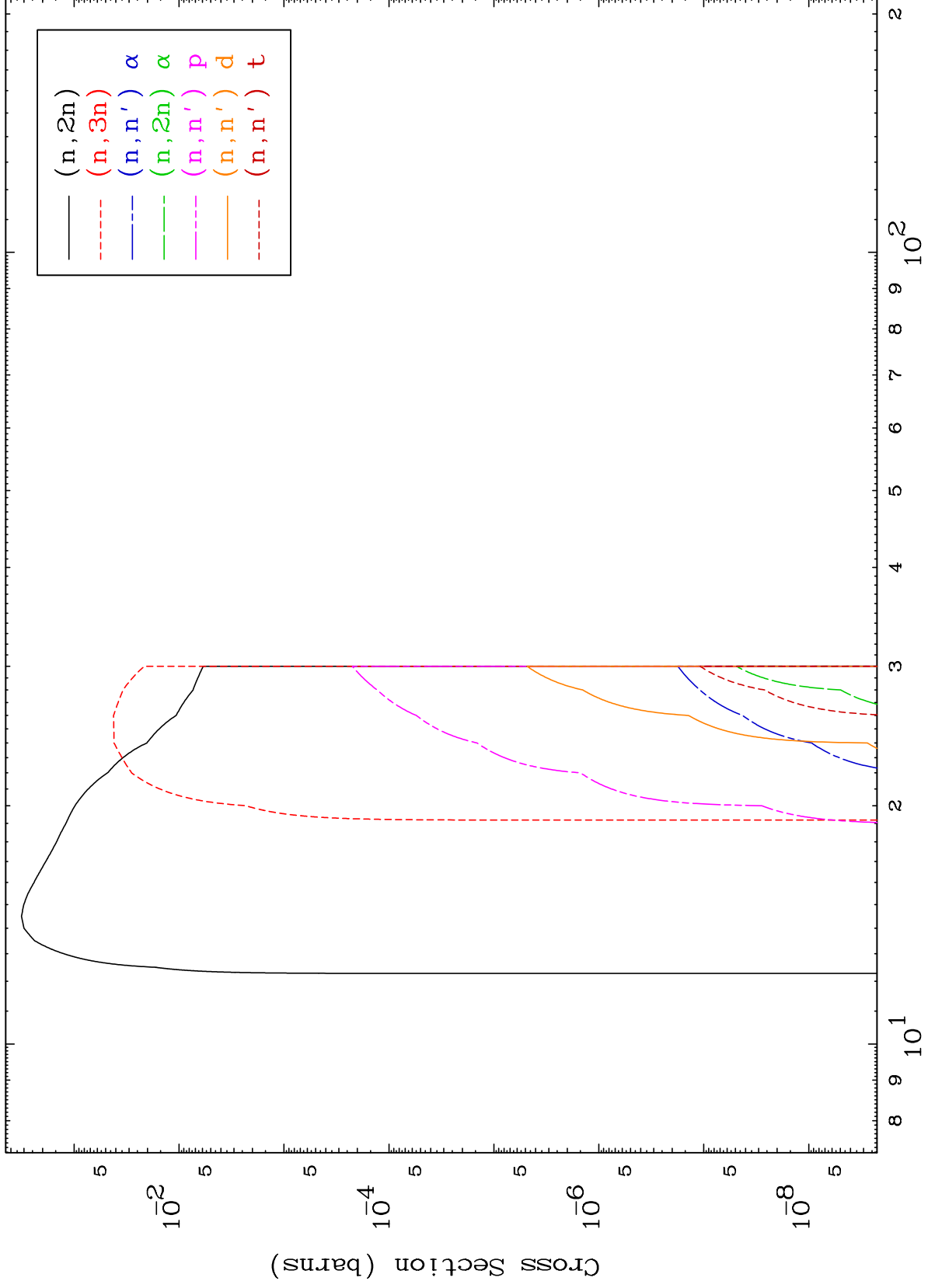
MAT 7749

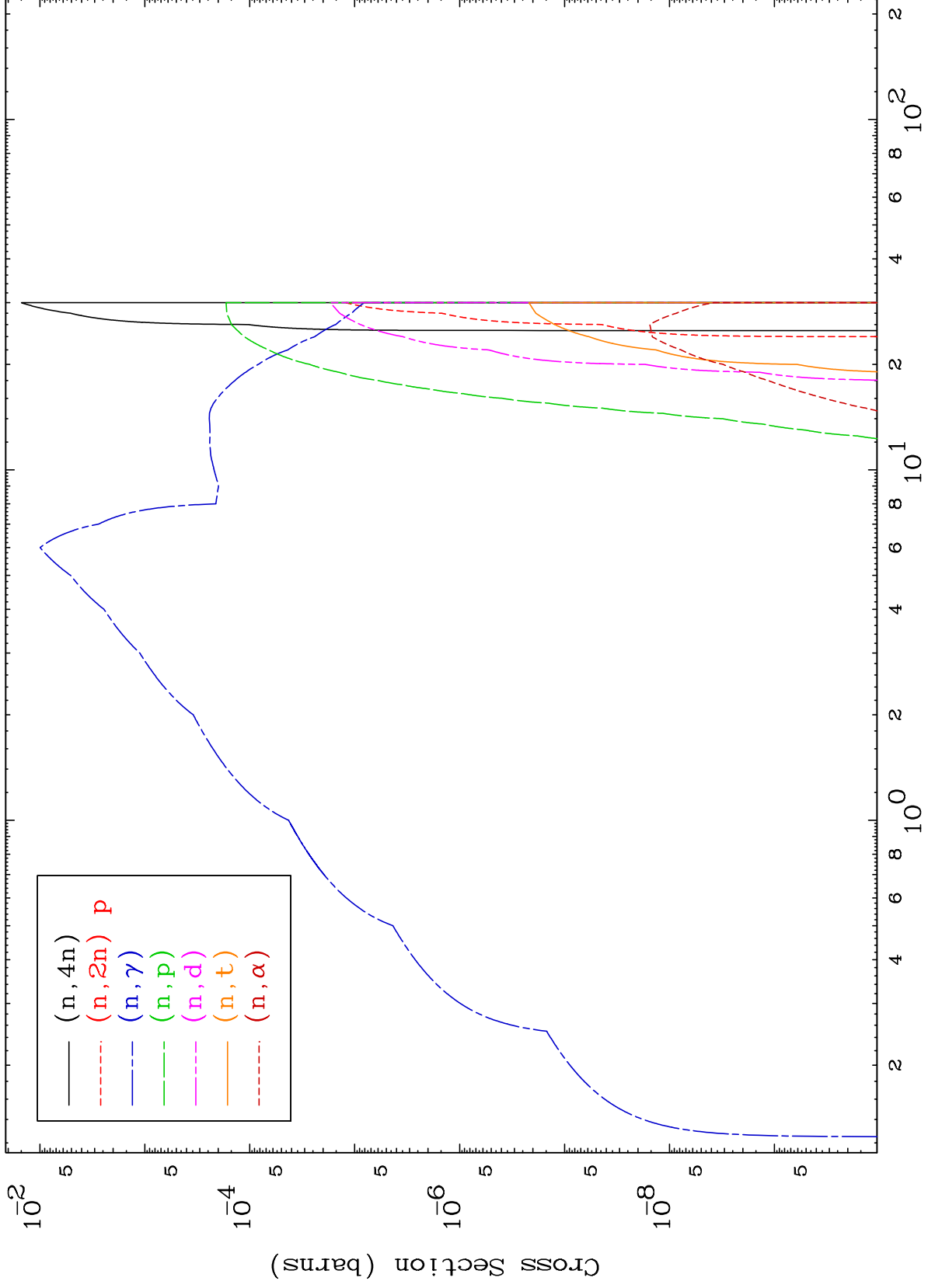
Photon Major

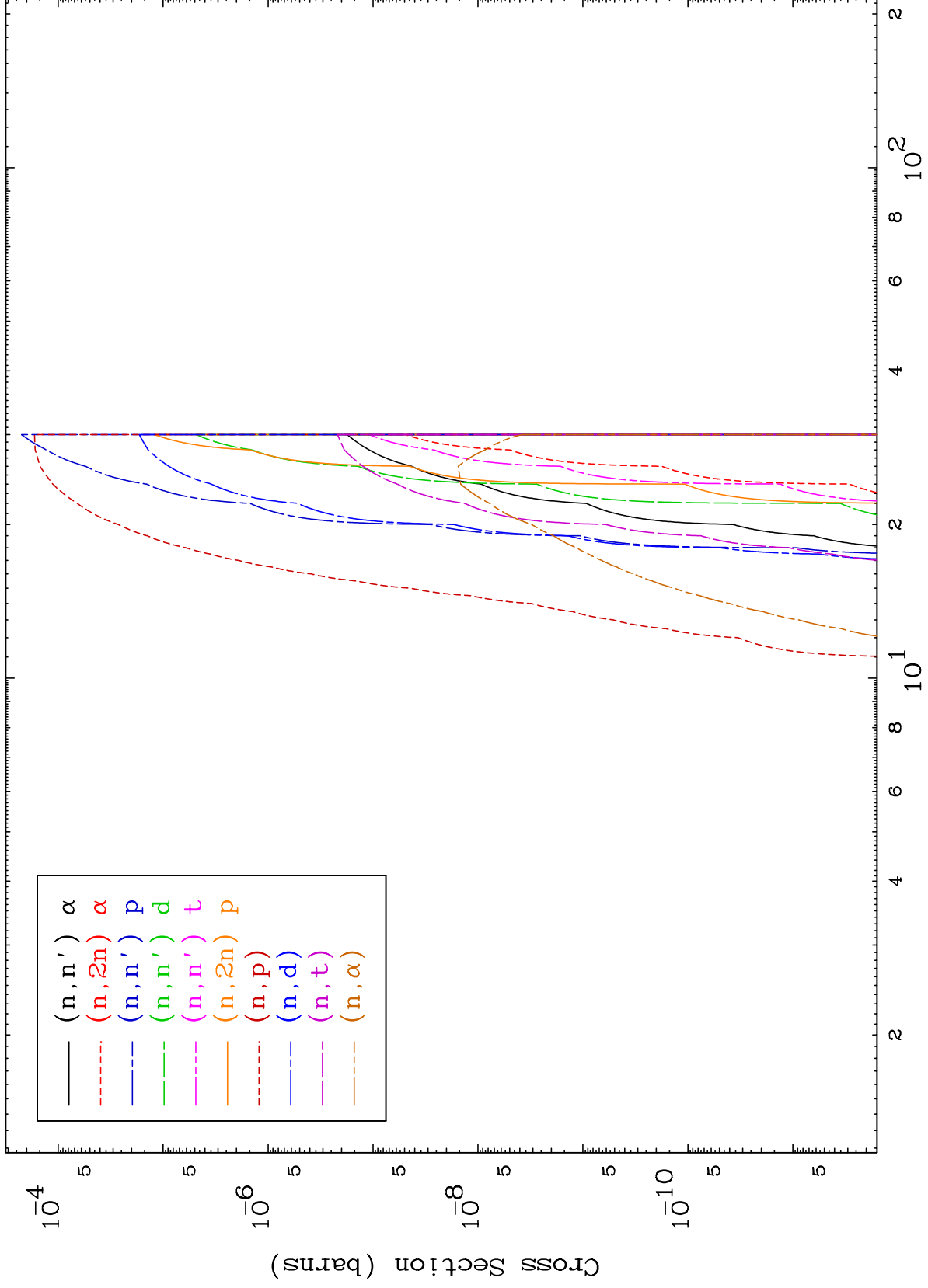
77-Ir-199

0 Kelvin Cross Sections





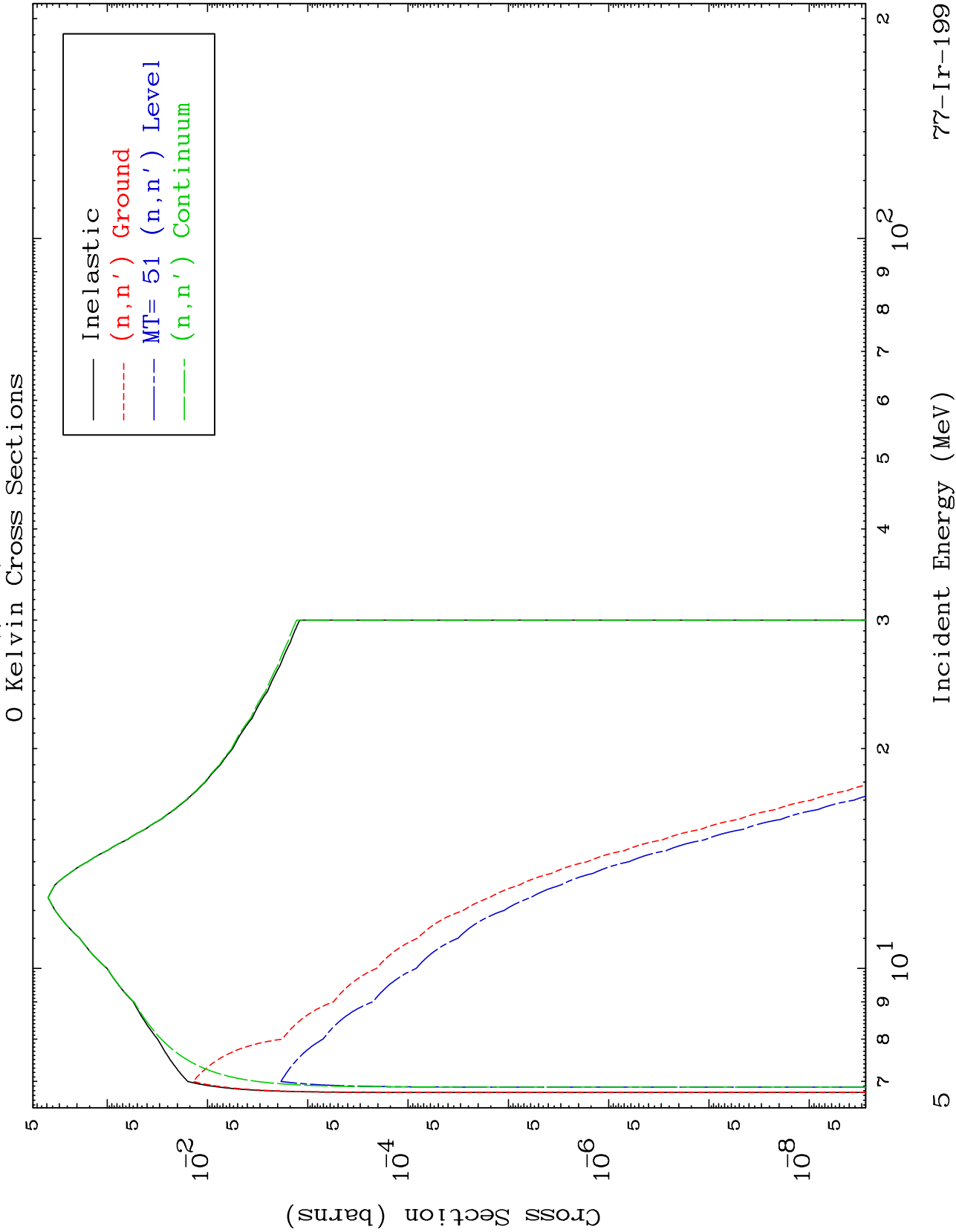




MAT 7749

( $\gamma, n'$ ) Levels

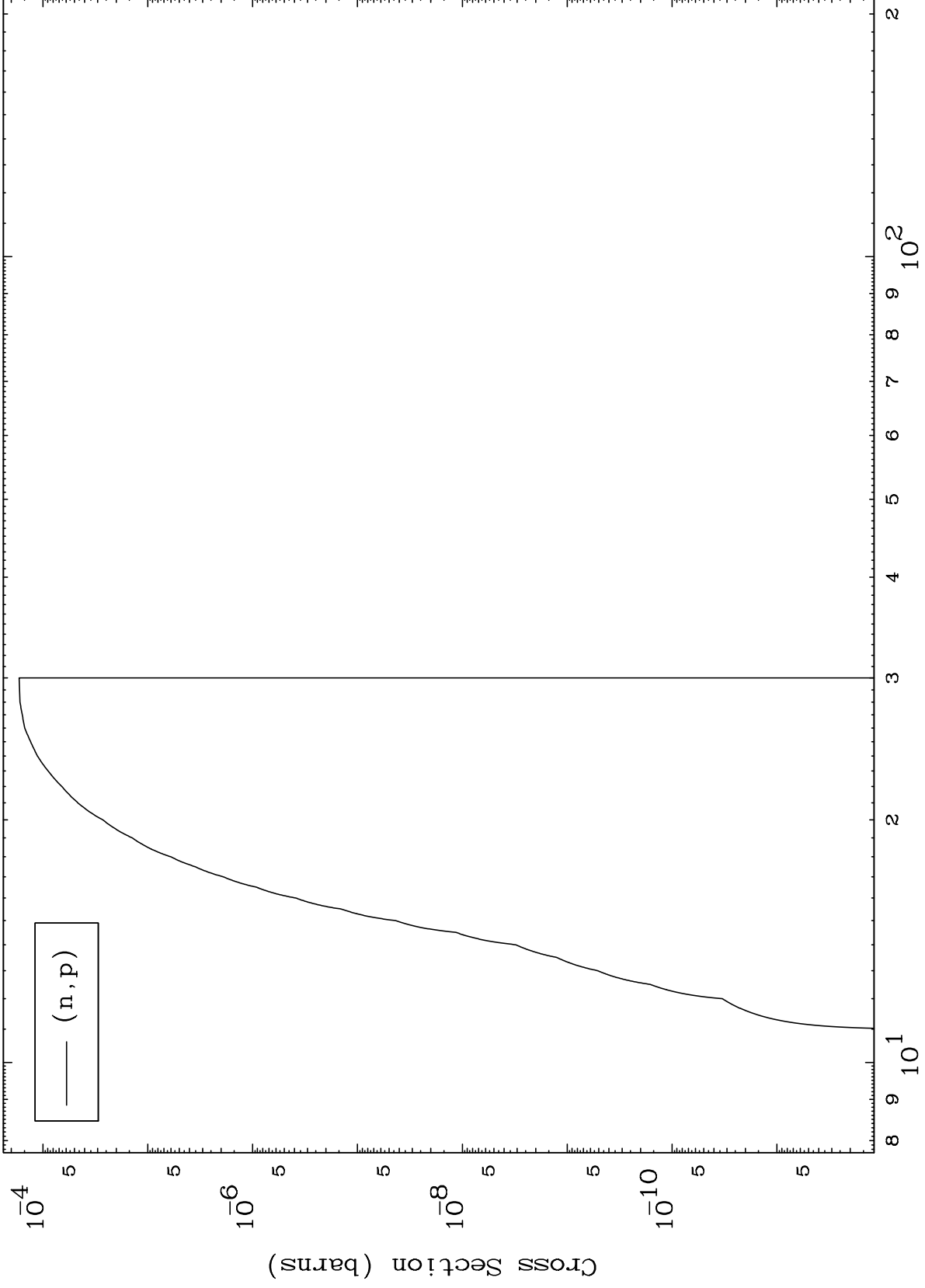
77-Ir-199



MAT 7749

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

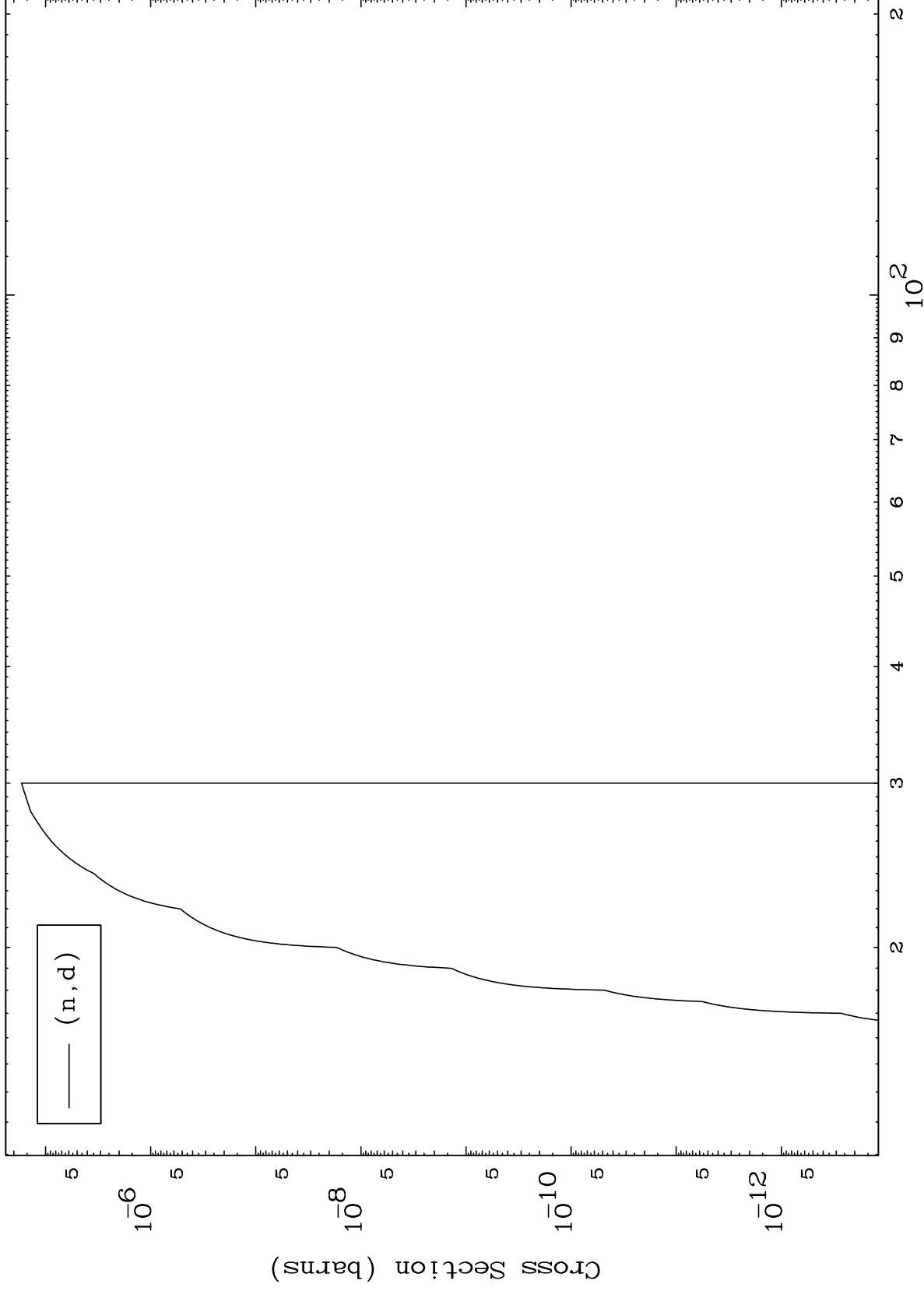
77-Ir-199



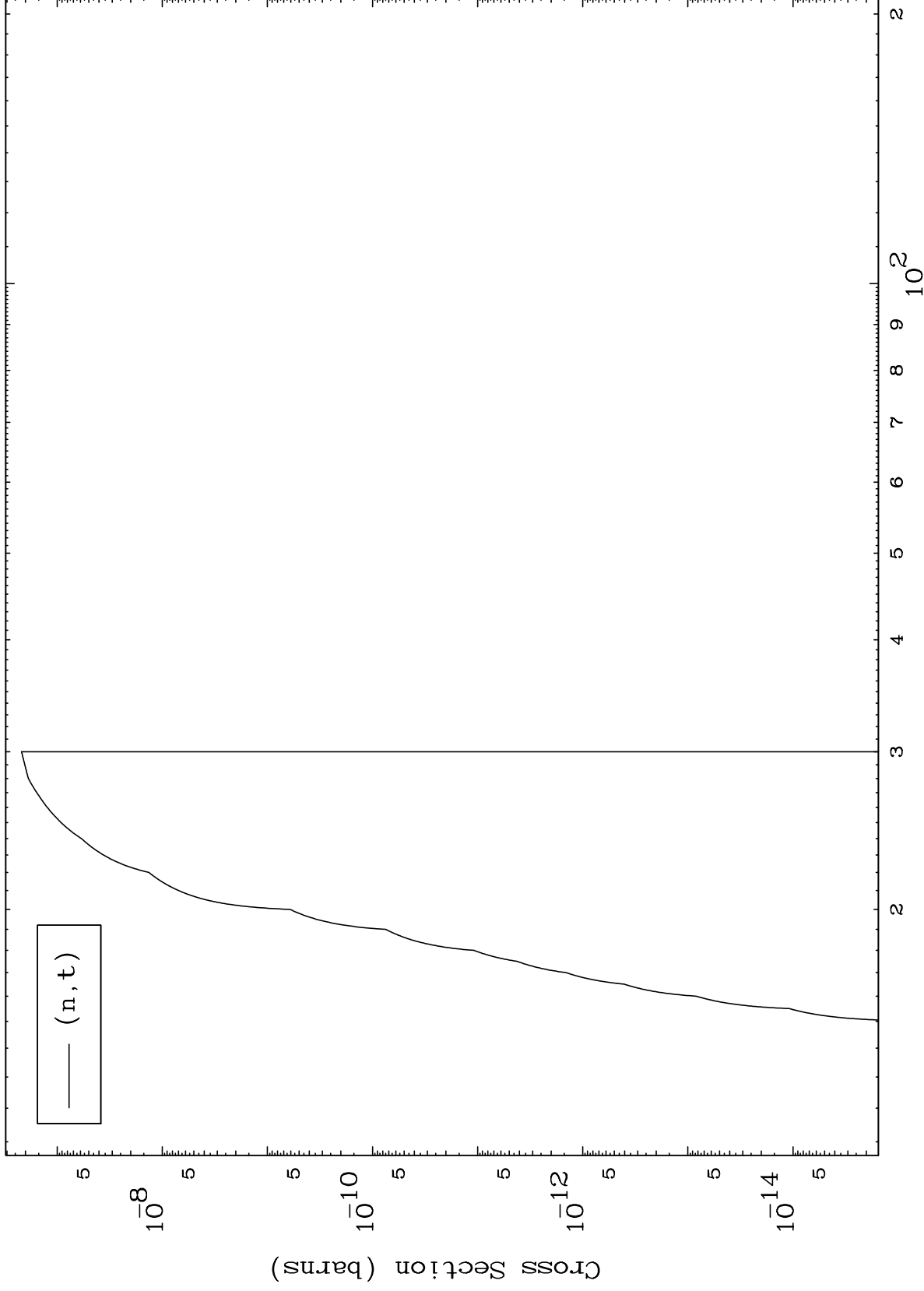
6

Incident Energy (MeV)

77-Ir-199



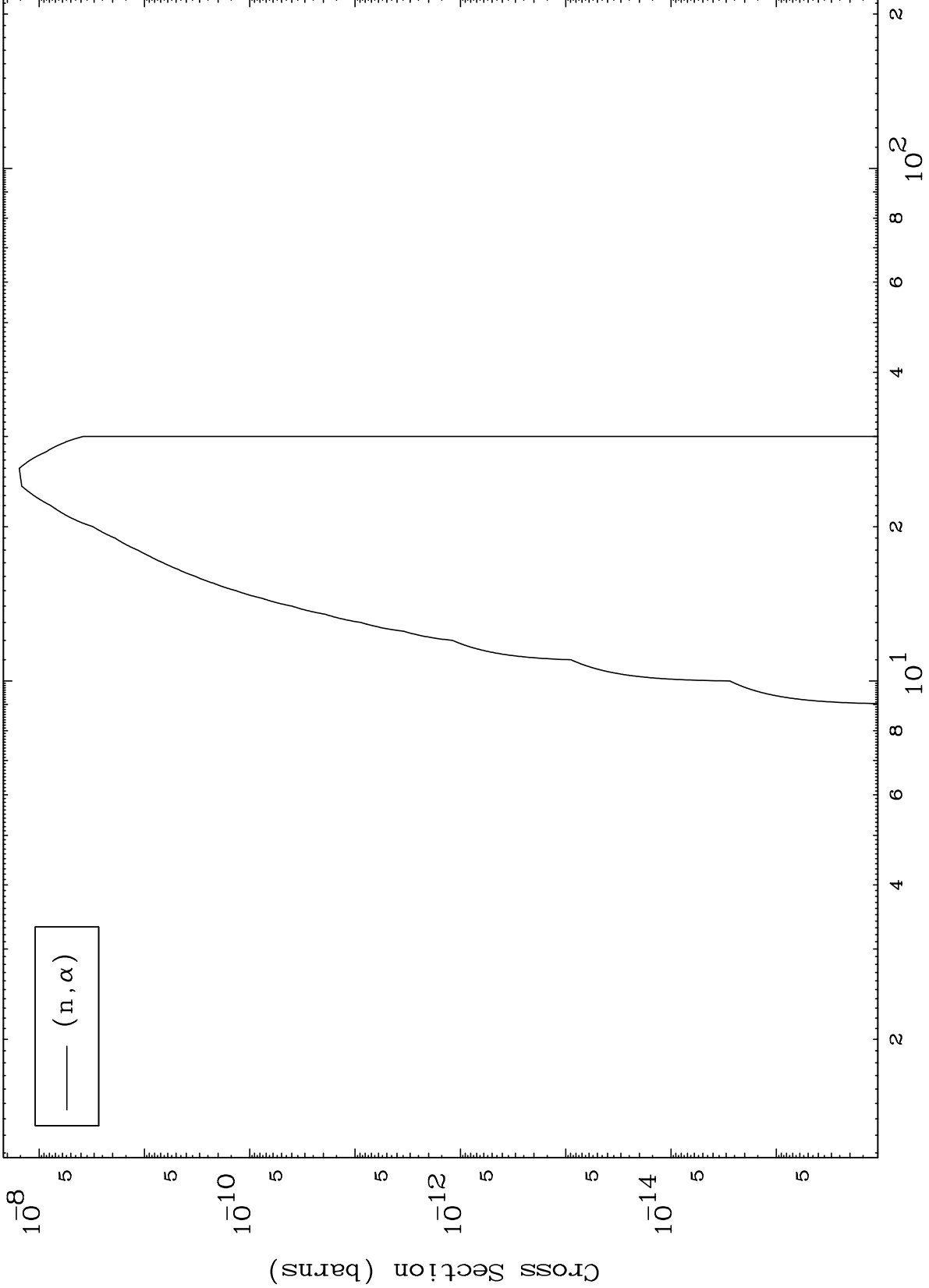




MAT 7749

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

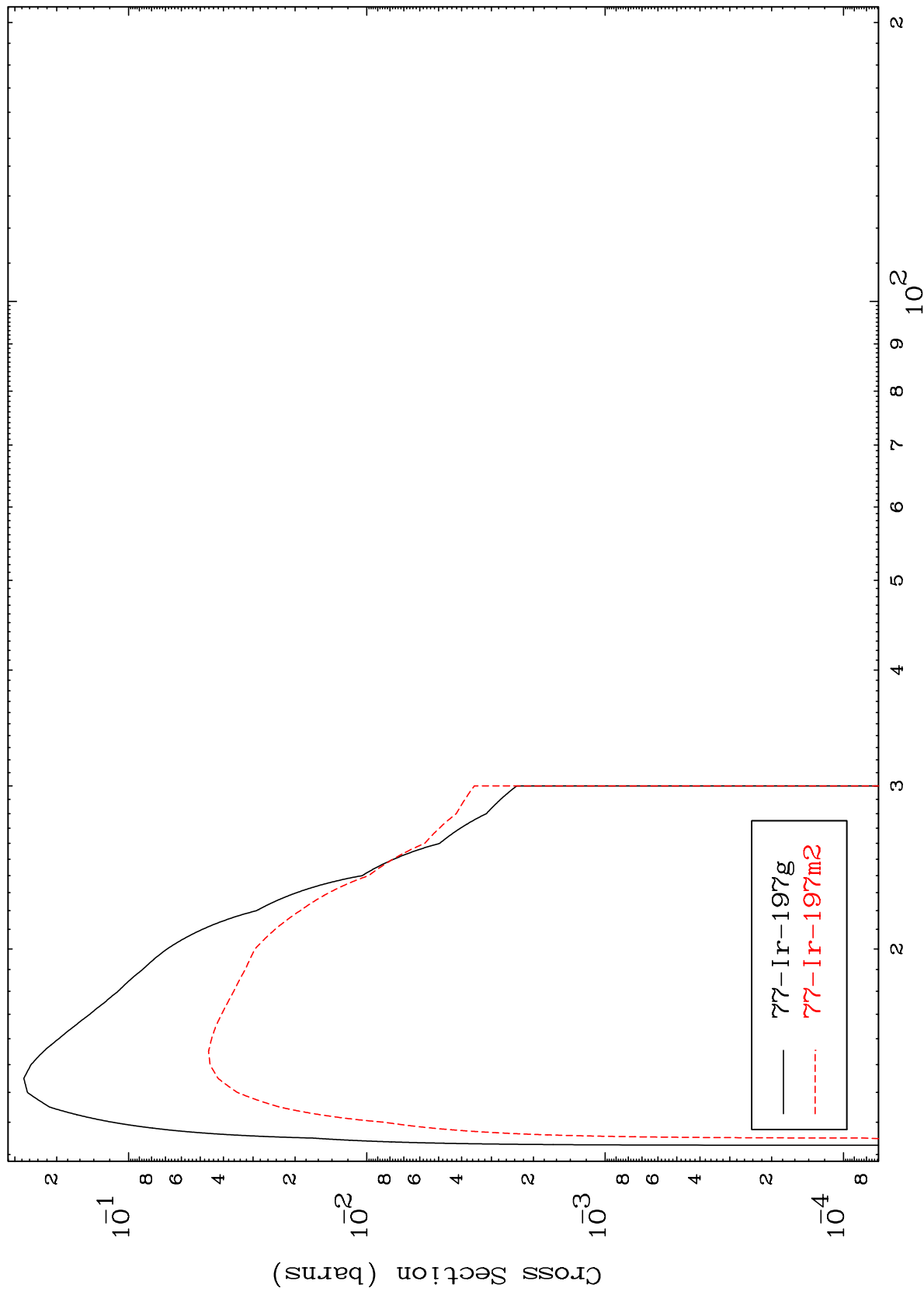
77-Ir-199



MAT 7749

77-Ir-199

(n,2n)  
Radionuclide Production Cross Section



10

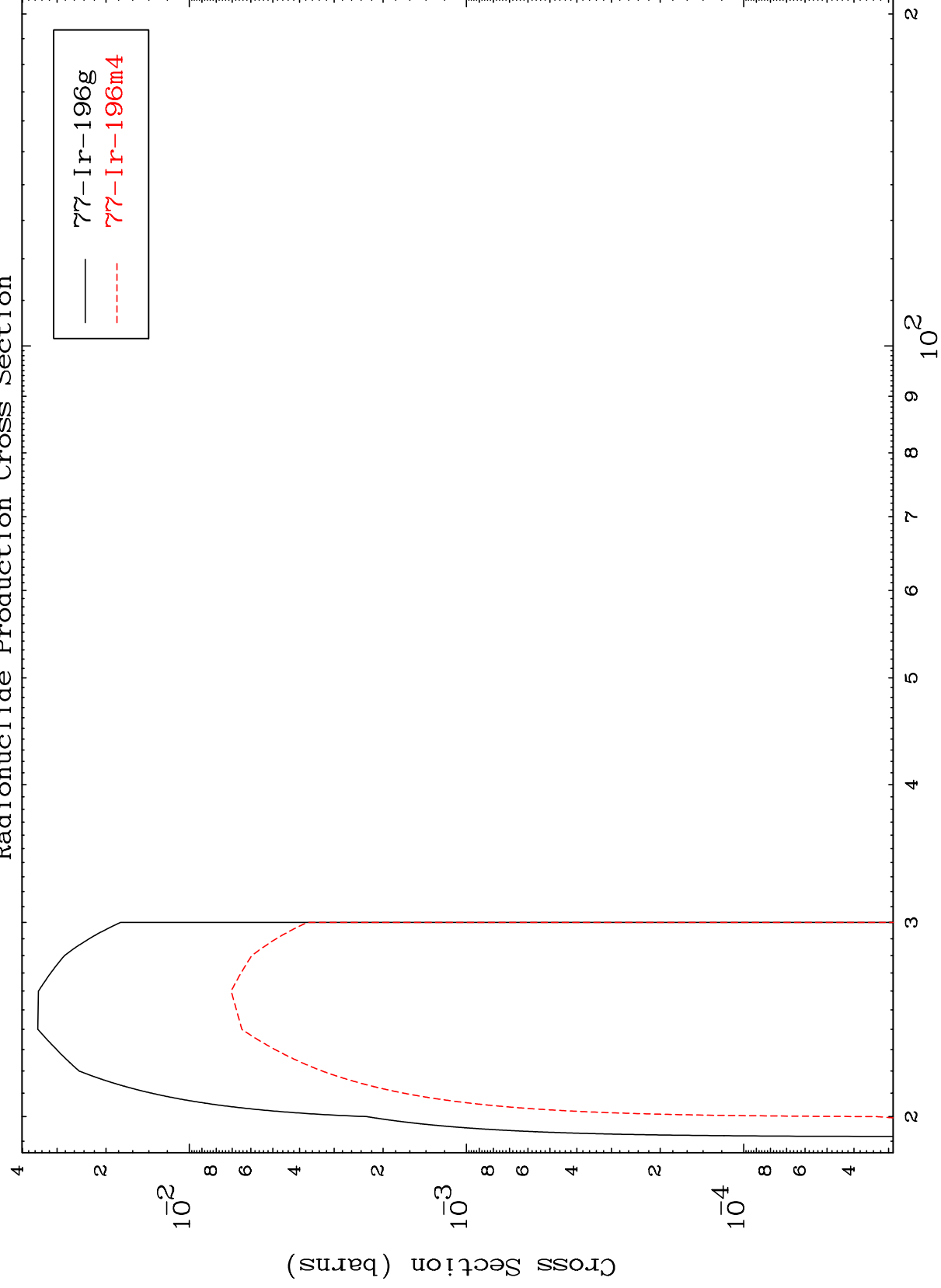
Incident Energy (MeV)

77-Ir-199

MAT 7749

77-Ir-199

(n,3n)  
Radionuclide Production Cross Section



11

Incident Energy (MeV)

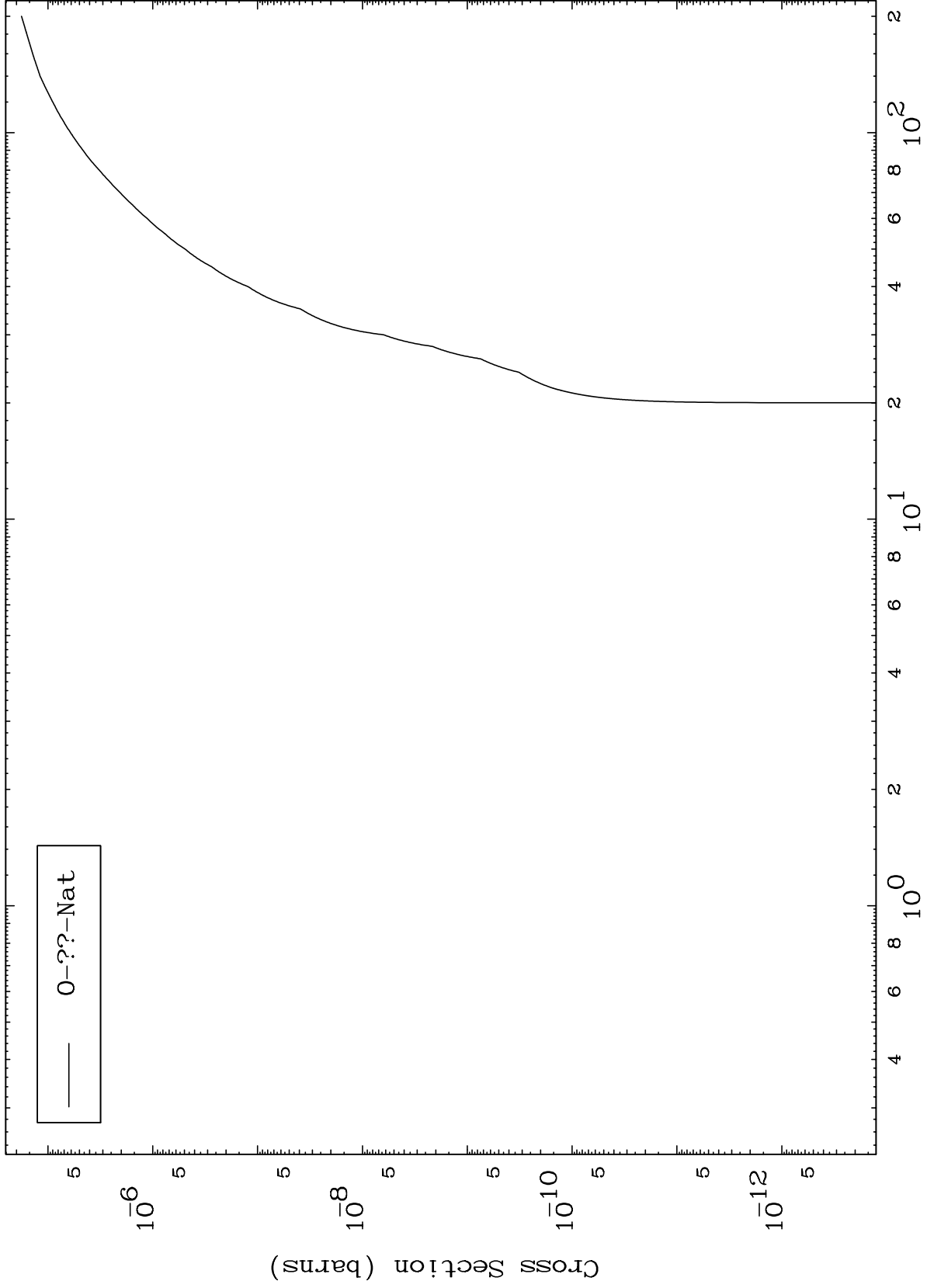
77-Ir-199

MAT 7749

Fission

77-Ir-199

Radionuclide Production Cross Section



12

Incident Energy (MeV)

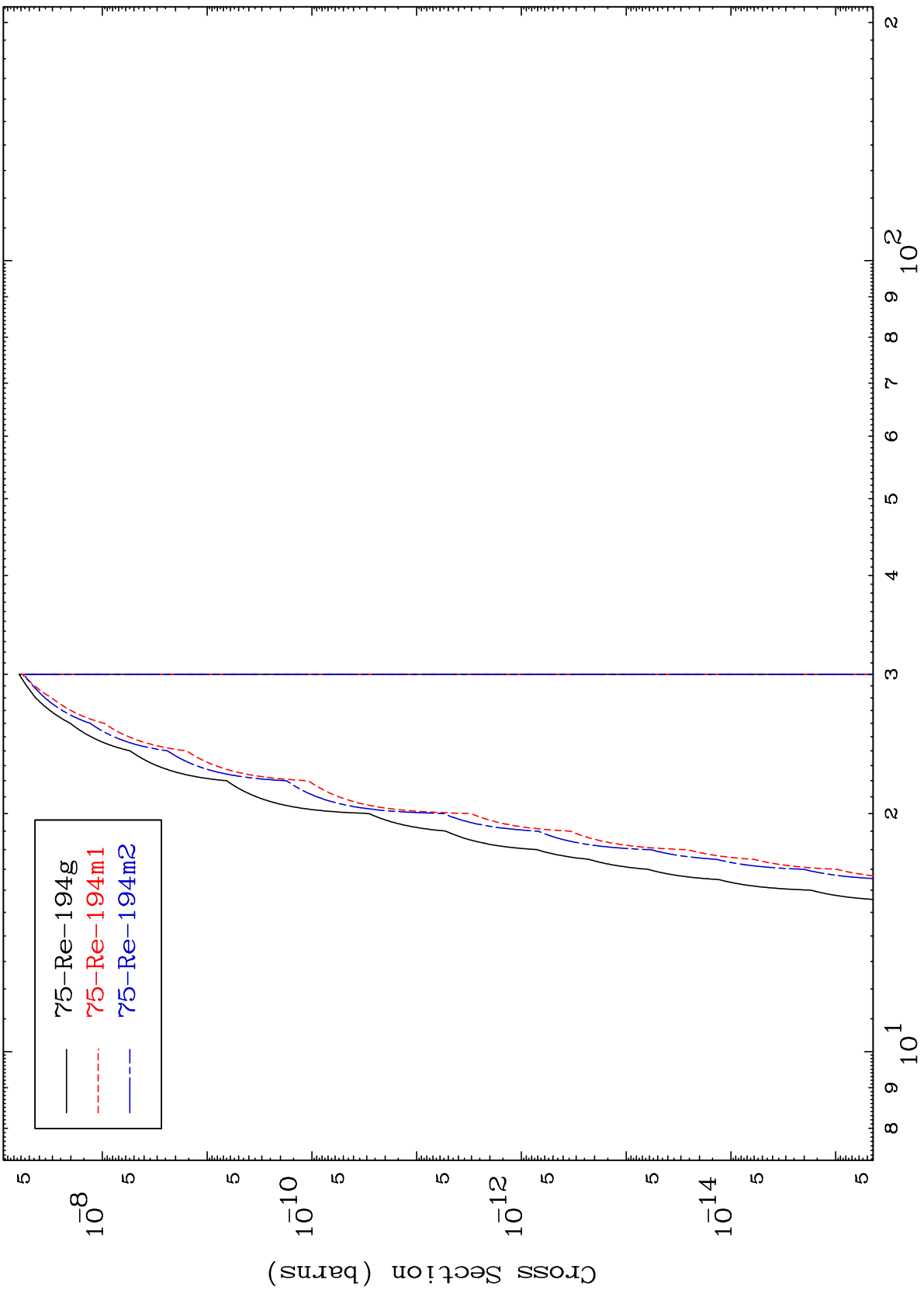
77-Ir-199

MAT 7749

$(n, n') \alpha$

77-Ir-199

Radionuclide Production Cross Section



13

Incident Energy (MeV)

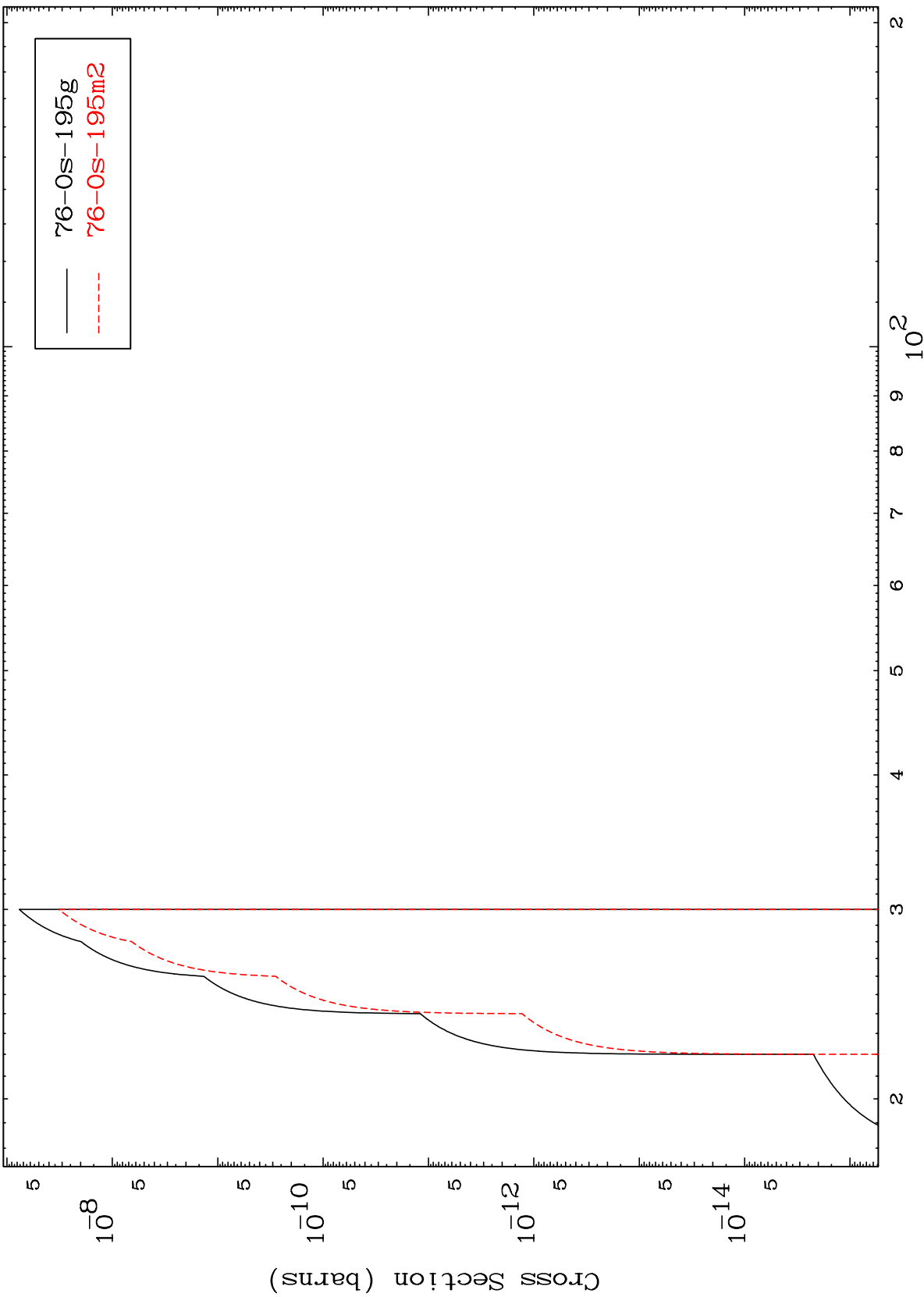
77-Ir-199

MAT 7749

(n,n') t

77-Ir-199

Radionuclide Production Cross Section



14

Incident Energy (MeV)

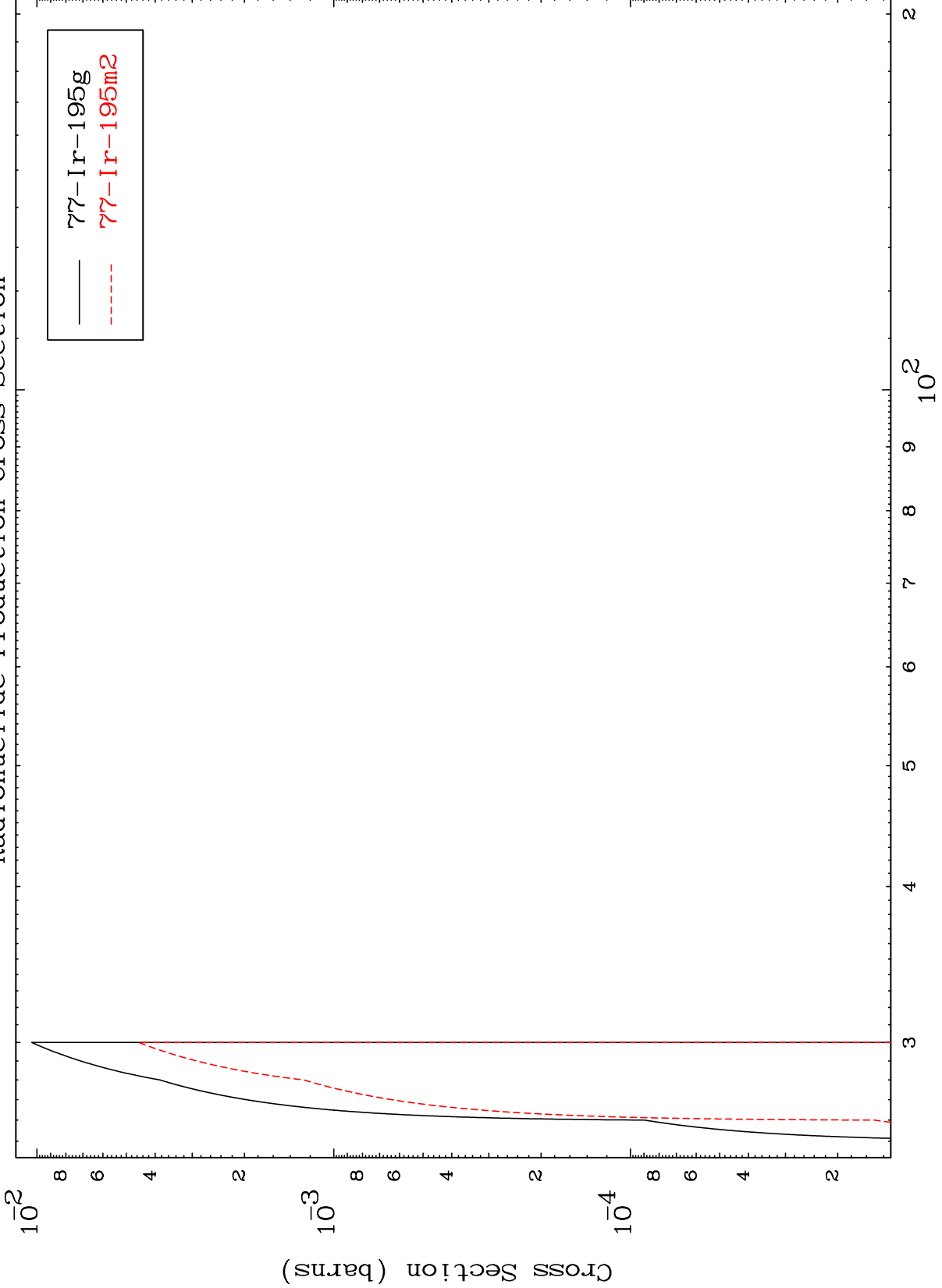
77-Ir-199

MAT 7749

(n,4n)

77-Ir-199

Radionuclide Production Cross Section



77-Ir-195g  
77-Ir-195m2