



Figure 1.6 An artist's rendition of the *Chandra* spacecraft. *Chandra* is the largest (~ 17 m long; ~ 4 m wide) and most massive (~ 23 K kg) payload ever taken into space by NASA's Space Shuttle Program. The planned lifetime of the mission was 5 years, and the 10 year anniversary party is already planned. Illustration taken from Chandra X-ray Center.