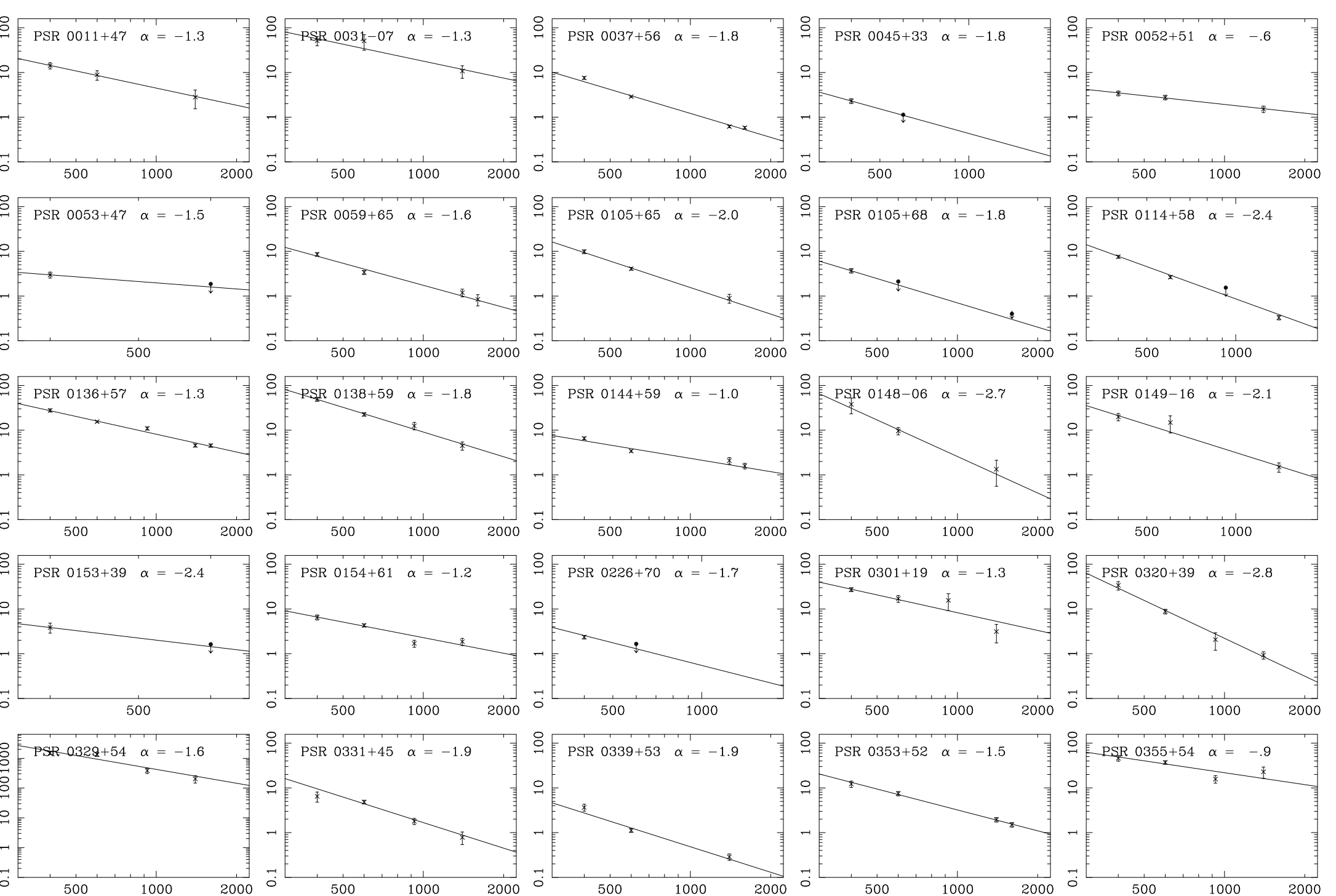
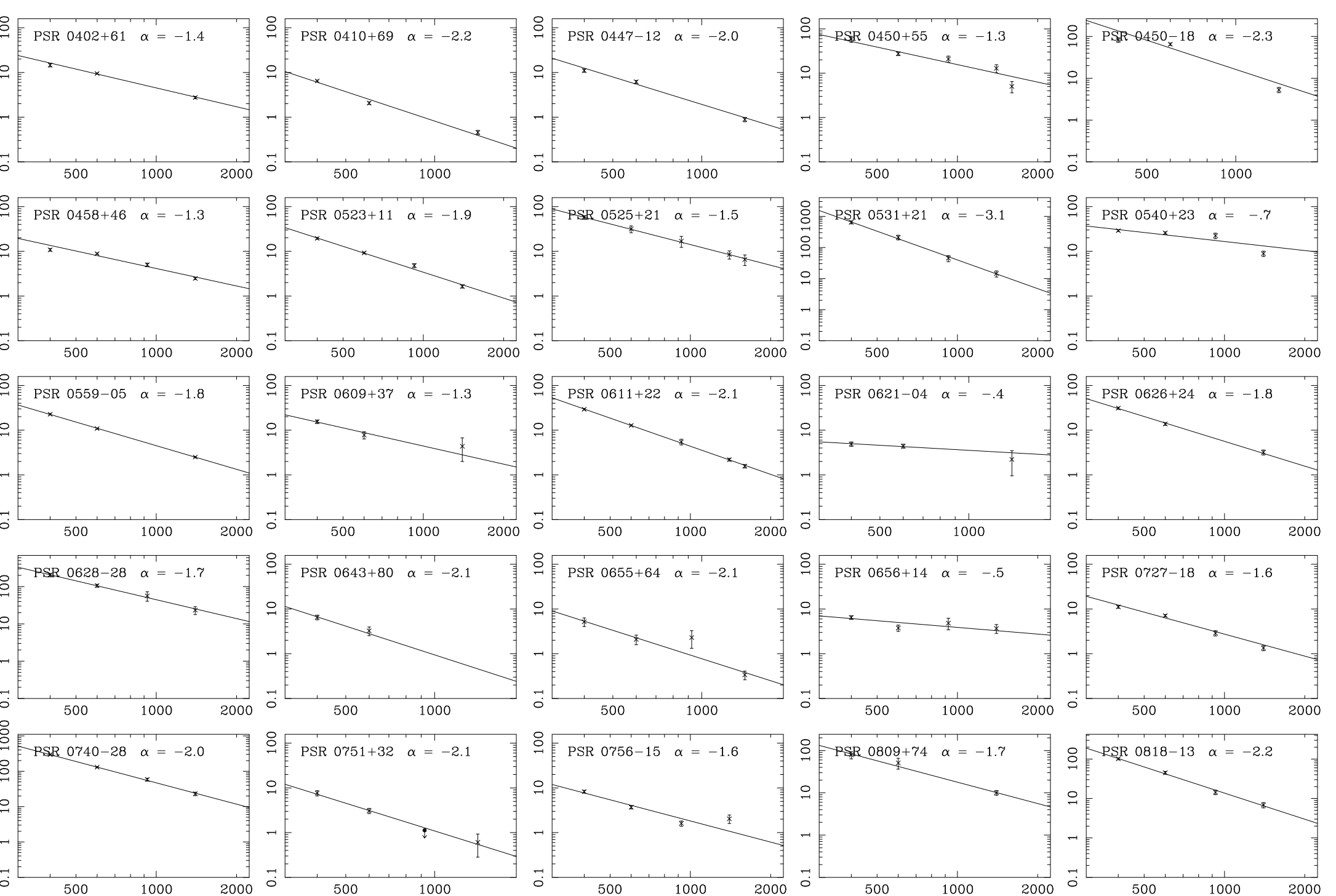
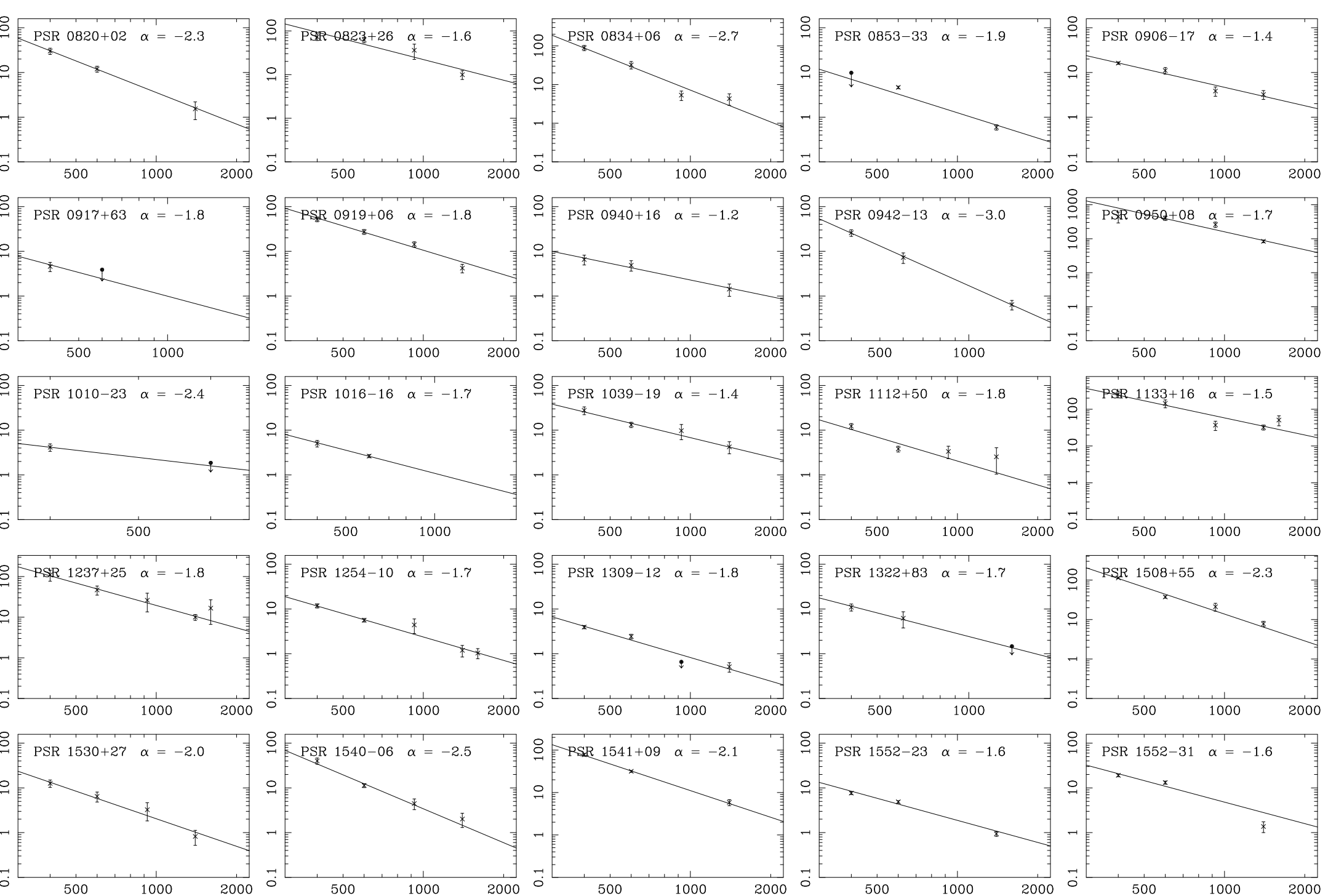
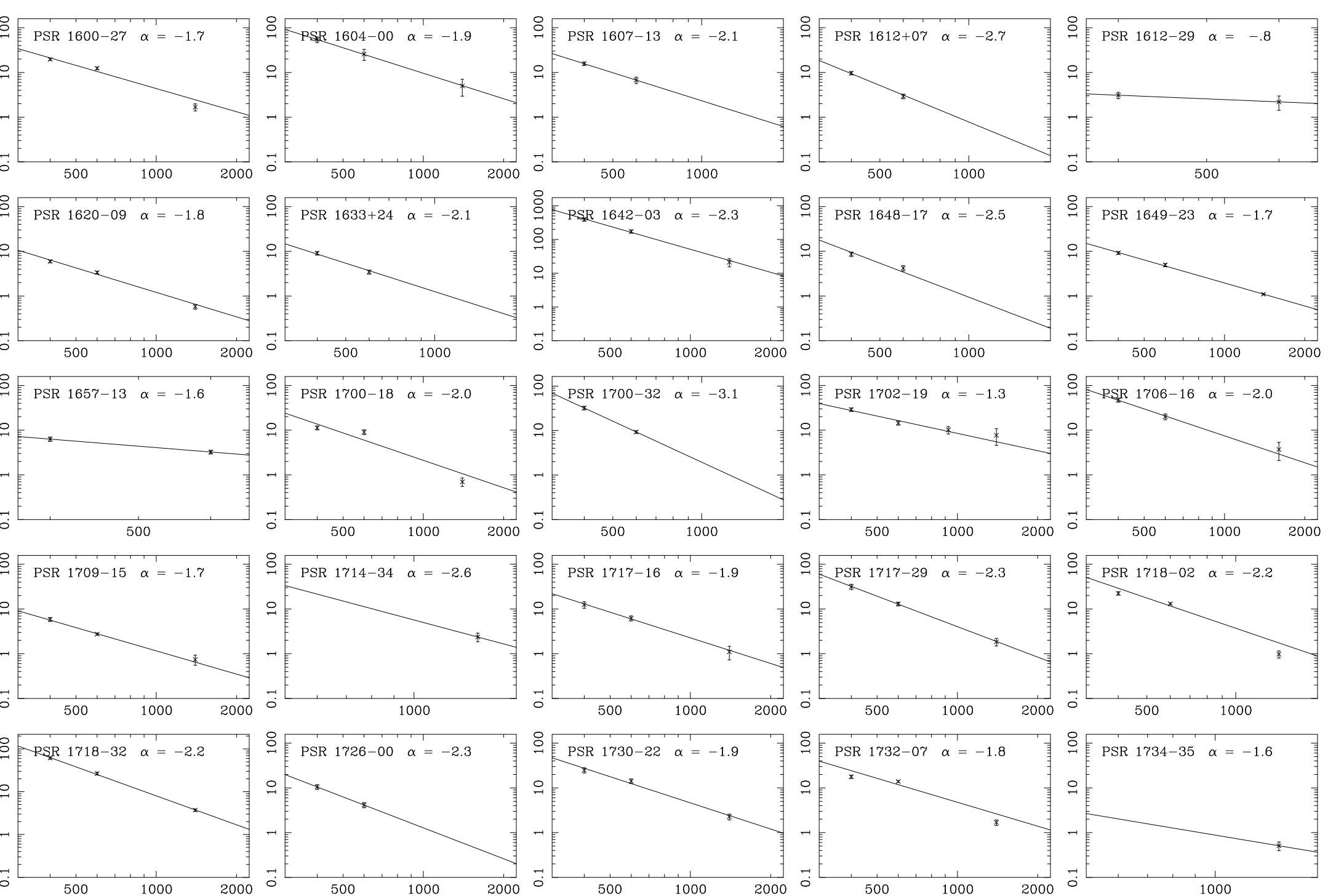
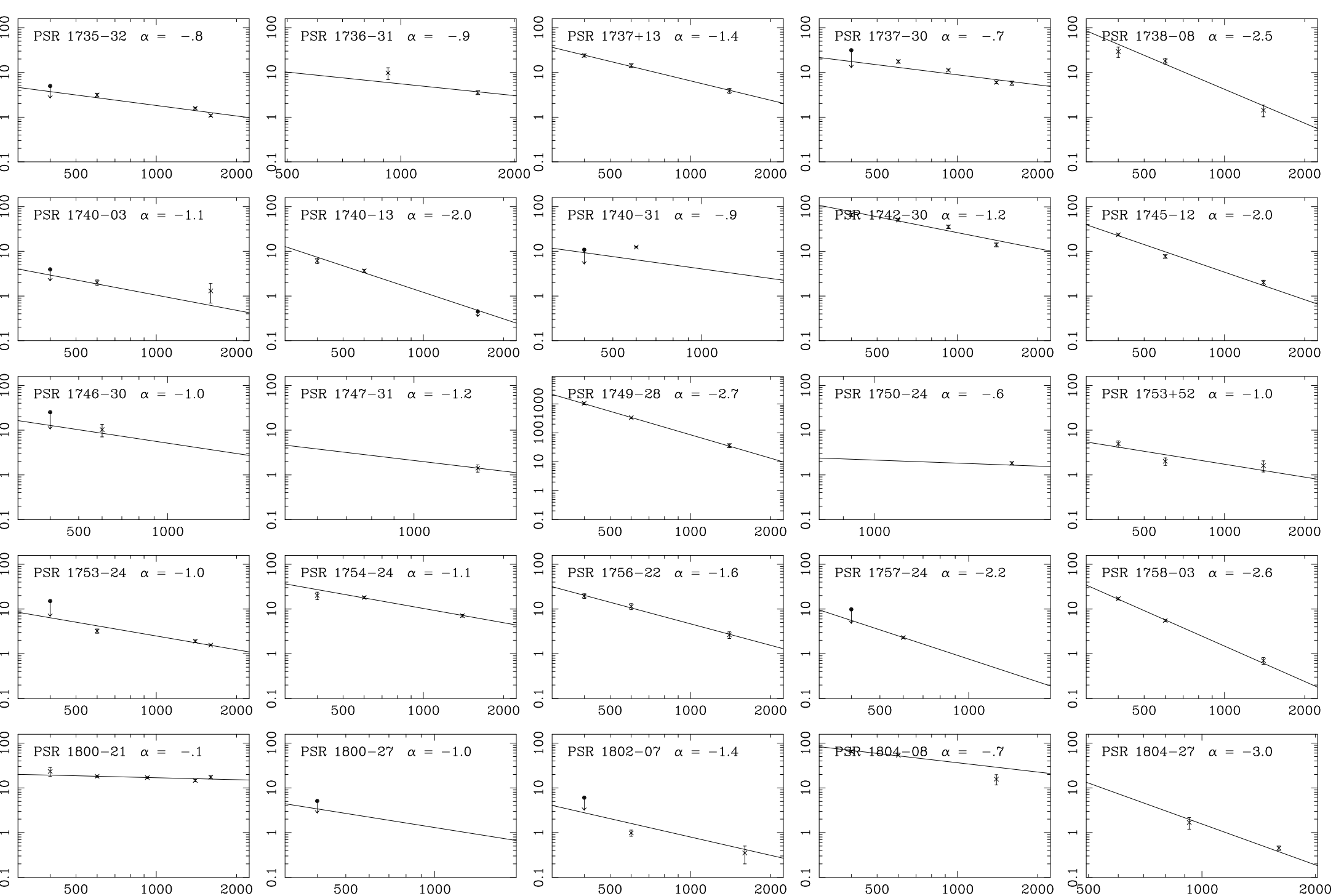
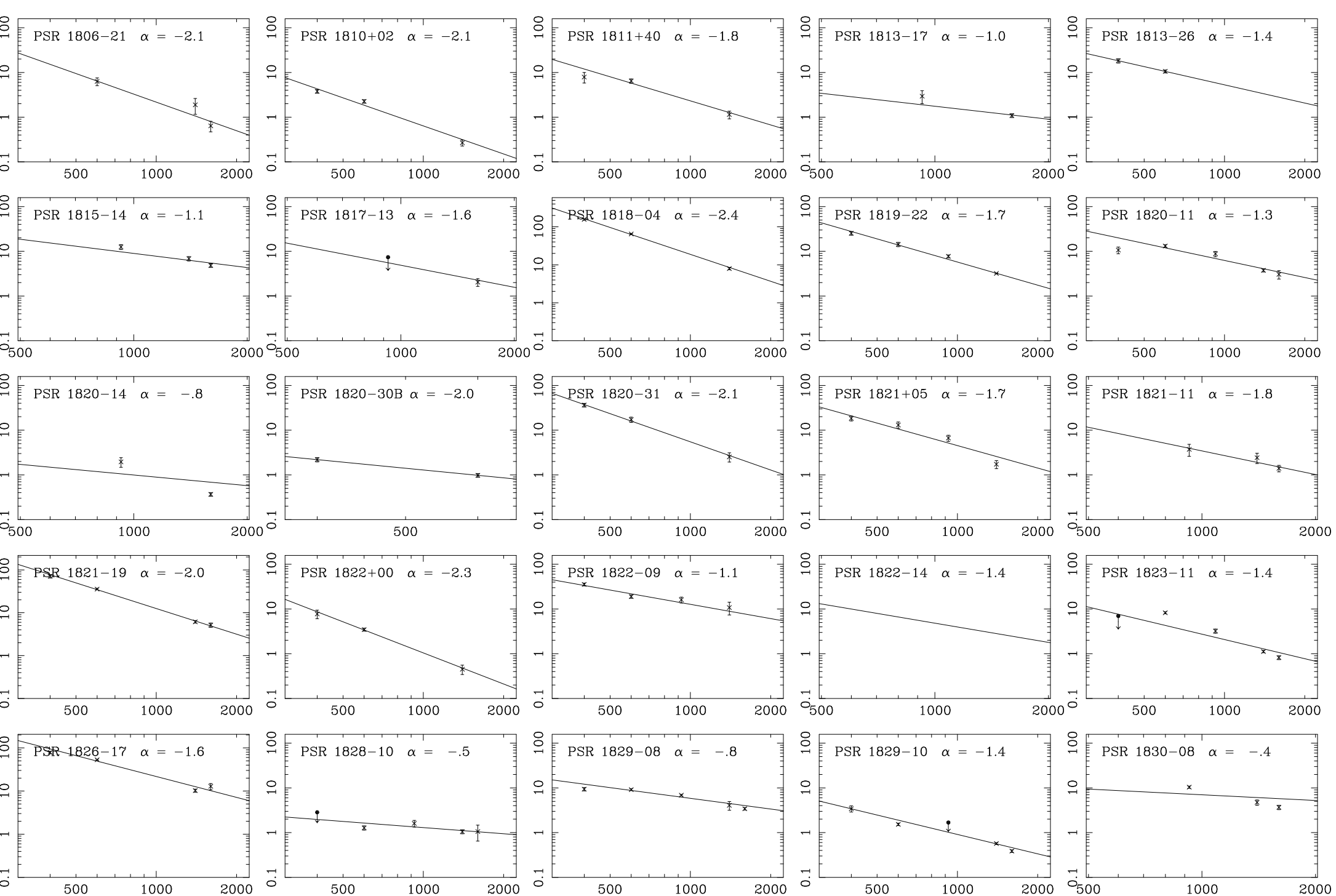

PSR 0011+47 α = −1.3
PSR 0031−07 α = −1.3
PSR 0037+56 α = −1.8
PSR 0045+33 α = −1.8
PSR 0052+51 α = −.6
PSR 0053+47 α = −1.5
PSR 0059+65 α = −1.6
PSR 0105+65 α = −2.0
PSR 0105+68 α = −1.8
PSR 0114+58 α = −2.4
PSR 0136+57 α = −1.3
PSR 0138+59 α = −1.8
PSR 0144+59 α = −1.0
PSR 0148−06 α = −2.7
PSR 0149−16 α = −2.1
PSR 0153+39 α = −2.4
PSR 0154+61 α = −1.2
PSR 0226+70 α = −1.7
PSR 0301+19 α = −1.3
PSR 0320+39 α = −2.8
PSR 0329+54 α = −1.6
PSR 0331+45 α = −1.9
PSR 0339+53 α = −1.9
PSR 0353+52 α = −1.5
PSR 0355+54 α = −.9

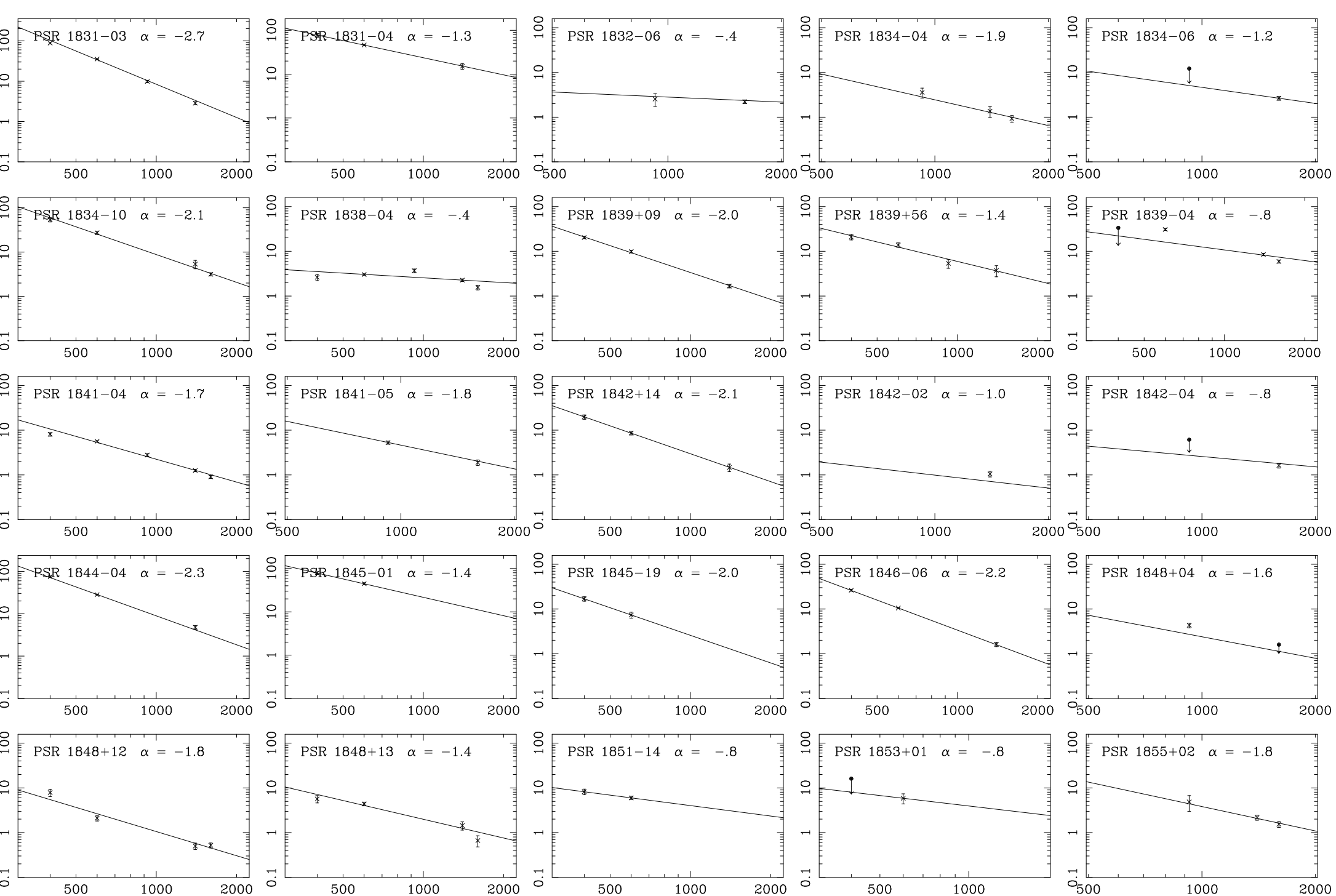

PSR 0402+61 α = −1.4
PSR 0410+69 α = −2.2
PSR 0447−12 α = −2.0
PSR 0450+55 α = −1.3
PSR 0450−18 α = −2.3
PSR 0458+46 α = −1.3
PSR 0523+11 α = −1.9
PSR 0525+21 α = −1.5
PSR 0531+21 α = −3.1
PSR 0540+23 α = −.7
PSR 0559−05 α = −1.8
PSR 0609+37 α = −1.3
PSR 0611+22 α = −2.1
PSR 0621−04 α = −.4
PSR 0626+24 α = −1.8
PSR 0628−28 α = −1.7
PSR 0643+80 α = −2.1
PSR 0655+64 α = −2.1
PSR 0656+14 α = −.5
PSR 0727−18 α = −1.6
PSR 0740−28 α = −2.0
PSR 0751+32 α = −2.1
PSR 0756−15 α = −1.6
PSR 0809+74 α = −1.7
PSR 0818−13 α = −2.2

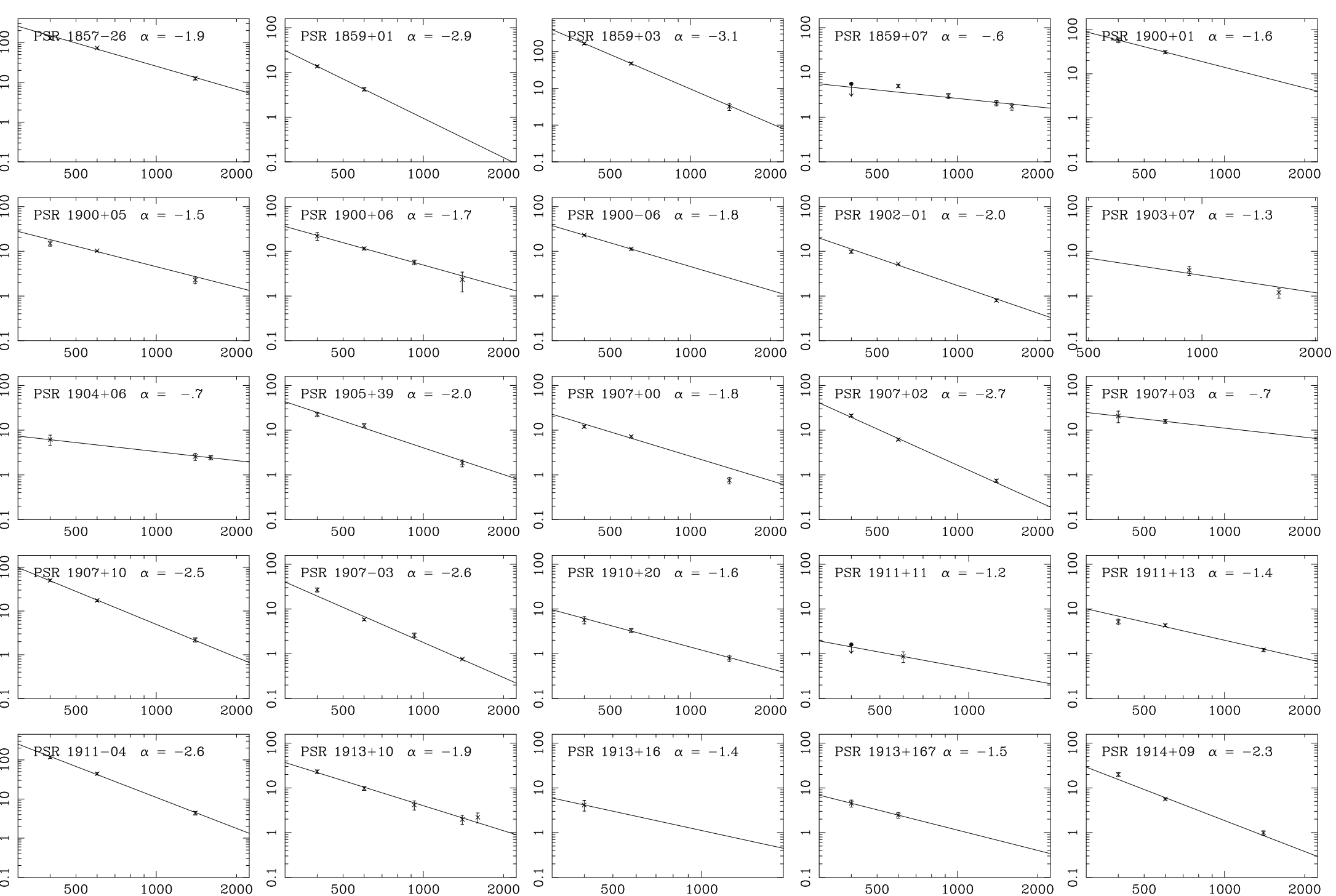

PSR 0820+02 α = −2.3
PSR 0823+26 α = −1.6
PSR 0834+06 α = −2.7
PSR 0853−33 α = −1.9
PSR 0906−17 α = −1.4
PSR 0917+63 α = −1.8
PSR 0919+06 α = −1.8
PSR 0940+16 α = −1.2
PSR 0942−13 α = −3.0
PSR 0950+08 α = −1.7
PSR 1010−23 α = −2.4
PSR 1016−16 α = −1.7
PSR 1039−19 α = −1.4
PSR 1112+50 α = −1.8
PSR 1133+16 α = −1.5
PSR 1237+25 α = −1.8
PSR 1254−10 α = −1.7
PSR 1309−12 α = −1.8
PSR 1322+83 α = −1.7
PSR 1508+55 α = −2.3
PSR 1530+27 α = −2.0
PSR 1540−06 α = −2.5
PSR 1541+09 α = −2.1
PSR 1552−23 α = −1.6
PSR 1552−31 α = −1.6

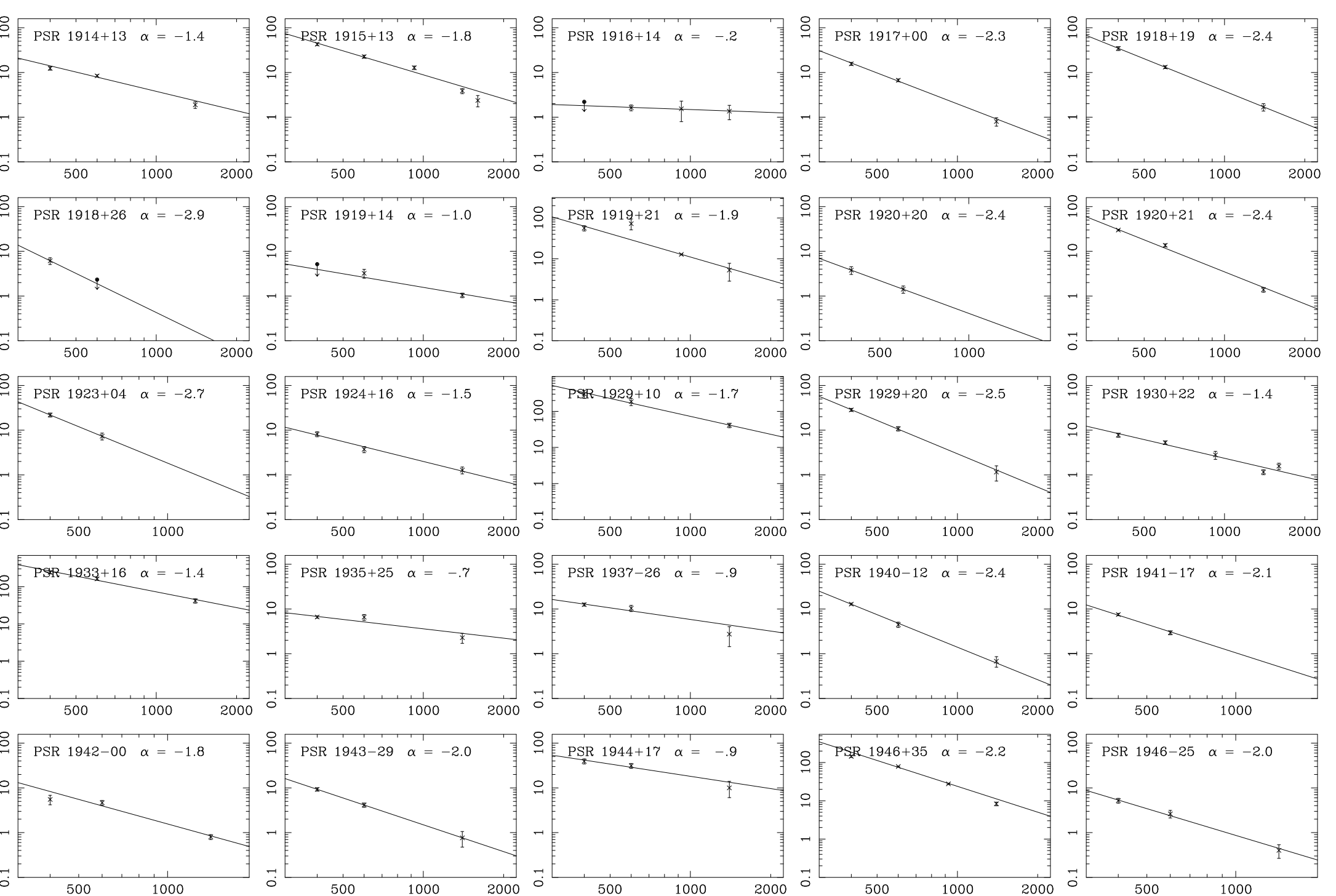

PSR 1600−27 α = −1.7
PSR 1604−00 α = −1.9
PSR 1607−13 α = −2.1
PSR 1612+07 α = −2.7
PSR 1612−29 α = −.8
PSR 1620−09 α = −1.8
PSR 1633+24 α = −2.1
PSR 1642−03 α = −2.3
PSR 1648−17 α = −2.5
PSR 1649−23 α = −1.7
PSR 1657−13 α = −1.6
PSR 1700−18 α = −2.0
PSR 1700−32 α = −3.1
PSR 1702−19 α = −1.3
PSR 1706−16 α = −2.0
PSR 1709−15 α = −1.7
PSR 1714−34 α = −2.6
PSR 1717−16 α = −1.9
PSR 1717−29 α = −2.3
PSR 1718−02 α = −2.2
PSR 1718−32 α = −2.2
PSR 1726−00 α = −2.3
PSR 1730−22 α = −1.9
PSR 1732−07 α = −1.8
PSR 1734−35 α = −1.6

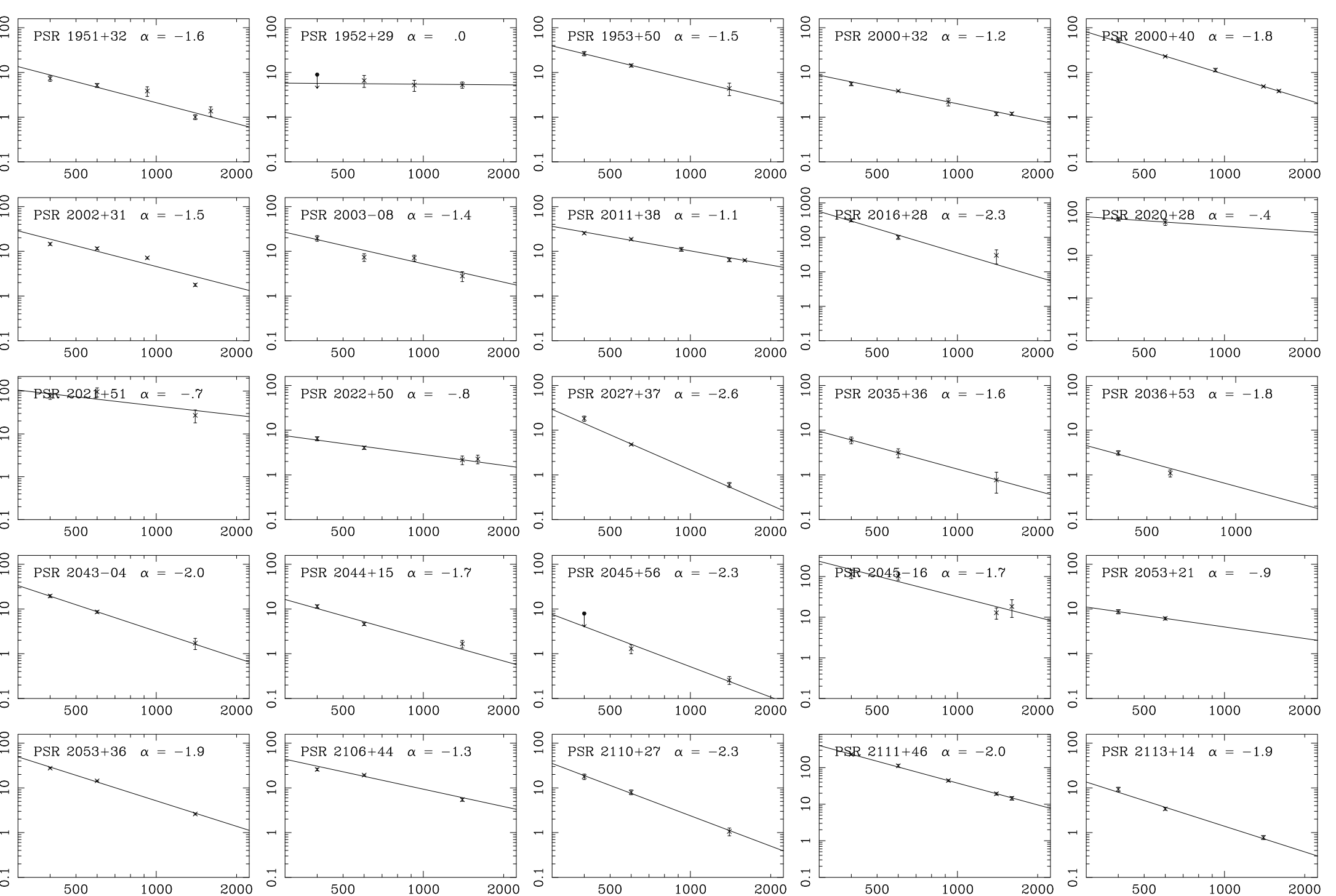

PSR 1735−32 α = −.8
PSR 1736−31 α = −.9
PSR 1737+13 α = −1.4
PSR 1737−30 α = −.7
PSR 1738−08 α = −2.5
PSR 1740−03 α = −1.1
PSR 1740−13 α = −2.0
PSR 1740−31 α = −.9
PSR 1742−30 α = −1.2
PSR 1745−12 α = −2.0
PSR 1746−30 α = −1.0
PSR 1747−31 α = −1.2
PSR 1749−28 α = −2.7
PSR 1750−24 α = −.6
PSR 1753+52 α = −1.0
PSR 1753−24 α = −1.0
PSR 1754−24 α = −1.1
PSR 1756−22 α = −1.6
PSR 1757−24 α = −2.2
PSR 1758−03 α = −2.6
PSR 1800−21 α = −.1
PSR 1800−27 α = −1.0
PSR 1802−07 α = −1.4
PSR 1804−08 α = −.7
PSR 1804−27 α = −3.0

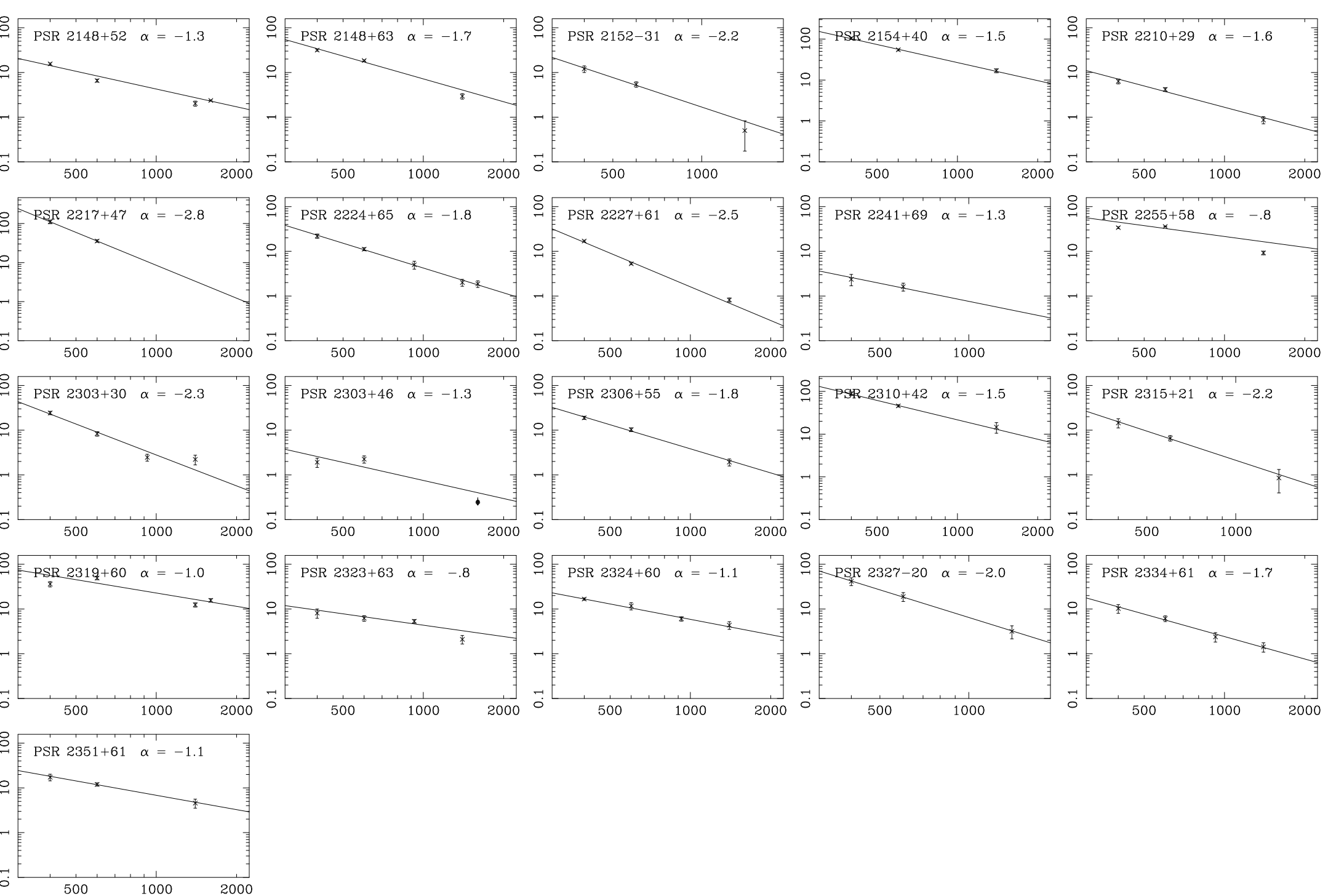

PSR 1806−21 α = −2.1
PSR 1810+02 α = −2.1
PSR 1811+40 α = −1.8
PSR 1813−17 α = −1.0
PSR 1813−26 α = −1.4
PSR 1815−14 α = −1.1
PSR 1817−13 α = −1.6
PSR 1818−04 α = −2.4
PSR 1819−22 α = −1.7
PSR 1820−11 α = −1.3
PSR 1820−14 α = −.8
PSR 1820−30B α = −2.0
PSR 1820−31 α = −2.1
PSR 1821+05 α = −1.7
PSR 1821−11 α = −1.8
PSR 1821−19 α = −2.0
PSR 1822+00 α = −2.3
PSR 1822−09 α = −1.1
PSR 1822−14 α = −1.4
PSR 1823−11 α = −1.4
PSR 1826−17 α = −1.6
PSR 1828−10 α = −.5
PSR 1829−08 α = −.8
PSR 1829−10 α = −1.4
PSR 1830−08 α = −.4


PSR 1831−03 α = −2.7
PSR 1831−04 α = −1.3
PSR 1832−06 α = −.4
PSR 1834−04 α = −1.9
PSR 1834−06 α = −1.2
PSR 1834−10 α = −2.1
PSR 1838−04 α = −.4
PSR 1839+09 α = −2.0
PSR 1839+56 α = −1.4
PSR 1839−04 α = −.8
PSR 1841−04 α = −1.7
PSR 1841−05 α = −1.8
PSR 1842+14 α = −2.1
PSR 1842−02 α = −1.0
PSR 1842−04 α = −.8
PSR 1844−04 α = −2.3
PSR 1845−01 α = −1.4
PSR 1845−19 α = −2.0
PSR 1846−06 α = −2.2
PSR 1848+04 α = −1.6
PSR 1848+12 α = −1.8
PSR 1848+13 α = −1.4
PSR 1851−14 α = −.8
PSR 1853+01 α = −.8
PSR 1855+02 α = −1.8
0.1
1
10
100
500
1000
2000


PSR 1857−26 α = −1.9
PSR 1859+01 α = −2.9
PSR 1859+03 α = −3.1
PSR 1859+07 α = −.6
PSR 1900+01 α = −1.6
PSR 1900+05 α = −1.5
PSR 1900+06 α = −1.7
PSR 1900−06 α = −1.8
PSR 1902−01 α = −2.0
PSR 1903+07 α = −1.3
PSR 1904+06 α = −.7
PSR 1905+39 α = −2.0
PSR 1907+00 α = −1.8
PSR 1907+02 α = −2.7
PSR 1907+03 α = −.7
PSR 1907+10 α = −2.5
PSR 1907−03 α = −2.6
PSR 1910+20 α = −1.6
PSR 1911+11 α = −1.2
PSR 1911+13 α = −1.4
PSR 1911−04 α = −2.6
PSR 1913+10 α = −1.9
PSR 1913+16 α = −1.4
PSR 1913+167 α = −1.5
PSR 1914+09 α = −2.3


PSR 1914+13 α = −1.4
PSR 1915+13 α = −1.8
PSR 1916+14 α = −.2
PSR 1917+00 α = −2.3
PSR 1918+19 α = −2.4
PSR 1918+26 α = −2.9
PSR 1919+14 α = −1.0
PSR 1919+21 α = −1.9
PSR 1920+20 α = −2.4
PSR 1920+21 α = −2.4
PSR 1923+04 α = −2.7
PSR 1924+16 α = −1.5
PSR 1929+10 α = −1.7
PSR 1929+20 α = −2.5
PSR 1930+22 α = −1.4
PSR 1933+16 α = −1.4
PSR 1935+25 α = −.7
PSR 1937−26 α = −.9
PSR 1940−12 α = −2.4
PSR 1941−17 α = −2.1
PSR 1942−00 α = −1.8
PSR 1943−29 α = −2.0
PSR 1944+17 α = −.9
PSR 1946+35 α = −2.2
PSR 1946−25 α = −2.0
0.1
1
10
100
500
1000
2000


PSR 1951+32 α = −1.6
PSR 1952+29 α = .0
PSR 1953+50 α = −1.5
PSR 2000+32 α = −1.2
PSR 2000+40 α = −1.8
PSR 2002+31 α = −1.5
PSR 2003−08 α = −1.4
PSR 2011+38 α = −1.1
PSR 2016+28 α = −2.3
PSR 2020+28 α = −.4
PSR 2021+51 α = −.7
PSR 2022+50 α = −.8
PSR 2027+37 α = −2.6
PSR 2035+36 α = −1.6
PSR 2036+53 α = −1.8
PSR 2043−04 α = −2.0
PSR 2044+15 α = −1.7
PSR 2045+56 α = −2.3
PSR 2045−16 α = −1.7
PSR 2053+21 α = −.9
PSR 2053+36 α = −1.9
PSR 2106+44 α = −1.3
PSR 2110+27 α = −2.3
PSR 2111+46 α = −2.0
PSR 2113+14 α = −1.9


PSR 2148+52 α = −1.3
PSR 2148+63 α = −1.7
PSR 2152−31 α = −2.2
PSR 2154+40 α = −1.5
PSR 2210+29 α = −1.6
PSR 2217+47 α = −2.8
PSR 2224+65 α = −1.8
PSR 2227+61 α = −2.5
PSR 2241+69 α = −1.3
PSR 2255+58 α = −.8
PSR 2303+30 α = −2.3
PSR 2303+46 α = −1.3
PSR 2306+55 α = −1.8
PSR 2310+42 α = −1.5
PSR 2315+21 α = −2.2
PSR 2319+60 α = −1.0
PSR 2323+63 α = −.8
PSR 2324+60 α = −1.1
PSR 2327−20 α = −2.0
PSR 2334+61 α = −1.7
PSR 2351+61 α = −1.1
0.1
1
10
100
500
1000
2000