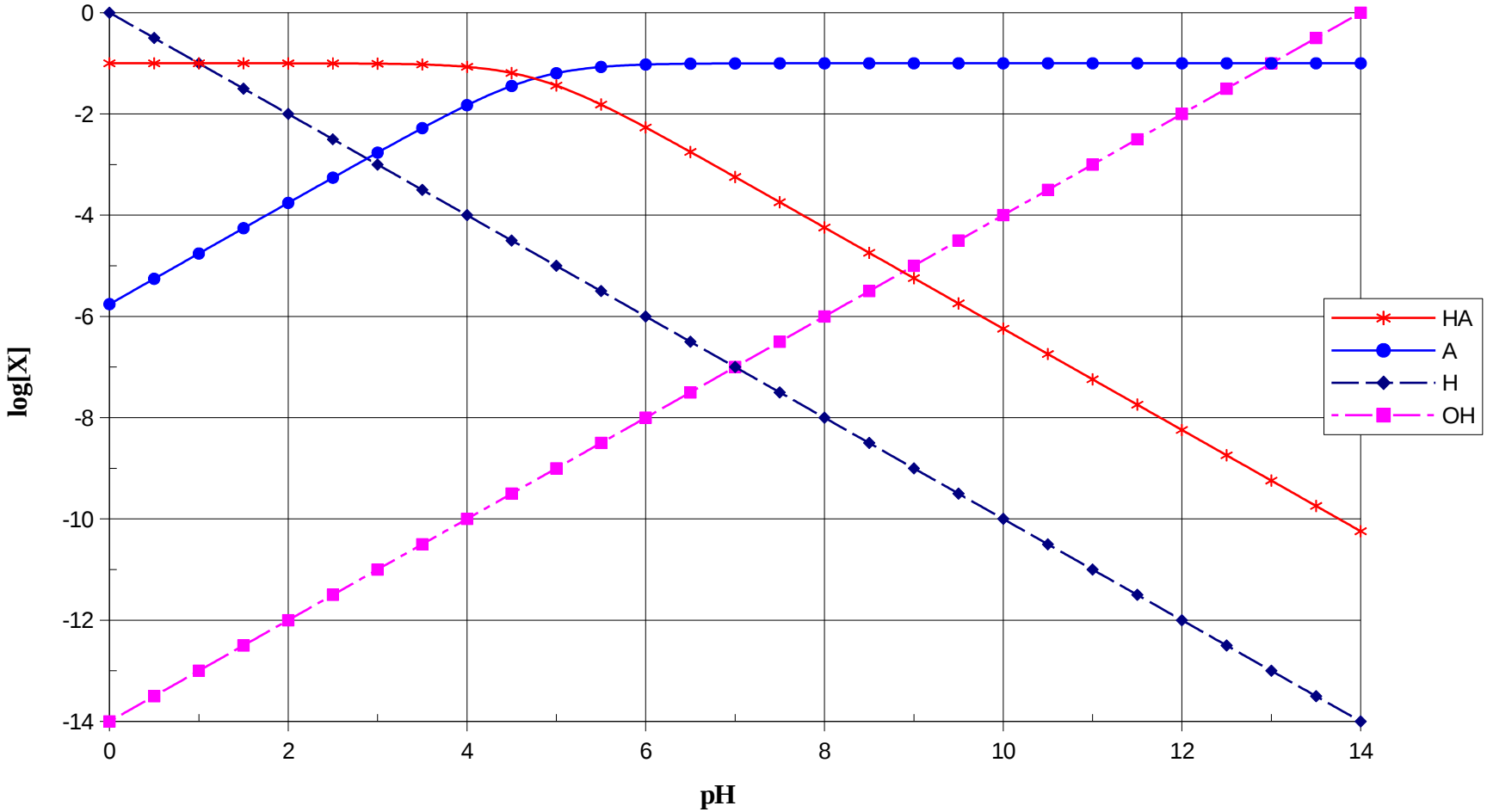
Logaritemski porazdelitveni diagram

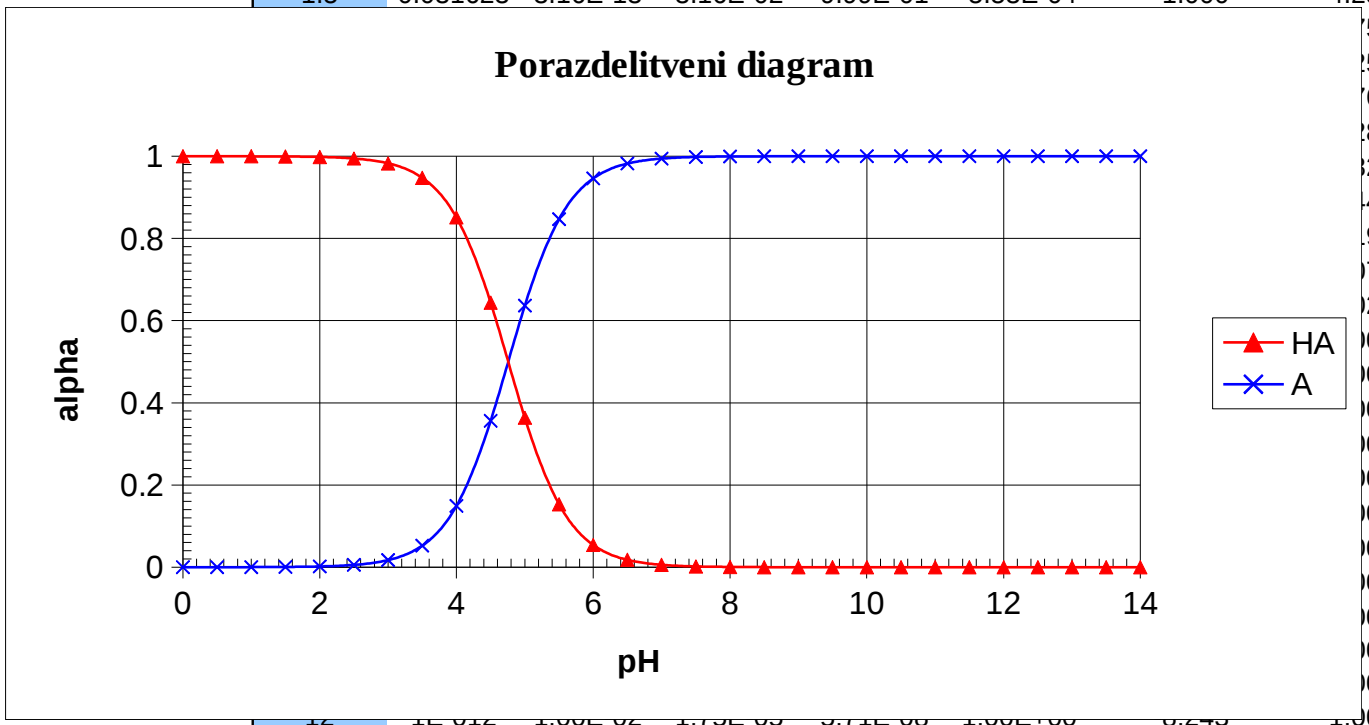


Porazdelitveni diagram HA

Navodilo:
v polja B4, B5 vstavimo podatke o kislini,
v koloni C8-C36 pa pH pri katerem želimo izračunati porazdelitev.
Logaritemsko porazdelitev zvrsti prikazuje list logX.

Kislina	HA	pKa
Ka1	1.75E-05	4.757
C(M)	0.1	
Kw	1.00E-14	

pH	H	OH	F	HA alfa0	A alfa1	HA log(alfa0)	A log(alfa1)	H log (H)	OH log(OH)
0	1	1.00E-14	1.00E+00	1.00E+00	1.75E-05	-1.000	-5.757	0	-14
0.5	0.316228	3.16E-14	3.16E-01	1.00E+00	5.53E-05	-1.000	-5.257	-0.5	-13.5
1	0.1	1.00E-13	1.00E-01	1.00E+00	1.75E-04	-1.000	-4.757	-1	-13
1.5	0.031623	3.16E-13	3.16E-02	9.99E-01	5.53E-04	-1.000	-4.257	-1.5	-12.5
								-2	-12
								-2.5	-11.5
								-3	-11
								-3.5	-10.5
								-4	-10
								-4.5	-9.5
								-5	-9
								-5.5	-8.5
								-6	-8
								-6.5	-7.5
								-7	-7
								-7.5	-6.5
								-8	-6
								-8.5	-5.5
								-9	-5
								-9.5	-4.5
								-10	-4
								-10.5	-3.5
								-11	-3
								-11.5	-2.5
								-12	-2
12.5	3.2E-013	3.16E-02	1.75E-05	1.81E-08	1.00E+00	-8.743	-1.000	-12.5	-1.5



13	1E-013	1.00E-01	1.75E-05	5.71E-09	1.00E+00	-9.243	-1.000	-13	-1
13.5	3.2E-014	3.16E-01	1.75E-05	1.81E-09	1.00E+00	-9.743	-1.000	-13.5	-0.5
14	1E-014	1.00E+00	1.75E-05	5.71E-10	1.00E+00	-10.243	-1.000	-14	0