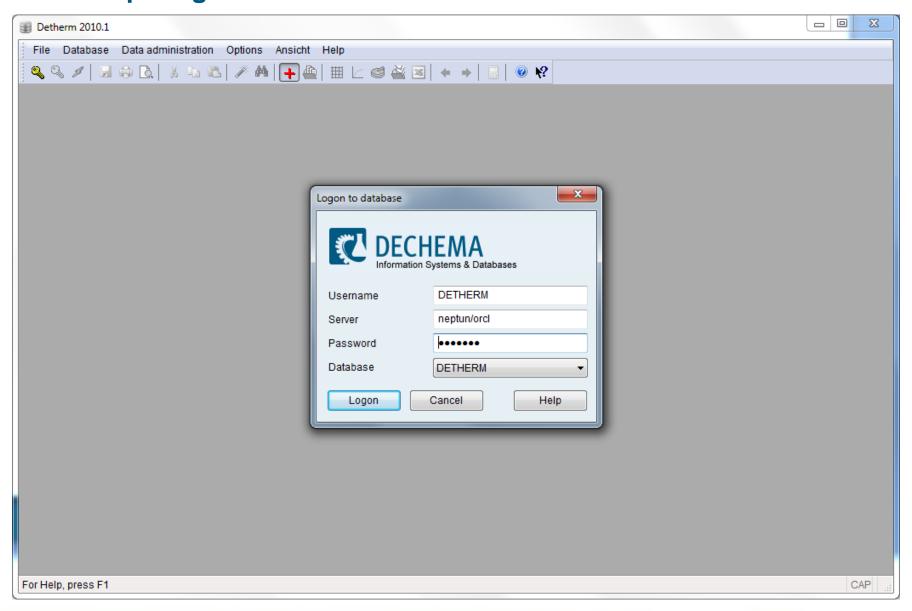


DETHERM in Action ...

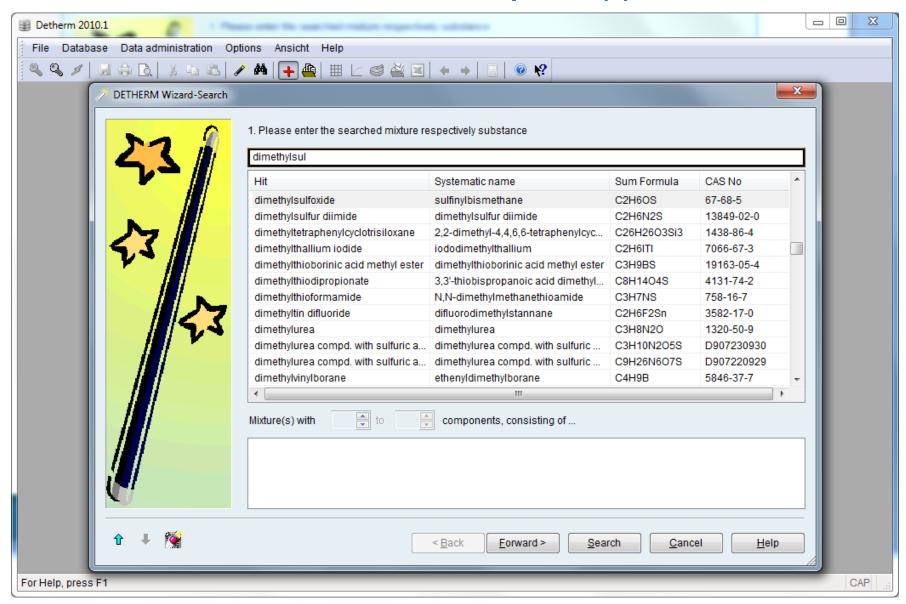
Overview on the usage of DETHERM

1st step: Logon to database server



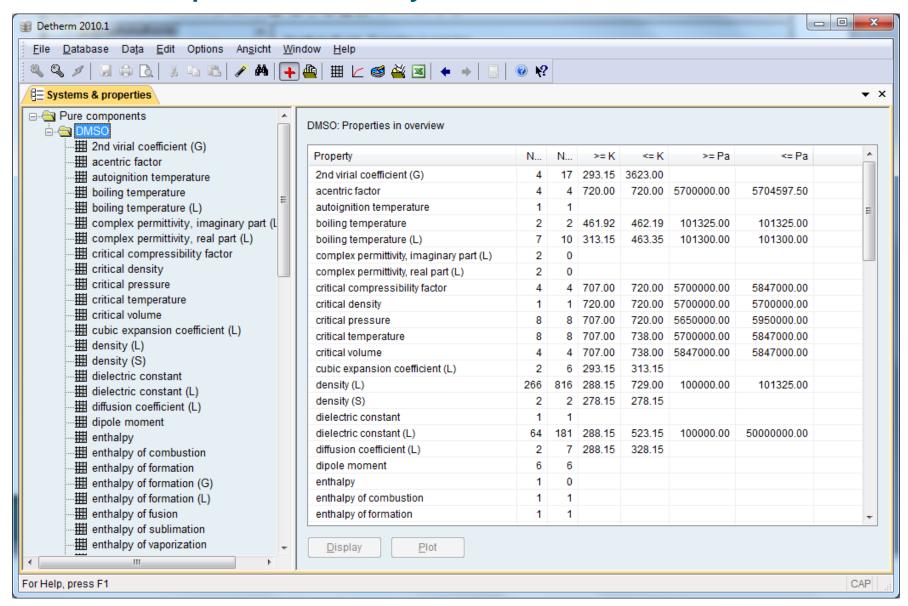


Wizard-Search: Identification of component(s)



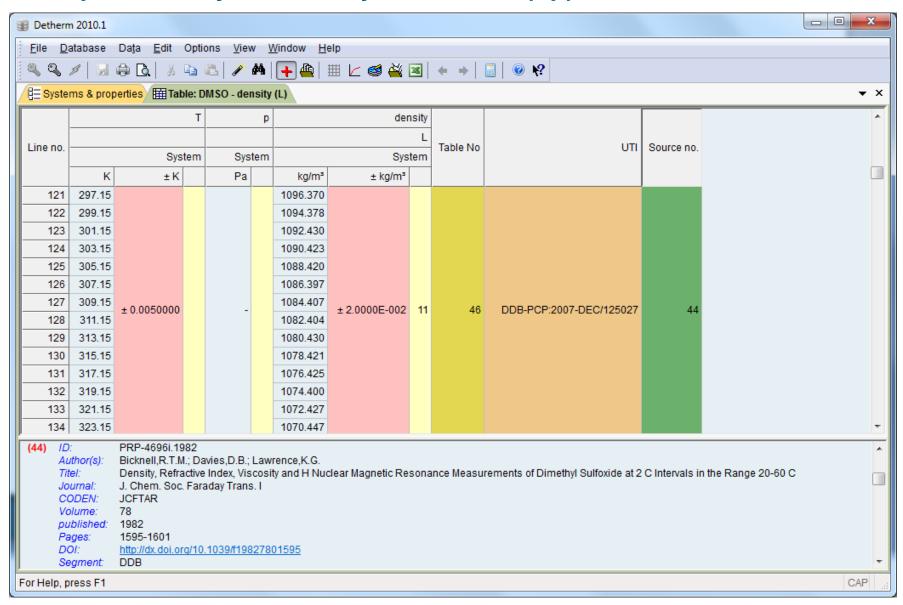


Result: Properties of Dimethylsulfoxide in overview



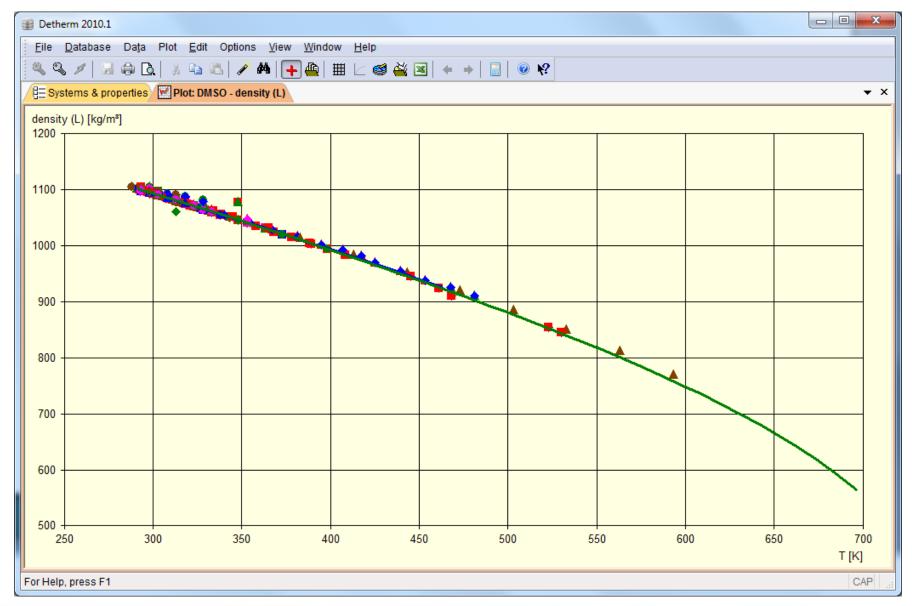


Liquid Density of Dimethylsulfoxide: f(t,p)



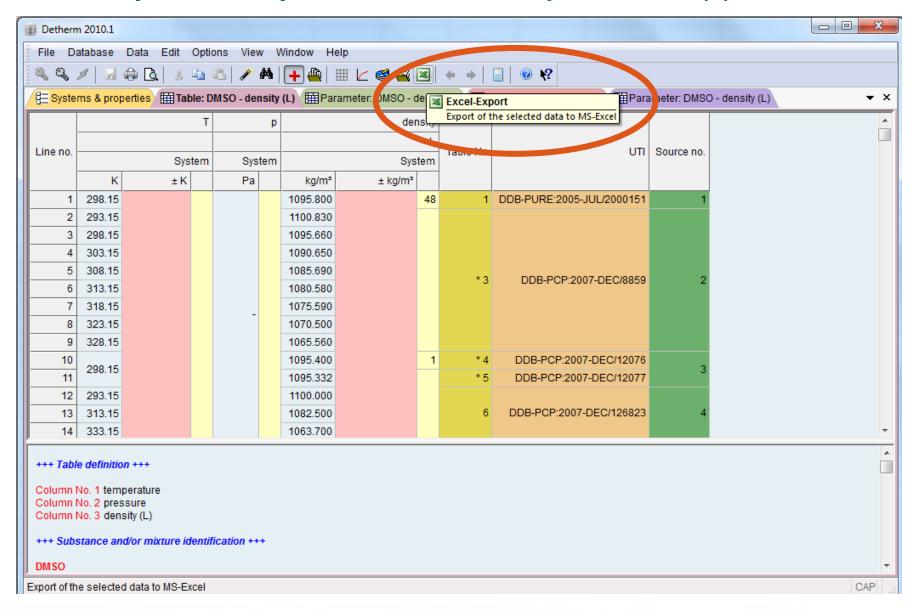


Density of Dimethylsulfoxide: Plot of temperature dependency





Density of Dimethylsulfoxide: Excel-Export of data (1)



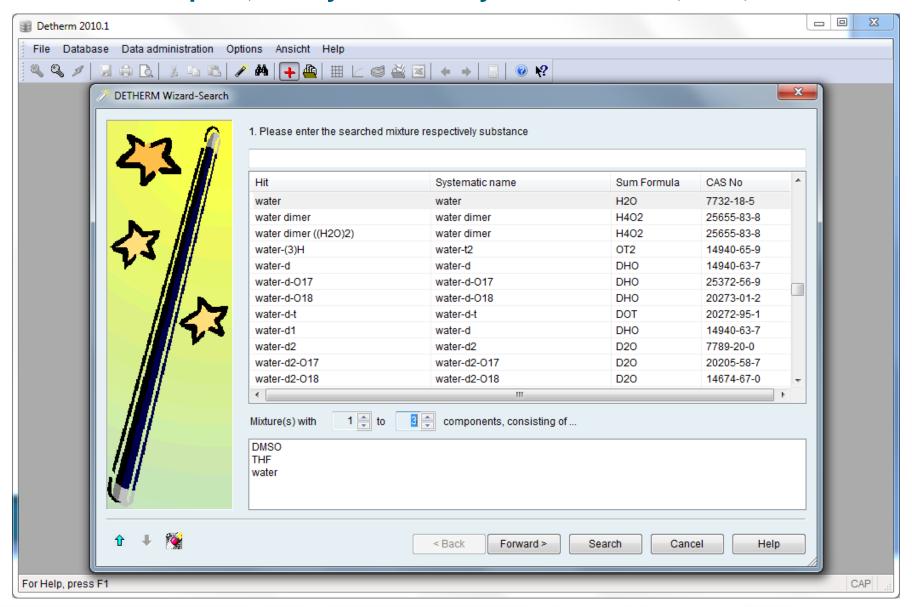


Density of Dimethylsulfoxide: Excel-Export of data (2)

4	Α	В	С	D	Е
1	System:	DMSO			
2	Component:	DMSO			
3	CAS-No.:	67-68-5			
4	Sum formula:	C2H6OS			
5	Mol weight [g/mol]:	78,1338			
6					
7	temperature	pressure	density (L)	Collection:	UTI:
8	[K]	[Pa]	[kg/m³]		
9					
10	298,15		1095,8	DDB	DDB-PURE:2005-JUL/2000151
11					
12	293,15		1100,83	DDB	DDB-PCP:2007-DEC/8859
13	298,15		1095,66	DDB	DDB-PCP:2007-DEC/8859
14	303,15		1090,65	DDB	DDB-PCP:2007-DEC/8859
15	308,15		1085,69	DDB	DDB-PCP:2007-DEC/8859
16	313,15		1080,58	DDB	DDB-PCP:2007-DEC/8859
17	318,15		1075,59	DDB	DDB-PCP:2007-DEC/8859
18	323,15		1070,5	DDB	DDB-PCP:2007-DEC/8859
19	328,15		1065,56	DDB	DDB-PCP:2007-DEC/8859
20					
21	298,15		1095,4	DDB	DDB-PCP:2007-DEC/12076
22					
23	298,15		1095,332	DDB	DDB-PCP:2007-DEC/12077
24					
25	293,15		1100	DDB	DDB-PCP:2007-DEC/126823
26	313,15		1082,5	DDB	DDB-PCP:2007-DEC/126823
27	333,15		1063,7	DDB	DDB-PCP:2007-DEC/126823
28	353,15		1047,2	DDB	DDB-PCP:2007-DEC/126823

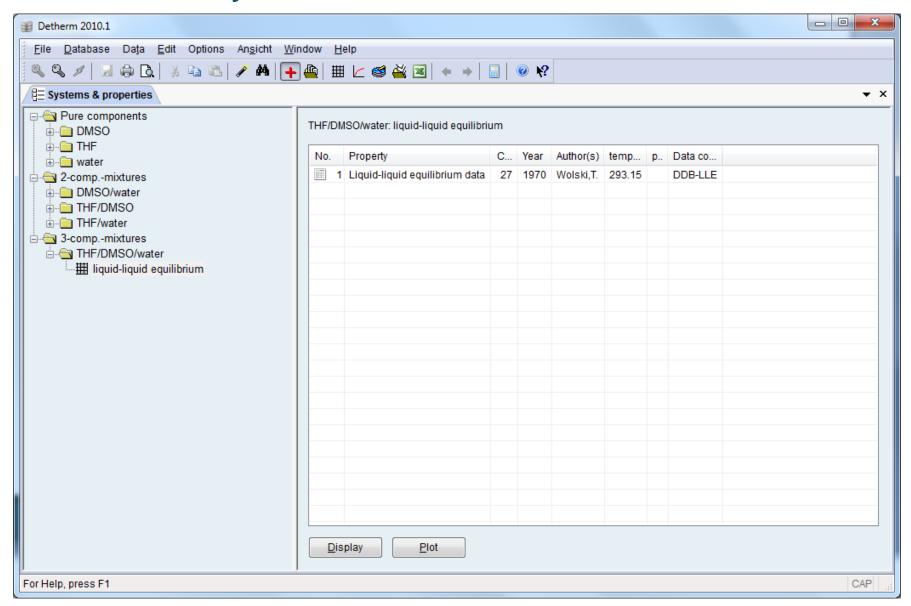


Search for pure, binary and ternary data of DMSO, THF, water



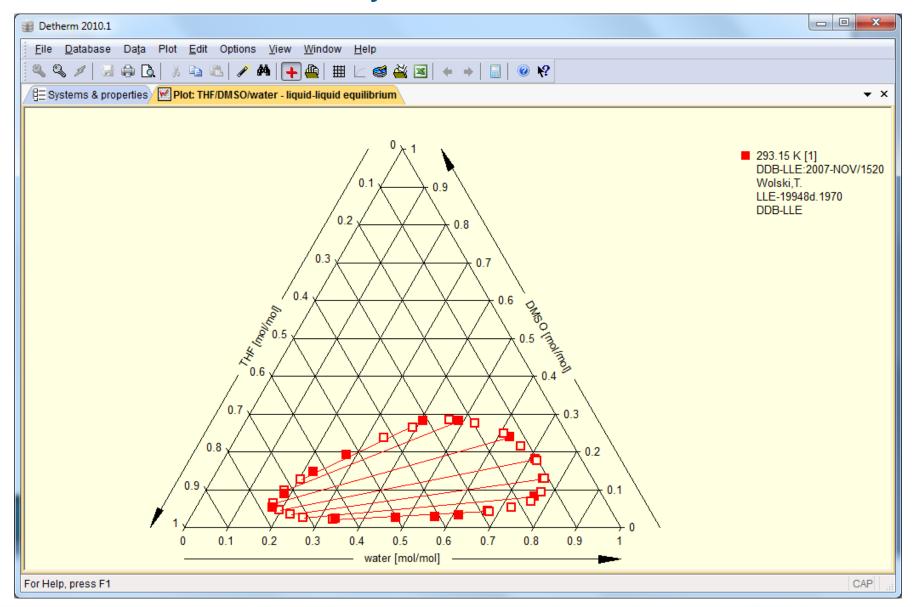


Result: Ternary LLE Data



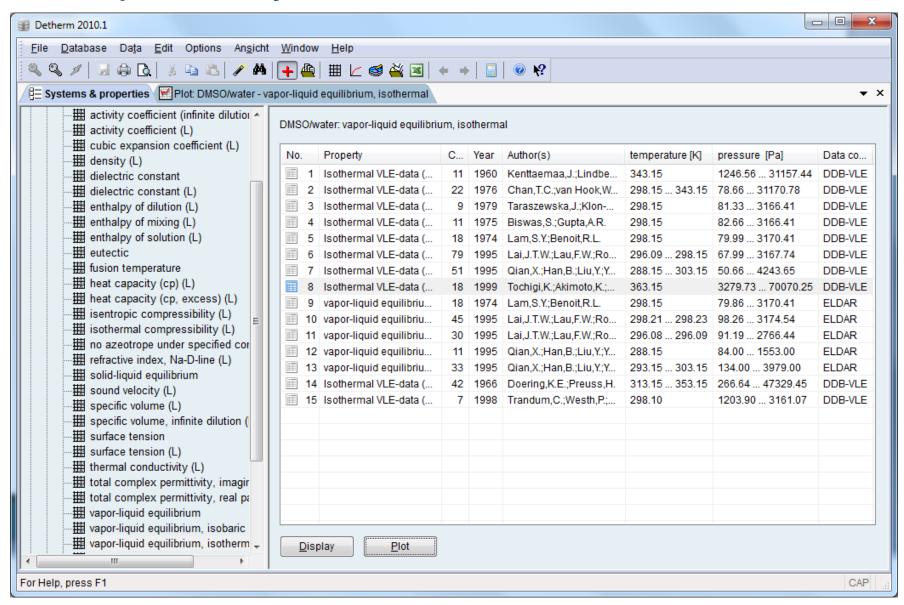


Result: Plot of this ternary LLE data



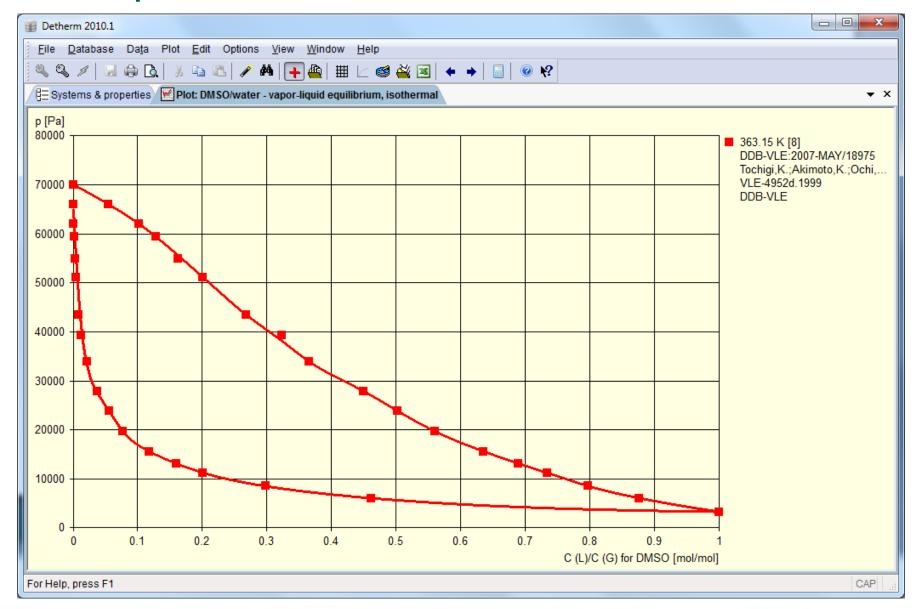


Example for binary VLE-Data of DMSO/Water



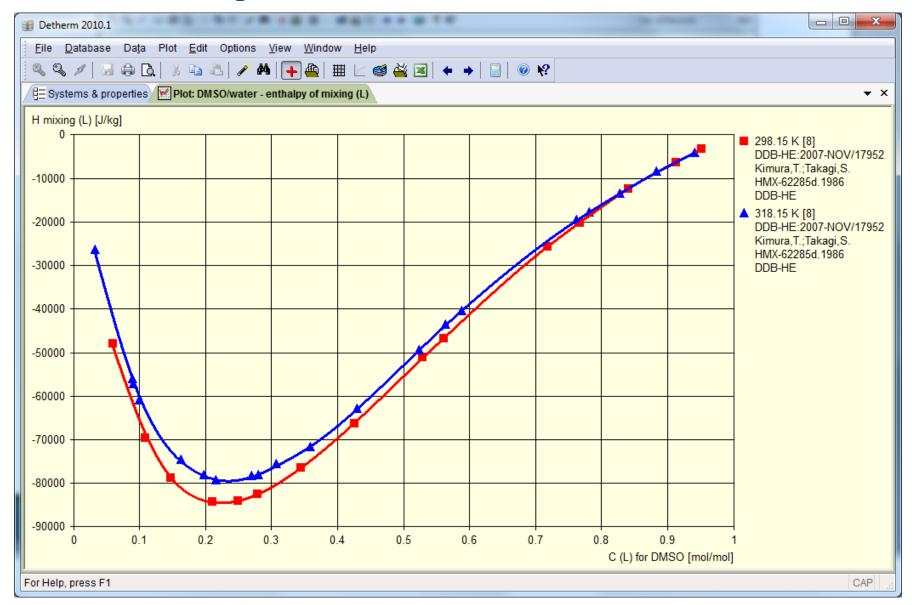


Detail plot: VLE of DMSO/water at 25 Celsius



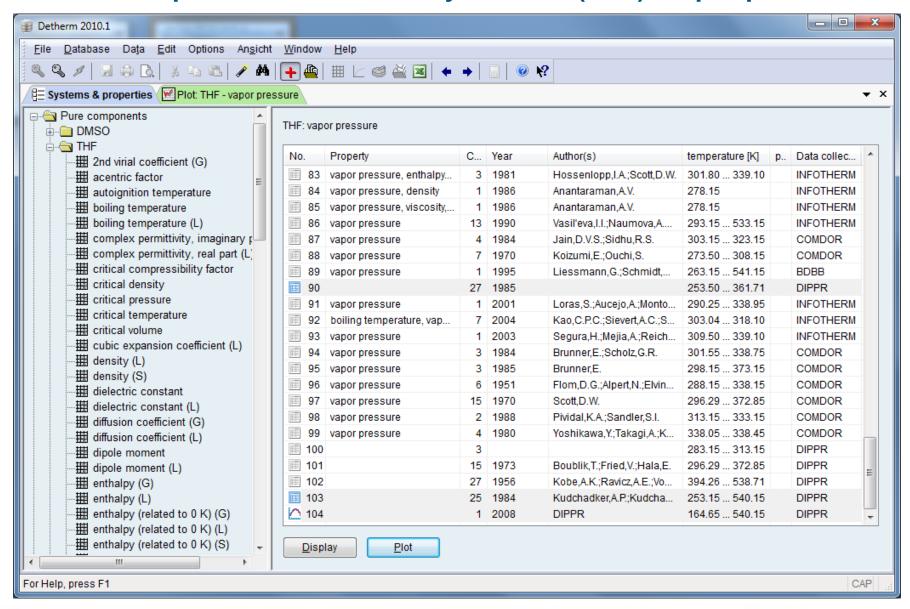


Heats of Mixing: DMSO/Water





Pure component data of Tetrahydrofuran (THF): Vapor pressure





Vapor pressure of THF: Plot of some data sets

