

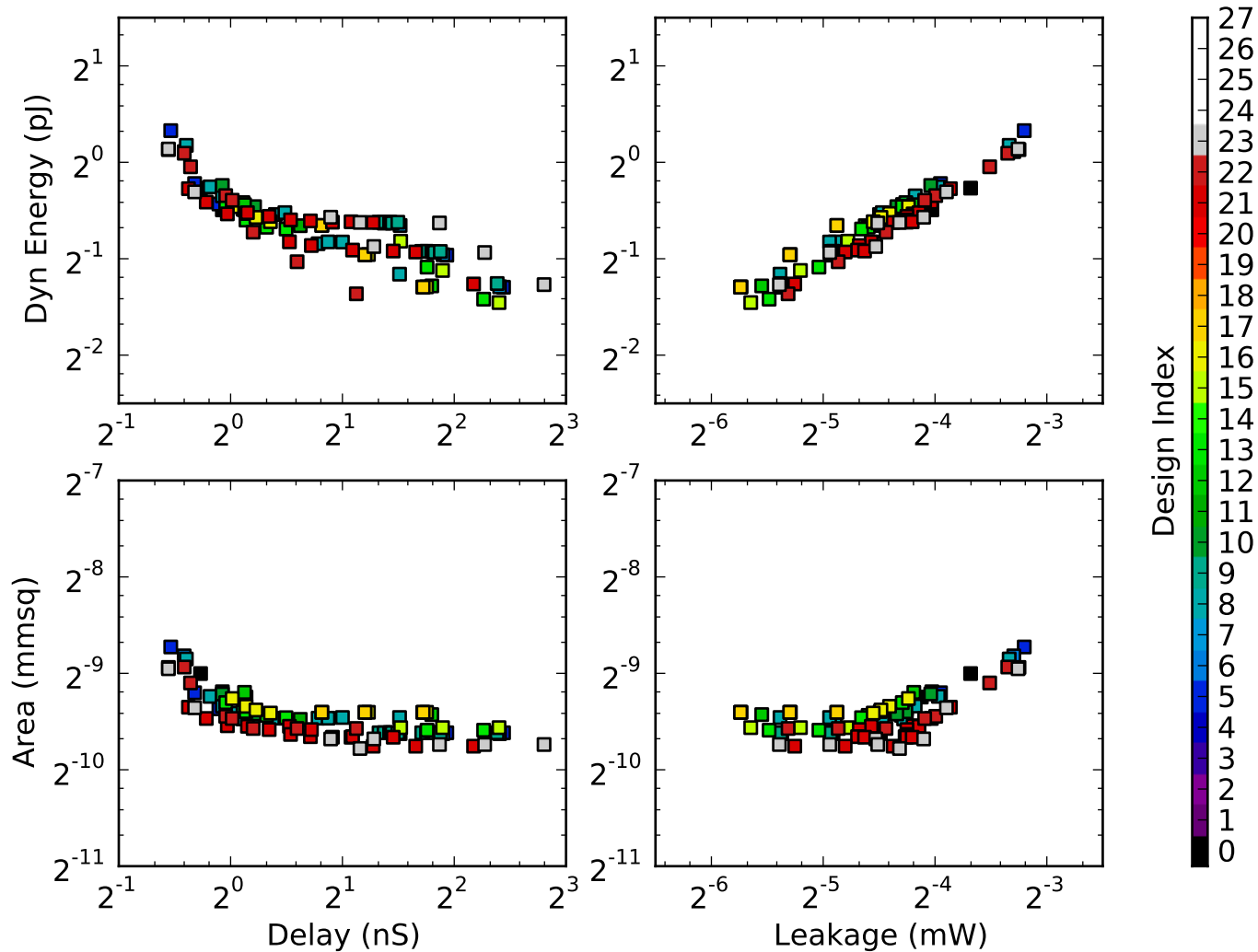
# Multiplier-16

March 15, 2012

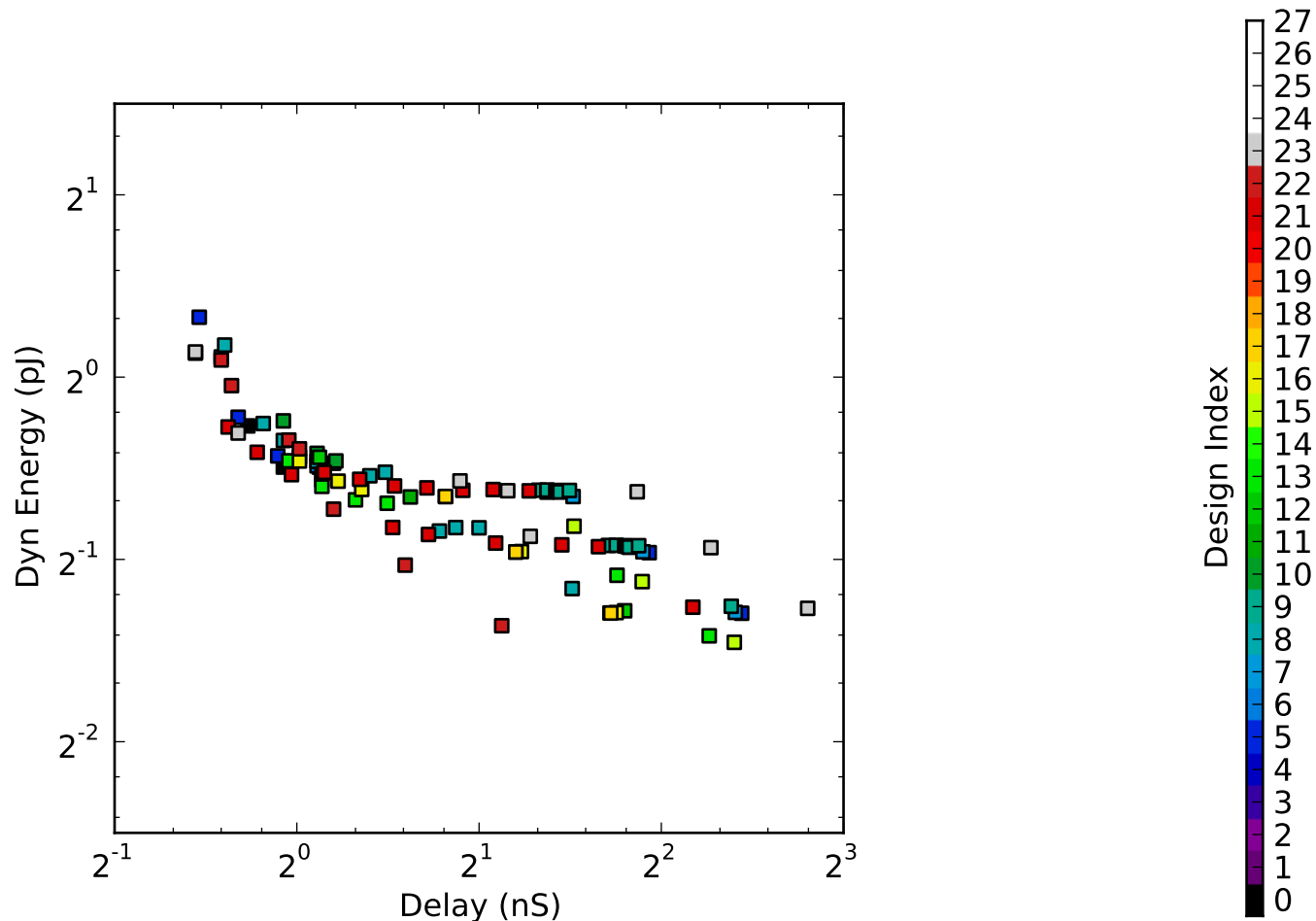
# 1 Design Map

INFO.Pareto	0	0	0	0	
TOP.DesignIndex	0	1	2	3	
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_Multiplier.Multiplier.MultP.BoothType	1	1	1	1	
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_Multiplier.Multiplier.MultP.TreeType	Array	Array	OS1	OS1	
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky	
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO	
TOP.top_Multiplier.Multiplier.Width	16	16	16	16	
INFO.Pareto	1	0	0	0	
TOP.DesignIndex	4	5	6	7	
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_Multiplier.Multiplier.MultP.BoothType	1	1	1	1	
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_Multiplier.Multiplier.MultP.TreeType	Wallace	Wallace	ZM	ZM	
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky	
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO	
TOP.top_Multiplier.Multiplier.Width	16	16	16	16	
INFO.Pareto	0	1	1	1	
TOP.DesignIndex	8	9	10	11	
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_Multiplier.Multiplier.MultP.BoothType	2	2	2	2	
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_Multiplier.Multiplier.MultP.TreeType	Array	OS1	OS1	Wallace	
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare	
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO	
TOP.top_Multiplier.Multiplier.Width	16	16	16	16	
INFO.Pareto	1	1	1	1	
TOP.DesignIndex	12	13	14	15	
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_Multiplier.Multiplier.MultP.BoothType	2	2	2	3	
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_Multiplier.Multiplier.MultP.TreeType	Wallace	ZM	ZM	Array	
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare	
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO	
TOP.top_Multiplier.Multiplier.Width	16	16	16	16	
INFO.Pareto	1	1	0	1	
TOP.DesignIndex	16	17	18	19	
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_Multiplier.Multiplier.MultP.BoothType	3	3	3	3	
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_Multiplier.Multiplier.MultP.TreeType	Array	OS1	OS1	Wallace	
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare	
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO	
TOP.top_Multiplier.Multiplier.Width	16	16	16	16	
INFO.Pareto	1	1	0	0	
TOP.DesignIndex	20	21	22	23	
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_Multiplier.Multiplier.MultP.BoothType	3	3	4	4	
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_Multiplier.Multiplier.MultP.TreeType	Wallace	ZM	Array	Wallace	
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	Sklansky	Sklansky	Sklansky	DesignWare	
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO	
TOP.top_Multiplier.Multiplier.Width	16	16	16	16	
INFO.Pareto	0	1	1	1	
TOP.DesignIndex	24	25	26	27	
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	ON	
TOP.top_Multiplier.Multiplier.MultP.BoothType	4	NA	NA	NA	
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	ON	ON	NA	
TOP.top_Multiplier.Multiplier.MultP.TreeType	Wallace	NA	NA	NA	
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	NA	
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO	
TOP.top_Multiplier.Multiplier.Width	16	16	16	16	

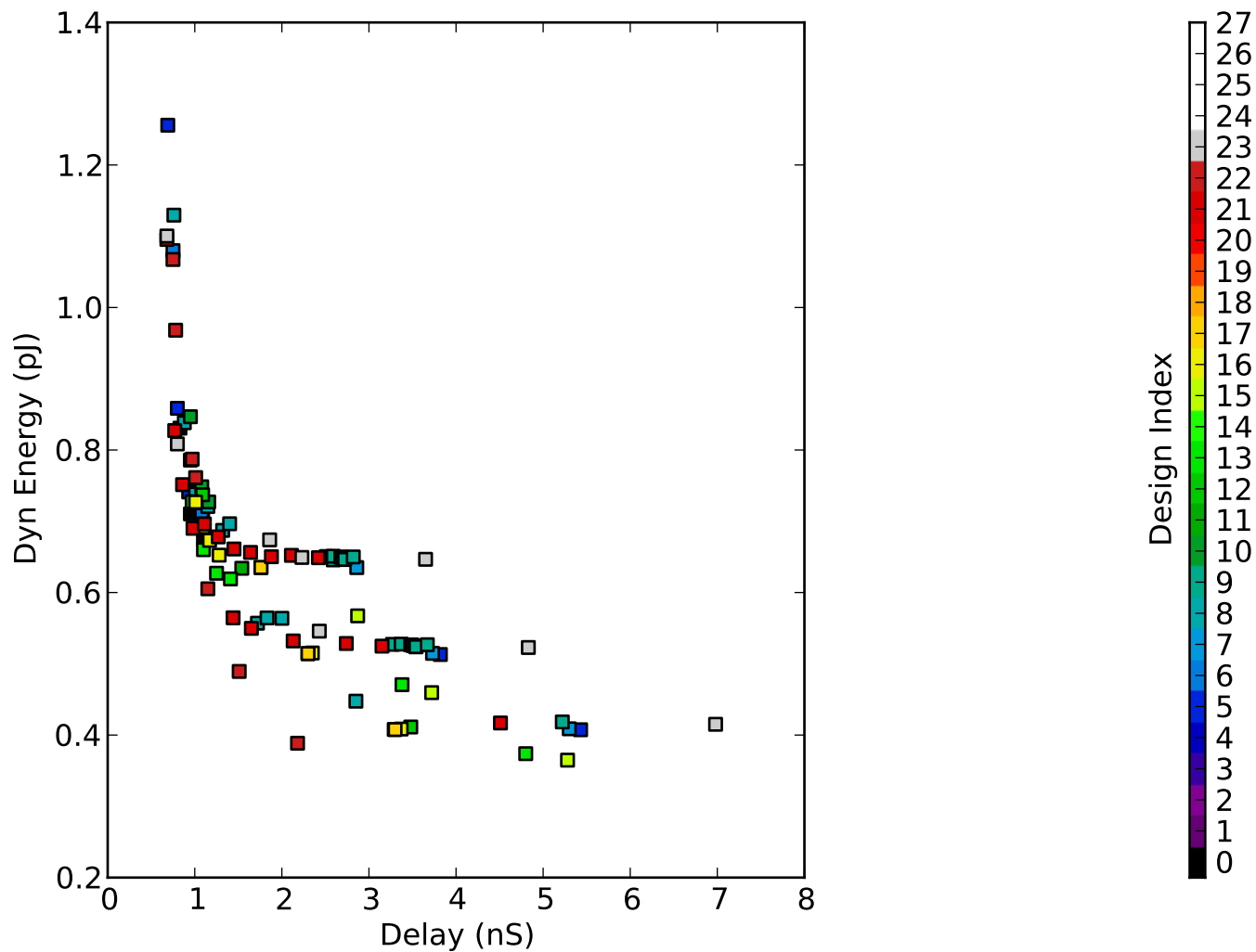
# Multiplier-16-Pareto



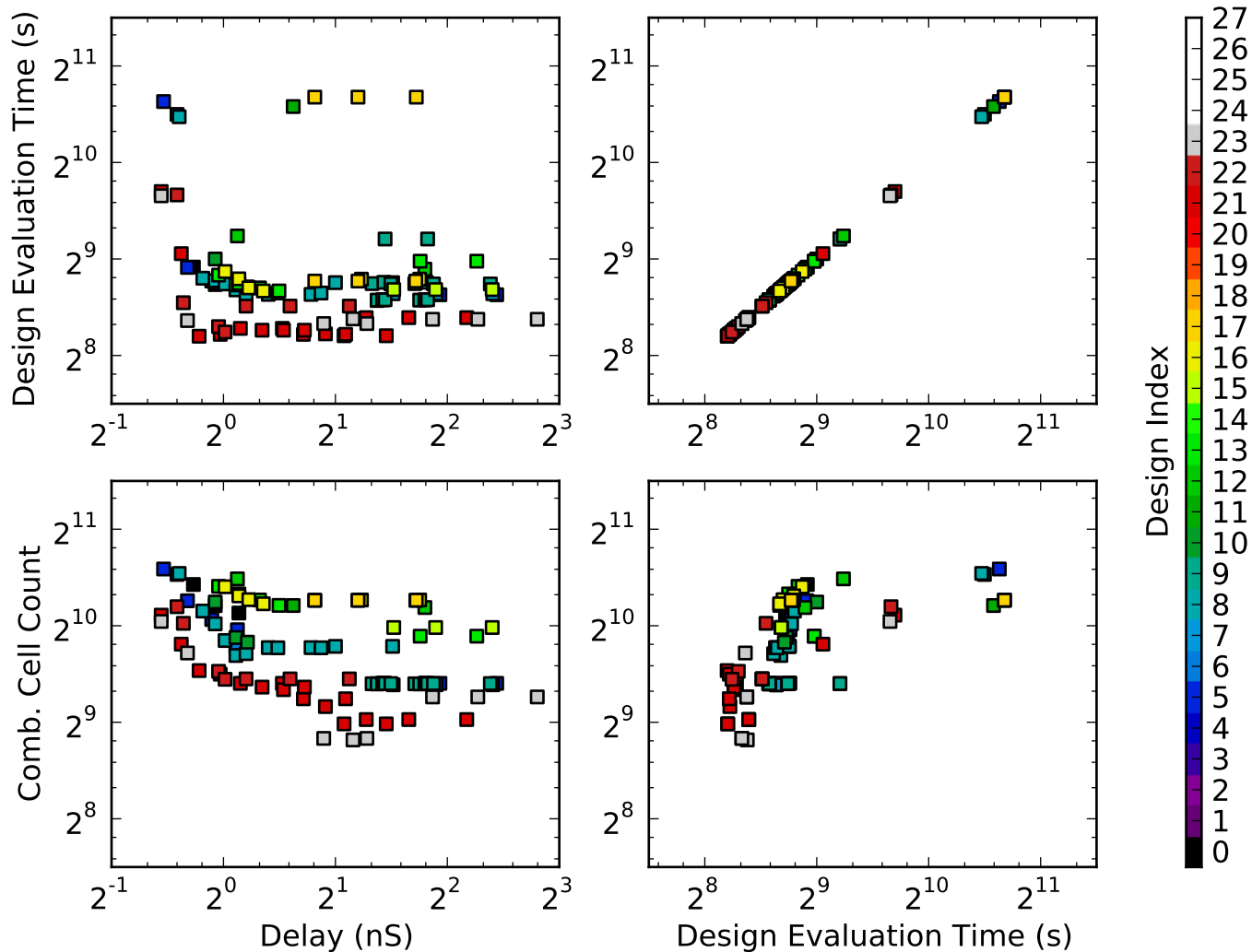
Multiplier-16-Pareto



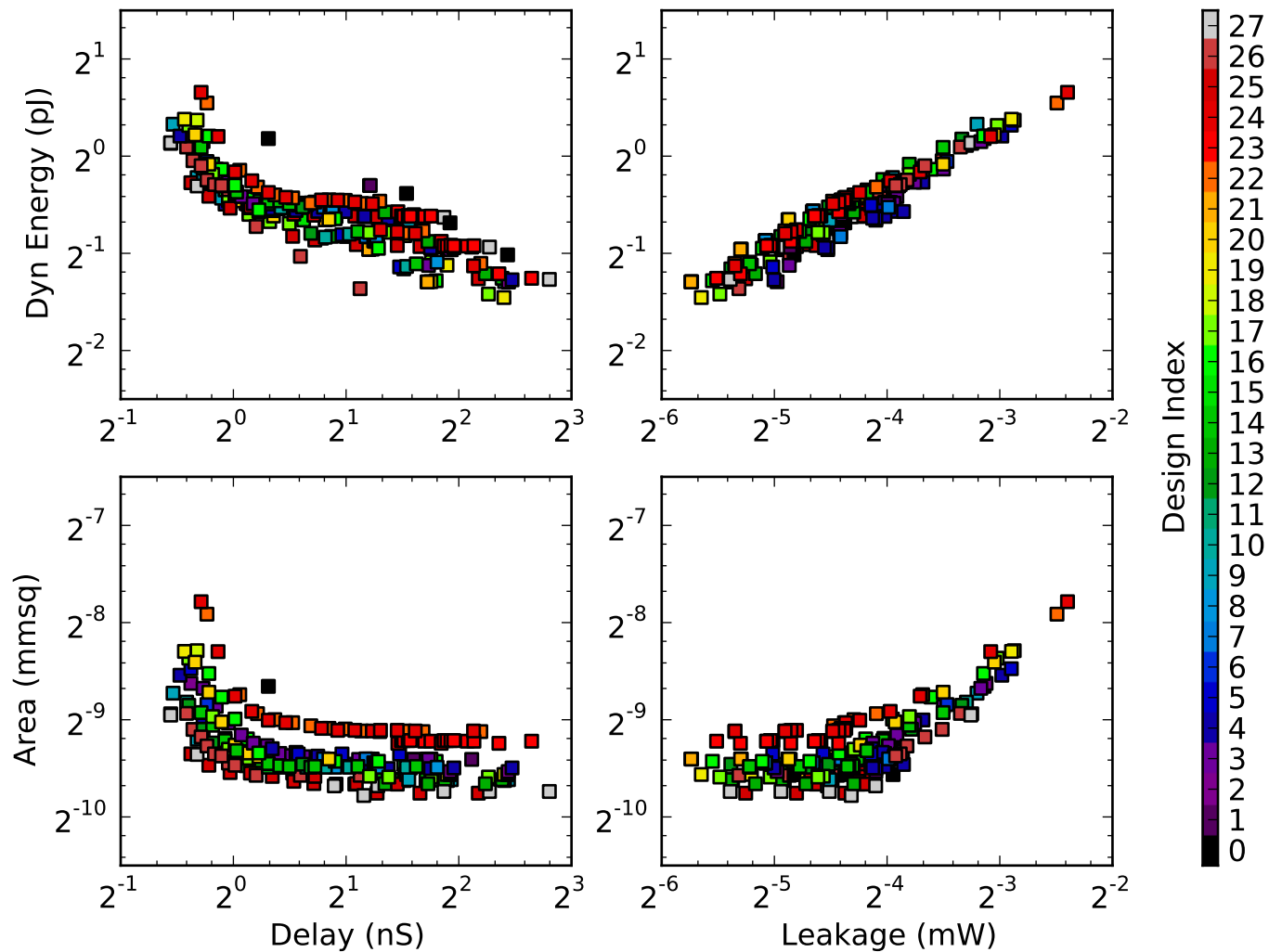
Multiplier-16-Pareto



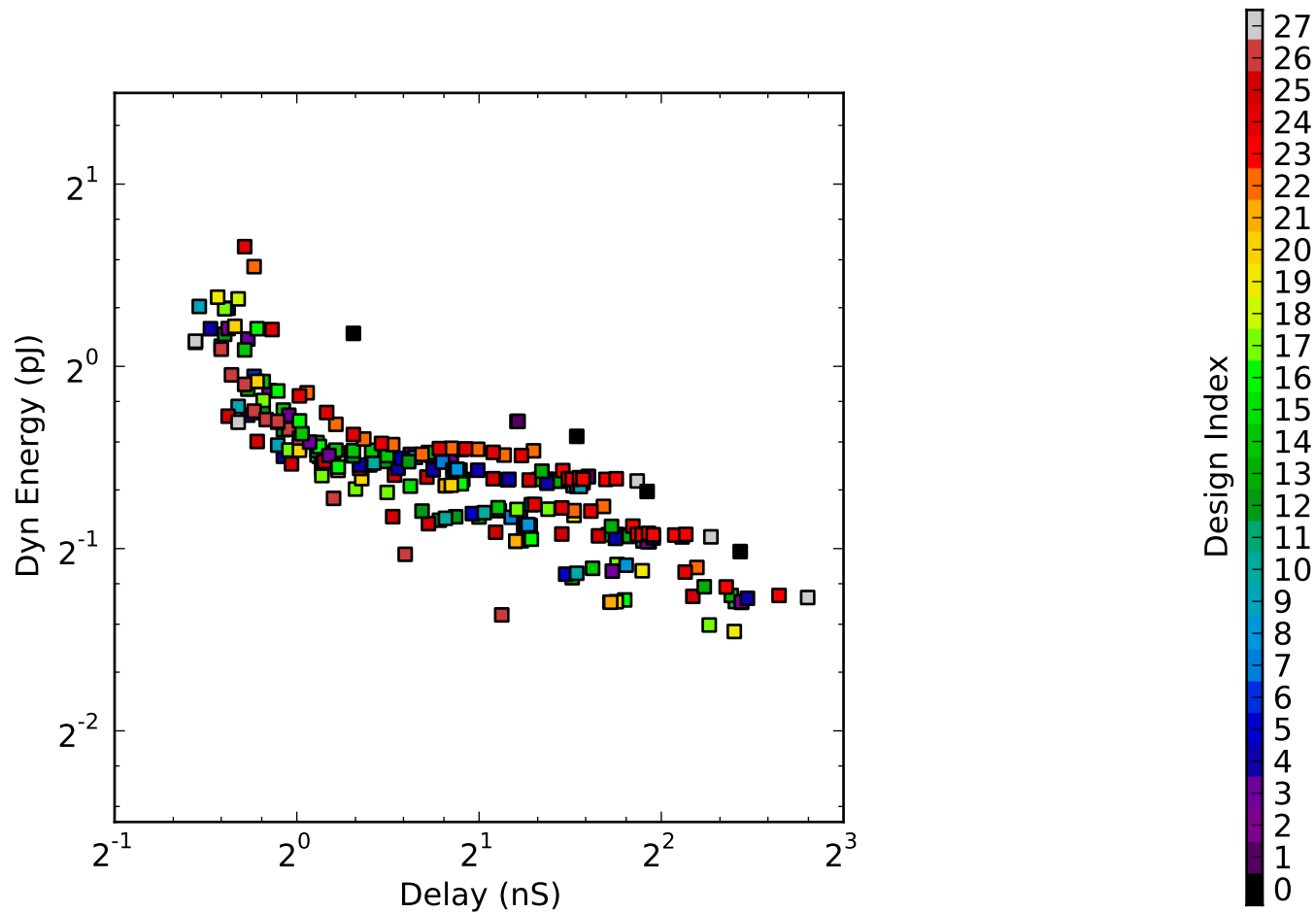
# Multiplier-16-Pareto



# Multiplier-16-All

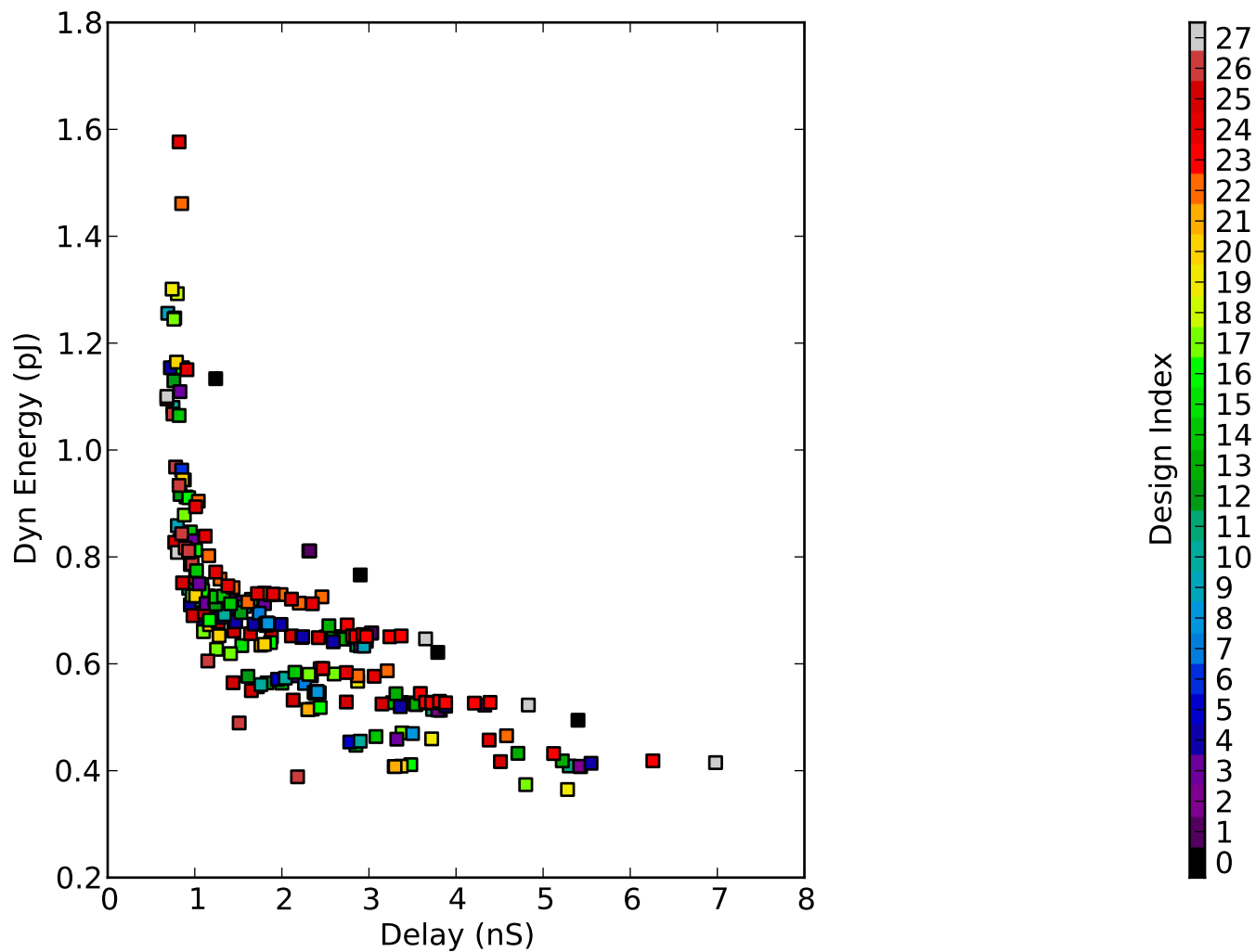


Multiplier-16-All





Multiplier-16-All



# Multiplier-16-All

