Multiplier-128

March 21, 2012
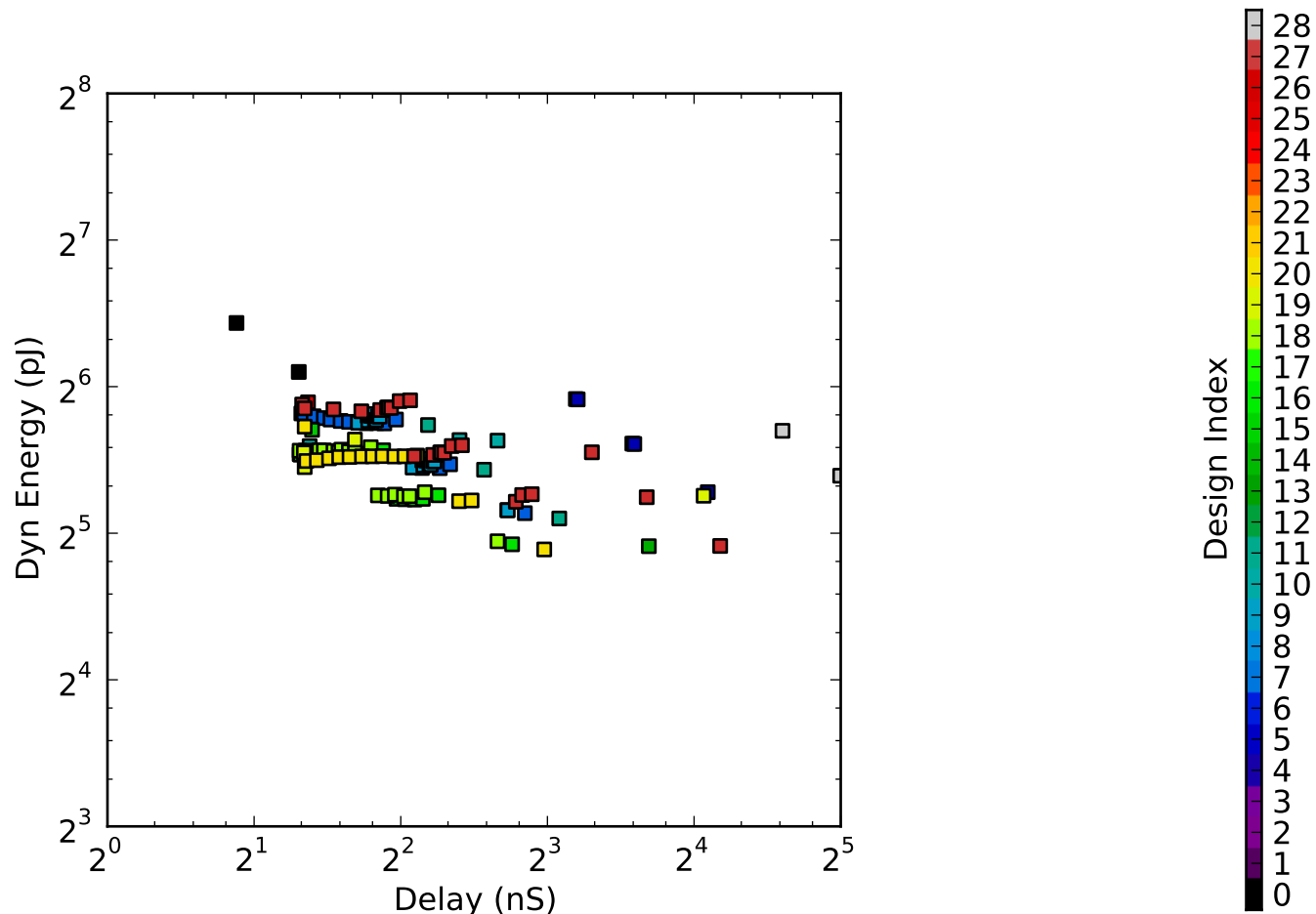
1 Design Map

INFO_Pareto	0	0	0	1
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	Wallace
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	DesignWare
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	128	128	128	128

INFO_Pareto	0	0	0	1
TOP.DesignIndex	4	5	6	7
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.BoothType	1	1	2	2
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.TreeType	Wallace	ZM	Array	Array
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	Sklansky	Sklansky	DesignWare	Sklansky
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	128	128	128	128

INFO_Pareto	0	1	0	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	OS1	OS1	Wallace	Wallace
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	128	128	128	128

INFO_Pareto	1	1	0	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	3	3
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.TreeType	ZM	ZM	Array	Array
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	128	128	128	128

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	OS1	OS1	Wallace	Wallace
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	128	128	128	128

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	ZM	ZM	Array	Array
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	128	128	128	128

INFO_Pareto	0	0	1	1
TOP.DesignIndex	24	25	26	27
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.BoothType	4	4	NA	NA
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	ON	ON
TOP.top_Multiplier.Multiplier.MultP.TreeType	Wallace	Wallace	NA	NA
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	128	128	128	128

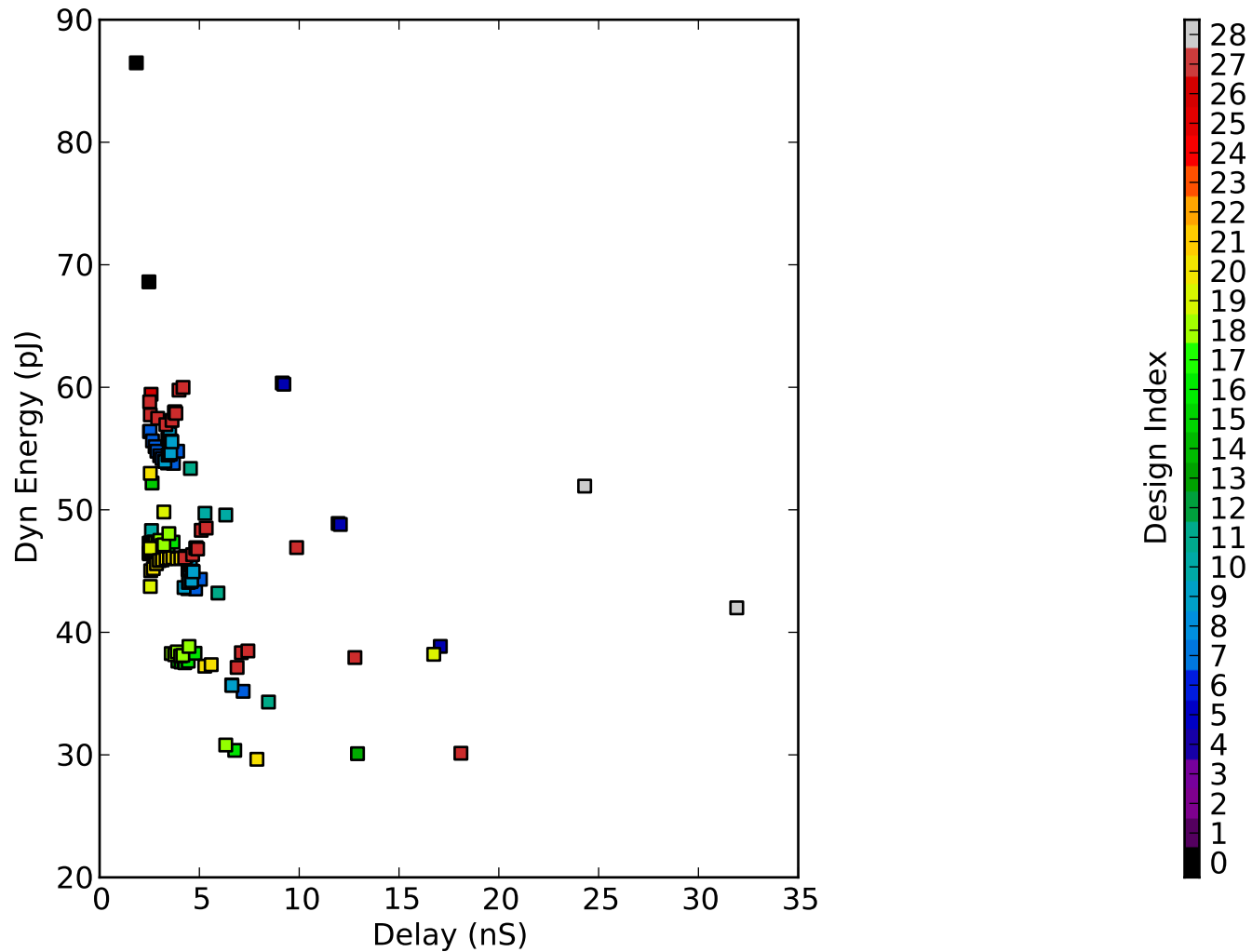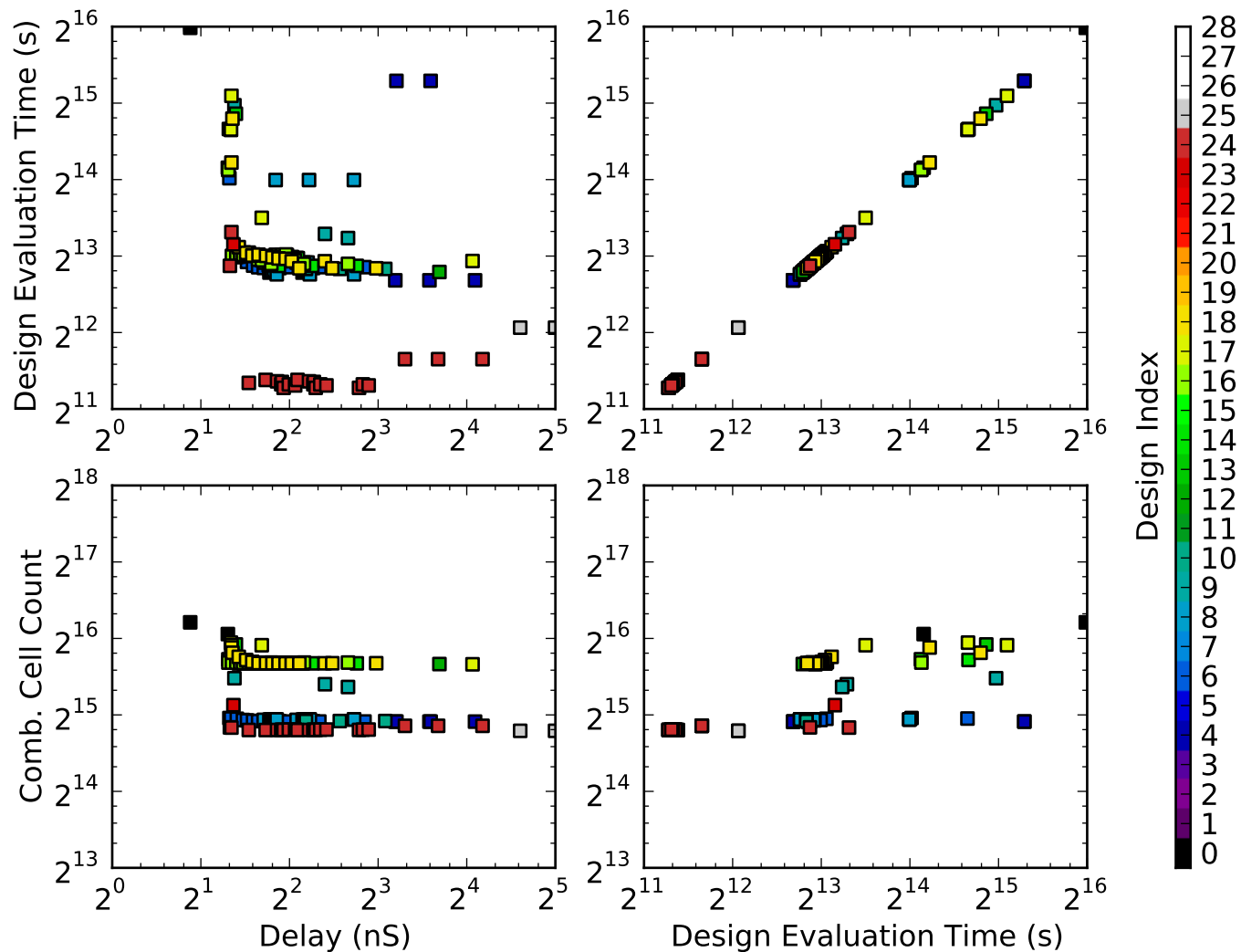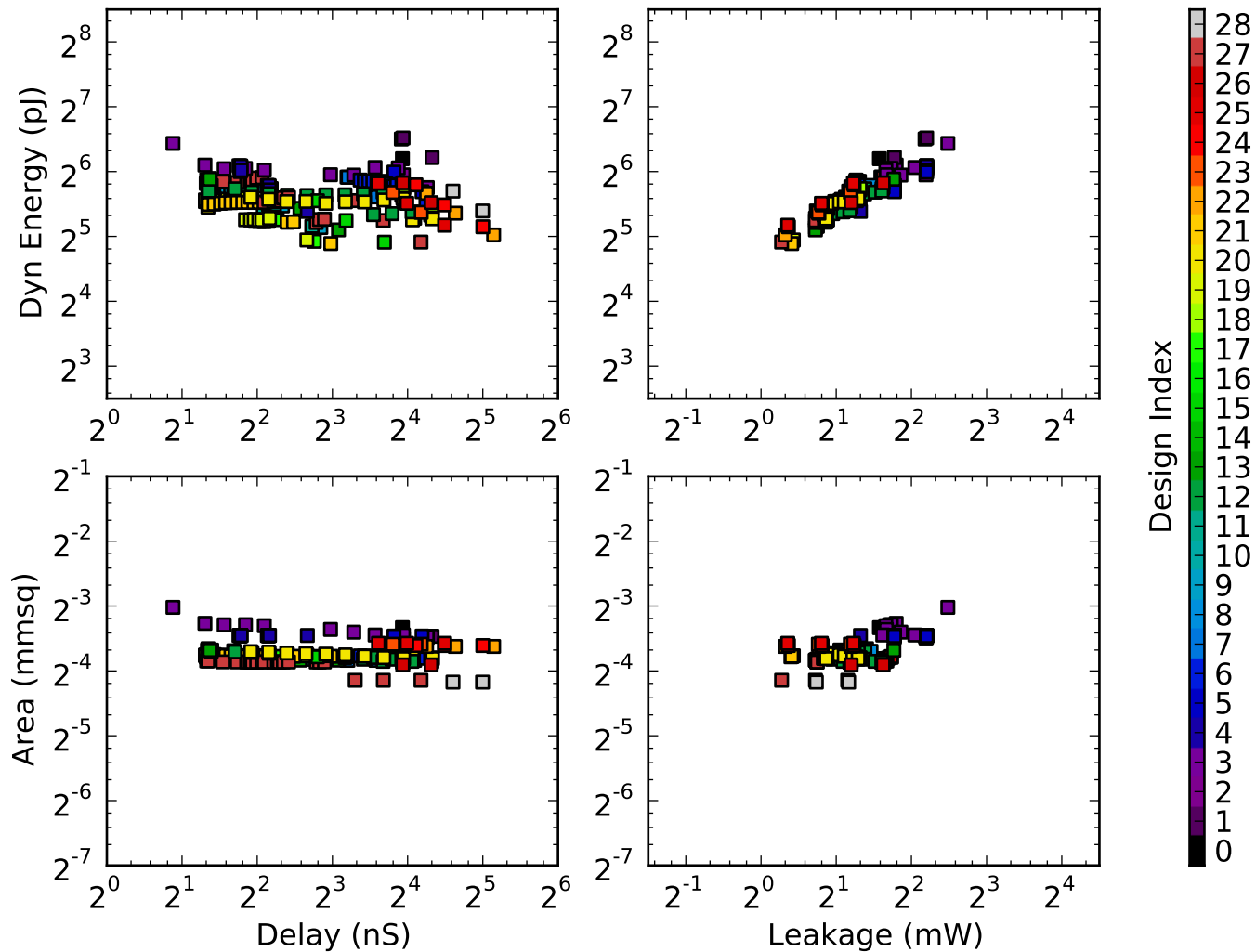|	
INFO_Pareto	1
TOP.DesignIndex	28
TOP.top_Multiplier.Multiplier.Designware_MODE	ON
TOP.top_Multiplier.Multiplier.MultP.BoothType	NA
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	NA
TOP.top_Multiplier.Multiplier.MultP.TreeType	NA
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	NA
TOP.top_Multiplier.Multiplier.UseInc	NO
TOP.top_Multiplier.Multiplier.Width	128

Multiplier-128-Pareto
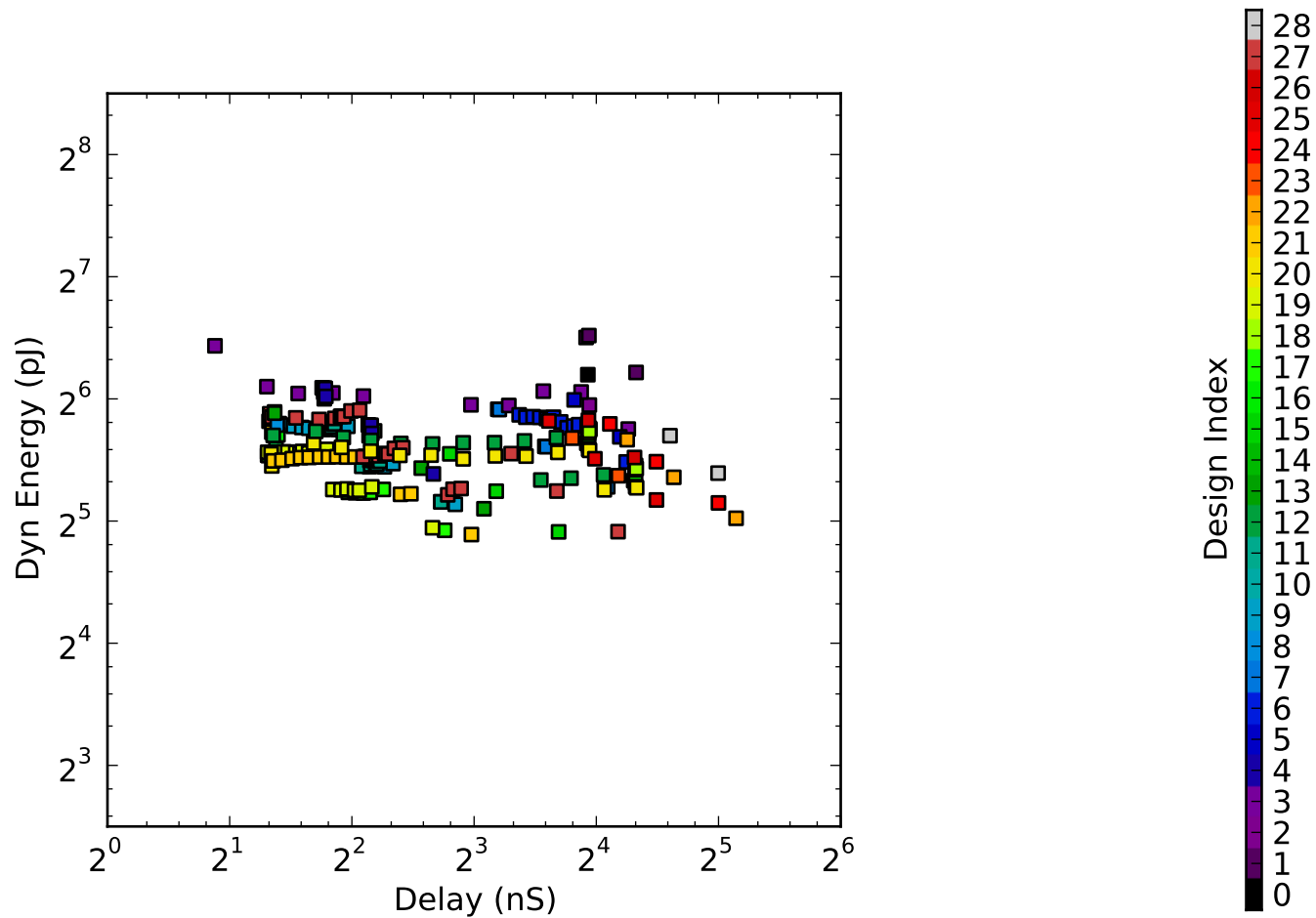
Multiplier-128-Pareto

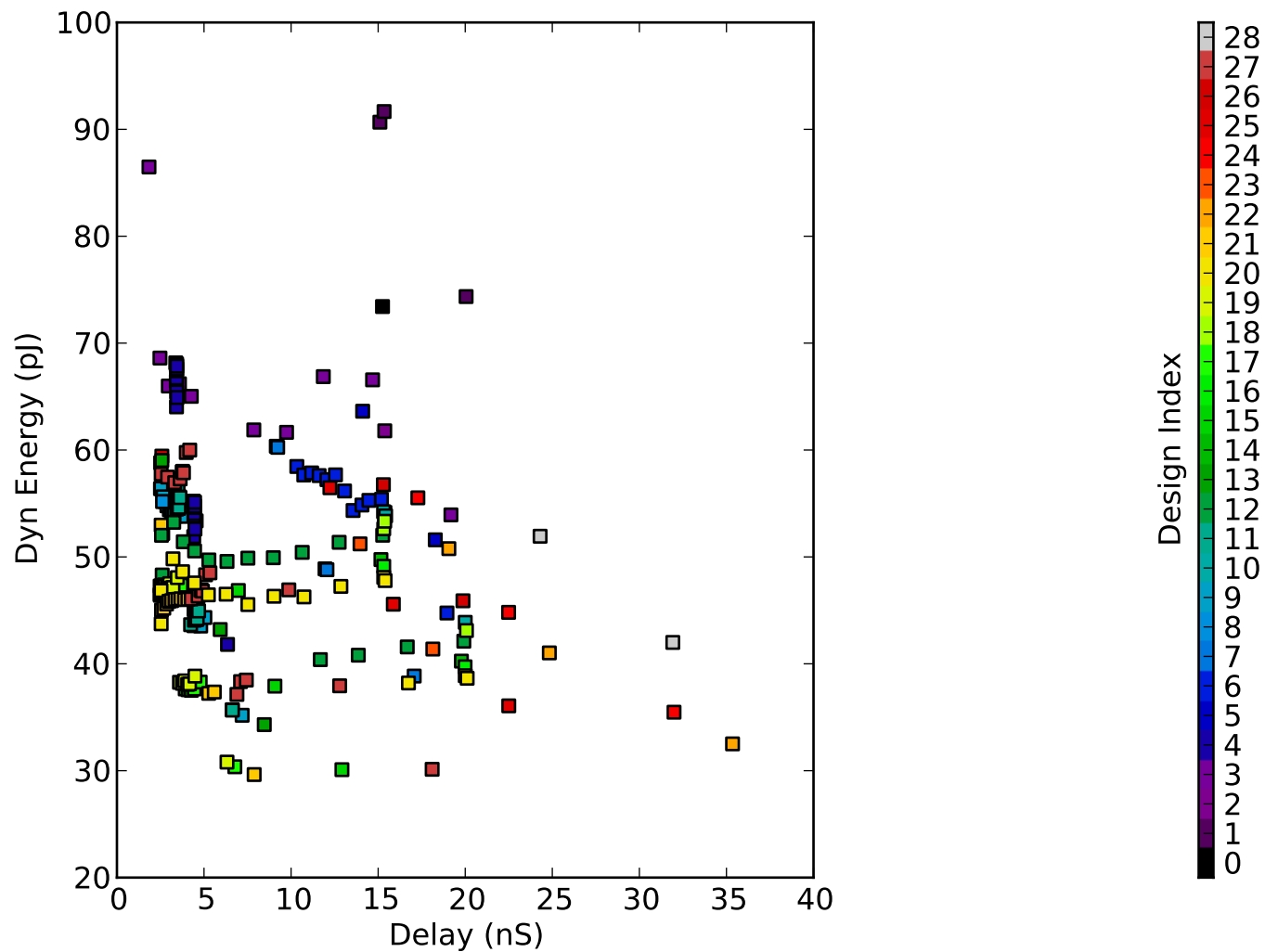Multiplier-128-Pareto

Multiplier-128-Pareto

Multiplier-128-All

Multiplier-128-All

Multiplier-128-All