

A Appendix: Additional Graphs

In this appendix, we provide full graphs for our experiments. In order to keep the number of graphs manageable, when considering tardiness bounds we either fixed the WSS at 128KB or fixed the utilization cap at 20. To facilitate grouping of figures for similar distributions, we begin the graphs on the next page.

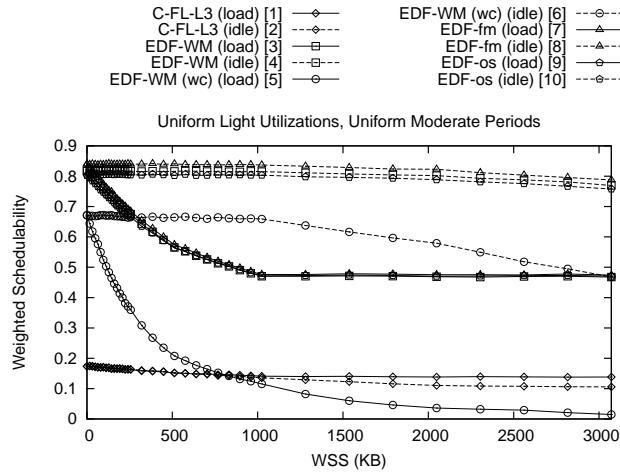


Fig. 15 Uniform Light Utilizations, Uniform Moderate Periods

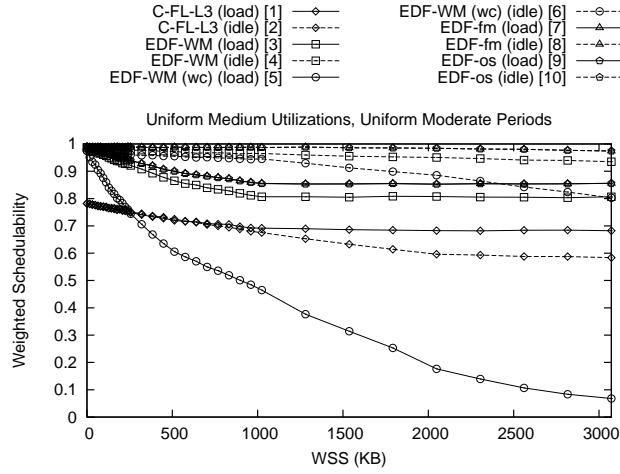


Fig. 16 Uniform Medium Utilizations, Uniform Moderate Periods

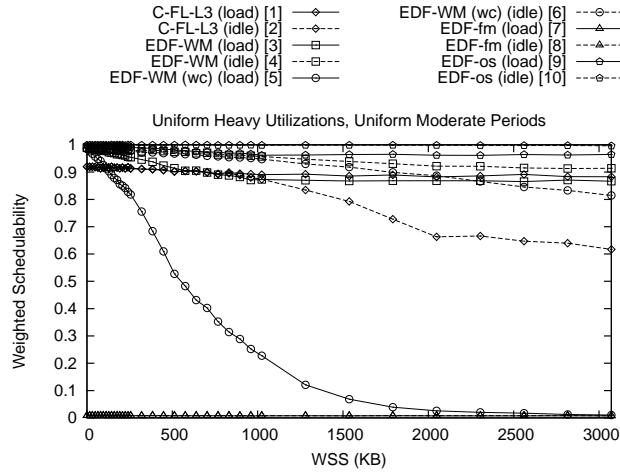


Fig. 17 Uniform Heavy Utilizations, Uniform Moderate Periods

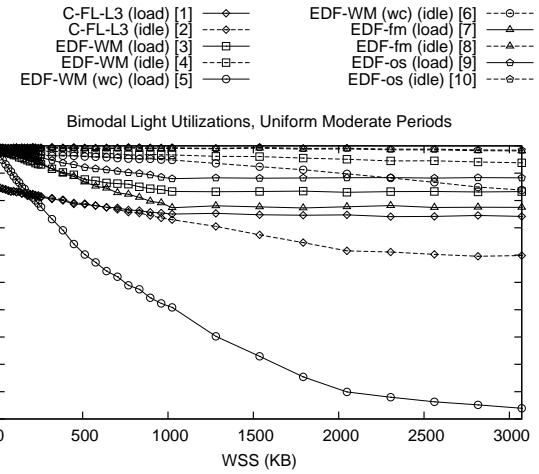


Fig. 18 Bimodal Light Utilizations, Uniform Moderate Periods

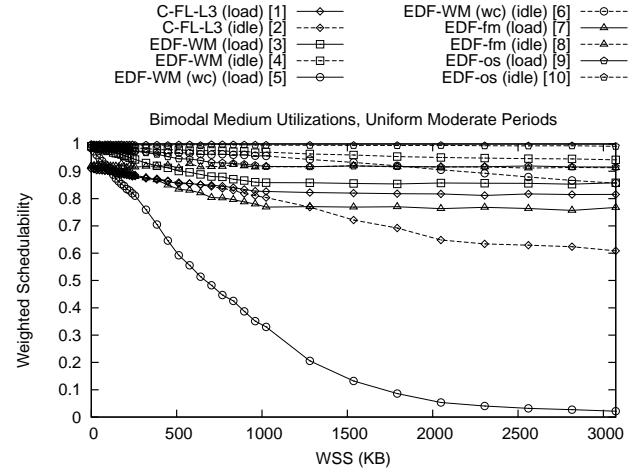


Fig. 19 Bimodal Medium Utilizations, Uniform Moderate Periods

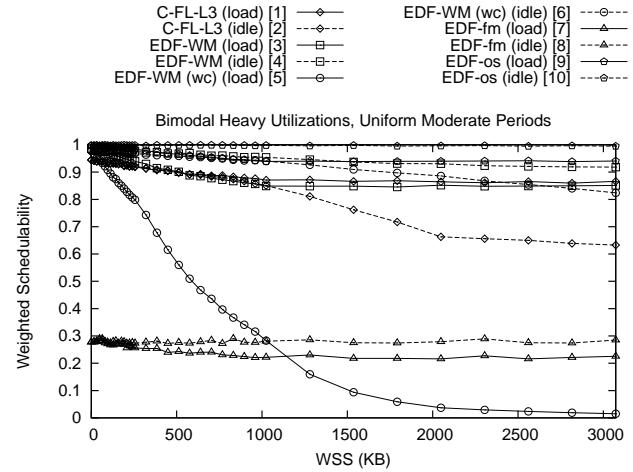


Fig. 20 Bimodal Heavy Utilizations, Uniform Moderate Periods

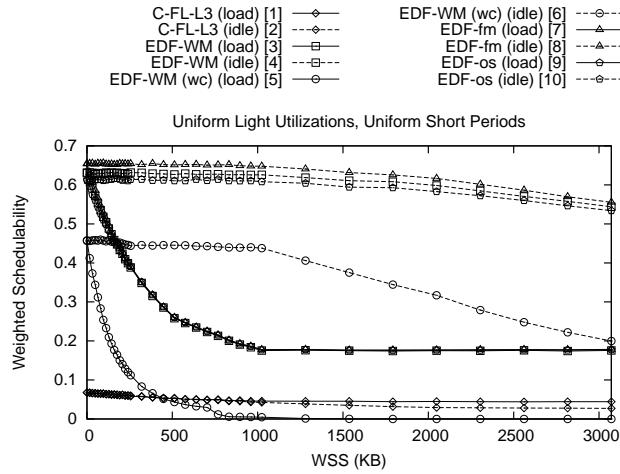


Fig. 21 Uniform Light Utilizations, Uniform Short Periods

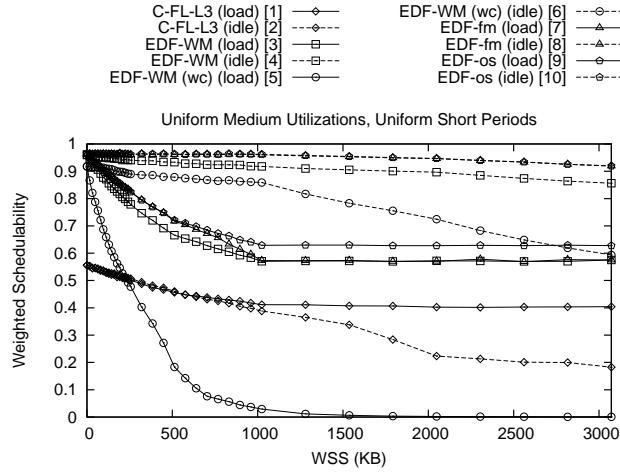


Fig. 22 Uniform Medium Utilizations, Uniform Short Periods

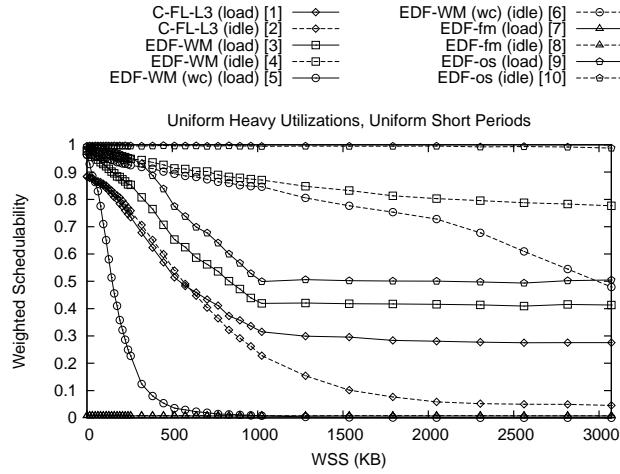


Fig. 23 Uniform Heavy Utilizations, Uniform Short Periods

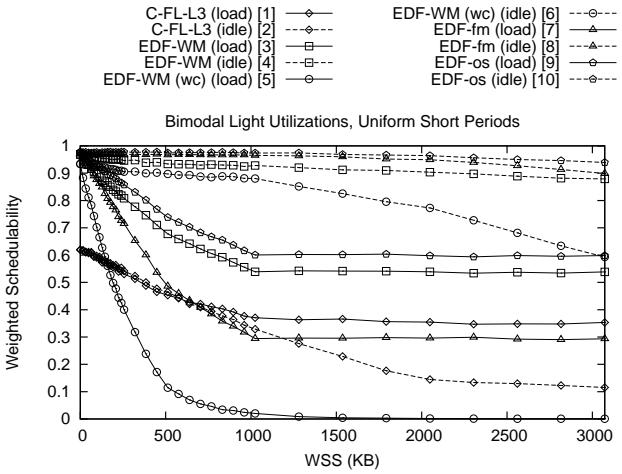


Fig. 24 Bimodal Light Utilizations, Uniform Short Periods

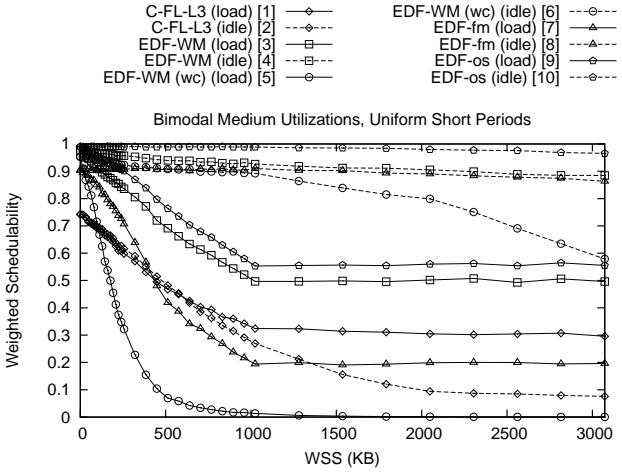


Fig. 25 Bimodal Medium Utilizations, Uniform Short Periods

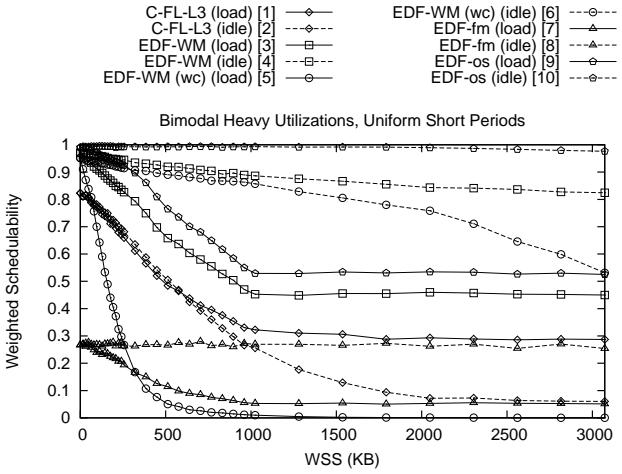


Fig. 26 Bimodal Heavy Utilizations, Uniform Short Periods

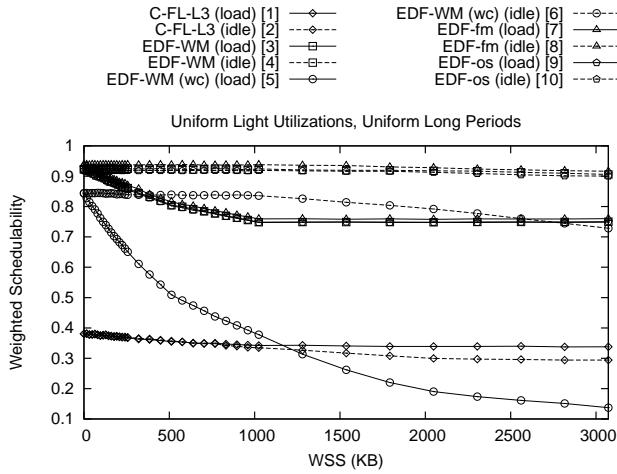


Fig. 27 Uniform Light Utilizations, Uniform Long Periods

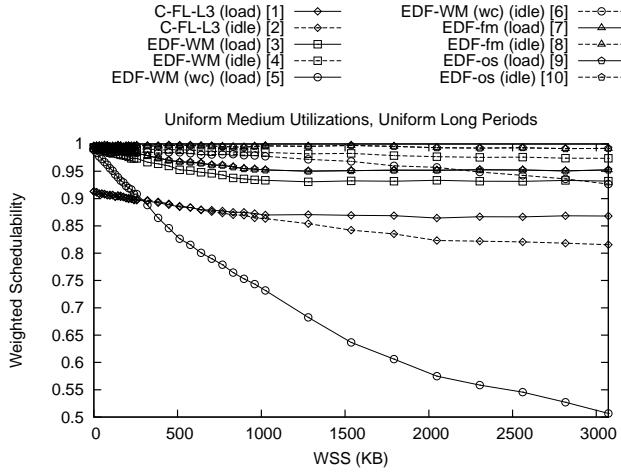


Fig. 28 Uniform Medium Utilizations, Uniform Long Periods

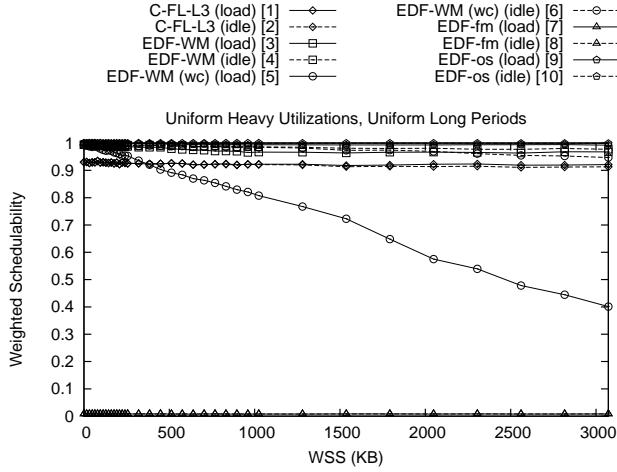


Fig. 29 Uniform Heavy Utilizations, Uniform Long Periods

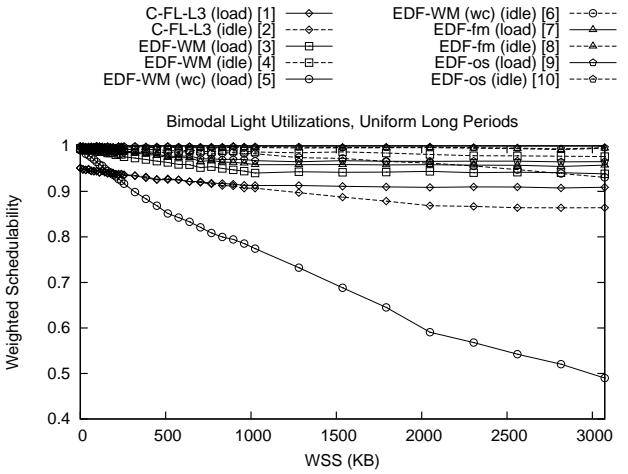


Fig. 30 Bimodal Light Utilizations, Uniform Long Periods

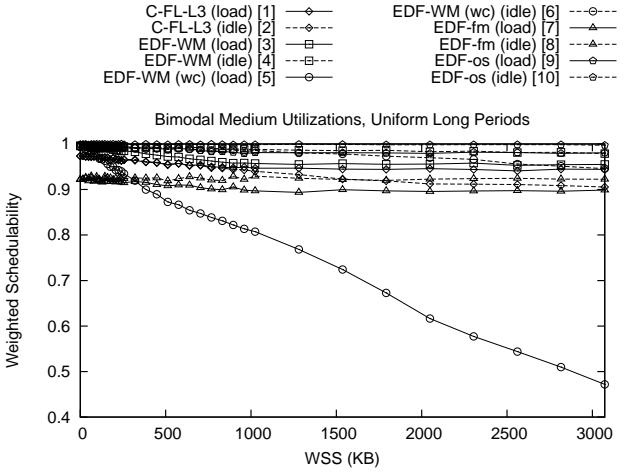


Fig. 31 Bimodal Medium Utilizations, Uniform Long Periods

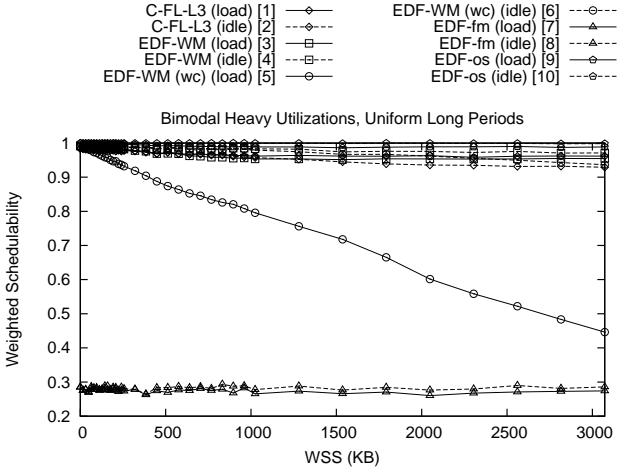
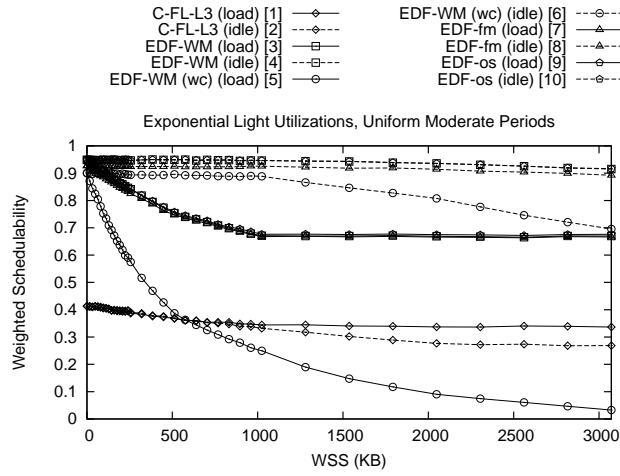
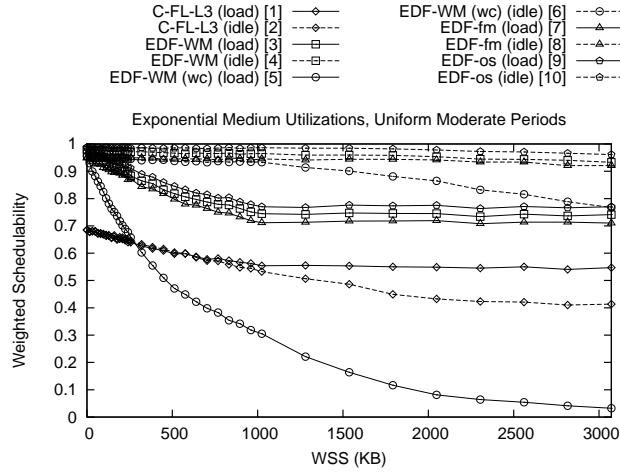
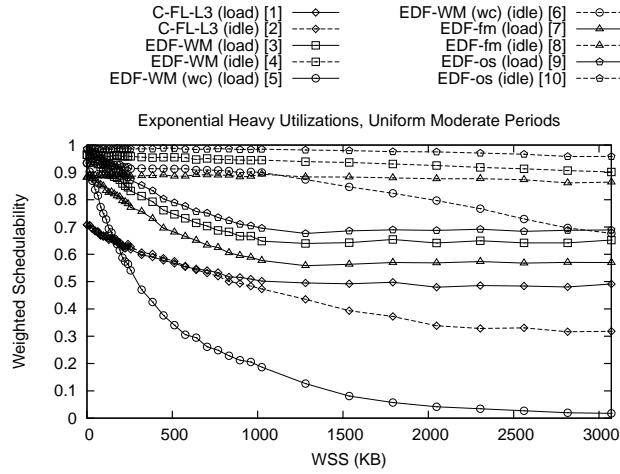
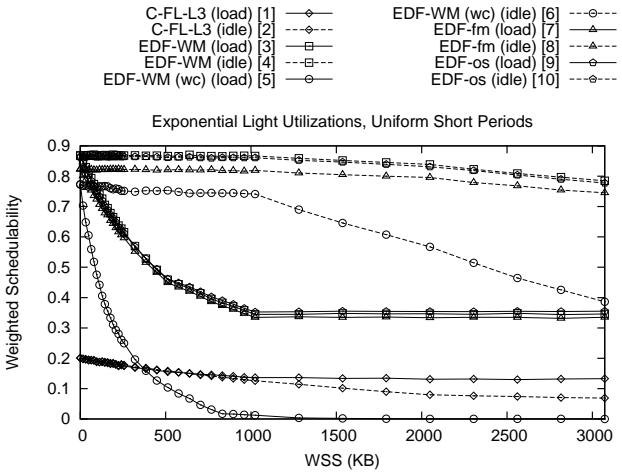
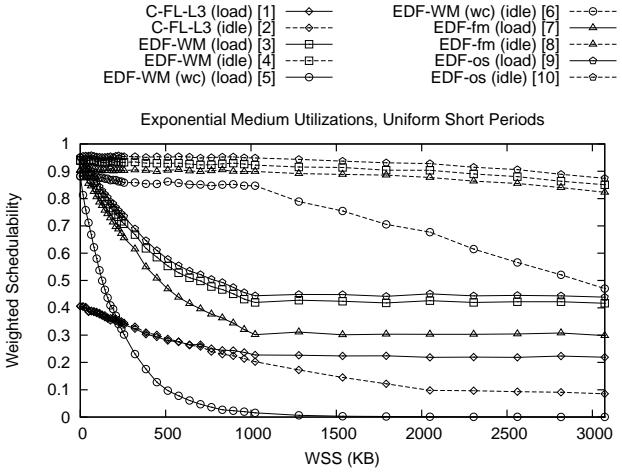
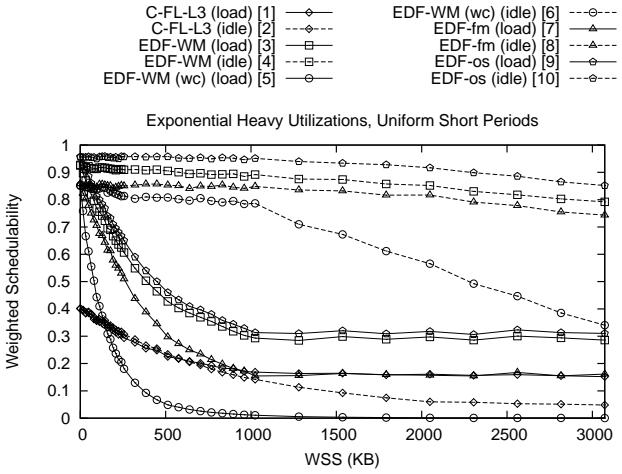


Fig. 32 Bimodal Heavy Utilizations, Uniform Long Periods

**Fig. 33** Exponential Light Utilizations, Uniform Moderate Periods**Fig. 34** Exponential Medium Utilizations, Uniform Moderate Periods**Fig. 35** Exponential Heavy Utilizations, Uniform Moderate Periods**Fig. 36** Exponential Light Utilizations, Uniform Short Periods**Fig. 37** Exponential Medium Utilizations, Uniform Short Periods**Fig. 38** Exponential Heavy Utilizations, Uniform Short Periods

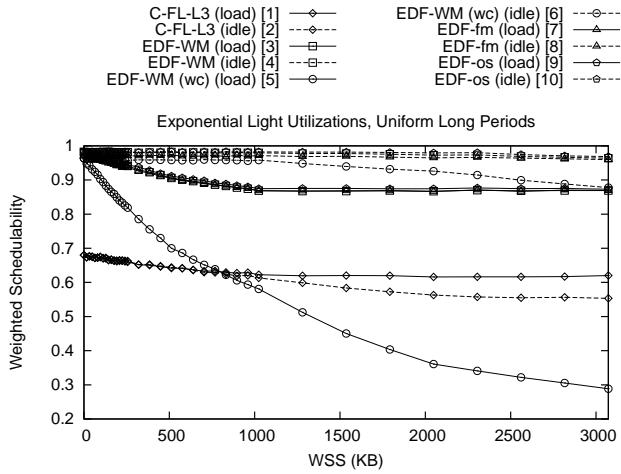


Fig. 39 Exponential Light Utilizations, Uniform Long Periods

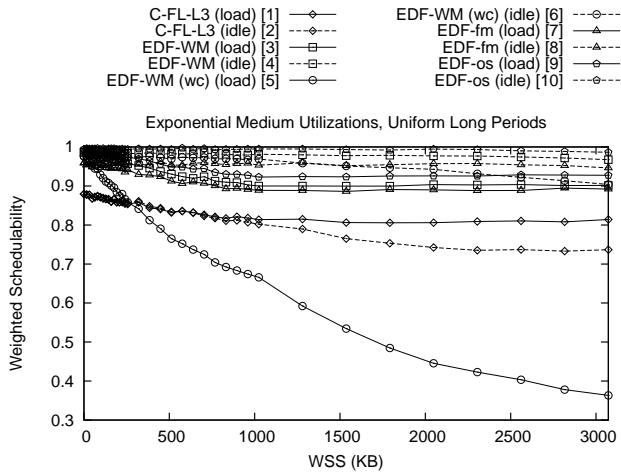


Fig. 40 Exponential Medium Utilizations, Uniform Long Periods

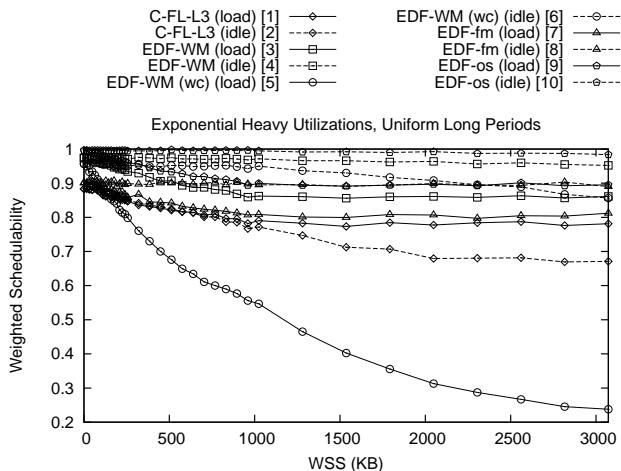


Fig. 41 Exponential Heavy Utilizations, Uniform Long Periods

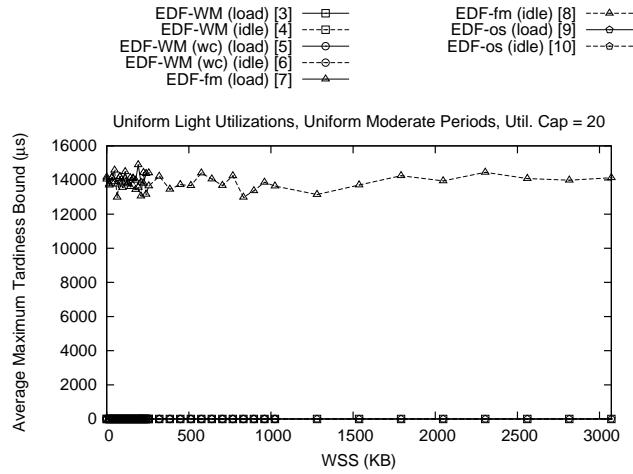


Fig. 42 Uniform Light Utilizations, Uniform Moderate Periods, Util. Cap = 20

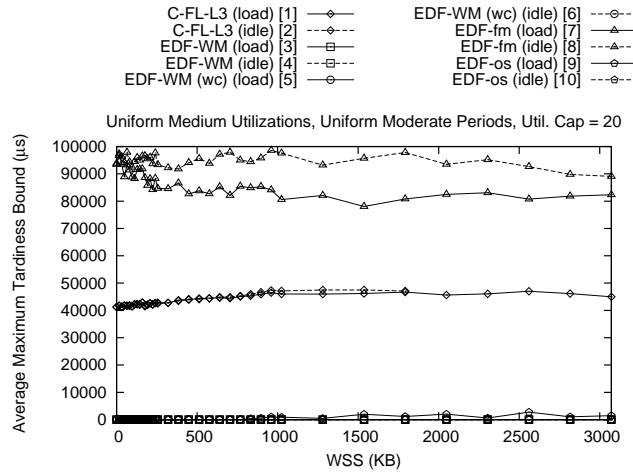


Fig. 43 Uniform Medium Utilizations, Uniform Moderate Periods, Util. Cap = 20

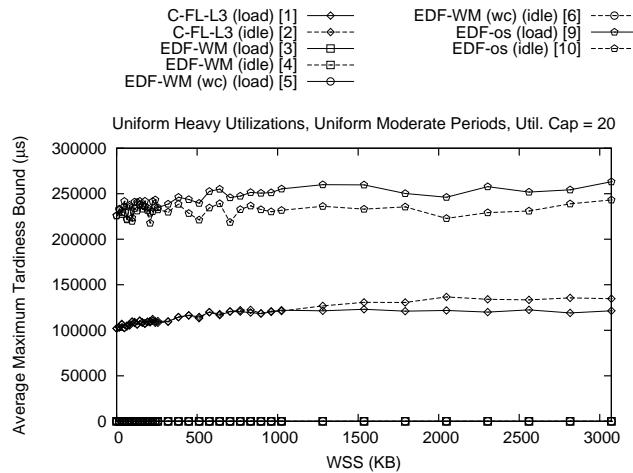


Fig. 44 Uniform Heavy Utilizations, Uniform Moderate Periods, Util. Cap = 20

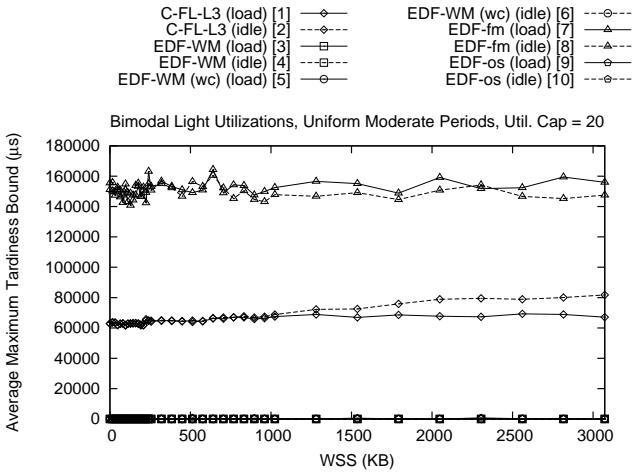


Fig. 45 Bimodal Light Utilizations, Uniform Moderate Periods, Util. Cap = 20

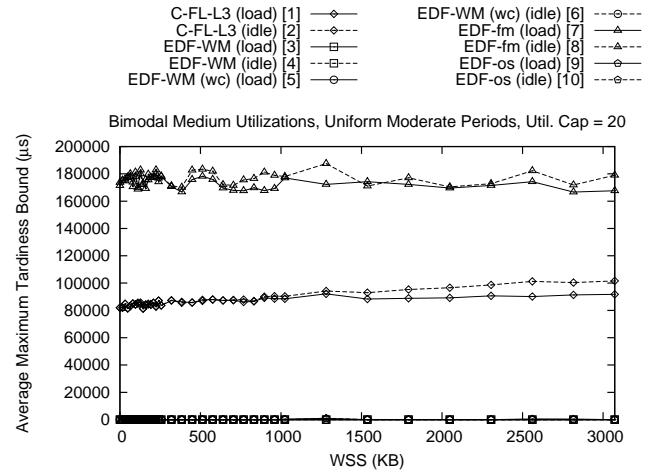


Fig. 46 Bimodal Medium Utilizations, Uniform Moderate Periods, Util. Cap = 20

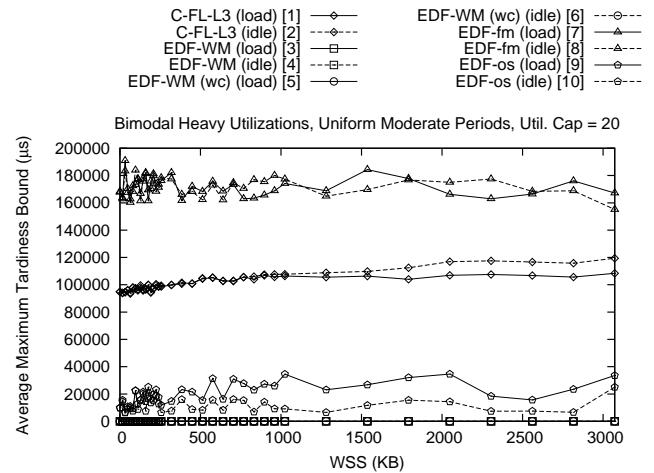


Fig. 47 Bimodal Heavy Utilizations, Uniform Moderate Periods, Util. Cap = 20

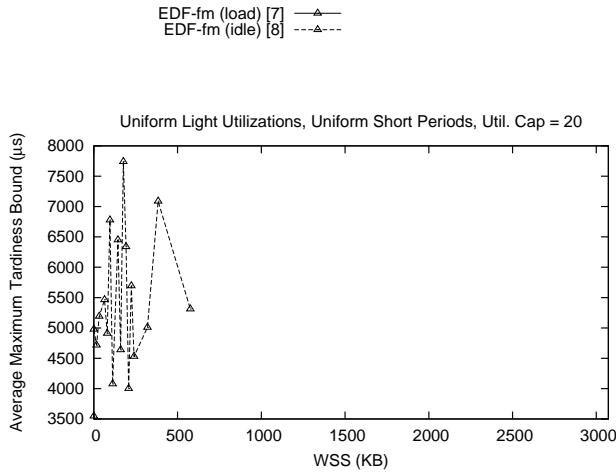


Fig. 48 Uniform Light Utilizations, Uniform Short Periods, Util. Cap = 20

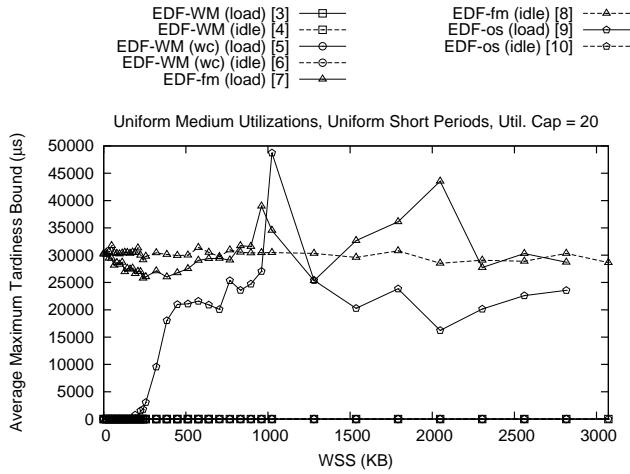


Fig. 49 Uniform Medium Utilizations, Uniform Short Periods, Util. Cap = 20

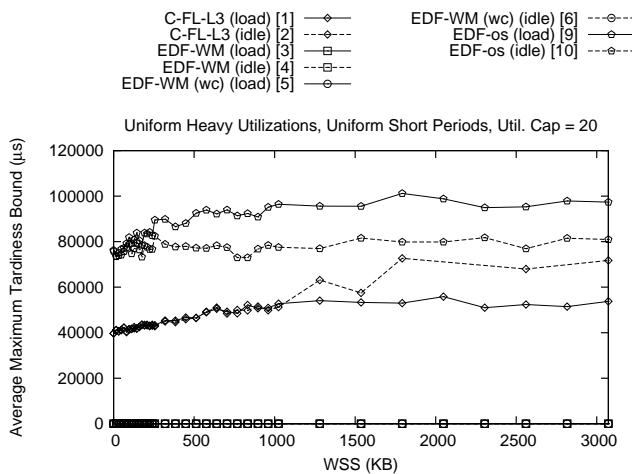


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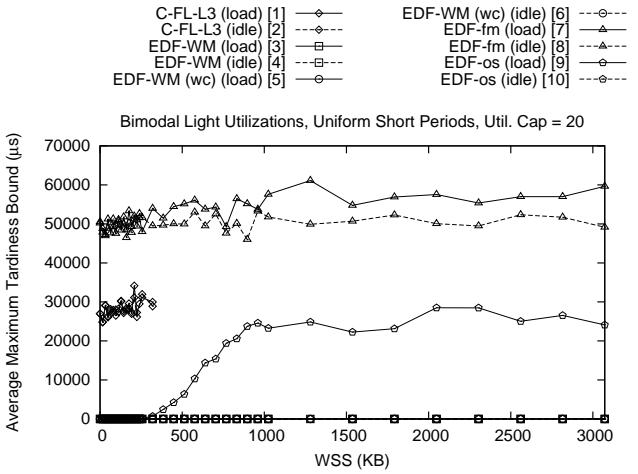


Fig. 51 Bimodal Light Utilizations, Uniform Short Periods, Util. Cap = 20

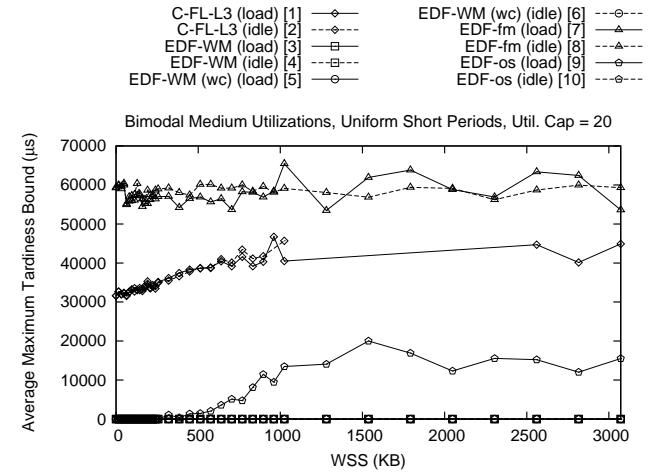


Fig. 52 Bimodal Medium Utilizations, Uniform Short Periods, Util. Cap = 20

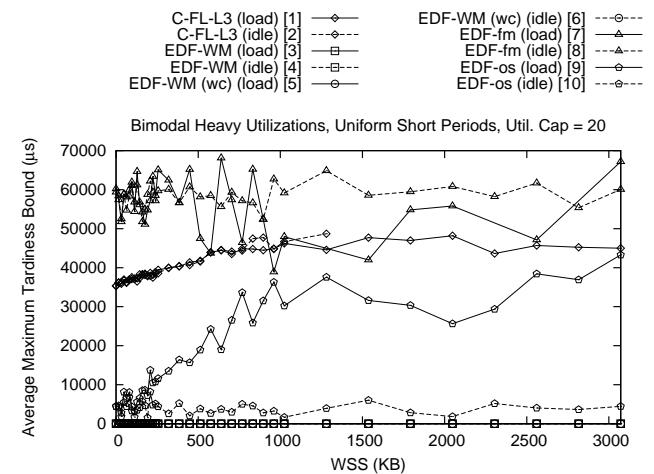


Fig. 53 Bimodal Heavy Utilizations, Uniform Short Periods, Util. Cap = 20

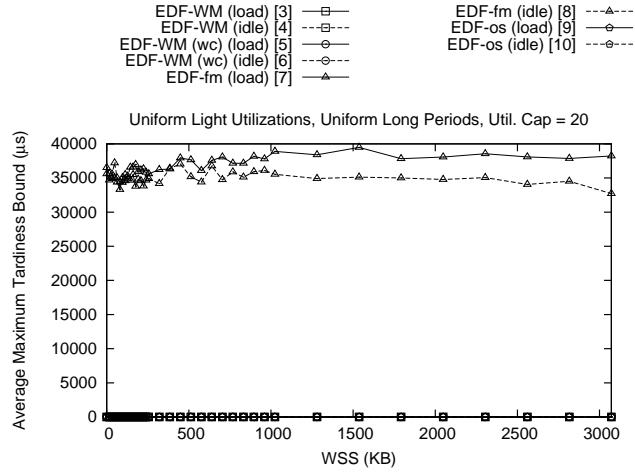


Fig. 54 Uniform Light Utilizations, Uniform Long Periods, Util. Cap = 20

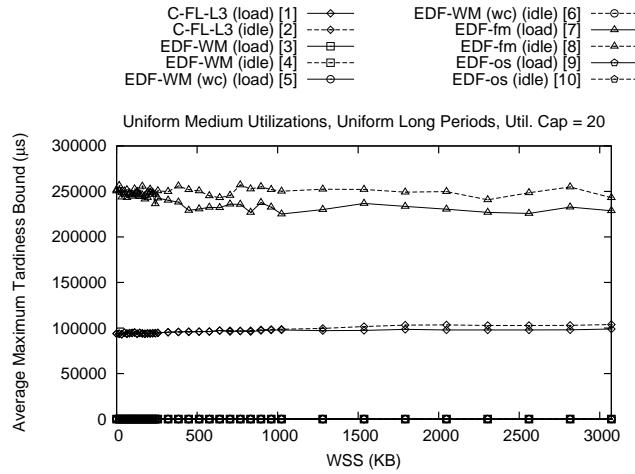


Fig. 55 Uniform Medium Utilizations, Uniform Long Periods, Util. Cap = 20

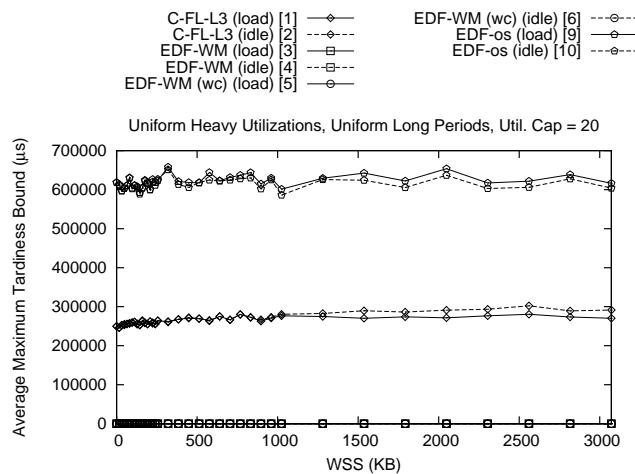


Fig. 56 Uniform Heavy Utilizations, Uniform Long Periods, Util. Cap = 20

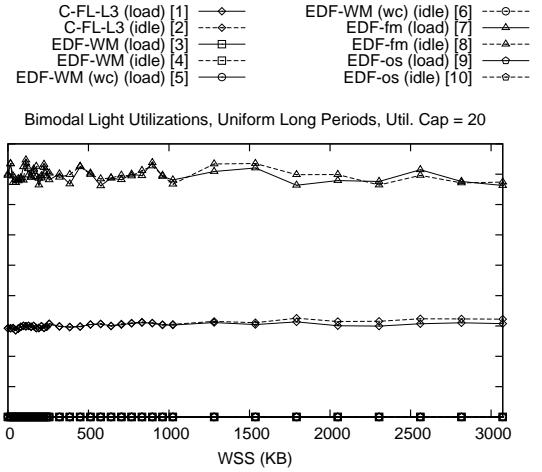


Fig. 57 Bimodal Light Utilizations, Uniform Long Periods, Util. Cap = 20

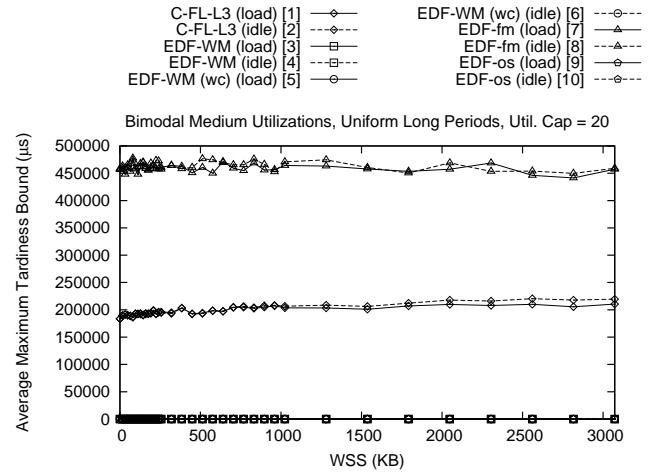


Fig. 58 Bimodal Medium Utilizations, Uniform Long Periods, Util. Cap = 20

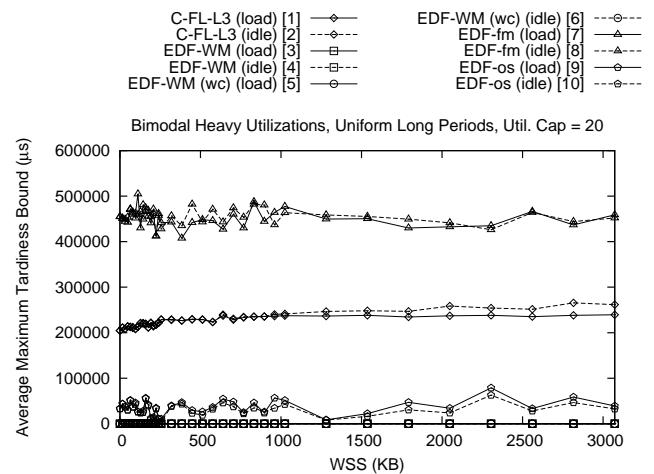


Fig. 59 Bimodal Heavy Utilizations, Uniform Long Periods, Util. Cap = 20

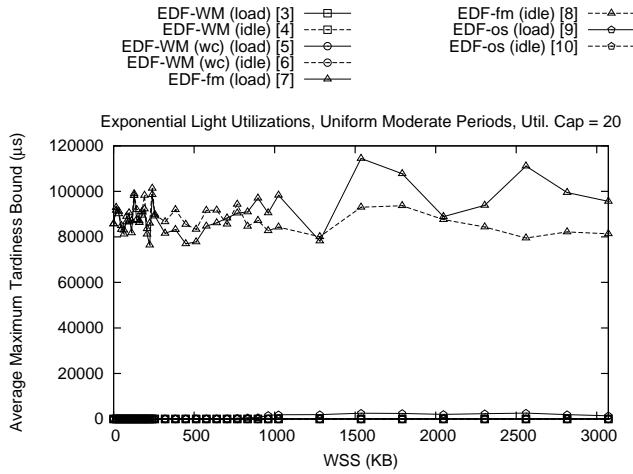


Fig. 60 Exponential Light Utilizations, Uniform Moderate Periods, Util. Cap = 20

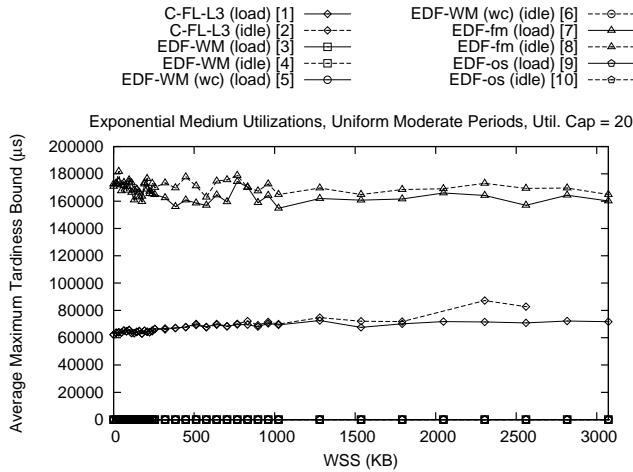


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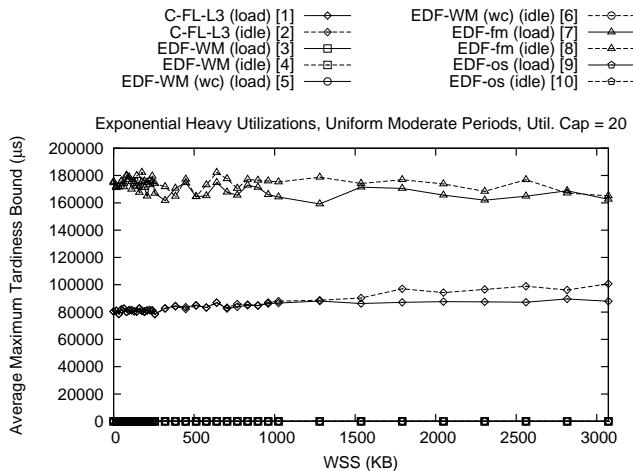


Fig. 62 Exponential Heavy Utilizations, Uniform Moderate Periods, Util. Cap = 20

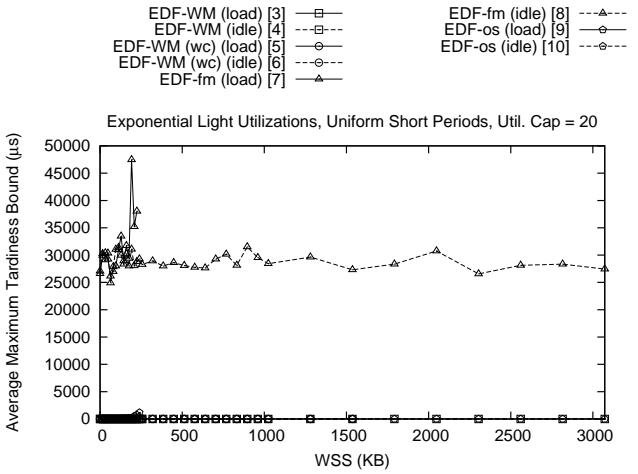


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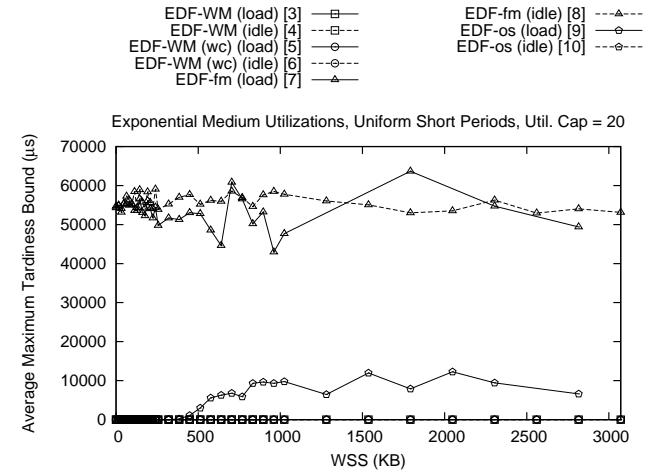


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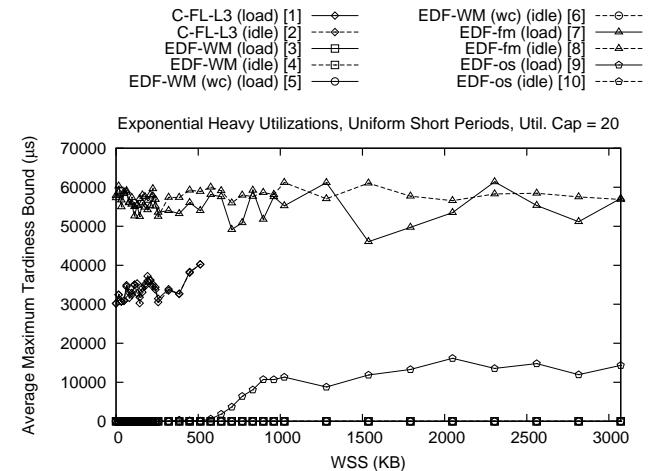


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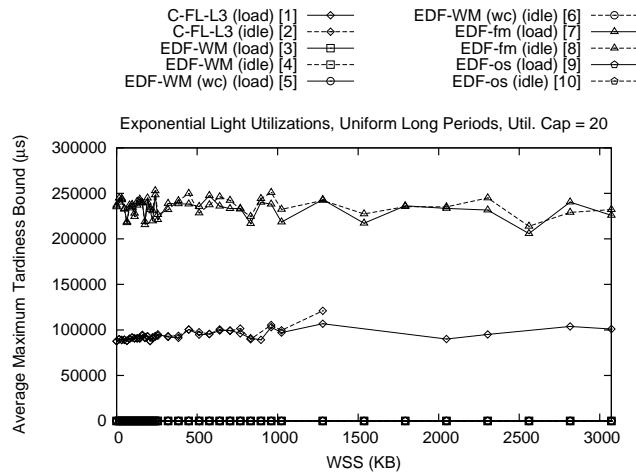


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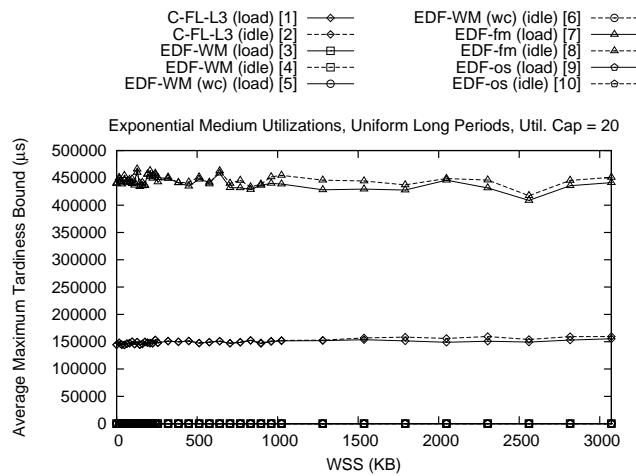


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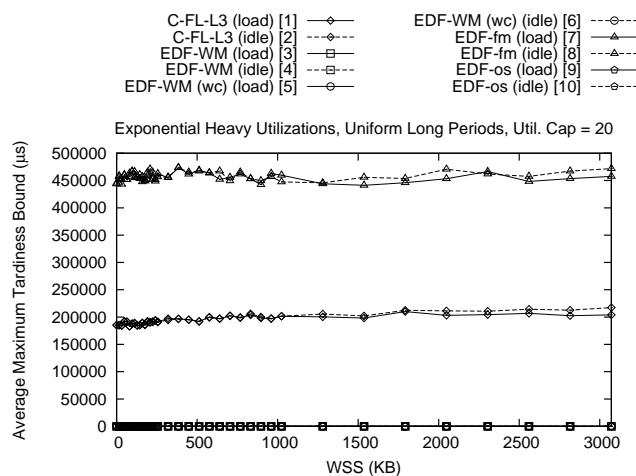


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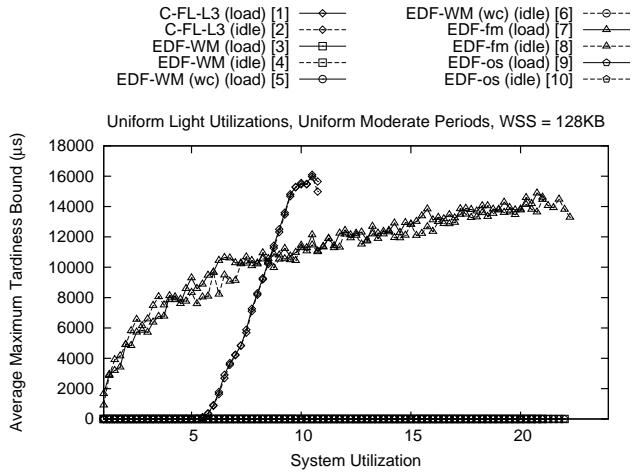


Fig. 69 Uniform Light Utilizations, Uniform Moderate Periods, WSS = 128KB

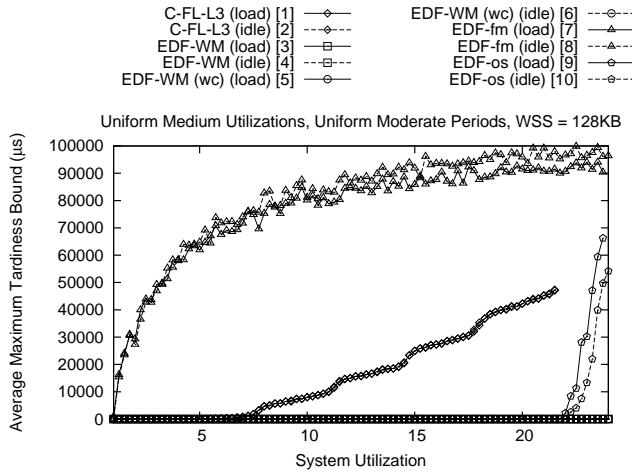


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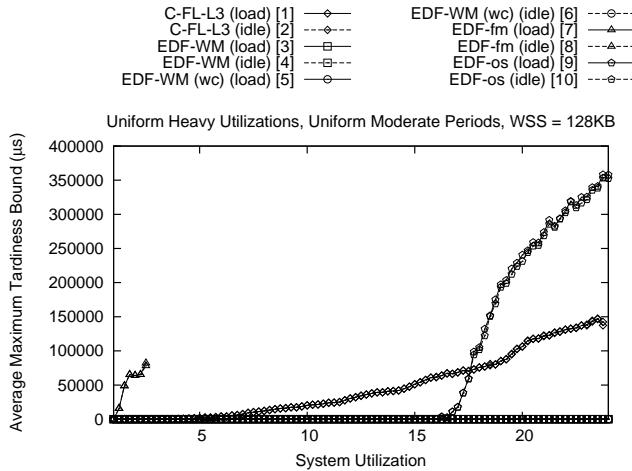


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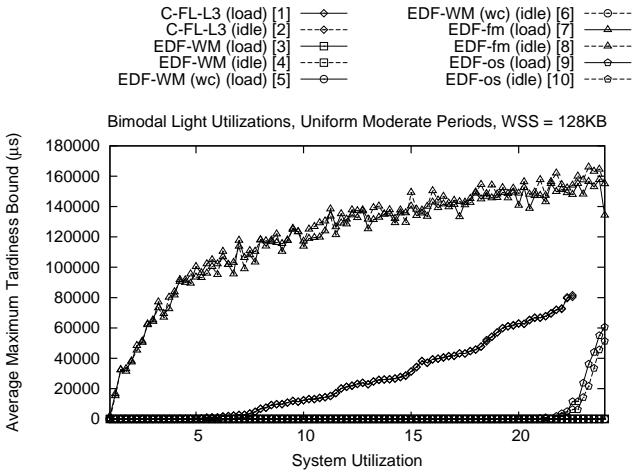


Fig. 72 Bimodal Light Utilizations, Uniform Moderate Periods, WSS = 128KB

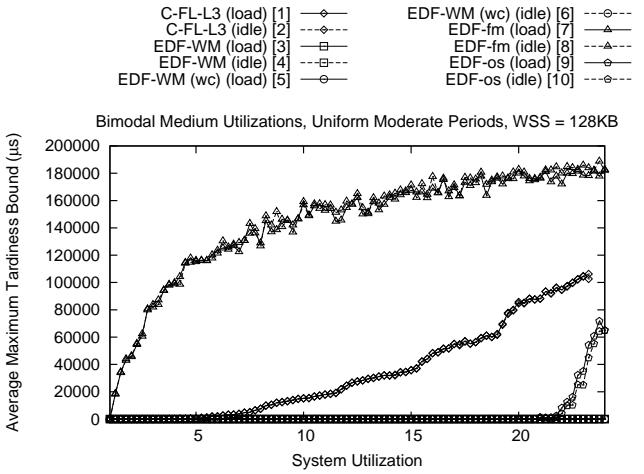


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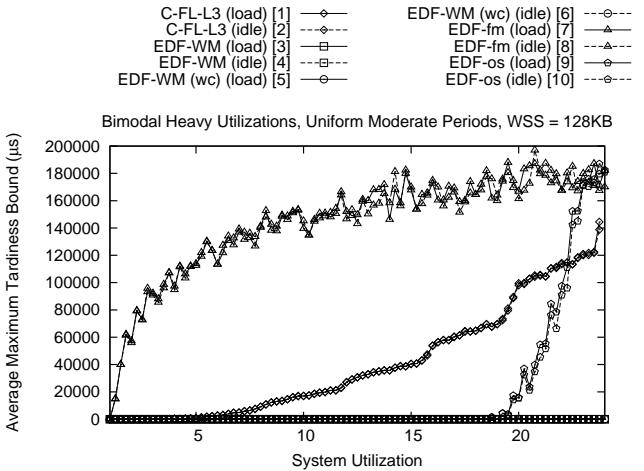


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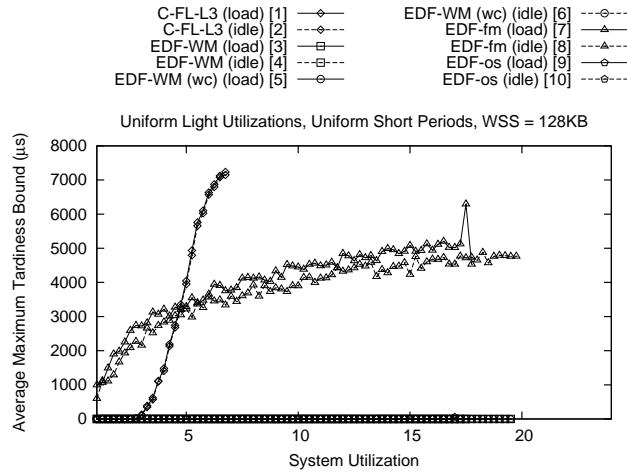


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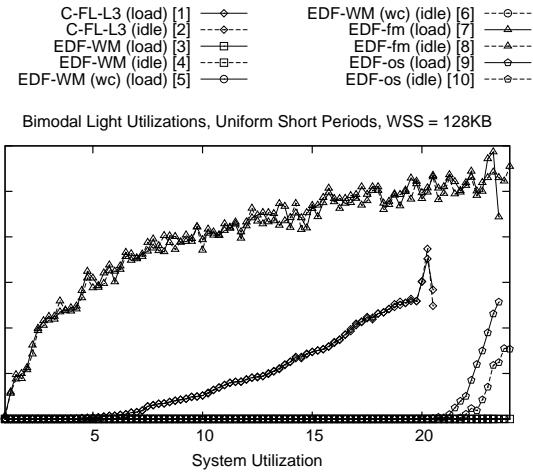


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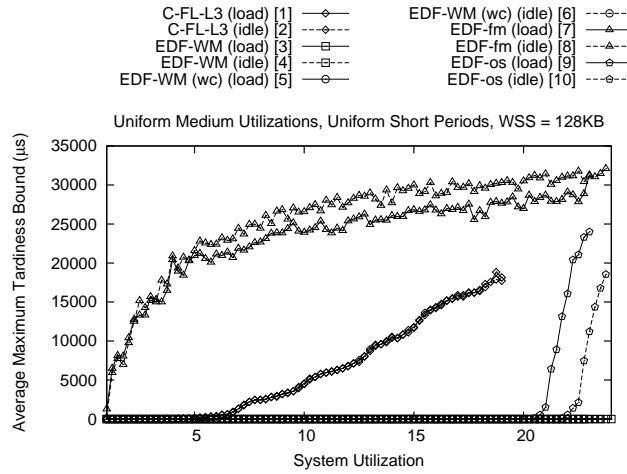


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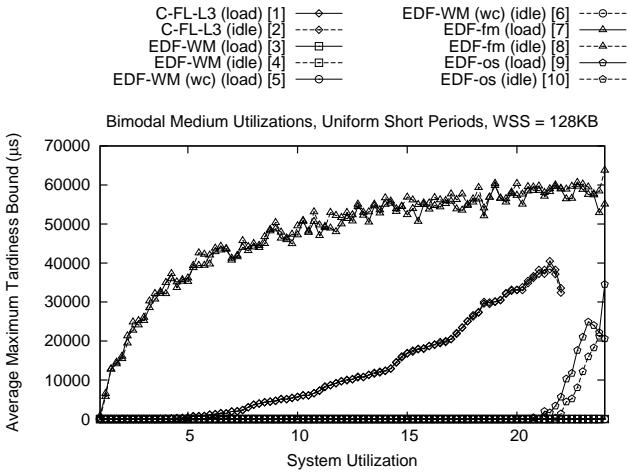


Fig. 79 Bimodal Medium Utilizations, Uniform Short Periods, WSS = 128KB

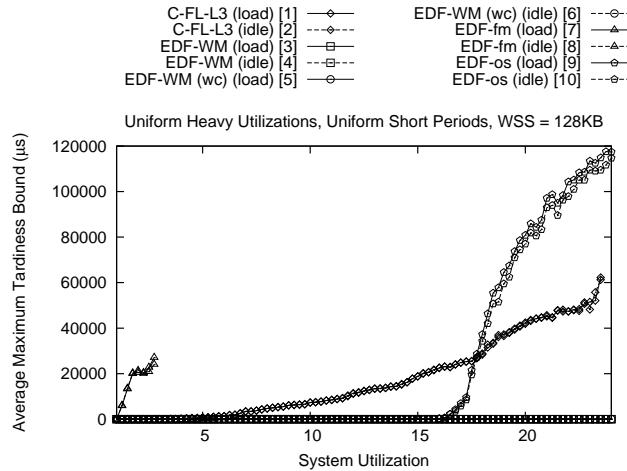


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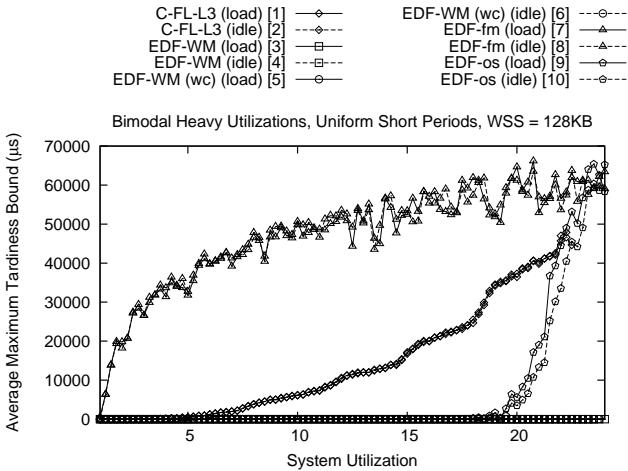


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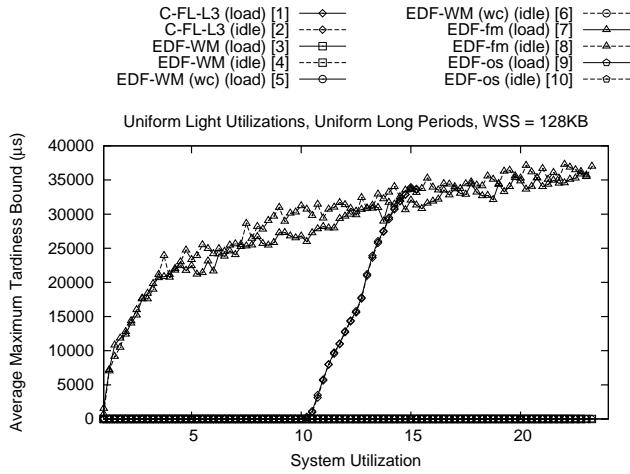


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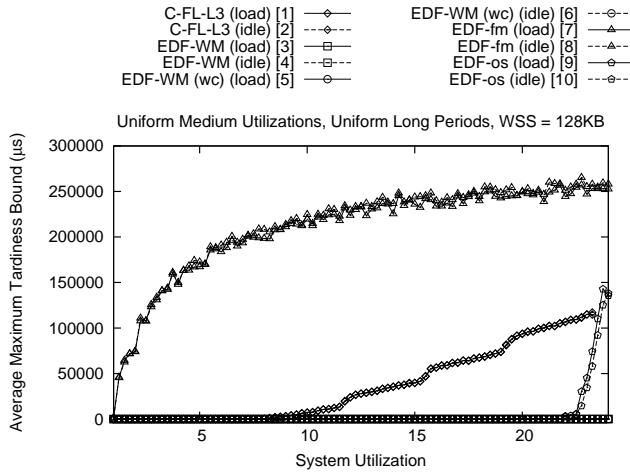


Fig. 82 Uniform Medium Utilizations, Uniform Long Periods, WSS = 128KB

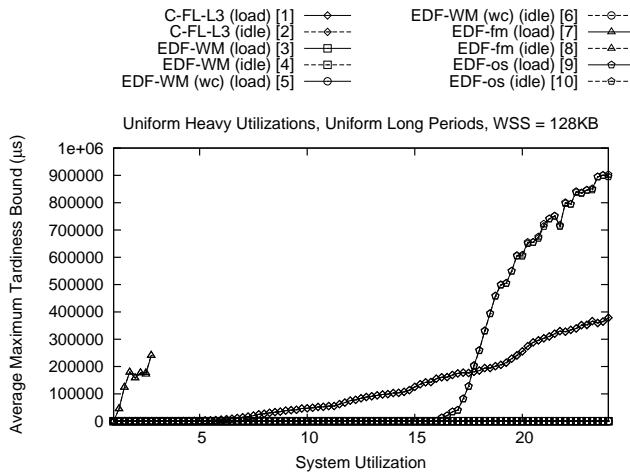


Fig. 83 Uniform Heavy Utilizations, Uniform Long Periods, WSS = 128KB

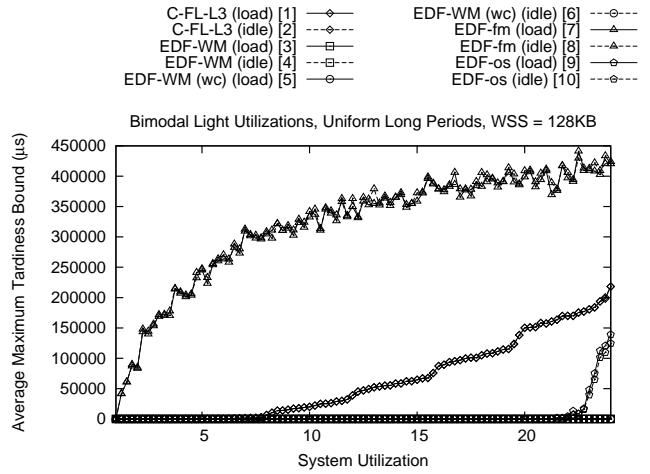


Fig. 84 Bimodal Light Utilizations, Uniform Long Periods, WSS = 128KB

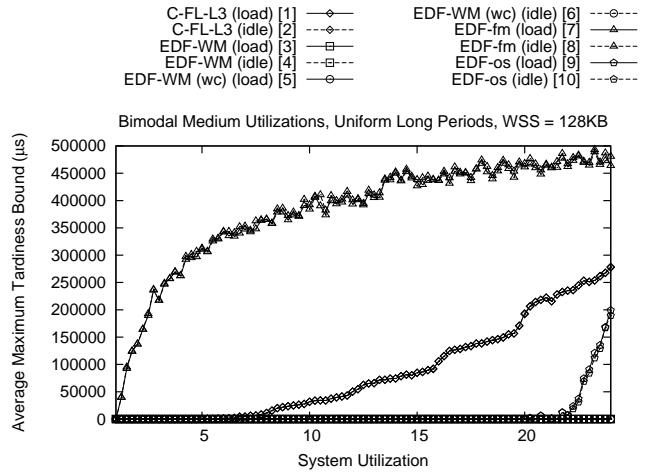


Fig. 85 Bimodal Medium Utilizations, Uniform Long Periods, WSS = 128KB

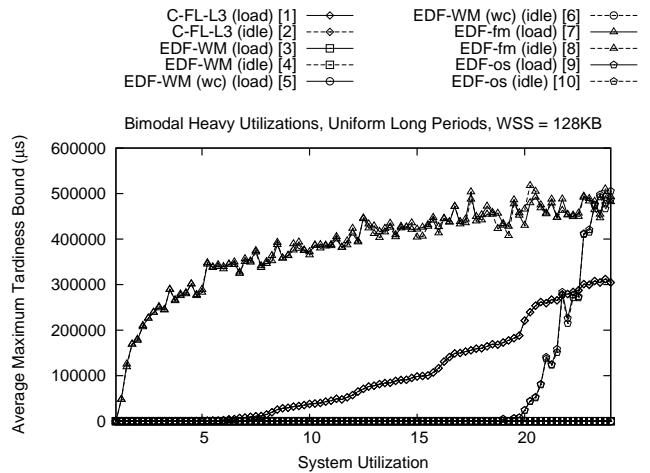


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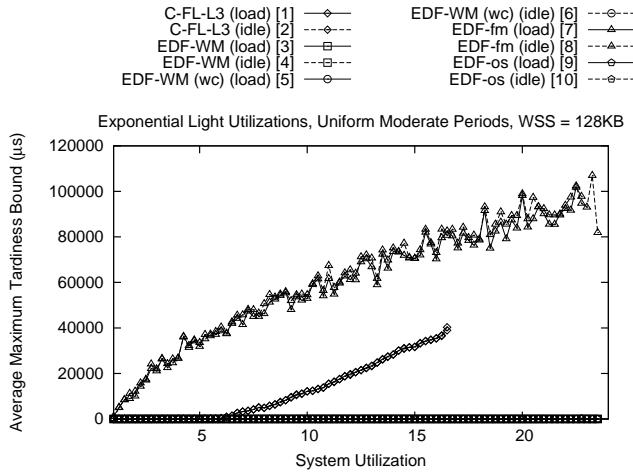


Fig. 87 Exponential Light Utilizations, Uniform Moderate Periods, WSS = 128KB

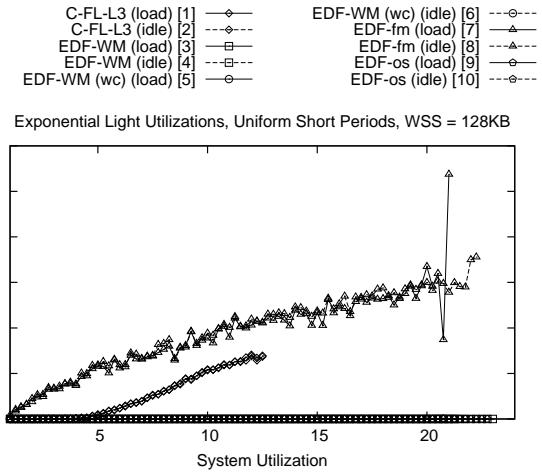


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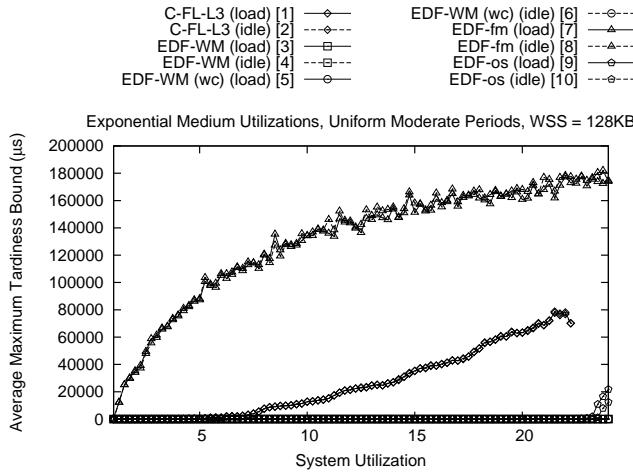


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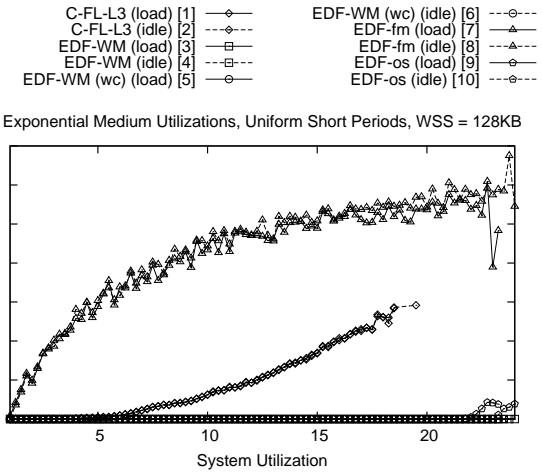


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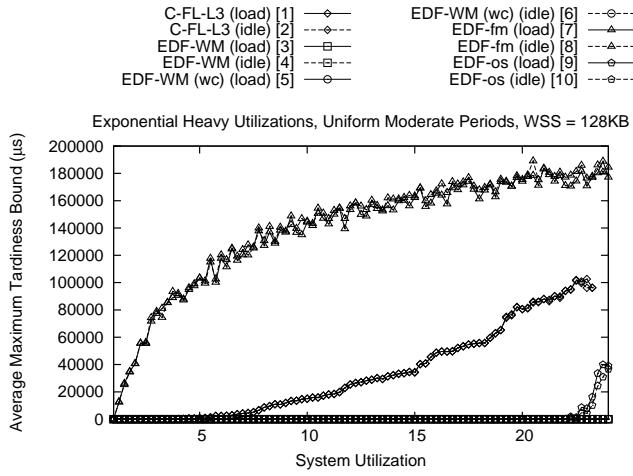


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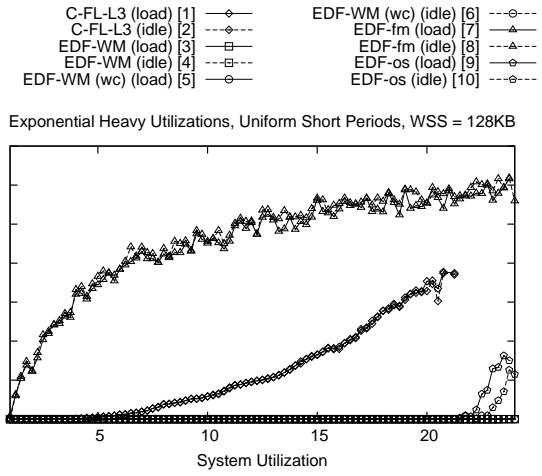


Fig. 92 Exponential Heavy Utilizations, Uniform Short Periods, WSS = 128KB

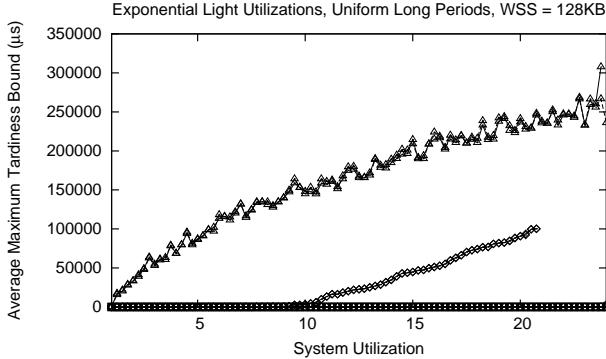
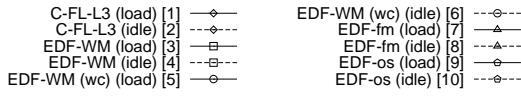


Fig. 93 Exponential Light Utilizations, Uniform Long Periods, WSS = 128KB

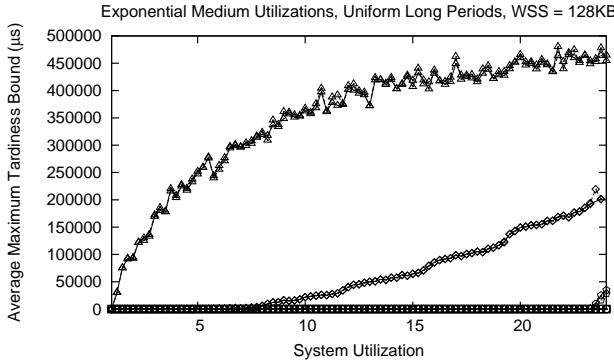
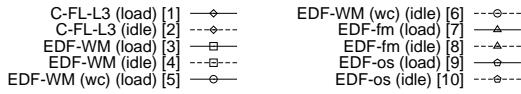


Fig. 94 Exponential Medium Utilizations, Uniform Long Periods, WSS = 128KB

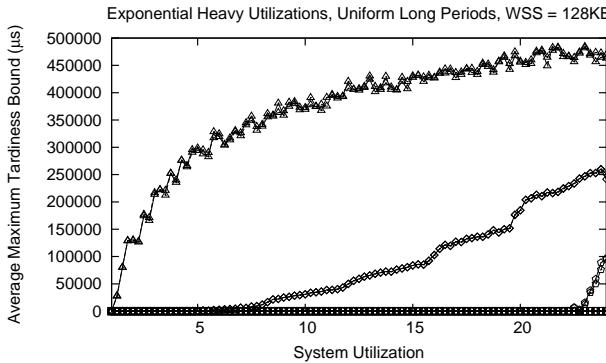
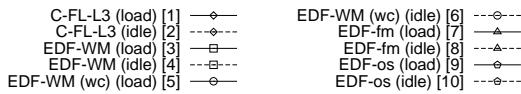


Fig. 95 Exponential Heavy Utilizations, Uniform Long Periods, WSS = 128KB