Table 1

M100

Grid 512x257x256	Slab			
PhaseFieldOff				
Nodes	Ntasks	Elapsed Time (s)	N (Ideal Scaling)	t/tn (Actual Scaling)
1	32	0.900	1	1.00
2	64	0.607	2	1.48
4	128	0.344	4	2.62
8	256	0.220	8	4.09

M100

Grid 512x257x256	Slab			
PhaseFieldOn				
Nodes	Ntasks	Elapsed Times	N (Ideal Scaling)	t/tn (Actual Scaling)
1	32	2.3831	1	1.00
2	64	1.6612	2	1.43
4	128	0.8757	4	2.72
8	256	0.565	8	4.22

M100

Grid 512x256x257	Pencil				
PhaseFieldOn					
Nodes	Ntasks	Elapsed Times	N (Ideal Scaling)	t/tn (Actual Scaling)	Notes
1	32	3.98	1	1.00	4 x 8
2	64	2.046	2	1.95	8 x 8
4	128	0.9694	4	4.11	8 x16
8	256	0.4711	8	8.45	16 x 16

M100

Grid 512x256x513	Pencil	Refined			
PhaseFieldOn+InitialFields On					
Nodes	Ntasks	Elapsed Times	N (Ideal Scaling)	t/tn (Actual Scaling)	Notes
1	32	9.808	1	1.00	4 x 8
2	64	5.208	2	1.88	8 x 8
4	128	2.146	4	4.57	8 x 16
8	256	1.118	8	8.77	16 x 16
16	512	0.393	16	24.96	16 x 32
32	1024				

M100
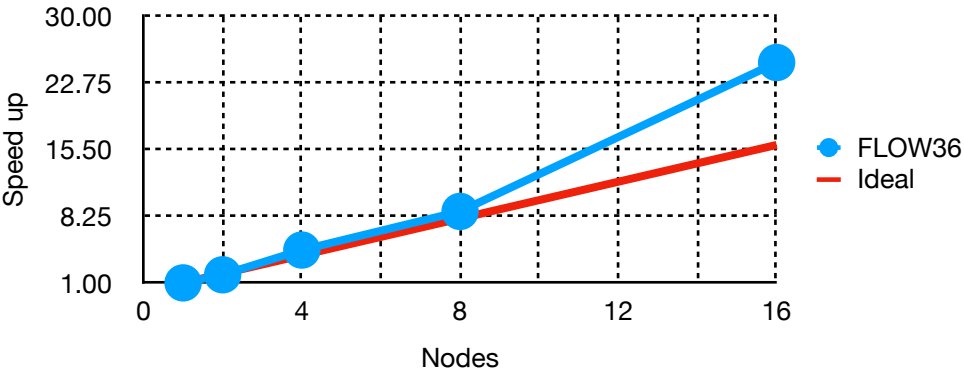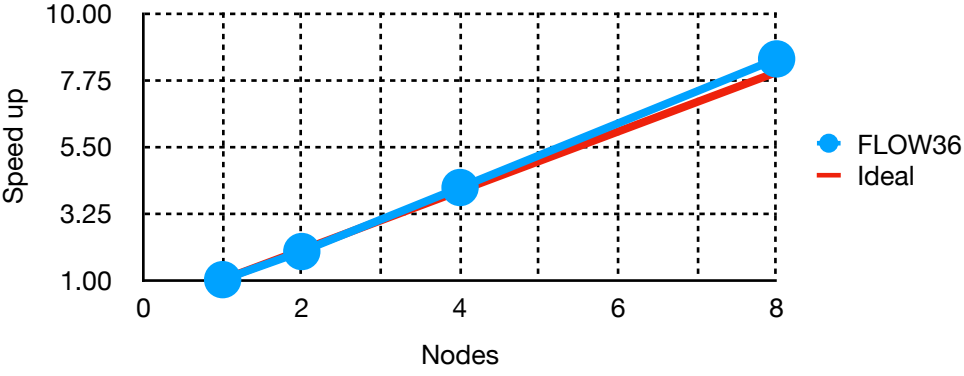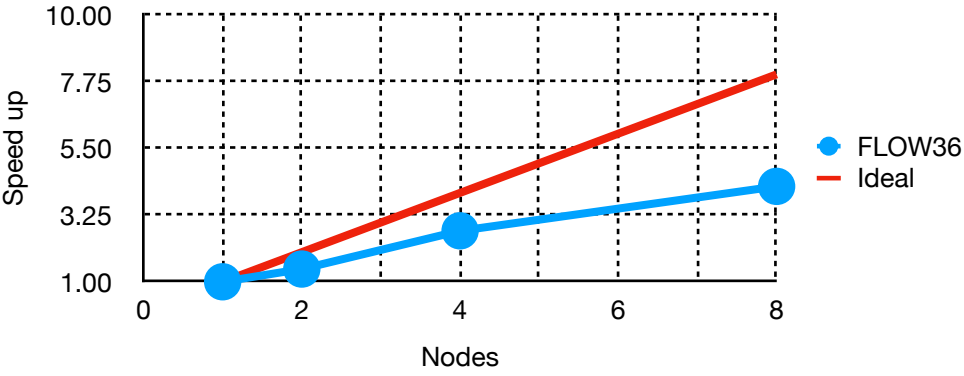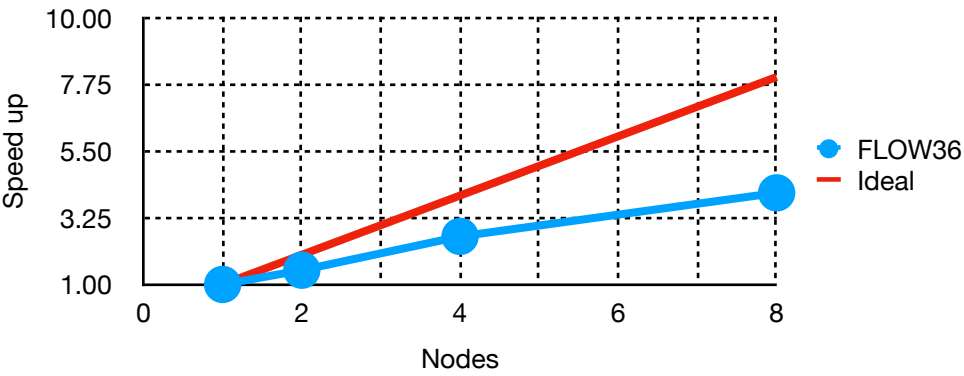
Grid 512x256x257	Pencil				
PhaseFieldOn + DR + VR					
Nodes	Ntasks	Elapsed Times	N (Ideal Scaling)	t/tn (Actual Scaling)	Notes
1	32	20.060	1	1.00	4 x 8
2	64	10.646	2	1.88	8 x 8
4	128	4.565	4	4.39	8 x16
8	256	2.293	8	8.75	16 x 16
16	512	0.800	16	25.08	16 x 32