

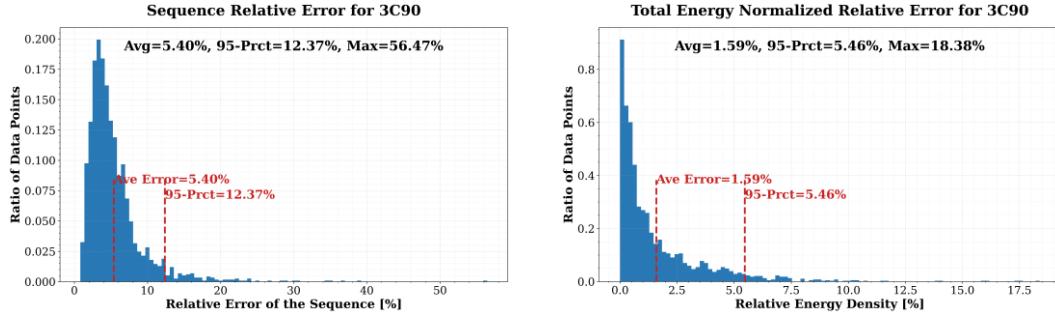
MagNet Challenge 2 Pretest Results – Fuzhou University – 11.15

Material I: 3C90

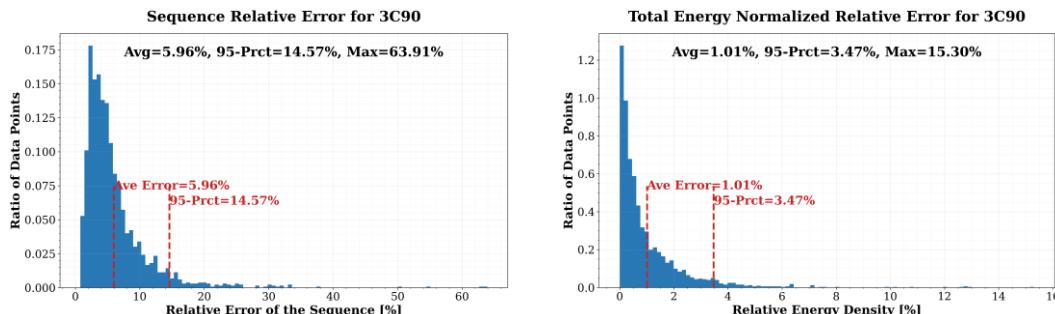
Sequence Relative Error

Energy Loss Relative Error

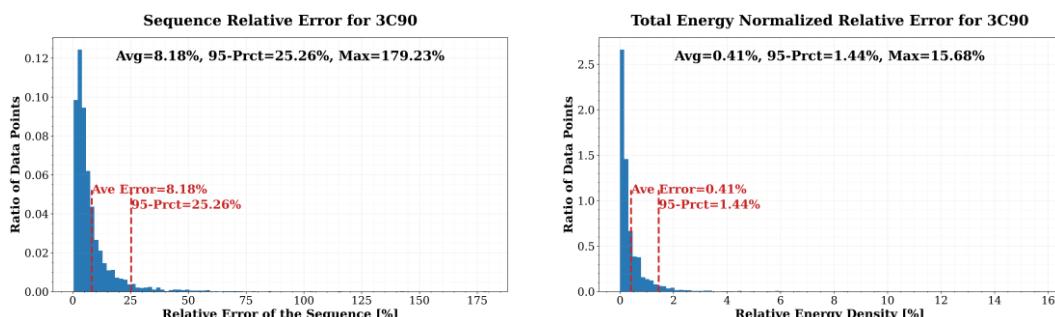
1. 10% known, 90% Prediction



2. 50% known, 50% Prediction



3. 90% known, 10% Prediction

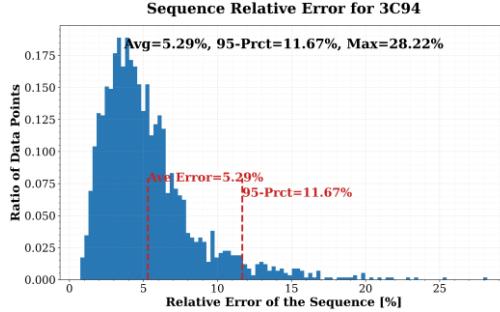


3C90	Sequence Relative Error		Energy Loss Relative Error	
	Ave Error (%)	95-Prct (%)	Ave Error (%)	95-Prct (%)
10% known	5.40	12.37	1.59	5.46
50% known	5.96	14.57	1.01	3.47
90% known	8.18	25.26	0.41	1.44

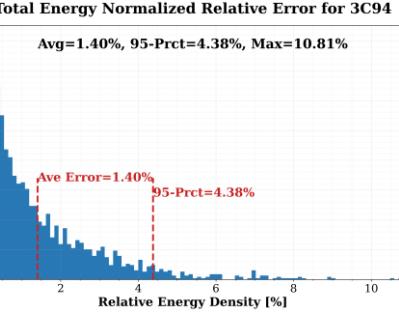
Material II: 3C94

Sequence Relative Error

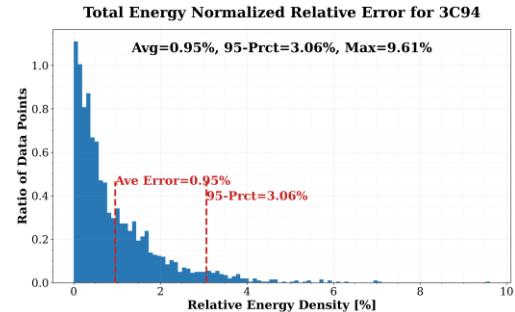
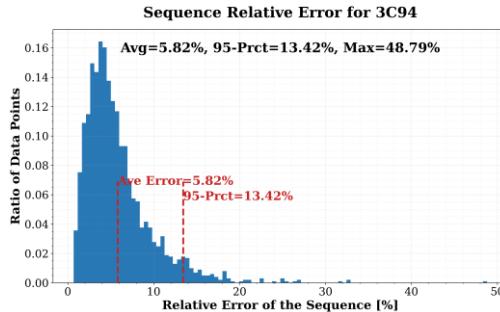
1. 10% known, 90% Prediction



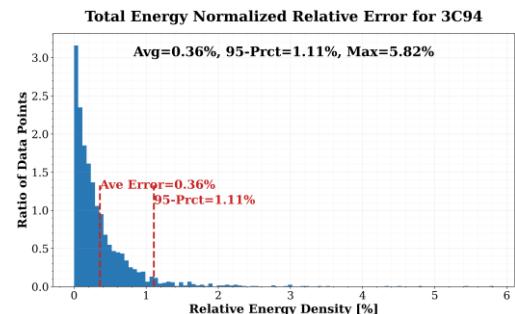
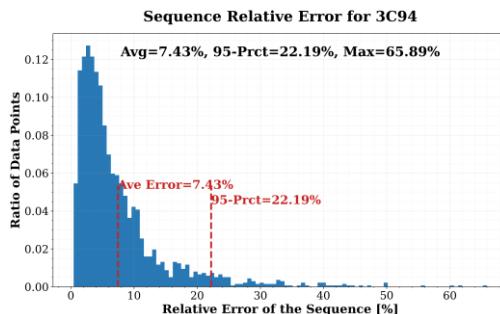
Energy Loss Relative Error



2. 50% known, 50% Prediction



3. 90% known, 10% Prediction

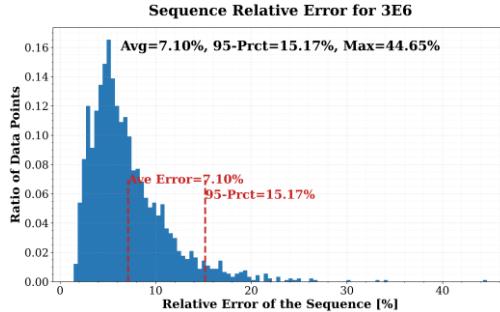


3C94	Sequence Relative Error		Energy Loss Relative Error	
	Ave Error (%)	95-Prct (%)	Ave Error (%)	95-Prct (%)
10% known	5.29	11.67	1.40	4.38
50% known	5.82	13.42	0.95	3.06
90% known	7.43	22.19	0.36	1.11

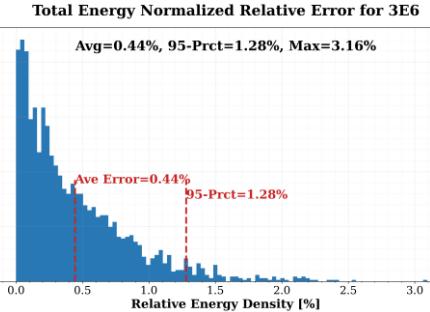
Material III: 3E6

Sequence Relative Error

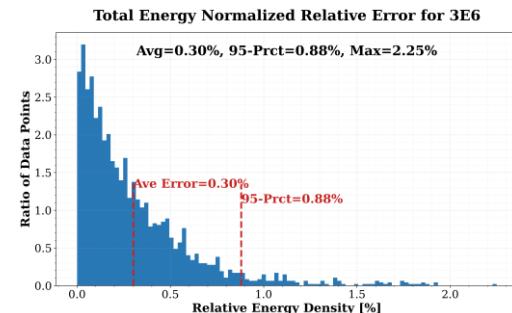
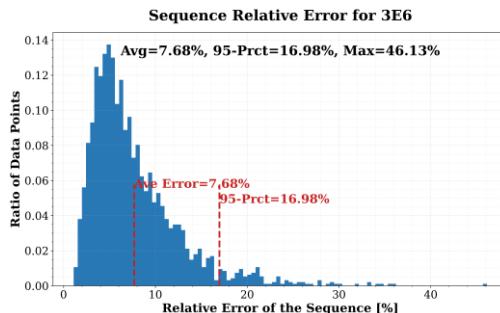
1. 10% known, 90% Prediction



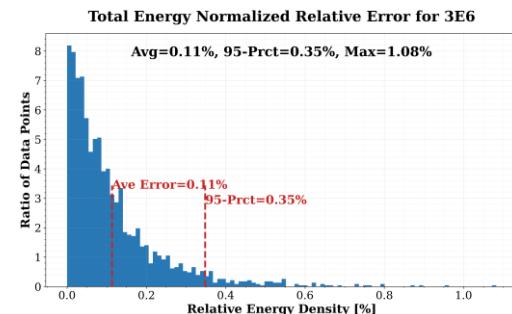
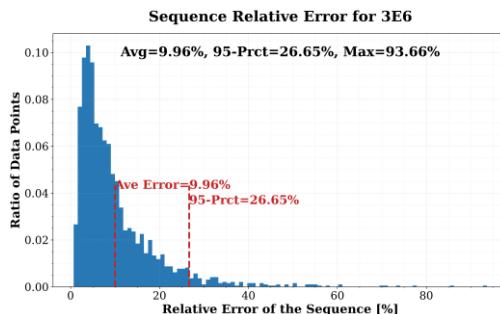
Energy Loss Relative Error



2. 50% known, 50% Prediction



3. 90% known, 10% Prediction

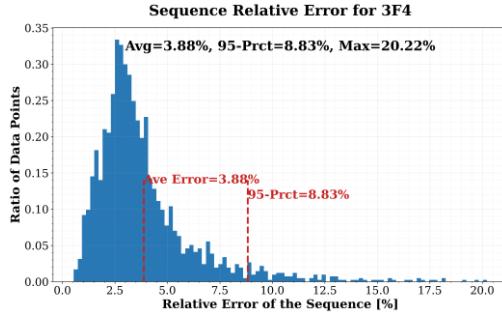


3E6	Sequence Relative Error		Energy Loss Relative Error	
	Ave Error (%)	95-Prct (%)	Ave Error (%)	95-Prct (%)
10% known	7.10	15.17	0.44	1.28
50% known	7.68	16.98	0.30	0.88
90% known	9.96	26.65	0.11	0.35

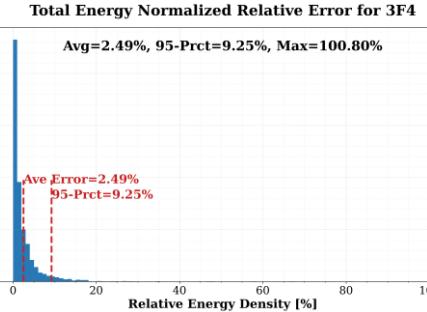
Material IV: 3F4

Sequence Relative Error

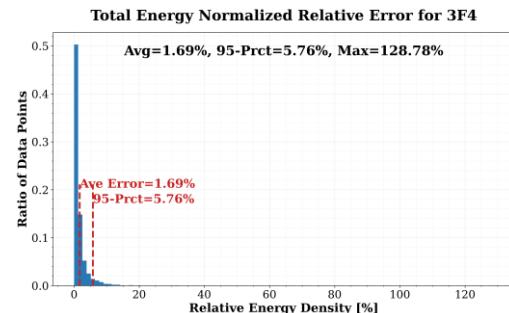
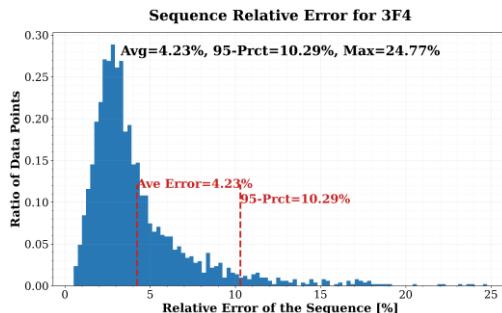
1. 10% known, 90% Prediction



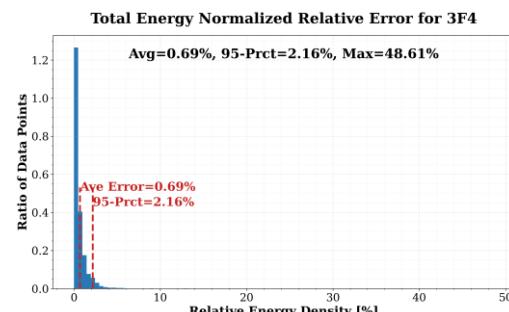
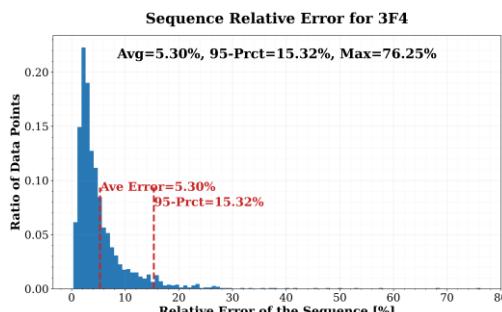
Energy Loss Relative Error



2. 50% known, 50% Prediction



3. 90% known, 10% Prediction

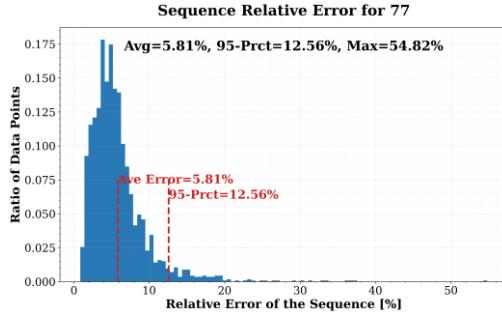


3F4	Sequence Relative Error		Energy Loss Relative Error	
	Ave Error (%)	95-Prct (%)	Ave Error (%)	95-Prct (%)
10% known	3.88	8.83	2.49	9.25
50% known	4.23	10.29	1.69	5.76
90% known	5.30	15.32	0.69	2.16

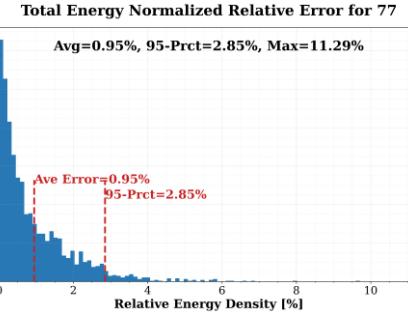
Material V: 77

Sequence Relative Error

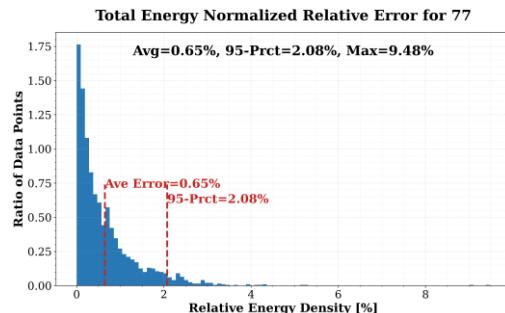
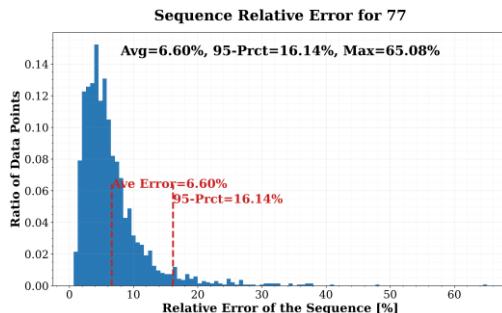
1. 10% known, 90% Prediction



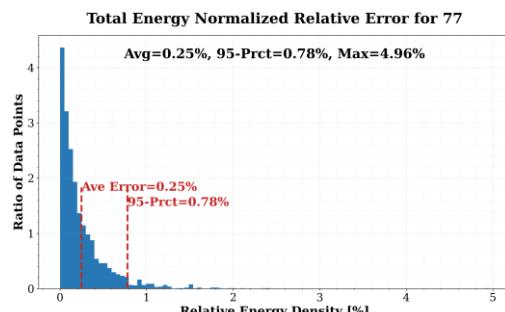
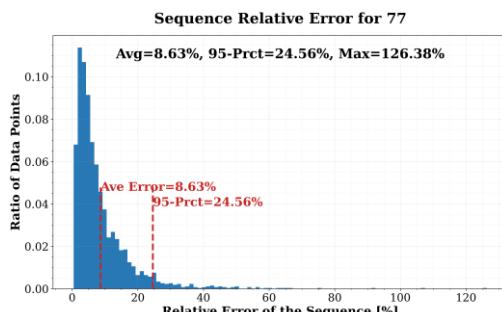
Energy Loss Relative Error



2. 50% known, 50% Prediction



3. 90% known, 10% Prediction

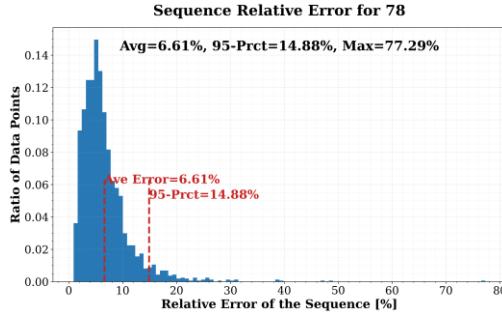


77	Sequence Relative Error		Energy Loss Relative Error	
	Ave Error (%)	95-Prct (%)	Ave Error (%)	95-Prct (%)
10% known	5.81	12.56	0.95	2.85
50% known	6.60	16.14	0.65	2.08
90% known	8.63	24.56	0.25	0.78

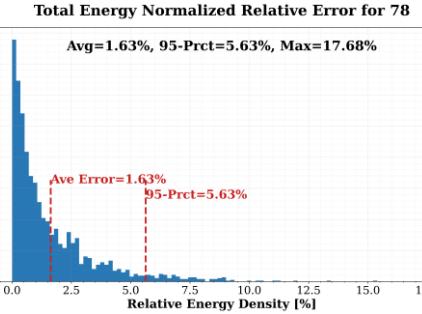
Material VI: 78

Sequence Relative Error

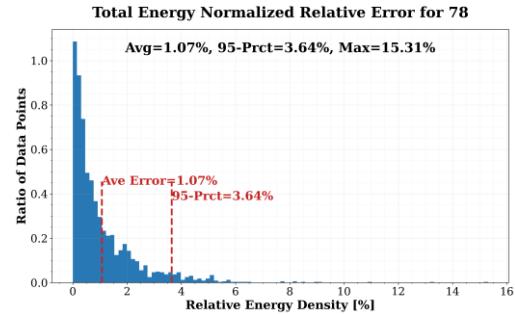
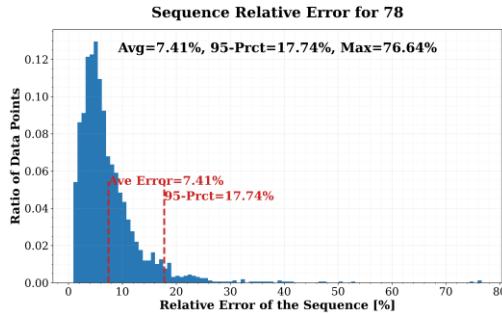
1. 10% known, 90% Prediction



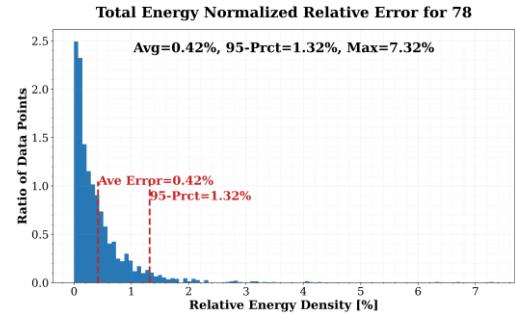
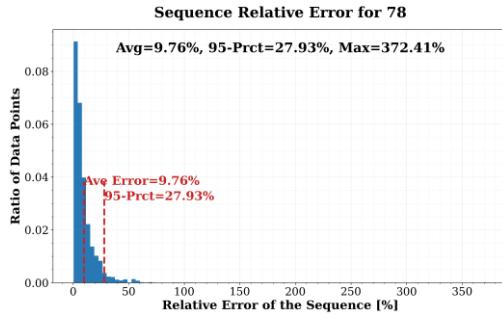
Energy Loss Relative Error



2. 50% known, 50% Prediction



3. 90% known, 10% Prediction

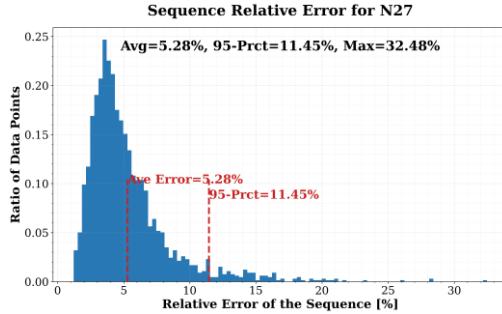


78	Sequence Relative Error		Energy Loss Relative Error	
	Ave Error (%)	95-Prct (%)	Ave Error (%)	95-Prct (%)
10% known	6.61	14.88	1.63	5.63
50% known	7.41	17.74	1.07	3.64
90% known	9.76	27.93	0.42	1.32

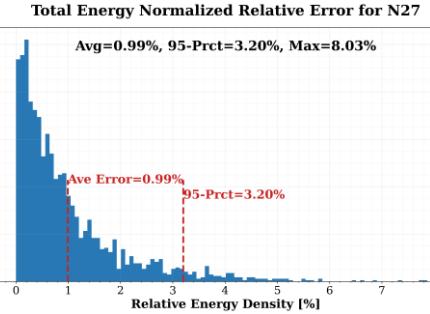
Material VII: N27

Sequence Relative Error

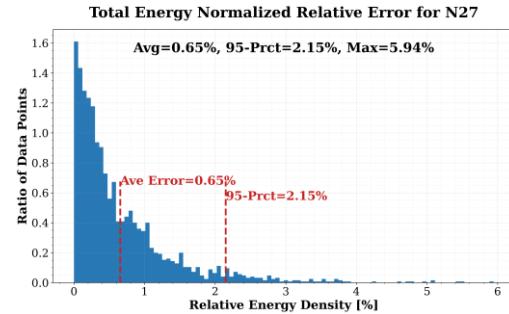
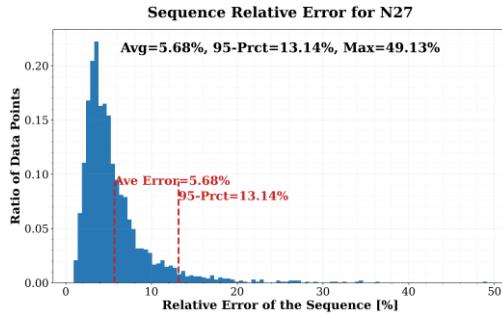
1. 10% known, 90% Prediction



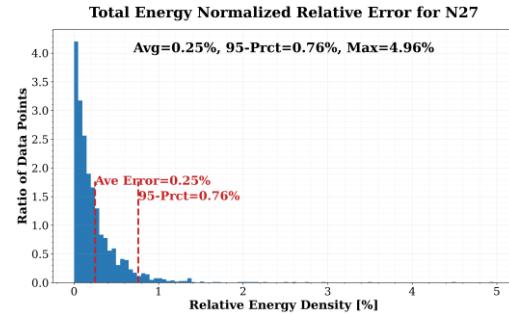
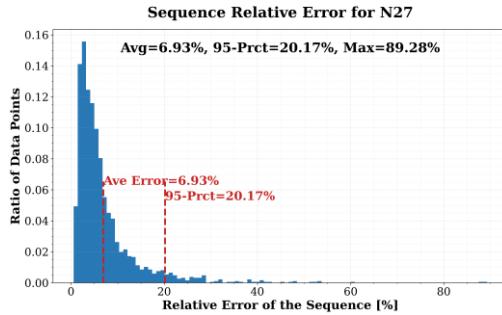
Energy Loss Relative Error



2. 50% known, 50% Prediction



3. 90% known, 10% Prediction

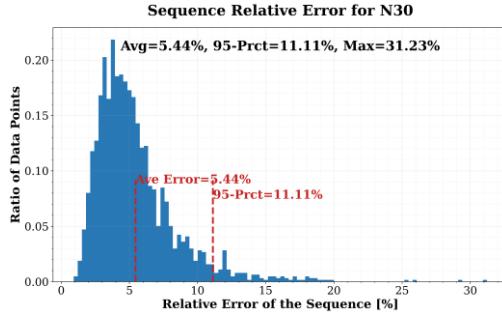


N27	Sequence Relative Error		Energy Loss Relative Error	
	Ave Error (%)	95-Prct (%)	Ave Error (%)	95-Prct (%)
10% known	5.82	11.45	0.99	3.20
50% known	5.68	13.14	0.65	2.15
90% known	6.93	20.17	0.25	0.76

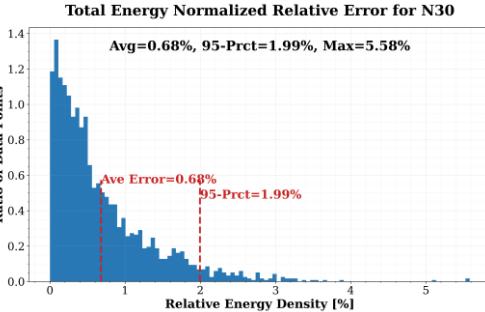
Material VIII: N30

Sequence Relative Error

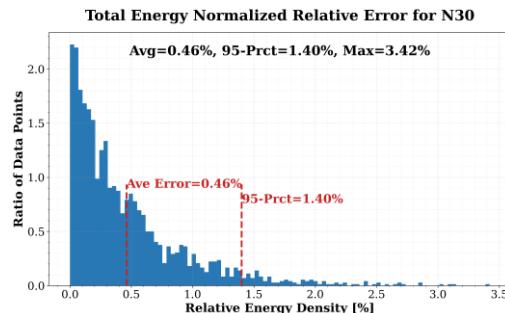
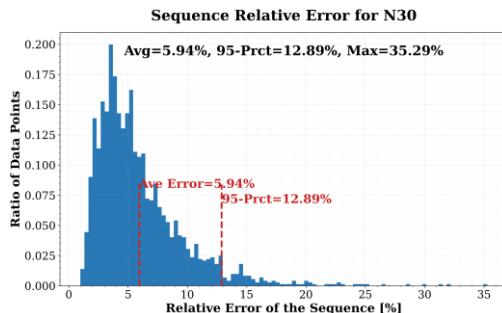
1. 10% known, 90% Prediction



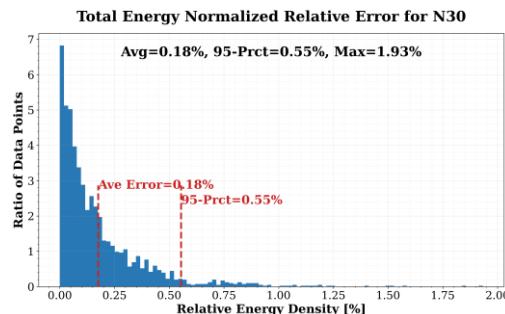
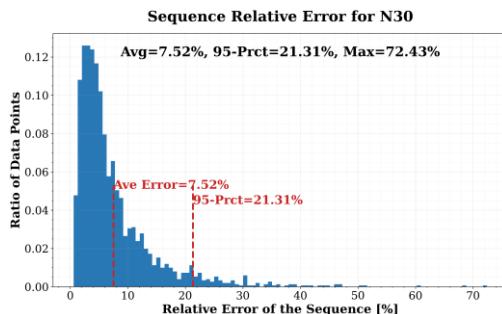
Energy Loss Relative Error



2. 50% known, 50% Prediction



3. 90% known, 10% Prediction

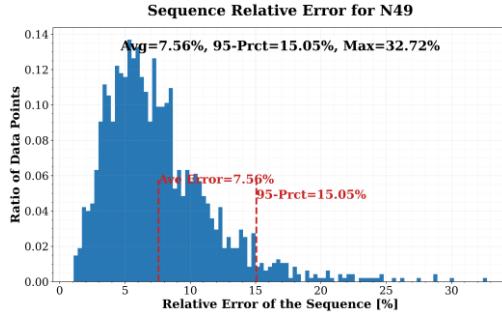


N30	Sequence Relative Error		Energy Loss Relative Error	
	Ave Error (%)	95-Prct (%)	Ave Error (%)	95-Prct (%)
10% known	5.44	11.11	0.68	1.99
50% known	5.94	12.89	0.46	1.40
90% known	7.52	21.31	0.18	0.55

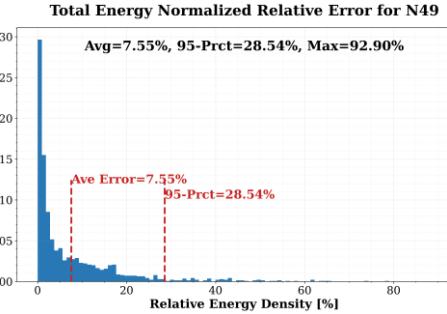
Material IX: N49

Sequence Relative Error

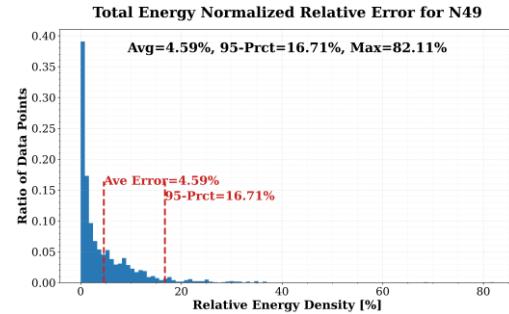
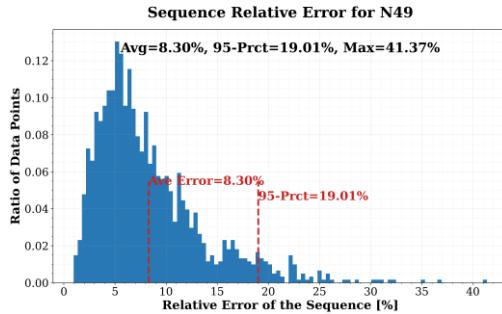
1. 10% known, 90% Prediction



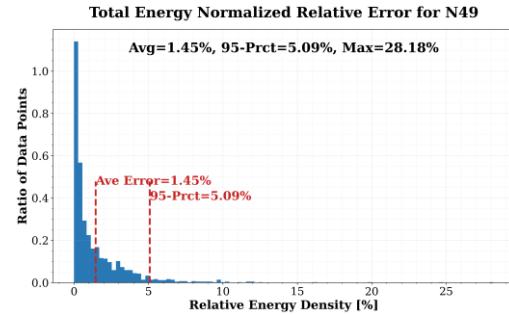
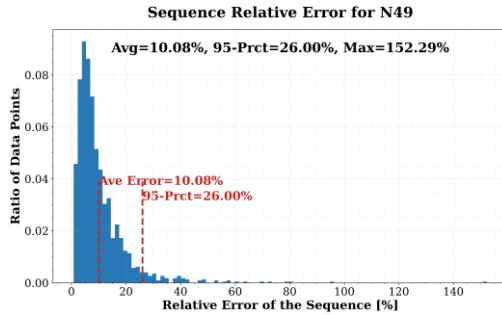
Energy Loss Relative Error



2. 50% known, 50% Prediction



3. 90% known, 10% Prediction

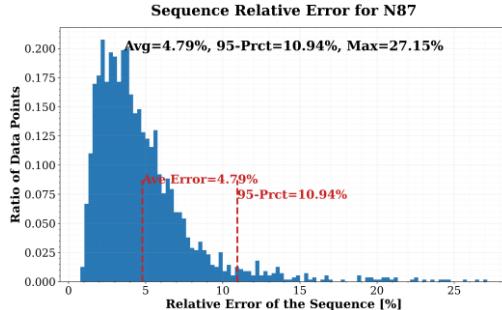


N49	Sequence Relative Error		Energy Loss Relative Error	
	Ave Error (%)	95-Prct (%)	Ave Error (%)	95-Prct (%)
10% known	7.56	15.05	7.55	28.54
50% known	8.30	19.01	4.59	16.71
90% known	10.08	26.00	1.45	5.09

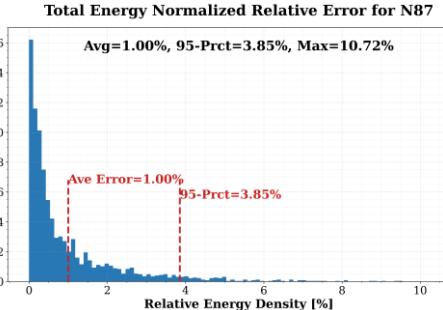
Material X: N87

Sequence Relative Error

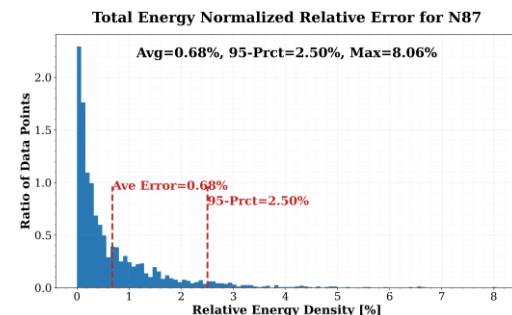
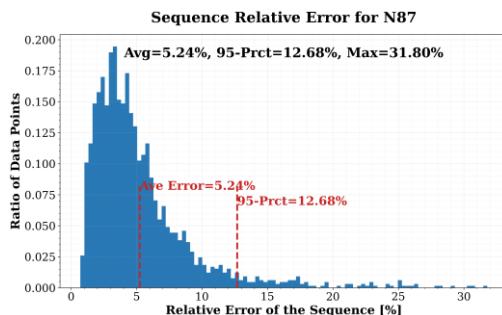
1. 10% known, 90% Prediction



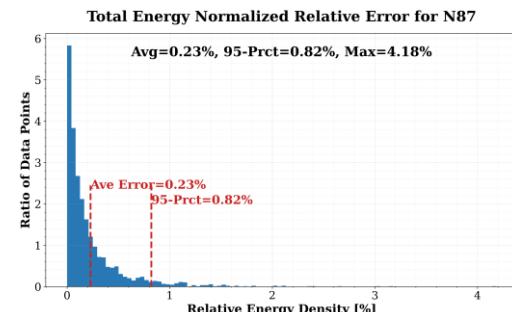
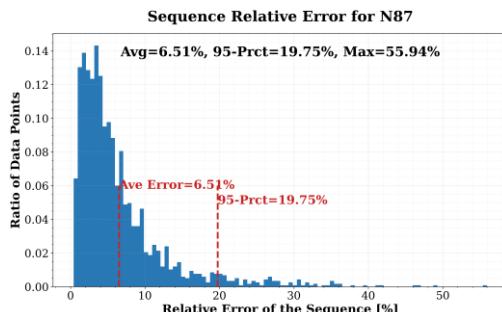
Energy Loss Relative Error



2. 50% known, 50% Prediction



3. 90% known, 10% Prediction



N87	Sequence Relative Error		Energy Loss Relative Error	
	Ave Error (%)	95-Prct (%)	Ave Error (%)	95-Prct (%)
10% known	4.79	10.94	1.00	3.85
50% known	5.24	12.68	0.68	2.50
90% known	6.51	19.75	0.23	0.82