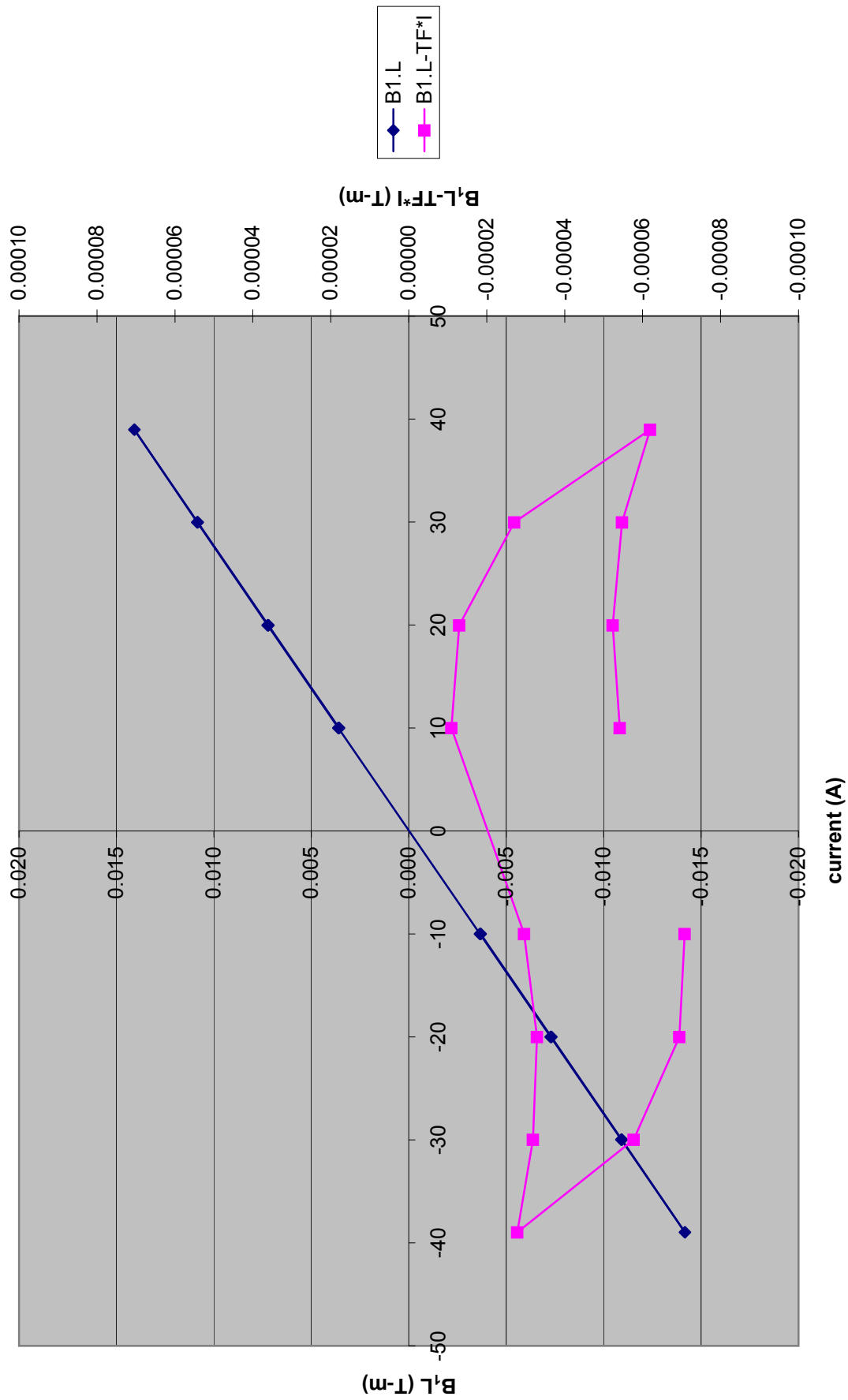
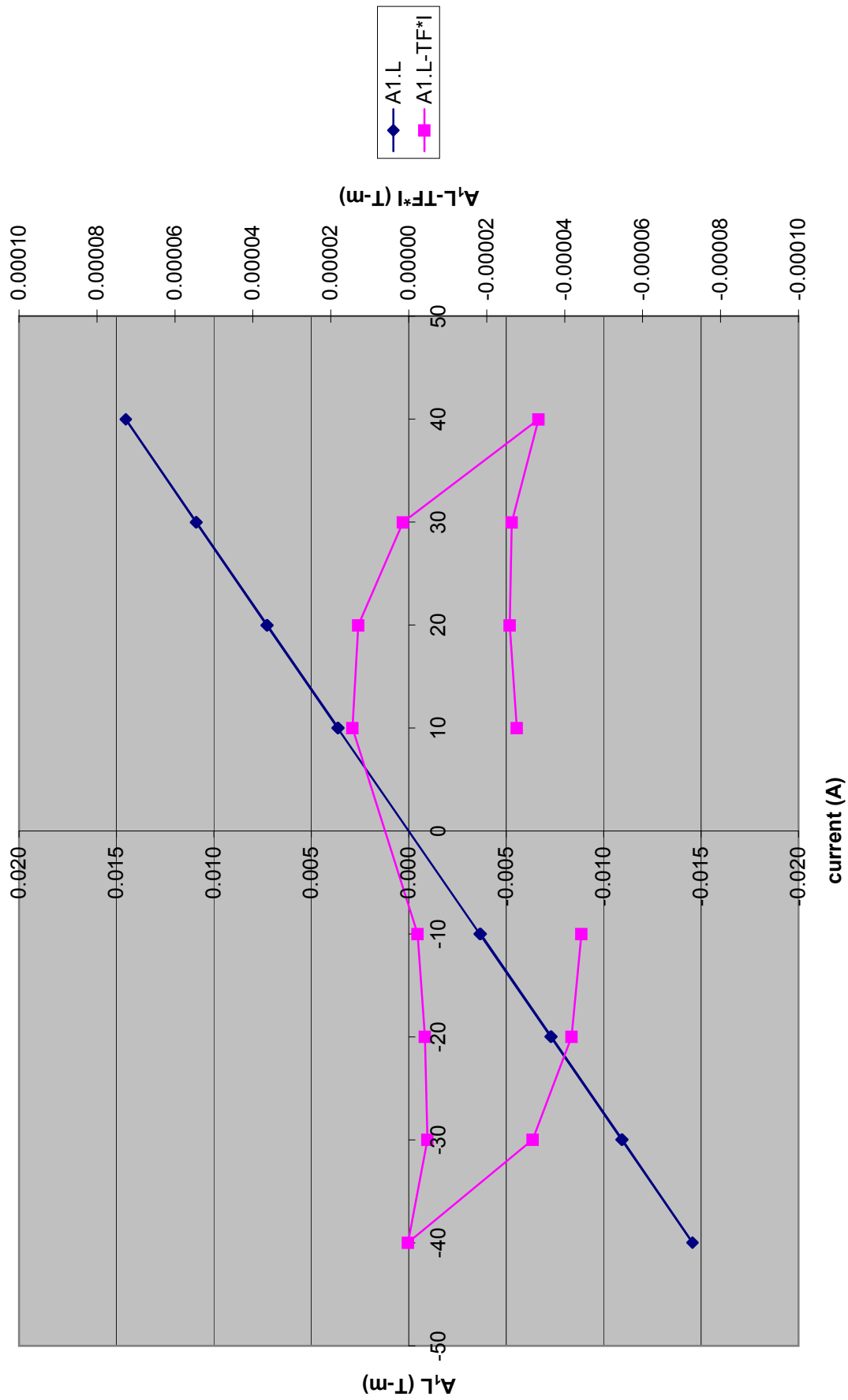


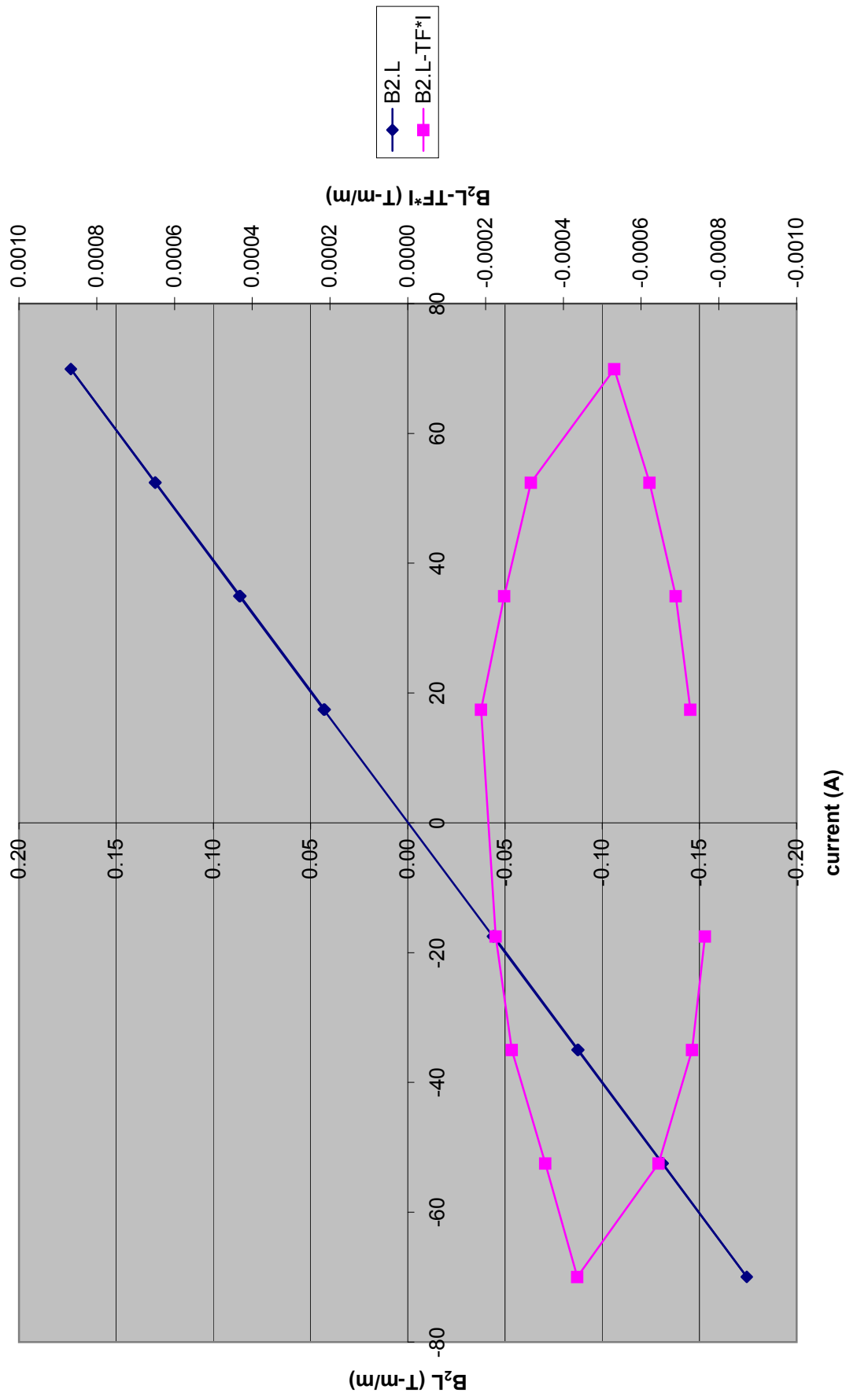
normal dipole



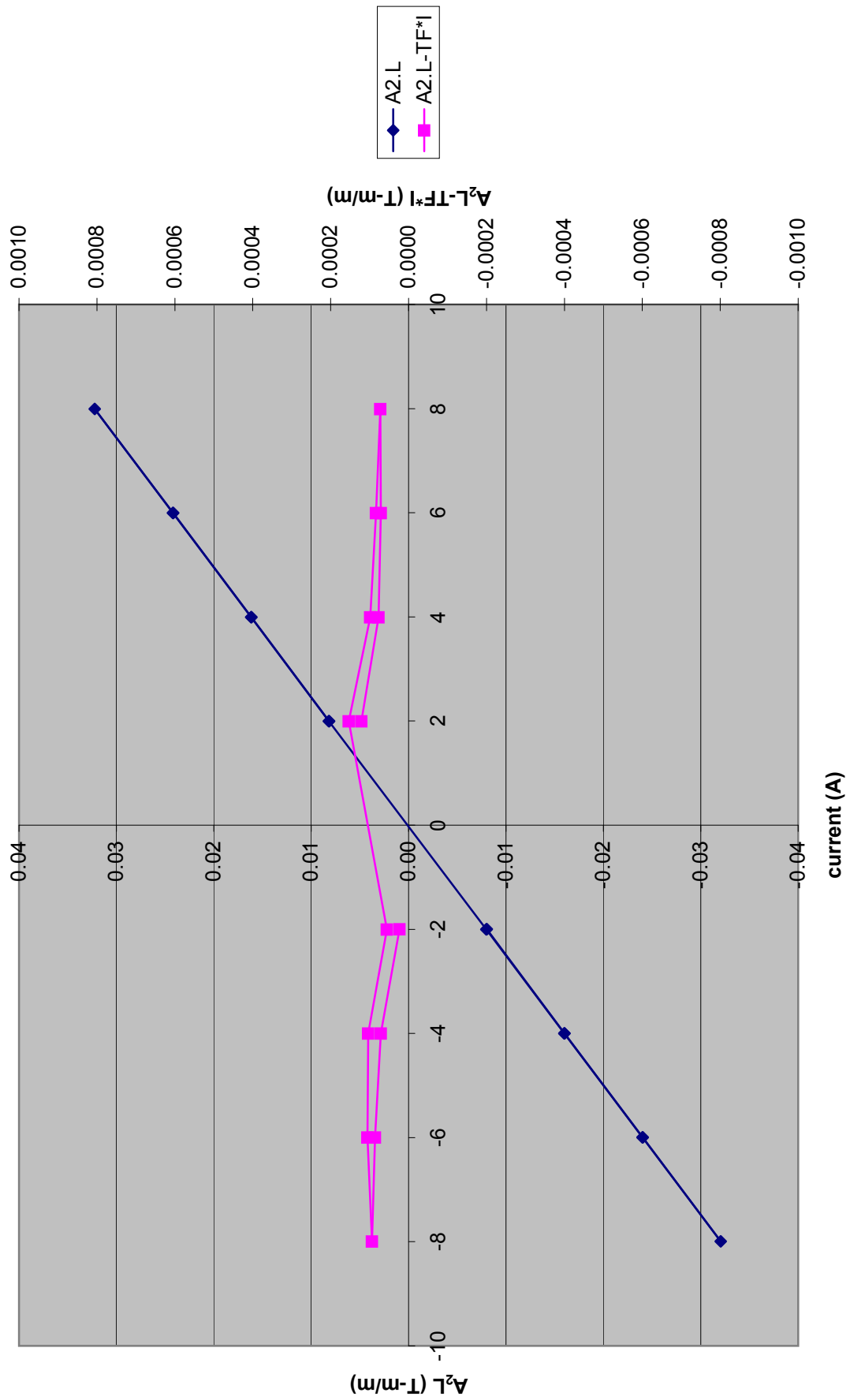
# skew dipole



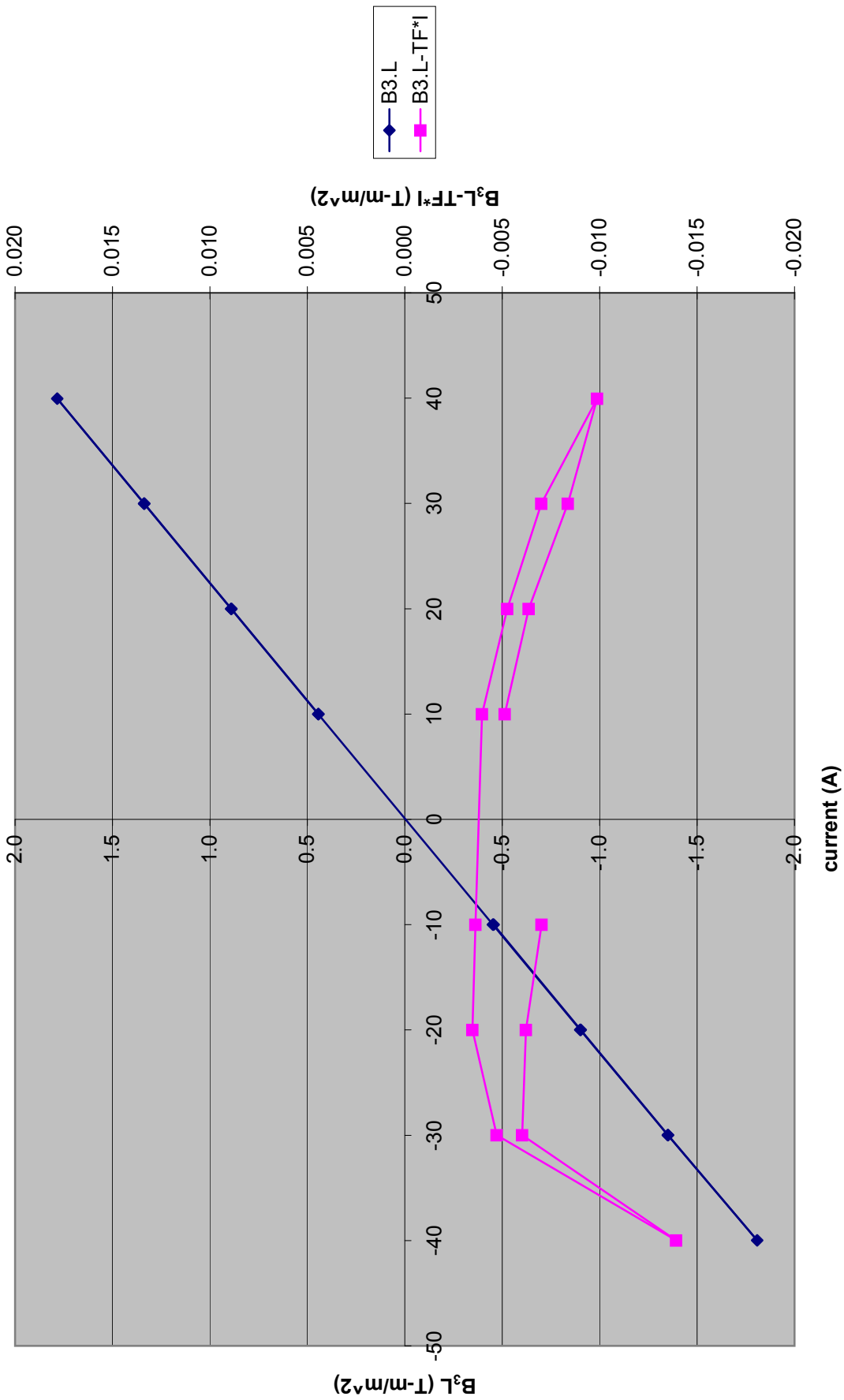
normal quadrupole



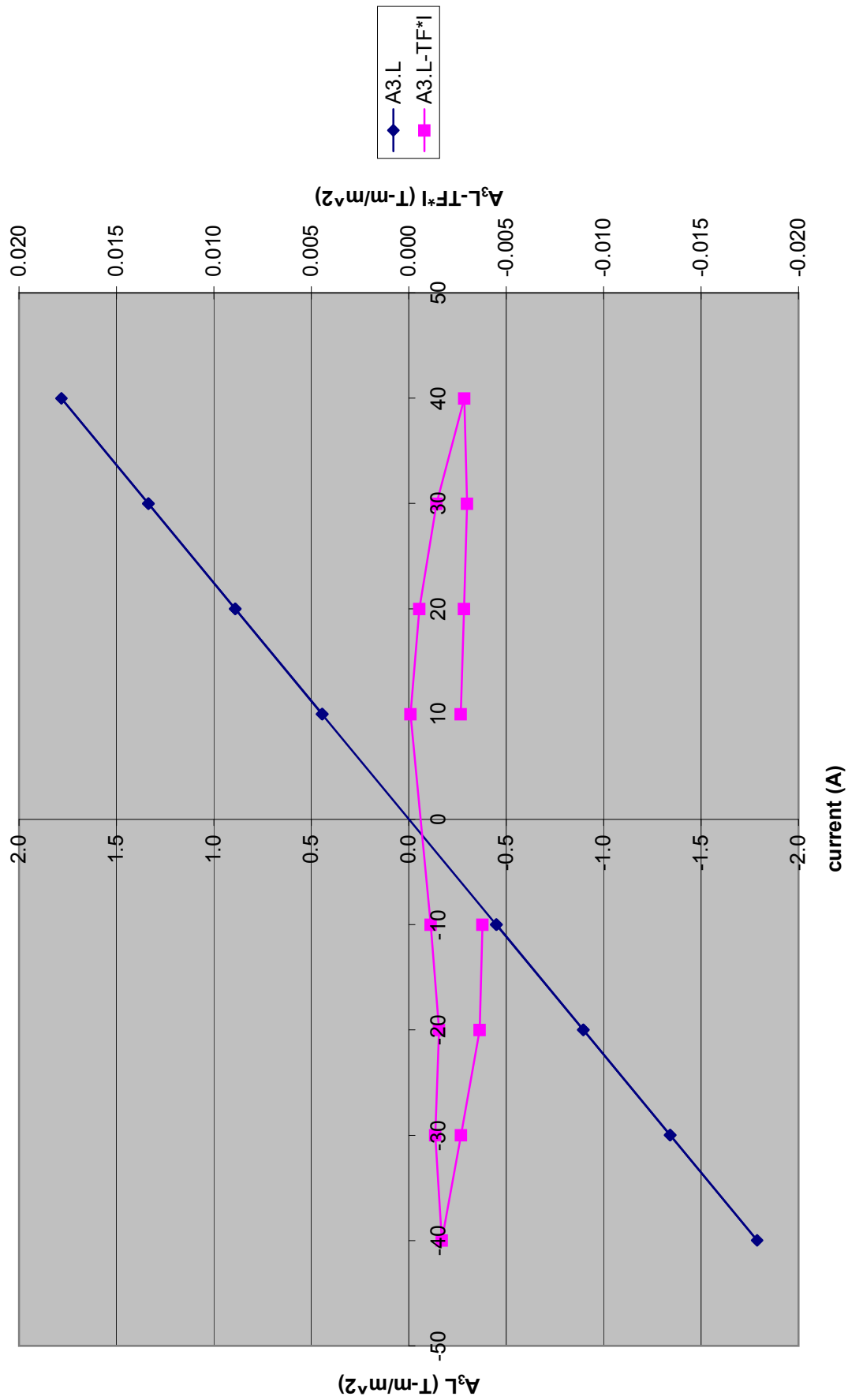
skew quadrupole



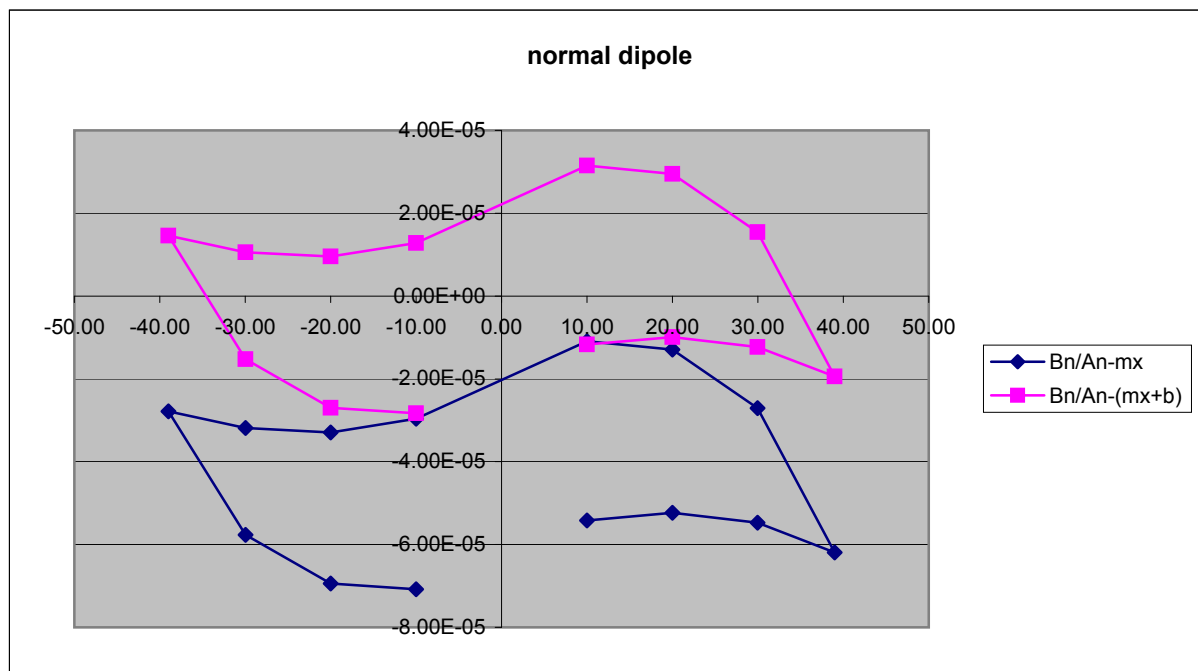
normal sextupole



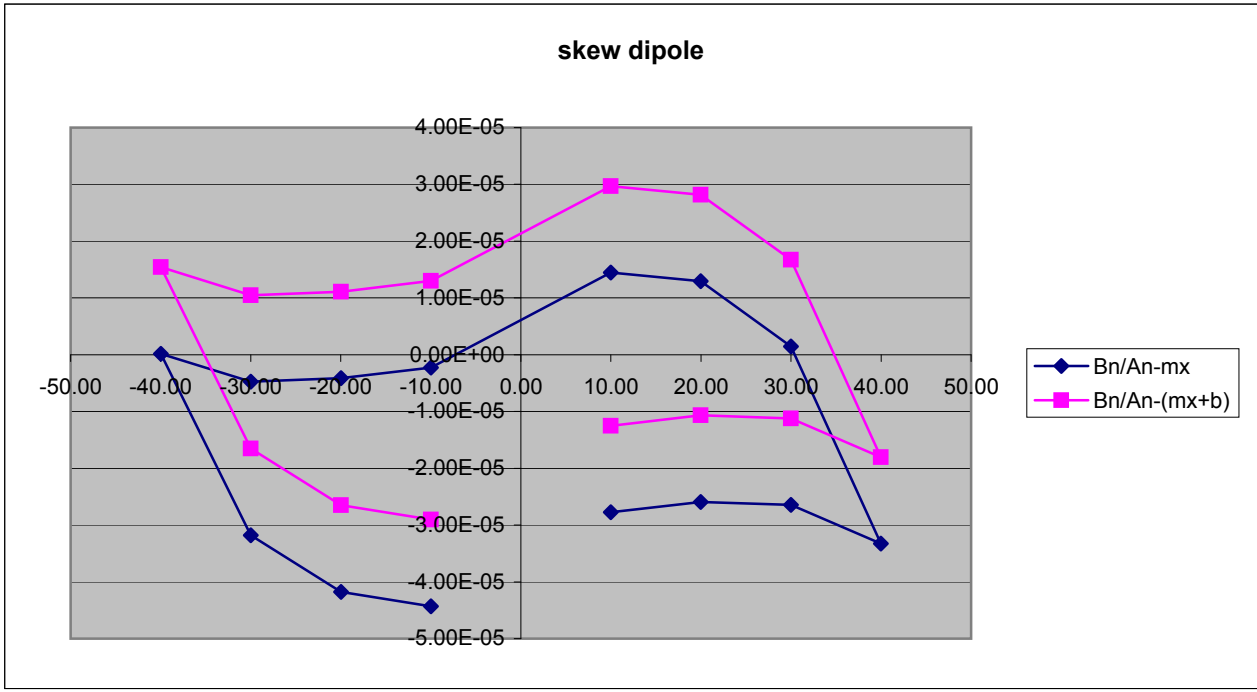
# skew sextupole



normal dipole	TF	signed strengt	$Bn(l)-TF \cdot l$	$Bn(l)-(m \cdot l+B)$	$(Bn(l)-(m \cdot l+b))/Bn(l)$	
9.99	3.57E-03	3.57E-04	0.004	-5.42E-05	-1.17E-05	
19.98	7.20E-03	3.60E-04	0.007	-5.24E-05	-9.91E-06	
29.98	1.08E-02	3.61E-04	0.011	-5.47E-05	-1.23E-05	
38.97	1.41E-02	3.61E-04	0.014	-6.19E-05	-1.95E-05	
29.98	1.09E-02	3.62E-04	0.011	-2.70E-05	1.54E-05	
19.98	7.24E-03	3.62E-04	0.007	-1.30E-05	2.95E-05	
9.99	3.61E-03	3.62E-04	0.004	-1.09E-05	3.15E-05	
-10.00	3.66E-03	-3.66E-04	-0.004	-2.96E-05	1.28E-05	
-19.99	7.29E-03	-3.64E-04	-0.007	-3.29E-05	9.54E-06	
-29.98	1.09E-02	-3.64E-04	-0.011	-3.19E-05	1.06E-05	
-38.97	1.42E-02	-3.64E-04	-0.014	-2.79E-05	1.46E-05	
-29.98	1.09E-02	-3.65E-04	-0.011	-5.77E-05	-1.53E-05	
-19.99	7.32E-03	-3.66E-04	-0.007	-6.94E-05	-2.70E-05	
-10.00	3.70E-03	-3.70E-04	-0.004	-7.08E-05	-2.83E-05	
slope		3.628E-04				
offset		-4.245E-05				

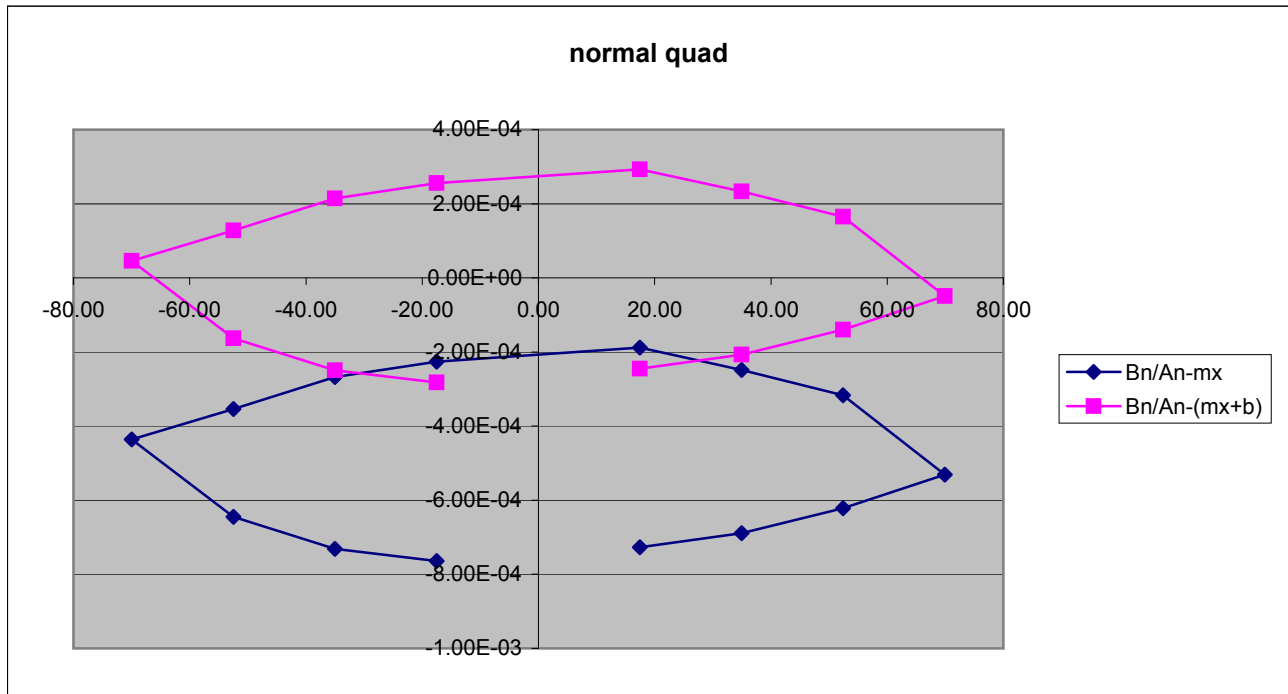


skew dipole	TF	signed strength	$B_n(l)-TF \cdot l$	$B_n(l)-(m \cdot l+B)$	$(B_n(l)-(m \cdot l+b))/B_n(l)$	
9.99	3.61E-03	3.62E-04	0.004	-2.77E-05	-1.25E-05	-1.25E-05
19.98	7.25E-03	3.63E-04	0.007	-2.59E-05	-1.07E-05	-1.07E-05
29.98	1.09E-02	3.63E-04	0.011	-2.64E-05	-1.12E-05	-1.12E-05
39.97	1.45E-02	3.63E-04	0.015	-3.33E-05	-1.80E-05	-1.80E-05
29.98	1.09E-02	3.64E-04	0.011	1.46E-06	1.67E-05	1.67E-05
19.98	7.29E-03	3.65E-04	0.007	1.29E-05	2.82E-05	2.82E-05
9.99	3.65E-03	3.66E-04	0.004	1.44E-05	2.97E-05	2.97E-05
-9.99	3.64E-03	-3.65E-04	-0.004	-2.26E-06	1.30E-05	1.30E-05
-19.99	7.28E-03	-3.65E-04	-0.007	-4.13E-06	1.11E-05	1.11E-05
-29.98	1.09E-02	-3.64E-04	-0.011	-4.77E-06	1.05E-05	1.05E-05
-39.97	1.46E-02	-3.64E-04	-0.015	1.80E-07	1.54E-05	1.54E-05
-29.98	1.10E-02	-3.65E-04	-0.011	-3.18E-05	-1.65E-05	-1.65E-05
-19.99	7.32E-03	-3.66E-04	-0.007	-4.18E-05	-2.65E-05	-2.65E-05
-9.99	3.69E-03	-3.69E-04	-0.004	-4.43E-05	-2.91E-05	-2.91E-05
			3.643E-04			
			-1.524E-05			

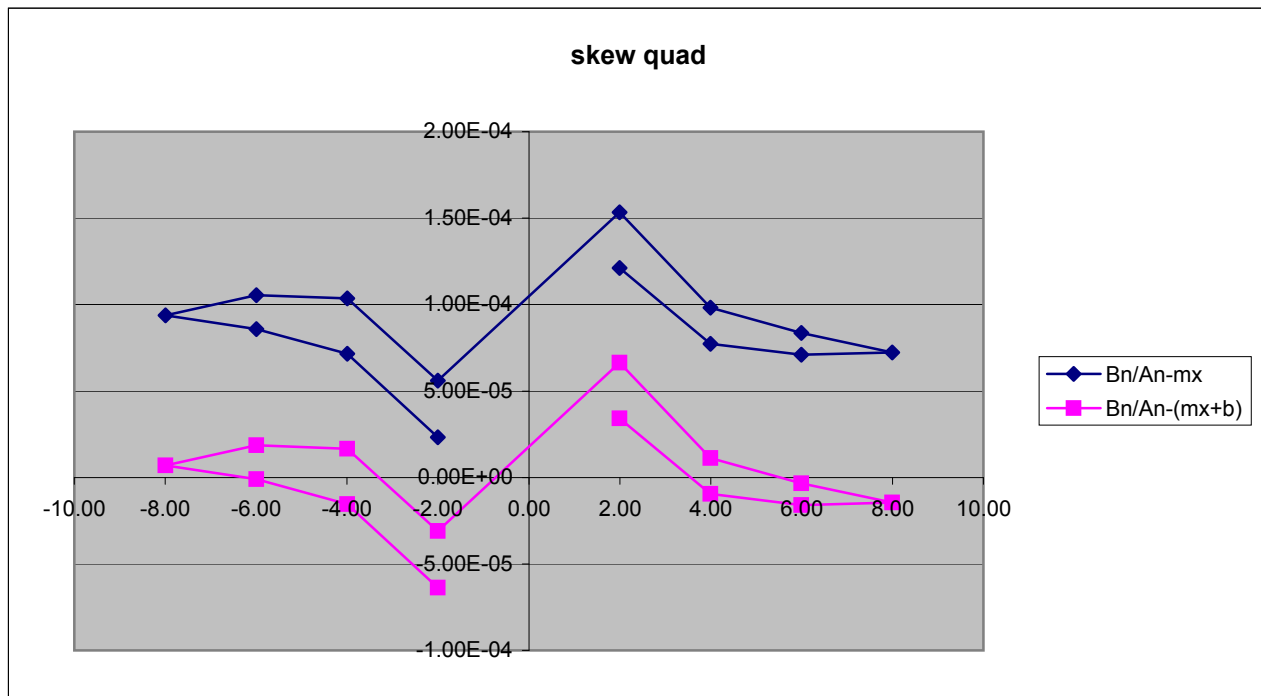




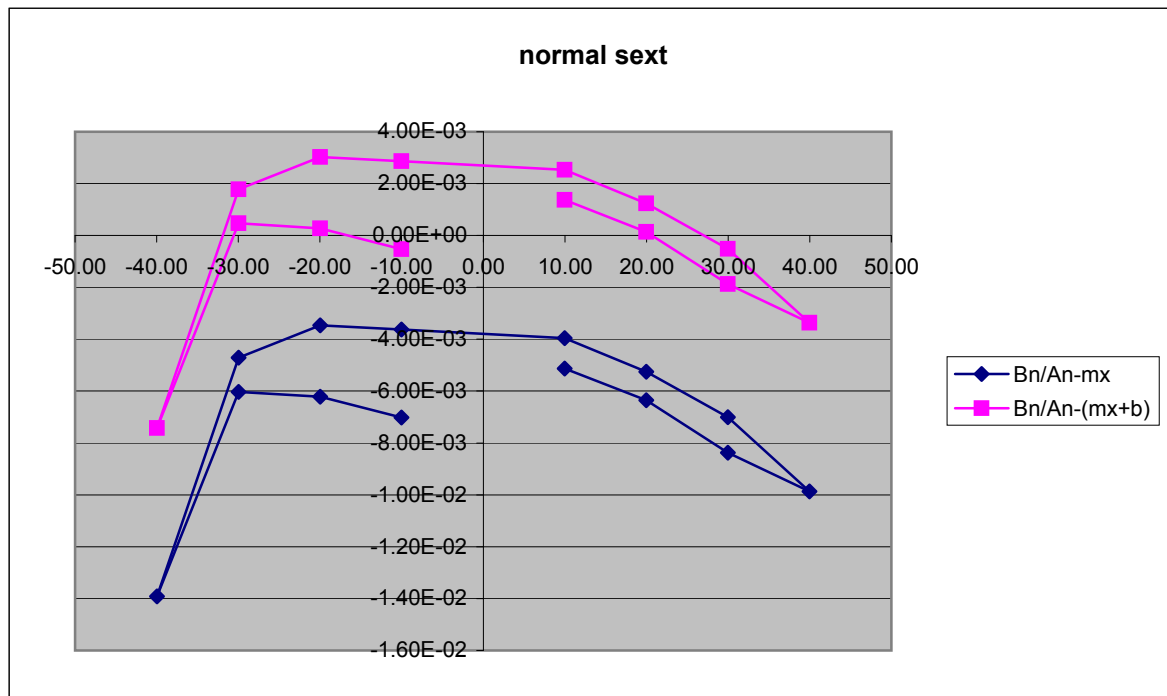
normal quad	TF	signed strength	$Bn(l)-TF*I$	$Bn(l)-(m*I+B)$	$(Bn(l)-(m*I+b))/Bn(l)$
17.47	4.27E-02	2.44E-03	0.043	-7.27E-04	-2.45E-04
34.95	8.62E-02	2.47E-03	0.086	-6.89E-04	-2.07E-04
52.44	1.30E-01	2.47E-03	0.130	-6.22E-04	-1.40E-04
69.93	1.73E-01	2.48E-03	0.173	-5.31E-04	-4.91E-05
52.44	1.30E-01	2.48E-03	0.130	-3.17E-04	1.65E-04
34.95	8.66E-02	2.48E-03	0.087	-2.48E-04	2.33E-04
17.47	4.32E-02	2.47E-03	0.043	-1.89E-04	2.93E-04
-17.50	4.37E-02	-2.50E-03	-0.044	-2.26E-04	2.56E-04
-34.99	8.72E-02	-2.49E-03	-0.087	-2.67E-04	2.14E-04
-52.47	1.31E-01	-2.49E-03	-0.131	-3.54E-04	1.28E-04
-69.96	1.74E-01	-2.49E-03	-0.174	-4.36E-04	4.59E-05
-52.47	1.31E-01	-2.50E-03	-0.131	-6.45E-04	-1.63E-04
-34.99	8.77E-02	-2.51E-03	-0.088	-7.31E-04	-2.49E-04
-17.50	4.43E-02	-2.53E-03	-0.044	-7.64E-04	-2.82E-04
			2.486E-03		
			-4.818E-04		



skew quad		TF	signed strength	$Bn(l)-TF*I$	$Bn(l)-(m*I+B)$	$(Bn(l)-(m*I+b))/Bn(l)$
2.00	8.15E-03	4.08E-03	0.008	1.21E-04	3.42E-05	3.42E-05
4.00	1.61E-02	4.04E-03	0.016	7.74E-05	-9.51E-06	-9.51E-06
5.99	2.42E-02	4.03E-03	0.024	7.10E-05	-1.59E-05	-1.59E-05
7.99	3.22E-02	4.03E-03	0.032	7.24E-05	-1.45E-05	-1.45E-05
5.99	2.42E-02	4.04E-03	0.024	8.35E-05	-3.35E-06	-3.35E-06
4.00	1.62E-02	4.05E-03	0.016	9.82E-05	1.13E-05	1.13E-05
2.00	8.19E-03	4.10E-03	0.008	1.53E-04	6.64E-05	6.64E-05
-2.00	7.99E-03	-3.99E-03	-0.008	5.59E-05	-3.09E-05	-3.09E-05
-4.00	1.60E-02	-4.00E-03	-0.016	1.04E-04	1.66E-05	1.66E-05
-6.00	2.40E-02	-4.00E-03	-0.024	1.06E-04	1.86E-05	1.86E-05
-7.99	3.21E-02	-4.01E-03	-0.032	9.39E-05	6.99E-06	6.99E-06
-6.00	2.40E-02	-4.01E-03	-0.024	8.58E-05	-1.04E-06	-1.04E-06
-4.00	1.60E-02	-4.00E-03	-0.016	7.15E-05	-1.54E-05	-1.54E-05
-2.00	8.02E-03	-4.01E-03	-0.008	2.32E-05	-6.37E-05	-6.37E-05
			4.022E-03			
			8.686E-05			



normal sext	TF	signed strength	Bn(l)-TF*I	Bn(l)-(m*I+B)	(Bn(l)-(m*I+b))/Bn(l)
9.99	0.44	0.044	0.443	-5.13E-03	1.37E-03
19.98	0.89	0.045	0.890	-6.36E-03	1.39E-04
29.98	1.34	0.045	1.337	-8.37E-03	-1.88E-03
39.97	1.78	0.045	1.784	-9.87E-03	-3.37E-03
29.98	1.34	0.045	1.338	-7.00E-03	-5.10E-04
19.98	0.89	0.045	0.891	-5.25E-03	1.24E-03
9.99	0.44	0.044	0.444	-3.96E-03	2.53E-03
-10.00	0.45	-0.045	-0.452	-3.63E-03	2.87E-03
-19.99	0.90	-0.045	-0.901	-3.47E-03	3.03E-03
-29.98	1.35	-0.045	-1.350	-4.71E-03	1.78E-03
-39.97	1.81	-0.045	-1.808	-1.39E-02	-7.43E-03
-29.98	1.35	-0.045	-1.351	-6.02E-03	4.70E-04
-19.99	0.90	-0.045	-0.903	-6.21E-03	2.80E-04
-10.00	0.46	-0.046	-0.456	-7.02E-03	-5.23E-04
			4.488E-02		
			-6.495E-03		



skew sext	TF	signed strength	$Bn(l)-TF \cdot l$	$Bn(l)-(m \cdot l+B)$	$(Bn(l)-(m \cdot l+b))/Bn(l)$
9.99	0.44	0.044	0.443	-2.67E-03	-5.79E-04
19.98	0.89	0.045	0.890	-2.83E-03	-7.44E-04
29.98	1.34	0.045	1.336	-3.00E-03	-9.07E-04
39.97	1.78	0.045	1.782	-2.85E-03	-7.64E-04
29.98	1.34	0.045	1.337	-1.42E-03	6.68E-04
19.98	0.89	0.045	0.892	-5.50E-04	1.54E-03
9.99	0.45	0.045	0.446	-9.10E-05	2.00E-03
-10.00	0.45	-0.045	-0.448	-1.12E-03	9.65E-04
-20.00	0.89	-0.045	-0.895	-1.56E-03	5.33E-04
-29.99	1.34	-0.045	-1.341	-1.36E-03	7.33E-04
-39.98	1.79	-0.045	-1.787	-1.70E-03	3.91E-04
-29.99	1.34	-0.045	-1.342	-2.68E-03	-5.90E-04
-20.00	0.90	-0.045	-0.897	-3.63E-03	-1.55E-03
-10.00	0.45	-0.045	-0.450	-3.79E-03	-1.70E-03
			4.466E-02		
			-2.089E-03		

