Specific Kinetic Energy (m^2/s^2) for models IBR and CSK for different resolutions and T42. Eastward and northward velocity components are interpolated from model native grid to high resolution lat-lon grid. Each component is spectrally analyzed after various days of integration. Specific Kinetic Energy is shown for wave numbers 0 and 3,4,5 starting from Rossby-Haurwitz waves 3,4,5 respectively.

		----RH Wave 3----				----RH Wave 4----				----RH Wave 5----			
		--IBR--		--CSK--		--IBR--		--CSK--		--IBR--		--CSK--	
Day	Reso	Wv0	Wv3	Wv0	Wv3	Wv0	Wv4	Wv0	Wv4	Wv0	Wv5	Wv0	Wv5
1	4.00°	829	601	830	600	833	636	826	638	834	659	829	671
	2.00°	834	625	834	628	836	671	836	679	838	713	838	729
	1.00°	835	632	835	634	837	683	837	688	839	732	840	741
	.50°	835	634	835	636	838	688	838	690	840	739	840	744
	.25°	835	635	835	636	838	689	838	691	840	742	840	744
	T42	835	636			838	690			840	743		
5	4.00°	811	537	815	536	900	465	845	421	1240	149	969	414
	2.00°	826	598	831	619	908	574	887	629	1171	366	1145	470
	1.00°	830	621	832	635	908	620	904	650	1158	450	1161	497
	.50°	831	631	832	638	908	639	907	654	1158	480	1161	503
	.25°	831	635	832	639	908	647	908	654	1160	493	1161	505
	T42	840	639			895	653			984	454		
10	4.00°	785	465	763	451	925	277	894	238	1236	67	1139	76
	2.00°	819	561	813	590	934	479	920	590	1398	104	1427	171
	1.00°	827	602	832	630	920	581	904	650	1451	156	1478	207
	.50°	830	620	832	634	910	624	901	660	1467	190	1468	232
	.25°	831	628	832	635	905	643	901	661	1463	216	1456	244
	T42	866	633			918	656			1060	201		
20	4.00°	739	339	795	304	880	6	751	216	1162	23	978	0
	2.00°	809	497	801	536	919	33	1034	442	1398	46	1256	26
	1.00°	823	571	813	567	998	153	932	622	1502	73	1334	83
	.50°	829	604	831	631	929	555	916	648	1540	101	1314	167
	.25°	831	619	833	634	915	620	024	645	1522	152	1381	216
	T42	934	623			1005	612			1135	134		
30	4.00°	706	241	809	167	871	3	699	105	1033	22	821	0
	2.00°	801	432	981	131	955	12	1174	273	1339	46	1249	2
	1.00°	823	541	852	236	1044	17	955	598	1495	50	1362	24
	.50°	829	590	811	596	913	11	893	663	1546	78	1349	34
	.25°	832	612	831	634	932	222	878	675	1557	111	1456	66
	T42	1003	614			1116	514			1198	133		
40	4.00°	673	160	782	63	809	1	699	11	937	21	703	0
	2.00°	789	351	911	40	941	10	1205	203	1301	38	1282	1
	1.00°	819	489	892	157	1053	2	1016	544	1483	38	1350	16
	.50°	825	566	902	161	1055	12	917	648	1542	66	1377	12
	.25°	830	601	831	630	968	35	916	652	1567	92	1410	31
	T42	1070	600			1205	399			diverged			