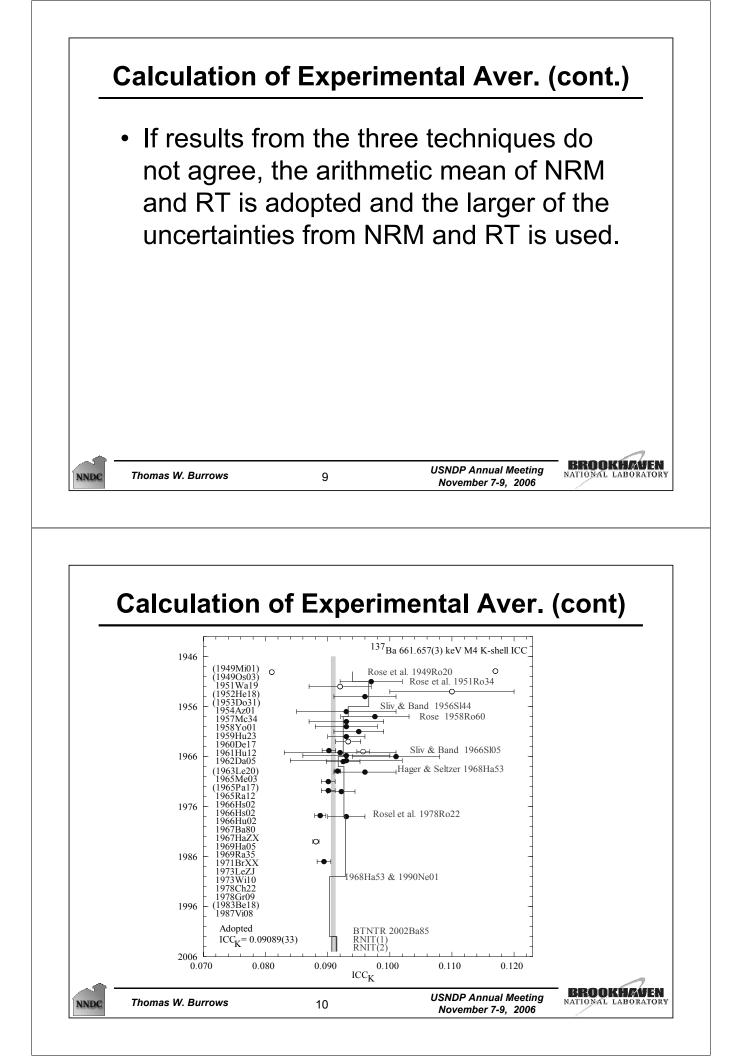


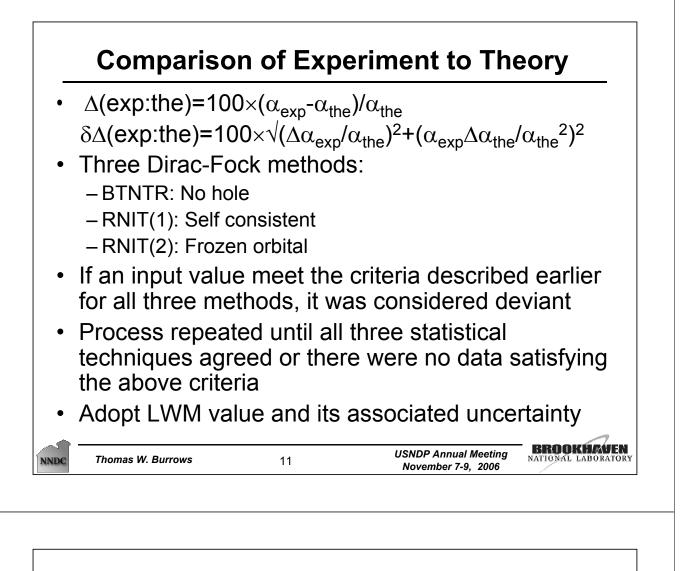
- Marked as an outlier by LWM and RT and adjusted by NRM
- Marked as an outlier by LWM and significantly adjusted by NRM and RT
- Marked as an outlier by RT and significantly adjusted by NRM
- Significantly adjusted by NRM and RT
- Process is repeated until results from all three techniques agree or no value satisfies the above criteria

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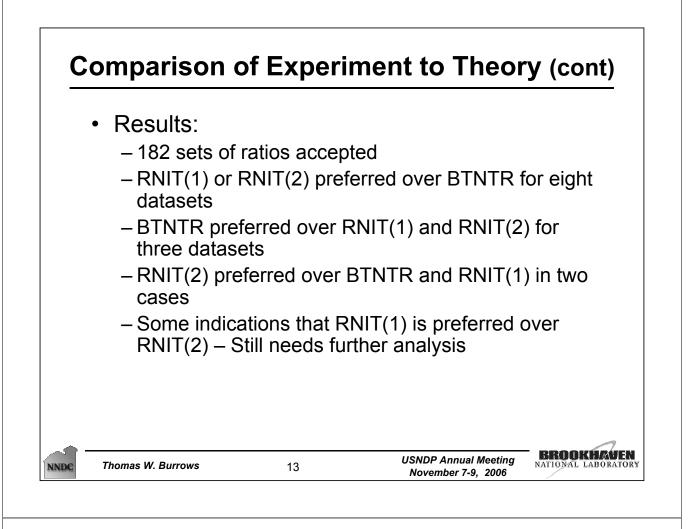


## Comparison of Exp. to Theory (cont).

- Δ, δΔ, and χ²/(N-1) vs. χ²(critical) and comparison of differences between LWM, NRM, and RT aided in judgment of method
- 18 datasets used: one containing all data, 16 subsets based on multipolarity and shell, and one containing all data with δ∆(exp:the)≤1.5%

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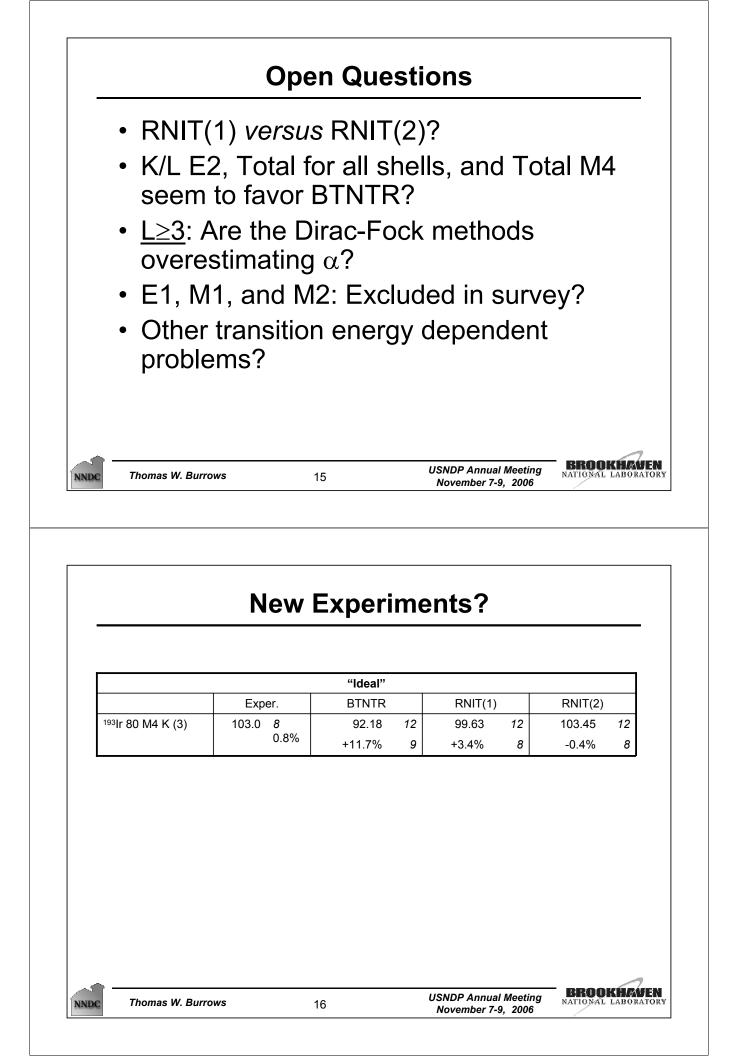




## Comparison of Exp. to Theory (cont.)

	Ν	E	BTNTR			RNIT(1)		RNIT(2)		
		Δ	δΔ	R/C	Δ	δΔ	R/C	Δ	δΔ	R/C
All	182	0.58	0.68	1.6	-0.63	0.13	0.8	-0.92	0.13	0.8
Total&K	124	0.71	0.81	1.8	-0.47	0.14	0.8	-0.77	0.14	0.7
K M4	18	1.68	1.49	4.7	-0.13	0.29	0.9	-0.83	0.29	0.3
δ∆≤1.5%	26	0.68	0.79	4.5	-0.60	0.23	1.2	-0.92	0.16	0.8
K/L E2	28	-0.14	0.39	0.5	-1.66	0.38	0.5	-1.92	0.39	0.6





## **New Experiments? (cont)**

	Exper.		BTNTR		RNIT(1)		RNIT(2)	
<sup>58</sup> Co 25 M3+E4 K δ<0.014 (3)	1860	69 3.7%	1756	8	1824	8	1842	8
			+6%	4	+2%	4	+1%	4
<sup>73</sup> Se 26 E3 K/L (1)	0.290	14	0.275	3	0.286	3	0.290	3
		4.8%	+6%	5	+1%	5	-0.1%	49
<sup>73</sup> Ge 13 E2 K (2)	297	20	264.87	3	288.80	1	298.65	2
		6.7%	+12%	8	+3%	7	-0.6%	70
<sup>83</sup> Kr 32 E3 K (1)	455	18	458.02	4	477.03	4	483.02	4
		4.0%	-0.7%	39	-5%	4	-6%	4
<sup>96</sup> Tc 34 M3 K (2)	1766	51	1591	4	1688	4	1690	4
		2.9%	+11%	3	+6%	3	+4%	3
<sup>103</sup> Rh 40 E3 K (8)	134.1	35	127.31	7	133.15	7	135.11	8
		2.6%	+5.3%	27	+0.7%	26	-0.7%	26

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