Anhang D

Experimentelle Daten zu Kapitel 7

Sämtliche experimentellen Daten zu der in Kapitel 7 beschriebenen Untersuchung des a-Typ-Rotationsspektrums von Chlorfulminat ClCNO im Millimeterwellen-Bereich sind auf der beigefügten *Compact Disc* unter ClCNO.i01 zu finden. Wie Tabelle 4.3 zu entnehmen, enthält das Verzeichnis ClCNO.c01 im ASCII-Format alle Spektren und Linienlisten zwischen 77 und 119 GHz, das Verzeichnis ClCNO.c02 alle Spektren und Linienlisten zwischen 210 und 230 GHz, und das Verzeichnis ClCNO.c04 alle Spektren und Linienlisten zwischen 52 und 77 GHz. Im Verzeichnis ClCNO.c03 sind die zwischen 52 und 62 GHz bei reduziertem Modulationshub aufgezeichneten Spektren enthalten. Schließlich beinhaltet das Verzeichnis ClCNO.c05 alle Spektren und Linienlisten zwischen 159 und 164 GHz, und das Verzeichnis ClCNO.c06 alle Spektren und Linienlisten zwischen 164 und 179 GHz. Auch hier sind die ursprünglichen Übersichtsspektren wieder geordnet nach der Startfrequenz jeweils in den Unterverzeichnissen rls enthalten, die geglätteten Übersichtsspektren in den Unterverzeichnissen xy. Die unkalibrierten Linienlisten sind wieder jeweils in den Unterverzeichnissen pl abgelegt.

Die für jeden Subzustand, für jede Serie von a-Typ-Rotationsübergängen im Verzeichnis Frequency abgespeicherten Dateien mit der Endung .tab stellen gleichzeitig Eingabe- und Ausgabedateien des Programms est32 dar, das hier zur Bestimmung der Mittelfrequenzen, der um die Aufspaltung durch Kernquadrupol-Wechselwirkung bereinigten Übergangsfrequenzen verwendet wurde. Die Dateinamen setzten sich analog zu den in Anhang C beschriebenen Dateinamen der Excel-Arbeitsblätter für BrCNO zusammen, wobei die 5 für ^{35}ClCNO und die 6 für ^{37}ClCNO steht. Die letzte Ziffer gibt wieder den Betrag der Quantenzahl k an, und bei Kombinations-Zuständen der Knickschwingungen ν_4 und ν_5 insbesondere deutet ein vorgestelltes + an, daß die Quantenzahlen l_4 und l_5 der schwingungsinduzierten Drehimpulse das gleiche Vorzeichen haben, wohingegen ein − andeutet, daß die Quantenzahlen l_4 und l_5 der schwingungsinduzierten Drehimpulse entgegengesetzte Vorzeichen haben. Dieses Prinzip wurde auch für die Dateinamen der Eingabedateien für linc96 mit der Endung .lin und die Dateinamen der entsprechenden Ausgabedateien mit der Endung .lot beibehalten.

In den folgenden Tabellen sind wieder alle experimentellen Mittelfrequenzen ν_{exp} und deren Abweichungen $\nu_{\mathrm{exp}} - \nu_{\mathrm{calc}}$ von den berechneten Mittelfrequenzen ν_{calc} zusammengefaßt, wie sie aus den mit linc96 bestimmten Reihenentwicklungskonstanten in Tabelle 7.4 bis 7.7 resultieren. Auch hier deutet ein Asterix hinter einer Abweichung an, daß der betreffende Übergang bei der Anpassung der Reihenentwicklungskonstanten nicht berücksichtigt wurde.

Tabelle D.1 Zugeordnete a-Typ-Rotationsübergänge von ^{35}ClCNO im Frequenzbereich zwischen 52 und 230 GHz.

	$J' \leftarrow J''$	ν_{exp} / MHz	$\nu_{\mathrm{exp}} - \nu_{\mathrm{calc}}$ / MHz	$J' \leftarrow J''$	ν_{exp} / MHz	$\nu_{\mathrm{exp}} - \nu_{\mathrm{calc}}$ / MHz
Grund						
	11 ← 10	56 598.025 4	0.071 2 *			
	12 ← 11	61 742.533 6	-0.016 7			
	13 ← 12	66 886.955 6	-0.015 5			
	14 ← 13	72 031.198 5	-0.003 7			
	15 ← 14	77 175.237 4	0.008 5			
	16 ← 15	82 319.051 5	0.014 8			
	17 ← 16	87 462.611 1	-0.000 2			
	18 ← 17	92 605.937 9	-0.000 3			
	19 ← 18	97 749.018 1	0.015 3			
	20 ← 19	102 891.786 3	-0.004 5			
	21 ← 20	108 034.282 9	-0.005 0			
	22 ← 21	113 176.483 2	0.003 7			
	23 ← 22	118 318.355 2	0.003 7			
	31 ← 30	159 440.118 0	0.010 3			
	32 ← 31	164 578.434 9	-0.027 5			
	33 ← 32	169 716.342 1	-0.013 7			
	34 ← 33	174 853.768 9	-0.005 0			
	41 ← 40	210 801.234 8	0.002 8			
	42 ← 41	215 934.353 5	0.002 1			
	43 ← 42	221 066.874 9	0.002 7			
	44 ← 43	226 198.776 5	-0.004 3			
$(\nu_5^1)^{1e}$				$(\nu_5^1)^{1f}$		
	11 ← 10	56 676.077 7	0.044 6 *	11 ← 10	56 906.121 1	0.013 1 *
	12 ← 11	61 827.885 5	0.006 4	12 ← 11	62 078.780 5	0.005 3
	13 ← 12	66 979.574 7	-0.014 7	13 ← 12	67 251.264 0	-0.017 9
	14 ← 13	72 131.148 0	-0.004 8	14 ← 13	72 423.611 4	-0.003 5
	15 ← 14	77 282.565 6	0.007 7	15 ← 14	77 595.768 3	0.007 4
	16 ← 15	82 433.805 5	0.012 1	16 ← 15	82 767.718 2	0.011 6
	17 ← 16	87 584.849 0	0.000 7	17 ← 16	87 939.440 5	0.001 9
	18 ← 17	92 735.711 5	0.000 3	18 ← 17	93 110.946 7	0.002 8
	19 ← 18	97 886.369 8	-0.001 1	19 ← 18	98 282.213 7	0.004 6
	20 ← 19	103 036.812 7	-0.003 5	20 ← 19	103 453.215 0	-0.005 9
	21 ← 20	108 187.030 3	-0.005 7	21 ← 20	108 623.956 2	-0.010 1
	22 ← 21	113 337.018 5	-0.000 5	22 ← 21	113 794.433 2	0.001 2
	23 ← 22	118 486.753 2	-0.000 9	23 ← 22	118 964.606 7	0.001 8
	31 ← 30	159 674.388 0	0.010 8	31 ← 30	160 313.860 7	-0.013 3
	32 ← 31	164 821.379 3	-0.002 7	32 ← 31	165 480.828 9	0.005 8
	33 ← 32	169 968.042 5	0.014 2	33 ← 32	170 647.344 7	-0.004 3
	34 ← 33	175 114.312 8	0.007 6	34 ← 33	175 813.454 7	0.015 6
	41 ← 40	211 126.980 1	-0.006 1	41 ← 40	211 962.792 8	0.002 6
	42 ← 41	216 269.914 0	-0.003 0	42 ← 41	217 124.929 2	-0.004 8
	43 ← 42	221 412.381 0	-0.000 1	43 ← 42	222 286.484 6	-0.043 0 *
	44 ← 43	226 554.373 0	0.005 2	44 ← 43	227 447.560 2	0.001 5
$(2\nu_5^0)^{0e}$						
	11 ← 10	56 437.185 5	0.076 1 *			
	12 ← 11	61 567.362 4	0.012 5			
	13 ← 12	66 697.469 5	-0.015 3			
	14 ← 13	71 827.502 3	-0.003 1			
	15 ← 14	76 957.398 6	-0.004 3			
	16 ← 15	82 087.184 0	0.015 1			
	17 ← 16	87 216.801 3	0.006 8			
	18 ← 17	92 346.269 3	-0.002 0			
	19 ← 18	97 475.599 4	0.008 8			

20 ← 19	102 604.736 7	-0.007 2	
21 ← 20	107 733.709 6	-0.013 2	
22 ← 21	112 862.517 6	-0.001 1	
23 ← 22	117 991.123 2	-0.000 1	
31 ← 30	159 012.078 3	0.003 5	
32 ← 31	164 138.601 9	0.016 4	
33 ← 32	169 264.836 5	0.013 4	
34 ← 33	174 390.771 0	-0.008 8	
41 ← 40	210 263.958 3	-0.003 4	
42 ← 41	215 387.391 4	-0.003 5	
43 ← 42	220 510.484 8	0.005 5	
44 ← 43	225 633.206 9	-0.000 6	

$(2\nu_5^2)^{2e}$

11 ← 10	57 016.461 7	0.077 6 *
12 ← 11	62 199.224 1	0.061 0 *
13 ← 12	67 381.864 8	0.060 4 *
14 ← 13	72 564.390 9	0.094 5 *
15 ← 14	77 746.747 5	0.119 9 *
16 ← 15	82 928.942 7	0.155 9 *
17 ← 16	88 110.926 8	0.164 4 *
18 ← 17	93 292.562 2	0.019 2
19 ← 18	98 474.122 6	0.005 3
20 ← 19	103 655.461 4	-0.012 4
21 ← 20	108 836.587 0	-0.014 1
22 ← 21	114 017.488 3	0.000 3
31 ← 30	160 632.774 8	-0.005 3
32 ← 31	165 810.662 6	0.022 2
33 ← 32	170 988.128 7	-0.007 5
34 ← 33	176 165.259 0	0.002 6
41 ← 40	212 393.652 2	0.003 4
42 ← 41	217 567.361 4	-0.003 9
43 ← 42	222 740.607 4	0.000 6
44 ← 43	227 913.362 3	-0.000 2

$(3\nu_5^1)^{1e}$

11 ← 10	56 747.450 5	0.042 9 *
12 ← 11	61 905.864 9	0.006 2
13 ← 12	67 064.198 0	-0.006 4
14 ← 13	72 222.425 1	-0.010 9
15 ← 14	77 380.552 9	0.008 0
16 ← 15	82 538.533 6	0.011 4
17 ← 16	87 696.362 2	0.002 9
18 ← 17	92 854.046 6	-0.000 9
19 ← 18	98 011.585 8	0.007 8
20 ← 19	103 168.931 6	-0.010 7
21 ← 20	108 326.119 7	-0.012 0
22 ← 21	113 483.140 0	0.002 5
23 ← 22	118 639.953 0	0.001 9
31 ← 30	159 886.511 1	-0.000 7
32 ← 31	165 041.219 0	0.008 5
33 ← 32	170 195.636 9	0.005 1
34 ← 33	175 349.754 2	-0.013 1
41 ← 40	211 420.018 4	0.005 8
42 ← 41	216 571.561 1	-0.001 1
43 ← 42	221 722.748 0	-0.003 5
44 ← 43	226 873.572 7	0.000 2

$(3\nu_5^3)^{3e}$

10 ← 9	52 037.921 8	0.000 6
11 ← 10	57 241.289 4	0.002 9
12 ← 11	62 444.537 9	0.008 0

$(2\nu_5^2)^{2f}$

11 ← 10	57 016.461 7	-0.022 9 *
12 ← 11	62 199.224 1	-0.065 2 *
13 ← 12	67 381.864 8	-0.095 6 *
14 ← 13	72 564.390 9	-0.095 9 *
15 ← 14	77 746.747 5	-0.109 9 *
16 ← 15	82 928.942 7	-0.118 3 *
17 ← 16	88 110.926 8	-0.159 6 *
18 ← 17	93 292.908 2	-0.014 4
19 ← 18	98 474.570 6	0.012 1
20 ← 19	103 655.987 0	0.004 2
21 ← 20	108 837.182 6	-0.001 9
22 ← 21	114 018.155 1	0.002 7
31 ← 30	160 634.497 2	-0.009 7
32 ← 31	165 812.535 0	0.010 2
33 ← 32	170 990.175 2	-0.011 3
34 ← 33	176 167.469 2	-0.011 6
41 ← 40	212 397.323 7	0.003 9
42 ← 41	217 571.277 6	0.003 1
43 ← 42	222 744.759 3	-0.002 4
44 ← 43	227 917.768 4	-0.001 7

$(3\nu_5^1)^{1f}$

11 ← 10	56 997.756 5	0.014 1 *
12 ← 11	62 178.893 9	0.007 2
13 ← 12	67 359.892 0	-0.016 8
14 ← 13	72 540.795 7	-0.002 9
15 ← 14	77 721.553 6	0.007 5
16 ← 15	82 902.153 3	0.012 2
17 ← 16	88 082.573 7	0.000 2
18 ← 17	93 262.836 0	0.002 7
19 ← 18	98 442.913 1	0.002 6
20 ← 19	103 622.790 3	-0.004 7
21 ← 20	108 802.472 2	-0.004 6
22 ← 21	113 981.941 7	-0.004 1
23 ← 22		
31 ← 30	160 585.959 0	-0.000 3
32 ← 31	165 762.761 7	0.004 5
33 ← 32	170 939.237 7	0.003 6
34 ← 33	176 115.372 2	-0.008 2
41 ← 40	212 338.345 9	0.003 7
42 ← 41	217 511.498 7	-0.000 9
43 ← 42	222 684.242 5	0.001 4
44 ← 43	227 856.554 4	-0.002 8

$(3\nu_5^3)^{3f}$

10 ← 9	52 037.921 8	0.000 6
11 ← 10	57 241.289 4	0.002 9
12 ← 11	62 444.537 9	0.008 0

	$13 \leftarrow 12$	67 647.632 1	-0.008 2		$13 \leftarrow 12$	67 647.632 1	-0.008 2
	$14 \leftarrow 13$	72 850.609 3	0.002 7		$14 \leftarrow 13$	72 850.609 3	0.002 7
	$15 \leftarrow 14$	78 053.432 0	0.014 1		$15 \leftarrow 14$	78 053.432 0	0.014 1
	$16 \leftarrow 15$	83 256.081 9	0.018 8		$16 \leftarrow 15$	83 256.081 9	0.018 8
	$17 \leftarrow 16$	88 458.526 7	-0.004 4		$17 \leftarrow 16$	88 458.526 7	-0.004 4
	$18 \leftarrow 17$	93 660.805 7	-0.005 1		$18 \leftarrow 17$	93 660.805 7	-0.005 1
	$19 \leftarrow 18$	98 862.888 3	-0.003 1		$19 \leftarrow 18$	98 862.888 3	-0.003 1
	$20 \leftarrow 19$	104 064.748 2	-0.013 5		$20 \leftarrow 19$	104 064.748 2	-0.013 5
	$21 \leftarrow 20$	109 266.396 0	-0.014 7		$21 \leftarrow 20$	109 266.396 0	-0.014 7
	$22 \leftarrow 21$	114 467.828 6	0.001 1		$22 \leftarrow 21$	114 467.828 6	0.001 1
	$31 \leftarrow 30$	161 268.324 2	0.007 8		$31 \leftarrow 30$	161 268.324 2	0.007 8
	$32 \leftarrow 31$	166 466.795 6	-0.012 1		$32 \leftarrow 31$	166 466.795 6	-0.012 1
	$33 \leftarrow 32$	171 664.977 6	0.031 2		$33 \leftarrow 32$	171 664.977 6	0.031 2
	$34 \leftarrow 33$	176 862.724 9	0.003 3		$34 \leftarrow 33$	176 862.724 9	0.003 3
	$41 \leftarrow 40$	213 236.058 6	-0.003 5		$41 \leftarrow 40$	213 236.058 6	-0.003 5
	$42 \leftarrow 41$	218 430.546 4	0.006 0		$42 \leftarrow 41$	218 430.546 4	0.006 0
	$43 \leftarrow 42$	223 624.558 1	0.000 0		$43 \leftarrow 42$	223 624.558 1	0.000 0
	$44 \leftarrow 43$	228 818.101 0	-0.003 6		$44 \leftarrow 43$	228 818.101 0	-0.003 6
$(4\nu_5^0)^{0e}$							
	$11 \leftarrow 10$	56 878.745 9	0.067 1 *				
	$12 \leftarrow 11$	62 049.261 1	0.009 2				
	$13 \leftarrow 12$	67 219.751 4	-0.017 3				
	$14 \leftarrow 13$	72 390.219 4	-0.005 2				
	$15 \leftarrow 14$	77 560.622 0	0.007 1				
	$16 \leftarrow 15$	82 730.946 3	0.011 4				
	$17 \leftarrow 16$	87 901.178 6	-0.001 5				
	$18 \leftarrow 17$	93 071.345 6	-0.000 2				
	$19 \leftarrow 18$	98 241.432 6	0.005 3				
	$20 \leftarrow 19$	103 411.417 5	-0.002 6				
	$21 \leftarrow 20$	108 581.313 2	-0.006 4				
	$22 \leftarrow 21$	113 751.122 1	0.001 0				
	$23 \leftarrow 22$	118 920.817 9	-0.002 1				
	$31 \leftarrow 30$	160 274.173 9	0.000 5				
	$32 \leftarrow 31$	165 442.753 4	0.008 4				
	$33 \leftarrow 32$	170 611.170 6	0.001 8				
	$34 \leftarrow 33$	175 779.435 2	-0.005 2				
	$41 \leftarrow 40$	211 952.711 7	0.000 6				
	$42 \leftarrow 41$	217 119.606 7	-0.000 7				
	$43 \leftarrow 42$	222 286.484 6	0.172 3 *				
	$44 \leftarrow 43$	227 452.821 6	0.000 1				
$(4\nu_5^2)^{2e}$				$(4\nu_5^2)^{2f}$			
	$13 \leftarrow 12$	67 580.251 7	-0.040 0 *		$13 \leftarrow 12$	67 580.845 0	0.010 1 *
	$14 \leftarrow 13$	72 778.054 5	-0.014 0		$14 \leftarrow 13$	72 778.759 0	0.010 9
	$15 \leftarrow 14$	77 975.698 2	0.010 1		$15 \leftarrow 14$	77 976.535 1	0.009 8
	$16 \leftarrow 15$	83 173.150 0	0.010 8		$16 \leftarrow 15$	83 174.166 3	0.009 5
	$17 \leftarrow 16$	88 370.424 0	0.013 3		$17 \leftarrow 16$	88 371.626 0	-0.007 0
	$18 \leftarrow 17$	93 567.491 0	-0.000 3		$18 \leftarrow 17$	93 568.943 5	-0.000 7
	$19 \leftarrow 18$	98 764.368 1	-0.001 6		$19 \leftarrow 18$	98 766.078 7	-0.002 0
	$20 \leftarrow 19$	103 961.027 0	-0.007 6		$20 \leftarrow 19$	103 963.024 9	-0.008 1
	$21 \leftarrow 20$	109 157.462 3	-0.012 6		$21 \leftarrow 20$	109 159.779 2	-0.012 3
	$22 \leftarrow 21$	114 353.677 9	-0.001 3		$22 \leftarrow 21$	114 356.345 5	-0.001 0
	$31 \leftarrow 30$	161 107.037 5	-0.002 6		$31 \leftarrow 30$	161 114.616 5	0.008 6
	$32 \leftarrow 31$	166 300.256 9	-0.007 6		$32 \leftarrow 31$	166 308.579 1	-0.024 2
	$33 \leftarrow 32$	171 493.158 8	0.030 0		$33 \leftarrow 32$	171 502.322 5	0.031 9
	$34 \leftarrow 33$	176 685.631 9	0.010 2		$34 \leftarrow 33$	176 695.667 9	0.007 6
	$41 \leftarrow 40$	213 021.711 8	-0.006 8		$41 \leftarrow 40$	213 039.576 6	0.003 1
	$42 \leftarrow 41$	218 210.832 6	0.001 2		$42 \leftarrow 41$	218 230.064 0	-0.003 4
	$43 \leftarrow 42$	223 399.471 7	0.001 1		$43 \leftarrow 42$	223 420.160 5	0.000 3
	$44 \leftarrow 43$	228 587.625 9	0.001 2		$44 \leftarrow 43$	228 609.841 8	-0.000 9

$(4\nu_5^4)^{4e}$

10 ← 9	52 237.040 4	-0.008 9
11 ← 10	57 460.329 4	-0.002 3
12 ← 11	62 683.496 1	0.002 8
13 ← 12	67 906.511 8	-0.011 5
14 ← 13	73 129.408 2	-0.002 5
15 ← 14	78 352.158 5	0.014 0
16 ← 15	83 574.725 8	0.012 0
17 ← 16	88 797.111 3	0.003 5
18 ← 17	94 019.320 4	0.005 0
19 ← 18	99 241.321 1	-0.004 7
20 ← 19	104 463.122 1	-0.005 9
21 ← 20	109 684.703 8	-0.007 3
22 ← 21	114 906.066 1	0.001 8
31 ← 30	161 886.109 4	0.006 1
32 ← 31	167 104.564 8	0.004 6
33 ← 32	172 322.675 2	0.007 2
34 ← 33	177 540.404 1	-0.012 0
41 ← 40	214 053.675 2	-0.001 7
42 ← 41	219 268.164 0	0.003 0
43 ← 42	224 482.185 9	-0.003 2
44 ← 43	229 695.752 4	0.001 7

$(4\nu_5^4)^{4f}$

10 ← 9	52 237.040 4	-0.008 9
11 ← 10	57 460.329 4	-0.002 3
12 ← 11	62 683.496 1	0.002 8
13 ← 12	67 906.511 8	-0.011 5
14 ← 13	73 129.408 2	-0.002 5
15 ← 14	78 352.158 5	0.014 0
16 ← 15	83 574.725 8	0.012 0
17 ← 16	88 797.111 3	0.003 5
18 ← 17	94 019.320 4	0.005 0
19 ← 18	99 241.321 1	-0.004 7
20 ← 19	104 463.122 1	-0.005 9
21 ← 20	109 684.703 8	-0.007 3
22 ← 21	114 906.066 1	0.001 8
31 ← 30	161 886.109 4	0.006 1
32 ← 31	167 104.564 8	0.004 6
33 ← 32	172 322.675 2	0.007 2
34 ← 33	177 540.404 1	-0.012 0
41 ← 40	214 053.675 2	-0.001 7
42 ← 41	219 268.164 0	0.003 0
43 ← 42	224 482.185 9	-0.003 2
44 ← 43	229 695.752 4	0.001 7

$(5\nu_5^1)^{1e}$

10 ← 9		
11 ← 10	57 043.683 2	0.043 8 *
12 ← 11	62 229.109 3	0.005 3
13 ← 12	67 414.474 0	-0.011 1
14 ← 13	72 599.768 0	-0.007 6
15 ← 14	77 784.973 3	0.004 6
16 ← 15	82 970.065 1	0.007 7
17 ← 16	88 155.036 5	0.001 6
18 ← 17	93 339.894 7	0.000 4
19 ← 18	98 524.636 4	0.007 8
20 ← 19	103 709.225 0	-0.006 1
21 ← 20	108 893.687 6	-0.007 2
22 ← 21	114 078.014 8	0.001 8
31 ← 30	160 729.215 0	0.009 3
32 ← 31	165 911.754 1	0.058 4 *
33 ← 32	171 093.975 4	0.009 3
34 ← 33	176 276.005 3	-0.004 8
41 ← 40	212 543.431 7	0.000 4
42 ← 41	217 723.427 2	-0.002 4
43 ← 42	222 903.136 2	-0.007 0
44 ← 43	228 082.573 1	0.007 4

$(5\nu_5^1)^{1f}$

10 ← 9	52 134.718 3	0.049 0 *
11 ← 10	57 347.840 1	0.012 6 *
12 ← 11	62 560.902 6	0.005 2
13 ← 12	67 773.859 2	-0.012 1
14 ← 13	72 986.741 8	0.000 9
15 ← 14	78 199.512 0	0.013 6
16 ← 15	83 412.146 9	0.011 2
17 ← 16	88 624.630 2	-0.014 7
18 ← 17	93 837.019 6	0.001 6
19 ← 18	99 049.249 5	0.002 4
20 ← 19	104 261.316 7	-0.007 4
21 ← 20	109 473.234 0	-0.007 2
22 ← 21	114 684.996 0	0.005 7
31 ← 30	161 581.870 0	-0.000 5
32 ← 31	166 791.504 4	-0.001 2
33 ← 32	172 000.890 5	0.004 4
34 ← 33	177 210.013 5	0.009 4
41 ← 40	213 665.825 3	-0.001 1
42 ← 41	218 872.561 1	-0.003 5
43 ← 42	224 078.973 4	0.002 9
44 ← 43	229 285.036 7	0.000 2

$(5\nu_5^3)^{3e}$

10 ← 9	52 228.184 8	0.000 9
11 ← 10	57 450.598 9	0.002 6
12 ← 11	62 672.899 3	0.006 6
13 ← 12	67 895.052 7	-0.009 9
14 ← 13	73 117.097 0	0.001 5
15 ← 14	78 338.996 4	0.015 5
16 ← 15	83 560.724 0	0.015 8
17 ← 16	88 782.258 4	-0.008 6
18 ← 17	94 003.644 9	-0.001 9
19 ← 18	99 224.839 8	0.002 9
20 ← 19	104 445.816 8	-0.010 3
21 ← 20	109 666.598 5	-0.008 2
22 ← 21	114 887.161 5	-0.003 8
31 ← 30	161 860.466 6	-0.056 3

$(5\nu_5^3)^{3f}$

10 ← 9	52 228.184 8	0.000 9
11 ← 10	57 450.598 9	0.002 6
12 ← 11	62 672.899 3	0.006 6
13 ← 12	67 895.052 7	-0.009 9
14 ← 13	73 117.097 0	0.001 5
15 ← 14	78 338.996 4	0.015 5
16 ← 15	83 560.724 0	0.015 8
17 ← 16	88 782.258 4	-0.008 6
18 ← 17	94 003.644 9	-0.001 9
19 ← 18	99 224.839 8	0.002 9
20 ← 19	104 445.816 8	-0.010 3
21 ← 20	109 666.598 5	-0.008 2
22 ← 21	114 887.161 5	-0.003 8
31 ← 30	161 860.466 6	-0.056 3

	32 ← 31	167 078.304 6	0.007 5
	33 ← 32	172 295.741 3	0.005 7
	34 ← 33	177 512.882 6	0.054 6
	41 ← 40	214 021.920 0	0.003 1
	42 ← 41	219 235.865 5	-0.003 6
	43 ← 42	224 449.388 4	0.005 9
	44 ← 43	229 662.440 6	-0.006 2
$(5\nu_5^5)^{5e}$			
	10 ← 9	52 430.362 5	0.004 4
	11 ← 10	57 672.948 1	-0.023 6 *
	12 ← 11	62 915.465 2	0.000 4
	13 ← 12	68 157.812 3	-0.014 1
	14 ← 13	73 400.043 7	-0.001 9
	15 ← 14	78 642.123 3	0.012 0
	16 ← 15	83 884.024 1	0.011 3
	17 ← 16	89 125.746 4	0.007 4
	18 ← 17	94 367.287 5	0.008 3
	19 ← 18	99 608.624 6	0.002 3
	20 ← 19	104 849.754 8	-0.002 7
	21 ← 20	110 090.643 3	-0.030 5
	22 ← 21	115 331.360 1	-0.000 4
	31 ← 30	162 485.434 9	0.019 6
	32 ← 31	167 723.226 2	0.017 0
	33 ← 32	172 960.638 8	-0.015 6
	34 ← 33	178 197.744 8	0.004 5
	41 ← 40	214 846.380 6	-0.000 3
	42 ← 41	220 080.211 7	0.004 5
	43 ← 42	225 313.573 9	-0.004 4
$(6\nu_5^0)^{0e}$			
	10 ← 9	52 130.551 4	-0.000 6
	11 ← 10	57 343.563 3	0.052 0 *
	12 ← 11	62 556.448 7	0.005 4
	13 ← 12	67 769.330 5	-0.015 1
	14 ← 13	72 982.212 9	-0.003 0
	15 ← 14	78 195.060 8	0.008 9
	16 ← 15	83 407.860 9	0.009 8
	17 ← 16	88 620.609 7	-0.001 6
	18 ← 17	93 833.329 7	-0.000 4
	19 ← 18	99 046.003 9	-0.001 4
	20 ← 19	104 258.628 5	-0.006 1
	21 ← 20	109 471.209 7	-0.006 1
	22 ← 21	114 683.757 2	0.010 5
	31 ← 30	161 593.908 6	-0.000 9
	32 ← 31	166 805.822 3	0.001 1
	33 ← 32	172 017.658 4	-0.001 4
	34 ← 33	177 229.417 1	-0.006 2
	41 ← 40	213 709.500 2	0.001 0
	42 ← 41	218 920.586 4	-0.004 3
	43 ← 42	224 131.598 0	0.008 9
	44 ← 43	229 342.487 6	-0.004 8
$(6\nu_5^2)^{2e}$			
	11 ← 10	57 476.408 7	0.023 2 *
	12 ← 11	62 700.873 7	-0.011 6 *
	13 ← 12	67 925.201 3	-0.020 4
	14 ← 13	73 149.379 7	-0.001 3
	15 ← 14	78 373.361 2	0.011 6
	16 ← 15	83 597.124 3	0.010 4
	17 ← 16	88 820.666 0	0.005 8
	18 ← 17	94 043.977 7	0.003 0

	32 ← 31	167 078.304 6	0.007 5
	33 ← 32	172 295.741 3	0.005 7
	34 ← 33	177 512.882 6	0.054 6
	41 ← 40	214 021.920 0	0.003 1
	42 ← 41	219 235.865 5	-0.003 6
	43 ← 42	224 449.388 4	0.005 9
	44 ← 43	229 662.440 6	-0.006 2
$(5\nu_5^5)^{5f}$			
	10 ← 9	52 430.362 5	0.004 4
	11 ← 10	57 672.948 1	-0.023 6 *
	12 ← 11	62 915.465 2	0.000 4
	13 ← 12	68 157.812 3	-0.014 1
	14 ← 13	73 400.043 7	-0.001 9
	15 ← 14	78 642.123 3	0.012 0
	16 ← 15	83 884.024 1	0.011 3
	17 ← 16	89 125.746 4	0.007 4
	18 ← 17	94 367.287 5	0.008 3
	19 ← 18	99 608.624 6	0.002 3
	20 ← 19	104 849.754 8	-0.002 7
	21 ← 20	110 090.643 3	-0.030 5
	22 ← 21	115 331.360 1	-0.000 4
	31 ← 30	162 485.434 9	0.019 6
	32 ← 31	167 723.226 2	0.017 0
	33 ← 32	172 960.638 8	-0.015 6
	34 ← 33	178 197.744 8	0.004 5
	41 ← 40	214 846.380 6	-0.000 3
	42 ← 41	220 080.211 7	0.004 5
	43 ← 42	225 313.573 9	-0.004 4
$(6\nu_5^2)^{2f}$			
	11 ← 10	57 477.562 1	0.024 5 *
	12 ← 11	62 702.374 4	-0.009 3 *
	13 ← 12	67 927.115 3	-0.014 1
	14 ← 13	73 151.764 1	-0.002 5
	15 ← 14	78 376.296 4	0.009 6
	16 ← 15	83 600.692 1	0.010 3
	17 ← 16	88 824.939 5	-0.003 7
	18 ← 17	94 049.066 0	0.003 3

	19 ← 18	99 267.045 6	0.001 7
	20 ← 19	104 489.844 3	-0.009 7
	21 ← 20	109 712.388 2	-0.003 2
	22 ← 21	114 934.639 8	-0.002 5
	31 ← 30	161 919.747 4	0.006 4
	32 ← 31	167 138.365 9	-0.004 7
	33 ← 32	172 356.558 3	-0.003 8
	34 ← 33	177 574.336 7	0.035 1
	41 ← 40	214 084.646 3	-0.009 3
	42 ← 41	219 298.273 7	-0.004 6
	43 ← 42	224 511.327 4	0.003 9
	44 ← 43	229 723.781 8	0.004 7
$(6\nu_5^4)^{4e}$			
	10 ← 9	52 447.672 5	-0.006 9
	11 ← 10	57 692.033 4	-0.002 3
	12 ← 11	62 936.278 7	0.004 3
	13 ← 12	68 180.372 8	-0.012 1
	14 ← 13	73 424.354 1	-0.002 3
	15 ← 14	78 668.190 9	0.012 4
	16 ← 15	83 911.851 3	0.011 0
	17 ← 16	89 155.332 4	0.001 2
	18 ← 17	94 398.645 5	0.004 8
	19 ← 18	99 641.752 5	-0.005 5
	20 ← 19	104 884.665 9	-0.006 8
	21 ← 20	110 127.369 0	-0.004 9
	22 ← 21	115 369.855 7	0.004 5
	31 ← 30	162 540.348 8	0.024 2
	32 ← 31	167 779.998 9	0.017 5
	33 ← 32	173 019.268 3	-0.030 1
	34 ← 33	178 258.242 0	-0.023 1
	41 ← 40	214 920.356 7	0.009 8
	42 ← 41	220 156.131 8	-0.004 3
	43 ← 42	225 391.479 4	-0.002 2
$(6\nu_5^6)^{6e}$			
	10 ← 9	52 618.282 4	0.001 3
	11 ← 10	57 879.691 1	0.006 0
	12 ← 11	63 140.927 0	-0.041 1 *
	13 ← 12	68 402.102 9	-0.016 1
	14 ← 13	73 663.120 5	-0.006 3
	15 ← 14	78 923.989 7	0.009 2
	16 ← 15	84 184.674 6	0.005 5
	17 ← 16	89 445.185 0	0.003 3
	18 ← 17	94 705.511 7	0.004 4
	19 ← 18	99 965.630 4	-0.004 5
	20 ← 19	105 225.548 5	-0.005 2
	21 ← 20	110 485.249 7	-0.002 8
	22 ← 21	115 744.723 9	0.003 3
	31 ← 30	163 067.750 0	0.004 2
	32 ← 31	168 324.312 6	0.006 7
	33 ← 32	173 580.503 1	-0.012 4
	34 ← 33	178 836.383 7	0.020 0
	40 ← 39	210 363.257 3	-0.001 7
	41 ← 40	215 616.266 3	-0.009 1
	42 ← 41	220 868.848 0	0.003 7
	43 ← 42	226 120.958 9	0.003 9
$(7\nu_5^1)^{1e}$			
	10 ← 9	52 174.038 7	0.102 7 *
	11 ← 10	57 391.131 0	0.030 1 *
	12 ← 11	62 608.204 7	0.004 2

	19 ← 18	99 273.034 6	0.002 5
	20 ← 19	104 496.837 2	-0.005 8
	21 ← 20	109 720.484 8	-0.002 4
	22 ← 21	114 943.960 2	0.003 8
	31 ← 30	161 945.946 7	0.001 1
	32 ← 31	167 167.219 2	0.006 6
	33 ← 32	172 388.209 1	-0.005 3
	34 ← 33	177 608.917 3	-0.025 6
	41 ← 40	214 145.737 4	0.025 5 *
	42 ← 41	219 363.977 6	0.013 7
	43 ← 42	224 581.865 0	-0.005 3
	44 ← 43	229 799.418 7	-0.004 5
$(6\nu_5^4)^{4f}$			
	10 ← 9	52 447.672 5	-0.006 9
	11 ← 10	57 692.033 4	-0.002 3
	12 ← 11	62 936.278 7	0.004 3
	13 ← 12	68 180.372 8	-0.012 1
	14 ← 13	73 424.354 1	-0.002 3
	15 ← 14	78 668.190 9	0.012 4
	16 ← 15	83 911.851 3	0.011 0
	17 ← 16	89 155.332 4	0.001 2
	18 ← 17	94 398.645 5	0.004 8
	19 ← 18	99 641.752 5	-0.005 5
	20 ← 19	104 884.665 9	-0.006 8
	21 ← 20	110 127.369 0	-0.004 9
	22 ← 21	115 369.855 7	0.004 5
	31 ← 30	162 540.348 8	0.024 2
	32 ← 31	167 779.998 9	0.017 5
	33 ← 32	173 019.268 3	-0.030 1
	34 ← 33	178 258.242 0	-0.023 1
	41 ← 40	214 920.356 7	0.009 8
	42 ← 41	220 156.131 8	-0.004 3
	43 ← 42	225 391.479 4	-0.002 2
$(6\nu_5^6)^{6f}$			
	10 ← 9	52 618.282 4	0.001 3
	11 ← 10	57 879.691 1	0.006 0
	12 ← 11	63 140.927 0	-0.041 1 *
	13 ← 12	68 402.102 9	-0.016 1
	14 ← 13	73 663.120 5	-0.006 3
	15 ← 14	78 923.989 7	0.009 2
	16 ← 15	84 184.674 6	0.005 5
	17 ← 16	89 445.185 0	0.003 3
	18 ← 17	94 705.511 7	0.004 4
	19 ← 18	99 965.630 4	-0.004 5
	20 ← 19	105 225.548 5	-0.005 2
	21 ← 20	110 485.249 7	-0.002 8
	22 ← 21	115 744.723 9	0.003 3
	31 ← 30	163 067.750 0	0.004 2
	32 ← 31	168 324.312 6	0.006 7
	33 ← 32	173 580.503 1	-0.012 4
	34 ← 33	178 836.383 7	0.020 0
	40 ← 39	210 363.257 3	-0.001 7
	41 ← 40	215 616.266 3	-0.009 1
	42 ← 41	220 868.848 0	0.003 7
	43 ← 42	226 120.958 9	0.003 9
$(7\nu_5^1)^{1f}$			
	10 ← 9	52 507.223 2	0.041 5 *
	11 ← 10	57 757.629 6	0.007 3 *
	12 ← 11	63 007.991 2	0.007 7

	13 ← 12	67 825.215 0	-0.014 0
	14 ← 13	73 042.181 0	0.000 6
	15 ← 14	78 259.060 3	0.011 4
	16 ← 15	83 475.837 4	0.008 8
	17 ← 16	88 692.517 0	0.003 3
	18 ← 17	93 909.101 3	0.003 0
	19 ← 18	99 125.578 9	0.002 2
	20 ← 19	104 341.935 9	-0.007 1
	21 ← 20	109 558.182 6	-0.008 9
	22 ← 21	114 774.308 2	-0.008 1
	31 ← 30	161 712.930 9	-0.003 4
	32 ← 31	166 927.513 8	0.003 7
	33 ← 32	172 141.907 9	0.007 8
	34 ← 33	177 356.134 3	0.035 4
	41 ← 40	213 849.676 8	-0.005 6
	42 ← 41	219 062.152 2	-0.005 5
	43 ← 42	224 274.394 0	0.000 3
	44 ← 43	229 486.390 7	0.005 5
$(7\nu_5^3)^{3e}$			
	10 ← 9	52 479.590 9	-0.002 3
	11 ← 10	57 727.175 1	0.002 9
	12 ← 11	62 974.648 6	0.006 4
	13 ← 12	68 221.982 2	-0.010 9
	14 ← 13	73 469.214 5	-0.000 3
	15 ← 14	78 716.306 3	0.009 1
	16 ← 15	83 963.282 7	0.052 8 *
	17 ← 16	89 209.994 5	-0.008 4
	18 ← 17	94 456.606 4	0.000 7
	19 ← 18	99 703.025 2	-0.002 9
	20 ← 19	104 949.255 6	-0.004 0
	21 ← 20	110 195.288 8	-0.001 1
	22 ← 21	115 441.121 4	0.013 1
	31 ← 30	162 642.186 0	0.000 1
	32 ← 31	167 885.306 1	0.008 2
	33 ← 32	173 128.053 2	-0.026 3
	34 ← 33	178 370.442 0	-0.077 6 *
	41 ← 40	215 057.114 1	0.001 5
	42 ← 41	220 296.429 5	0.005 6
	43 ← 42	225 535.289 5	-0.005 1
$(7\nu_5^5)^{5e}$			
	10 ← 9	52 652.713 4	0.009 8
	11 ← 10	57 917.544 9	-0.011 7 *
	12 ← 11	63 182.293 7	0.003 4
	13 ← 12	68 446.885 2	-0.008 8
	14 ← 13	73 711.356 3	-0.000 5
	15 ← 14	78 975.681 6	0.013 7
	16 ← 15	84 239.825 5	0.009 0
	17 ← 16	89 503.797 4	0.005 6
	18 ← 17	94 767.588 1	0.005 2
	19 ← 18	100 031.176 3	-0.002 9
	20 ← 19	105 294.566 6	-0.003 1
	21 ← 20	110 557.722 2	-0.021 4
	22 ← 21	115 820.676 5	-0.013 8
	31 ← 30	163 175.205 0	0.000 1
	32 ← 31	168 435.287 2	0.000 6
	33 ← 32	173 695.073 8	0.050 9
	34 ← 33	178 954.412 5	0.009 5
	40 ← 39	210 502.602 2	-0.002 8
	41 ← 40	215 759.190 7	-0.002 2

	13 ← 12	68 258.248 6	-0.009 5
	14 ← 13	73 508.432 4	-0.006 4
	15 ← 14	78 758.530 8	0.012 5
	16 ← 15	84 008.501 6	0.012 4
	17 ← 16	89 258.344 5	0.000 1
	18 ← 17	94 508.079 2	0.002 7
	19 ← 18	99 757.675 1	-0.003 0
	20 ← 19	105 007.133 2	-0.008 8
	21 ← 20	110 256.452 6	-0.008 0
	22 ← 21	115 505.626 2	-0.000 5
	31 ← 30	162 740.036 7	0.009 3
	32 ← 31	167 987.263 9	0.006 8
	33 ← 32	173 234.231 3	-0.020 1
	34 ← 33	178 481.017 4	0.014 5
	41 ← 40	215 200.813 2	0.002 7
	42 ← 41	220 445.340 4	0.001 8
	43 ← 42	225 689.549 4	-0.004 0
	44 ← 43		
$(7\nu_5^3)^{3f}$			
	10 ← 9	52 479.590 9	-0.001 5
	11 ← 10	57 727.175 1	0.004 9
	12 ← 11	62 974.648 6	0.009 6
	13 ← 12	68 221.982 2	-0.006 5
	14 ← 13	73 469.214 5	0.005 1
	15 ← 14	78 716.306 3	0.015 3
	16 ← 15	83 963.282 7	0.058 9 *
	17 ← 16	89 209.994 5	-0.003 0
	18 ← 17	94 456.606 4	0.004 2
	19 ← 18	99 703.025 2	-0.002 6
	20 ← 19	104 949.255 6	-0.008 7
	21 ← 20	110 195.288 8	-0.012 8
	22 ← 21	115 441.121 4	-0.008 2
	31 ← 30	162 642.517 1	0.030 4
	32 ← 31	167 885.675 3	0.013 7
	33 ← 32	173 128.458 2	-0.056 5 *
	34 ← 33	178 371.039 7	0.004 3
	41 ← 40	215 058.491 2	-0.006 0
	42 ← 41	220 297.985 4	0.003 8
	43 ← 42	225 537.038 1	-0.000 5
$(7\nu_5^5)^{5f}$			
	10 ← 9	52 652.713 4	0.009 8
	11 ← 10	57 917.544 9	-0.011 7 *
	12 ← 11	63 182.293 7	0.003 4
	13 ← 12	68 446.885 2	-0.008 8
	14 ← 13	73 711.356 3	-0.000 5
	15 ← 14	78 975.681 6	0.013 7
	16 ← 15	84 239.825 5	0.009 0
	17 ← 16	89 503.797 4	0.005 6
	18 ← 17	94 767.588 1	0.005 2
	19 ← 18	100 031.176 3	-0.002 9
	20 ← 19	105 294.566 6	-0.003 1
	21 ← 20	110 557.722 2	-0.021 4
	22 ← 21	115 820.676 5	-0.013 8
	31 ← 30	163 175.205 0	0.000 1
	32 ← 31	168 435.287 2	0.000 6
	33 ← 32	173 695.073 8	0.050 9
	34 ← 33	178 954.412 5	0.009 5
	40 ← 39	210 502.602 2	-0.002 8
	41 ← 40	215 759.190 7	-0.002 2

	42 ← 41	221 015.336 4	-0.002 9
	43 ← 42	226 271.036 6	0.003 0
$(7\nu_5^7)^{7e}$			
	10 ← 9	52 801.447 0	0.004 2
	11 ← 10	58 081.163 2	0.004 3
	12 ← 11	63 360.763 1	0.010 5
	13 ← 12	68 640.249 9	0.036 9 *
	14 ← 13	73 919.514 2	-0.014 6
	15 ← 14	79 198.695 2	0.006 1
	16 ← 15	84 477.683 3	0.000 6
	17 ← 16	89 756.500 4	0.001 9
	18 ← 17	95 035.129 4	0.004 0
	19 ← 18	100 313.544 7	-0.007 8
	20 ← 19	105 591.761 2	-0.007 4
	21 ← 20	110 869.761 3	-0.001 3
	22 ← 21	116 147.528 2	0.004 6
	31 ← 30	163 635.060 9	-0.005 0
	32 ← 31	168 909.873 0	-0.017 6
	33 ← 32	174 184.363 7	0.002 4
	40 ← 39	211 094.841 7	0.013 0
	41 ← 40	216 366.076 2	0.000 8
	42 ← 41	221 636.864 8	-0.005 4
	43 ← 42	226 907.198 8	-0.003 7
$(8\nu_5^2)^{2e}$			
	10 ← 9	52 550.852 8	0.013 0 *
	11 ← 10	57 805.220 3	-0.021 2 *
	12 ← 11	63 059.432 8	-0.014 6 *
	13 ← 12	68 313.421 0	-0.018 5
	14 ← 13	73 567.190 5	-0.009 0
	15 ← 14	78 820.719 4	0.010 3
	16 ← 15	84 073.954 3	0.004 3
	17 ← 16	89 326.906 3	0.002 7
	18 ← 17	94 579.560 2	0.008 7
	19 ← 18	99 831.875 0	-0.000 1
	20 ← 19	105 083.853 7	-0.001 8
	21 ← 20	110 335.474 1	0.000 1
	22 ← 21	115 586.716 4	0.004 7
	31 ← 30	162 827.577 6	0.001 8
	32 ← 31	168 073.948 9	-0.008 8
	33 ← 32	173 319.744 5	-0.004 6
	34 ← 33	178 564.901 1	-0.030 1
	40 ← 39	210 022.200 8	0.005 7
	41 ← 40	215 262.605 3	0.005 1
	42 ← 41	220 502.254 5	0.001 6
	43 ← 42	225 741.130 2	-0.006 7
$(8\nu_5^4)^{4e}$			
	10 ← 9	52 701.098 6	-0.009 5
	11 ← 10	57 970.803 8	0.003 5
	12 ← 11	63 240.386 2	0.013 4
	13 ← 12	68 509.806 4	-0.008 5
	14 ← 13	73 779.112 5	-0.003 1
	15 ← 14	79 048.279 1	0.015 0
	16 ← 15	84 317.258 5	0.009 0
	17 ← 16	89 586.066 3	0.005 3
	18 ← 17	94 854.697 3	0.009 6
	19 ← 18	100 123.103 4	-0.015 3
	20 ← 19	105 391.332 1	-0.011 1
	21 ← 20	110 659.339 8	-0.010 6
	22 ← 21	115 927.127 7	-0.001 6

	42 ← 41	221 015.336 4	-0.002 9
	43 ← 42	226 271.036 6	0.003 0
$(7\nu_5^7)^{7f}$			
	10 ← 9	52 801.447 0	0.004 2
	11 ← 10	58 081.163 2	0.004 3
	12 ← 11	63 360.763 1	0.010 5
	13 ← 12	68 640.249 9	0.036 9 *
	14 ← 13	73 919.514 2	-0.014 6
	15 ← 14	79 198.695 2	0.006 1
	16 ← 15	84 477.683 3	0.000 6
	17 ← 16	89 756.500 4	0.001 9
	18 ← 17	95 035.129 4	0.004 0
	19 ← 18	100 313.544 7	-0.007 8
	20 ← 19	105 591.761 2	-0.007 4
	21 ← 20	110 869.761 3	-0.001 3
	22 ← 21	116 147.528 2	0.004 6
	31 ← 30	163 635.060 9	-0.005 0
	32 ← 31	168 909.873 0	-0.017 6
	33 ← 32	174 184.363 7	0.002 4
	40 ← 39	211 094.841 7	0.013 0
	41 ← 40	216 366.076 2	0.000 8
	42 ← 41	221 636.864 8	-0.005 4
	43 ← 42	226 907.198 8	-0.003 7
$(8\nu_5^2)^{2f}$			
	10 ← 9	52 552.800 1	0.032 1 *
	11 ← 10	57 807.846 7	0.027 1 *
	12 ← 11	63 062.813 8	0.007 3 *
	13 ← 12	68 317.712 0	-0.010 6
	14 ← 13	73 572.559 3	-0.002 6
	15 ← 14	78 827.332 8	0.014 7
	16 ← 15	84 081.991 5	0.006 4
	17 ← 16	89 336.561 2	0.004 5
	18 ← 17	94 591.032 3	0.005 8
	19 ← 18	99 845.386 7	-0.001 6
	20 ← 19	105 099.626 9	-0.008 7
	21 ← 20	110 353.753 9	-0.008 1
	22 ← 21	115 607.757 1	-0.004 0
	31 ← 30	162 886.940 2	0.011 8
	32 ← 31	168 139.290 1	0.002 5
	33 ← 32	173 391.445 7	0.000 3
	34 ← 33	178 643.416 4	0.021 2
	40 ← 39	210 150.333 3	-0.009 2
	41 ← 40	215 400.649 5	0.003 5
	42 ← 41	220 650.685 9	-0.001 9
	43 ← 42	225 900.465 1	0.003 3
$(8\nu_5^4)^{4f}$			
	10 ← 9	52 701.098 6	-0.009 5
	11 ← 10	57 970.803 8	0.003 5
	12 ← 11	63 240.386 2	0.013 4
	13 ← 12	68 509.806 4	-0.008 5
	14 ← 13	73 779.112 5	-0.003 1
	15 ← 14	79 048.279 1	0.015 0
	16 ← 15	84 317.258 5	0.009 0
	17 ← 16	89 586.066 3	0.005 3
	18 ← 17	94 854.697 3	0.009 6
	19 ← 18	100 123.103 4	-0.015 3
	20 ← 19	105 391.332 1	-0.011 1
	21 ← 20	110 659.339 8	-0.010 6
	22 ← 21	115 927.127 7	-0.001 6

	31 ← 30	163 325.066 0	-0.013 9
	32 ← 31	168 589.981 6	0.001 4
	33 ← 32	173 854.591 3	0.058 2
	40 ← 39	210 695.758 4	-0.008 2
	41 ← 40	215 957.152 2	0.001 4
	42 ← 41	221 218.089 3	-0.001 0
	43 ← 42	226 478.577 1	0.002 7
$(8\nu_5^6)^{6e}$			
	10 ← 9	52 847.361 2	0.003 5
	11 ← 10	58 131.675 5	0.006 6
	12 ← 11	63 415.806 2	-0.052 7 *
	13 ← 12	68 699.905 1	-0.011 5
	14 ← 13	73 983.826 1	-0.004 8
	15 ← 14	79 267.600 5	0.009 5
	16 ← 15	84 551.192 7	0.006 9
	17 ← 16	89 834.606 8	0.002 4
	18 ← 17	95 117.844 2	0.008 5
	19 ← 18	100 400.858 7	-0.010 1
	20 ← 19	105 683.686 8	-0.005 8
	21 ← 20	110 966.289 5	-0.006 8
	22 ← 21	116 248.672 0	0.003 2
	31 ← 30	163 777.810 5	-0.005 5
	32 ← 31	169 057.273 7	-0.002 4
	33 ← 32	174 336.392 3	0.007 3
	40 ← 39	211 279.405 6	0.000 4
	41 ← 40	216 555.320 0	0.004 8
	42 ← 41	221 830.777 7	0.000 9
	43 ← 42	227 105.774 5	-0.004 8
$(8\nu_5^8)^{8e}$			
	10 ← 9	52 980.457 1	0.007 1
	11 ← 10	58 278.066 9	0.005 7
	12 ← 11	63 575.557 0	0.008 7
	13 ← 12	68 872.897 2	-0.003 1
	14 ← 13	74 170.044 2	-0.061 7 *
	15 ← 14	79 467.149 9	-0.003 9
	16 ← 15	84 764.032 2	-0.000 5
	17 ← 16	90 060.734 0	0.002 4
	18 ← 17	95 357.242 0	0.003 0
	19 ← 18	100 653.528 4	-0.015 5
	20 ← 19	105 949.627 7	-0.007 2
	21 ← 20	111 245.501 2	0.000 2
	22 ← 21	116 541.135 2	0.004 4
	31 ← 30	164 189.335 7	0.011 1
	32 ← 31	169 481.999 9	0.022 0
	33 ← 32	174 774.257 8	-0.014 4
	40 ← 39	211 809.356 1	0.003 0
	41 ← 40	217 098.372 5	-0.005 4
	42 ← 41	222 386.945 3	0.000 9
	43 ← 42	227 675.042 4	0.000 8
$(9\nu_5^3)^{3e}$			
	10 ← 9	52 772.082 8	-0.006 0
	11 ← 10	58 048.835 3	-0.006 3
	12 ← 11	63 325.459 6	-0.004 3
	13 ← 12	68 601.927 1	-0.016 5
	14 ← 13	73 878.263 8	-0.004 9
	15 ← 14	79 154.435 6	0.008 4
	16 ← 15	84 430.403 9	-0.003 1
	17 ← 16	89 706.206 6	0.010 6
	18 ← 17	94 981.803 4	0.021 5

	31 ← 30	163 325.066 0	-0.013 9
	32 ← 31	168 589.981 6	0.001 4
	33 ← 32	173 854.591 3	0.058 2
	40 ← 39	210 695.758 4	-0.008 2
	41 ← 40	215 957.152 2	0.001 4
	42 ← 41	221 218.089 3	-0.001 0
	43 ← 42	226 478.577 1	0.002 7
$(8\nu_5^6)^{6f}$			
	10 ← 9	52 847.361 2	0.003 5
	11 ← 10	58 131.675 5	0.006 6
	12 ← 11	63 415.806 2	-0.052 7 *
	13 ← 12	68 699.905 1	-0.011 5
	14 ← 13	73 983.826 1	-0.004 8
	15 ← 14	79 267.600 5	0.009 5
	16 ← 15	84 551.192 7	0.006 9
	17 ← 16	89 834.606 8	0.002 4
	18 ← 17	95 117.844 2	0.008 5
	19 ← 18	100 400.858 7	-0.010 1
	20 ← 19	105 683.686 8	-0.005 8
	21 ← 20	110 966.289 5	-0.006 8
	22 ← 21	116 248.672 0	0.003 2
	31 ← 30	163 777.810 5	-0.005 5
	32 ← 31	169 057.273 7	-0.002 4
	33 ← 32	174 336.392 3	0.007 3
	40 ← 39	211 279.405 6	0.000 4
	41 ← 40	216 555.320 0	0.004 8
	42 ← 41	221 830.777 7	0.000 9
	43 ← 42	227 105.774 5	-0.004 8
$(8\nu_5^8)^{8f}$			
	10 ← 9	52 980.457 1	0.007 1
	11 ← 10	58 278.066 9	0.005 7
	12 ← 11	63 575.557 0	0.008 7
	13 ← 12	68 872.897 2	-0.003 1
	14 ← 13	74 170.044 2	-0.061 7 *
	15 ← 14	79 467.149 9	-0.003 9
	16 ← 15	84 764.032 2	-0.000 5
	17 ← 16	90 060.734 0	0.002 4
	18 ← 17	95 357.242 0	0.003 0
	19 ← 18	100 653.528 4	-0.015 5
	20 ← 19	105 949.627 7	-0.007 2
	21 ← 20	111 245.501 2	0.000 2
	22 ← 21	116 541.135 2	0.004 4
	31 ← 30	164 189.335 7	0.011 1
	32 ← 31	169 481.999 9	0.022 0
	33 ← 32	174 774.257 8	-0.014 4
	40 ← 39	211 809.356 1	0.003 0
	41 ← 40	217 098.372 5	-0.005 4
	42 ← 41	222 386.945 3	0.000 9
	43 ← 42	227 675.042 4	0.000 8
$(9\nu_5^3)^{3f}$			
	10 ← 9	52 772.082 8	0.013 4
	11 ← 10	58 048.835 3	0.012 6
	12 ← 11	63 325.459 6	0.012 9
	13 ← 12	68 601.927 1	-0.002 5
	14 ← 13	73 878.263 8	0.004 0
	15 ← 14	79 154.435 6	0.009 7
	16 ← 15	84 430.403 9	-0.012 3
	17 ← 16	89 706.206 6	-0.012 5
	18 ← 17	94 981.803 4	-0.019 9

	19 ← 18	100 257.173 0	0.020 4 *
	20 ← 19	105 532.328 4	0.032 6 *
	21 ← 20	110 807.256 1	0.056 8 *
	22 ← 21	116 081.927 7	0.077 2 *
	31 ← 30	163 540.297 0	0.001 2
	32 ← 31	168 811.693 7	-0.038 6
	33 ← 32	174 082.771 7	-0.004 7
	40 ← 39	210 967.985 4	0.003 3
	41 ← 40	216 235.410 8	0.005 2
	42 ← 41	221 502.313 8	-0.000 9
	43 ← 42	226 768.692 1	-0.003 5
$(9\nu_5^5)^{5e}$			
	10 ← 9	52 902.901 2	0.010 6
	11 ← 10	58 192.732 5	-0.017 8 *
	12 ← 11	63 482.488 2	0.000 9
	13 ← 12	68 772.078 3	-0.012 1
	14 ← 13	74 061.545 8	-0.002 7
	15 ← 14	79 350.861 4	0.011 1
	16 ← 15	84 640.001 7	0.016 9
	17 ← 16	89 928.939 2	-0.001 3
	18 ← 17	95 217.712 7	0.006 2
	19 ← 18	100 506.258 3	-0.013 1
	20 ← 19	105 794.613 3	-0.010 8
	21 ← 20	111 082.750 6	-0.002 7
	22 ← 21	116 370.647 4	-0.000 5
	31 ← 30	163 949.269 9	-0.010 0
	32 ← 31	169 234.180 9	-0.026 9
	33 ← 32	174 518.818 6	0.041 7
	40 ← 39	211 499.760 8	0.003 9
	41 ← 40	216 781.047 9	0.002 7
	42 ← 41	222 061.870 6	-0.001 4
	43 ← 42	227 342.221 7	-0.004 0
$(9\nu_5^7)^{7e}$			
	10 ← 9	53 034.048 6	0.004 1
	11 ← 10	58 337.022 1	0.005 9
	12 ← 11	63 639.874 0	0.009 7
	13 ← 12	68 942.607 6	0.030 0 *
	14 ← 13	74 245.128 5	-0.016 3
	15 ← 14	79 547.558 8	0.004 1
	16 ← 15	84 849.792 0	-0.004 2
	17 ← 16	90 151.856 4	-0.001 6
	18 ← 17	95 453.733 4	0.004 4
	19 ← 18	100 755.386 8	-0.011 1
	20 ← 19	106 056.852 7	-0.000 9
	21 ← 20	111 358.093 0	0.008 2
	22 ← 21	116 659.083 3	0.002 8
	30 ← 29	159 057.234 6	0.006 4
	31 ← 30	164 355.591 6	-0.011 0
	32 ← 31	169 653.626 9	-0.003 3
	33 ← 32	174 951.283 3	-0.016 7
	40 ← 39	212 024.054 1	0.011 3
	41 ← 40	217 318.455 5	0.002 3
	42 ← 41	222 612.397 2	-0.009 6
	43 ← 42	227 905.892 8	0.000 2
$(9\nu_5^9)^{9e}$			
	10 ← 9	53 155.848 6	0.002 3
	11 ← 10	58 470.994 9	0.005 7
	12 ← 11	63 786.014 1	0.008 0
	13 ← 12	69 100.876 3	-0.009 0

	19 ← 18	100 257.173 0	-0.044 3 *
	20 ← 19	105 532.328 4	-0.061 3 *
	21 ← 20	110 807.256 1	-0.073 0 *
	22 ← 21	116 081.927 7	-0.096 6 *
	31 ← 30	163 541.478 2	0.025 8
	32 ← 31	168 813.079 4	-0.016 6
	33 ← 32	174 084.387 6	0.012 6
	40 ← 39	210 972.245 5	0.000 9
	41 ← 40	216 240.240 5	0.005 8
	42 ← 41	221 507.764 7	-0.003 8
	43 ← 42	226 774.833 7	-0.002 6
$(9\nu_5^5)^{5f}$			
	10 ← 9	52 902.901 2	0.010 6
	11 ← 10	58 192.732 5	-0.017 8 *
	12 ← 11	63 482.488 2	0.000 9
	13 ← 12	68 772.078 3	-0.012 1
	14 ← 13	74 061.545 8	-0.002 7
	15 ← 14	79 350.861 4	0.011 1
	16 ← 15	84 640.001 7	0.016 9
	17 ← 16	89 928.939 2	-0.001 3
	18 ← 17	95 217.712 7	0.006 2
	19 ← 18	100 506.258 3	-0.013 1
	20 ← 19	105 794.613 3	-0.010 8
	21 ← 20	111 082.750 6	-0.002 7
	22 ← 21	116 370.647 4	-0.000 5
	31 ← 30	163 949.269 9	-0.010 0
	32 ← 31	169 234.180 9	-0.026 9
	33 ← 32	174 518.818 6	0.041 7
	40 ← 39	211 499.760 8	0.003 9
	41 ← 40	216 781.047 9	0.002 7
	42 ← 41	222 061.870 6	-0.001 4
	43 ← 42	227 342.221 7	-0.004 0
$(9\nu_5^7)^{7f}$			
	10 ← 9	53 034.048 6	0.004 1
	11 ← 10	58 337.022 1	0.005 9
	12 ← 11	63 639.874 0	0.009 7
	13 ← 12	68 942.607 6	0.030 0 *
	14 ← 13	74 245.128 5	-0.016 3
	15 ← 14	79 547.558 8	0.004 1
	16 ← 15	84 849.792 0	-0.004 2
	17 ← 16	90 151.856 4	-0.001 6
	18 ← 17	95 453.733 4	0.004 4
	19 ← 18	100 755.386 8	-0.011 1
	20 ← 19	106 056.852 7	-0.000 9
	21 ← 20	111 358.093 0	0.008 2
	22 ← 21	116 659.083 3	0.002 8
	30 ← 29	159 057.234 6	0.006 4
	31 ← 30	164 355.591 6	-0.011 0
	32 ← 31	169 653.626 9	-0.003 3
	33 ← 32	174 951.283 3	-0.016 7
	40 ← 39	212 024.054 1	0.011 3
	41 ← 40	217 318.455 5	0.002 3
	42 ← 41	222 612.397 2	-0.009 6
	43 ← 42	227 905.892 8	0.000 2
$(9\nu_5^9)^{9f}$			
	10 ← 9	53 155.848 6	0.002 3
	11 ← 10	58 470.994 9	0.005 7
	12 ← 11	63 786.014 1	0.008 0
	13 ← 12	69 100.876 3	-0.009 0

	14 ← 13	74 415.617 3	0.001 7
	15 ← 14	79 730.210 4	0.025 1 *
	16 ← 15	85 044.581 5	-0.001 7
	17 ← 16	90 358.792 5	-0.005 2
	18 ← 17	95 672.818 4	0.000 9
	19 ← 18	100 986.627 2	-0.004 0
	20 ← 19	106 300.224 1	-0.003 2
	21 ← 20	111 613.597 1	0.002 6
	22 ← 21	116 926.728 6	0.007 3
	30 ← 29	159 421.737 1	0.015 7
	31 ← 30	164 732.128 1	-0.046 6
	32 ← 31	170 042.277 5	0.003 2
	33 ← 32	175 352.012 0	0.002 9
	40 ← 39	212 509.003 7	0.009 9
	41 ← 40	217 815.404 1	-0.002 0
	42 ← 41	223 121.352 8	-0.000 2
	43 ← 42	228 426.819 1	-0.004 0
$(10\nu_5^4)^{4e}$			
	10 ← 9	52 965.355 0	-0.006 5
	11 ← 10	58 261.425 7	0.014 5
	12 ← 11	63 557.332 2	0.010 7
	13 ← 12	68 853.082 0	0.002 3
	14 ← 13	74 148.677 6	0.004 9
	15 ← 14	79 444.104 7	0.016 9
	16 ← 15	84 739.327 0	0.015 2
	17 ← 16	90 034.330 6	-0.001 1
	18 ← 17	95 329.143 4	0.008 9
	19 ← 18	100 623.695 9	-0.011 1
	20 ← 19	105 918.016 4	-0.019 5
	21 ← 20	111 212.086 4	-0.021 6
	22 ← 21	116 505.891 5	-0.018 3
	31 ← 30	164 135.737 1	0.021 9
	32 ← 31	169 426.091 4	0.031 9
	33 ← 32	174 715.996 0	0.015 7
	40 ← 39	211 732.338 2	0.008 9
	41 ← 40	217 018.325 9	-0.001 2
	42 ← 41	222 303.757 0	-0.008 6
	43 ← 42	227 588.433 4	-0.195 5 *
$(10\nu_5^6)^{6e}$			
	10 ← 9	53 096.251 6	0.006 8
	11 ← 10	58 405.440 5	0.011 3
	13 ← 12	69 023.389 3	-0.020 2
	14 ← 13	74 332.184 1	0.001 5
	15 ← 14	79 640.807 5	0.011 6
	16 ← 15	84 949.244 4	0.006 6
	17 ← 16	90 257.491 1	-0.006 0
	18 ← 17	95 565.568 2	0.005 7
	19 ← 18	100 873.409 3	-0.013 1
	20 ← 19	106 181.071 0	0.005 4
	21 ← 20	111 488.474 9	-0.005 9
	22 ← 21	116 795.654 1	-0.002 4
	30 ← 29	159 243.079 2	-0.009 5
	31 ← 30	164 547.621 3	0.019 4
	32 ← 31	169 851.779 9	0.016 7
	33 ← 32	175 155.540 9	-0.020 3
	40 ← 39	212 271.046 8	0.005 5
	41 ← 40	217 571.277 6	-0.255 3 *
	42 ← 41	222 871.557 0	-0.004 4
	43 ← 42	228 171.116 0	0.000 2

	14 ← 13	74 415.617 3	0.001 7
	15 ← 14	79 730.210 4	0.025 1 *
	16 ← 15	85 044.581 5	-0.001 7
	17 ← 16	90 358.792 5	-0.005 2
	18 ← 17	95 672.818 4	0.000 9
	19 ← 18	100 986.627 2	-0.004 0
	20 ← 19	106 300.224 1	-0.003 2
	21 ← 20	111 613.597 1	0.002 6
	22 ← 21	116 926.728 6	0.007 3
	30 ← 29	159 421.737 1	0.015 7
	31 ← 30	164 732.128 1	-0.046 6
	32 ← 31	170 042.277 5	0.003 2
	33 ← 32	175 352.012 0	0.002 9
	40 ← 39	212 509.003 7	0.009 9
	41 ← 40	217 815.404 1	-0.002 0
	42 ← 41	223 121.352 8	-0.000 2
	43 ← 42	228 426.819 1	-0.004 0
$(10\nu_5^4)^{4f}$			
	10 ← 9	52 965.355 0	-0.006 5
	11 ← 10	58 261.425 7	0.014 5
	12 ← 11	63 557.332 2	0.010 7
	13 ← 12	68 853.082 0	0.002 3
	14 ← 13	74 148.677 6	0.004 9
	15 ← 14	79 444.104 7	0.016 9
	16 ← 15	84 739.327 0	0.015 2
	17 ← 16	90 034.330 6	-0.001 1
	18 ← 17	95 329.143 4	0.008 9
	19 ← 18	100 623.695 9	-0.011 1
	20 ← 19	105 918.016 4	-0.019 5
	21 ← 20	111 212.086 4	-0.021 6
	22 ← 21	116 505.891 5	-0.018 3
	31 ← 30	164 135.737 1	0.021 9
	32 ← 31	169 426.091 4	0.031 9
	33 ← 32	174 715.996 0	0.015 7
	40 ← 39	211 732.338 2	0.008 9
	41 ← 40	217 018.325 9	-0.001 2
	42 ← 41	222 303.757 0	-0.008 6
	43 ← 42	227 588.433 4	-0.195 5 *
$(10\nu_5^6)^{6f}$			
	10 ← 9	53 096.251 6	0.006 8
	11 ← 10	58 405.440 5	0.011 3
	13 ← 12	69 023.389 3	-0.020 2
	14 ← 13	74 332.184 1	0.001 5
	15 ← 14	79 640.807 5	0.011 6
	16 ← 15	84 949.244 4	0.006 6
	17 ← 16	90 257.491 1	-0.006 0
	18 ← 17	95 565.568 2	0.005 7
	19 ← 18	100 873.409 3	-0.013 1
	20 ← 19	106 181.071 0	0.005 4
	21 ← 20	111 488.474 9	-0.005 9
	22 ← 21	116 795.654 1	-0.002 4
	30 ← 29	159 243.079 2	-0.009 5
	31 ← 30	164 547.621 3	0.019 4
	32 ← 31	169 851.779 9	0.016 7
	33 ← 32	175 155.540 9	-0.020 3
	40 ← 39	212 271.046 8	0.005 5
	41 ← 40	217 571.277 6	-0.255 3 *
	42 ← 41	222 871.557 0	-0.004 4
	43 ← 42	228 171.116 0	0.000 2

$(10\nu_5^8)^{8e}$

10 ← 9	53 214.313 6	0.008 5
11 ← 10	58 535.289 9	-0.004 3
12 ← 11	63 856.166 8	0.009 6
13 ← 12	69 176.882 3	-0.000 3
14 ← 13	74 497.428 1	-0.031 0 *
15 ← 14	79 817.871 5	-0.003 6
16 ← 15	85 138.126 0	0.006 8
17 ← 16	90 458.181 2	0.001 2
18 ← 17	95 778.049 5	0.003 4
19 ← 18	101 097.700 4	-0.005 6
20 ← 19	106 417.138 0	-0.010 3
21 ← 20	111 736.354 0	-0.007 6
22 ← 21	117 055.334 3	-0.000 1
30 ← 29	159 597.082 2	-0.012 3
31 ← 30	164 913.408 3	0.017 4
32 ← 31	170 229.337 7	0.004 5
33 ← 32	175 544.951 0	0.041 0
40 ← 39	212 742.751 7	-0.010 1
41 ← 40	218 055.006 9	-0.000 4
42 ← 41	223 366.416 2	-0.369 4 *
43 ← 42	228 678.090 0	0.004 5

$(10\nu_5^{10})^{10e}$

11 ← 10	58 660.460 9	0.009 9
12 ← 11	63 992.681 1	-0.000 4
13 ← 12	69 324.773 1	0.001 4
14 ← 13	74 656.714 5	0.004 5
15 ← 14	79 988.498 2	0.013 5
17 ← 16	90 651.490 2	-0.006 4
18 ← 17	95 982.708 3	-0.002 2
19 ← 18	101 313.708 5	-0.005 6
20 ← 19	106 644.485 1	-0.010 7
21 ← 20	111 975.039 0	-0.005 0
22 ← 21	117 305.348 5	0.001 5
30 ← 29	159 937.540 2	-0.008 4
31 ← 30	165 265.143 4	0.021 5
32 ← 31	170 592.264 7	-0.069 3 *
33 ← 32	175 919.182 8	0.009 7
40 ← 39	213 195.639 4	0.002 0
41 ← 40	218 519.200 6	0.122 4 *
42 ← 41	223 842.040 4	-0.002 1
43 ← 42	229 164.518 2	-0.000 5

$(11\nu_5^7)^{7e}$

10 ← 9	53 279.849 5	0.004 6
11 ← 10	58 607.392 1	0.009 6
12 ← 11	63 934.777 3	-0.015 0
14 ← 13	74 589.175 4	-0.007 2
15 ← 14	79 916.147 3	0.007 5
16 ← 15	85 242.943 0	0.020 1
17 ← 16	90 569.520 0	-0.000 3
18 ← 17	95 895.923 2	0.002 7
19 ← 18	101 222.102 5	-0.009 3
20 ← 19	106 548.075 0	-0.007 7
21 ← 20	111 873.818 1	-0.003 5
22 ← 21	117 199.319 5	0.002 7
30 ← 29	159 793.111 8	-0.008 5
31 ← 30	165 115.893 5	-0.009 0
32 ← 31	170 438.306 7	-0.018 8
33 ← 32	175 760.391 7	0.014 0

$(10\nu_5^8)^{8f}$

10 ← 9	53 214.313 6	0.008 5
11 ← 10	58 535.289 9	-0.004 3
12 ← 11	63 856.166 8	0.009 6
13 ← 12	69 176.882 3	-0.000 3
14 ← 13	74 497.428 1	-0.031 0 *
15 ← 14	79 817.871 5	-0.003 6
16 ← 15	85 138.126 0	0.006 8
17 ← 16	90 458.181 2	0.001 2
18 ← 17	95 778.049 5	0.003 4
19 ← 18	101 097.700 4	-0.005 6
20 ← 19	106 417.138 0	-0.010 3
21 ← 20	111 736.354 0	-0.007 6
22 ← 21	117 055.334 3	-0.000 1
30 ← 29	159 597.082 2	-0.012 3
31 ← 30	164 913.408 3	0.017 4
32 ← 31	170 229.337 7	0.004 5
33 ← 32	175 544.951 0	0.041 0
40 ← 39	212 742.751 7	-0.010 1
41 ← 40	218 055.006 9	-0.000 4
42 ← 41	223 366.416 2	-0.369 4 *
43 ← 42	228 678.090 0	0.004 5

$(10\nu_5^{10})^{10f}$

11 ← 10	58 660.460 9	0.009 9
12 ← 11	63 992.681 1	-0.000 4
13 ← 12	69 324.773 1	0.001 4
14 ← 13	74 656.714 5	0.004 5
15 ← 14	79 988.498 2	0.013 5
17 ← 16	90 651.490 2	-0.006 4
18 ← 17	95 982.708 3	-0.002 2
19 ← 18	101 313.708 5	-0.005 6
20 ← 19	106 644.485 1	-0.010 7
21 ← 20	111 975.039 0	-0.005 0
22 ← 21	117 305.348 5	0.001 5
30 ← 29	159 937.540 2	-0.008 4
31 ← 30	165 265.143 4	0.021 5
32 ← 31	170 592.264 7	-0.069 3 *
33 ← 32	175 919.182 8	0.009 7
40 ← 39	213 195.639 4	0.002 0
41 ← 40	218 519.200 6	0.122 4 *
42 ← 41	223 842.040 4	-0.002 1
43 ← 42	229 164.518 2	-0.000 5

$(11\nu_5^7)^{7f}$

10 ← 9	53 279.849 5	0.004 6
11 ← 10	58 607.392 1	0.009 6
12 ← 11	63 934.777 3	-0.015 0
14 ← 13	74 589.175 4	-0.007 2
15 ← 14	79 916.147 3	0.007 5
16 ← 15	85 242.943 0	0.020 1
17 ← 16	90 569.520 0	-0.000 3
18 ← 17	95 895.923 2	0.002 7
19 ← 18	101 222.102 5	-0.009 3
20 ← 19	106 548.075 0	-0.007 7
21 ← 20	111 873.818 1	-0.003 5
22 ← 21	117 199.319 5	0.002 7
30 ← 29	159 793.111 8	-0.008 5
31 ← 30	165 115.893 5	-0.009 0
32 ← 31	170 438.306 7	-0.018 8
33 ← 32	175 760.391 7	0.014 0

	40 ← 39	213 003.405 0	0.012 1
	41 ← 40	218 322.063 4	-0.000 6
	42 ← 41	223 640.261 4	0.000 7
	43 ← 42	228 957.964 1	-0.007 4
$(11\nu_5^9)^{9e}$			
	10 ← 9	53 389.022 3	0.005 1
	11 ← 10	58 727.462 9	-0.002 5
	12 ← 11	64 065.780 9	-0.003 2
	13 ← 12	69 403.952 9	-0.008 5
	14 ← 13	74 741.986 1	0.000 4
	15 ← 14	80 079.900 2	0.055 1 *
	16 ← 15	85 417.515 9	-0.012 0
	17 ← 16	90 755.055 2	0.032 8
	18 ← 17	96 092.320 4	0.003 6
	19 ← 18	101 429.386 3	-0.013 1
	20 ← 19	106 766.247 8	-0.010 5
	21 ← 20	112 102.896 3	0.014 4
	22 ← 21	117 439.252 8	-0.005 7
	30 ← 29	160 119.978 3	0.007 0
	31 ← 30	165 453.595 8	-0.001 6
	33 ← 32	176 119.722 5	-0.023 3
	40 ← 39	213 438.455 7	0.003 6
	41 ← 40	218 767.920 3	0.006 5
	42 ← 41	224 096.891 3	-0.003 9
	43 ← 42	229 425.382 0	-0.002 8
$(11\nu_5^{11})^{11e}$			
	12 ← 11	64 196.059 7	-0.006 6
	13 ← 12	69 545.102 1	0.012 7
	14 ← 13	74 893.945 8	-0.011 1
	15 ← 14	80 242.671 1	0.014 5
	16 ← 15	85 591.187 6	0.011 0
	17 ← 16	90 939.476 2	-0.028 9 *
	18 ← 17	96 287.628 7	-0.001 3
	19 ← 18	101 635.528 0	-0.011 4
	20 ← 19	106 983.217 1	-0.004 3
	21 ← 20	112 330.660 6	-0.003 4
	22 ← 21	117 677.857 4	0.002 1
	30 ← 29	160 444.917 8	0.008 5
	31 ← 30	165 789.272 8	-0.030 3
	32 ← 31	171 133.332 6	0.006 0
	33 ← 32	176 476.973 8	0.005 7
	40 ← 39	213 870.756 9	-0.009 4
	41 ← 40	219 210.953 4	0.027 8
	42 ← 41	224 550.589 7	-0.006 8
	43 ← 42	229 889.758 5	-0.008 8
$(12\nu_5^8)^{8e}$			
	15 ← 14	80 181.248 7	0.010 5
	17 ← 16	90 869.890 2	0.004 5
	18 ← 17	96 213.901 6	-0.001 9
	19 ← 18	101 557.698 1	-0.001 8
	20 ← 19	106 901.236 0	-0.025 4
	21 ← 20	112 244.579 8	0.005 3
	22 ← 21	117 587.632 6	0.007 1
	30 ← 29	160 320.925 6	0.042 4
	31 ← 30	165 660.908 7	-0.014 3
	32 ← 31	171 000.534 8	-0.016 6
	33 ← 32	176 339.553 9	-0.198 2 *
$(12\nu_5^{10})^{10e}$			
	16 ← 15	85 674.124 9	-0.076 1

	40 ← 39	213 003.405 0	0.012 1
	41 ← 40	218 322.063 4	-0.000 6
	42 ← 41	223 640.261 4	0.000 7
	43 ← 42	228 957.964 1	-0.007 4
$(11\nu_5^9)^{9f}$			
	10 ← 9	53 389.022 3	0.005 1
	11 ← 10	58 727.462 9	-0.002 5
	12 ← 11	64 065.780 9	-0.003 2
	13 ← 12	69 403.952 9	-0.008 5
	14 ← 13	74 741.986 1	0.000 4
	15 ← 14	80 079.900 2	0.055 1 *
	16 ← 15	85 417.515 9	-0.012 0
	17 ← 16	90 755.055 2	0.032 8
	18 ← 17	96 092.320 4	0.003 6
	19 ← 18	101 429.386 3	-0.013 1
	20 ← 19	106 766.247 8	-0.010 5
	21 ← 20	112 102.896 3	0.014 4
	22 ← 21	117 439.252 8	-0.005 7
	30 ← 29	160 119.978 3	0.007 0
	31 ← 30	165 453.595 8	-0.001 6
	33 ← 32	176 119.722 5	-0.023 3
	40 ← 39	213 438.455 7	0.003 6
	41 ← 40	218 767.920 3	0.006 5
	42 ← 41	224 096.891 3	-0.003 9
	43 ← 42	229 425.382 0	-0.002 8
$(11\nu_5^{11})^{11f}$			
	12 ← 11	64 196.059 7	-0.006 6
	13 ← 12	69 545.102 1	0.012 7
	14 ← 13	74 893.945 8	-0.011 1
	15 ← 14	80 242.671 1	0.014 5
	16 ← 15	85 591.187 6	0.011 0
	17 ← 16	90 939.476 2	-0.028 9 *
	18 ← 17	96 287.628 7	-0.001 3
	19 ← 18	101 635.528 0	-0.011 4
	20 ← 19	106 983.217 1	-0.004 3
	21 ← 20	112 330.660 6	-0.003 4
	22 ← 21	117 677.857 4	0.002 1
	30 ← 29	160 444.917 8	0.008 5
	31 ← 30	165 789.272 8	-0.030 3
	32 ← 31	171 133.332 6	0.006 0
	33 ← 32	176 476.973 8	0.005 7
	40 ← 39	213 870.756 9	-0.009 4
	41 ← 40	219 210.953 4	0.027 8
	42 ← 41	224 550.589 7	-0.006 8
	43 ← 42	229 889.758 5	-0.008 8
$(12\nu_5^8)^{8f}$			
	15 ← 14	80 181.248 7	0.010 5
	17 ← 16	90 869.890 2	0.004 5
	18 ← 17	96 213.901 6	-0.001 9
	19 ← 18	101 557.698 1	-0.001 8
	20 ← 19	106 901.236 0	-0.025 4
	21 ← 20	112 244.579 8	0.005 3
	22 ← 21	117 587.632 6	0.007 1
	30 ← 29	160 320.925 6	0.042 4
	31 ← 30	165 660.908 7	-0.014 3
	32 ← 31	171 000.534 8	-0.016 6
	33 ← 32	176 339.553 9	-0.198 2 *
$(12\nu_5^{10})^{10f}$			
	16 ← 15	85 674.124 9	-0.076 1

	17 ← 16	91 026.916 3	0.017 0
	18 ← 17	96 379.278 3	0.053 4
	19 ← 18	101 731.182 5	0.046 8
	20 ← 19	107 082.610 7	0.030 6
	21 ← 20	112 433.480 3	-0.015 4
	22 ← 21	117 783.737 0	-0.068 9
	30 ← 29	160 548.604 3	0.143 7
	31 ← 30	165 885.988 7	-0.099 8
$(12\nu_5^{12})^{12e}$			
	15 ← 14	80 493.216 8	0.007 5 *
	16 ← 15	85 858.416 1	0.013 3 *
	17 ← 16	91 223.283 5	-0.115 5 *
	18 ← 17	96 588.126 3	-0.059 1 *
	19 ← 18	101 952.744 0	-0.005 8
	20 ← 19	107 317.075 4	-0.004 5
	21 ← 20	112 681.168 6	0.005 2
	22 ← 21	118 044.993 8	0.005 8
	30 ← 29	160 944.795 9	0.002 8
	31 ← 30	166 305.734 0	-0.002 2
	33 ← 32	177 026.462 3	-0.003 7
	40 ← 39	214 535.594 6	-0.008 2
	41 ← 40	219 892.196 9	0.011 8
	42 ← 41	225 248.260 7	-0.004 0
$(\nu_4^1)^{1e}$			
	11 ← 10	56 578.898 9	0.028 1 *
	12 ← 11		
	13 ← 12	66 864.545 8	-0.019 2
	14 ← 13	72 007.156 3	-0.005 0
	15 ← 14	77 149.582 8	0.009 8
	16 ← 15	82 291.802 1	0.015 4
	17 ← 16	87 433.797 1	0.007 6
	18 ← 17	92 575.569 1	0.001 1
	19 ← 18	97 717.112 2	0.002 9
	20 ← 19	102 858.392 1	-0.008 1
	21 ← 20	107 999.417 6	-0.009 9
	22 ← 21	113 140.174 5	-0.003 8
	23 ← 22	118 280.646 8	0.007 5
	31 ← 30	159 392.340 7	0.009 6
	32 ← 31	164 529.643 7	0.045 9 *
	33 ← 32	169 666.432 4	-0.012 2
	34 ← 33	174 802.859 9	0.001 3
	41 ← 40	210 744.556 1	0.000 7
	42 ← 41	215 877.044 1	0.000 5
	43 ← 42	221 008.982 7	-0.000 8
	44 ← 43	226 140.362 4	0.000 1
$(\nu_4^1+\nu_5^1)^{0e}$			
	11 ← 10	56 720.544 3	0.070 1 *
	12 ← 11	61 876.412 1	0.007 0
	13 ← 12	67 032.194 3	-0.017 6
	14 ← 13	72 187.880 8	-0.003 7
	15 ← 14	77 343.421 1	0.008 6
	16 ← 15	82 498.797 9	0.012 2
	17 ← 16	87 653.998 8	0.004 9
	18 ← 17	92 809.025 2	-0.001 5
	19 ← 18	97 963.884 7	0.010 6
	20 ← 19	103 118.513 9	-0.011 9
	21 ← 20	108 272.957 4	-0.014 3
	22 ← 21	113 427.203 3	0.001 8
	23 ← 22	118 581.206 8	0.001 6

	17 ← 16	91 026.916 3	0.017 0
	18 ← 17	96 379.278 3	0.053 4
	19 ← 18	101 731.182 5	0.046 8
	20 ← 19	107 082.610 7	0.030 6
	21 ← 20	112 433.480 3	-0.015 4
	22 ← 21	117 783.737 0	-0.068 9
	30 ← 29	160 548.604 3	0.143 7
	31 ← 30	165 885.988 7	-0.099 8
$(12\nu_5^{12})^{12f}$			
	15 ← 14	80 493.216 8	0.007 5 *
	16 ← 15	85 858.416 1	0.013 3 *
	17 ← 16	91 223.283 5	-0.115 5 *
	18 ← 17	96 588.126 3	-0.059 1 *
	19 ← 18	101 952.744 0	-0.005 8
	20 ← 19	107 317.075 4	-0.004 5
	21 ← 20	112 681.168 6	0.005 2
	22 ← 21	118 044.993 8	0.005 8
	30 ← 29	160 944.795 9	0.002 8
	31 ← 30	166 305.734 0	-0.002 2
	33 ← 32	177 026.462 3	-0.003 7
	40 ← 39	214 535.594 6	-0.008 2
	41 ← 40	219 892.196 9	0.011 8
	42 ← 41	225 248.260 7	-0.004 0
$(\nu_4^1)^{1f}$			
	11 ← 10	56 634.759 5	0.018 4 *
	12 ← 11	61 782.616 7	-0.010 0
	13 ← 12	66 930.304 5	-0.018 2
	14 ← 13	72 077.809 2	-0.004 4
	15 ← 14	77 225.092 9	0.009 4
	16 ← 15	82 372.130 4	0.013 6
	17 ← 16	87 518.896 2	-0.001 6
	18 ← 17	92 665.412 2	0.001 3
	19 ← 18	97 811.654 5	0.013 9
	20 ← 19	102 957.564 3	-0.006 8
	21 ← 20	108 103.181 7	-0.005 3
	22 ← 21	113 248.473 4	0.000 7
	23 ← 22	118 393.419 6	0.006 8
	31 ← 30	159 538.654 1	0.012 7
	32 ← 31	164 679.752 5	-0.026 5
	33 ← 32	169 820.419 3	0.001 4
	34 ← 33	174 960.530 2	-0.013 0
	41 ← 40	210 925.787 6	0.006 1
	42 ← 41	216 061.256 1	-0.004 8
	43 ← 42	221 196.094 0	0.000 7
	44 ← 43	226 330.264 4	0.000 2
$(\nu_4^1+\nu_5^1)^{0f}$			
	11 ← 10	56 848.308 6	0.065 8 *
	12 ← 11	62 015.608 3	0.006 3
	13 ← 12	67 182.775 1	-0.013 4
	14 ← 13	72 349.786 8	-0.001 3
	15 ← 14	77 516.594 1	0.007 6
	16 ← 15	82 683.180 2	0.010 6
	17 ← 16	87 849.521 0	-0.002 1
	18 ← 17	93 015.632 1	-0.000 8
	19 ← 18	98 181.491 4	0.006 5
	20 ← 19	103 347.060 7	-0.004 3
	21 ← 20	108 512.348 1	-0.011 2
	22 ← 21	113 677.351 7	-0.001 9
	23 ← 22	118 842.036 3	0.002 2

	31 ← 30	159 803.883 6	-0.002 2
	32 ← 31	164 955.421 9	0.019 7
	33 ← 32	170 106.602 1	0.009 6
	34 ← 33	175 257.435 4	-0.011 5
	41 ← 40	211 303.194 7	-0.006 3
	42 ← 41	216 451.021 2	0.003 7
	43 ← 42	221 598.415 2	0.004 1
	44 ← 43	226 745.369 5	-0.002 7
$(\nu_4^1+\nu_5^1)^{2e}$			
	12 ← 11	61 971.348 6	0.029 2 *
	13 ← 12	67 134.841 2	-0.008 9
	14 ← 13	72 298.212 2	0.010 3
	15 ← 14	77 461.377 9	0.016 8
	16 ← 15	82 624.310 9	-0.003 3
	17 ← 16	87 787.056 9	0.009 5
	18 ← 17	92 949.547 0	-0.000 0
	19 ← 18	98 111.800 7	0.001 2
	20 ← 19	103 273.779 9	-0.011 3
	21 ← 20	108 435.496 5	-0.012 1
	22 ← 21	113 596.937 5	-0.000 6
	23 ← 22	118 758.063 0	-0.003 2
	31 ← 30	160 034.632 7	0.011 5
	32 ← 31	165 192.439 4	0.008 4
	33 ← 32	170 349.810 2	0.004 9
	34 ← 33	175 506.719 0	-0.012 0
	41 ← 40	211 591.551 7	0.006 8
	42 ← 41	216 744.397 5	-0.012 0
	43 ← 42	221 896.727 4	0.019 2
	44 ← 43	227 048.415 7	-0.012 3
$(\nu_4^1+2\nu_5^0)^{1e}$			
	11 ← 10	56 474.778 5	0.036 6 *
	12 ← 11	61 608.402 6	-0.000 3
	13 ← 12	66 741.935 5	-0.022 7
	14 ← 13	71 875.395 6	-0.003 7
	15 ← 14	77 008.718 7	0.001 3
	16 ← 15	82 141.913 2	0.009 1
	17 ← 16	87 274.953 9	0.003 1
	18 ← 17	92 407.849 1	0.000 0
	19 ← 18	97 540.600 1	0.009 7
	20 ← 19	102 673.161 8	-0.004 7
	21 ← 20	107 805.559 6	-0.009 4
	22 ← 21	112 937.796 6	0.006 9
	23 ← 22	118 069.827 4	0.007 0
	31 ← 30	159 118.273 3	0.009 4
	32 ← 31	164 248.230 5	0.003 4
	33 ← 32	169 377.937 2	0.014 8
	34 ← 33	174 507.322 7	-0.019 8
	41 ← 40	210 404.975 8	-0.005 4
	42 ← 41	215 531.942 7	-0.005 0
	43 ← 42	220 658.574 1	-0.003 7
	44 ← 43	225 784.875 8	0.010 6
$(\nu_4^1+2\nu_5^2)^{1e}$			
	11 ← 10	56 944.467 1	0.023 7 *
	12 ← 11	62 120.804 8	0.011 1
	13 ← 12	67 297.020 6	-0.014 5
	14 ← 13	72 473.153 1	-0.005 5
	15 ← 14	77 649.170 8	0.015 6
	16 ← 15	82 825.014 7	-0.001 0
	17 ← 16	88 000.732 5	0.001 4

	31 ← 30	160 146.527 2	0.003 4
	32 ← 31	165 307.773 5	0.012 5
	33 ← 32	170 468.571 8	0.023 8
	34 ← 33	175 628.841 2	-0.030 2
	41 ← 40	211 737.050 9	-0.002 8
	42 ← 41	216 893.200 8	0.002 0
	43 ← 42	222 048.768 5	0.004 4
	44 ← 43	227 203.733 5	-0.003 6
$(\nu_4^1+\nu_5^1)^{2f}$			
	12 ← 11	61 972.268 4	-0.003 0 *
	13 ← 12	67 136.036 8	-0.025 4
	14 ← 13	72 299.720 6	0.003 3
	15 ← 14	77 463.236 3	0.010 0
	16 ← 15	82 626.593 9	0.015 0
	17 ← 16	87 789.768 7	0.004 3
	18 ← 17	92 952.774 3	0.001 6
	19 ← 18	98 115.601 3	0.008 2
	20 ← 19	103 278.209 3	-0.005 9
	21 ← 20	108 440.620 6	-0.008 1
	22 ← 21	113 602.824 9	0.001 9
	23 ← 22	118 764.784 7	-0.003 1
	31 ← 30	160 050.989 9	-0.000 4
	32 ← 31	165 210.432 9	0.013 3
	33 ← 32	170 369.528 3	0.013 3
	34 ← 33	175 528.221 7	-0.044 4
	41 ← 40	211 629.003 7	-0.002 4
	42 ← 41	216 784.629 3	0.002 4
	43 ← 42	221 939.813 9	0.004 4
	44 ← 43	227 094.541 8	-0.001 7
$(\nu_4^1+2\nu_5^0)^{1f}$			
	11 ← 10	56 510.829 6	0.015 8 *
	12 ← 11	61 647.828 3	-0.002 3
	13 ← 12	66 784.737 0	-0.024 8
	14 ← 13	71 921.592 9	-0.007 4
	15 ← 14	77 058.344 0	0.004 8
	16 ← 15	82 194.984 4	0.012 8
	17 ← 16	87 331.497 1	0.006 5
	18 ← 17	92 467.886 4	-0.003 0
	19 ← 18	97 604.170 2	0.008 9
	20 ← 19	102 740.293 0	-0.006 4
	21 ← 20	107 876.292 9	-0.004 3
	22 ← 21	113 012.155 7	0.007 8
	23 ← 22	118 147.849 1	0.003 9
	31 ← 30	159 227.144 5	0.011 8
	32 ← 31	164 361.138 9	-0.026 0
	33 ← 32	169 494.974 8	-0.007 1
	34 ← 33	174 628.611 4	0.033 2
	41 ← 40	210 557.103 5	-0.007 5
	42 ← 41	215 688.738 0	-0.009 5
	43 ← 42	220 820.118 6	0.002 2
	44 ← 43	225 951.222 5	0.009 4
$(\nu_4^1+2\nu_5^2)^{1f}$			
	11 ← 10	56 979.881 1	0.015 4 *
	12 ← 11	62 159.302 0	0.005 3
	13 ← 12	67 338.566 0	-0.016 6
	14 ← 13	72 517.709 8	-0.001 4
	15 ← 14	77 696.677 6	0.006 9
	16 ← 15	82 875.459 3	0.010 5
	17 ← 16	88 054.034 2	0.000 6

	18 ← 17	93 176.294 7	0.002 4		18 ← 17	93 232.421 3	0.008 2
	19 ← 18	98 351.694 6	0.004 4		19 ← 18	98 410.579 4	0.004 1
	20 ← 19	103 526.910 8	-0.005 1		20 ← 19	103 588.500 0	-0.008 1
	21 ← 20	108 701.953 3	-0.006 9		21 ← 20	108 766.188 1	-0.011 6
	22 ← 21	113 876.809 0	-0.005 0		22 ← 21	113 943.637 6	-0.000 5
	31 ← 30	160 440.455 0	0.020 1		31 ← 30	160 527.208 8	-0.014 1
	32 ← 31	165 612.885 3	-0.001 1		32 ← 31	165 701.499 4	0.024 4
	33 ← 32	170 785.066 6	0.018 8		33 ← 32	170 875.335 4	-0.008 1
	34 ← 33	175 956.895 1	-0.015 1		34 ← 33	176 048.835 4	0.018 6
	41 ← 40	212 150.808 7	-0.005 4		41 ← 40	212 251.080 1	-0.001 9
	42 ← 41	217 319.960 9	0.002 3		42 ← 41	217 420.969 2	-0.004 8
	43 ← 42	222 488.725 5	0.002 7		43 ← 42	222 590.369 0	0.002 6
	44 ← 43	227 657.096 6	-0.001 0		44 ← 43	227 759.249 5	0.001 7
$(\nu_4^1 + 2\nu_5^2)^{3e}$				$(\nu_4^1 + 2\nu_5^2)^{3f}$			
	11 ← 10	57 042.703 0	0.007 7		11 ← 10	57 042.703 0	0.007 7
	12 ← 11	62 227.848 9	0.015 9		12 ← 11	62 227.848 9	0.015 9
	13 ← 12	67 412.820 8	-0.003 7		13 ← 12	67 412.820 8	-0.003 7
	14 ← 13	72 597.666 7	0.009 0		14 ← 13	72 597.666 7	0.009 0
	15 ← 14	77 782.334 8	0.014 3		15 ← 14	77 782.334 8	0.014 3
	16 ← 15	82 966.823 1	0.022 2 *		16 ← 15	82 966.823 1	0.022 2 *
	17 ← 16	88 151.088 4	0.001 3		17 ← 16	88 151.088 4	0.001 3
	18 ← 17	93 335.165 3	-0.001 7		18 ← 17	93 335.165 3	-0.001 7
	19 ← 18	98 519.030 5	0.001 7		19 ← 18	98 519.030 5	0.001 7
	20 ← 19	103 702.647 9	-0.012 8		20 ← 19	103 702.647 9	-0.012 8
	21 ← 20	108 886.030 3	-0.020 5		21 ← 20	108 886.030 3	-0.020 5
	22 ← 21	114 069.179 0	-0.008 4		22 ← 21	114 069.179 0	-0.008 4
	31 ← 30	160 704.105 2	0.009 2		31 ← 30	160 704.105 2	0.009 2
	32 ← 31	165 884.044 1	-0.019 0		32 ← 31	165 884.044 1	-0.019 0
	33 ← 32	171 063.664 9	0.013 6		33 ← 32	171 063.664 9	0.013 6
	34 ← 33	176 242.867 2	0.017 7		34 ← 33	176 242.867 2	0.017 7
	41 ← 40	212 485.416 6	0.007 5		41 ← 40	212 485.416 6	0.007 5
	42 ← 41	217 661.107 1	0.006 3		42 ← 41	217 661.107 1	0.006 3
	43 ← 42	222 836.307 6	0.000 3		43 ← 42	222 836.307 6	0.000 3
	44 ← 43	228 011.007 3	-0.011 1		44 ← 43	228 011.007 3	-0.011 1
$(\nu_4^1 + 3\nu_5^1)^{2e}$				$(\nu_4^1 + 3\nu_5^1)^{2f}$			
	11 ← 10	56 767.107 4	-0.006 1 *		11 ← 10	56 767.107 4	0.047 6 *
	12 ← 11	61 927.222 9	-0.036 1 *		12 ← 11	61 927.222 9	0.013 9 *
	13 ← 12	67 087.247 5	-0.026 3		13 ← 12	67 087.247 5	0.017 9
	14 ← 13	72 247.125 7	-0.021 5		14 ← 13	72 247.125 7	0.014 7
	15 ← 14	77 406.857 3	-0.011 1		15 ← 14	77 406.857 3	0.014 8
	16 ← 15	82 566.431 4	0.004 9		16 ← 15	82 566.431 4	0.018 2
	17 ← 16	87 725.810 0	-0.000 8		17 ← 16	87 725.810 0	-0.002 6
	18 ← 17	92 885.018 4	0.007 9		18 ← 17	92 885.018 4	-0.011 6
	19 ← 18	98 044.032 7	0.017 7		19 ← 18	98 044.032 7	-0.021 8
	20 ← 19	103 202.841 3	0.027 9		20 ← 19	103 202.841 3	-0.034 2
	21 ← 20	108 361.428 2	0.033 1 *		21 ← 20	108 361.428 2	-0.054 0 *
	22 ← 21	113 519.804 8	0.055 4 *		22 ← 21	113 519.804 8	-0.059 2 *
	23 ← 22	118 677.936 8	0.071 1 *		23 ← 22	118 677.936 8	-0.073 3 *
	31 ← 30	159 932.951 6	-0.005 7		31 ← 30	159 933.434 7	0.026 3
	32 ← 31	165 088.450 1	-0.006 4		32 ← 31	165 088.973 6	0.022 6
	33 ← 32	170 243.596 0	-0.016 8		33 ← 32	170 244.161 0	0.010 3
	34 ← 33	175 398.408 6	-0.007 1		34 ← 33	175 399.013 2	0.016 4
	41 ← 40	211 471.278 2	-0.008 2		41 ← 40	211 472.057 5	-0.058 4 *
	42 ← 41	216 622.900 2	0.003 6		42 ← 41	216 623.741 0	-0.005 4
	43 ← 42	221 774.063 2	0.000 6		43 ← 42	221 774.918 2	-0.008 5
	44 ← 43	226 924.778 1	0.003 7		44 ← 43	226 925.654 8	0.008 8
$(\nu_4^1 + 3\nu_5^3)^{2e}$				$(\nu_4^1 + 3\nu_5^3)^{2f}$			
	10 ← 9	52 012.225 7	0.070 2 *		10 ← 9	52 012.225 7	0.008 3 *
	11 ← 10	57 213.038 6	0.084 1 *		11 ← 10	57 213.038 6	0.004 7 *

	12 ← 11	62 413.683 7	0.049 3 *
	13 ← 12	67 614.253 6	0.069 2 *
	14 ← 13	72 814.679 3	0.085 6 *
	15 ← 14	78 014.975 1	0.123 8 *
	16 ← 15	83 215.087 7	0.141 2 *
	17 ← 16	88 415.015 9	0.147 7 *
	18 ← 17	93 614.759 5	0.153 8 *
	20 ← 19	104 013.492 1	0.007 8
	21 ← 20	109 212.598 6	-0.005 0
	22 ← 21	114 411.492 5	-0.002 6
	31 ← 30	161 189.452 0	-0.002 0
	32 ← 31	166 385.491 4	0.028 4
	33 ← 32	171 581.087 2	-0.035 8
	34 ← 33	176 776.427 3	0.004 3
	41 ← 40	213 132.506 3	-0.001 0
	42 ← 41	218 324.531 0	0.005 2
	43 ← 42	223 516.084 6	0.001 0
	44 ← 43	228 707.165 6	-0.003 8
$(\nu_4^1 + 3\nu_5^3)^{4e}$			
	10 ← 9	52 058.789 8	-0.009 4
	11 ← 10	57 264.251 2	-0.001 5
	12 ← 11	62 469.587 7	0.003 4
	13 ← 12	67 674.771 2	-0.012 0
	14 ← 13	72 879.837 4	-0.000 7
	15 ← 14	78 084.750 2	0.012 1
	16 ← 15	83 289.485 7	0.013 6
	17 ← 16	88 494.034 7	0.005 5
	18 ← 17	93 698.402 6	0.004 3
	19 ← 18	98 902.568 0	-0.000 4
	20 ← 19	104 106.497 0	-0.031 5 *
	21 ← 20	109 310.248 6	-0.019 1
	22 ← 21	114 513.774 8	-0.000 1
	31 ← 30	161 333.105 3	0.008 6
	32 ← 31	166 533.682 8	-0.000 6
	33 ← 32	171 733.911 4	-0.006 8
	34 ← 33	176 933.799 7	0.009 3
	41 ← 40	213 321.842 8	0.006 8
	42 ← 41	218 518.410 8	-0.008 8
	43 ← 42	223 714.543 4	-0.000 6
	44 ← 43	228 910.201 1	0.002 4
$(\nu_4^1 + 4\nu_5^2)^{3e}$			
	11 ← 10	57 000.935 1	-0.002 6
	12 ← 11	62 182.364 7	0.006 1
	13 ← 12	67 363.668 5	0.014 7
	14 ← 13	72 544.813 7	0.000 9
	15 ← 14	77 725.828 9	0.003 8
	16 ← 15	82 906.737 4	0.057 1 *
	17 ← 16	88 087.363 7	-0.004 3
	18 ← 17	93 267.878 9	0.001 2
	19 ← 18	98 448.196 7	-0.002 5
	20 ← 19	103 628.314 5	-0.007 4
	21 ← 20	108 808.230 1	-0.005 5
	22 ← 21	113 987.927 3	-0.002 5
	31 ← 30	160 593.626 1	0.025 4
	32 ← 31	165 770.531 7	-0.002 3
	33 ← 32	170 947.016 4	-0.118 4 *
	34 ← 33	176 123.361 0	-0.032 2
	41 ← 40	212 346.776 1	0.013 8
	42 ← 41	217 519.917 2	-0.000 3

	12 ← 11	62 413.683 7	-0.050 9 *
	13 ← 12	67 614.253 6	-0.055 3 *
	14 ← 13	72 814.679 3	-0.066 9 *
	15 ← 14	78 014.975 1	-0.060 8 *
	16 ← 15	83 215.087 7	-0.079 8 *
	17 ← 16	88 415.015 9	-0.114 6 *
	18 ← 17	93 614.759 5	-0.154 6 *
	20 ← 19	104 013.888 8	-0.012 1
	21 ← 20	109 213.085 1	0.002 3
	22 ← 21	114 412.058 8	0.015 9
	31 ← 30	161 190.924 6	-0.014 2
	32 ← 31	166 387.107 8	0.015 6
	33 ← 32	171 582.856 0	-0.049 7
	34 ← 33	176 778.366 7	-0.001 7
	41 ← 40	213 135.881 4	0.008 2
	42 ← 41	218 328.142 8	0.005 1
	43 ← 42	223 519.958 6	0.005 7
	44 ← 43	228 711.295 6	-0.012 3
$(\nu_4^1 + 3\nu_5^3)^{4f}$			
	10 ← 9	52 058.789 8	-0.009 4
	11 ← 10	57 264.251 2	-0.001 5
	12 ← 11	62 469.587 7	0.003 4
	13 ← 12	67 674.771 2	-0.012 0
	14 ← 13	72 879.837 4	-0.000 7
	15 ← 14	78 084.750 2	0.012 1
	16 ← 15	83 289.485 7	0.013 6
	17 ← 16	88 494.034 7	0.005 5
	18 ← 17	93 698.402 6	0.004 3
	19 ← 18	98 902.568 0	-0.000 4
	20 ← 19	104 106.497 0	-0.031 5 *
	21 ← 20	109 310.248 6	-0.019 1
	22 ← 21	114 513.774 8	-0.000 1
	31 ← 30	161 333.105 3	0.008 6
	32 ← 31	166 533.682 8	-0.000 6
	33 ← 32	171 733.911 4	-0.006 8
	34 ← 33	176 933.799 7	0.009 3
	41 ← 40	213 321.842 8	0.006 8
	42 ← 41	218 518.410 8	-0.008 8
	43 ← 42	223 714.543 4	-0.000 6
	44 ← 43	228 910.201 1	0.002 4
$(\nu_4^1 + 4\nu_5^2)^{3f}$			
	11 ← 10	57 000.935 1	-0.002 6
	12 ← 11	62 182.364 7	0.006 1
	13 ← 12	67 363.668 5	0.014 7
	14 ← 13	72 544.813 7	0.000 9
	15 ← 14	77 725.828 9	0.003 8
	16 ← 15	82 906.737 4	0.057 1 *
	17 ← 16	88 087.363 7	-0.004 3
	18 ← 17	93 267.878 9	0.001 2
	19 ← 18	98 448.196 7	-0.002 5
	20 ← 19	103 628.314 5	-0.007 4
	21 ← 20	108 808.230 1	-0.005 5
	22 ← 21	113 987.927 3	-0.002 5
	31 ← 30	160 593.626 1	0.025 4
	32 ← 31	165 770.531 7	-0.002 3
	33 ← 32	170 947.016 4	-0.118 4 *
	34 ← 33	176 123.361 0	-0.032 2
	41 ← 40	212 346.776 1	0.013 8
	42 ← 41	217 519.917 2	-0.000 3

	43 ← 42	222 692.639 9	0.000 1
	44 ← 43	227 864.911 2	-0.008 0
$(\nu_4^1 + 4\nu_5^4)^{3e}$			
	10 ← 9	52 220.562 0	0.001 6
	11 ← 10	57 442.207 5	0.003 4
	12 ← 11	62 663.725 0	-0.005 1
	13 ← 12	67 885.120 4	-0.007 4
	14 ← 13	73 106.389 3	0.003 0
	15 ← 14	78 327.514 0	0.019 0
	16 ← 15	83 548.468 1	0.024 7 *
	17 ← 16	88 769.221 5	0.000 8
	18 ← 17	93 989.815 6	-0.000 6
	19 ← 18	99 210.219 3	-0.000 2
	20 ← 19	104 430.409 1	-0.010 7
	21 ← 20	109 650.401 9	-0.004 6
	22 ← 21	114 870.168 6	-0.000 4
	31 ← 30	161 836.208 7	0.008 4
	32 ← 31	167 053.150 0	0.009 4
	33 ← 32	172 269.745 3	0.004 3
	34 ← 33	177 485.978 9	-0.012 1
	41 ← 40	213 989.058 0	0.000 4
	42 ← 41	219 202.136 3	0.005 2
	43 ← 42	224 414.756 3	-0.004 9
	44 ← 43	229 626.976 2	0.038 5 *
$(\nu_4^1 + 4\nu_5^4)^{5e}$			
	10 ← 9	52 261.317 4	0.010 2
	11 ← 10	57 486.997 5	-0.019 6 *
	12 ← 11	62 712.607 6	0.000 8
	13 ← 12	67 938.049 5	-0.015 9
	14 ← 13	73 163.383 6	0.001 7
	15 ← 14	78 388.559 4	0.013 9
	16 ← 15	83 613.559 1	0.013 8
	17 ← 16	88 838.370 1	-0.000 3
	18 ← 17	94 063.015 7	0.005 8
	19 ← 18	99 287.458 1	0.005 1
	20 ← 19	104 511.687 6	-0.001 1
	21 ← 20	109 735.686 3	-0.019 9
	22 ← 21	114 959.475 9	-0.018 7
	31 ← 30	161 961.491 2	-0.005 1
	32 ← 31	167 182.412 4	0.013 3
	33 ← 32	172 402.964 1	0.010 1
	34 ← 33	177 623.196 0	0.045 6
	41 ← 40	214 153.576 4	-0.008 8
	42 ← 41	219 370.530 4	0.002 5
	43 ← 42	224 587.010 6	-0.005 4
	44 ← 43	229 803.044 6	0.005 6
$(\nu_4^1 + 5\nu_5^3)^{4e}$			
	10 ← 9	52 033.929 9	-0.015 5
	11 ← 10	57 236.973 7	-0.002 0
	12 ← 11	62 439.910 8	0.008 2
	13 ← 12	67 642.703 1	-0.013 7
	14 ← 13	72 845.409 9	0.000 5
	15 ← 14	78 047.982 3	0.011 0
	16 ← 15	83 250.406 0	0.012 3
	17 ← 16	88 452.670 1	0.002 4
	18 ← 17	93 654.790 6	0.006 1
	19 ← 18	98 856.742 6	0.006 9
	20 ← 19	104 058.501 0	-0.011 6
	21 ← 20	109 260.094 4	-0.012 4

	43 ← 42	222 692.639 9	0.000 1
	44 ← 43	227 864.911 2	-0.008 0
$(\nu_4^1 + 4\nu_5^4)^{3f}$			
	10 ← 9	52 220.562 0	0.001 6
	11 ← 10	57 442.207 5	0.003 4
	12 ← 11	62 663.725 0	-0.005 1
	13 ← 12	67 885.120 4	-0.007 4
	14 ← 13	73 106.389 3	0.003 0
	15 ← 14	78 327.514 0	0.019 0
	16 ← 15	83 548.468 1	0.024 7 *
	17 ← 16	88 769.221 5	0.000 8
	18 ← 17	93 989.815 6	-0.000 6
	19 ← 18	99 210.219 3	-0.000 2
	20 ← 19	104 430.409 1	-0.010 7
	21 ← 20	109 650.401 9	-0.004 6
	22 ← 21	114 870.168 6	-0.000 4
	31 ← 30	161 836.208 7	0.008 4
	32 ← 31	167 053.150 0	0.009 4
	33 ← 32	172 269.745 3	0.004 3
	34 ← 33	177 485.978 9	-0.012 1
	41 ← 40	213 989.058 0	0.000 4
	42 ← 41	219 202.136 3	0.005 2
	43 ← 42	224 414.756 3	-0.004 9
	44 ← 43	229 626.976 2	0.038 5 *
$(\nu_4^1 + 4\nu_5^4)^{5f}$			
	10 ← 9	52 261.317 4	0.010 2
	11 ← 10	57 486.997 5	-0.019 6 *
	12 ← 11	62 712.607 6	0.000 8
	13 ← 12	67 938.049 5	-0.015 9
	14 ← 13	73 163.383 6	0.001 7
	15 ← 14	78 388.559 4	0.013 9
	16 ← 15	83 613.559 1	0.013 8
	17 ← 16	88 838.370 1	-0.000 3
	18 ← 17	94 063.015 7	0.005 8
	19 ← 18	99 287.458 1	0.005 1
	20 ← 19	104 511.687 6	-0.001 1
	21 ← 20	109 735.686 3	-0.019 9
	22 ← 21	114 959.475 9	-0.018 7
	31 ← 30	161 961.491 2	-0.005 1
	32 ← 31	167 182.412 4	0.013 3
	33 ← 32	172 402.964 1	0.010 1
	34 ← 33	177 623.196 0	0.045 6
	41 ← 40	214 153.576 4	-0.008 8
	42 ← 41	219 370.530 4	0.002 5
	43 ← 42	224 587.010 6	-0.005 4
	44 ← 43	229 803.044 6	0.005 6
$(\nu_4^1 + 5\nu_5^3)^{4f}$			
	10 ← 9	52 033.929 9	-0.015 5
	11 ← 10	57 236.973 7	-0.002 0
	12 ← 11	62 439.910 8	0.008 2
	13 ← 12	67 642.703 1	-0.013 7
	14 ← 13	72 845.409 9	0.000 5
	15 ← 14	78 047.982 3	0.011 0
	16 ← 15	83 250.406 0	0.012 3
	17 ← 16	88 452.670 1	0.002 4
	18 ← 17	93 654.790 6	0.006 1
	19 ← 18	98 856.742 6	0.006 9
	20 ← 19	104 058.501 0	-0.011 6
	21 ← 20	109 260.094 4	-0.012 4

	22 ← 21	114 461.513 7	0.003 6		22 ← 21	114 461.513 7	0.003 6
	31 ← 30	161 264.246 9	0.001 6		31 ← 30	161 264.246 9	0.001 6
	32 ← 31	166 463.299 1	-0.014 3		32 ← 31	166 463.299 1	-0.014 3
	33 ← 32	171 662.133 4	0.024 7		33 ← 32	171 662.133 4	0.024 7
	34 ← 33	176 860.615 0	-0.010 0		34 ← 33	176 860.615 0	-0.010 0
	41 ← 40	213 241.948 5	0.021 6 *		41 ← 40	213 241.948 5	0.021 6 *
	42 ← 41	218 438.060 4	0.056 6 *		42 ← 41	218 438.060 4	0.056 6 *
	43 ← 42	223 633.857 5	0.104 3 *		43 ← 42	223 633.857 5	0.104 3 *
	44 ← 43	228 829.334 0	0.163 0 *		44 ← 43	228 829.334 0	0.163 0 *
$(\nu_4^1 + 5\nu_5^5)^{4e}$				$(\nu_4^1 + 5\nu_5^5)^{4f}$			
	10 ← 9	52 417.806 6	-0.010 4		10 ← 9	52 417.806 6	-0.010 4
	11 ← 10	57 659.184 0	-0.003 2		11 ← 10	57 659.184 0	-0.003 2
	12 ← 11	62 900.444 8	0.004 8		12 ← 11	62 900.444 8	0.004 8
	13 ← 12	68 141.551 0	-0.013 7		13 ← 12	68 141.551 0	-0.013 7
	14 ← 13	73 382.547 2	-0.003 4		14 ← 13	73 382.547 2	-0.003 4
	15 ← 14	78 623.401 1	0.014 0		15 ← 14	78 623.401 1	0.014 0
	16 ← 15	83 863.441 9	-0.621 8 *		16 ← 15	83 863.441 9	-0.621 8 *
	17 ← 16	89 104.569 8	0.000 0		17 ← 16	89 104.569 8	0.000 0
	18 ← 17	94 344.902 6	0.007 9		18 ← 17	94 344.902 6	0.007 9
	19 ← 18	99 585.025 9	-0.002 0		19 ← 18	99 585.025 9	-0.002 0
	20 ← 19	104 824.954 1	-0.004 8		20 ← 19	104 824.954 1	-0.004 8
	21 ← 20	110 064.680 1	0.002 9		21 ← 20	110 064.680 1	0.002 9
	22 ← 21	115 304.176 1	0.003 9		22 ← 21	115 304.176 1	0.003 9
	31 ← 30	162 447.883 3	0.027 3		31 ← 30	162 447.883 3	0.027 3
	32 ← 31	167 684.537 4	-0.007 4		32 ← 31	167 684.537 4	-0.007 4
	33 ← 32	172 920.905 0	0.008 8		33 ← 32	172 920.905 0	0.008 8
	34 ← 33	178 156.862 2	-0.037 7		34 ← 33	178 156.862 2	-0.037 7
	41 ← 40	214 798.335 0	-0.003 8		41 ← 40	214 798.335 0	-0.003 8
	42 ← 41	220 031.200 5	0.003 7		42 ← 41	220 031.200 5	0.003 7
	43 ← 42	225 263.617 5	0.001 0		43 ← 42	225 263.617 5	0.001 0
$(\nu_4^1 + 5\nu_5^5)^{6e}$				$(\nu_4^1 + 5\nu_5^5)^{6f}$			
	10 ← 9	52 458.319 3	0.001 7		10 ← 9	52 458.319 3	0.001 7
	11 ← 10	57 703.732 2	0.002 2		11 ← 10	57 703.732 2	0.002 2
	12 ← 11	62 948.981 9	-0.040 9 *		12 ← 11	62 948.981 9	-0.040 9 *
	13 ← 12	68 194.161 1	-0.023 8 *		13 ← 12	68 194.161 1	-0.023 8 *
	14 ← 13	73 439.201 9	-0.003 6		14 ← 13	73 439.201 9	-0.003 6
	15 ← 14	78 684.080 7	0.006 9		15 ← 14	78 684.080 7	0.006 9
	16 ← 15	83 928.787 5	0.008 6		16 ← 15	83 928.787 5	0.008 6
	17 ← 16	89 173.311 2	0.001 2		17 ← 16	89 173.311 2	0.001 2
	18 ← 17	94 417.661 5	0.005 3		18 ← 17	94 417.661 5	0.005 3
	19 ← 18	99 661.802 5	-0.004 2		19 ← 18	99 661.802 5	-0.004 2
	20 ← 19	104 905.742 2	-0.008 5		20 ← 19	104 905.742 2	-0.008 5
	21 ← 20	110 149.467 6	-0.009 7		21 ← 20	110 149.467 6	-0.009 7
	22 ← 21	115 392.974 6	-0.001 2		22 ← 21	115 392.974 6	-0.001 2
	31 ← 30	162 572.402 6	-0.014 2		31 ← 30	162 572.402 6	-0.014 2
	32 ← 31	167 813.073 3	0.031 8		32 ← 31	167 813.073 3	0.031 8
	33 ← 32	173 053.319 1	-0.000 8		33 ← 32	173 053.319 1	-0.000 8
	34 ← 33	178 293.249 9	0.008 7		34 ← 33	178 293.249 9	0.008 7
	41 ← 40	214 961.796 9	-0.002 4		41 ← 40	214 961.796 9	-0.002 4
	42 ← 41	220 198.481 3	-0.000 3		42 ← 41	220 198.481 3	-0.000 3
	43 ← 42	225 434.712 4	0.000 8		43 ← 42	225 434.712 4	0.000 8

Tabelle D.2 Zugeordnete a-Typ-Rotationsübergänge von ^{37}ClCNO im Frequenzbereich zwischen 52 und 230 GHz.

	$J' \leftarrow J''$	ν_{exp} / MHz	$\nu_{\mathrm{exp}} - \nu_{\mathrm{calc}}$ / MHz	$J' \leftarrow J''$	ν_{exp} / MHz	$\nu_{\mathrm{exp}} - \nu_{\mathrm{calc}}$ / MHz
Grund						
	11 ← 10	55 248.715 4	0.003 7			
	12 ← 11	60 270.697 1	0.018 3			
	13 ← 12	65 292.468 4	-0.009 8			
	14 ← 13	70 314.088 4	-0.007 7			
	15 ← 14	75 335.522 1	0.003 5			
	16 ← 15	80 356.746 8	0.014 9			
	17 ← 16	85 377.726 4	0.004 5			
	18 ← 17	90 398.476 9	0.001 9			
	19 ← 18	95 418.979 6	0.002 3			
	20 ← 19	100 439.202 8	-0.012 1			
	21 ← 20	105 459.165 8	-0.008 3			
	22 ← 21	110 478.831 9	-0.009 3			
	23 ← 22	115 498.199 3	-0.003 1			
	32 ← 31	160 656.435 4	0.001 3			
	33 ← 32	165 671.980 7	-0.006 1			
	34 ← 33	170 687.085 7	0.001 3			
	35 ← 34	175 701.762 1	0.048 6			
	42 ← 41	210 789.880 6	-0.004 3			
	43 ← 42	215 800.288 8	-0.000 9			
	44 ← 43	220 810.106 6	-0.000 9			
	45 ← 44	225 819.327 4	0.001 9			
$(\nu_5^1)^{1e}$				$(\nu_5^1)^{1f}$		
	11 ← 10	55 326.917 0	0.001 4	11 ← 10	55 547.140 1	-0.002 0
	12 ← 11	60 356.151 9	0.015 9	12 ← 11	60 596.304 3	0.010 5
	13 ← 12	65 385.214 4	-0.011 7	13 ← 12	65 645.281 2	-0.011 0
	14 ← 13	70 414.160 7	-0.014 6	14 ← 13	70 694.117 7	-0.006 7
	15 ← 14	75 442.975 9	0.003 2	15 ← 14	75 742.774 5	-0.003 3
	16 ← 15	80 471.624 8	0.017 2	16 ← 15	80 791.256 1	0.016 5
	17 ← 16			17 ← 16	85 839.500 7	0.003 5
	18 ← 17	90 528.347 4	0.000 9	18 ← 17	90 887.538 7	0.000 8
	19 ← 18	95 556.435 8	0.006 9	19 ← 18	95 935.358 2	0.009 2
	20 ← 19	100 584.294 2	-0.011 6	20 ← 19	100 982.907 5	-0.010 4
	21 ← 20	105 611.960 2	-0.006 0	21 ← 20	106 030.224 2	-0.007 7
	22 ← 21	110 639.394 6	-0.005 0	22 ← 21	111 077.276 6	-0.001 9
	23 ← 22	115 666.596 2	0.001 1	23 ← 22	116 124.045 4	0.000 5
	32 ← 31	160 898.896 0	0.002 8	32 ← 31	161 530.279 9	0.005 6
	33 ← 32	165 923.125 3	0.000 4	33 ← 32	166 573.557 2	0.004 5
	34 ← 33	170 947.016 4	0.014 4	34 ← 33	171 616.435 4	0.021 3
	35 ← 34	175 970.529 5	0.015 5	35 ← 34	176 658.827 2	-0.019 1
	42 ← 41	211 123.990 5	-0.009 1	42 ← 41	211 942.822 4	-0.003 9
	43 ← 42	216 144.221 1	0.005 0	43 ← 42	216 981.389 4	0.003 5
	44 ← 43	221 163.968 6	-0.005 5	44 ← 43	222 019.407 5	0.000 3
	45 ← 44	226 183.268 8	0.005 5	45 ← 44	227 056.877 7	-0.000 6
$(2\nu_5^0)^{0e}$						
	11 ← 10	55 091.091 1	0.003 3			
	12 ← 11	60 098.995 7	0.017 1			
	13 ← 12	65 106.756 0	-0.012 0			
	14 ← 13	70 114.438 1	-0.009 4			
	15 ← 14	75 122.015 1	0.006 3			
	16 ← 15	80 129.458 1	0.014 5			
	17 ← 16	85 136.746 3	0.002 7			
	18 ← 17	90 143.899 7	-0.000 9			
	19 ← 18	95 150.908 5	0.002 2			

	20 ← 19	100 157.745 3	-0.007 2
	21 ← 20	105 164.420 5	-0.010 5
	22 ← 21	110 170.928 5	-0.005 2
	23 ← 22	115 177.252 6	0.000 1
	32 ← 31	160 224.531 4	0.001 8
	33 ← 32	165 228.572 1	-0.001 0
	34 ← 33	170 232.347 3	0.000 9
	35 ← 34	175 235.850 2	0.008 2
	42 ← 41	210 251.920 7	0.003 6
	43 ← 42	215 252.929 6	0.001 9
	44 ← 43	220 253.595 6	-0.000 1
	45 ← 44	225 253.910 0	-0.004 2
$(2\nu_5^2)^{2e}$			
	11 ← 10	55 657.098 0	0.031 1 *
	12 ← 11	60 716.362 2	0.068 2 *
	13 ← 12	65 775.453 3	0.064 1 *
	14 ← 13	70 834.428 1	0.086 7 *
	15 ← 14	75 893.243 3	0.103 5 *
	16 ← 15	80 951.923 2	0.149 9 *
	17 ← 16	86 010.390 8	0.159 8 *
	18 ← 17	91 068.677 3	0.175 3 *
	19 ← 18	96 126.587 5	0.012 1
	20 ← 19	101 184.430 0	-0.010 2
	21 ← 20	106 242.076 4	-0.009 3
	22 ← 21	111 299.501 4	0.000 6
	23 ← 22	116 356.681 6	0.006 9
	32 ← 31	161 858.610 6	0.010 1
	33 ← 32	166 912.765 7	-0.002 4
	34 ← 33	171 966.554 4	-0.021 5
	35 ← 34	177 020.028 5	0.015 1
	42 ← 41	212 382.808 9	-0.004 3
	43 ← 42	217 432.908 8	0.002 6
	44 ← 43	222 482.537 9	0.004 1
	45 ← 44	227 531.682 7	-0.002 9
$(3\nu_5^1)^{1e}$			
	11 ← 10	55 396.856 3	0.003 1
	12 ← 11	60 432.557 5	0.014 9
	13 ← 12	65 468.120 7	-0.010 3
	14 ← 13	70 503.604 0	-0.005 8
	15 ← 14	75 538.974 5	0.003 9
	16 ← 15	80 574.222 0	0.016 8
	17 ← 16	85 609.310 1	0.005 0
	18 ← 17	90 644.264 1	0.002 1
	19 ← 18	95 679.073 9	0.006 4
	20 ← 19	100 713.695 9	-0.017 4
	21 ← 20	105 748.178 6	-0.012 5
	22 ← 21	110 782.489 6	-0.003 0
	23 ← 22	115 816.604 7	-0.004 8
	32 ← 31	161 113.987 4	-0.006 5
	33 ← 32	166 145.793 8	-0.018 5
	34 ← 33	171 177.394 3	0.038 3
	35 ← 34	176 208.647 7	0.030 8
	42 ← 41	211 418.847 0	-0.006 5
	43 ← 42	216 447.567 3	0.002 6
	44 ← 43	221 475.919 5	-0.002 2
	45 ← 44	226 503.918 3	0.001 8
$(3\nu_5^3)^{3e}$			
	11 ← 10	55 876.806 8	0.004 9
	12 ← 11	60 956.039 5	0.016 6

$(2\nu_5^2)^{2f}$			
	11 ← 10	55 657.098 0	-0.064 2 *
	12 ← 11	60 716.362 2	-0.051 1 *
	13 ← 12	65 775.453 3	-0.083 1 *
	14 ← 13	70 834.428 1	-0.092 8 *
	15 ← 14	75 893.243 3	-0.112 6 *
	16 ← 15	80 951.923 2	-0.107 6 *
	17 ← 16	86 010.390 8	-0.144 3 *
	18 ← 17	91 068.677 3	-0.180 6 *
	19 ← 18	96 126.997 7	0.009 1
	20 ← 19	101 184.918 1	0.001 4
	21 ← 20	106 242.631 9	0.000 6
	22 ← 21		
	23 ← 22	116 357.379 0	0.001 4
	32 ← 31	161 860.466 6	0.111 6 *
	33 ← 32	166 914.658 9	-0.017 5
	34 ← 33	171 968.606 2	-0.039 4
	35 ← 34	177 022.250 6	-0.001 5
	42 ← 41	212 386.441 1	-0.001 4
	43 ← 42	217 436.766 2	0.003 8
	44 ← 43	222 486.628 3	0.004 9
	45 ← 44	227 536.013 3	-0.001 7
$(3\nu_5^1)^{1f}$			
	11 ← 10	55 636.422 0	-0.001 6
	12 ← 11	60 693.841 7	0.010 3
	13 ← 12	65 751.109 2	-0.013 0
	14 ← 13	70 808.278 4	-0.007 9
	15 ← 14	75 865.307 5	-0.006 5
	16 ← 15	80 922.211 3	0.015 6
	17 ← 16	85 978.928 9	0.007 2
	18 ← 17	91 035.482 4	0.000 0
	19 ← 18	96 091.873 1	0.005 0
	20 ← 19	101 148.062 6	-0.006 6
	21 ← 20	106 204.067 8	-0.008 3
	22 ← 21	111 259.877 2	-0.002 2
	23 ← 22	116 315.476 2	0.006 9
	32 ← 31	161 804.618 4	0.002 9
	33 ← 32	166 857.549 7	-0.002 5
	34 ← 33	171 910.156 4	-0.015 7
	35 ← 34	176 962.491 1	0.025 1
	42 ← 41	212 318.620 5	-0.005 5
	43 ← 42	217 367.984 3	0.001 1
	44 ← 43	222 416.932 4	-0.000 5
	45 ← 44	227 465.468 7	0.002 6
$(3\nu_5^3)^{3f}$			
	11 ← 10	55 876.806 8	0.004 9
	12 ← 11	60 956.039 5	0.016 6

	13 ← 12	66 035.111 0	-0.005 5	13 ← 12	66 035.111 0	-0.005 5
	14 ← 13	71 114.056 2	-0.016 0	14 ← 13	71 114.056 2	-0.016 0
	15 ← 14	76 192.865 4	-0.014 0	15 ← 14	76 192.865 4	-0.014 0
	16 ← 15	81 271.546 1	0.018 6	16 ← 15	81 271.546 1	0.018 6
	17 ← 16	86 350.014 4	0.008 5	17 ← 16	86 350.014 4	0.008 5
	18 ← 17	91 428.305 3	0.001 2	18 ← 17	91 428.305 3	0.001 2
	19 ← 18	96 506.416 2	0.004 6	19 ← 18	96 506.416 2	0.004 6
	20 ← 19	101 584.307 6	-0.010 1	20 ← 19	101 584.307 6	-0.010 1
	21 ← 20	106 662.006 1	-0.005 9	21 ← 20	106 662.006 1	-0.005 9
	22 ← 21	111 739.480 3	-0.003 5	22 ← 21	111 739.480 3	-0.003 5
	23 ← 22	116 816.724 0	0.001 2	23 ← 22	116 816.724 0	0.001 2
	32 ← 31	162 499.672 9	0.013 3	32 ← 31	162 499.672 9	0.013 3
	33 ← 32	167 573.988 9	-0.003 7	33 ← 32	167 573.988 9	-0.003 7
	34 ← 33	172 647.948 3	-0.029 3	34 ← 33	172 647.948 3	-0.029 3
	35 ← 34	177 721.635 6	0.031 5	35 ← 34	177 721.635 6	0.031 5
	42 ← 41	213 226.085 9	0.000 4	42 ← 41	213 226.085 9	0.000 4
	43 ← 42	218 296.468 5	-0.004 2	43 ← 42	218 296.468 5	-0.004 2
	44 ← 43	223 366.416 2	0.007 5	44 ← 43	223 366.416 2	0.007 5
	45 ← 44	228 435.879 1	-0.004 2	45 ← 44	228 435.879 1	-0.004 2
$(4\nu_5^0)^{0e}$						
	11 ← 10	55 521.616 4	0.002 0			
	12 ← 11	60 568.833 0	0.008 3			
	13 ← 12	65 615.967 9	-0.012 5			
	14 ← 13	70 663.071 0	-0.006 1			
	15 ← 14	75 710.106 6	-0.003 6			
	16 ← 15	80 757.089 6	0.014 4			
	17 ← 16	85 803.974 6	0.007 0			
	18 ← 17	90 850.782 8	-0.000 2			
	19 ← 18	95 897.524 2	0.007 5			
	20 ← 19	100 944.157 7	-0.006 7			
	21 ← 20	105 990.714 9	-0.006 7			
	22 ← 21	111 037.181 8	-0.002 0			
	23 ← 22	116 083.542 3	-0.004 2			
	32 ← 31	161 495.604 9	0.001 5			
	33 ← 32	166 540.748 7	0.020 5			
	34 ← 33	171 585.678 4	-0.026 8			
	35 ← 34	176 630.560 5	0.030 5			
	42 ← 41	211 939.676 0	-0.006 0			
	43 ← 42	216 983.138 2	0.002 9			
	44 ← 43	222 026.394 8	-0.003 3			
	45 ← 44	227 069.469 7	0.003 4			
$(4\nu_5^2)^{2e}$				$(4\nu_5^2)^{2f}$		
	13 ← 12	65 969.428 8	-0.026 9	13 ← 12	65 969.958 4	0.000 1
	14 ← 13	71 043.343 1	-0.011 9	14 ← 13	71 043.991 6	0.009 0
	15 ← 14	76 117.099 6	-0.004 8	15 ← 14	76 117.869 5	-0.006 9
	16 ← 15	81 190.711 1	0.017 9	16 ← 15	81 191.644 0	0.013 6
	17 ← 16	86 264.116 3	0.005 5	17 ← 16	86 265.237 0	0.001 6
	18 ← 17	91 337.354 8	0.008 5	18 ← 17	91 338.674 2	-0.007 9
	19 ← 18	96 410.396 6	0.007 5	19 ← 18	96 411.965 3	0.004 0
	20 ← 19	101 483.223 0	-0.005 5	20 ← 19	101 485.054 6	-0.009 1
	21 ← 20	106 555.851 7	-0.002 0	21 ← 20	106 557.974 6	-0.005 5
	22 ← 21	111 628.255 1	0.001 1	22 ← 21	111 630.701 3	-0.000 1
	23 ← 22	116 700.424 6	0.005 8	23 ← 22	116 703.220 6	0.002 3
	32 ← 31	162 337.546 7	0.020 0	32 ← 31	162 345.192 4	0.026 5
	33 ← 32	167 406.745 3	0.000 7	33 ← 32	167 415.133 8	-0.003 6
	34 ← 33	172 475.616 3	0.007 7	34 ← 33	172 484.807 8	0.003 1
	35 ← 34	177 544.077 6	-0.030 4	35 ← 34	177 554.117 7	-0.041 0
	42 ← 41	213 012.481 3	-0.008 5	42 ← 41	213 030.128 0	0.010 9
	43 ← 42	218 077.682 4	-0.001 9	43 ← 42	218 096.647 6	0.002 5

	44 ← 43	223 142.423 1	0.006 0
	45 ← 44	228 206.680 0	0.002 6
$(4\nu_5^4)^{4e}$			
	11 ← 10	56 090.860 3	0.001 1
	12 ← 11	61 189.552 9	0.007 8
	13 ← 12	66 288.096 9	-0.008 1
	14 ← 13	71 386.528 7	0.000 3
	15 ← 14	76 484.799 4	-0.005 4
	16 ← 15	81 582.940 3	0.016 4
	17 ← 16	86 680.885 2	0.010 2
	18 ← 17	91 778.638 0	-0.009 9
	19 ← 18	96 876.238 3	0.006 4
	20 ← 19	101 973.606 8	-0.010 0
	21 ← 20	107 070.780 5	-0.011 4
	22 ← 21	112 167.743 9	-0.003 1
	23 ← 22	117 264.474 8	0.003 3
	32 ← 31	163 122.909 7	0.005 7
	33 ← 32	168 216.760 5	0.008 3
	34 ← 33	173 310.269 7	0.013 8
	35 ← 34	178 403.406 8	0.002 1
	42 ← 41	214 044.645 7	-0.003 6
	43 ← 42	219 134.586 4	-0.004 0
	44 ← 43	224 224.086 9	0.002 2
	45 ← 44	229 313.124 2	0.002 3
$(5\nu_5^1)^{1e}$			
	11 ← 10	55 686.386 2	-0.110 9 *
	12 ← 11	60 748.614 9	0.017 3
	13 ← 12	65 810.610 1	-0.007 7
	14 ← 13	70 872.546 2	-0.004 7
	15 ← 14	75 934.383 8	-0.006 5
	16 ← 15	80 996.142 8	0.013 5
	17 ← 16	86 057.766 7	0.005 4
	18 ← 17	91 119.278 7	-0.001 0
	19 ← 18	96 180.684 4	0.006 6
	20 ← 19	101 241.935 9	-0.013 1
	21 ← 20	106 303.075 4	-0.011 2
	22 ← 21	111 364.081 8	-0.002 3
	23 ← 22	116 424.939 1	0.004 2
	32 ← 31	161 964.910 0	0.003 4
	33 ← 32	167 023.932 2	0.002 3
	34 ← 33	172 082.727 4	-0.007 4
	35 ← 34	177 141.329 8	0.015 0
	42 ← 41	212 544.540 8	-0.000 0
	43 ← 42	217 601.093 5	0.001 4
	44 ← 43	222 657.360 7	-0.000 8
	45 ← 44	227 713.341 5	-0.001 0
$(5\nu_5^3)^{3e}$			
	11 ← 10	56 081.423 6	0.002 3
	12 ← 11	61 179.281 0	0.012 4
	13 ← 12	66 276.990 0	-0.004 9
	14 ← 13	71 374.600 8	0.010 6
	15 ← 14	76 472.029 5	-0.014 9
	16 ← 15	81 569.363 8	0.016 2
	17 ← 16	86 666.493 5	0.004 0
	18 ← 17	91 763.458 3	-0.002 0
	19 ← 18	96 860.256 3	0.006 5
	20 ← 19	101 956.835 3	-0.012 8
	21 ← 20	107 053.233 6	-0.011 5
	22 ← 21	112 149.424 9	-0.005 9

	44 ← 43	223 162.775 9	-0.004 4
	45 ← 44	228 228.509 9	-0.004 0
$(4\nu_5^4)^{4f}$			
	11 ← 10	56 090.860 3	0.001 1
	12 ← 11	61 189.552 9	0.007 8
	13 ← 12	66 288.096 9	-0.008 1
	14 ← 13	71 386.528 7	0.000 3
	15 ← 14	76 484.799 4	-0.005 4
	16 ← 15	81 582.940 3	0.016 4
	17 ← 16	86 680.885 2	0.010 2
	18 ← 17	91 778.638 0	-0.009 9
	19 ← 18	96 876.238 3	0.006 4
	20 ← 19	101 973.606 8	-0.010 0
	21 ← 20	107 070.780 5	-0.011 4
	22 ← 21	112 167.743 9	-0.003 1
	23 ← 22	117 264.474 8	0.003 3
	32 ← 31	163 122.909 7	0.005 7
	33 ← 32	168 216.760 5	0.008 3
	34 ← 33	173 310.269 7	0.013 8
	35 ← 34	178 403.406 8	0.002 1
	42 ← 41	214 044.645 7	-0.003 6
	43 ← 42	219 134.586 4	-0.004 0
	44 ← 43	224 224.086 9	0.002 2
	45 ← 44	229 313.124 2	0.002 3
$(5\nu_5^1)^{1f}$			
	11 ← 10	55 977.489 9	0.000 5
	12 ← 11	61 066.005 1	0.007 3
	13 ← 12	66 154.403 2	-0.010 7
	14 ← 13	71 242.658 4	-0.071 5 *
	15 ← 14	76 330.957 5	0.019 3
	16 ← 15	81 419.037 0	0.005 9
	17 ← 16	86 507.006 5	0.005 5
	18 ← 17	91 594.838 3	-0.001 8
	19 ← 18	96 682.542 0	0.001 0
	20 ← 19	101 770.089 7	-0.006 2
	21 ← 20	106 857.484 1	-0.013 0
	22 ← 21	111 944.730 3	-0.006 8
	23 ← 22	117 031.806 6	-0.001 7
	32 ← 31	162 806.601 5	0.003 0
	33 ← 32	167 891.564 9	0.000 6
	34 ← 33	172 976.270 4	-0.007 8
	35 ← 34	178 060.757 9	0.025 3
	42 ← 41	213 644.027 4	0.004 9
	43 ← 42	218 726.129 0	-0.004 3
	44 ← 43	223 807.920 3	0.002 4
	45 ← 44	228 889.365 9	-0.003 1
$(5\nu_5^3)^{3f}$			
	11 ← 10	56 081.423 6	0.002 3
	12 ← 11	61 179.281 0	0.012 4
	13 ← 12	66 276.990 0	-0.004 9
	14 ← 13	71 374.600 8	0.010 6
	15 ← 14	76 472.029 5	-0.014 9
	16 ← 15	81 569.363 8	0.016 2
	17 ← 16	86 666.493 5	0.004 0
	18 ← 17	91 763.458 3	-0.002 0
	19 ← 18	96 860.256 3	0.006 5
	20 ← 19	101 956.835 3	-0.012 8
	21 ← 20	107 053.233 6	-0.011 5
	22 ← 21	112 149.424 9	-0.005 9

	23 ← 22	117 245.396 7	0.001 5
	32 ← 31	163 097.471 6	0.003 4
	33 ← 32	168 190.665 3	-0.005 6
	34 ← 33	173 283.527 5	-0.015 1
	35 ← 34	178 376.107 7	0.034 0
	42 ← 41	214 013.422 5	0.001 1
	43 ← 42	219 102.876 9	0.005 2
	44 ← 43	224 191.889 1	-0.003 6
	45 ← 44	229 280.472 1	-0.002 6
$(5\nu_5^5)^{5e}$			
	11 ← 10	56 298.671 9	-0.008 3
	12 ← 11	61 416.264 3	0.004 6
	13 ← 12	66 533.702 8	-0.010 8
	14 ← 13	71 651.041 7	0.010 6
	15 ← 14	76 768.200 1	-0.001 9
	16 ← 15	81 885.229 7	0.013 9
	17 ← 16	87 002.068 8	0.006 9
	18 ← 17	92 118.732 9	0.002 8
	19 ← 18	97 235.216 5	0.006 8
	20 ← 19	102 351.477 3	-0.013 2
	21 ← 20	107 467.551 0	-0.010 9
	22 ← 21	112 583.410 4	-0.003 1
	23 ← 22	117 699.033 9	-0.001 1
	32 ← 31	163 727.542 3	-0.014 5
	33 ← 32	168 840.310 5	0.004 9
	34 ← 33	173 952.749 9	0.039 6
	42 ← 41	214 838.315 2	-0.008 4
	43 ← 42	219 947.170 0	0.001 6
	44 ← 43	225 055.569 8	0.003 3
$(6\nu_5^0)^{0e}$			
	11 ← 10	55 976.601 4	0.007 8
	12 ← 11	61 065.260 3	0.011 2
	13 ← 12	66 153.856 5	-0.015 7
	14 ← 13	71 242.658 4	0.198 0 *
	15 ← 14	76 330.957 5	-0.053 7 *
	16 ← 15	81 419.563 0	0.040 8 *
	17 ← 16	86 508.006 9	0.015 9
	18 ← 17	91 596.416 4	0.001 3
	19 ← 18	96 684.795 1	0.002 8
	20 ← 19	101 773.114 1	-0.006 3
	21 ← 20	106 861.383 1	-0.013 9
	22 ← 21	111 949.614 0	-0.005 9
	23 ← 22	117 037.785 7	-0.001 4
	32 ← 31	162 828.455 3	0.013 1
	33 ← 32	167 915.971 0	0.031 2
	34 ← 33	173 003.362 8	0.003 1
	35 ← 34	178 090.700 6	0.000 6
	42 ← 41	213 699.672 7	-0.004 4
	43 ← 42	218 786.299 8	-0.003 8
	44 ← 43	223 872.826 7	-0.003 6
	45 ← 44	228 959.261 5	0.007 3
$(6\nu_5^2)^{2e}$			
	11 ← 10	56 106.651 7	-0.085 7 *
	12 ← 11	61 206.762 8	0.004 3
	13 ← 12	66 306.614 5	-0.010 8
	14 ← 13	71 406.316 4	-0.008 5
	15 ← 14	76 505.836 9	-0.007 5
	16 ← 15	81 605.184 2	0.013 2
	17 ← 16	86 704.295 0	0.003 3

	23 ← 22	117 245.396 7	0.001 5
	32 ← 31	163 097.471 6	0.003 4
	33 ← 32	168 190.665 3	-0.005 6
	34 ← 33	173 283.527 5	-0.015 1
	35 ← 34	178 376.107 7	0.034 0
	42 ← 41	214 013.422 5	0.001 1
	43 ← 42	219 102.876 9	0.005 2
	44 ← 43	224 191.889 1	-0.003 6
	45 ← 44	229 280.472 1	-0.002 6
$(5\nu_5^5)^{5f}$			
	11 ← 10	56 298.671 9	-0.008 3
	12 ← 11	61 416.264 3	0.004 6
	13 ← 12	66 533.702 8	-0.010 8
	14 ← 13	71 651.041 7	0.010 6
	15 ← 14	76 768.200 1	-0.001 9
	16 ← 15	81 885.229 7	0.013 9
	17 ← 16	87 002.068 8	0.006 9
	18 ← 17	92 118.732 9	0.002 8
	19 ← 18	97 235.216 5	0.006 8
	20 ← 19	102 351.477 3	-0.013 2
	21 ← 20	107 467.551 0	-0.010 9
	22 ← 21	112 583.410 4	-0.003 1
	23 ← 22	117 699.033 9	-0.001 1
	32 ← 31	163 727.542 3	-0.014 5
	33 ← 32	168 840.310 5	0.004 9
	34 ← 33	173 952.749 9	0.039 6
	42 ← 41	214 838.315 2	-0.008 4
	43 ← 42	219 947.170 0	0.001 6
	44 ← 43	225 055.569 8	0.003 3
$(6\nu_5^2)^{2f}$			
	11 ← 10	56 107.709 4	-0.085 5 *
	12 ← 11	61 208.131 1	-0.003 5
	13 ← 12	66 308.368 7	-0.009 4
	14 ← 13	71 408.518 9	0.001 5
	15 ← 14	76 508.535 9	-0.008 7
	16 ← 15	81 608.468 3	0.016 7
	17 ← 16	86 708.235 1	0.004 6

	$18 \leftarrow 17$	91 803.196 5	0.003 0		$18 \leftarrow 17$	91 807.873 6	0.000 2
	$19 \leftarrow 18$	96 901.869 9	0.006 2		$19 \leftarrow 18$	96 907.380 9	0.008 8
	$20 \leftarrow 19$	102 000.285 5	-0.003 8		$20 \leftarrow 19$	102 006.710 7	-0.008 2
	$21 \leftarrow 20$	107 098.449 6	-0.007 7		$21 \leftarrow 20$	107 105.897 6	-0.008 2
	$22 \leftarrow 21$	112 196.354 2	-0.000 6		$22 \leftarrow 21$	112 204.918 8	-0.006 0
	$23 \leftarrow 22$	117 293.971 9	0.003 0		$23 \leftarrow 22$	117 303.777 8	0.009 8
	$32 \leftarrow 31$	163 157.601 7	0.000 4		$32 \leftarrow 31$	163 184.150 2	0.006 9
	$33 \leftarrow 32$	168 251.673 9	0.006 8		$33 \leftarrow 32$	168 280.807 3	0.012 3
	$34 \leftarrow 33$	173 345.300 8	-0.005 5		$34 \leftarrow 33$	173 377.202 8	0.018 3
	$35 \leftarrow 34$	178 438.553 1	0.047 1		$35 \leftarrow 34$	178 473.267 0	-0.036 9
	$42 \leftarrow 41$	214 077.486 1	-0.008 4		$42 \leftarrow 41$	214 137.931 2	0.002 1
	$43 \leftarrow 42$	219 166.692 8	-0.012 3		$43 \leftarrow 42$	219 231.606 1	-0.004 1
	$44 \leftarrow 43$	224 255.348 5	-0.009 3		$44 \leftarrow 43$	224 324.951 6	-0.000 3
	$45 \leftarrow 44$	229 343.459 9	0.020 7		$45 \leftarrow 44$	229 417.949 3	0.002 6
$(6\nu_5^4)^{4e}$				$(6\nu_5^4)^{4f}$			
	$11 \leftarrow 10$	56 317.350 6	0.004 7		$11 \leftarrow 10$	56 317.350 6	0.004 7
	$12 \leftarrow 11$	61 436.645 7	0.010 6		$12 \leftarrow 11$	61 436.645 7	0.010 6
	$13 \leftarrow 12$	66 555.795 3	-0.006 6		$13 \leftarrow 12$	66 555.795 3	-0.006 6
	$14 \leftarrow 13$	71 674.843 0	0.007 0		$14 \leftarrow 13$	71 674.843 0	0.007 0
	$15 \leftarrow 14$	76 793.730 5	0.003 1		$15 \leftarrow 14$	76 793.730 5	0.003 1
	$16 \leftarrow 15$	81 912.484 3	0.018 6		$16 \leftarrow 15$	81 912.484 3	0.018 6
	$17 \leftarrow 16$	87 031.041 4	0.000 6		$17 \leftarrow 16$	87 031.041 4	0.000 6
	$18 \leftarrow 17$	92 149.415 3	-0.027 3		$18 \leftarrow 17$	92 149.415 3	-0.027 3
	$19 \leftarrow 18$	97 267.668 2	0.007 3		$19 \leftarrow 18$	97 267.668 2	0.007 3
	$20 \leftarrow 19$	102 385.676 2	-0.009 3		$20 \leftarrow 19$	102 385.676 2	-0.009 3
	$21 \leftarrow 20$	107 503.499 2	-0.007 0		$21 \leftarrow 20$	107 503.499 2	-0.007 0
	$22 \leftarrow 21$	112 621.111 3	-0.001 6		$22 \leftarrow 21$	112 621.111 3	-0.001 6
	$23 \leftarrow 22$	117 738.497 2	0.001 7		$23 \leftarrow 22$	117 738.497 2	0.001 7
	$32 \leftarrow 31$	163 783.162 6	-0.017 7		$32 \leftarrow 31$	163 783.162 6	-0.017 7
	$33 \leftarrow 32$	168 897.756 5	-0.008 1		$33 \leftarrow 32$	168 897.756 5	-0.008 1
	$34 \leftarrow 33$	174 012.061 1	0.047 7		$34 \leftarrow 33$	174 012.061 1	0.047 7
	$42 \leftarrow 41$	214 912.730 8	0.004 6		$42 \leftarrow 41$	214 912.730 8	0.004 6
	$43 \leftarrow 42$	220 023.498 3	-0.006 9		$43 \leftarrow 42$	220 023.498 3	-0.006 9
	$44 \leftarrow 43$	225 133.849 7	0.001 0		$44 \leftarrow 43$	225 133.849 7	0.001 0
$(6\nu_5^6)^{6e}$				$(6\nu_5^6)^{6f}$			
	$11 \leftarrow 10$	56 500.732 1	0.006 8		$11 \leftarrow 10$	56 500.732 1	0.006 8
	$12 \leftarrow 11$	61 636.659 4	-0.010 5		$12 \leftarrow 11$	61 636.659 4	-0.010 5
	$13 \leftarrow 12$	66 772.472 5	-0.015 6		$13 \leftarrow 12$	66 772.472 5	-0.015 6
	$14 \leftarrow 13$	71 908.175 7	0.006 4		$14 \leftarrow 13$	71 908.175 7	0.006 4
	$15 \leftarrow 14$	77 043.711 7	0.008 6		$15 \leftarrow 14$	77 043.711 7	0.008 6
	$16 \leftarrow 15$	82 179.088 9	0.010 0		$16 \leftarrow 15$	82 179.088 9	0.010 0
	$17 \leftarrow 16$	87 314.289 5	0.003 4		$17 \leftarrow 16$	87 314.289 5	0.003 4
	$18 \leftarrow 17$	92 449.317 1	0.002 6		$18 \leftarrow 17$	92 449.317 1	0.002 6
	$19 \leftarrow 18$	97 584.163 9	0.010 6		$19 \leftarrow 18$	97 584.163 9	0.010 6
	$20 \leftarrow 19$	102 718.792 6	0.000 4		$20 \leftarrow 19$	102 718.792 6	0.000 4
	$21 \leftarrow 20$	107 853.217 6	-0.003 1		$21 \leftarrow 20$	107 853.217 6	-0.003 1
	$22 \leftarrow 21$	112 987.410 2	-0.018 1		$22 \leftarrow 21$	112 987.410 2	-0.018 1
	$23 \leftarrow 22$	118 121.400 1	-0.004 5		$23 \leftarrow 22$	118 121.400 1	-0.004 5
	$31 \leftarrow 30$	159 183.648 1	0.012 7		$31 \leftarrow 30$	159 183.648 1	0.012 7
	$32 \leftarrow 31$	164 315.039 6	-0.021 2		$32 \leftarrow 31$	164 315.039 6	-0.021 2
	$33 \leftarrow 32$	169 446.138 8	-0.012 0		$33 \leftarrow 32$	169 446.138 8	-0.012 0
	$34 \leftarrow 33$	174 576.934 7	0.039 5		$34 \leftarrow 33$	174 576.934 7	0.039 5
	$41 \leftarrow 40$	210 481.559 6	-0.001 6		$41 \leftarrow 40$	210 481.559 6	-0.001 6
	$42 \leftarrow 41$	215 609.171 8	0.002 2		$42 \leftarrow 41$	215 609.171 8	0.002 2
	$43 \leftarrow 42$	220 736.341 5	0.001 5		$43 \leftarrow 42$	220 736.341 5	0.001 5
	$44 \leftarrow 43$	225 863.059 1	-0.003 0		$44 \leftarrow 43$	225 863.059 1	-0.003 0
$(7\nu_5^1)^{1e}$				$(7\nu_5^1)^{1f}$			
	$11 \leftarrow 10$	56 027.226 6	0.011 0		$11 \leftarrow 10$	56 378.011 4	0.003 6
	$12 \leftarrow 11$	61 120.348 1	0.012 8		$12 \leftarrow 11$	61 502.970 2	0.005 6

	13 ← 12	66 213.371 7	-0.014 6
	14 ← 13	71 306.361 9	-0.001 1
	15 ← 14	76 399.255 6	-0.004 1
	16 ← 15	81 492.087 4	0.016 6
	17 ← 16	86 584.795 7	0.005 1
	18 ← 17	91 677.414 5	0.001 0
	19 ← 18	96 769.940 7	0.006 8
	20 ← 19	101 862.334 2	-0.012 0
	21 ← 20	106 954.631 6	-0.013 2
	22 ← 21	112 046.814 1	-0.010 1
	23 ← 22	117 138.879 6	0.000 9
	32 ← 31	162 960.834 7	-0.014 2
	33 ← 32	168 051.359 2	0.004 1
	34 ← 33	173 141.708 1	0.031 3
	35 ← 34	178 231.833 3	0.024 3
	41 ← 40		
	42 ← 41	213 856.985 8	-0.002 4
	43 ← 42	218 945.413 9	-0.003 5
	44 ← 43	224 033.607 1	-0.003 8
	45 ← 44	229 121.569 1	0.005 2
$(7\nu_5^3)^{3e}$			
	11 ← 10	56 348.386 6	0.002 7
	12 ← 11	61 470.569 8	0.005 5
	13 ← 12	66 592.629 2	-0.010 2
	14 ← 13	71 714.568 7	-0.031 5 *
	15 ← 14	76 836.490 4	0.052 9 *
	16 ← 15	81 958.152 4	0.010 5
	17 ← 16	87 079.702 1	-0.001 9
	18 ← 17	92 201.106 0	-0.008 5
	19 ← 18	97 322.366 7	0.003 0
	20 ← 19	102 443.432 4	-0.009 6
	21 ← 20	107 564.333 5	-0.006 1
	22 ← 21	112 685.053 3	0.006 5
	23 ← 22	117 805.565 1	0.011 7
	32 ← 31	163 879.371 6	-0.032 6
	33 ← 32	168 997.333 0	-0.005 9
	34 ← 33	174 114.982 9	0.024 8
	42 ← 41	215 043.175 3	-0.076 4 *
	43 ← 42	220 157.545 2	0.000 9
	44 ← 43	225 271.413 1	-0.000 8
$(7\nu_5^5)^{5e}$			
	11 ← 10	56 537.755 7	-0.014 2
	12 ← 11	61 677.089 8	-0.000 2
	13 ← 12	66 816.269 0	-0.016 6
	14 ← 13	71 955.343 0	-0.003 4
	15 ← 14	77 094.263 4	0.001 3
	16 ← 15	82 233.030 4	0.008 1
	17 ← 16	87 371.618 5	0.001 8
	18 ← 17	92 510.034 1	-0.000 8
	19 ← 18	97 648.276 5	0.009 8
	20 ← 19	102 786.325 6	0.023 9
	21 ← 20	107 924.119 2	-0.010 4
	22 ← 21	113 061.741 7	0.001 6
	23 ← 22	118 199.117 5	-0.005 4
	31 ← 30	159 288.759 6	0.003 8
	32 ← 31	164 423.635 6	0.008 1
	33 ← 32	169 558.154 2	-0.014 9
	34 ← 33	174 692.360 1	-0.010 2
	41 ← 40	210 621.395 9	-0.000 2

	13 ← 12	66 627.824 8	-0.013 9
	14 ← 13	71 752.621 1	-0.002 2
	15 ← 14	76 877.307 6	-0.003 7
	16 ← 15	82 001.909 9	0.014 1
	17 ← 16	87 126.378 7	0.008 8
	18 ← 17	92 250.723 8	-0.002 7
	19 ← 18	97 374.968 4	0.009 6
	20 ← 19	102 499.052 2	-0.007 6
	21 ← 20	107 623.010 2	-0.012 1
	22 ← 21	112 746.840 6	0.001 1
	23 ← 22	117 870.501 2	-0.003 1
	32 ← 31	163 975.464 3	0.002 5
	33 ← 32	169 097.217 2	0.004 7
	34 ← 33	174 218.750 2	0.017 9
	35 ← 34		
	41 ← 40	210 062.293 6	-0.003 2
	42 ← 41	215 181.703 0	-0.004 2
	43 ← 42	220 300.825 1	0.004 3
	44 ← 43	225 419.630 4	0.000 4
	45 ← 44		
$(7\nu_5^3)^{3f}$			
	11 ← 10	56 348.386 6	-0.004 7
	12 ← 11	61 470.569 8	0.000 3
	13 ← 12	66 592.629 2	-0.012 9
	14 ← 13	71 714.568 7	-0.031 6 *
	15 ← 14	76 836.490 4	0.055 4 *
	16 ← 15	81 958.152 4	0.015 3
	17 ← 16	87 079.702 1	0.004 5
	18 ← 17	92 201.106 0	-0.001 3
	19 ← 18	97 322.366 7	0.009 7
	20 ← 19	102 443.432 4	-0.005 0
	21 ← 20	107 564.333 5	-0.005 7
	22 ← 21	112 685.053 3	0.000 3
	23 ← 22	117 805.565 1	-0.004 2
	32 ← 31	163 879.727 5	-0.003 3
	33 ← 32	168 997.731 9	-0.002 9
	34 ← 33	174 115.453 5	0.021 8
	42 ← 41	215 044.687 8	0.018 1 *
	43 ← 42	220 159.103 8	-0.012 6
	44 ← 43	225 273.155 7	0.010 2
$(7\nu_5^5)^{5f}$			
	11 ← 10	56 537.755 7	-0.014 2
	12 ← 11	61 677.089 8	-0.000 2
	13 ← 12	66 816.269 0	-0.016 6
	14 ← 13	71 955.343 0	-0.003 4
	15 ← 14	77 094.263 4	0.001 3
	16 ← 15	82 233.030 4	0.008 1
	17 ← 16	87 371.618 5	0.001 8
	18 ← 17	92 510.034 1	-0.000 8
	19 ← 18	97 648.276 5	0.009 8
	20 ← 19	102 786.325 6	0.023 9
	21 ← 20	107 924.119 2	-0.010 4
	22 ← 21	113 061.741 7	0.001 6
	23 ← 22	118 199.117 5	-0.005 4
	31 ← 30	159 288.759 6	0.003 8
	32 ← 31	164 423.635 6	0.008 1
	33 ← 32	169 558.154 2	-0.014 9
	34 ← 33	174 692.360 1	-0.010 2
	41 ← 40	210 621.395 9	-0.000 2

	42 ← 41	215 752.509 5	0.000 1
	43 ← 42	220 883.185 9	-0.005 3
	44 ← 43	226 013.437 0	0.005 6
$(7\nu_5^7)^{7e}$			
	11 ← 10	56 697.663 3	0.006 1
	12 ← 11	61 851.548 9	0.048 8 *
	13 ← 12	67 005.178 6	-0.036 7 *
	14 ← 13	72 158.786 5	-0.005 8
	15 ← 14	77 312.223 6	0.003 2
	16 ← 15	82 465.495 6	0.006 7
	17 ← 16	87 618.586 6	-0.000 8
	18 ← 17	92 771.504 9	-0.000 3
	19 ← 18	97 924.235 4	0.003 7
	20 ← 19	103 076.750 3	-0.006 1
	21 ← 20	108 229.059 5	-0.009 1
	22 ← 21	113 381.160 8	0.002 9
	23 ← 22	118 533.015 9	0.002 4
	31 ← 30	159 738.184 8	-0.002 6
	32 ← 31	164 887.451 7	-0.015 9
	33 ← 32	170 036.402 3	-0.007 0
	34 ← 33	175 185.017 7	0.015 8
	41 ← 40	211 214.511 8	0.007 6
	42 ← 41	216 359.929 7	-0.001 0
	43 ← 42	221 504.912 4	-0.002 4
	44 ← 43	226 649.444 2	-0.002 1
$(8\nu_5^2)^{2e}$			
	11 ← 10	56 424.971 0	-0.090 6 *
	12 ← 11	61 553.857 3	-0.021 4
	13 ← 12	66 682.489 7	-0.013 1
	14 ← 13	71 810.917 9	0.000 5
	15 ← 14	76 939.102 3	-0.003 4
	16 ← 15	82 067.068 8	0.018 0
	17 ← 16	87 194.742 5	0.006 7
	18 ← 17	92 322.145 3	0.001 8
	19 ← 18	97 449.265 7	0.009 1
	20 ← 19	102 576.060 1	0.002 3
	21 ← 20	107 702.528 6	-0.000 8
	22 ← 21	112 828.650 2	-0.003 8
	23 ← 22	117 954.419 7	0.006 0
	32 ← 31	164 066.839 5	-0.023 5
	33 ← 32	169 187.974 3	-0.007 6
	34 ← 33	174 308.507 4	-0.029 6
	41 ← 40	210 135.177 4	0.011 2
	42 ← 41	215 250.592 6	0.004 2
	43 ← 42	220 365.294 3	-0.001 5
	44 ← 43	225 479.267 3	-0.006 6
$(8\nu_5^4)^{4e}$			
	11 ← 10	56 589.797 5	-0.001 9
	13 ← 12	66 877.754 5	-0.018 7
	14 ← 13	72 021.575 2	0.012 4
	15 ← 14	77 165.213 5	0.006 6
	16 ← 15	82 308.699 2	0.003 9
	17 ← 16	87 452.029 2	0.011 7
	18 ← 17	92 595.168 1	0.004 8
	19 ← 18	97 738.117 8	-0.004 4
	20 ← 19	102 880.879 7	-0.004 2
	21 ← 20	108 023.424 6	-0.013 5
	22 ← 21	113 165.775 7	0.001 3
	23 ← 22	118 307.882 2	-0.000 3

	42 ← 41	215 752.509 5	0.000 1
	43 ← 42	220 883.185 9	-0.005 3
	44 ← 43	226 013.437 0	0.005 6
$(7\nu_5^7)^{7f}$			
	11 ← 10	56 697.663 3	0.006 1
	12 ← 11	61 851.548 9	0.048 8 *
	13 ← 12	67 005.178 6	-0.036 7 *
	14 ← 13	72 158.786 5	-0.005 8
	15 ← 14	77 312.223 6	0.003 2
	16 ← 15	82 465.495 6	0.006 7
	17 ← 16	87 618.586 6	-0.000 8
	18 ← 17	92 771.504 9	-0.000 3
	19 ← 18	97 924.235 4	0.003 7
	20 ← 19	103 076.750 3	-0.006 1
	21 ← 20	108 229.059 5	-0.009 1
	22 ← 21	113 381.160 8	0.002 9
	23 ← 22	118 533.015 9	0.002 4
	31 ← 30	159 738.184 8	-0.002 6
	32 ← 31	164 887.451 7	-0.015 9
	33 ← 32	170 036.402 3	-0.007 0
	34 ← 33	175 185.017 7	0.015 8
	41 ← 40	211 214.511 8	0.007 6
	42 ← 41	216 359.929 7	-0.001 0
	43 ← 42	221 504.912 4	-0.002 4
	44 ← 43	226 649.444 2	-0.002 1
$(8\nu_5^2)^{2f}$			
	11 ← 10	56 427.368 4	-0.044 6 *
	12 ← 11	61 556.955 4	0.011 4
	13 ← 12	66 686.402 2	-0.011 1
	14 ← 13		
	15 ← 14	76 945.140 5	-0.004 1
	16 ← 15	82 074.408 4	0.012 8
	17 ← 16	87 203.562 3	-0.000 2
	18 ← 17	92 332.641 2	0.001 6
	19 ← 18	97 461.622 0	0.001 0
	20 ← 19	102 590.490 8	-0.010 0
	21 ← 20	107 719.270 3	-0.002 8
	22 ← 21	112 847.930 1	-0.001 5
	23 ← 22	117 976.471 2	0.001 0
	32 ← 31	164 126.870 1	0.009 5
	33 ← 32	169 253.853 7	0.011 4
	34 ← 33	174 380.632 4	0.001 5
	41 ← 40	210 262.155 3	-0.006 4
	42 ← 41		
	43 ← 42	220 511.898 2	0.004 1
	44 ← 43	225 636.370 4	-0.000 3
$(8\nu_5^4)^{4f}$			
	11 ← 10	56 589.797 5	-0.001 9
	13 ← 12	66 877.754 5	-0.018 7
	14 ← 13	72 021.575 2	0.012 4
	15 ← 14	77 165.213 5	0.006 6
	16 ← 15	82 308.699 2	0.003 9
	17 ← 16	87 452.029 2	0.011 7
	18 ← 17	92 595.168 1	0.004 8
	19 ← 18	97 738.117 8	-0.004 4
	20 ← 19	102 880.879 7	-0.004 2
	21 ← 20	108 023.424 6	-0.013 5
	22 ← 21	113 165.775 7	0.001 3
	23 ← 22	118 307.882 2	-0.000 3

	31 ← 30	159 435.298 1	0.003 7
	32 ← 31	164 574.900 6	0.015 8
	33 ← 32	169 714.130 7	-0.013 4
	41 ← 40	210 815.073 7	0.005 1
	42 ← 41	215 950.882 9	-0.004 4
	43 ← 42	221 086.273 9	0.001 1
	44 ← 43	226 221.213 9	-0.001 0
$(8\nu_5^6)^{6e}$			
	11 ← 10	56 747.066 4	-0.001 1
	12 ← 11	61 905.402 5	-0.004 4
	13 ← 12	67 063.590 2	-0.029 7 *
	14 ← 13	72 221.682 3	-0.013 7 *
	16 ← 15	82 537.418 1	0.023 0
	17 ← 16	87 694.992 1	-0.005 0
	18 ← 17	92 852.420 4	0.000 2
	19 ← 18	98 009.662 9	0.009 2
	20 ← 19	103 166.684 0	-0.003 3
	21 ← 20	108 323.501 0	-0.009 4
	22 ← 21	113 480.099 6	-0.012 9
	23 ← 22	118 636.482 5	-0.000 7
	31 ← 30	159 877.877 7	0.014 1
	32 ← 31	165 031.681 7	0.000 2
	33 ← 32	170 185.157 5	-0.006 3
	34 ← 33	175 338.325 5	0.025 6
	41 ← 40	211 399.690 6	-0.003 0
	42 ← 41	216 549.684 5	-0.004 4
	43 ← 42	221 699.250 6	0.005 3
	44 ← 43	226 848.351 7	-0.000 7
$(8\nu_5^8)^{8e}$			
	11 ← 10	56 890.123 4	0.003 0
	12 ← 11	62 061.456 2	0.002 5
	13 ← 12	67 232.641 5	-0.016 1
	14 ← 13	72 403.721 1	-0.000 3
	15 ← 14	77 574.644 8	0.010 4
	16 ← 15	82 745.393 0	0.007 2
	17 ← 16	87 915.967 0	0.002 2
	18 ← 17	93 086.359 3	-0.001 5
	19 ← 18	98 256.566 8	0.003 7
	20 ← 19	103 426.554 2	-0.006 6
	21 ← 20	108 596.337 7	-0.005 5
	22 ← 21	113 765.898 8	-0.000 9
	23 ← 22	118 935.219 7	0.000 1
	31 ← 30	160 279.988 3	0.011 2
	32 ← 31	165 446.686 3	-0.000 4
	33 ← 32	170 613.052 9	-0.000 3
	41 ← 40	211 930.359 3	-0.000 4
	42 ← 41	217 093.159 5	-0.002 2
	43 ← 42	222 255.518 2	0.003 2
	44 ← 43	227 417.408 1	-0.001 2
$(9\nu_5^5)^{5e}$			
	11 ← 10	56 806.943 6	0.002 1
	12 ← 11	61 970.730 6	0.010 1
	20 ← 19	103 275.408 3	-0.065 8 *
	21 ← 20	108 437.717 5	-0.006 9
	22 ← 21	113 599.752 0	0.000 2
	23 ← 22	118 761.541 3	-0.004 4
	31 ← 30	160 046.216 9	-0.002 5
	32 ← 31	165 205.447 3	0.012 3
	33 ← 32	170 364.330 5	0.019 3

	31 ← 30	159 435.298 1	0.003 7
	32 ← 31	164 574.900 6	0.015 8
	33 ← 32	169 714.130 7	-0.013 4
	41 ← 40	210 815.073 7	0.005 1
	42 ← 41	215 950.882 9	-0.004 4
	43 ← 42	221 086.273 9	0.001 1
	44 ← 43	226 221.213 9	-0.001 0
$(8\nu_5^6)^{6f}$			
	11 ← 10	56 747.066 4	-0.001 1
	12 ← 11	61 905.402 5	-0.004 4
	13 ← 12	67 063.590 2	-0.029 7 *
	14 ← 13	72 221.682 3	-0.013 7 *
	16 ← 15	82 537.418 1	0.023 0
	17 ← 16	87 694.992 1	-0.005 0
	18 ← 17	92 852.420 4	0.000 2
	19 ← 18	98 009.662 9	0.009 2
	20 ← 19	103 166.684 0	-0.003 3
	21 ← 20	108 323.501 0	-0.009 4
	22 ← 21	113 480.099 6	-0.012 9
	23 ← 22	118 636.482 5	-0.000 7
	31 ← 30	159 877.877 7	0.014 1
	32 ← 31	165 031.681 7	0.000 2
	33 ← 32	170 185.157 5	-0.006 3
	34 ← 33	175 338.325 5	0.025 6
	41 ← 40	211 399.690 6	-0.003 0
	42 ← 41	216 549.684 5	-0.004 4
	43 ← 42	221 699.250 6	0.005 3
	44 ← 43	226 848.351 7	-0.000 7
$(8\nu_5^8)^{8f}$			
	11 ← 10	56 890.123 4	0.003 0
	12 ← 11	62 061.456 2	0.002 5
	13 ← 12	67 232.641 5	-0.016 1
	14 ← 13	72 403.721 1	-0.000 3
	15 ← 14	77 574.644 8	0.010 4
	16 ← 15	82 745.393 0	0.007 2
	17 ← 16	87 915.967 0	0.002 2
	18 ← 17	93 086.359 3	-0.001 5
	19 ← 18	98 256.566 8	0.003 7
	20 ← 19	103 426.554 2	-0.006 6
	21 ← 20	108 596.337 7	-0.005 5
	22 ← 21	113 765.898 8	-0.000 9
	23 ← 22	118 935.219 7	0.000 1
	31 ← 30	160 279.988 3	0.011 2
	32 ← 31	165 446.686 3	-0.000 4
	33 ← 32	170 613.052 9	-0.000 3
	41 ← 40	211 930.359 3	-0.000 4
	42 ← 41	217 093.159 5	-0.002 2
	43 ← 42	222 255.518 2	0.003 2
	44 ← 43	227 417.408 1	-0.001 2
$(9\nu_5^5)^{5f}$			
	11 ← 10	56 806.943 6	0.002 1
	12 ← 11	61 970.730 6	0.010 1
	20 ← 19	103 275.408 3	-0.065 8 *
	21 ← 20	108 437.717 5	-0.006 9
	22 ← 21	113 599.752 0	0.000 2
	23 ← 22	118 761.541 3	-0.004 4
	31 ← 30	160 046.216 9	-0.002 5
	32 ← 31	165 205.447 3	0.012 3
	33 ← 32	170 364.330 5	0.019 3

	34 ← 33	175 522.811 3	-0.026 1
	41 ← 40	211 621.833 5	0.001 2
	42 ← 41	216 777.184 6	0.006 8
	43 ← 42	221 932.078 7	0.000 5
	44 ← 43	227 086.516 7	-0.006 2
$(9\nu_5^7)^{7e}$			
	11 ← 10	56 947.877 1	0.026 2
	12 ← 11	62 124.463 0	0.028 1 *
	13 ← 12	67 300.838 5	-0.051 8 *
	14 ← 13	72 477.207 3	0.001 1
	15 ← 14	77 653.387 4	0.015 3
	16 ← 15	82 829.395 2	0.018 0
	17 ← 16	88 005.175 4	-0.035 3
	18 ← 17	93 180.845 0	-0.017 1
	19 ← 18	98 356.322 4	0.001 9
	20 ← 19	103 531.567 9	-0.007 5
	21 ← 20	108 706.613 5	-0.002 4
	22 ← 21	113 881.436 6	0.005 1
	31 ← 30	160 442.881 3	-0.005 9
	32 ← 31	165 614.838 2	-0.028 2
	33 ← 32	170 786.540 7	0.037 4
	34 ← 33	175 957.800 7	0.013 2
	41 ← 40	212 146.034 3	0.027 9
	42 ← 41	217 314.052 5	-0.033 8
	43 ← 42	222 481.583 8	-0.134 3 *
	44 ← 43	227 648.897 2	0.006 0
$(9\nu_5^9)^{9e}$			
	11 ← 10	57 078.697 4	-0.005 9
	12 ← 11	62 267.178 6	0.006 6
	13 ← 12	67 455.505 4	-0.003 9
	14 ← 13	72 643.721 8	0.017 6 *
	15 ← 14	77 831.750 3	0.004 7
	16 ← 15	83 019.622 8	0.000 0
	17 ← 16	88 207.324 0	-0.000 7
	18 ← 17	93 394.838 8	-0.001 6
	19 ← 18	98 582.169 5	0.010 4
	20 ← 19	103 769.265 7	-0.004 2
	21 ← 20	108 956.156 1	-0.005 6
	22 ← 21	114 142.821 2	-0.002 6
	31 ← 30	160 810.664 3	0.015 8
	32 ← 31	165 994.381 2	-0.034 1 *
	34 ← 33	176 360.956 8	0.065 9 *
	41 ← 40	212 631.315 4	-0.000 2
	42 ← 41	217 811.101 0	-0.006 5
	43 ← 42	222 990.447 5	0.004 5
	44 ← 43	228 169.312 2	0.000 8
$(10\nu_5^6)^{6e}$			
	31 ← 30	160 631.434 7	-0.021 3
	32 ← 31	165 809.468 2	0.040 7
	33 ← 32	170 987.028 3	-0.019 4
	34 ← 33	176 164.184 7	-0.121 0 *
$(10\nu_5^8)^{8e}$			
	16 ← 15	83 111.405 9	-0.002 5
	17 ← 16	88 304.847 7	-0.000 3
	18 ← 17	93 498.102 3	0.000 7
	19 ← 18	98 691.163 4	0.005 1
	20 ← 19	103 883.936 6	-0.070 5 *
	21 ← 20	109 076.640 2	0.003 0
	22 ← 21	114 269.032 0	-0.005 6

	34 ← 33	175 522.811 3	-0.026 1
	41 ← 40	211 621.833 5	0.001 2
	42 ← 41	216 777.184 6	0.006 8
	43 ← 42	221 932.078 7	0.000 5
	44 ← 43	227 086.516 7	-0.006 2
$(9\nu_5^7)^{7f}$			
	11 ← 10	56 947.877 1	0.026 2
	12 ← 11	62 124.463 0	0.028 1 *
	13 ← 12	67 300.838 5	-0.051 8 *
	14 ← 13	72 477.207 3	0.001 1
	15 ← 14	77 653.387 4	0.015 3
	16 ← 15	82 829.395 2	0.018 0
	17 ← 16	88 005.175 4	-0.035 3
	18 ← 17	93 180.845 0	-0.017 1
	19 ← 18	98 356.322 4	0.001 9
	20 ← 19	103 531.567 9	-0.007 5
	21 ← 20	108 706.613 5	-0.002 4
	22 ← 21	113 881.436 6	0.005 1
	31 ← 30	160 442.881 3	-0.005 9
	32 ← 31	165 614.838 2	-0.028 2
	33 ← 32	170 786.540 7	0.037 4
	34 ← 33	175 957.800 7	0.013 2
	41 ← 40	212 146.034 3	0.027 9
	42 ← 41	217 314.052 5	-0.033 8
	43 ← 42	222 481.583 8	-0.134 3 *
	44 ← 43	227 648.897 2	0.006 0
$(9\nu_5^9)^{9f}$			
	11 ← 10	57 078.697 4	-0.005 9
	12 ← 11	62 267.178 6	0.006 6
	13 ← 12	67 455.505 4	-0.003 9
	14 ← 13	72 643.721 8	0.017 6 *
	15 ← 14	77 831.750 3	0.004 7
	16 ← 15	83 019.622 8	0.000 0
	17 ← 16	88 207.324 0	-0.000 7
	18 ← 17	93 394.838 8	-0.001 6
	19 ← 18	98 582.169 5	0.010 4
	20 ← 19	103 769.265 7	-0.004 2
	21 ← 20	108 956.156 1	-0.005 6
	22 ← 21	114 142.821 2	-0.002 6
	31 ← 30	160 810.664 3	0.015 8
	32 ← 31	165 994.381 2	-0.034 1 *
	34 ← 33	176 360.956 8	0.065 9 *
	41 ← 40	212 631.315 4	-0.000 2
	42 ← 41	217 811.101 0	-0.006 5
	43 ← 42	222 990.447 5	0.004 5
	44 ← 43	228 169.312 2	0.000 8
$(10\nu_5^6)^{6f}$			
	31 ← 30	160 631.434 7	-0.021 3
	32 ← 31	165 809.468 2	0.040 7
	33 ← 32	170 987.028 3	-0.019 4
	34 ← 33	176 164.184 7	-0.121 0 *
$(10\nu_5^8)^{8f}$			
	16 ← 15	83 111.405 9	-0.002 5
	17 ← 16	88 304.847 7	-0.000 3
	18 ← 17	93 498.102 3	0.000 7
	19 ← 18	98 691.163 4	0.005 1
	20 ← 19	103 883.936 6	-0.070 5 *
	21 ← 20	109 076.640 2	0.003 0
	22 ← 21	114 269.032 0	-0.005 6

	31 ← 30	160 988.485 8	-0.022 5
	32 ← 31	166 178.034 0	0.021 1
	33 ← 32	171 367.070 0	-0.098 2 *
	34 ← 33	176 555.963 8	0.000 6
	41 ← 40	212 866.527 7	-0.004 7
	42 ← 41	218 052.062 7	0.006 8
	44 ← 43	228 421.717 2	-0.002 2
$(10\nu_5^{10})^{10e}$			
	16 ← 15	83 288.910 0	0.003 7
	17 ← 16	88 493.413 6	-0.005 8
	18 ← 17	93 697.771 9	0.029 2
	19 ← 18	98 901.865 3	0.000 1
	20 ← 19	104 105.768 6	-0.007 1
	21 ← 20	109 309.448 5	-0.014 5
	22 ← 21	114 512.916 1	0.000 1
	31 ← 30	161 331.604 9	-0.008 1
	32 ← 31	166 532.090 7	-0.020 2
	33 ← 32	171 732.230 1	-0.022 0
	34 ← 33	176 932.029 2	0.003 7
	41 ← 40	213 319.222 3	0.013 6
	42 ← 41	218 515.642 4	0.002 1
	43 ← 42	223 711.621 0	0.016 6
	44 ← 43	228 907.066 3	-0.023 4
$(\nu_4^1)^{1e}$			
	11 ← 10	55 230.609 9	0.000 9
	12 ← 11	60 251.004 3	0.013 4
	13 ← 12	65 271.210 0	-0.010 9
	14 ← 13	70 291.279 2	-0.007 1
	15 ← 14	75 311.176 6	0.002 1
	16 ← 15	80 330.886 3	0.013 3
	17 ← 16	85 350.374 2	0.005 3
	18 ← 17	90 369.649 4	-0.000 5
	19 ← 18	95 388.712 4	0.009 2
	20 ← 19	100 407.498 9	-0.017 3
	21 ← 20	105 426.065 3	-0.011 2
	22 ← 21	110 444.367 3	-0.004 0
	23 ← 22	115 462.393 3	0.005 2
	32 ← 31	160 609.961 0	-0.000 0
	33 ← 32	165 624.504 9	-0.004 0
	34 ← 33	170 638.644 3	0.003 1
	35 ← 34	175 652.378 6	0.033 0
	42 ← 41	210 735.251 7	0.000 1
	43 ← 42	215 745.076 2	-0.010 3
	44 ← 43	220 754.382 9	0.000 7
	45 ← 44	225 763.132 0	0.005 4
$(\nu_4^1+\nu_5^1)^{0e}$			
	11 ← 10	55 368.763 5	-0.001 1
	12 ← 11	60 401.842 9	0.012 6
	13 ← 12	65 434.765 9	-0.010 7
	14 ← 13	70 467.591 8	-0.001 8
	15 ← 14	75 500.274 9	0.003 6
	16 ← 15	80 532.815 7	0.015 8
	17 ← 16	85 565.176 3	0.006 8
	18 ← 17	90 597.374 1	0.003 8
	19 ← 18	95 629.399 1	0.006 7
	20 ← 19	100 661.210 3	-0.015 7
	21 ← 20	105 692.849 8	-0.011 5
	22 ← 21	110 724.278 9	-0.009 7
	23 ← 22	115 755.496 7	-0.001 4

	31 ← 30	160 988.485 8	-0.022 5
	32 ← 31	166 178.034 0	0.021 1
	33 ← 32	171 367.070 0	-0.098 2 *
	34 ← 33	176 555.963 8	0.000 6
	41 ← 40	212 866.527 7	-0.004 7
	42 ← 41	218 052.062 7	0.006 8
	44 ← 43	228 421.717 2	-0.002 2
$(10\nu_5^{10})^{10f}$			
	16 ← 15	83 288.910 0	0.003 7
	17 ← 16	88 493.413 6	-0.005 8
	18 ← 17	93 697.771 9	0.029 2
	19 ← 18	98 901.865 3	0.000 1
	20 ← 19	104 105.768 6	-0.007 1
	21 ← 20	109 309.448 5	-0.014 5
	22 ← 21	114 512.916 1	0.000 1
	31 ← 30	161 331.604 9	-0.008 1
	32 ← 31	166 532.090 7	-0.020 2
	33 ← 32	171 732.230 1	-0.022 0
	34 ← 33	176 932.029 2	0.003 7
	41 ← 40	213 319.222 3	0.013 6
	42 ← 41	218 515.642 4	0.002 1
	43 ← 42	223 711.621 0	0.016 6
	44 ← 43	228 907.066 3	-0.023 4
$(\nu_4^1)^{1f}$			
	11 ← 10	55 283.555 5	-0.023 7
	12 ← 11	60 308.668 3	-0.003 3
	13 ← 12	65 333.557 0	-0.027 7
	14 ← 13	70 358.284 7	-0.018 8
	15 ← 14	75 382.809 6	-0.003 6
	16 ← 15	80 407.109 4	0.010 6
	17 ← 16	85 431.149 9	0.004 4
	18 ← 17	90 454.941 9	0.003 6
	19 ← 18	95 478.472 0	0.009 7
	20 ← 19	100 501.705 9	0.003 3
	21 ← 20	105 524.644 6	0.000 1
	22 ← 21	110 547.282 9	0.010 0
	23 ← 22	115 569.595 4	0.022 4
	32 ← 31	160 753.061 9	0.008 9
	33 ← 32	165 771.255 2	0.000 6
	34 ← 33	170 788.961 4	-0.003 7
	35 ← 34	175 806.191 4	0.021 8
	42 ← 41	210 911.167 9	-0.031 2
	43 ← 42	215 923.809 6	-0.017 3
	44 ← 43	220 935.821 2	0.004 6
	45 ← 44	225 947.182 6	0.028 9
$(\nu_4^1+\nu_5^1)^{0f}$			
	11 ← 10	55 492.626 3	-0.000 8
	12 ← 11	60 536.784 9	0.005 4
	13 ← 12		
	14 ← 13	70 624.570 8	-0.006 4
	15 ← 14	75 668.187 3	-0.007 9
	16 ← 15	80 711.615 2	0.007 3
	17 ← 16	85 754.803 1	0.001 3
	18 ← 17	90 797.756 1	-0.007 2
	19 ← 18	95 840.481 1	0.002 1
	20 ← 19	100 882.929 0	-0.006 4
	21 ← 20	105 925.119 4	0.000 1
	22 ← 21	110 967.032 5	0.015 4
	23 ← 22	116 008.611 2	-0.004 5

	32 ← 31	161 025.001 3	0.020 7
	33 ← 32	166 053.450 7	-0.029 0
	34 ← 33	171 081.675 2	0.020 1
	35 ← 34	176 109.522 7	0.025 3
	42 ← 41	211 294.272 8	-0.004 9
	43 ← 42	216 319.119 0	0.000 7
	44 ← 43	221 343.546 5	0.004 4
	45 ← 44	226 367.537 3	-0.002 8
$(\nu_4^1+\nu_5^1)^{2e}$			
	11 ← 10	55 452.878 5	-0.085 5 *
	12 ← 11	60 493.548 8	0.012 3
	13 ← 12	65 533.942 0	-0.009 0
	14 ← 13	70 574.187 0	-0.007 4
	15 ← 14	75 614.251 4	-0.002 2
	16 ← 15	80 654.130 3	0.014 8
	17 ← 16	85 693.774 9	0.007 8
	18 ← 17	90 733.199 2	0.003 9
	19 ← 18	95 772.394 1	0.007 1
	20 ← 19	100 811.314 6	-0.014 7
	21 ← 20	105 849.999 1	-0.010 1
	22 ← 21	110 888.410 6	-0.003 0
	23 ← 22	115 926.495 6	-0.034 0 *
	32 ← 31	161 254.466 4	-0.002 5
	33 ← 32	166 289.011 4	0.018 1
	34 ← 33	171 323.084 1	-0.004 4
	35 ← 34	176 356.818 2	0.076 4 *
	42 ← 41	211 578.886 1	-0.000 1
	43 ← 42	216 608.557 0	0.003 7
	44 ← 43	221 637.723 2	0.056 7 *
	45 ← 44	226 666.210 2	-0.003 1
$(\nu_4^1+2\nu_5^0)^{1e}$			
	11 ← 10	55 126.822 2	-0.003 2
	12 ← 11	60 137.961 2	-0.002 3
	13 ← 12	65 148.981 3	-0.018 6
	14 ← 13	70 159.909 9	-0.016 2
	15 ← 14	75 170.739 8	0.005 9
	16 ← 15	80 181.425 1	0.010 1
	17 ← 16	85 191.978 1	0.016 9
	18 ← 17	90 202.357 8	-0.006 4
	19 ← 18	95 212.620 3	0.004 4
	20 ← 19	100 222.705 0	-0.003 3
	21 ← 20	105 232.630 5	-0.002 7
	22 ← 21	110 242.381 0	-0.001 7
	23 ← 22	115 251.958 7	0.009 9
	32 ← 31	160 328.524 8	0.014 5
	33 ← 32	165 335.834 2	0.015 0
	34 ← 33	170 342.858 4	-0.003 2
	35 ← 34		
	42 ← 41	210 388.764 0	-0.010 4
	43 ← 42	215 393.096 9	-0.013 1
	44 ← 43	220 397.116 3	0.003 9
	45 ← 44	225 400.788 2	0.012 7
$(\nu_4^1+2\nu_5^2)^{1e}$			
	11 ← 10	55 588.120 8	0.000 3
	12 ← 11	60 641.199 6	0.015 0
	13 ← 12	65 694.134 7	-0.009 2
	14 ← 13	70 746.980 0	-0.009 9
	15 ← 14	75 799.705 8	-0.008 0
	16 ← 15	80 852.322 1	0.015 3

	32 ← 31	161 367.356 8	-0.003 0
	33 ← 32	166 405.231 8	-0.011 5
	34 ← 33	171 442.721 1	0.036 8
	35 ← 34	176 479.663 5	-0.006 6
	42 ← 41	211 724.768 3	-0.005 4
	43 ← 42	216 757.669 8	0.000 2
	44 ← 43	221 789.989 1	-0.010 2
	45 ← 44	226 821.762 5	0.011 6
$(\nu_4^1+\nu_5^1)^{2f}$			
	11 ← 10	55 453.722 0	0.075 3 *
	12 ← 11	60 494.430 6	0.006 3
	13 ← 12	65 535.077 0	-0.004 1
	14 ← 13	70 575.601 8	-0.005 2
	15 ← 14	75 615.992 8	0.000 8
	16 ← 15	80 656.240 7	0.014 7
	17 ← 16	85 696.308 0	0.009 0
	18 ← 17	90 736.196 6	-0.004 3
	19 ← 18	95 775.928 0	0.006 4
	20 ← 19	100 815.435 9	-0.015 1
	21 ← 20	105 854.771 7	-0.007 4
	22 ← 21	110 893.894 2	-0.001 6
	23 ← 22	115 932.792 1	0.001 0
	32 ← 31	161 271.236 6	0.014 0
	33 ← 32	166 307.333 1	-0.016 7
	34 ← 33	171 343.175 9	0.031 1
	35 ← 34	176 378.591 0	-0.006 6
	42 ← 41	211 616.333 9	-0.005 0
	43 ← 42	216 648.687 6	-0.003 8
	44 ← 43	221 680.607 9	-0.003 2
	45 ← 44	226 712.096 8	0.009 0
$(\nu_4^1+2\nu_5^0)^{1f}$			
	11 ← 10	55 160.448 2	0.009 9
	12 ← 11	60 174.718 4	0.017 2
	13 ← 12	65 188.866 6	-0.013 7
	14 ← 13	70 202.949 3	-0.019 5
	15 ← 14	75 216.959 3	-0.000 5
	16 ← 15	80 230.852 1	0.005 5
	17 ← 16	85 244.642 7	0.020 4
	18 ← 17	90 258.276 1	-0.004 3
	19 ← 18	95 271.817 2	0.003 1
	20 ← 19	100 285.203 5	-0.013 3
	21 ← 20	105 298.476 0	-0.006 0
	22 ← 21	110 311.593 8	-0.009 2
	23 ← 22	115 324.580 6	0.007 1
	32 ← 31	160 433.509 2	0.016 8
	33 ← 32	165 444.635 6	0.021 5
	34 ← 33	170 455.537 7	0.019 7
	35 ← 34	175 466.184 8	-0.013 8
	42 ← 41	210 534.239 7	-0.009 7
	43 ← 42	215 542.948 6	-0.000 7
	44 ← 43	220 551.376 5	-0.002 2
	45 ← 44	225 559.540 6	0.007 5
$(\nu_4^1+2\nu_5^2)^{1f}$			
	11 ← 10	55 622.625 3	-0.003 6
	12 ← 11	60 678.717 1	0.016 9
	13 ← 12	65 734.620 1	-0.012 8
	14 ← 13	70 790.417 2	0.001 6
	15 ← 14	75 846.033 4	-0.003 4
	16 ← 15	80 901.501 3	0.016 2

	17 ← 16	85 904.769 0	0.008 7		17 ← 16	85 956.756 4	0.007 6
	18 ← 17	90 957.065 9	0.000 4		18 ← 17	91 011.814 7	-0.001 9
	19 ← 18	96 009.222 3	0.008 5		19 ← 18	96 066.684 6	0.007 6
	20 ← 19	101 061.187 6	-0.008 8		20 ← 19	101 121.307 8	-0.010 9
	21 ← 20	106 112.994 5	-0.010 2		21 ← 20	106 175.720 7	-0.009 4
	22 ← 21	111 164.622 9	-0.007 1		22 ← 21	111 229.890 9	-0.008 9
	23 ← 22	116 216.065 7	0.002 2		23 ← 22	116 283.815 8	-0.000 8
	32 ← 31	161 668.910 0	0.003 8		32 ← 31	161 755.811 2	0.000 5
	33 ← 32	166 717.951 3	0.005 7		33 ← 32	166 806.600 6	0.025 8
	34 ← 33	171 766.728 8	0.030 9		34 ← 33	171 856.936 7	-0.025 1
	35 ← 34	176 815.141 8	-0.012 9		35 ← 34	176 906.982 6	0.022 0
	42 ← 41	212 145.320 0	-0.030 3 *		42 ← 41	212 245.158 9	0.006 7
	43 ← 42	217 191.125 9	-0.006 1		43 ← 42	217 291.646 8	-0.000 7
	44 ← 43	222 236.539 7	-0.001 0		44 ← 43	222 337.641 3	-0.014 2
	45 ← 44	227 281.572 4	0.004 6		45 ← 44	227 383.172 8	0.007 5
$(\nu_4^1 + 2\nu_5^2)^{3e}$				$(\nu_4^1 + 2\nu_5^2)^{3f}$			
	11 ← 10	55 686.024 3	0.080 2 *		11 ← 10	55 686.024 3	0.080 2 *
	12 ← 11	60 747.777 0	0.043 3 *		12 ← 11	60 747.777 0	0.043 3 *
	13 ← 12	65 809.397 2	0.021 7		13 ← 12	65 809.397 2	0.021 7
	15 ← 14	75 932.180 0	0.013 0		15 ← 14	75 932.180 0	0.013 0
	16 ← 15	80 993.324 8	0.032 1		16 ← 15	80 993.324 8	0.032 1
	17 ← 16	86 054.236 2	0.013 7		17 ← 16	86 054.236 2	0.013 7
	18 ← 17	91 114.945 5	0.001 1		18 ← 17	91 114.945 5	0.001 1
	19 ← 18	96 175.453 0	0.006 3		19 ← 18	96 175.453 0	0.006 3
	20 ← 19	101 235.699 7	-0.017 9		20 ← 19	101 235.699 7	-0.017 9
	21 ← 20	106 295.722 0	-0.023 5		21 ← 20	106 295.722 0	-0.023 5
	22 ← 21	111 355.497 5	-0.021 3		22 ← 21	111 355.497 5	-0.021 3
	23 ← 22	116 415.006 6	-0.019 5		23 ← 22	116 415.006 6	-0.019 5
	32 ← 31	161 936.756 8	-0.015 1		32 ← 31	161 936.756 8	-0.015 1
	33 ← 32	166 993.004 2	-0.004 5		33 ← 32	166 993.004 2	-0.004 5
	34 ← 33	172 048.863 5	0.003 5		34 ← 33	172 048.863 5	0.003 5
	35 ← 34	177 104.319 8	0.004 3		35 ← 34	177 104.319 8	0.004 3
	42 ← 41	212 480.629 9	0.027 8		42 ← 41	212 480.629 9	0.027 8
	43 ← 42	217 532.565 3	0.021 2		43 ← 42	217 532.565 3	0.021 2
	44 ← 43	222 583.998 2	-0.007 7		44 ← 43	222 583.998 2	-0.007 7
	45 ← 44	227 634.951 0	-0.027 7		45 ← 44	227 634.951 0	-0.027 7
$(\nu_4^1 + 3\nu_5^1)^{2e}$				$(\nu_4^1 + 3\nu_5^1)^{2f}$			
	11 ← 10	55 411.252 8	-0.020 7 *		11 ← 10	55 411.252 8	-0.019 4 *
	12 ← 11	60 448.196 5	0.006 5		12 ← 11	60 448.196 5	0.008 6
	13 ← 12	65 484.960 7	-0.022 7		13 ← 12	65 484.960 7	-0.019 9
	14 ← 13	70 521.638 4	-0.004 9		14 ← 13	70 521.638 4	-0.001 8
	15 ← 14	75 558.161 9	0.002 3		15 ← 14	75 558.161 9	0.005 4
	16 ← 15	80 594.533 9	0.011 9		16 ← 15	80 594.533 9	0.014 4
	17 ← 16	85 630.724 9	0.004 6		17 ← 16	85 630.724 9	0.005 8
	18 ← 17	90 666.747 1	0.003 0		18 ← 17	90 666.747 1	0.001 8
	19 ← 18	95 702.590 1	0.006 9		19 ← 18	95 702.590 1	0.001 9
	20 ← 19	100 738.219 7	-0.007 7		20 ← 19	100 738.219 7	-0.018 2
	21 ← 20	105 773.669 8	0.003 3 *		21 ← 20	105 773.669 8	-0.014 5 *
	22 ← 21	110 808.892 4	0.002 3 *		22 ← 21	110 808.892 4	-0.025 4 *
	23 ← 22	115 843.906 6	0.018 6 *		23 ← 22	115 843.906 6	-0.021 8 *
	32 ← 31	161 146.984 8	-0.037 7		32 ← 31	161 147.424 3	0.017 5
	33 ← 32	166 179.225 5	0.025 5		33 ← 32	166 179.679 9	0.017 7
	34 ← 33	171 211.044 2	0.005 1		34 ← 33	171 211.565 0	-0.025 6
	42 ← 41	211 453.608 6	1.266 1 *		42 ← 41	211 454.350 6	0.175 5 *
	43 ← 42	216 482.389 6	1.713 8 *		43 ← 42	216 483.158 9	0.396 9 *
	44 ← 43	221 510.855 8	2.287 3 *		44 ← 43	221 511.681 4	0.746 6 *
	45 ← 44	226 539.217 4	3.207 2 *		45 ← 44	226 539.991 5	1.306 2 *
$(\nu_4^1 + 3\nu_5^3)^{2e}$				$(\nu_4^1 + 3\nu_5^3)^{2f}$			
	11 ← 10	55 849.900 8	0.090 2 *		11 ← 10	55 849.900 8	0.013 4 *

	12 ← 11	60 926.660 4	0.070 4 *		12 ← 11	60 926.660 4	-0.025 3 *
	13 ← 12	66 003.308 5	0.063 3 *		13 ← 12	66 003.308 5	-0.054 3 *
	14 ← 13	71 079.851 8	0.086 1 *		14 ← 13	71 079.851 8	-0.056 9 *
	15 ← 14	76 156.235 4	0.094 1 *		15 ← 14	76 156.235 4	-0.077 8 *
	16 ← 15	81 232.496 8	0.135 4 *		16 ← 15	81 232.496 8	-0.069 3 *
	17 ← 16	86 308.562 9	0.147 2 *		17 ← 16	86 308.562 9	-0.094 5 *
	18 ← 17	91 384.449 3	0.155 5 *		18 ← 17	91 384.449 3	-0.127 5 *
	19 ← 18	96 460.055 3	0.070 0 *		19 ← 18	96 460.280 9	-0.033 4 *
	20 ← 19	101 535.490 9	0.011 1		20 ← 19	101 535.837 5	-0.022 1
	21 ← 20	106 610.758 8	-0.007 9		21 ← 20	106 611.205 0	0.002 4
	22 ← 21	111 685.829 9	-0.005 9		22 ← 21	111 686.342 1	0.009 0
	23 ← 22	116 760.676 6	0.000 0		23 ← 22	116 761.250 2	0.009 3
	32 ← 31	162 422.222 9	-0.015 6		32 ← 31	162 423.687 0	-0.016 2
	33 ← 32	167 494.245 8	0.027 0		33 ← 32	167 495.851 6	0.030 4
	34 ← 33	172 565.864 4	0.009 3		34 ← 33	172 567.609 6	0.006 0
	35 ← 34	177 637.144 3	0.007 5		35 ← 34	177 639.040 5	0.000 5
	42 ← 41	213 125.274 4	-0.012 3		42 ← 41	213 128.520 2	-0.017 4
	43 ← 42	218 193.346 1	-0.002 3		43 ← 42	218 196.766 3	-0.066 2 *
	44 ← 43	223 260.972 0	0.012 6		44 ← 43	223 264.699 7	0.012 1
	45 ← 44	228 328.106 5	-0.002 4		45 ← 44	228 332.092 4	-0.000 0
$(\nu_4^1 + 3\nu_5^3)^{4e}$				$(\nu_4^1 + 3\nu_5^3)^{4f}$			
	11 ← 10	55 899.155 4	0.001 5		11 ← 10	55 899.155 4	0.001 5
	12 ← 11	60 980.421 0	0.013 6		12 ← 11	60 980.421 0	0.013 6
	13 ← 12	66 061.525 4	-0.008 4		13 ← 12	66 061.525 4	-0.008 4
	14 ← 13	71 142.521 2	-0.001 2		14 ← 13	71 142.521 2	-0.001 2
	15 ← 14	76 223.359 7	-0.002 9		15 ← 14	76 223.359 7	-0.002 9
	16 ← 15	81 304.063 9	0.019 9		16 ← 15	81 304.063 9	0.019 9
	17 ← 16	86 384.494 6	-0.061 4 *		17 ← 16	86 384.494 6	-0.061 4 *
	18 ← 17	91 464.886 4	-0.001 5		18 ← 17	91 464.886 4	-0.001 5
	19 ← 18	96 545.040 3	0.010 9		19 ← 18	96 545.040 3	0.010 9
	20 ← 19	101 624.960 1	-0.009 7		20 ← 19	101 624.960 1	-0.009 7
	21 ← 20	106 704.688 8	-0.009 8		21 ← 20	106 704.688 8	-0.009 8
	22 ← 21	111 784.196 1	-0.009 1		22 ← 21	111 784.196 1	-0.009 1
	23 ← 22	116 863.477 4	-0.001 9		23 ← 22	116 863.477 4	-0.001 9
	32 ← 31	162 564.745 8	-0.004 5		32 ← 31	162 564.745 8	-0.004 5
	33 ← 32	167 641.090 5	-0.032 3		33 ← 32	167 641.090 5	-0.032 3
	34 ← 33	172 717.184 4	0.036 5		34 ← 33	172 717.184 4	0.036 5
	35 ← 34	177 792.826 8	0.011 6		35 ← 34	177 792.826 8	0.011 6
	42 ← 41	213 311.608 2	0.007 4		42 ← 41	213 311.608 2	0.007 4
	43 ← 42	218 384.032 1	-0.002 5		43 ← 42	218 384.032 1	-0.002 5
	44 ← 43	223 456.018 0	-0.000 1		44 ← 43	223 456.018 0	-0.000 1
	45 ← 44	228 527.537 2	-0.003 9		45 ← 44	228 527.537 2	-0.003 9