3x3 Serpent S_0 Slice.

✓ Y_2

BC \ A	0	1
00	0	4 — 1
01	1 — 1	5
11	3 — 1	7 — 1
10	2 — 1	6

$AB'C' + A'C + BC + A'B$

✓ Y_1

BC \ A	0	1
00	0	4
01	1	5 — 1
11	3	7
10	2 — 1	6 — 1

$AB'C + BC'$

✓ Y_0

BC \ A	0	1
00	0 — 1	4 — 1
01	1	5 — 1
11	3	7 — 1
10	2 — 1	6

$A'C' + B'C' + AC$

	0	1
00	0	4
01	1	5
11	3	7
10	2	6

	0	1
00	0	4
01	1	5
11	3	7
10	2	6

	0	1
00	0	4
01	1	5
11	3	7
10	2	6

	0	1
00	0	4
01	1	5
11	3	7
10	2	6

	0	1
00	0	4
01	1	5
11	3	7
10	2	6

	0	1
00	0	4
01	1	5
11	3	7
10	2	6

$Y_3 = B'C'D + AB'C' + ABC + BCD + A'B'CD' + A'BC'D'$

$Y_2 = ACD' + B'CD' + AB'C' + AC'D' + A'BC'D + ABCD$

$Y_2 = AC' + B'CD + A'B + ABCD$

Y3

1-9 ✓
B'C'D

[crossed out]

8-9 ✓
AB'C'

14-15 ✓
ABC

[crossed out]

2
A'B'CD'

4
A'BC'D'

7-15
BCD ✓

AB / x_3x_2 ; CD / x_1x_0

CD \ AB	00	01	11	10
00	0	4: 1	12	8: 1
01	1: 1	5	13	9: 1
11	3	7: 1	15: 1	11
10	2: 1	6	14: 1	10

AB / x_3x_2 ; CD / x_1x_0

CD \ AB	00	01	11	10
00	0	4	12: 1	8: 1
01	1	5: 1	13	9: 1
11	3	7	15: 1	11
10	2: 1	6: 1	14	10: 1

2-6
[illegible] AC'D' A'CD'

2-10
B'CD'

8-9
AB'C'

8-12
AC'D'

5
A'BC'D

15
ABCD

$Y_1 = C'D' + A'B'D' + A'BD + AB'CD$

AB / x_3x_2 ; CD / x_1x_0

CD \ AB	00	01	11	10
00	0: 1	4: 1	12: 1	8: 1
01	1	5: 1	13	9
11	3	7: 1	15	11: 1
10	2: 1	6	14	10

0-4-8-12
C'D'

0-2
A'B'D'

5-7
A'BD

11
AB'CD

$Y_0 = A'BC + ABD' + A'B'D' + A'CD + AB'C'D$

AB / x_3x_2 ; CD / x_1x_0

CD \ AB	00	01	11	10
00	0: 1	4	12: 1	8
01	1	5	13	9: 1
11	3: 1	7: 1	15	11
10	2: 1	6: 1	14: 1	10

0-2
A'B'D'

3-7
[crossed out]
A'CD

6-7
A'BC

12-14
ABD'

9
AB'C'D

	00	01	11	10
00	0	4	12	8
01	1	5	13	9
11	3	7	15	11
10	2	6	14	10

	00	01	11	10
00	0	4	12	8
01	1	5	13	9
11	3	7	15	11
10	2	6	14	10