Group In	Group Out	Average XS	Std. Dev.
1	1	0.196984	0.004606
1	2	0.0572389	0.00135932
$1 \\ 1$	$\frac{3}{4}$	$0 \\ 0$	0
1	5	0	0
1	6	0	0
1	7	0	0
1	8	0	0
2	1	0 416001	0
$\frac{2}{2}$	2 3	$0.416081 \\ 0.00244762$	0.00506737 0.000216497
$\frac{2}{2}$	4	0.00244702	0.000210491
2	5	0	0
2	6	0	0
2	7	0	0
2	8	0	0
3 3	$\frac{1}{2}$	$0 \\ 0$	0
3	3	0.478657	0.00780691
3	4	0.0027502	0.000329759
3	5	0	0
3	6	0	0
3 3	7	$0 \\ 0$	0
3 4	8 1	0	0
4	2	0	0
4	3	0.000136372	0.000165114
4	4	0.371409	0.0124229
4	5	0.0129894	0.00123713
4	6 7	$0 \\ 0$	0
$\frac{4}{4}$	8	0	0
5	1	0	0
5	2	0	0
5	3	0	0
5	4	0.00363962	0.000984201
5 5	5 6	$0.352451 \\ 0.0333491$	0.0202443 0.00375499
5	7	8.46424e-05	0.000170616
5	8	0	0
6	1	0	0
6	2	0	0
6 6	$\frac{3}{4}$	$0 \\ 0$	0
6	5	0.00308824	0.000853564
6	6	0.350807	0.0102849
6	7	0.0371006	0.002449
6	8	0	0
7 7	$\frac{1}{2}$	$0 \\ 0$	0
7	3	0	0
7	4	0	0
7	5	0	0
7	6	0.013549	0.000929246
7	7	0.353443	0.00950308
7 8	8 1	0.0278904	0.00146783
8	2	0	0
8	3	0	0
8	4	0	0
8	5	0	0
8	6	9.07369e-05 0.0550319	
8 8	7 8	0.0550319 0.351651	0.00365491 0.0123641
Table 1: Material 10000 Σ_s			