**Total Efficiency - Nominal** 400 (GeV) 0.0145 Average efficiency: 0.454% 350 0.0135 0.0115 0.012 m<sub>LSP</sub> ( 0.0124 0.0098 0.0109 0.0084 0.0129 0.0090 0.0074 300 0.0114 0.0077 0.0065 0.0115 0.0097 0.0067 0.0059 0.0104 0.0084 0.0059  $0.0^{2}$ 0.0087 0.0069 0.0051 0.0106 0.0073 0.0059 250 0.0094 0.0062 0.0051 0.0091 0.0076 0.0052 0.0045 0.0081 0.0061 0.0043 0.008 0.0069 0.0050 0.0039 0.0080 0.0053 0.0044 200 0.0068 0.0044 0.0037 0.0065 0.0054 0.0035 0.0031 0.0055 0.0041 0.0032 0.0035 0.0026 0.0065 0.0043 0.0053 0.0032 0.0028 150 0.0043 0.0026 0.0024 0.0040 0.0020 0.0019 0.0031 0.0030 0.0024 0.0017 0.0022 0.0018 0.0013 0.0026 0.0014 0.0013 100 0.0018 0.0010 0.0011 0.0016 0.0012 0.0010 0.0008 0.00 0.0005 50 250 100 150 200 300 350 400

Total Up Efficiency 400 m<sub>LSP</sub> (GeV) 0.014 350 0.0118 0.0128 0.0100 0.0 0.0113 0.0085 0.0134 0.0092 0.0075 300 0.0079 0.0118 0.0065 0.0068 0.0060 0.0120 0.0100 0.0109 0.0085 0.0060 0.0 0.01.0 200.0 200.0 0.0089 0.0071 0.0052 0.0112 0.0074 0.0059 250 0.0097 0.0063 0.0051 0.0097 0.0078 0.0053 0.0045 0.0085 0.0062 0.0044 0.0070 0.0051 0.0039 0.0085 0.0054 0.0044 200 0.0072 0.0043 0.0036 0.0069 0.0055 0.0034 0.0031 0.00.0 <u>at</u> 0.000.0 0.0059 0.0042 0.0033 0.0044 0.0034 0.0025 0.0056 0.0033 0.0027 150 0.0044 0.0027 0.0024 0.0042 0.0032 0.0020 0.0019 0.0031 0.0024 0.0016 0.0022 0.0018 0.0013 0.0028 0.0015 0.0013 100 0.0018 0.0010 0.0010 0.0017 0.0012 0.0008 0.0010 0.0008 0.0005 0.0005 0.002 50 250 100 150 200 300 350 400  $m_{stop}$  (GeV)

**Total Down Efficiency** 400 m<sub>LSP</sub> (GeV) 0.014 0.0139 350 0.0127 0.0127 0.0110 0.0116 0.0094 0.0104 0.0081 0.0121 0.0088 0.0073 300 0.0075 0.0107 0.0064 0.0065 0.0108 0.0093 0.0057 0.0099 0.0081 0.0058 0.0 0.01.0 200.0 200.0 0.0083 0.0067 0.0049 0.0098 0.0070 0.0058 250 0.0089 0.0061 0.0051 0.0085 0.0073 0.0052 0.0044 0.0076 0.0059 0.0042 0.0066 0.0049 0.0039 0.0074 0.0052 0.0043 200 0.0065 0.0042 0.0037 0.0060 0.0052 0.0034 0.0031 0.00.0 <u>at</u> 0.000.0 0.0053 0.0041 0.0030 0.0042 0.0034 0.0024 0.0049 0.0031 0.0027 150 0.0040 0.0026 0.0023 0.0037 0.0030 0.0020 0.0018 0.0029 0.0024 0.0016 0.0021 0.0018 0.0013 0.0024 0.0014 0.0013 100 0.0017 0.0010 0.0010 0.0015 0.0012 0.0008 0.0010 0.0008 0.0006 0.0005 0.0004 0.002 50 250 100 150 200 300 350 400  $m_{stop}$  (GeV)





