

Figure 1: Final fermion effective mass distribution from *KK* MC at 500GeV. Sharp Z radiative return peak is seen. Included are muons, taus and all quarks except top. Properly normalized in nanobs.

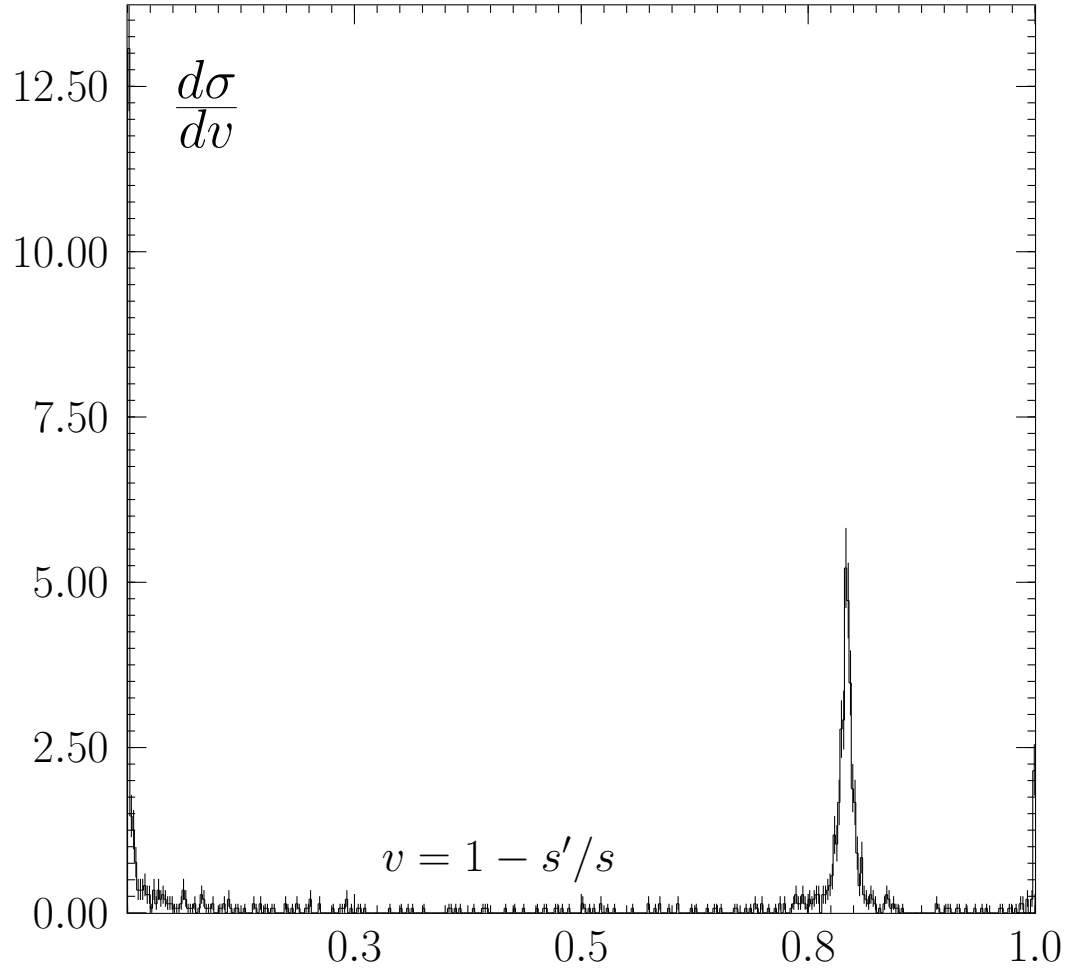


Figure 2: Dependence of cross section on cut  $v_{\max}$ , obtained from  $KK$  MC. It is divided by the Born cross-section.

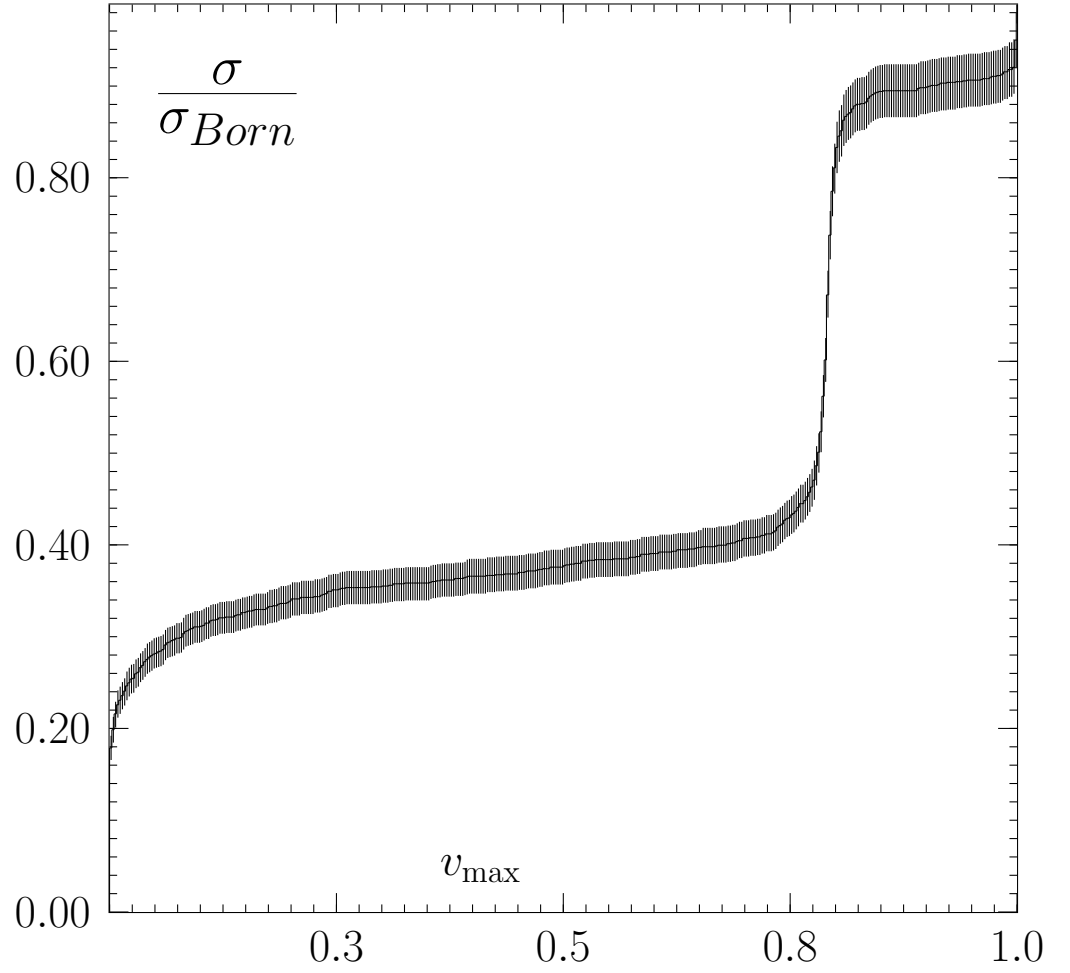


Figure 3: This is KF code distribution from *KK* MC at 500GeV. Properly normalized in nanobs.

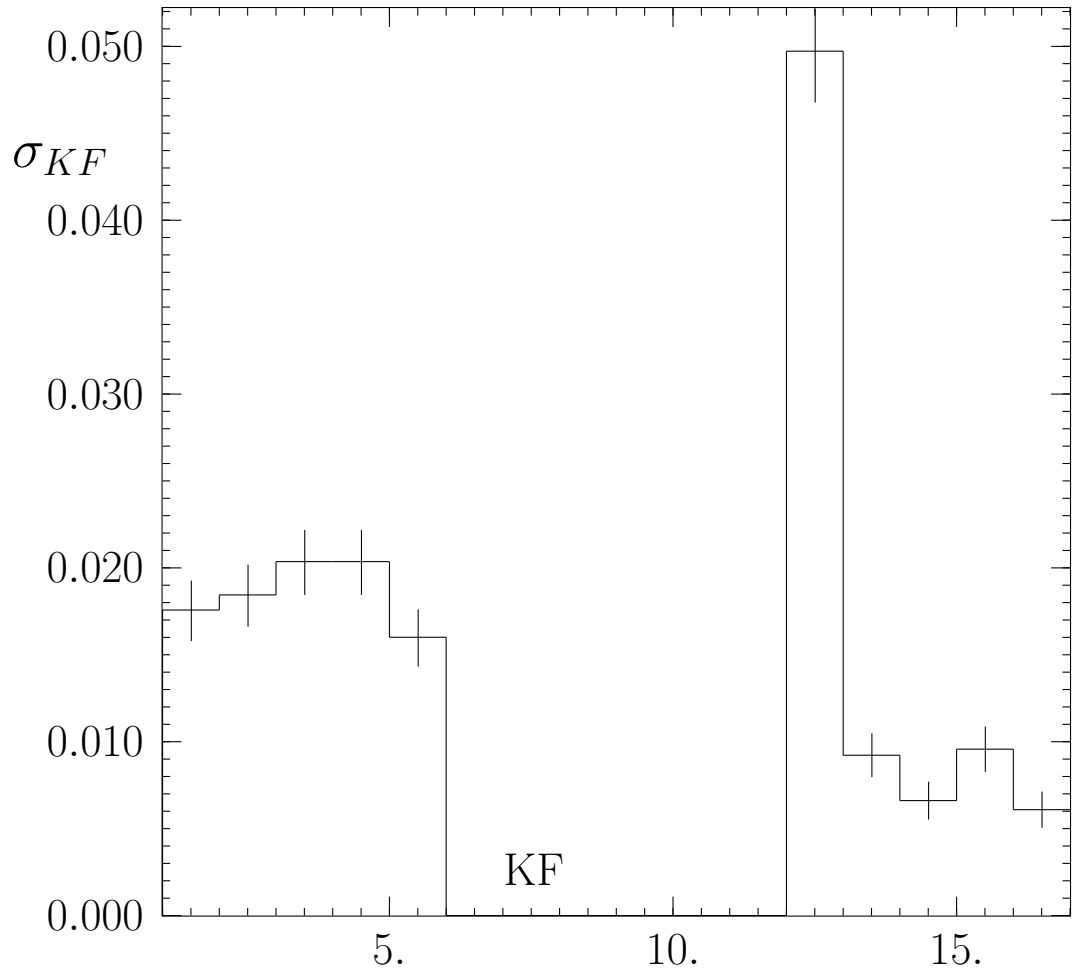


Table 1: Total cross sections for various final fermions. Center of mass energy  $\sqrt{s} = 500\text{GeV}$ . Not calculated cross sections are set to zero.

KF	$\sigma_{KF}$	$\sigma_{KF}^C$
	<i>KK</i> at 500GeV	
1.	$0.017558 \pm 0.001747$	$0.017558 \pm 0.001746$
2.	$0.018427 \pm 0.001790$	$0.035986 \pm 0.002497$
3.	$0.020340 \pm 0.001880$	$0.056325 \pm 0.003121$
4.	$0.020340 \pm 0.001880$	$0.076665 \pm 0.003637$
5.	$0.015994 \pm 0.001667$	$0.092659 \pm 0.003996$
6.	$0.000000 \pm 0.000000$	$0.092659 \pm 0.003996$
7.	$0.000000 \pm 0.000000$	$0.092659 \pm 0.003996$
8.	$0.000000 \pm 0.000000$	$0.092659 \pm 0.003996$
9.	$0.000000 \pm 0.000000$	$0.092659 \pm 0.003996$
10.	$0.000000 \pm 0.000000$	$0.092659 \pm 0.003996$
11.	$0.000000 \pm 0.000000$	$0.092659 \pm 0.003996$
12.	$0.049719 \pm 0.002940$	$0.142378 \pm 0.004941$
13.	$0.009214 \pm 0.001266$	$0.151592 \pm 0.005096$
14.	$0.006606 \pm 0.001072$	$0.158198 \pm 0.005205$
15.	$0.009561 \pm 0.001289$	$0.167759 \pm 0.005357$
16.	$0.006085 \pm 0.001028$	$0.173844 \pm 0.005452$