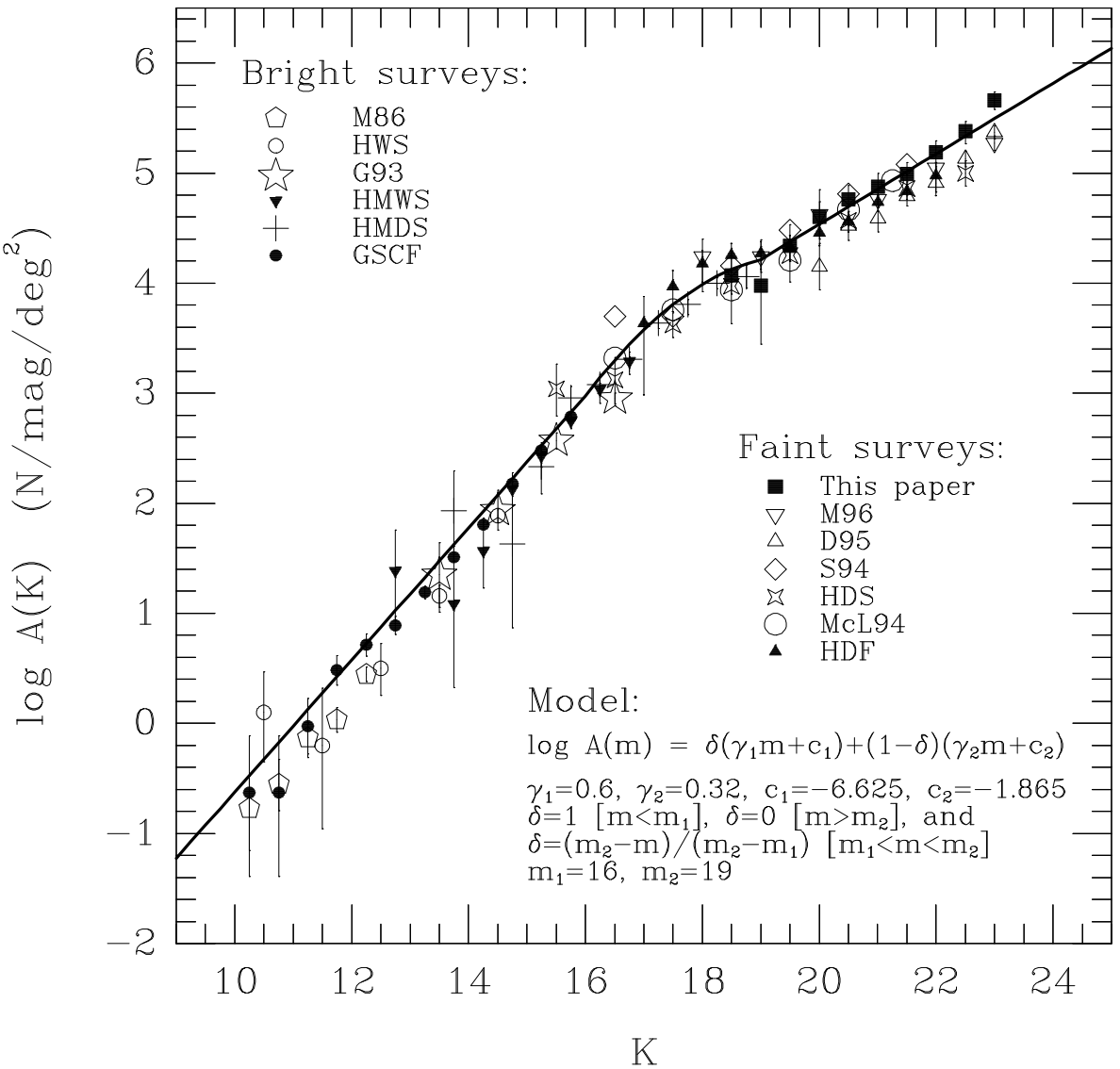
Bright surveys:
M86
HWS
G93
HMWS
HMDS
GSCF
Faint surveys:
This paper
M96
D95
S94
HDS
McL94
HDF
Model:
log A(m) = δ(γ1m+c1)+(1−δ)(γ2m+c2)
γ1=0.6, γ2=0.32, c1=−6.625, c2=−1.865
δ=1 [m<m1], δ=0 [m>m2], and
δ=(m2−m)/(m2−m1) [m1<m<m2]
m1=16, m2=19
log A(K) (N/mag/deg2)
K
6
5
4
3
2
1
0
−1
−2
10
12
14
16
18
20
22
24