Keywords webpage: <http://skyserver.sdss.org/dr12/en/help/browser/browser.aspx#&&history=description+PhotoObjAll+U>

Differences between **de Vaucouleurs profile and exponential profile:** [**http://www.sdss.org/dr12/algorithms/magnitudes/#mag\_model**](http://www.sdss.org/dr12/algorithms/magnitudes/#mag_model)

I used these query entries to get my data it should make it faster for you to get your data!

select

p.ObjID, p.ra, p.dec, s.z, p.deVRad\_u, p.expRad\_u

FROM photoObj p

JOIN specObj s ON s.bestObjID = p.objID

where

s.class = 'galaxy'

and s.ra BETWEEN 30.0 and 40.0

and s.dec BETWEEN -7.8 and -0.5

and s.survey = 'boss'

and s.z>=0.4 and s.z<=0.7

and (BOSS\_TARGET1 & 2)!= 0

and (ZWARNING\_NOQSO) = 0

and (CHUNK !='boss1')

and (CHUNK != 'boss2')

select

p.ObjID, p.ra, p.dec, s.z, p.deVRad\_u, p.expRad\_u

FROM photoObj p

JOIN specObj s ON s.bestObjID = p.objID

where

s.class = 'galaxy'

and s.ra BETWEEN 353.0 and 360.0

and s.dec BETWEEN -3.1 and 3.0

and s.survey = 'boss'

and s.z>=0.4 and s.z<=0.7

and (BOSS\_TARGET1 & 2)!= 0

and (ZWARNING\_NOQSO) = 0

and (CHUNK !='boss1')

and (CHUNK != 'boss2')