

B	C	D	E=B*D	F	G=B*F	
Kg	Rotation/sec	meters	$Mr_{exp} \text{ Constant}$	meters-classical r_{mag}	$Mr_{mag} \text{ Constant}$	
mass	frequency	radius $r_{exp} = c/f$	Mr_{exp}	$r_{mag} = (1.16140973 < 3) / (r_{exp})$	$Mr_{exp} (861.02257637) = r_{mag}$	
4.27000000E-41	5.79178100E+09	5.1761700E-02	2.21022E-42		2.57E-45	smallest photon
2.4254355191E-35	3.289843113E+15	9.1126673129E-08	2.21021870E-42	1.058354048E-10	2.56696950E-45	13.6eV photon
9.10938356E-31	1.235590166E+20	2.4263102367E-12	2.21021906E-42	2.81794032E-15	2.56696992E-45	electron 0.511>6eV
8.91331000E-30	1.208994891E+21	2.4796834144E-13	2.21021870E-42	2.879928445E-16	2.56696950E-45	up quark
1.78266000E-29	2.417987070E+21	1.2398430982E-13	2.21021870E-42	1.439965838E-16	2.56696950E-45	down quark
1.88356000E-28	2.554847097E+22	1.1734262234E-14	2.21021870E-42	1.362828633E-17	2.56696950E-45	muon
2.40606000E-28	3.263562300E+22	9.1860497969E-15	2.21021870E-42	1.066876761E-17	2.56696950E-45	meson
2.48806000E-28	3.374786504E+22	8.8833014374E-15	2.21021870E-42	1.031715272E-17	2.56696950E-45	meson
3.56532000E-28	4.835974140E+22	6.1992154910E-15	2.21021870E-42	7.199829190E-18	2.56696950E-45	strange quark
8.80118000E-28	1.193785660E+23	2.5112754170E-15	2.21021870E-42	2.916619704E-18	2.56696950E-45	meson
8.87249000E-28	1.203458096E+23	2.4910917876E-15	2.21021870E-42	2.893178240E-18	2.56696950E-45	meson
8.87177000E-28	1.203360436E+23	2.4912939554E-15	2.21021870E-42	2.893413040E-18	2.56696950E-45	meson
9.78325000E-28	1.326992921E+23	2.2591865663E-15	2.21021870E-42	2.623841260E-18	2.56696950E-45	meson
1.672621898E-27	2.268732188E+23	1.32140985396E-15	2.21021906E-42	1.534698262E-18	2.56696992E-45	Proton 938>6eV
1.67491000E-27	2.271835753E+23	1.3196044548E-15	2.21021870E-42	1.532601454E-18	2.56696950E-45	Neutron 939>6eV
1.98872000E-27	2.697485356E+23	1.1113775179E-15	2.21021870E-42	1.290764663E-18	2.56696950E-45	hyperon
2.12033000E-27	2.876000204E+23	1.0423937300E-15	2.21021870E-42	1.210646220E-18	2.56696950E-45	hyperon
2.12579000E-27	2.883406108E+23	1.0397163866E-15	2.21021870E-42	1.207536728E-18	2.56696950E-45	
2.13470000E-27	2.895491568E+23	1.0353767262E-15	2.21021870E-42	1.202496604E-18	2.56696950E-45	
2.31746000E-27	3.143385903E+23	9.5372463707E-16	2.21021870E-42	1.107665073E-18	2.56696950E-45	charm quark
2.34367000E-27	3.178936957E+23	9.4305883398E-16	2.21021870E-42	1.095277706E-18	2.56696950E-45	
2.35543000E-27	3.194888136E+23	9.3835040627E-16	2.21021870E-42	1.089809292E-18	2.56696950E-45	
2.98061000E-27	4.042877745E+23	7.4153233648E-16	2.21021870E-42	8.612228707E-19	2.56696950E-45	hyperon
8.02198000E-27	1.088095538E+24	2.7552034503E-16	2.21021870E-42	3.199920095E-19	2.56696950E-45	bottom quark
1.43201000E-25	1.942367958E+25	1.5434380329E-17	2.21021870E-42	1.792563949E-20	2.56696950E-45	W
1.62556000E-25	2.204897771E+25	1.3596660212E-17	2.21021870E-42	1.579129347E-20	2.56696950E-45	Z
2.23368000E-25	3.029747320E+25	9.8949656953E-18	2.21021870E-42	1.149210944E-20	2.56696950E-45	Higgs 125>9eV
2.56482000E-25	3.478903210E+25	8.6174417598E-18	2.21021870E-42	1.000838071E-20	2.56696950E-45	Fermi labs 144>9eV
3.11966000E-25	4.231484154E+25	7.0848063489E-18	2.21021870E-42	8.228363029E-21	2.56696950E-45	top quark 175>9eV
5.70389000E-16	7.736714947E+34	3.8749321909E-27	2.21021870E-42	4.500383950E-30	2.56696950E-45	Gamma 3.20>20eV
1.85922000E-09	2.521832497E+41	1.1887881463E-33	2.21021870E-42	1.380670120E-36	2.56696950E-45	1.043>27eV 1.86<9kg
2.17645000E-08	2.952120964E+42	1.0155154942E-34	2.21021870E-42	1.179429576E-37	2.56696950E-45	Planck limits
mass	frequency	radius $r=c/f$	Mr		Mr(1.1615<3)	

alpha	2.4263102367E-12	r_{exp}
α	2.81794032E-15	r_{mag}
	8.6102257637E+02	r_{exp}
7.297352552E-03	1.16140973E-03	
7.297352567E-03		
7.297352552E-03	2	2
7.297352552E-03	3.141592654	pi
7.297352552E-03	2.81794032E-15	r_{mag}
7.297352552E-03	2.4263102367E-12	r_{exp}
7.297352552E-03	7.2973525671E-03	α
7.297352552E-03	$(2\pi r_{mag} / r_{exp}) = \alpha$	
7.297352552E-03		
7.297352552E-03	2.4263102367E-12	r_{exp}
7.297352552E-03	2	2
7.297352552E-03	3.141592654	pi
7.297352552E-03	2.81794032E-15	r_{mag}
7.297352552E-03	1.37035999E+02	$1/\alpha$
7.940787646E-30	$r_{exp} / (2\pi) r_{mag} = 1/\alpha$	
7.297352552E-03		
7.297352552E-03	2.99792458E+08	
7.297352552E-03		
7.297352552E-03		
7.297352552E-03	$f = \frac{M}{h/c^2} = \frac{M}{0.7372496 < 50kgs} \frac{rotations}{second}$	
7.297352552E-03		
7.297352552E-03		
7.297352552E-03		
7.297352552E-03		
7.297352552E-03	$f = \frac{2.4241 < 35kg}{0.7372496 < 50kgs} = 3.28803 > 15 \frac{rot}{s}$	
7.297352552E-03		
7.297352552E-03		
7.297352552E-03		
7.297352552E-03		