Rydberg Pascals http://cds.cern.ch/record/516564/files/0109005.pdf

Energy/Volume = Pressure

KronosPrime@outlook.com http://vixra.org/author/david_e_fuller

Rydberg energy (2pi) * hbar * c * (10973731.568508 (m^(-1))) = 2.17987232e-18joules

((c^7) / (hbar * (G^2))) / (((2pi) * hbar * c * (10973731.568508 (m^(-1)))) / (((planck length / c) / pi)^3)) = 1.0741164 s3 / m3

Rydberg energy Pressure

((2pi) * hbar * c * (10973731.568508 (m^(-1)))) / (planck length^3) = 5.16324672e+86 pascals

(c^7) / (hbar * (G^2)) = 4.6332523e+113 pascals

5 / (((10973731.568508^3) * Boltzmann constant) * 2) = 137.023129

5/(boltzmann constant)/2/137.035999172 = 10973388.0119^3

((5 / 2) / 137.035999172) / (10973731.568508^3) = 1.3805188e-23

Boltzmann constant = 1.38064852e-23

((2.176470e-8 kg * (1.616229e-35 m)^2/(1.416808e+32 K * ((5.39116e-44 s)^2) *(1.38064852e-23 m^2 kg s^-2 K^-1) = 1

Boltzmann constant / (((5 / 2) / 137.035999172) / (10973731.568508^3)) = 1.00009393

Rydberg energy & Lyman Series/Limit & Pressure

(10973731.568508 (m^(-1)) * hbar * c) / (planck length^3) = 8.21756238e+85 pascals

((((4 * pi) / 3) * (8.21756238e+85 pascals)) / ((c^7) / (hbar * (G^2)))) * (c^2) = 6.6770876e-11

6.6770876e-11/G = 1.00045064

((((4pi) / 3) * (8.21756238e+85 pascals)) / ((c^7) / (hbar * (G^2)))) / 2 = 3.71463095e-28 kg/m^3 = Friedmann Density

(6.67708761e-11 pascals/(2*3.71463095e-28 kg/m^3))^0.5 = c

https://docs.google.com/document/d/1fd_-vIHEr4l00c0yRxdl8WmtJHF1-Z-frUiRGwmtVm8

1^2+2^2 = 5 = https://photos.app.goo.gl/g7SM33XCqECdAvqa7