

**u = 931.494**

931.494

**mRa = 226.025410330 u**

210541.

**mRn = 222.017578246 u**

206808.

**malpha = 4.00260325413 u**

3728.4

**Ealpha = (mRa ^2 - mRn ^2 + malpha ^2) / (2 mRa )**

3733.19

**palpha = Sqrt [Ealpha^2 - malpha ^2]**

188.941

**palpha/Ealpha**

0.0506111