

Hořejší J. standardní model , výpis reakcí

$$\mu^- = e^- + \nu_\mu + \nu_{e^-} \quad (2.14)$$

$$\mu^- + p = n + \nu_\mu \quad (2.40)$$

$$\Sigma^- \square = n + e^- + \nu_{e^-} \quad (2.45)$$

$$\Sigma^- \square = \Lambda + e^- + \nu_e$$

$$\Xi^- = \Lambda + \pi^-$$

$$\Xi^- = n + \pi^-$$

$$\Sigma^+ \square \square = n + e^+ + \nu_e \quad (2.50)$$

$$K^+ = \pi^+ + e^- + e^+$$

$$K^+ = \pi^0 + \nu_e + e^+$$

$$\pi^+ \square \square = \ell^+ + \nu_\ell$$

$$\tau^- \square \square = \pi^- + \nu_\tau \quad (2.71)$$

$$\tau^- = K^- + \nu_\tau$$

$$\pi^+ = \pi^0 + e^+ + \nu_e \quad (2.81)$$

$$\pi^- = \pi^0 + e^- + \nu_{e^-}$$

$$O^{14} = N^{14*} + e^+ + \nu_e$$

$$H^3 = He^3 + e^- + \nu_{e^-}$$

$$W^+ = e^+ + \nu_e \quad ;$$

$$W^- = e^- + \nu_{e^-}$$

$$\nu + \nu^- = W^- + W^+ \quad ;$$

$$e^- + e^+ = W^- + W^+$$

$$e^- + e^+ = Z_L + Z_L \quad ;$$

$$e^- + e^+ = Z_L + H$$

$$H = e^- + e^+ \quad ;$$

$$H = \mu^+ + \mu^-$$

$$; \quad H = \tau^+ + \tau^-$$