





momentum conservation

Whit re: mhe He; mhe He; cos 120° + m whu, f

y: 0 == m He v He; f sin 120° + m u Au, f

kinctic energy conservations 1 mHe vHei = KE; = KEf = 1 mHe vHeif + 5 mm v 2
2 mHe vHeif + 2 mm Auff