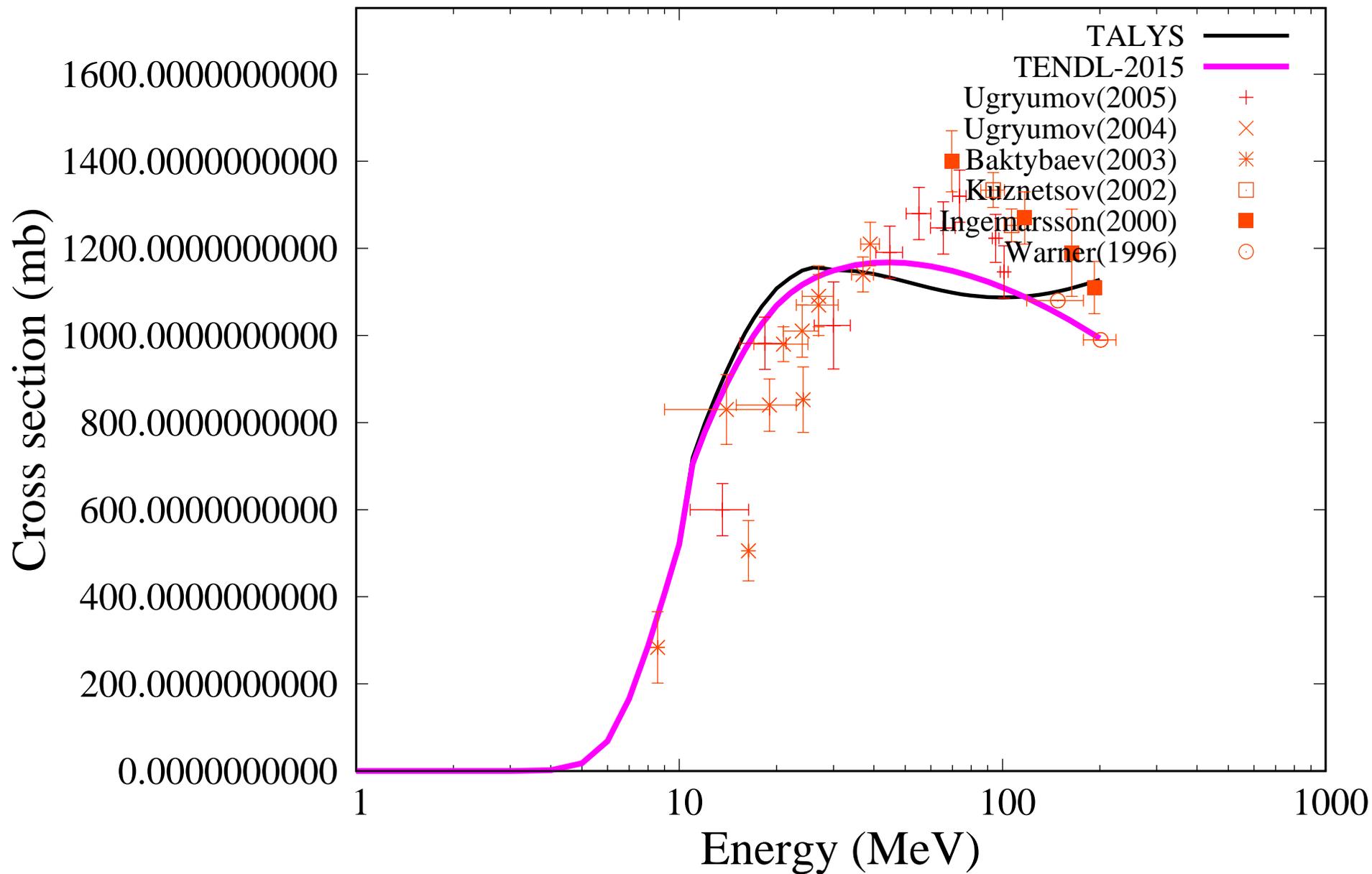
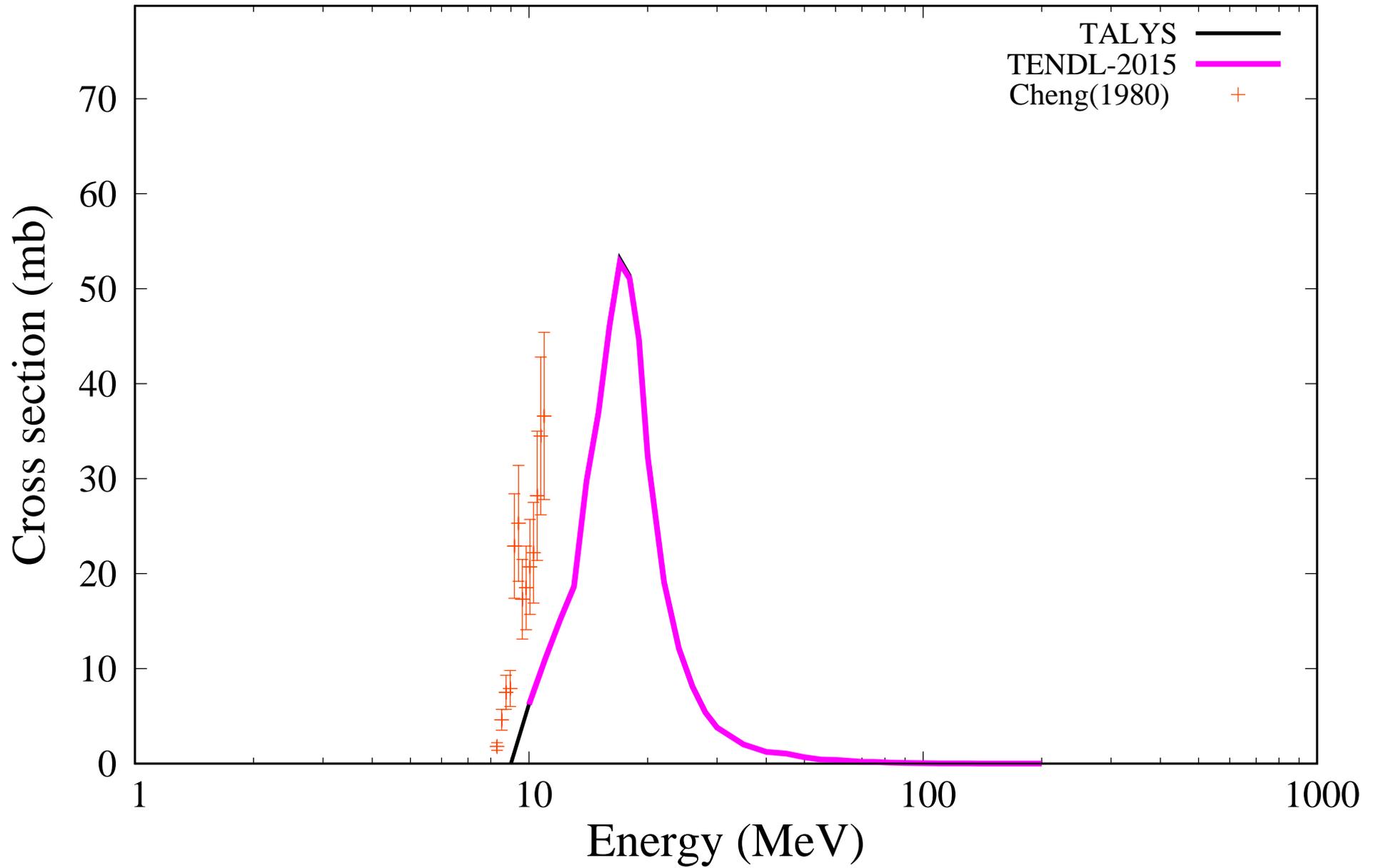
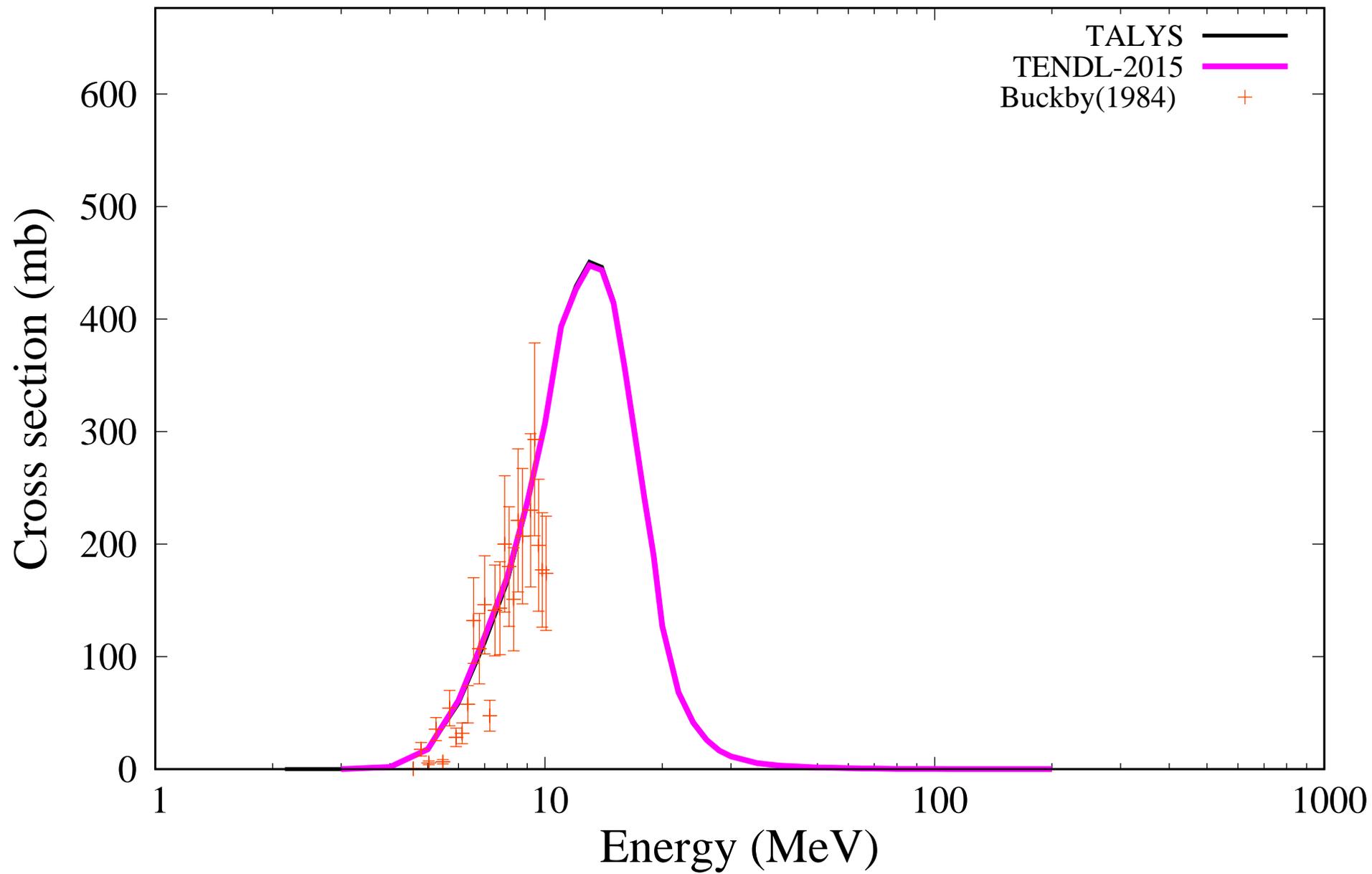


$^{28}\text{Si}(a,\text{non})$



$^{28}\text{Si}(a,n)^{31}\text{S}$ 

$^{28}\text{Si}(a,p)^{31}\text{P}$ 

$^{28}\text{Si}(a,xg)$ 