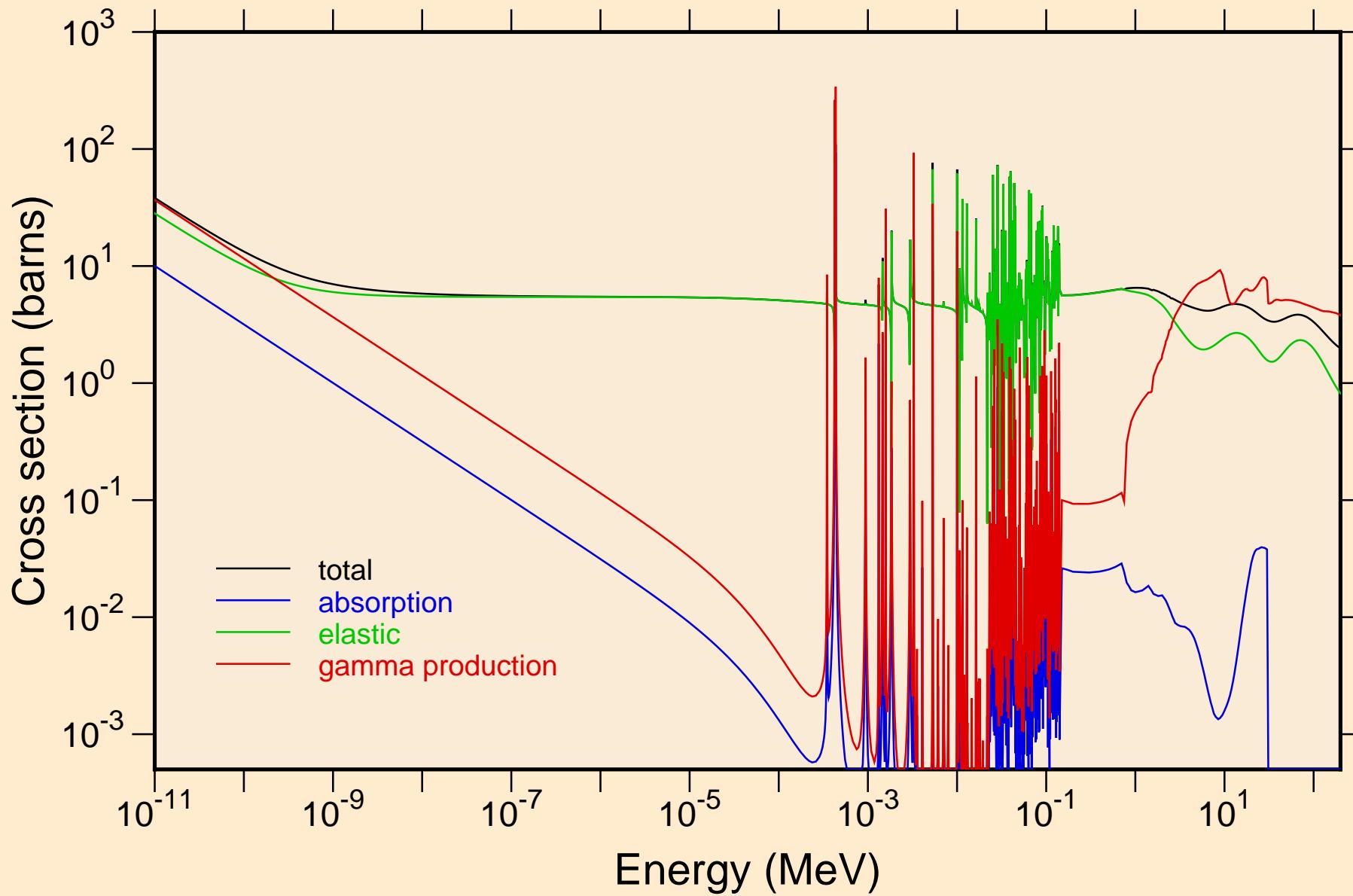
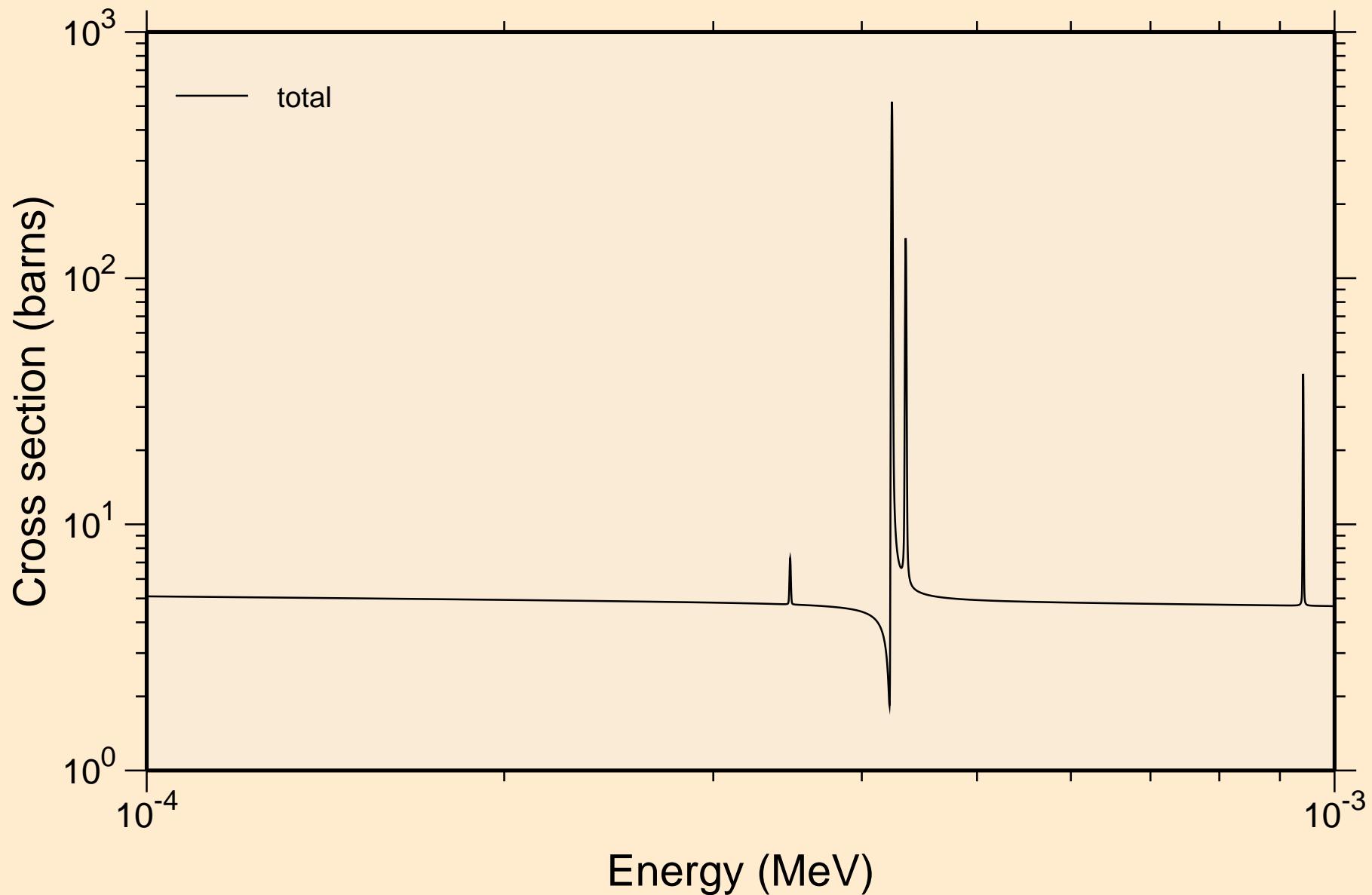


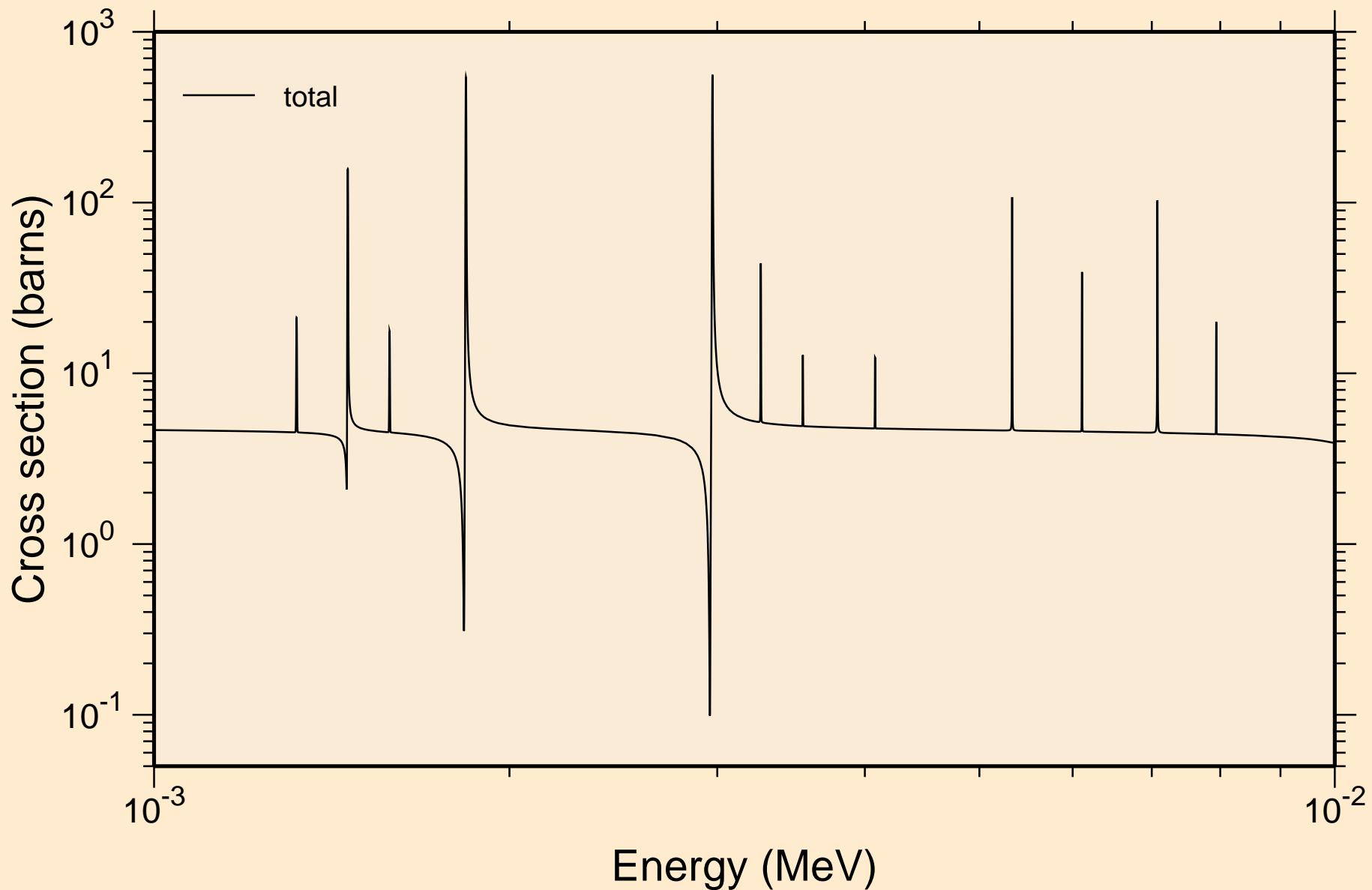
TE128 NRG TENDL-2015, AKONING  
Principal cross sections



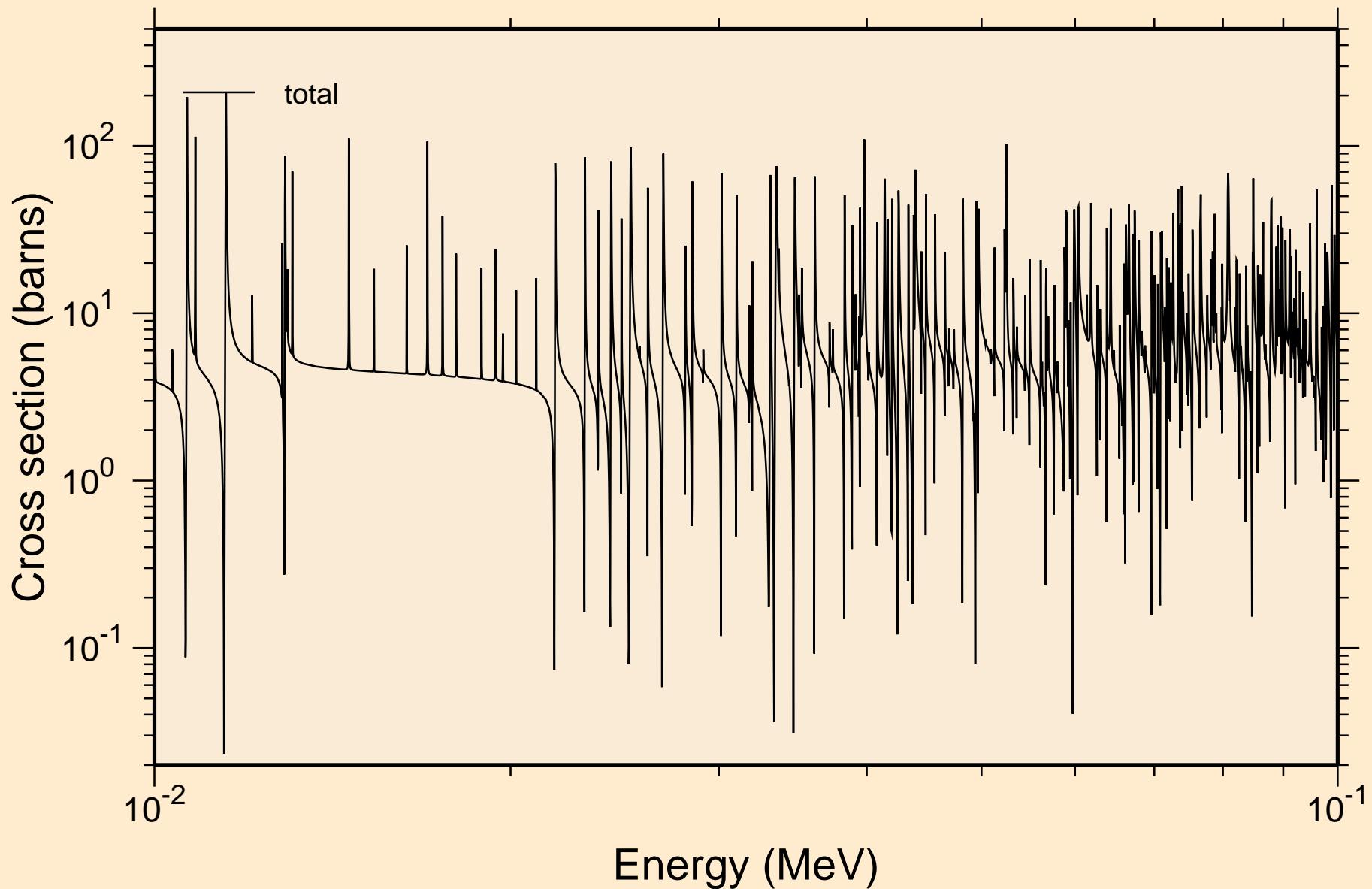
TE128 NRG TENDL-2015, AKONING  
resonance total cross section



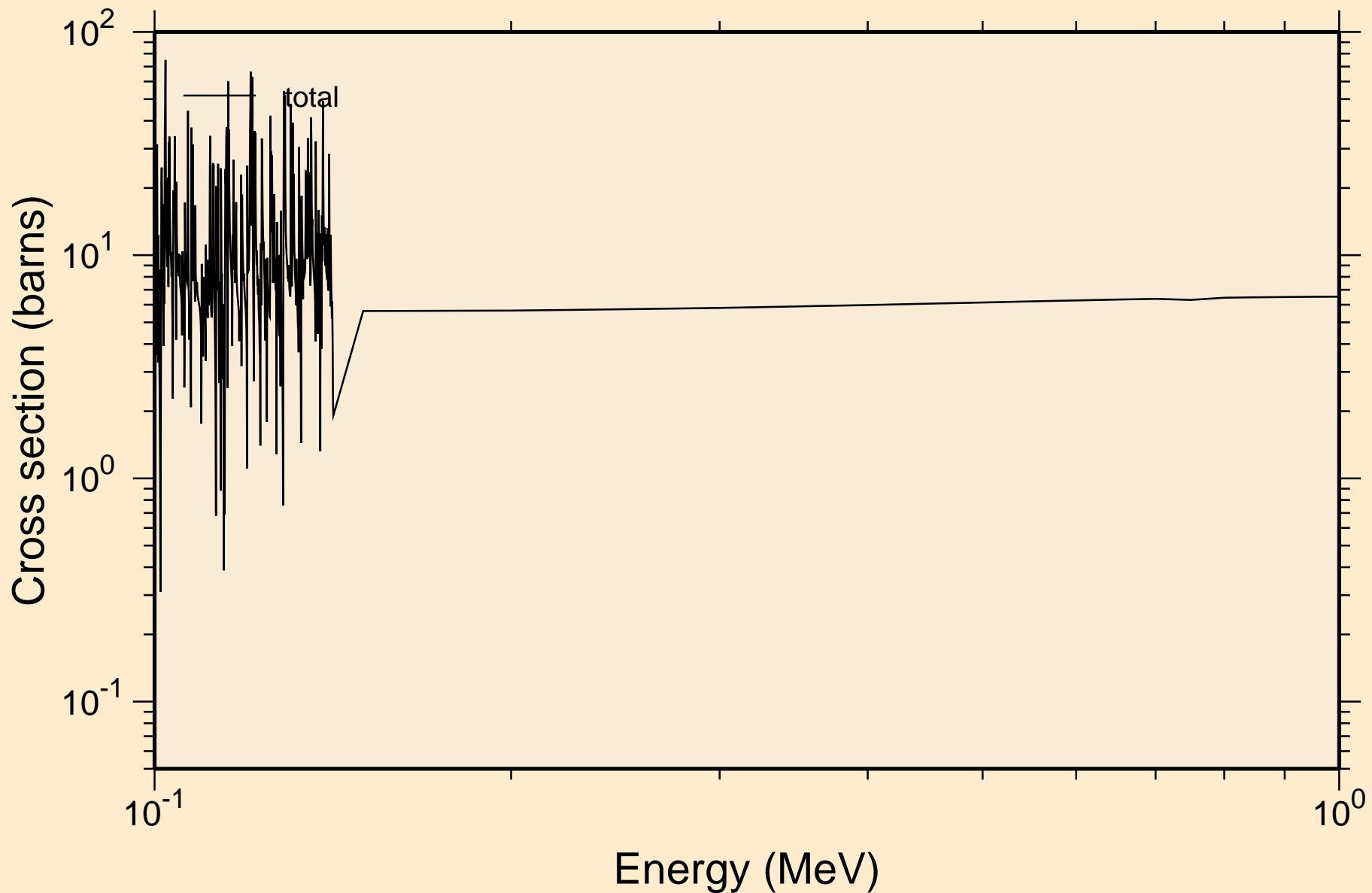
TE128 NRG TENDL-2015, AKONING  
resonance total cross section



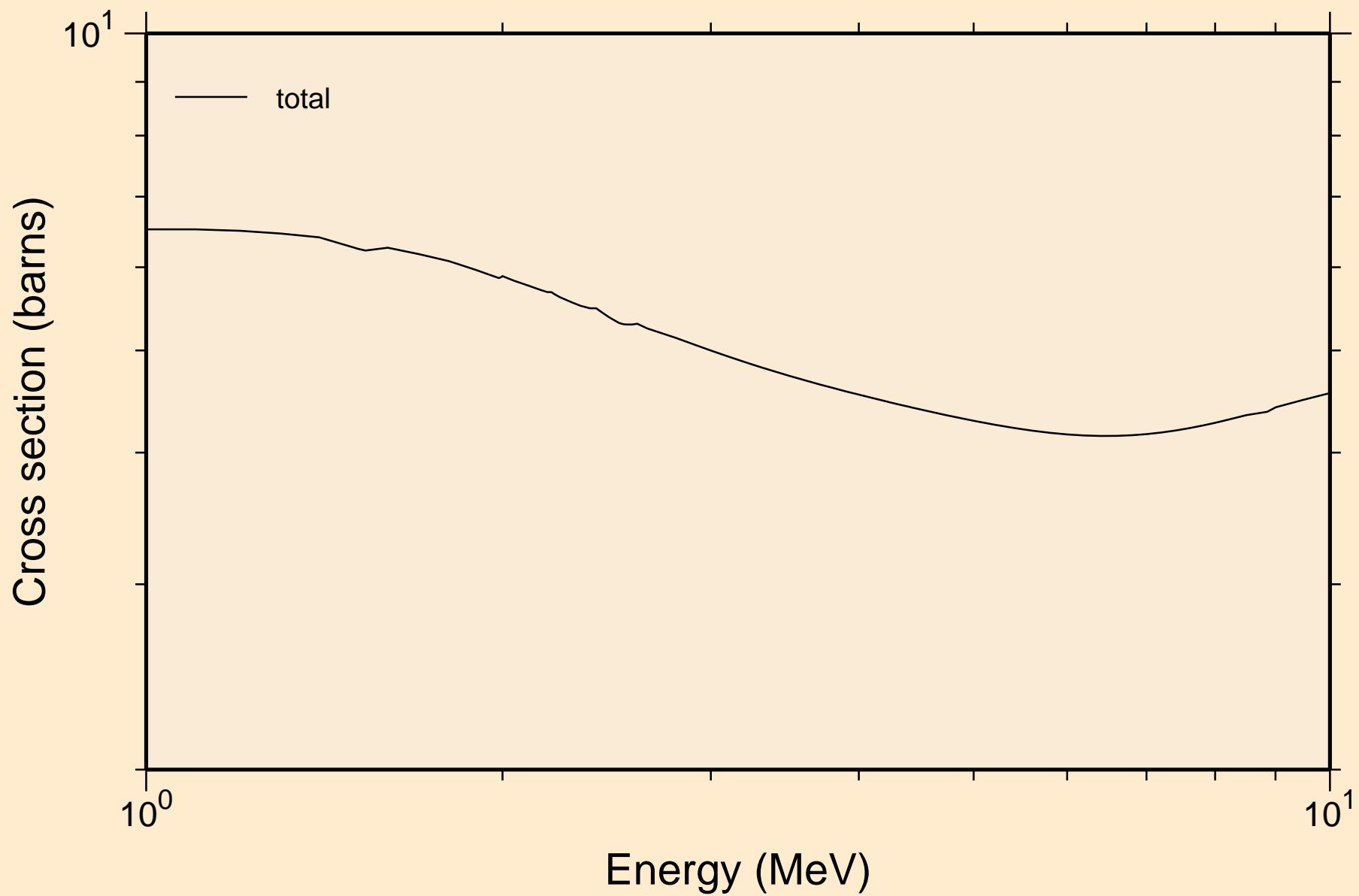
TE128 NRG TENDL-2015, AKONING  
resonance total cross section



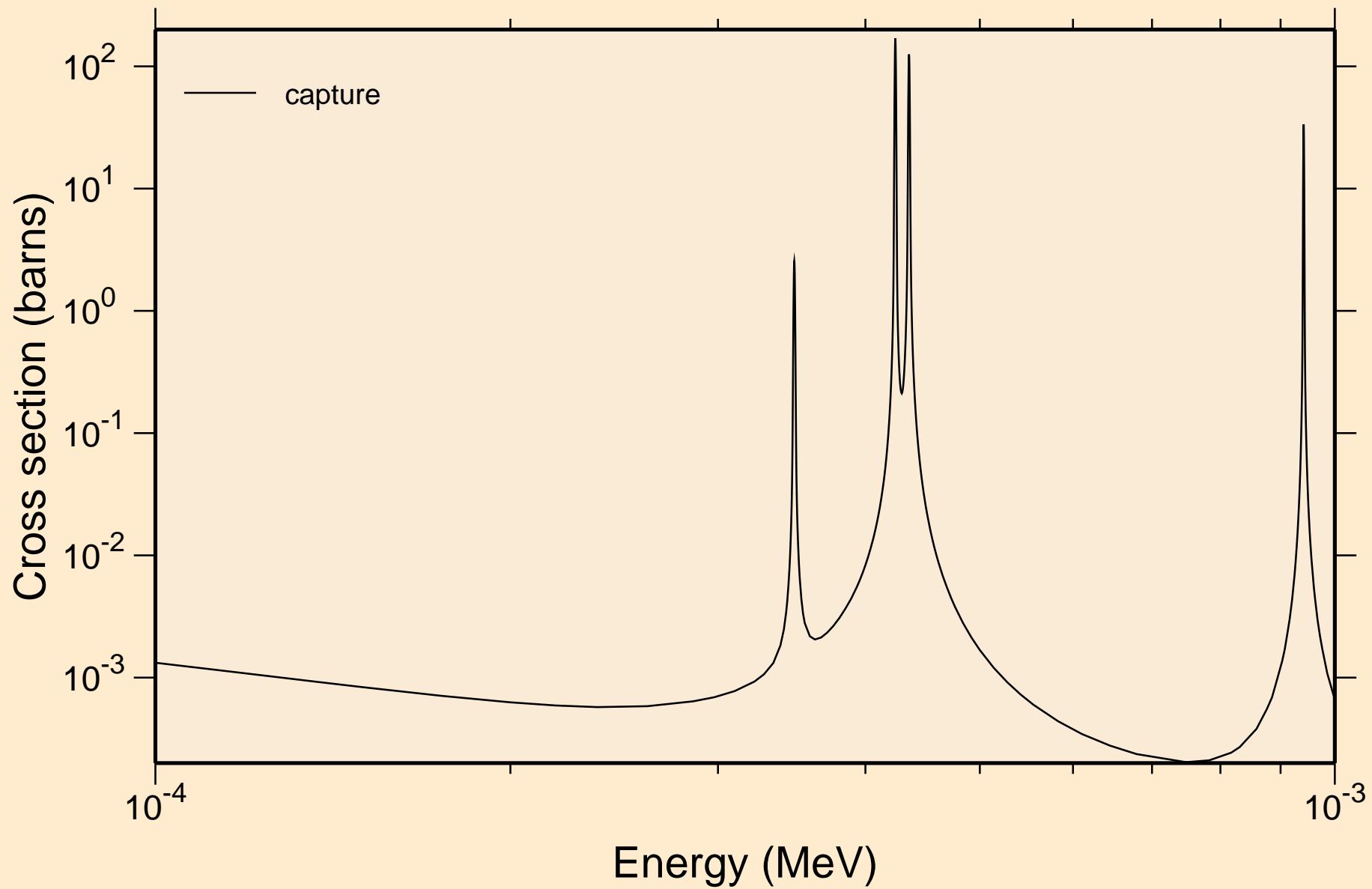
TE128 NRG TENDL-2015, AKONING  
resonance total cross section



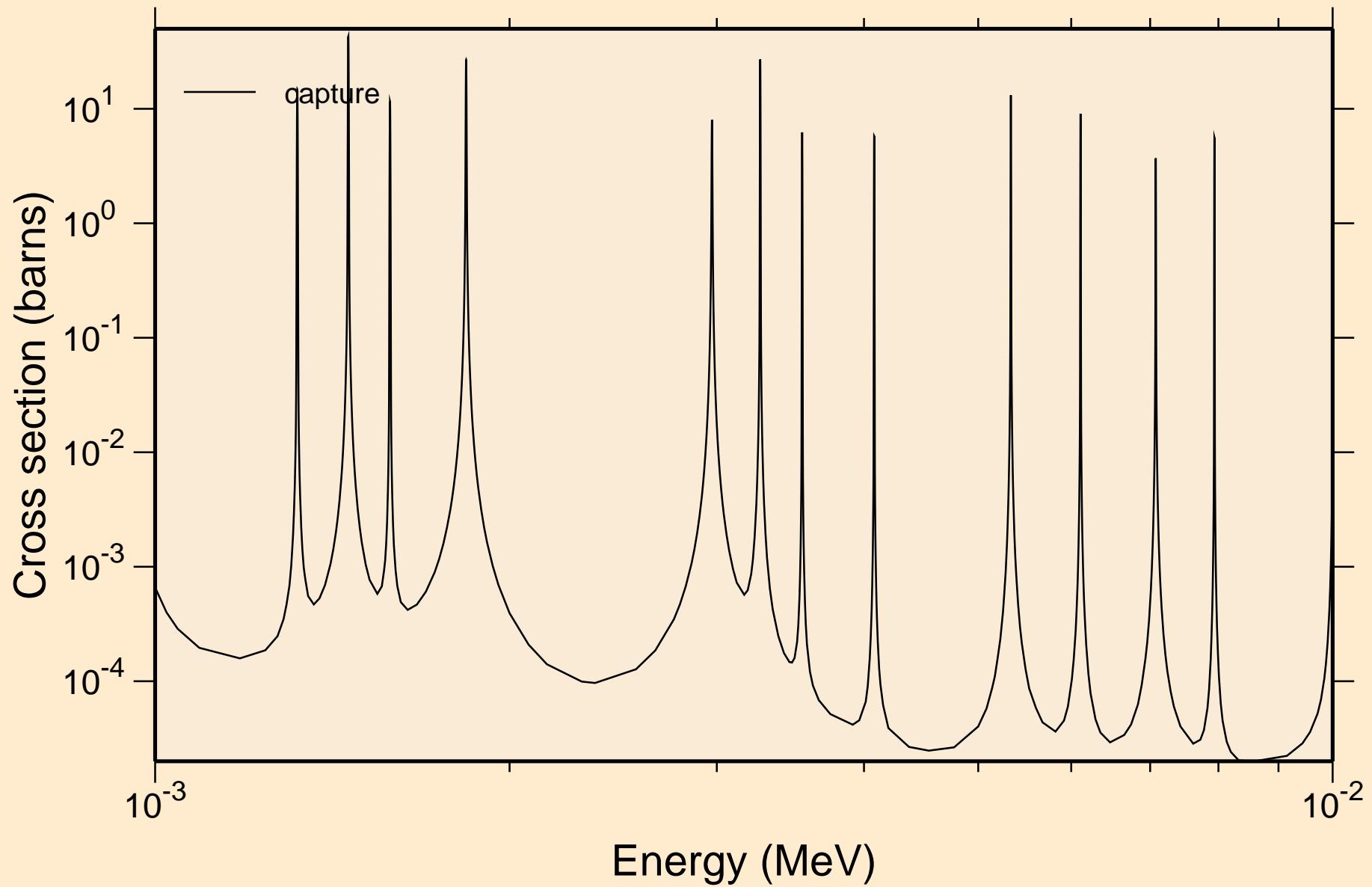
TE128 NRG TENDL-2015, AKONING  
resonance total cross section



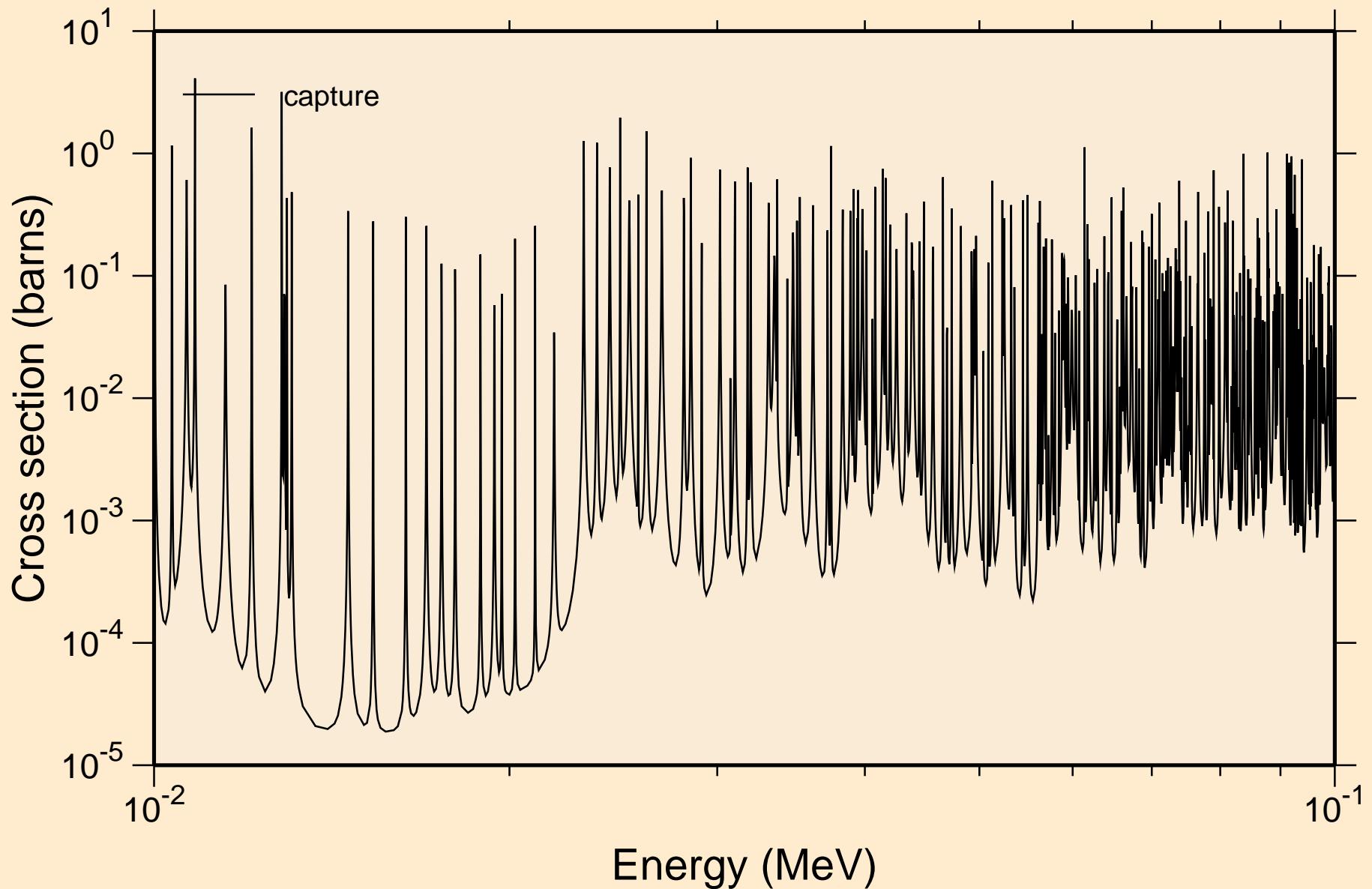
# TE128 NRG TENDL-2015, AKONING resonance absorption cross sections



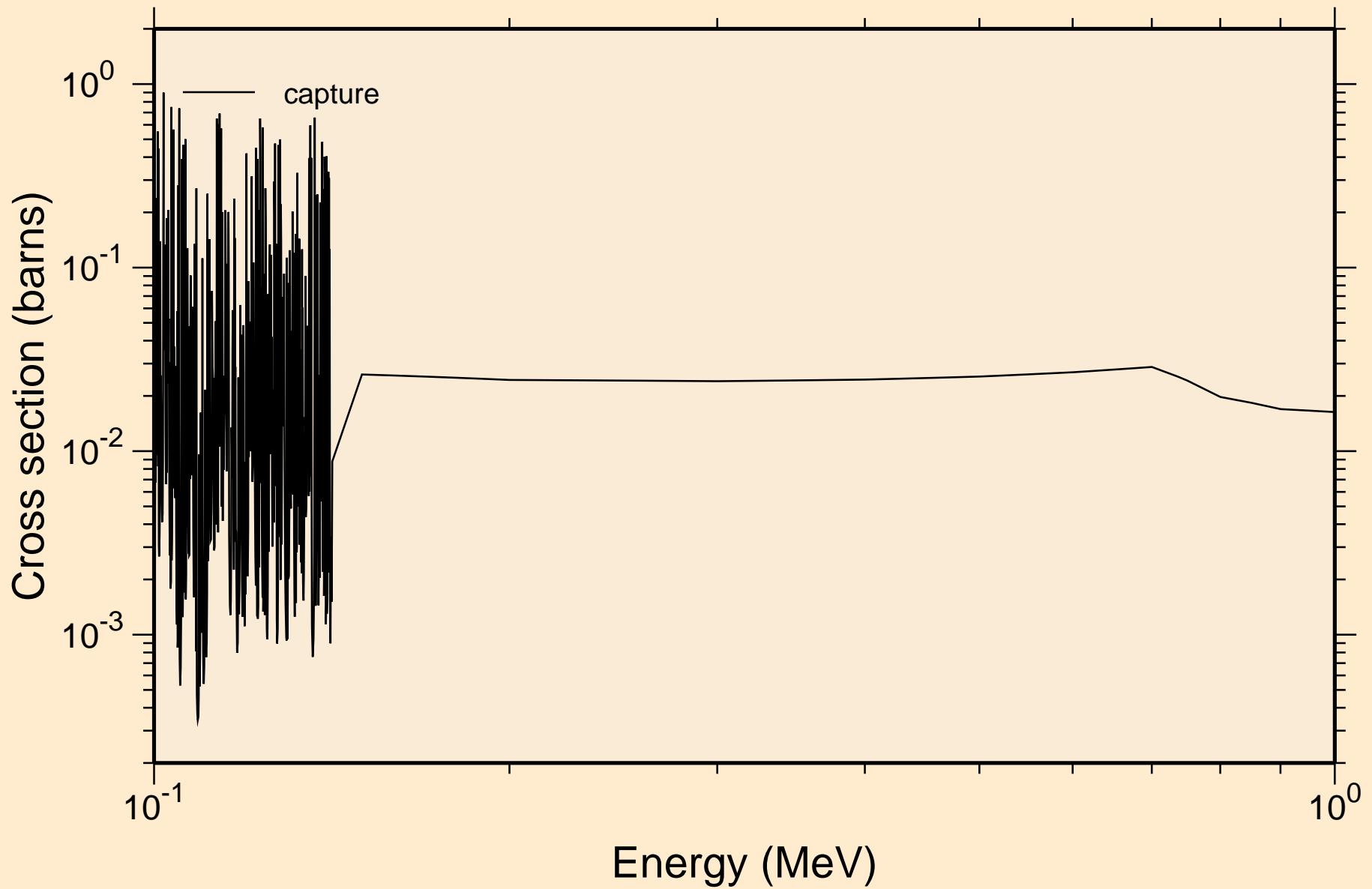
TE128 NRG TENDL-2015, AKONING  
resonance absorption cross sections



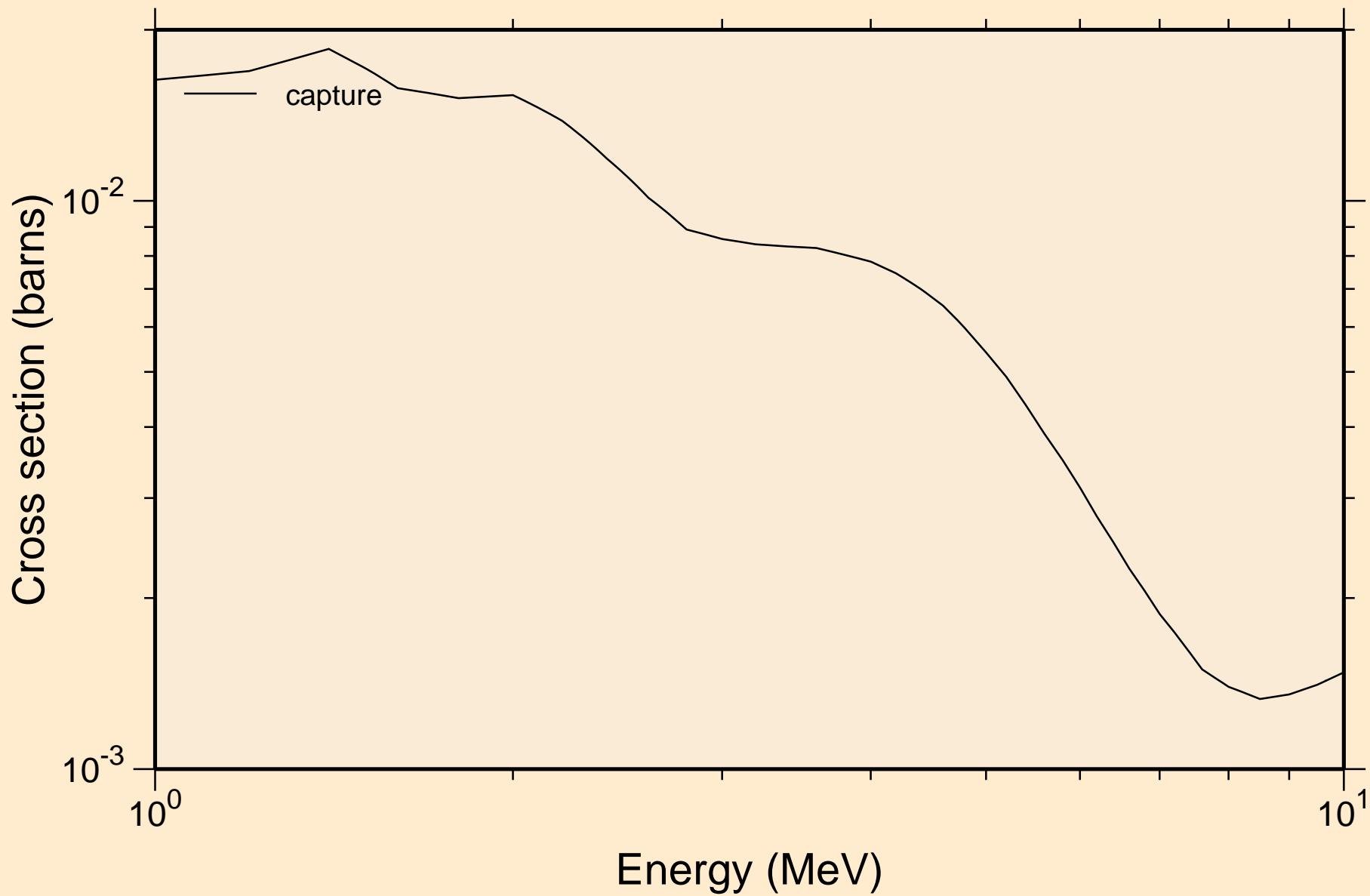
TE128 NRG TENDL-2015, AKONING  
resonance absorption cross sections



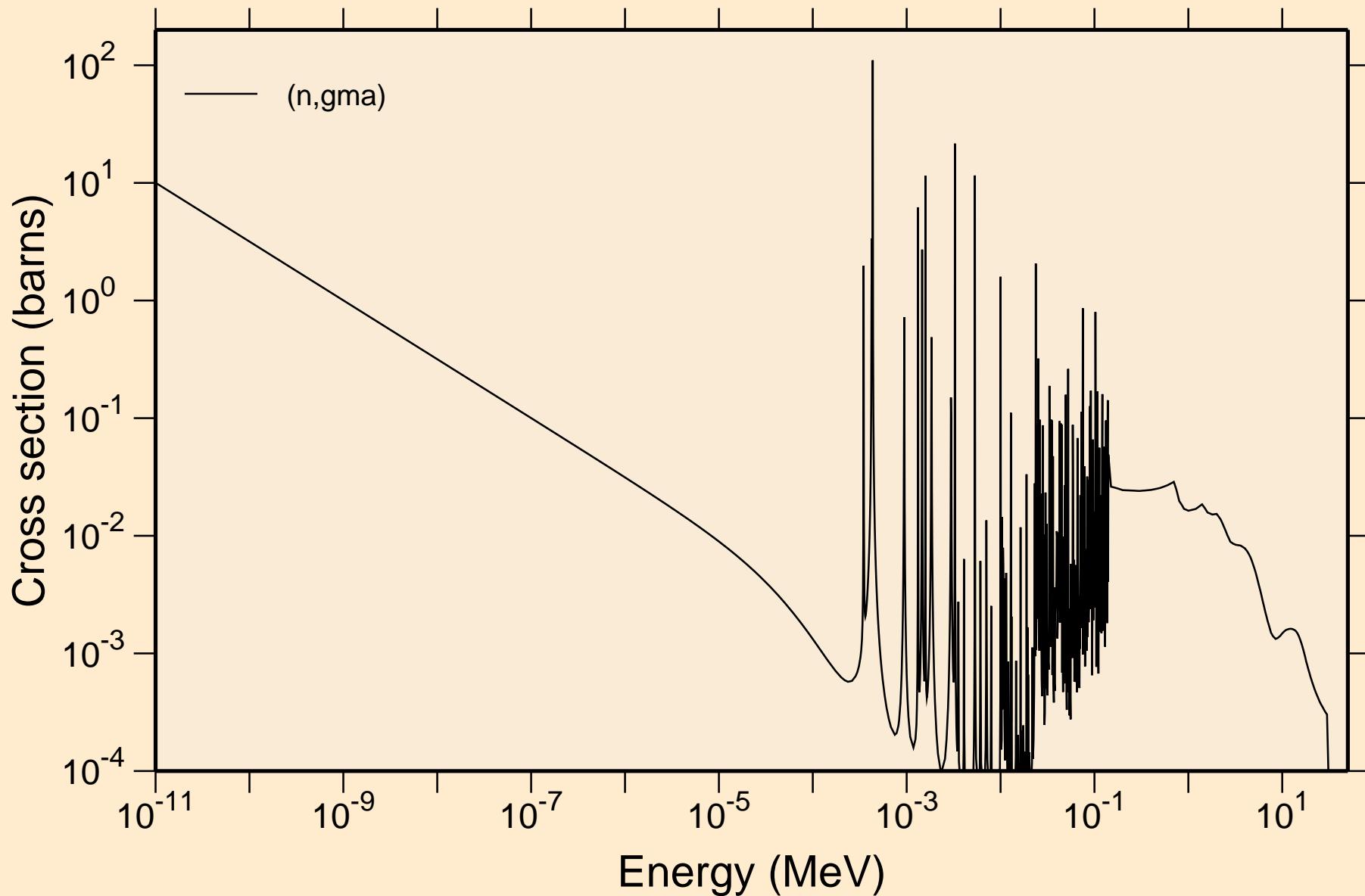
TE128 NRG TENDL-2015, AKONING  
resonance absorption cross sections



TE128 NRG TENDL-2015, AKONING  
resonance absorption cross sections

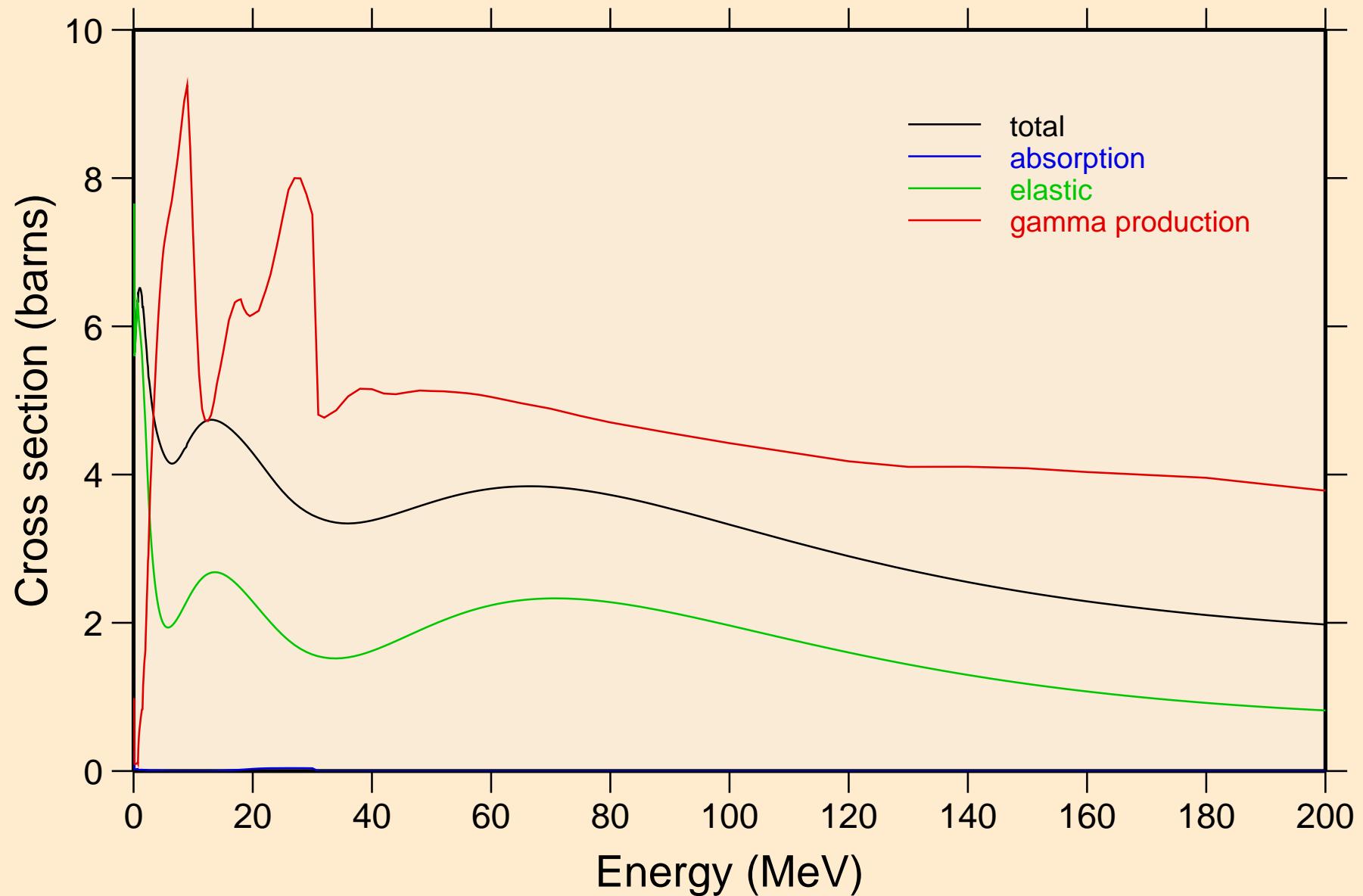


TE128 NRG TENDL-2015, AKONING  
Non-threshold reactions

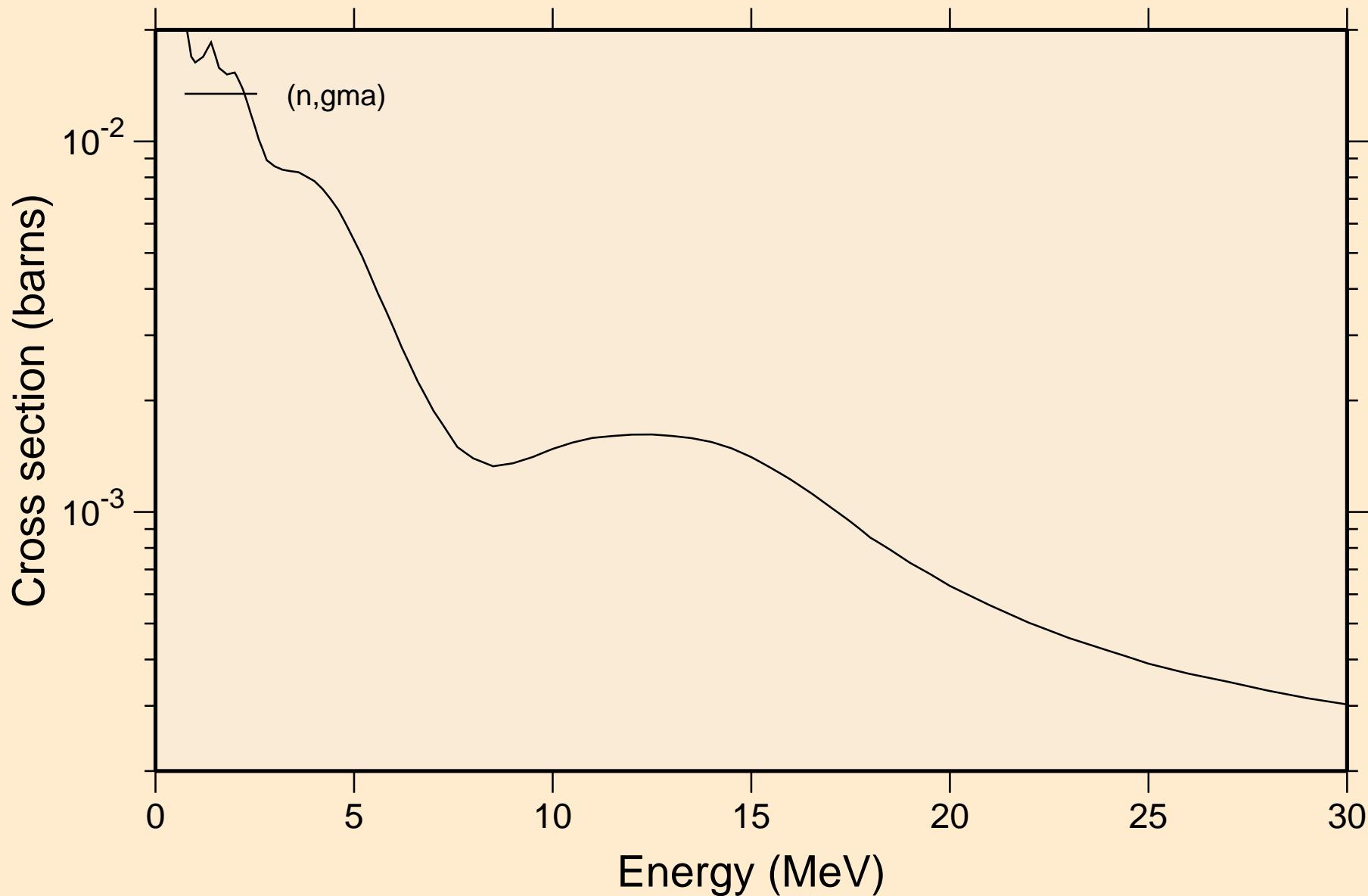


# TE128 NRG TENDL-2015, AKONING

## Principal cross sections

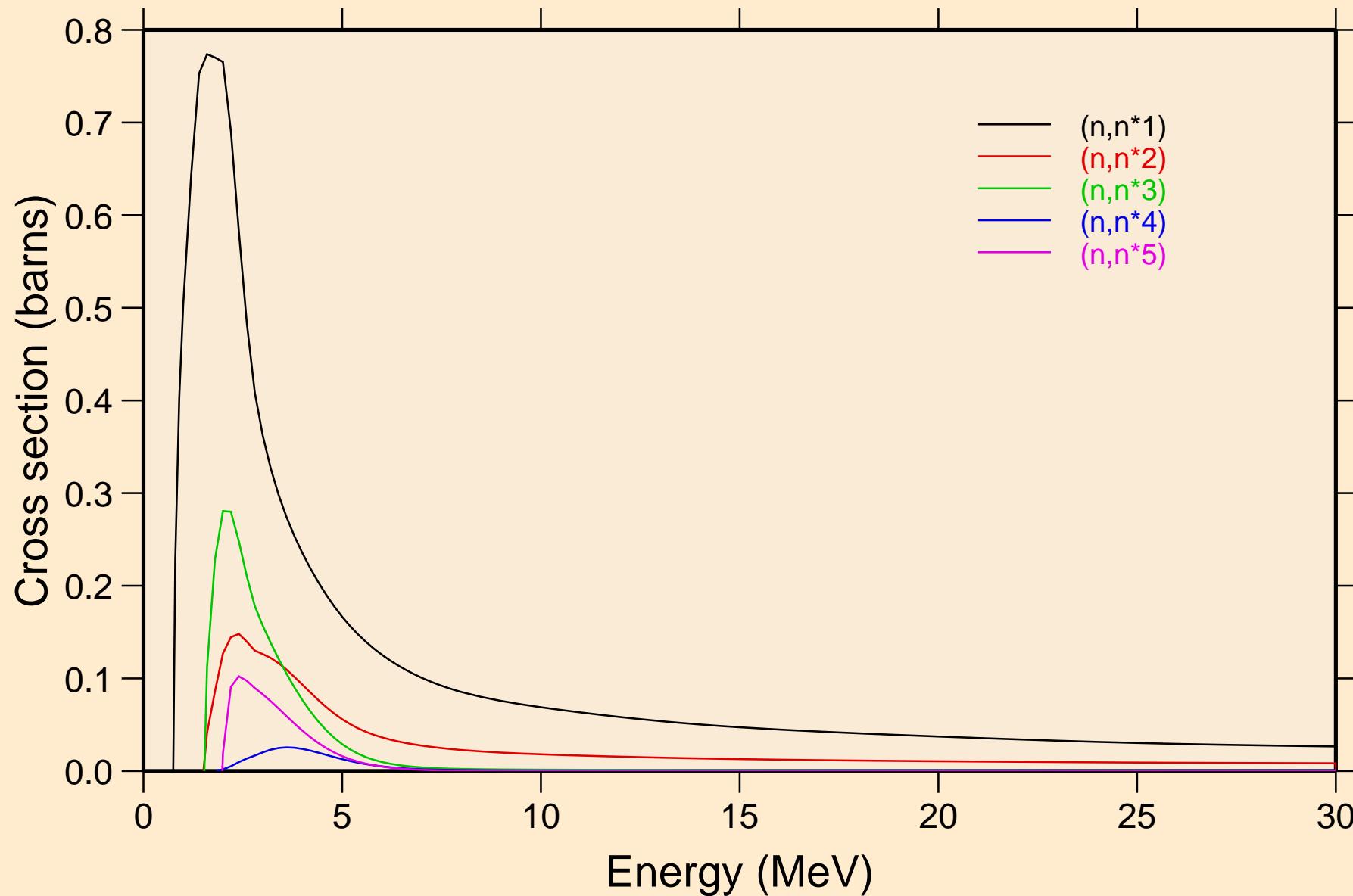


TE128 NRG TENDL-2015, AKONING  
Non-threshold reactions



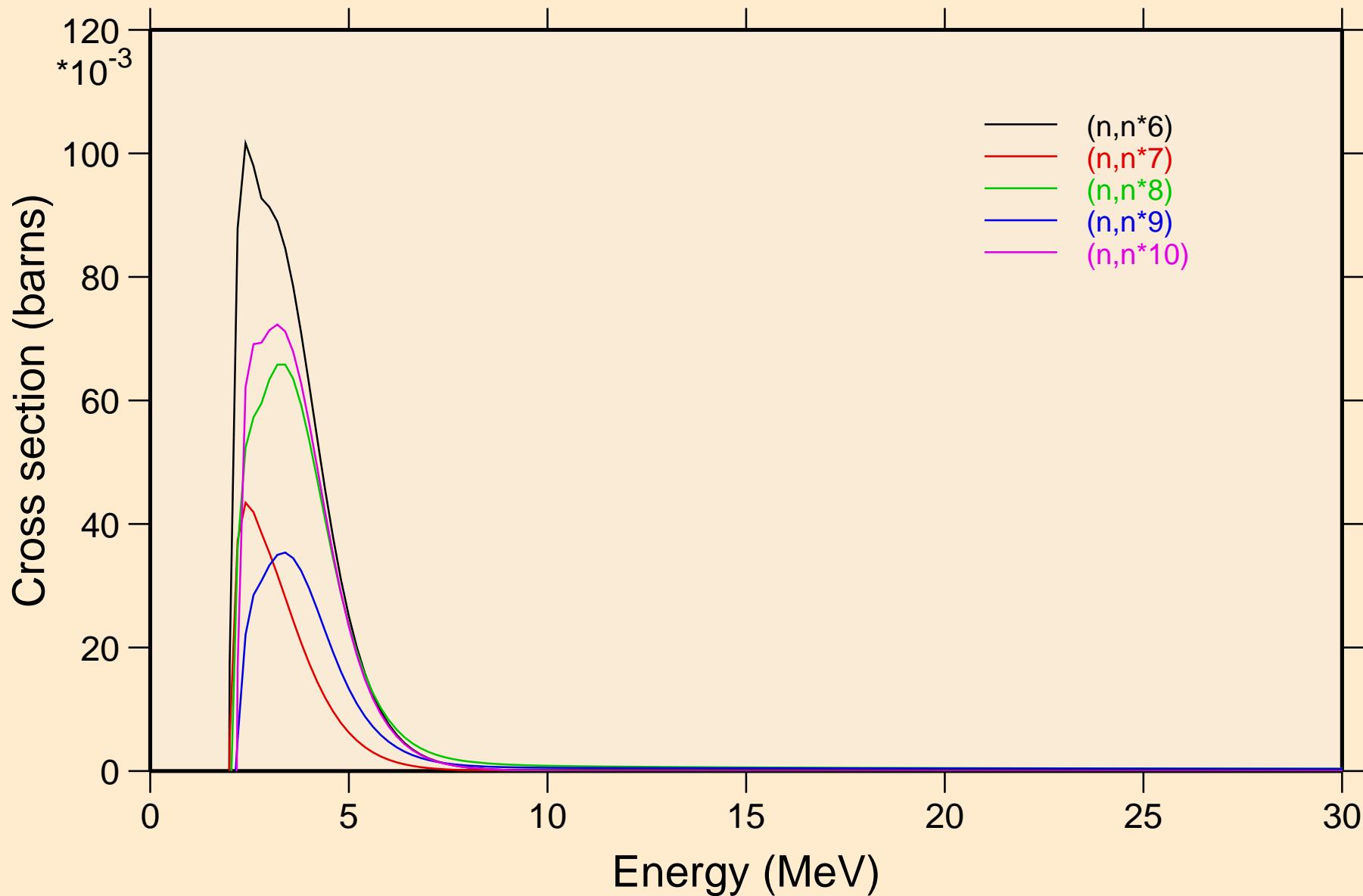
# TE128 NRG TENDL-2015, AKONING

## Inelastic levels



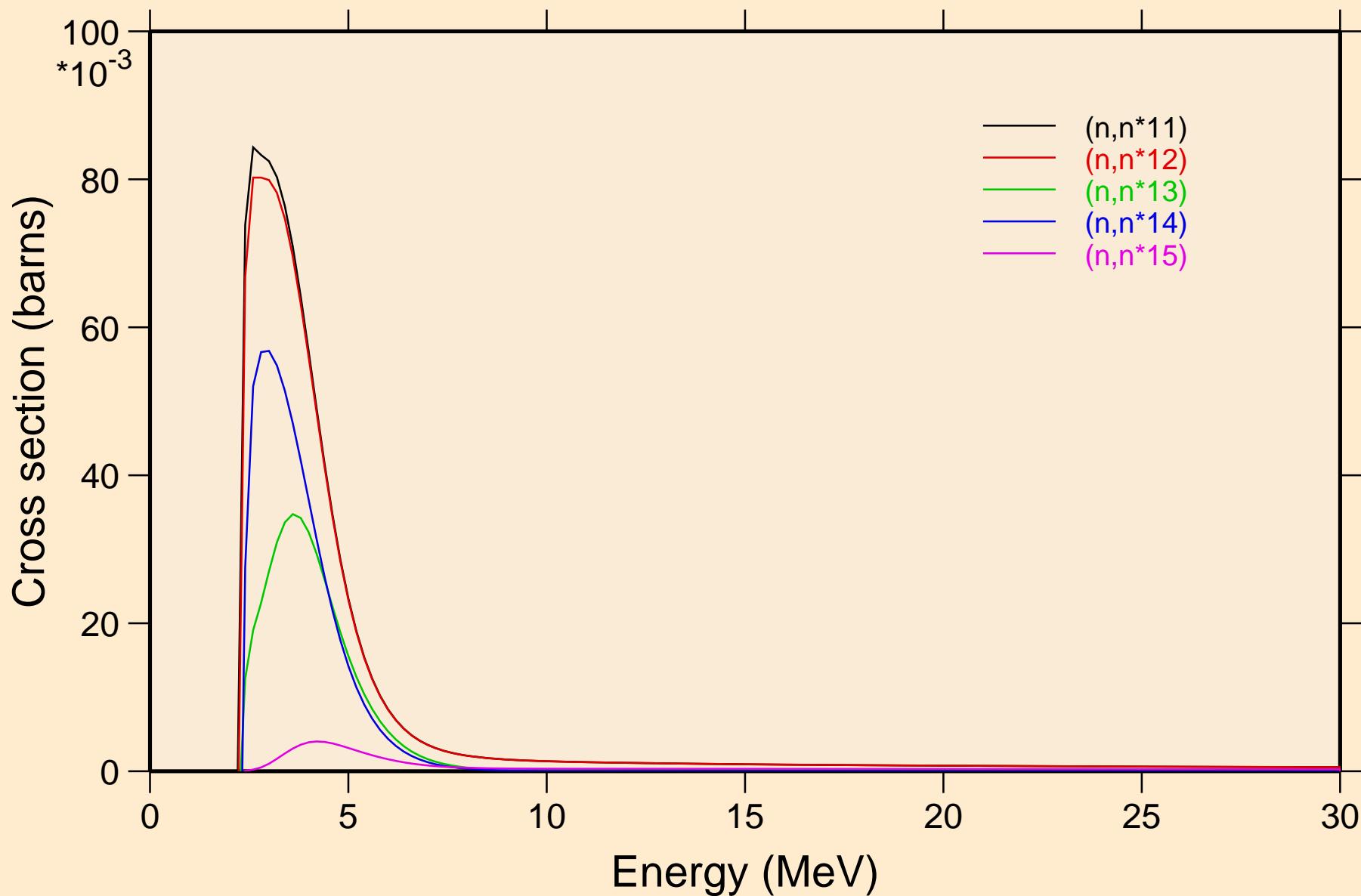
# TE128 NRG TENDL-2015, AKONING

## Inelastic levels



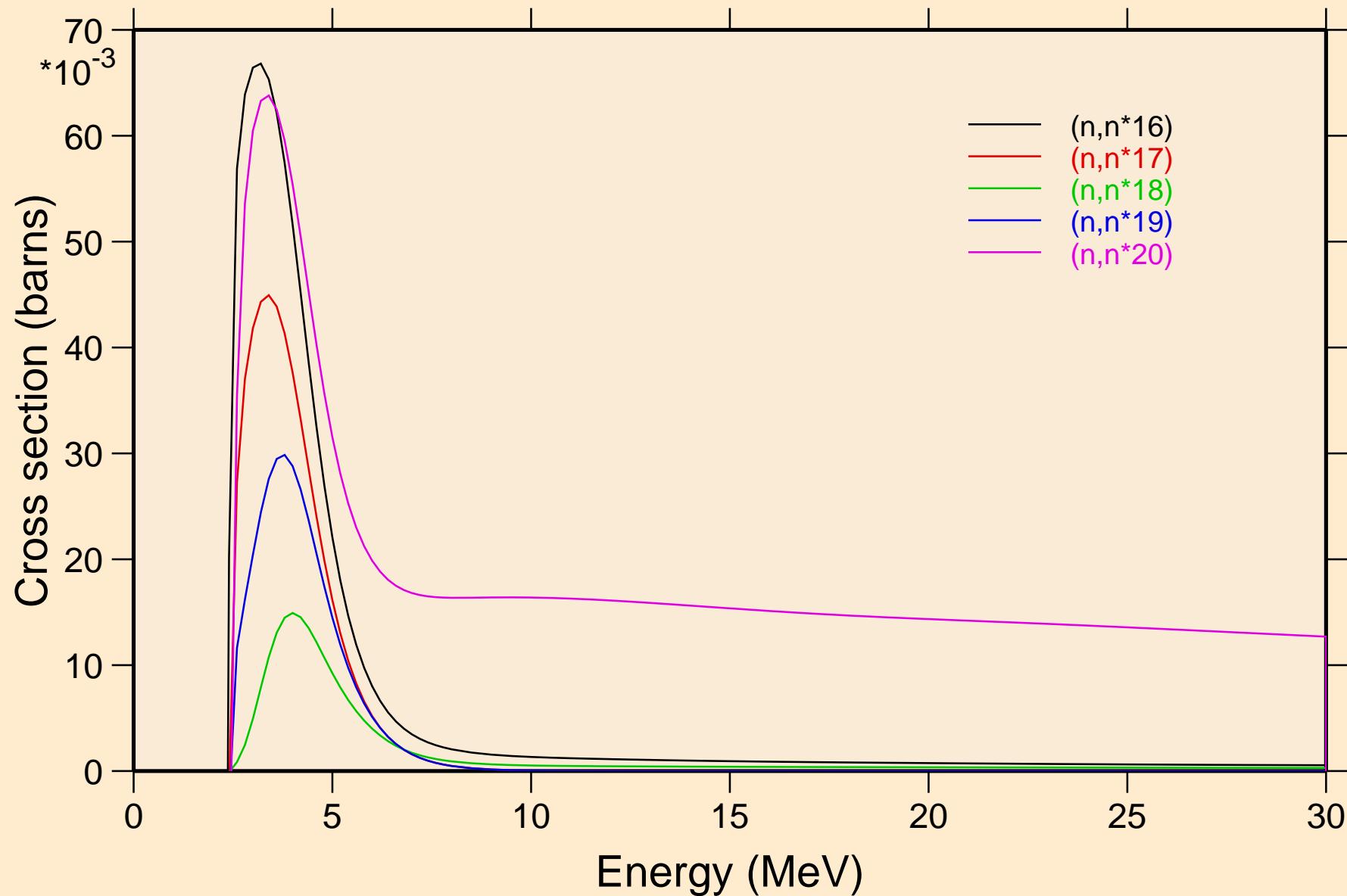
# TE128 NRG TENDL-2015, AKONING

## Inelastic levels

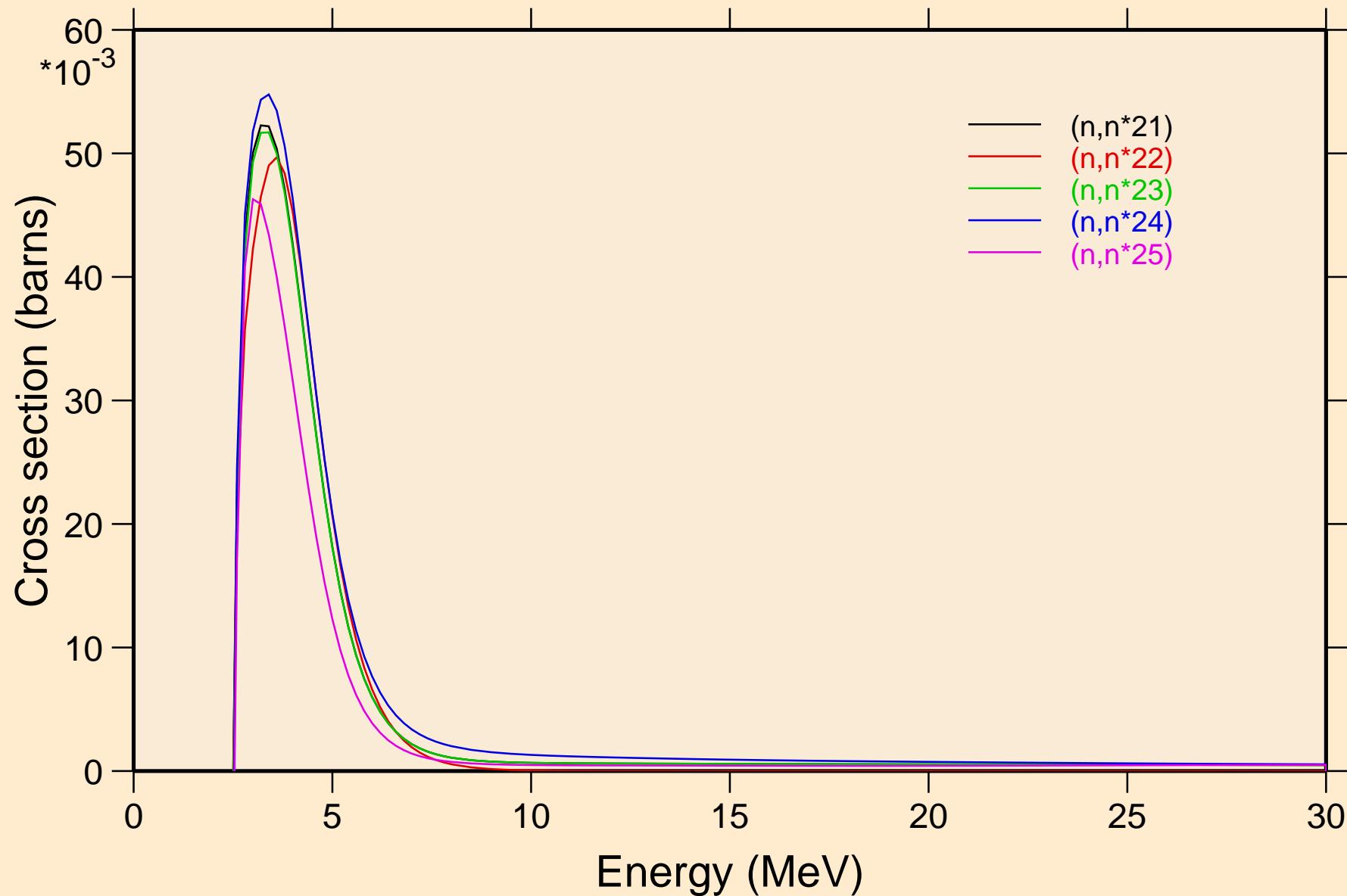


# TE128 NRG TENDL-2015, AKONING

## Inelastic levels

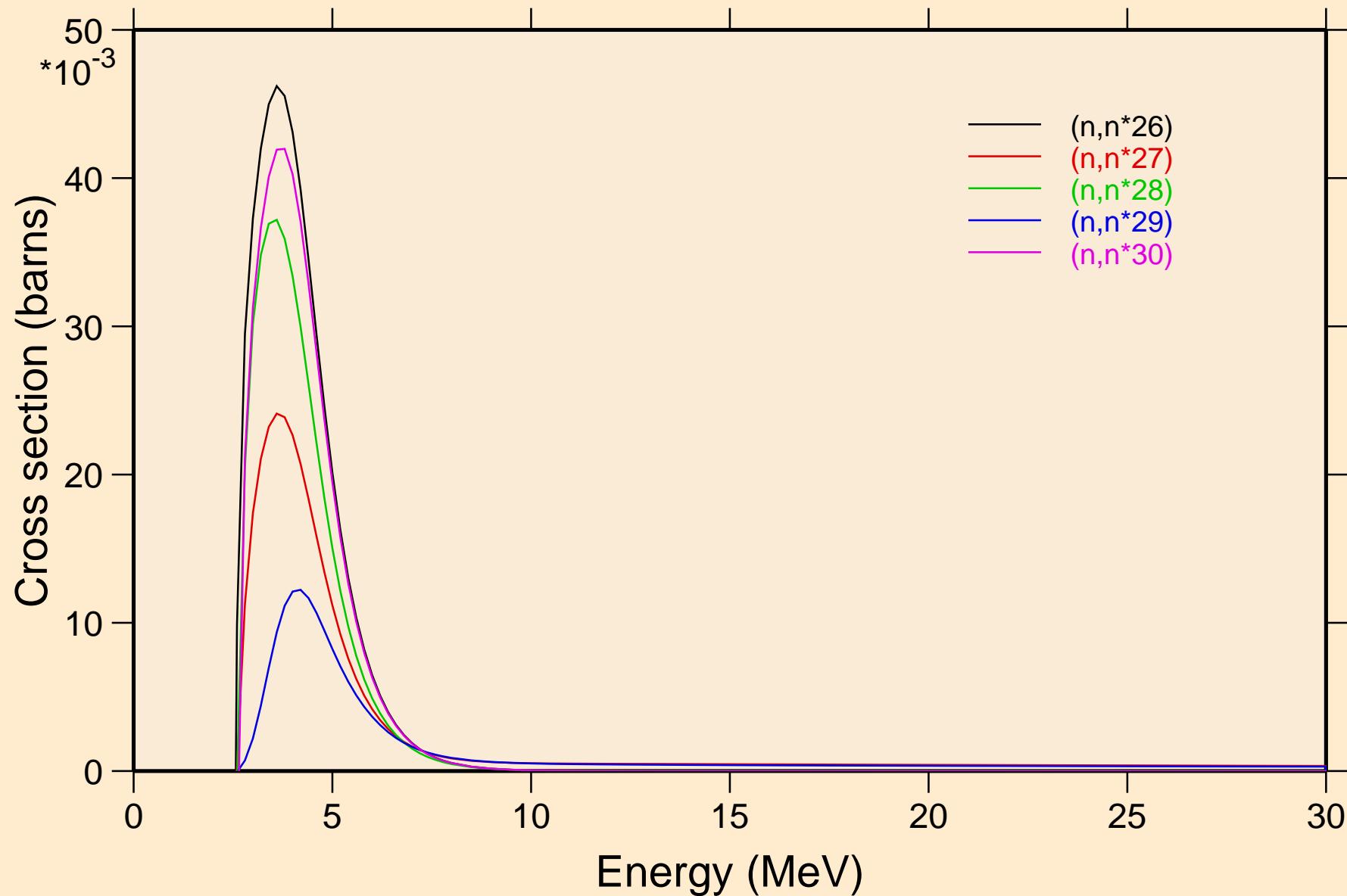


TE128 NRG TENDL-2015, AKONING  
Inelastic levels



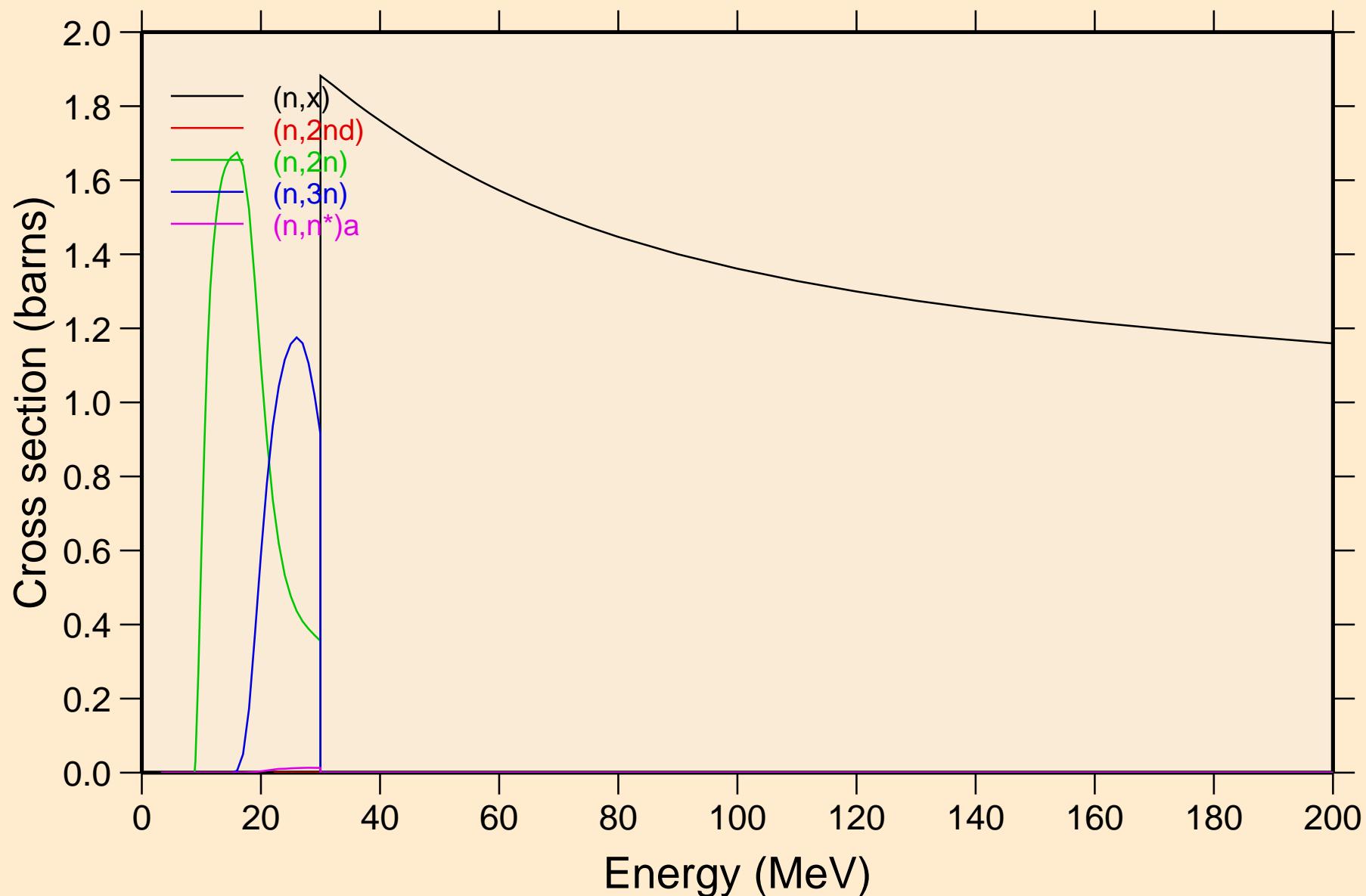
# TE128 NRG TENDL-2015, AKONING

## Inelastic levels



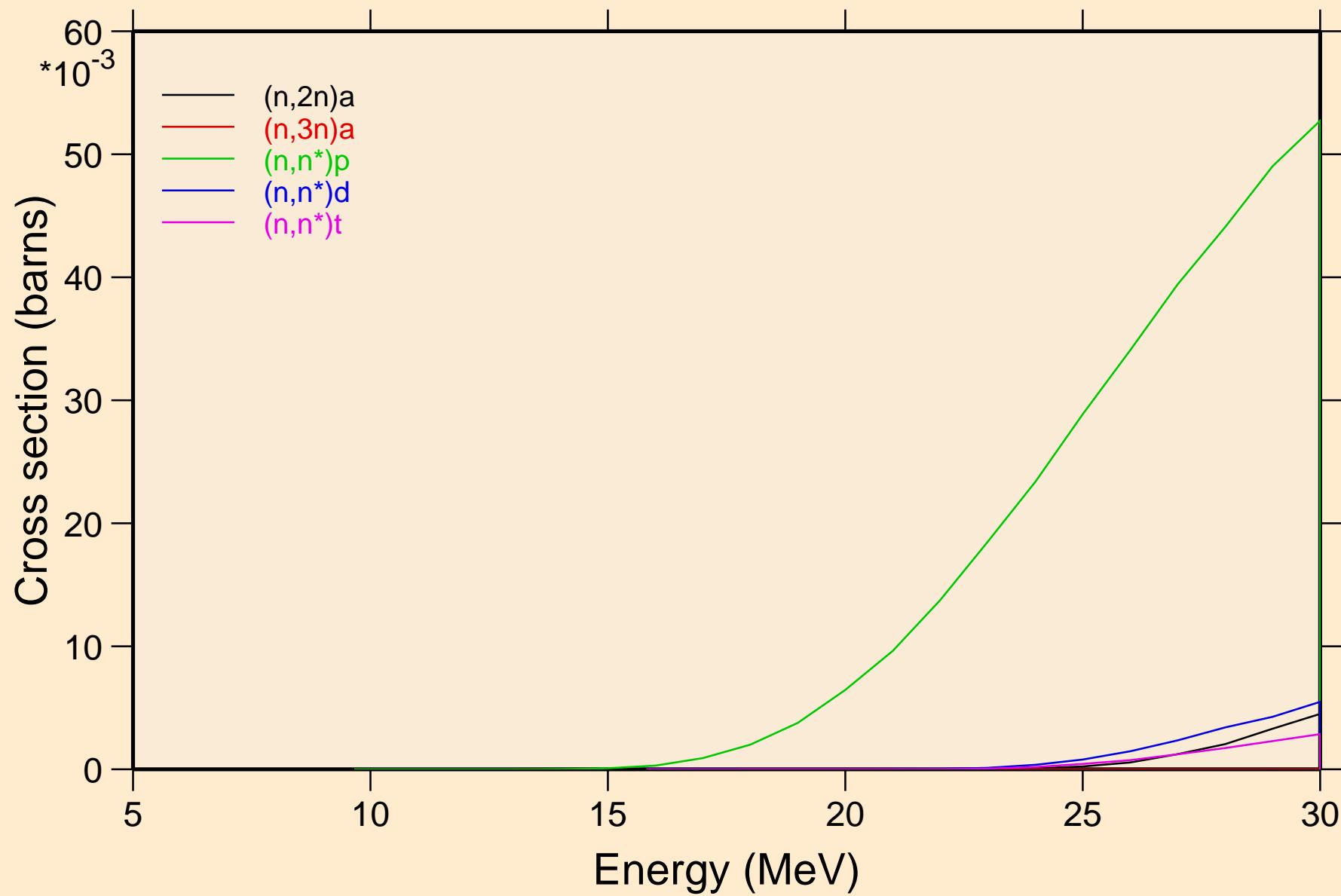
# TE128 NRG TENDL-2015, AKONING

## Threshold reactions



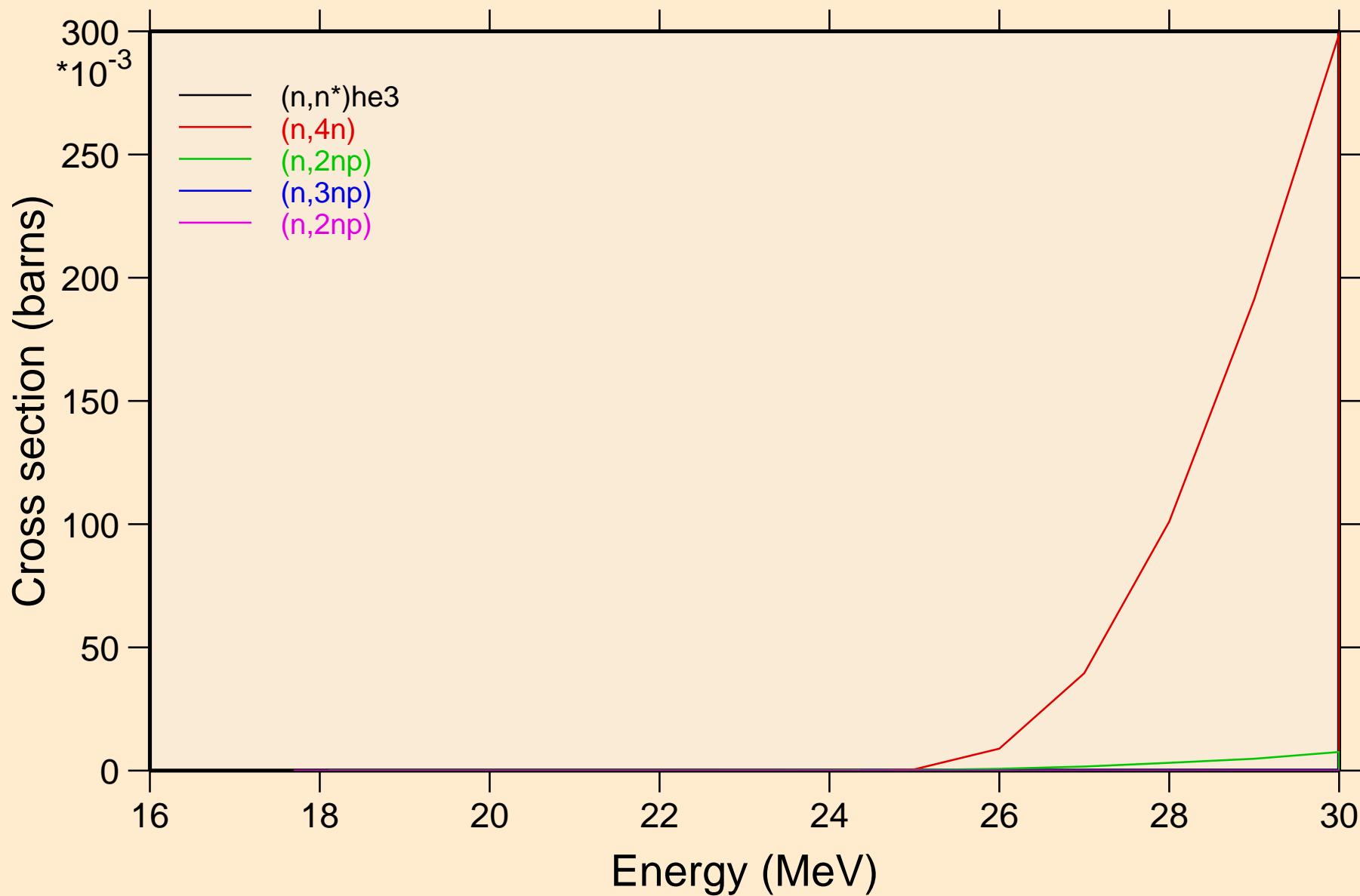
# TE128 NRG TENDL-2015, AKONING

## Threshold reactions



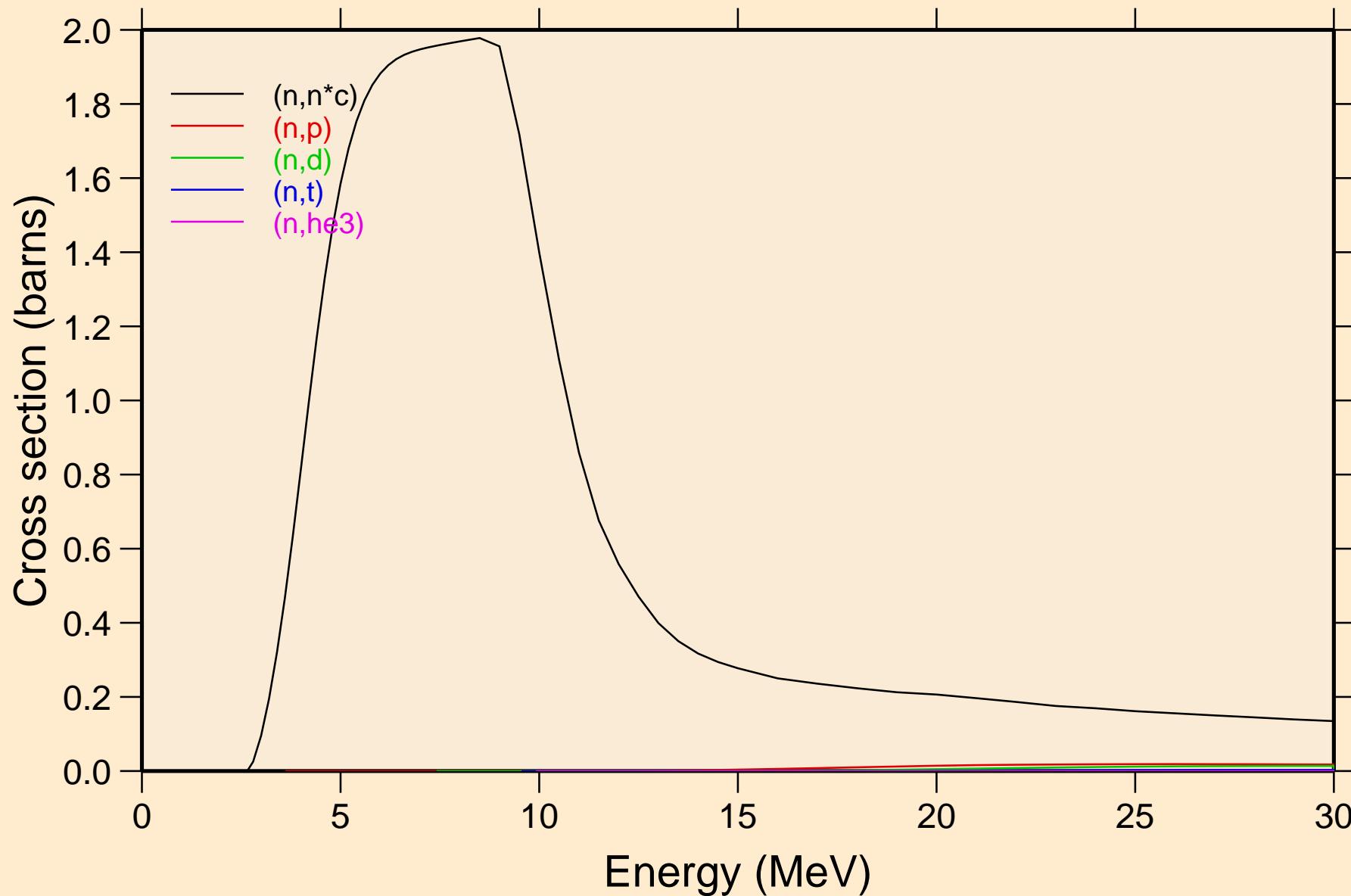
# TE128 NRG TENDL-2015, AKONING

## Threshold reactions



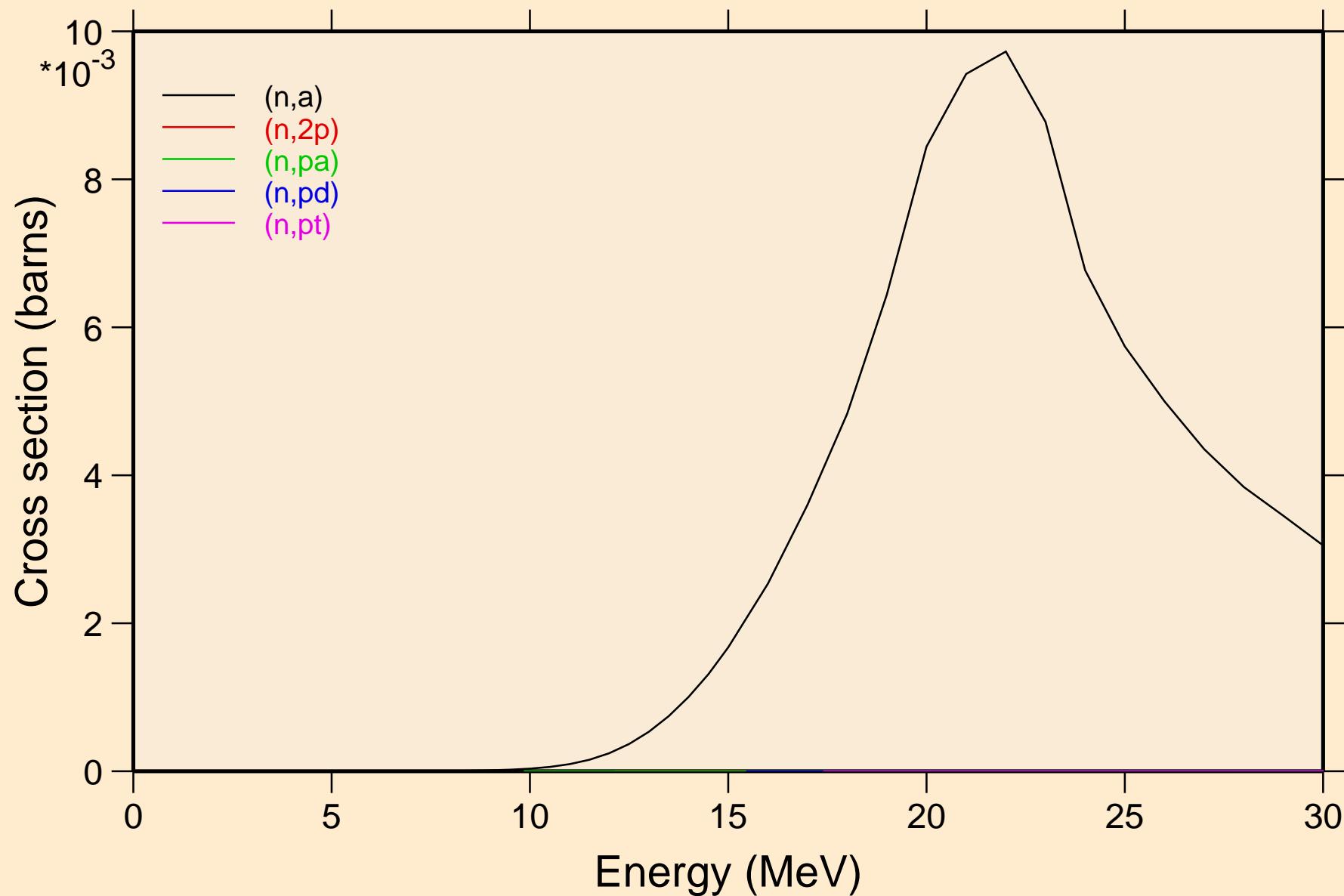
# TE128 NRG TENDL-2015, AKONING

## Threshold reactions

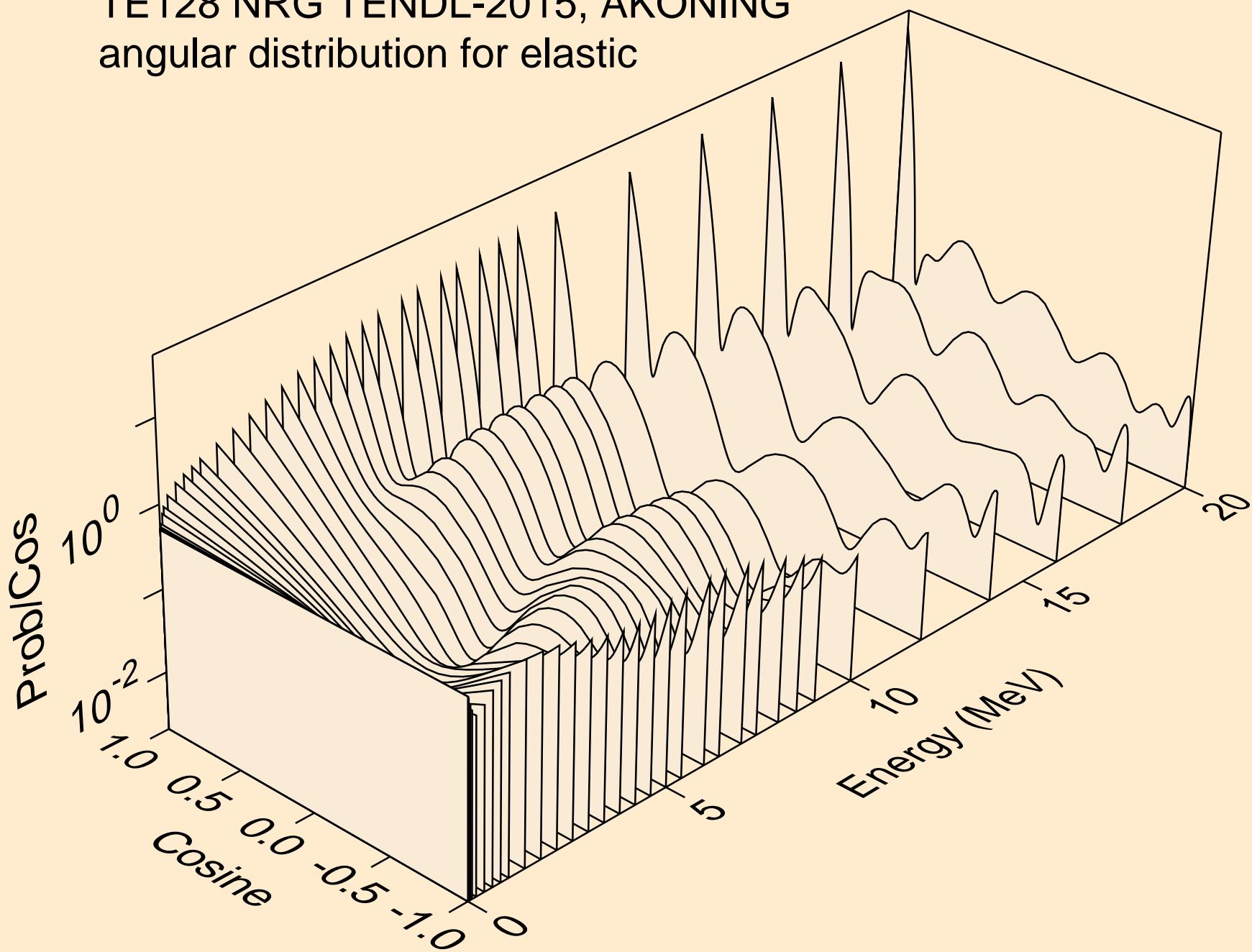


# TE128 NRG TENDL-2015, AKONING

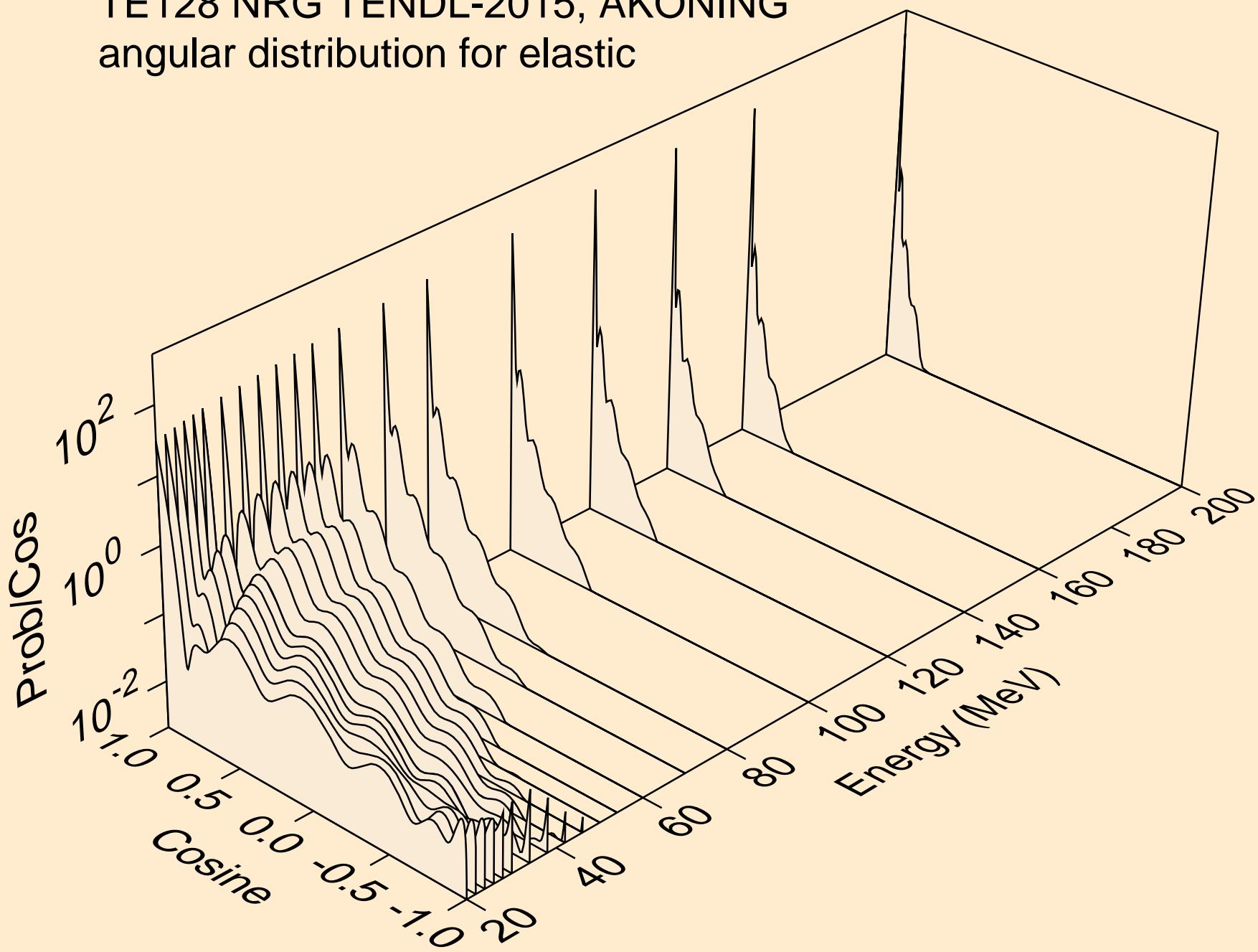
## Threshold reactions



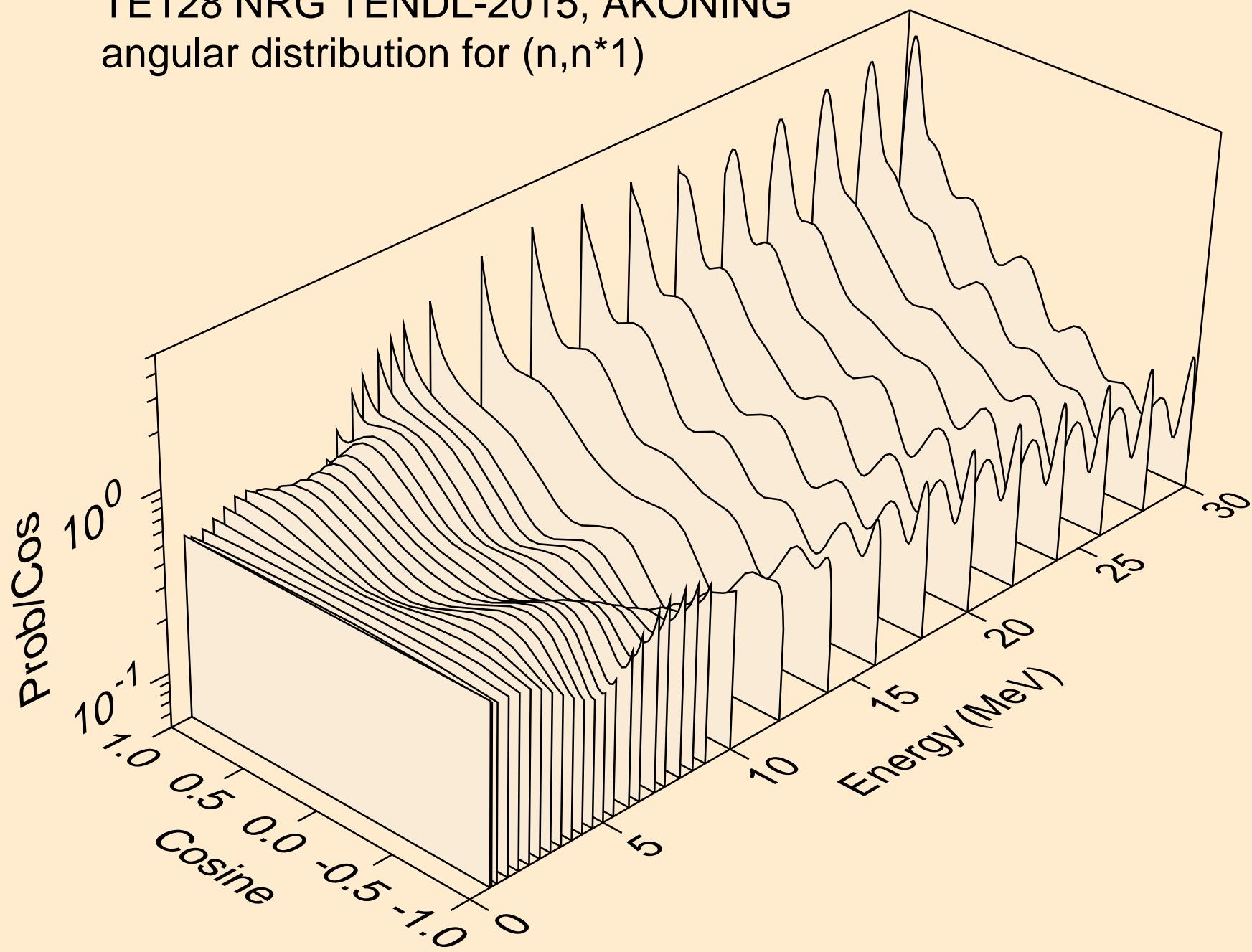
TE128 NRG TENDL-2015, AKONING  
angular distribution for elastic



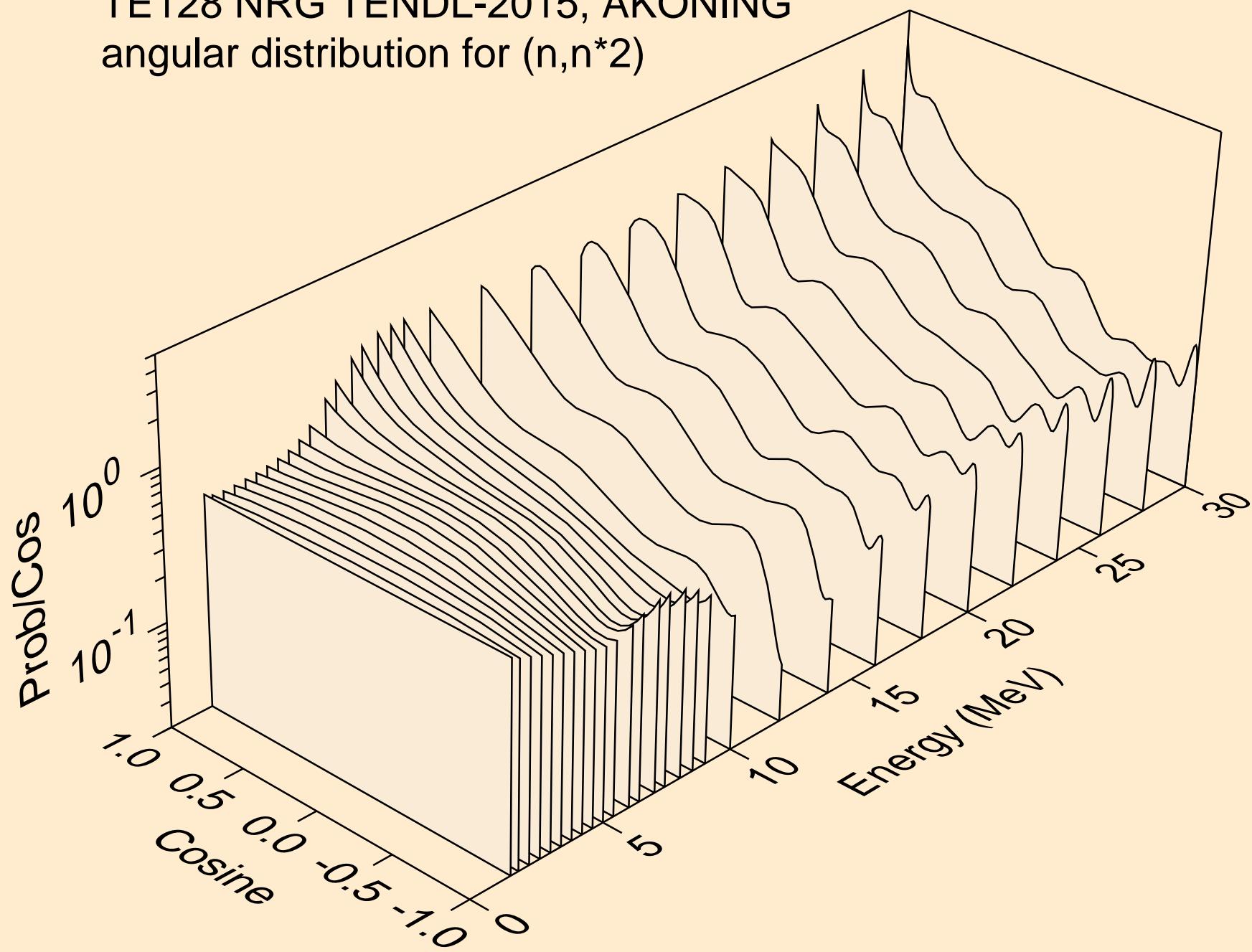
TE128 NRG TENDL-2015, AKONING  
angular distribution for elastic



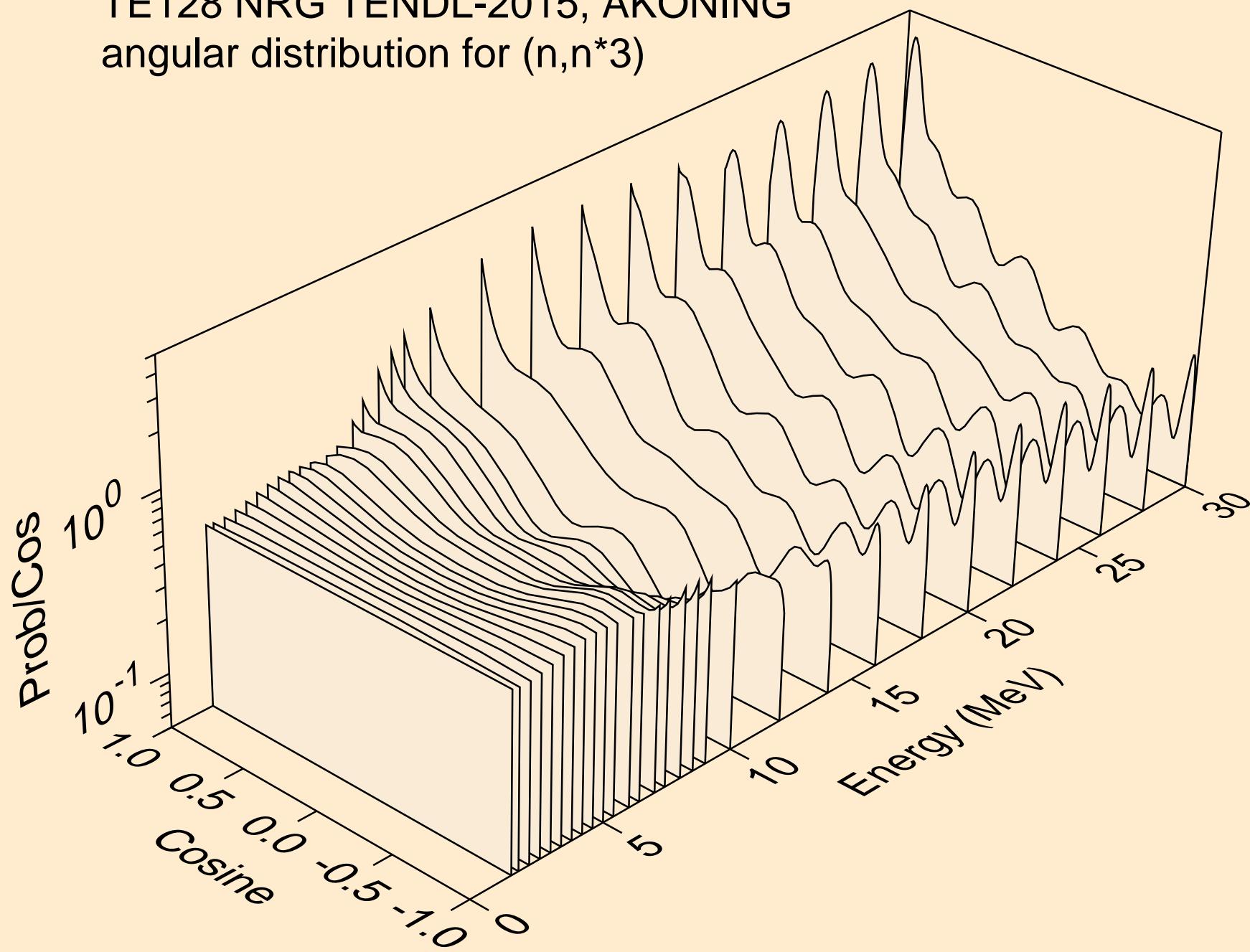
TE128 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)$



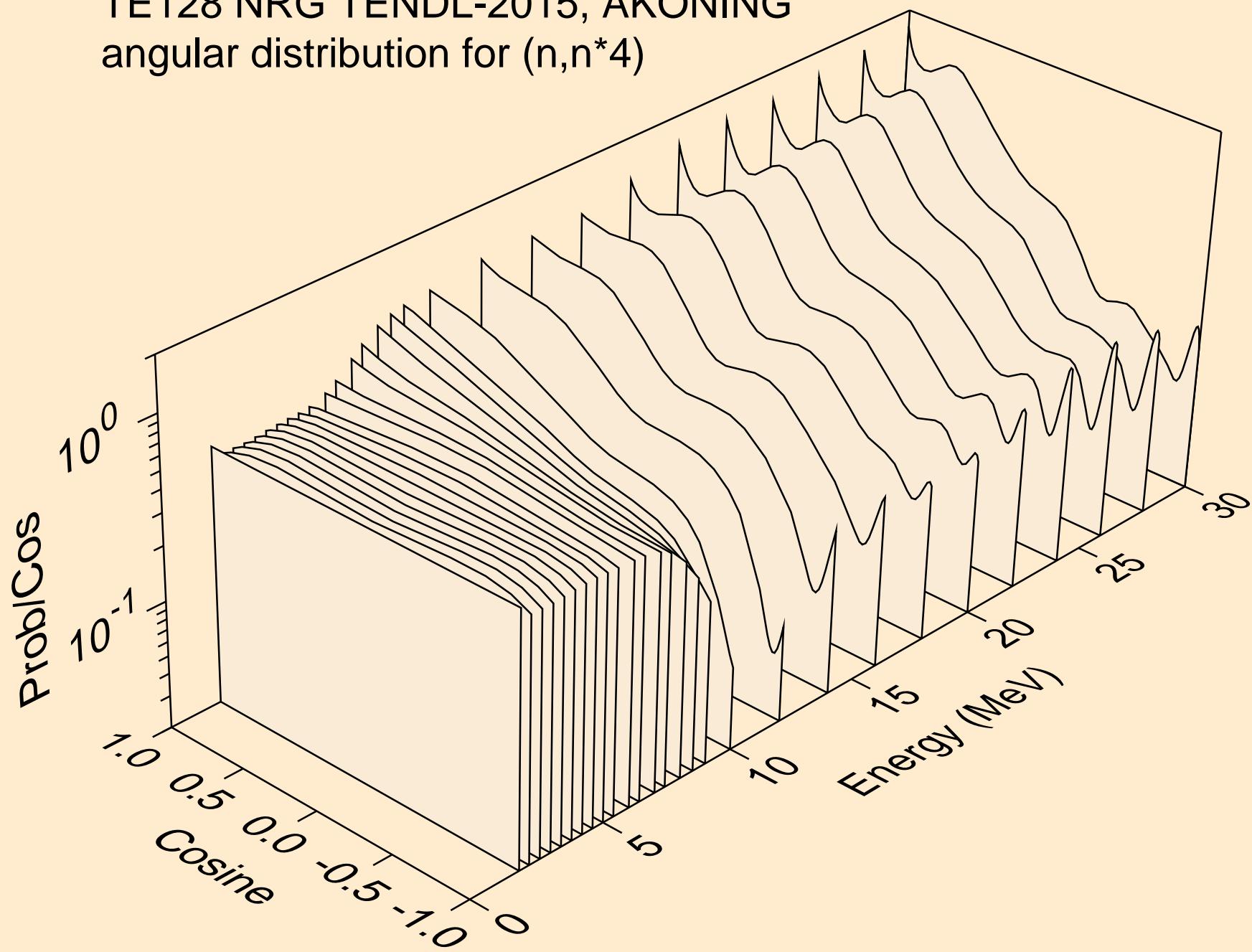
TE128 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^2$



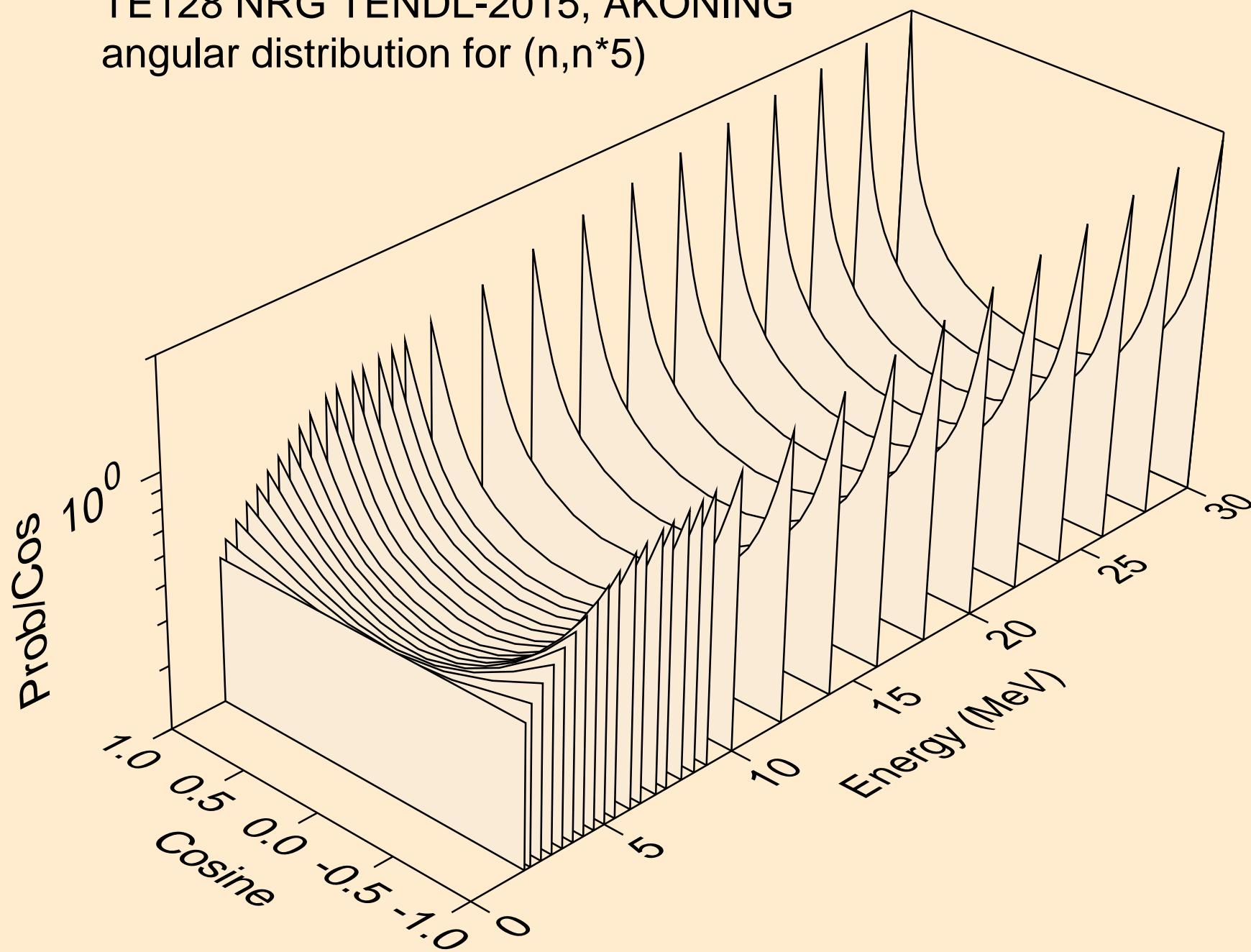
TE128 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*3)$



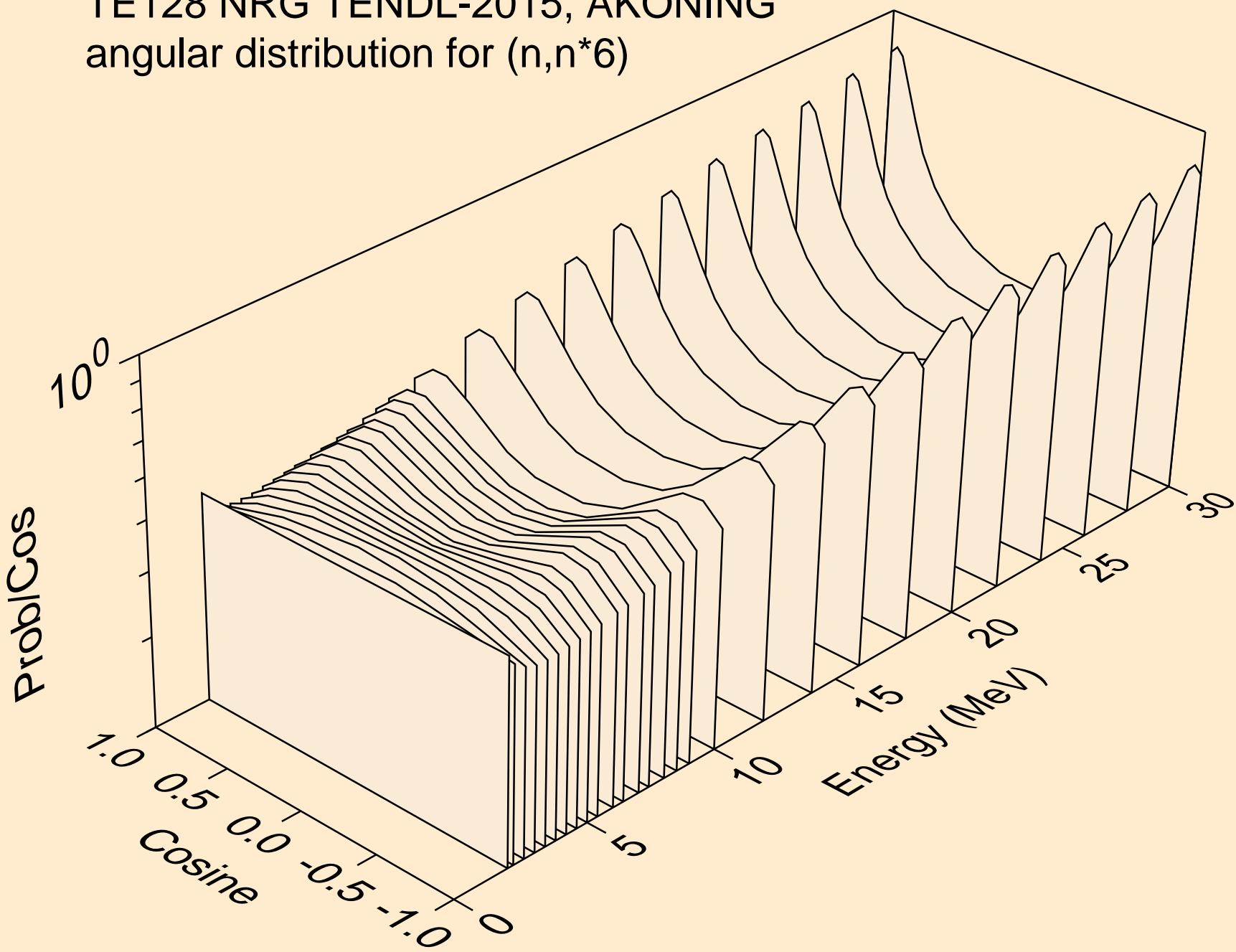
TE128 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*4)$



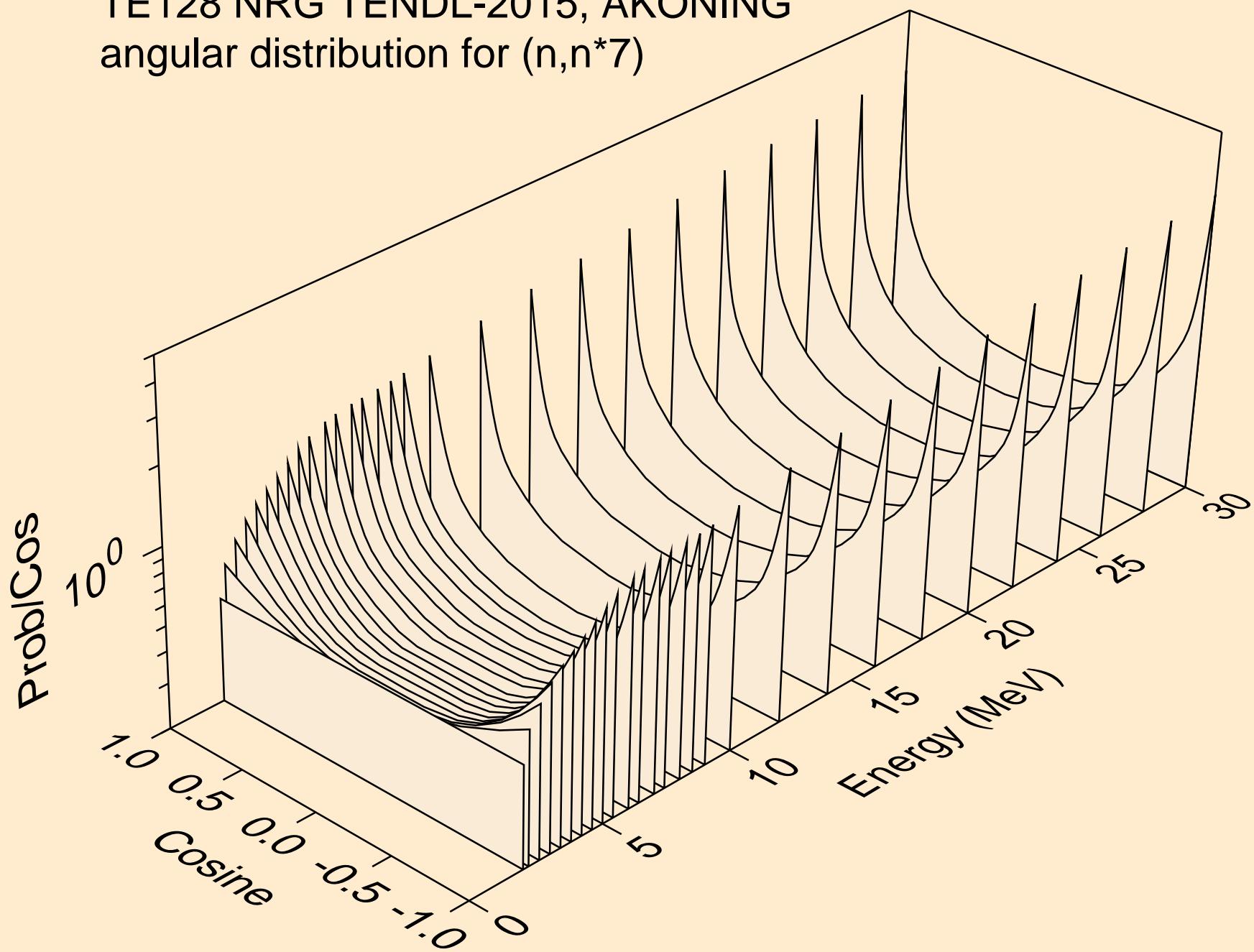
TE128 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^5$



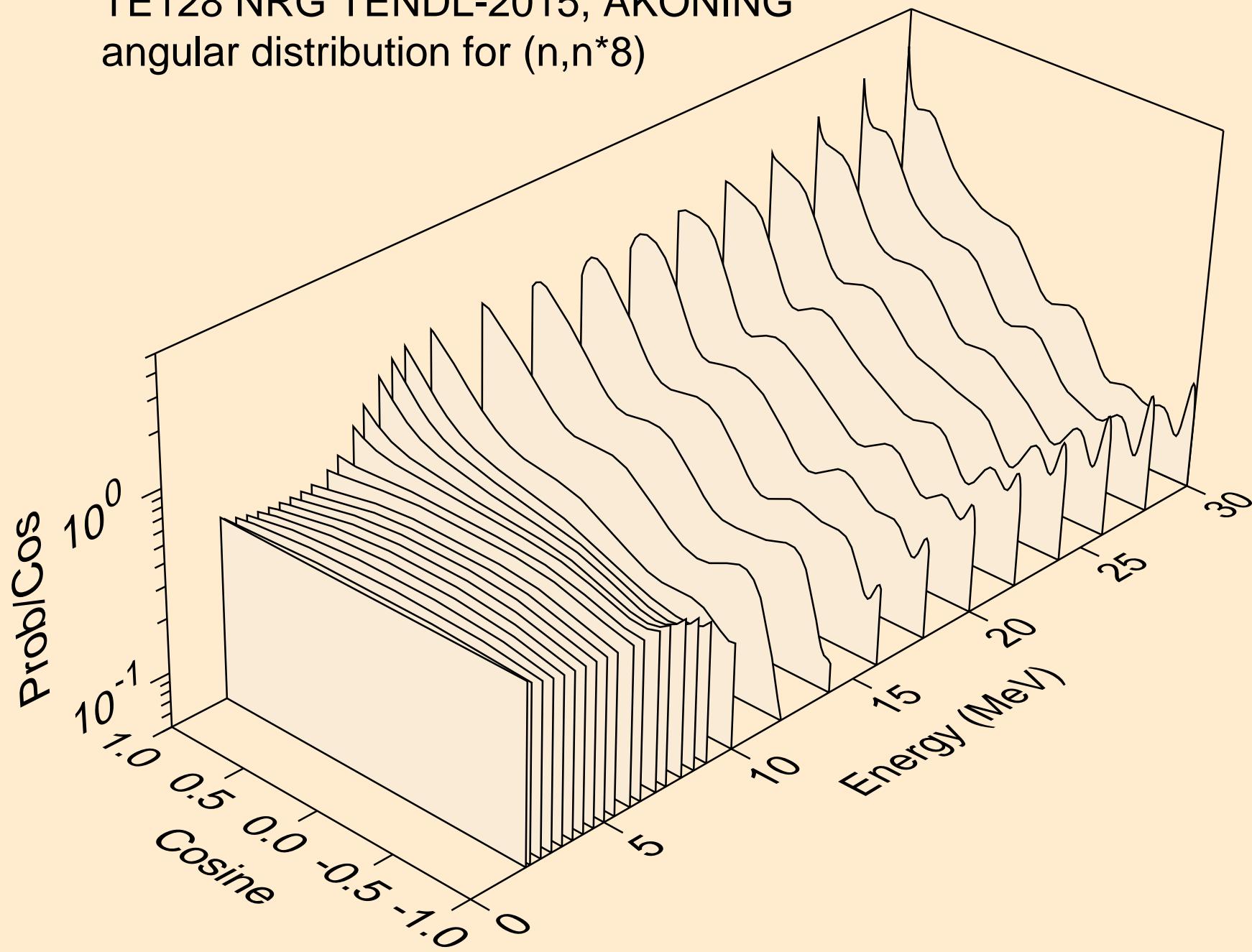
TE128 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*6)$



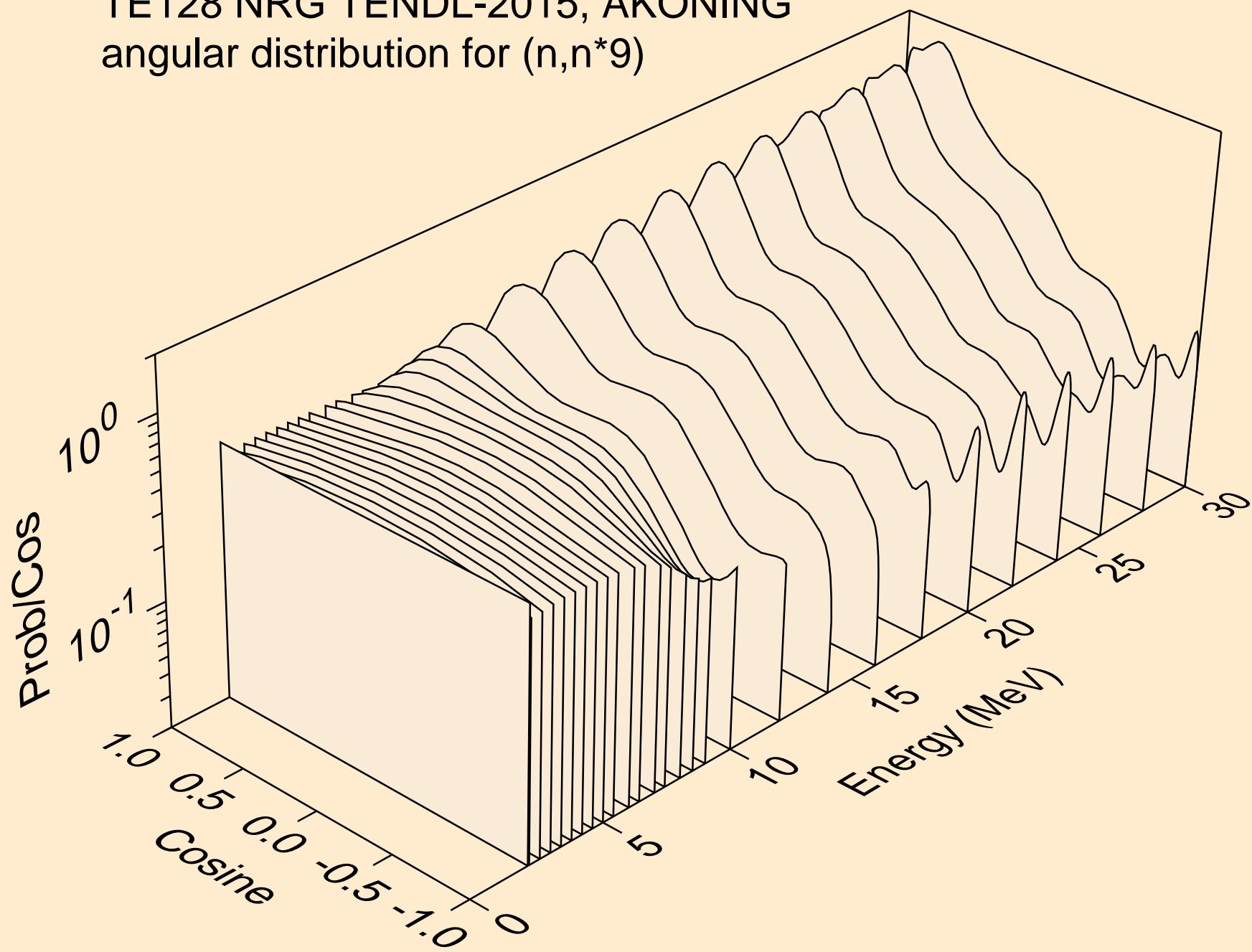
TE128 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^7$



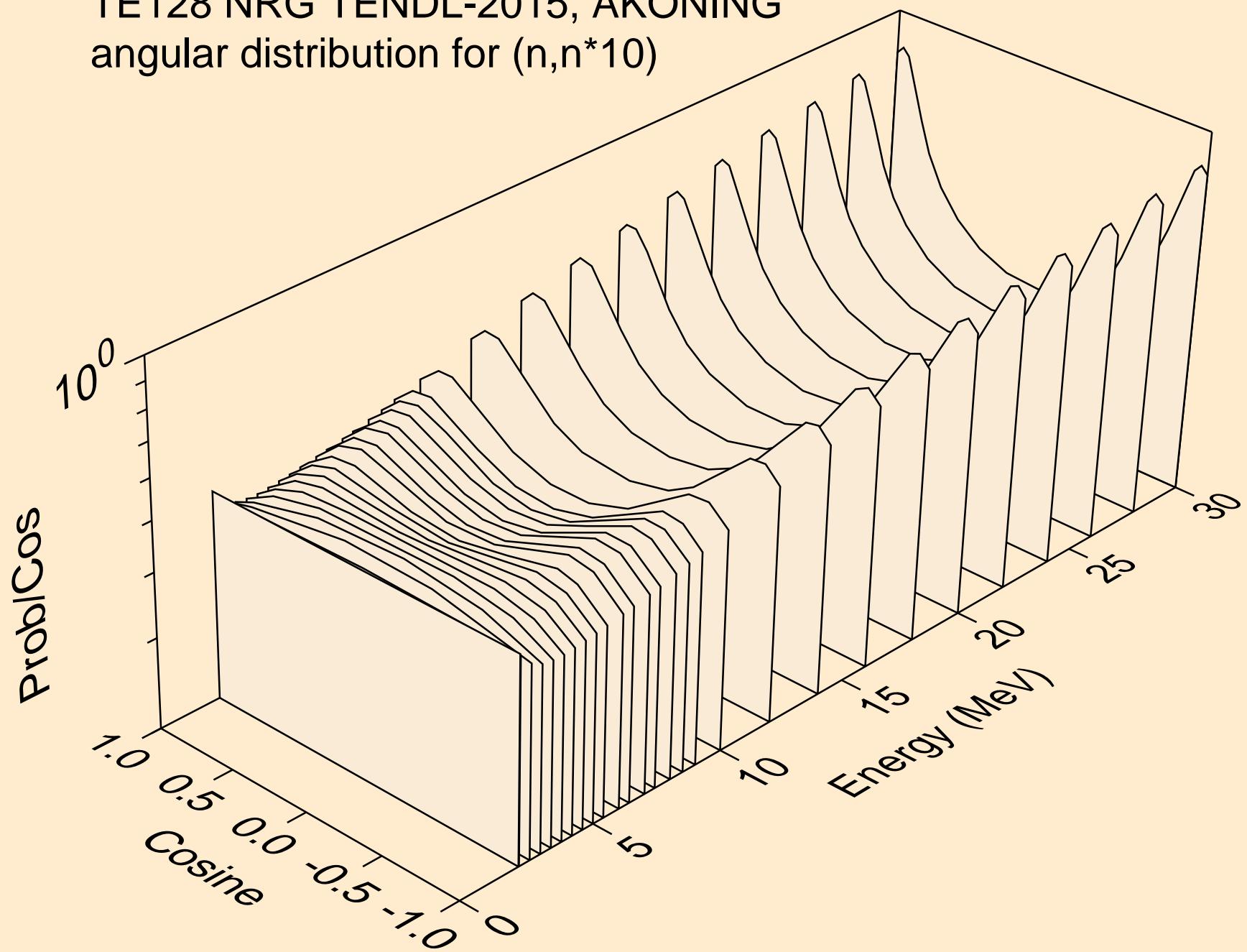
TE128 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^8$



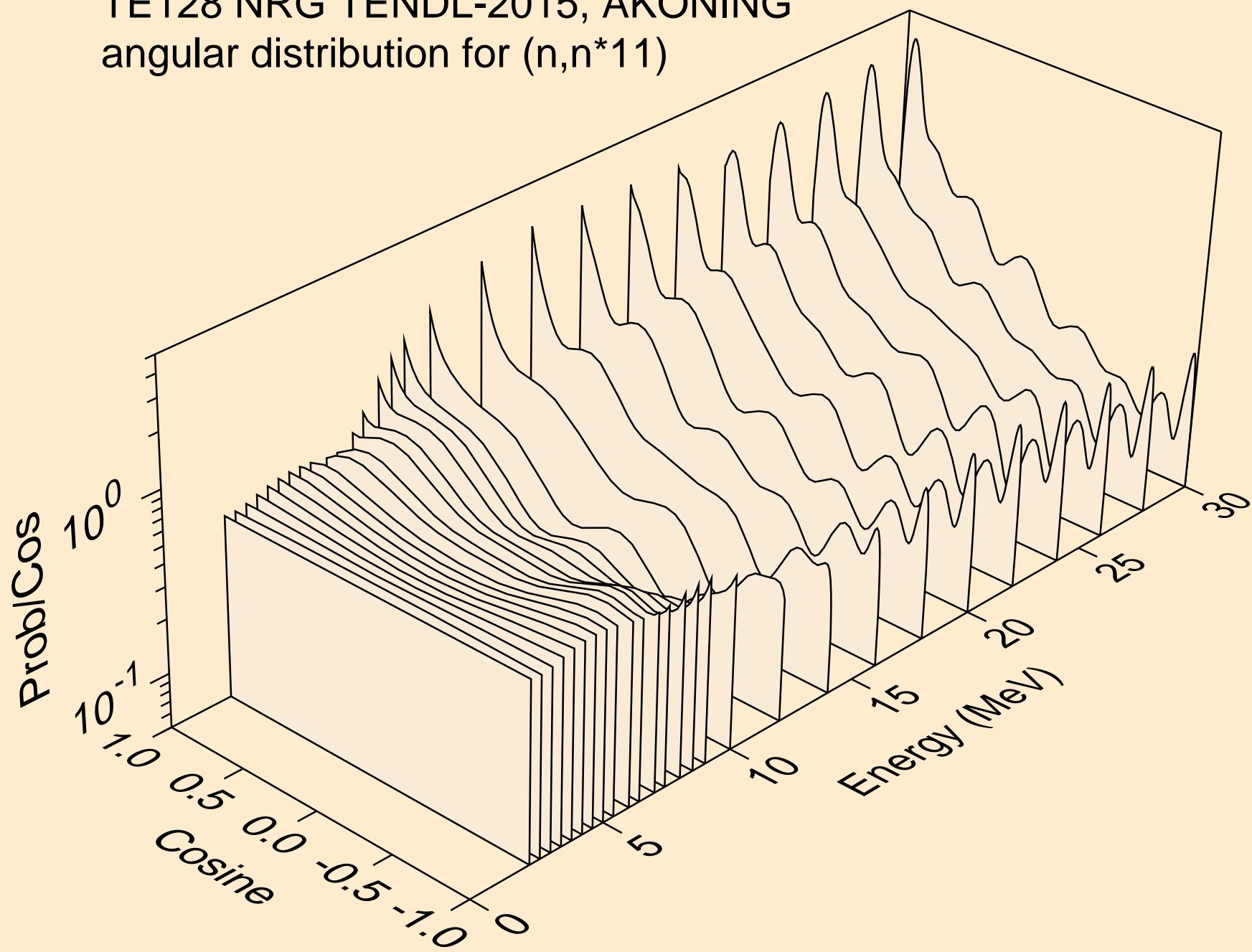
TE128 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)9$



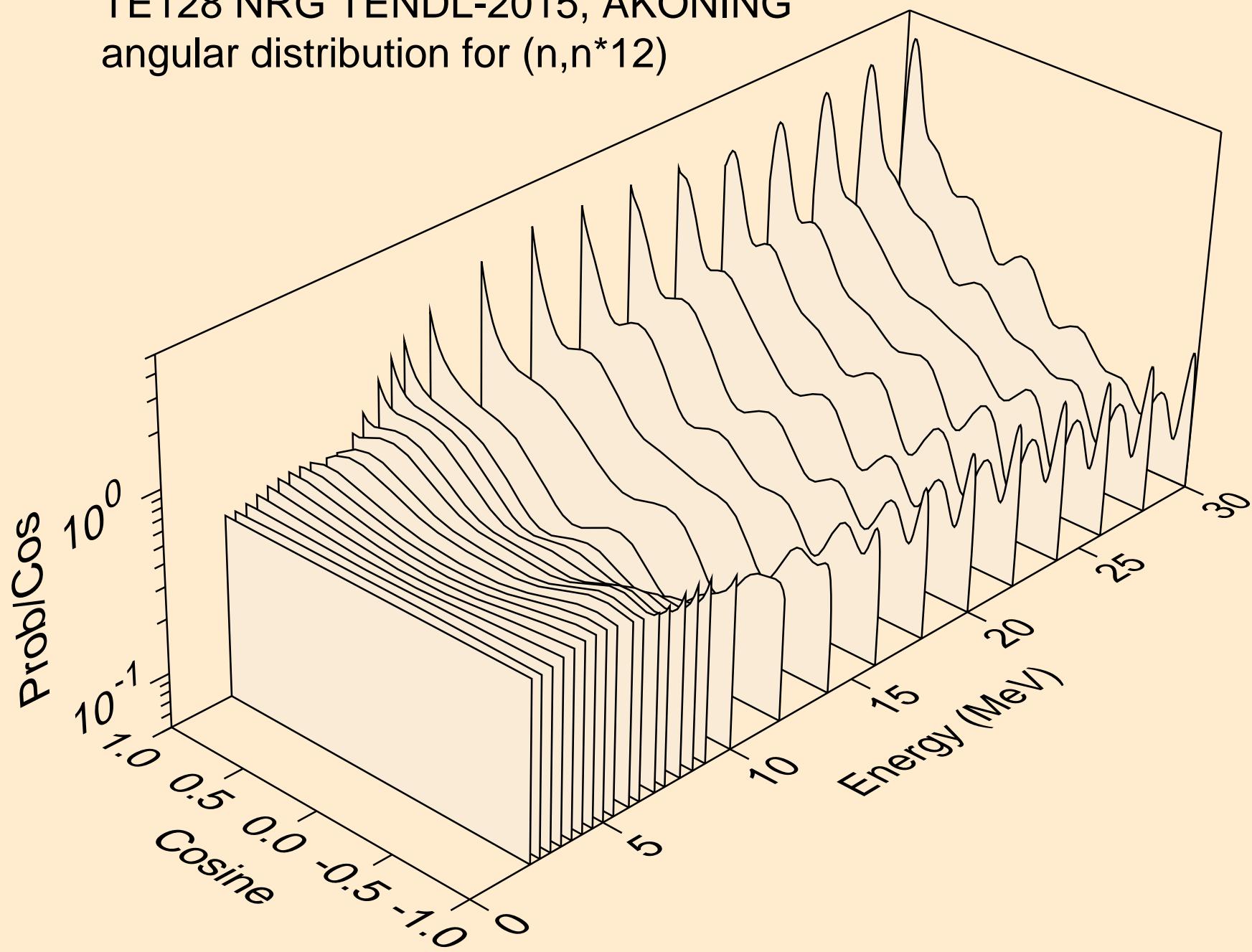
TE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



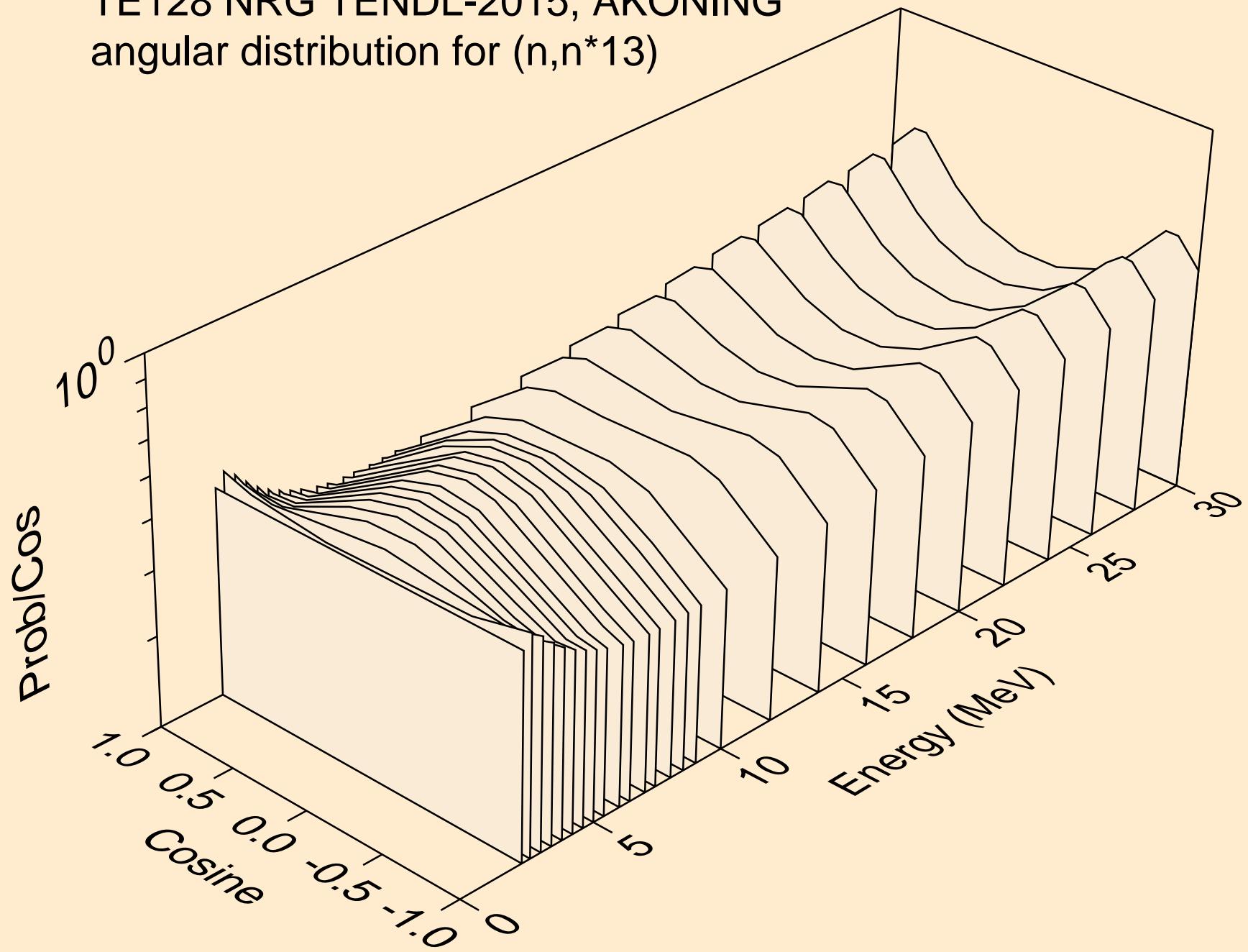
TE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



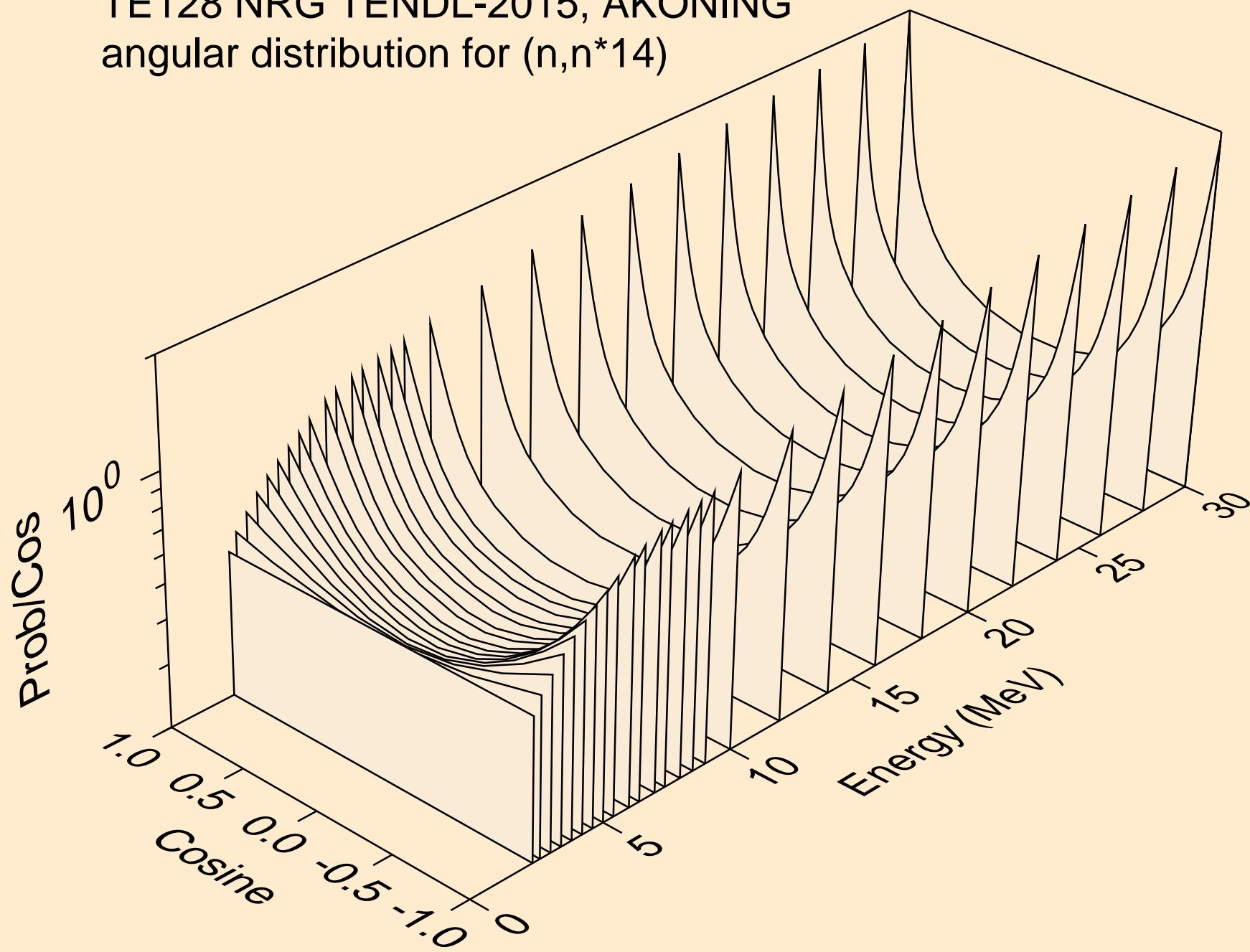
TE128 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*12)$



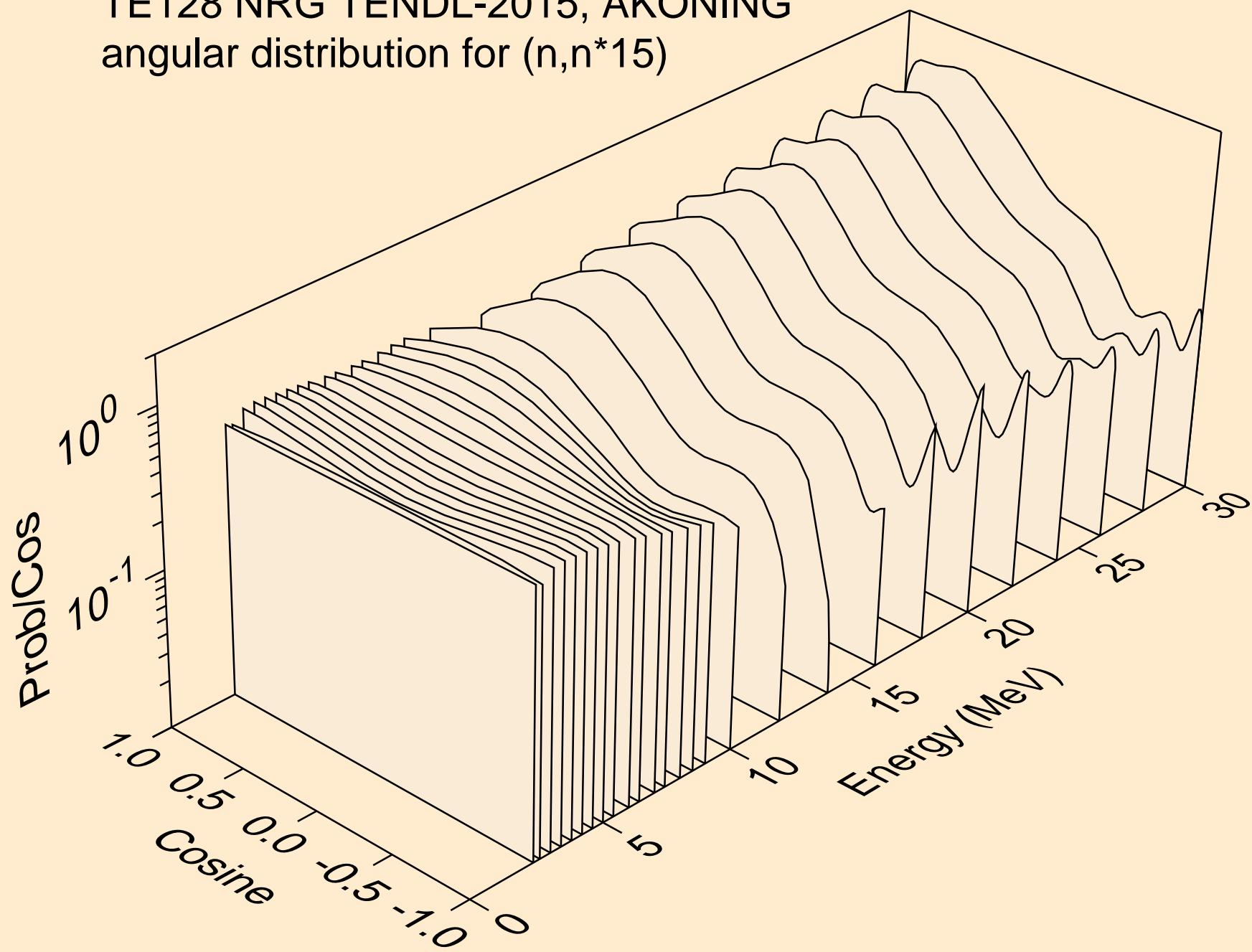
TE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



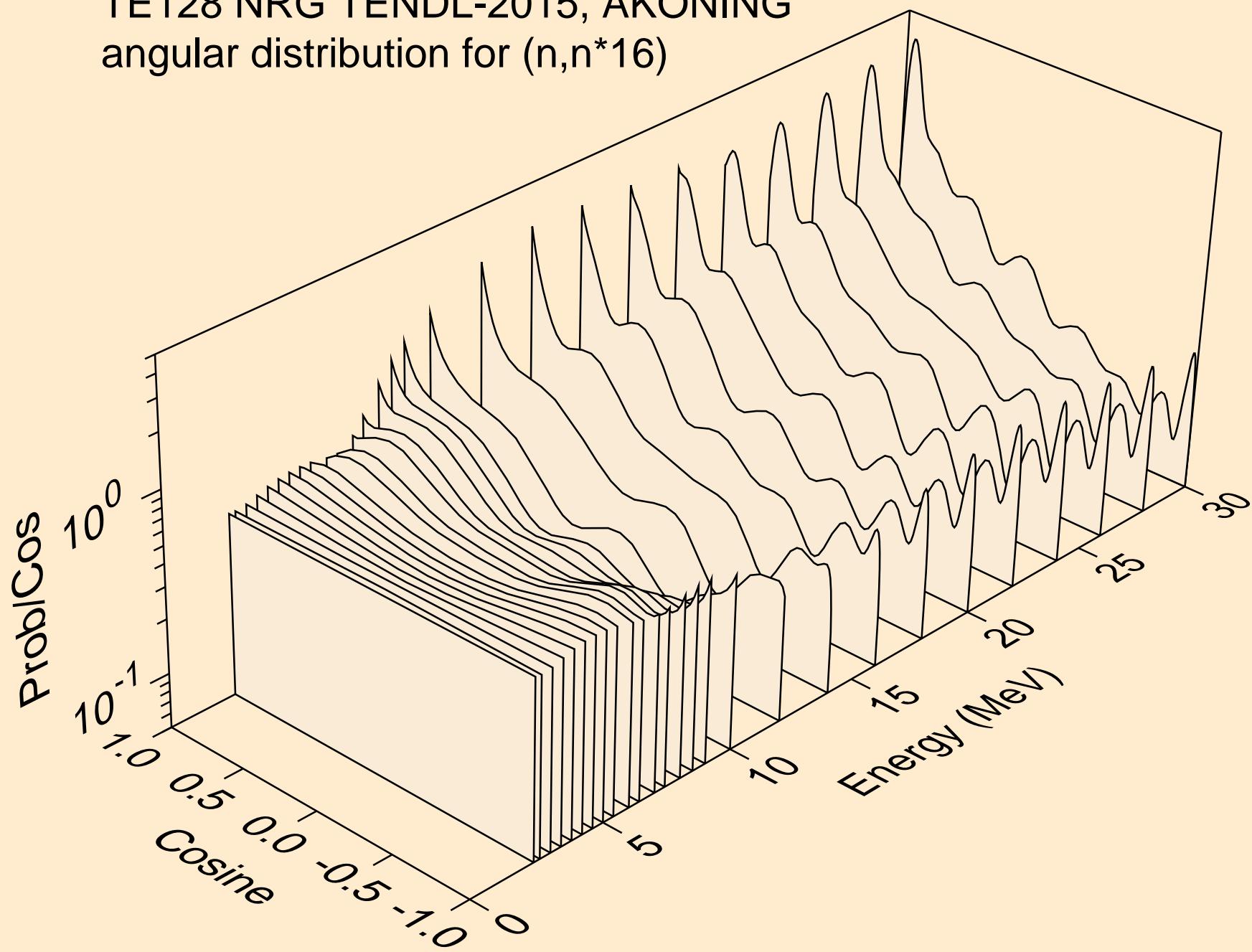
TE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



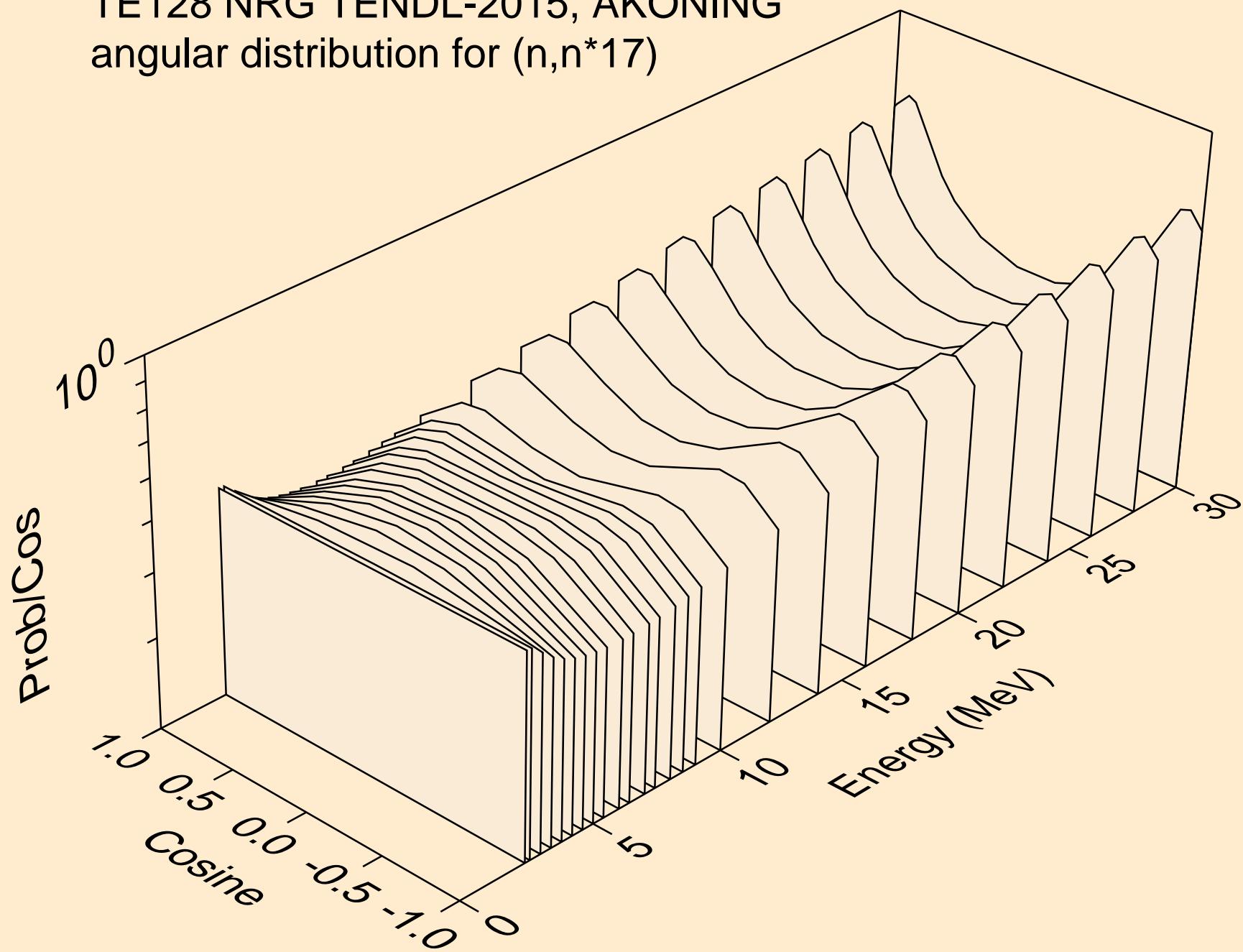
TE128 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*15)$



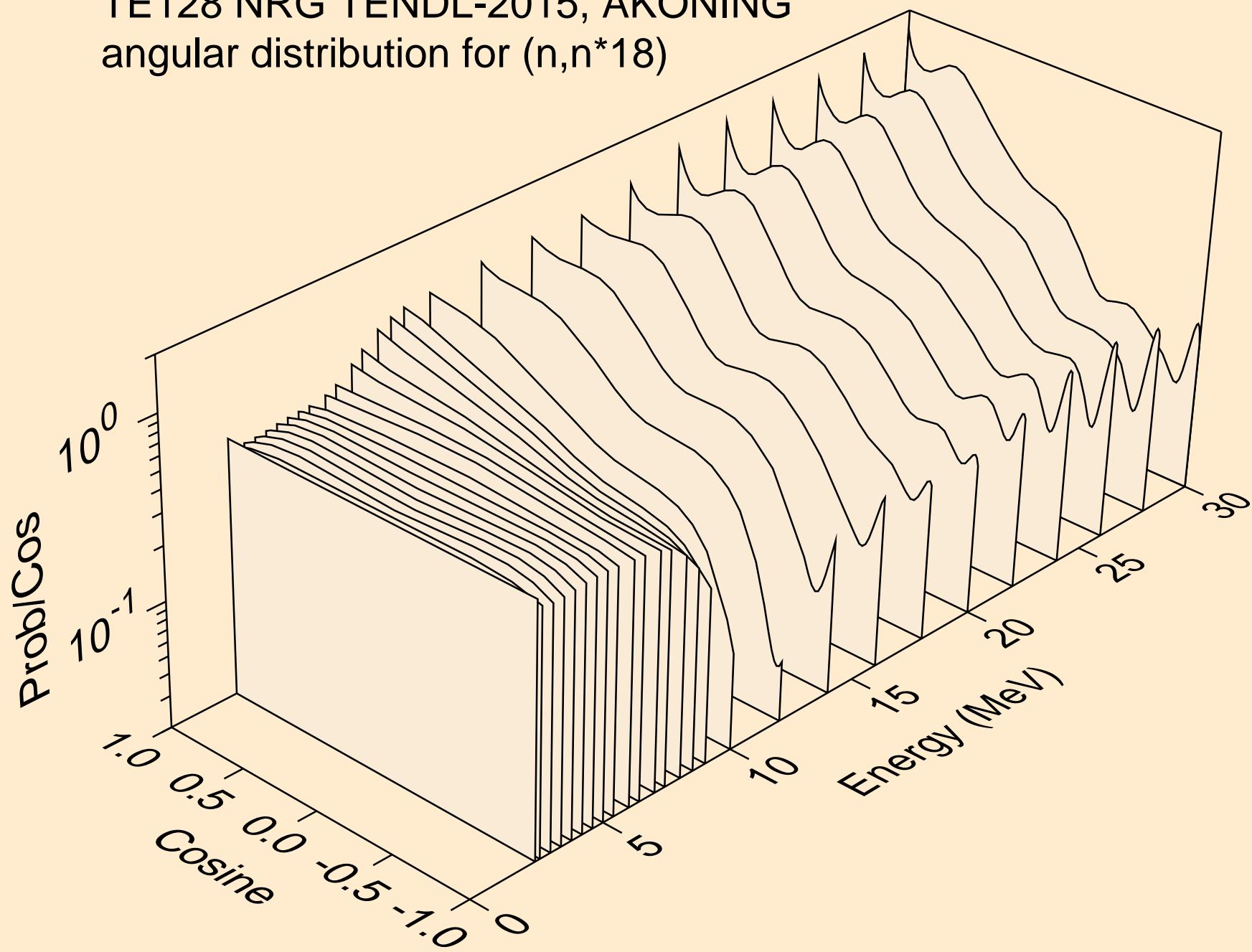
TE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



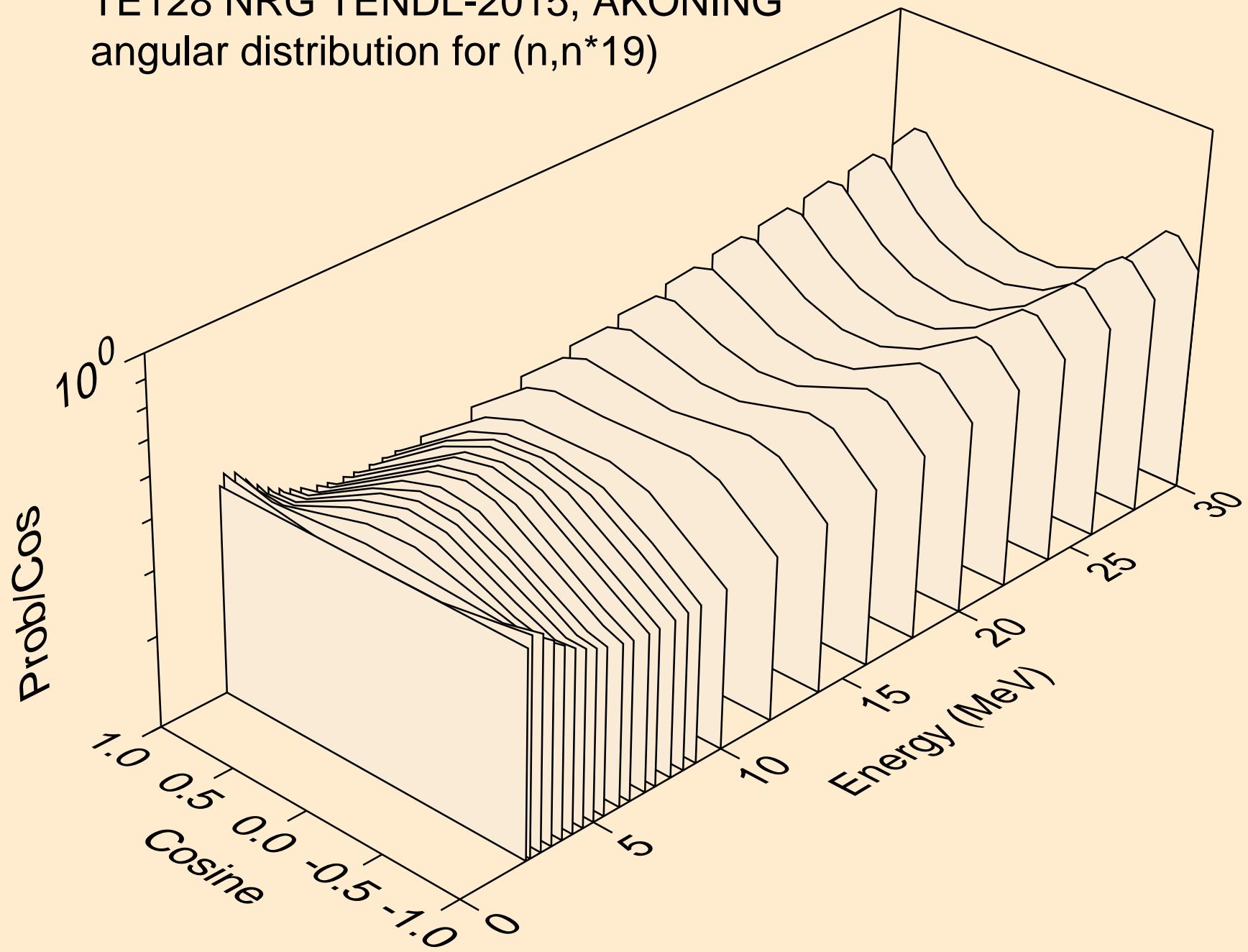
TE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



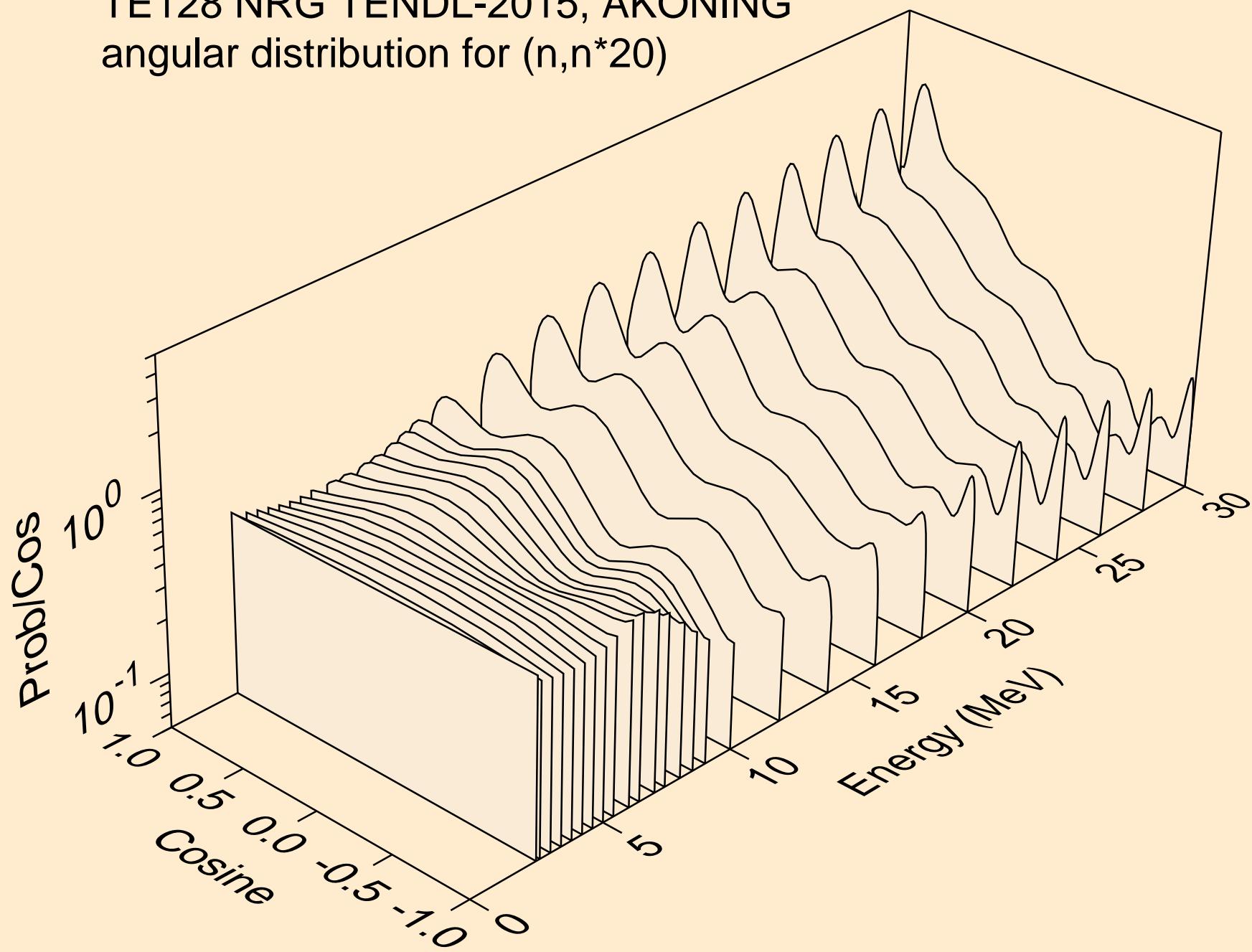
TE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



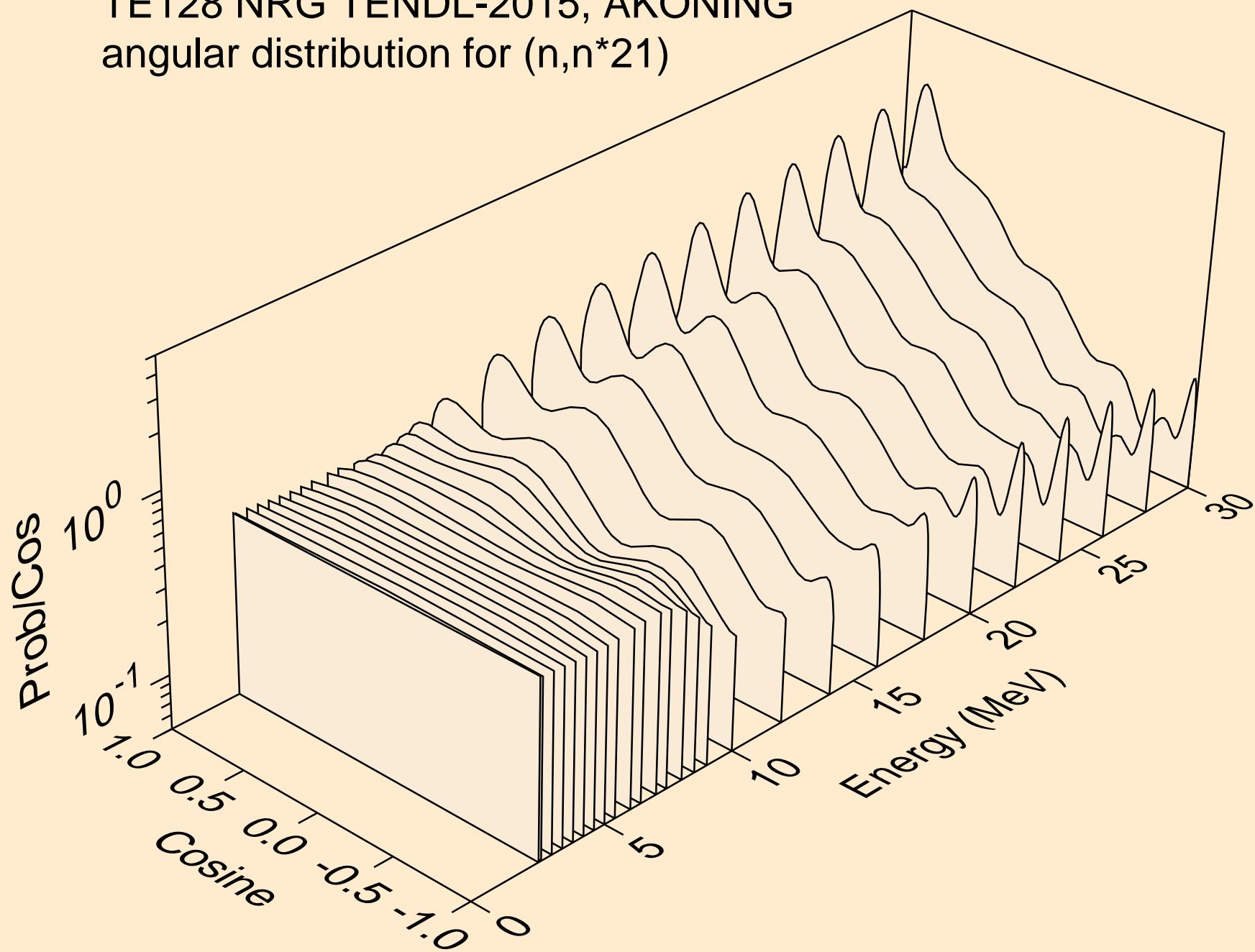
TE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



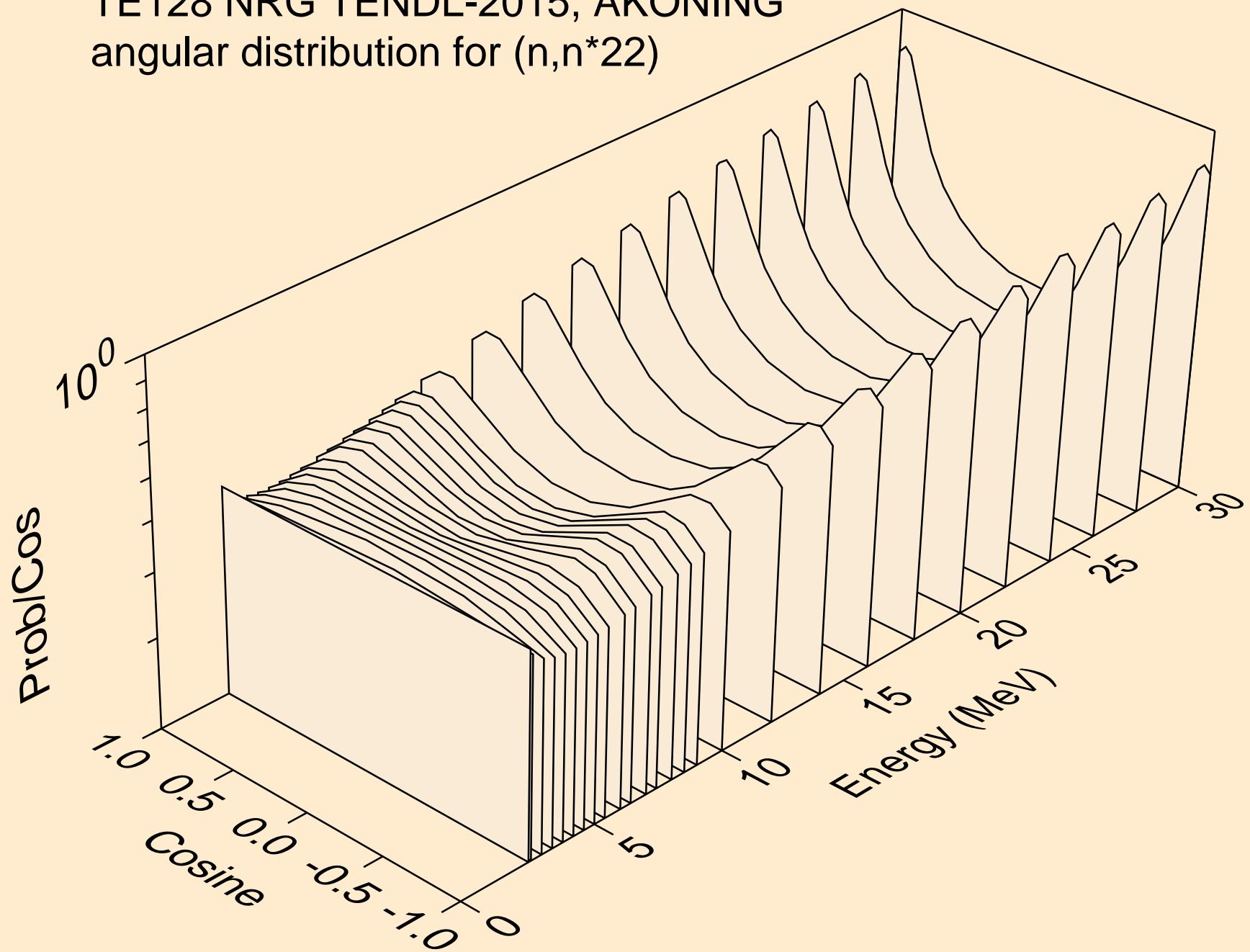
TE128 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)20$



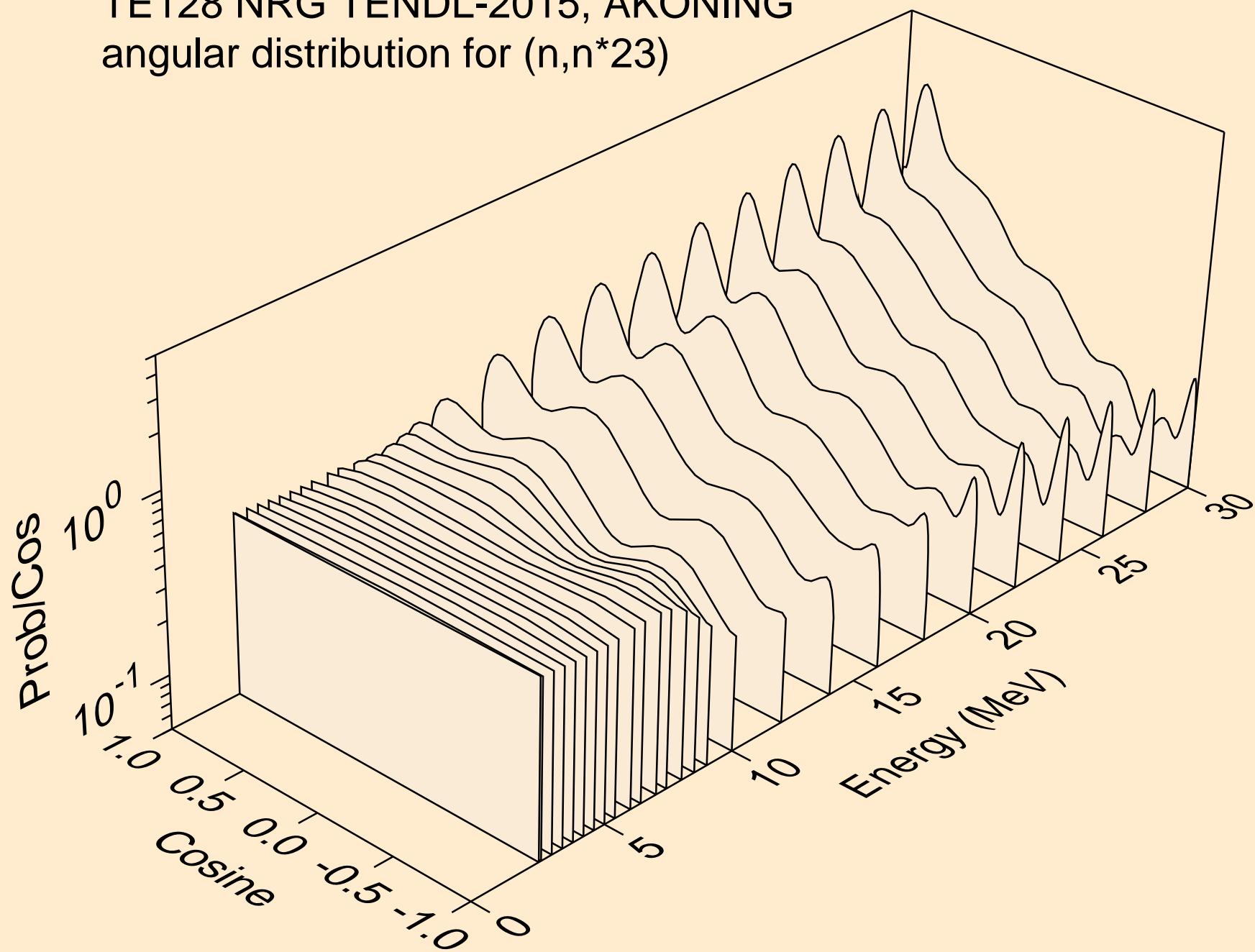
TE128 NRG TENDL-2015, AKONING  
angular distribution for ( $n,n^*21$ )



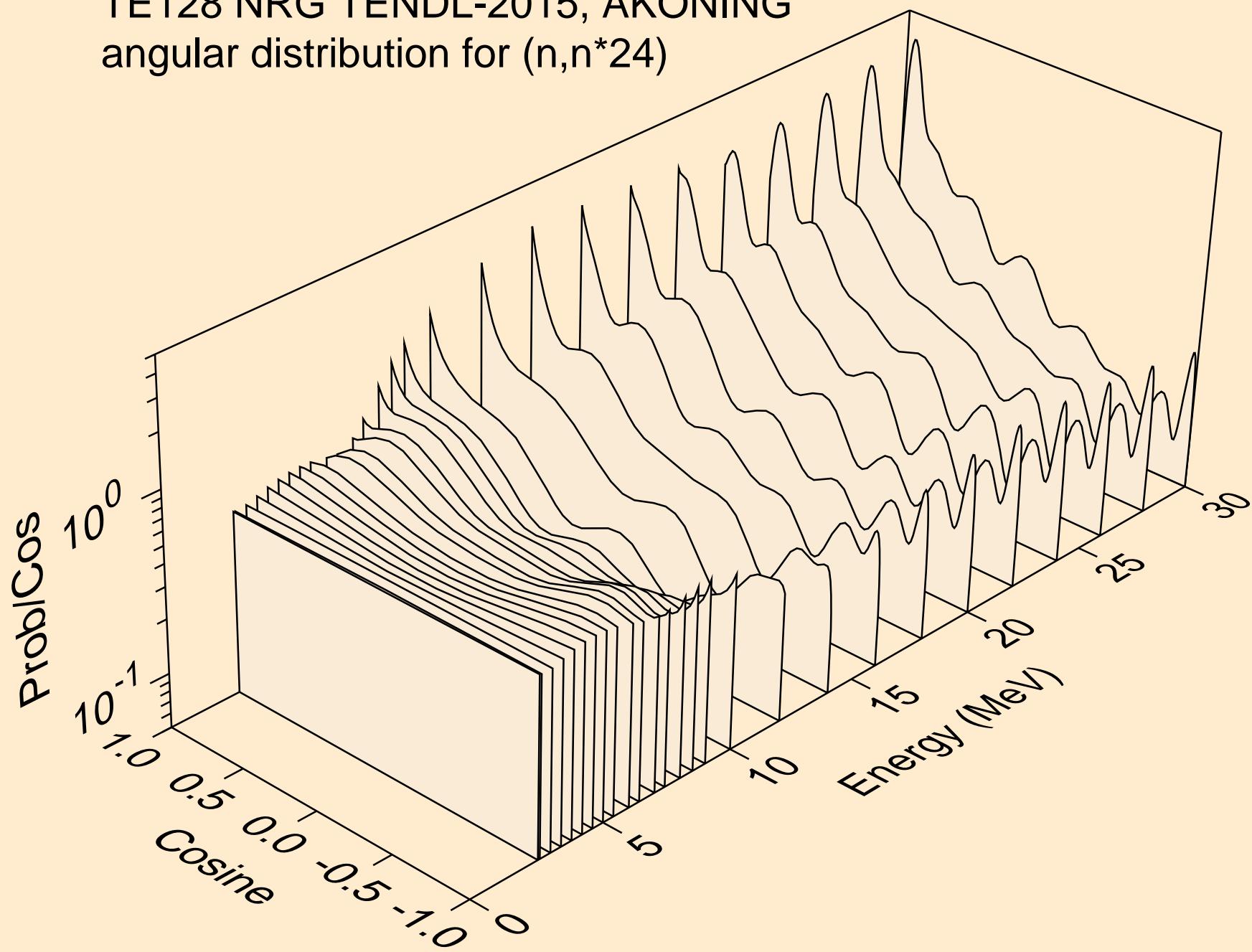
TE128 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^{22}$



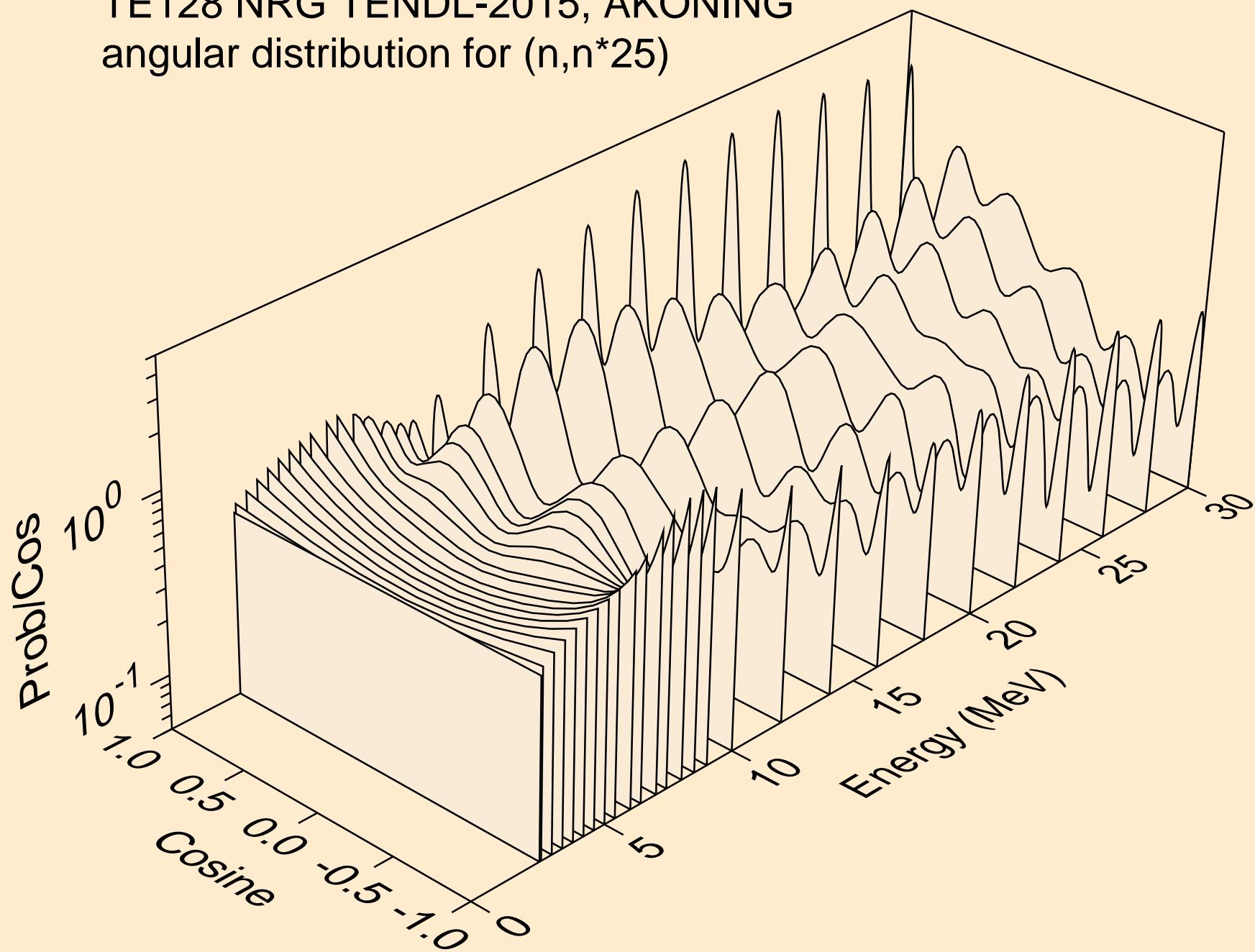
TE128 NRG TENDL-2015, AKONING  
angular distribution for ( $n,n^*23$ )



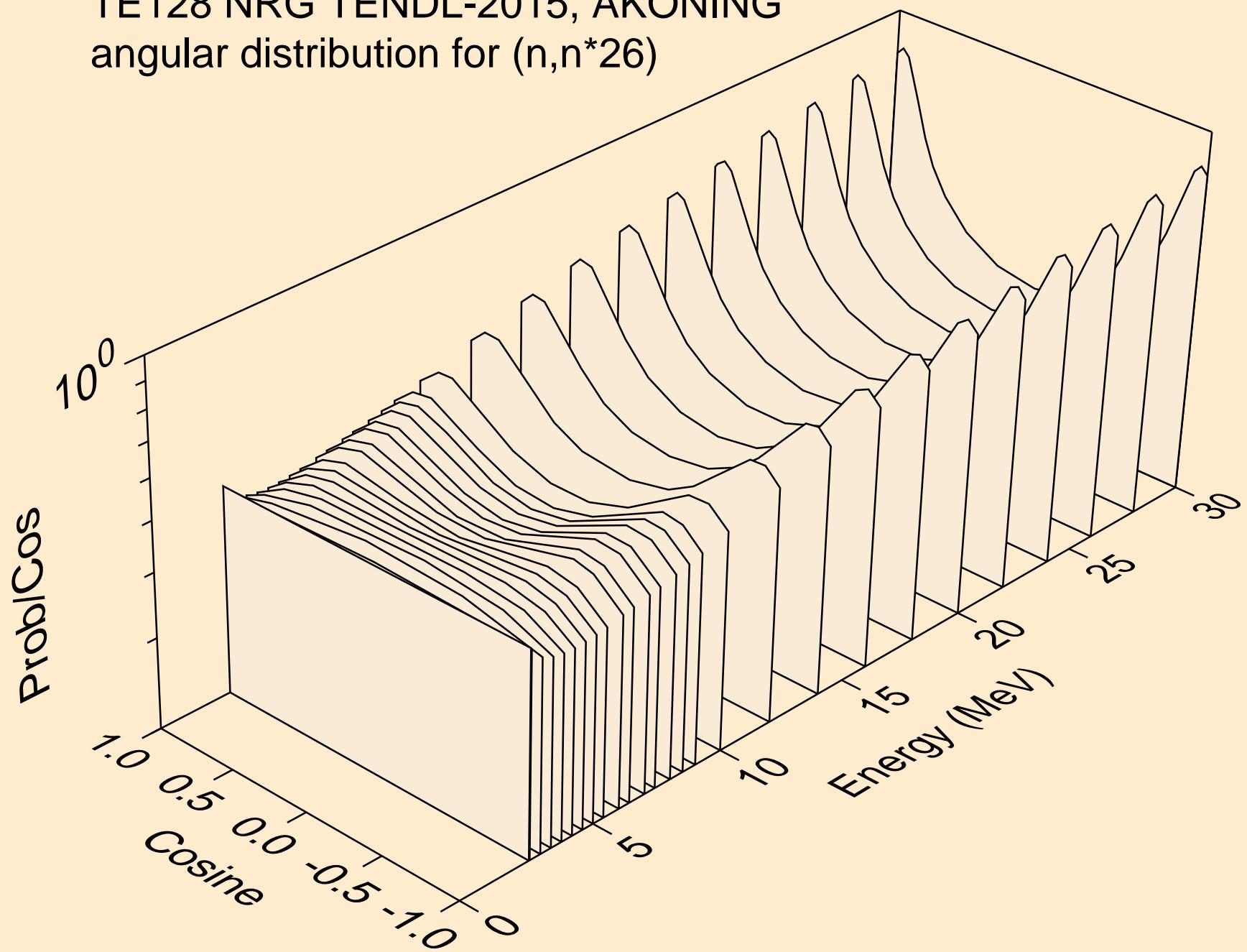
TE128 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^{24}$



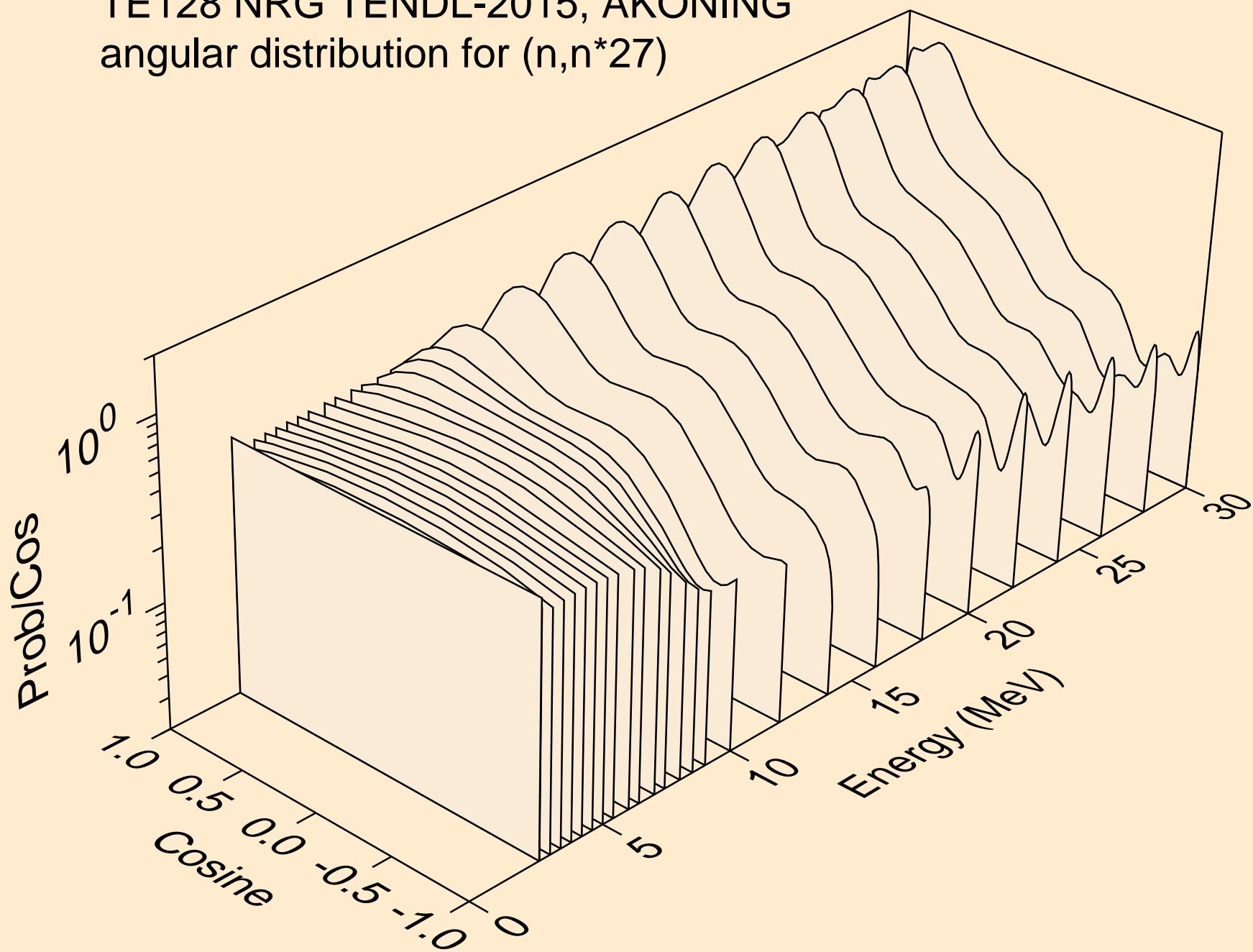
TE128 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)_{25}$



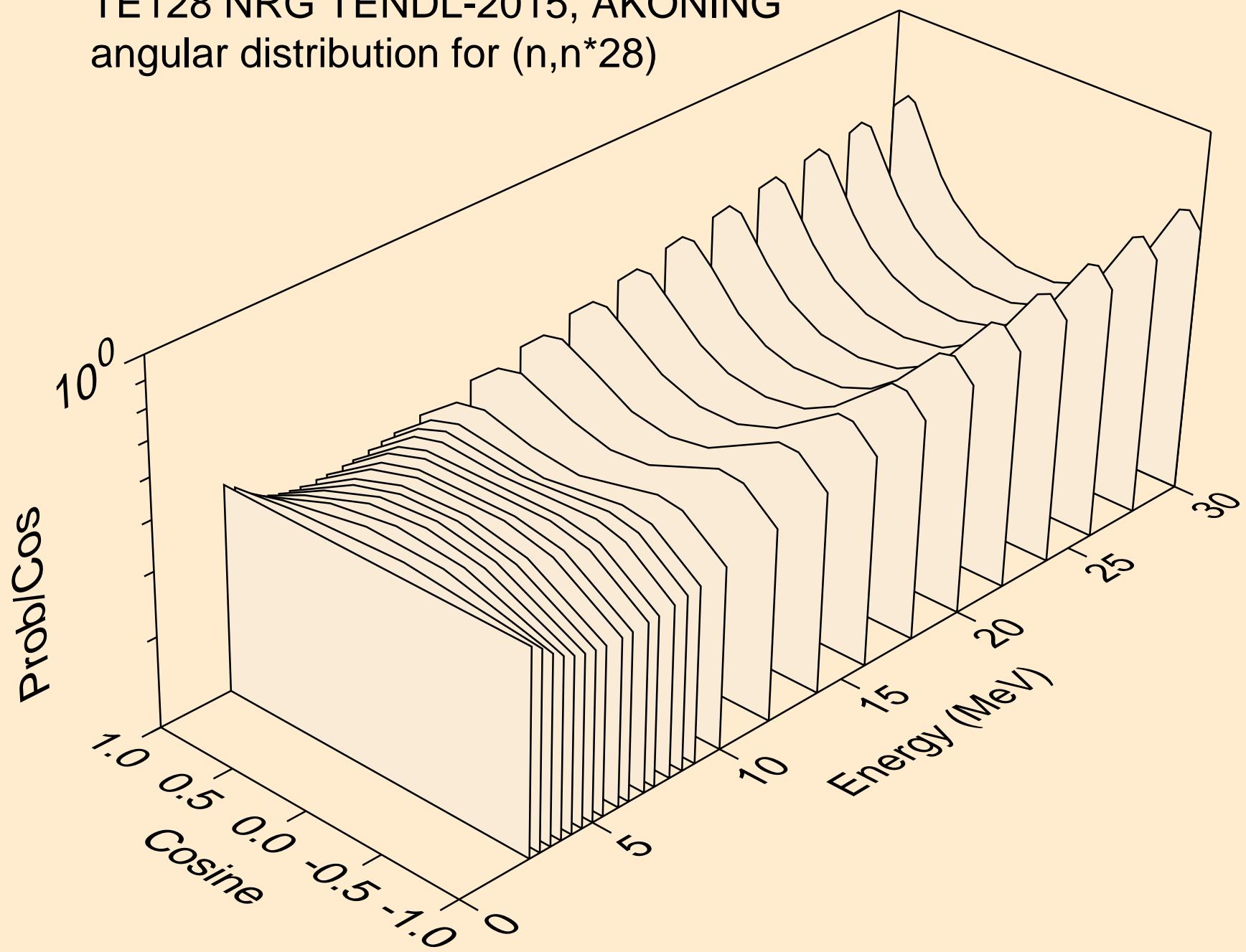
TE128 NRG TENDL-2015, AKONING  
angular distribution for ( $n,n^*$ )26



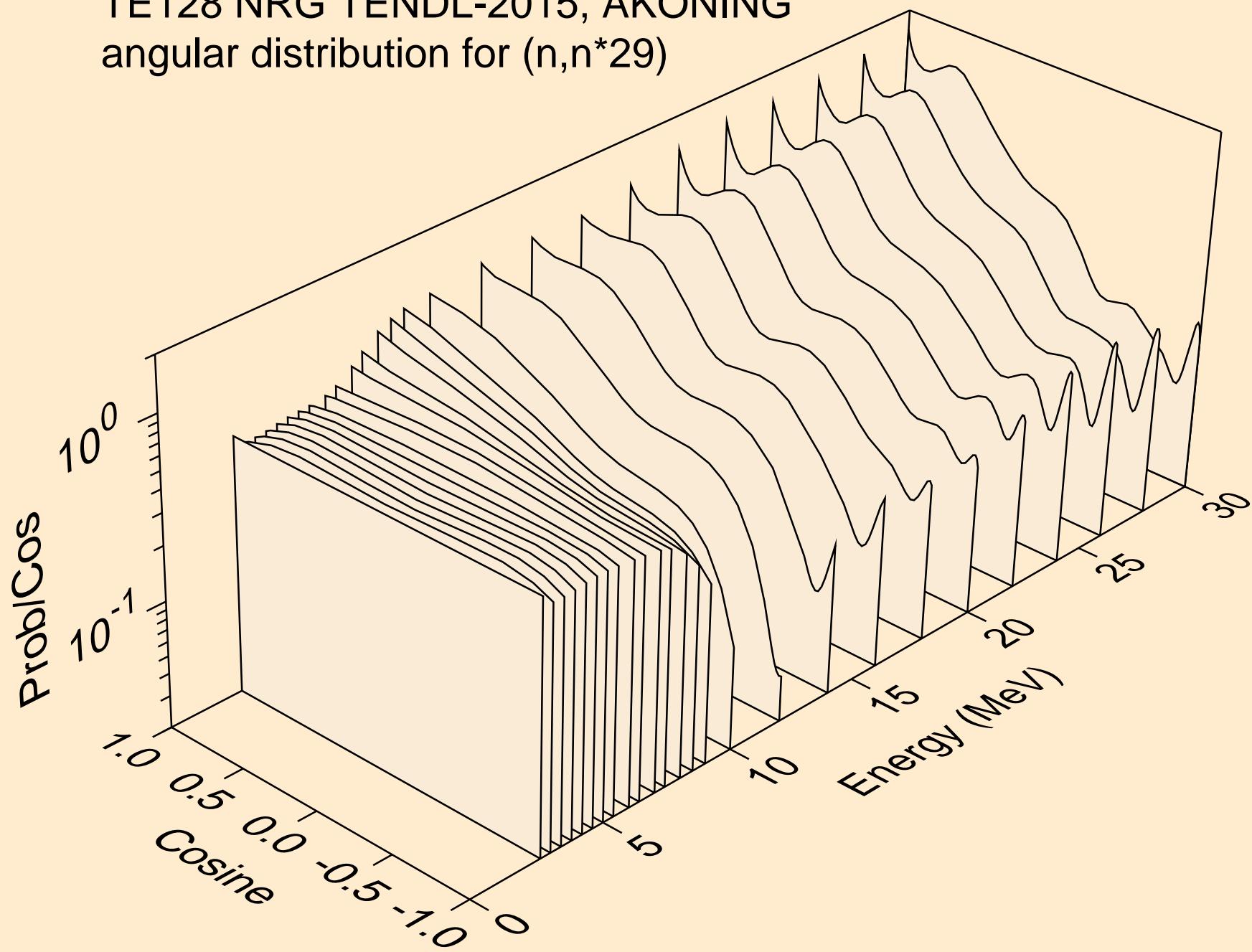
TE128 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*27)$



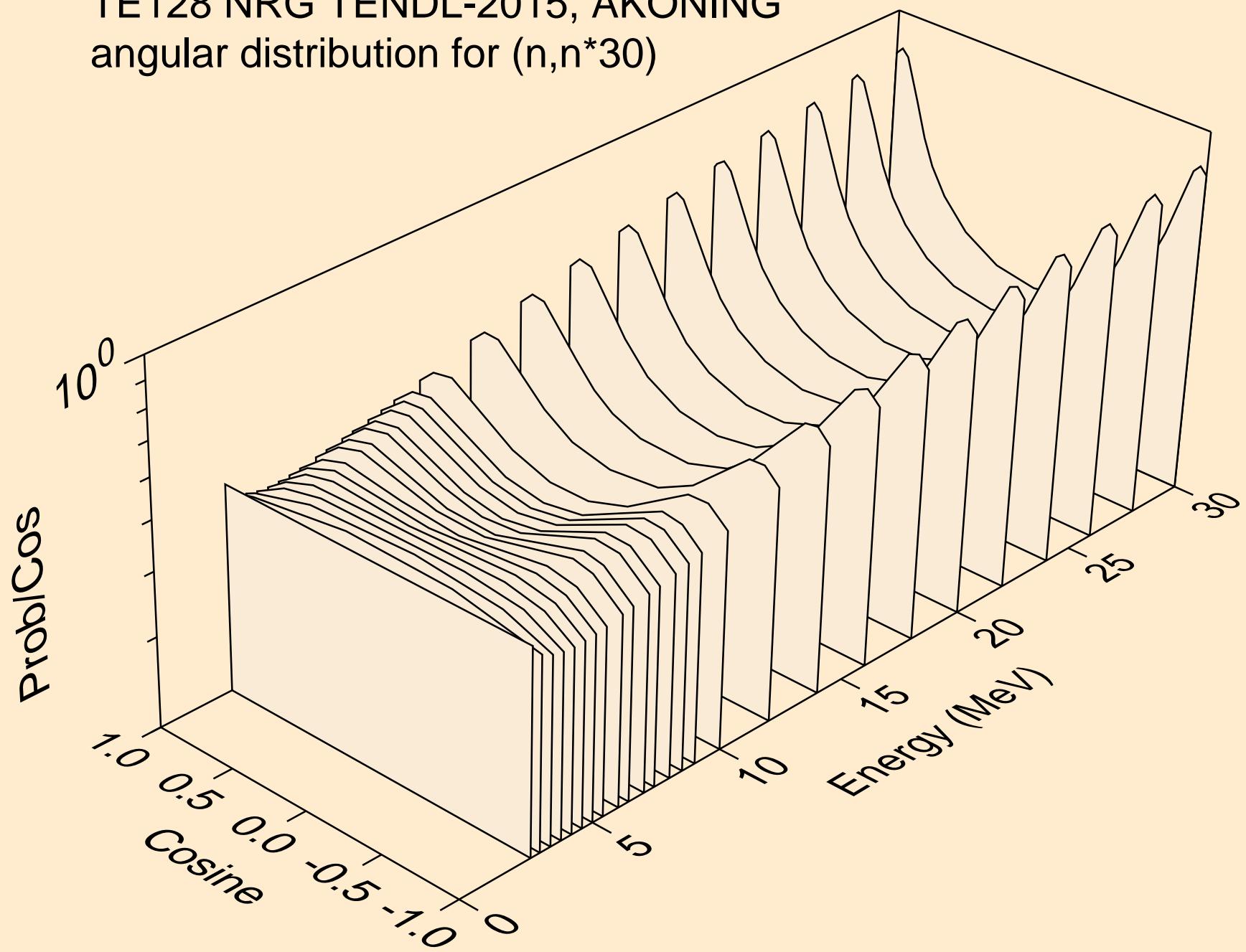
TE128 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^{28}$



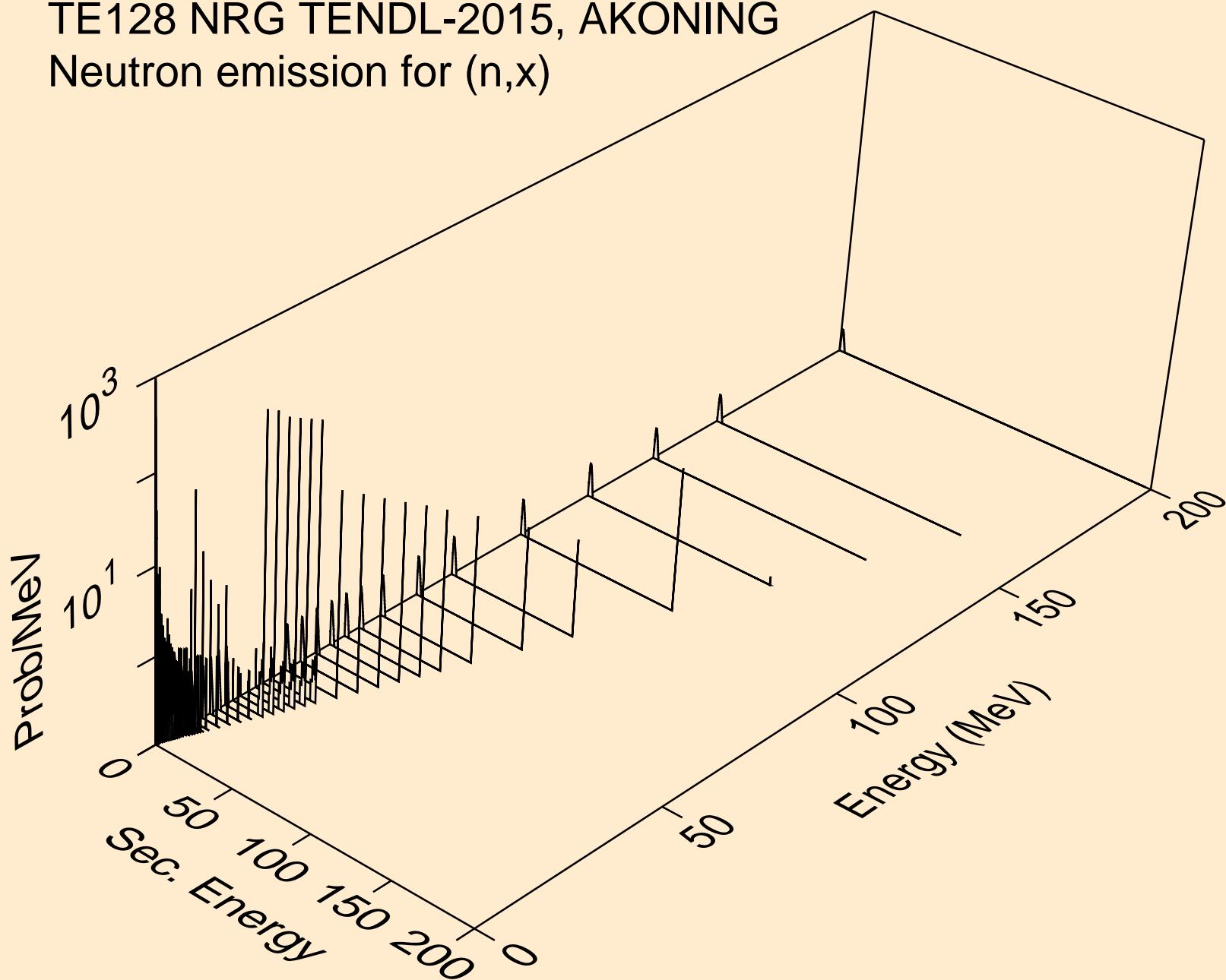
TE128 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*29)$



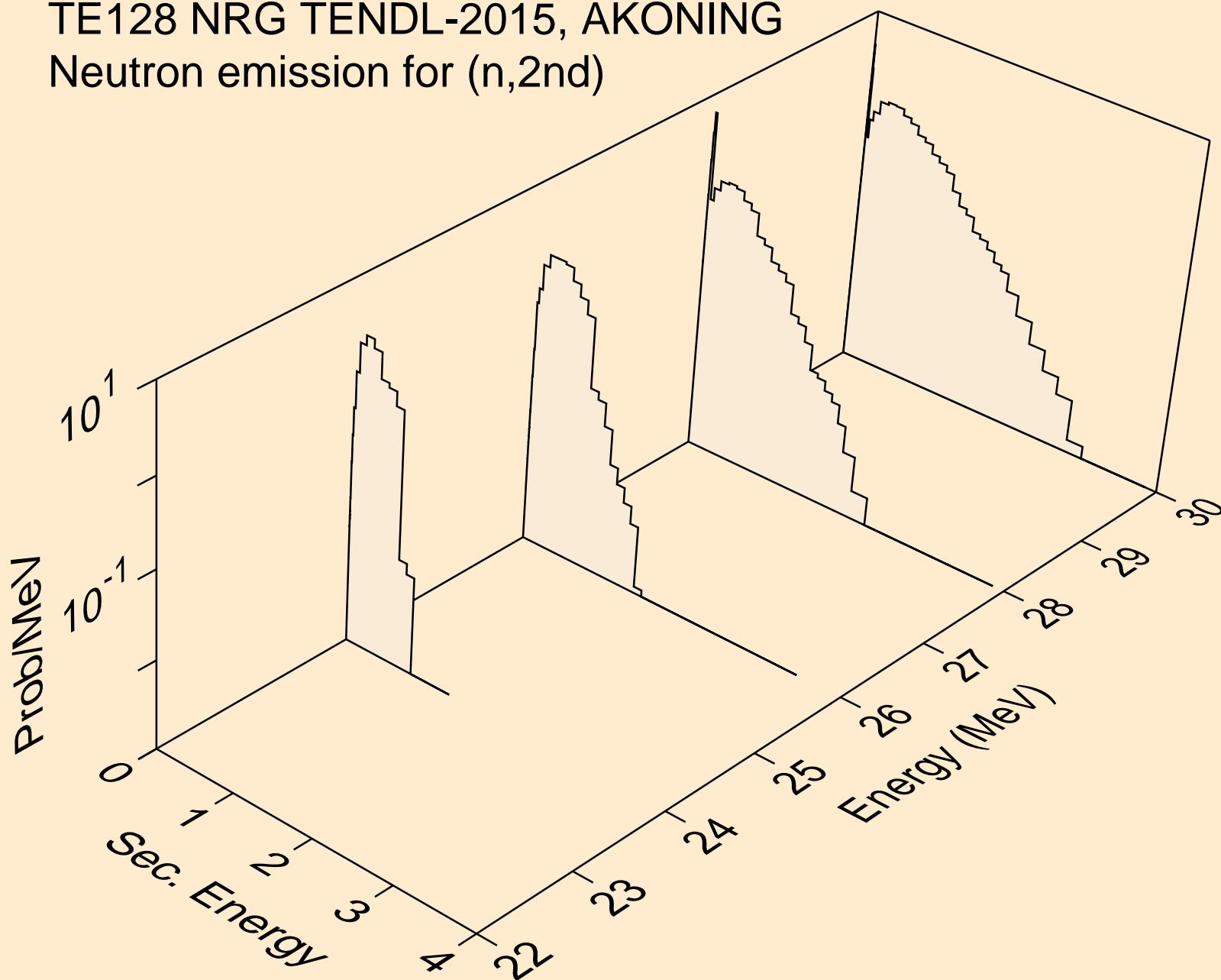
TE128 NRG TENDL-2015, AKONING  
angular distribution for ( $n,n^*$ )30



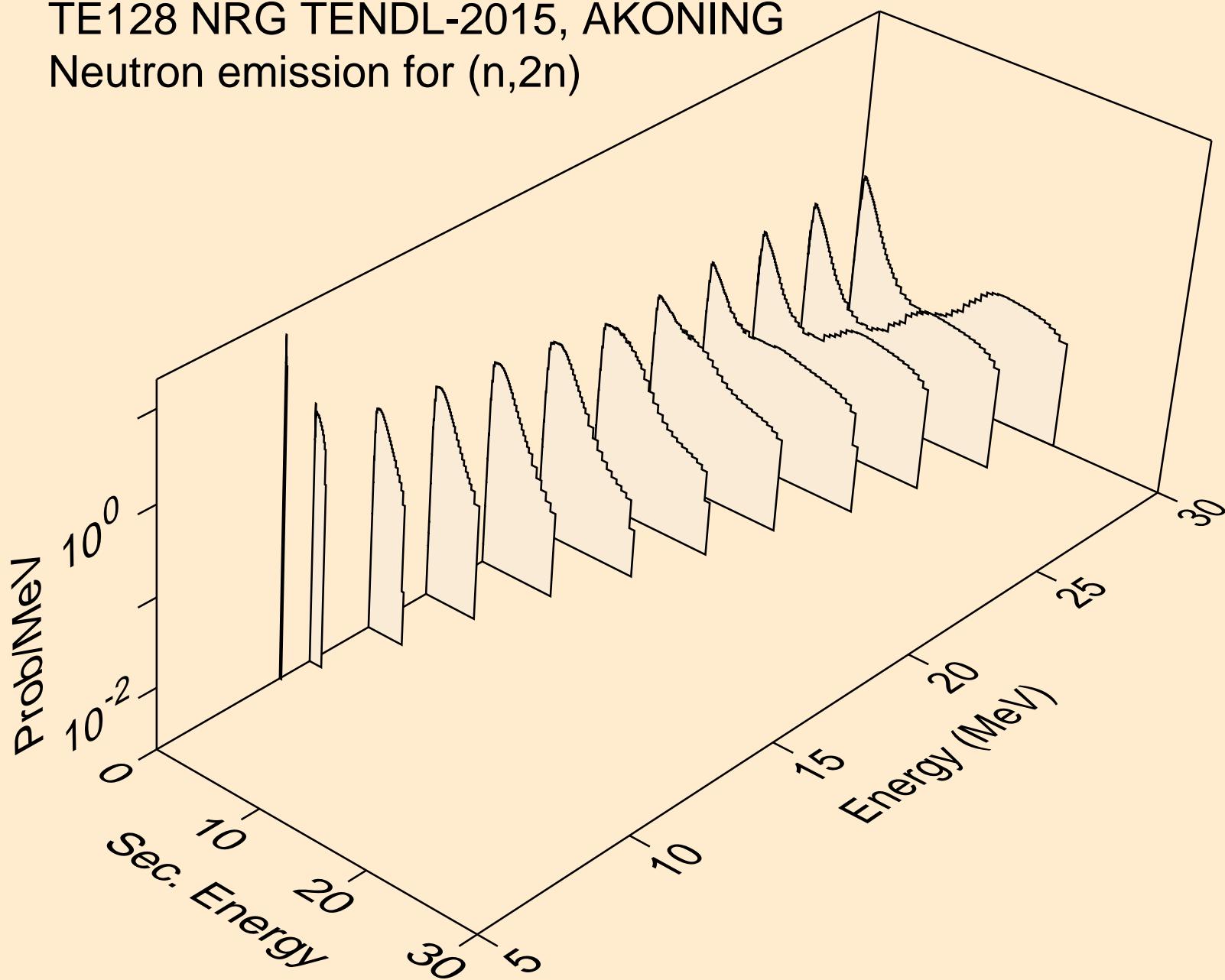
TE128 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



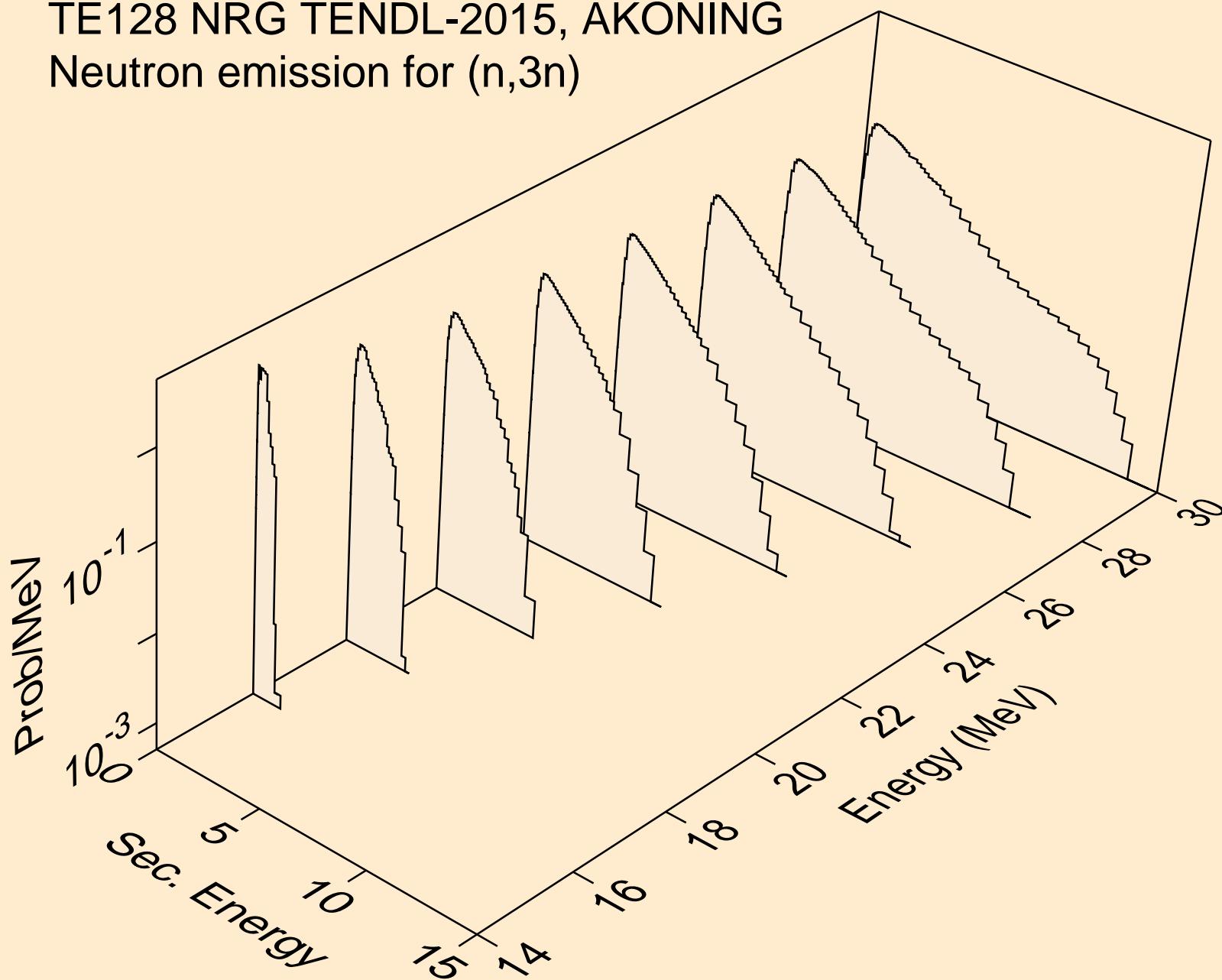
TE128 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



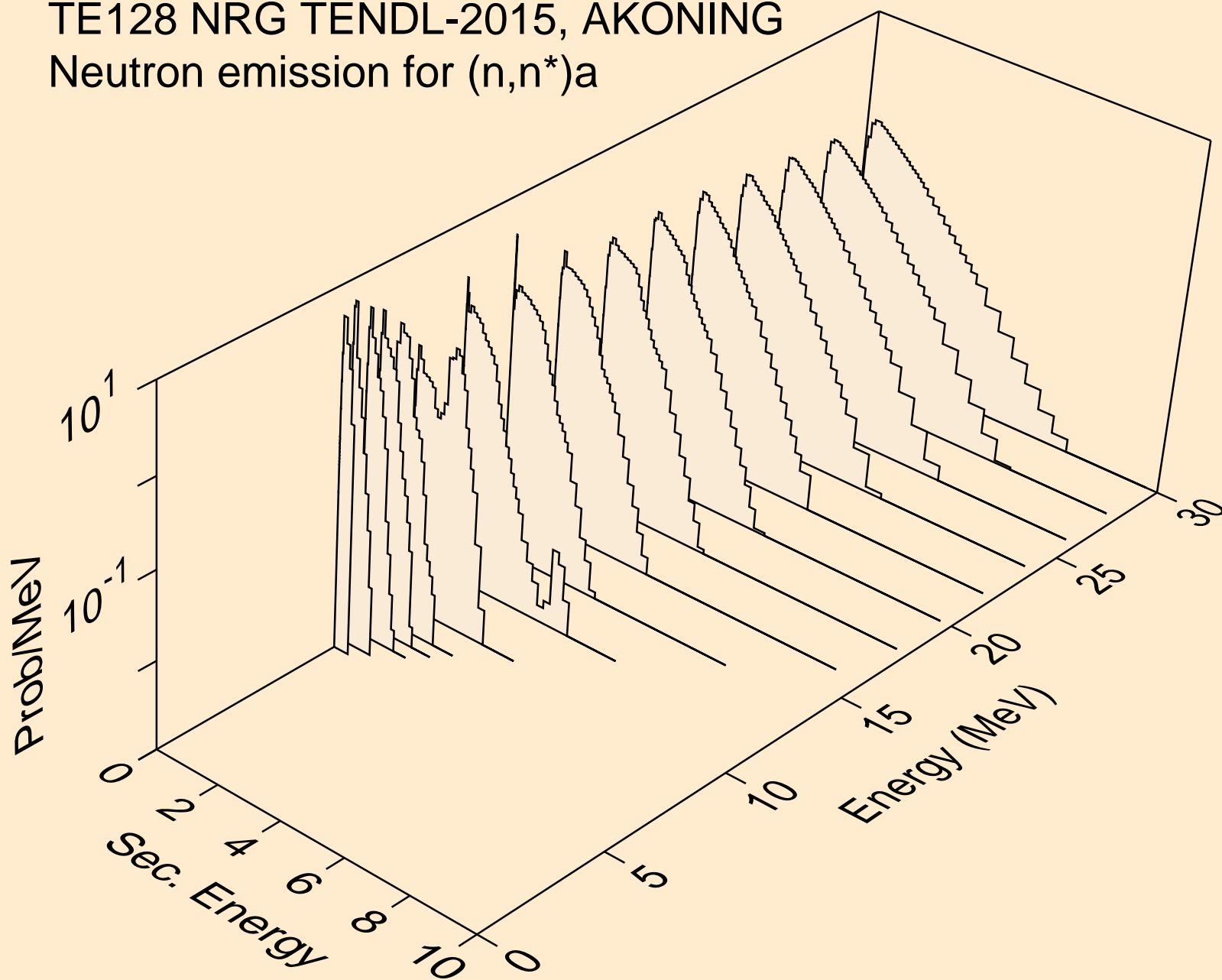
TE128 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



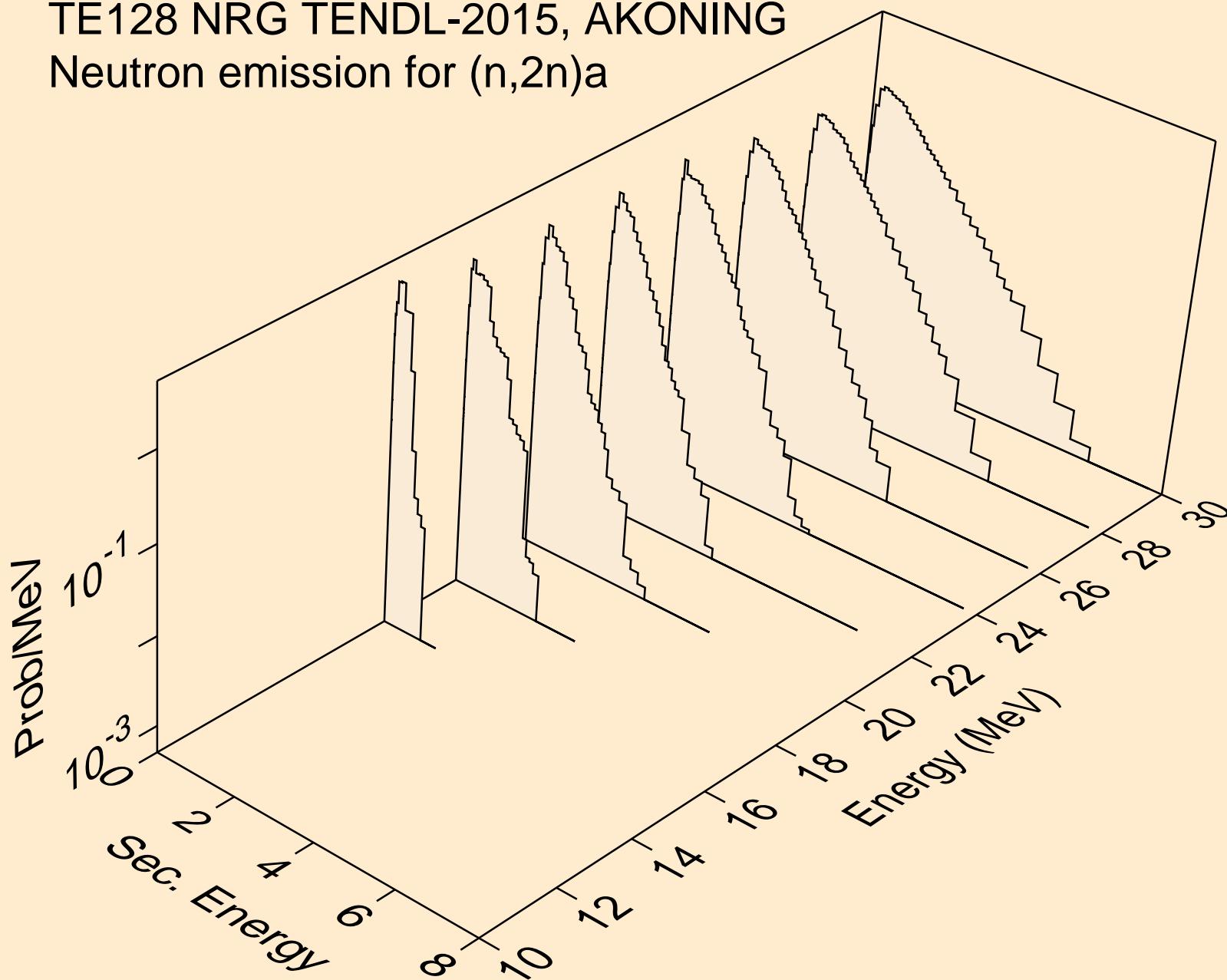
TE128 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



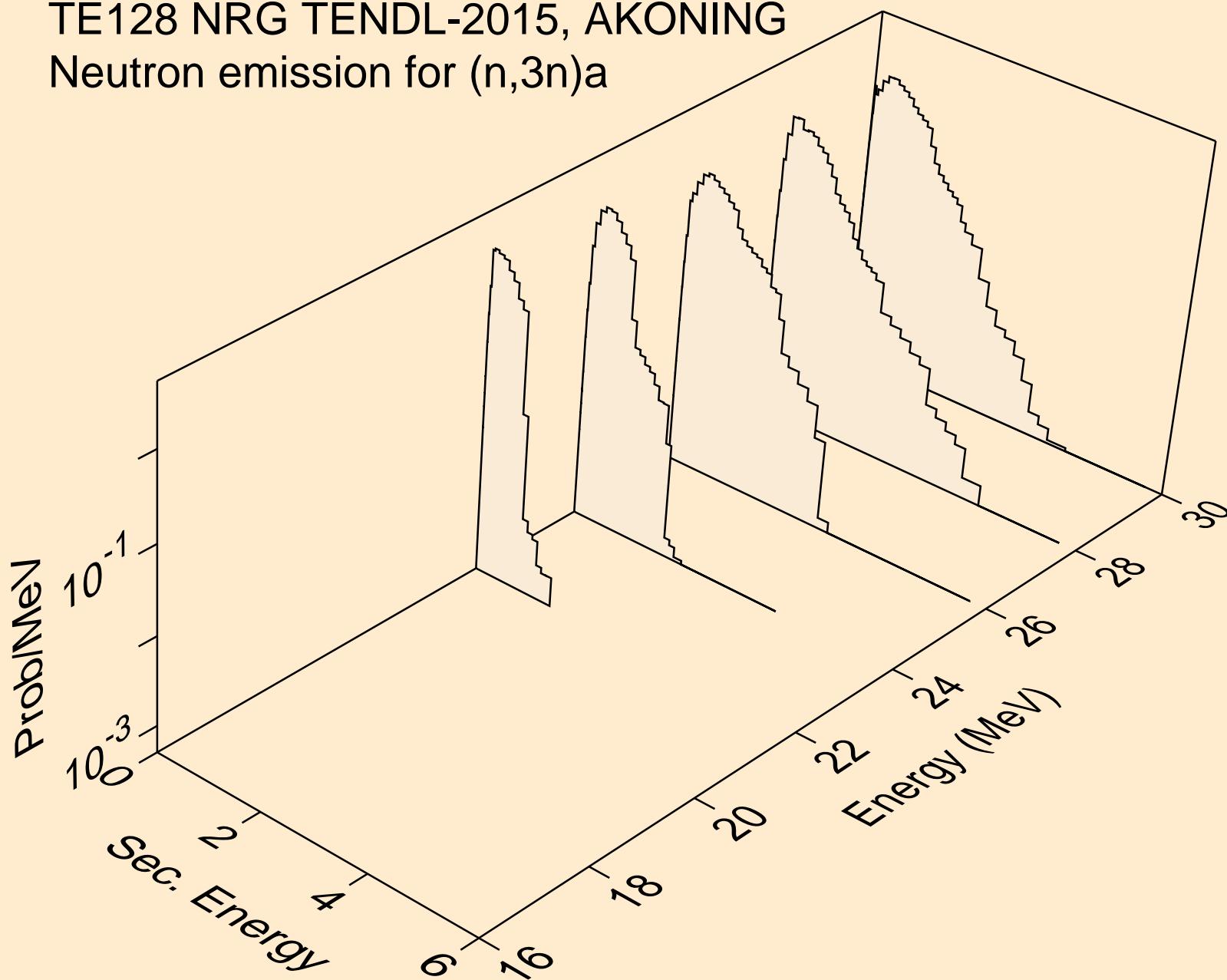
TE128 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)a$



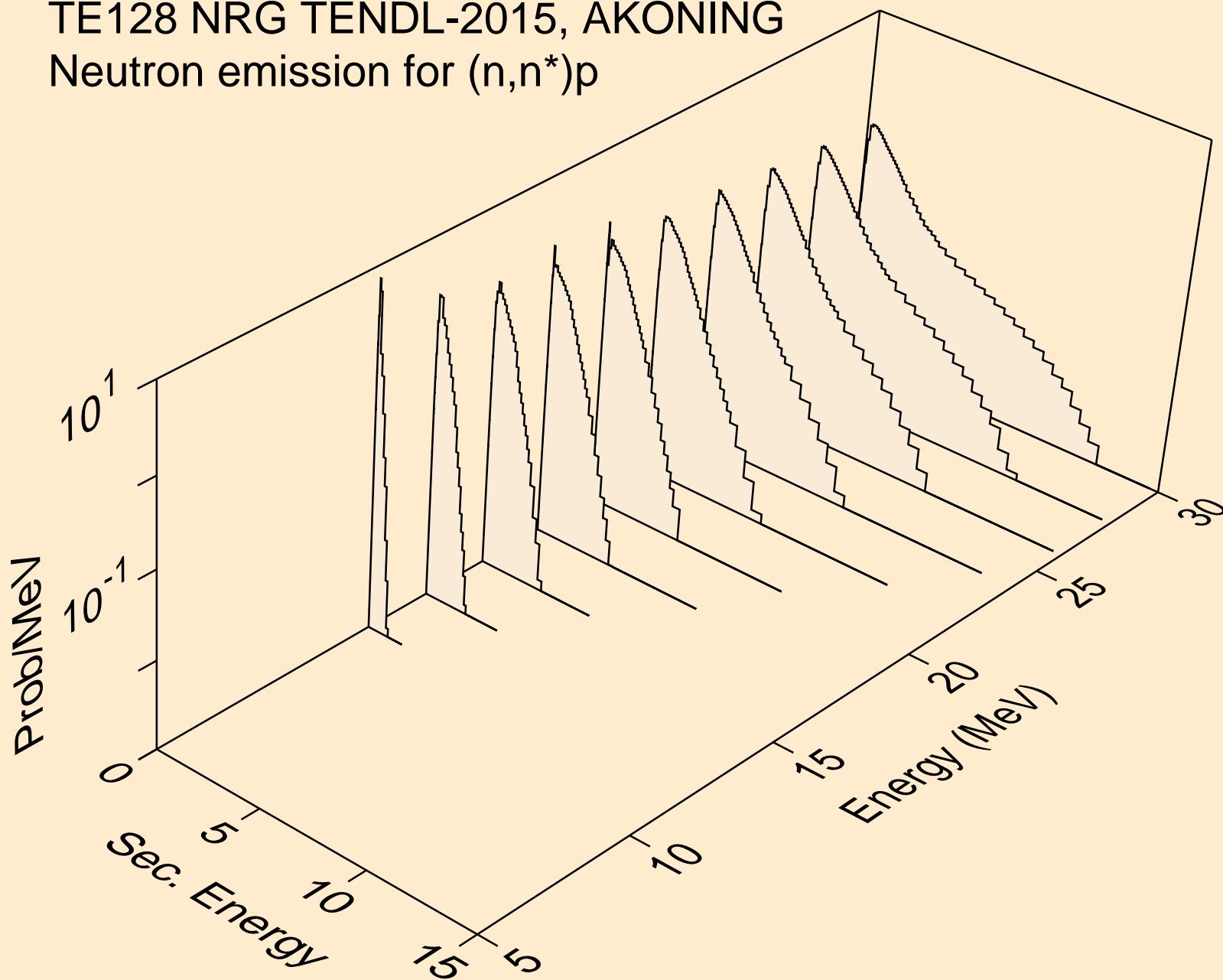
TE128 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,2n)a$



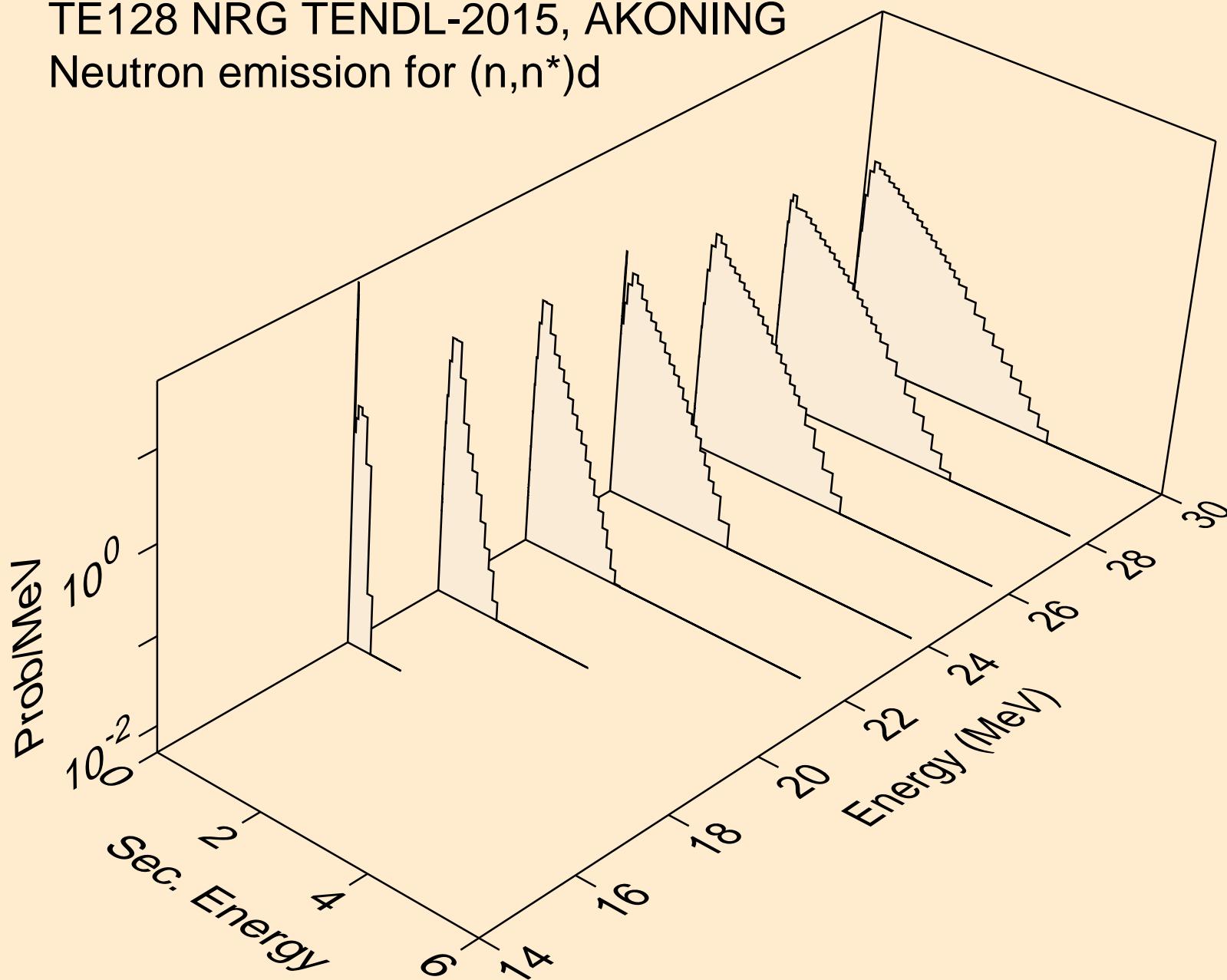
TE128 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



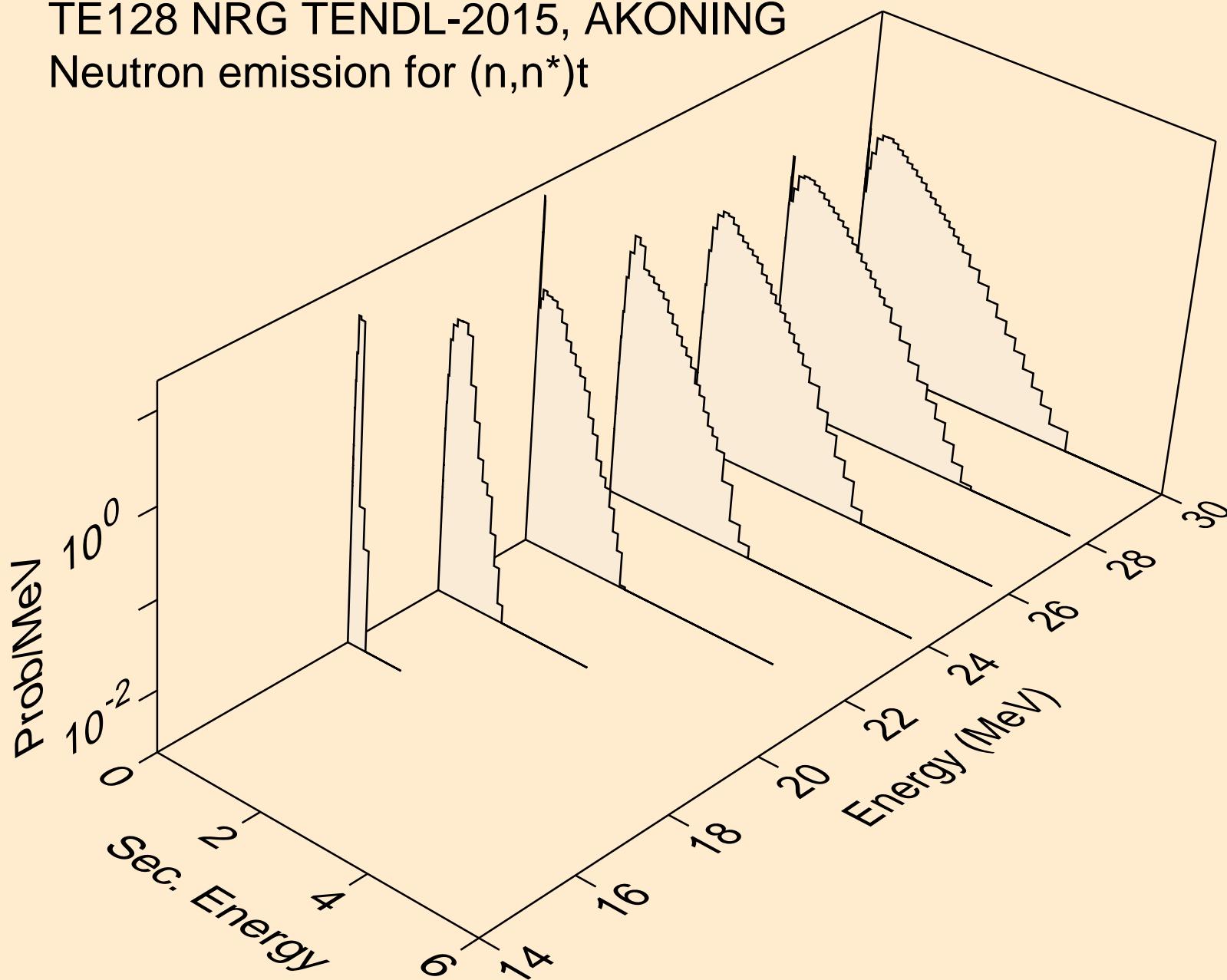
TE128 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)p$



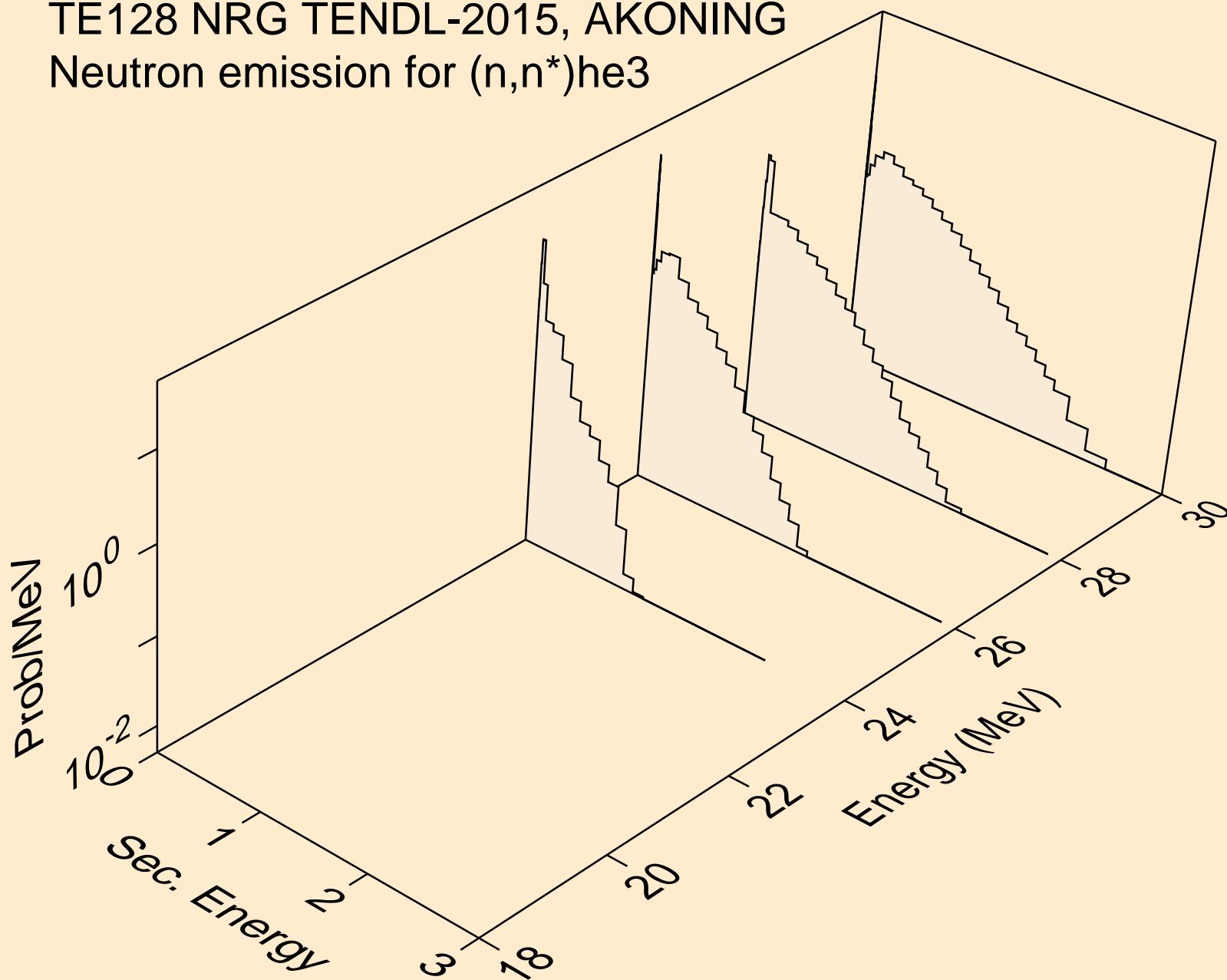
TE128 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)d$



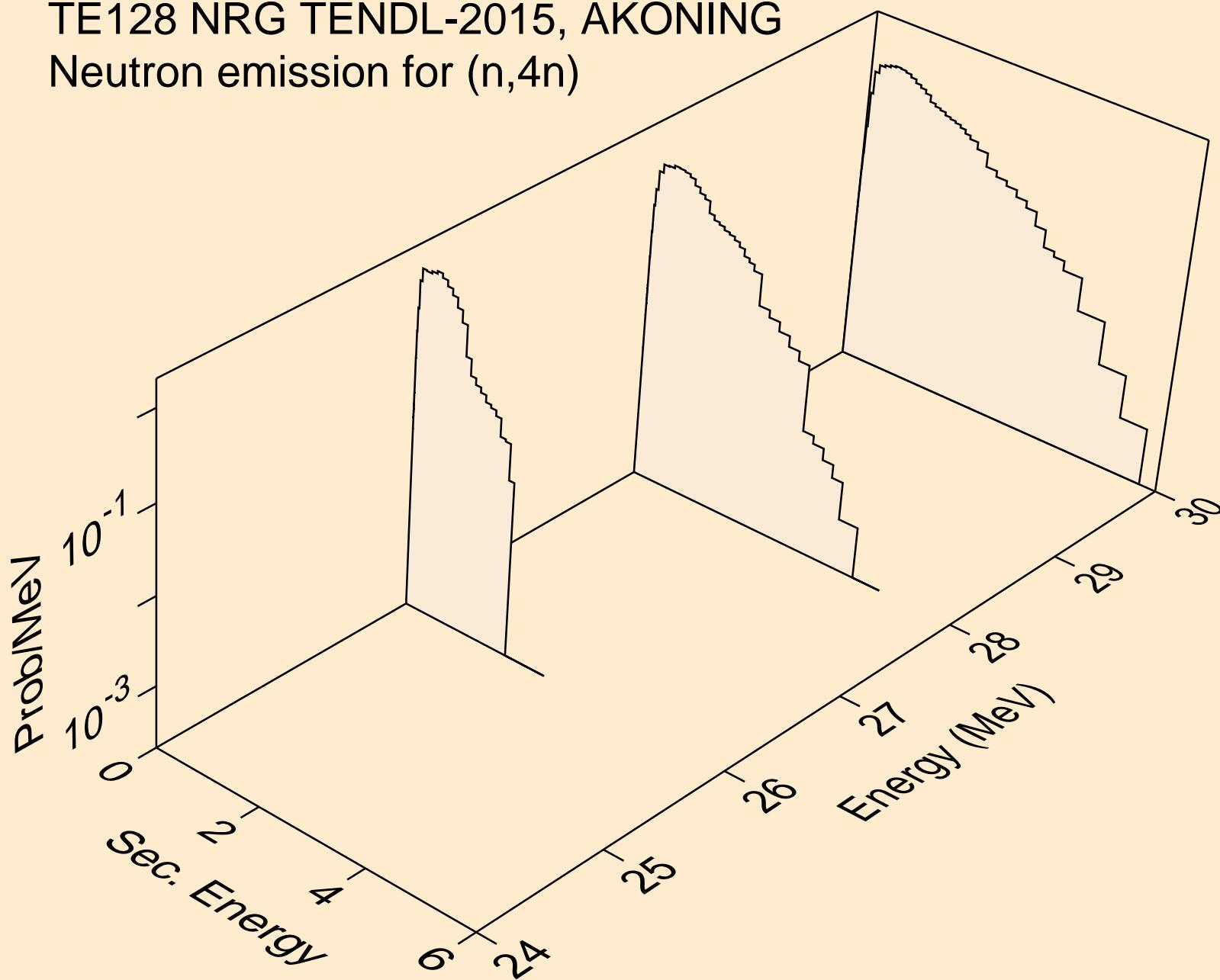
TE128 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)t$



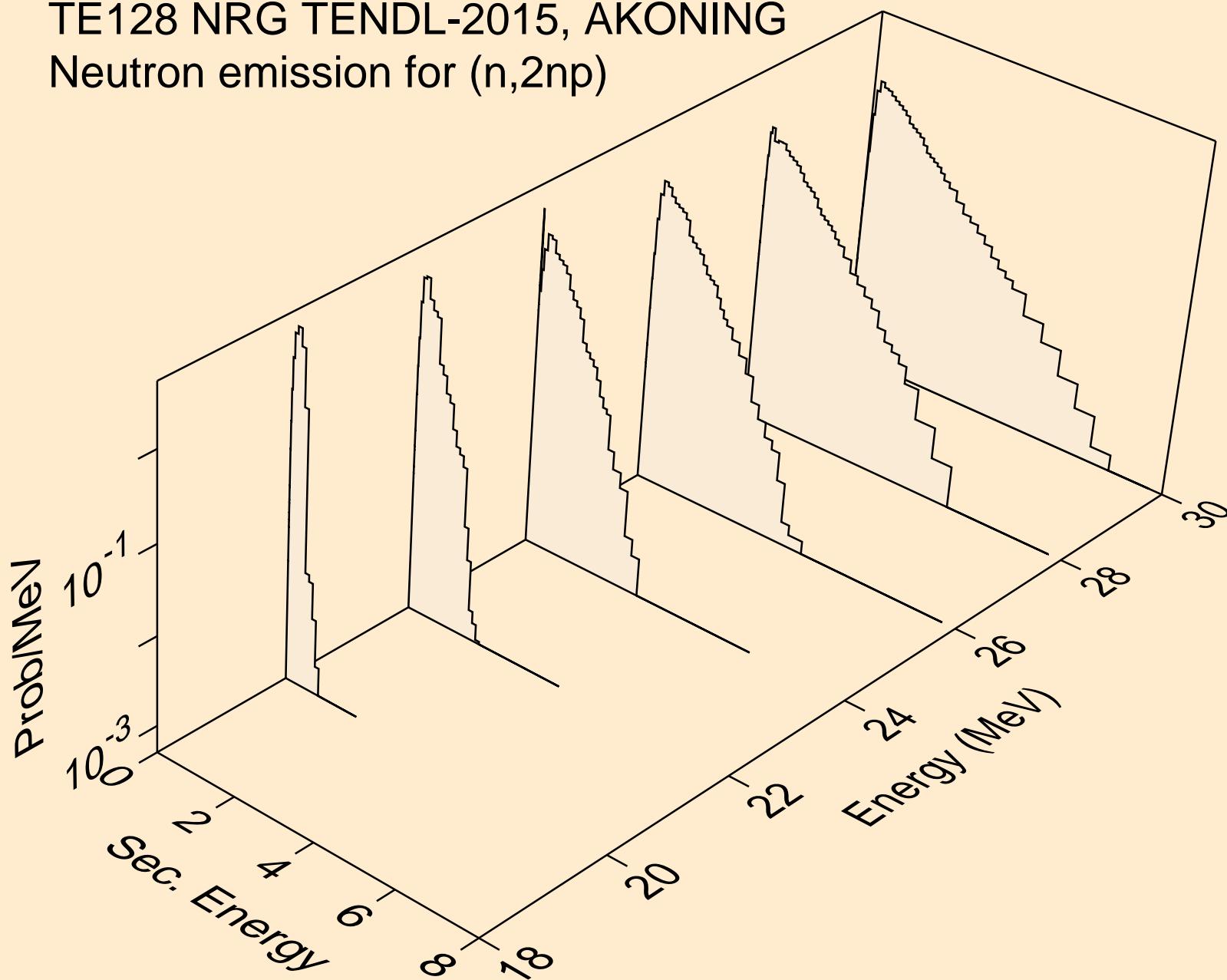
TE128 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)\text{he3}$



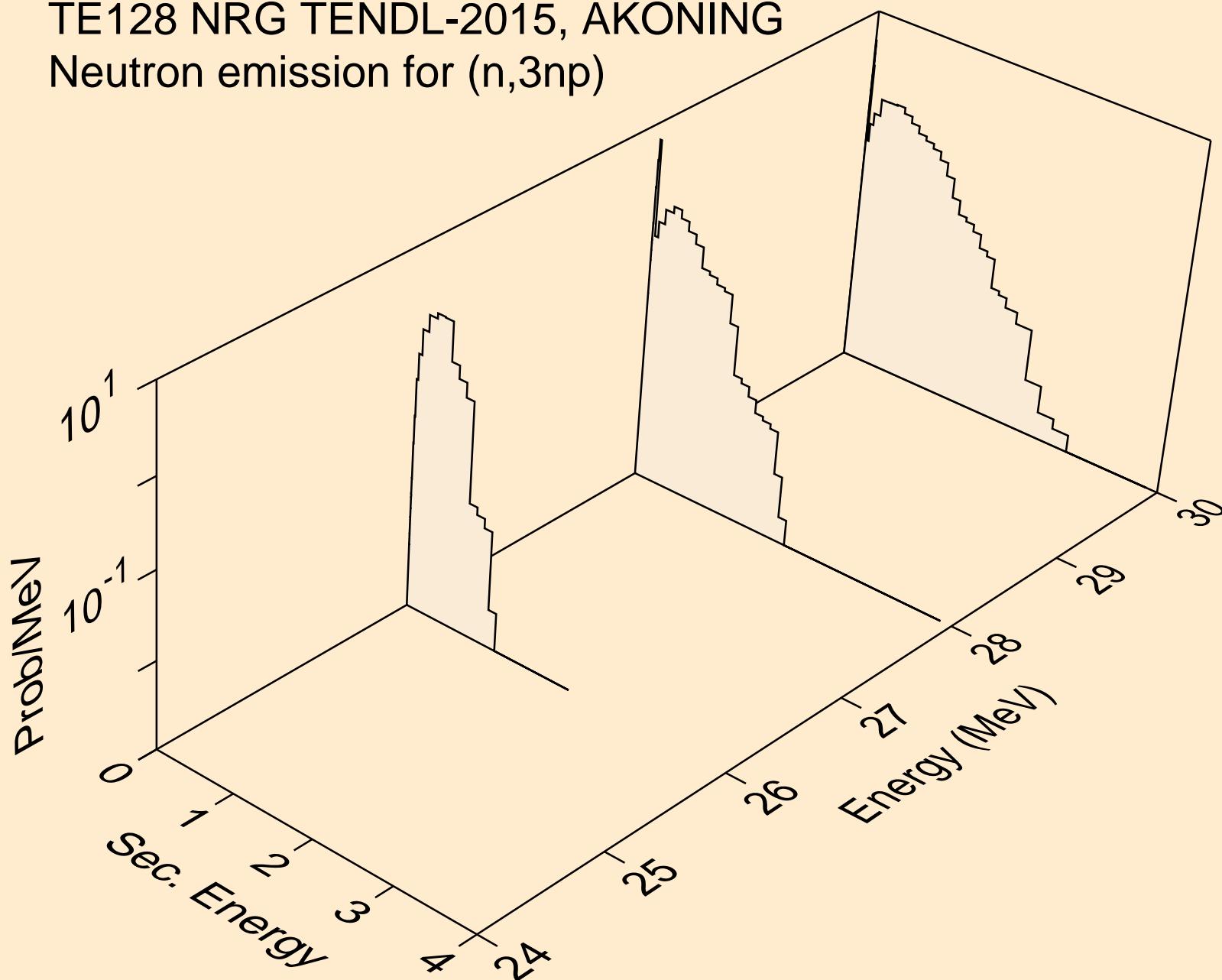
TE128 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



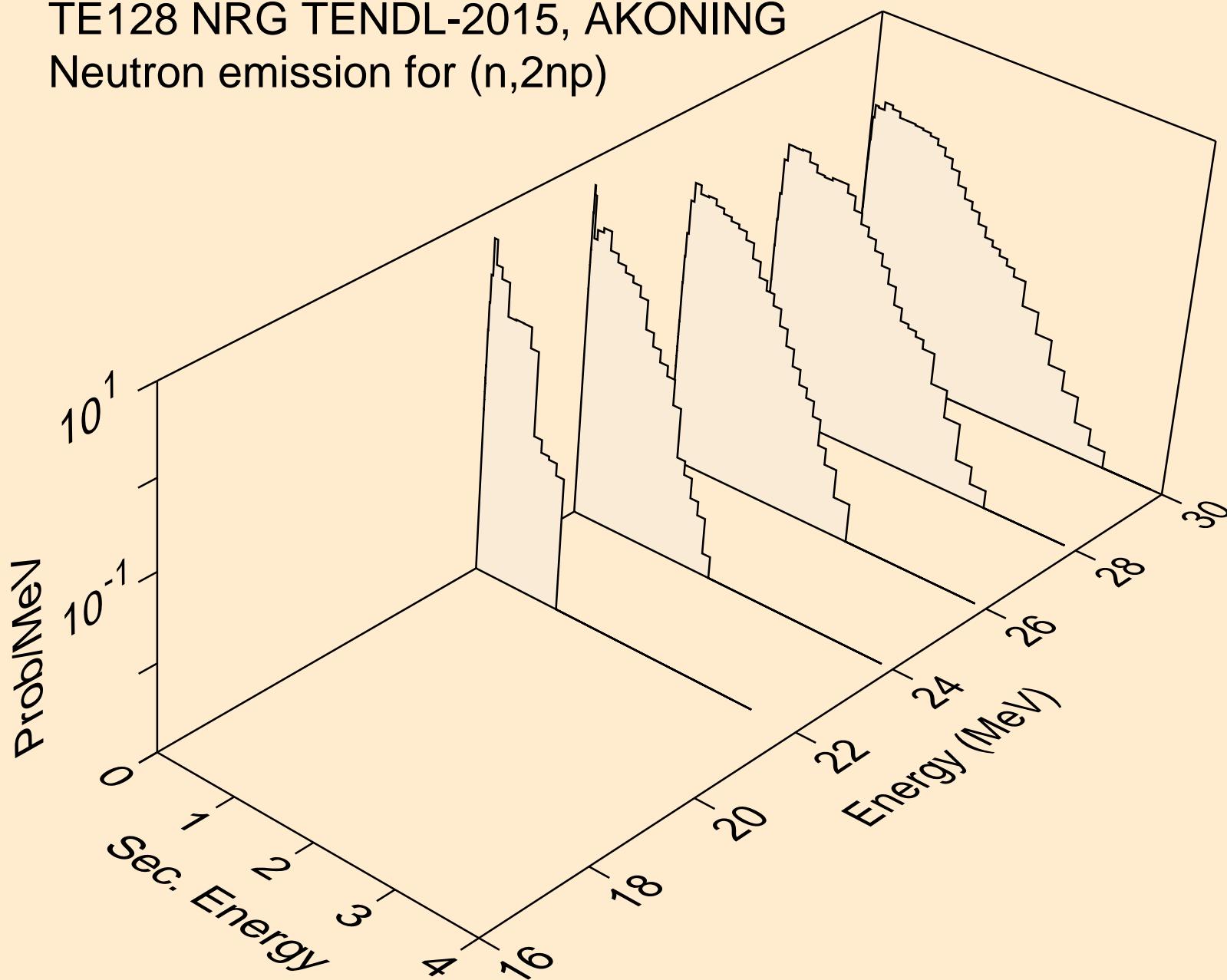
TE128 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



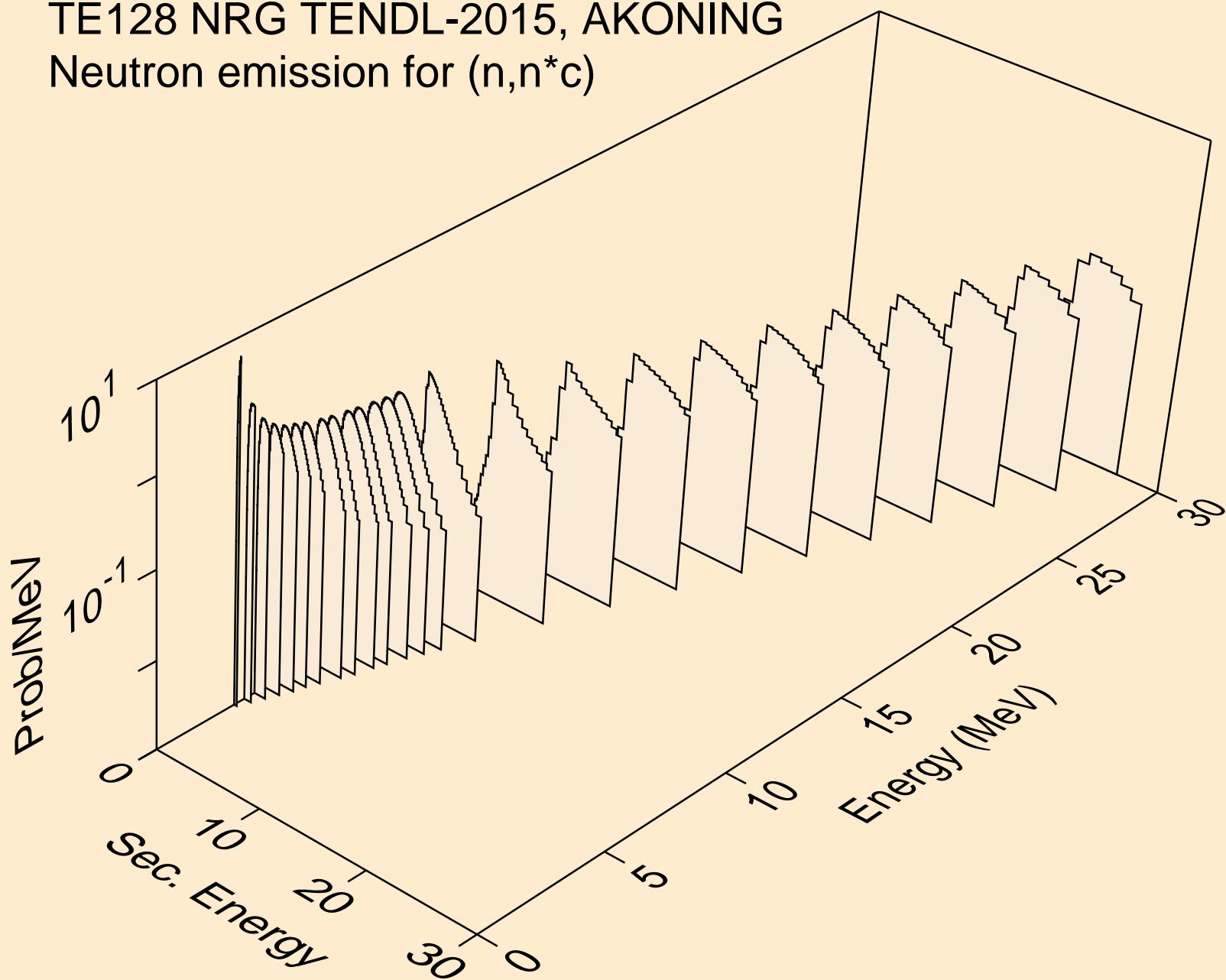
TE128 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



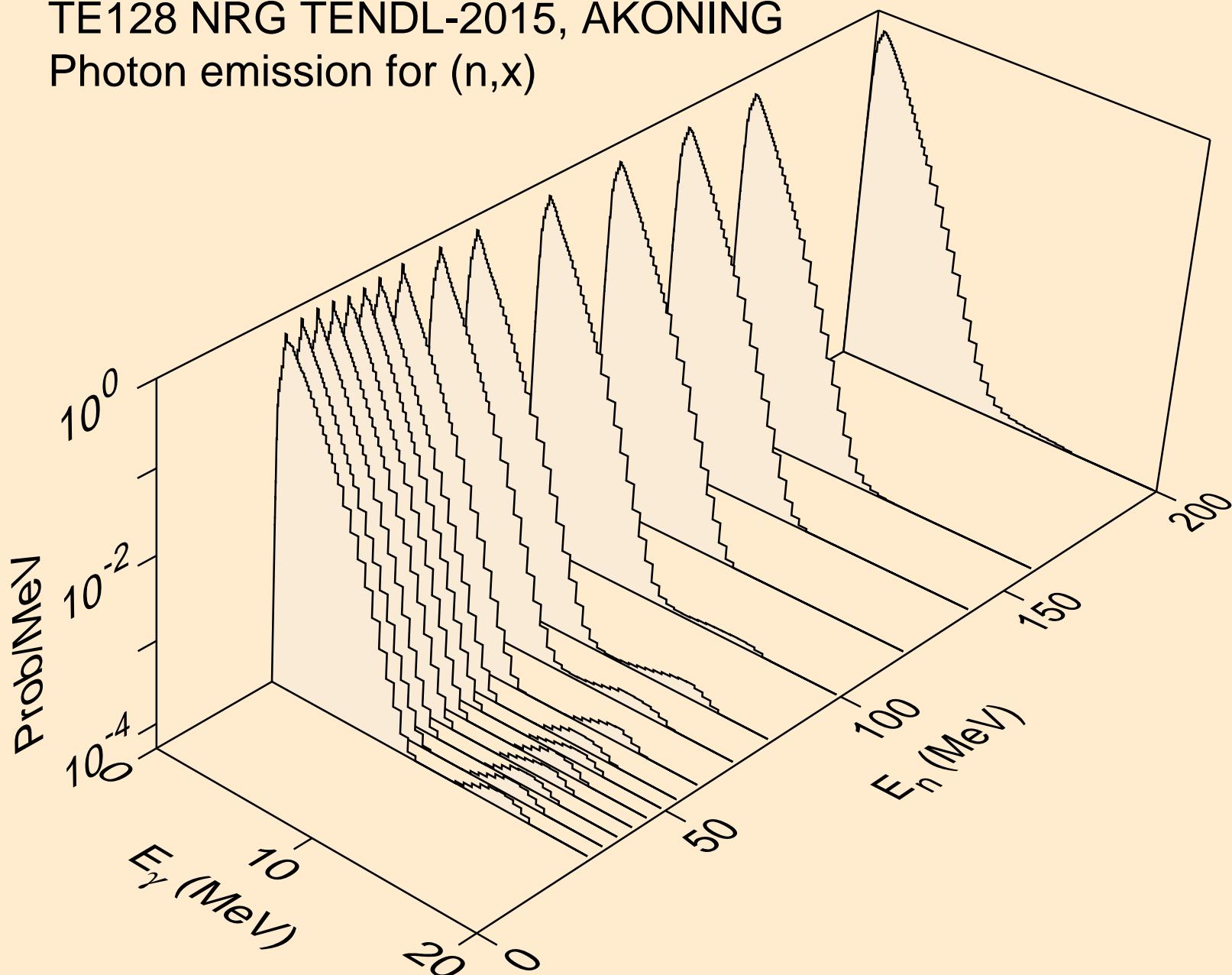
TE128 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



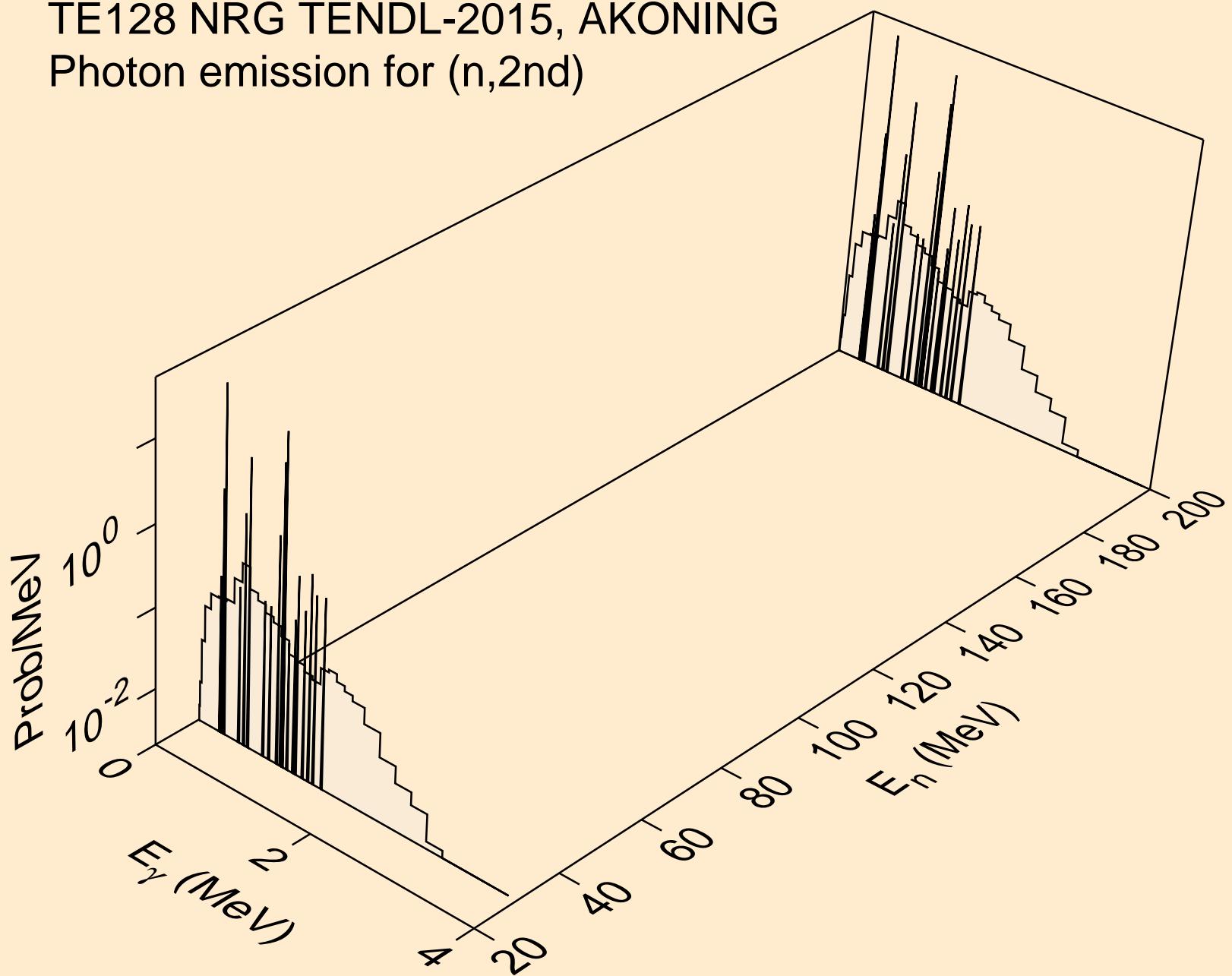
TE128 NRG TENDL-2015, AKONING  
Neutron emission for ( $n,n^*c$ )



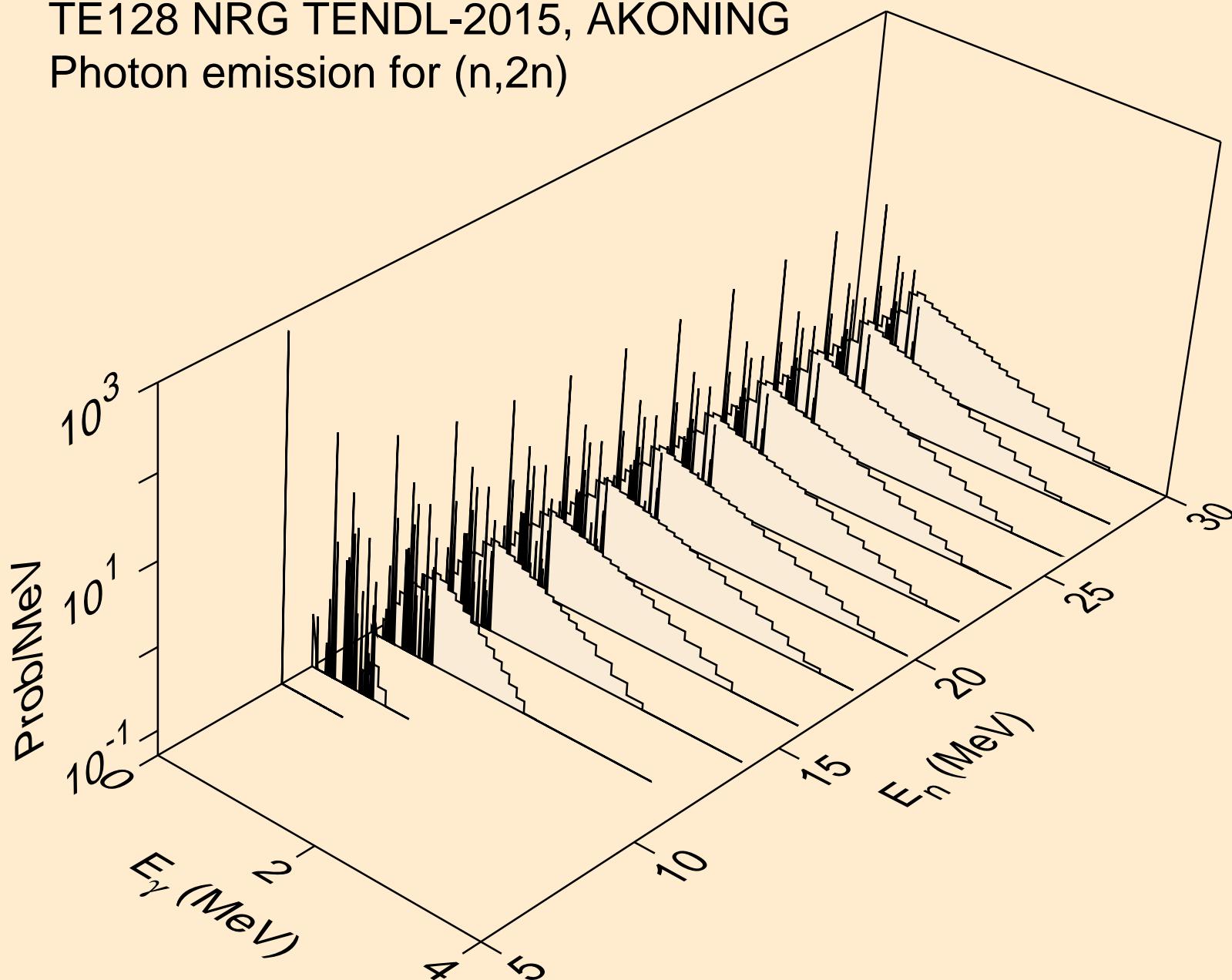
TE128 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



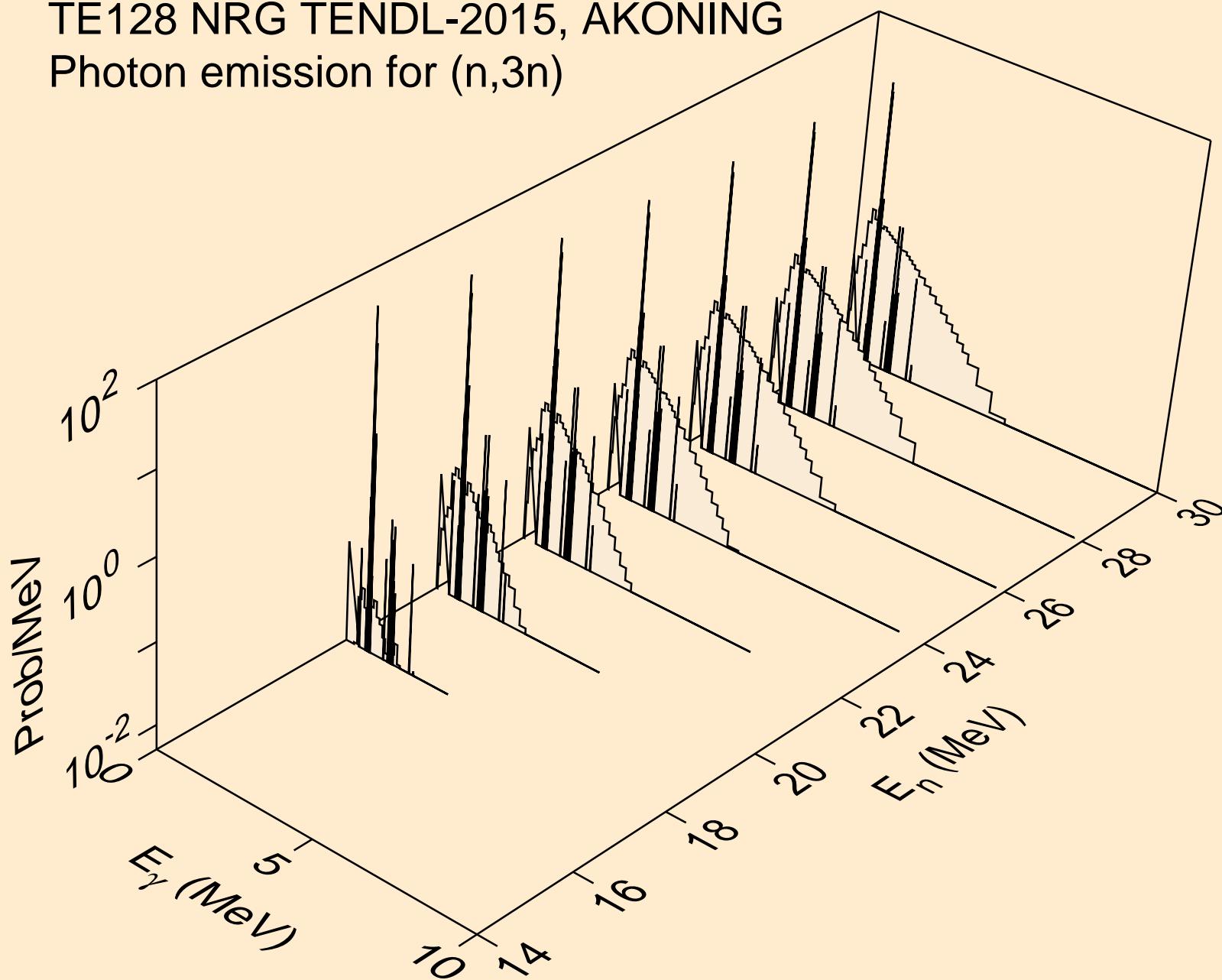
TE128 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



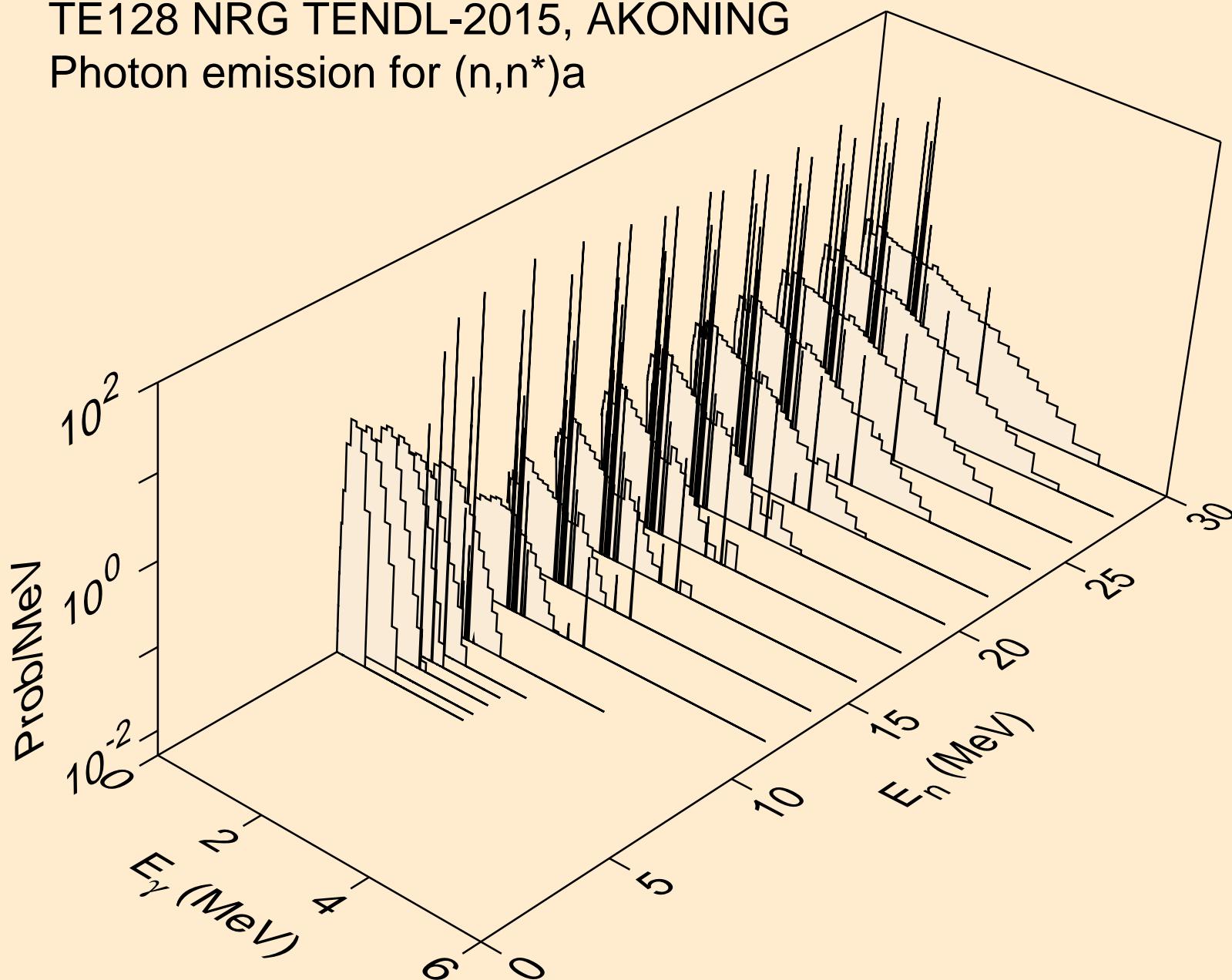
TE128 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



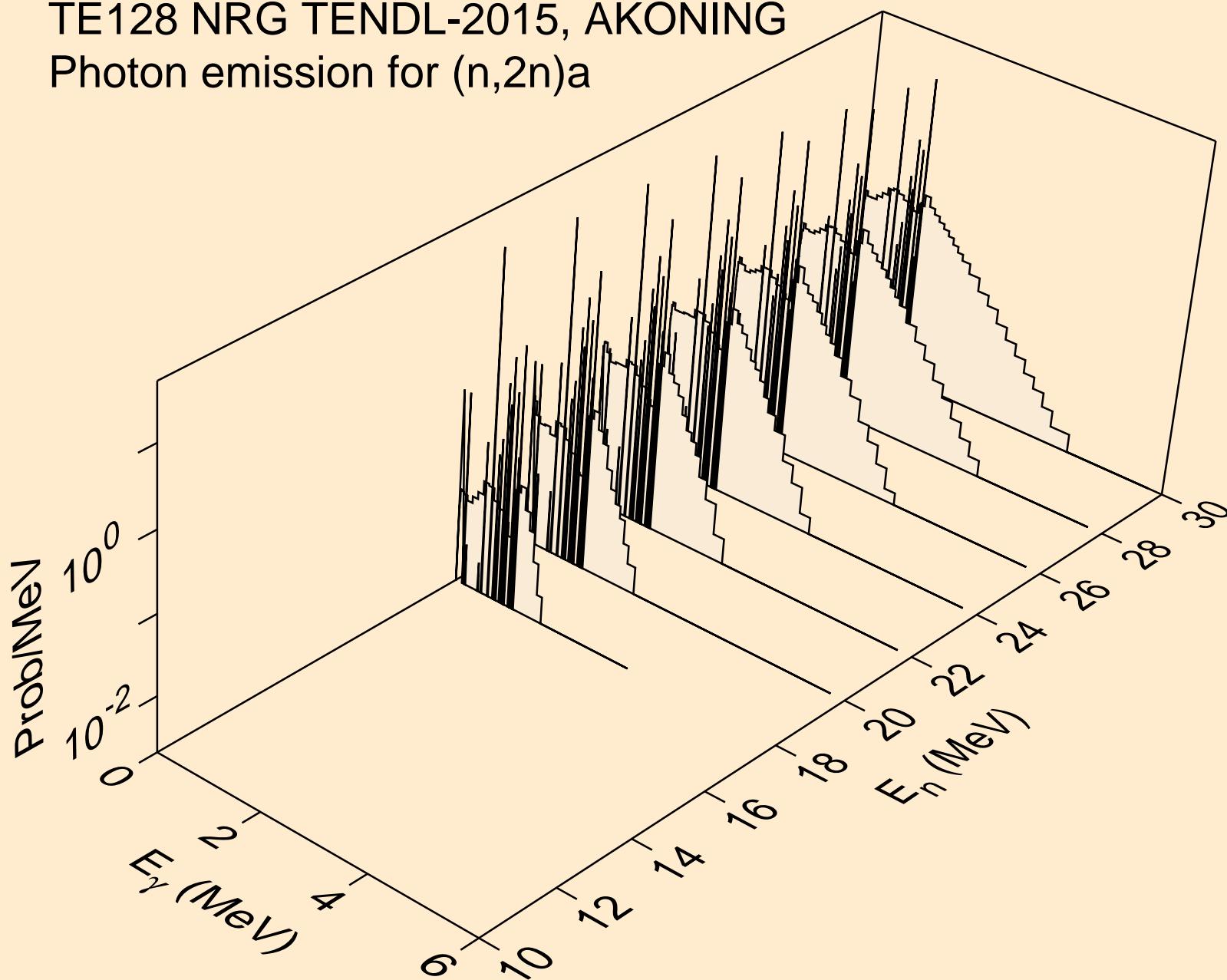
TE128 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



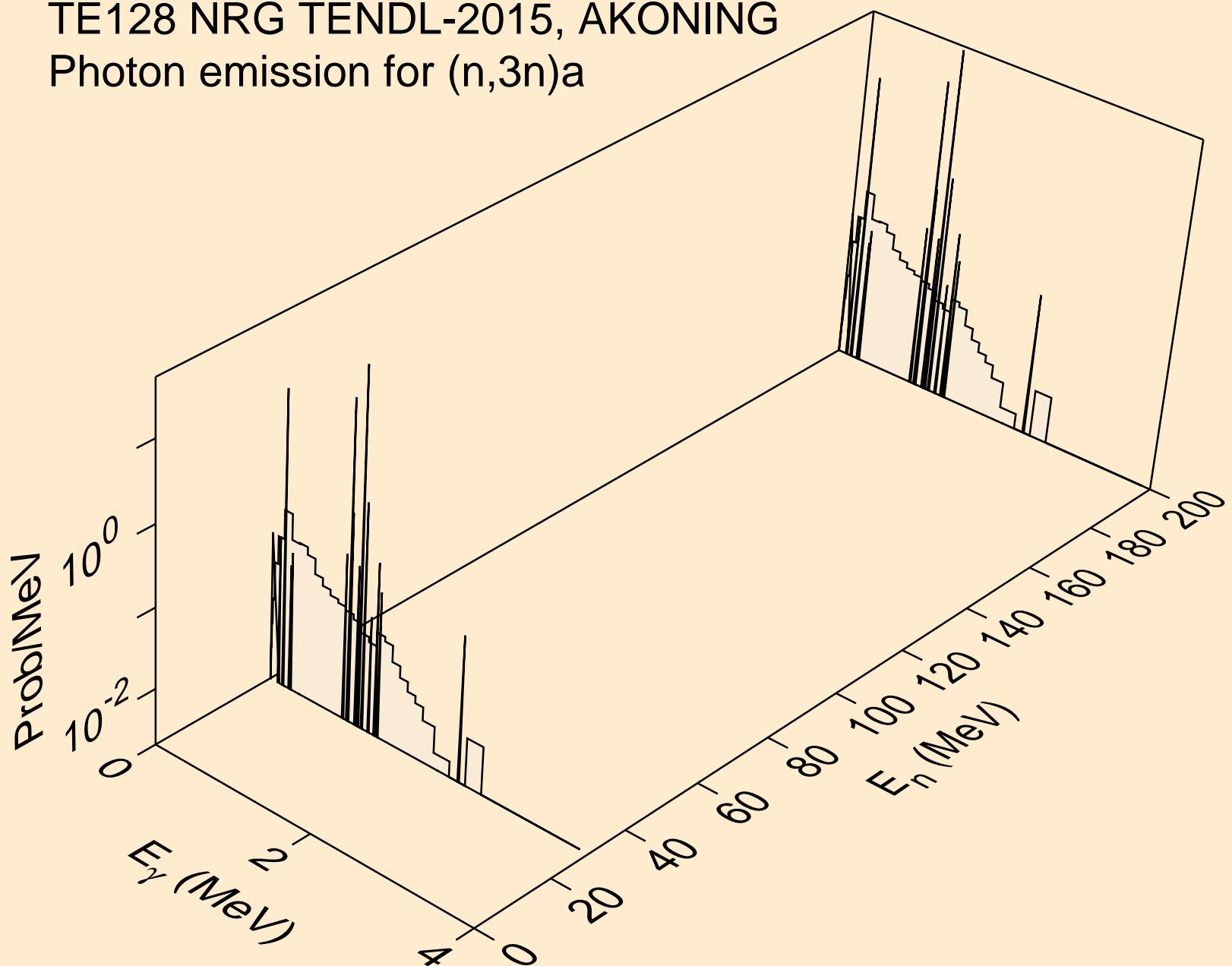
TE128 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)a$



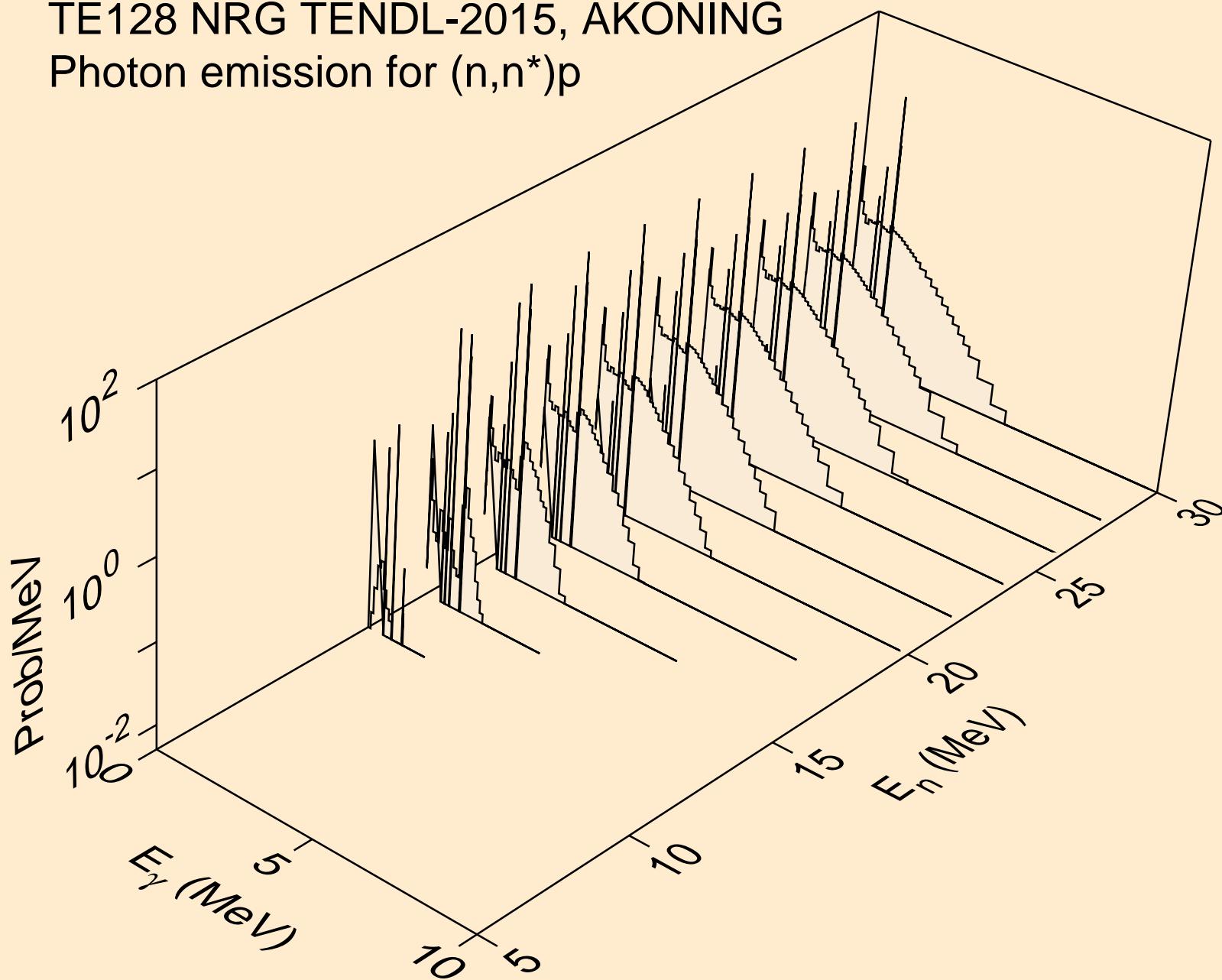
TE128 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



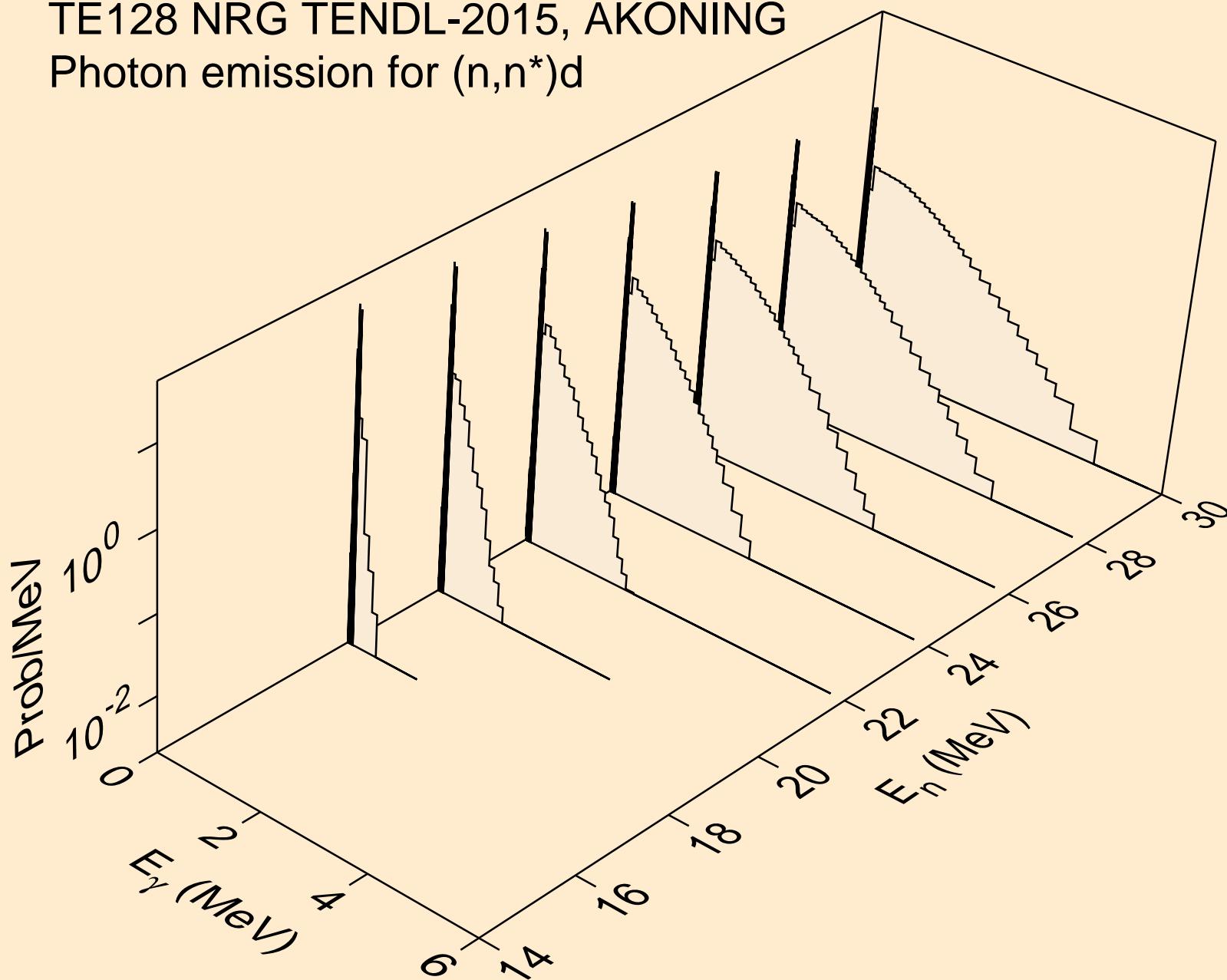
TE128 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



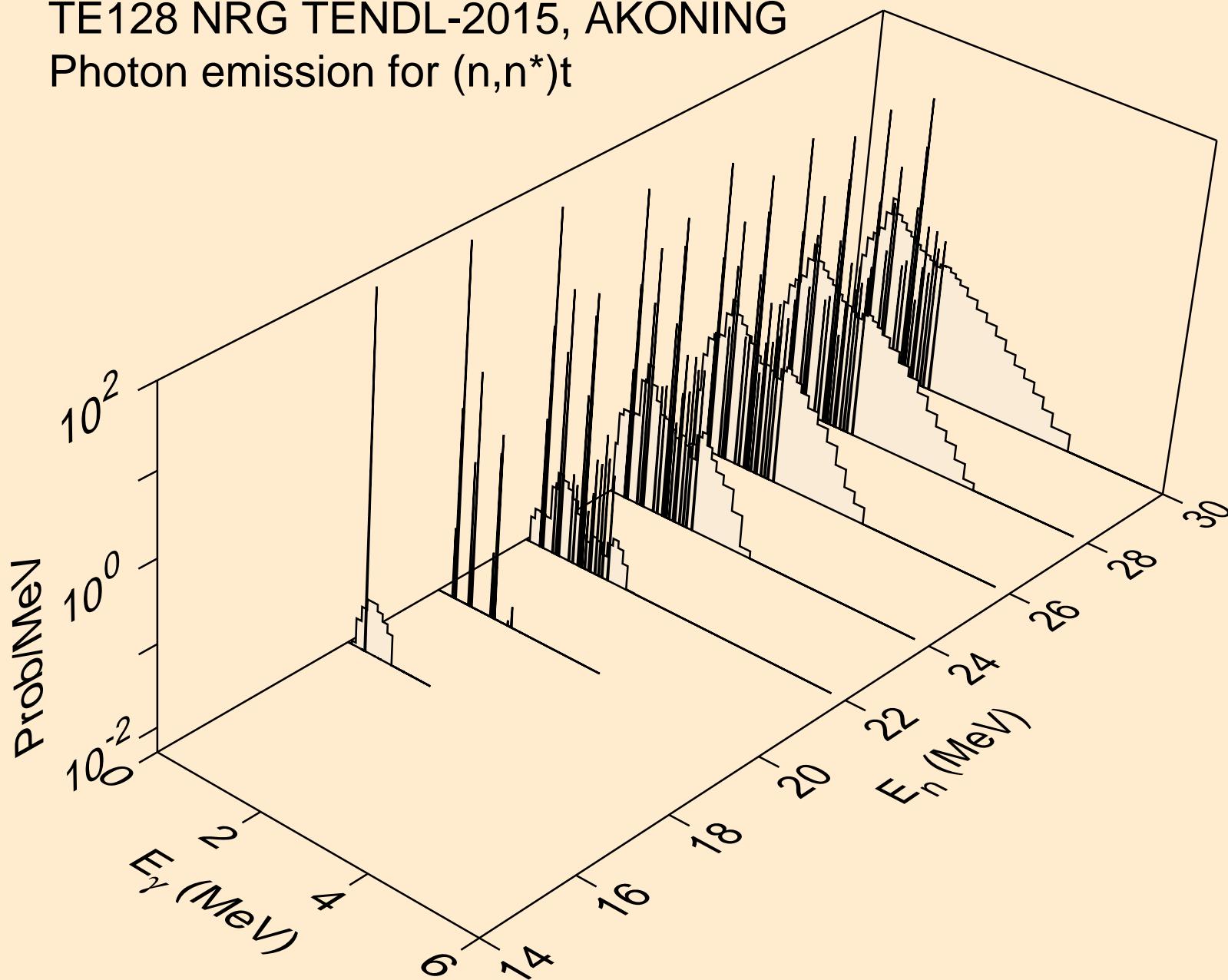
TE128 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)p$



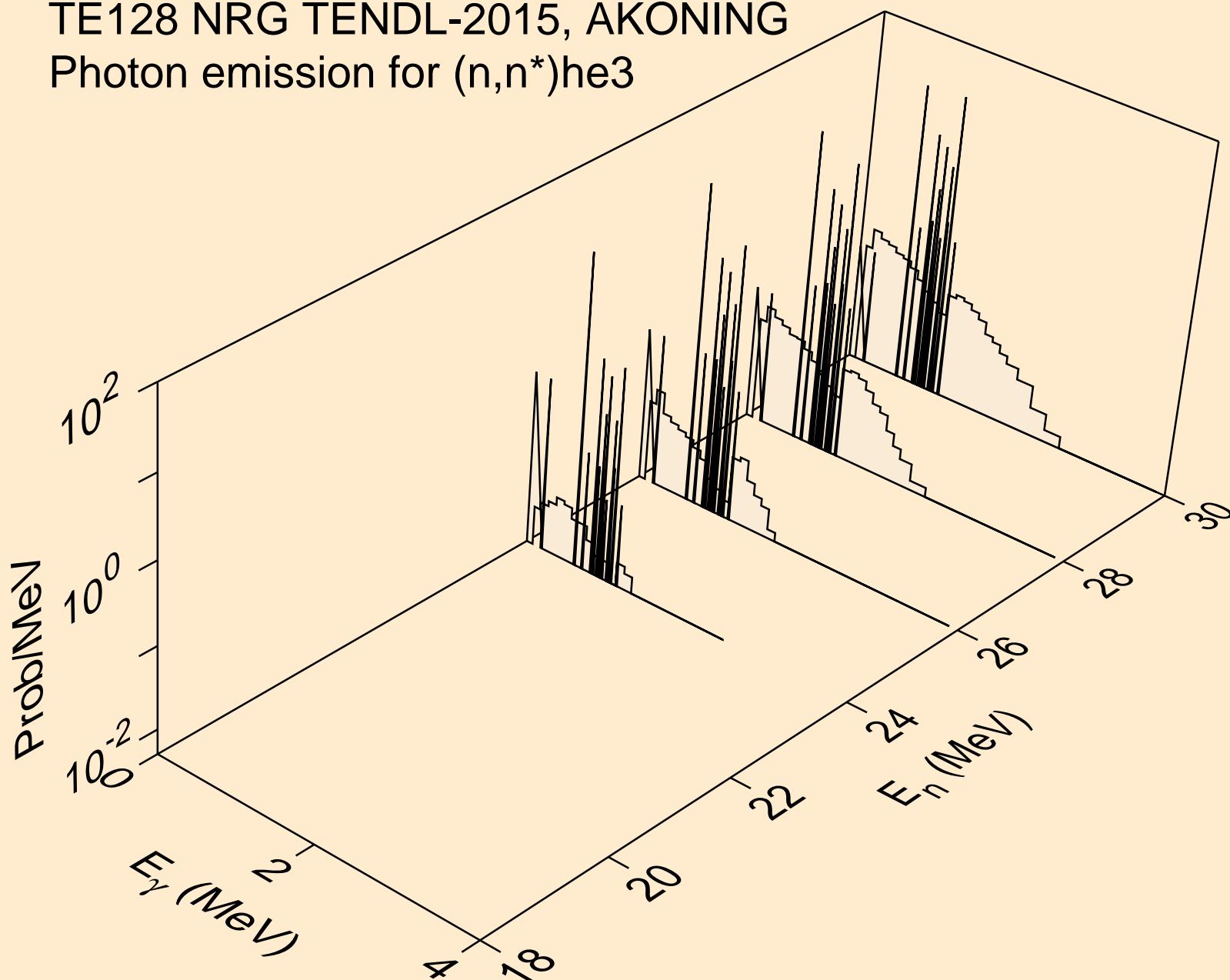
TE128 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)d$



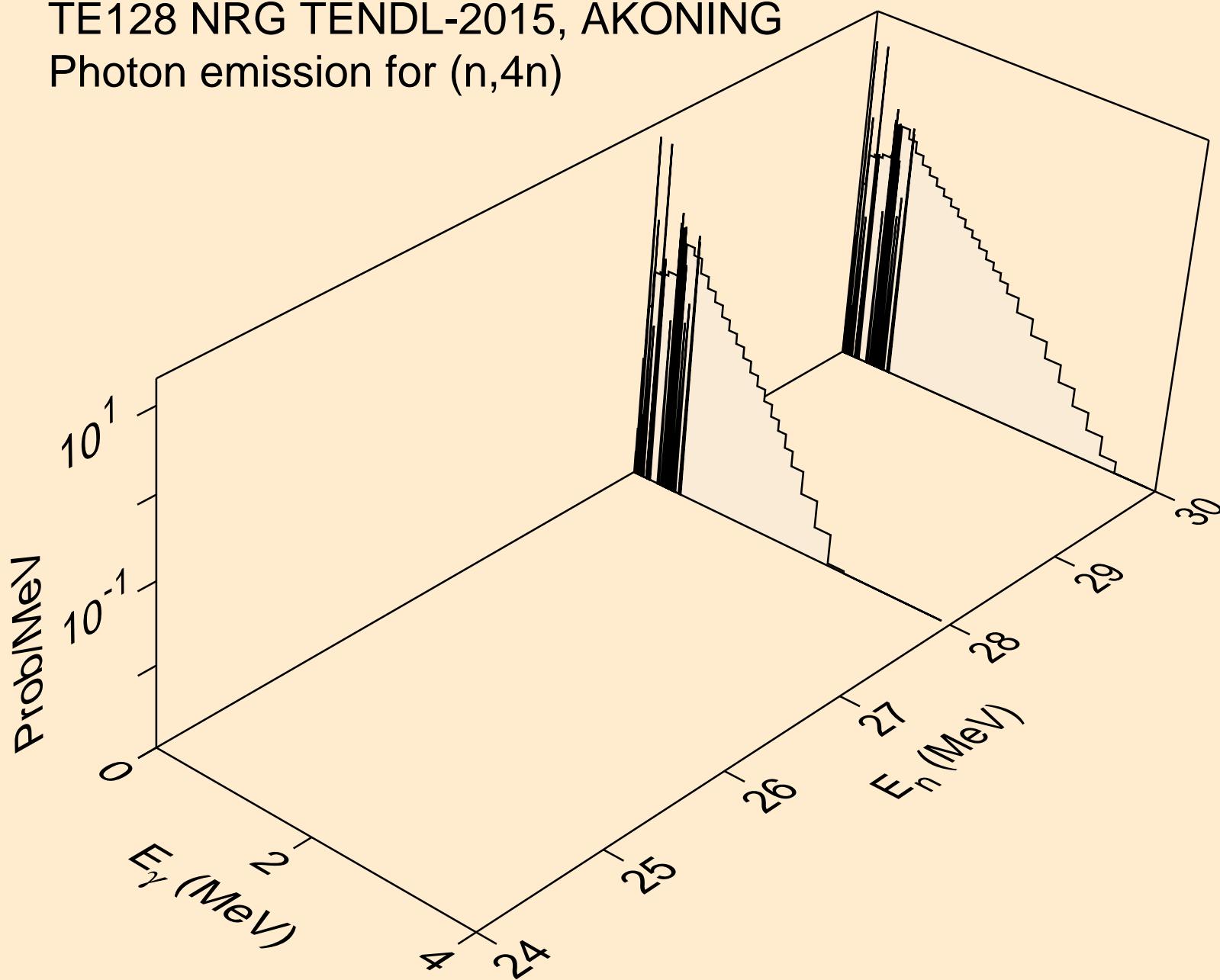
TE128 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)t$



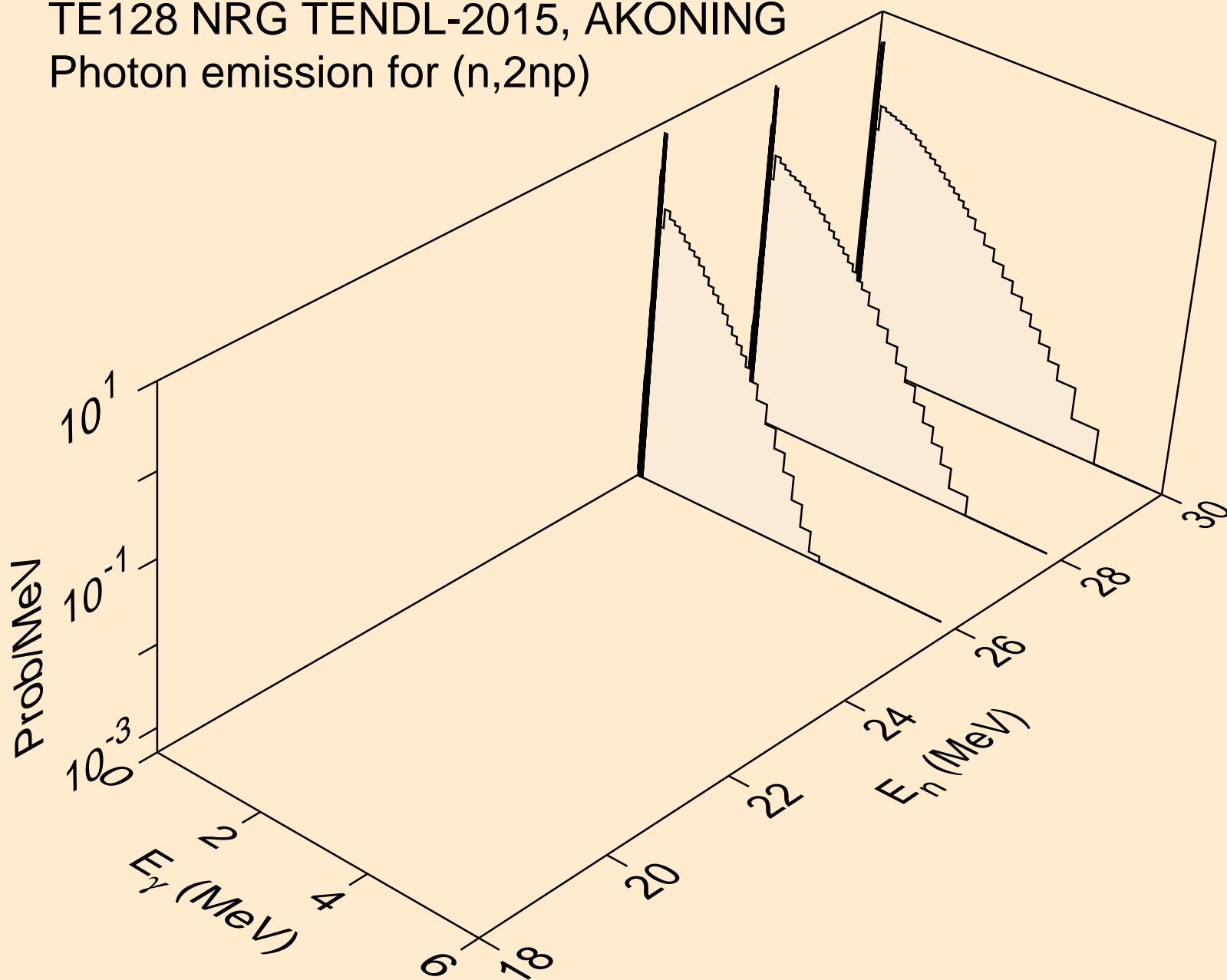
TE128 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)\text{he3}$



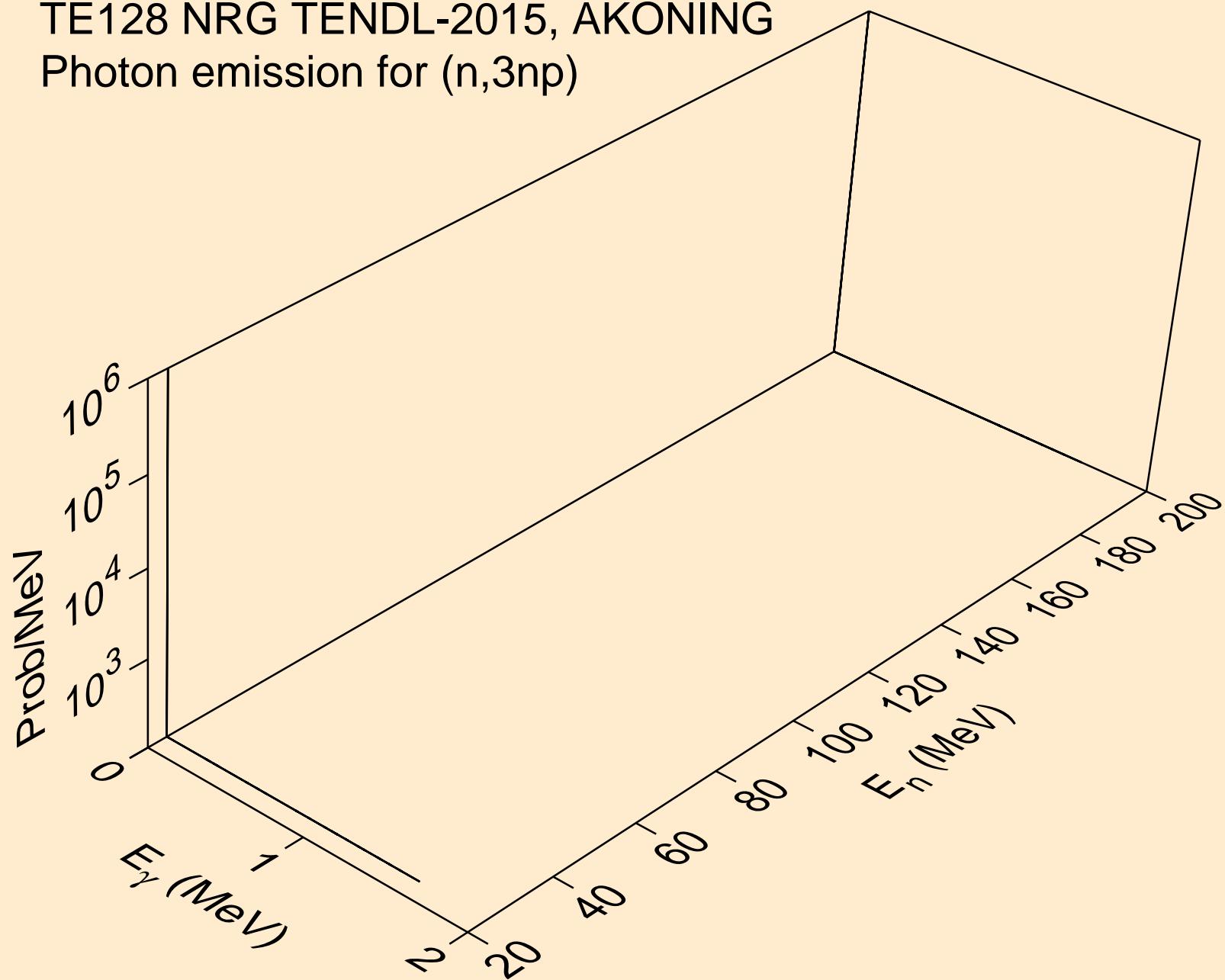
TE128 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



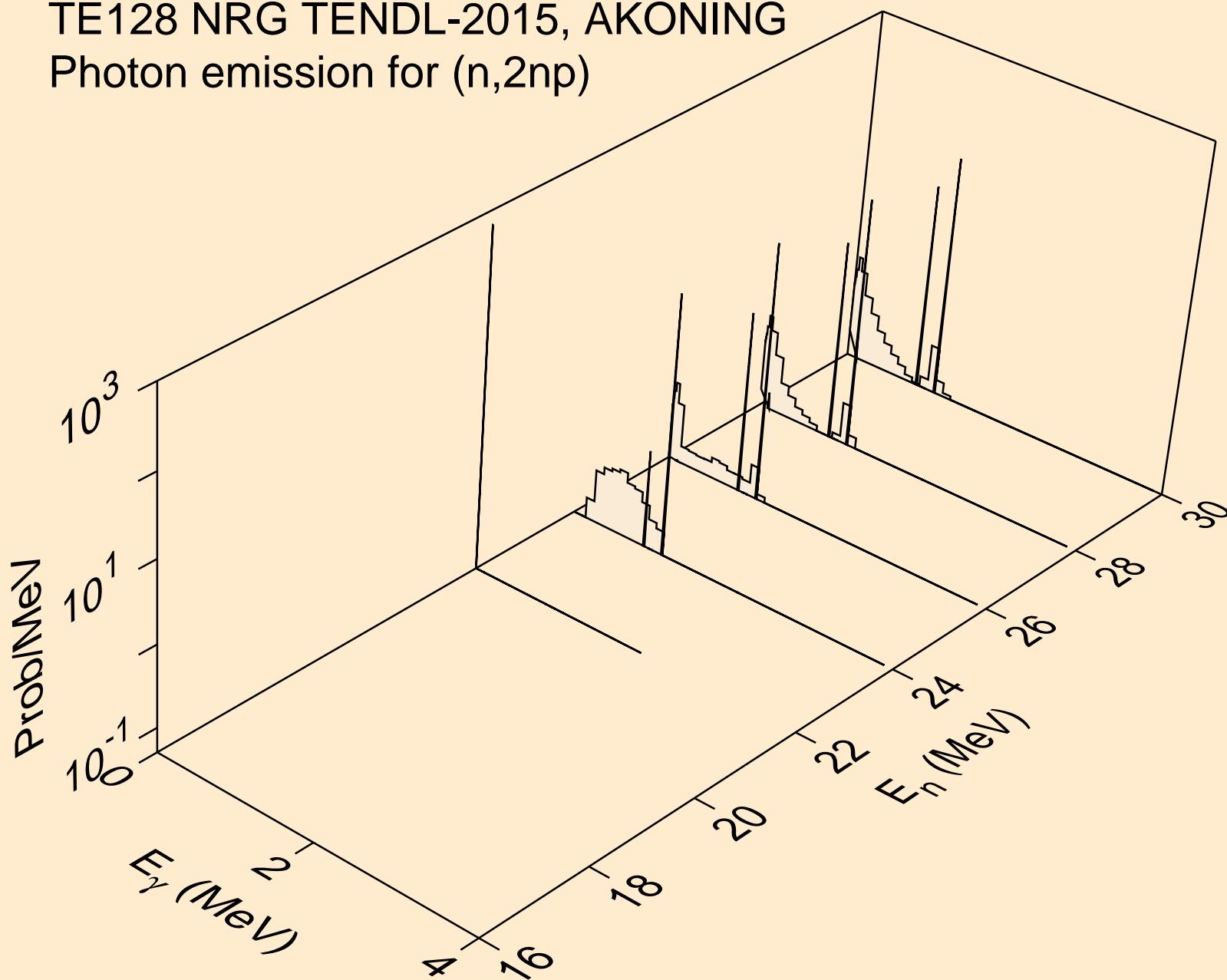
TE128 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



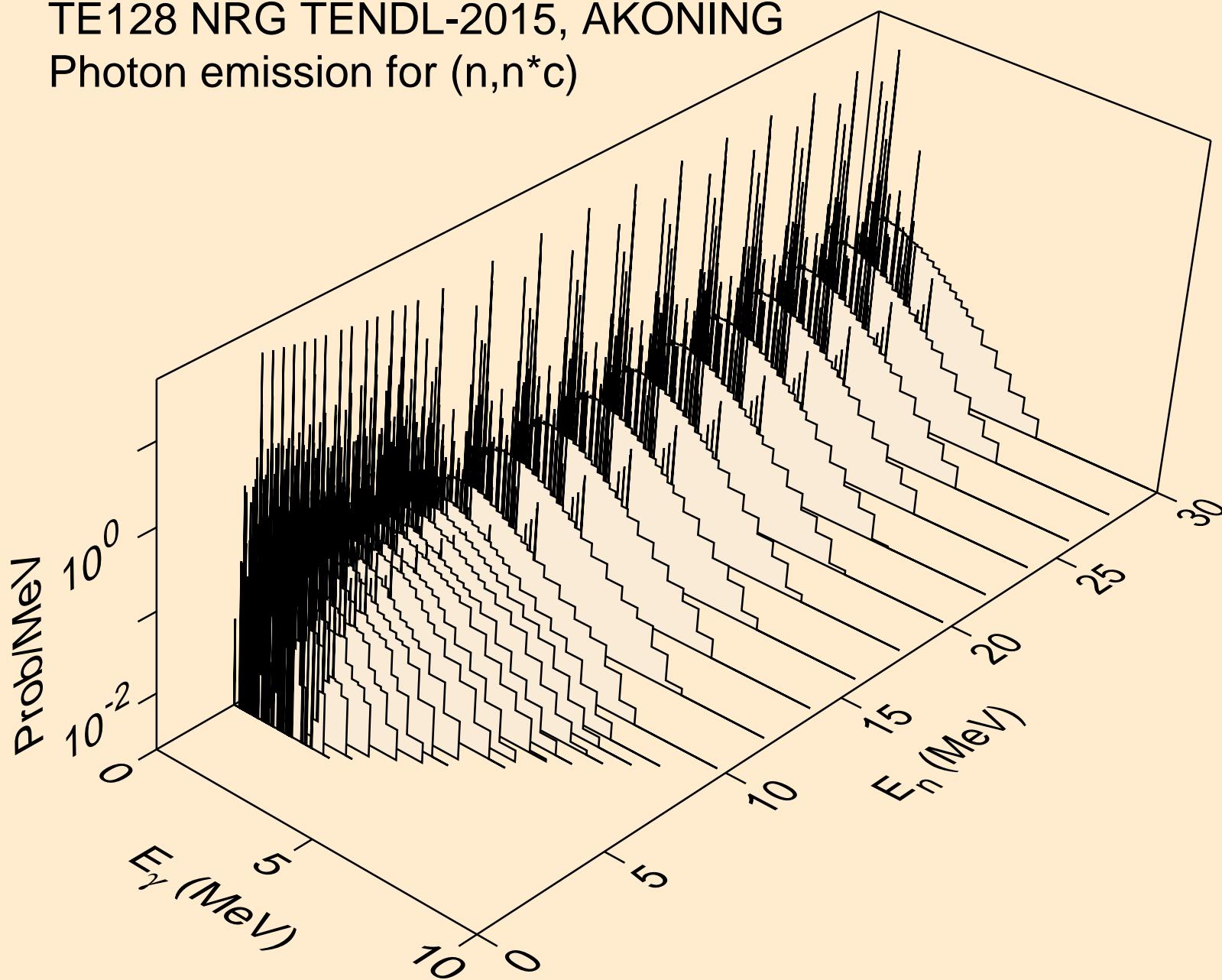
TE128 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



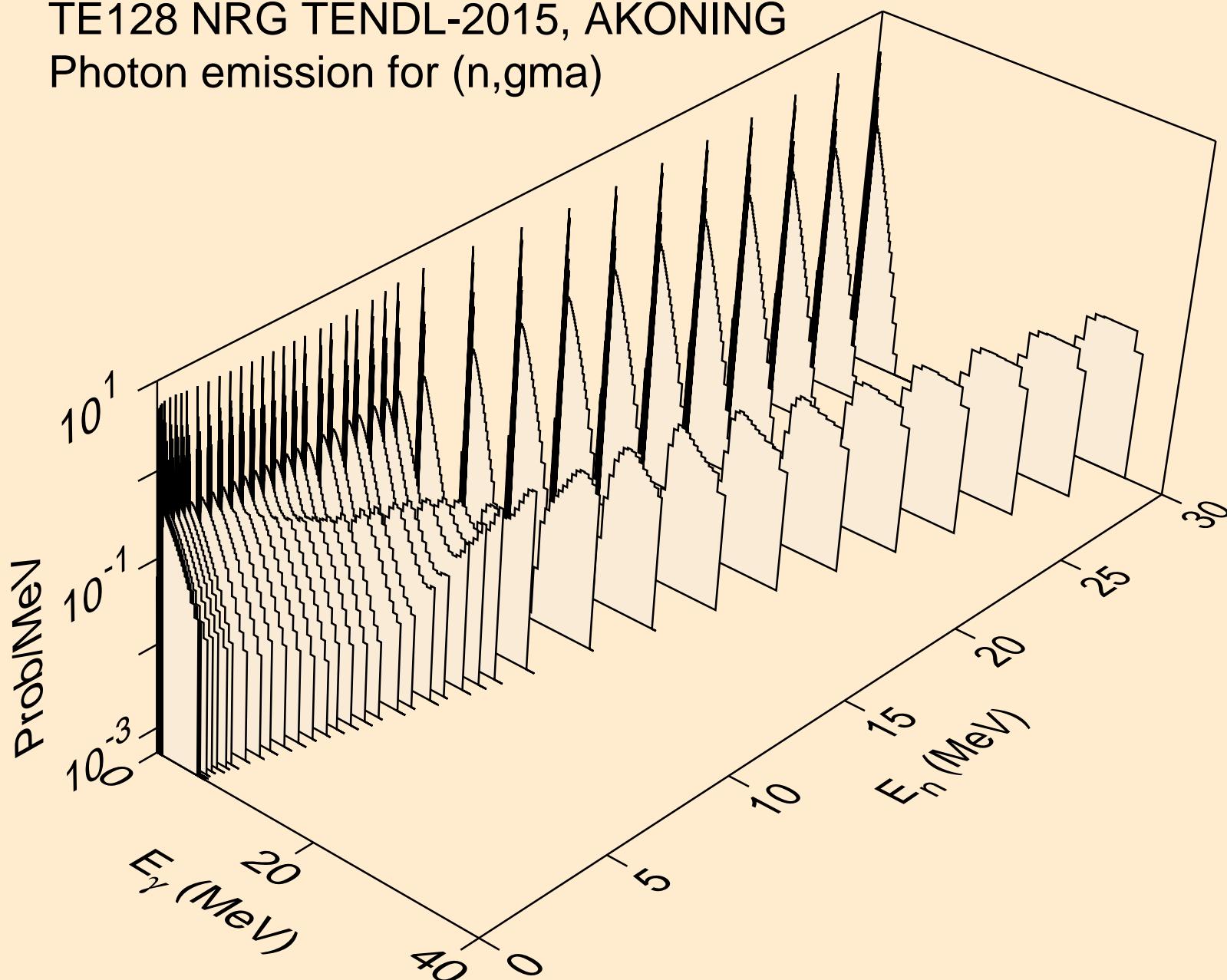
TE128 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



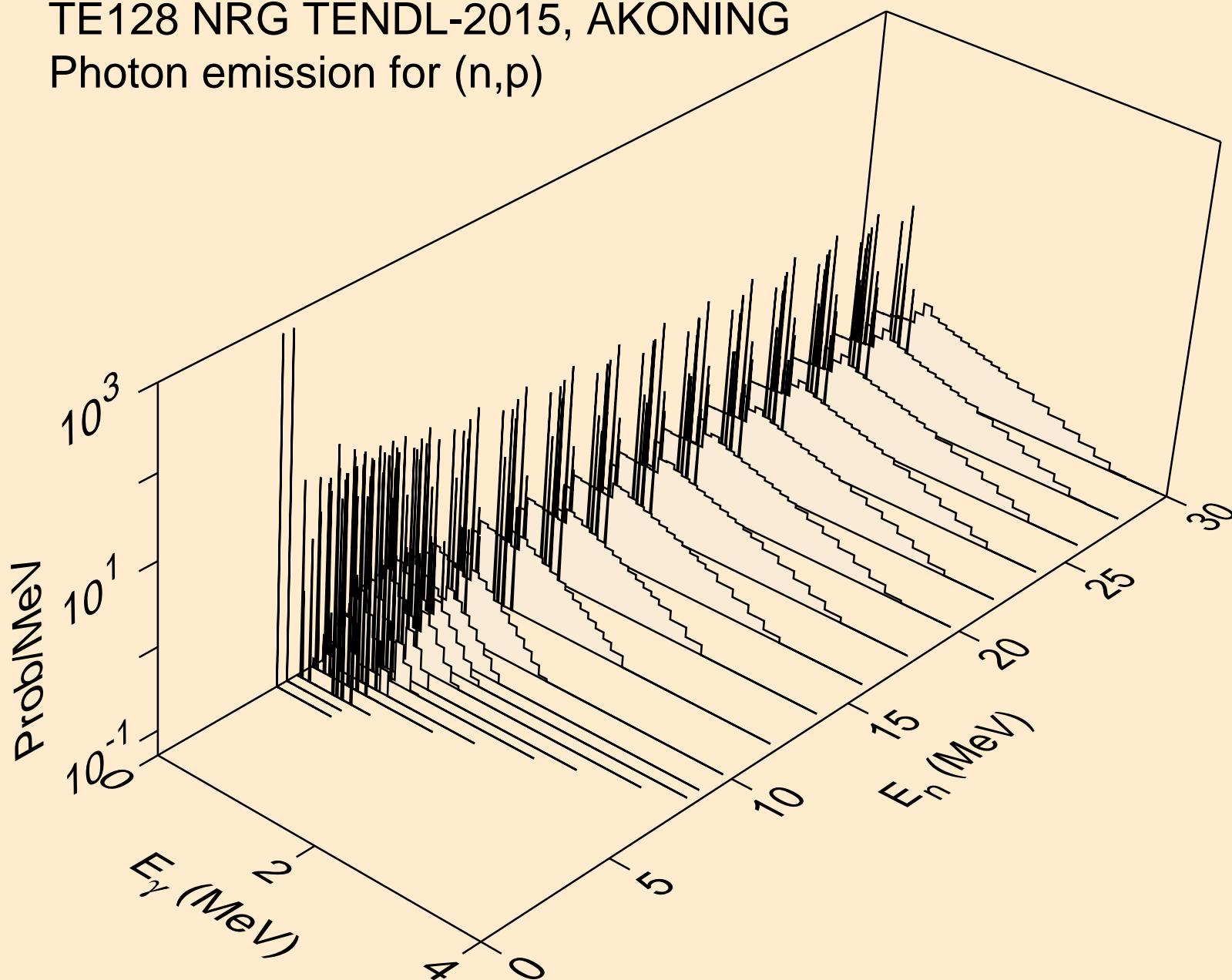
TE128 NRG TENDL-2015, AKONING  
Photon emission for ( $n, n^*c$ )



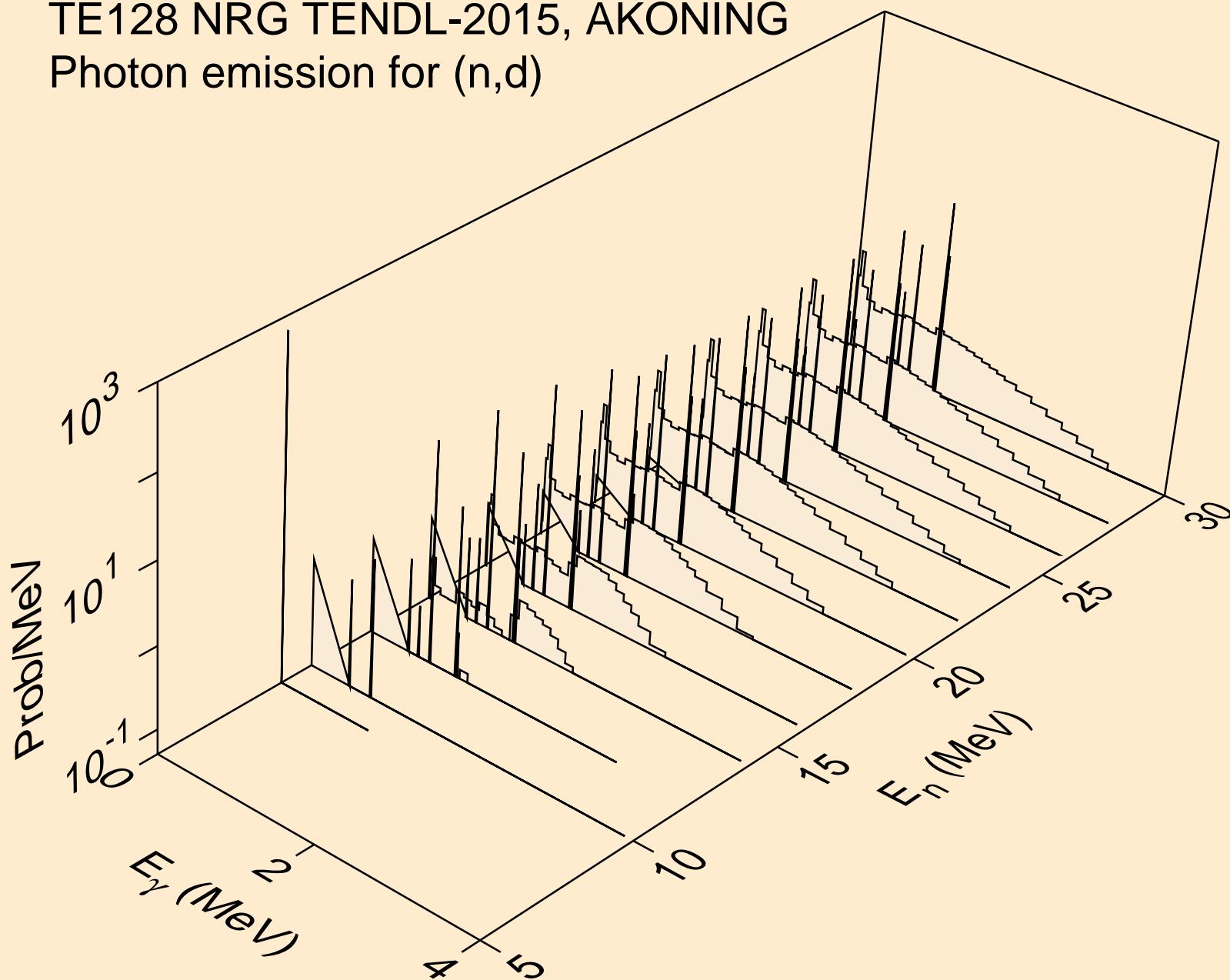
TE128 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



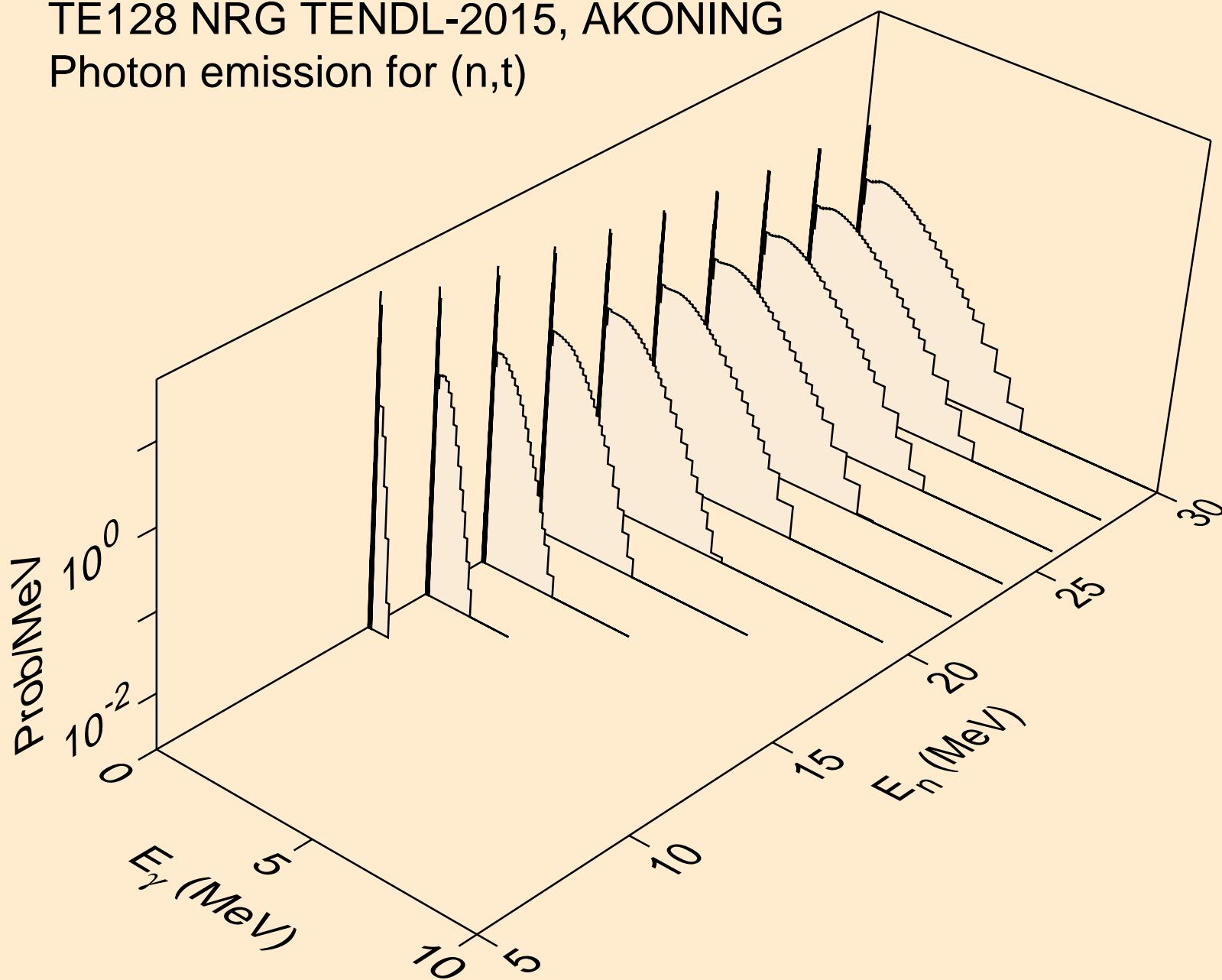
TE128 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



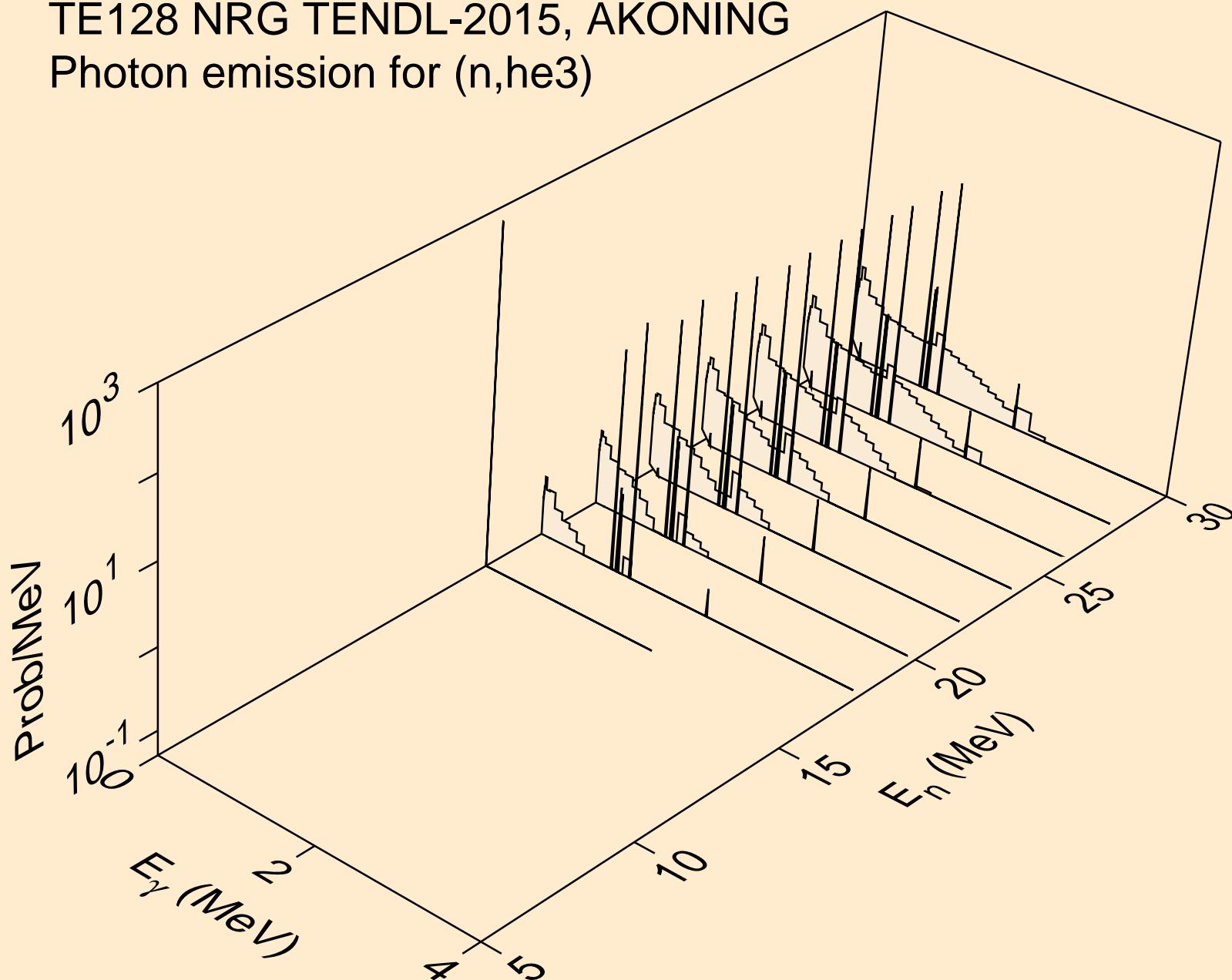
TE128 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



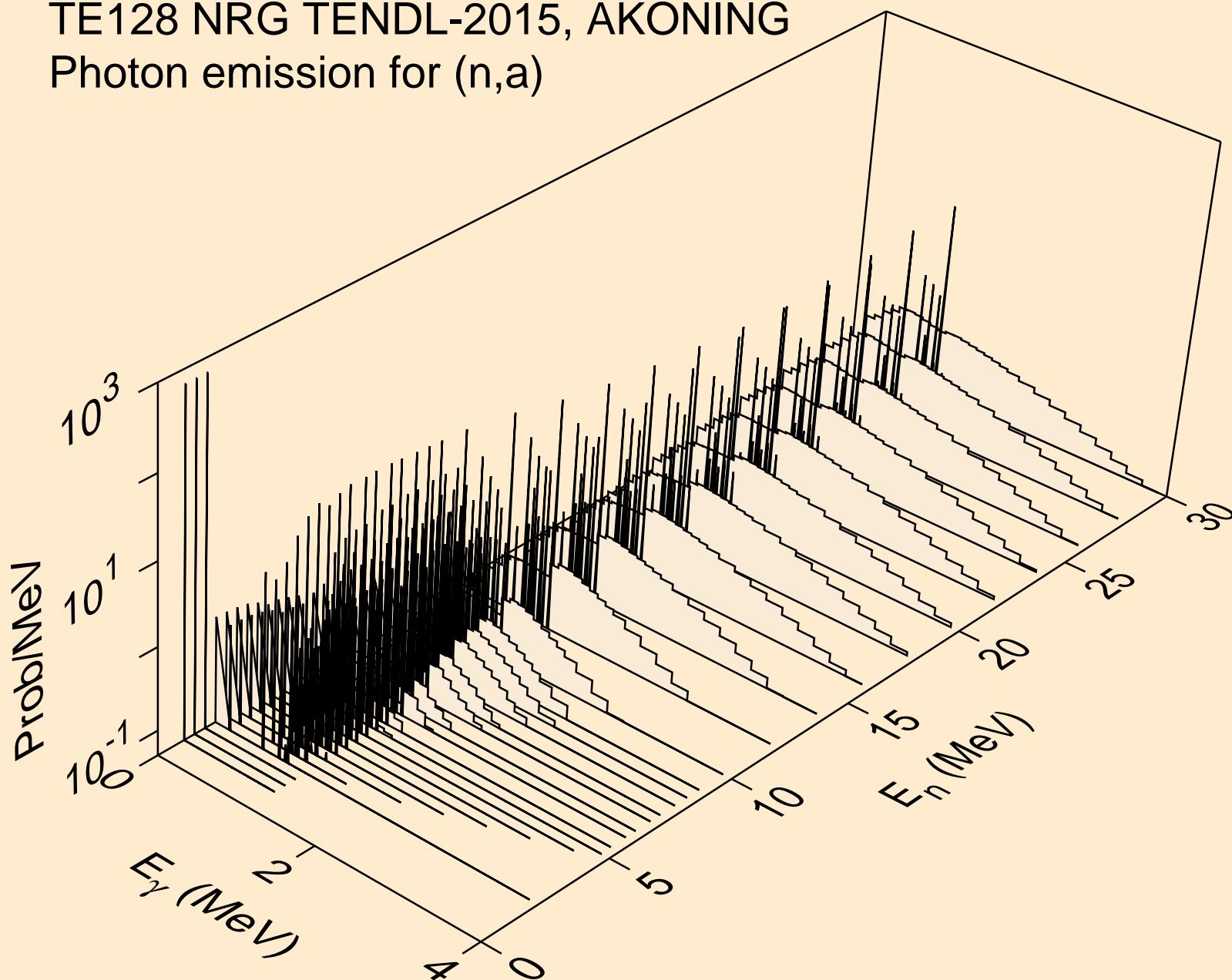
TE128 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



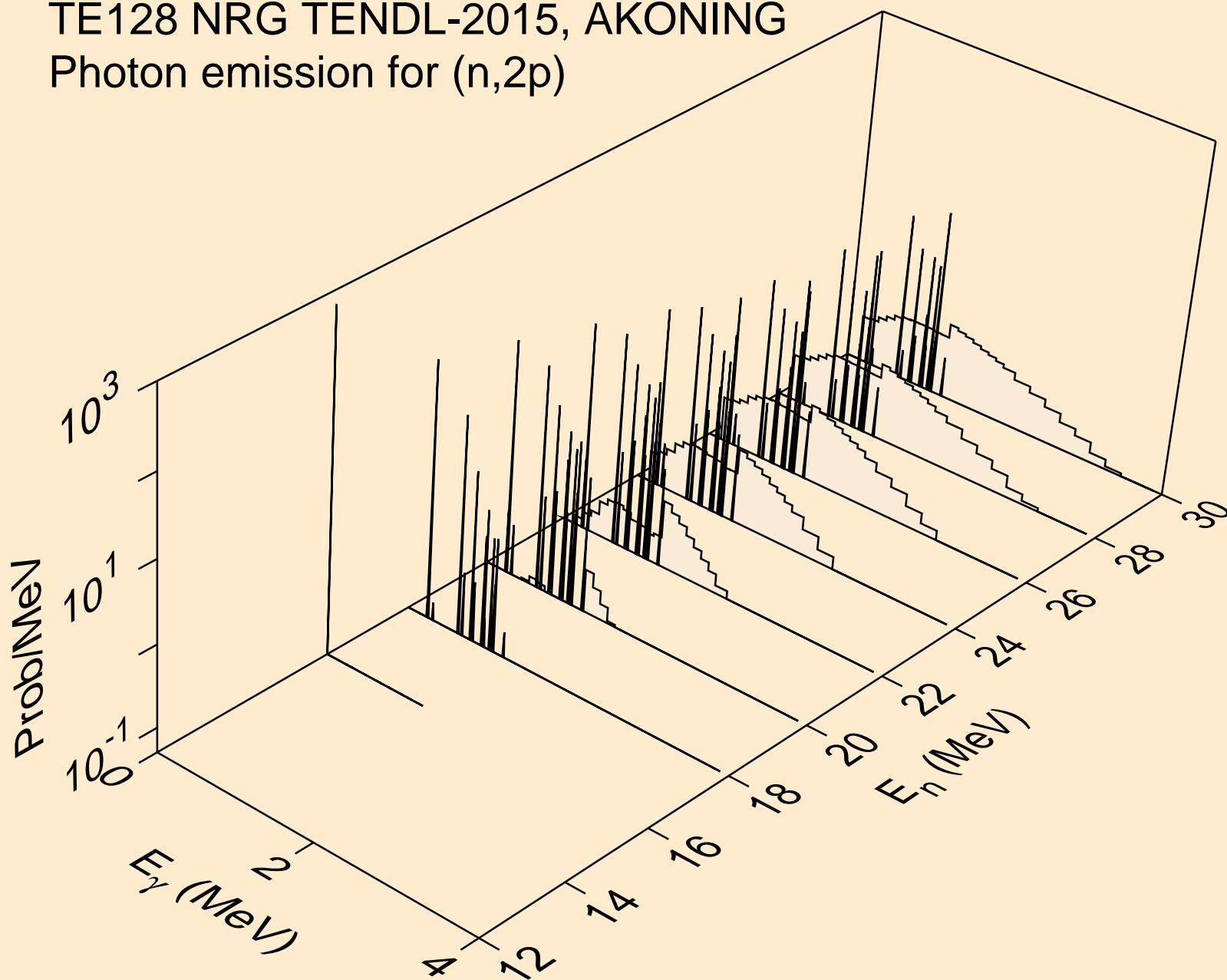
TE128 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



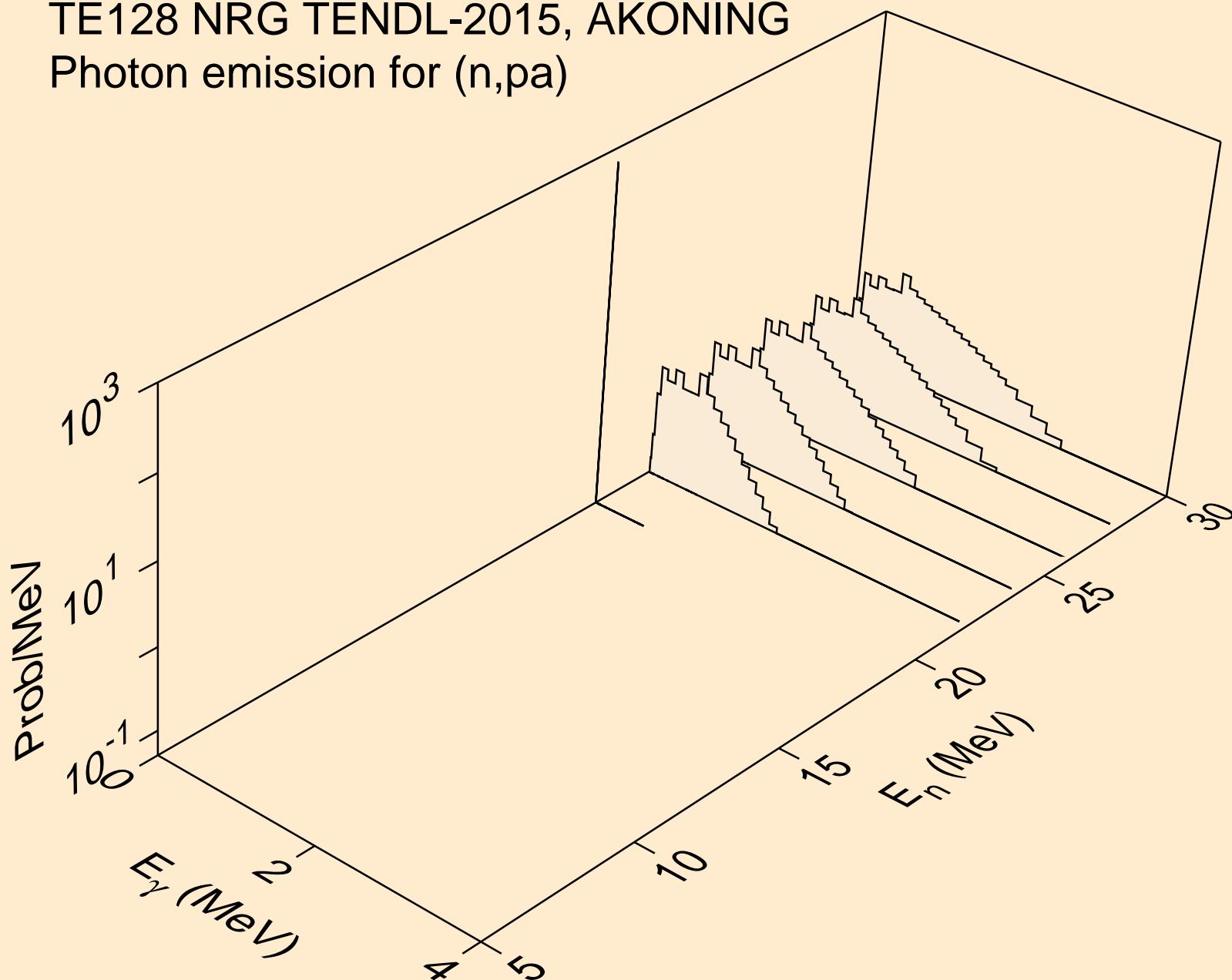
TE128 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



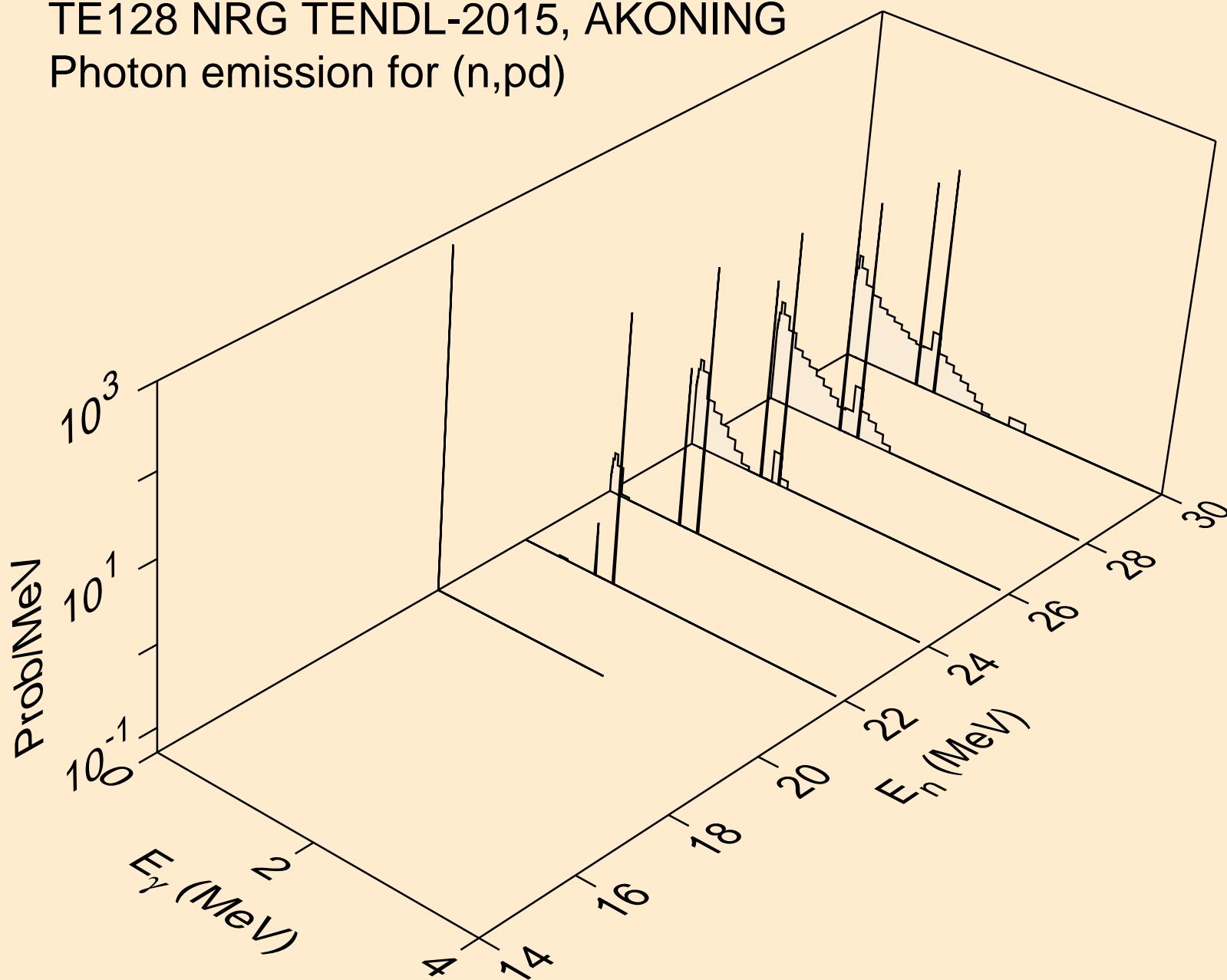
TE128 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



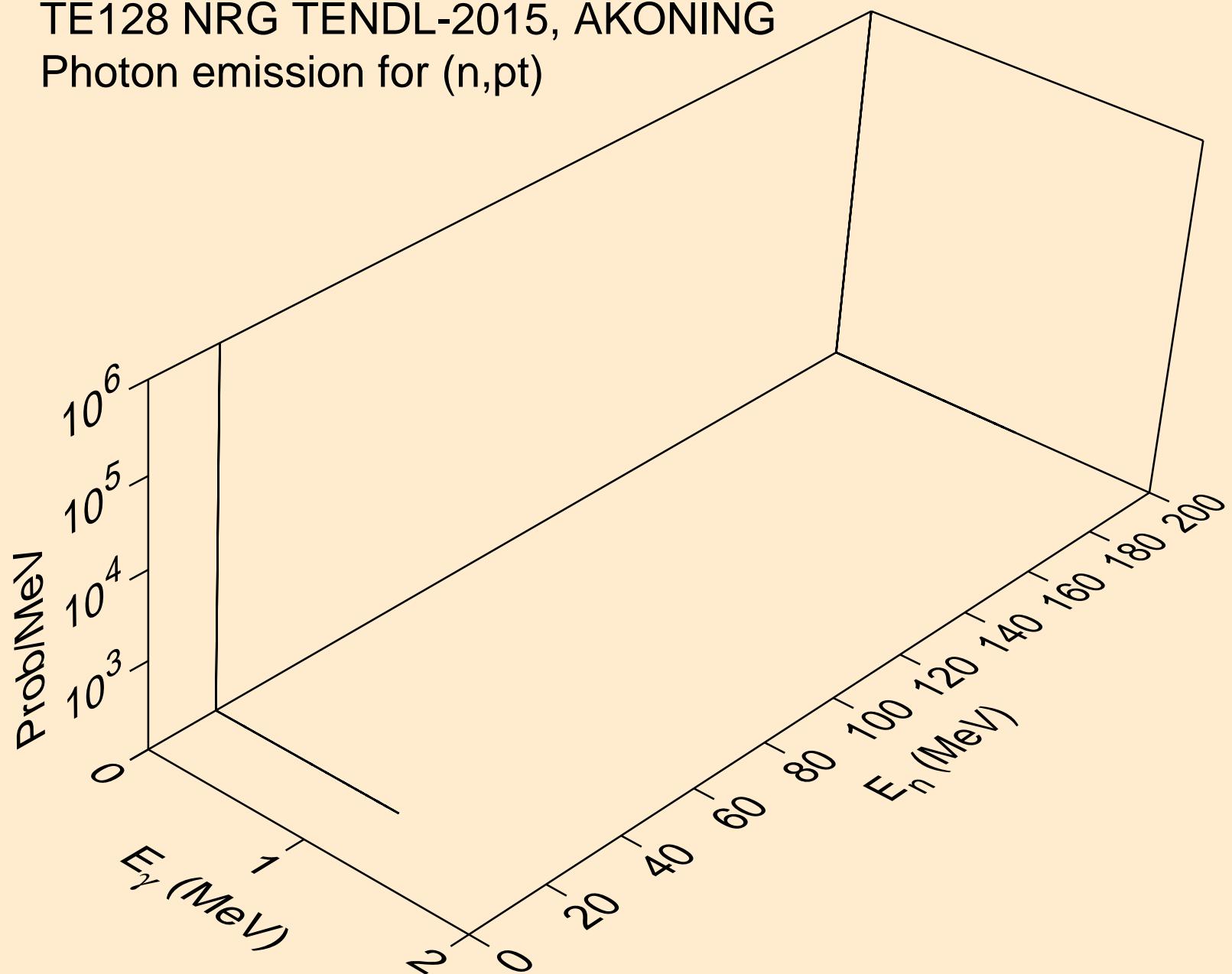
TE128 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



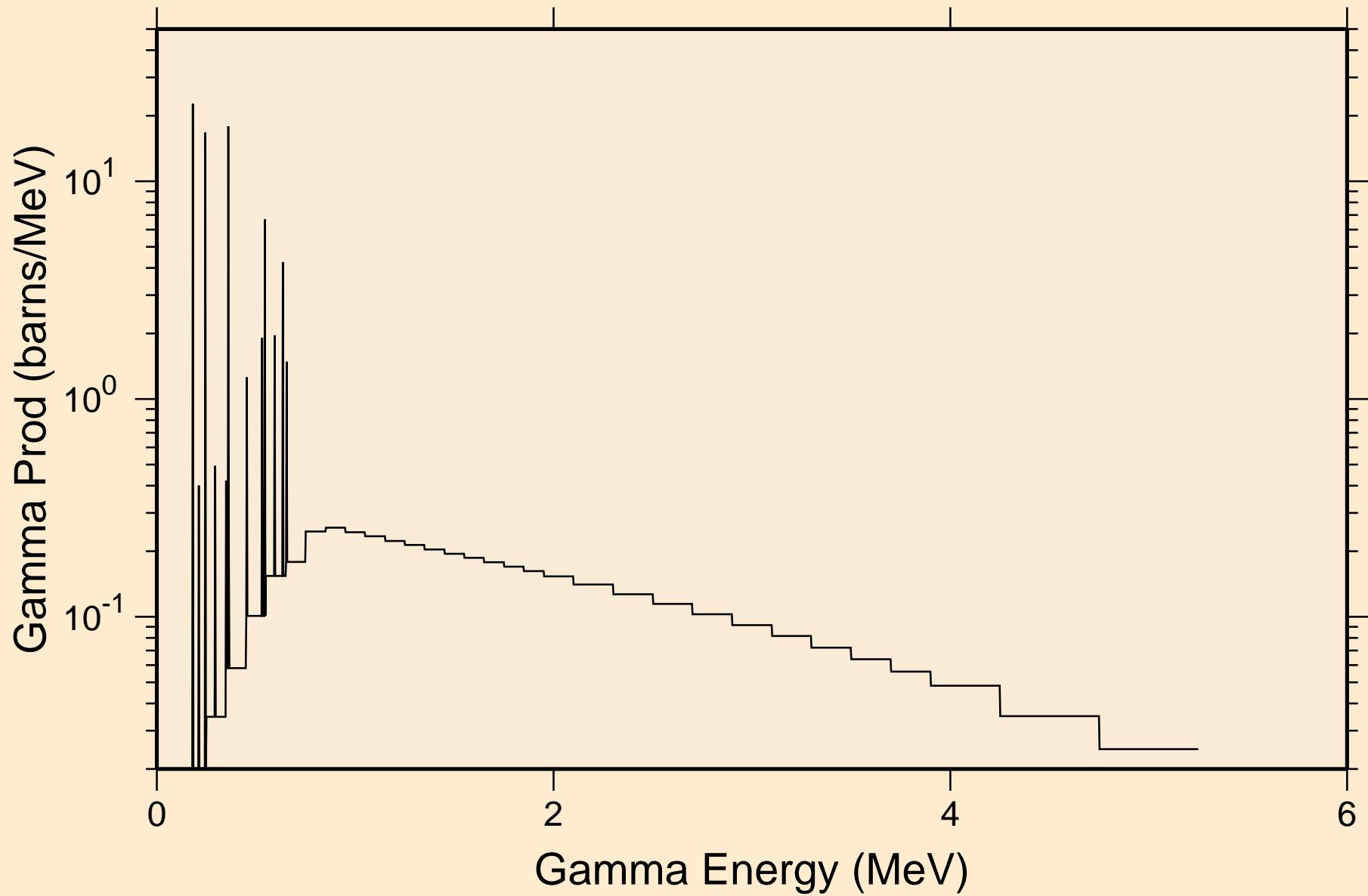
TE128 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



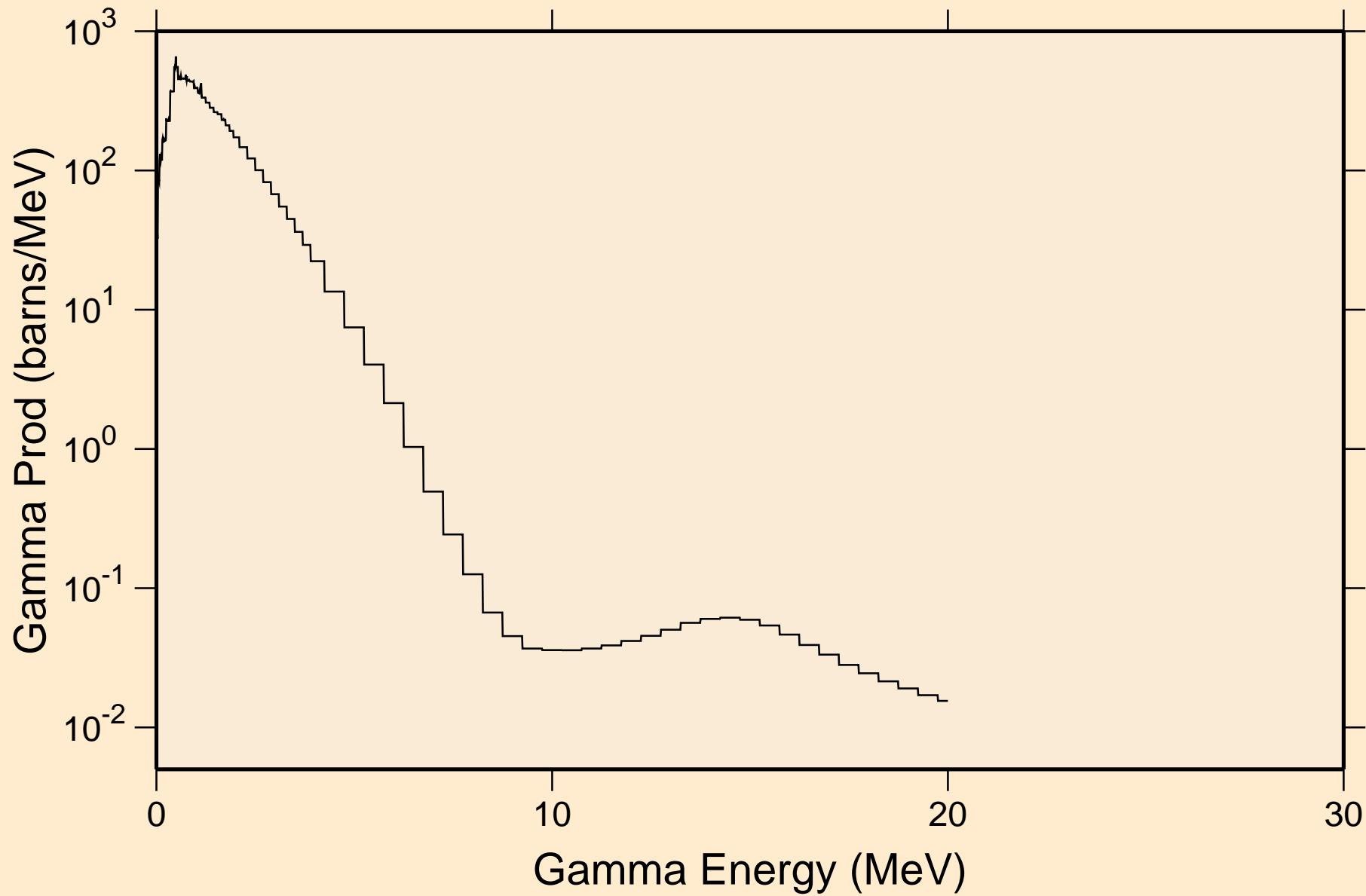
TE128 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



TE128 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

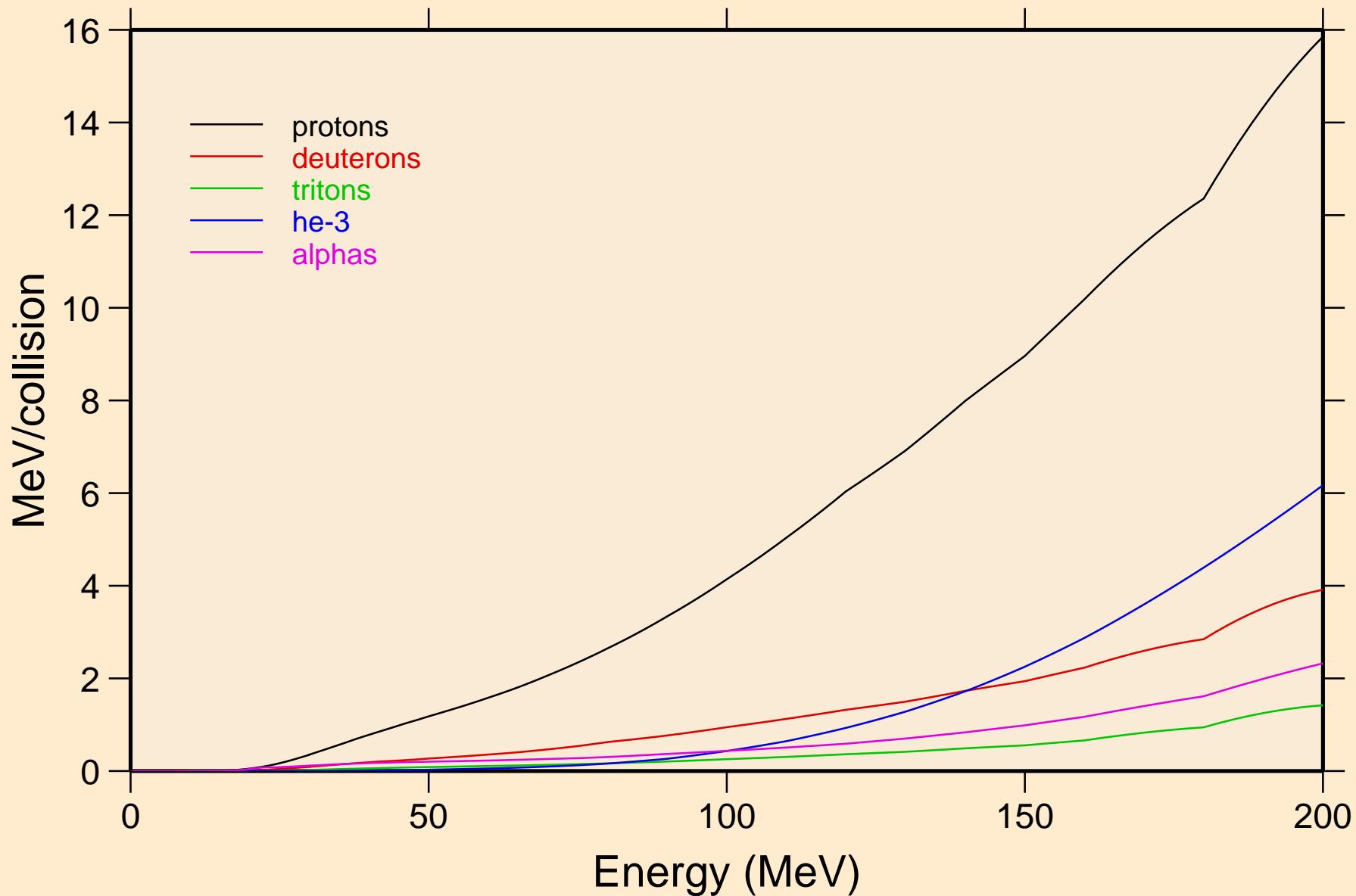


TE128 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



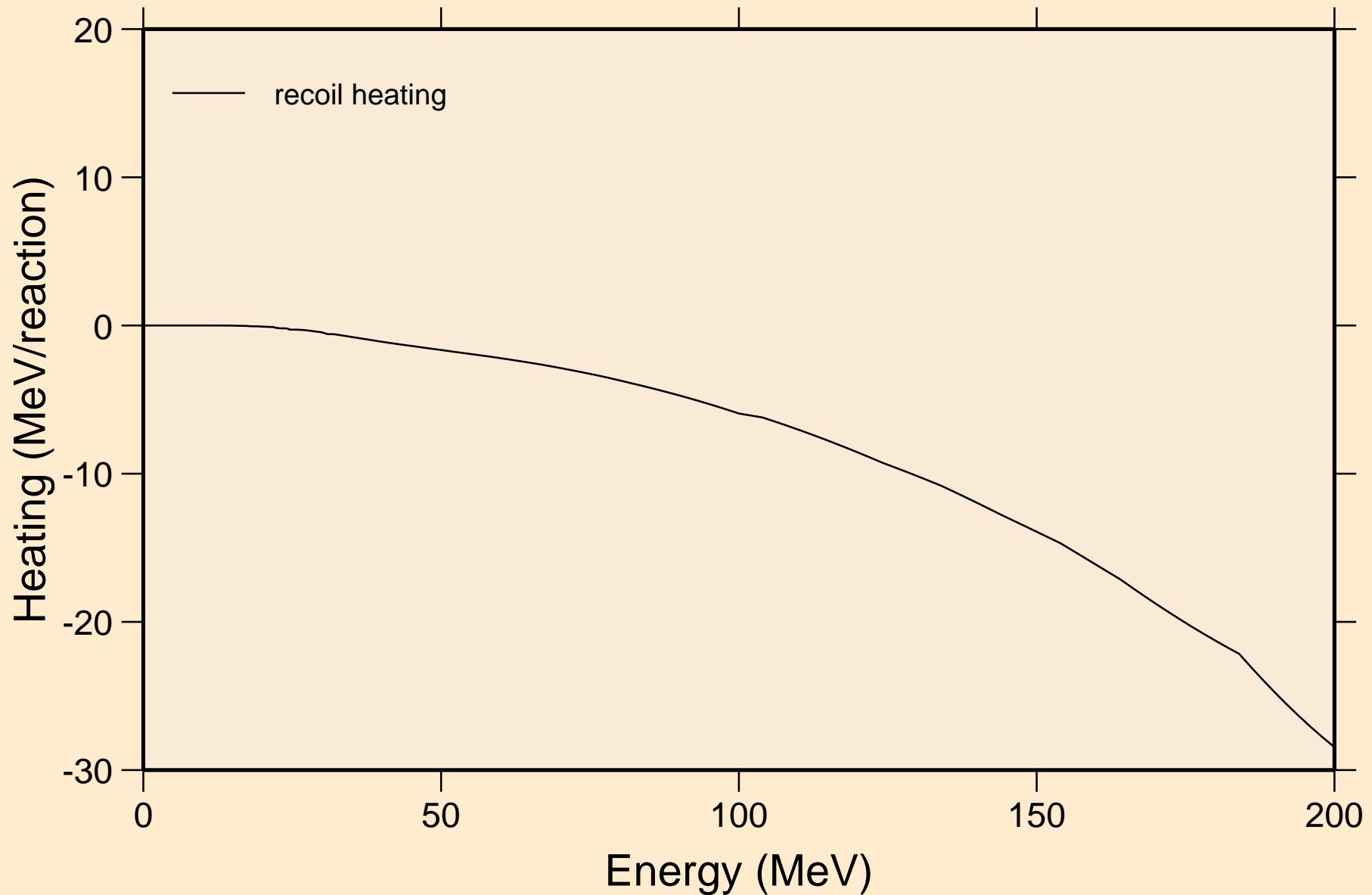
# TE128 NRG TENDL-2015, AKONING

## Particle heating contributions



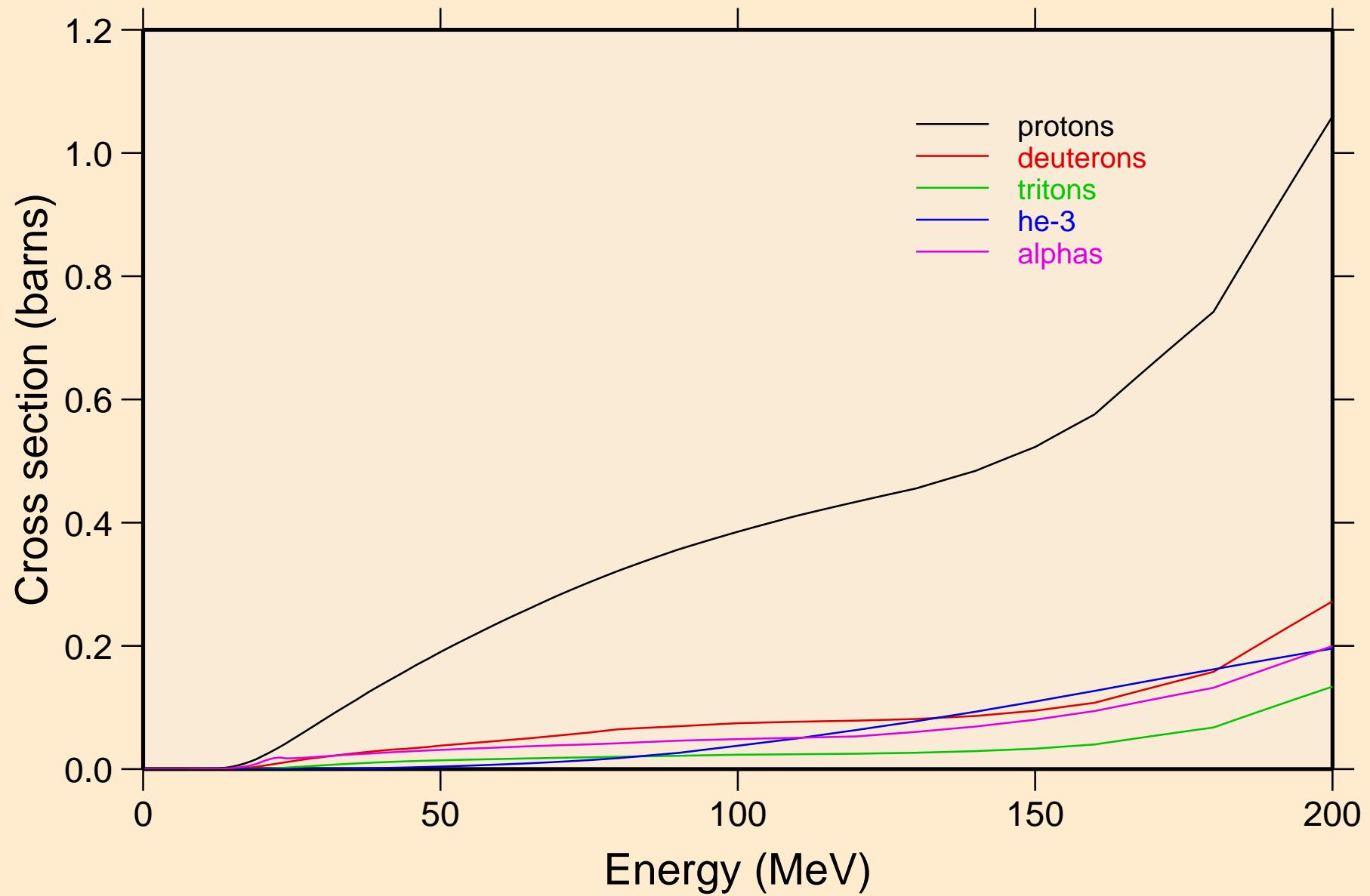
# TE128 NRG TENDL-2015, AKONING

## Recoil Heating

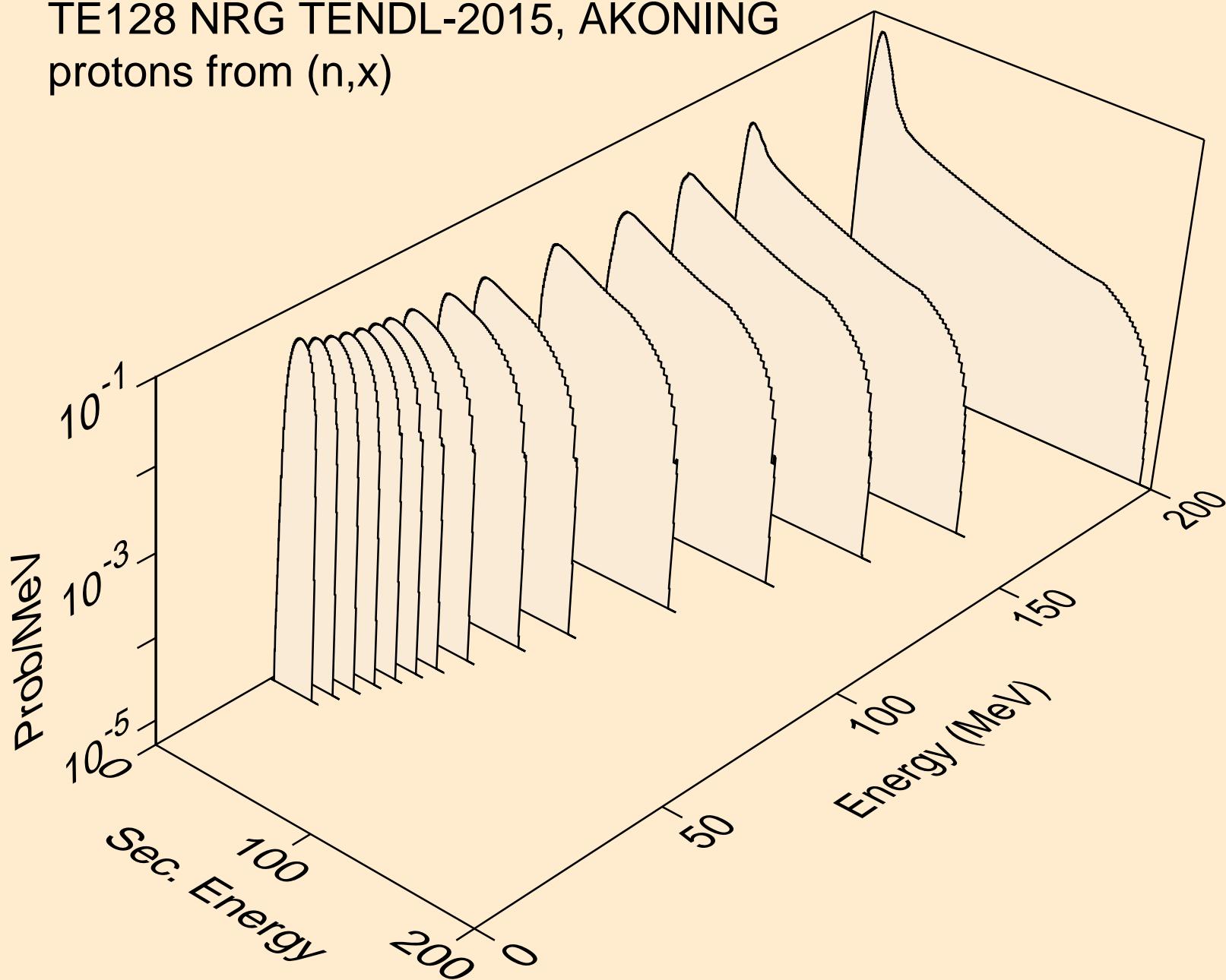


# TE128 NRG TENDL-2015, AKONING

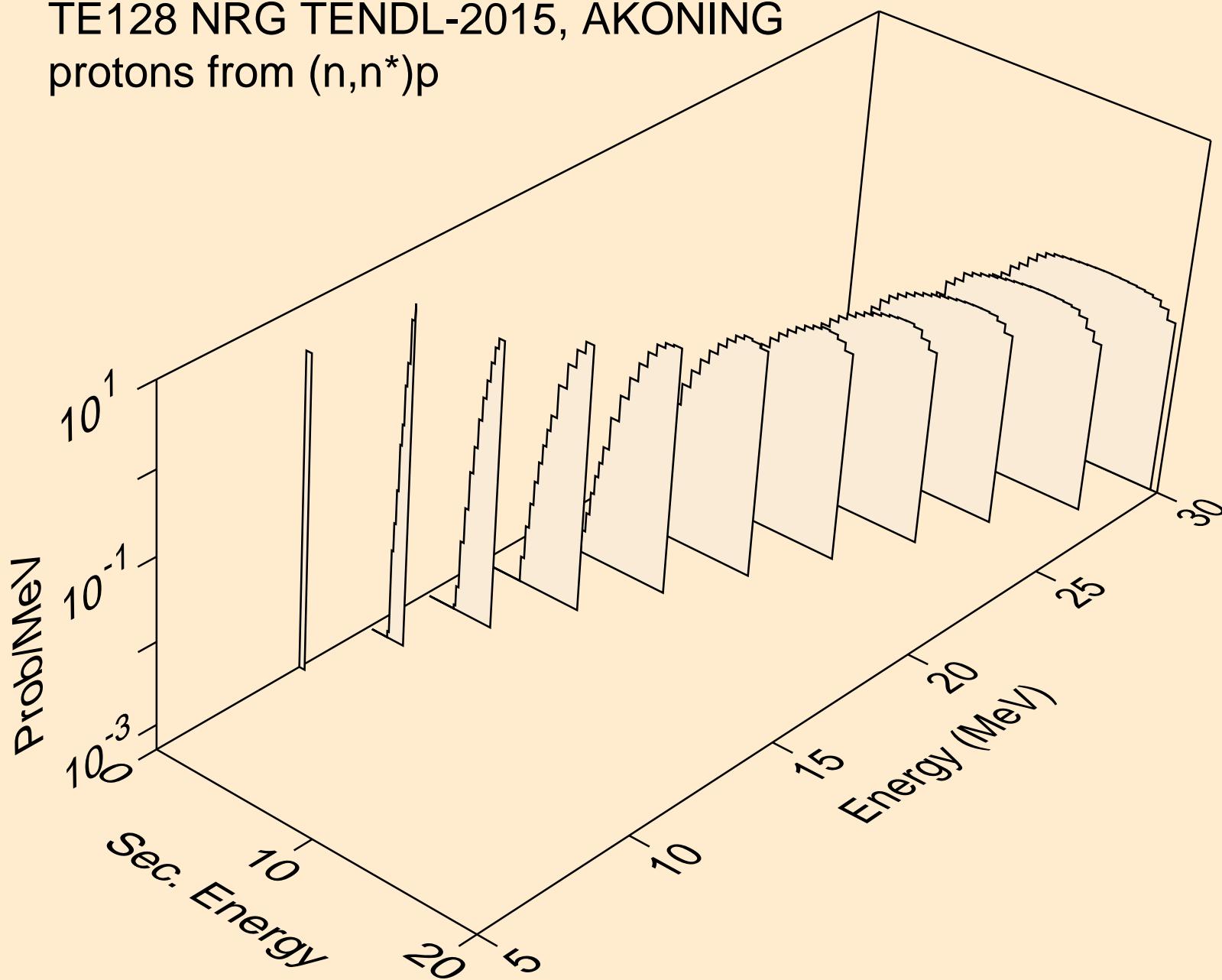
## Particle production cross sections



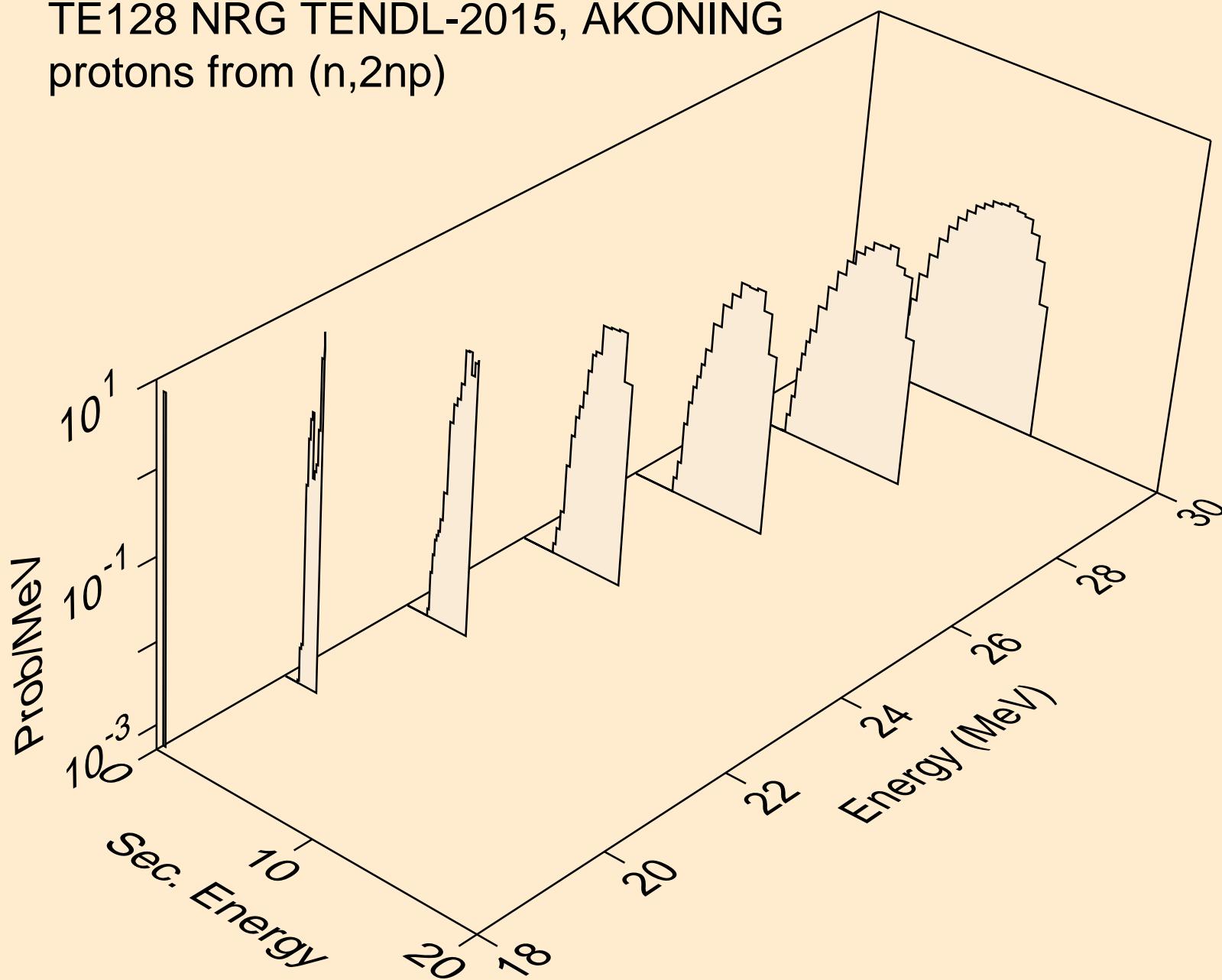
TE128 NRG TENDL-2015, AKONING  
protons from ( $n, x$ )



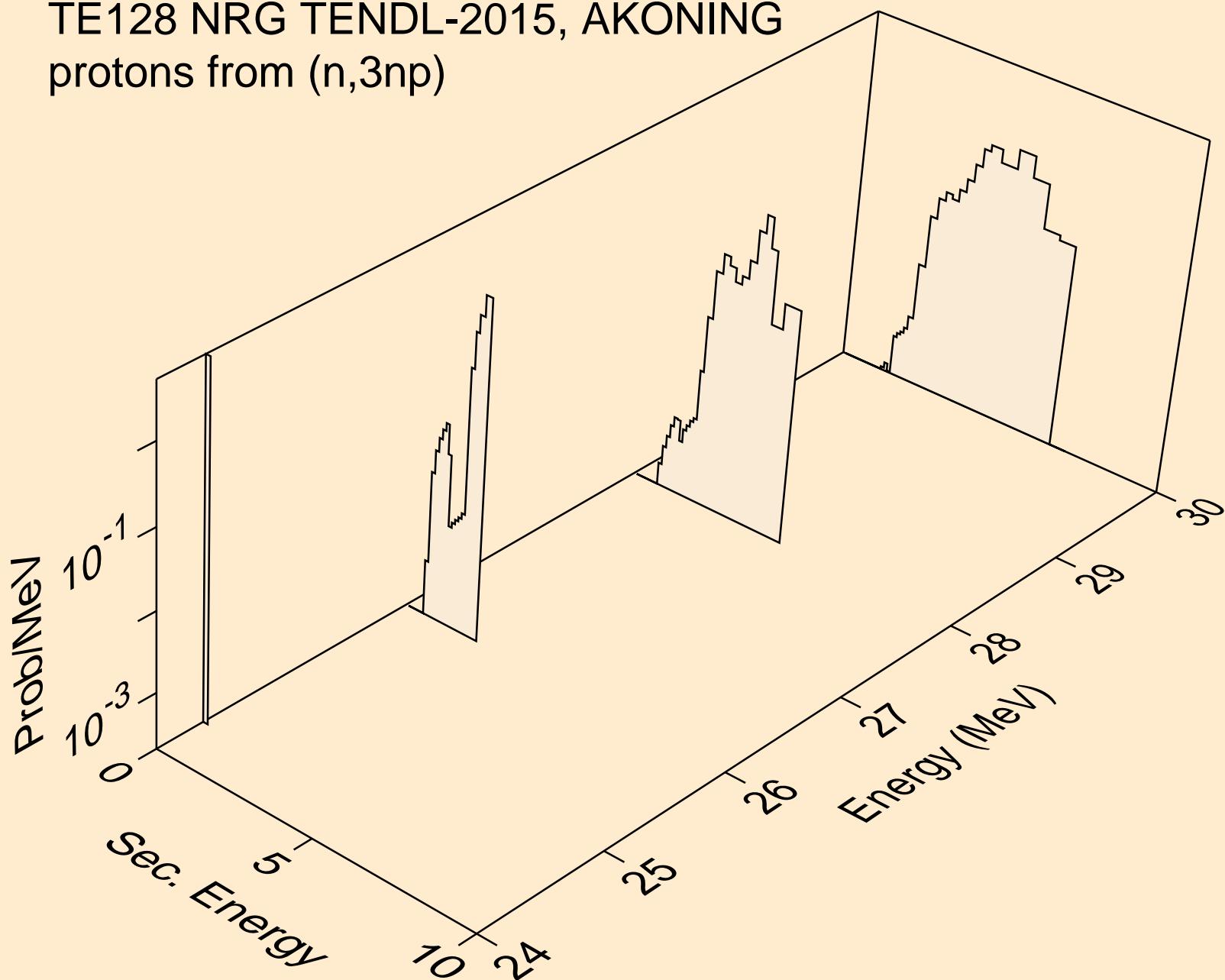
TE128 NRG TENDL-2015, AKONING  
protons from  $(n,n^*)p$



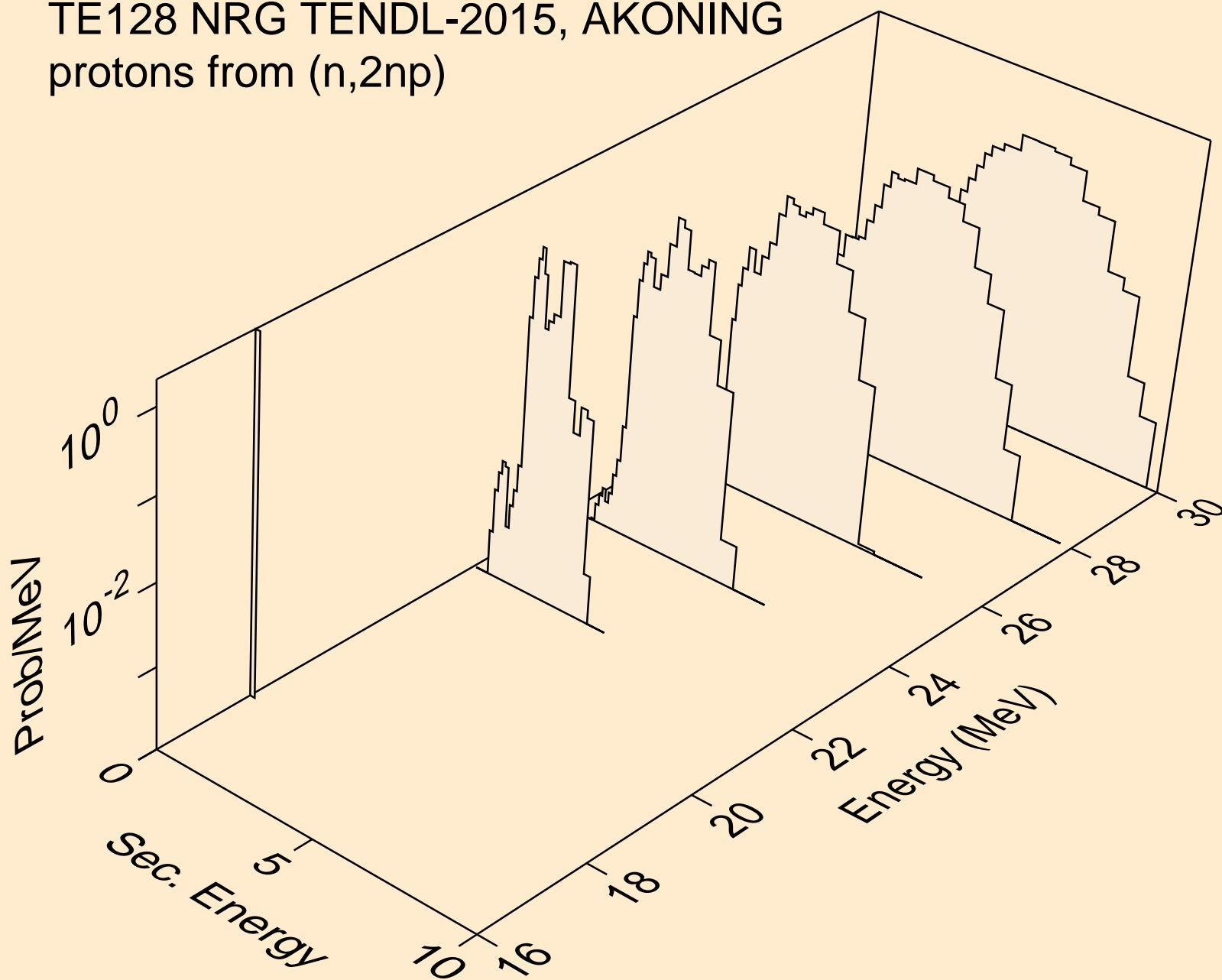
TE128 NRG TENDL-2015, AKONING  
protons from ( $n,2np$ )



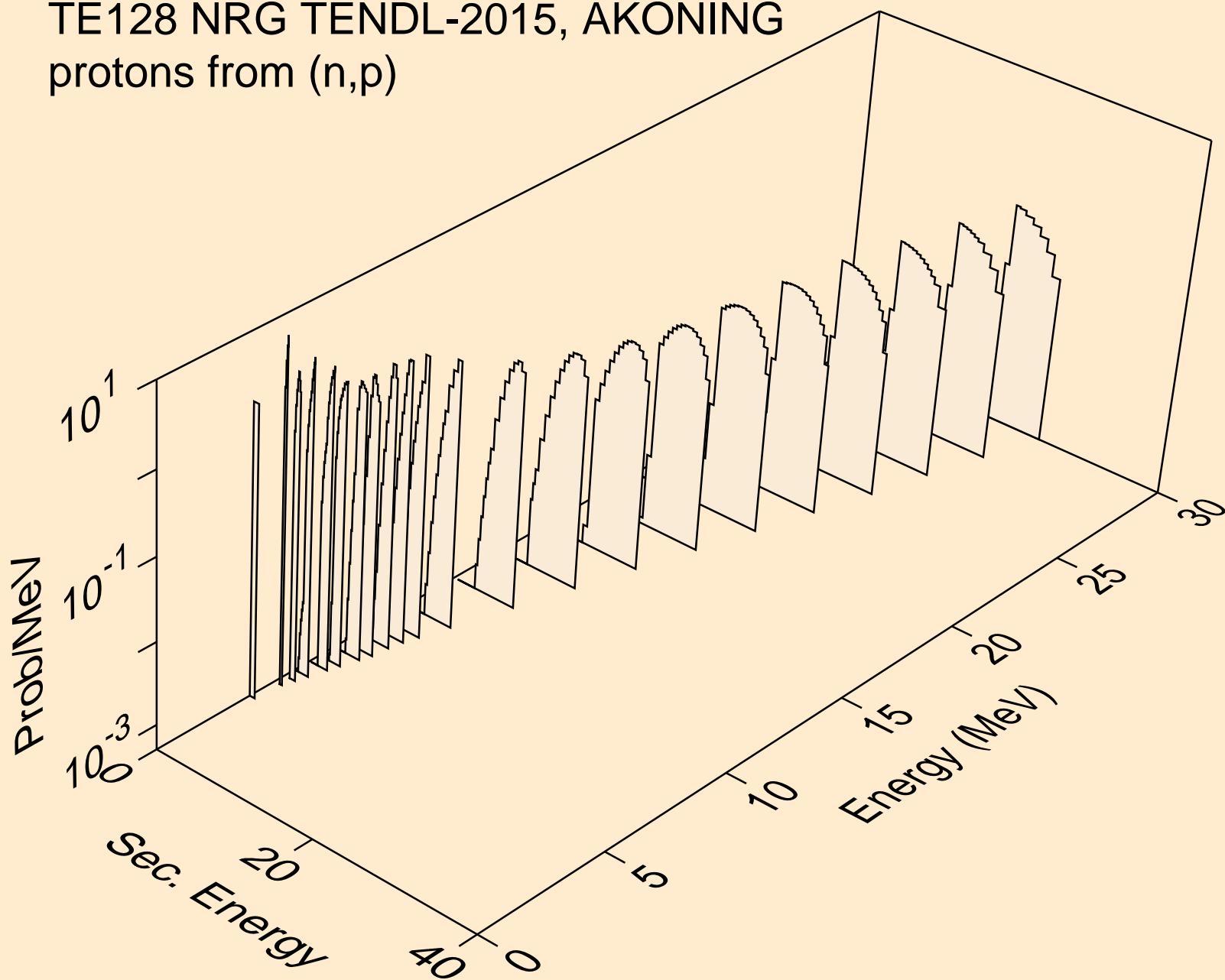
TE128 NRG TENDL-2015, AKONING  
protons from ( $n,3np$ )



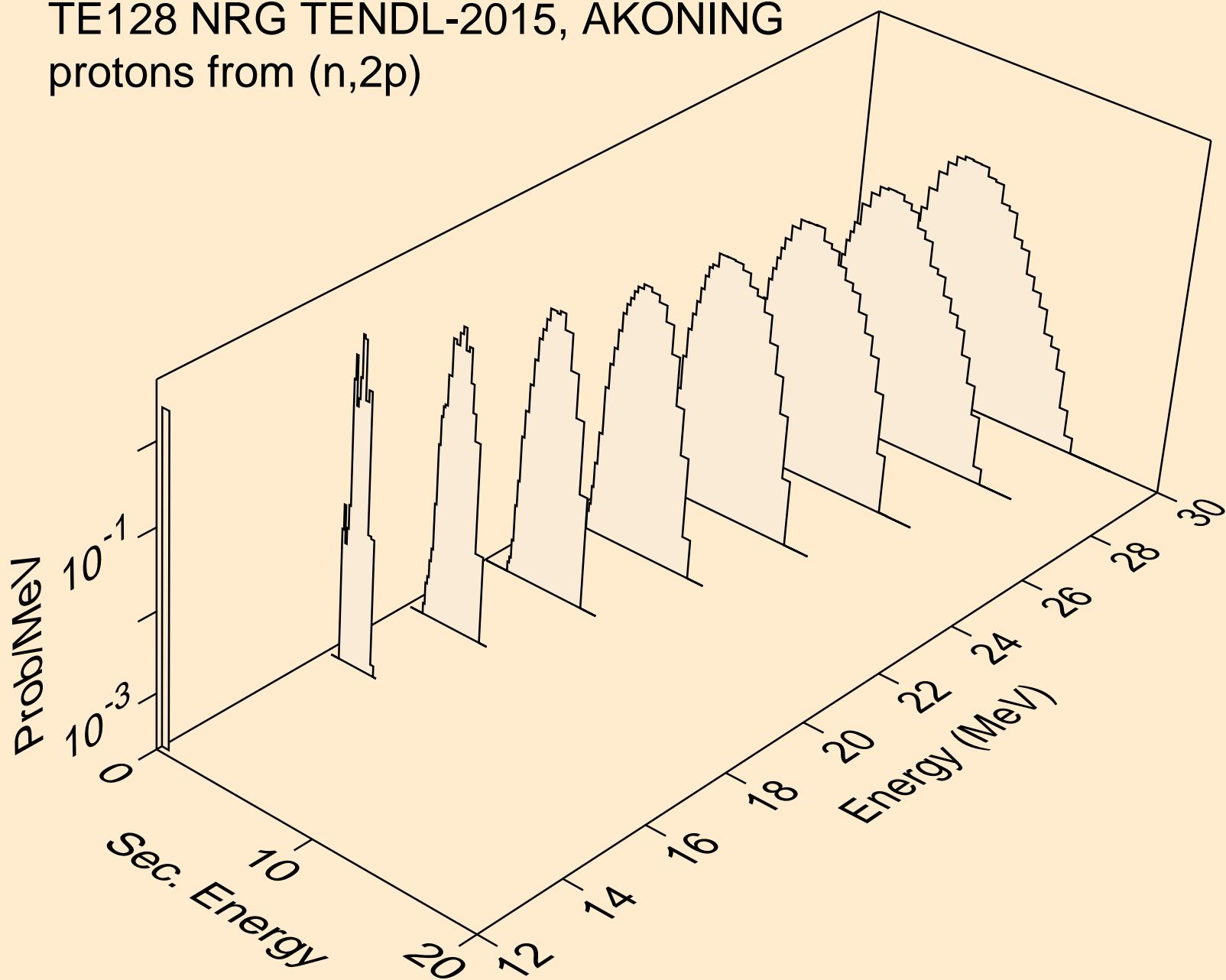
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protons from ( $n,2np$ )



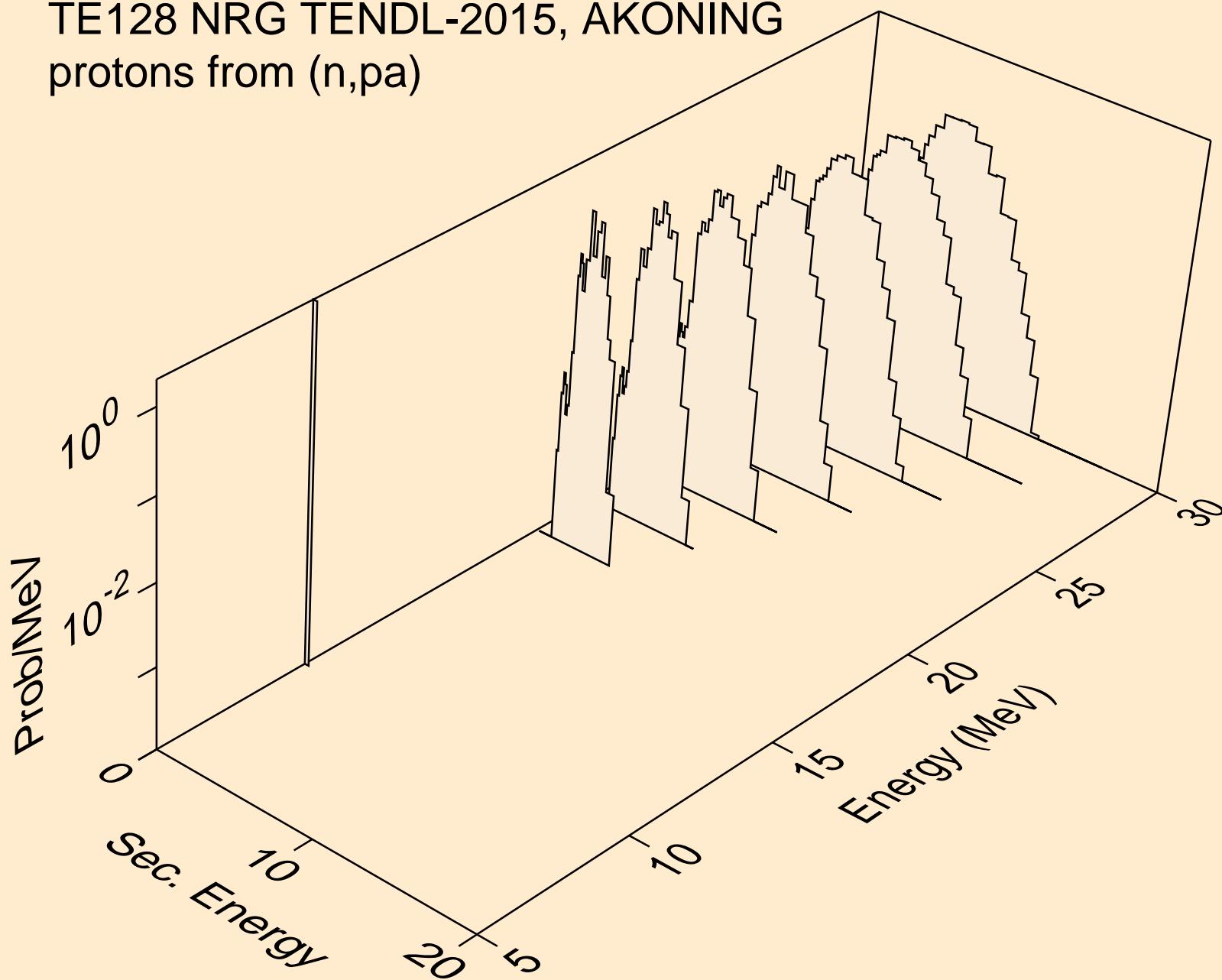
TE128 NRG TENDL-2015, AKONING  
protons from ( $n,p$ )



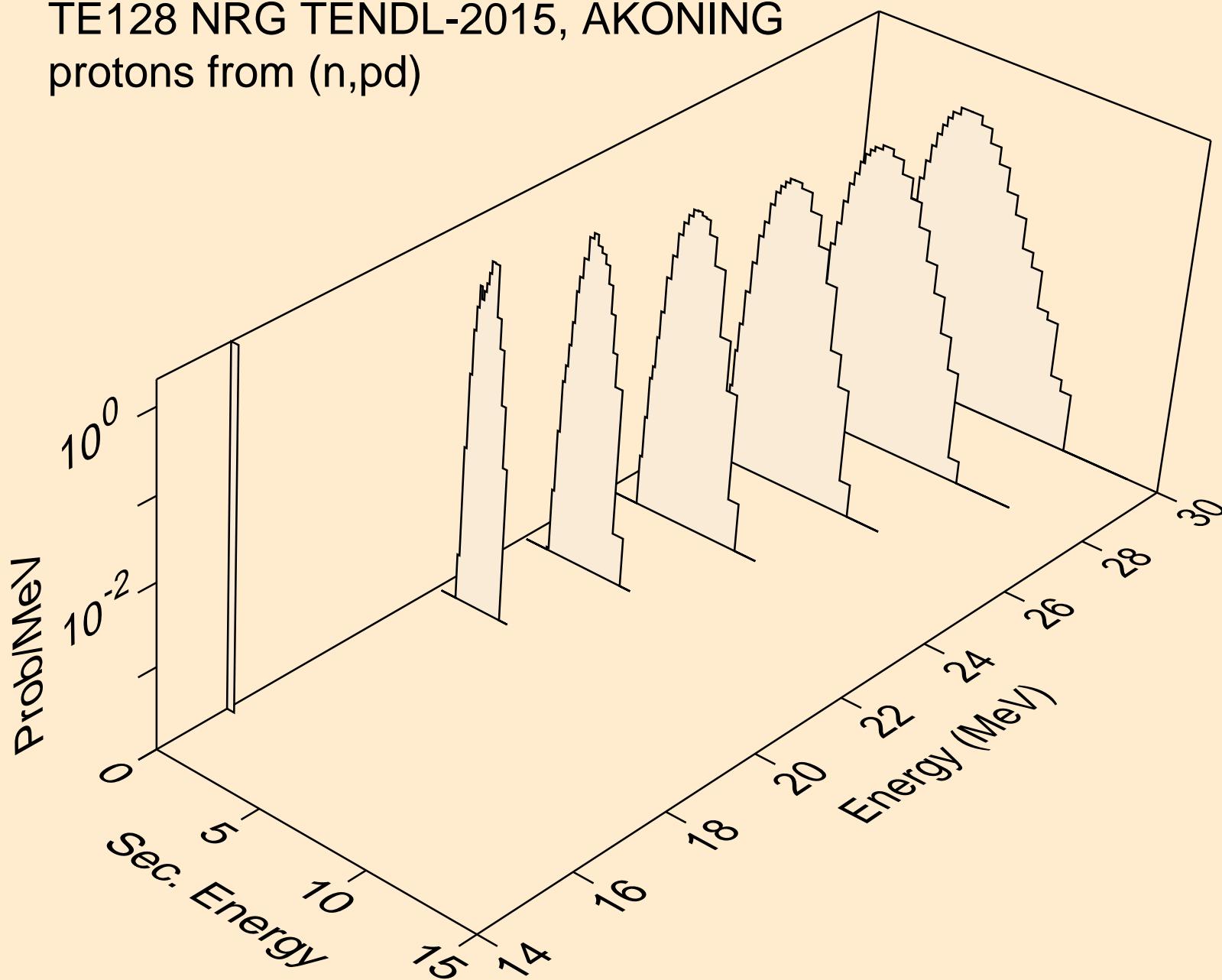
TE128 NRG TENDL-2015, AKONING  
protons from ( $n,2p$ )



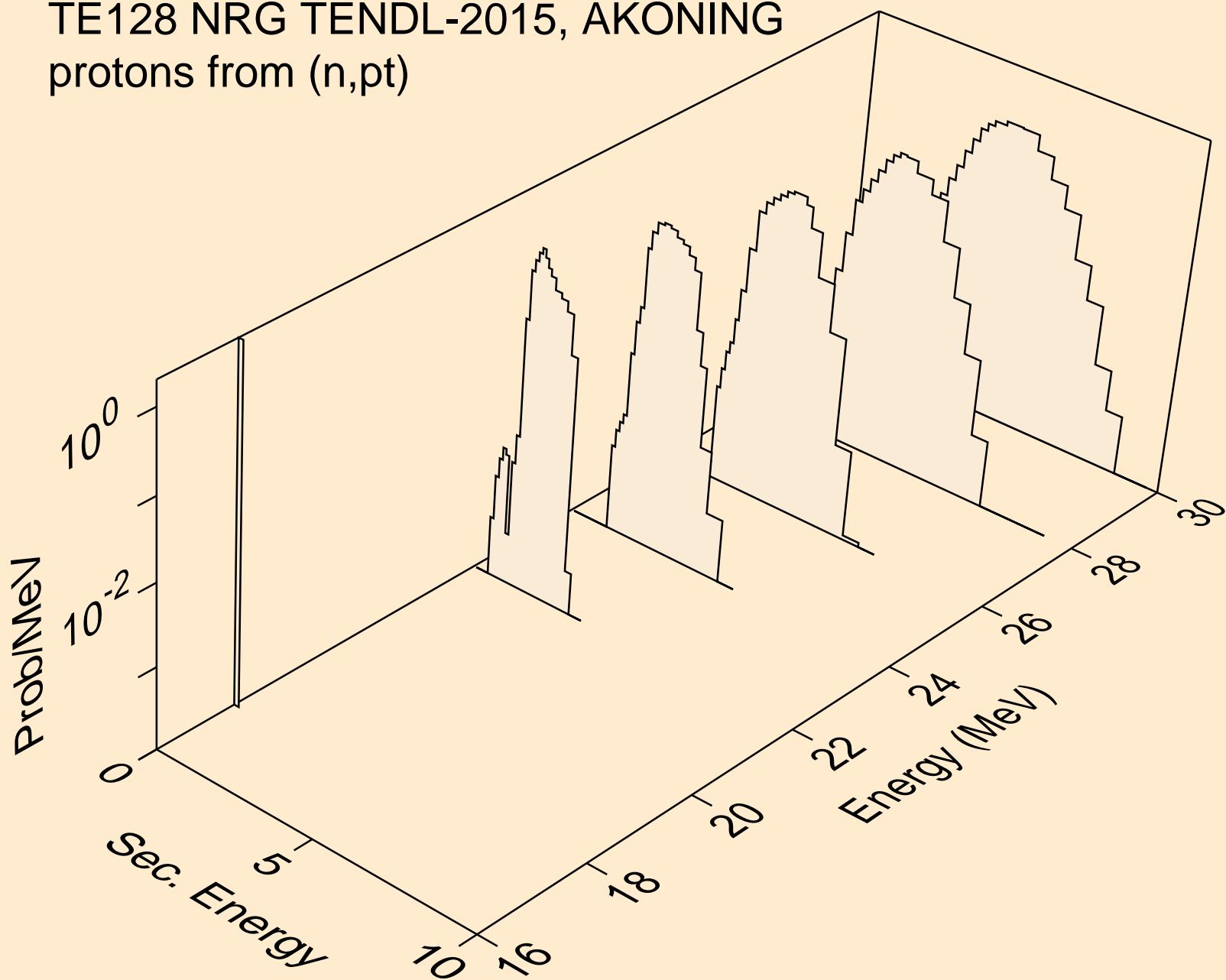
TE128 NRG TENDL-2015, AKONING  
protons from (n,pa)



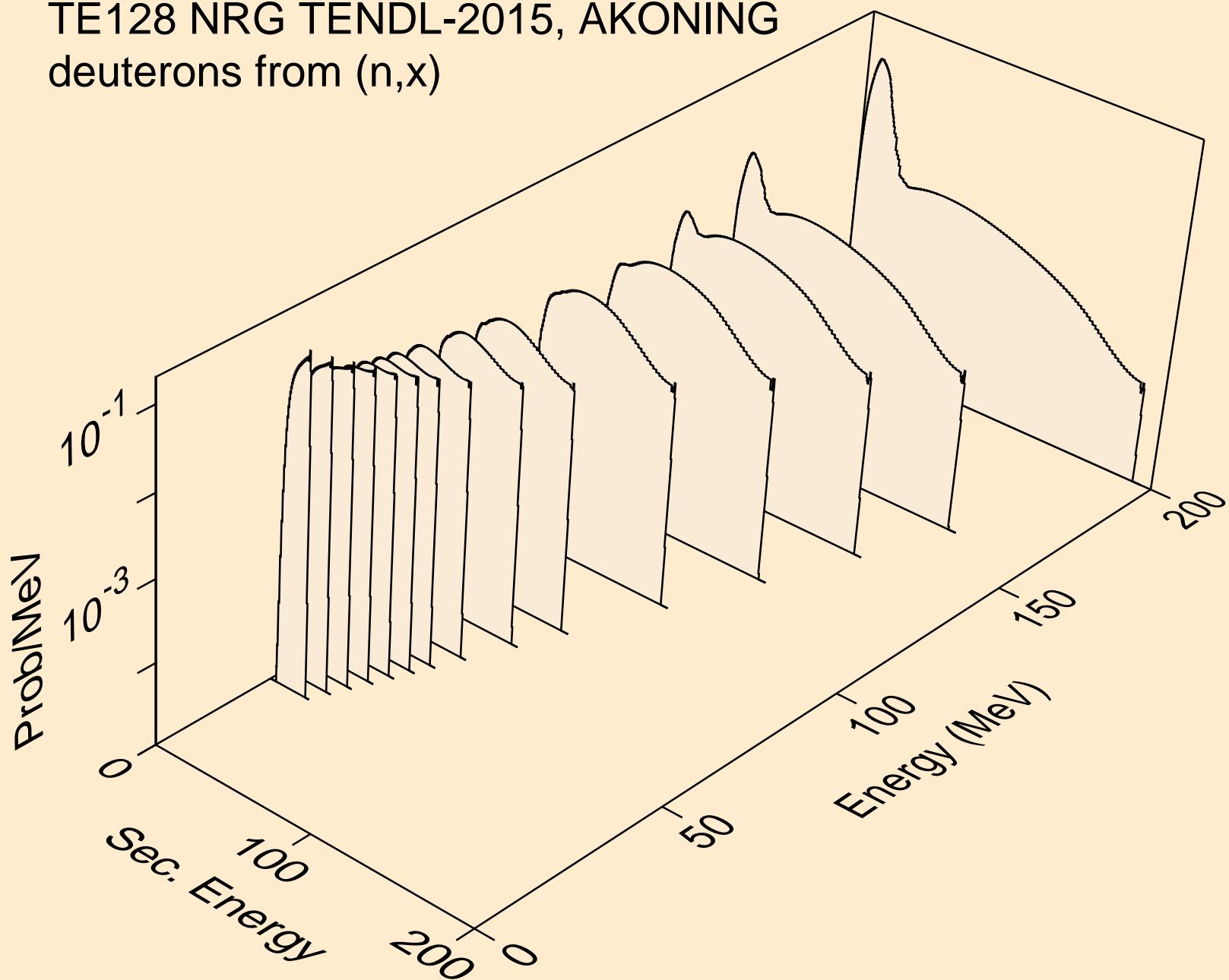
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protons from (n,pd)



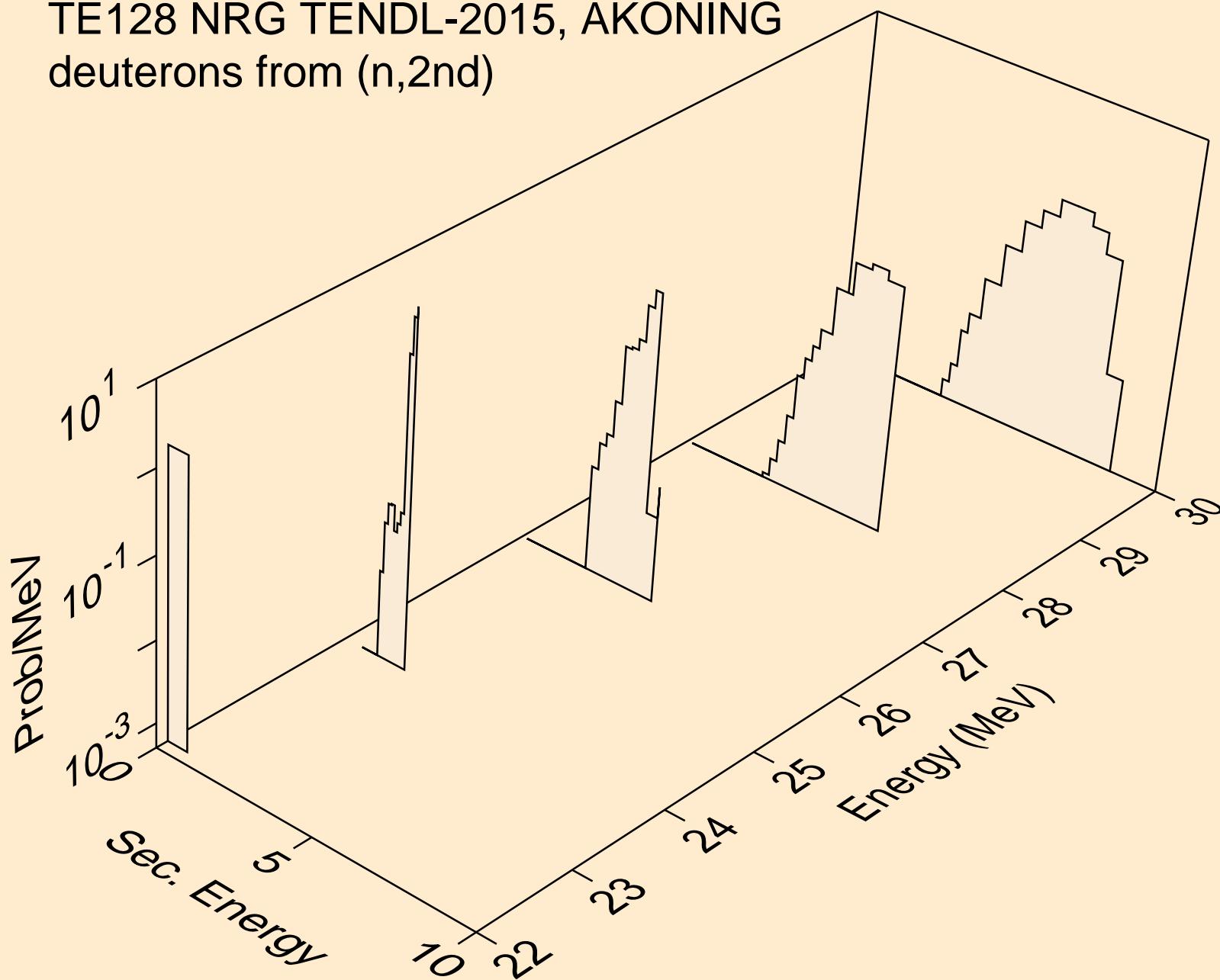
TE128 NRG TENDL-2015, AKONING  
protons from (n,pt)



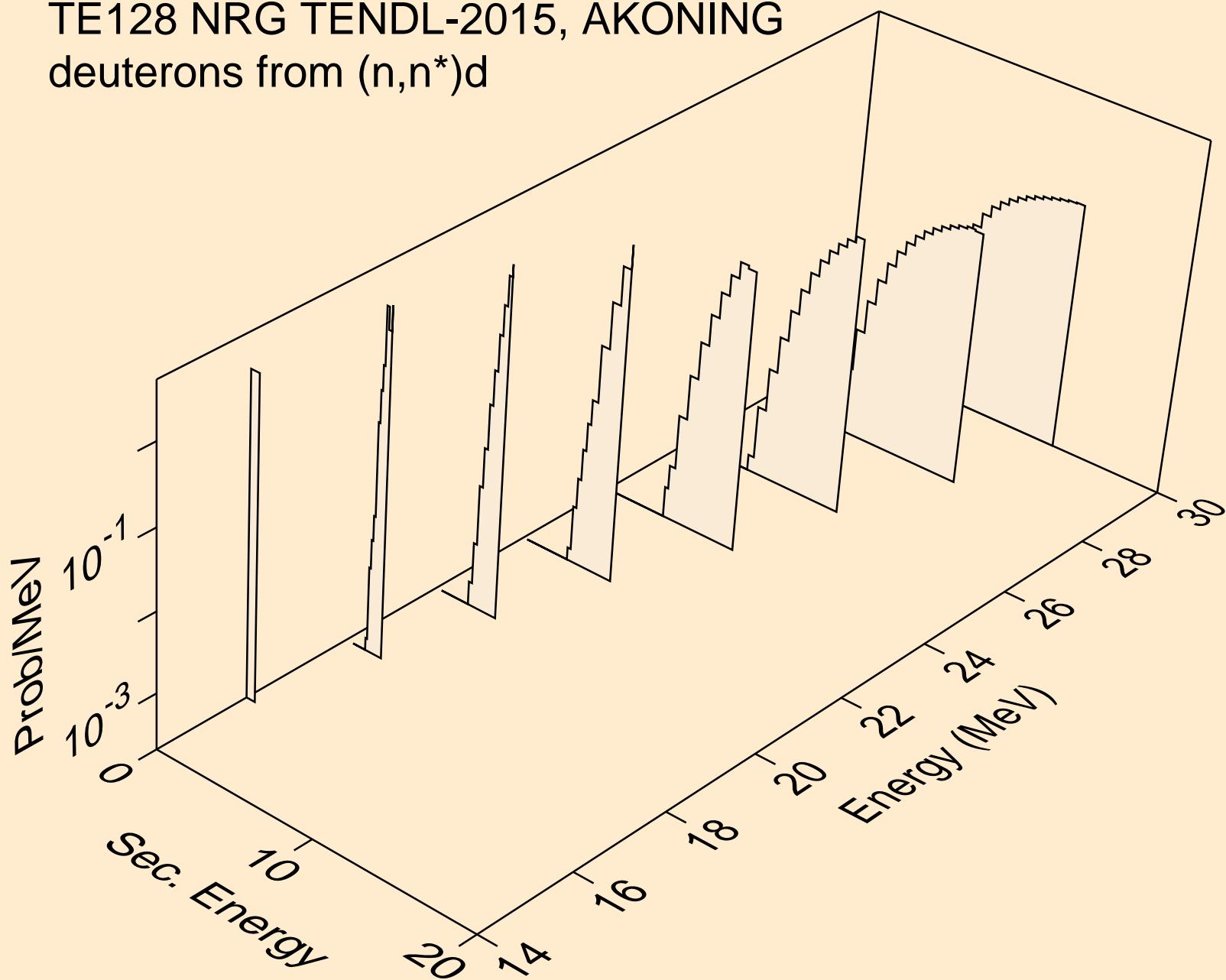
TE128 NRG TENDL-2015, AKONING  
deuterons from ( $n, x$ )



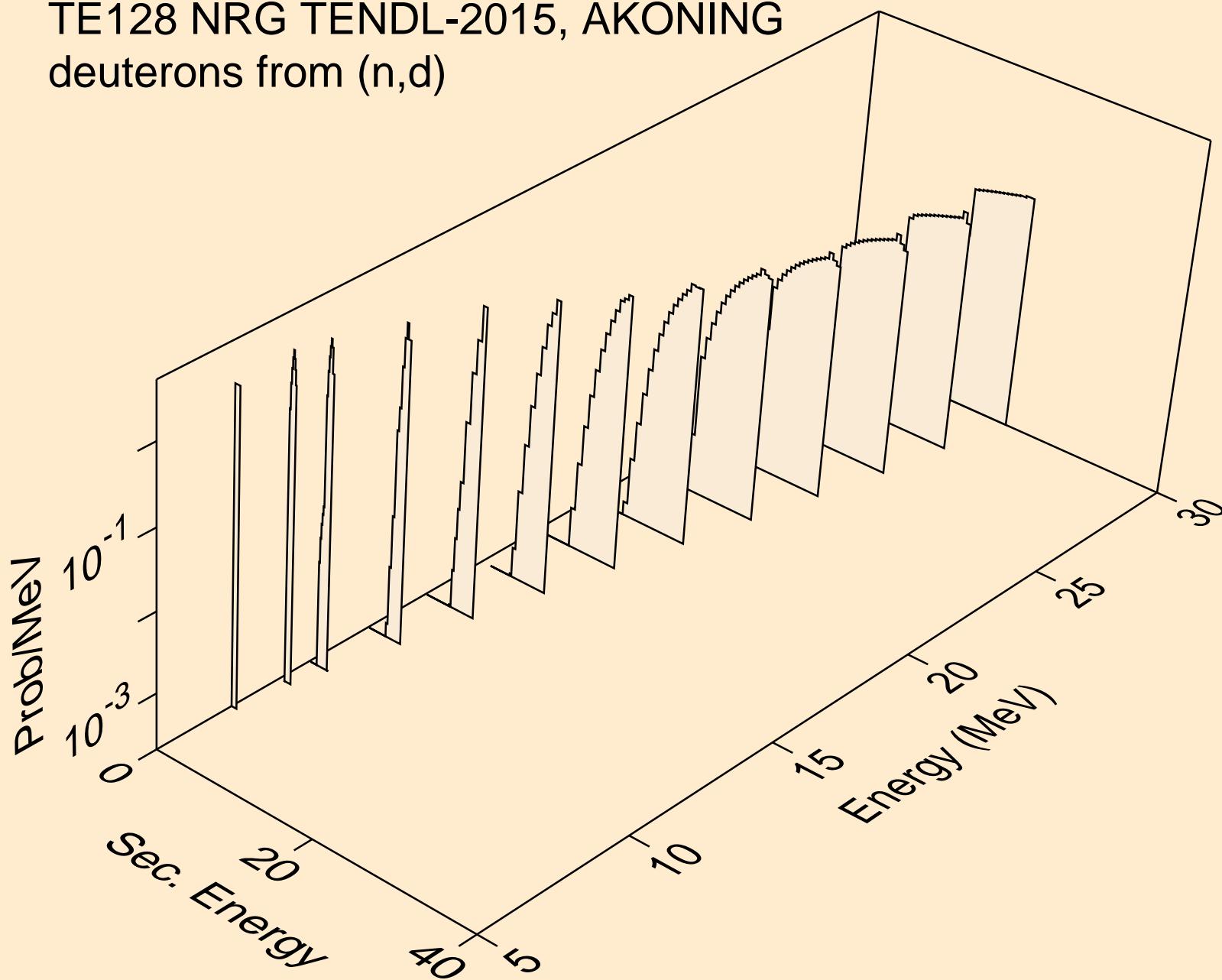
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deuterons from ( $n,2nd$ )



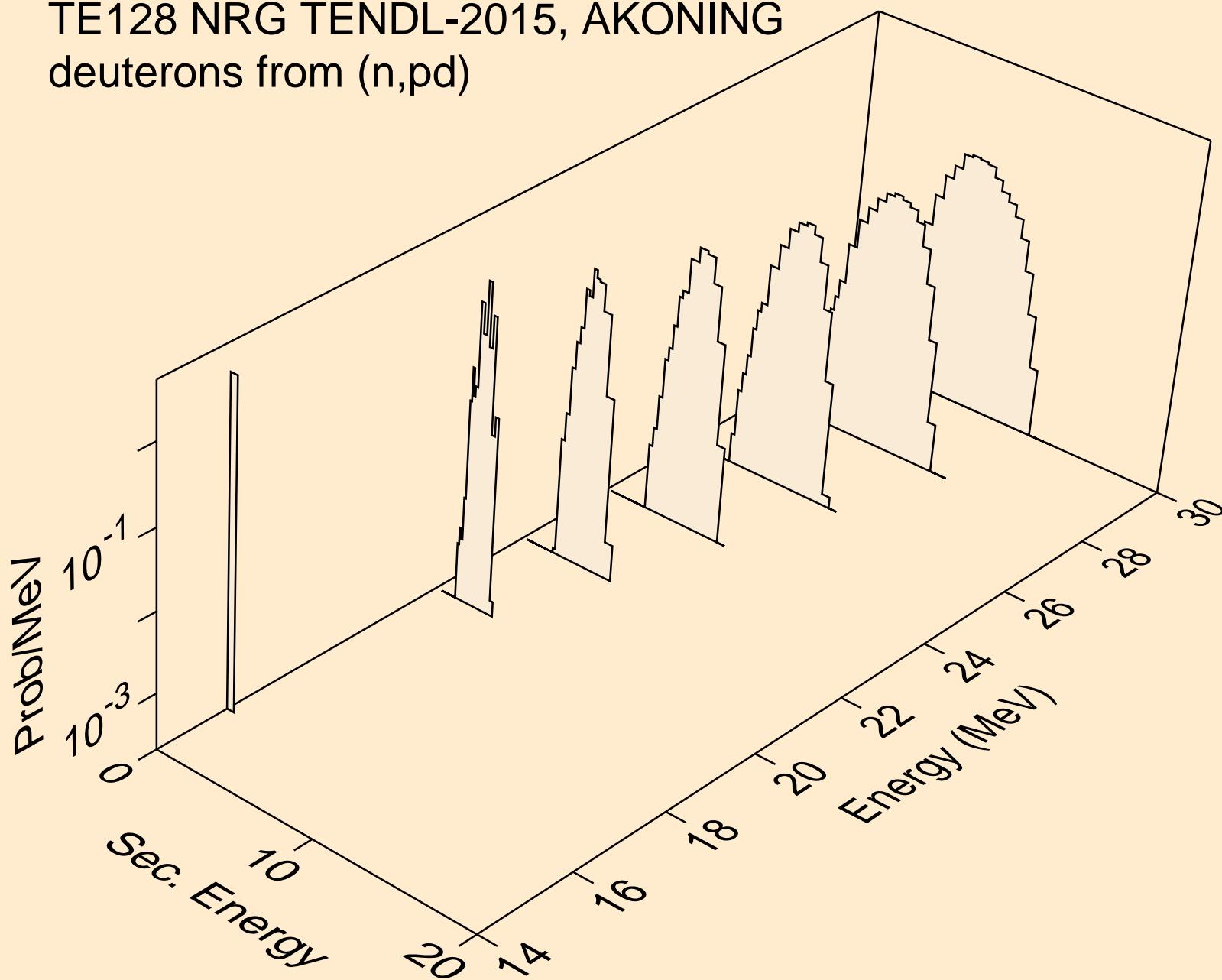
TE128 NRG TENDL-2015, AKONING  
deuterons from ( $n, n^*$ )d



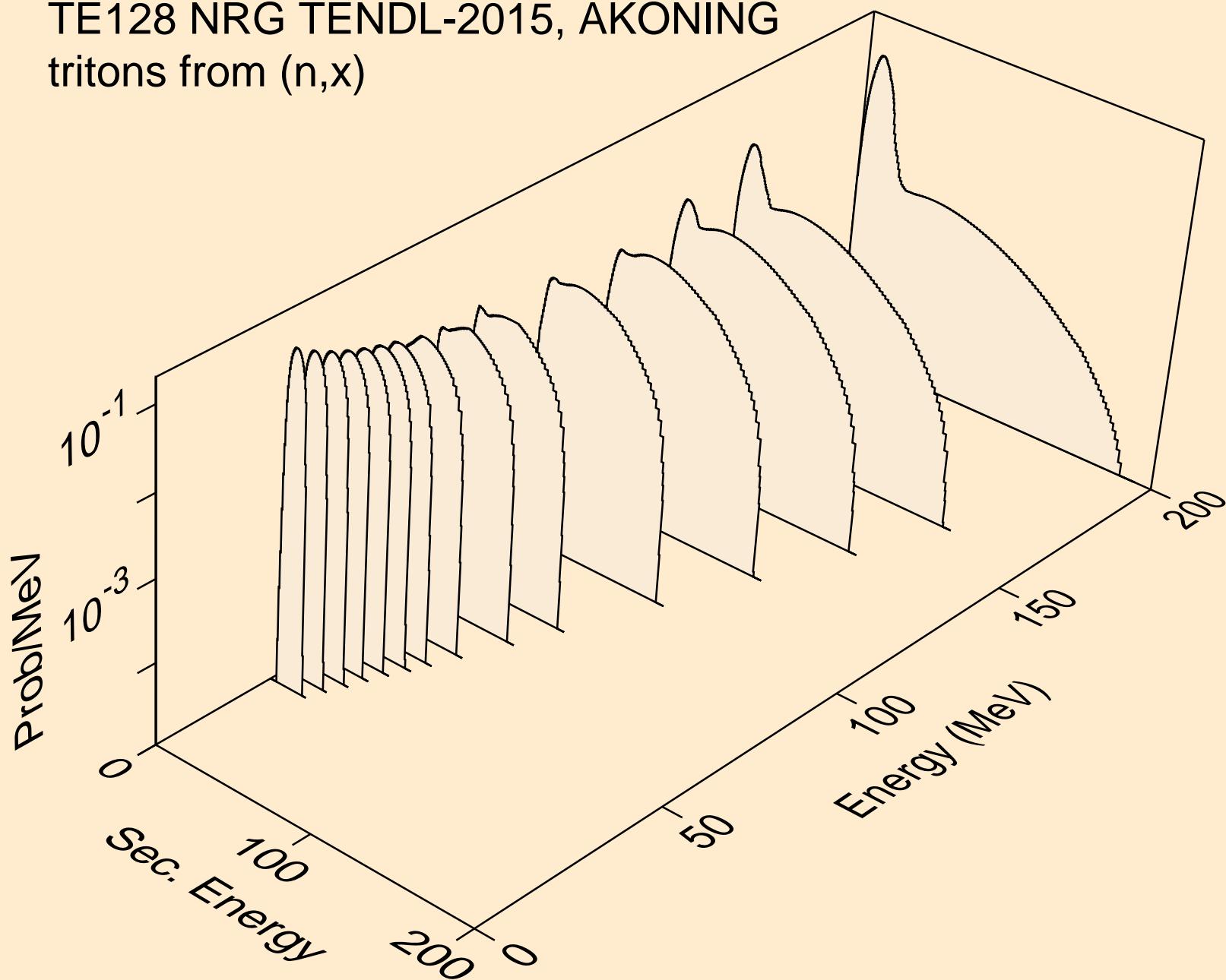
TE128 NRG TENDL-2015, AKONING  
deuterons from ( $n, d$ )



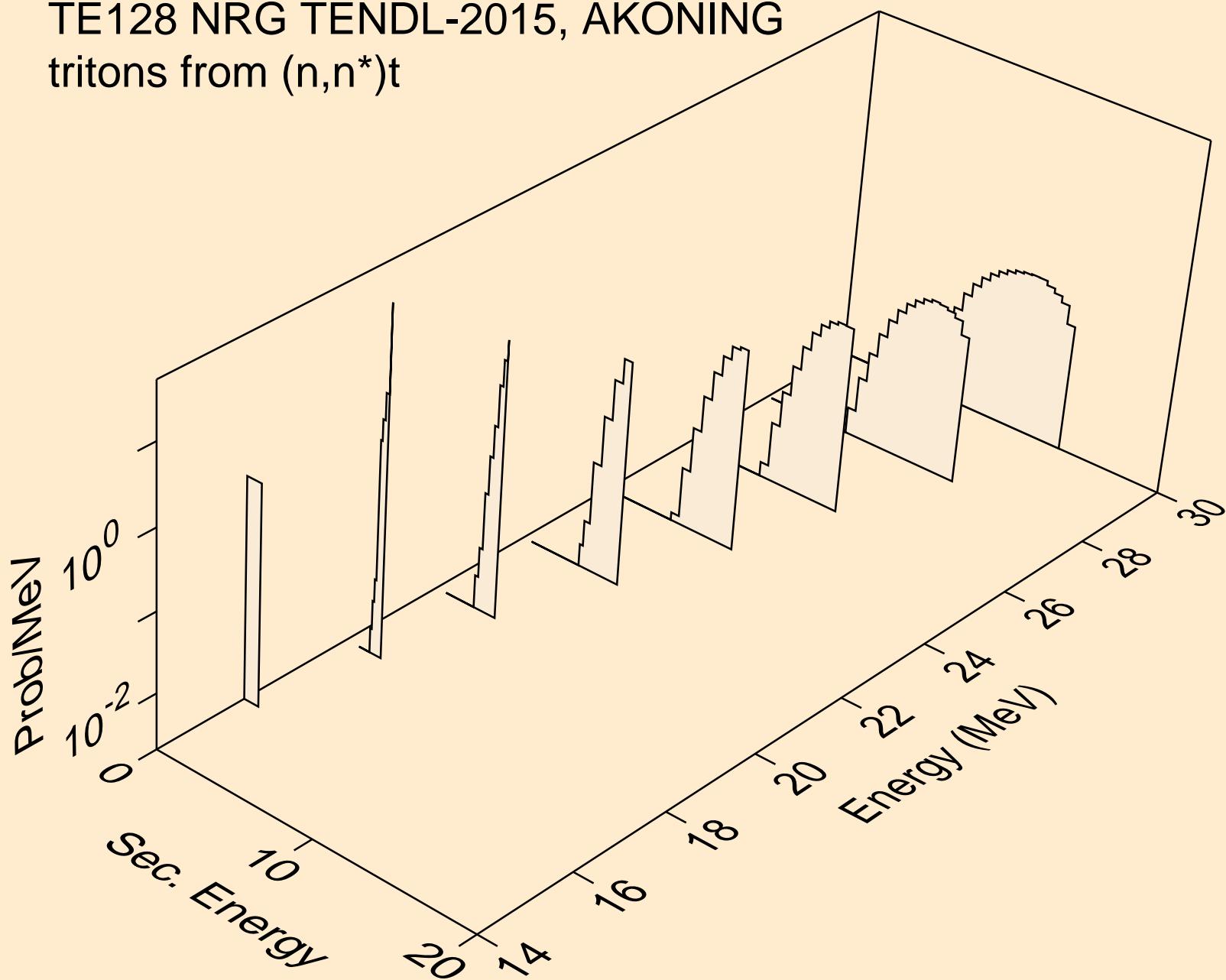
TE128 NRG TENDL-2015, AKONING  
deuterons from ( $n, pd$ )



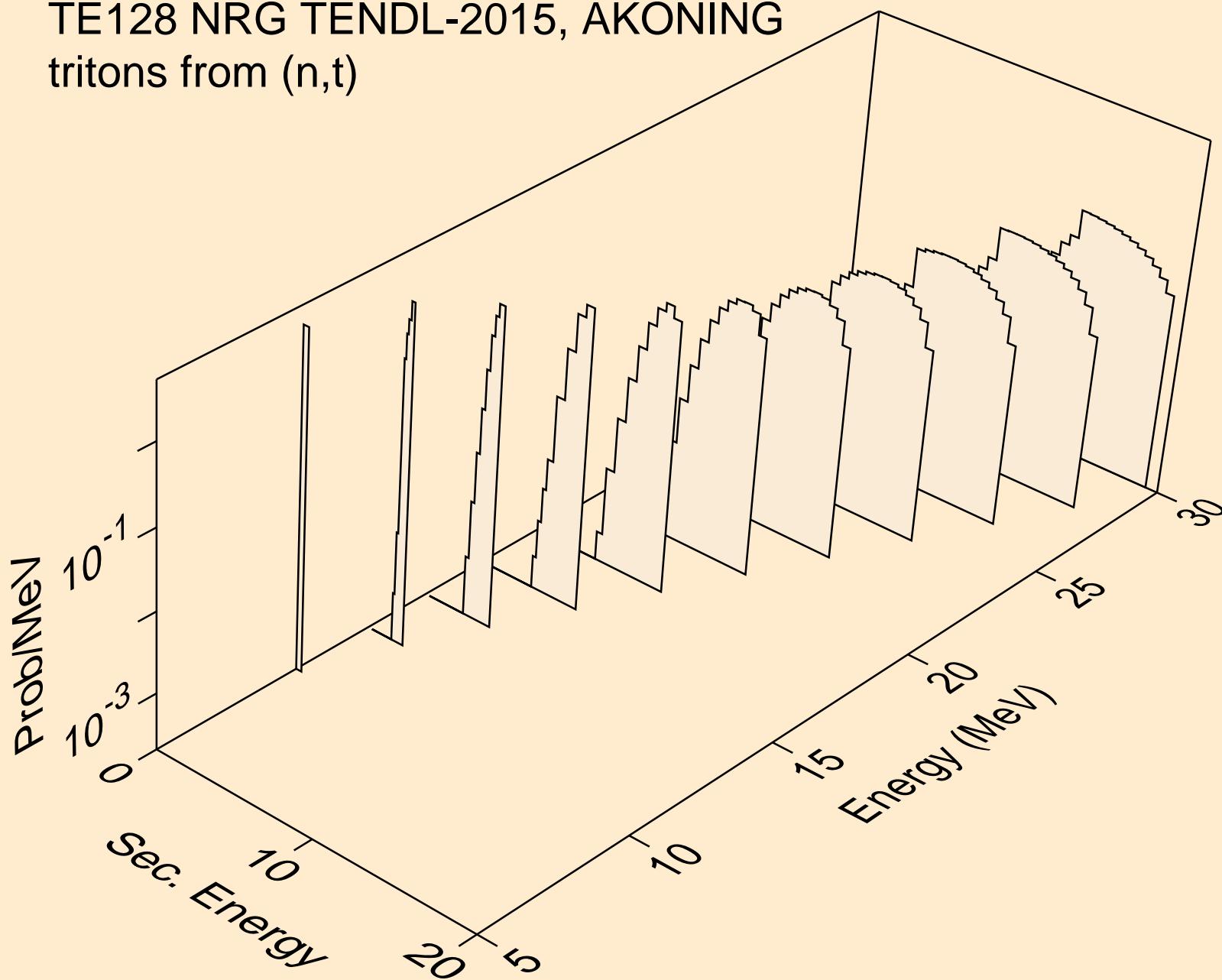
TE128 NRG TENDL-2015, AKONING  
tritons from ( $n,x$ )



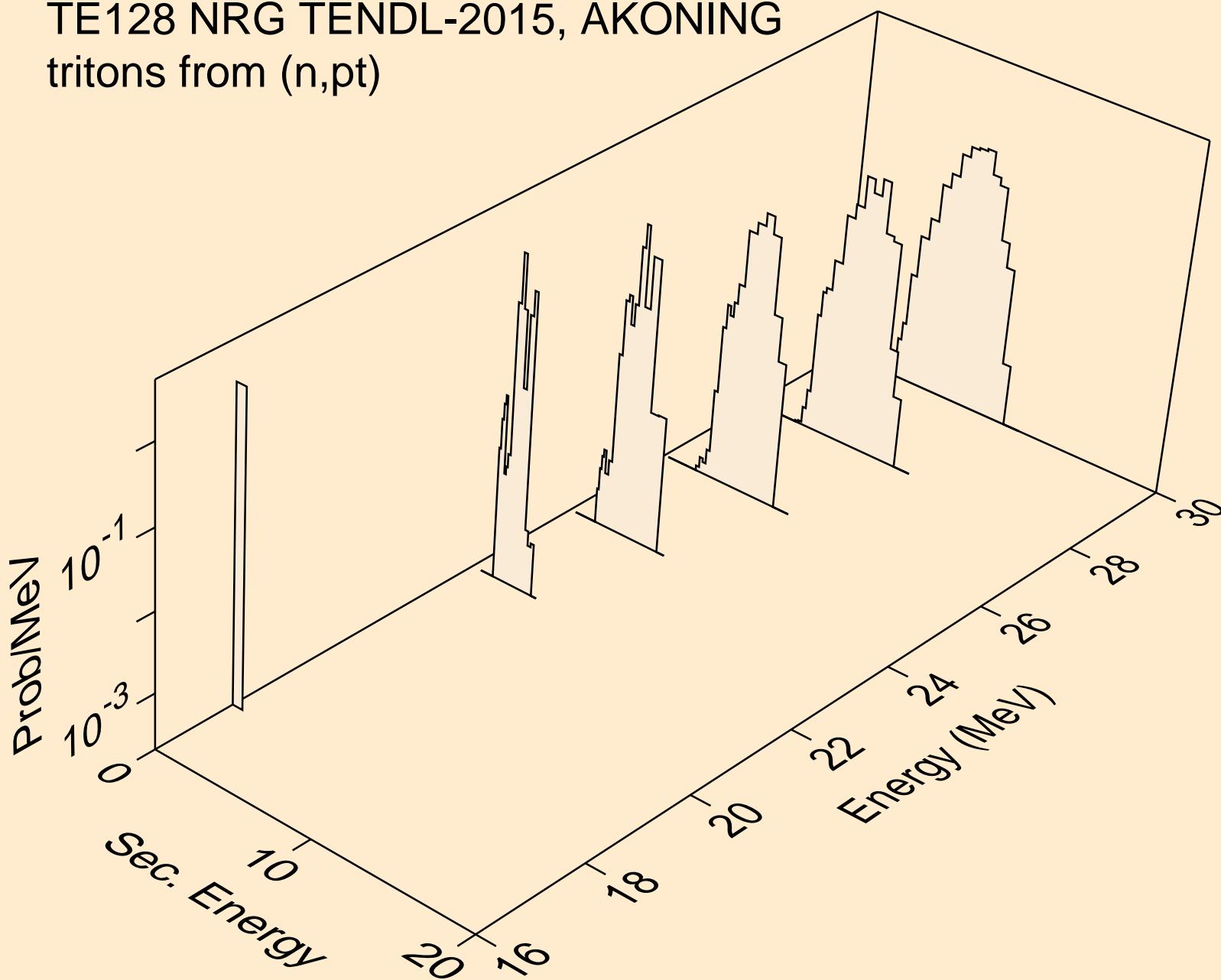
TE128 NRG TENDL-2015, AKONING  
tritons from  $(n,n^*)t$



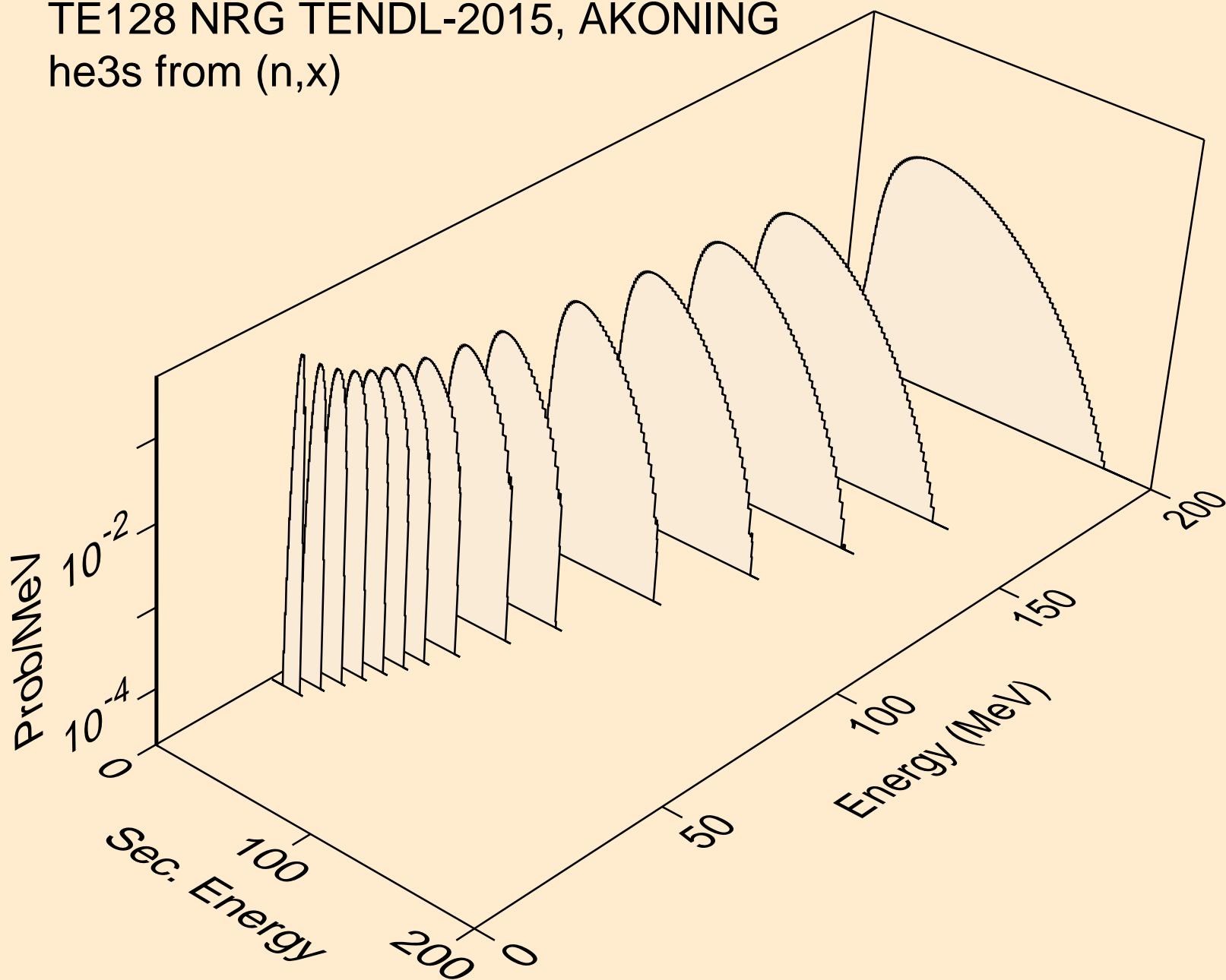
TE128 NRG TENDL-2015, AKONING  
tritons from (n,t)



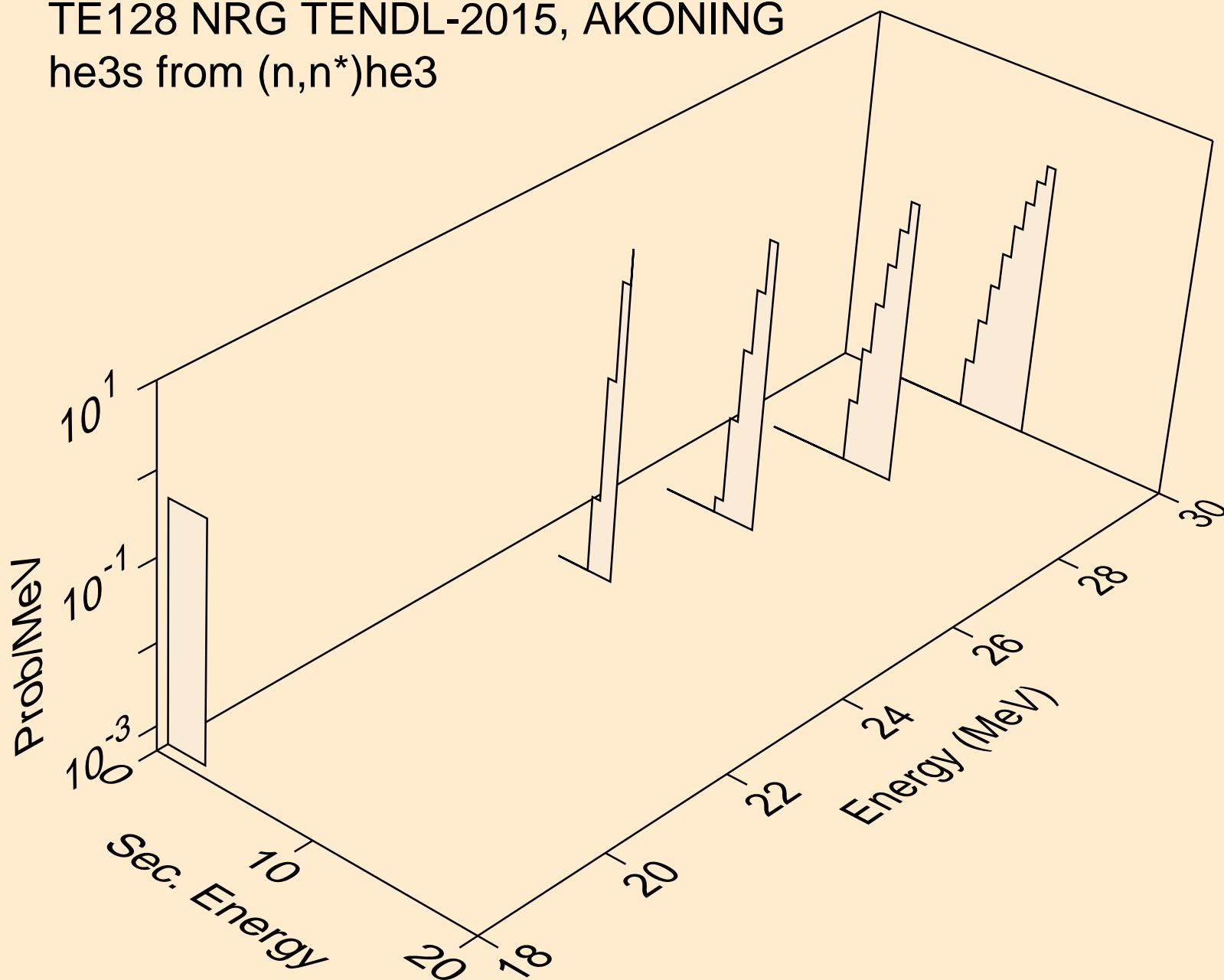
TE128 NRG TENDL-2015, AKONING  
tritons from (n,pt)



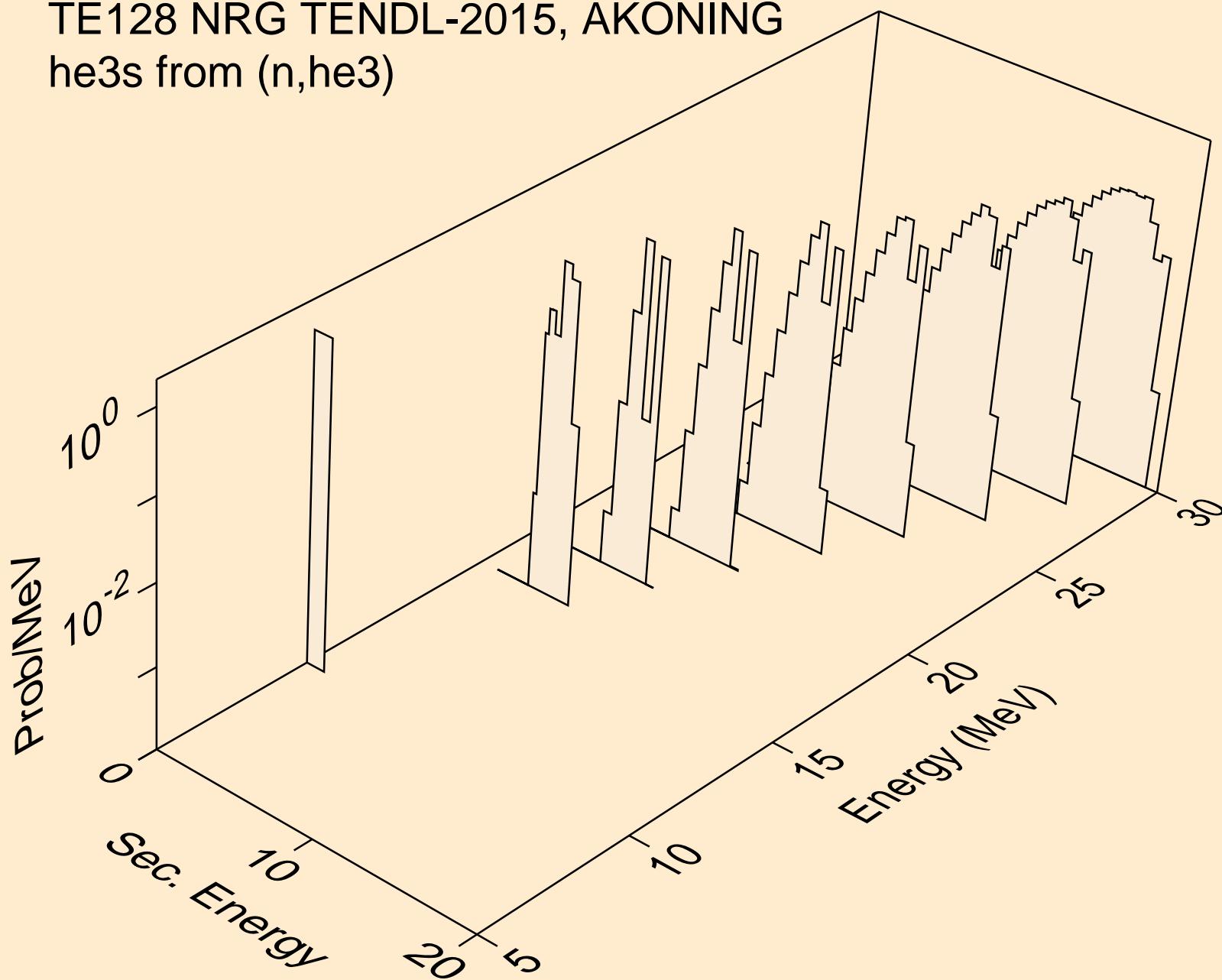
TE128 NRG TENDL-2015, AKONING  
he3s from (n,x)



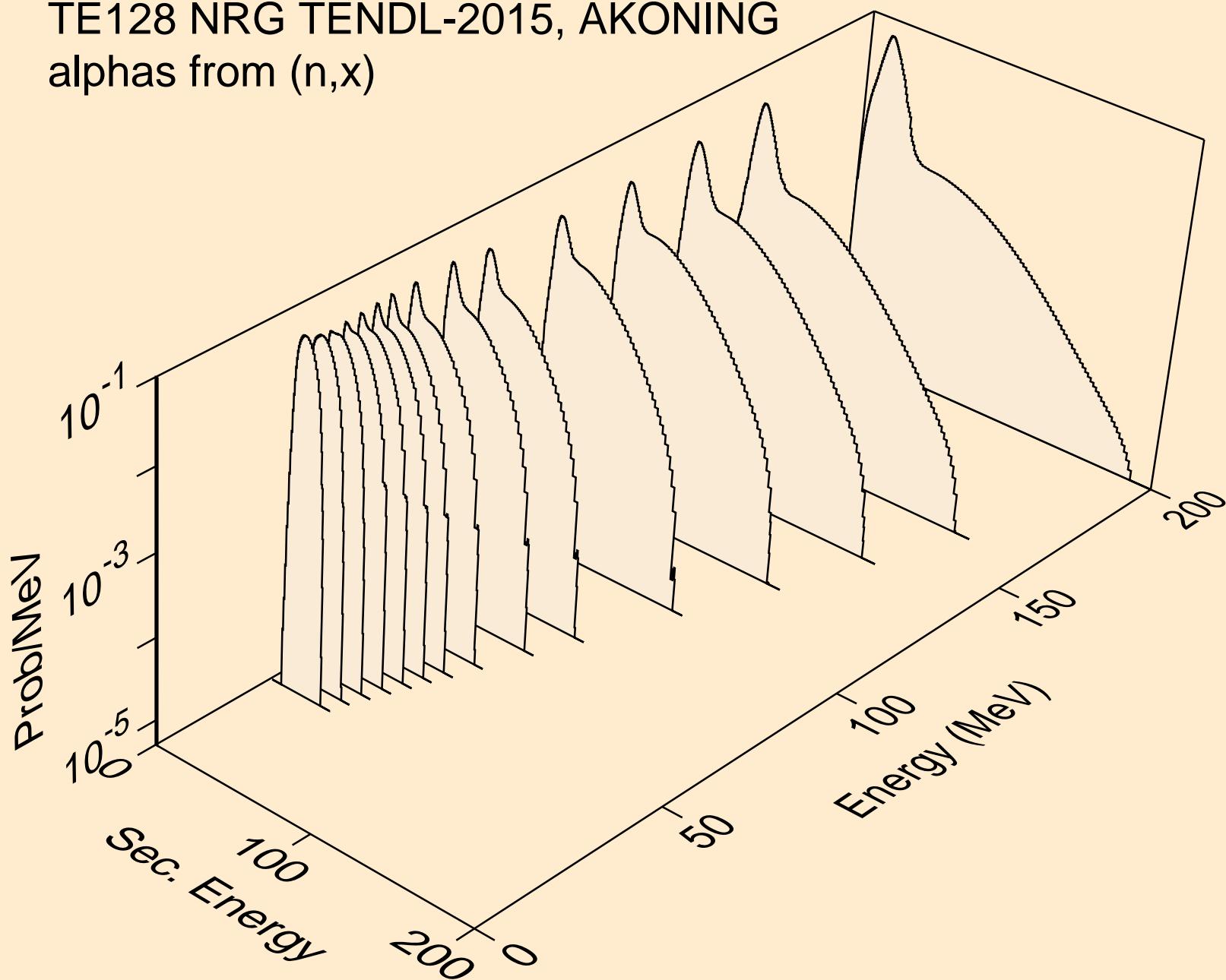
TE128 NRG TENDL-2015, AKONING  
he3s from  $(n,n^*)\text{he3}$



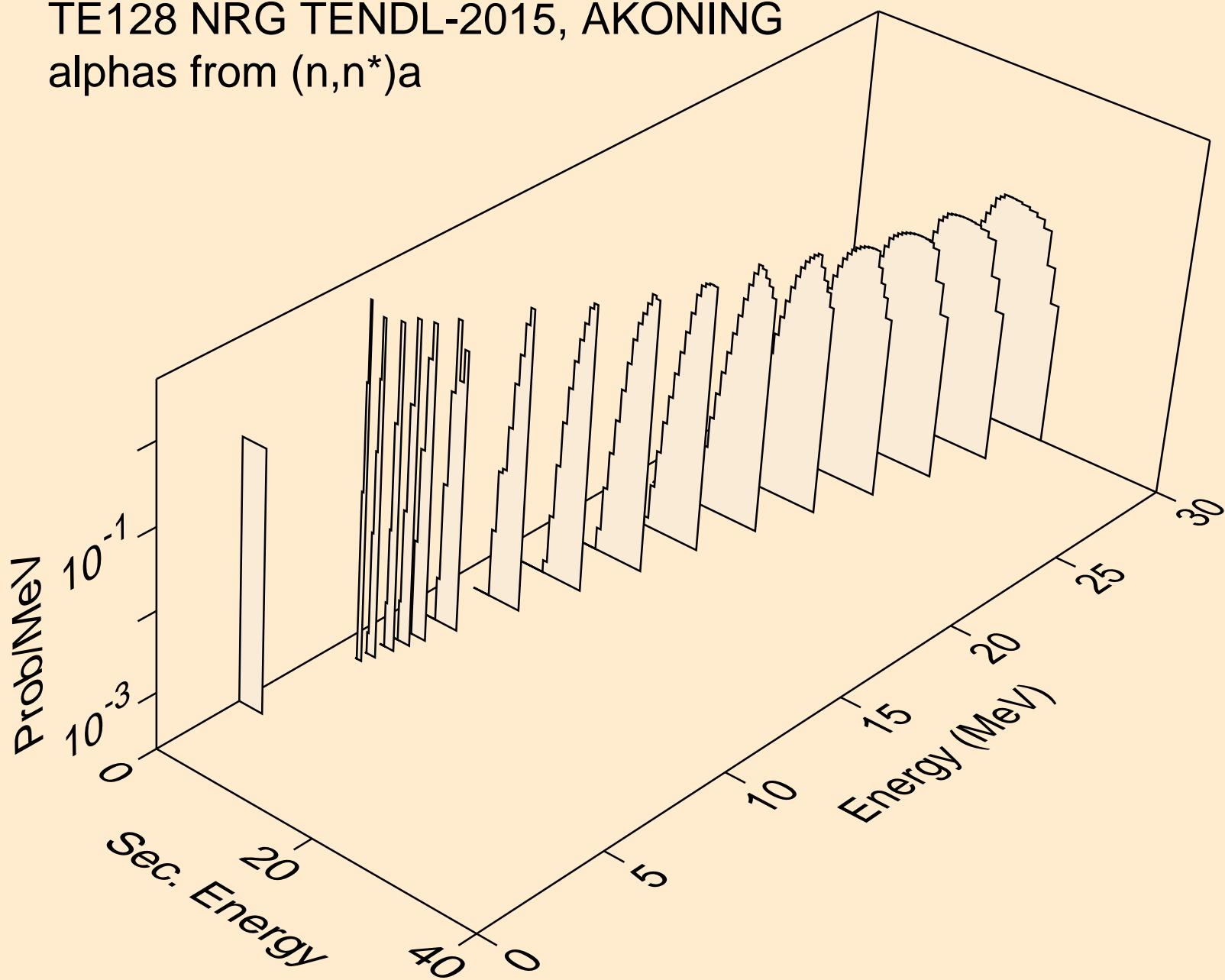
TE128 NRG TENDL-2015, AKONING  
he3s from (n,he3)



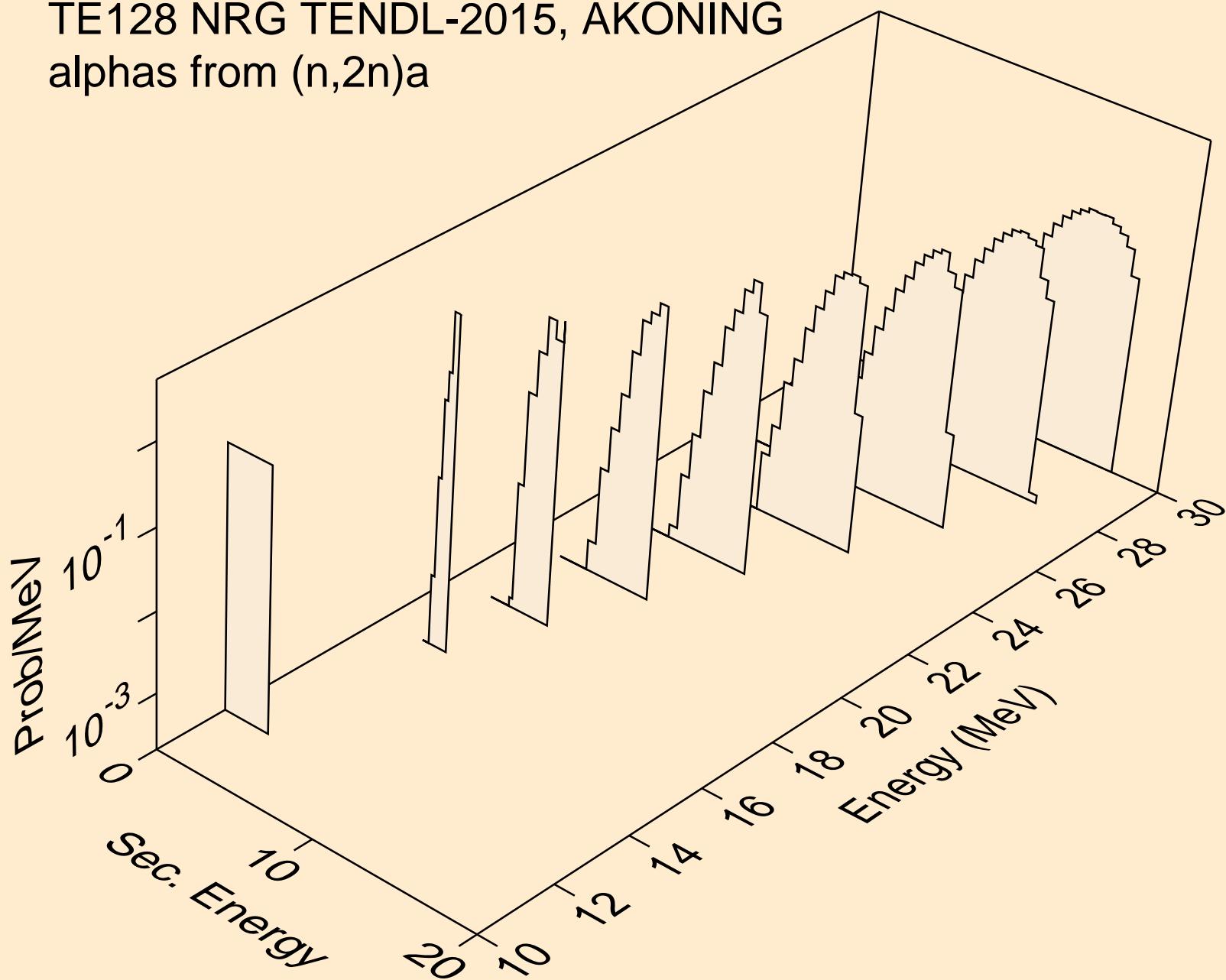
TE128 NRG TENDL-2015, AKONING  
alphas from (n,x)



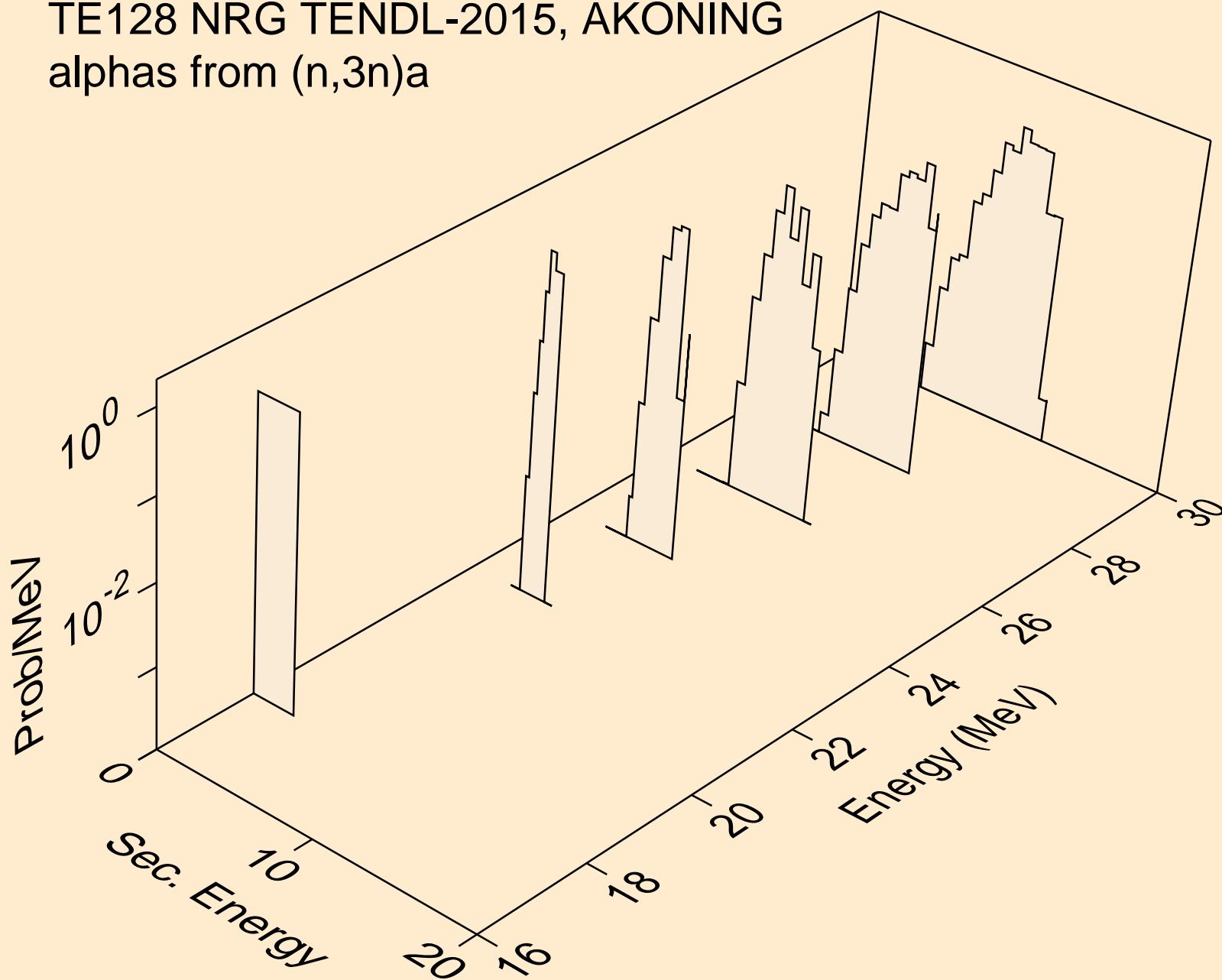
TE128 NRG TENDL-2015, AKONING  
alphas from  $(n,n^*)a$



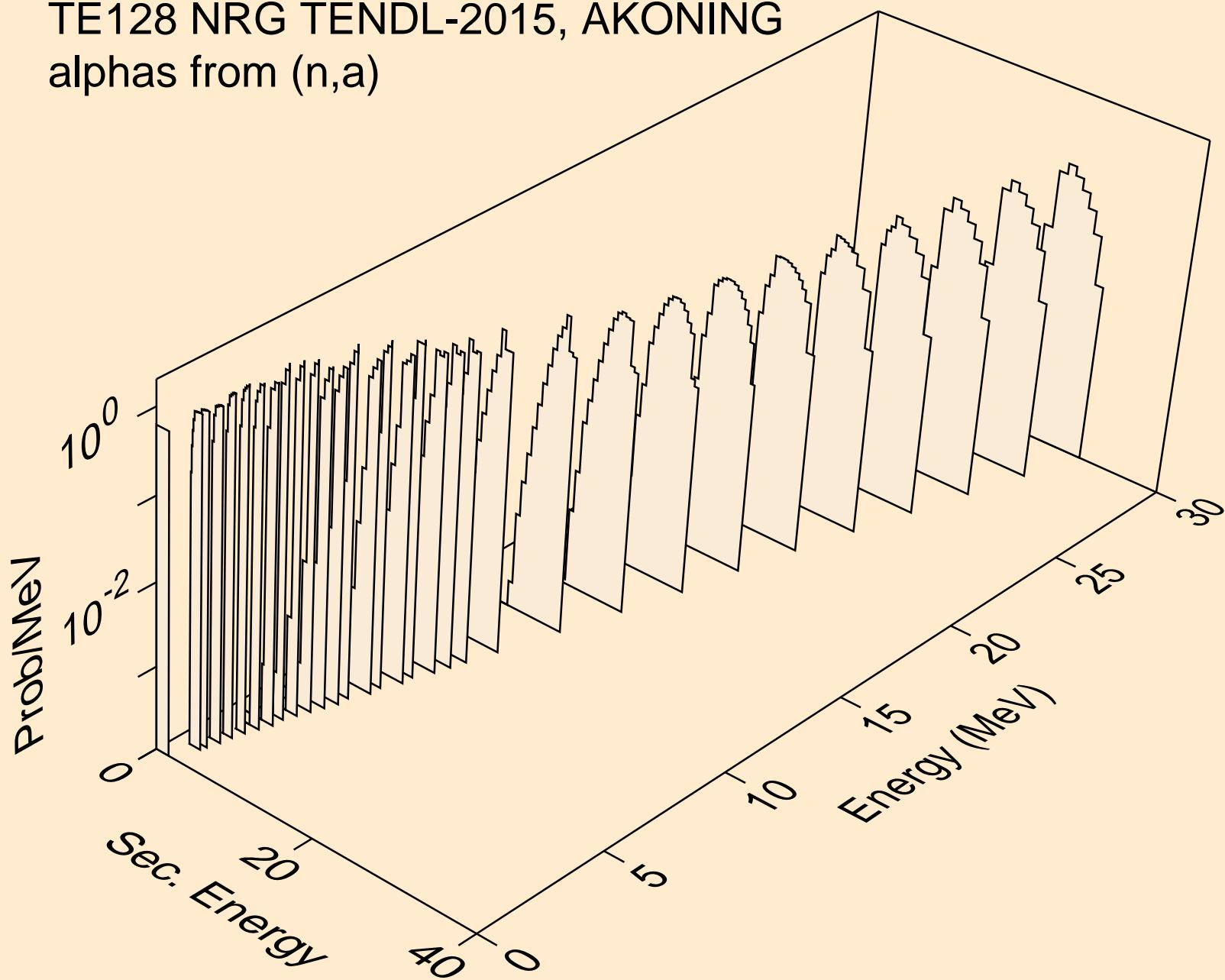
TE128 NRG TENDL-2015, AKONING  
alphas from ( $n,2n$ )a



TE128 NRG TENDL-2015, AKONING  
alphas from  $(n,3n)a$



TE128 NRG TENDL-2015, AKONING  
alphas from (n,a)



TE128 NRG TENDL-2015, AKONING  
alphas from (n,pa)

