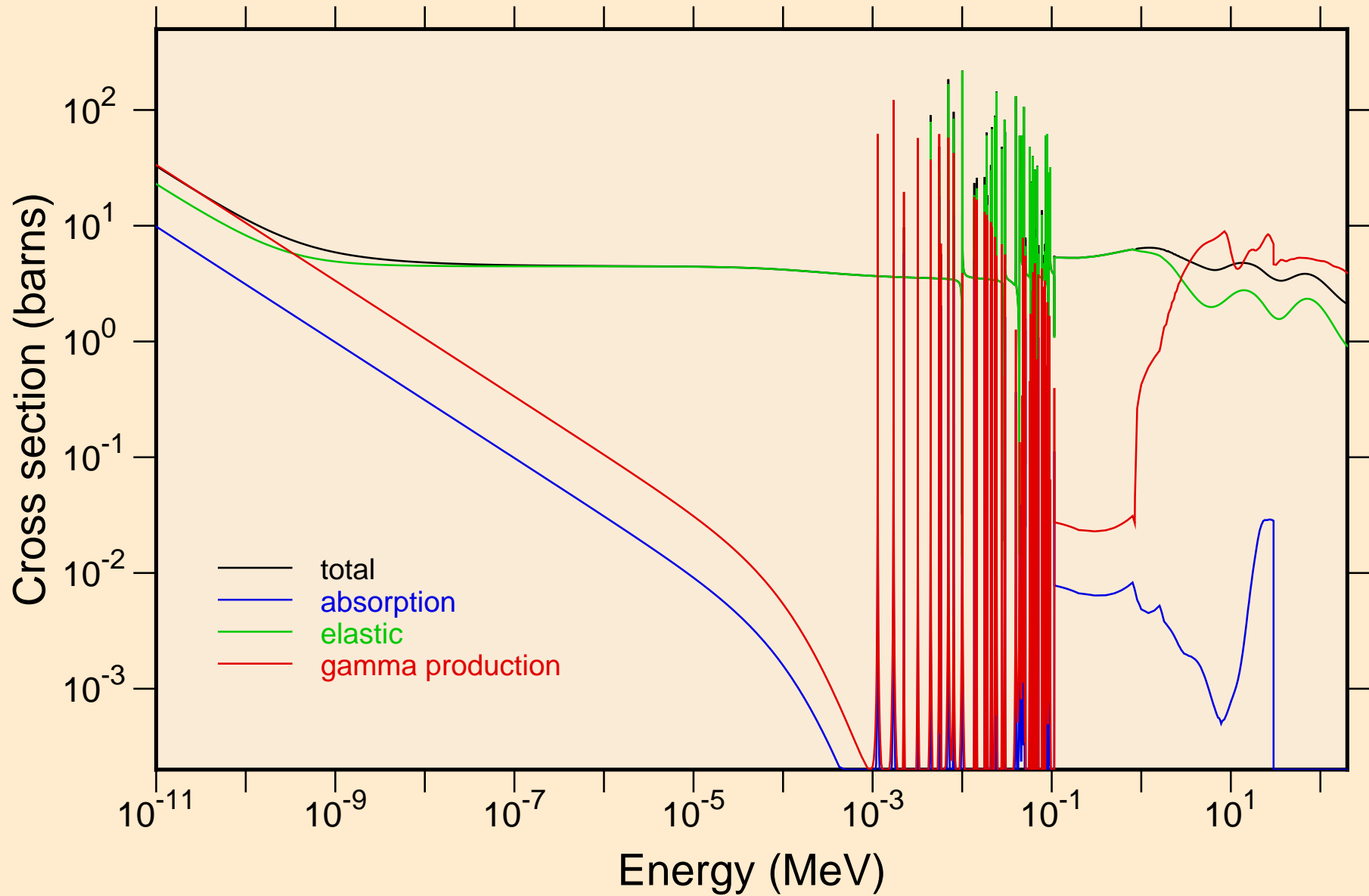
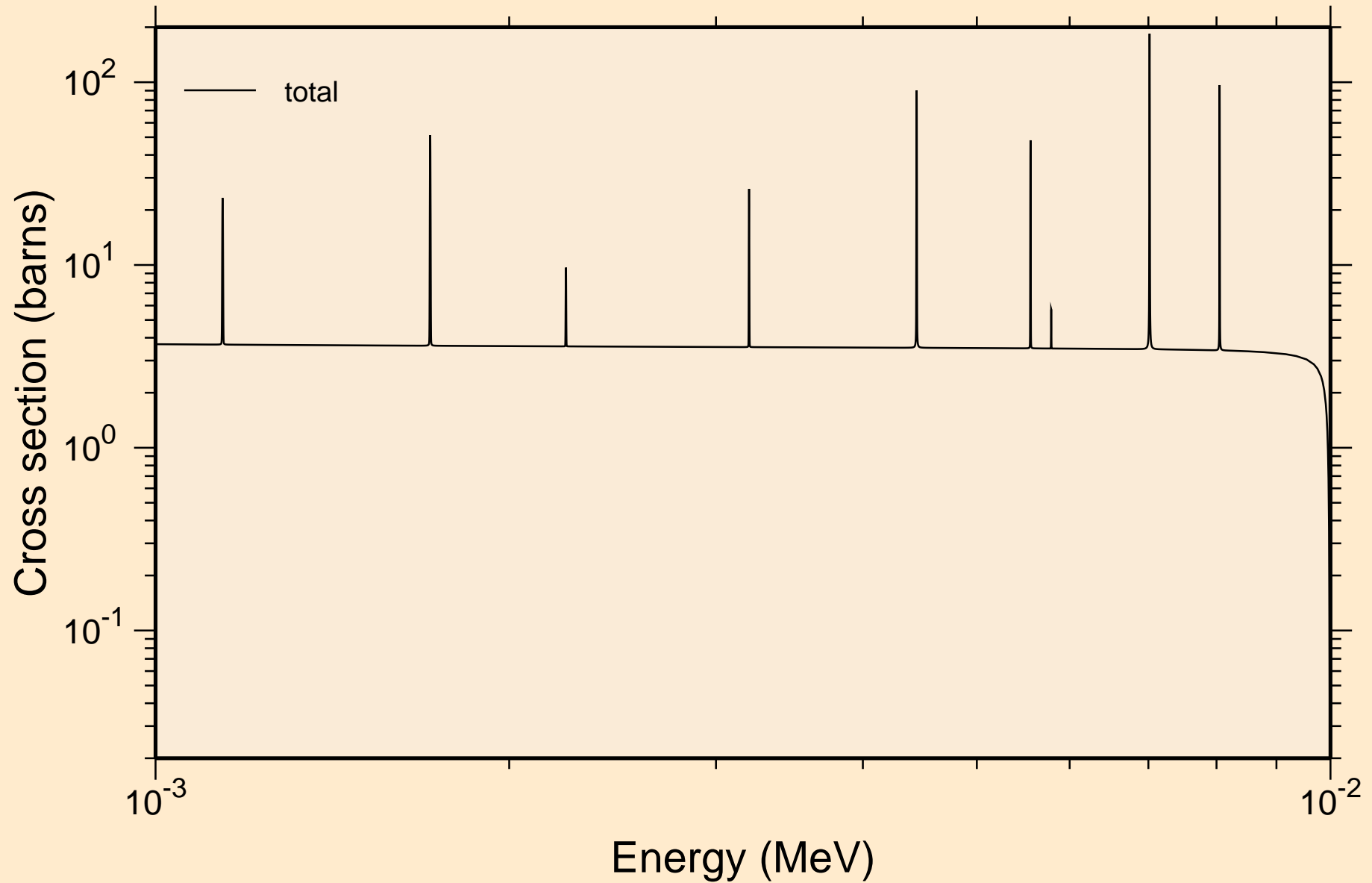


# TE130 NRG TENDL-2015, AKONING

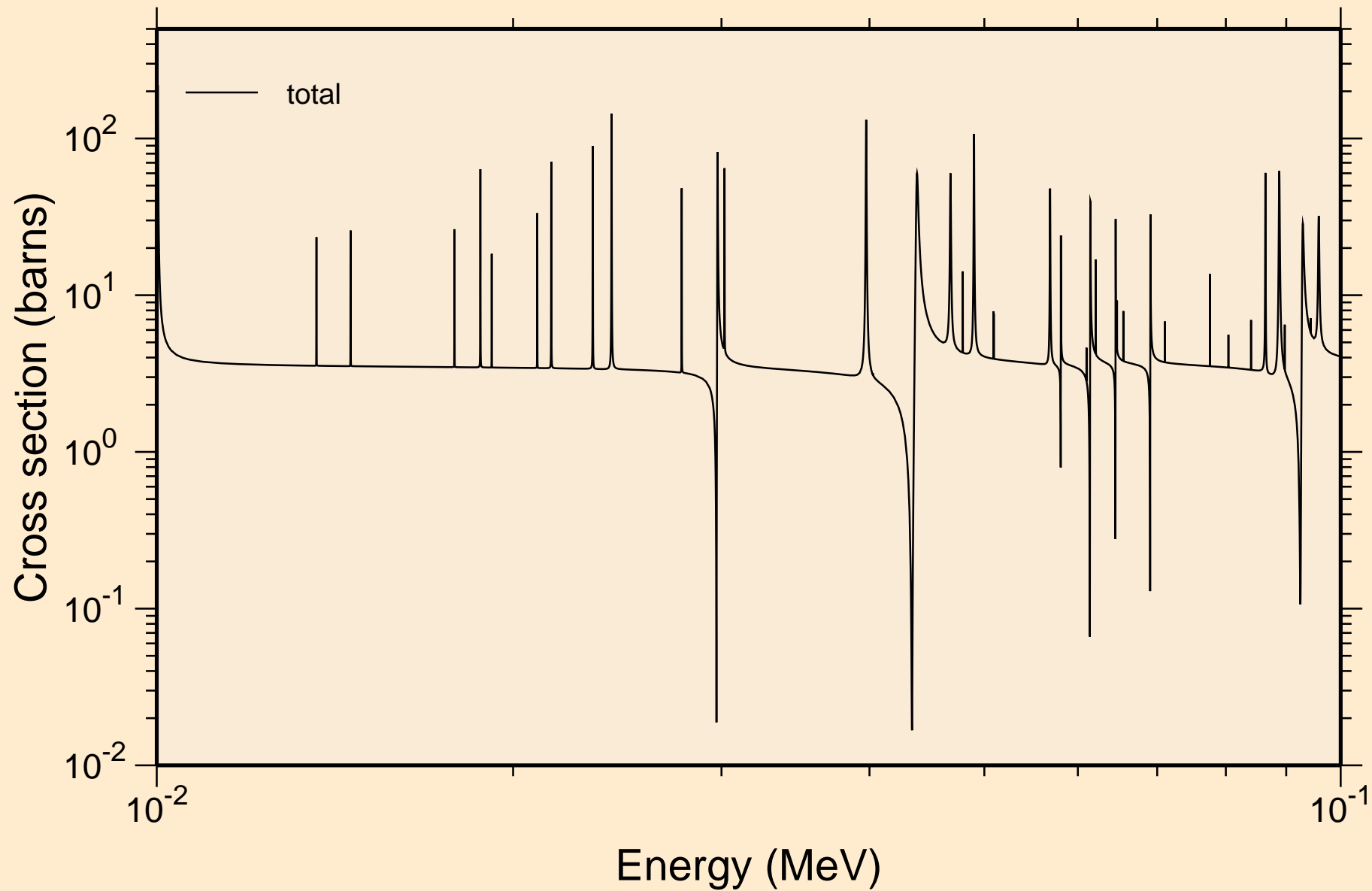
## Principal cross sections



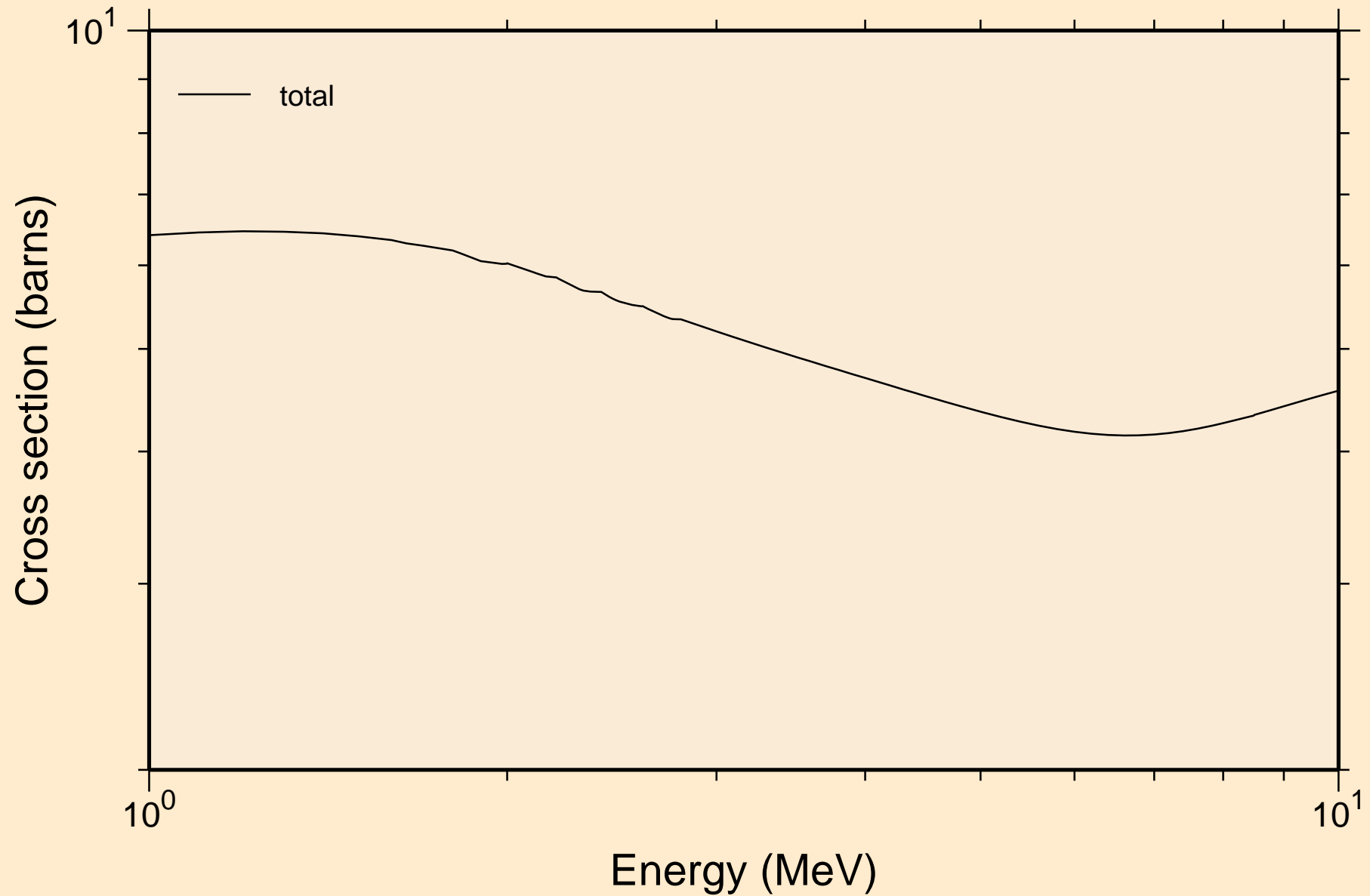
TE130 NRG TENDL-2015, AKONING  
resonance total cross section



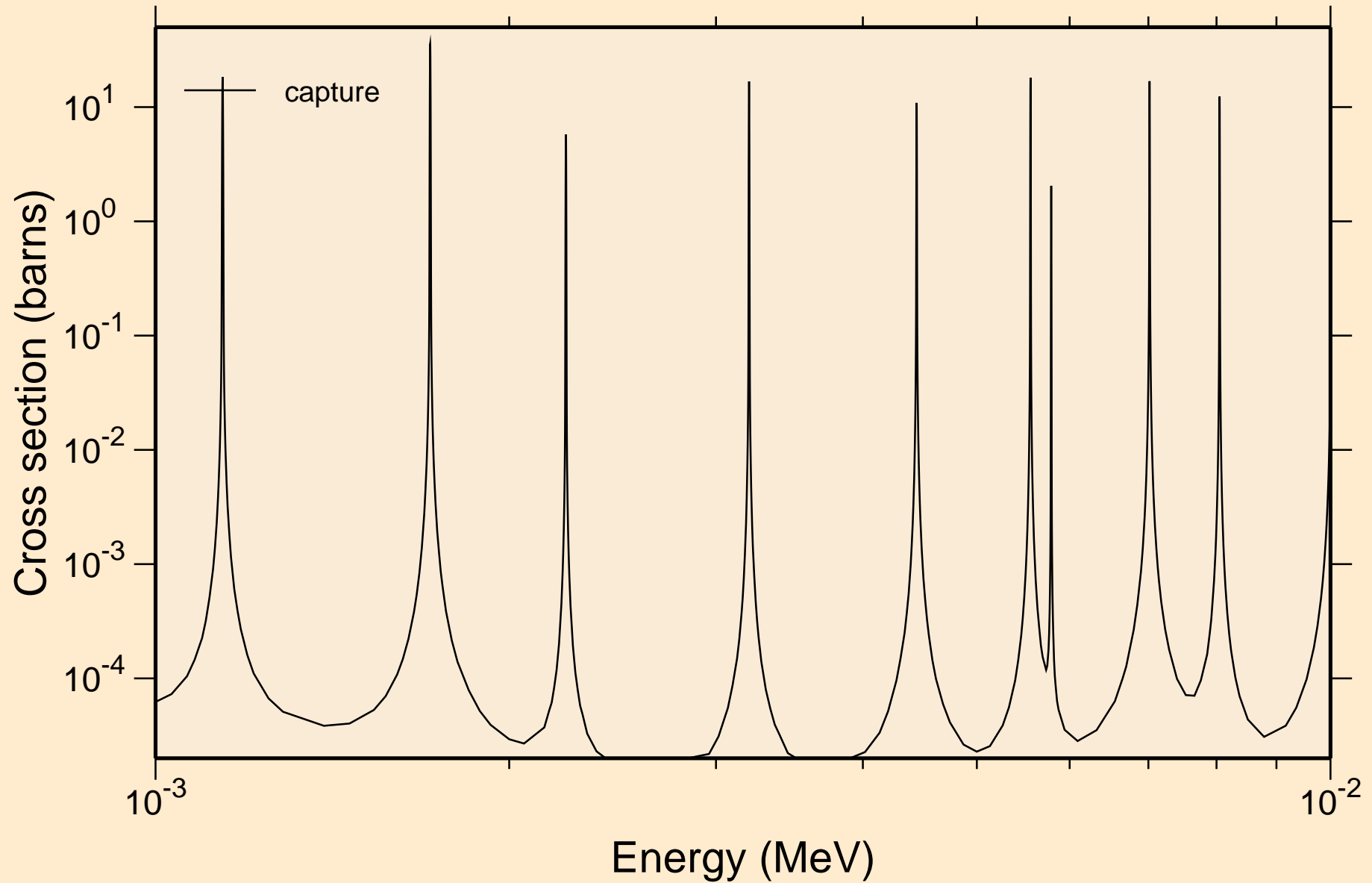
TE130 NRG TENDL-2015, AKONING  
resonance total cross section



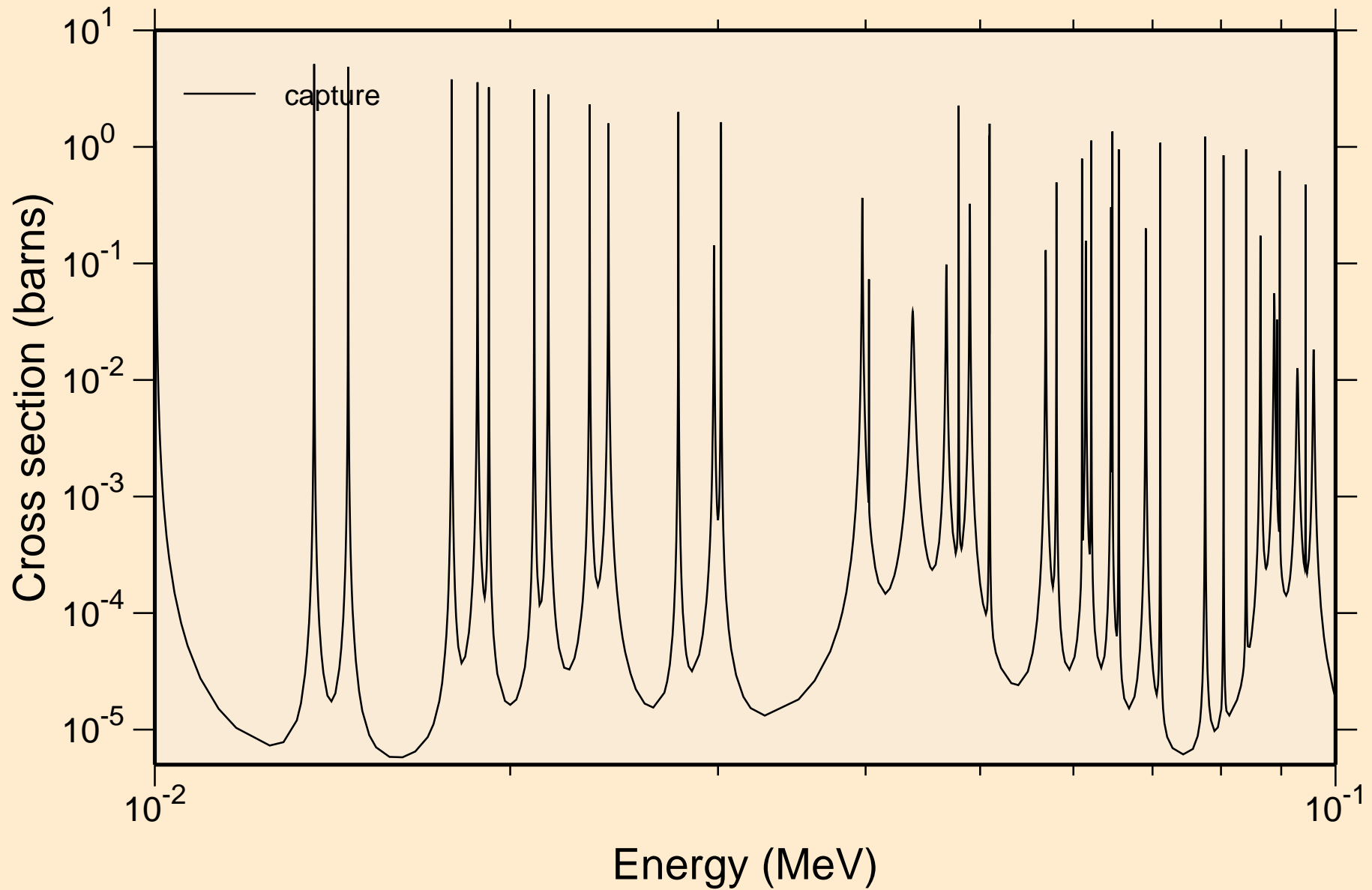
TE130 NRG TENDL-2015, AKONING  
resonance total cross section



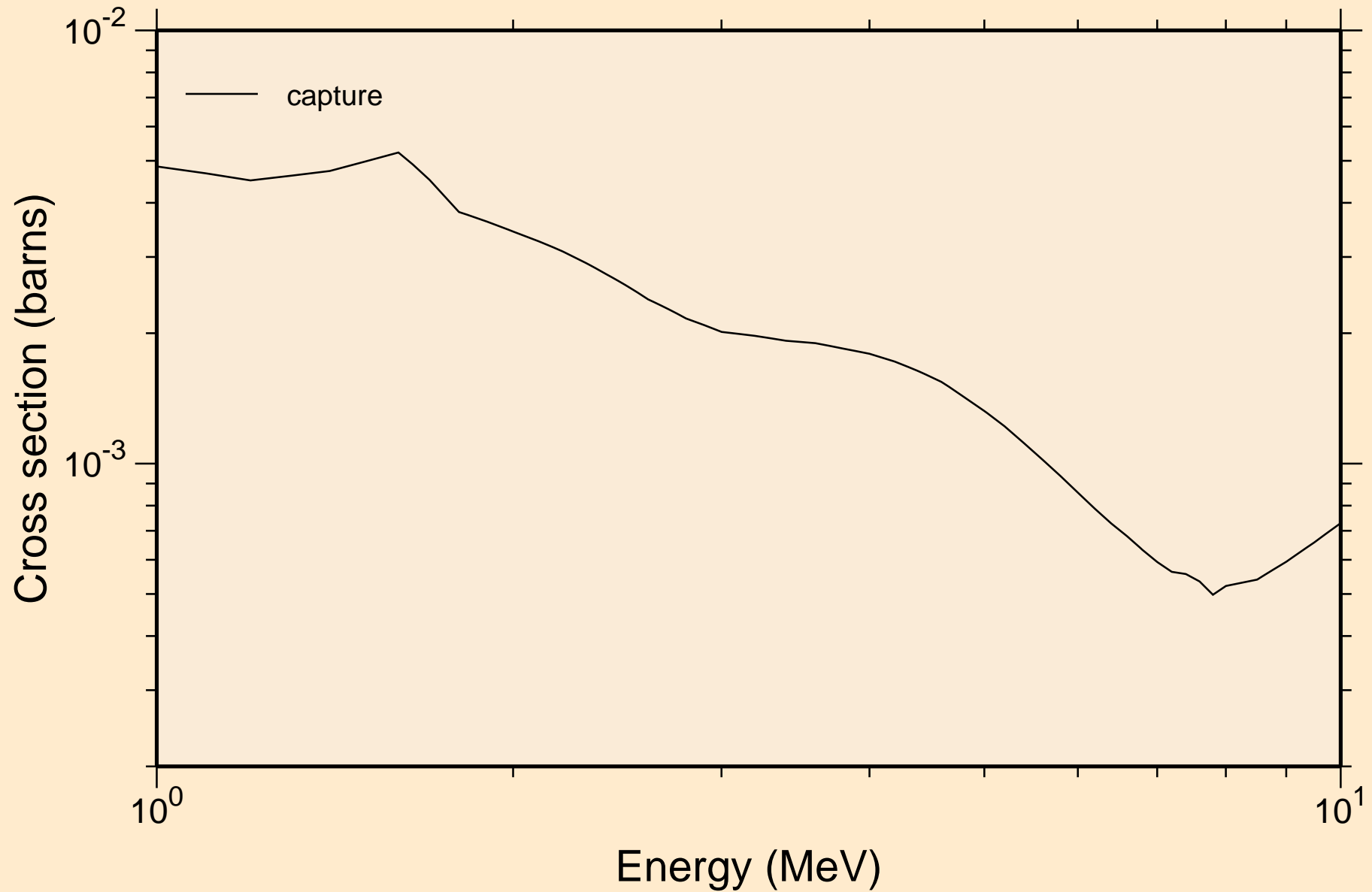
TE130 NRG TENDL-2015, AKONING  
resonance absorption cross sections



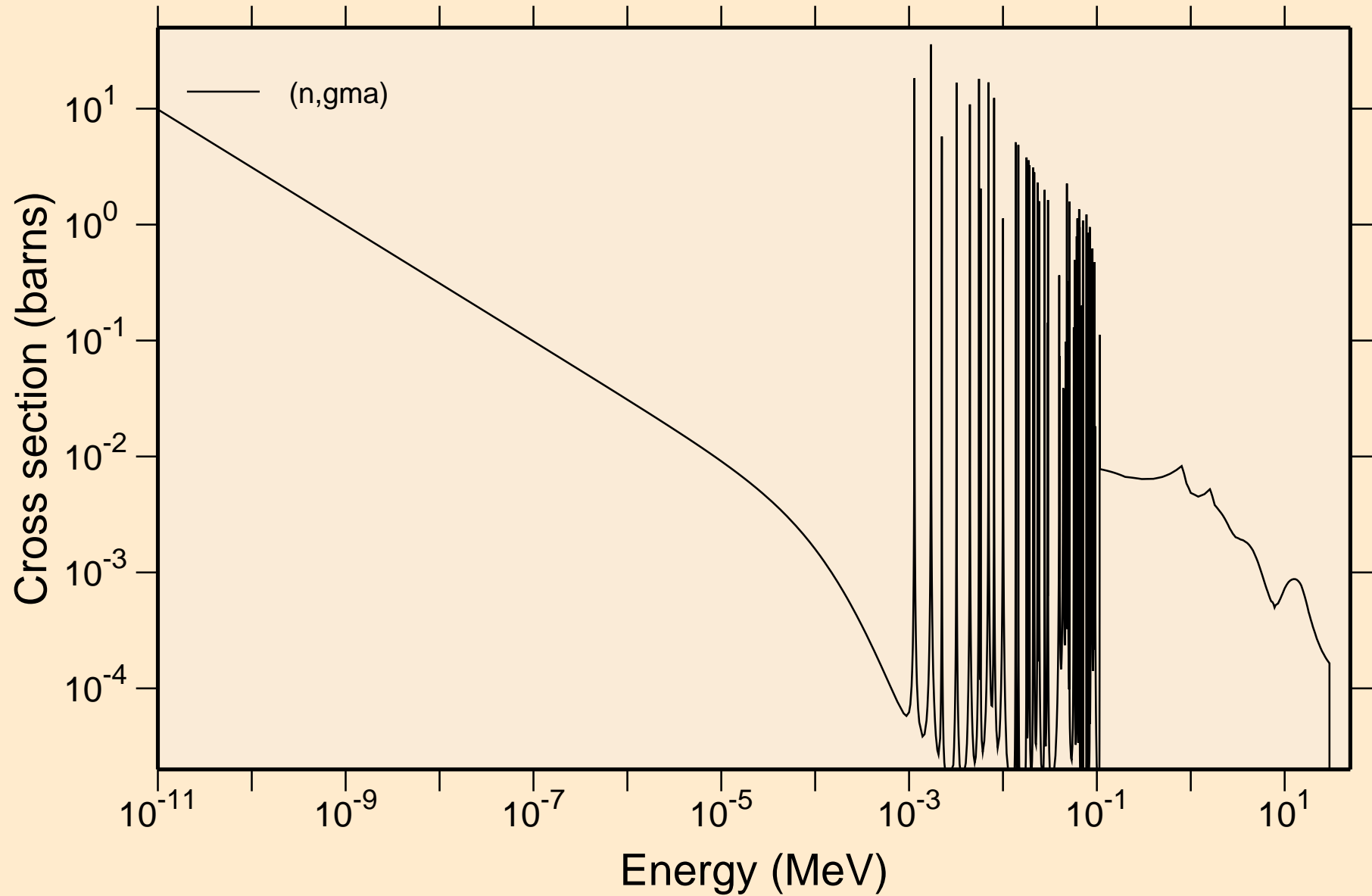
TE130 NRG TENDL-2015, AKONING  
resonance absorption cross sections



TE130 NRG TENDL-2015, AKONING  
resonance absorption cross sections



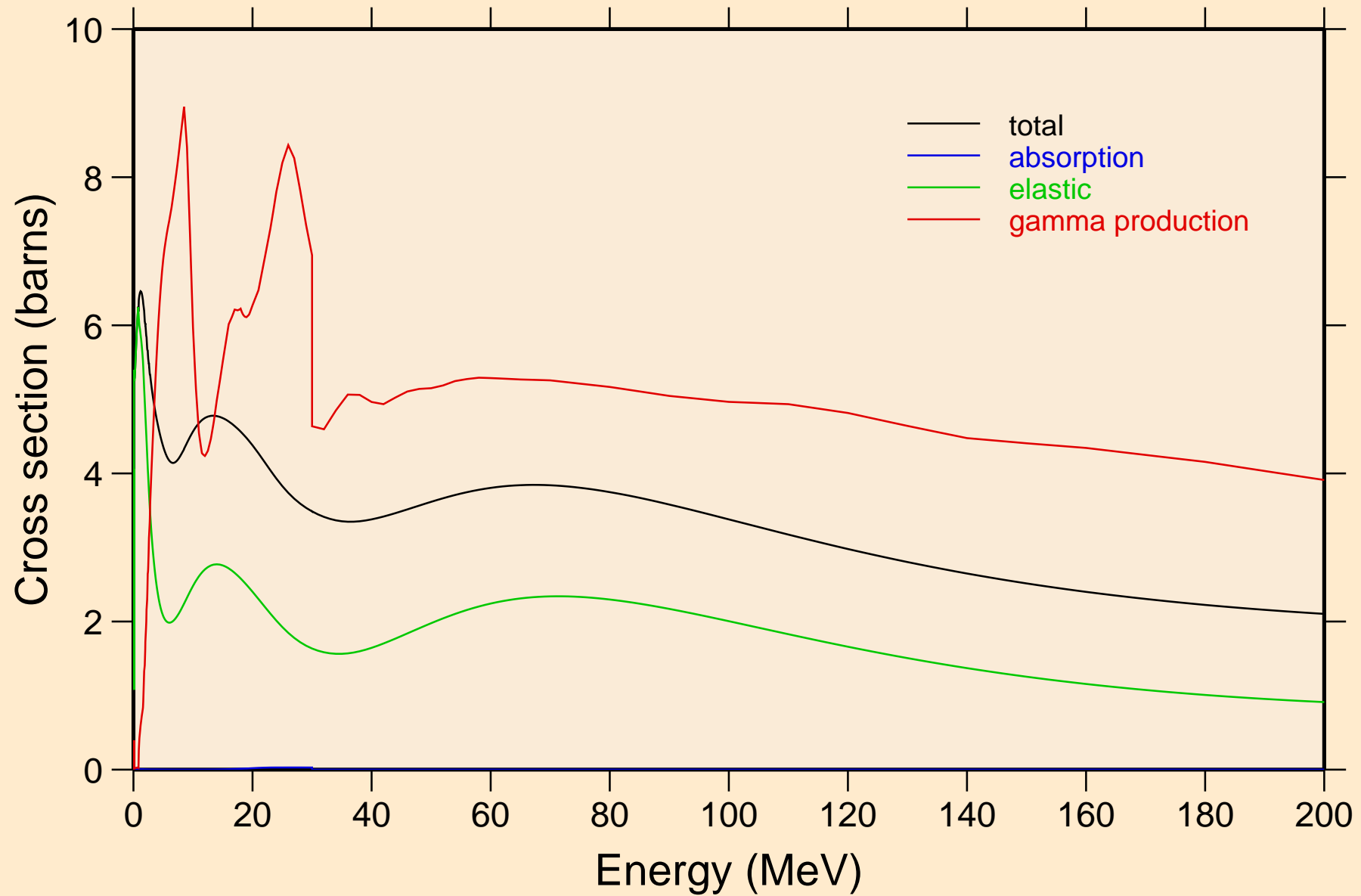
TE130 NRG TENDL-2015, AKONING  
Non-threshold reactions



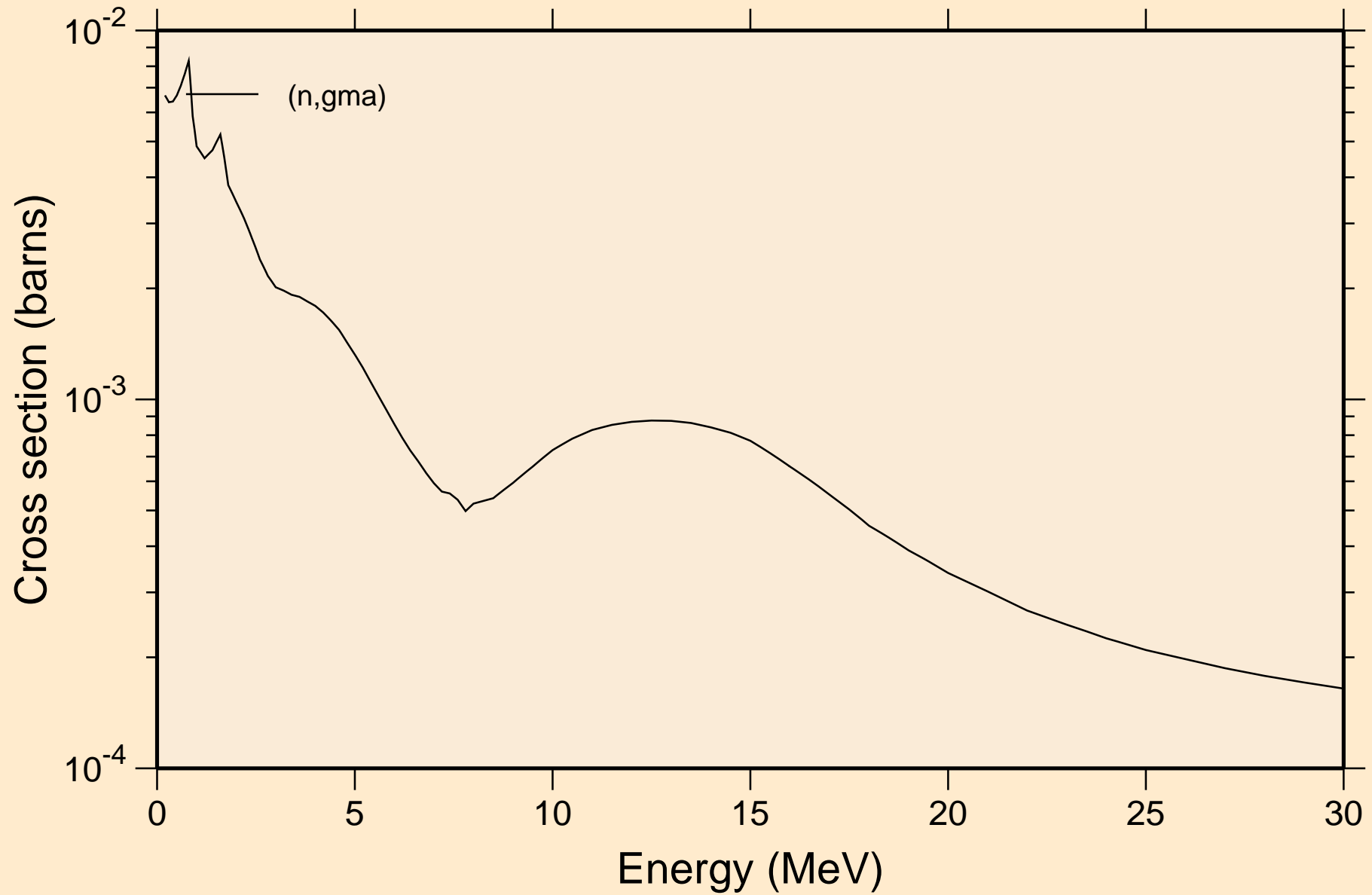


# TE130 NRG TENDL-2015, AKONING

## Principal cross sections

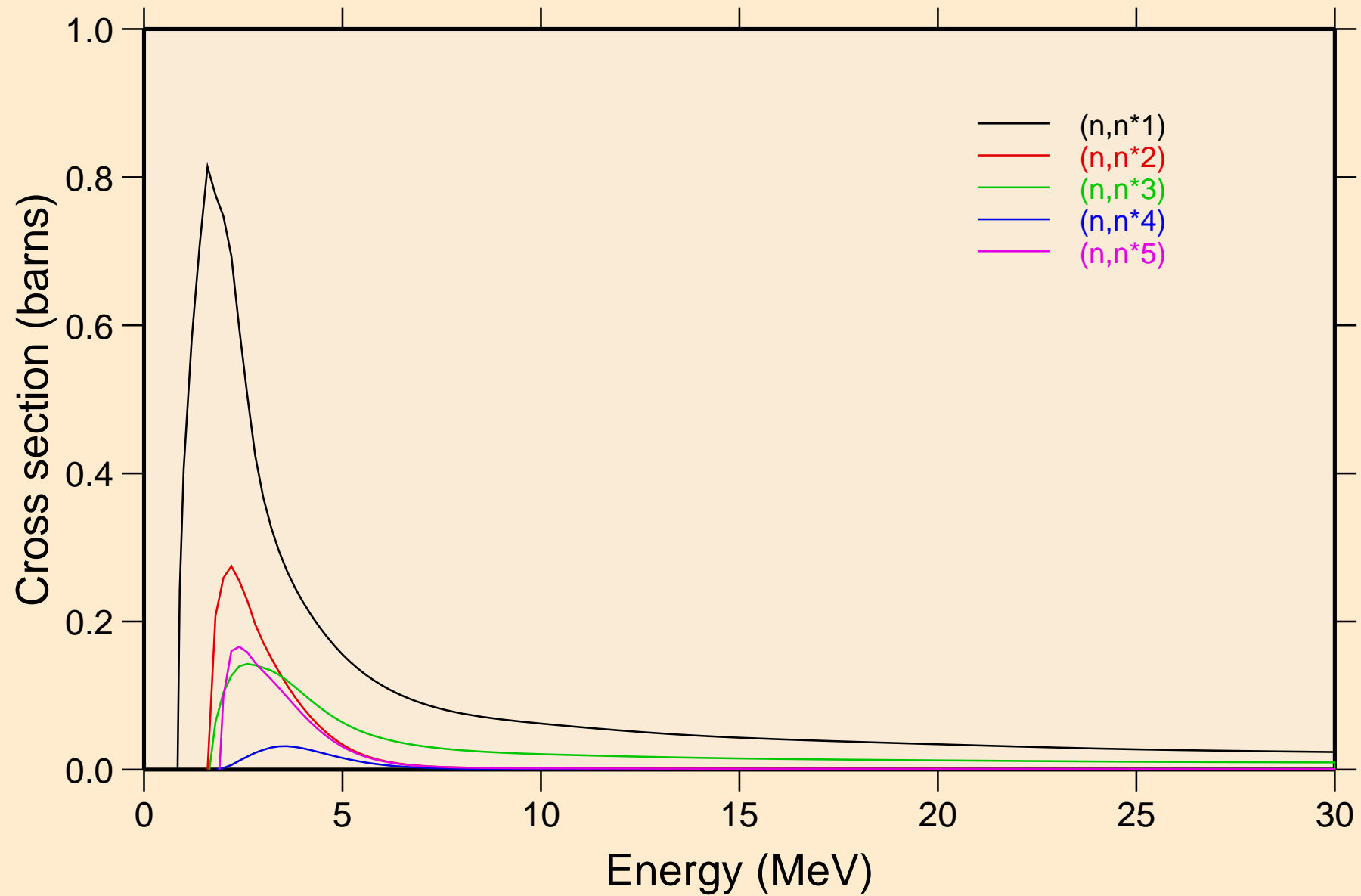


TE130 NRG TENDL-2015, AKONING  
Non-threshold reactions

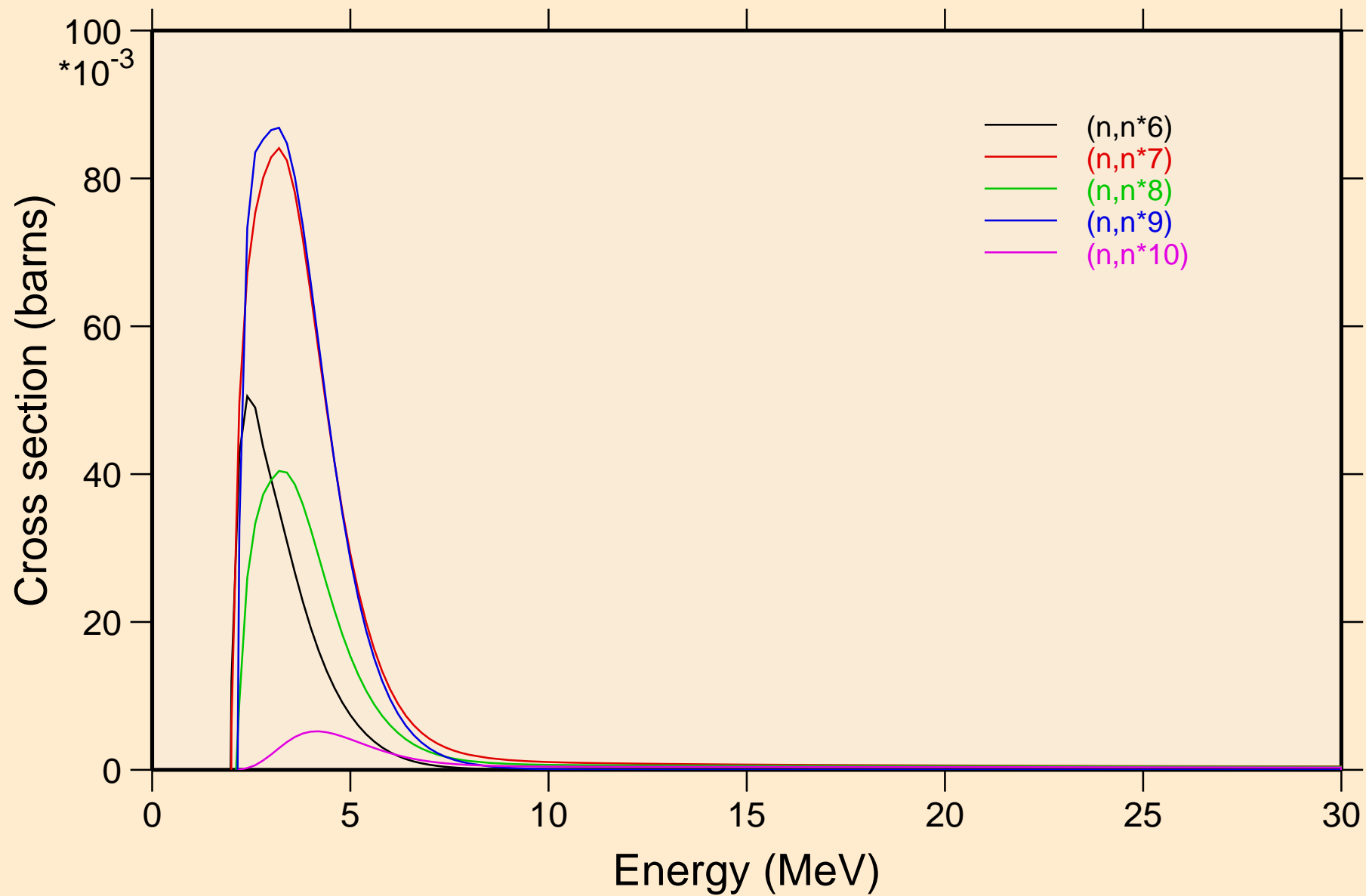


# TE130 NRG TENDL-2015, AKONING

## Inelastic levels

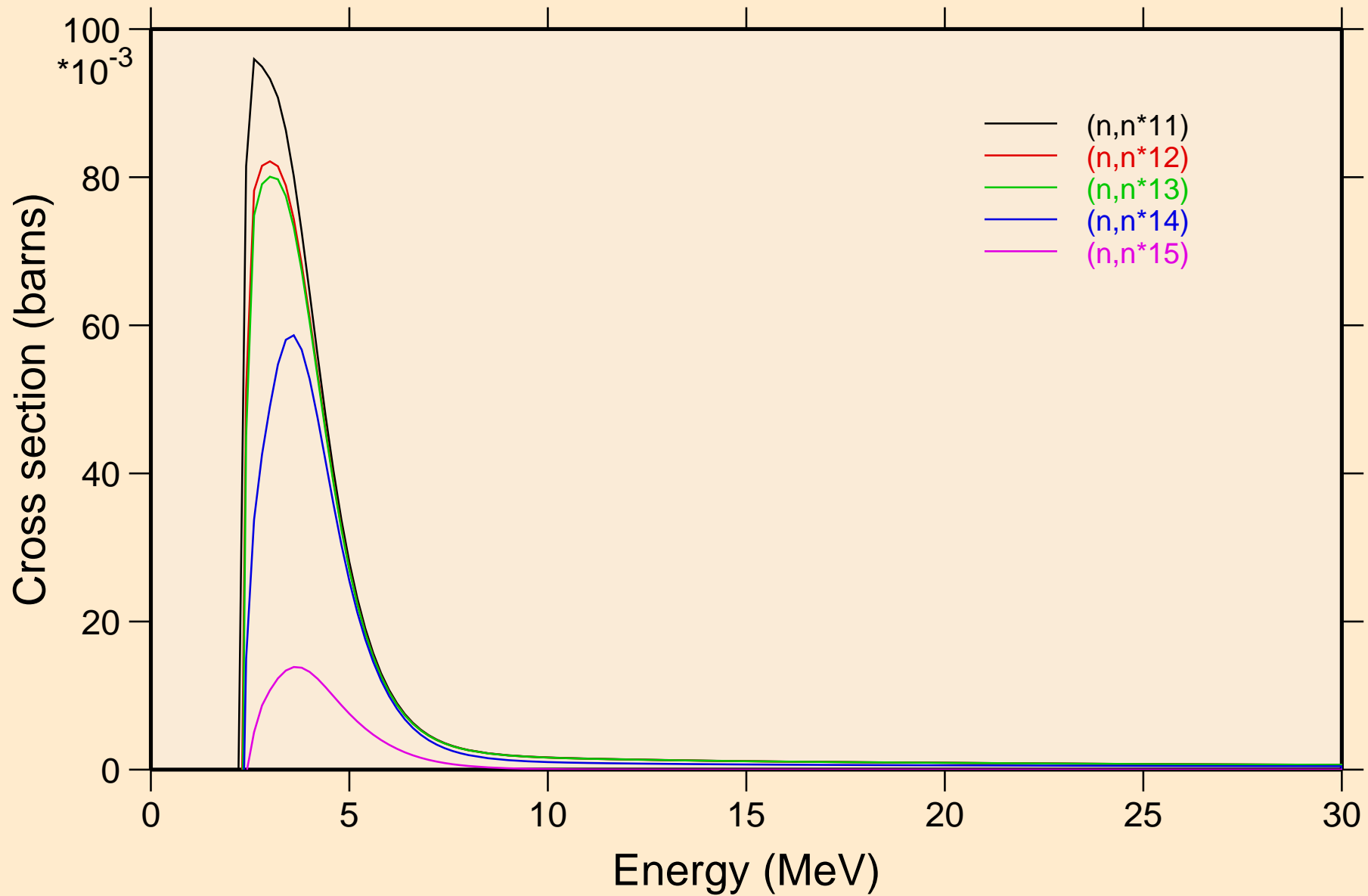


TE130 NRG TENDL-2015, AKONING  
Inelastic levels



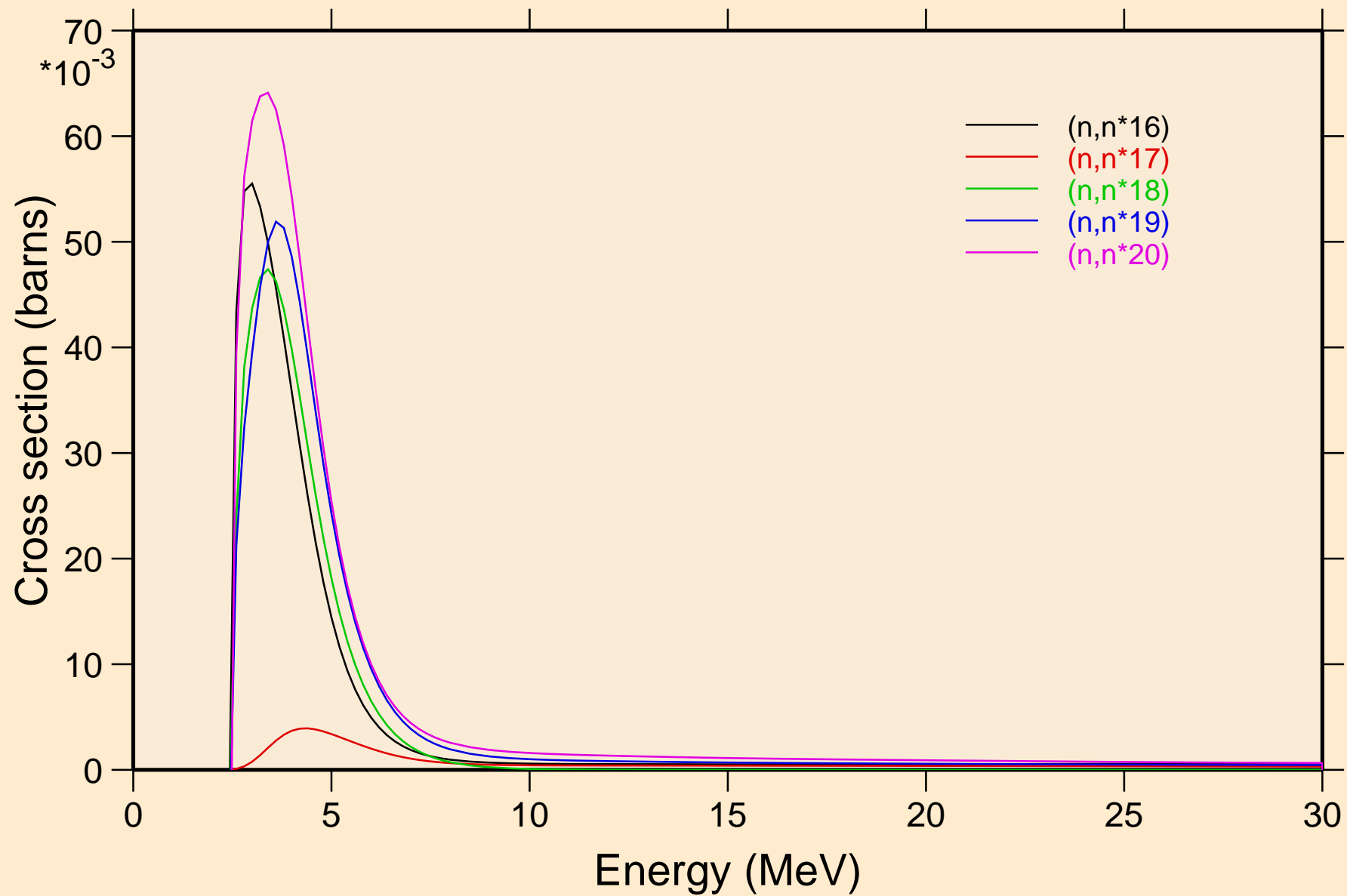
# TE130 NRG TENDL-2015, AKONING

## Inelastic levels



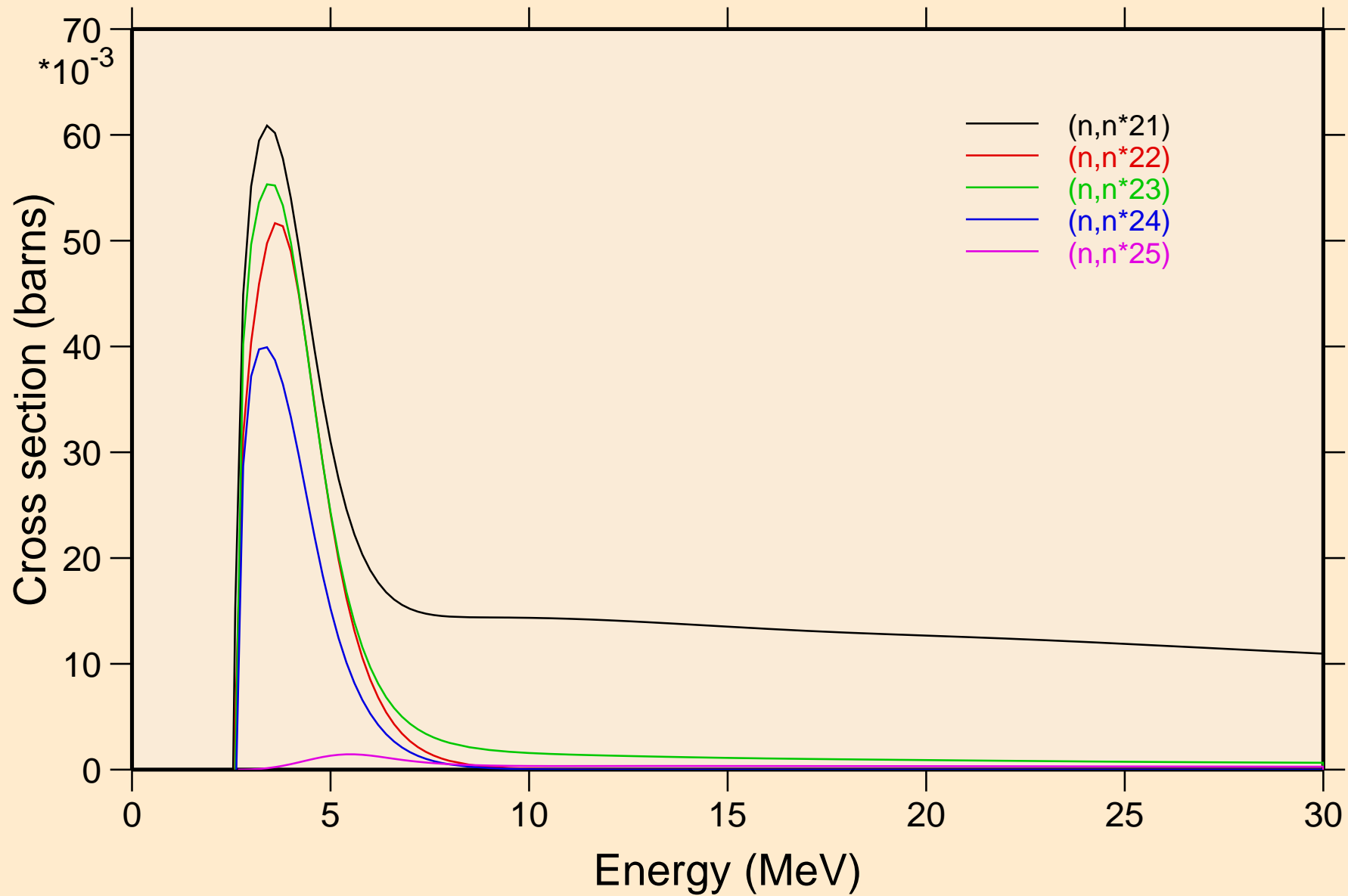
# TE130 NRG TENDL-2015, AKONING

## Inelastic levels



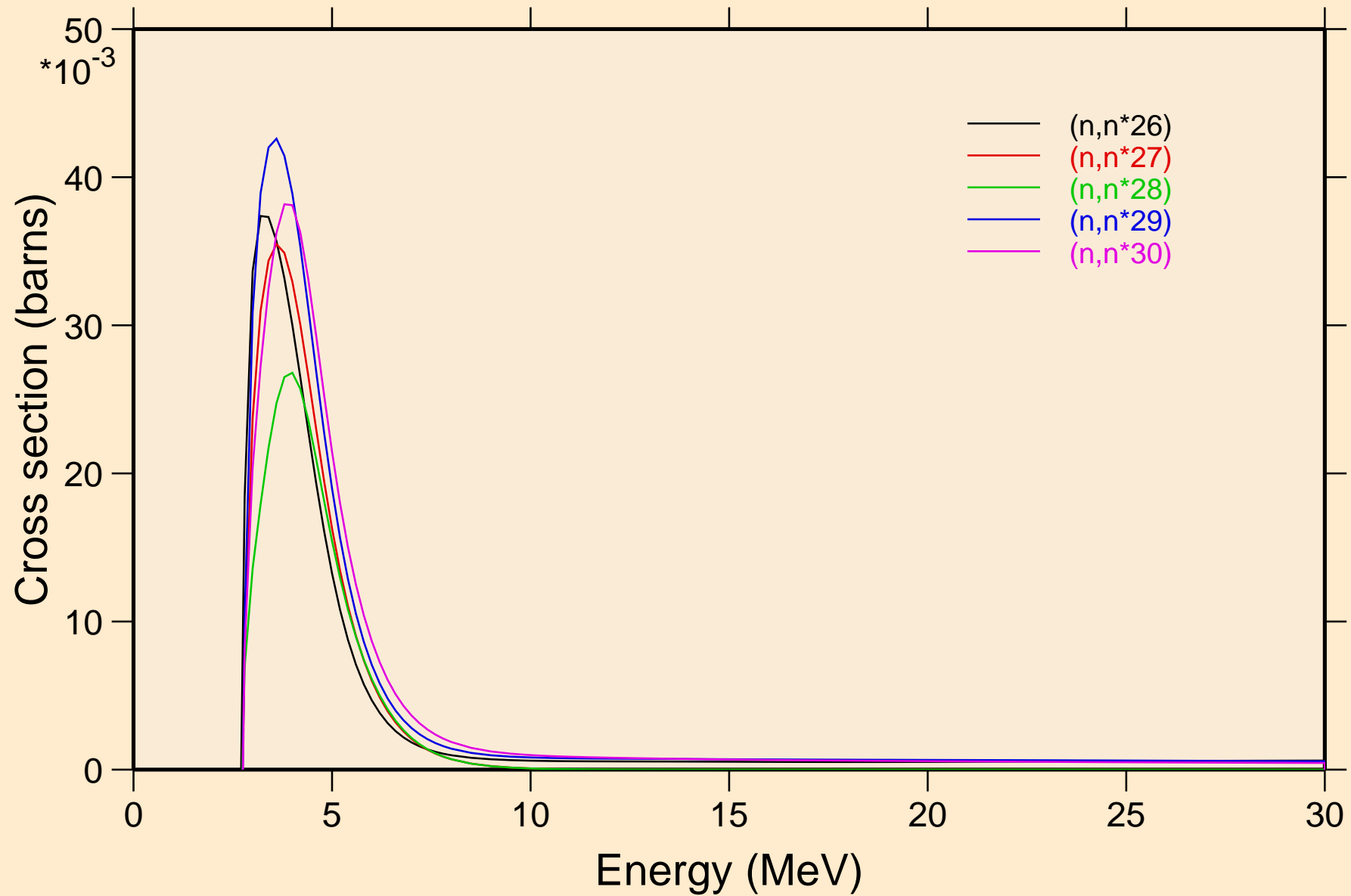
# TE130 NRG TENDL-2015, AKONING

## Inelastic levels



# TE130 NRG TENDL-2015, AKONING

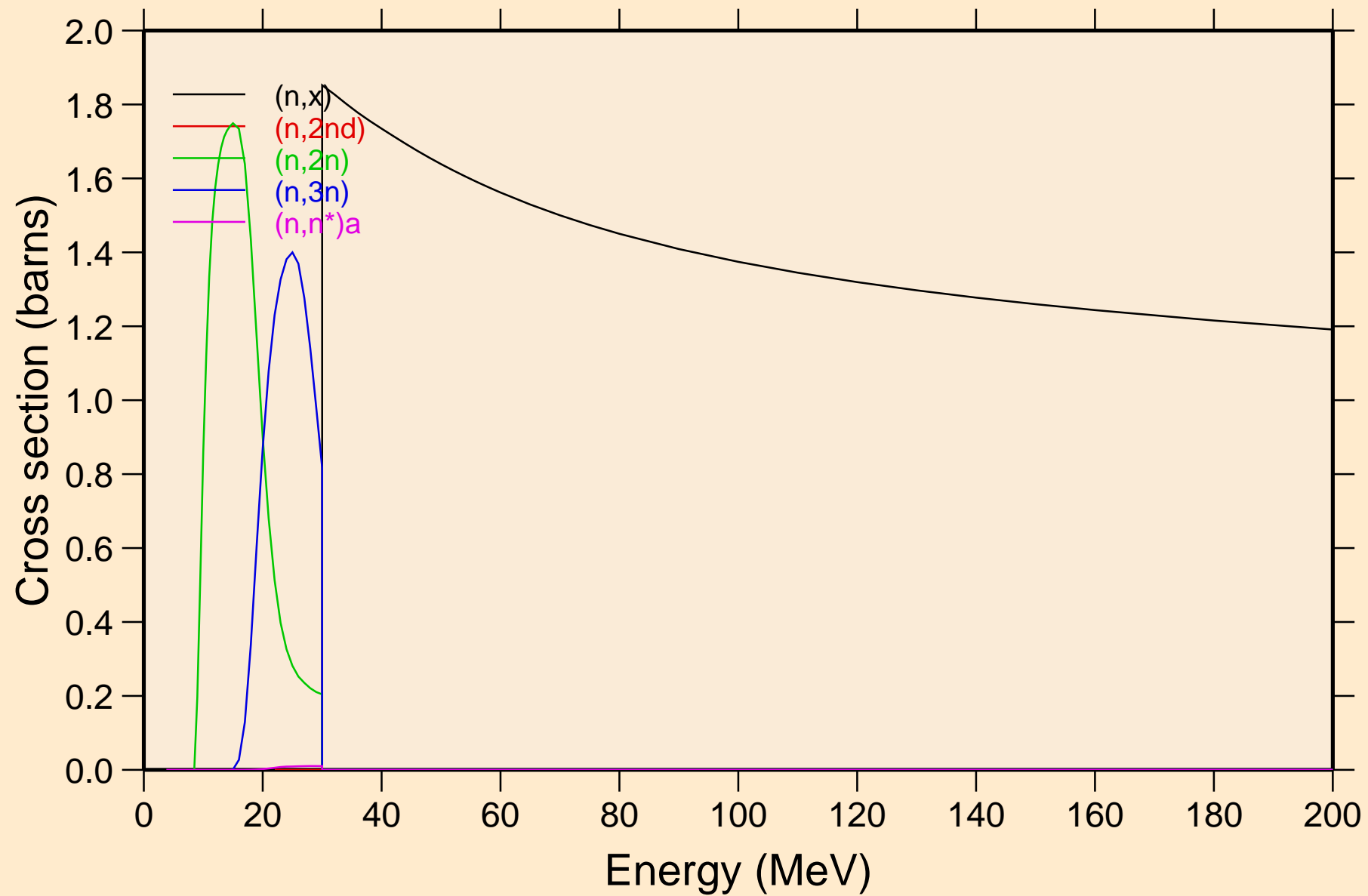
## Inelastic levels





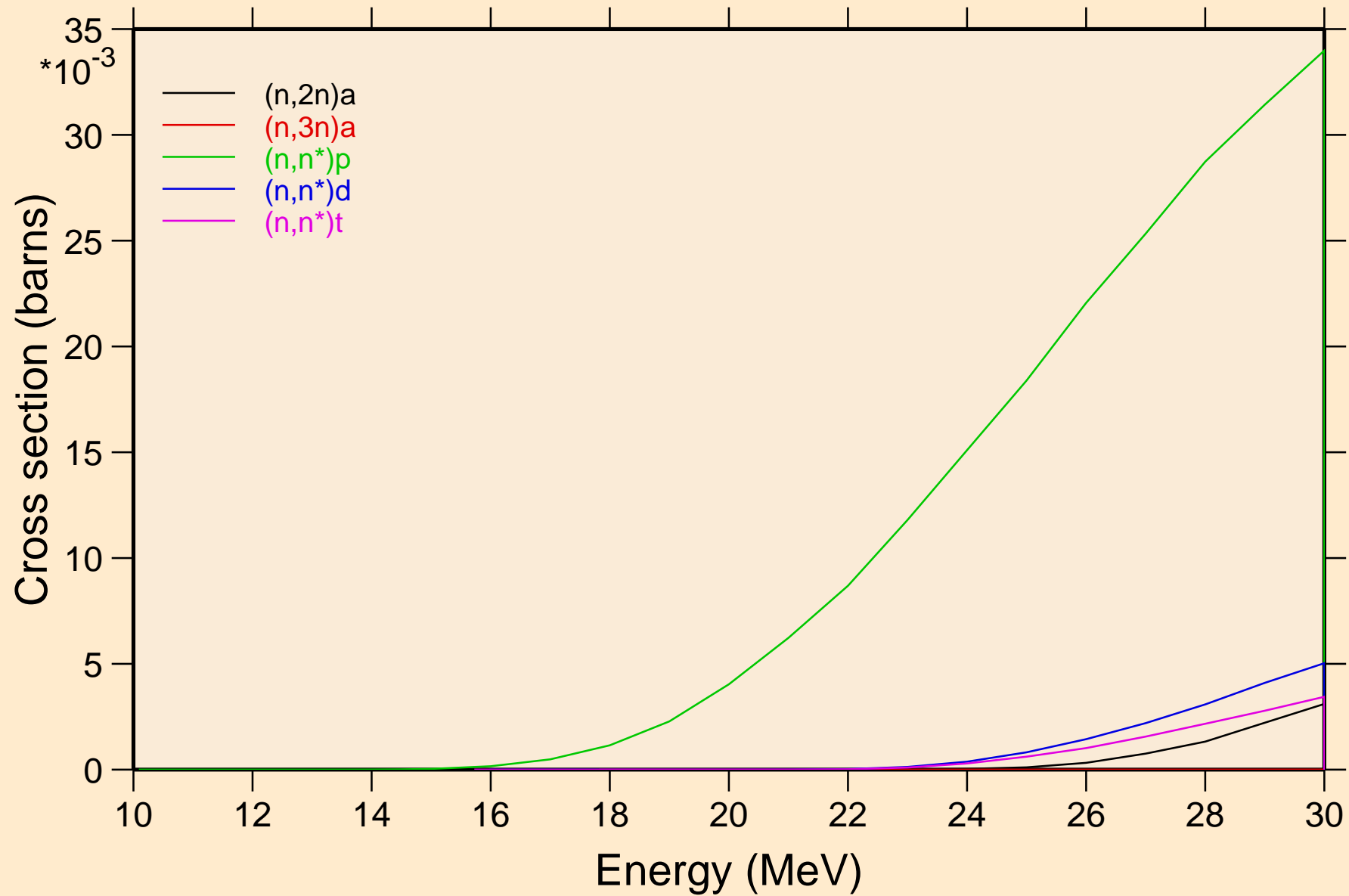
# TE130 NRG TENDL-2015, AKONING

## Threshold reactions



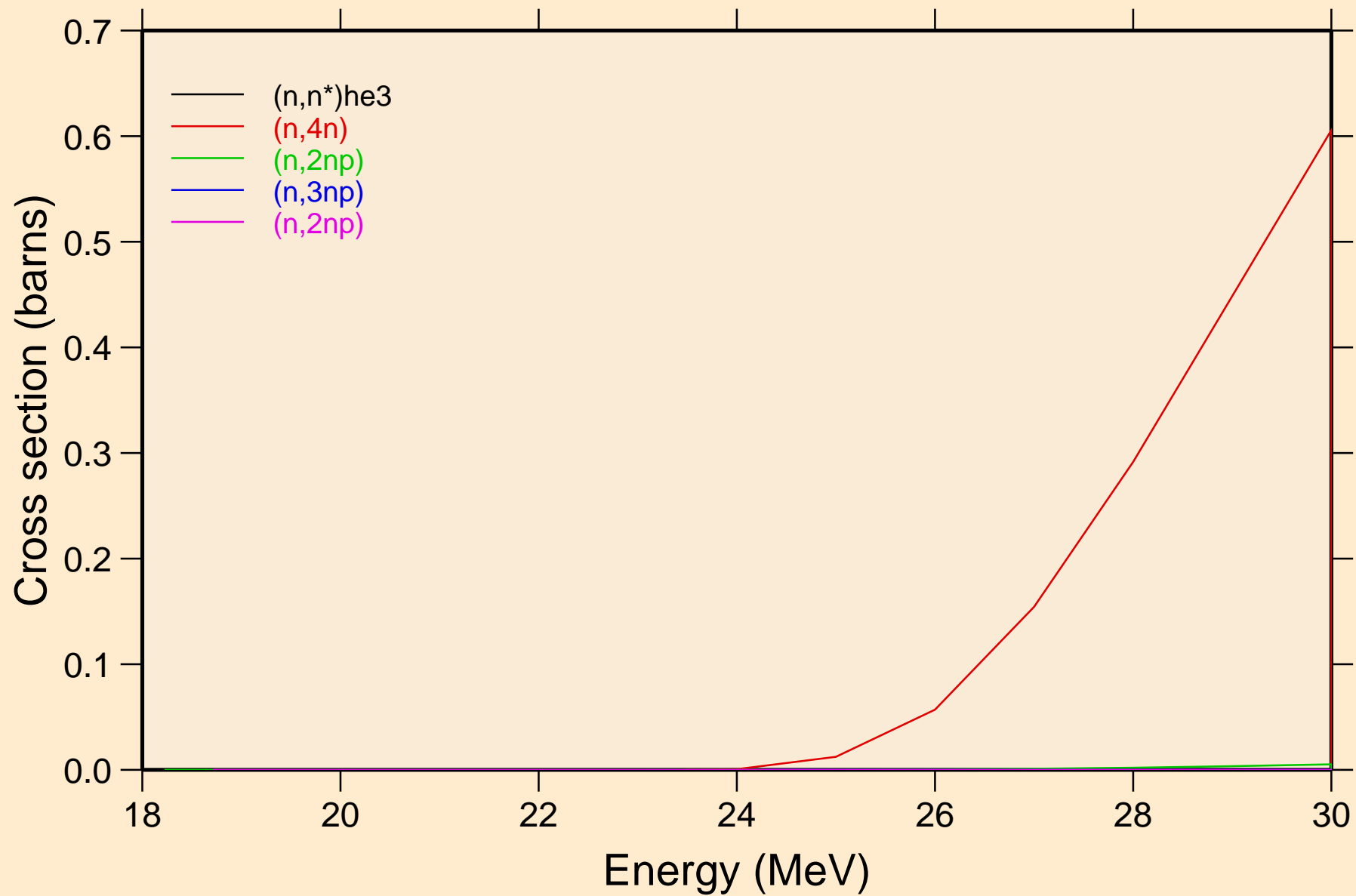
# TE130 NRG TENDL-2015, AKONING

## Threshold reactions



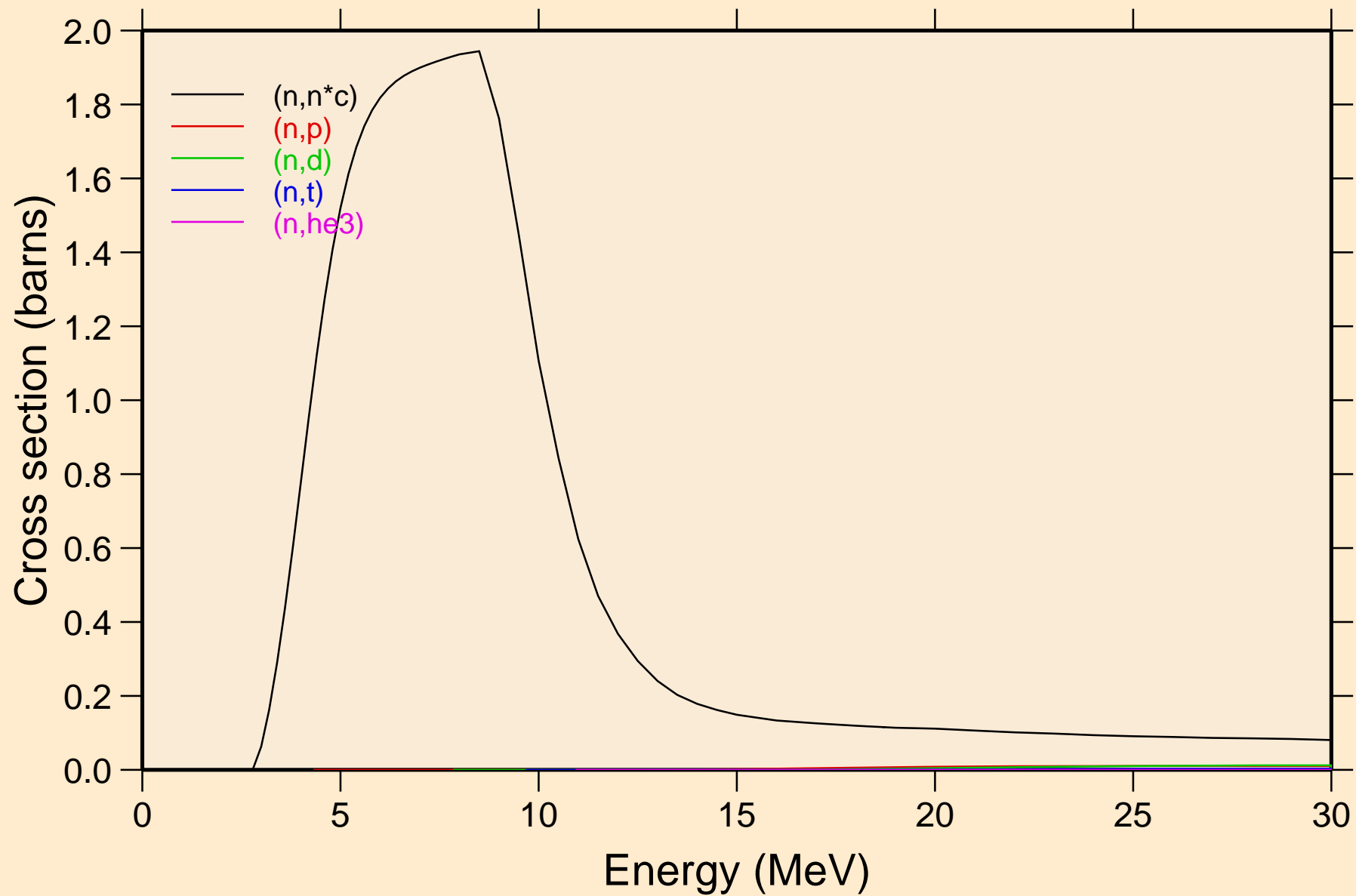
# TE130 NRG TENDL-2015, AKONING

## Threshold reactions



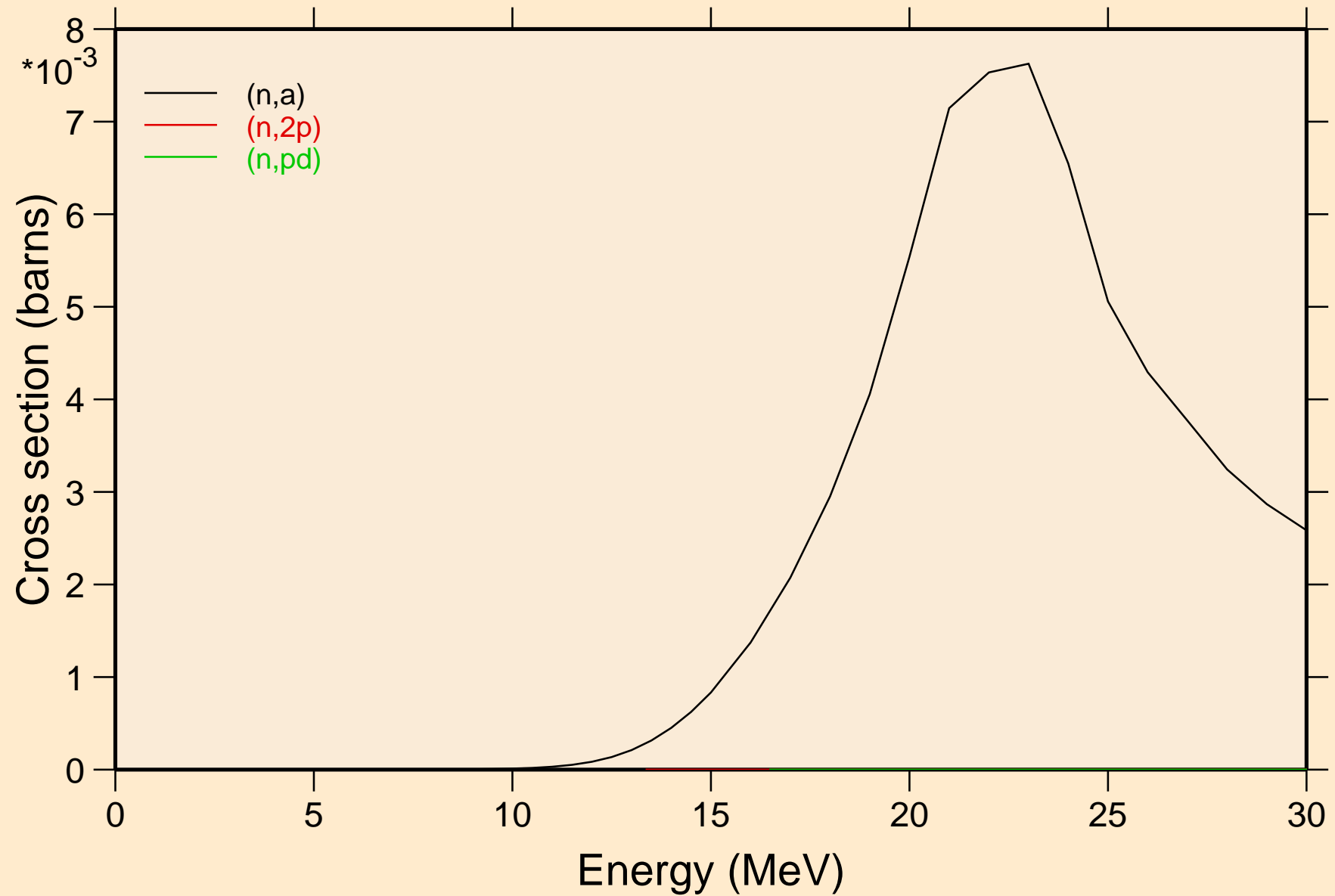
# TE130 NRG TENDL-2015, AKONING

## Threshold reactions

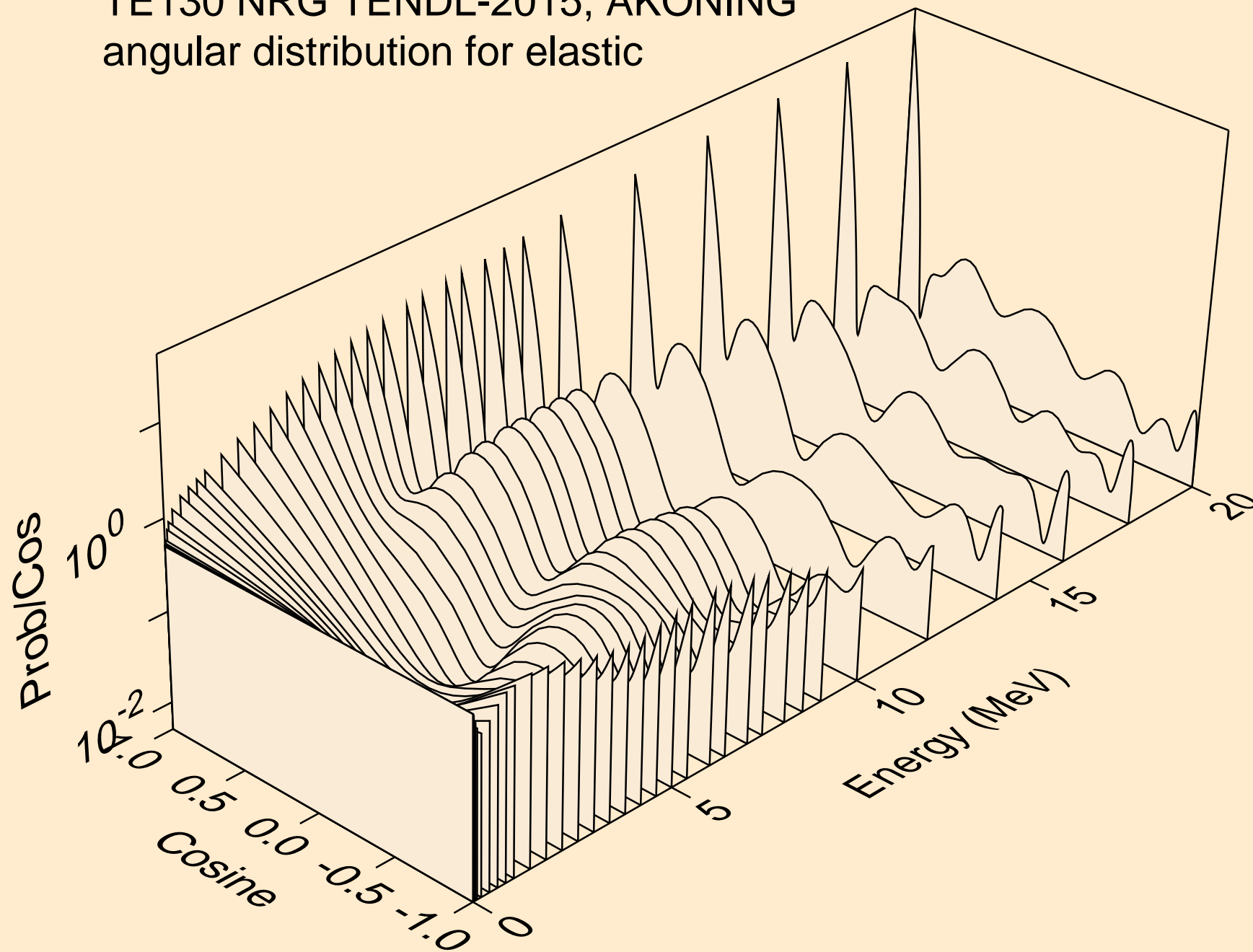


# TE130 NRG TENDL-2015, AKONING

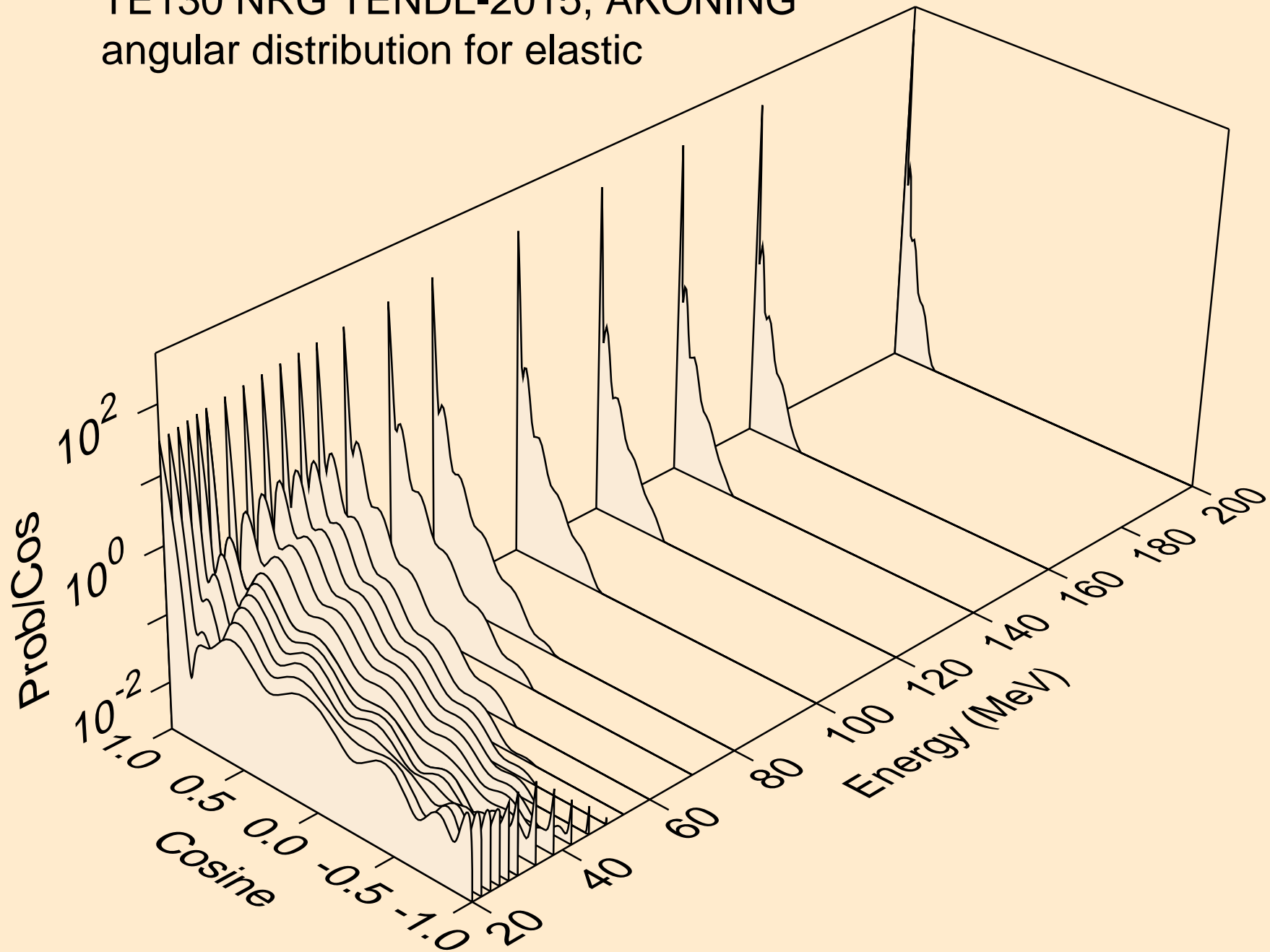
## Threshold reactions



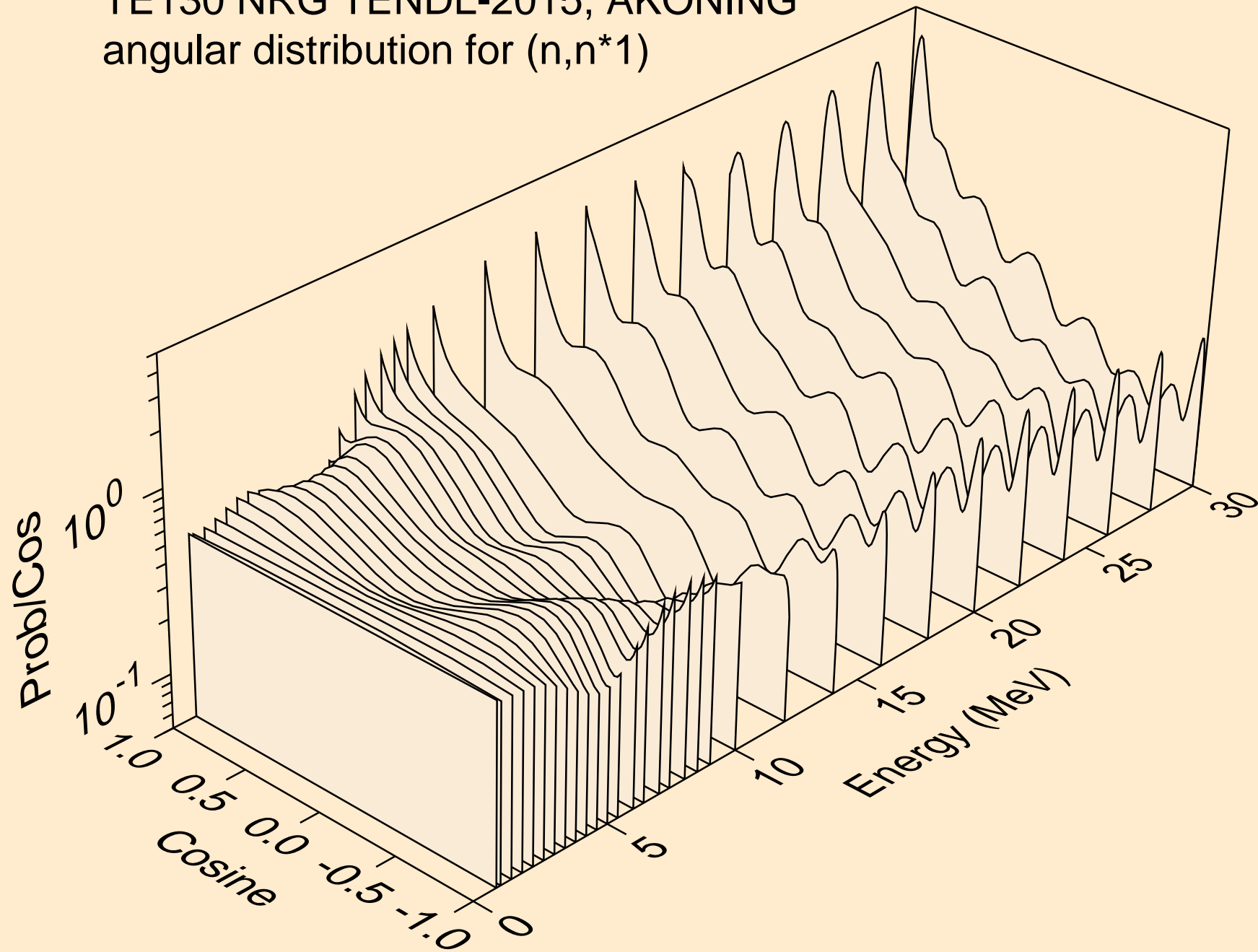
TE130 NRG TENDL-2015, AKONING  
angular distribution for elastic



TE130 NRG TENDL-2015, AKONING  
angular distribution for elastic

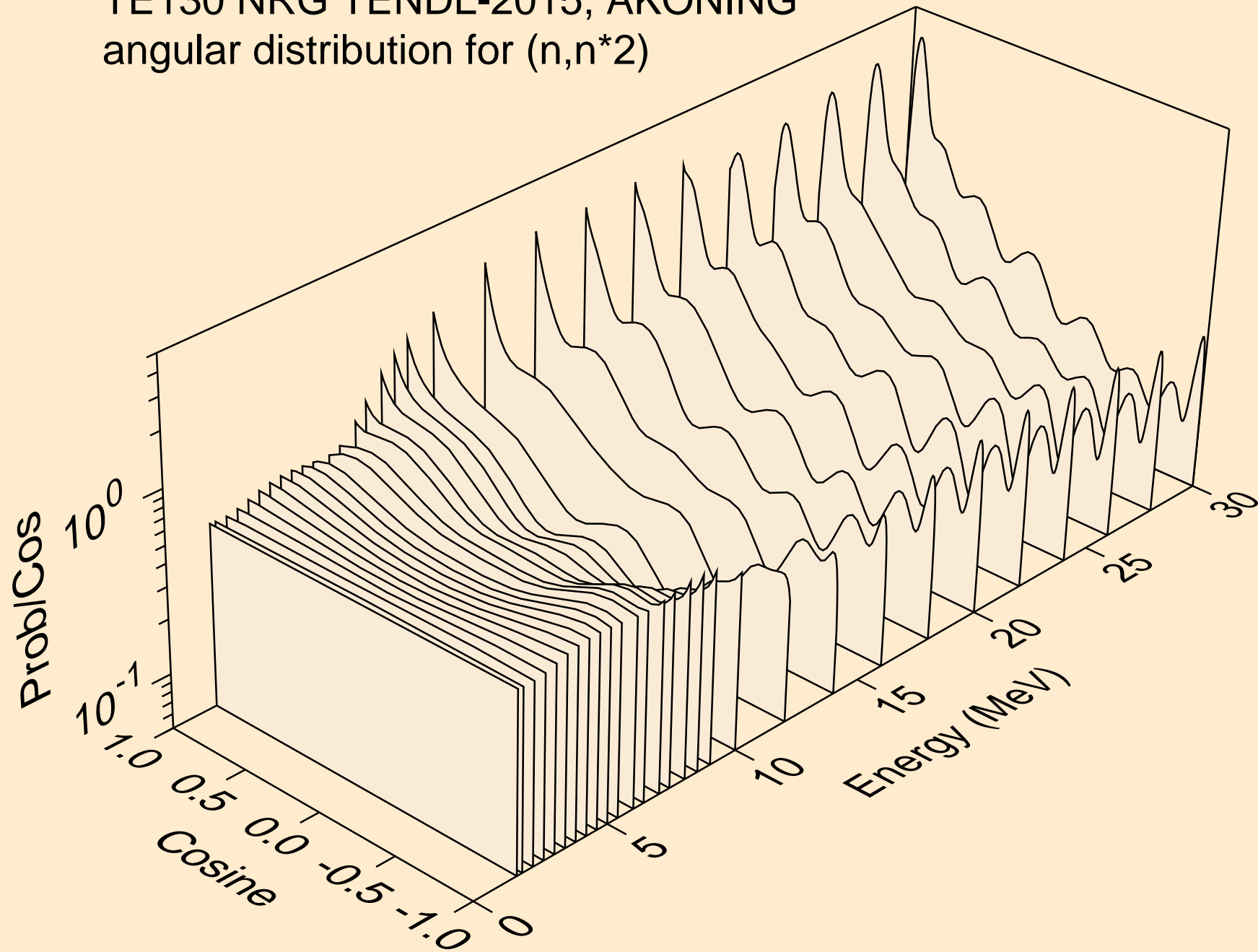


TE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

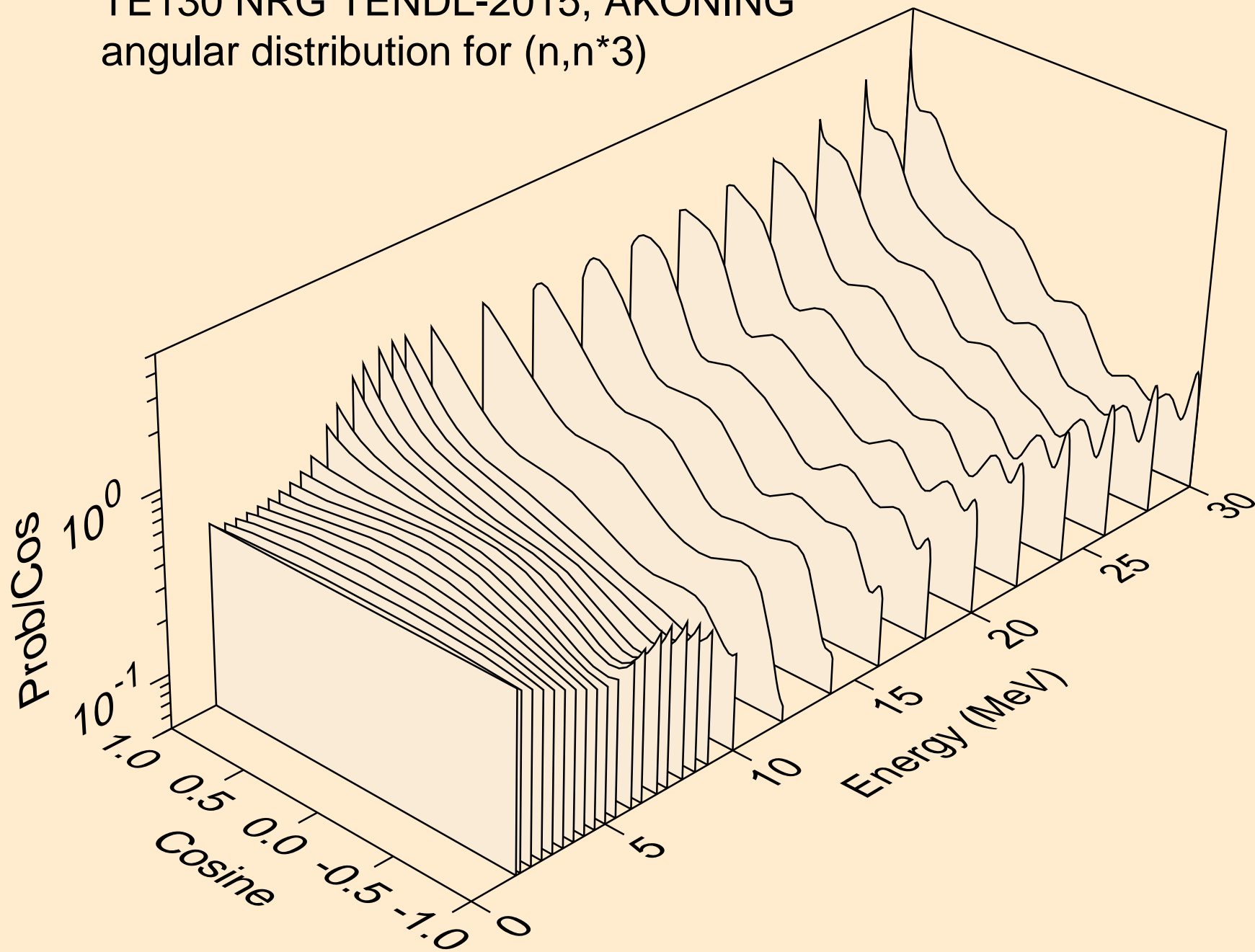




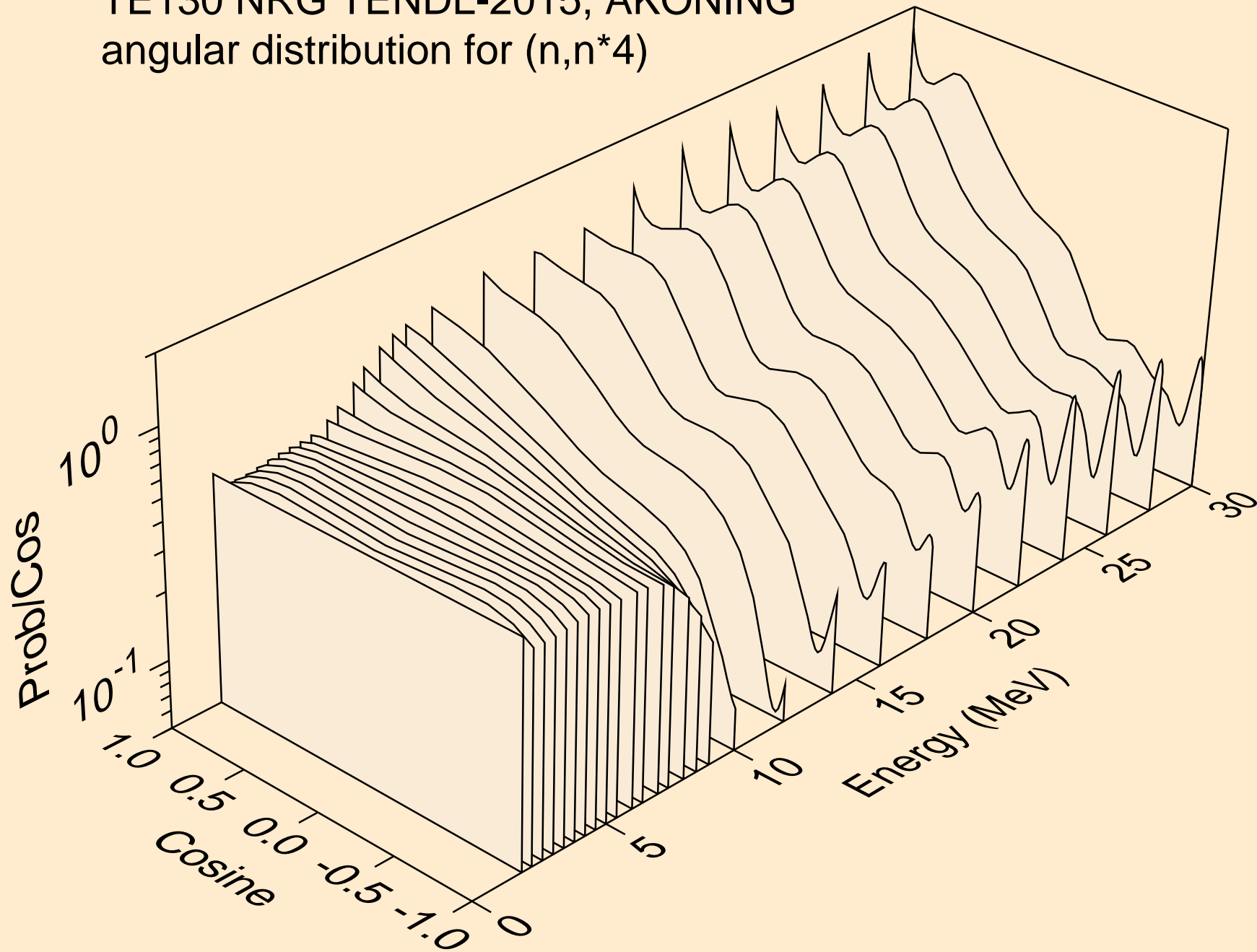
TE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



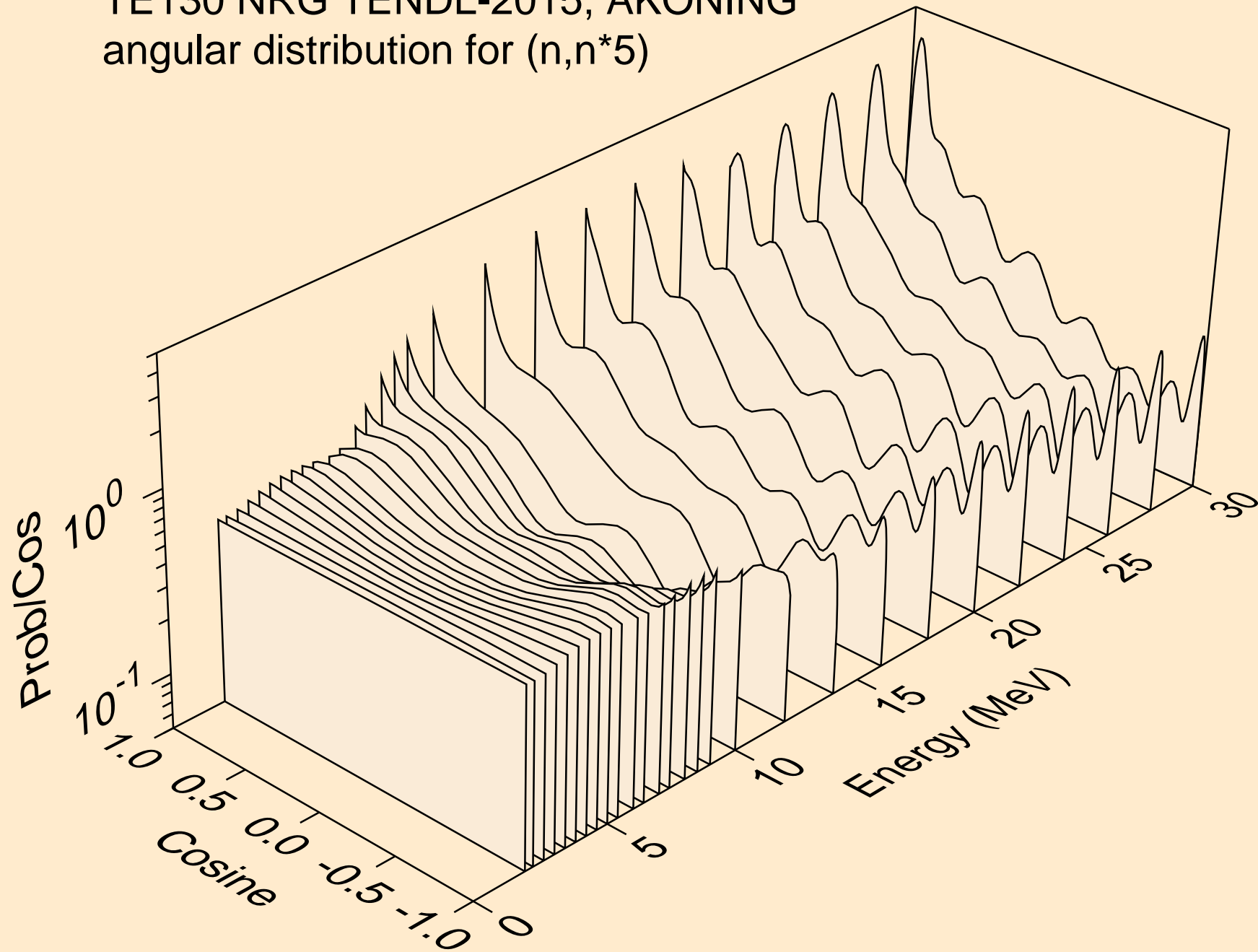
TE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



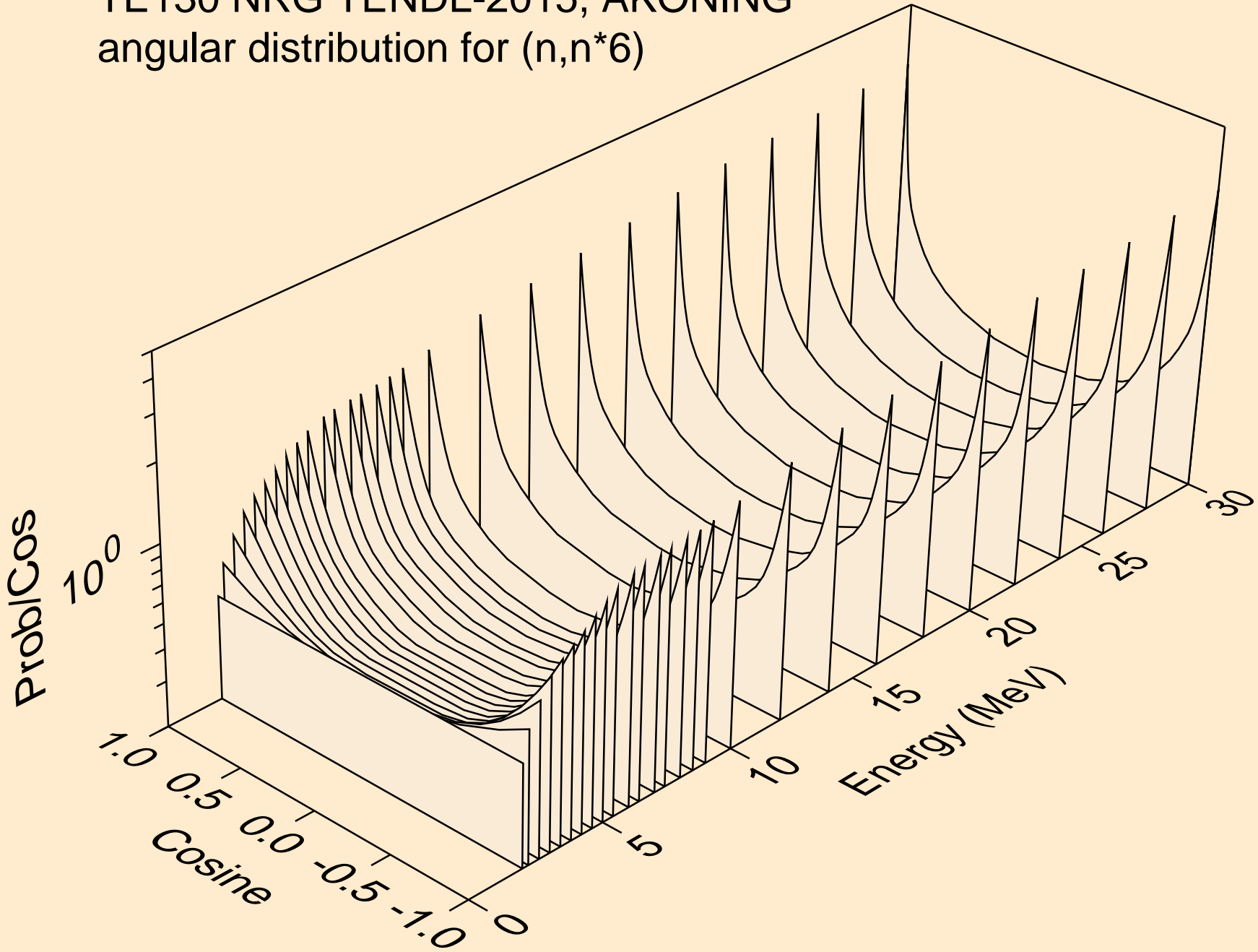
TE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



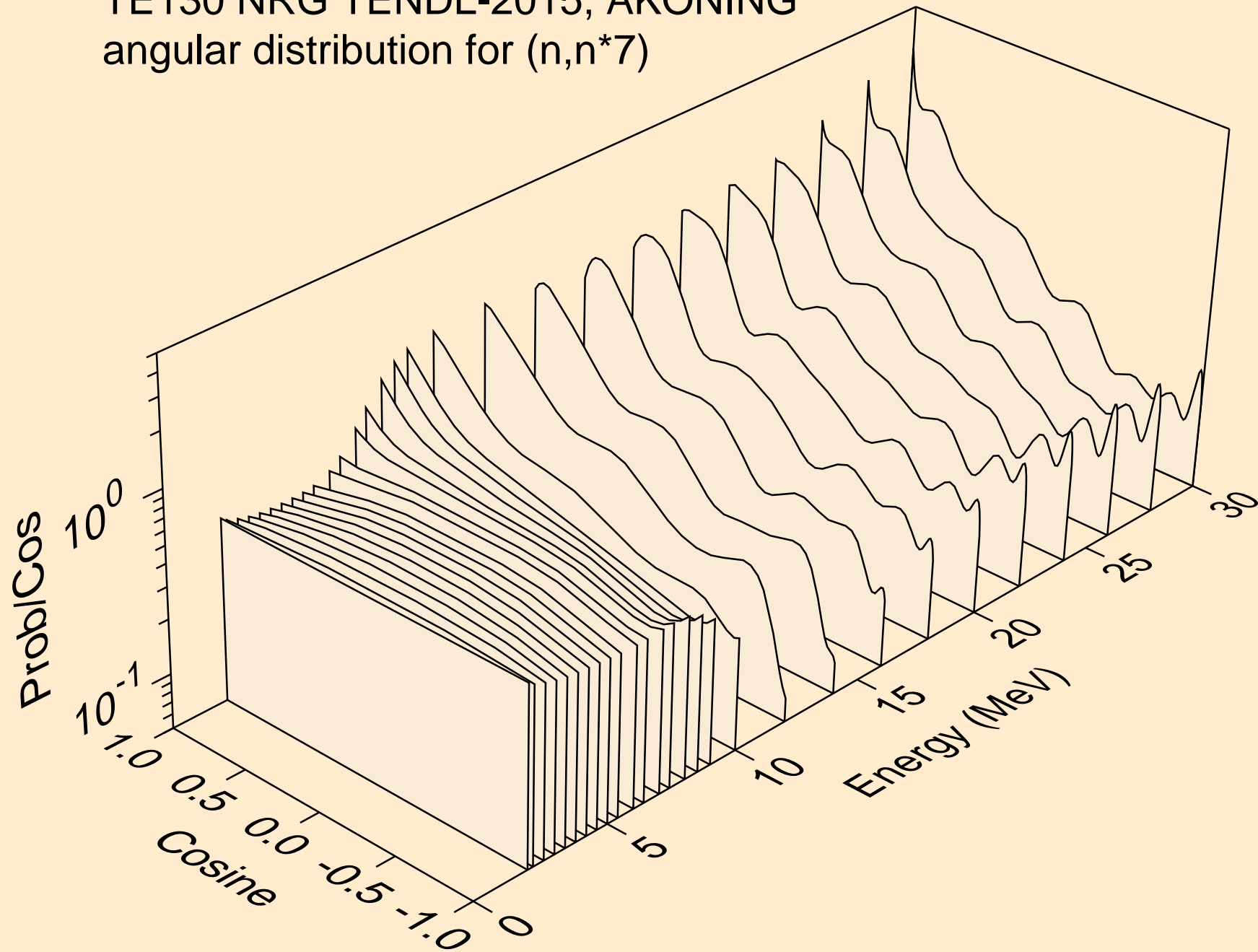
TE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



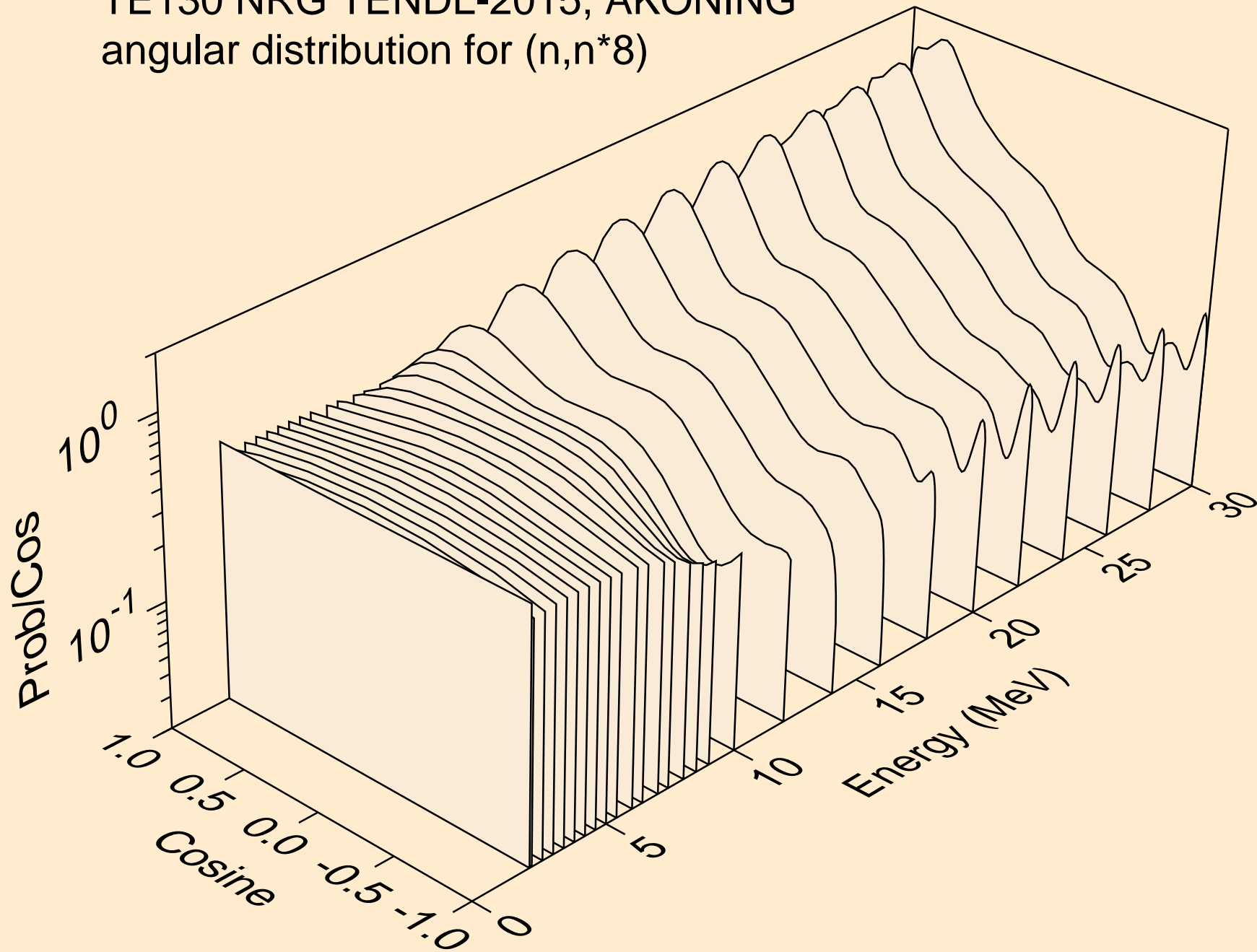
TE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



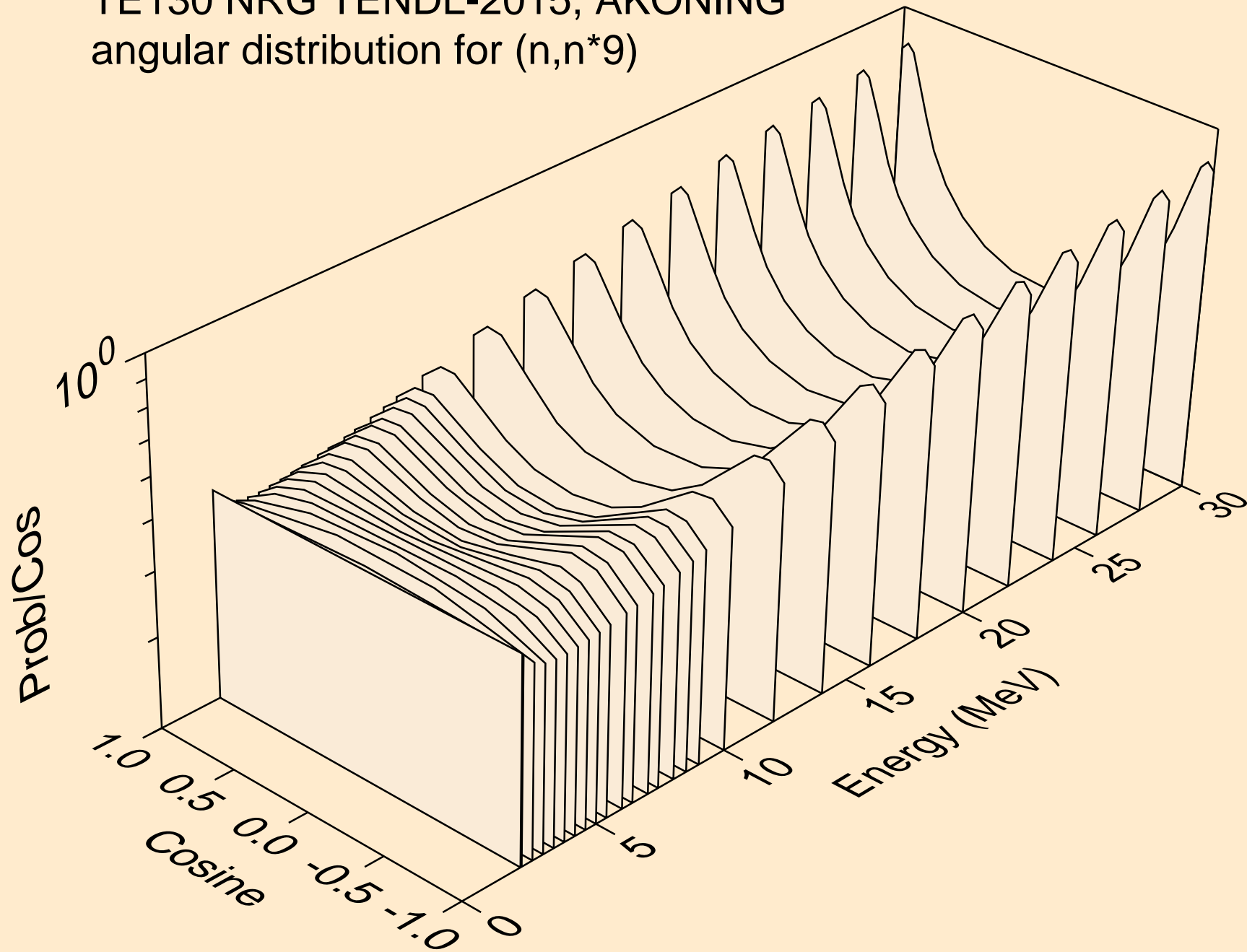
TE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



TE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

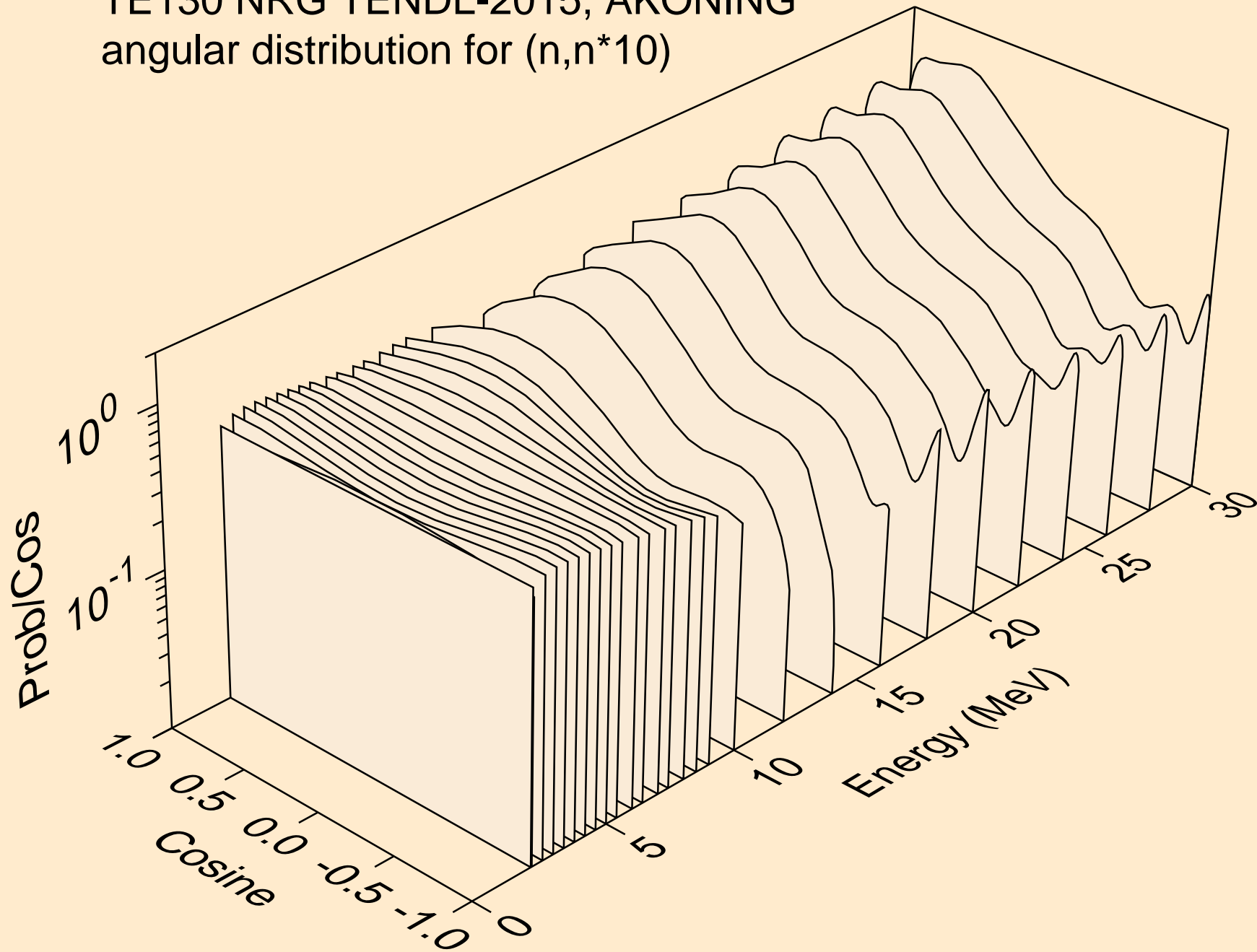


TE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)

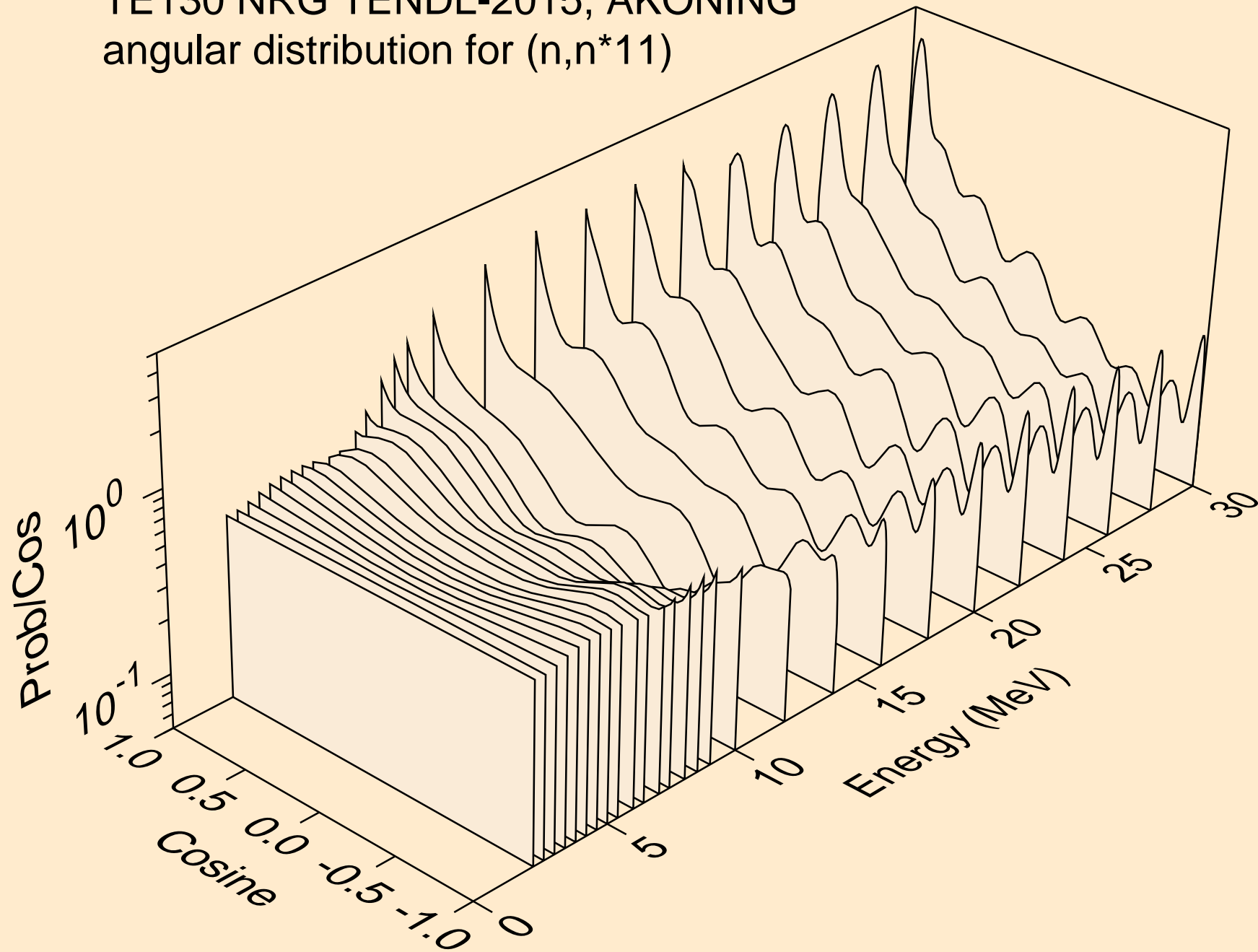




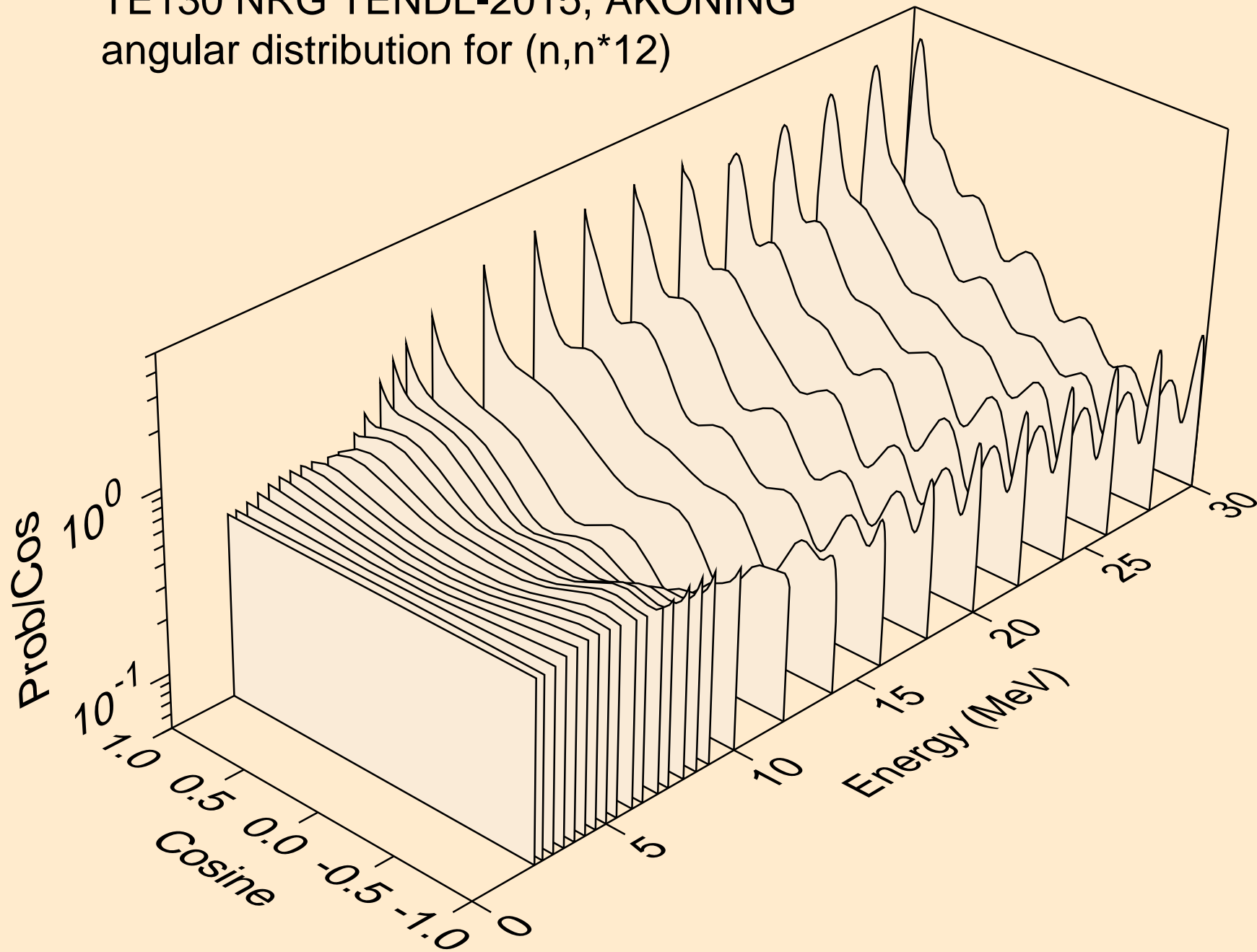
TE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



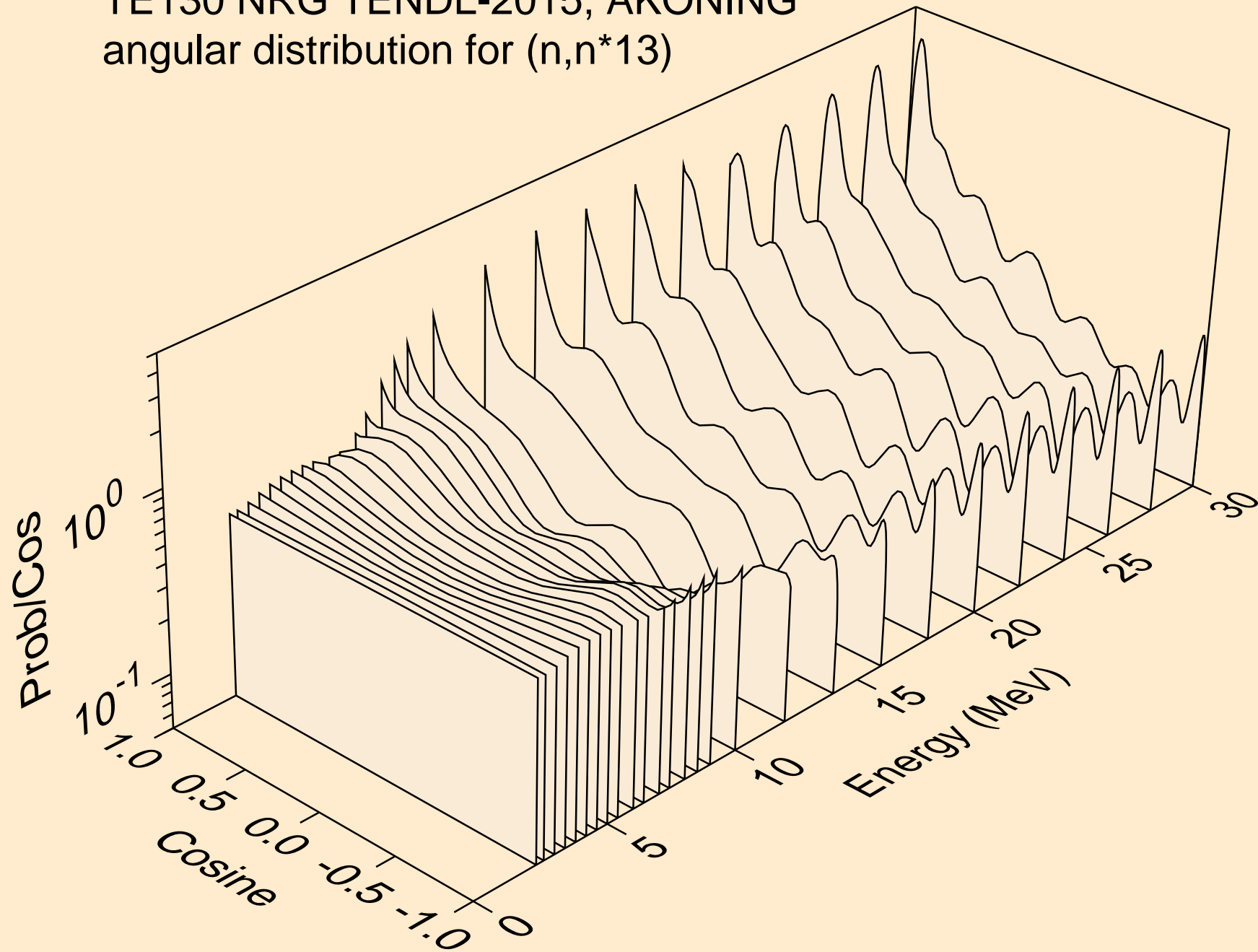
TE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



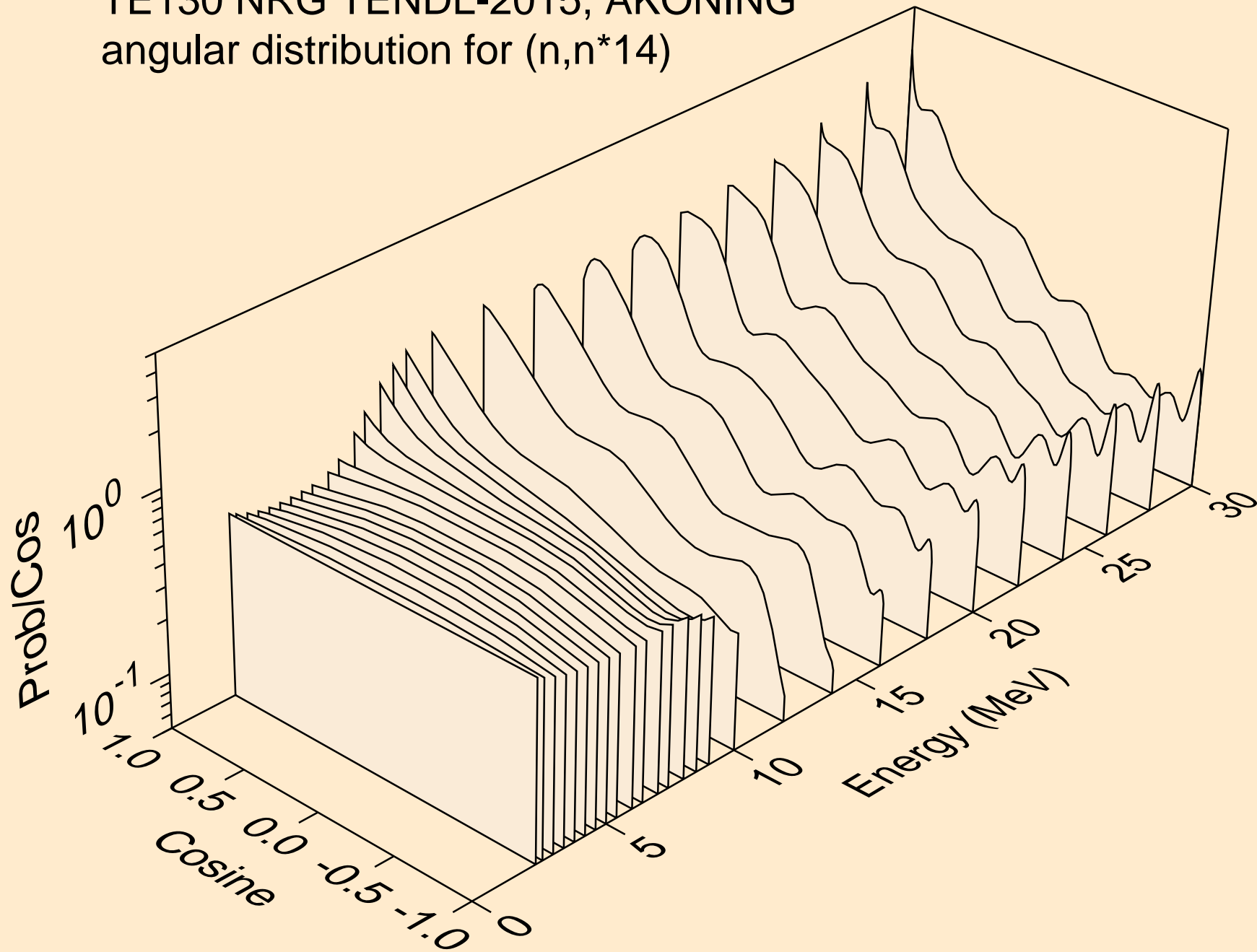
TE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



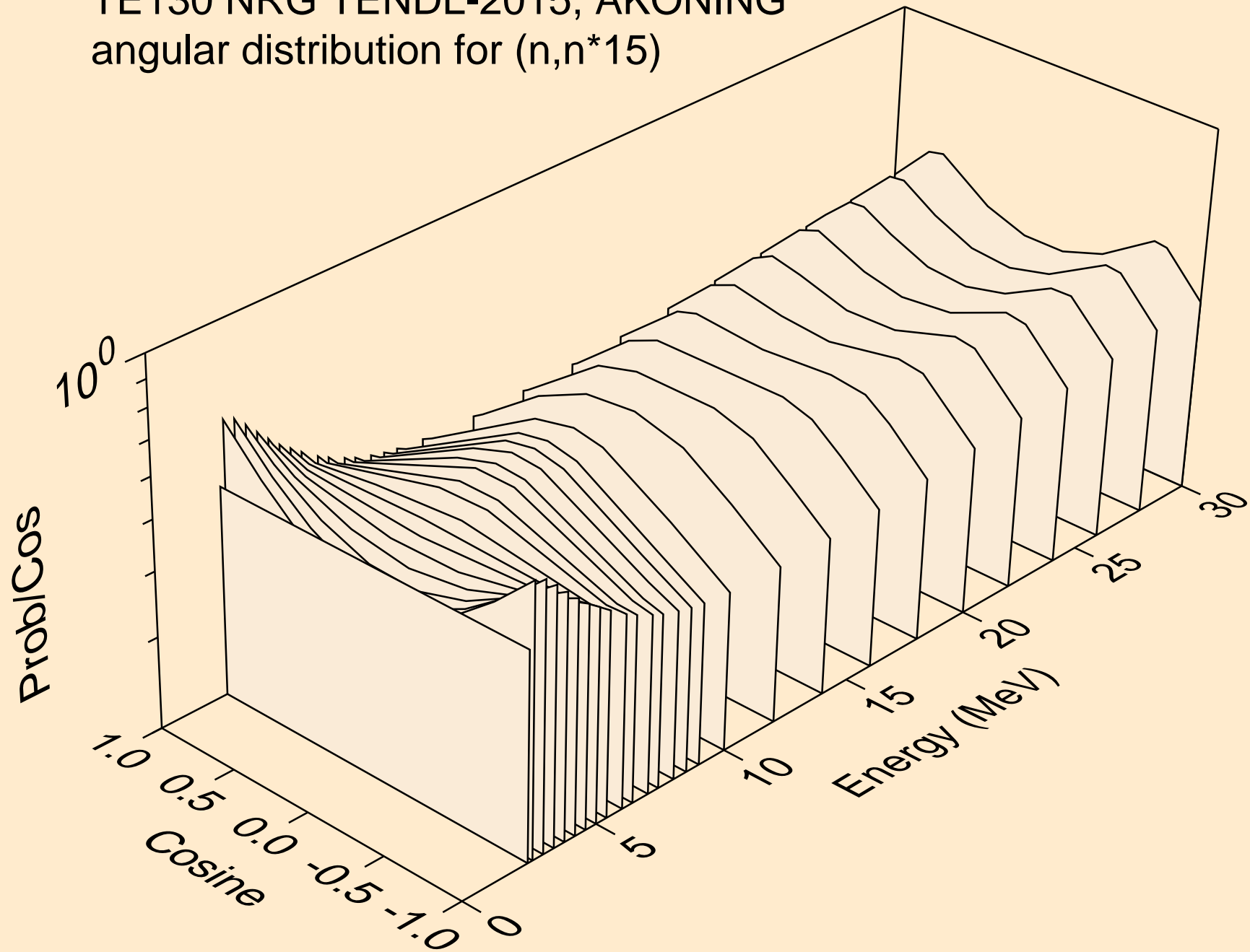
TE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



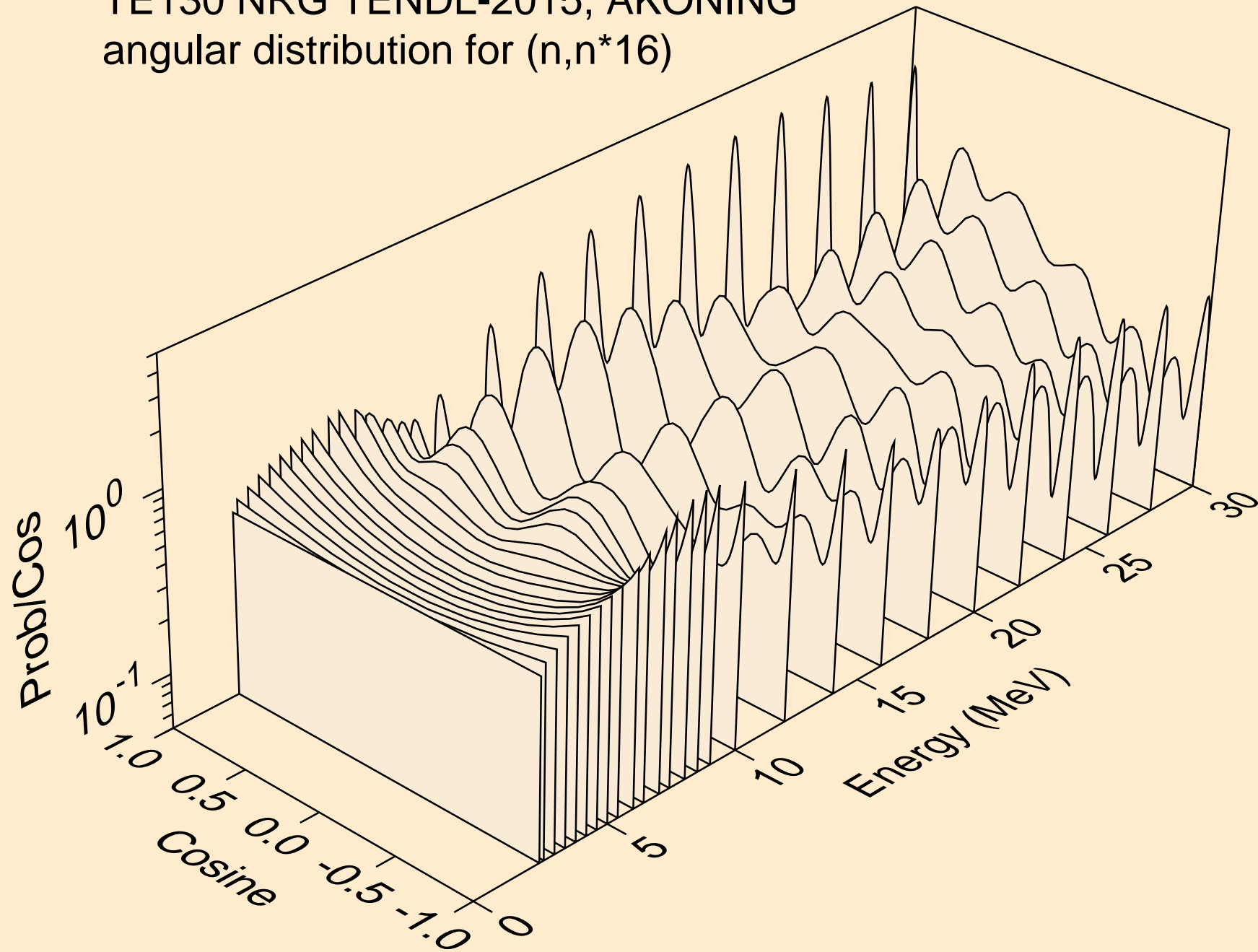
TE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



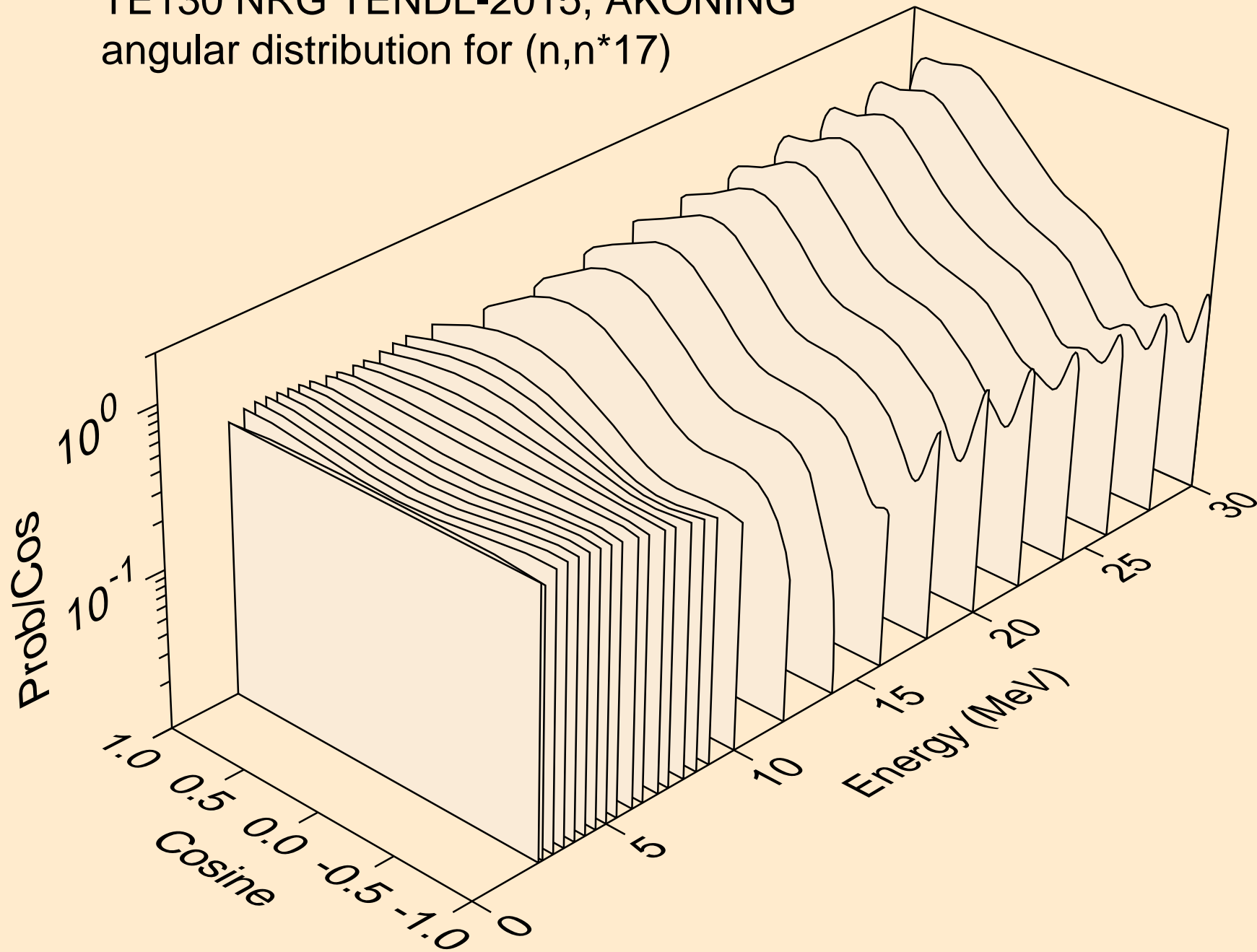
TE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



TE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)

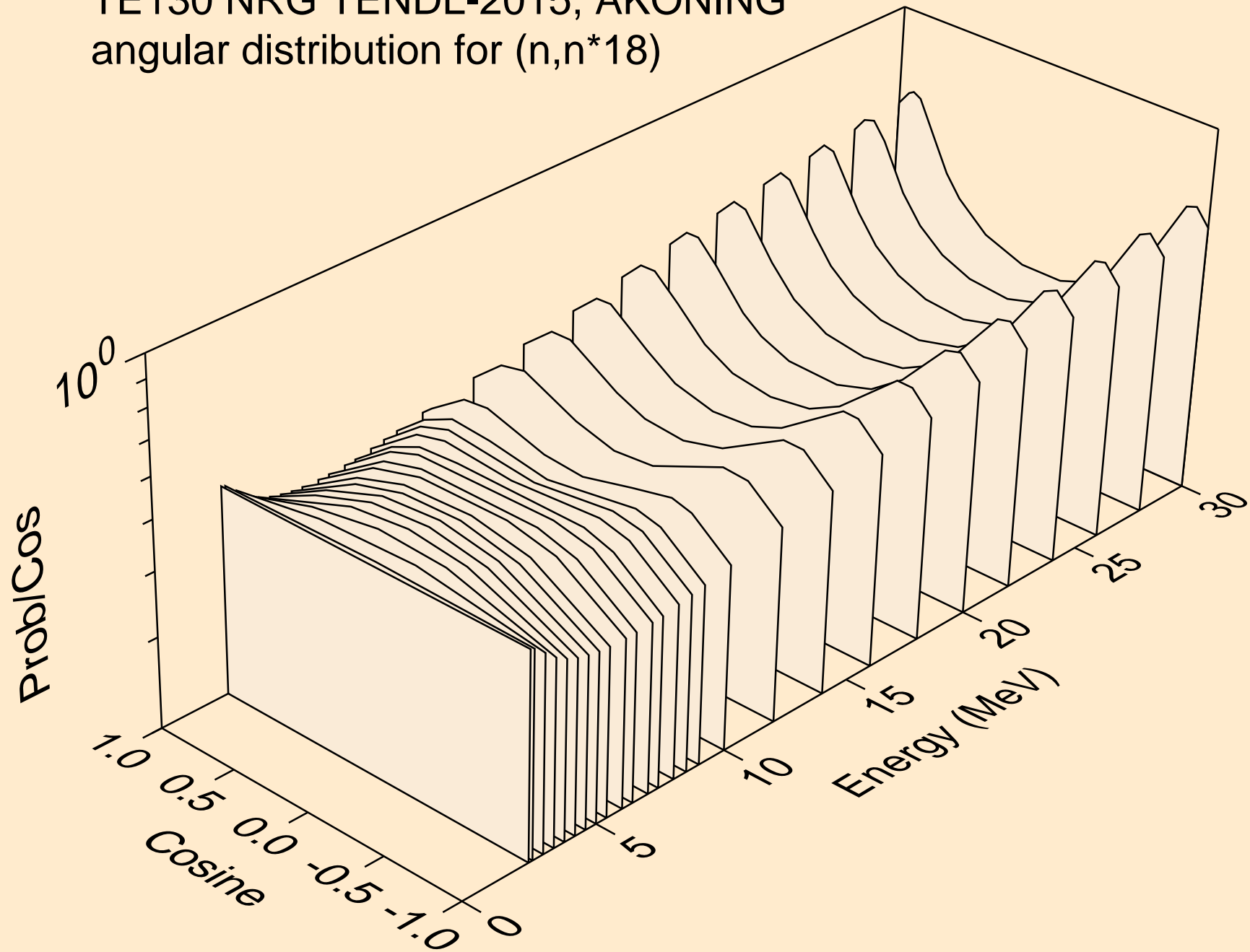


TE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)

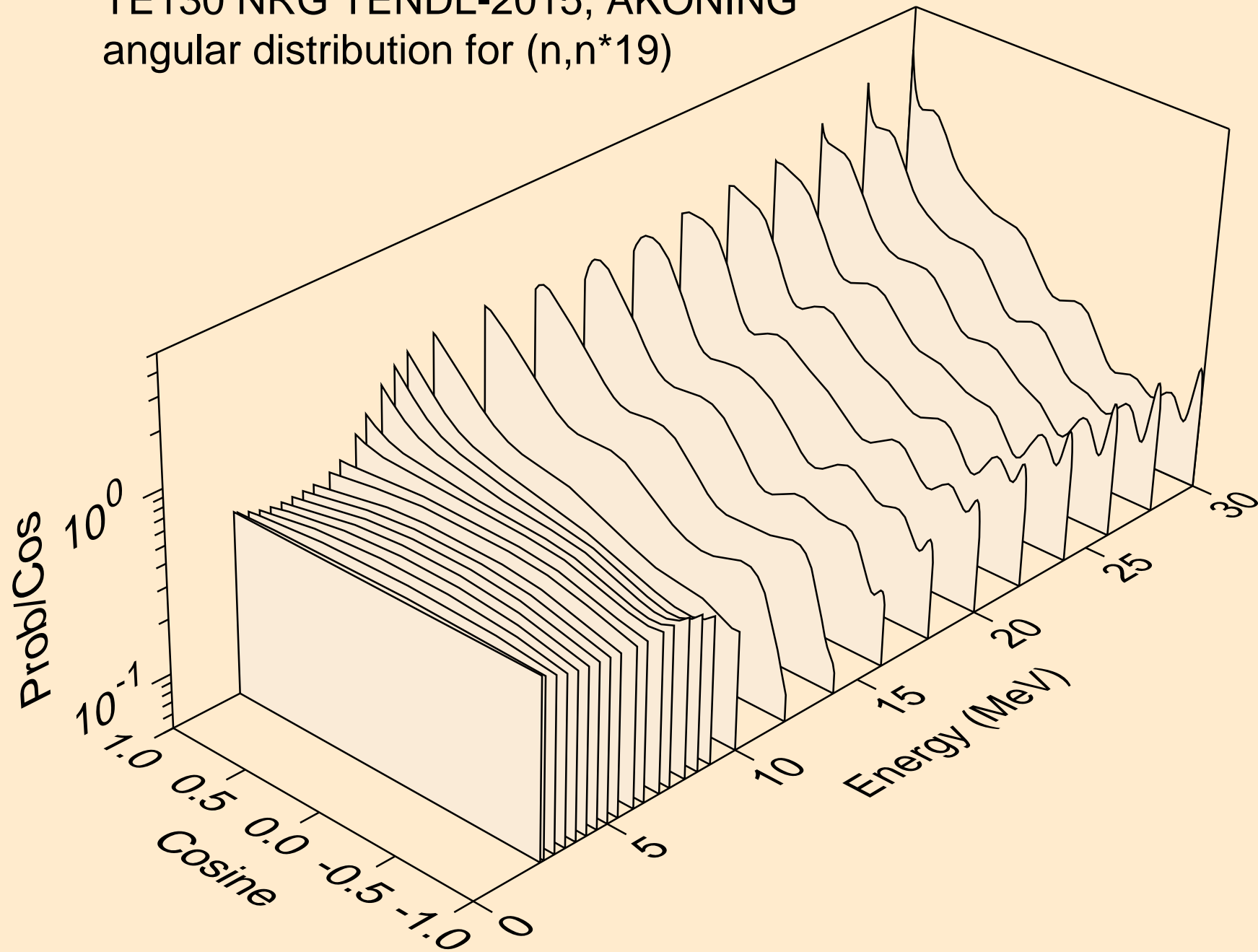




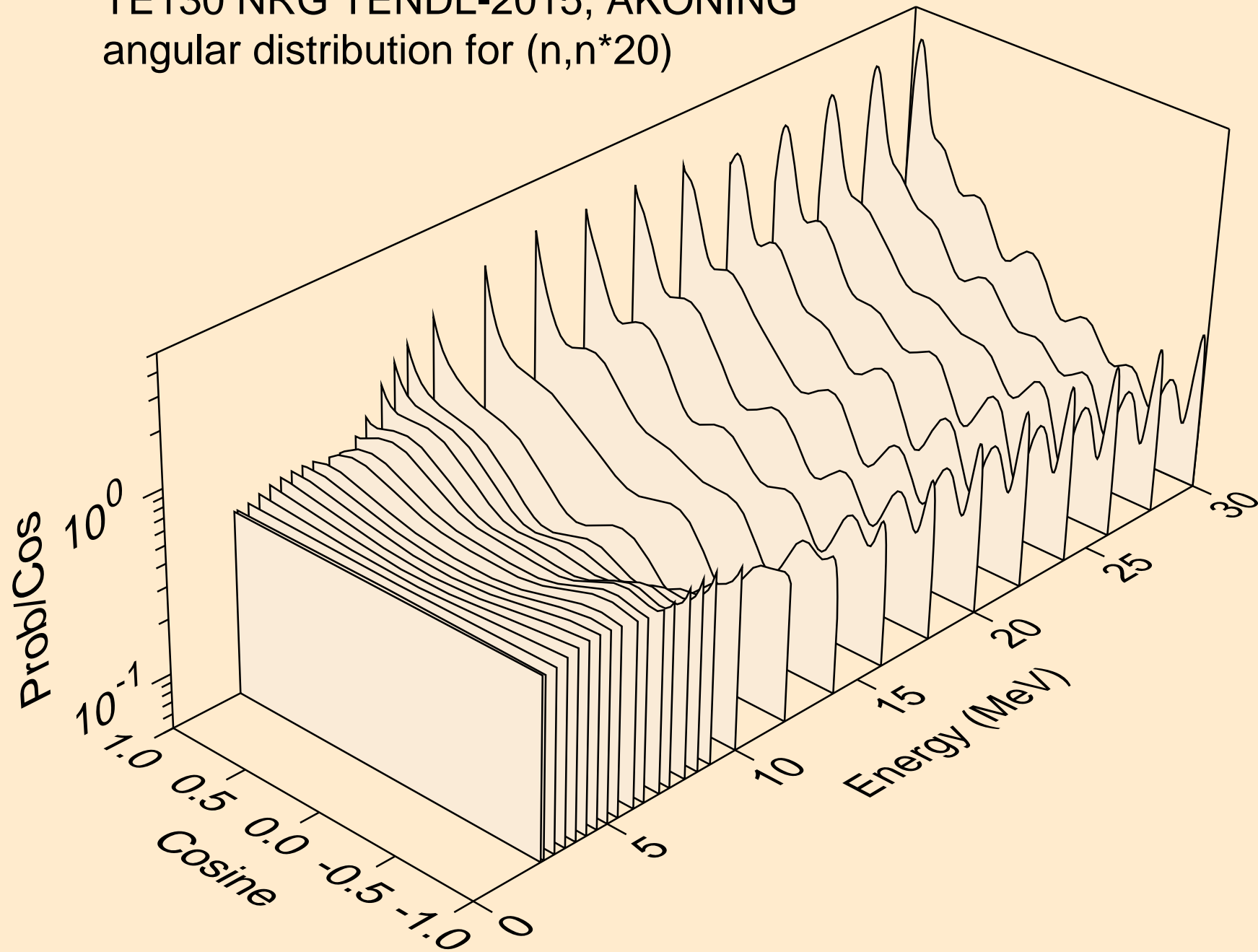
TE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



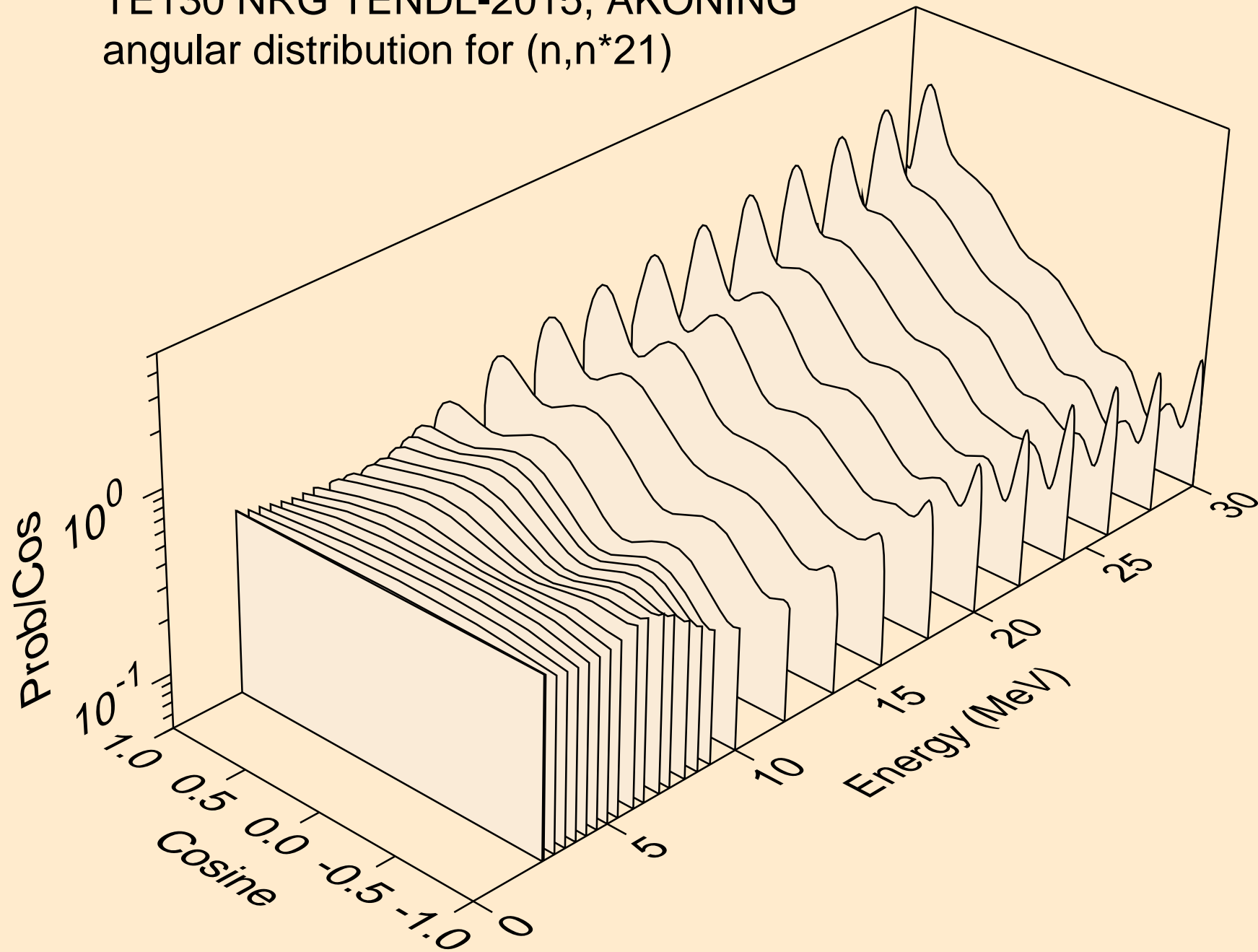
TE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



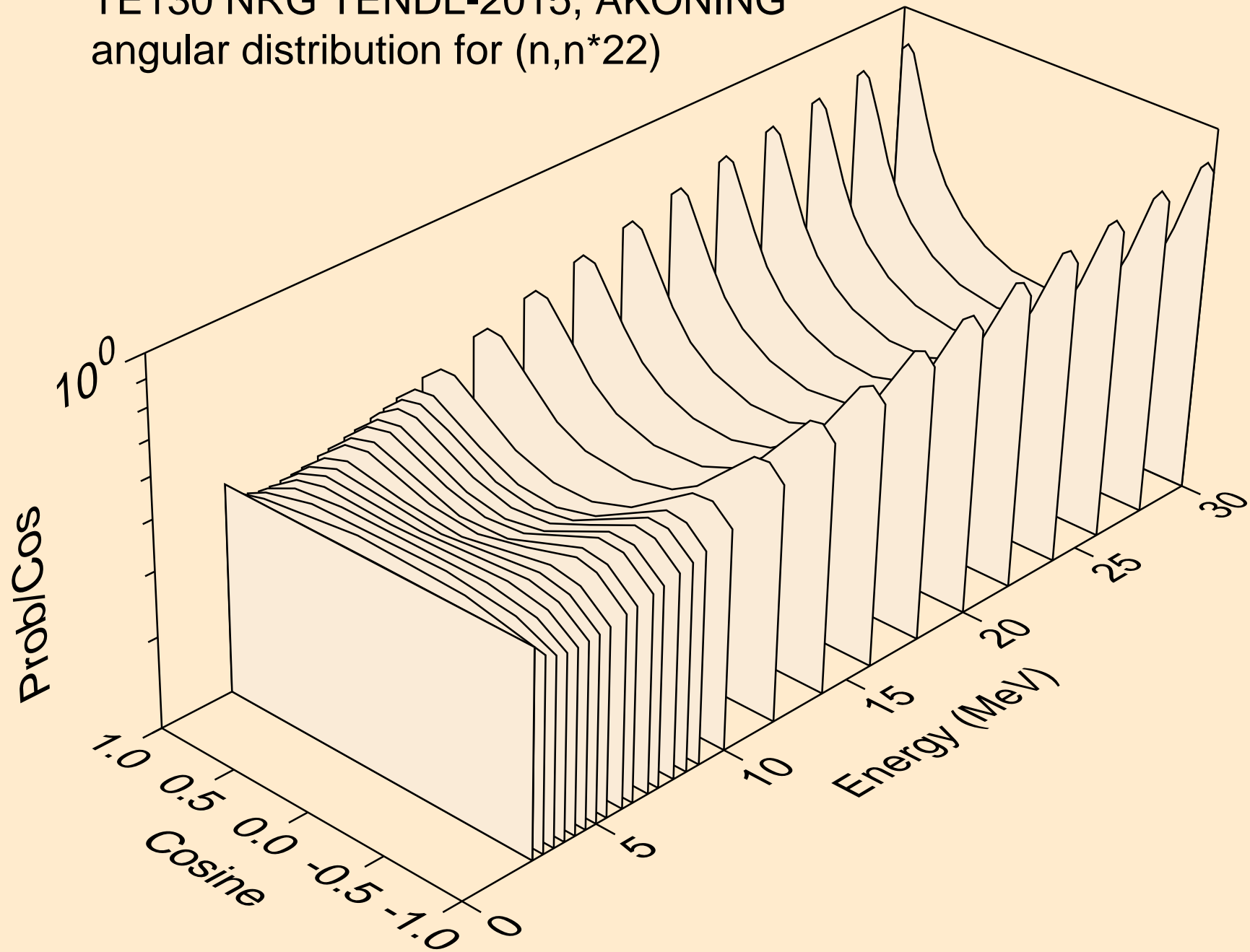
TE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



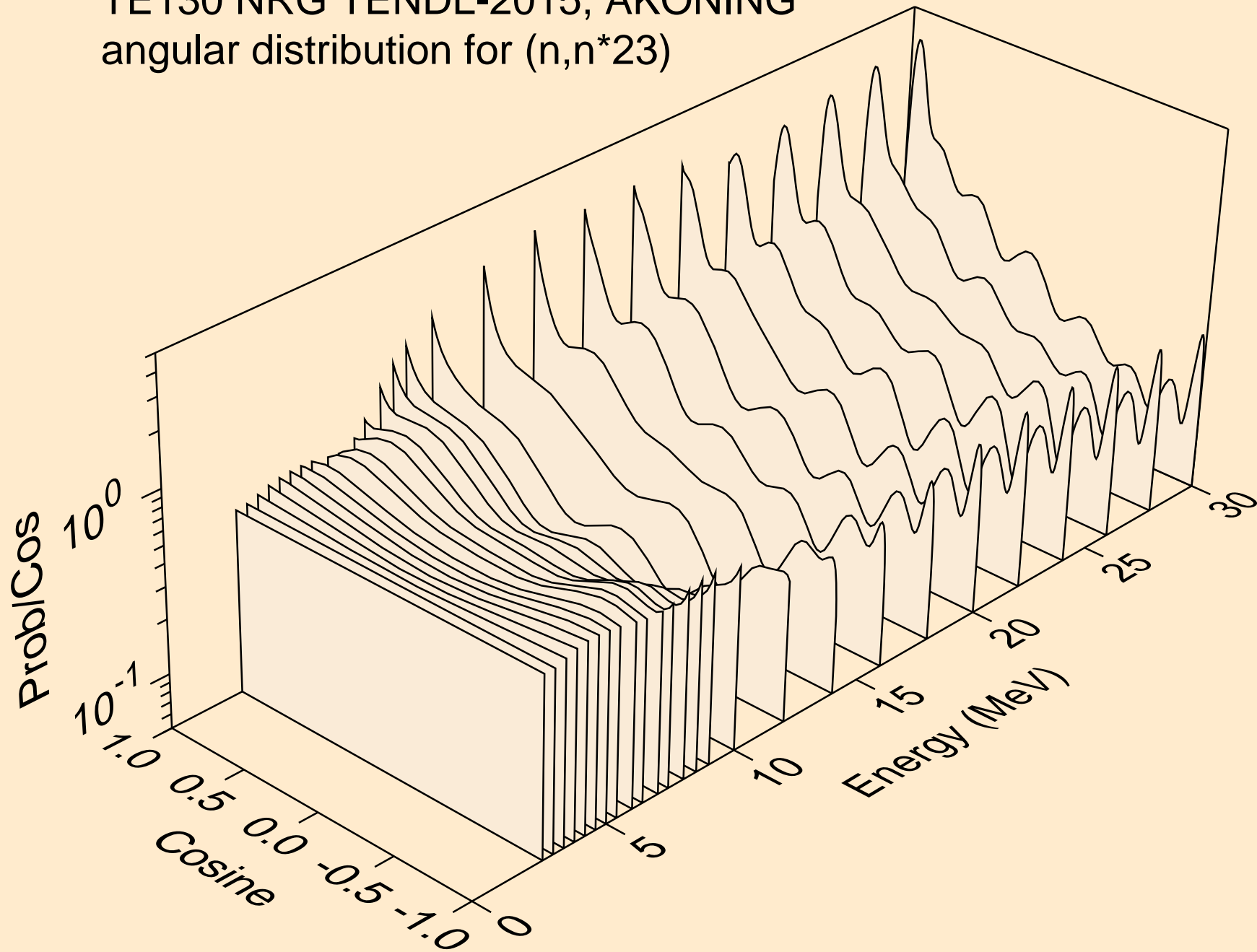
TE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



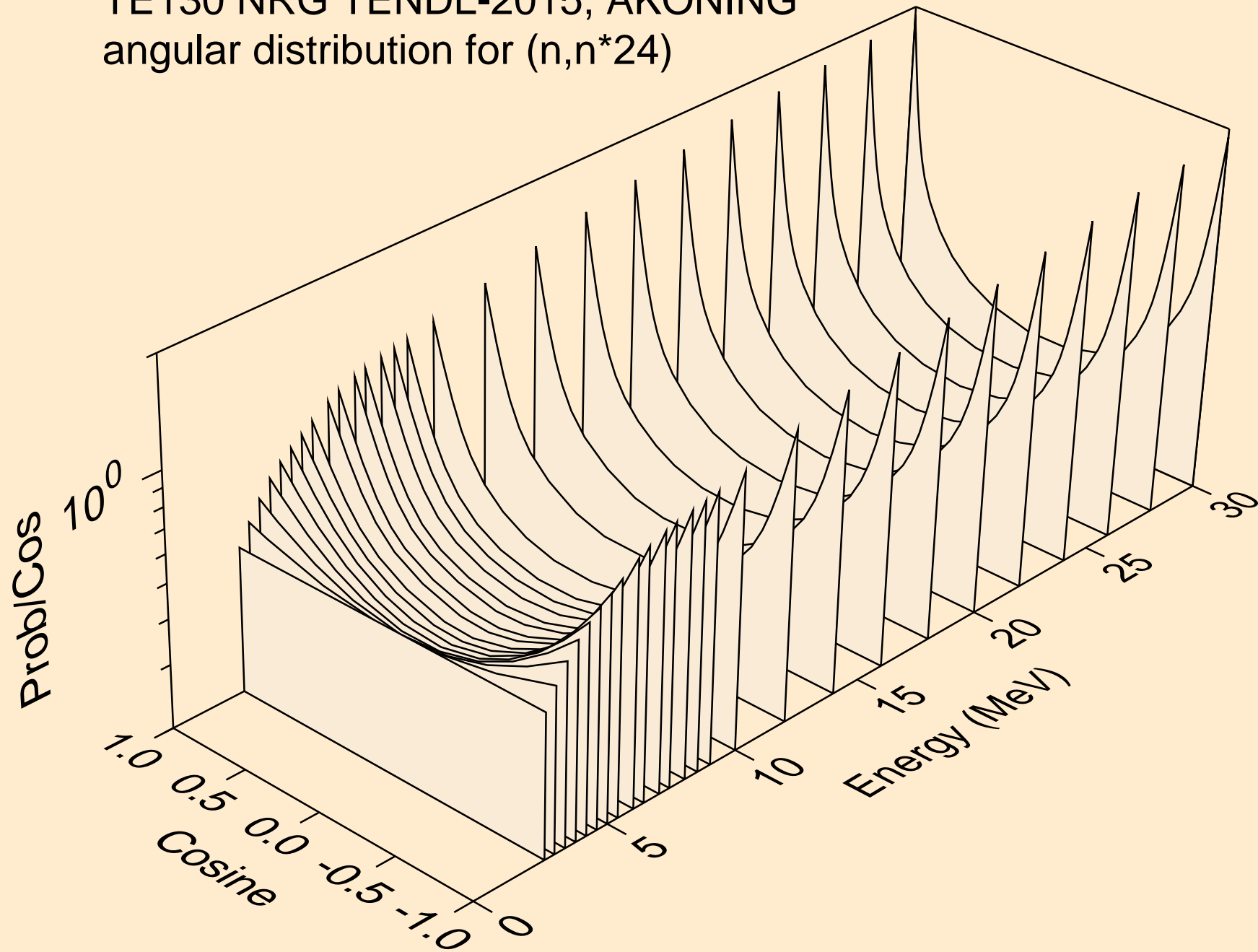
TE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



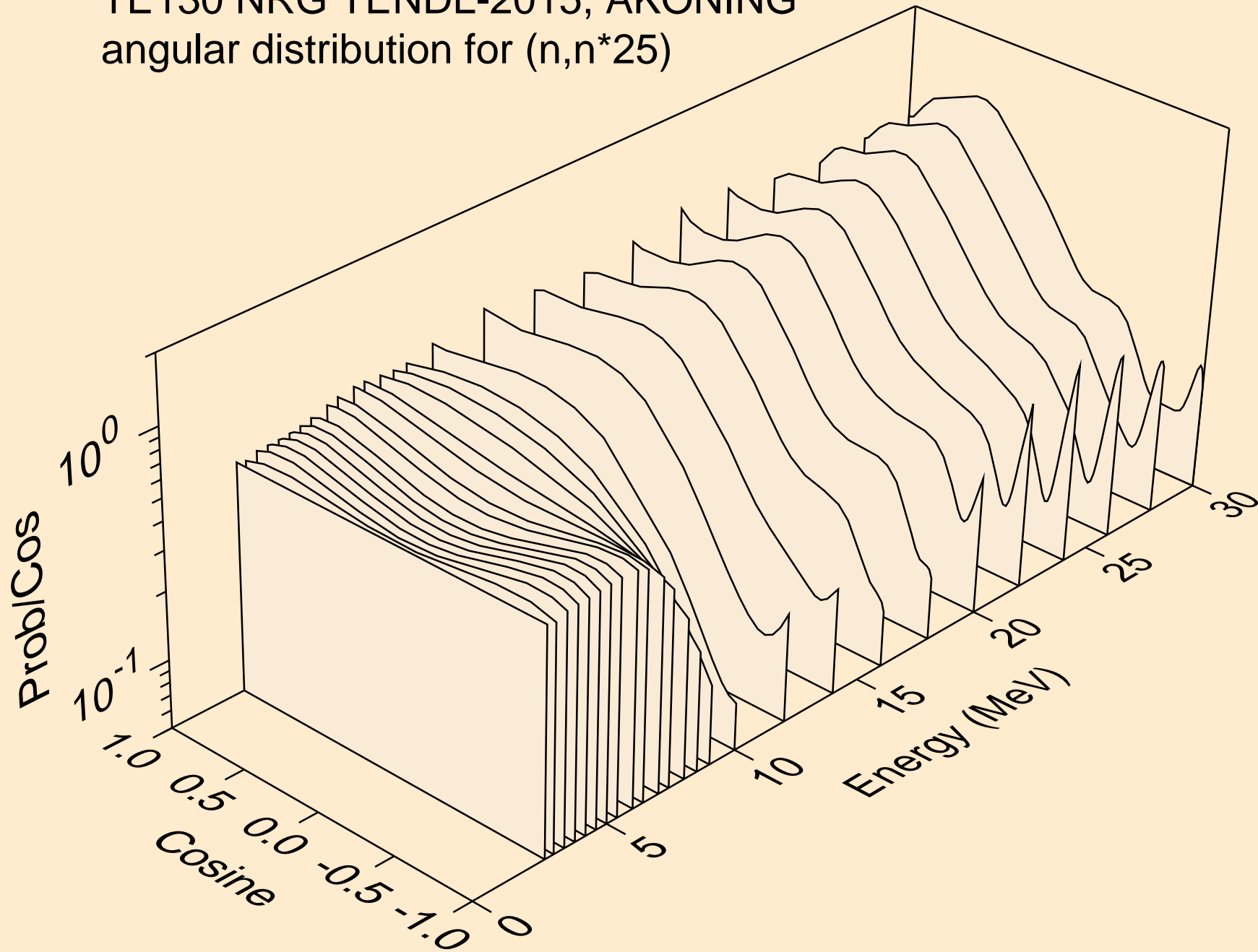
TE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



TE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)

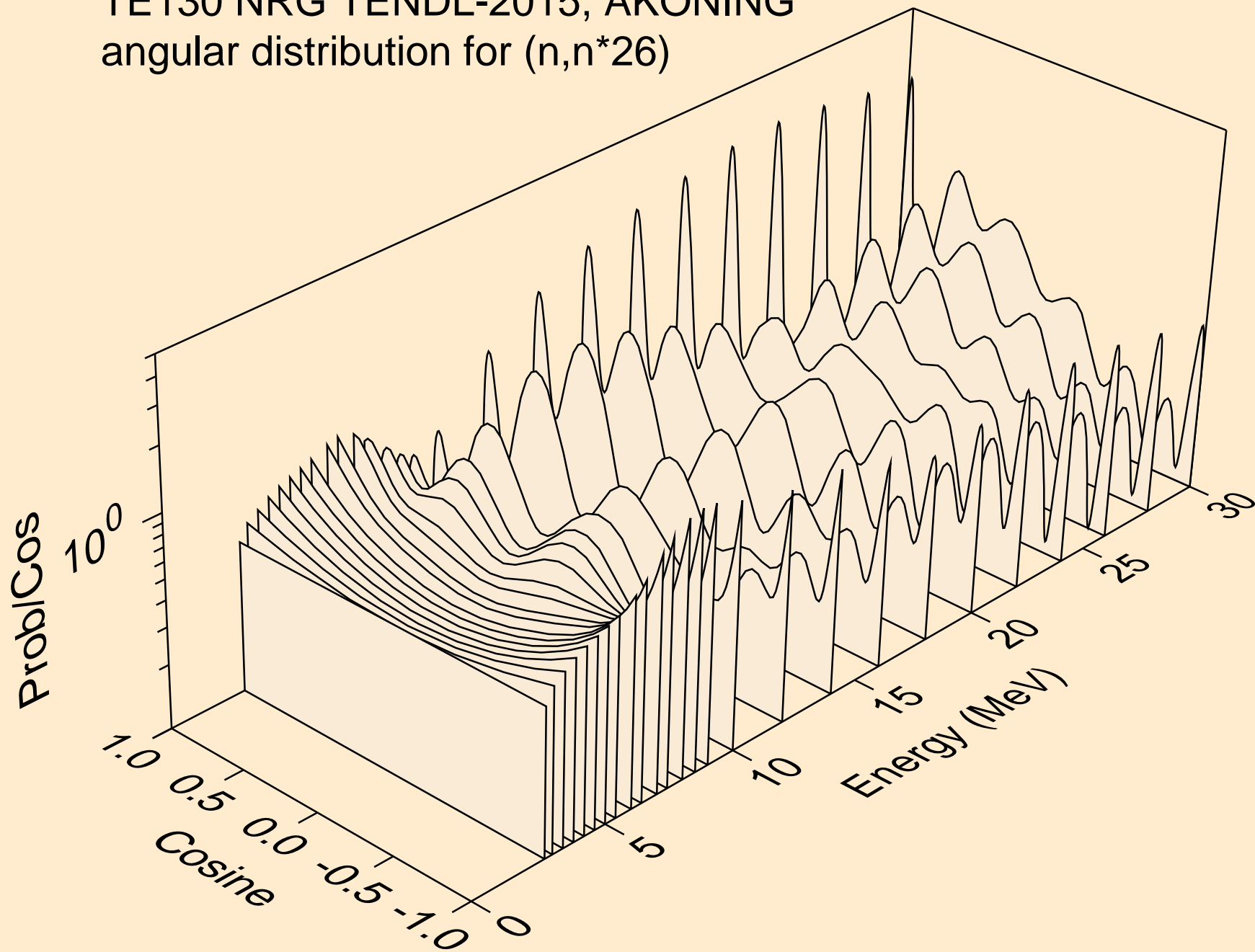


TE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)

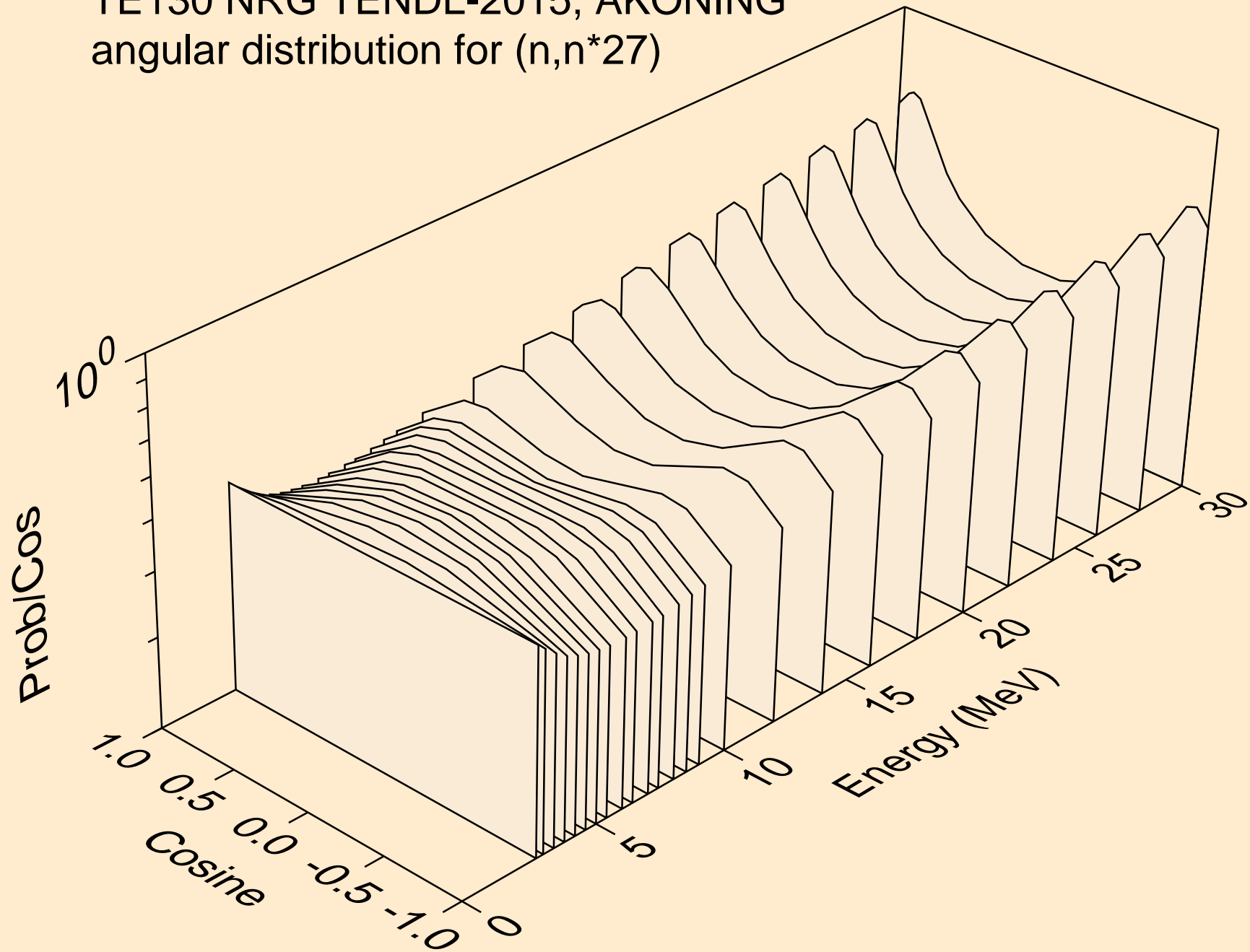




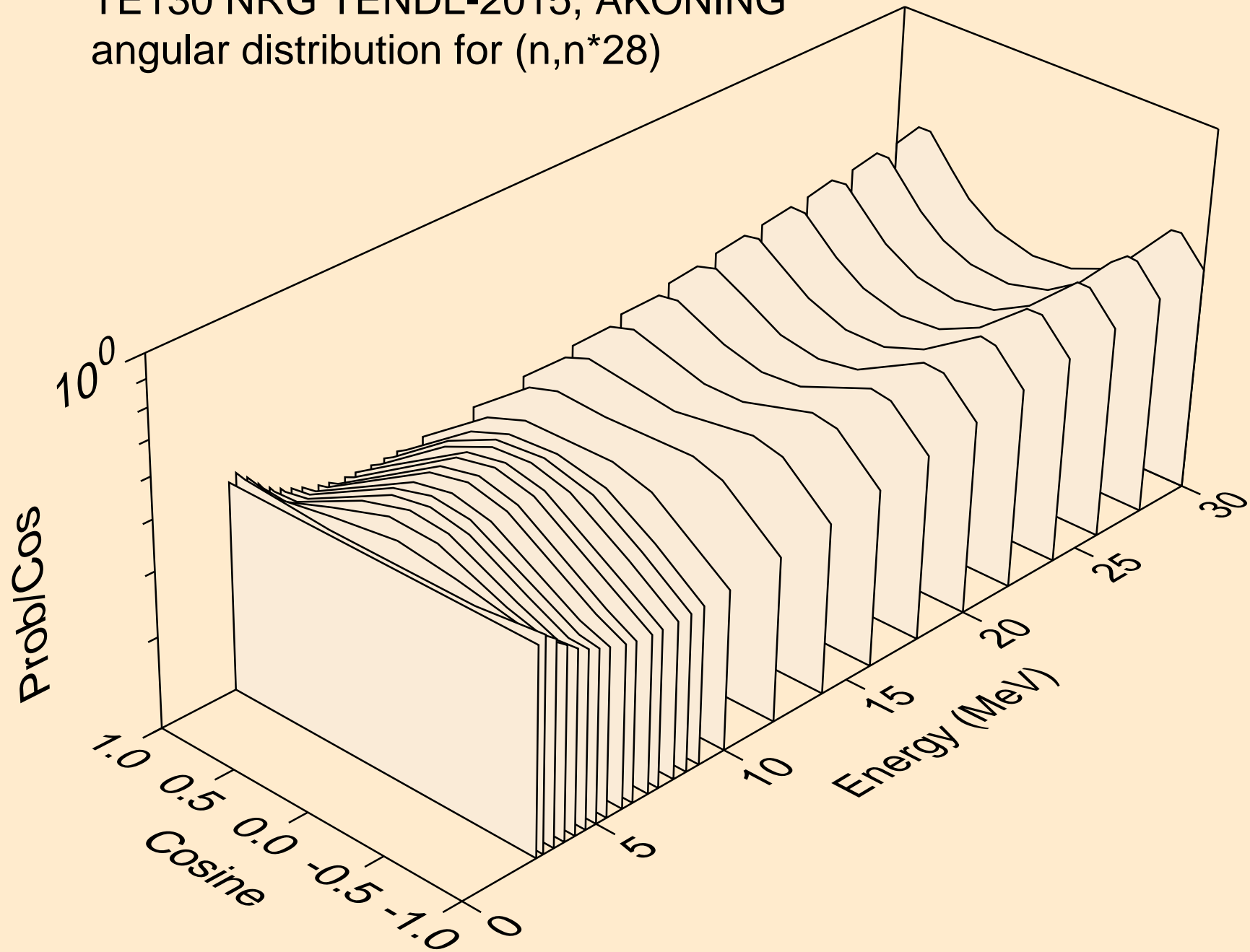
TE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



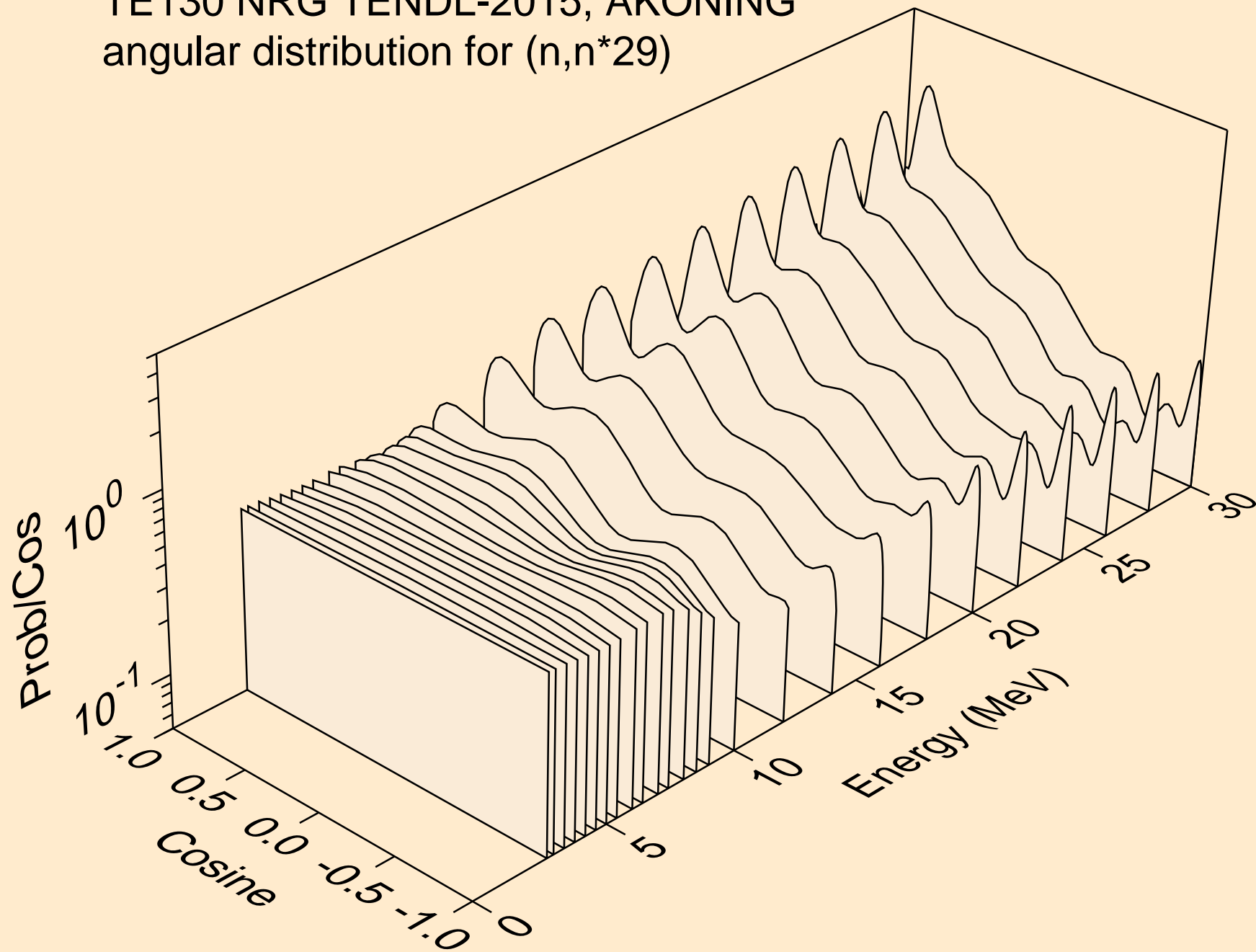
TE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



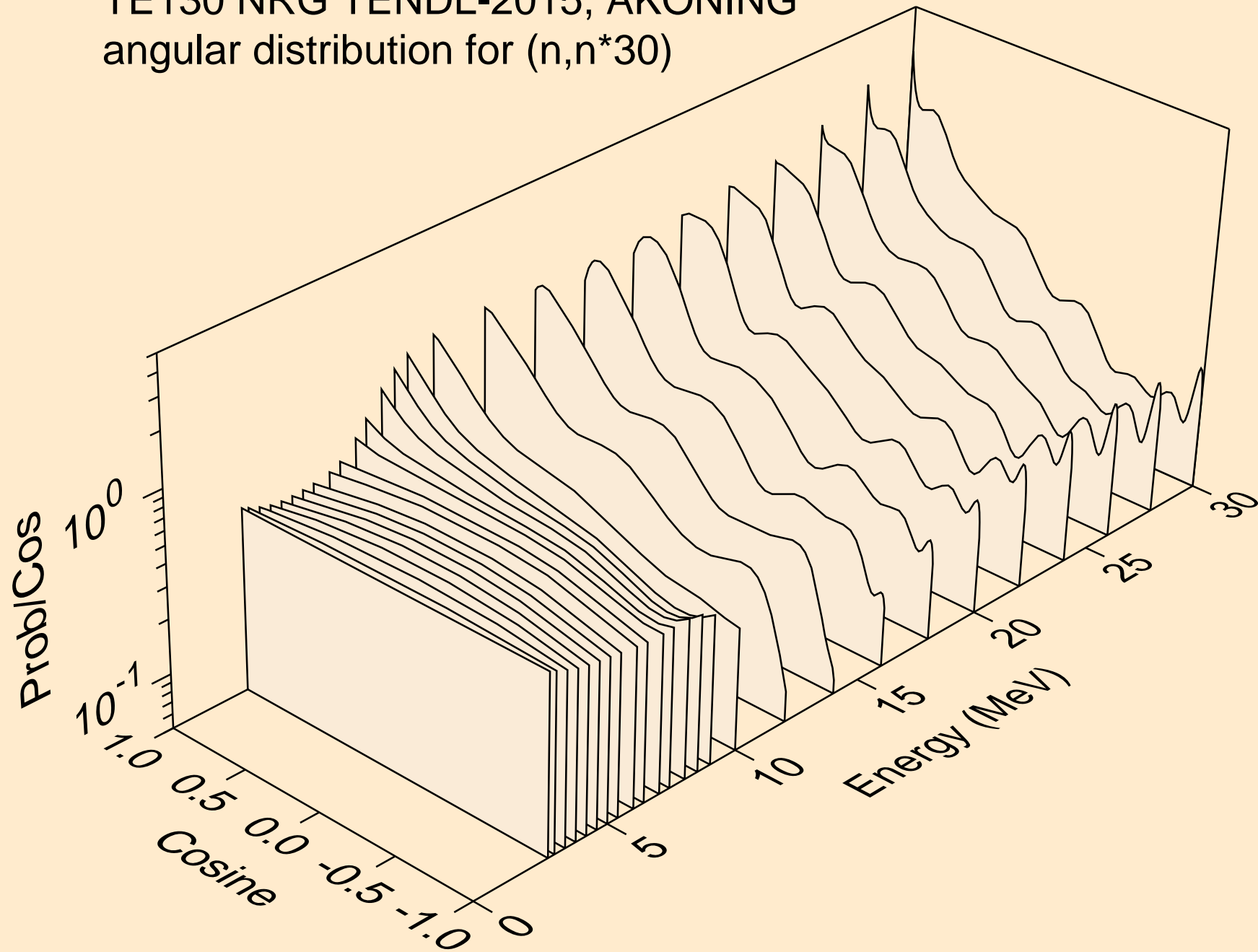
TE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



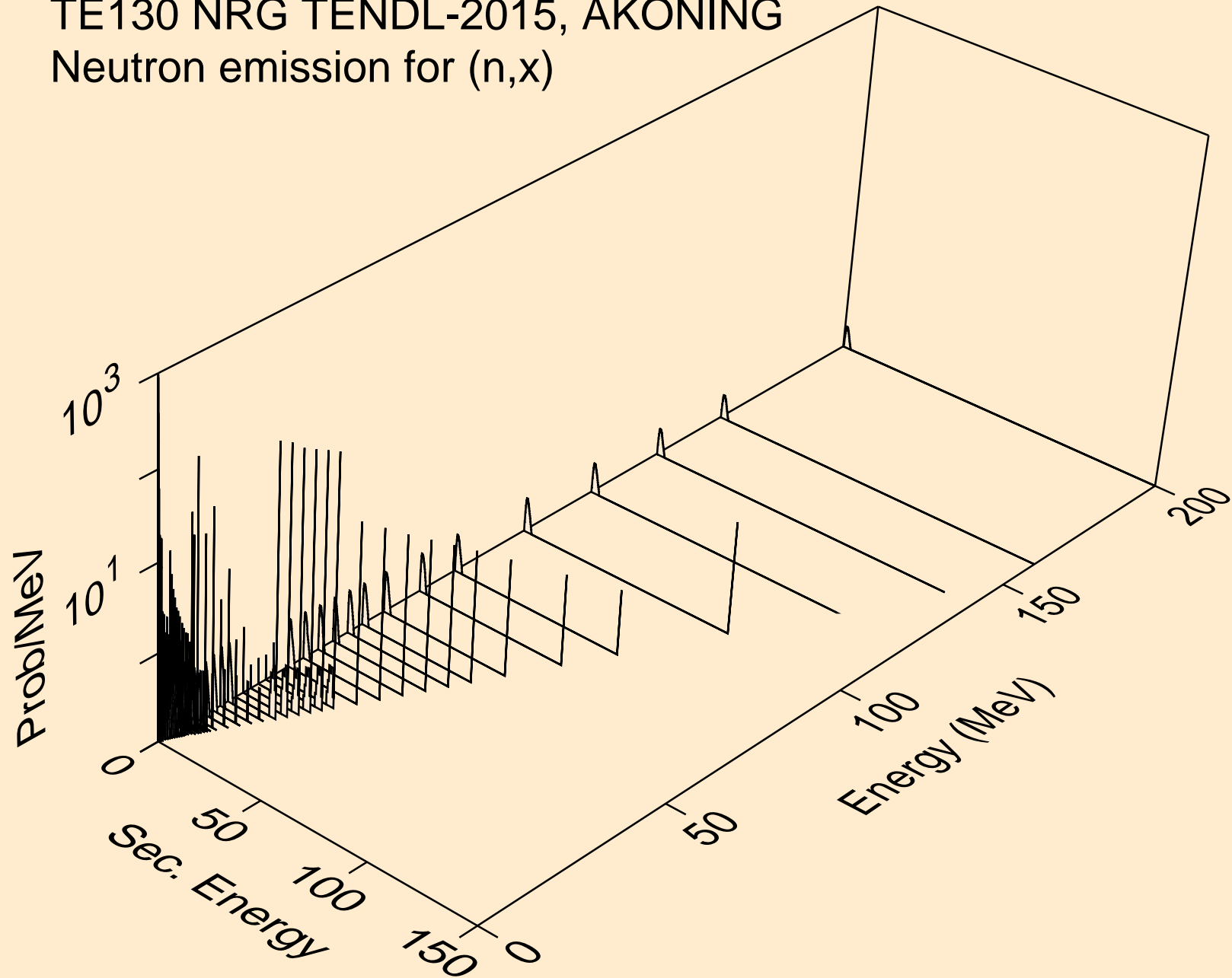
TE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



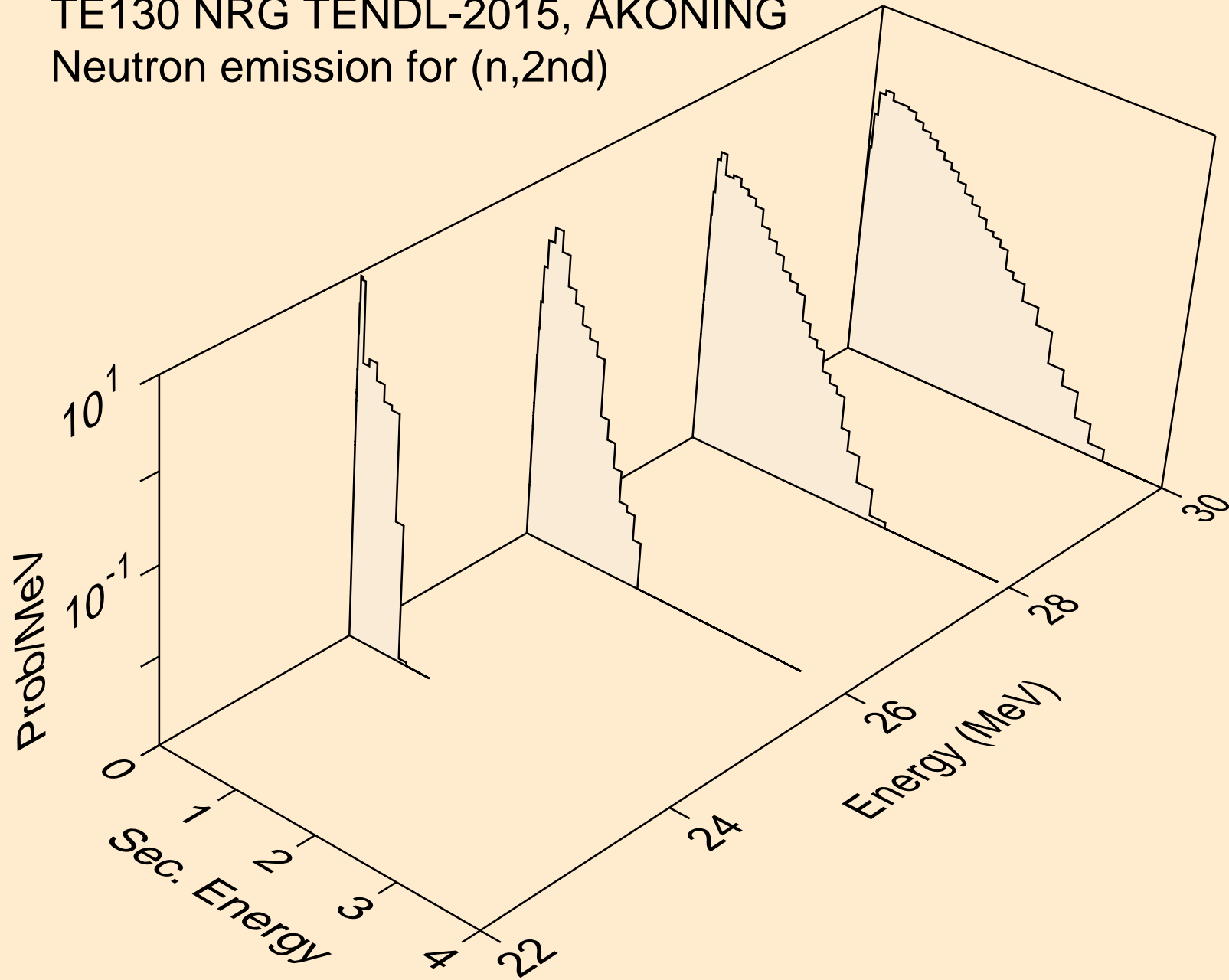
TE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)



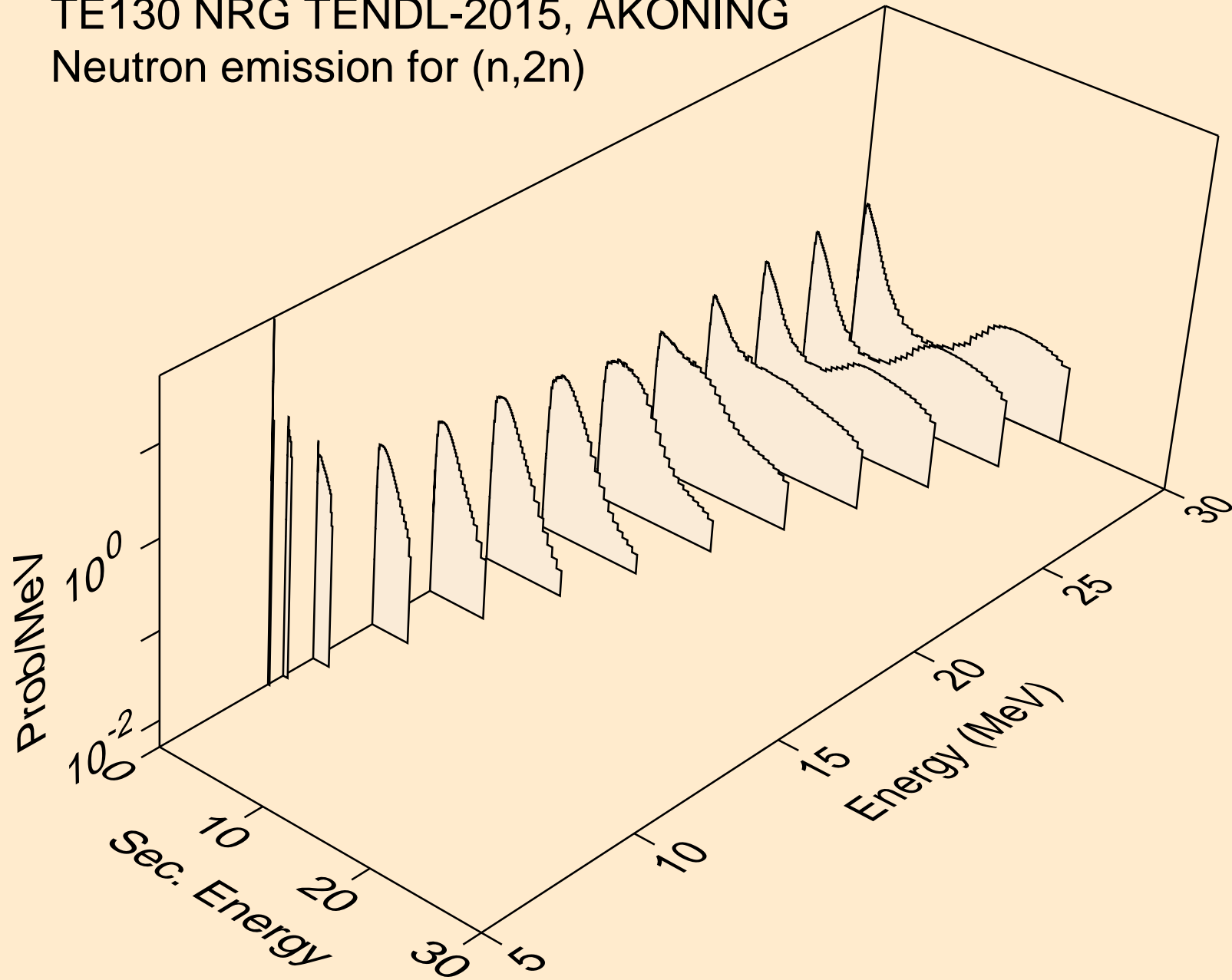
TE130 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



TE130 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

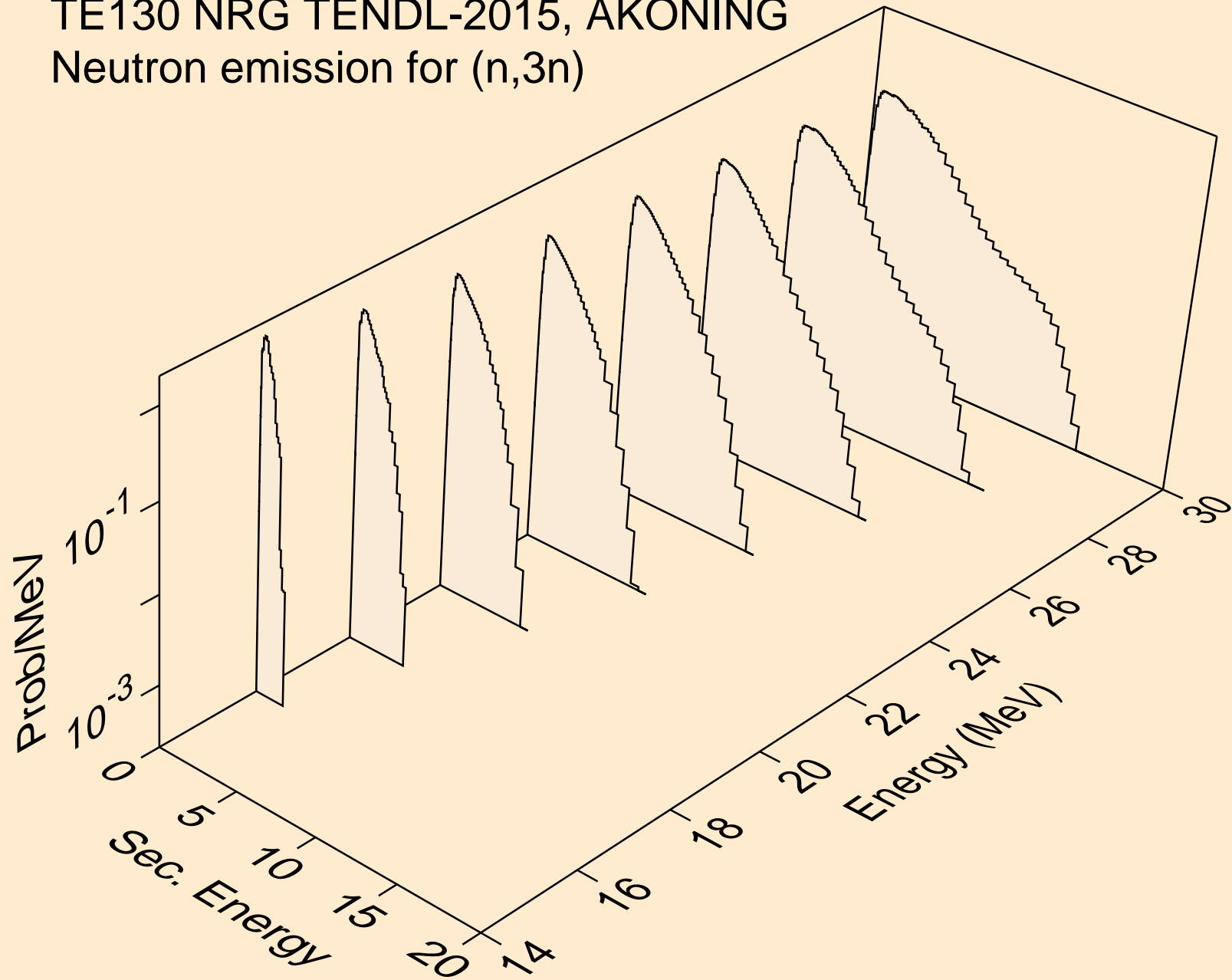


TE130 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

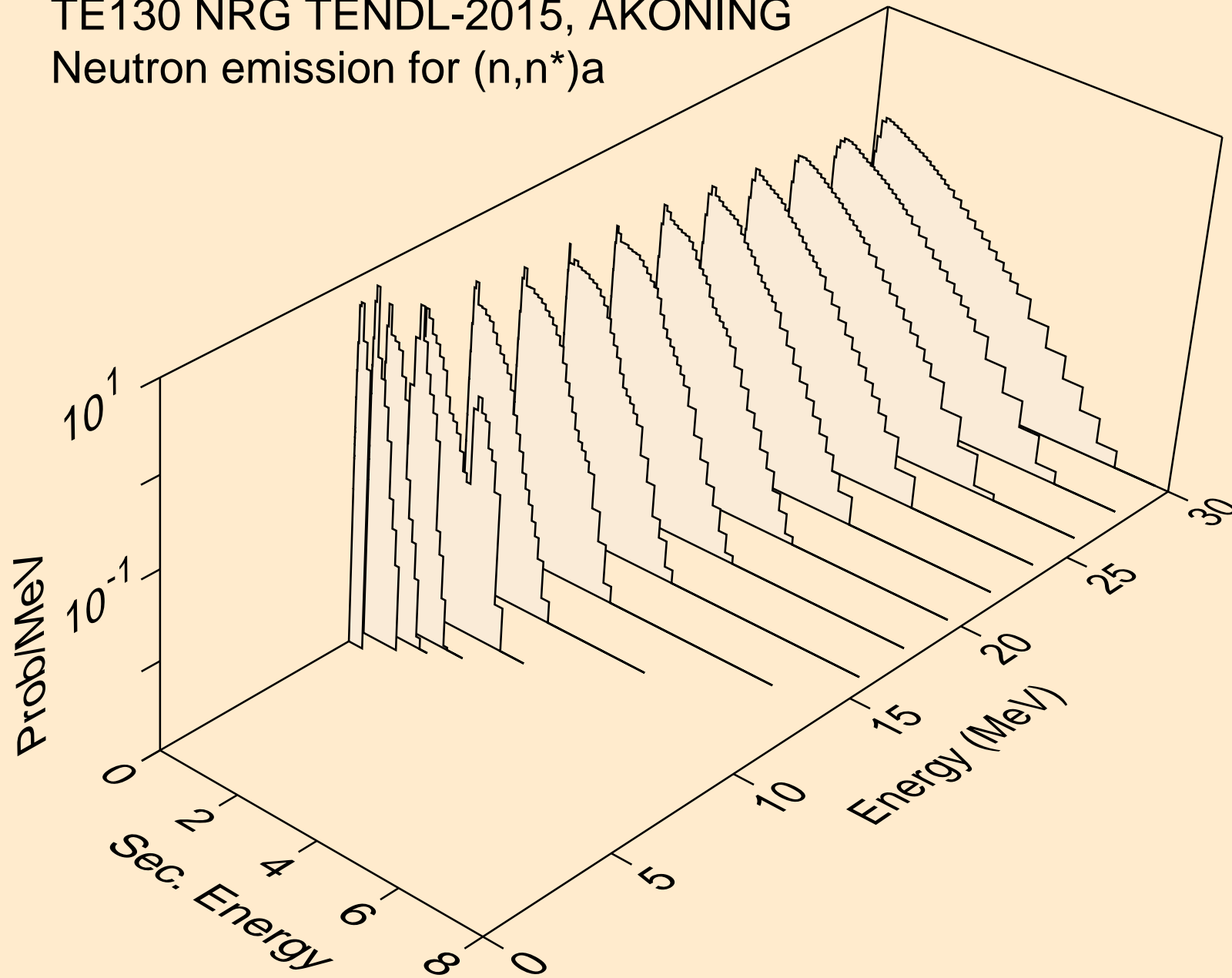




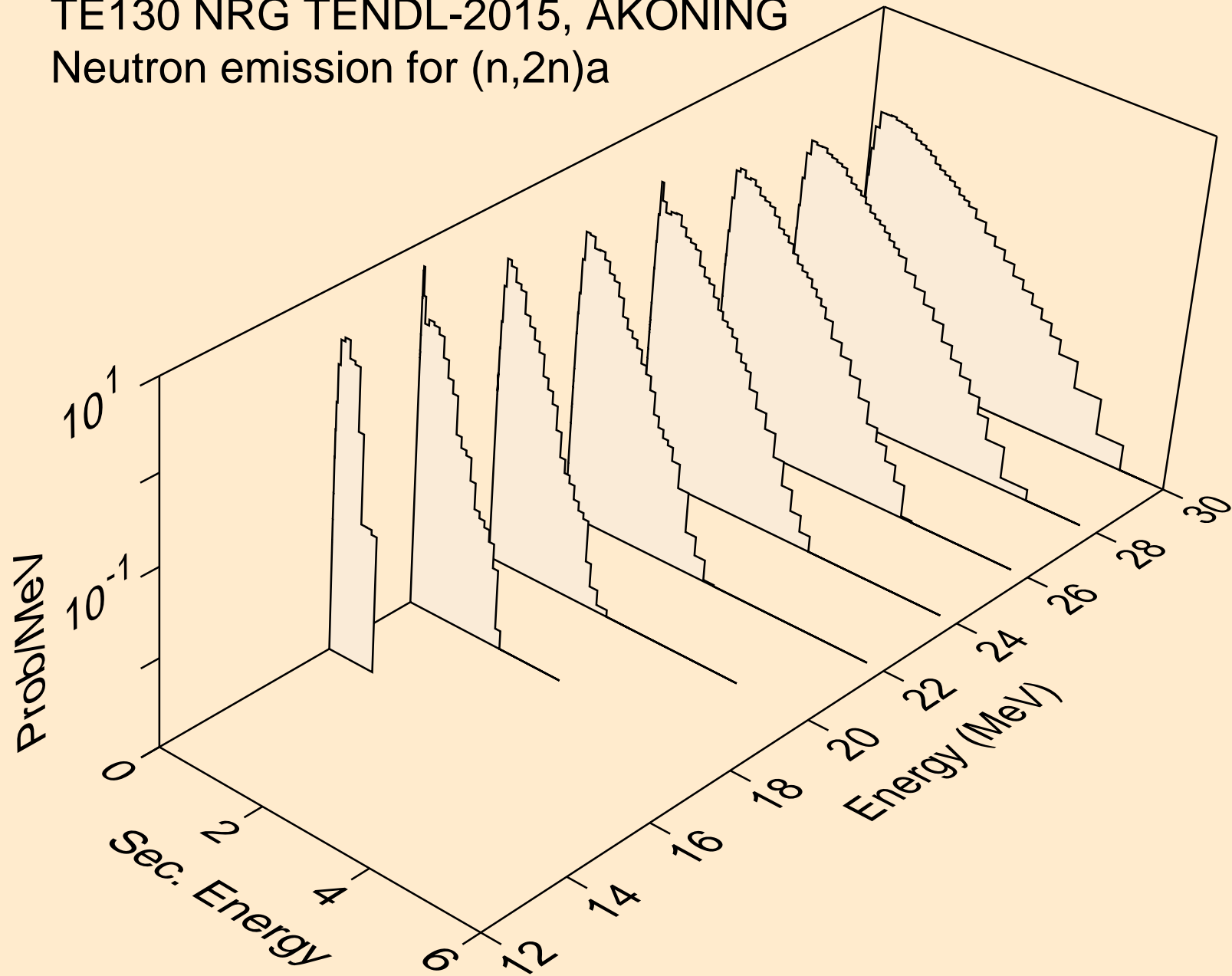
TE130 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



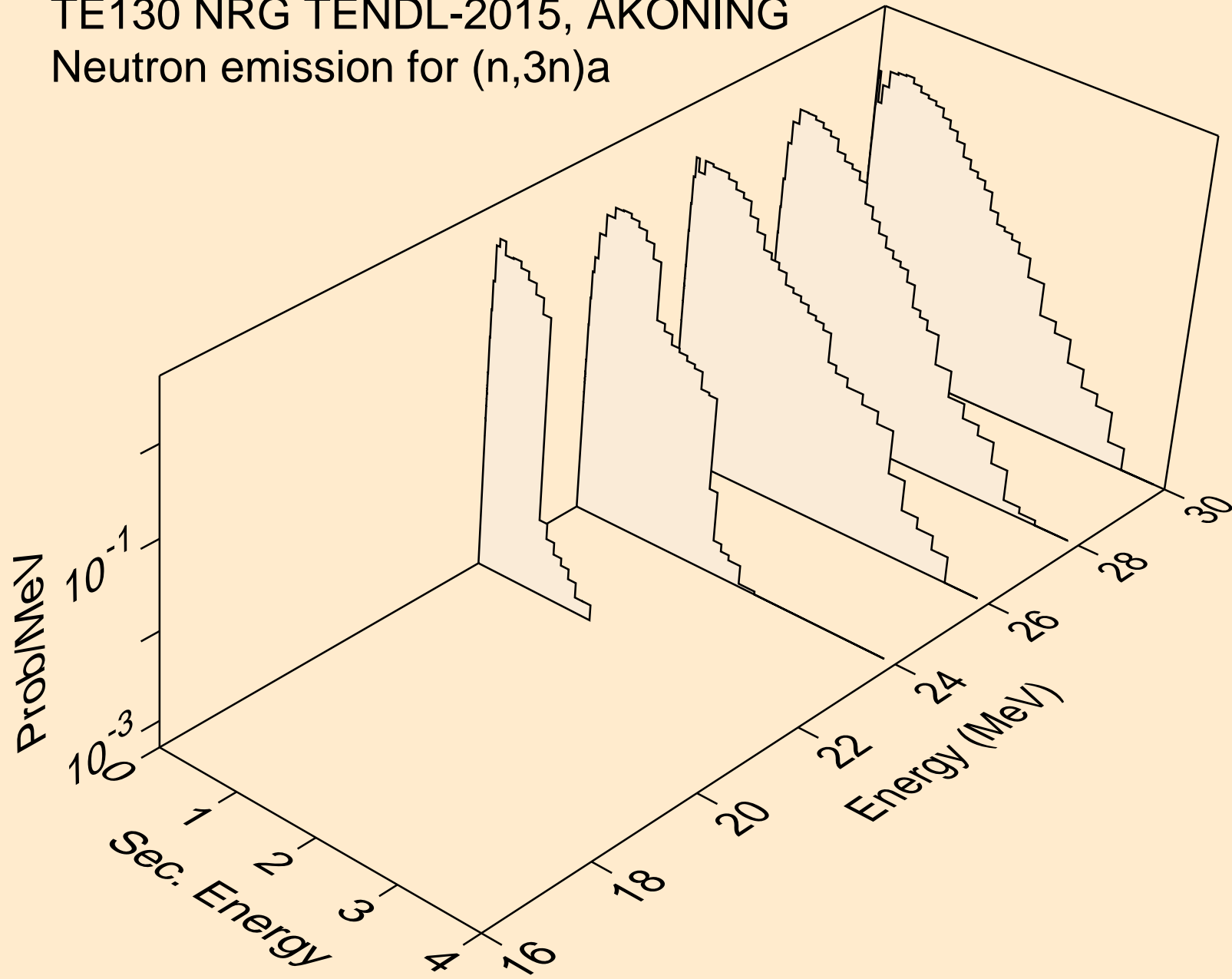
TE130 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



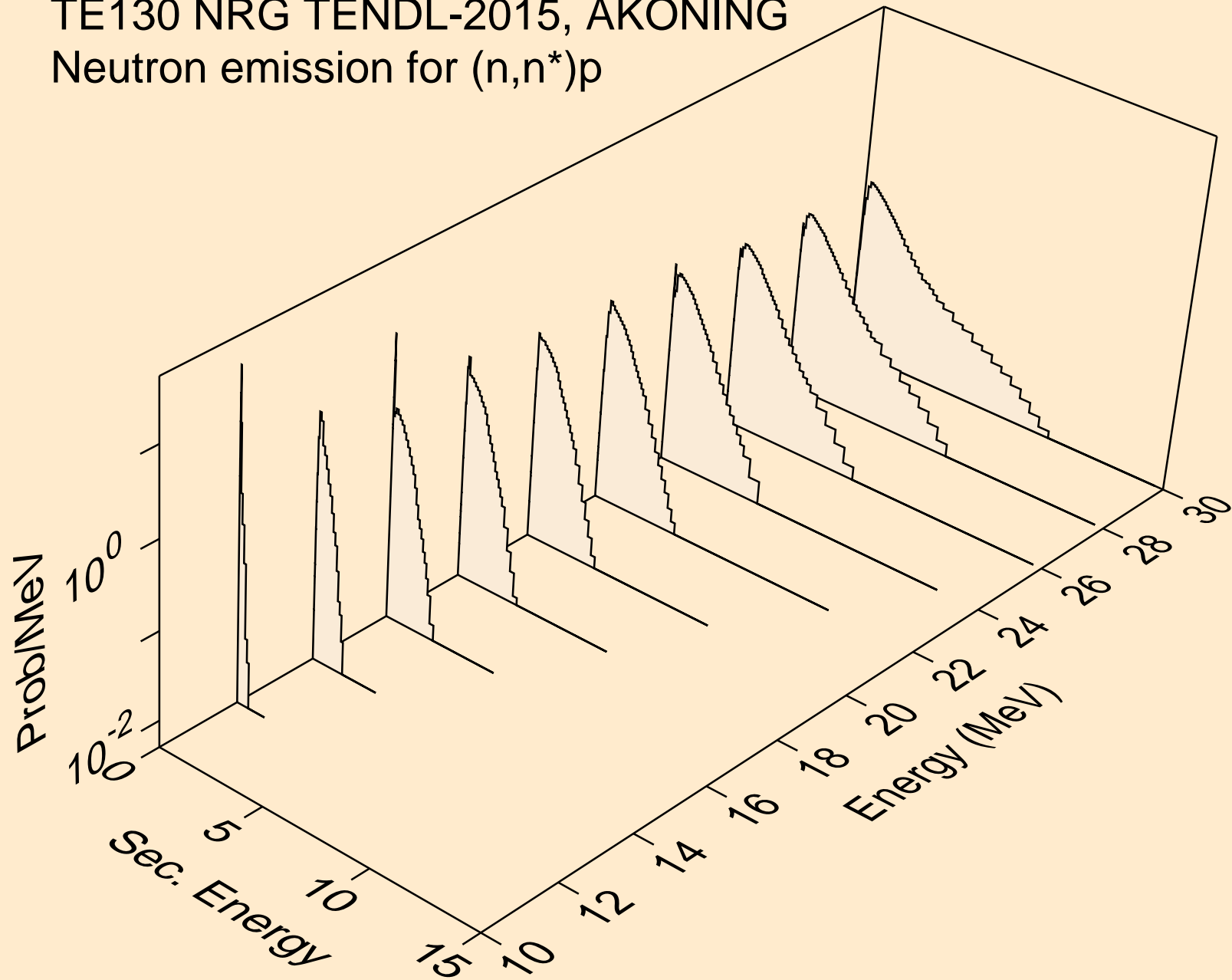
TE130 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



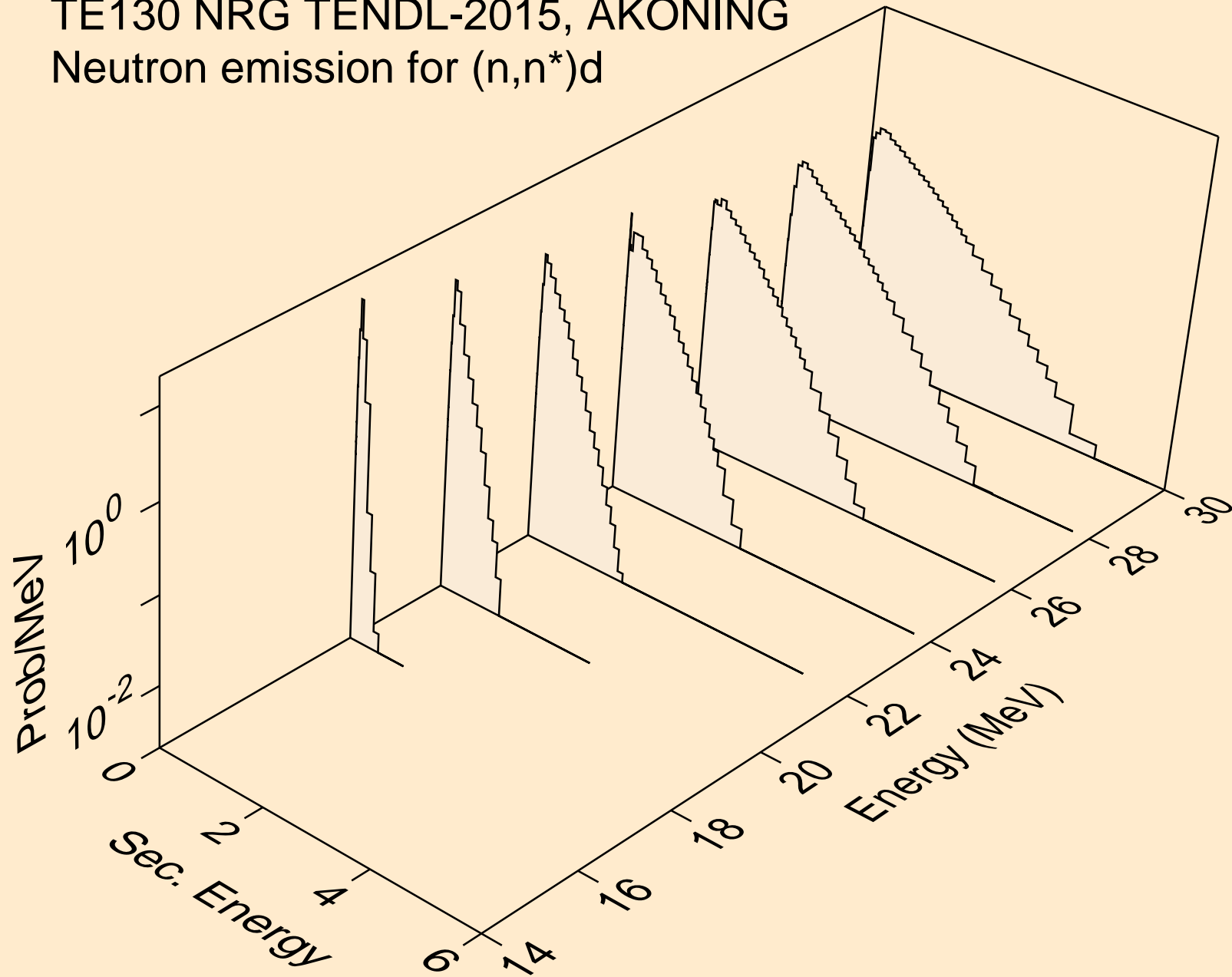
TE130 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



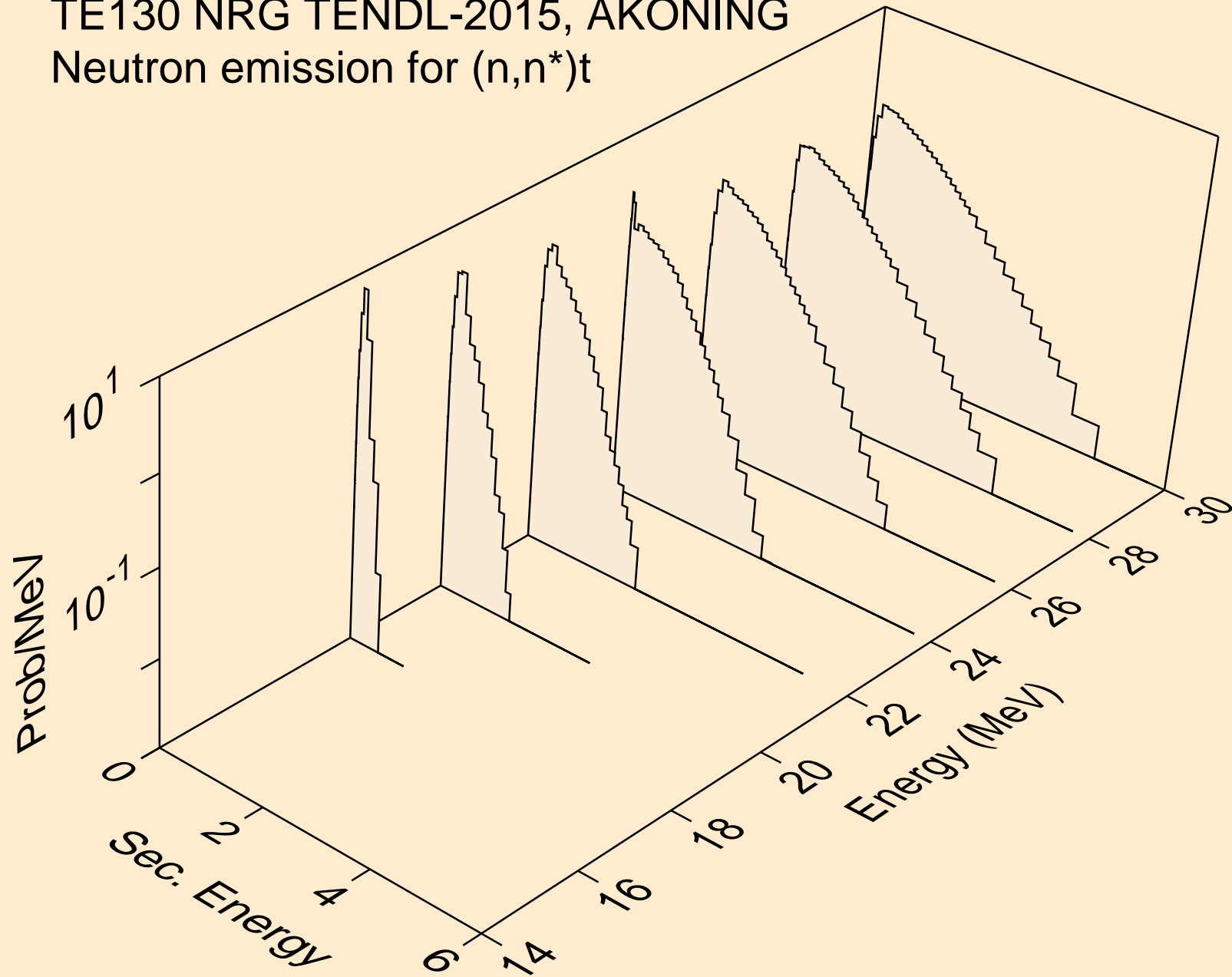
TE130 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



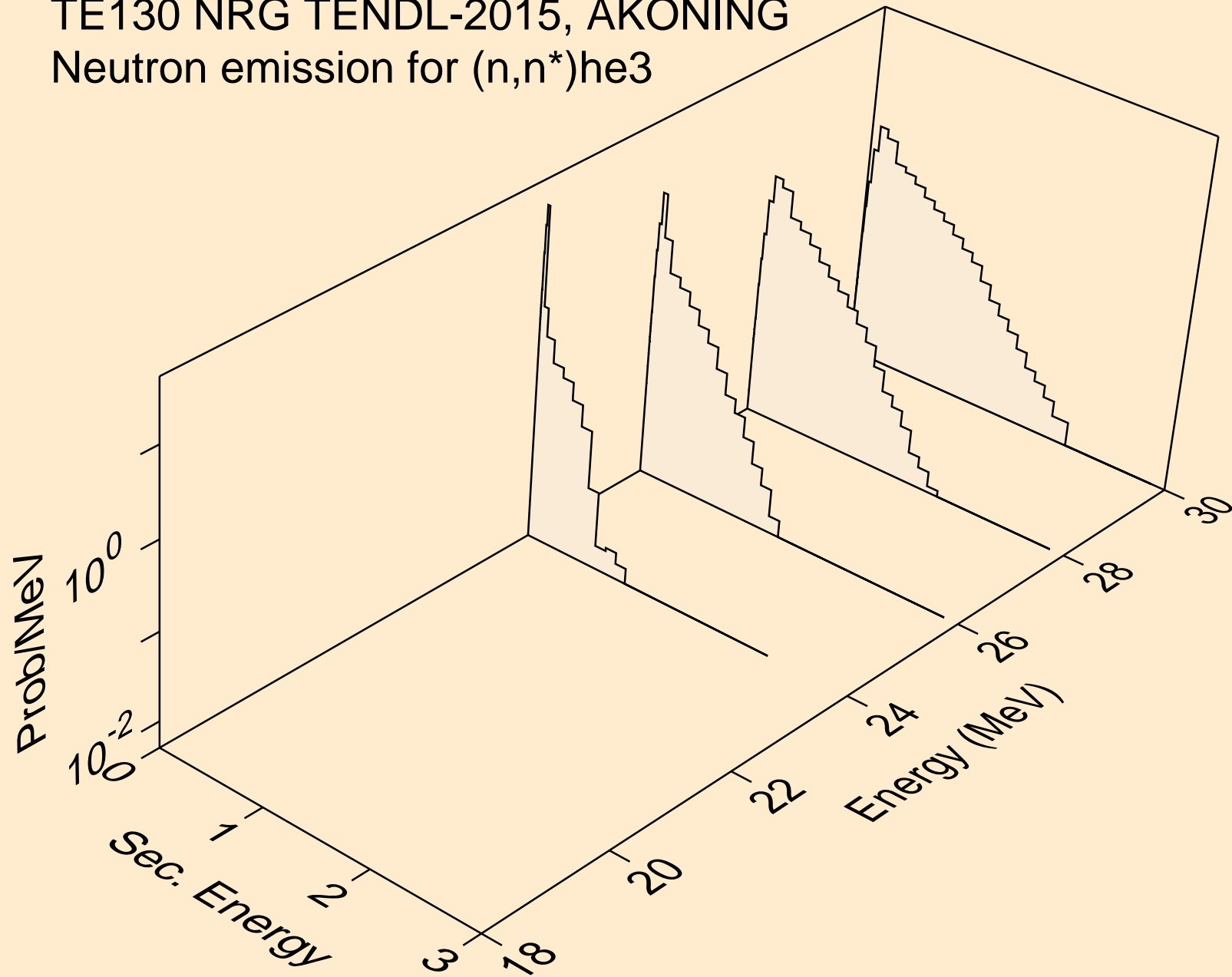
TE130 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



TE130 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

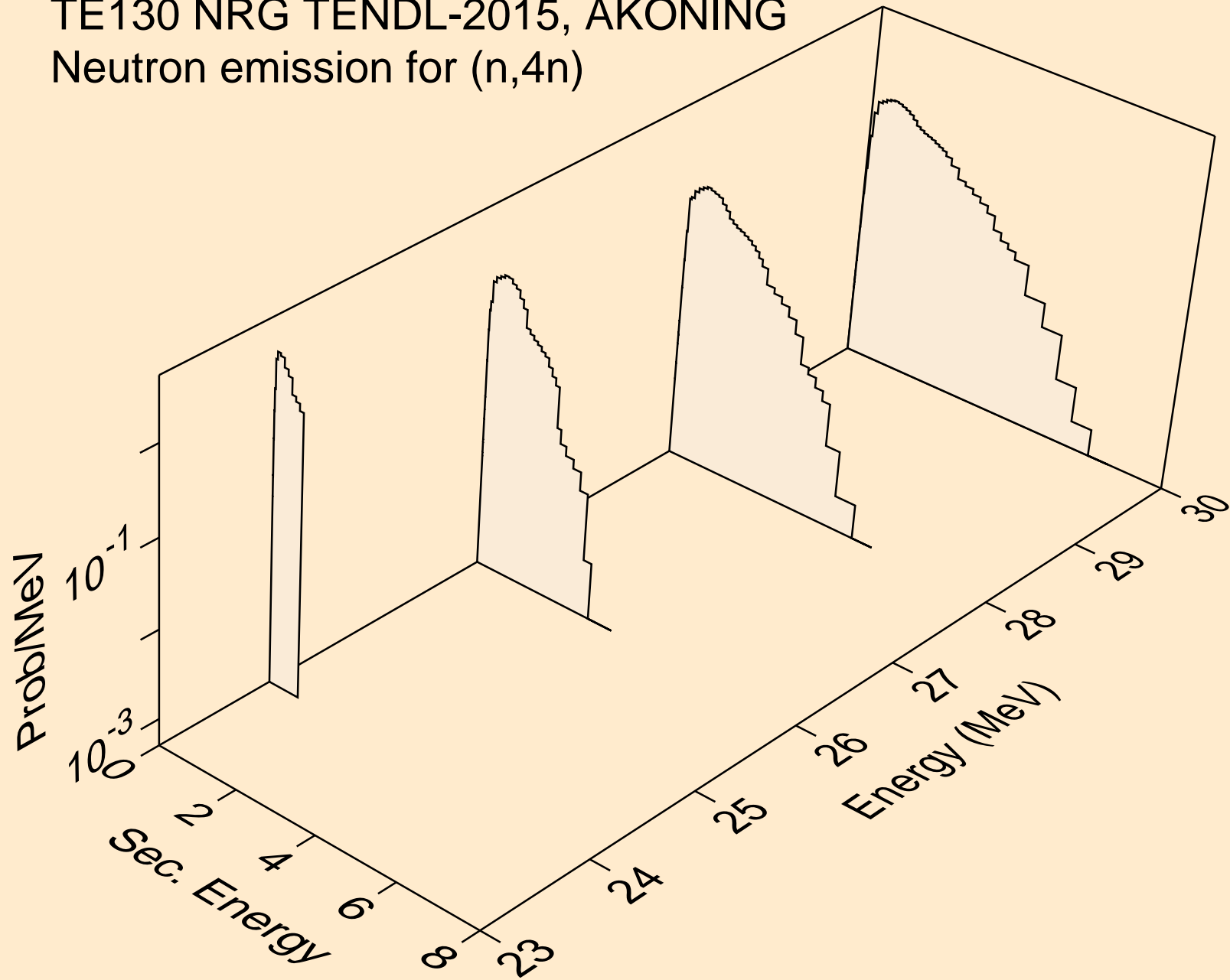


TE130 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

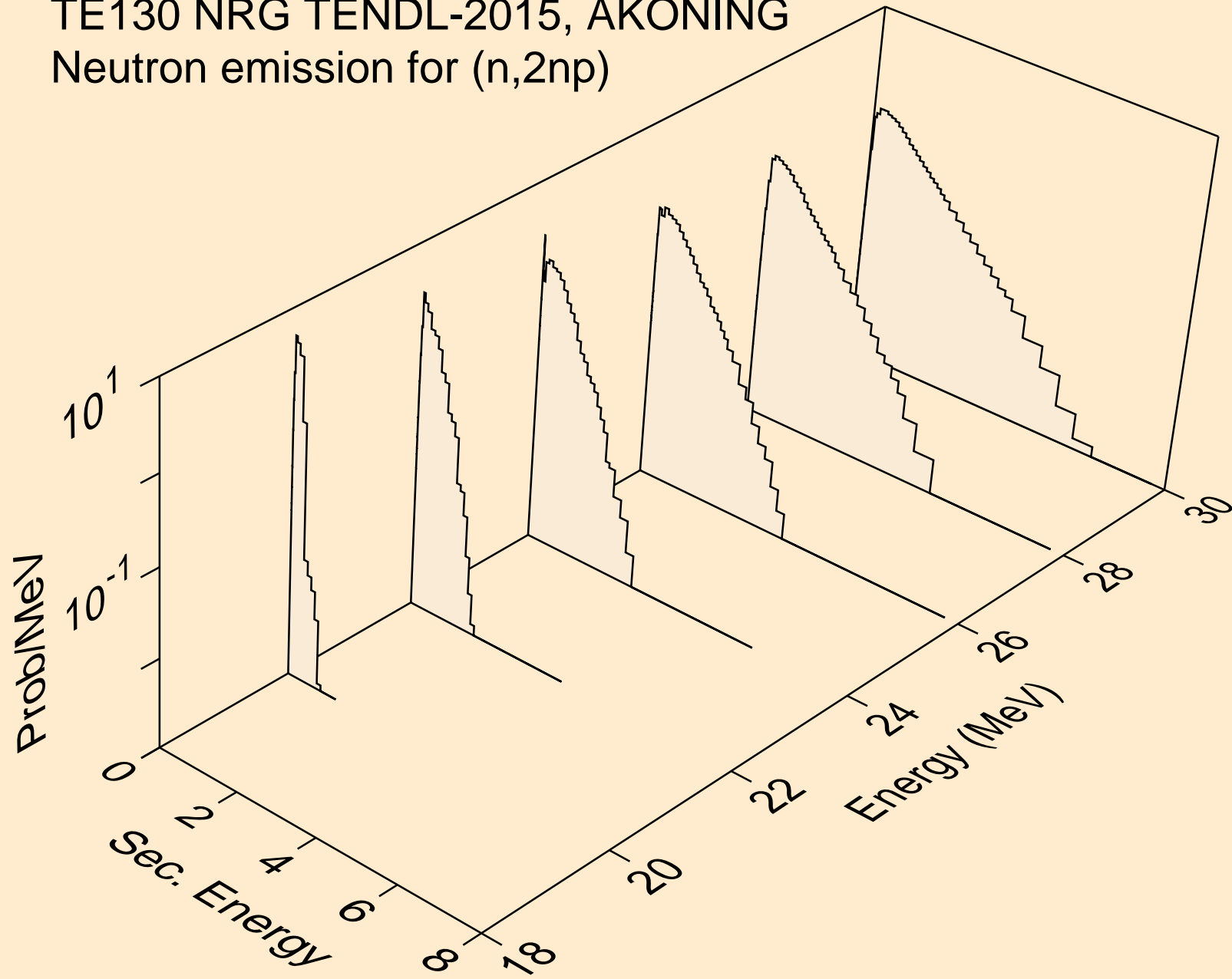




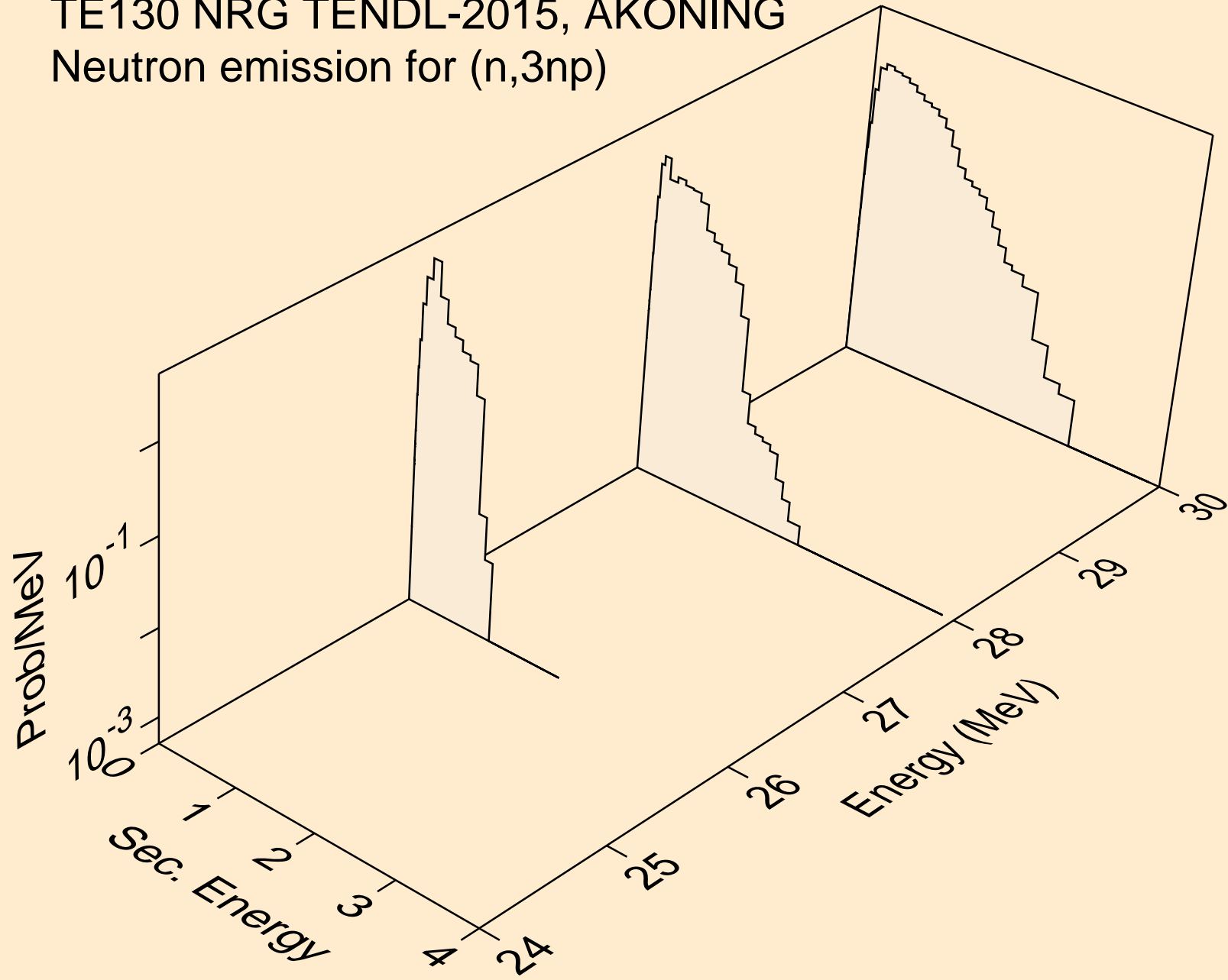
TE130 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



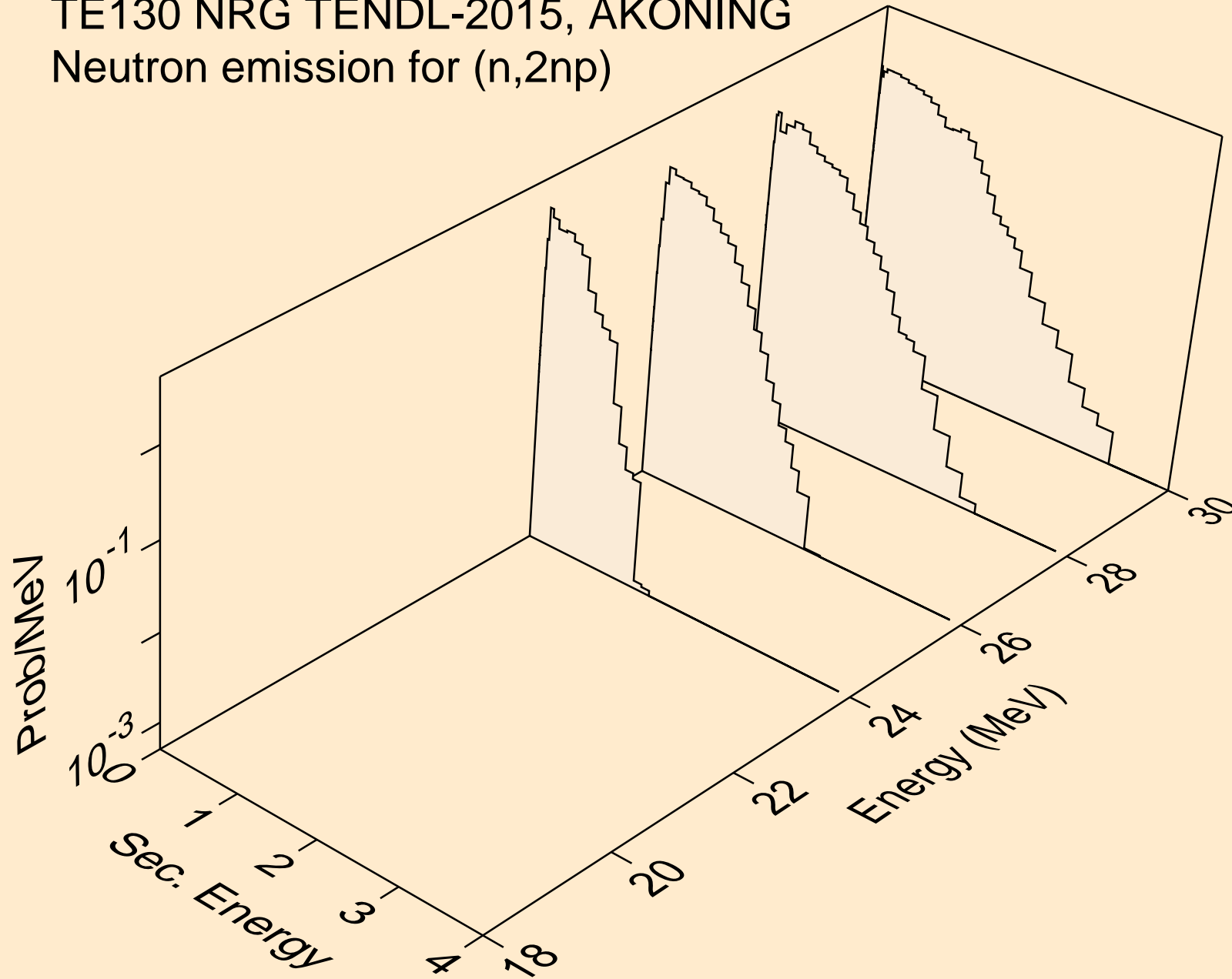
TE130 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



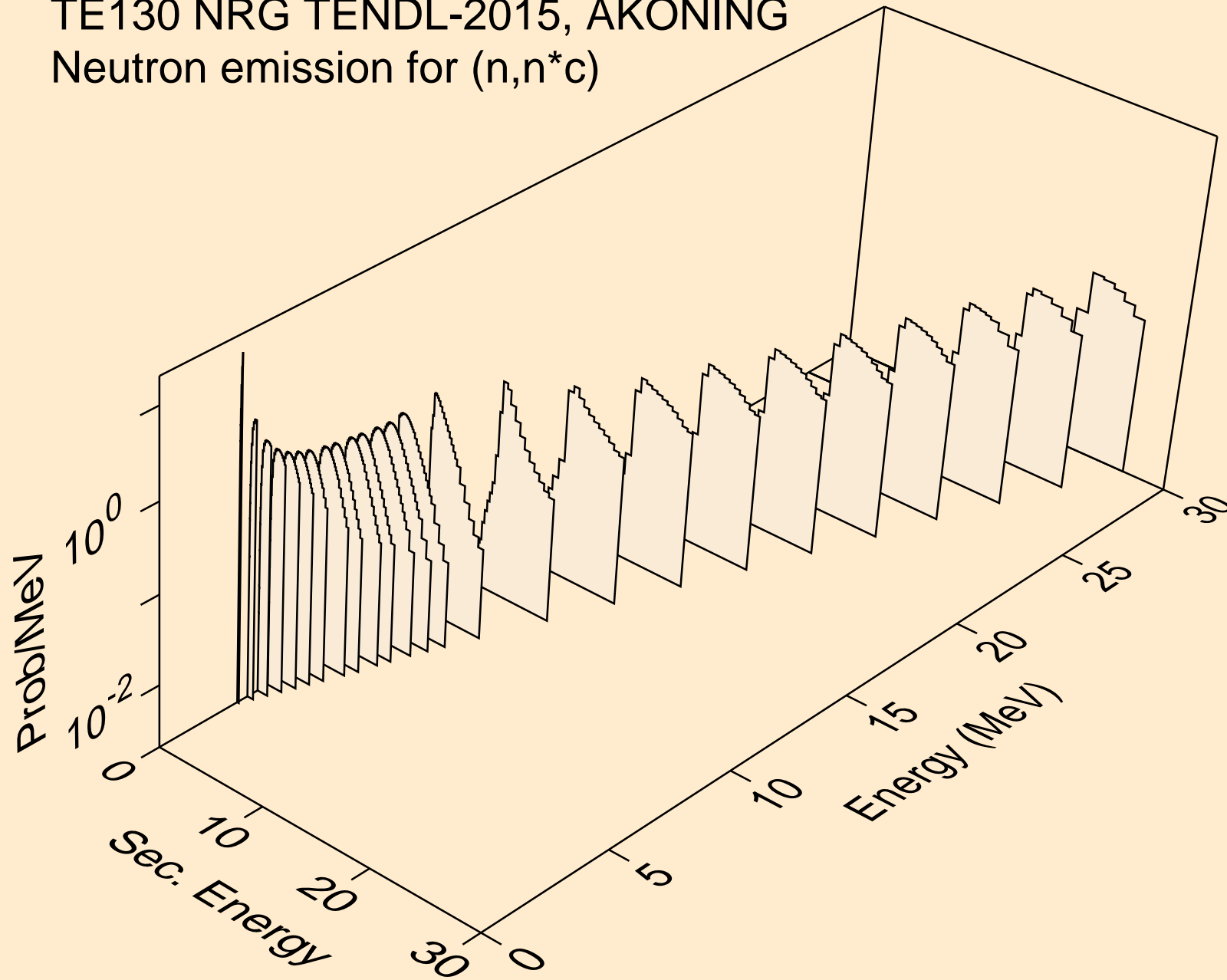
TE130 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



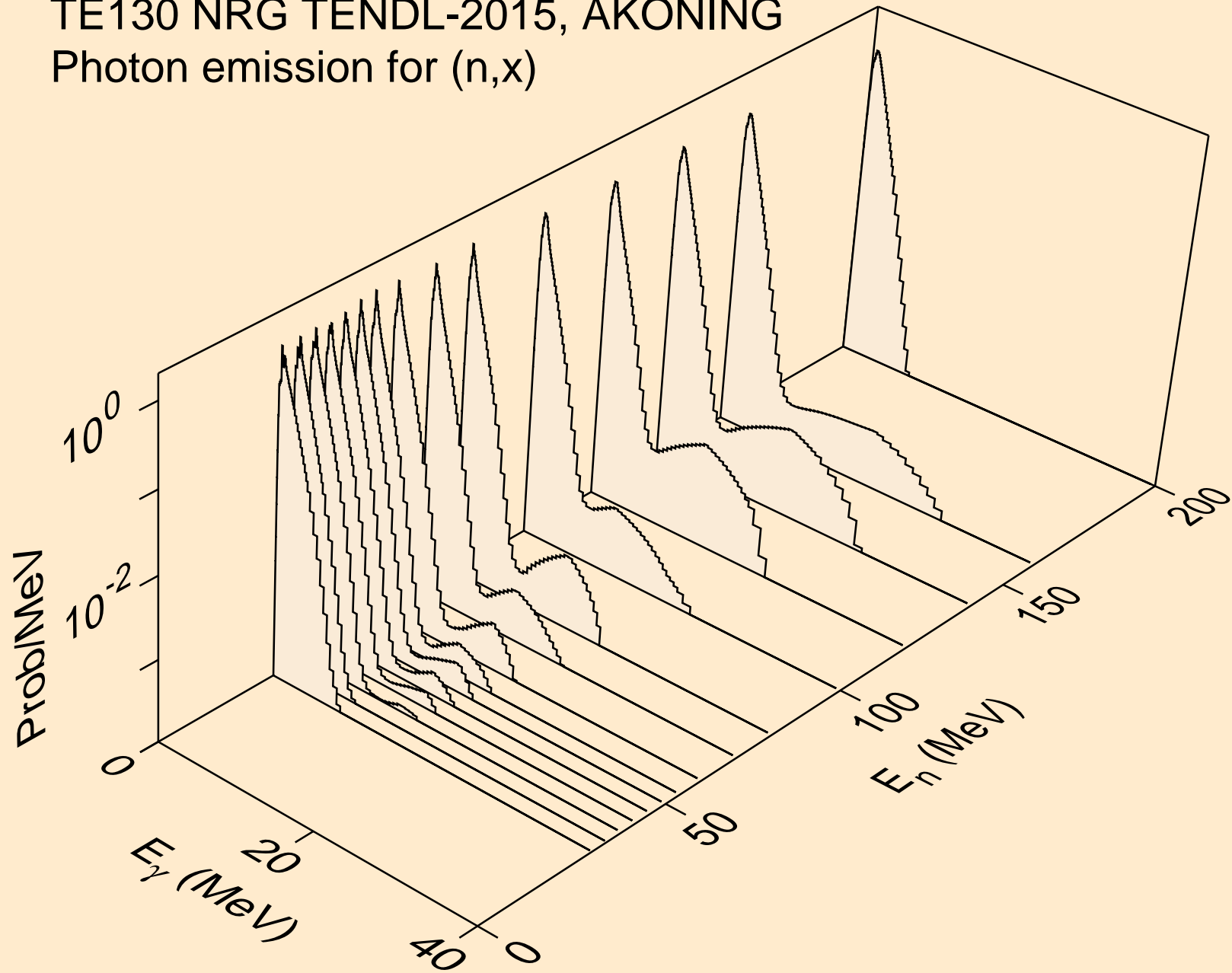
TE130 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



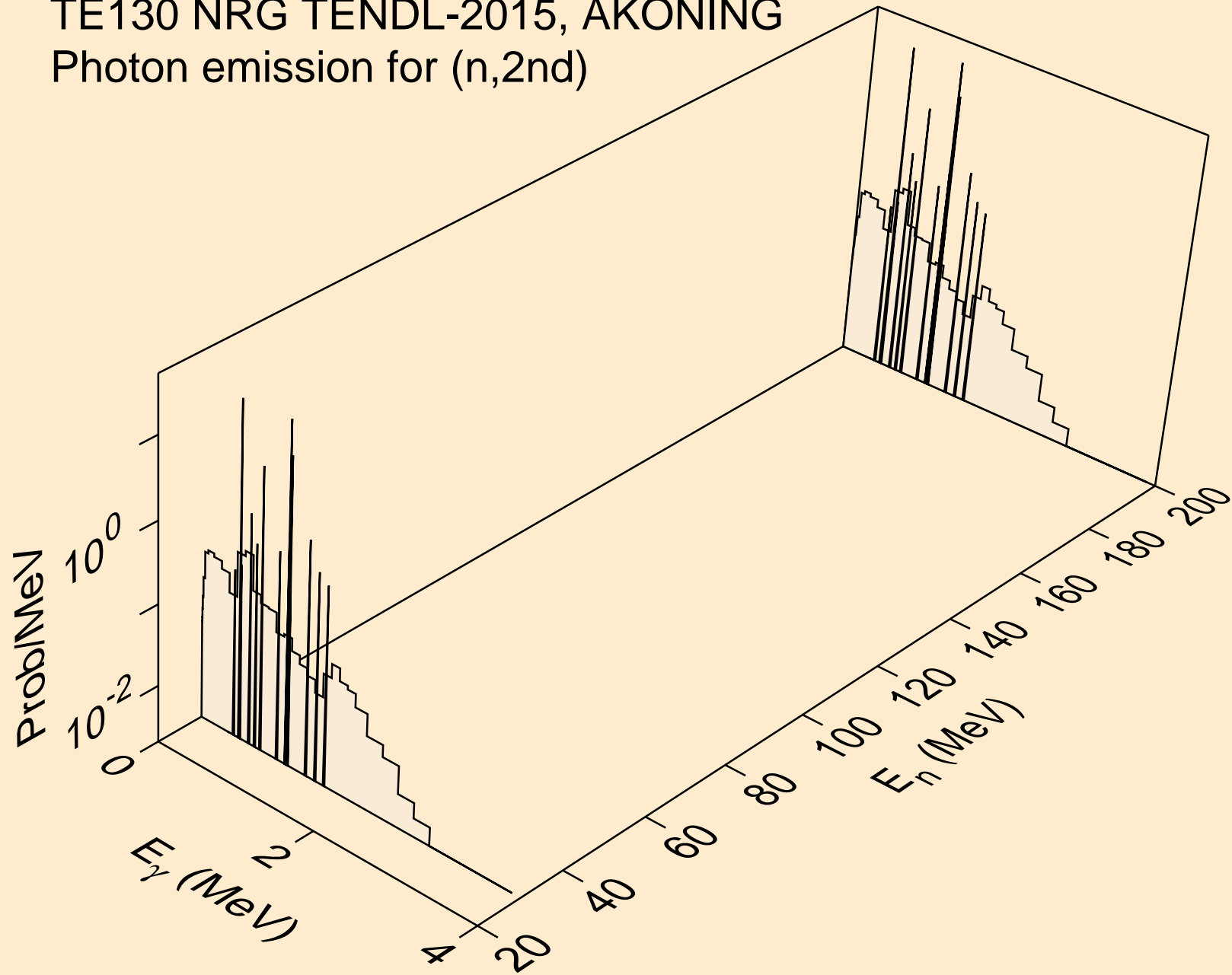
TE130 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



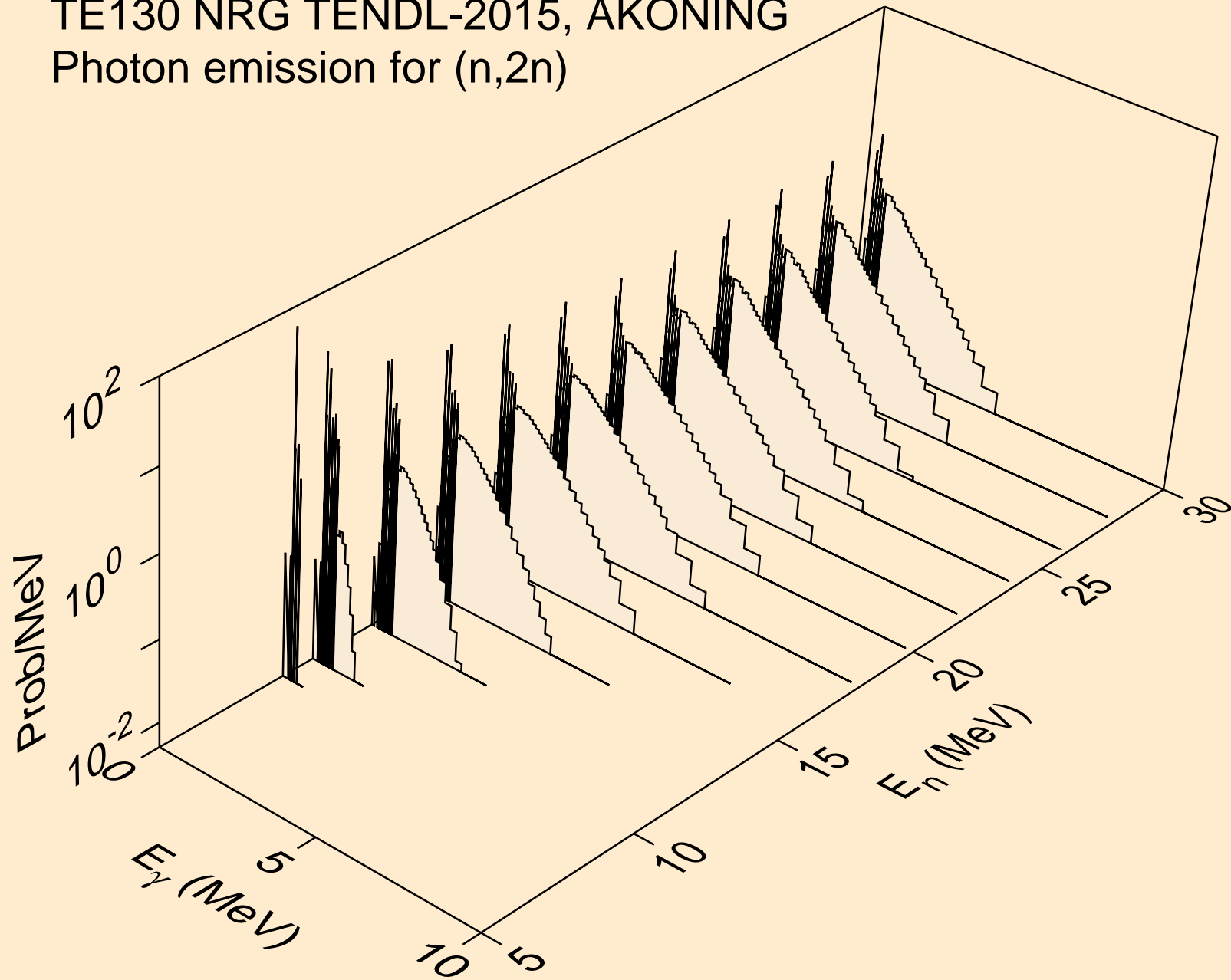
TE130 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



TE130 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

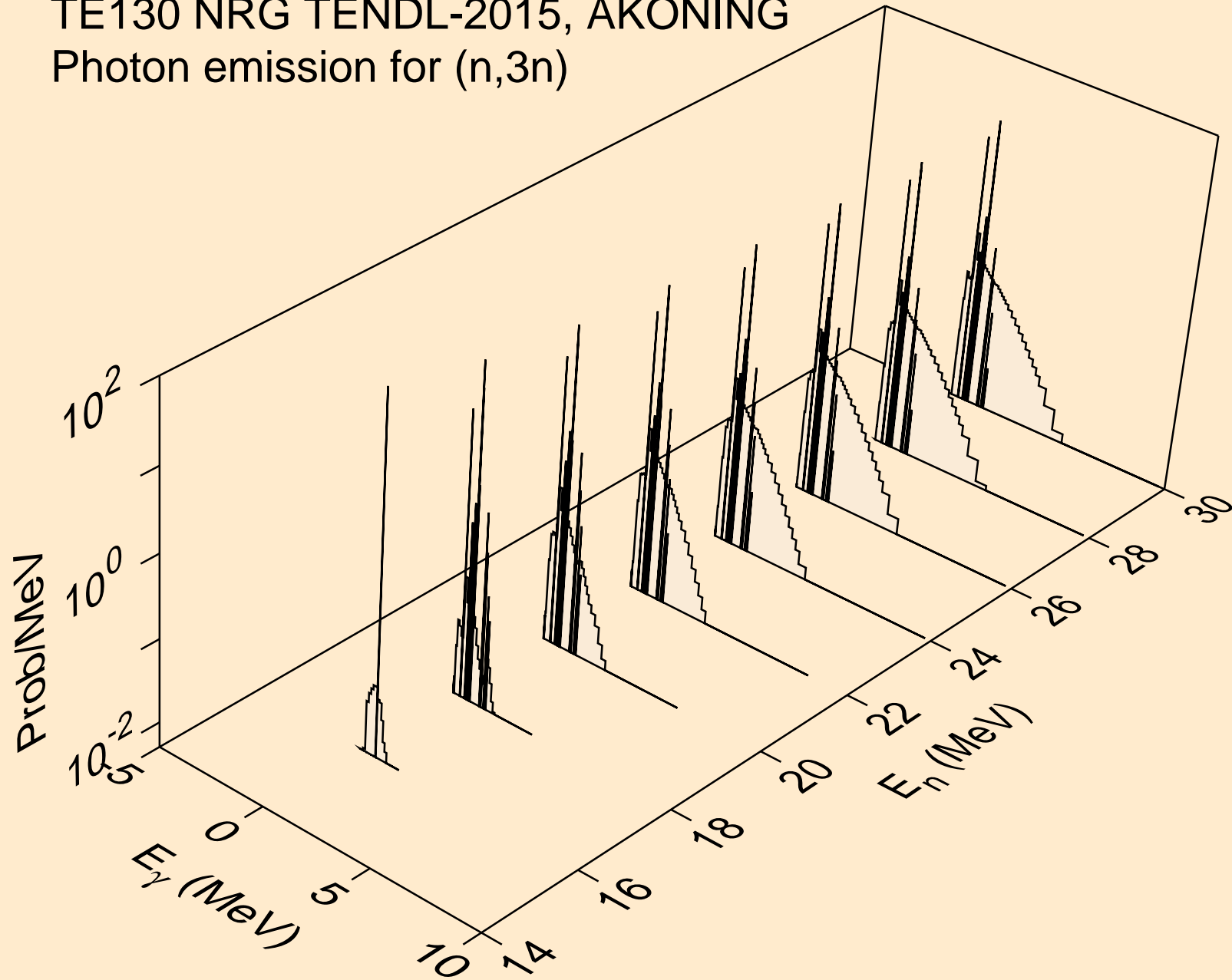


TE130 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

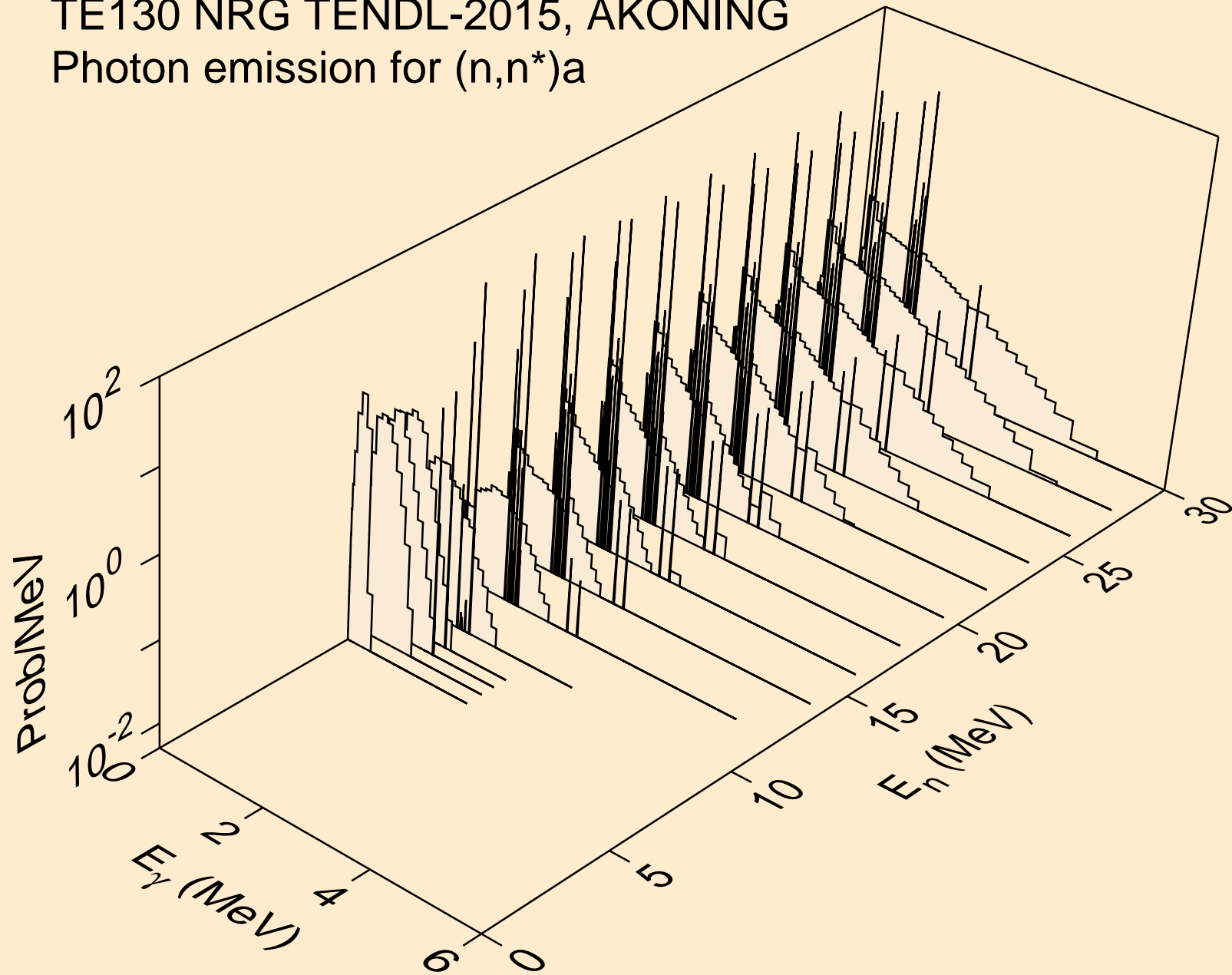




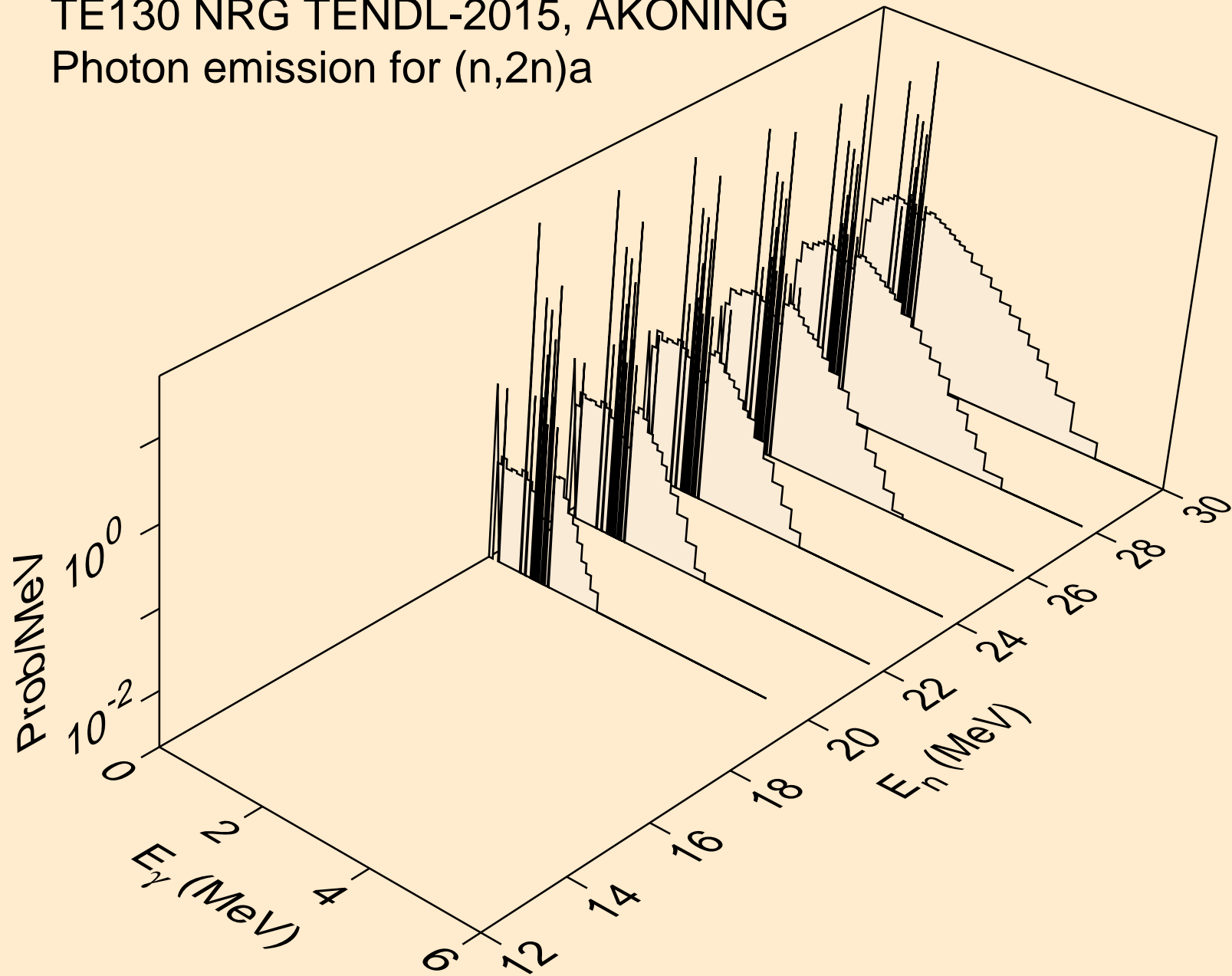
TE130 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



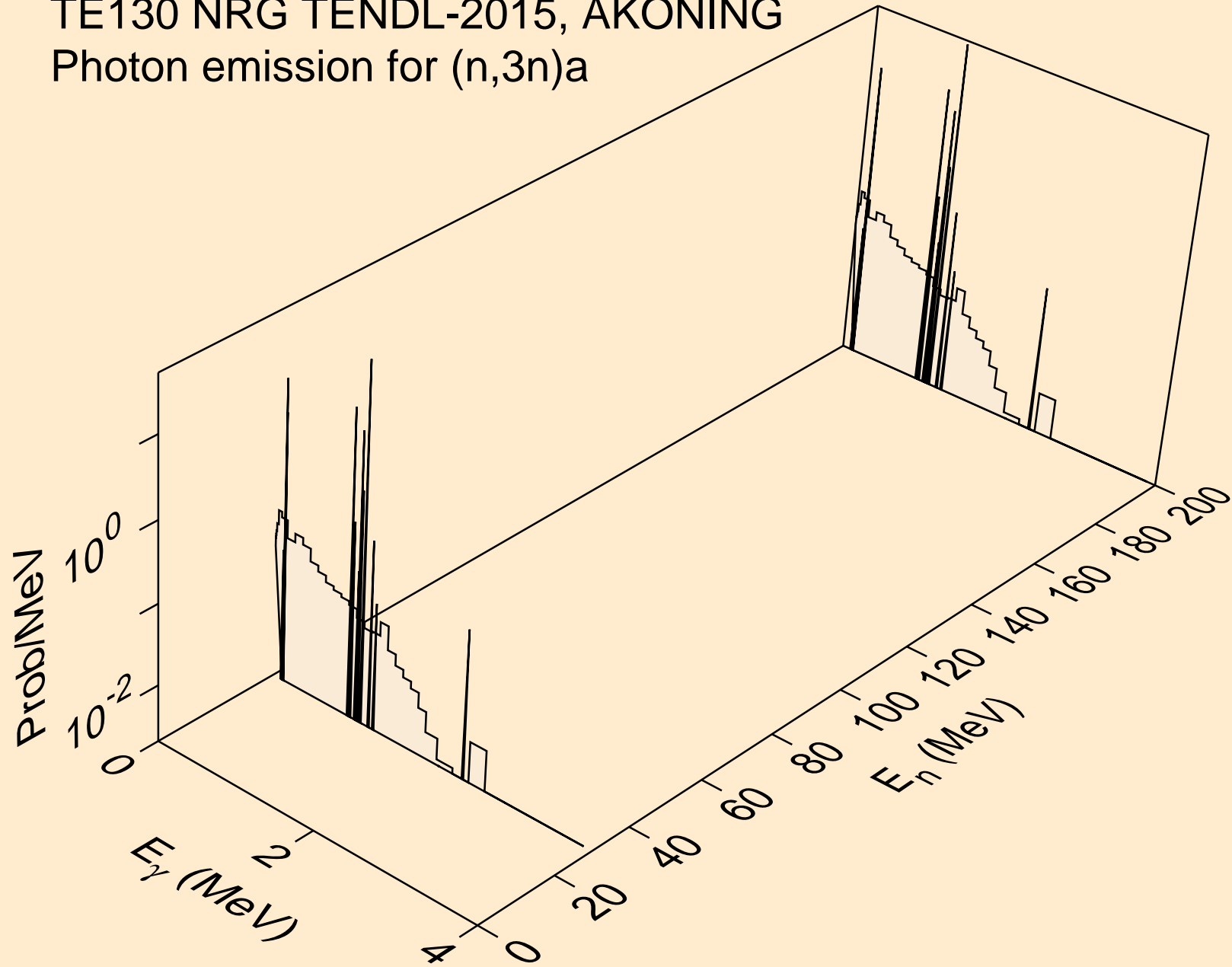
TE130 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



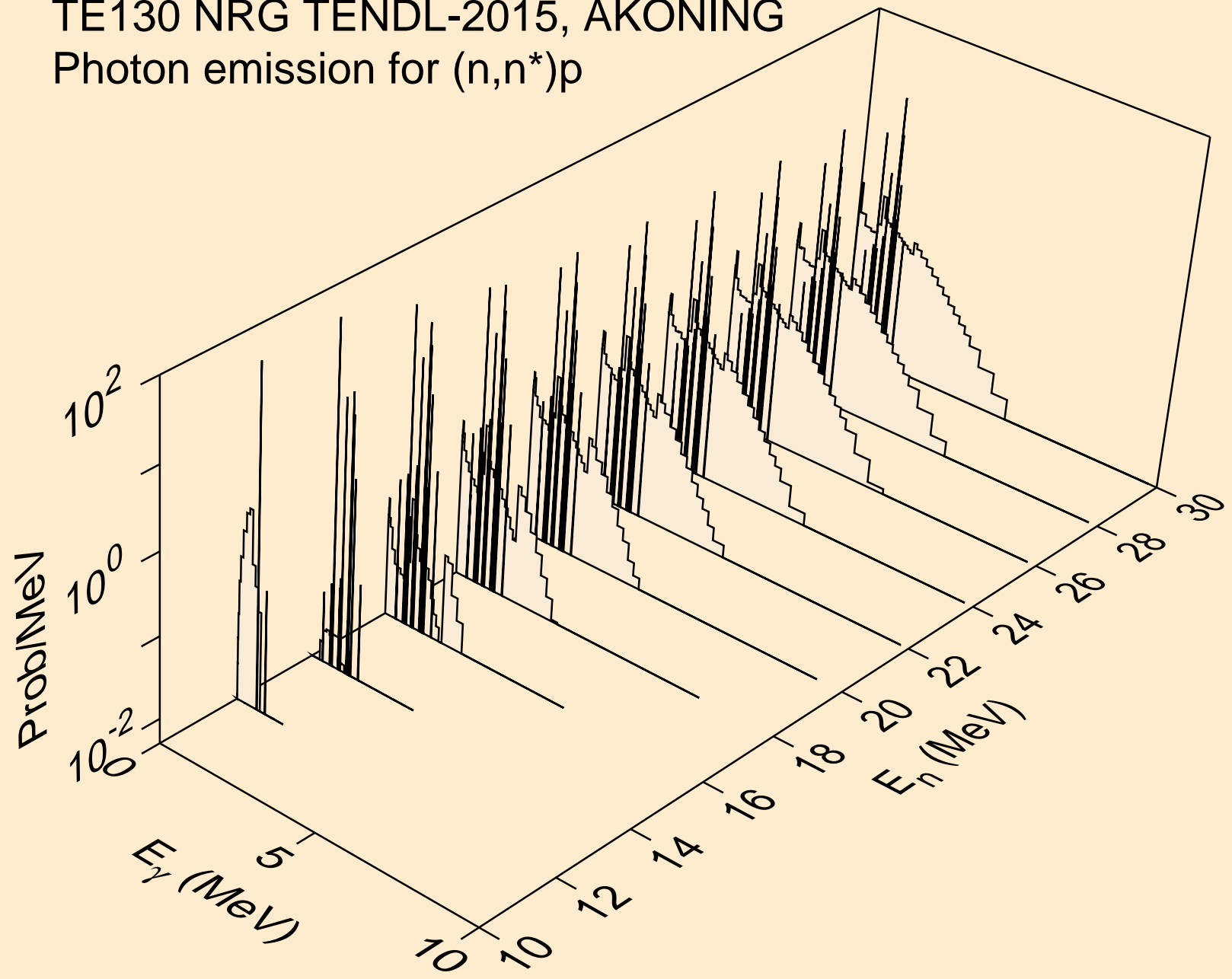
TE130 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



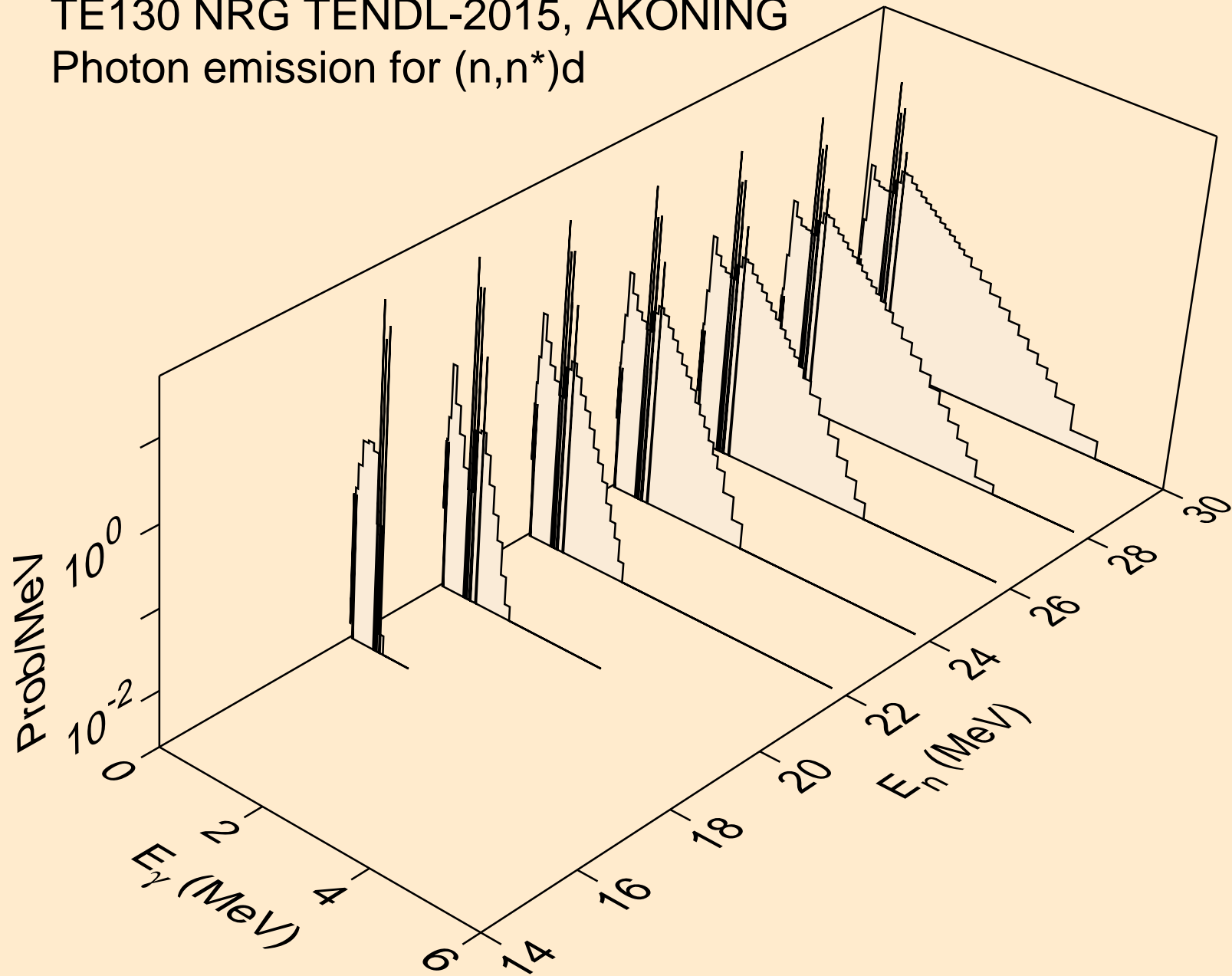
TE130 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



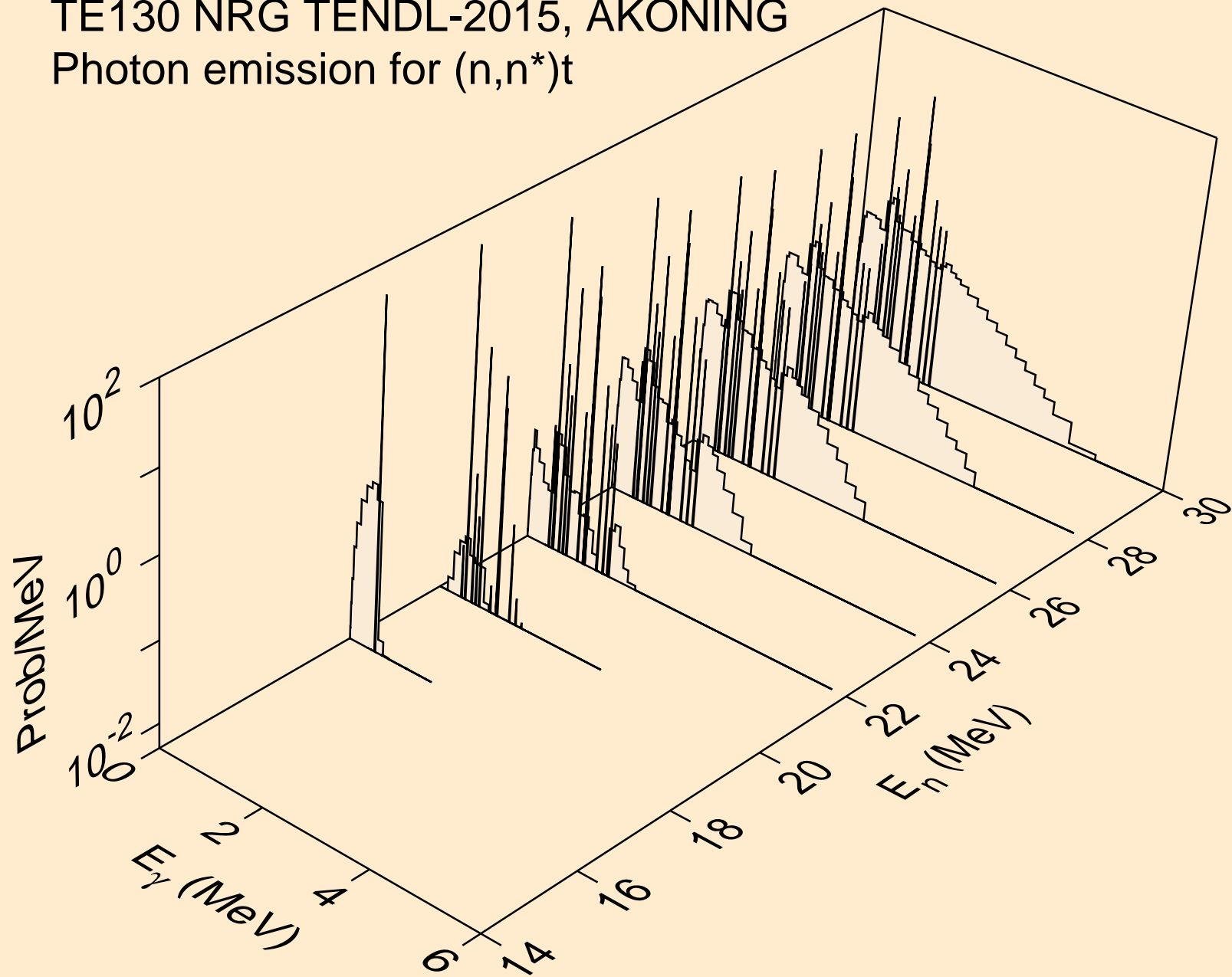
TE130 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



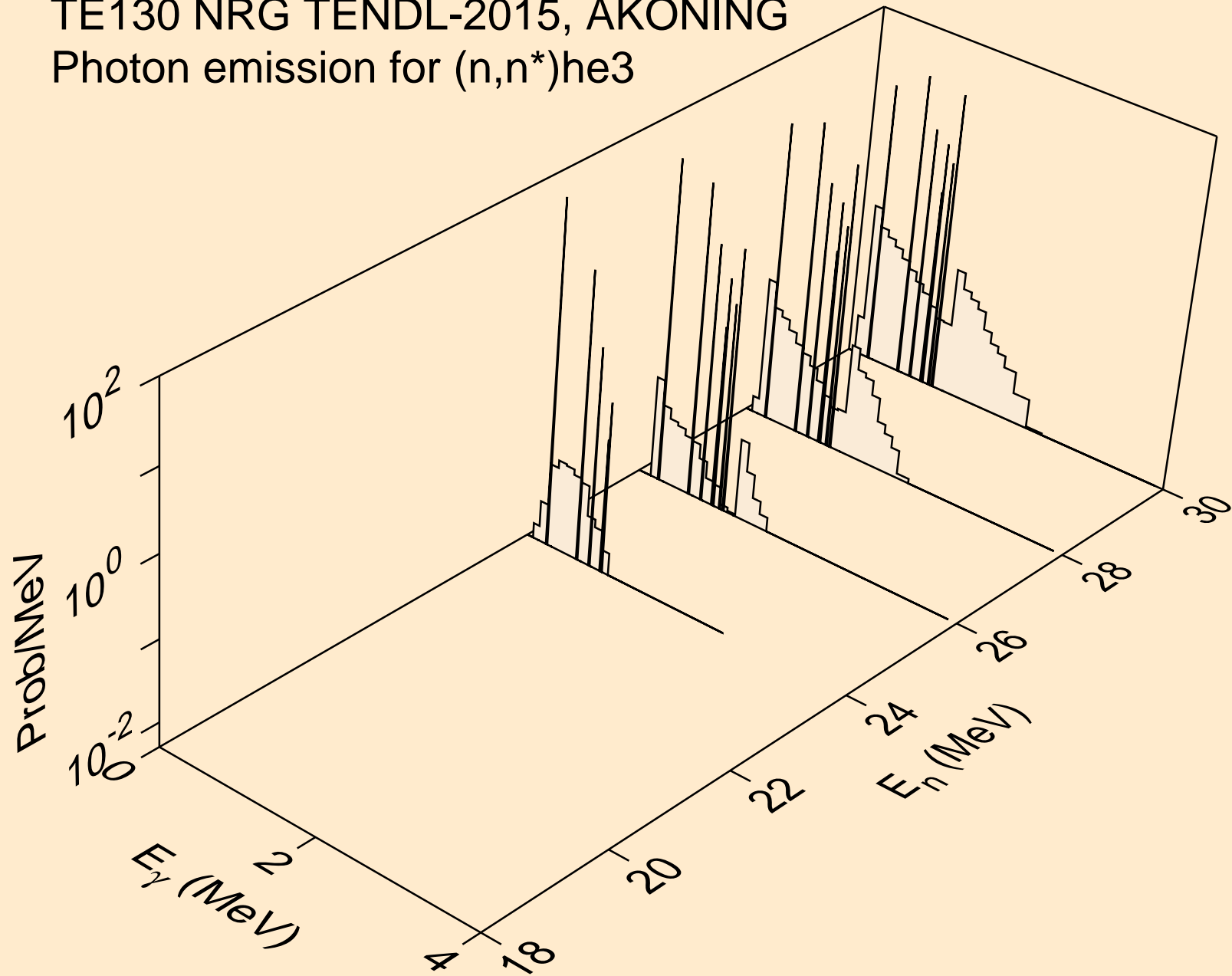
TE130 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



TE130 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

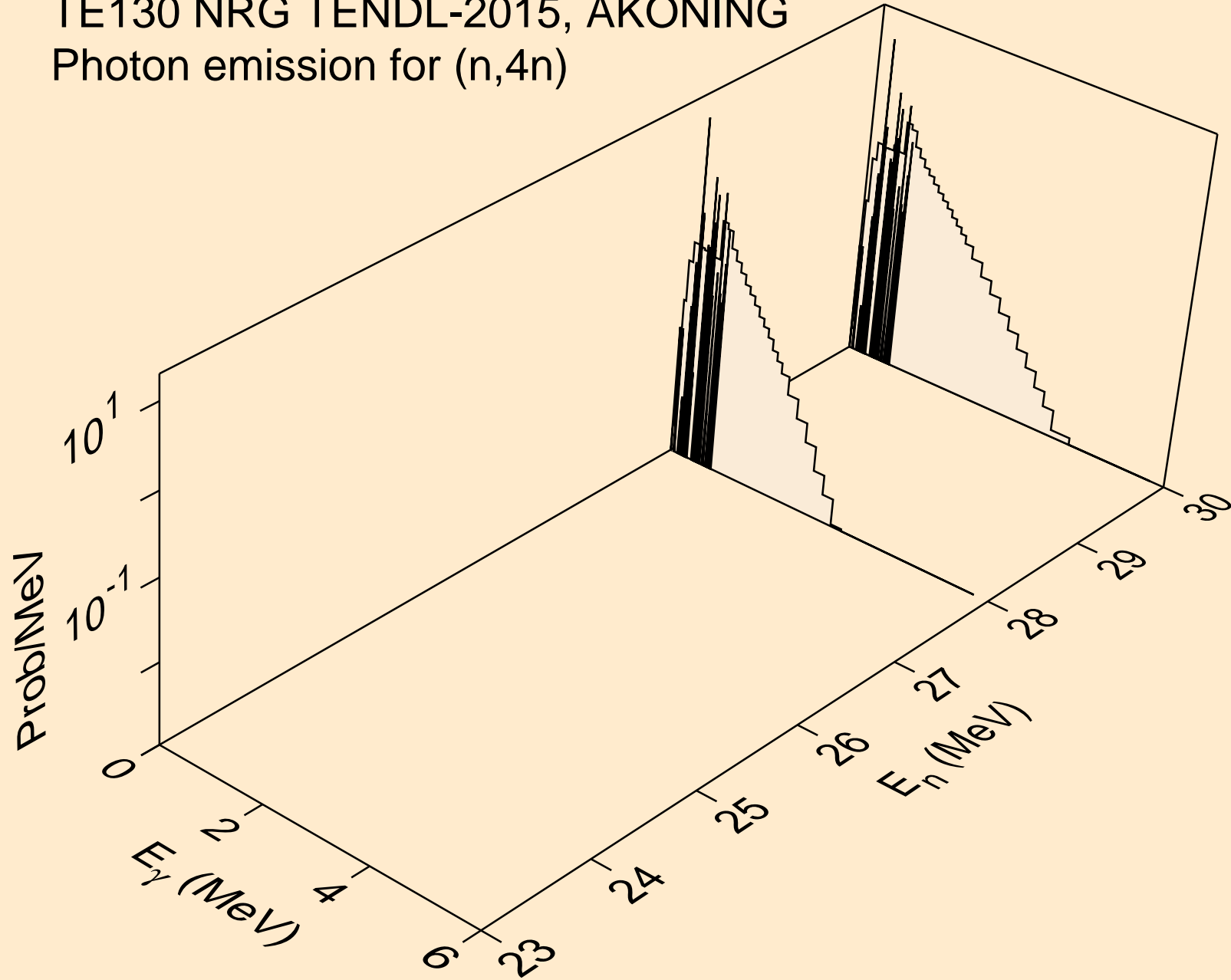


TE130 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

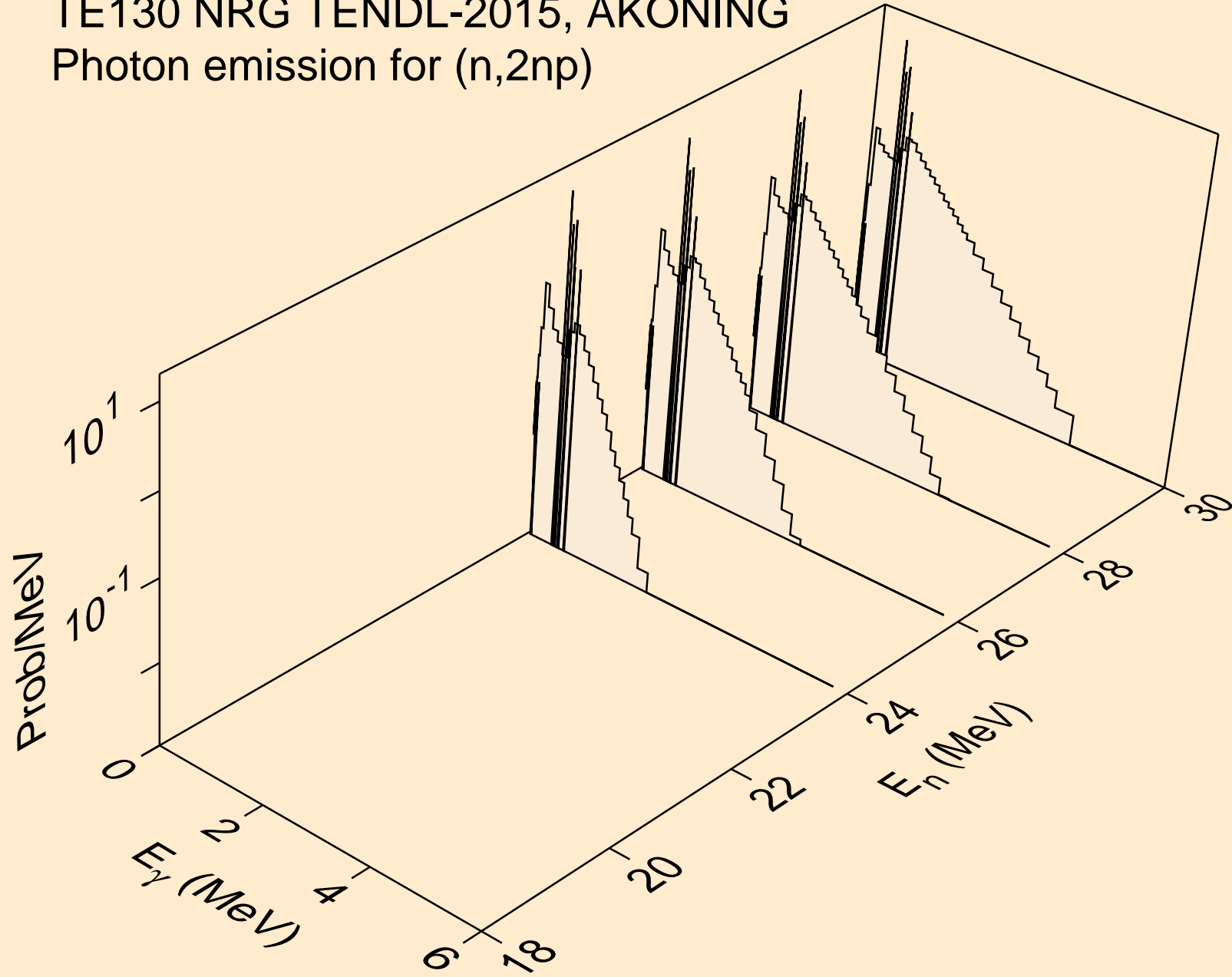




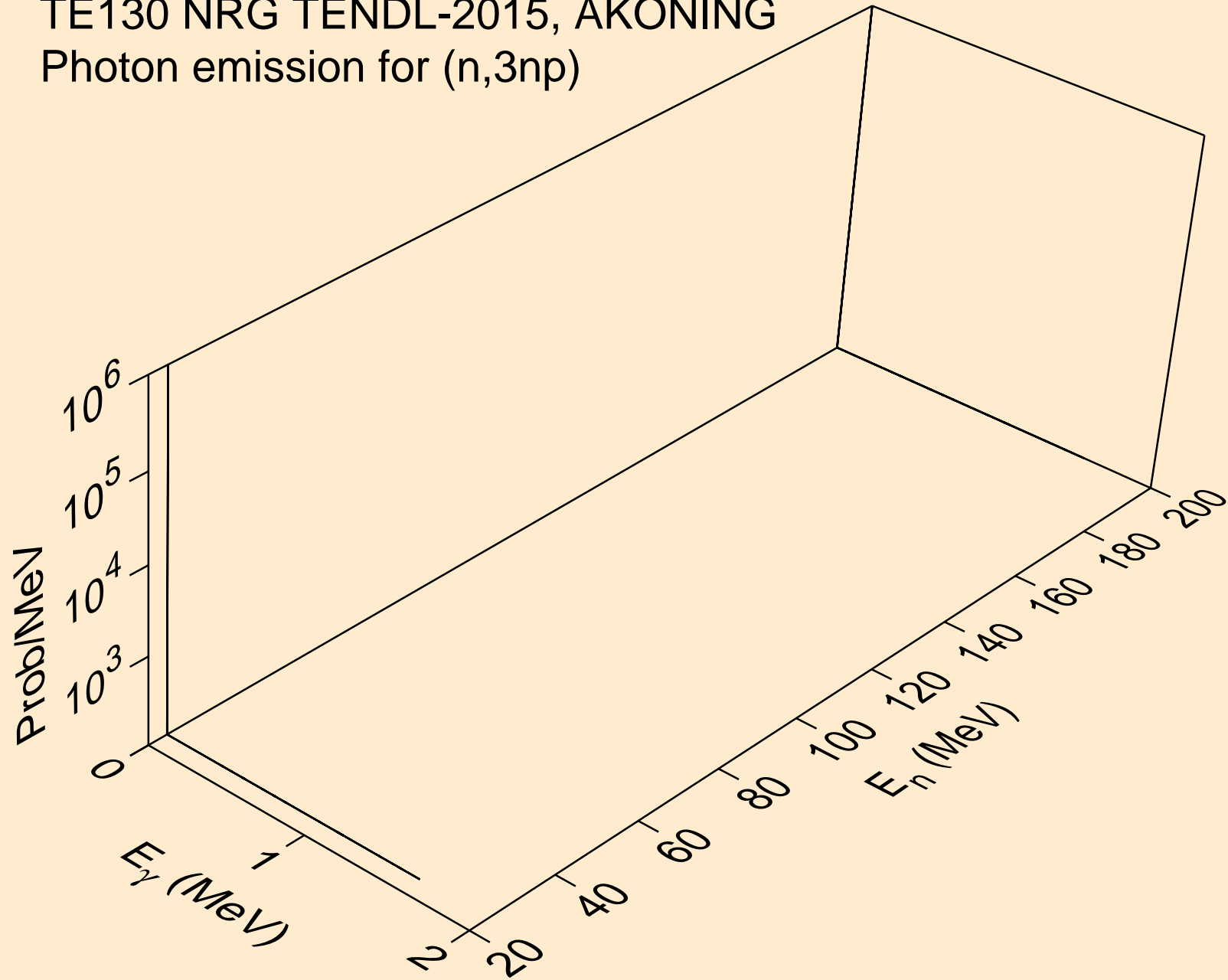
TE130 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



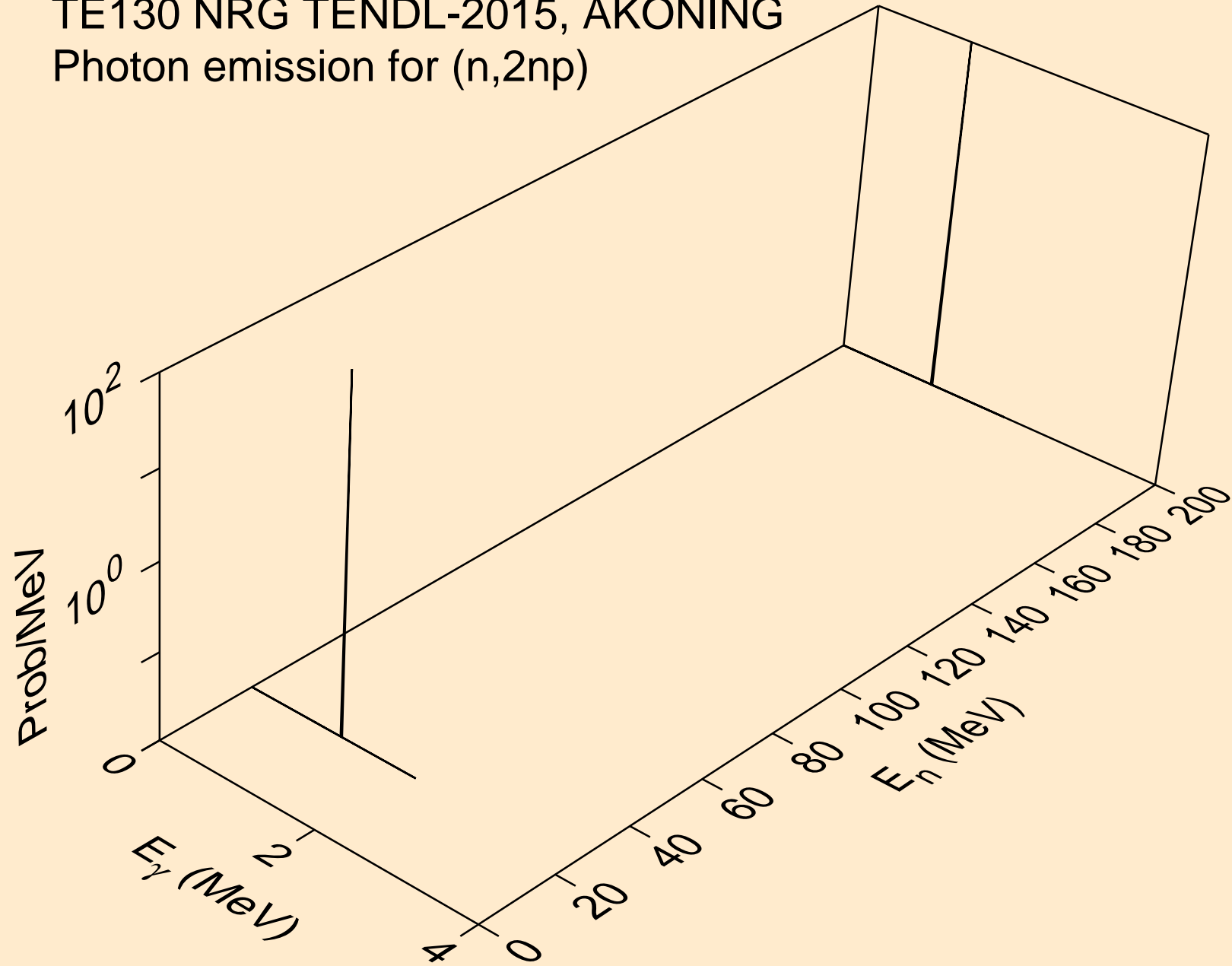
TE130 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



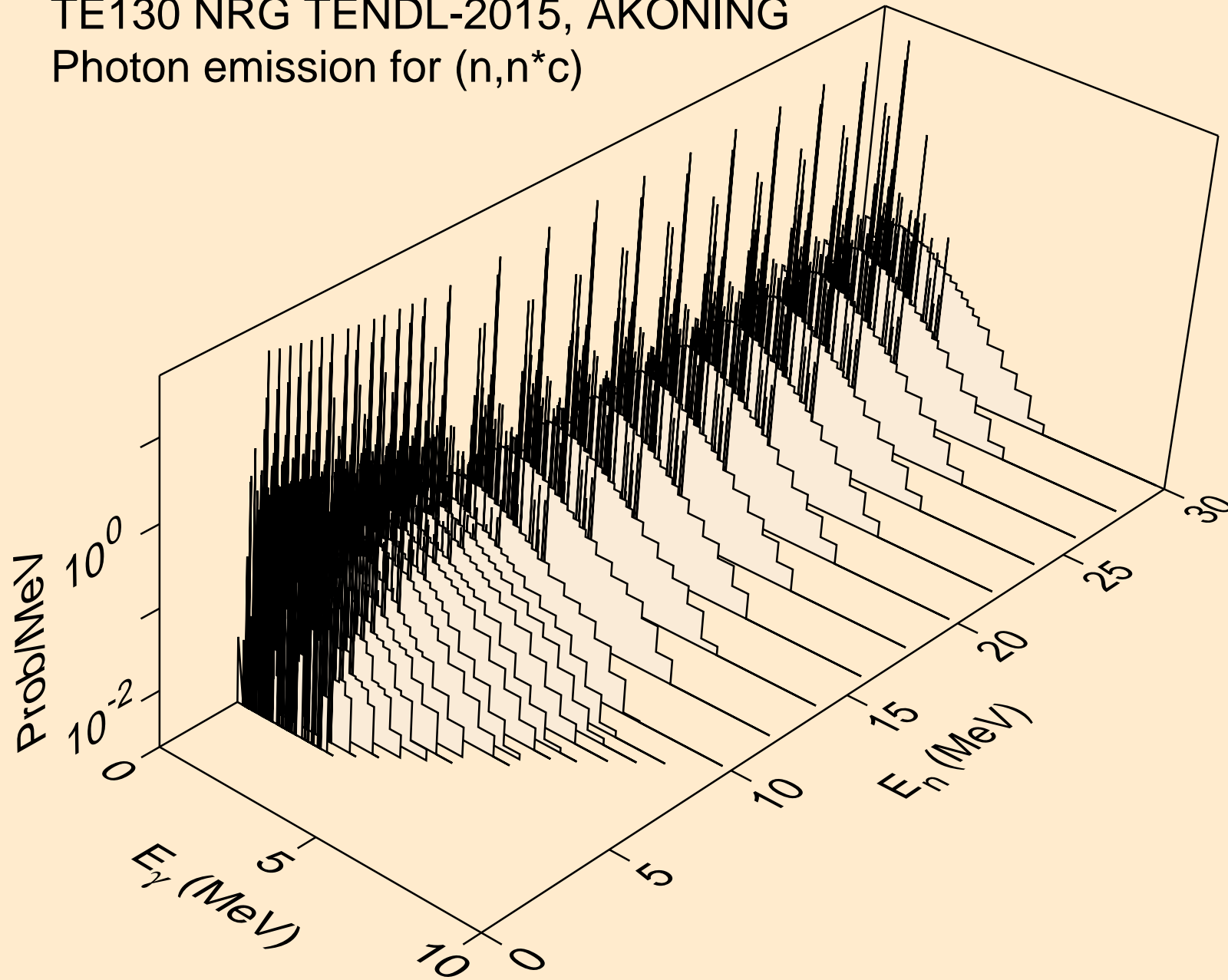
TE130 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



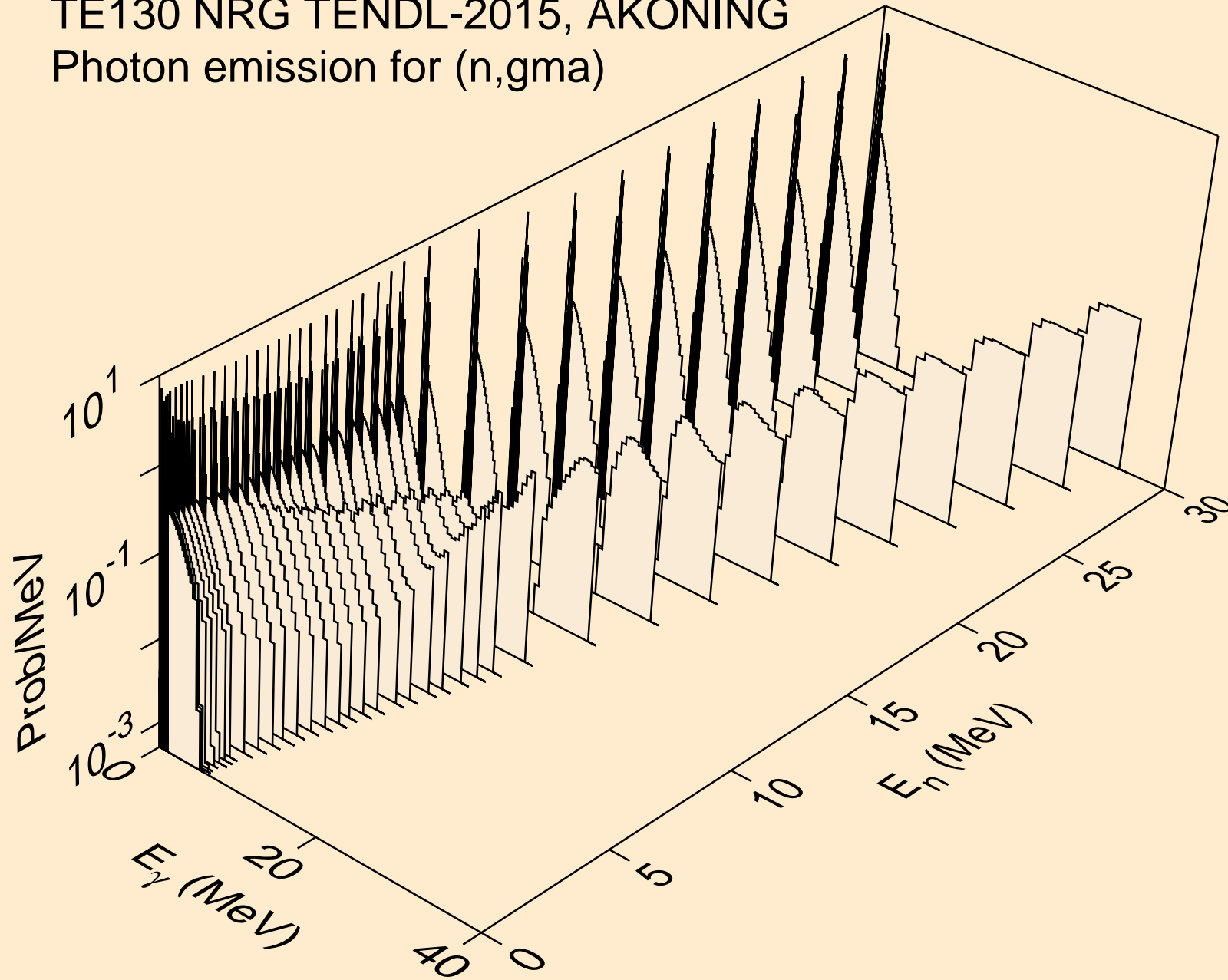
TE130 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



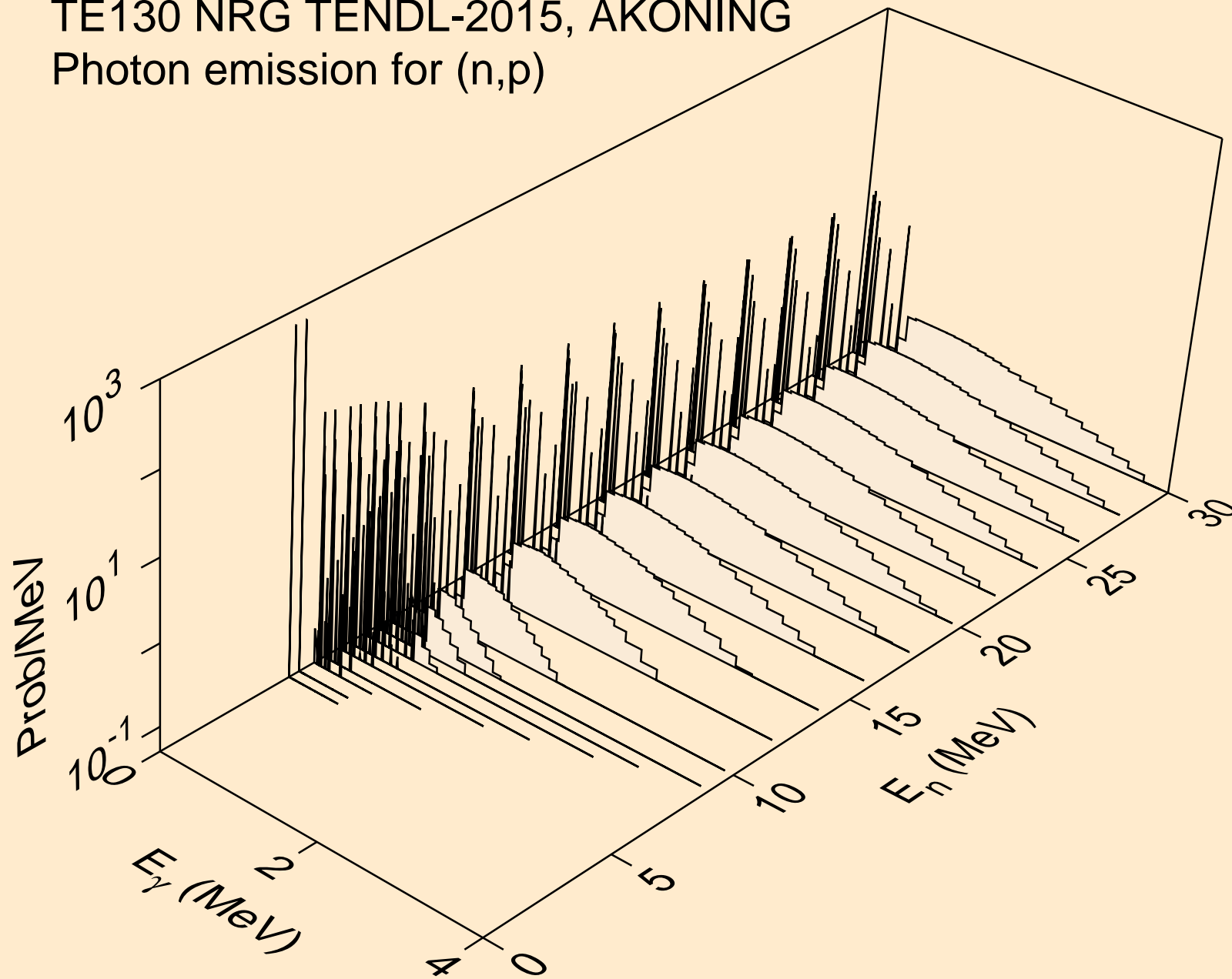
TE130 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



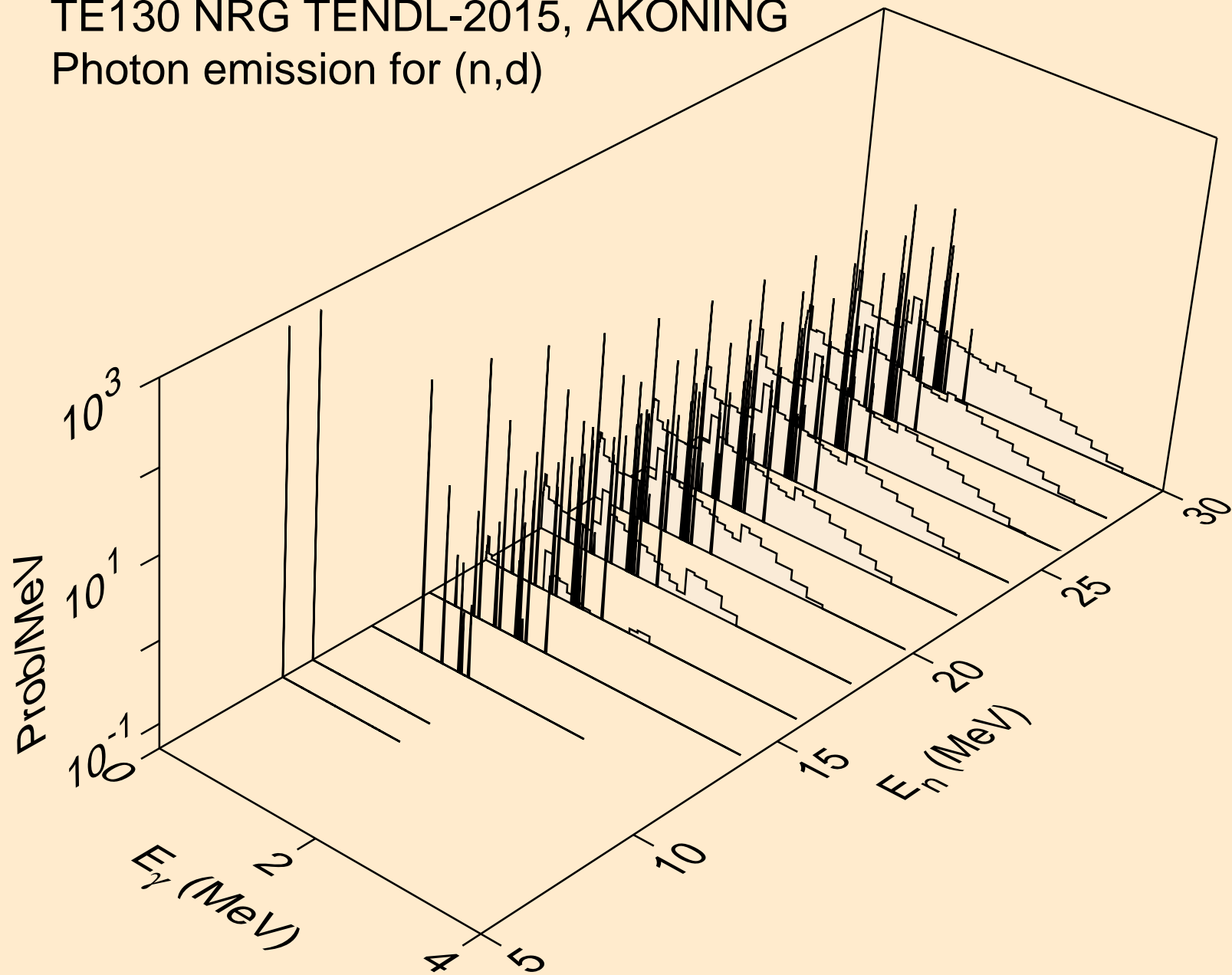
TE130 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



TE130 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

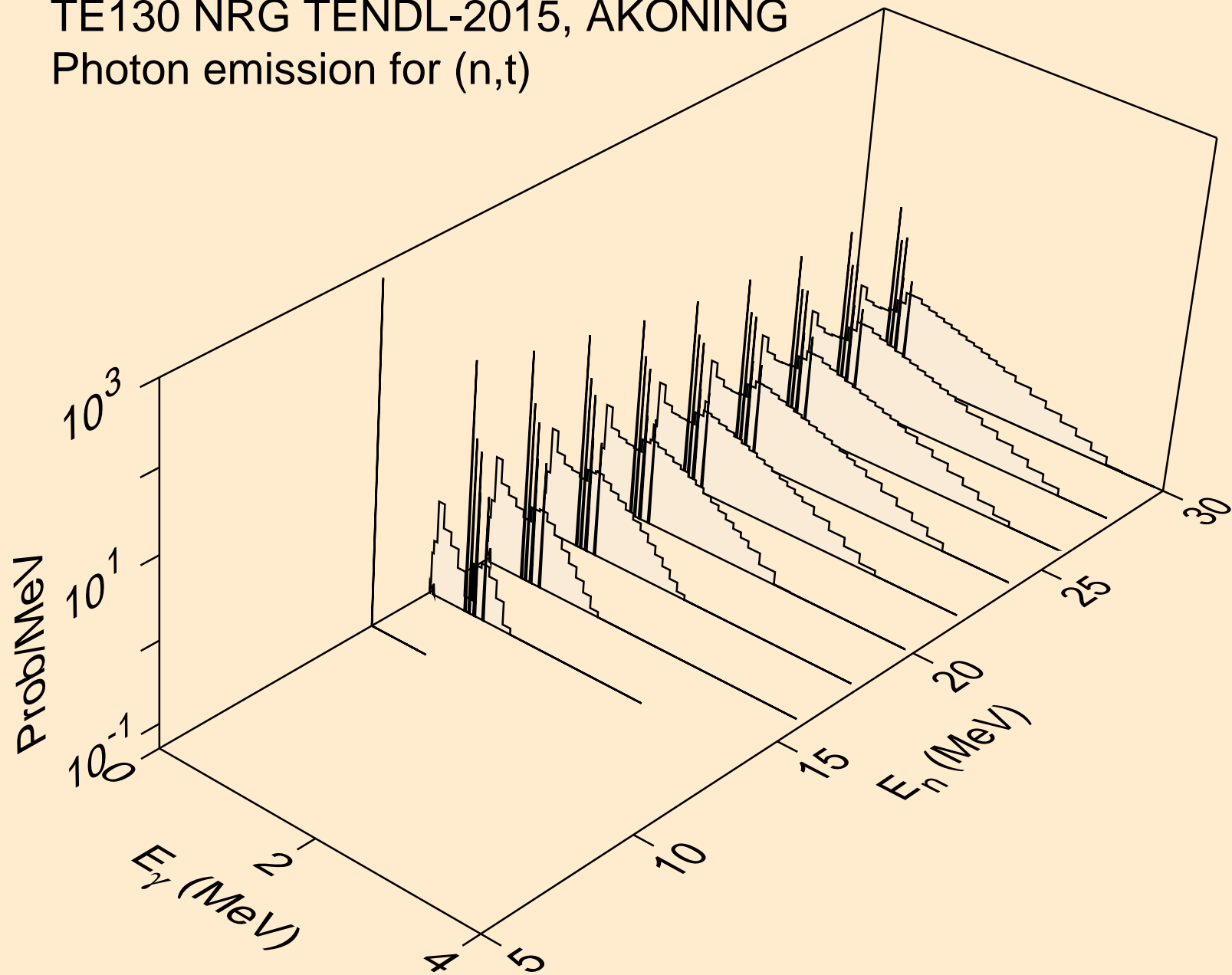


TE130 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

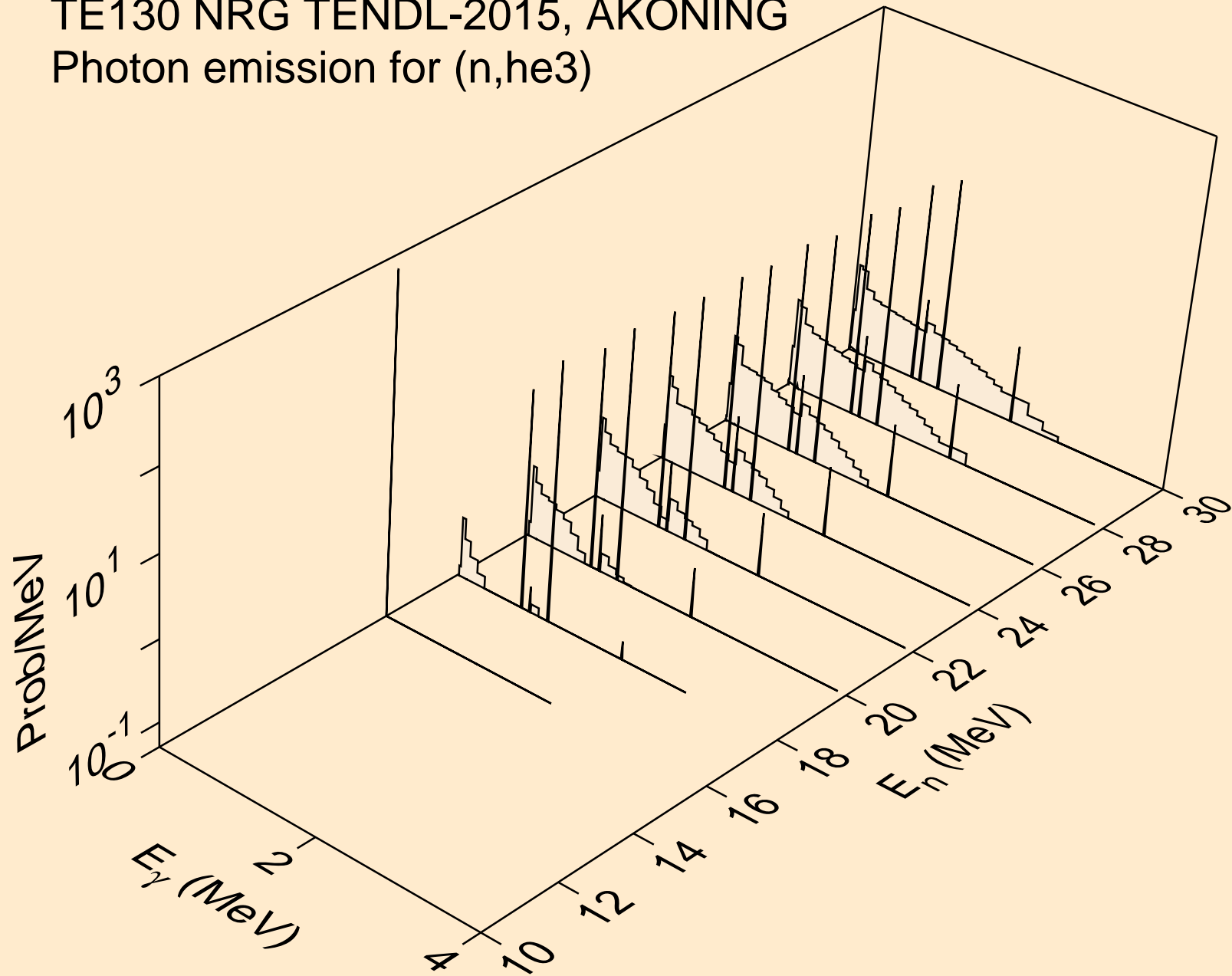




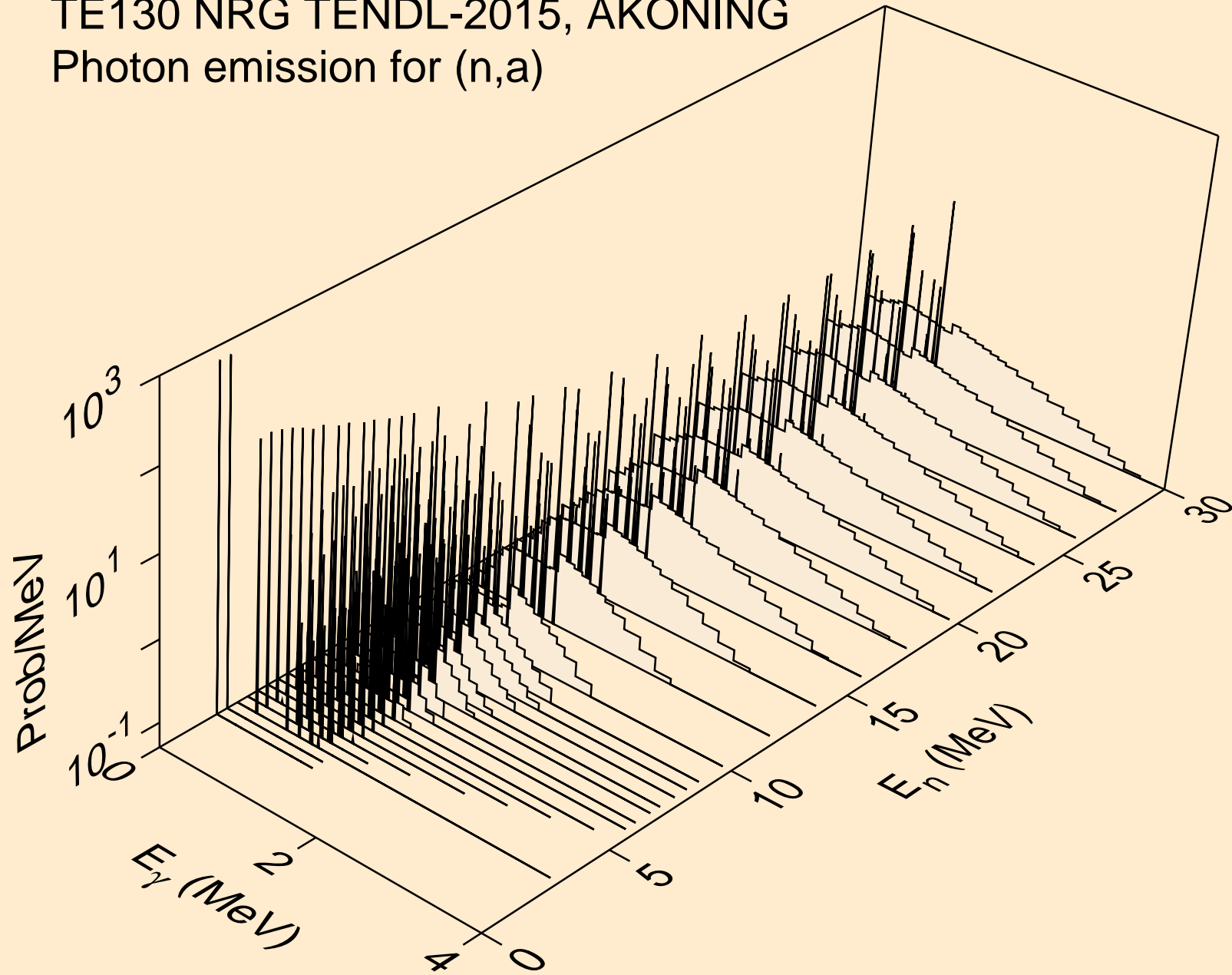
TE130 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



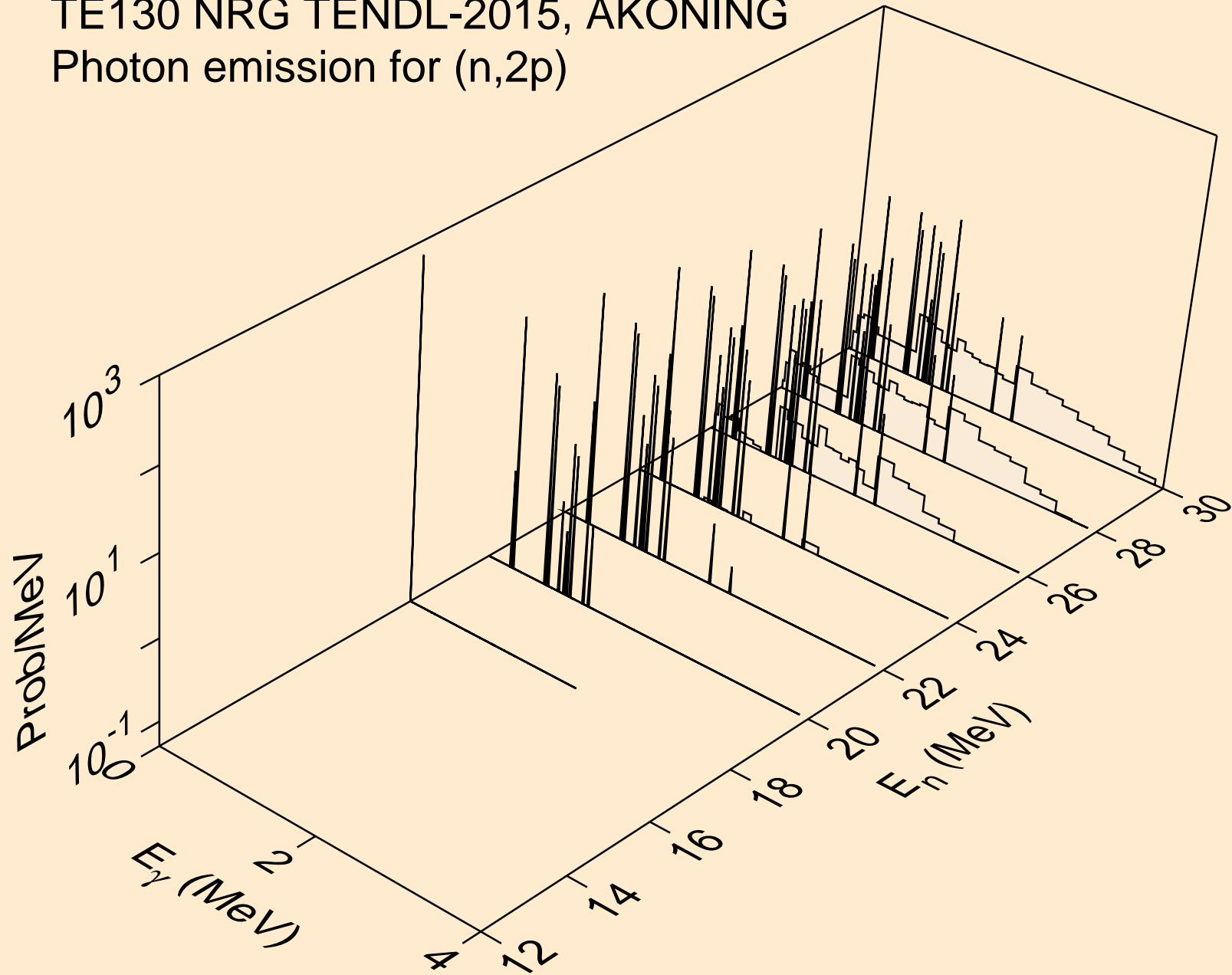
TE130 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



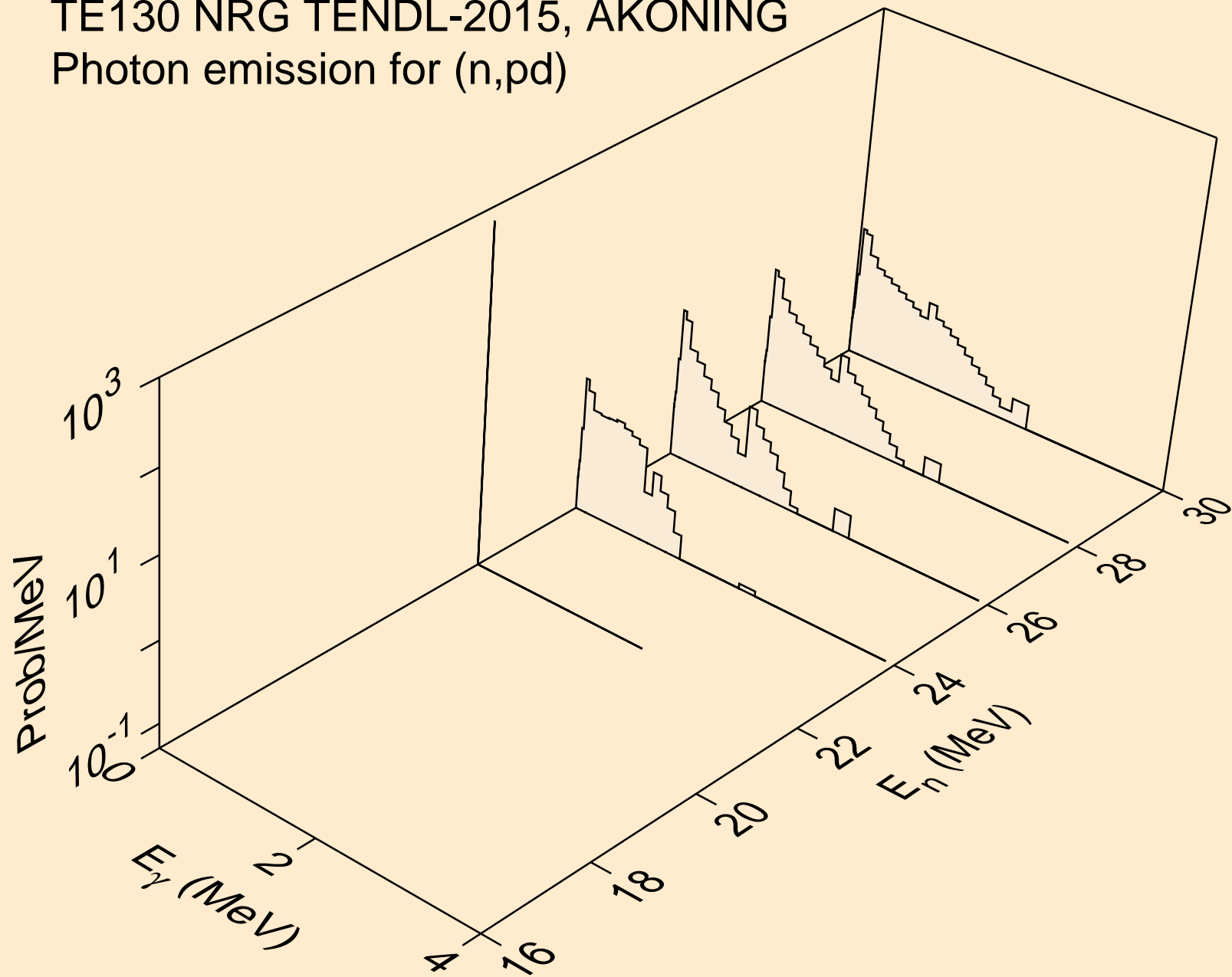
TE130 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



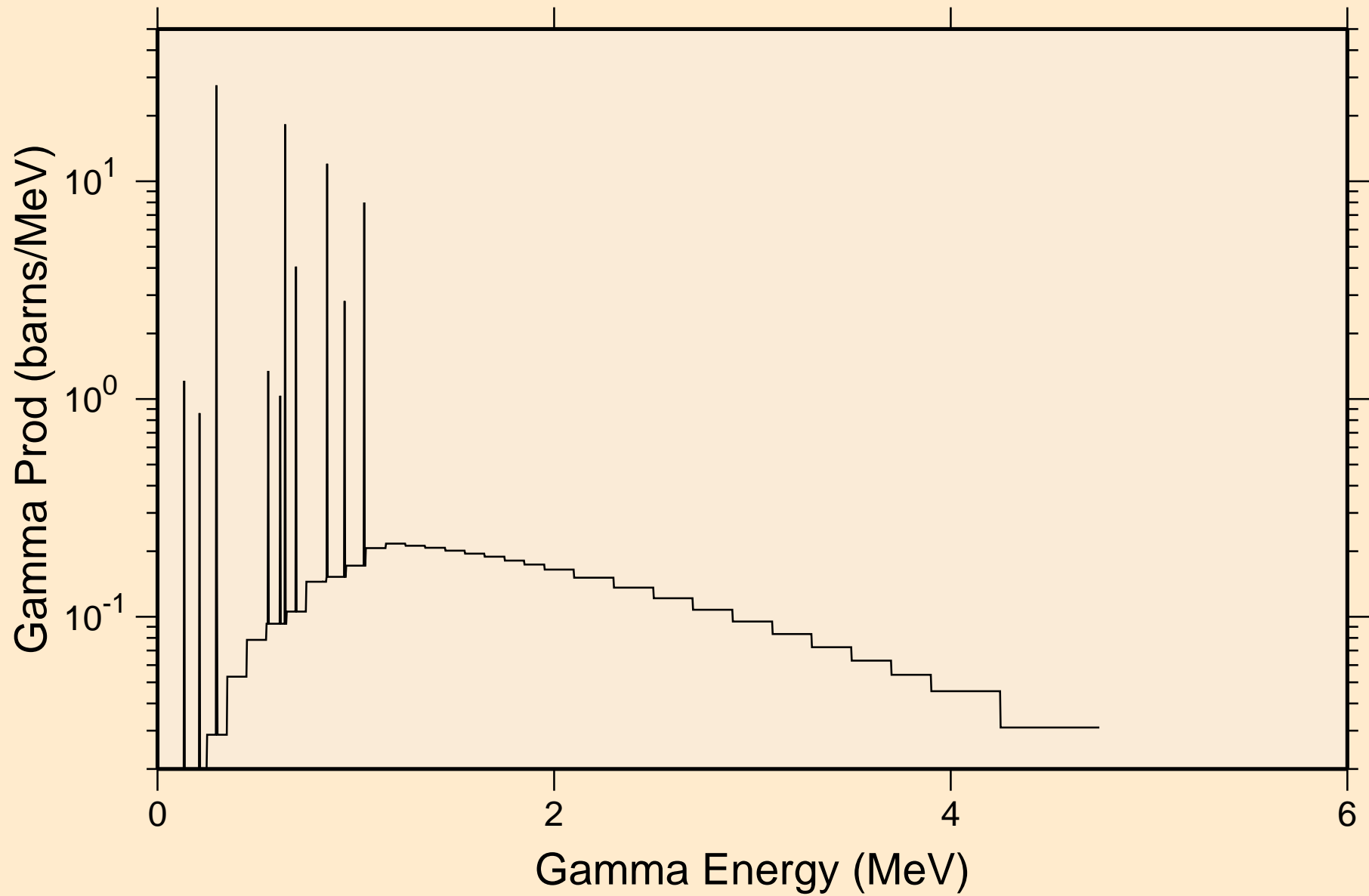
TE130 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



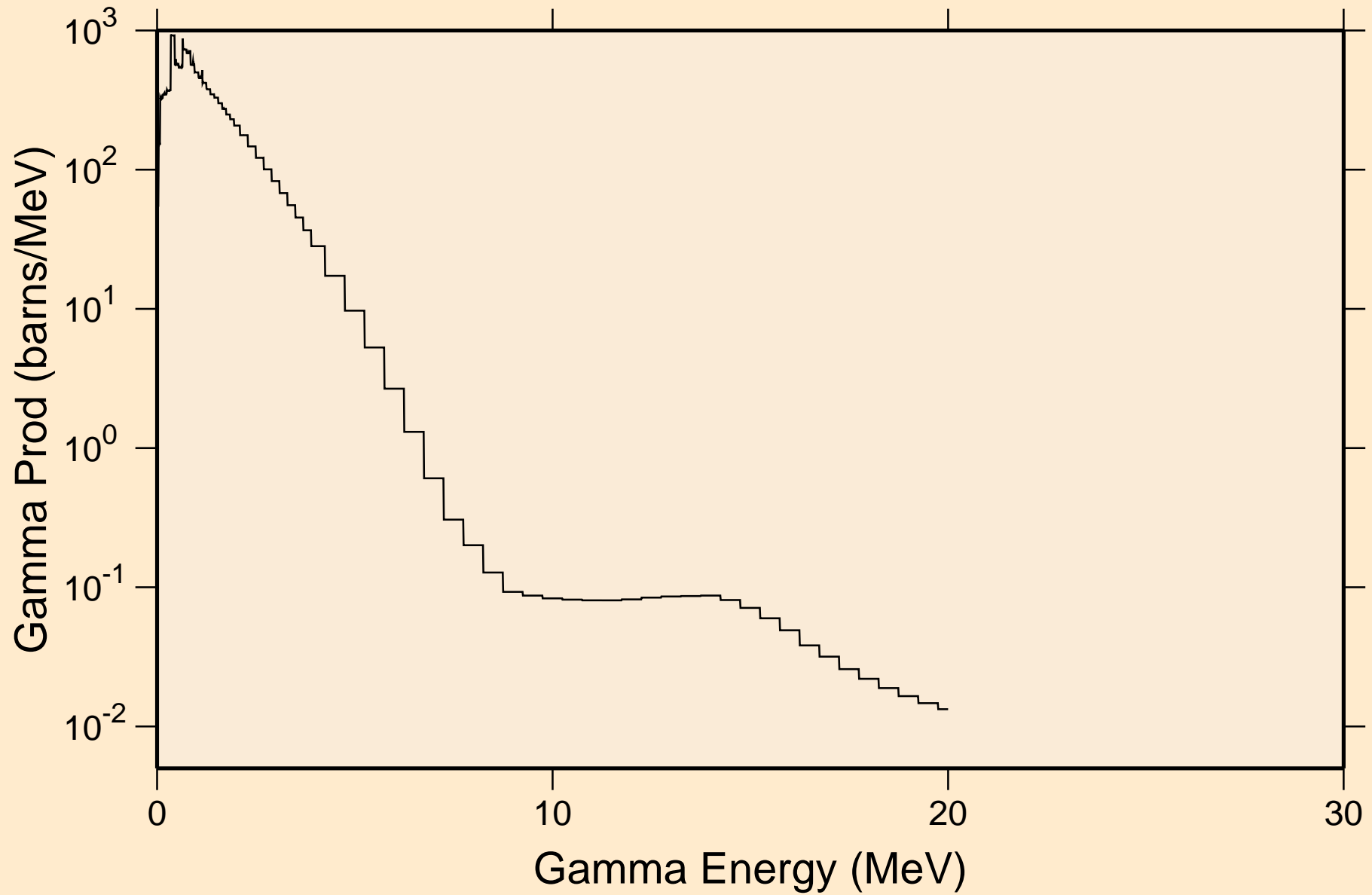
TE130 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



TE130 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

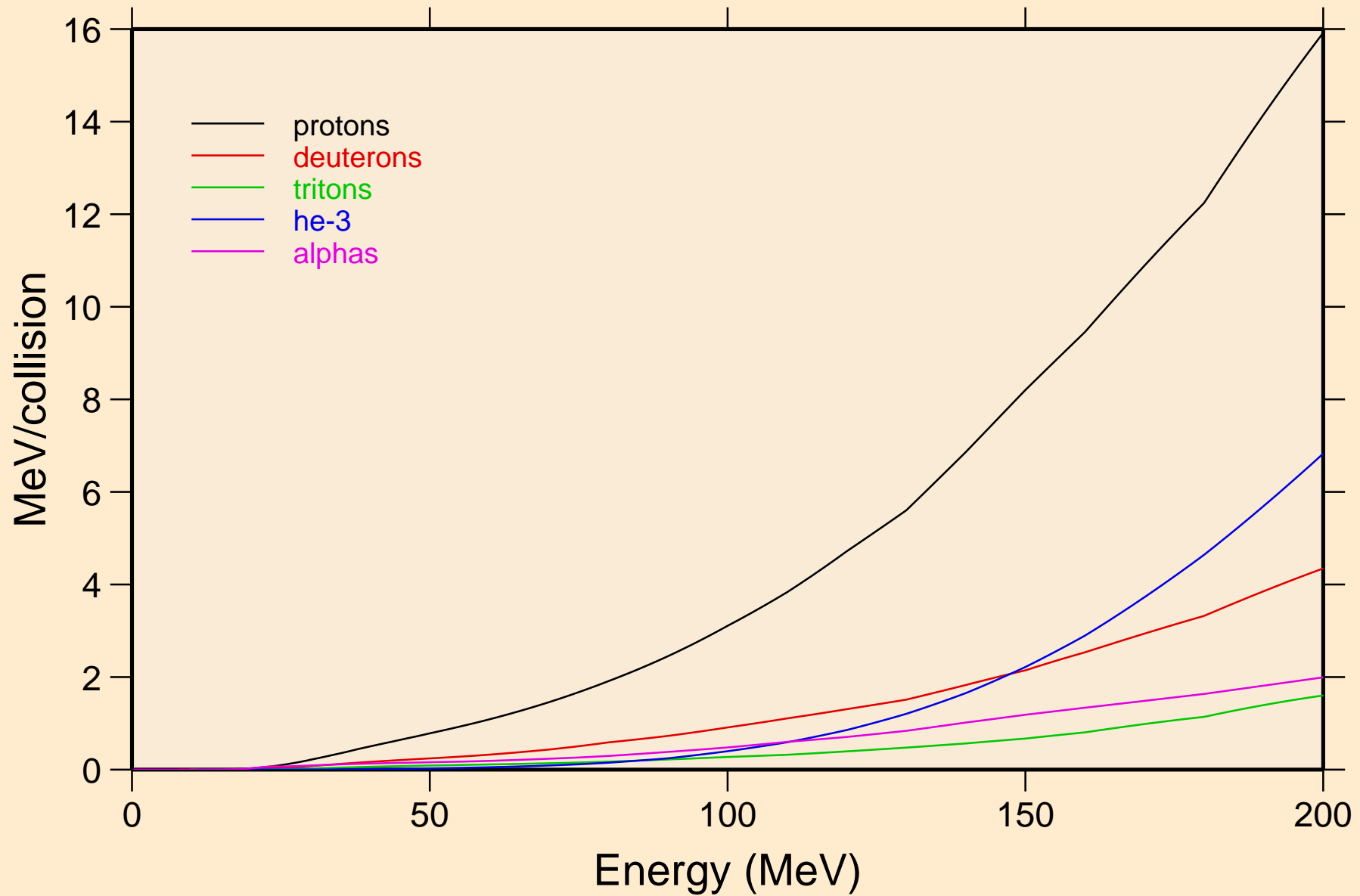


TE130 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



# TE130 NRG TENDL-2015, AKONING

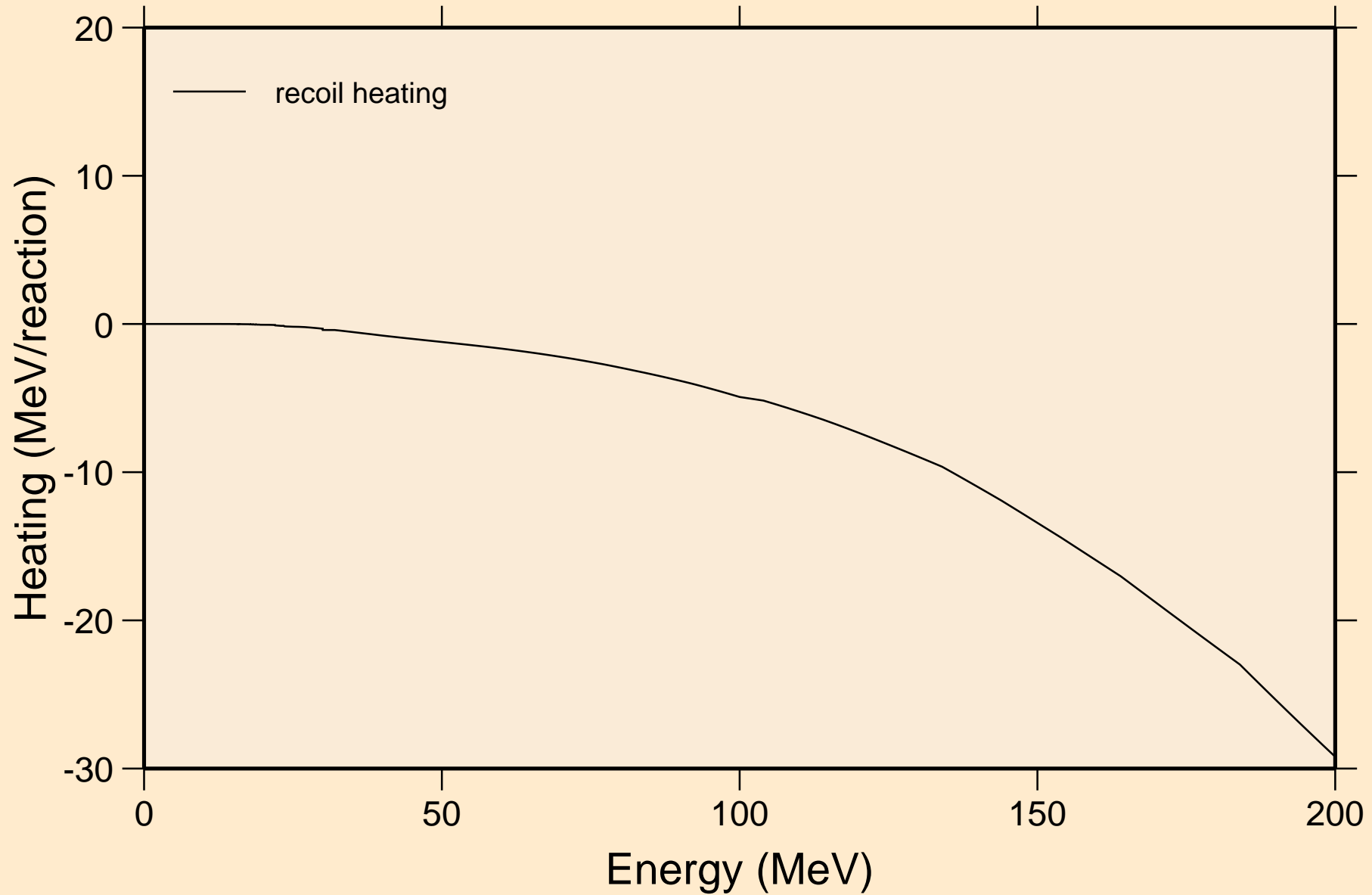
## Particle heating contributions





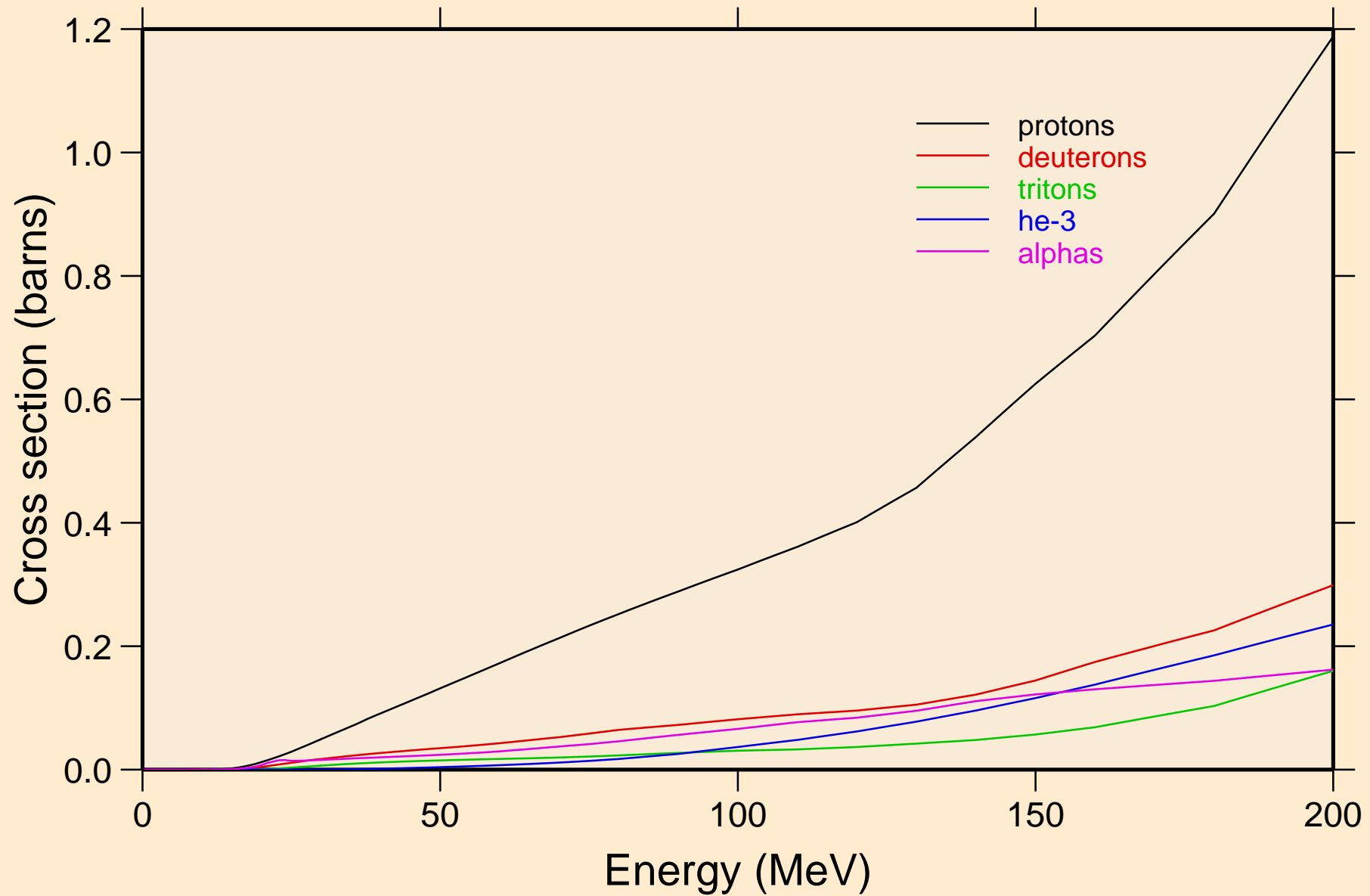
# TE130 NRG TENDL-2015, AKONING

## Recoil Heating

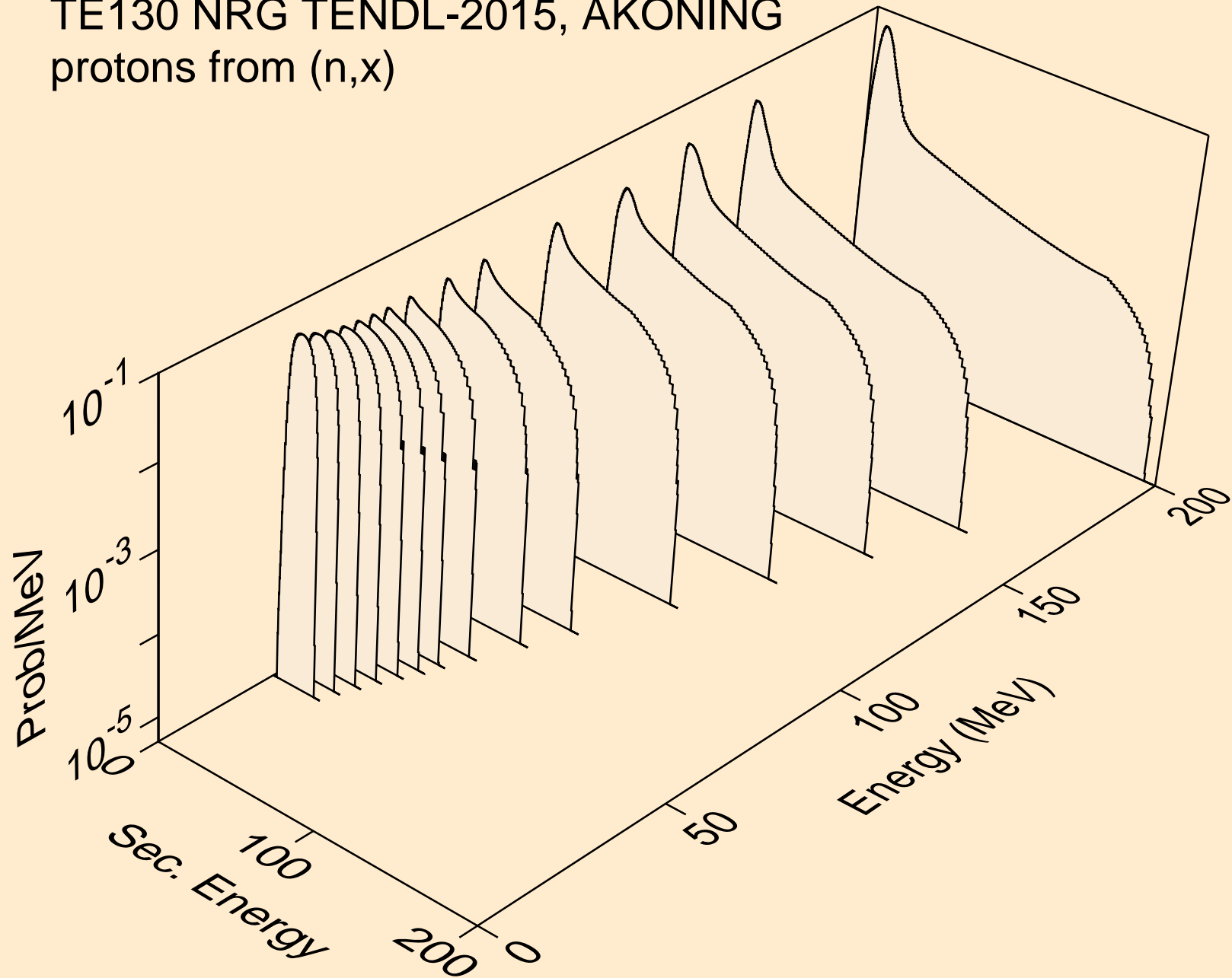


# TE130 NRG TENDL-2015, AKONING

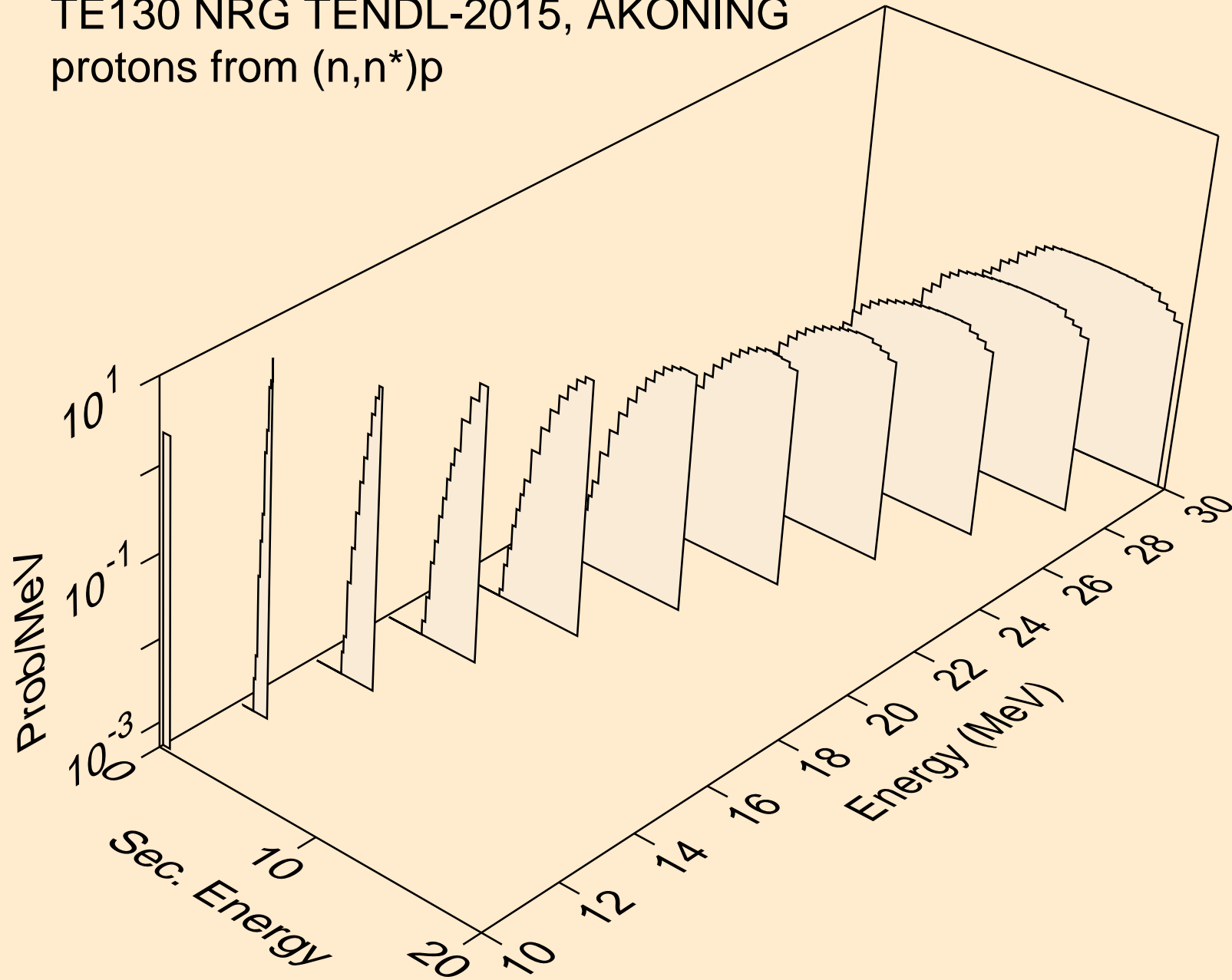
## Particle production cross sections



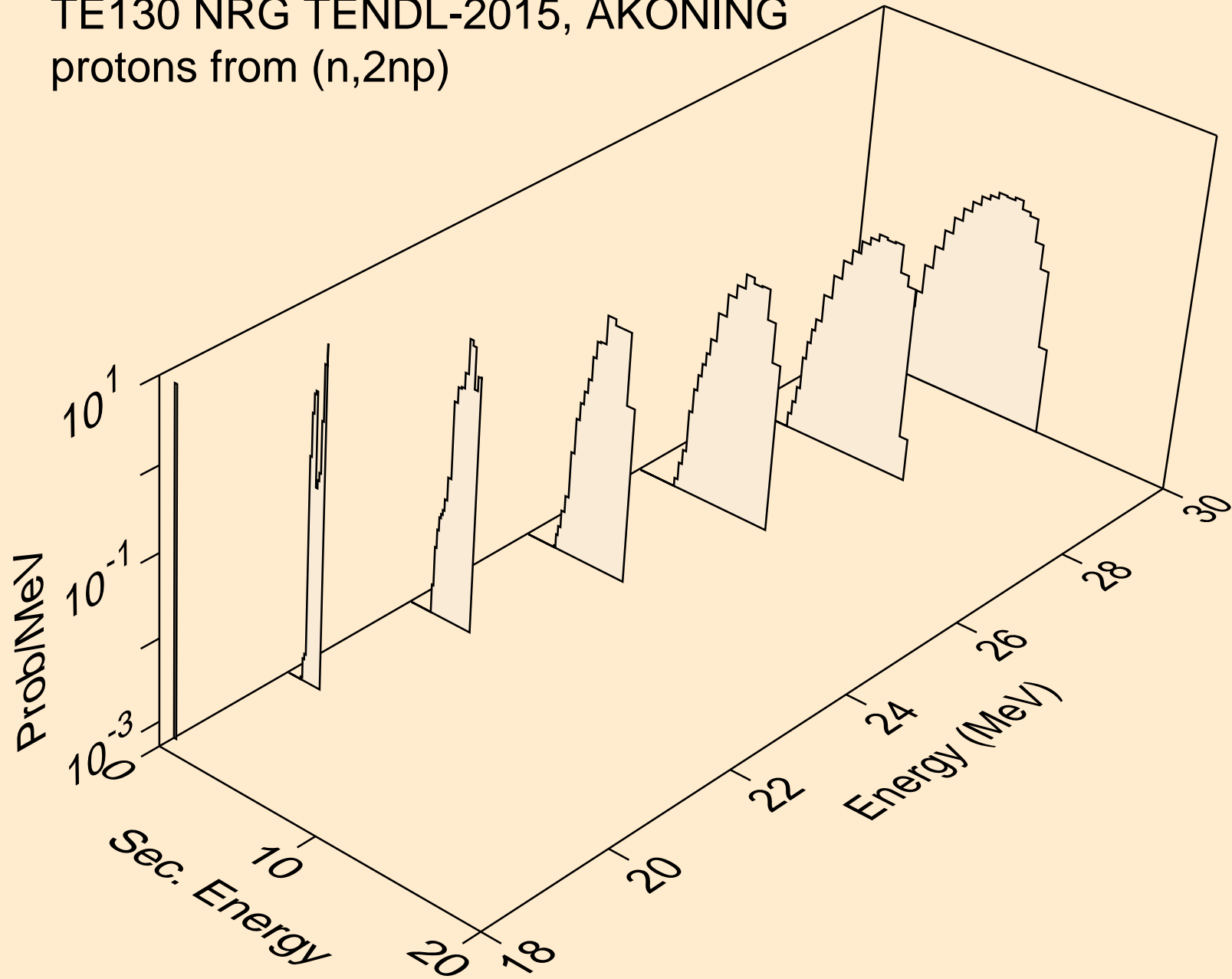
TE130 NRG TENDL-2015, AKONING  
protons from (n,x)



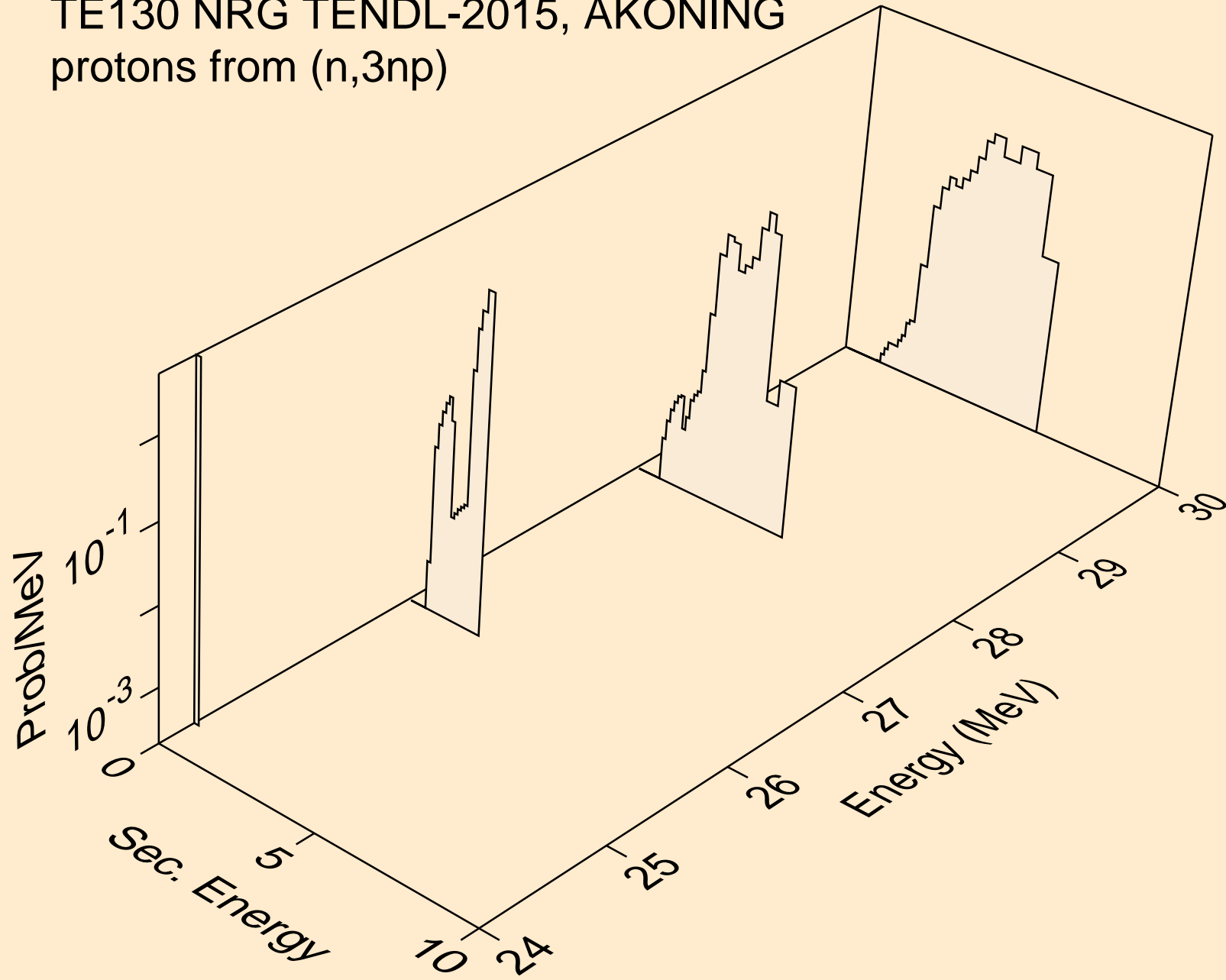
TE130 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



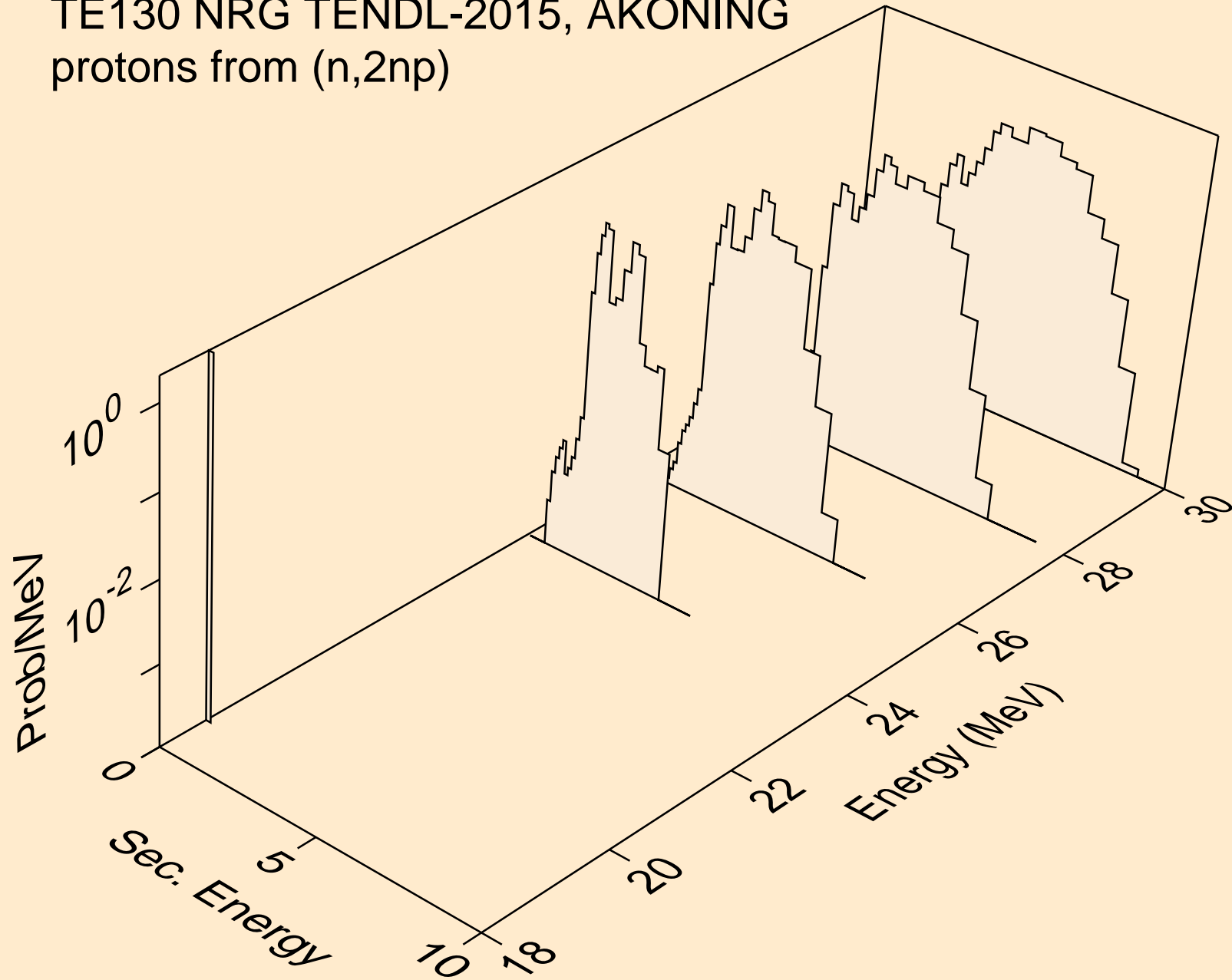
TE130 NRG TENDL-2015, AKONING  
protons from (n,2np)



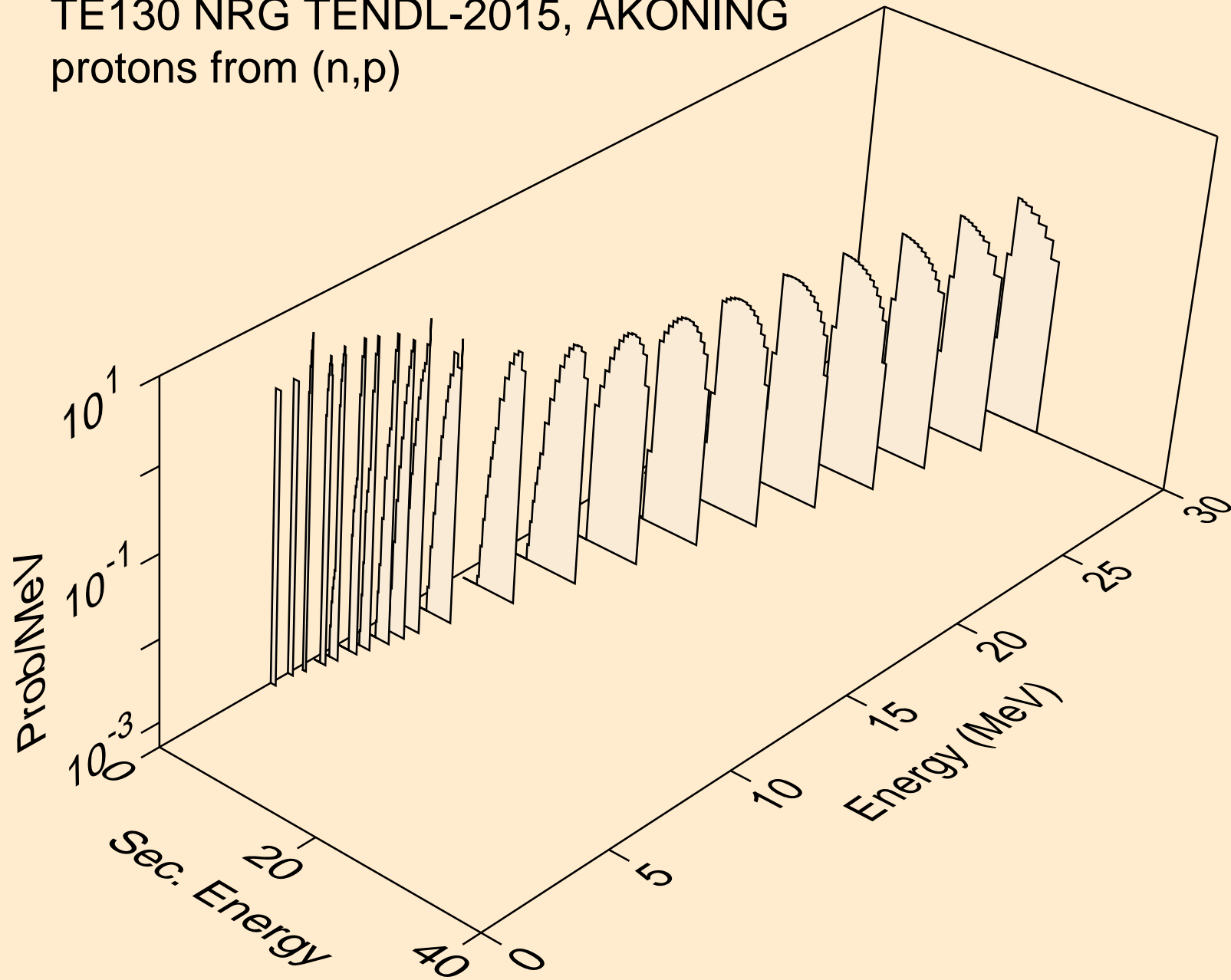
TE130 NRG TENDL-2015, AKONING  
protons from (n,3np)



TE130 NRG TENDL-2015, AKONING  
protons from (n,2np)

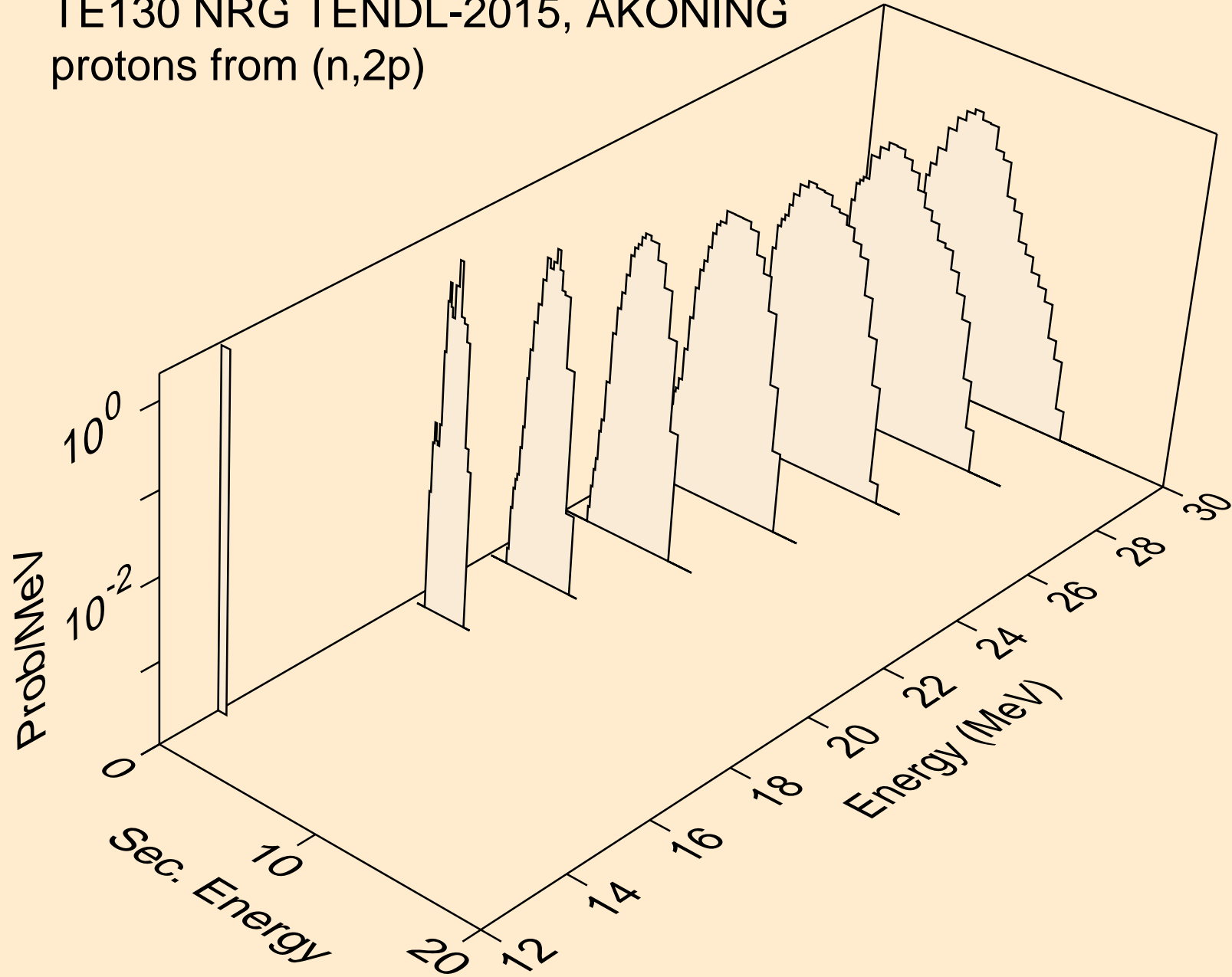


TE130 NRG TENDL-2015, AKONING  
protons from (n,p)

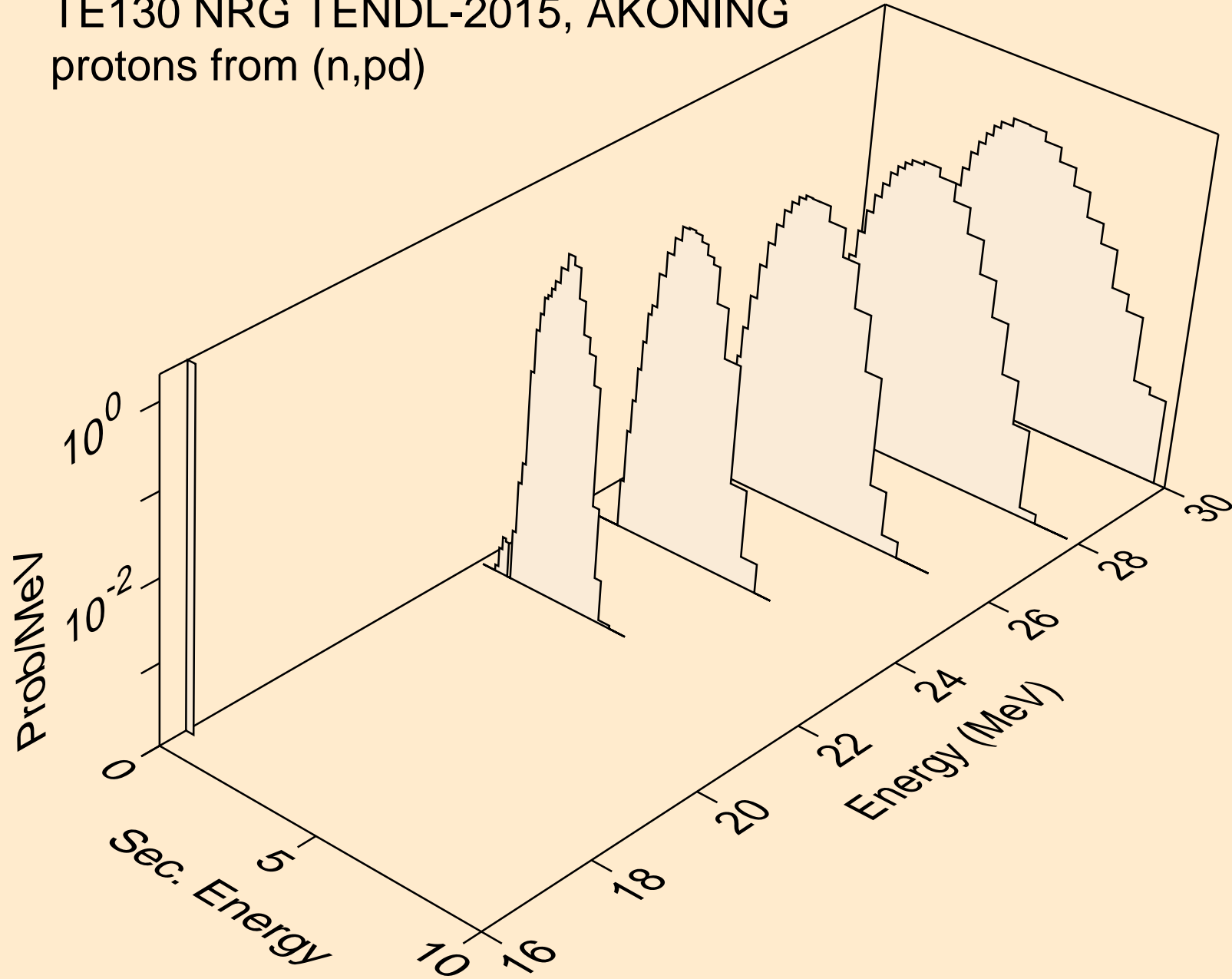




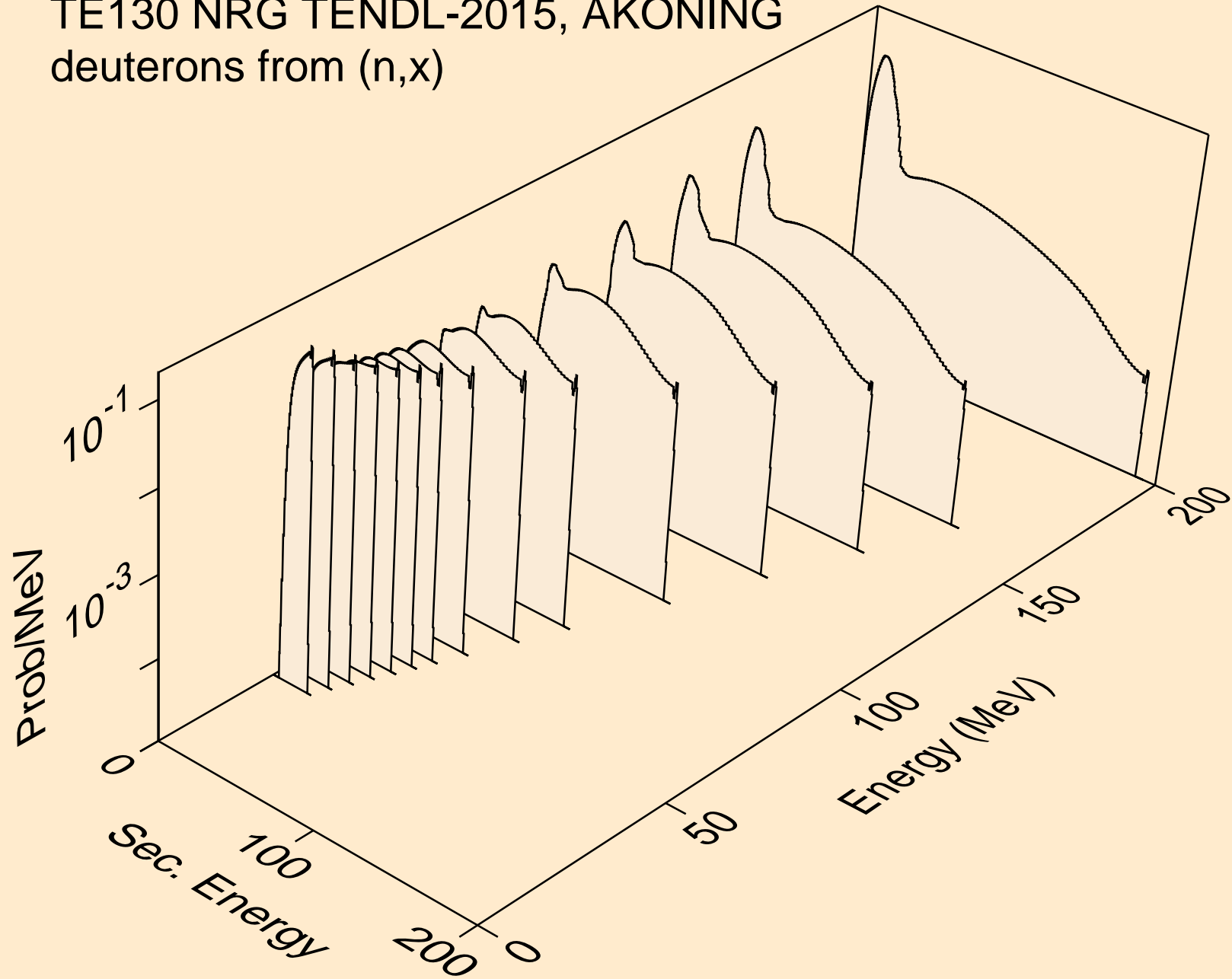
TE130 NRG TENDL-2015, AKONING  
protons from (n,2p)



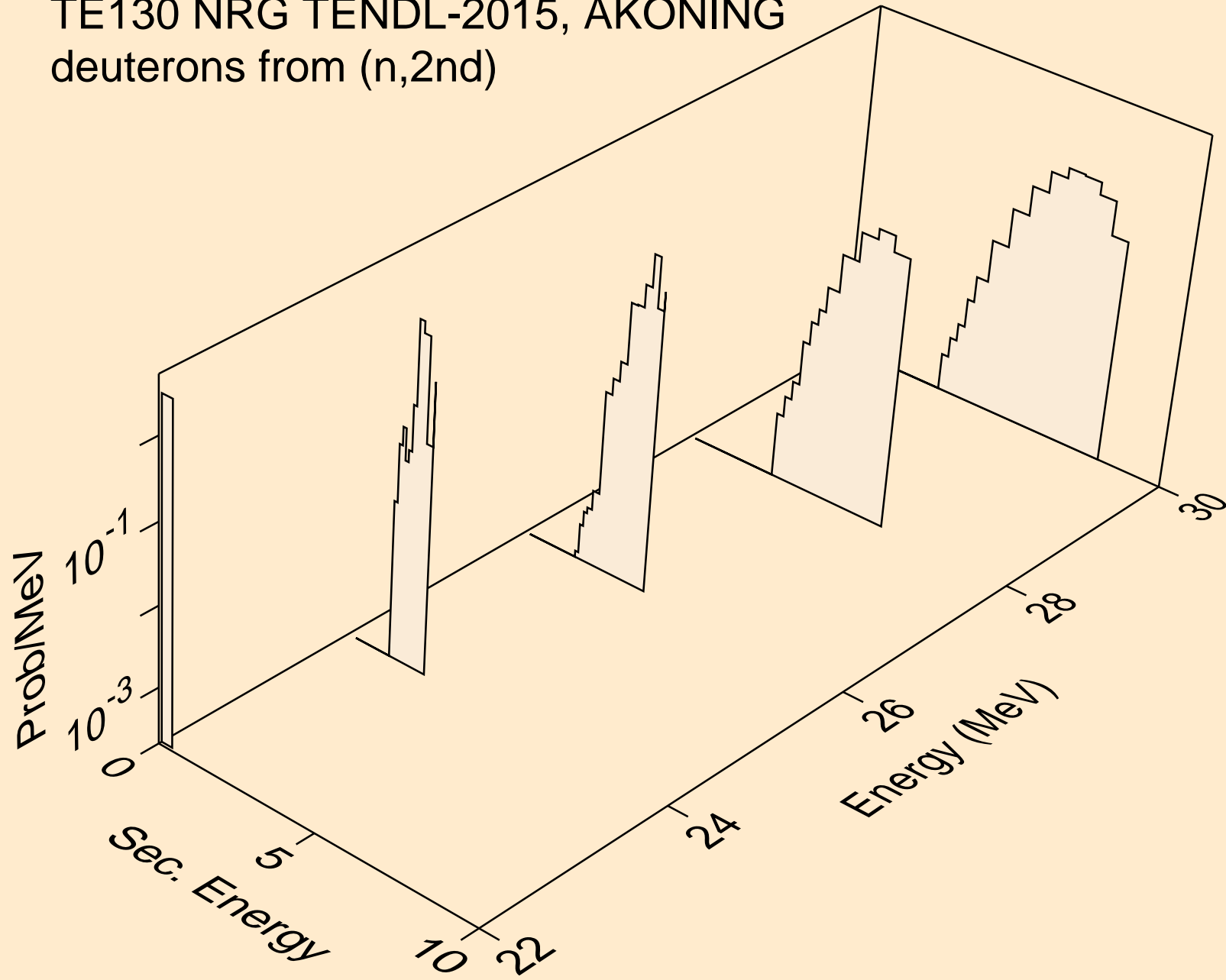
TE130 NRG TENDL-2015, AKONING  
protons from (n,pd)



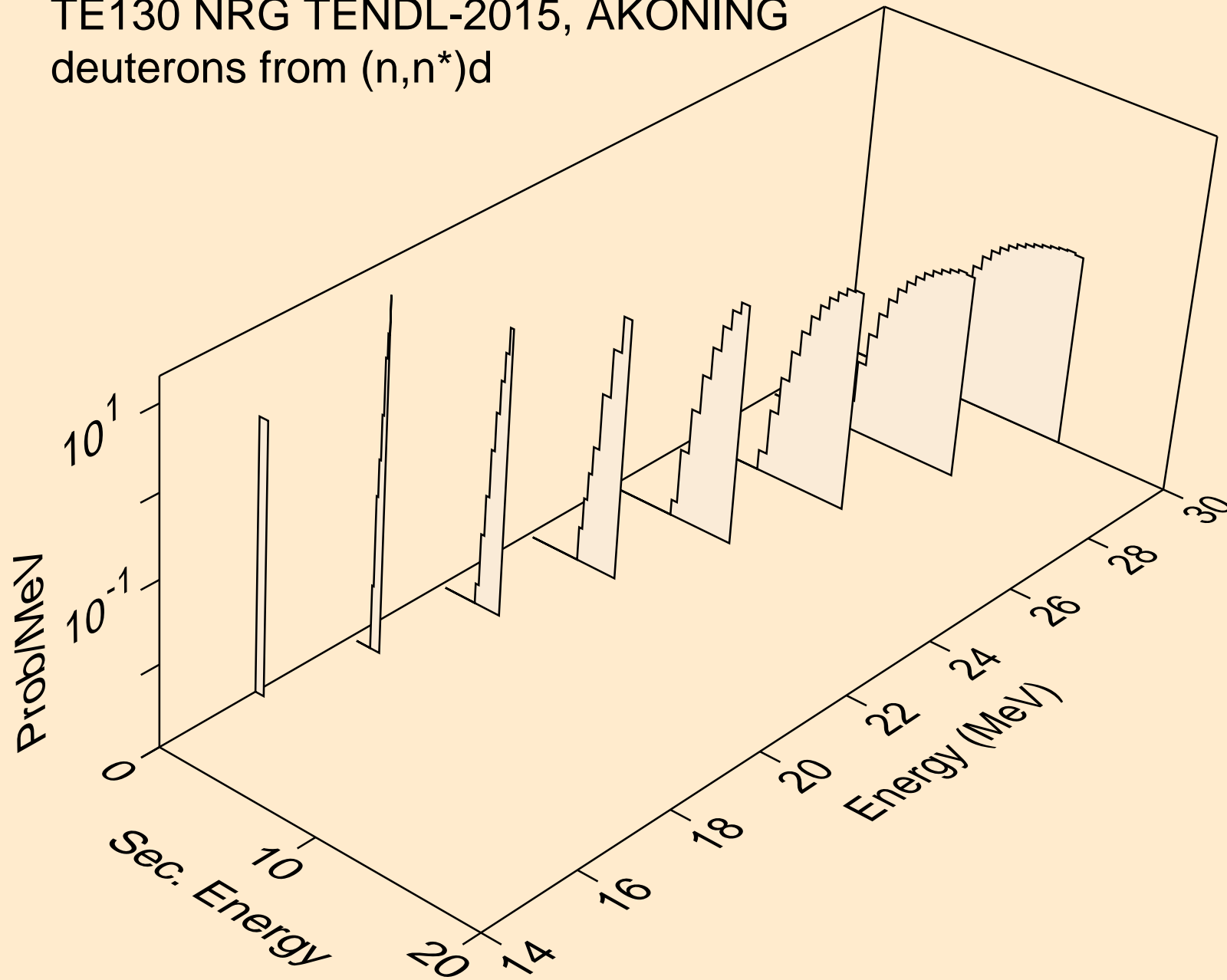
TE130 NRG TENDL-2015, AKONING  
deuterons from (n,x)



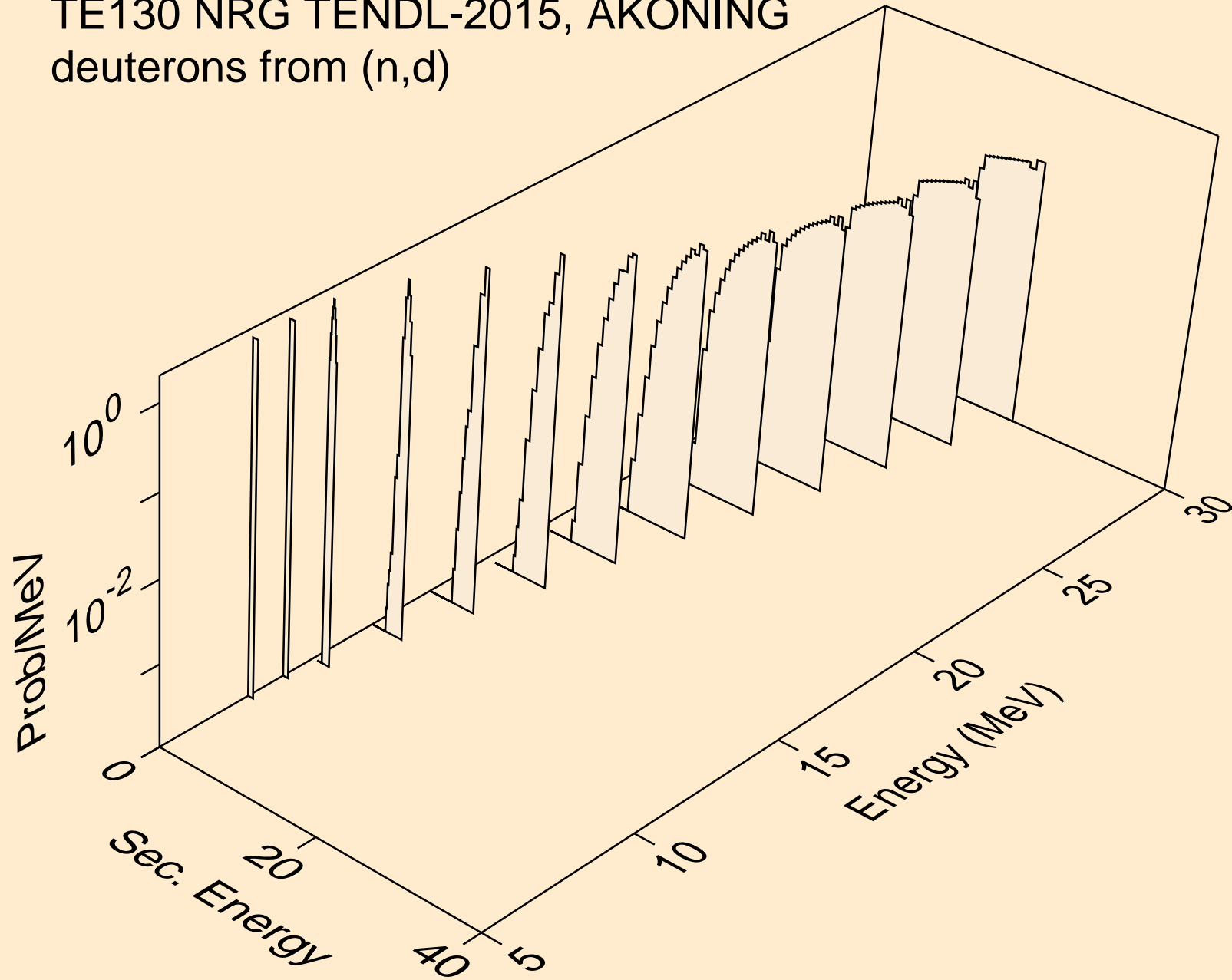
TE130 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



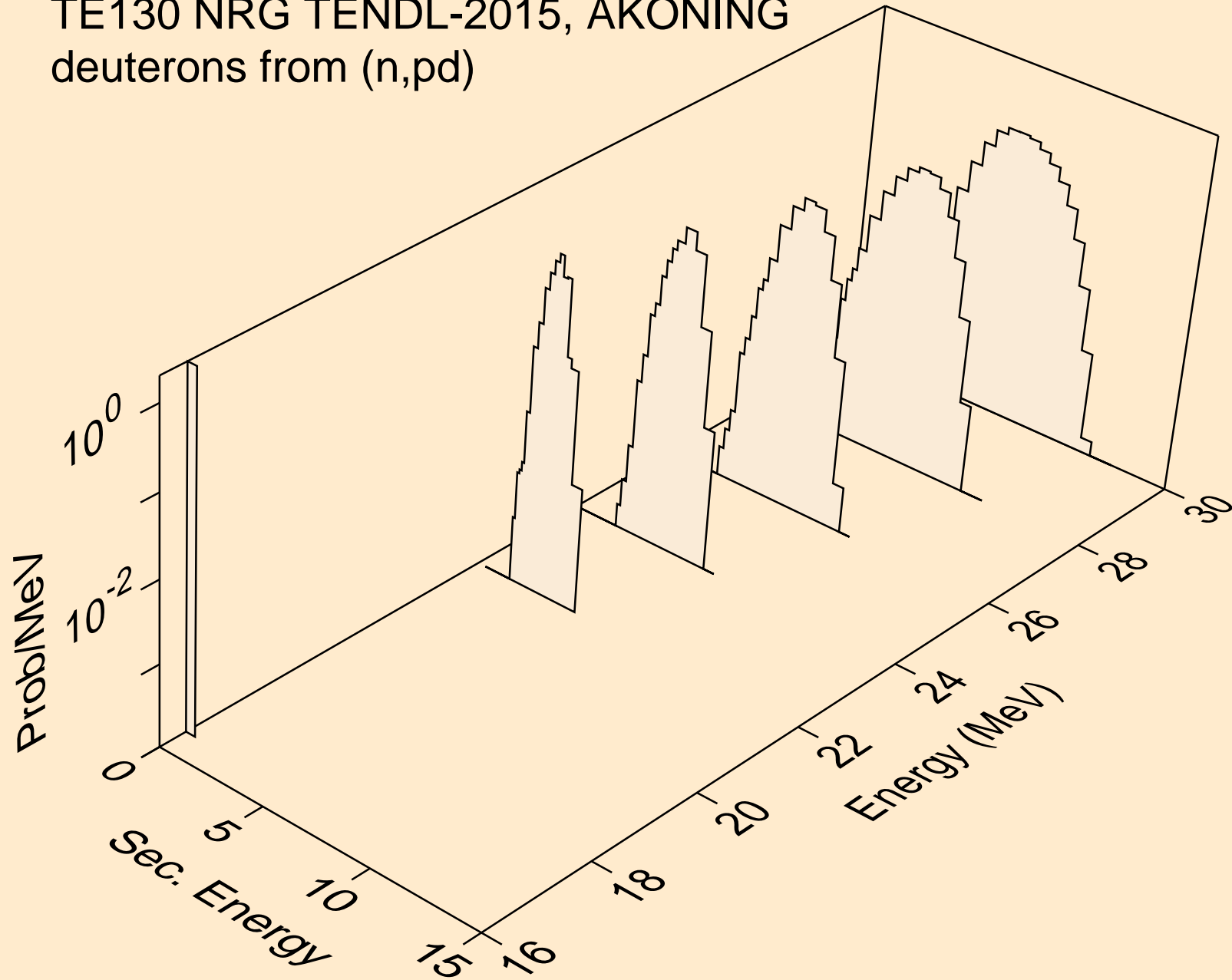
TE130 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



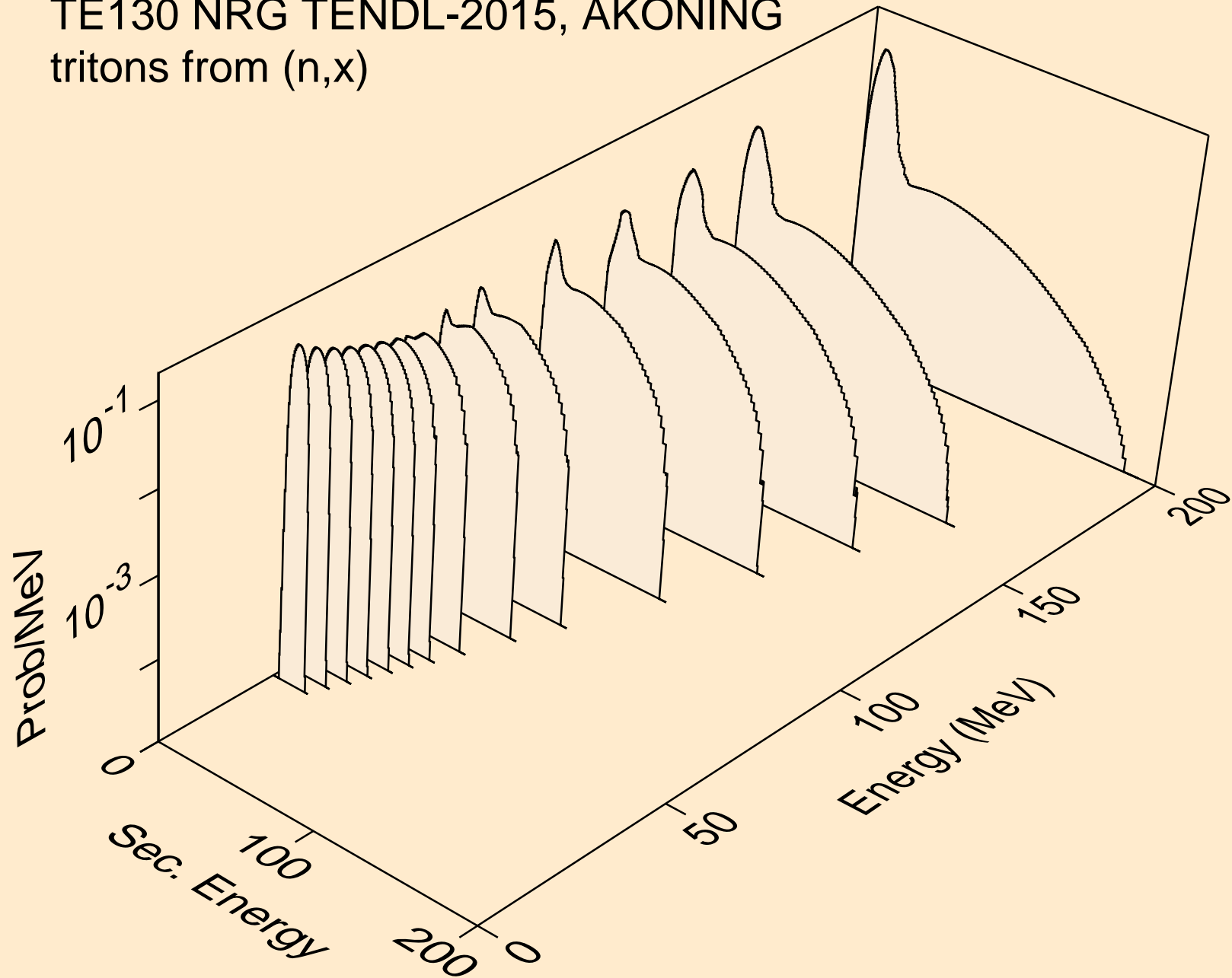
TE130 NRG TENDL-2015, AKONING  
deuterons from (n,d)



TE130 NRG TENDL-2015, AKONING  
deuterons from (n,pd)

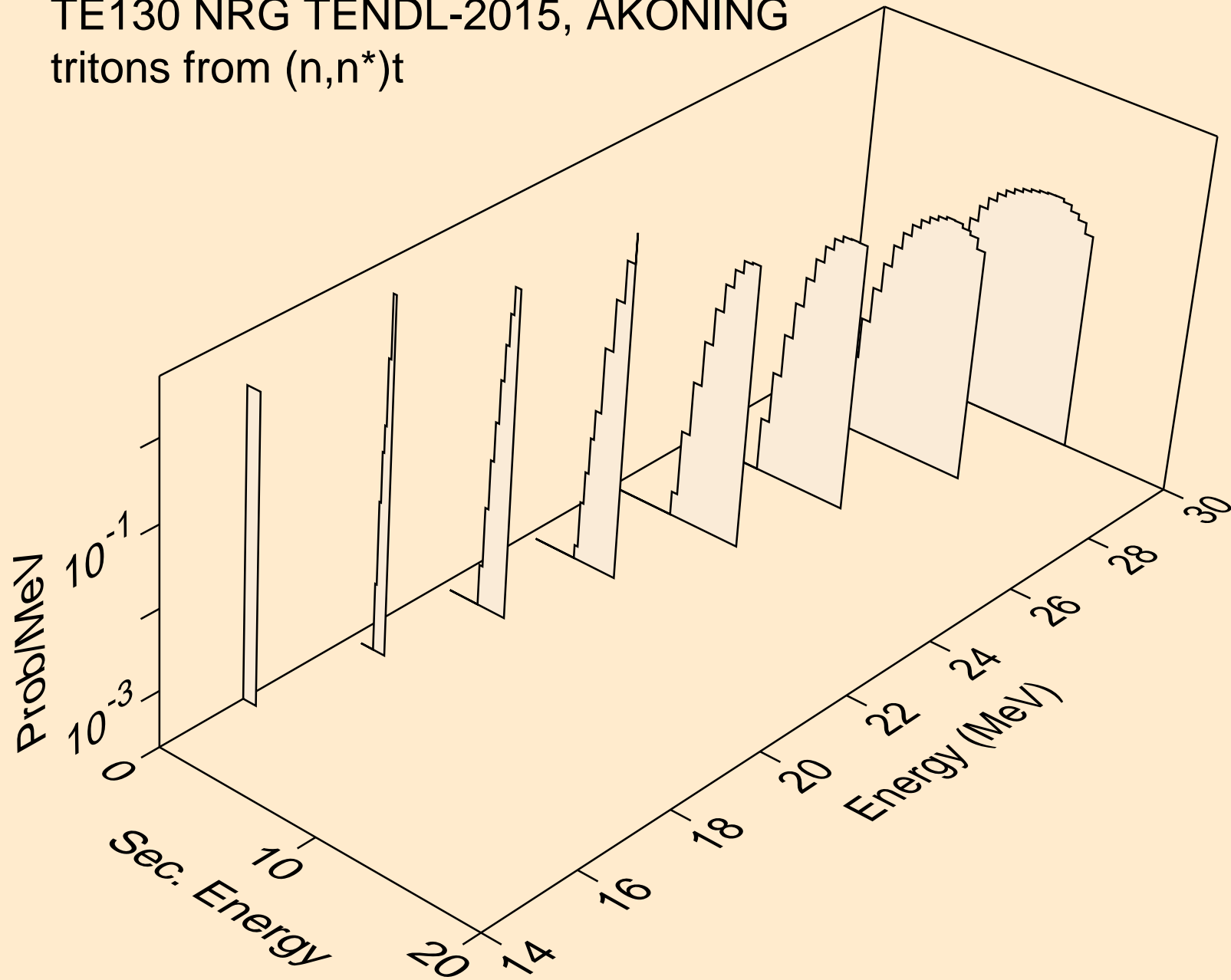


TE130 NRG TENDL-2015, AKONING  
tritons from (n,x)

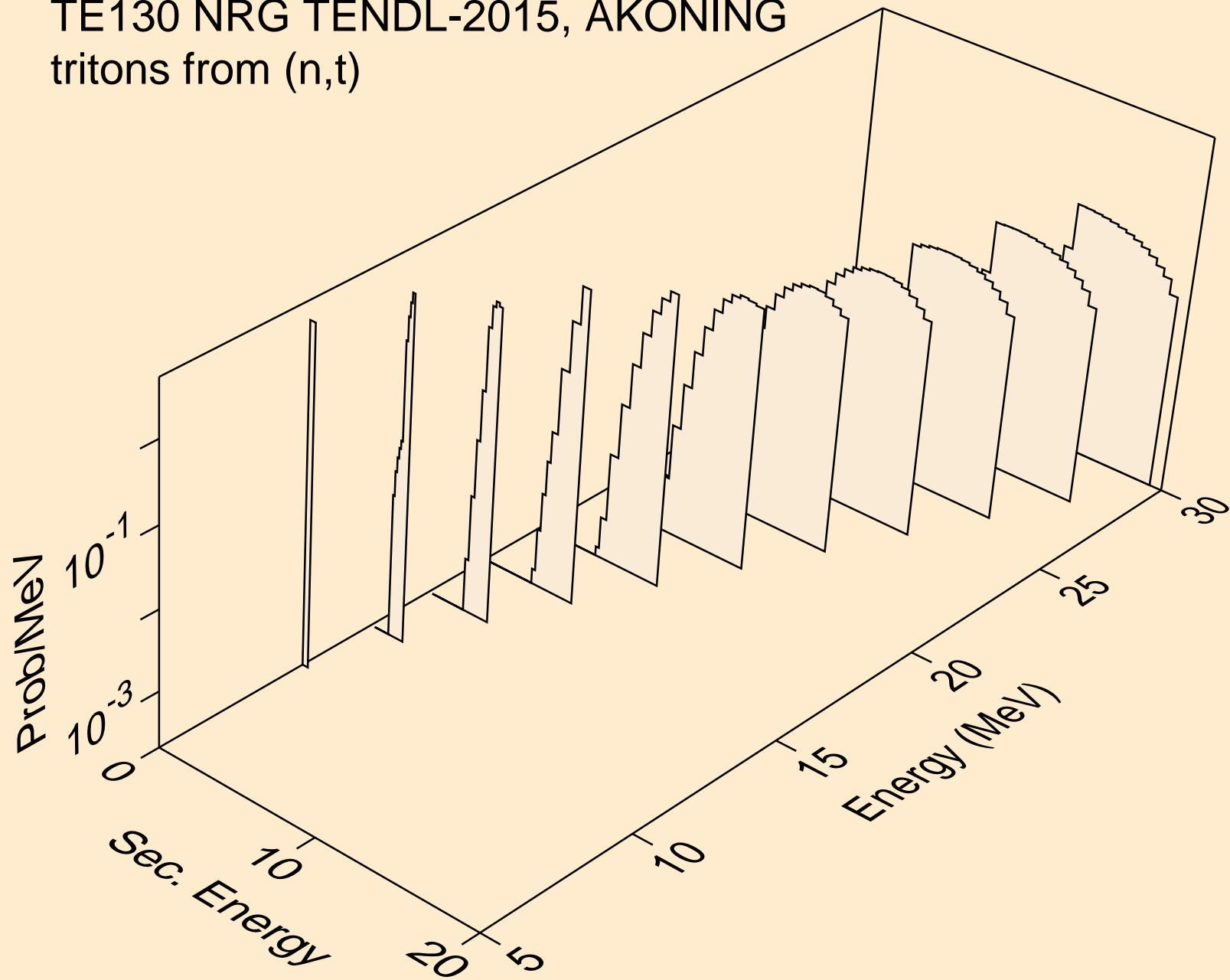




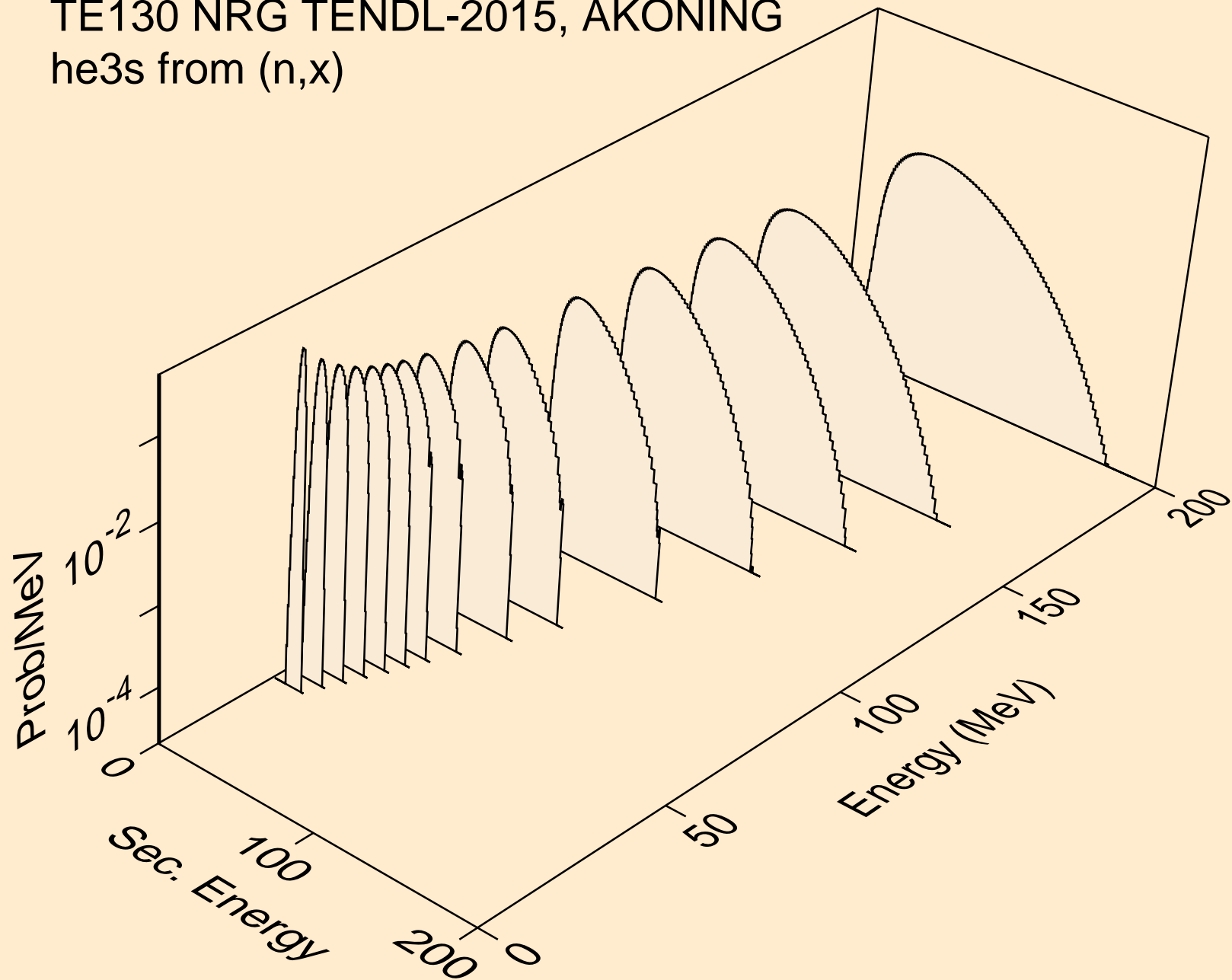
TE130 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



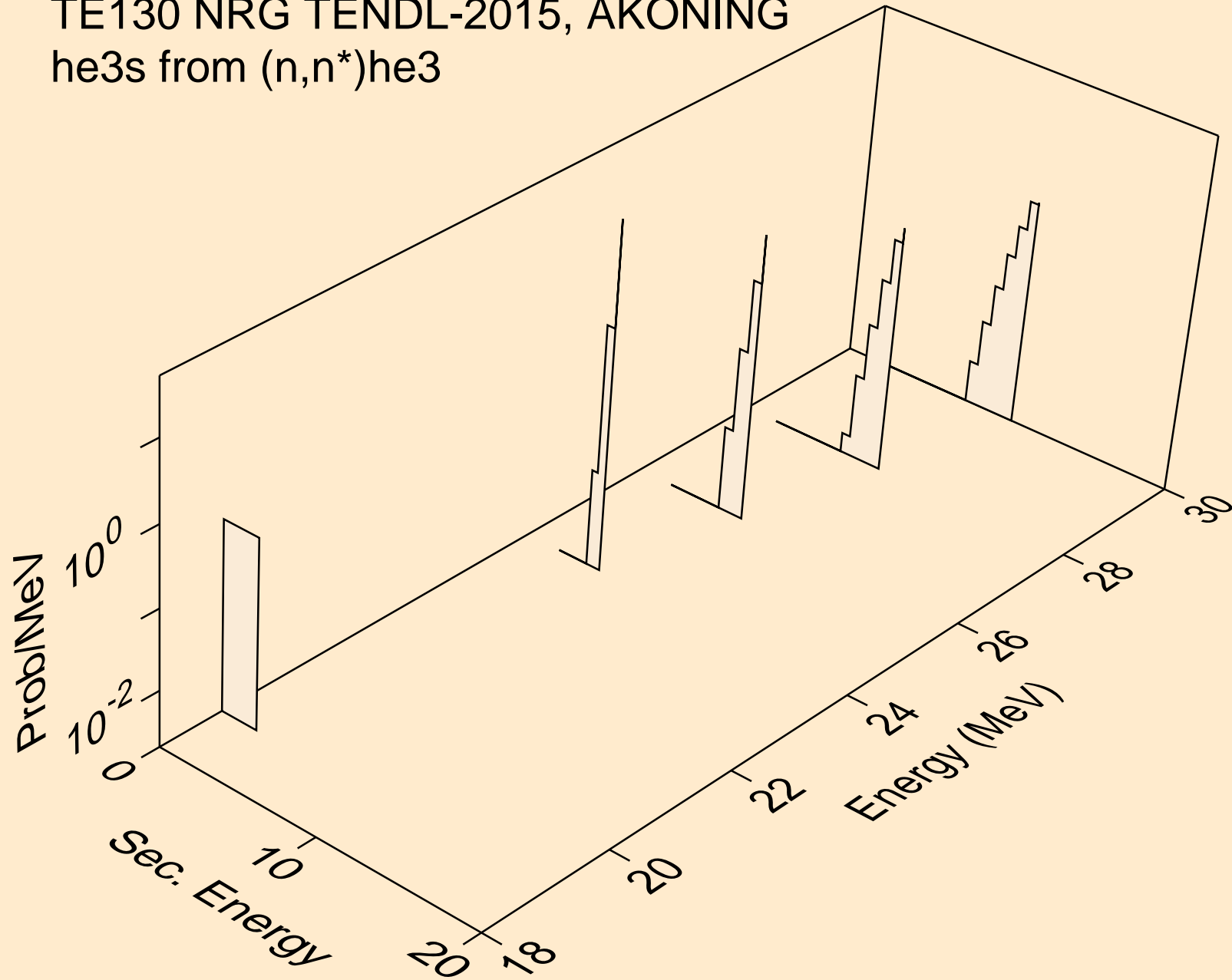
TE130 NRG TENDL-2015, AKONING  
tritons from (n,t)



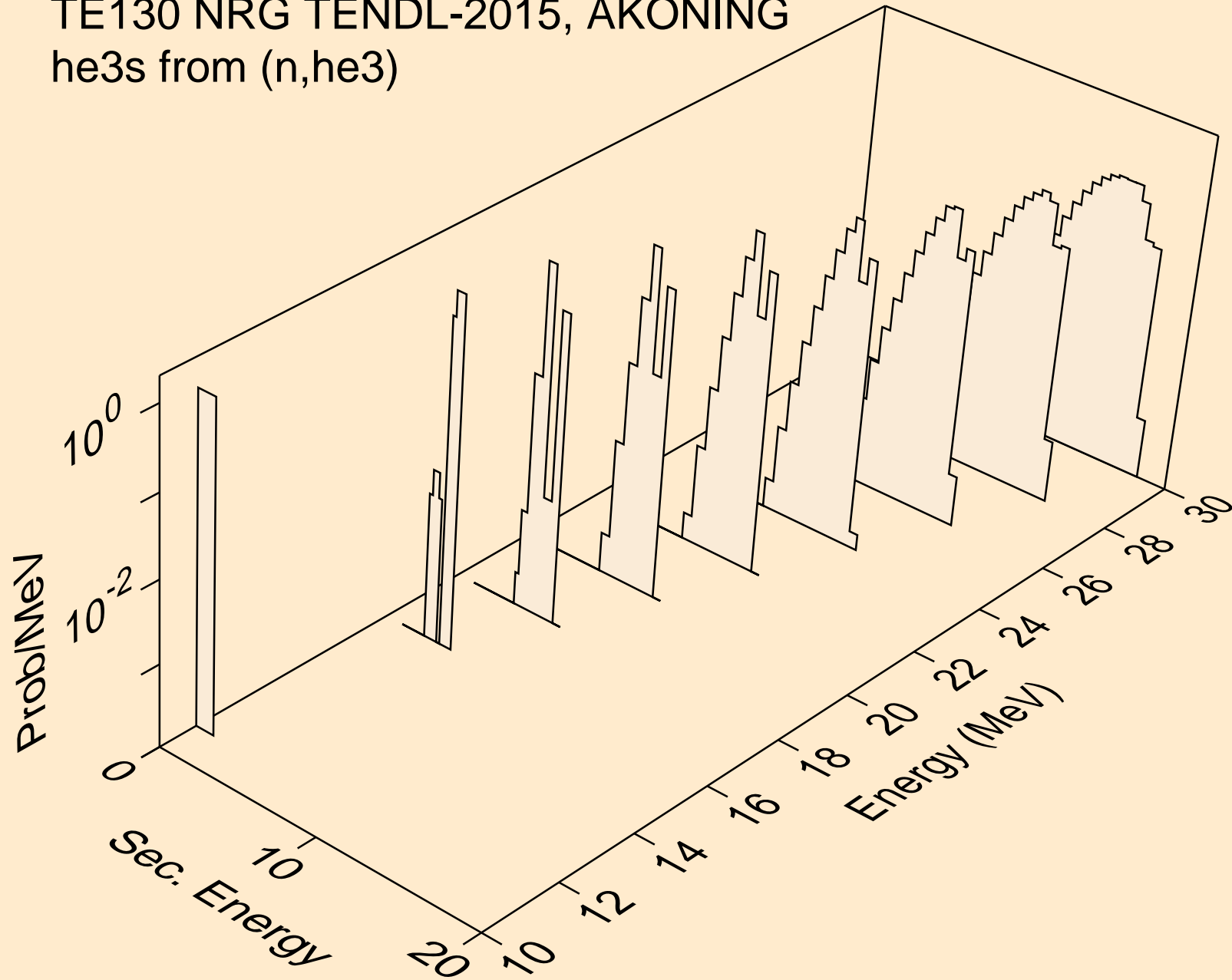
TE130 NRG TENDL-2015, AKONING  
he3s from (n,x)



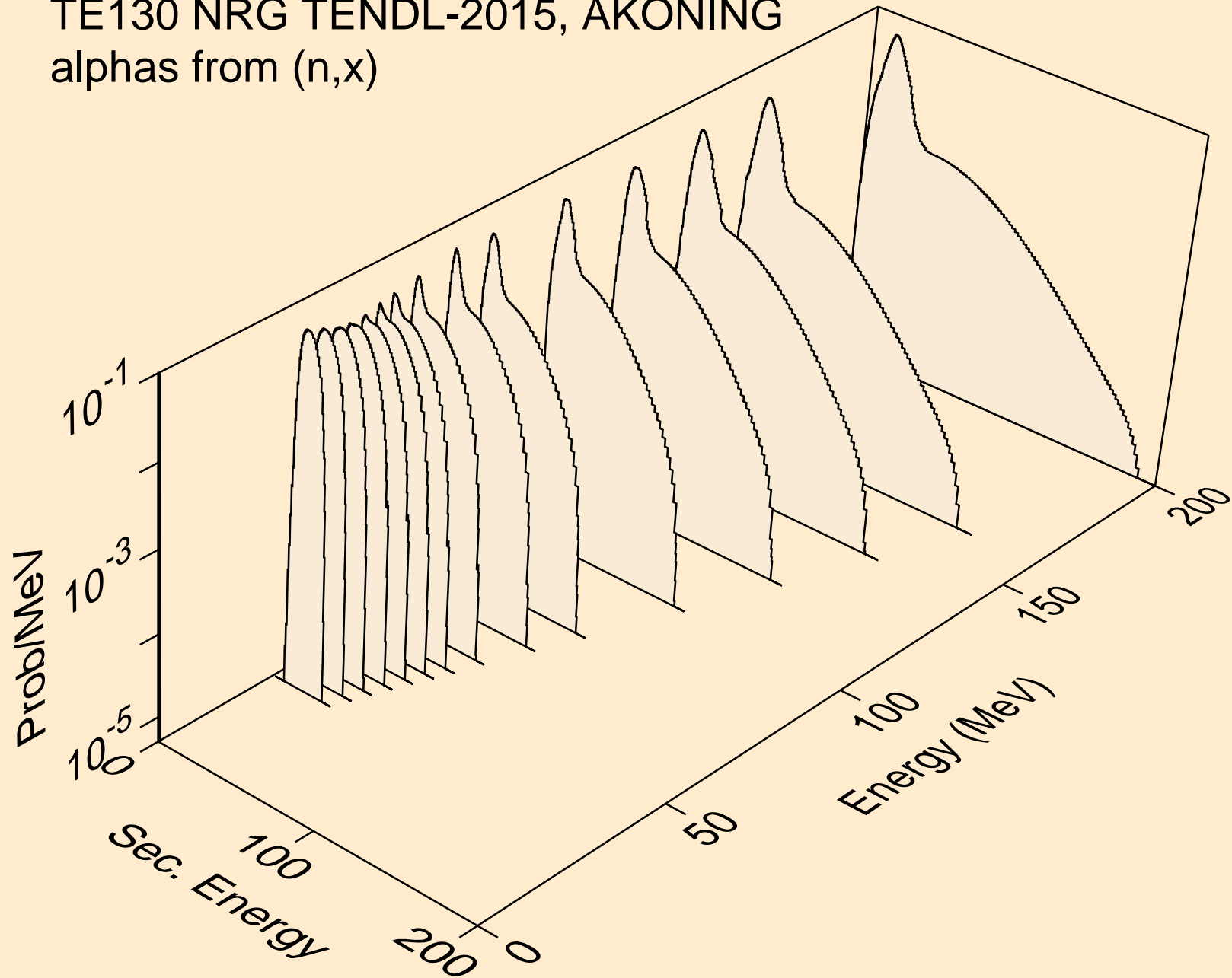
TE130 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



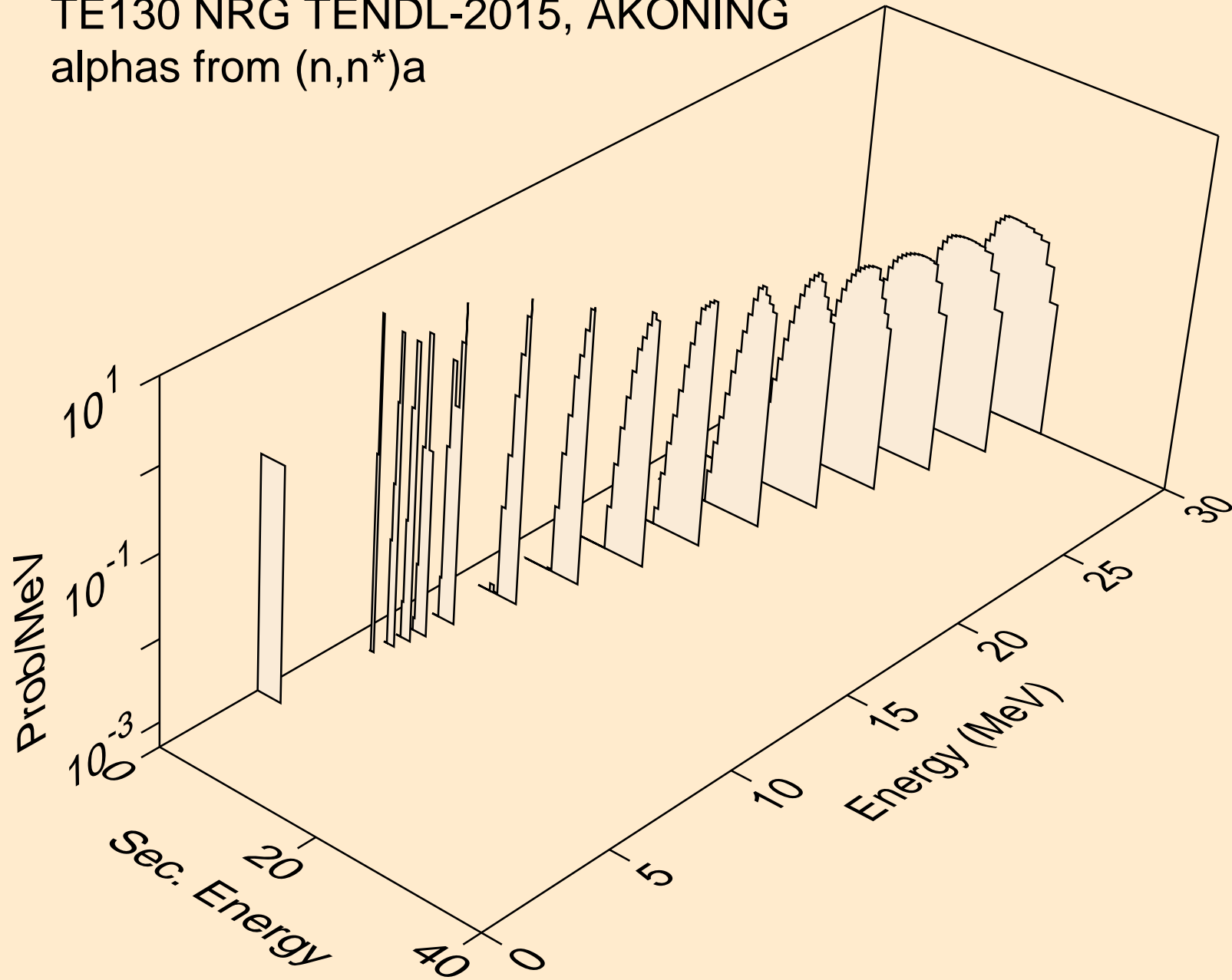
TE130 NRG TENDL-2015, AKONING  
he3s from (n,he3)



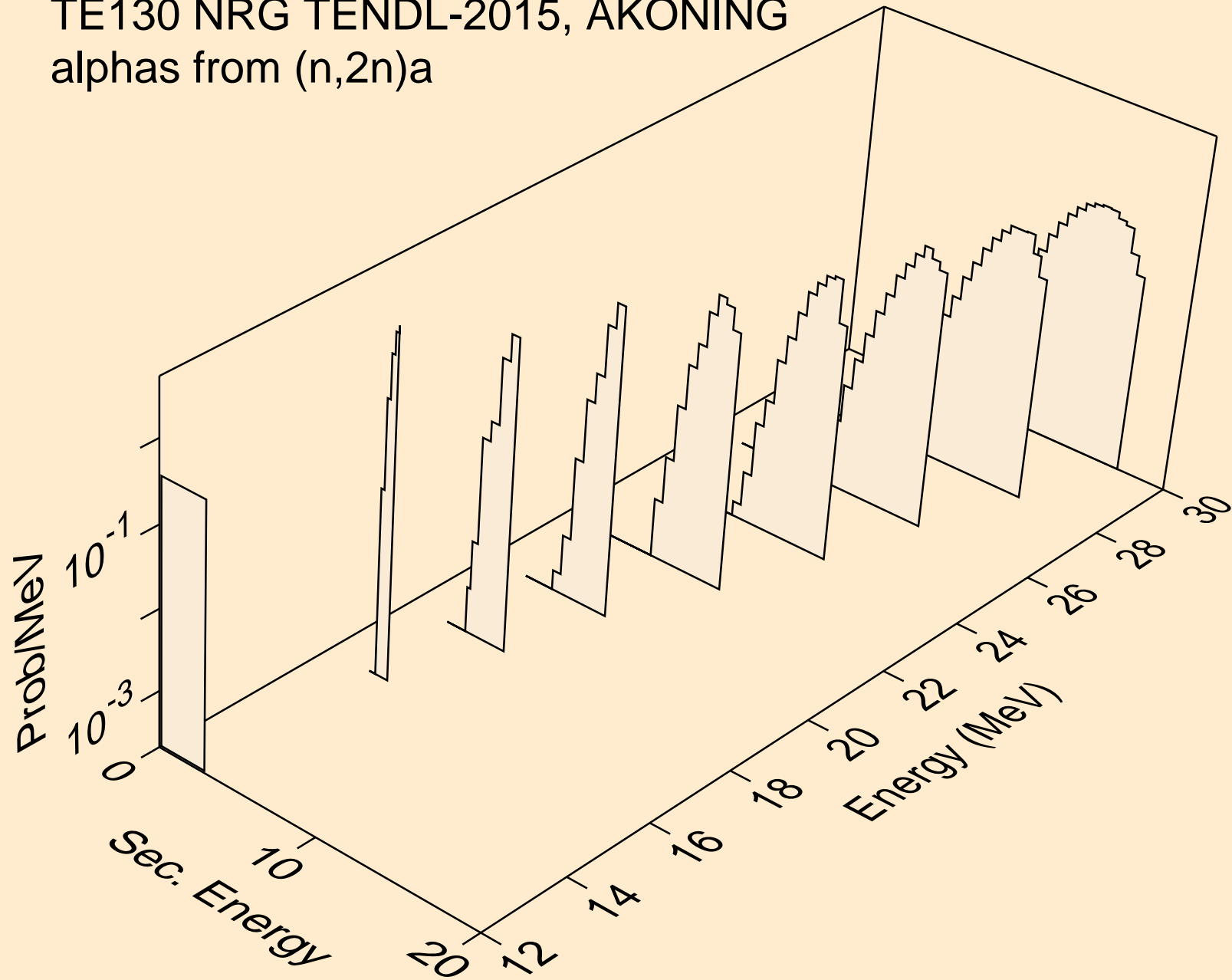
TE130 NRG TENDL-2015, AKONING  
alphas from (n,x)



TE130 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

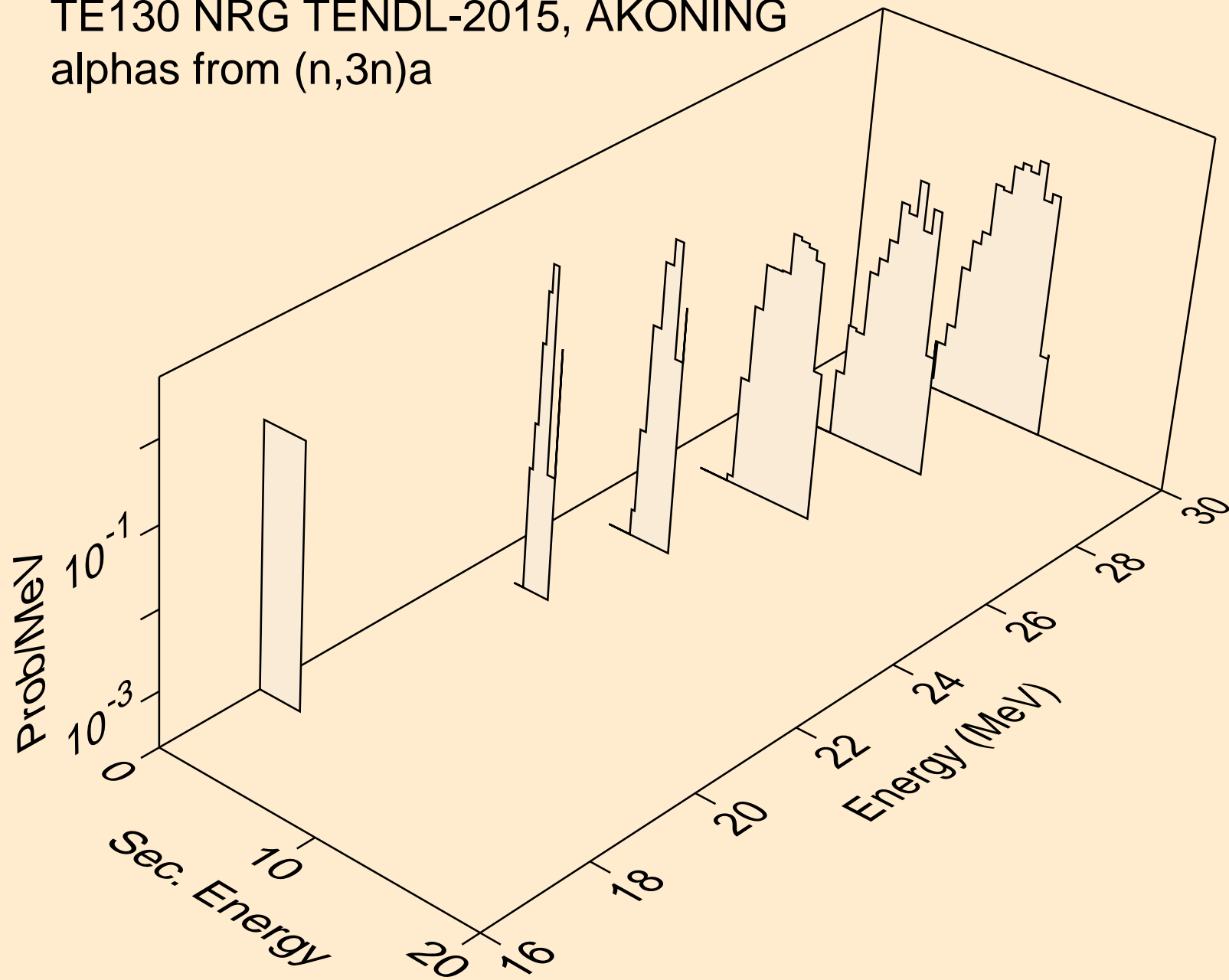


TE130 NRG TENDL-2015, AKONING  
alphas from (n,2n)a





TE130 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



TE130 NRG TENDL-2015, AKONING  
alphas from (n,a)

