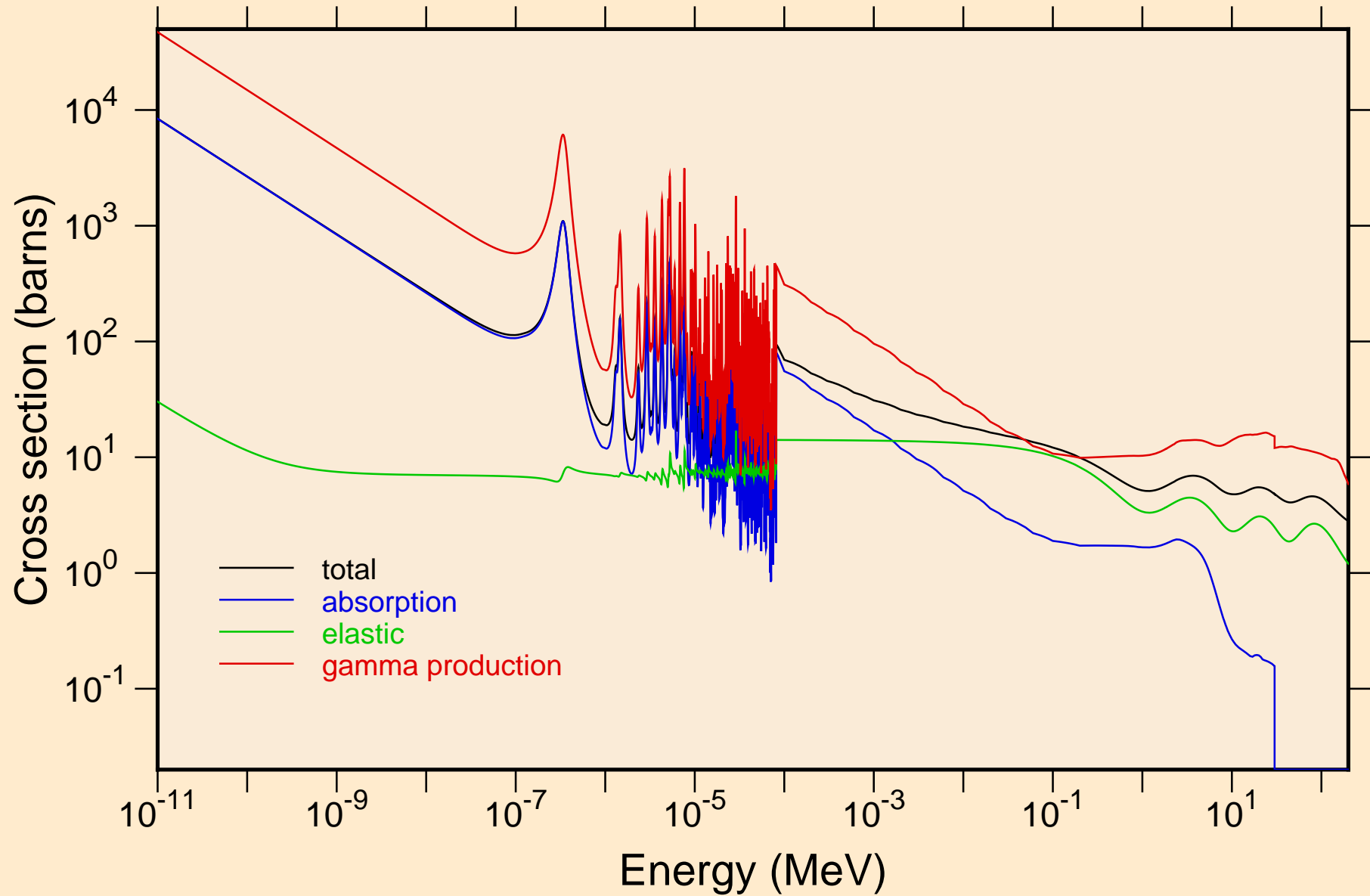
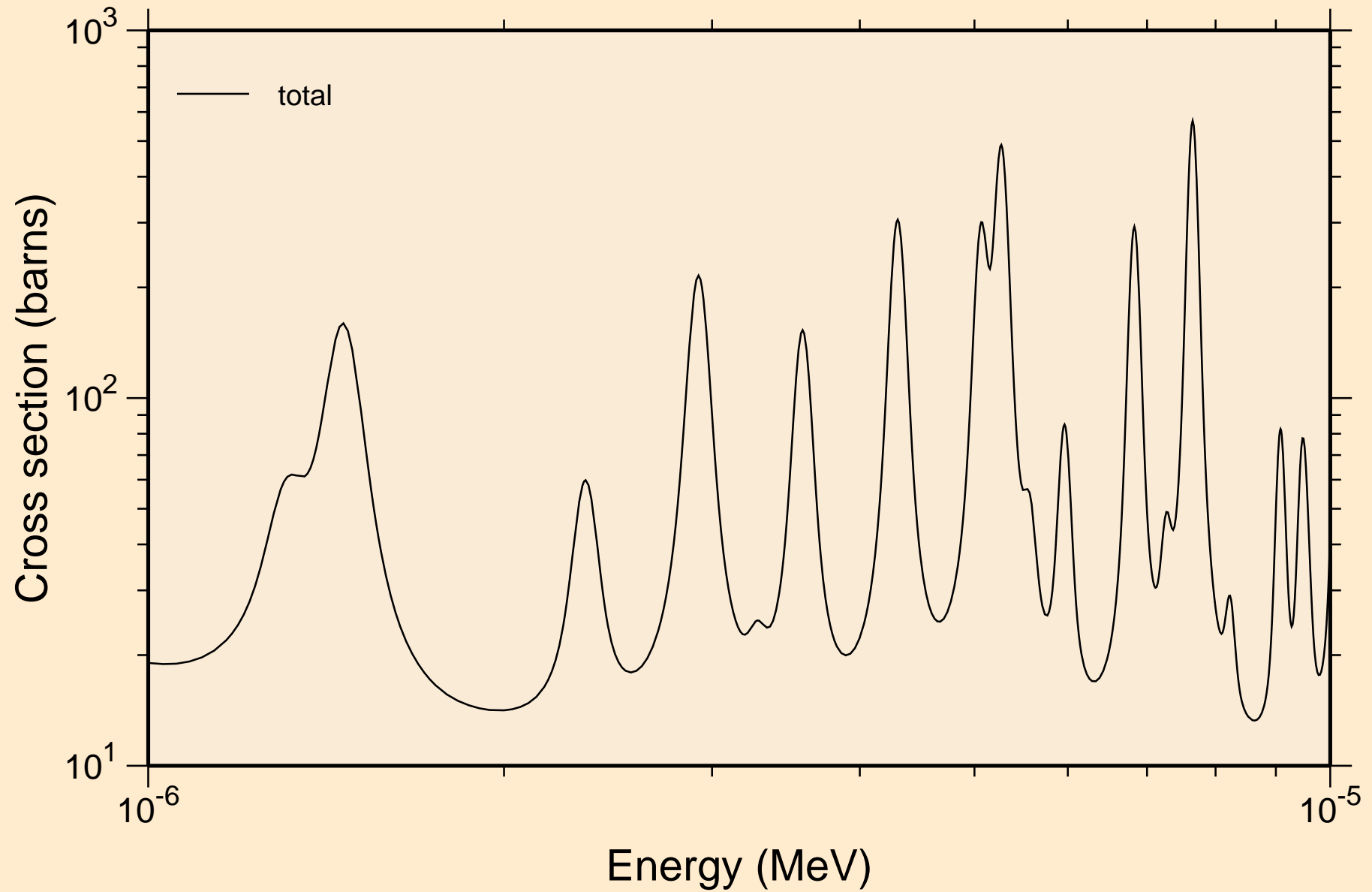


# TL187 NRG TENDL-2015, AKONING

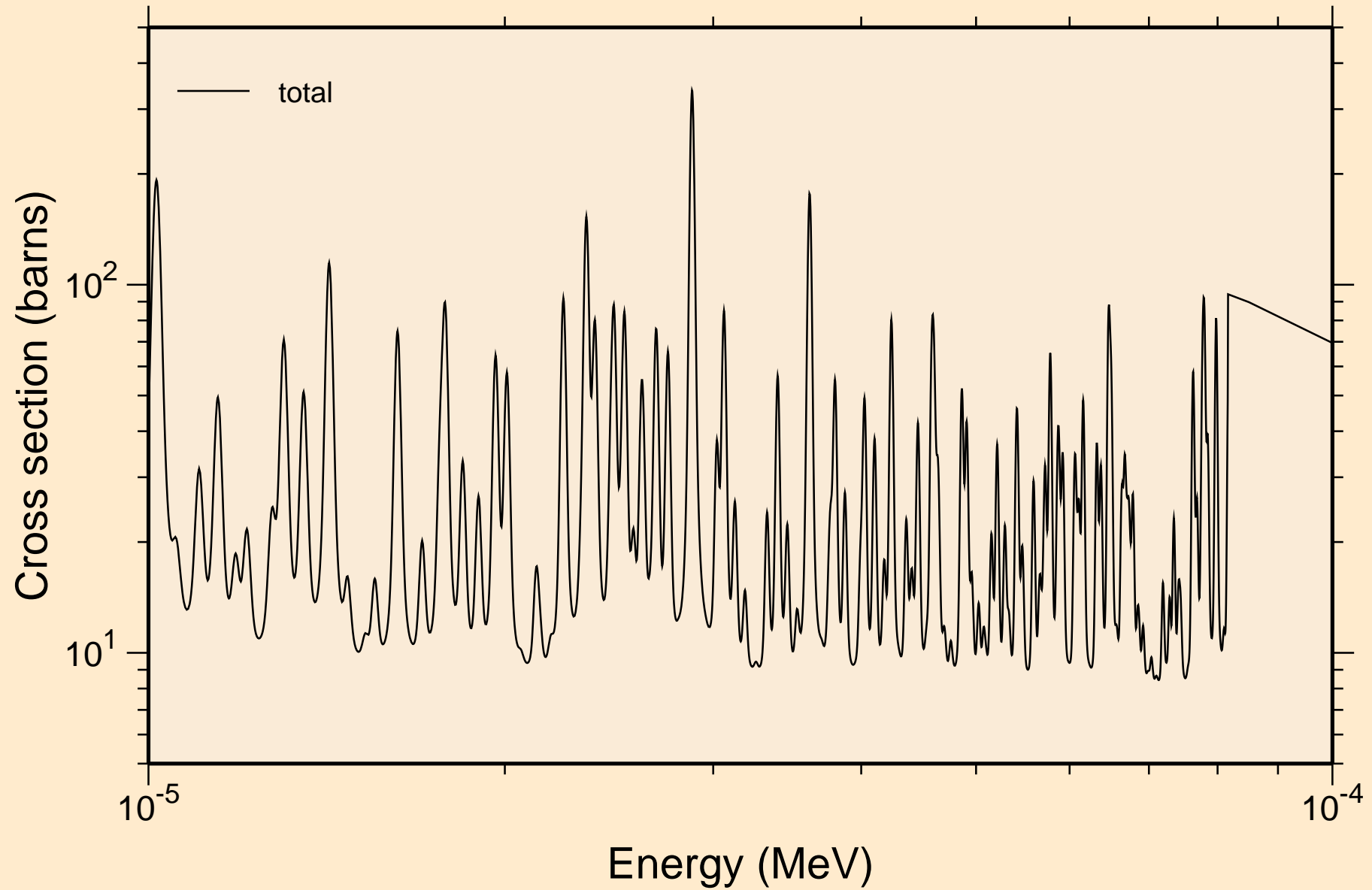
## Principal cross sections



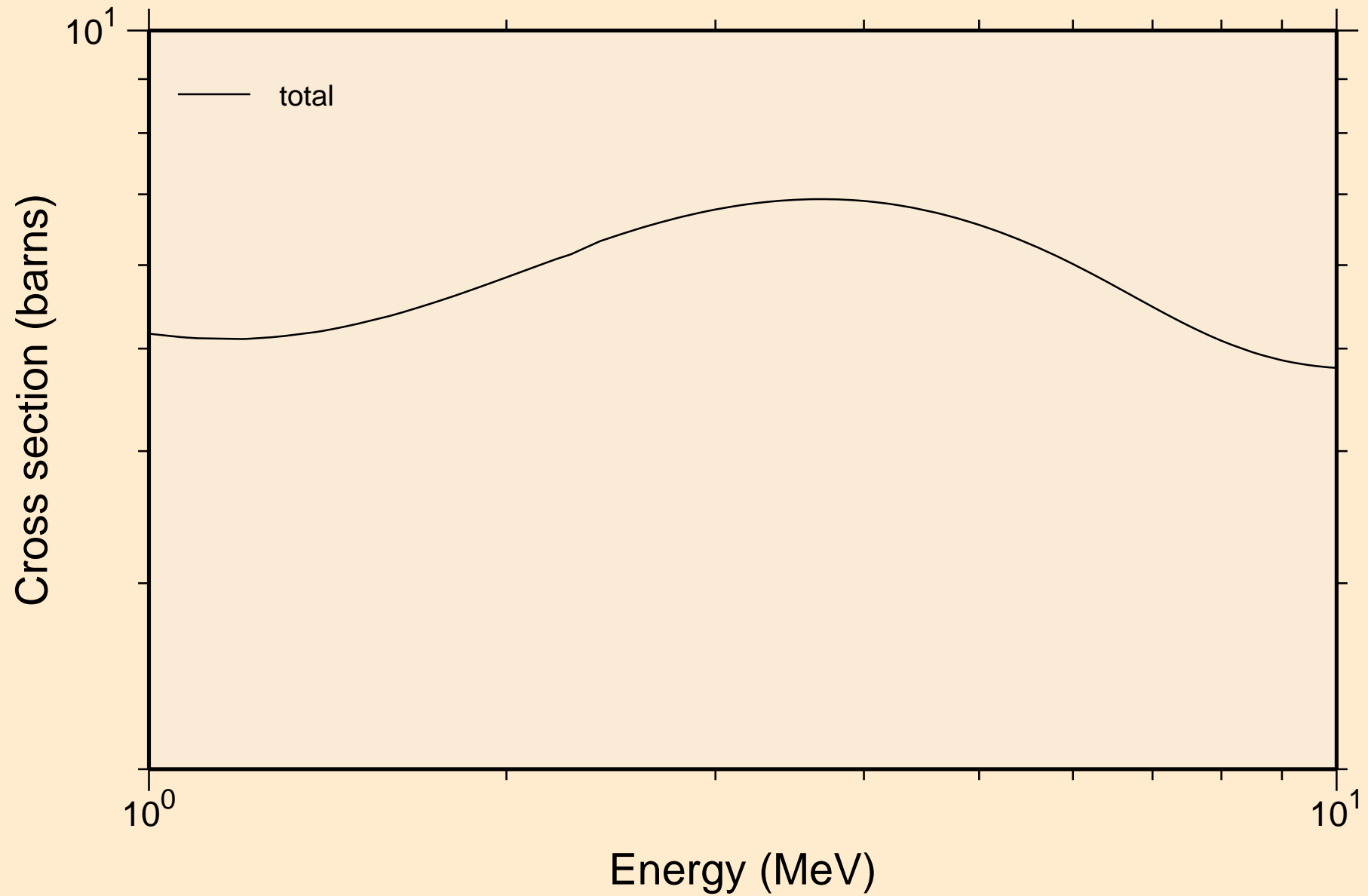
TL187 NRG TENDL-2015, AKONING  
resonance total cross section



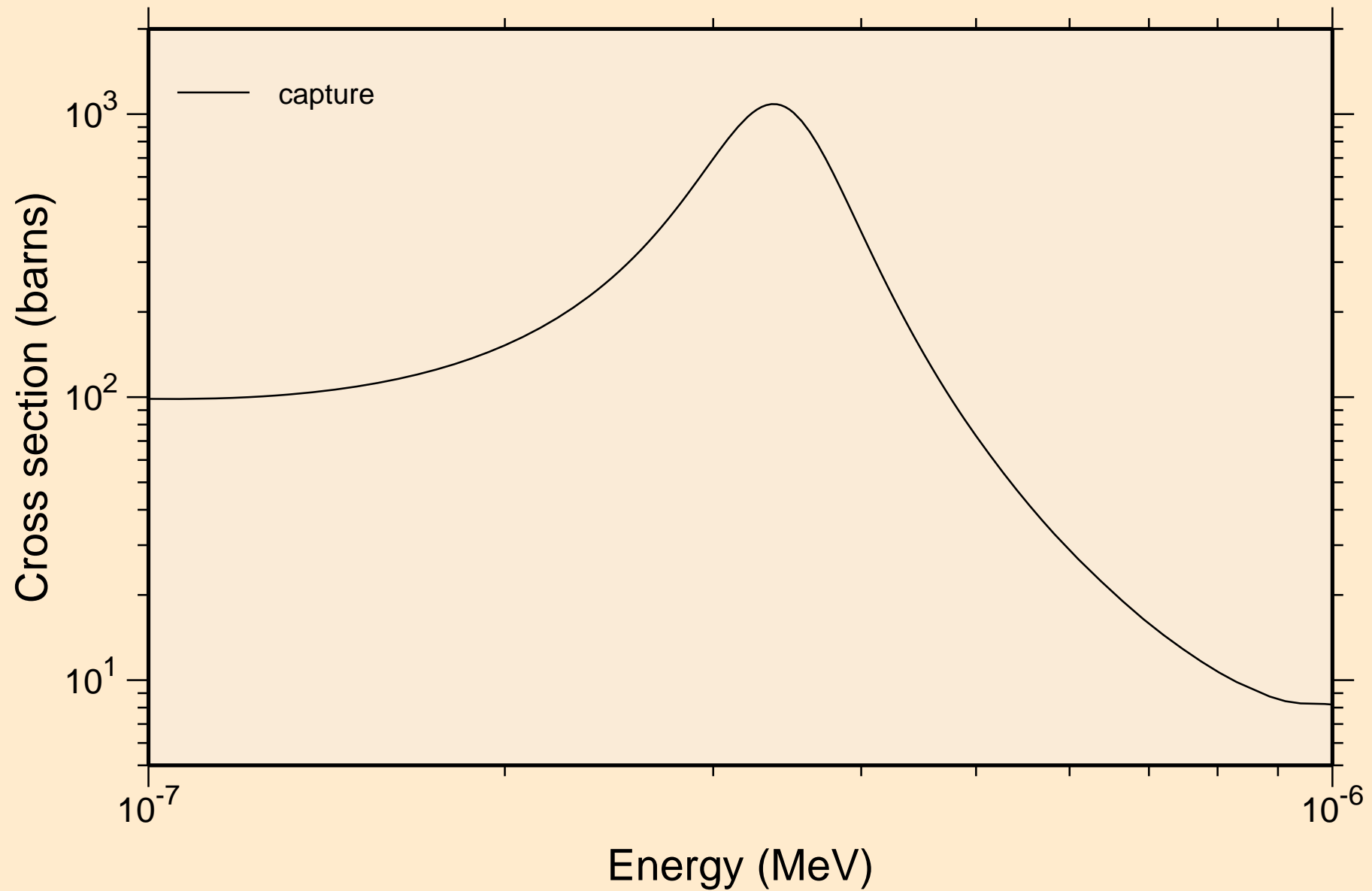
TL187 NRG TENDL-2015, AKONING  
resonance total cross section



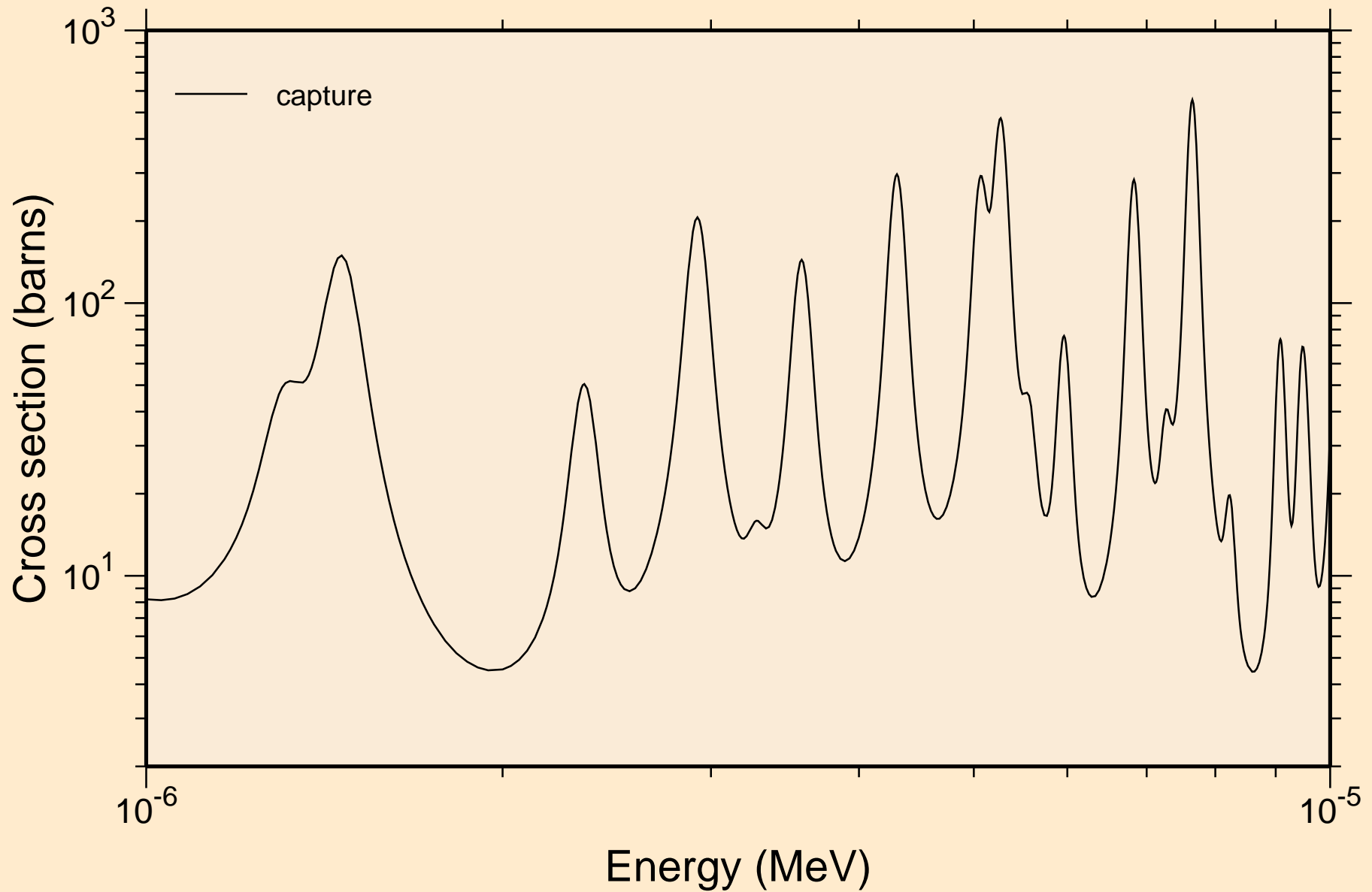
TL187 NRG TENDL-2015, AKONING  
resonance total cross section



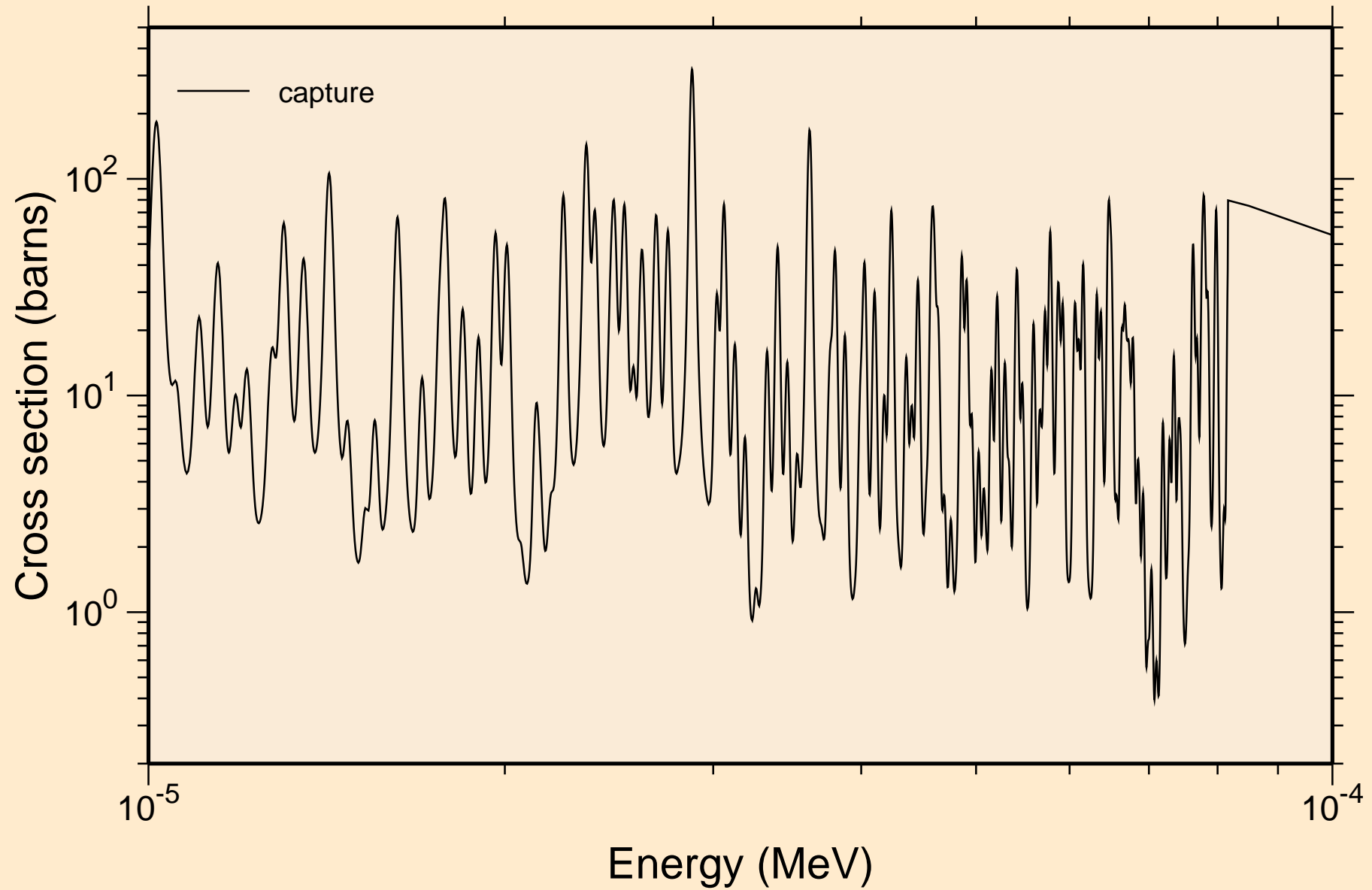
TL187 NRG TENDL-2015, AKONING  
resonance absorption cross sections



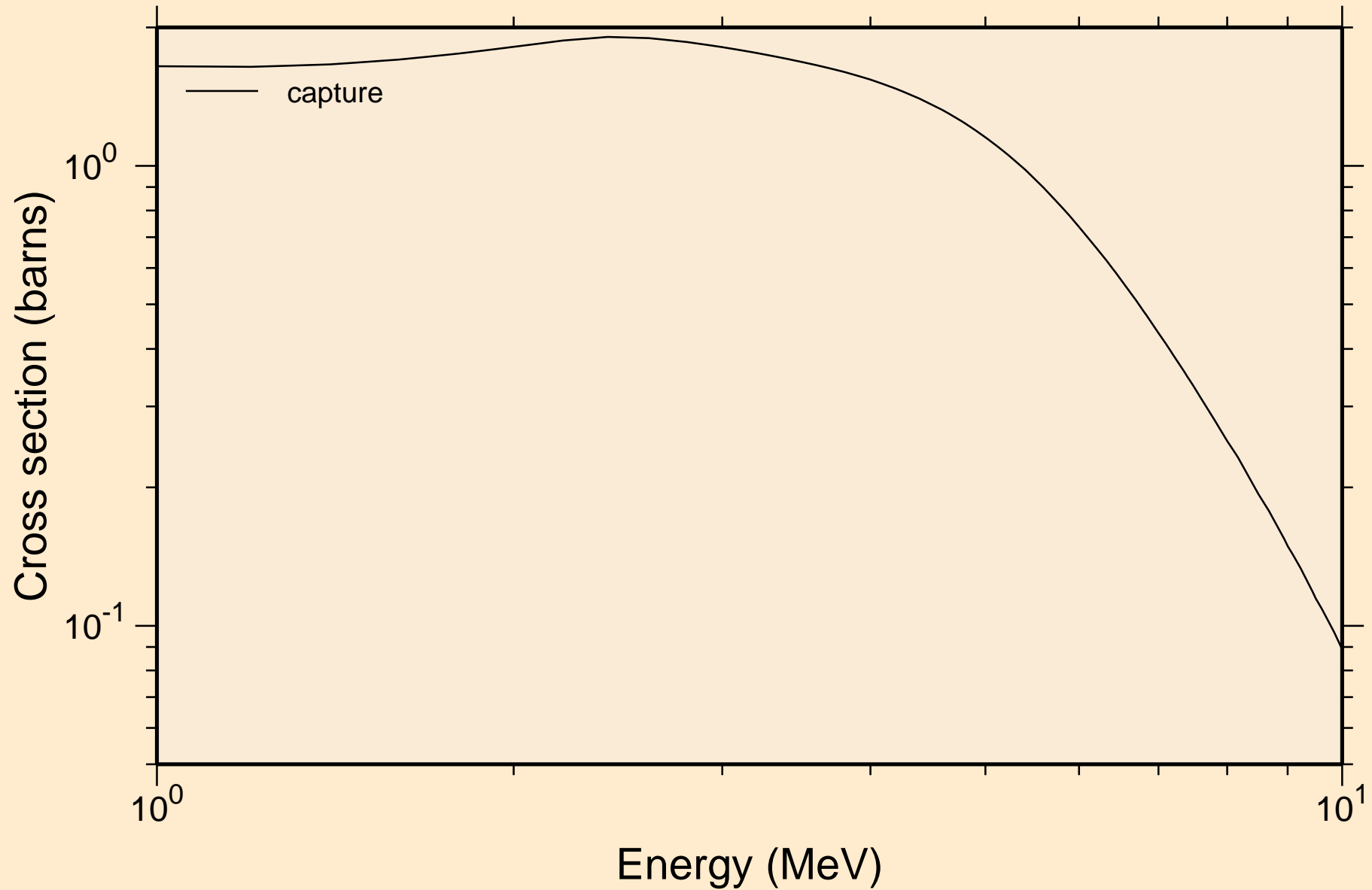
TL187 NRG TENDL-2015, AKONING  
resonance absorption cross sections



TL187 NRG TENDL-2015, AKONING  
resonance absorption cross sections



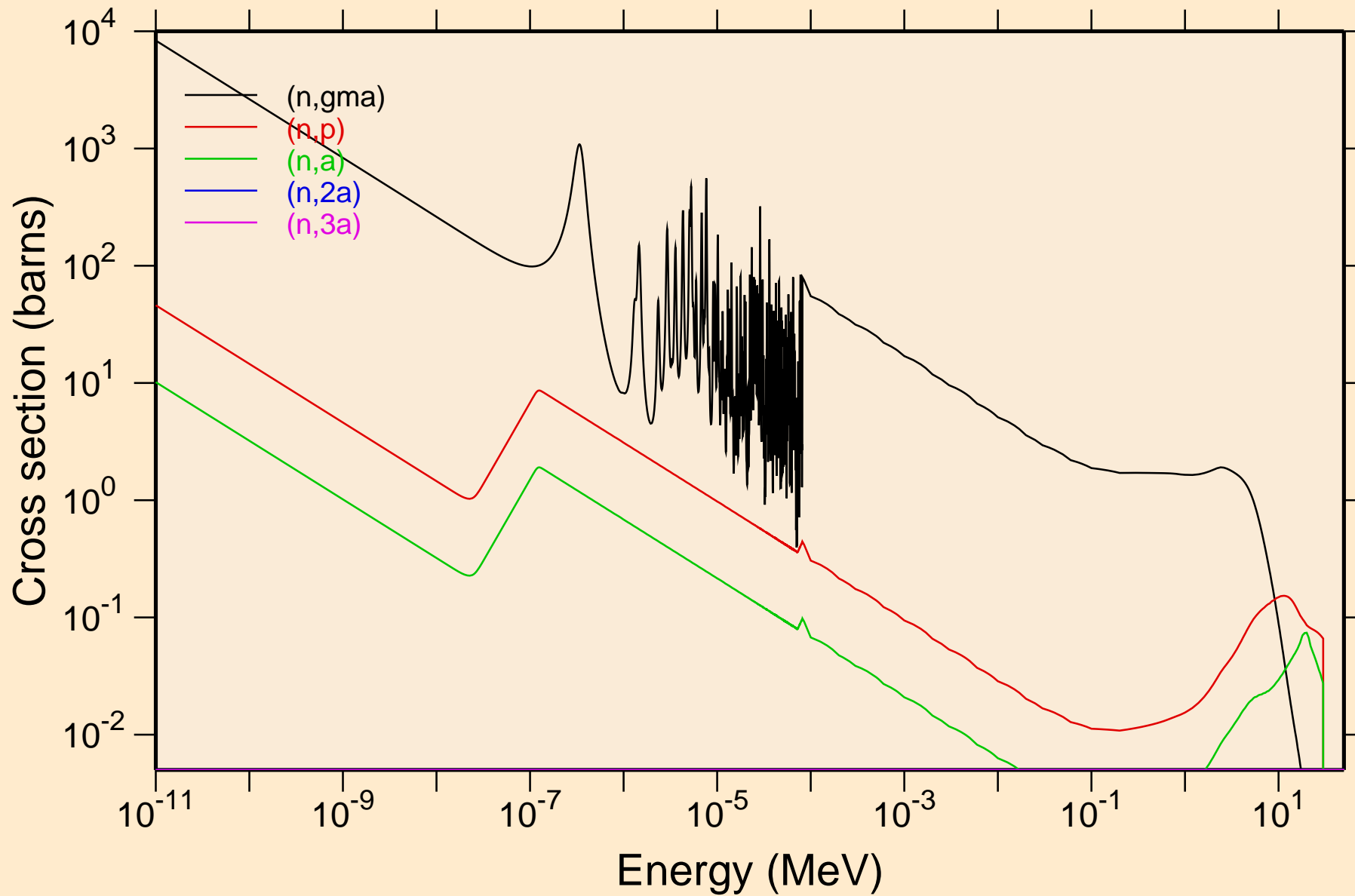
TL187 NRG TENDL-2015, AKONING  
resonance absorption cross sections



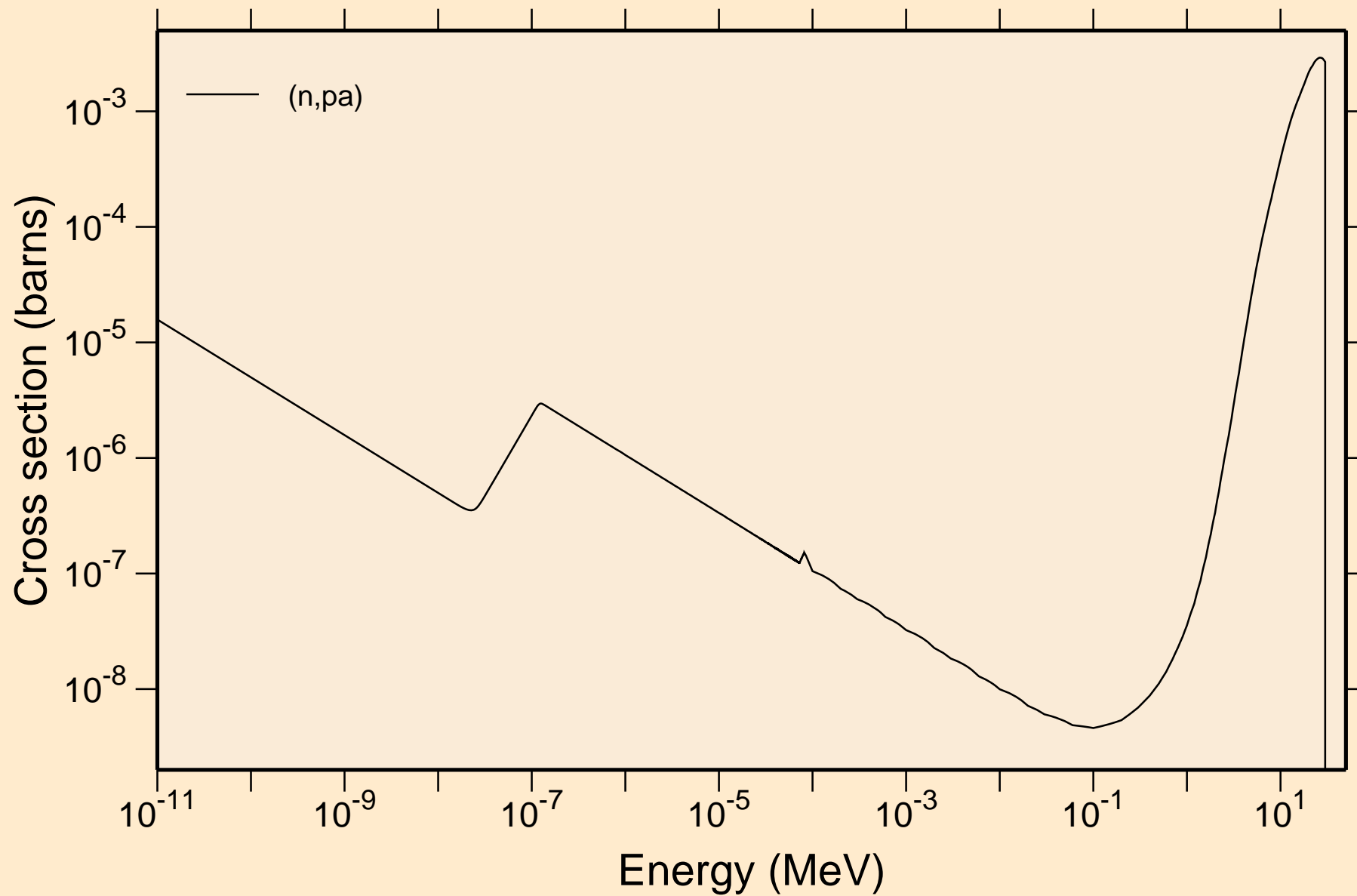


# TL187 NRG TENDL-2015, AKONING

## Non-threshold reactions

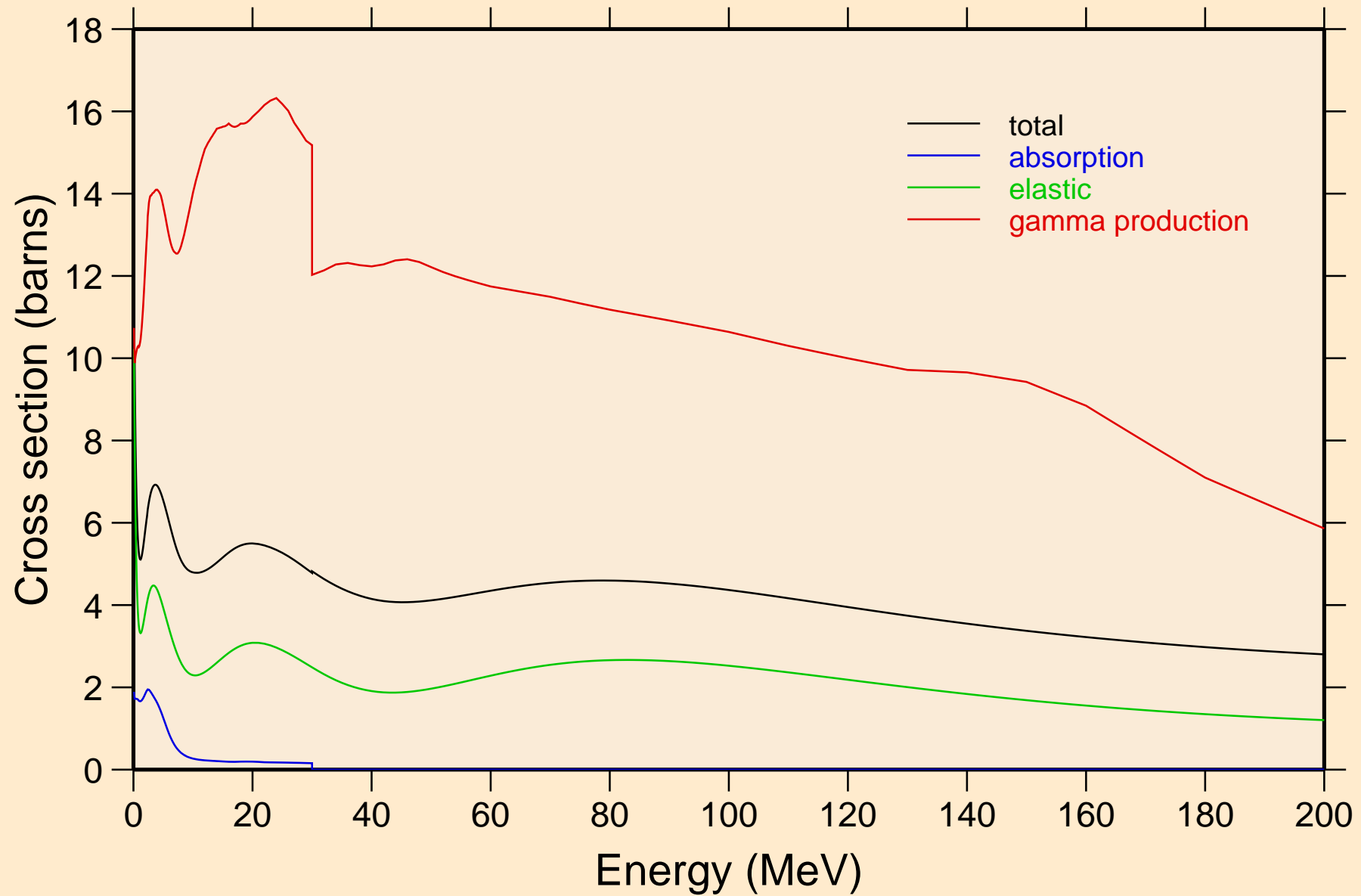


TL187 NRG TENDL-2015, AKONING  
Non-threshold reactions



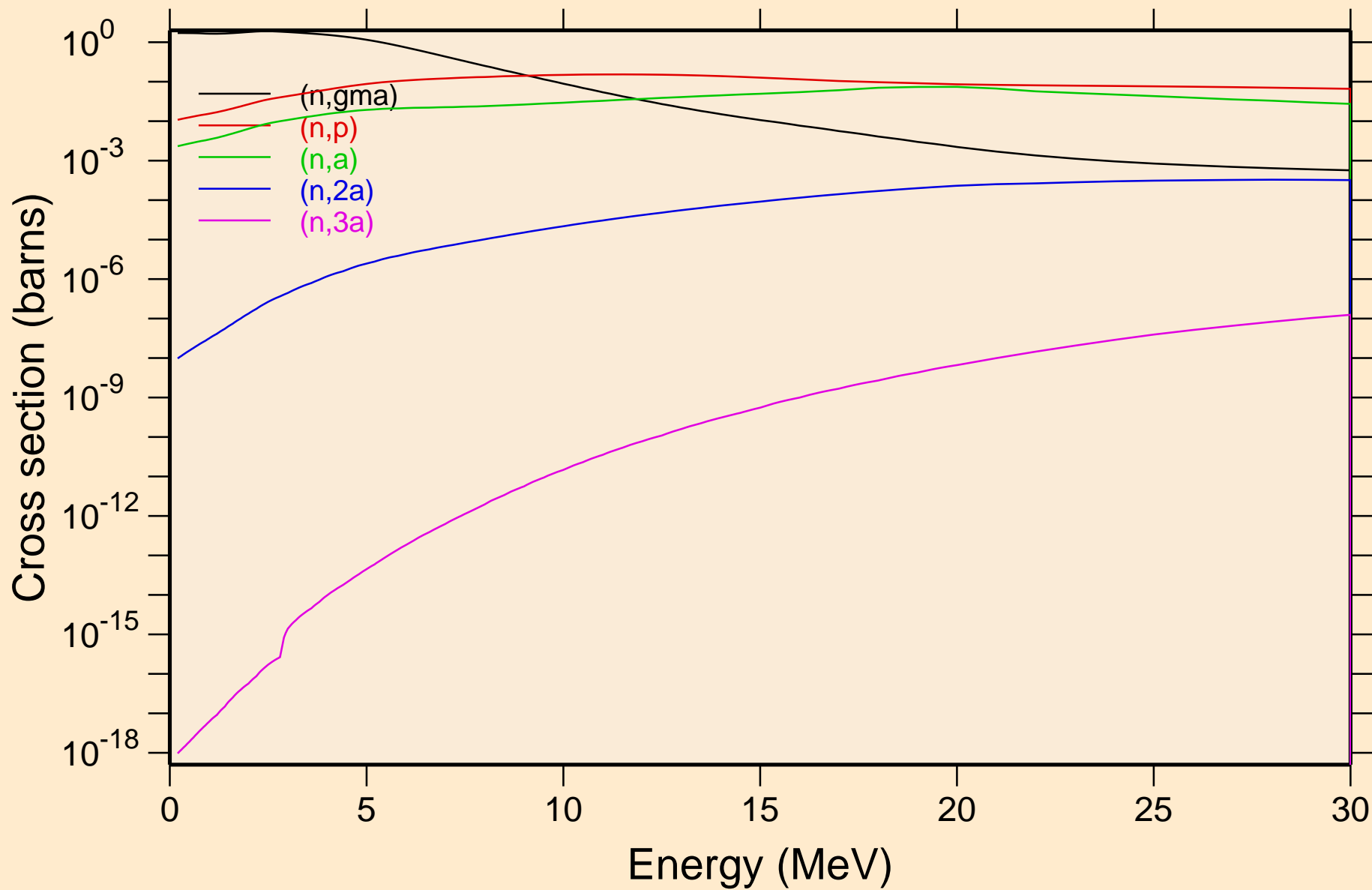
# TL187 NRG TENDL-2015, AKONING

## Principal cross sections

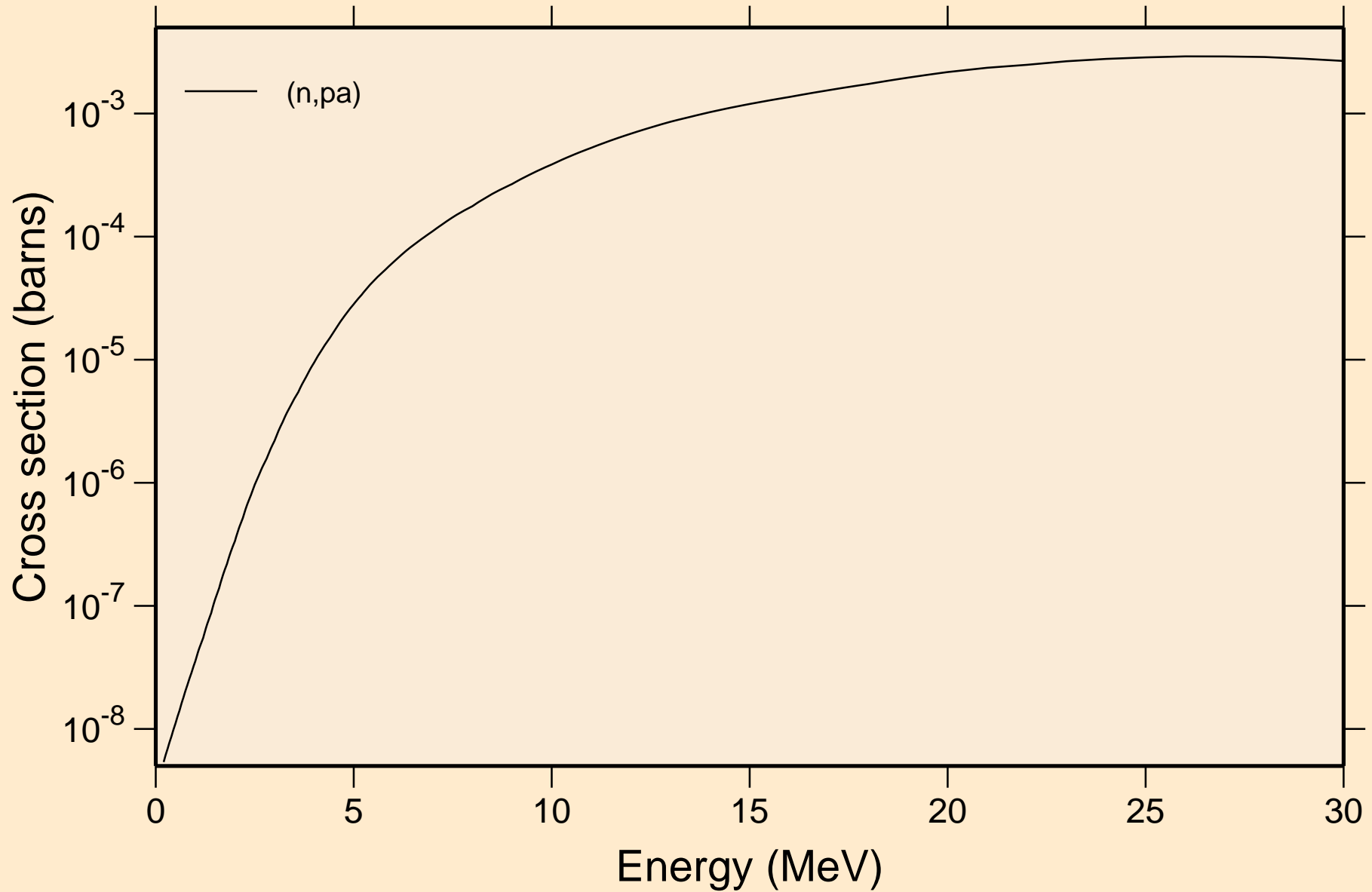


# TL187 NRG TENDL-2015, AKONING

## Non-threshold reactions

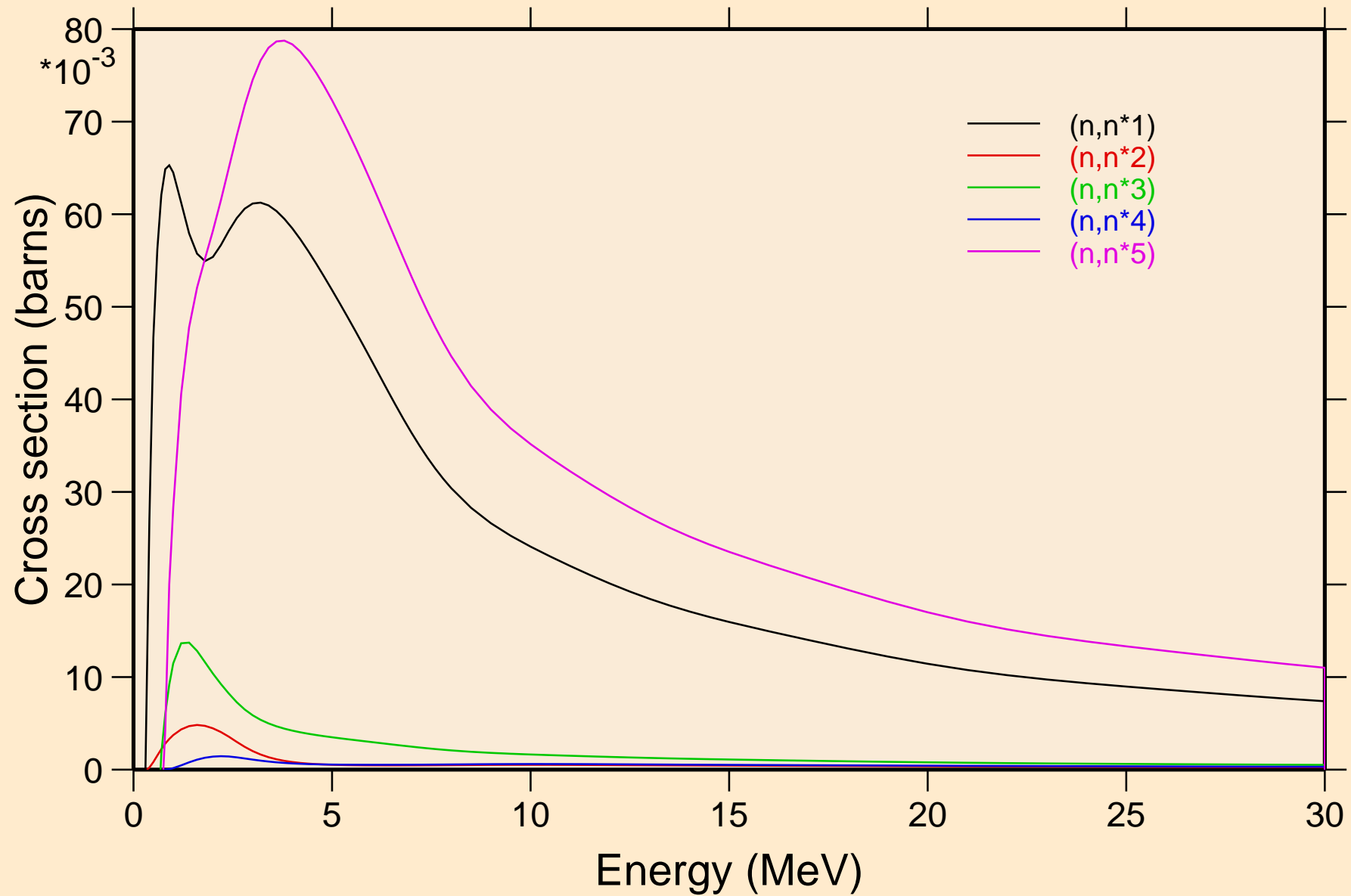


TL187 NRG TENDL-2015, AKONING  
Non-threshold reactions

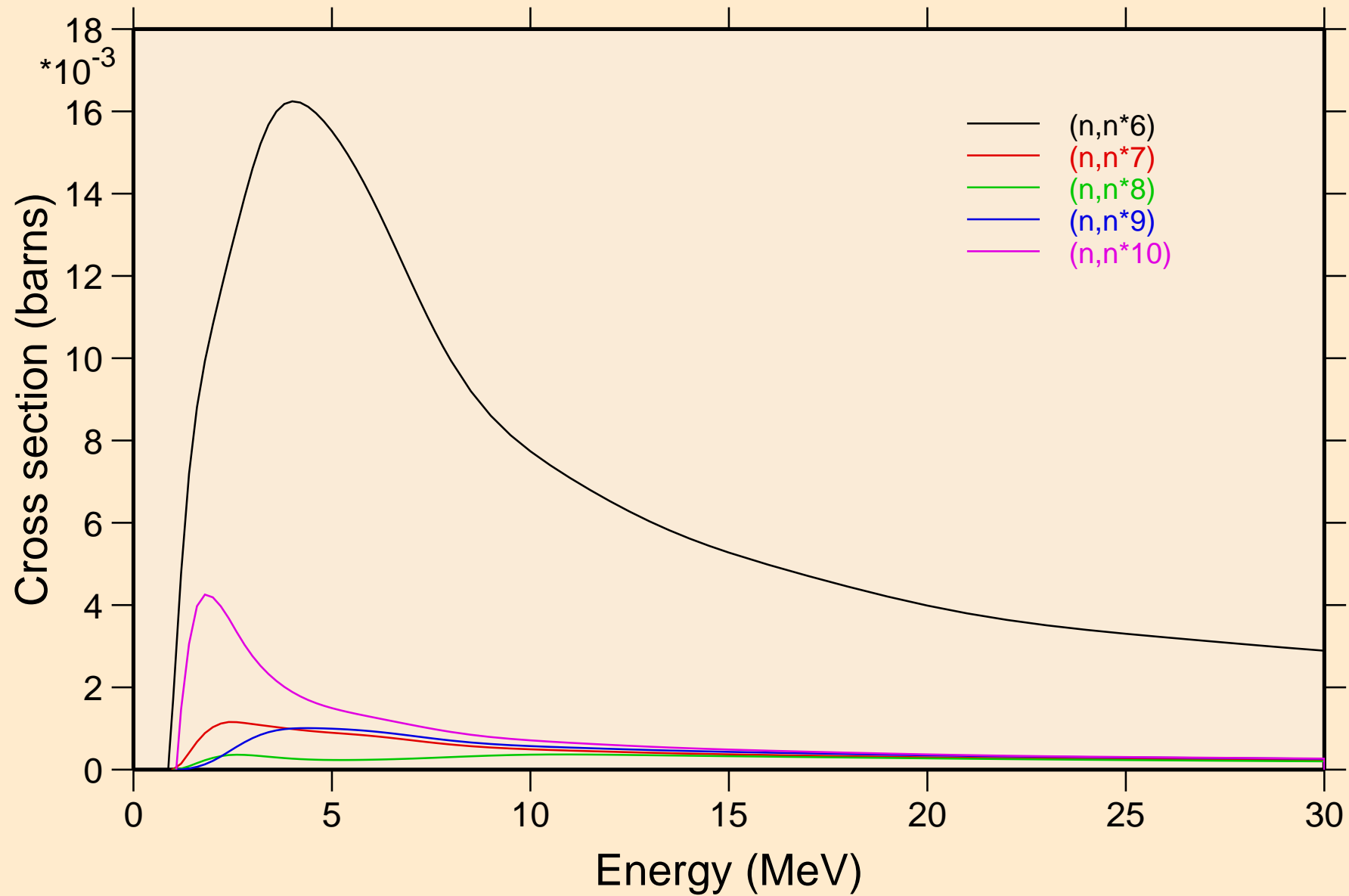


# TL187 NRG TENDL-2015, AKONING

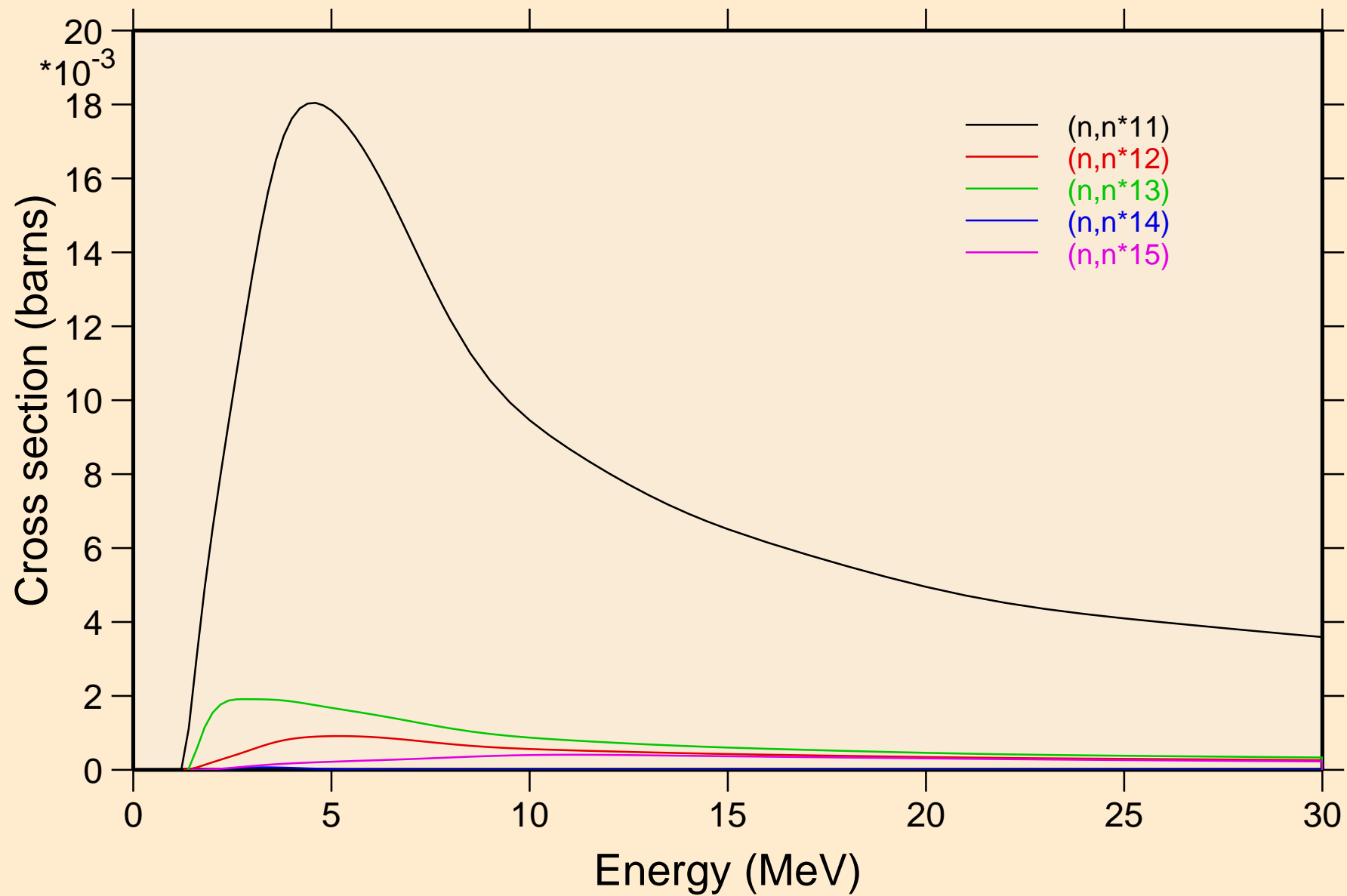
## Inelastic levels



TL187 NRG TENDL-2015, AKONING  
Inelastic levels



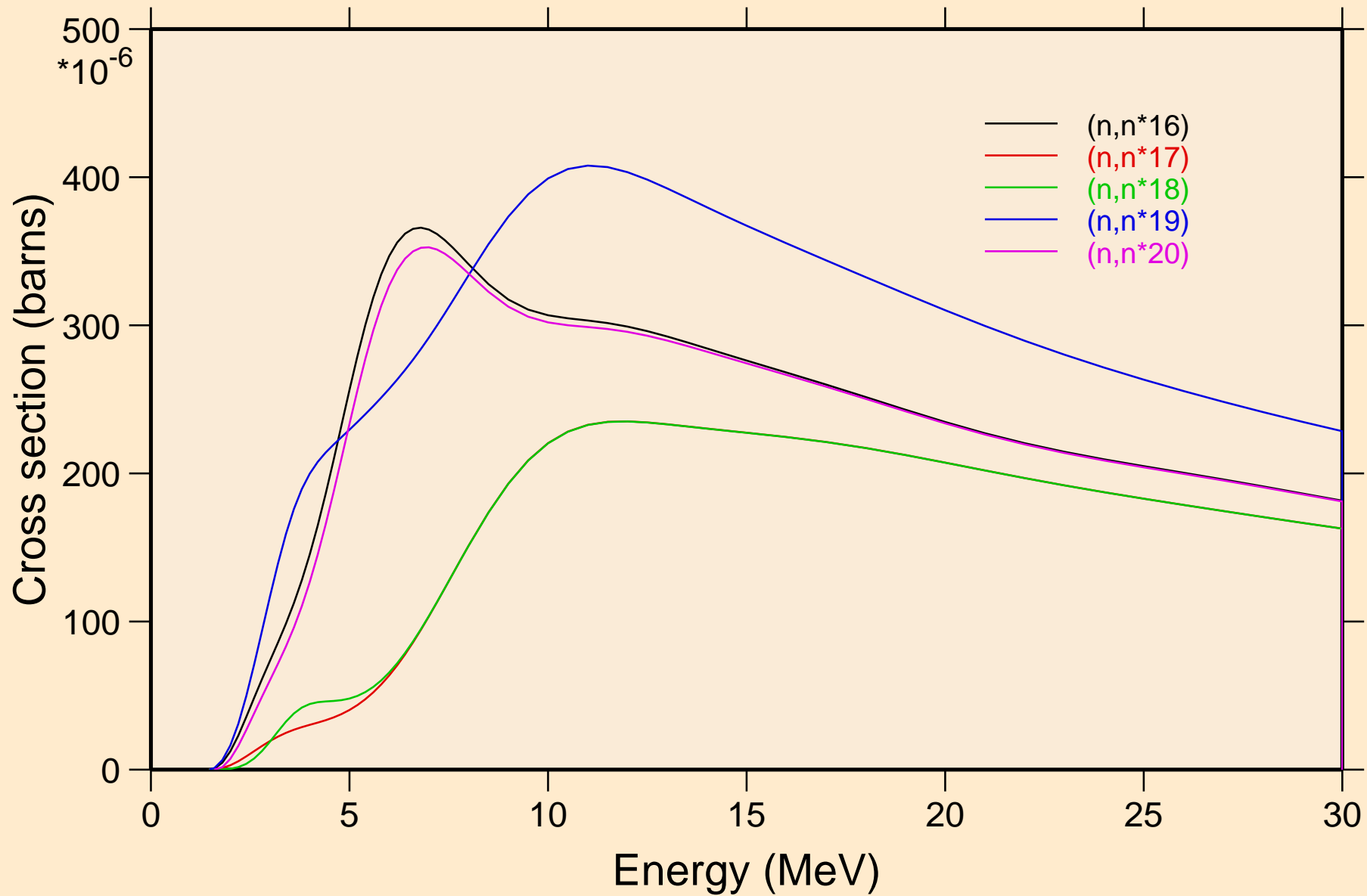
TL187 NRG TENDL-2015, AKONING  
Inelastic levels





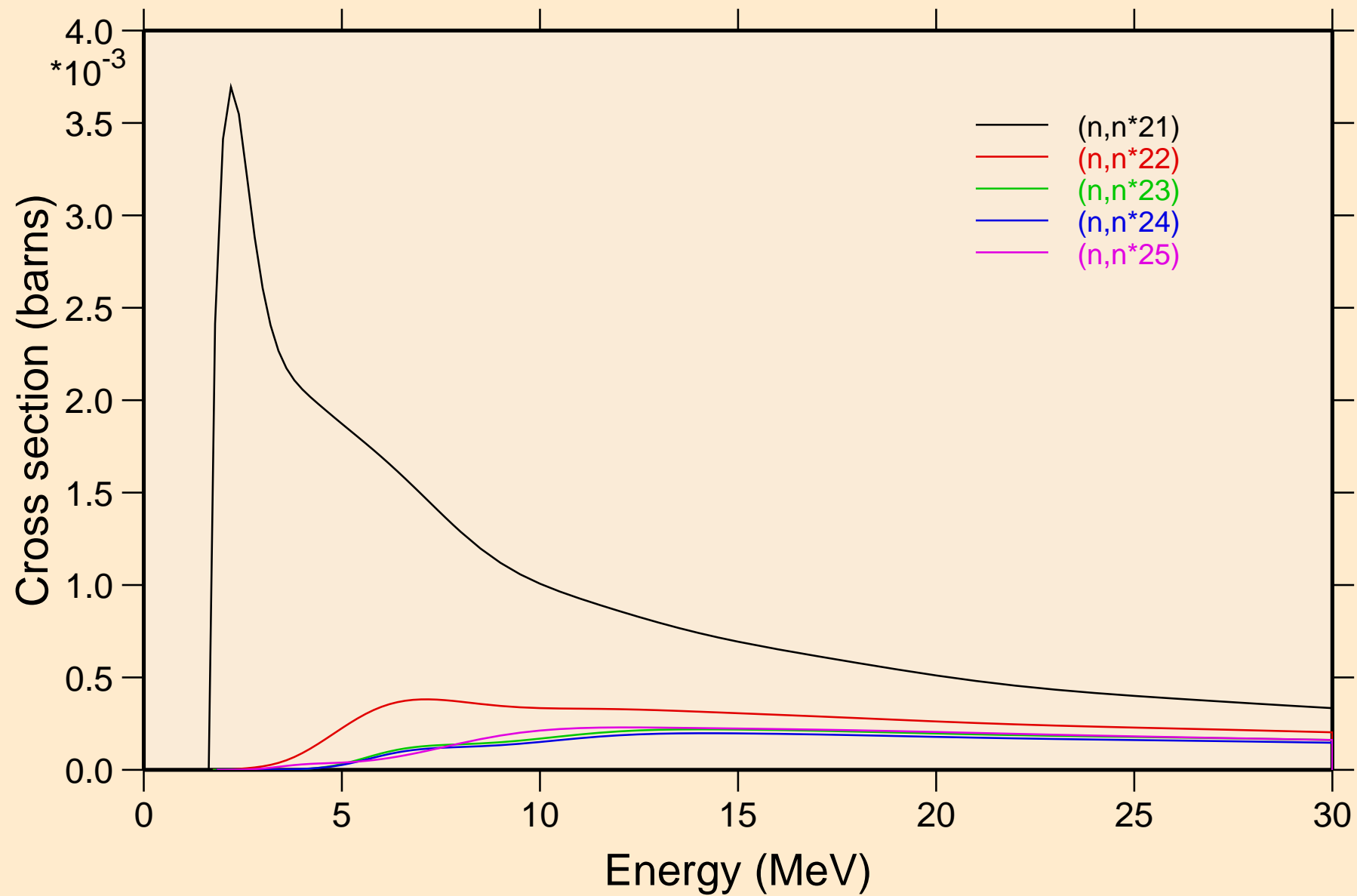
# TL187 NRG TENDL-2015, AKONING

## Inelastic levels

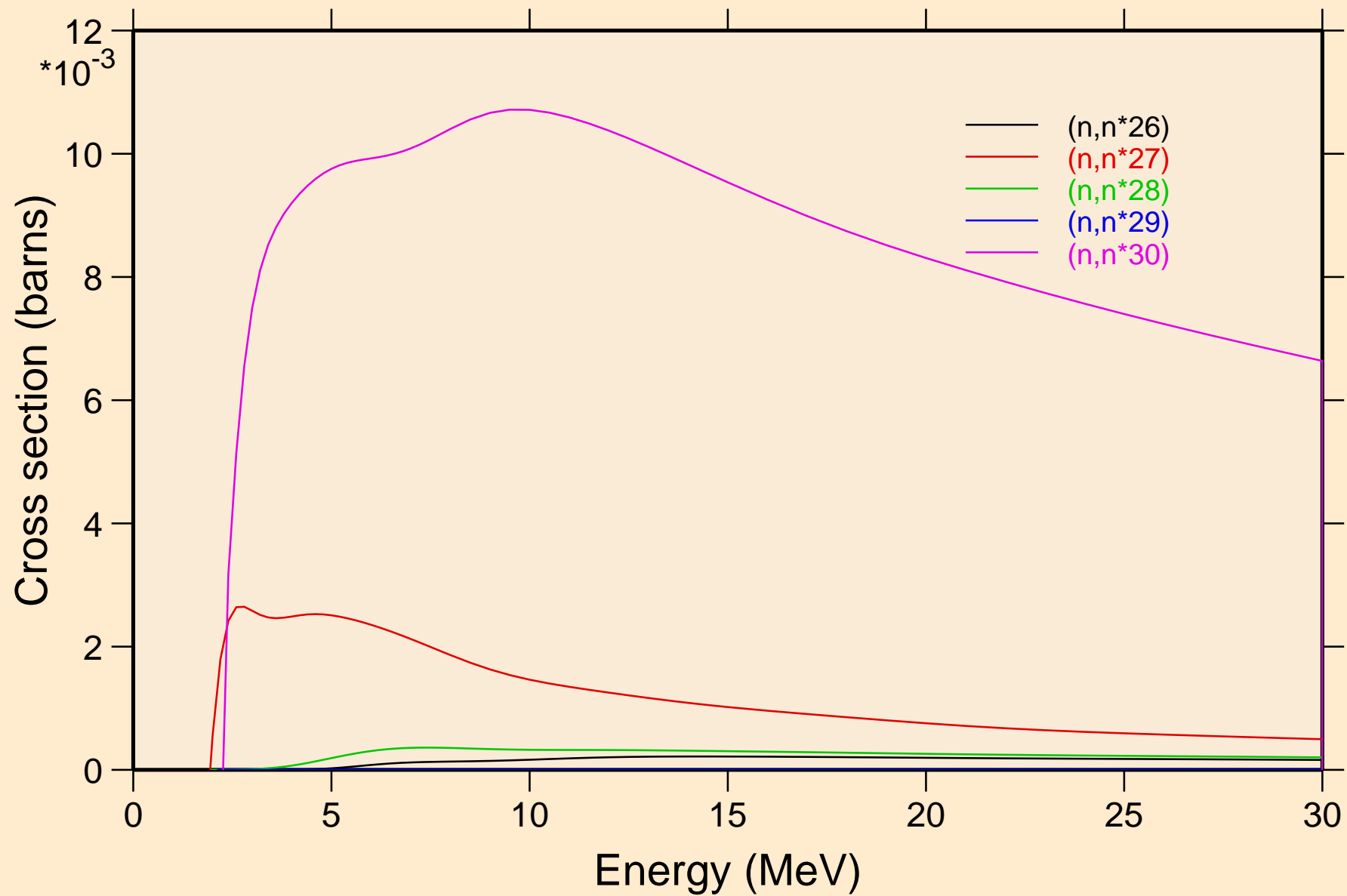


# TL187 NRG TENDL-2015, AKONING

## Inelastic levels

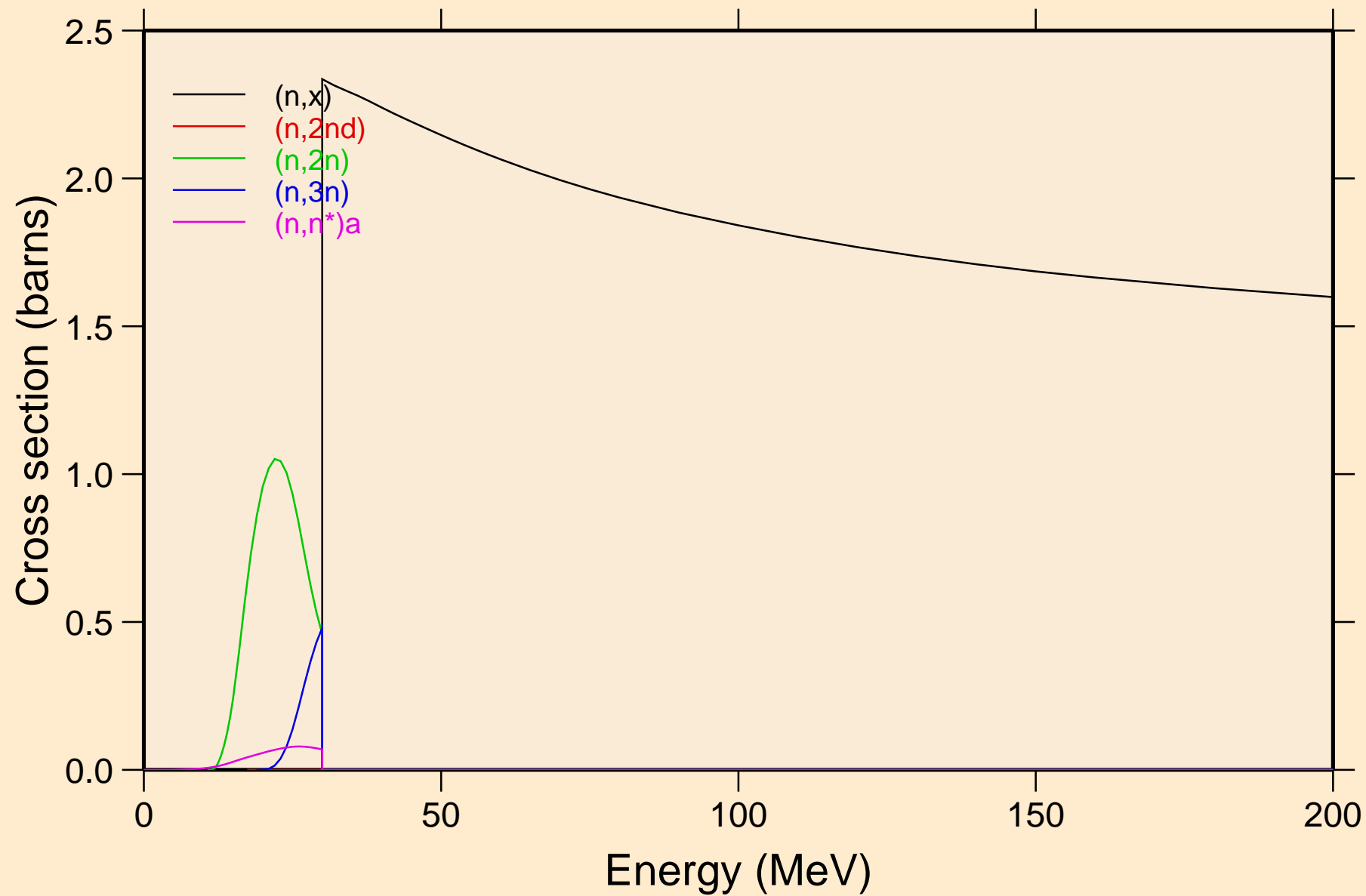


TL187 NRG TENDL-2015, AKONING  
Inelastic levels



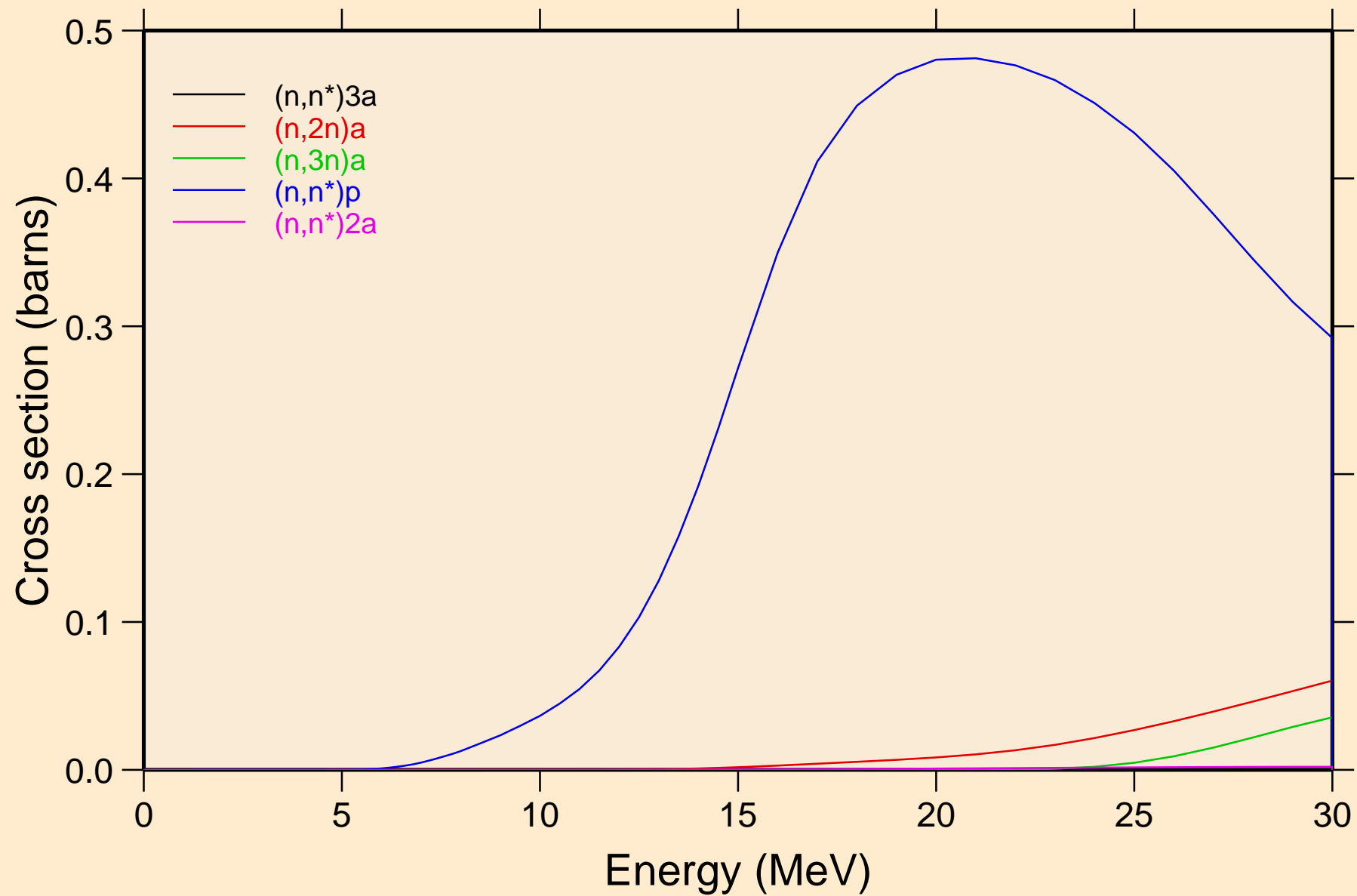
# TL187 NRG TENDL-2015, AKONING

## Threshold reactions



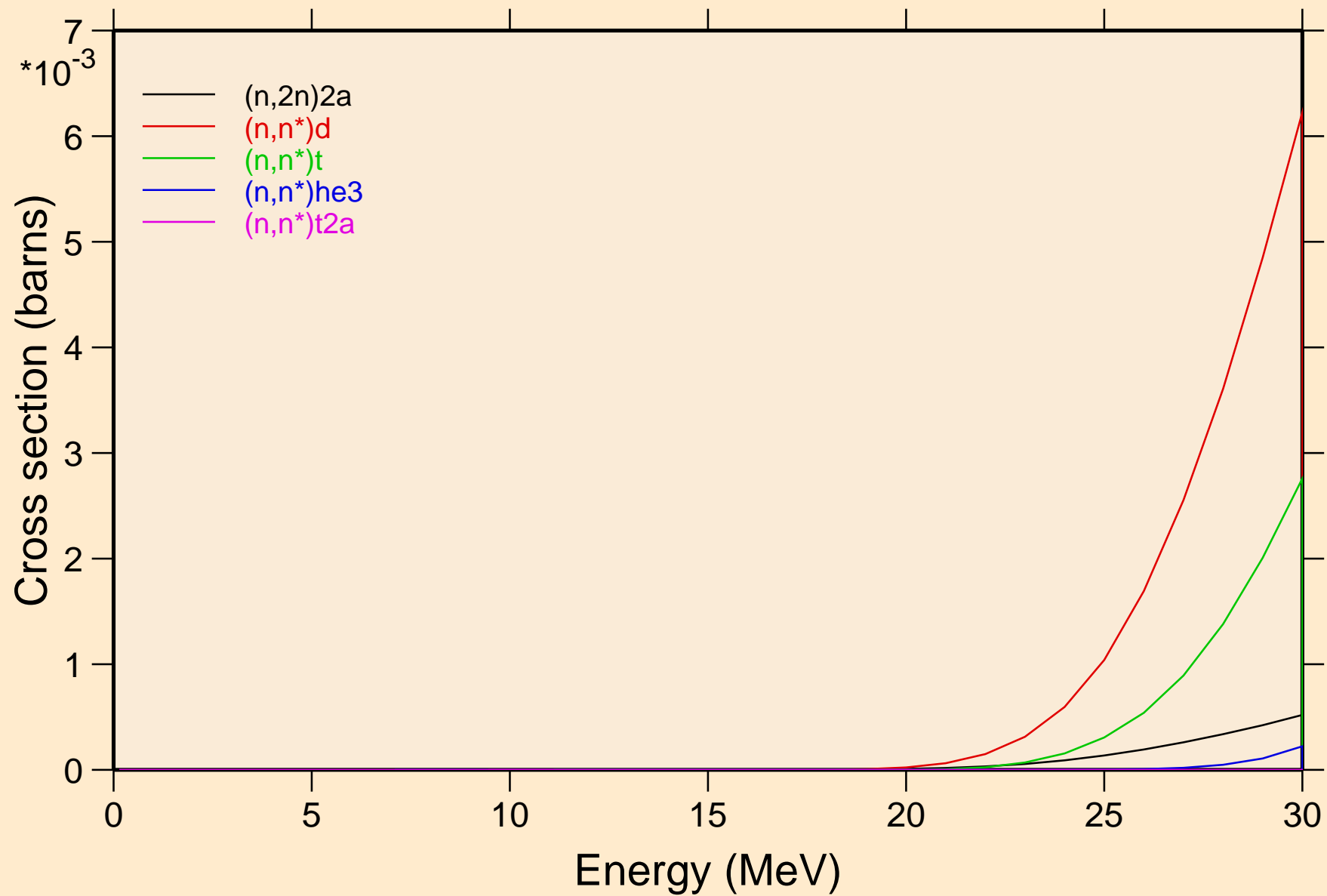
# TL187 NRG TENDL-2015, AKONING

## Threshold reactions



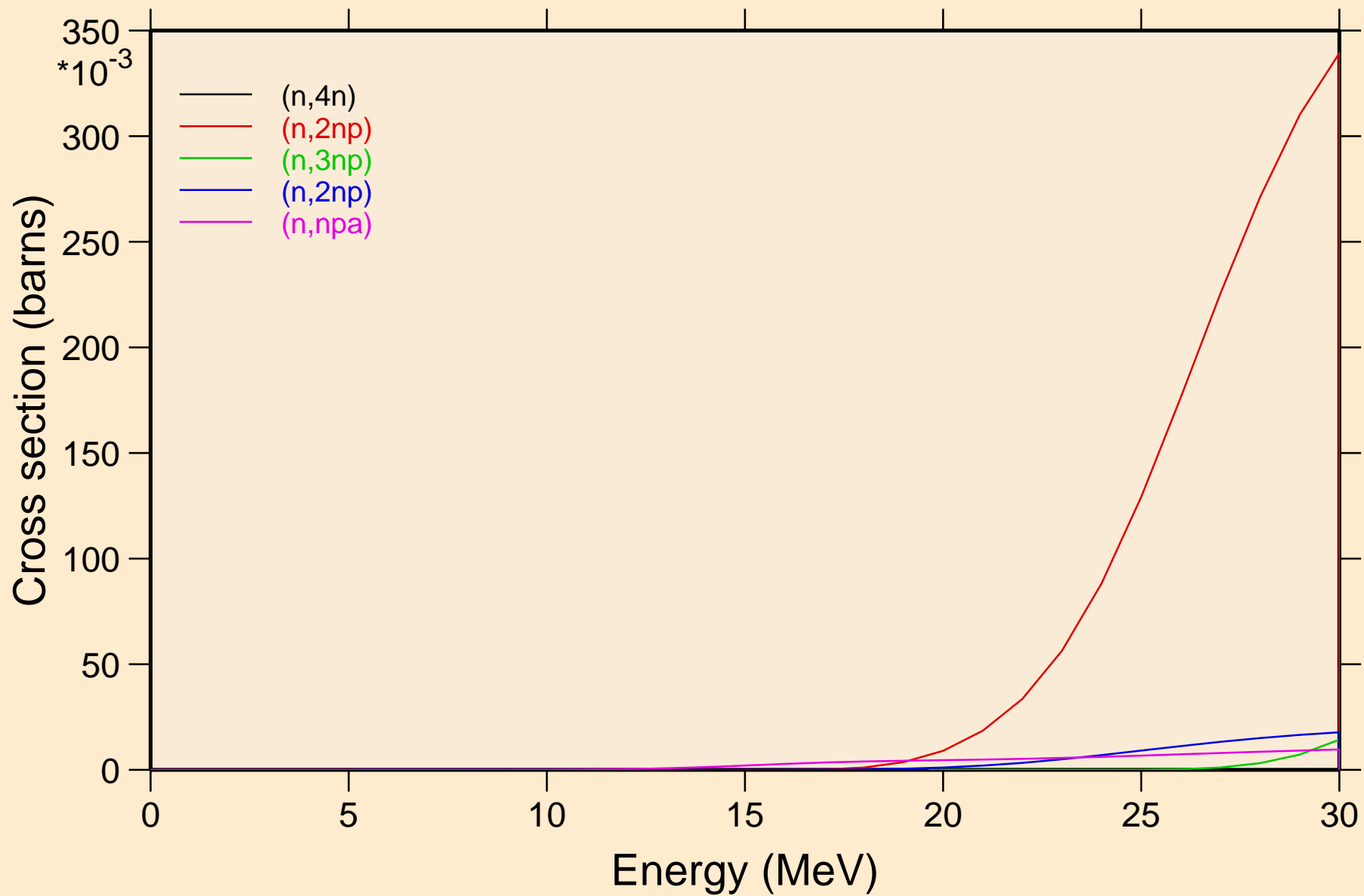
# TL187 NRG TENDL-2015, AKONING

## Threshold reactions



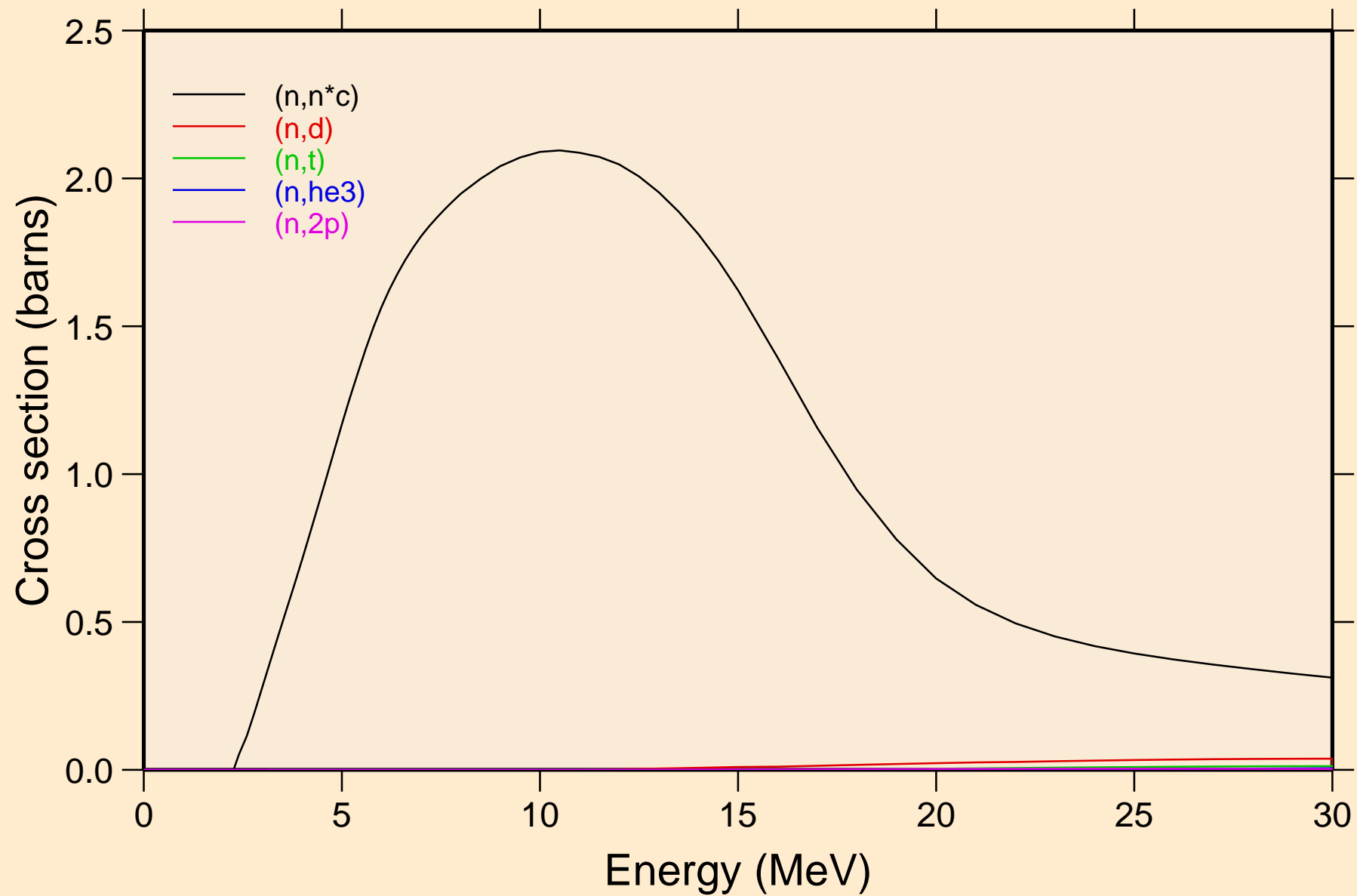
# TL187 NRG TENDL-2015, AKONING

## Threshold reactions



# TL187 NRG TENDL-2015, AKONING

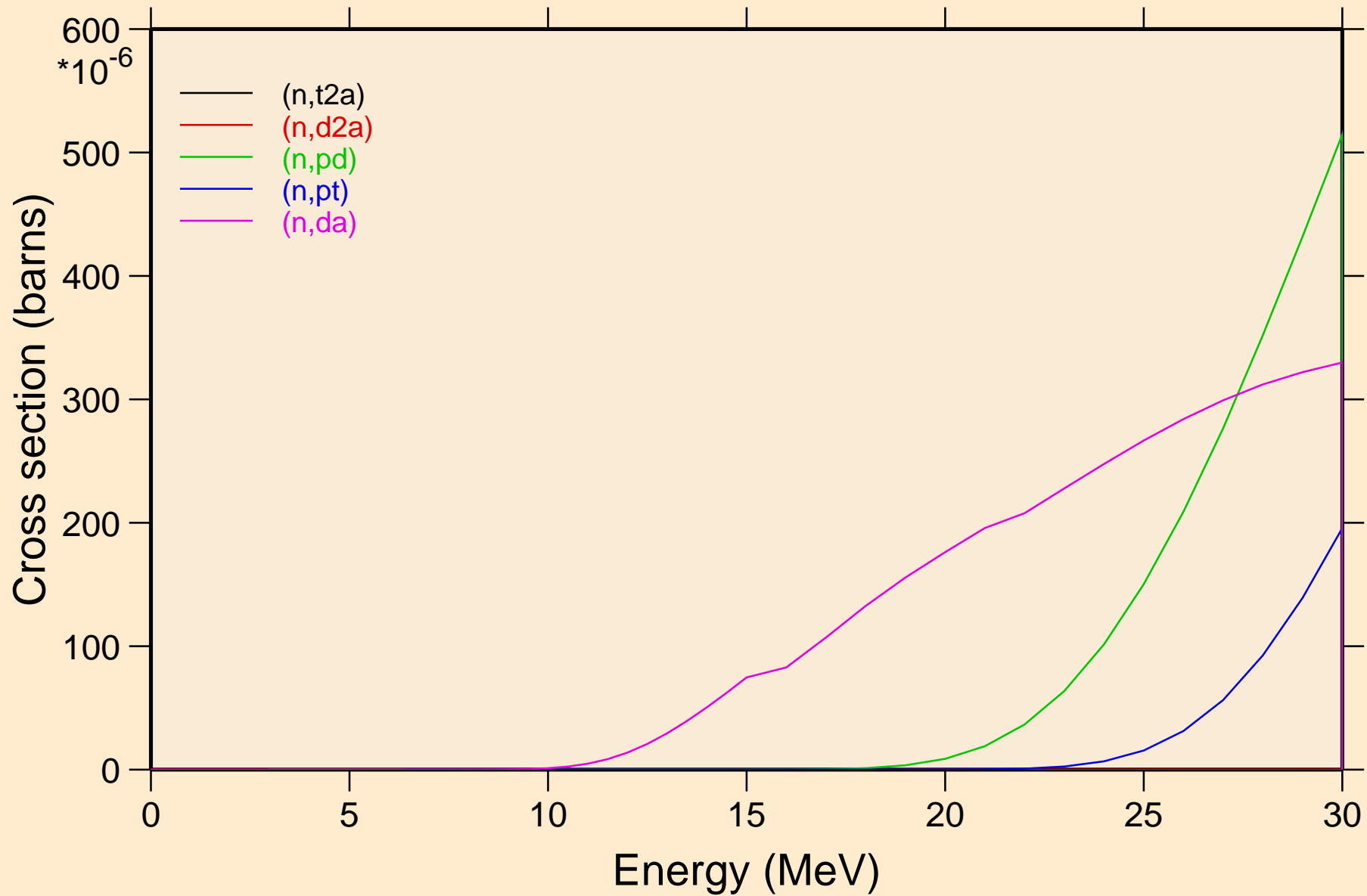
## Threshold reactions



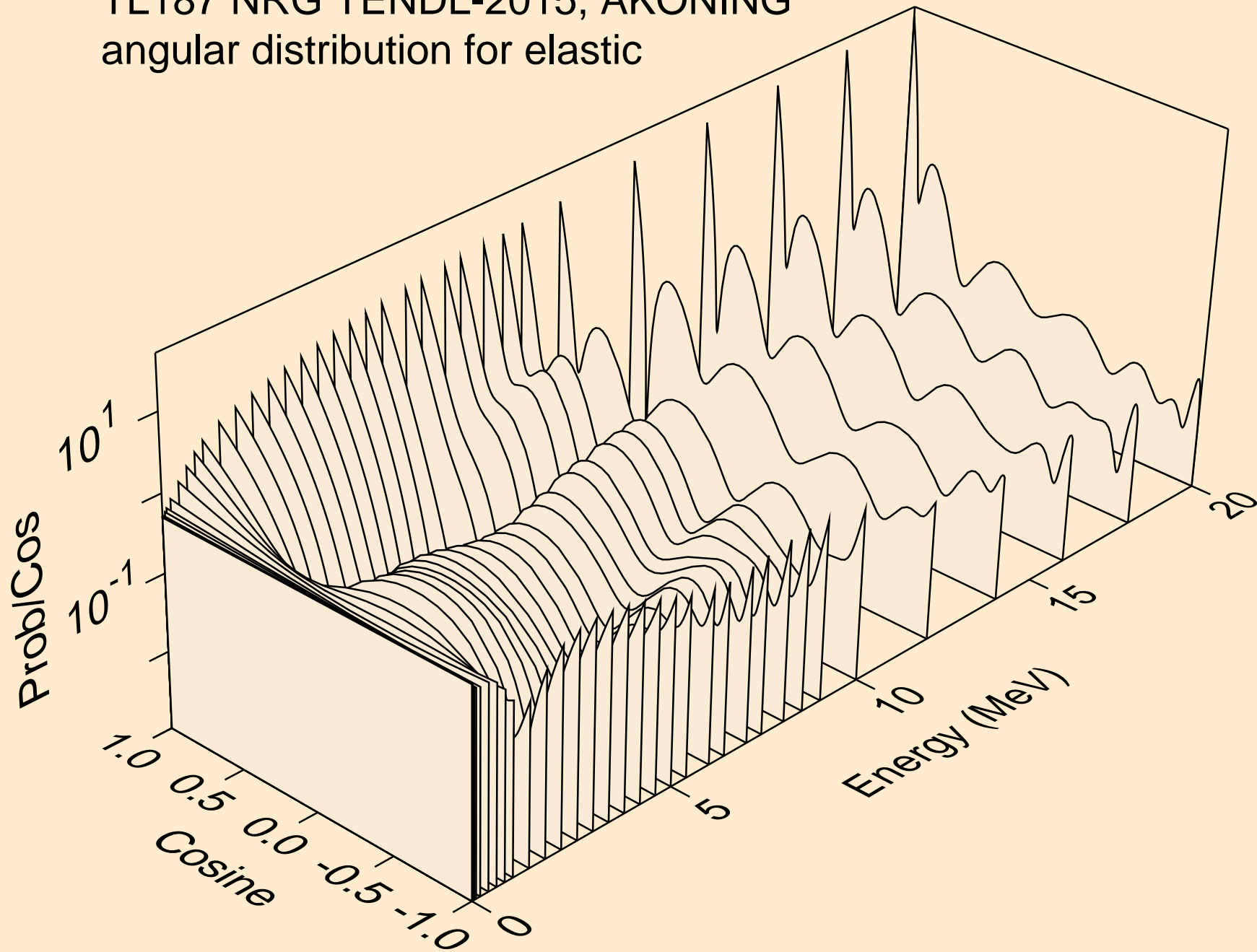


# TL187 NRG TENDL-2015, AKONING

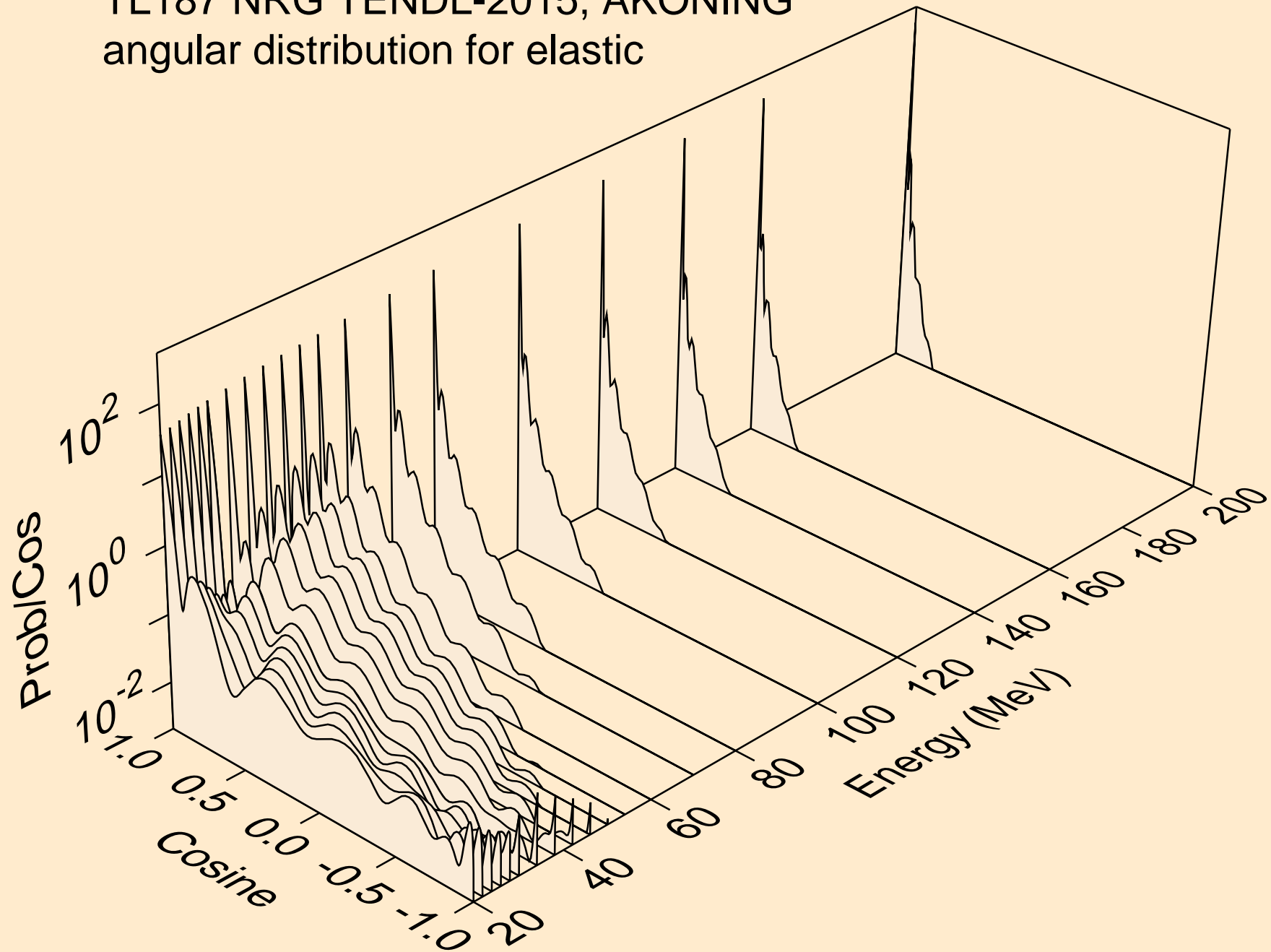
## Threshold reactions



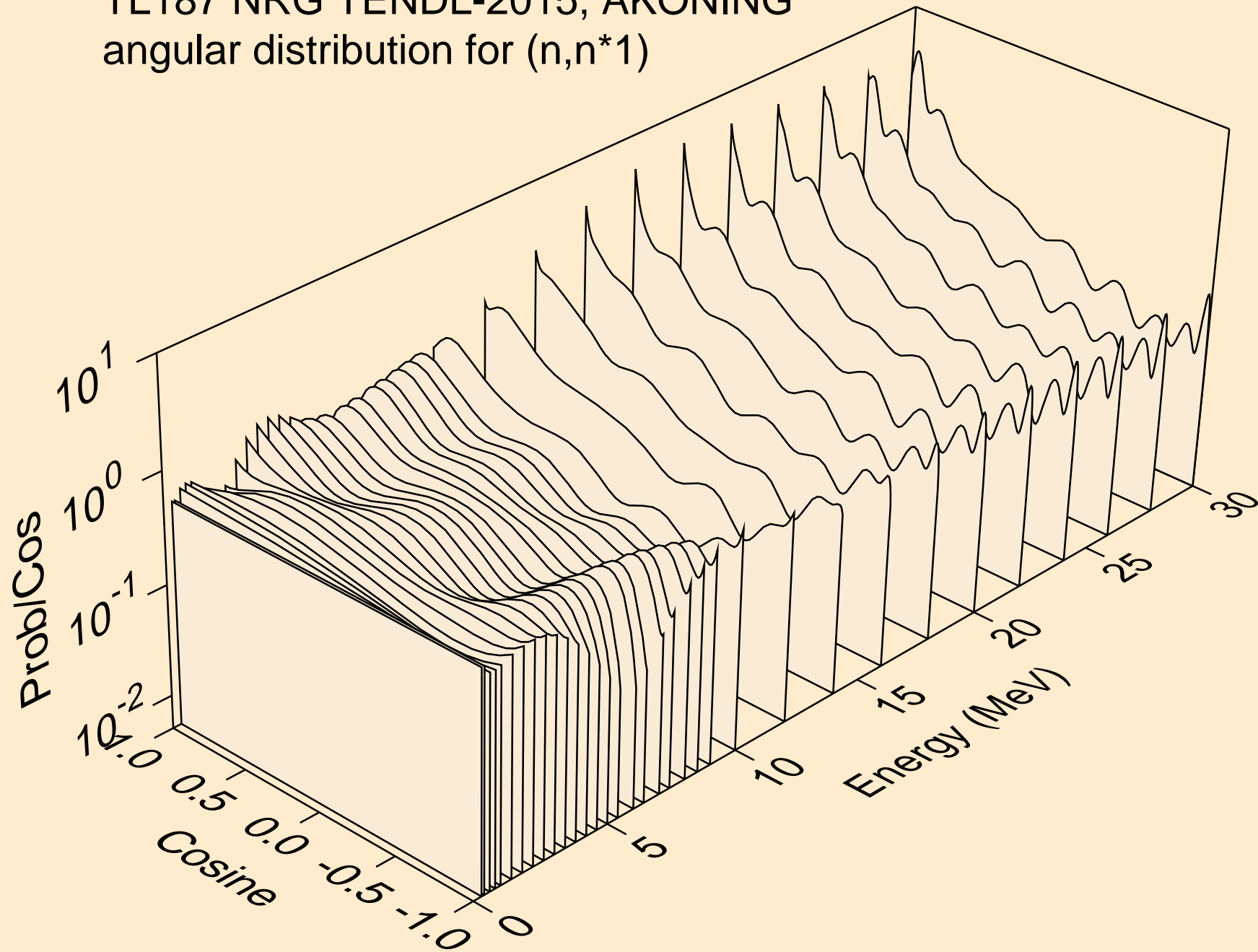
TL187 NRG TENDL-2015, AKONING  
angular distribution for elastic



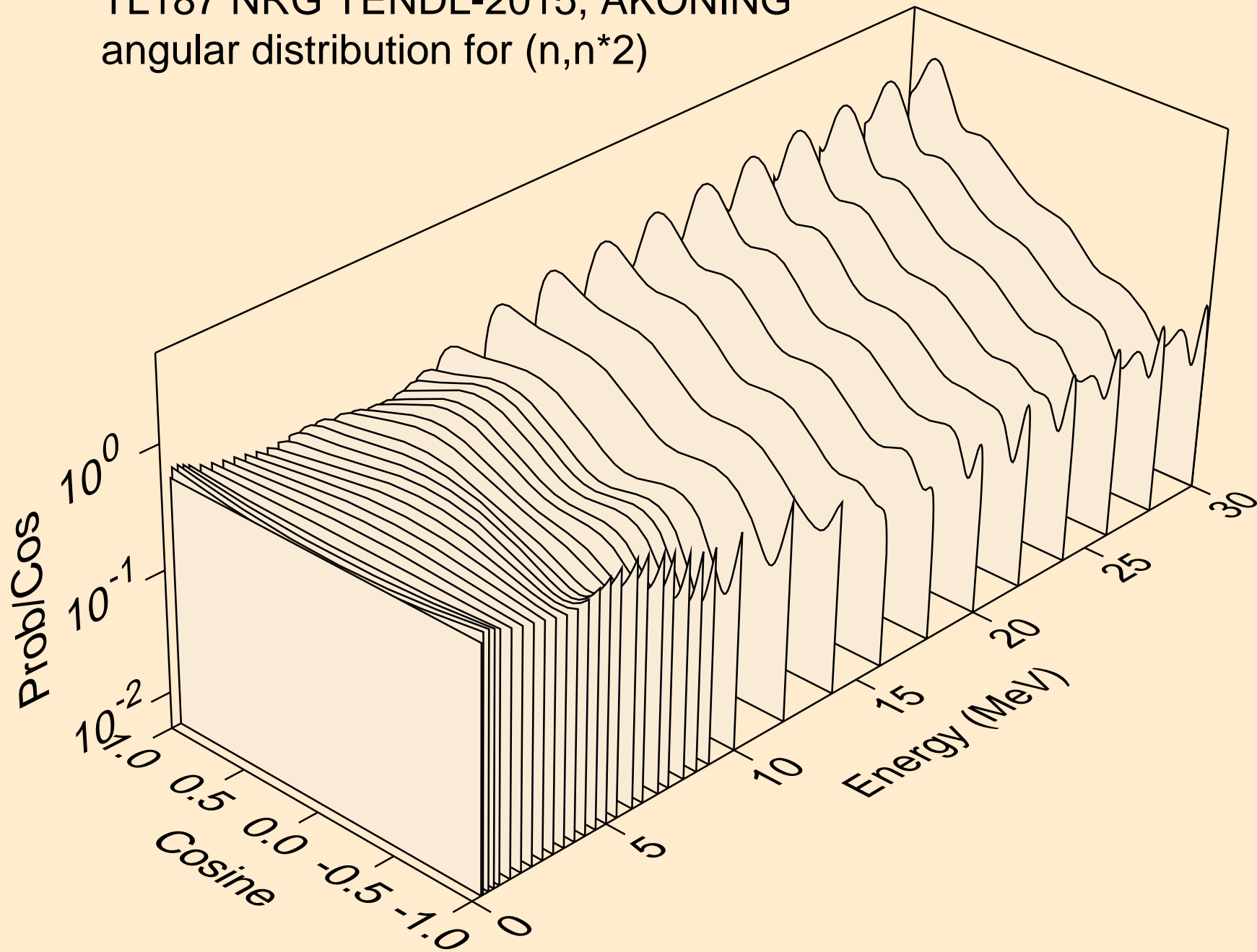
TL187 NRG TENDL-2015, AKONING  
angular distribution for elastic



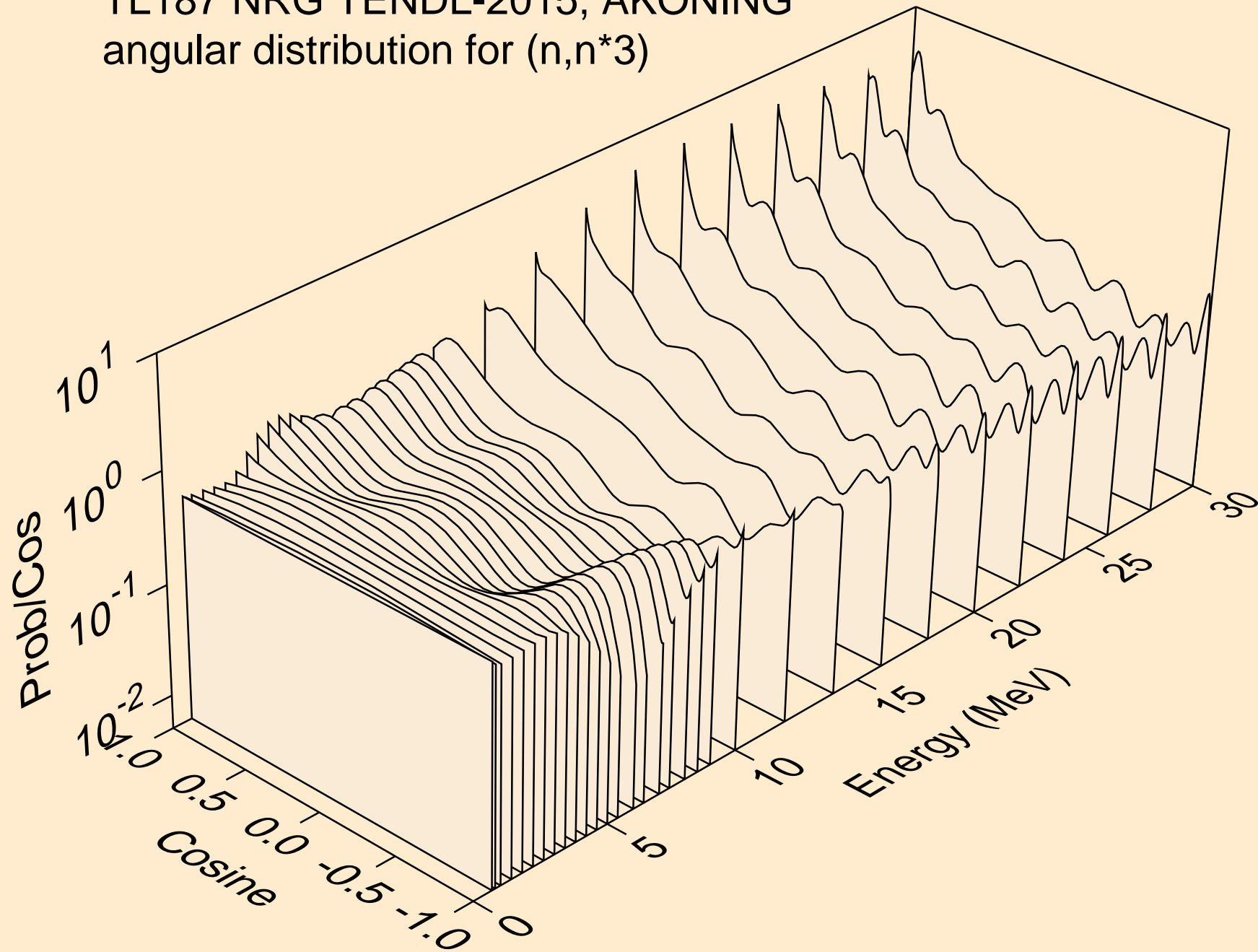
TL187 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



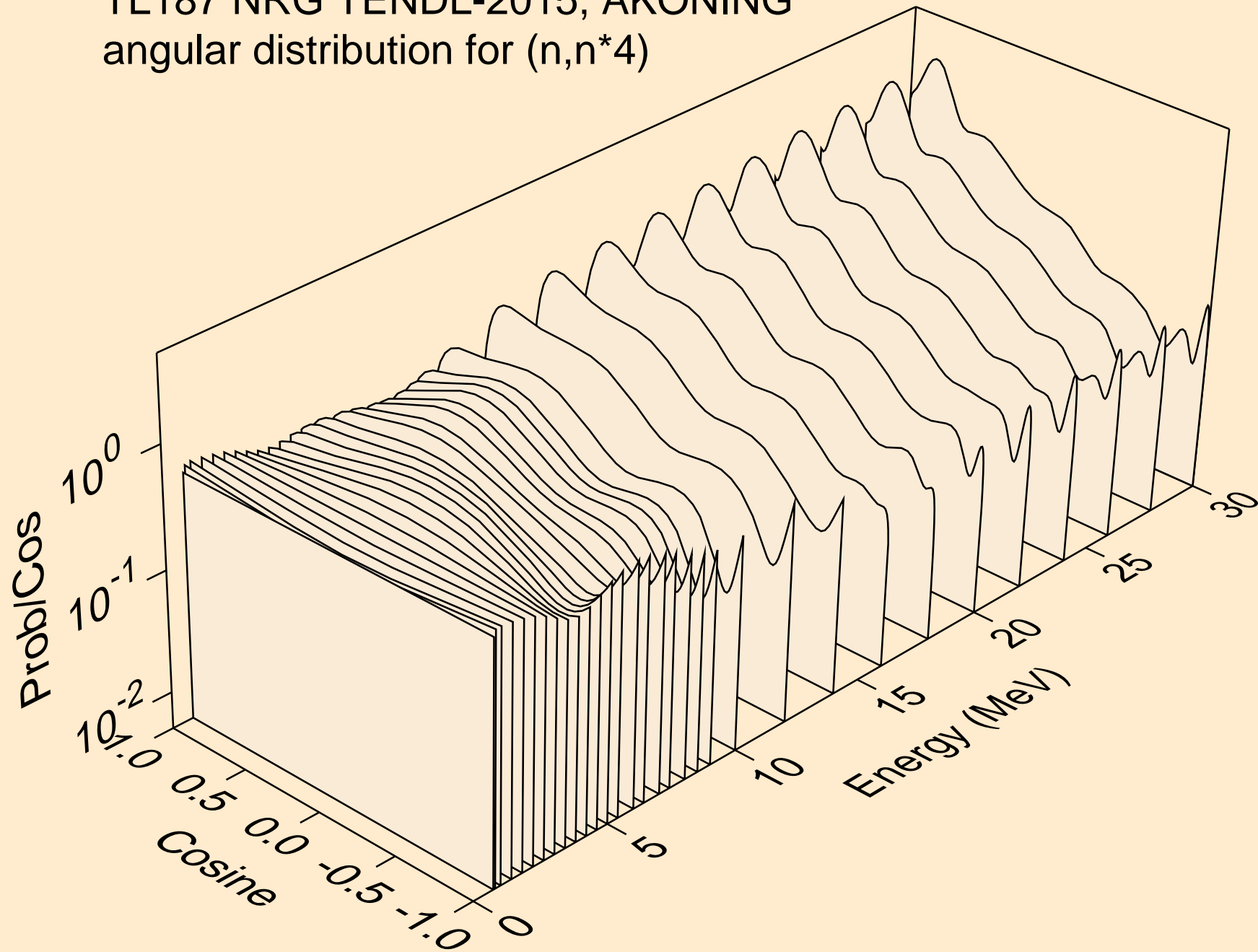
TL187 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



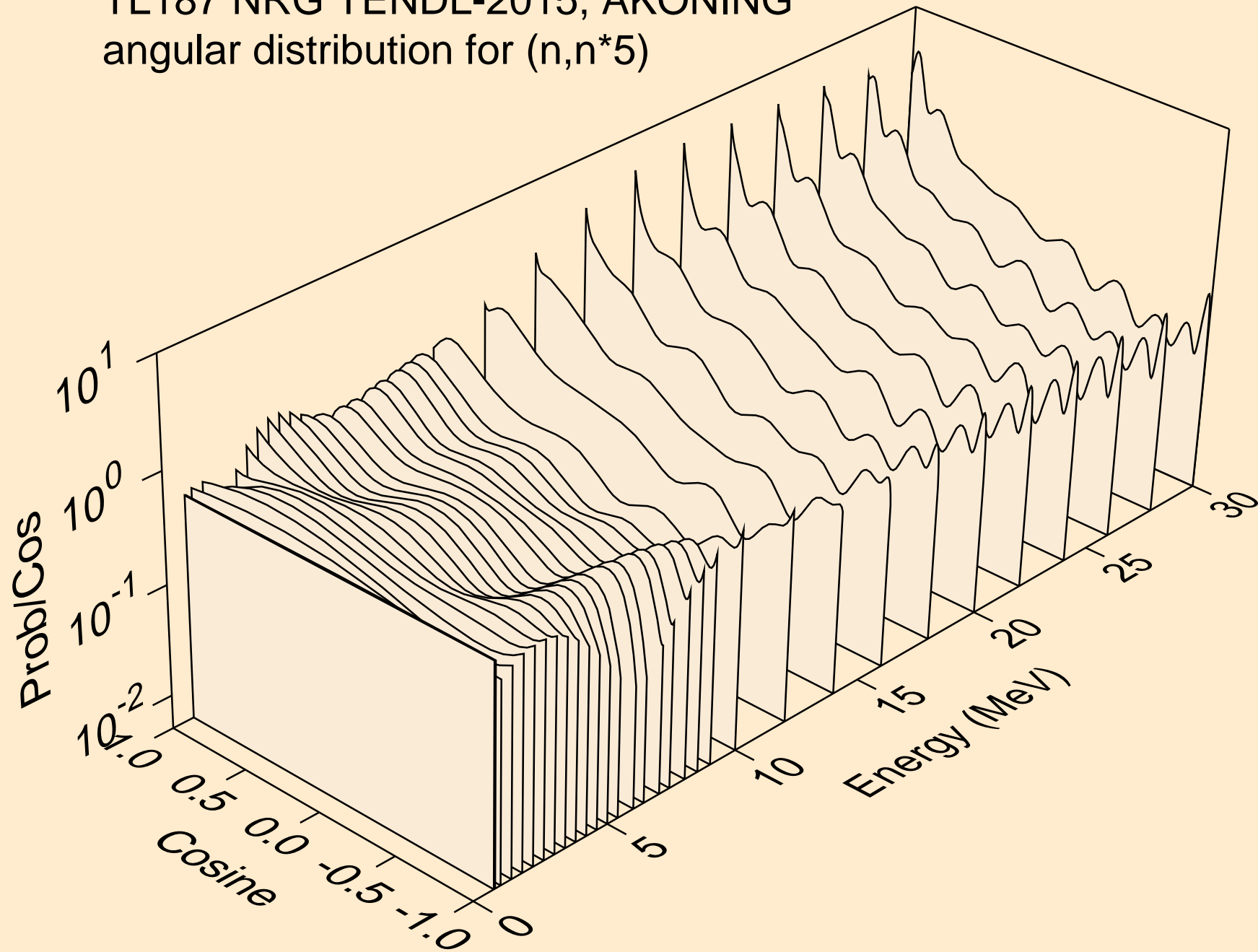
TL187 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



TL187 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)

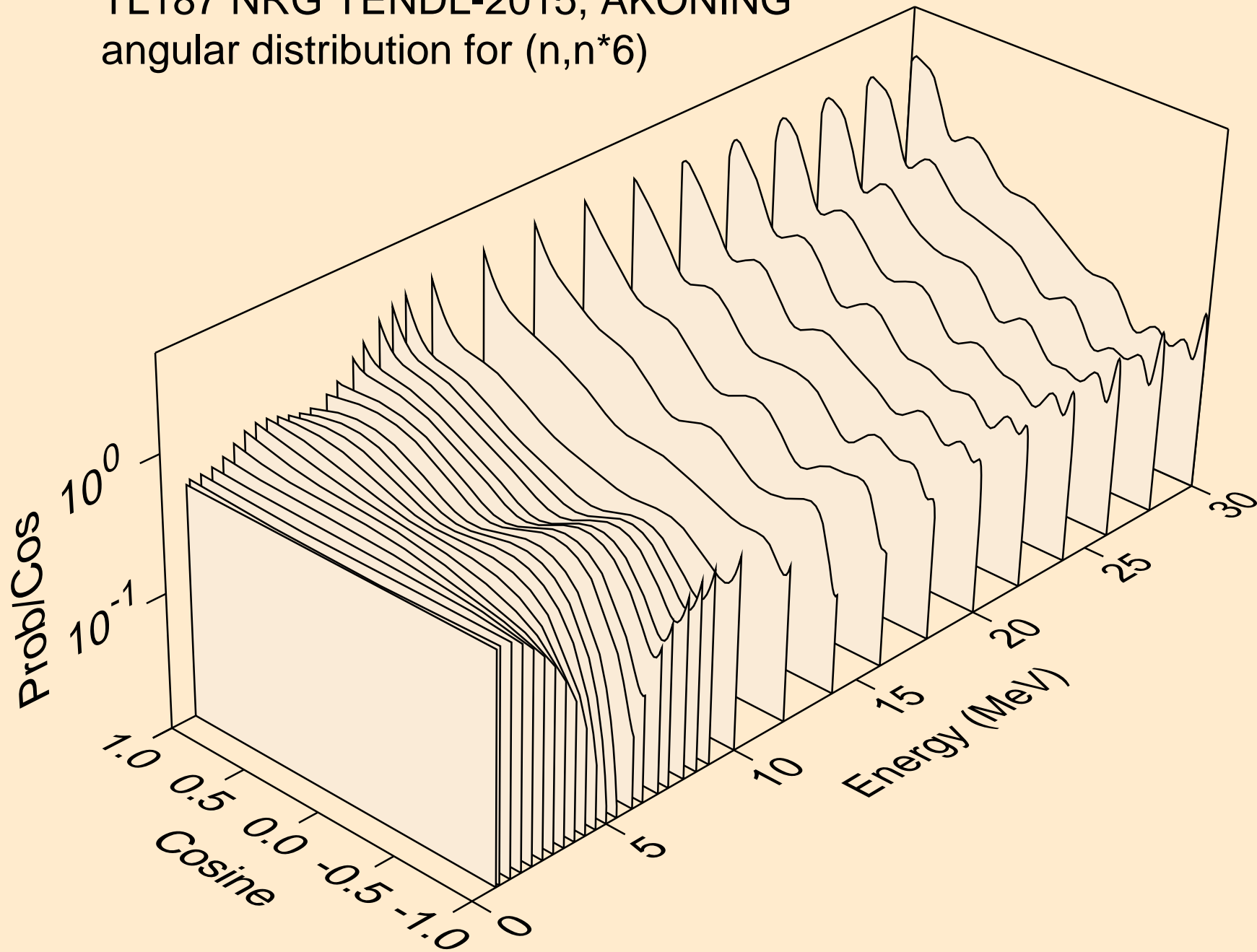


TL187 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

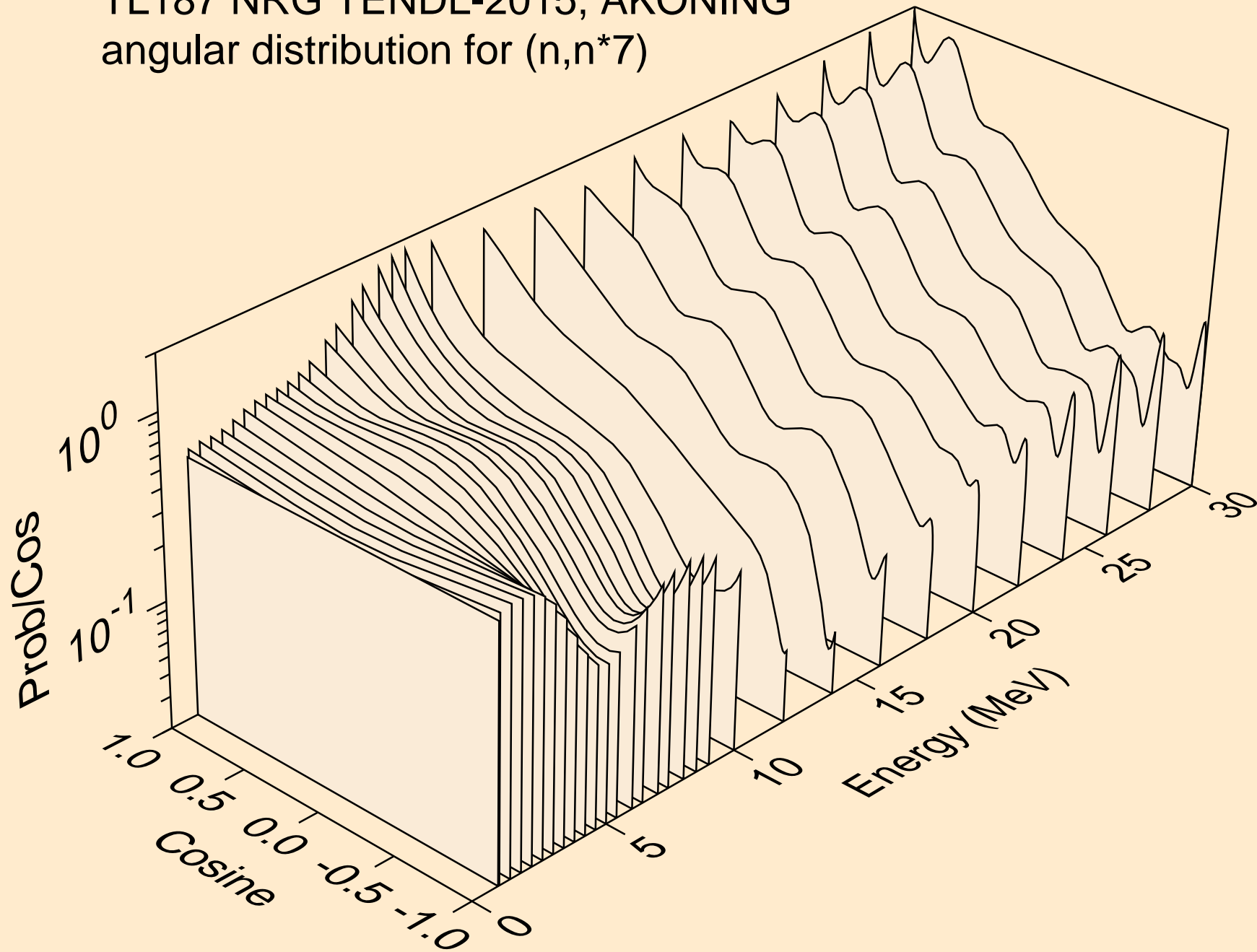




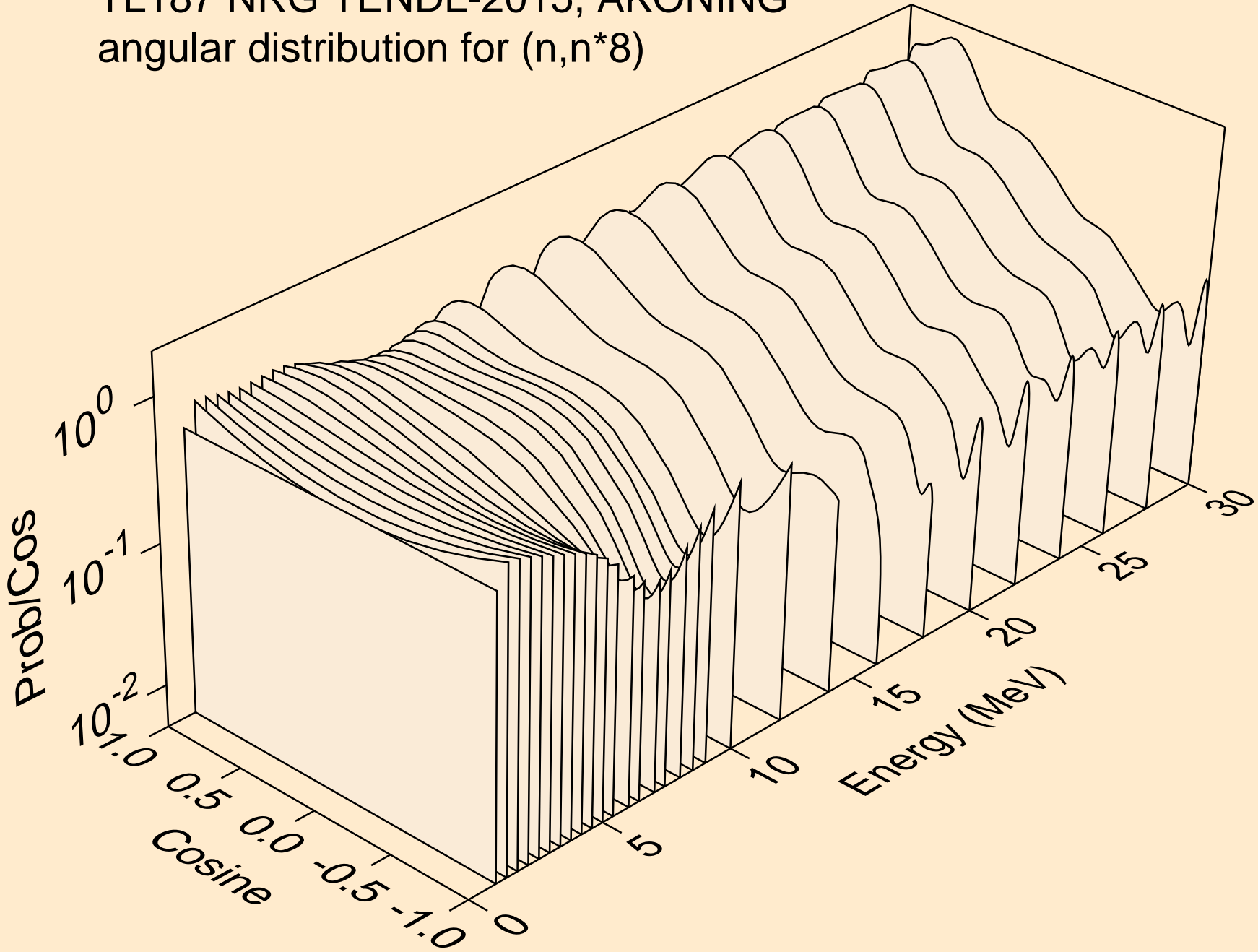
TL187 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



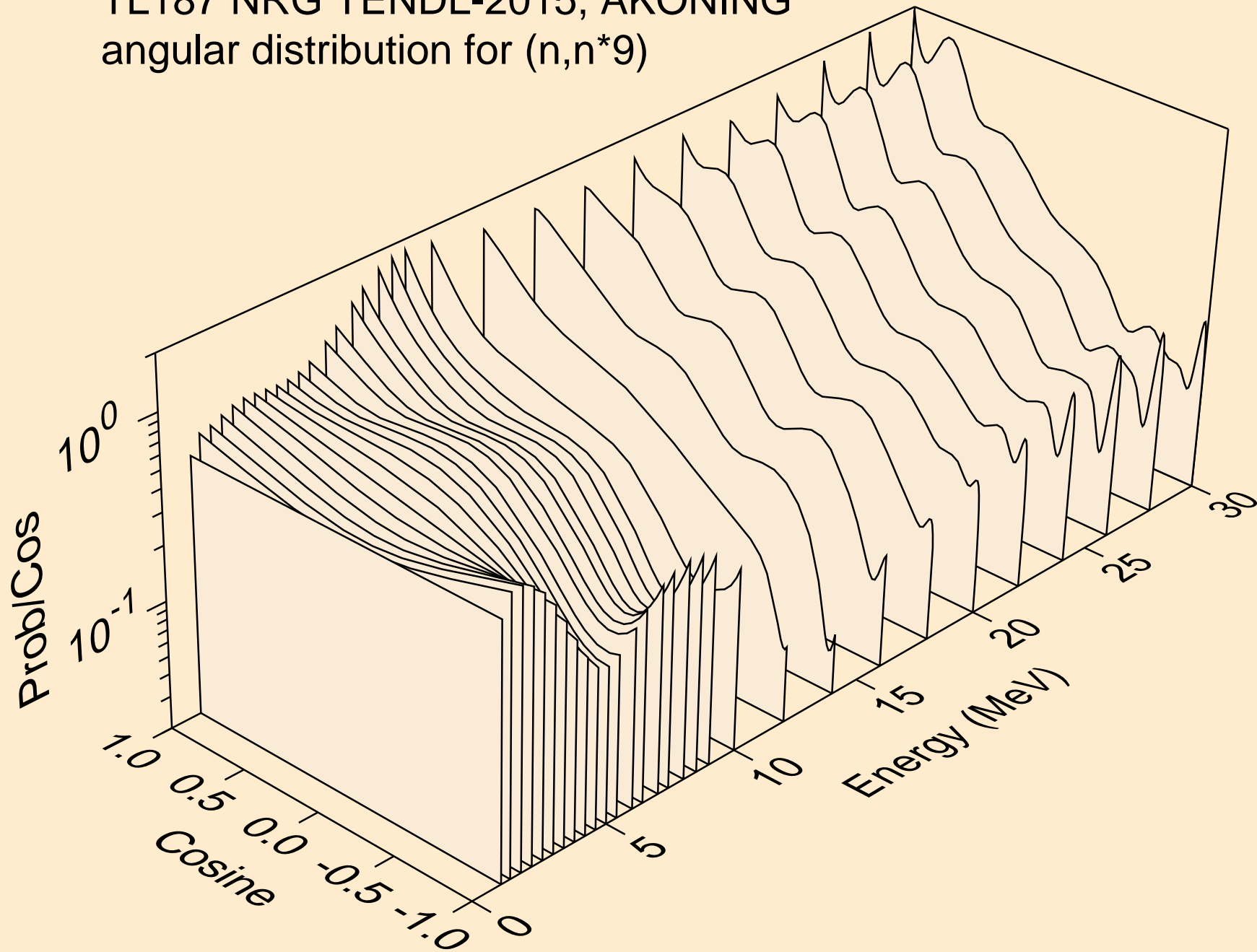
TL187 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



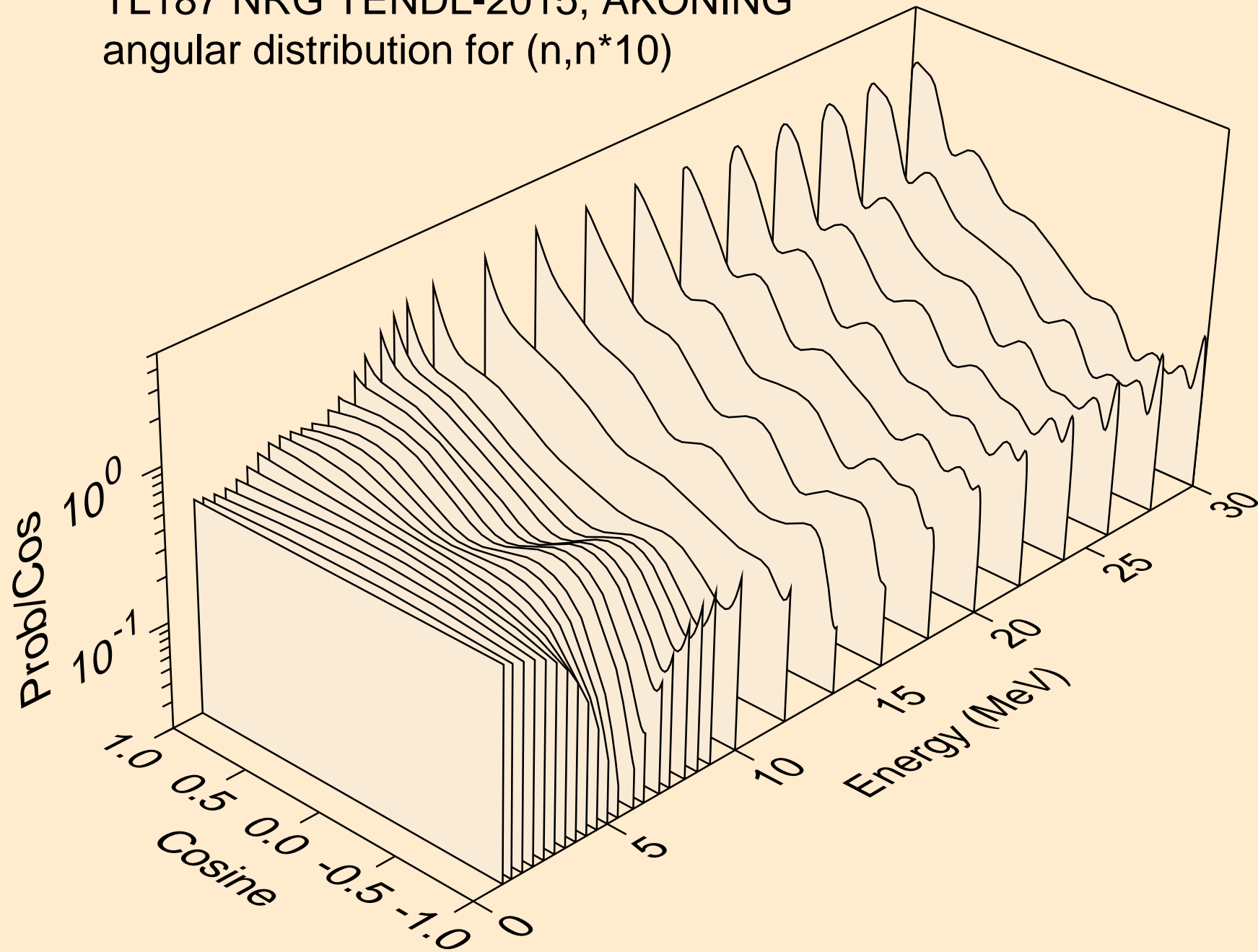
TL187 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



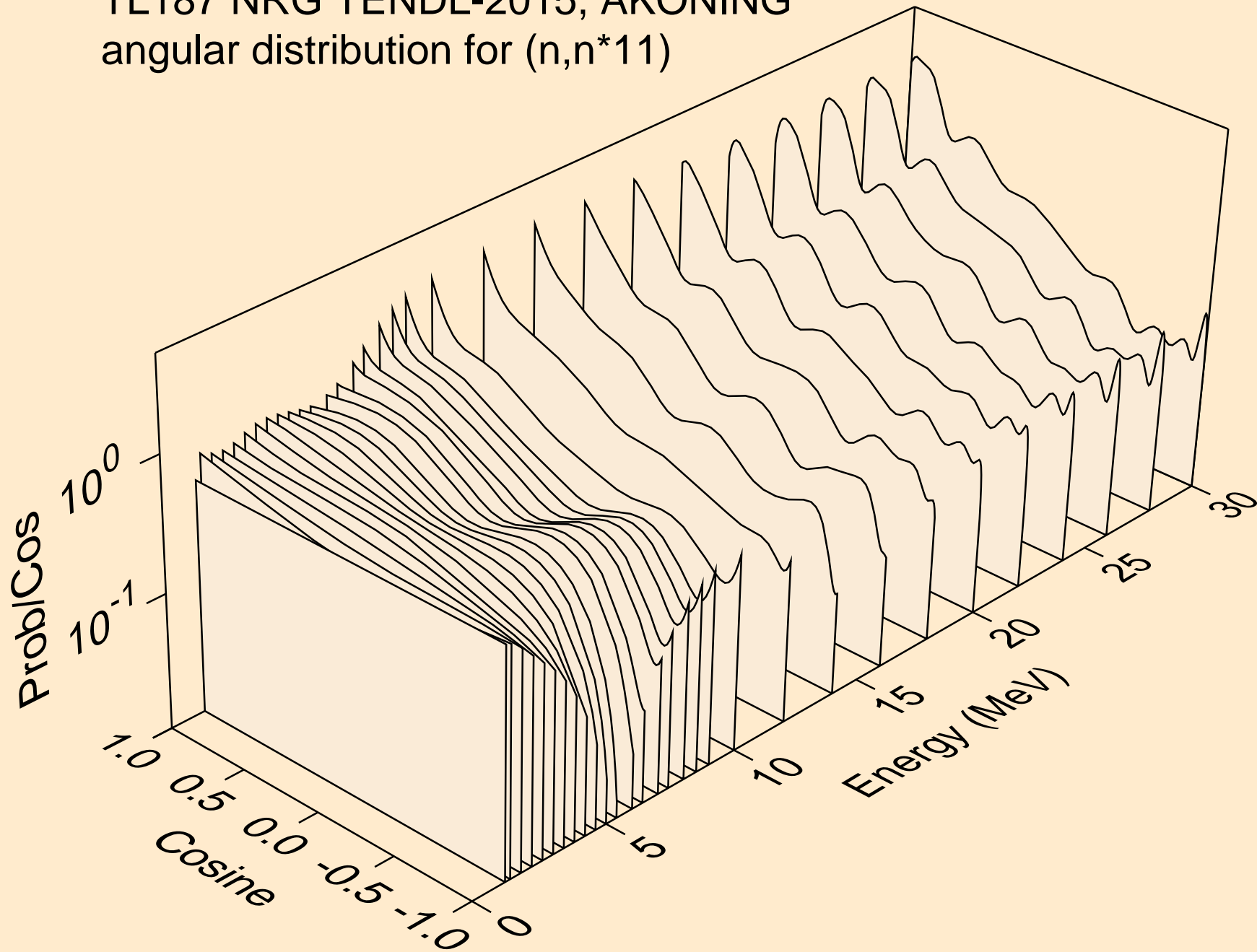
TL187 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



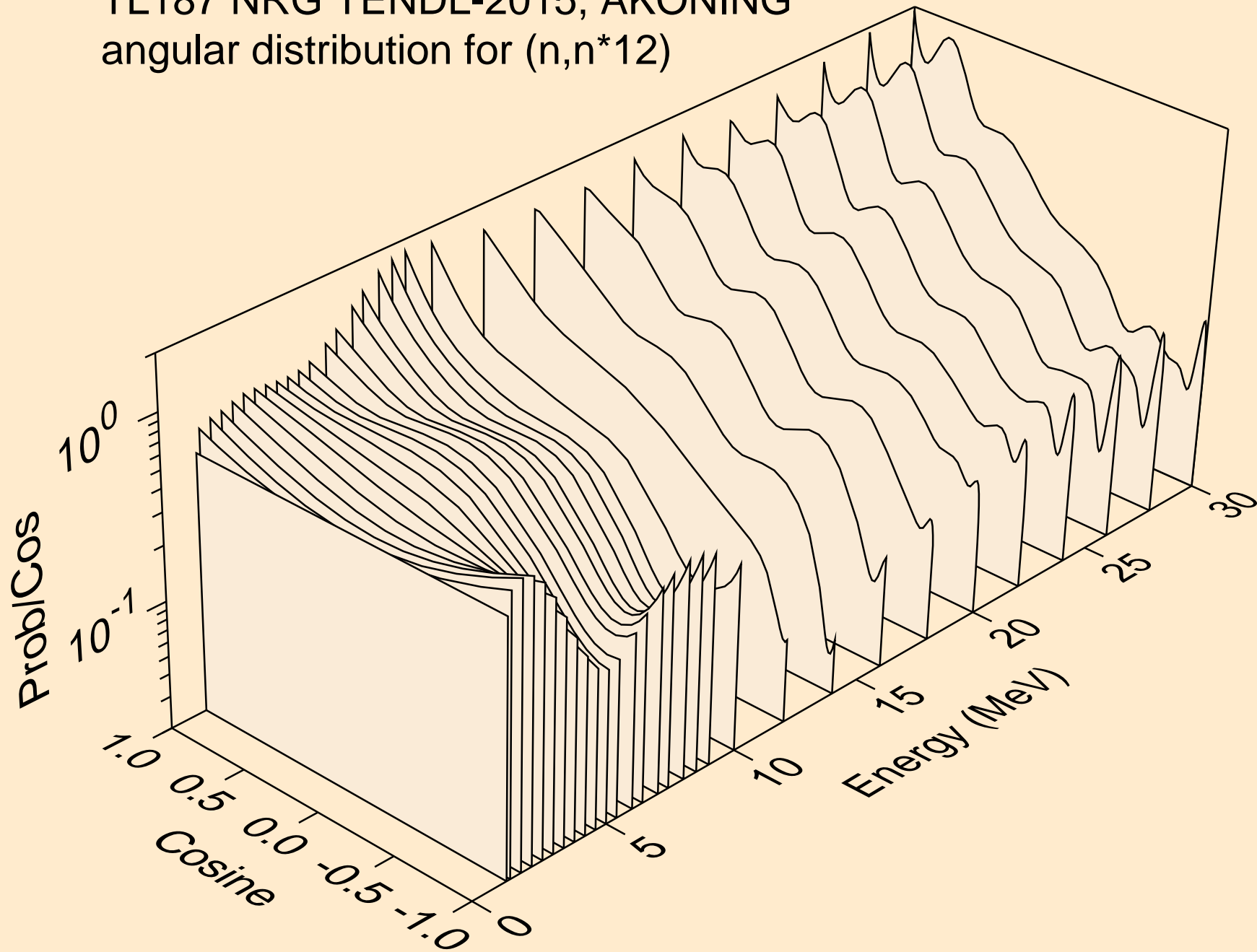
TL187 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



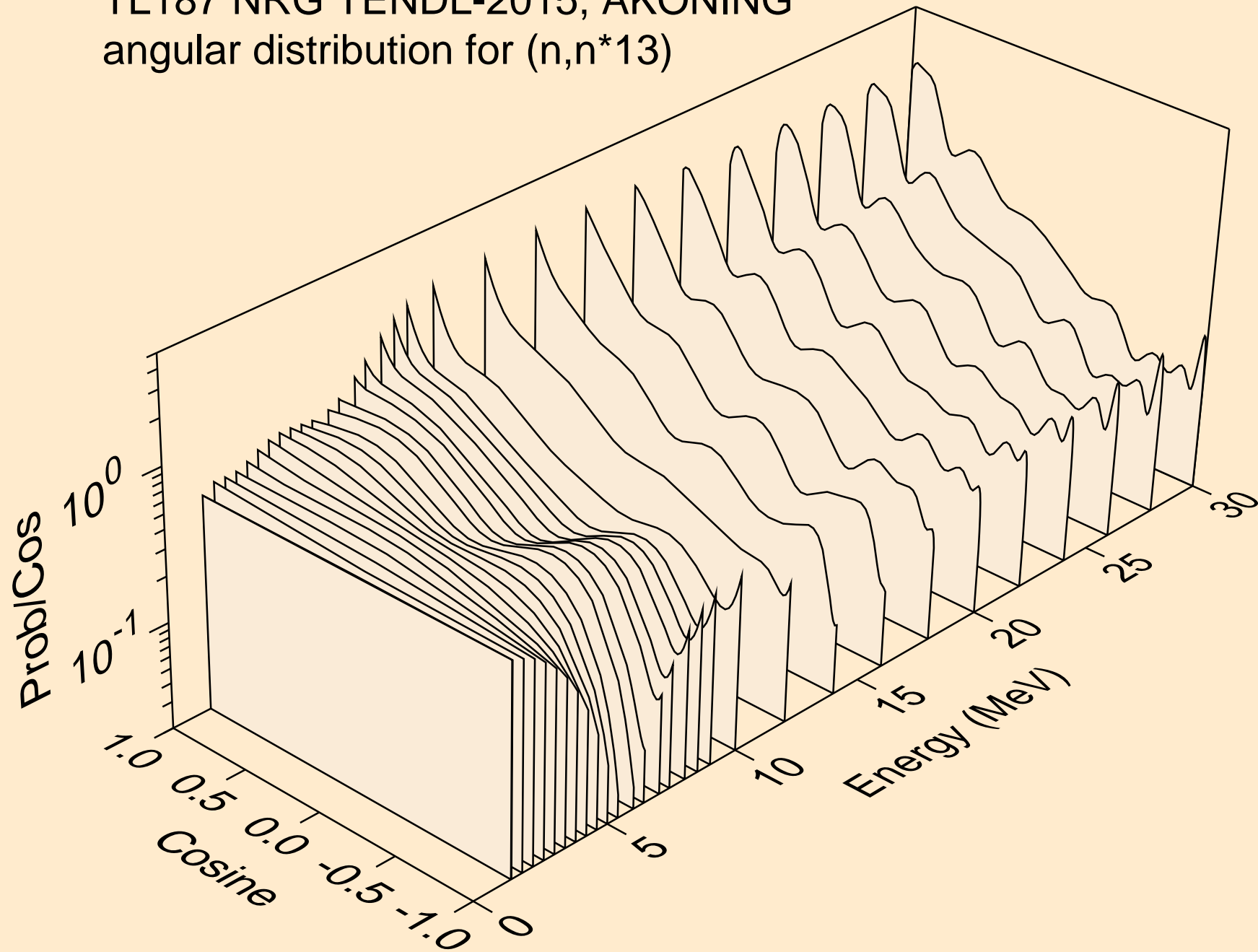
TL187 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



TL187 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)

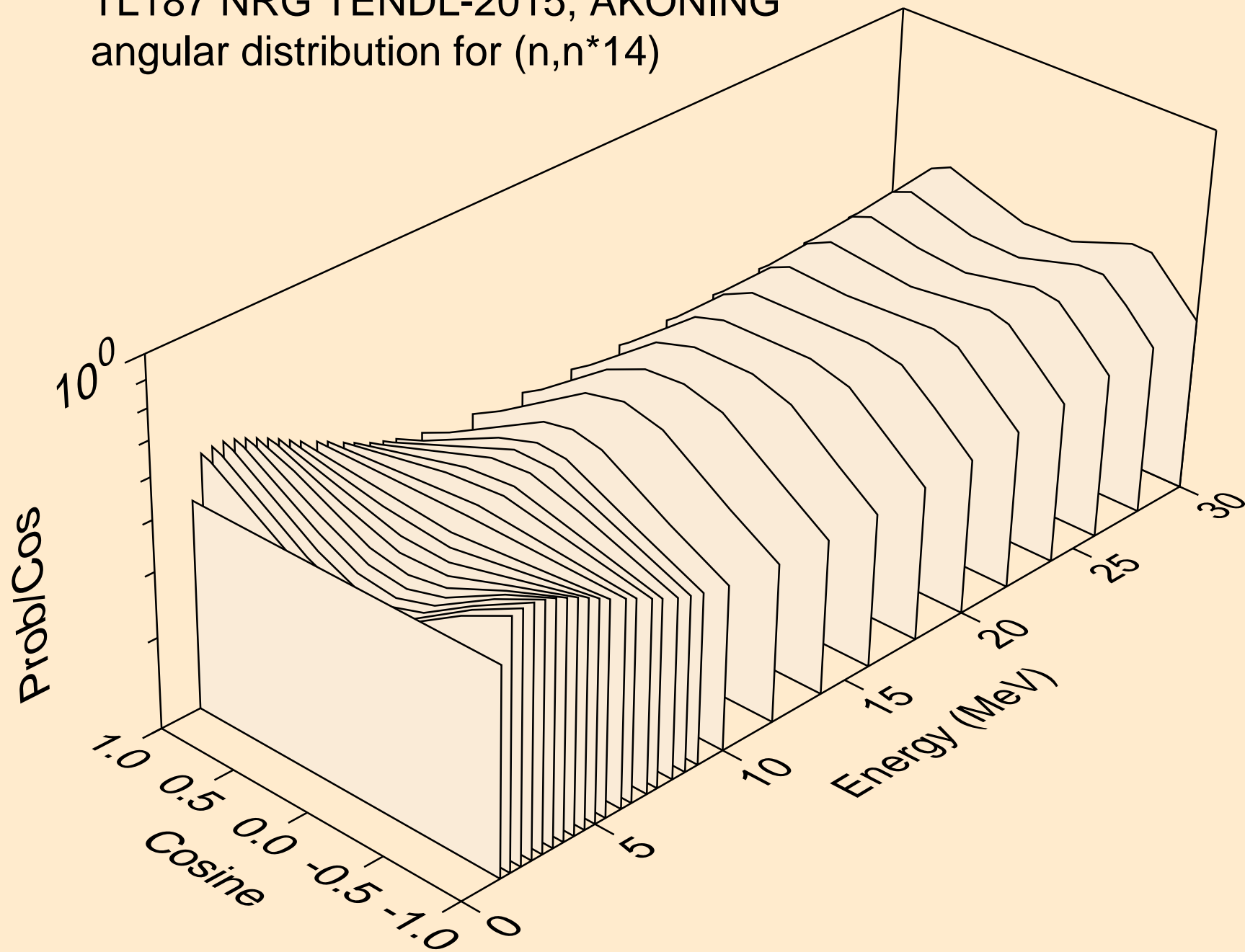


TL187 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

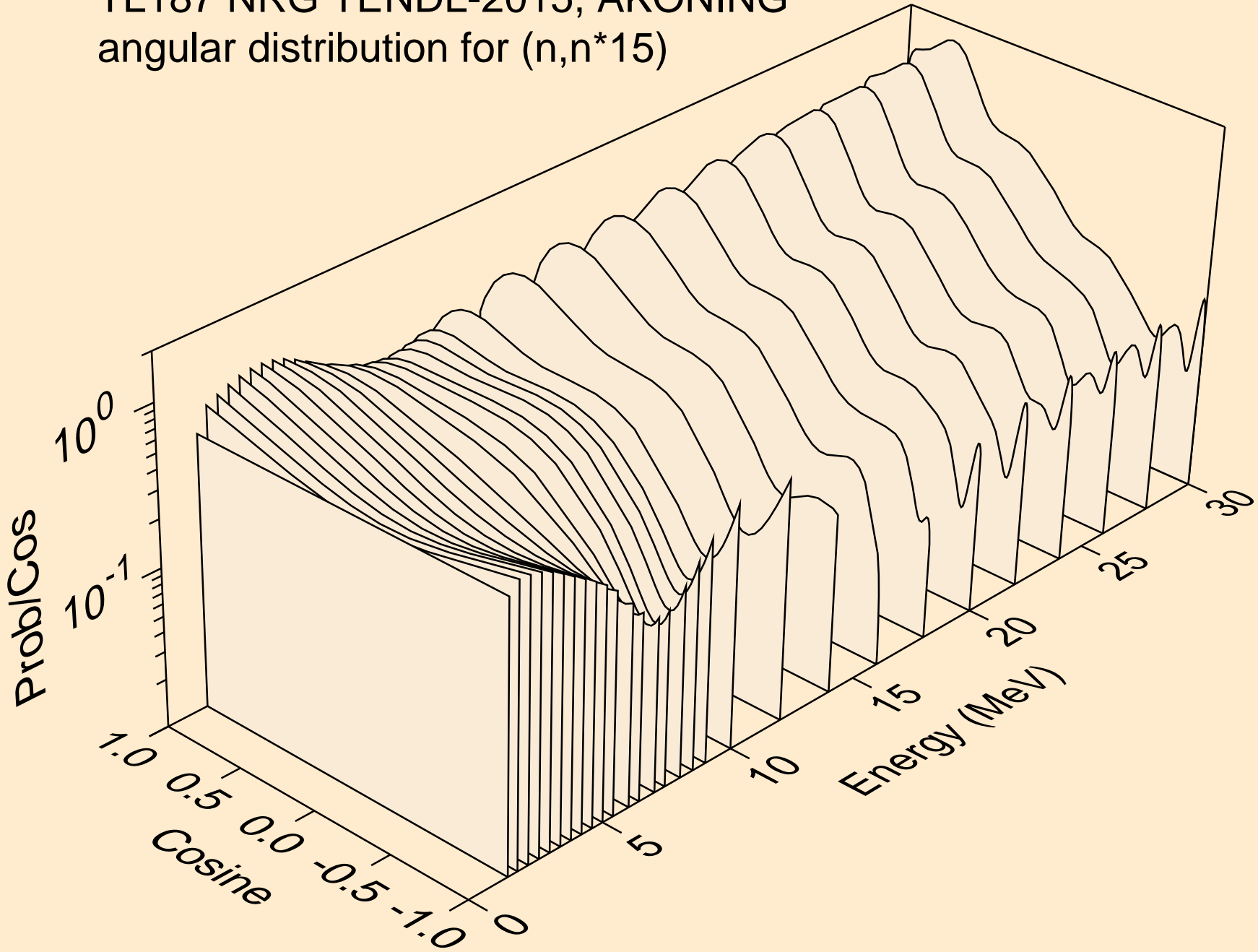




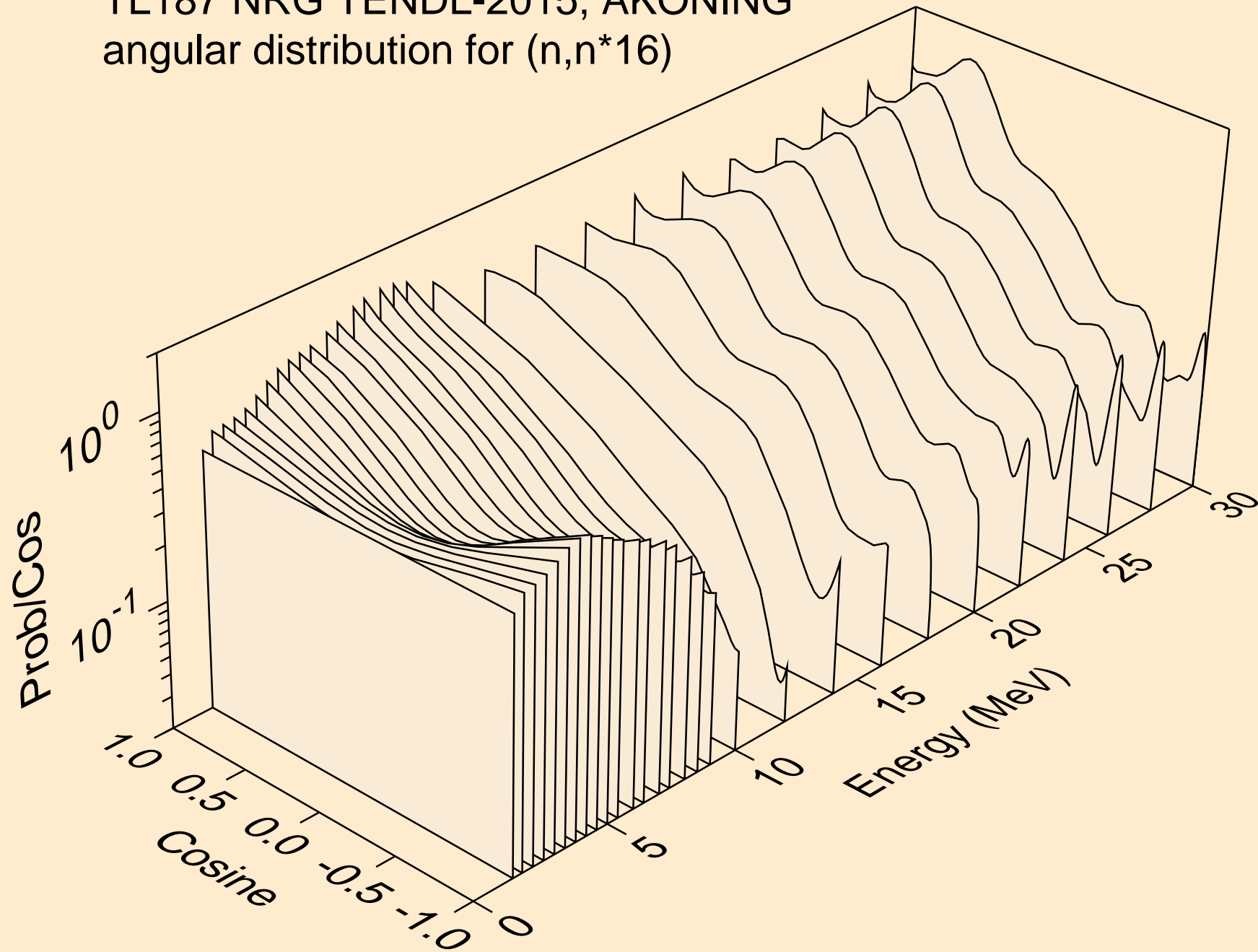
TL187 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



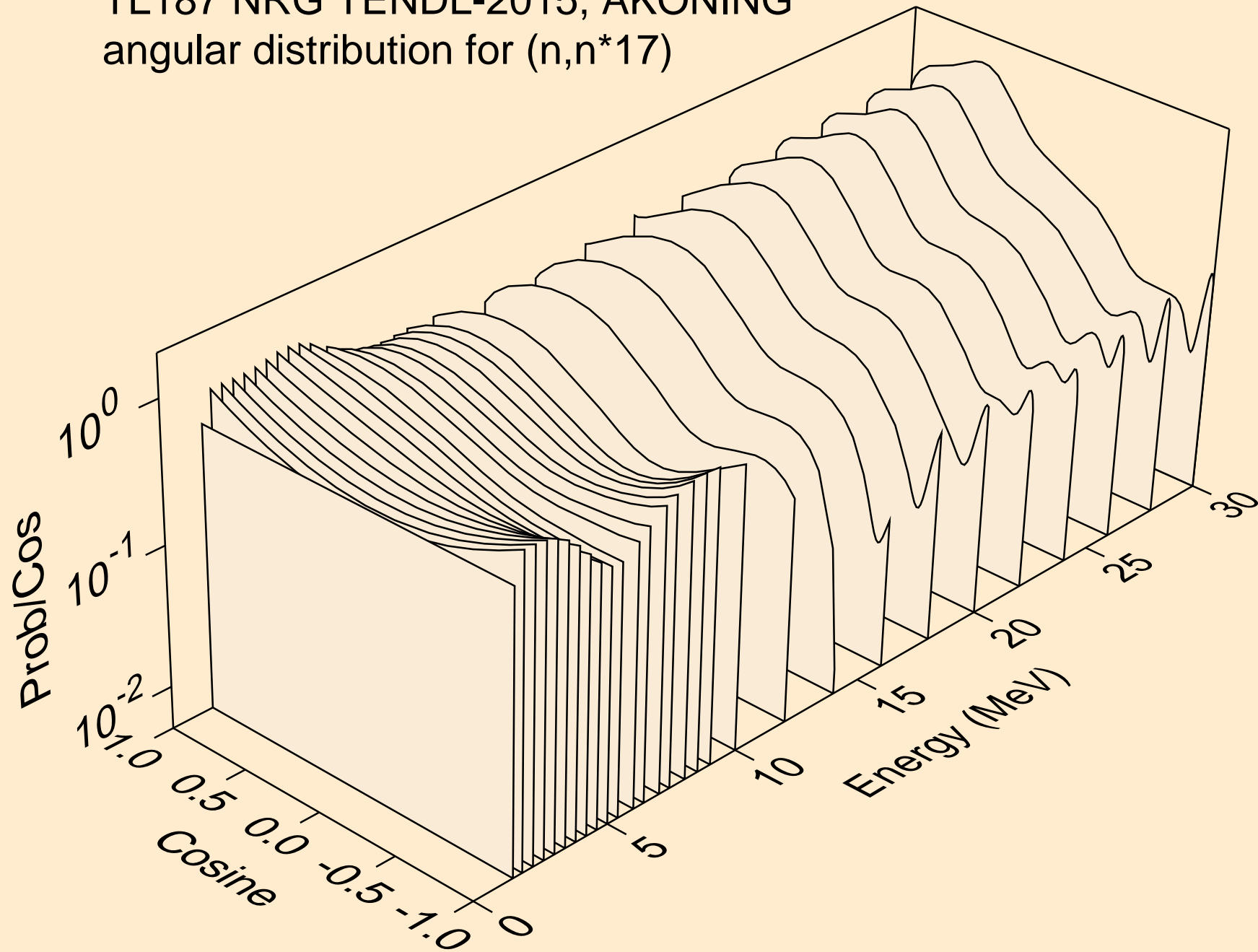
TL187 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



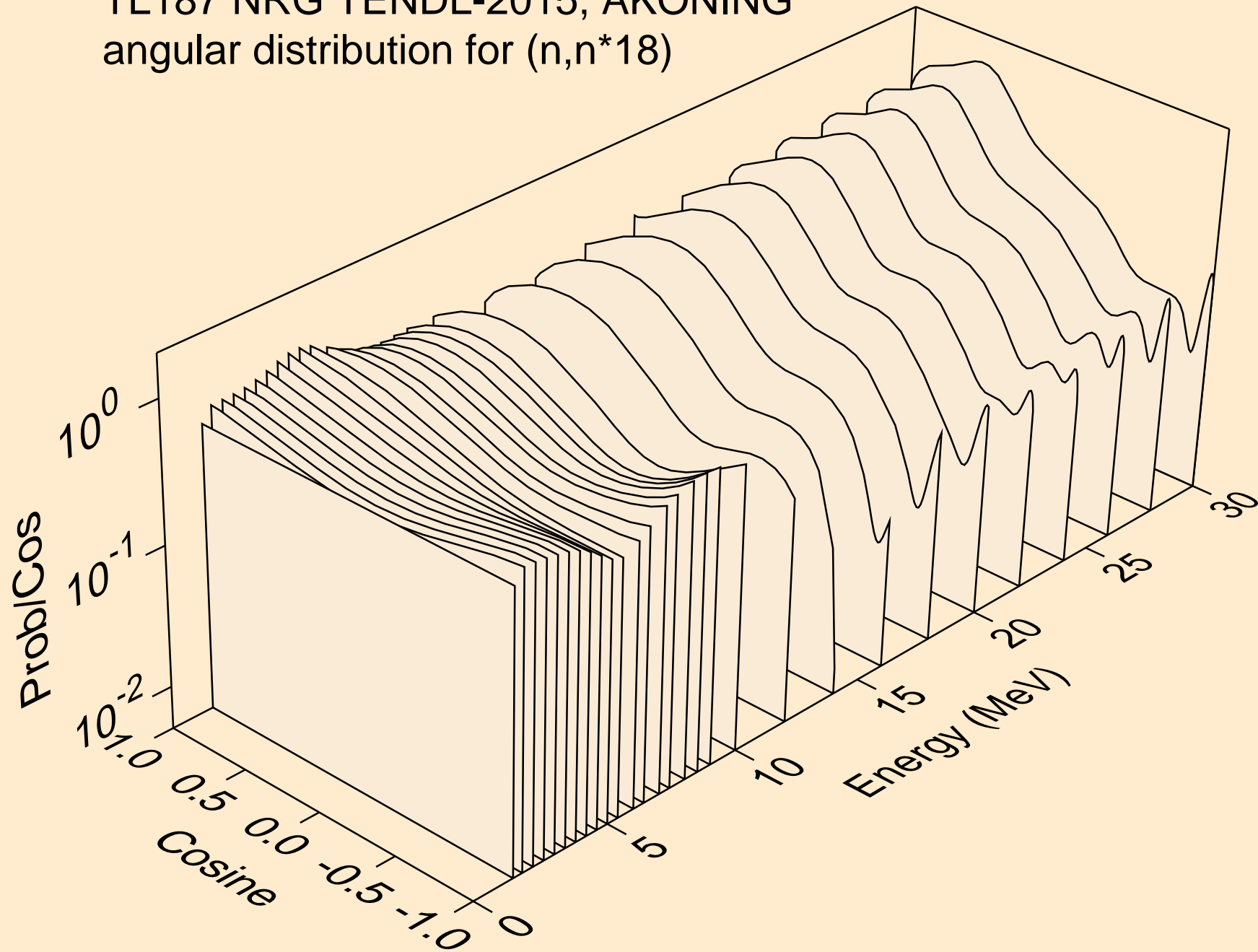
TL187 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



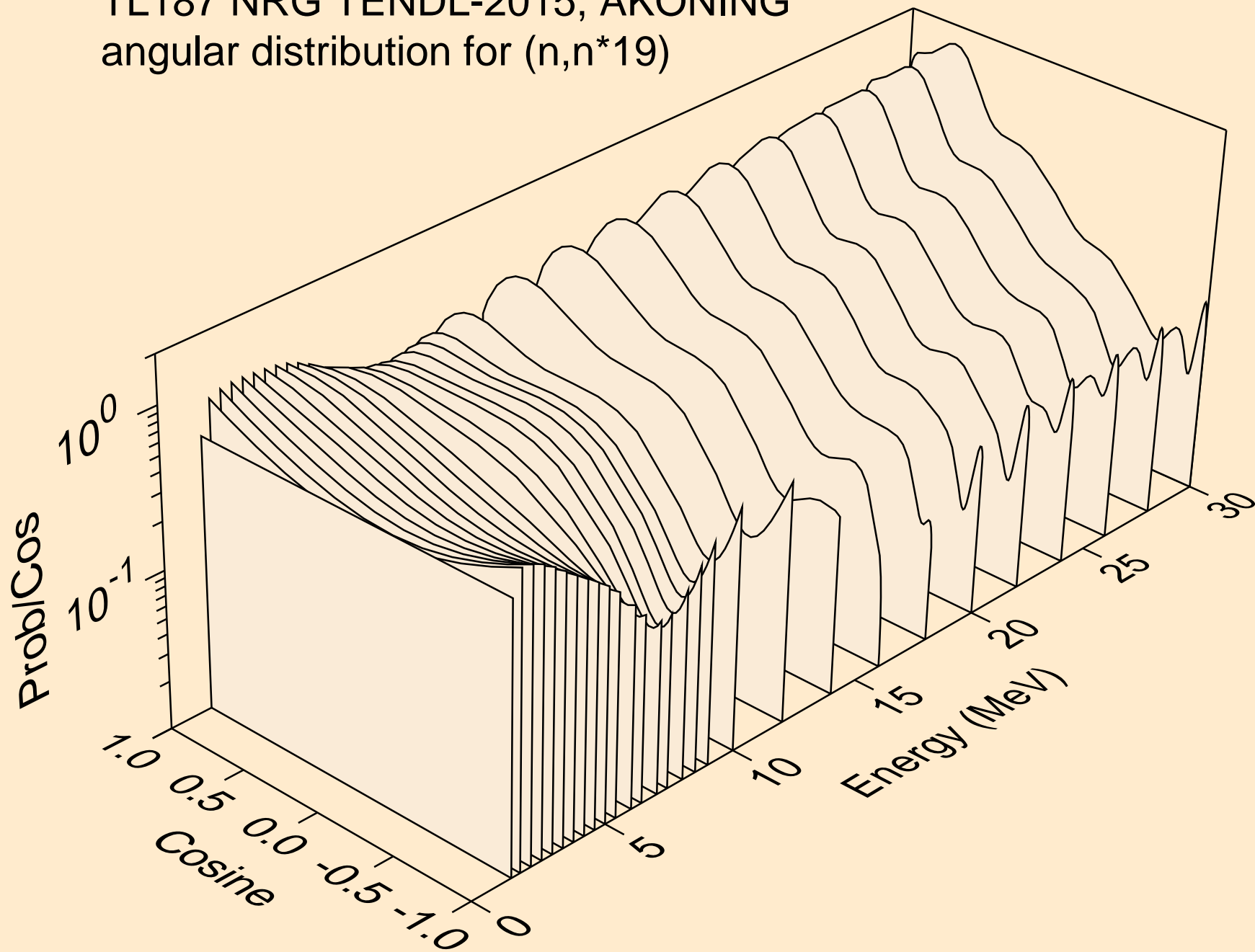
TL187 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



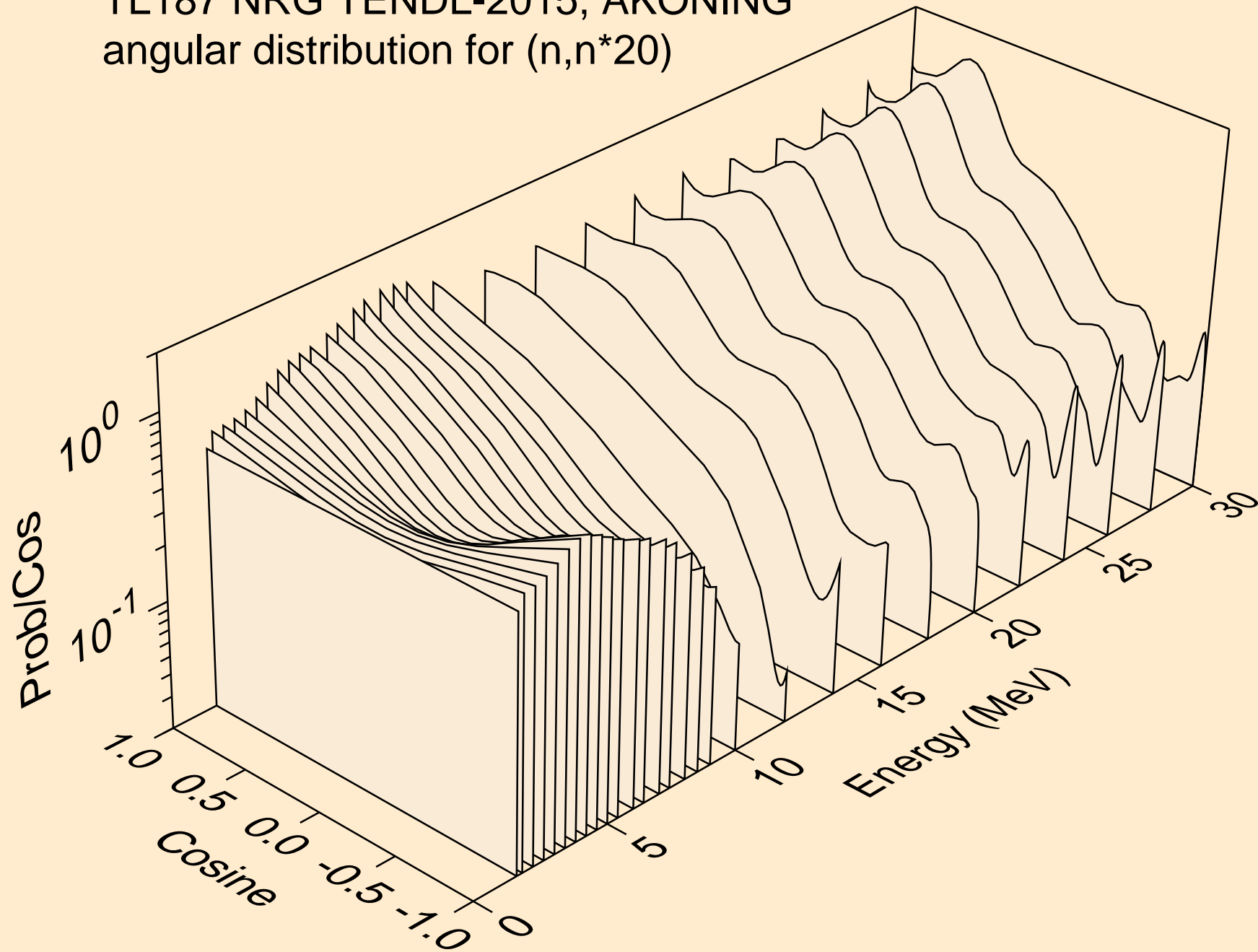
TL187 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



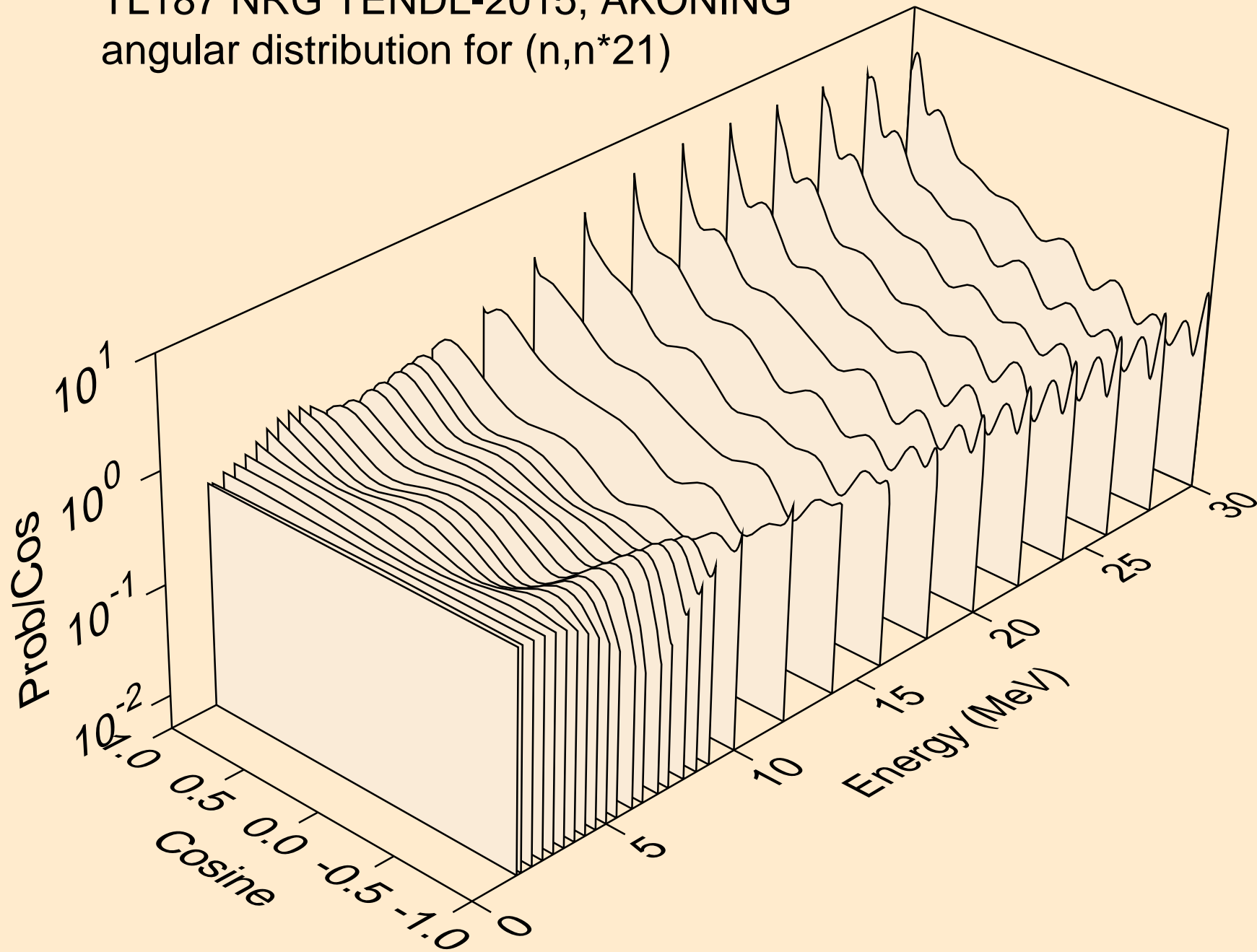
TL187 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



TL187 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)

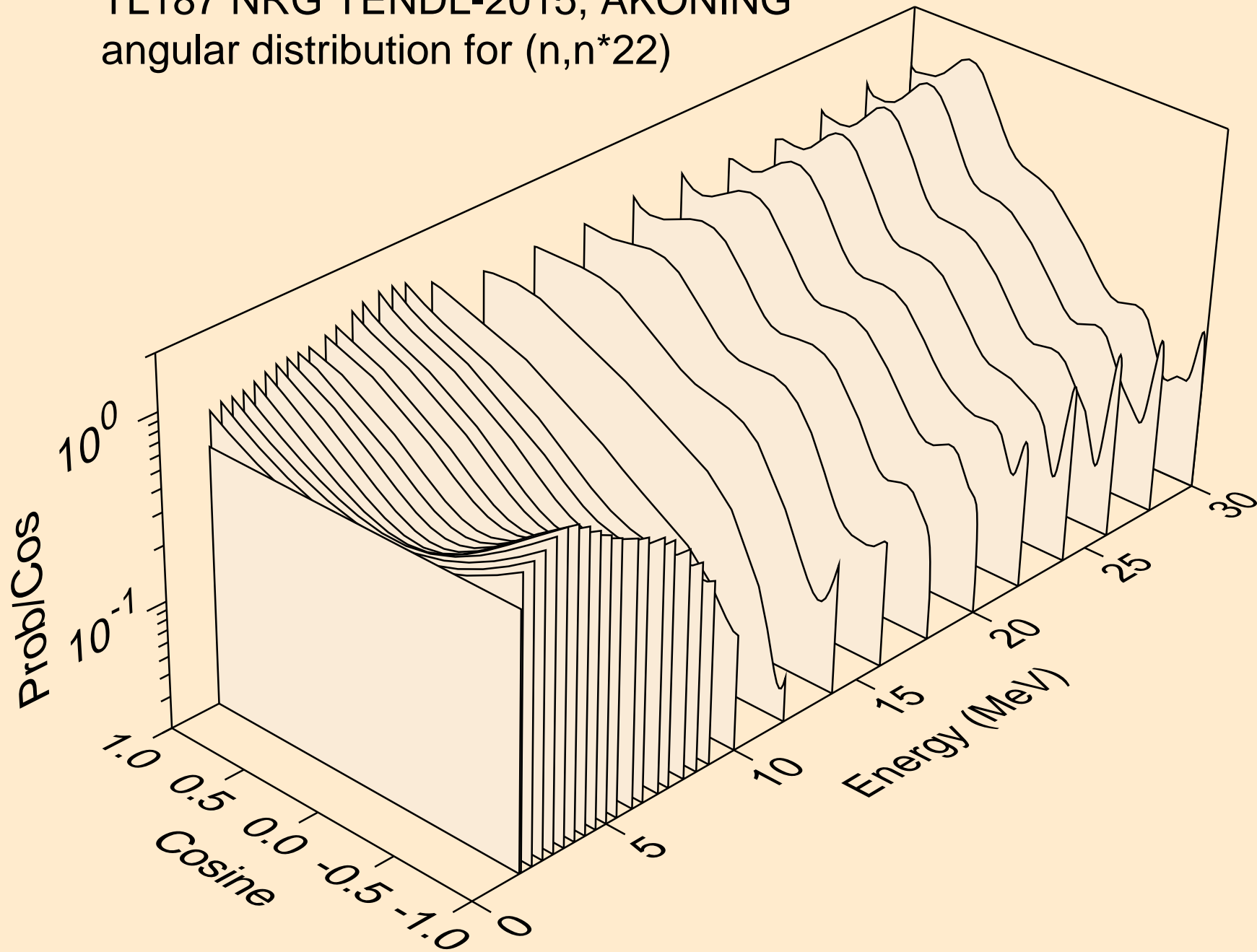


TL187 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

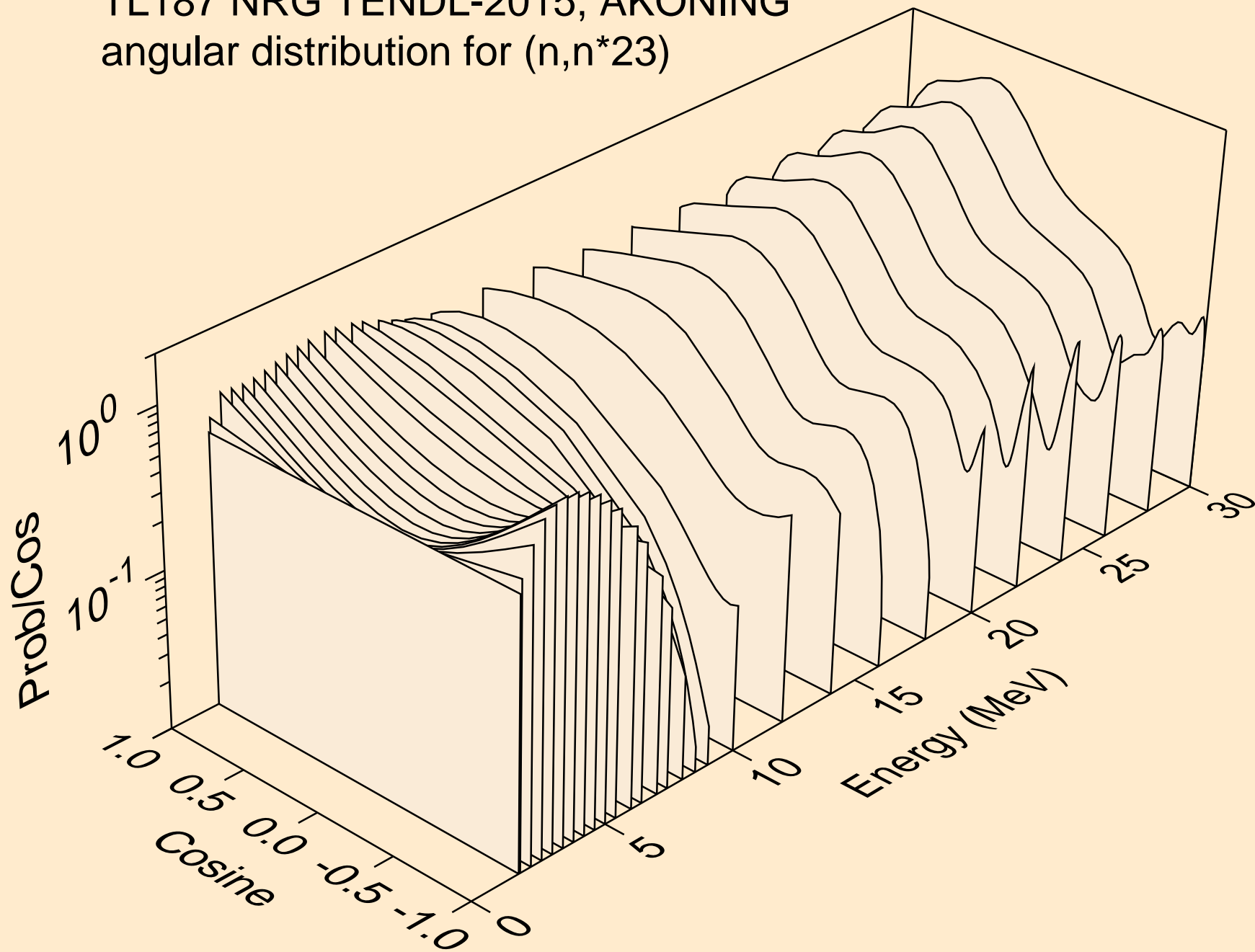




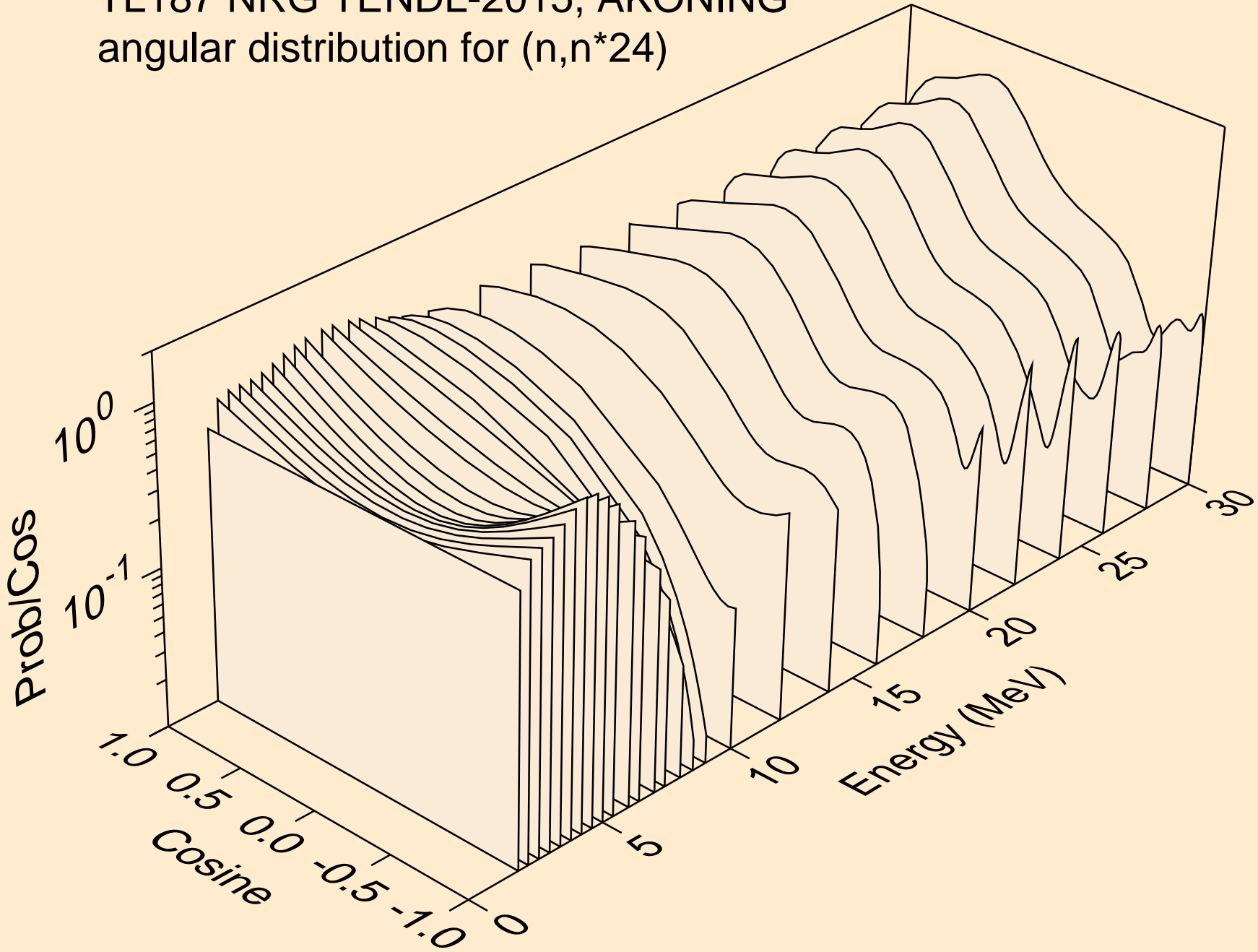
TL187 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



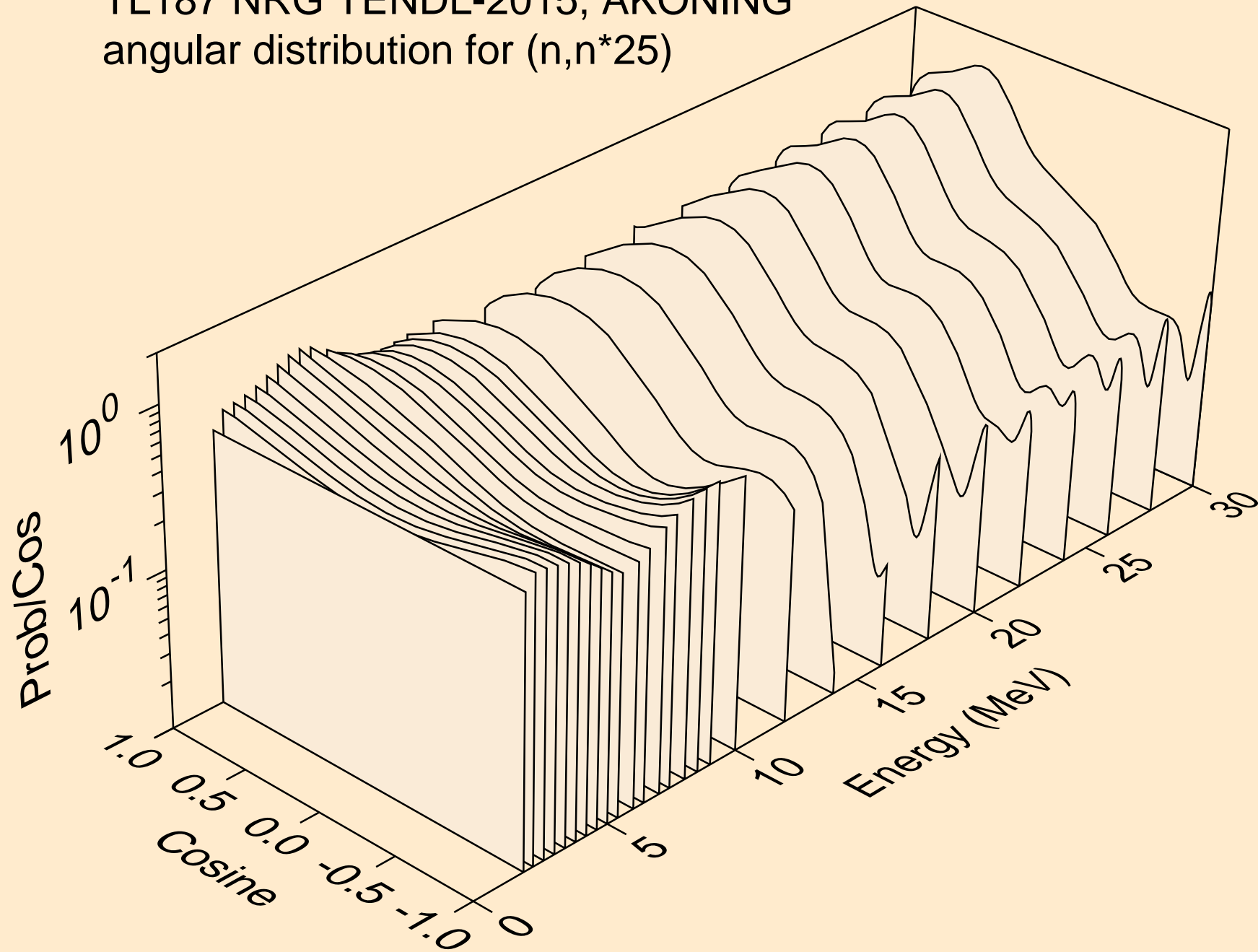
TL187 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



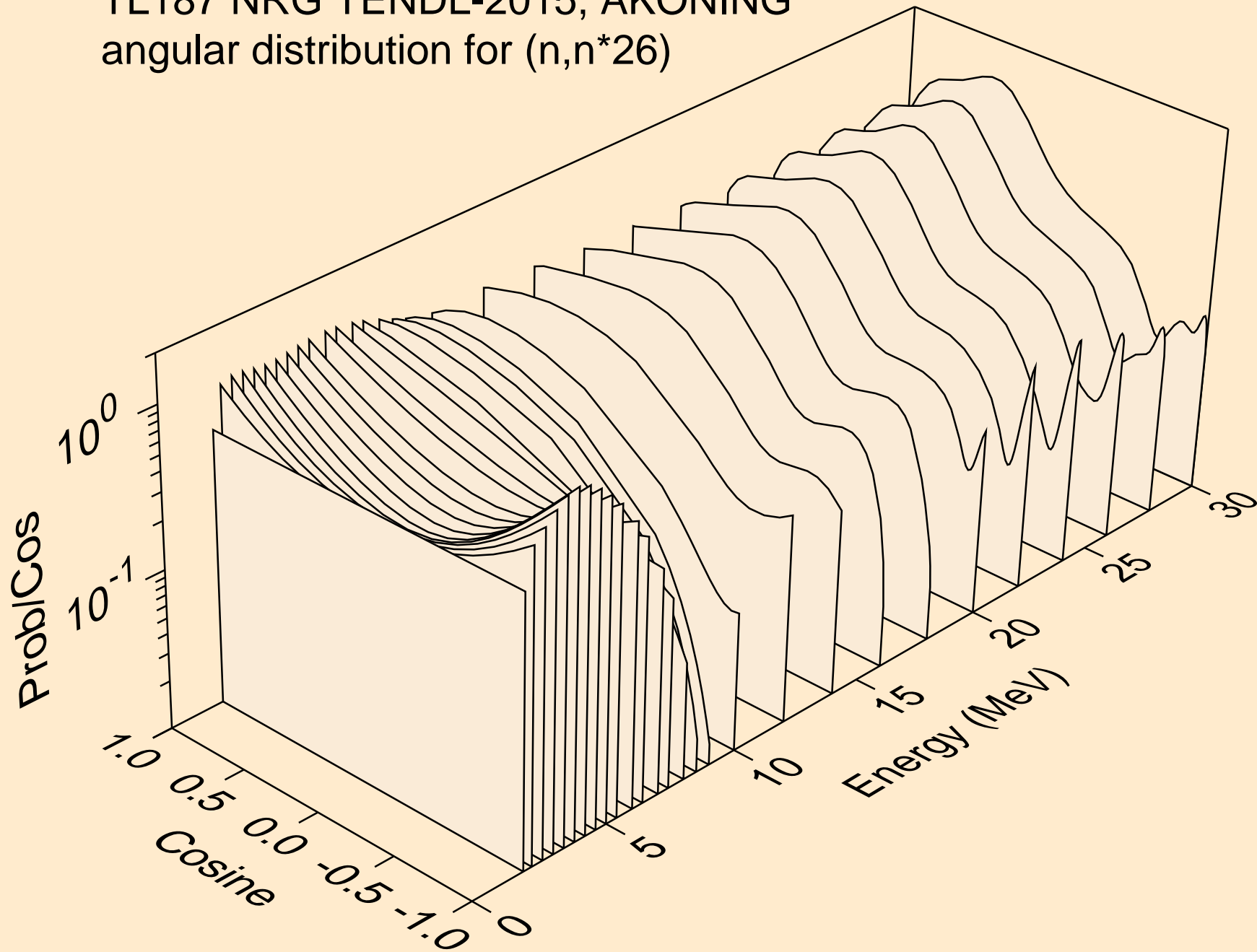
TL187 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



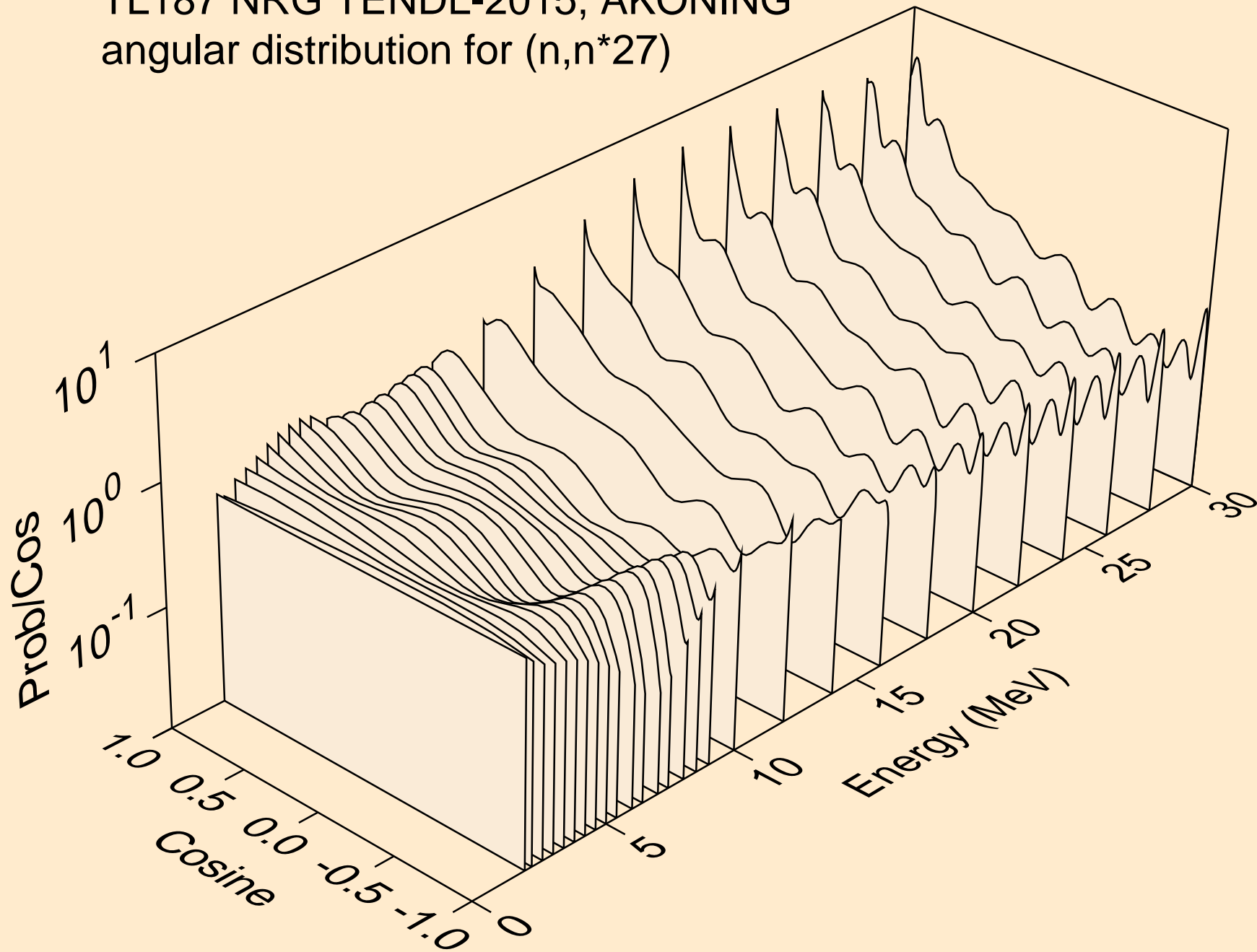
TL187 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



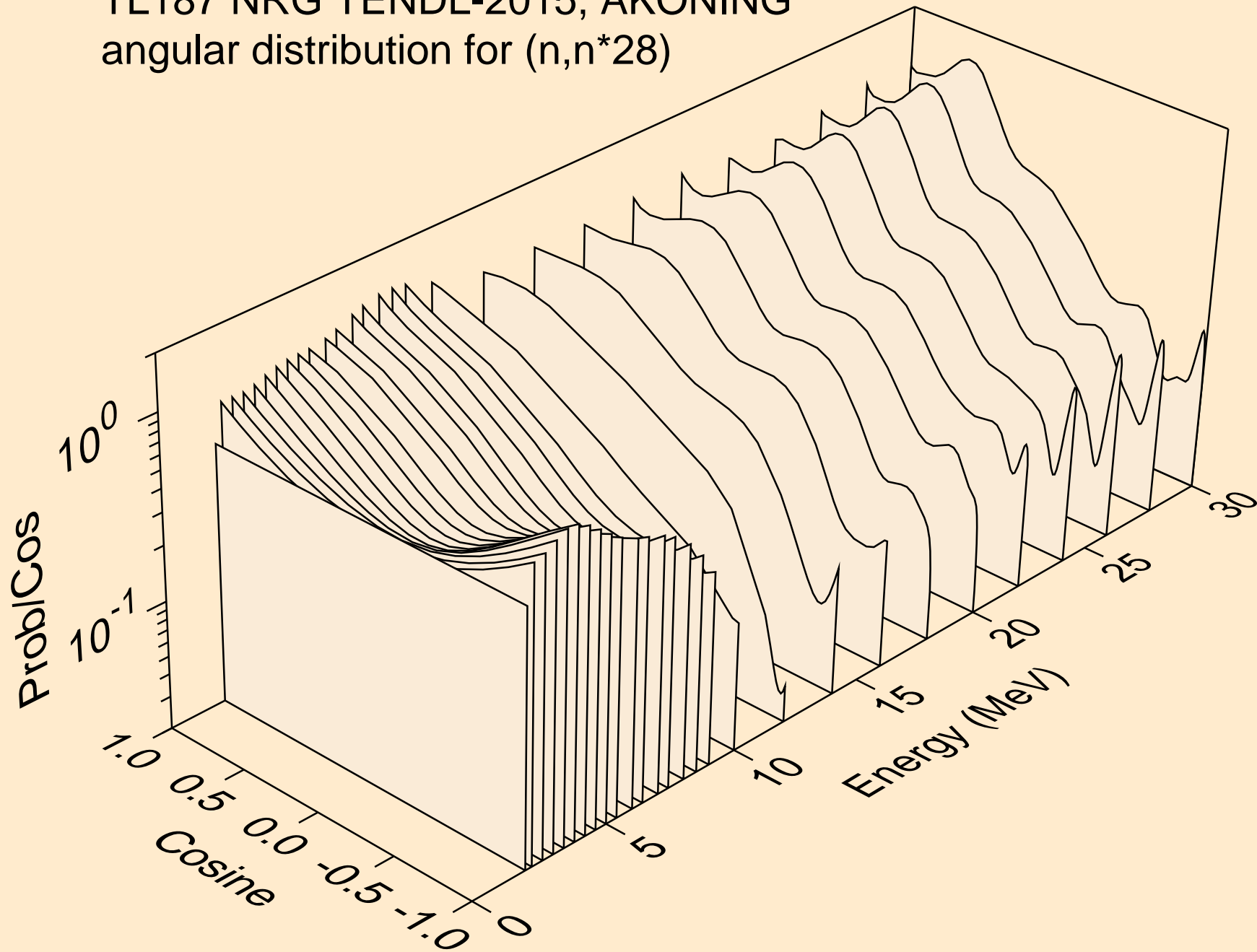
TL187 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



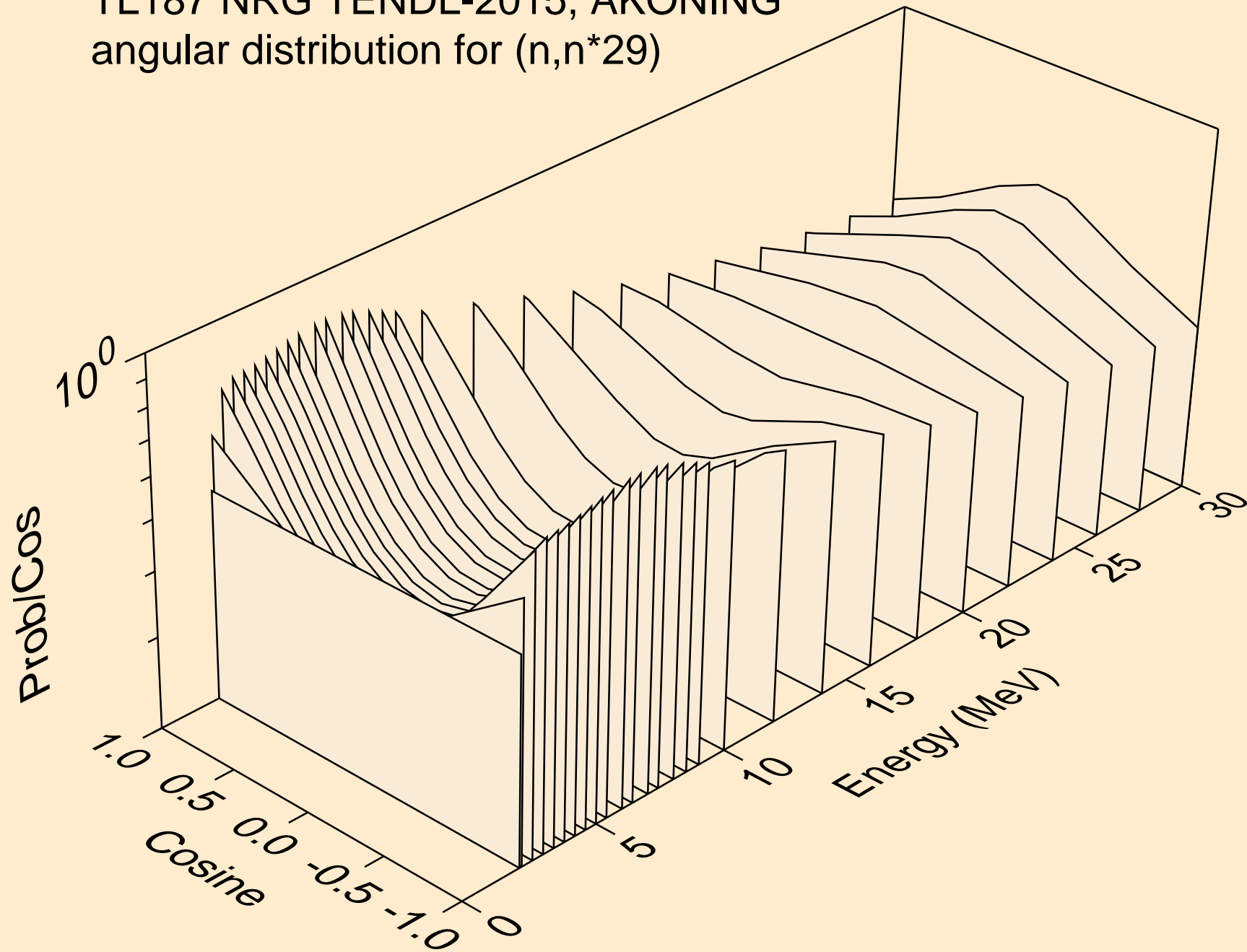
TL187 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



TL187 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)

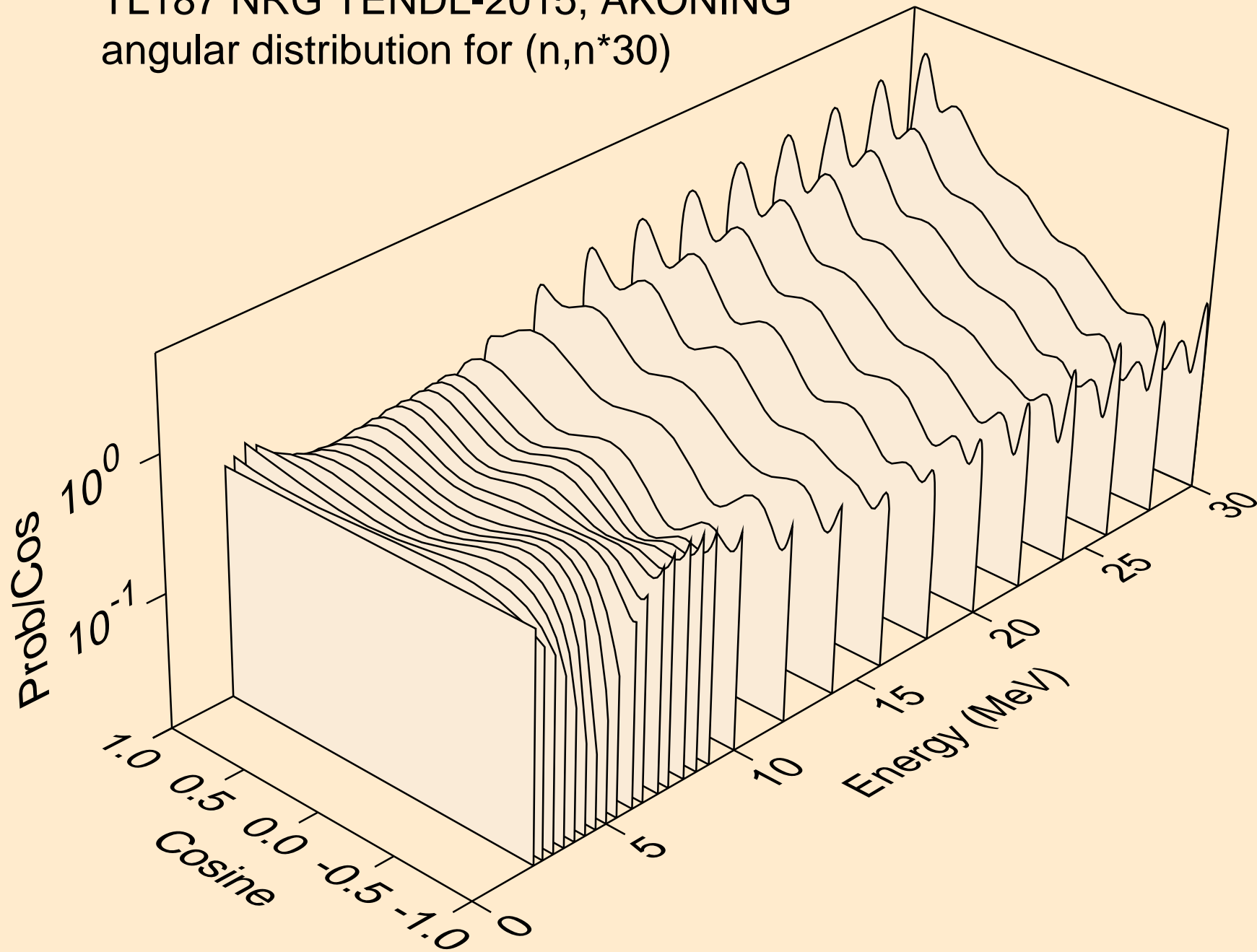


TL187 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

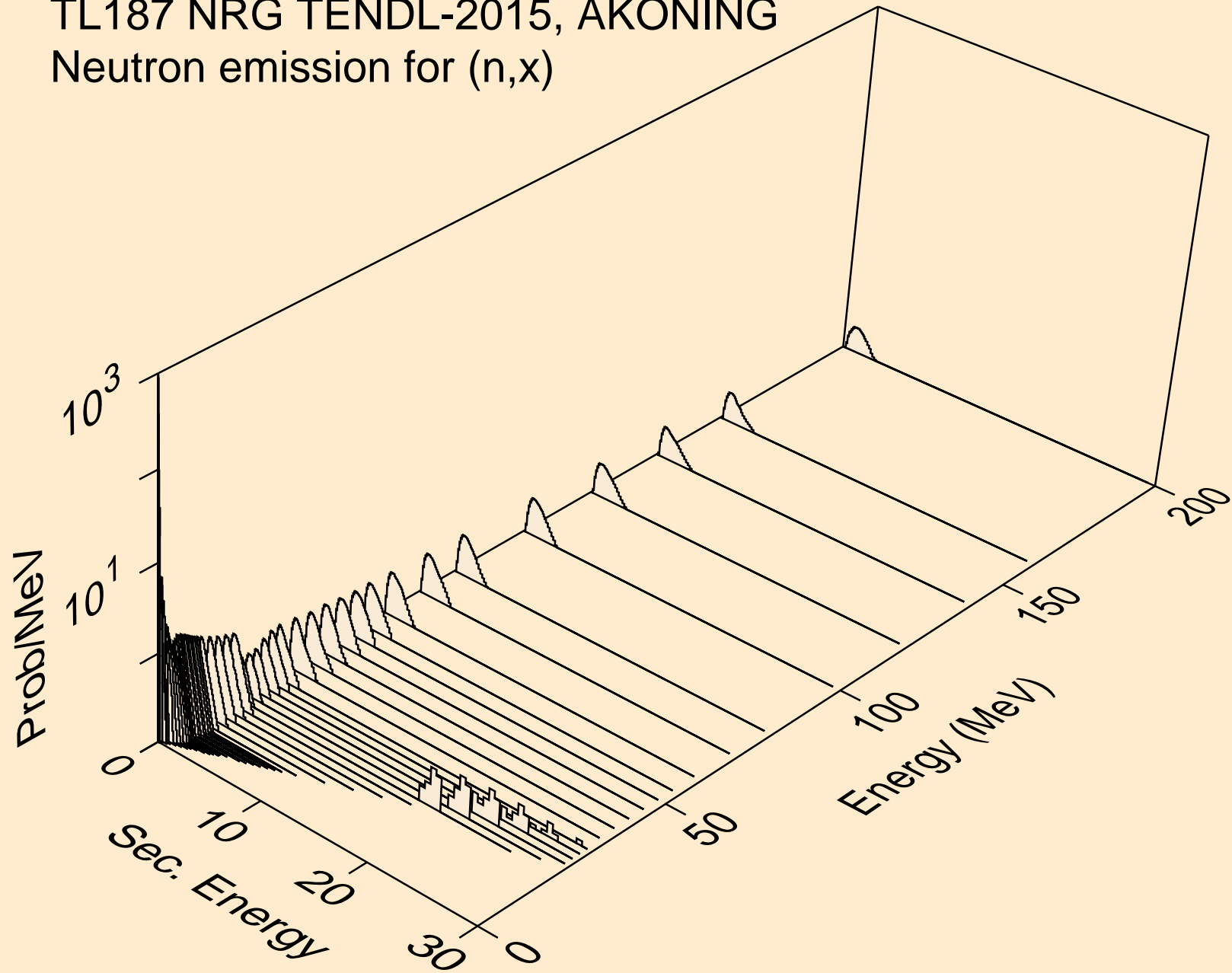




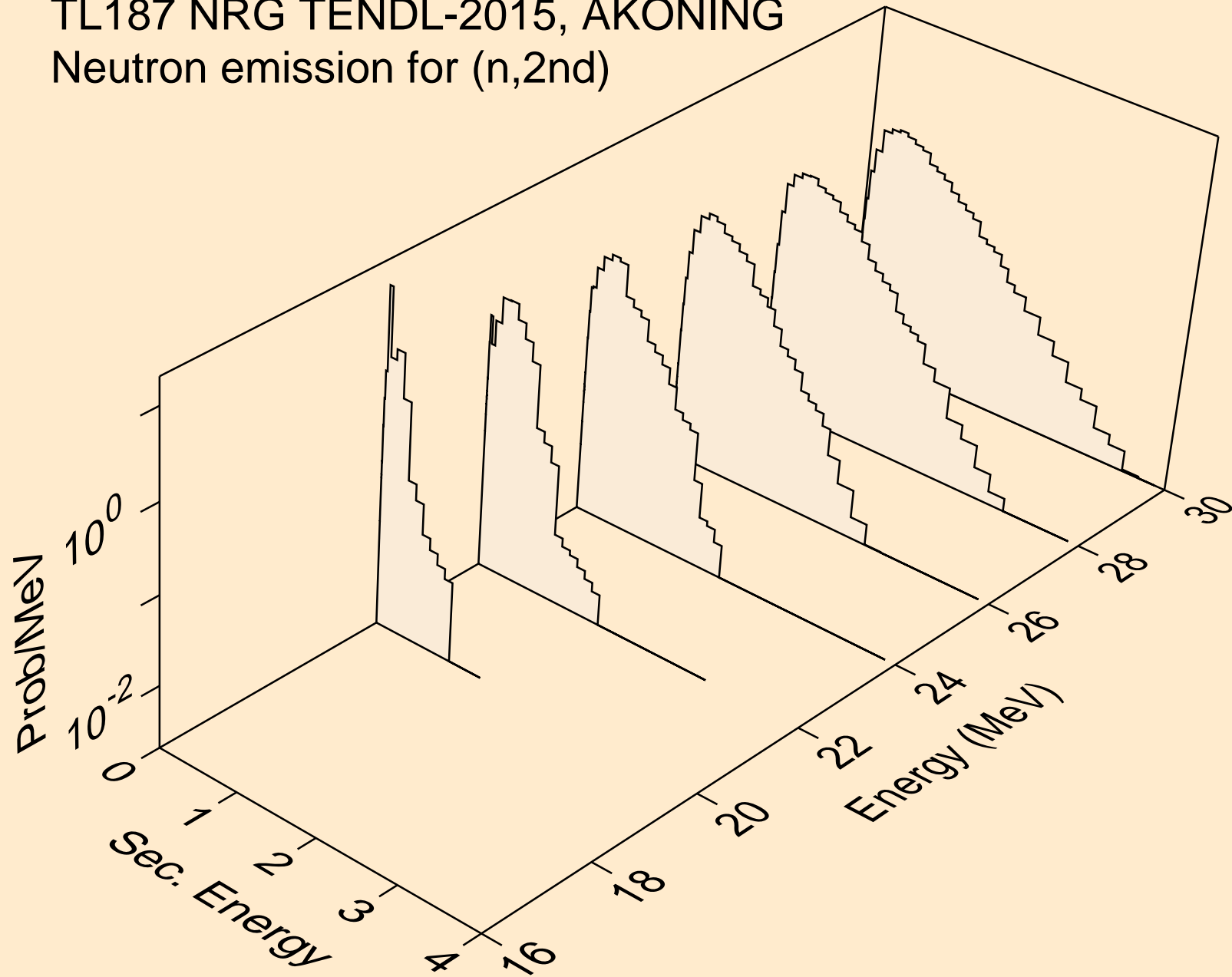
TL187 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)



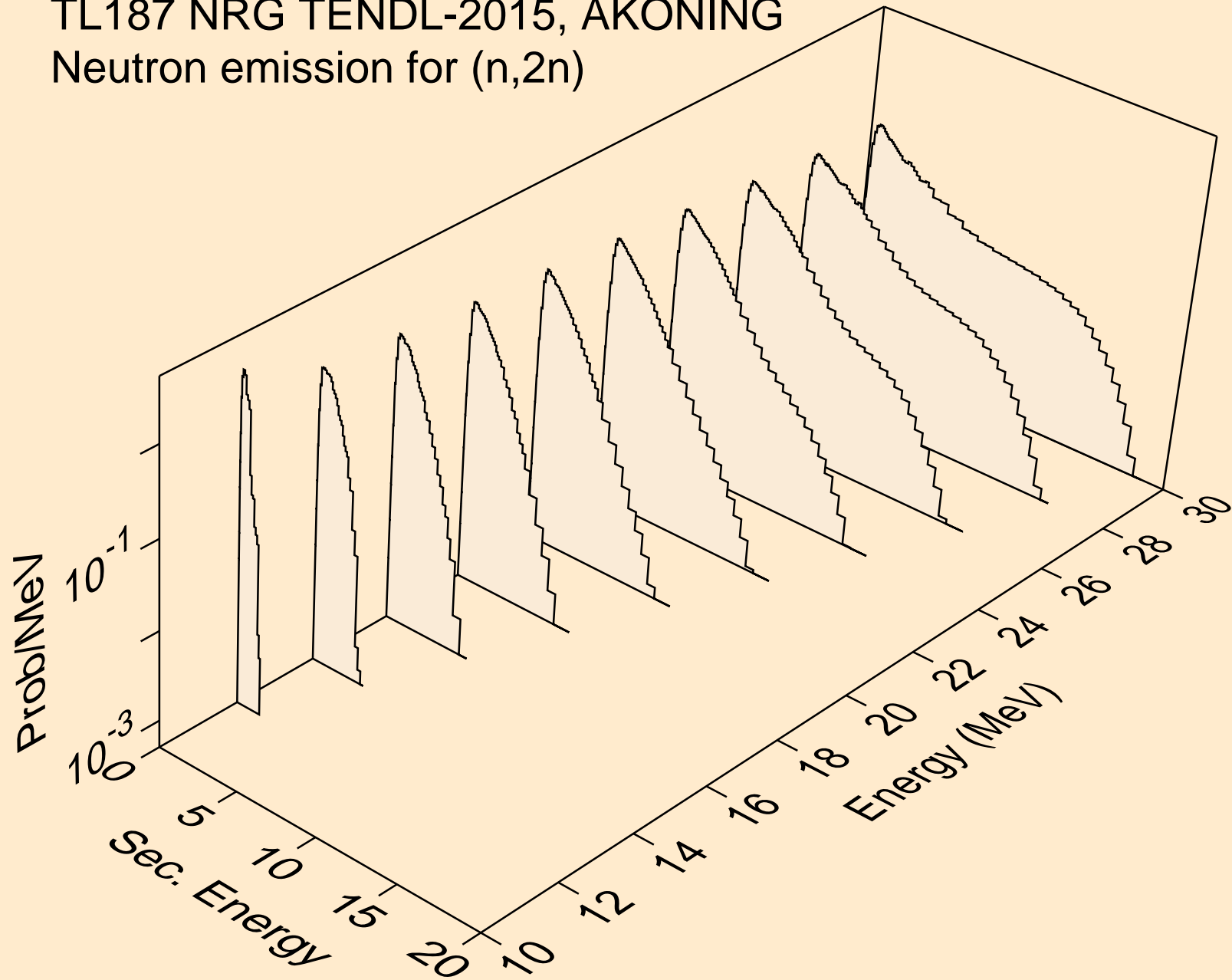
TL187 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



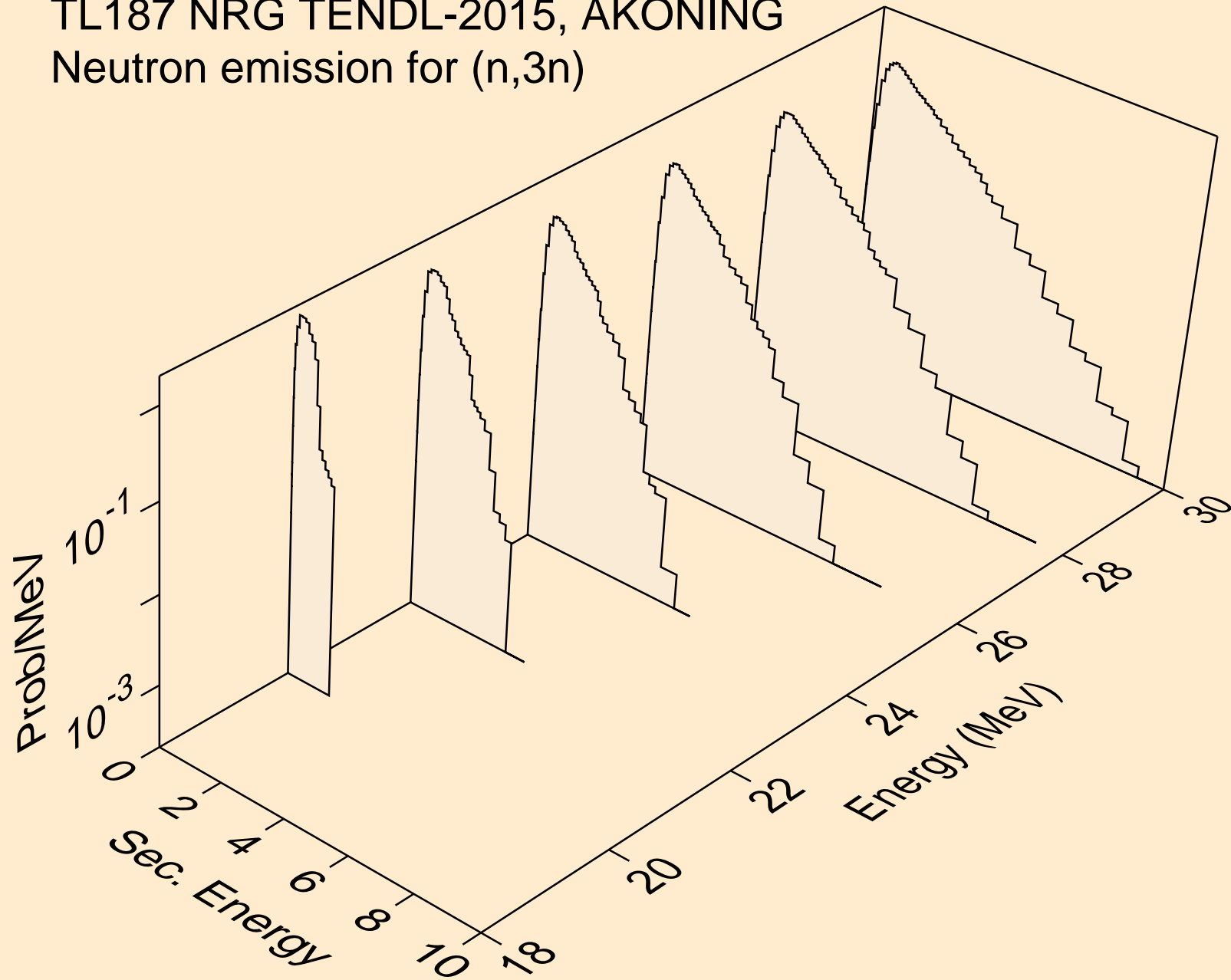
TL187 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



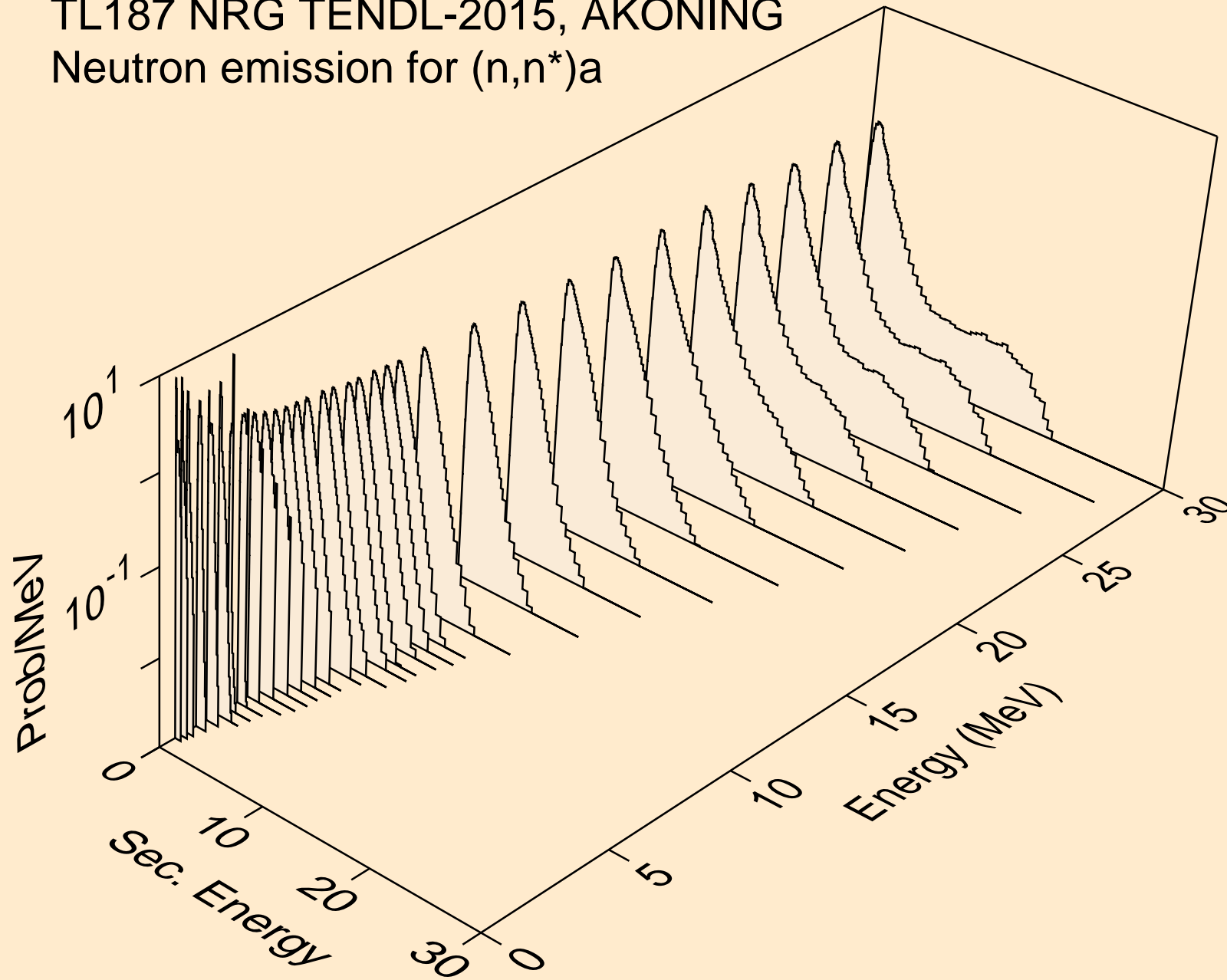
TL187 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



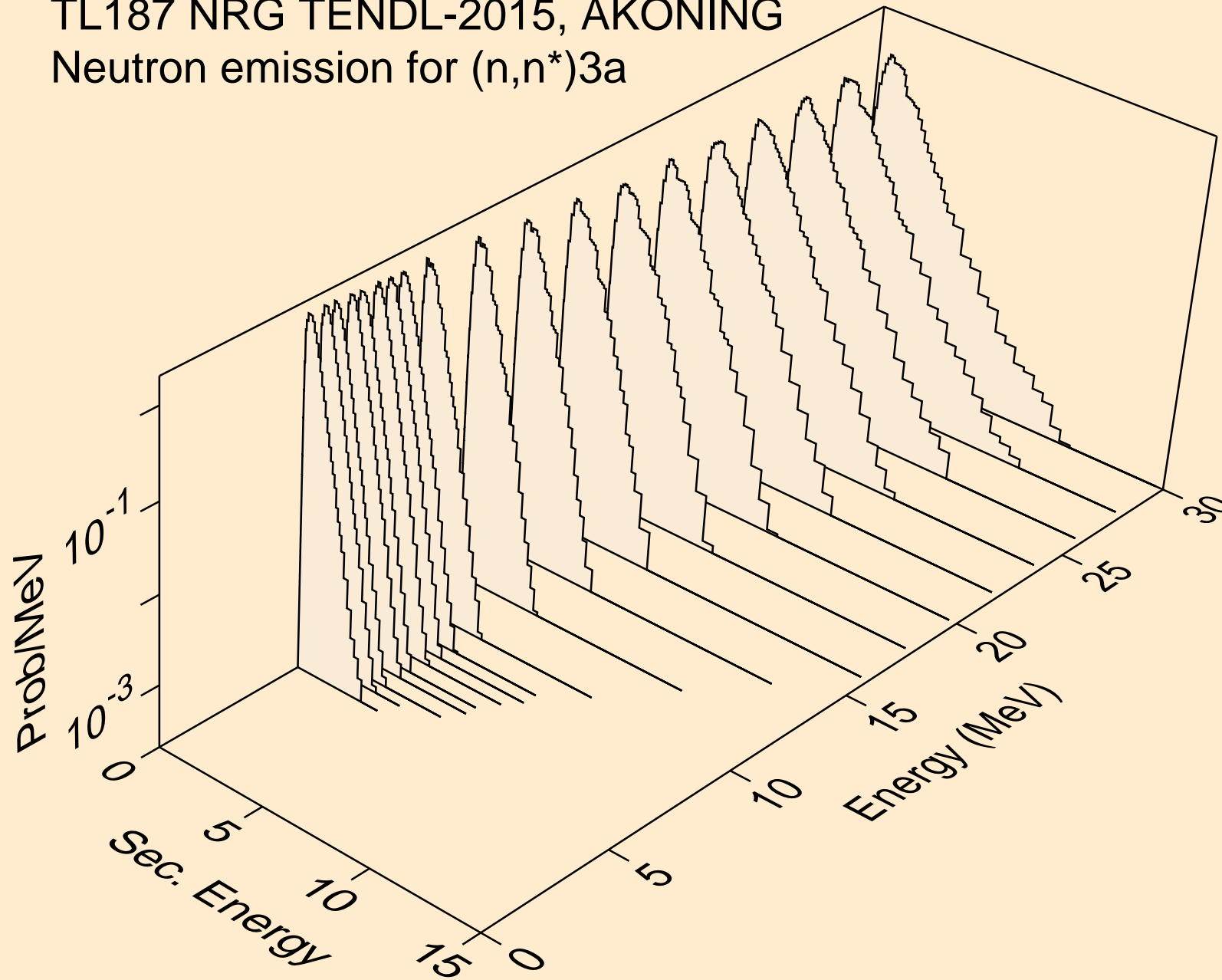
TL187 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



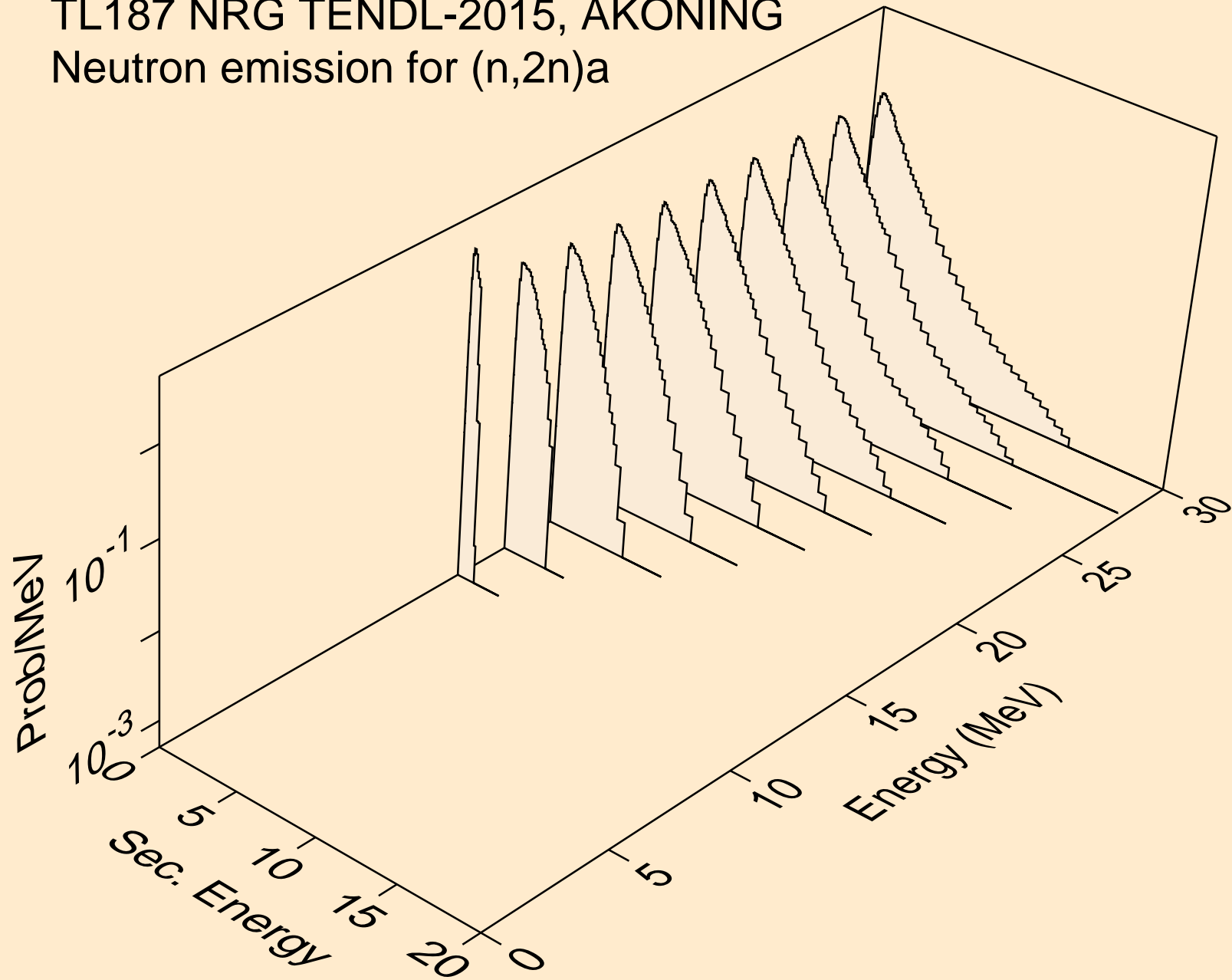
TL187 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



TL187 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a

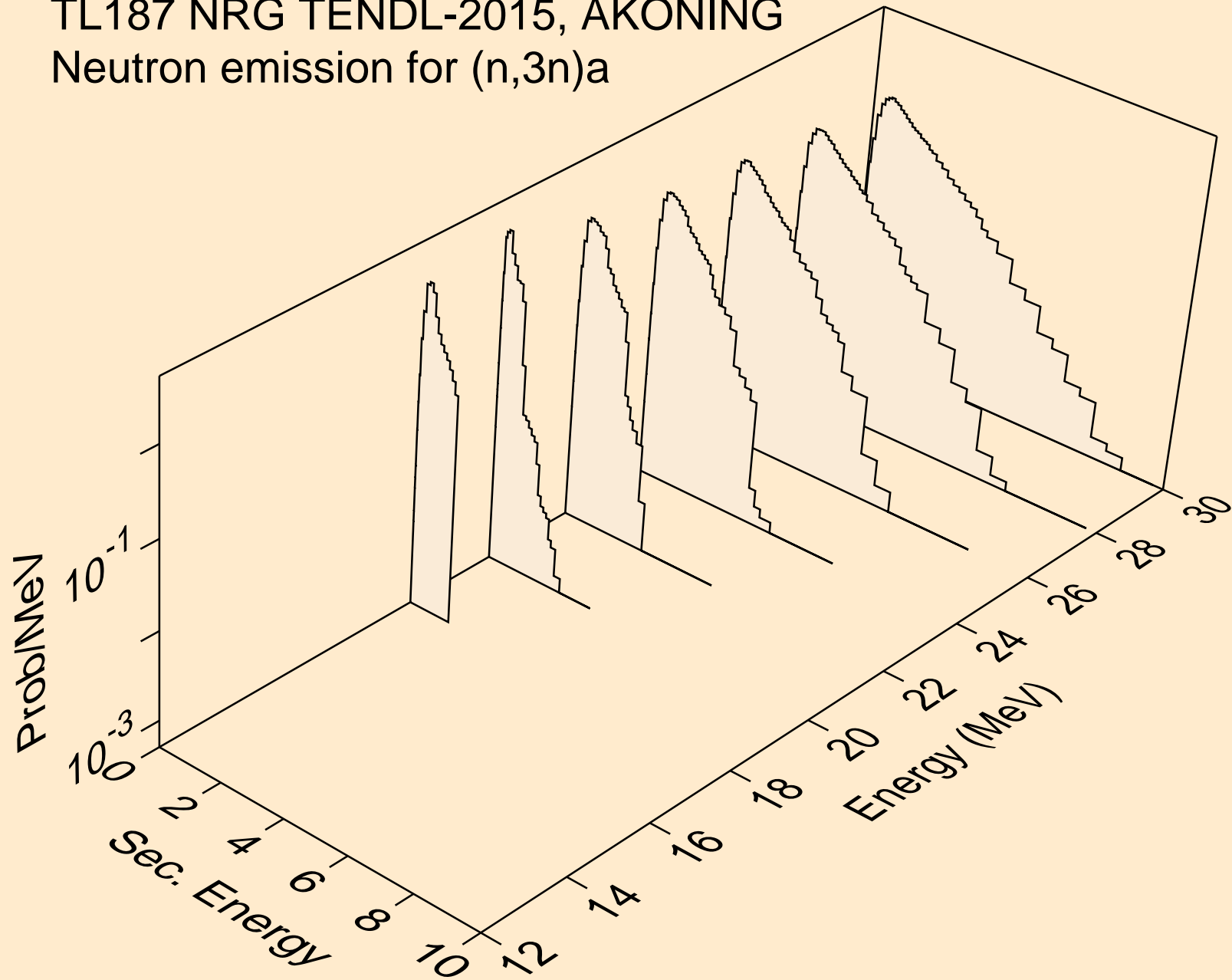


TL187 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

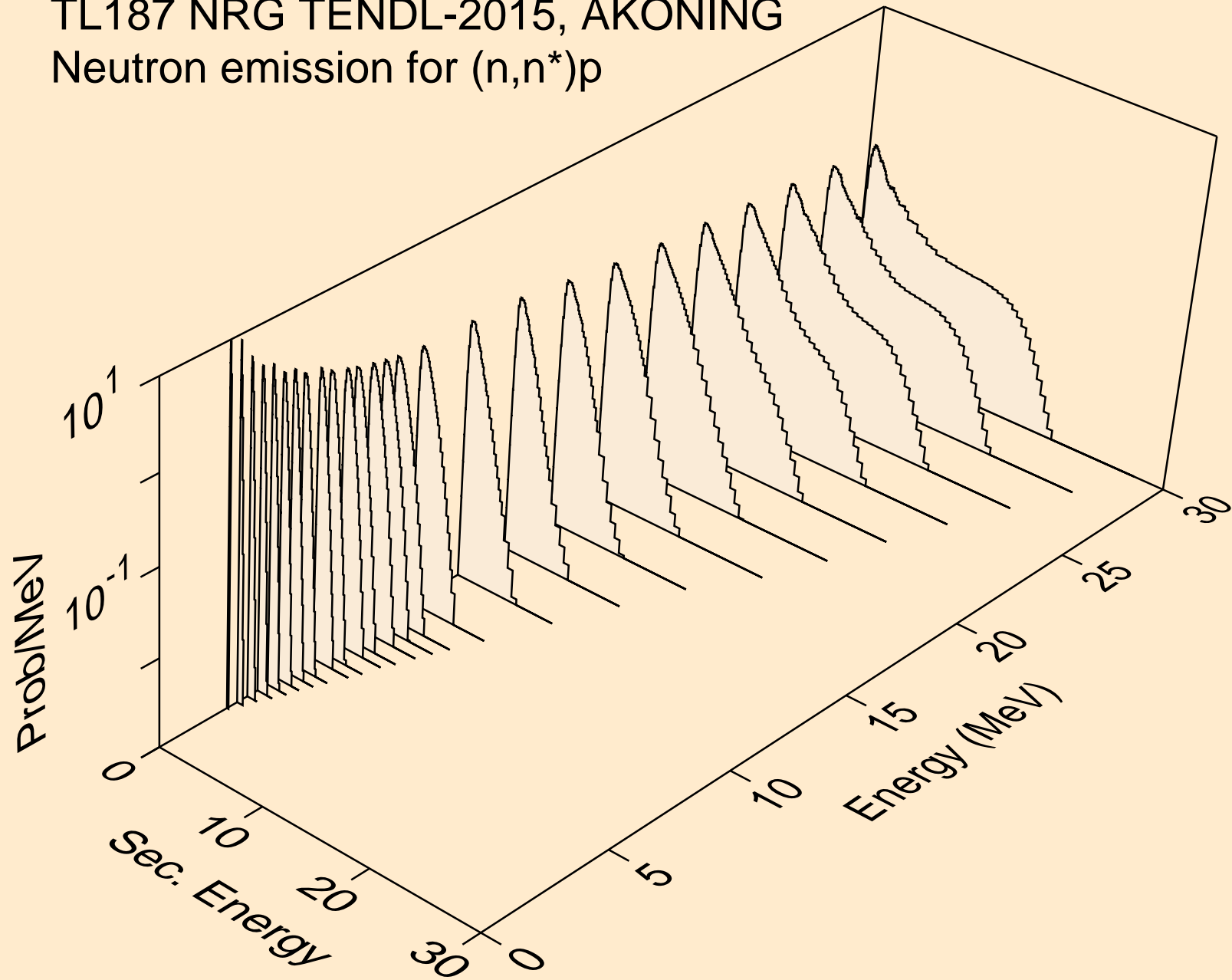




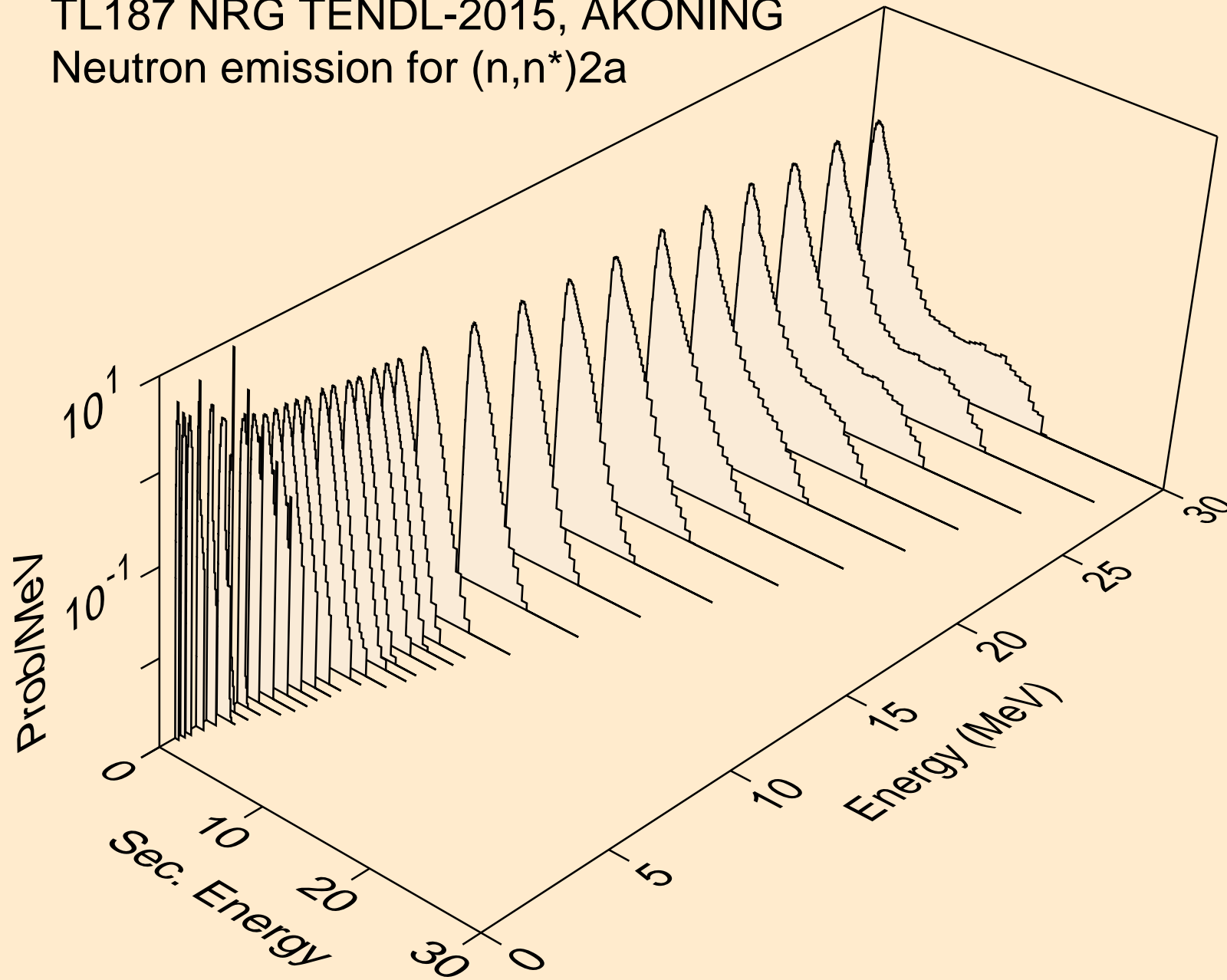
TL187 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



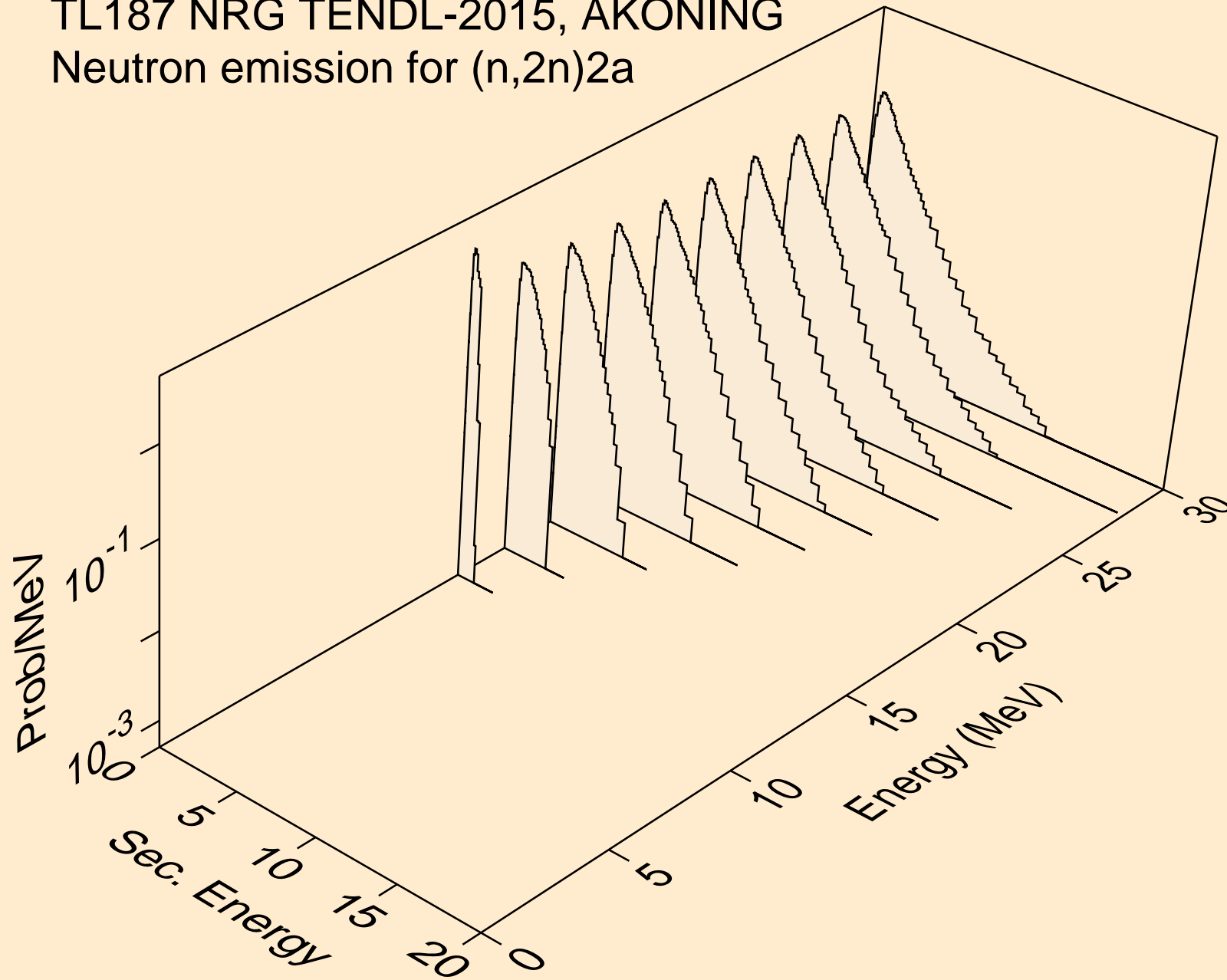
TL187 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



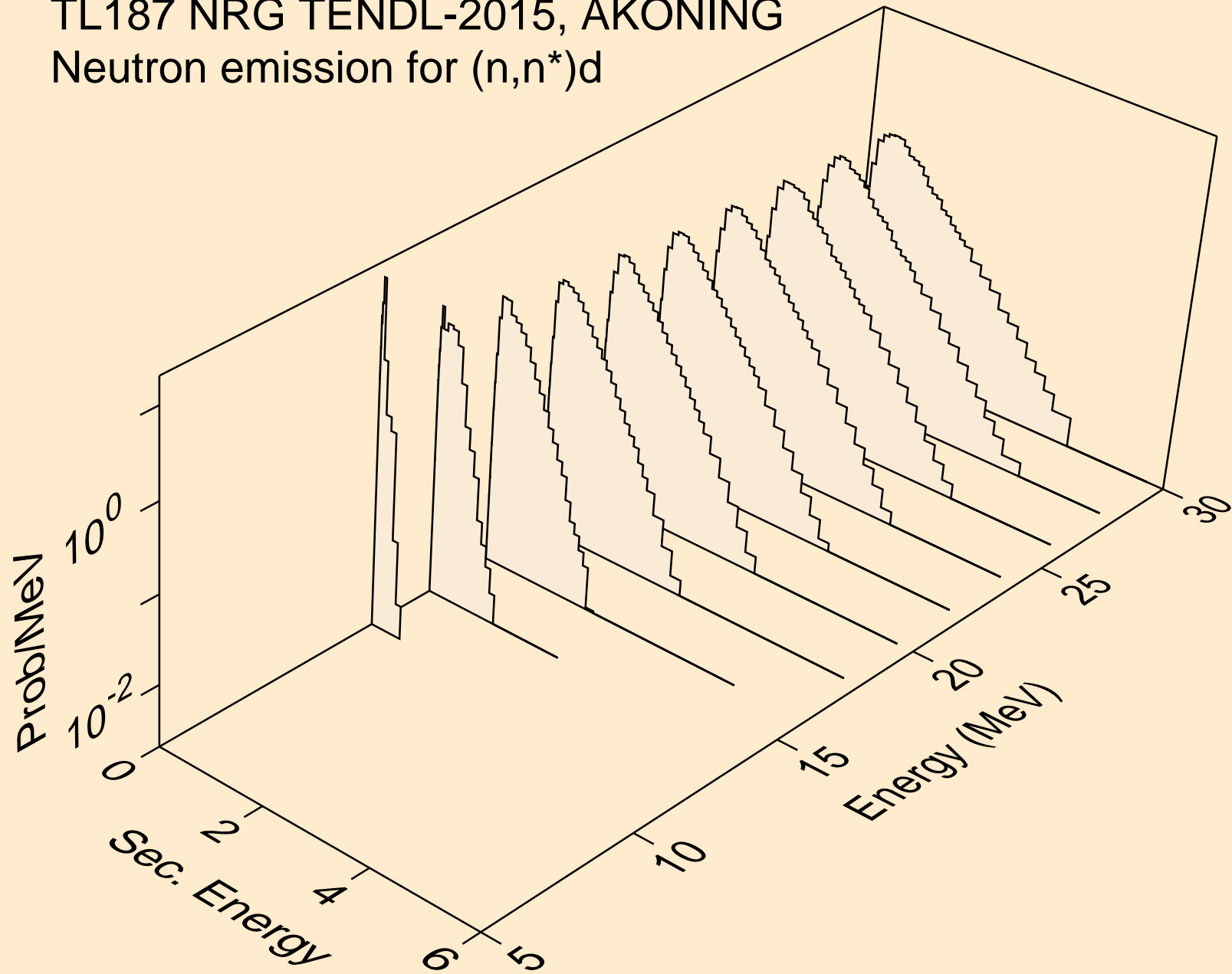
TL187 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



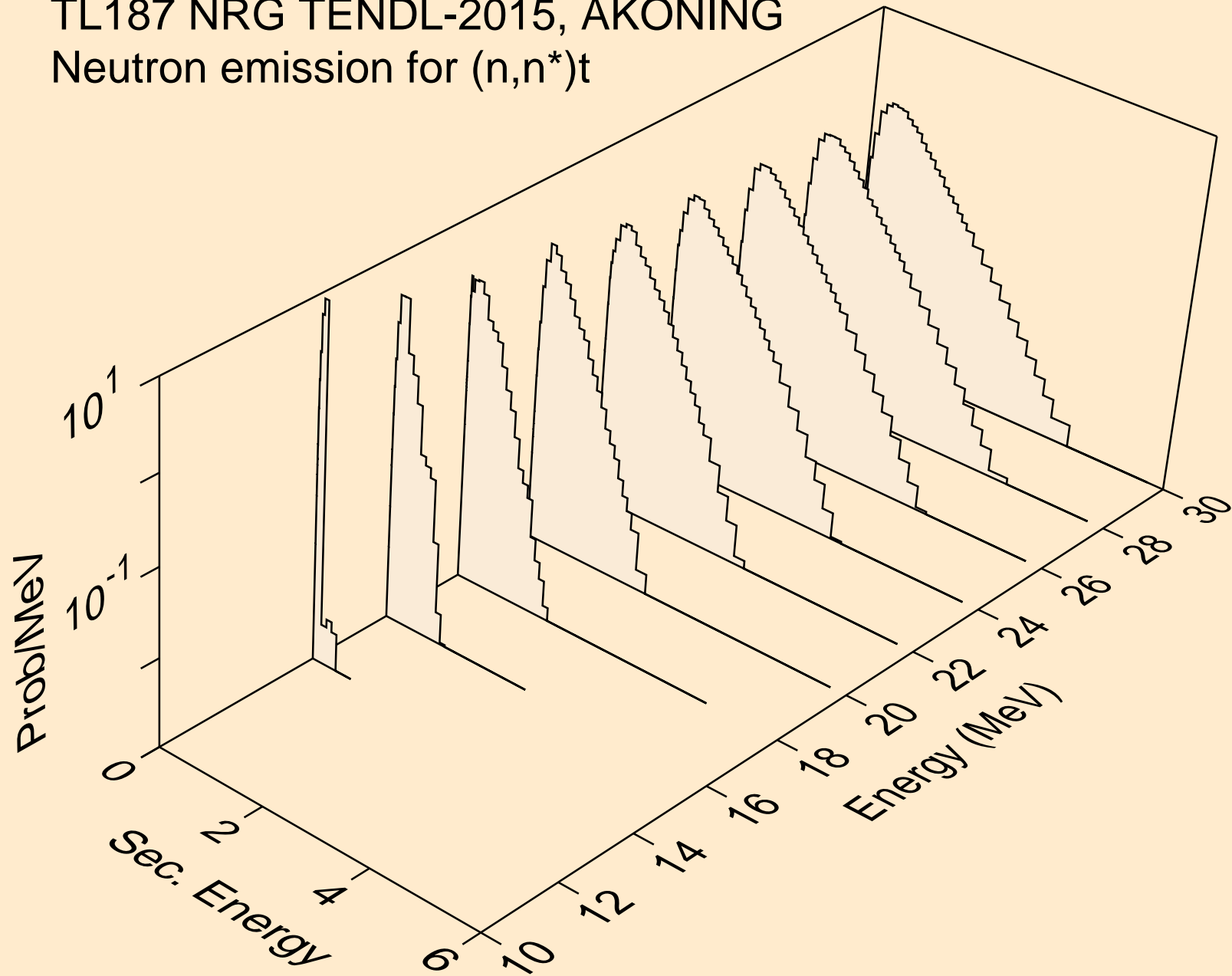
TL187 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



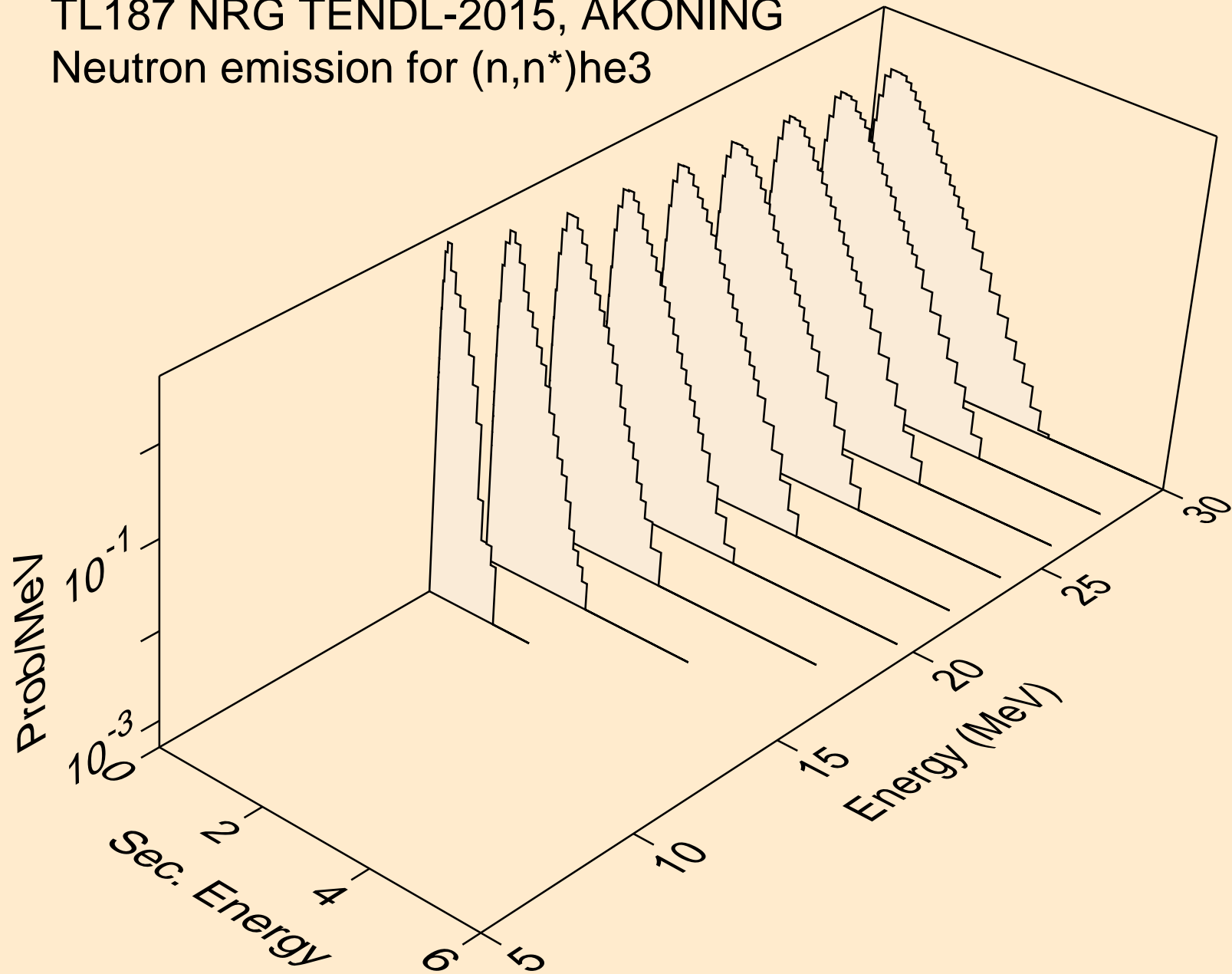
TL187 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



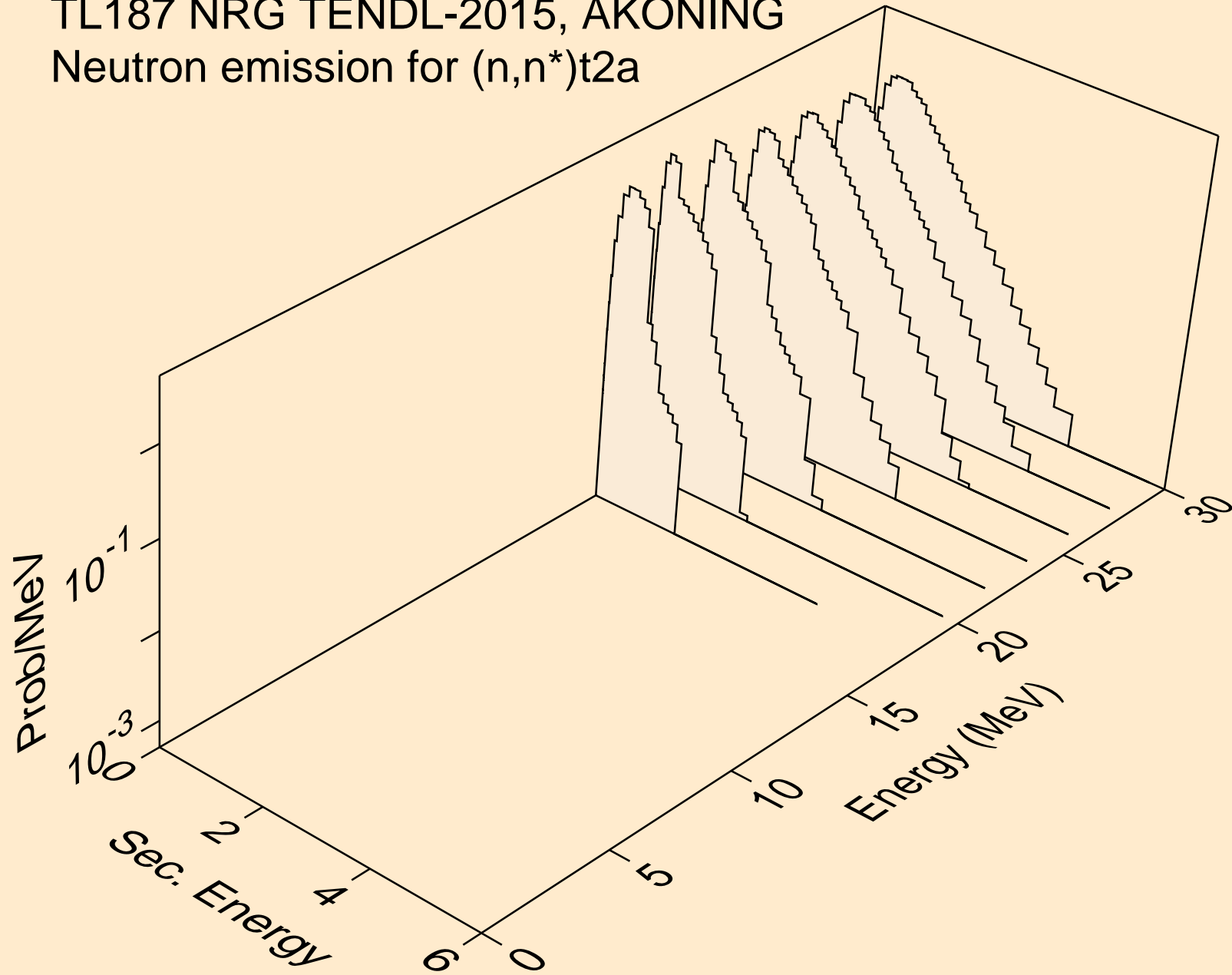
TL187 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



TL187 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

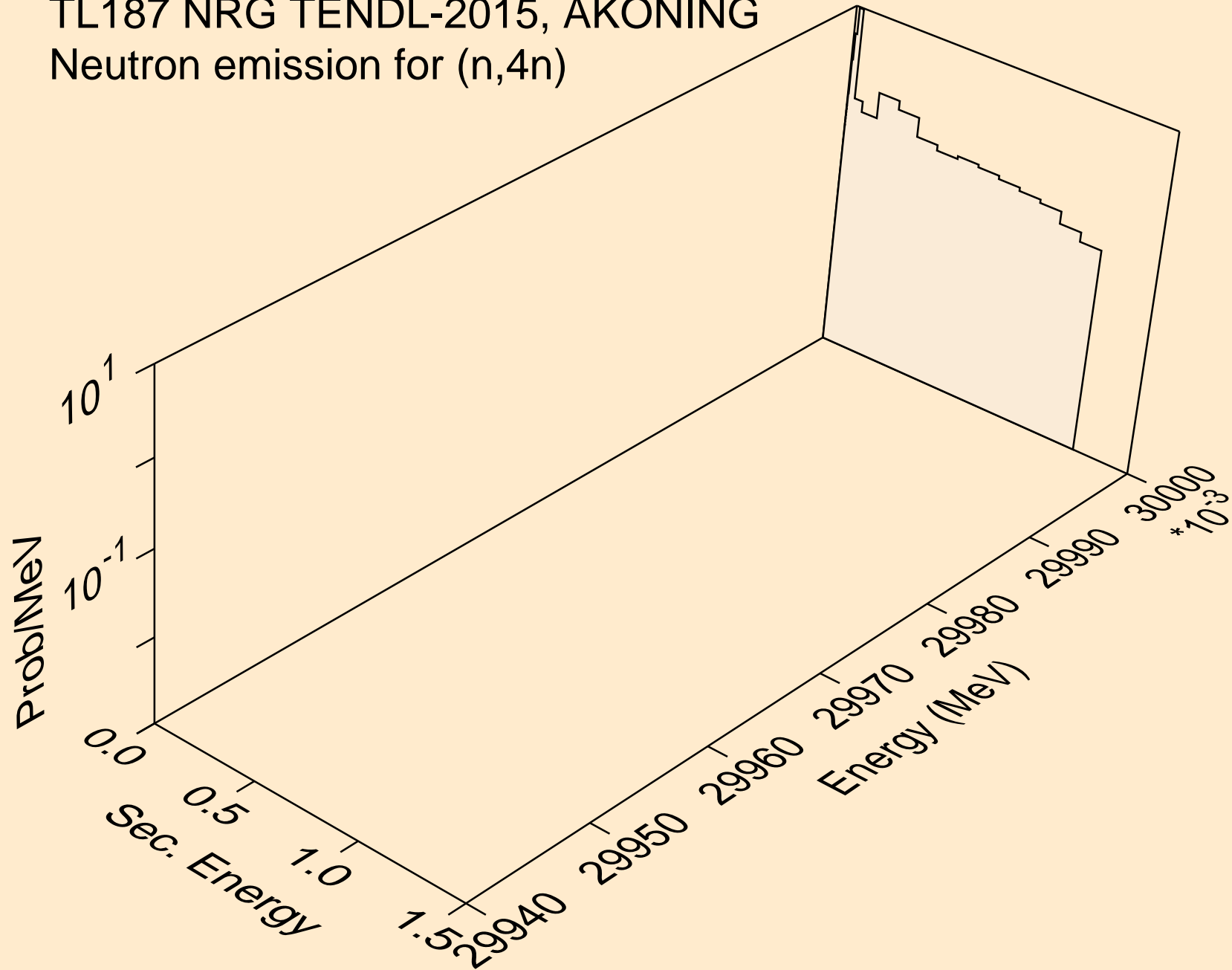


TL187 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t2a

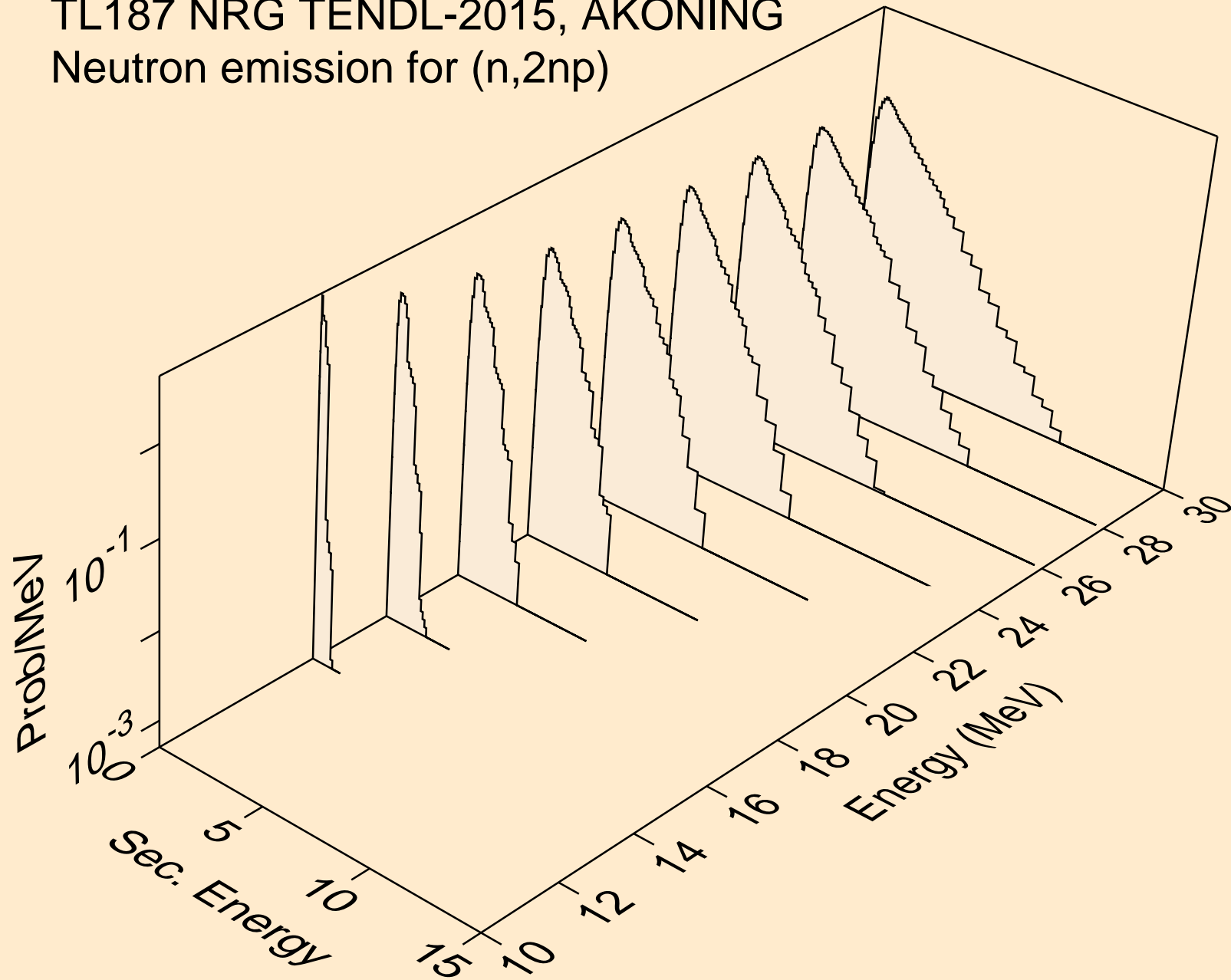




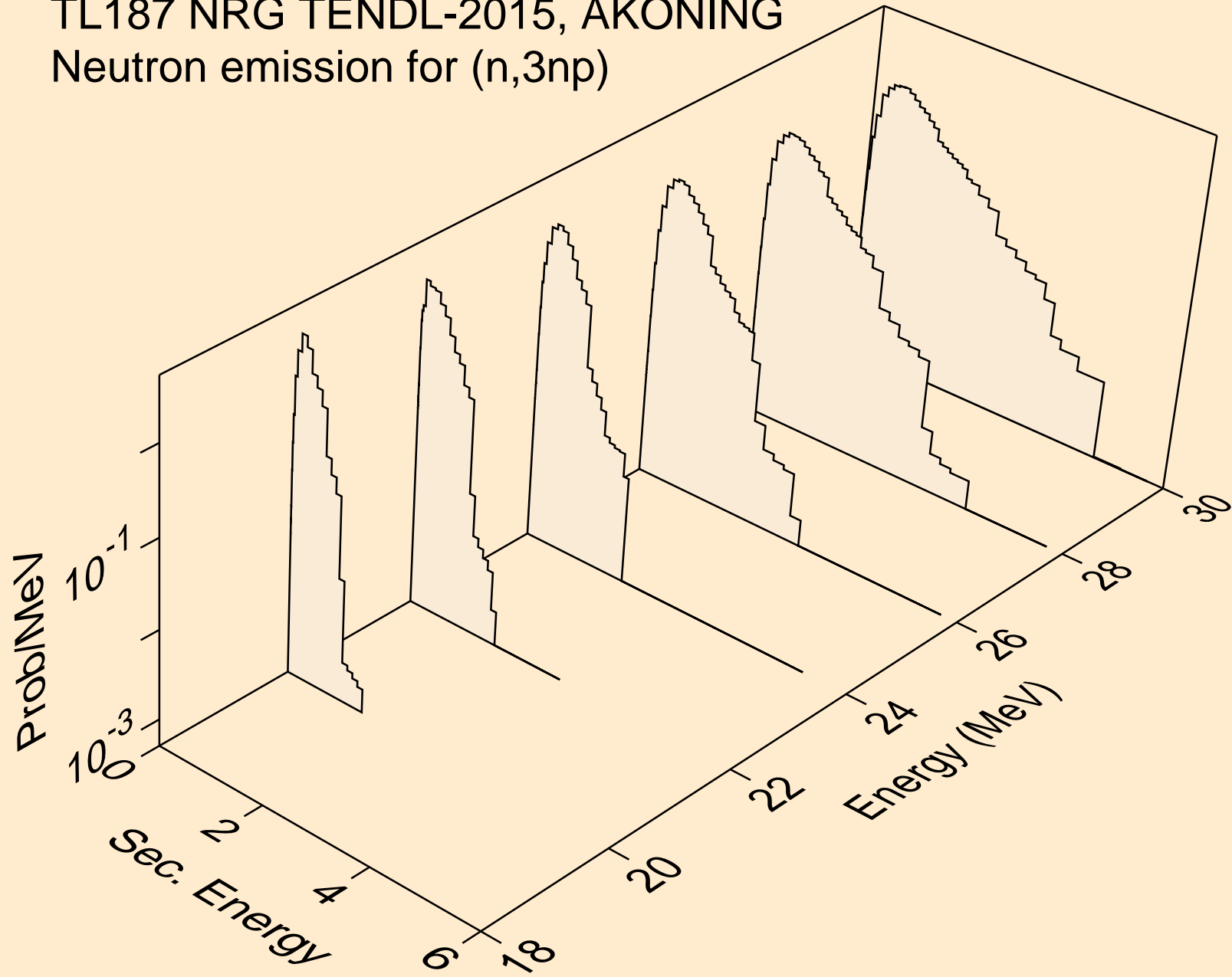
TL187 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



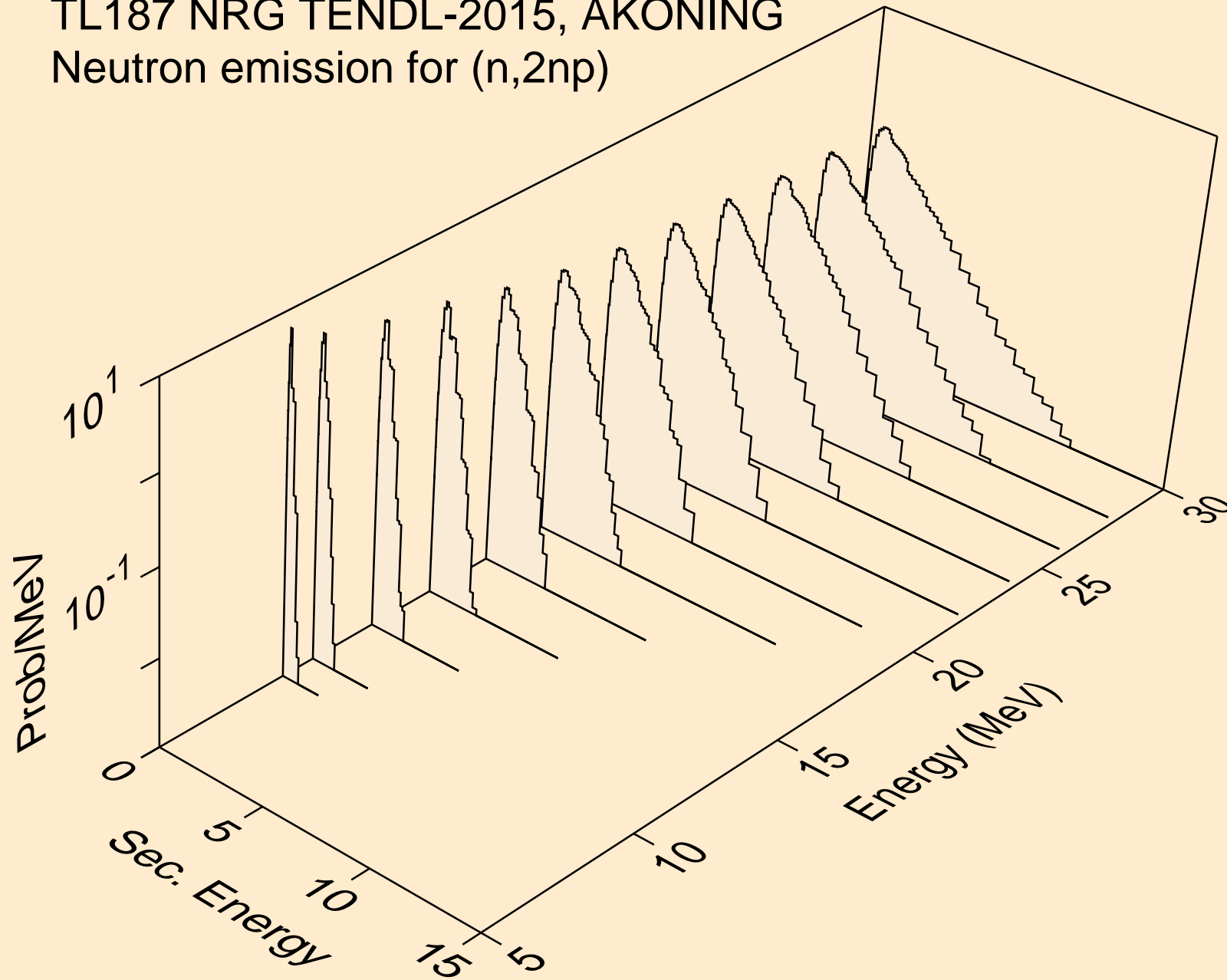
TL187 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



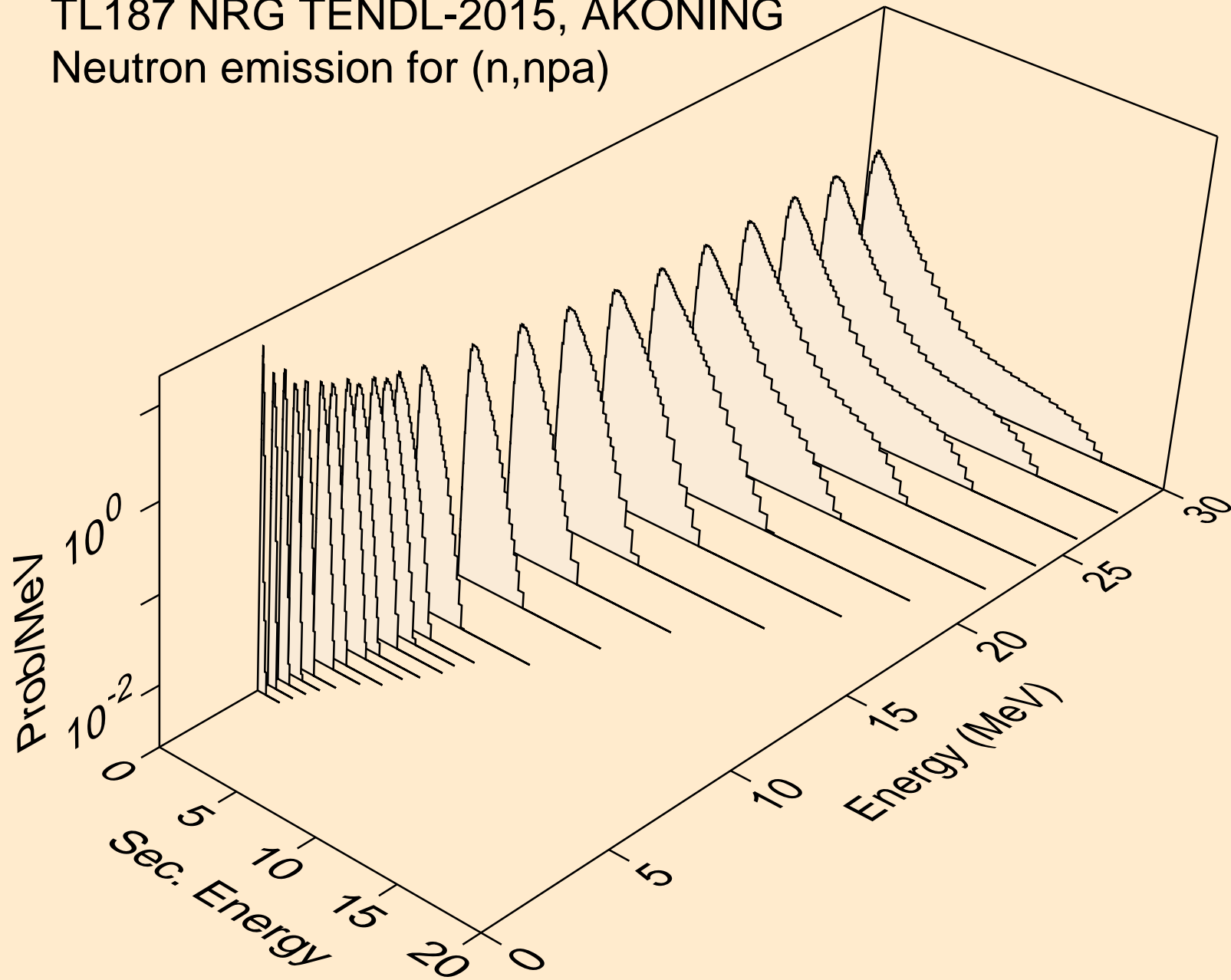
TL187 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



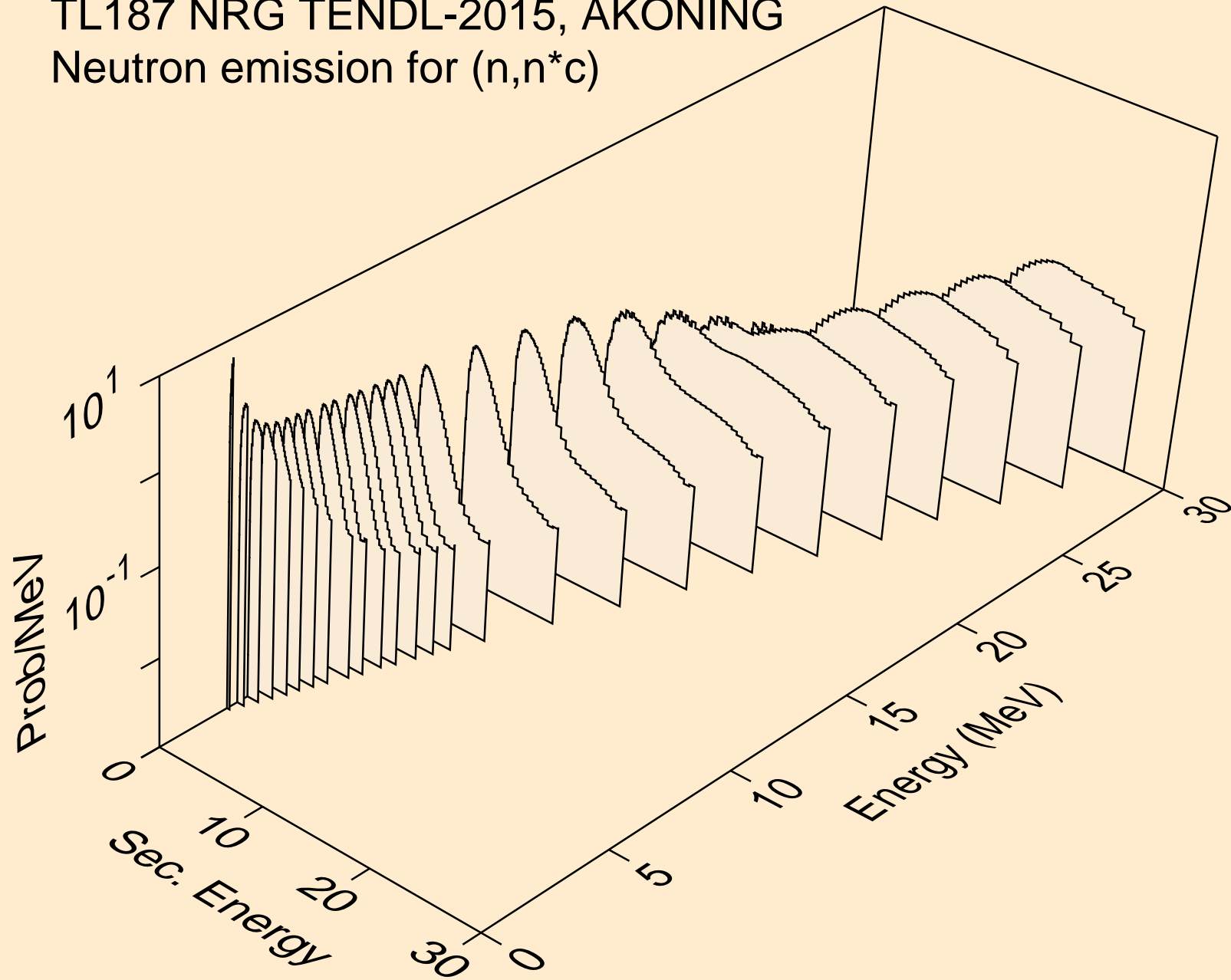
TL187 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



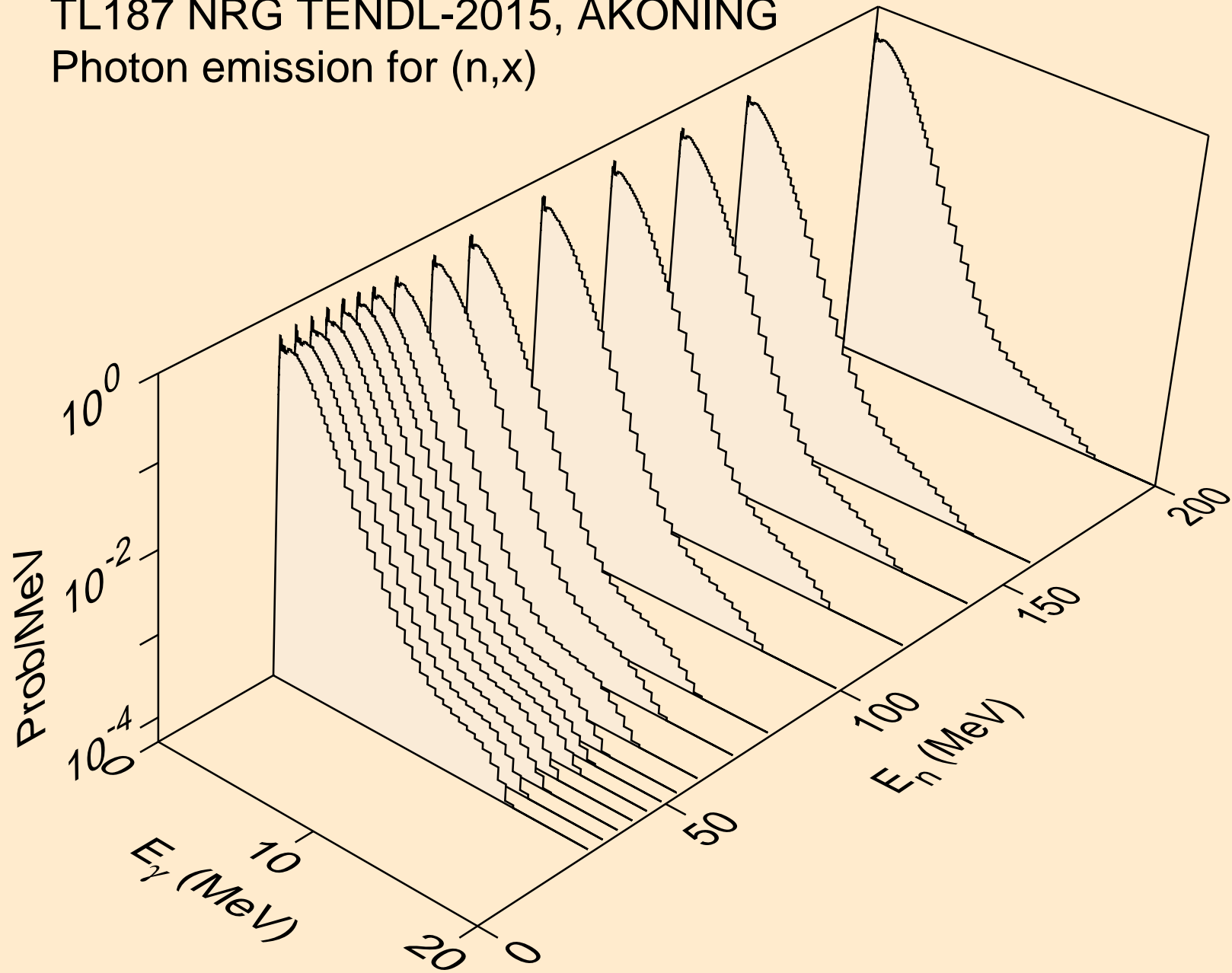
TL187 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



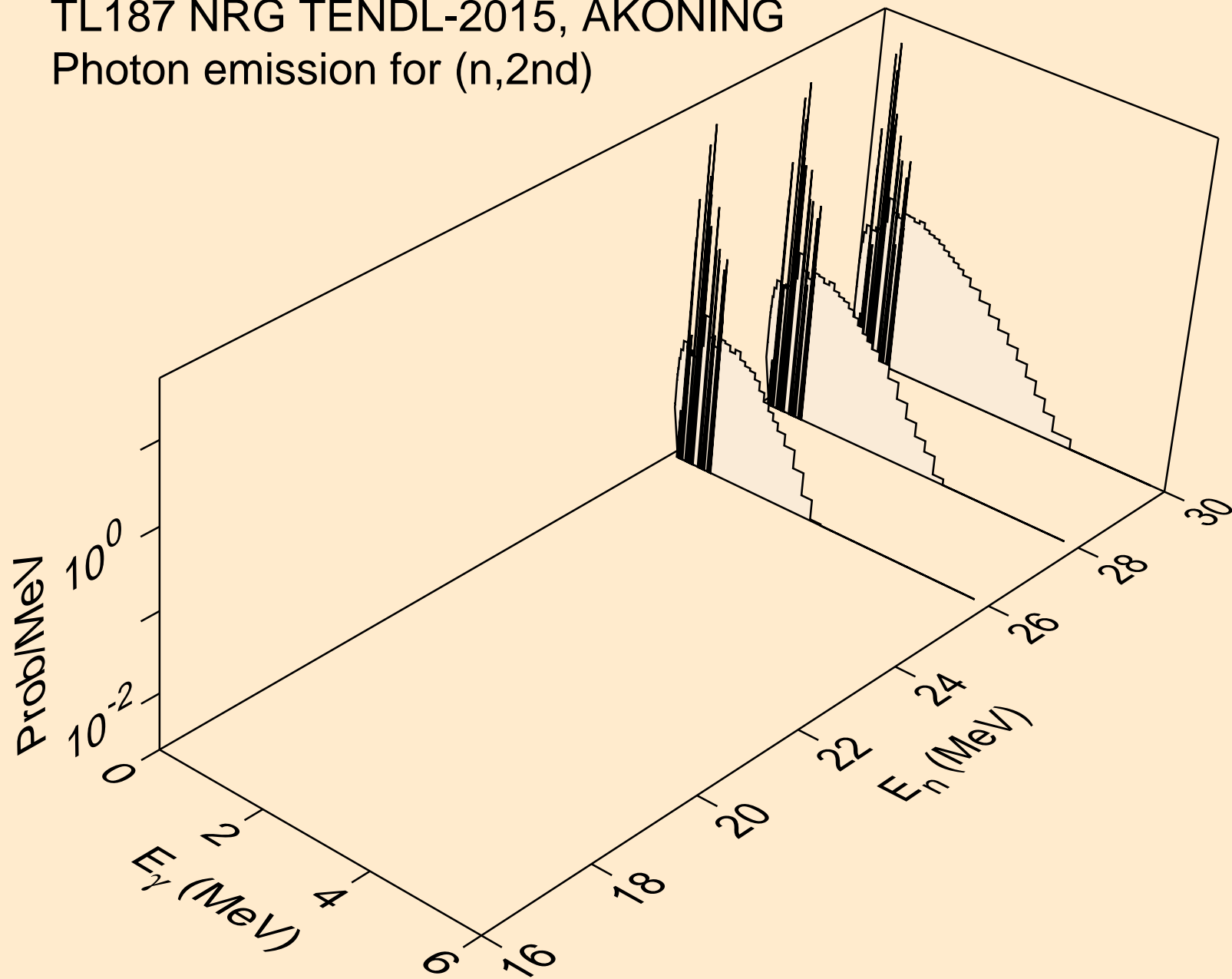
TL187 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



TL187 NRG TENDL-2015, AKONING  
Photon emission for (n,x)

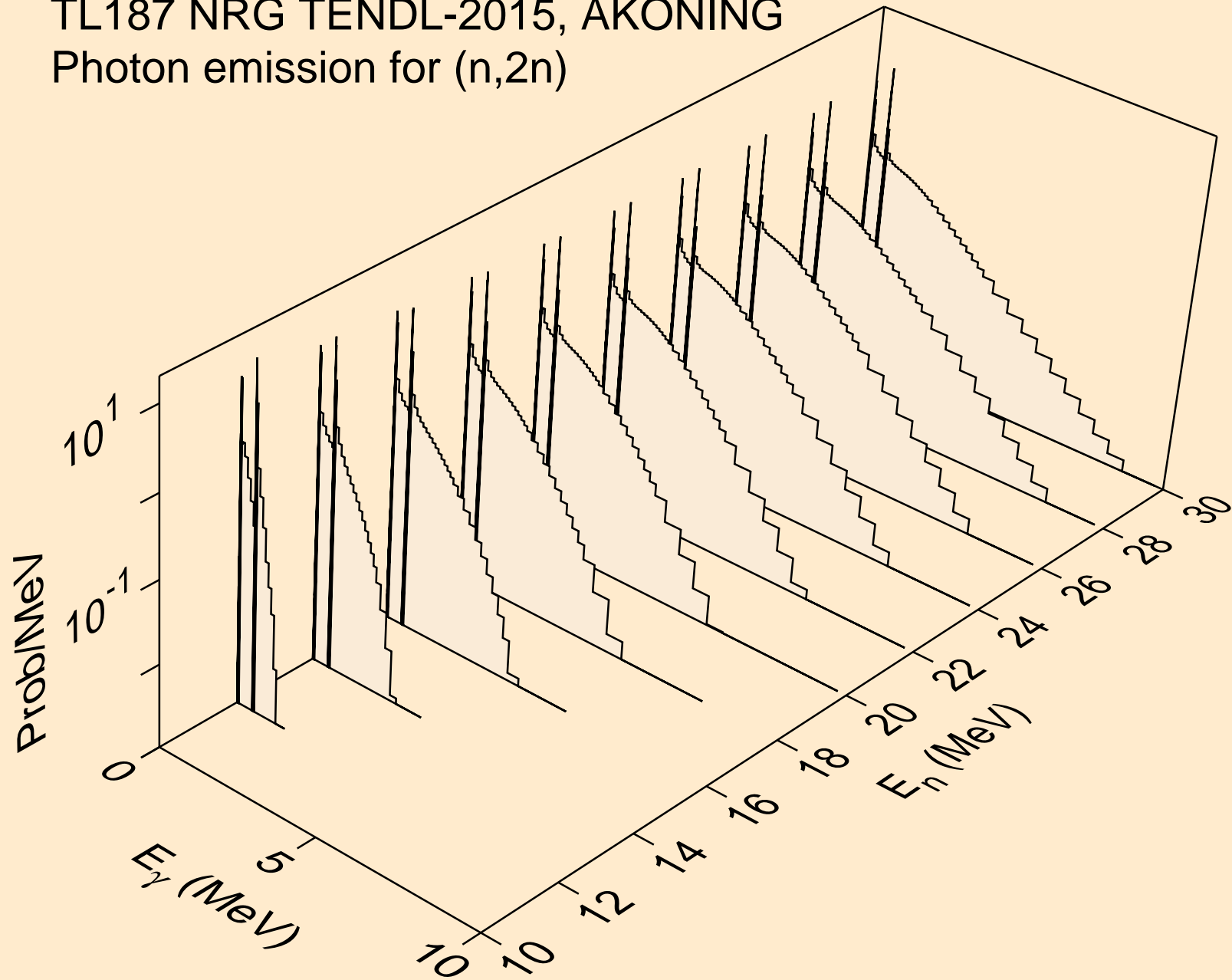


TL187 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

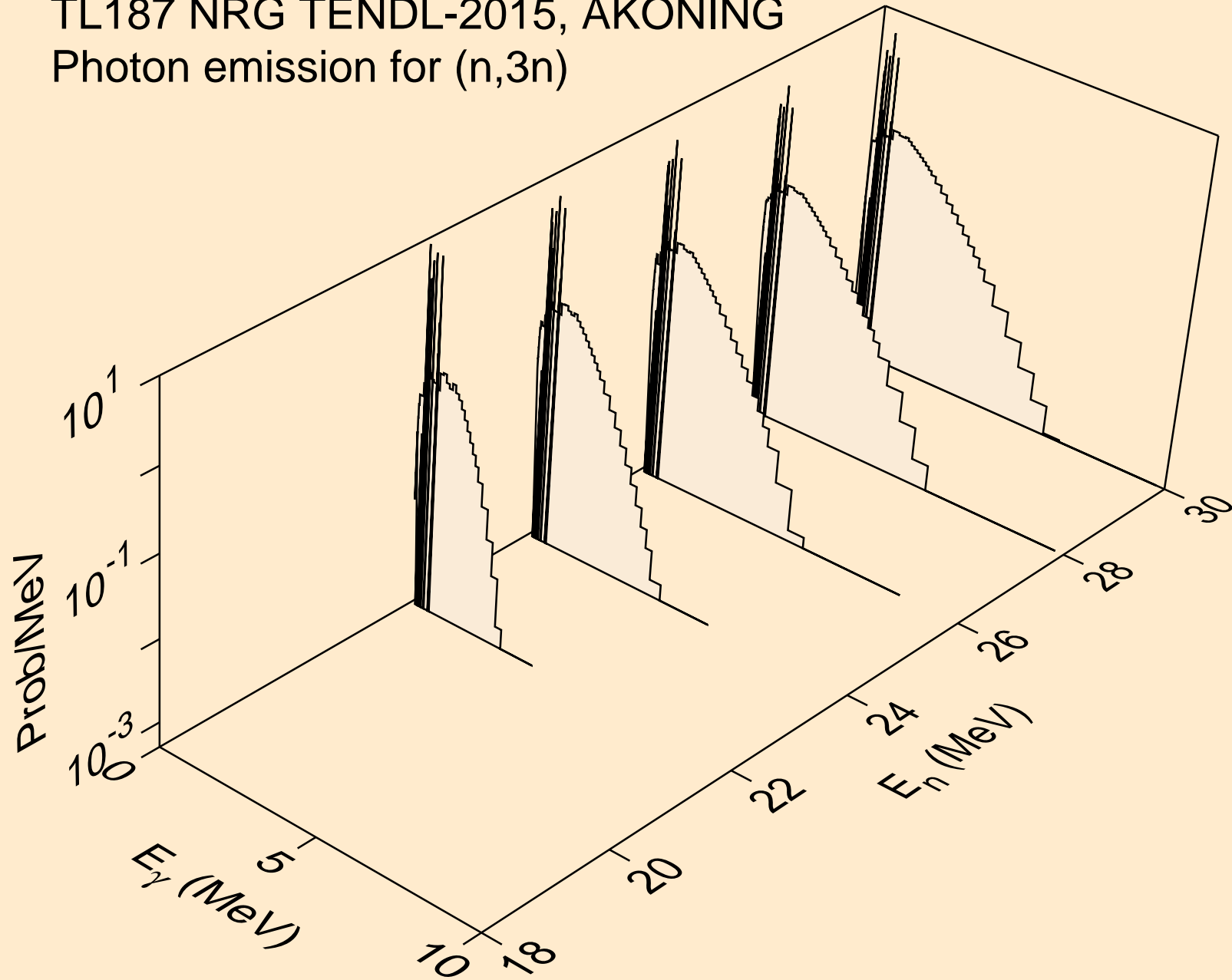




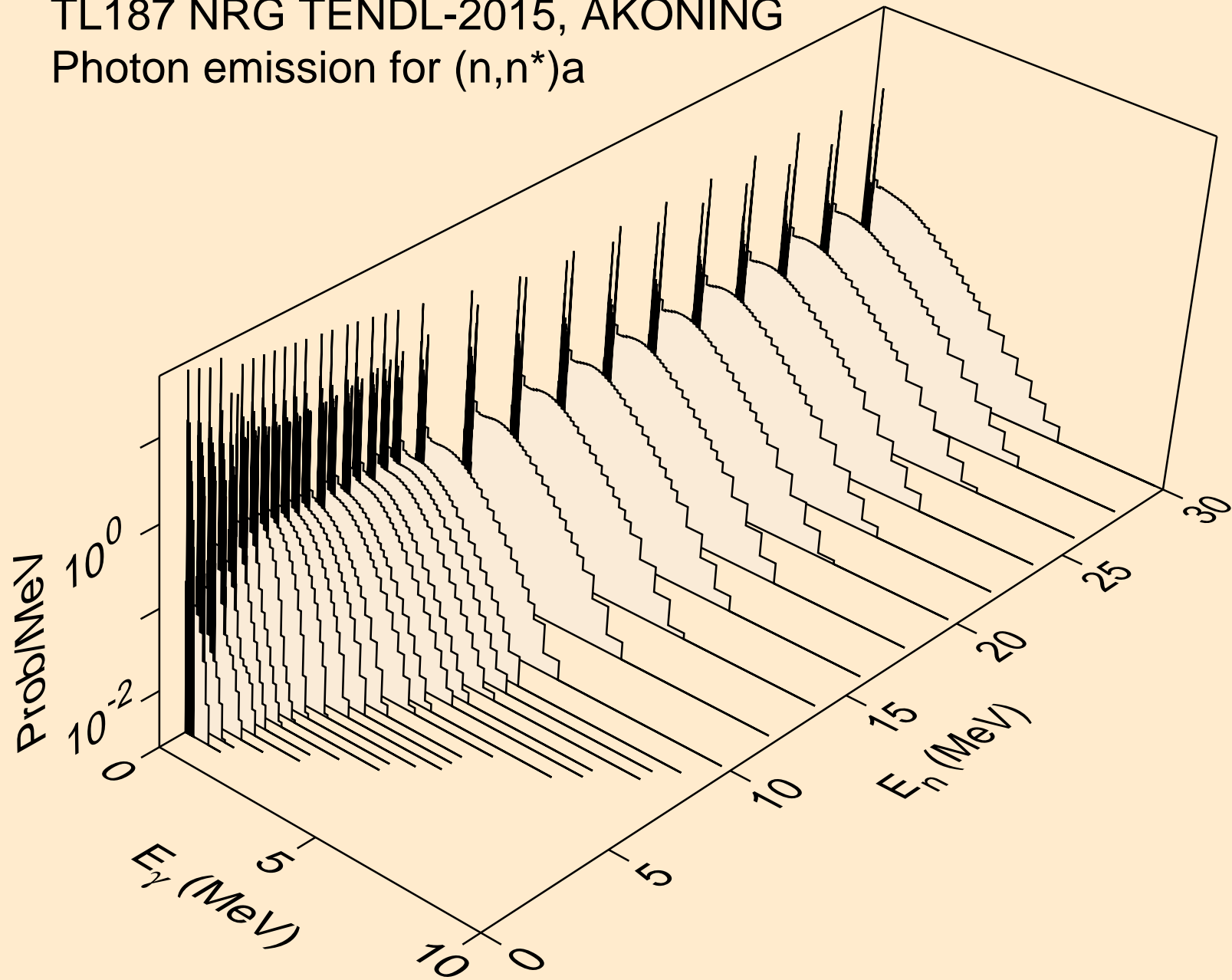
TL187 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



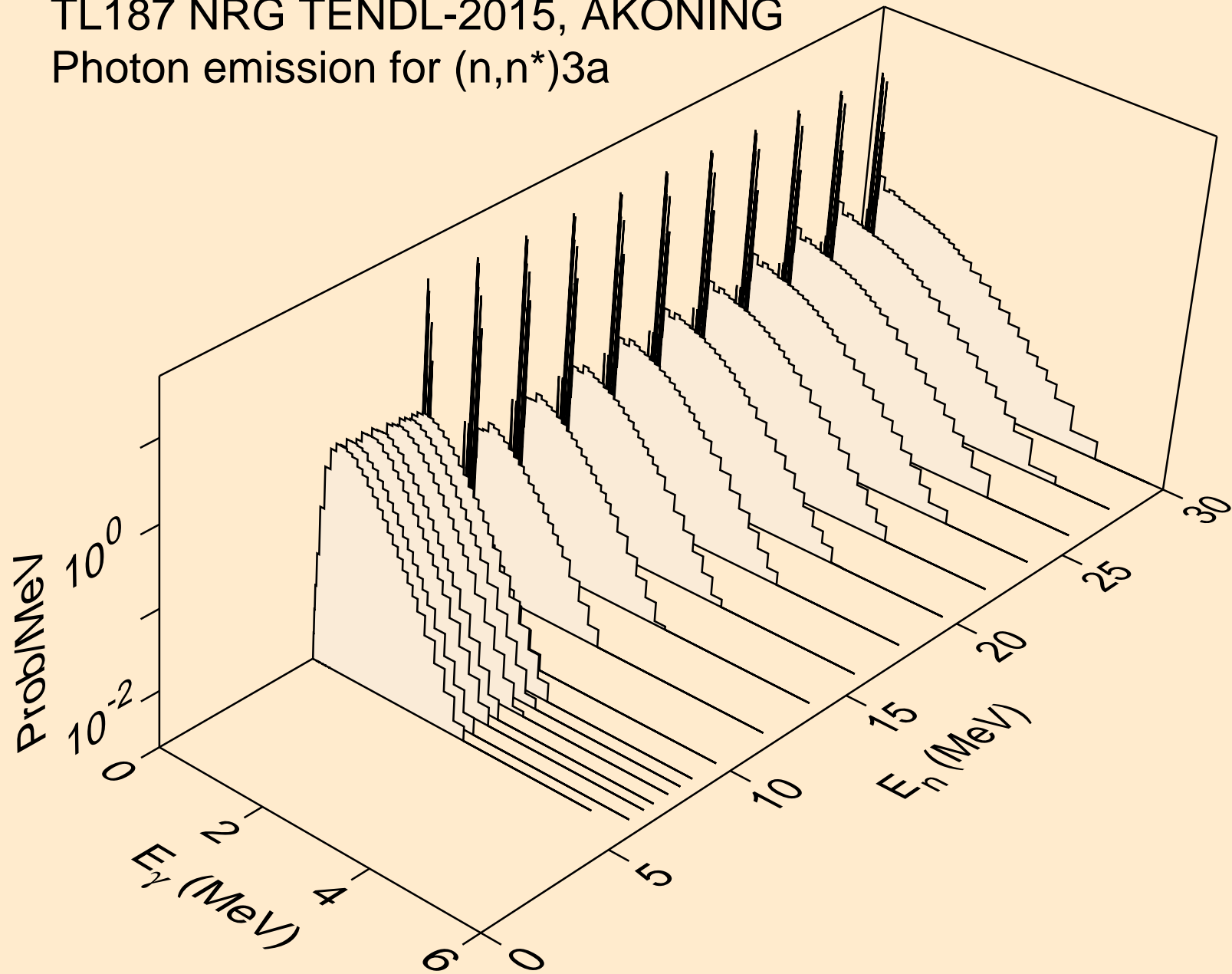
TL187 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



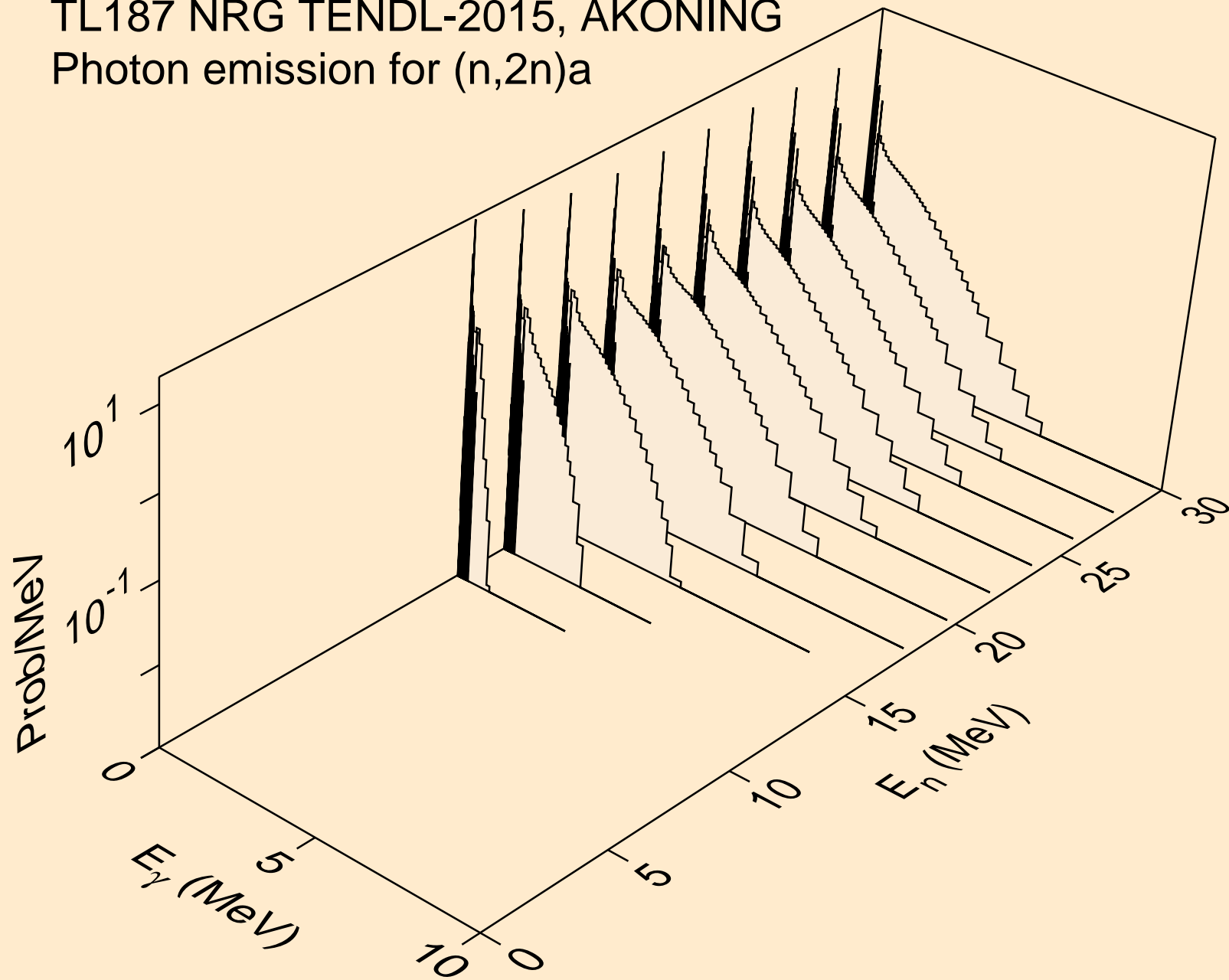
TL187 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



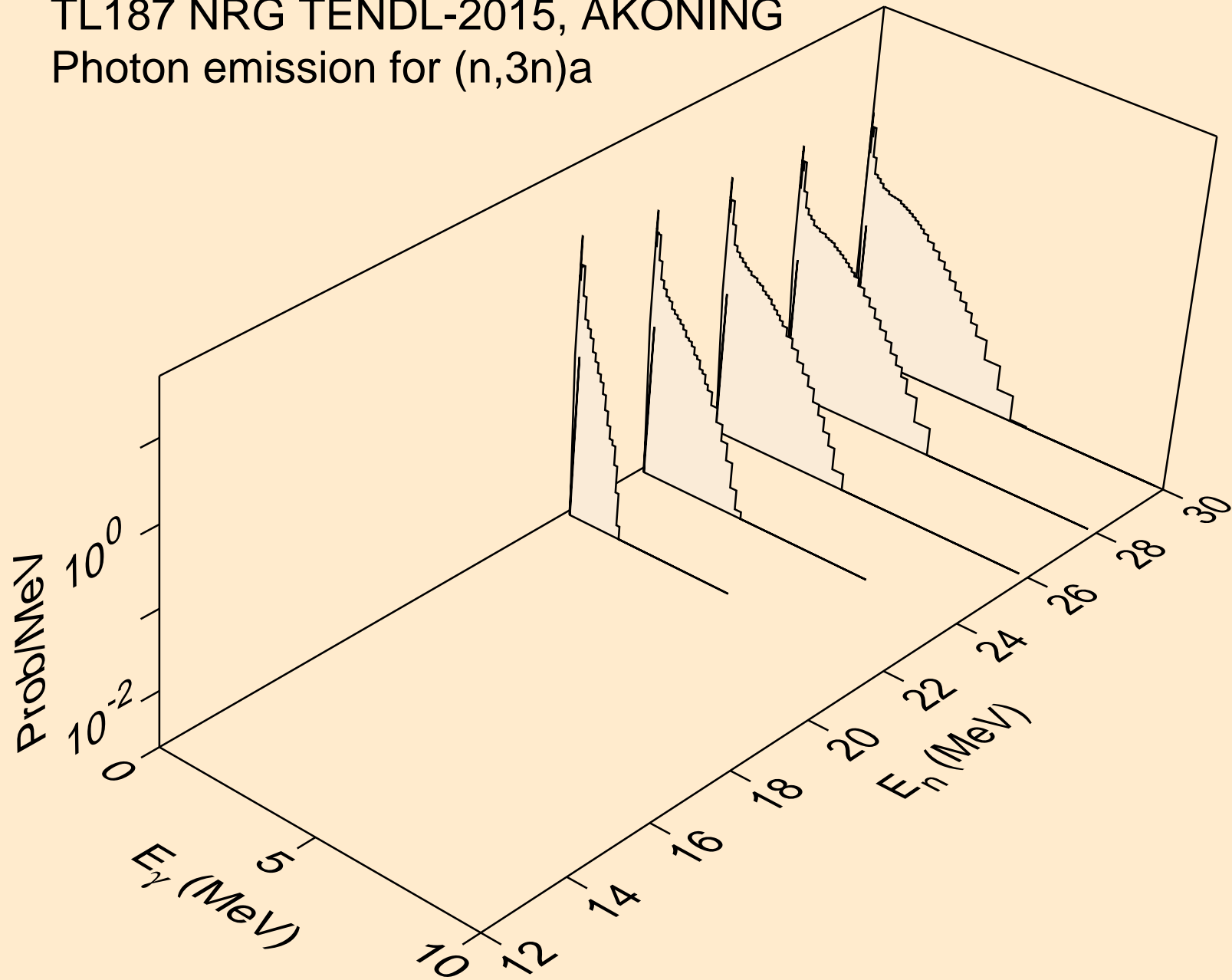
TL187 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a



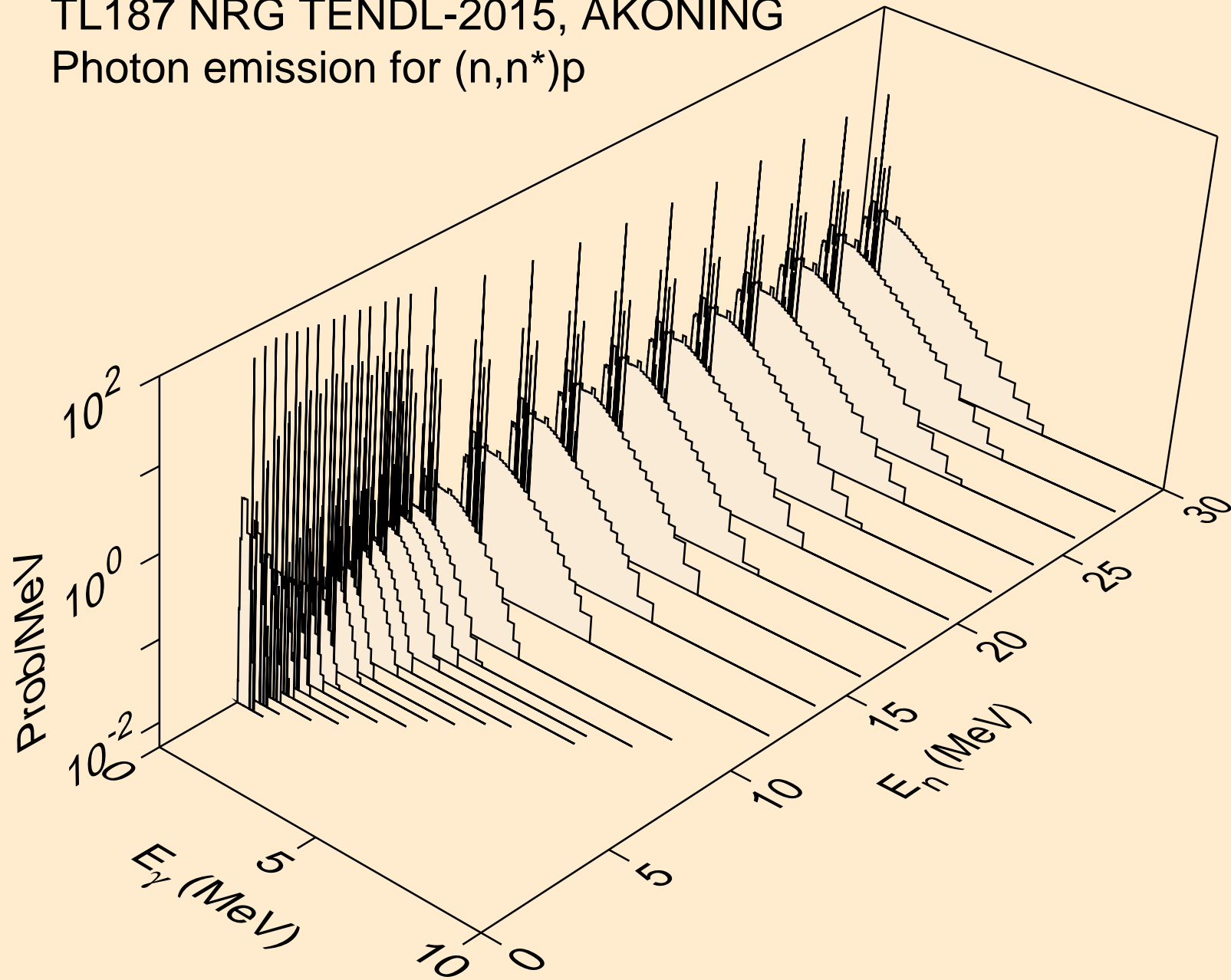
TL187 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



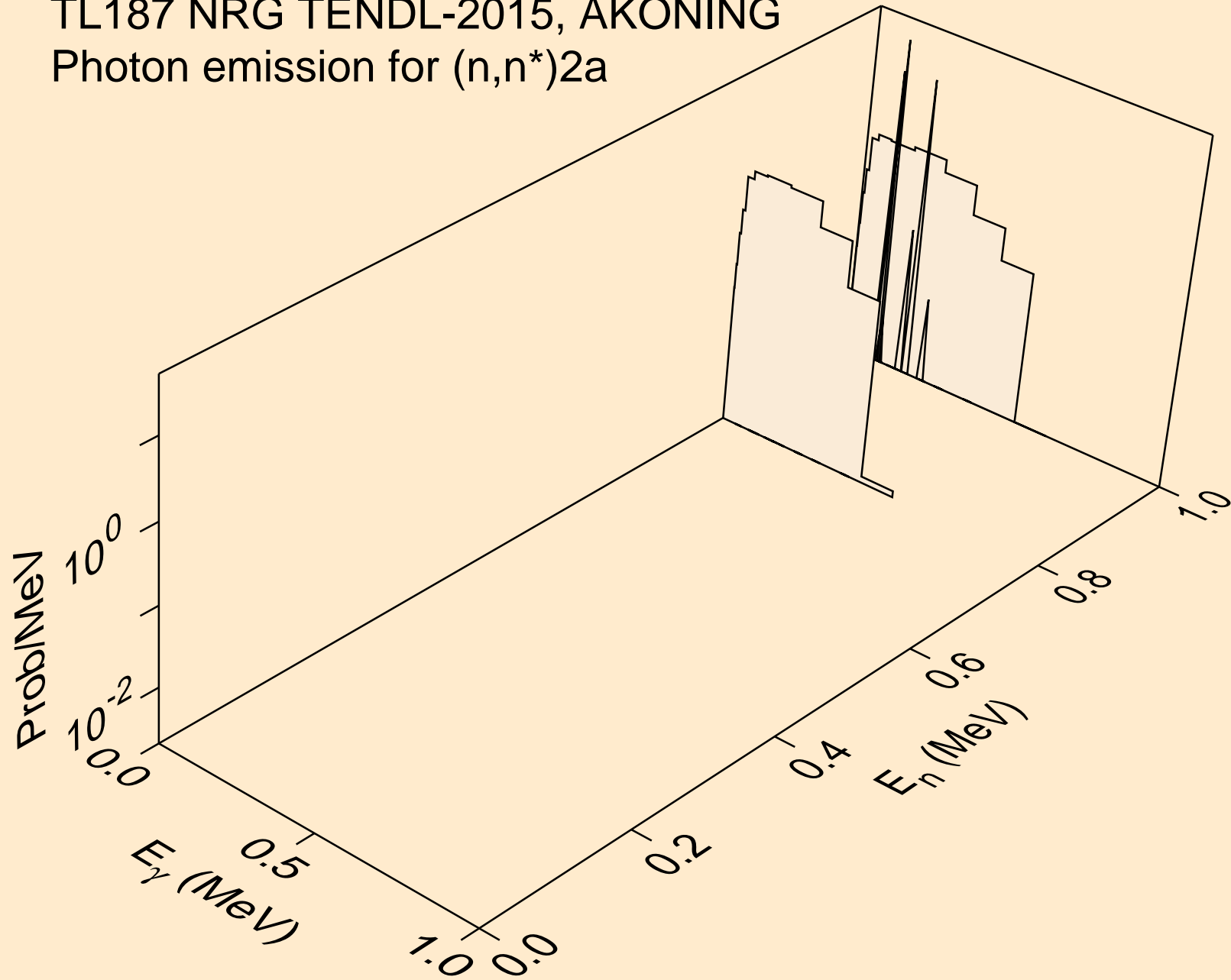
TL187 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



TL187 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

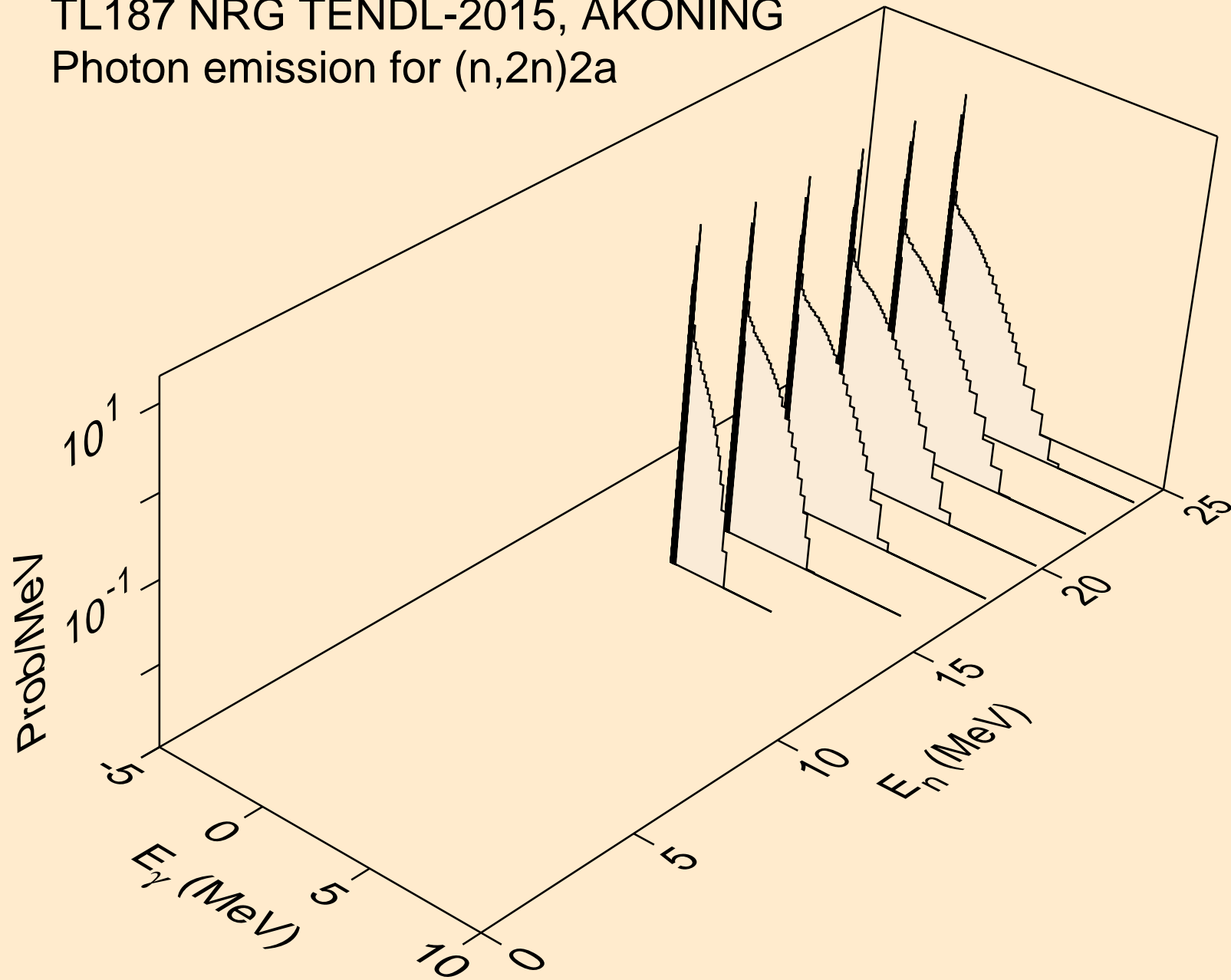


TL187 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a

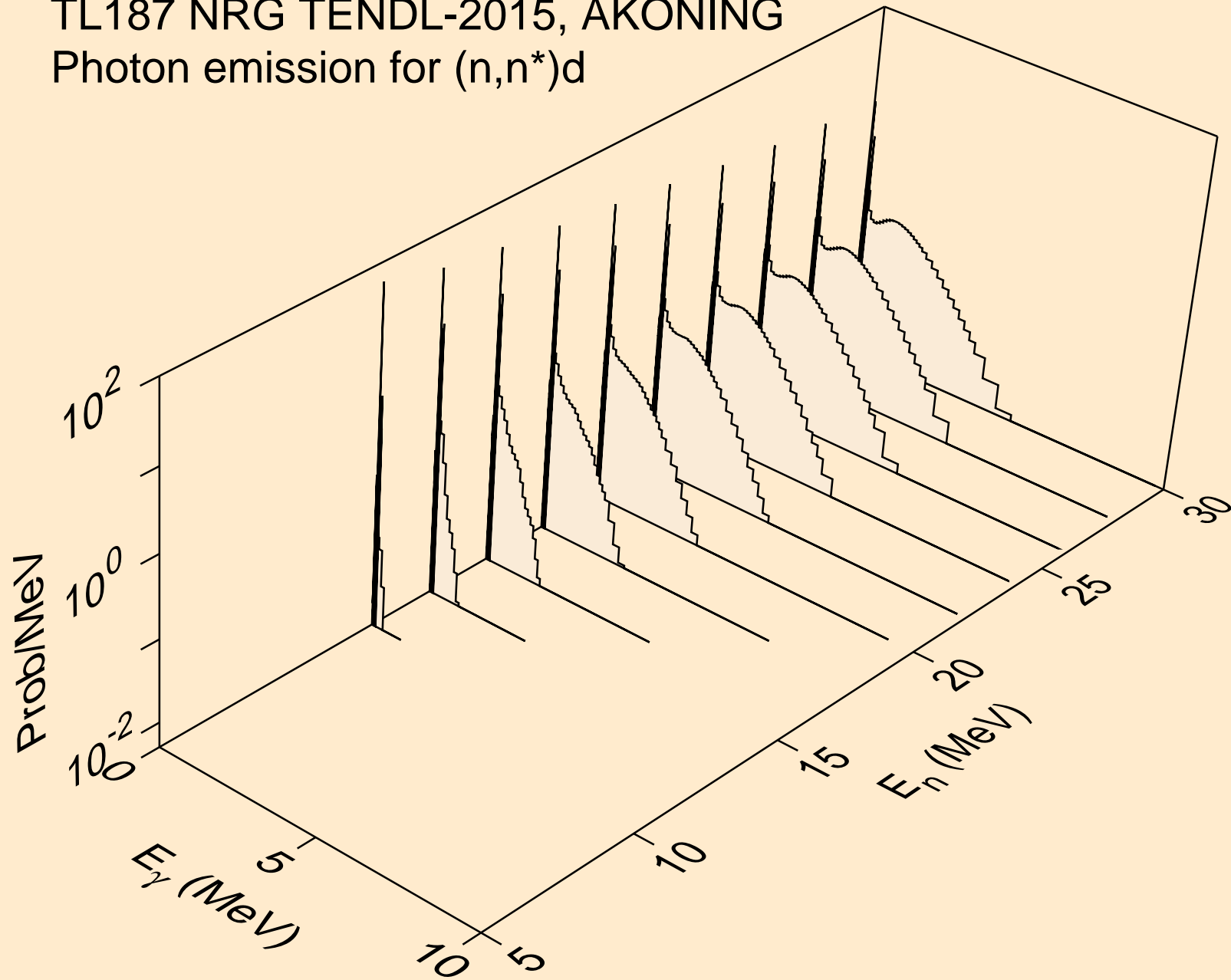




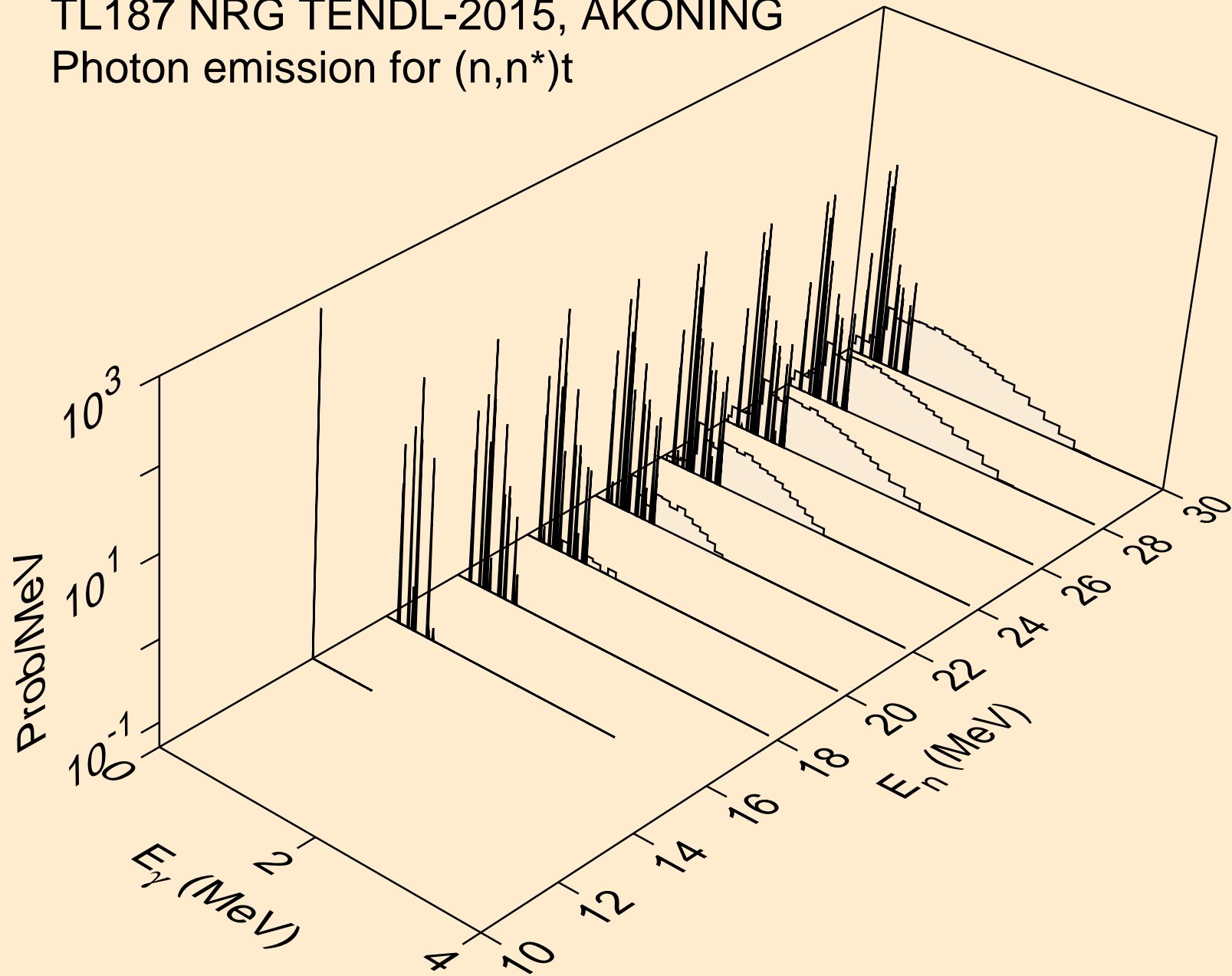
TL187 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



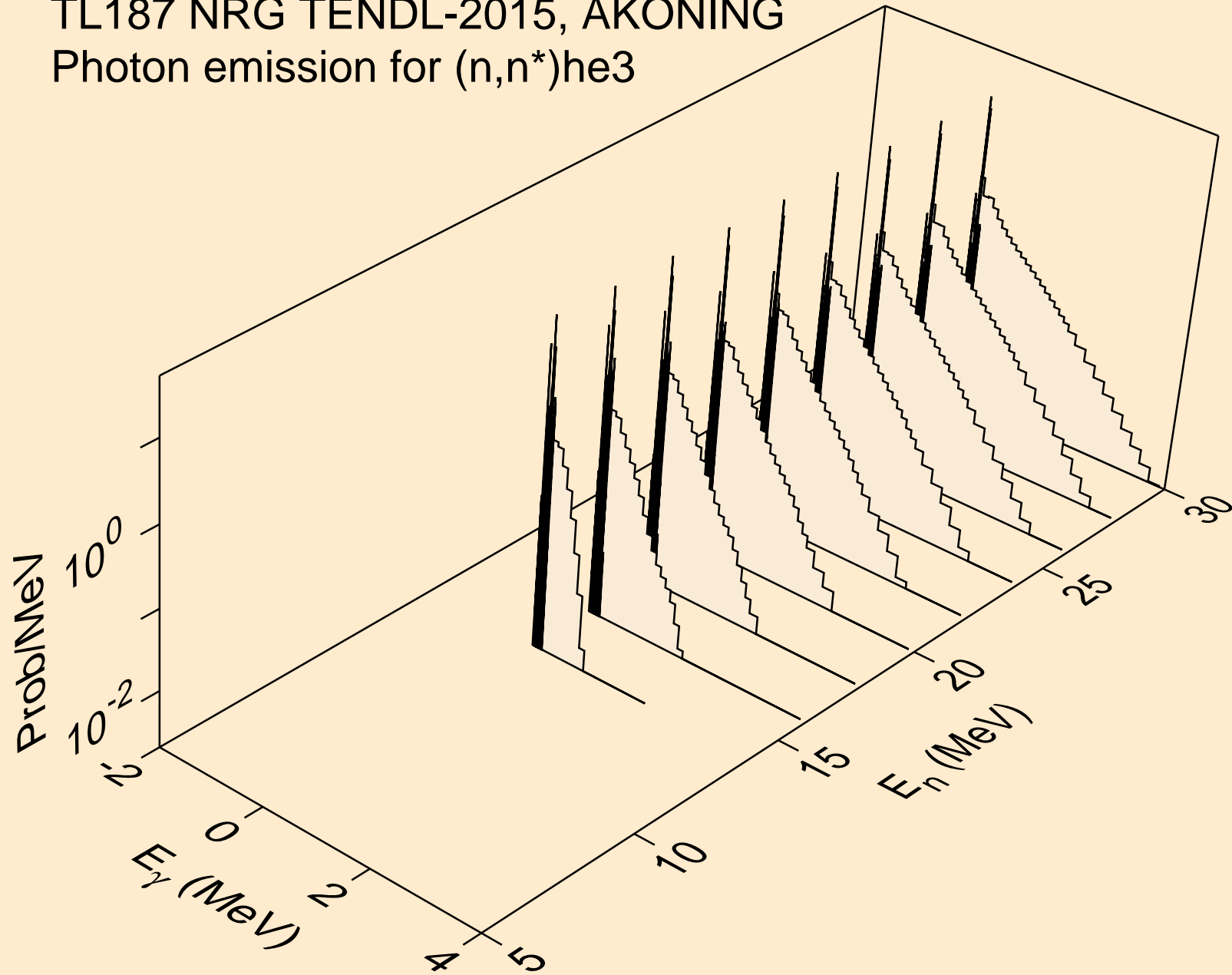
TL187 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



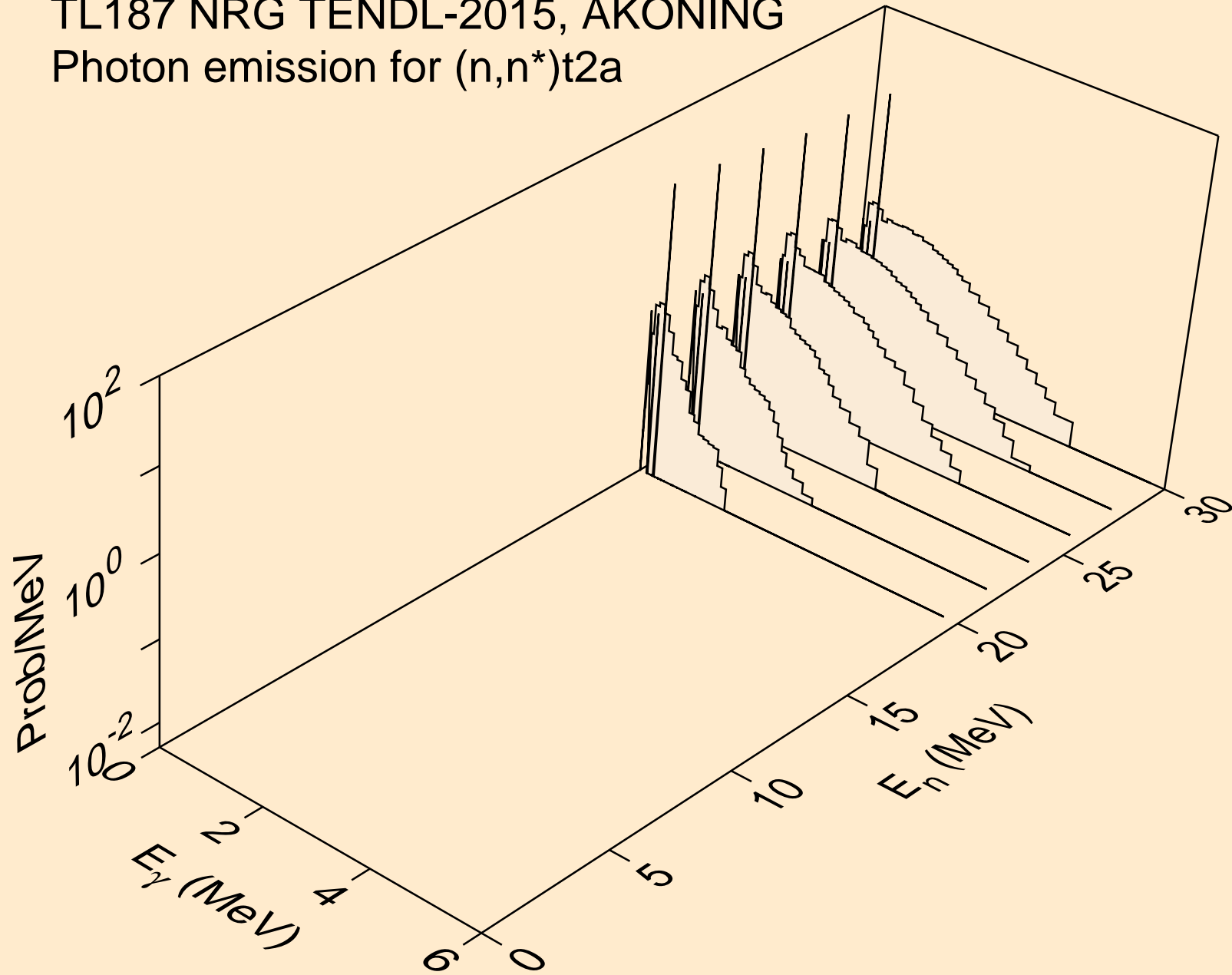
TL187 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



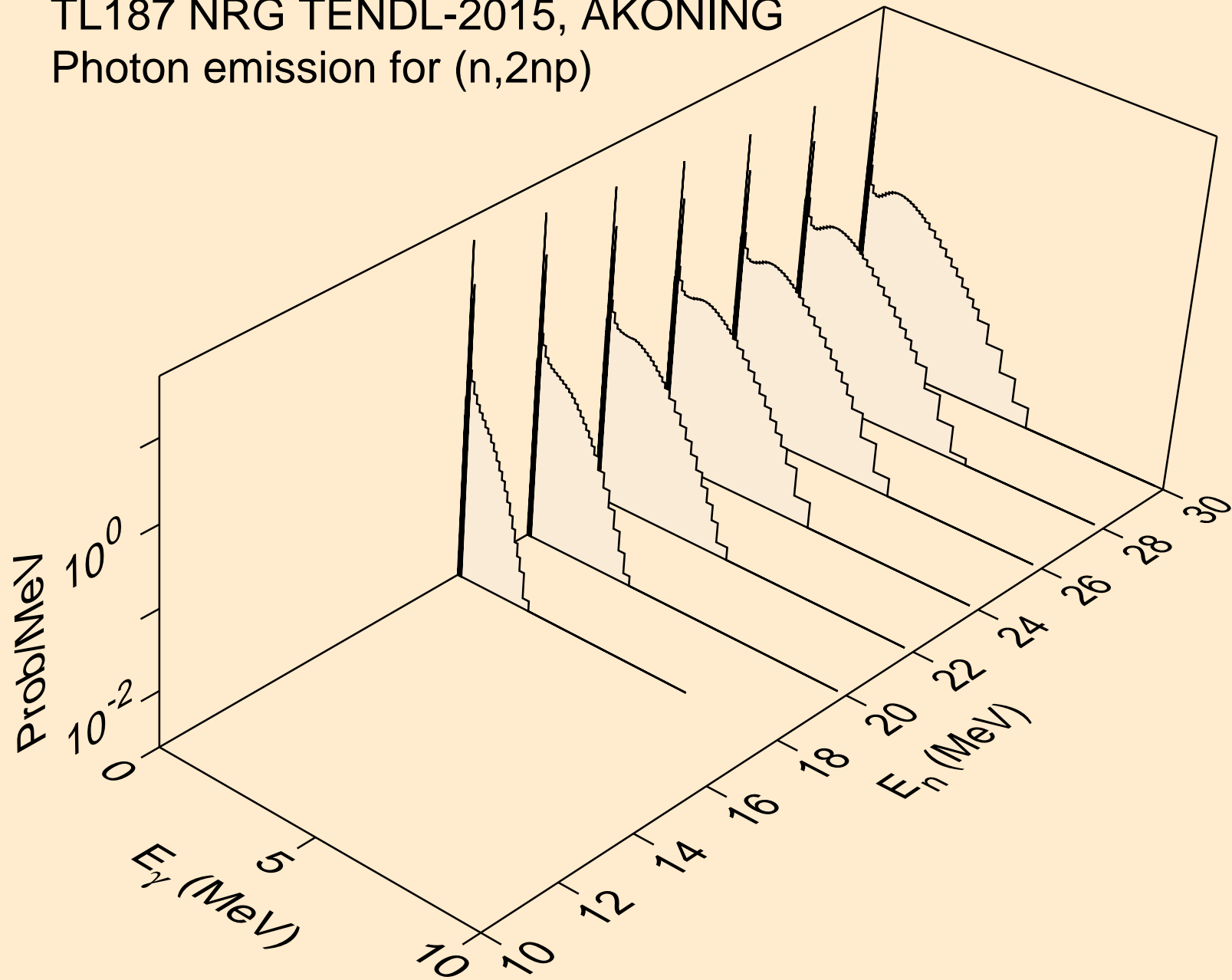
TL187 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



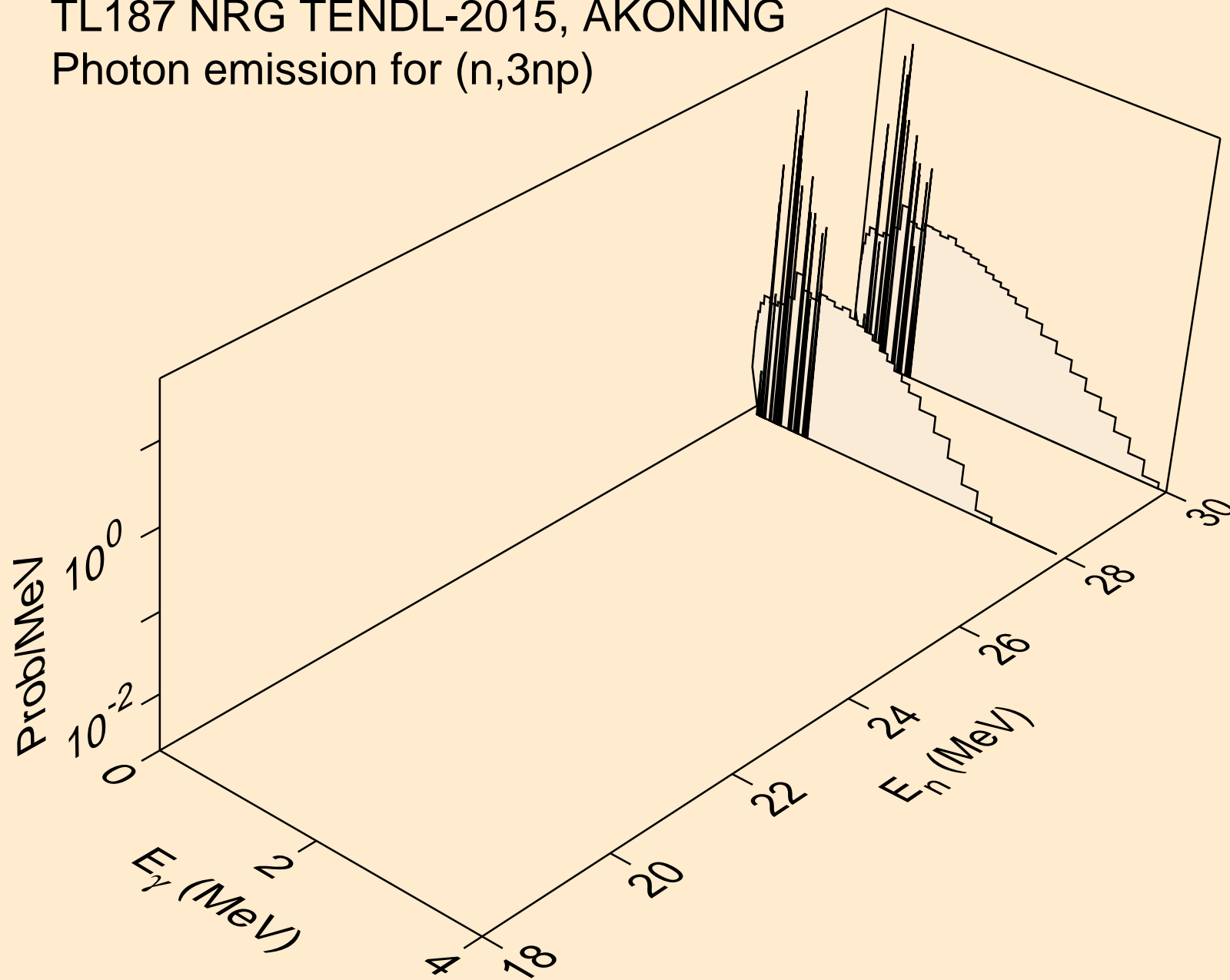
TL187 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t2a



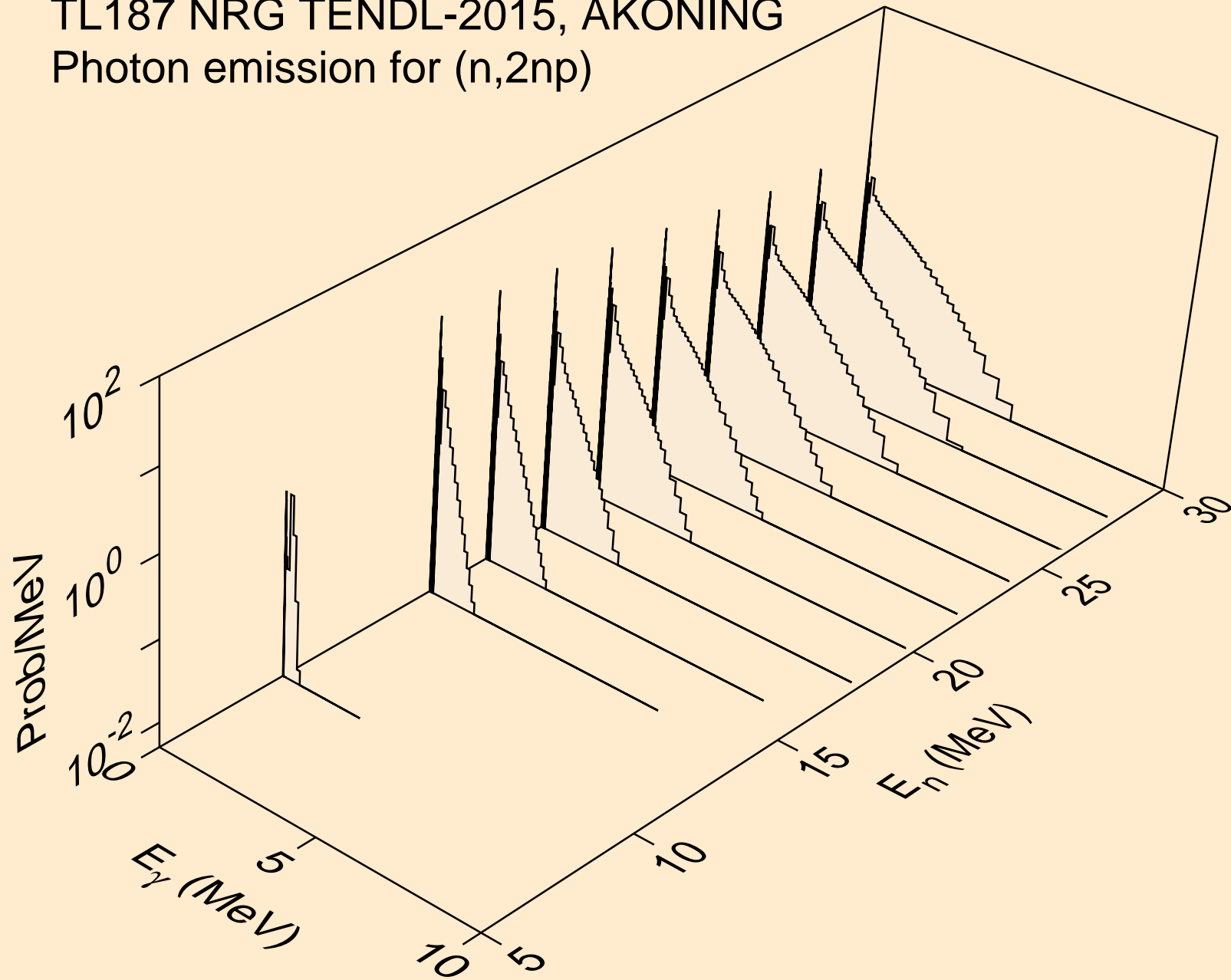
TL187 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



TL187 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

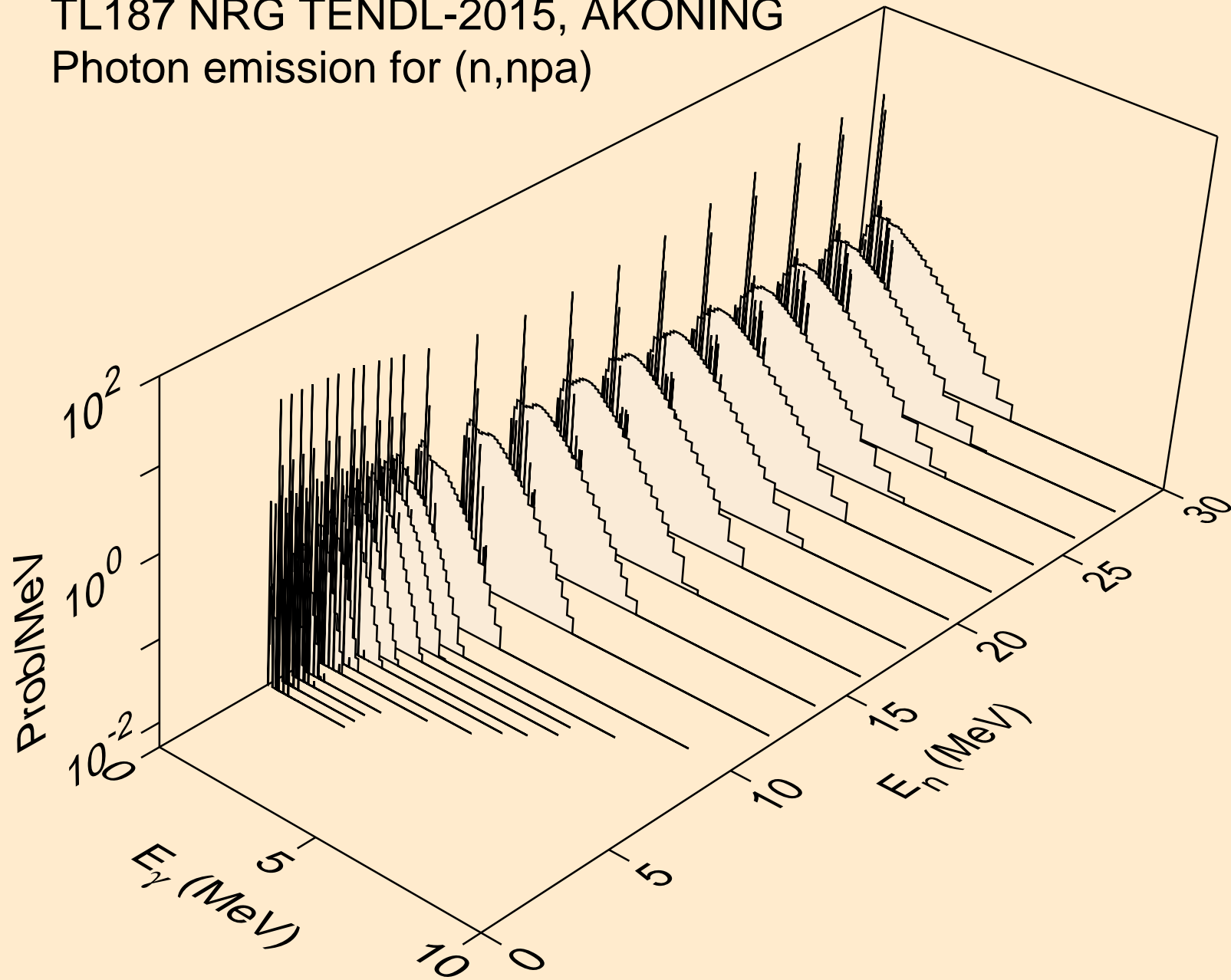


TL187 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

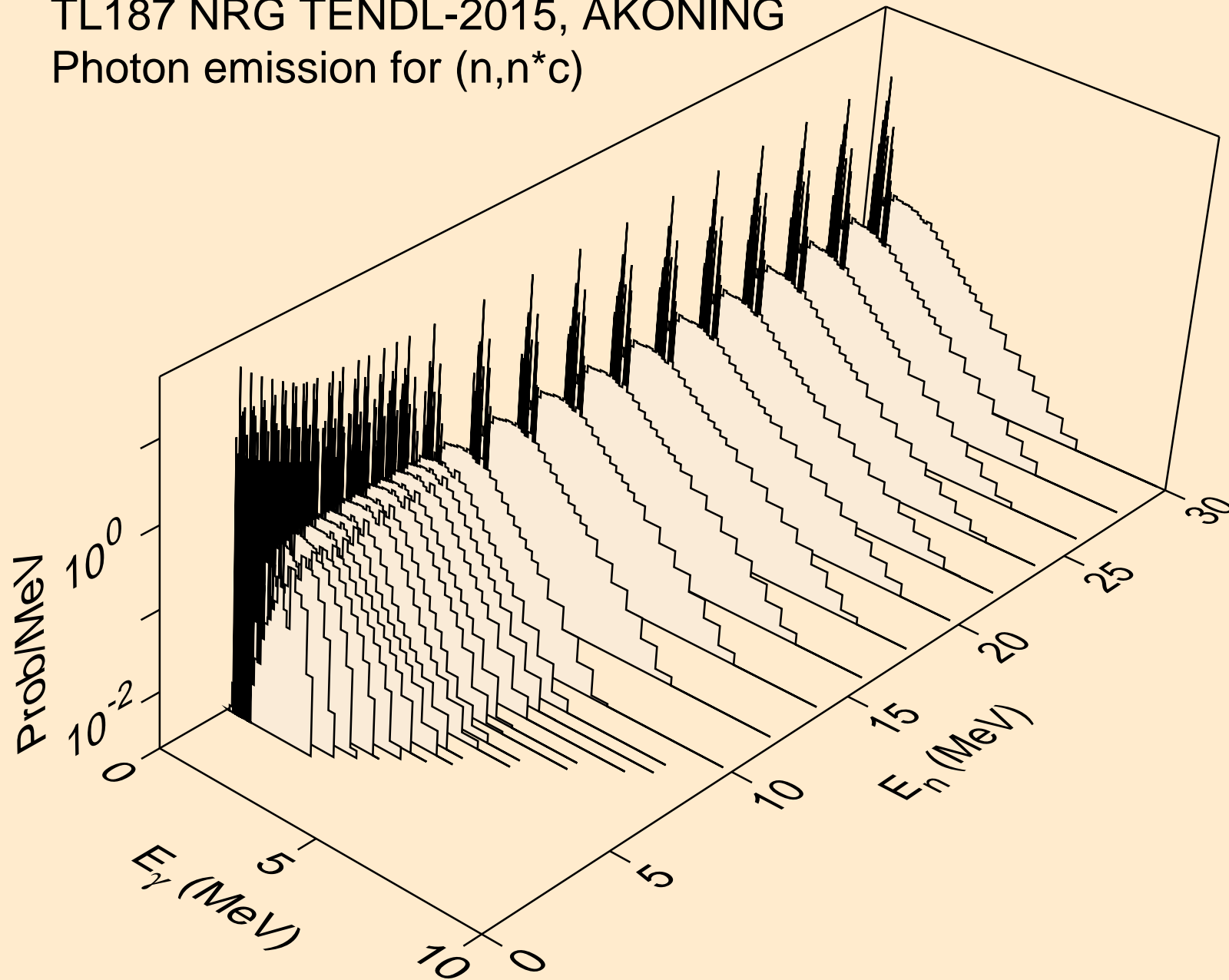




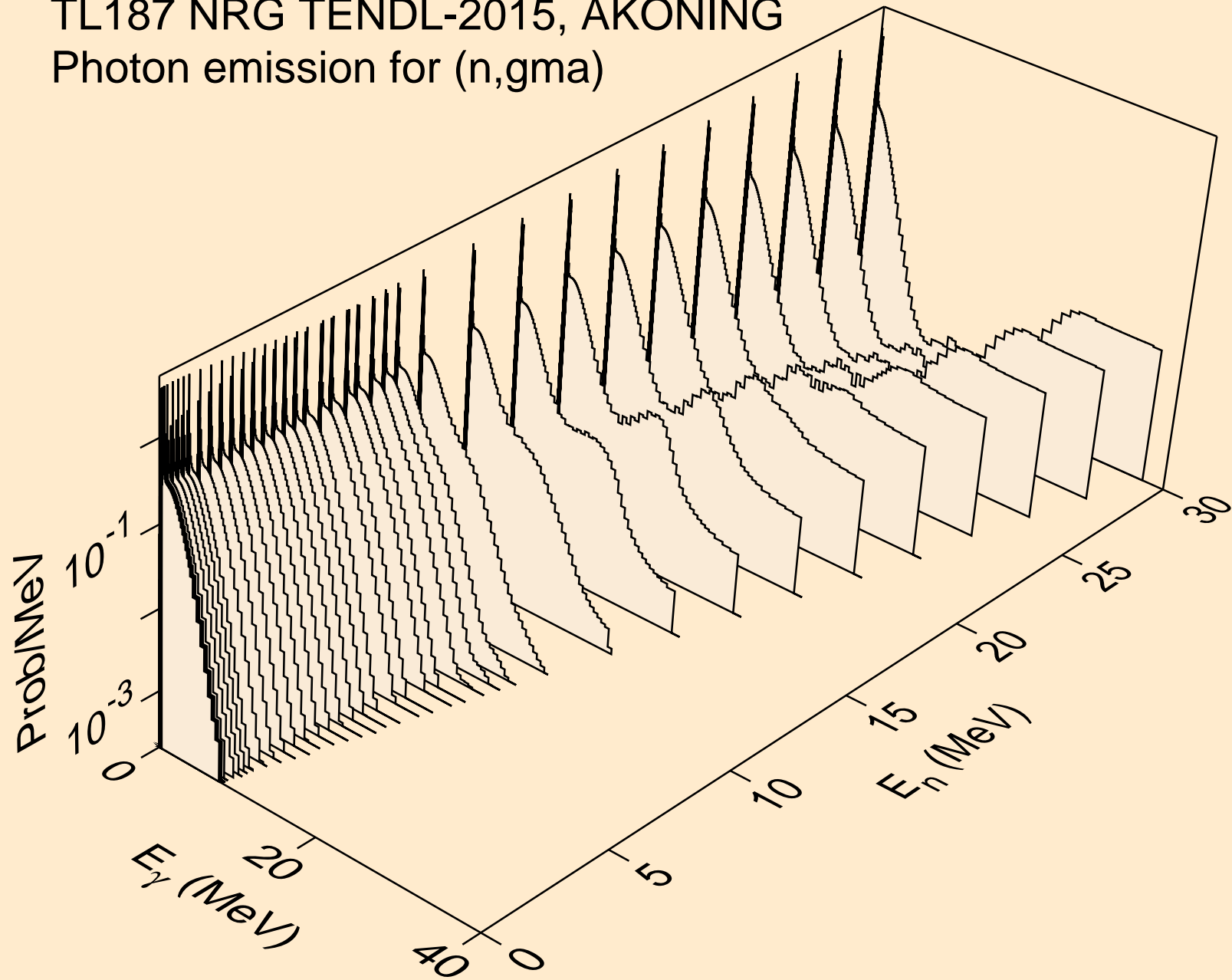
TL187 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



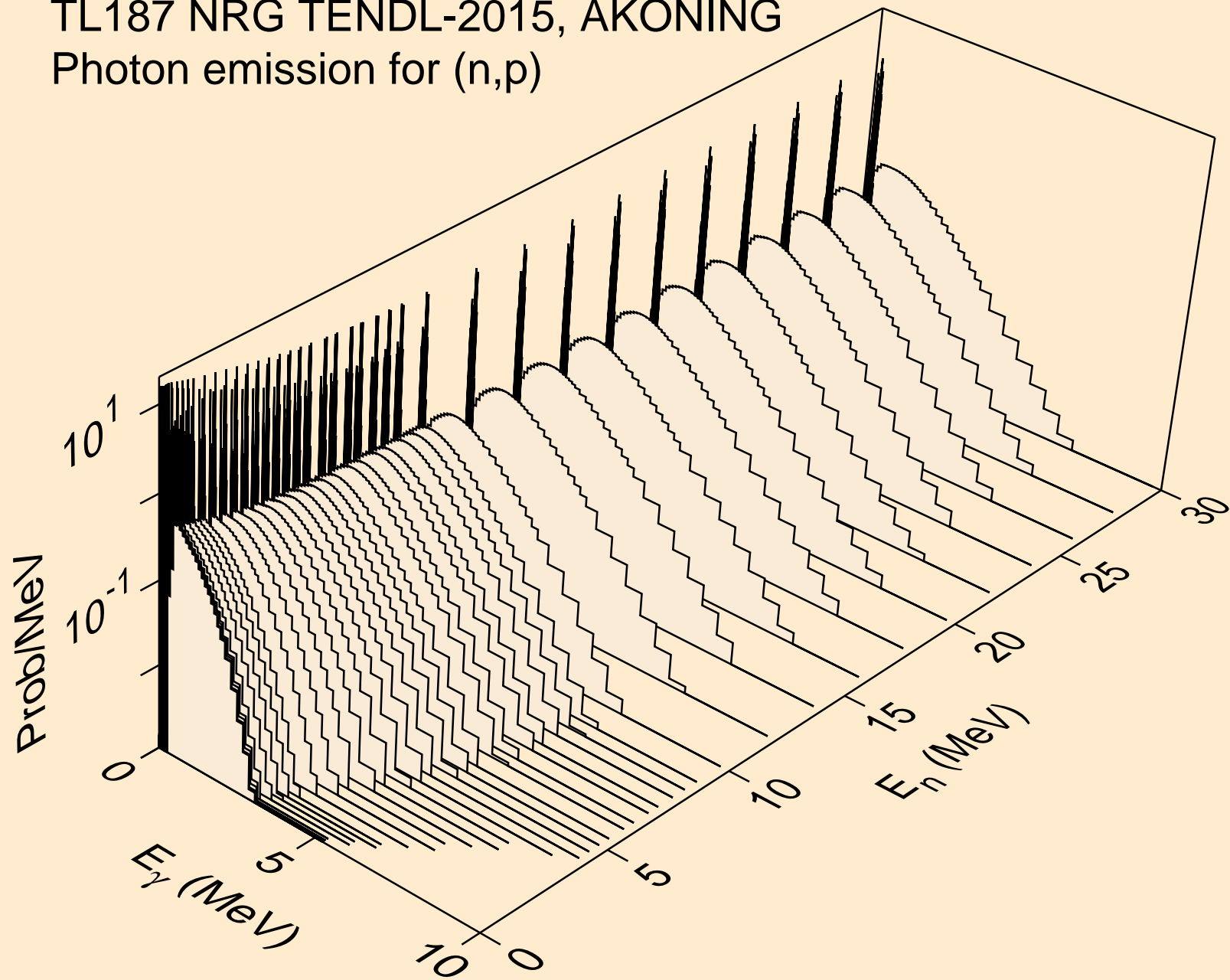
TL187 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



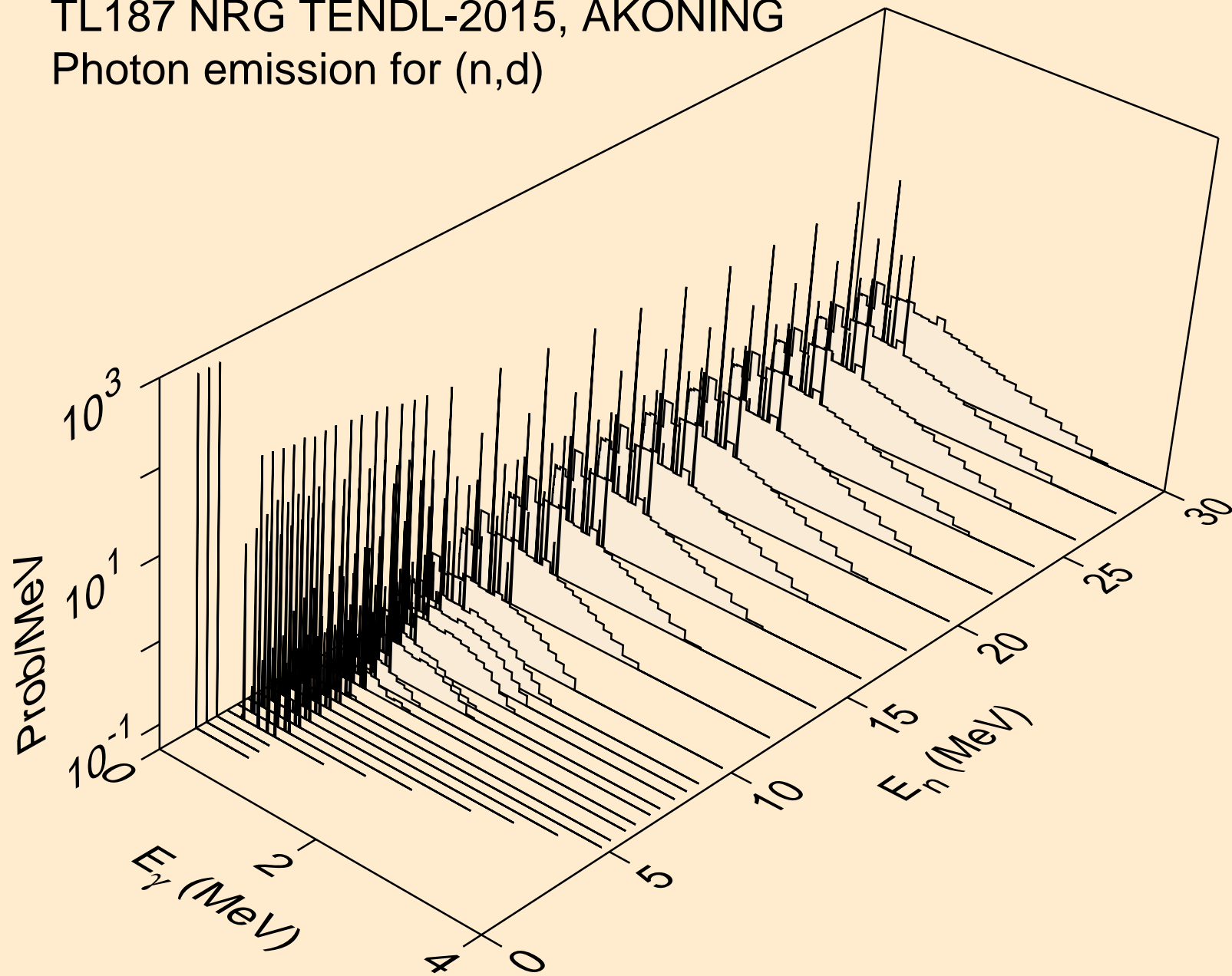
TL187 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



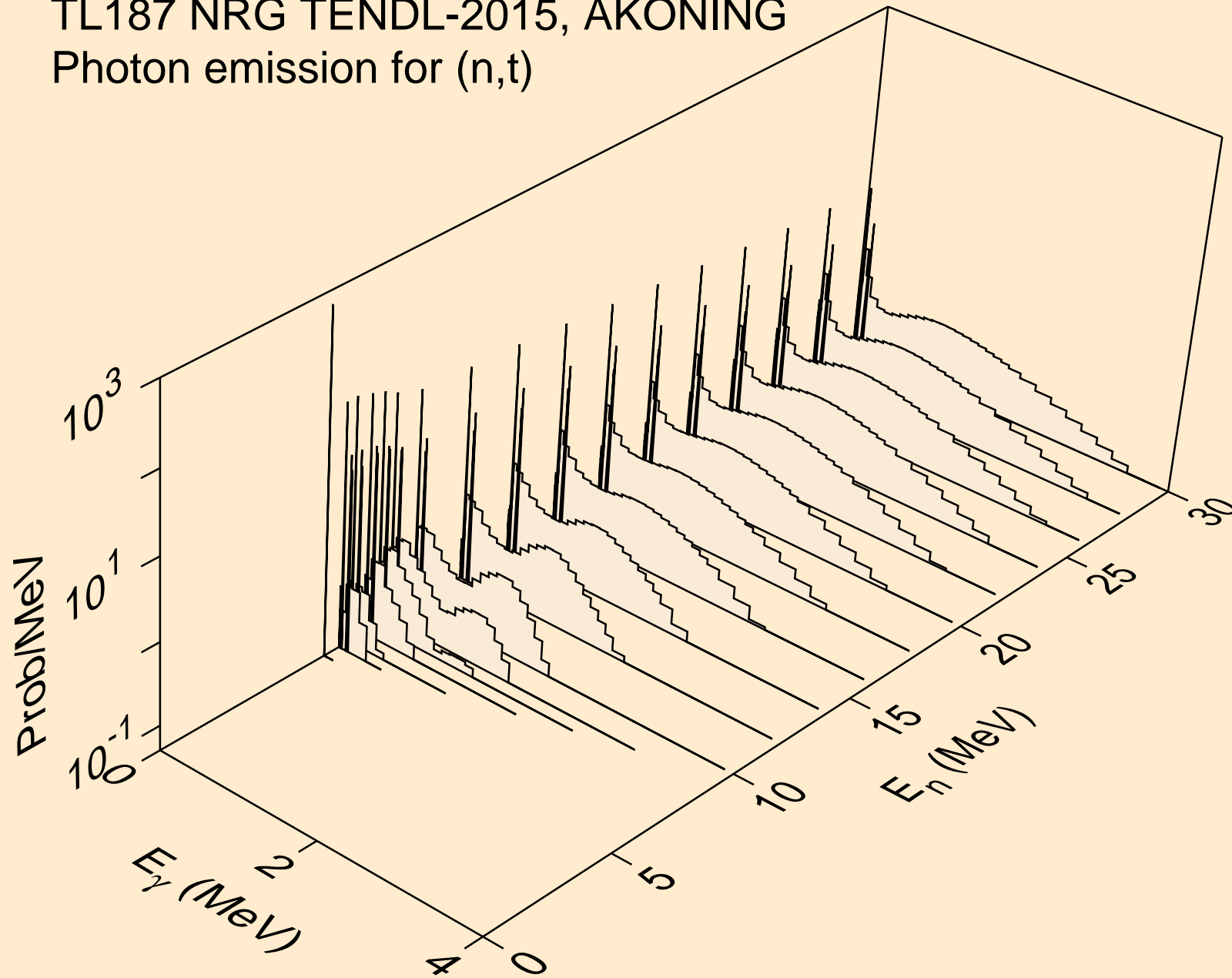
TL187 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



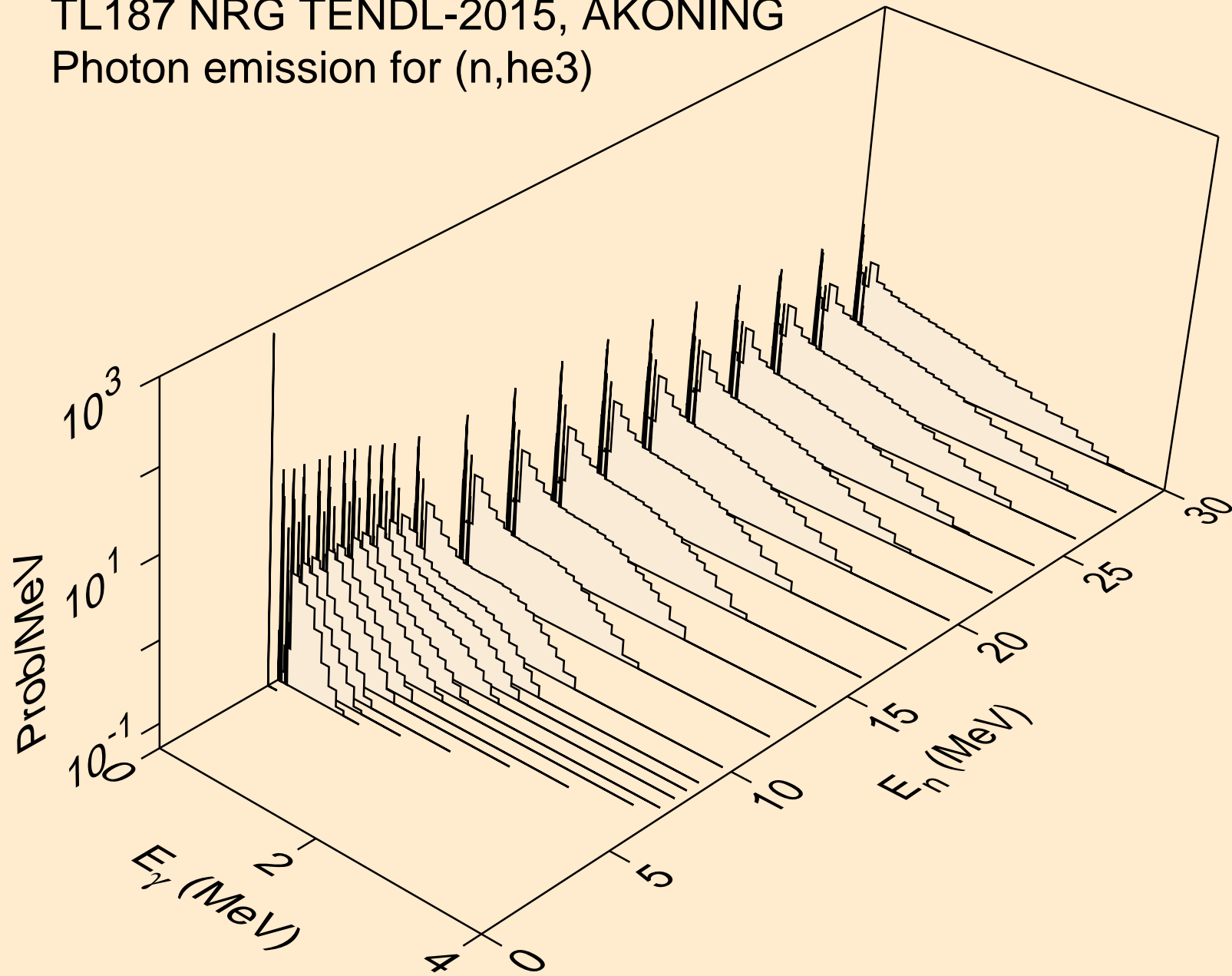
TL187 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



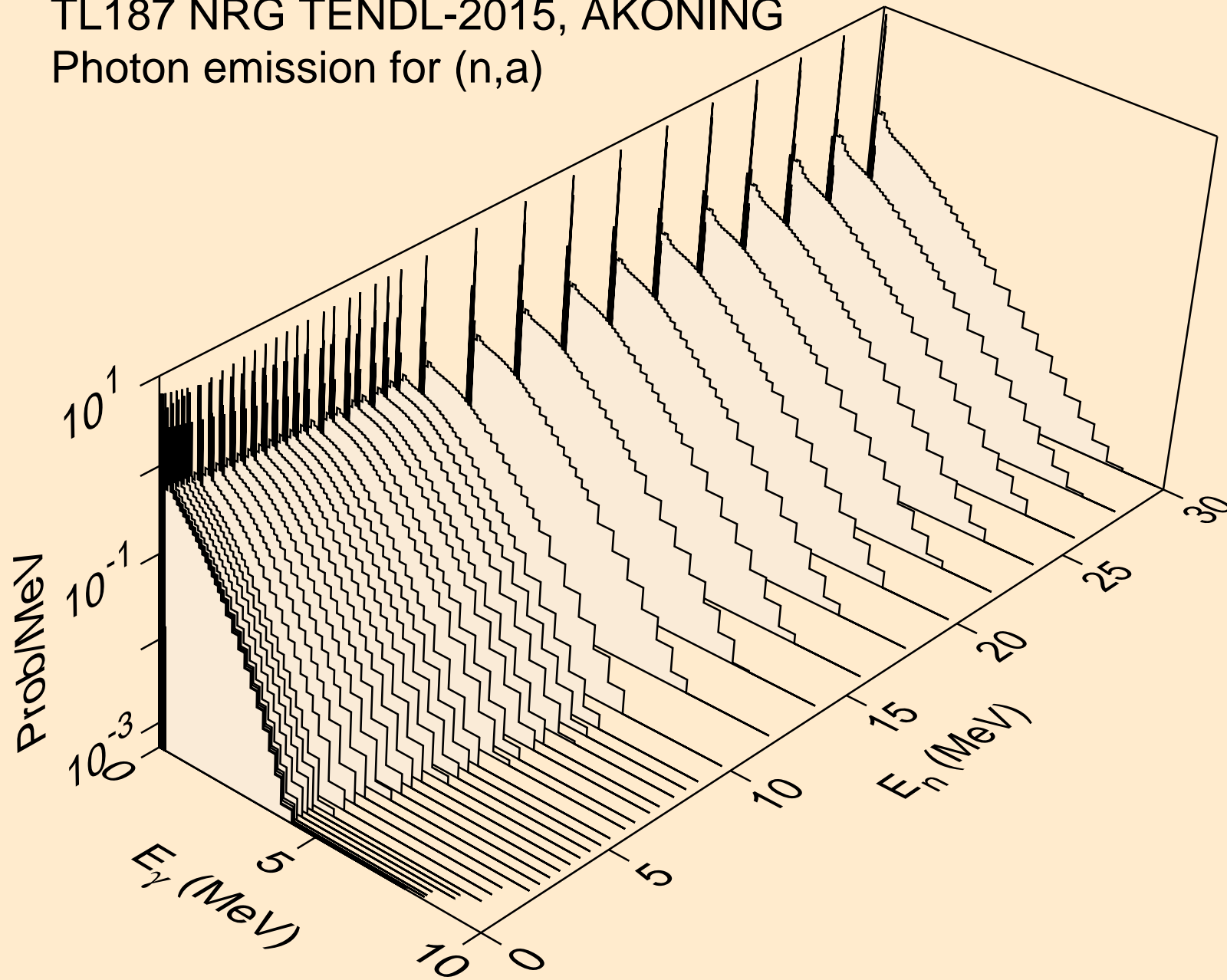
TL187 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



TL187 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

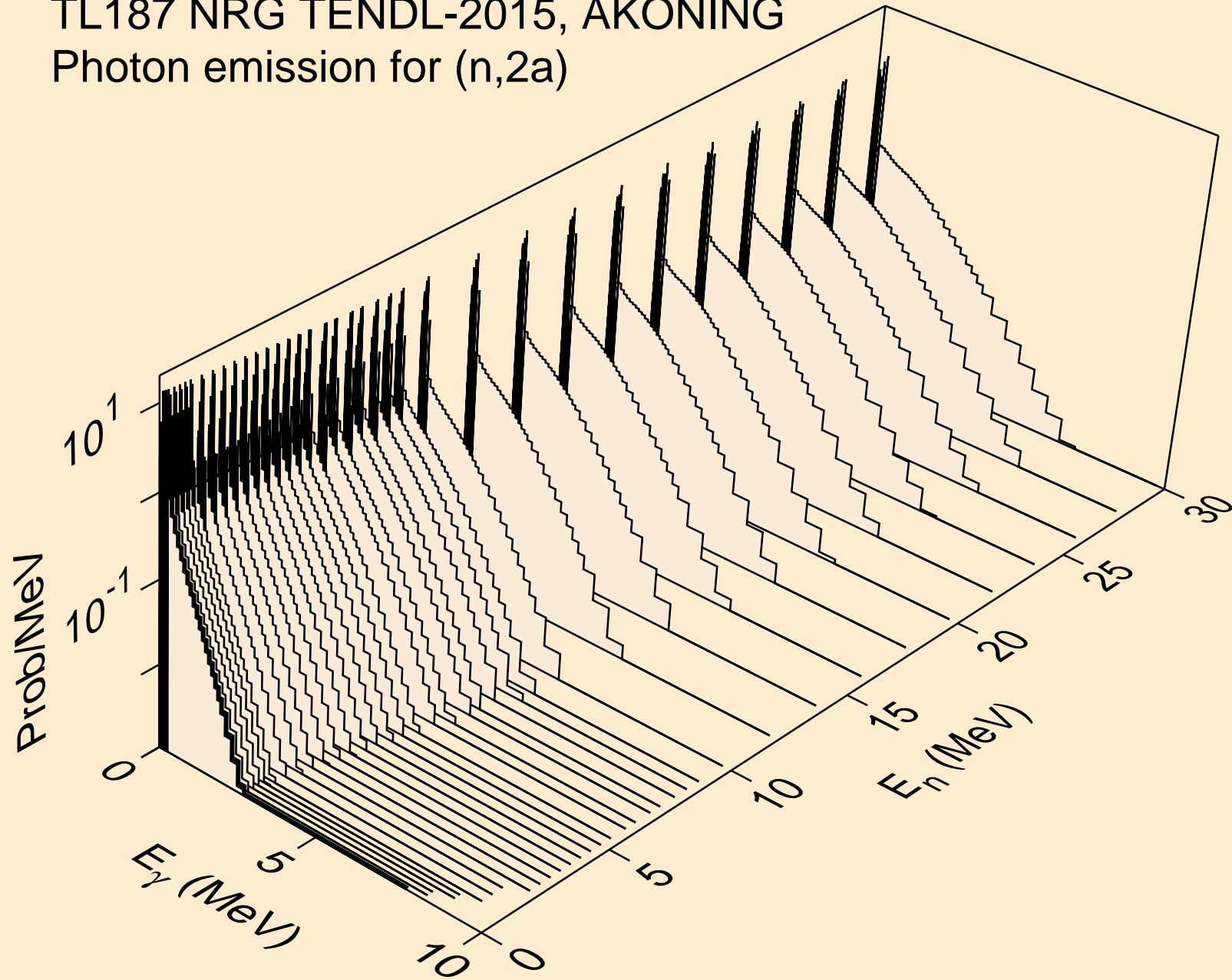


TL187 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

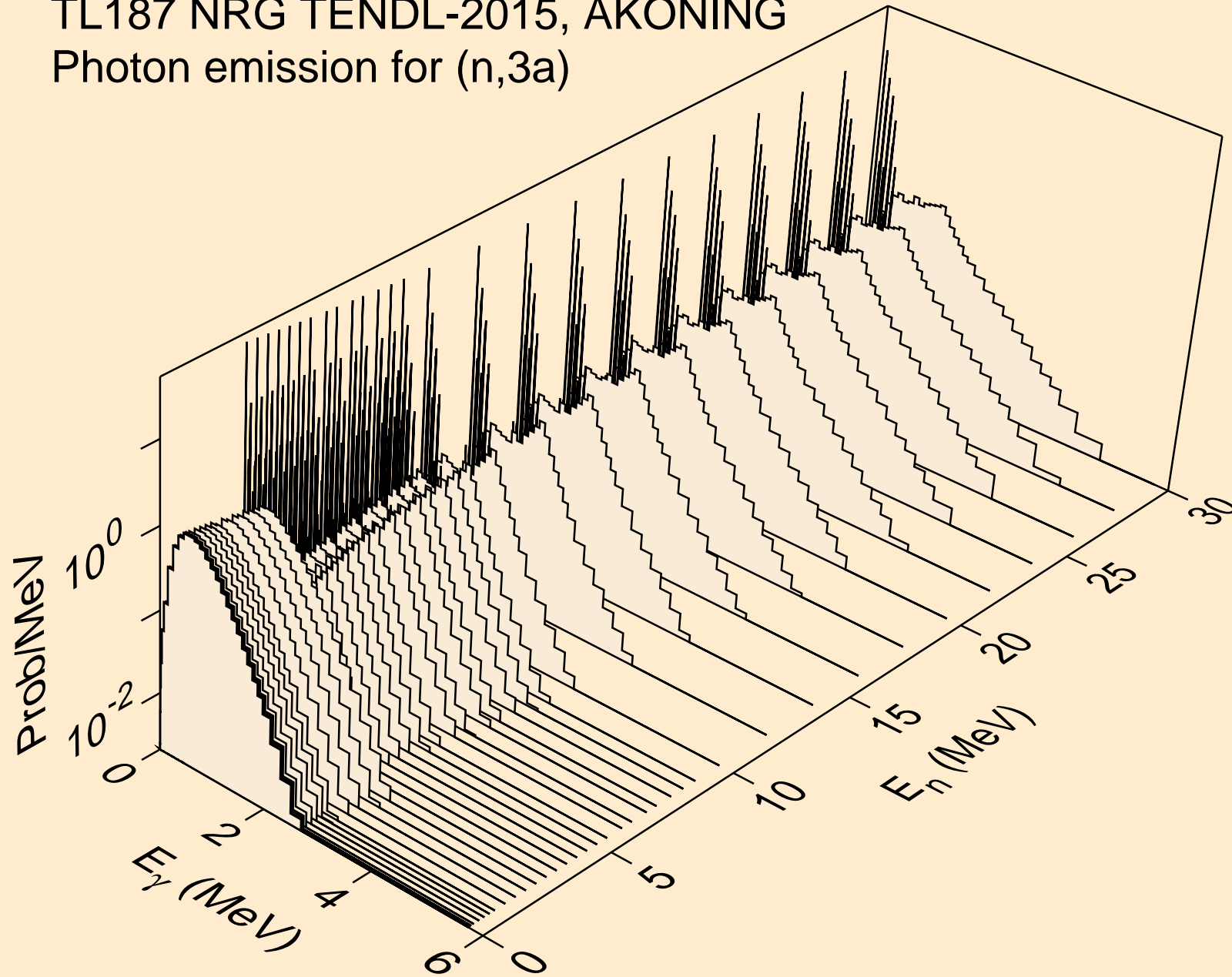




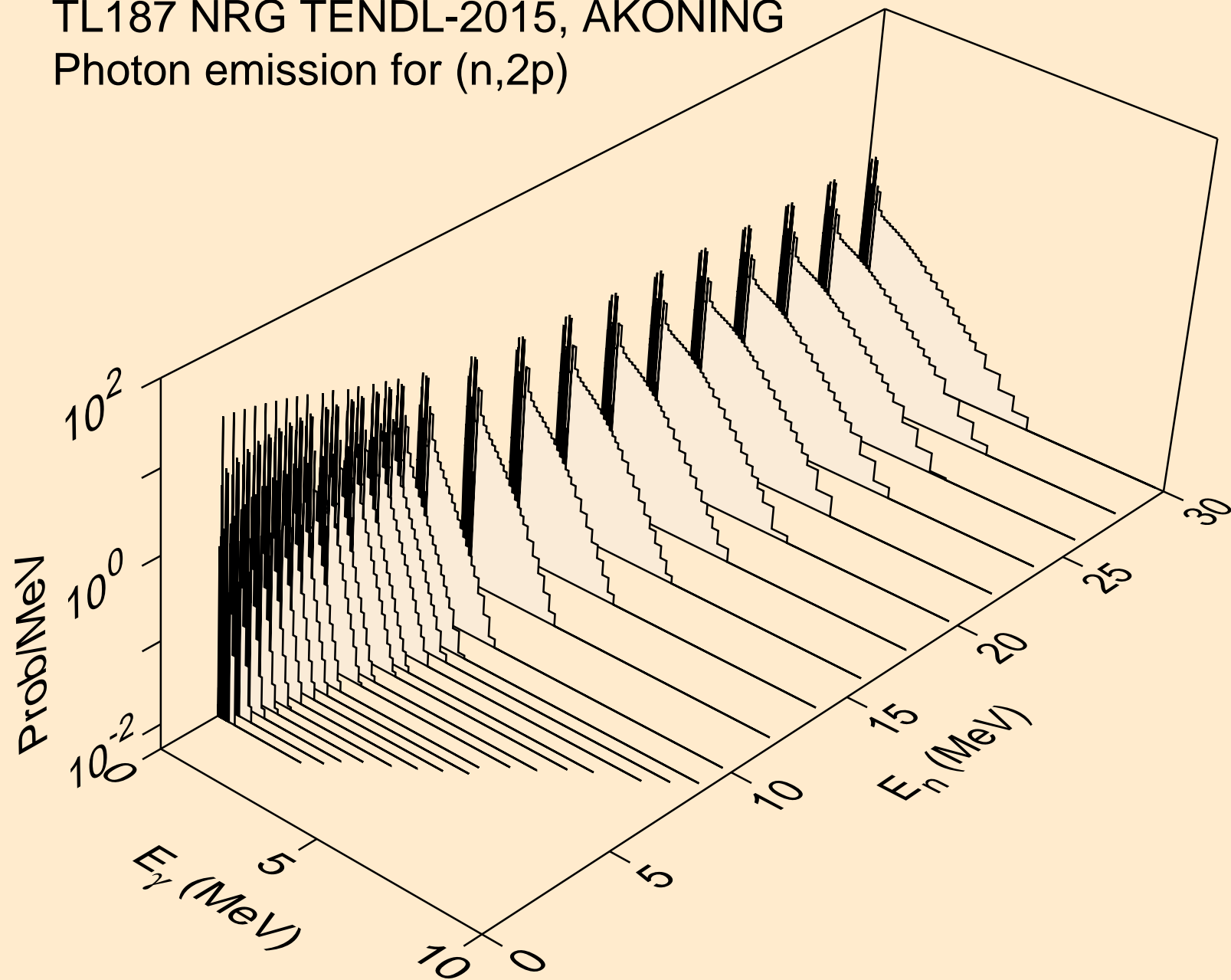
TL187 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



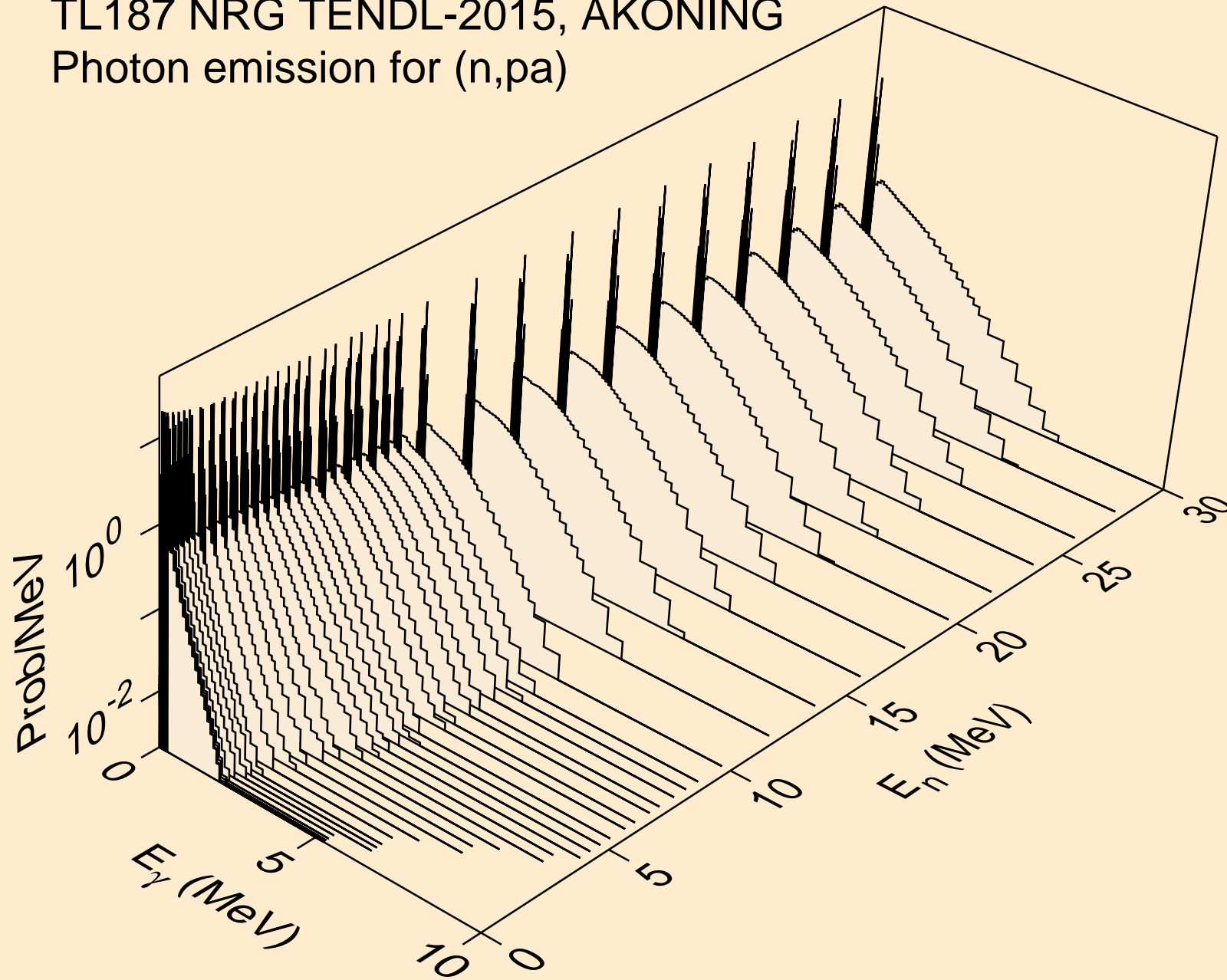
TL187 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



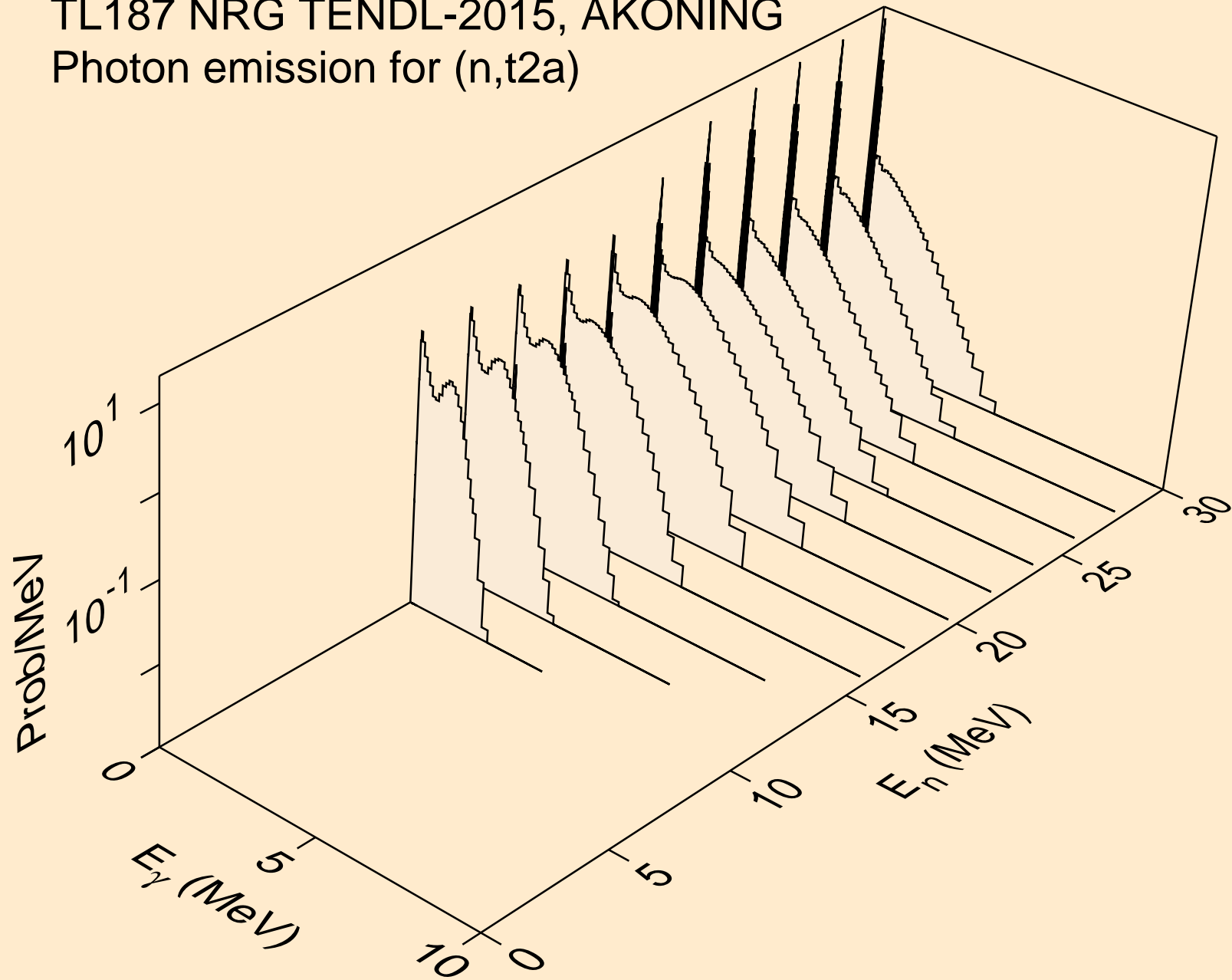
TL187 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



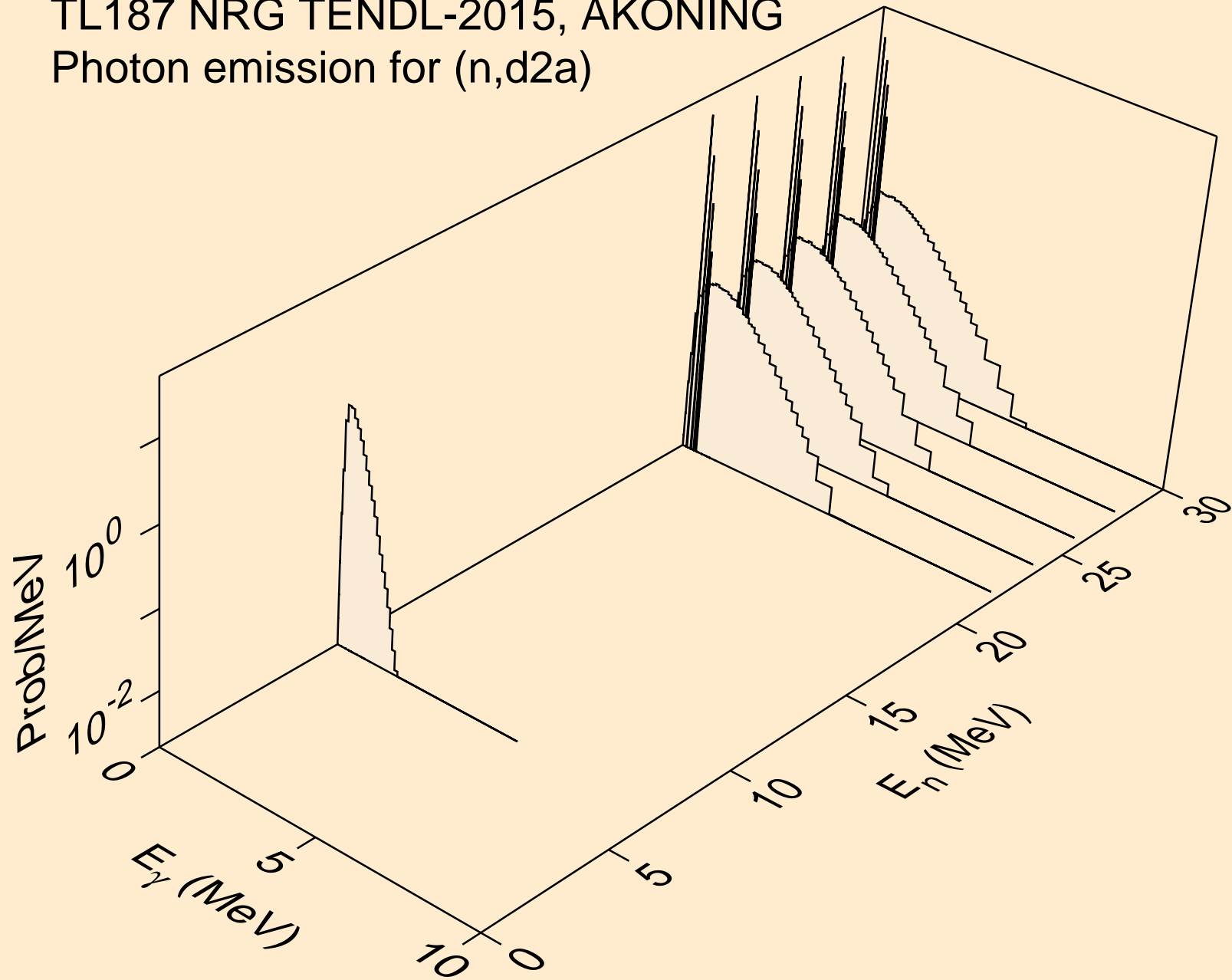
TL187 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



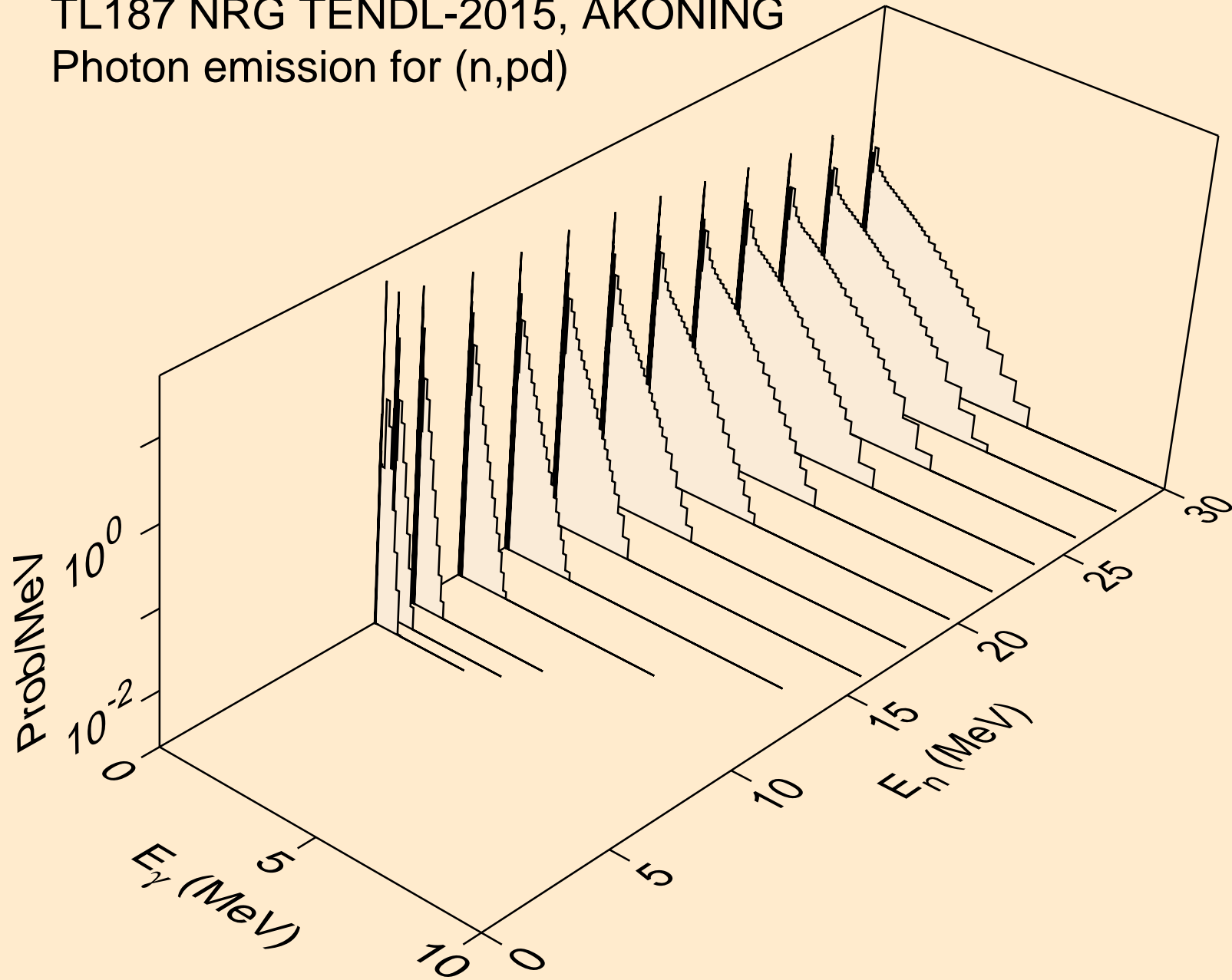
TL187 NRG TENDL-2015, AKONING  
Photon emission for (n,t2a)



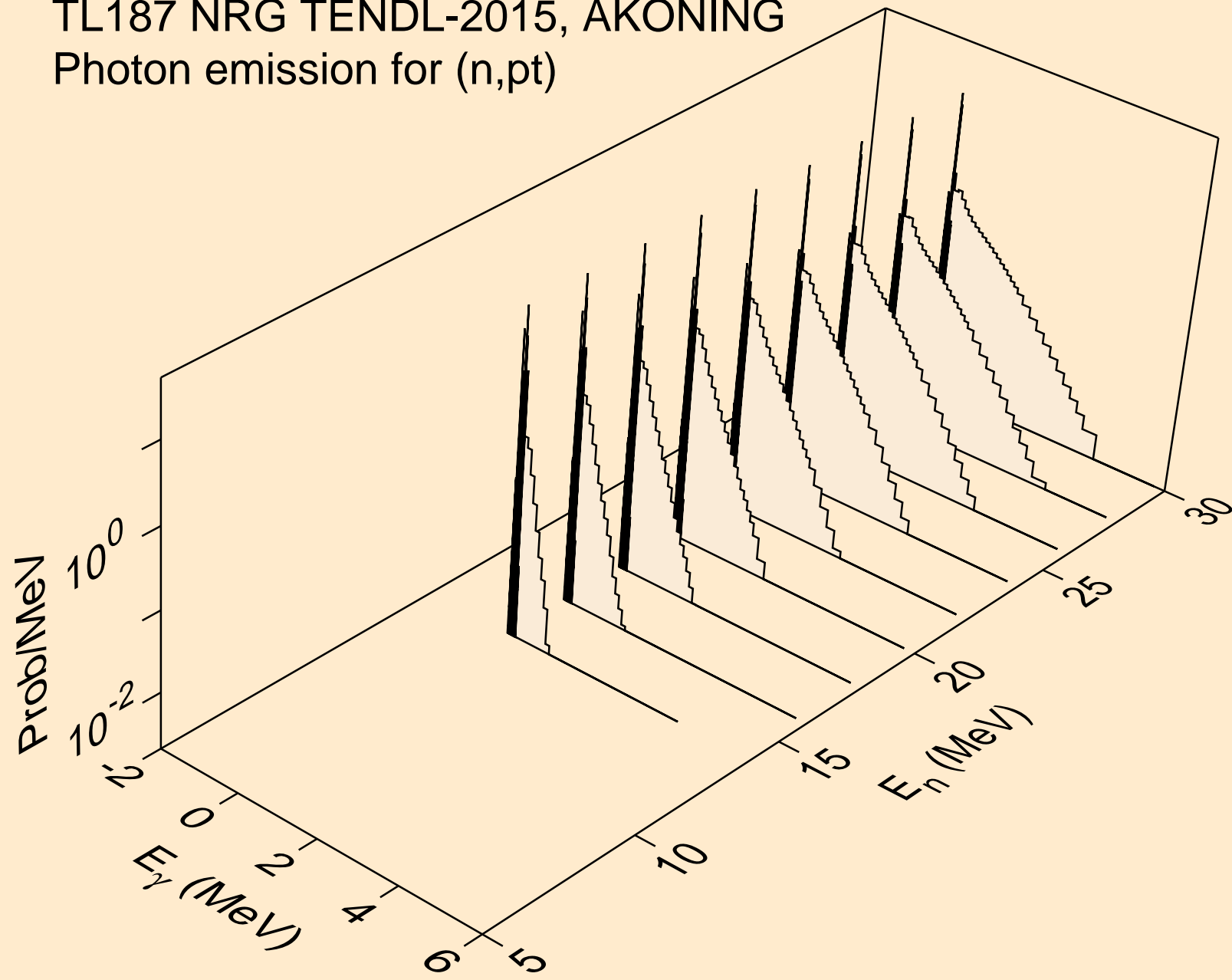
TL187 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)



TL187 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

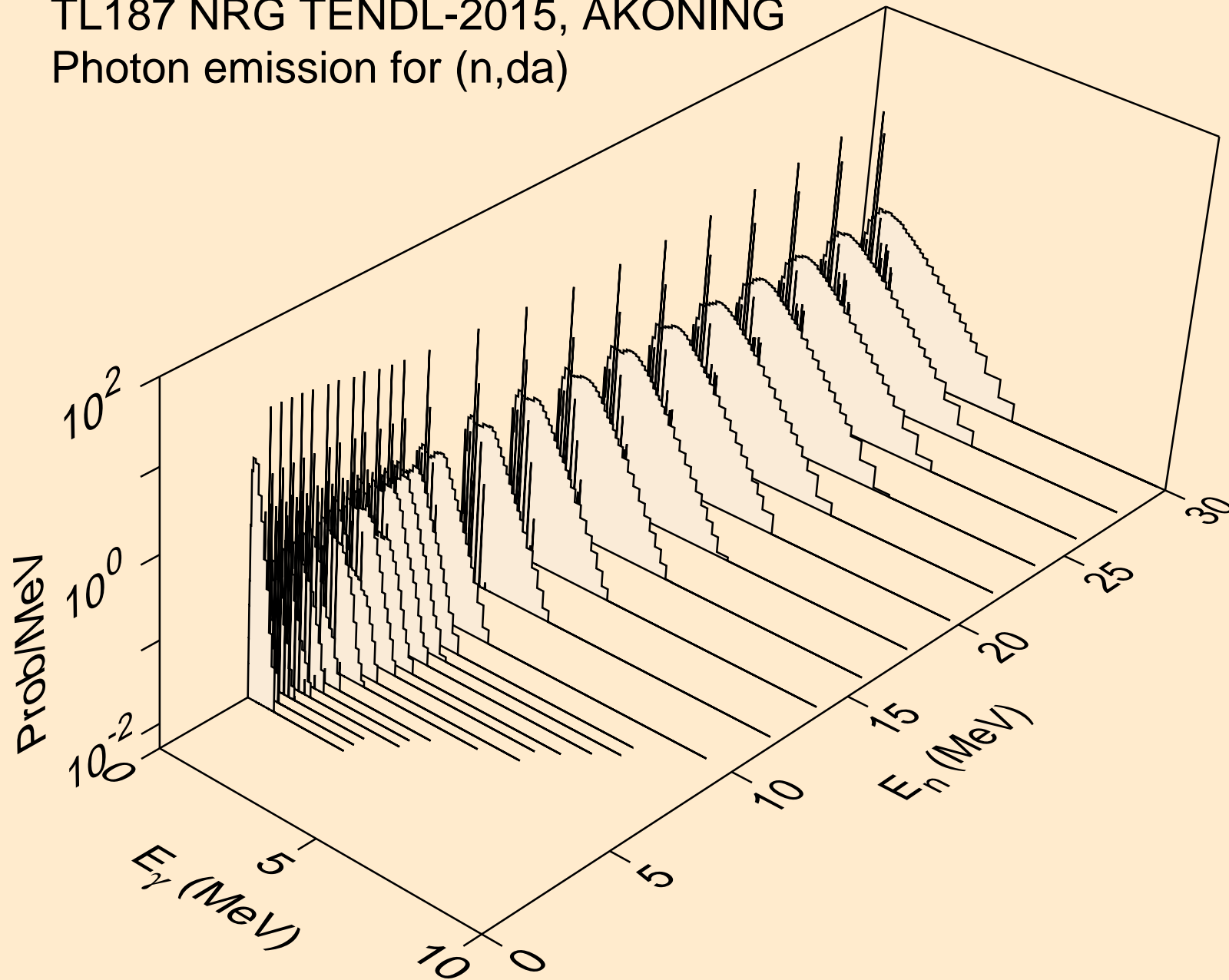


TL187 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)

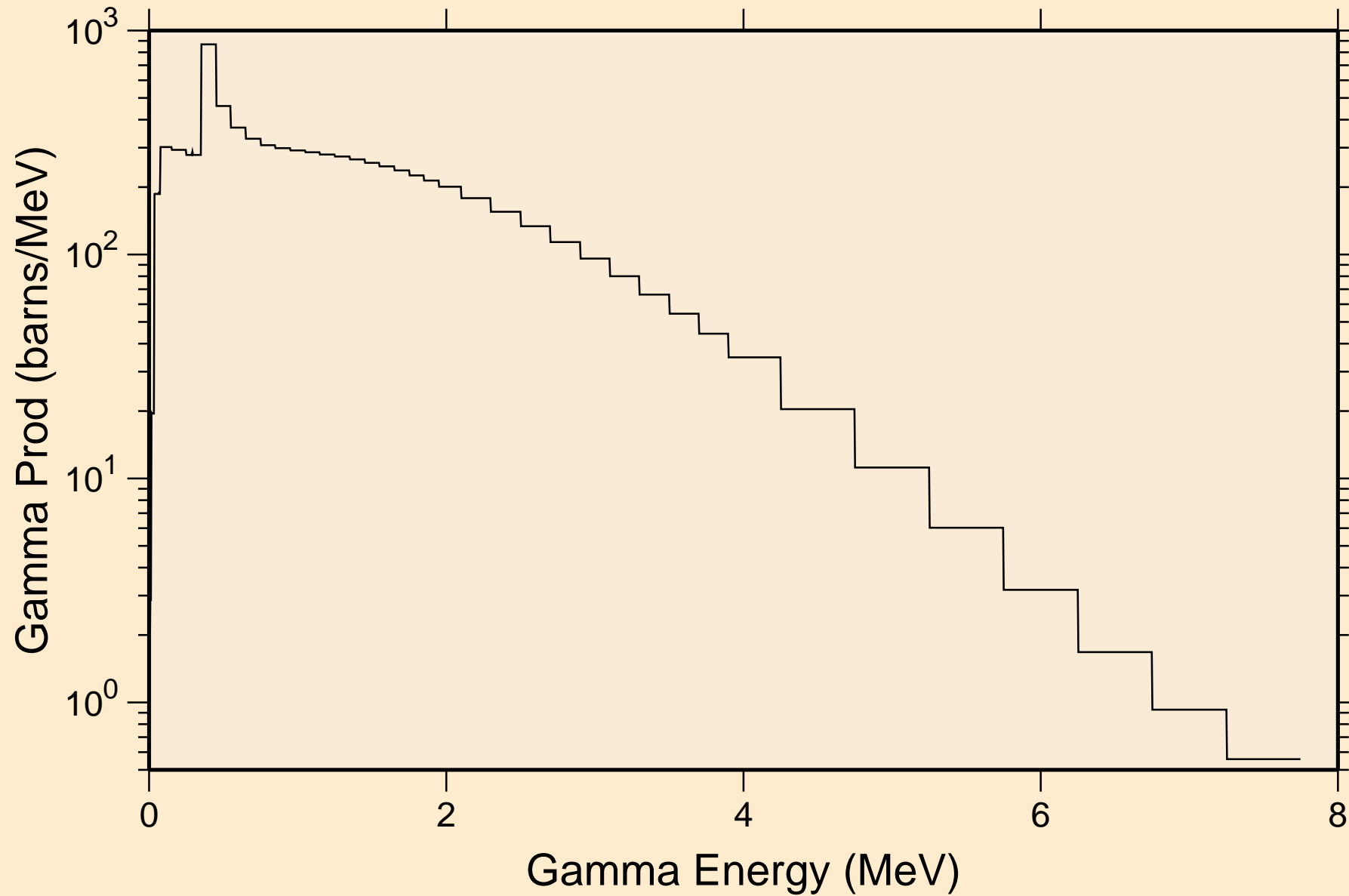




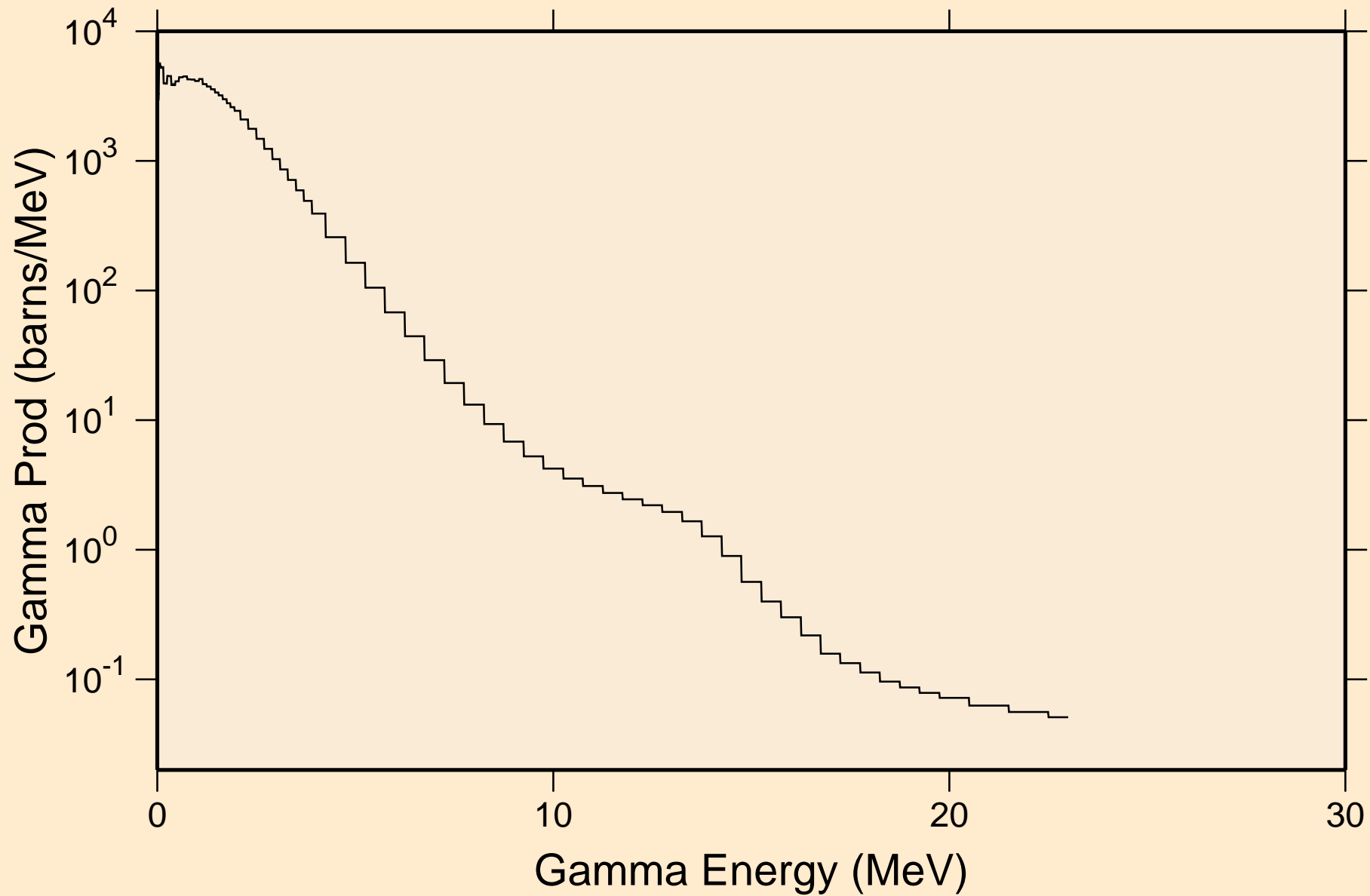
TL187 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



TL187 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

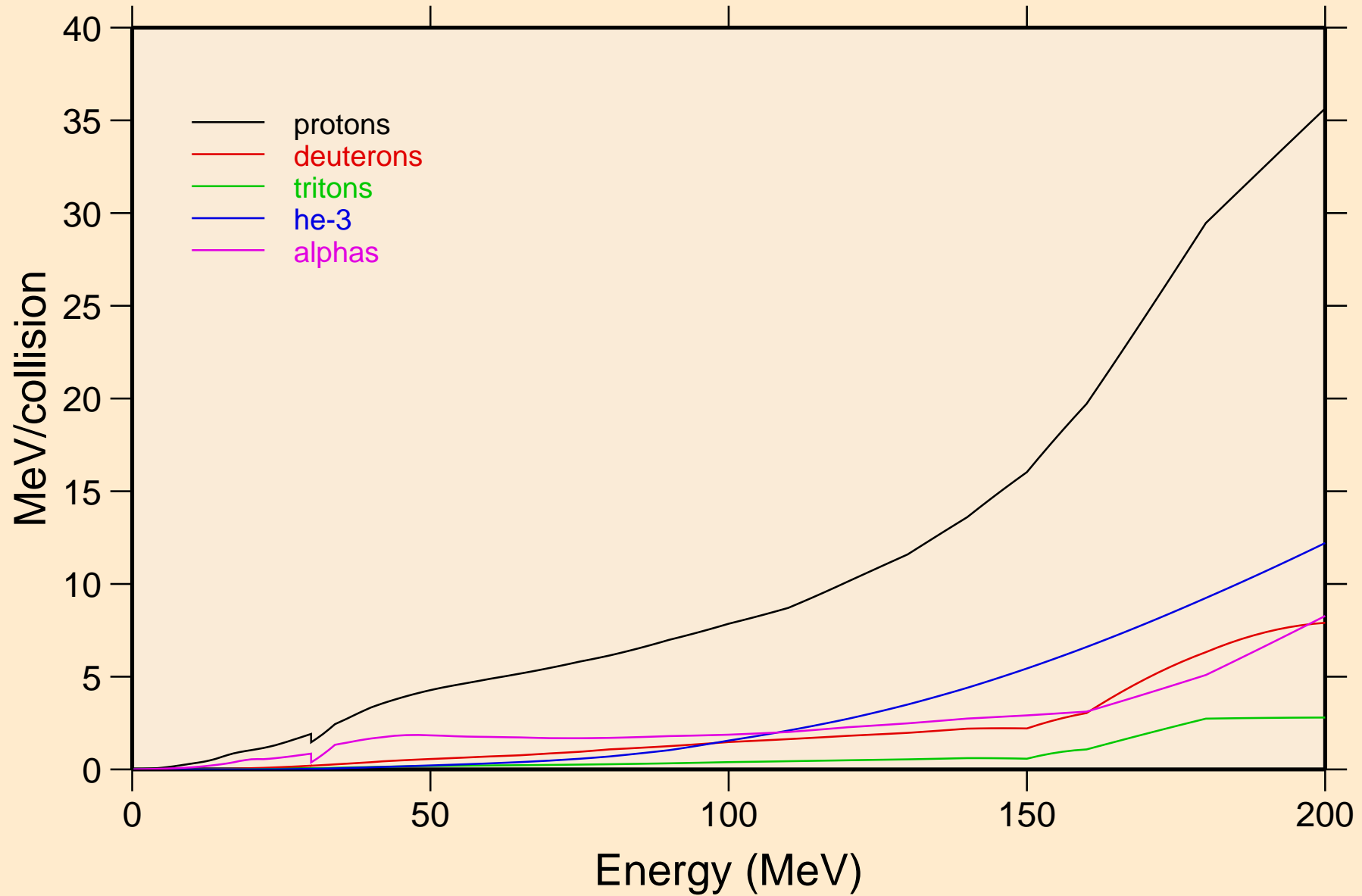


TL187 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



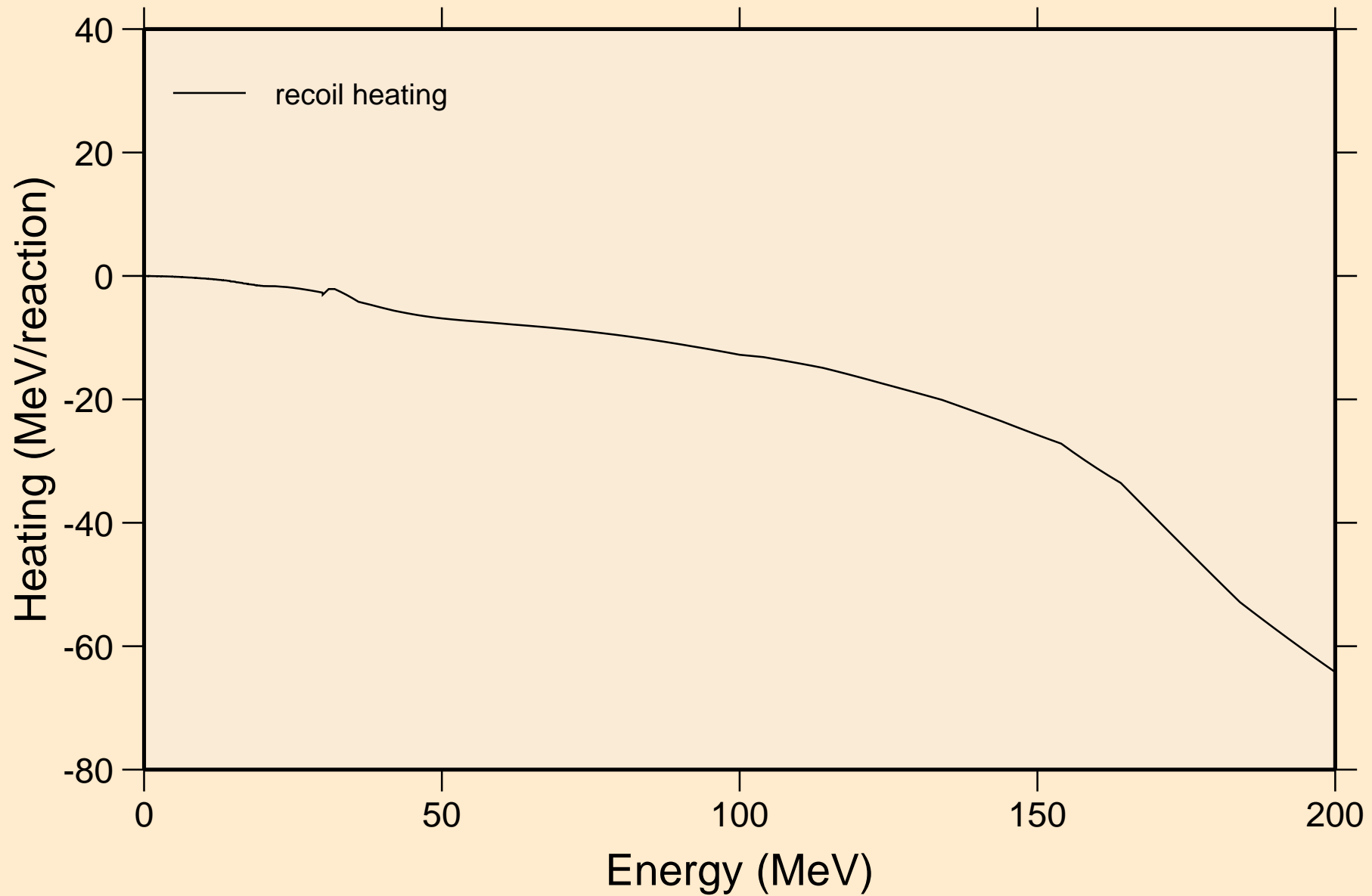
# TL187 NRG TENDL-2015, AKONING

## Particle heating contributions

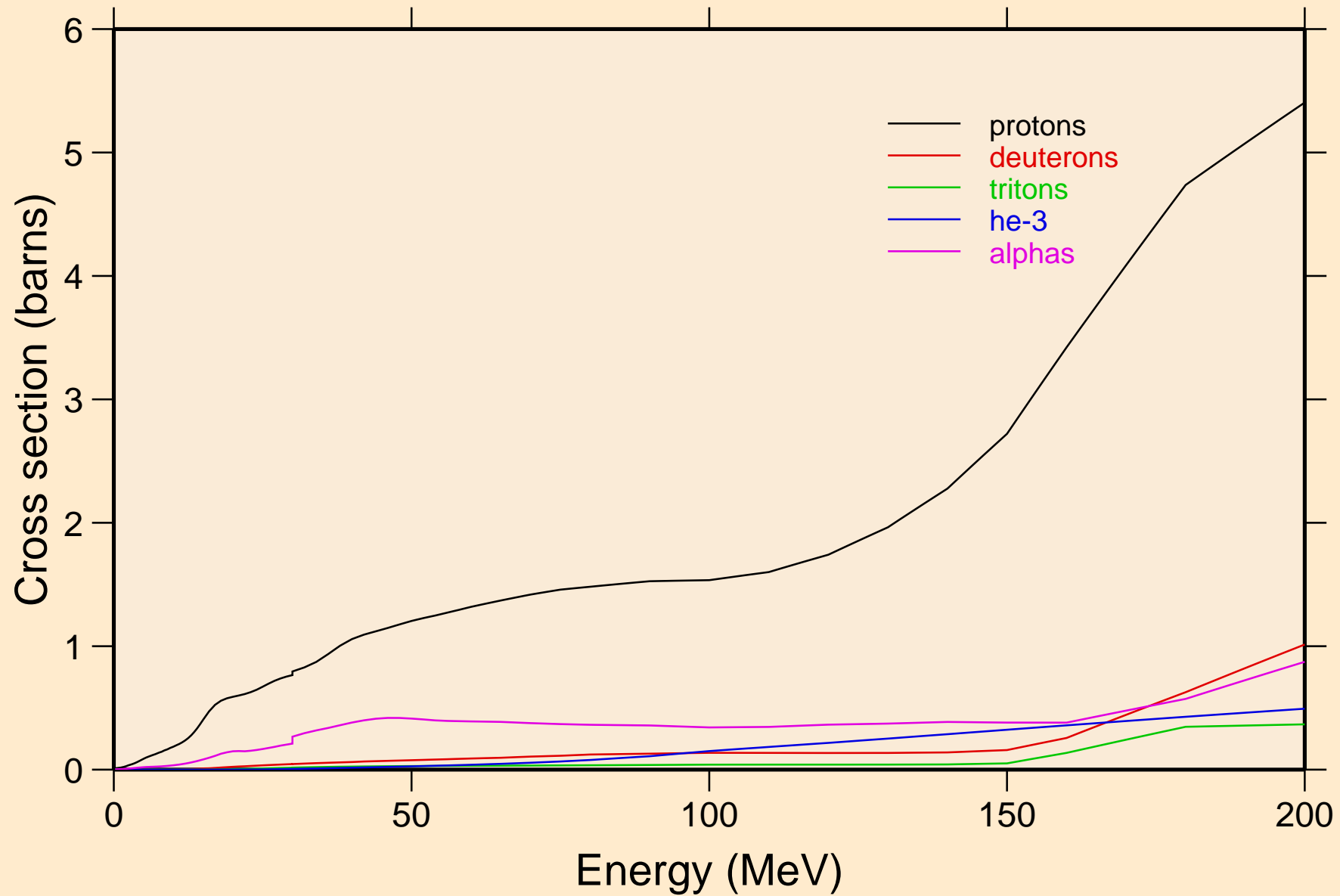


# TL187 NRG TENDL-2015, AKONING

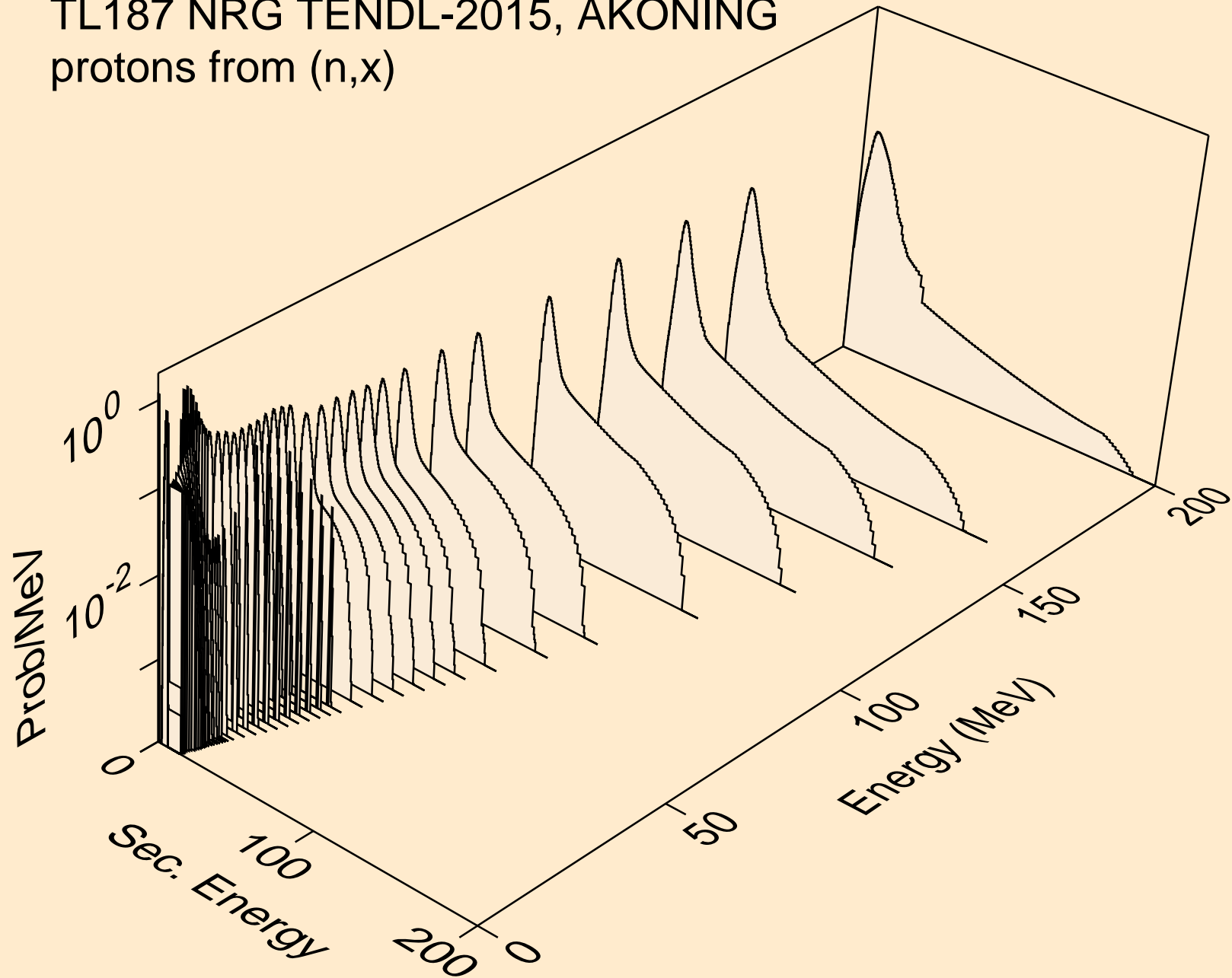
## Recoil Heating



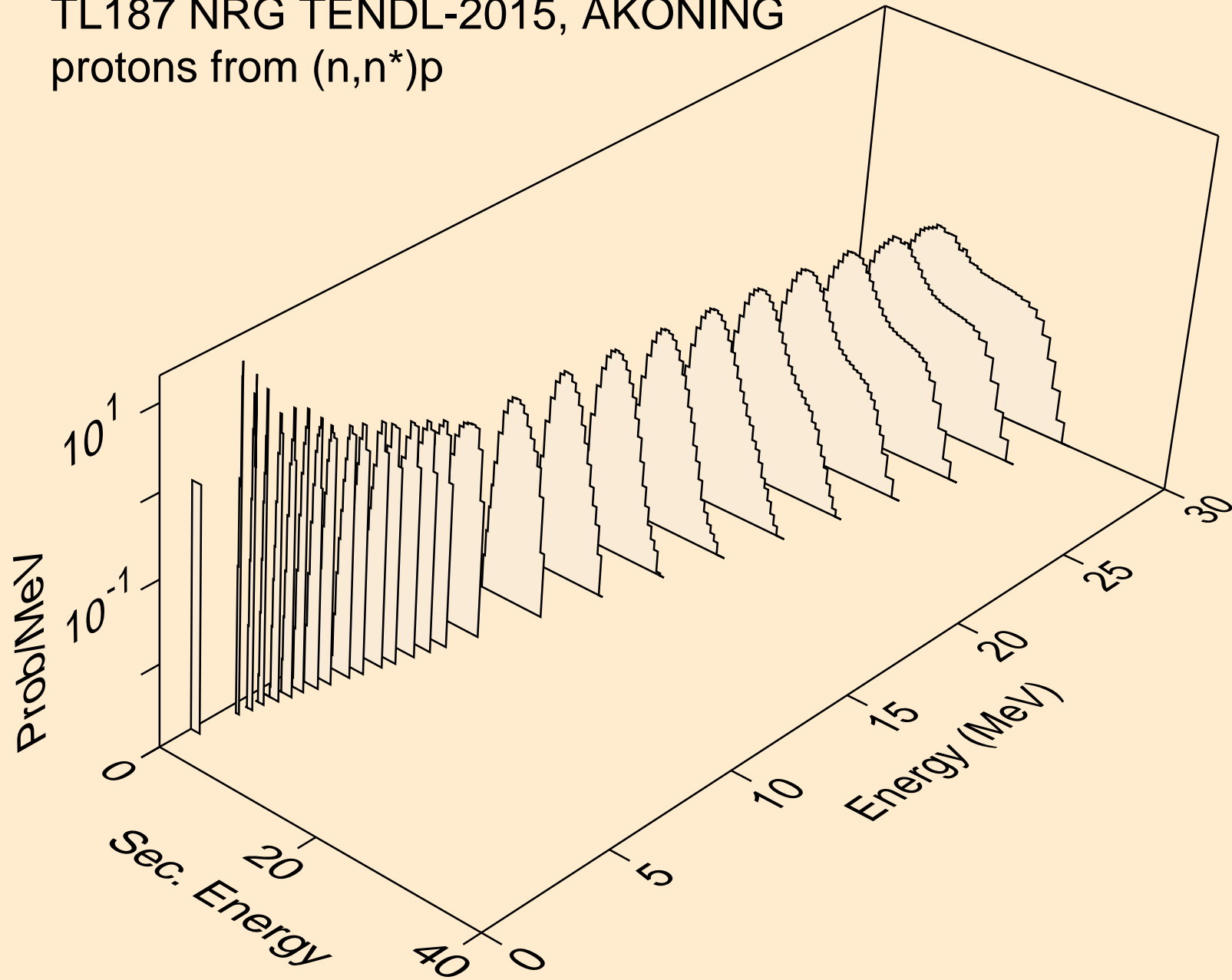
TL187 NRG TENDL-2015, AKONING  
Particle production cross sections



TL187 NRG TENDL-2015, AKONING  
protons from (n,x)

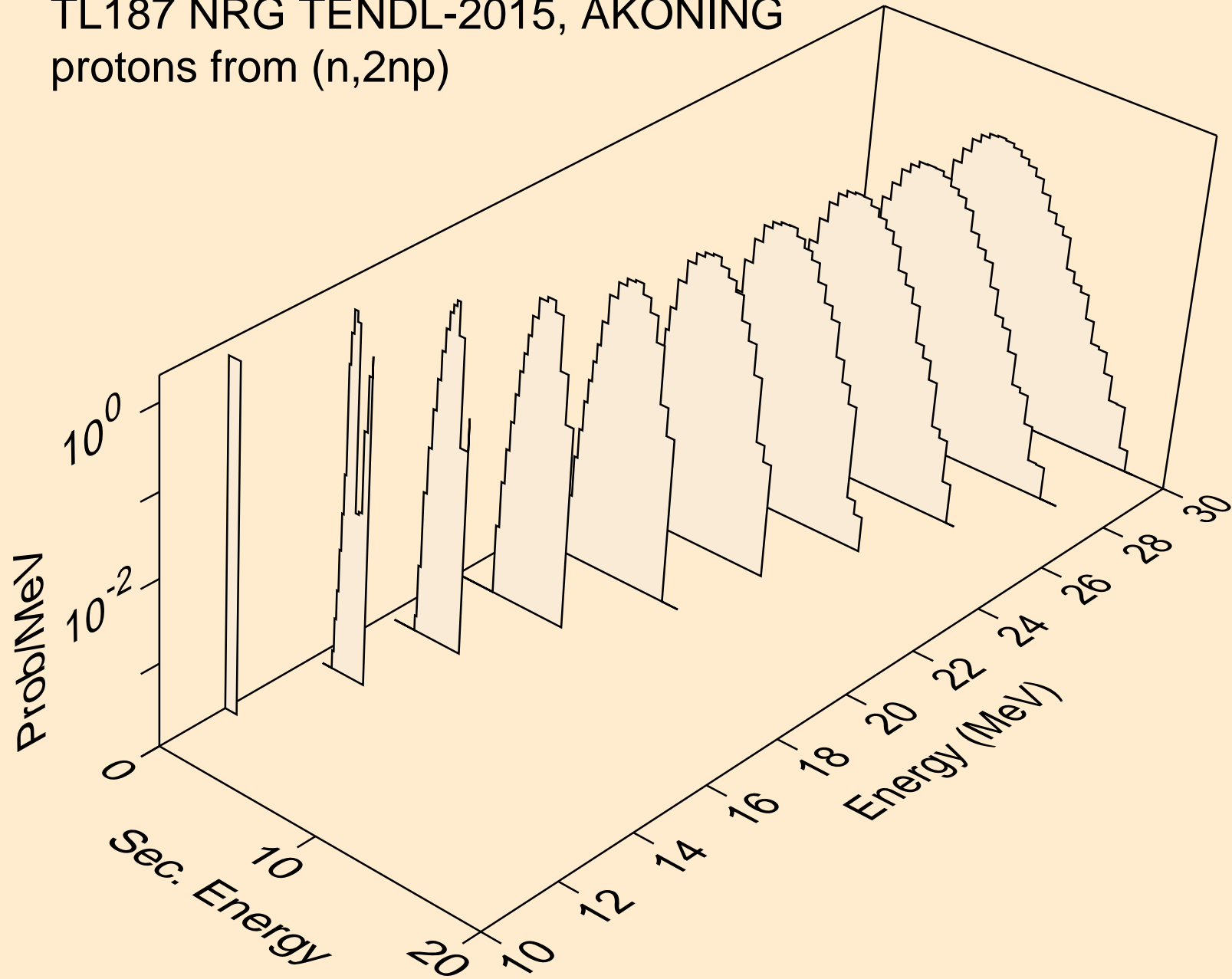


TL187 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

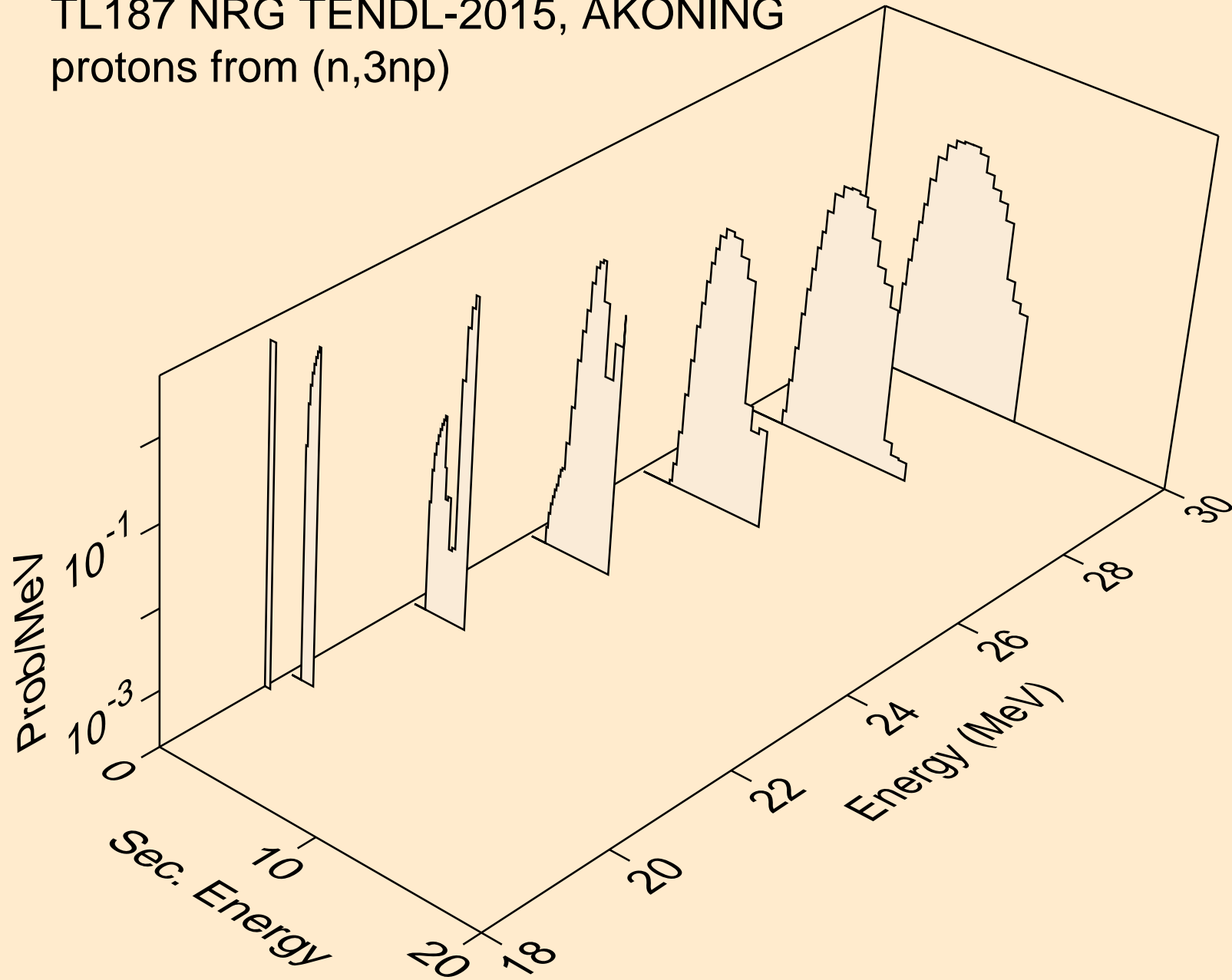




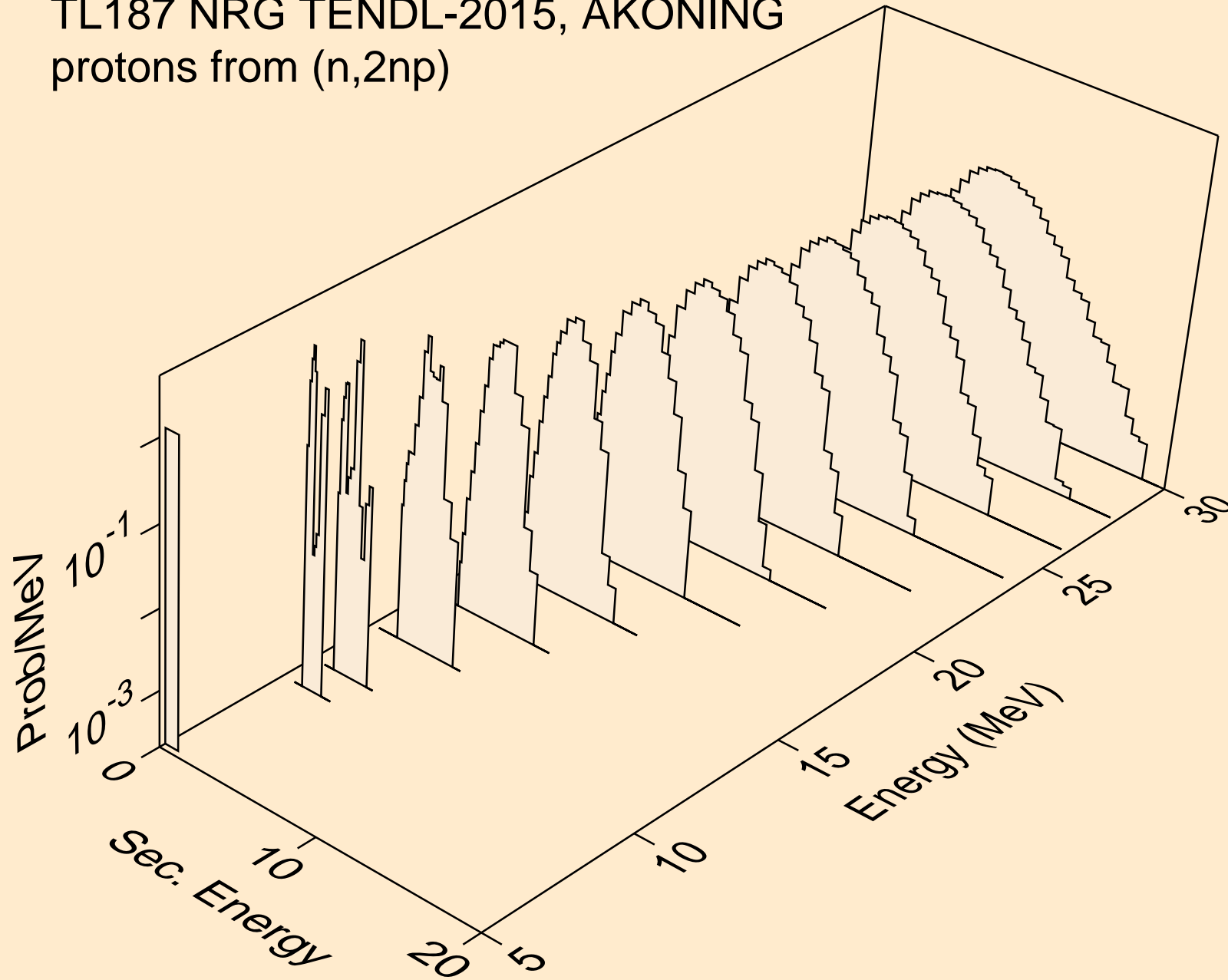
TL187 NRG TENDL-2015, AKONING  
protons from (n,2np)



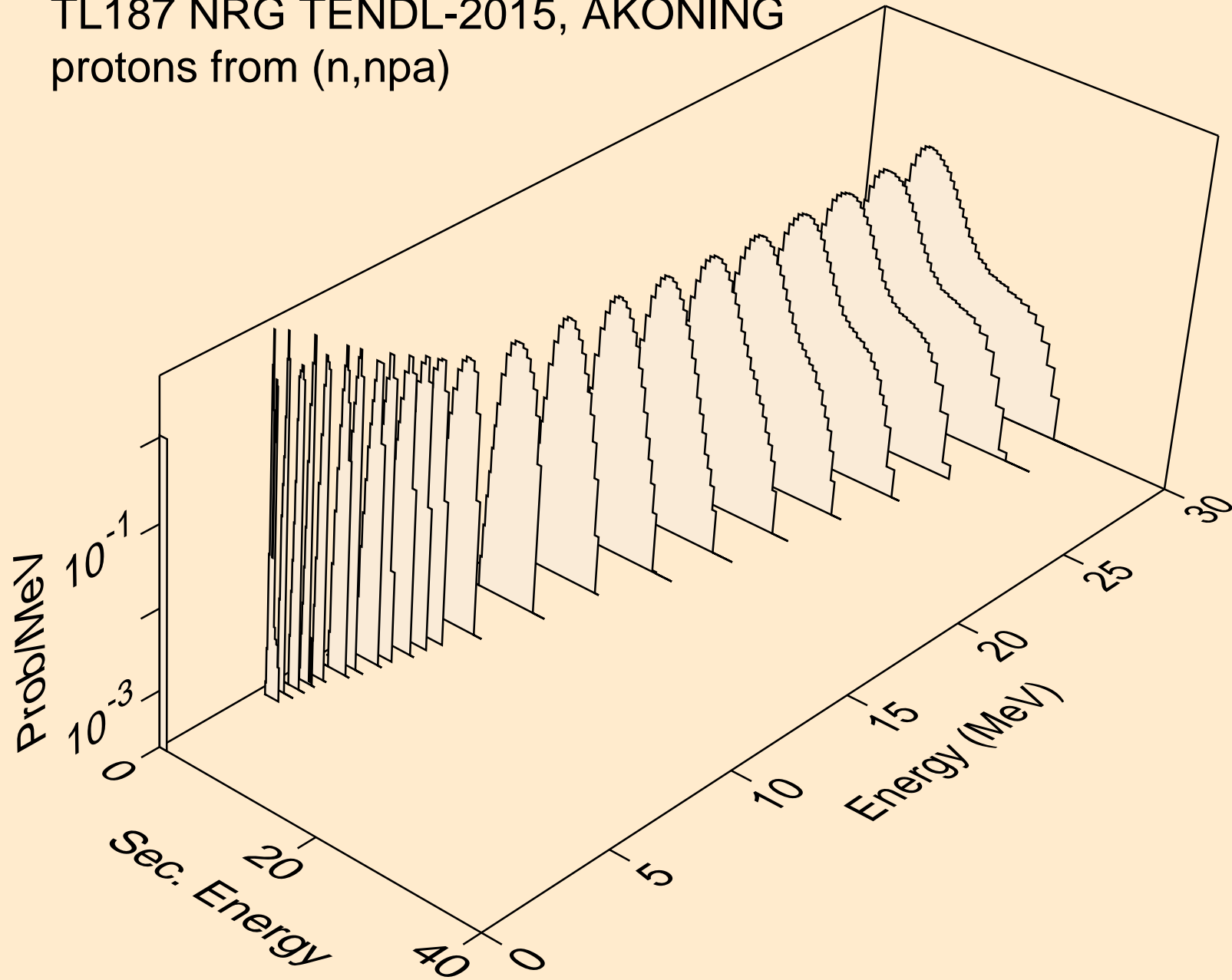
TL187 NRG TENDL-2015, AKONING  
protons from (n,3np)



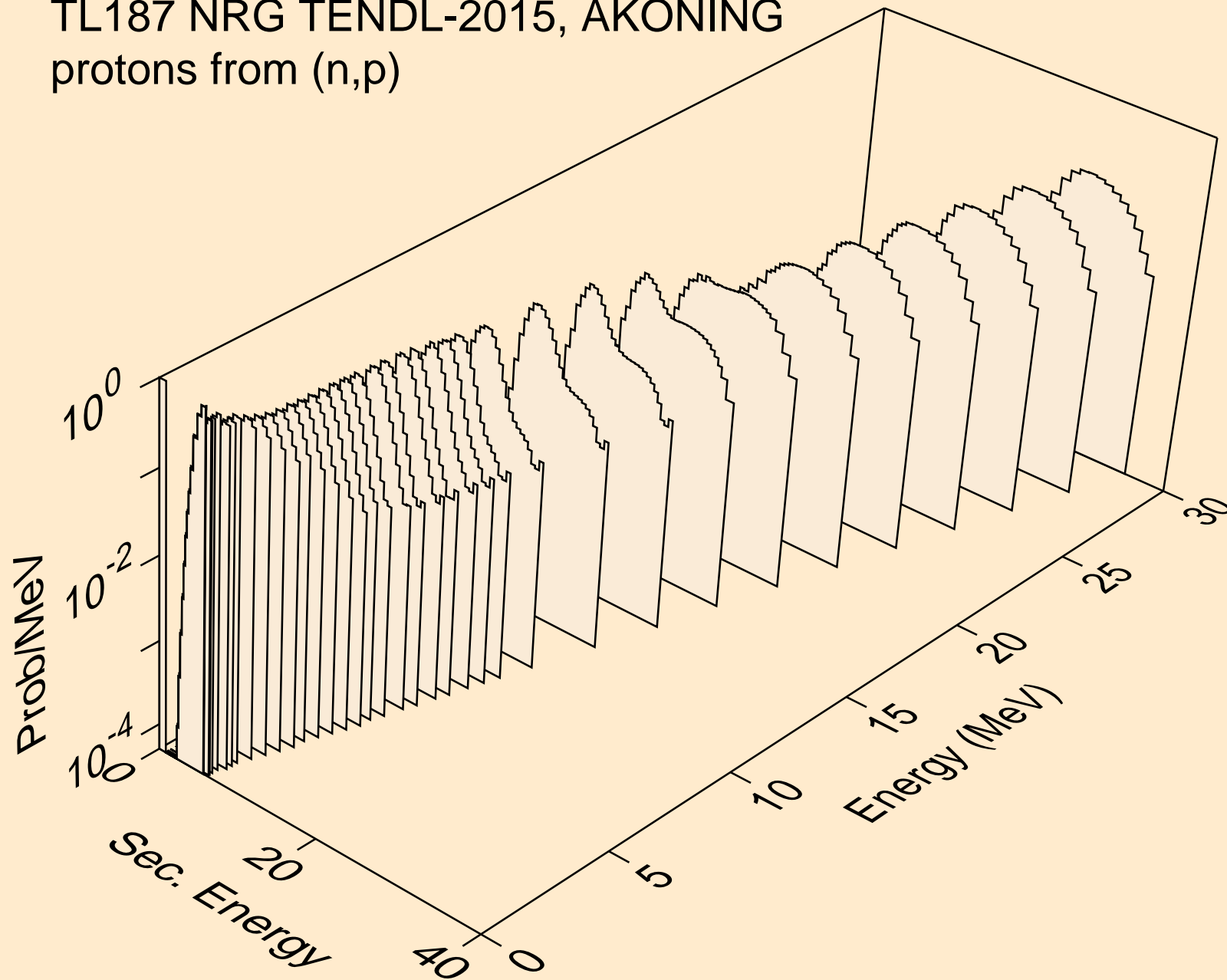
TL187 NRG TENDL-2015, AKONING  
protons from (n,2np)



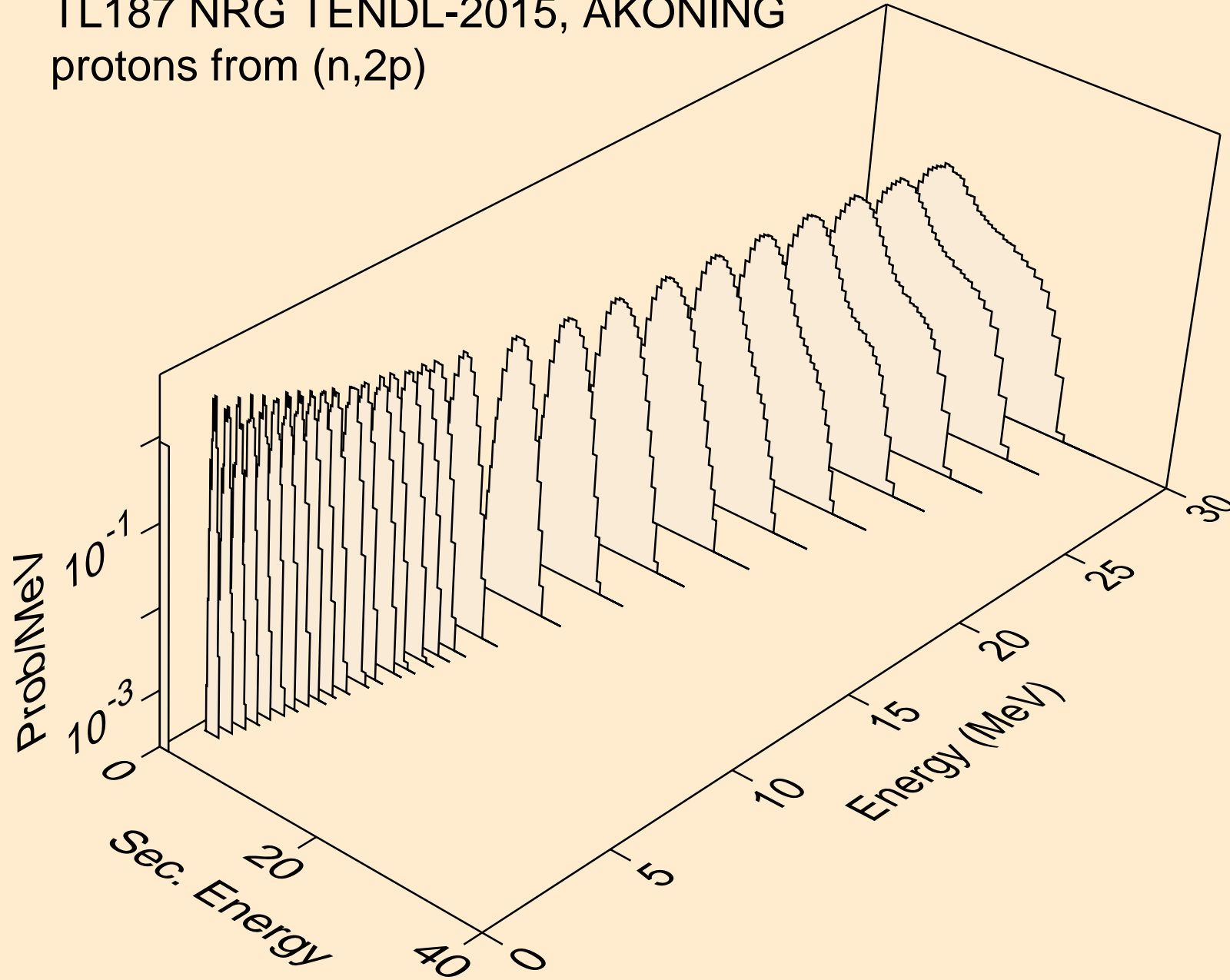
TL187 NRG TENDL-2015, AKONING  
protons from (n,npa)



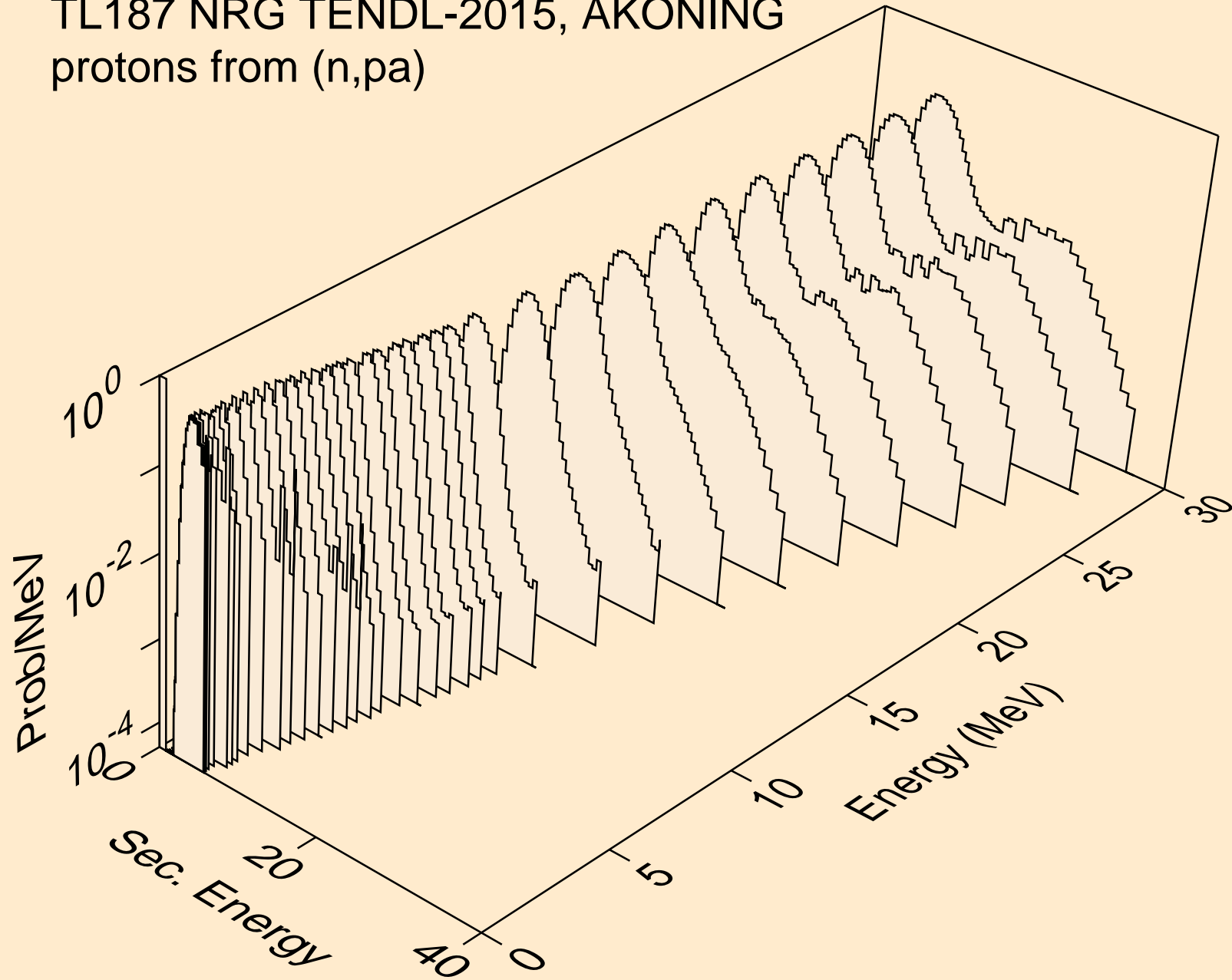
TL187 NRG TENDL-2015, AKONING  
protons from (n,p)



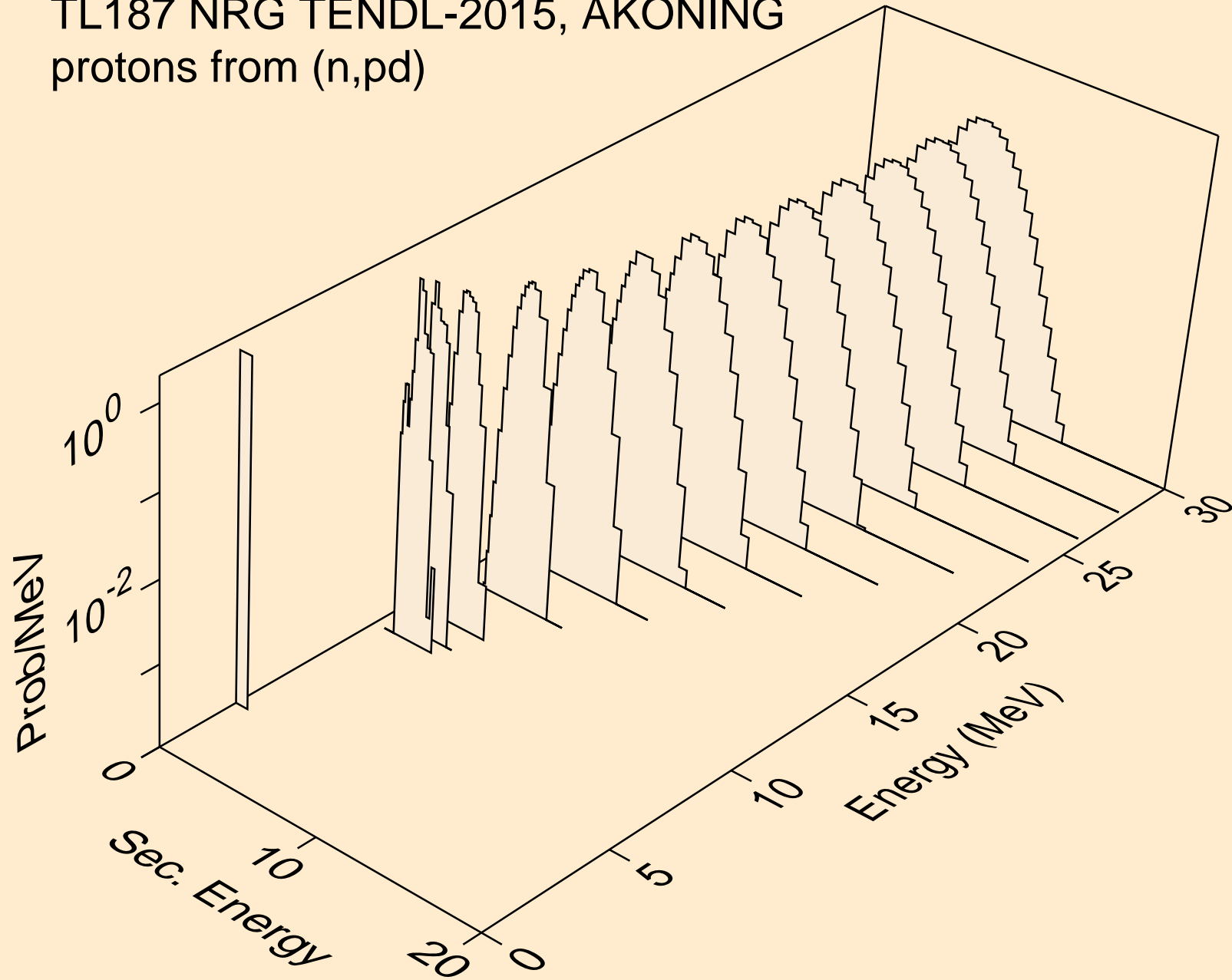
TL187 NRG TENDL-2015, AKONING  
protons from (n,2p)



TL187 NRG TENDL-2015, AKONING  
protons from (n,pa)

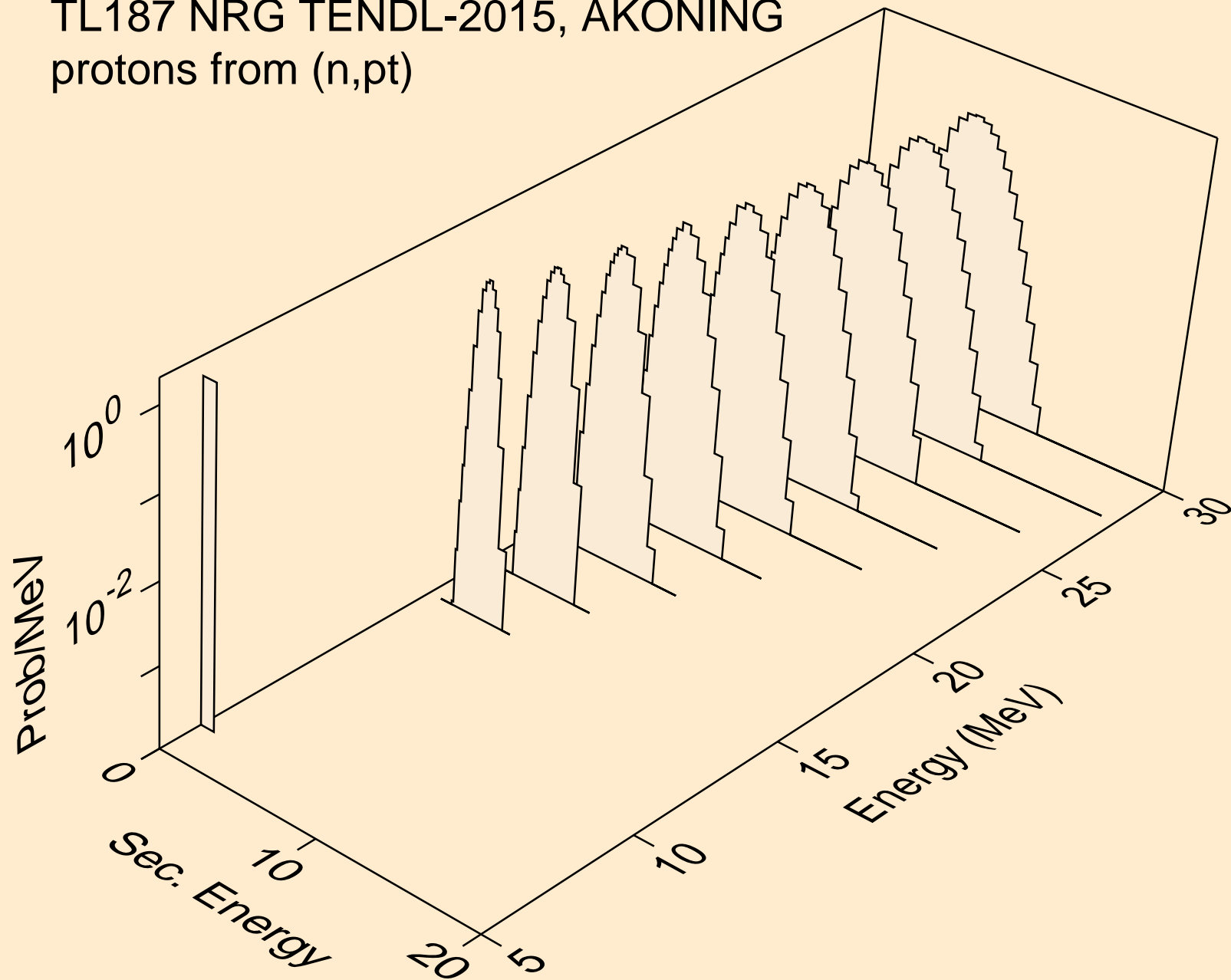


TL187 NRG TENDL-2015, AKONING  
protons from (n,pd)

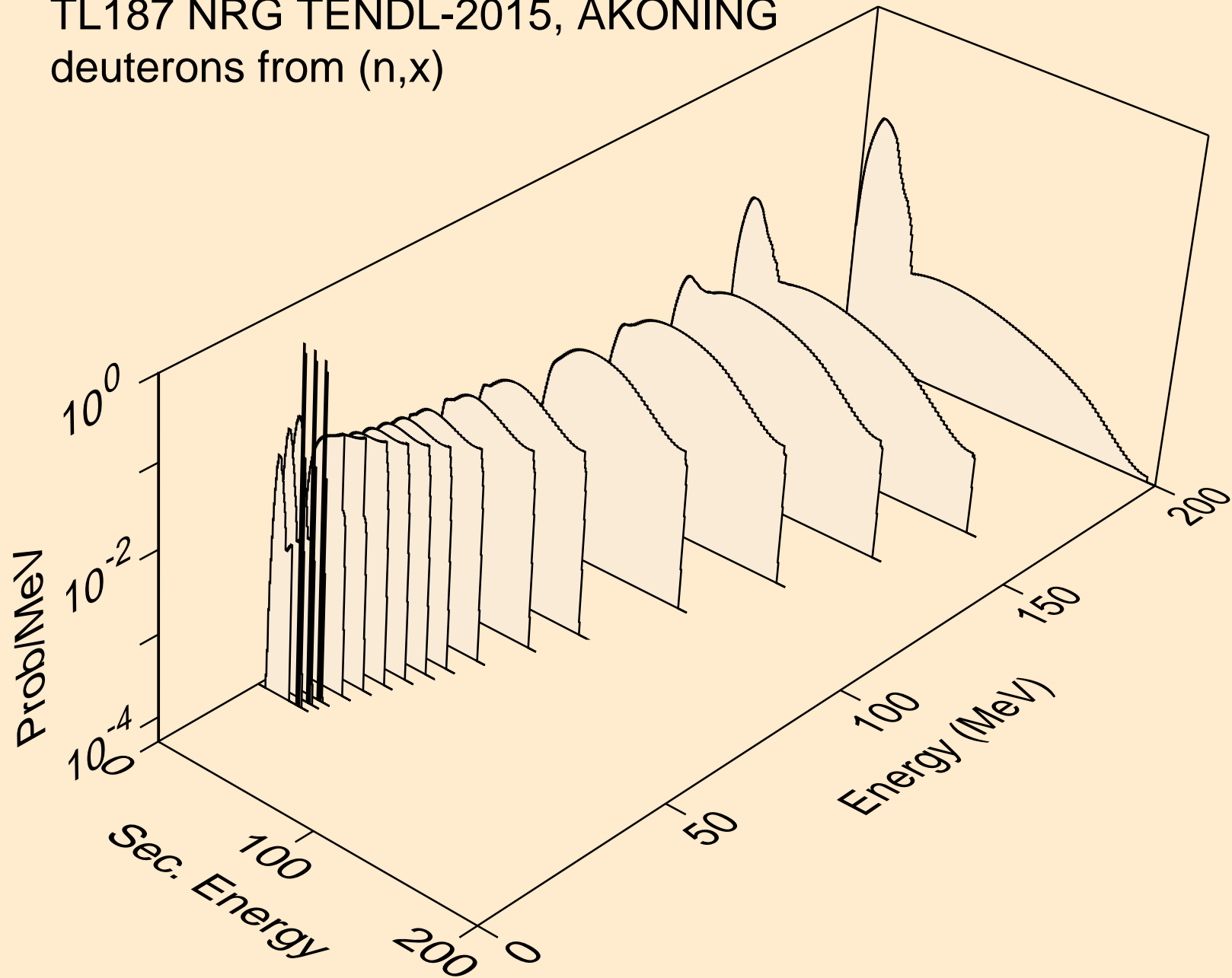




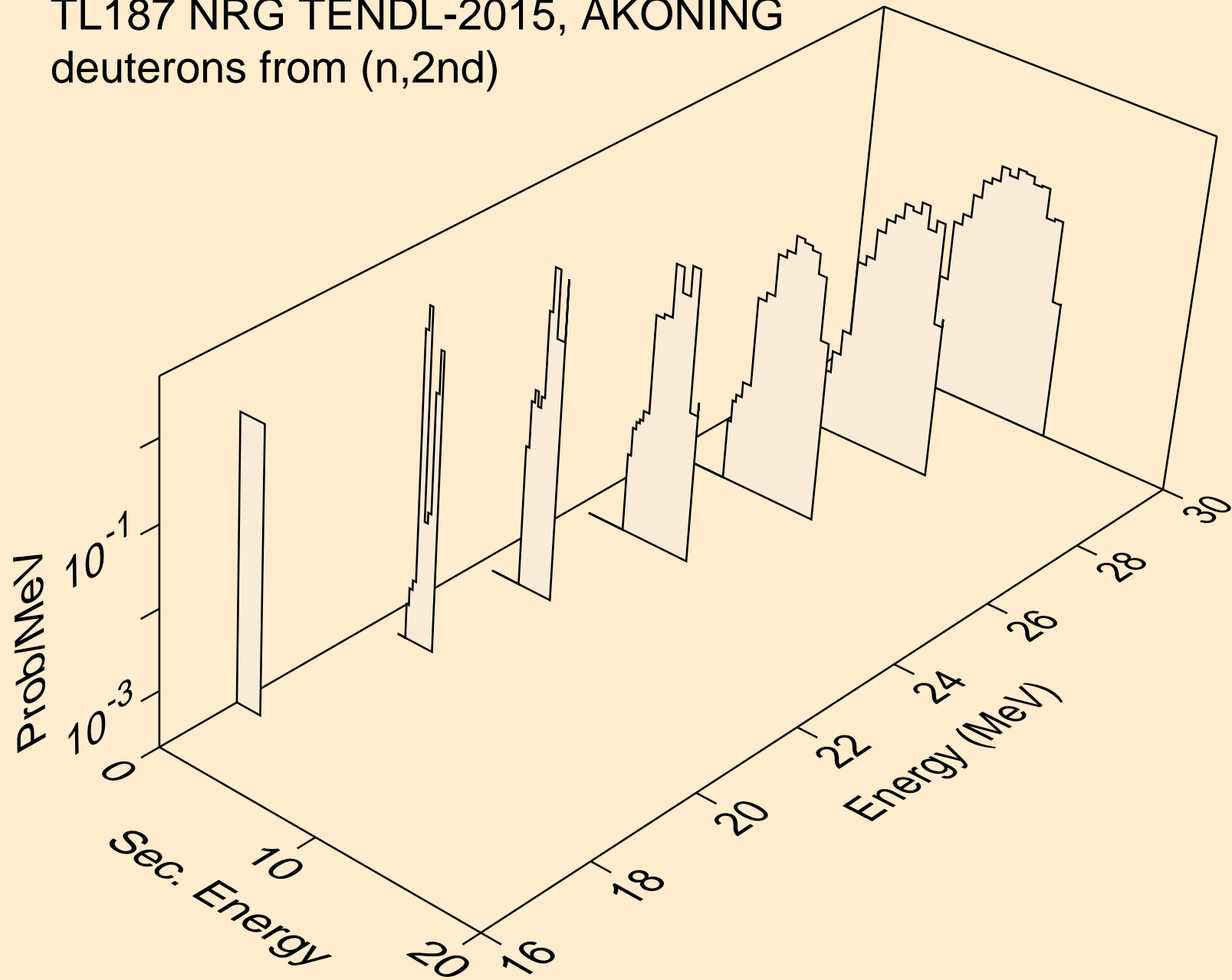
TL187 NRG TENDL-2015, AKONING  
protons from (n,pt)



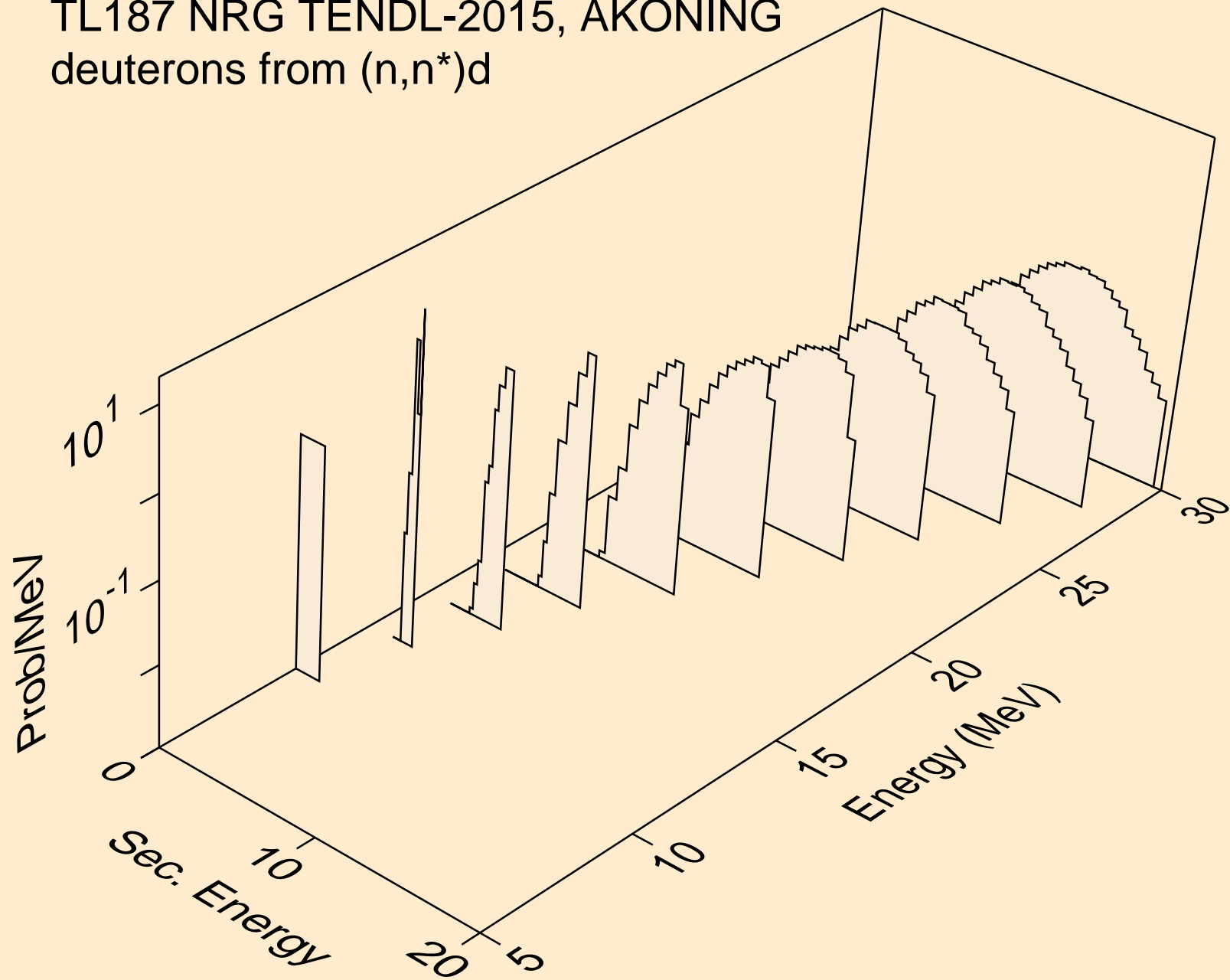
TL187 NRG TENDL-2015, AKONING  
deuterons from (n,x)



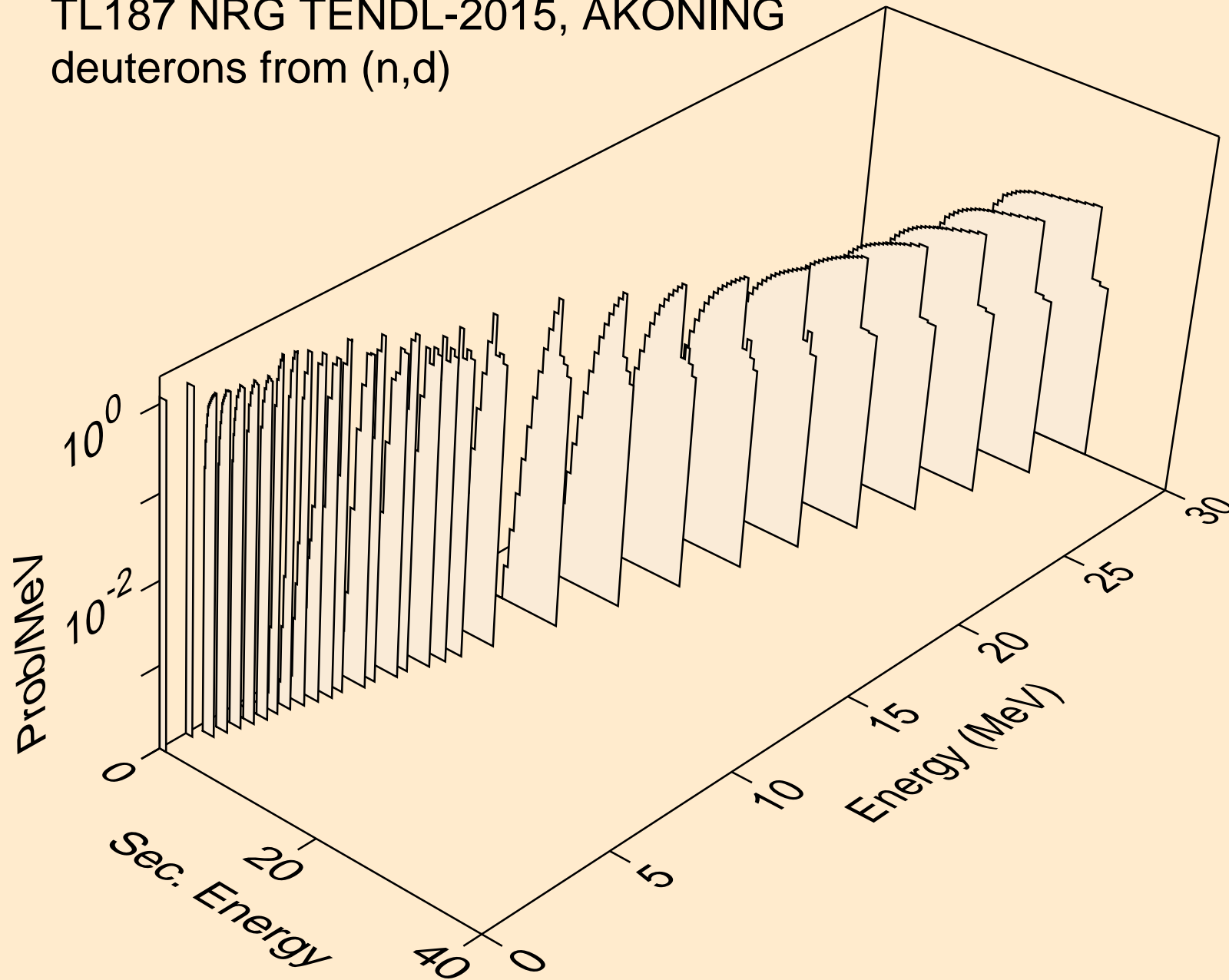
TL187 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



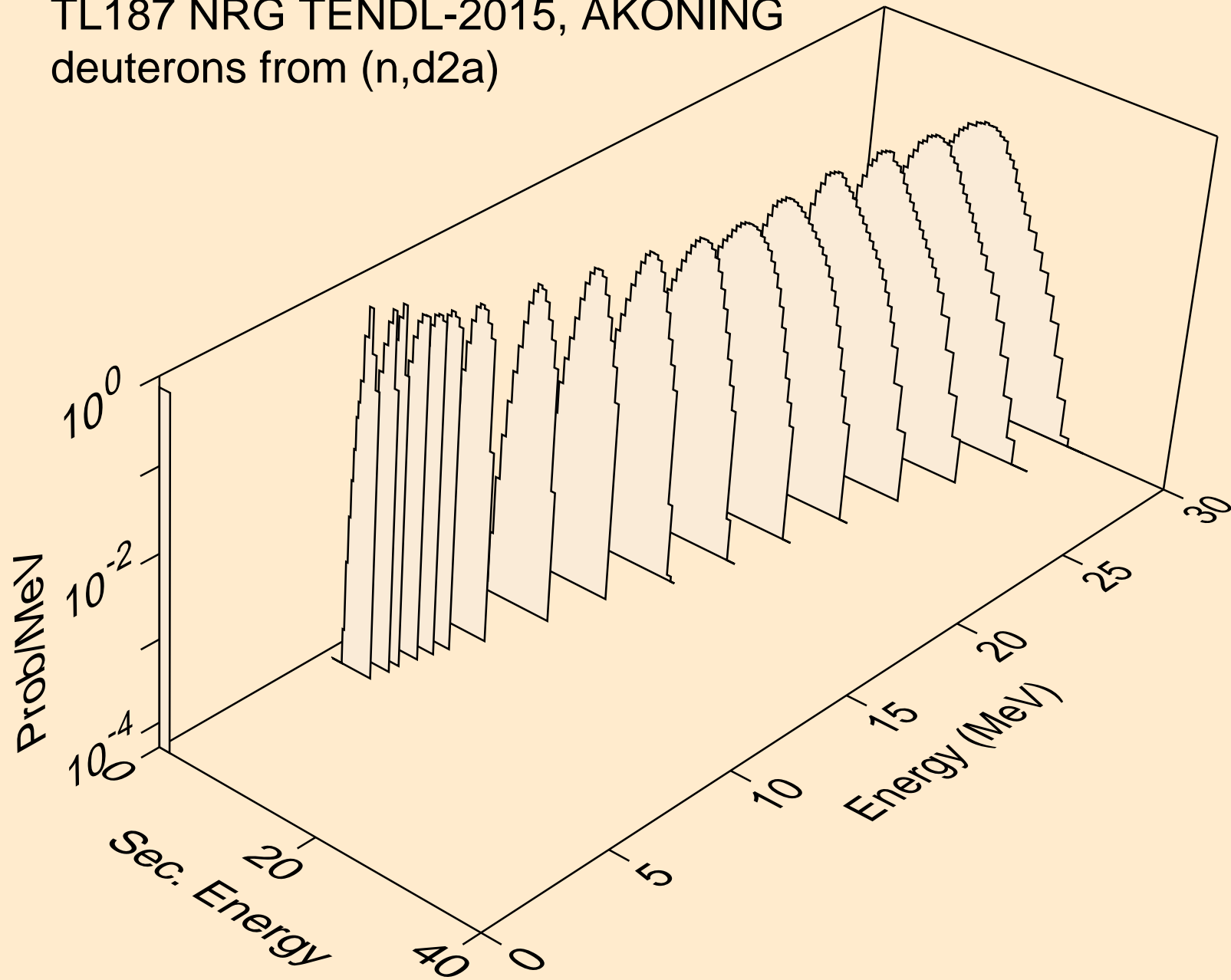
TL187 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



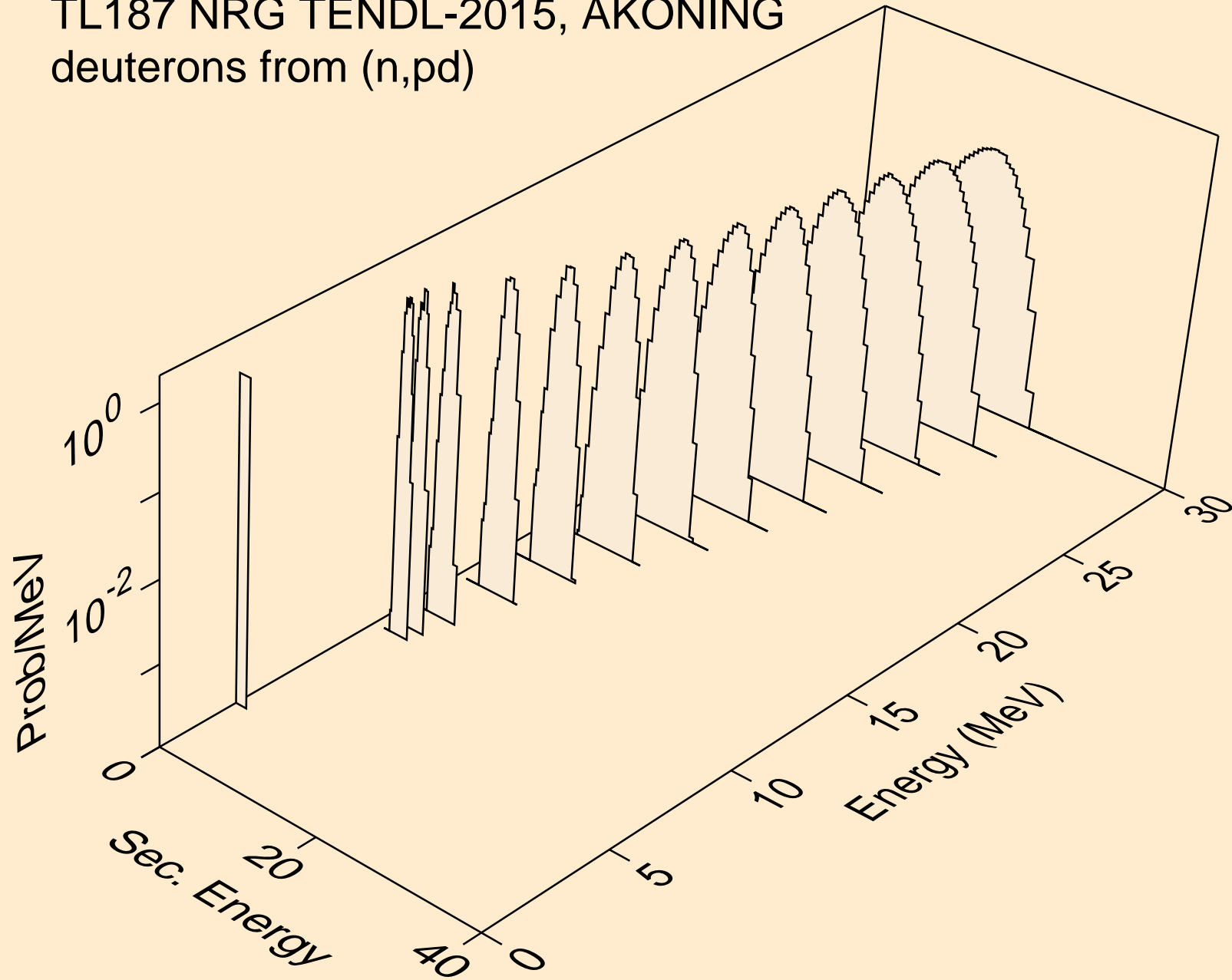
TL187 NRG TENDL-2015, AKONING  
deuterons from (n,d)



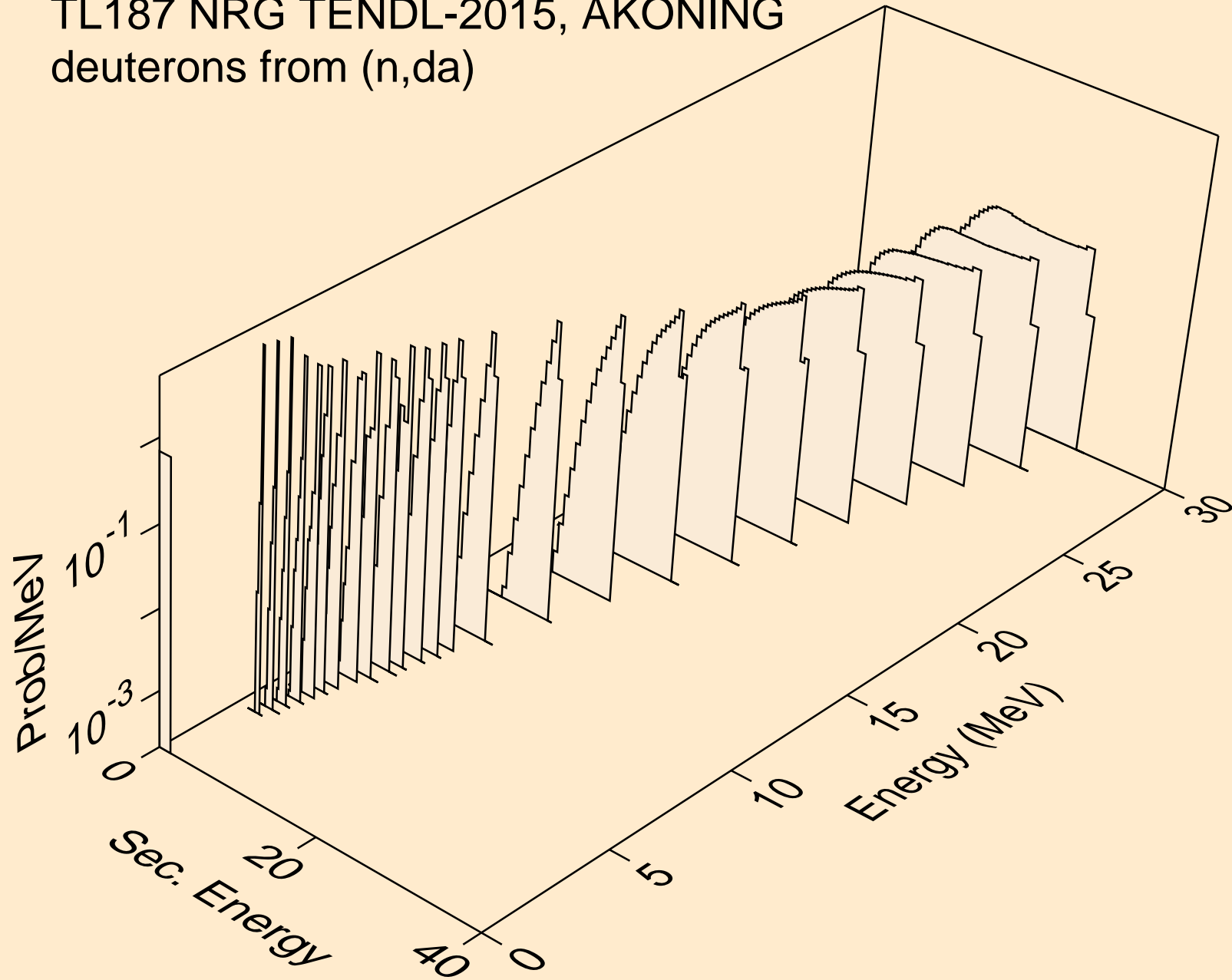
TL187 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)



TL187 NRG TENDL-2015, AKONING  
deuterons from (n,pd)

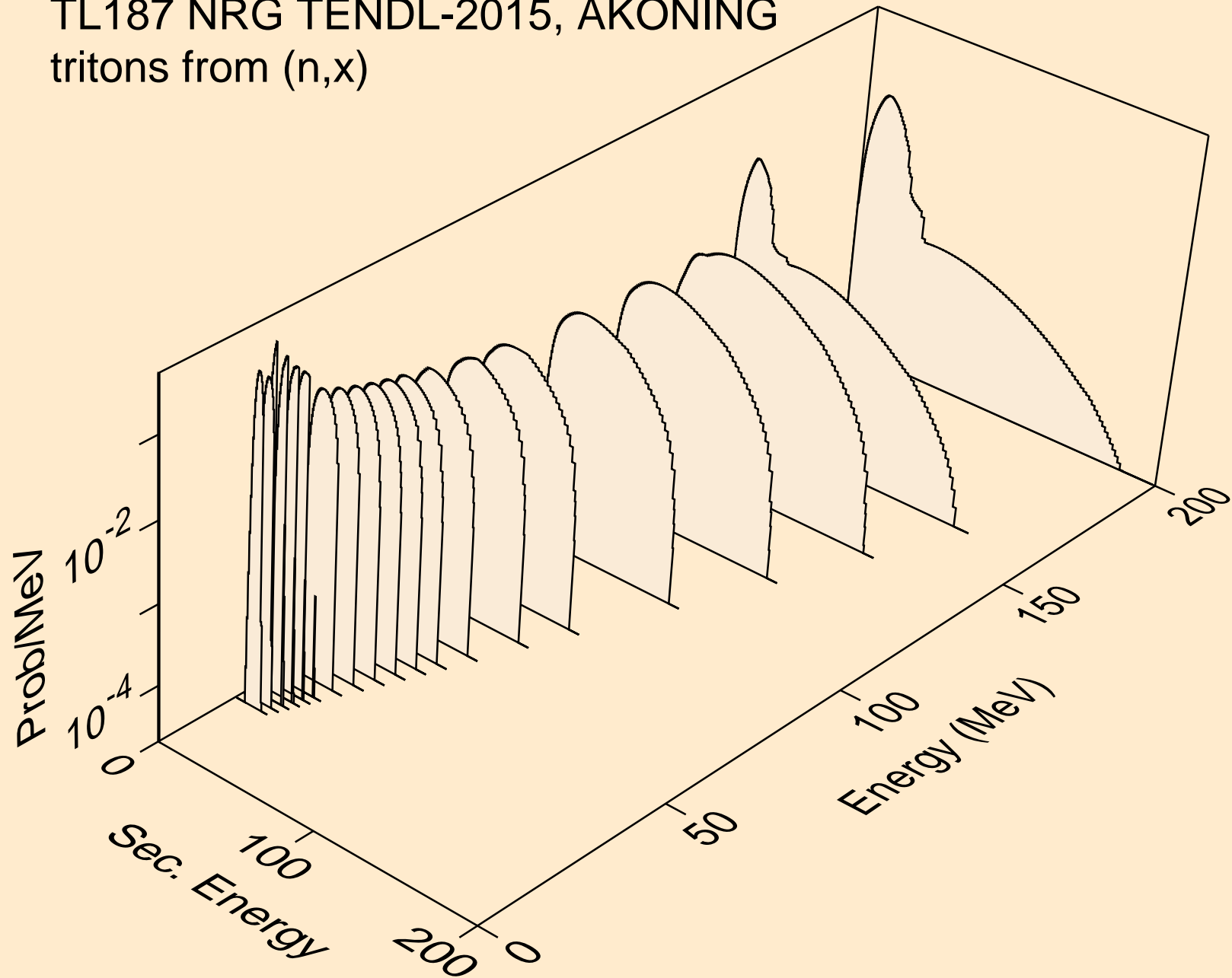


TL187 NRG TENDL-2015, AKONING  
deuterons from (n,da)

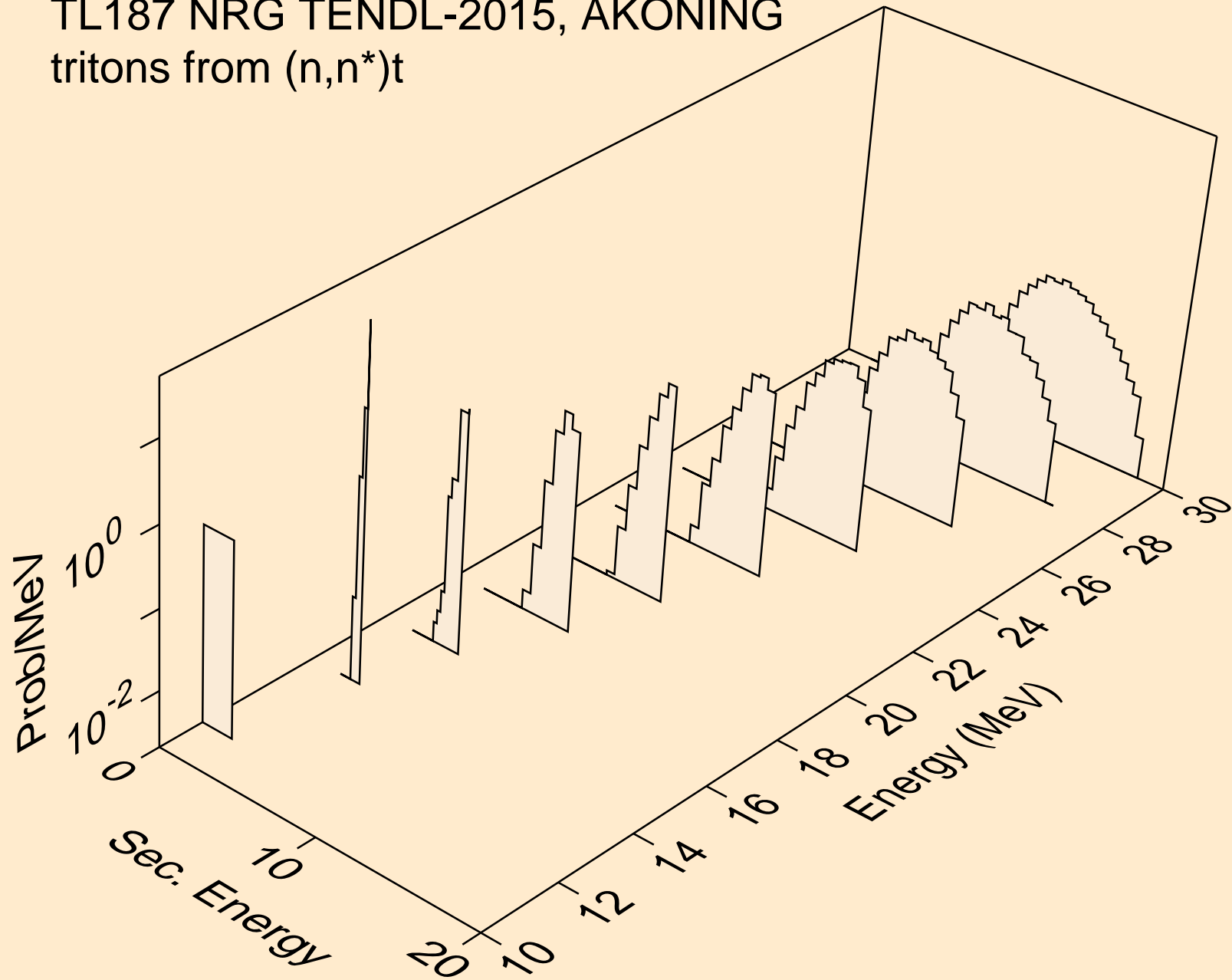




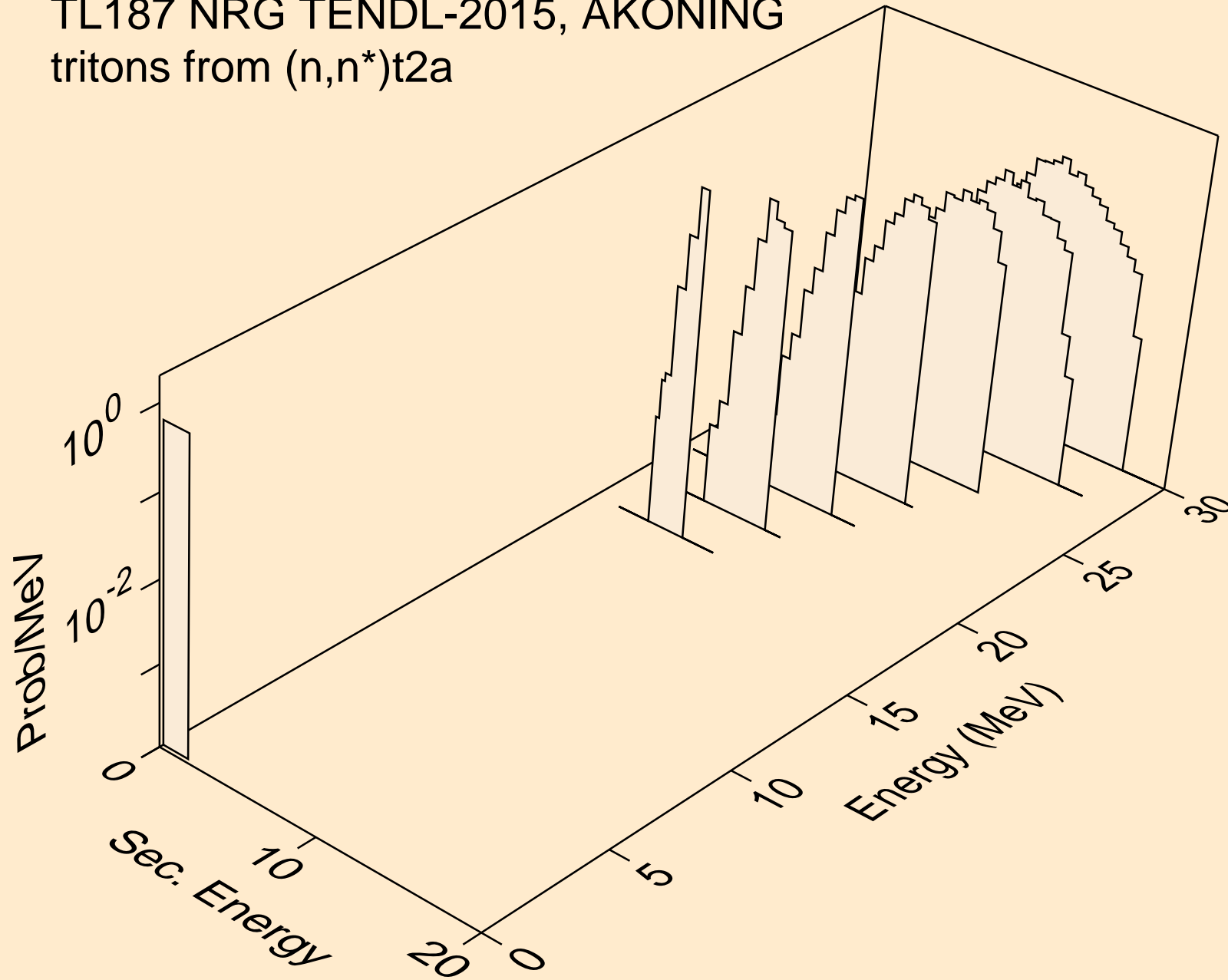
TL187 NRG TENDL-2015, AKONING  
tritons from (n,x)



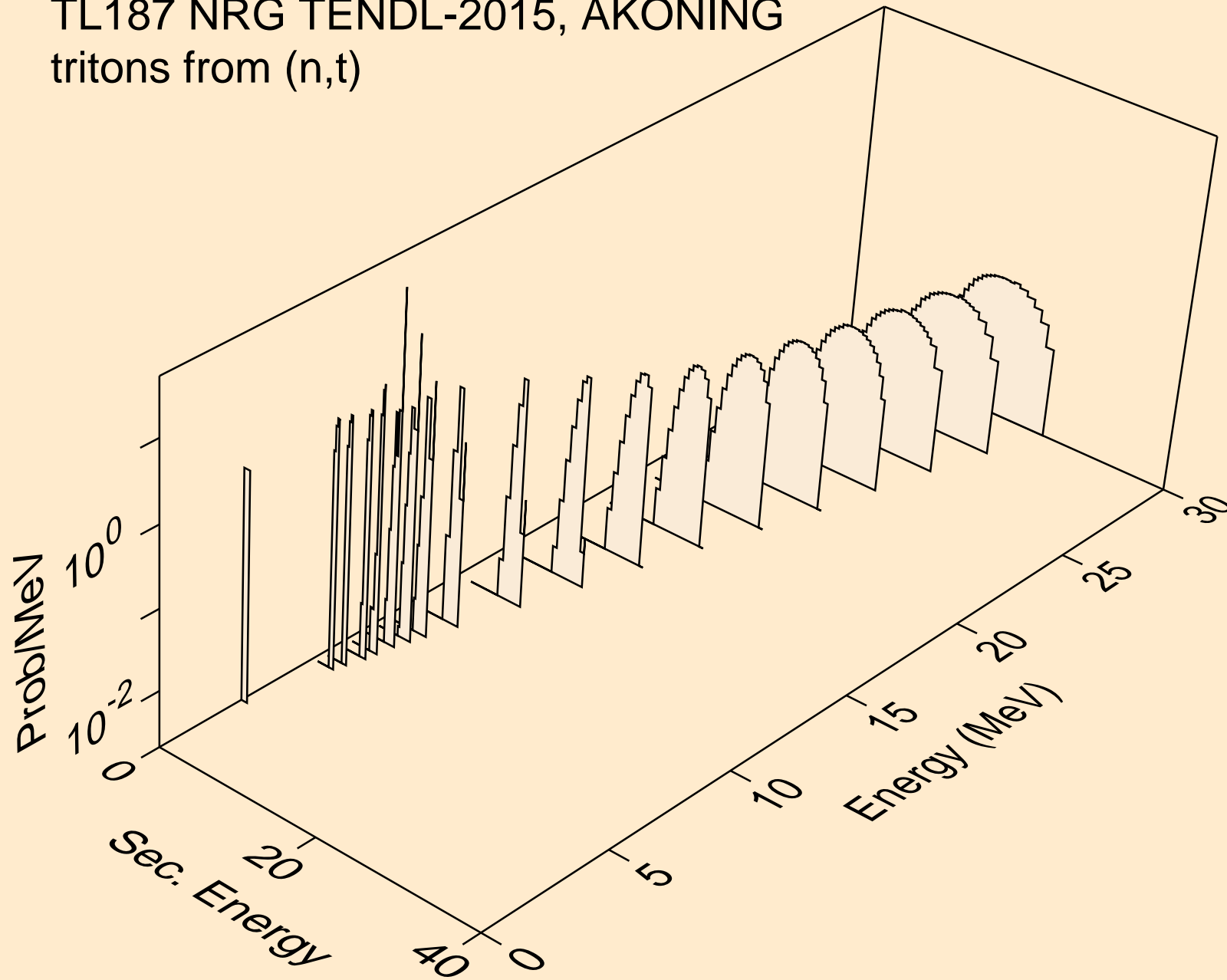
TL187 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



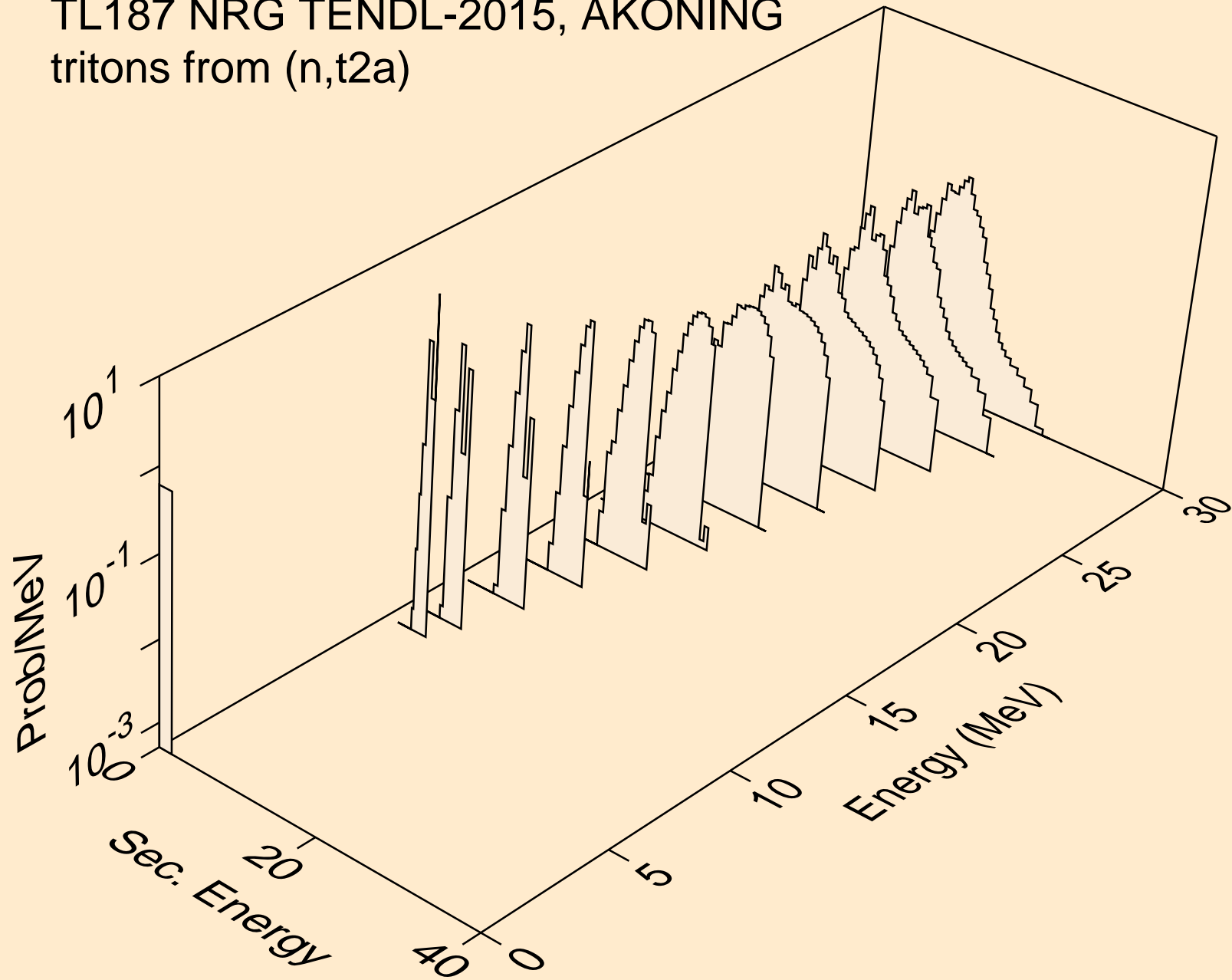
TL187 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t2a



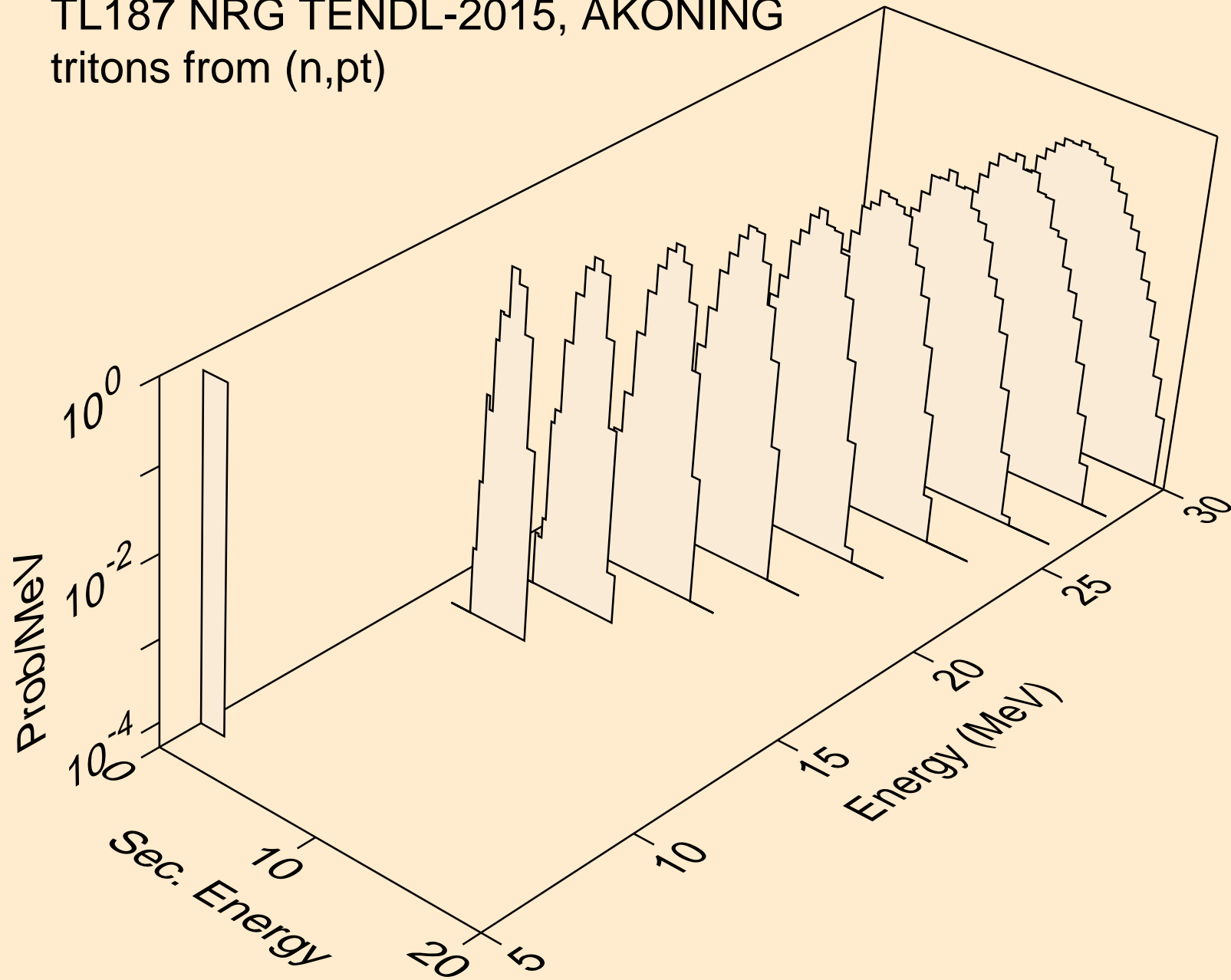
TL187 NRG TENDL-2015, AKONING  
tritons from (n,t)



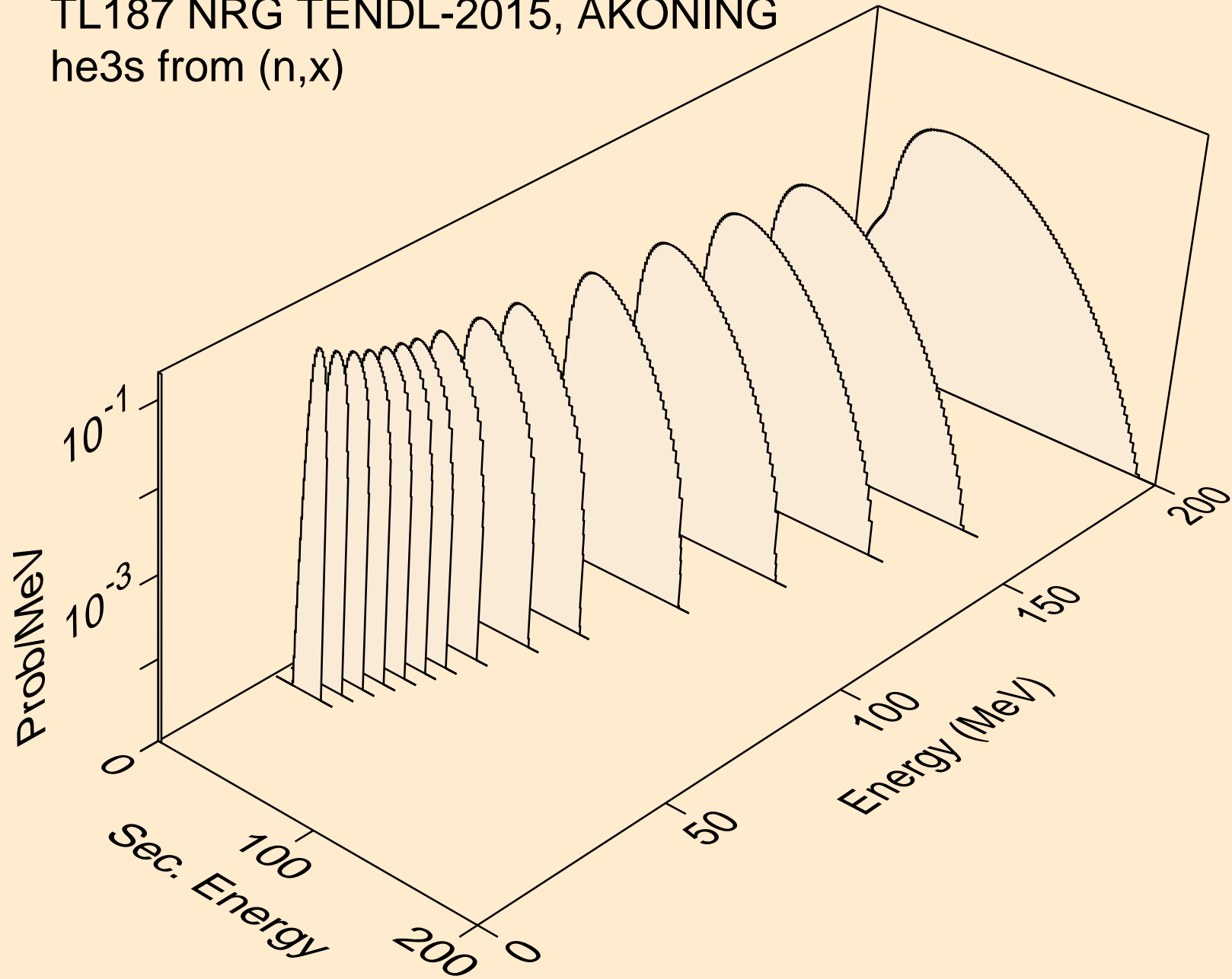
TL187 NRG TENDL-2015, AKONING  
tritons from (n,t2a)



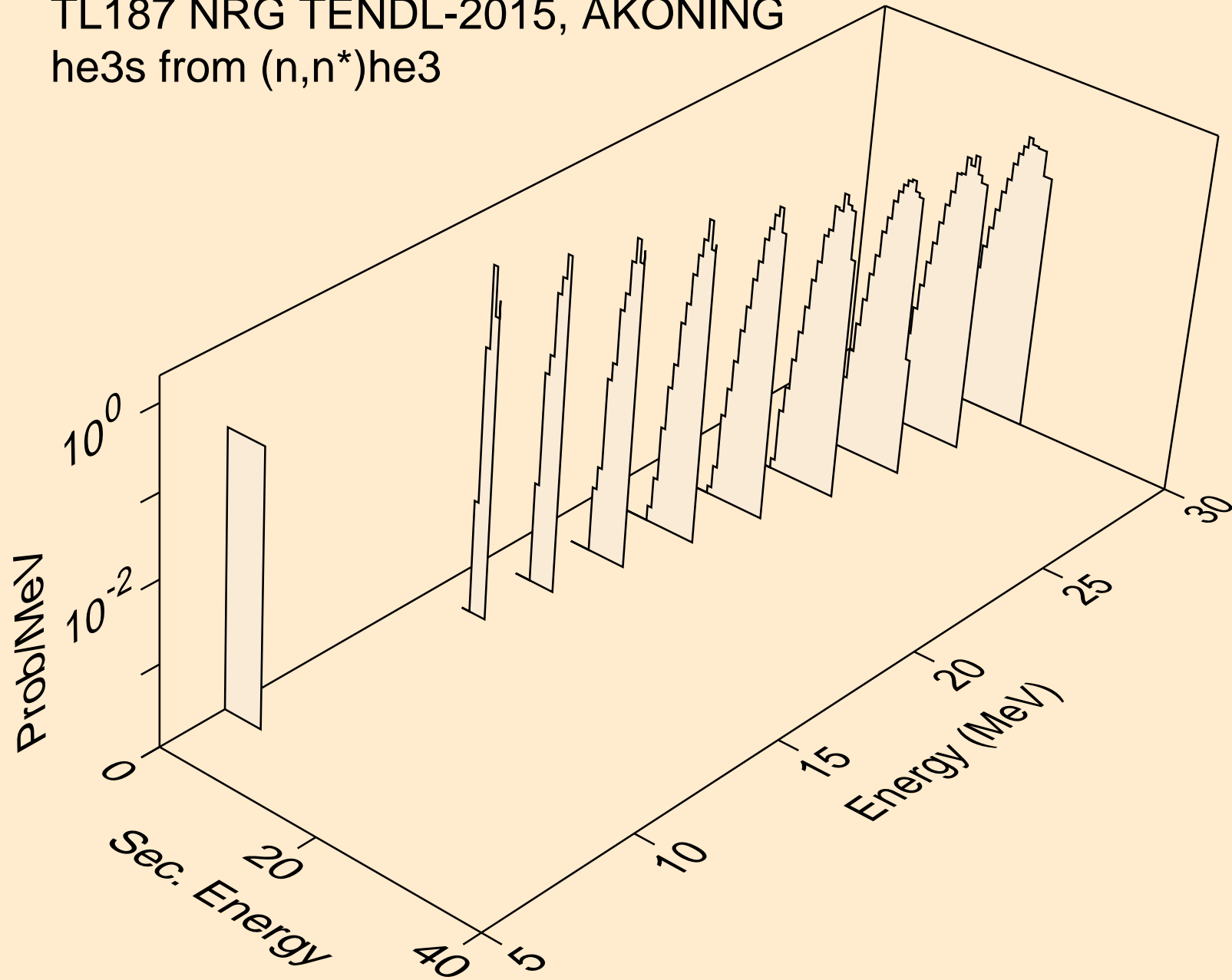
TL187 NRG TENDL-2015, AKONING  
tritons from (n,pt)



TL187 NRG TENDL-2015, AKONING  
he3s from (n,x)

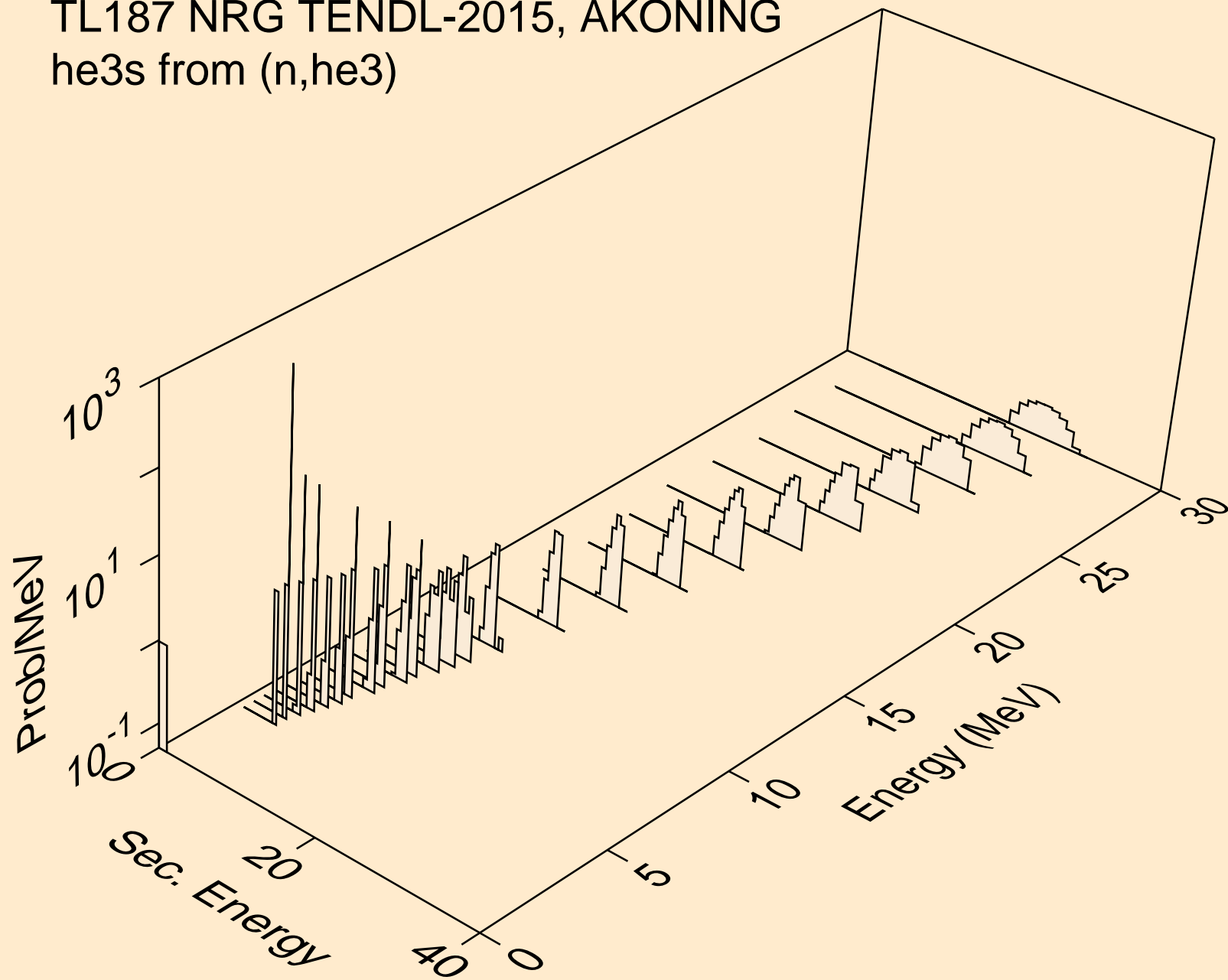


TL187 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

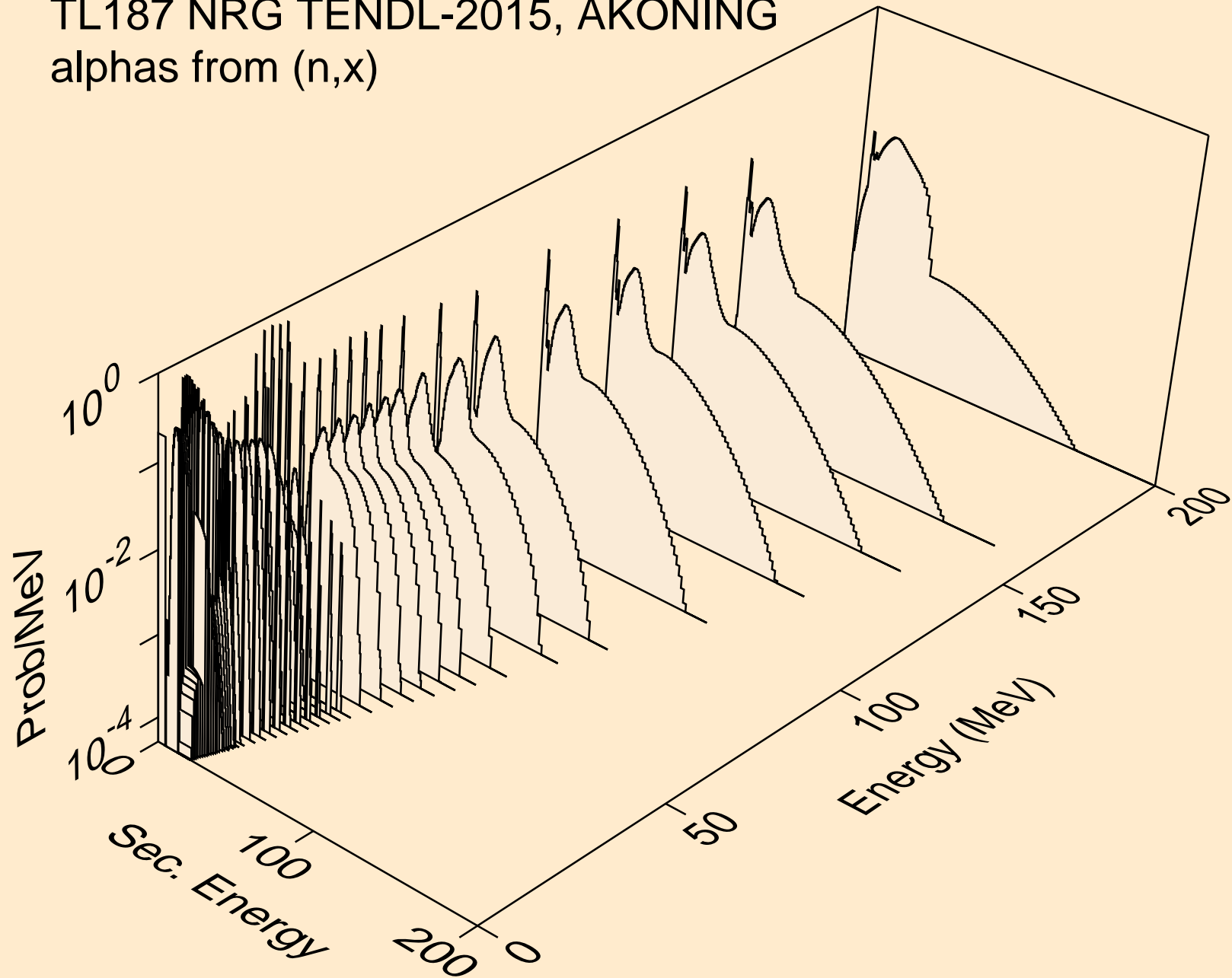




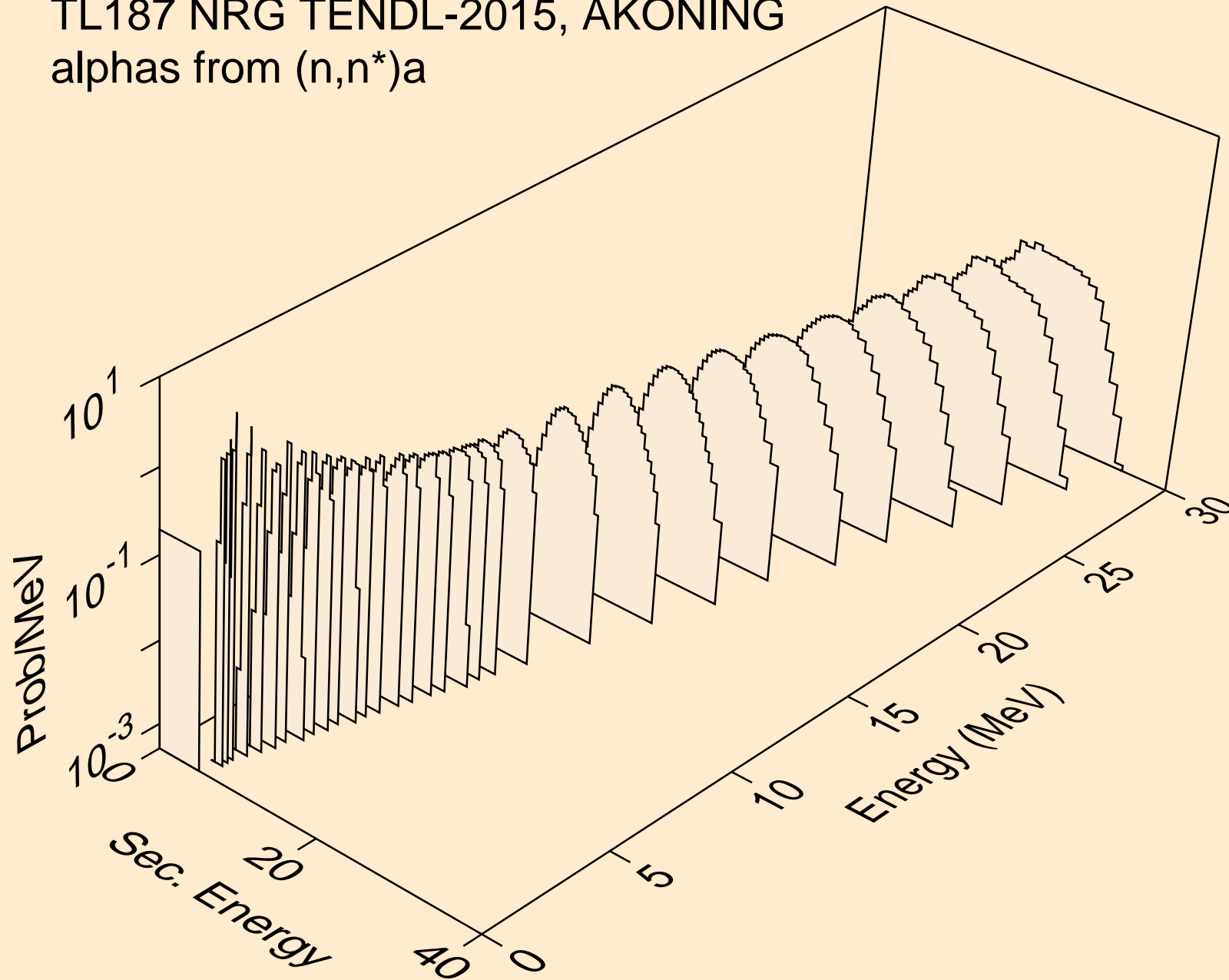
TL187 NRG TENDL-2015, AKONING  
he3s from (n,he3)



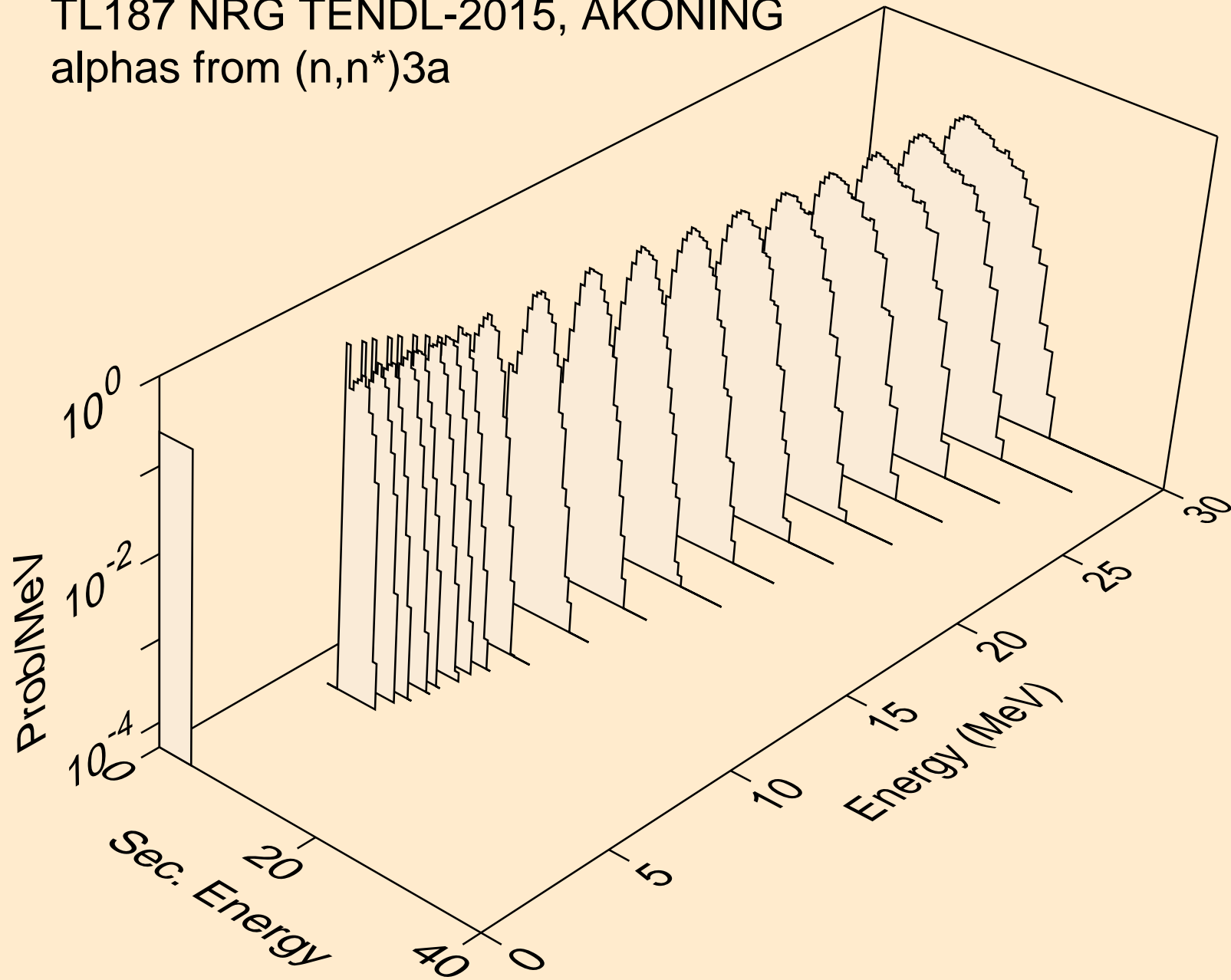
TL187 NRG TENDL-2015, AKONING  
alphas from (n,x)



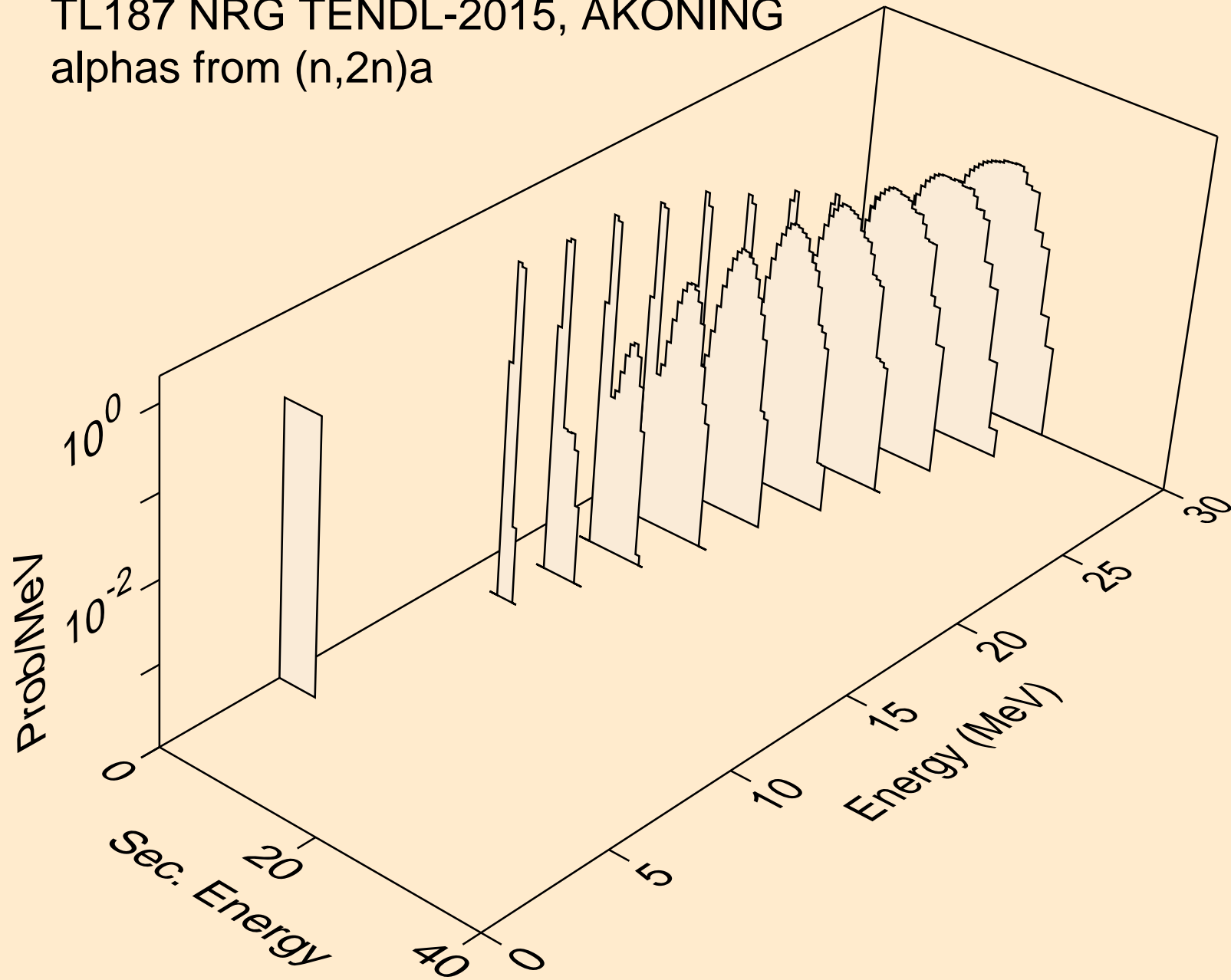
TL187 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



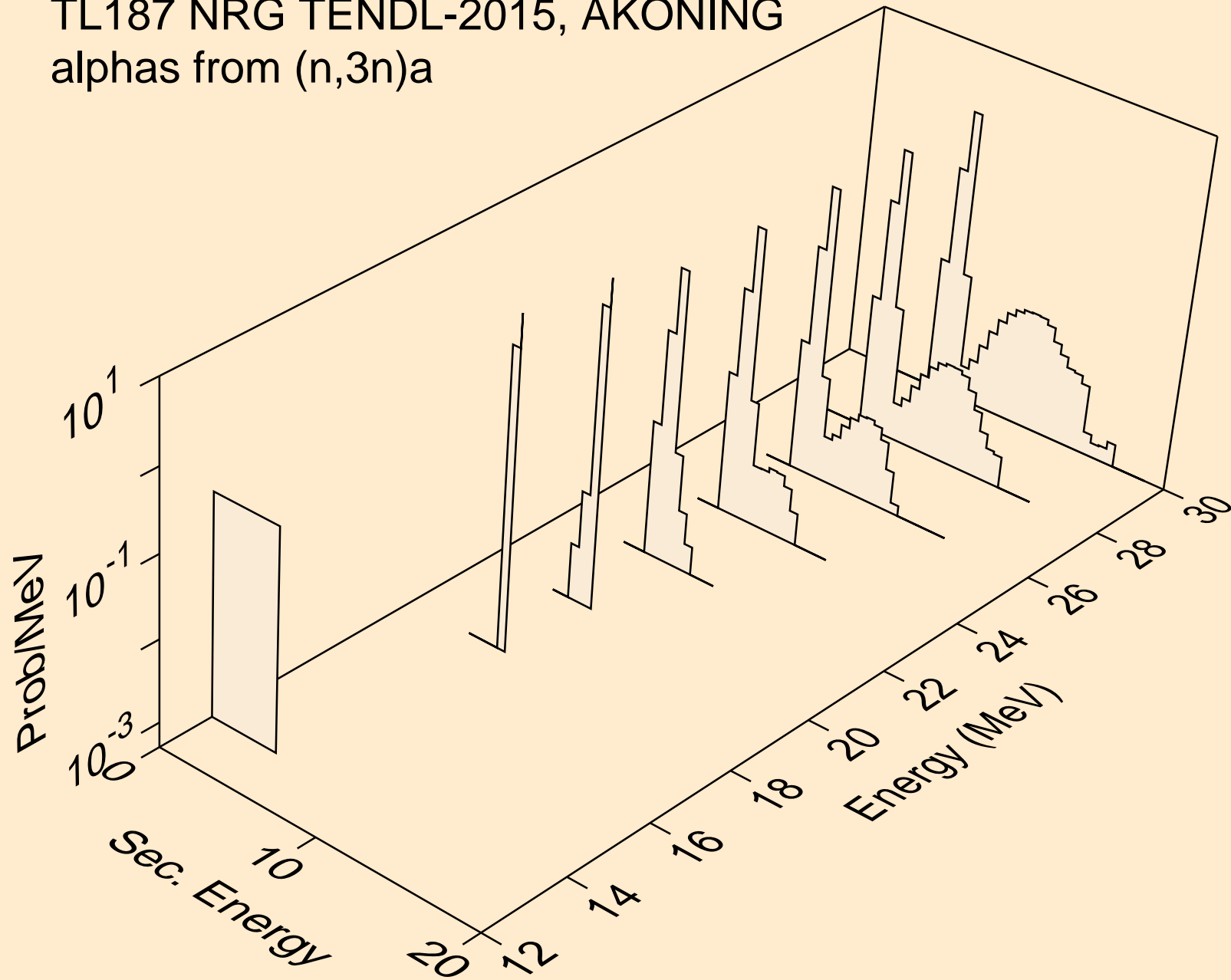
TL187 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a



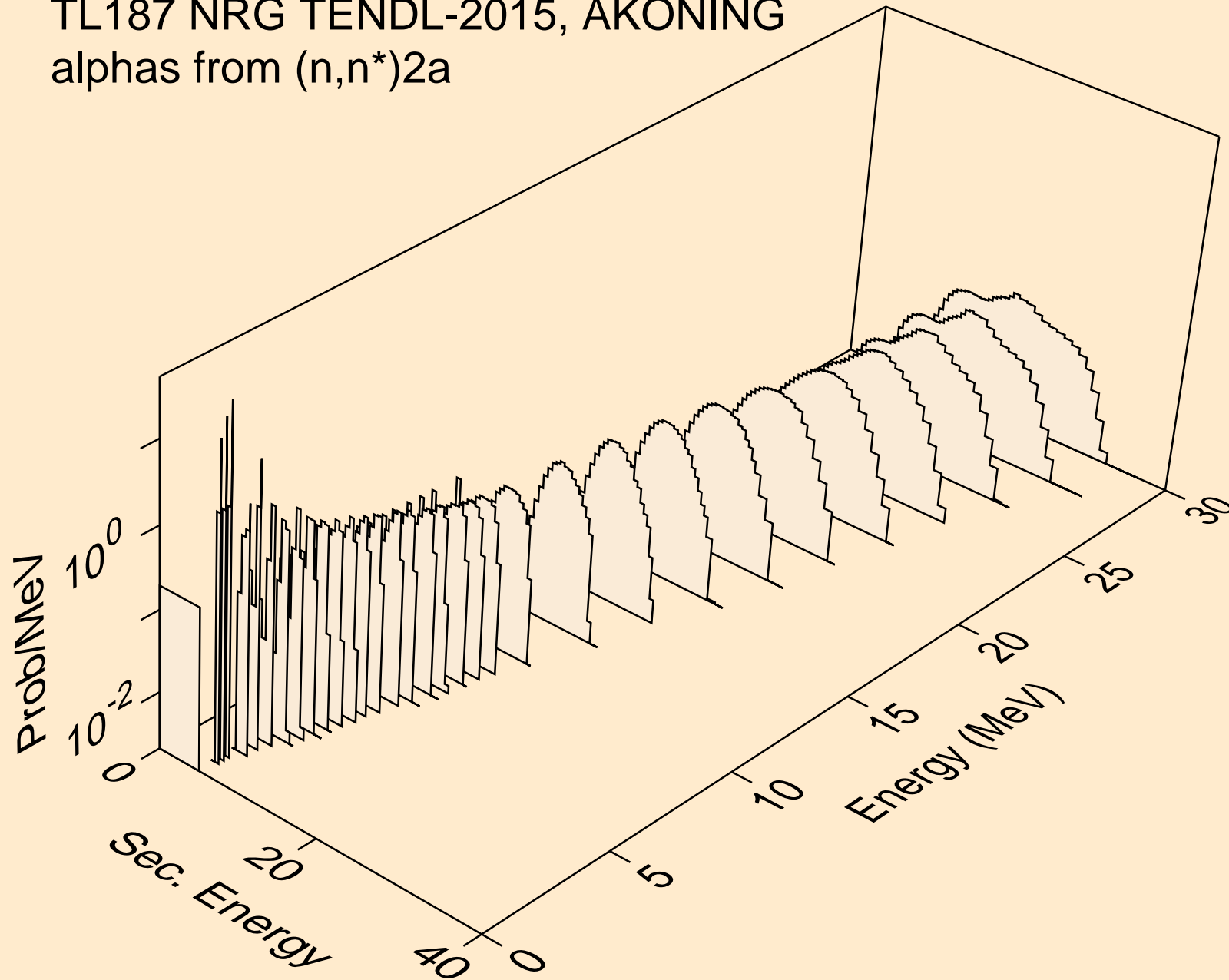
TL187 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



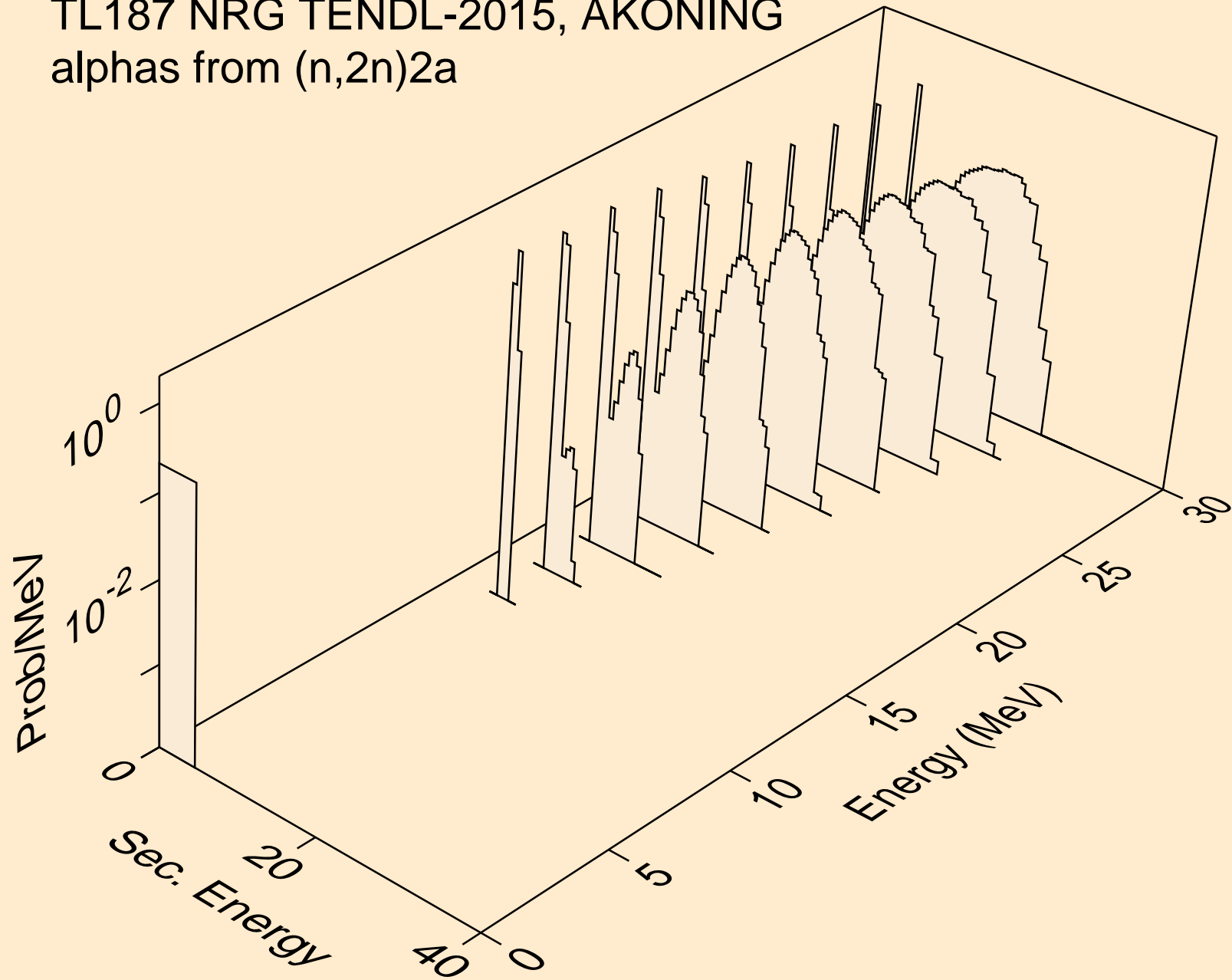
TL187 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



TL187 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a

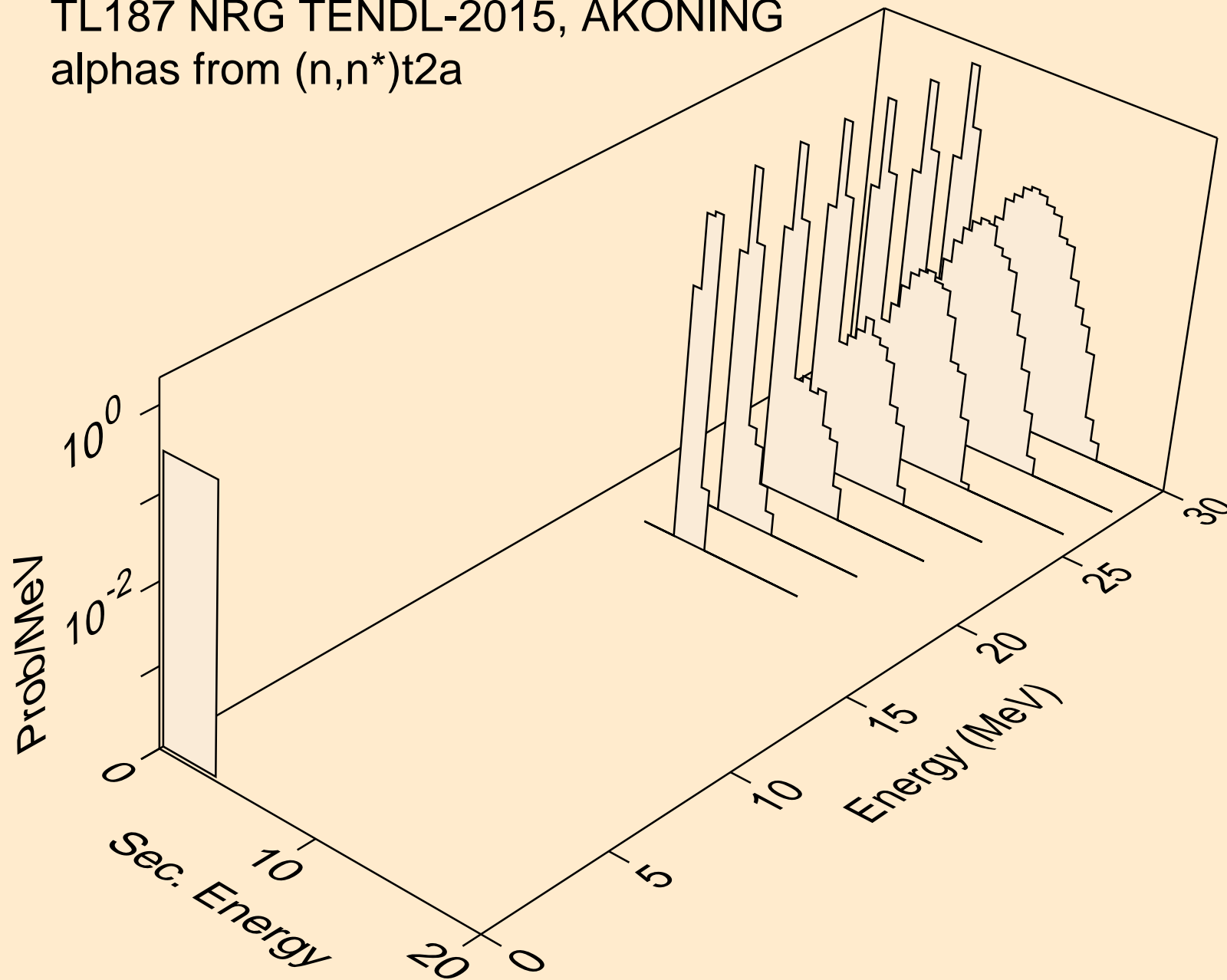


TL187 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a

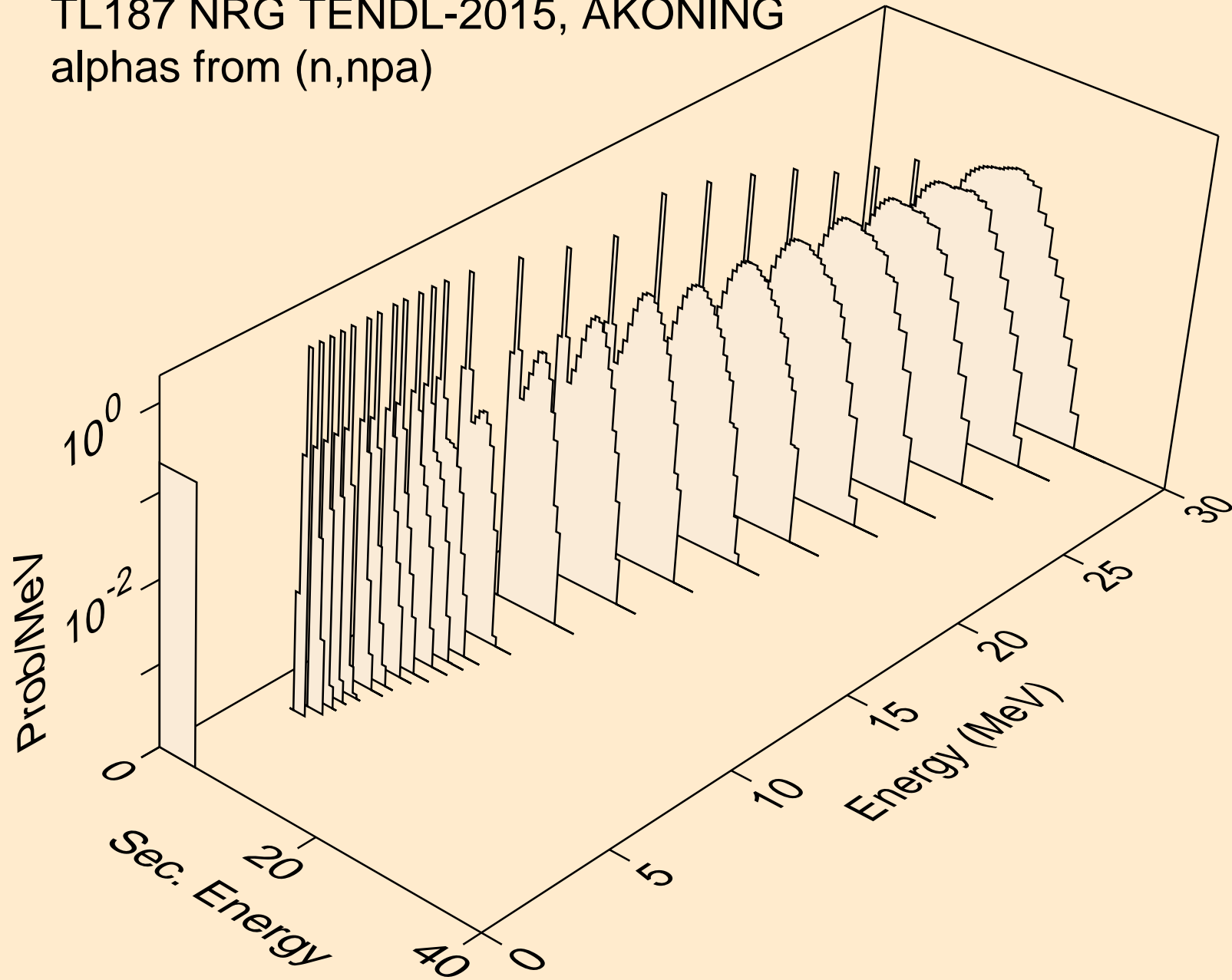




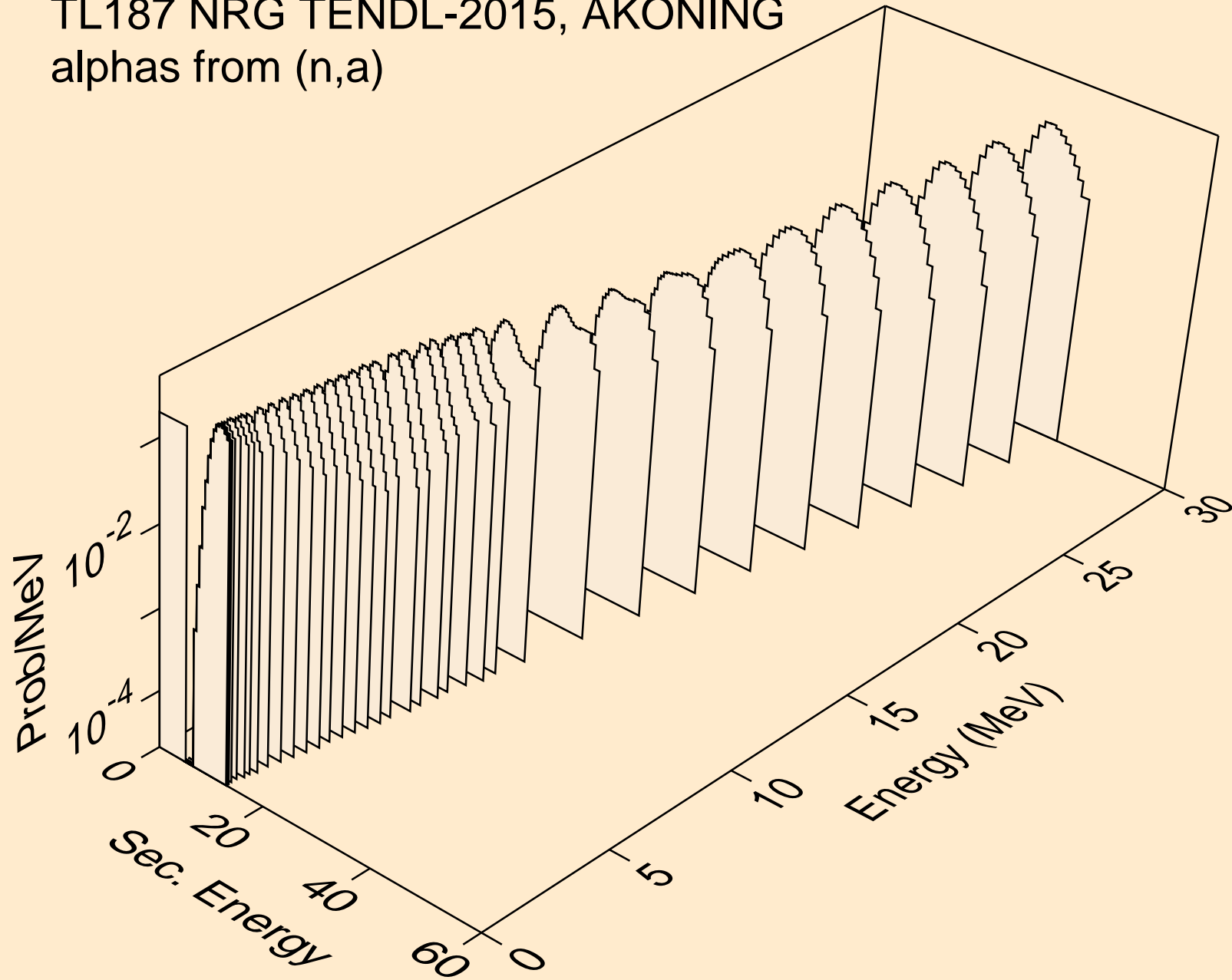
TL187 NRG TENDL-2015, AKONING  
alphas from (n,n\*)t2a



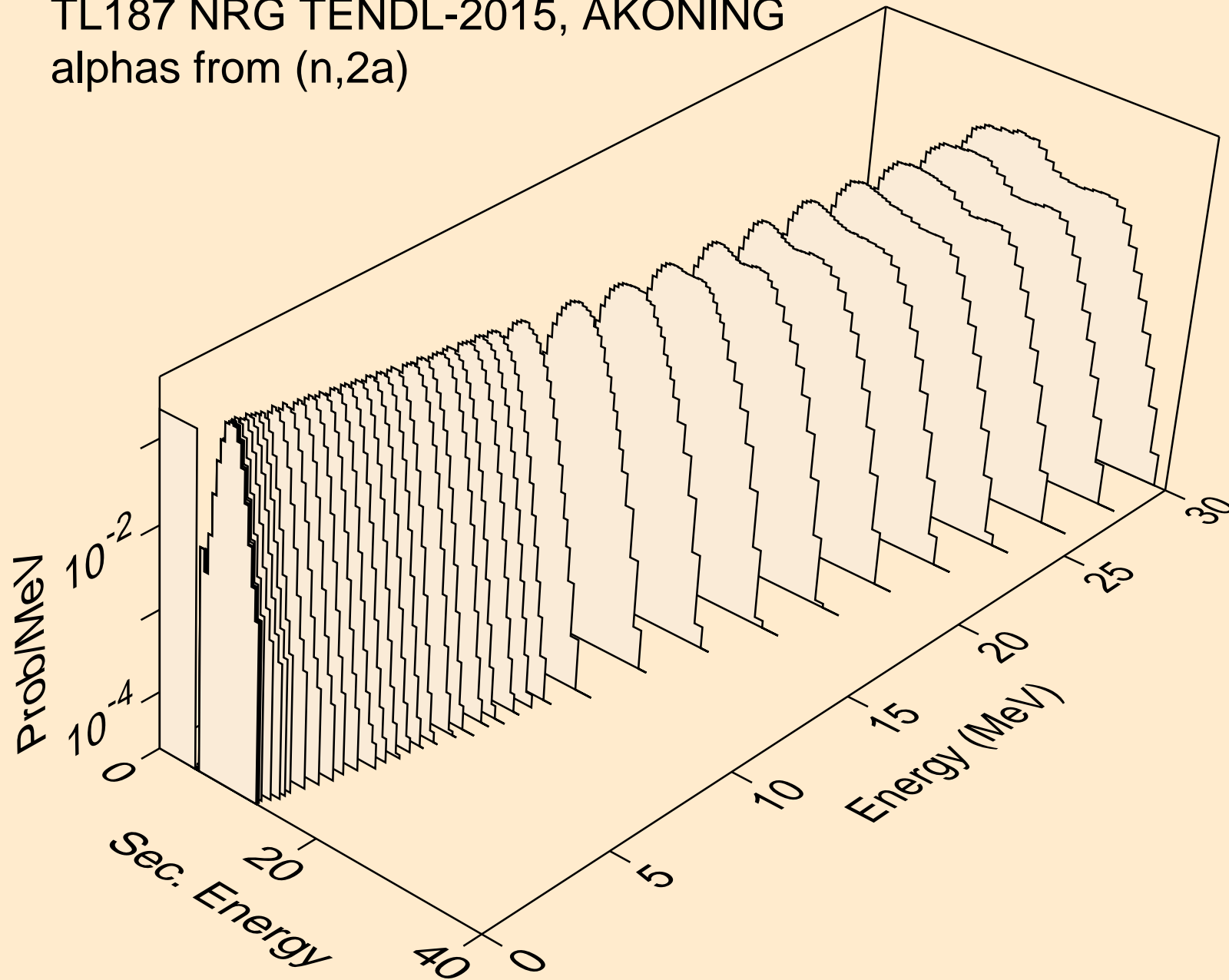
TL187 NRG TENDL-2015, AKONING  
alphas from (n,npa)



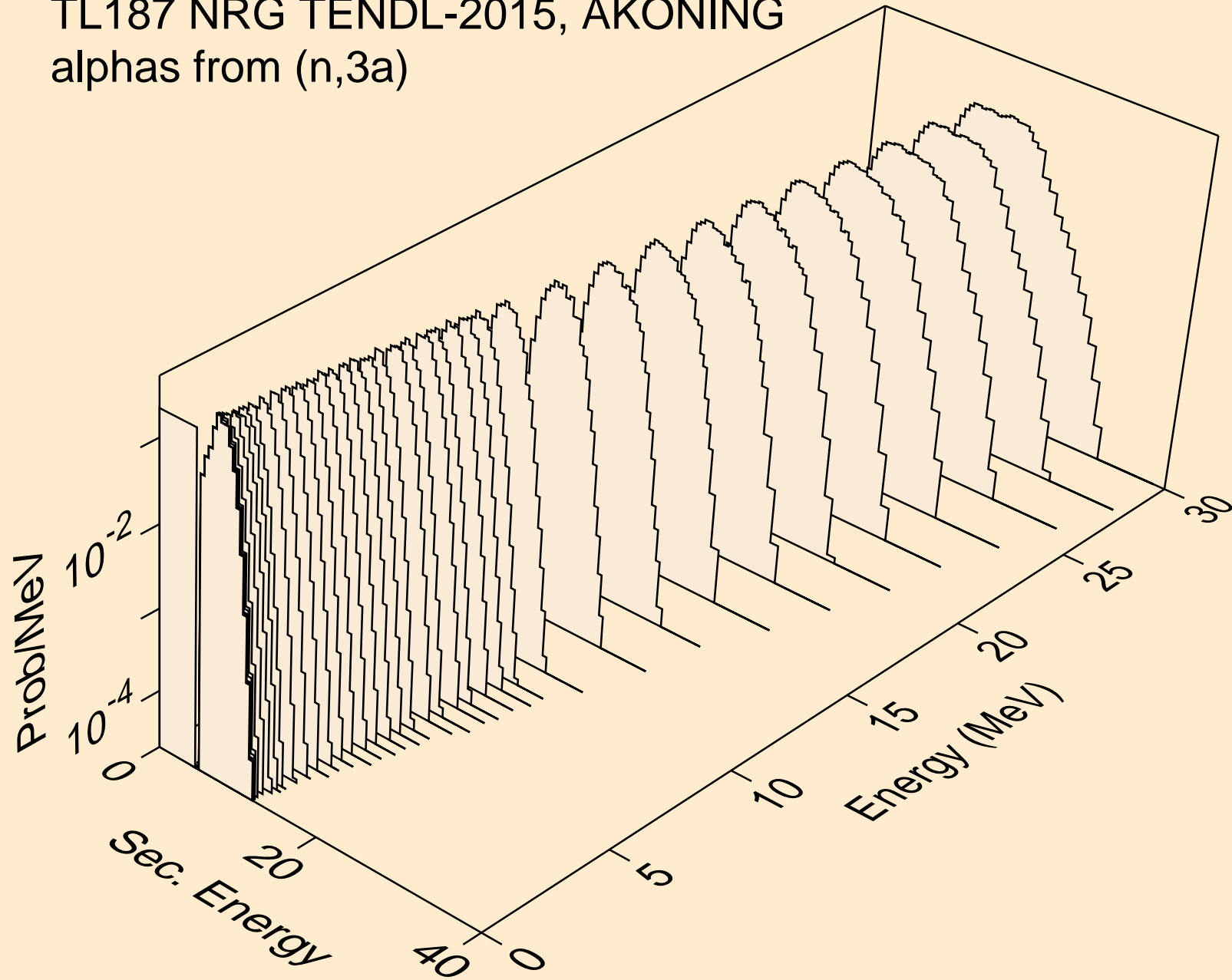
TL187 NRG TENDL-2015, AKONING  
alphas from (n,a)



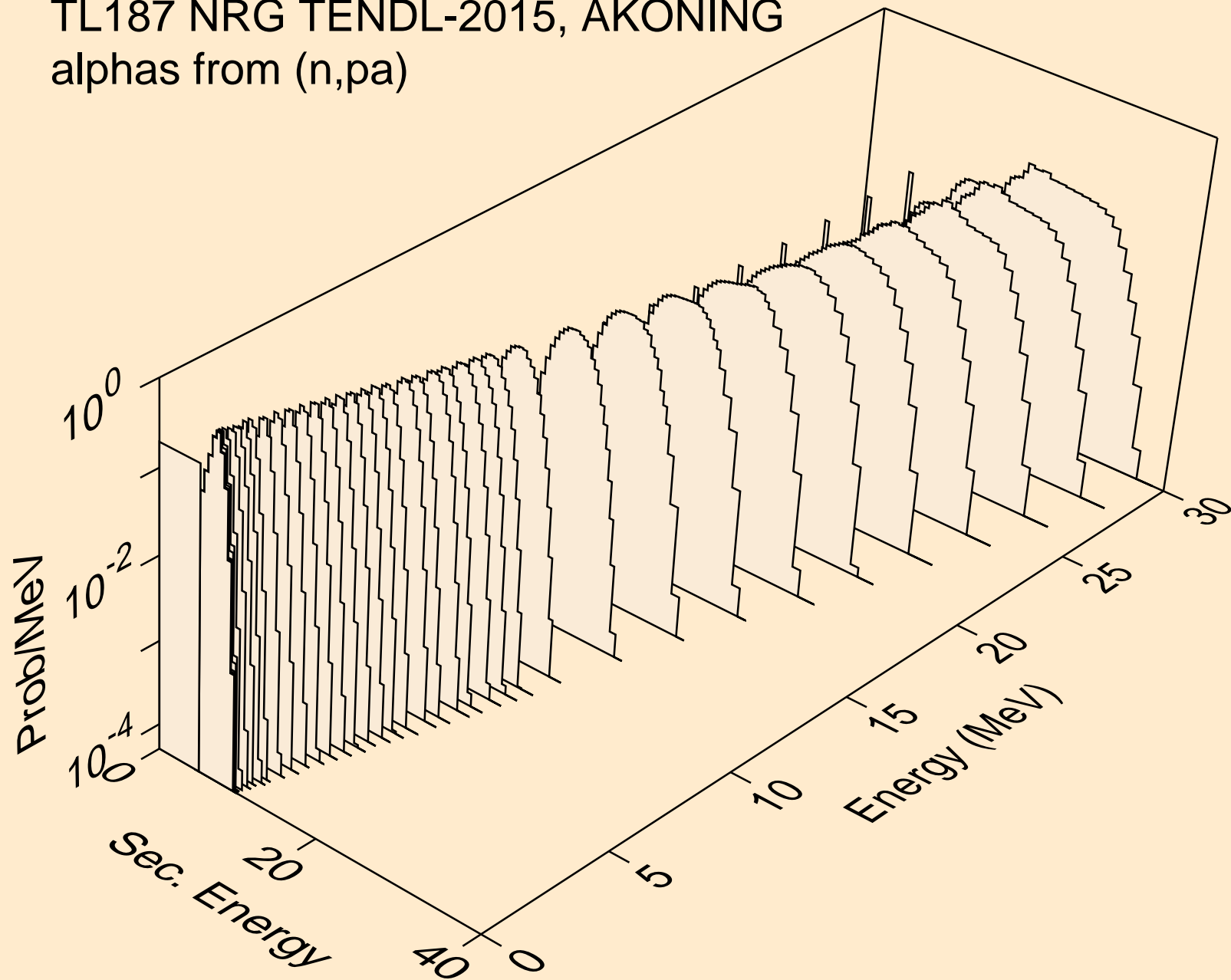
TL187 NRG TENDL-2015, AKONING  
alphas from (n,2a)



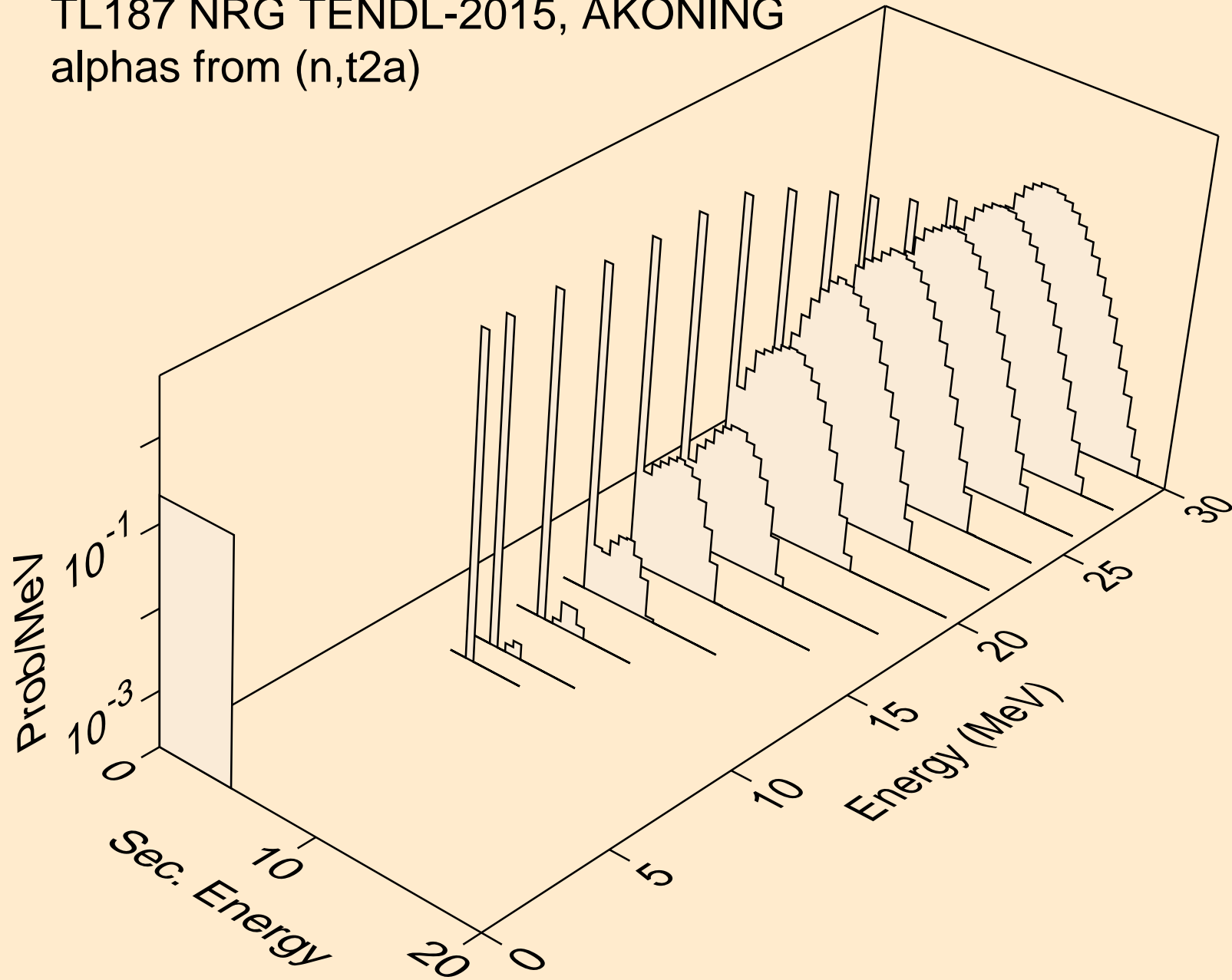
TL187 NRG TENDL-2015, AKONING  
alphas from (n,3a)



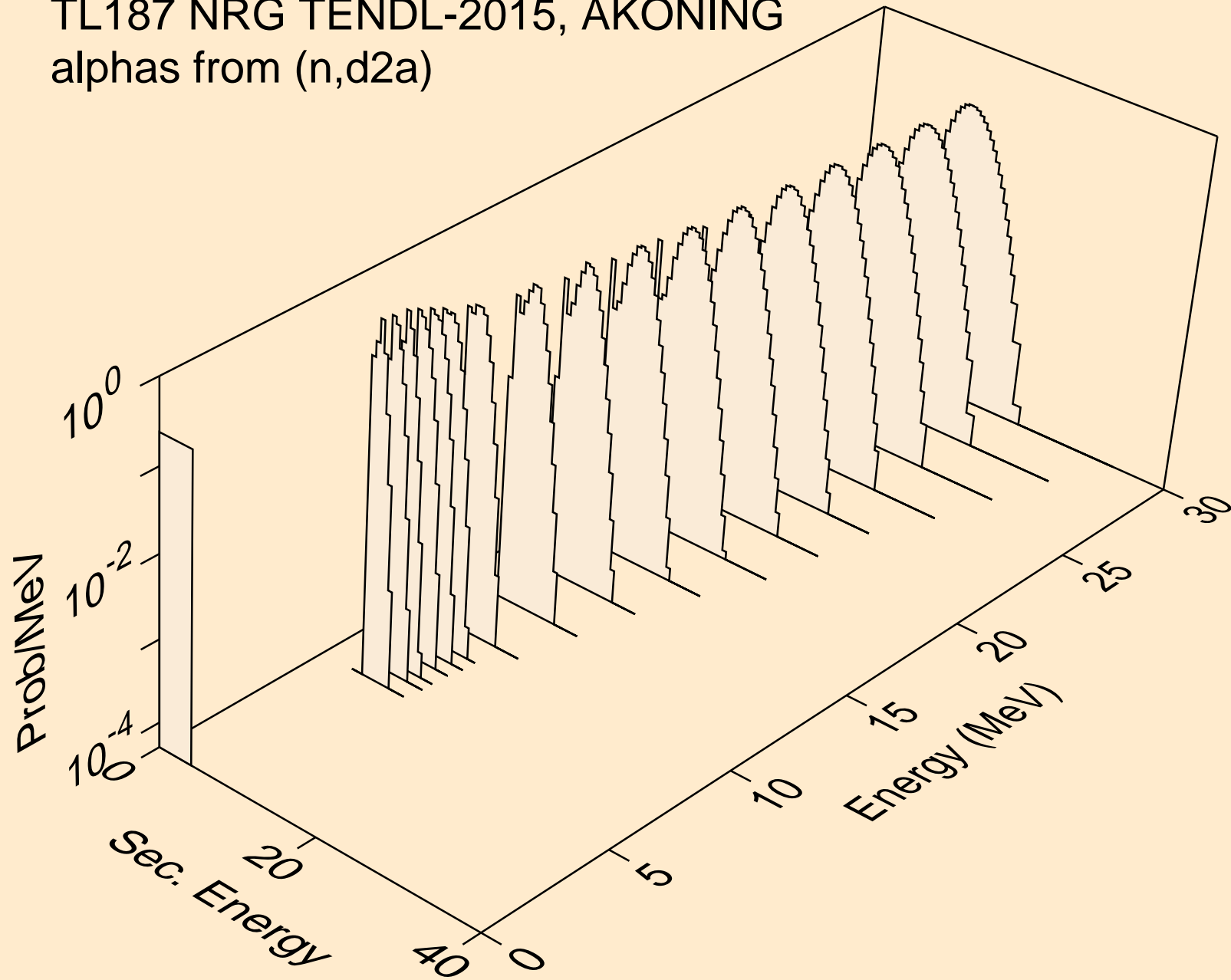
TL187 NRG TENDL-2015, AKONING  
alphas from (n,pa)



TL187 NRG TENDL-2015, AKONING  
alphas from (n,t2a)



TL187 NRG TENDL-2015, AKONING  
alphas from (n,d2a)





TL187 NRG TENDL-2015, AKONING  
alphas from (n,da)

