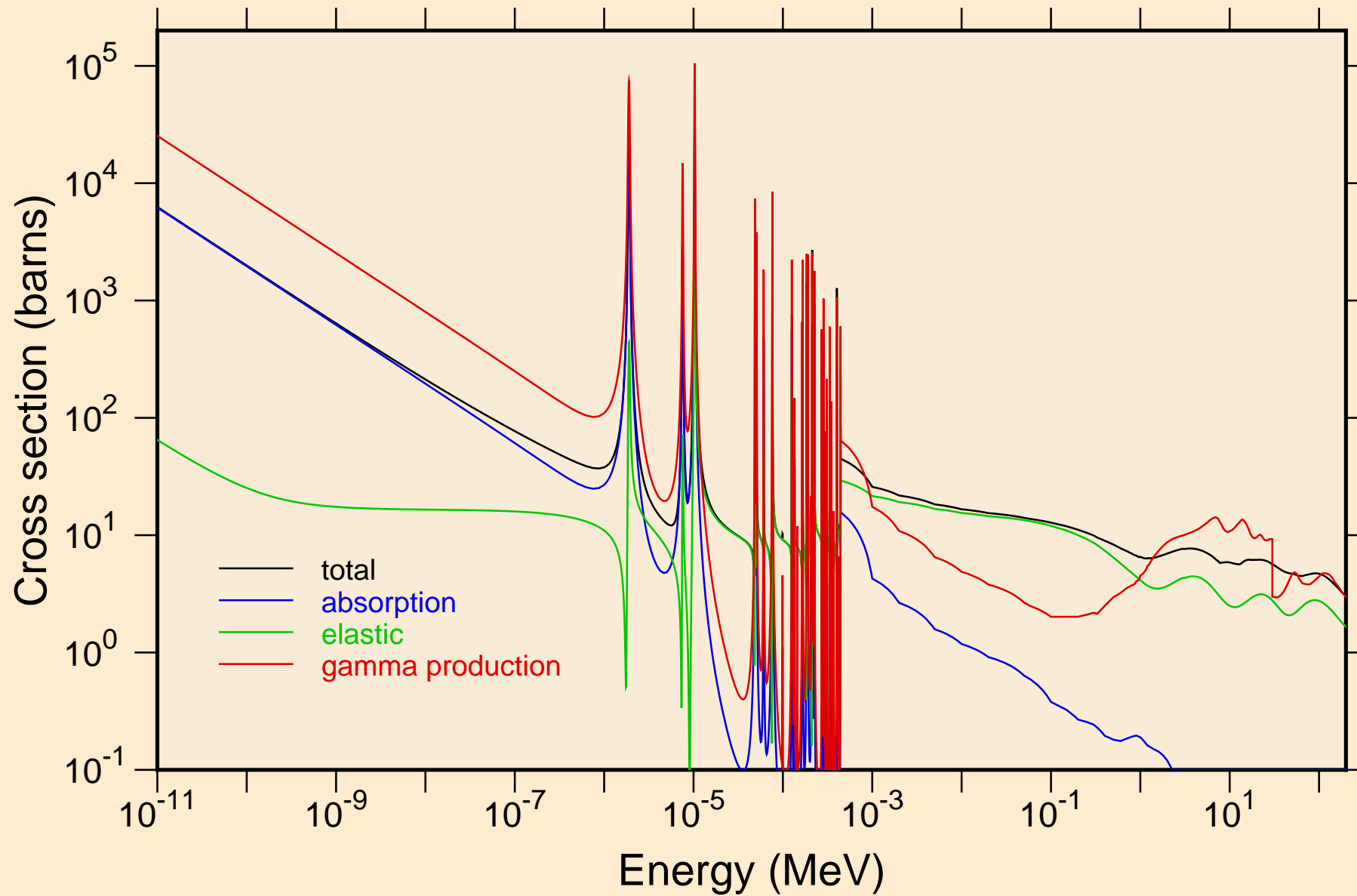
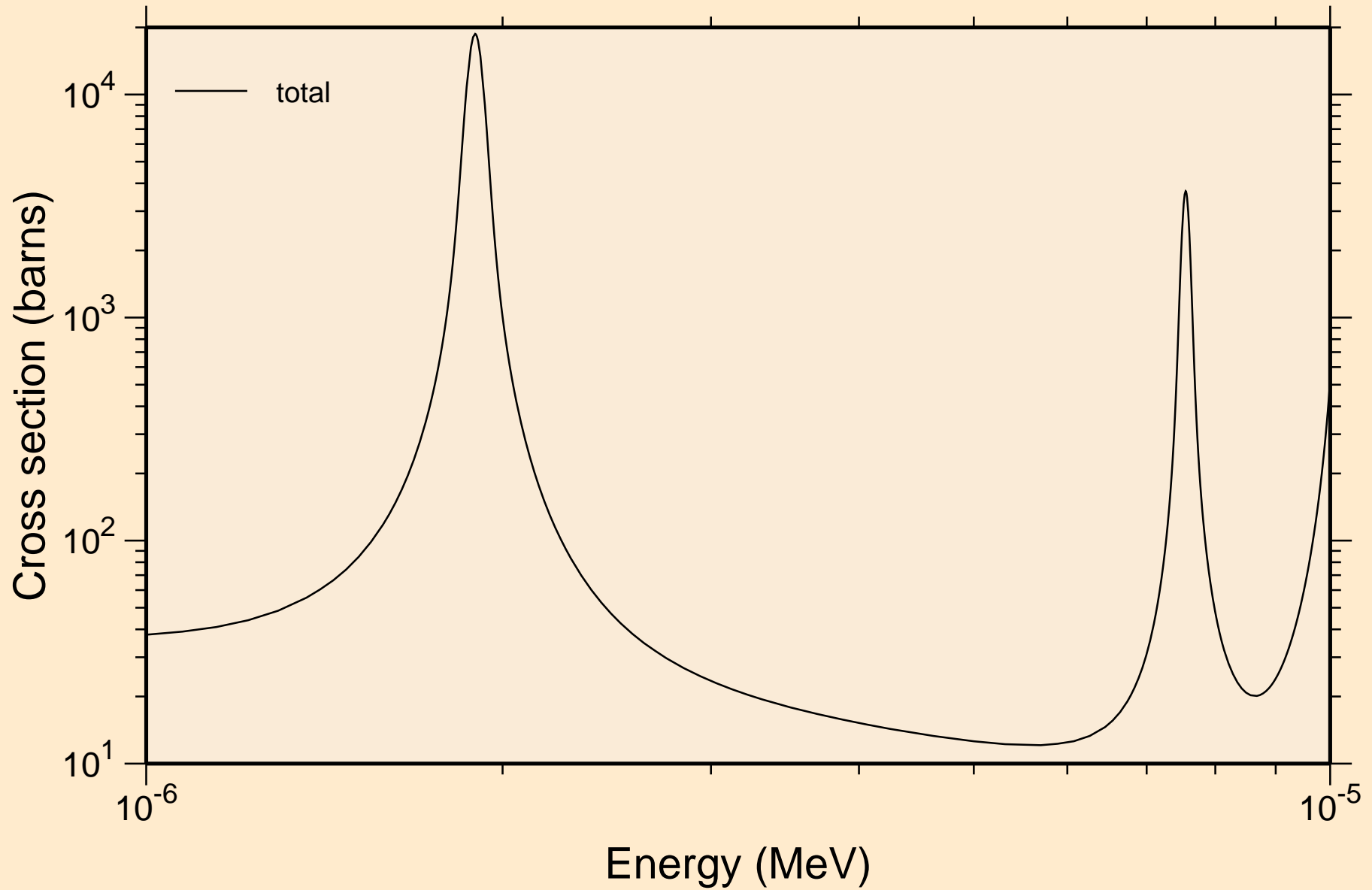


# TH228 NRG TENDL-2015, AKONING

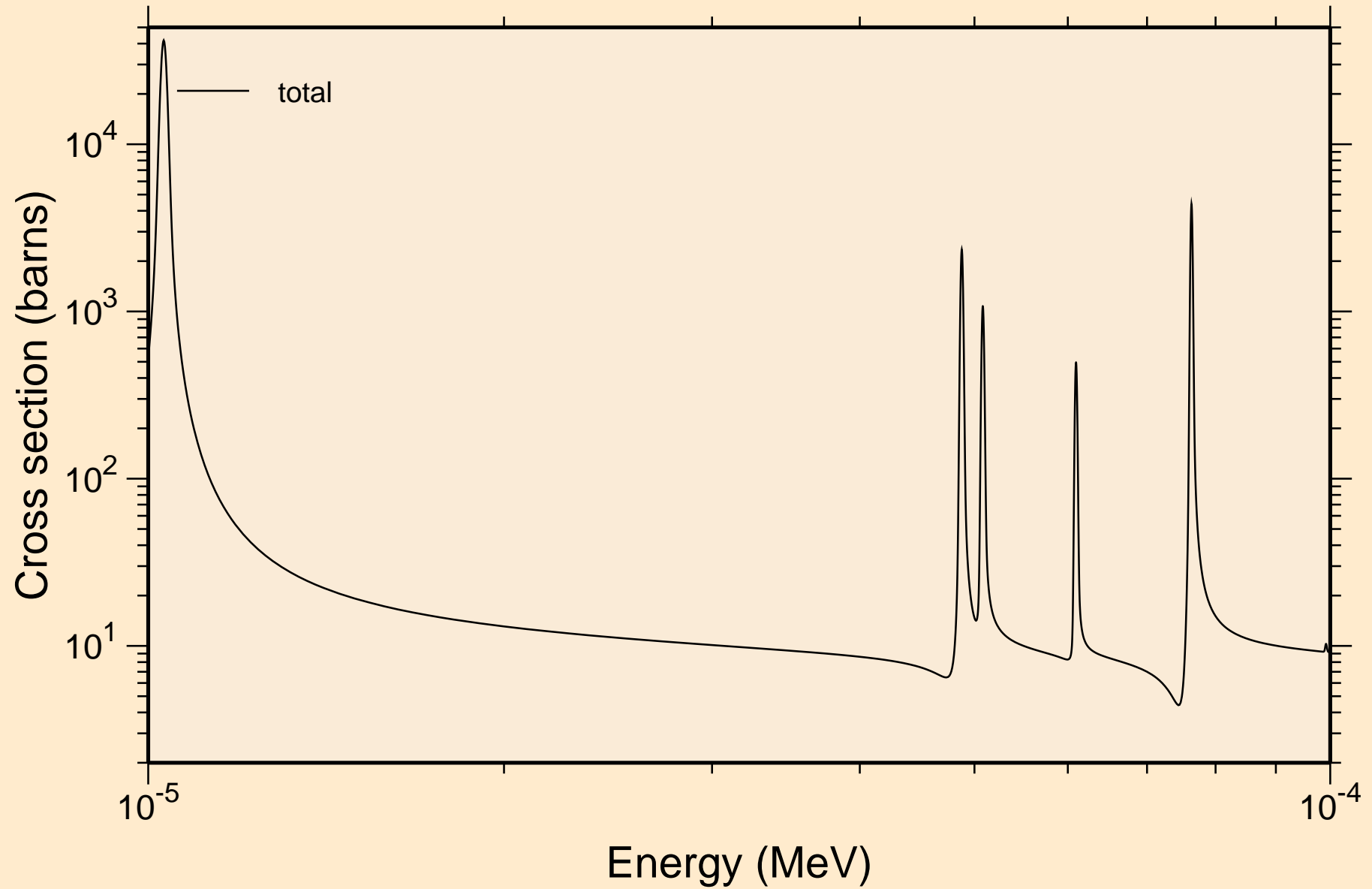
## Principal cross sections



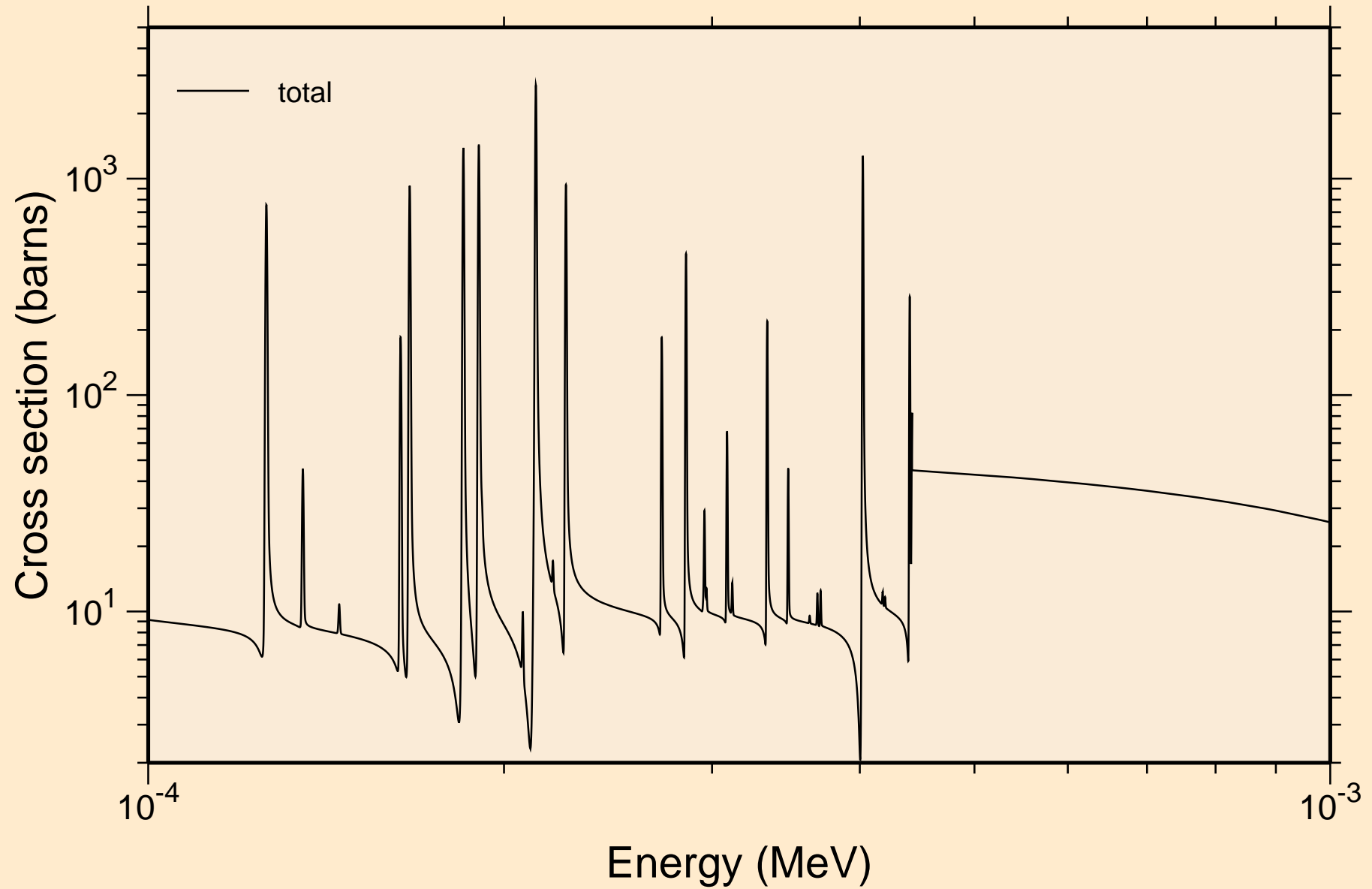
TH228 NRG TENDL-2015, AKONING  
resonance total cross section



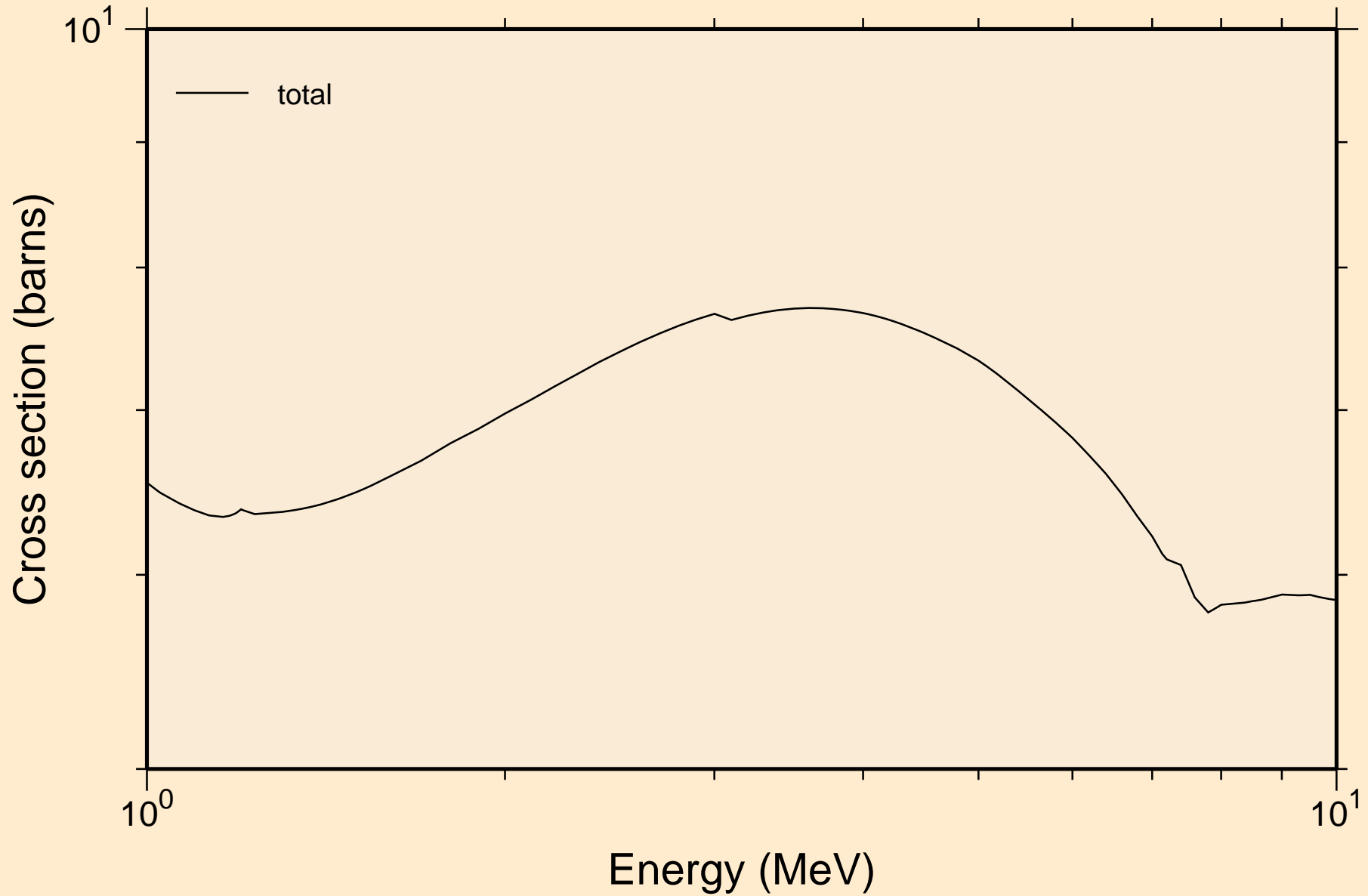
TH228 NRG TENDL-2015, AKONING  
resonance total cross section



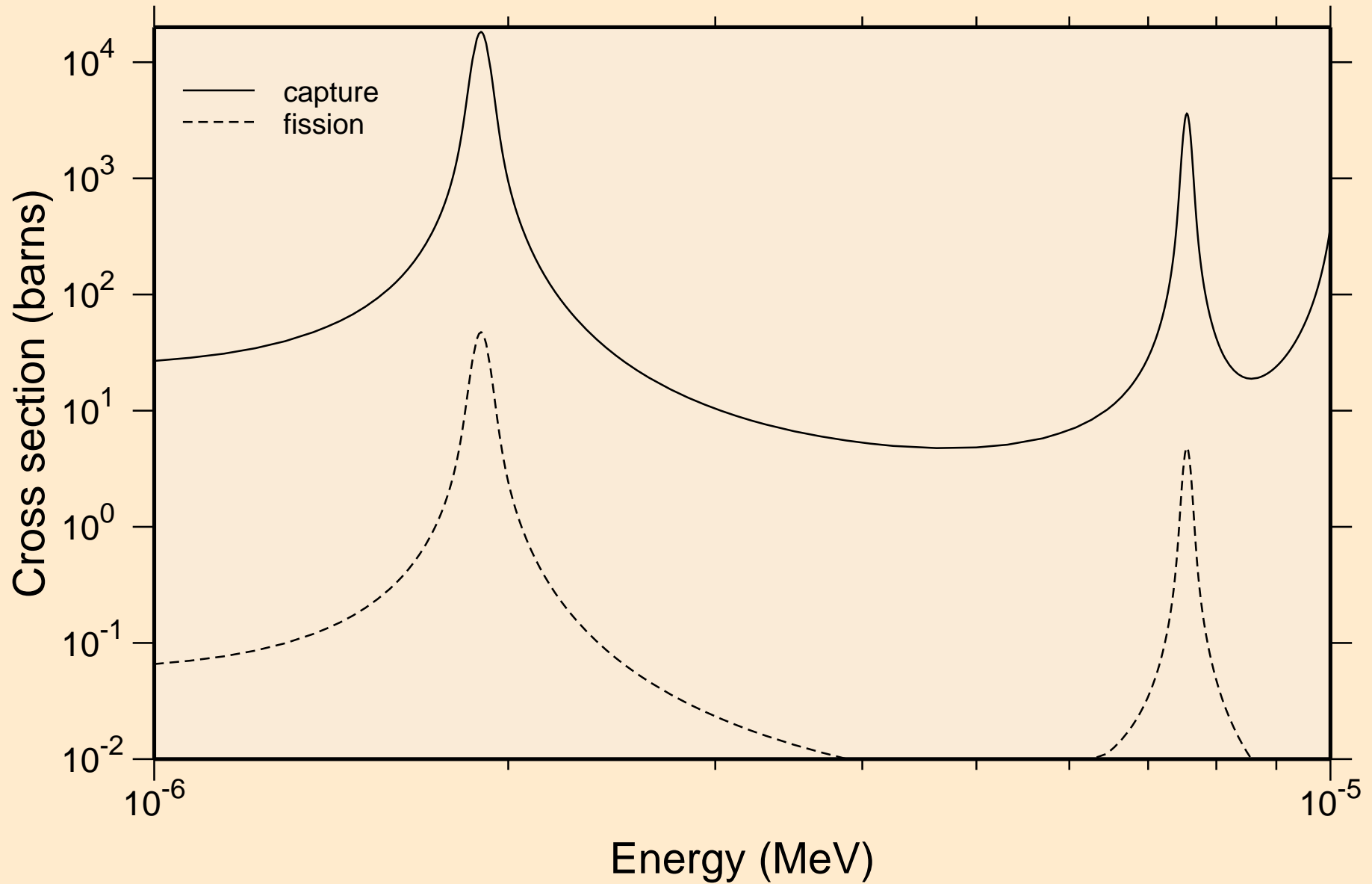
TH228 NRG TENDL-2015, AKONING  
resonance total cross section



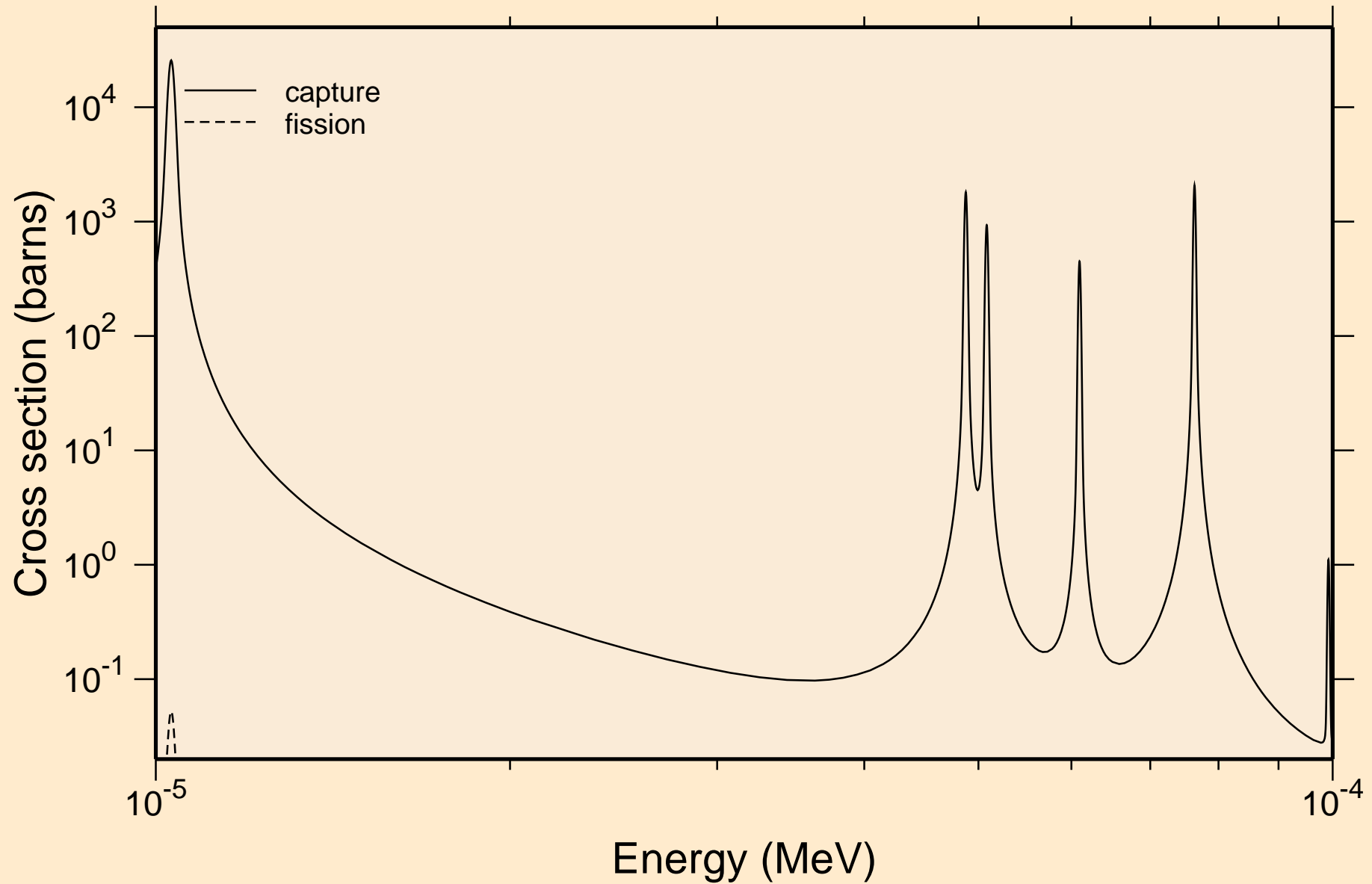
TH228 NRG TENDL-2015, AKONING  
resonance total cross section



TH228 NRG TENDL-2015, AKONING  
resonance absorption cross sections

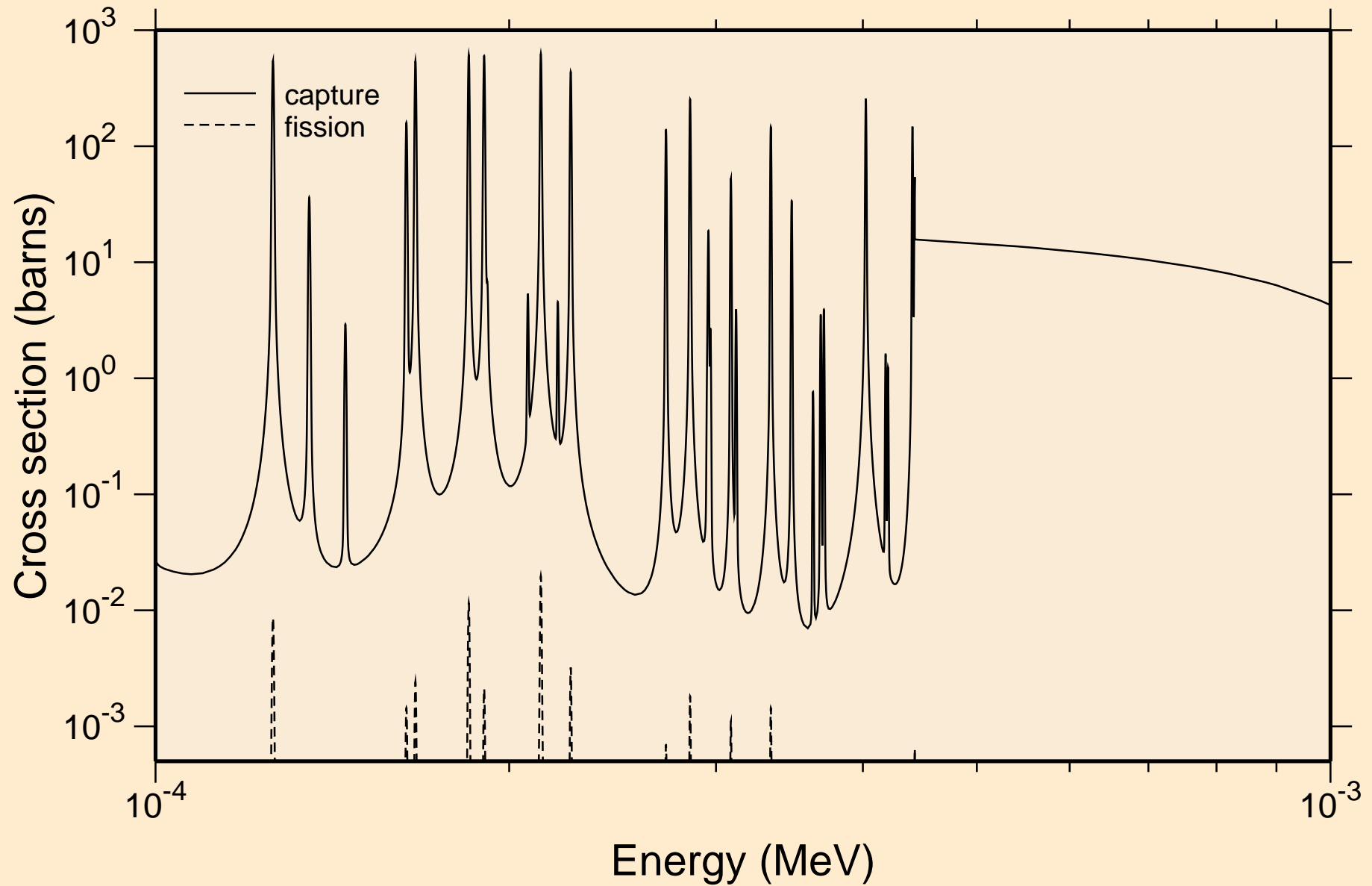


TH228 NRG TENDL-2015, AKONING  
resonance absorption cross sections



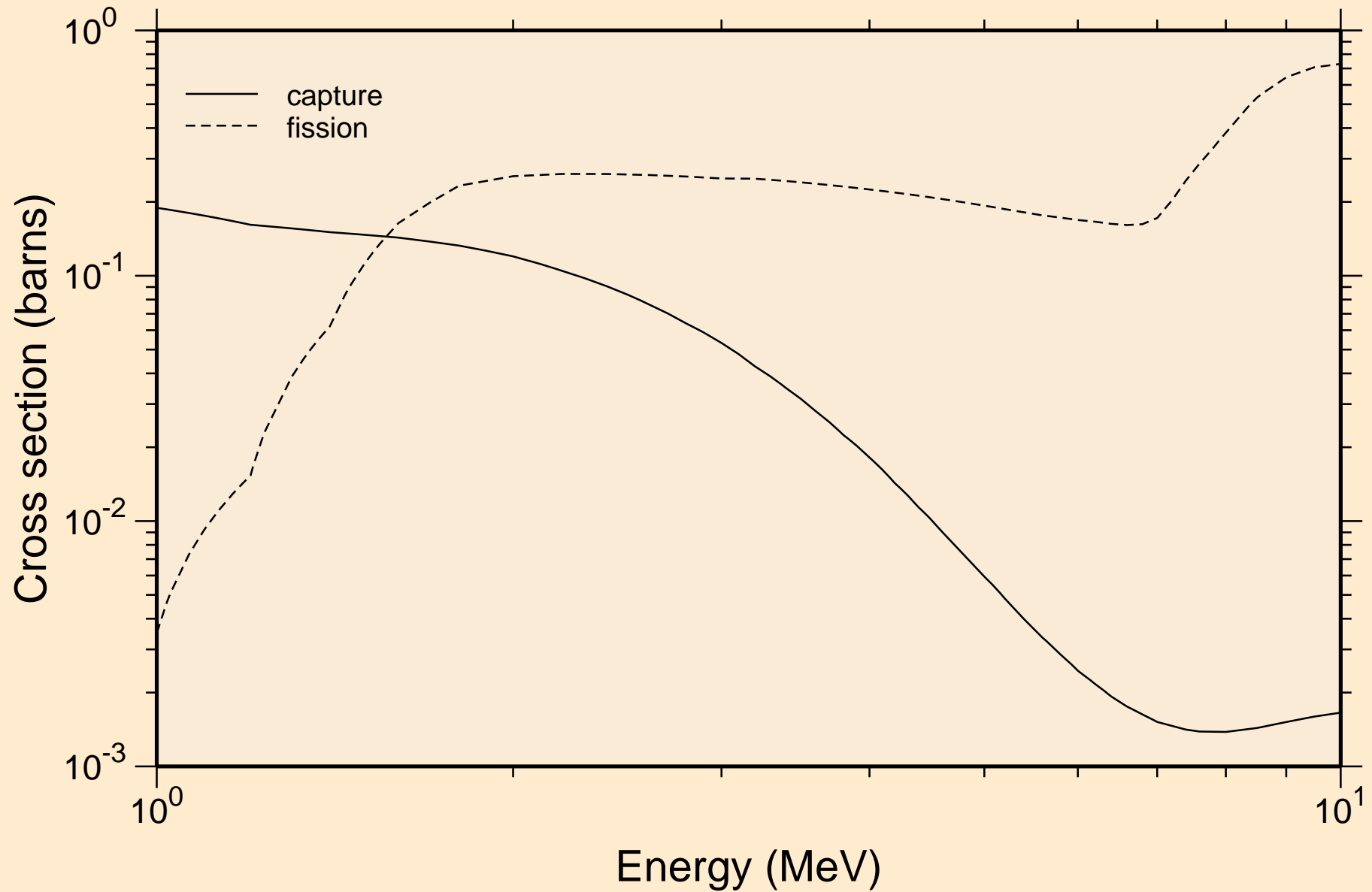
# TH228 NRG TENDL-2015, AKONING

## resonance absorption cross sections



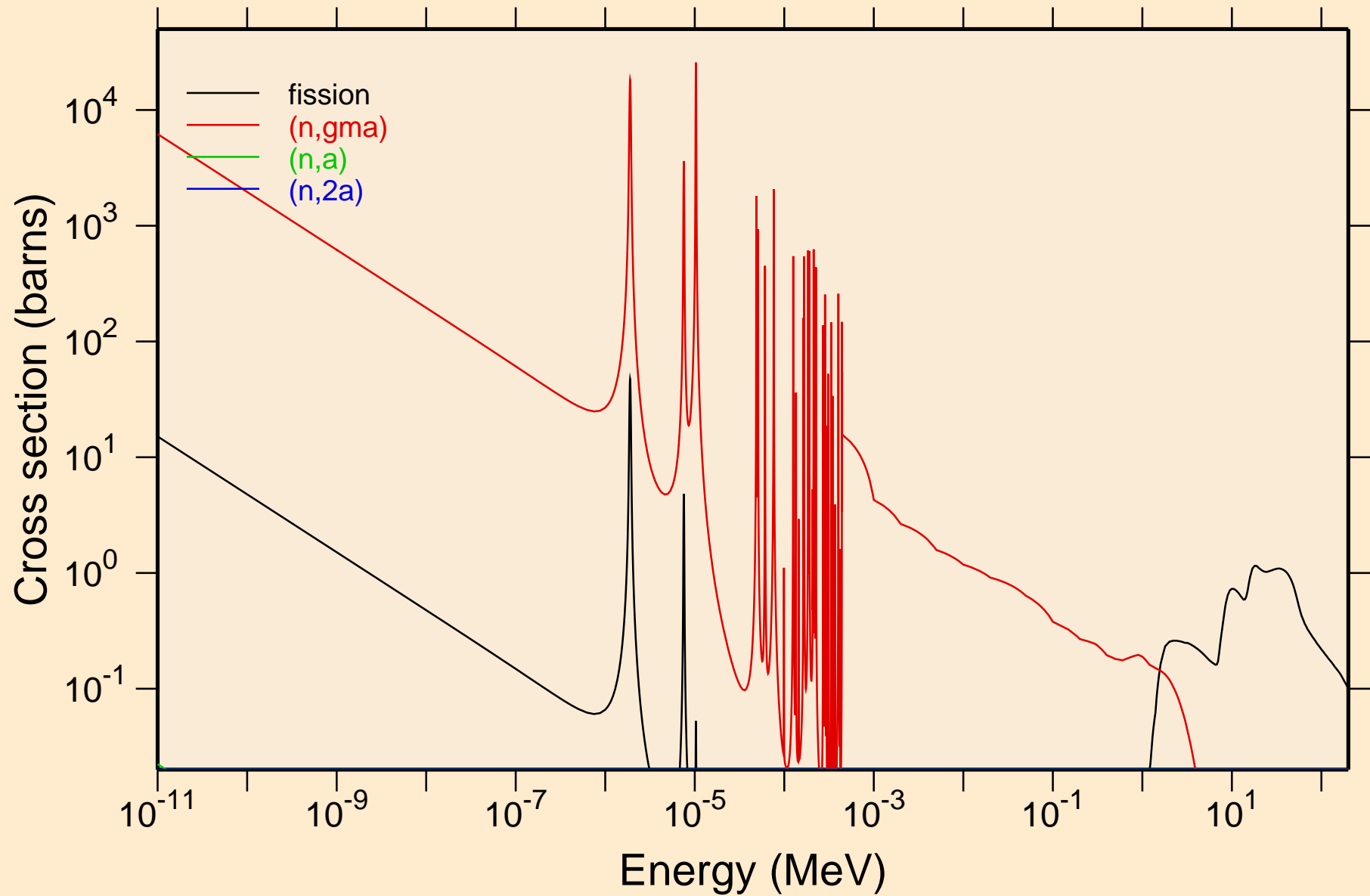


TH228 NRG TENDL-2015, AKONING  
resonance absorption cross sections



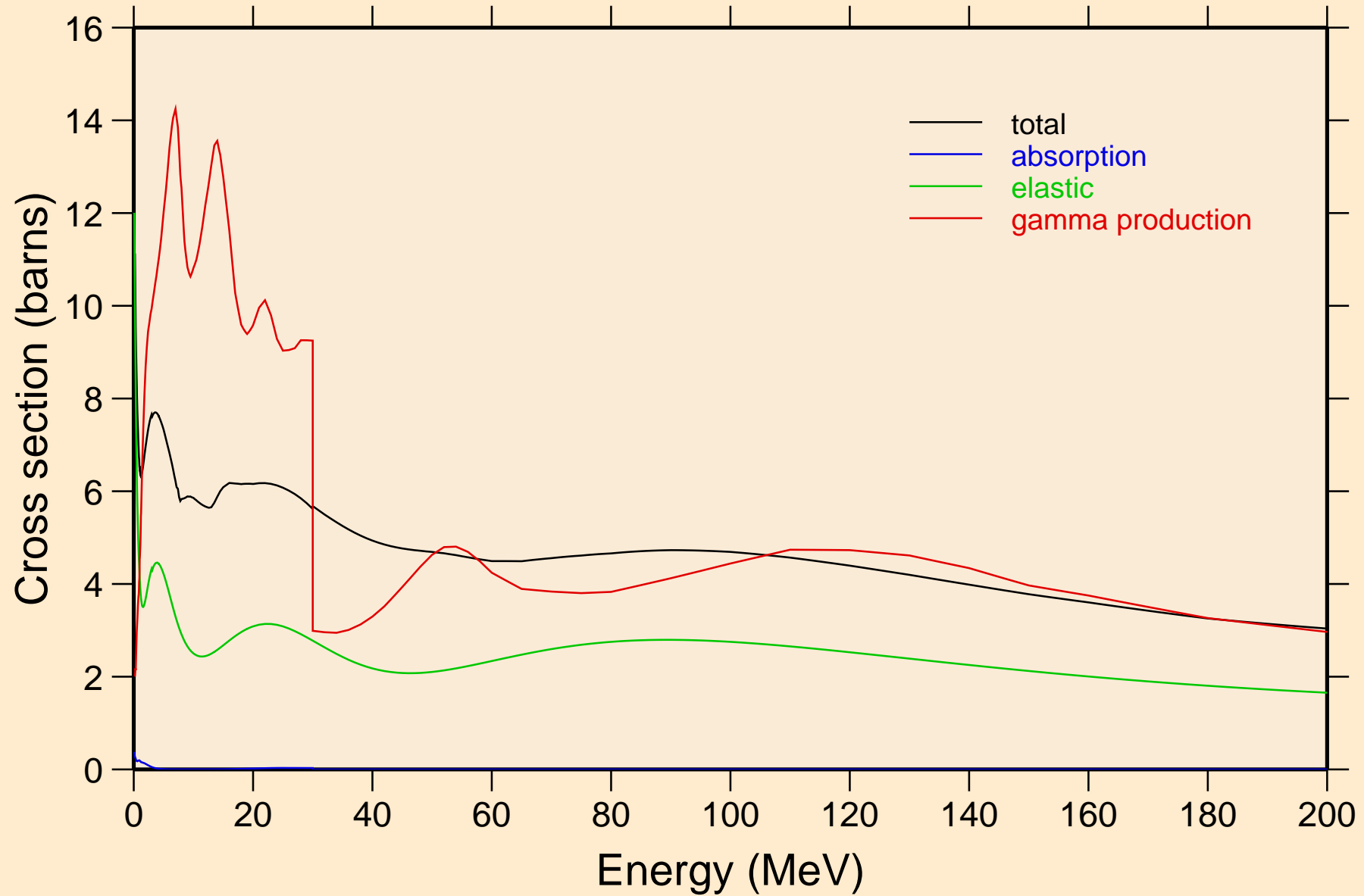
# TH228 NRG TENDL-2015, AKONING

## Non-threshold reactions



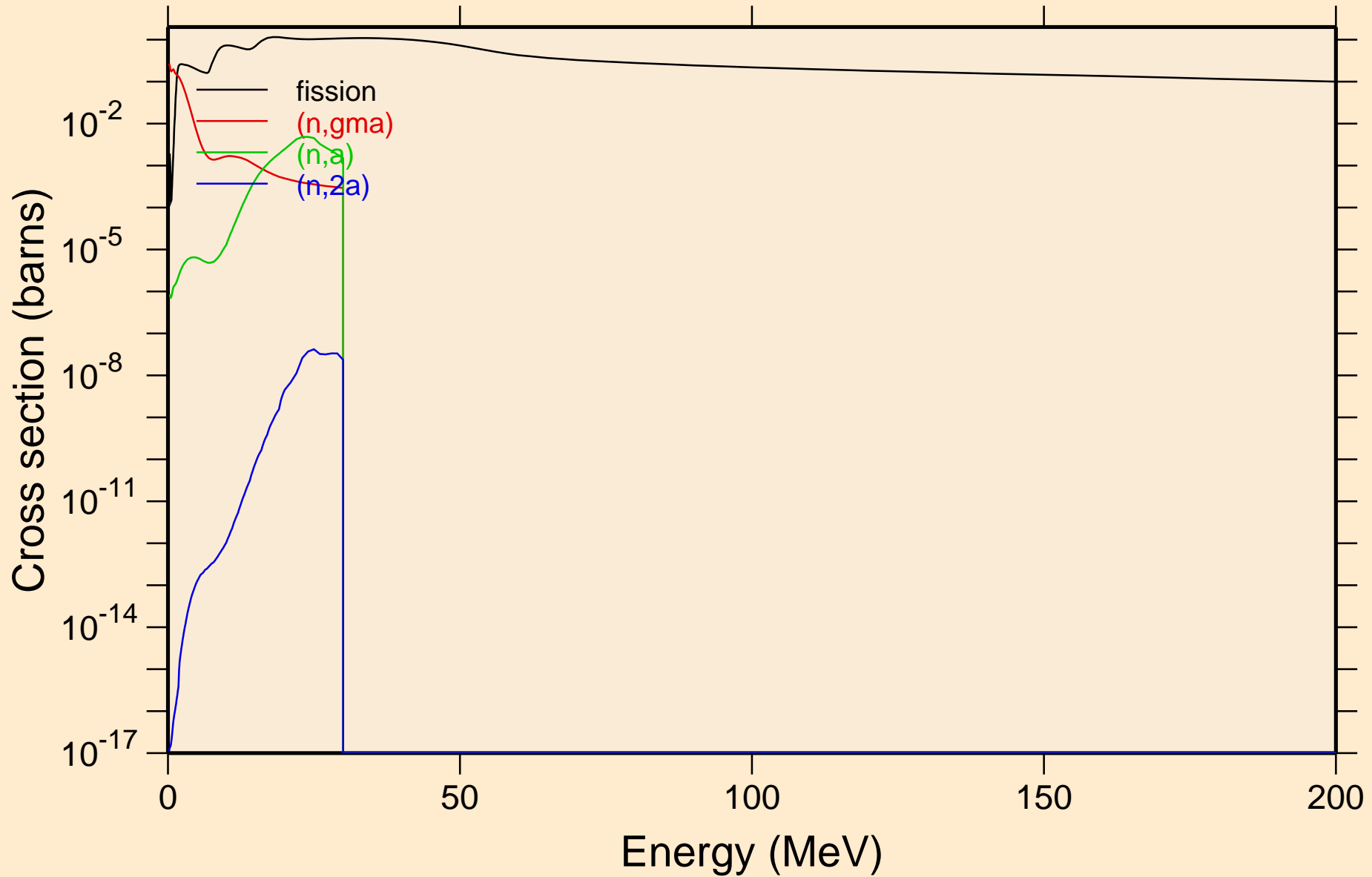
# TH228 NRG TENDL-2015, AKONING

## Principal cross sections



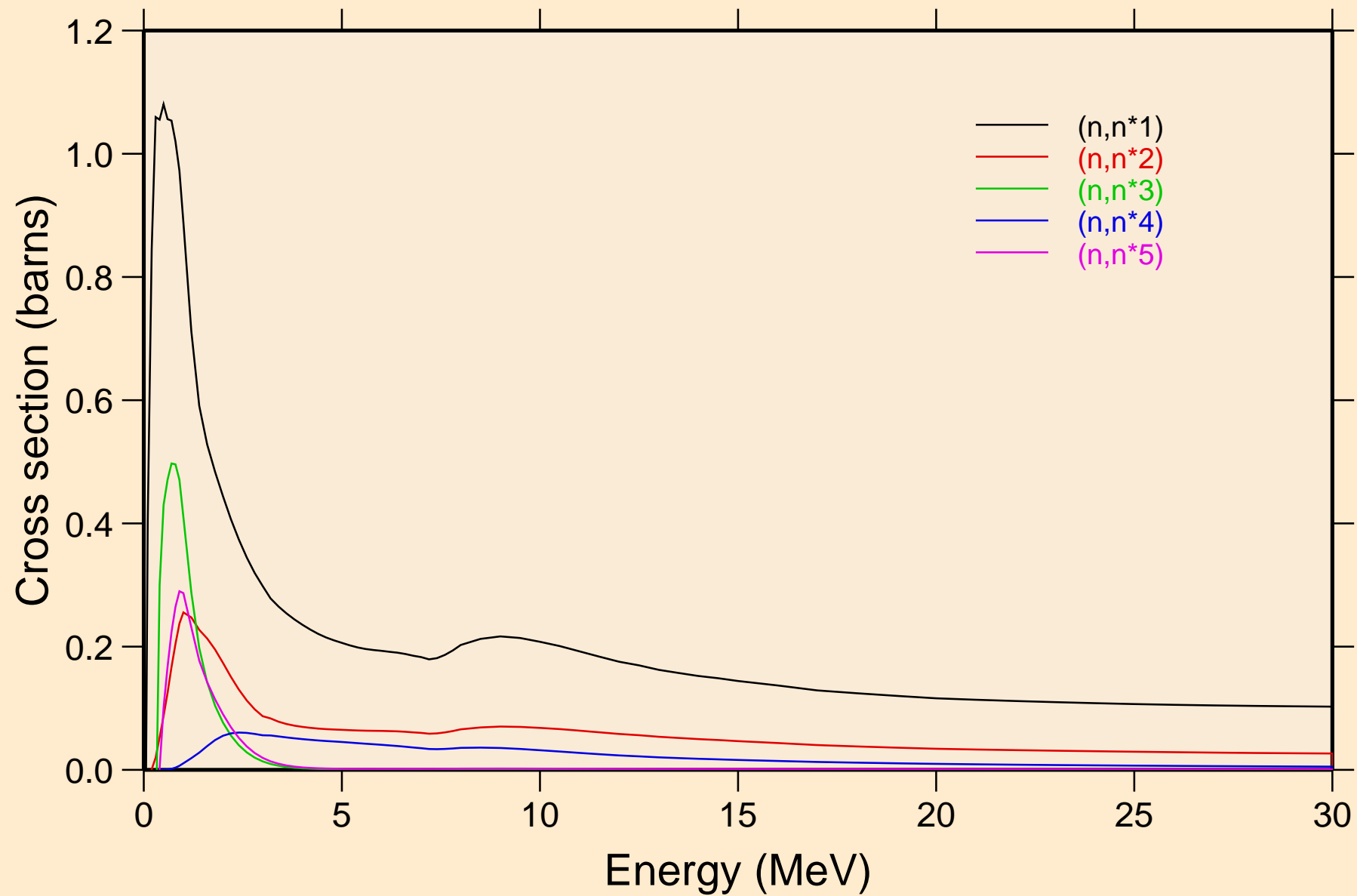
# TH228 NRG TENDL-2015, AKONING

## Non-threshold reactions



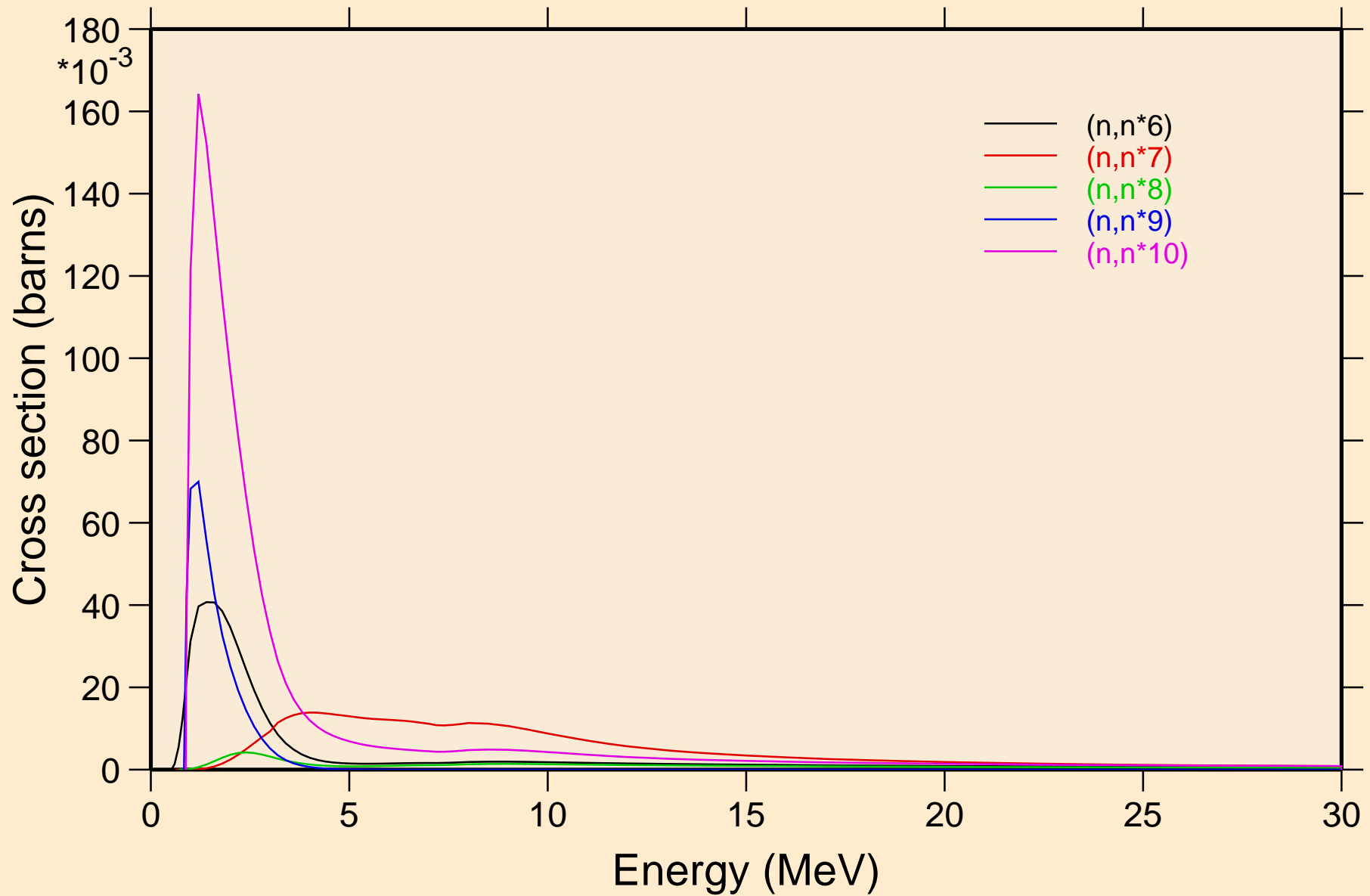
# TH228 NRG TENDL-2015, AKONING

## Inelastic levels



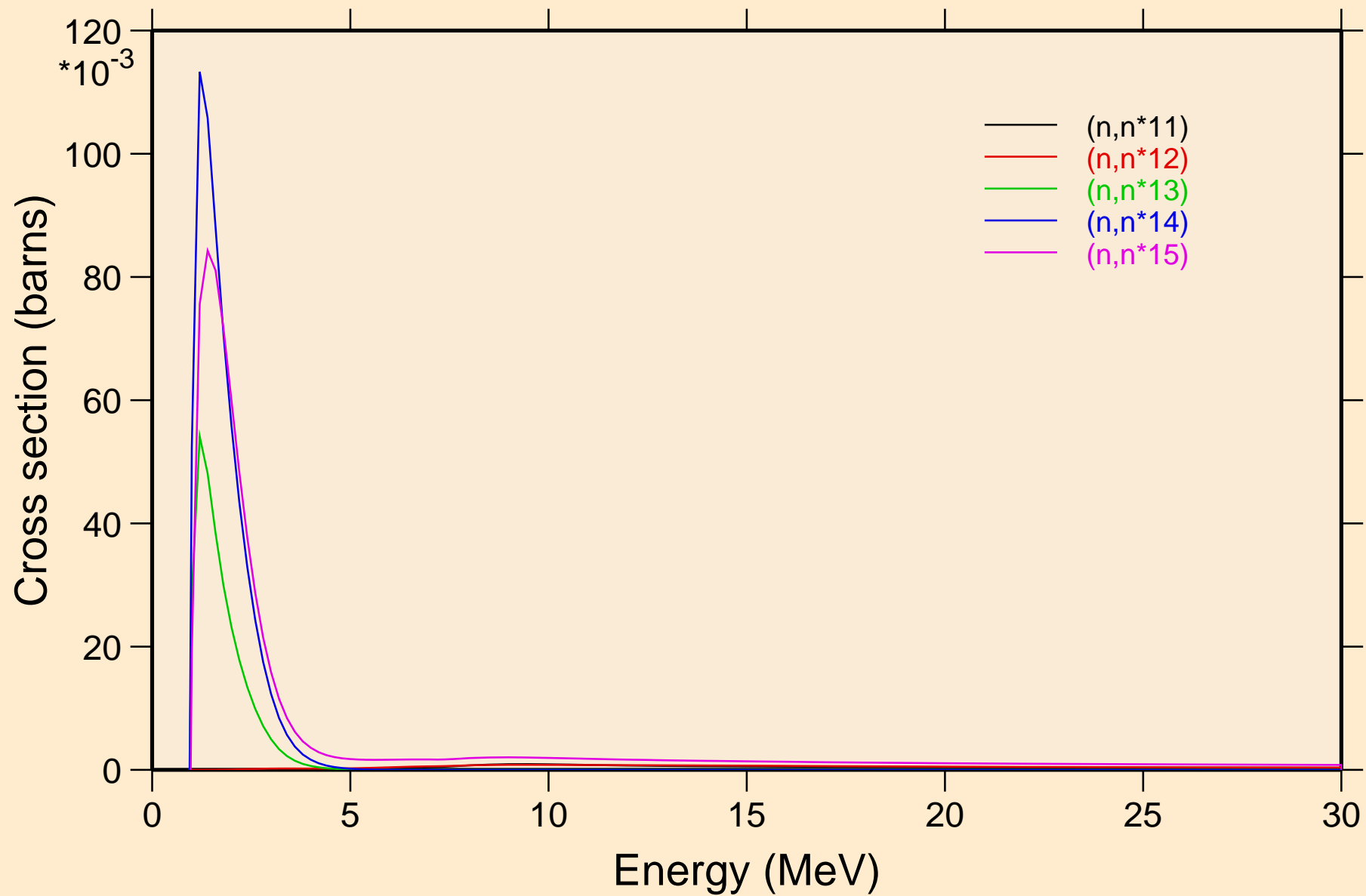
# TH228 NRG TENDL-2015, AKONING

## Inelastic levels



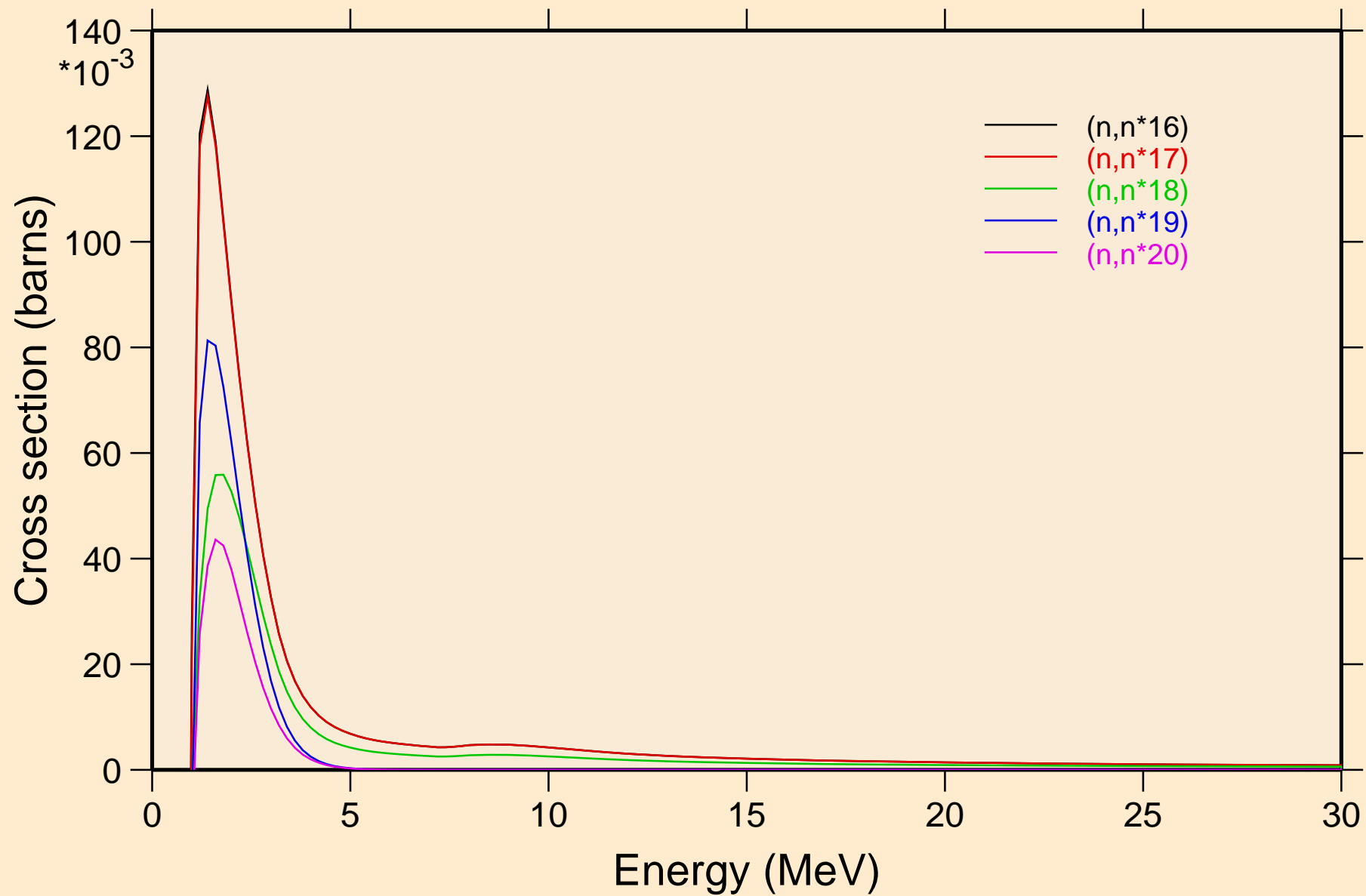
# TH228 NRG TENDL-2015, AKONING

## Inelastic levels



# TH228 NRG TENDL-2015, AKONING

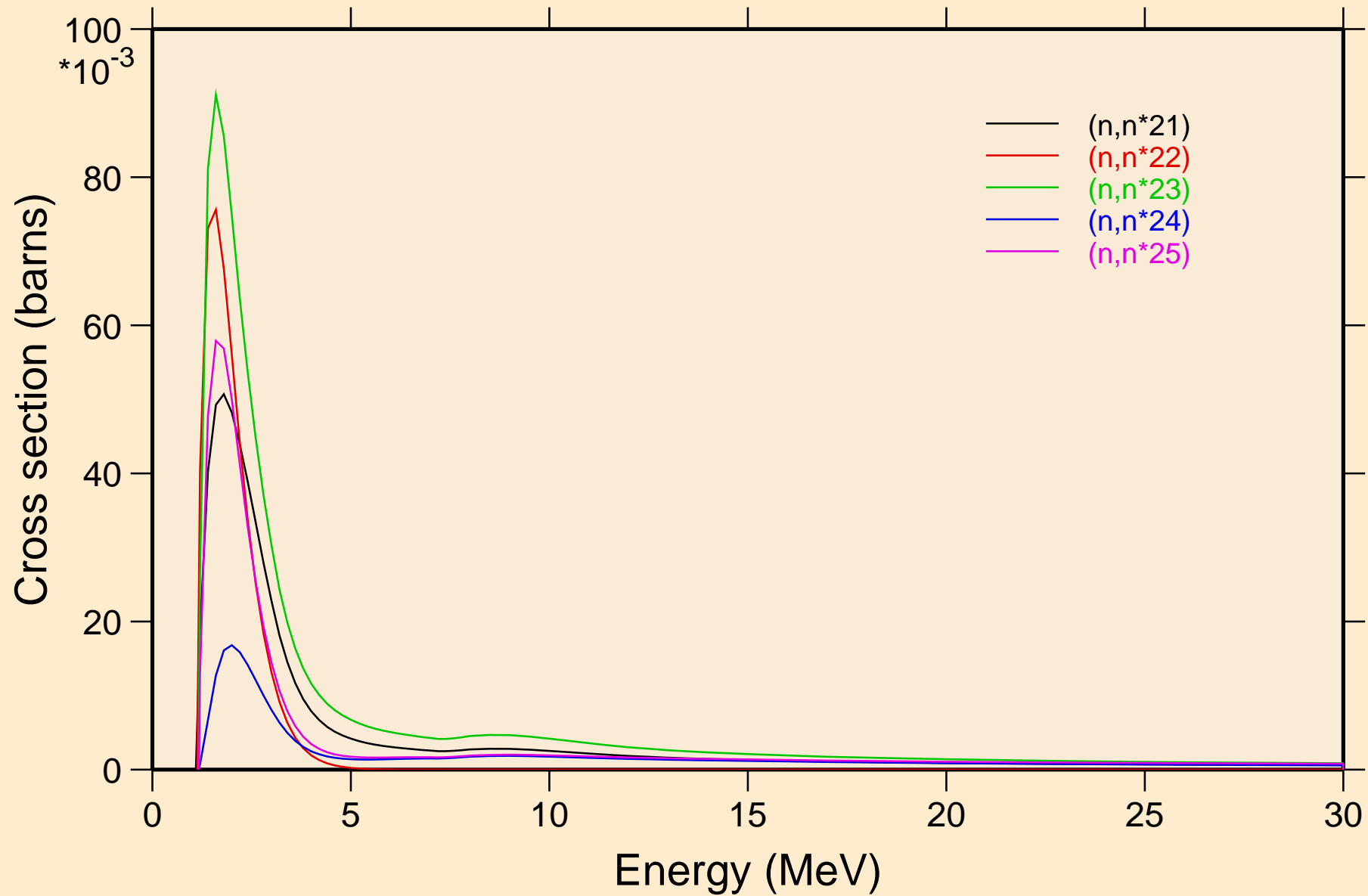
## Inelastic levels





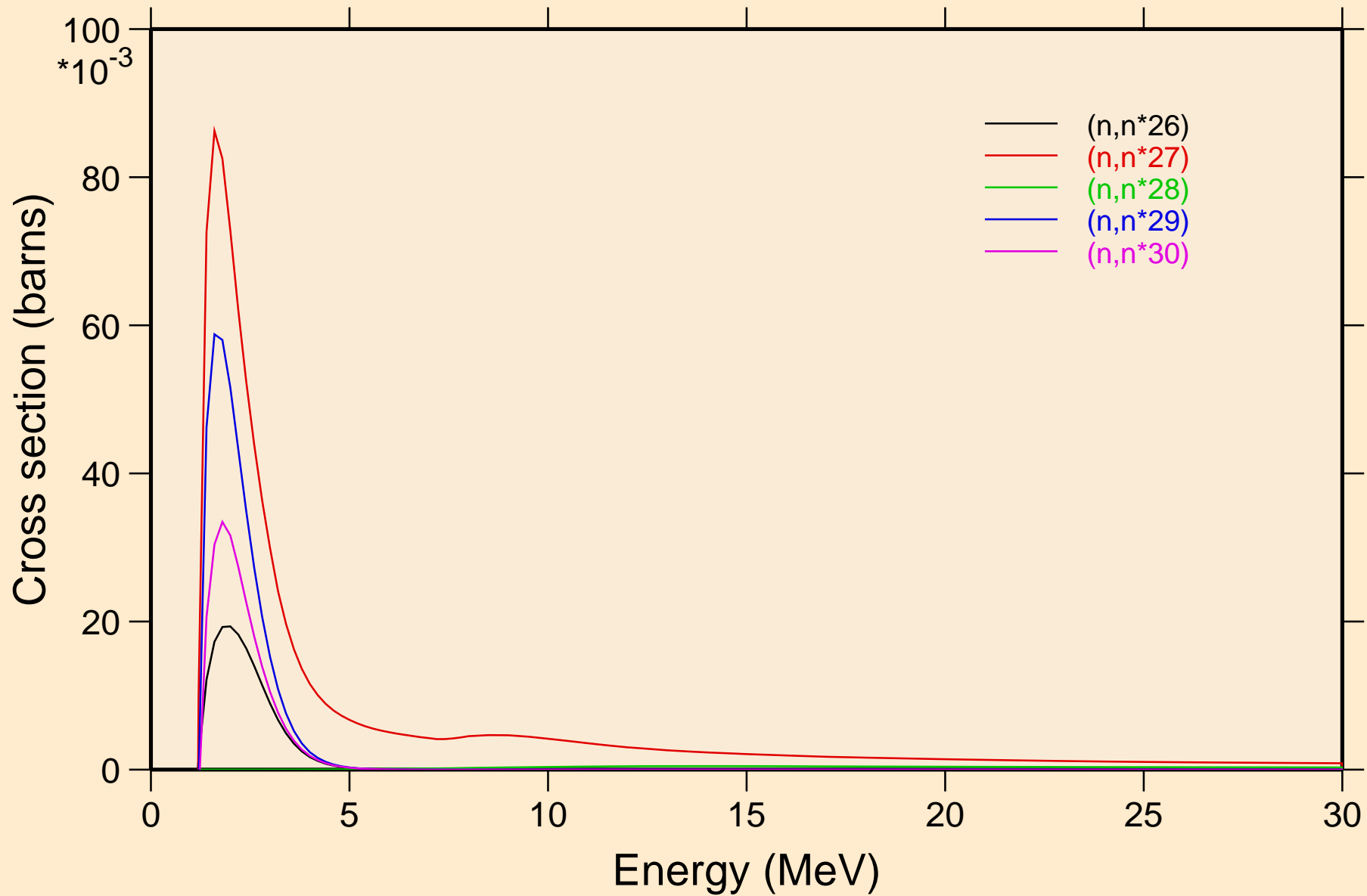
# TH228 NRG TENDL-2015, AKONING

## Inelastic levels



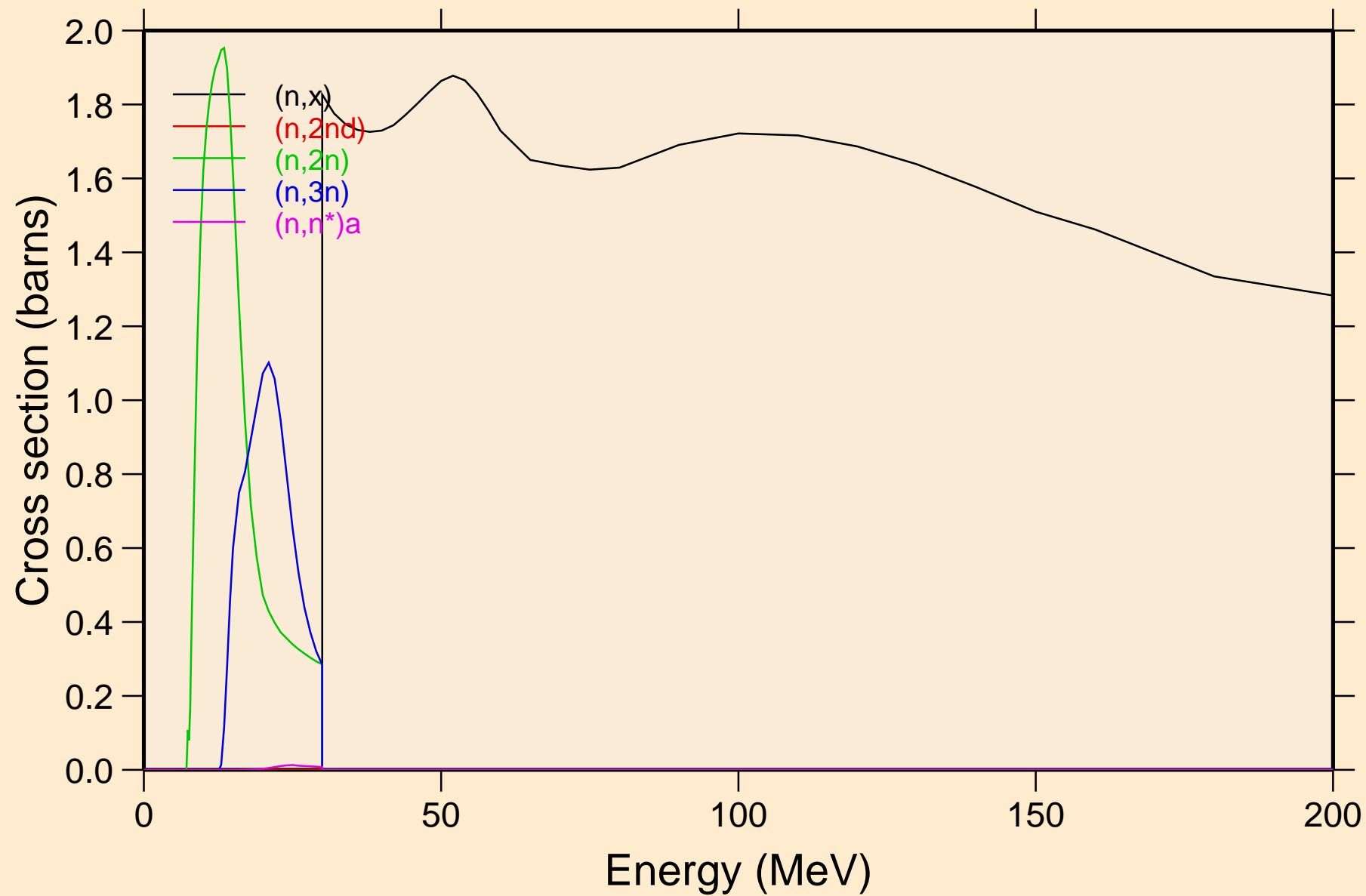
# TH228 NRG TENDL-2015, AKONING

## Inelastic levels



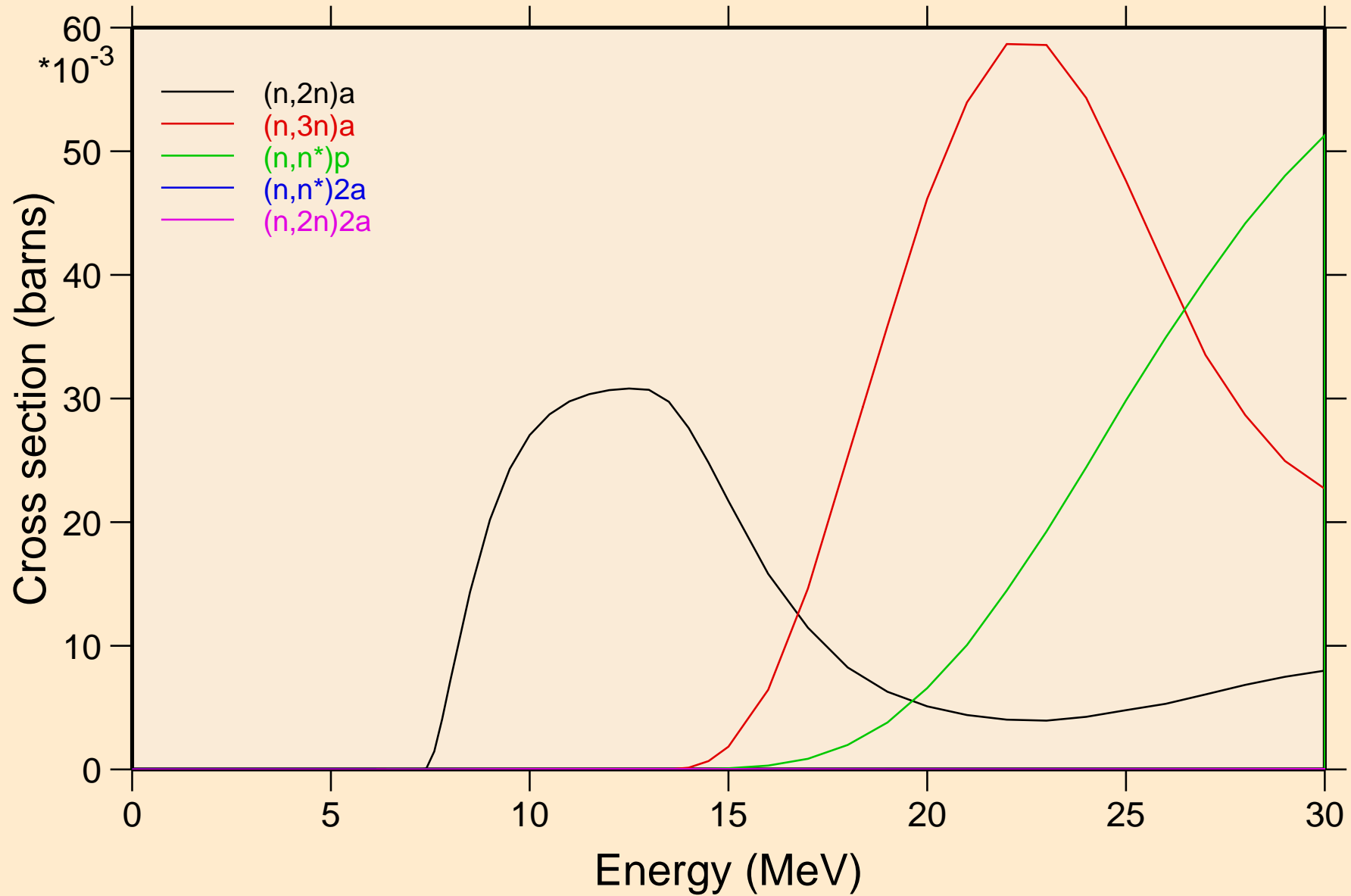
# TH228 NRG TENDL-2015, AKONING

## Threshold reactions



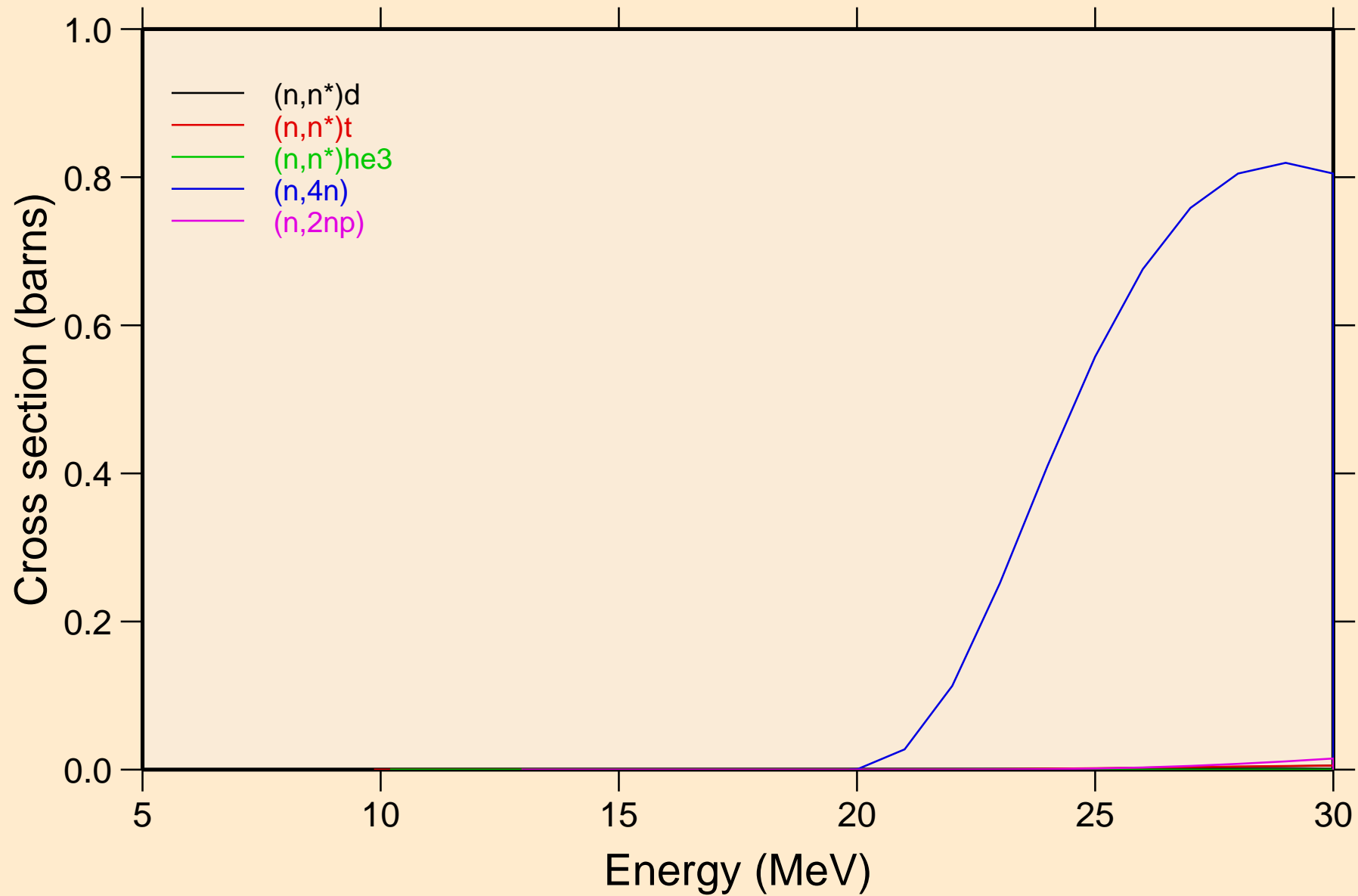
# TH228 NRG TENDL-2015, AKONING

## Threshold reactions



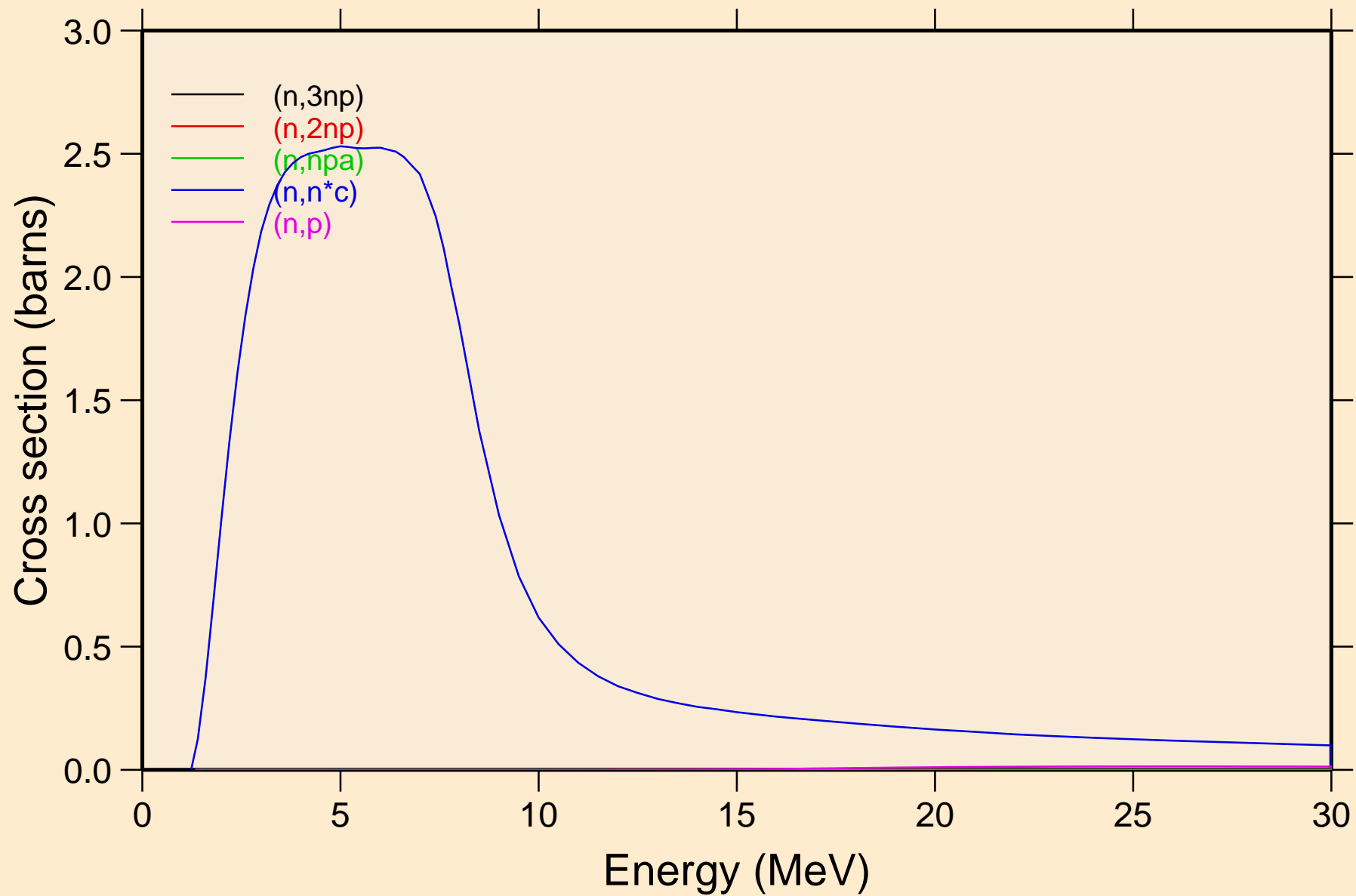
# TH228 NRG TENDL-2015, AKONING

## Threshold reactions



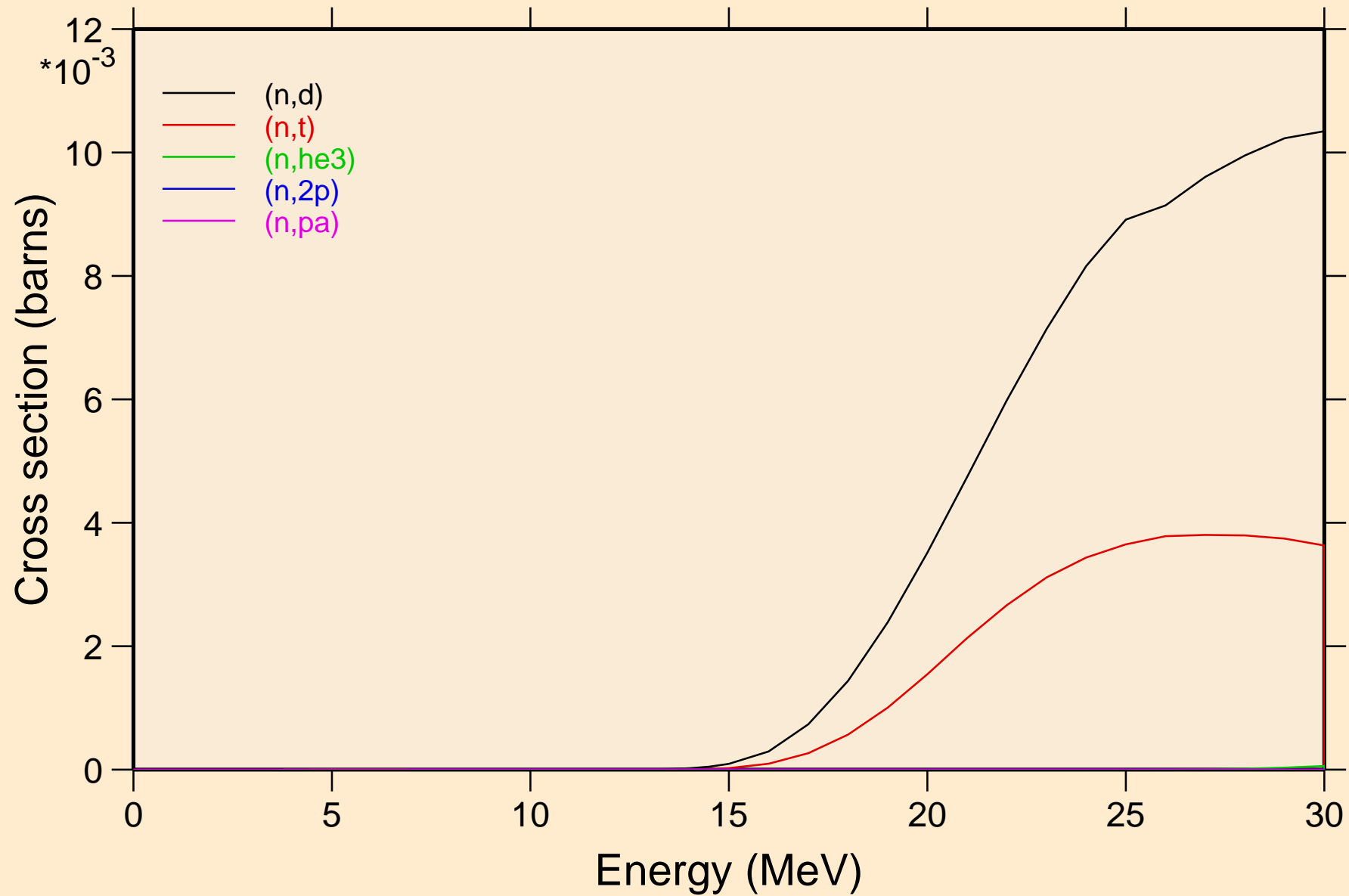
# TH228 NRG TENDL-2015, AKONING

## Threshold reactions



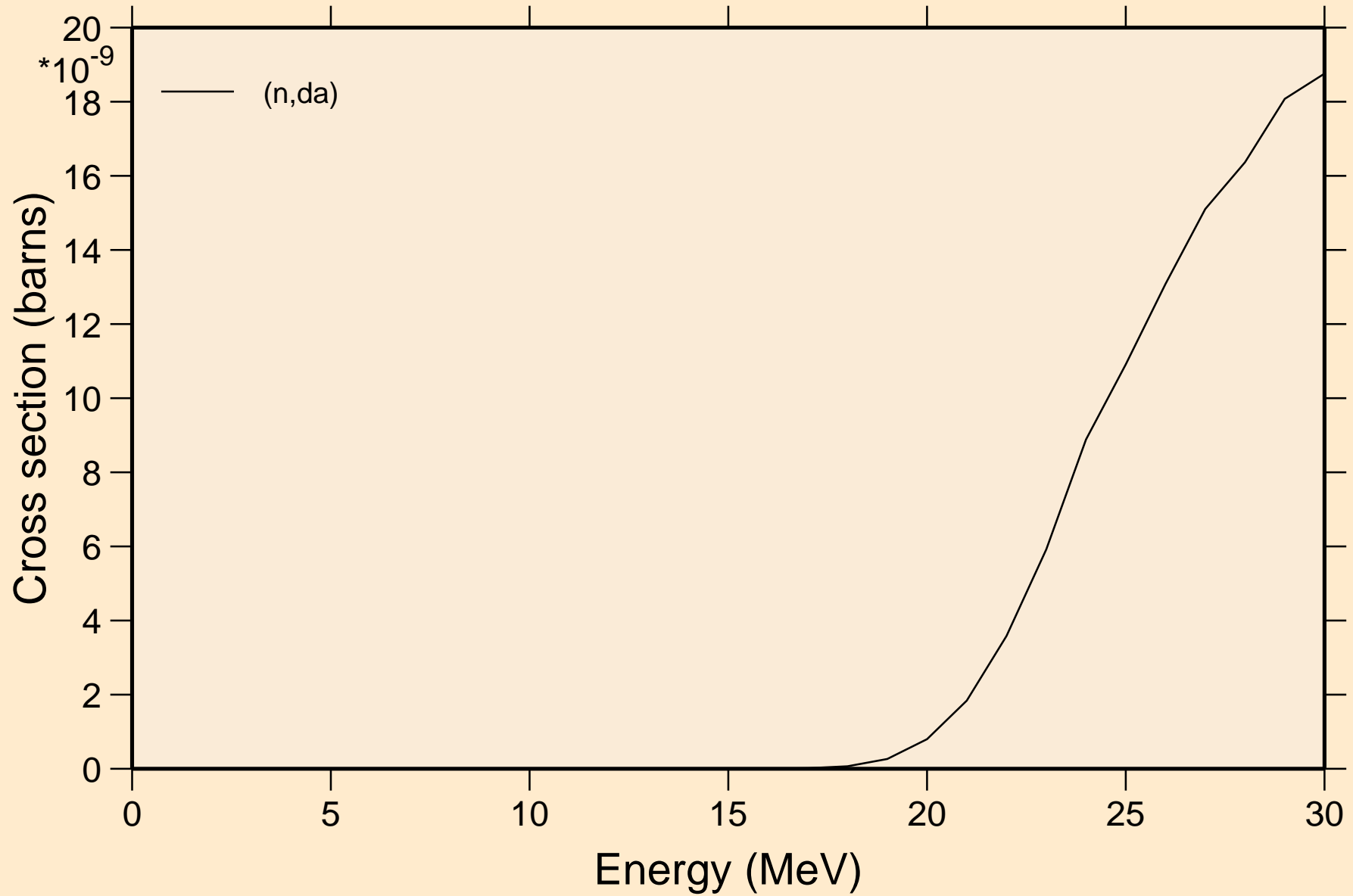
# TH228 NRG TENDL-2015, AKONING

## Threshold reactions



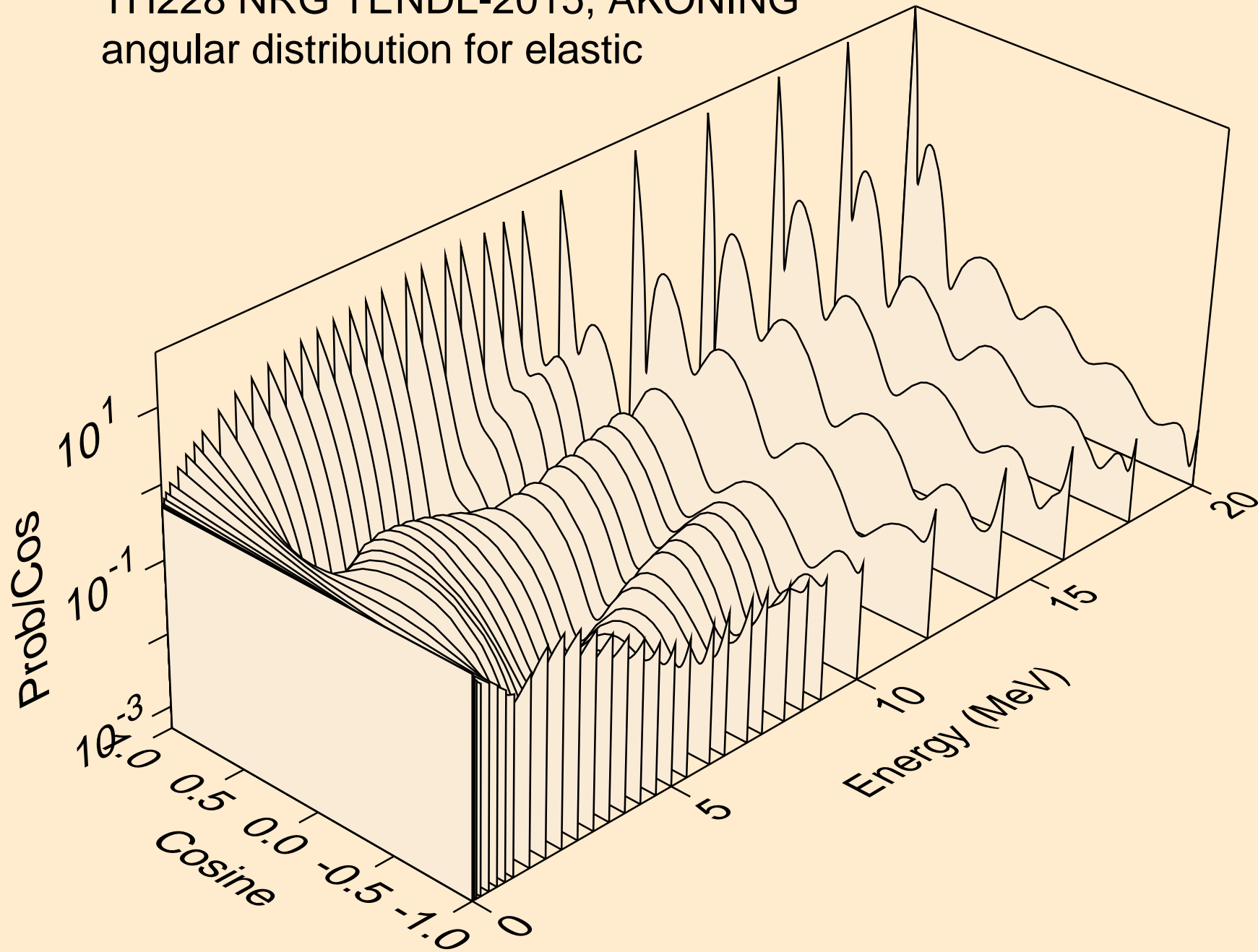
# TH228 NRG TENDL-2015, AKONING

## Threshold reactions

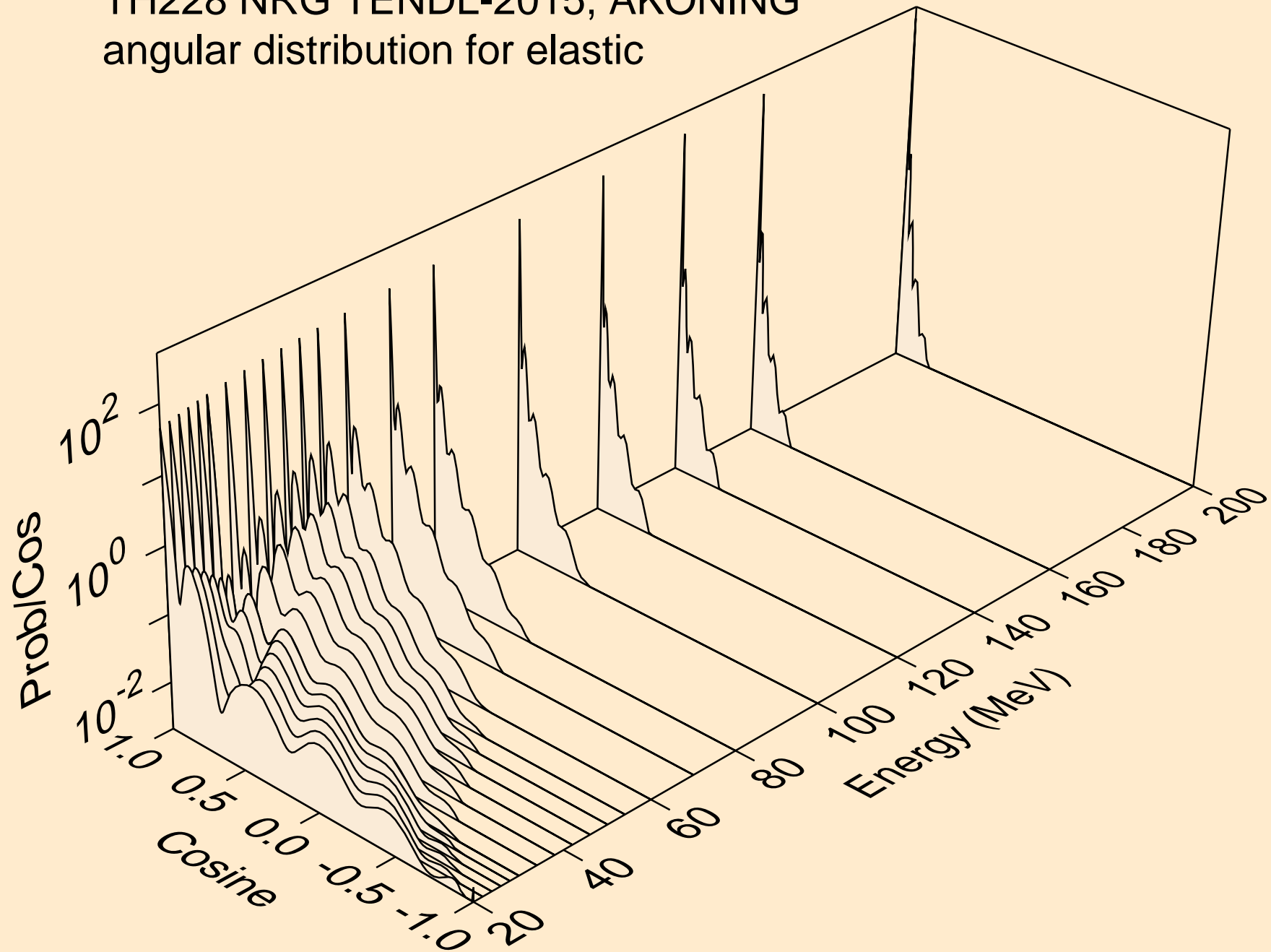




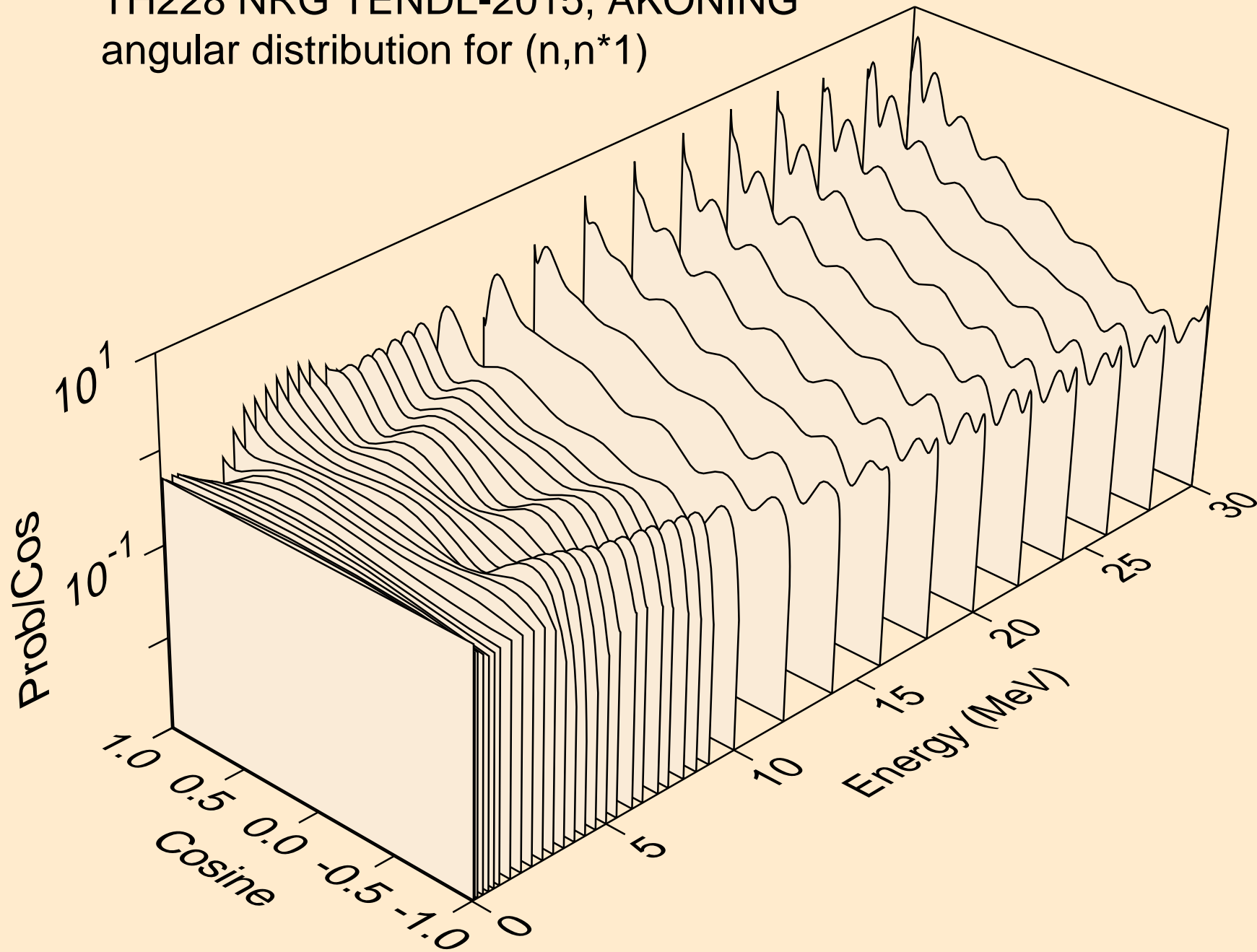
TH228 NRG TENDL-2015, AKONING  
angular distribution for elastic



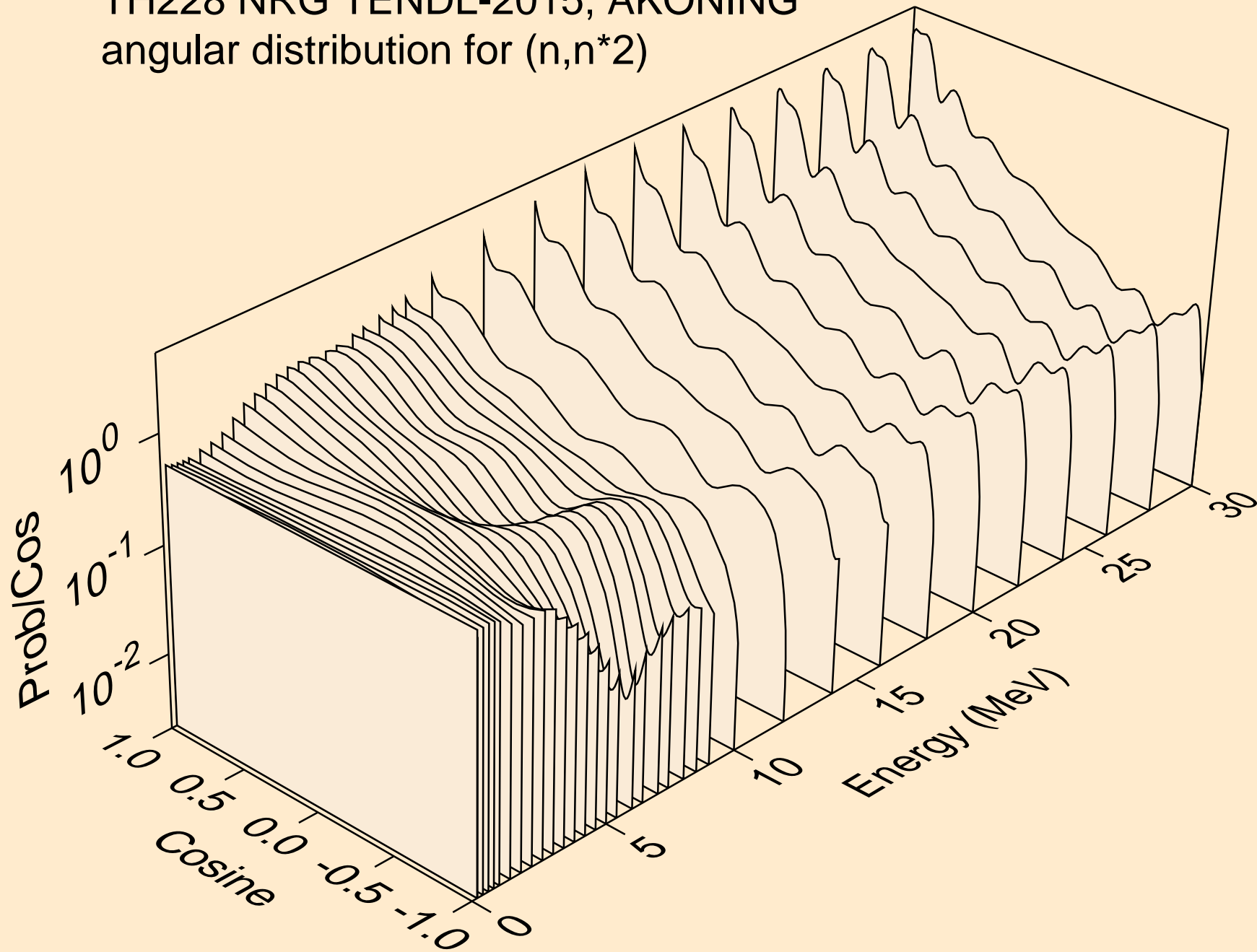
TH228 NRG TENDL-2015, AKONING  
angular distribution for elastic



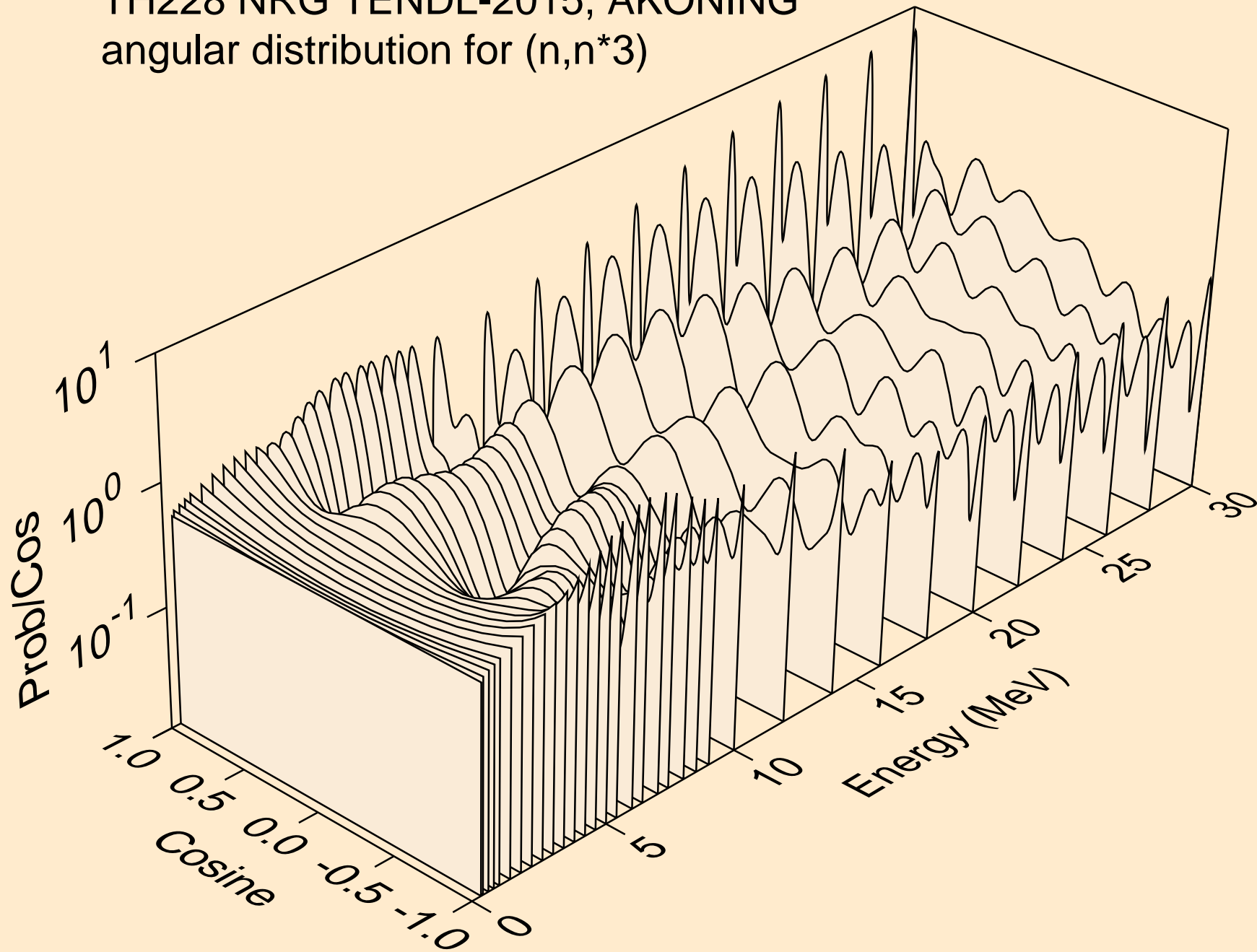
TH228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



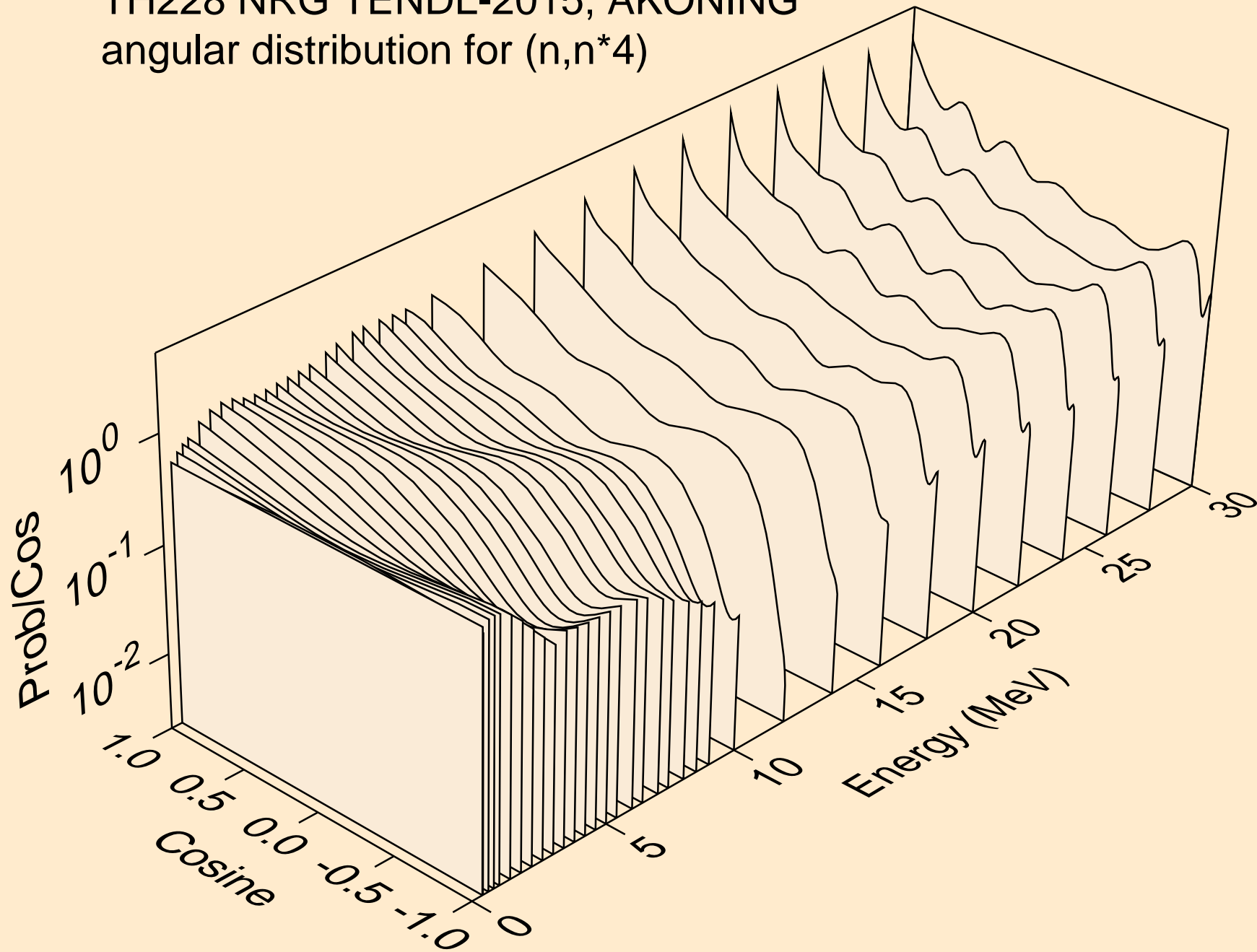
TH228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



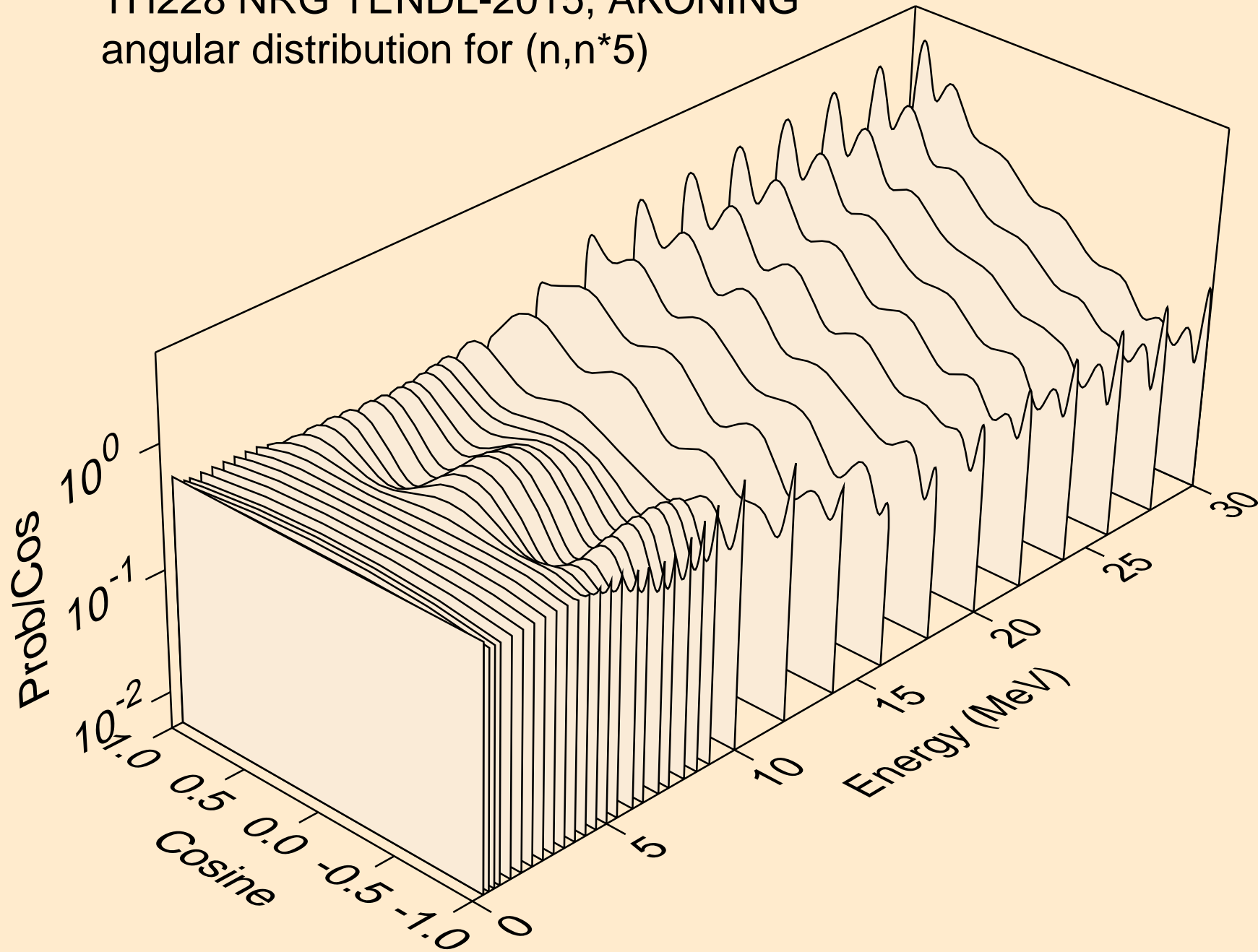
TH228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



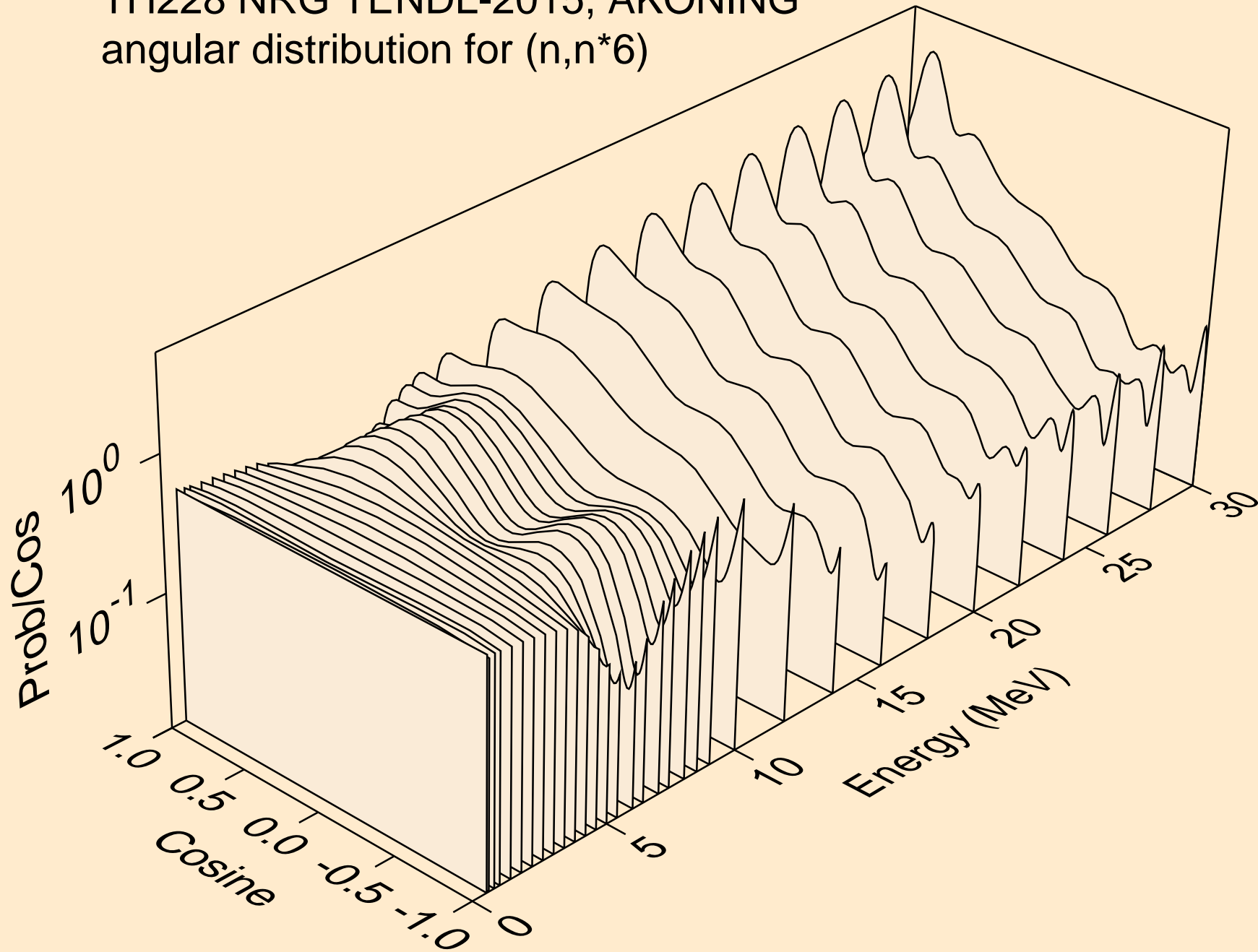
TH228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



TH228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

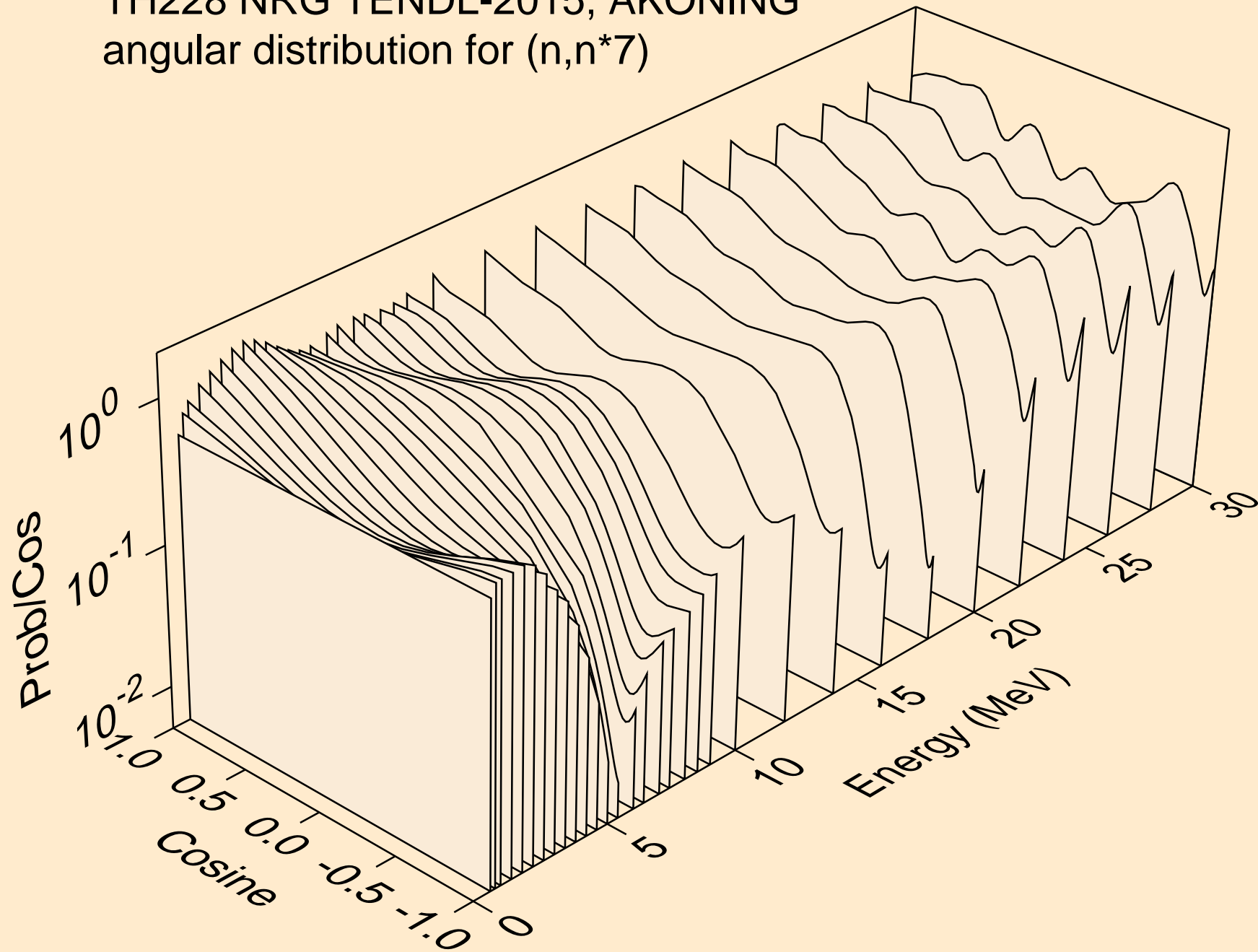


TH228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

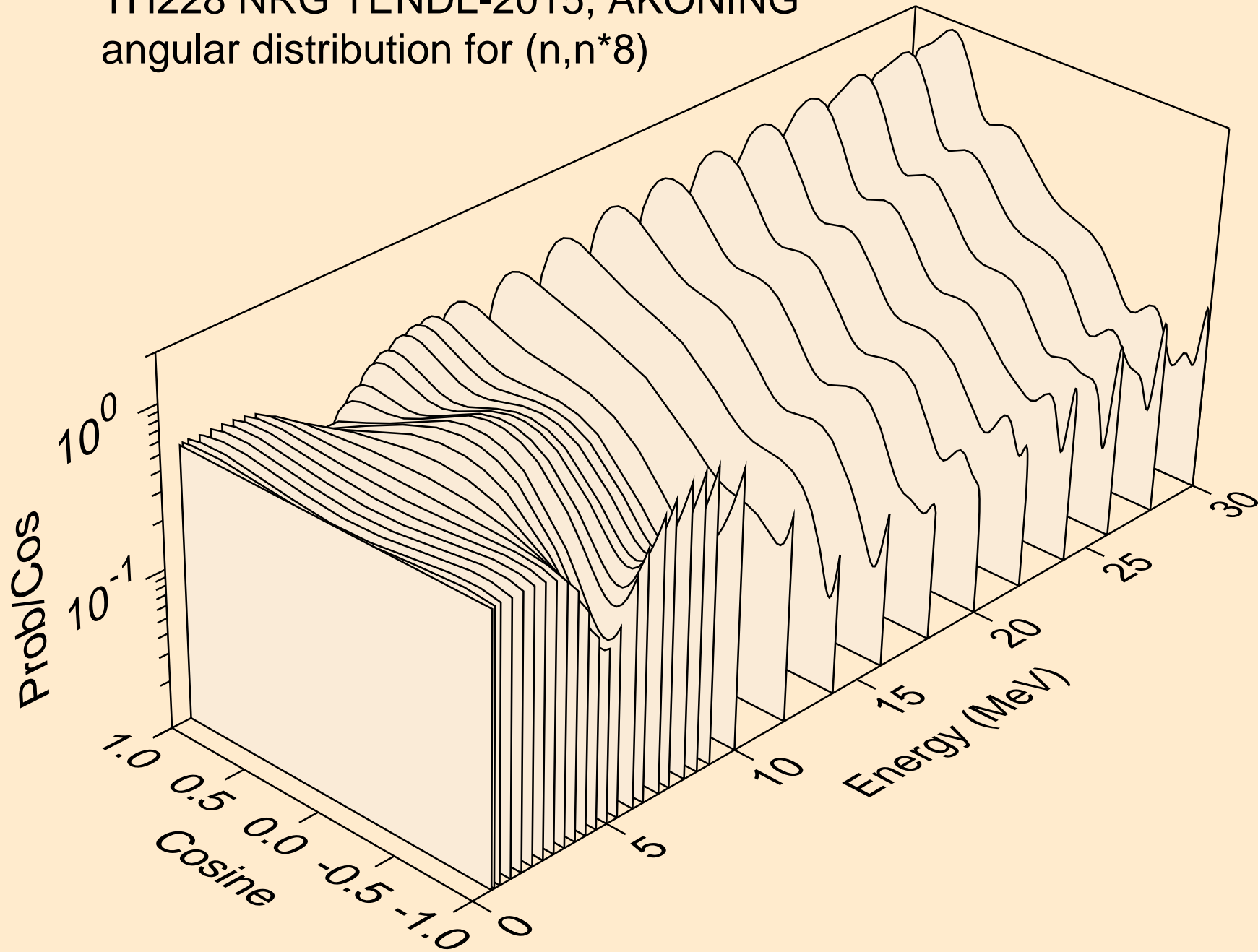




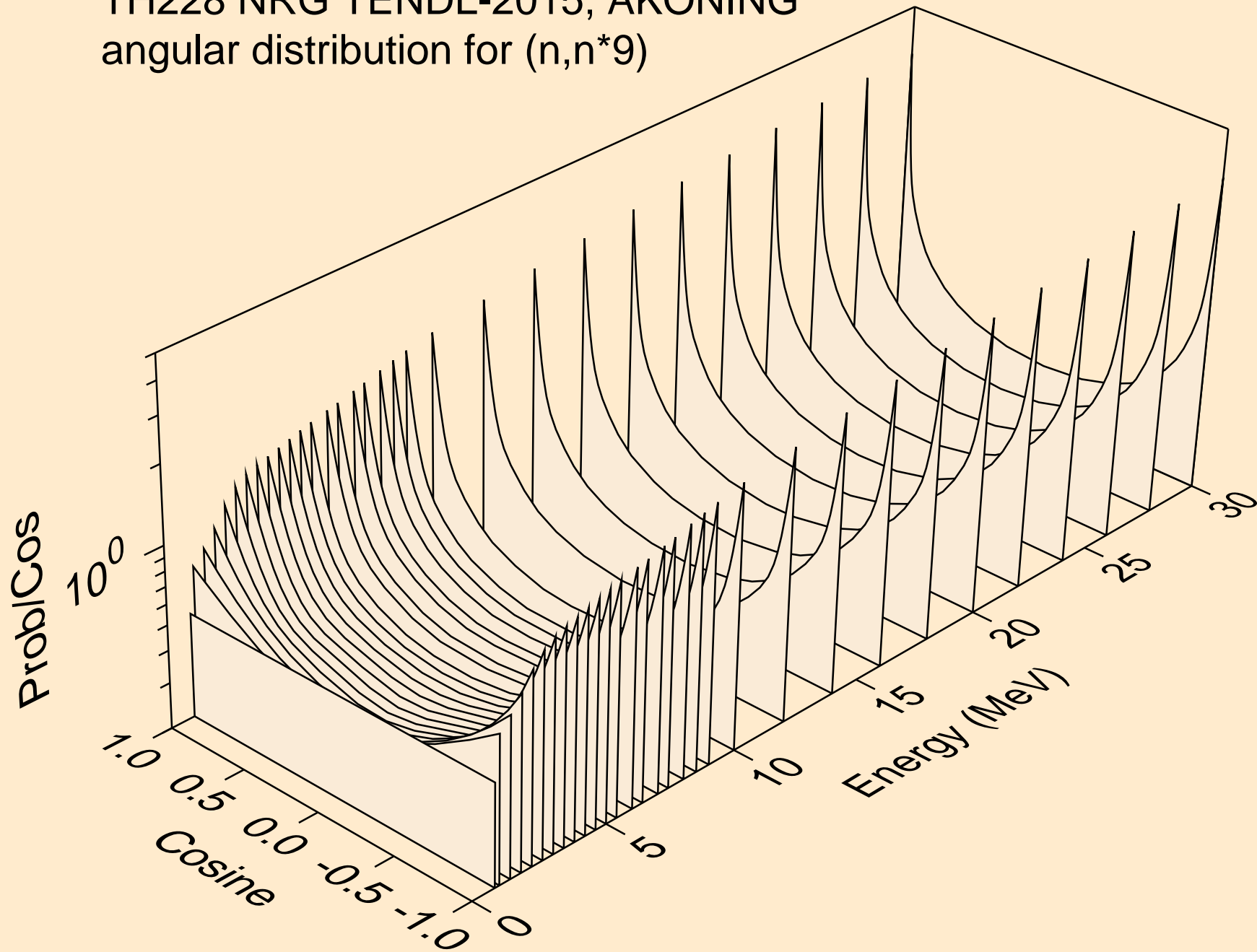
TH228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



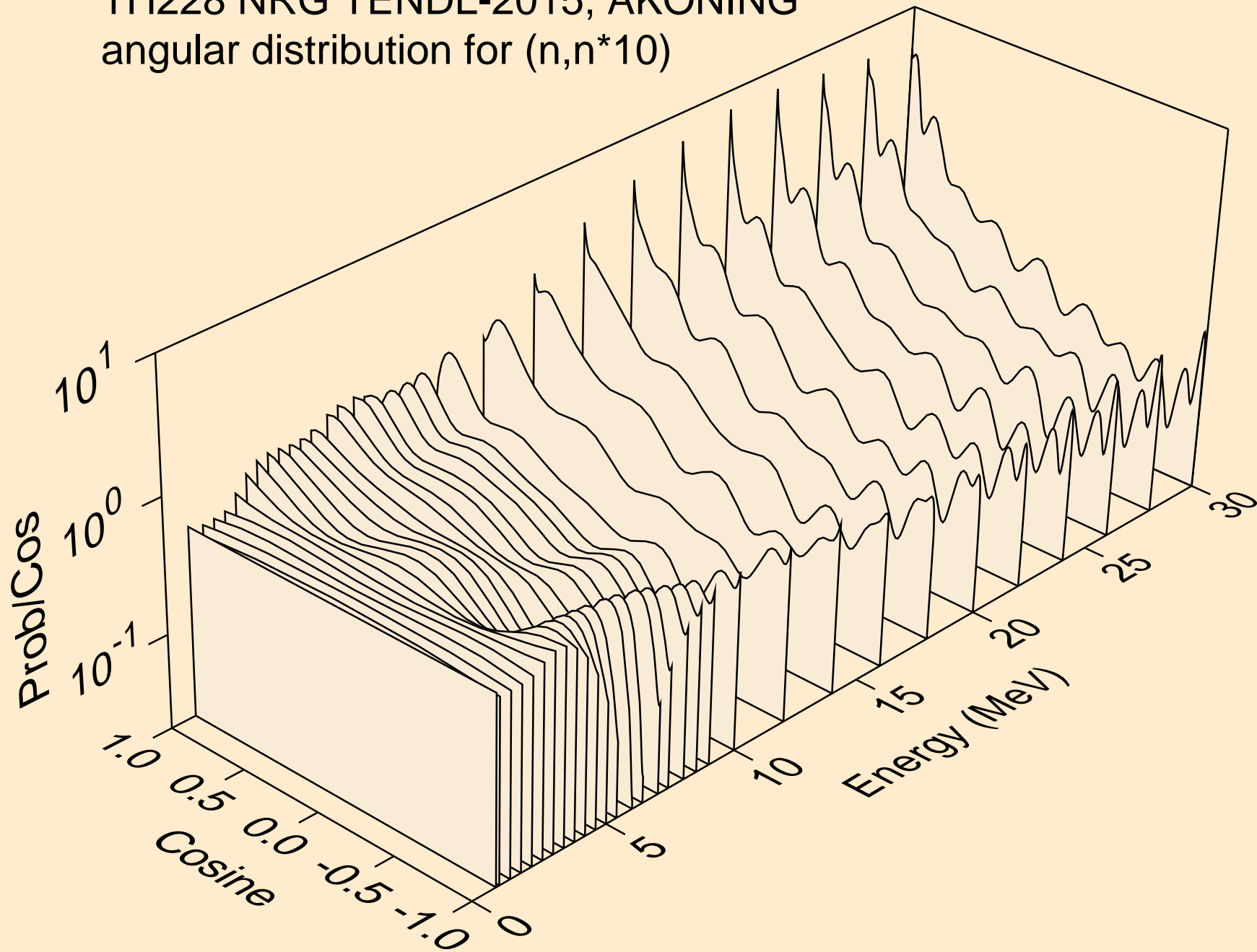
TH228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



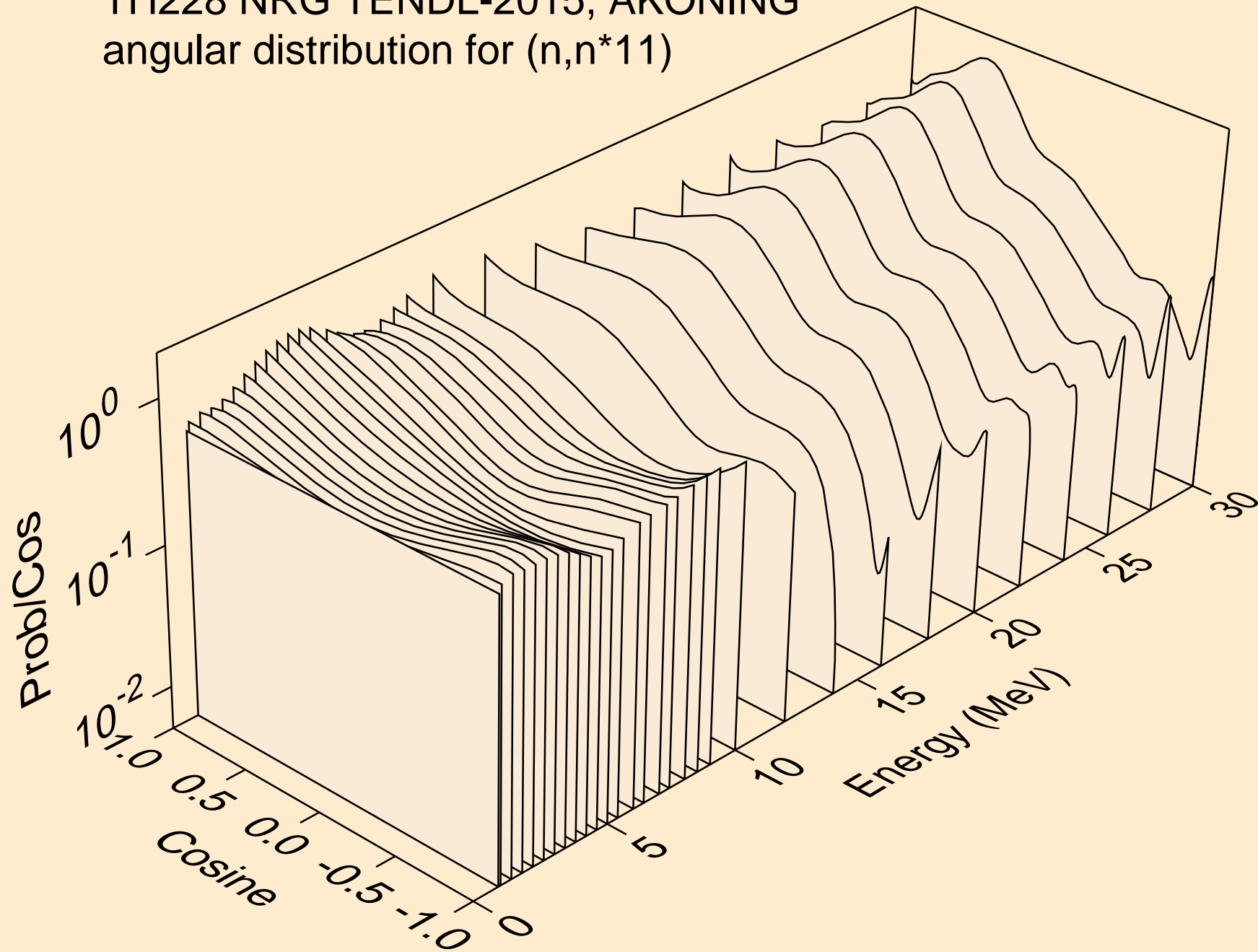
TH228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



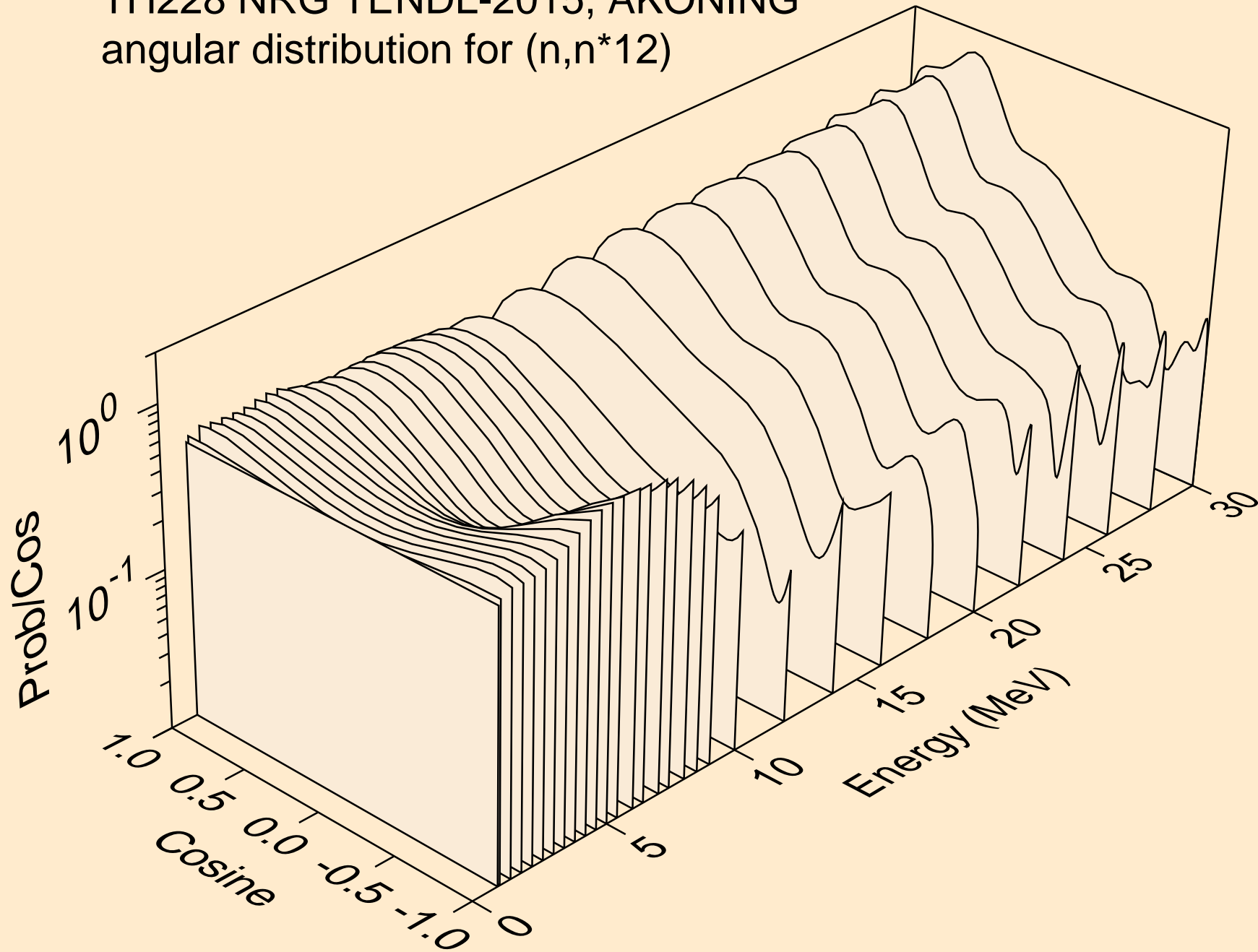
TH228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



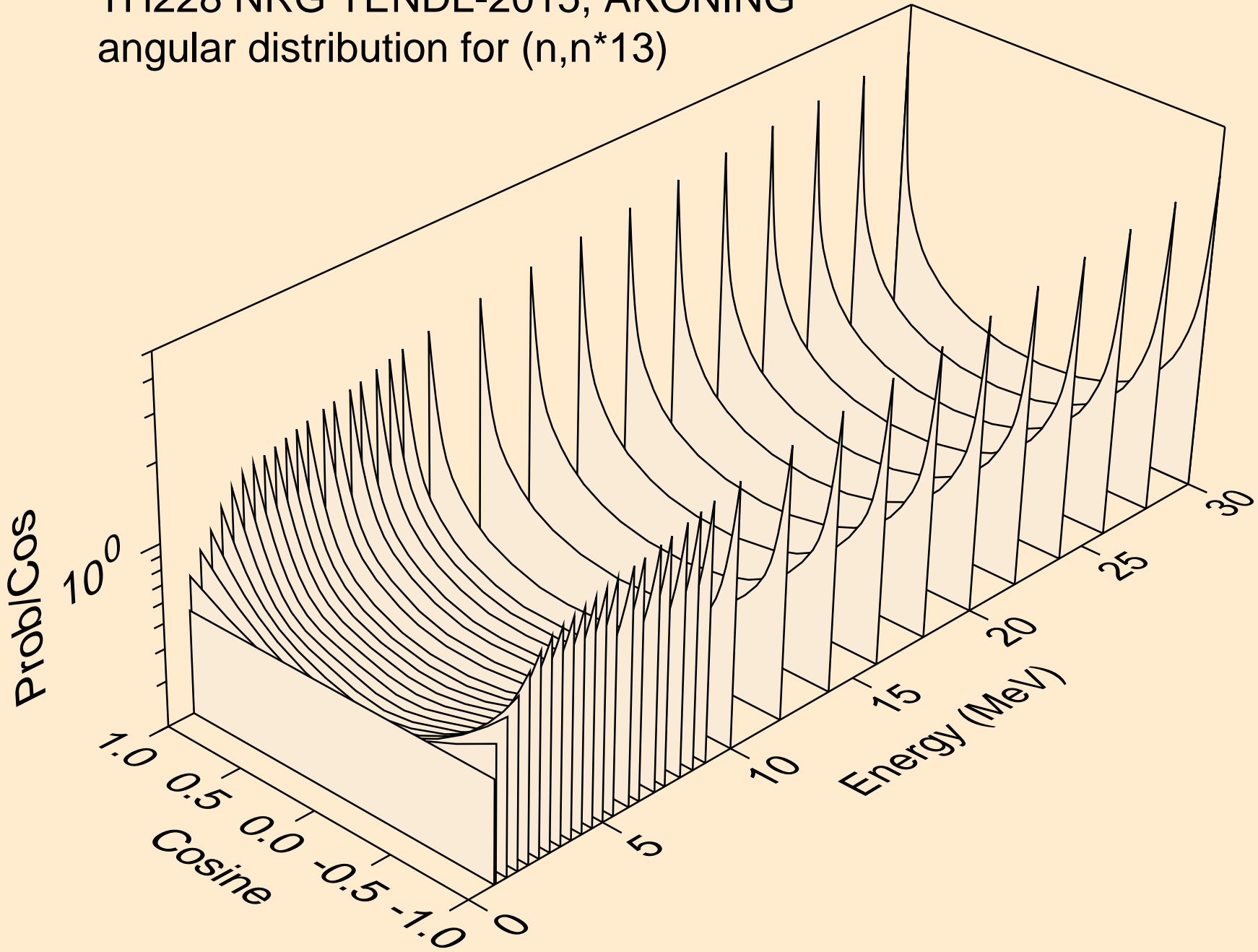
TH228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



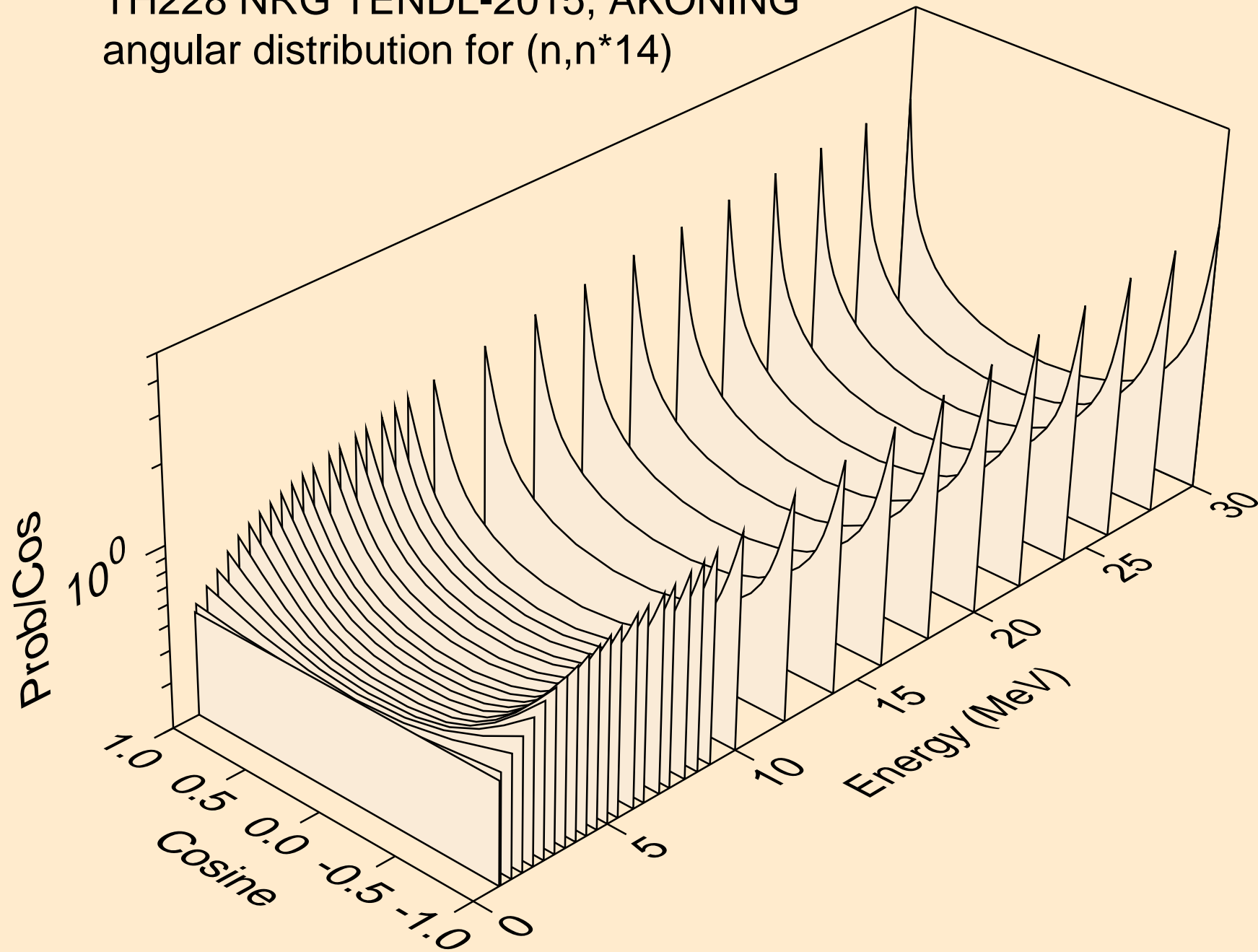
TH228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



TH228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

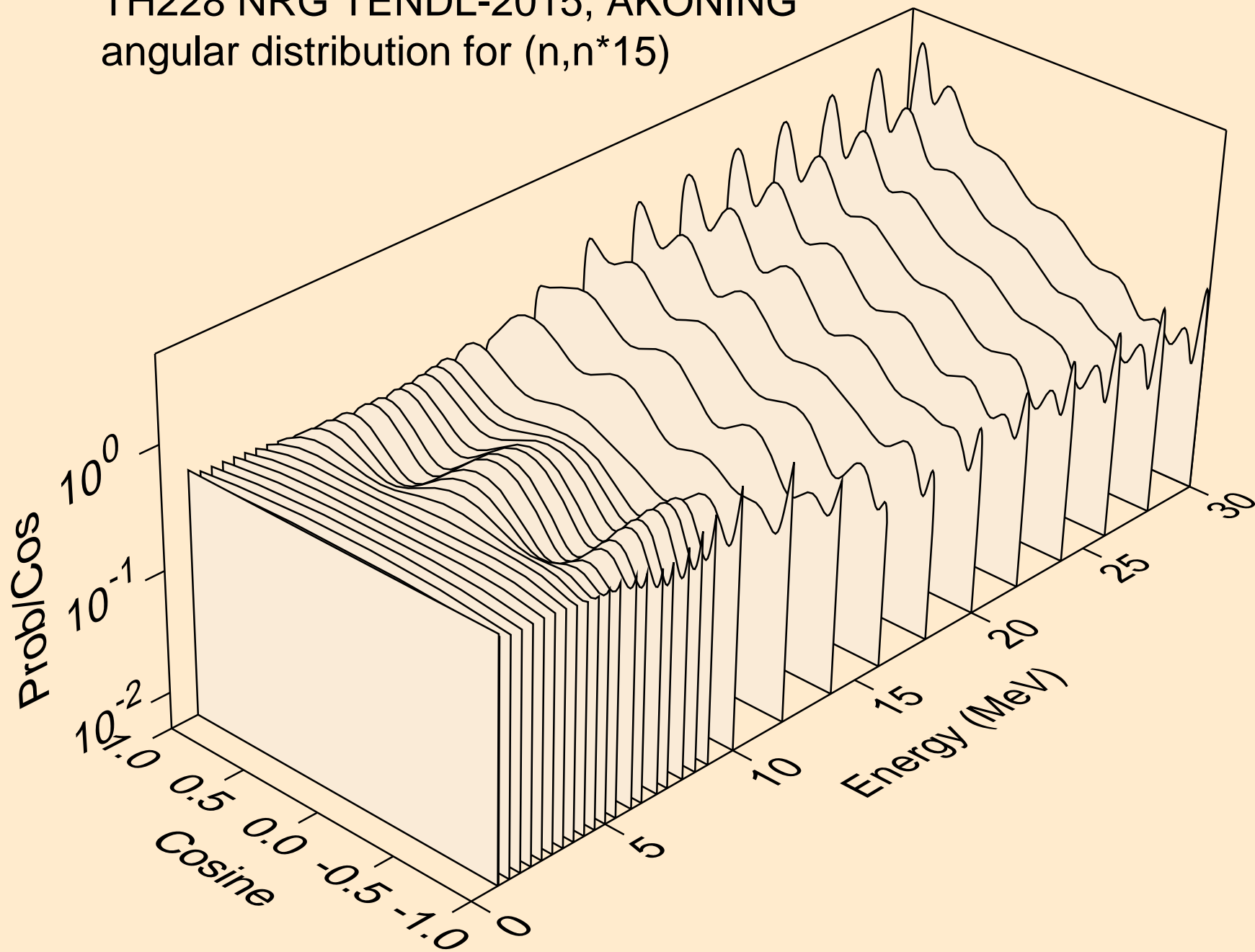


TH228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

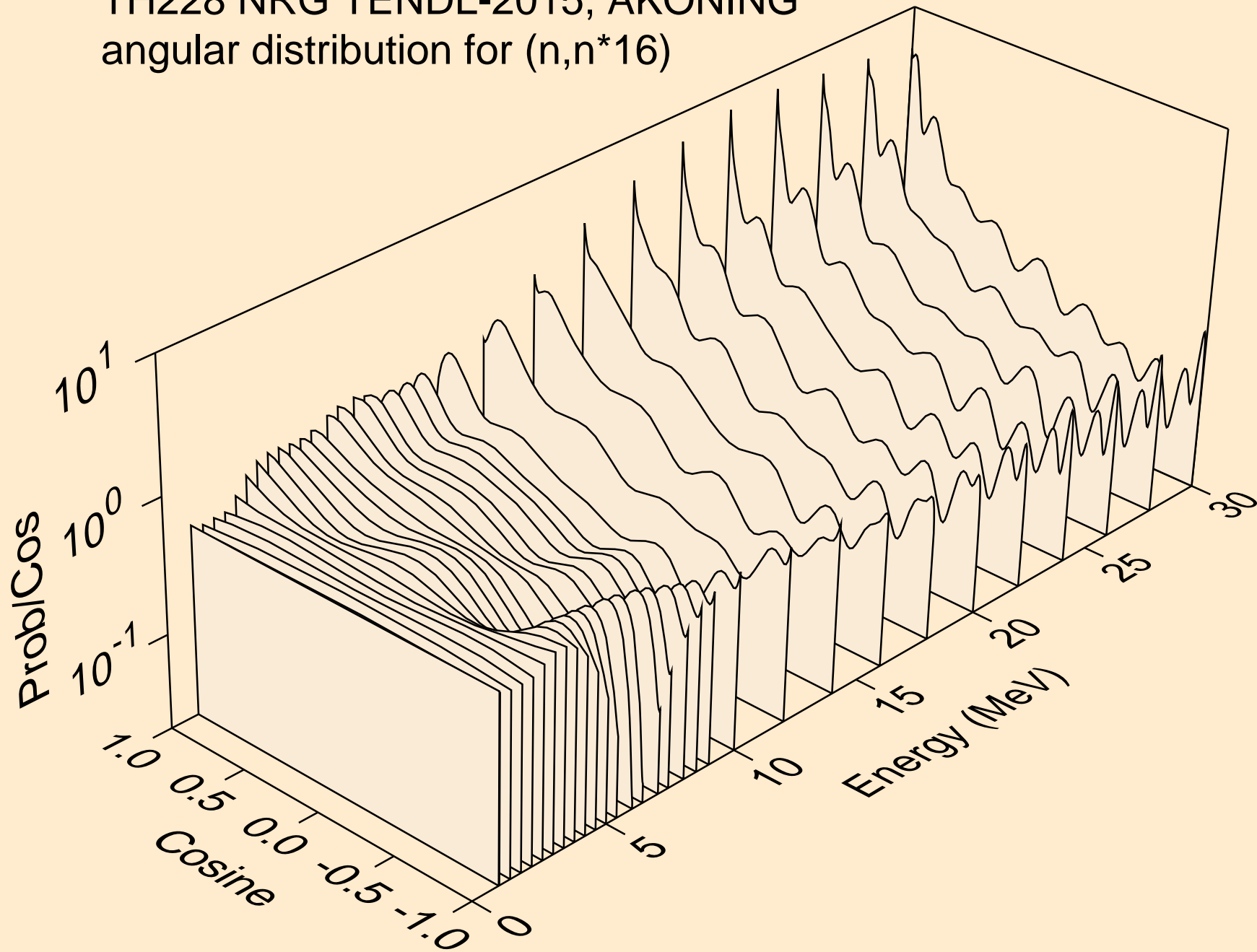




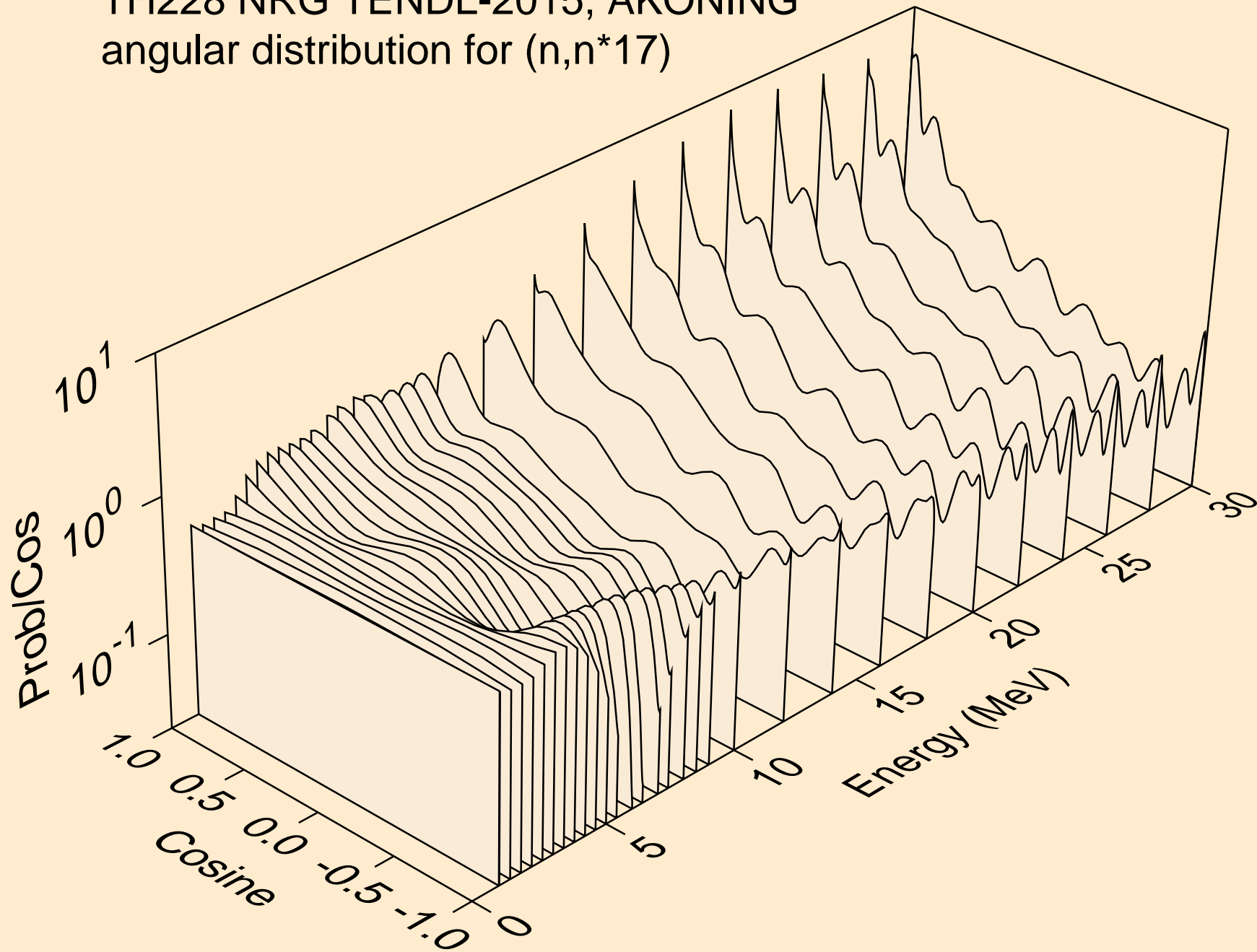
TH228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



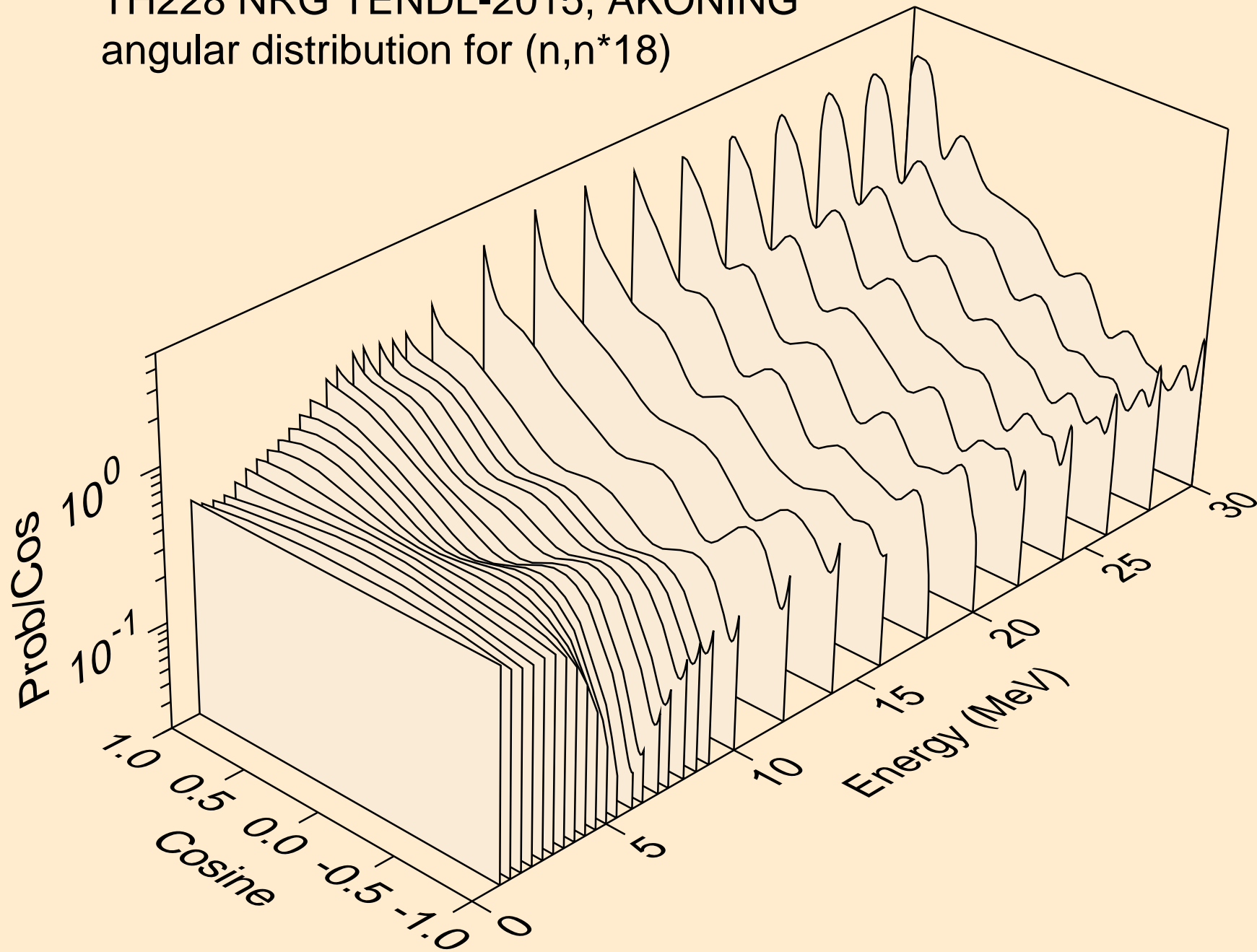
TH228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



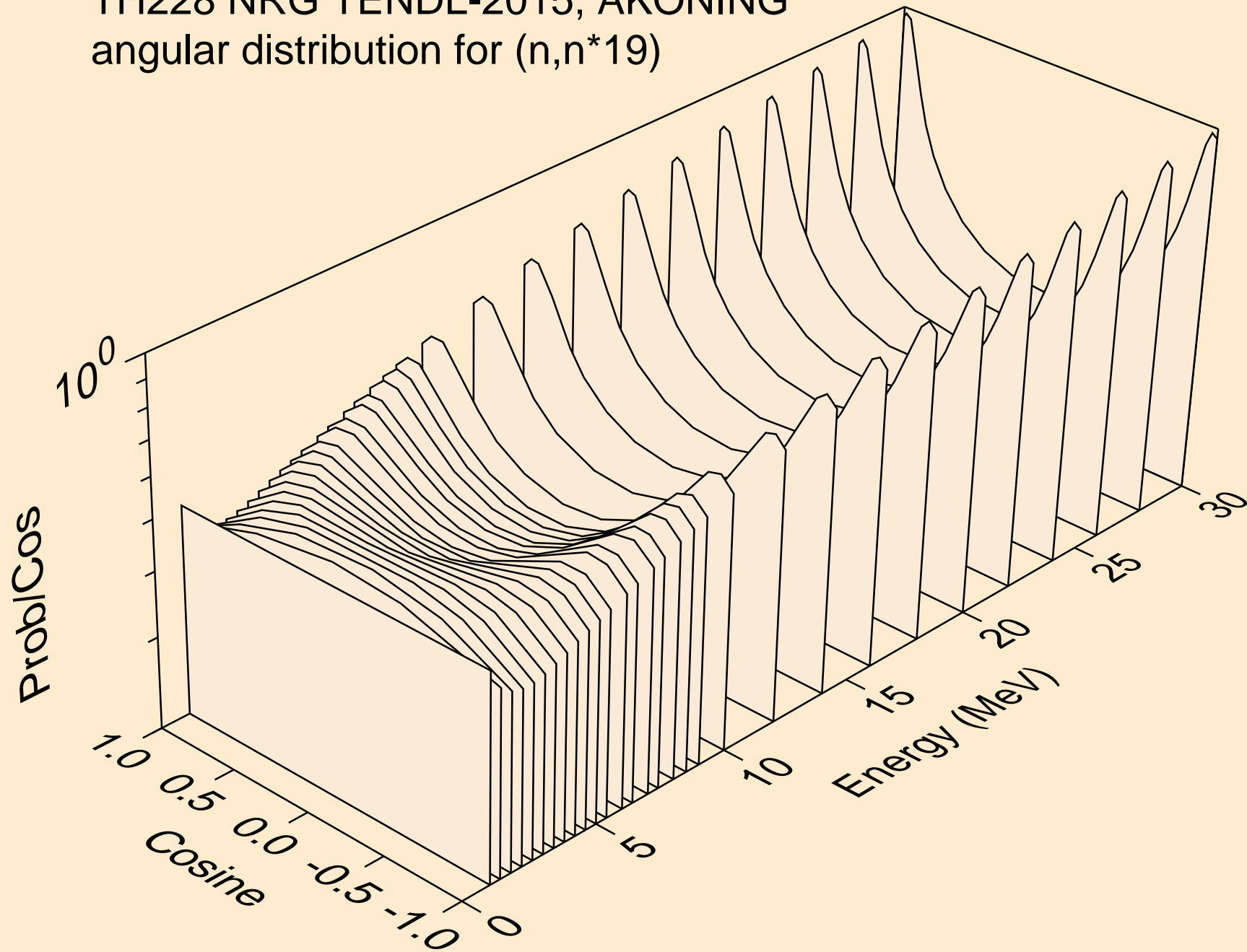
TH228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



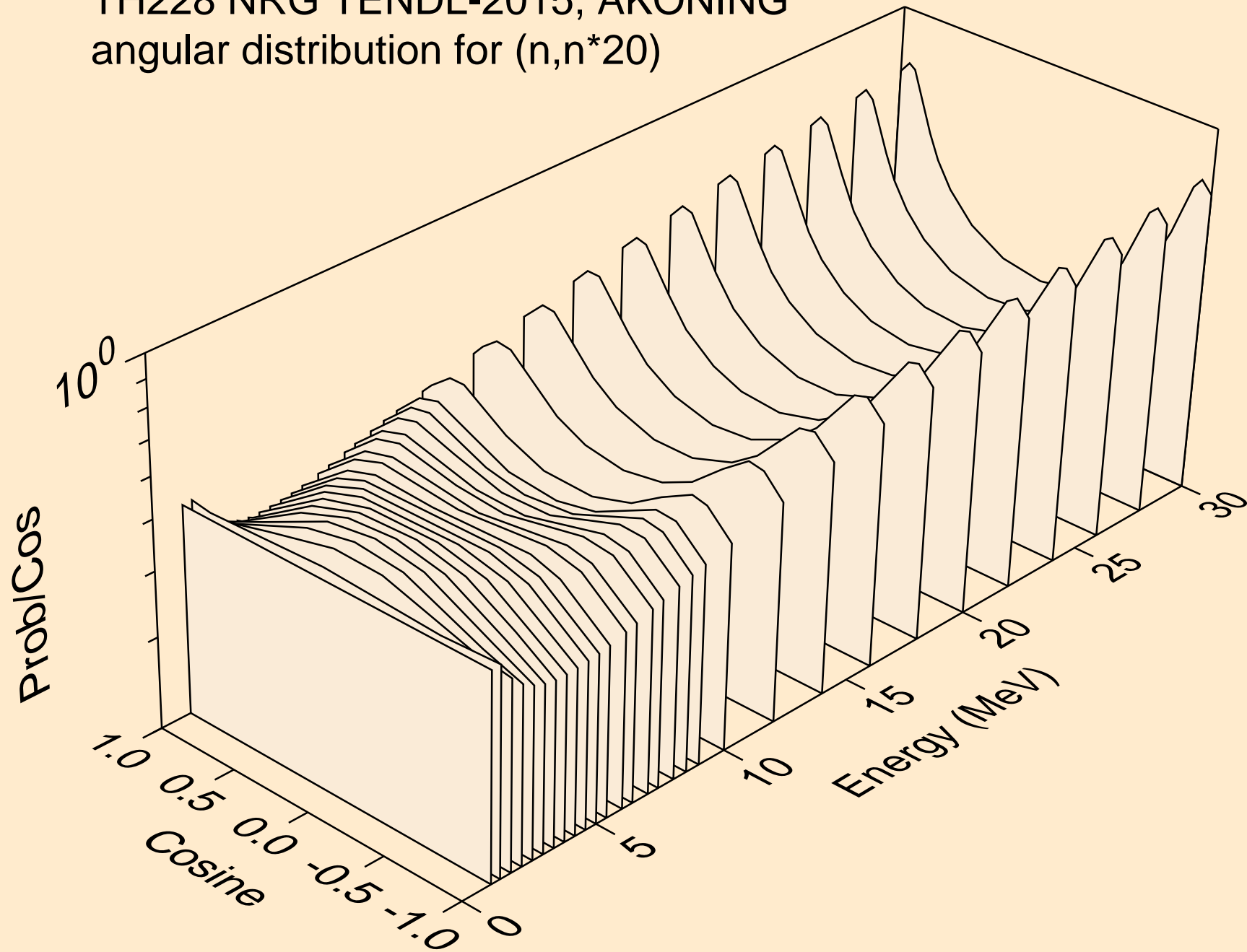
TH228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



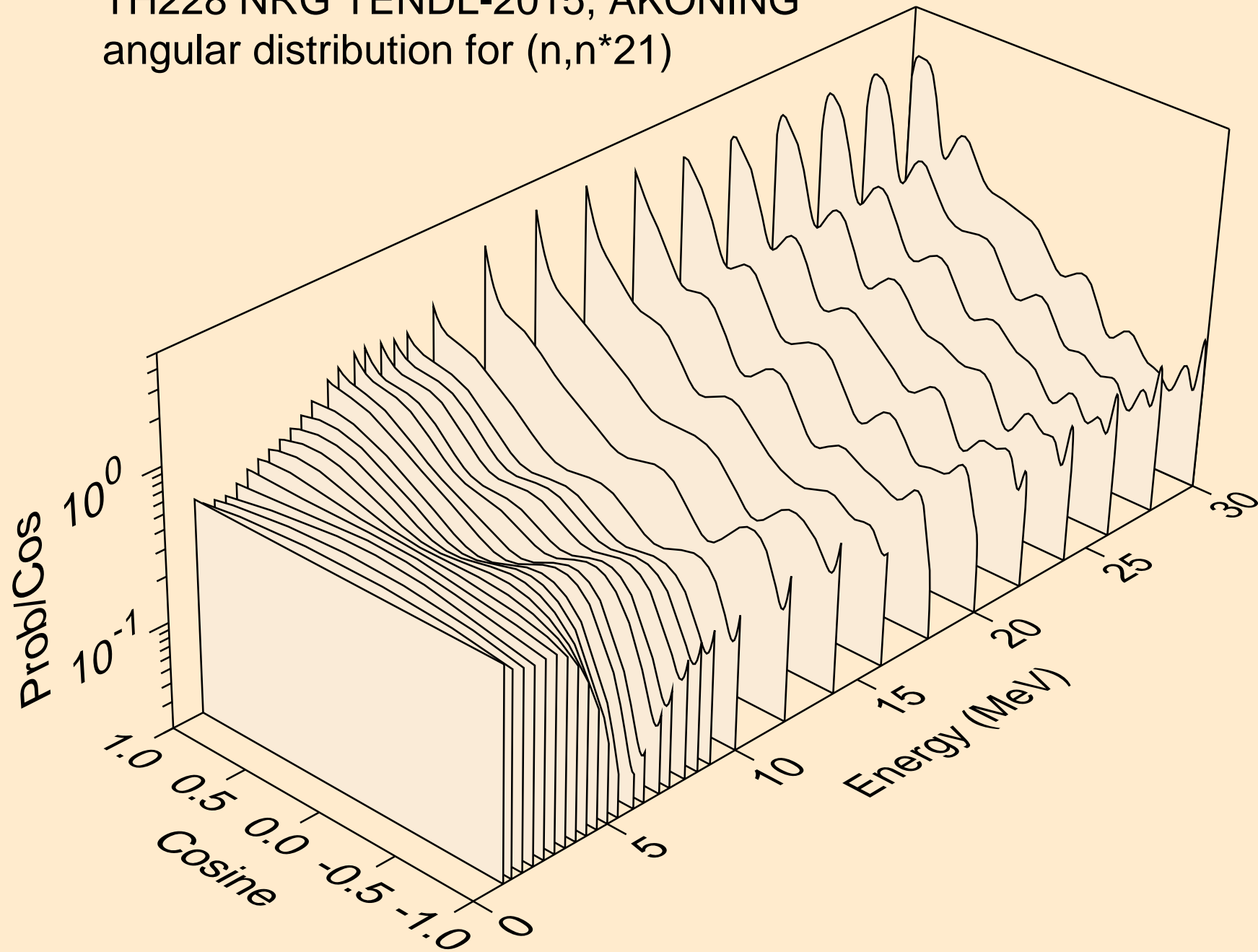
TH228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



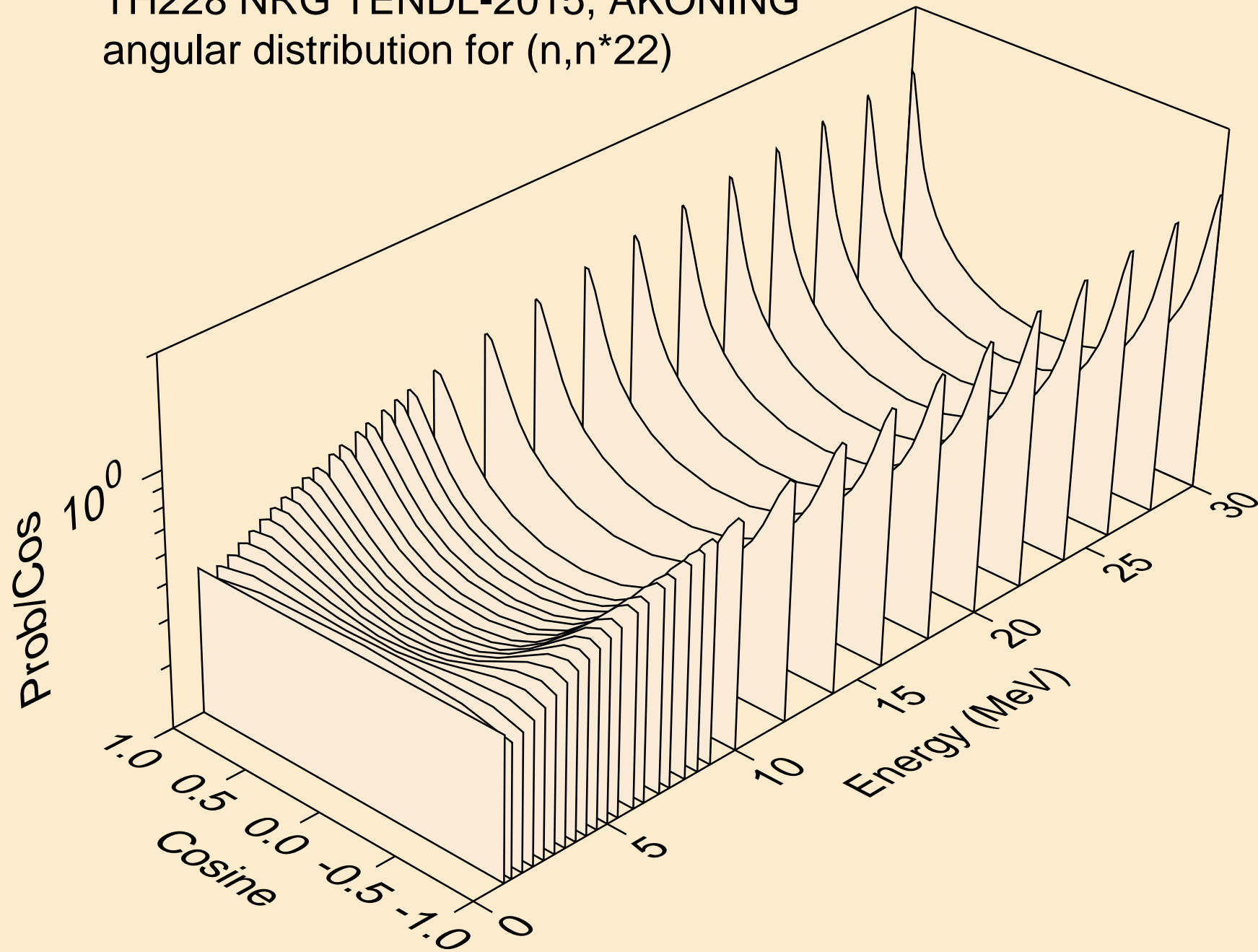
TH228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



TH228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

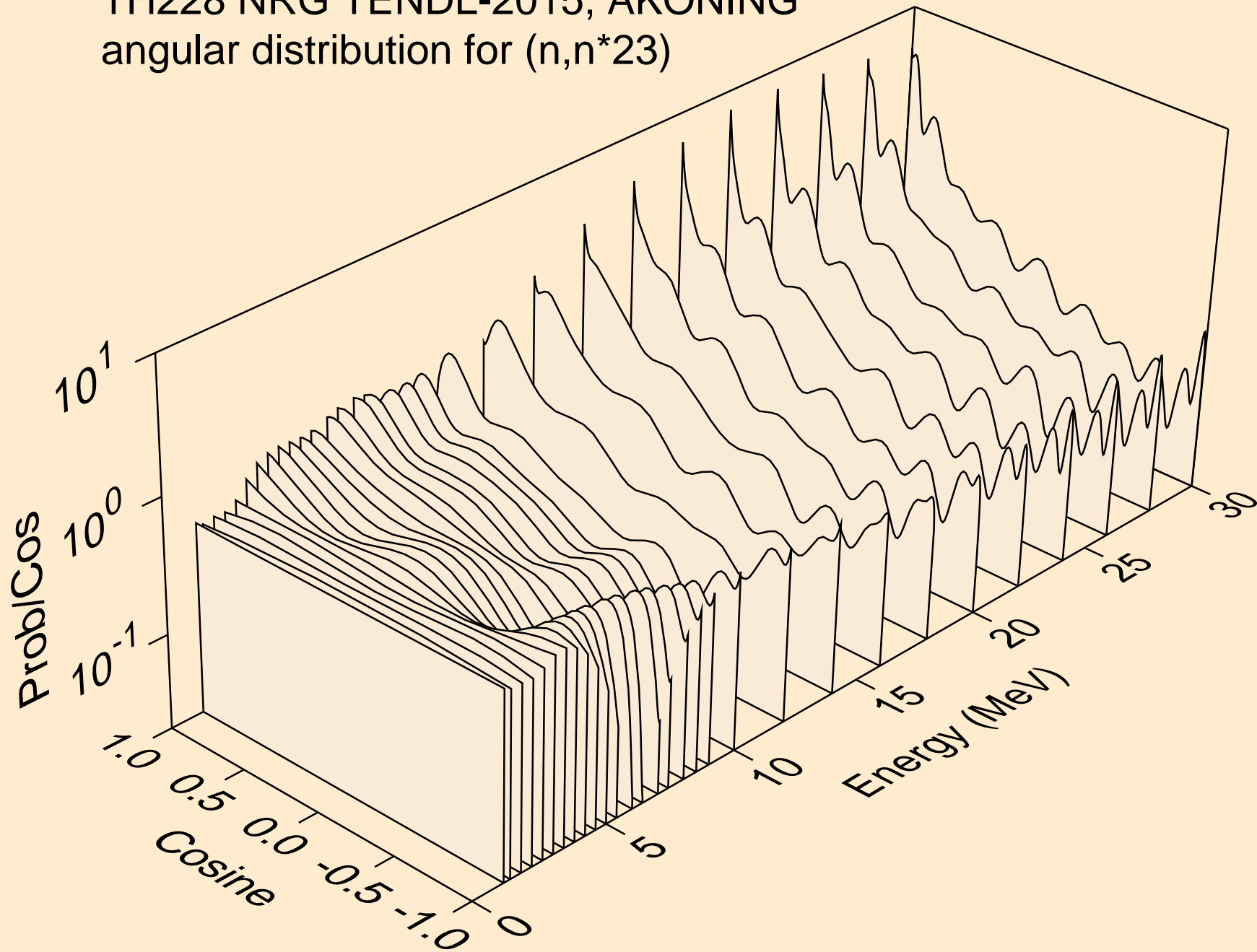


TH228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

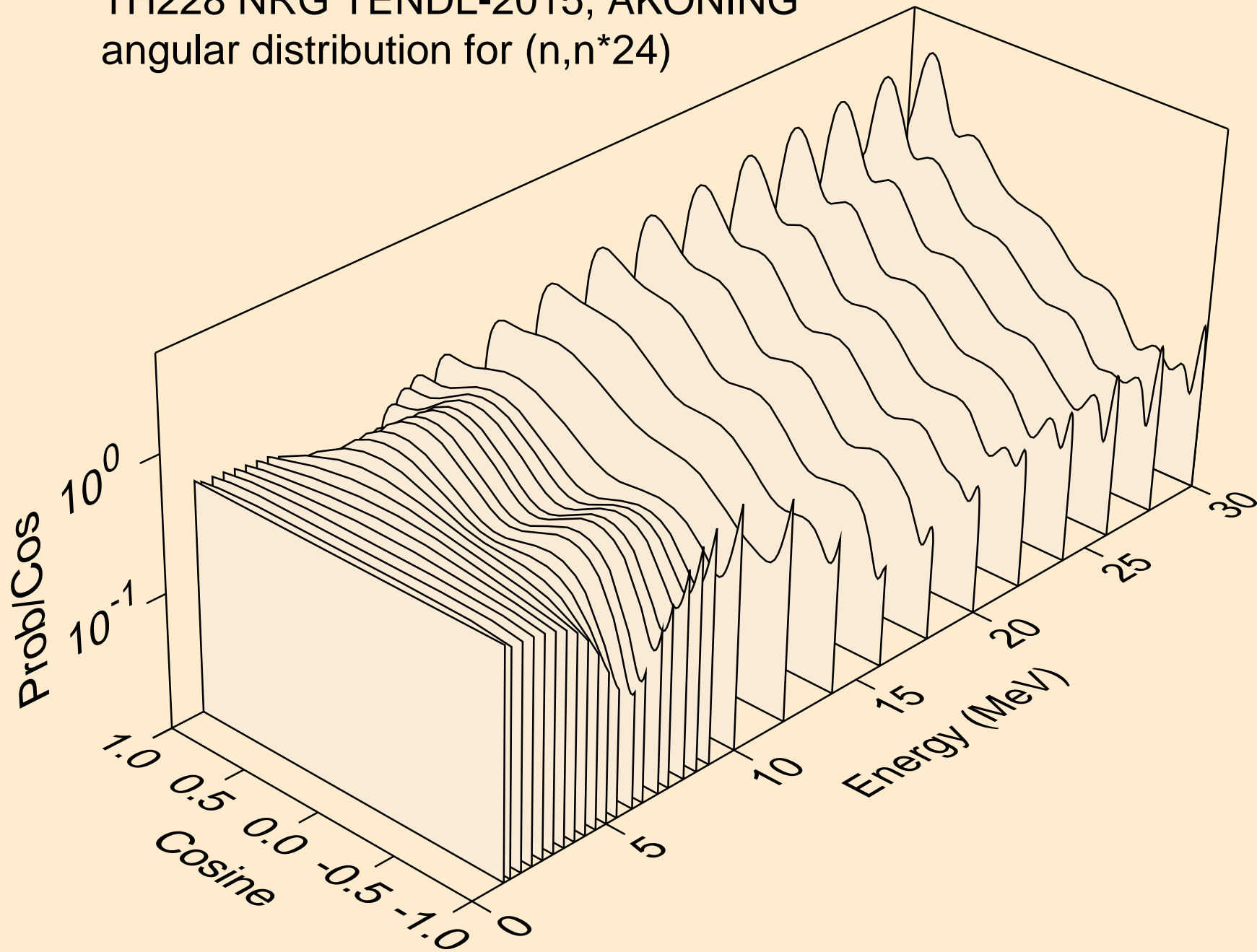




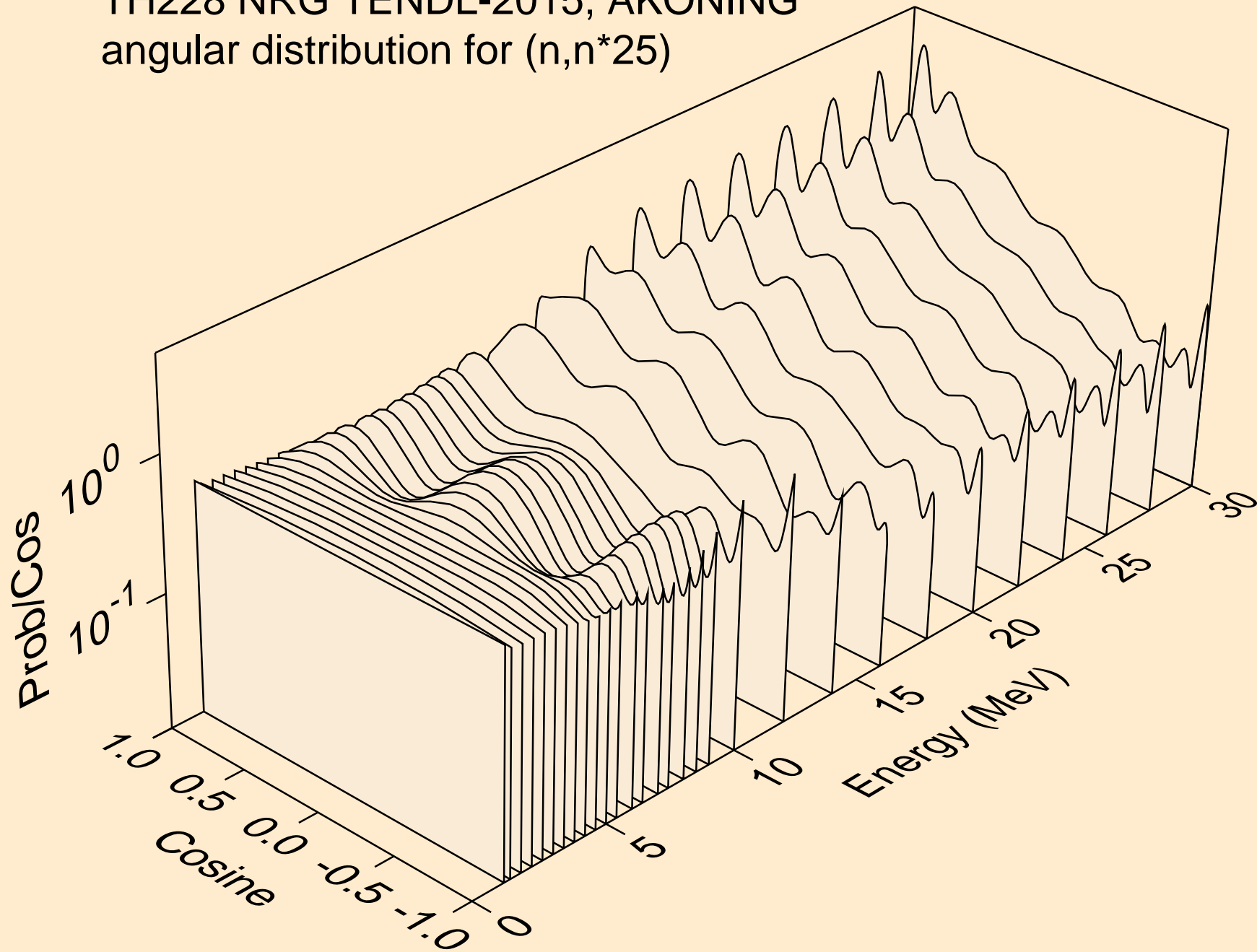
TH228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



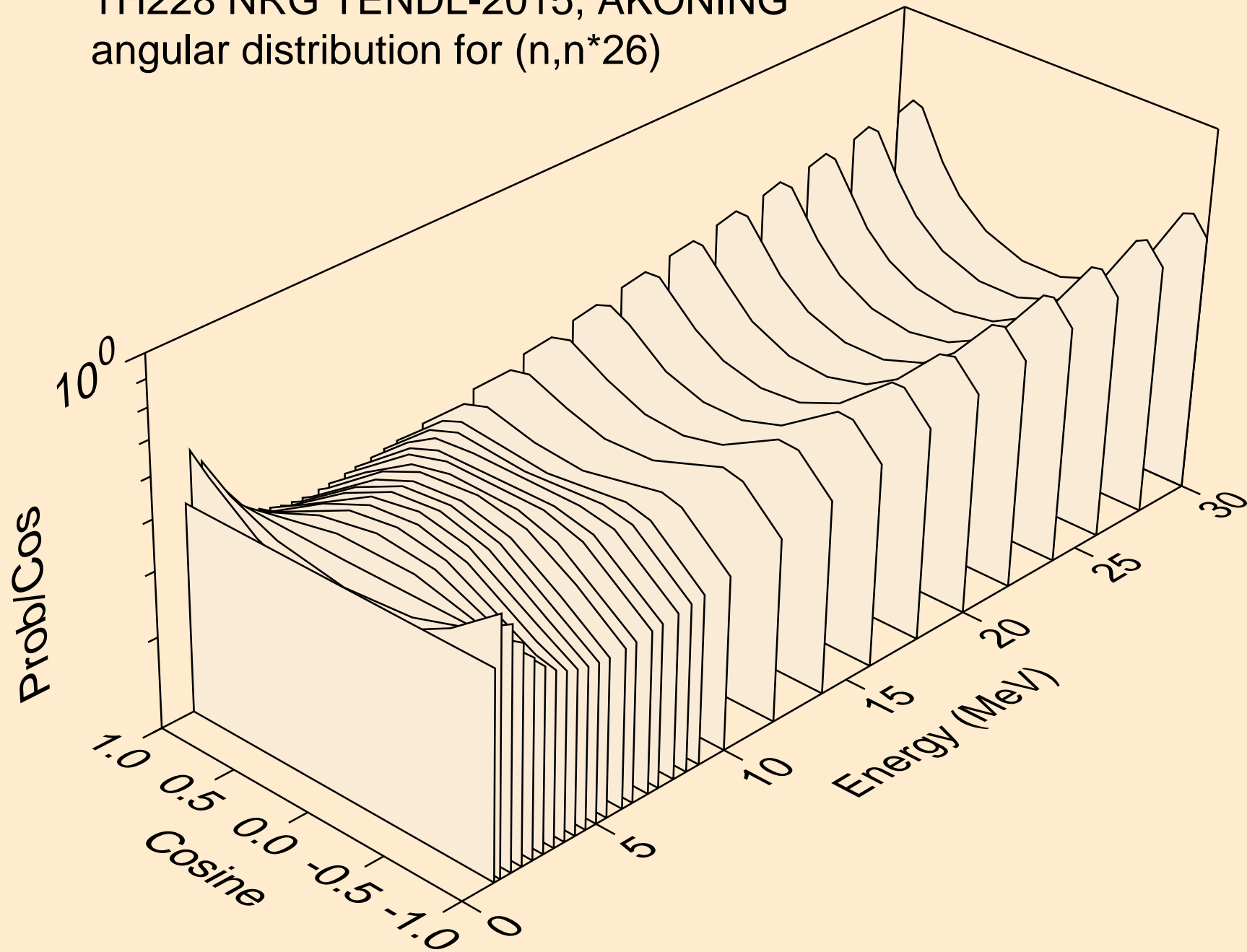
TH228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



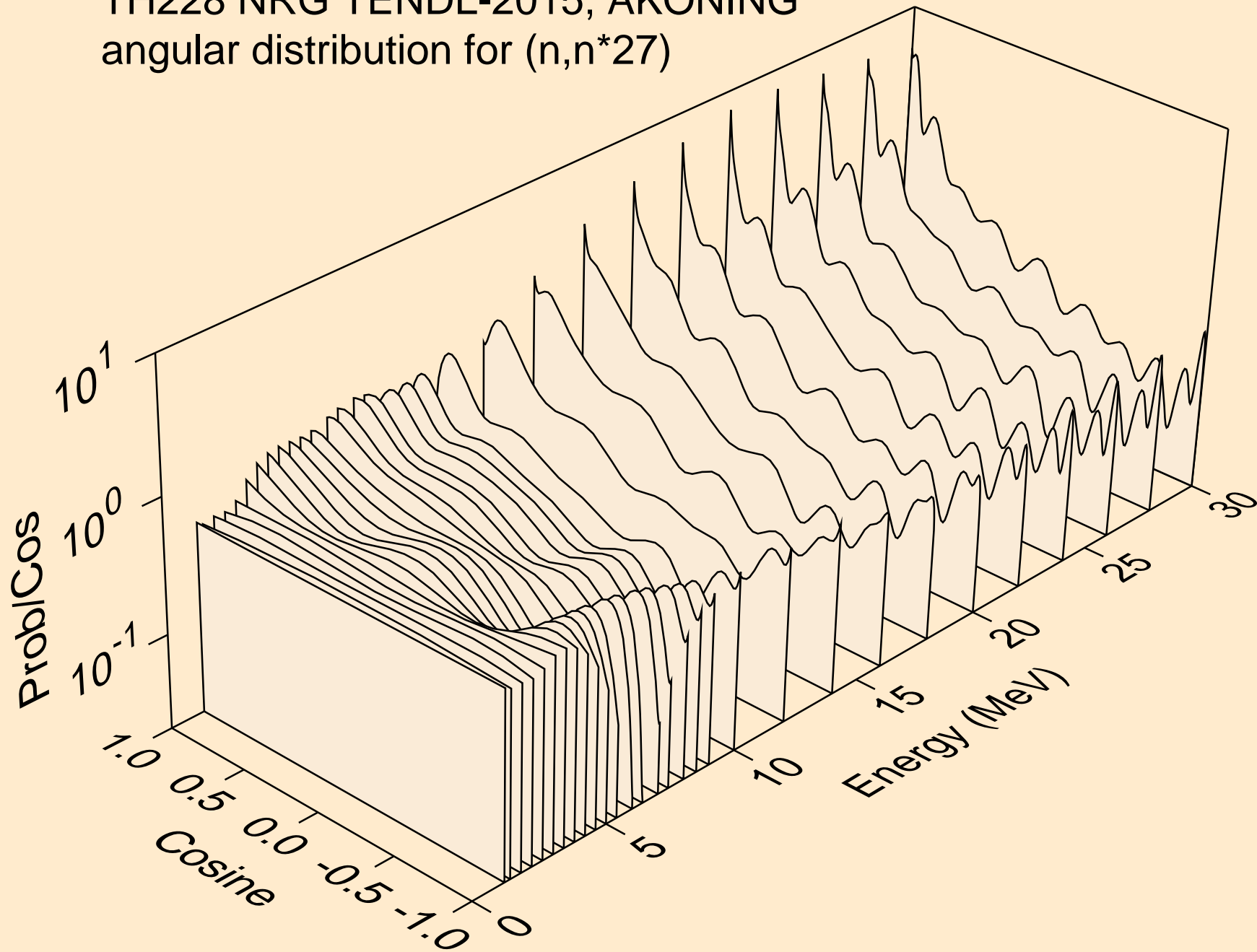
TH228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



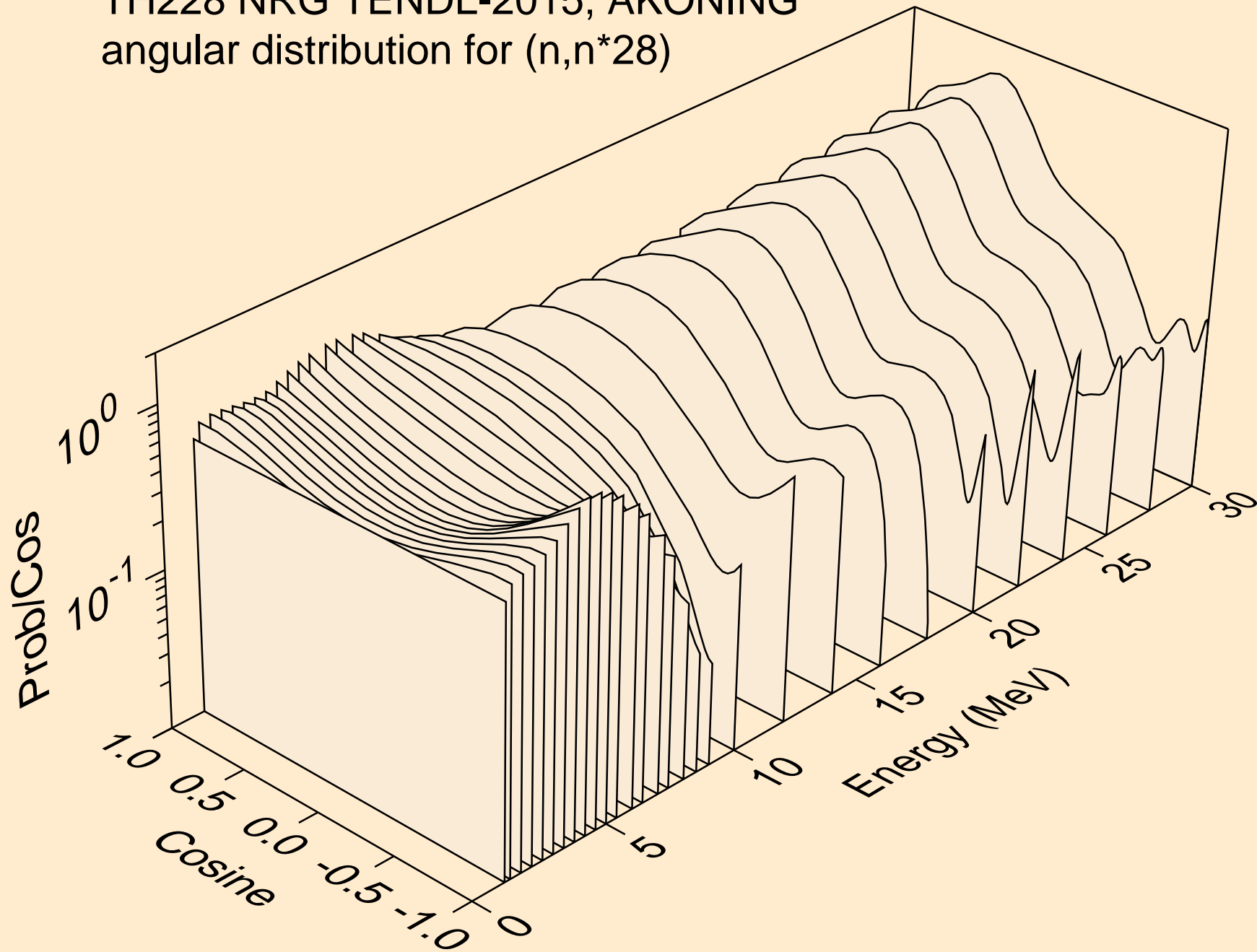
TH228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



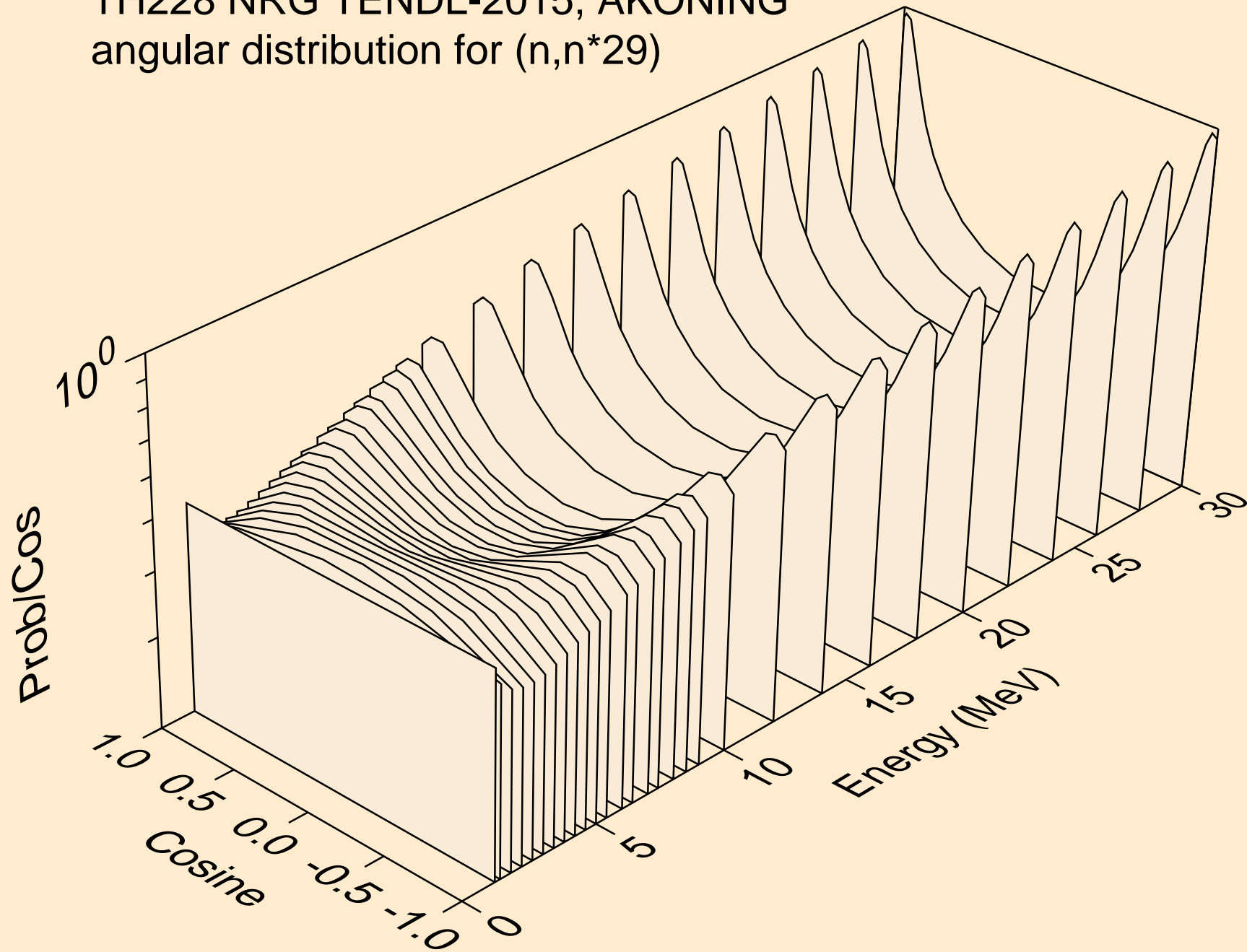
TH228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



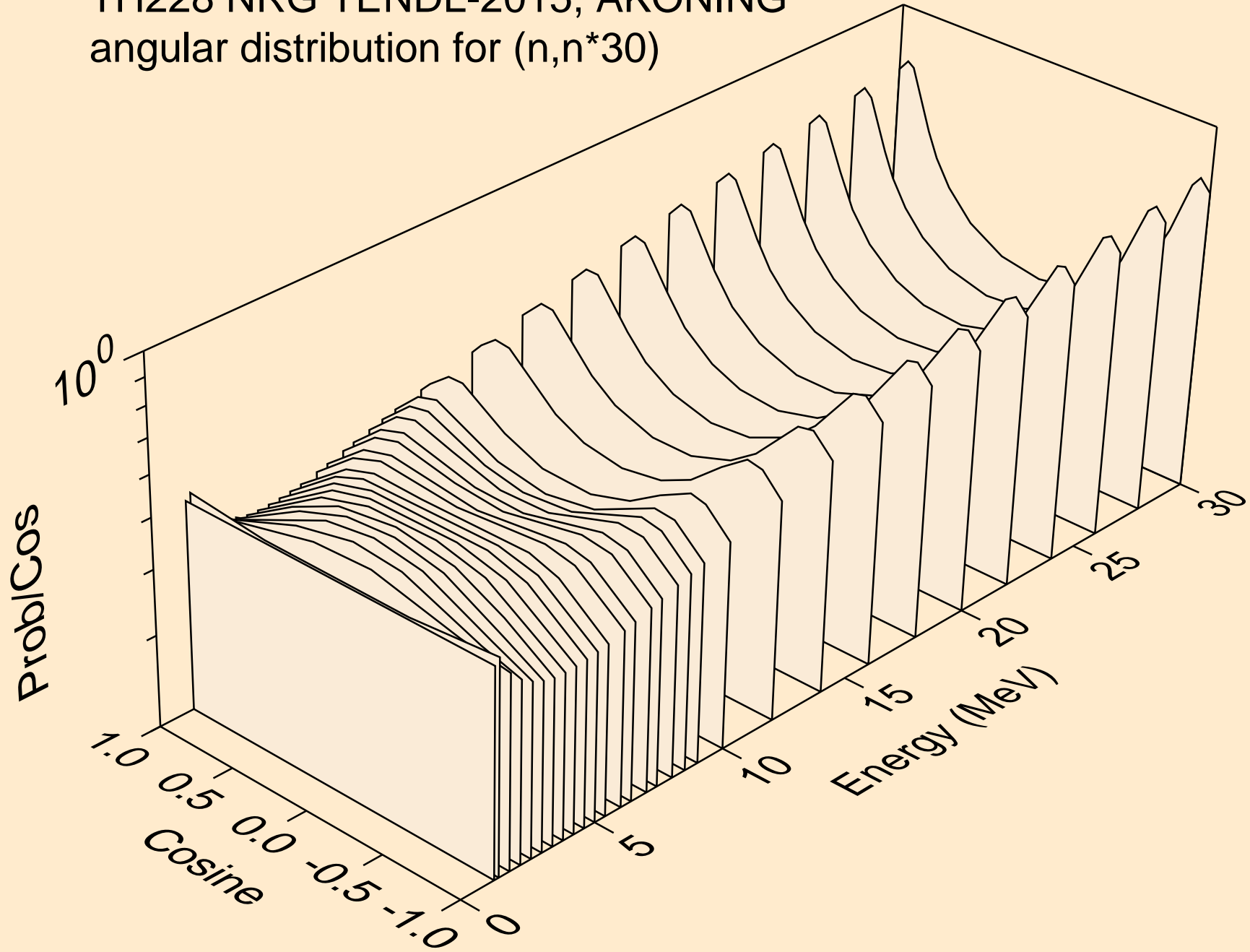
TH228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



TH228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



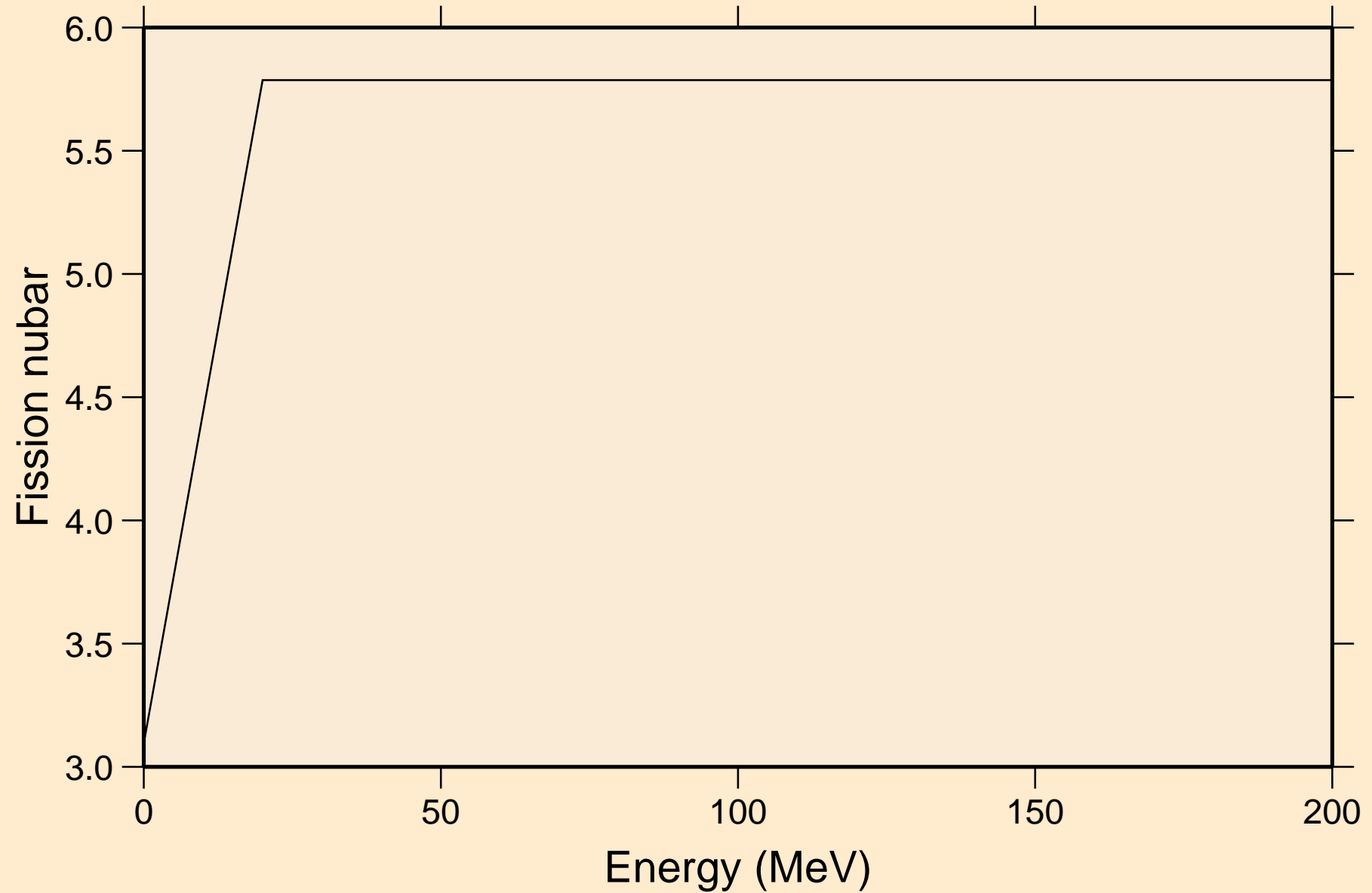
TH228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)



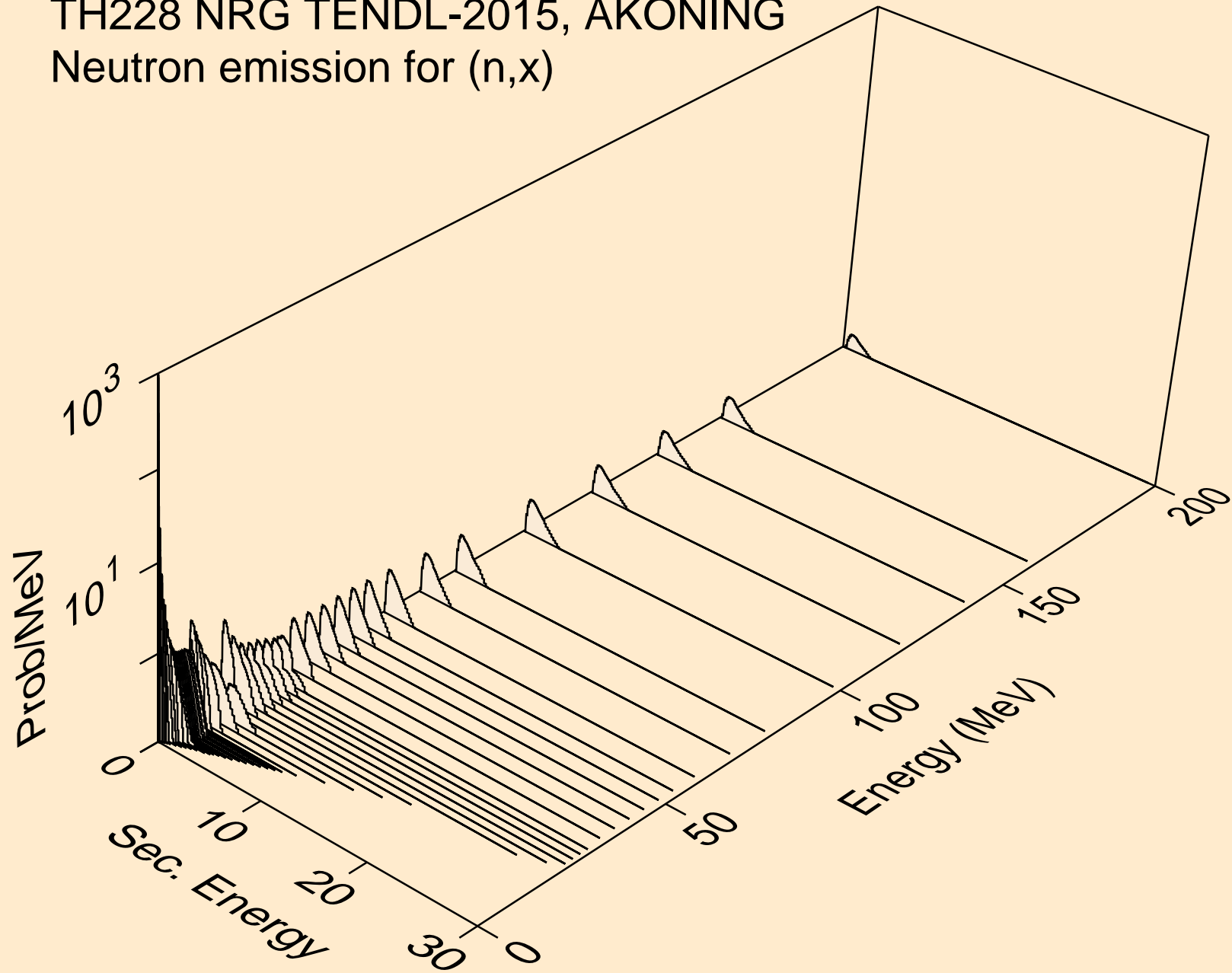


# TH228 NRG TENDL-2015, AKONING

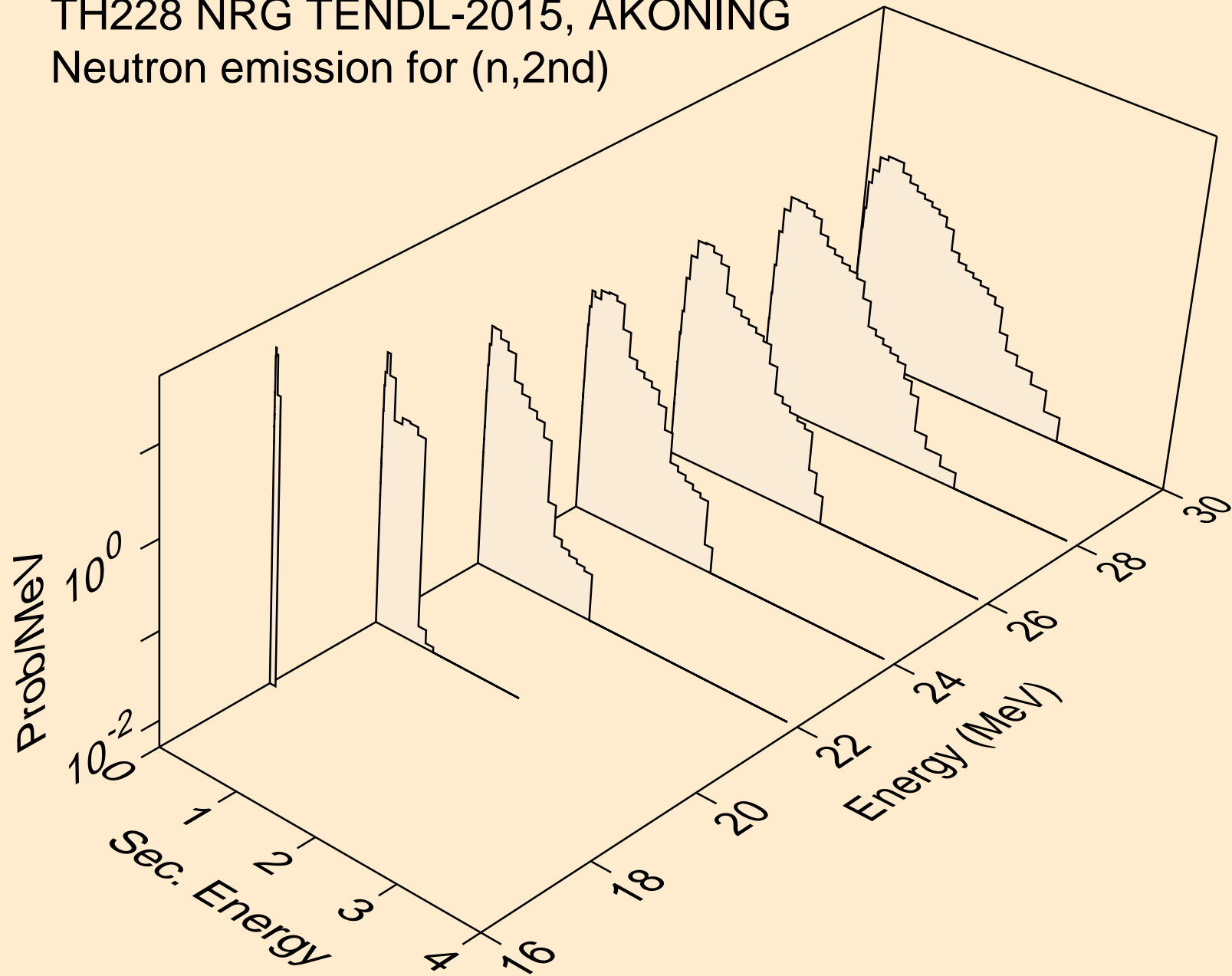
Total fission nubar



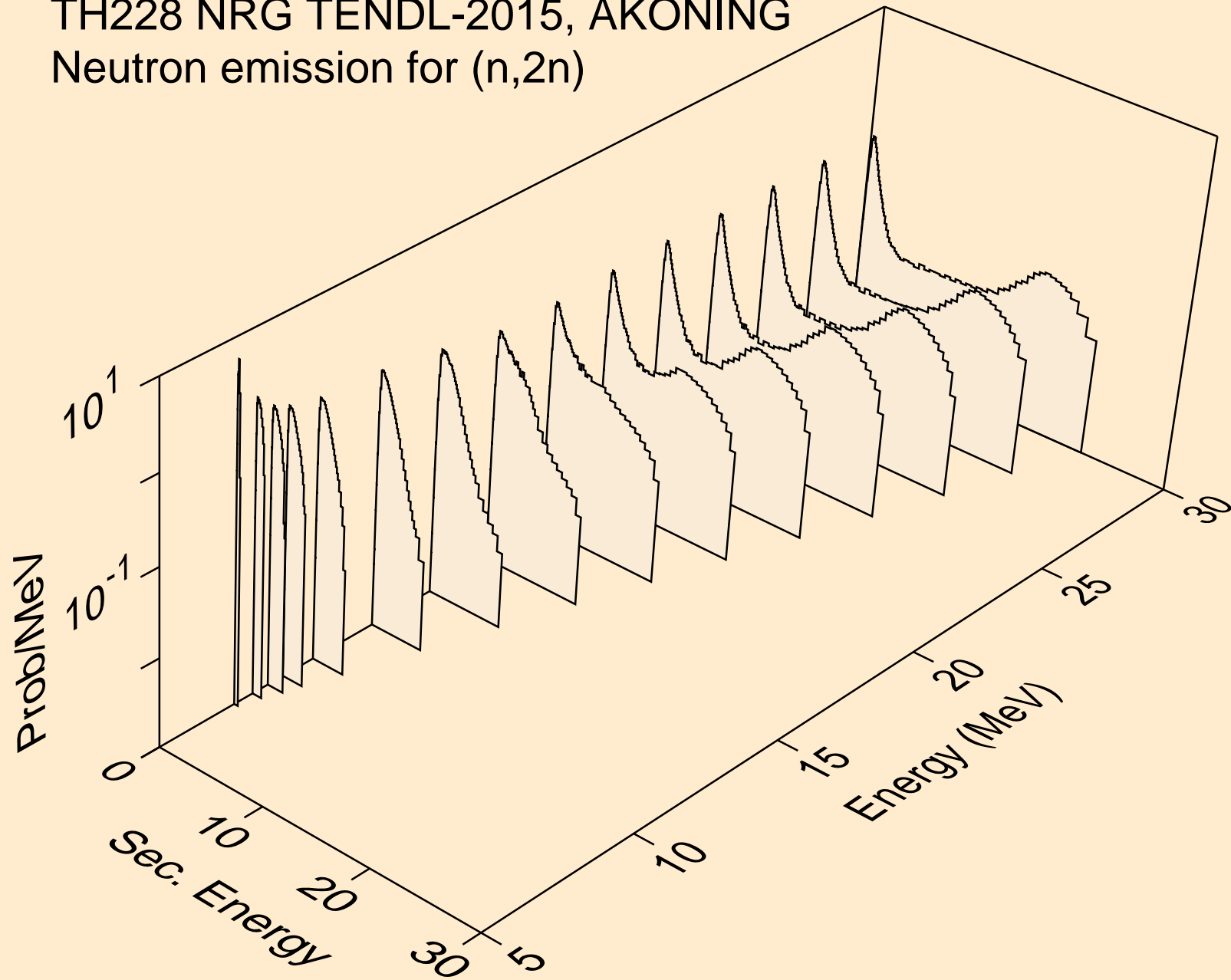
TH228 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



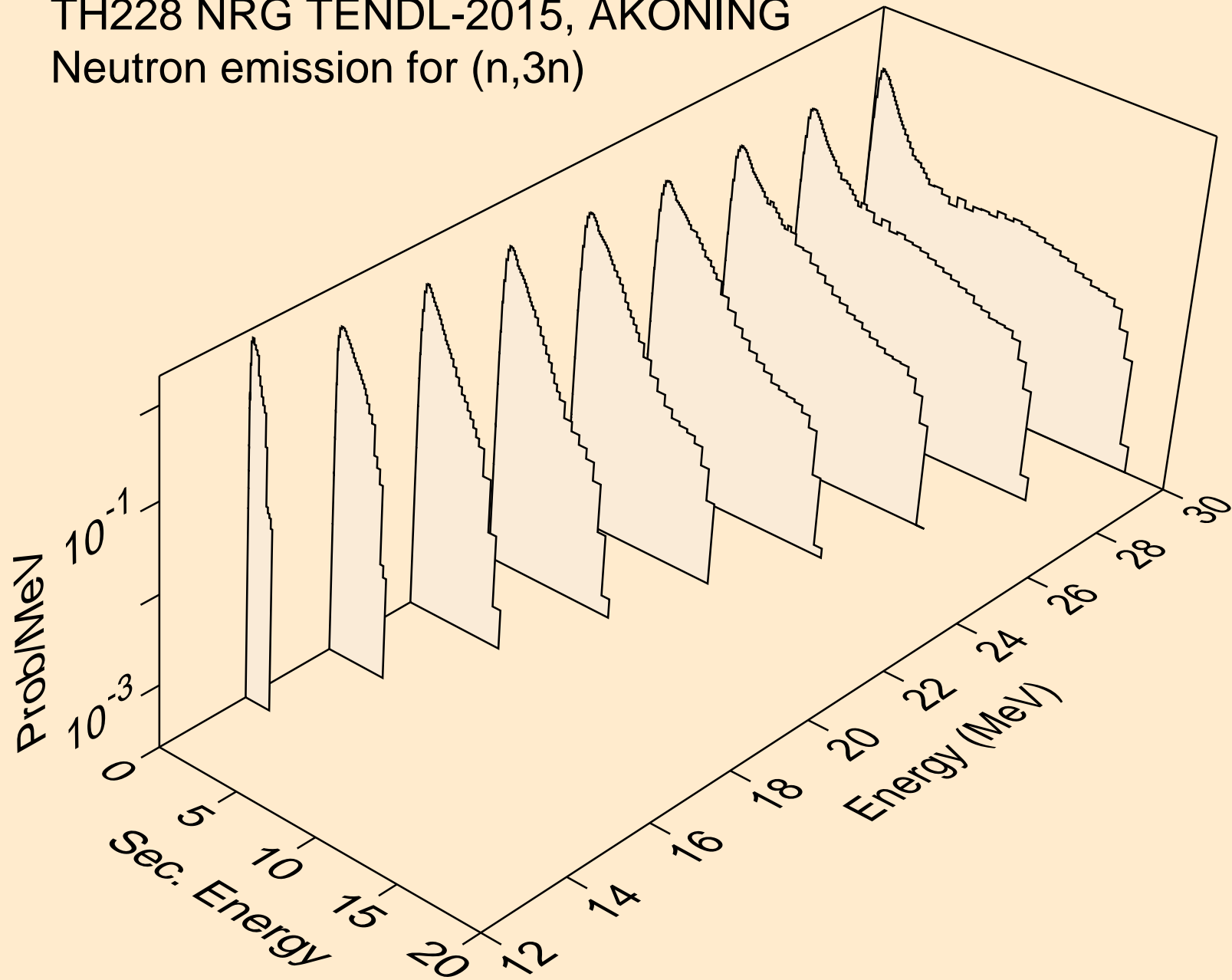
TH228 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



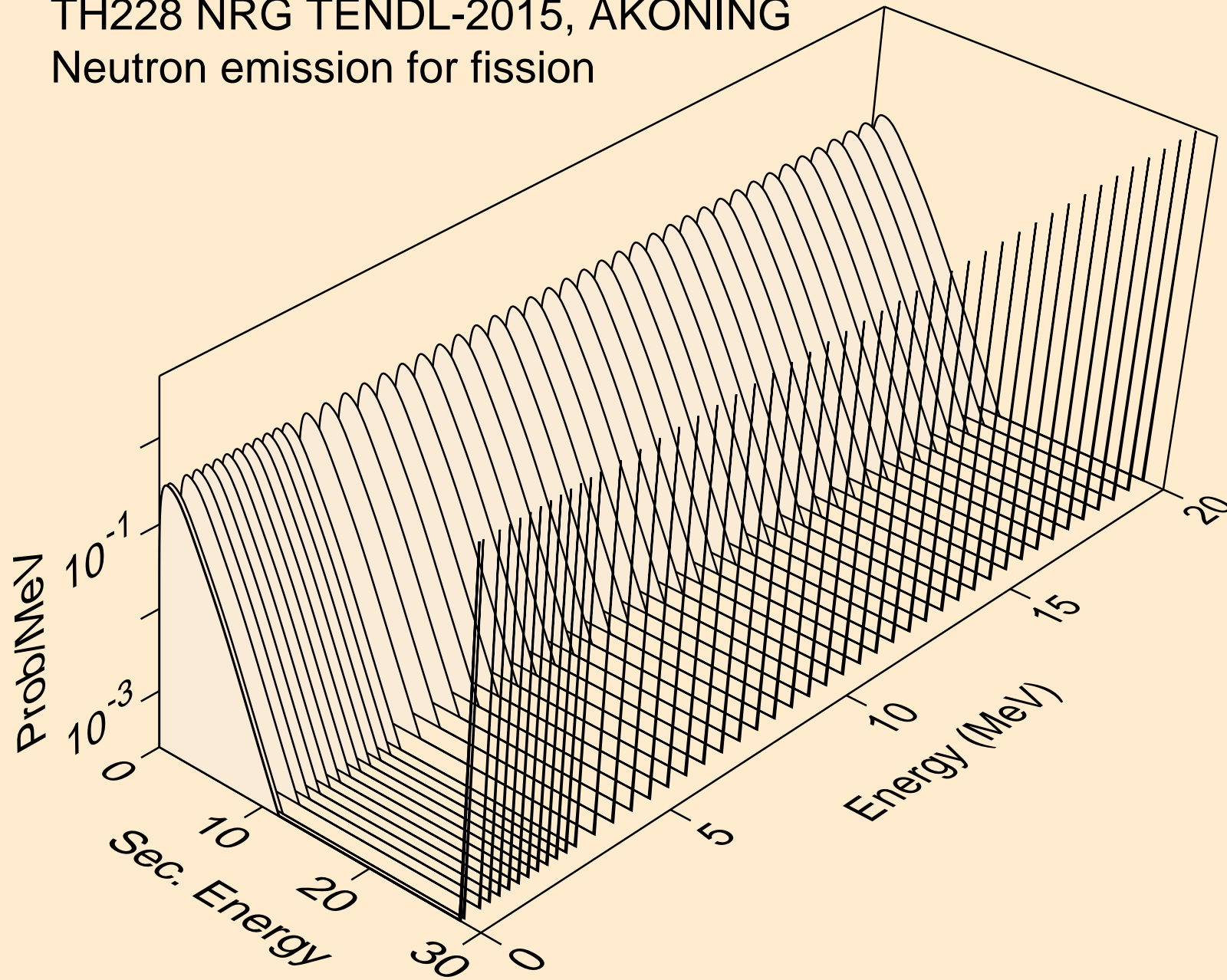
TH228 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



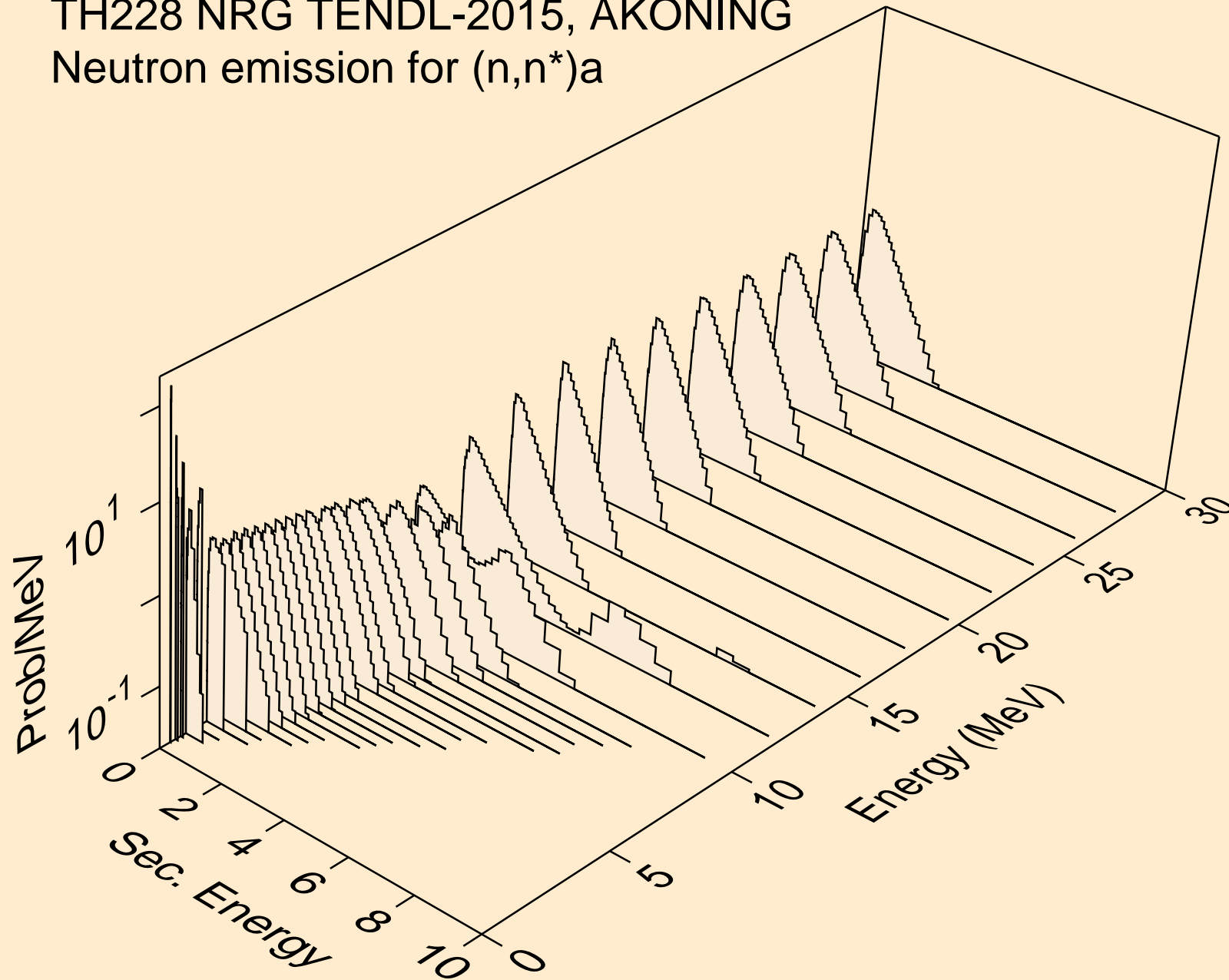
TH228 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



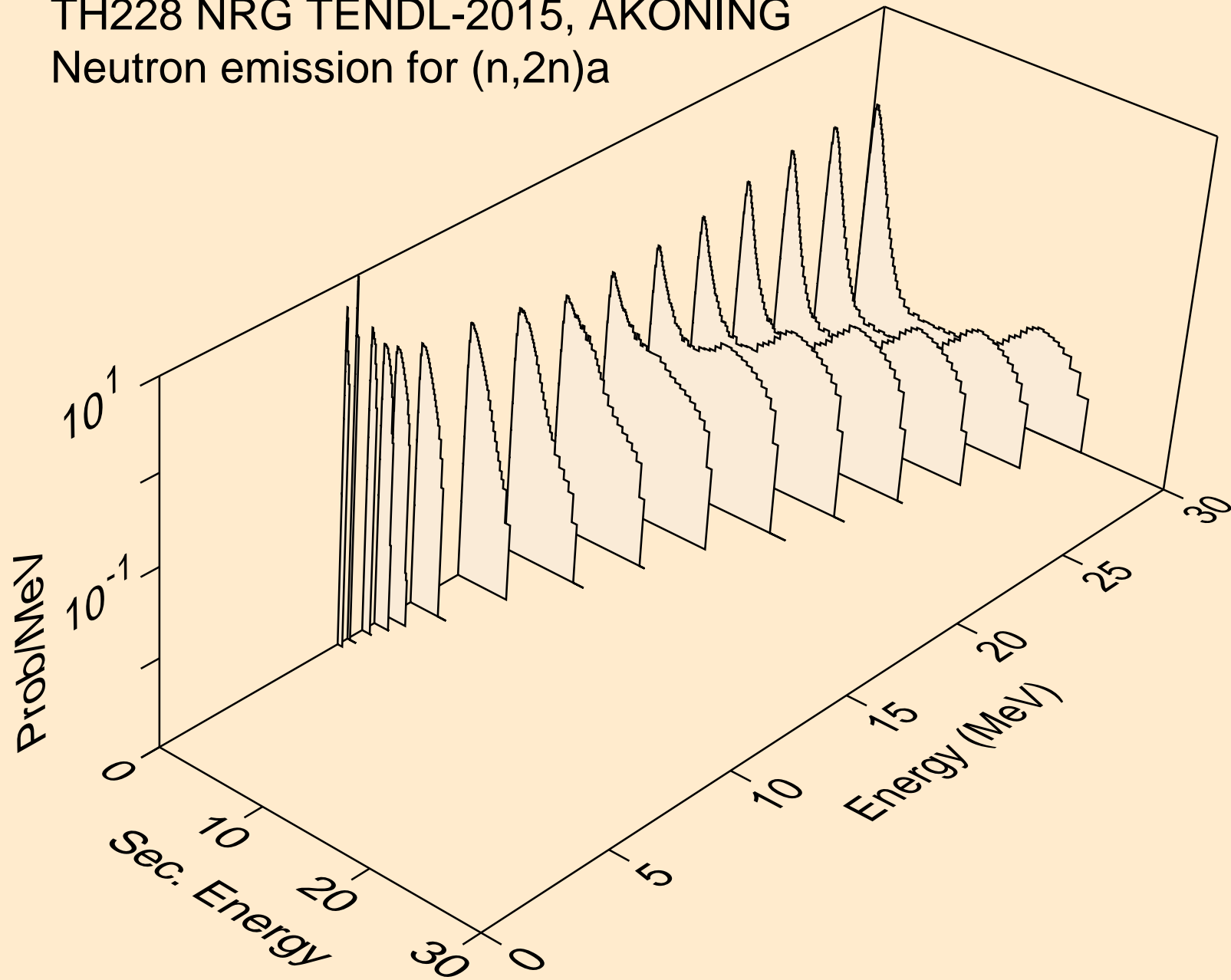
TH228 NRG TENDL-2015, AKONING  
Neutron emission for fission



TH228 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a

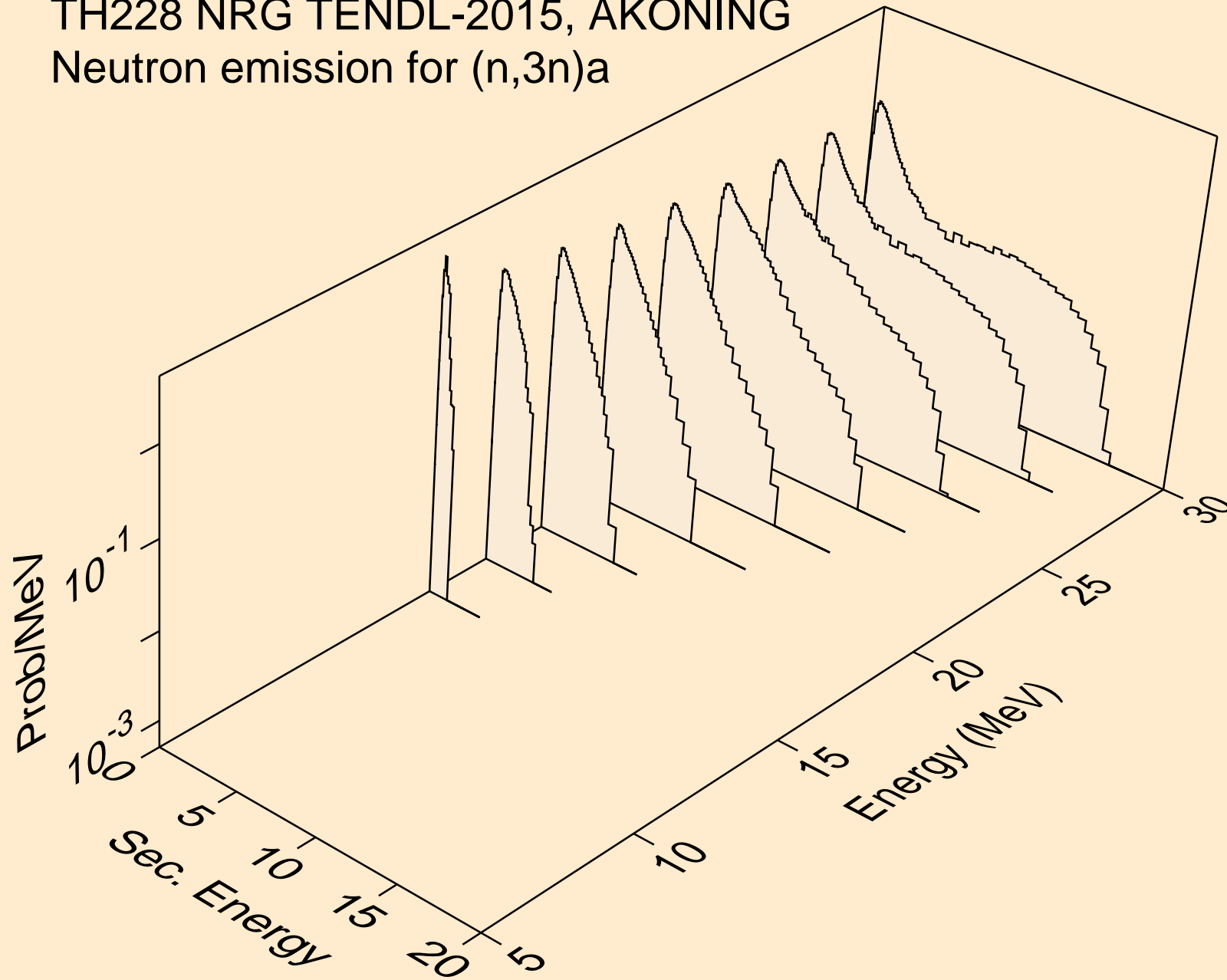


TH228 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

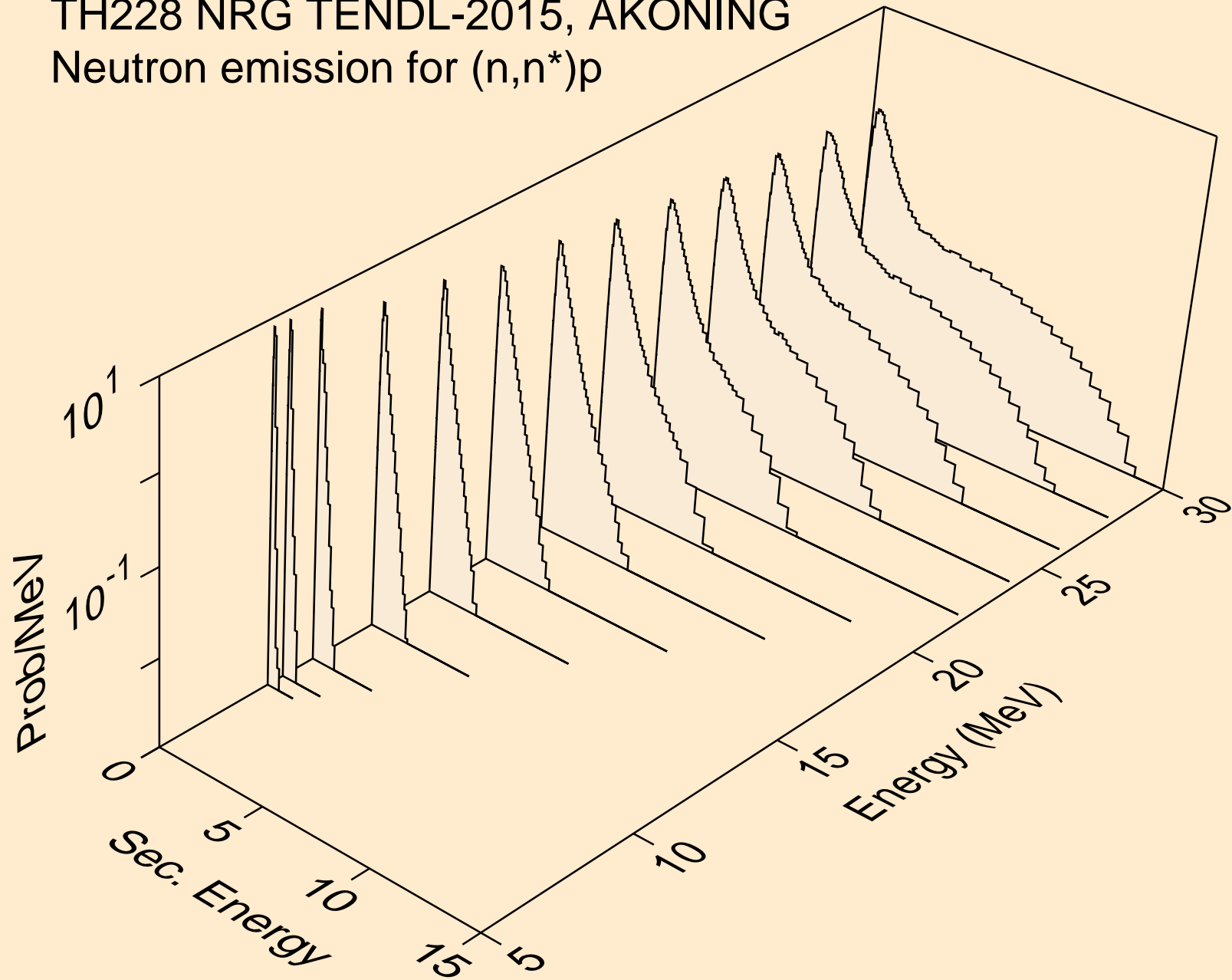




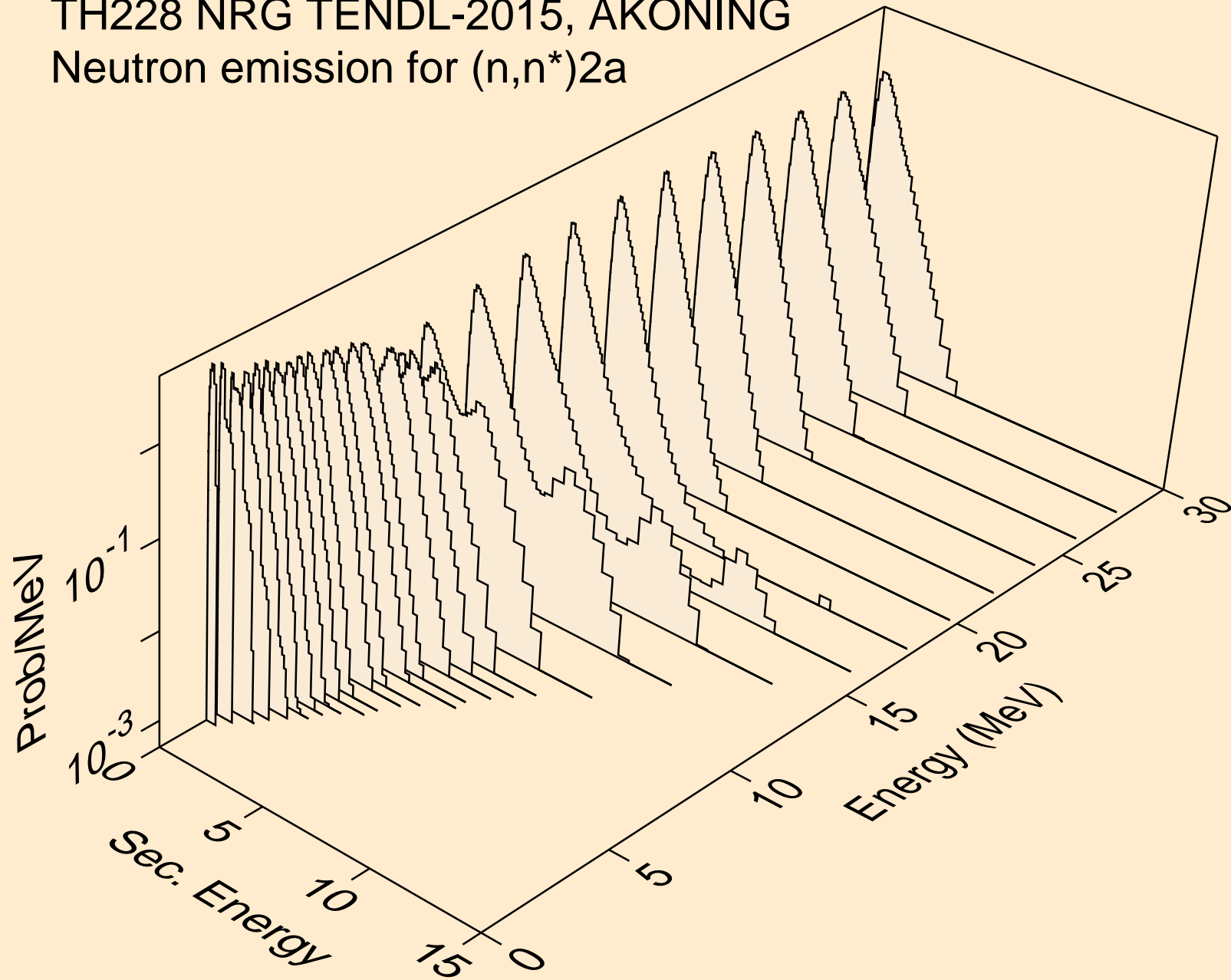
TH228 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



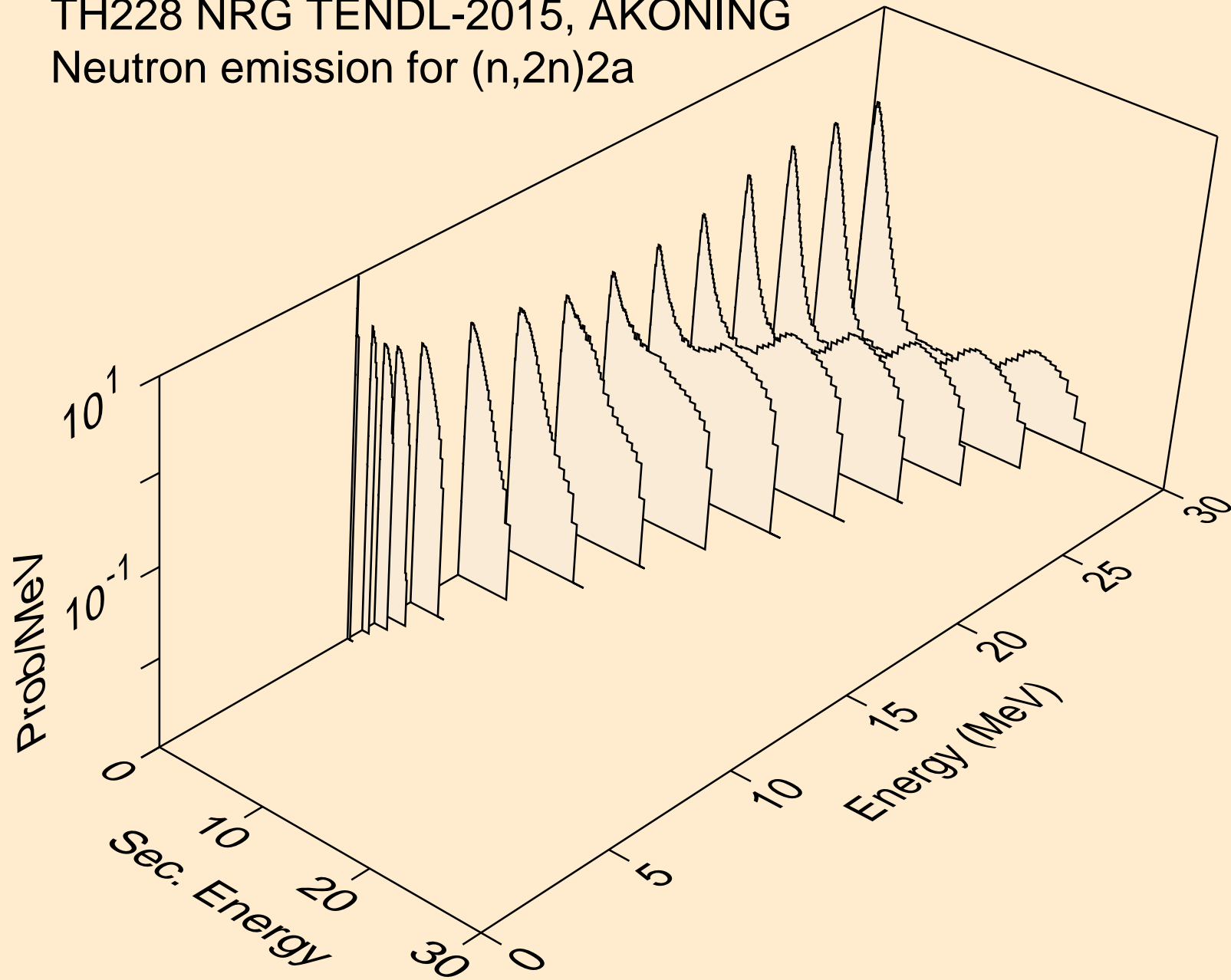
TH228 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



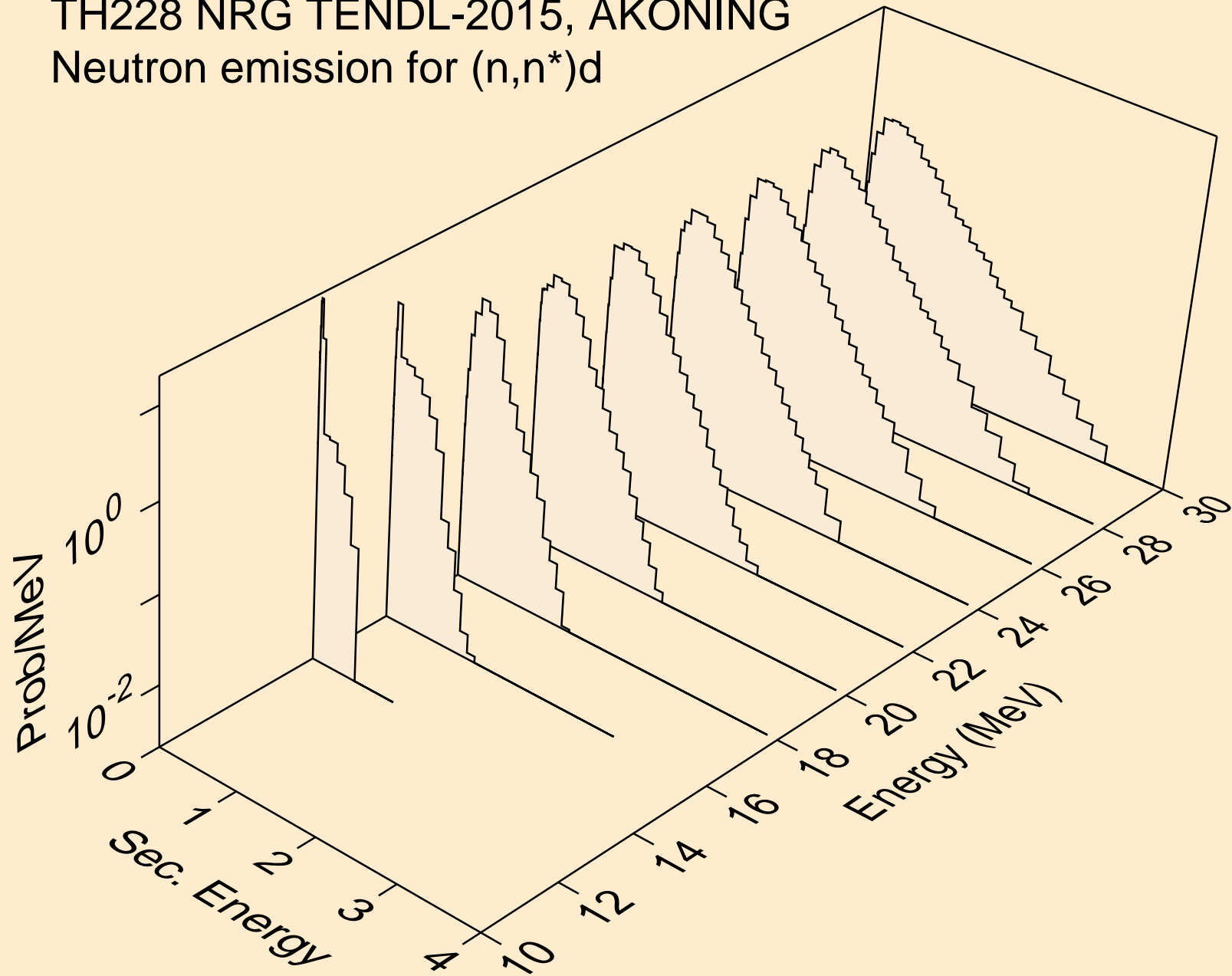
TH228 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



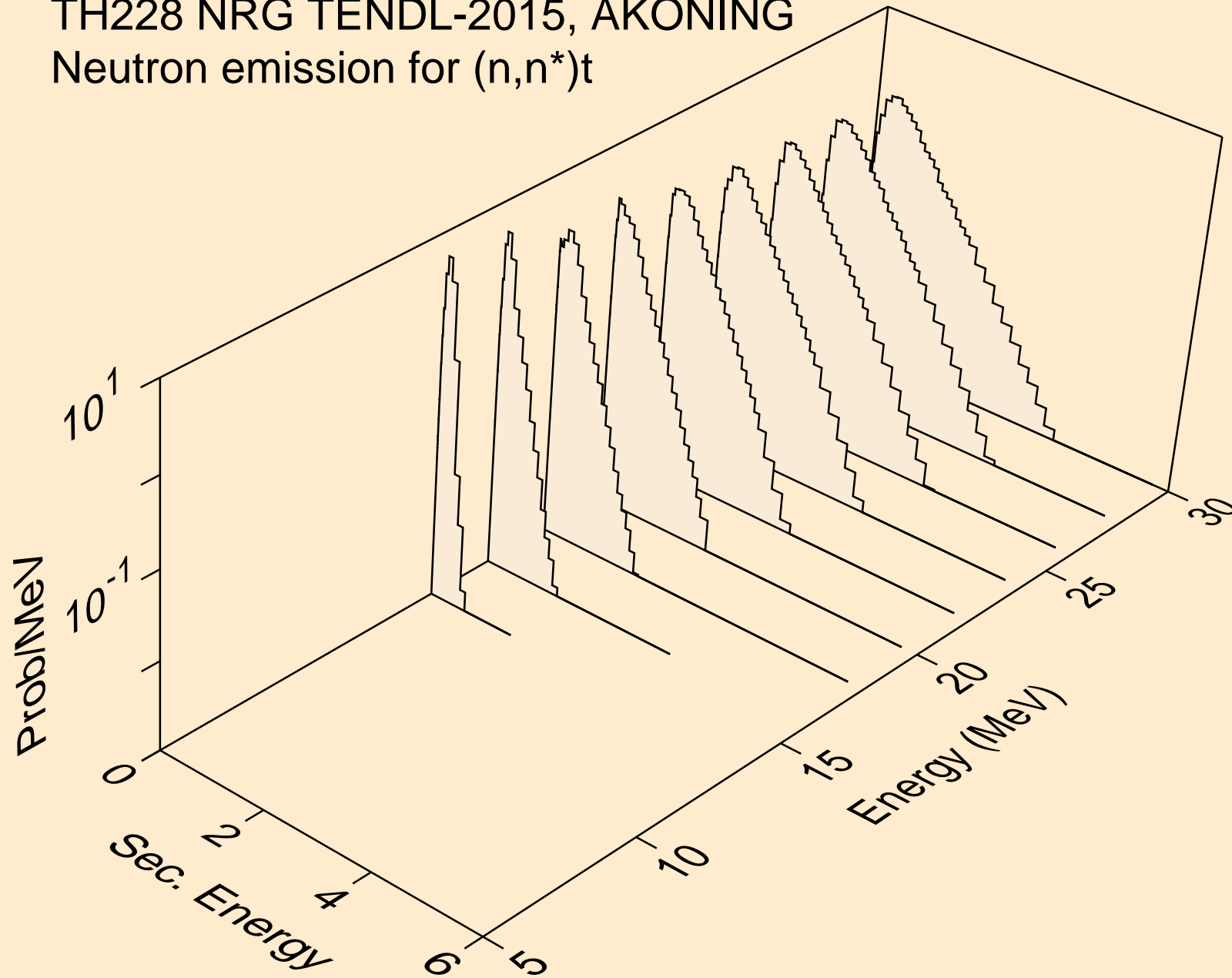
TH228 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



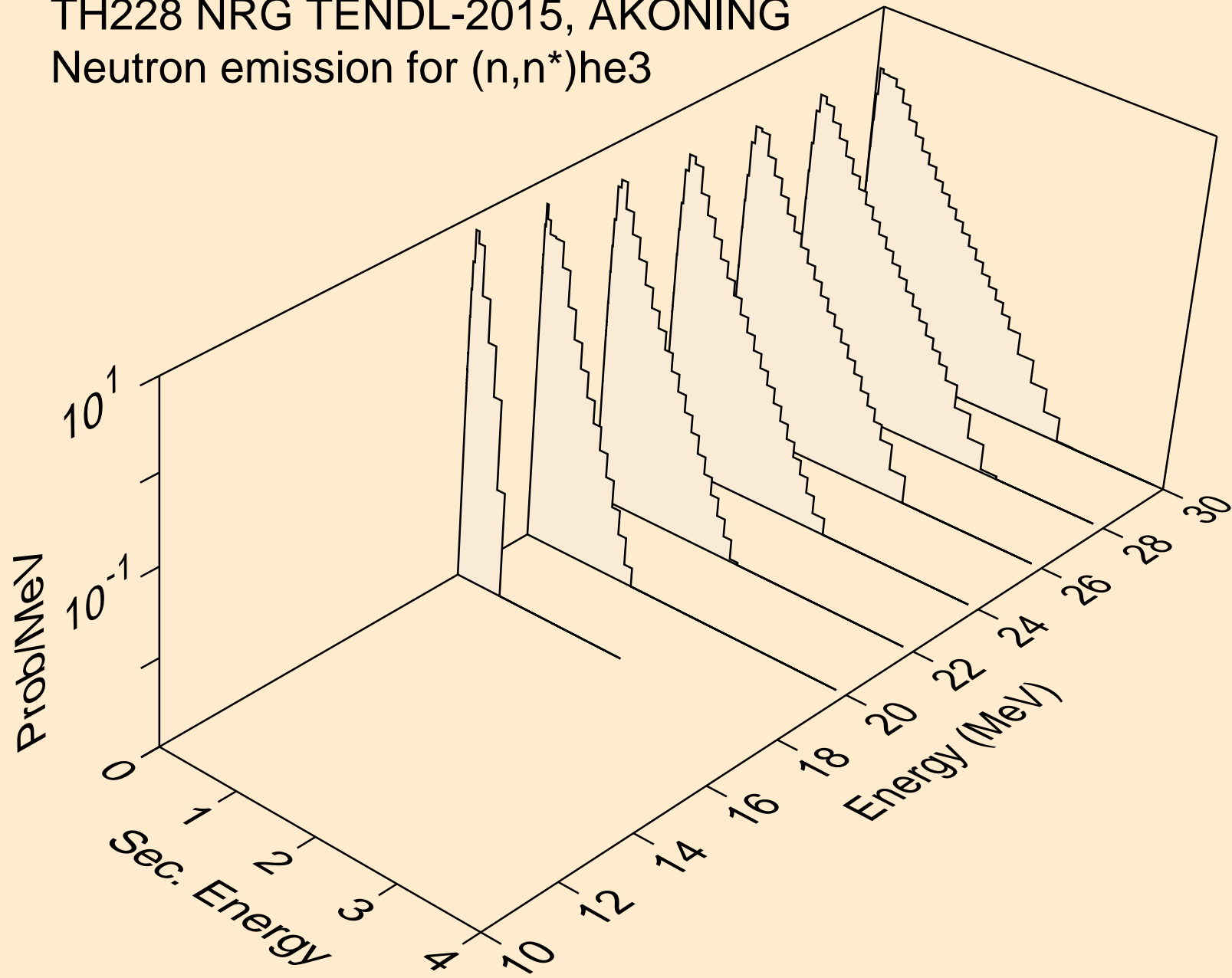
TH228 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



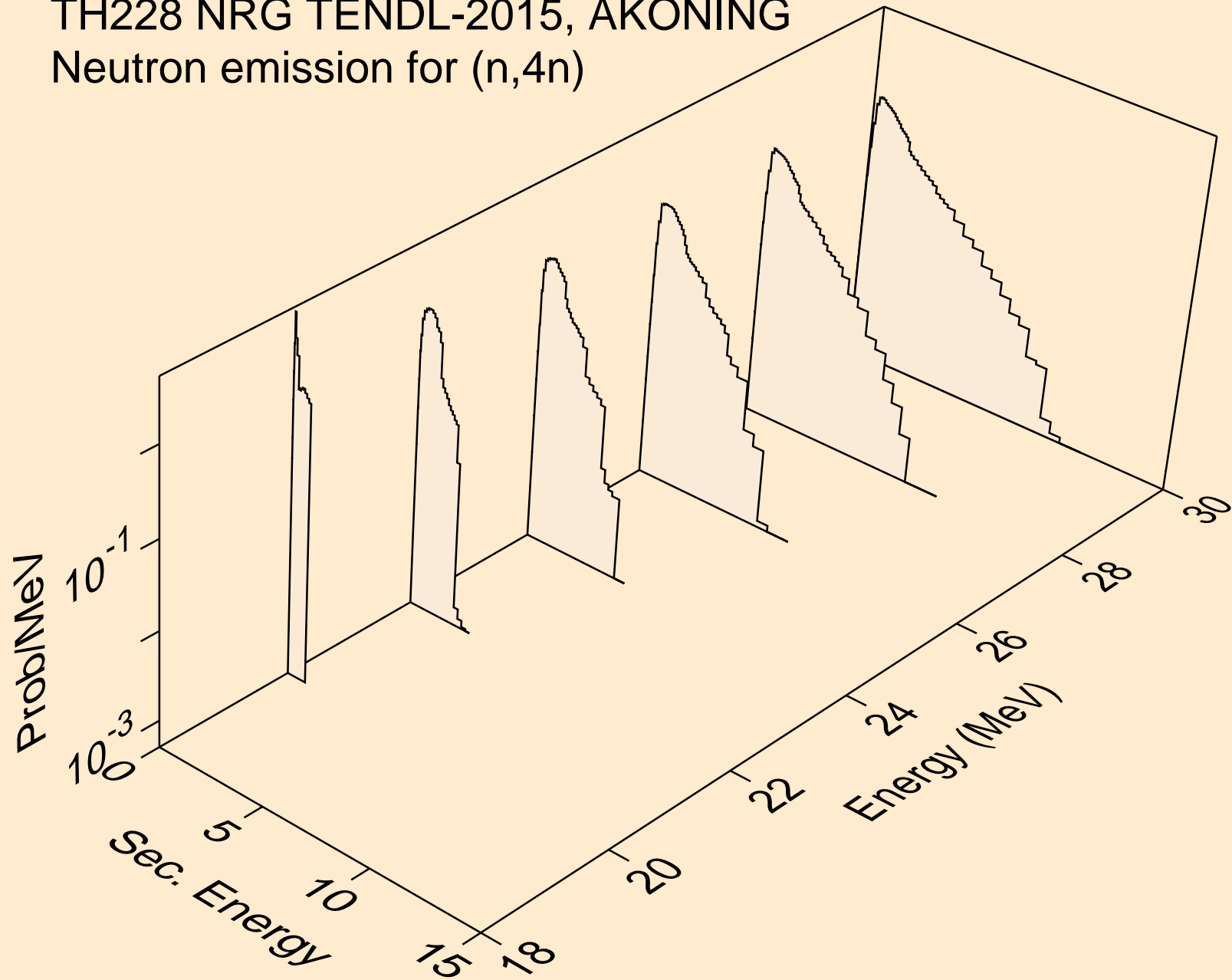
TH228 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



TH228 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

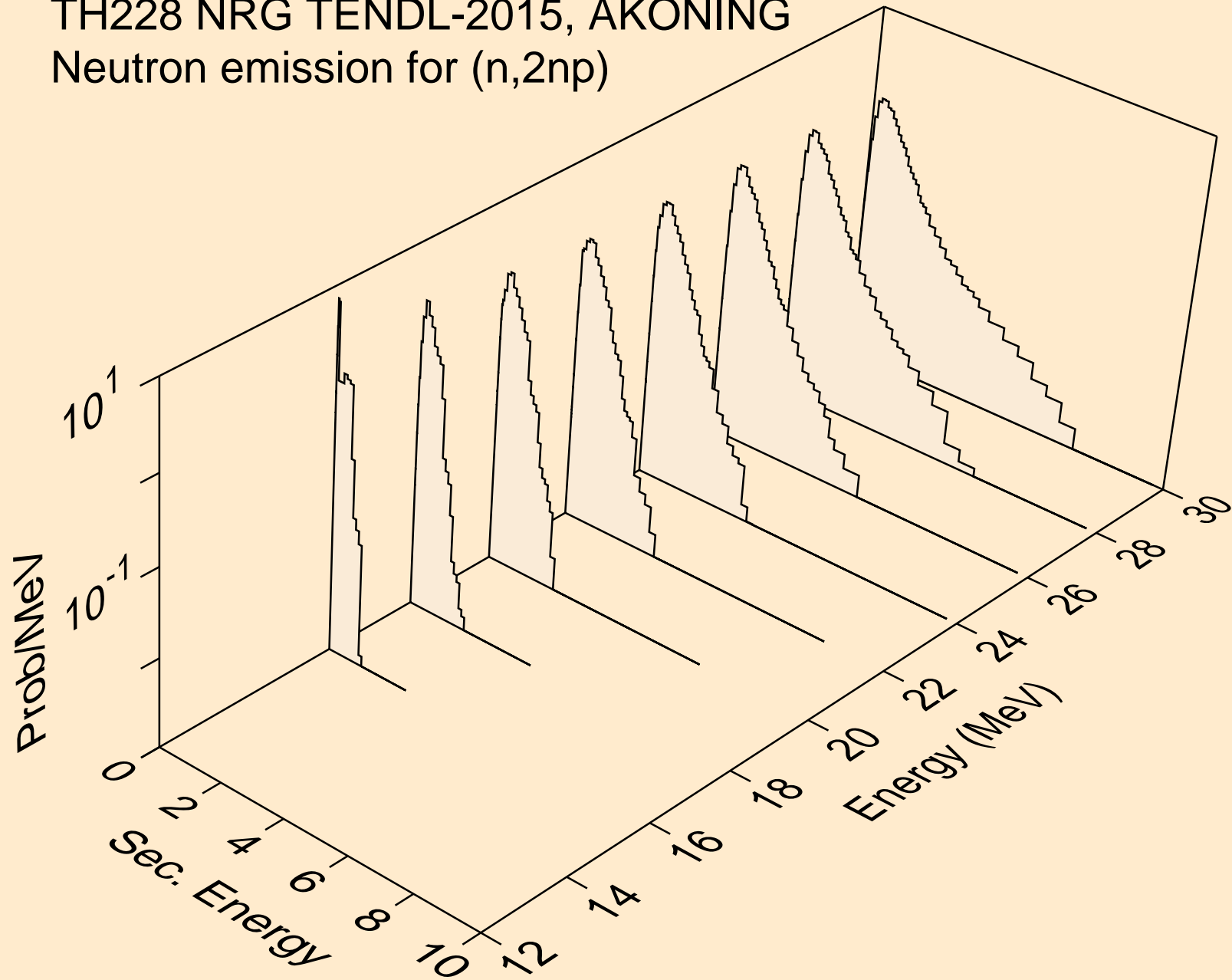


TH228 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)

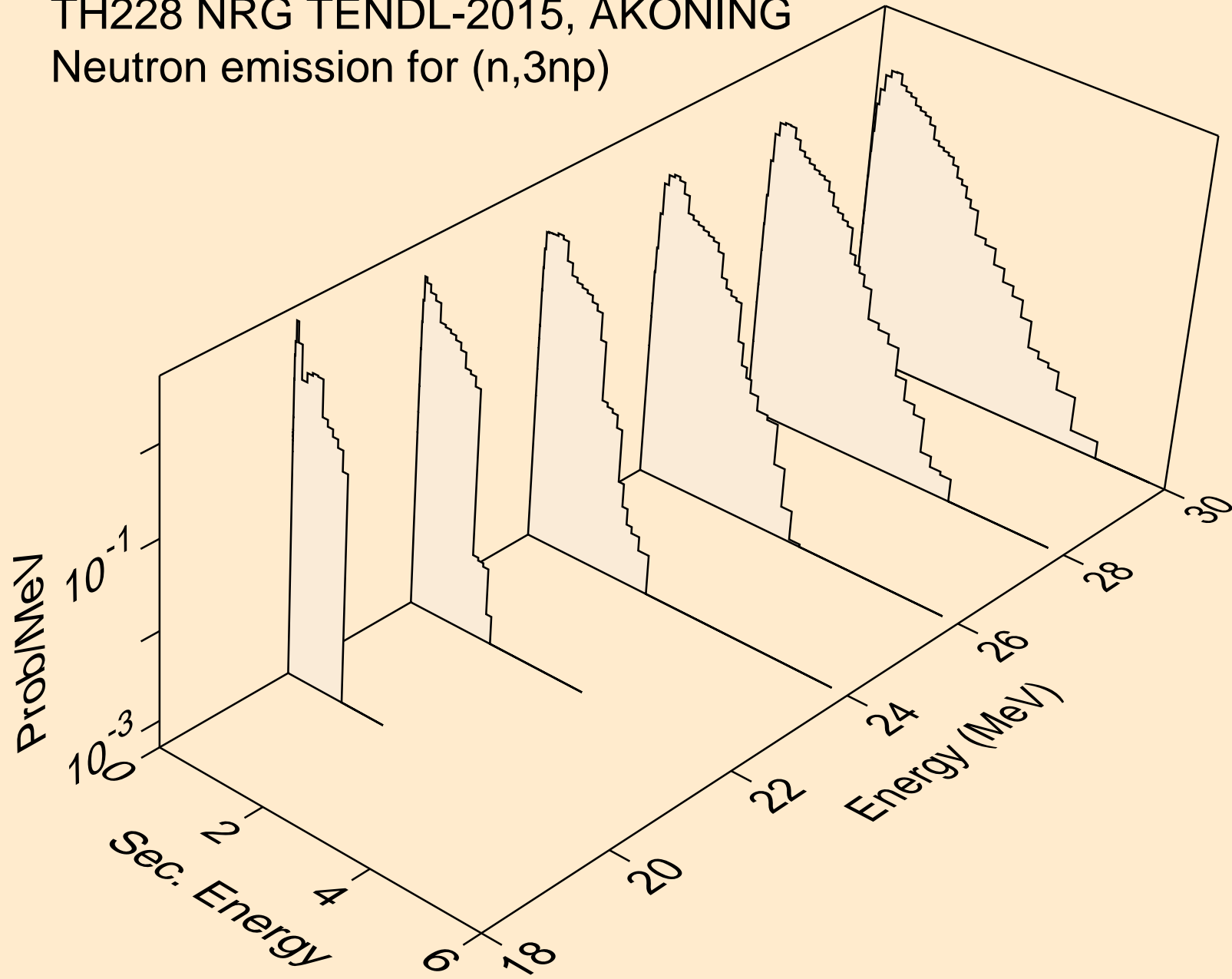




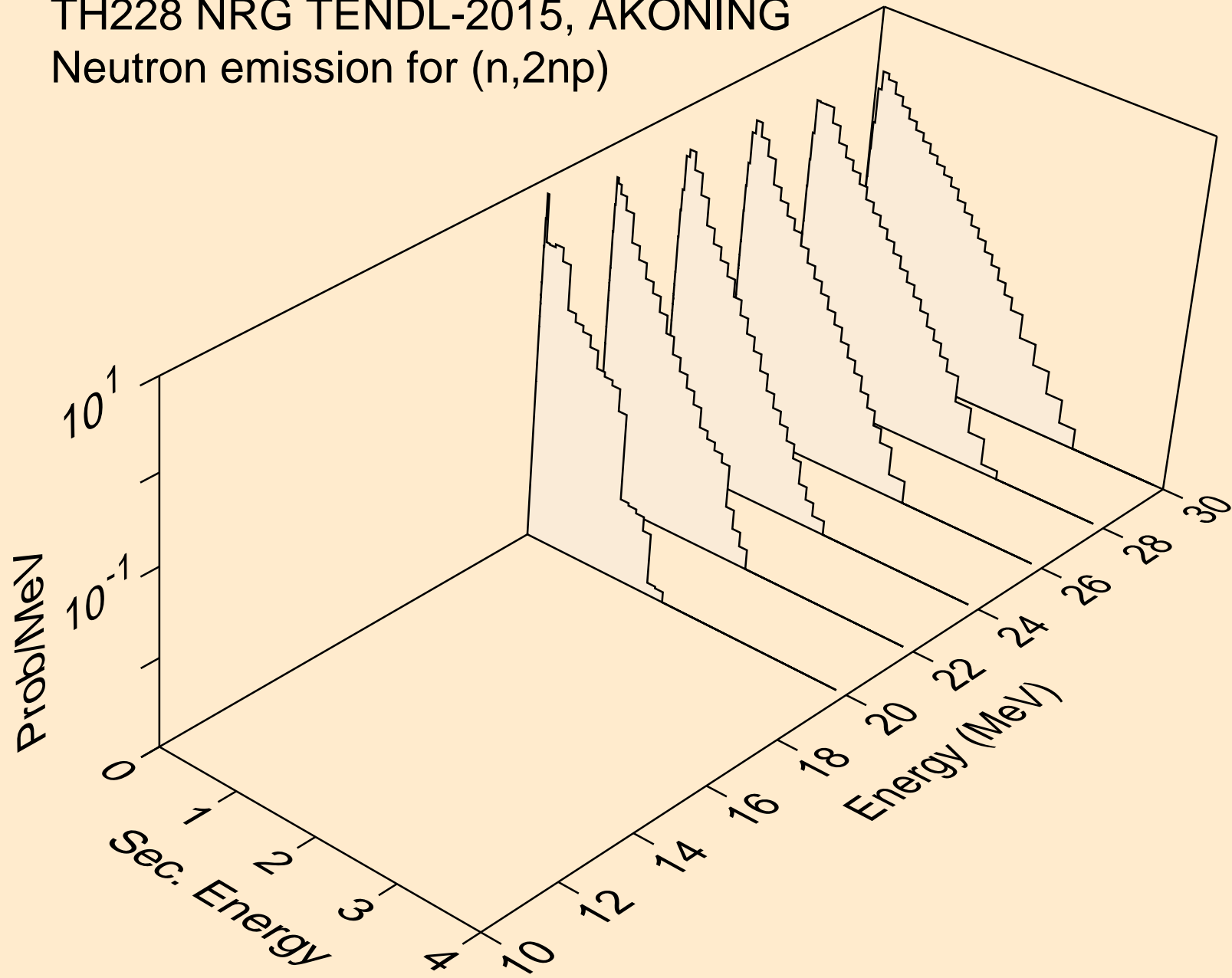
TH228 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



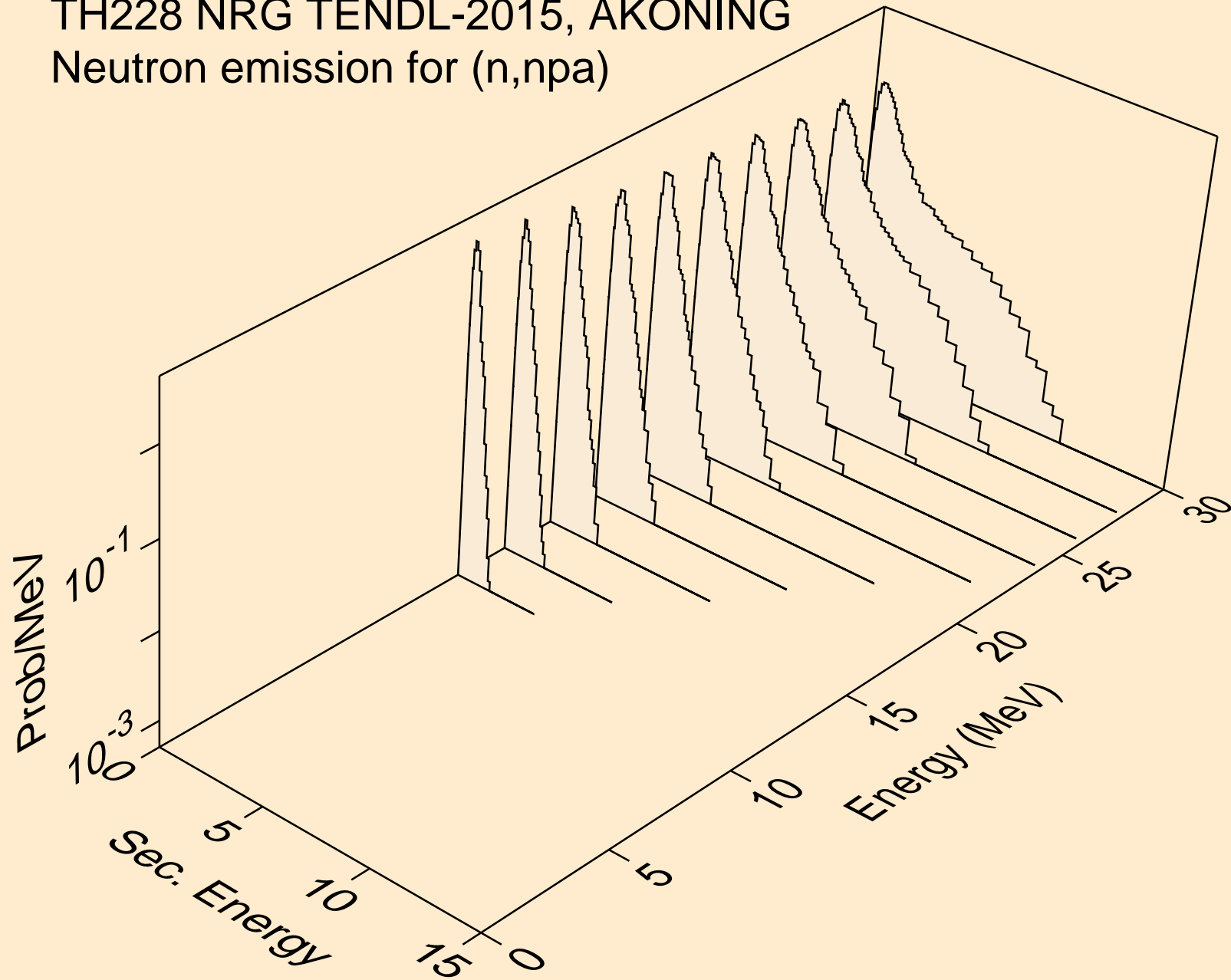
TH228 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



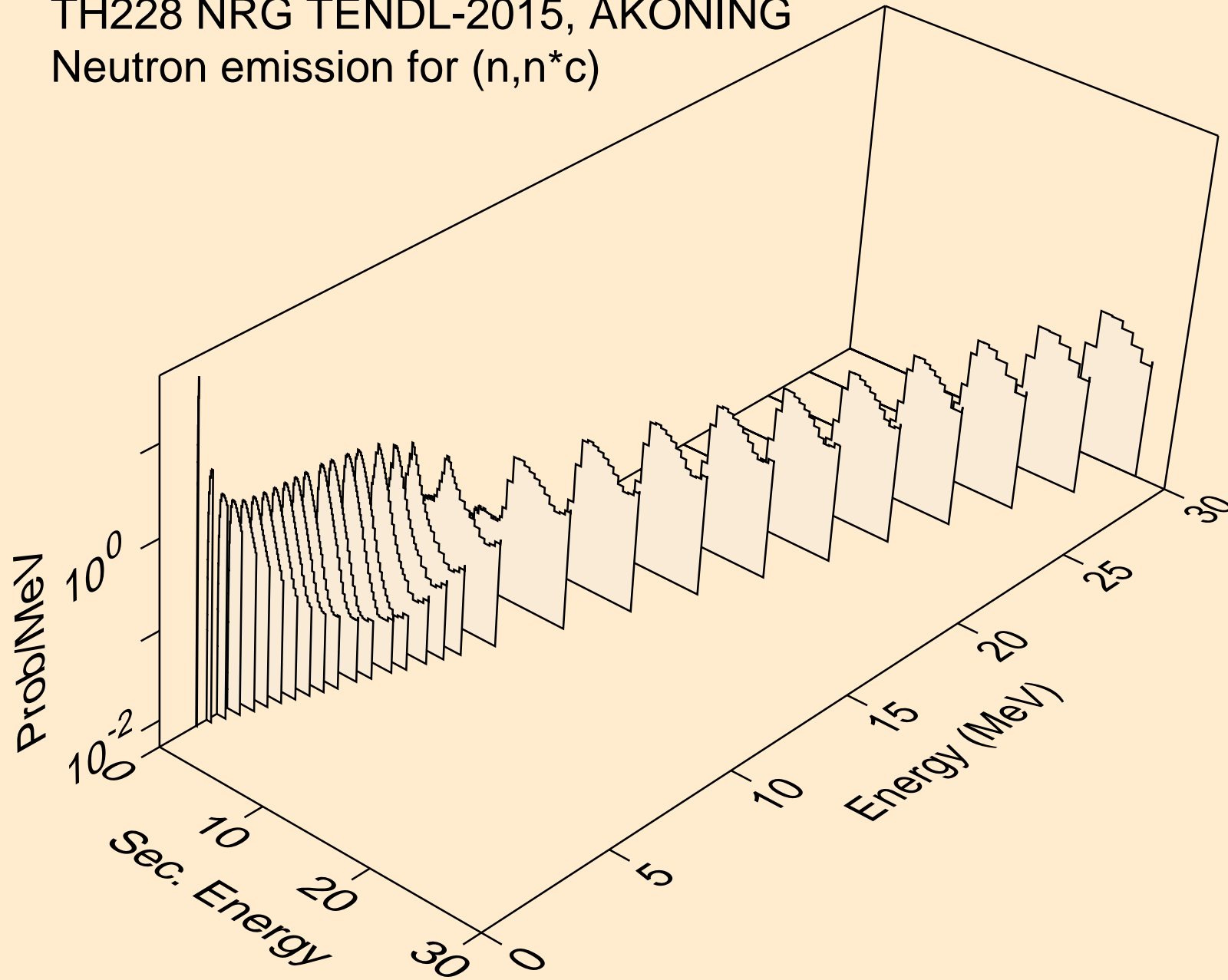
TH228 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



TH228 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

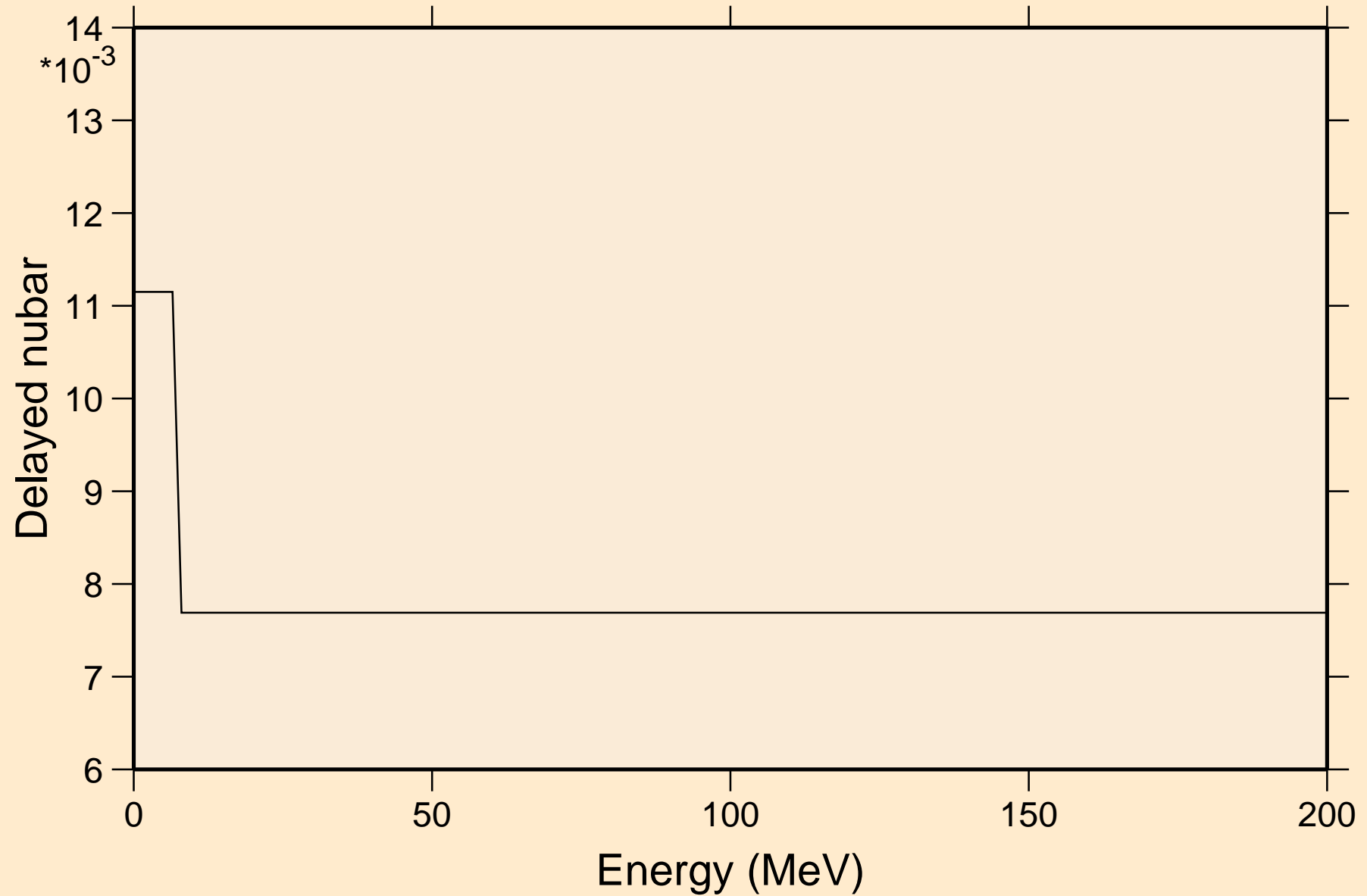


TH228 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



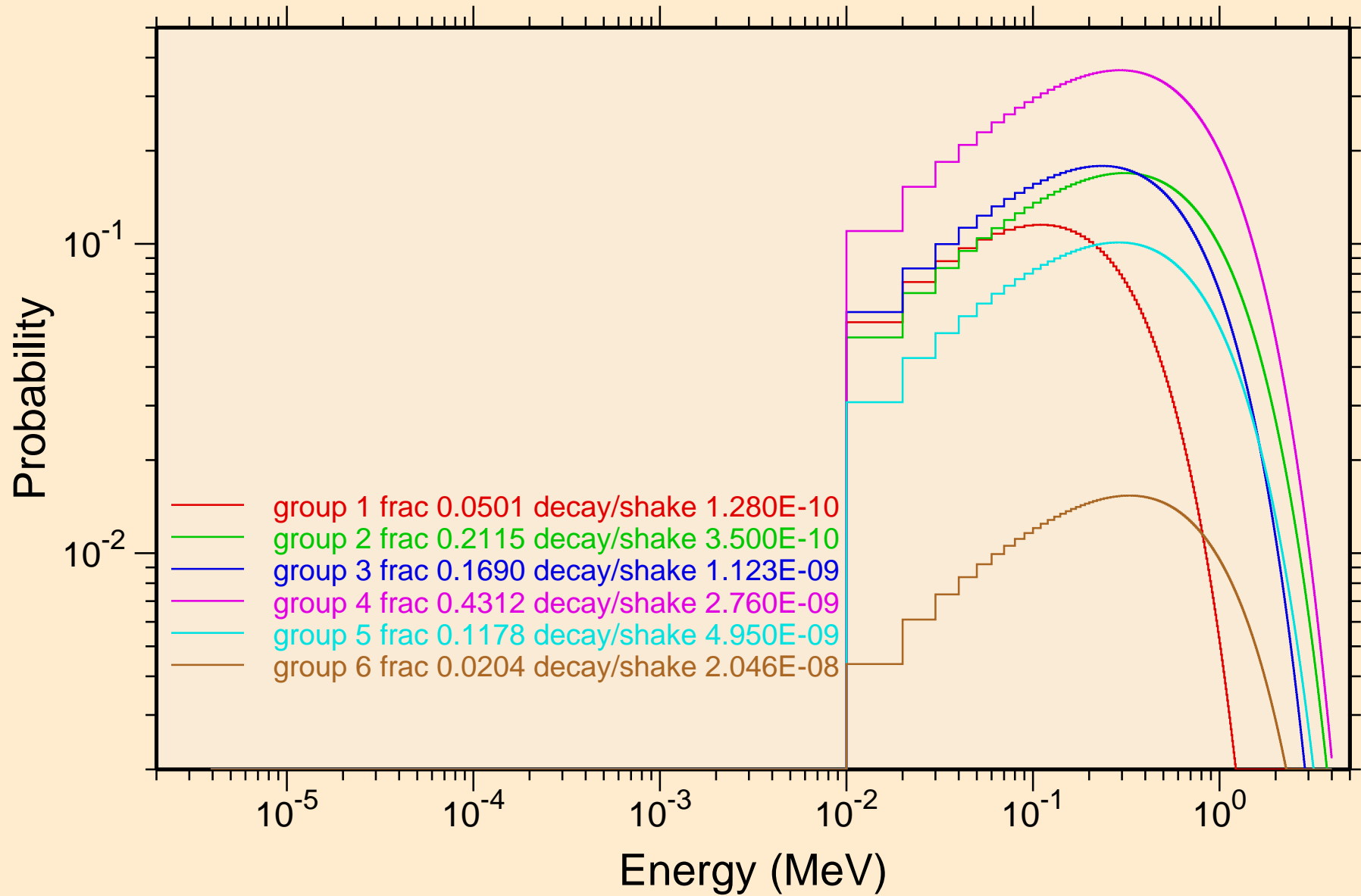
# TH228 NRG TENDL-2015, AKONING

Delayed nubar

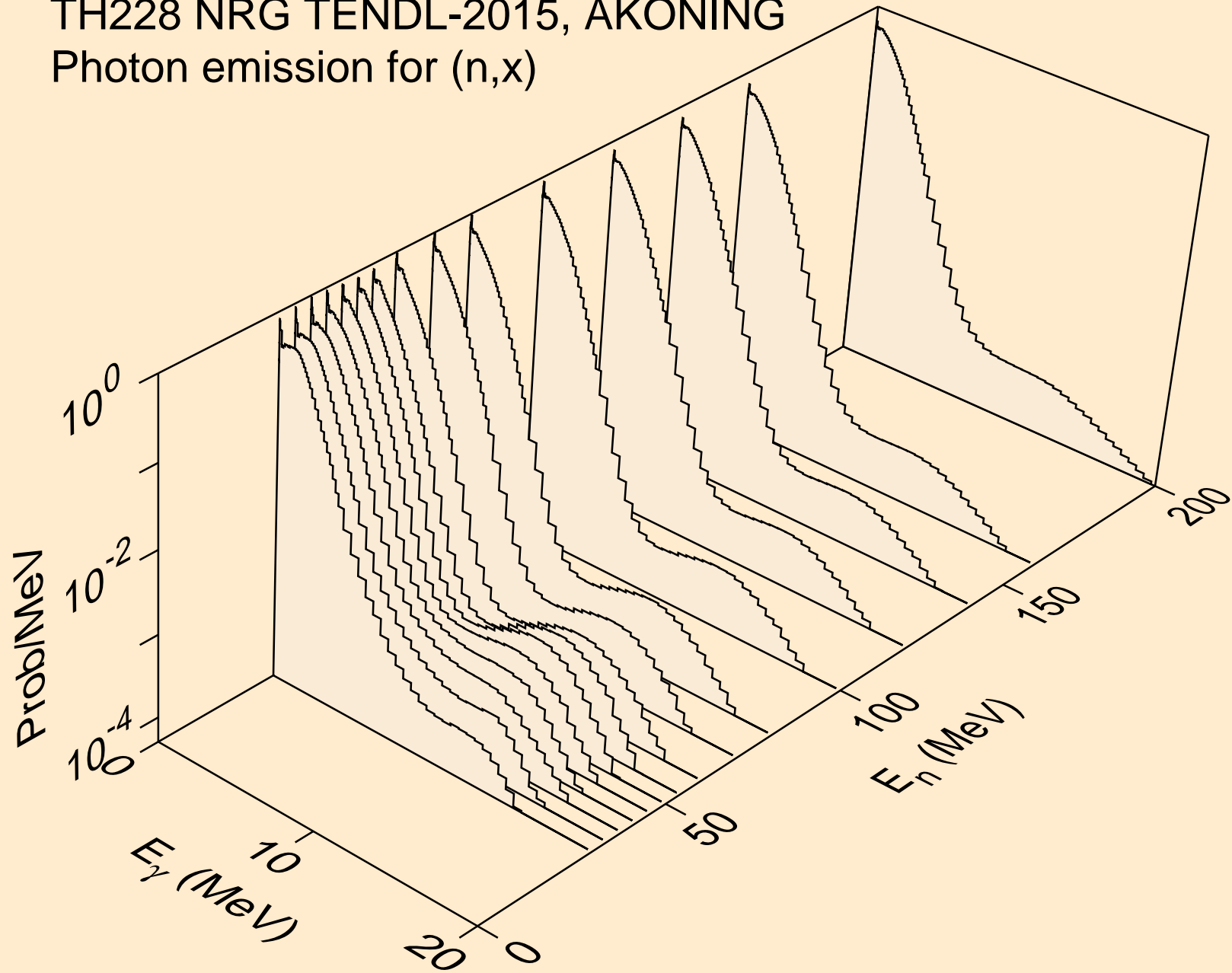


# TH228 NRG TENDL-2015, AKONING

## Delayed neutron spectra

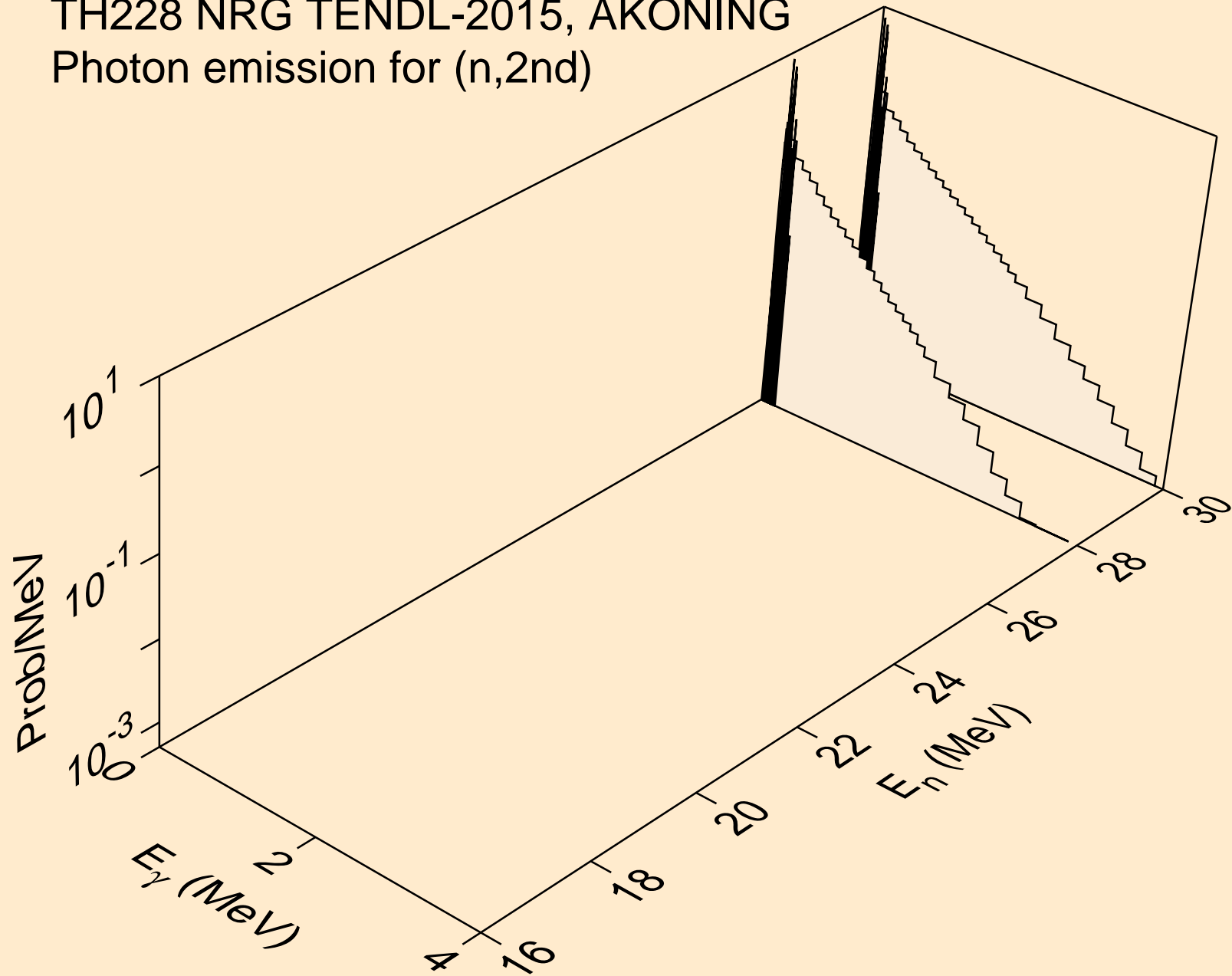


TH228 NRG TENDL-2015, AKONING  
Photon emission for (n,x)

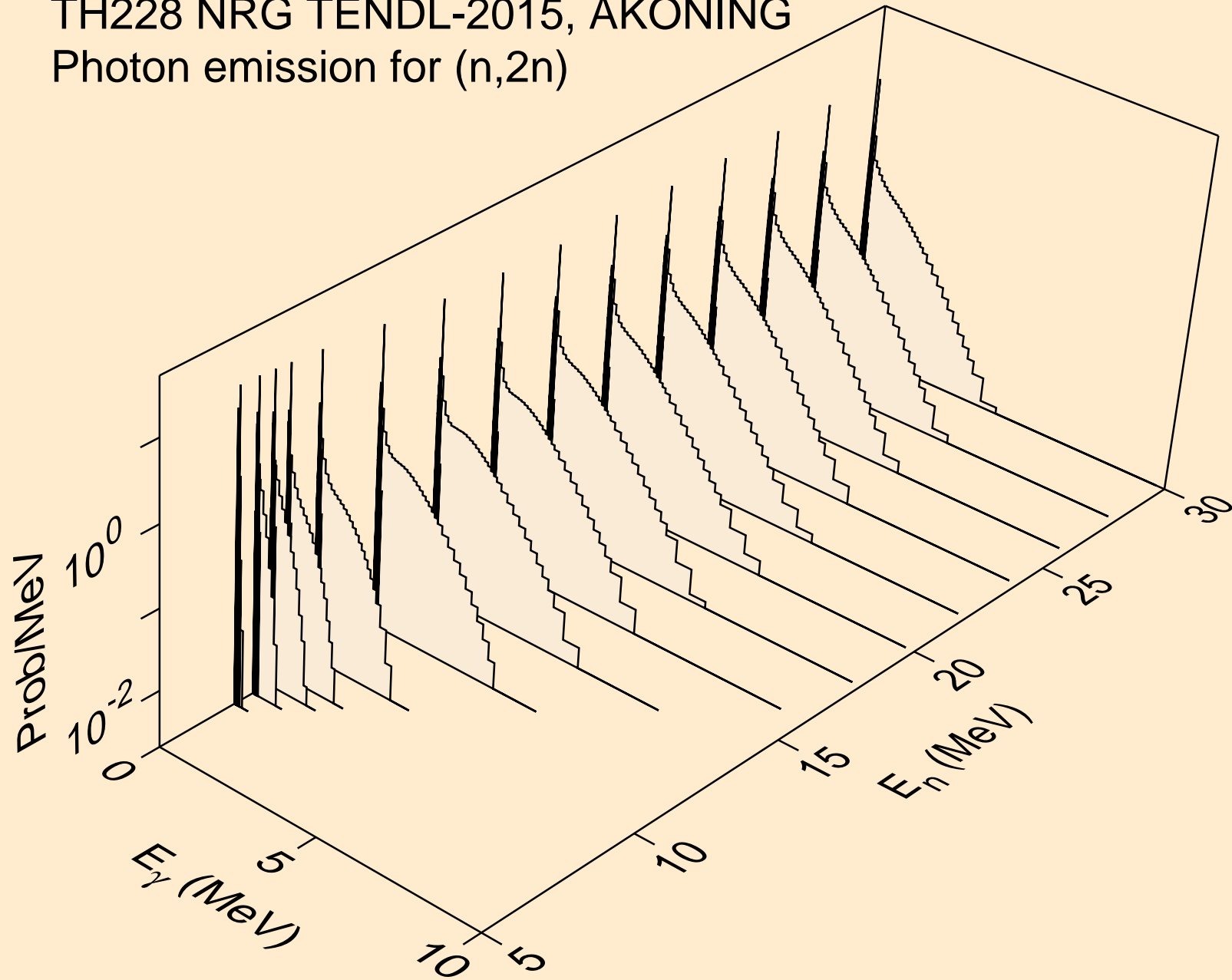




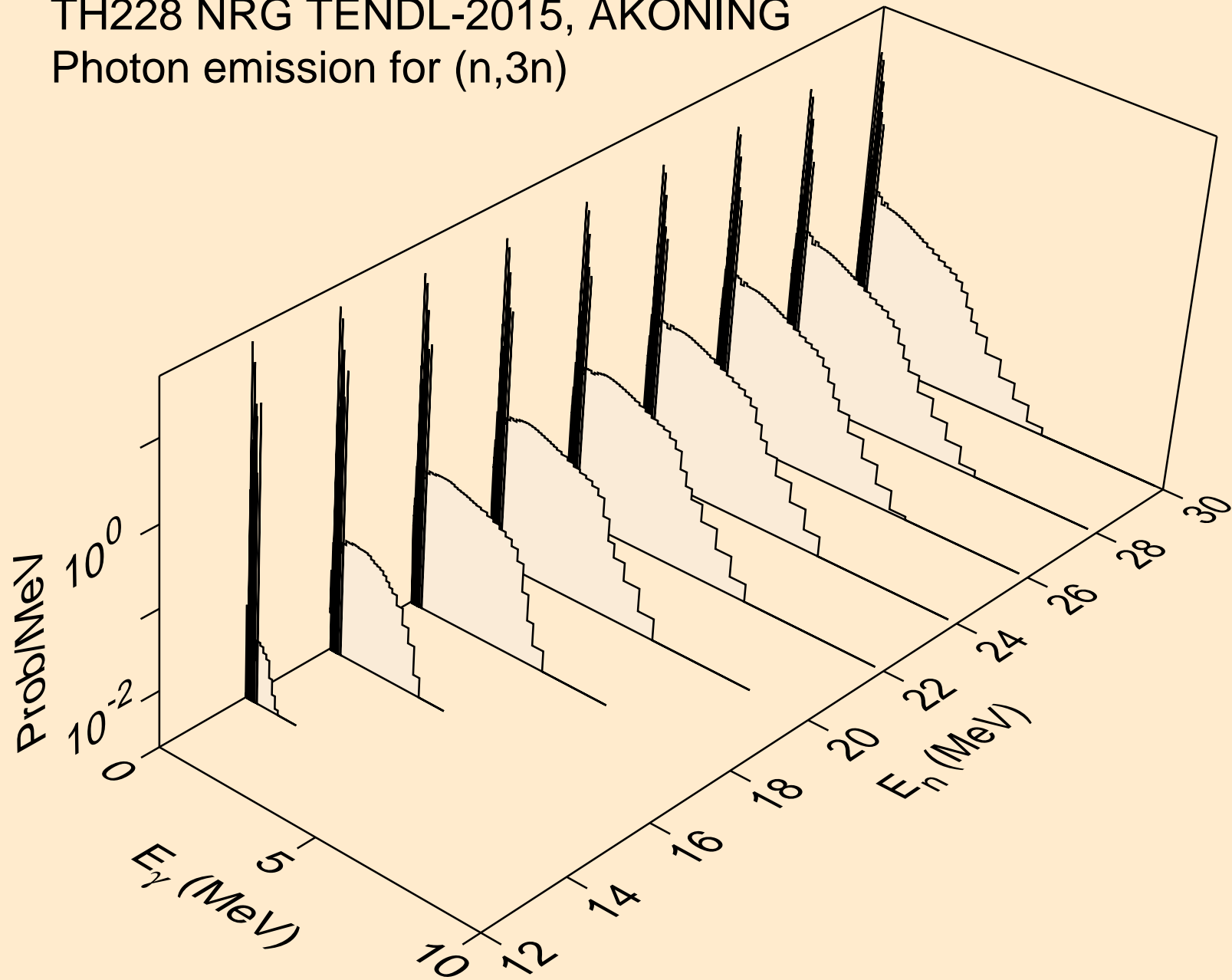
TH228 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



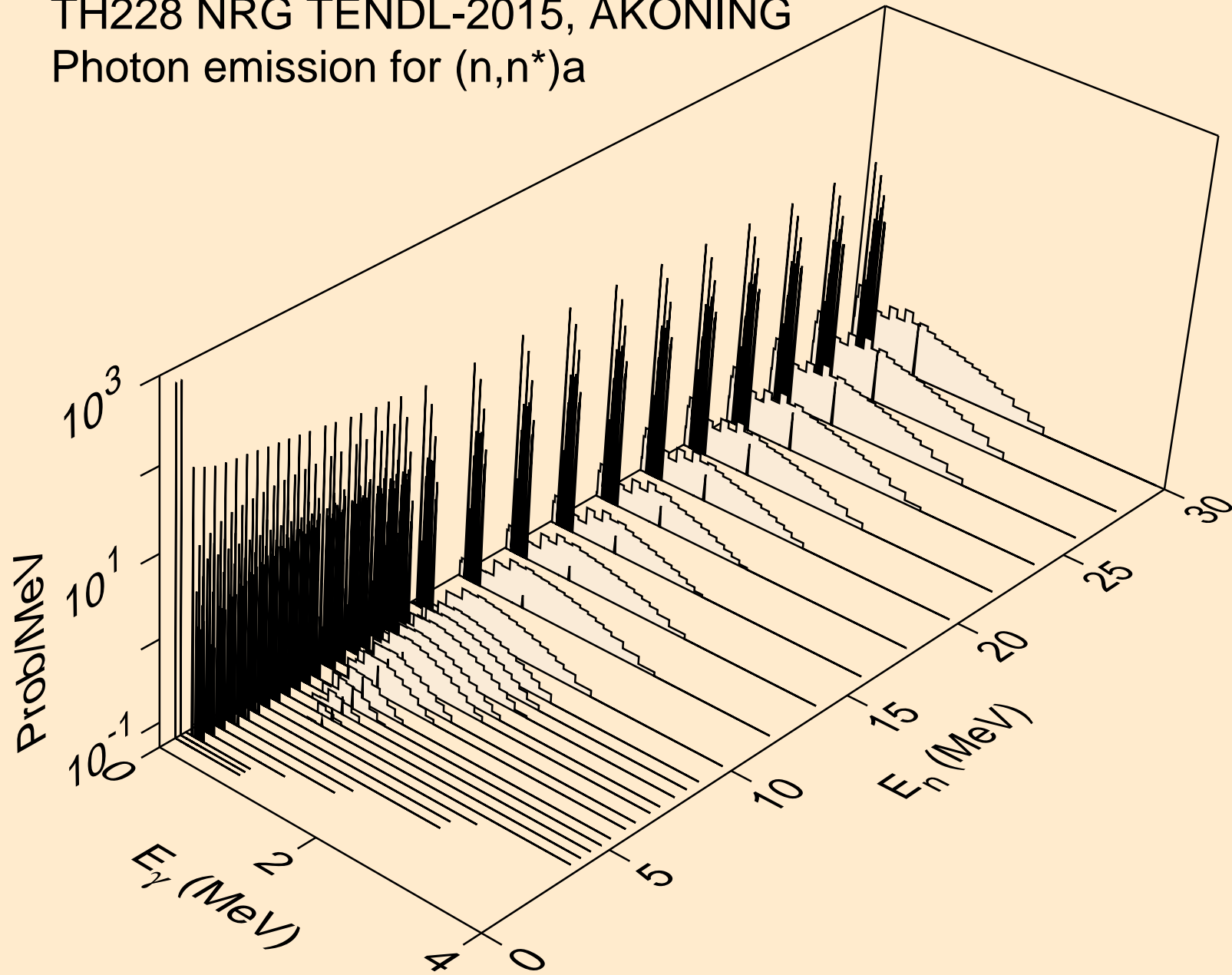
TH228 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



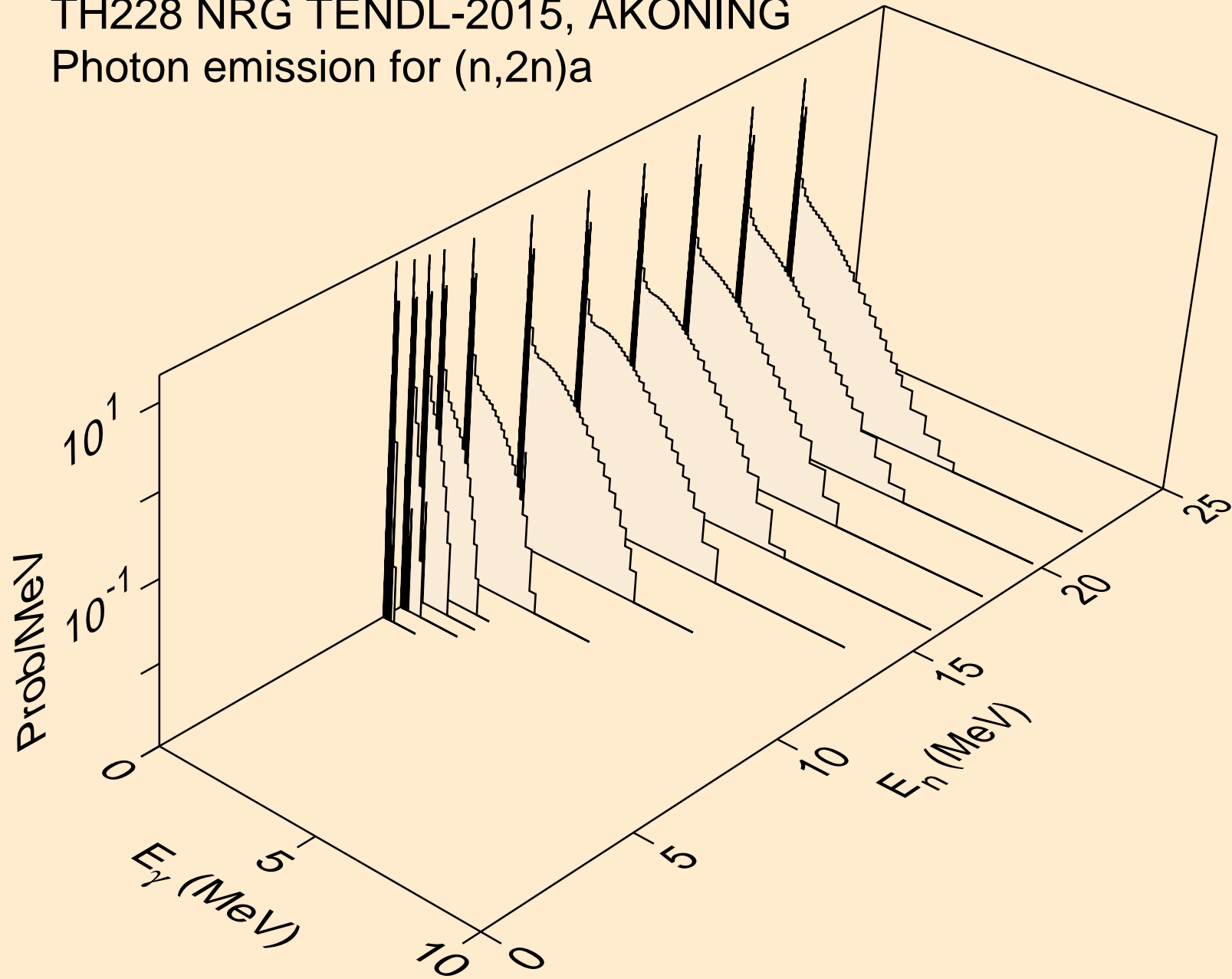
TH228 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



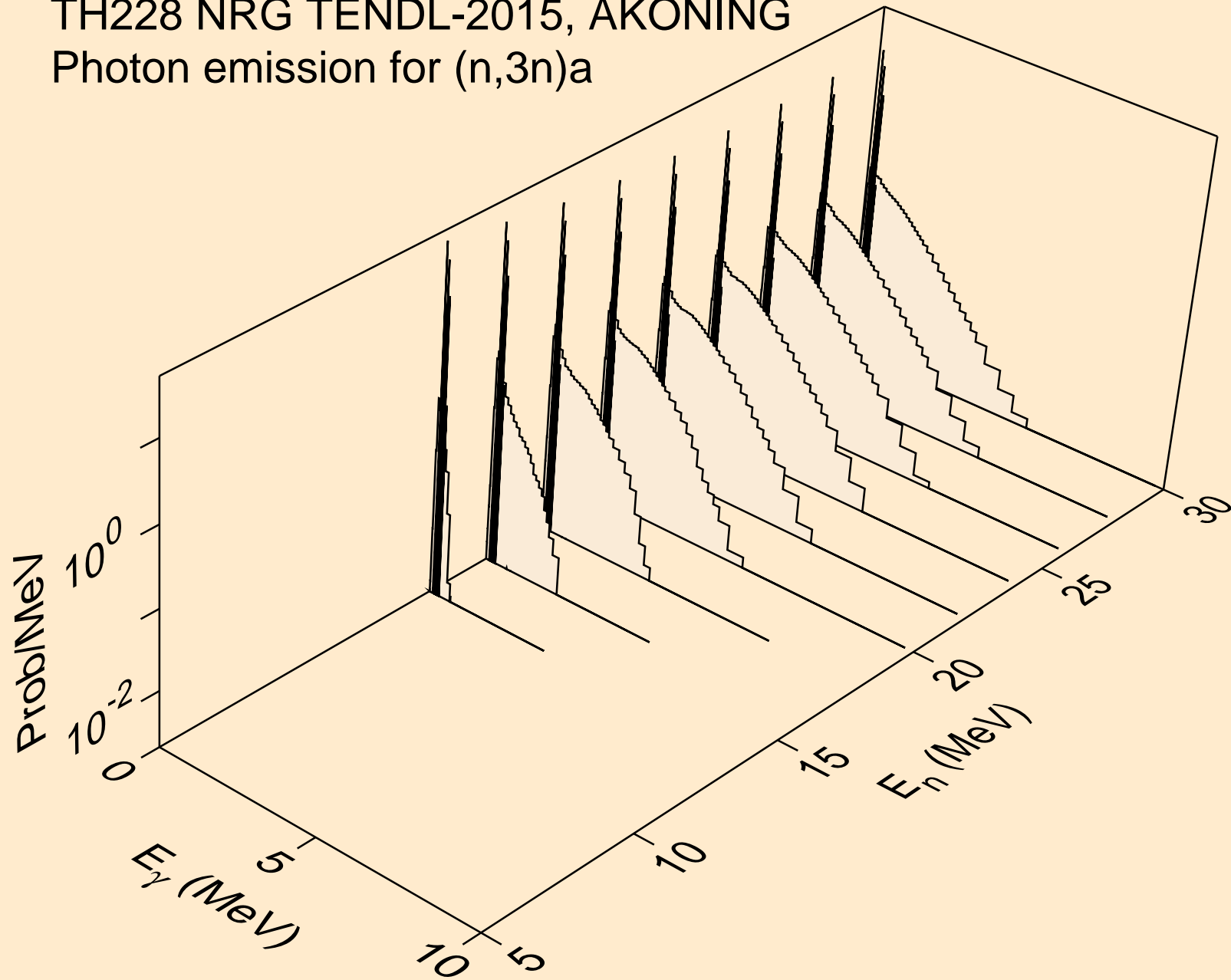
TH228 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



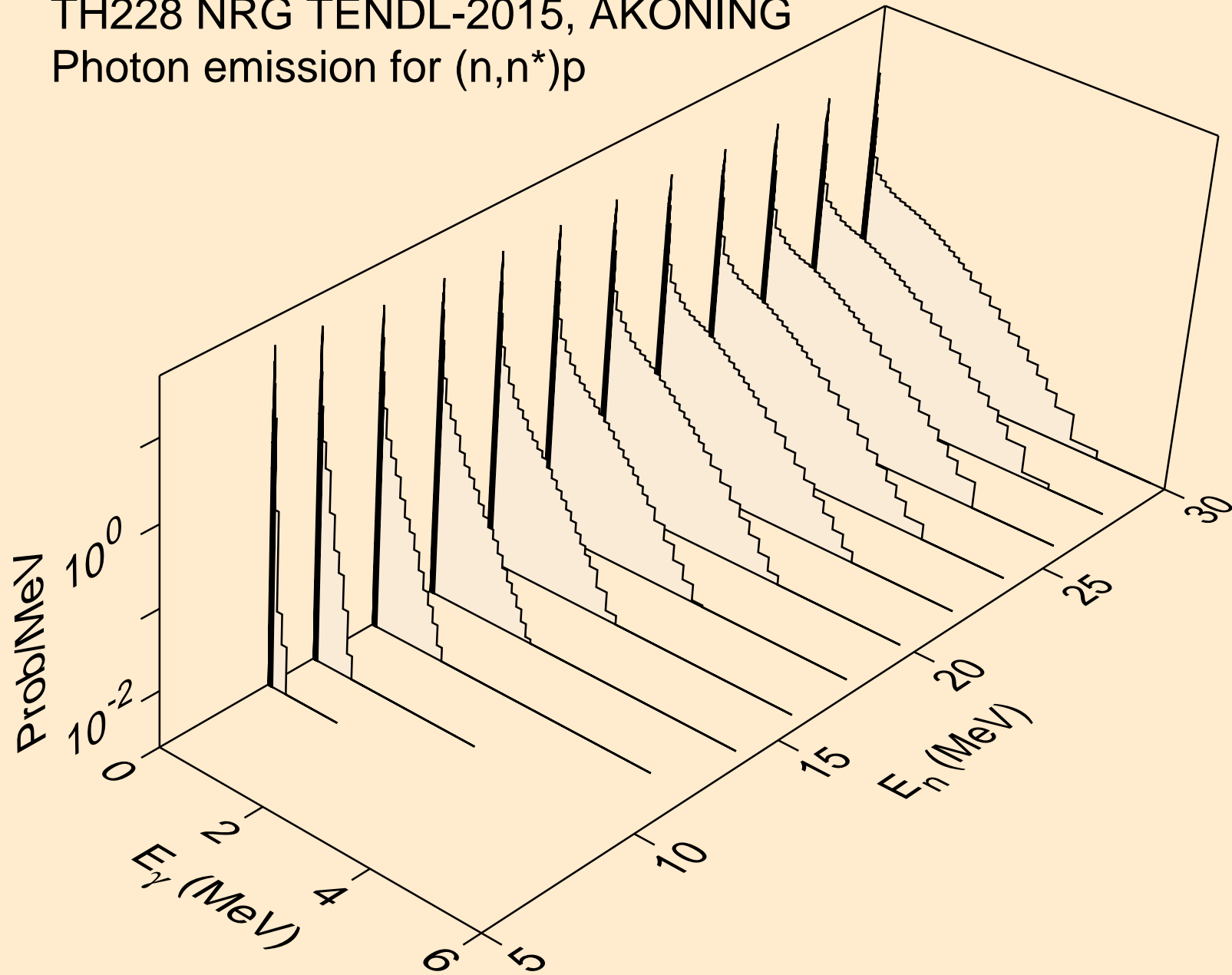
TH228 NRG TENDL-2015, AKONING  
Photon emission for (n,2n) $\alpha$



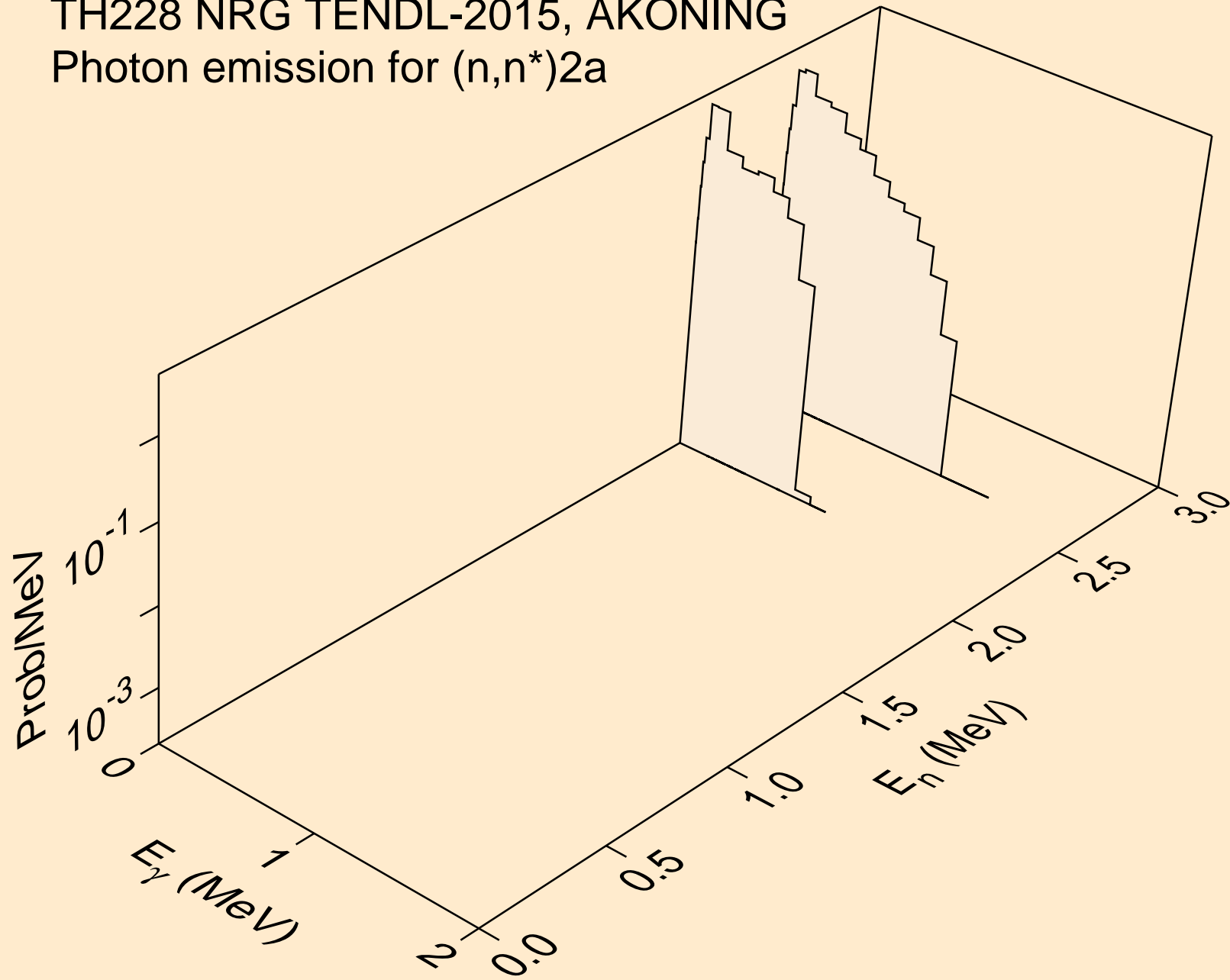
TH228 NRG TENDL-2015, AKONING  
Photon emission for (n,3n) $\alpha$



TH228 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

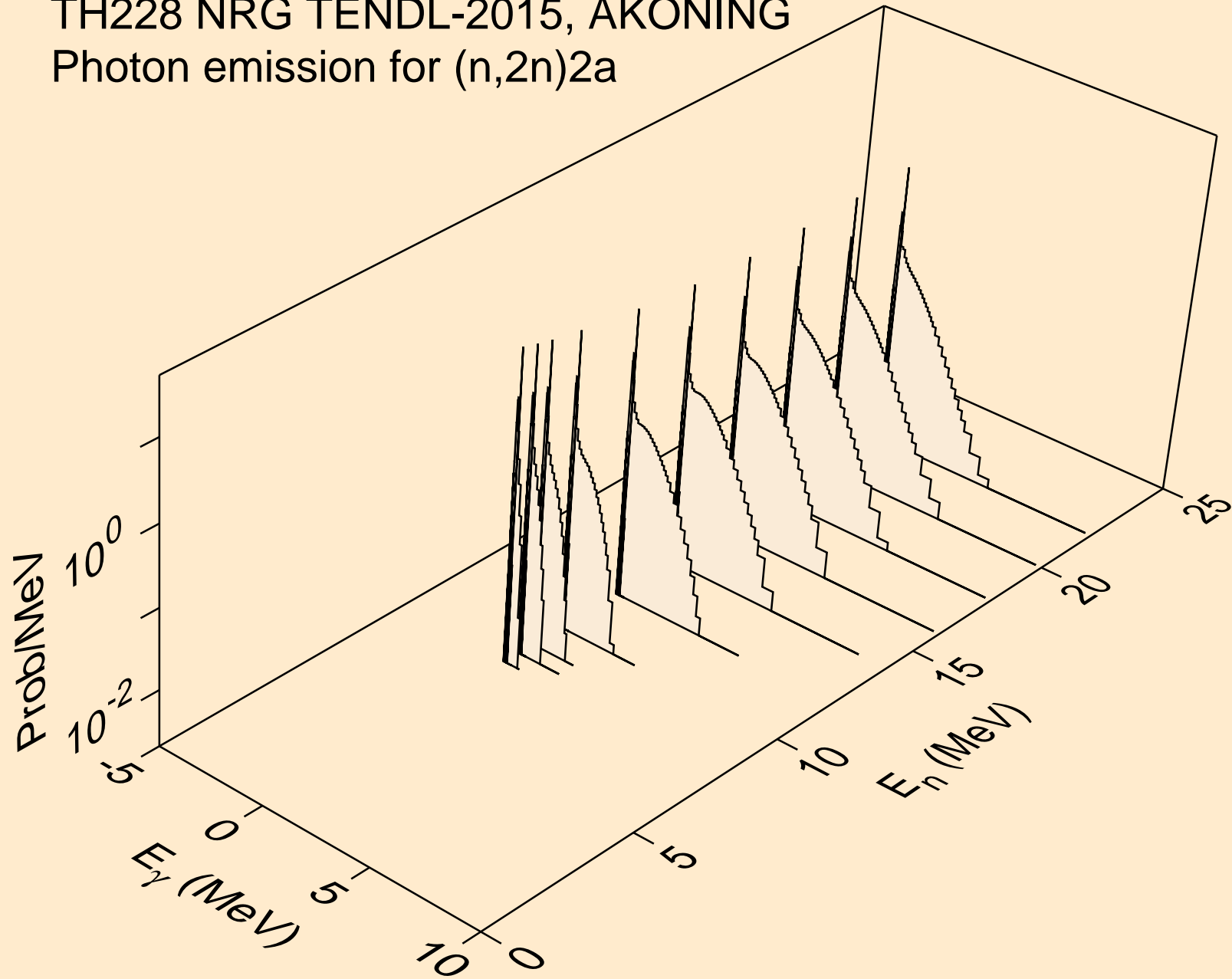


TH228 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a

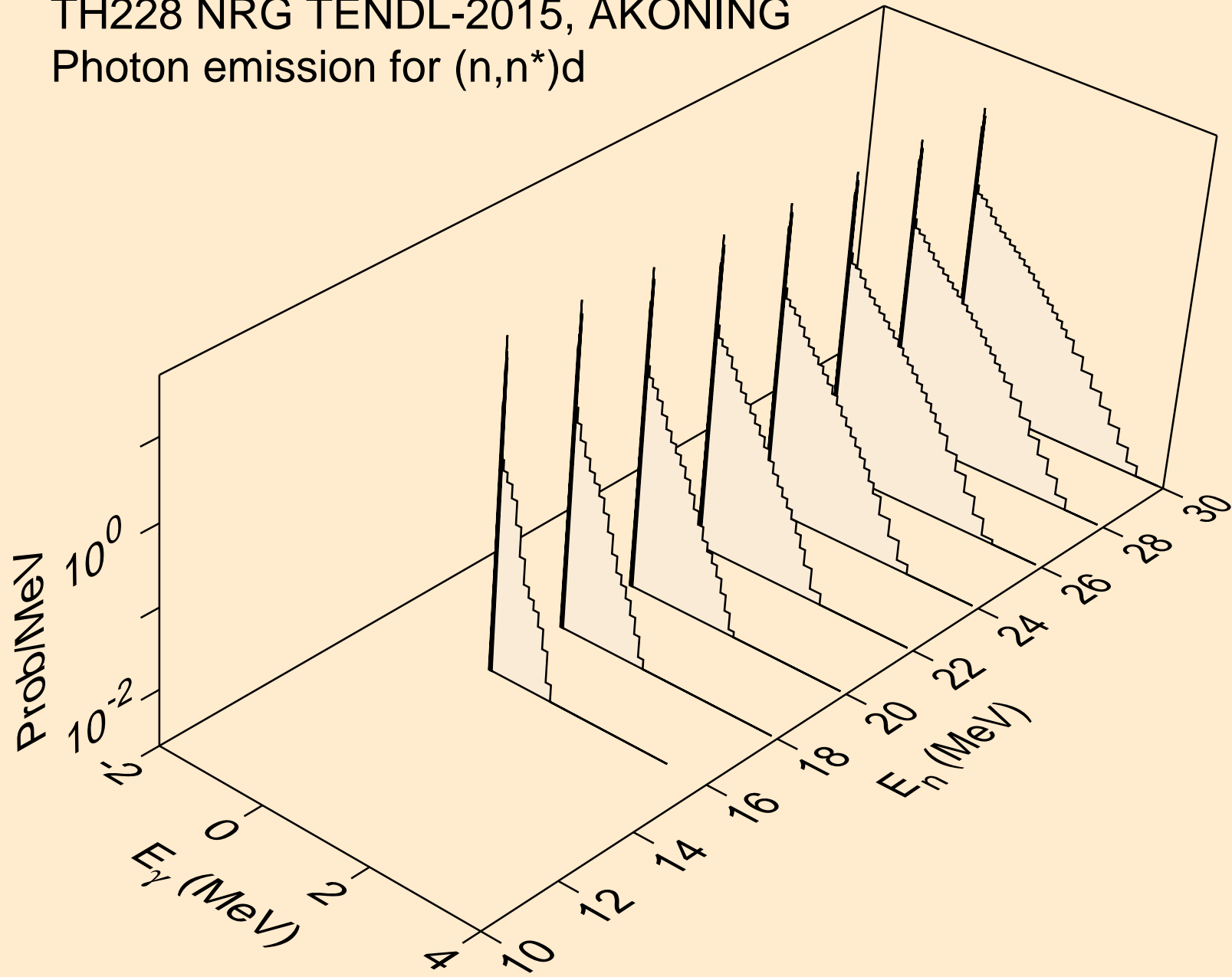




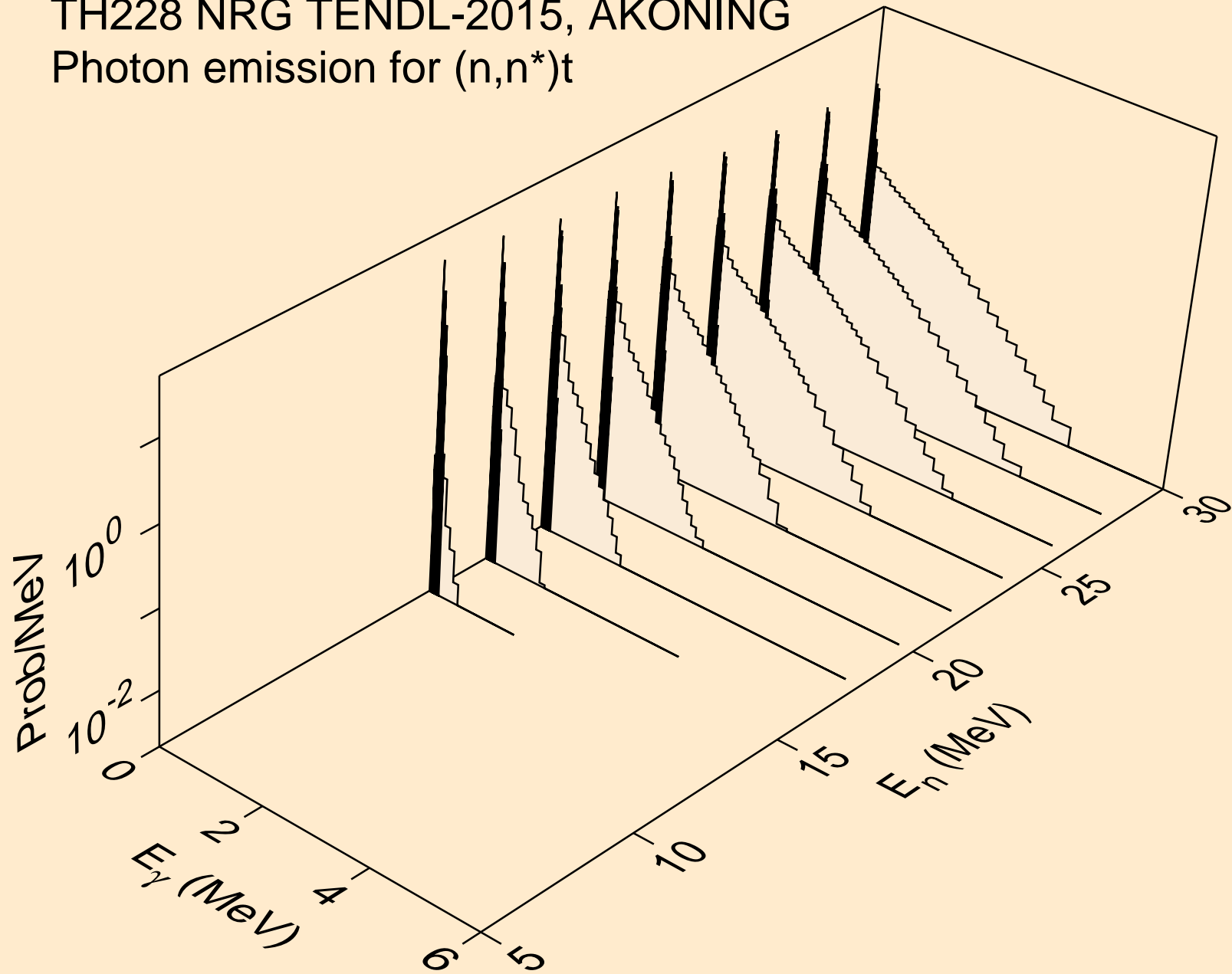
TH228 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



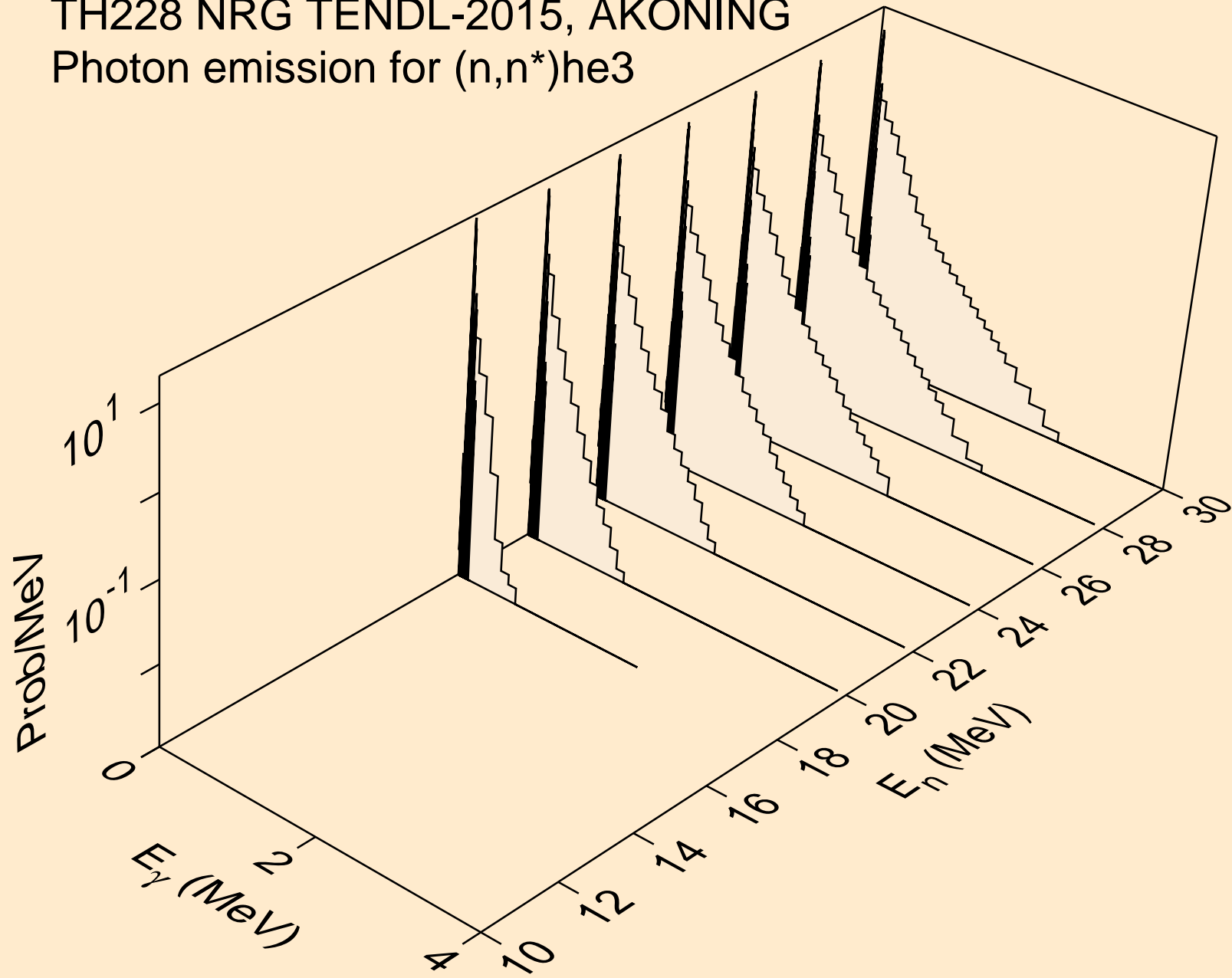
TH228 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



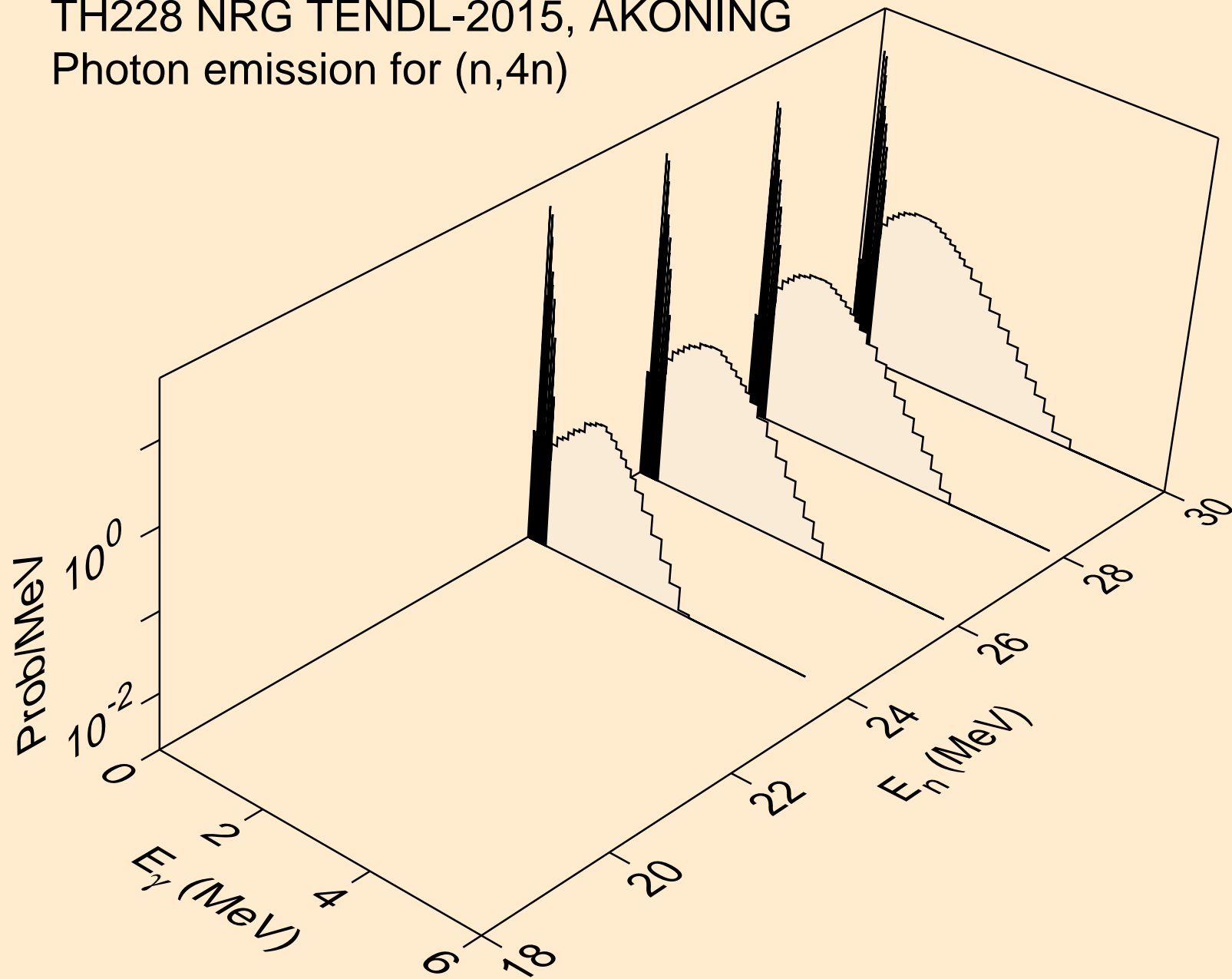
TH228 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



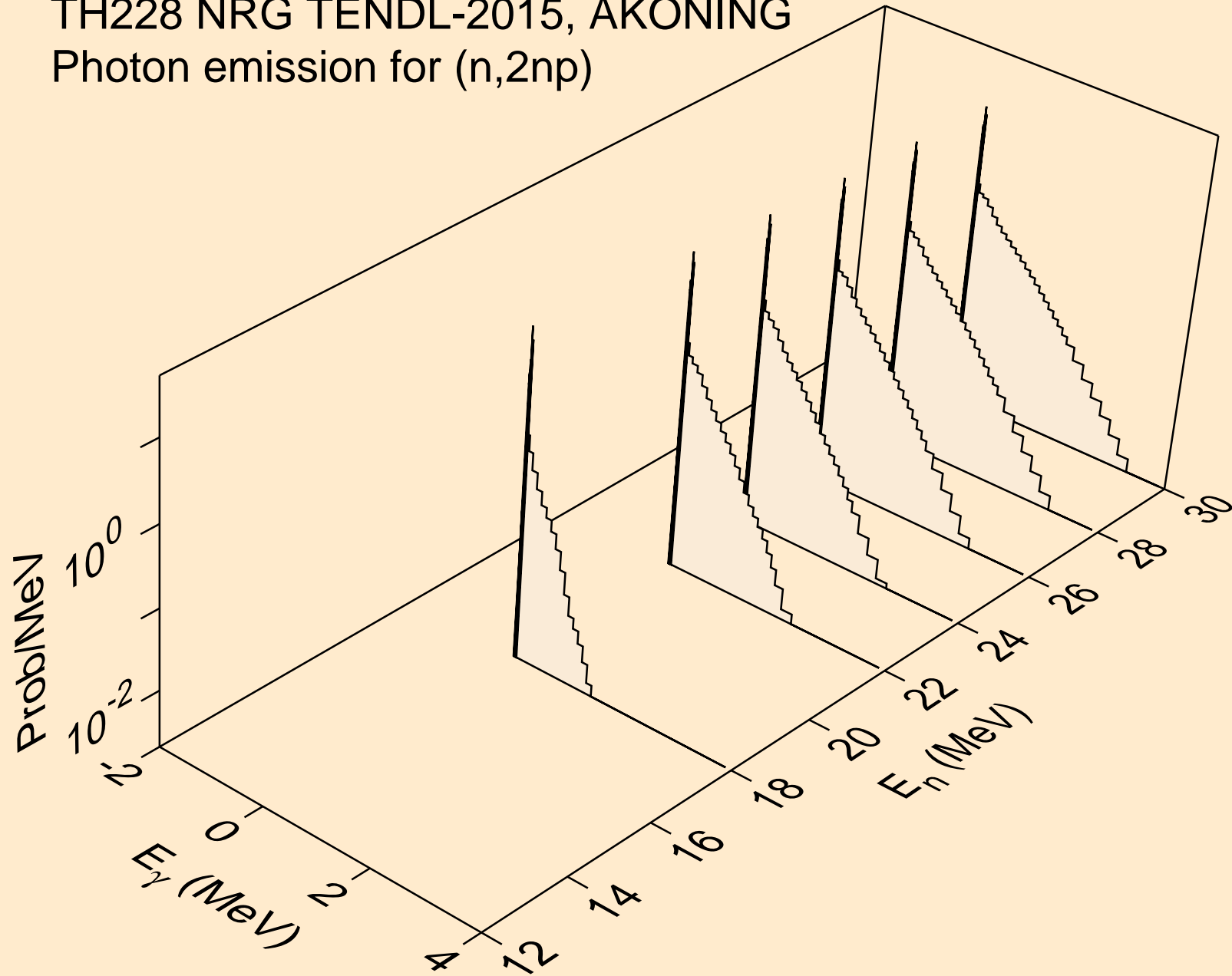
TH228 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



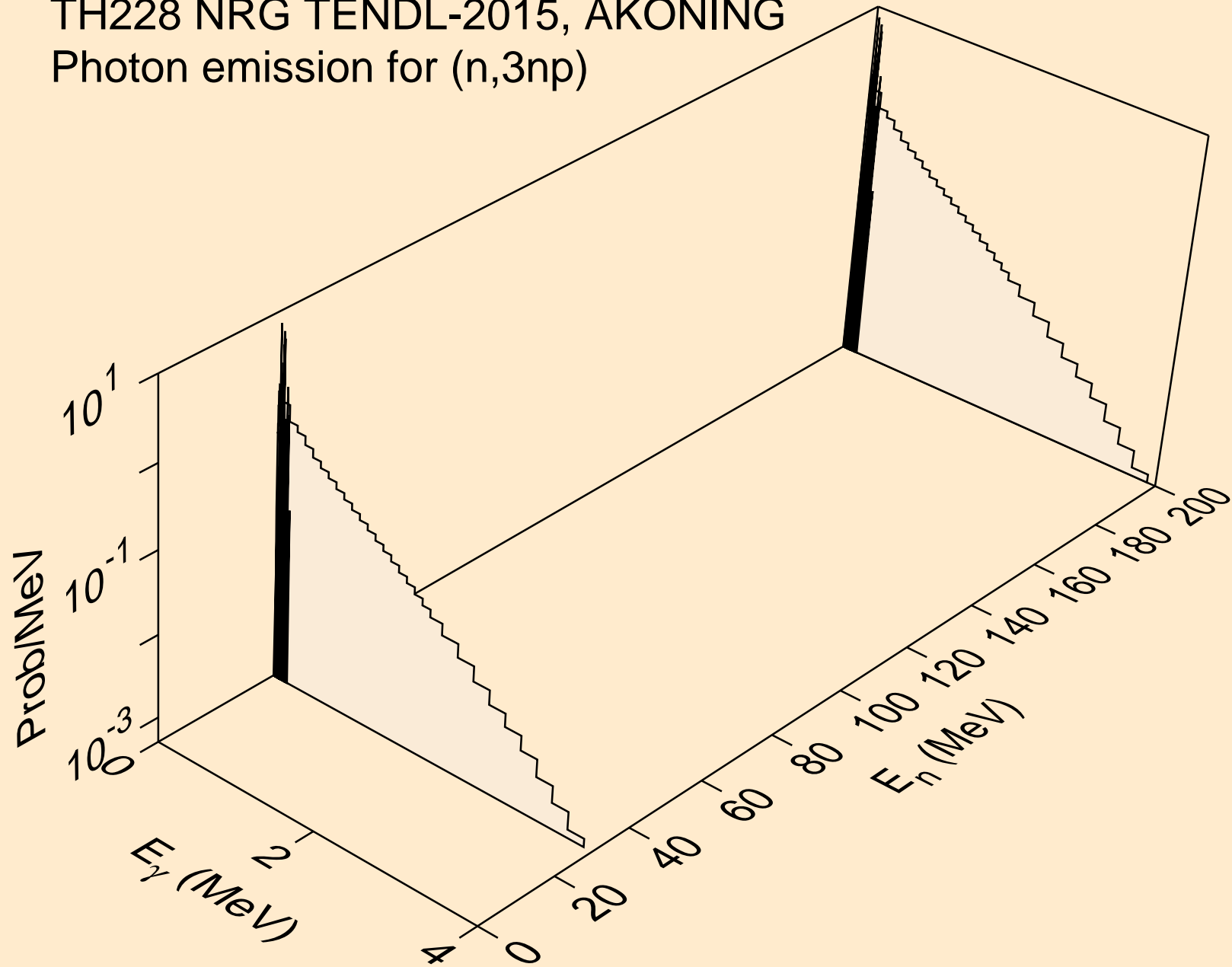
TH228 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



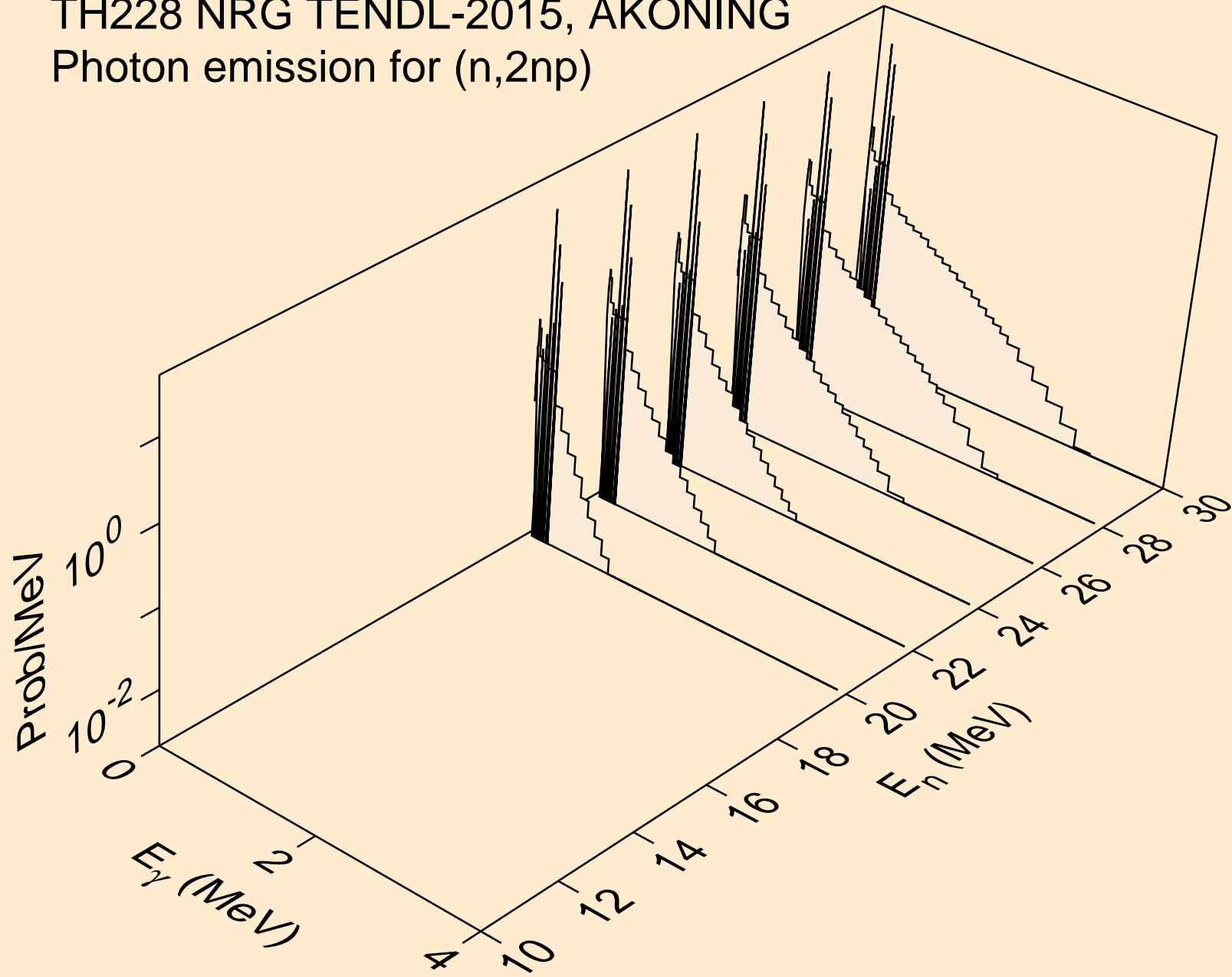
TH228 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



TH228 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

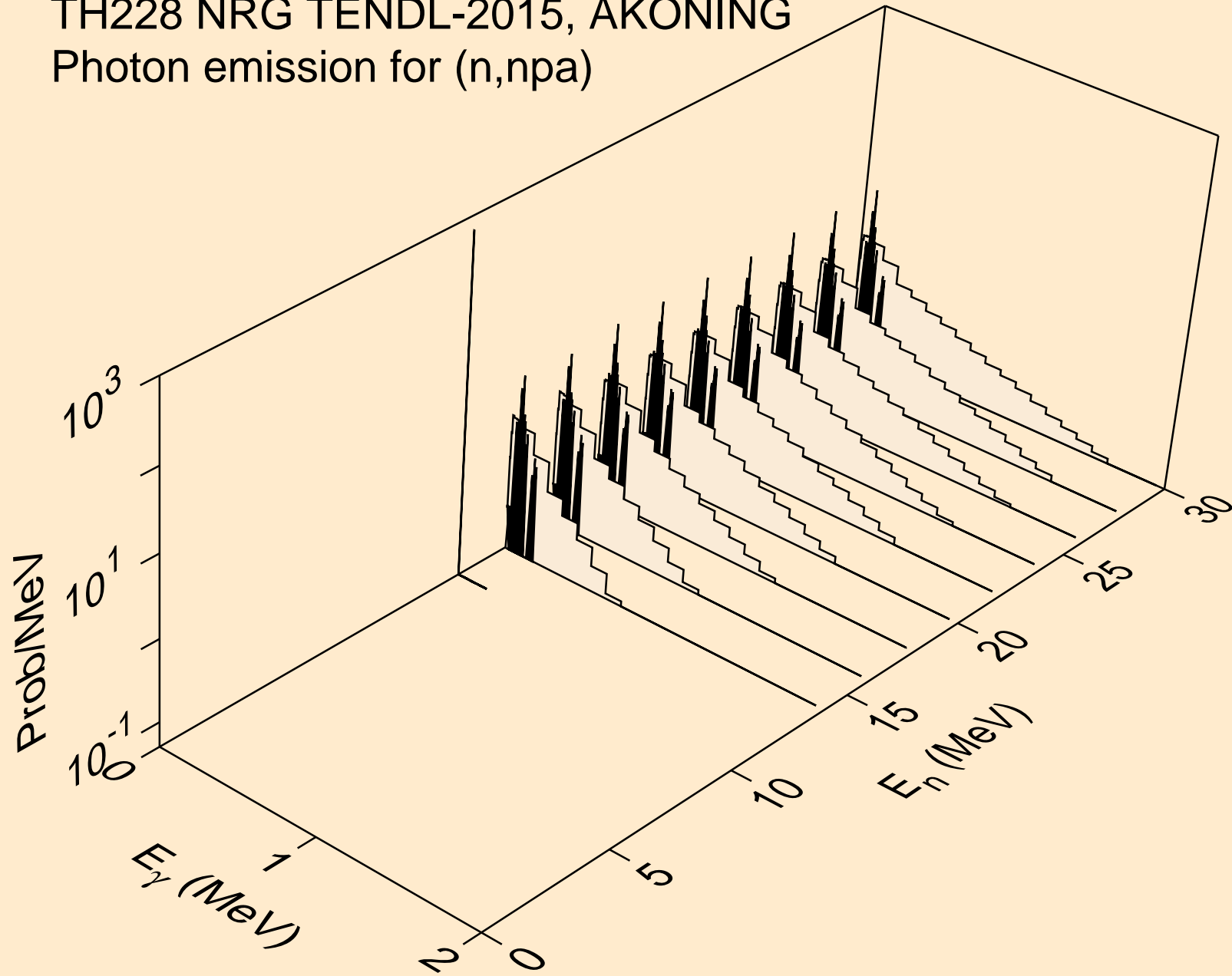


TH228 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

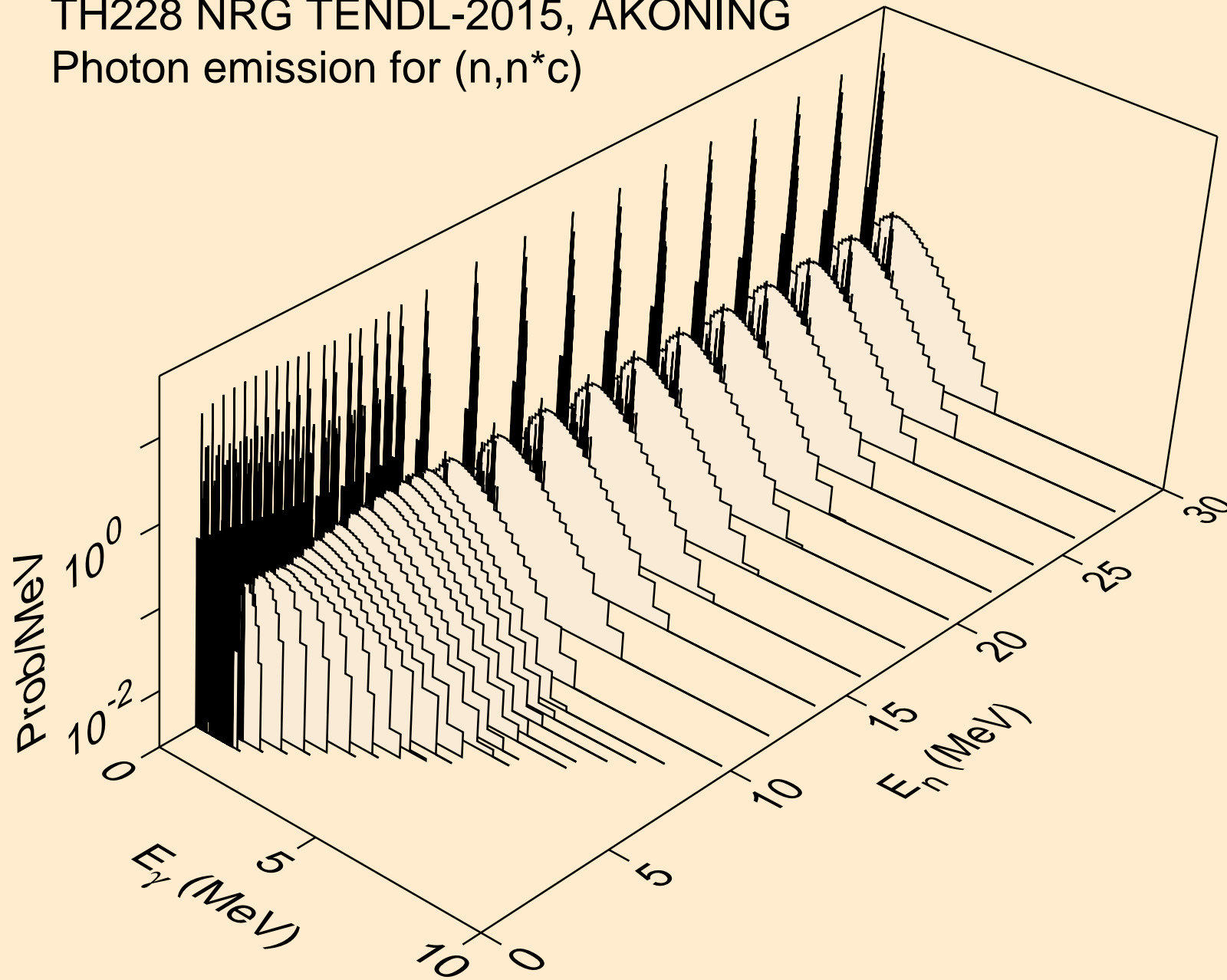




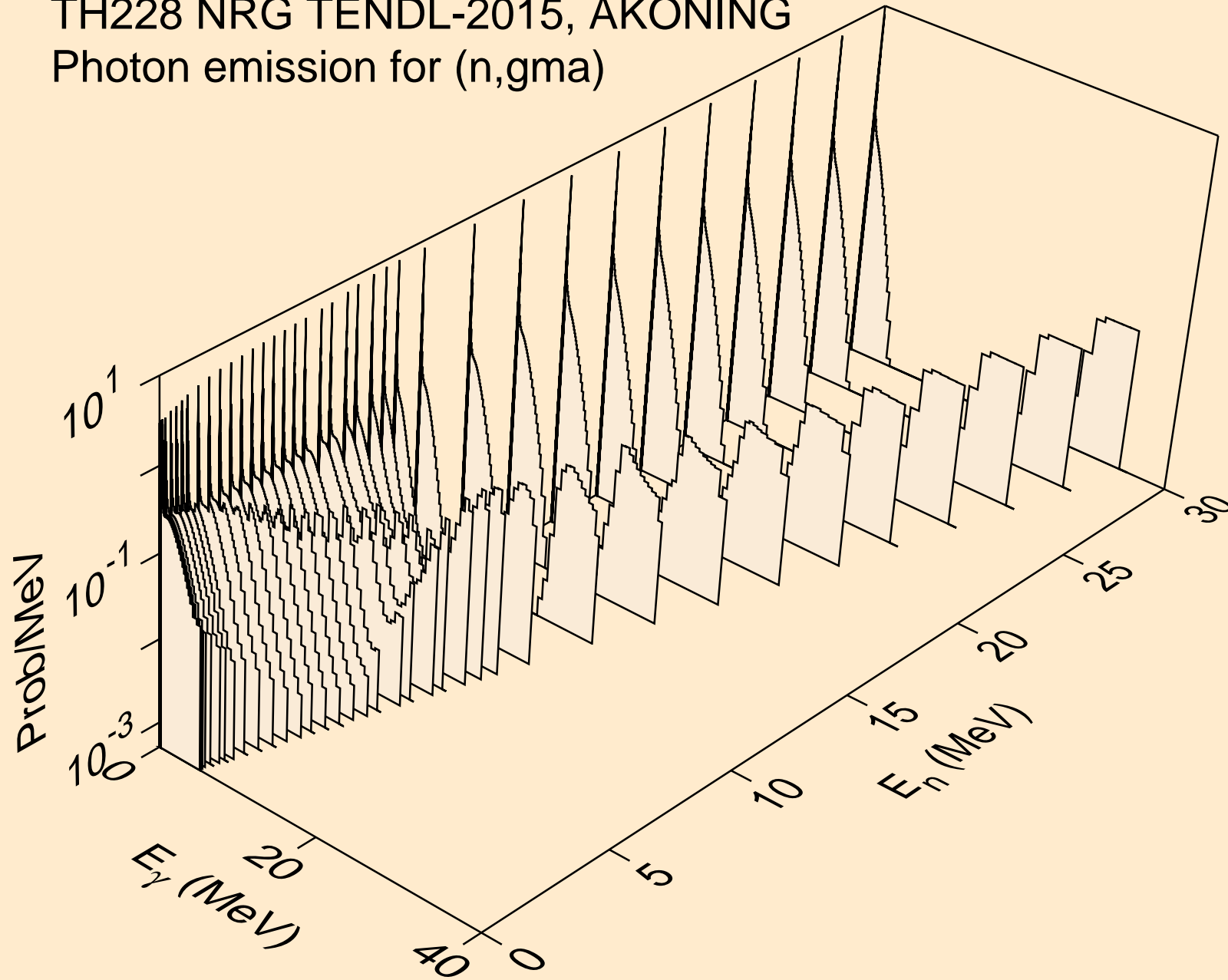
TH228 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



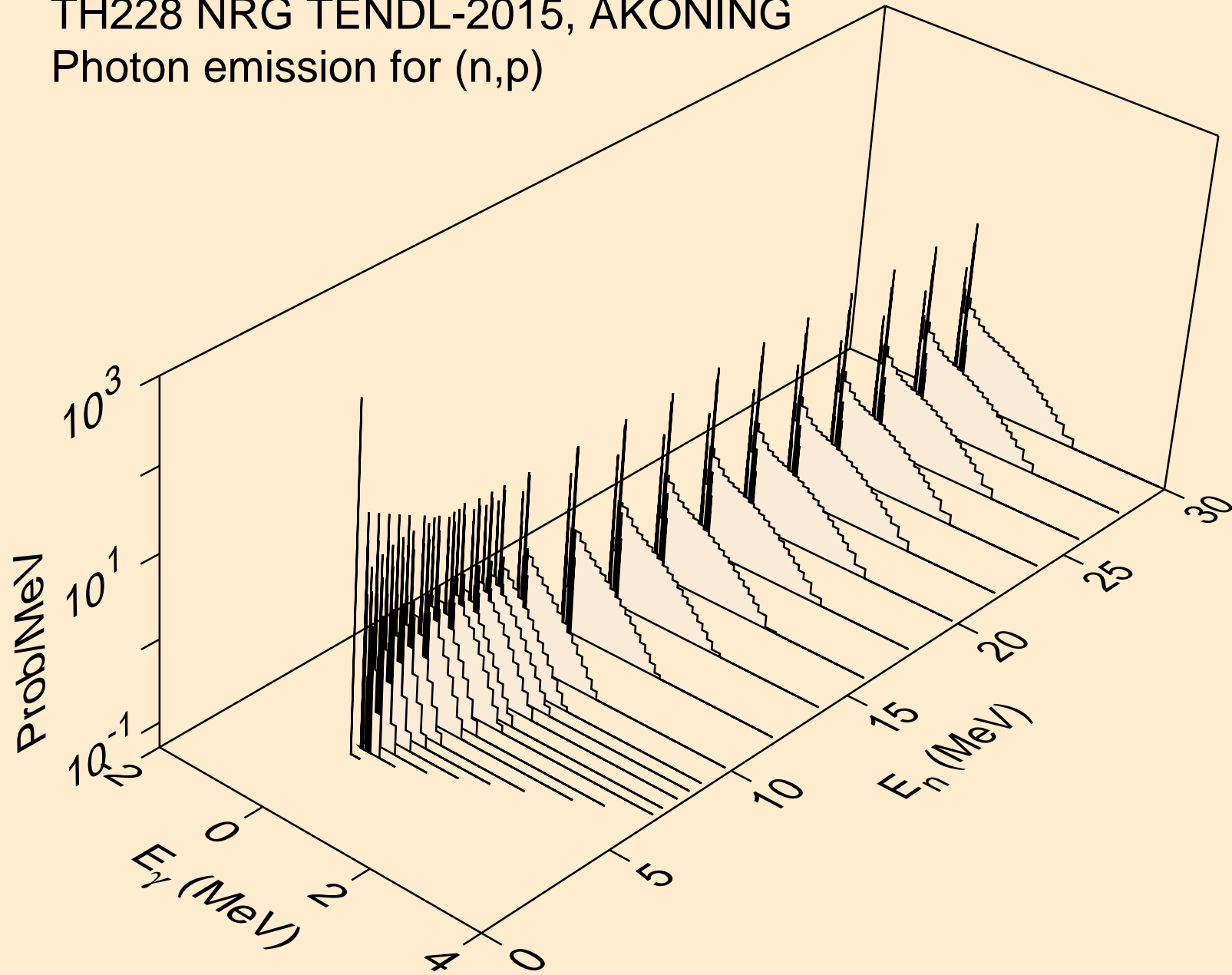
TH228 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



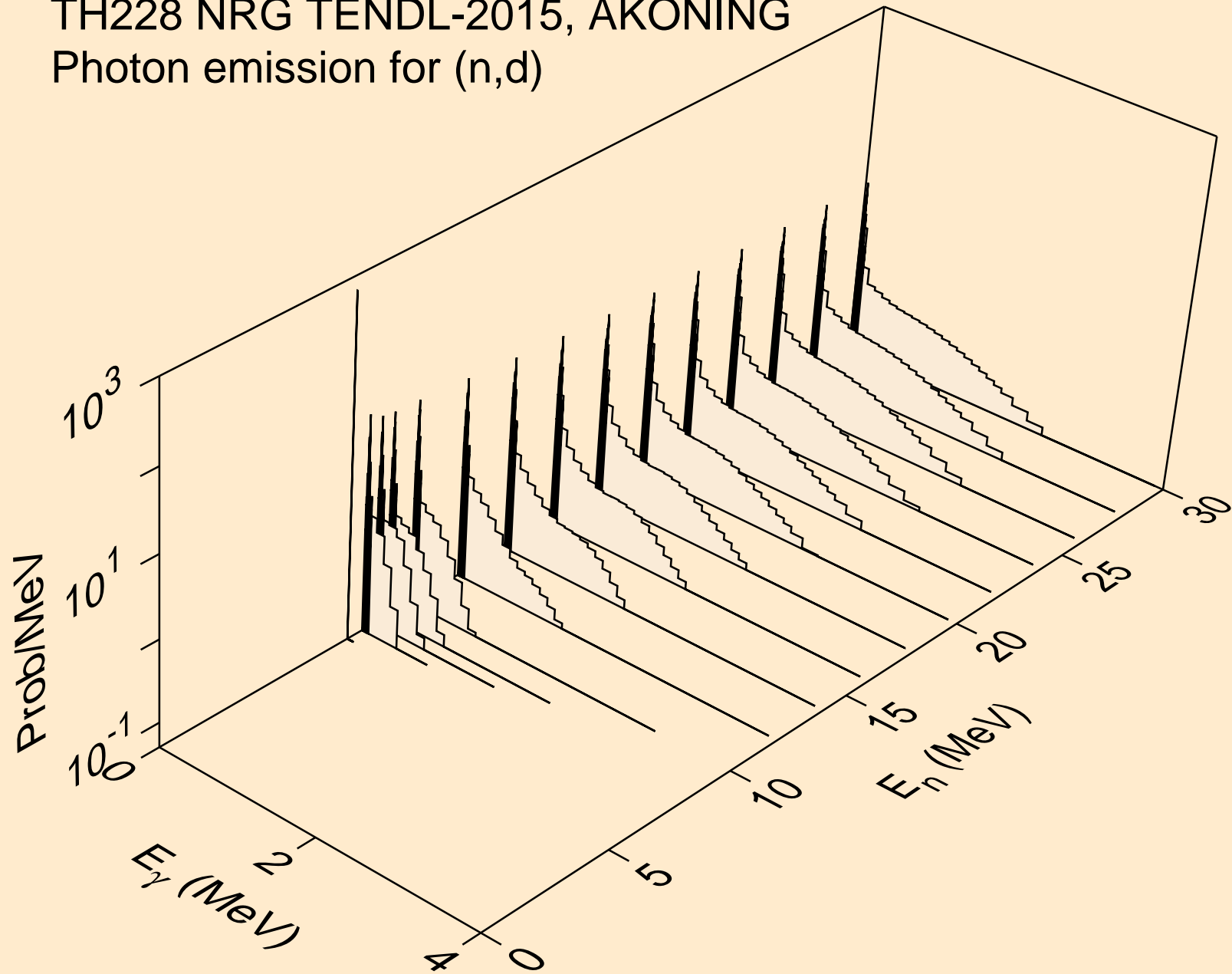
TH228 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



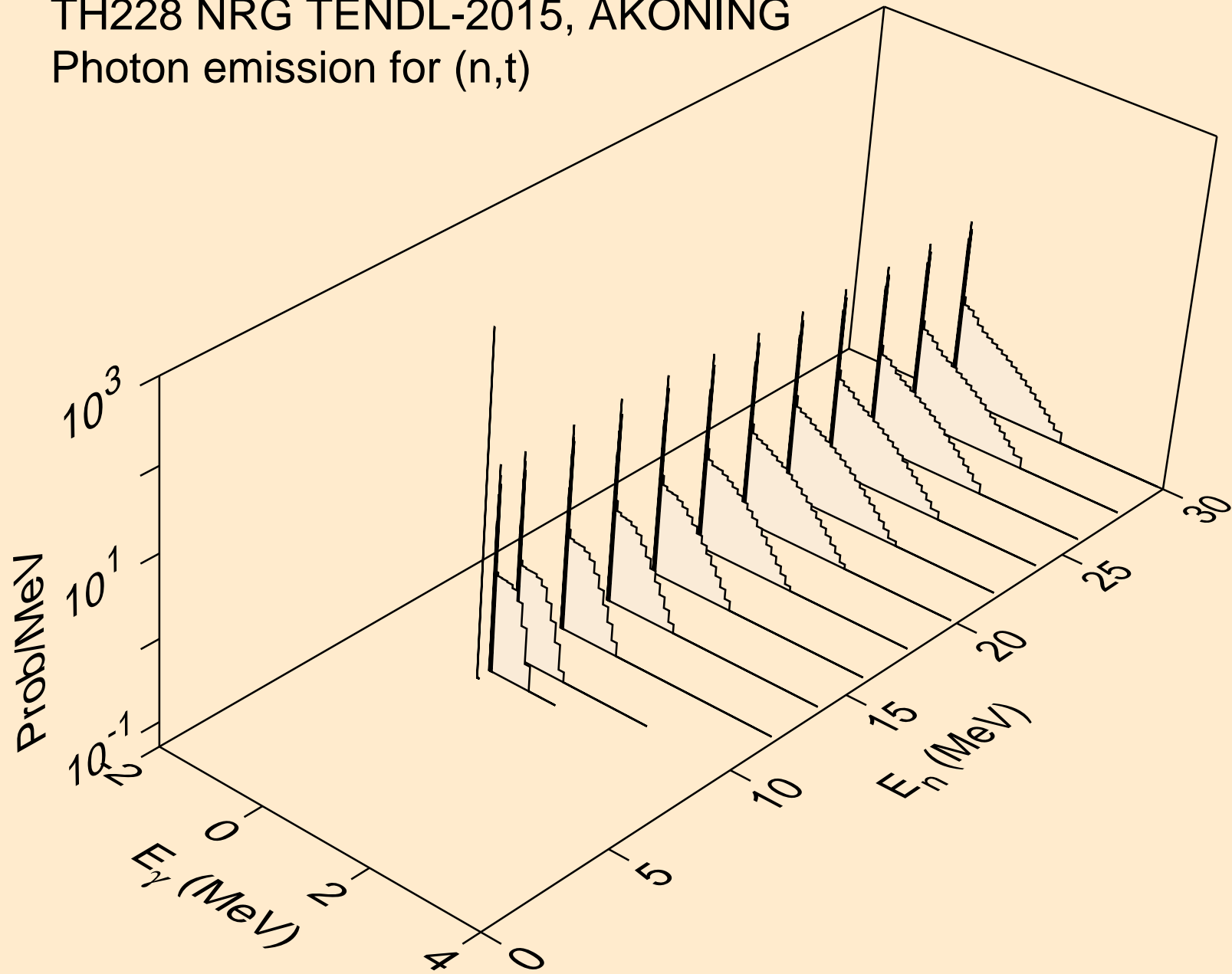
TH228 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



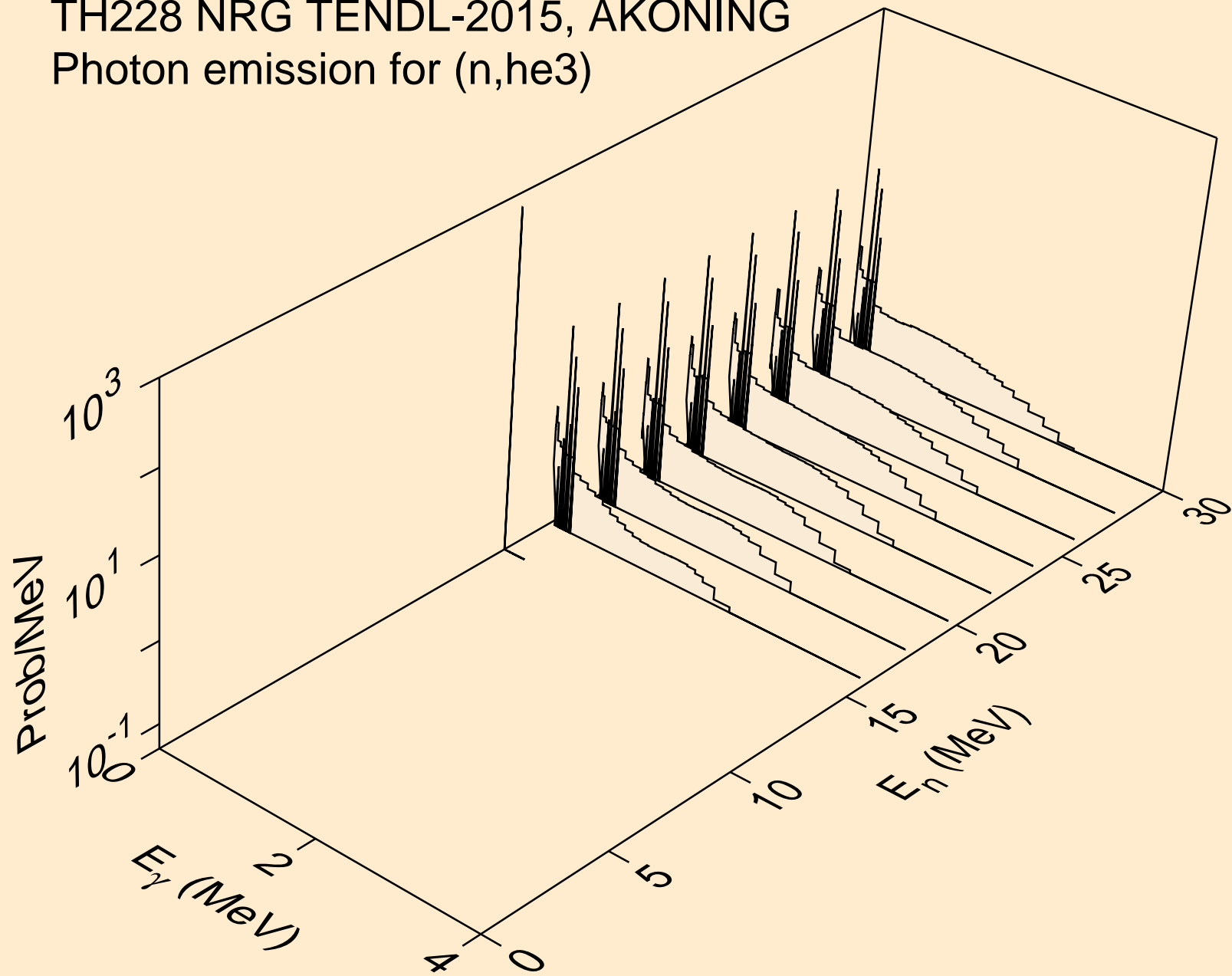
TH228 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



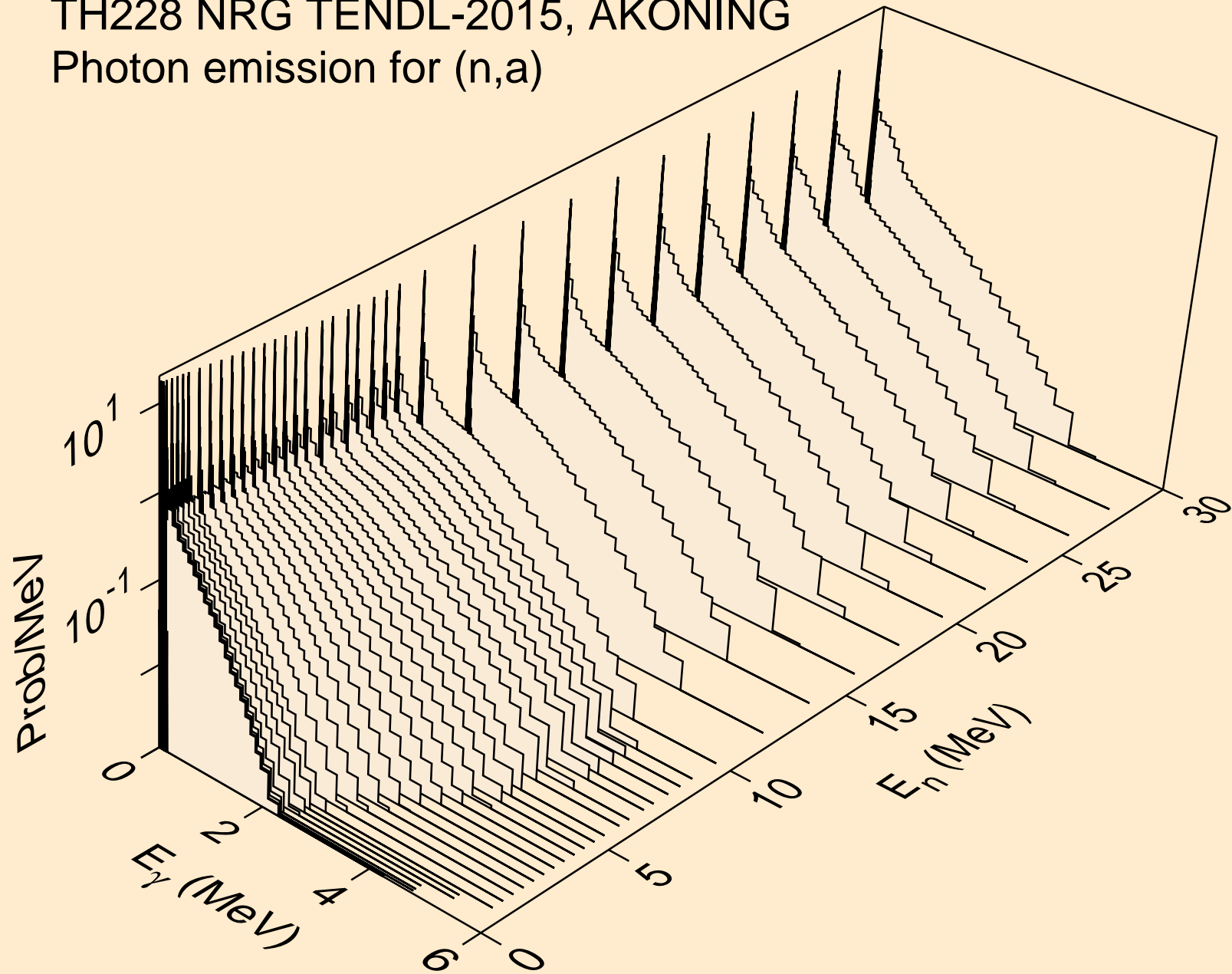
TH228 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



TH228 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

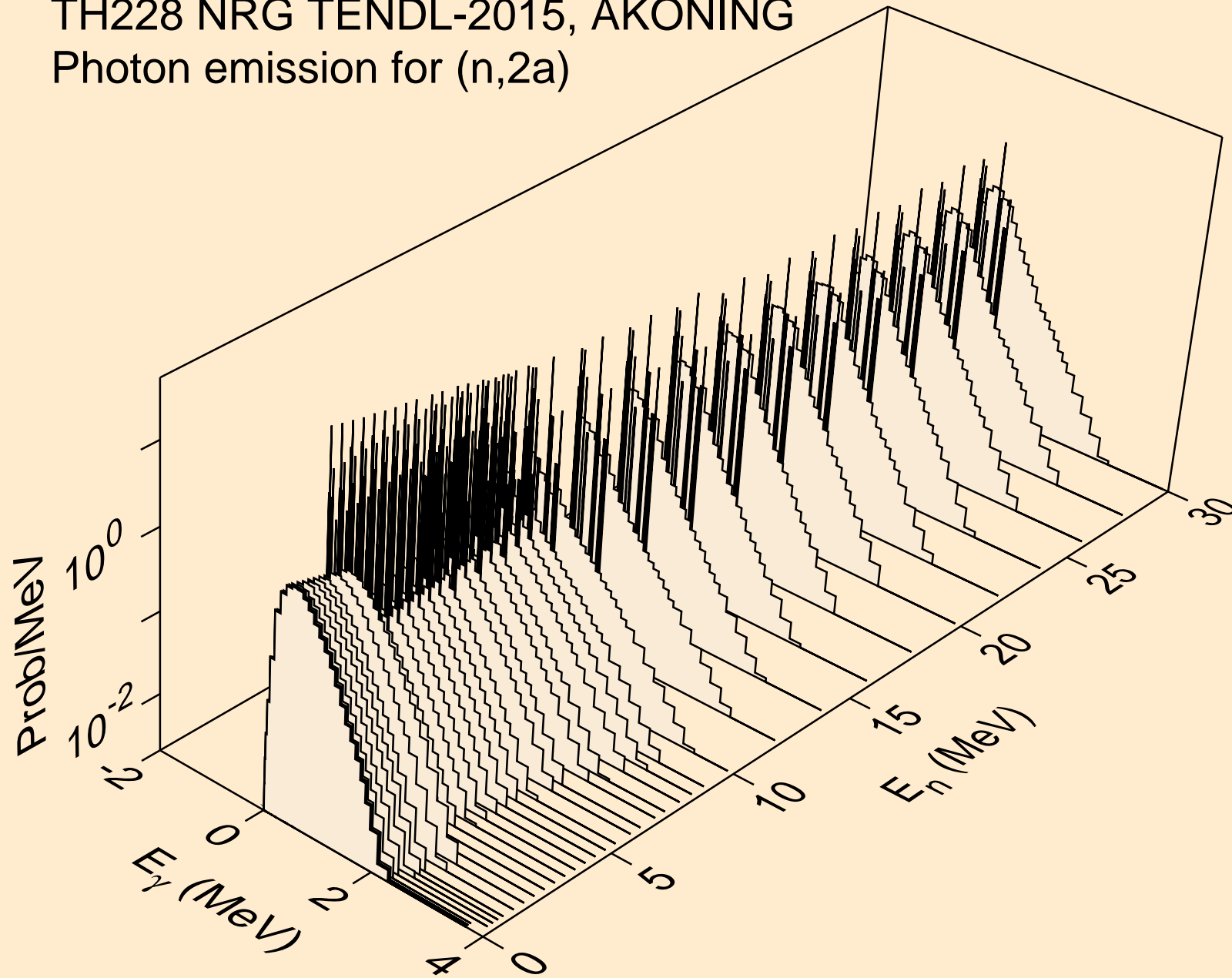


TH228 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

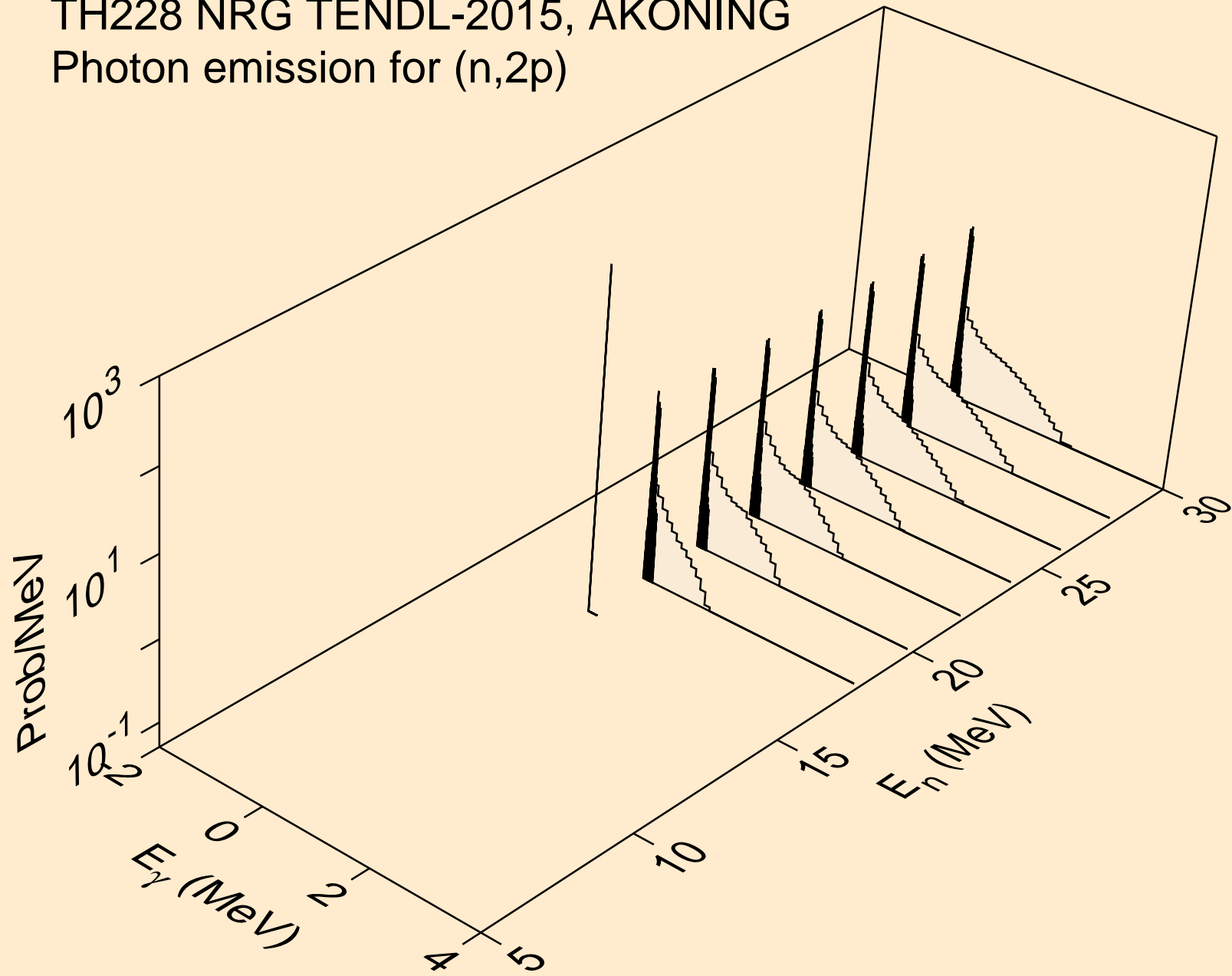




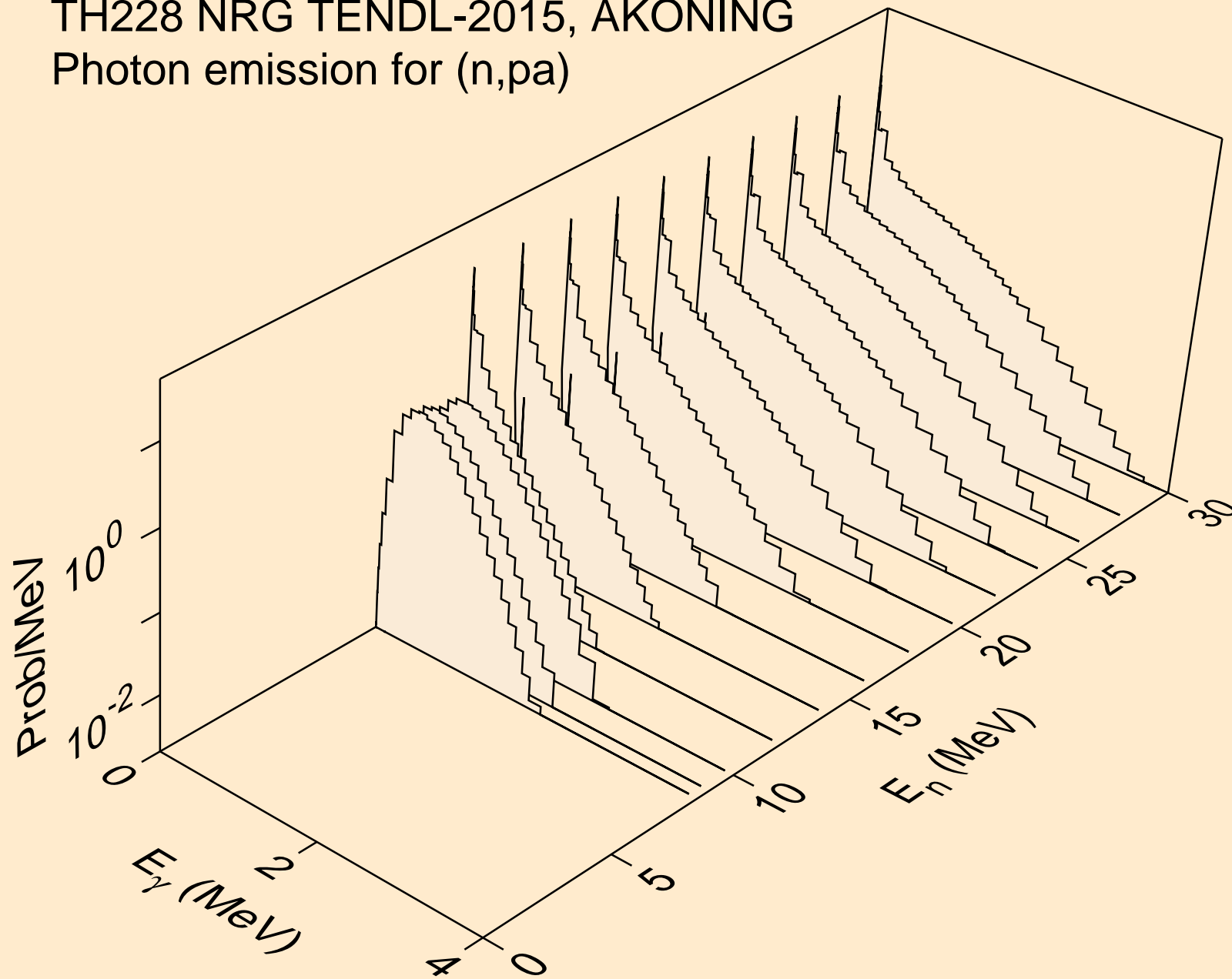
TH228 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



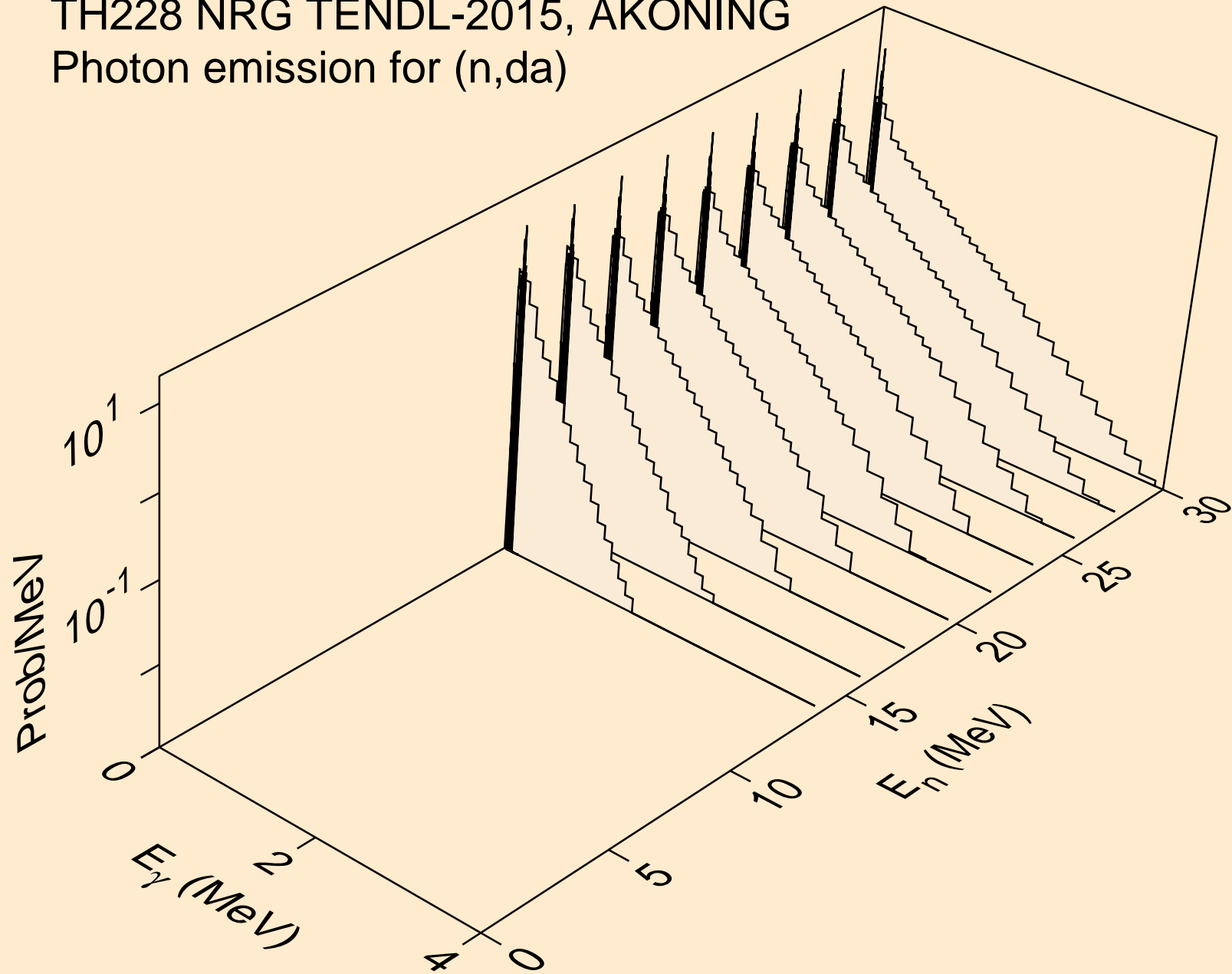
TH228 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



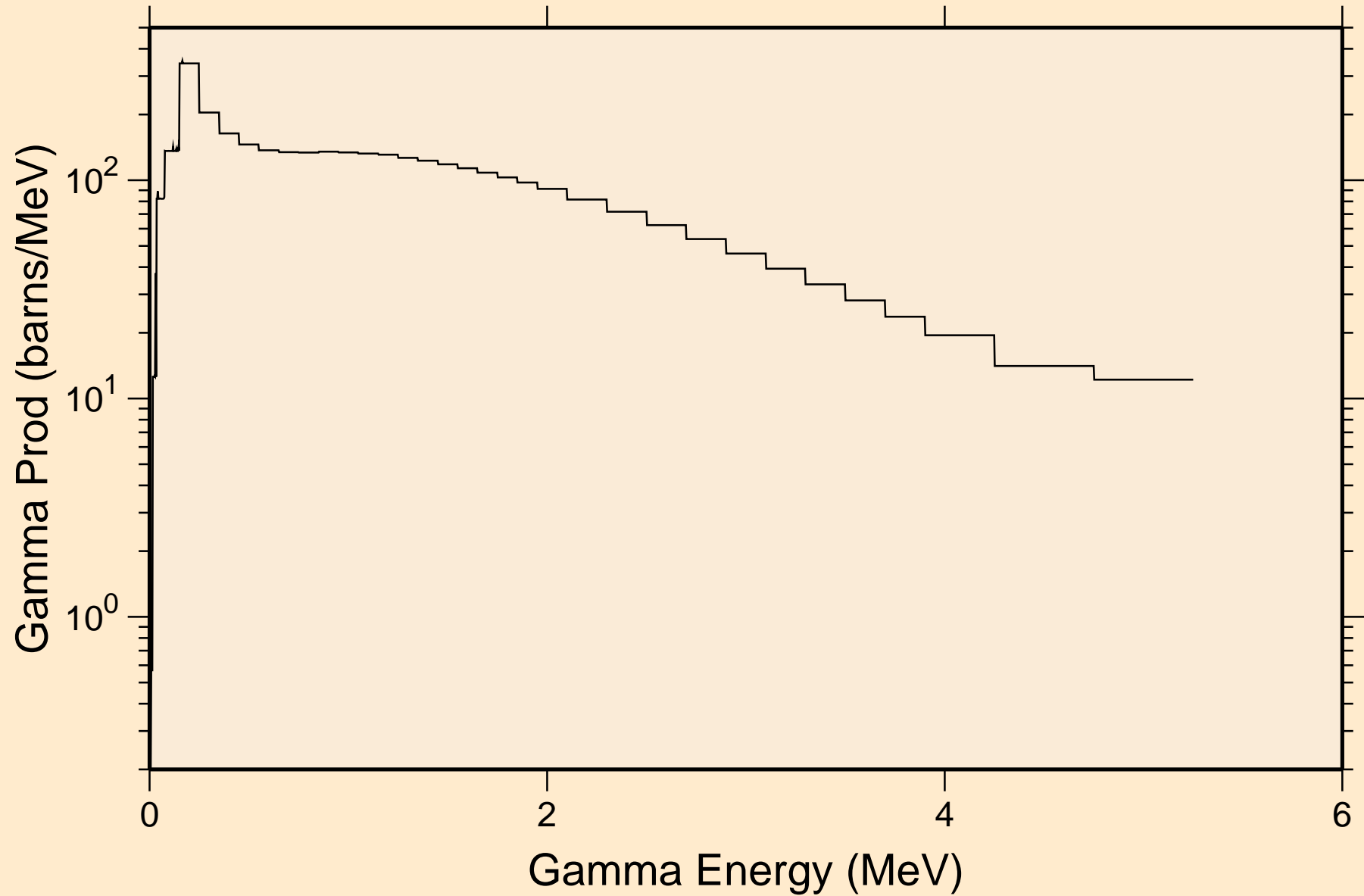
TH228 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



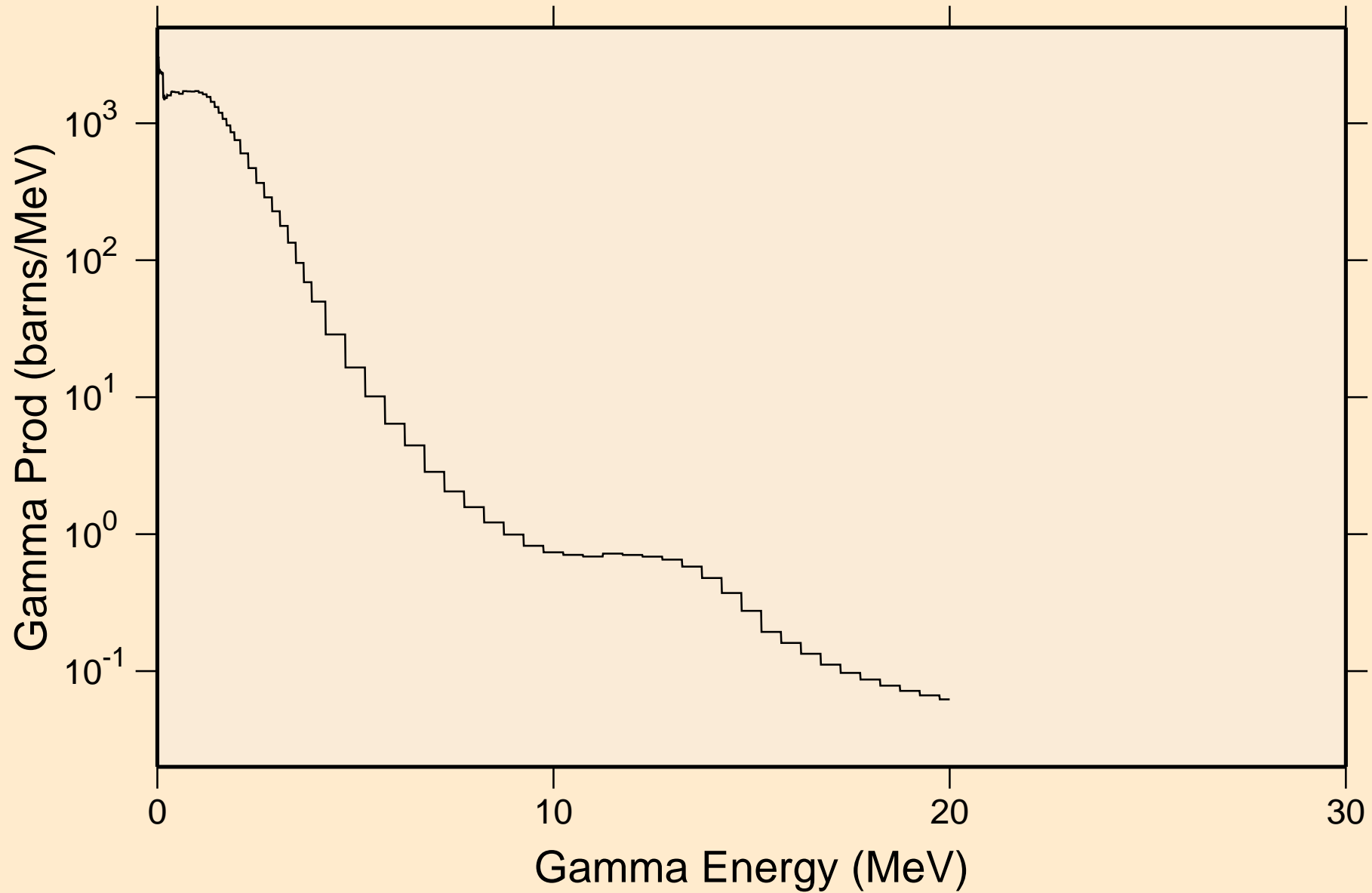
TH228 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



TH228 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

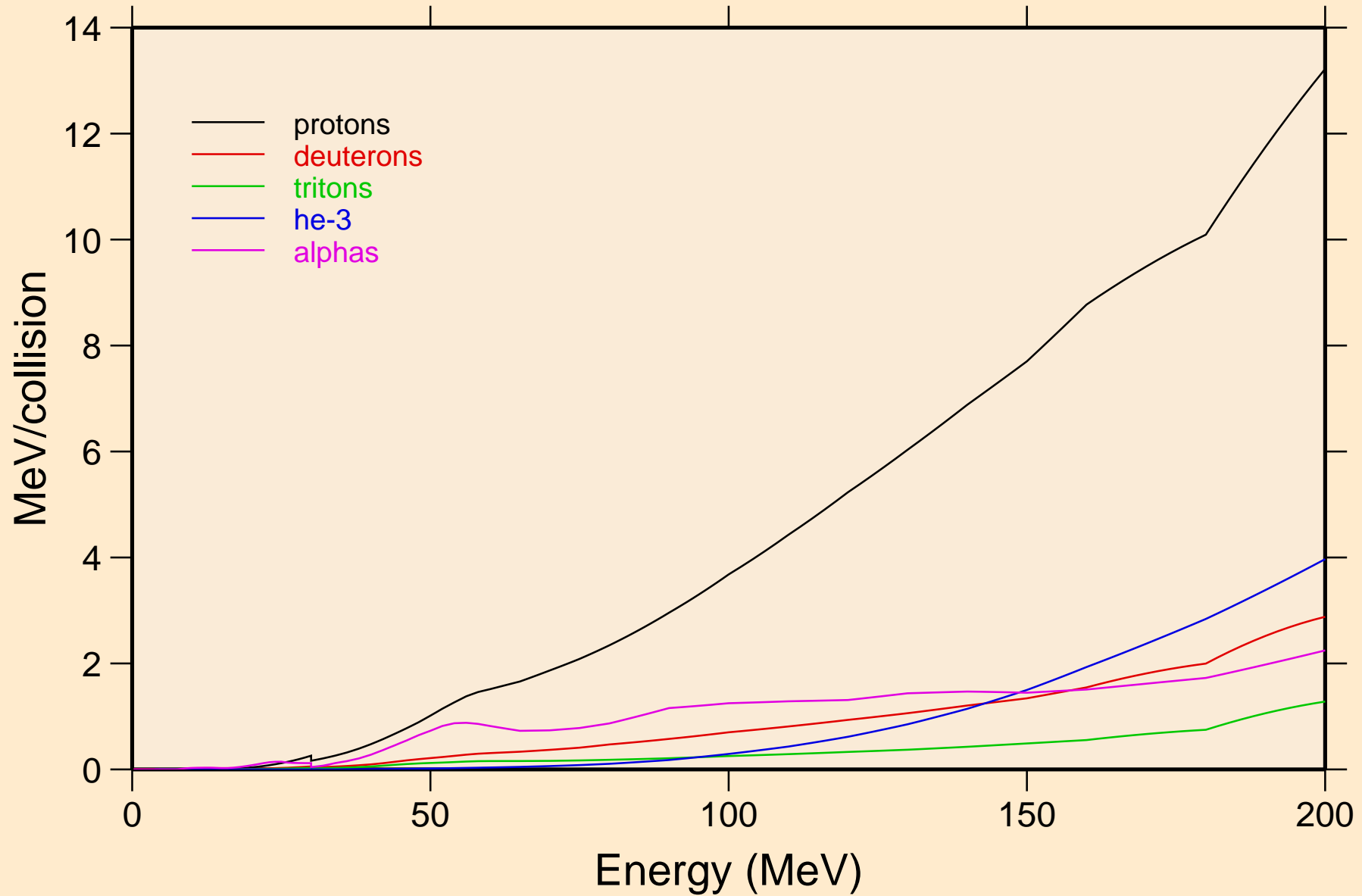


TH228 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



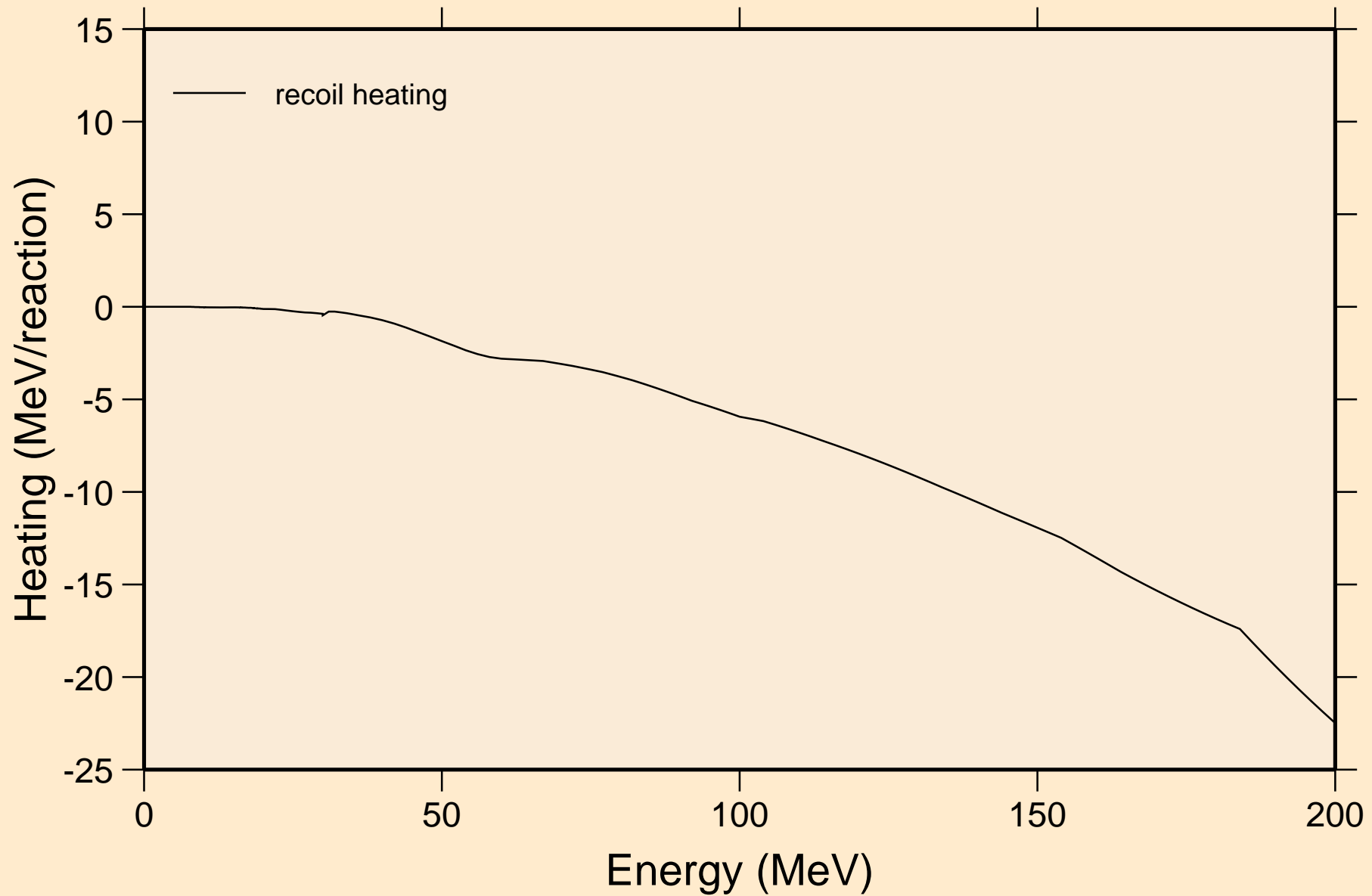
# TH228 NRG TENDL-2015, AKONING

## Particle heating contributions



# TH228 NRG TENDL-2015, AKONING

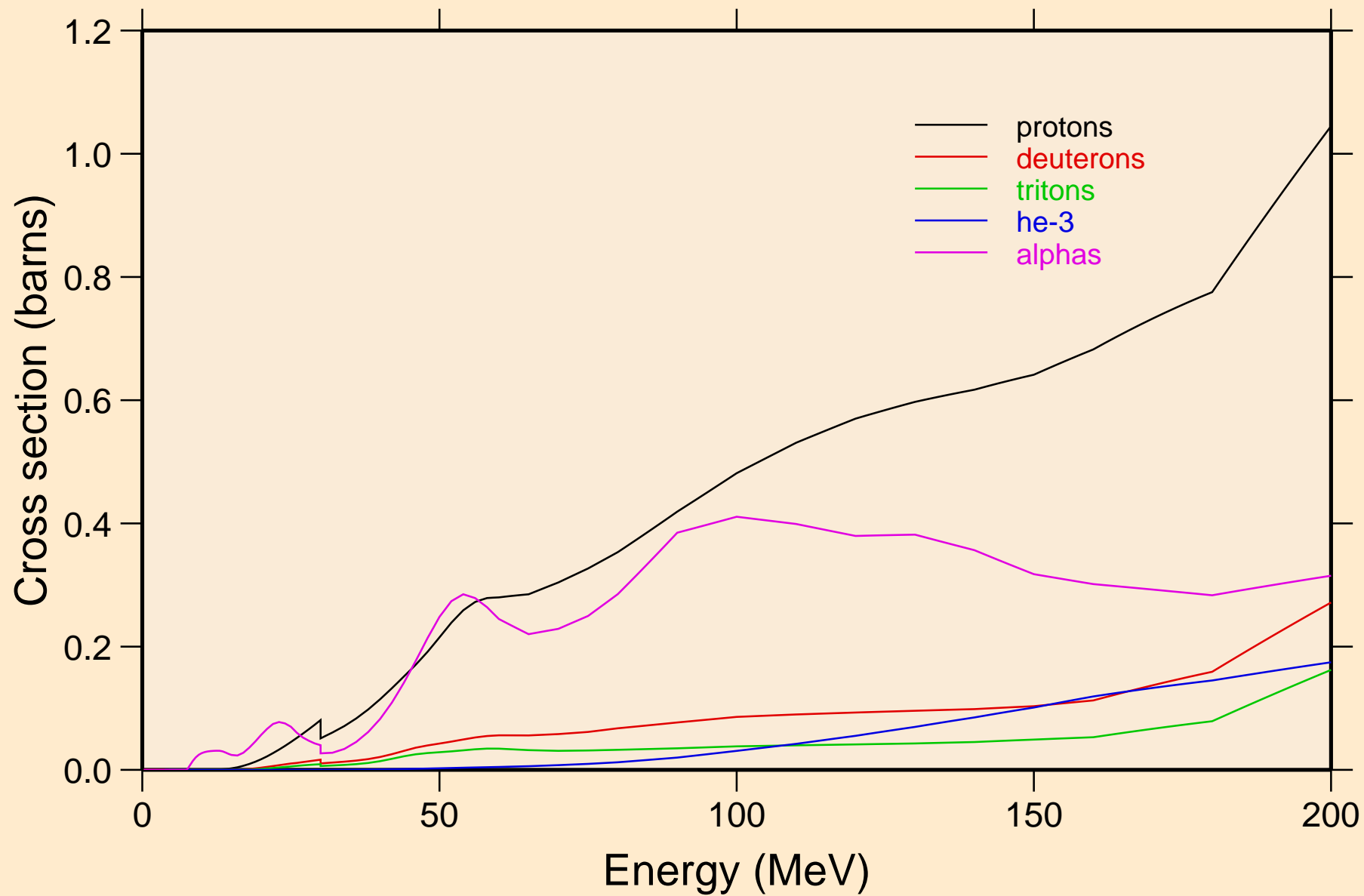
## Recoil Heating



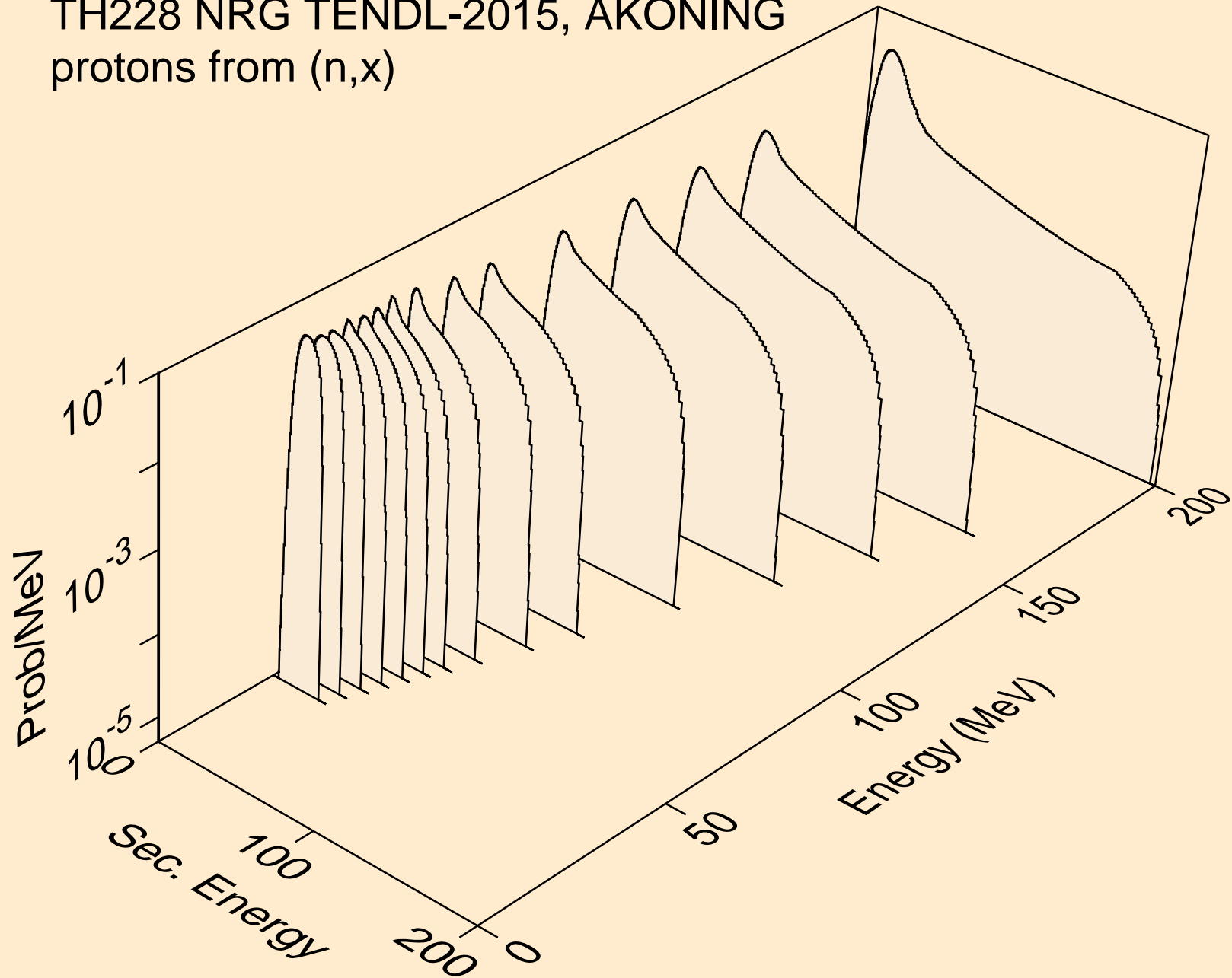


# TH228 NRG TENDL-2015, AKONING

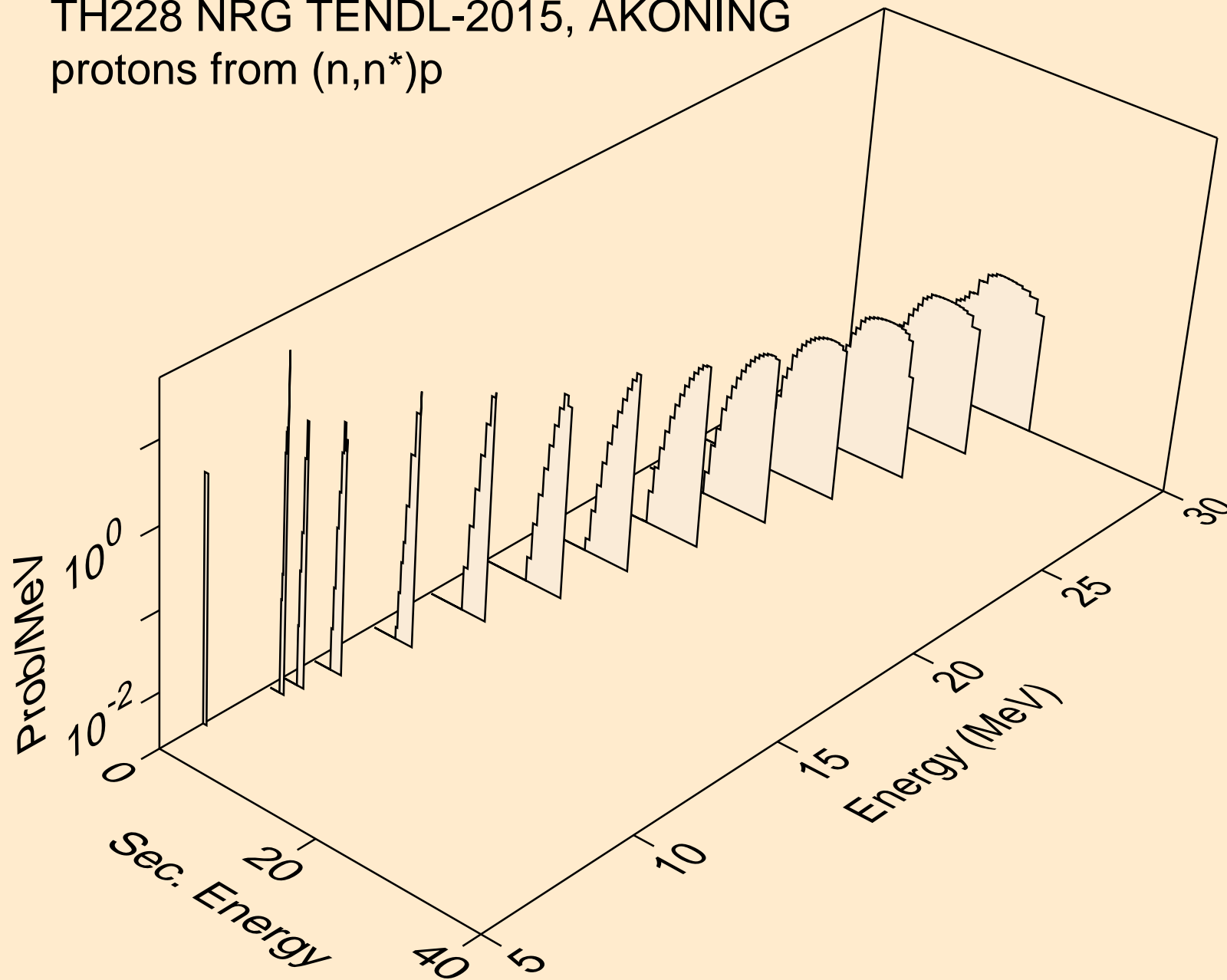
## Particle production cross sections



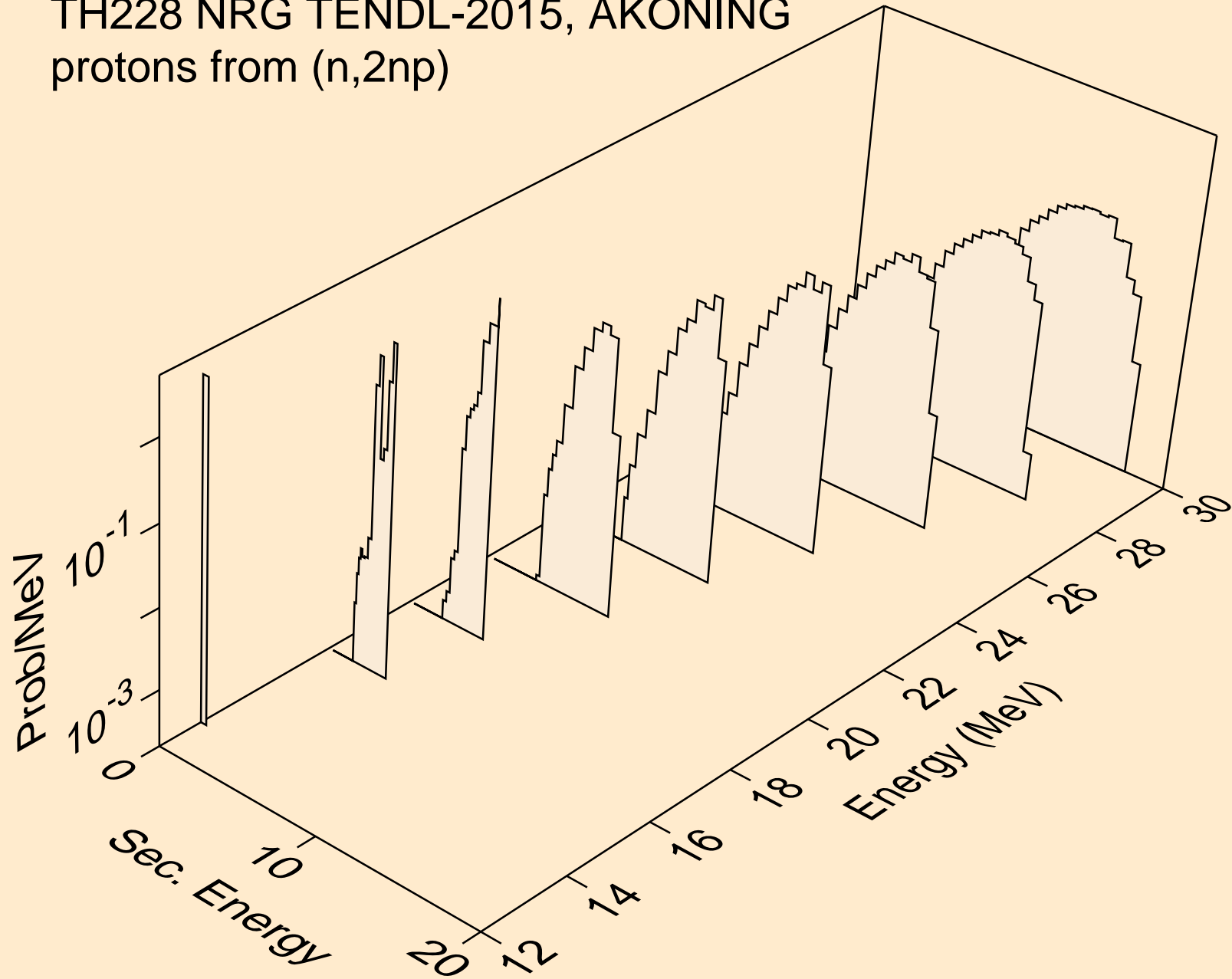
TH228 NRG TENDL-2015, AKONING  
protons from (n,x)



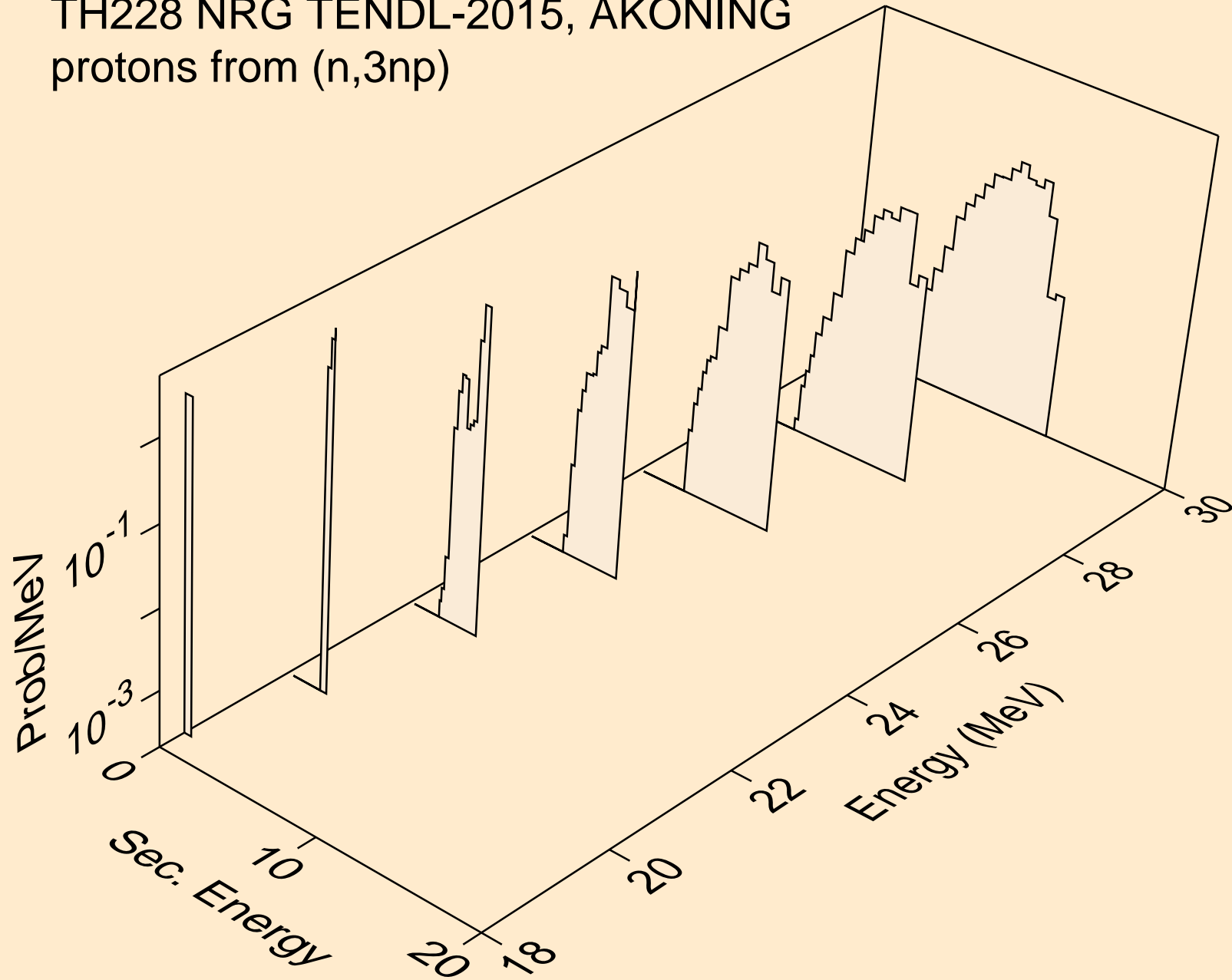
TH228 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



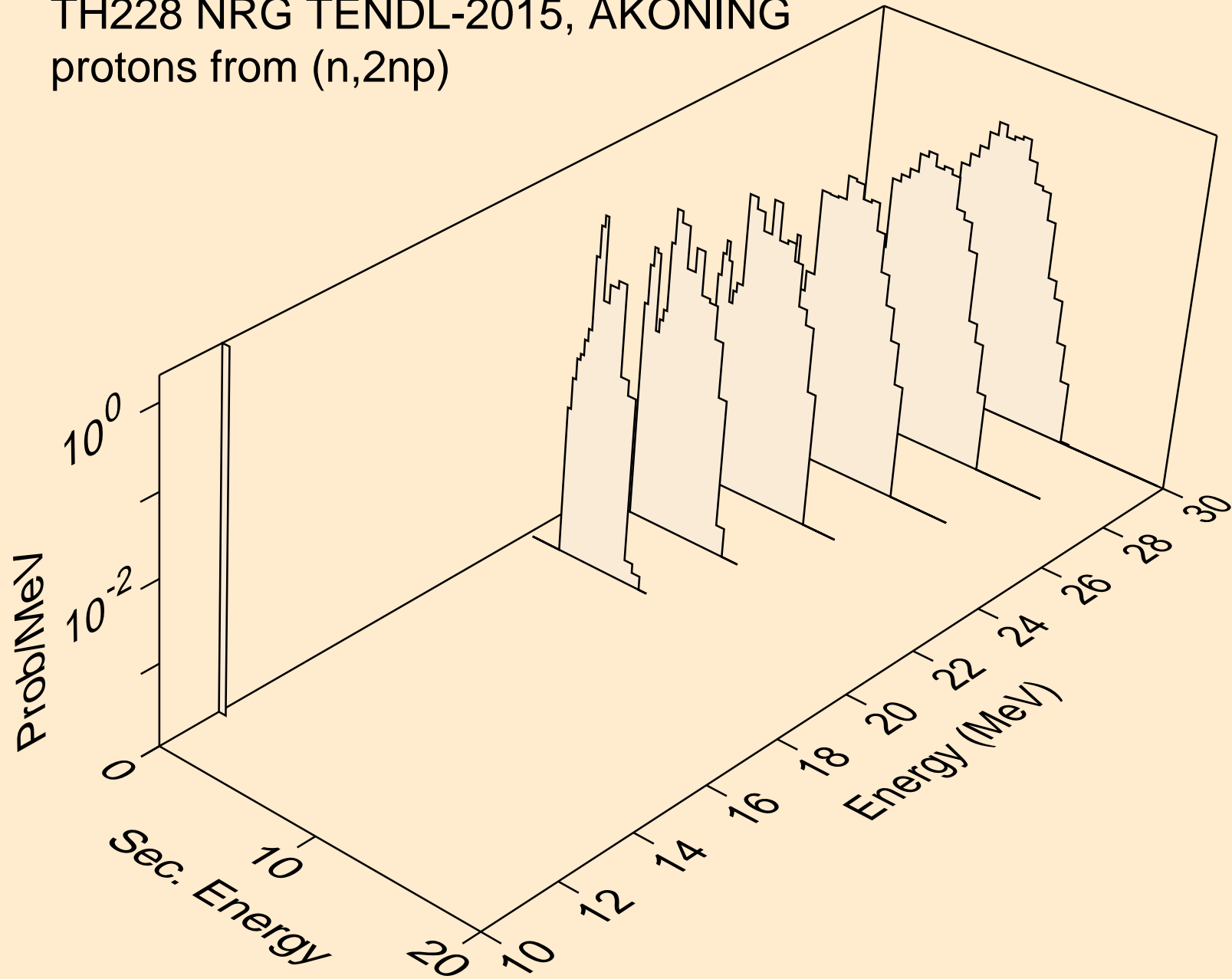
TH228 NRG TENDL-2015, AKONING  
protons from (n,2np)



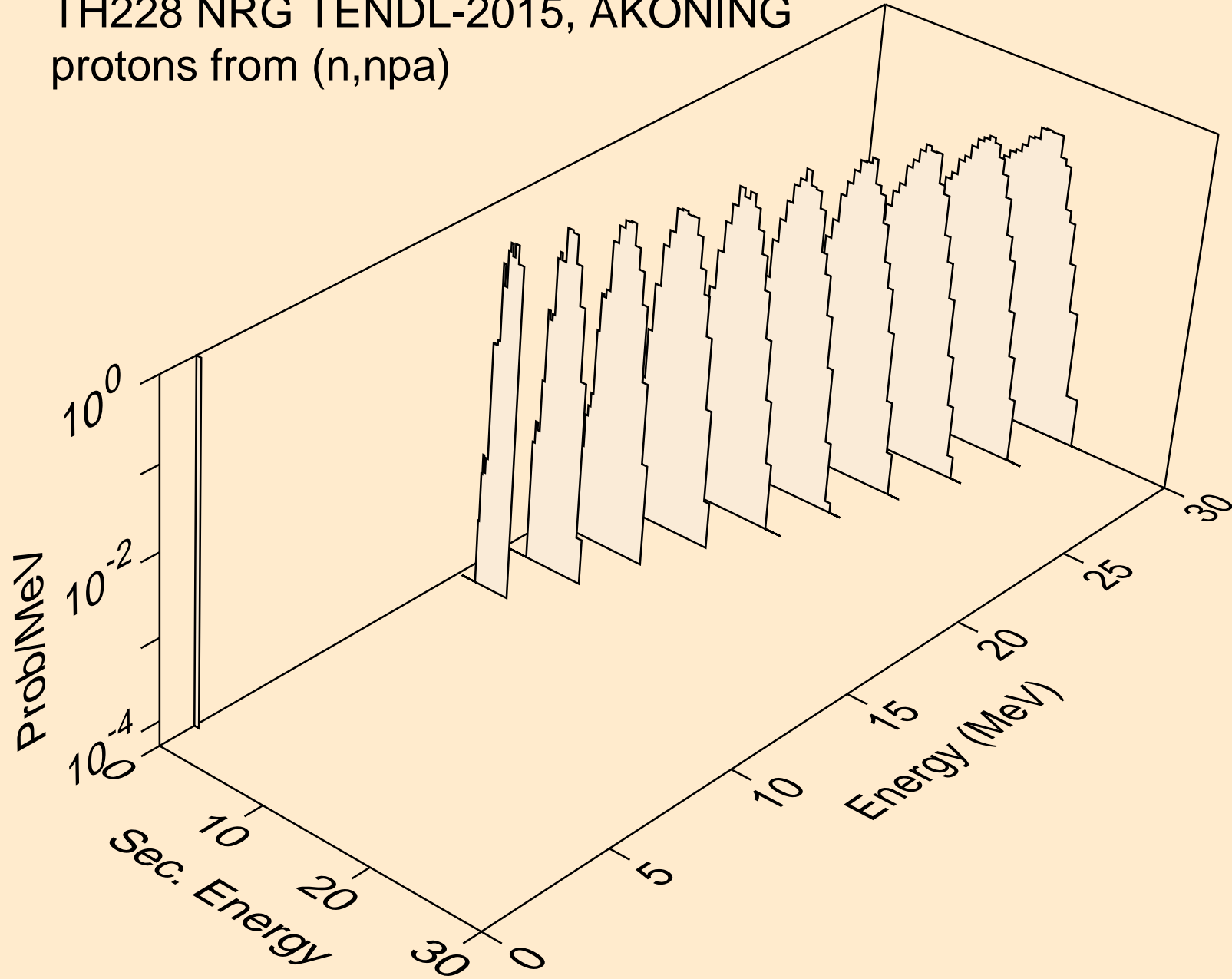
TH228 NRG TENDL-2015, AKONING  
protons from (n,3np)



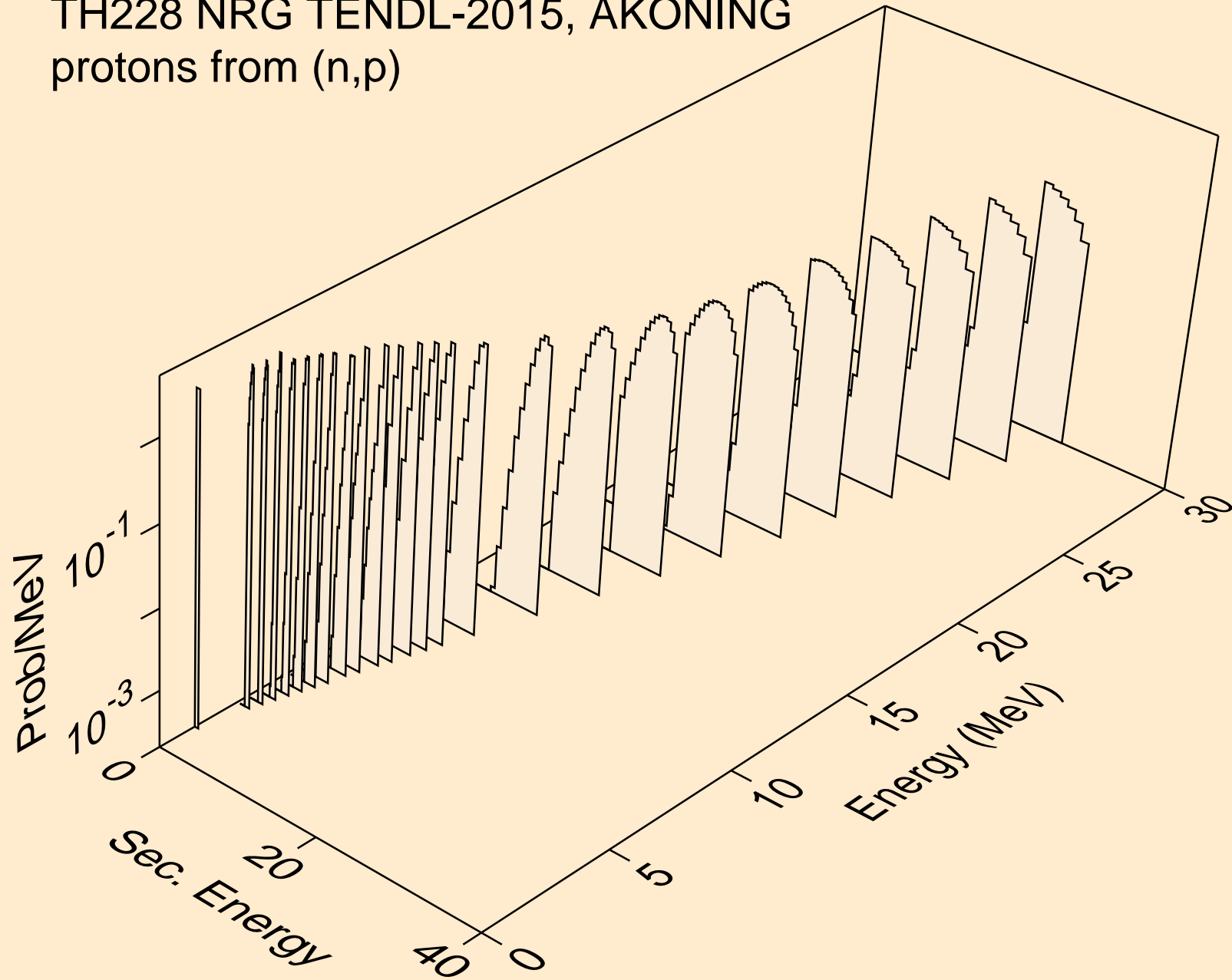
TH228 NRG TENDL-2015, AKONING  
protons from (n,2np)



TH228 NRG TENDL-2015, AKONING  
protons from (n,npa)

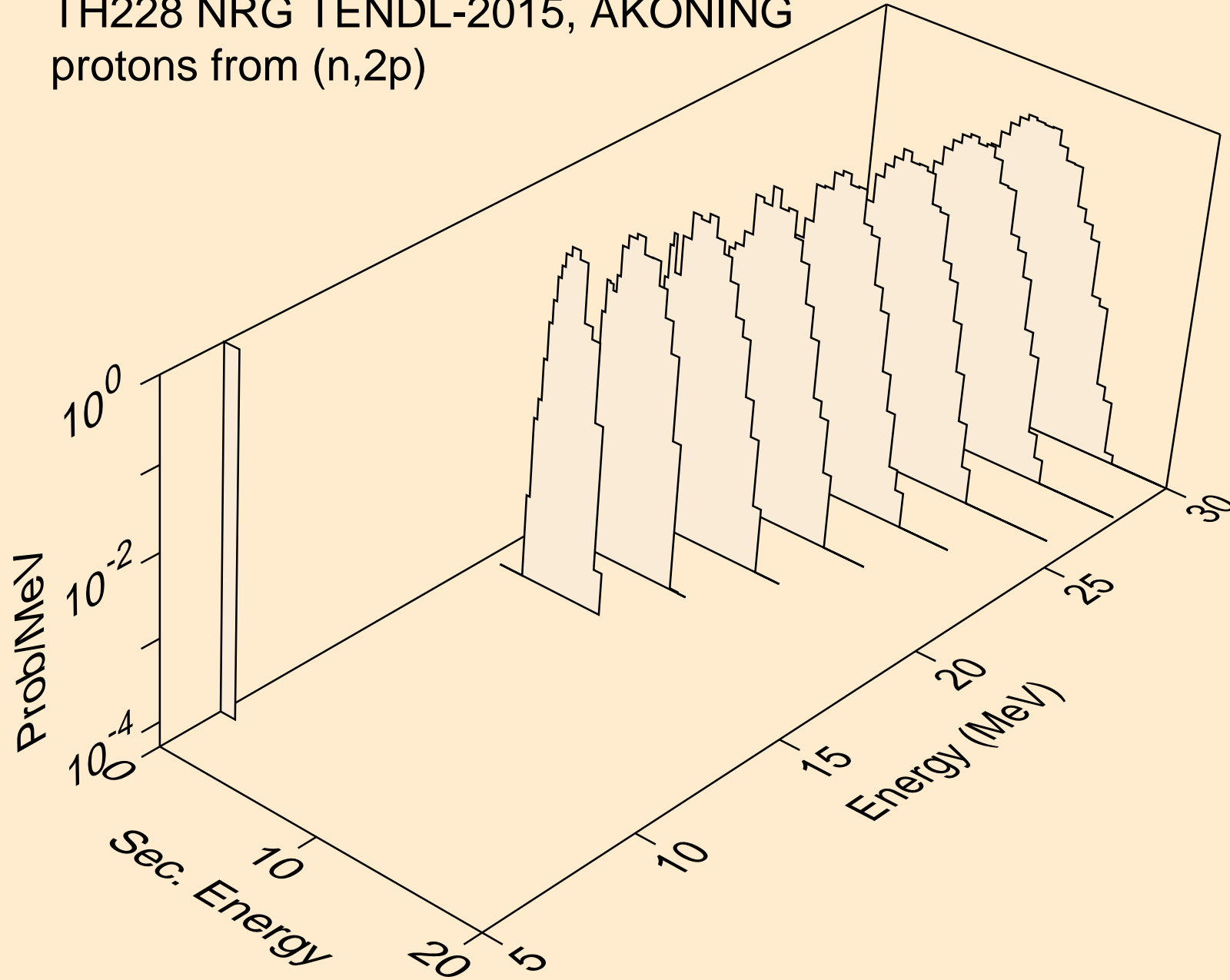


TH228 NRG TENDL-2015, AKONING  
protons from (n,p)

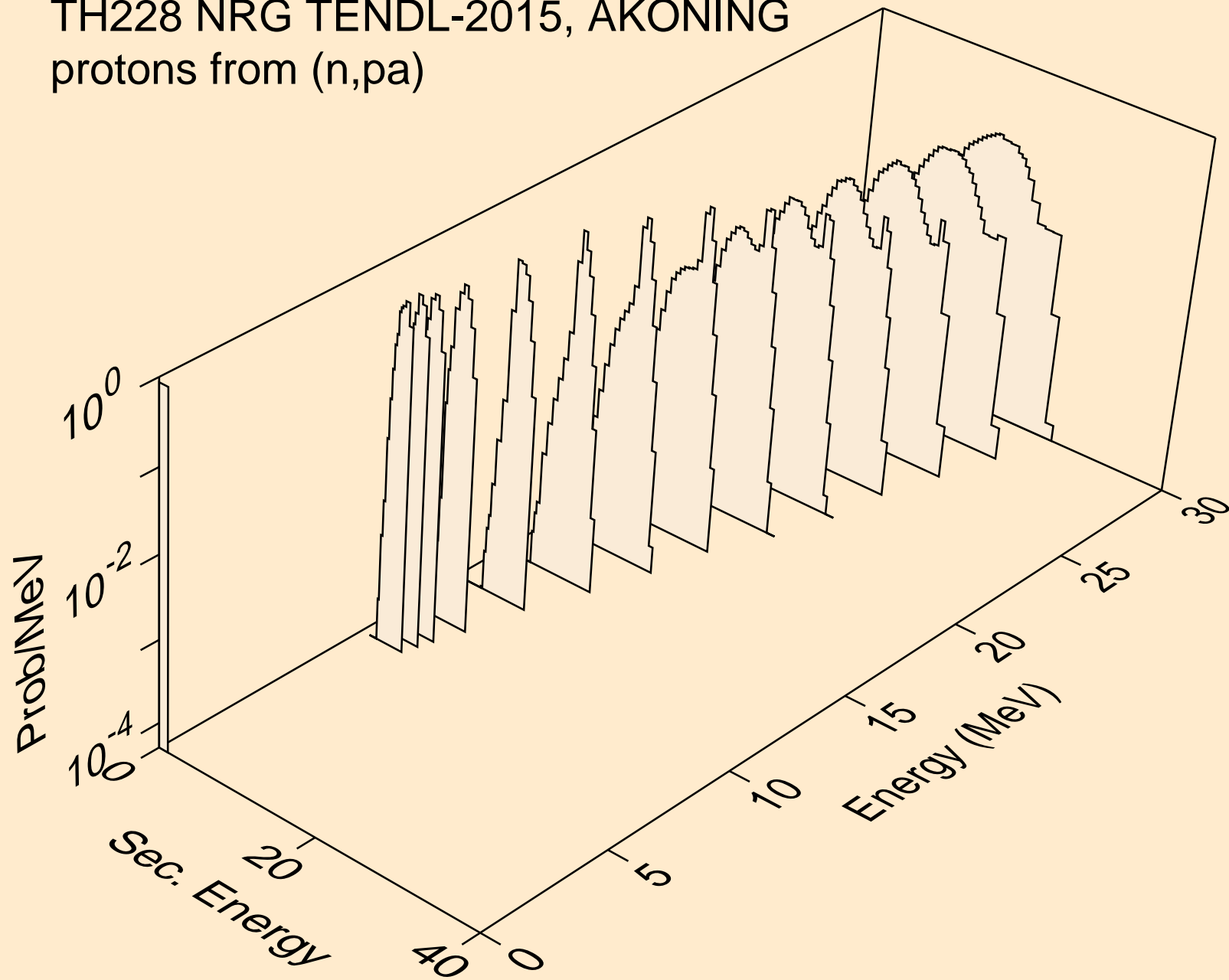




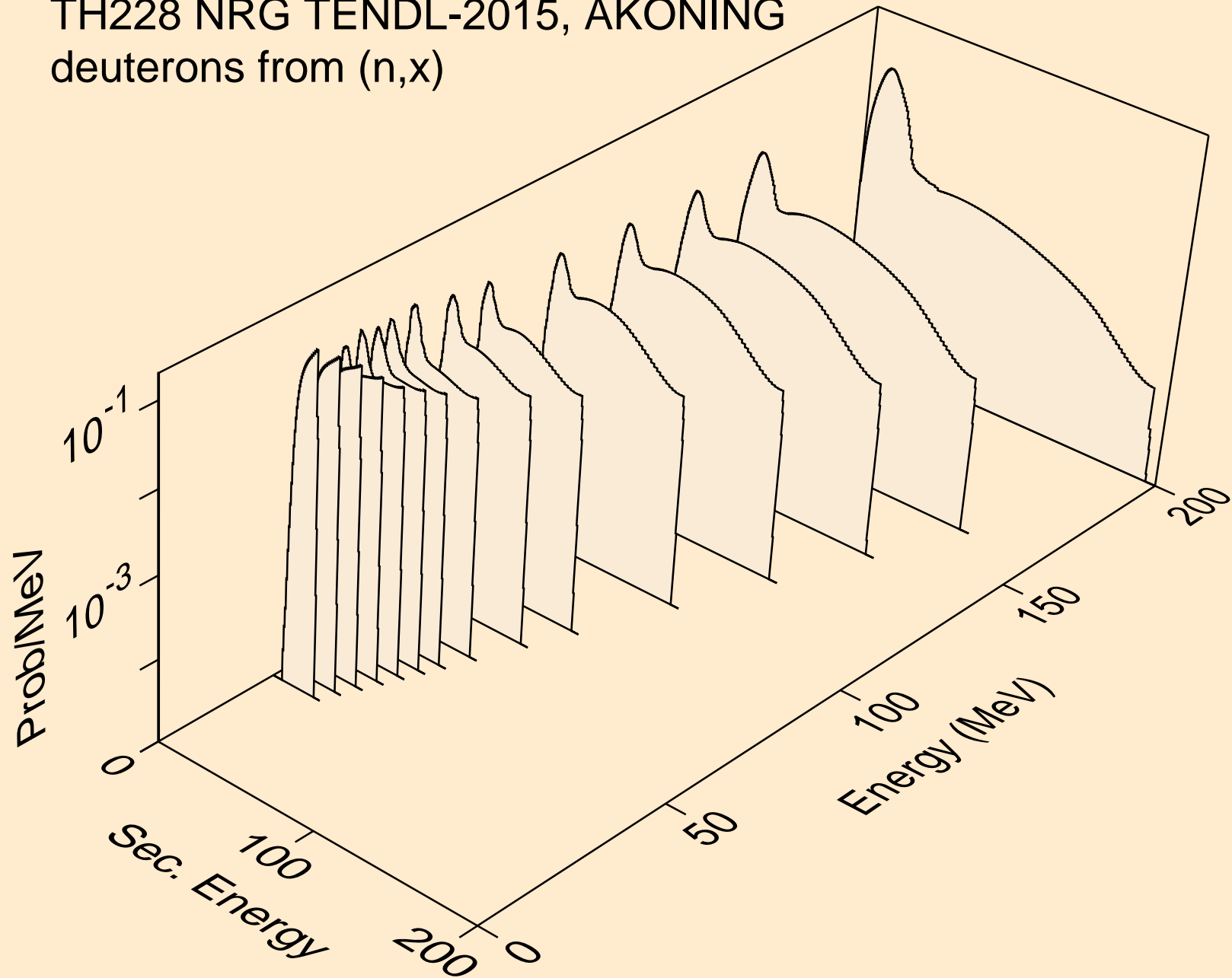
TH228 NRG TENDL-2015, AKONING  
protons from (n,2p)



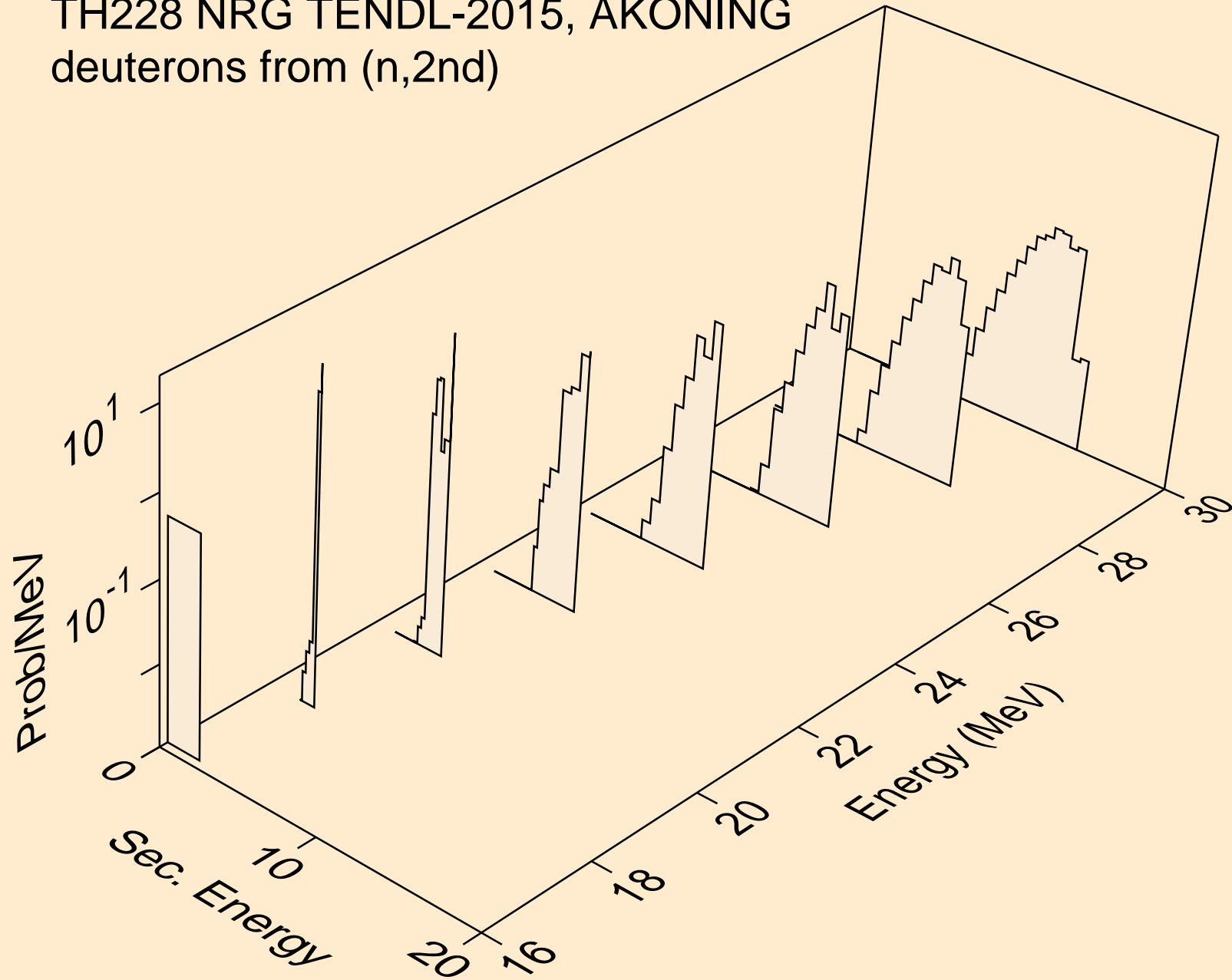
TH228 NRG TENDL-2015, AKONING  
protons from (n,pa)



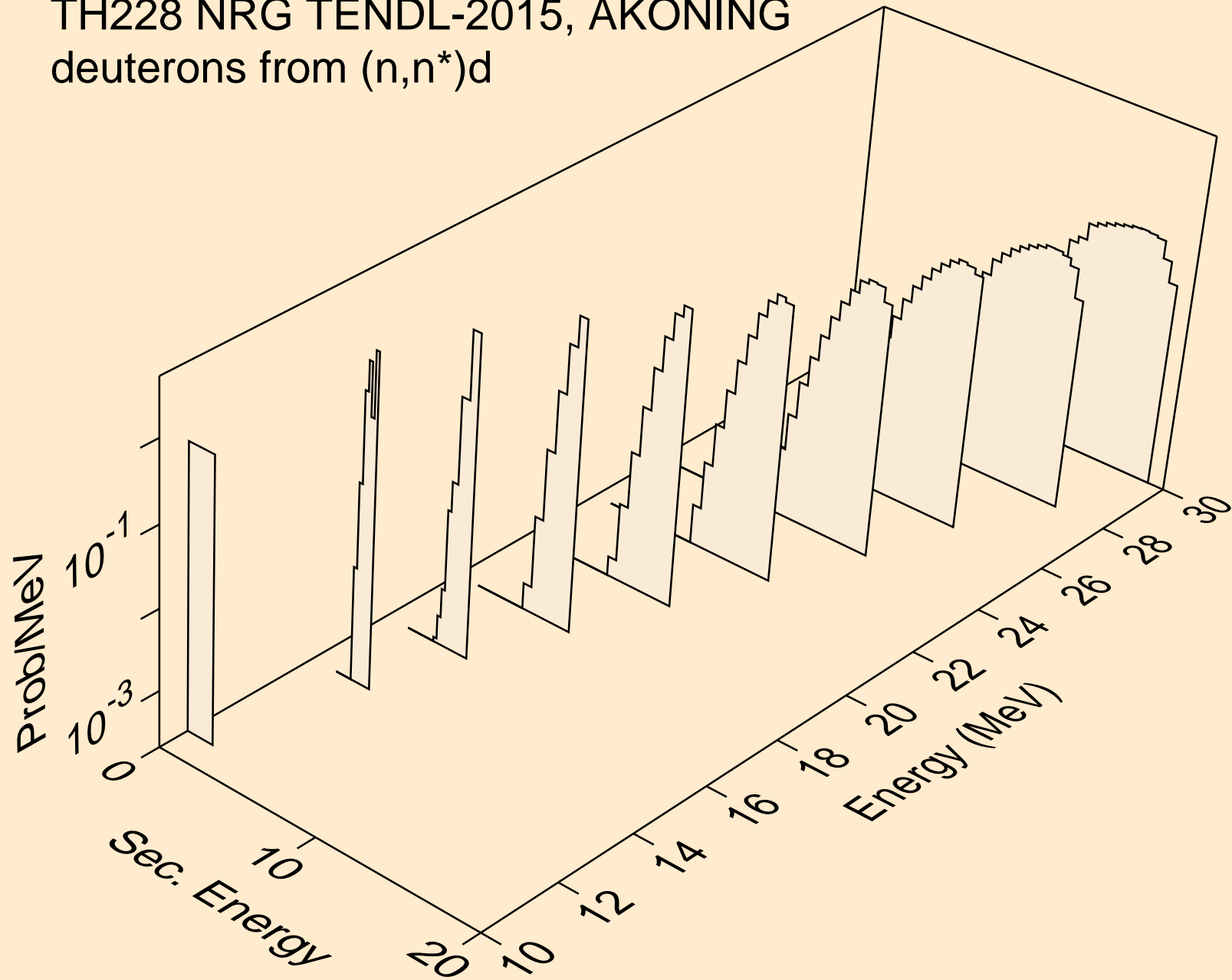
TH228 NRG TENDL-2015, AKONING  
deuterons from (n,x)



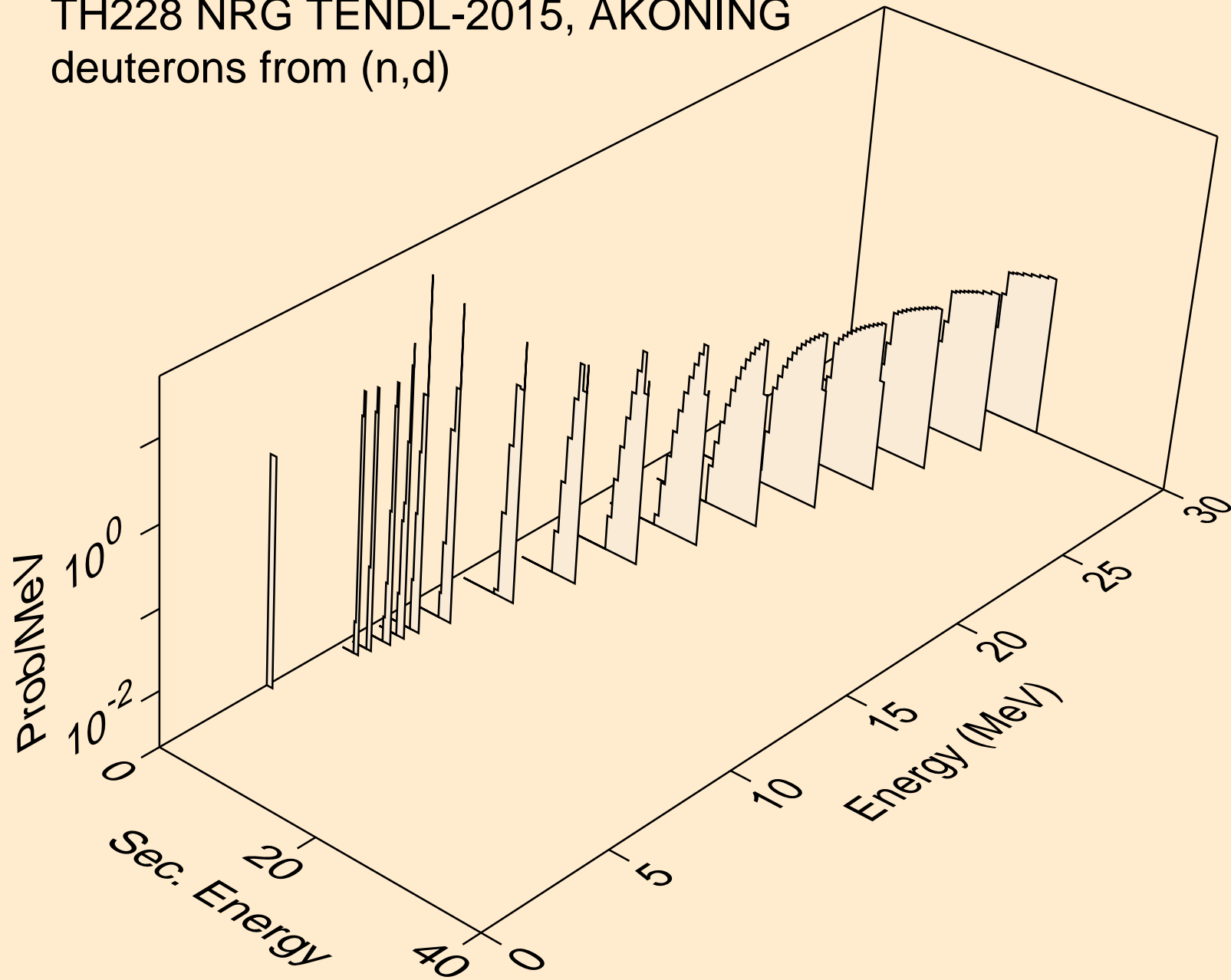
TH228 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



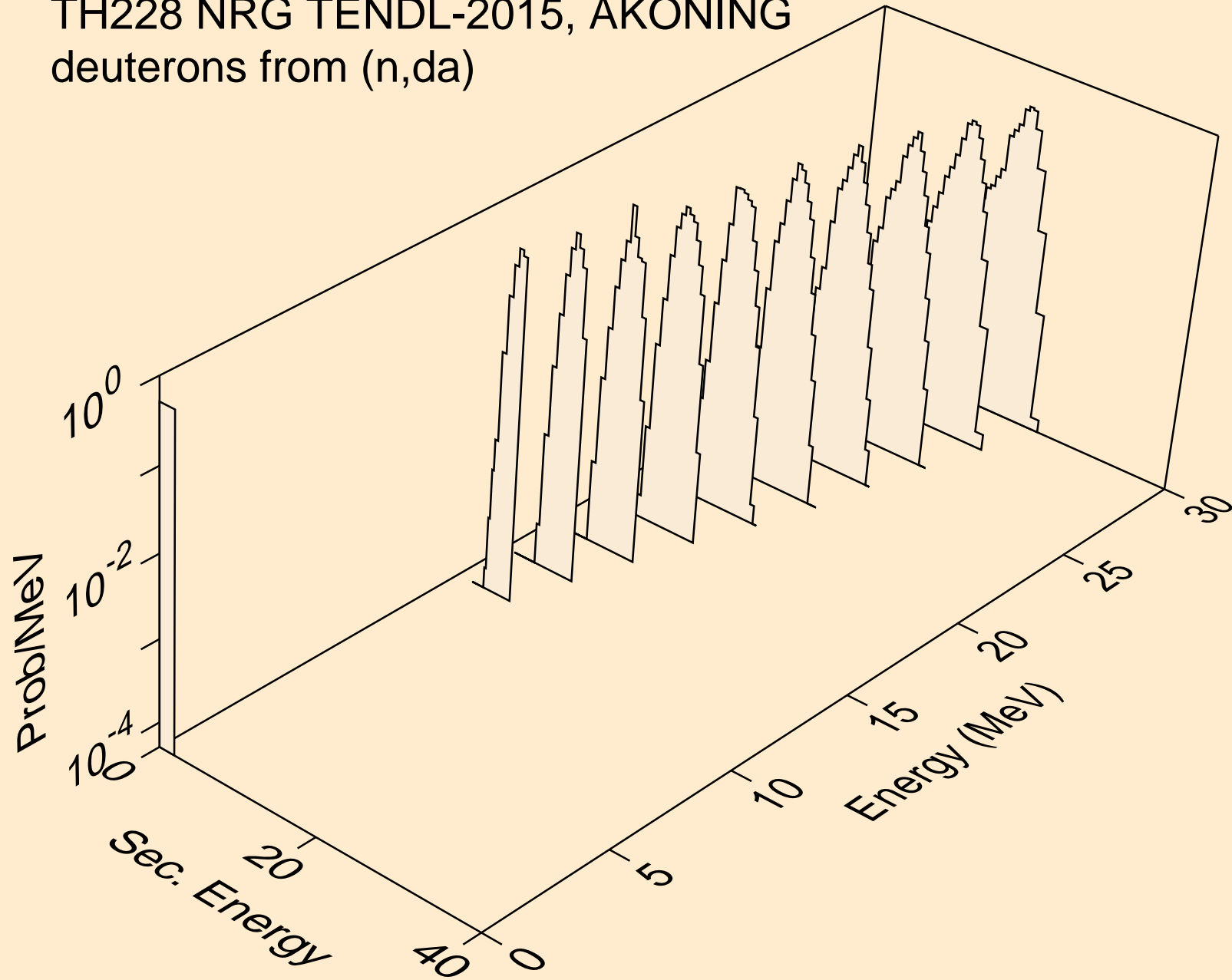
TH228 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



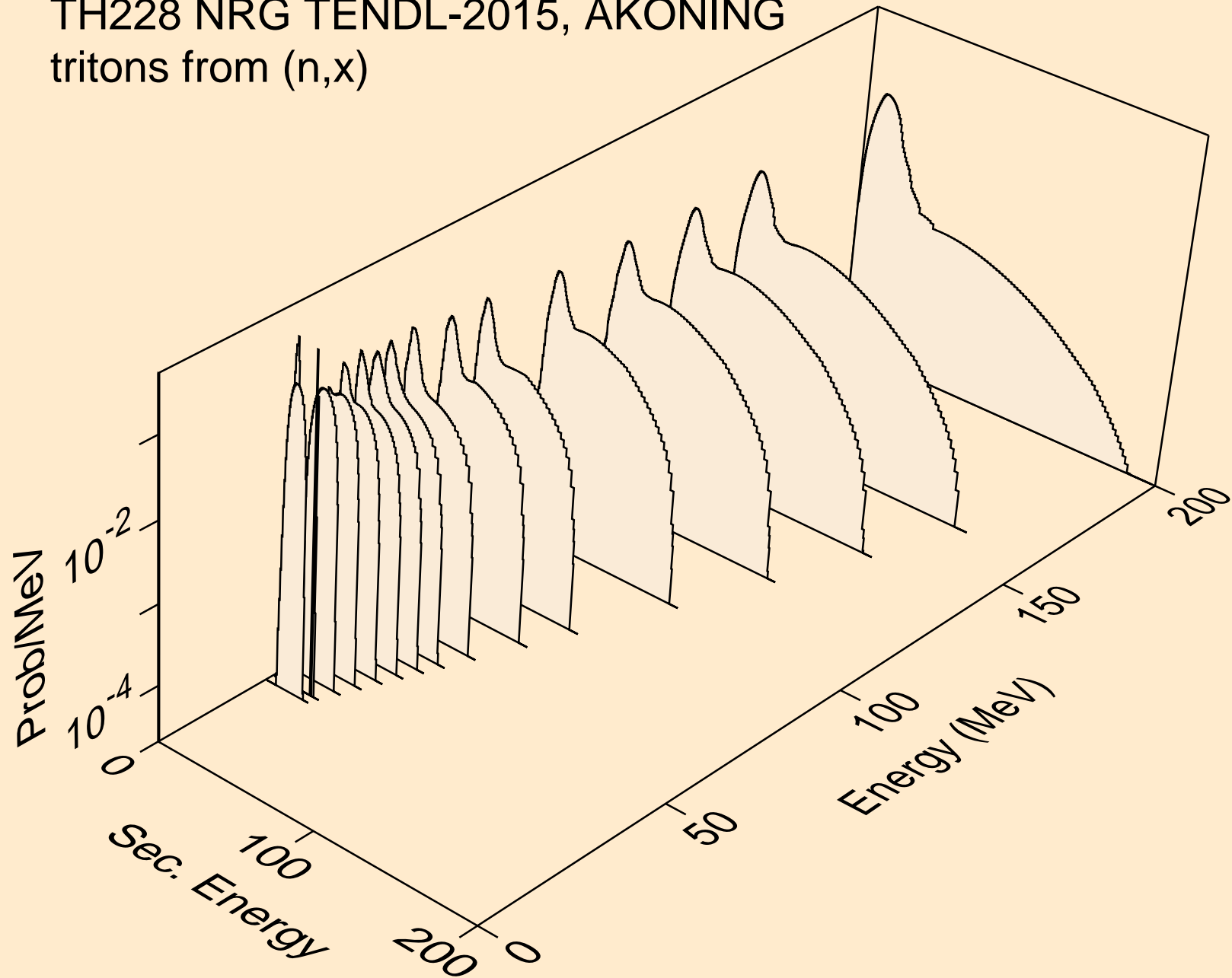
TH228 NRG TENDL-2015, AKONING  
deuterons from (n,d)



TH228 NRG TENDL-2015, AKONING  
deuterons from (n,da)

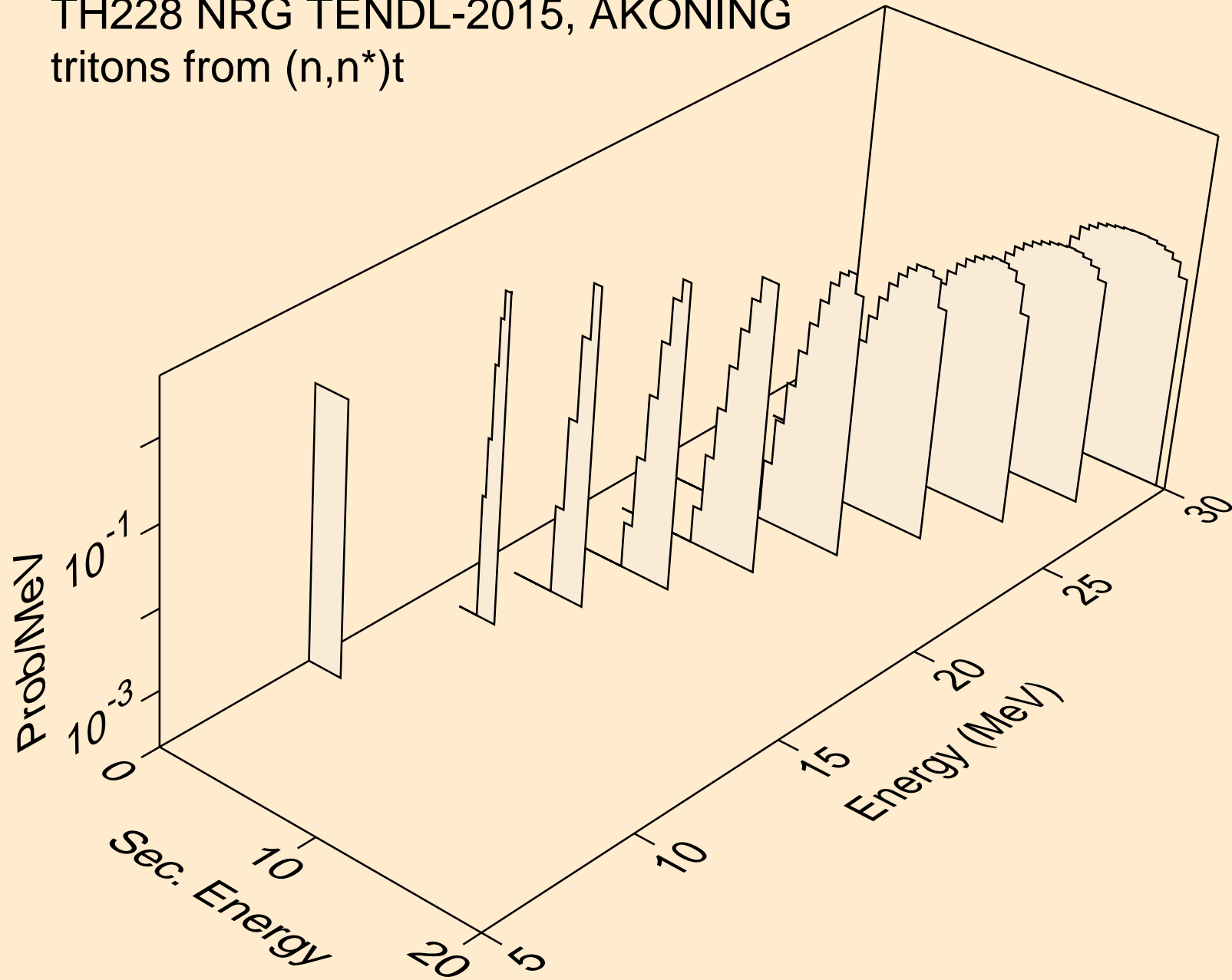


TH228 NRG TENDL-2015, AKONING  
tritons from (n,x)

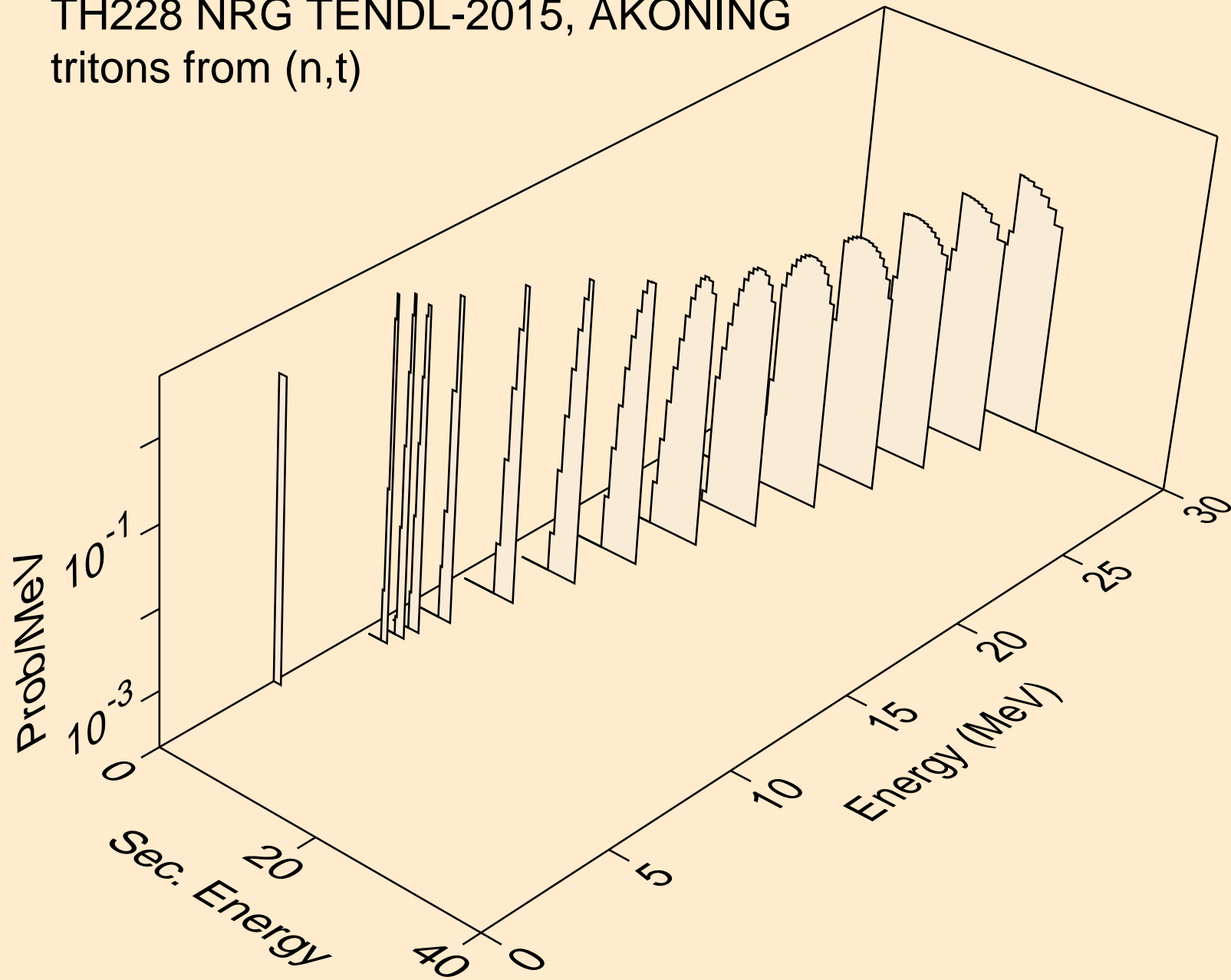




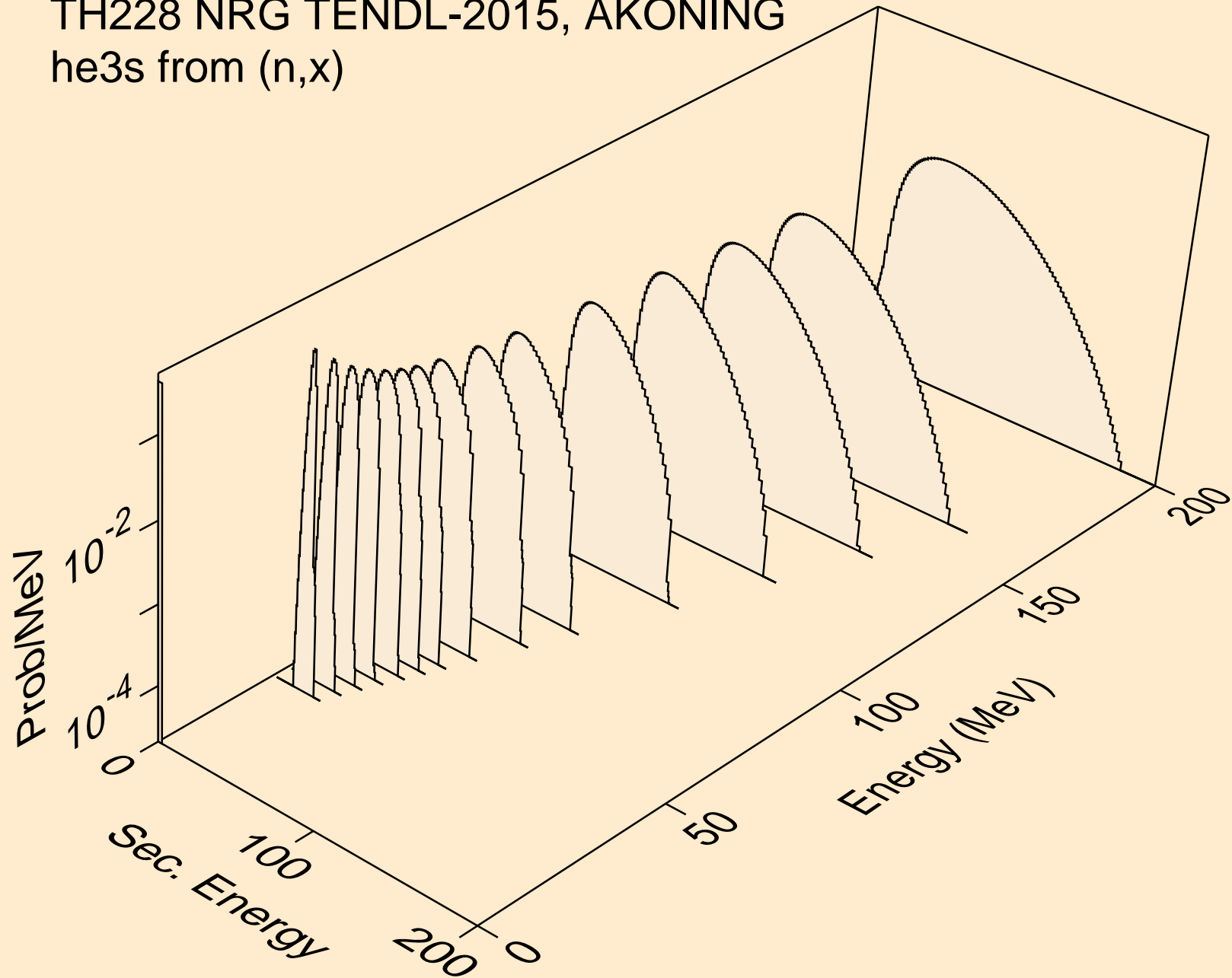
TH228 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



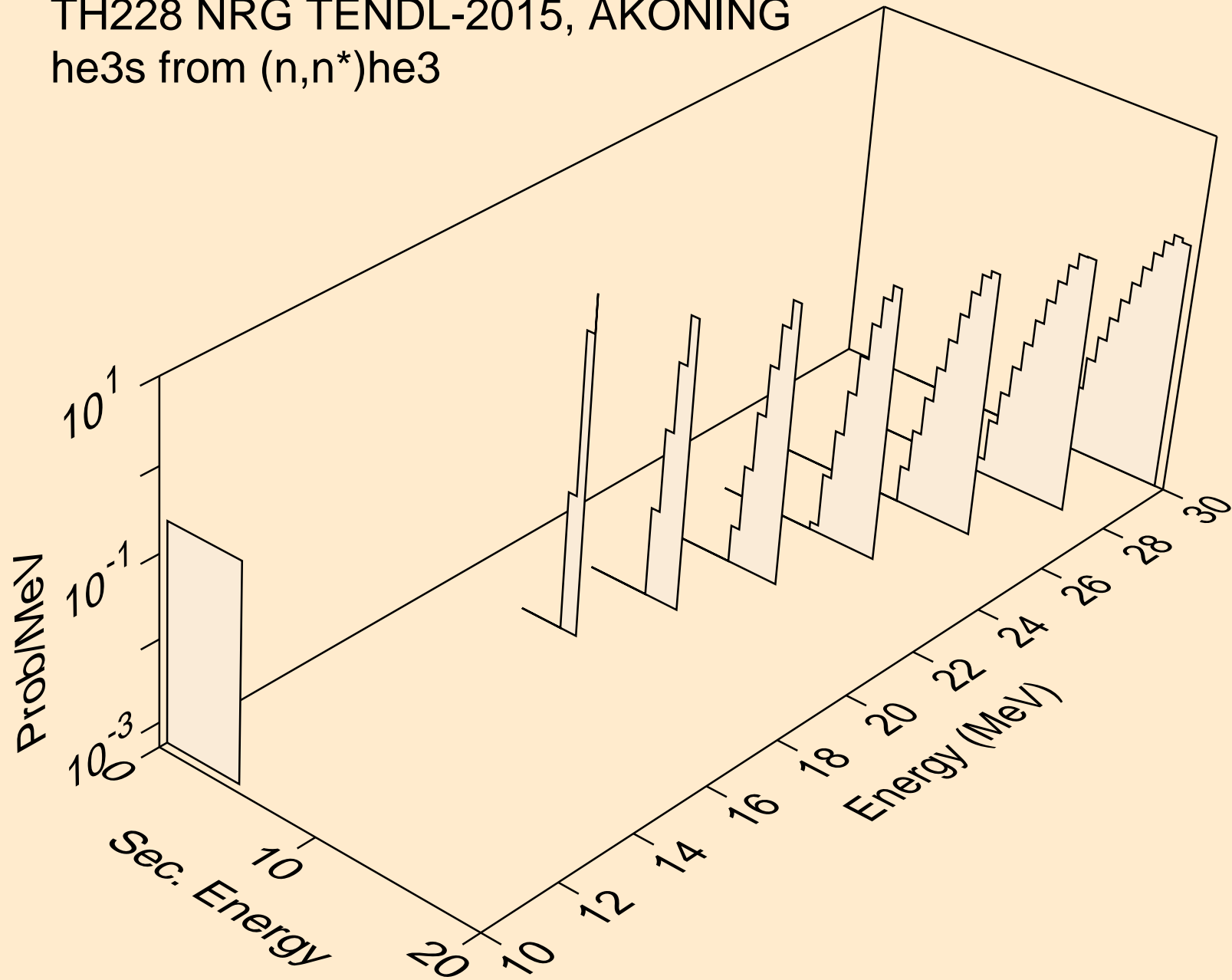
TH228 NRG TENDL-2015, AKONING  
tritons from (n,t)



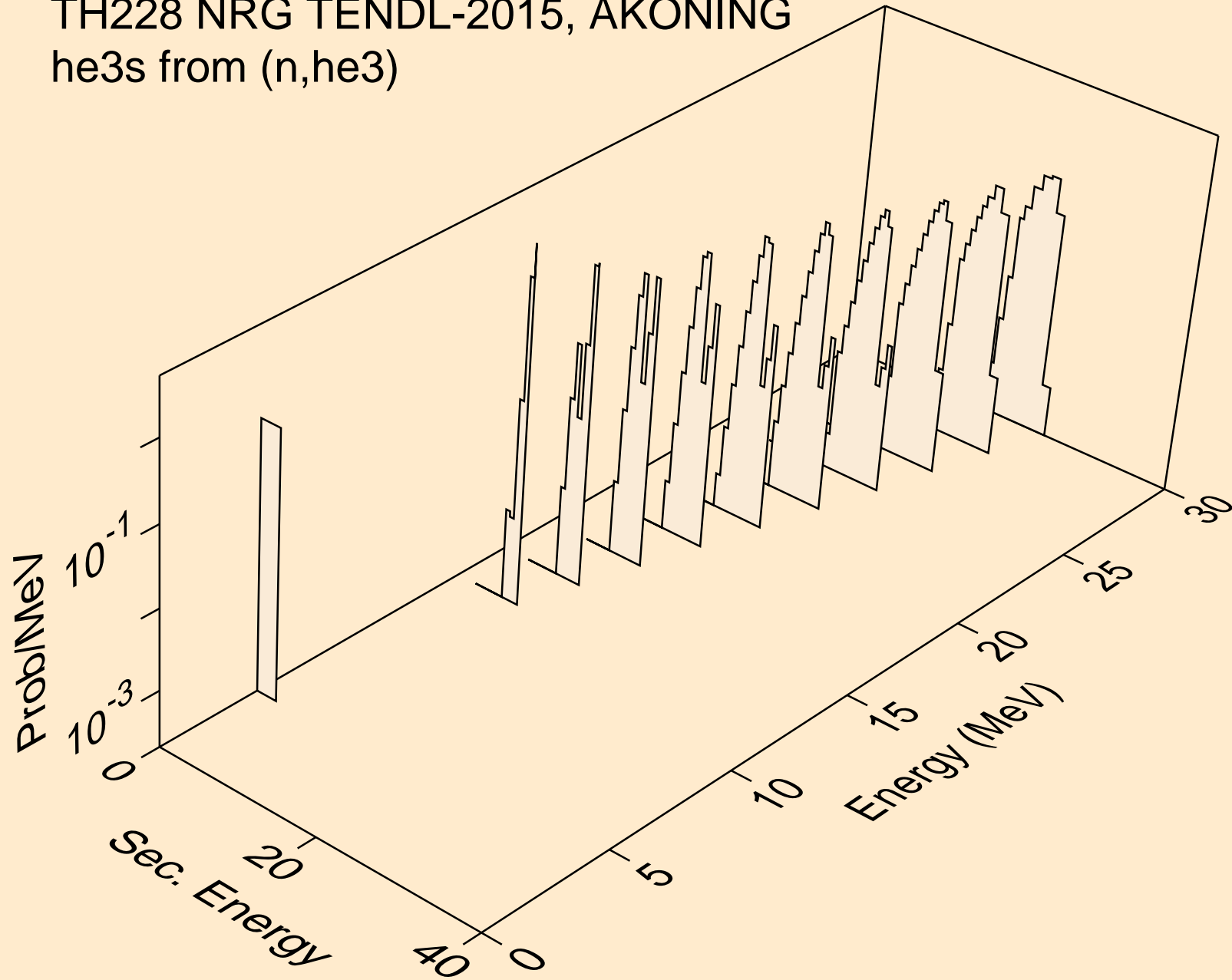
TH228 NRG TENDL-2015, AKONING  
he3s from (n,x)



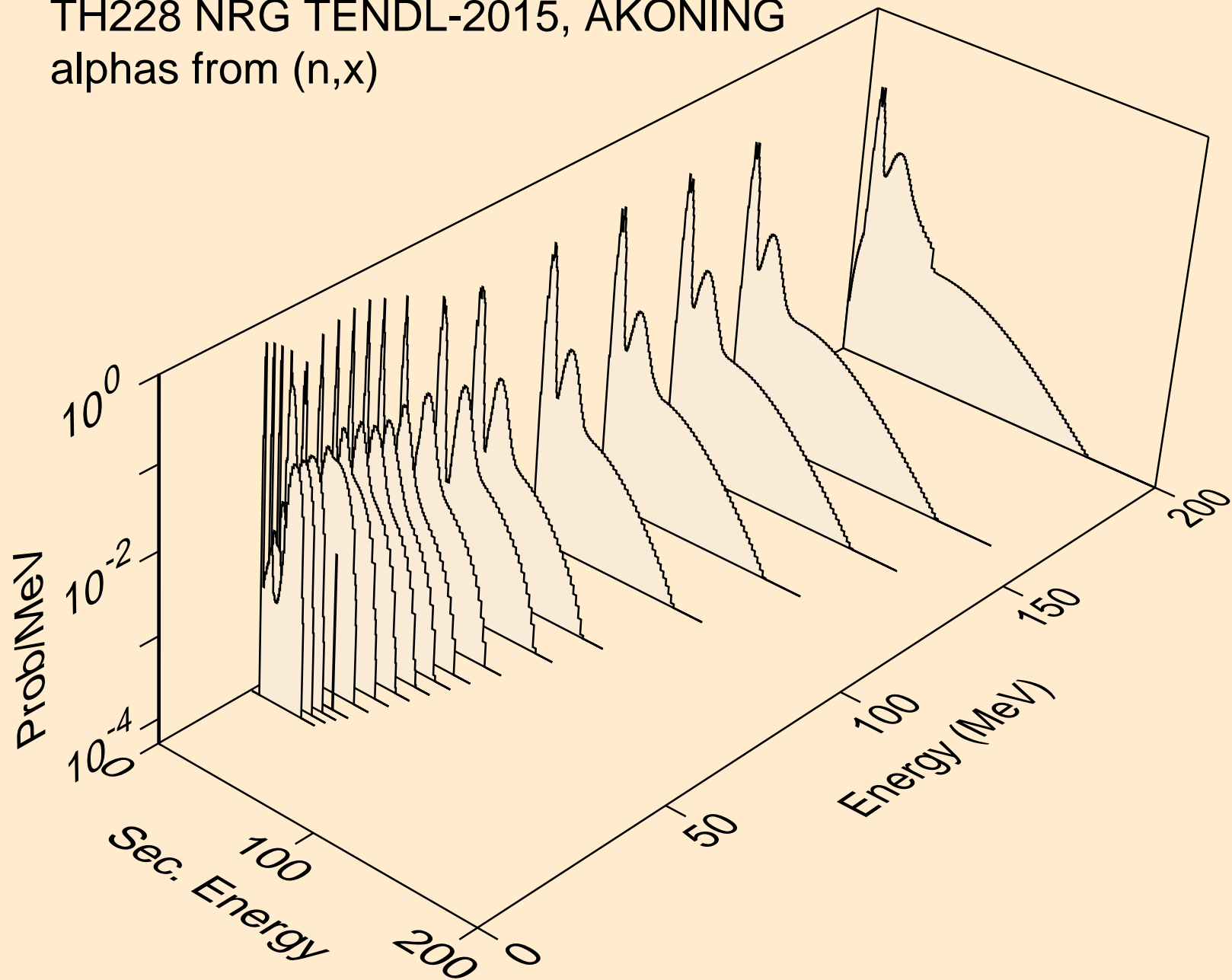
TH228 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



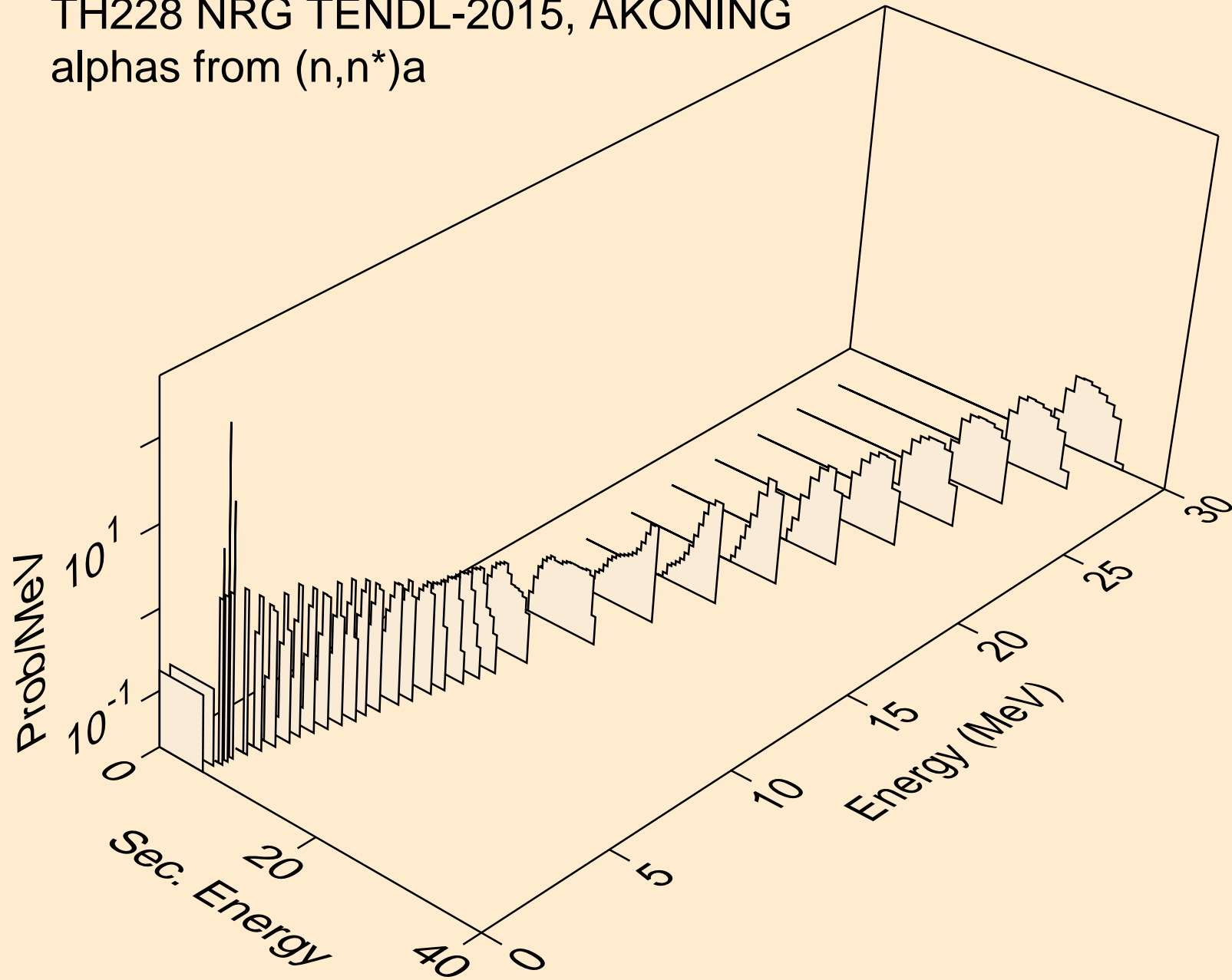
TH228 NRG TENDL-2015, AKONING  
he3s from (n,he3)



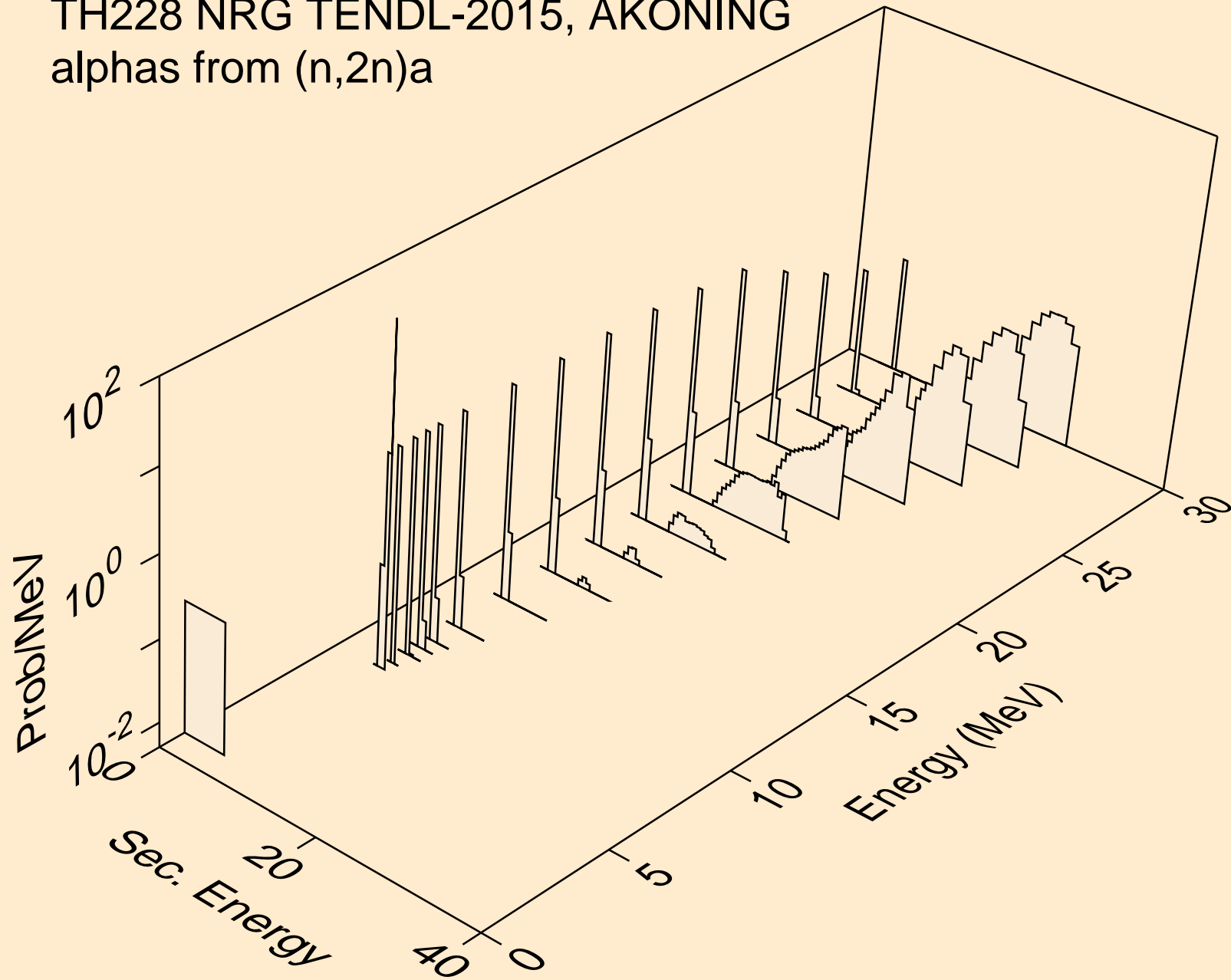
TH228 NRG TENDL-2015, AKONING  
alphas from (n,x)



TH228 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

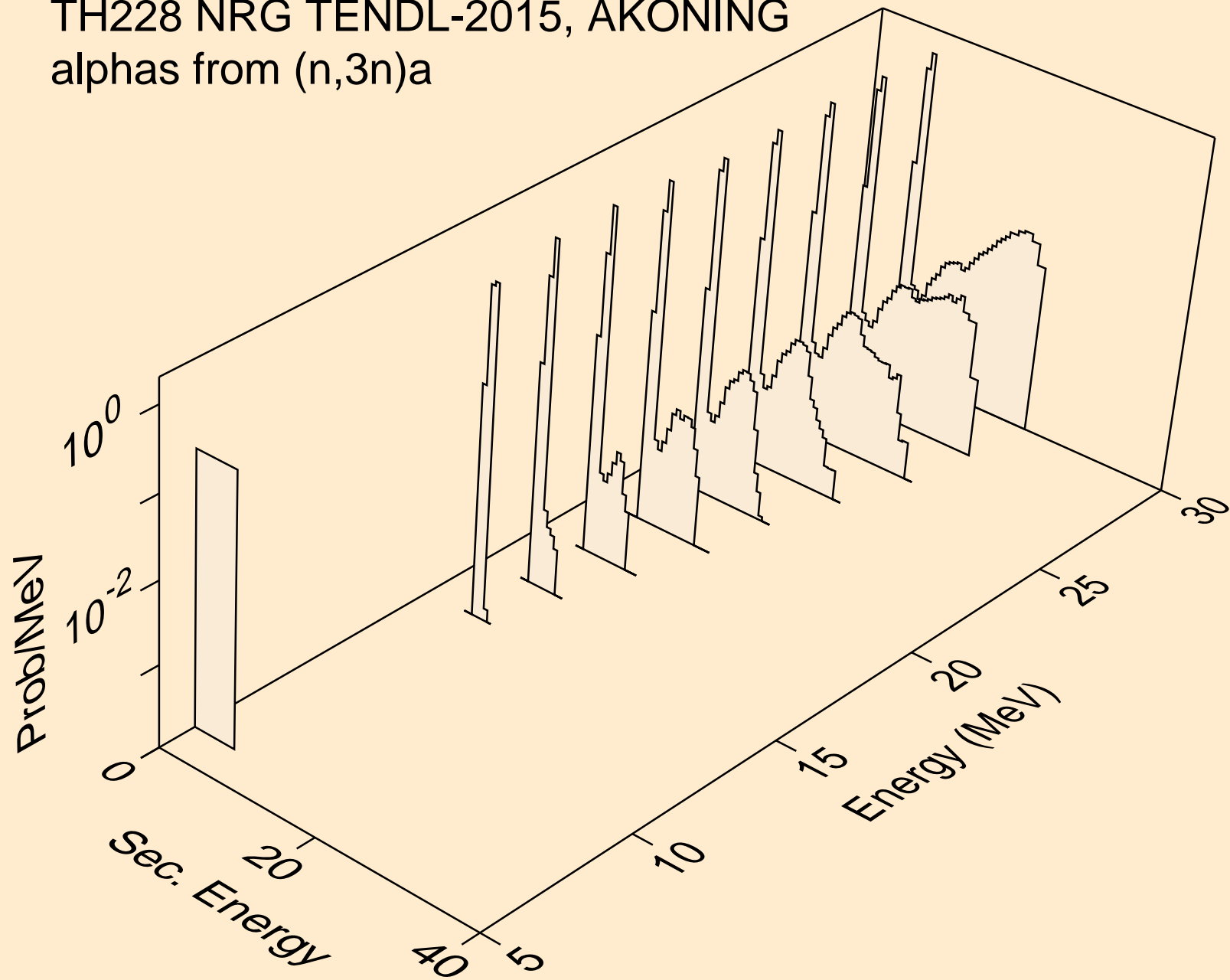


TH228 NRG TENDL-2015, AKONING  
alphas from (n,2n)a

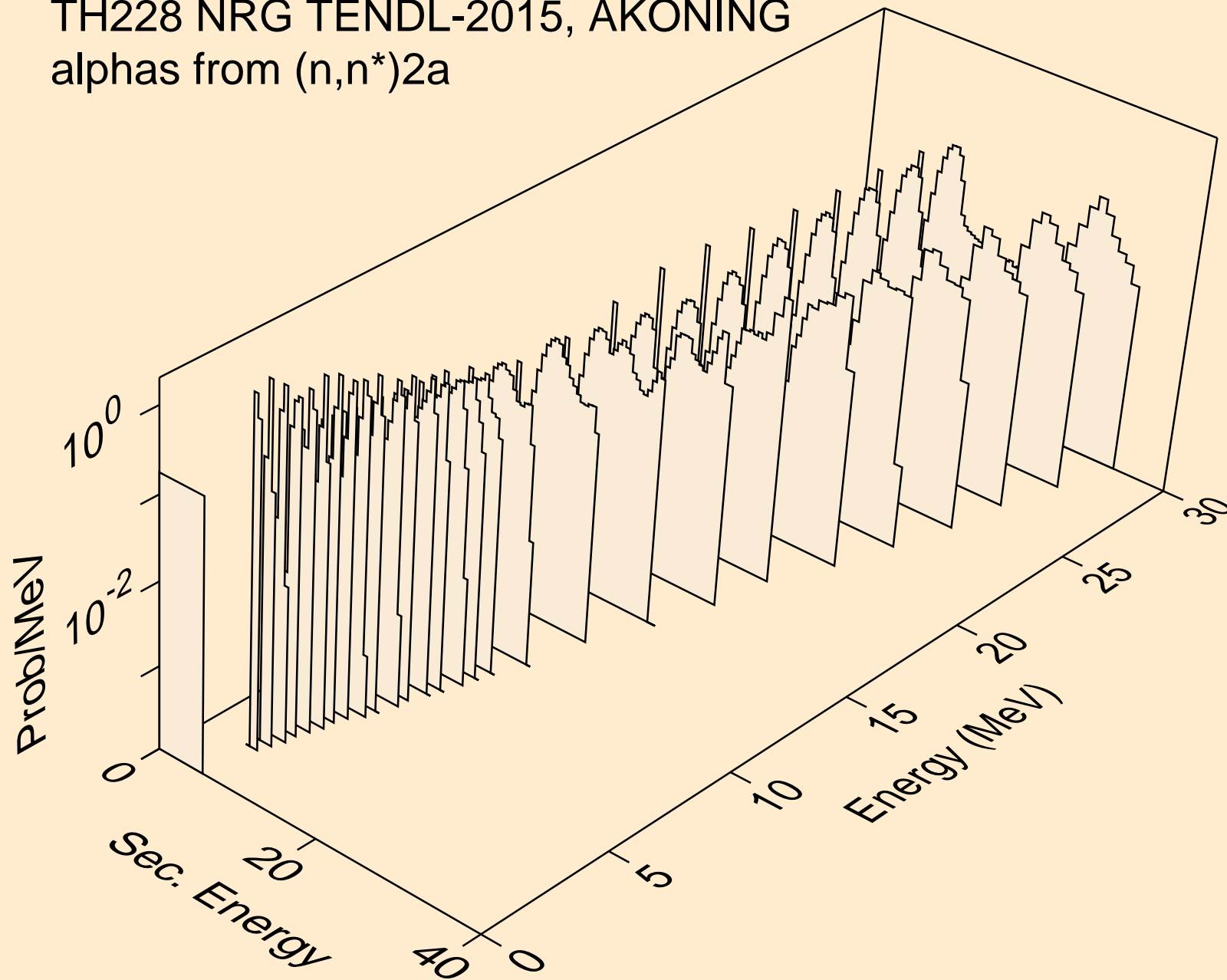




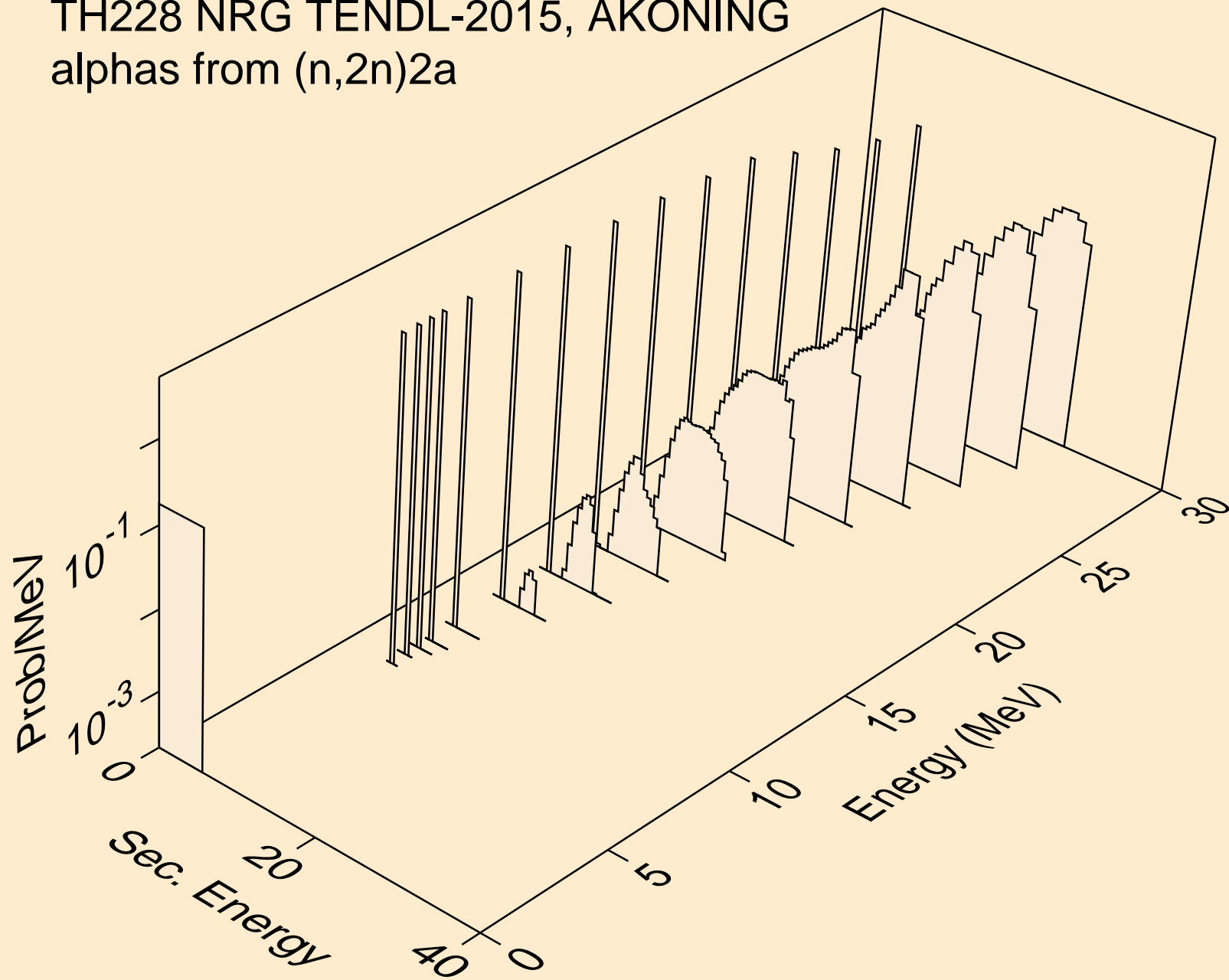
TH228 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



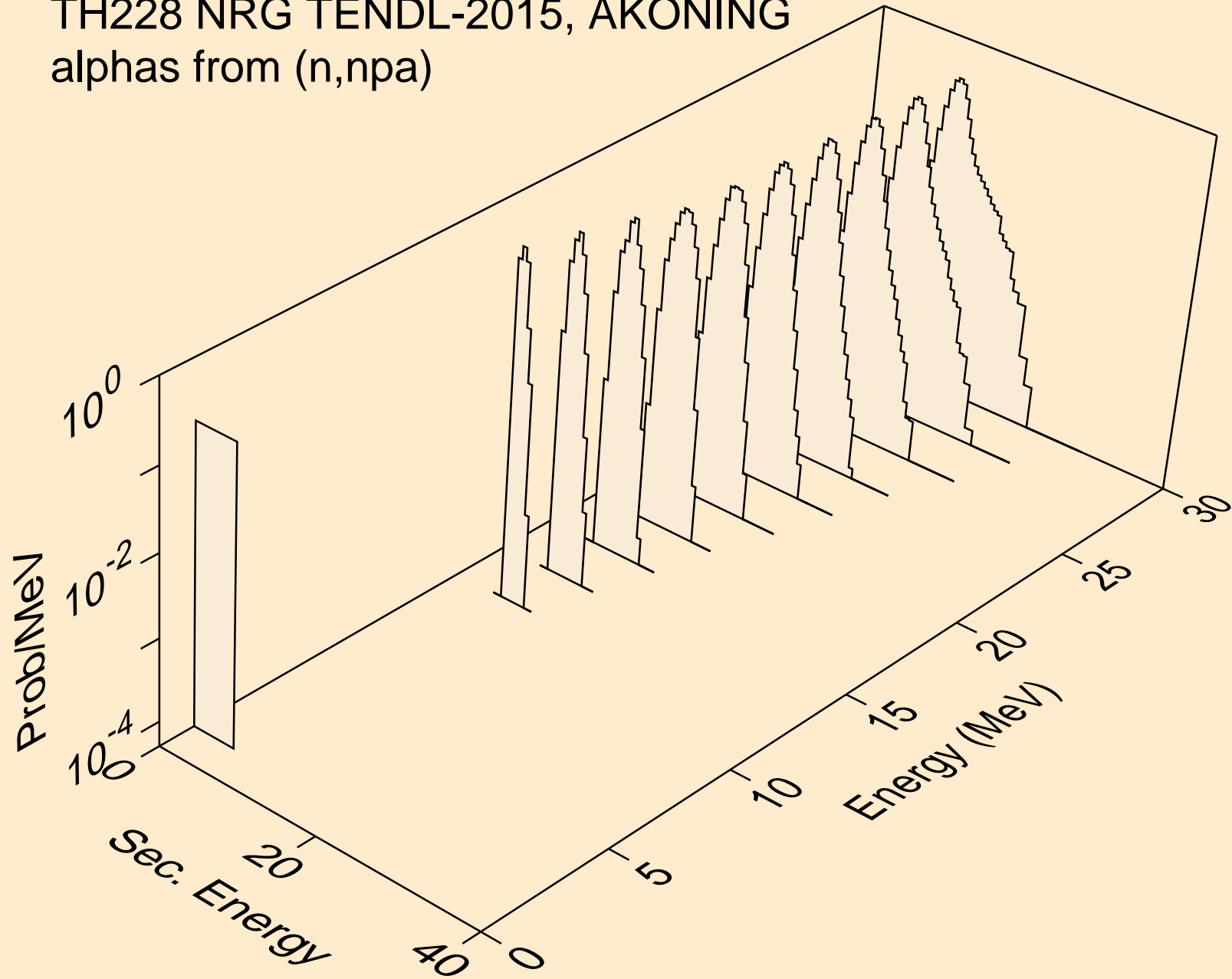
TH228 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



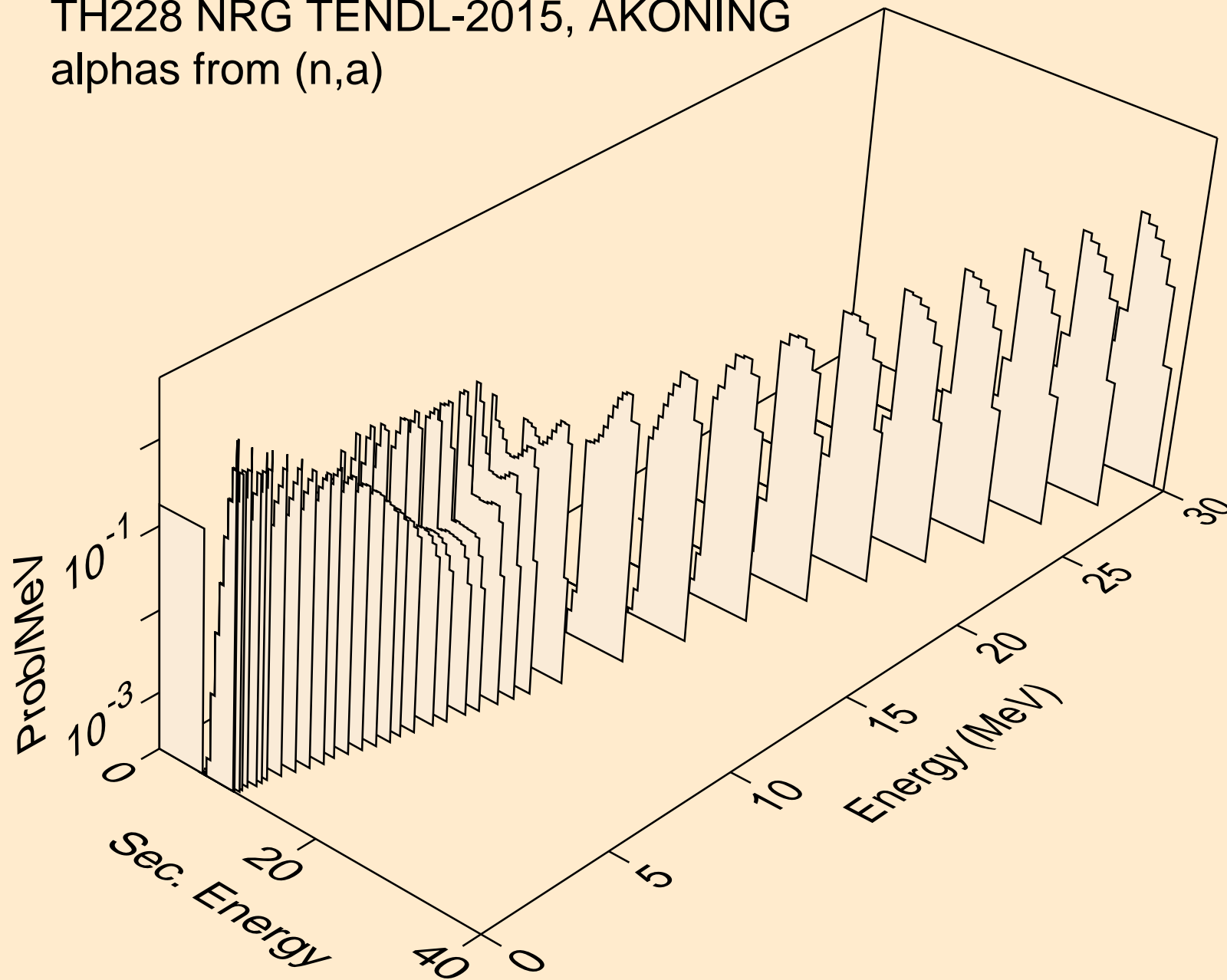
TH228 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



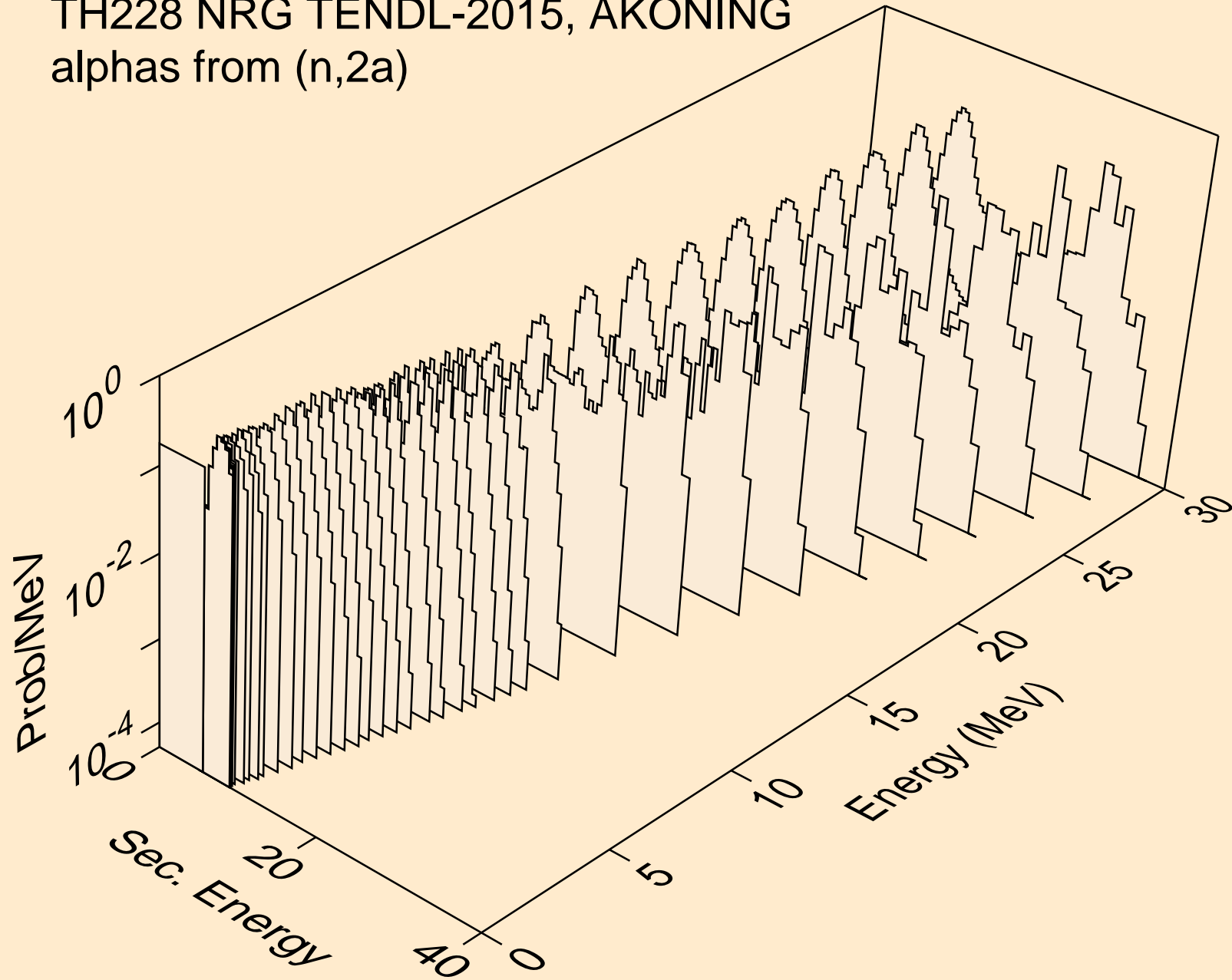
TH228 NRG TENDL-2015, AKONING  
alphas from (n,npa)



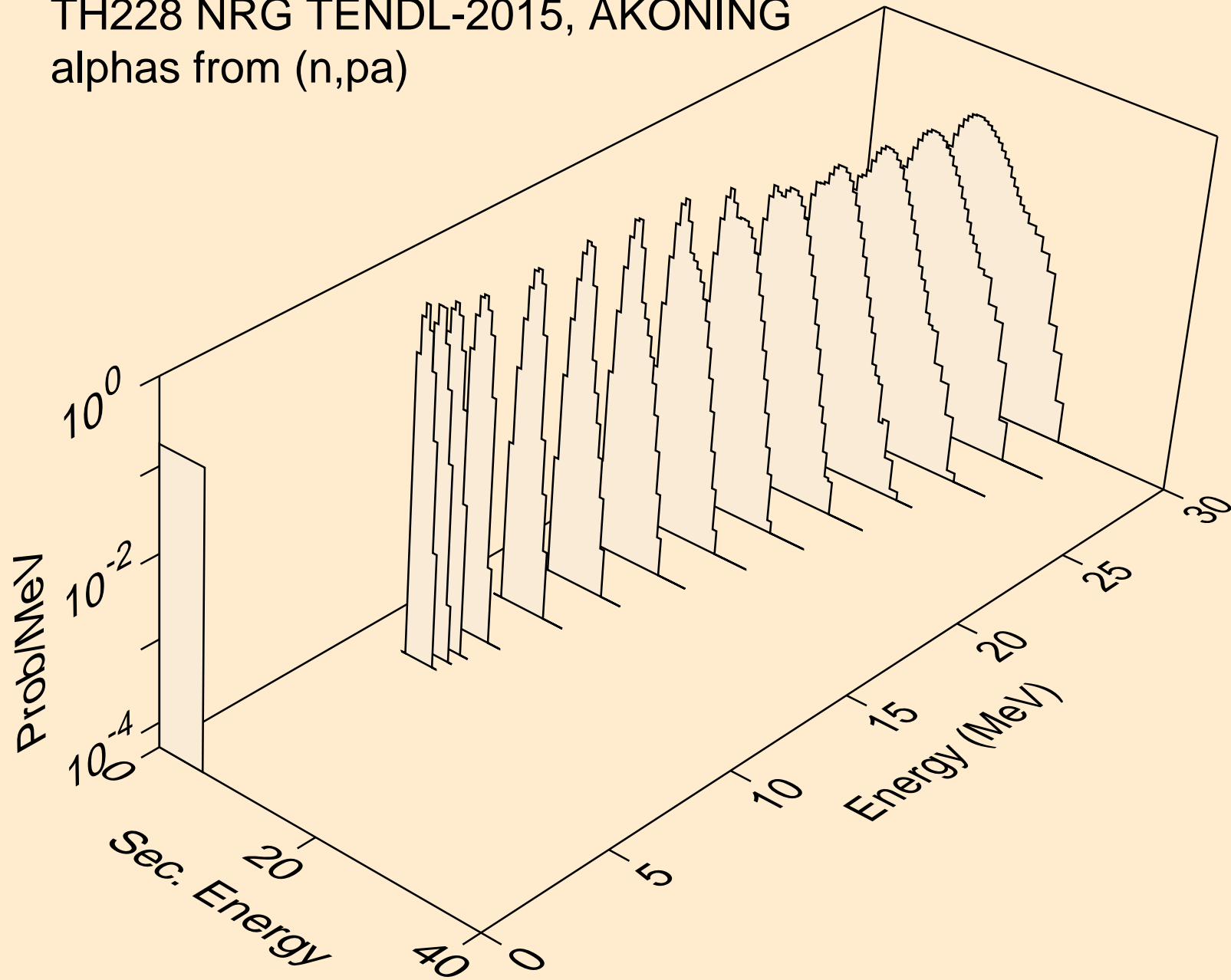
TH228 NRG TENDL-2015, AKONING  
alphas from (n,a)



TH228 NRG TENDL-2015, AKONING  
alphas from (n,2a)



TH228 NRG TENDL-2015, AKONING  
alphas from (n,pa)



TH228 NRG TENDL-2015, AKONING  
alphas from (n,da)

