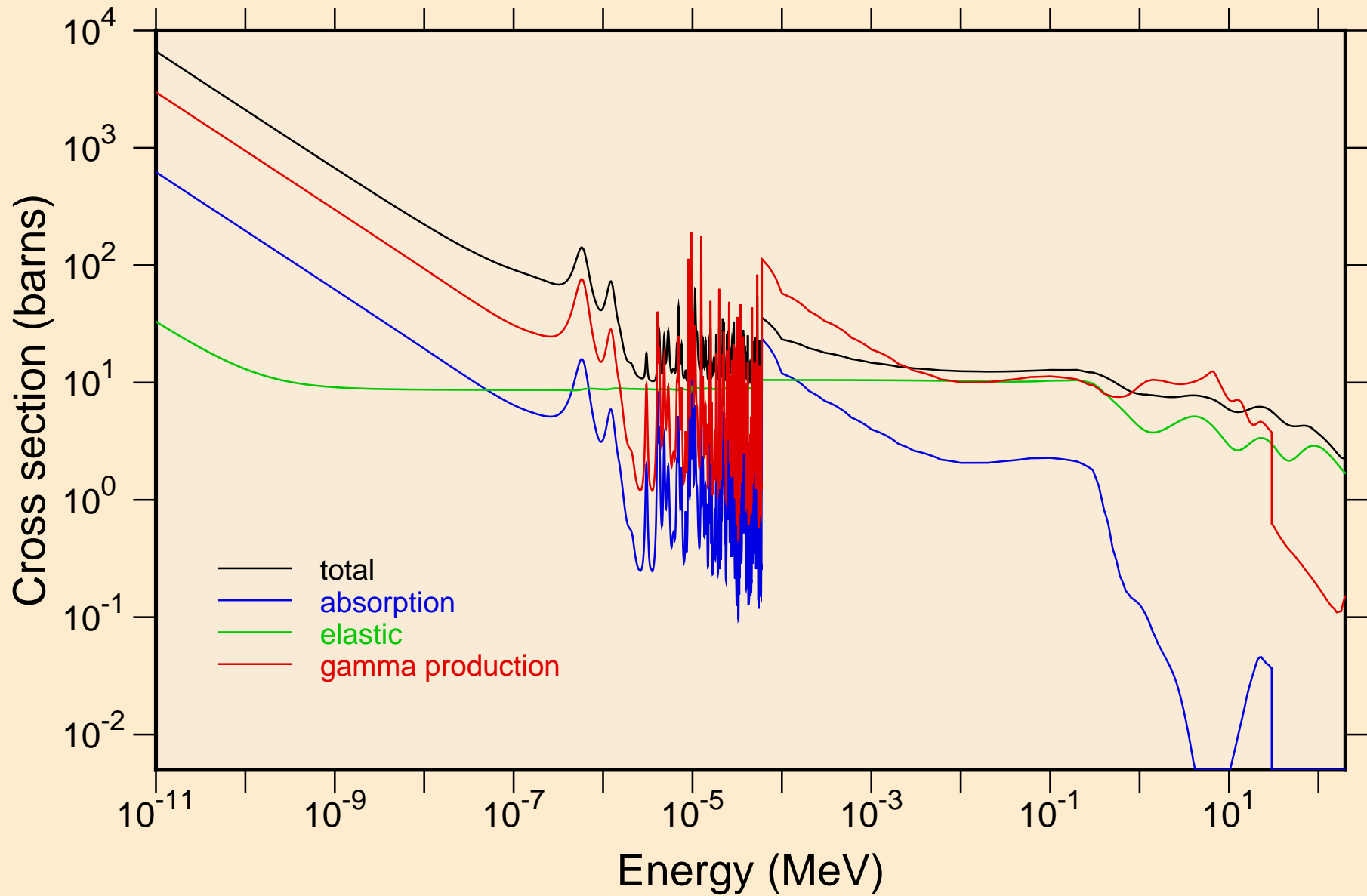
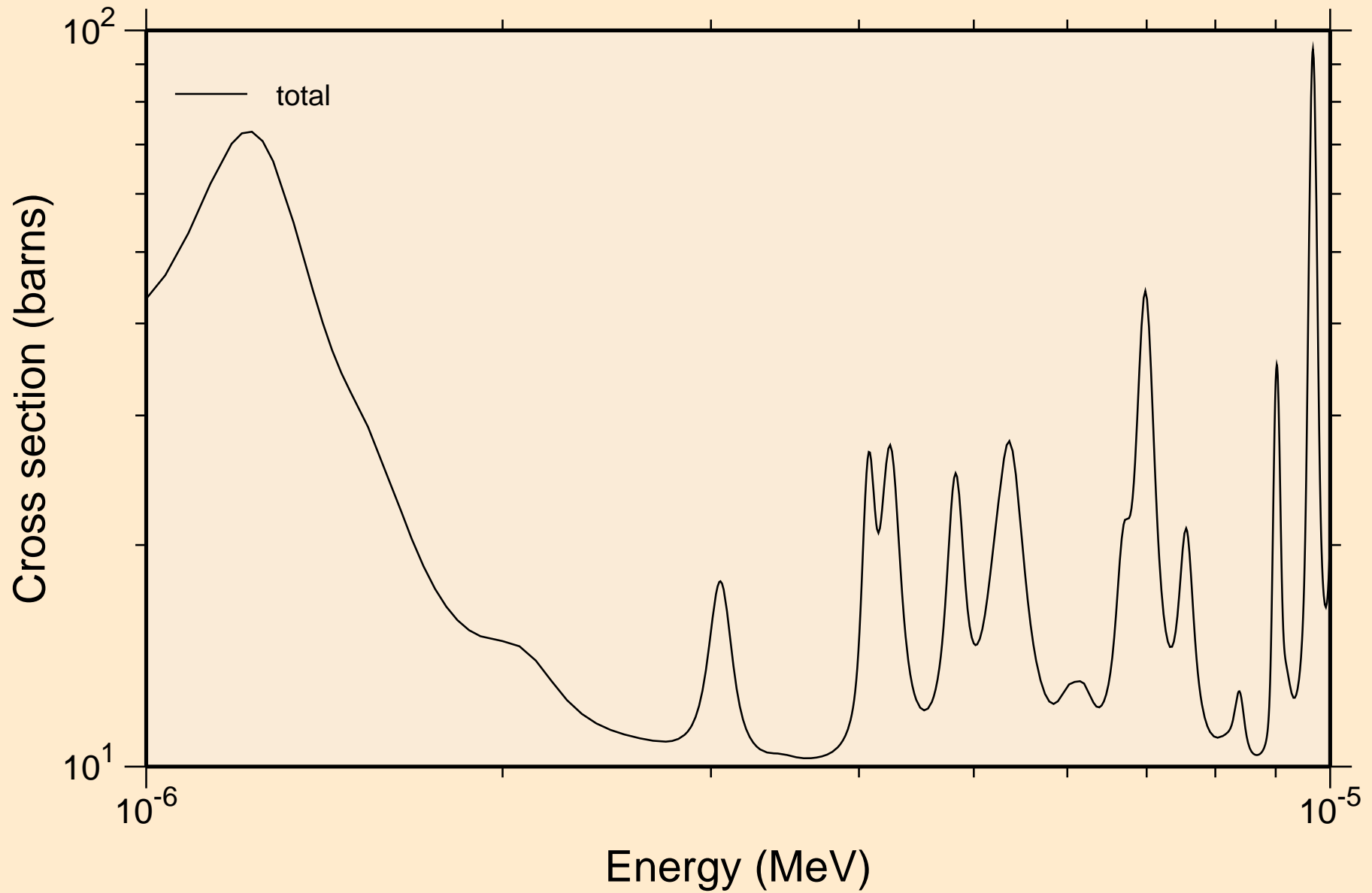


# BK242 NRG TENDL-2015, AKONING

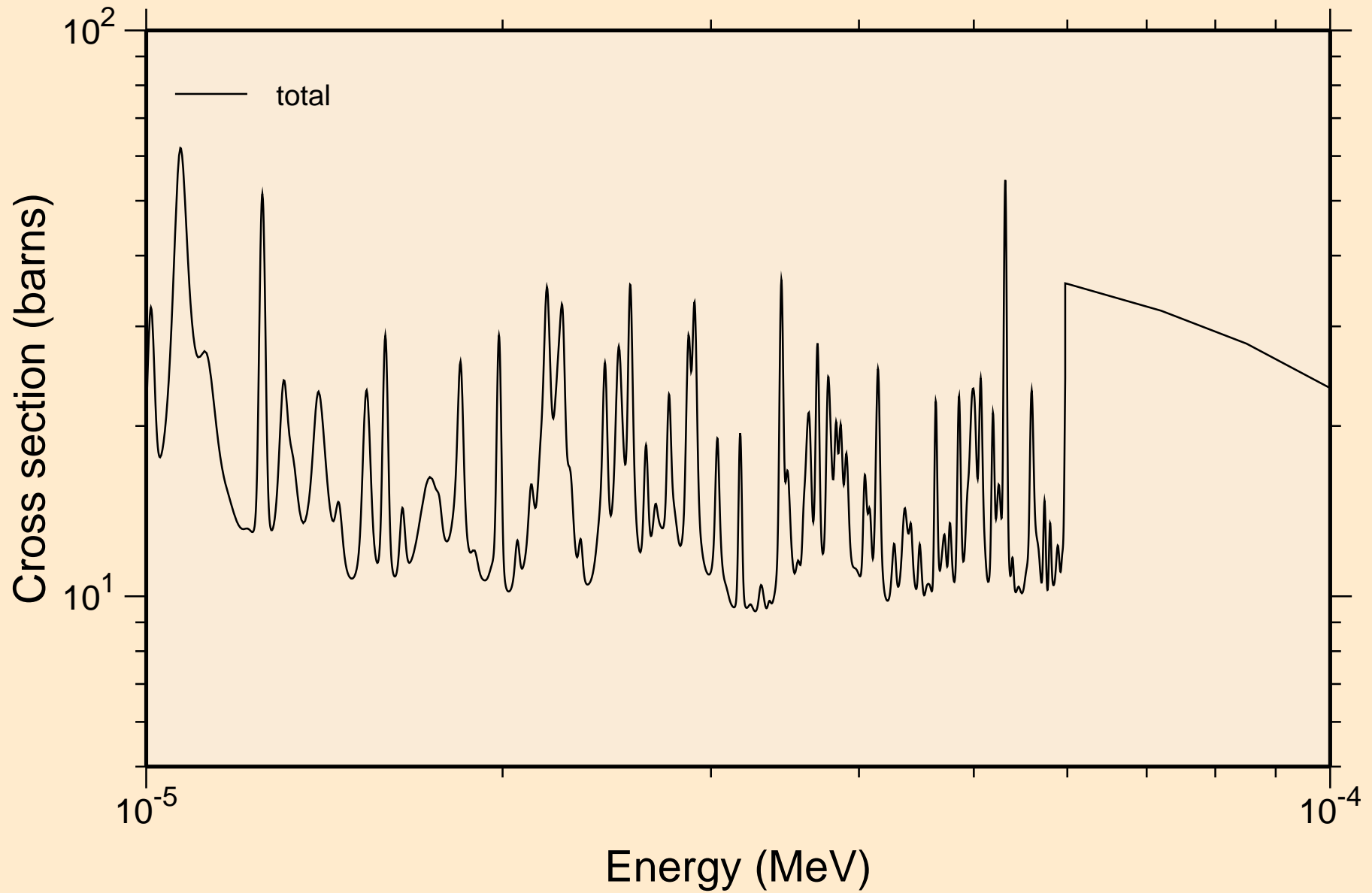
## Principal cross sections



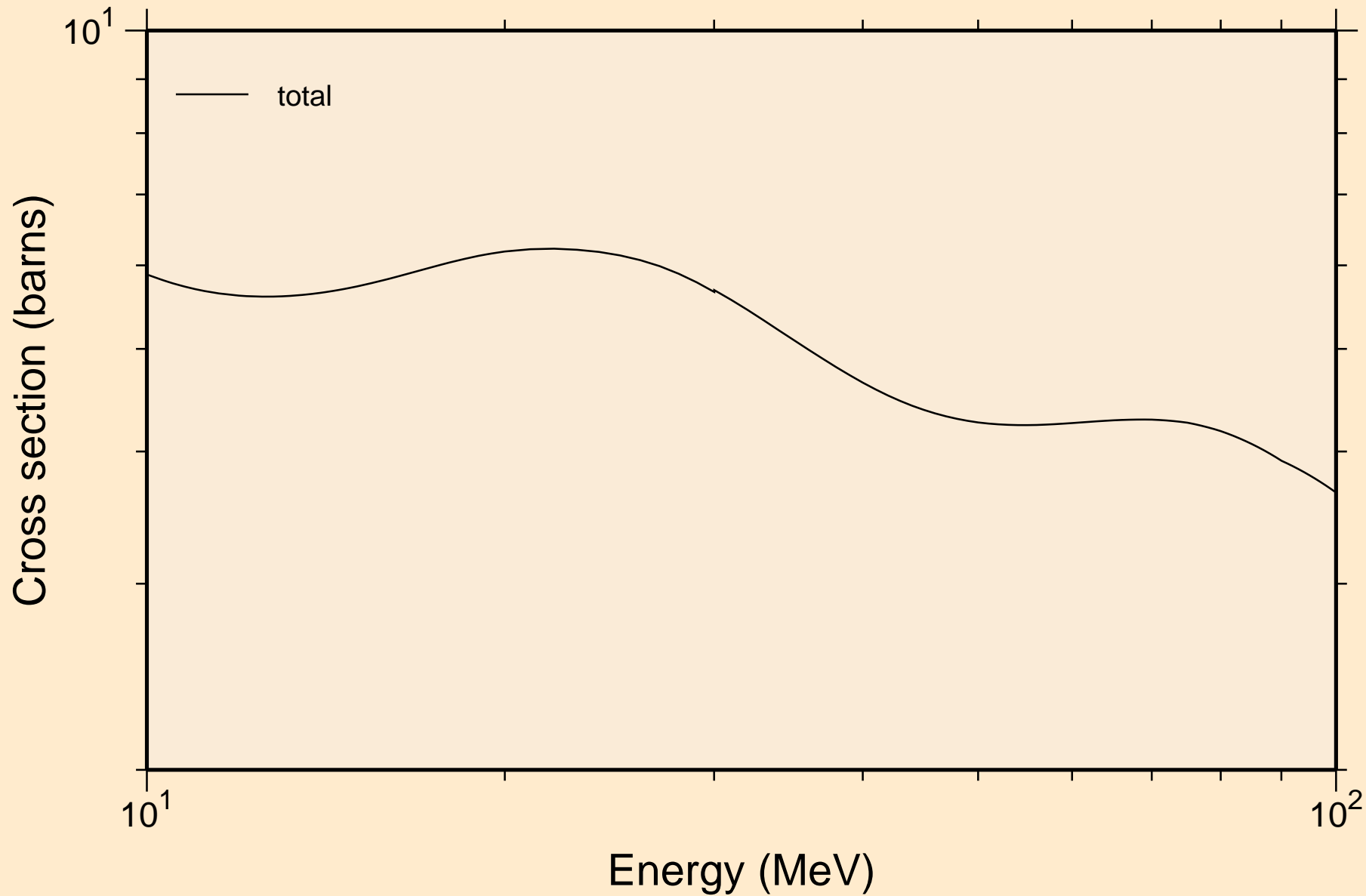
BK242 NRG TENDL-2015, AKONING  
resonance total cross section



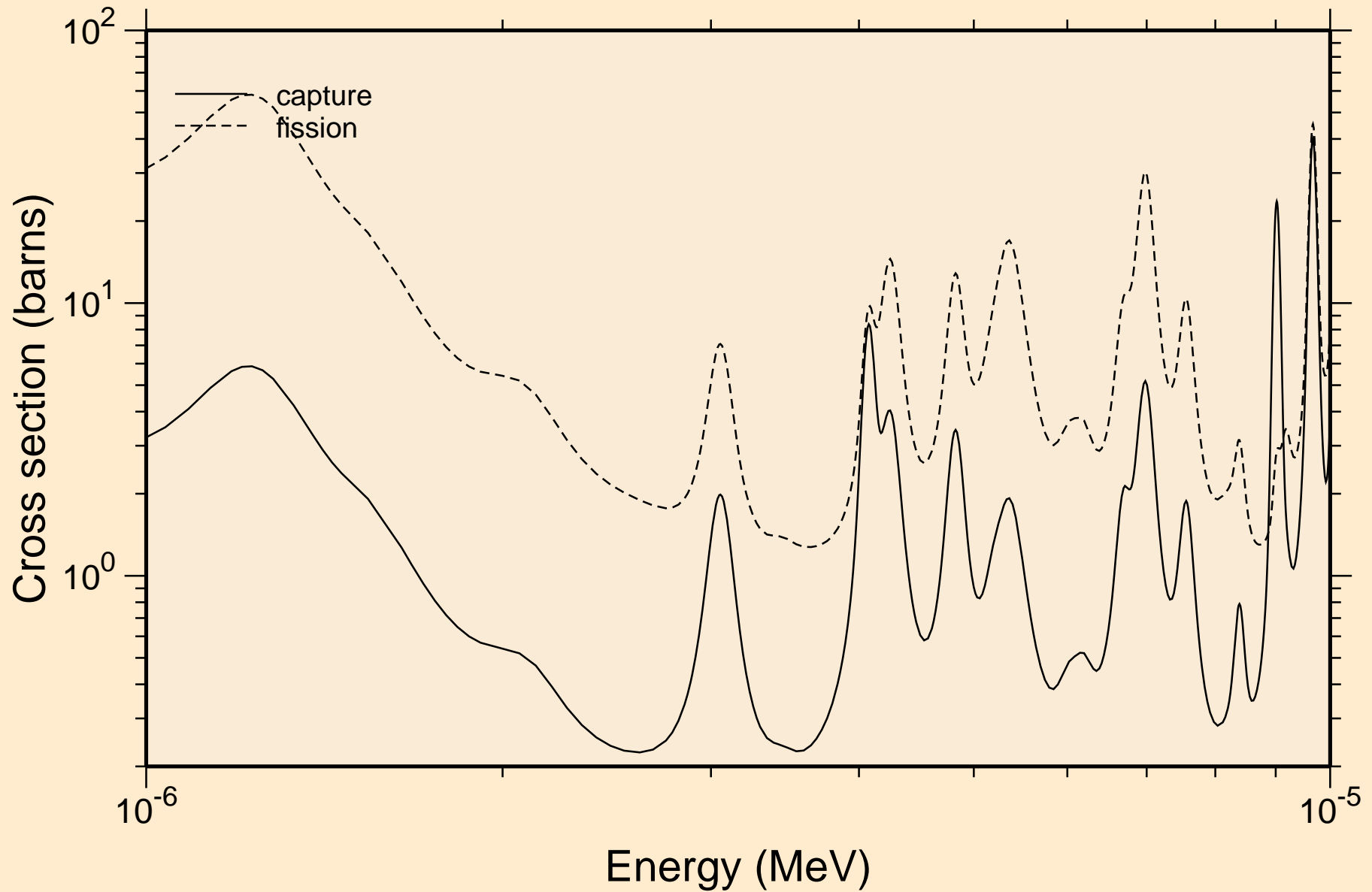
BK242 NRG TENDL-2015, AKONING  
resonance total cross section



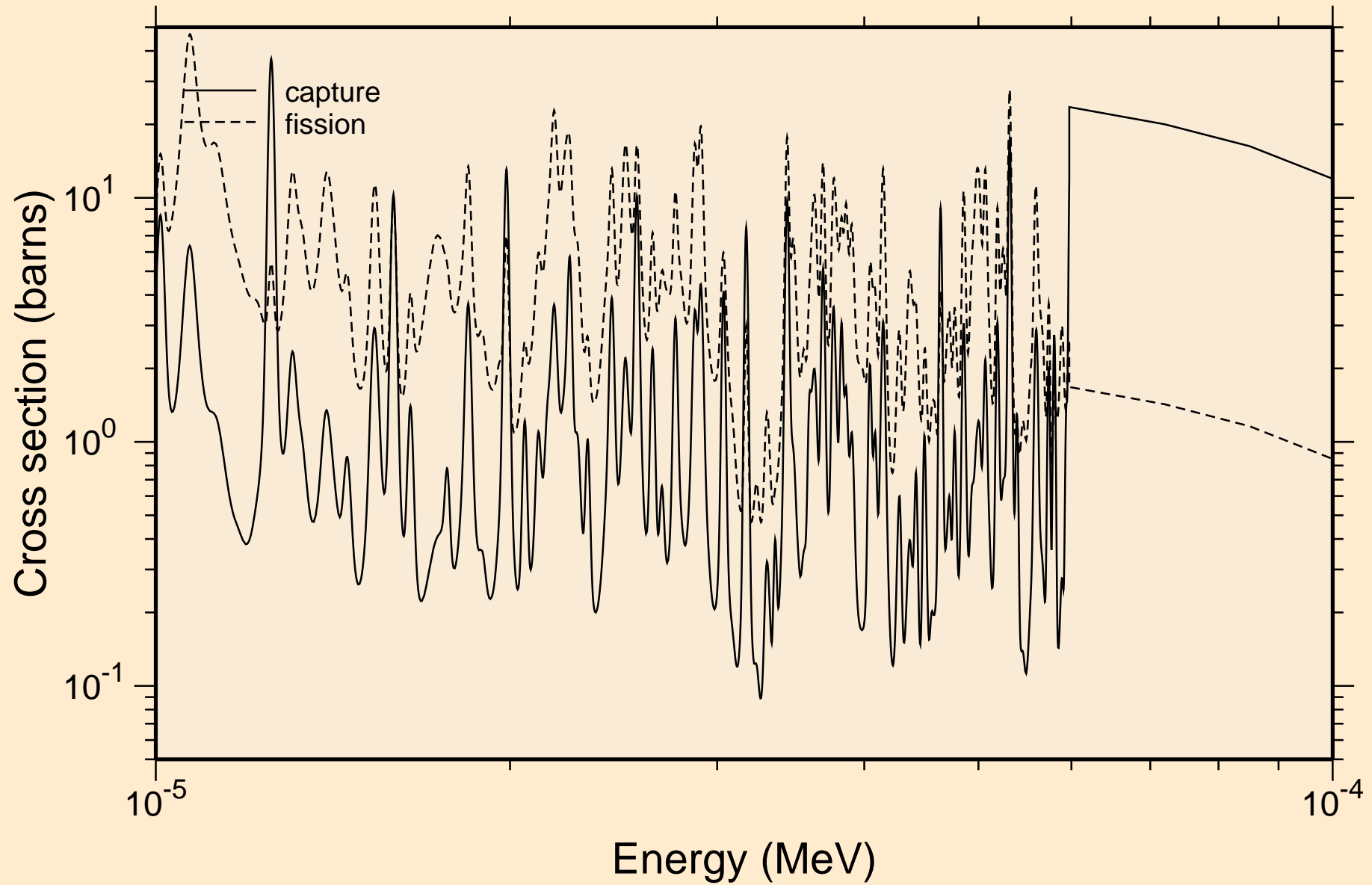
BK242 NRG TENDL-2015, AKONING  
resonance total cross section



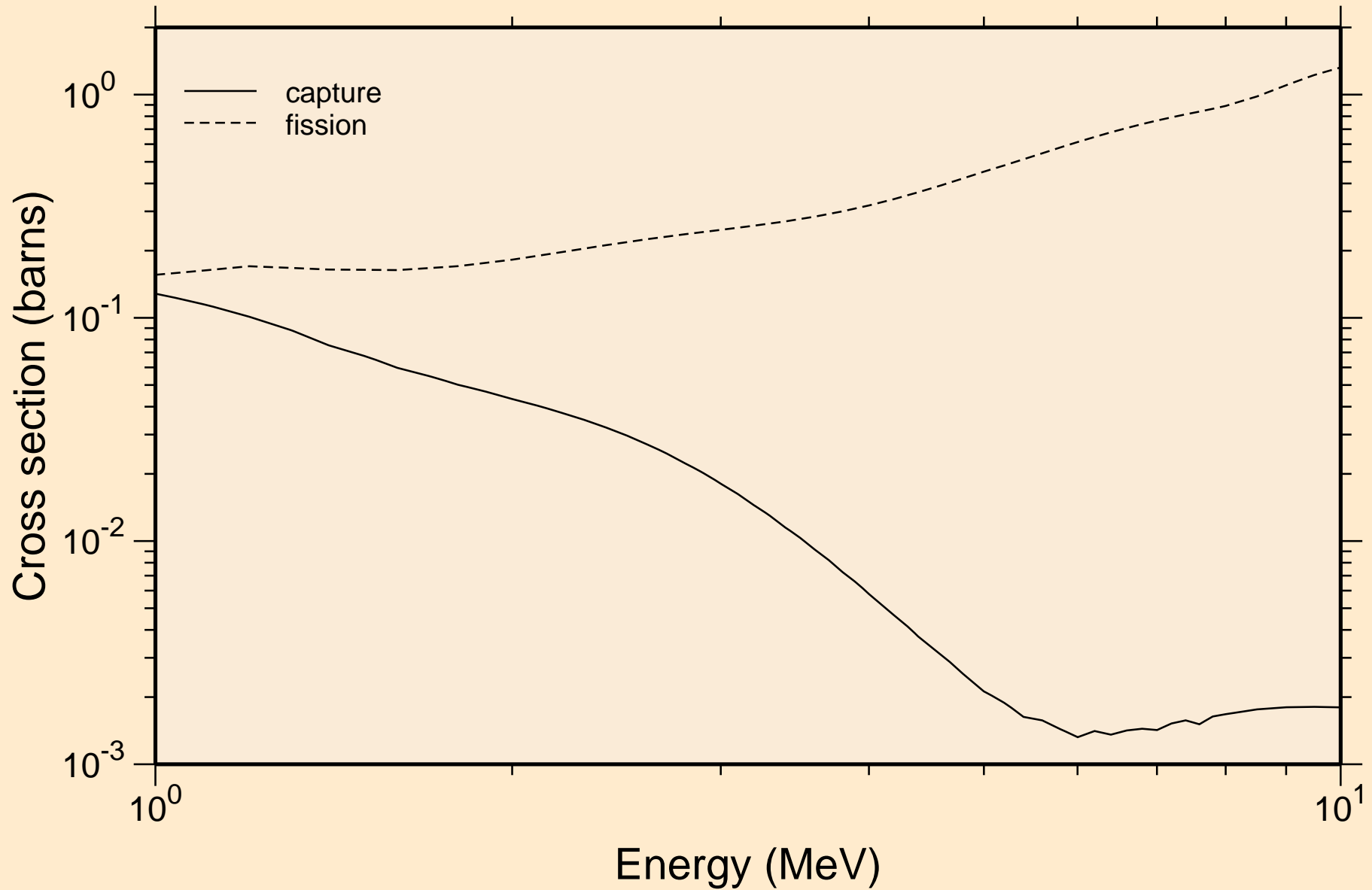
BK242 NRG TENDL-2015, AKONING  
resonance absorption cross sections



BK242 NRG TENDL-2015, AKONING  
resonance absorption cross sections

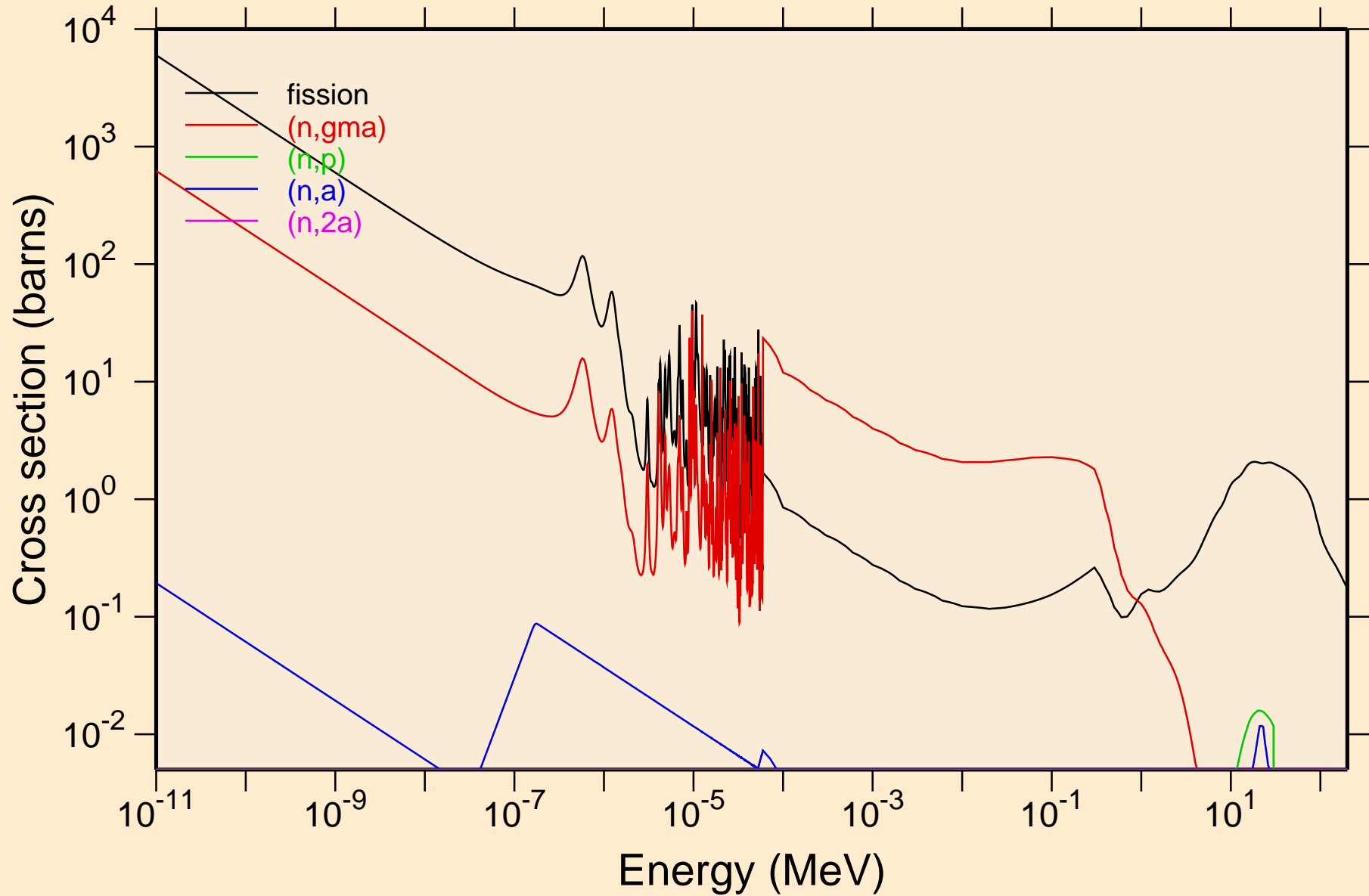


BK242 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# BK242 NRG TENDL-2015, AKONING

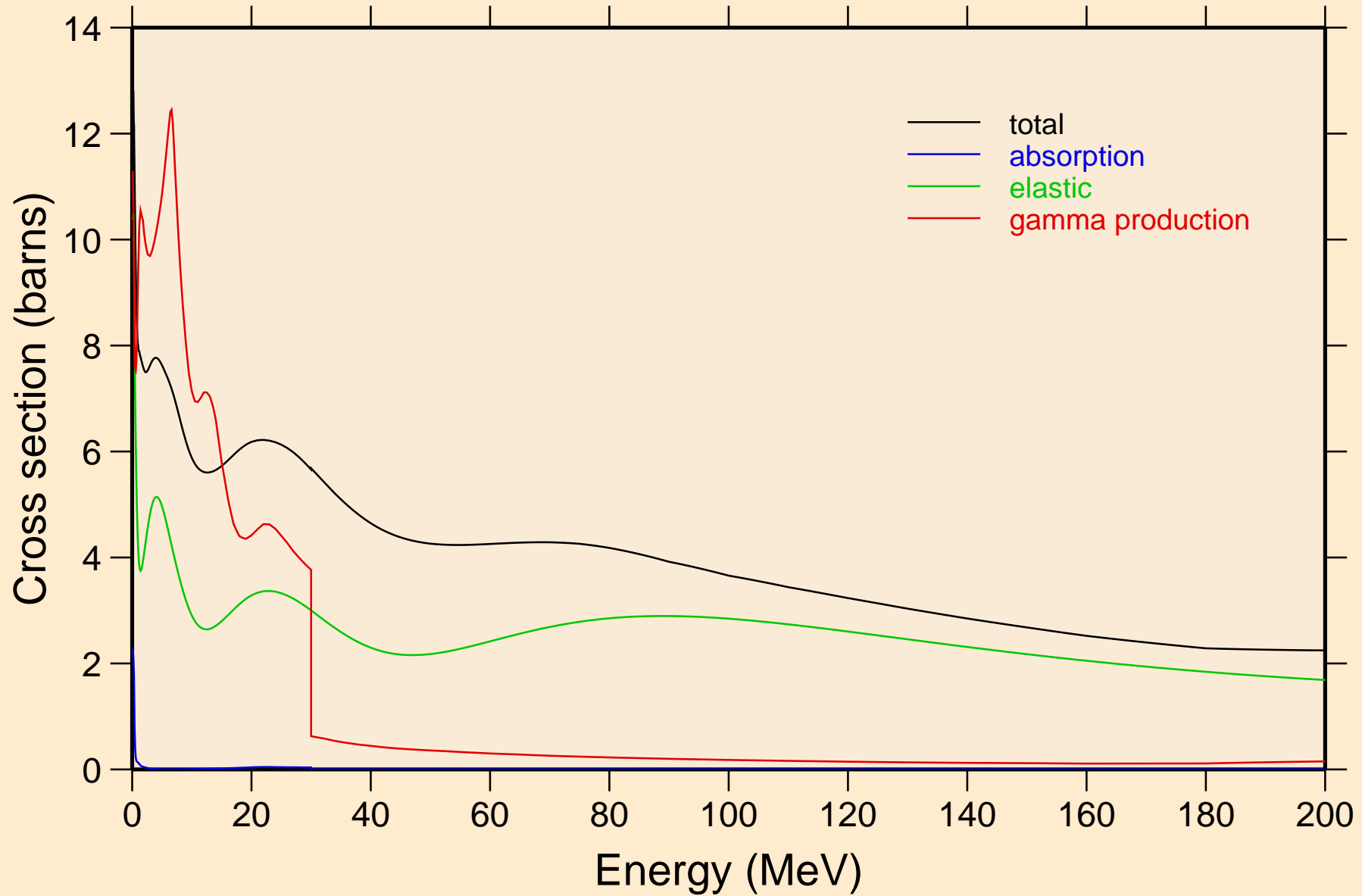
## Non-threshold reactions





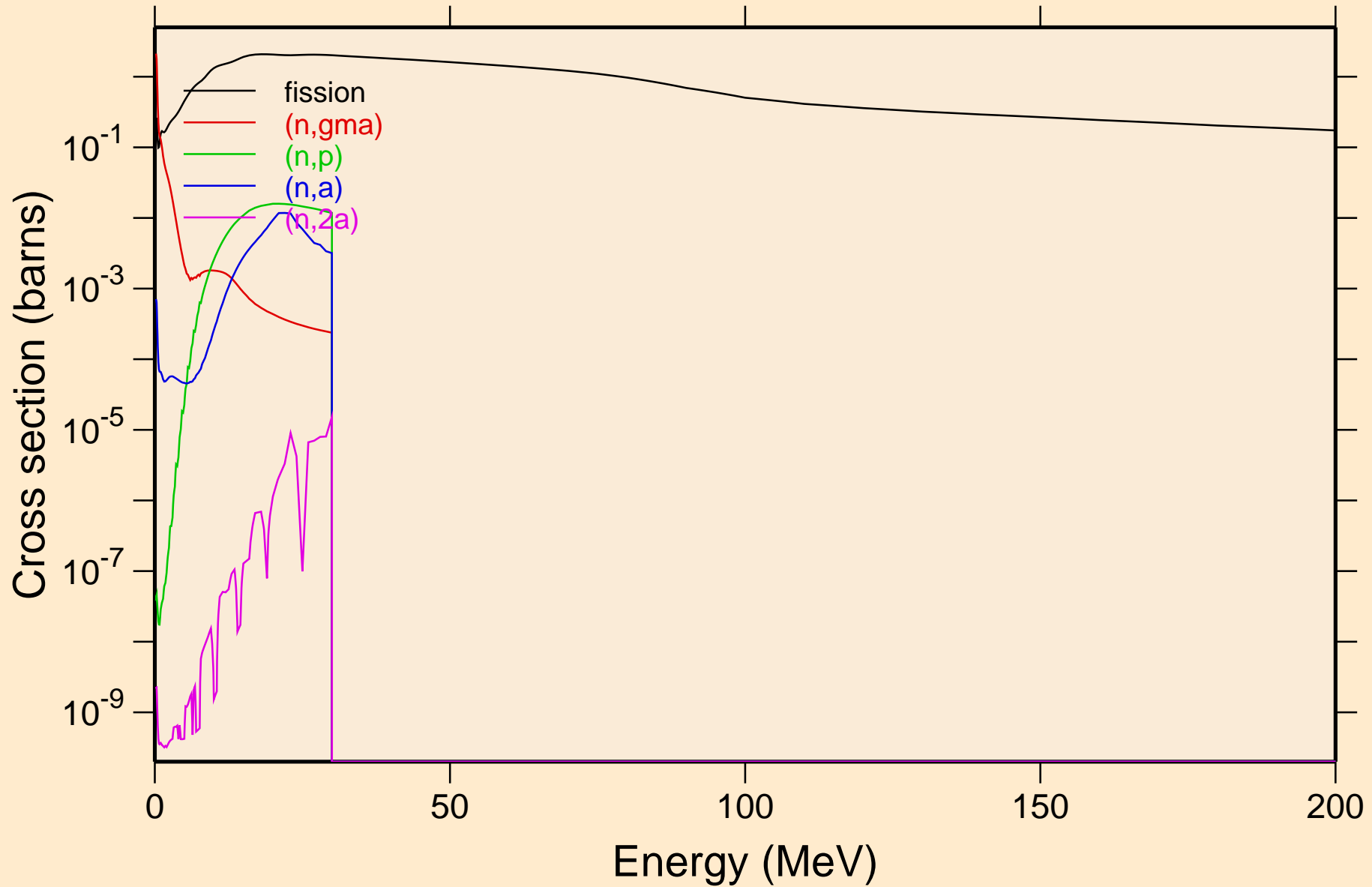
# BK242 NRG TENDL-2015, AKONING

## Principal cross sections



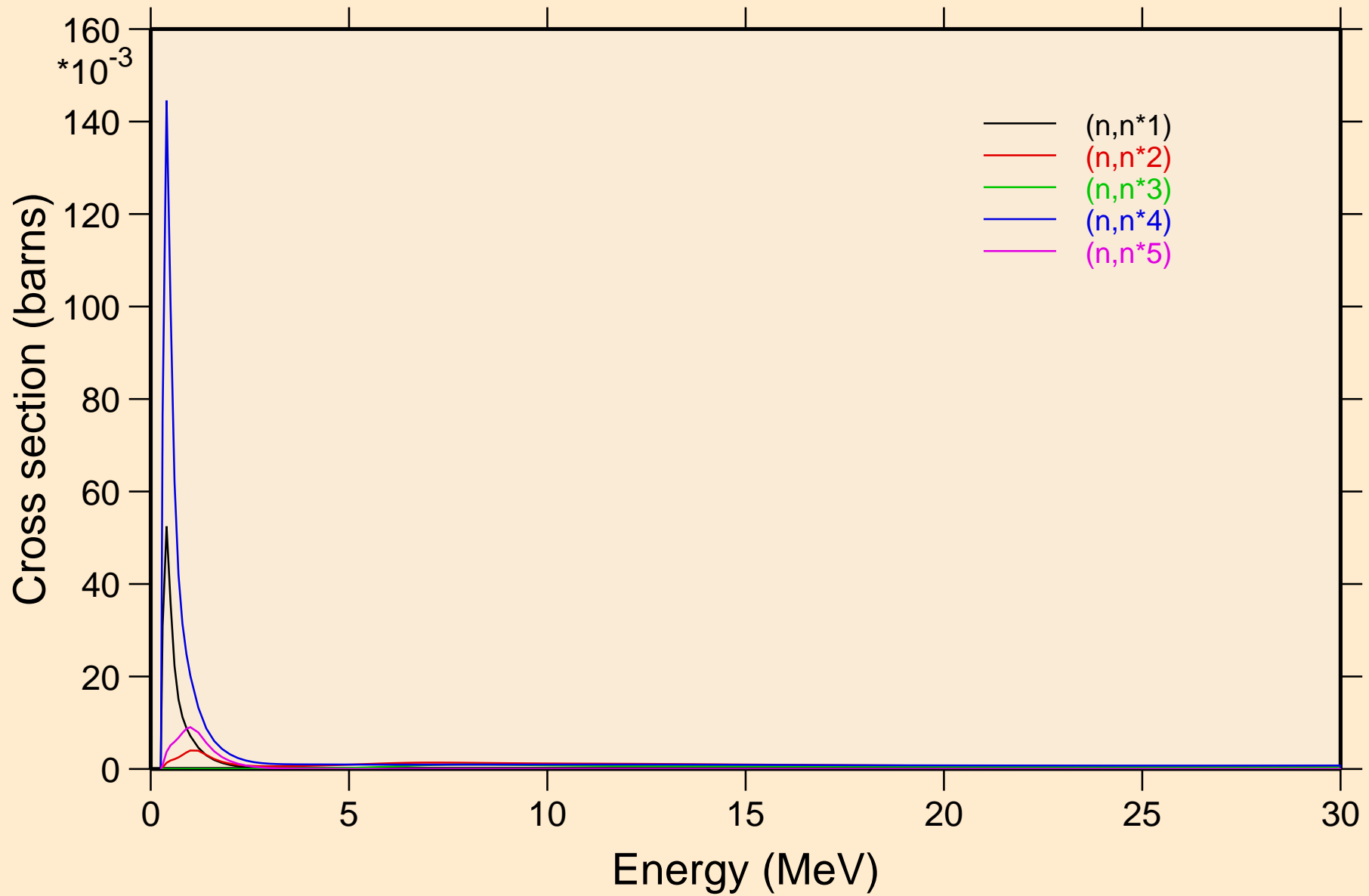
# BK242 NRG TENDL-2015, AKONING

## Non-threshold reactions



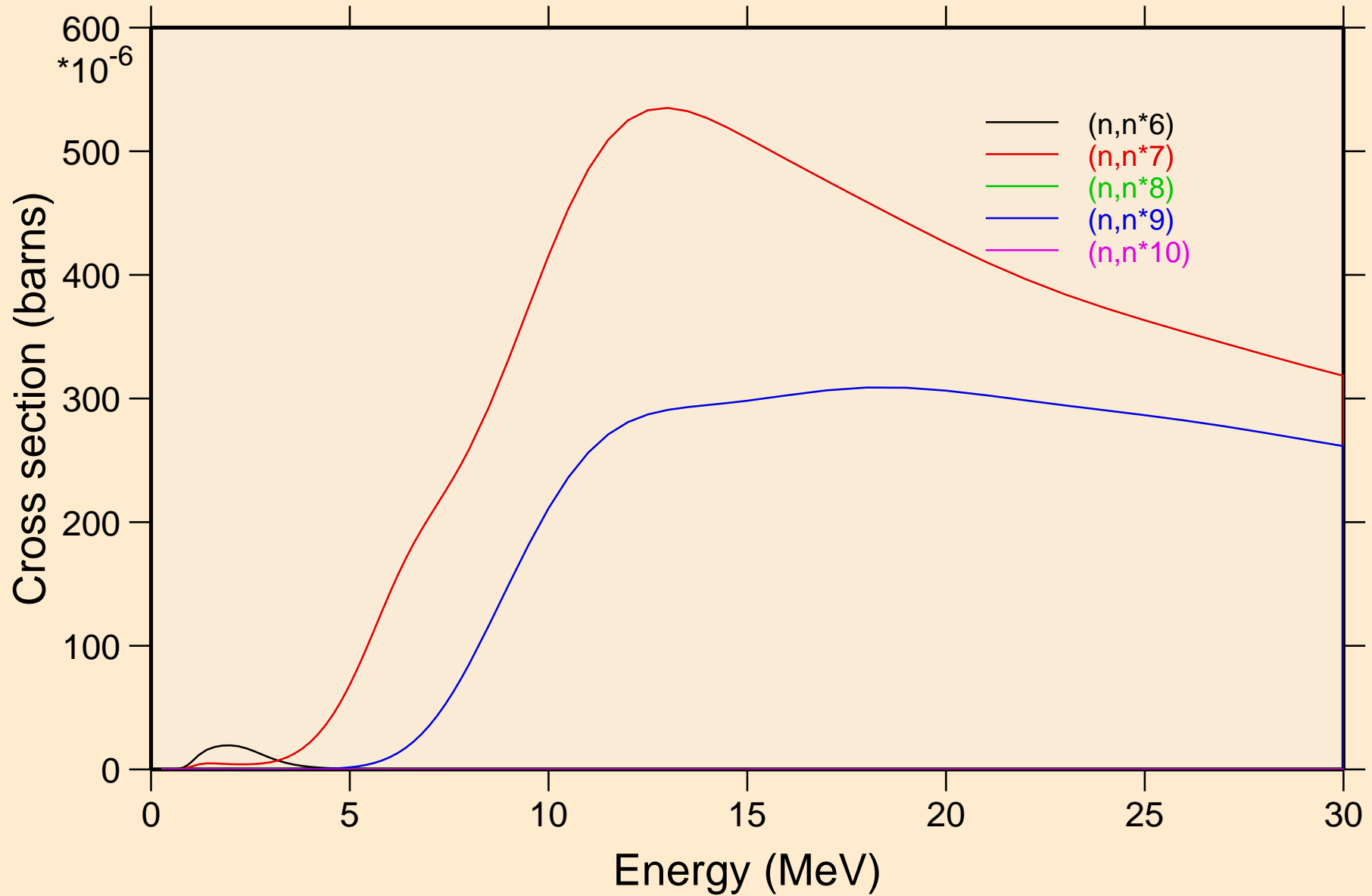
# BK242 NRG TENDL-2015, AKONING

## Inelastic levels



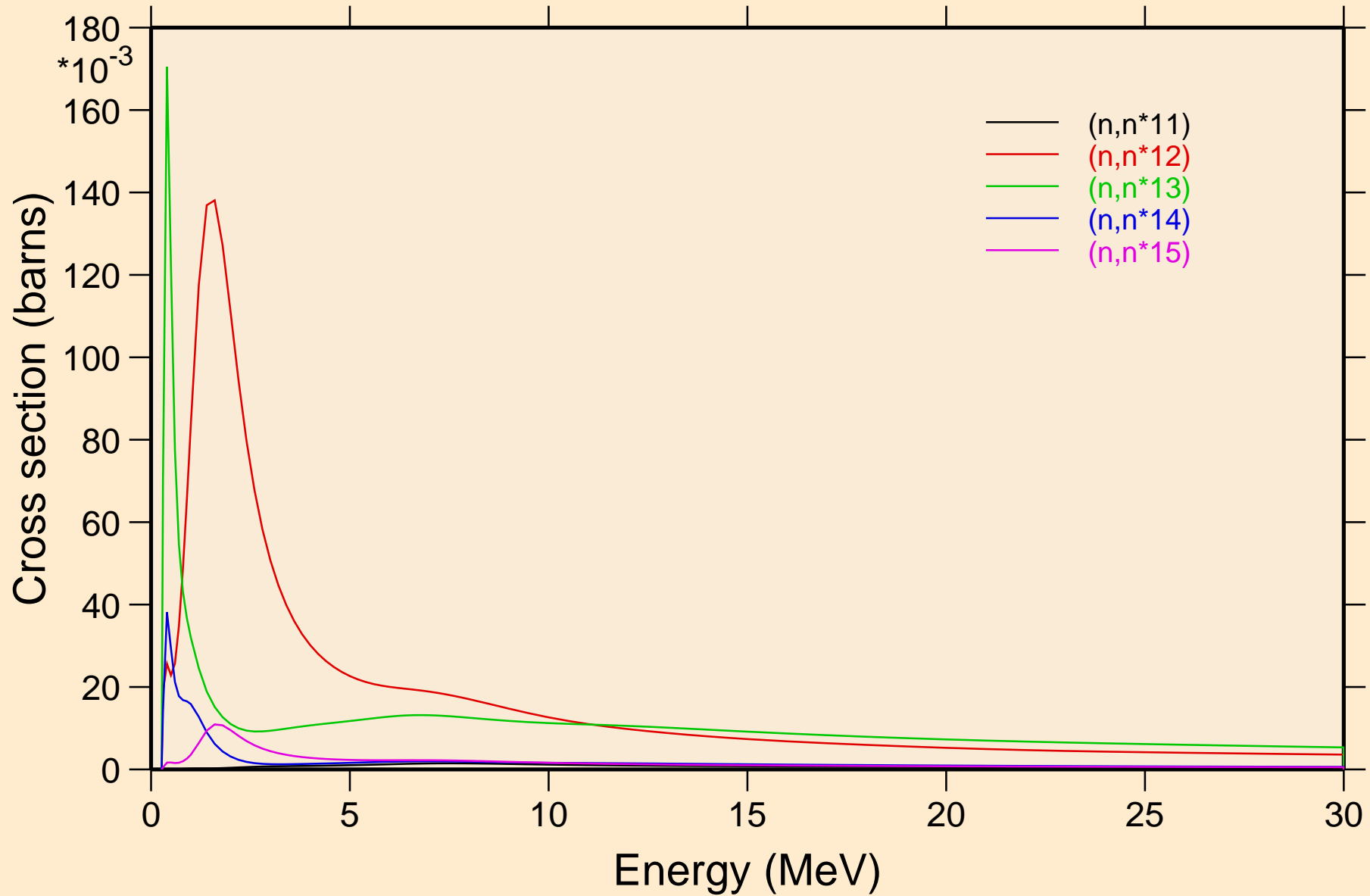
# BK242 NRG TENDL-2015, AKONING

## Inelastic levels



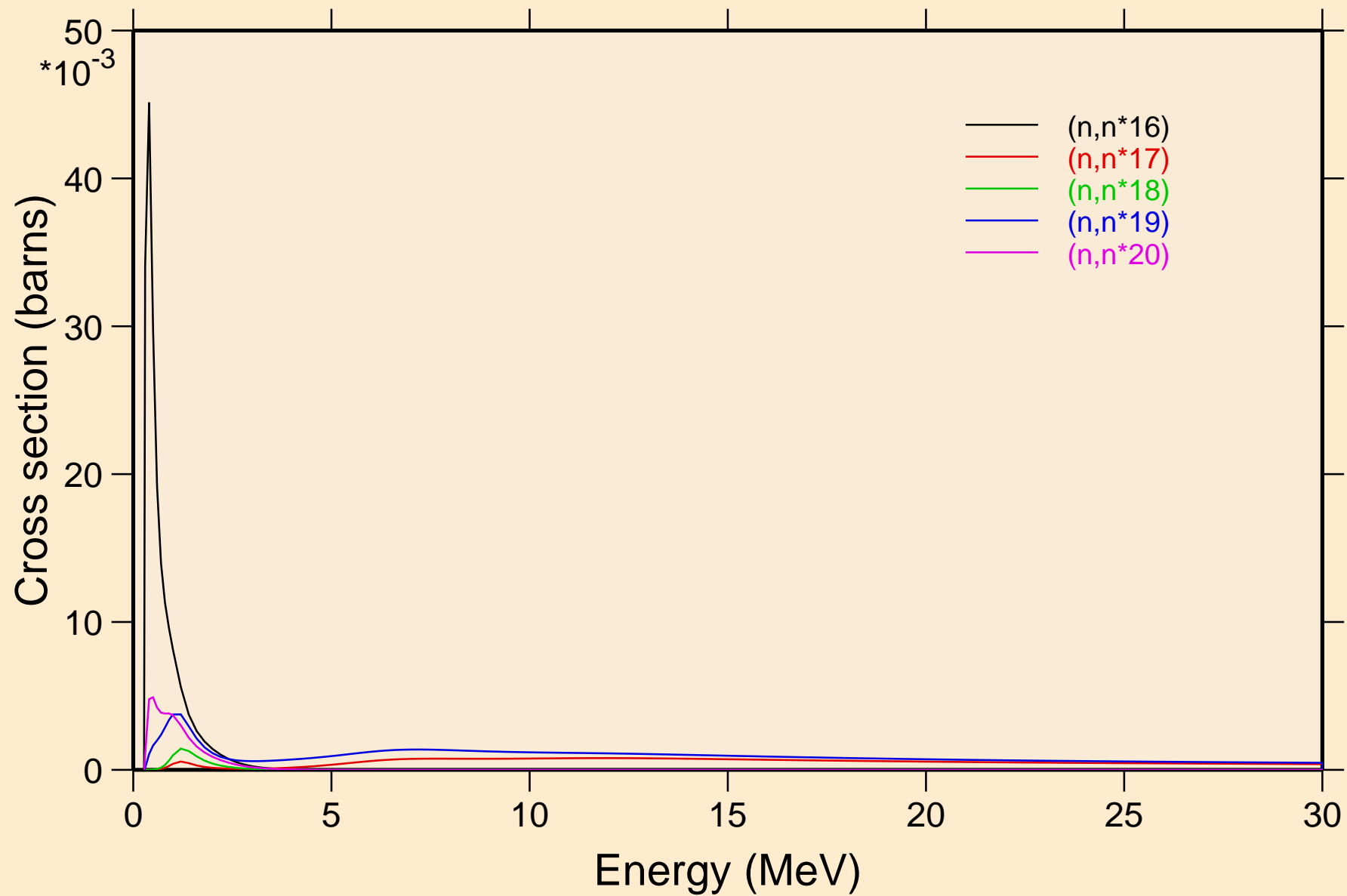
# BK242 NRG TENDL-2015, AKONING

## Inelastic levels



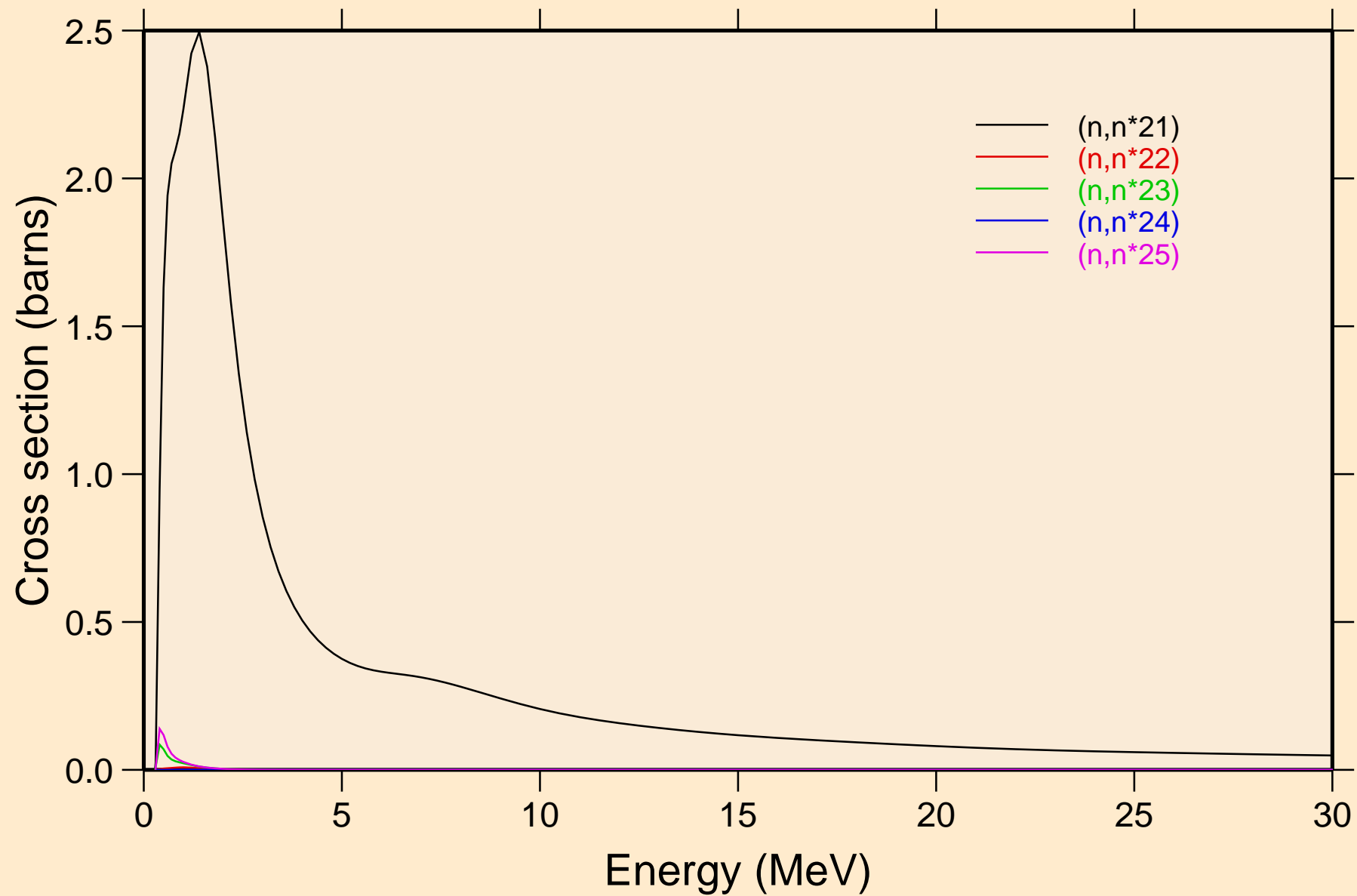
# BK242 NRG TENDL-2015, AKONING

## Inelastic levels



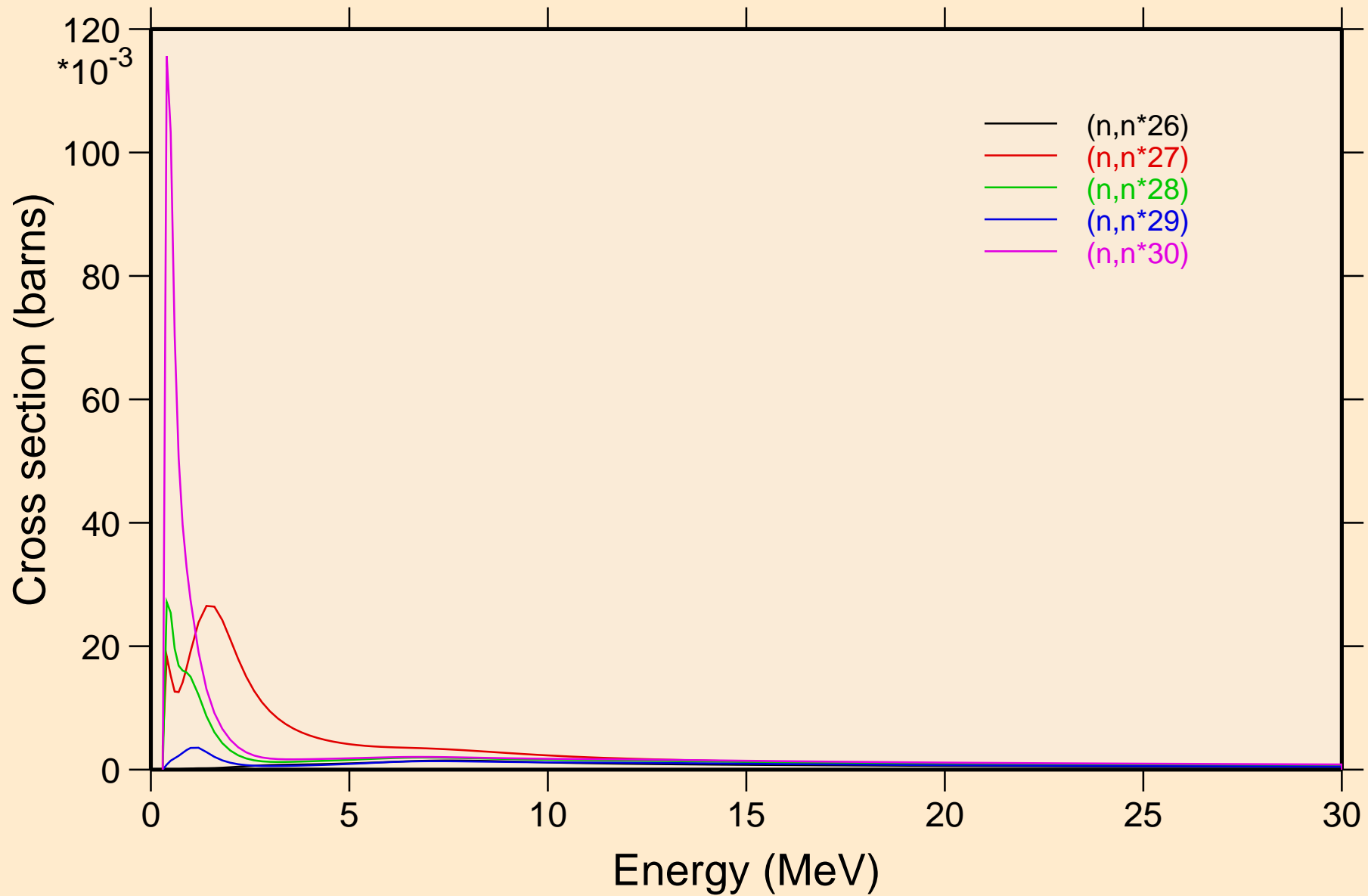
# BK242 NRG TENDL-2015, AKONING

## Inelastic levels



# BK242 NRG TENDL-2015, AKONING

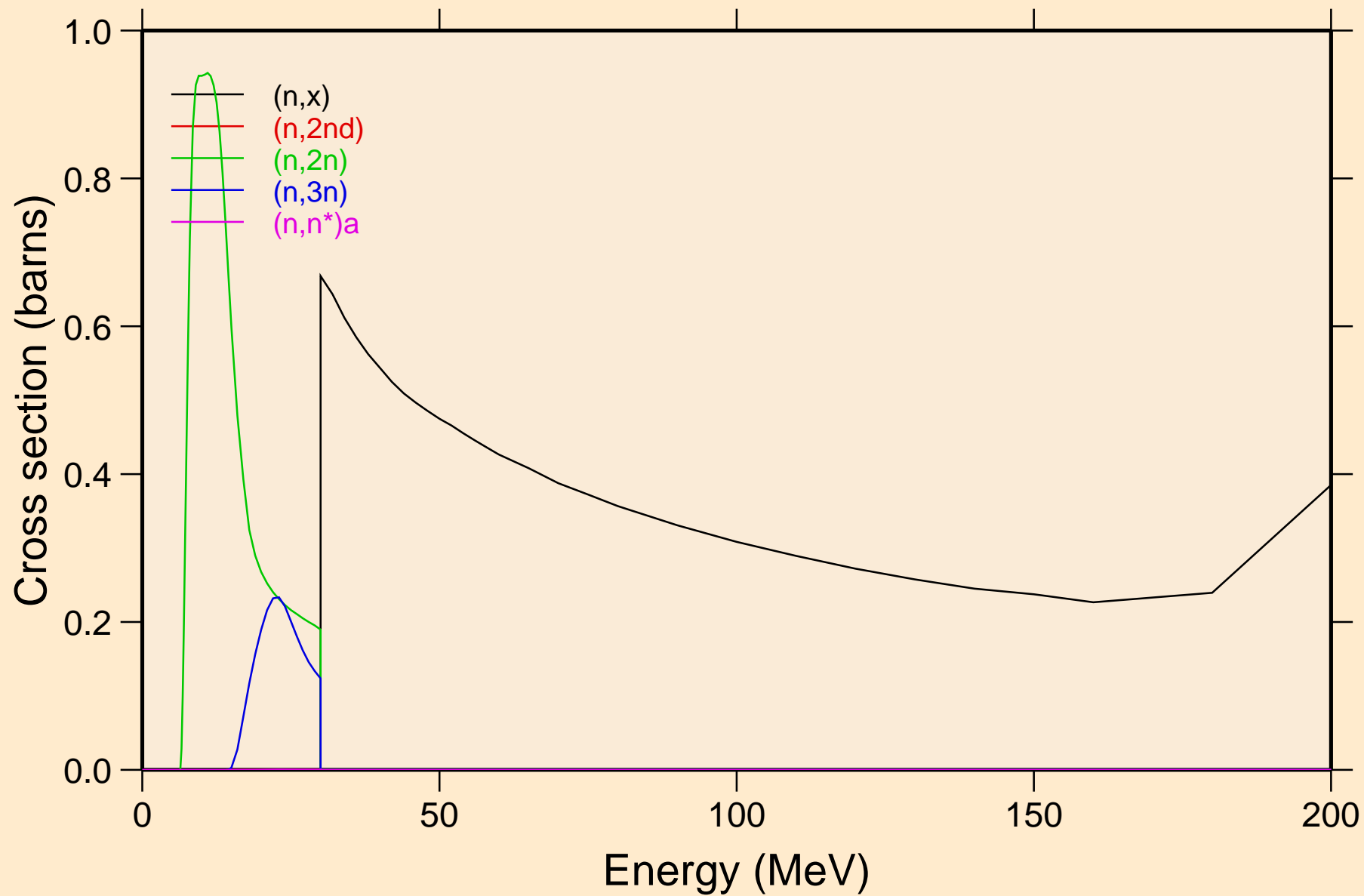
## Inelastic levels





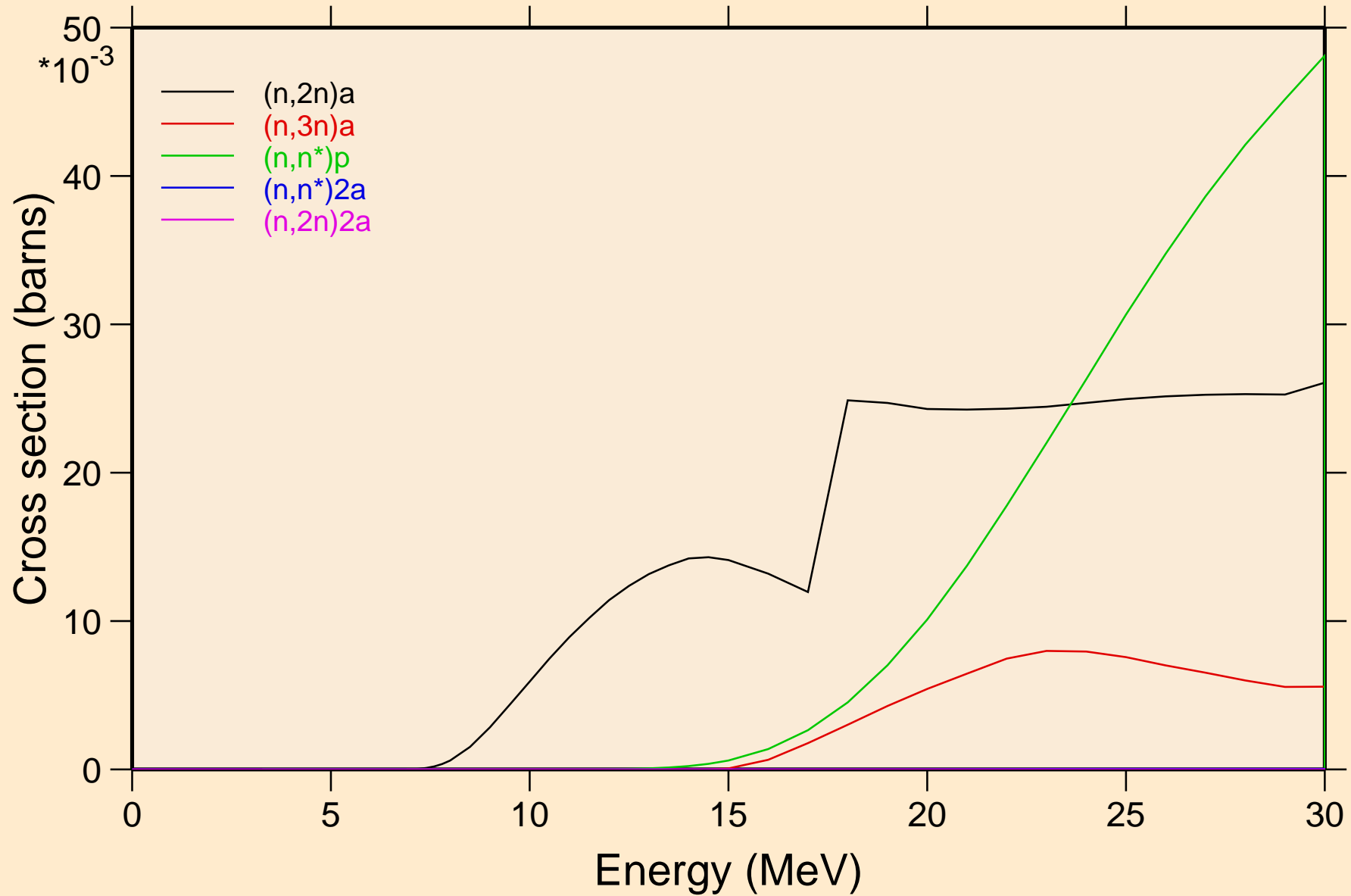
# BK242 NRG TENDL-2015, AKONING

## Threshold reactions



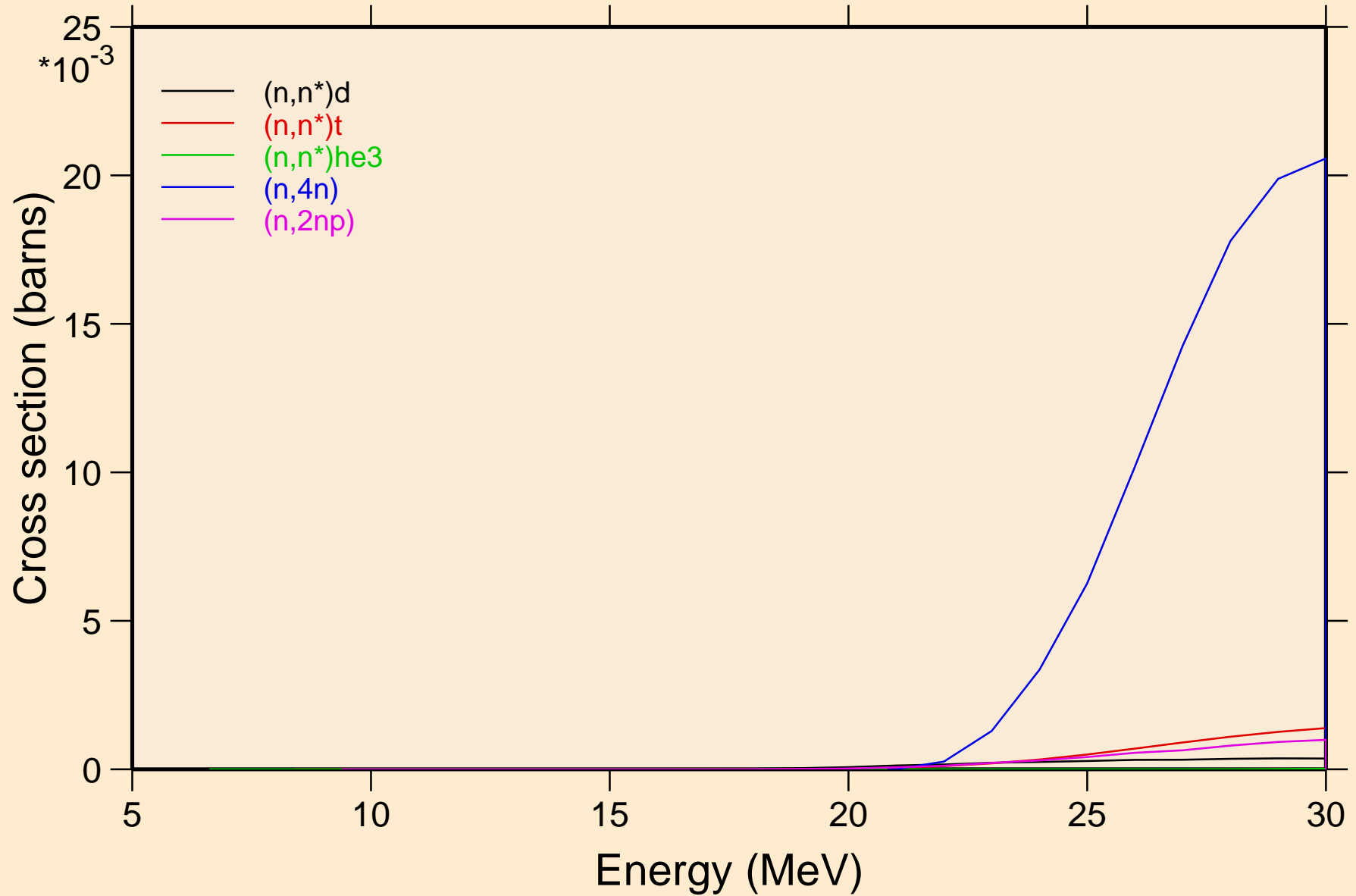
# BK242 NRG TENDL-2015, AKONING

## Threshold reactions



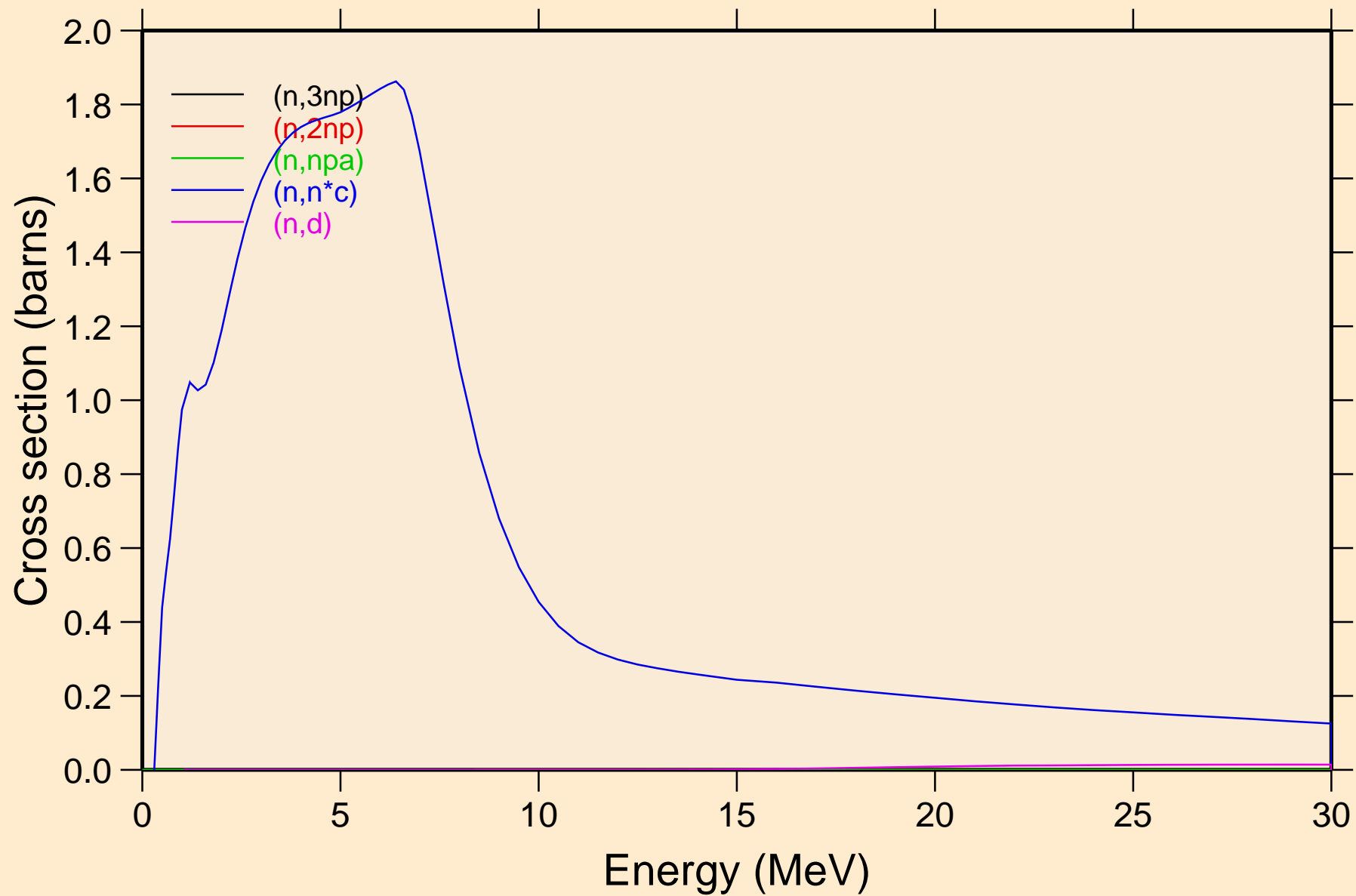
# BK242 NRG TENDL-2015, AKONING

## Threshold reactions



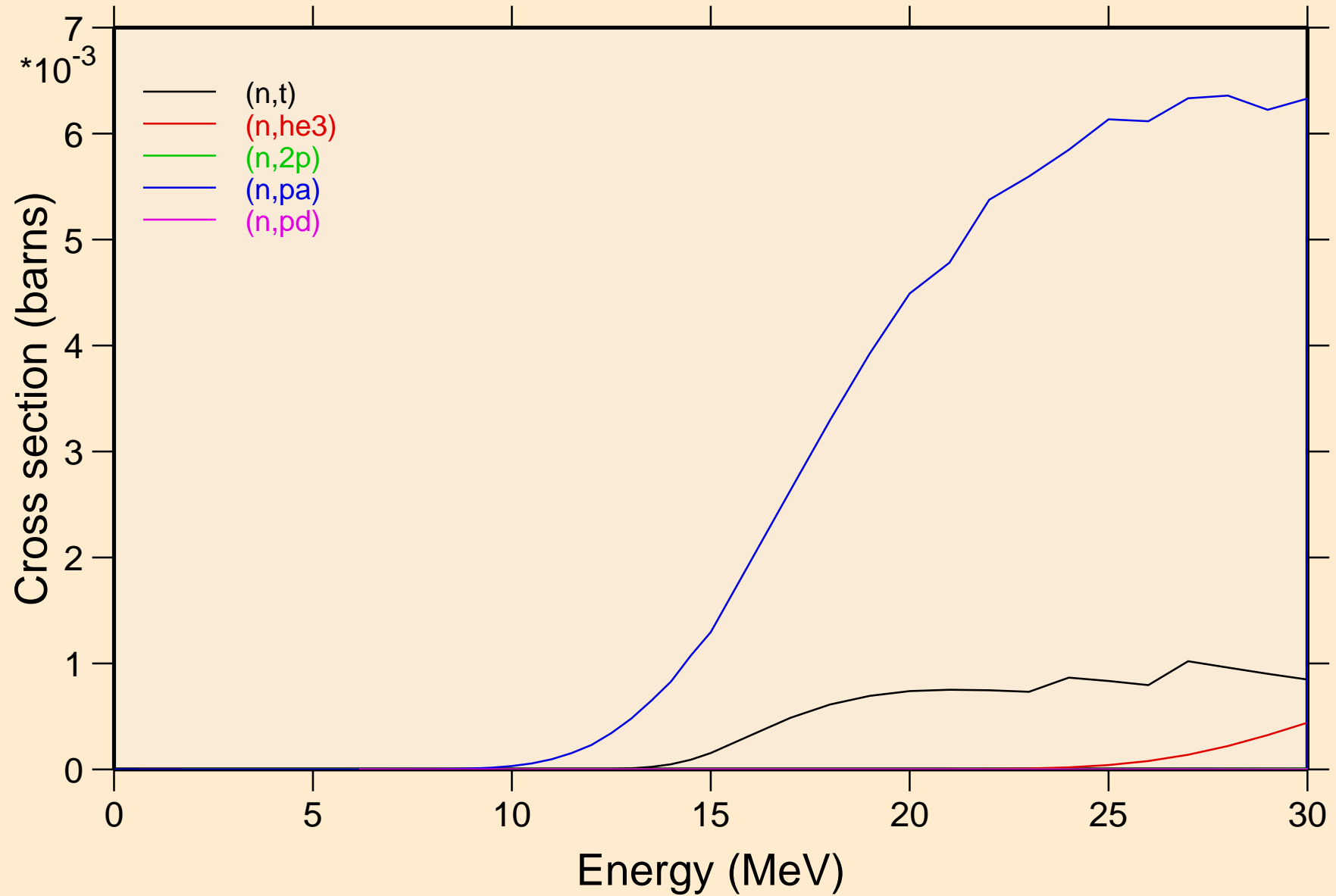
# BK242 NRG TENDL-2015, AKONING

## Threshold reactions



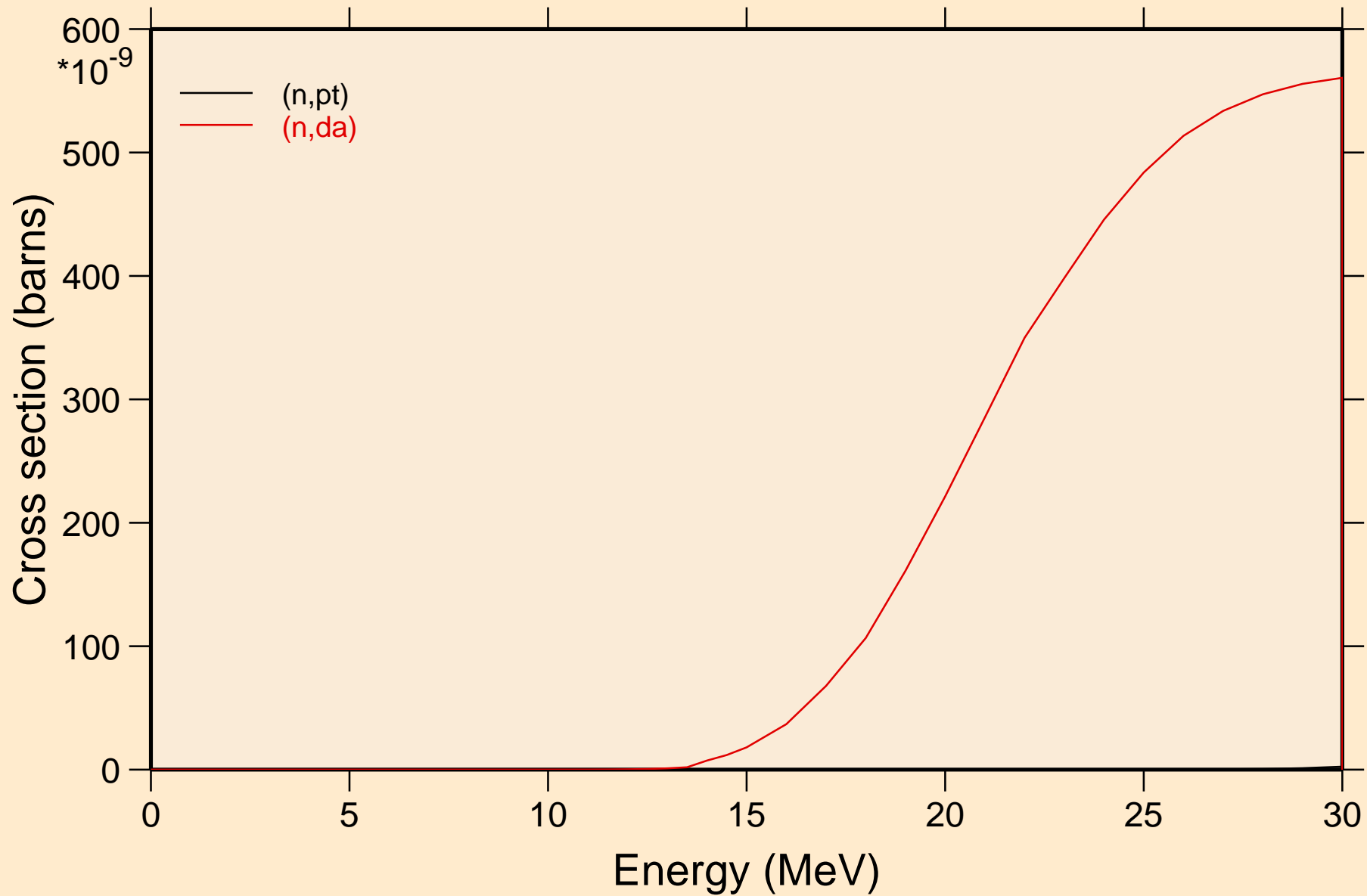
# BK242 NRG TENDL-2015, AKONING

## Threshold reactions

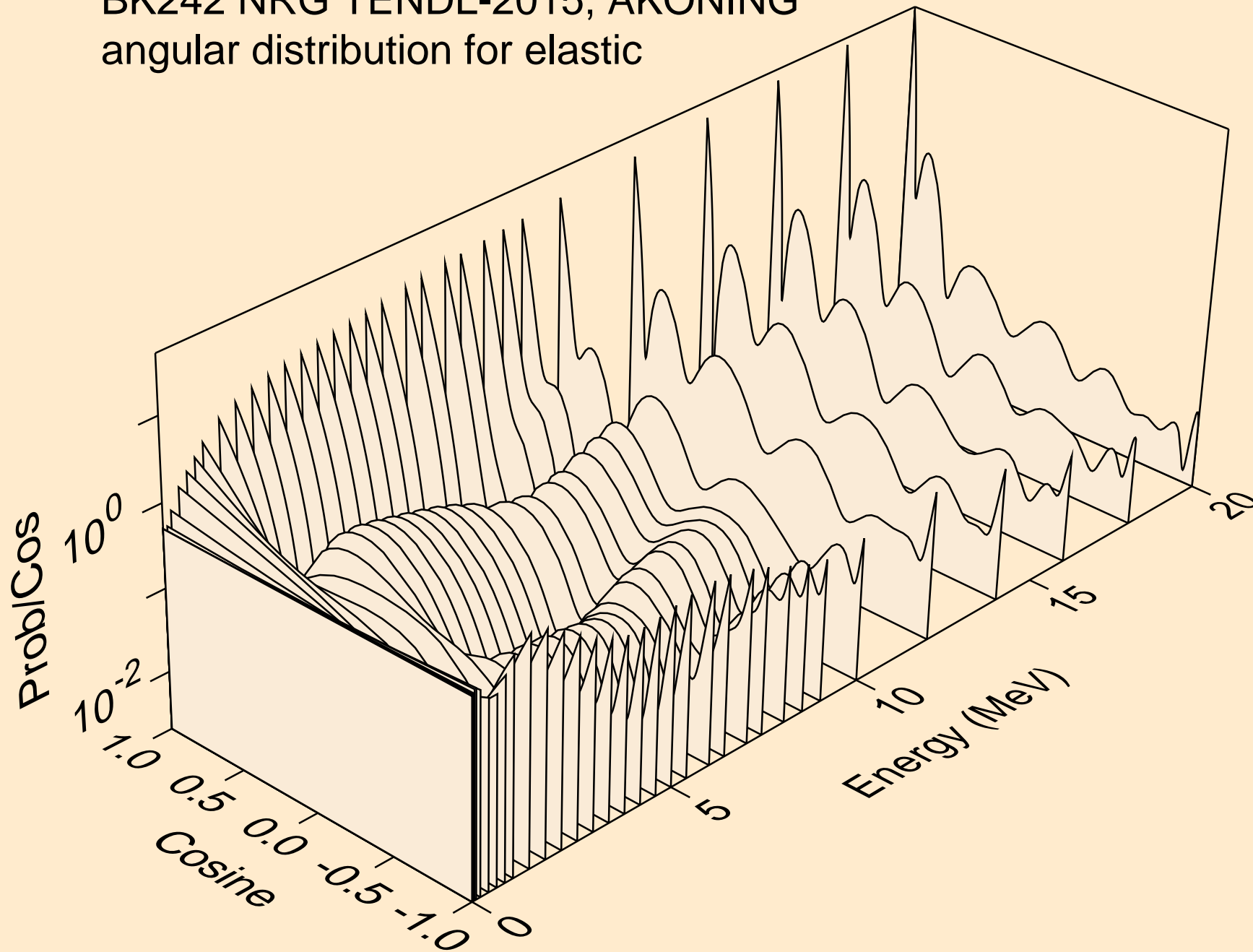


# BK242 NRG TENDL-2015, AKONING

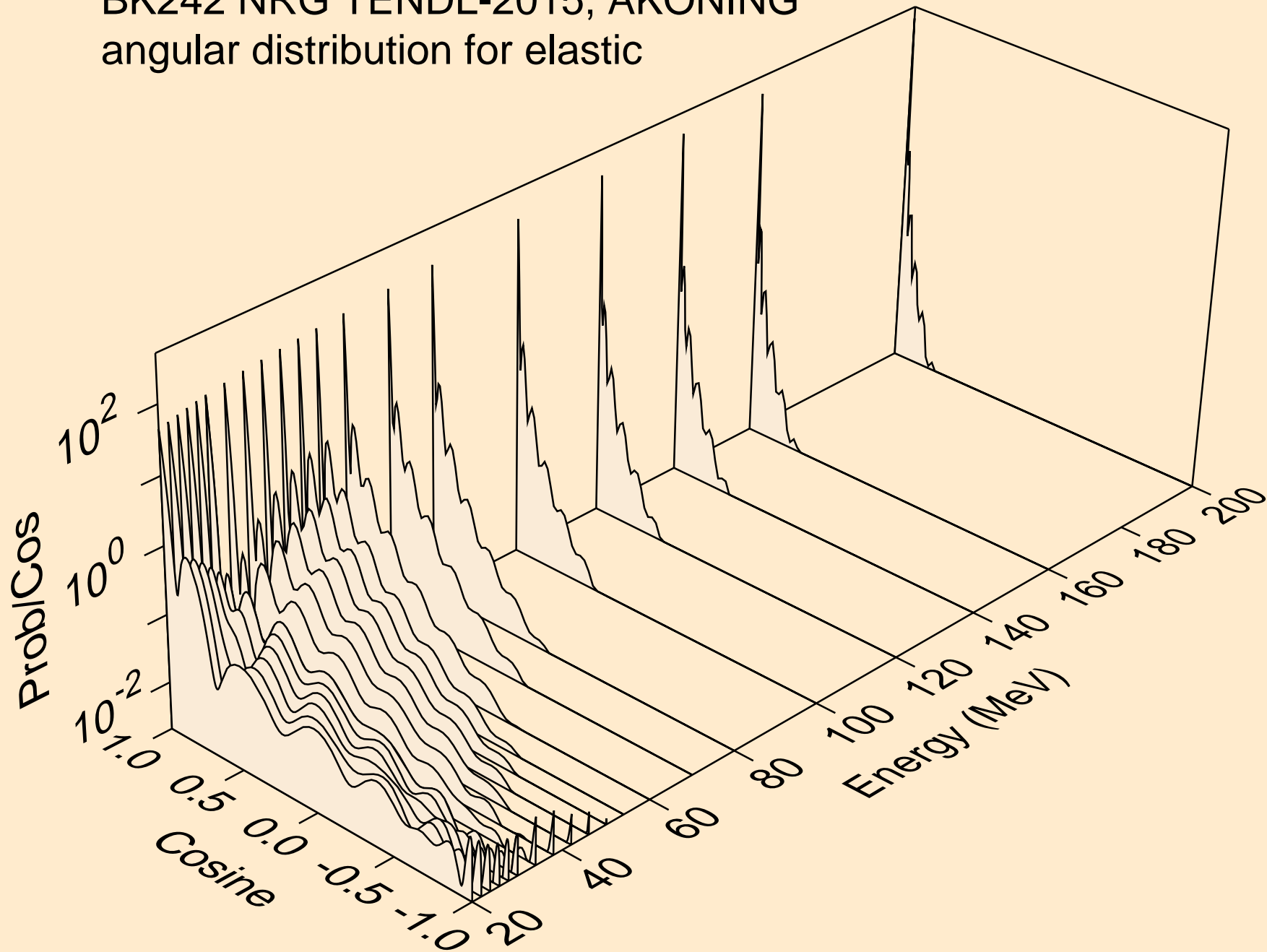
## Threshold reactions



BK242 NRG TENDL-2015, AKONING  
angular distribution for elastic

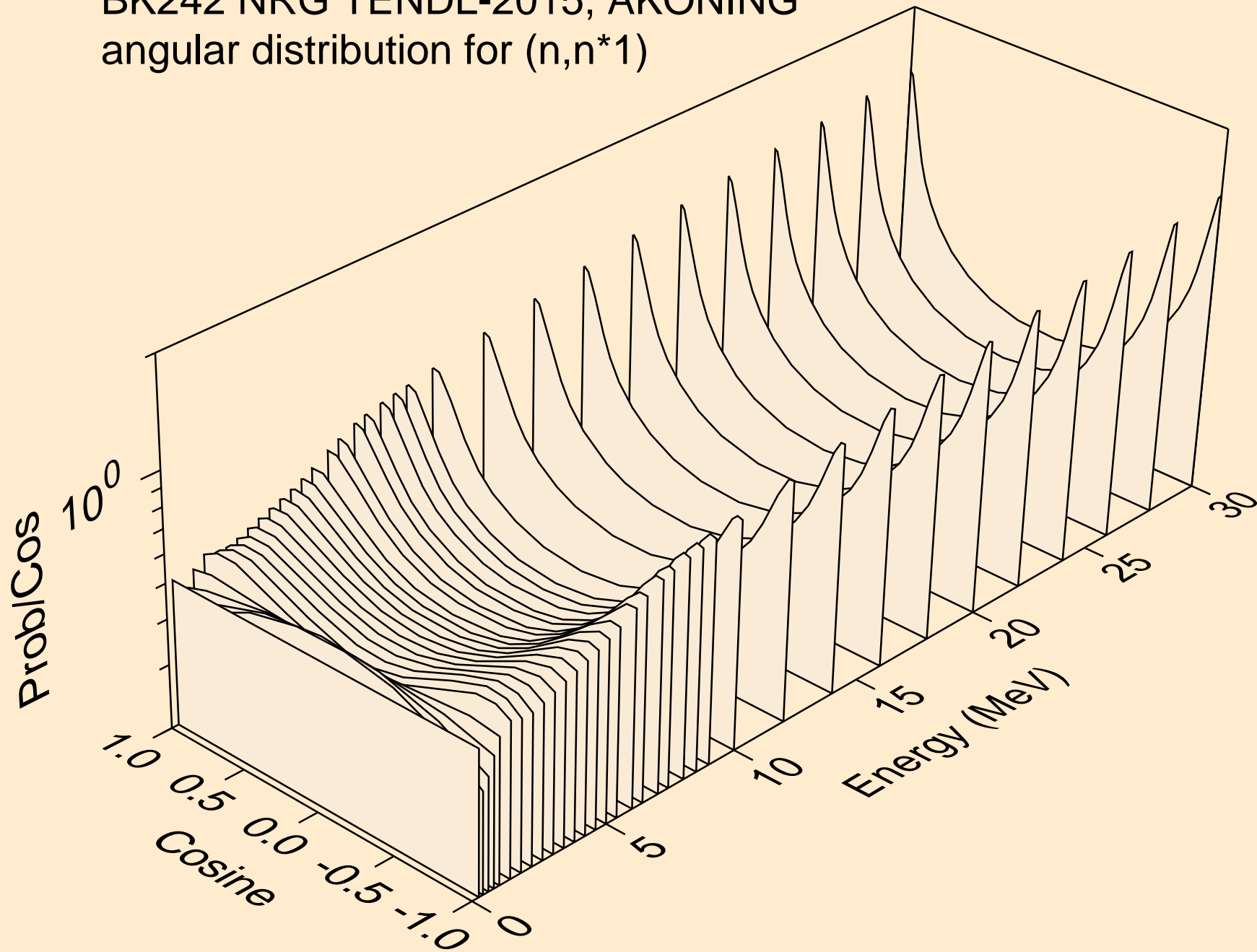


BK242 NRG TENDL-2015, AKONING  
angular distribution for elastic

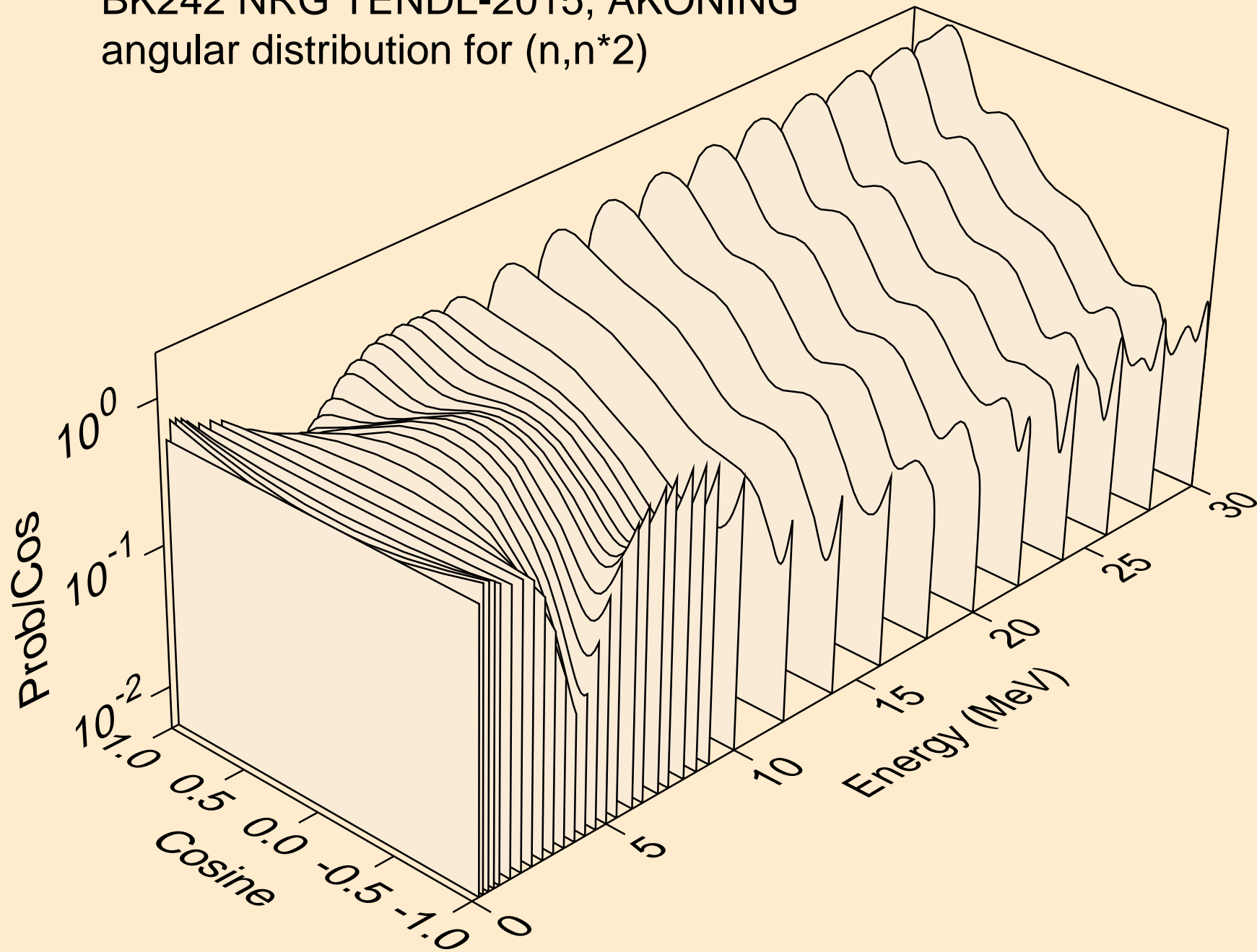




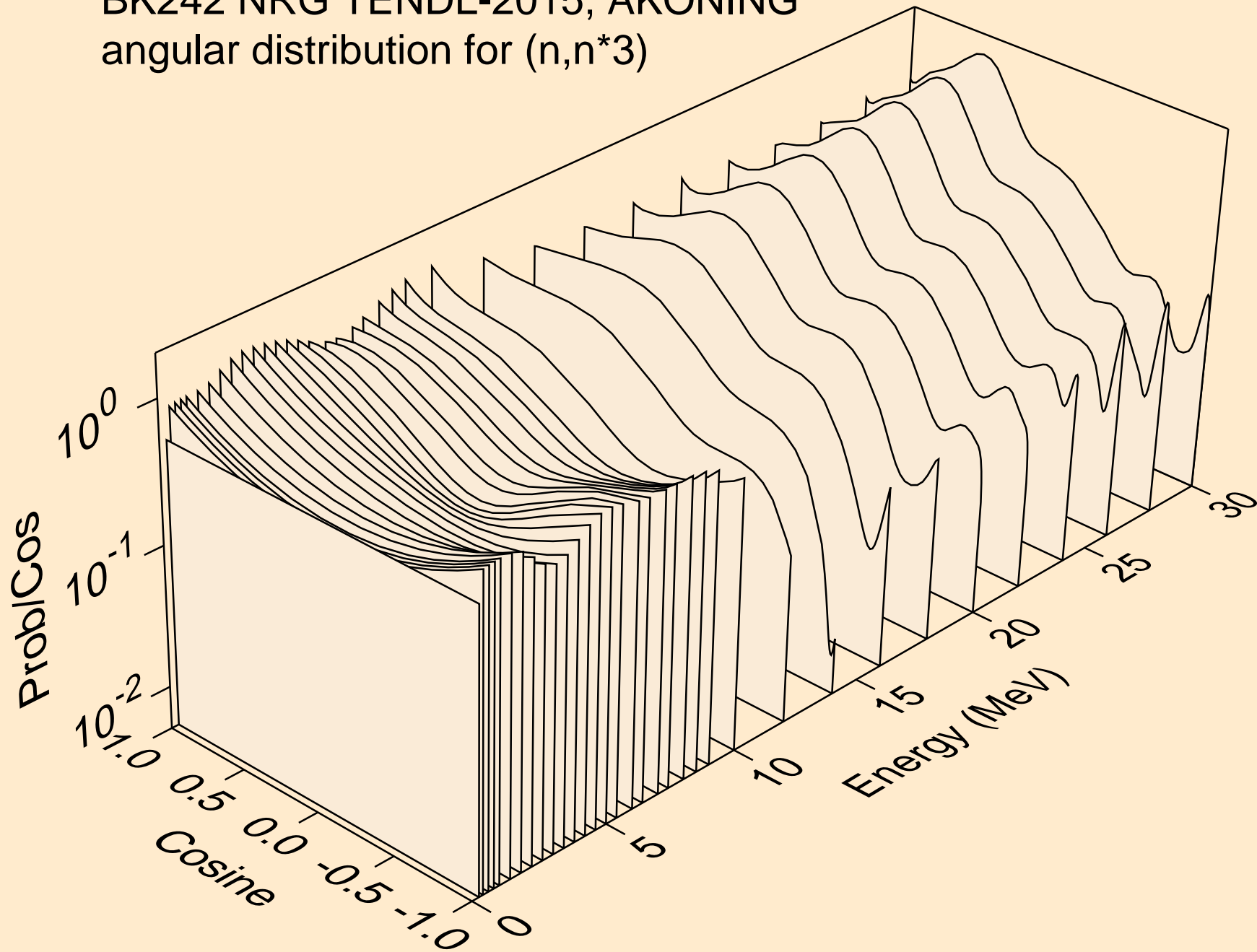
BK242 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



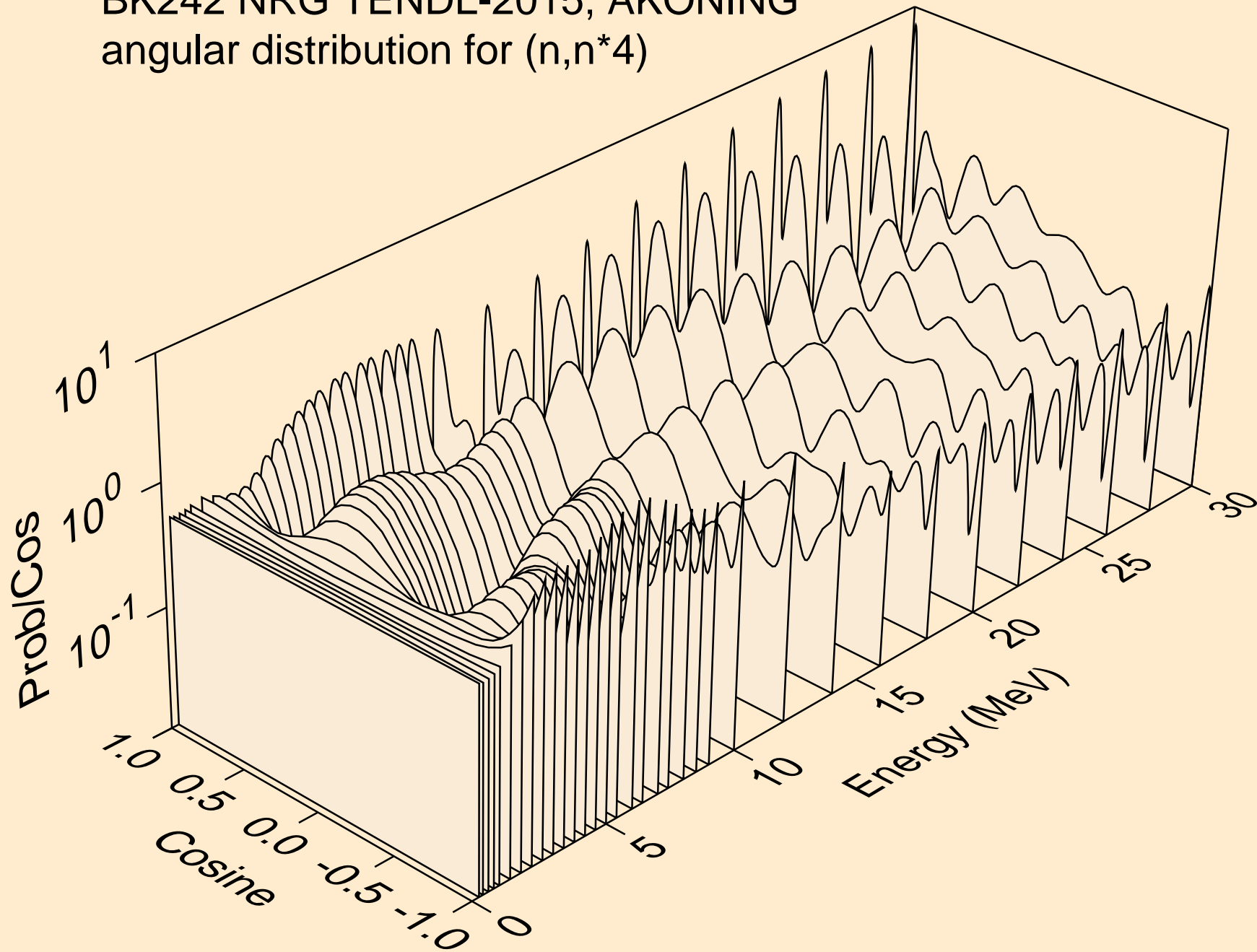
BK242 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



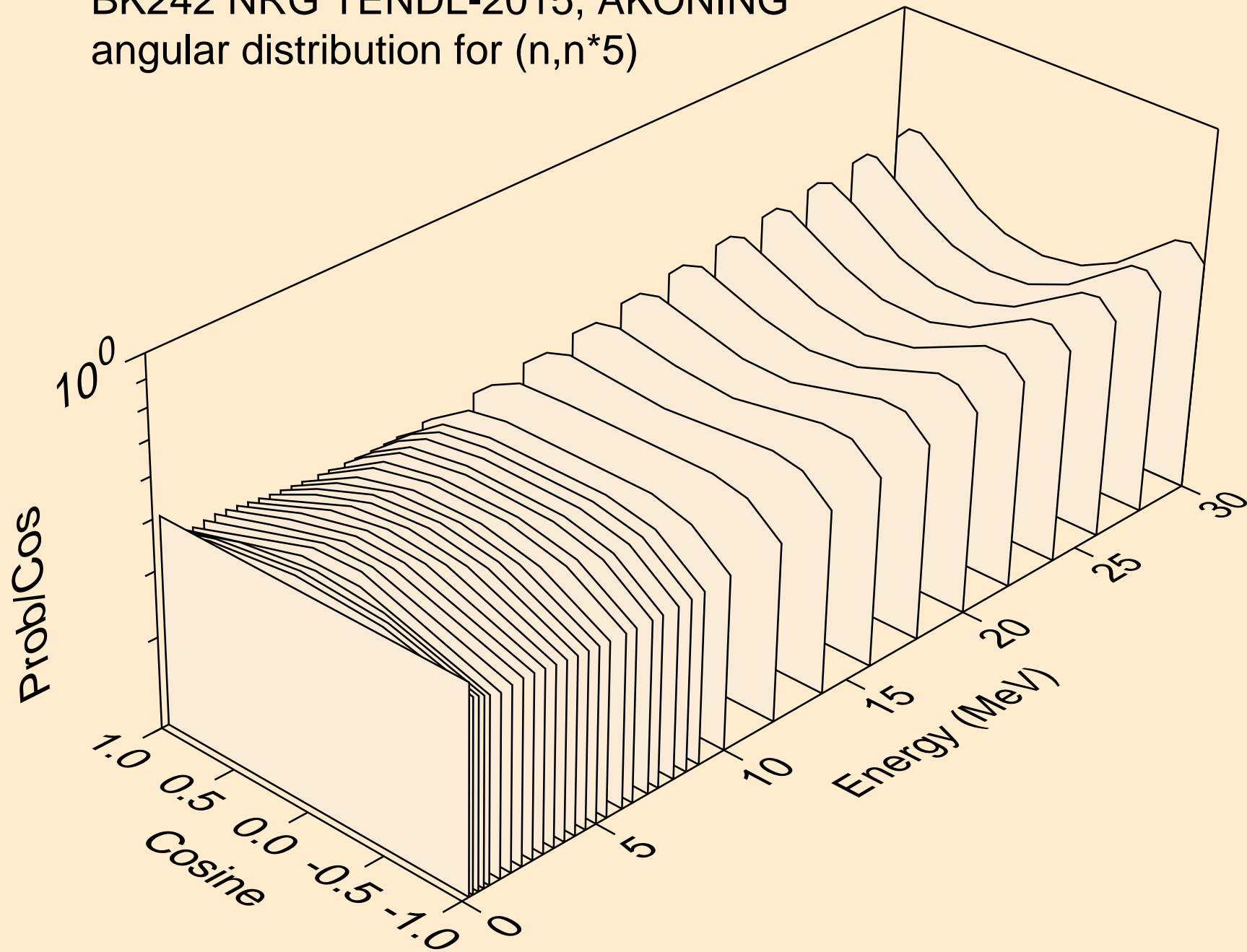
BK242 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



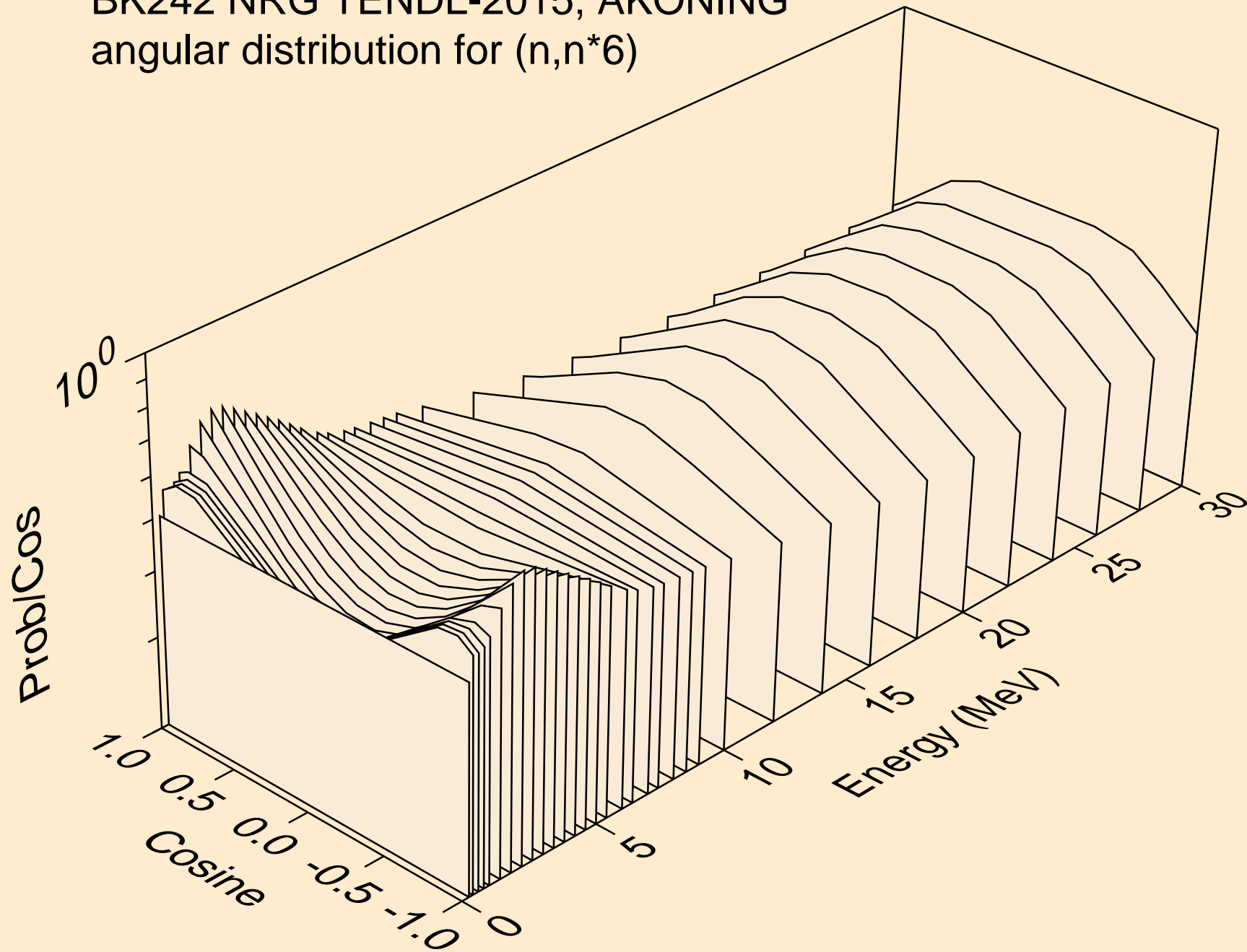
BK242 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



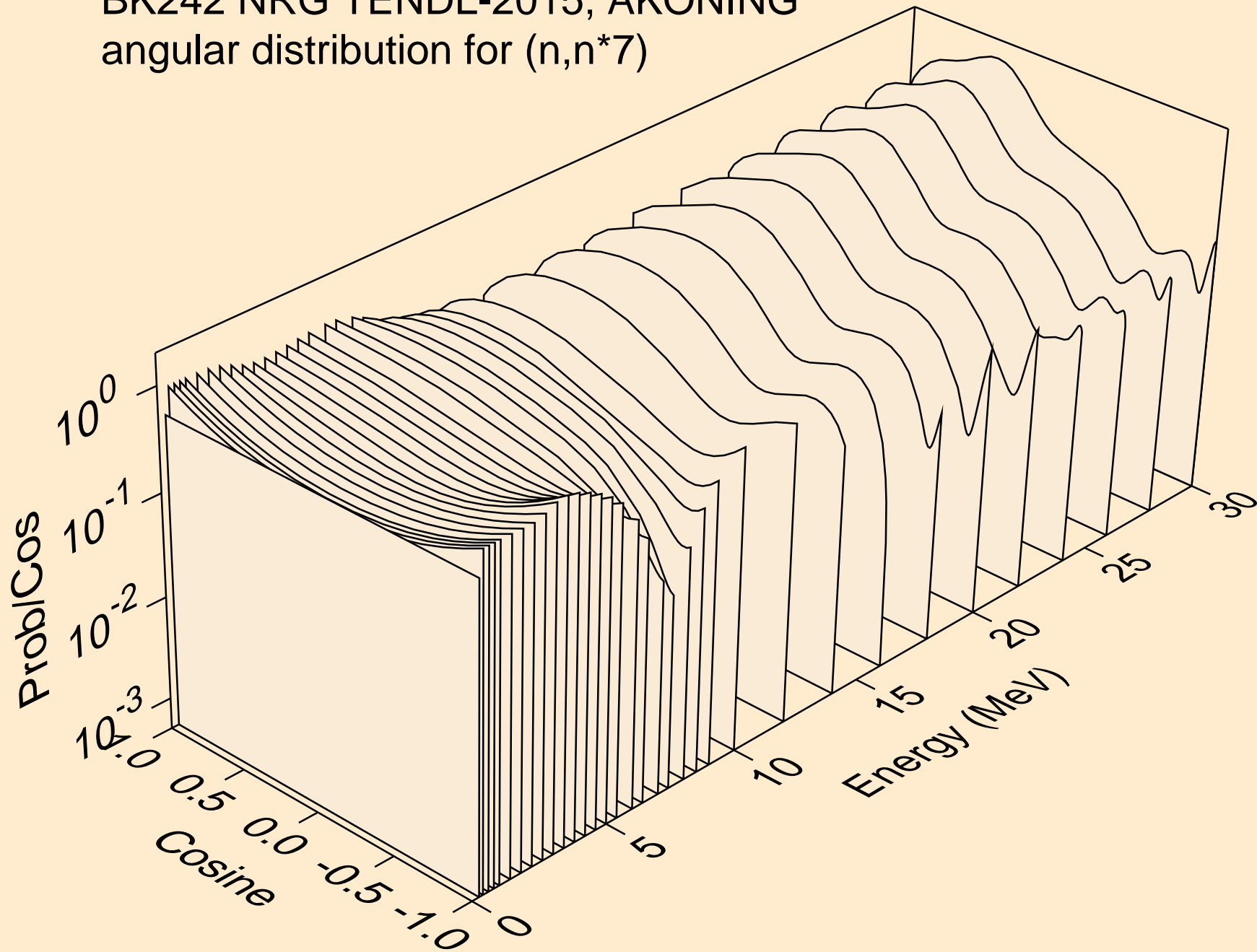
BK242 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



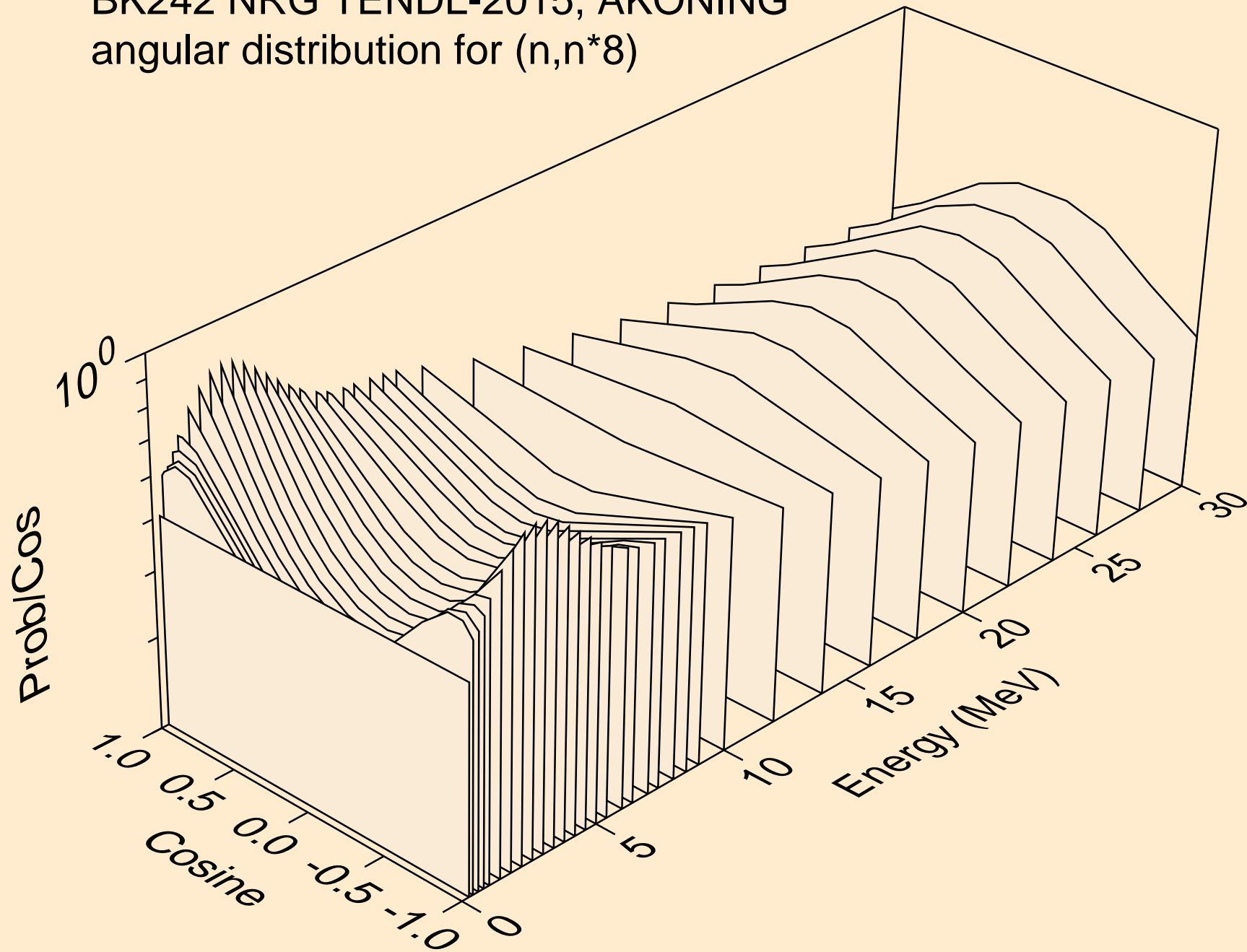
BK242 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



BK242 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

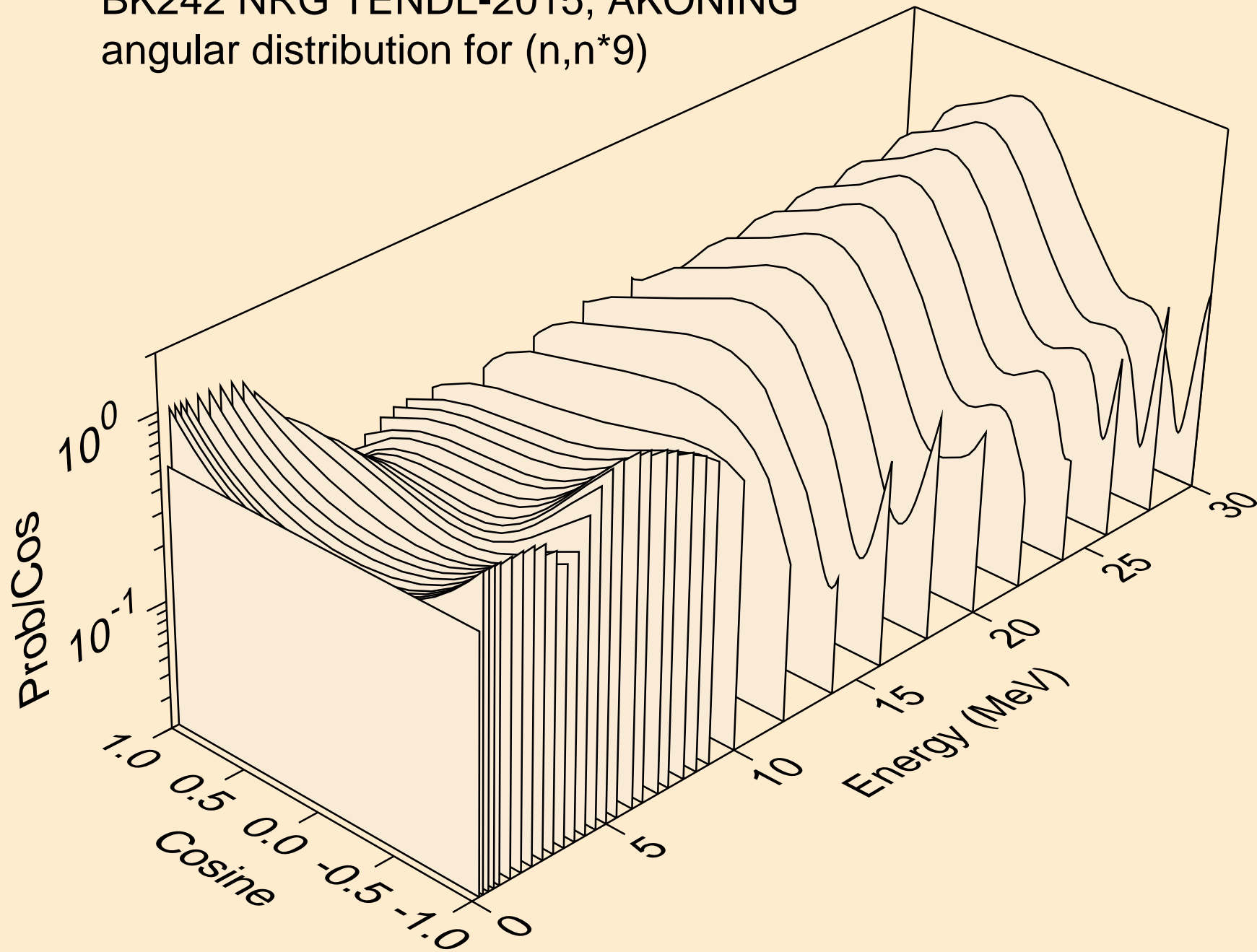


BK242 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

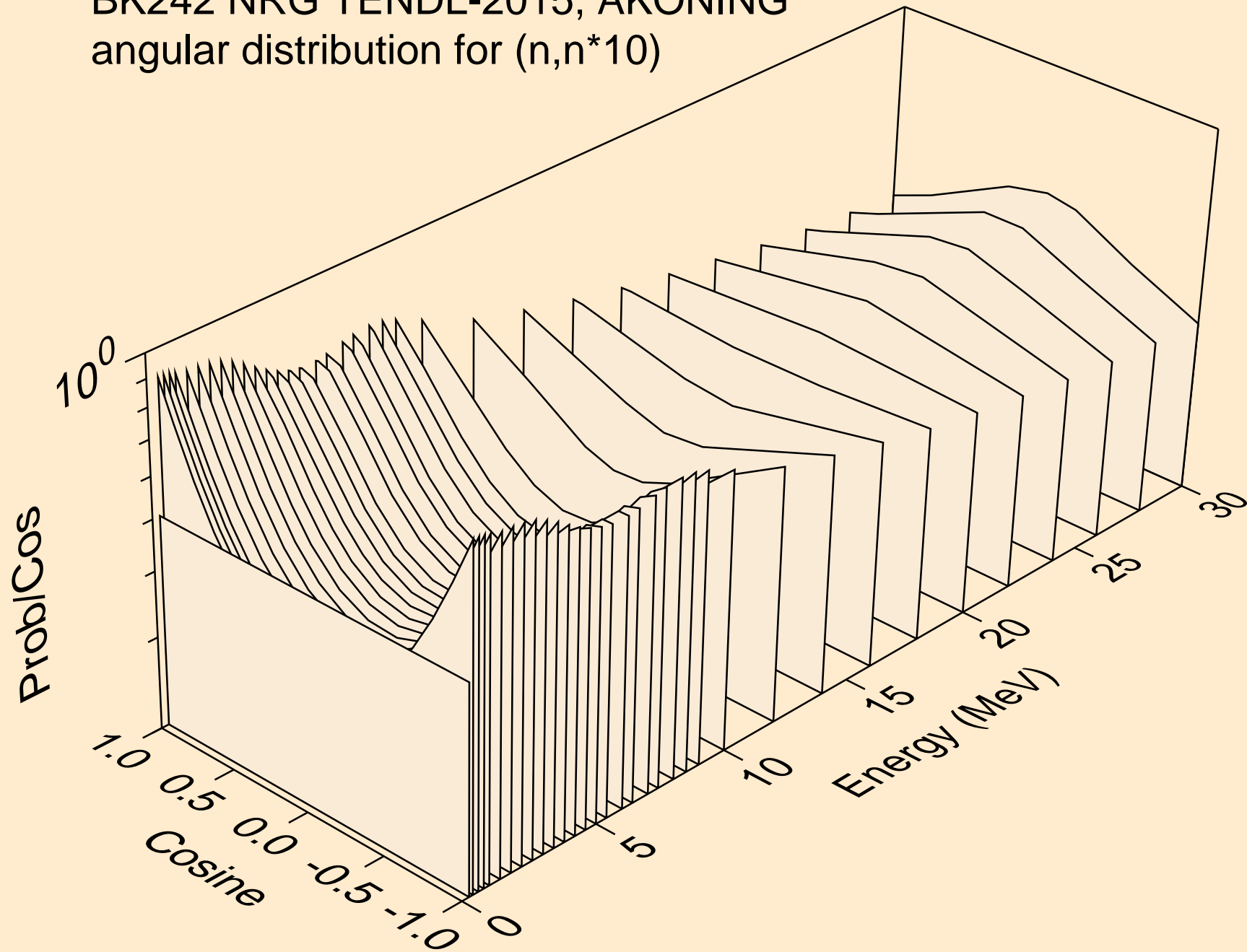




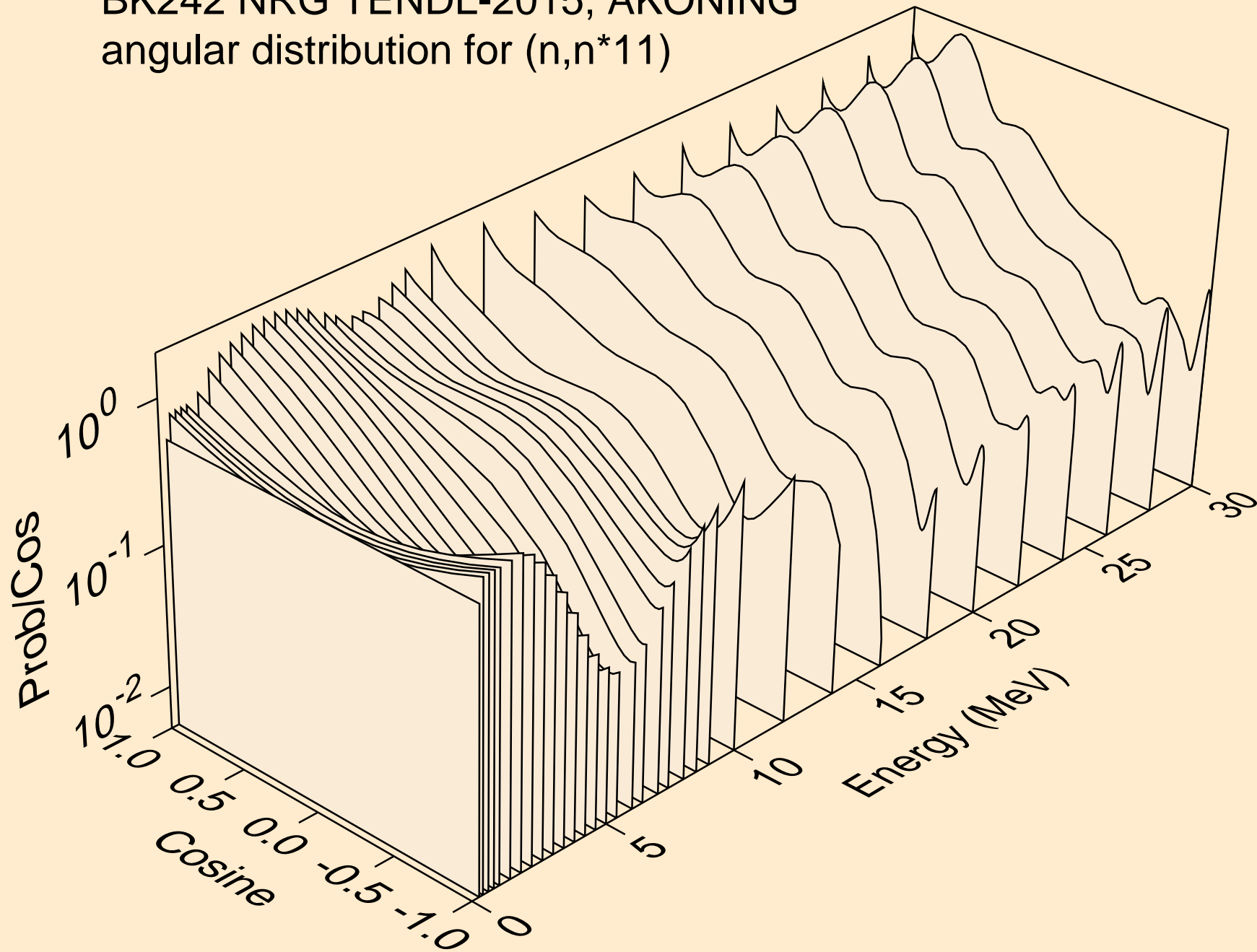
BK242 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



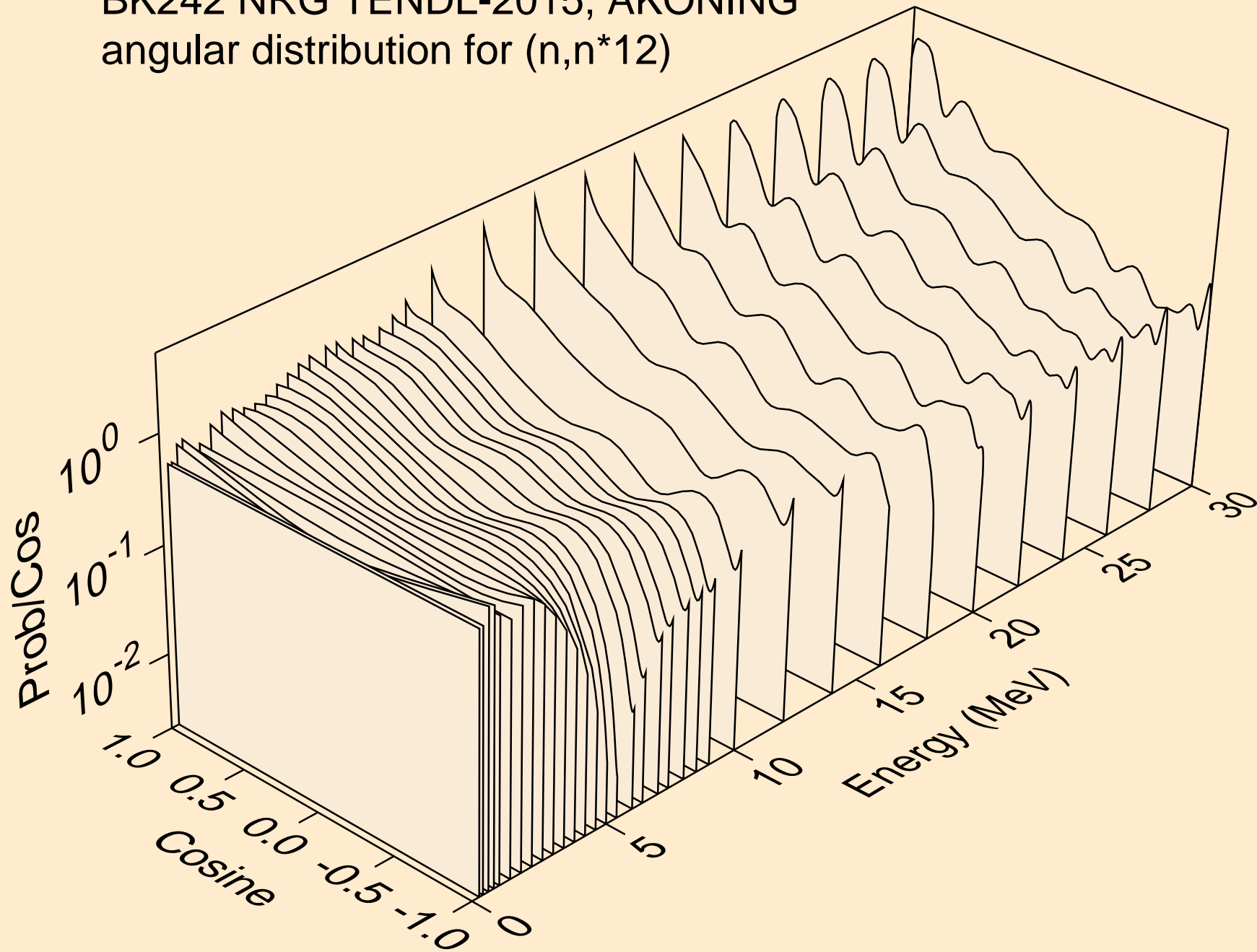
BK242 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



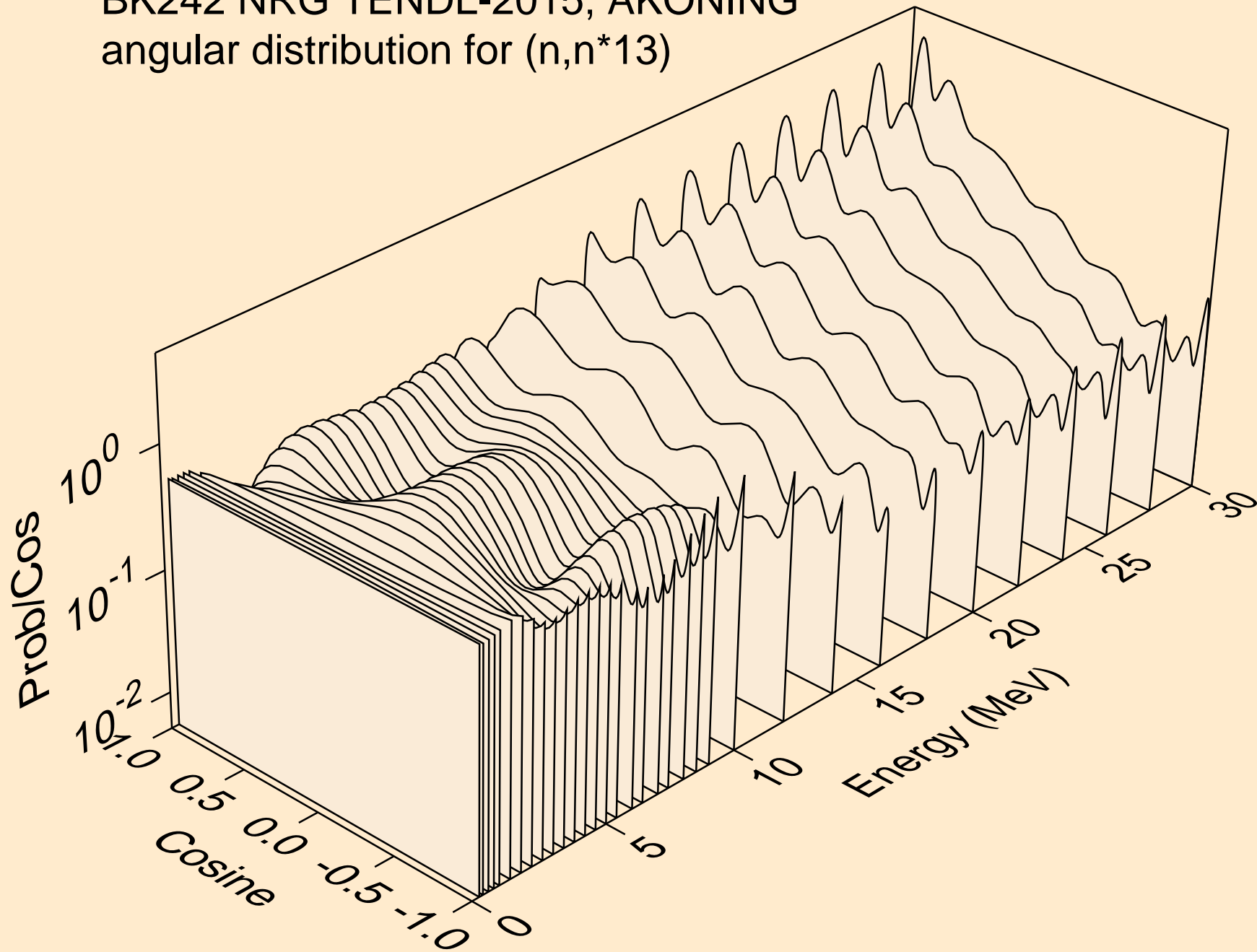
BK242 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



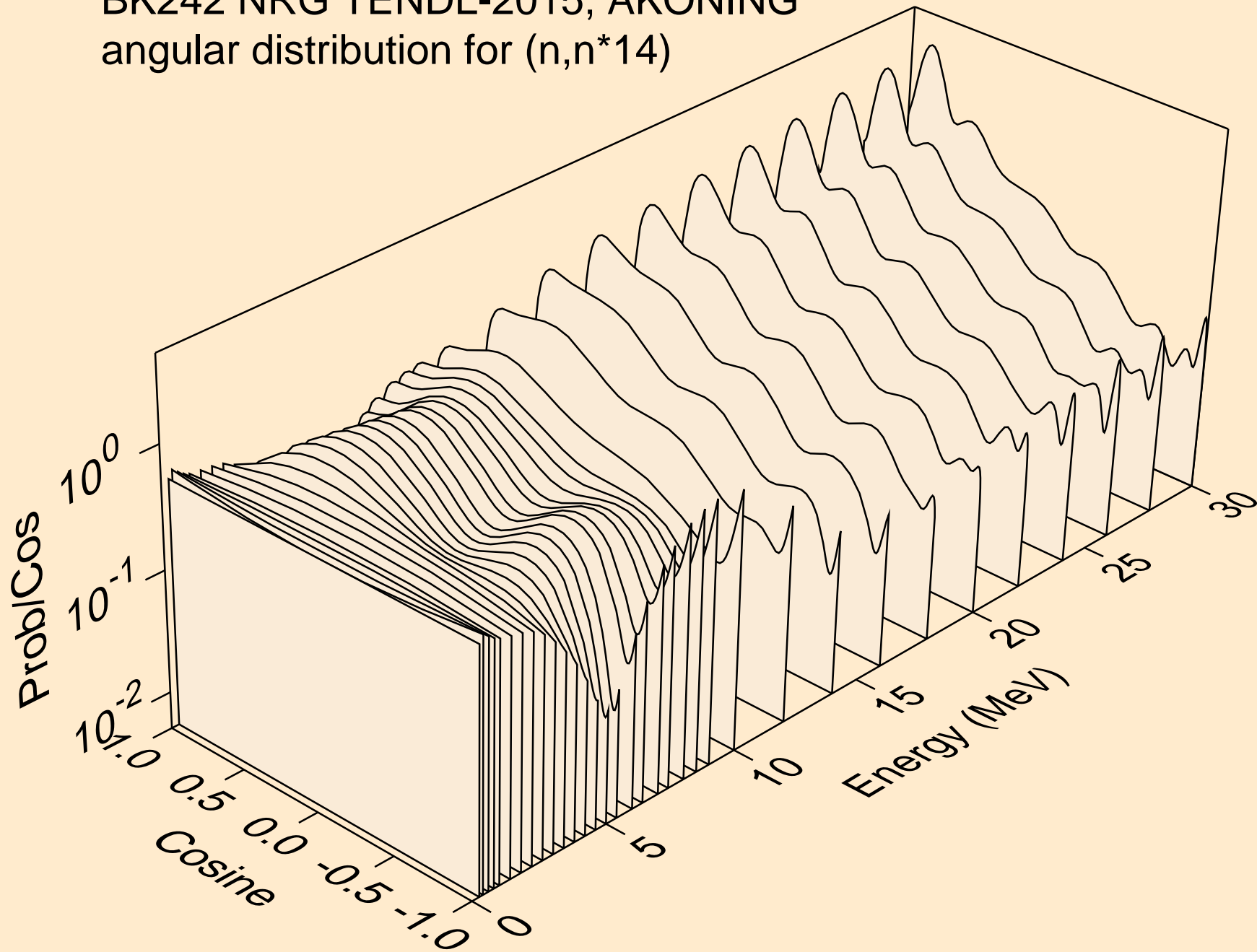
BK242 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



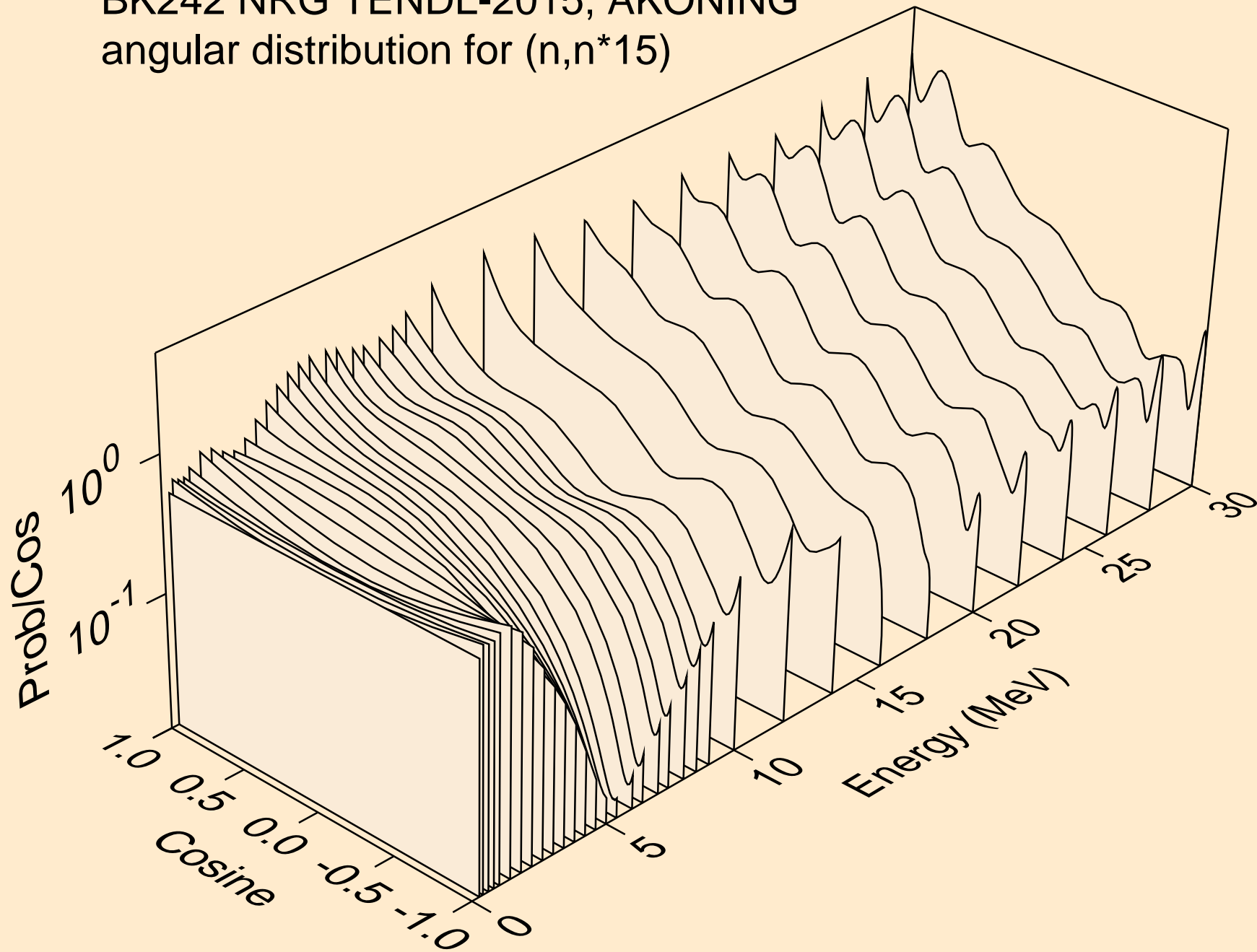
BK242 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



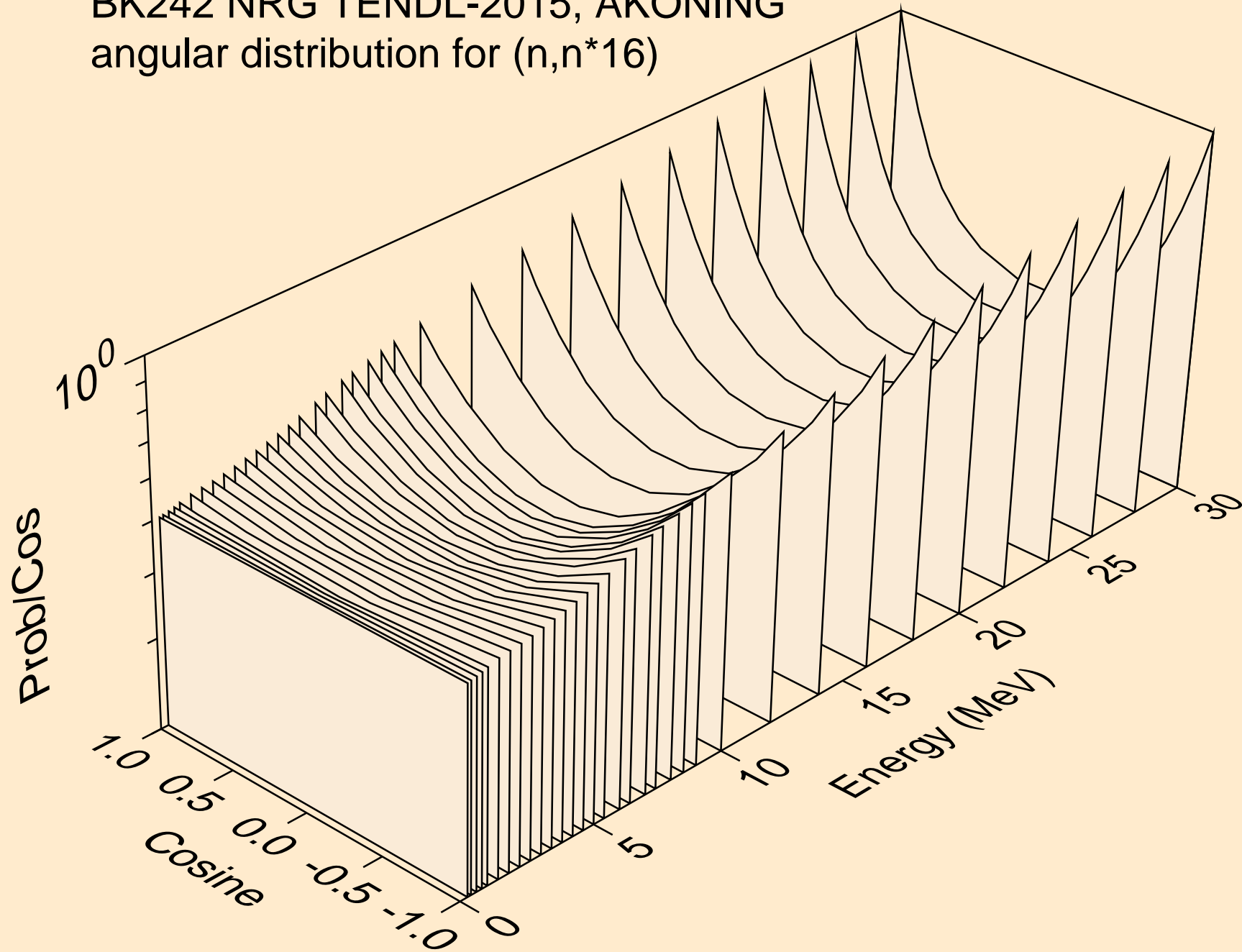
BK242 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



BK242 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

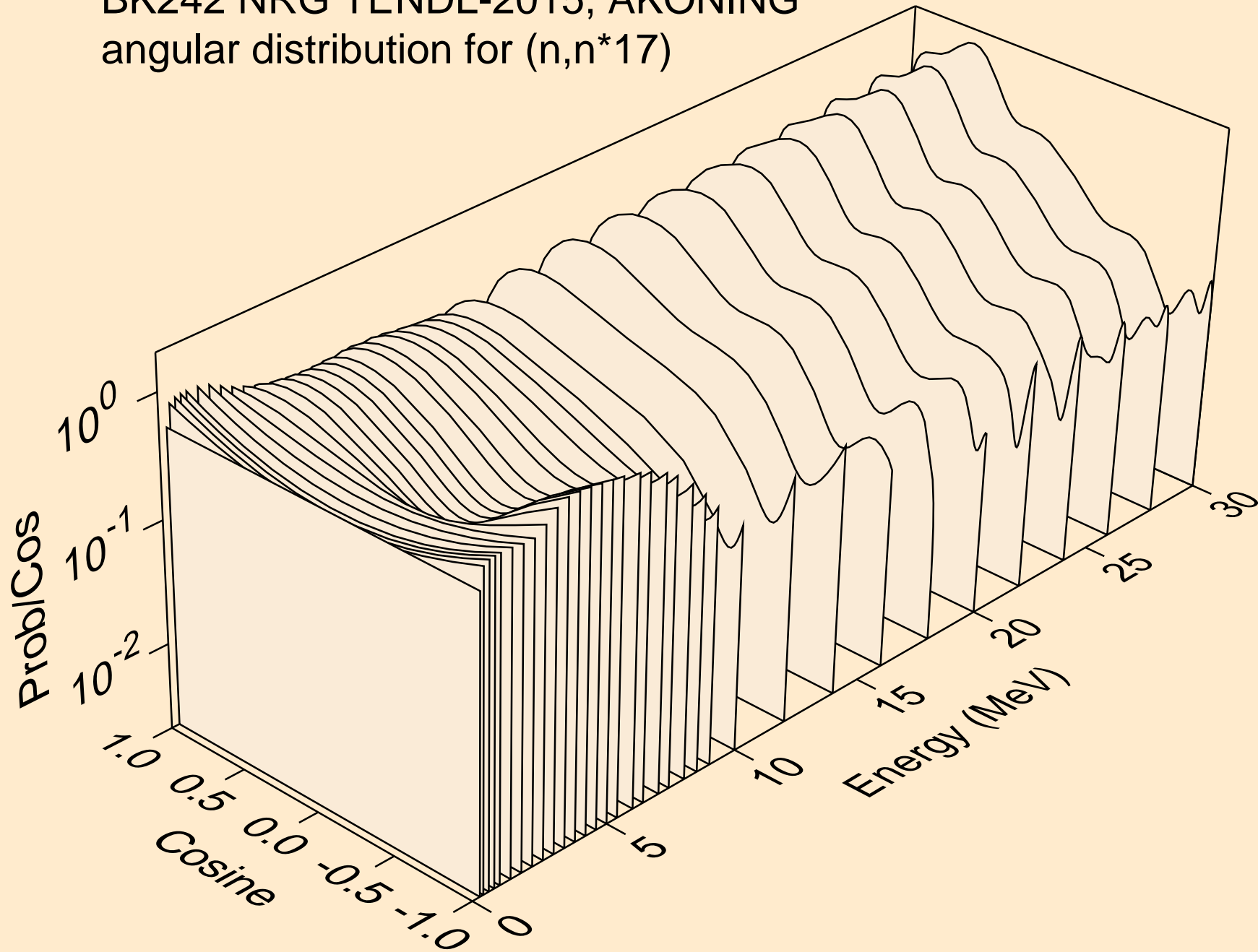


BK242 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)

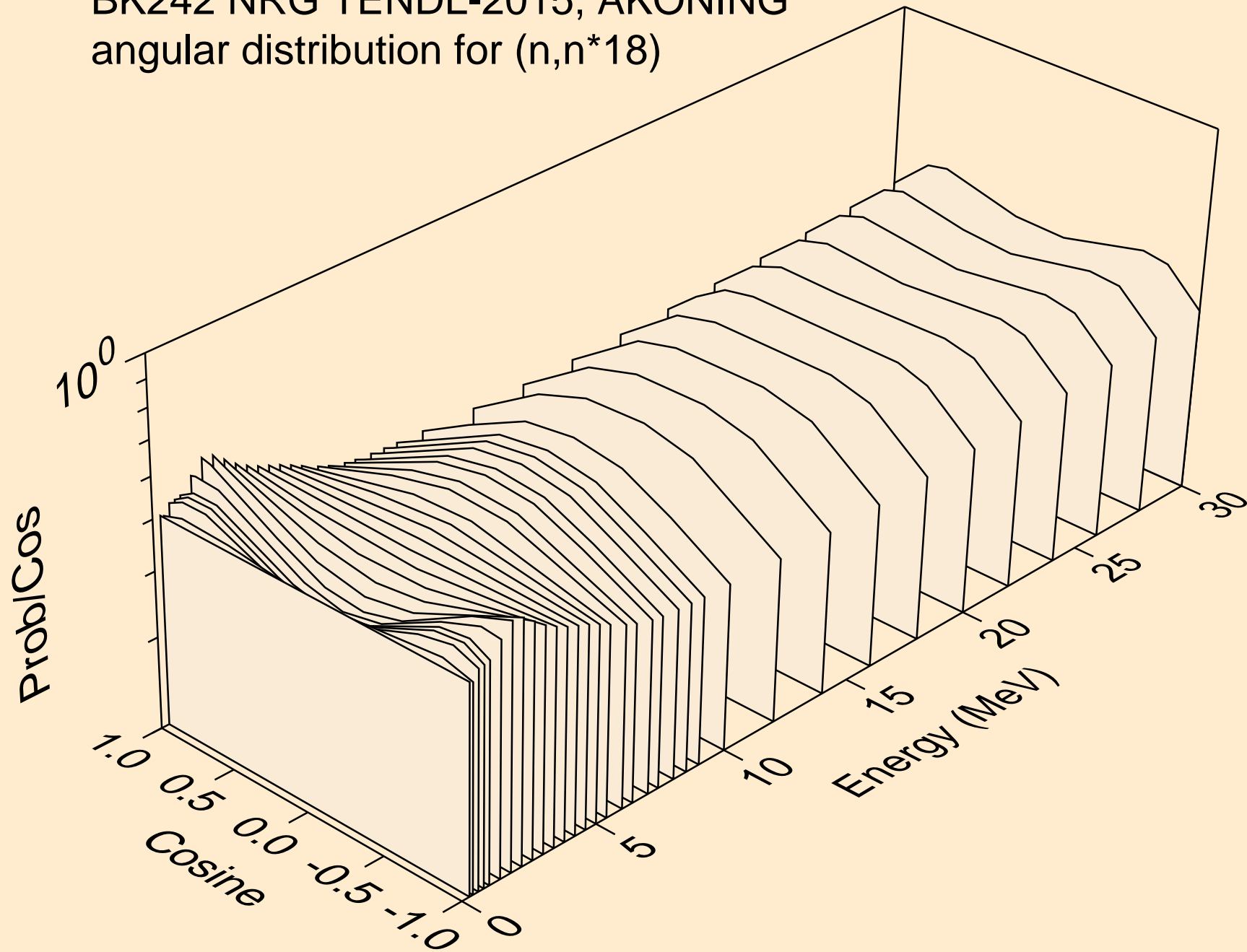




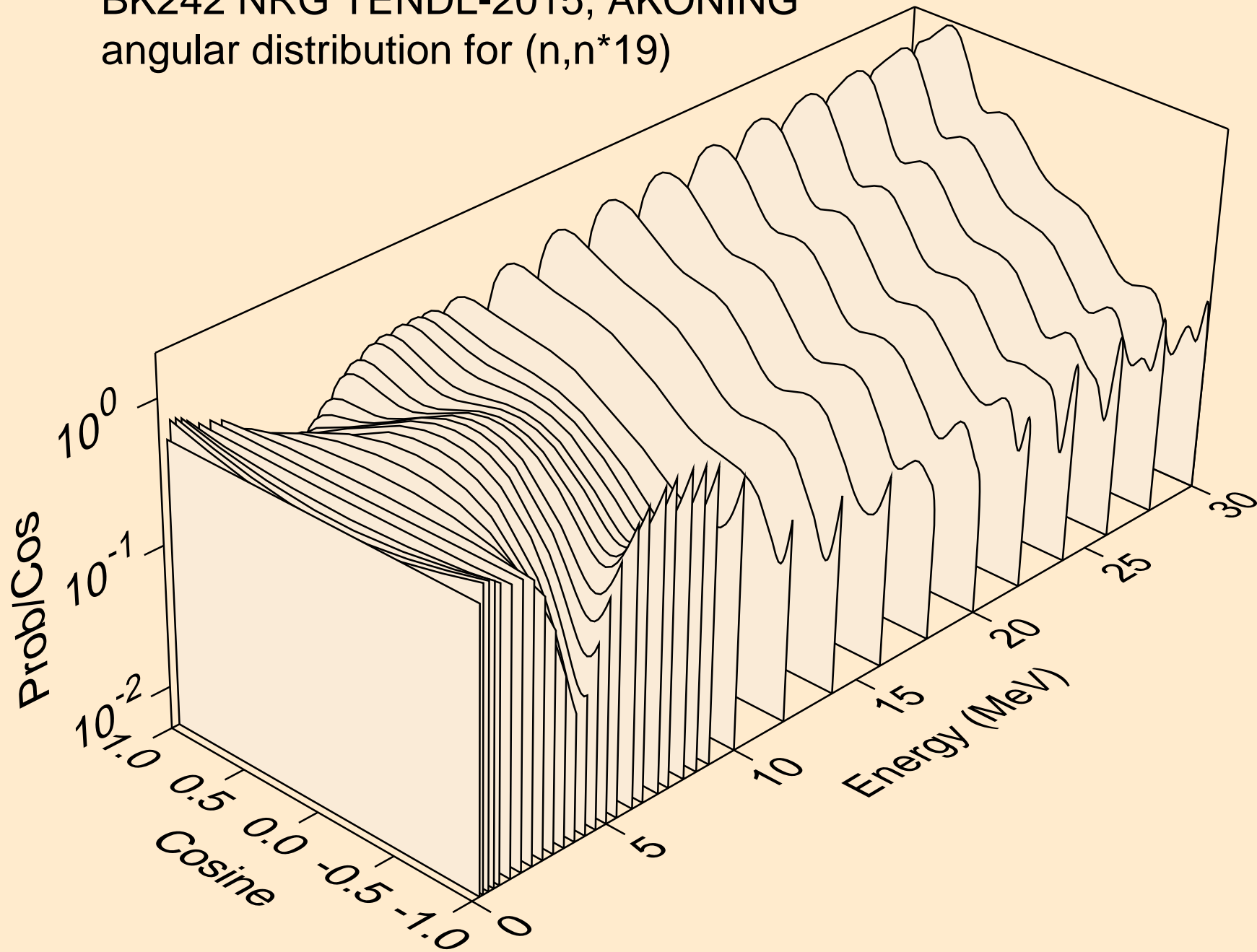
BK242 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



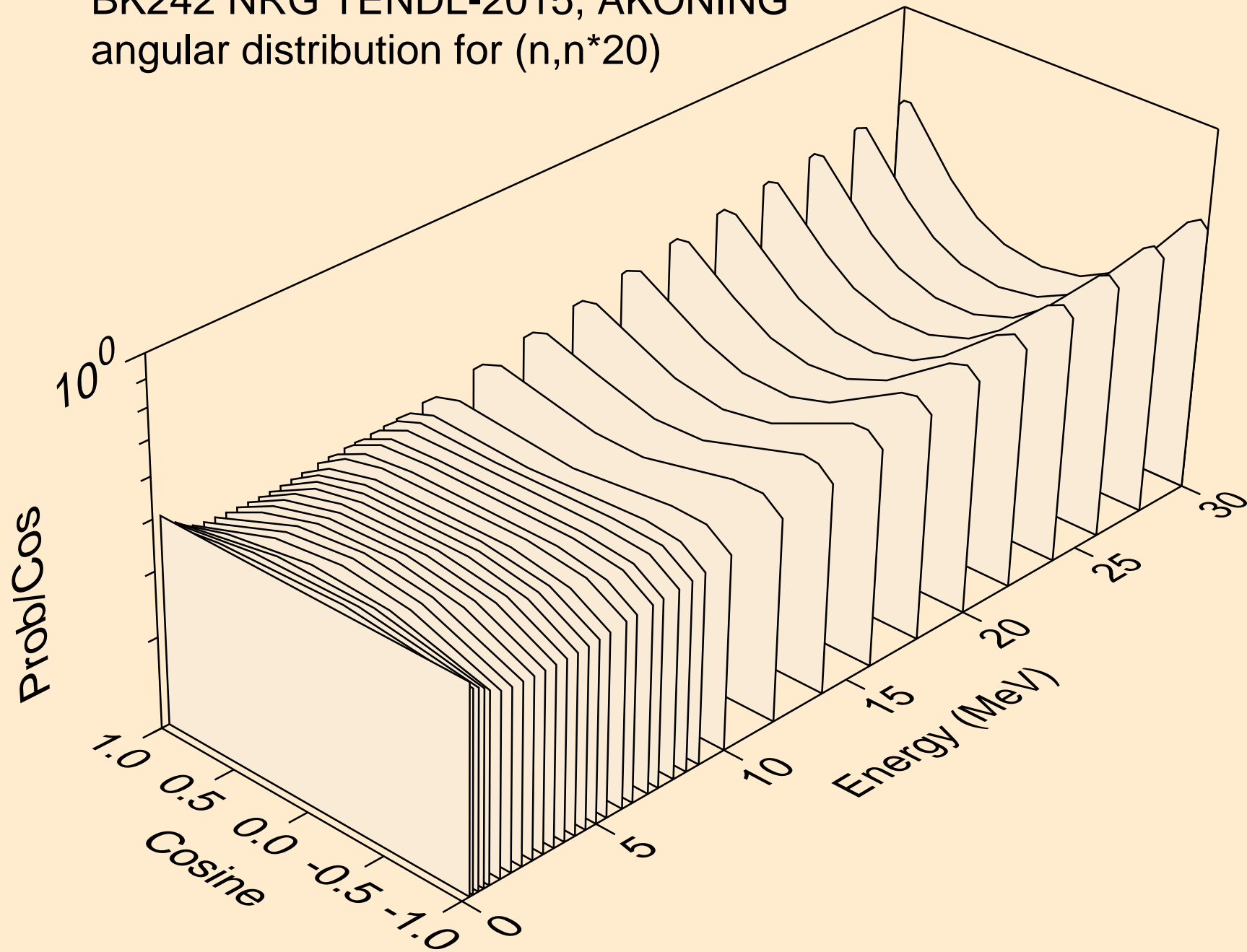
BK242 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



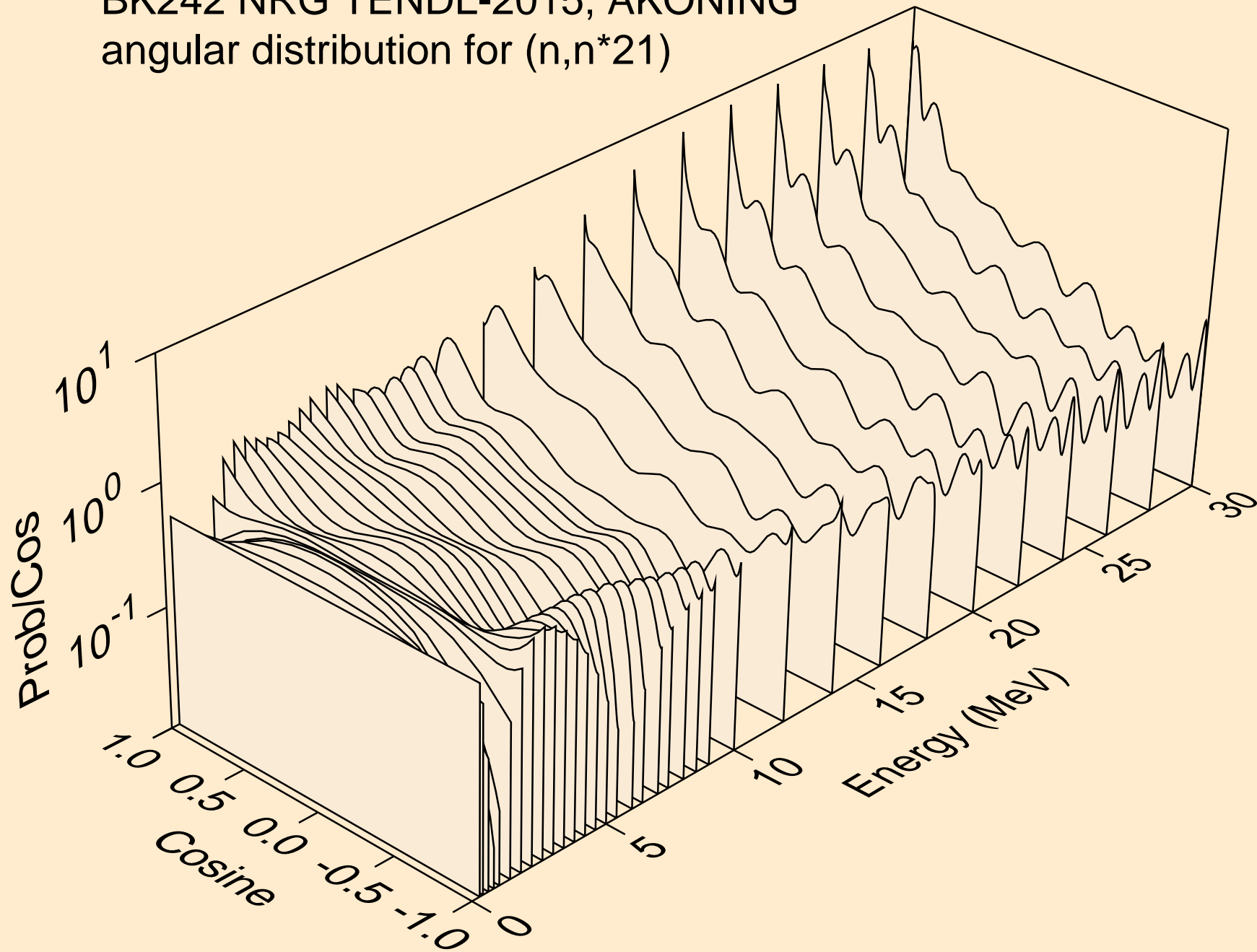
BK242 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



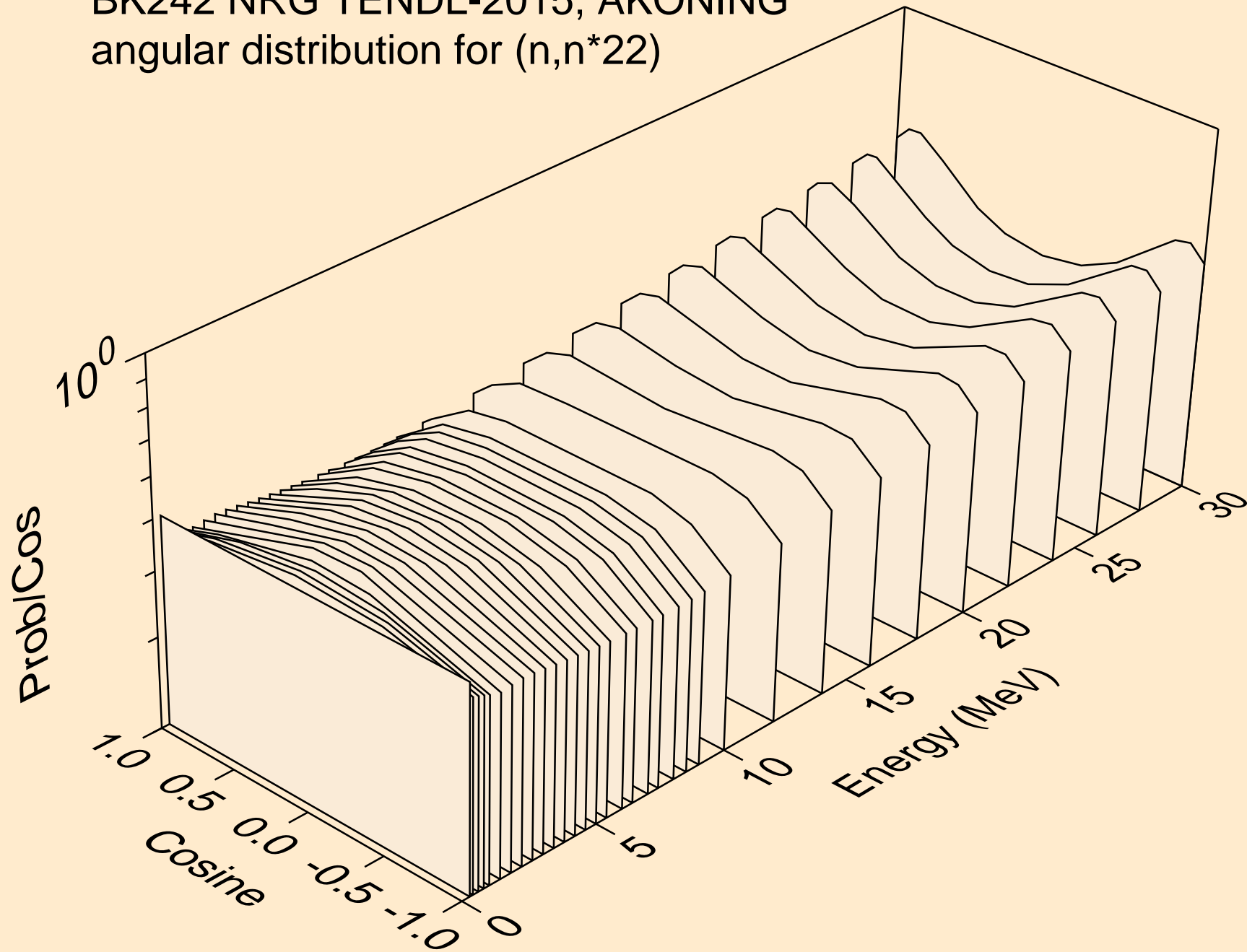
BK242 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



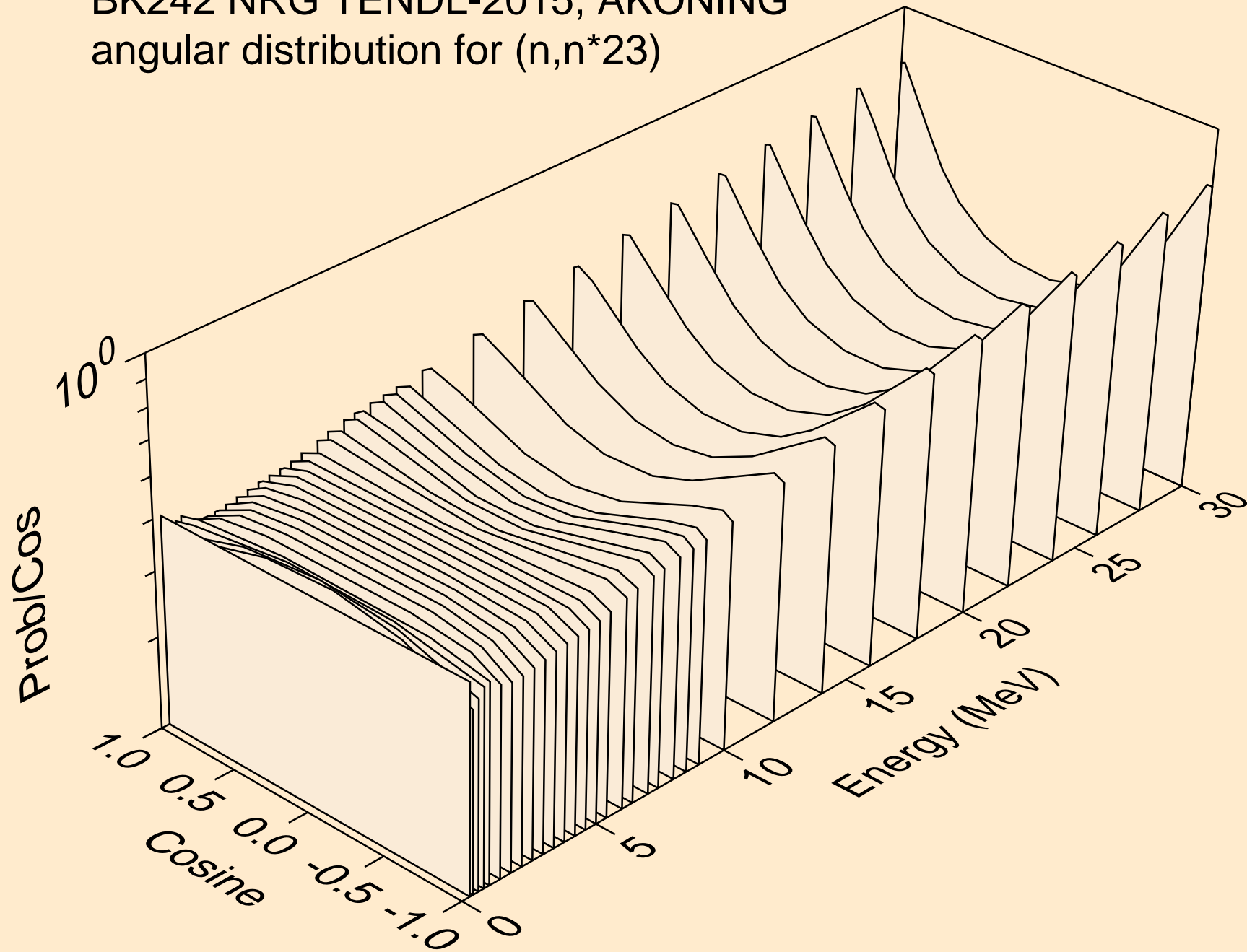
BK242 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



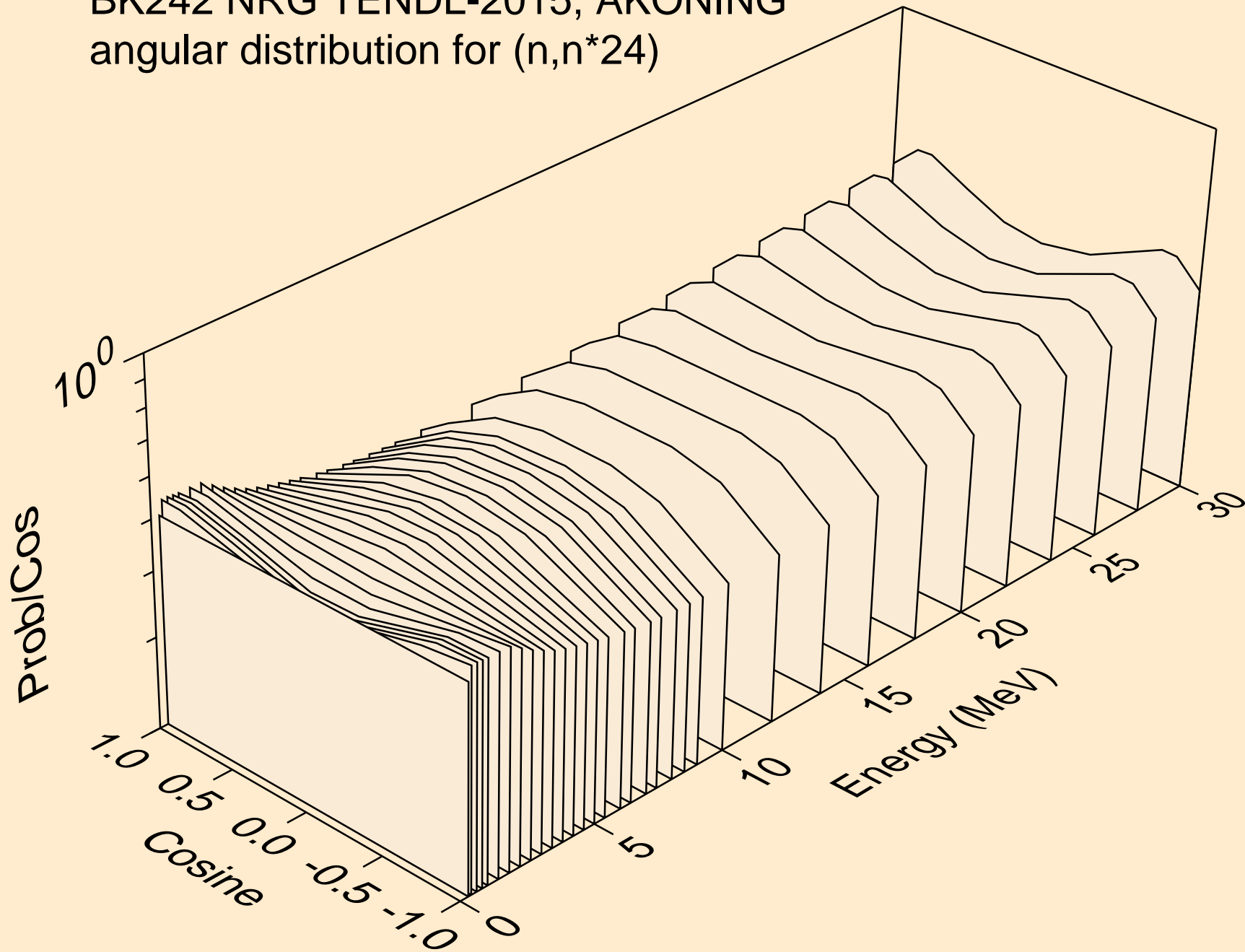
BK242 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



BK242 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

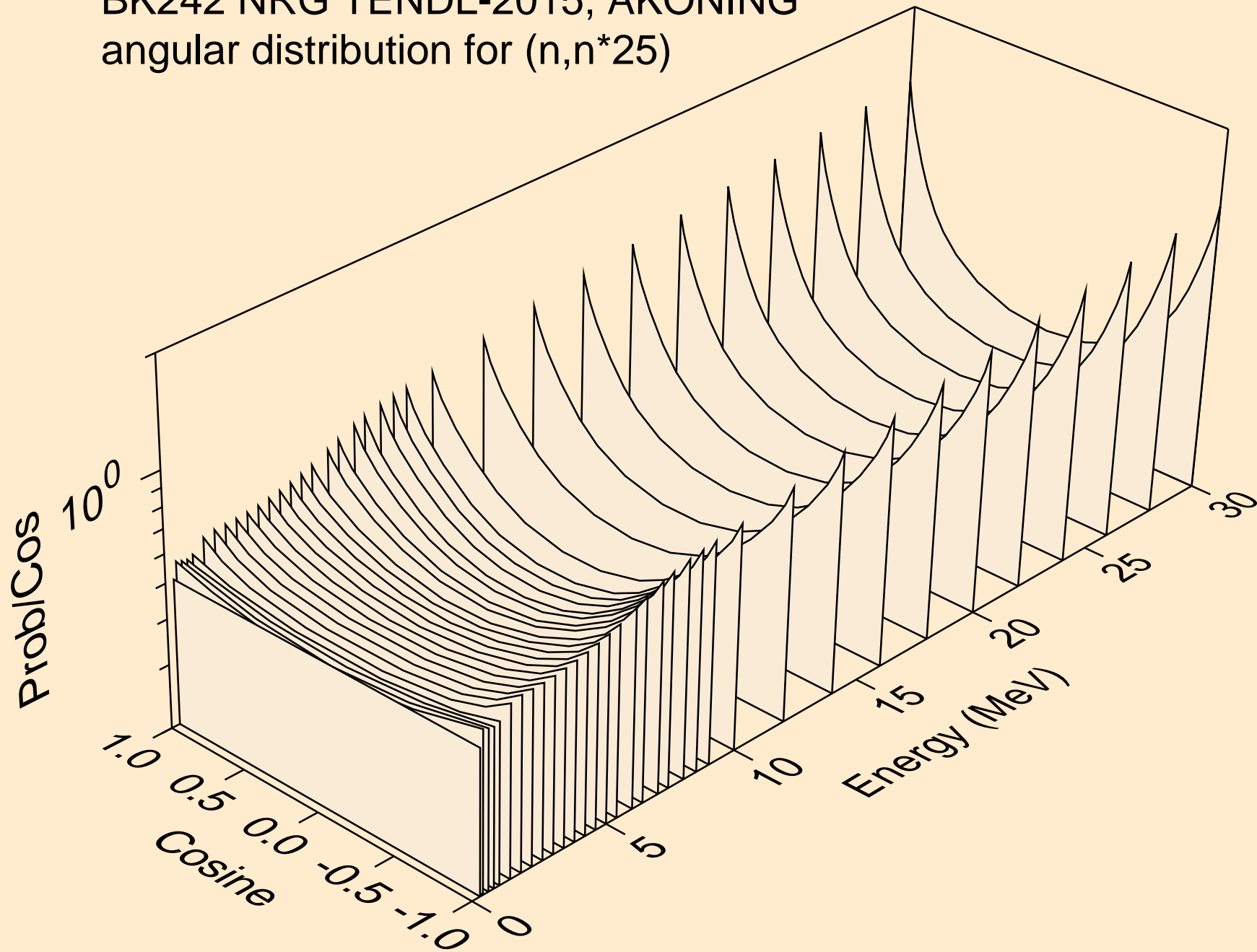


BK242 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)

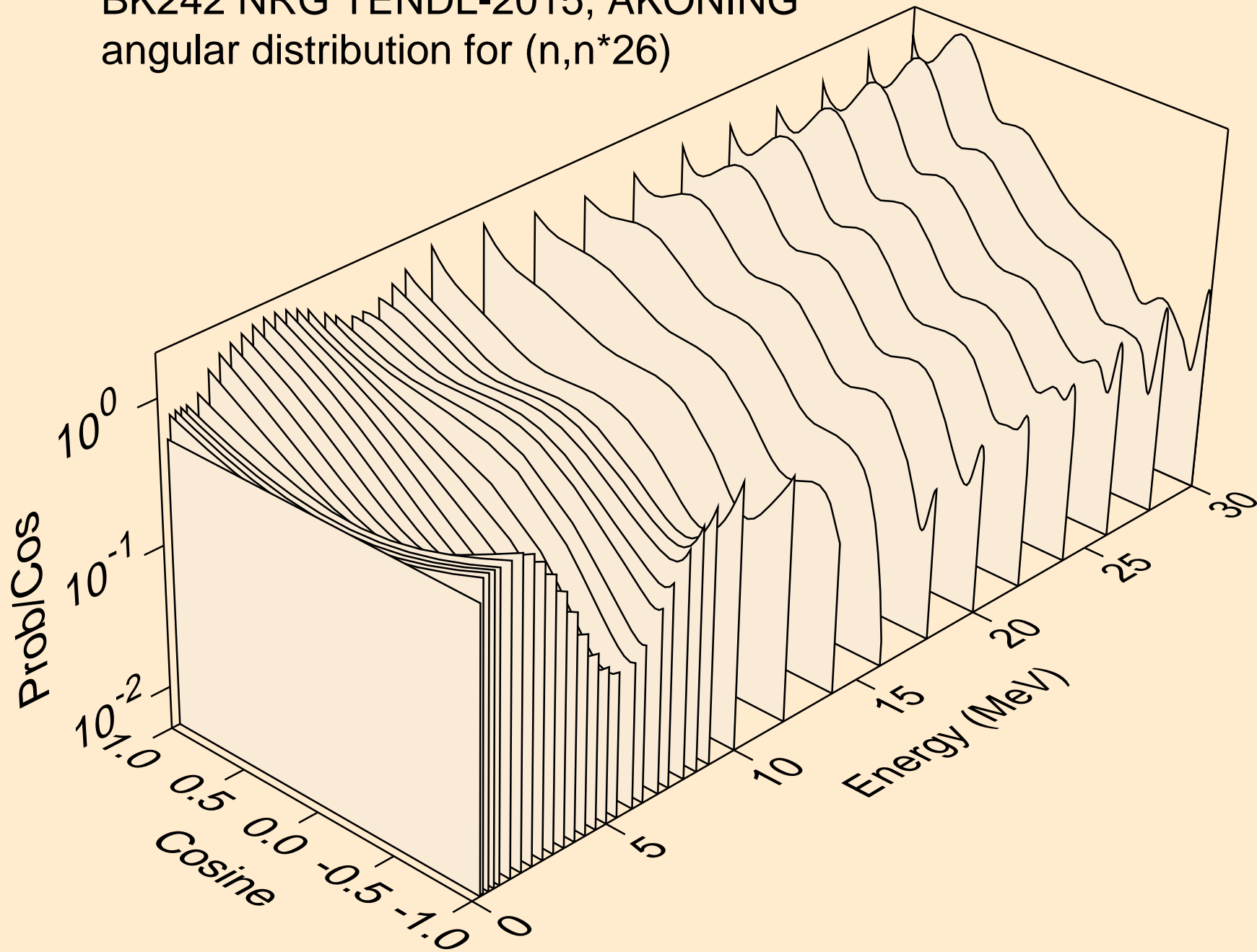




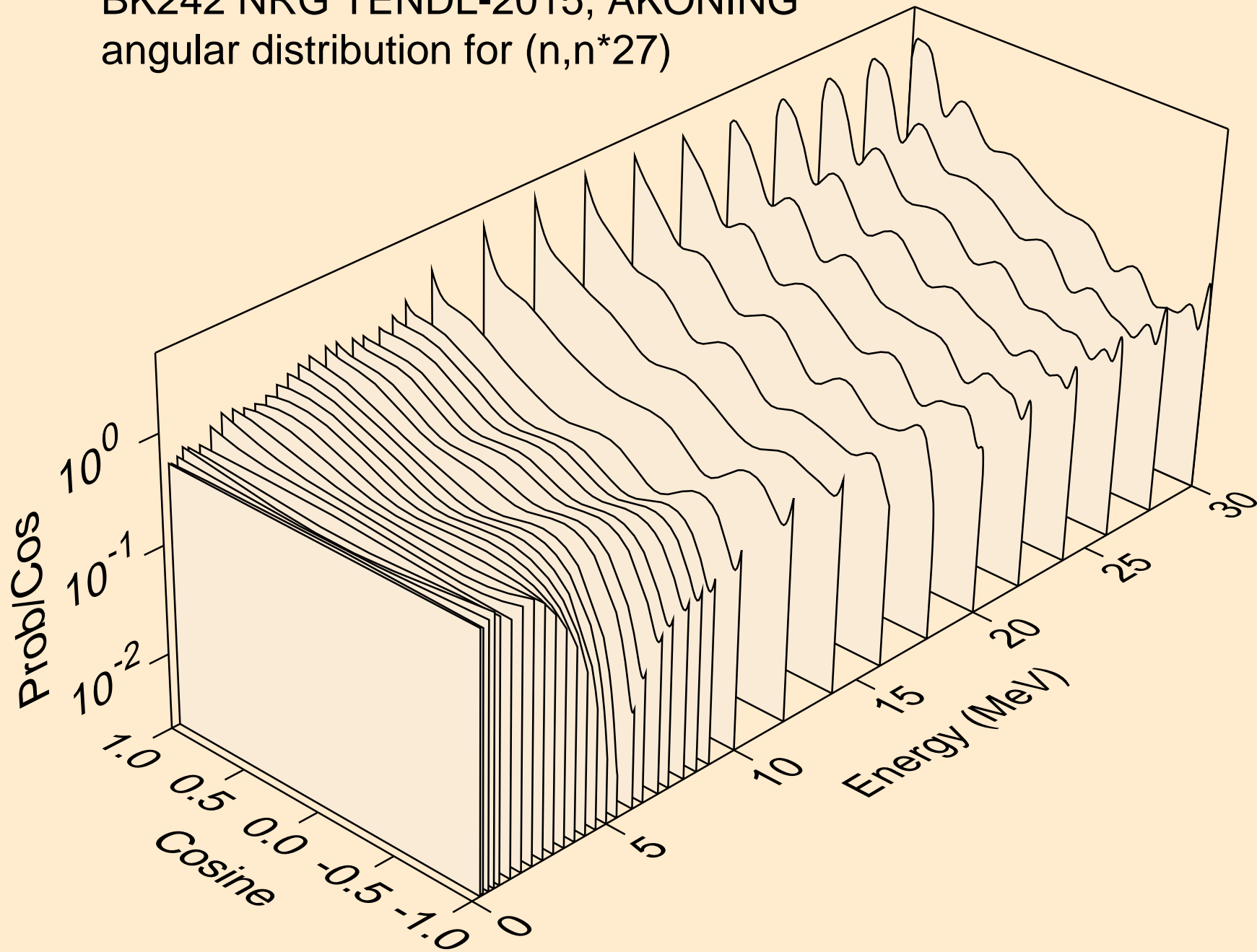
BK242 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



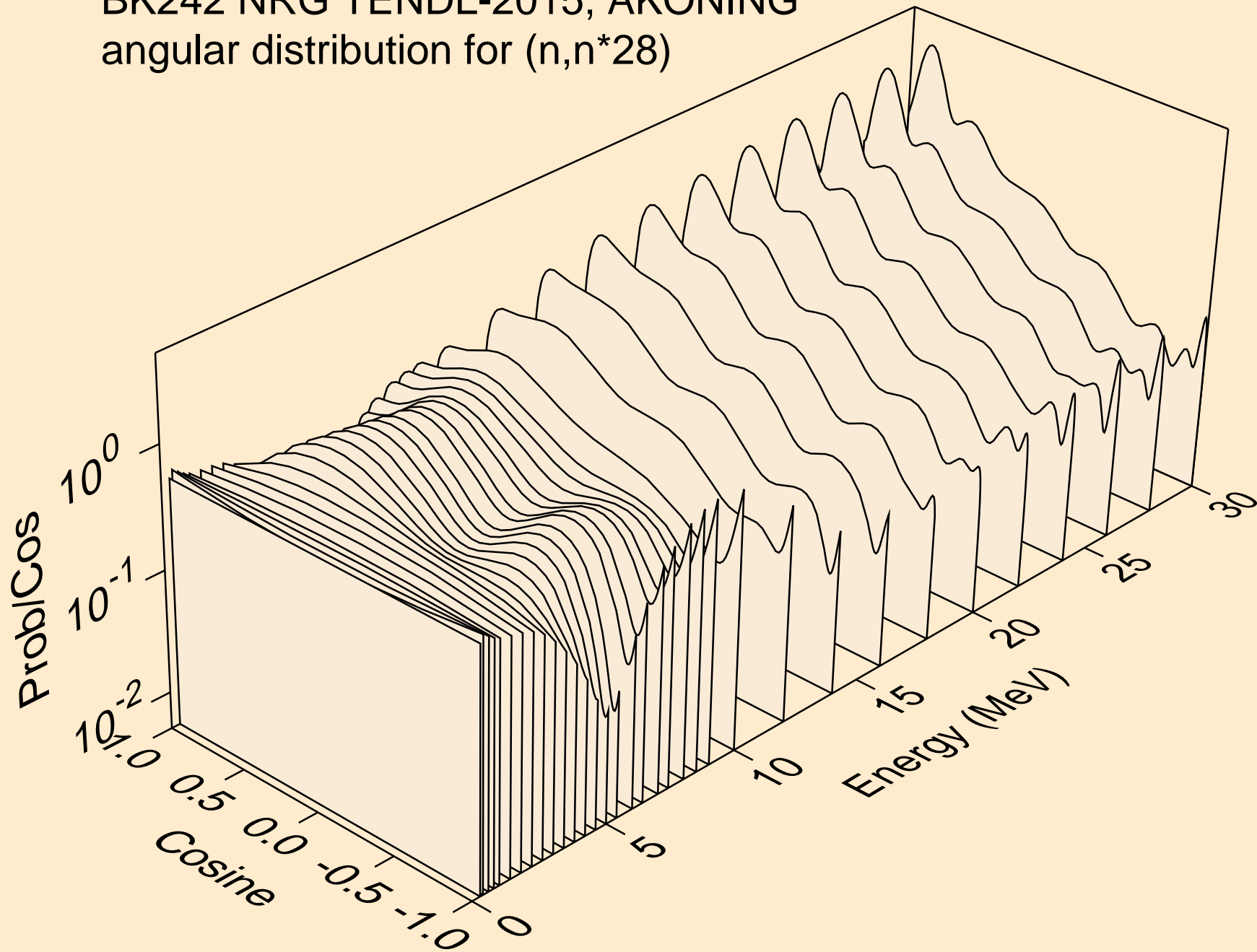
BK242 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



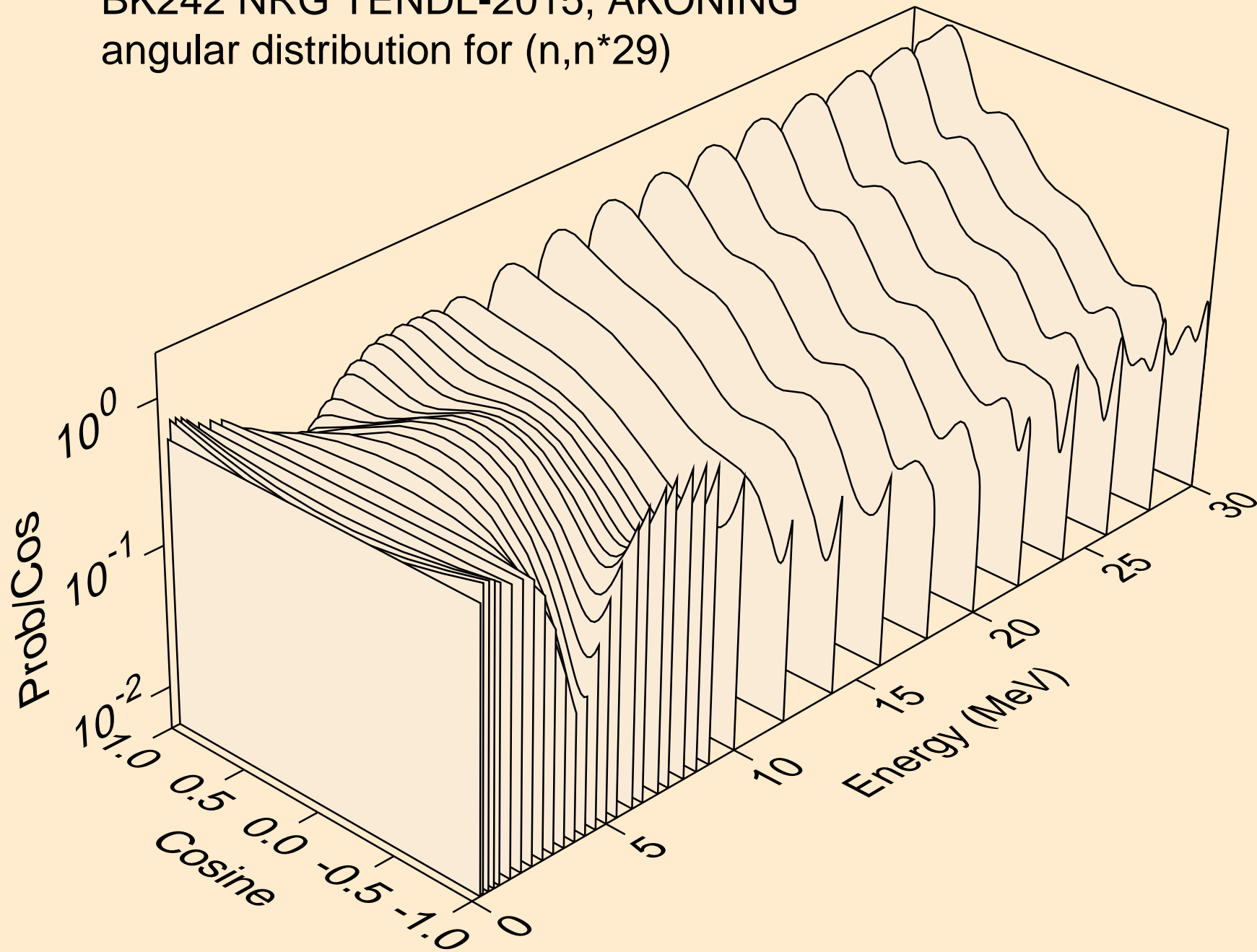
BK242 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



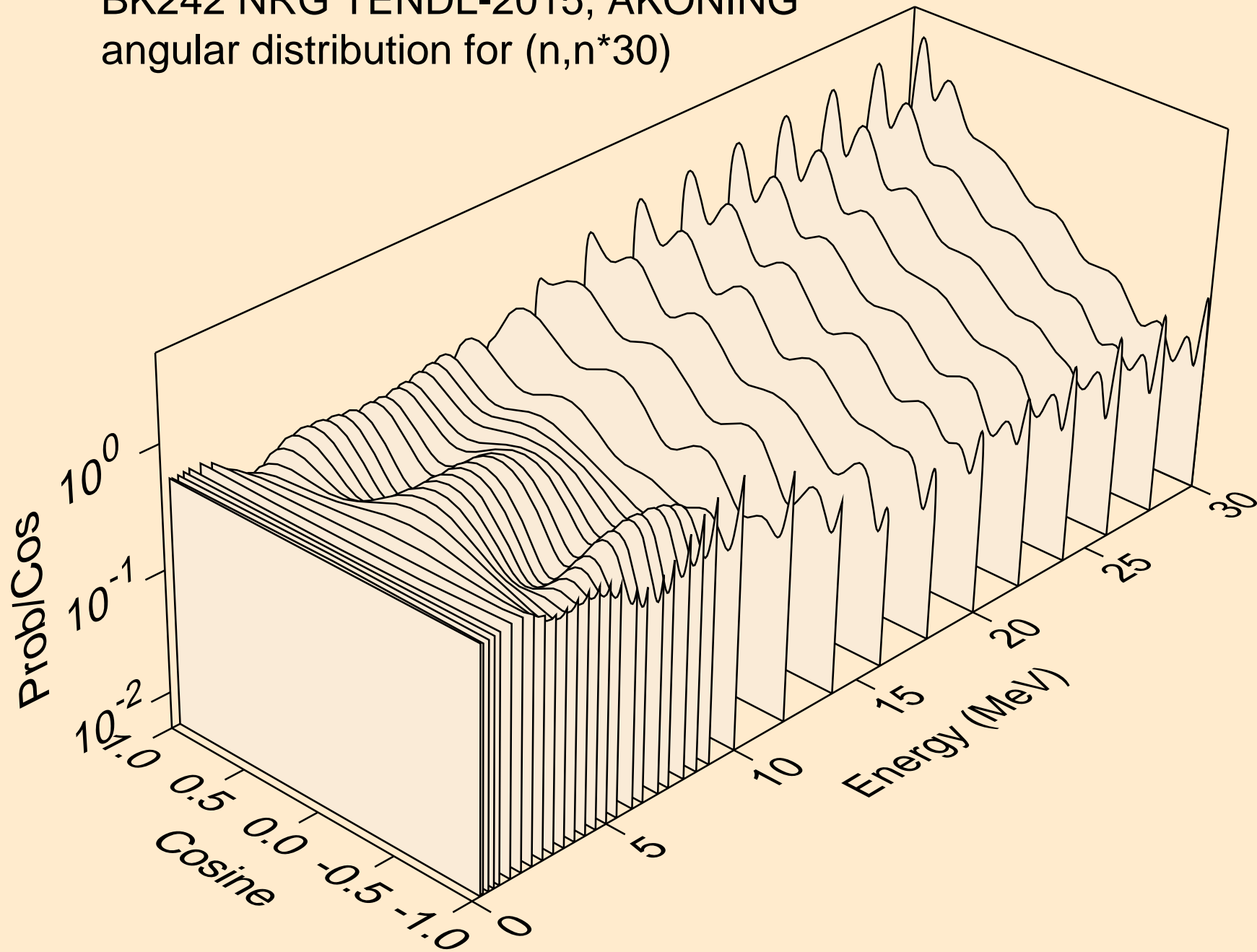
BK242 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



BK242 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

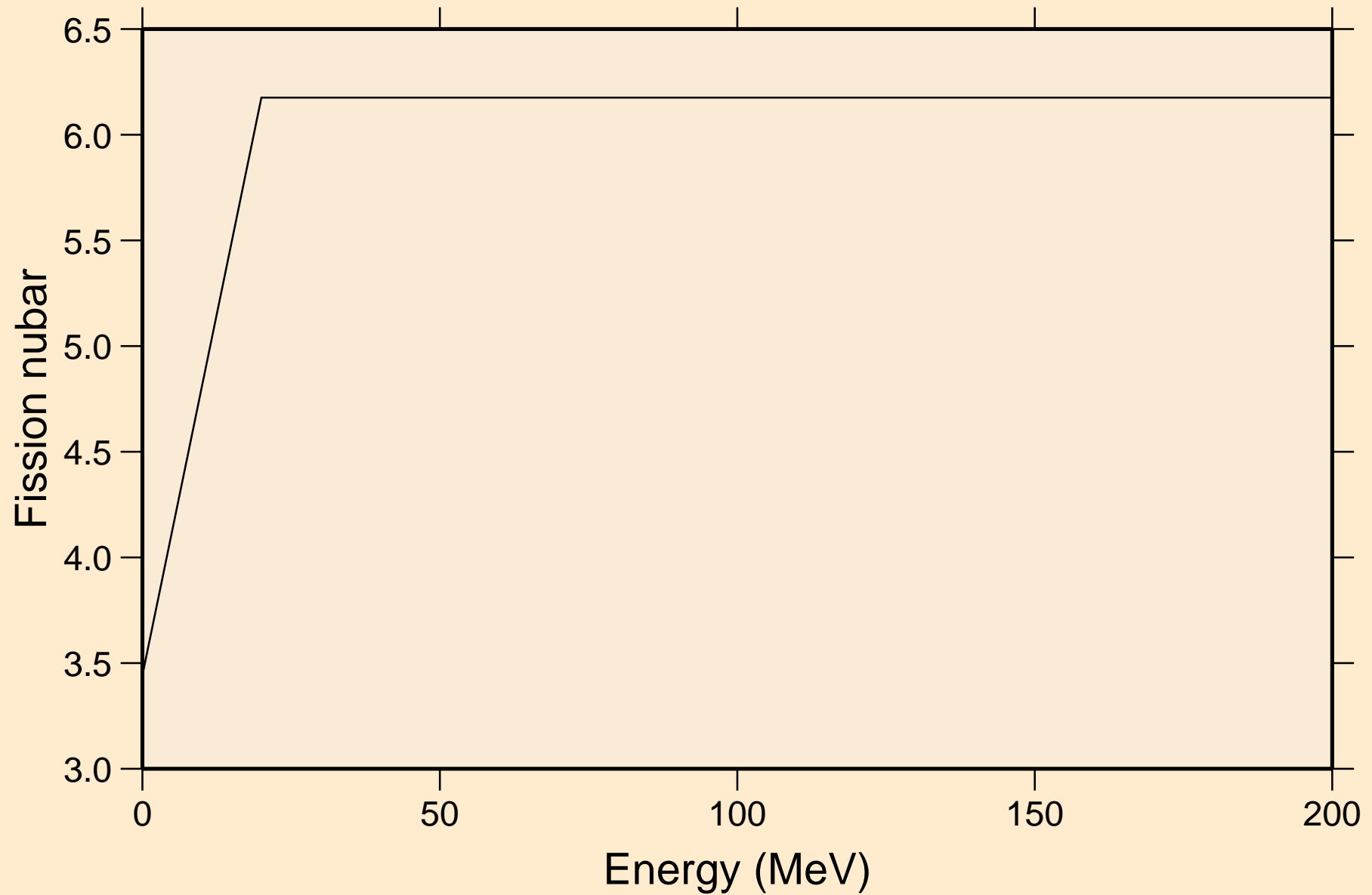


BK242 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

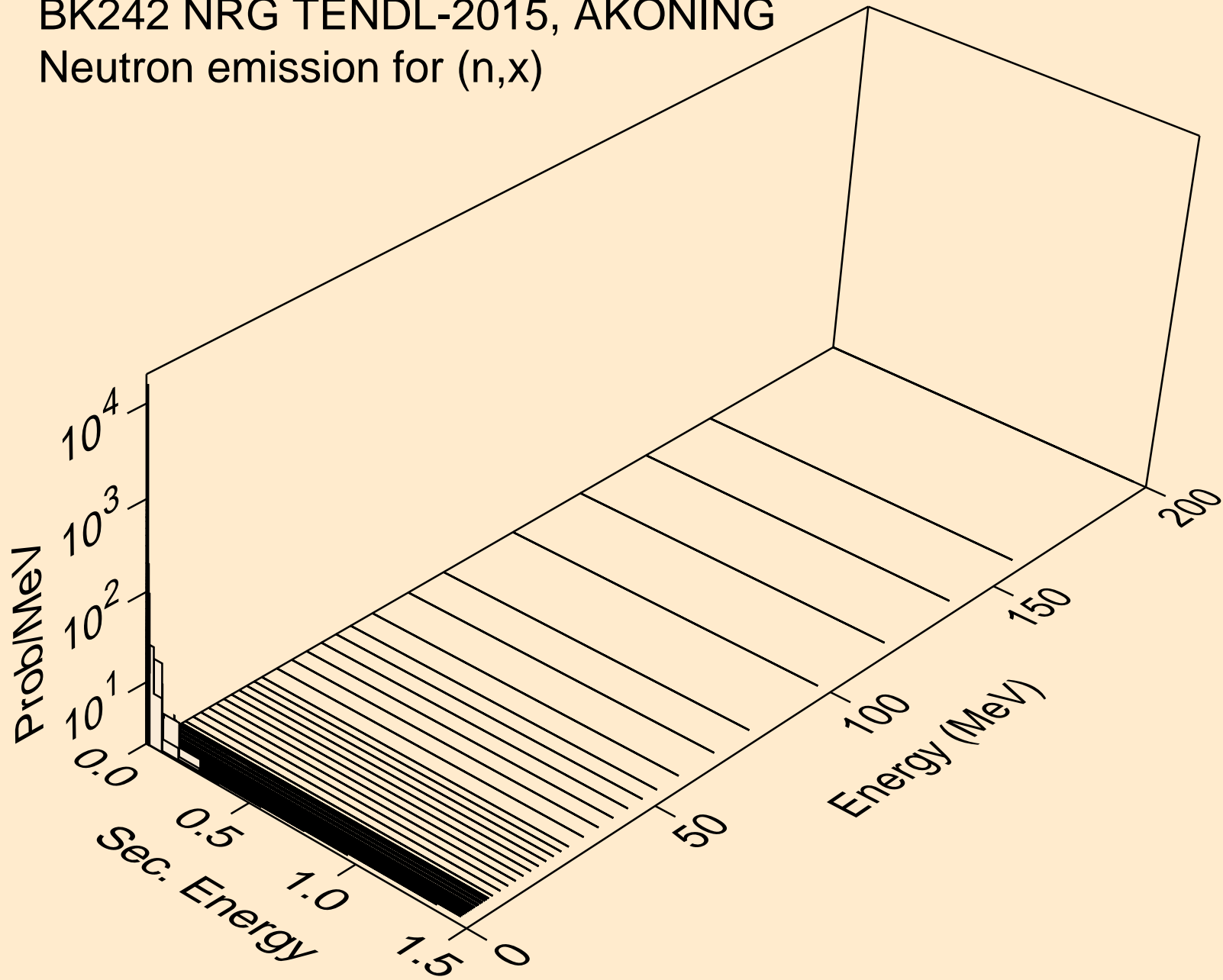


# BK242 NRG TENDL-2015, AKONING

Total fission nubar

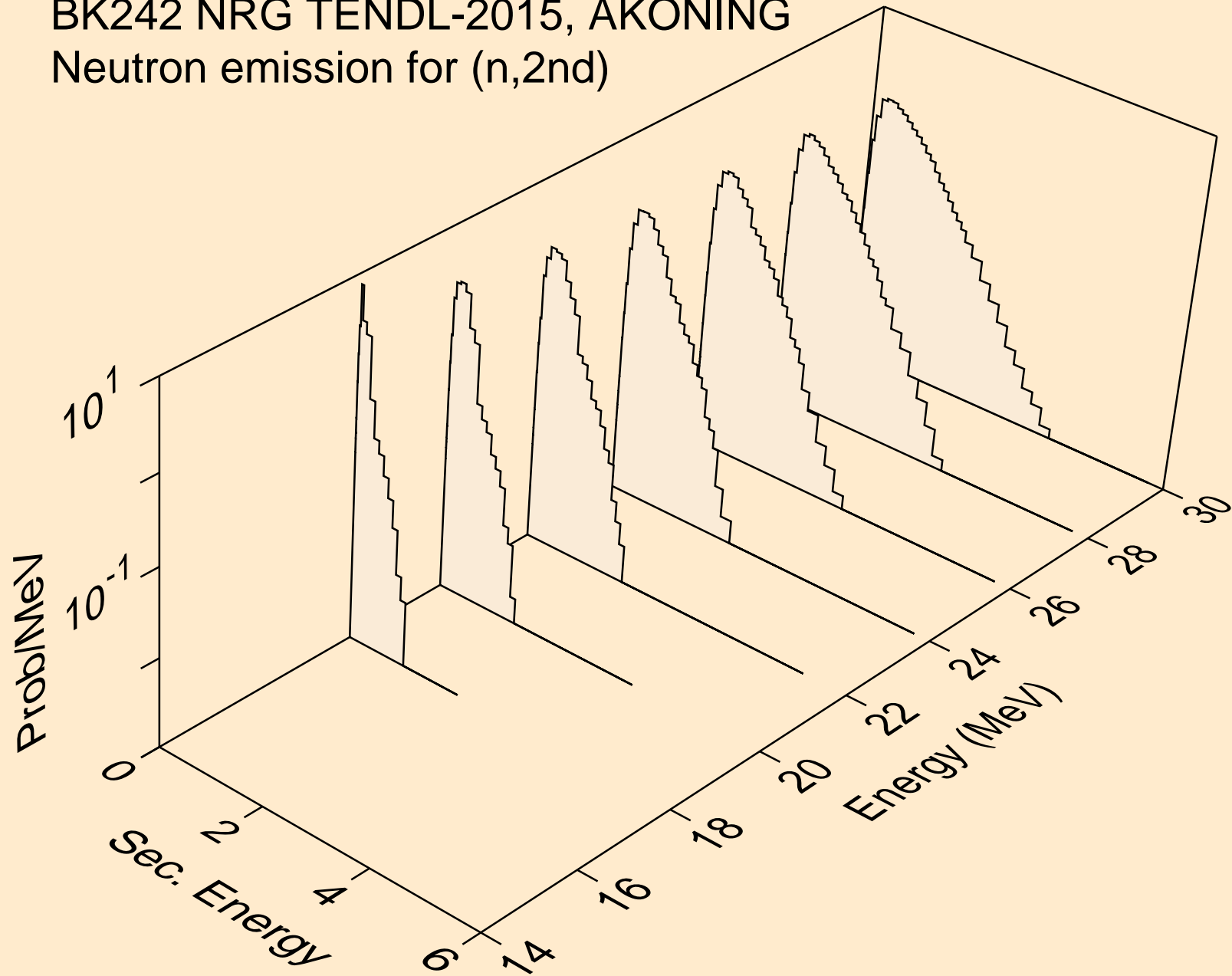


BK242 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

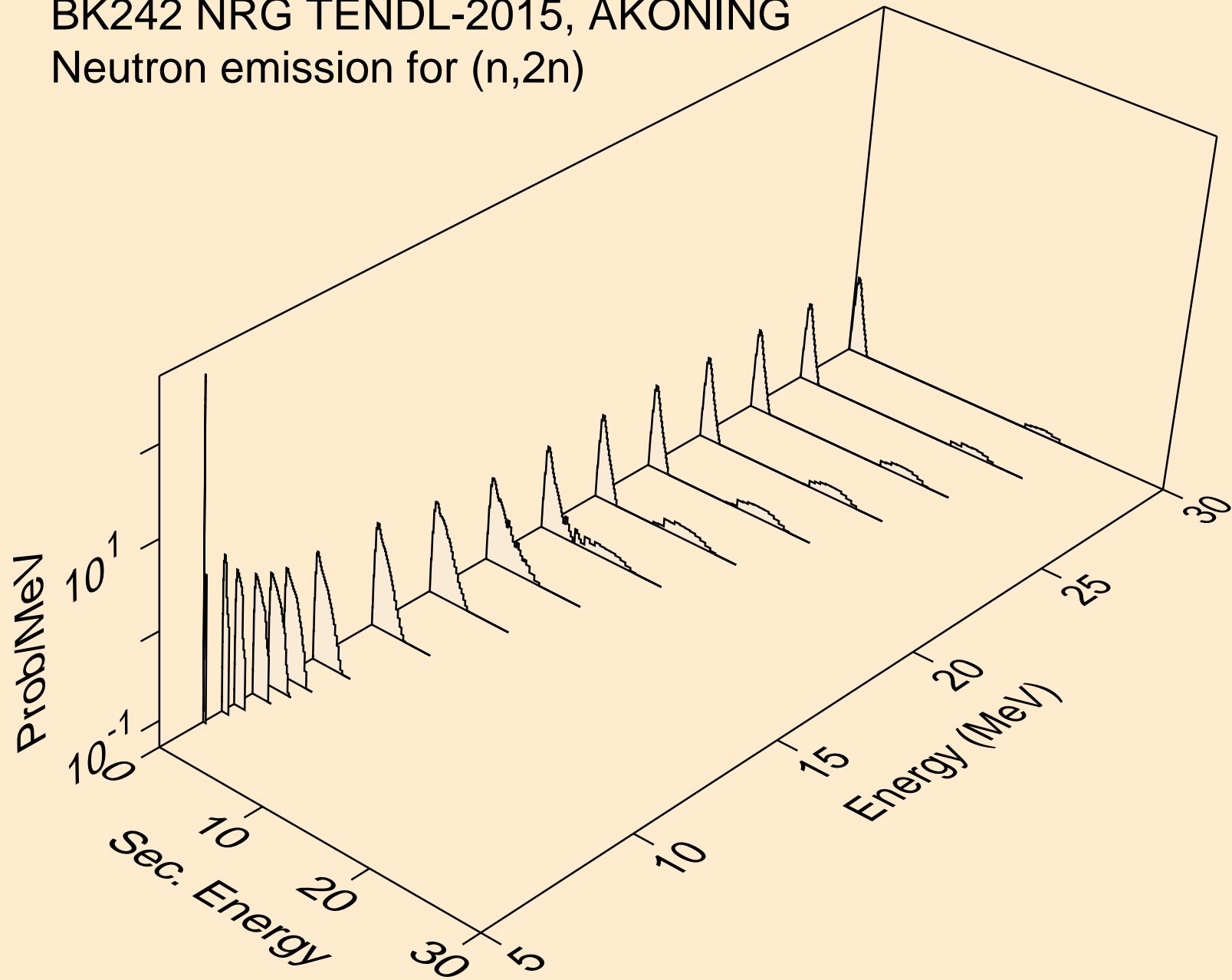




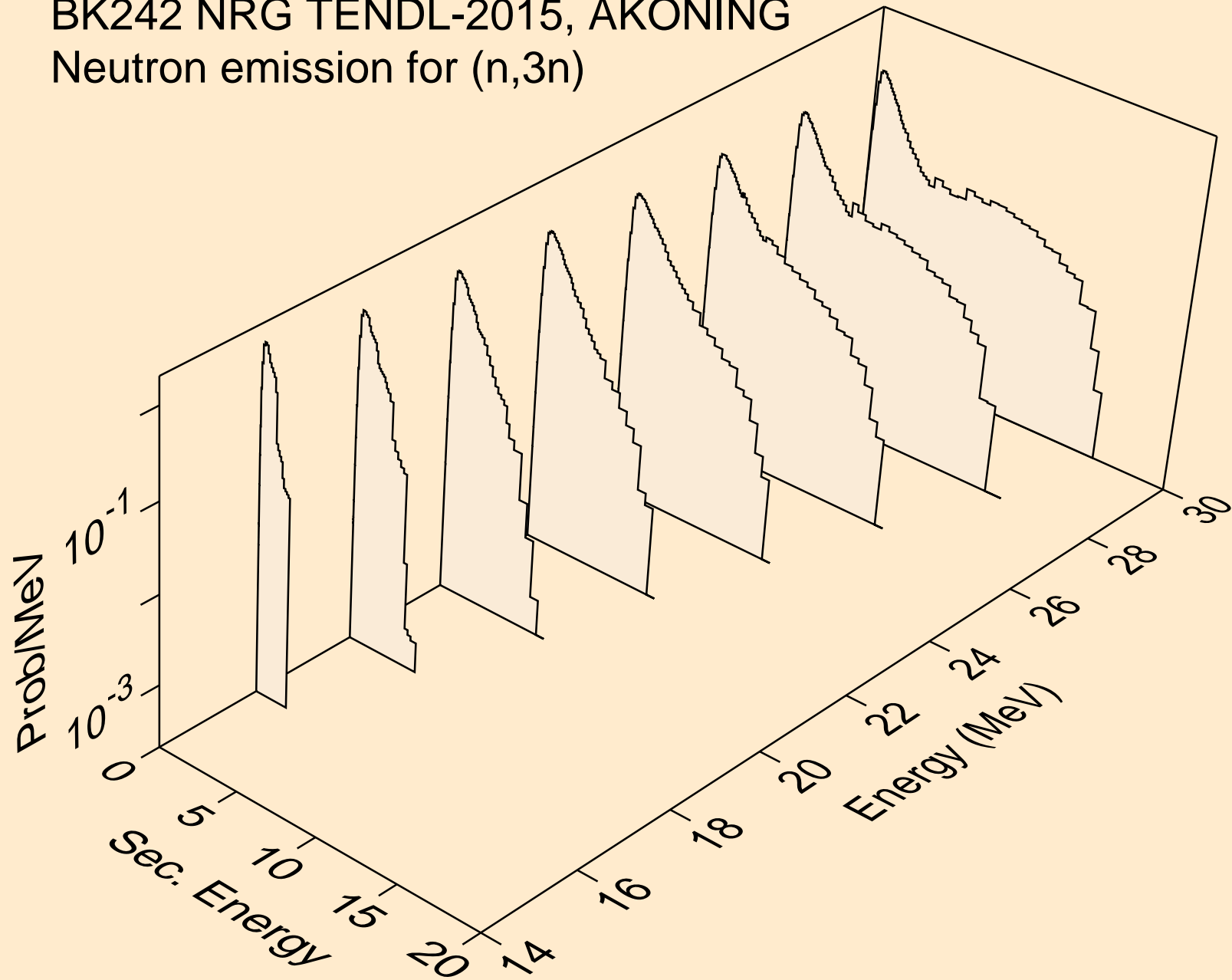
BK242 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



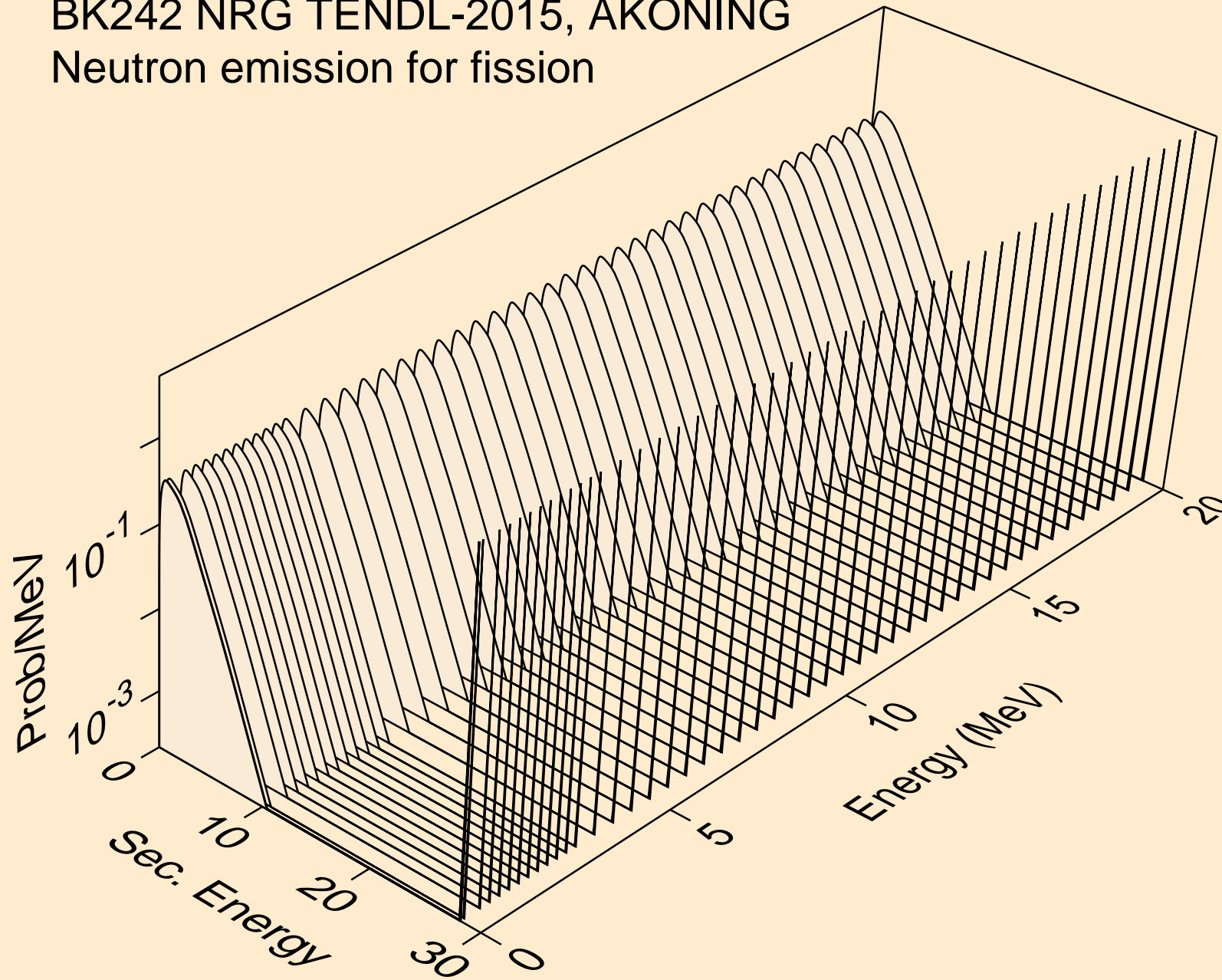
BK242 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



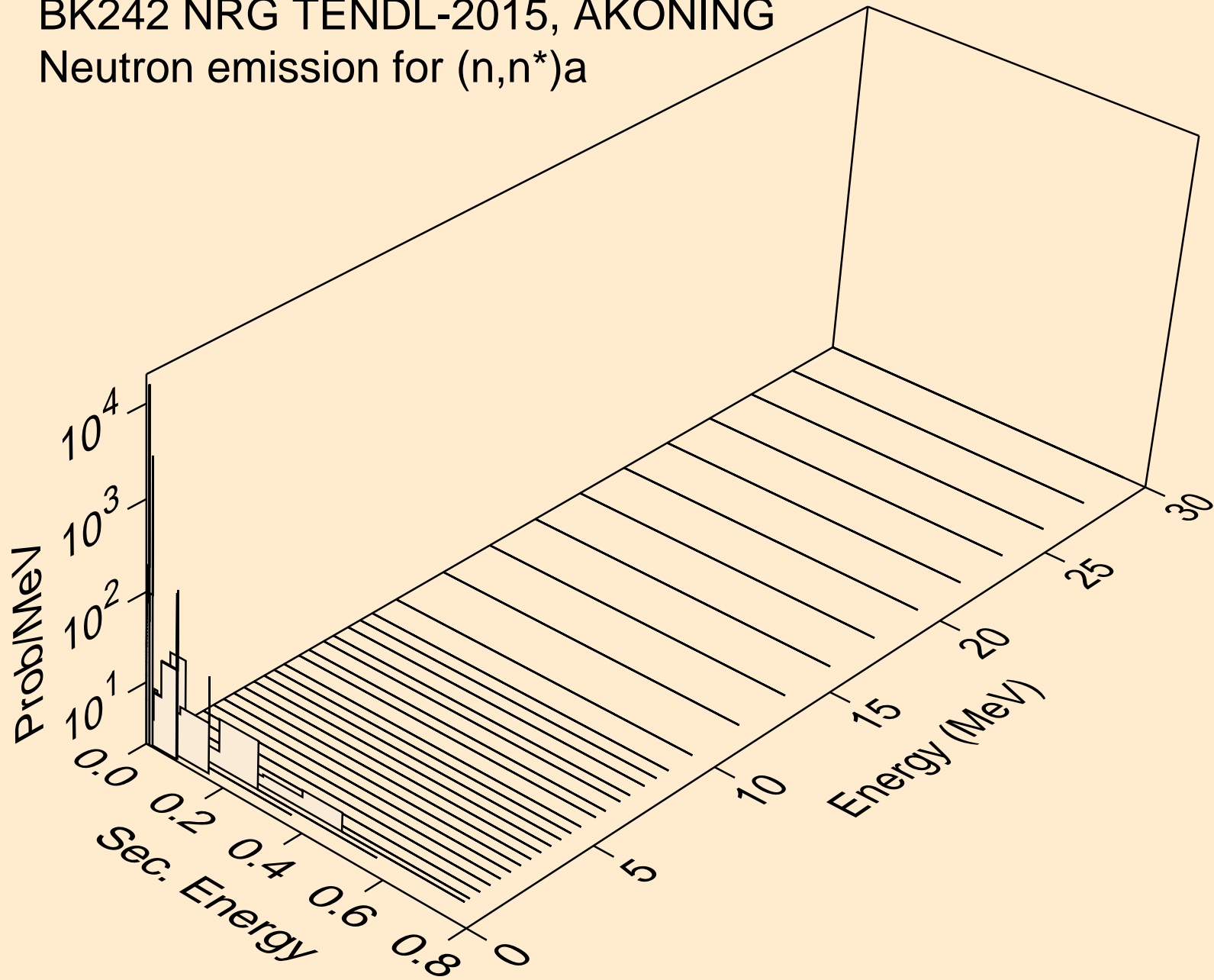
BK242 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



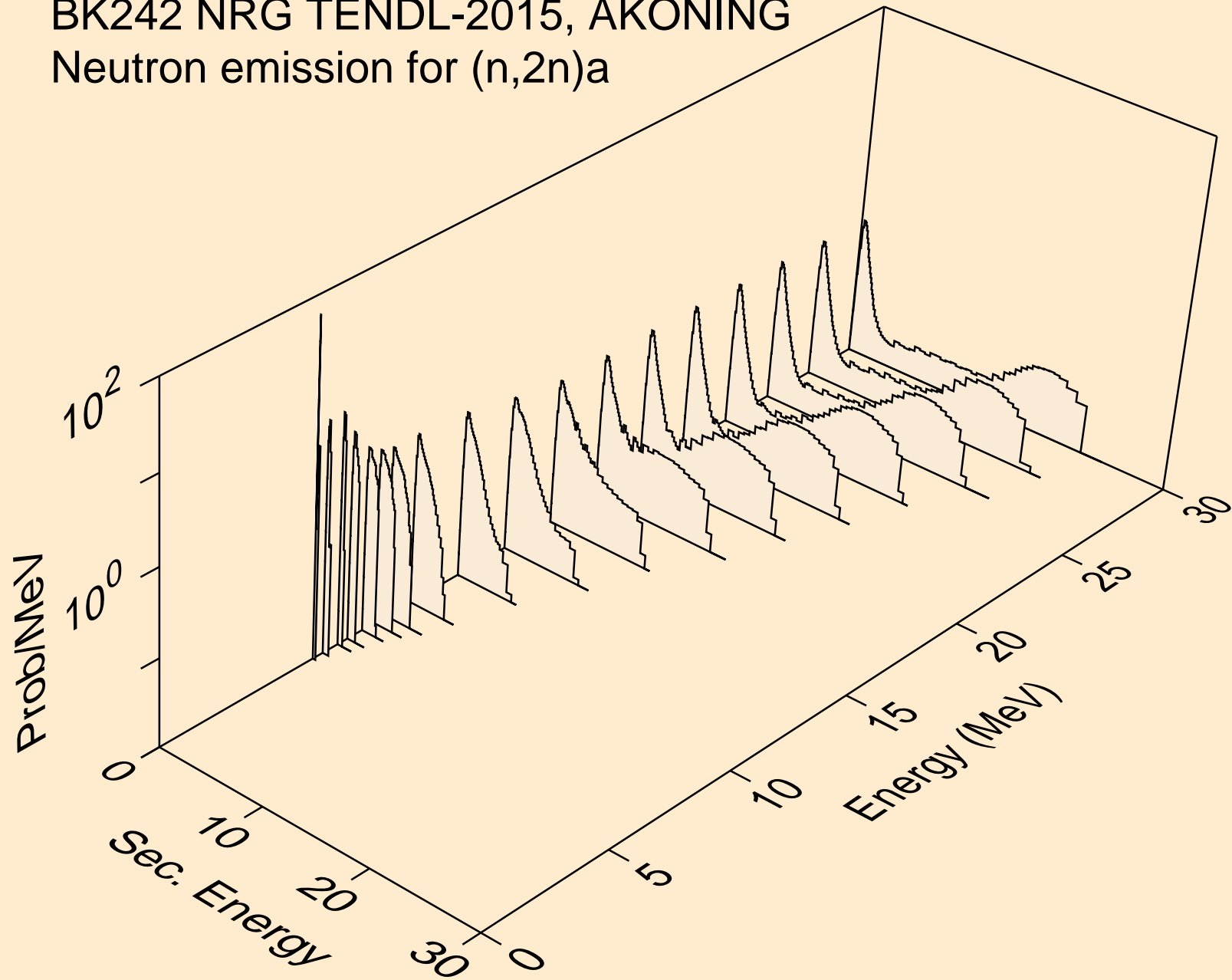
BK242 NRG TENDL-2015, AKONING  
Neutron emission for fission



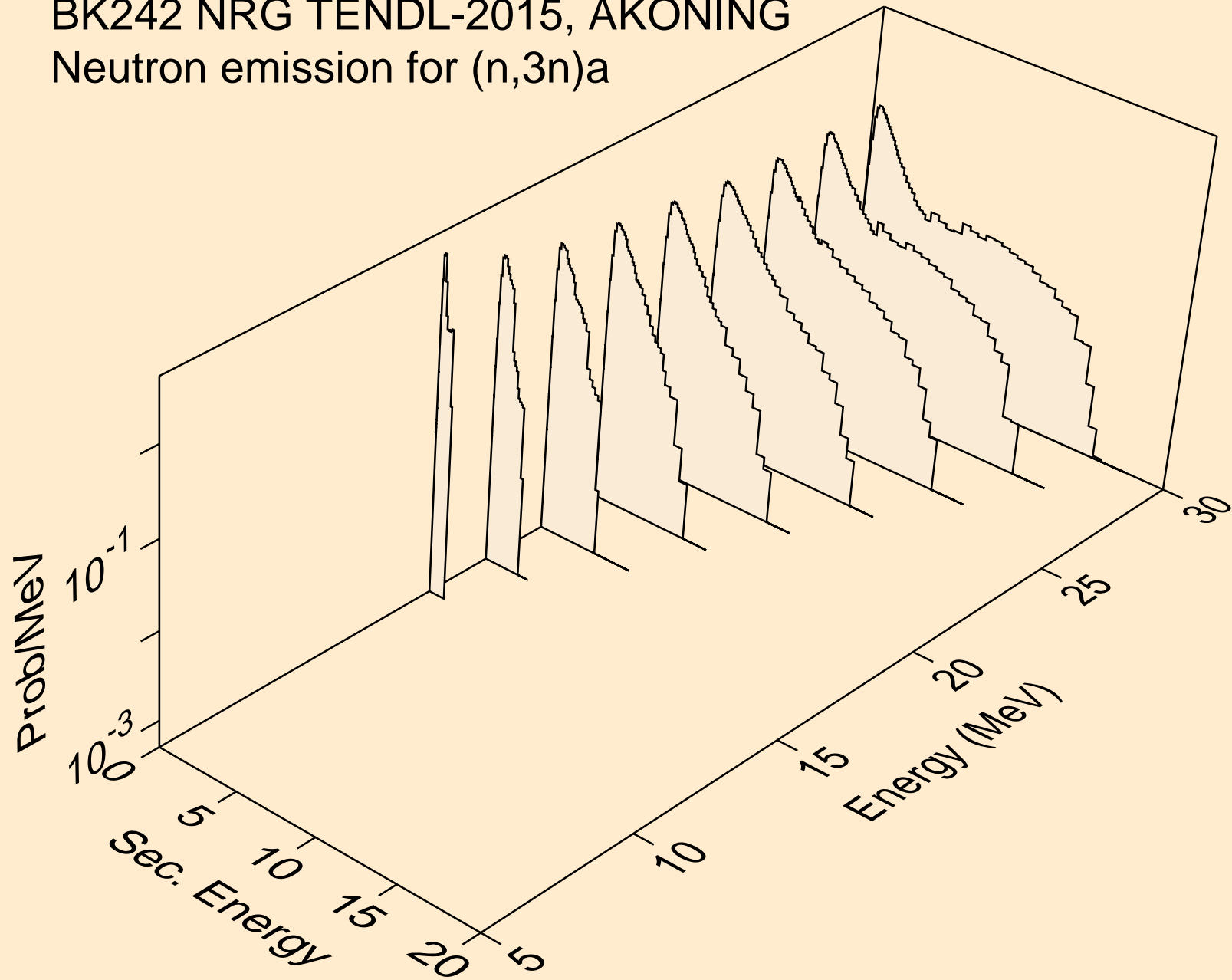
BK242 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



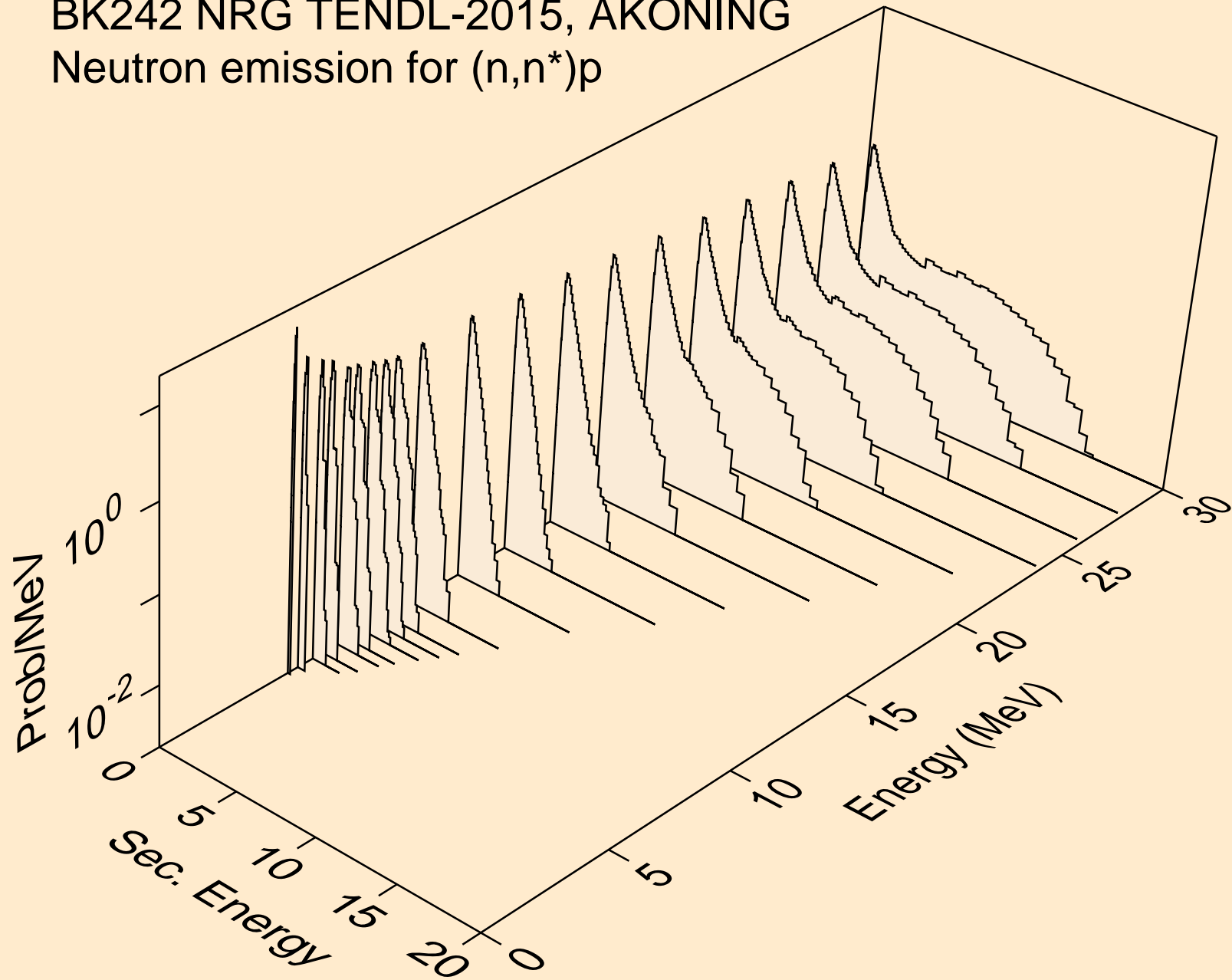
BK242 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



BK242 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

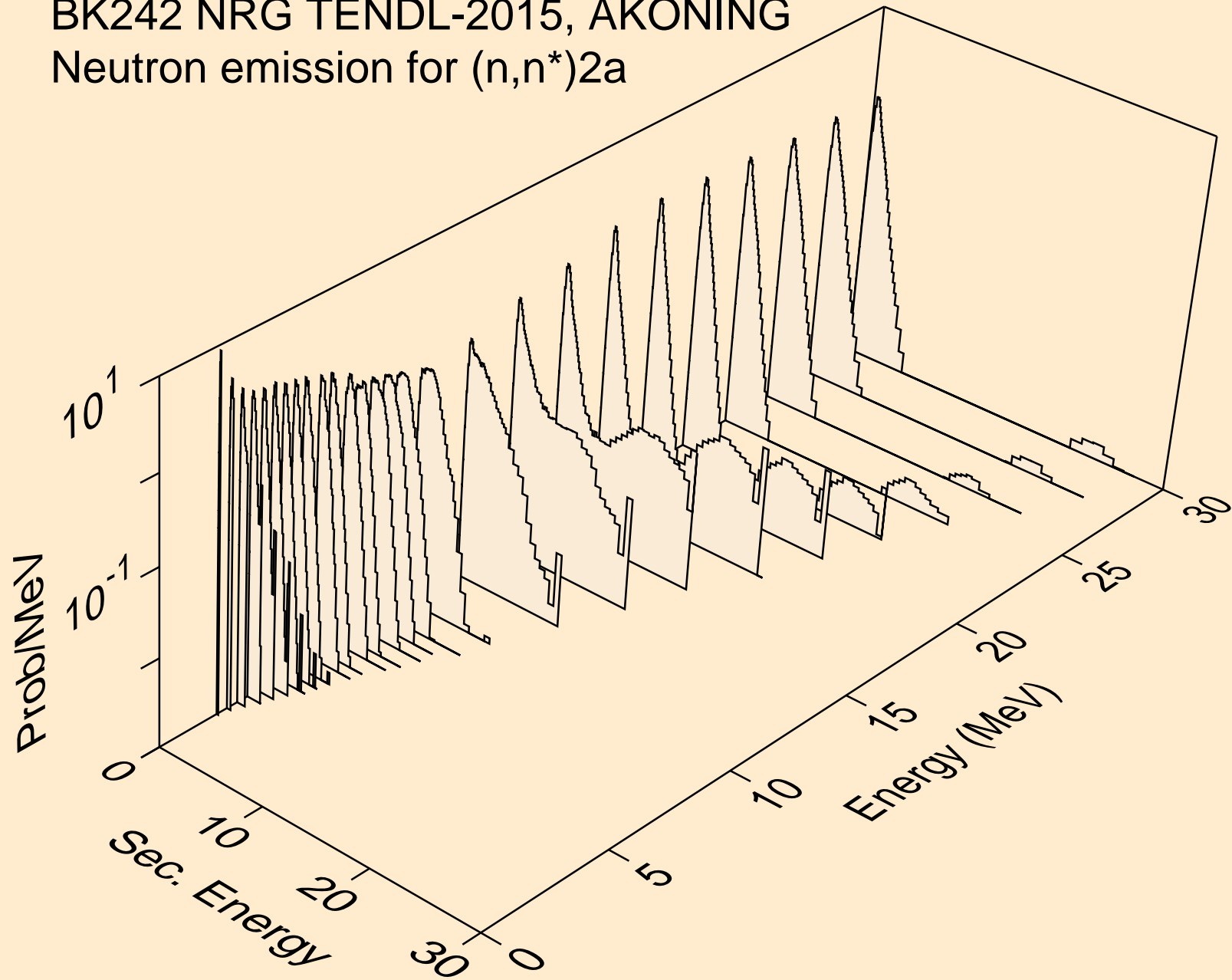


BK242 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

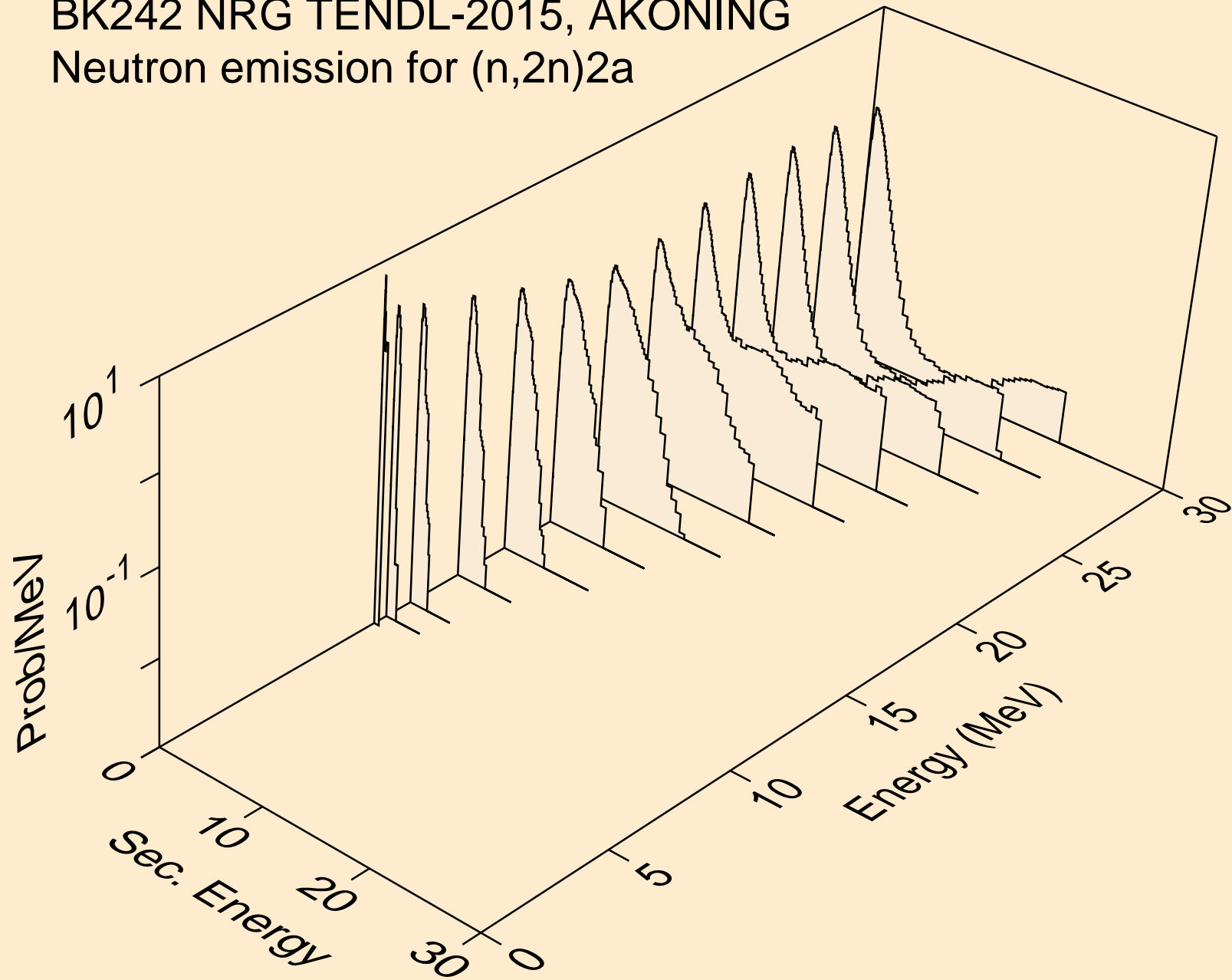




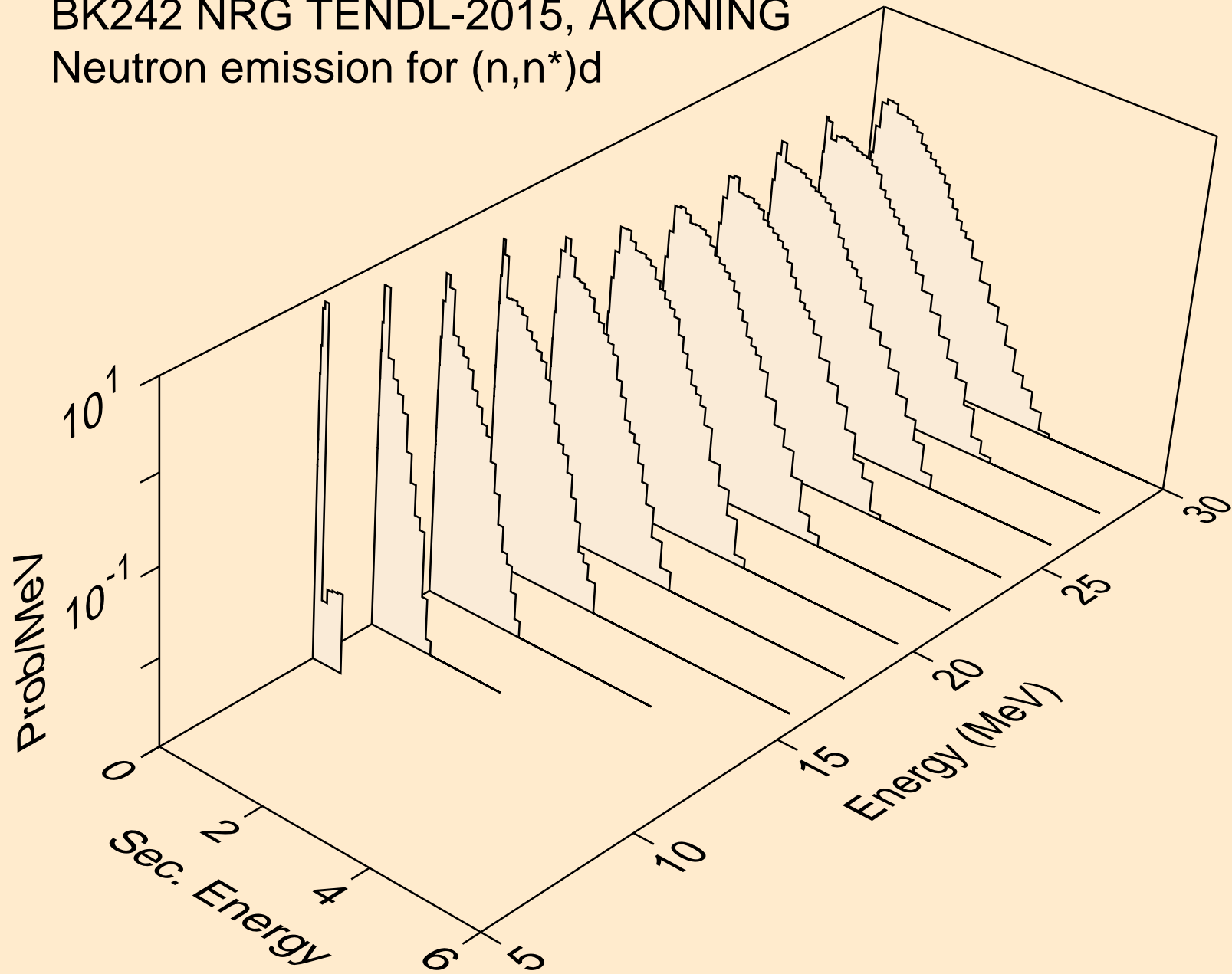
BK242 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



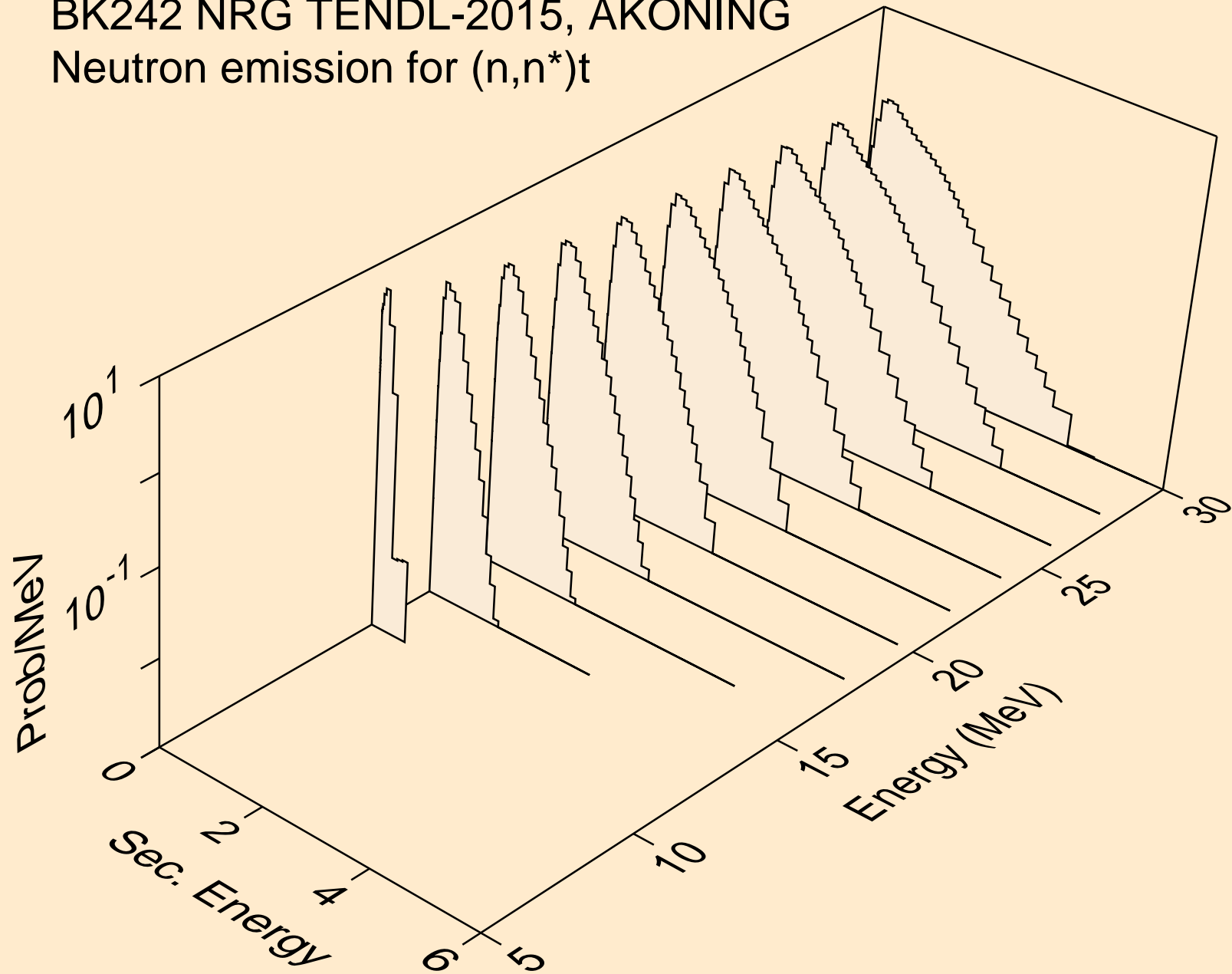
BK242 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



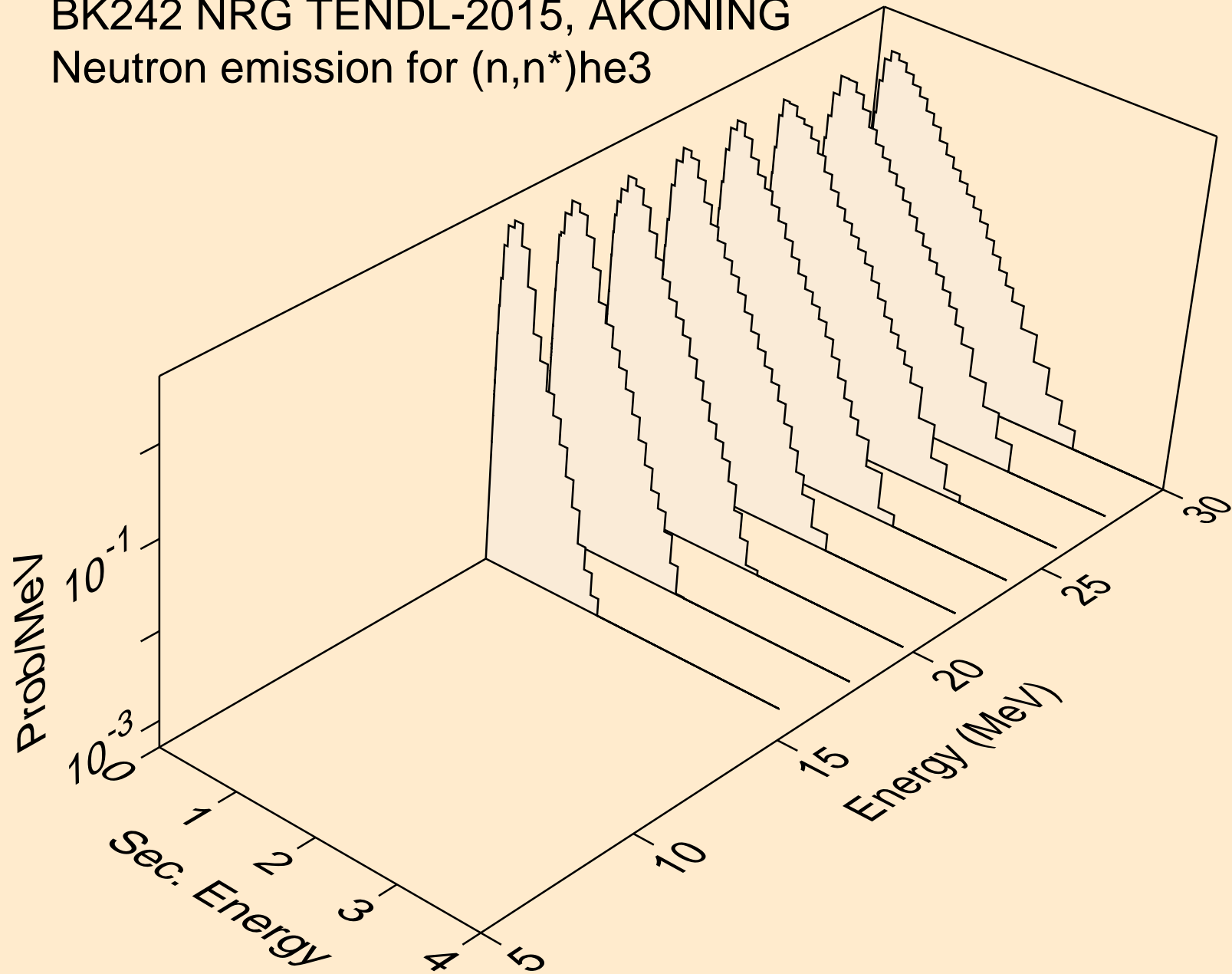
BK242 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



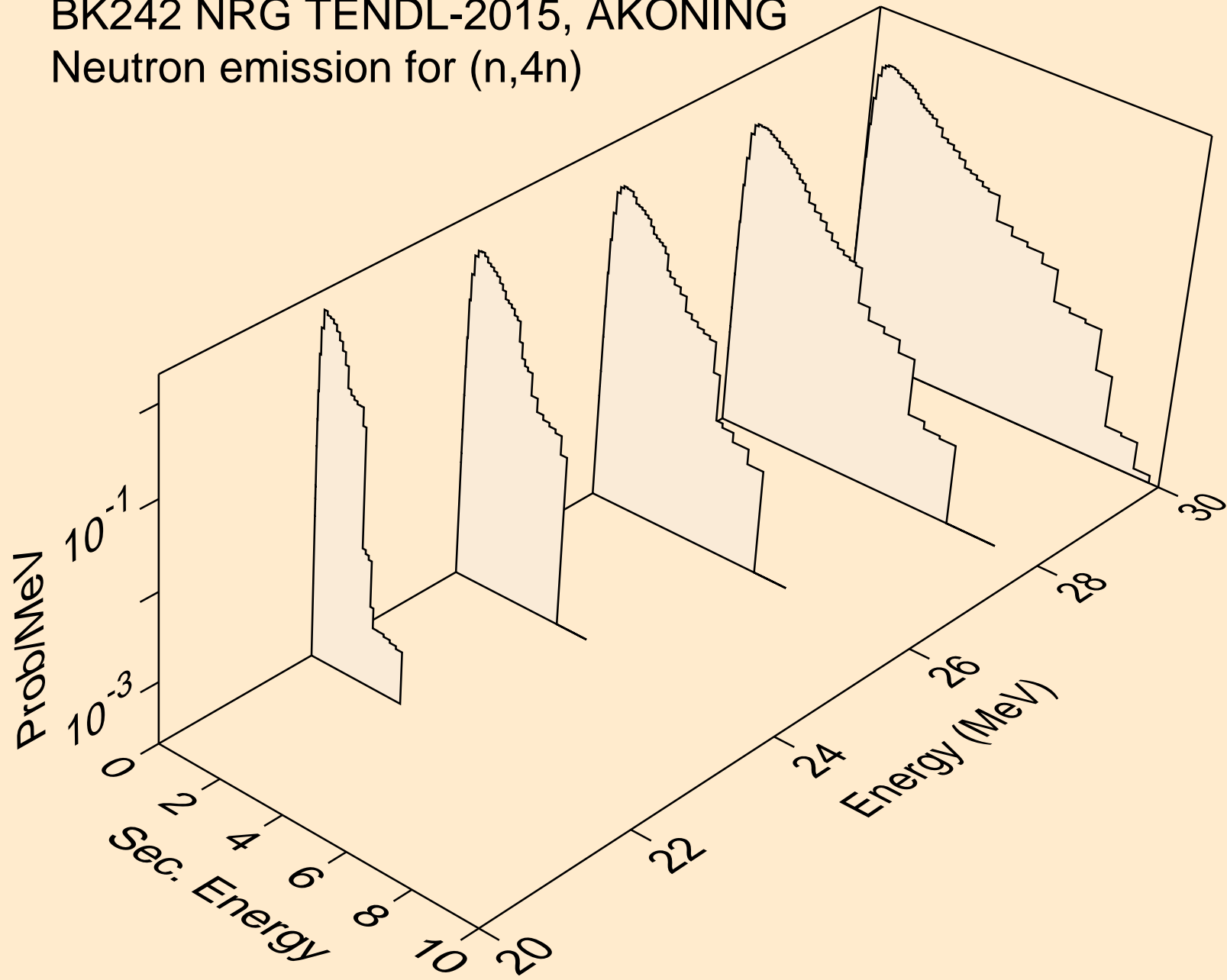
BK242 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



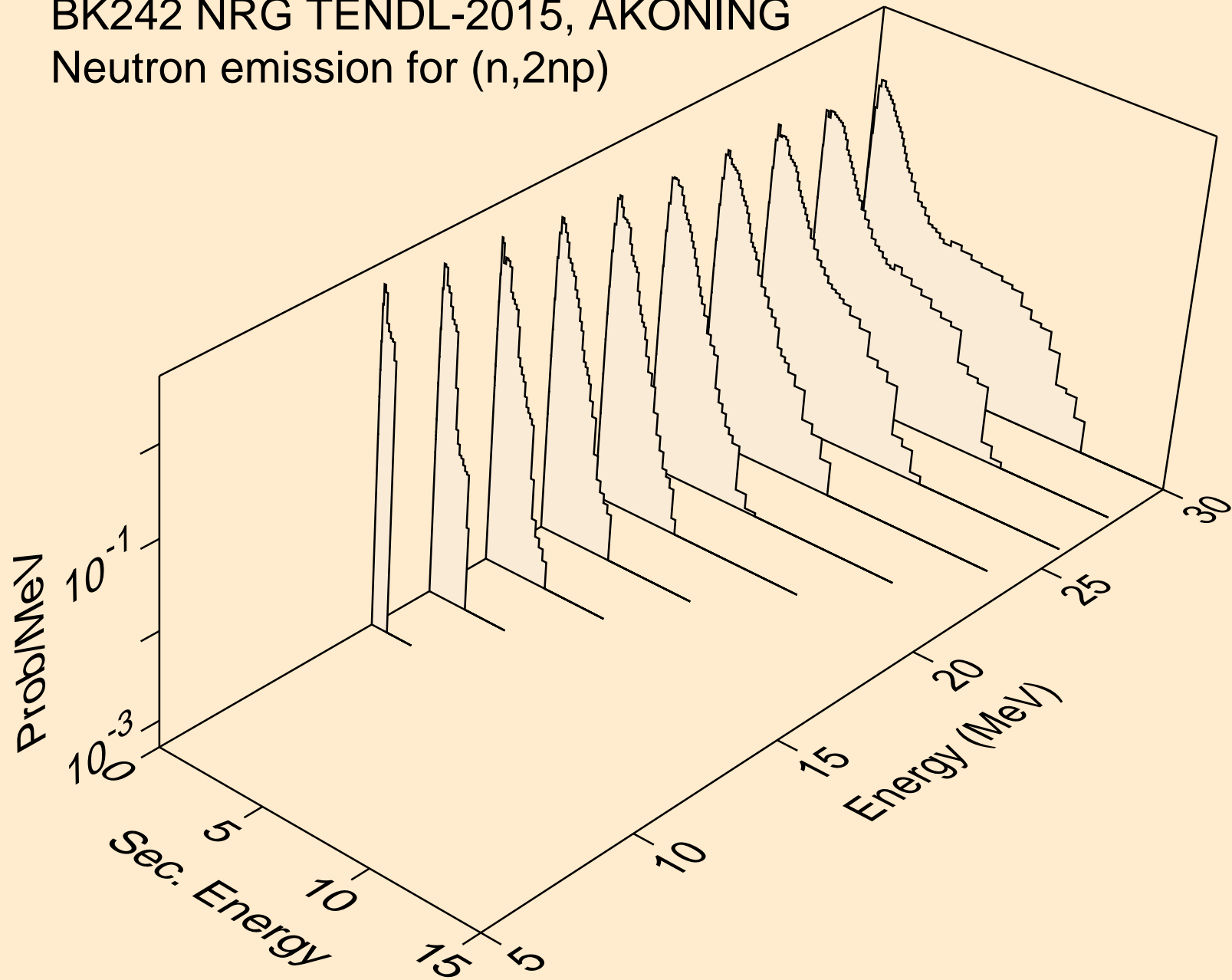
BK242 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



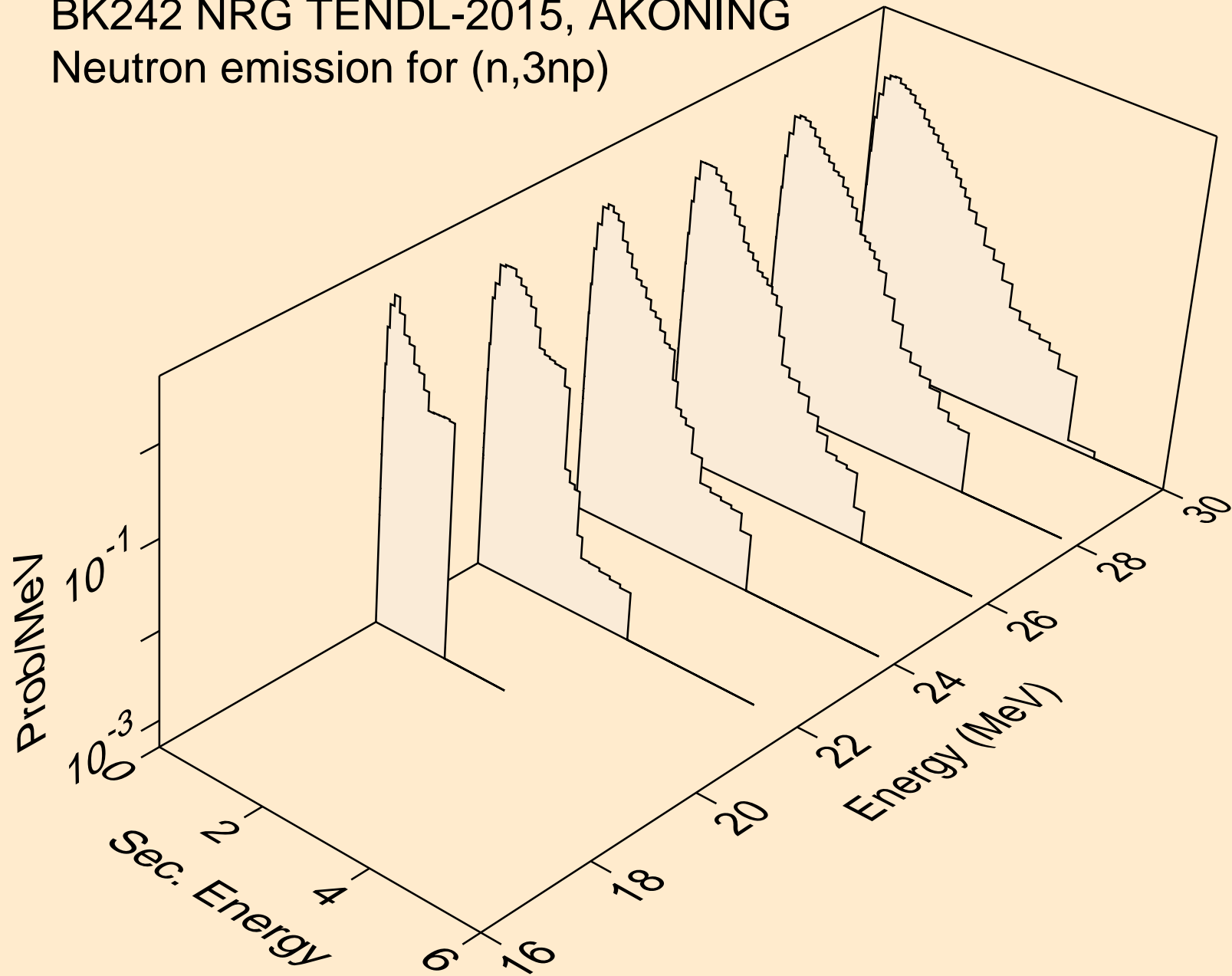
BK242 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



BK242 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

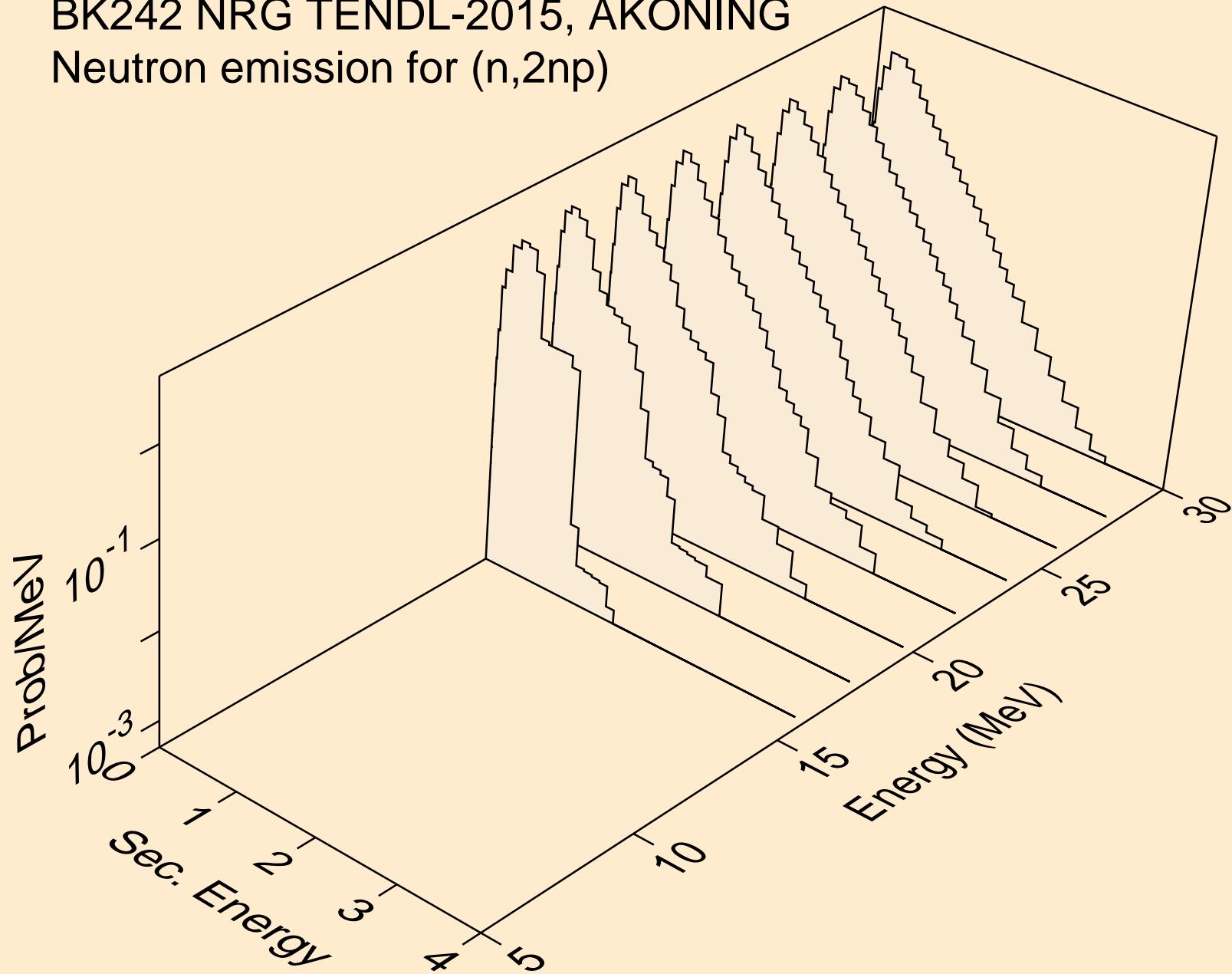


BK242 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

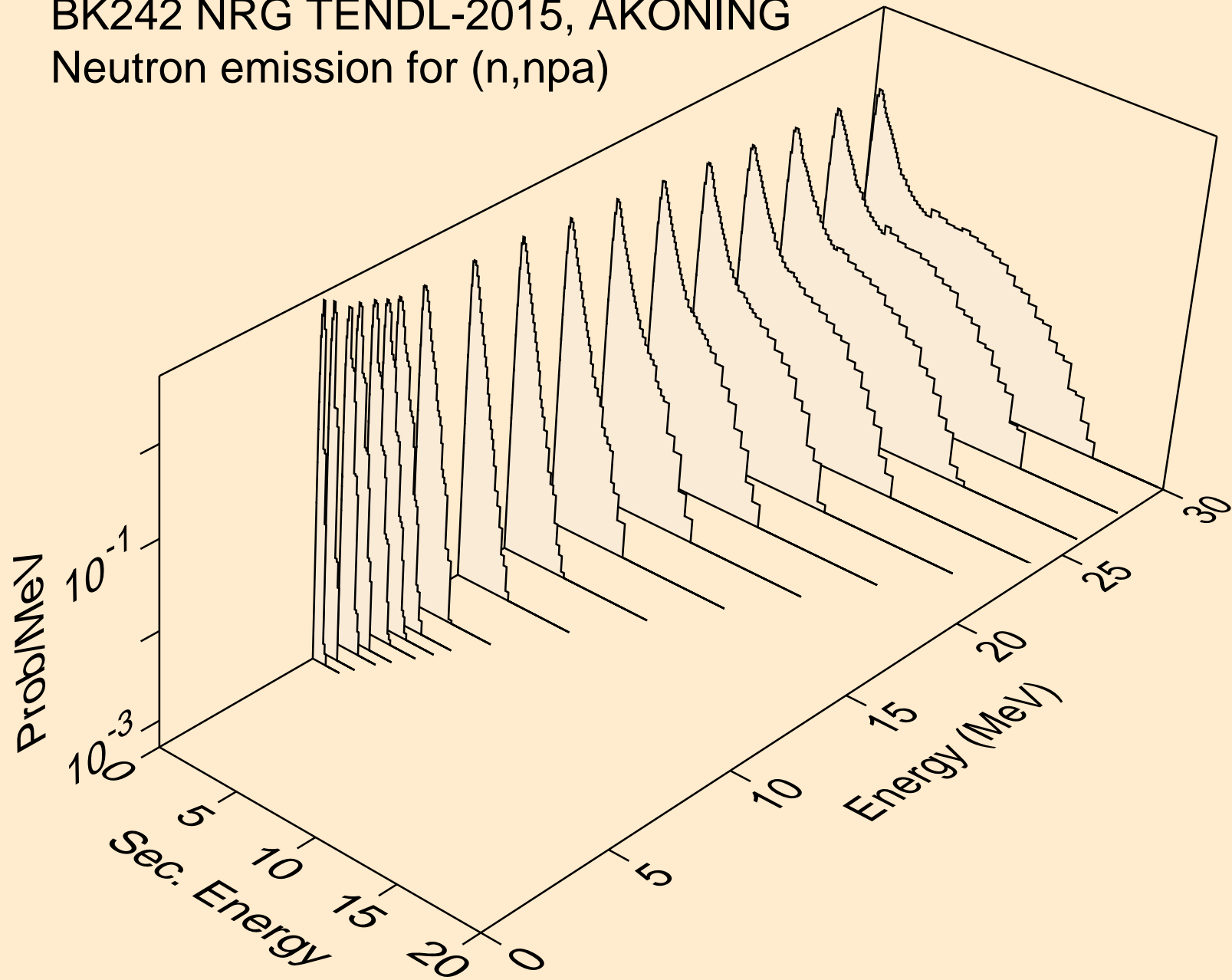




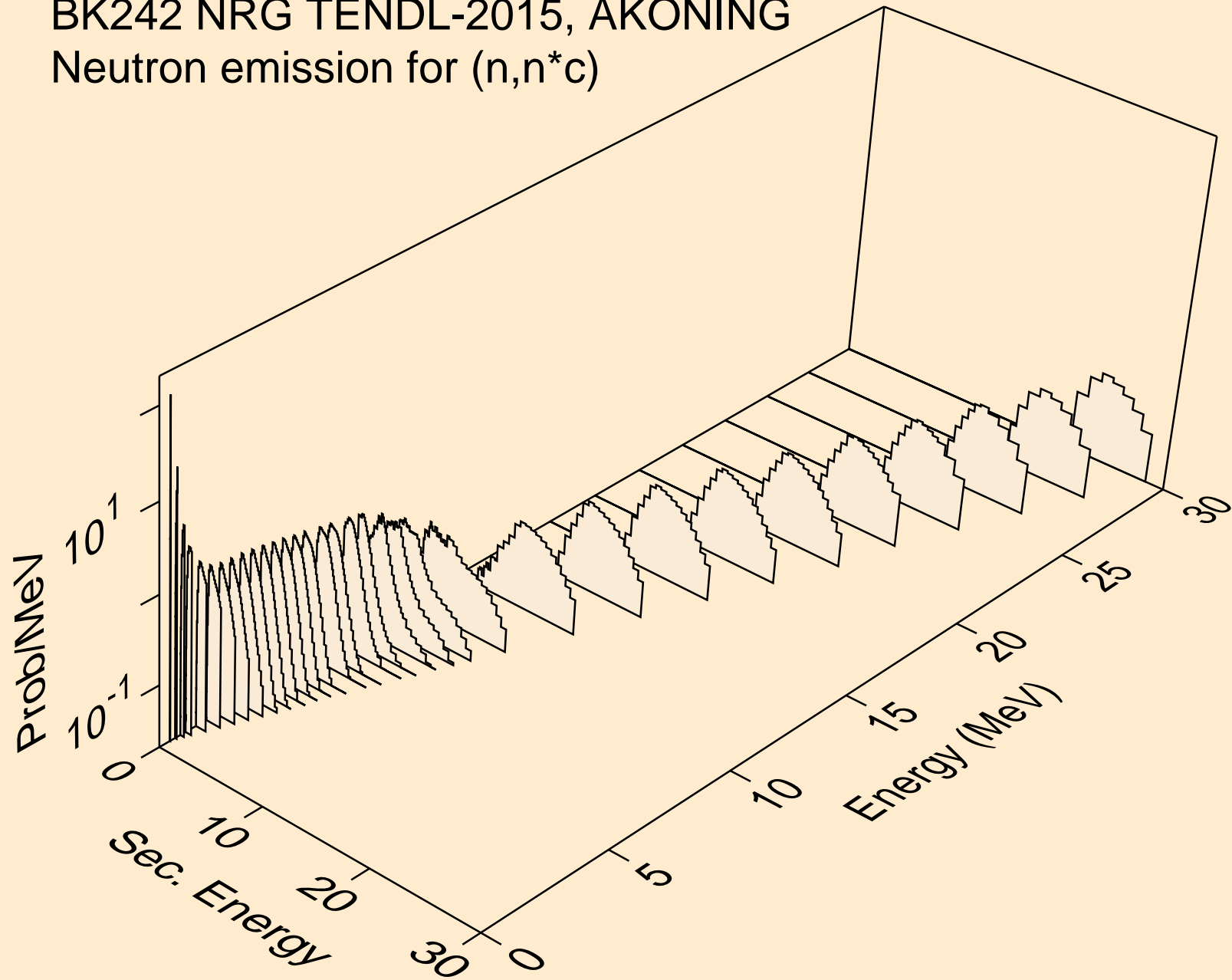
BK242 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



BK242 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

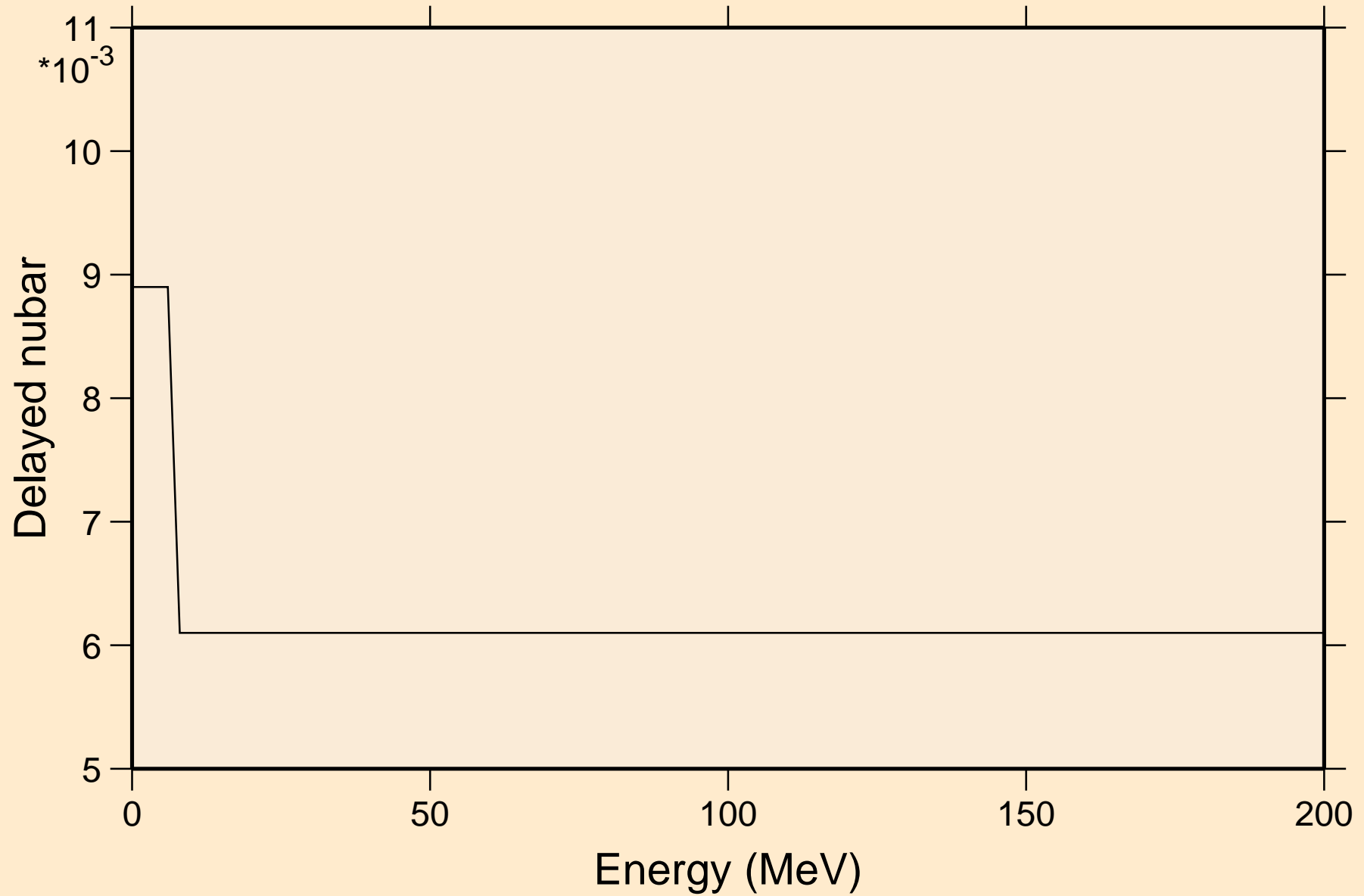


BK242 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



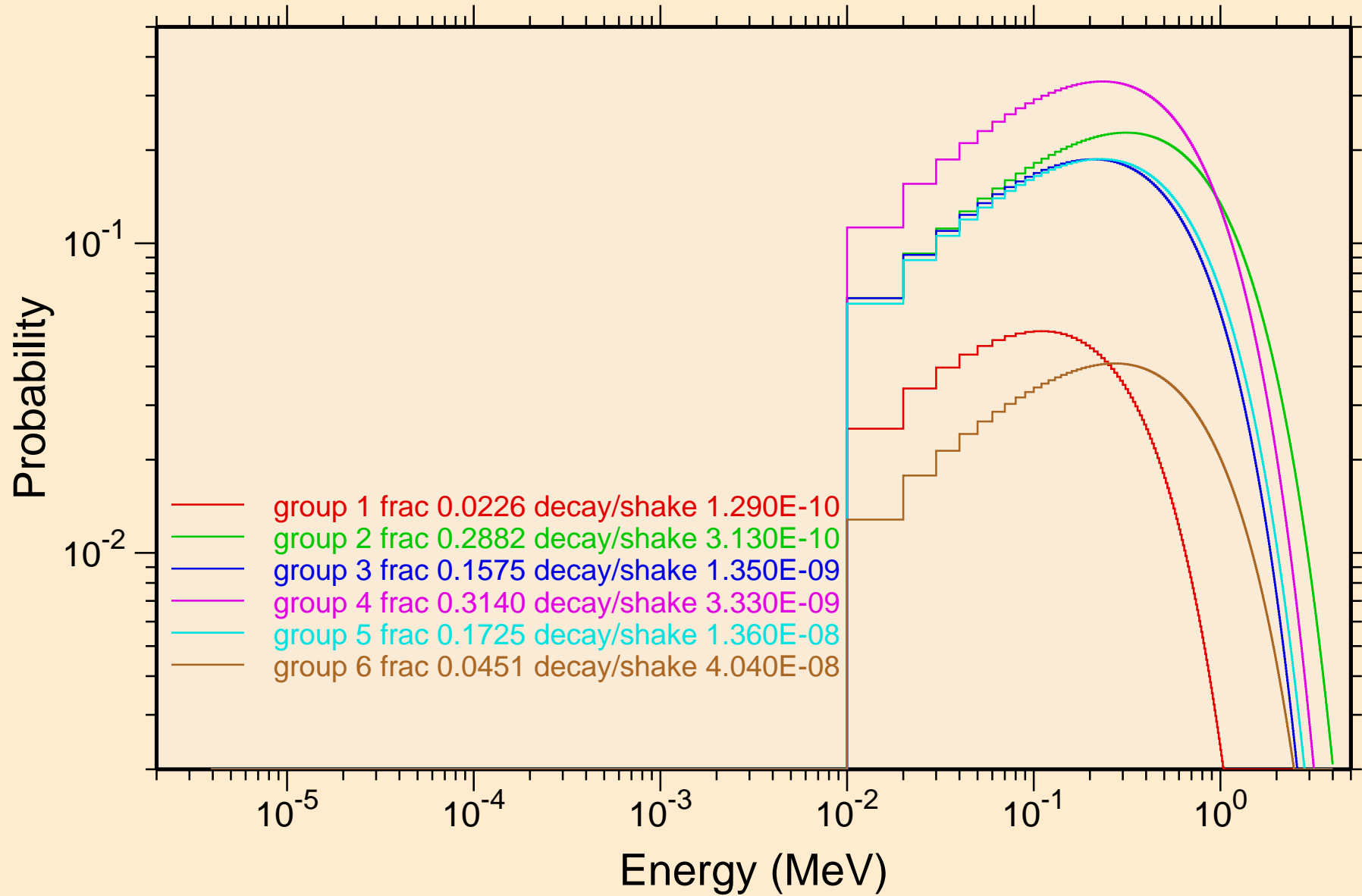
# BK242 NRG TENDL-2015, AKONING

Delayed nubar

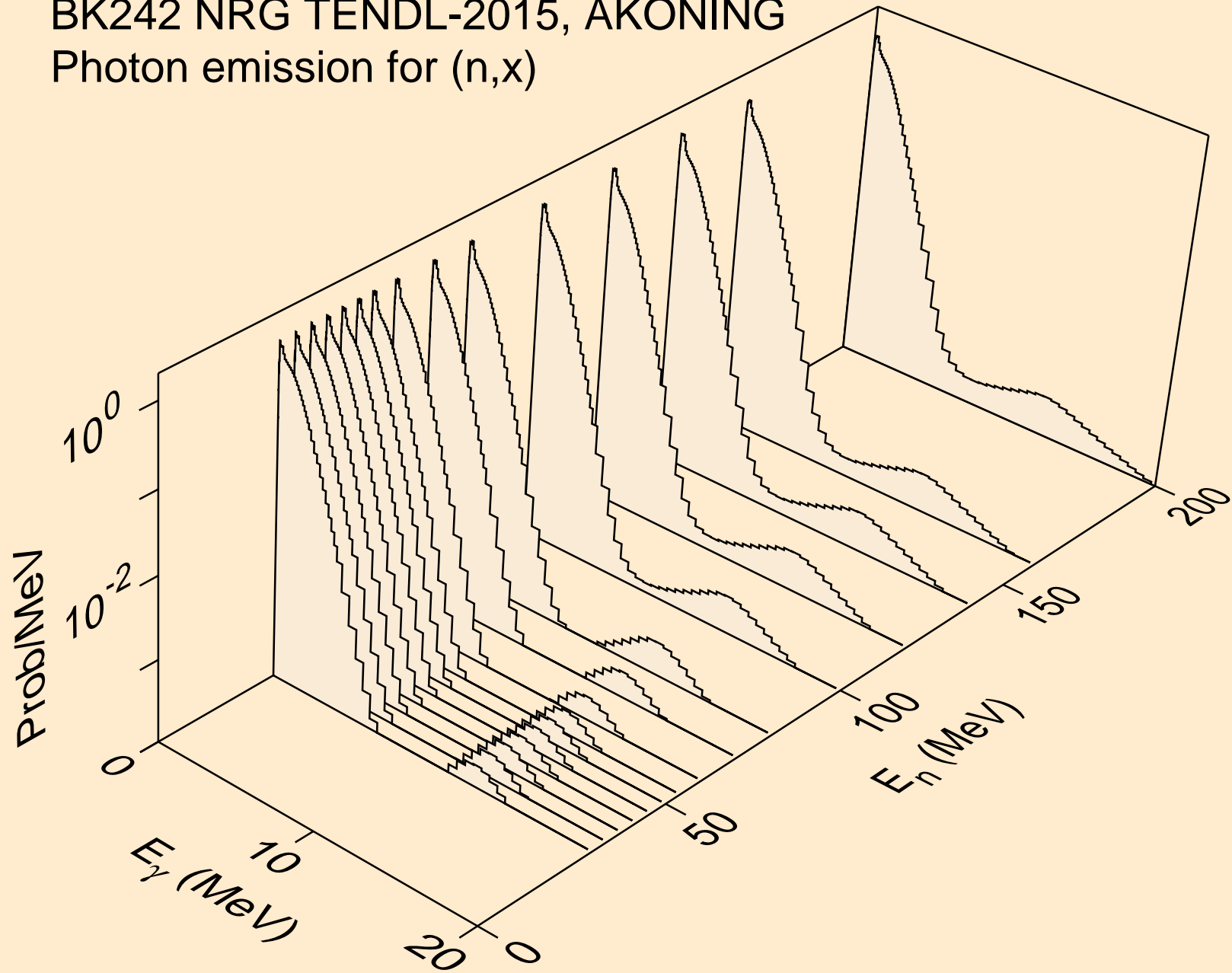


# BK242 NRG TENDL-2015, AKONING

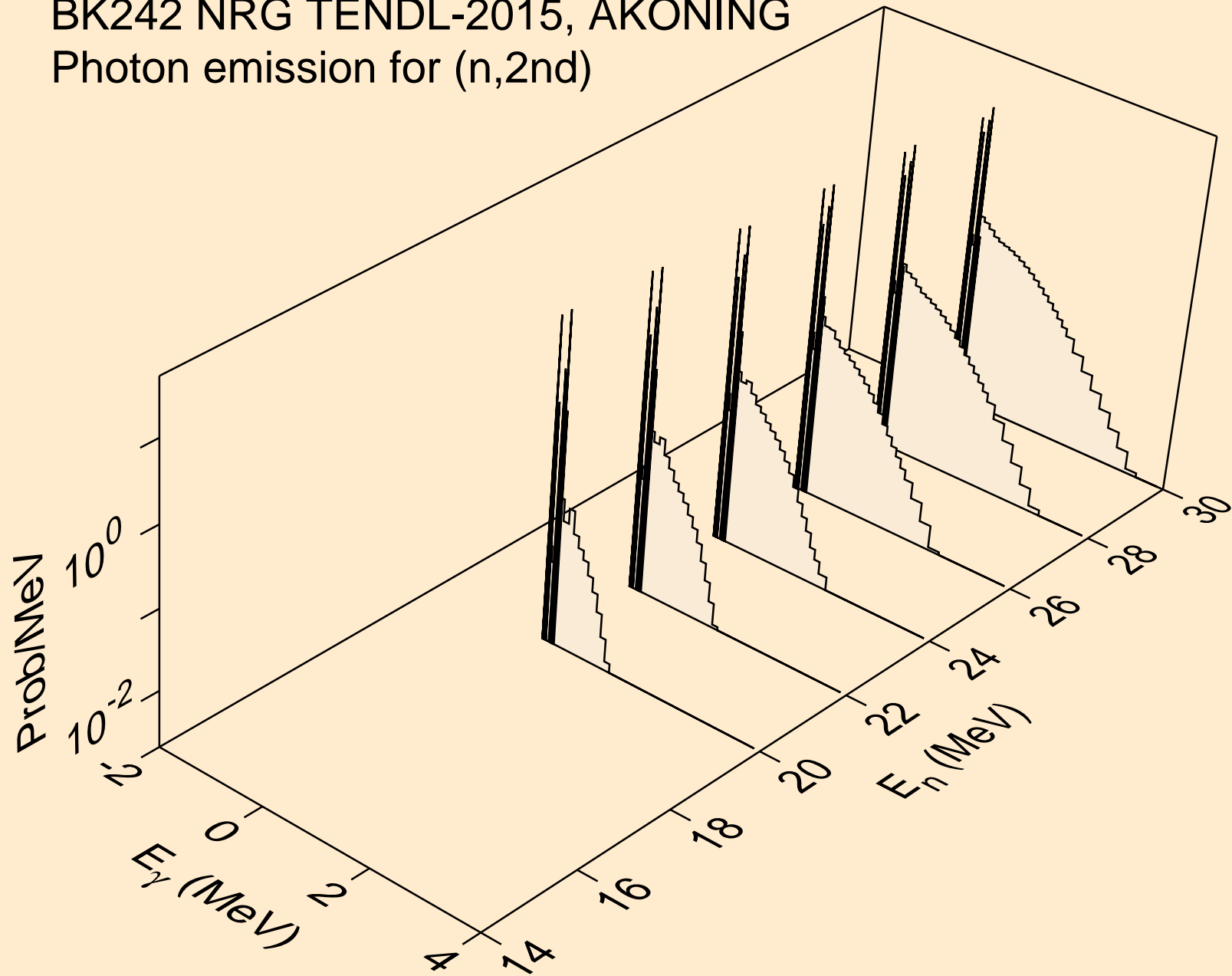
## Delayed neutron spectra



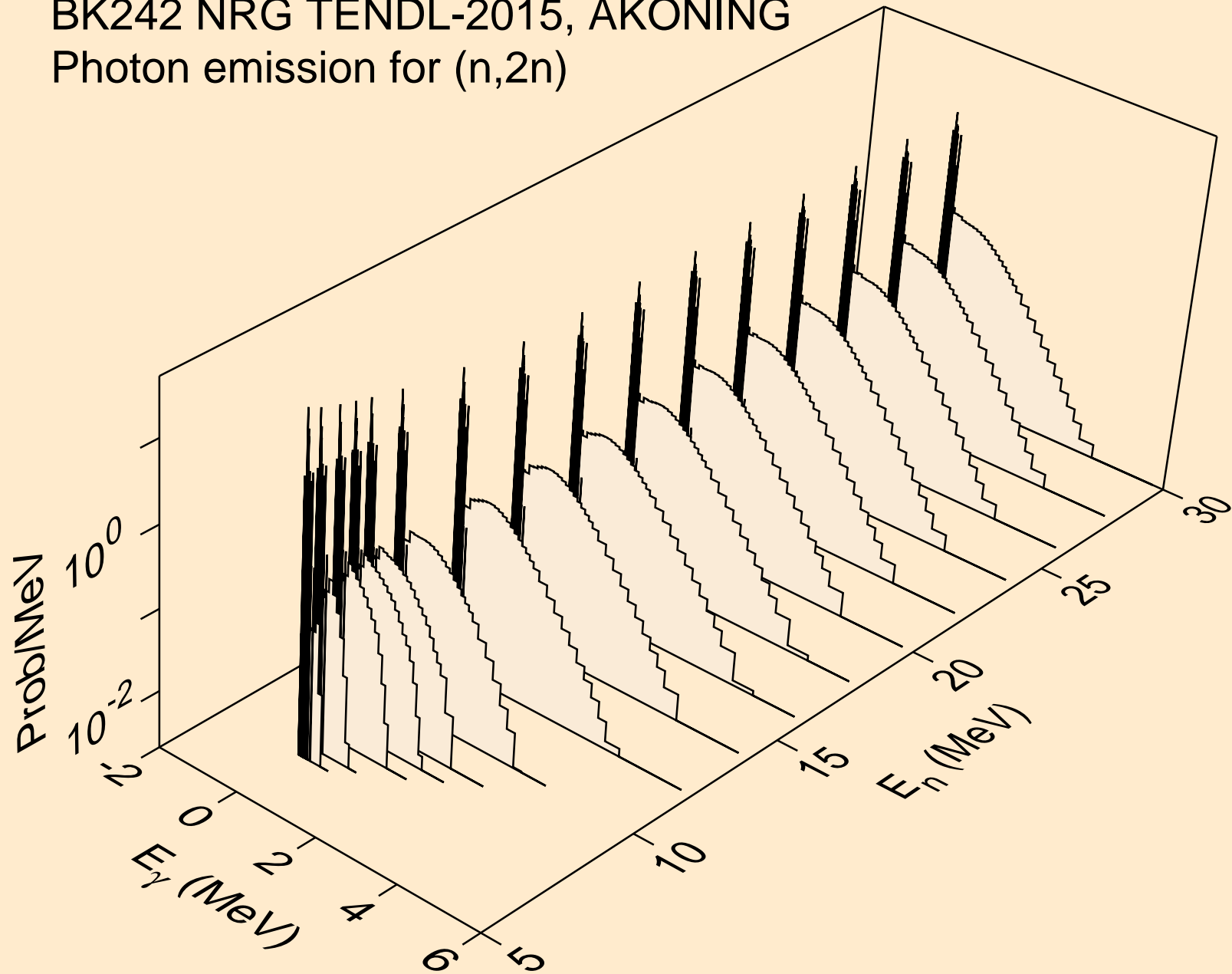
BK242 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



BK242 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

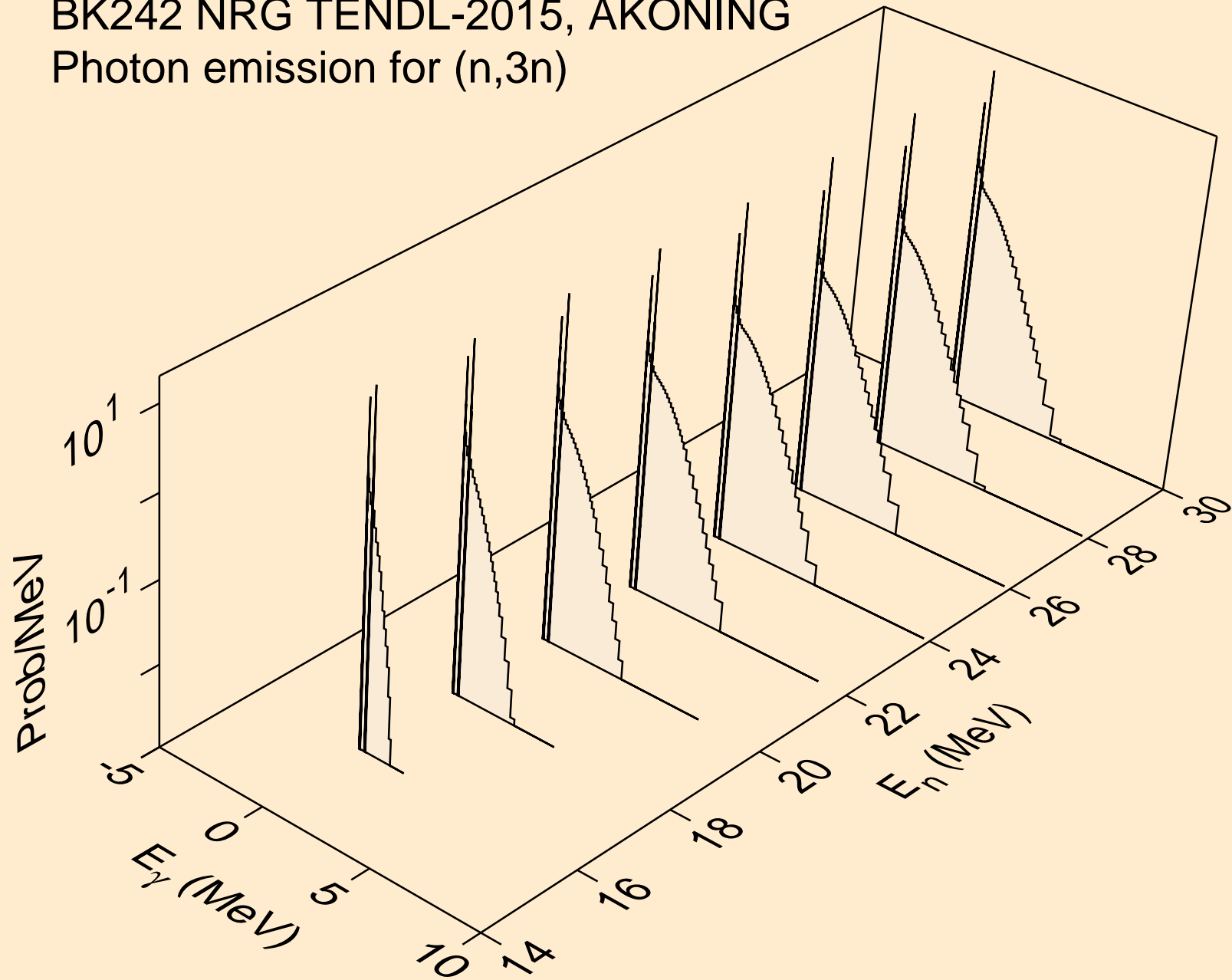


BK242 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

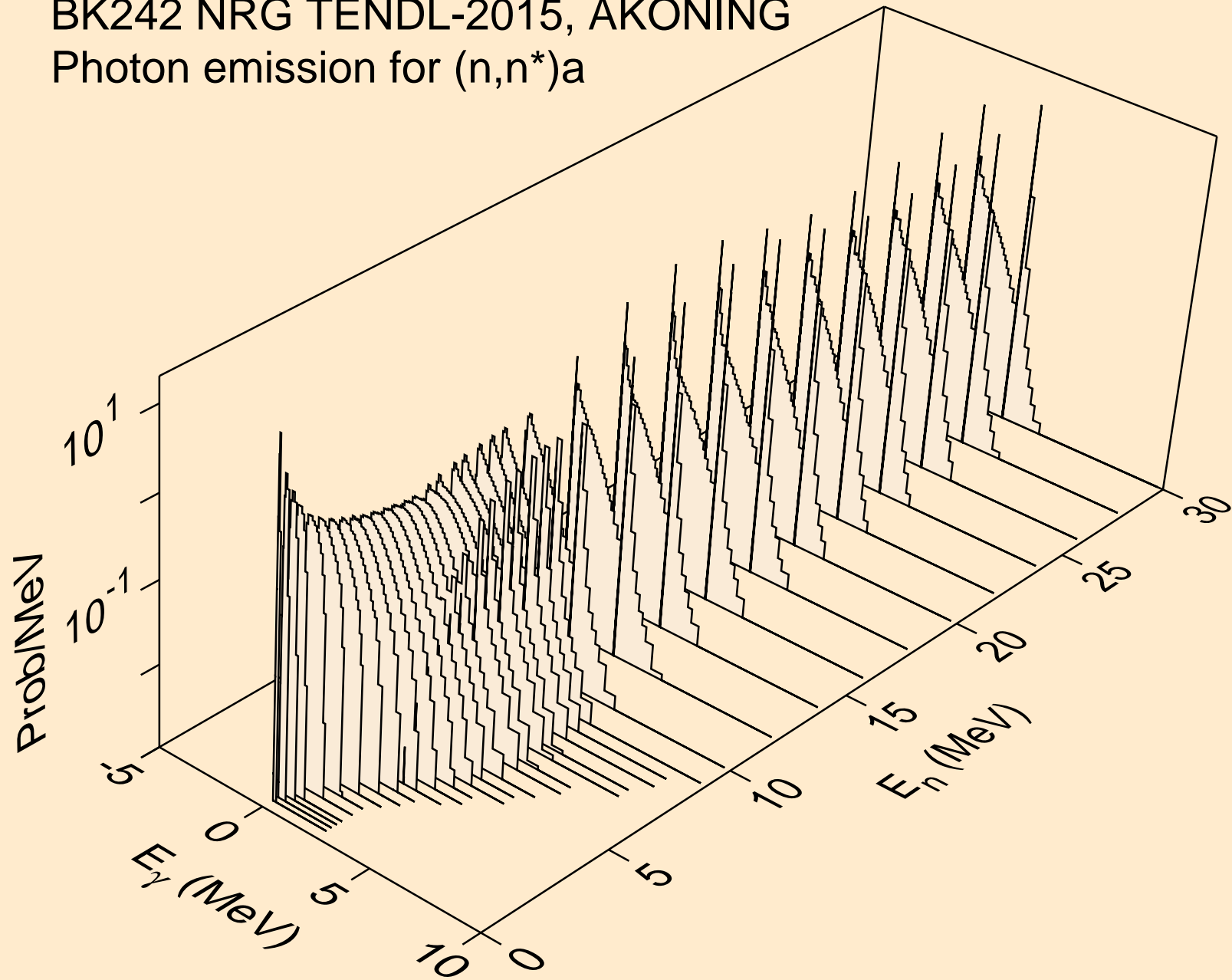




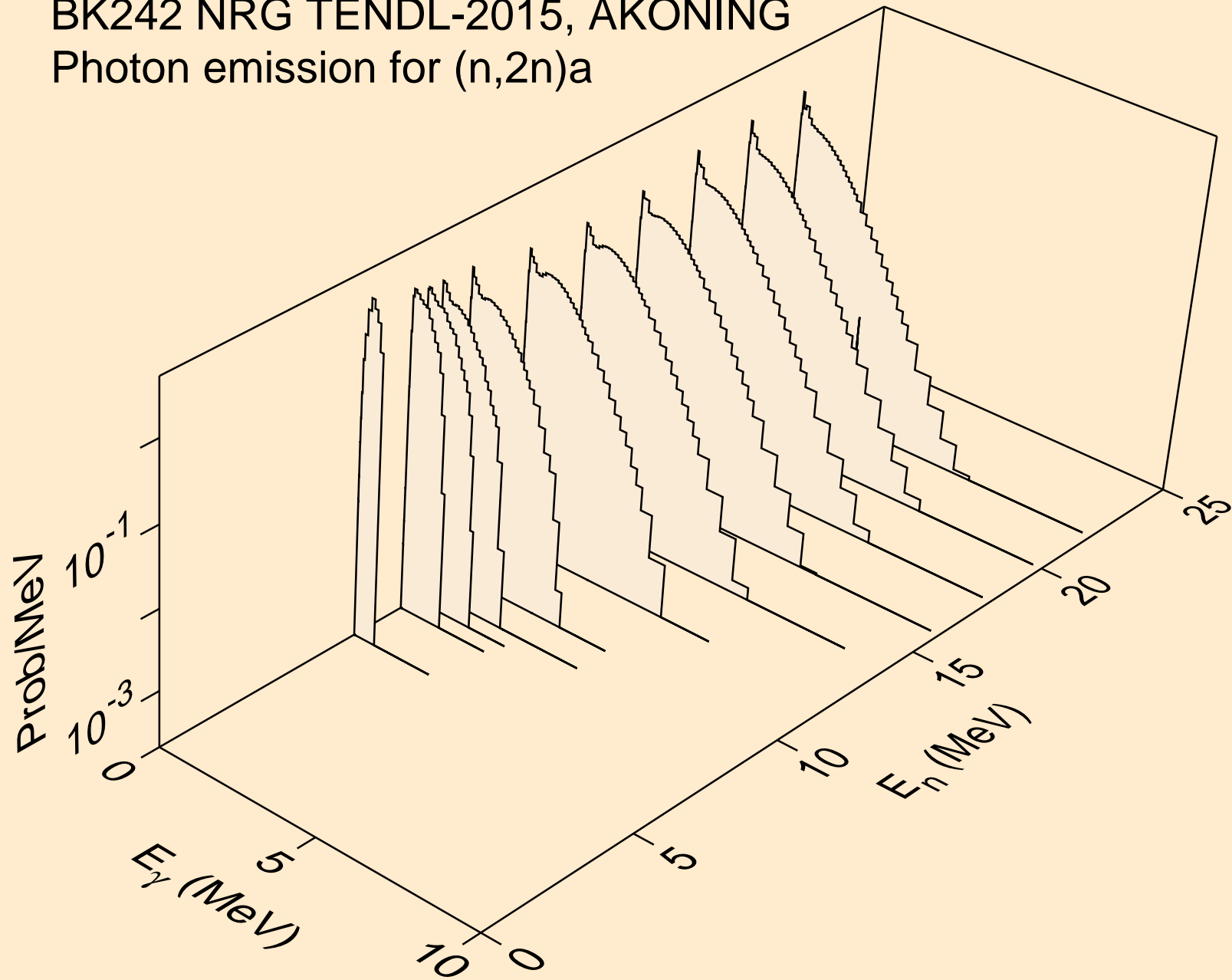
BK242 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



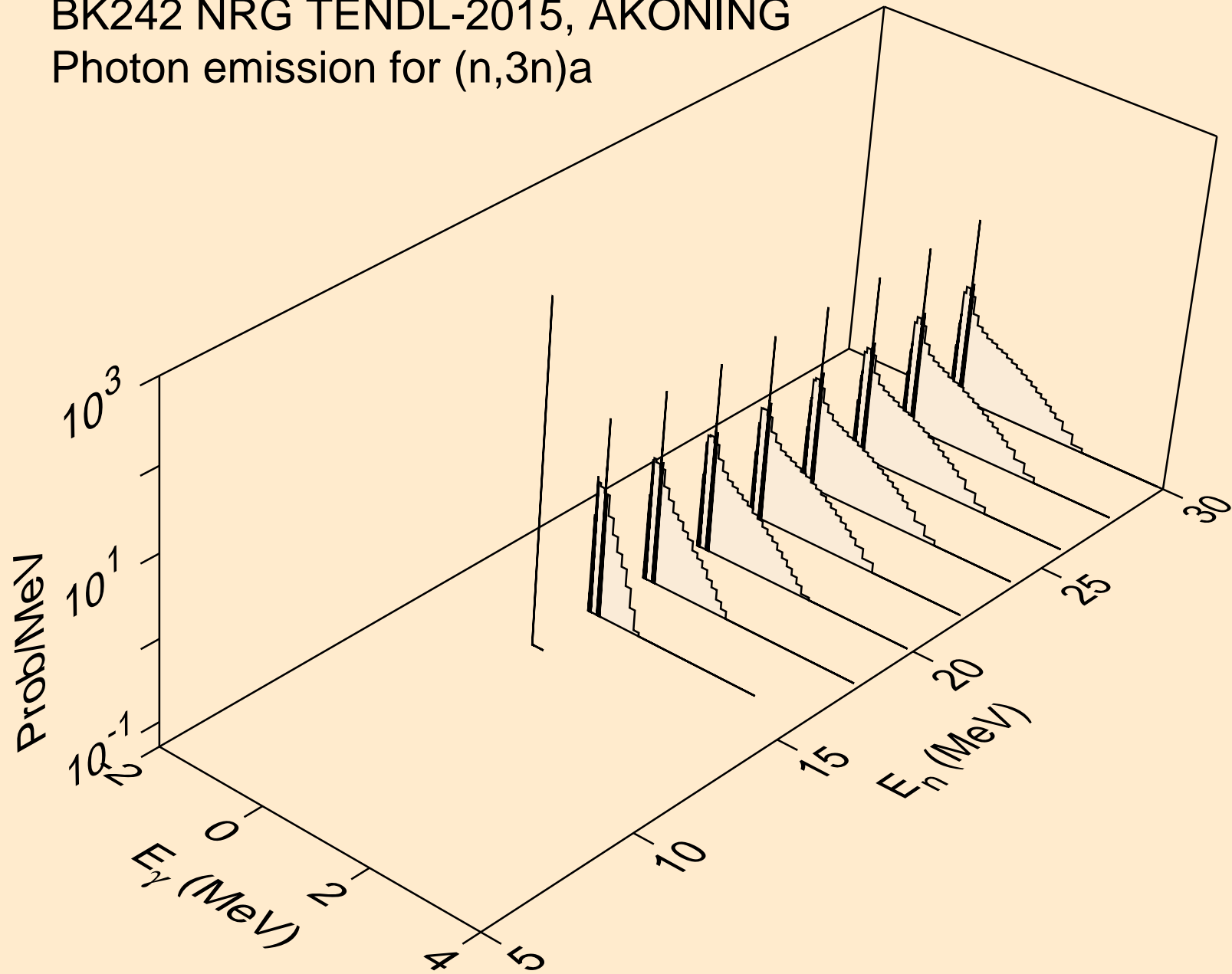
BK242 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



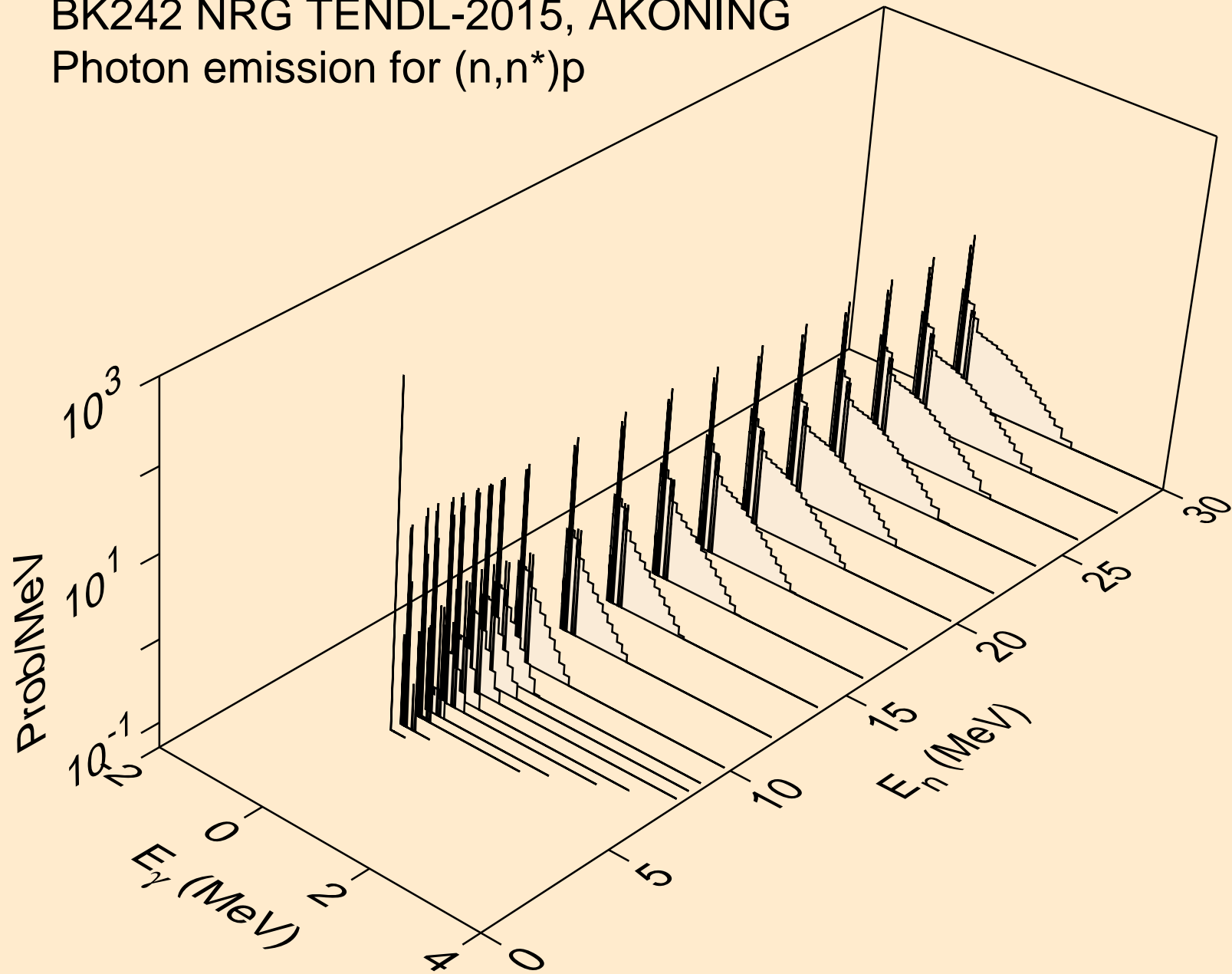
BK242 NRG TENDL-2015, AKONING  
Photon emission for (n,2n) $\alpha$



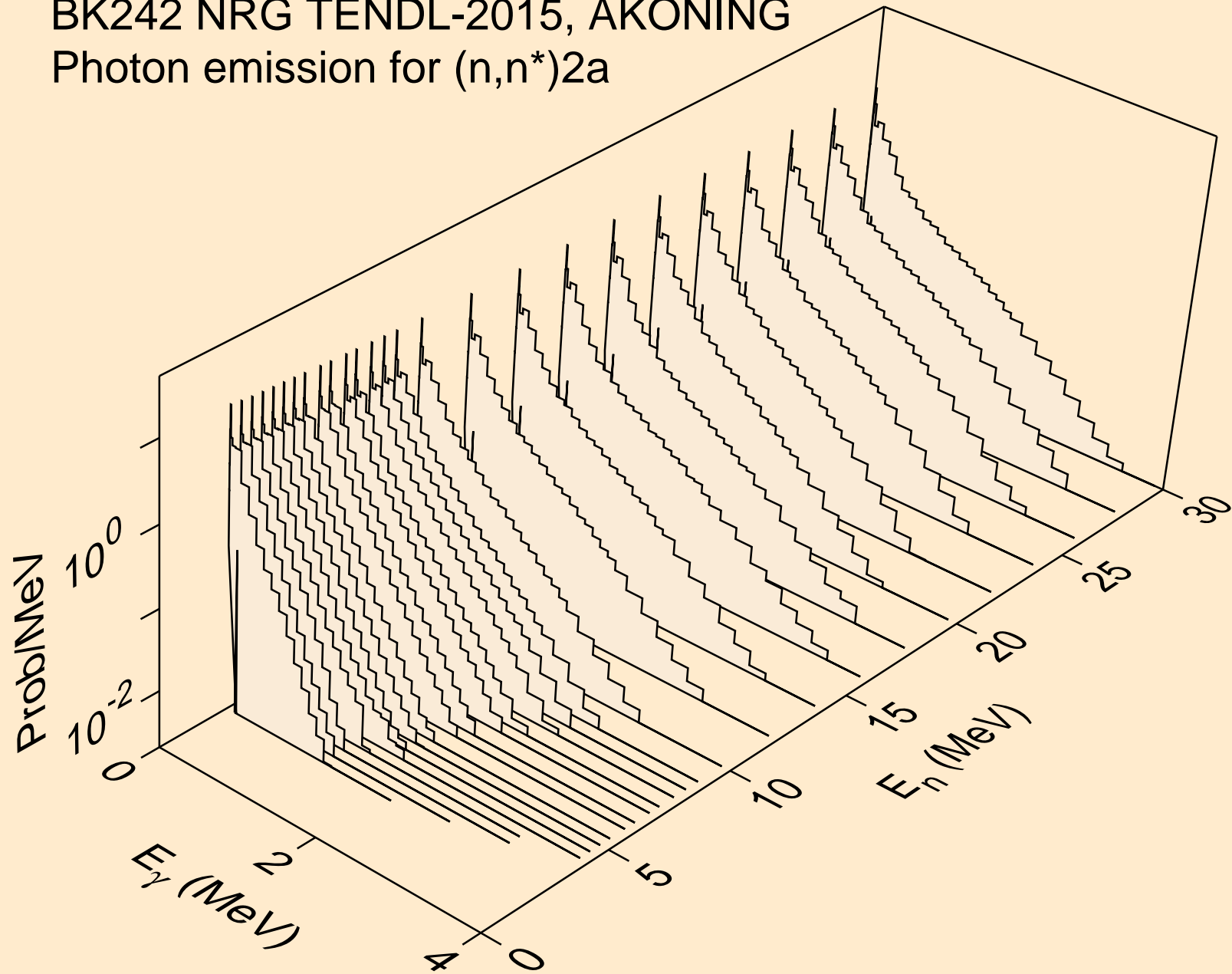
BK242 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



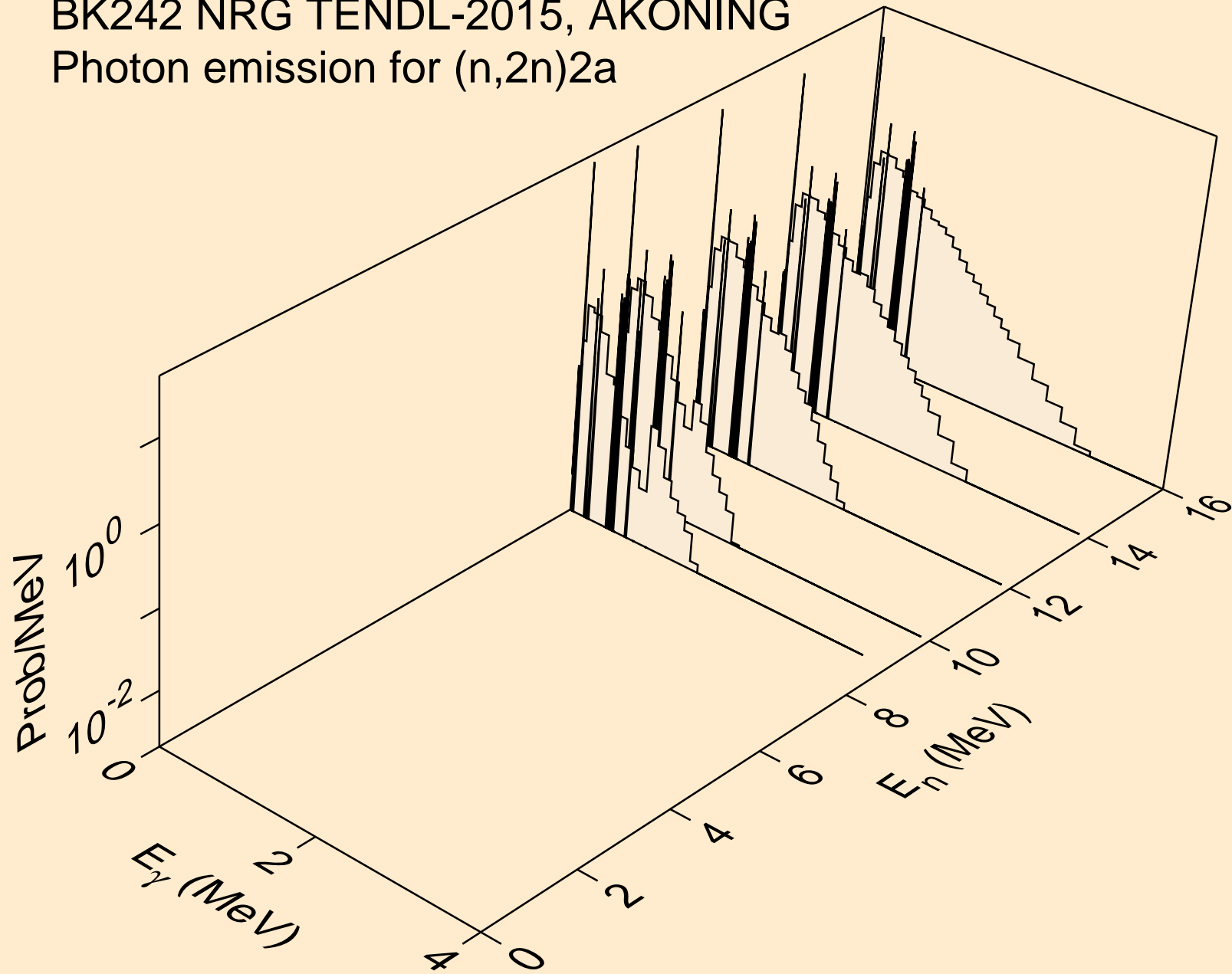
BK242 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



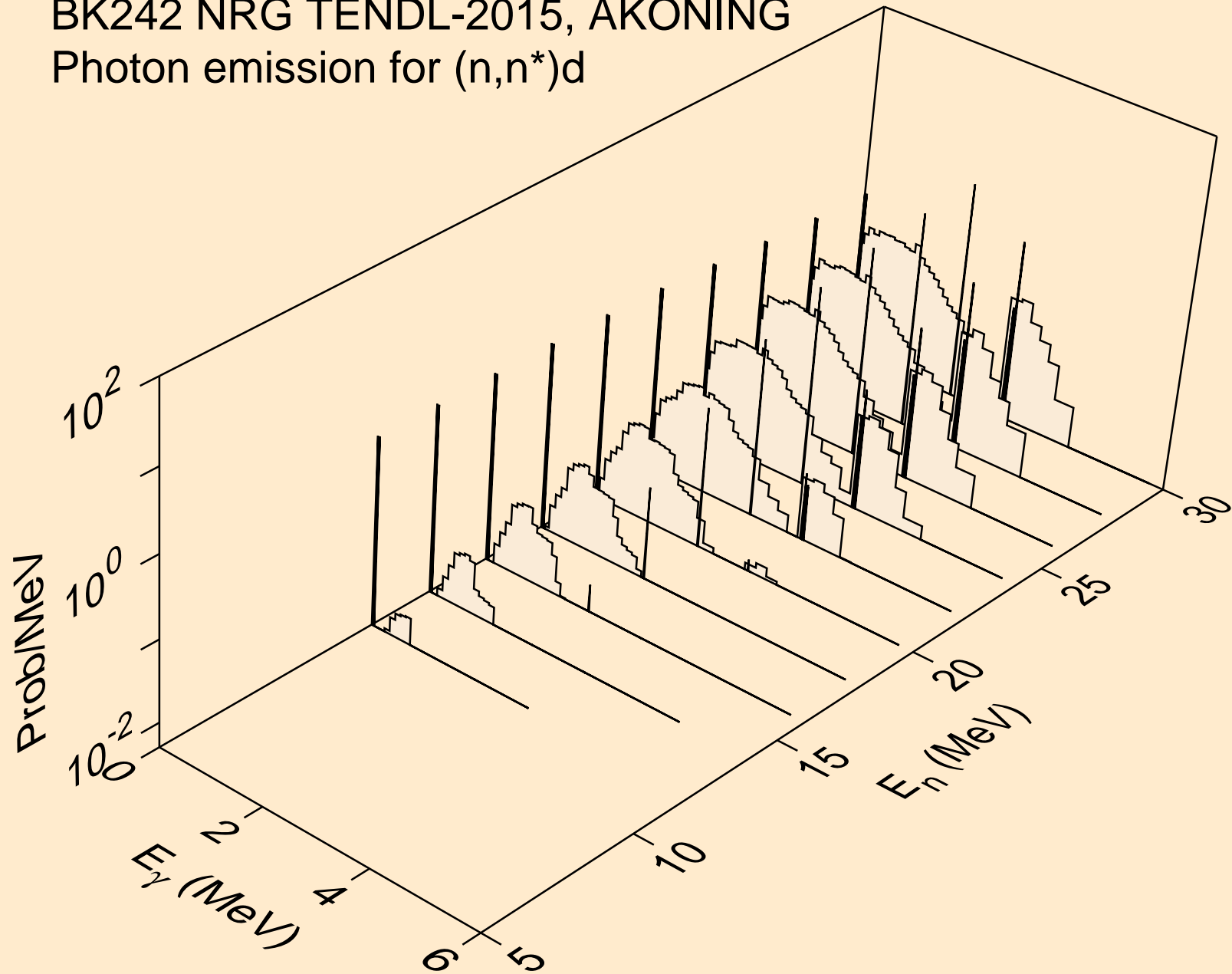
BK242 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



BK242 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a

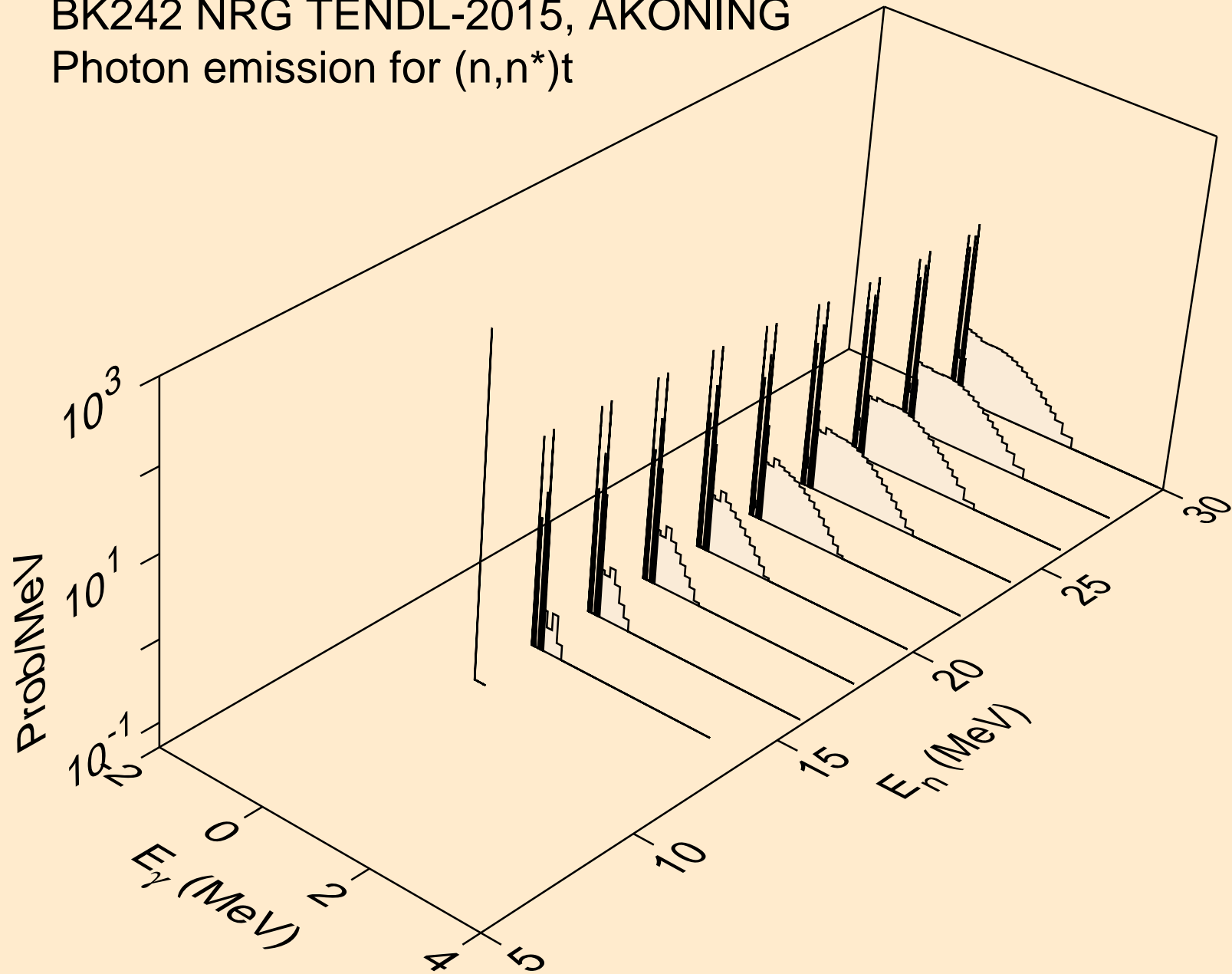


BK242 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

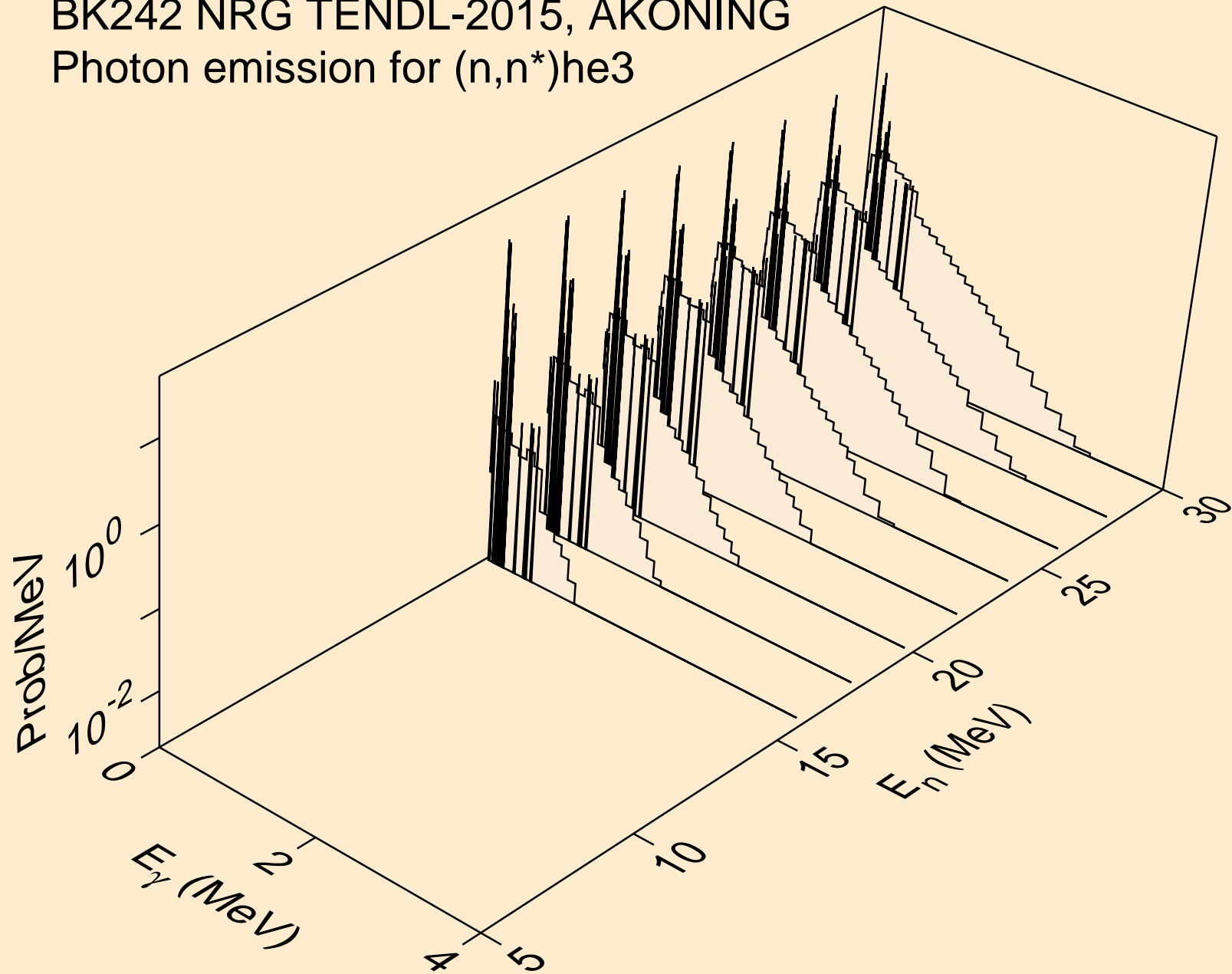




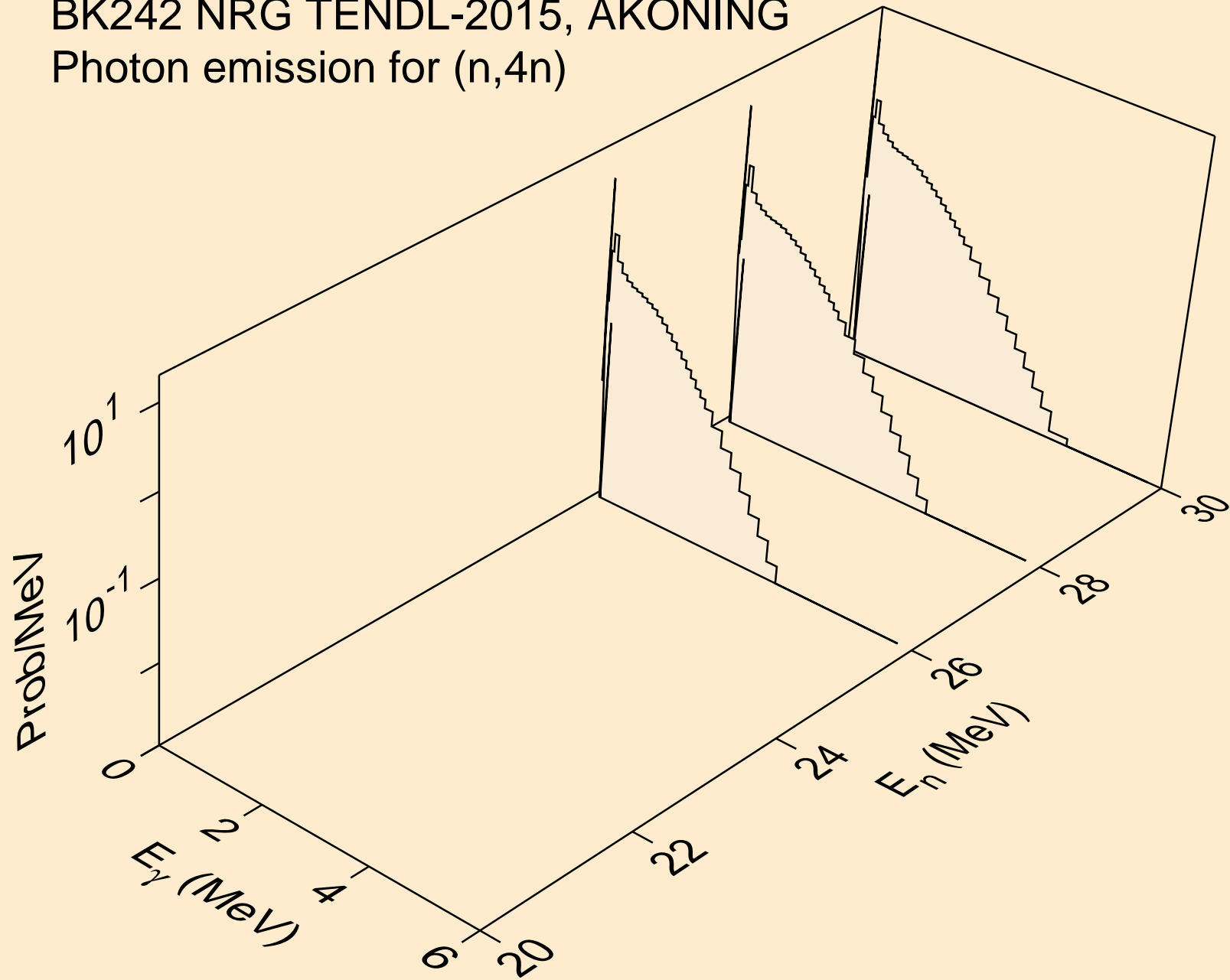
BK242 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



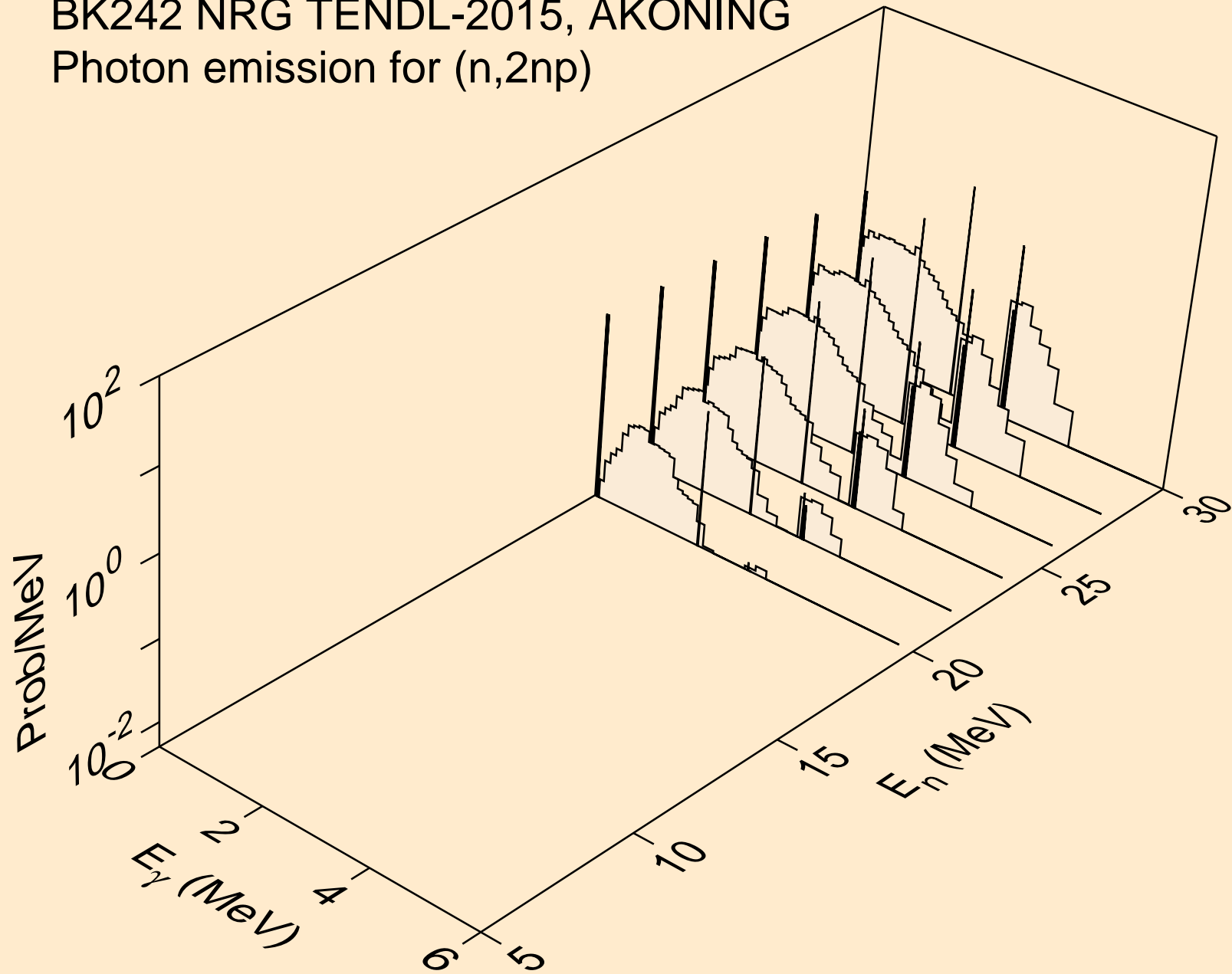
BK242 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



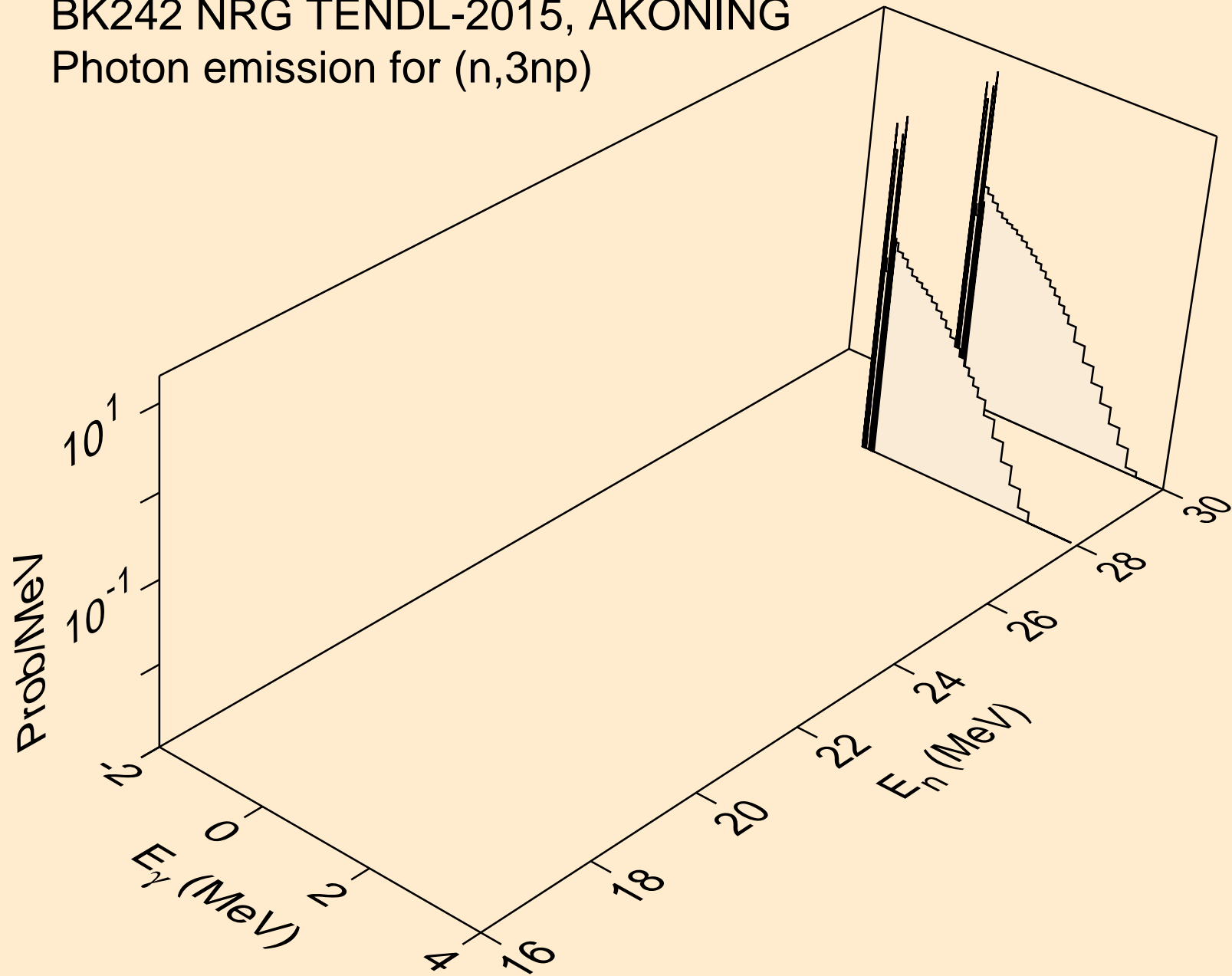
BK242 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



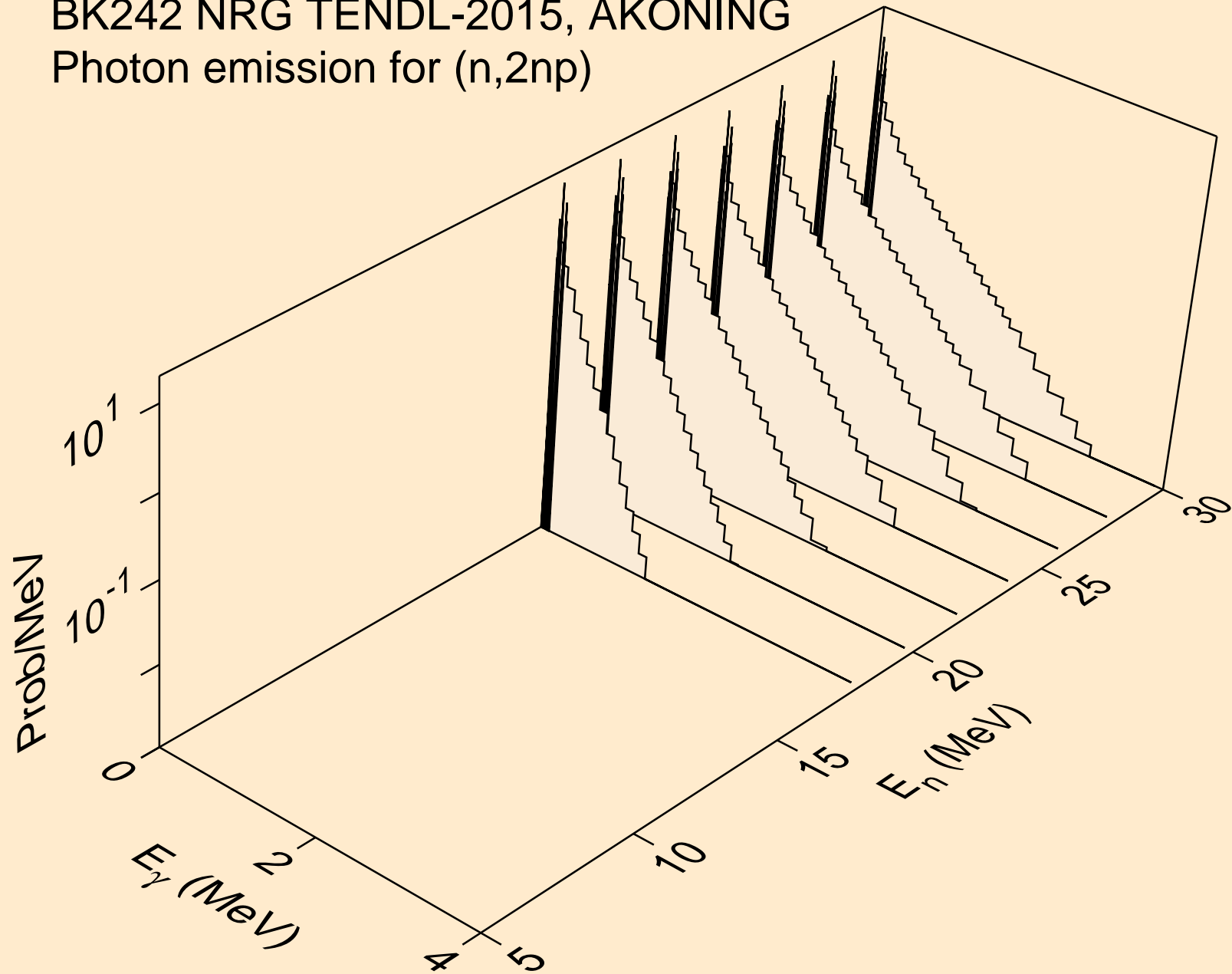
BK242 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



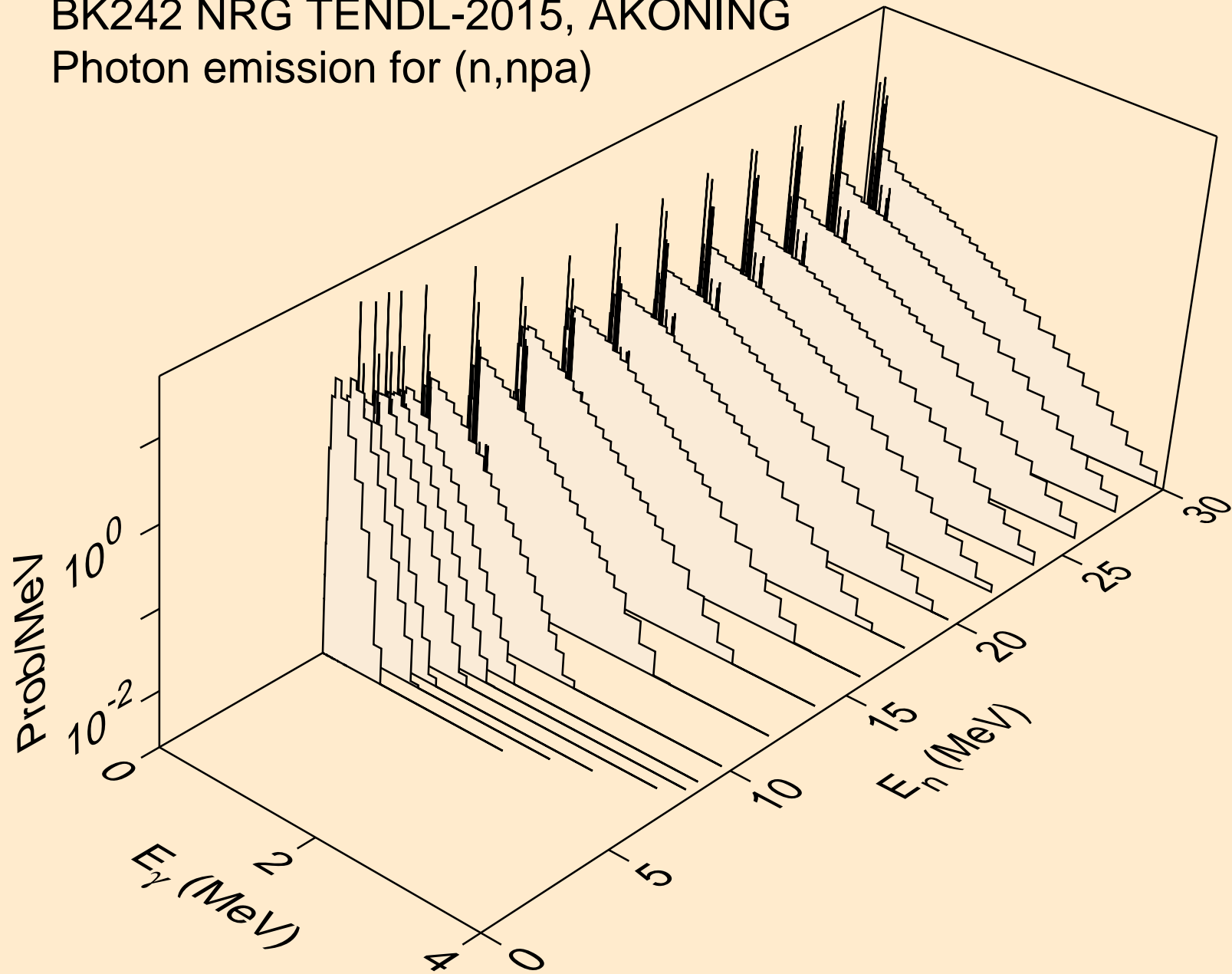
BK242 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



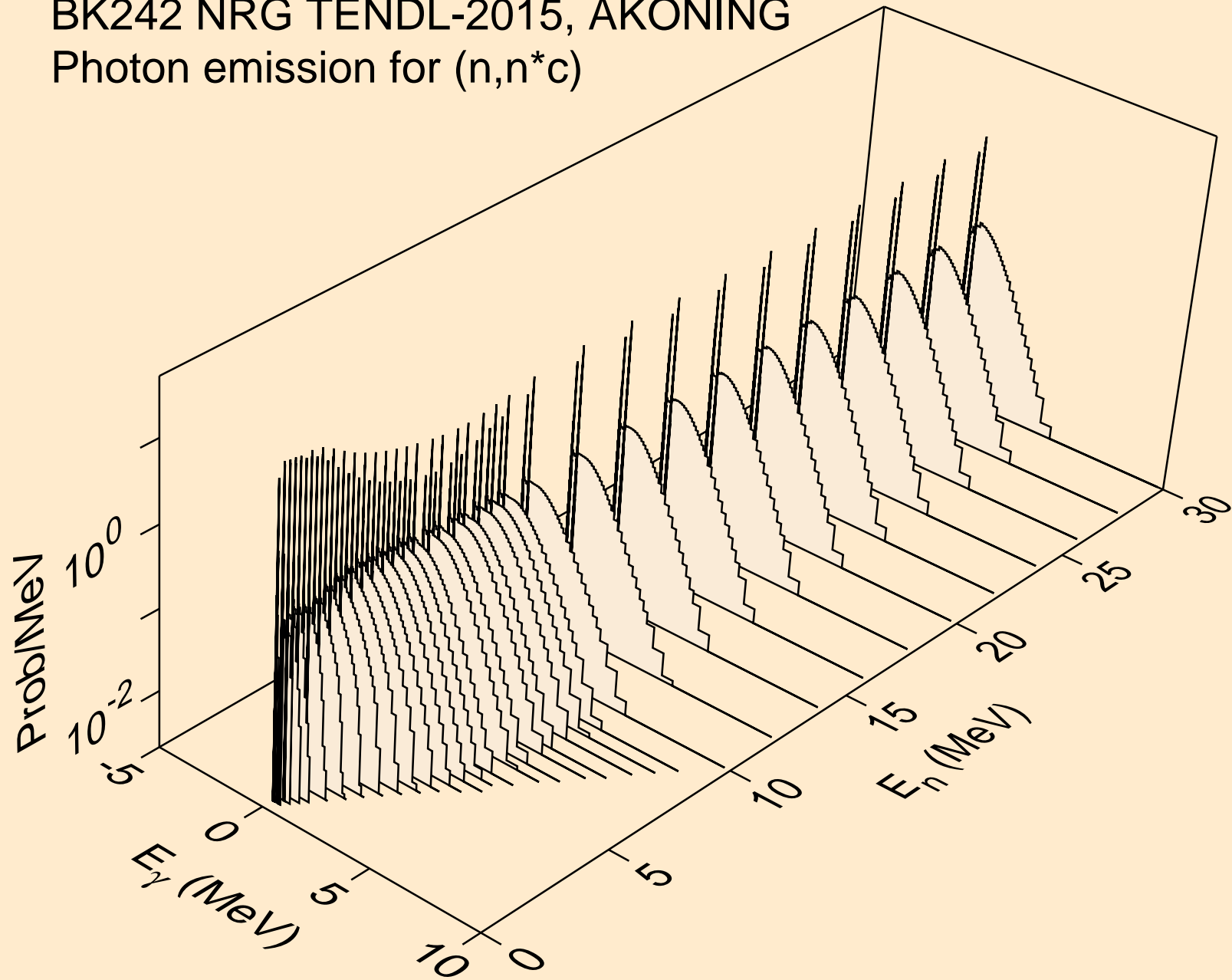
BK242 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



BK242 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

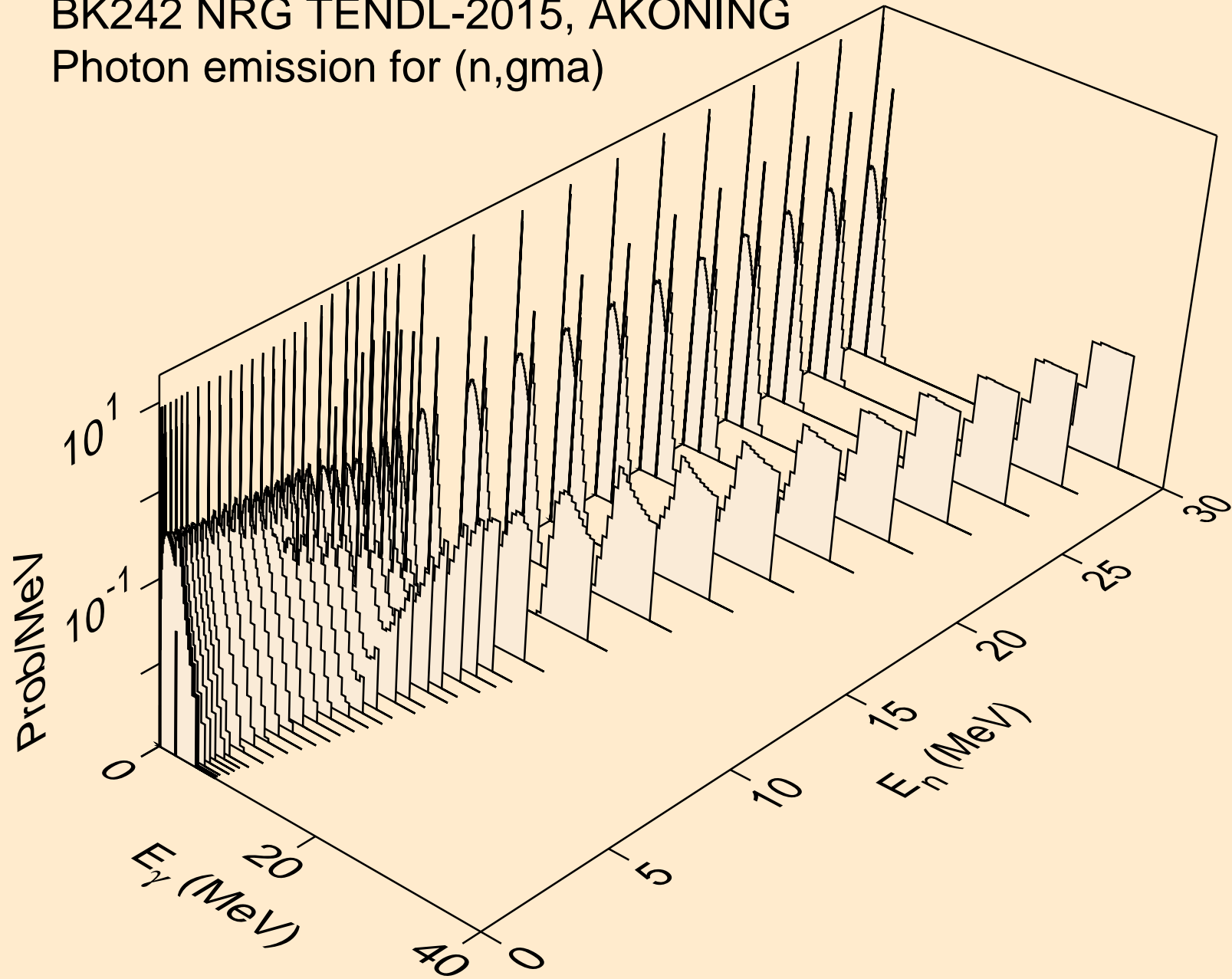


BK242 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

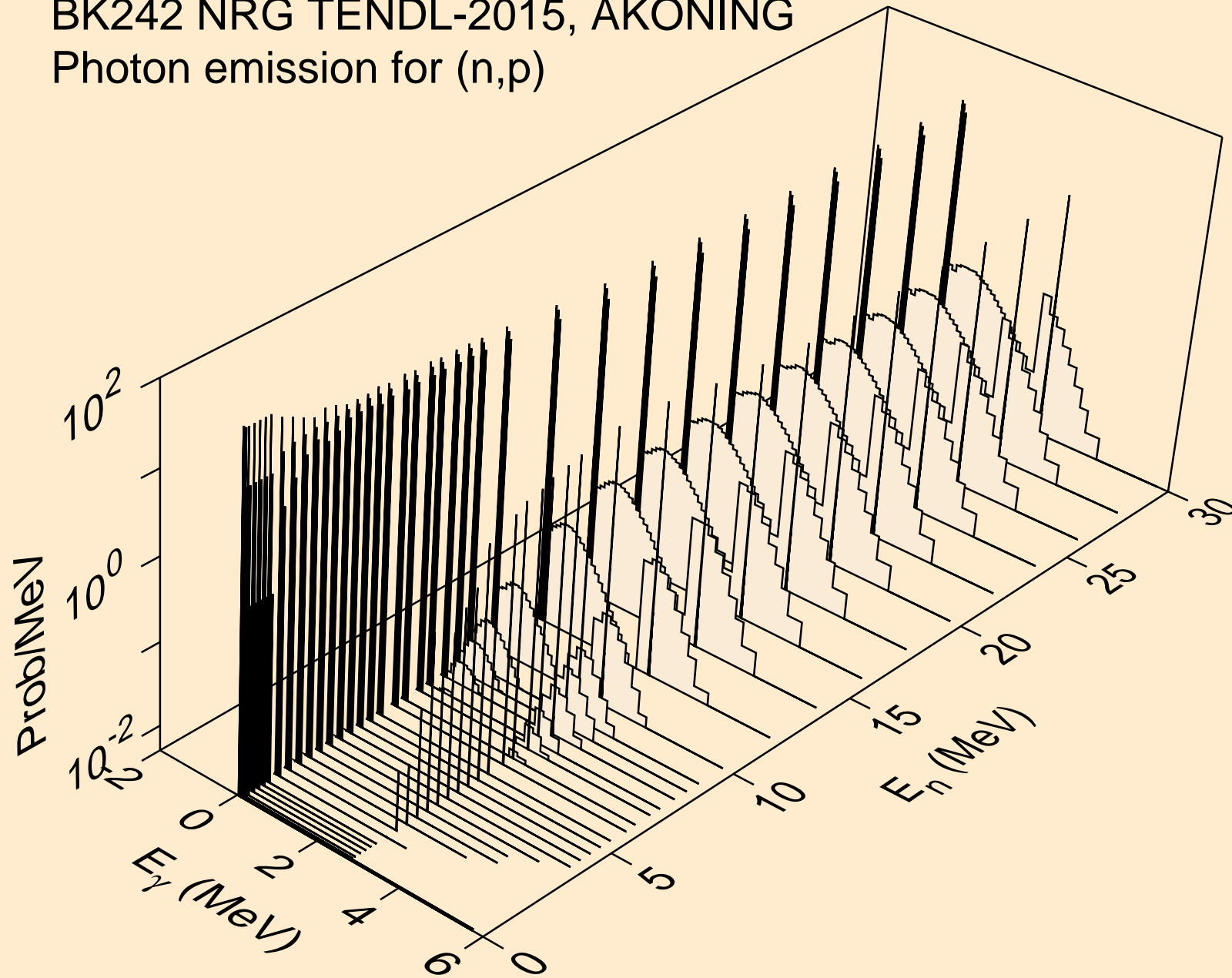




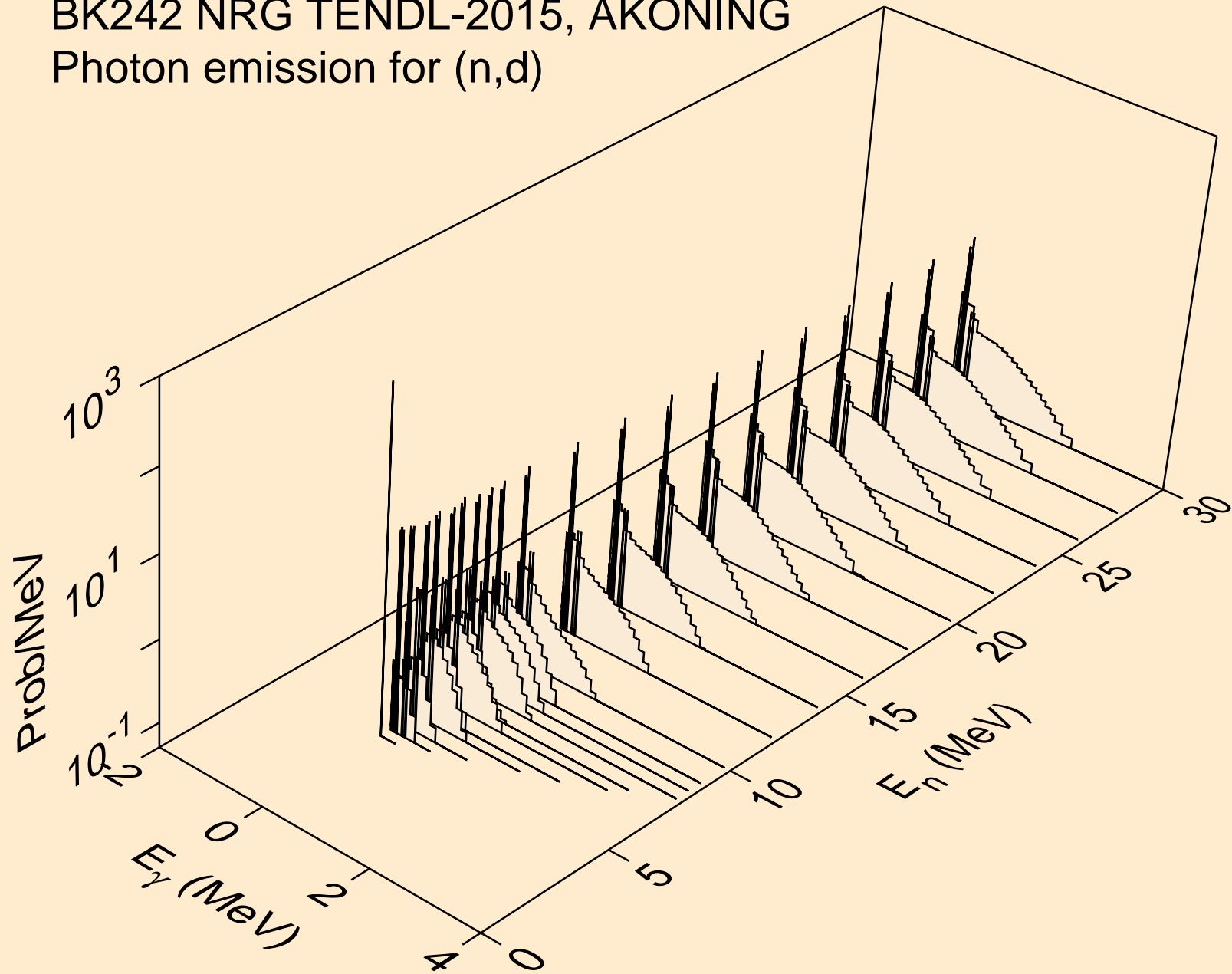
BK242 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



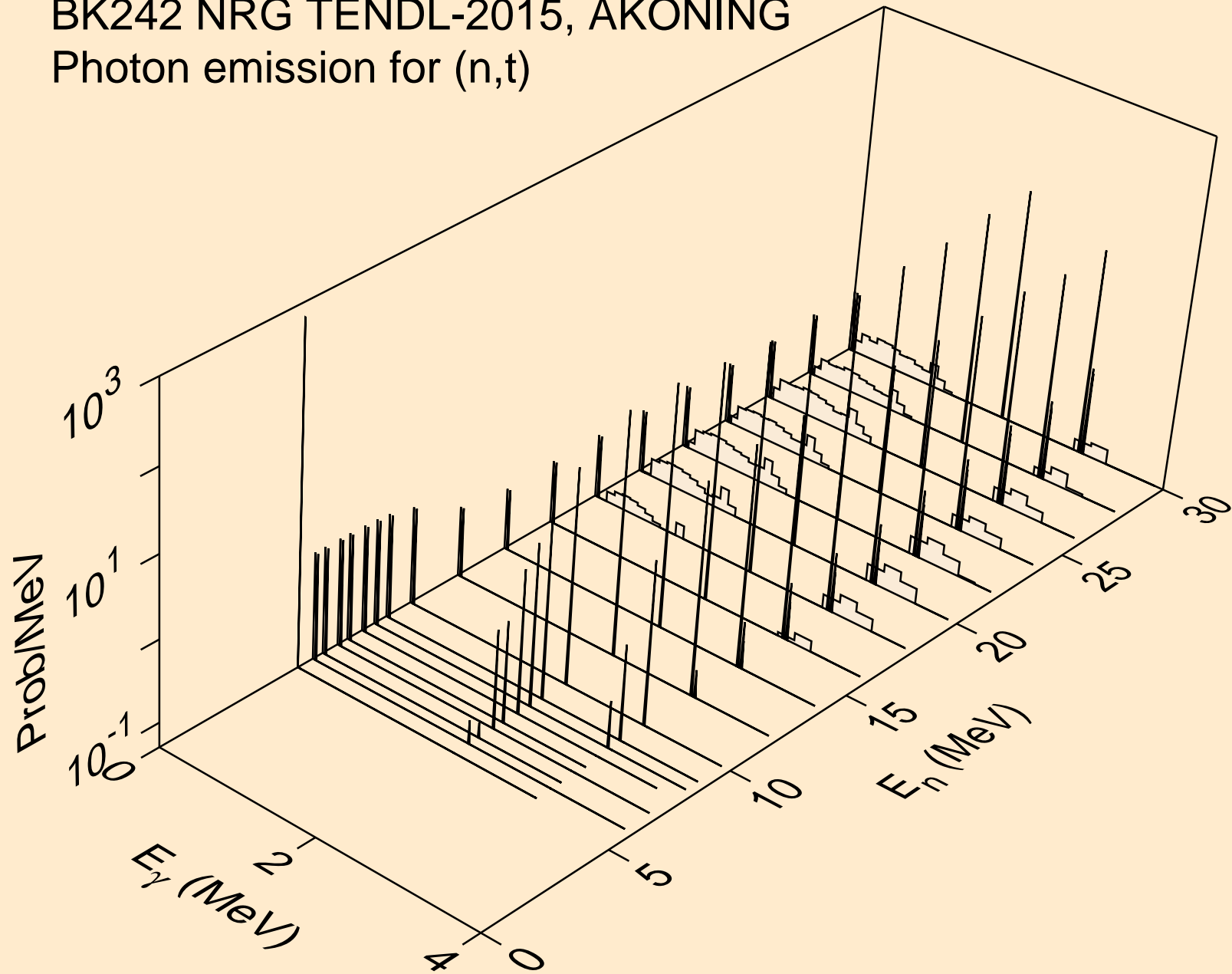
BK242 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



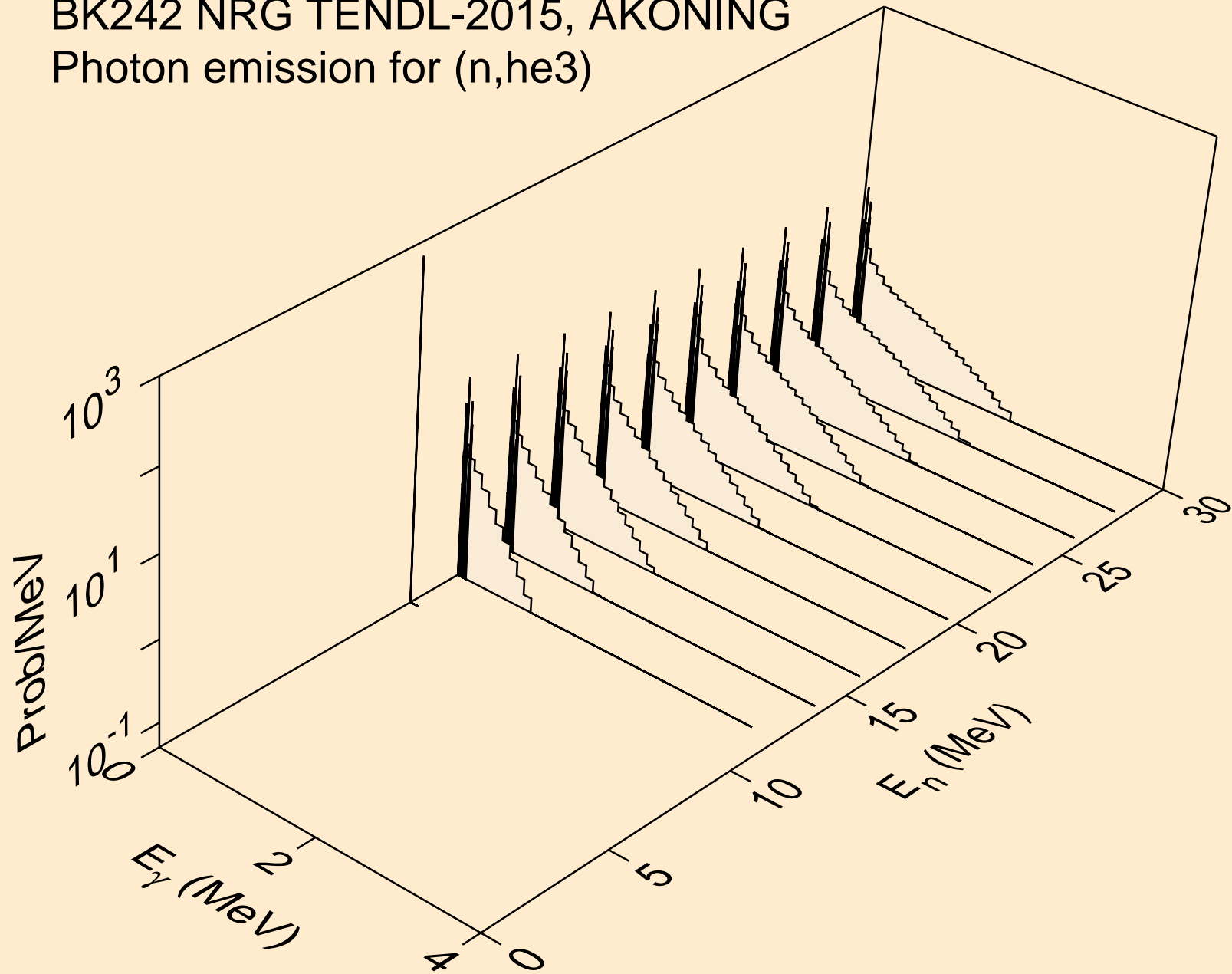
BK242 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



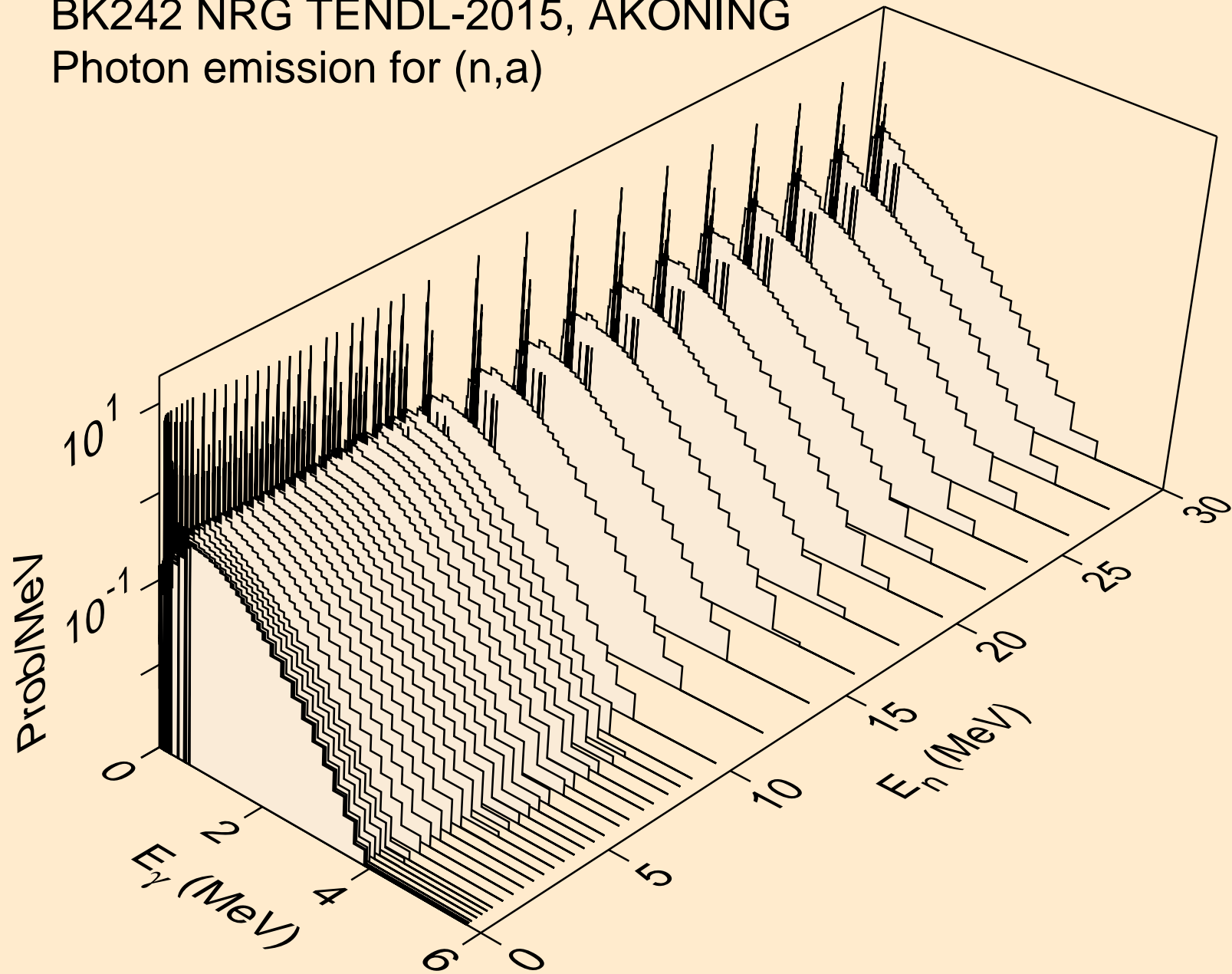
BK242 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



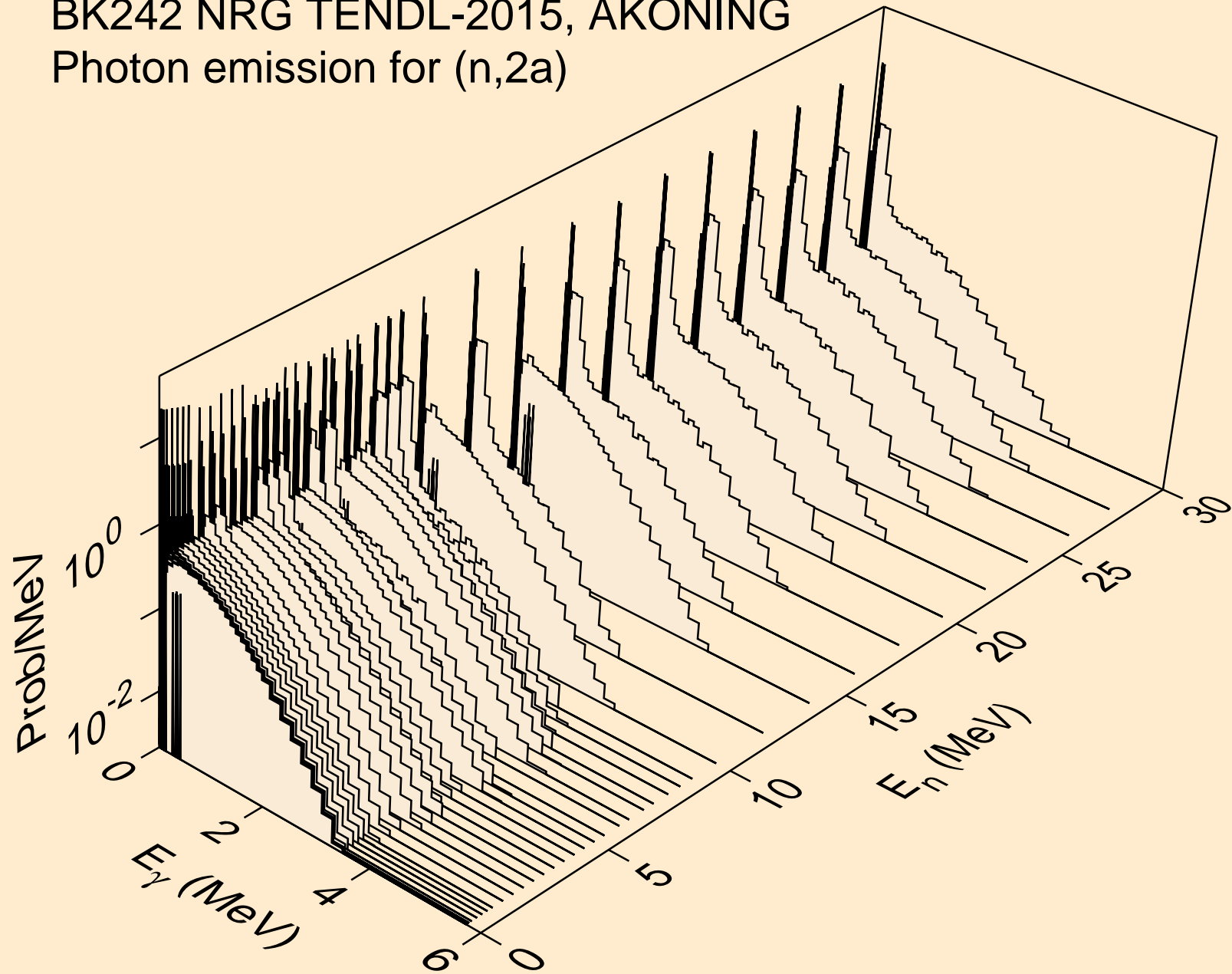
BK242 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



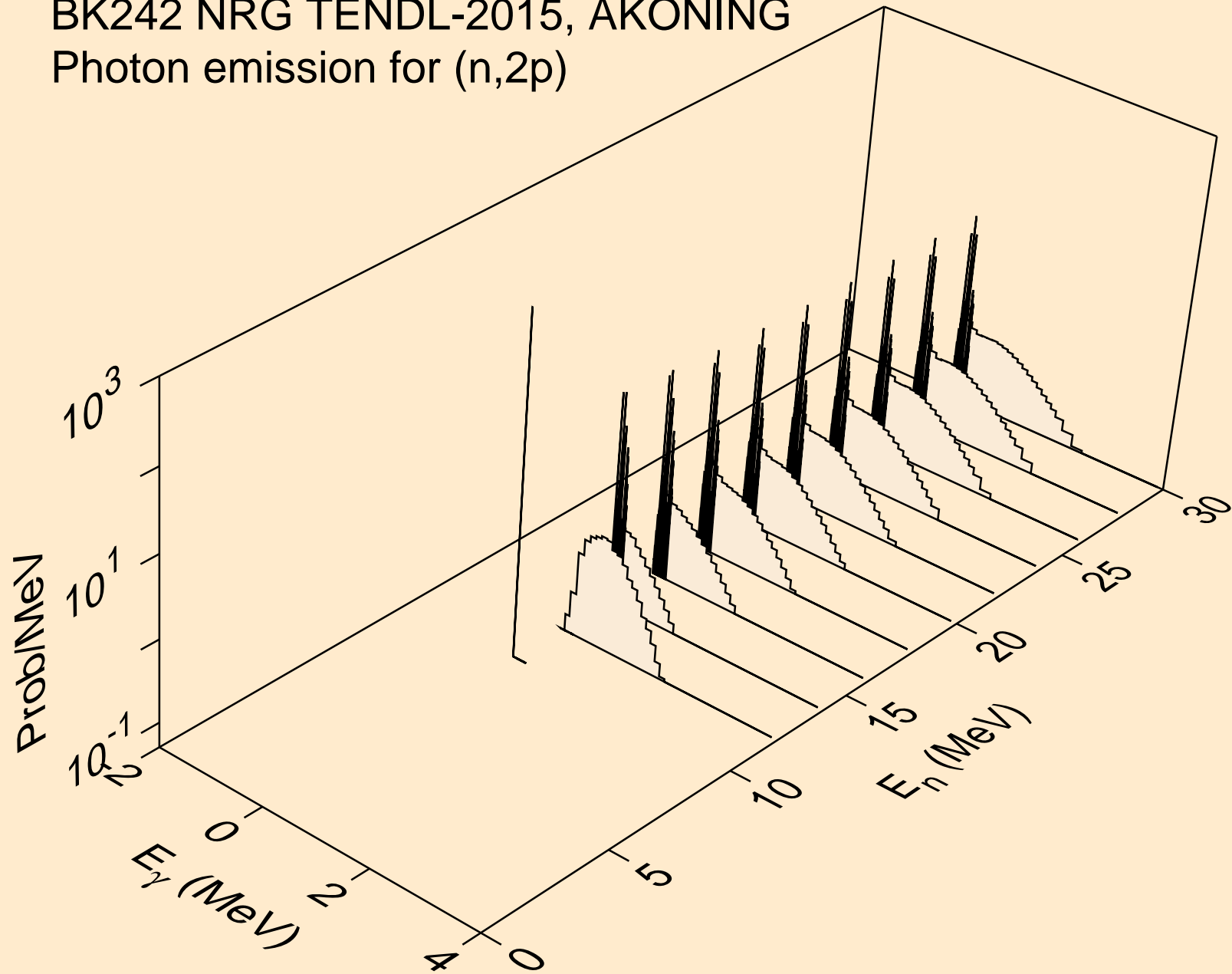
BK242 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



BK242 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

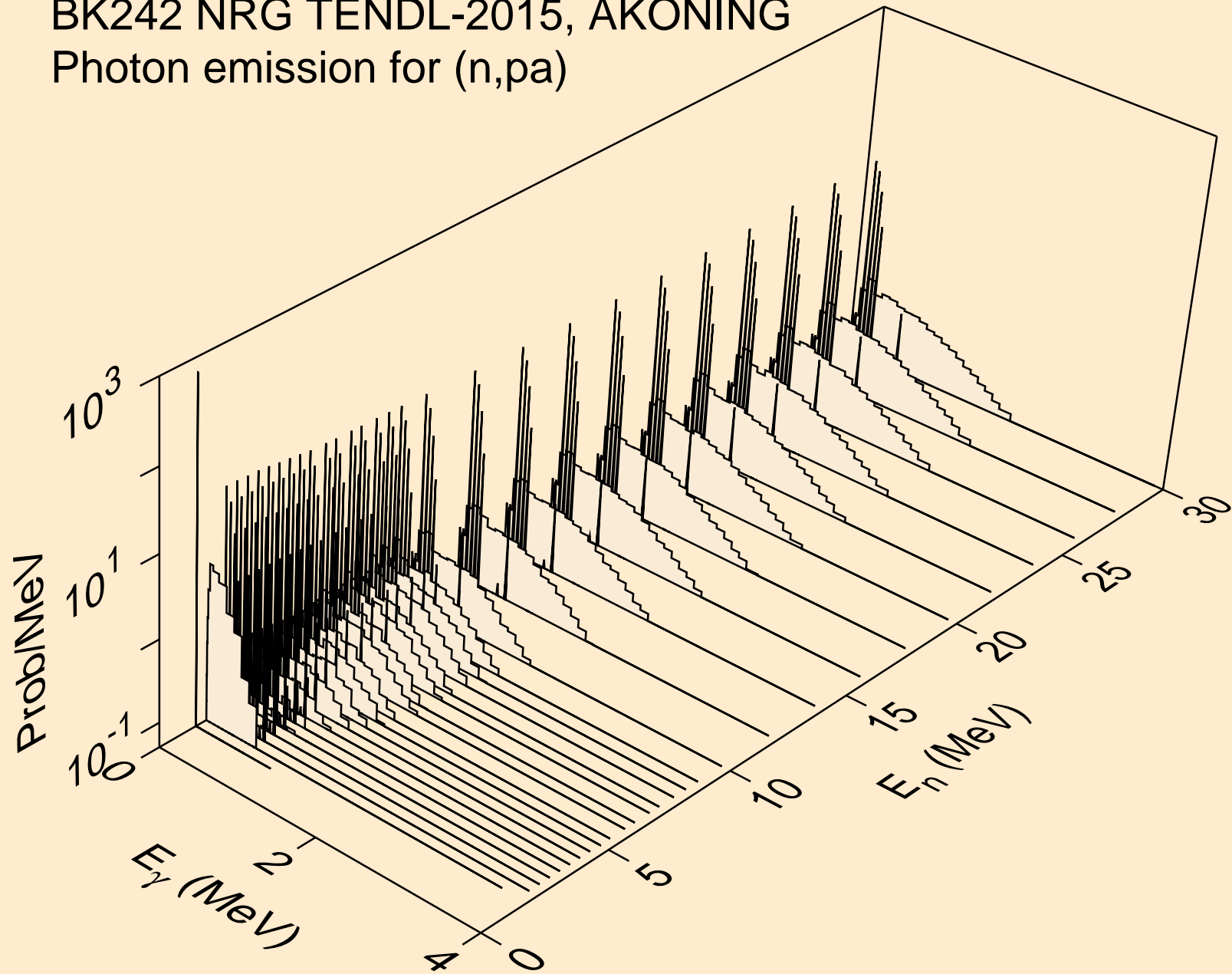


BK242 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

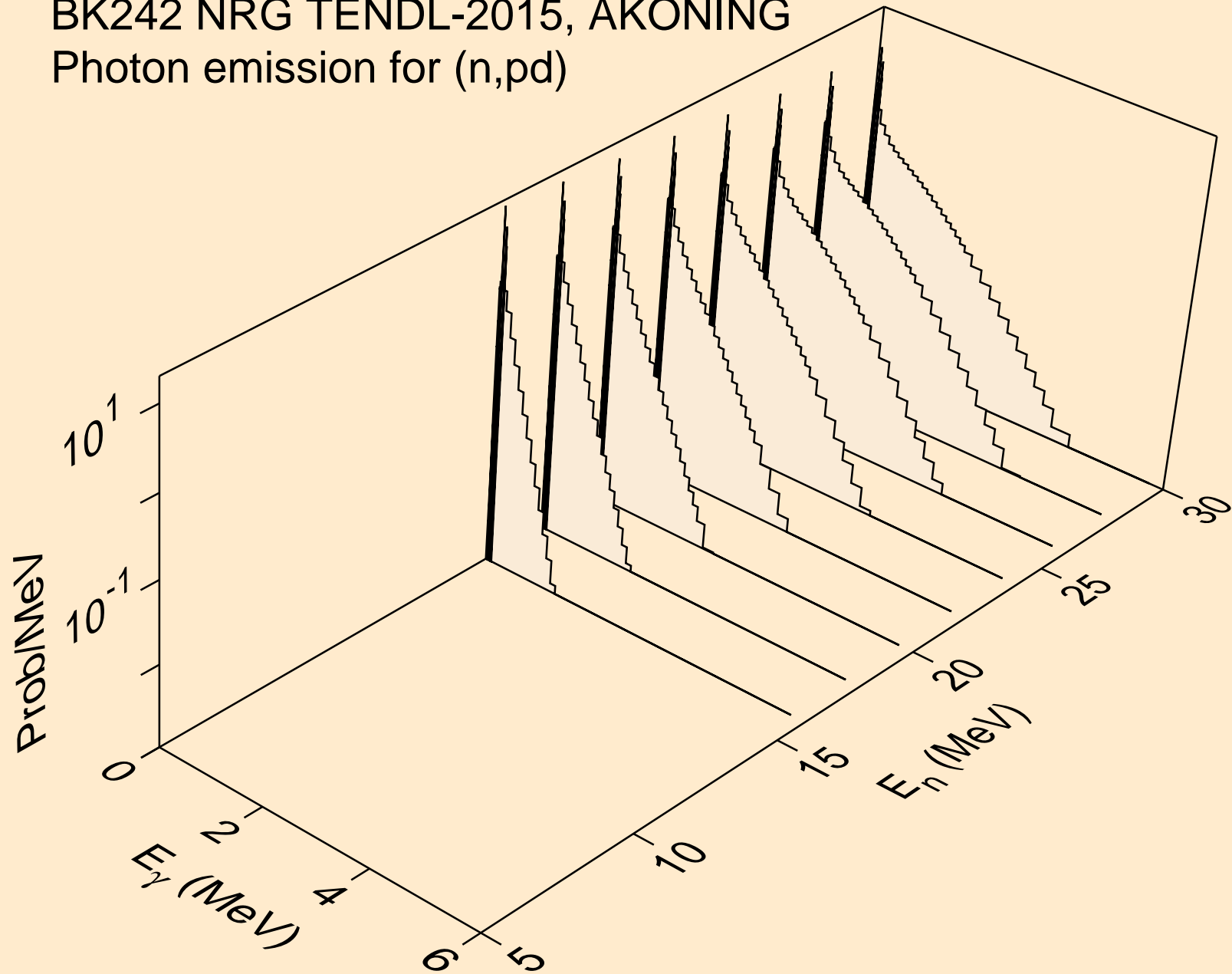




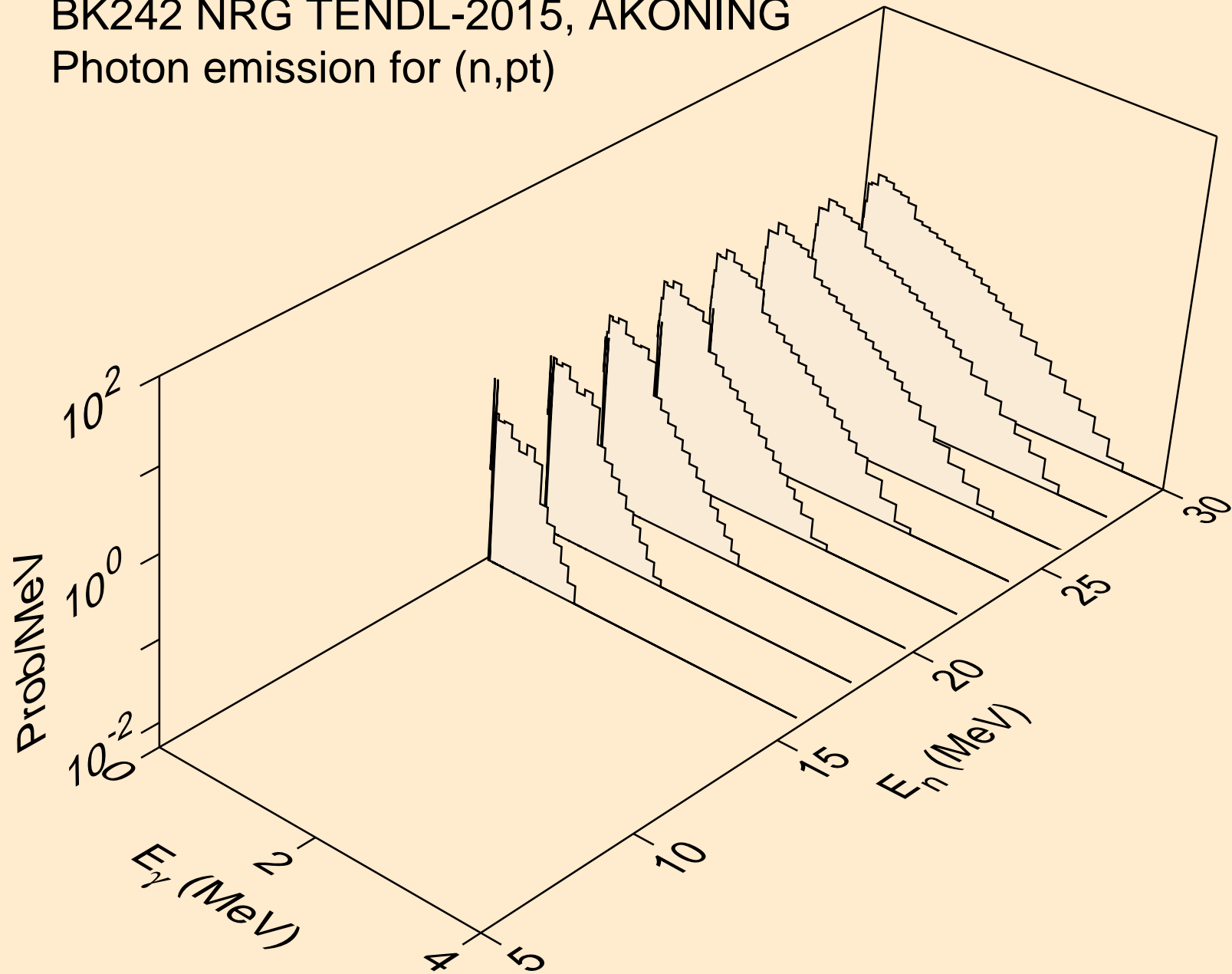
BK242 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



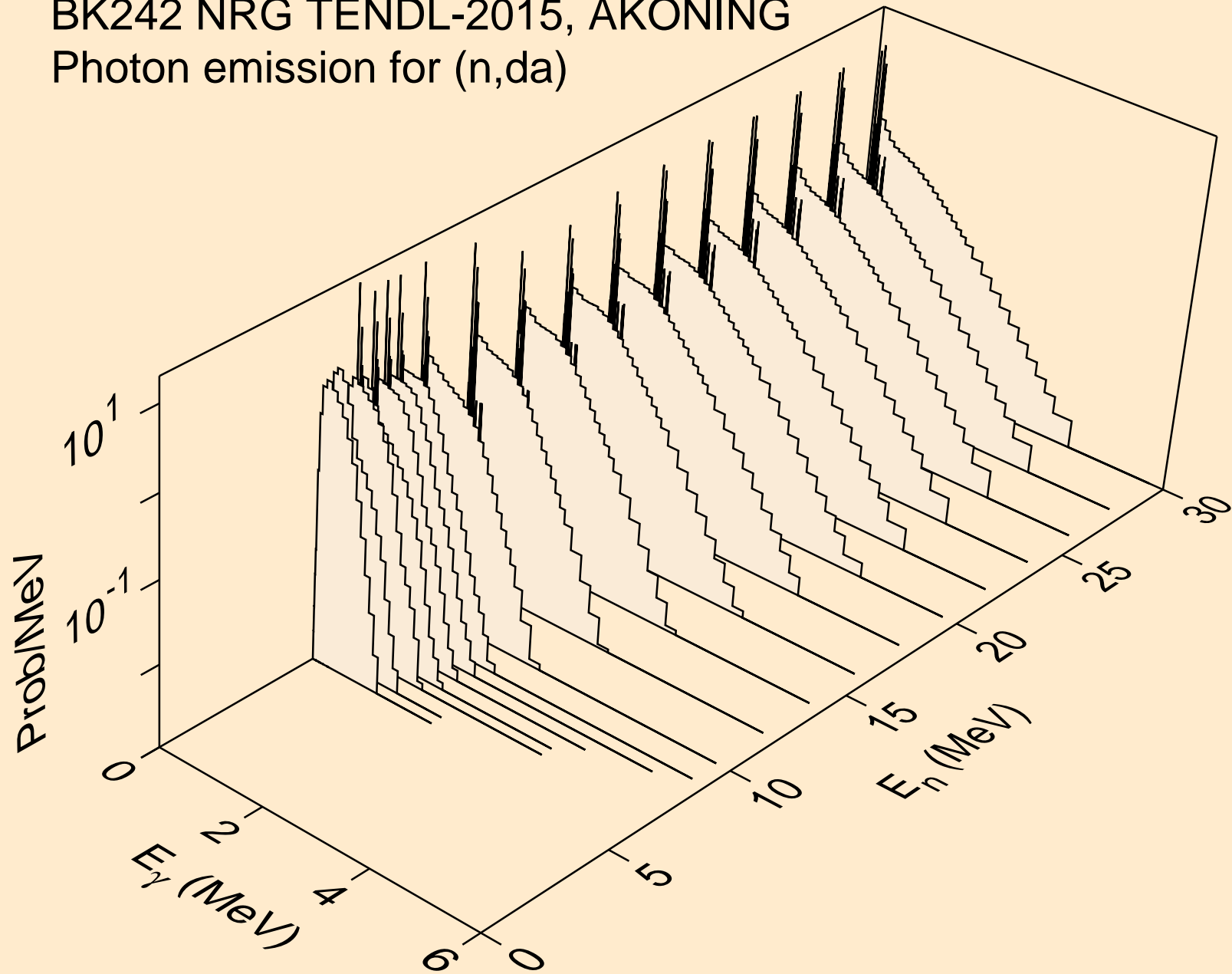
BK242 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



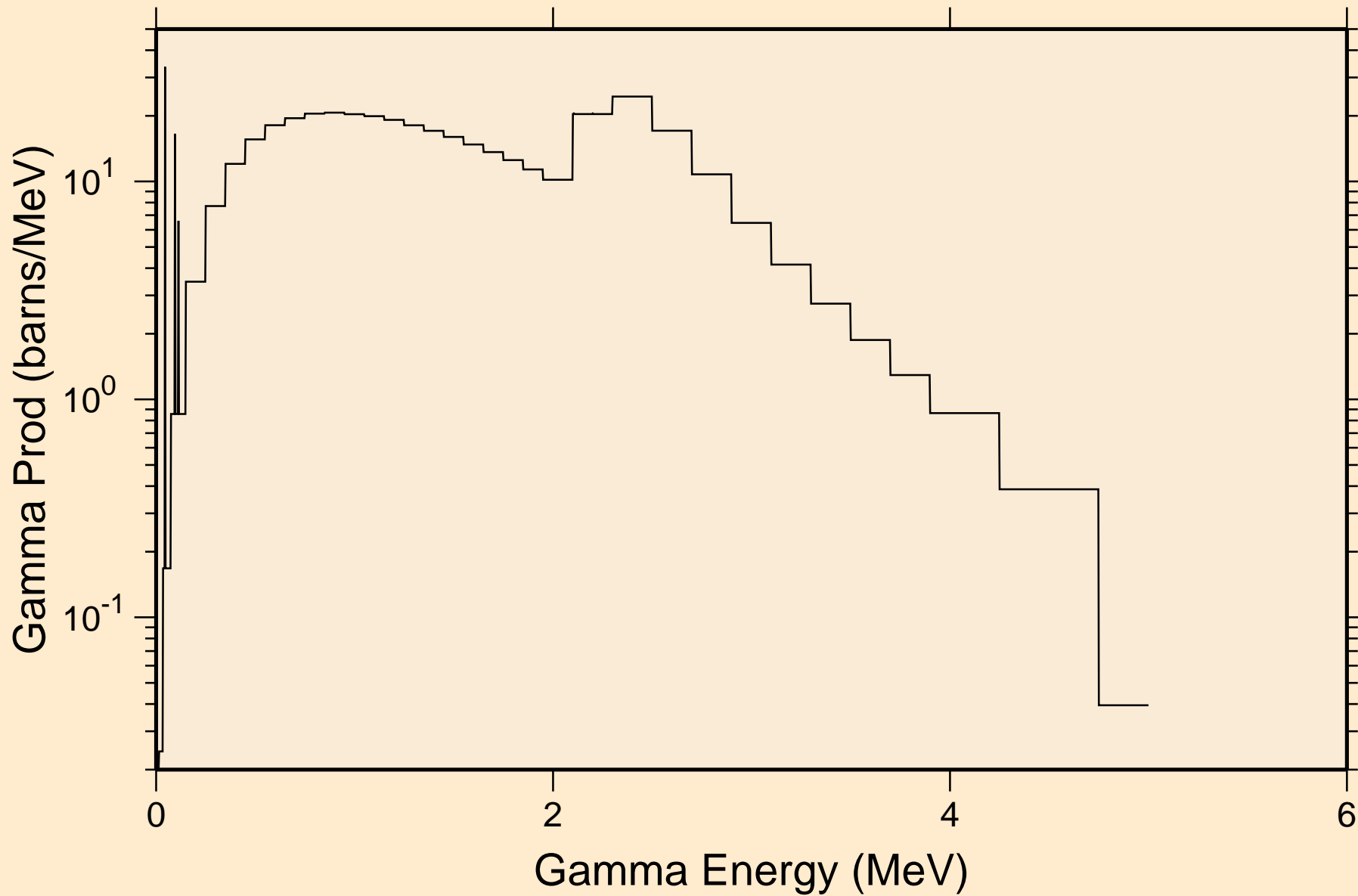
BK242 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



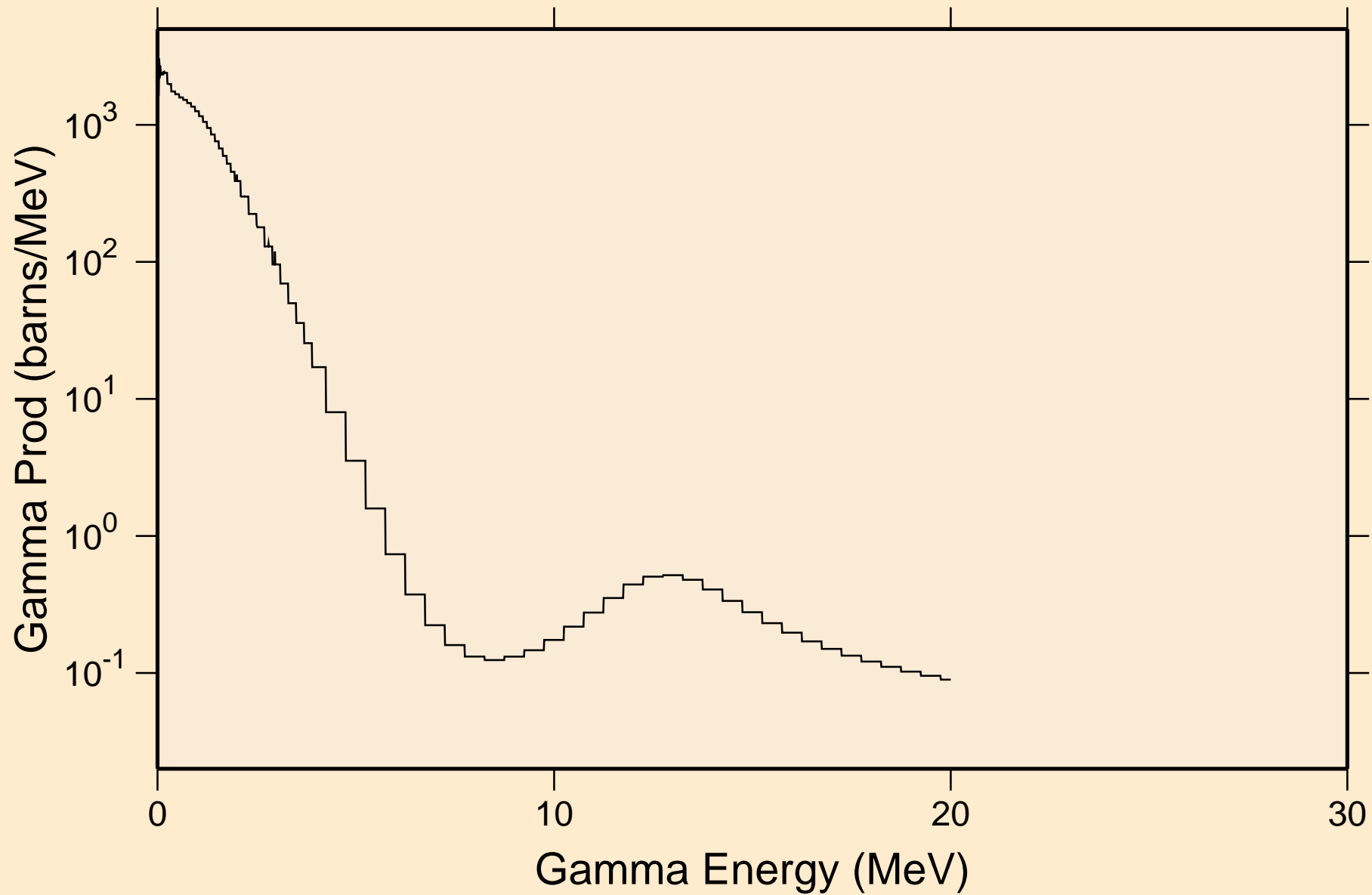
BK242 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



BK242 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

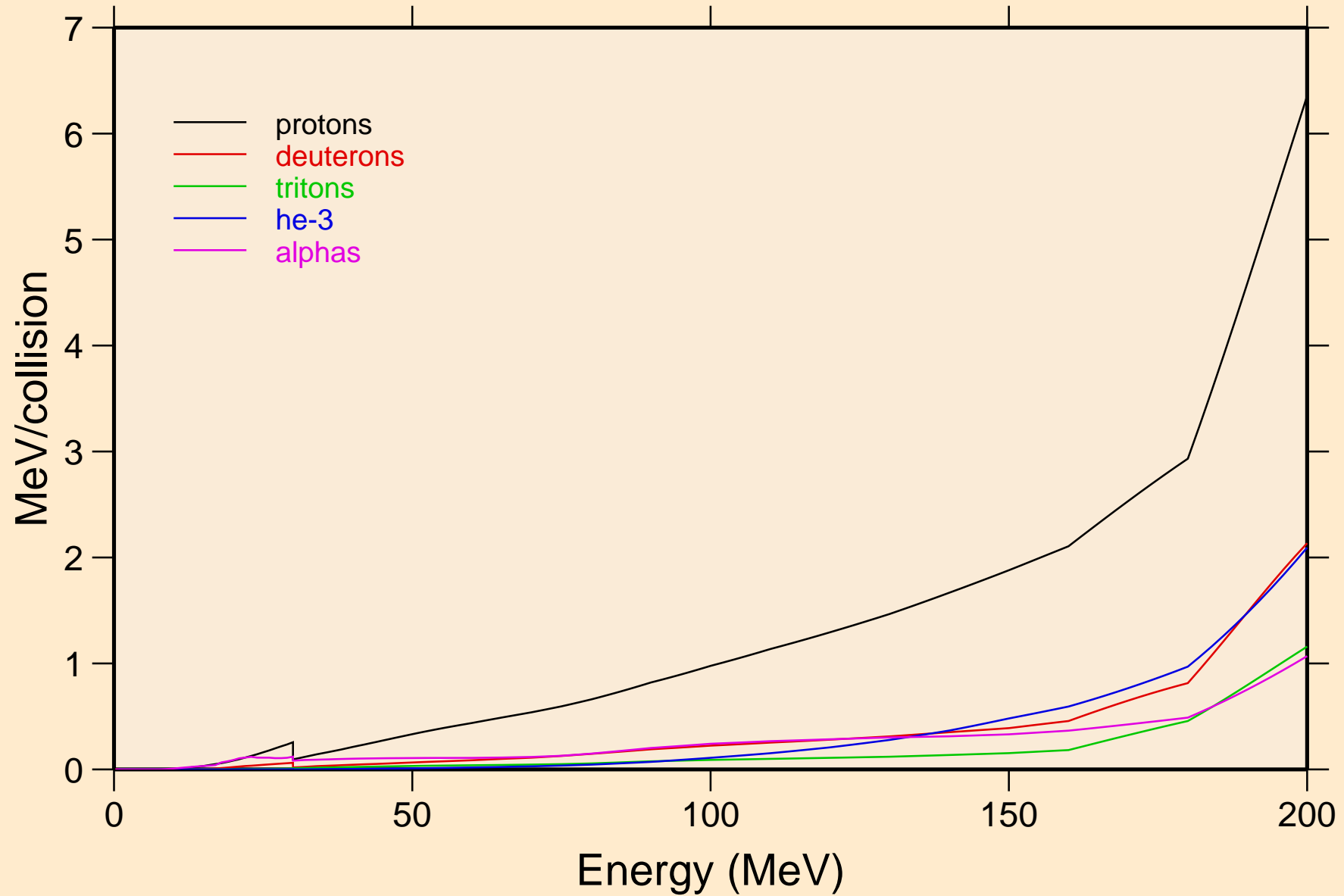


BK242 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



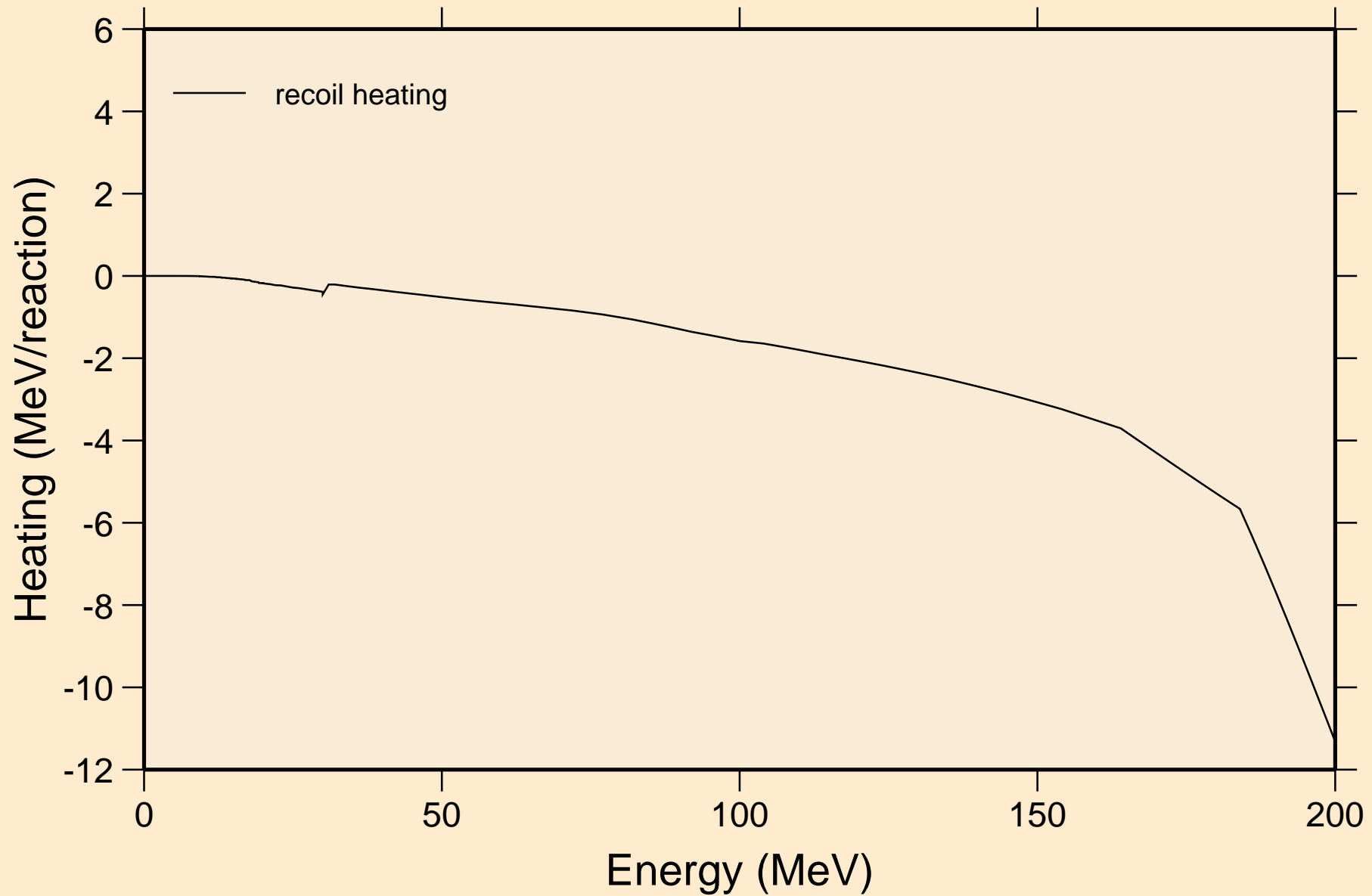
# BK242 NRG TENDL-2015, AKONING

## Particle heating contributions



# BK242 NRG TENDL-2015, AKONING

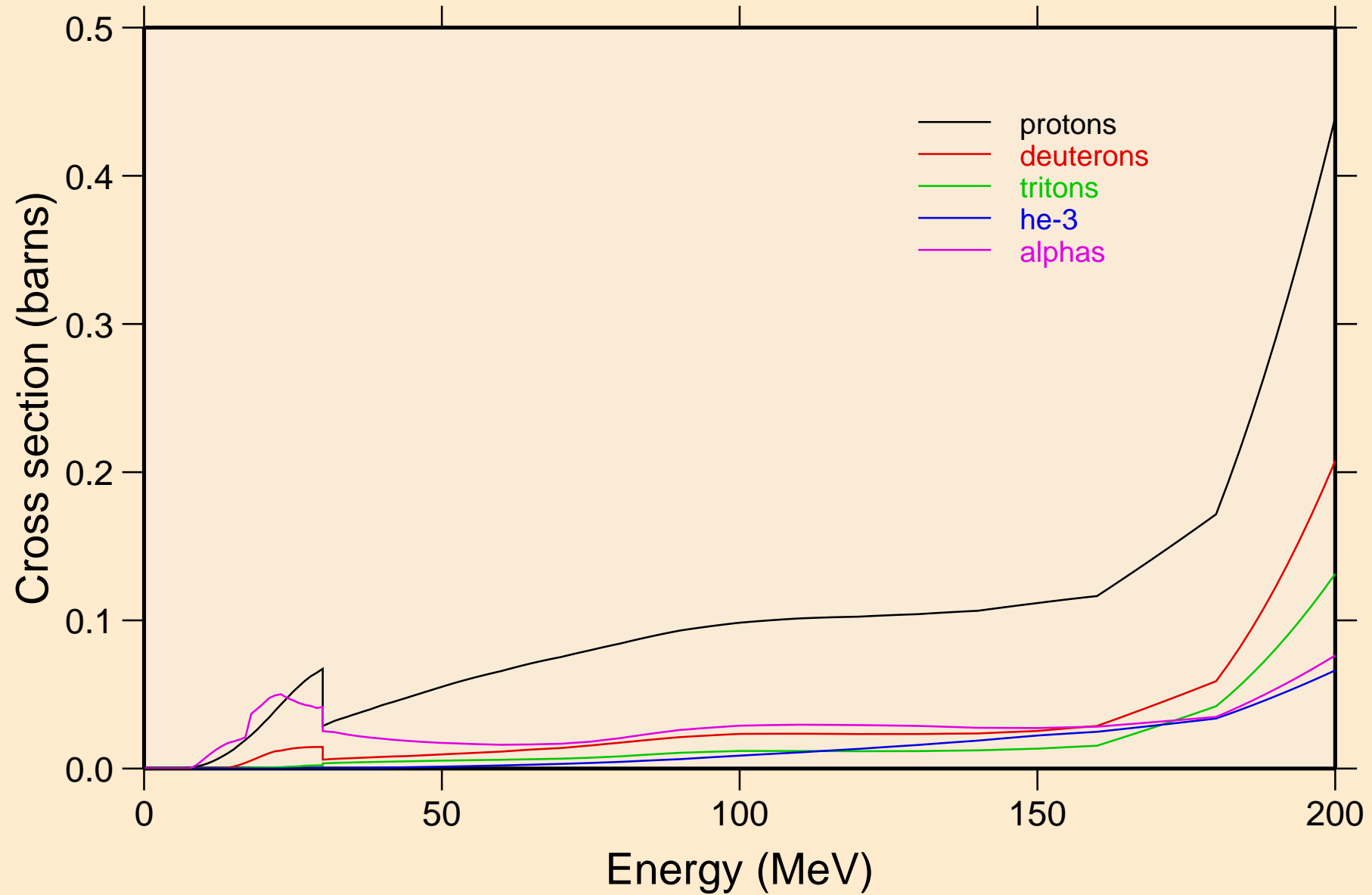
## Recoil Heating



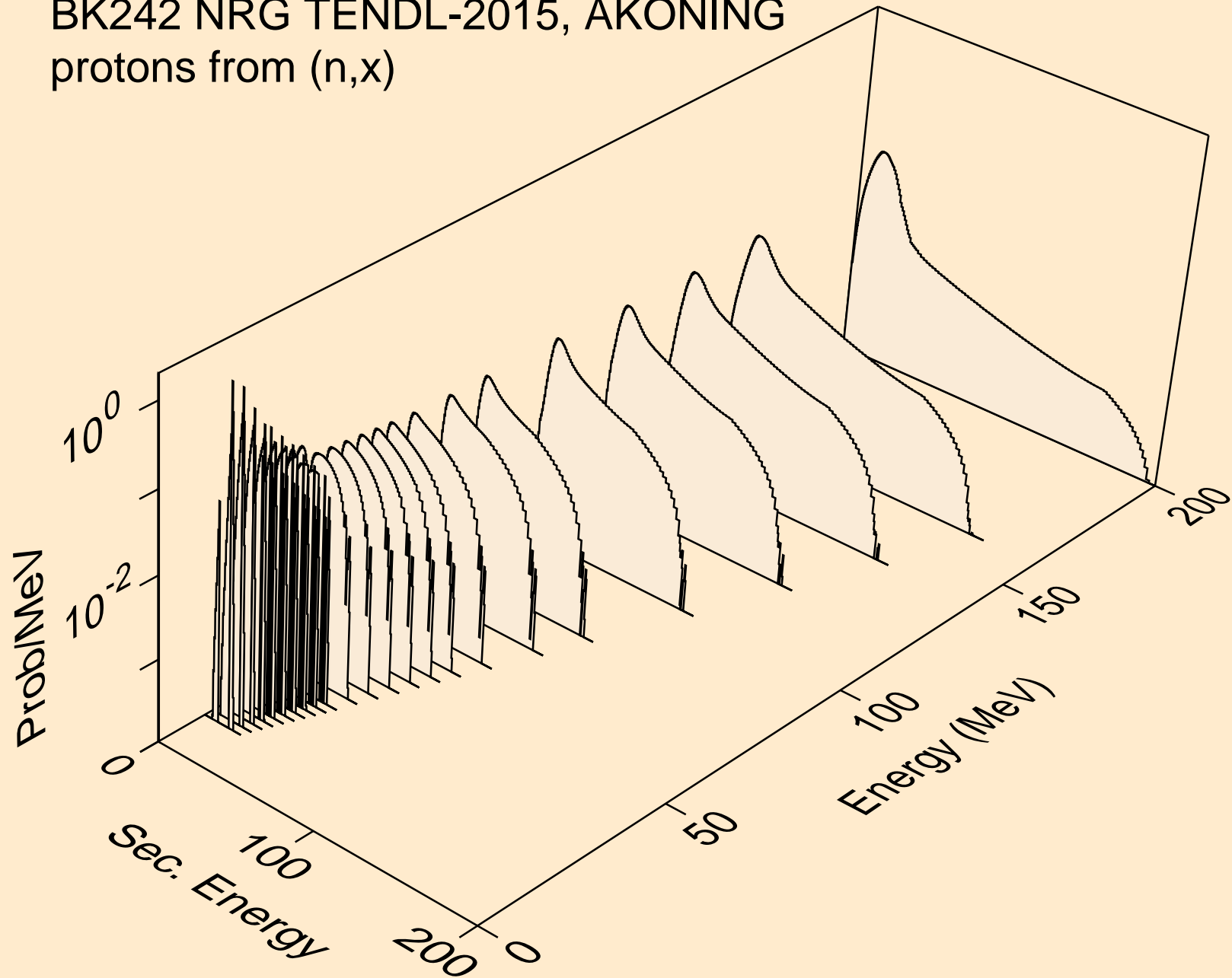


# BK242 NRG TENDL-2015, AKONING

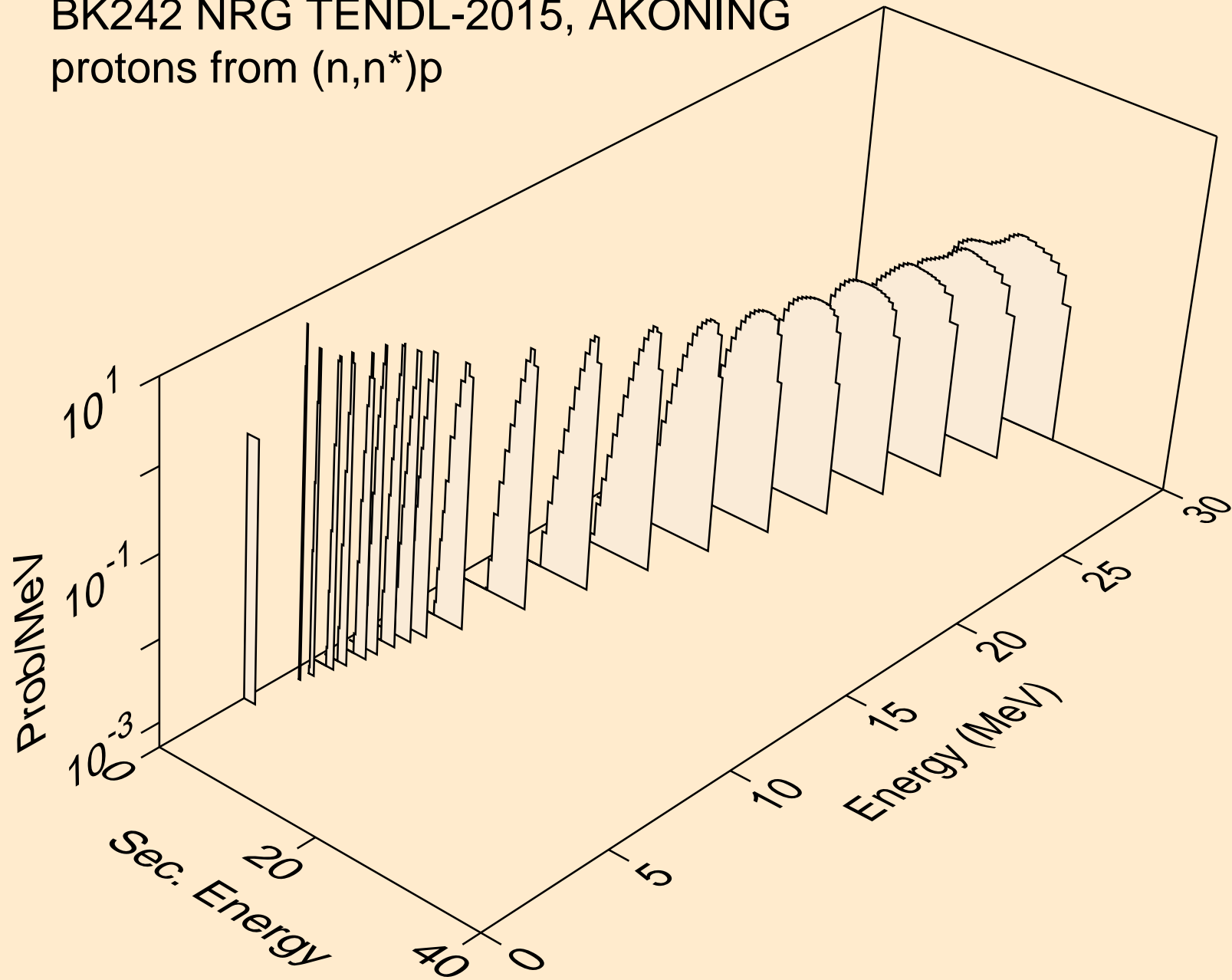
## Particle production cross sections



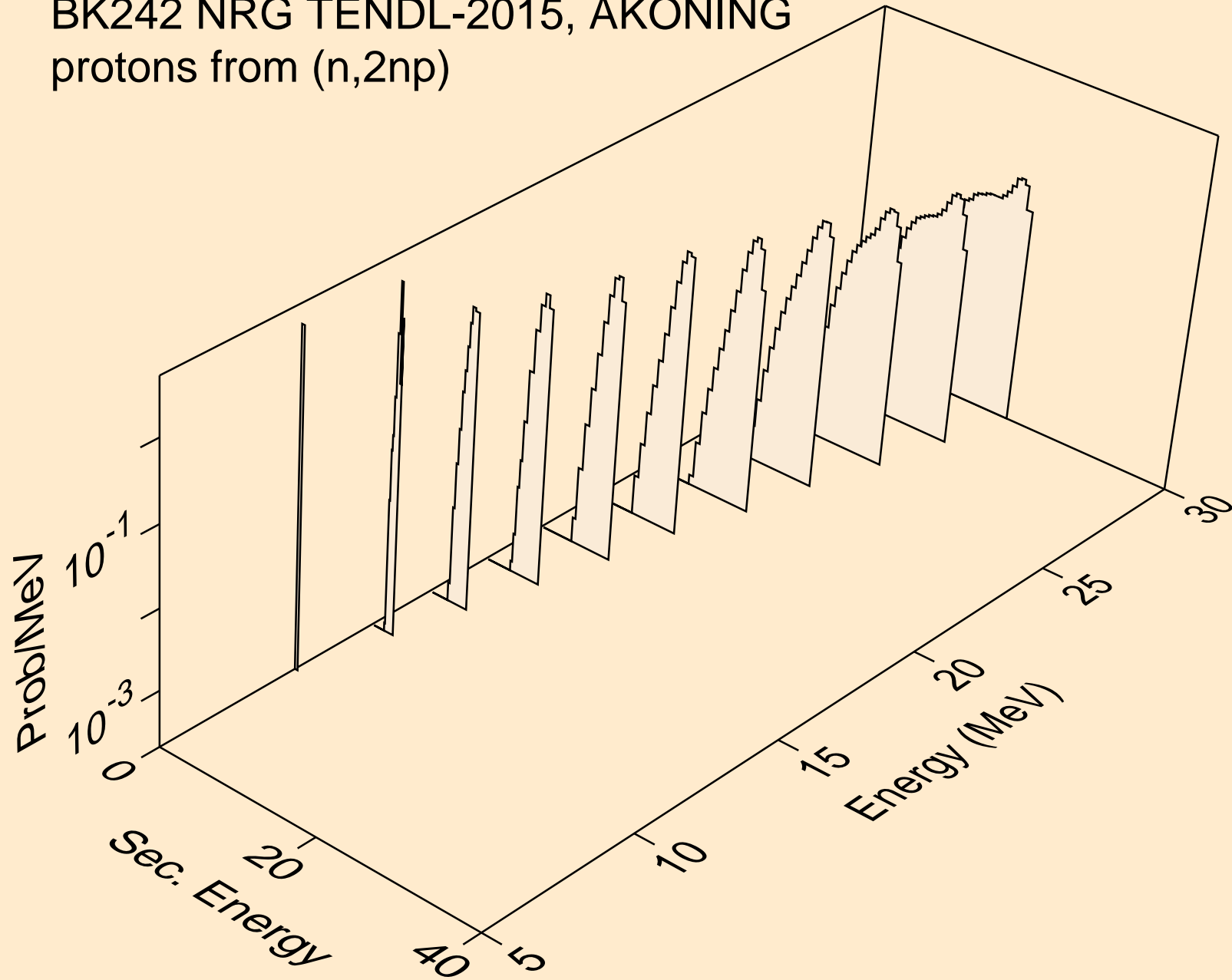
BK242 NRG TENDL-2015, AKONING  
protons from (n,x)



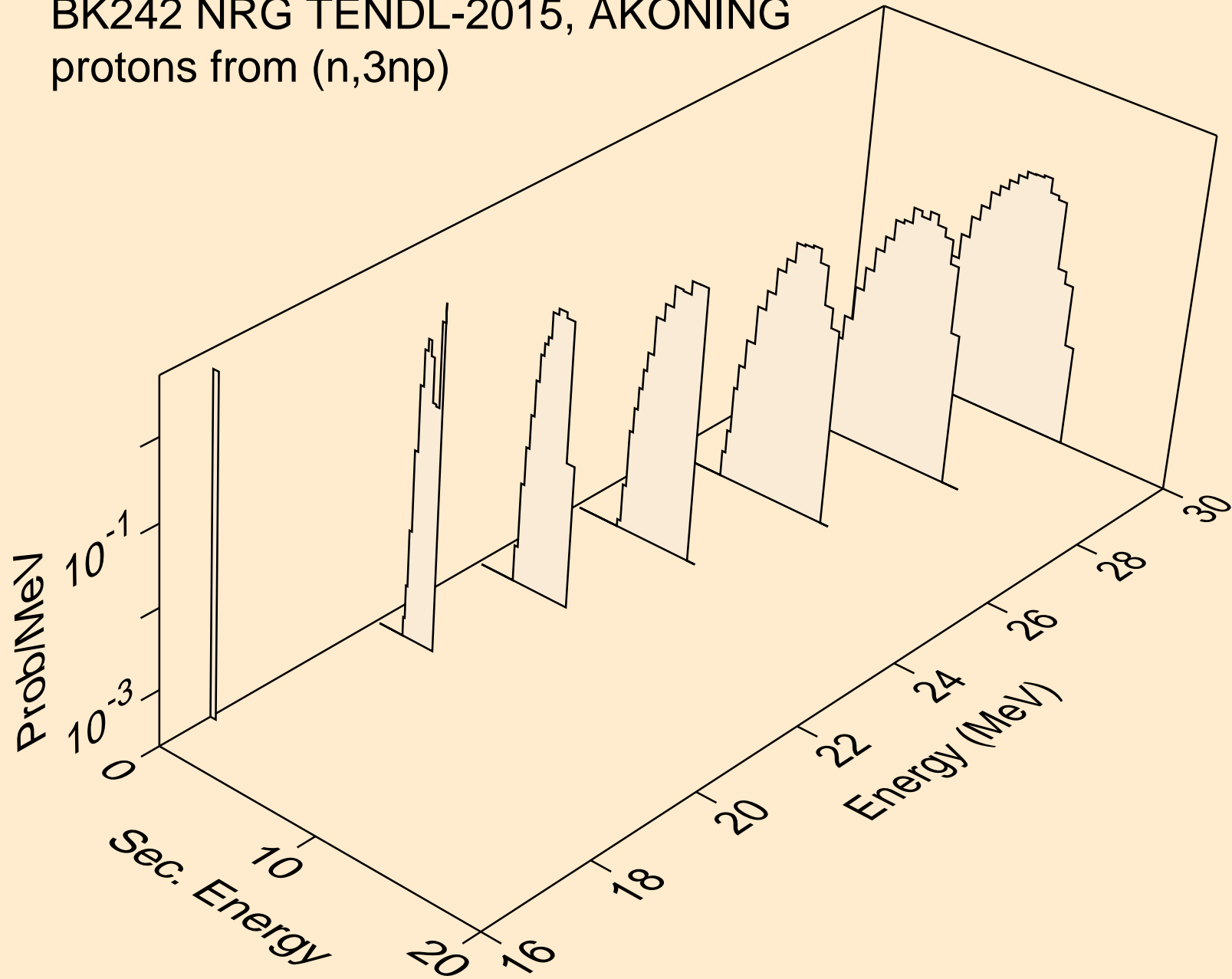
BK242 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



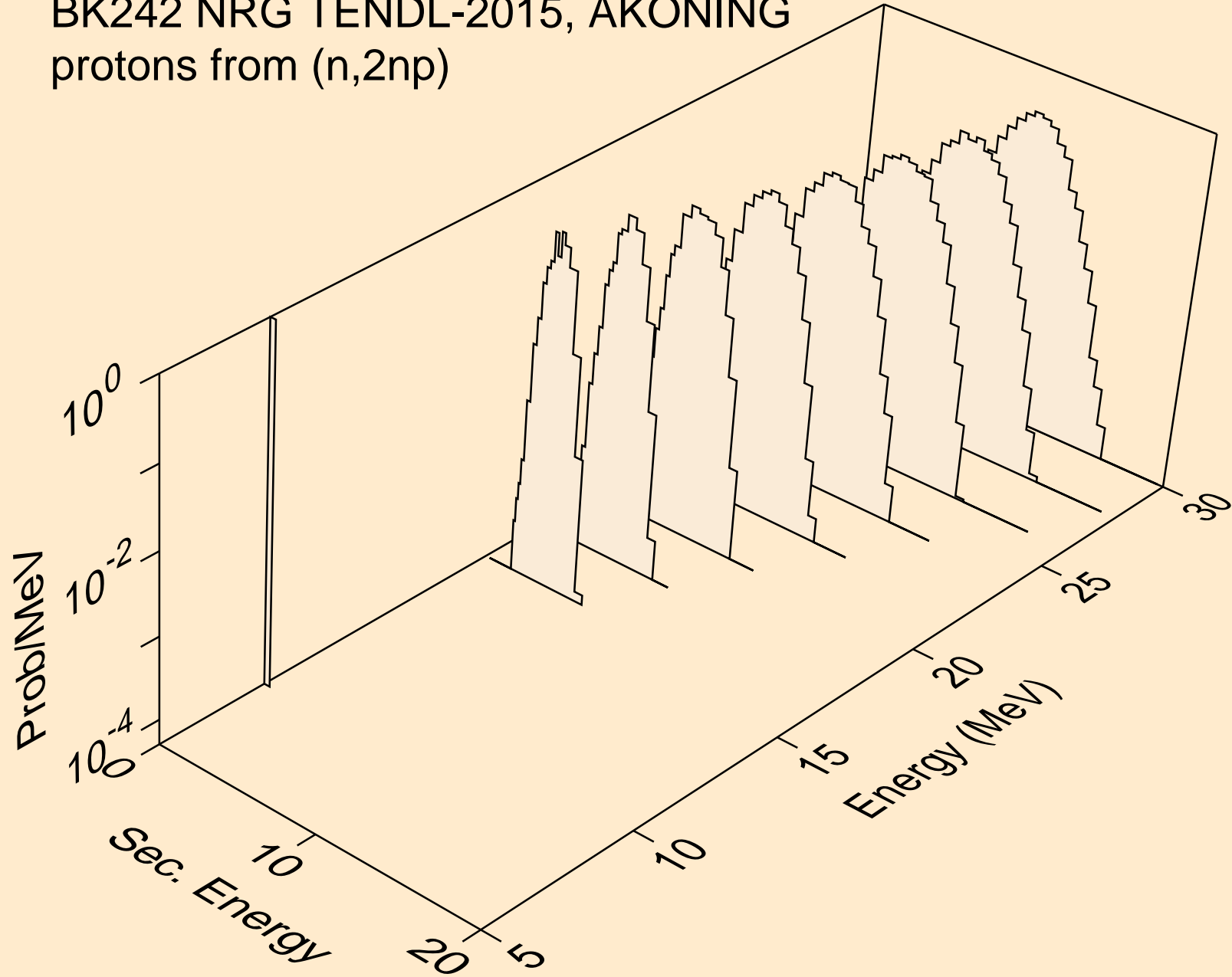
BK242 NRG TENDL-2015, AKONING  
protons from (n,2np)



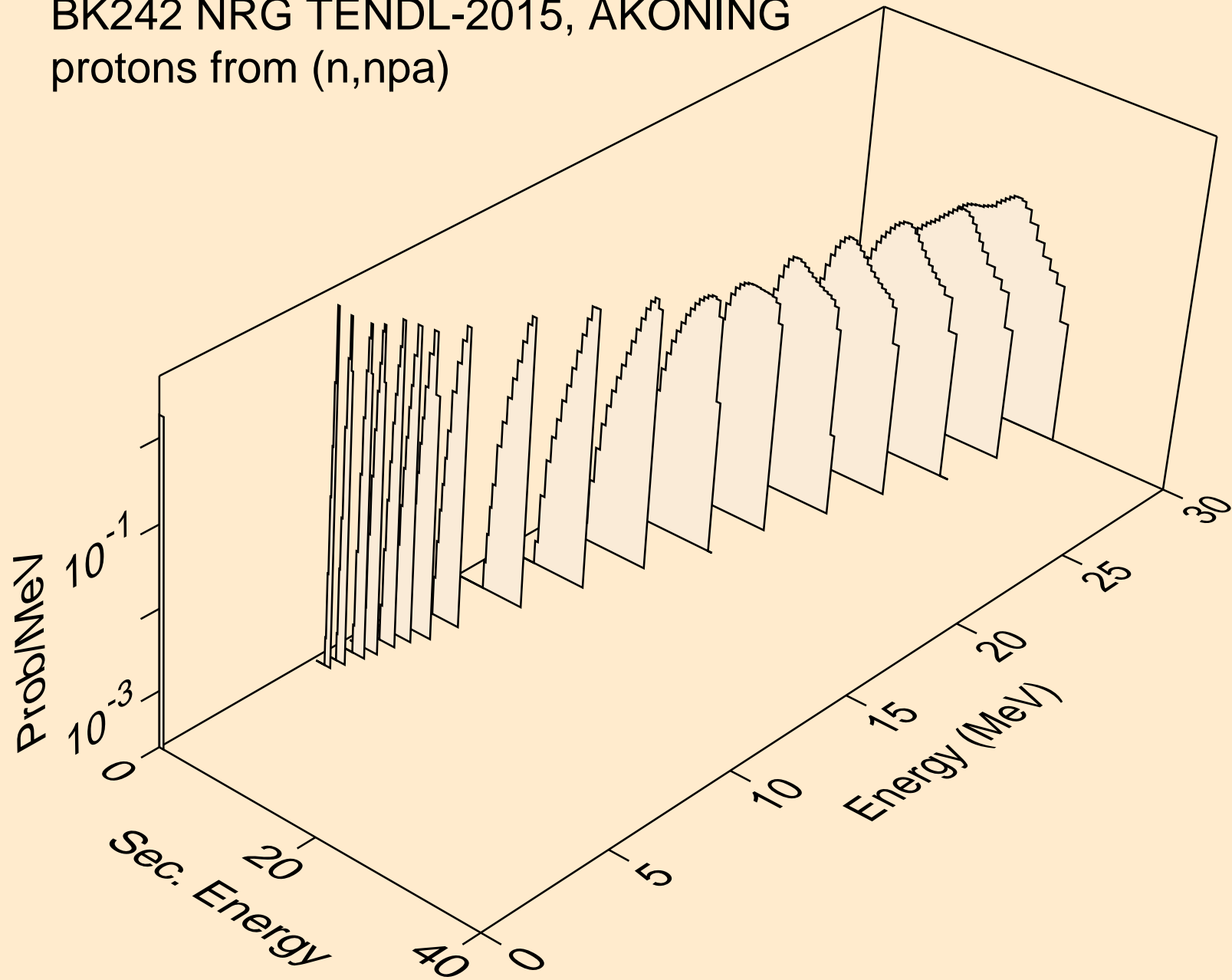
BK242 NRG TENDL-2015, AKONING  
protons from (n,3np)



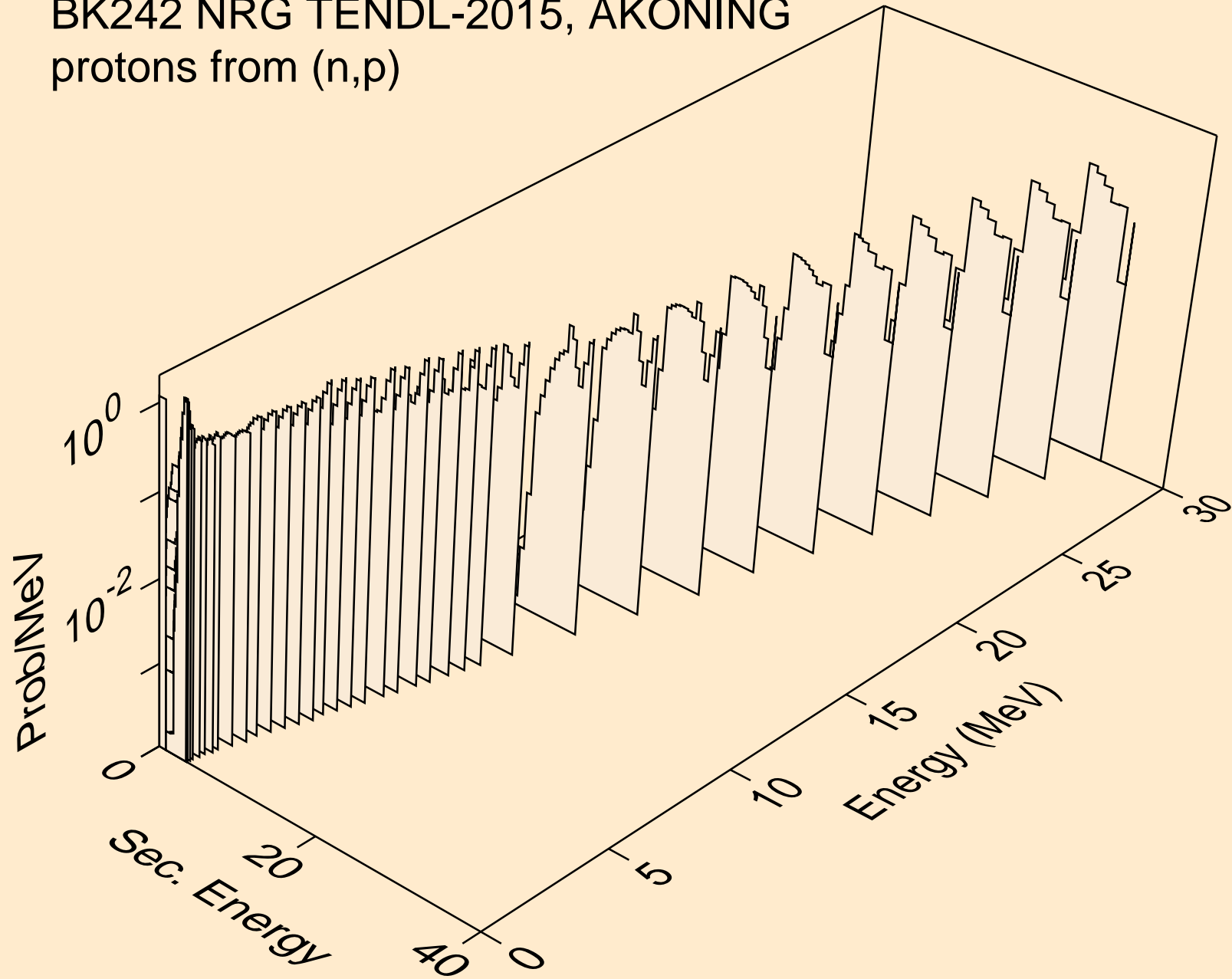
BK242 NRG TENDL-2015, AKONING  
protons from (n,2np)



BK242 NRG TENDL-2015, AKONING  
protons from (n,npa)

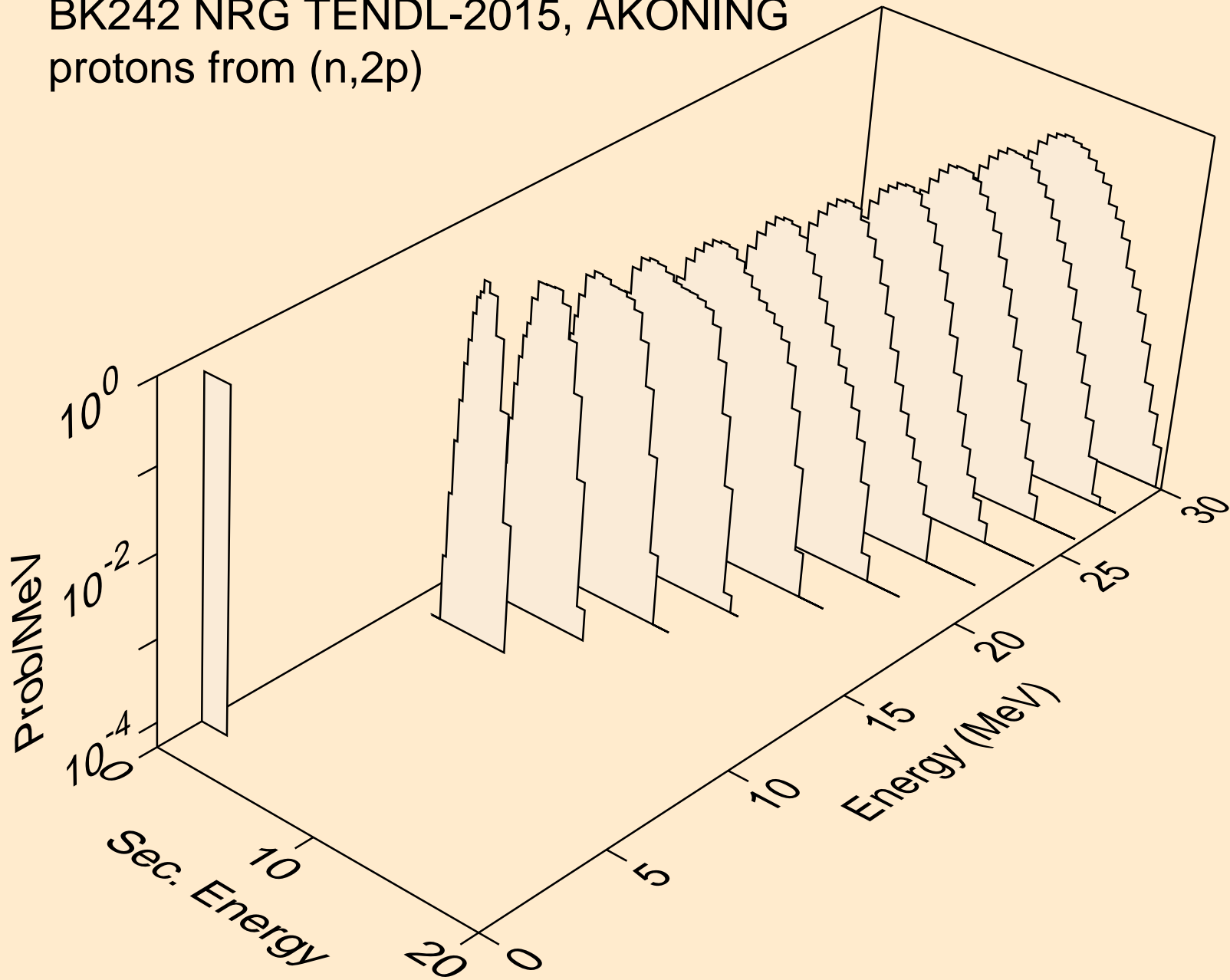


BK242 NRG TENDL-2015, AKONING  
protons from (n,p)

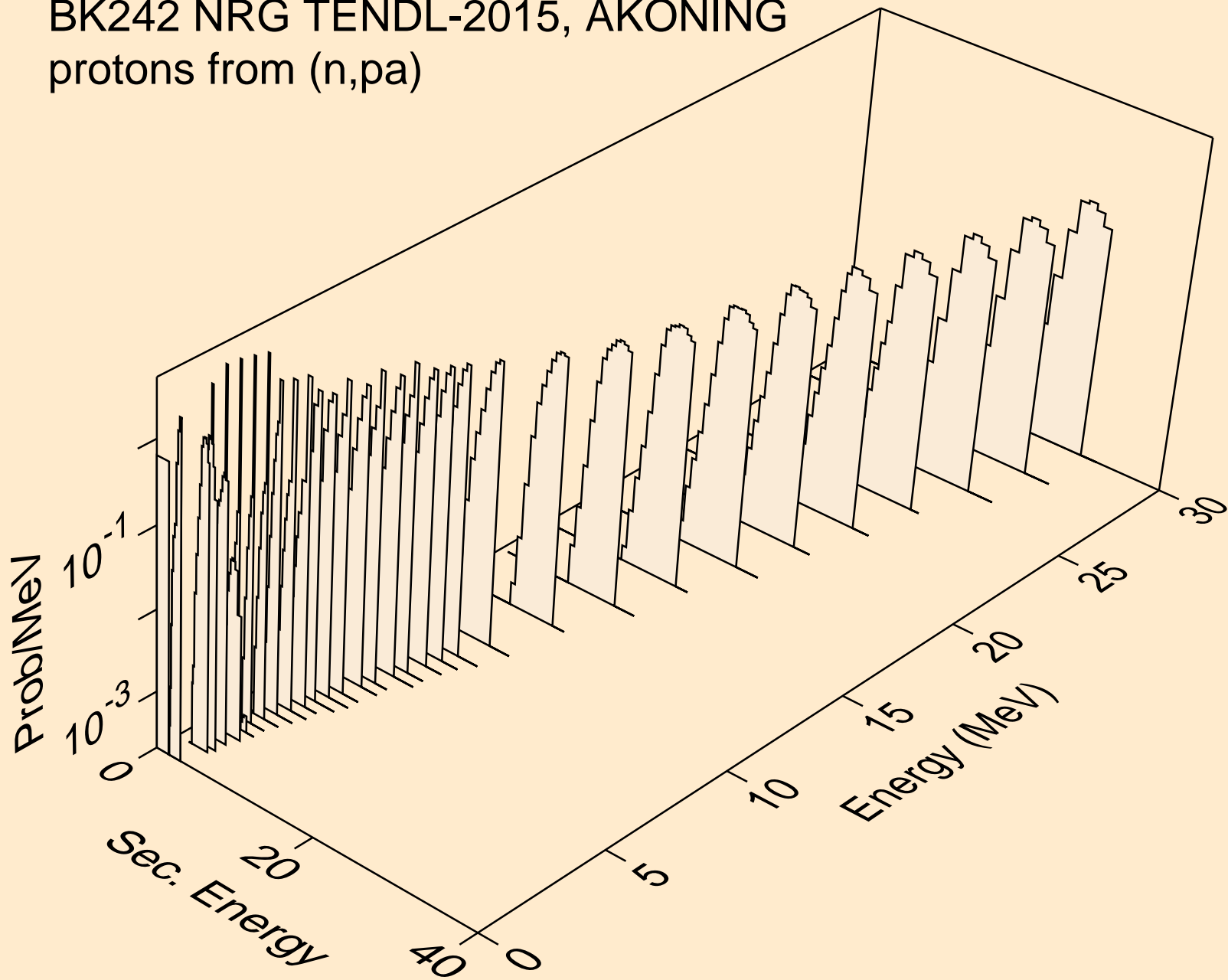




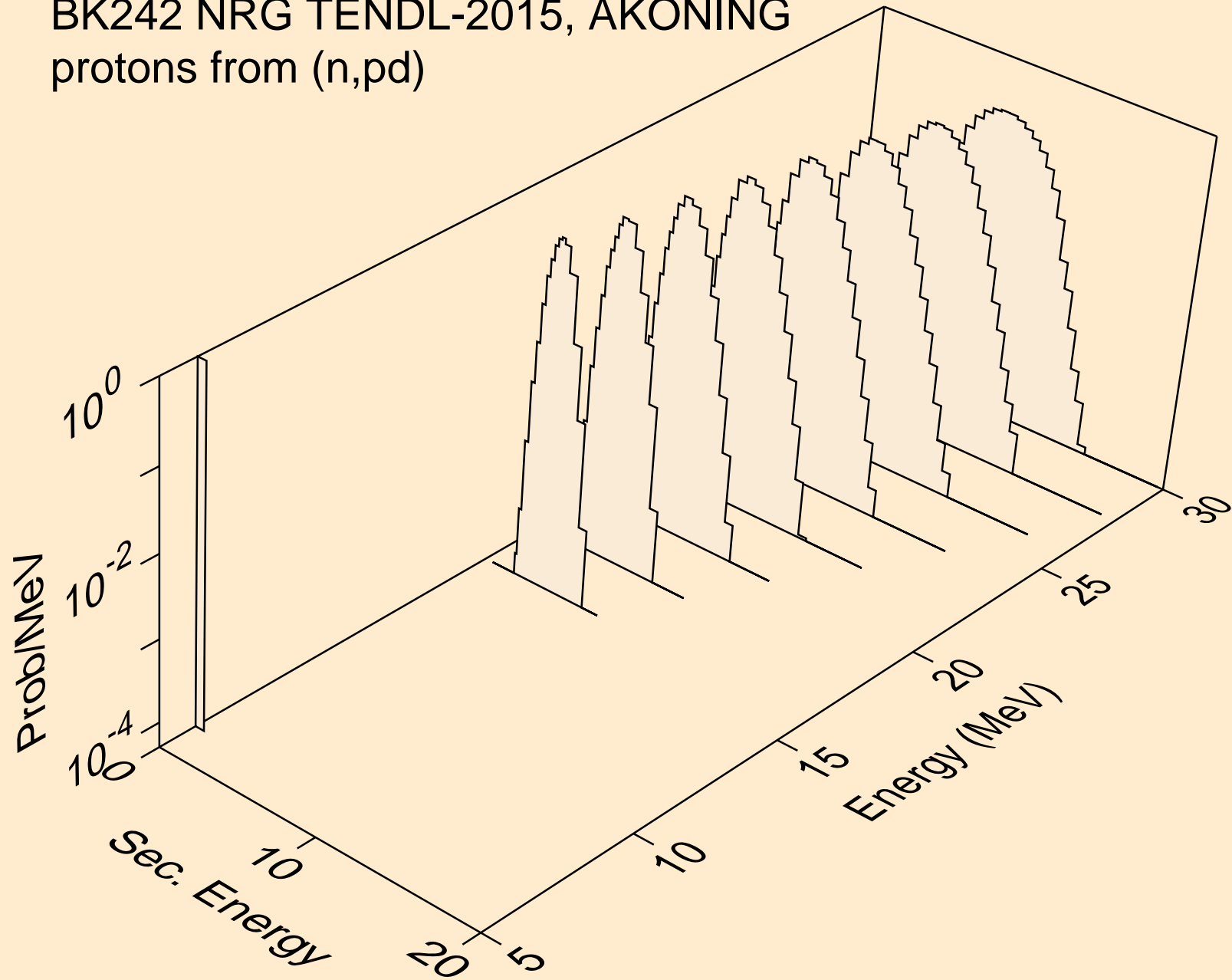
BK242 NRG TENDL-2015, AKONING  
protons from (n,2p)



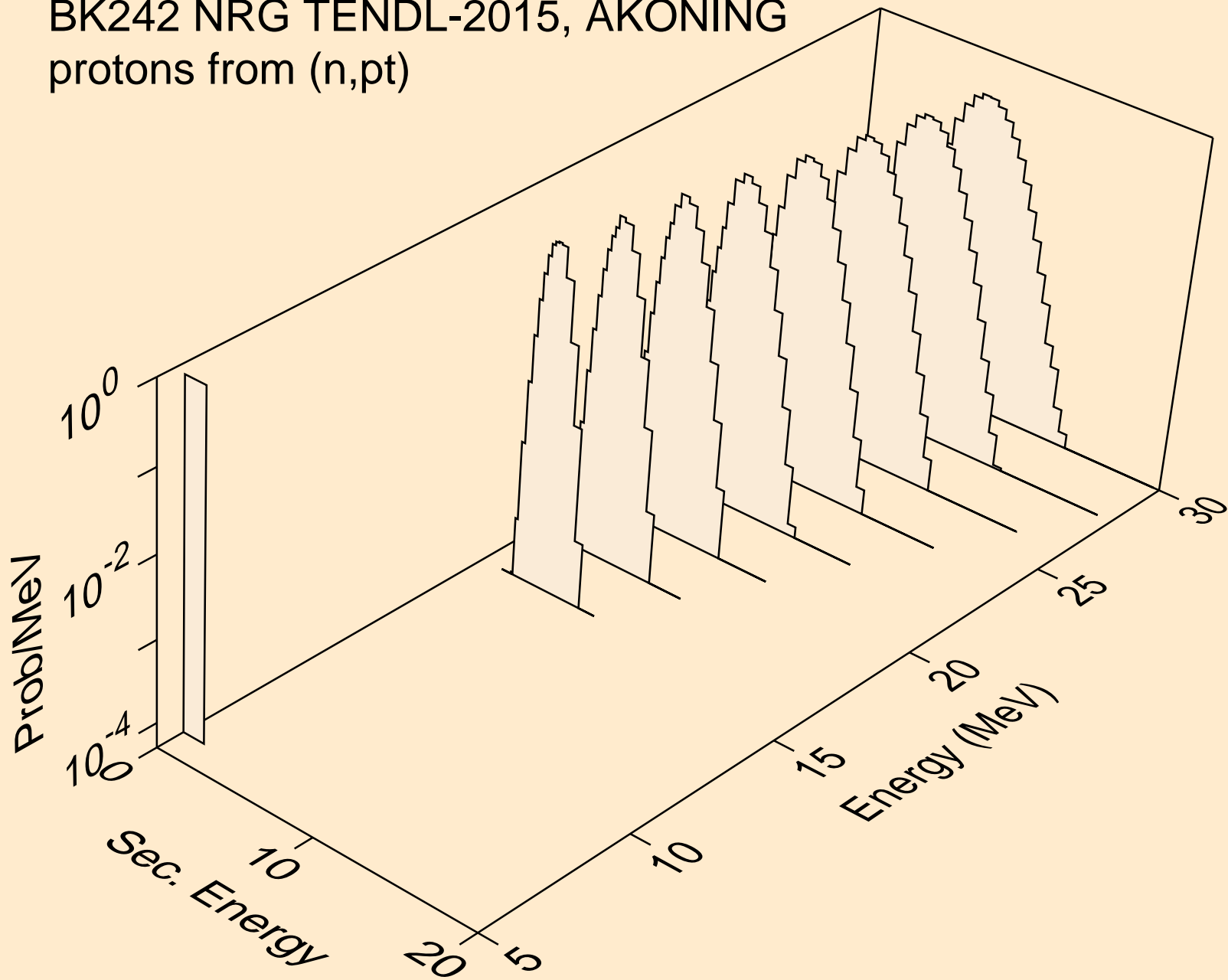
BK242 NRG TENDL-2015, AKONING  
protons from (n,pa)



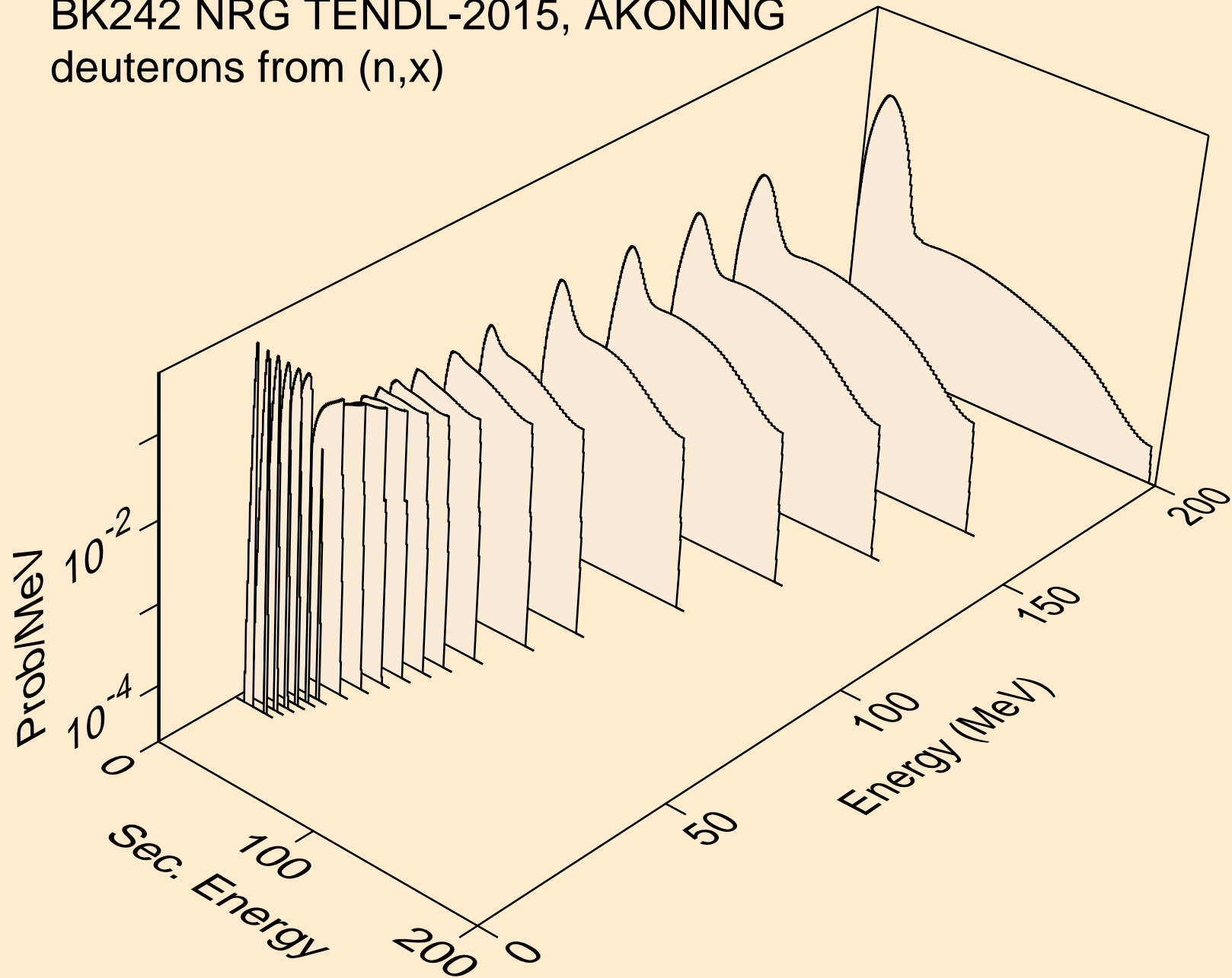
BK242 NRG TENDL-2015, AKONING  
protons from (n,pd)



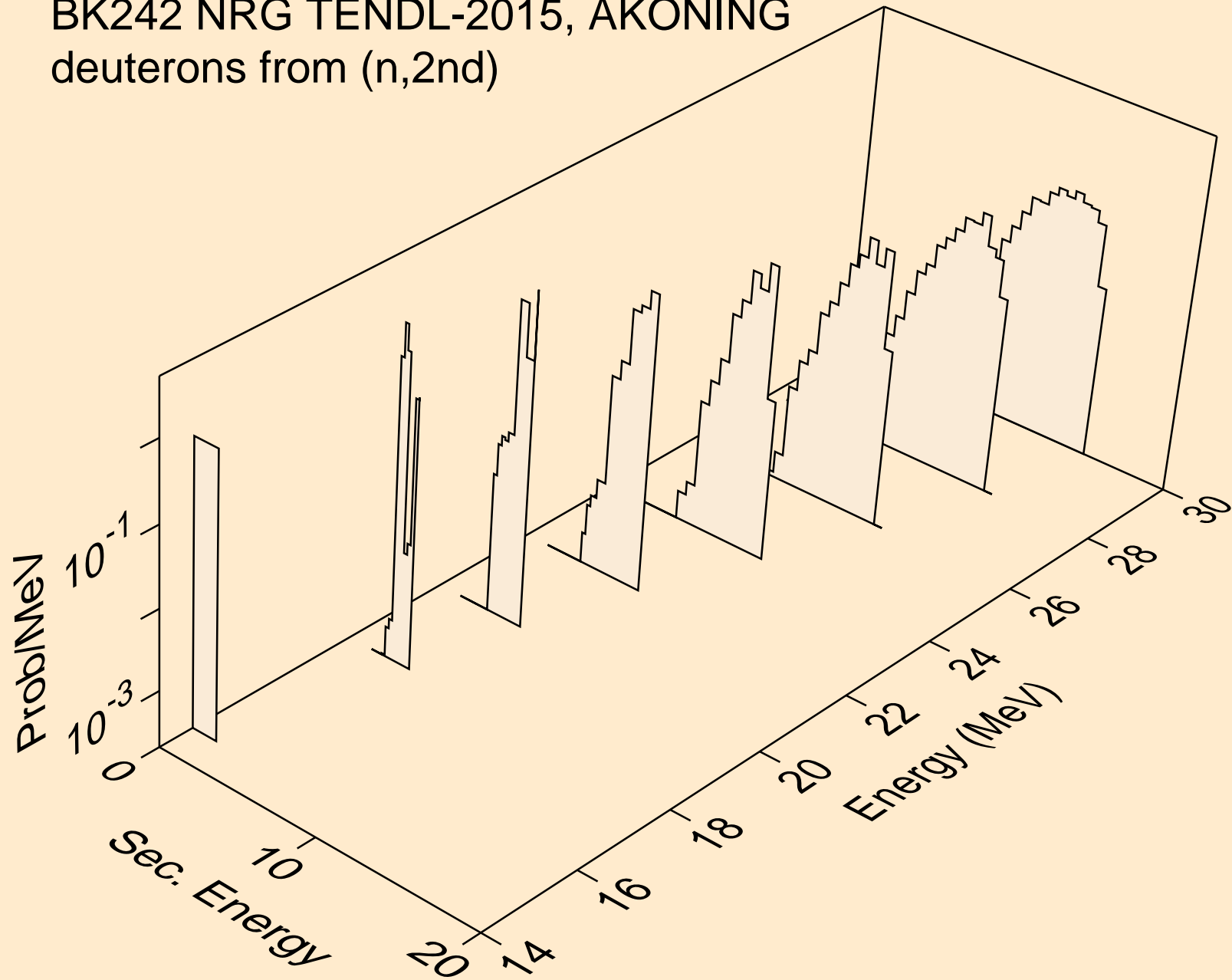
BK242 NRG TENDL-2015, AKONING  
protons from (n,pt)



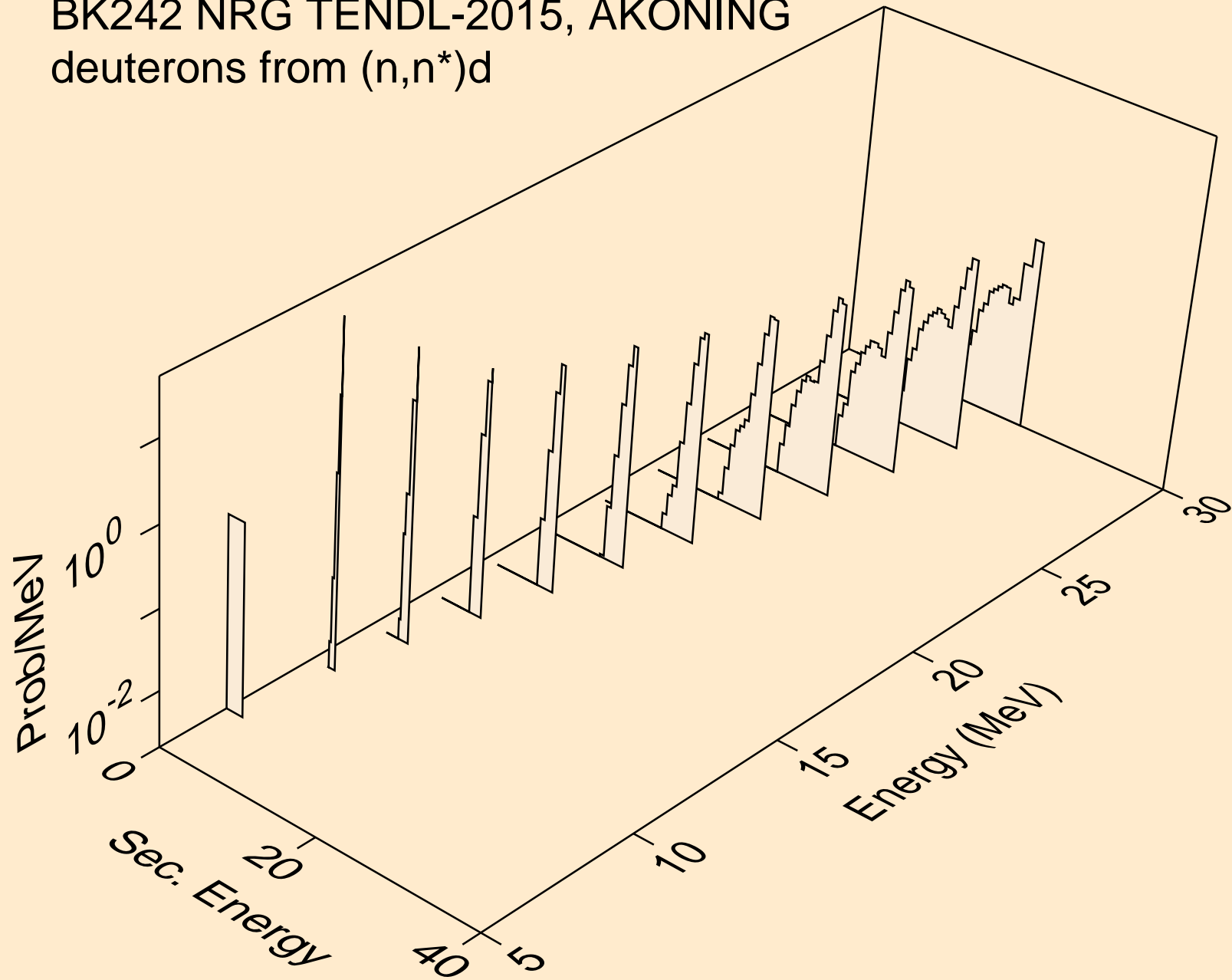
BK242 NRG TENDL-2015, AKONING  
deuterons from (n,x)



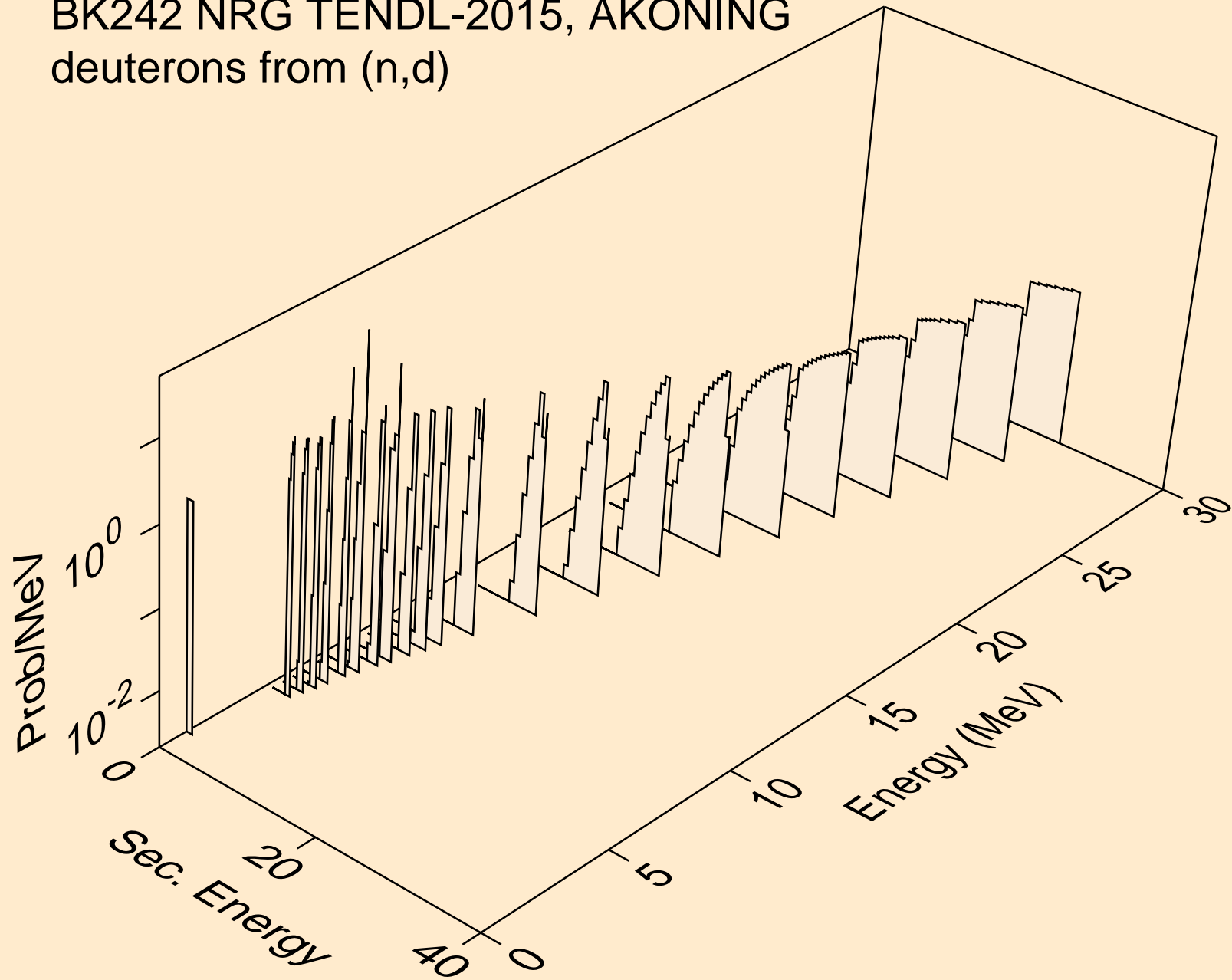
BK242 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



BK242 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

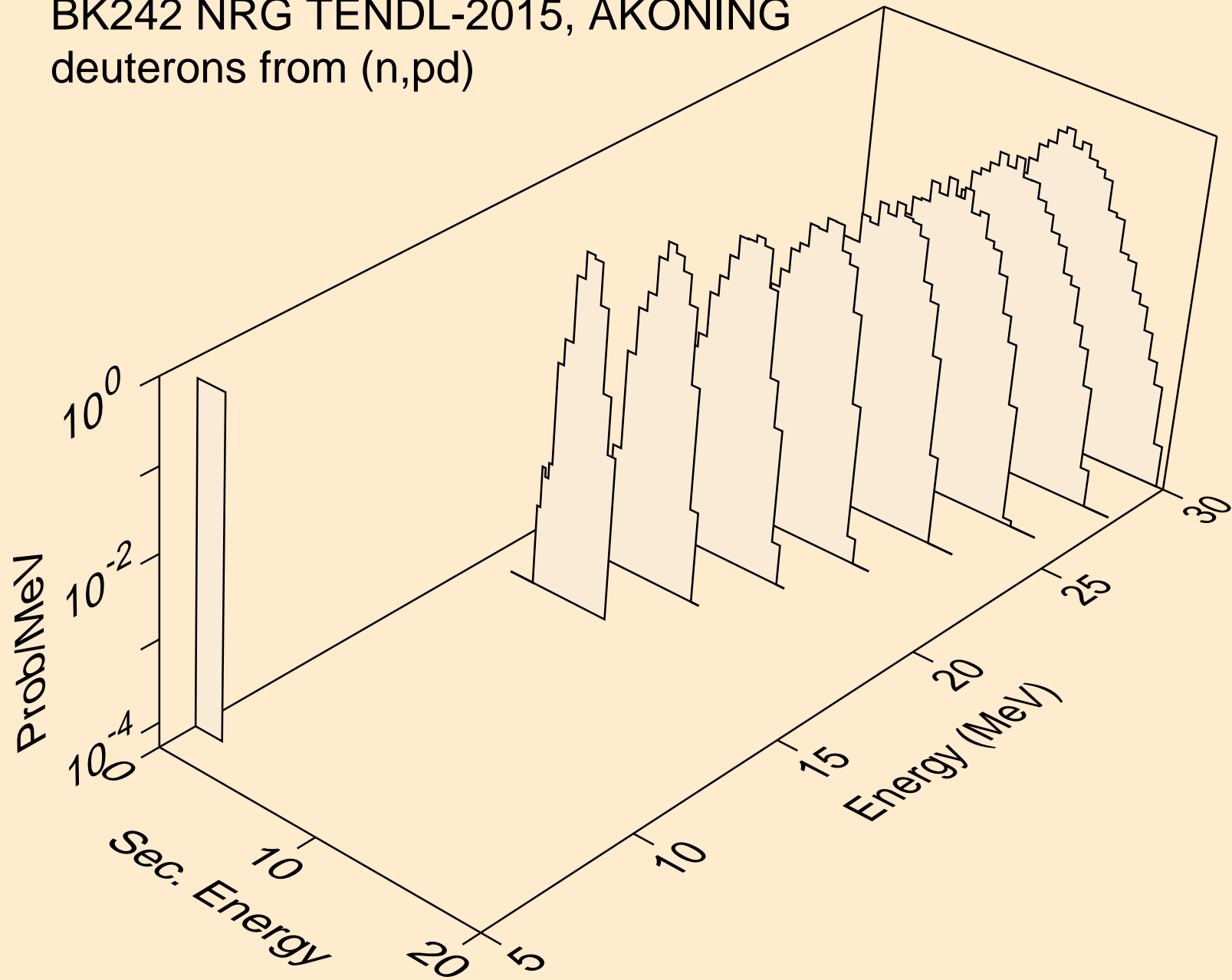


BK242 NRG TENDL-2015, AKONING  
deuterons from (n,d)

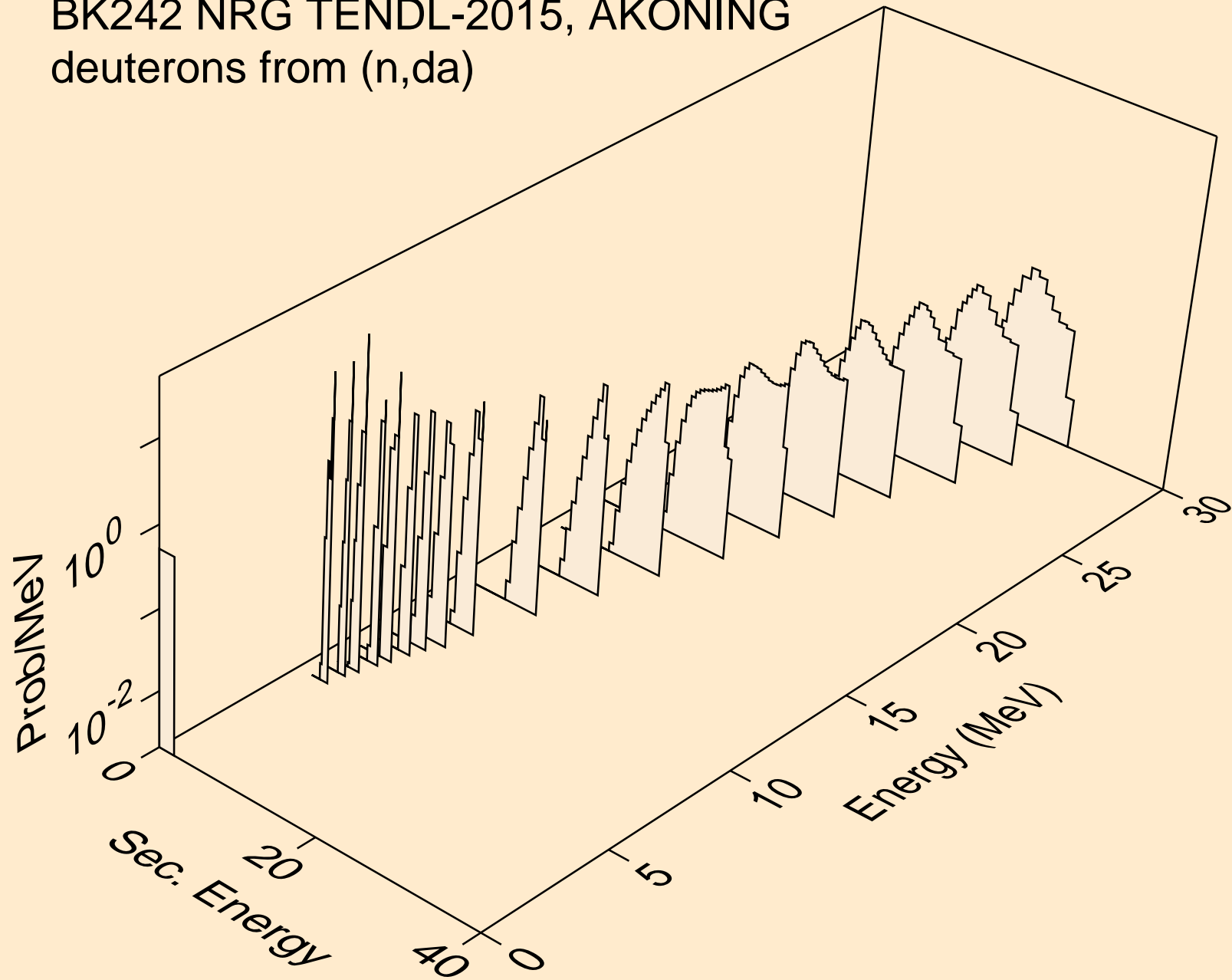




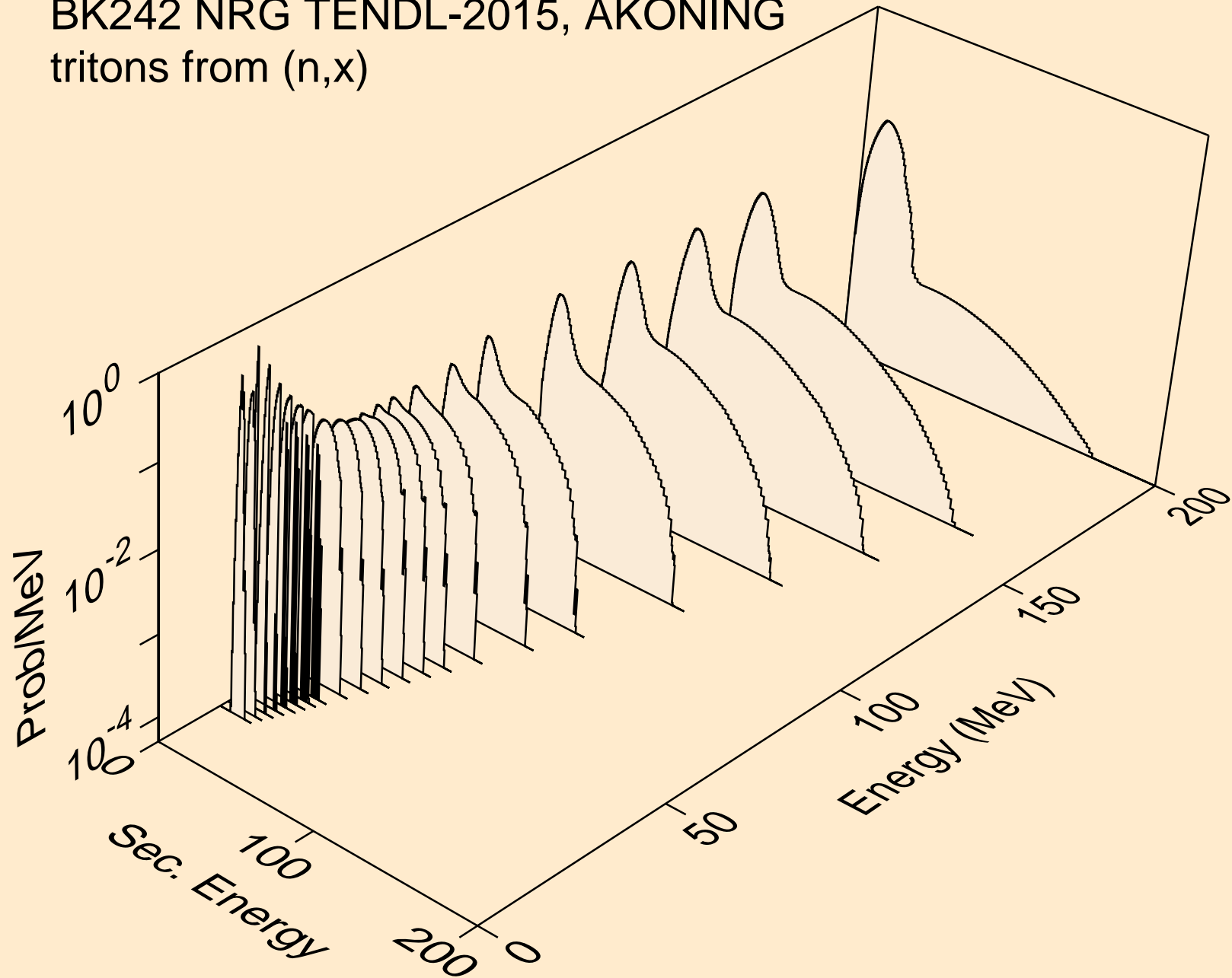
BK242 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



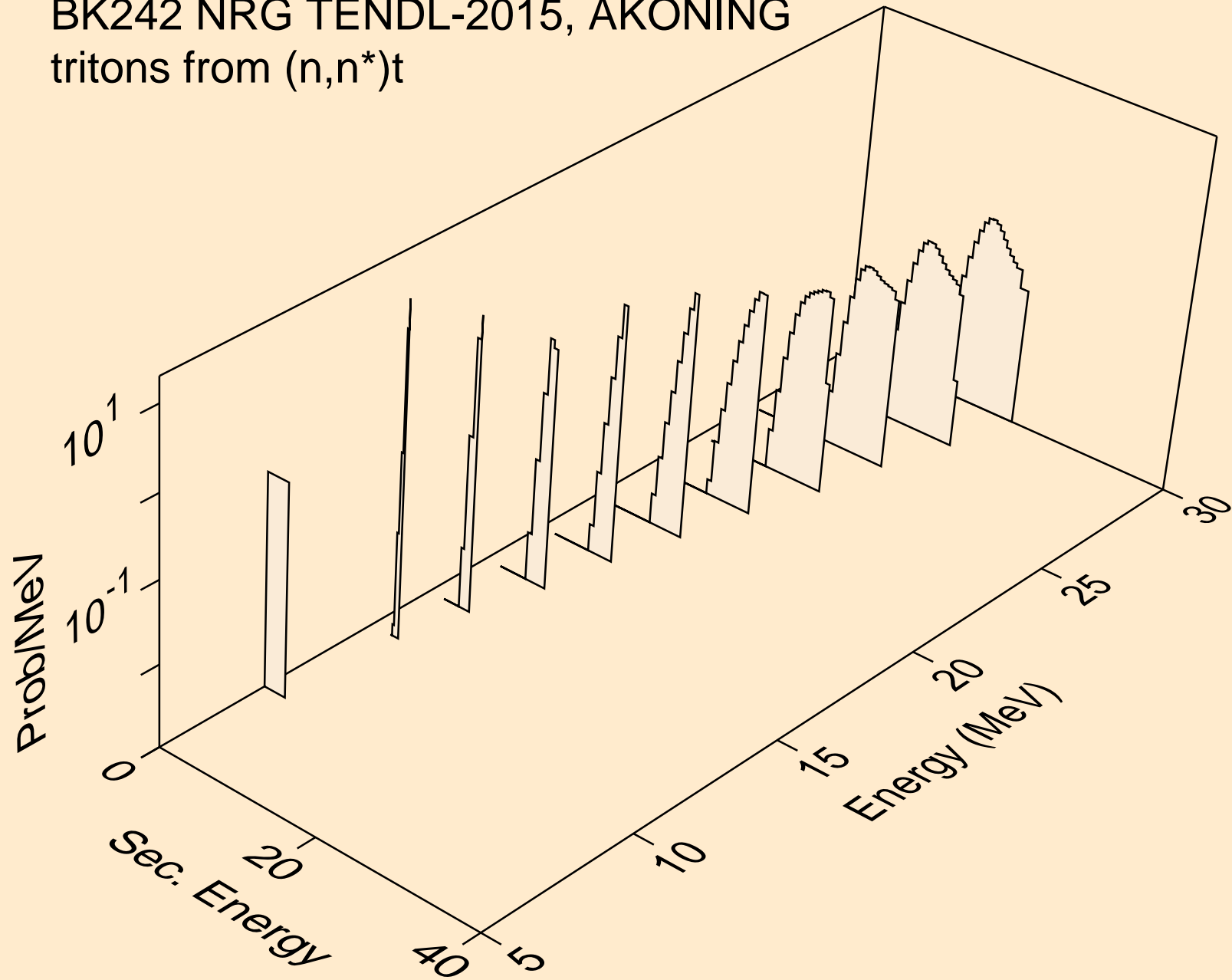
BK242 NRG TENDL-2015, AKONING  
deuterons from (n,da)



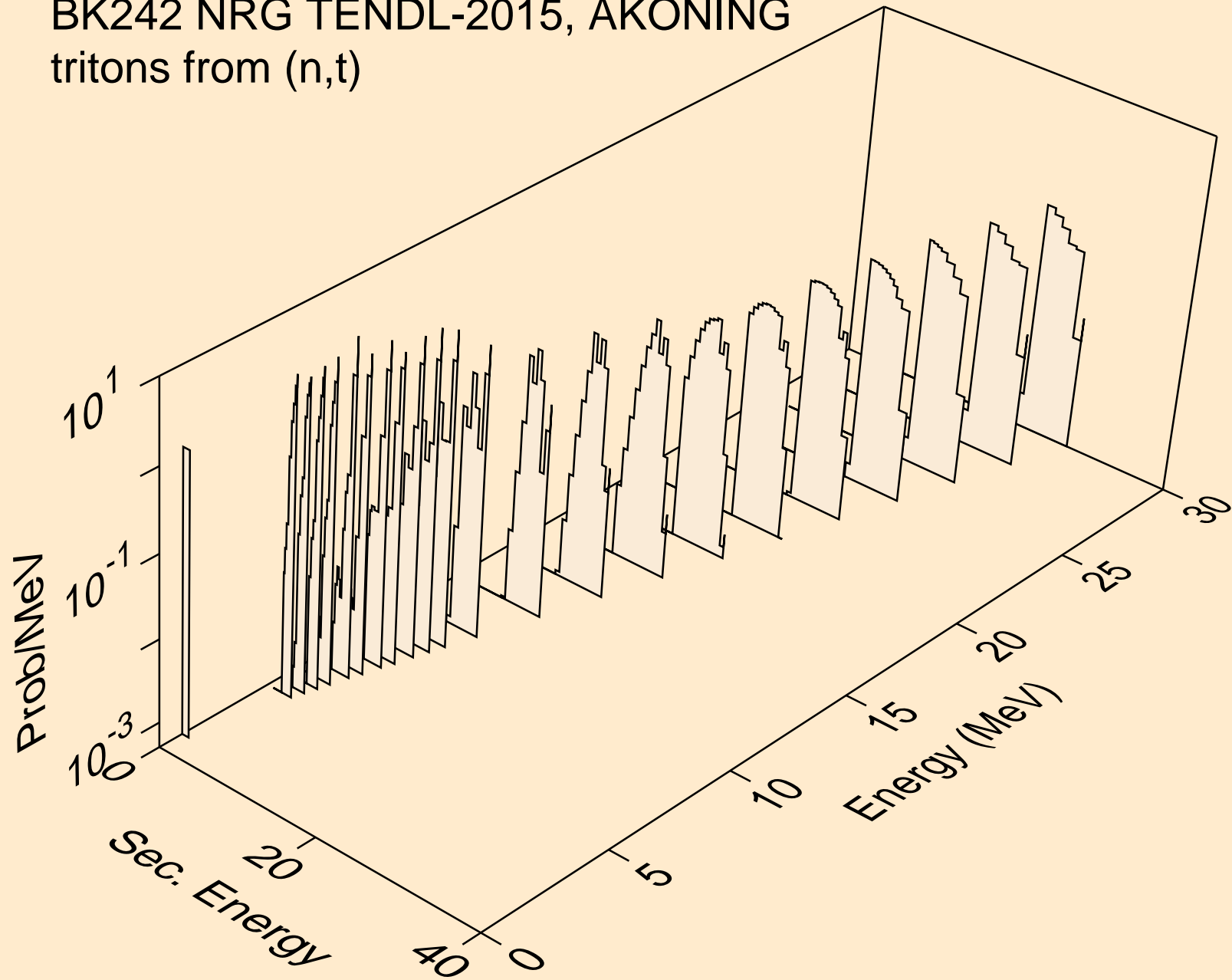
BK242 NRG TENDL-2015, AKONING  
tritons from (n,x)



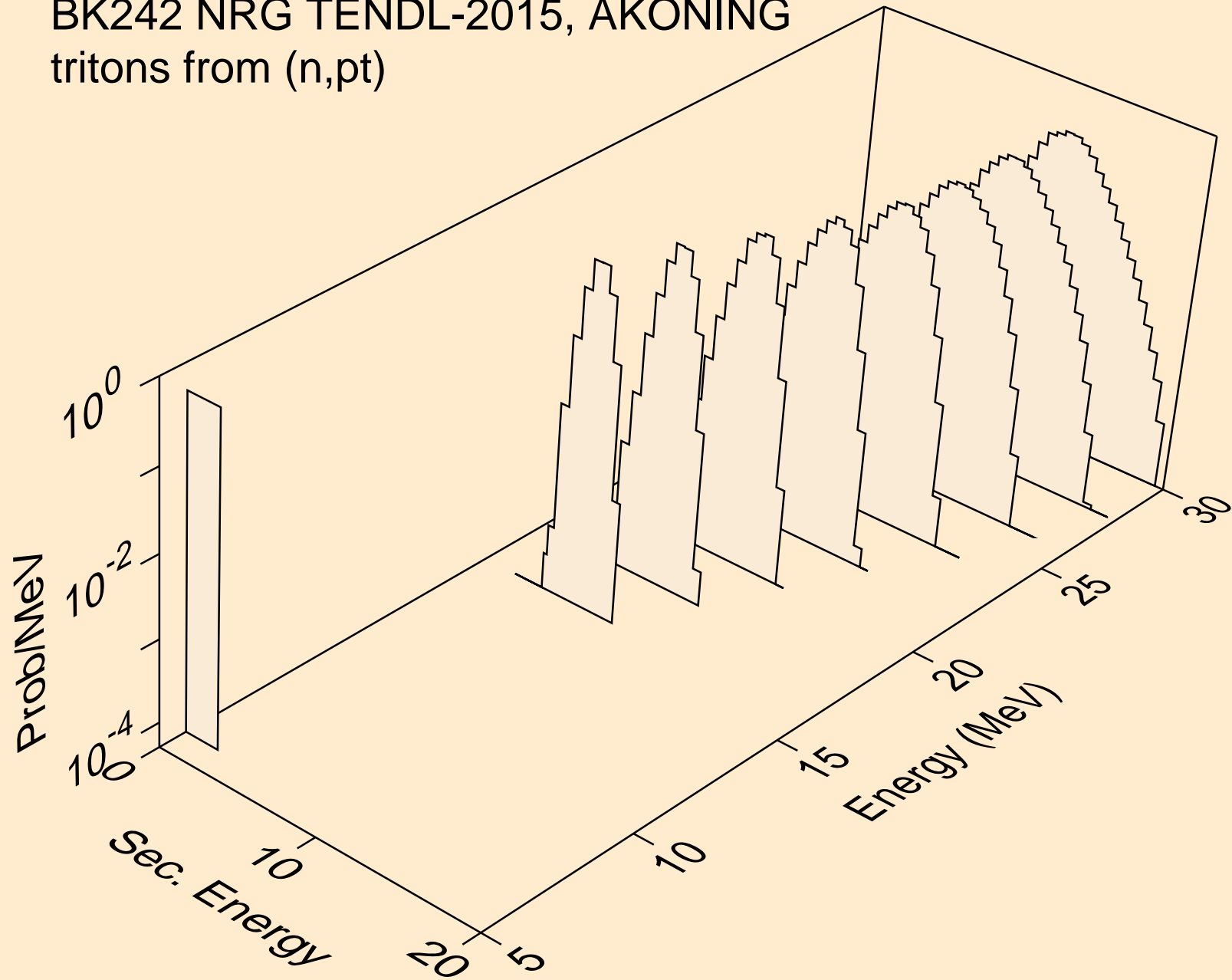
BK242 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



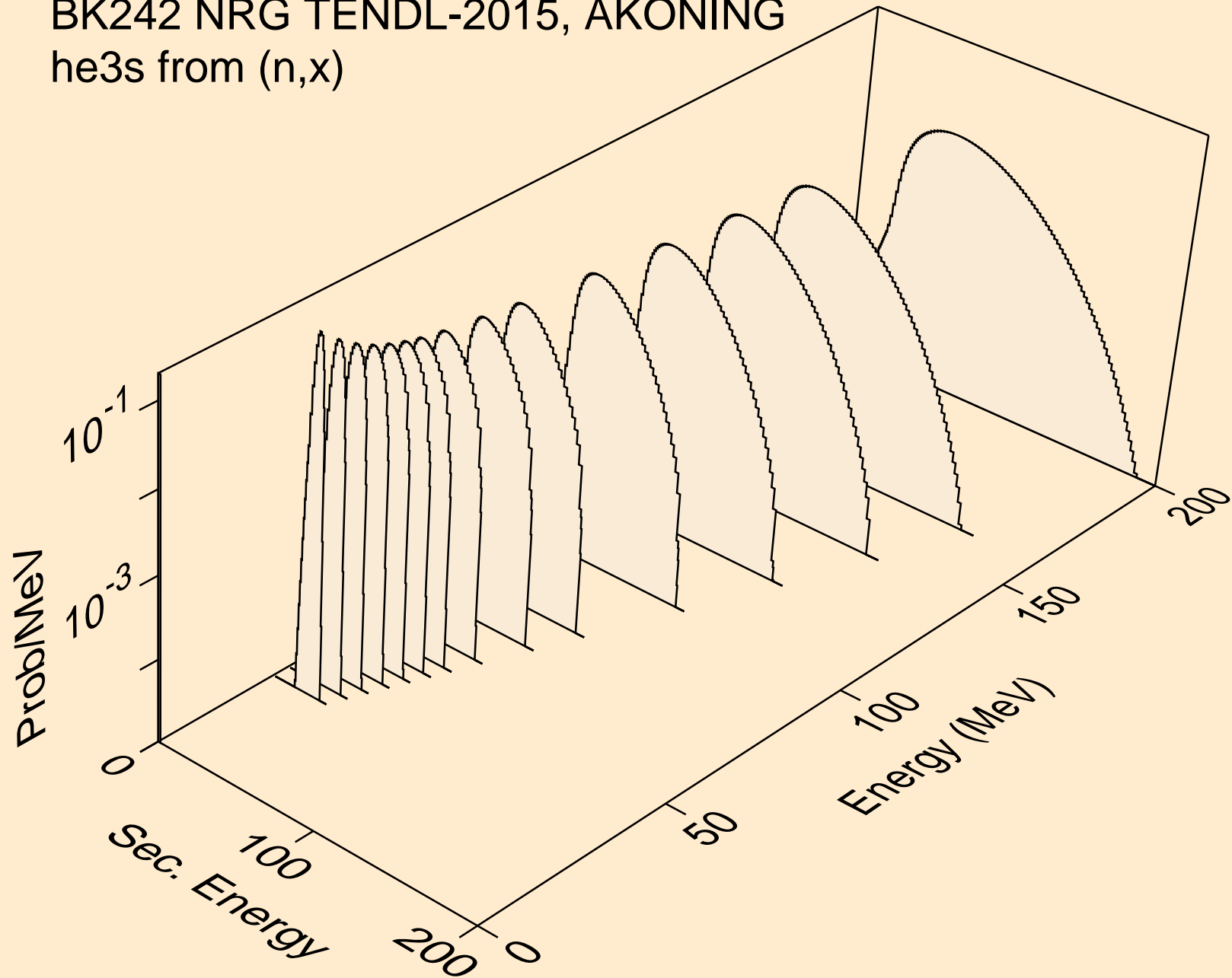
BK242 NRG TENDL-2015, AKONING  
tritons from (n,t)



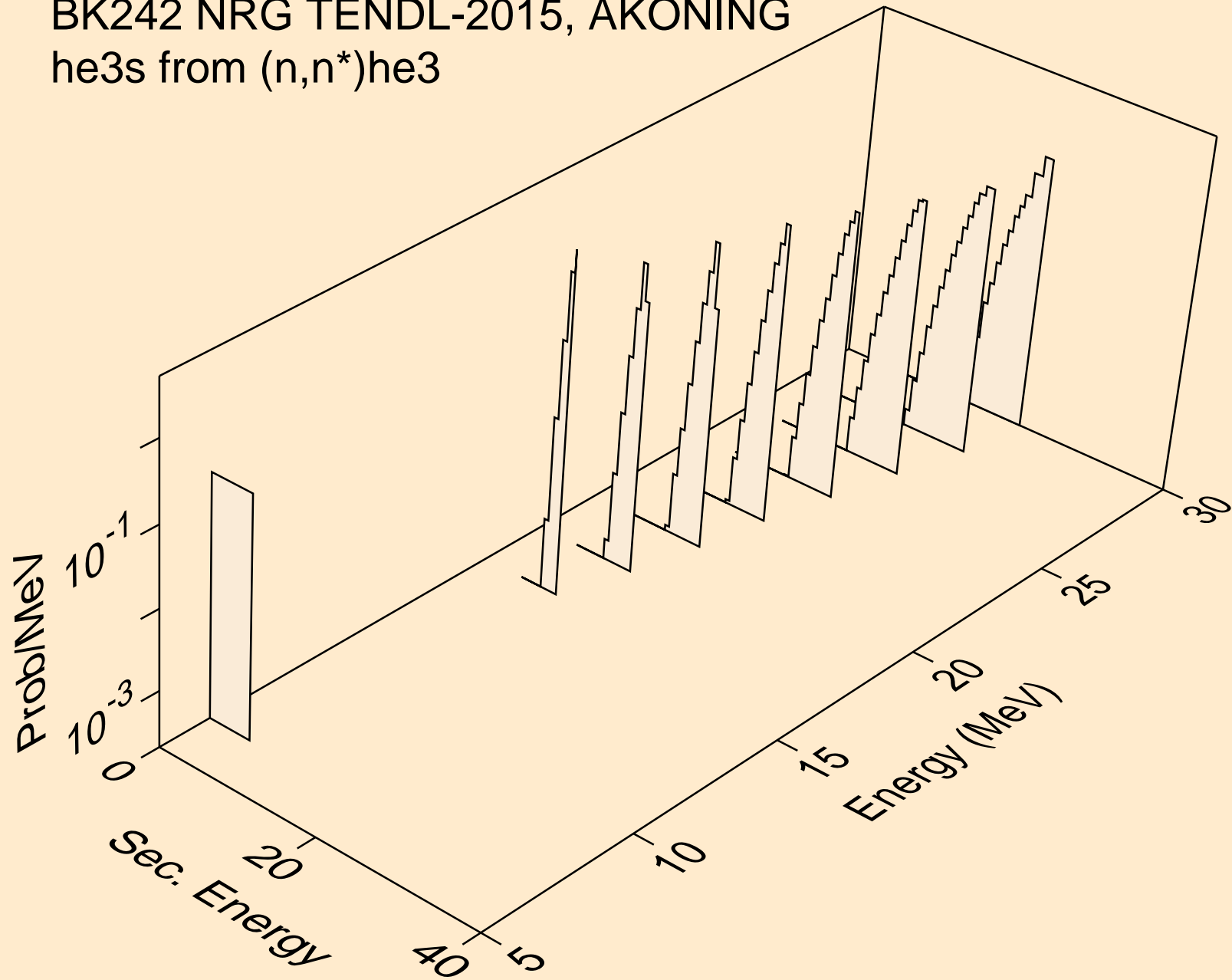
BK242 NRG TENDL-2015, AKONING  
tritons from (n,pt)



BK242 NRG TENDL-2015, AKONING  
he3s from (n,x)

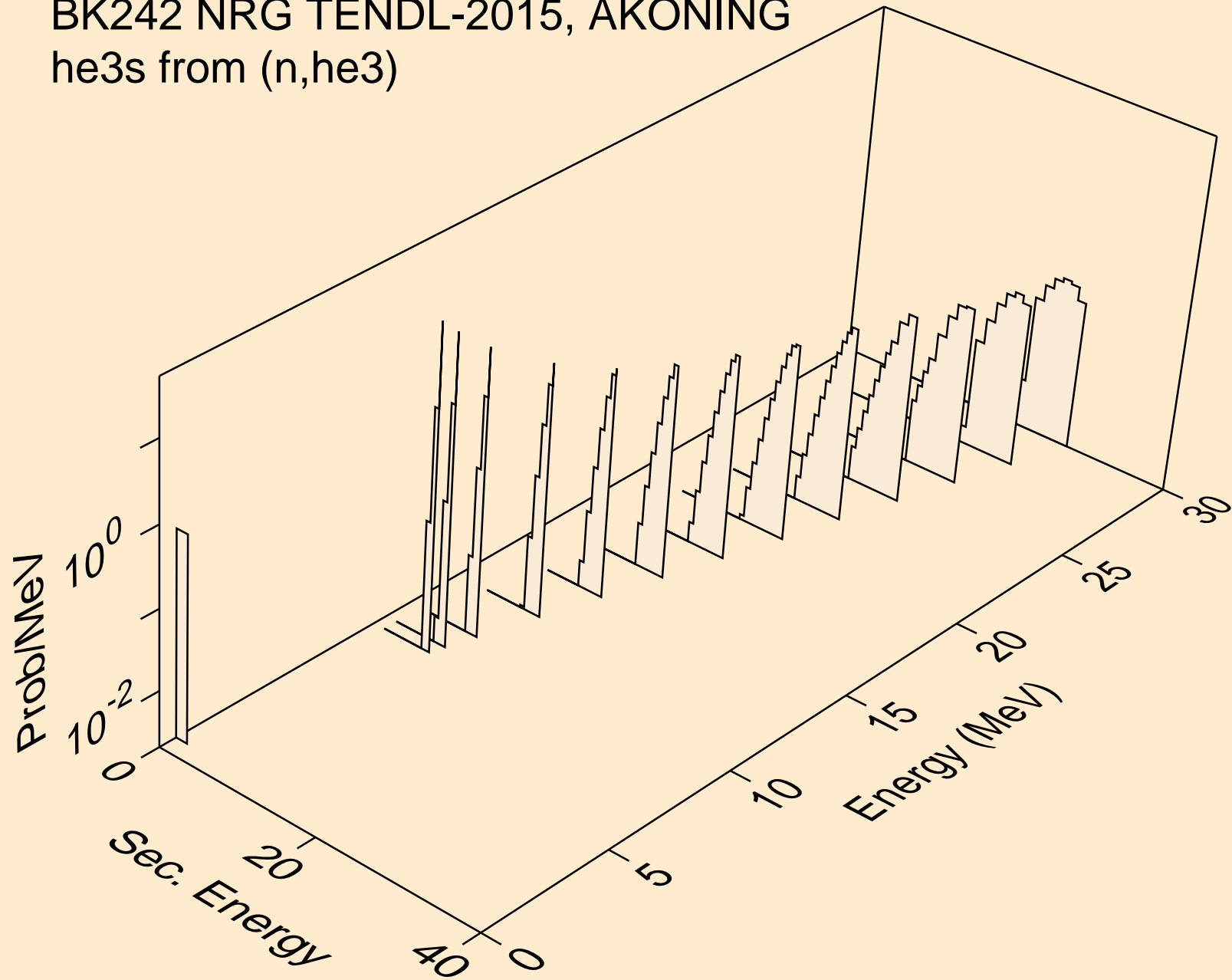


BK242 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

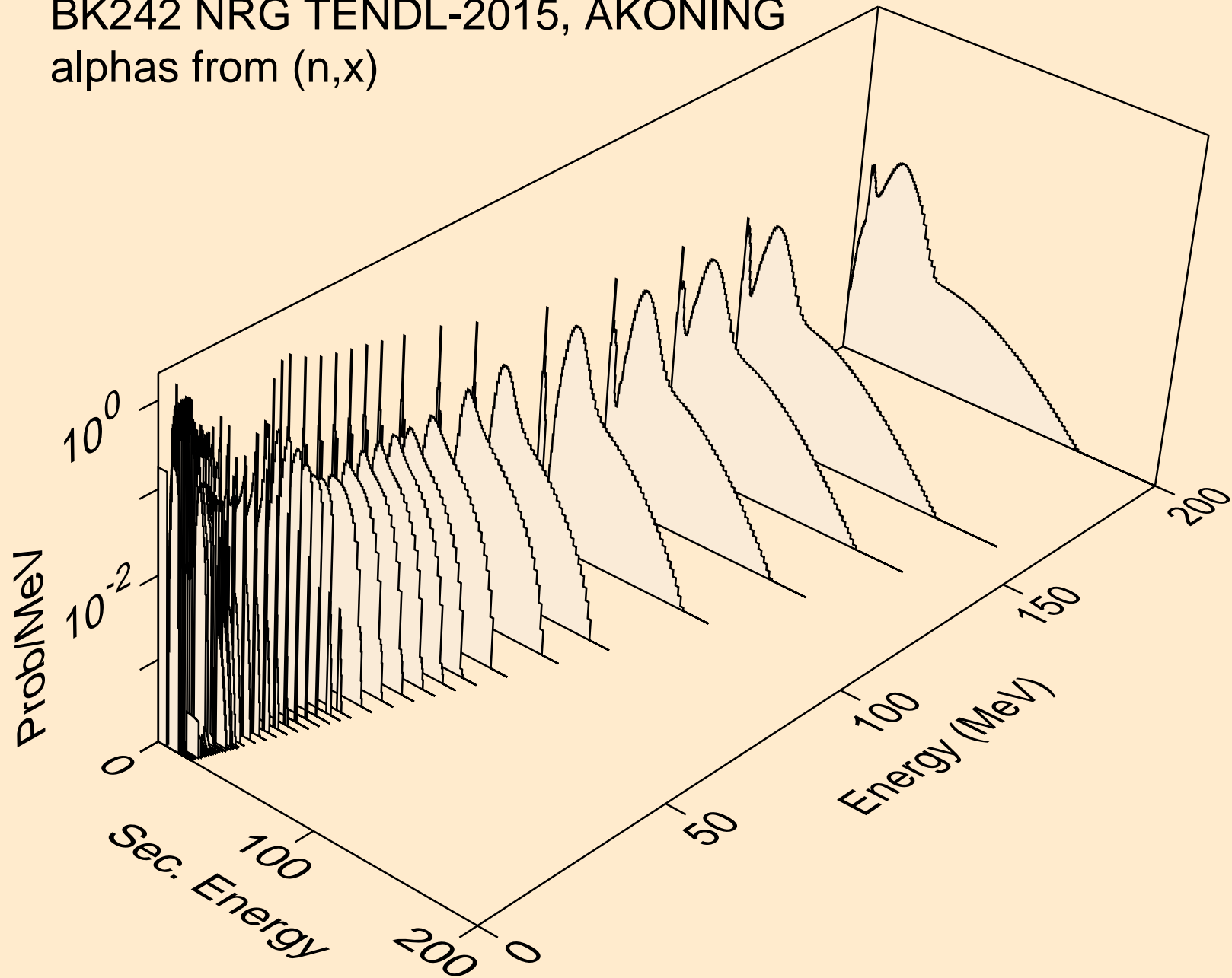




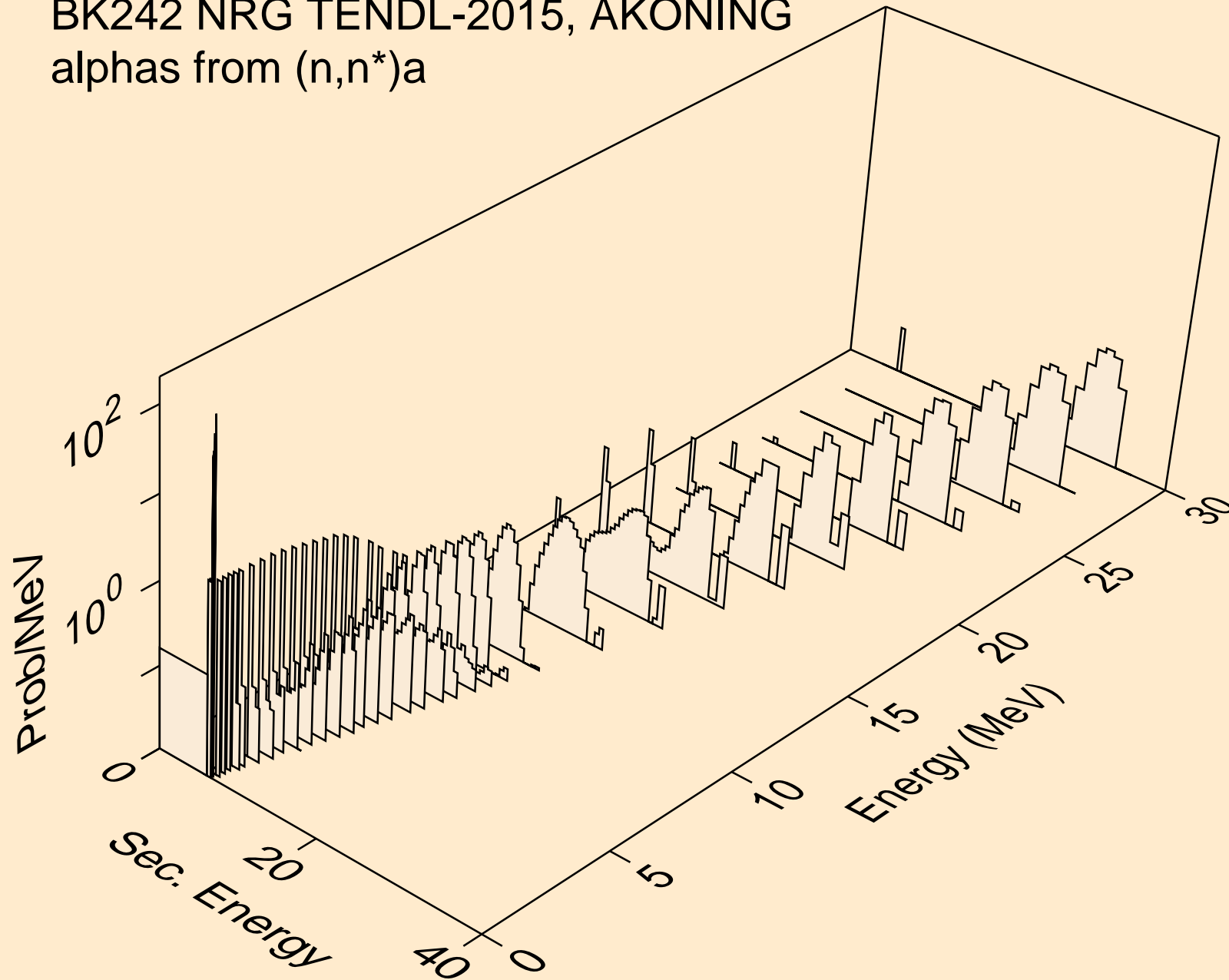
BK242 NRG TENDL-2015, AKONING  
he3s from (n,he3)



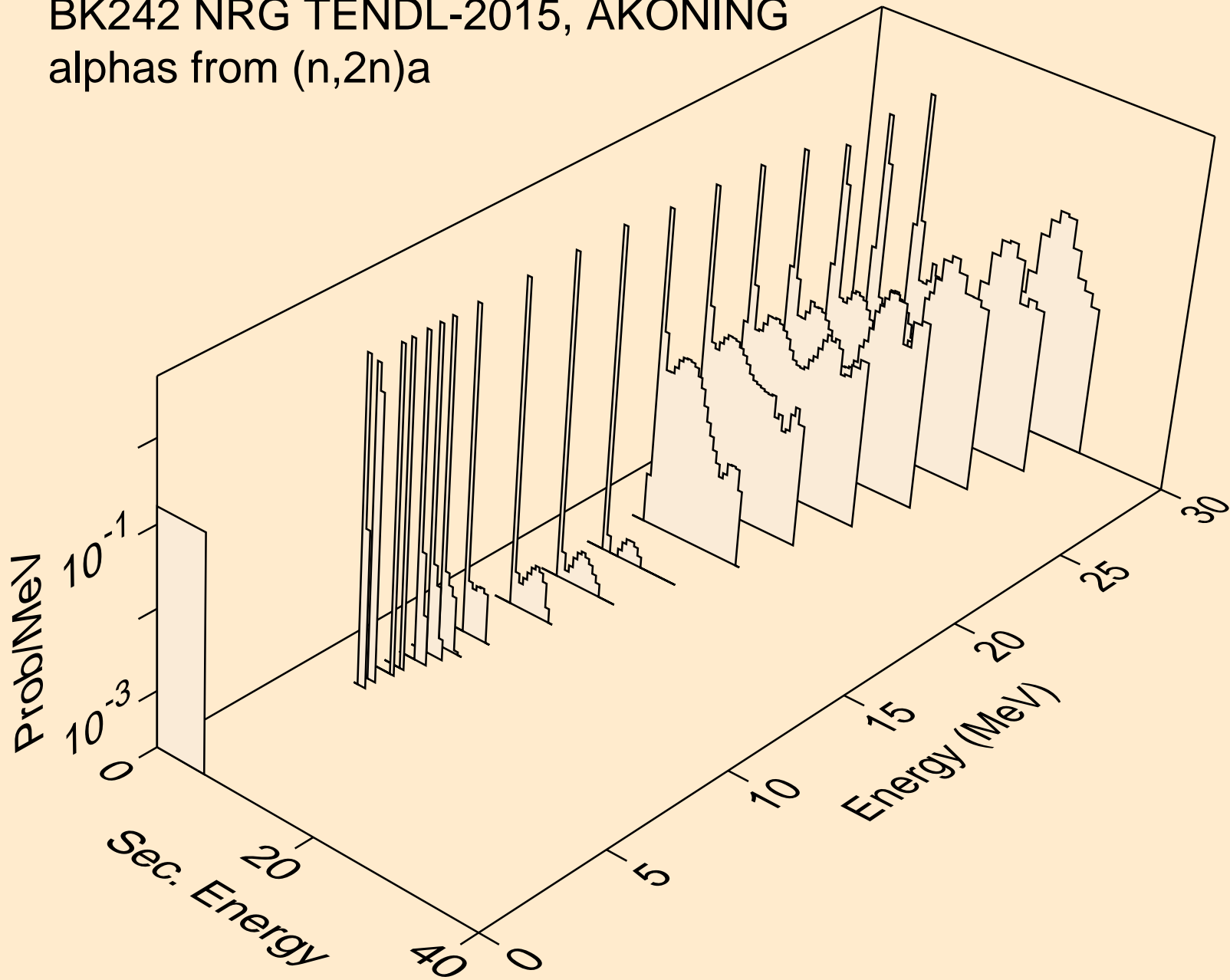
BK242 NRG TENDL-2015, AKONING  
alphas from (n,x)



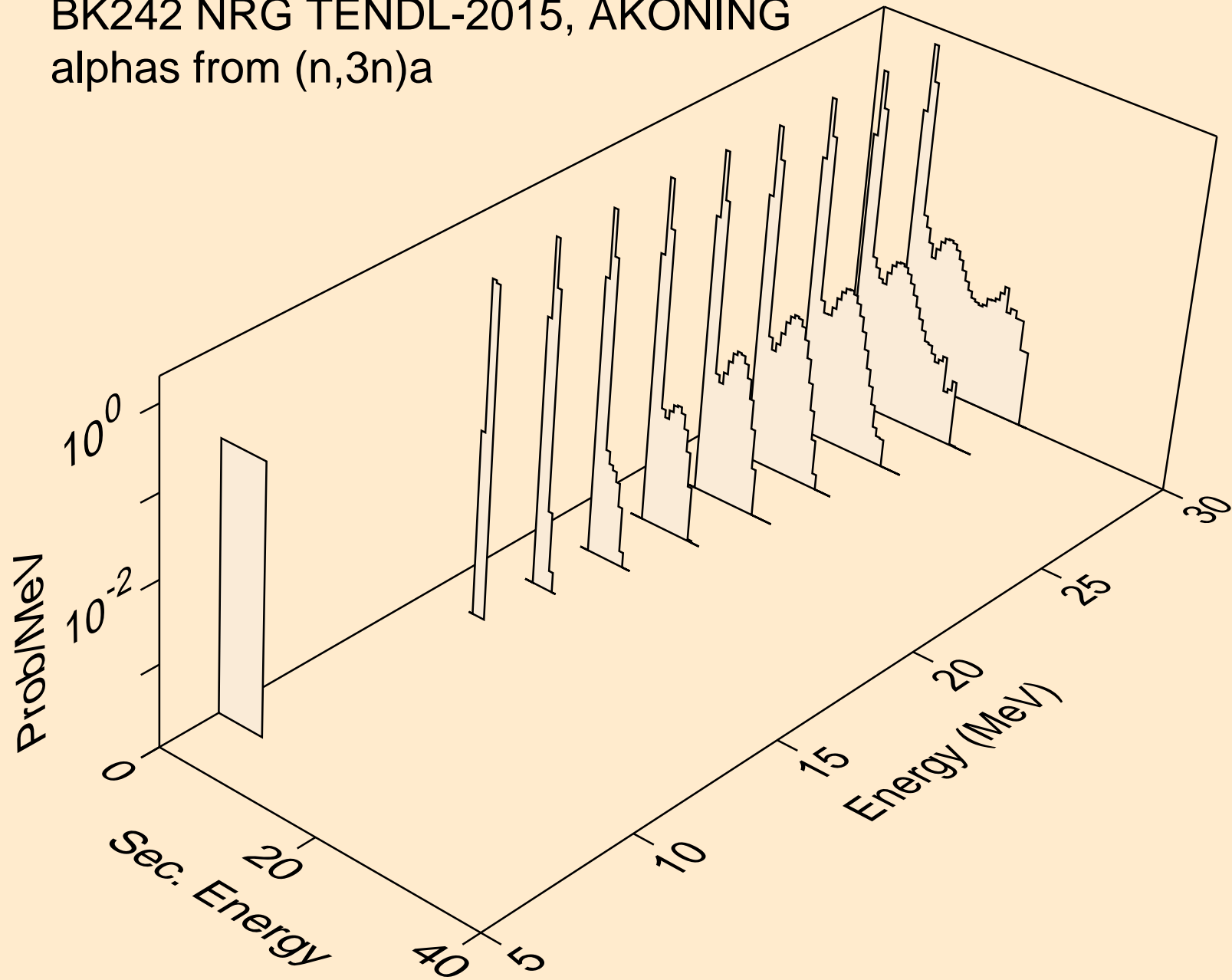
BK242 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



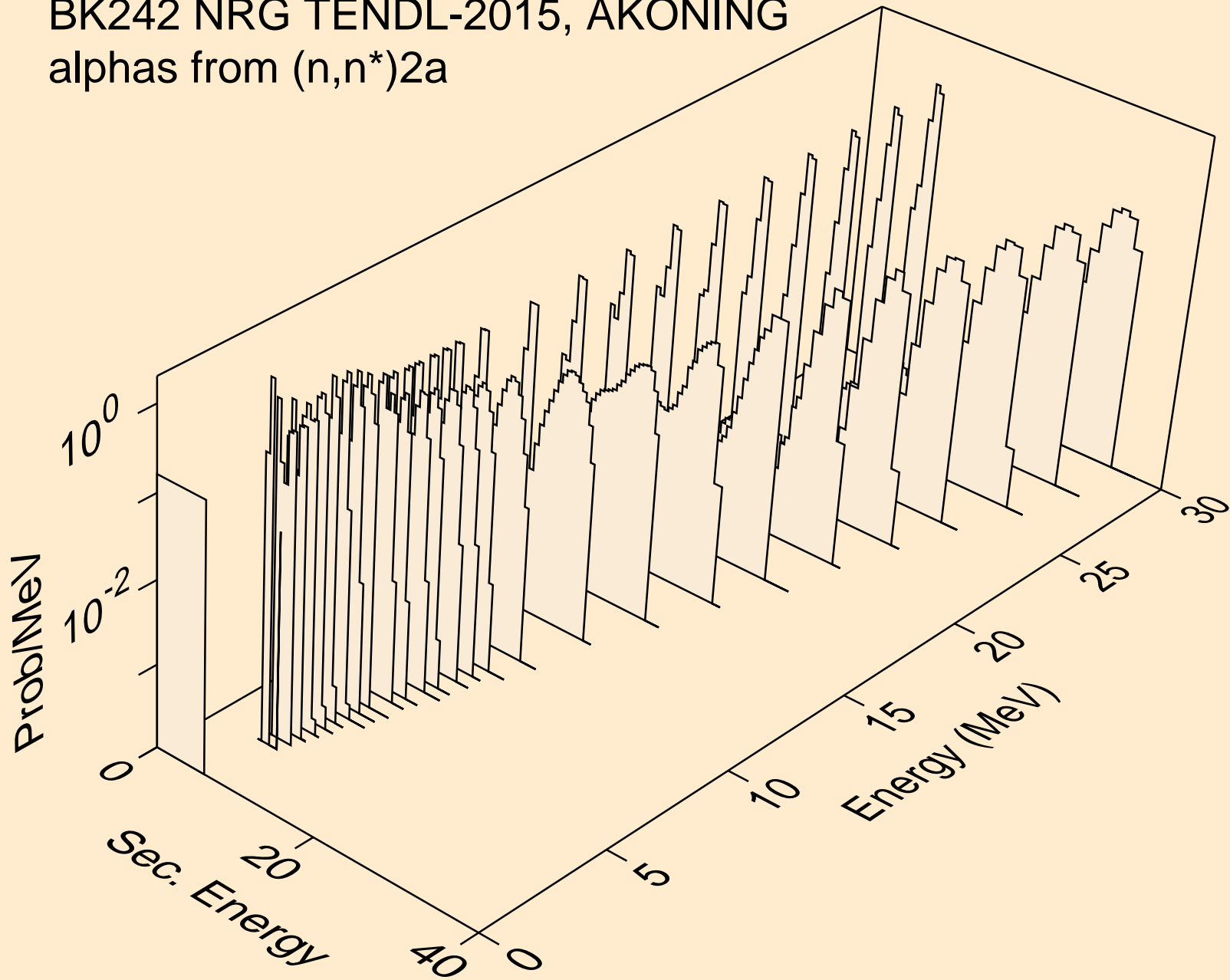
BK242 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



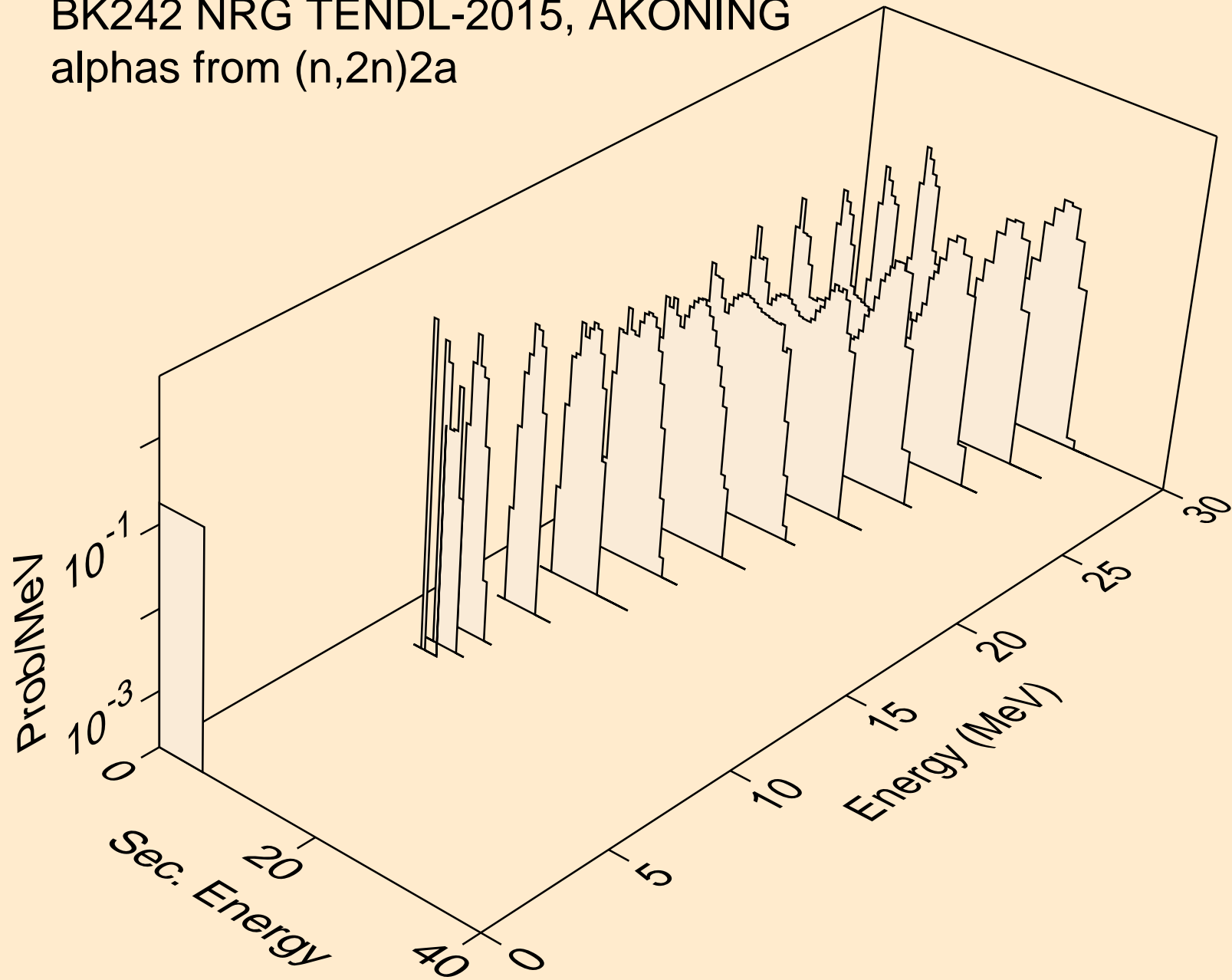
BK242 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



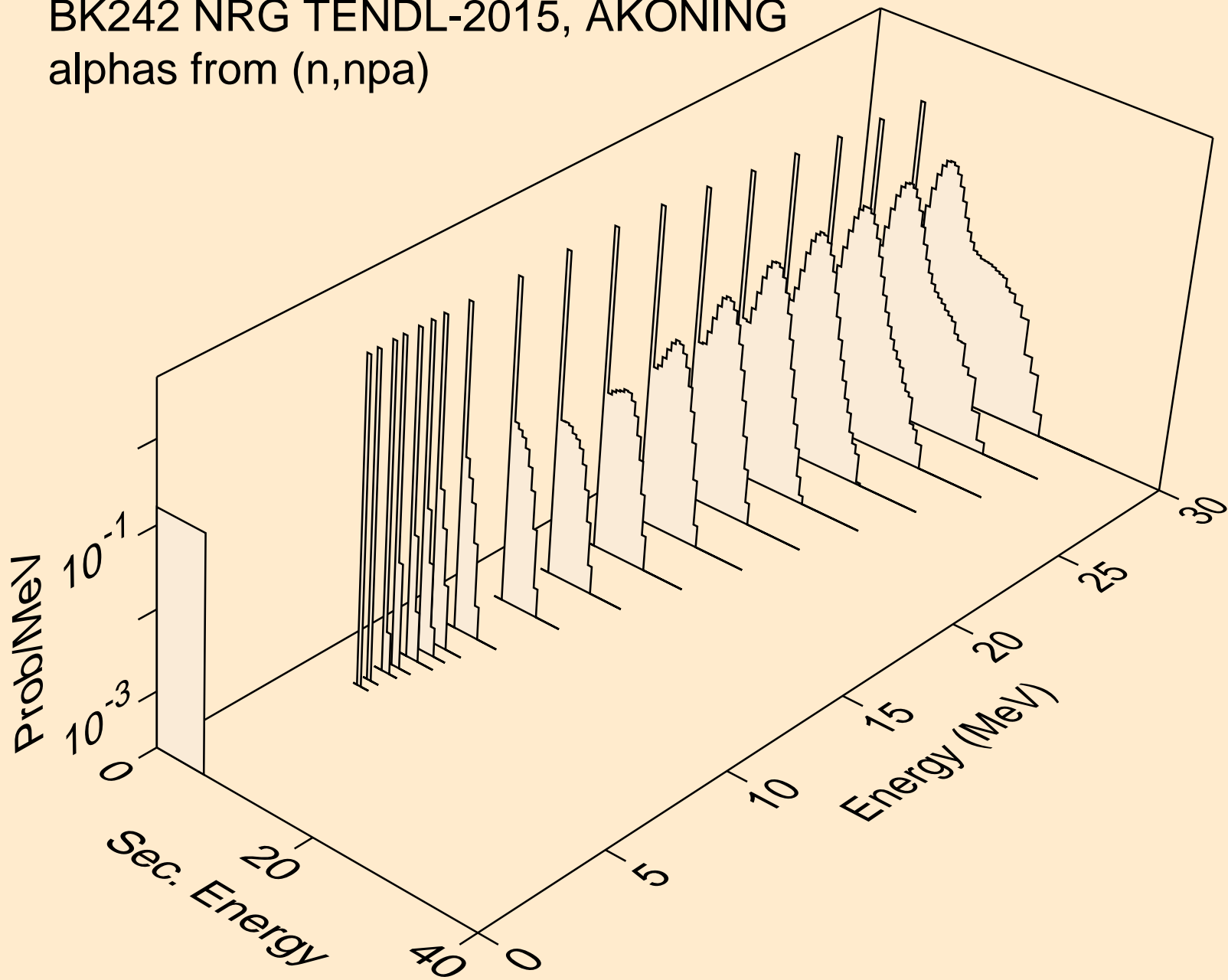
BK242 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



BK242 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a

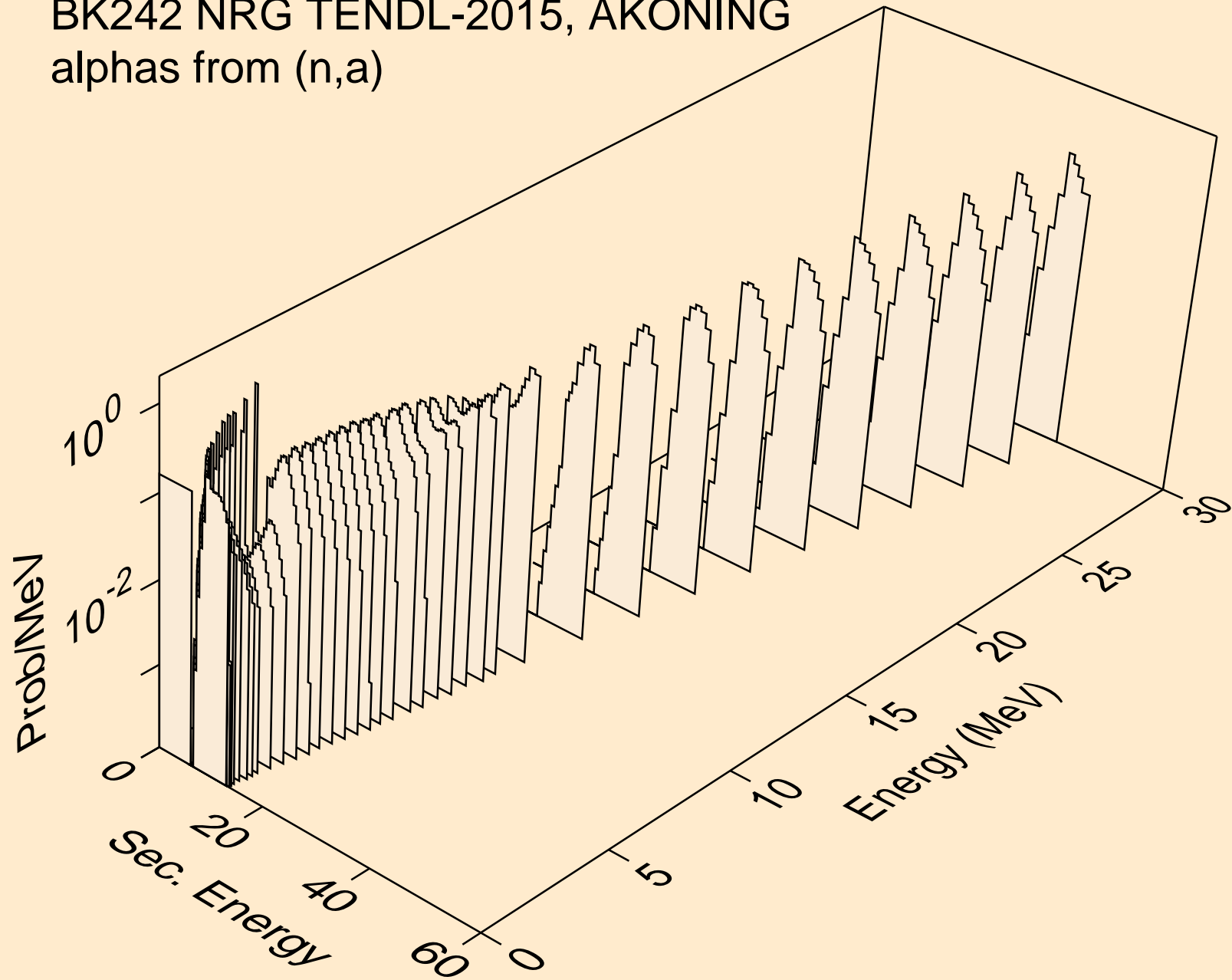


BK242 NRG TENDL-2015, AKONING  
alphas from (n,npa)

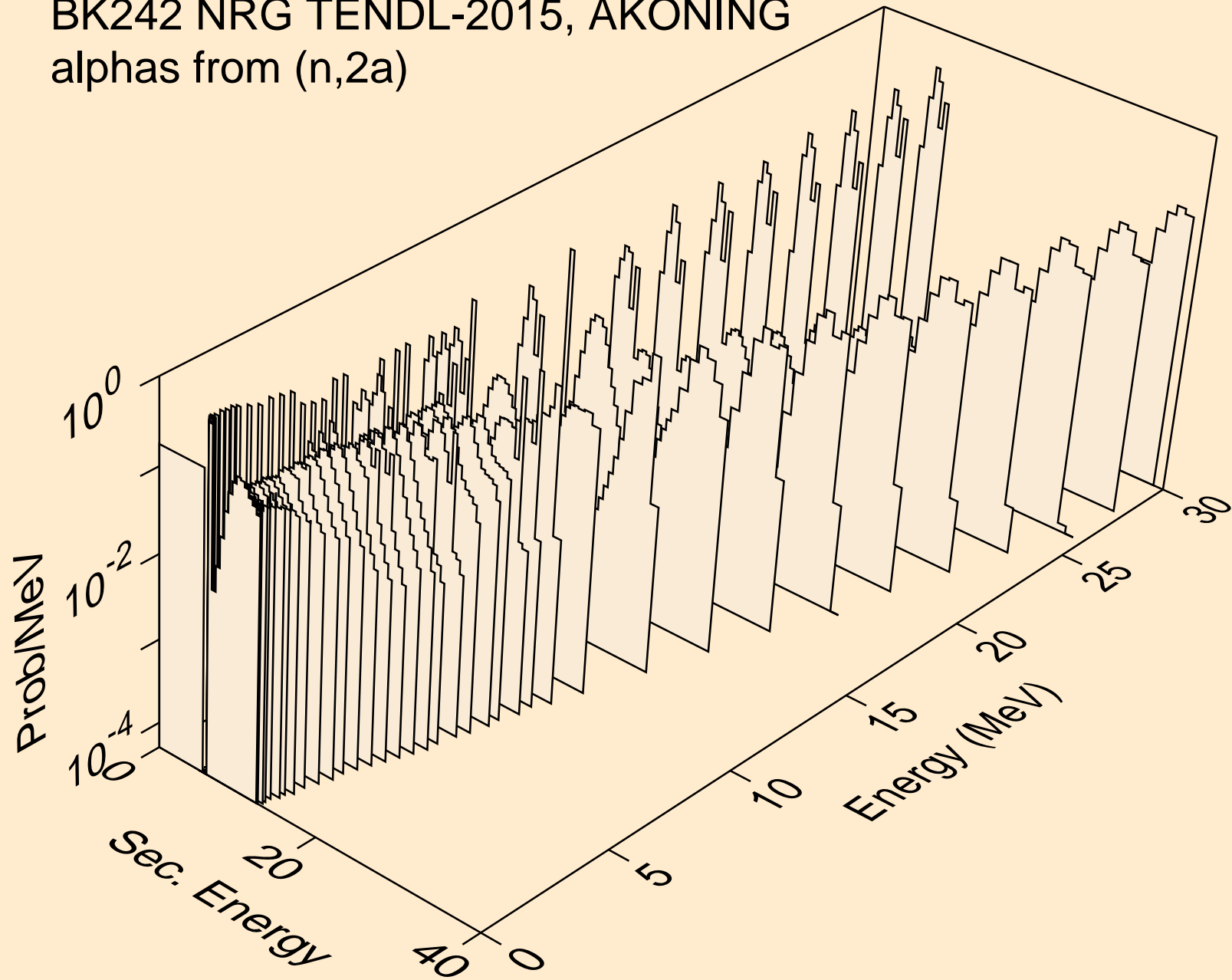




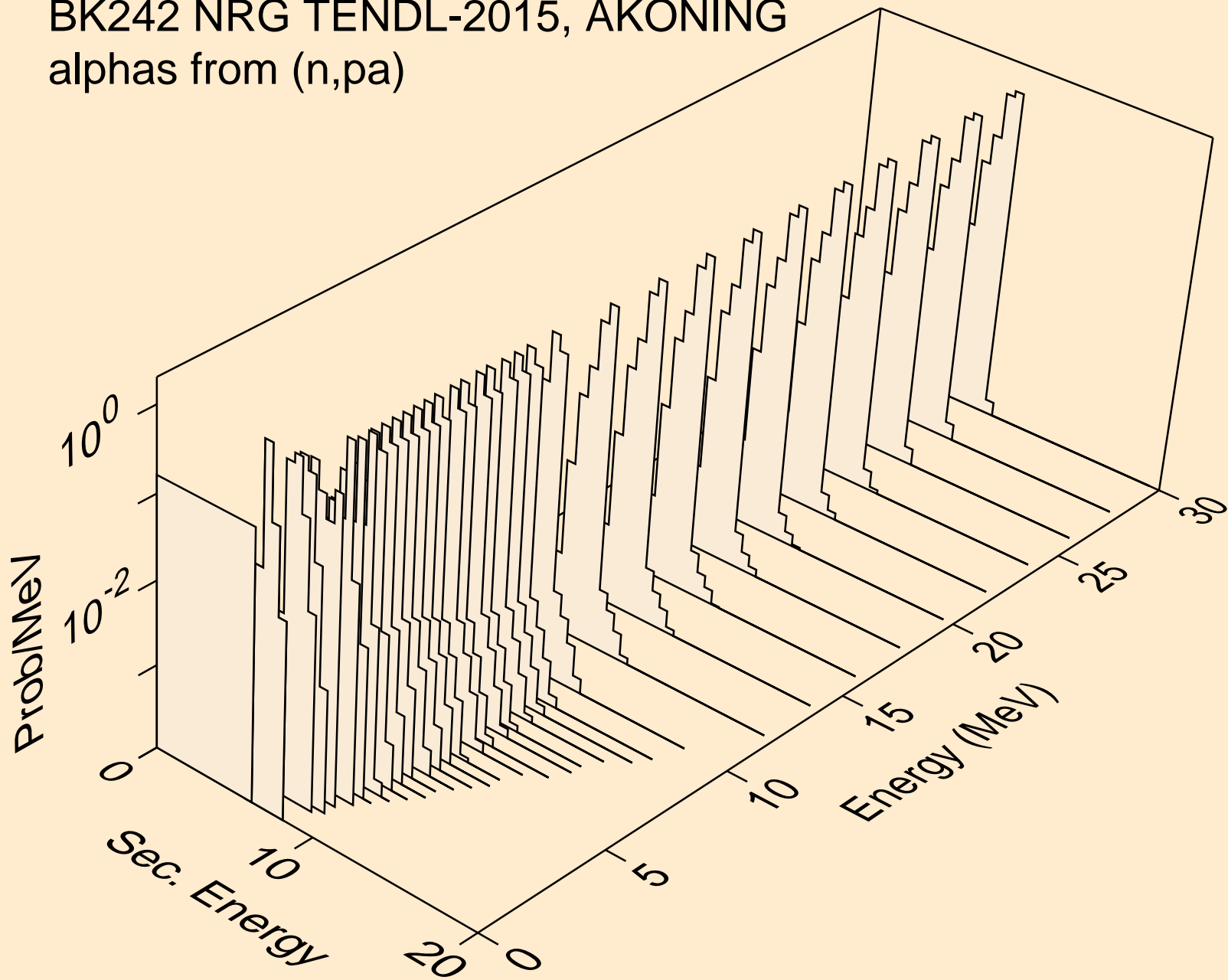
BK242 NRG TENDL-2015, AKONING  
alphas from (n,a)



BK242 NRG TENDL-2015, AKONING  
alphas from (n,2a)



BK242 NRG TENDL-2015, AKONING  
alphas from (n,pa)



BK242 NRG TENDL-2015, AKONING  
alphas from (n,da)

