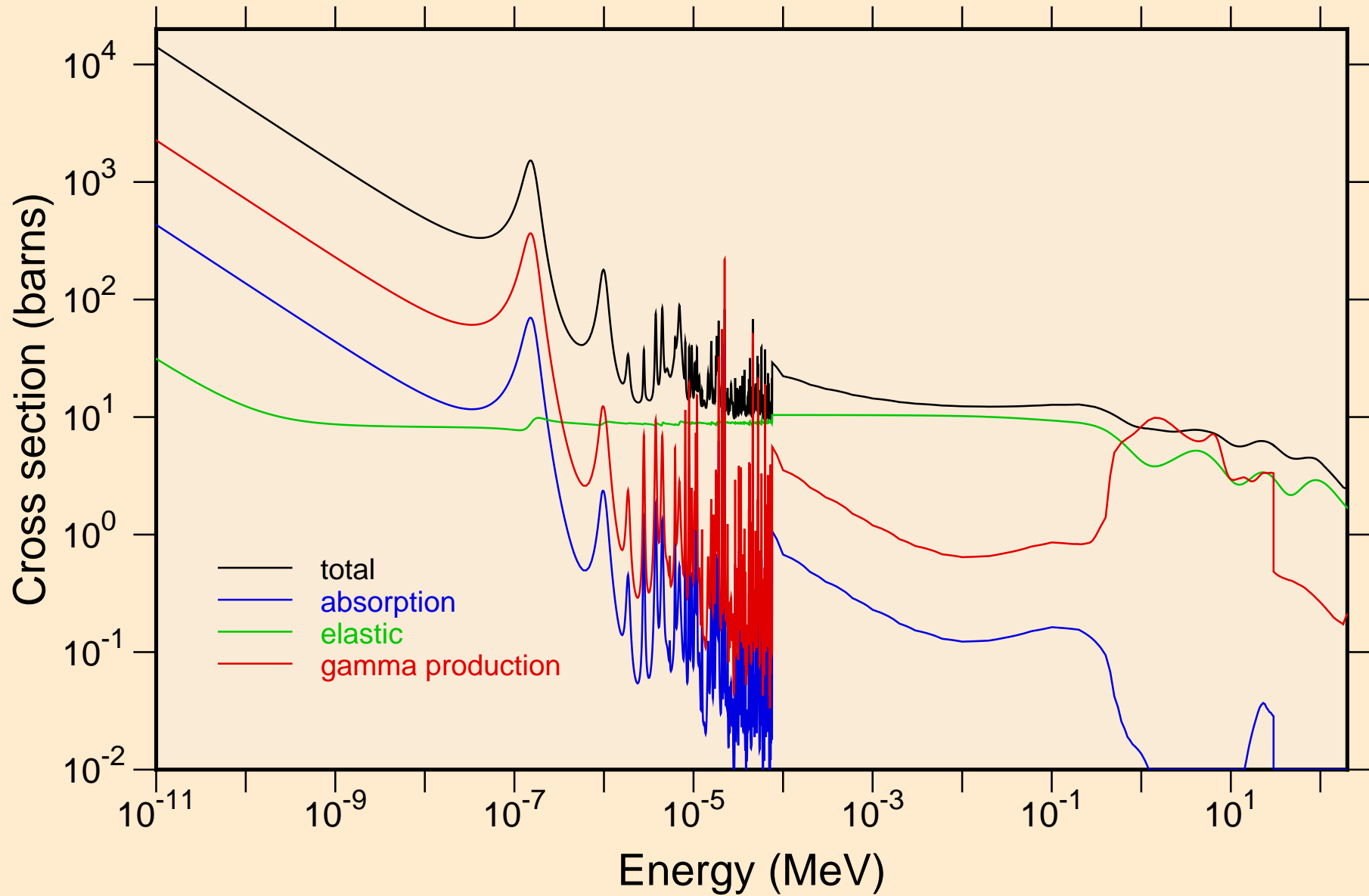
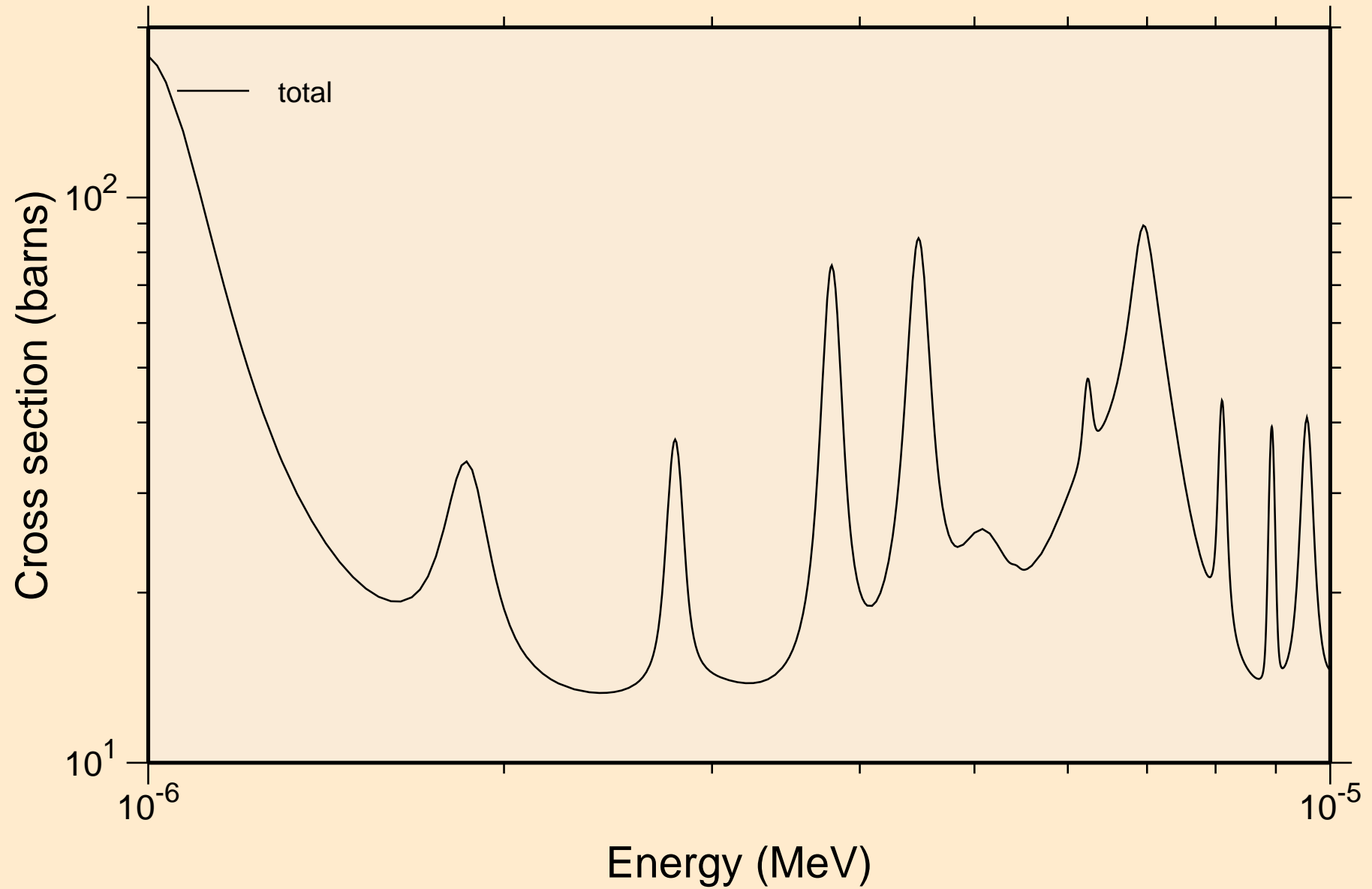


# BK244 NRG TENDL-2015, AKONING

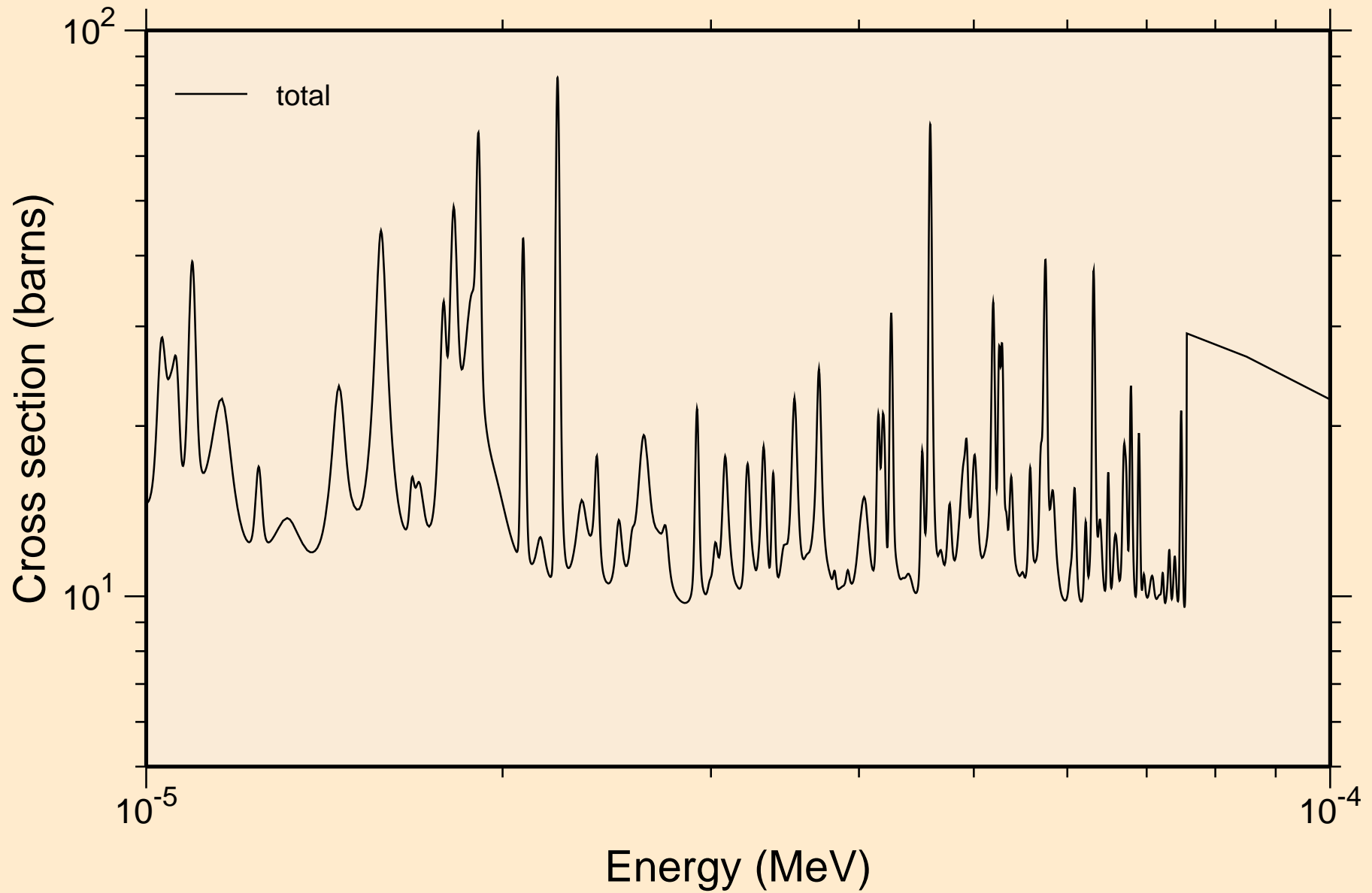
## Principal cross sections



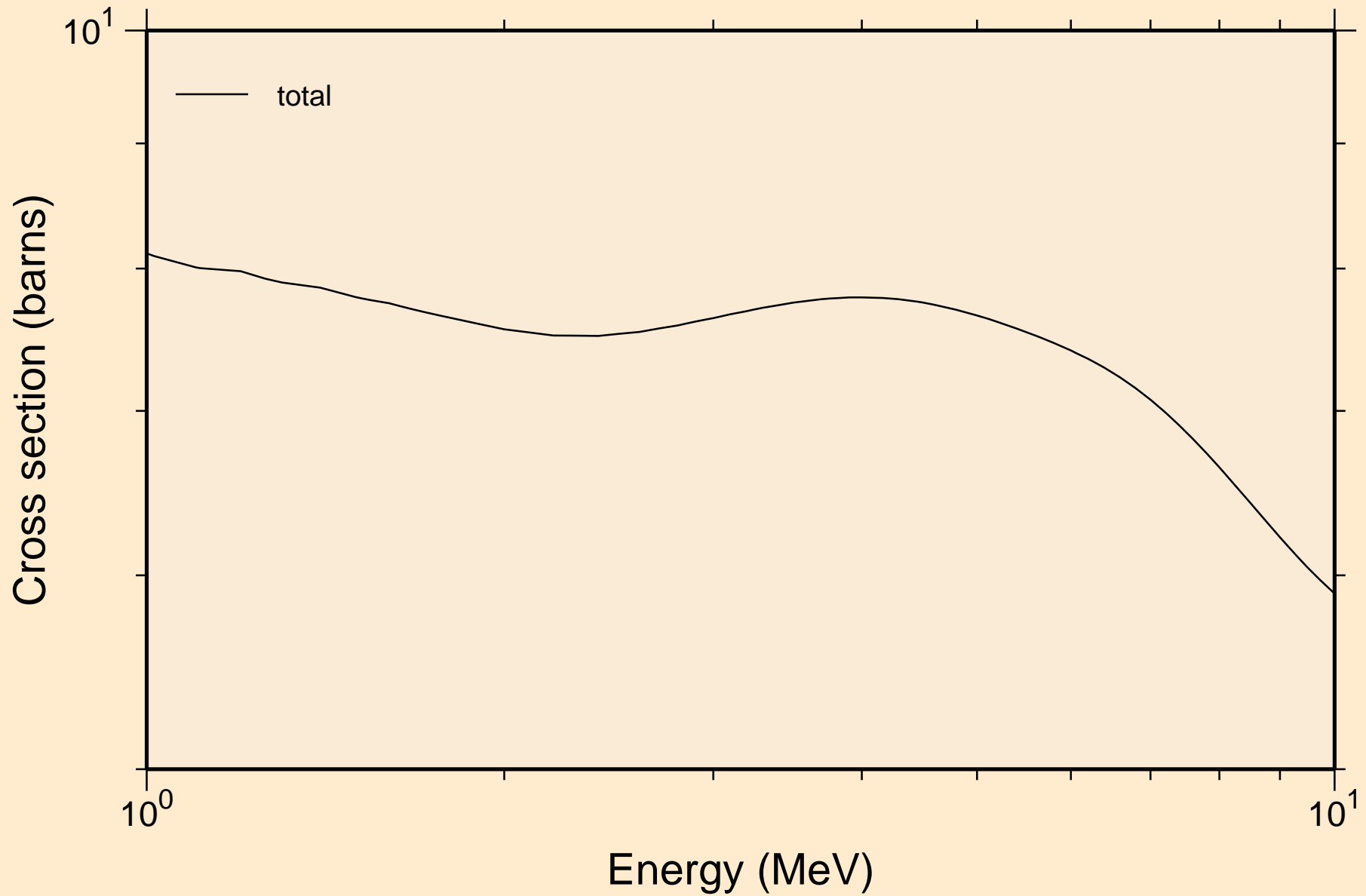
BK244 NRG TENDL-2015, AKONING  
resonance total cross section



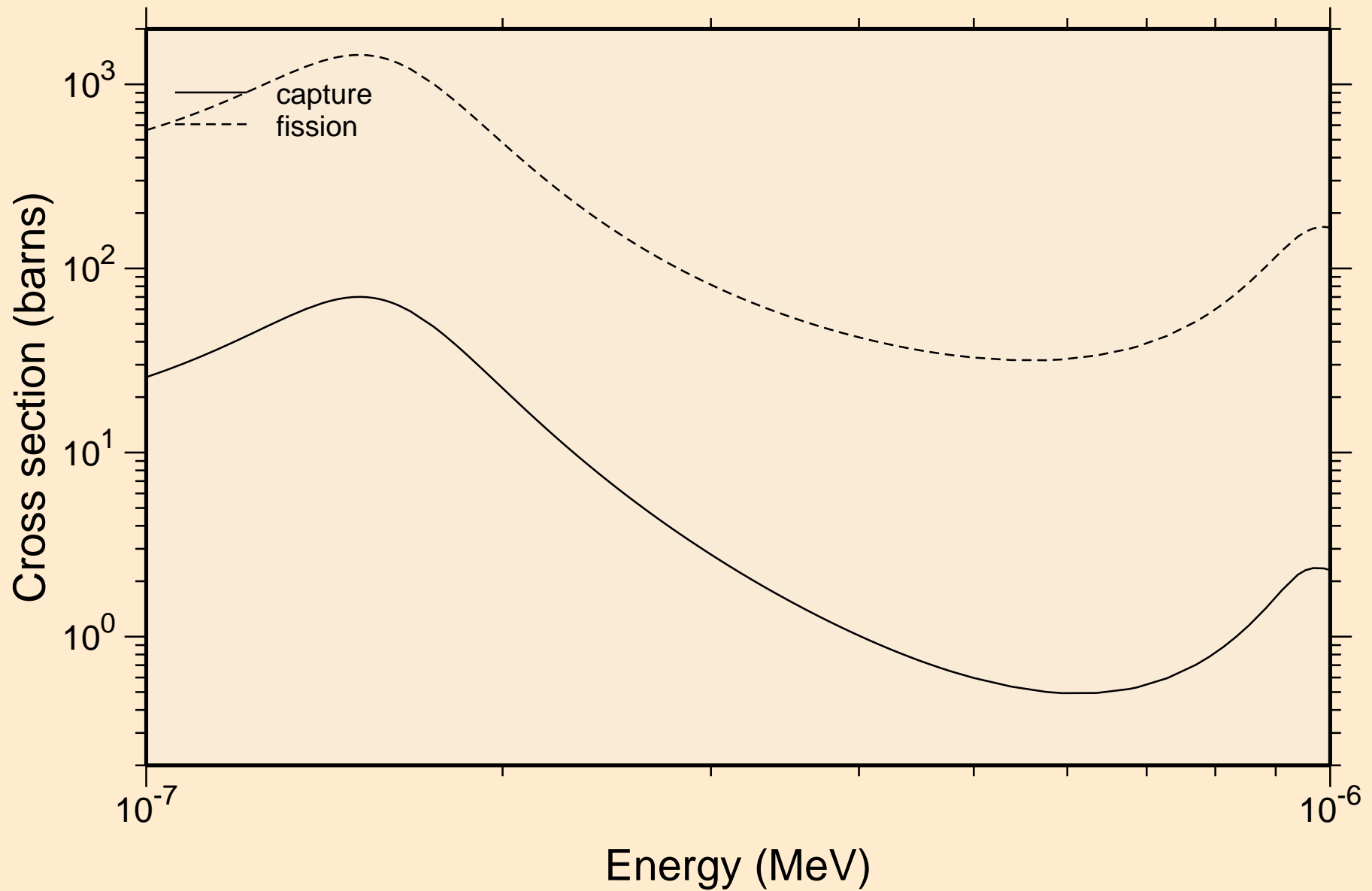
BK244 NRG TENDL-2015, AKONING  
resonance total cross section



BK244 NRG TENDL-2015, AKONING  
resonance total cross section

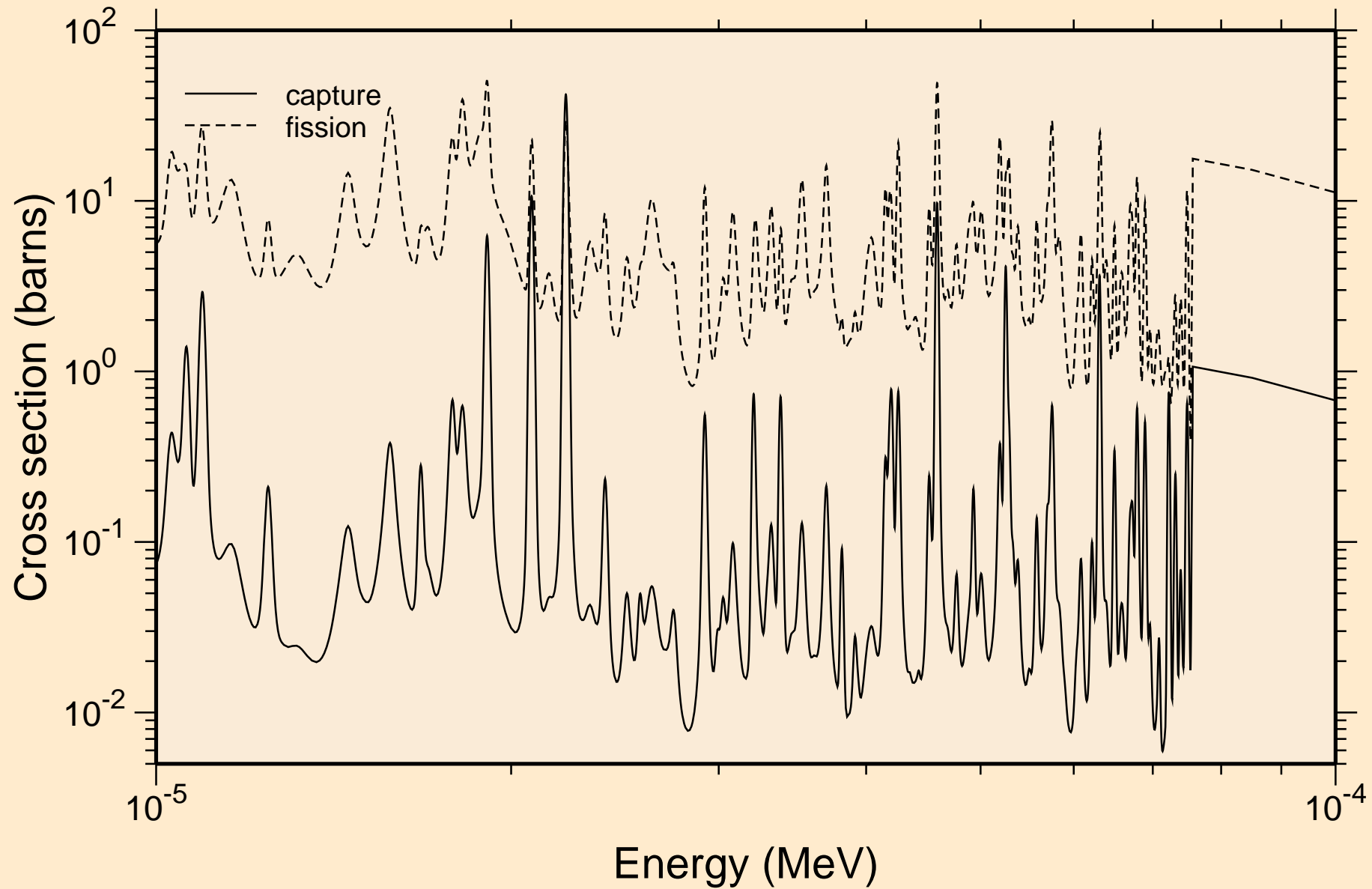


BK244 NRG TENDL-2015, AKONING  
resonance absorption cross sections

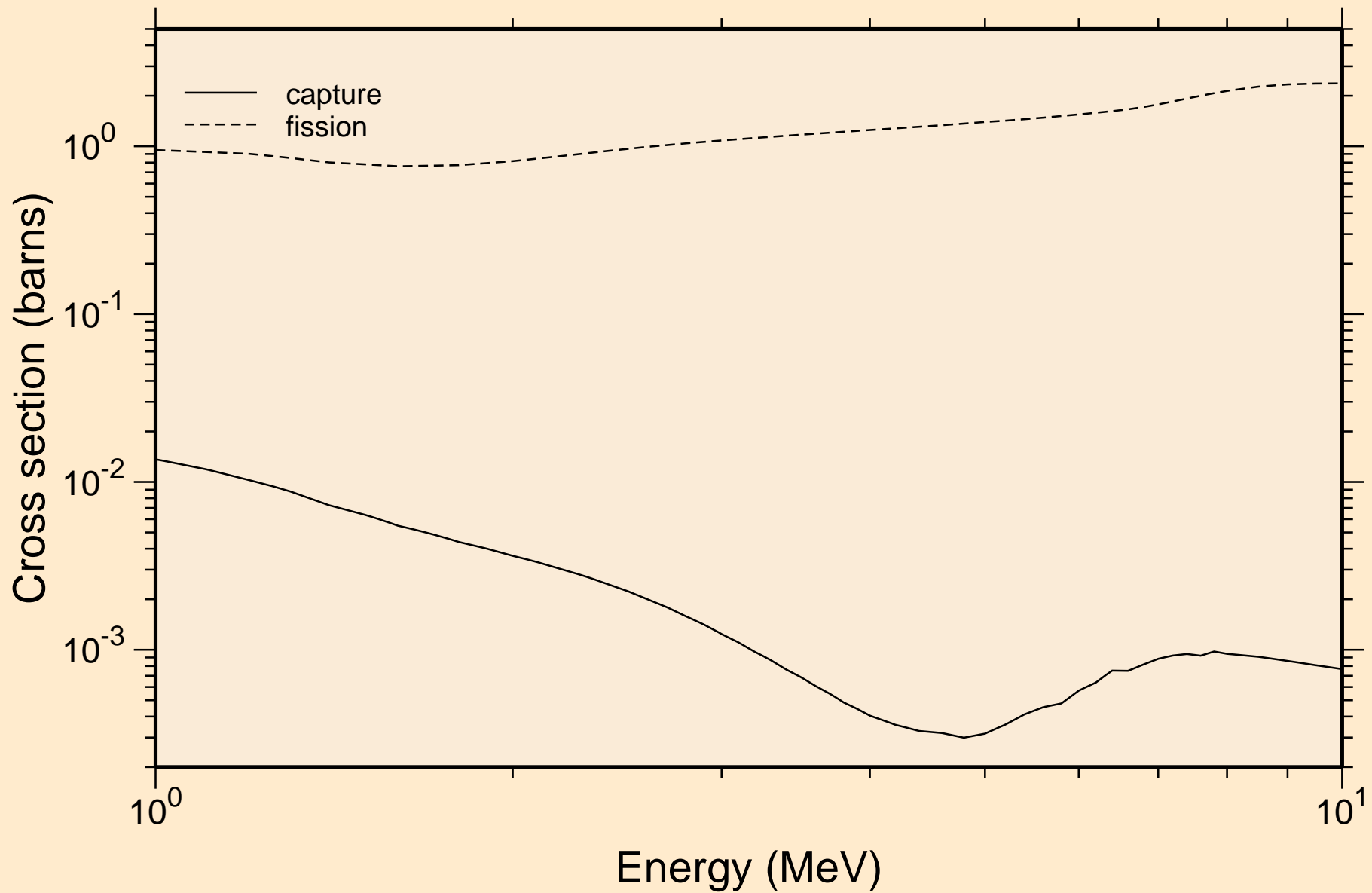




# BK244 NRG TENDL-2015, AKONING resonance absorption cross sections



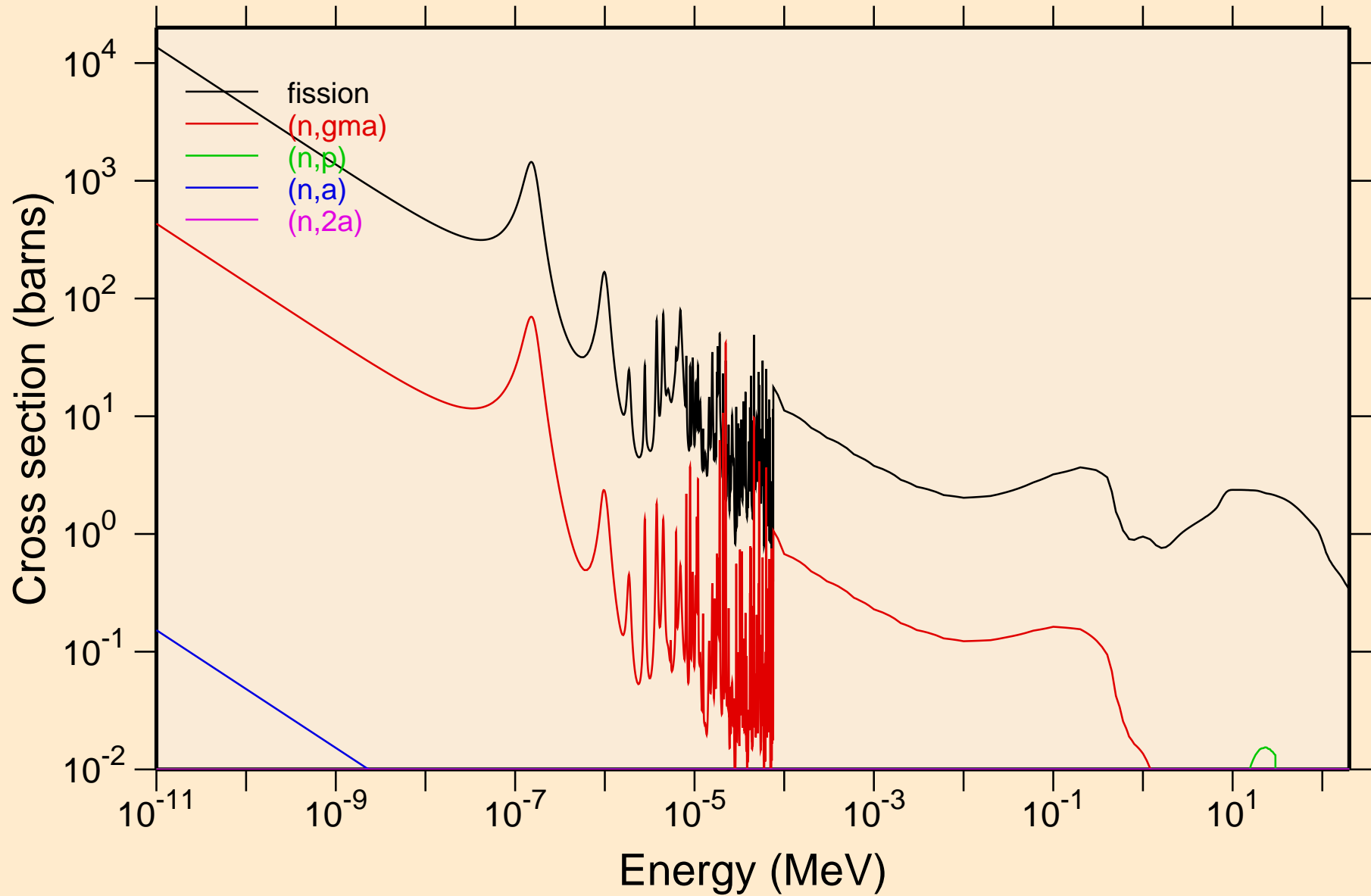
BK244 NRG TENDL-2015, AKONING  
resonance absorption cross sections





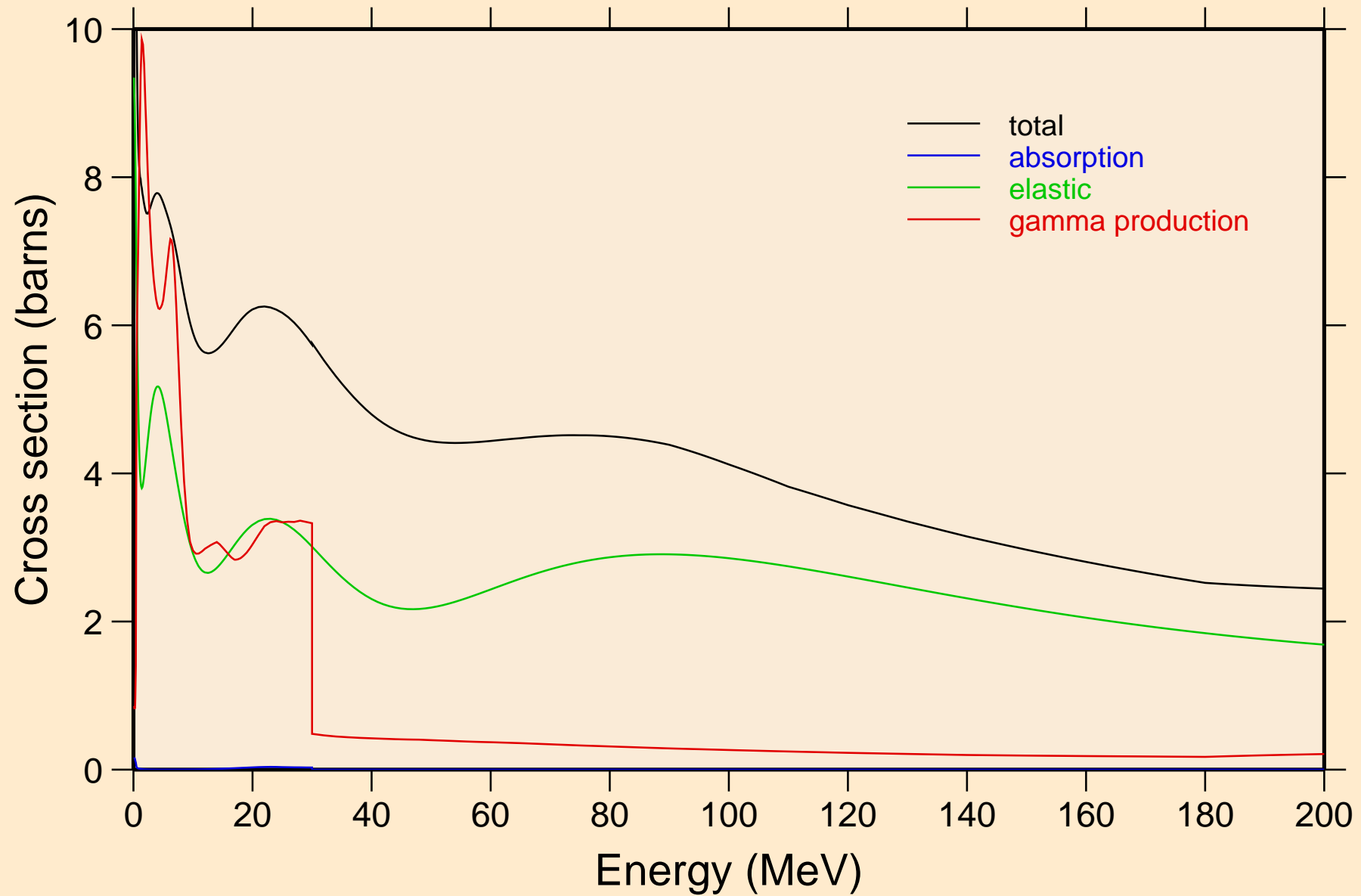
# BK244 NRG TENDL-2015, AKONING

## Non-threshold reactions



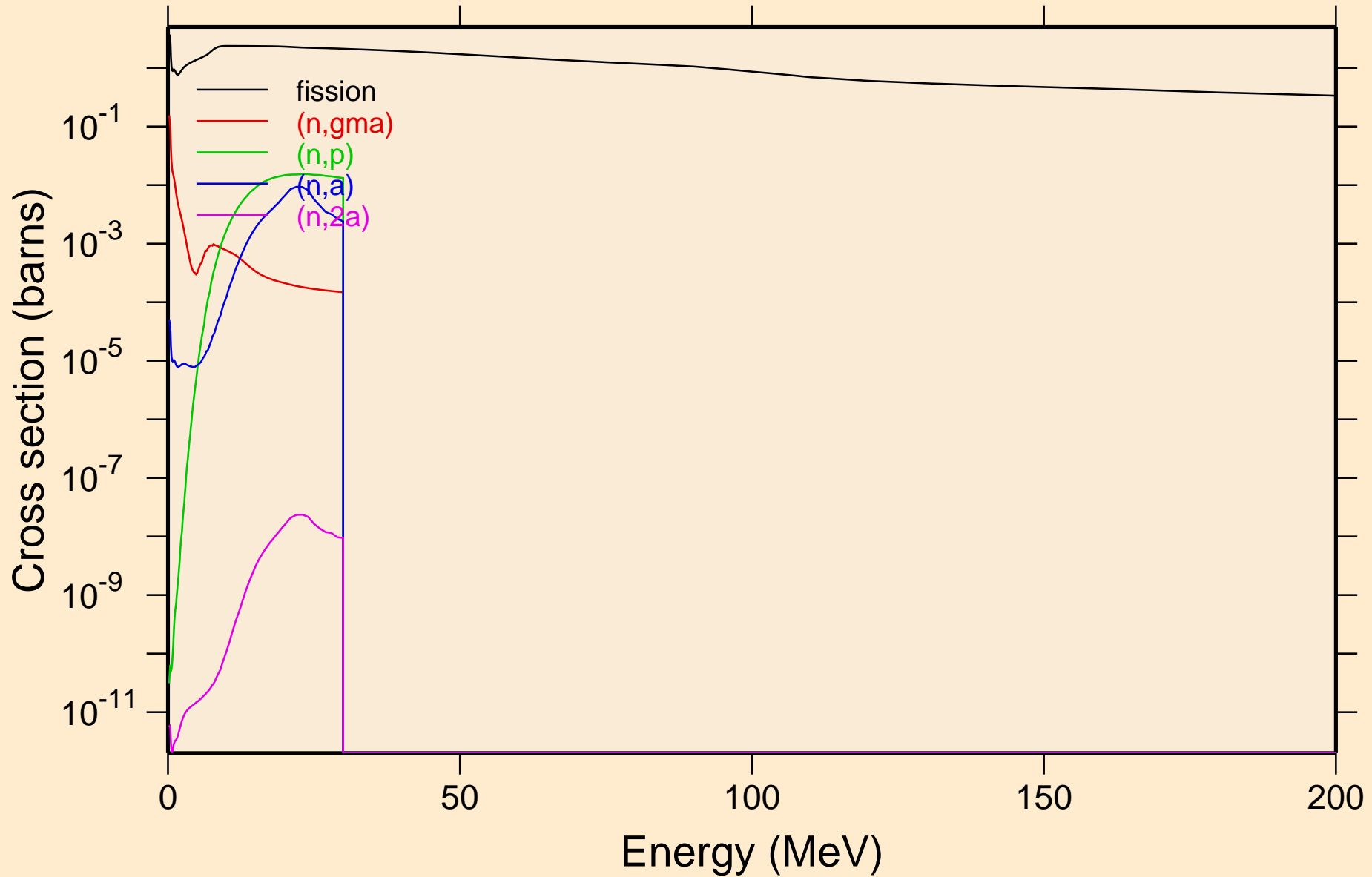
# BK244 NRG TENDL-2015, AKONING

## Principal cross sections



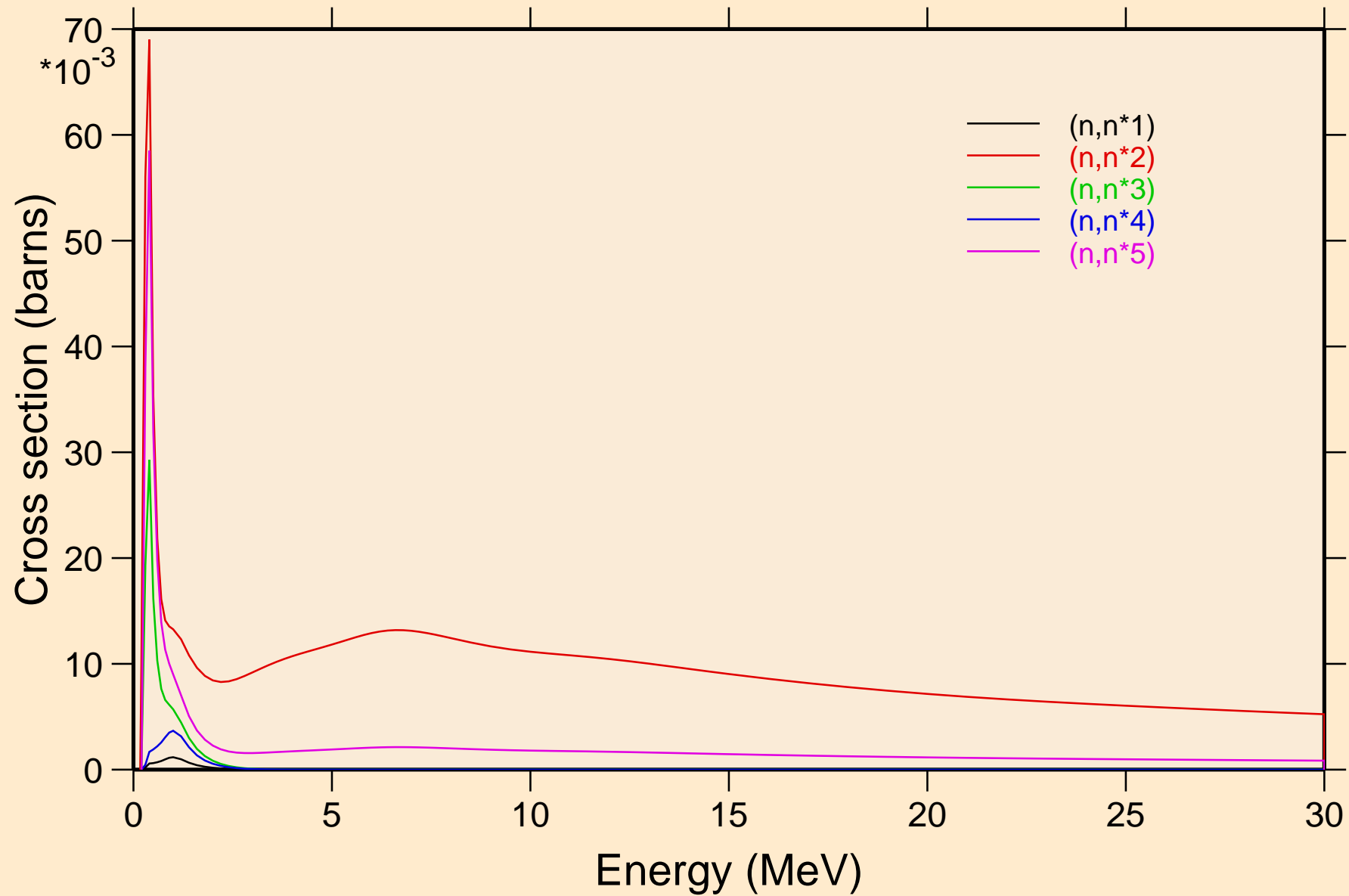
# BK244 NRG TENDL-2015, AKONING

## Non-threshold reactions



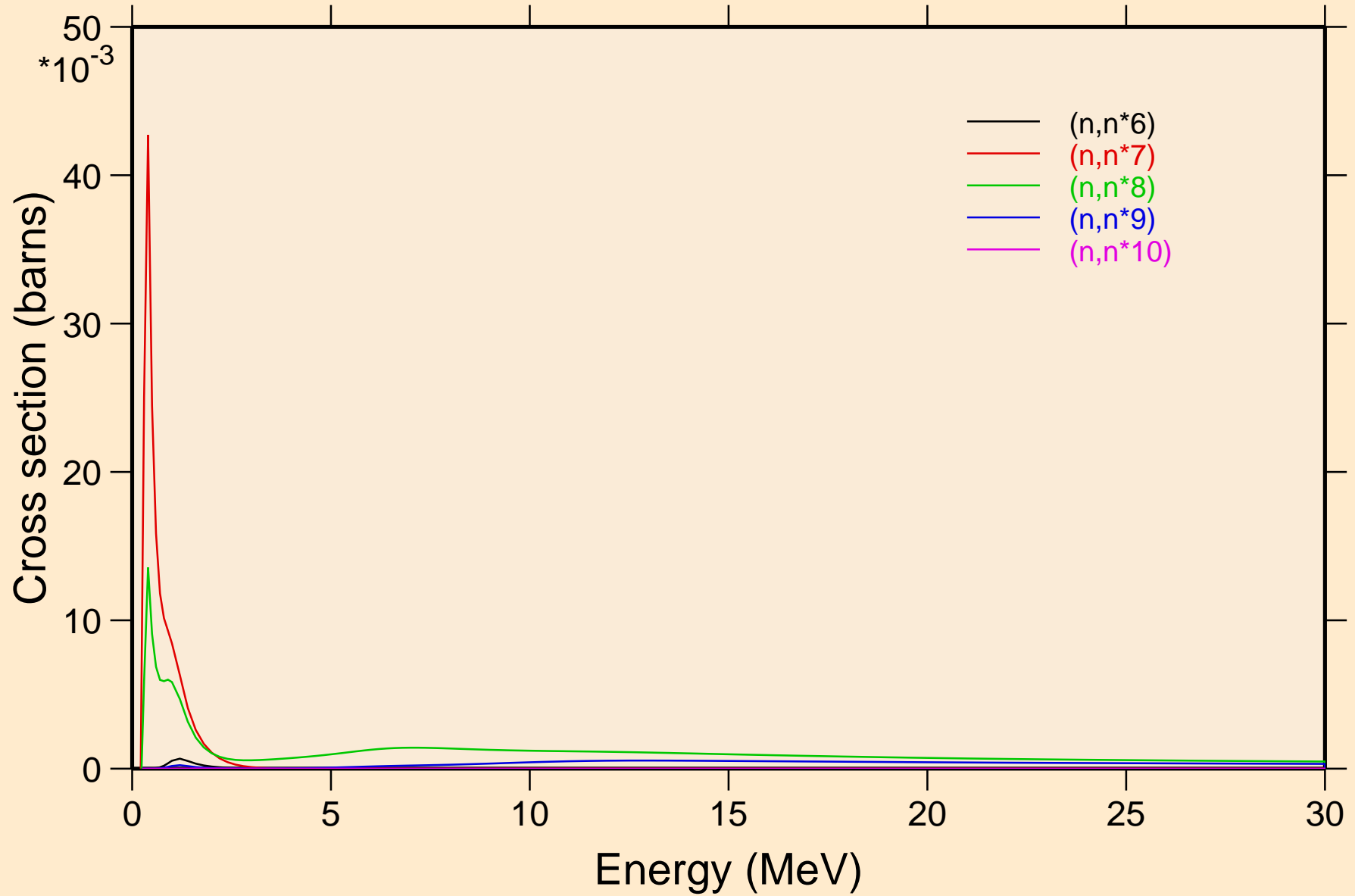
# BK244 NRG TENDL-2015, AKONING

## Inelastic levels



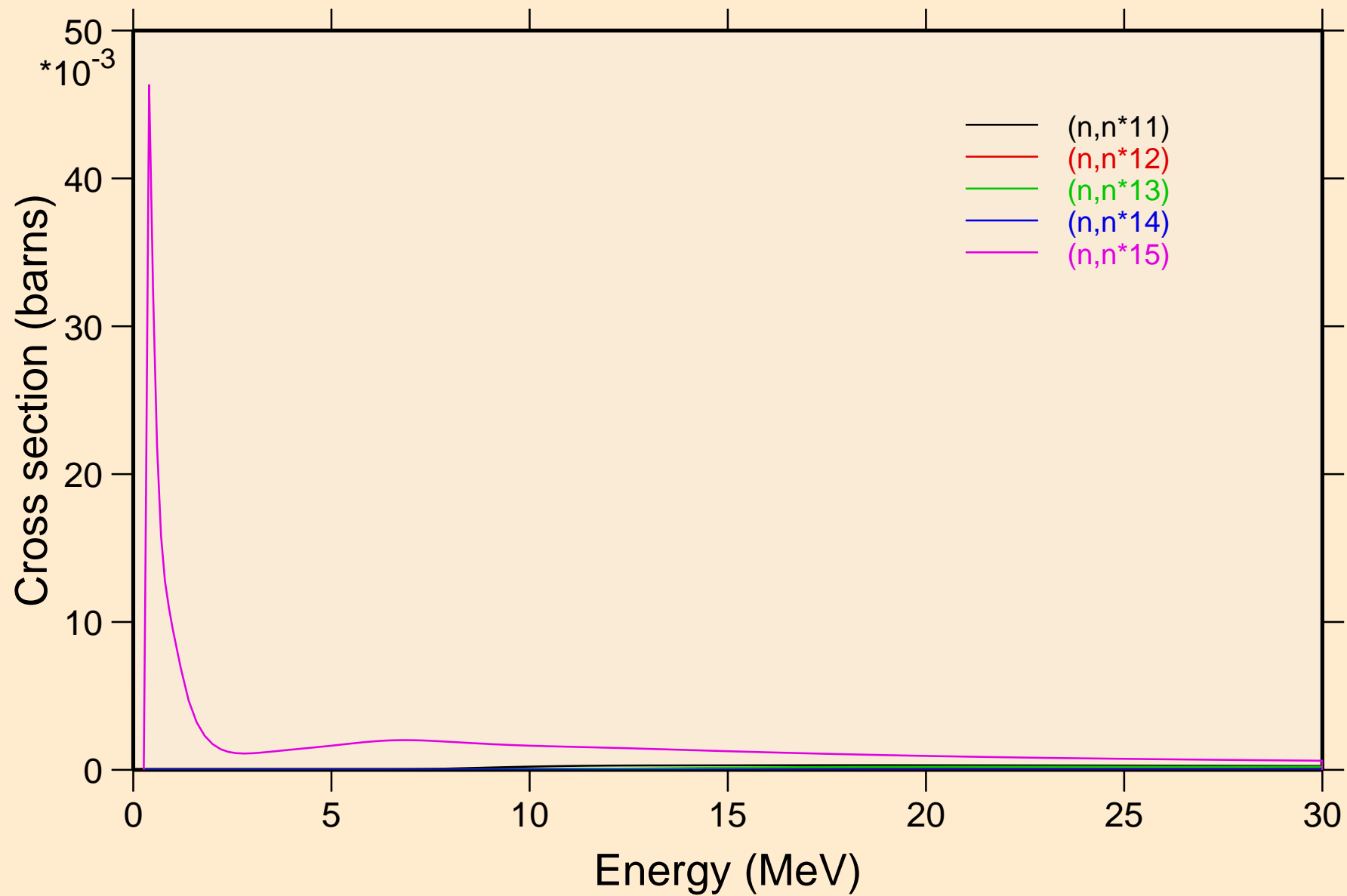
# BK244 NRG TENDL-2015, AKONING

## Inelastic levels



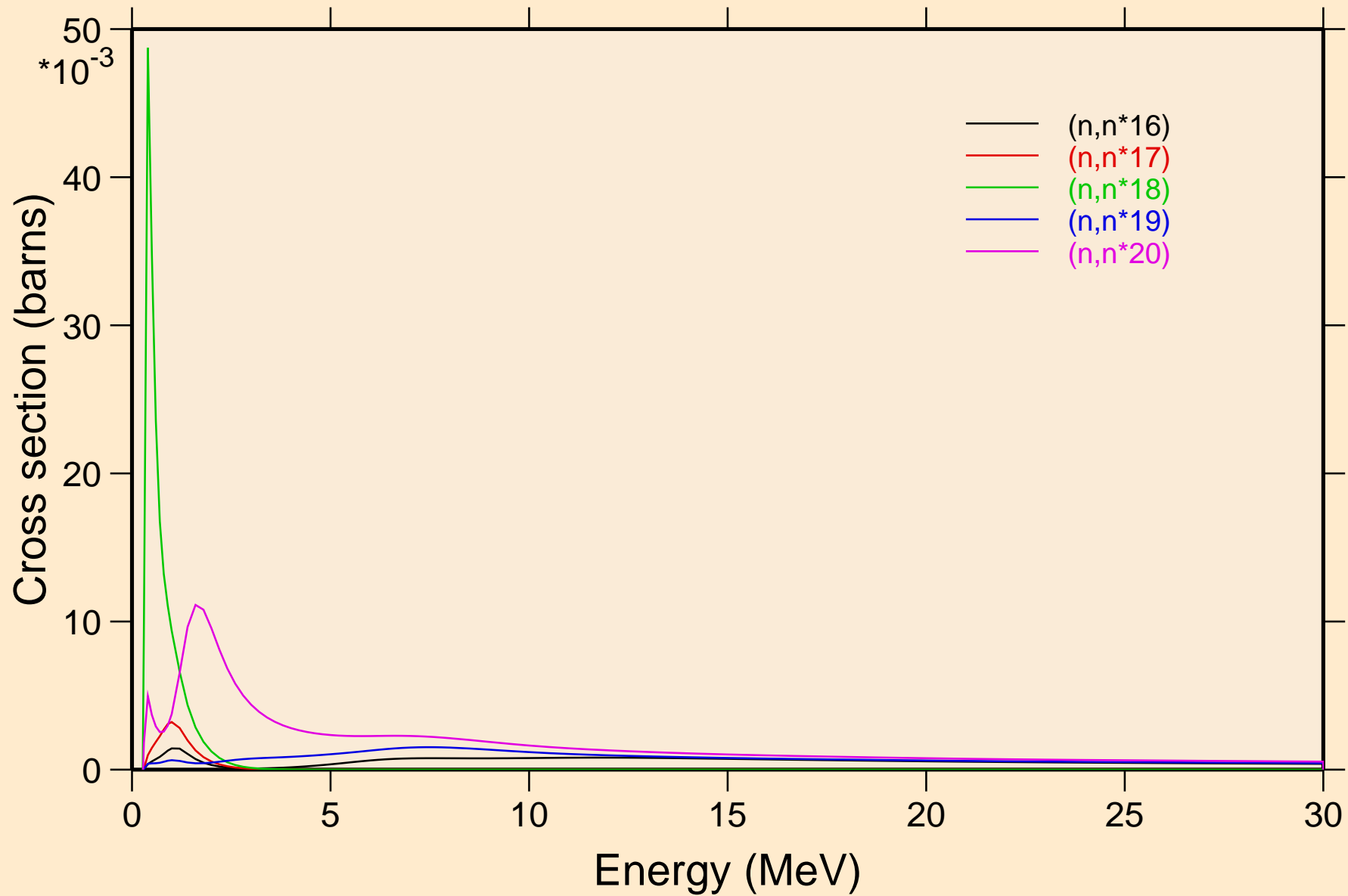
# BK244 NRG TENDL-2015, AKONING

## Inelastic levels



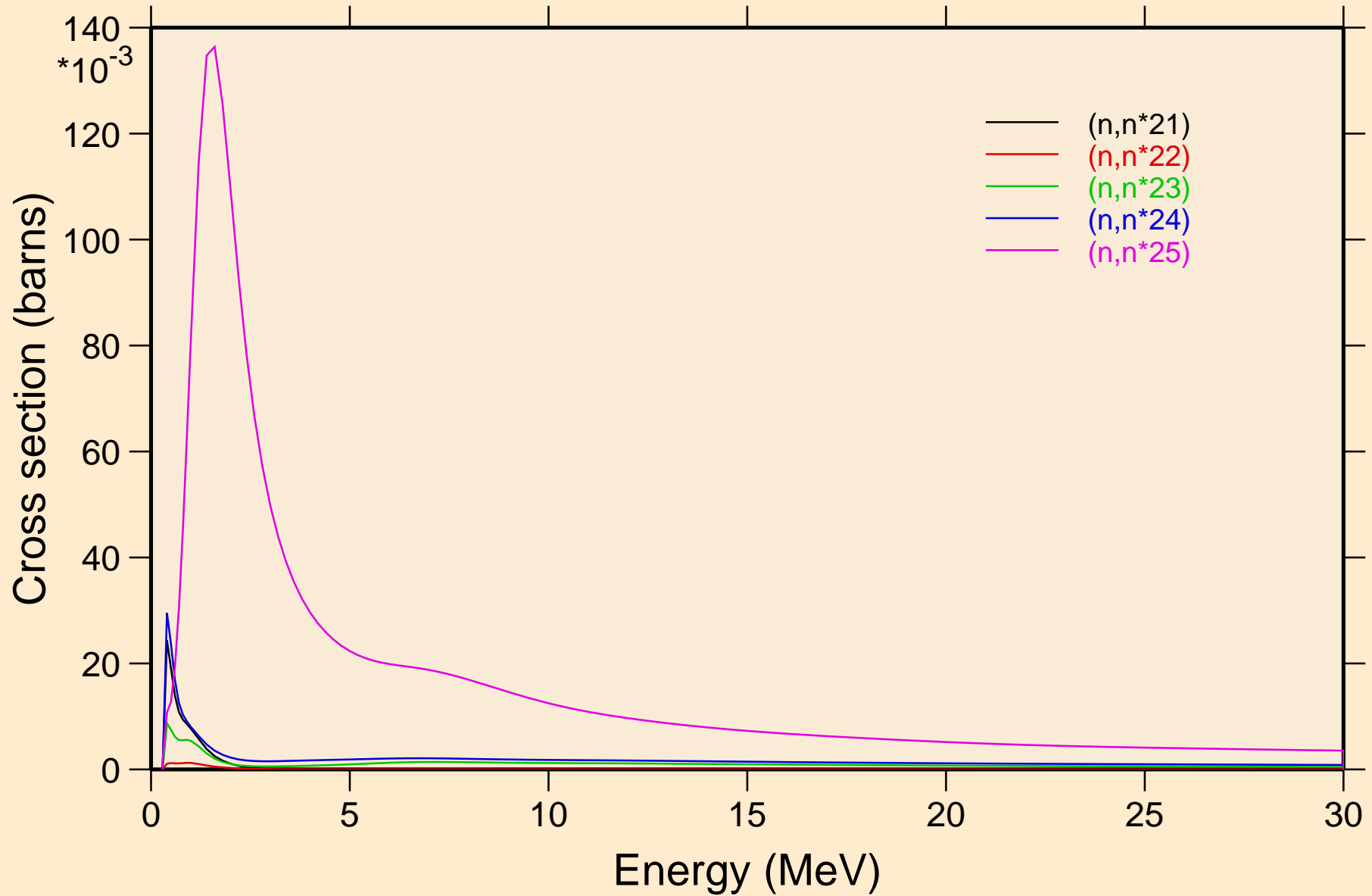
# BK244 NRG TENDL-2015, AKONING

## Inelastic levels



# BK244 NRG TENDL-2015, AKONING

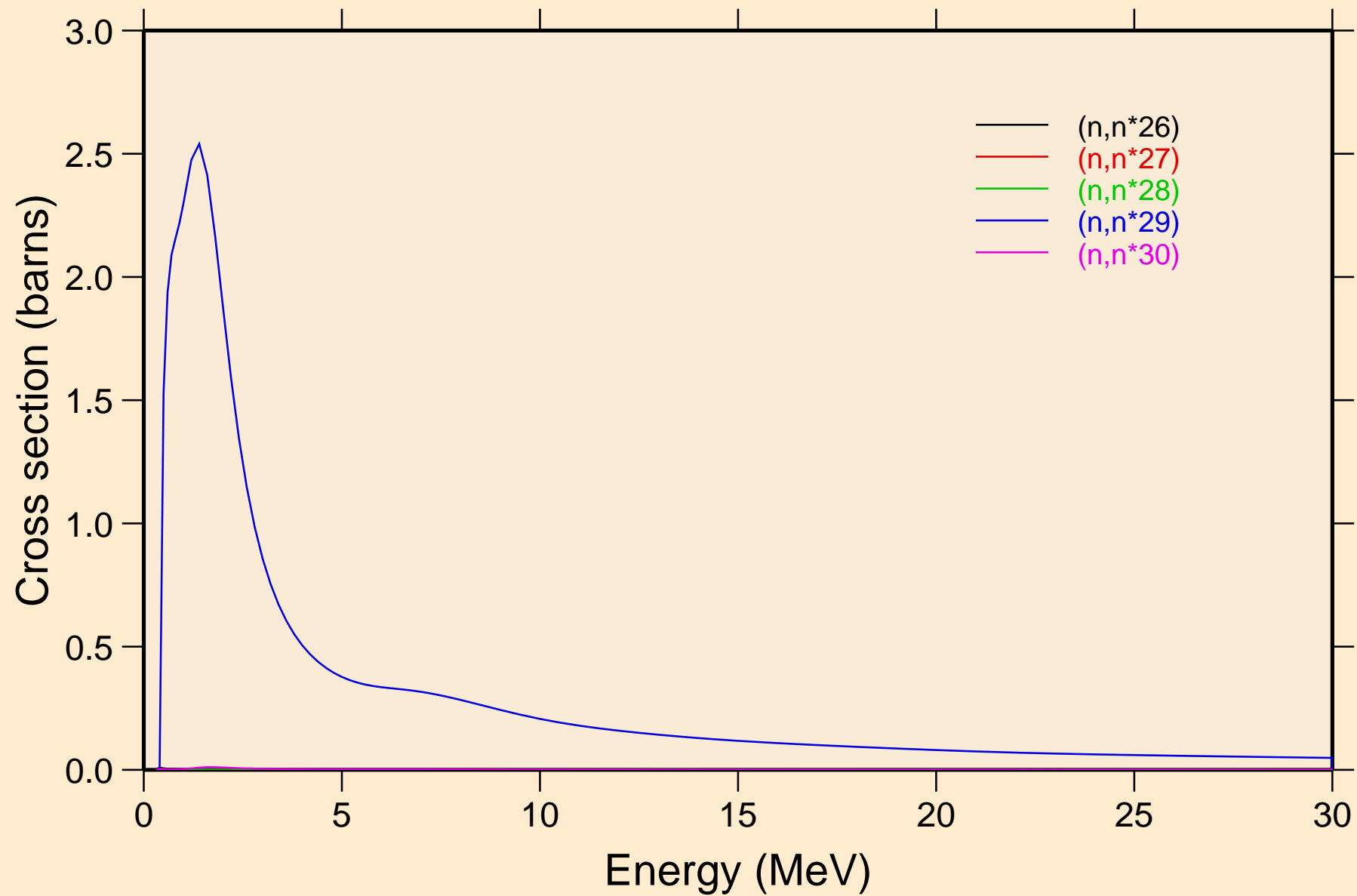
## Inelastic levels





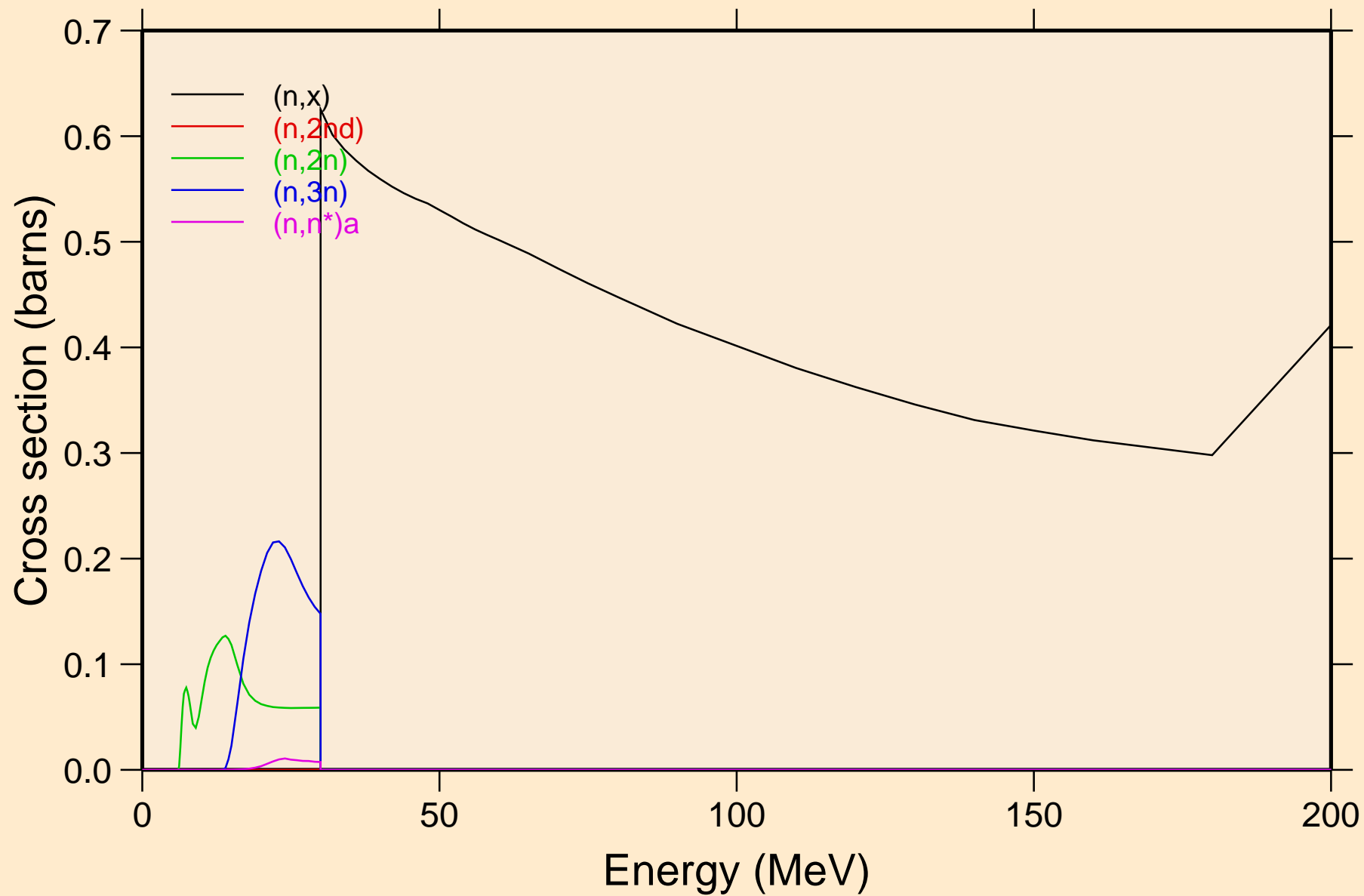
# BK244 NRG TENDL-2015, AKONING

## Inelastic levels



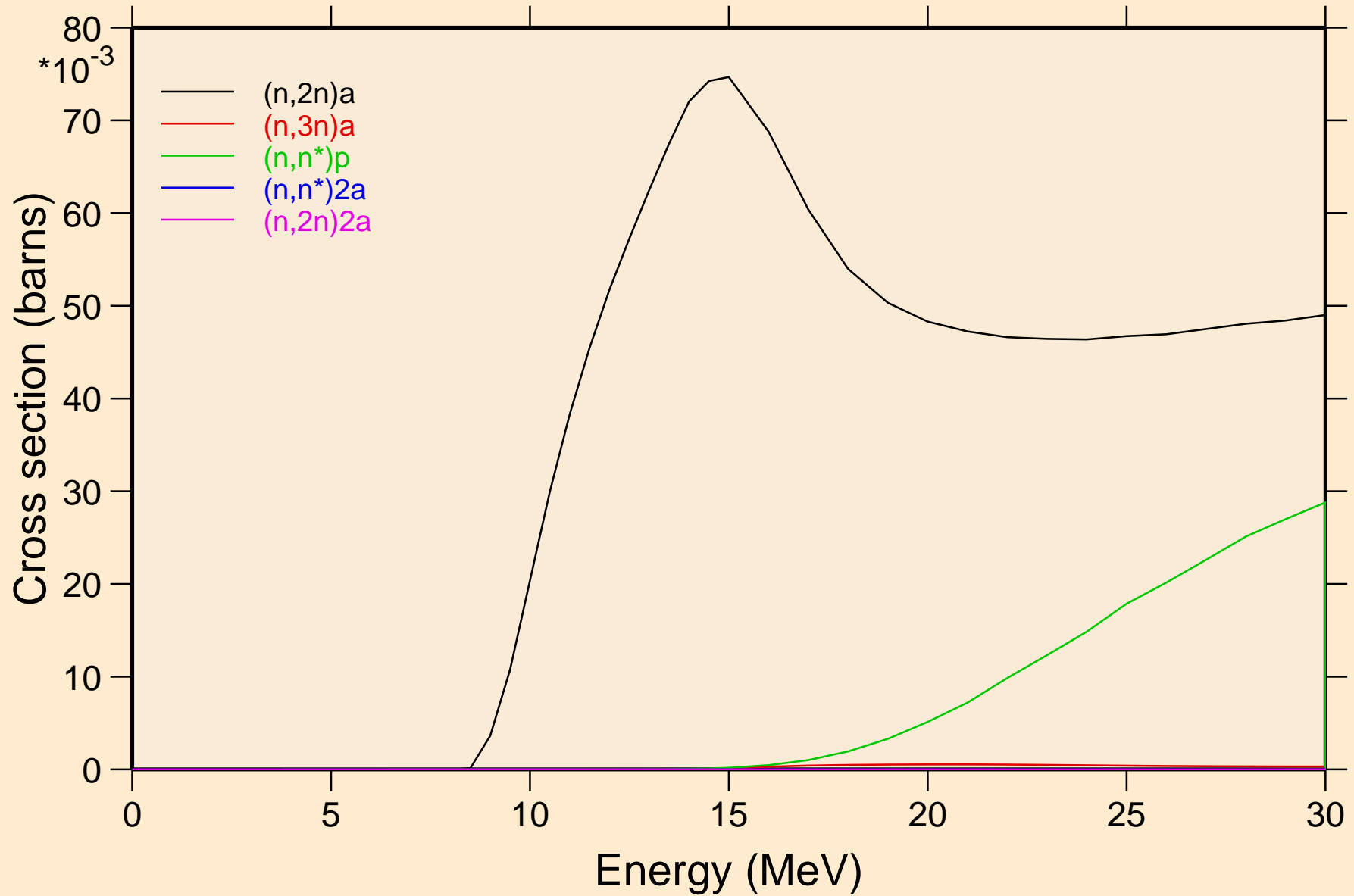
# BK244 NRG TENDL-2015, AKONING

## Threshold reactions



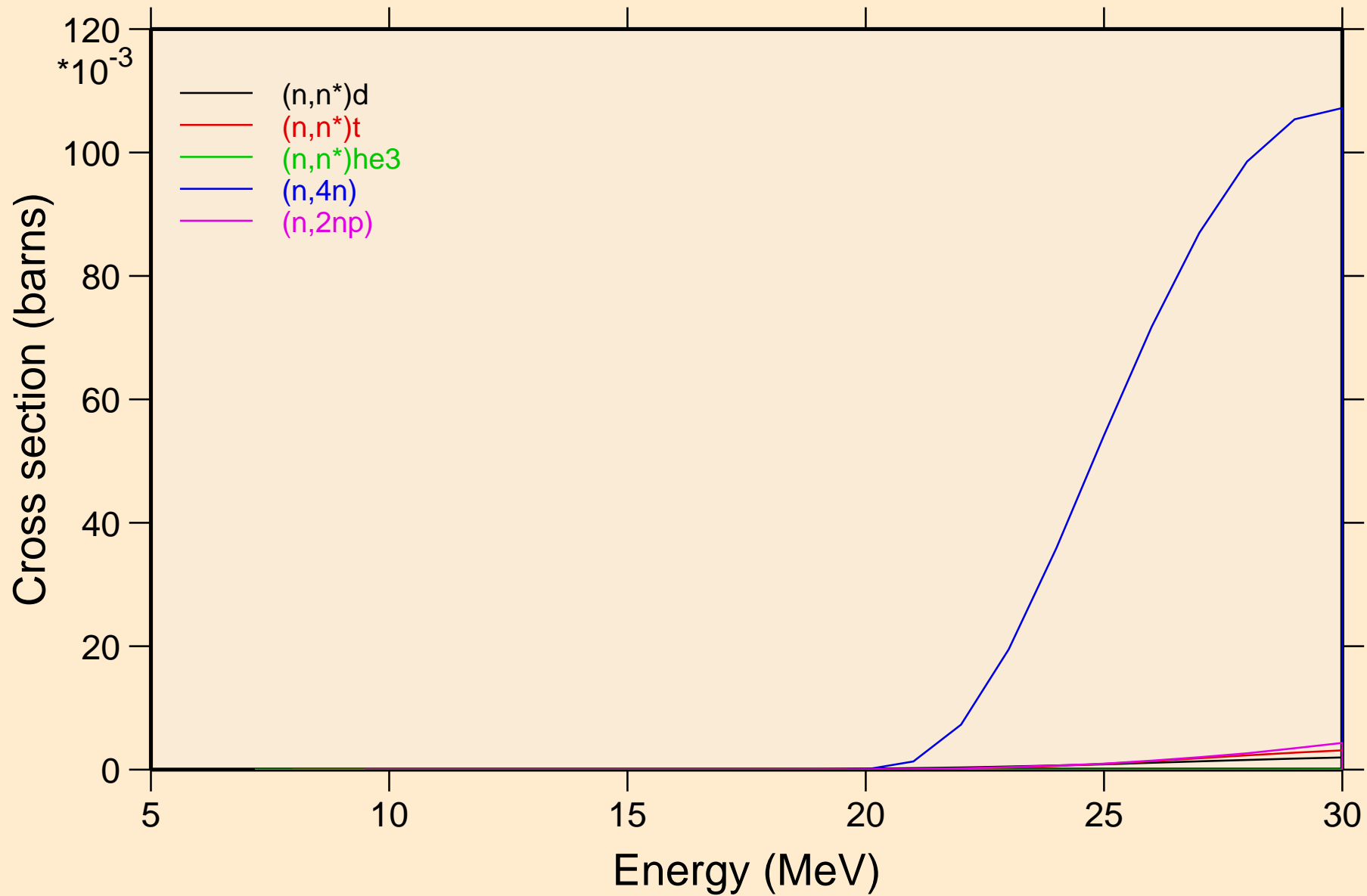
# BK244 NRG TENDL-2015, AKONING

## Threshold reactions



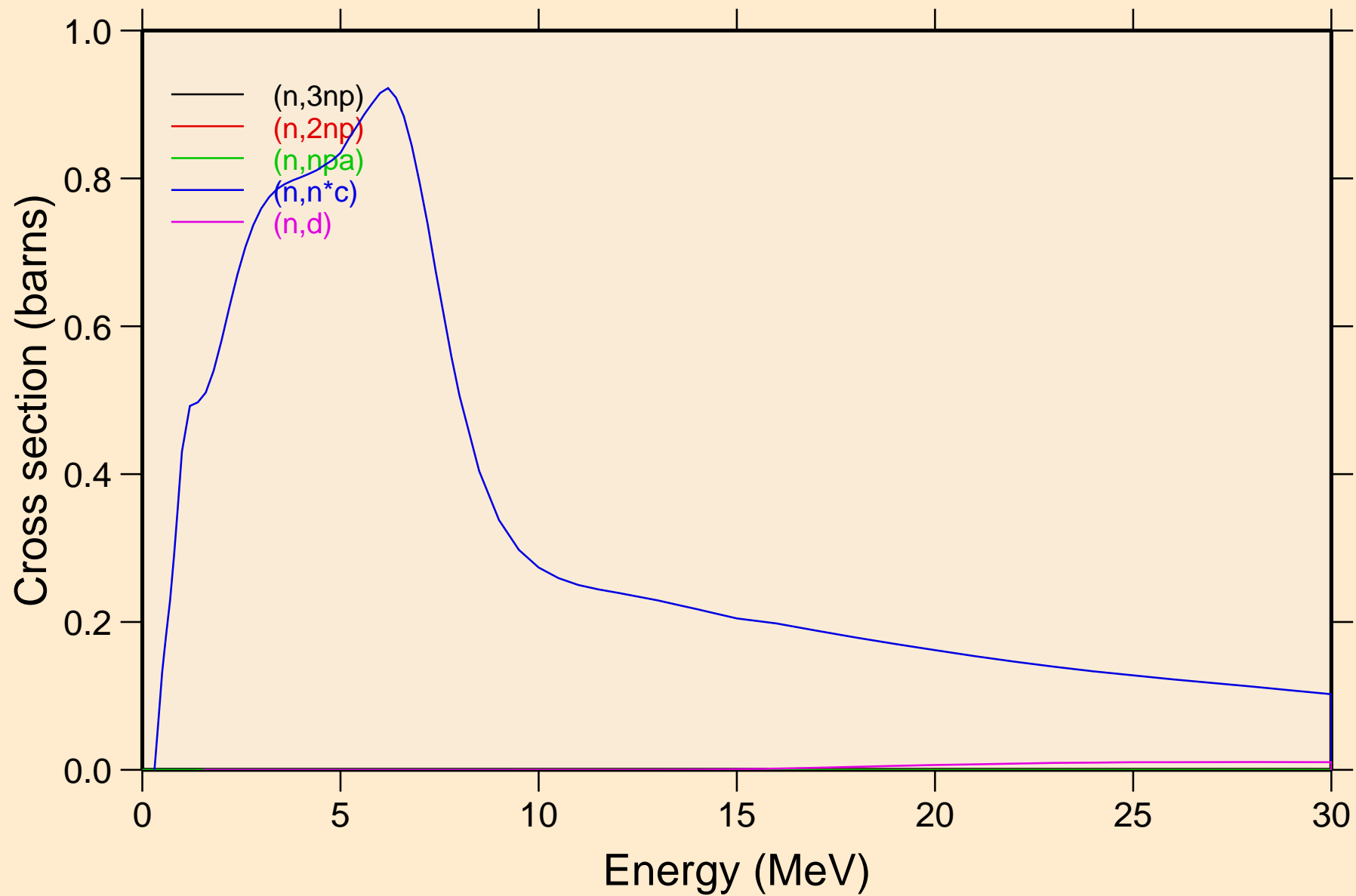
# BK244 NRG TENDL-2015, AKONING

## Threshold reactions



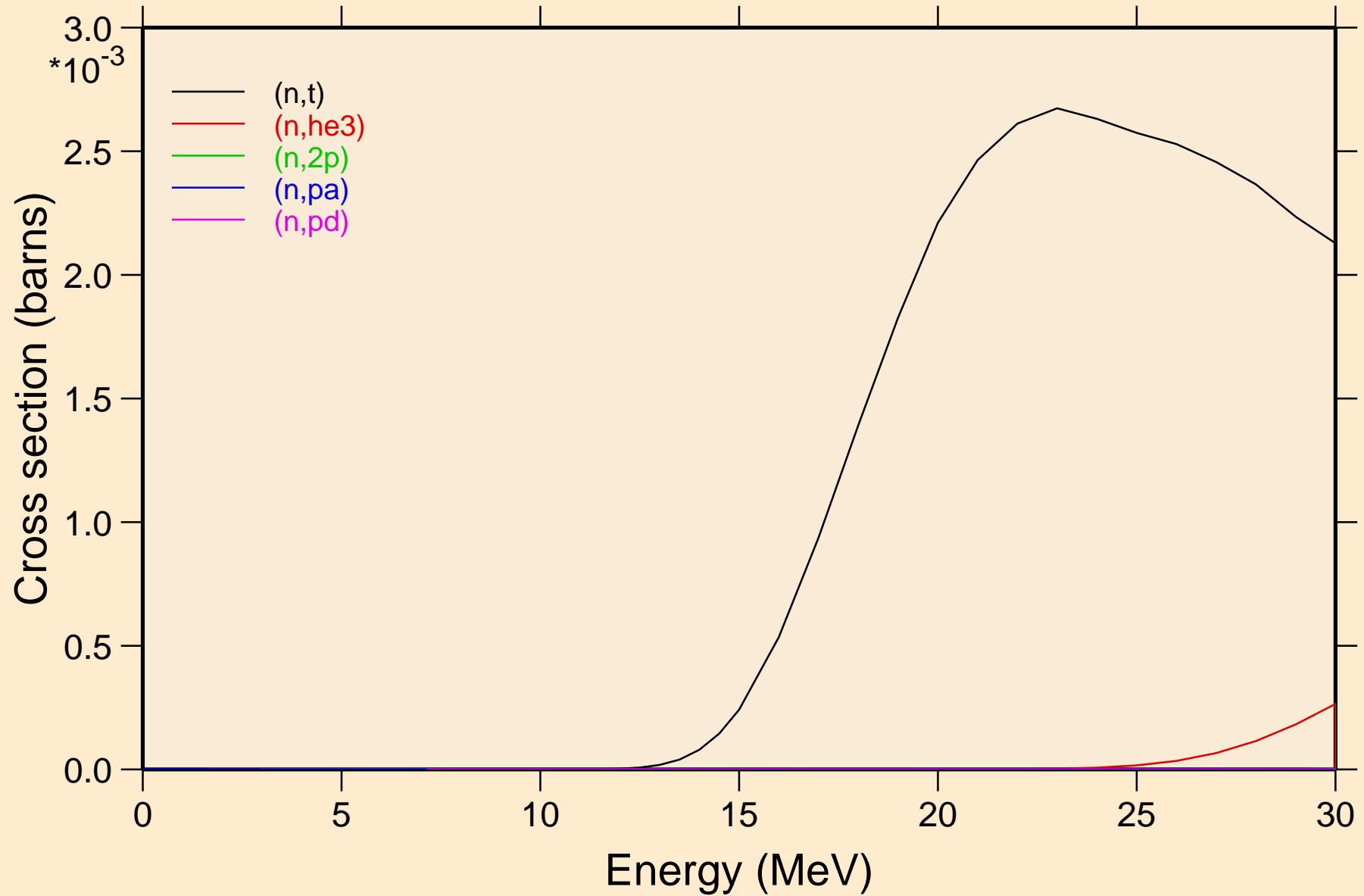
# BK244 NRG TENDL-2015, AKONING

## Threshold reactions



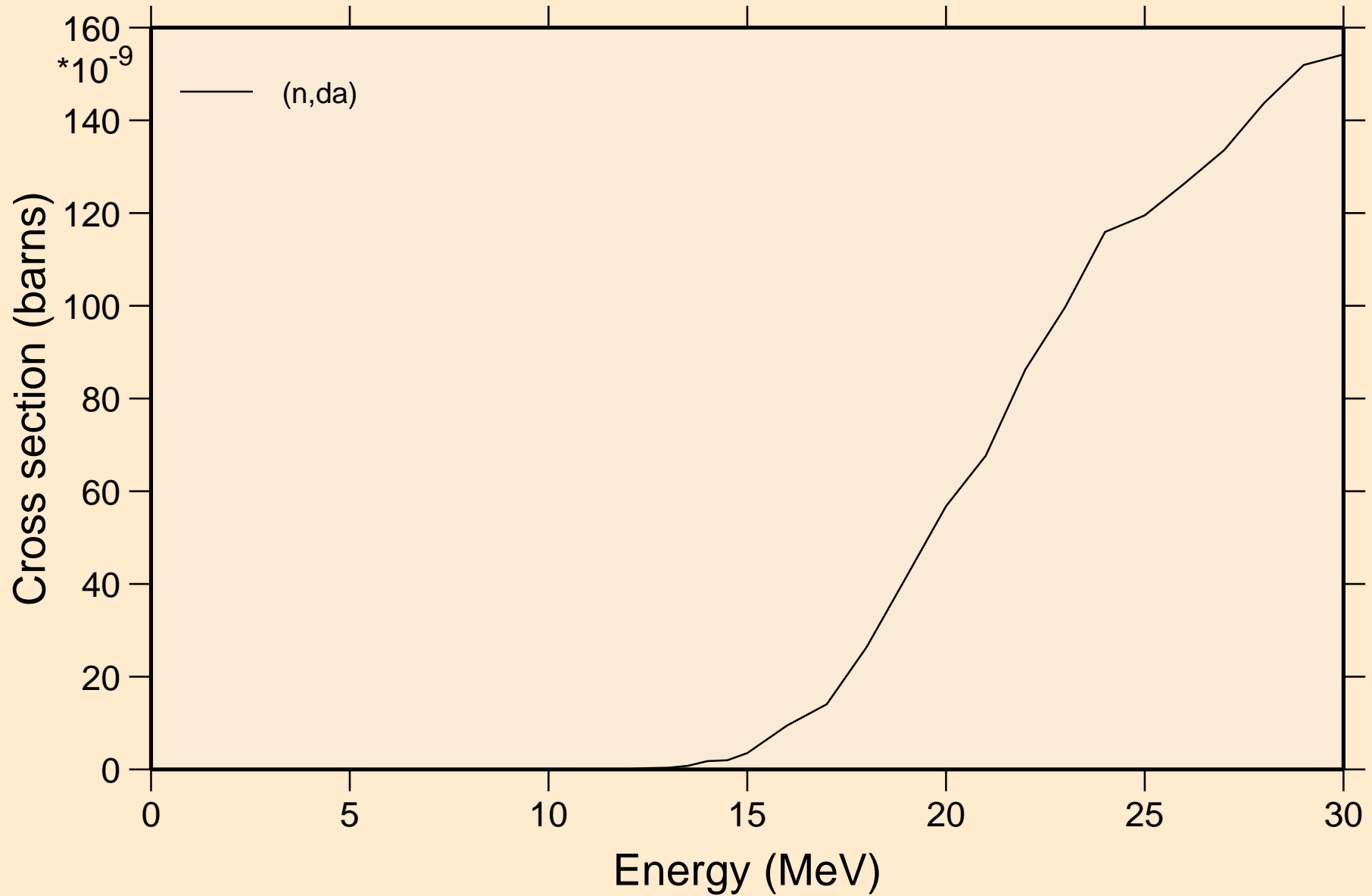
# BK244 NRG TENDL-2015, AKONING

## Threshold reactions

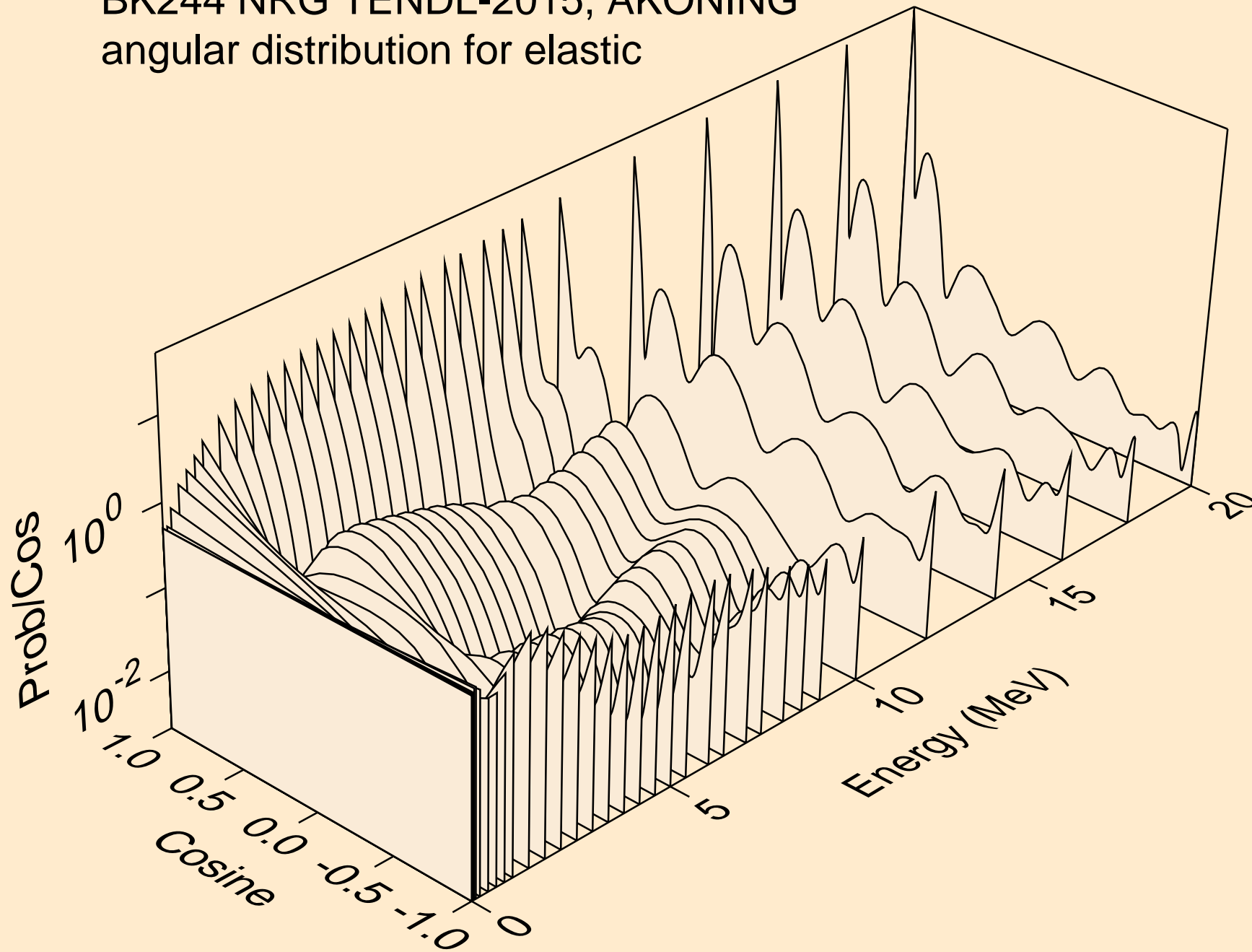


# BK244 NRG TENDL-2015, AKONING

## Threshold reactions

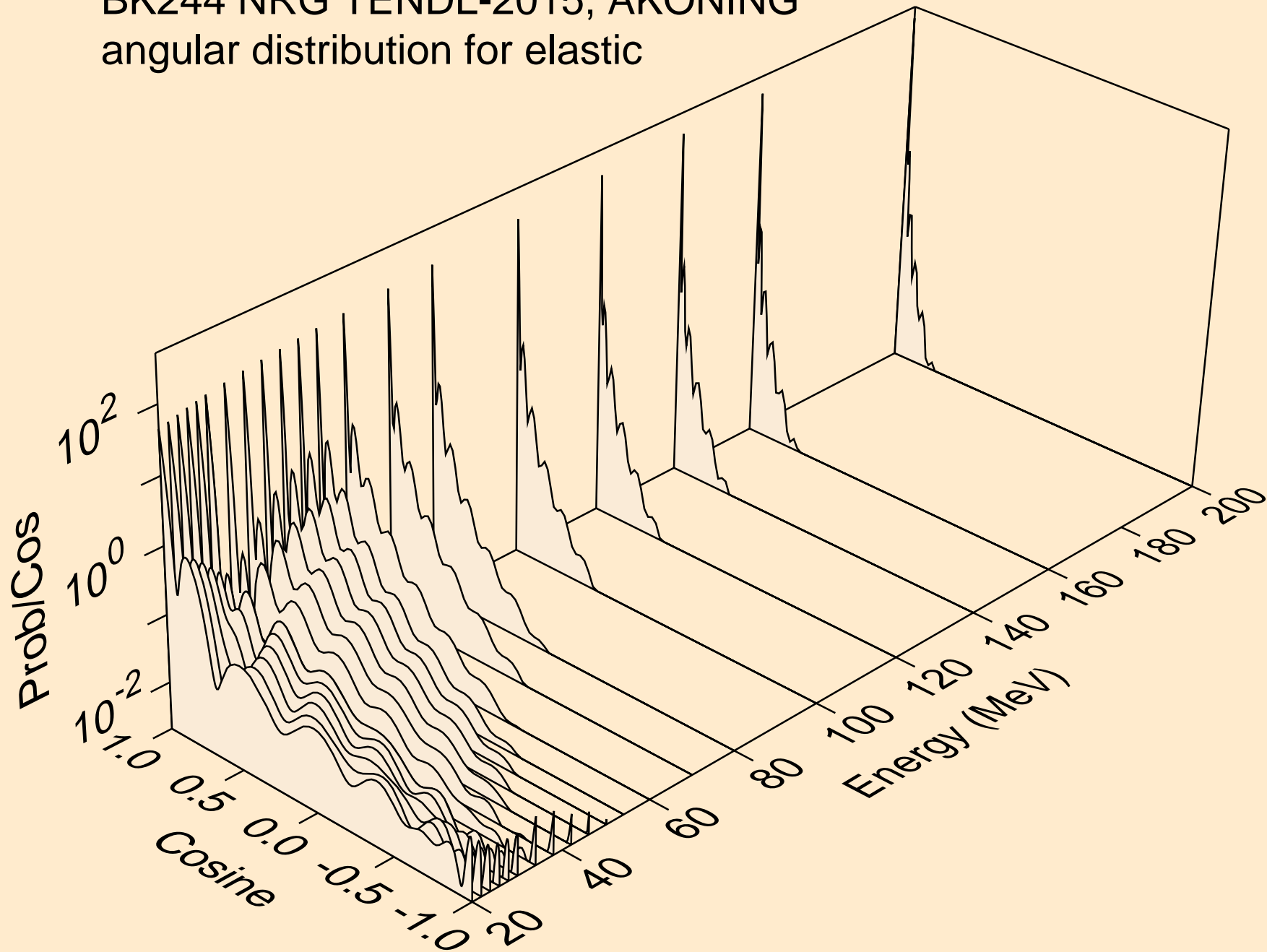


BK244 NRG TENDL-2015, AKONING  
angular distribution for elastic

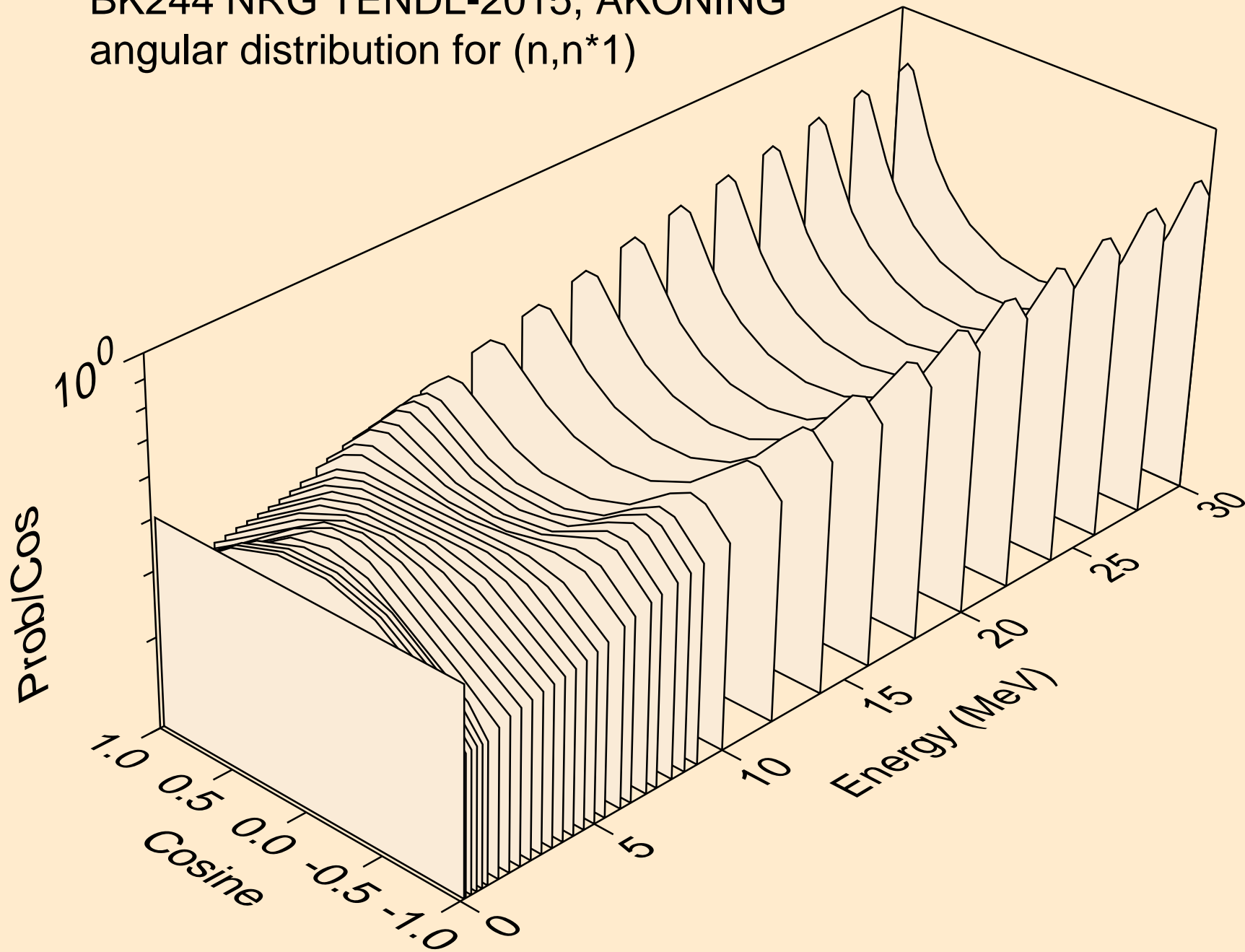




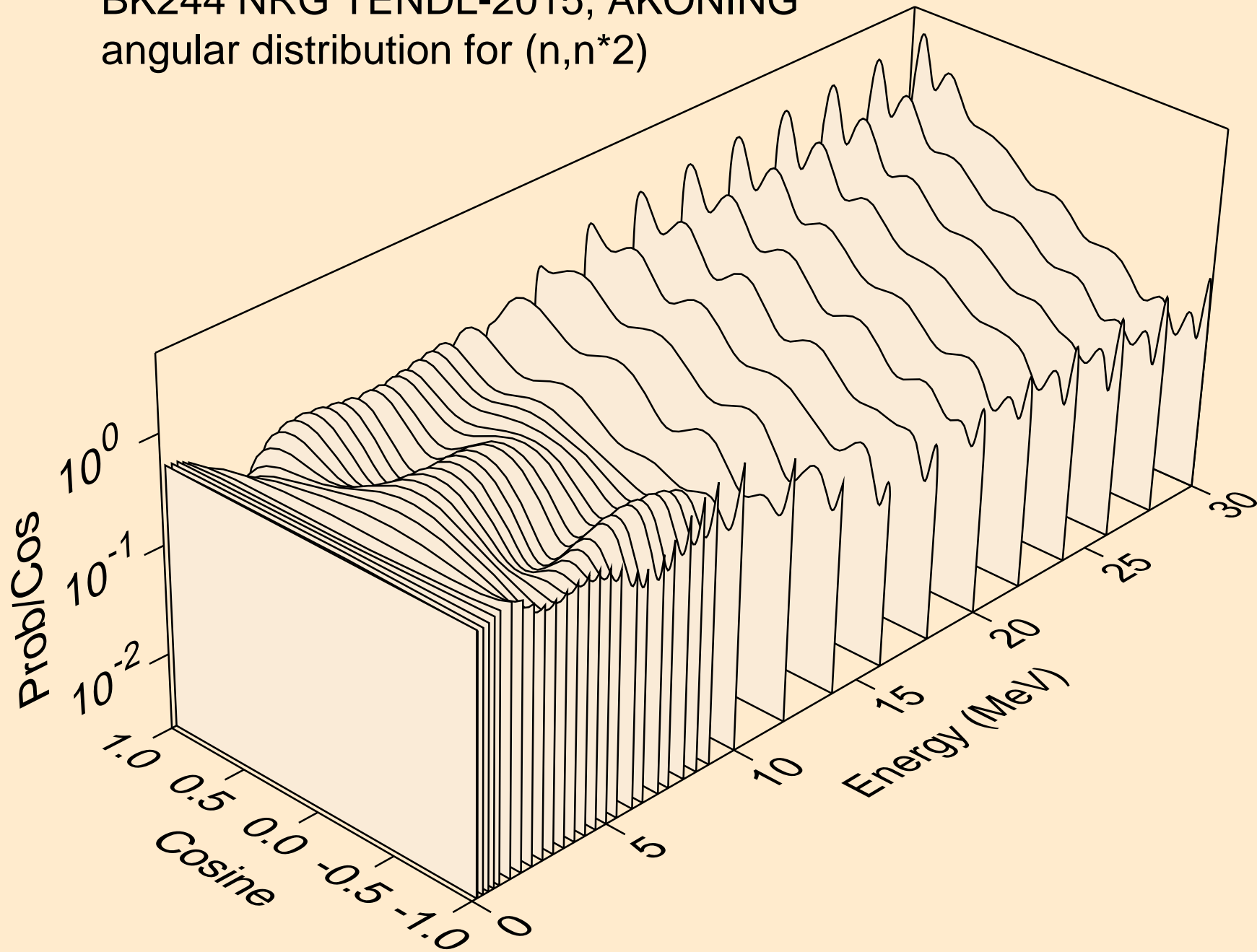
BK244 NRG TENDL-2015, AKONING  
angular distribution for elastic



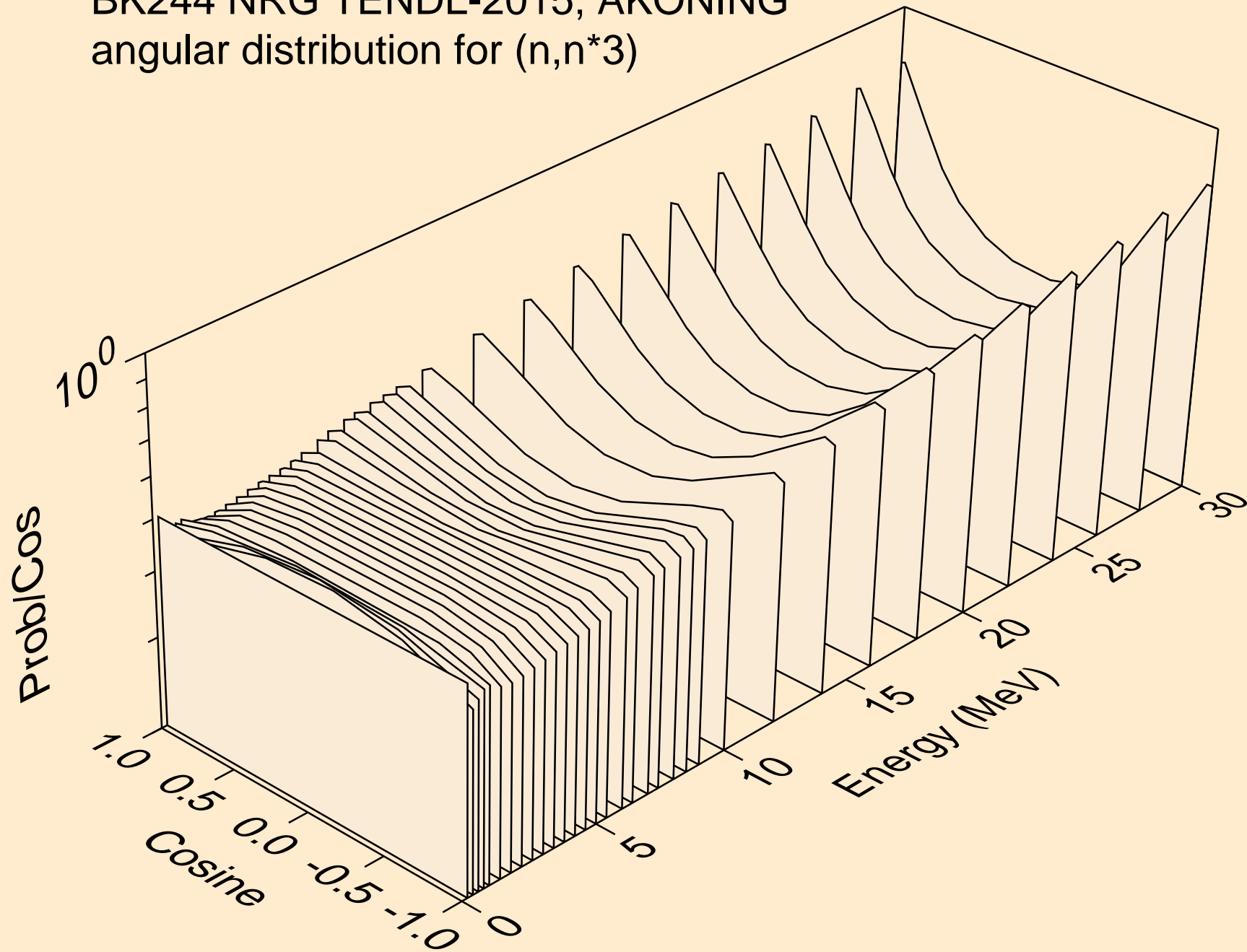
BK244 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



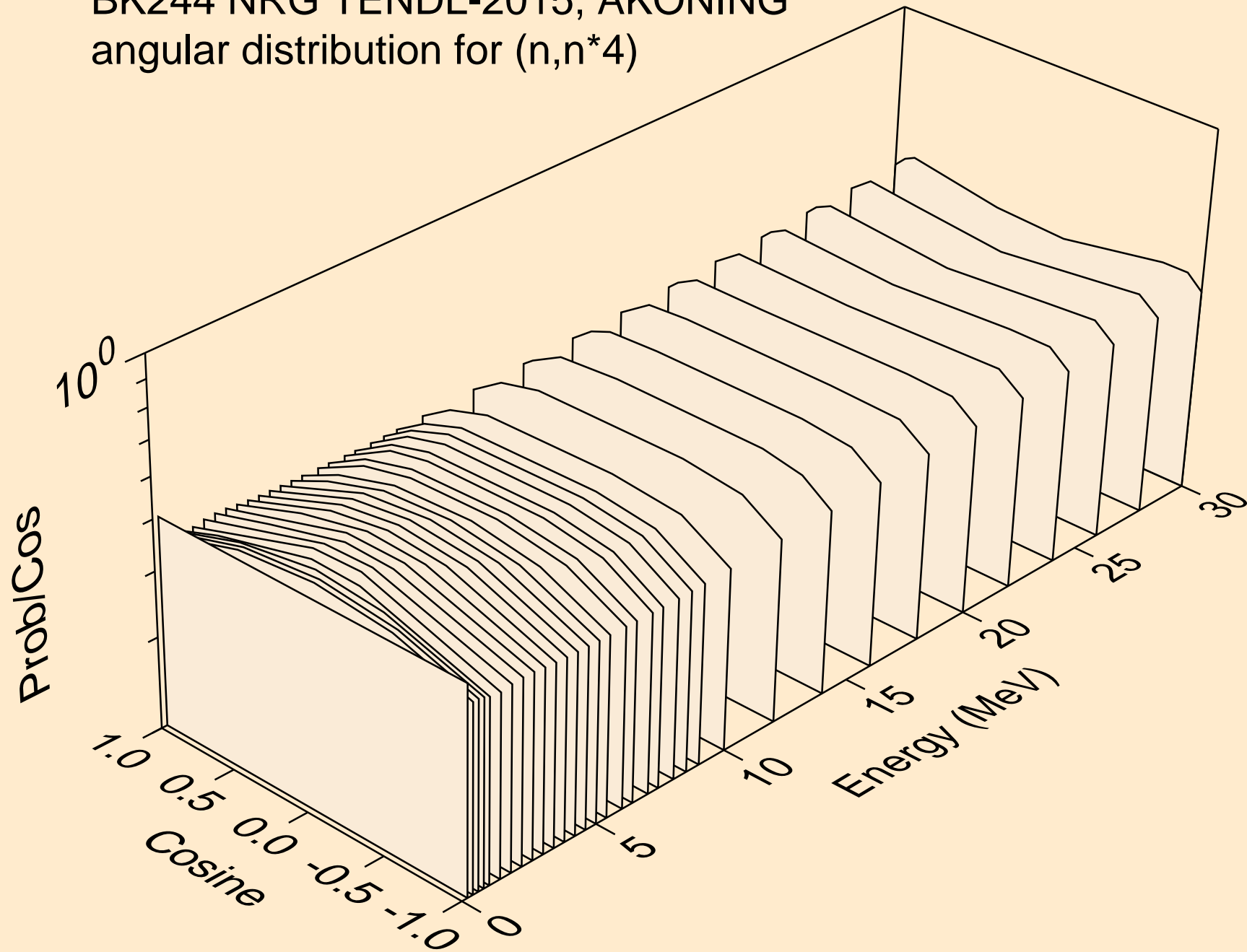
BK244 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



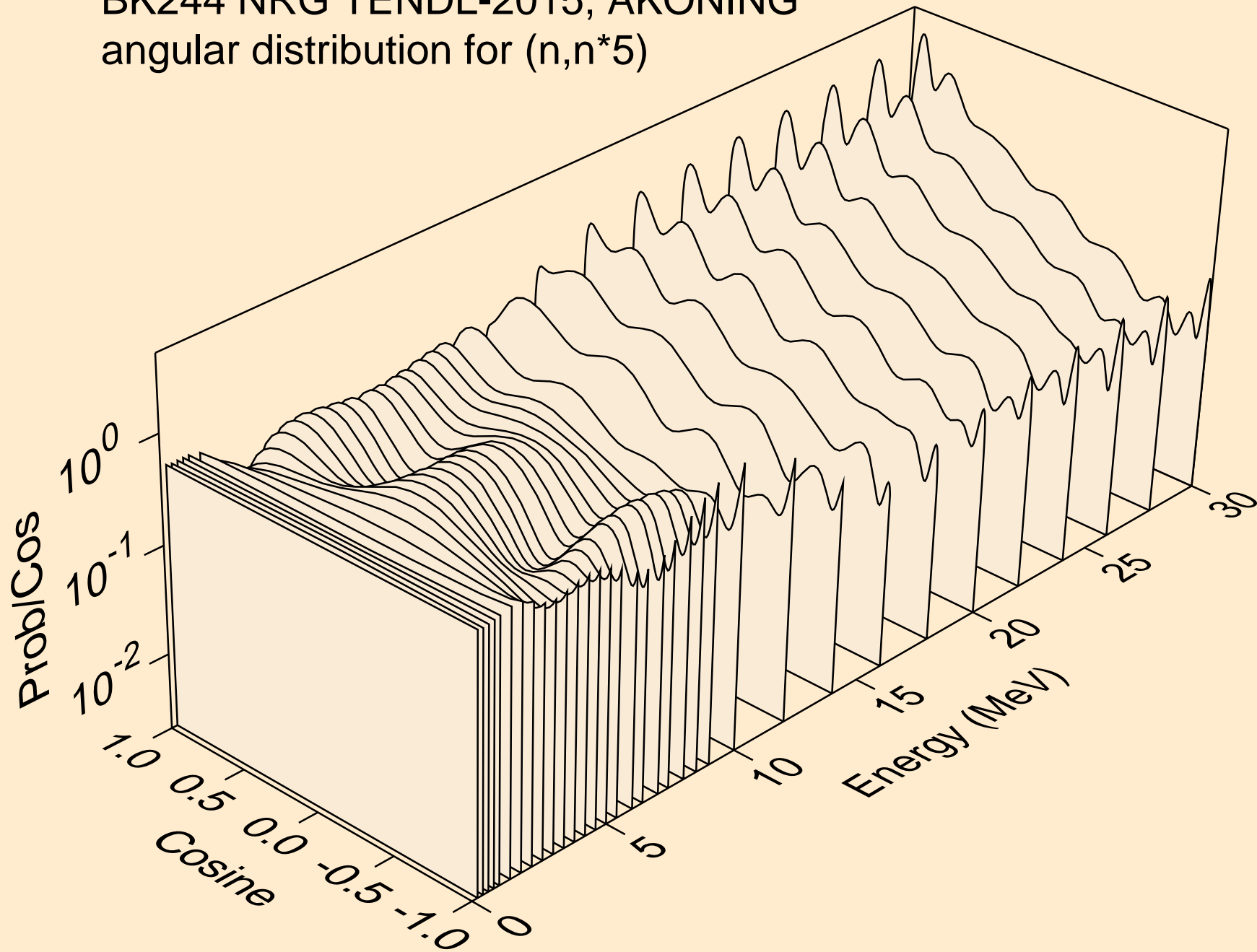
BK244 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



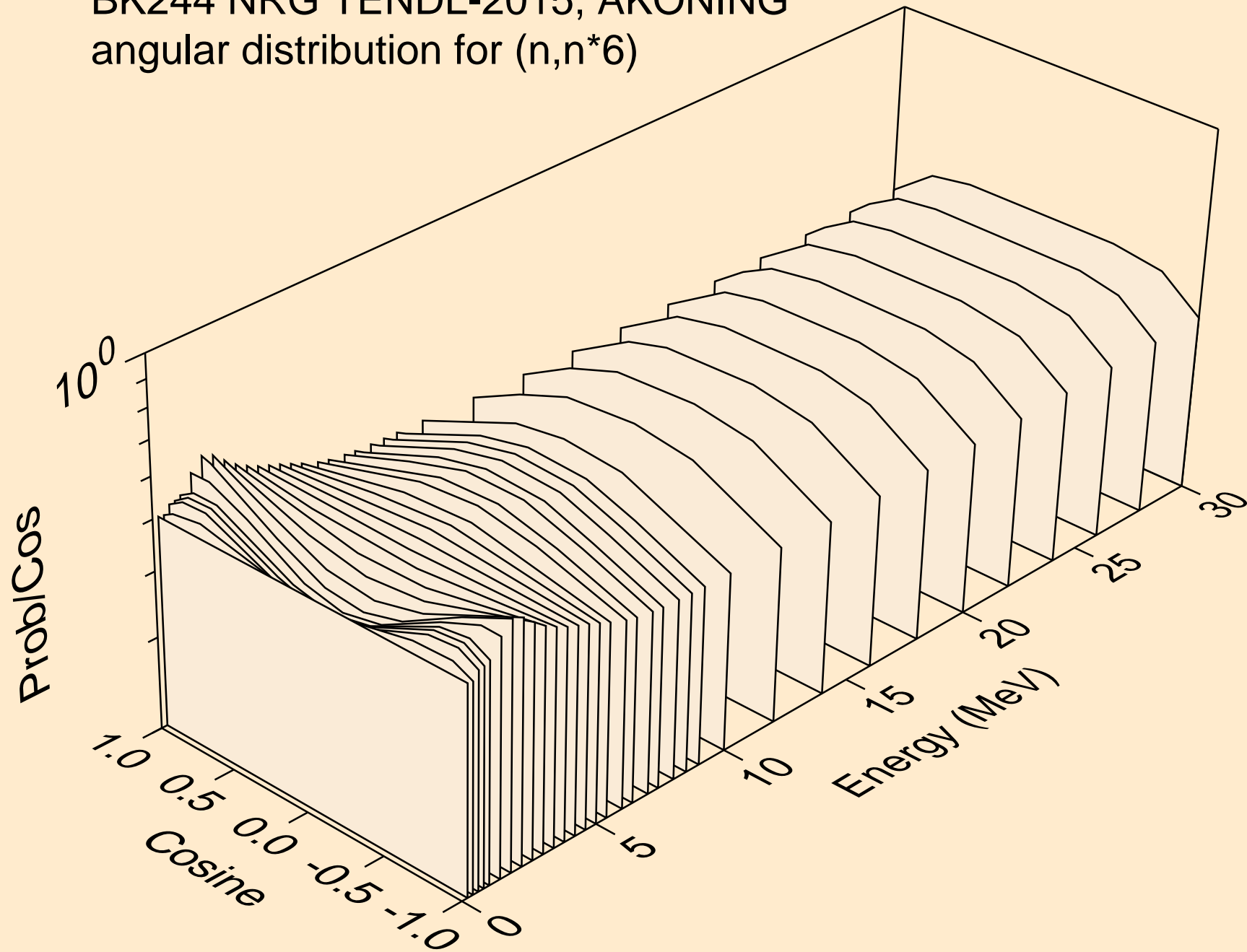
BK244 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



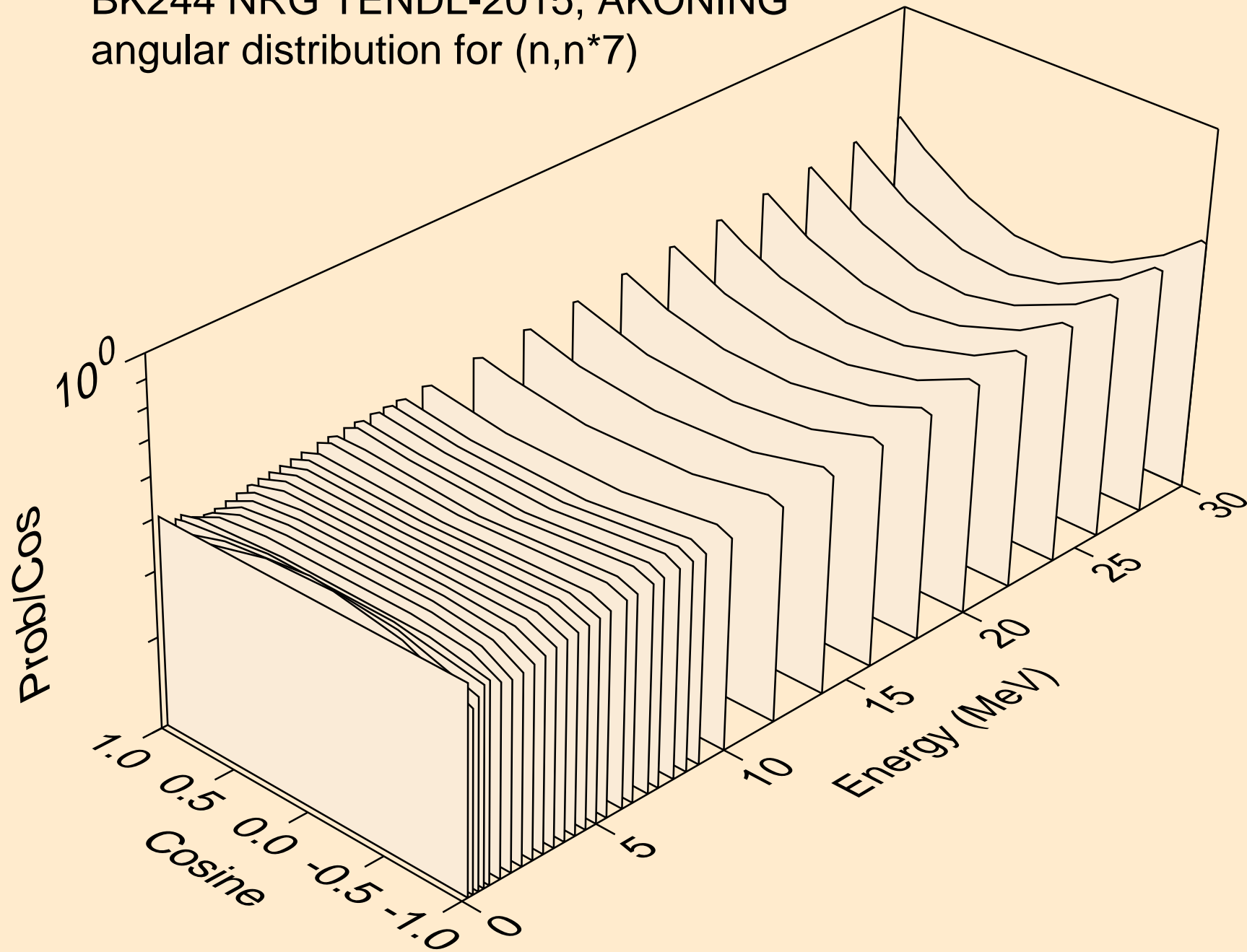
BK244 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



BK244 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

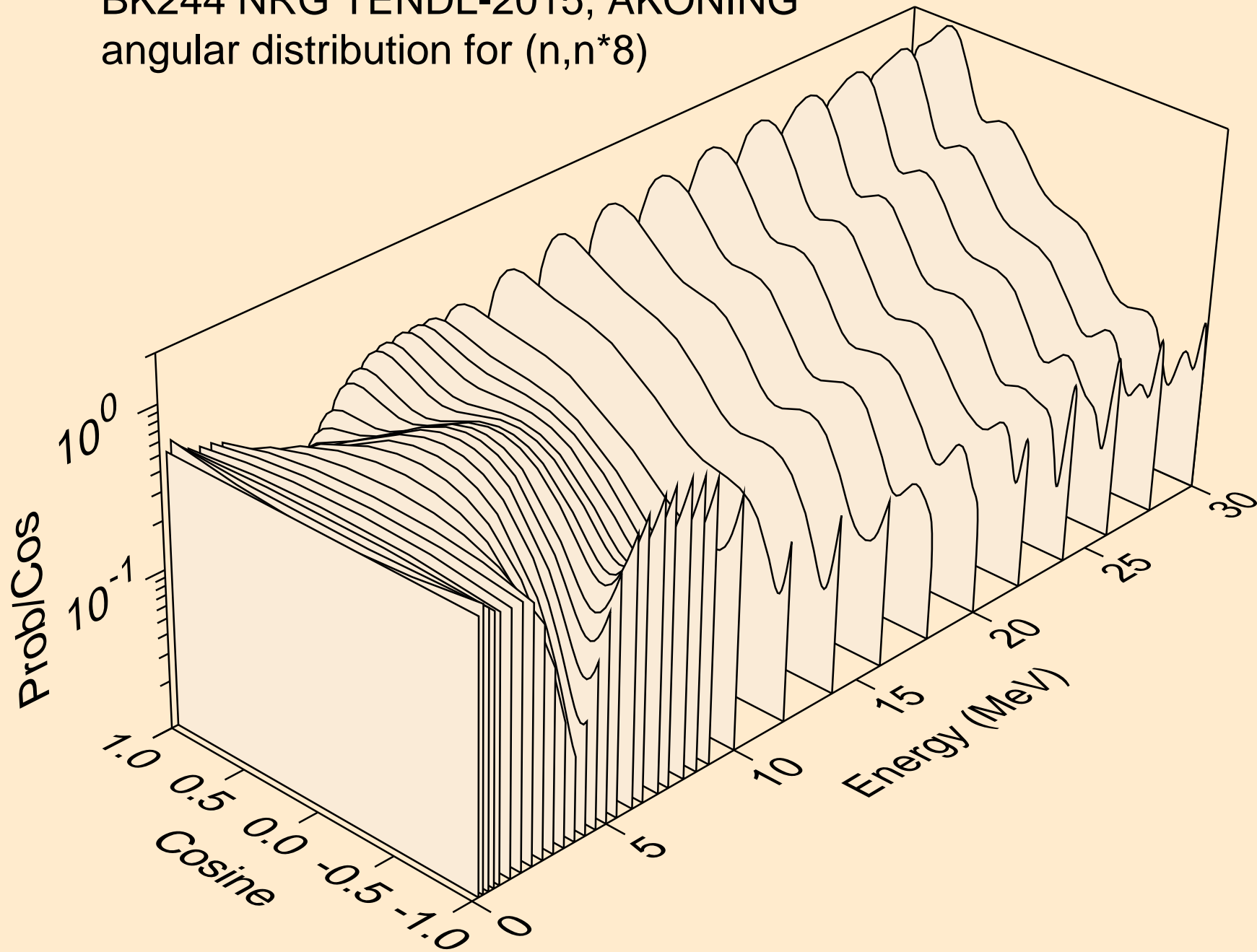


BK244 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

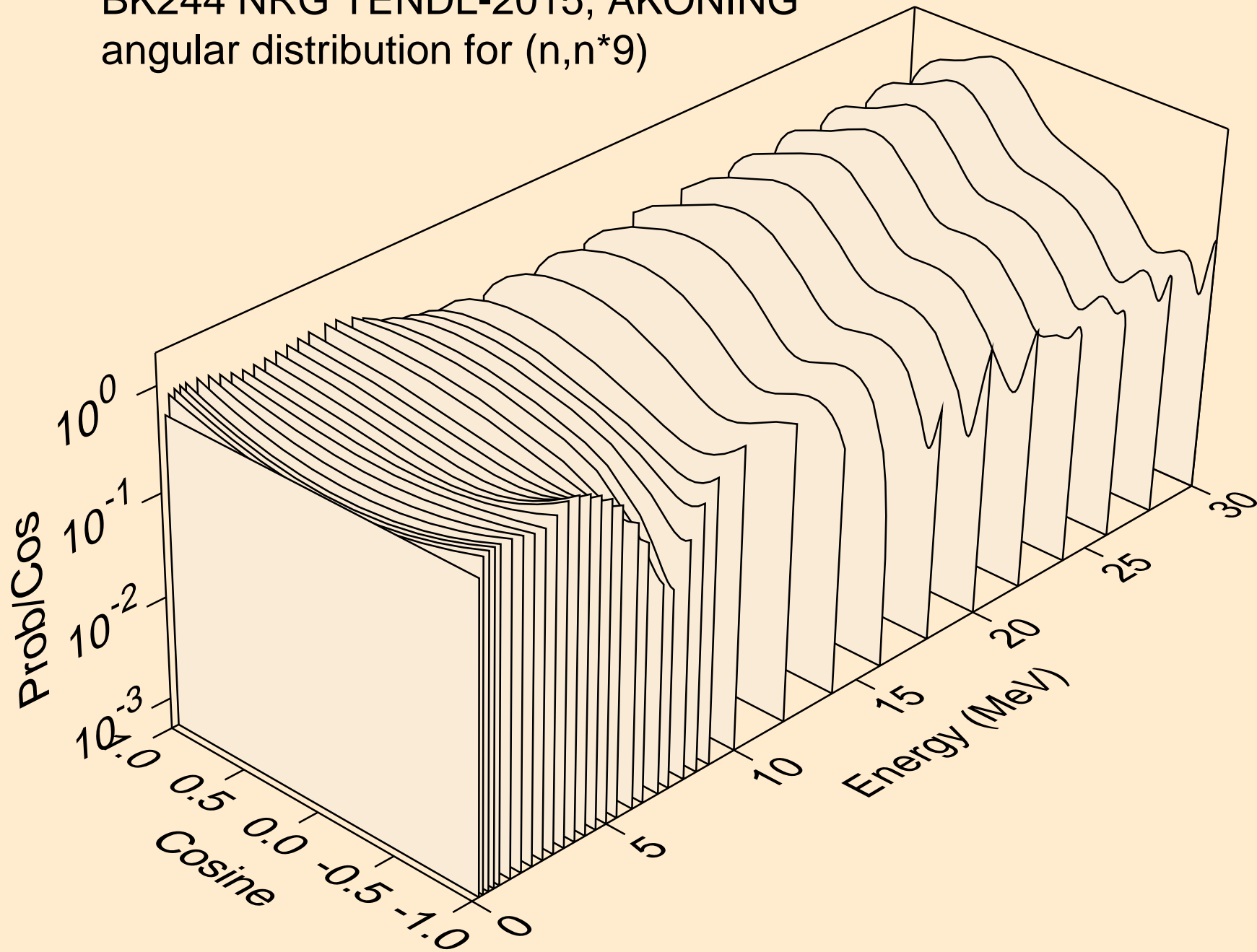




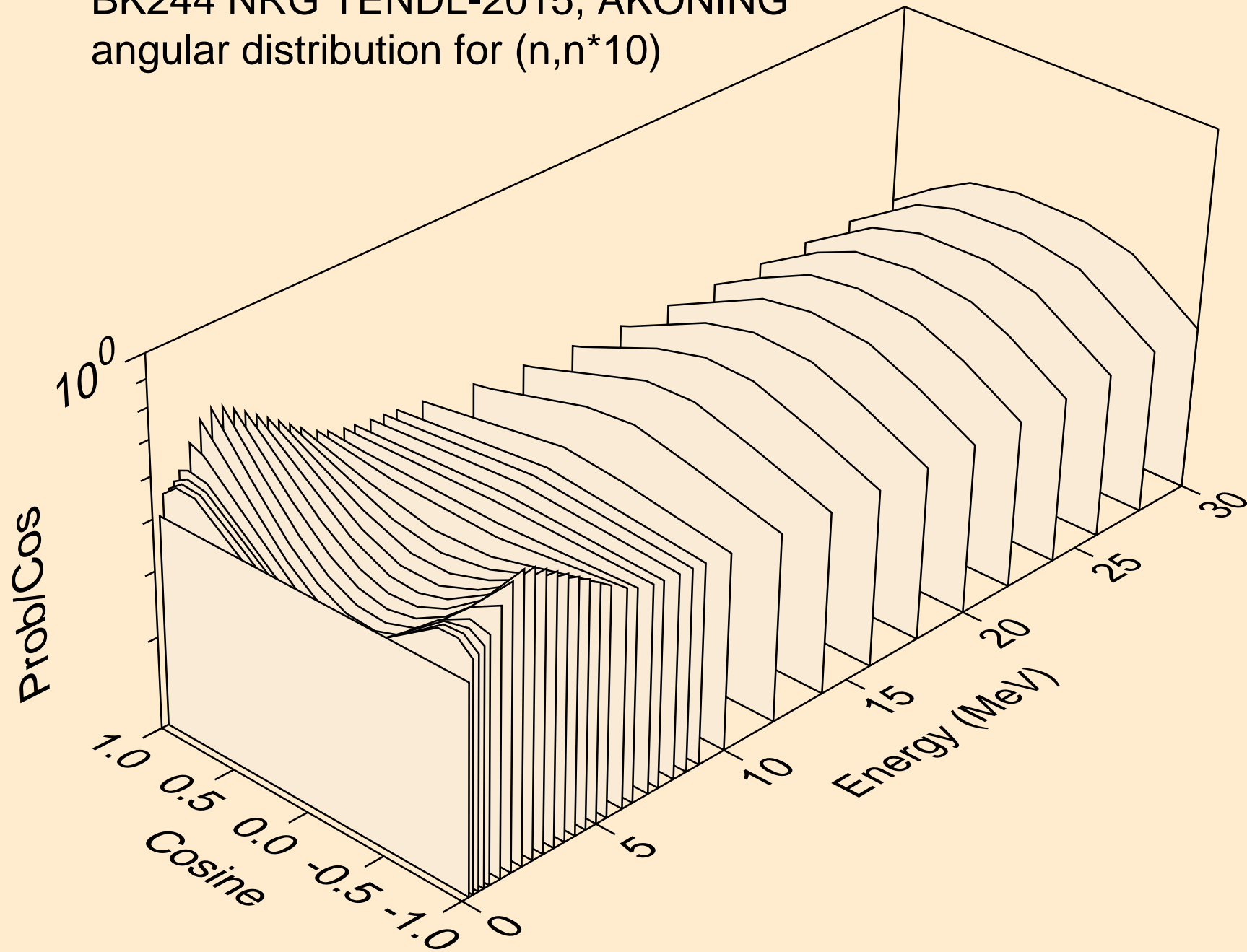
BK244 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



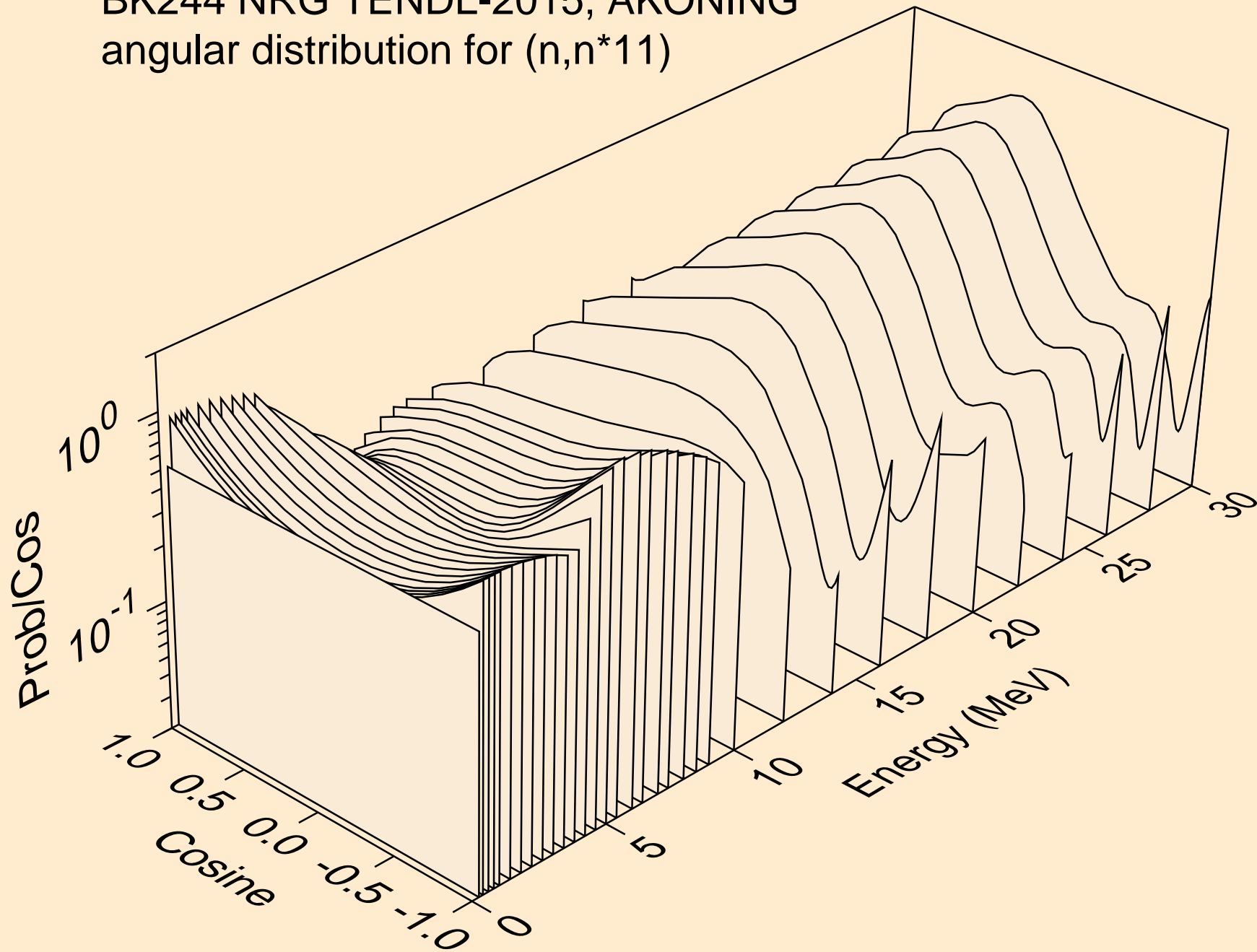
BK244 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



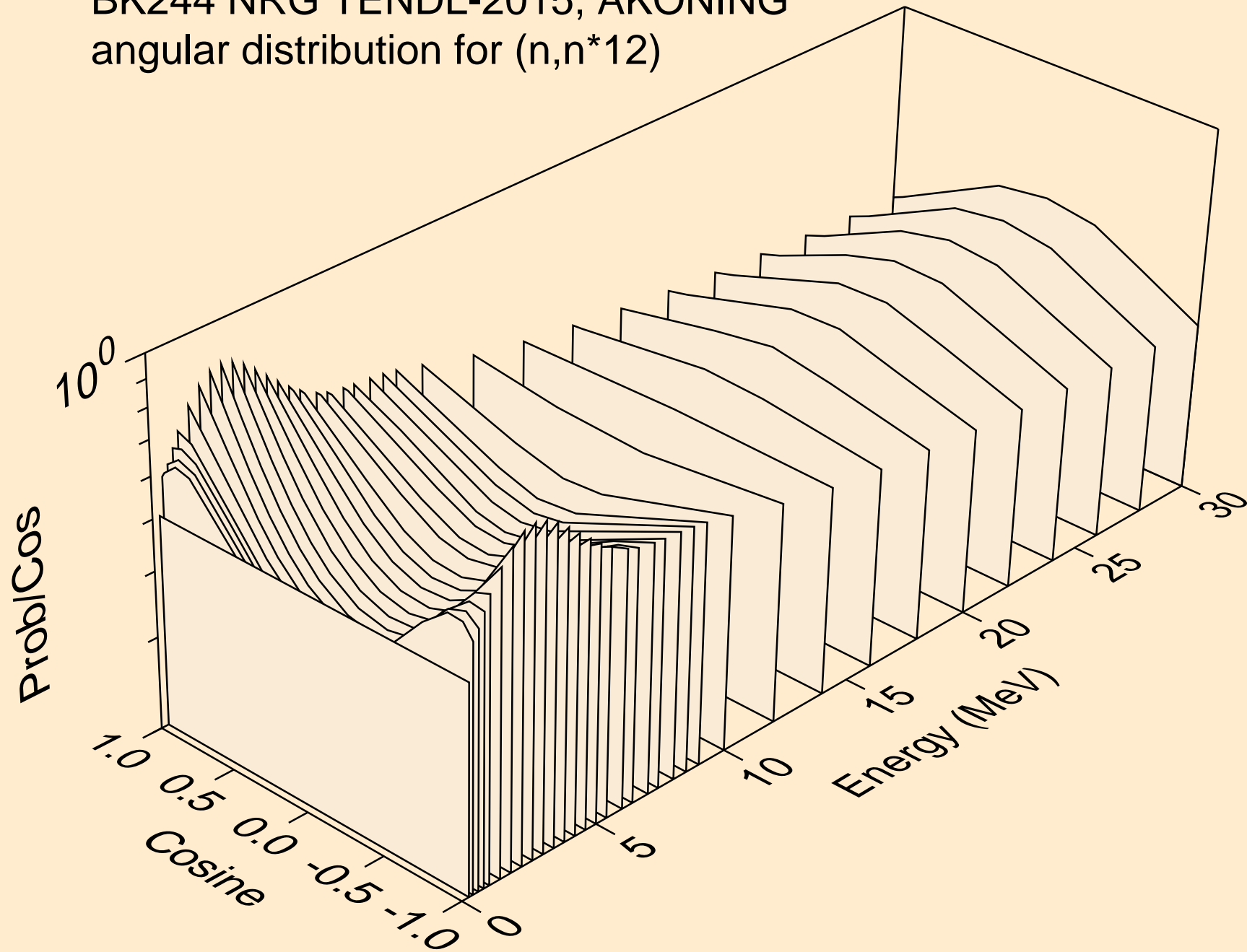
BK244 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



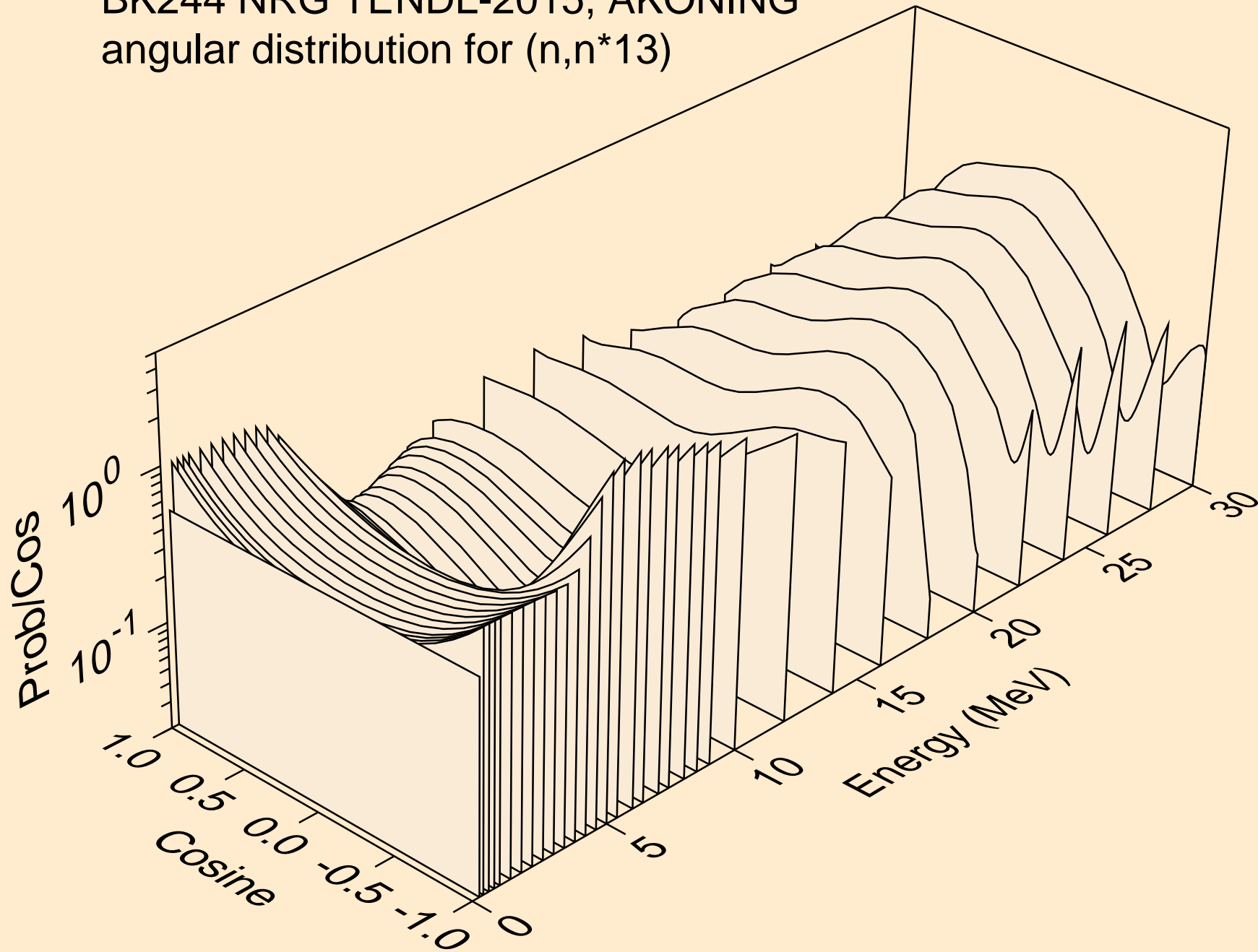
BK244 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



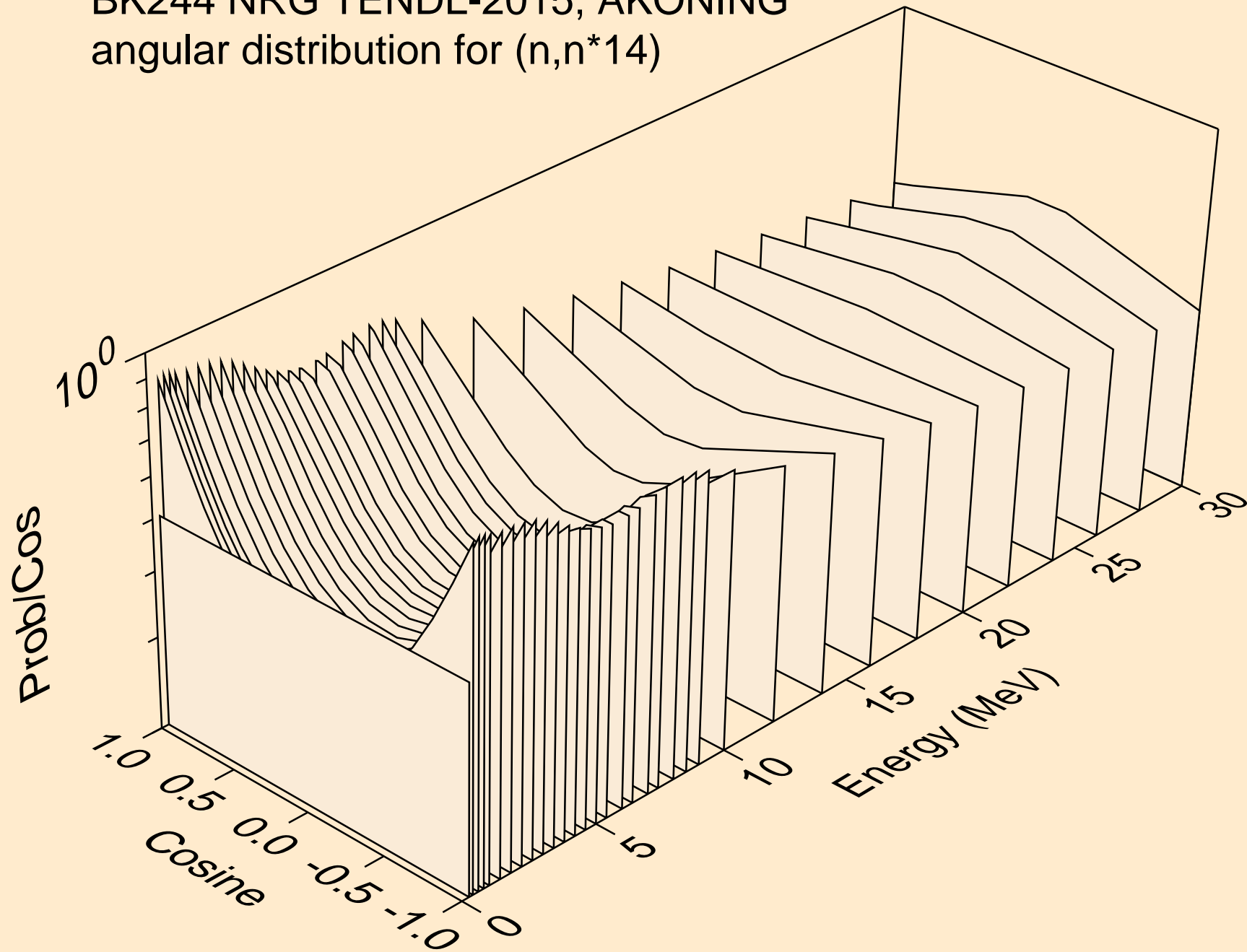
BK244 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



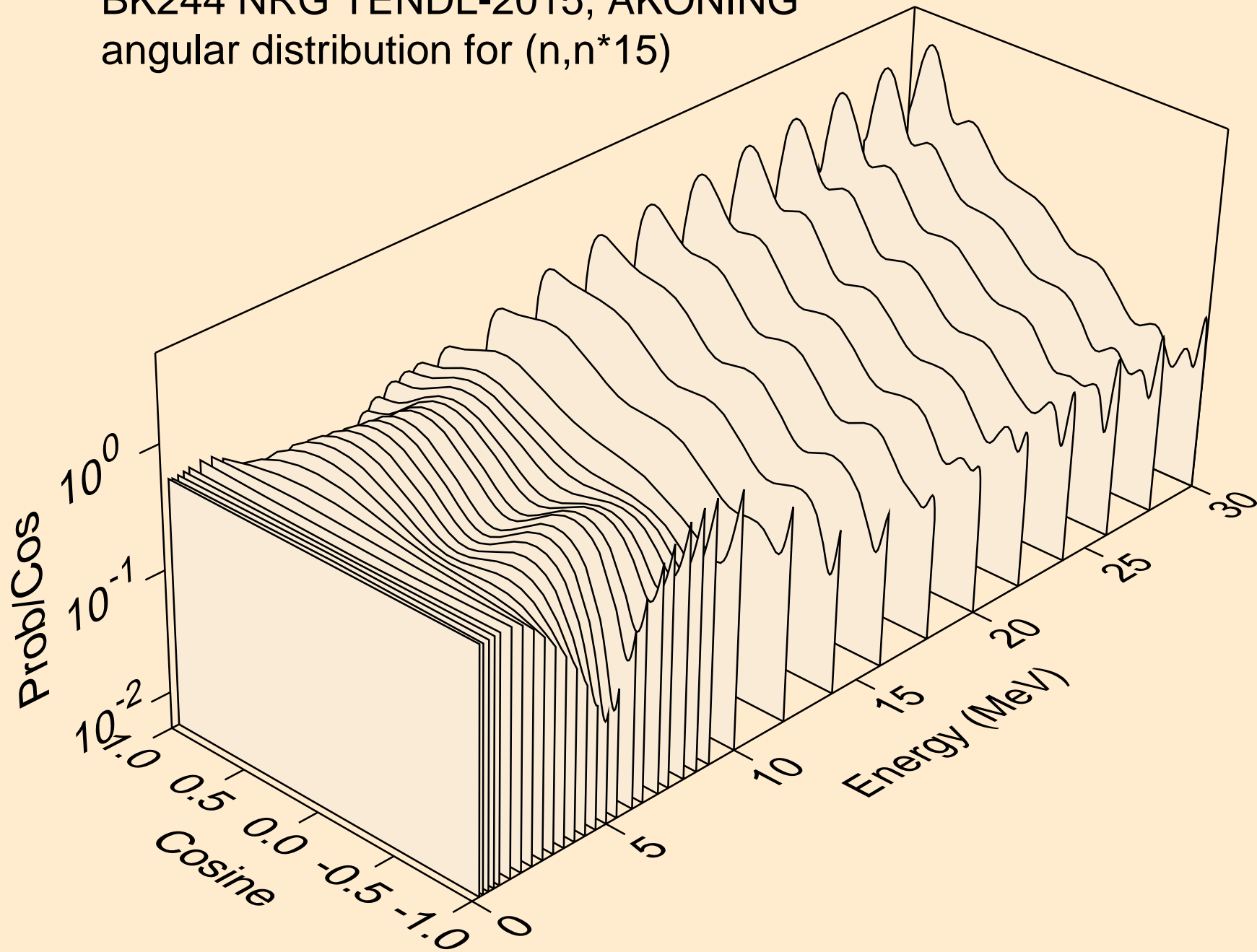
BK244 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



BK244 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

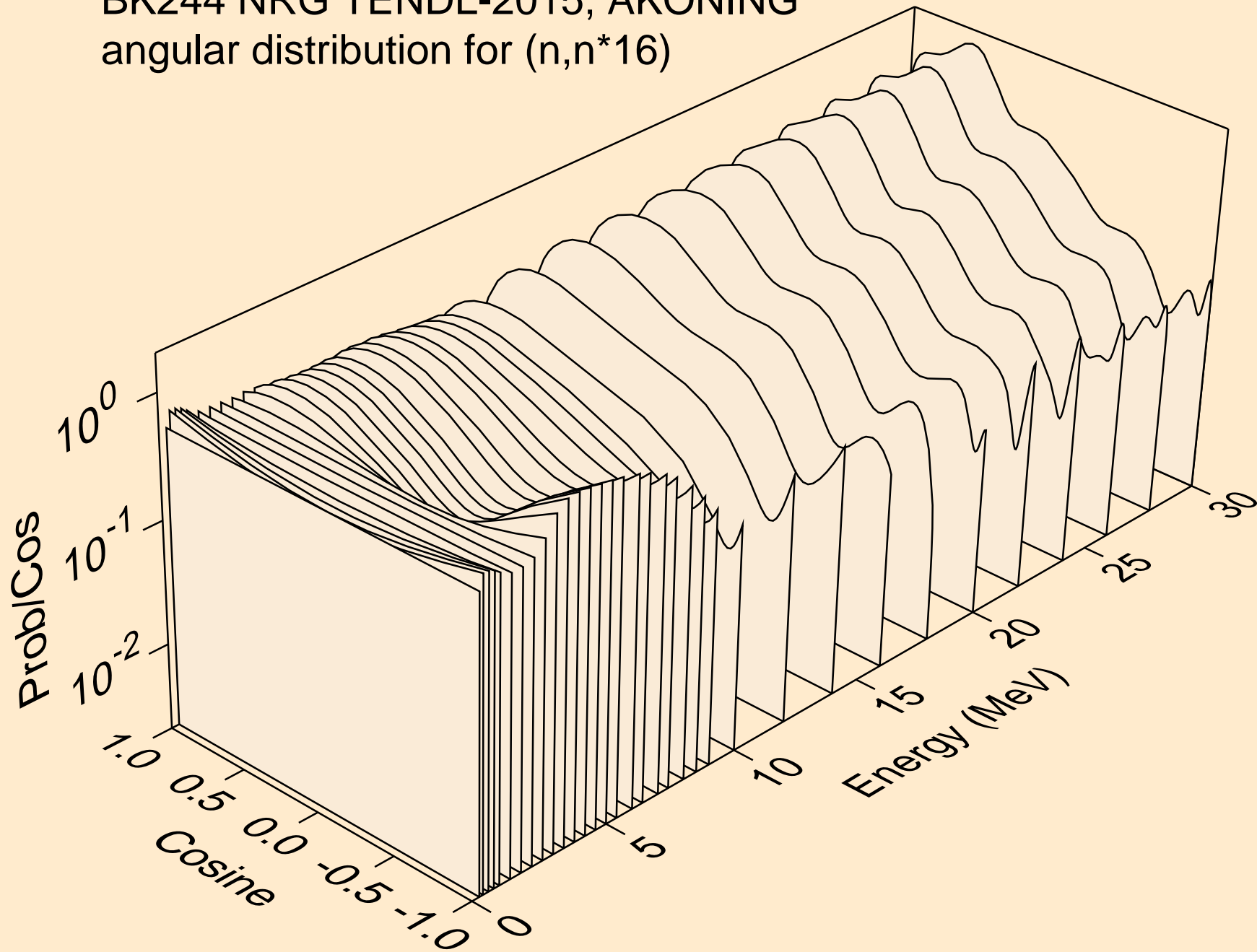


BK244 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

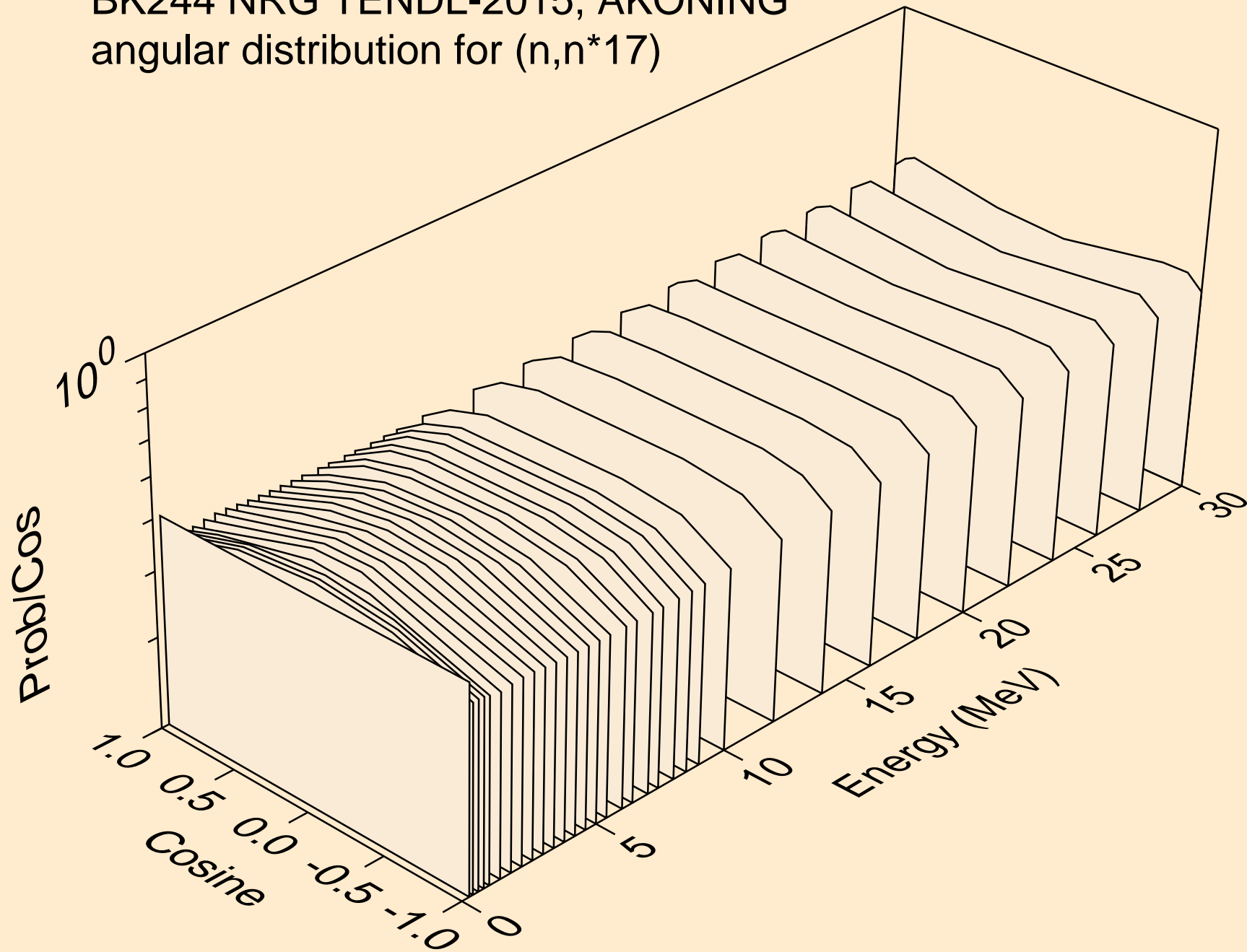




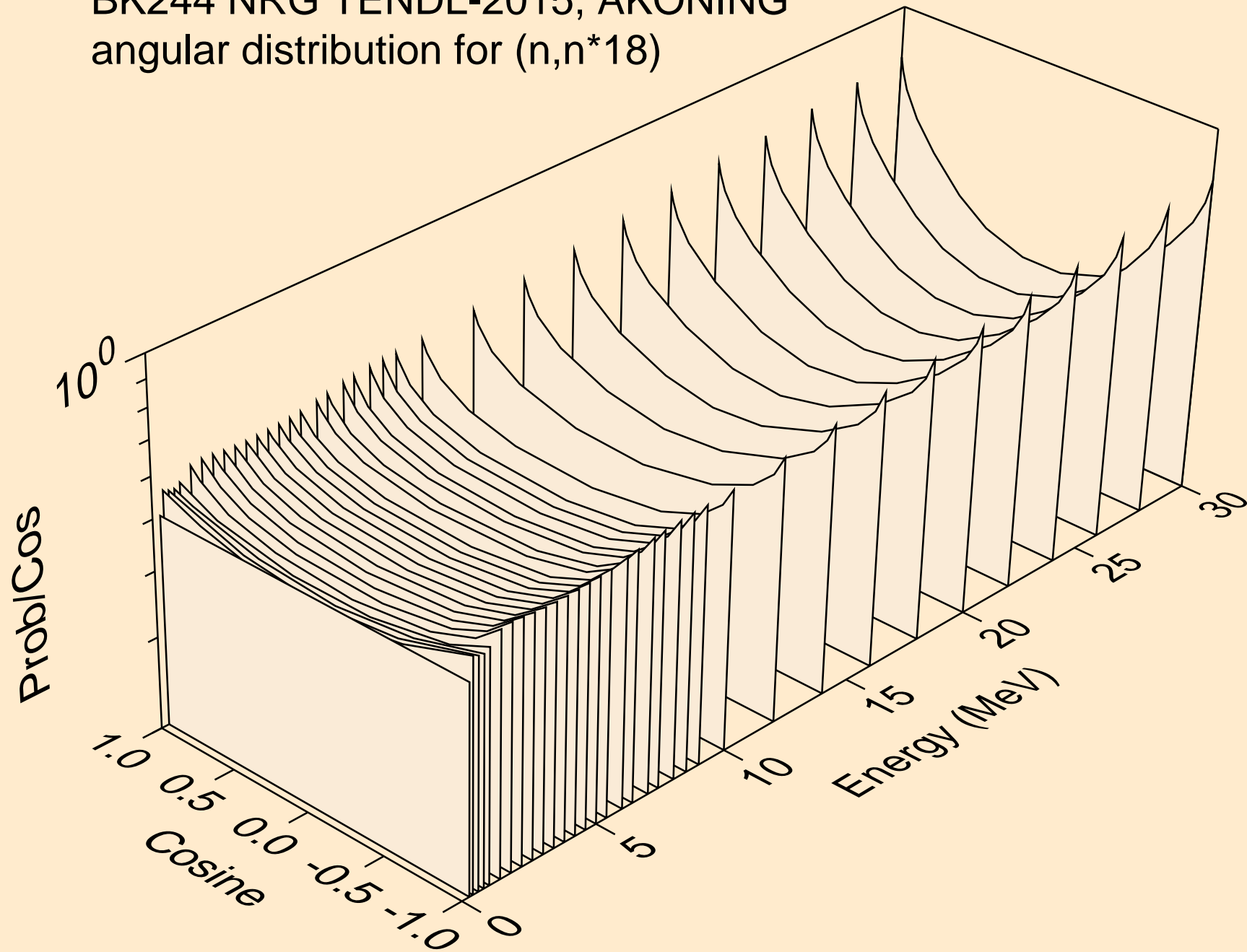
BK244 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



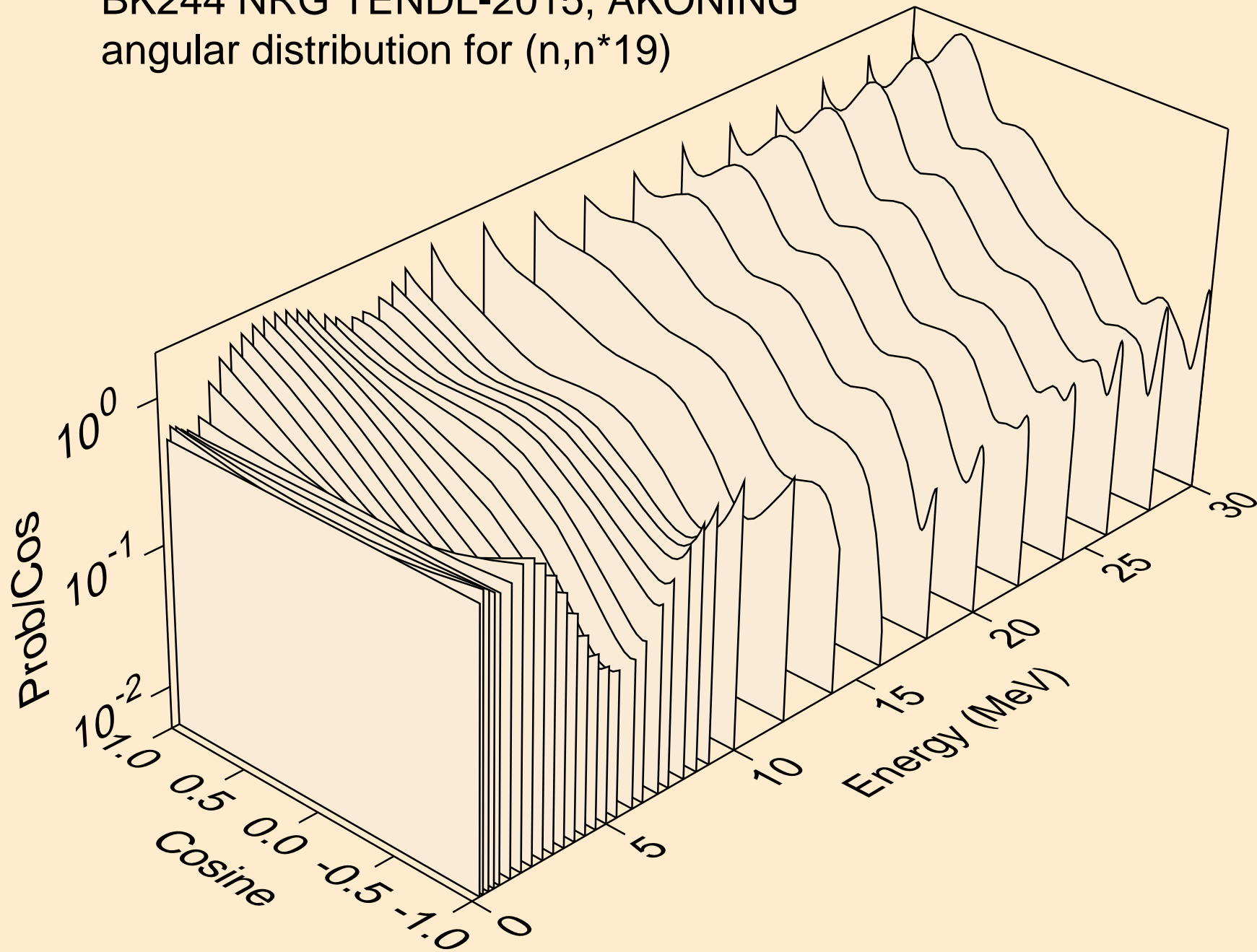
BK244 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



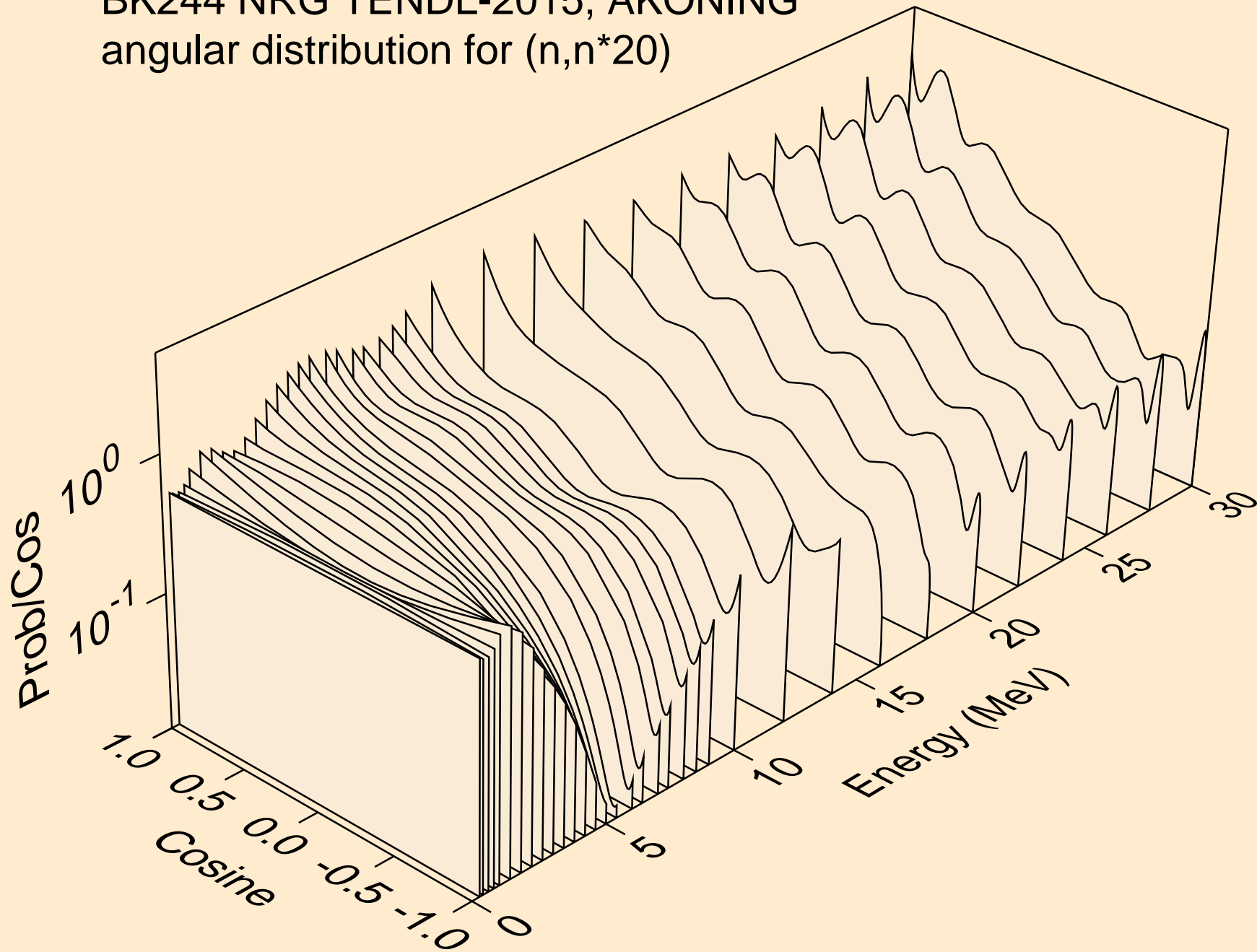
BK244 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



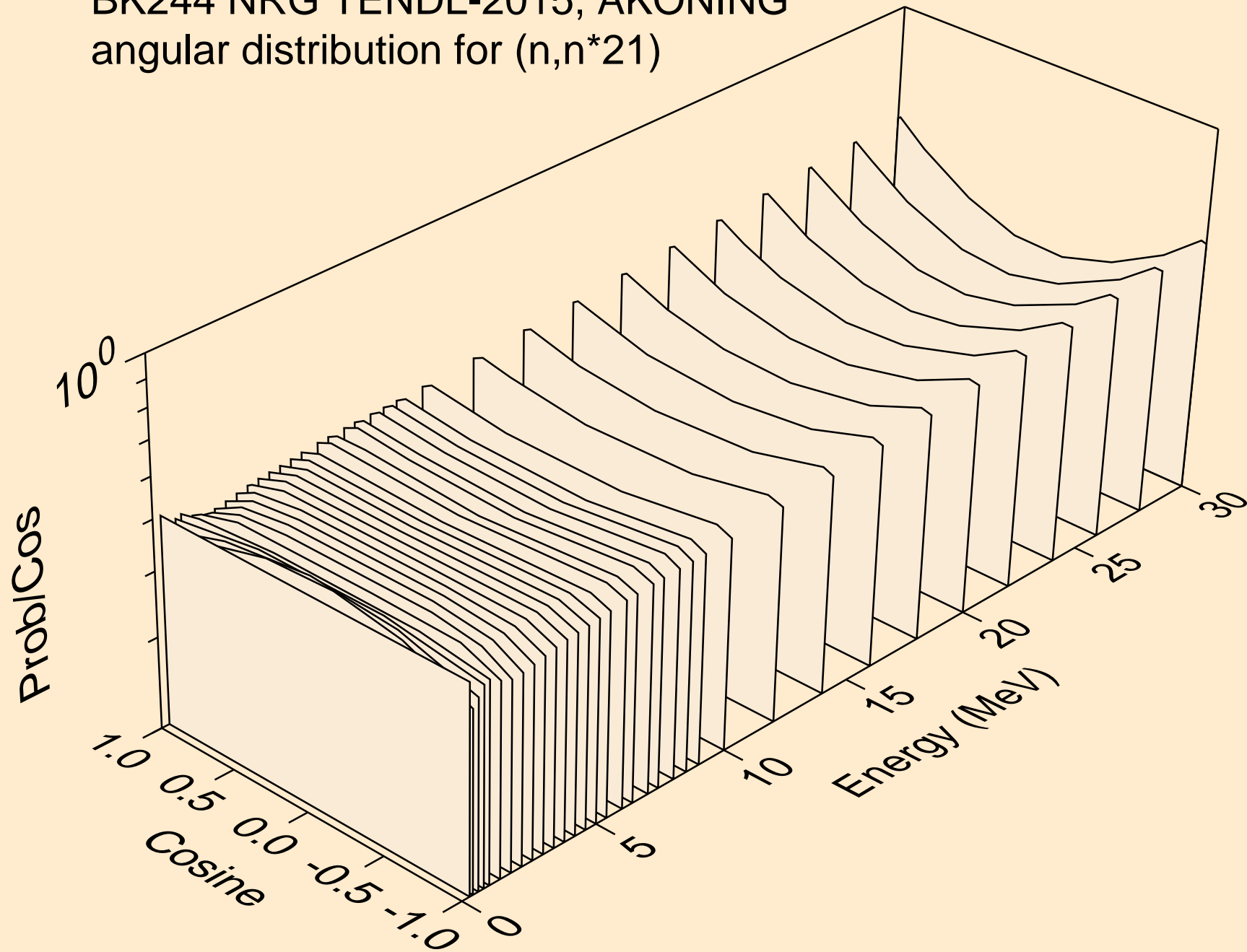
BK244 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



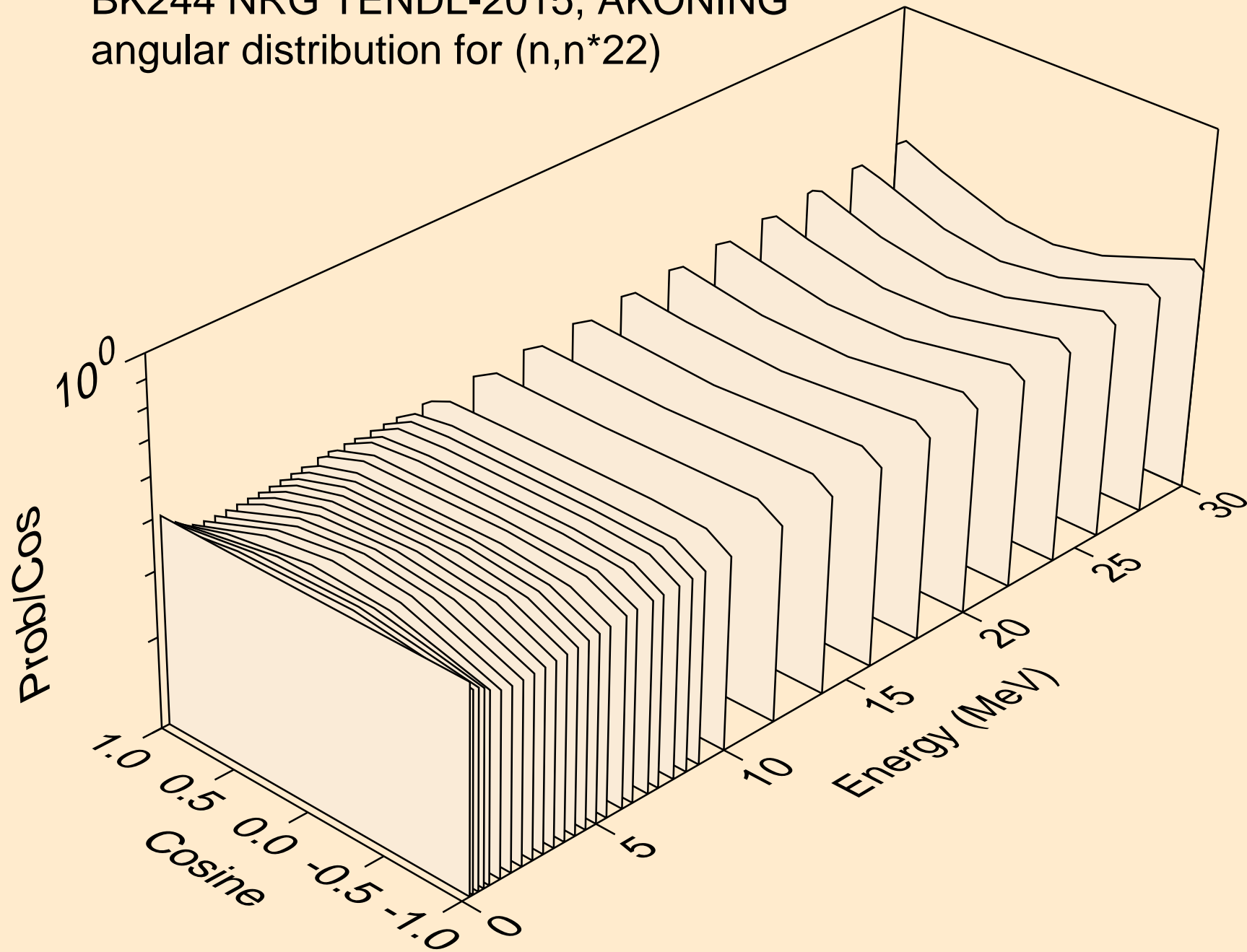
BK244 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



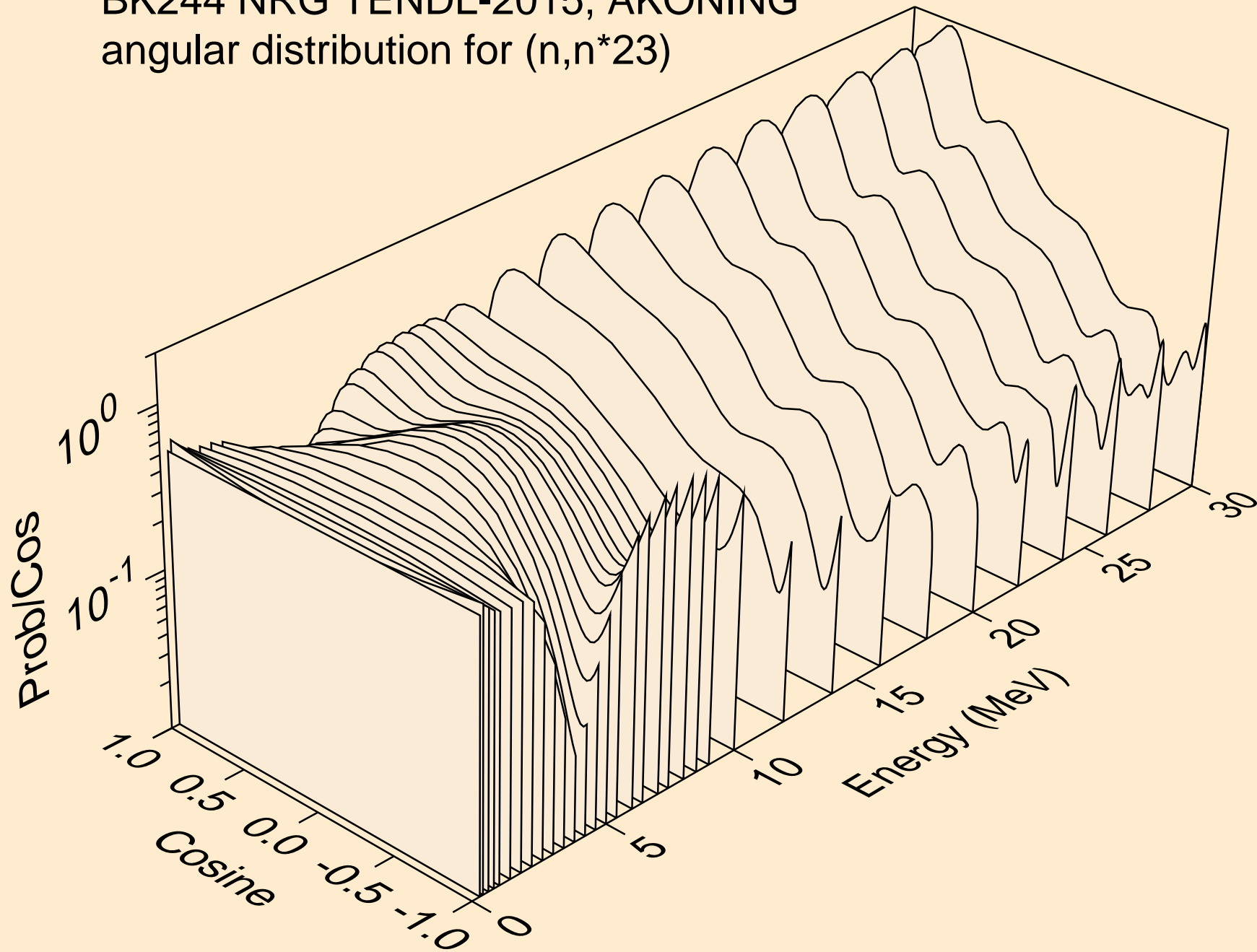
BK244 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



BK244 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

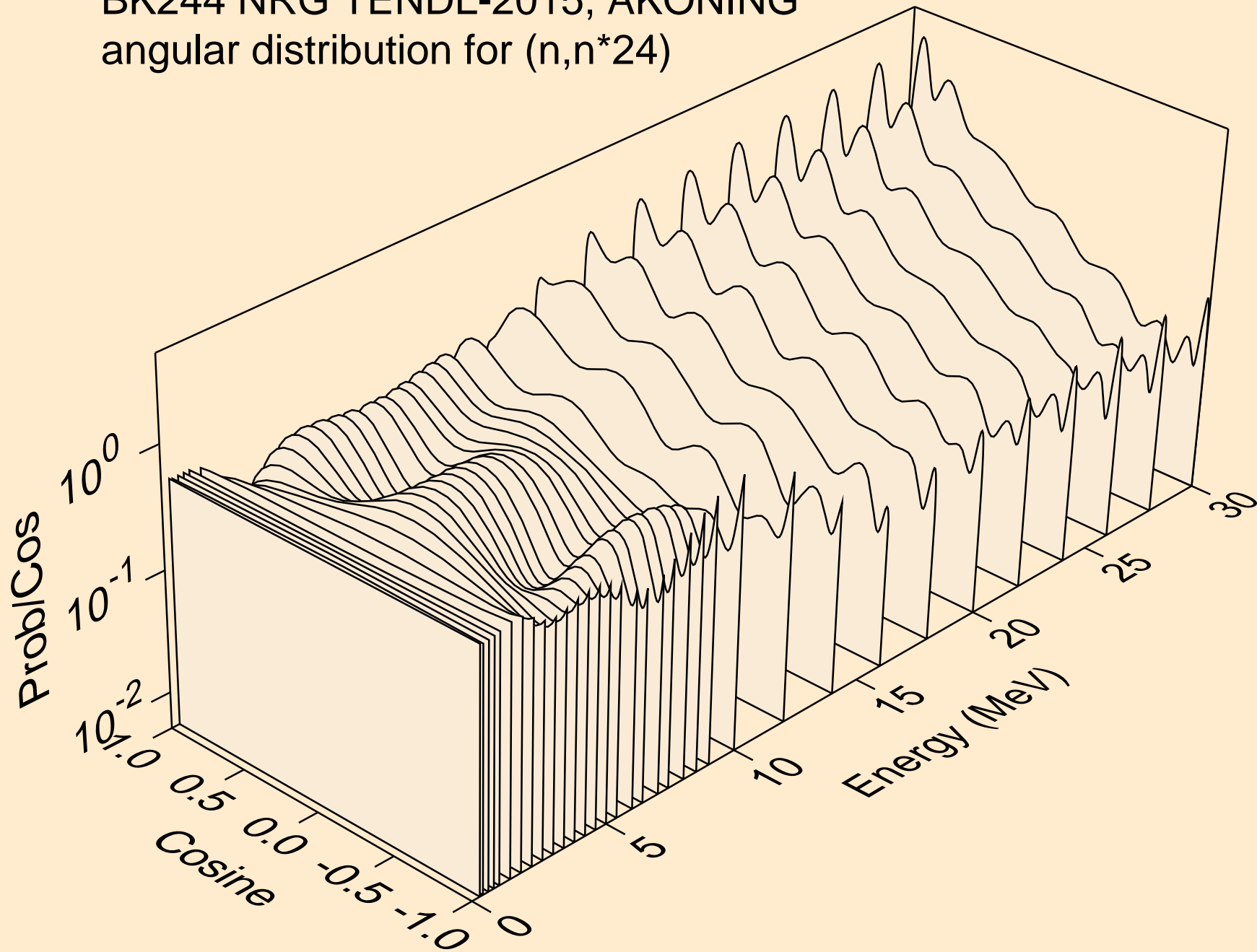


BK244 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

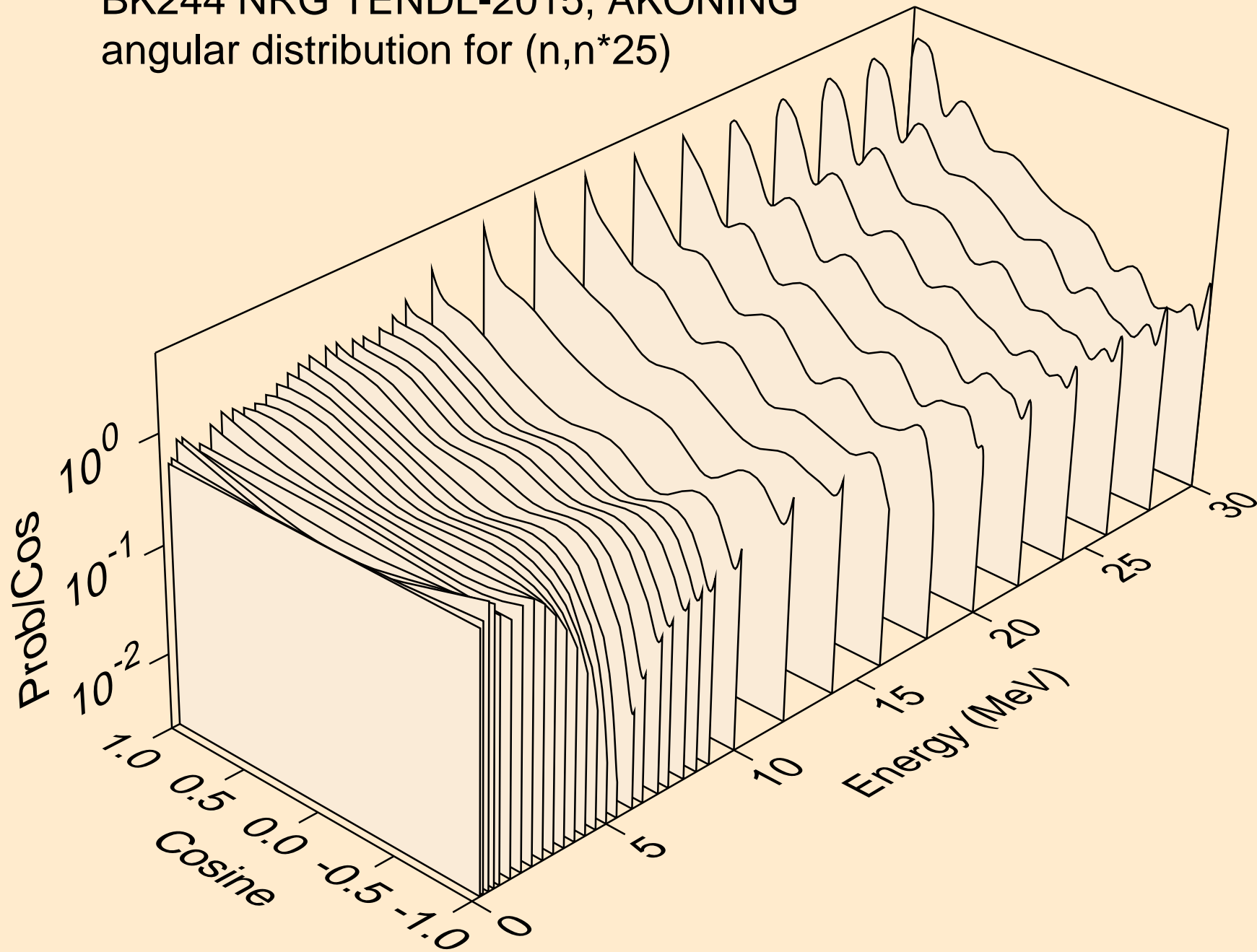




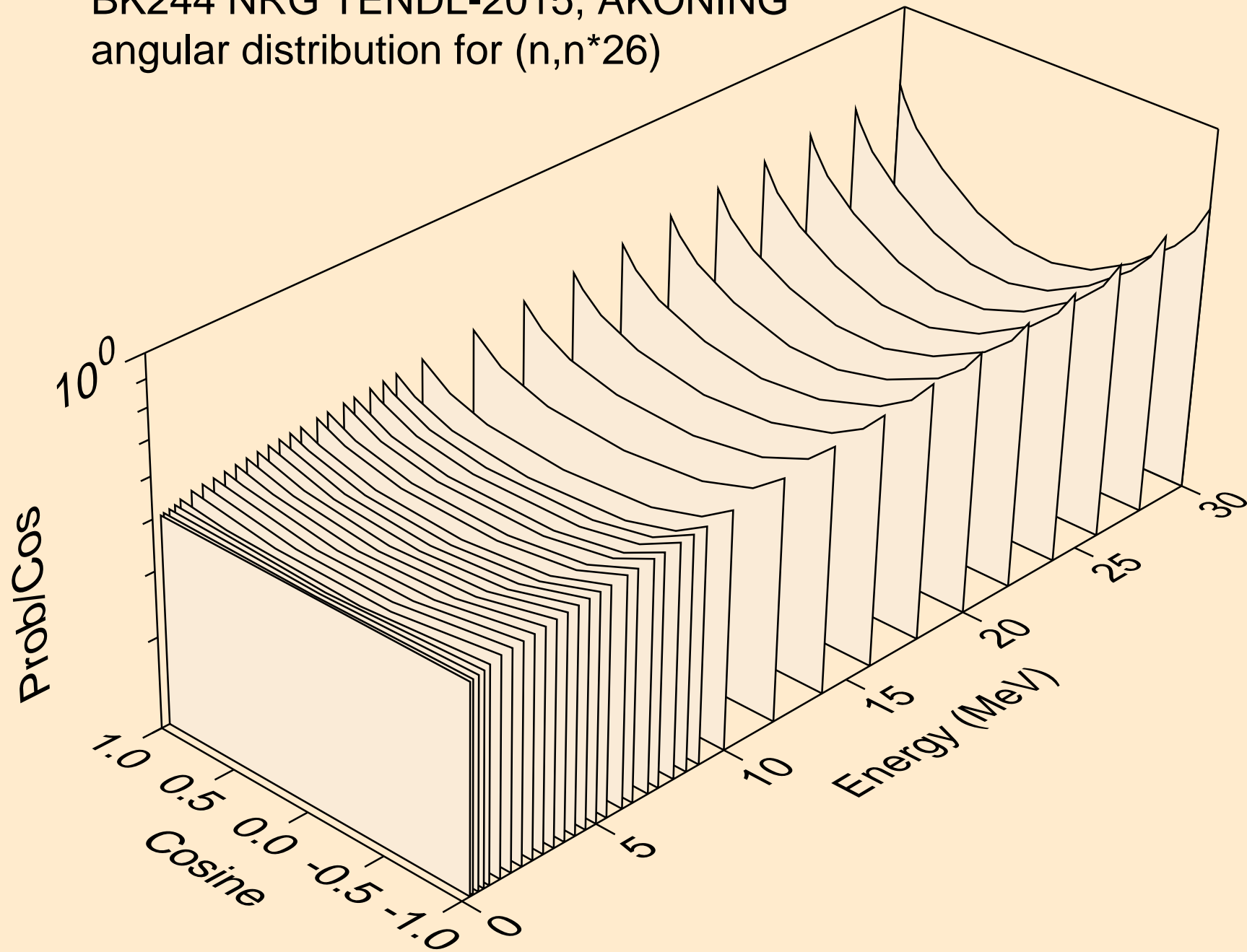
BK244 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



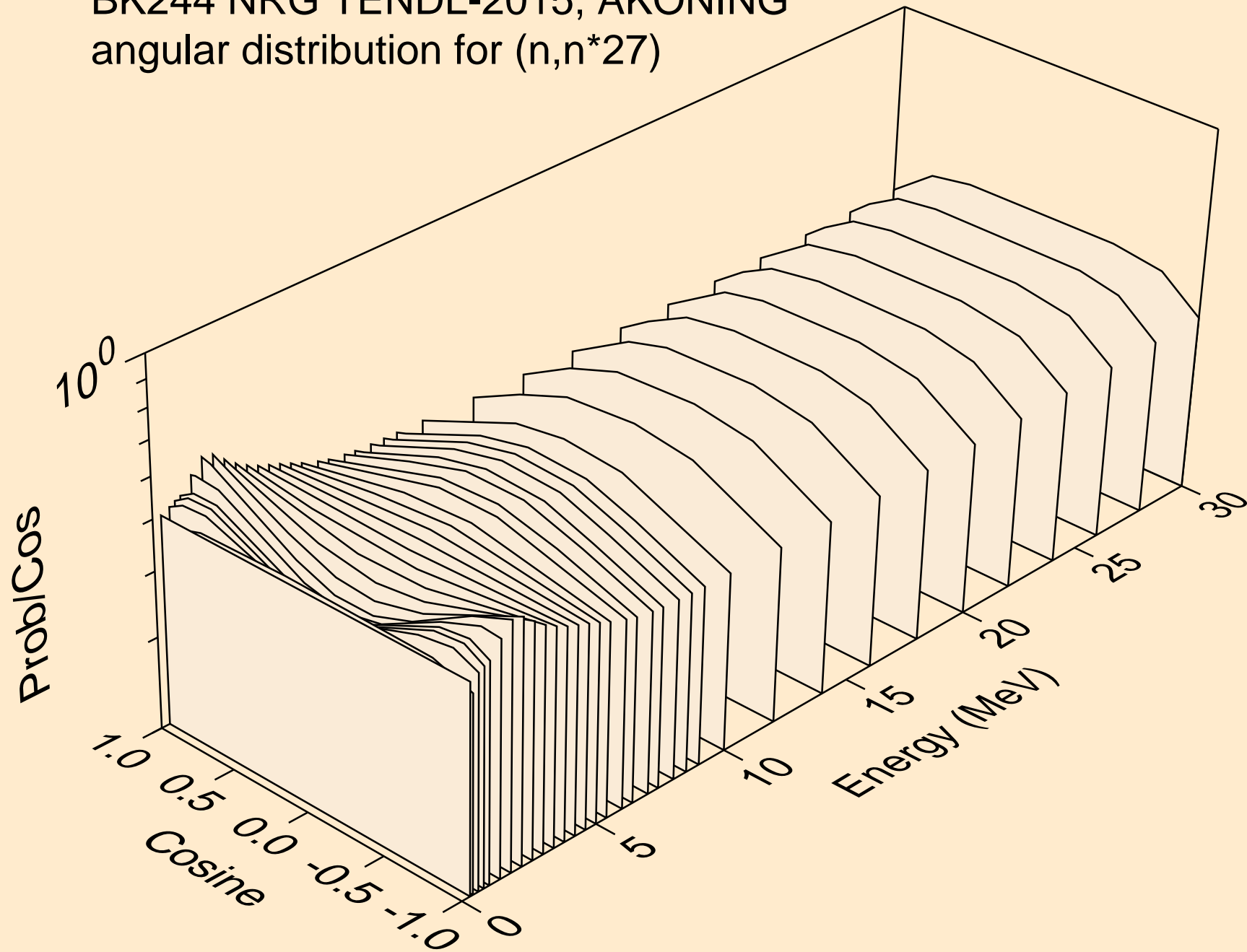
BK244 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



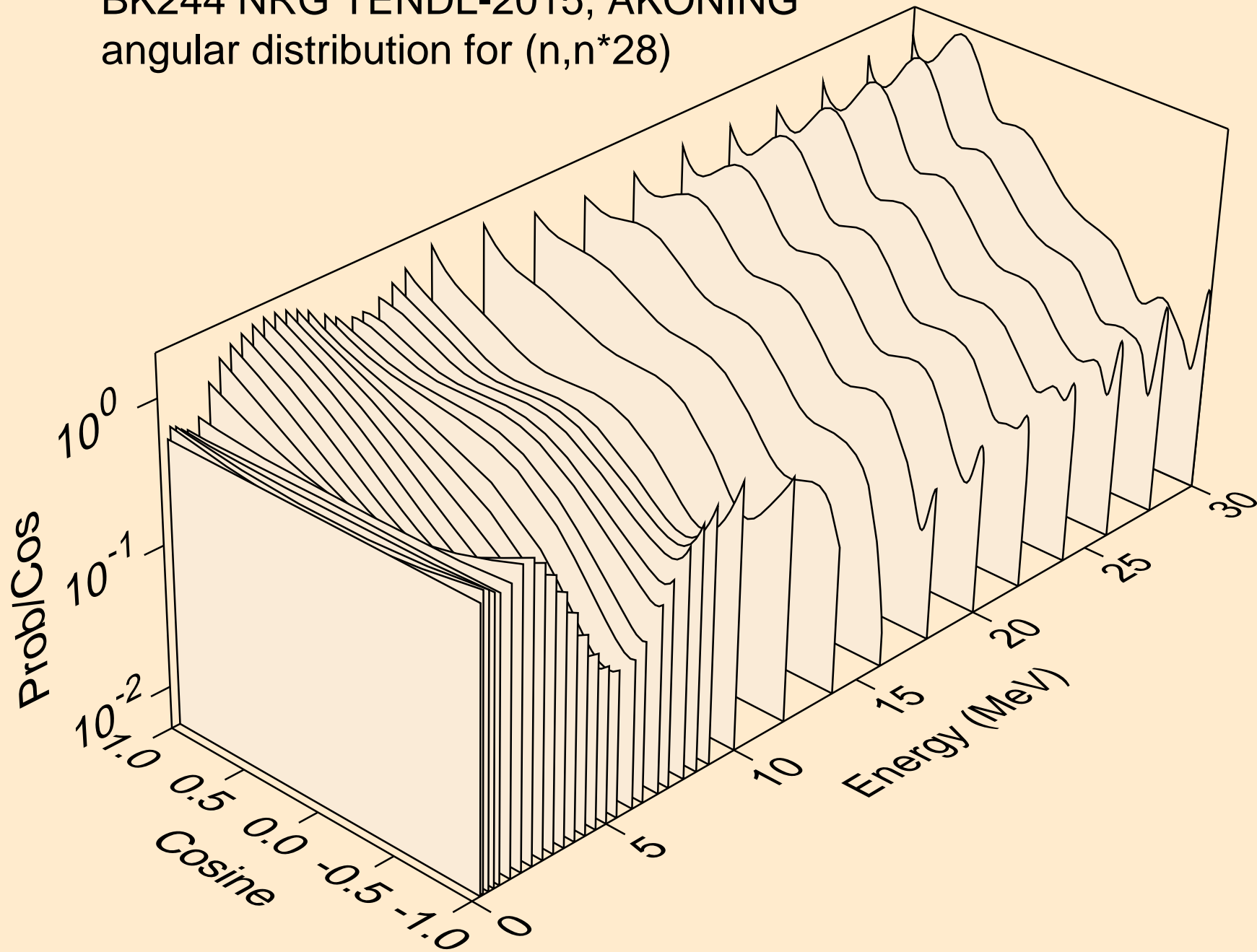
BK244 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



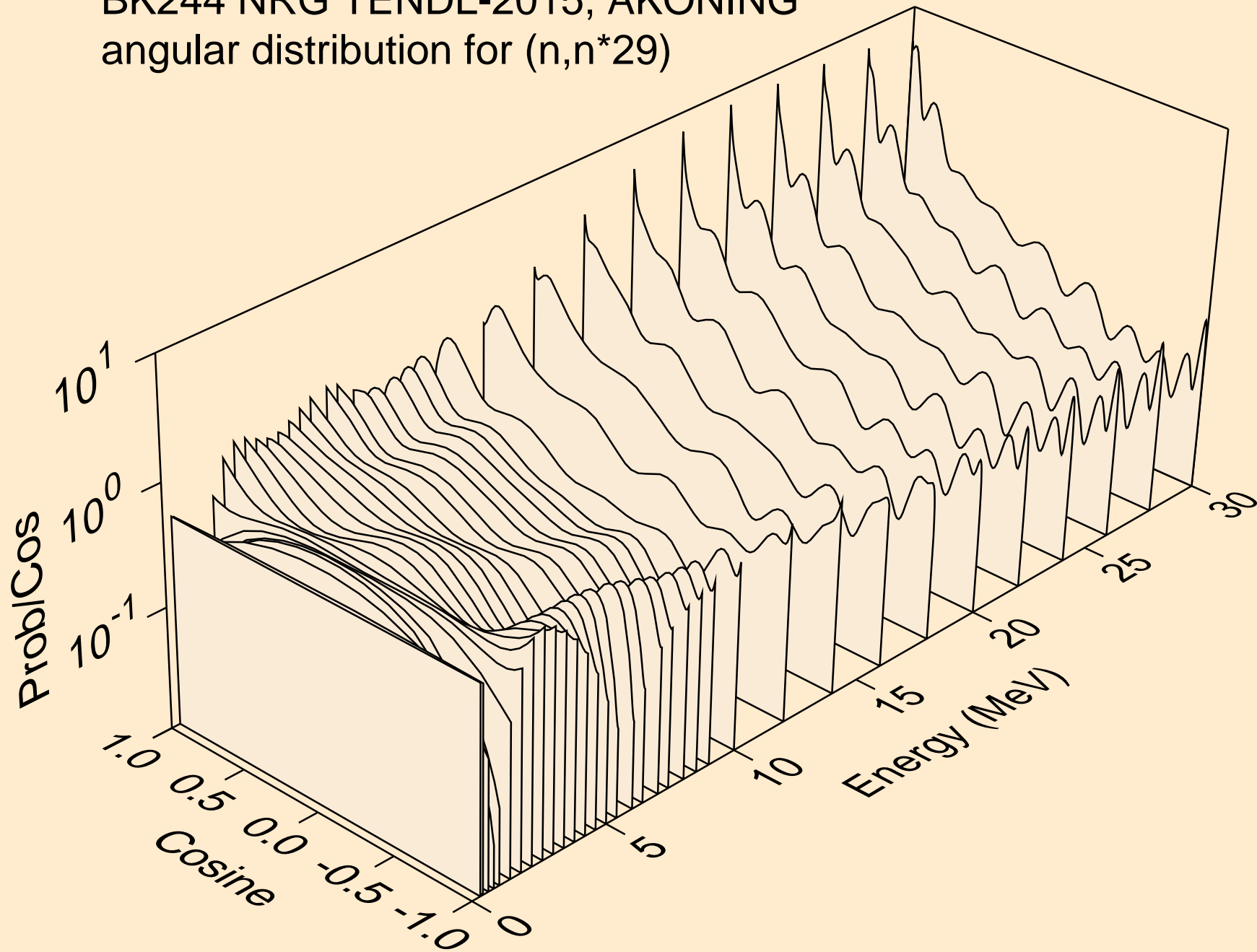
BK244 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



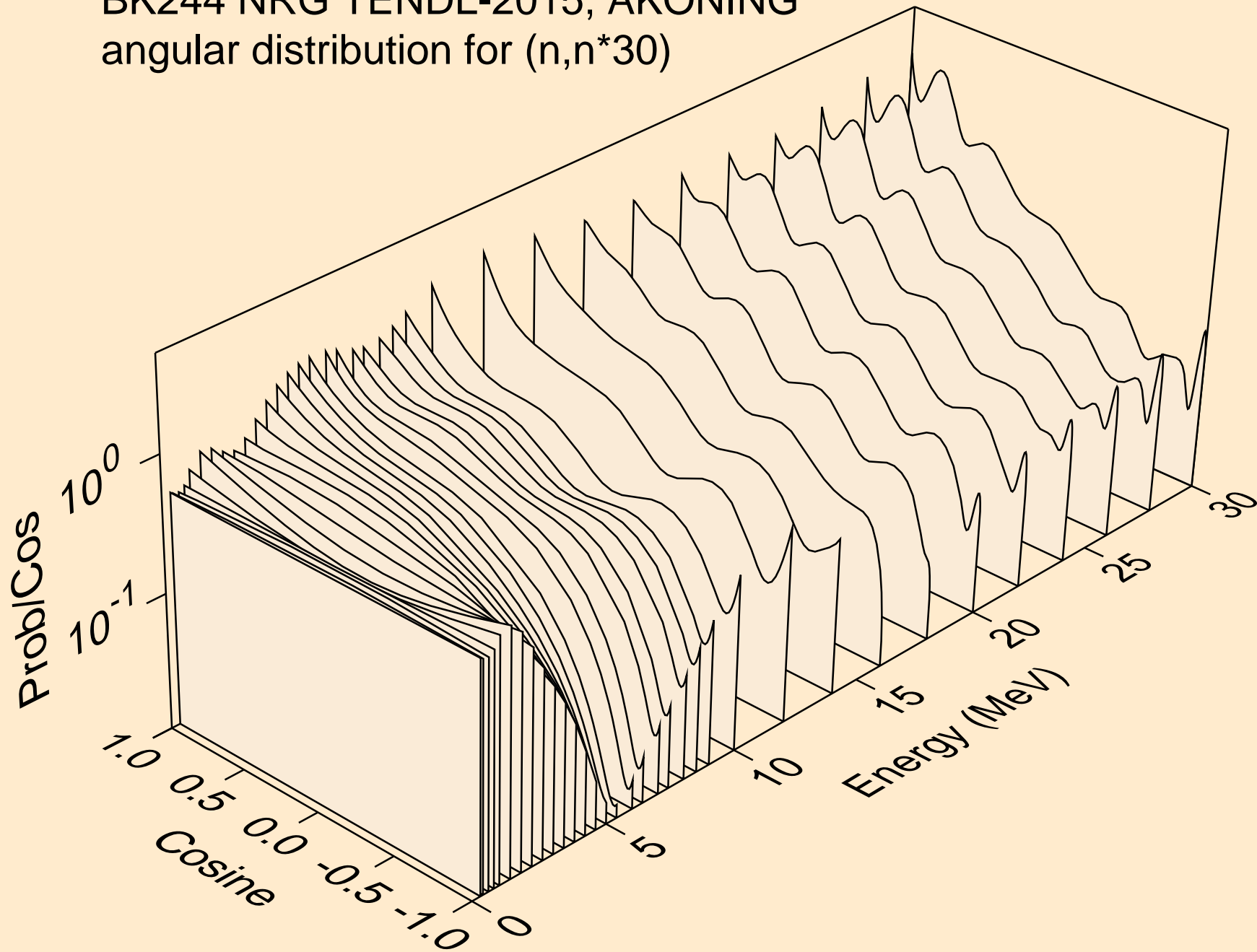
BK244 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



BK244 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

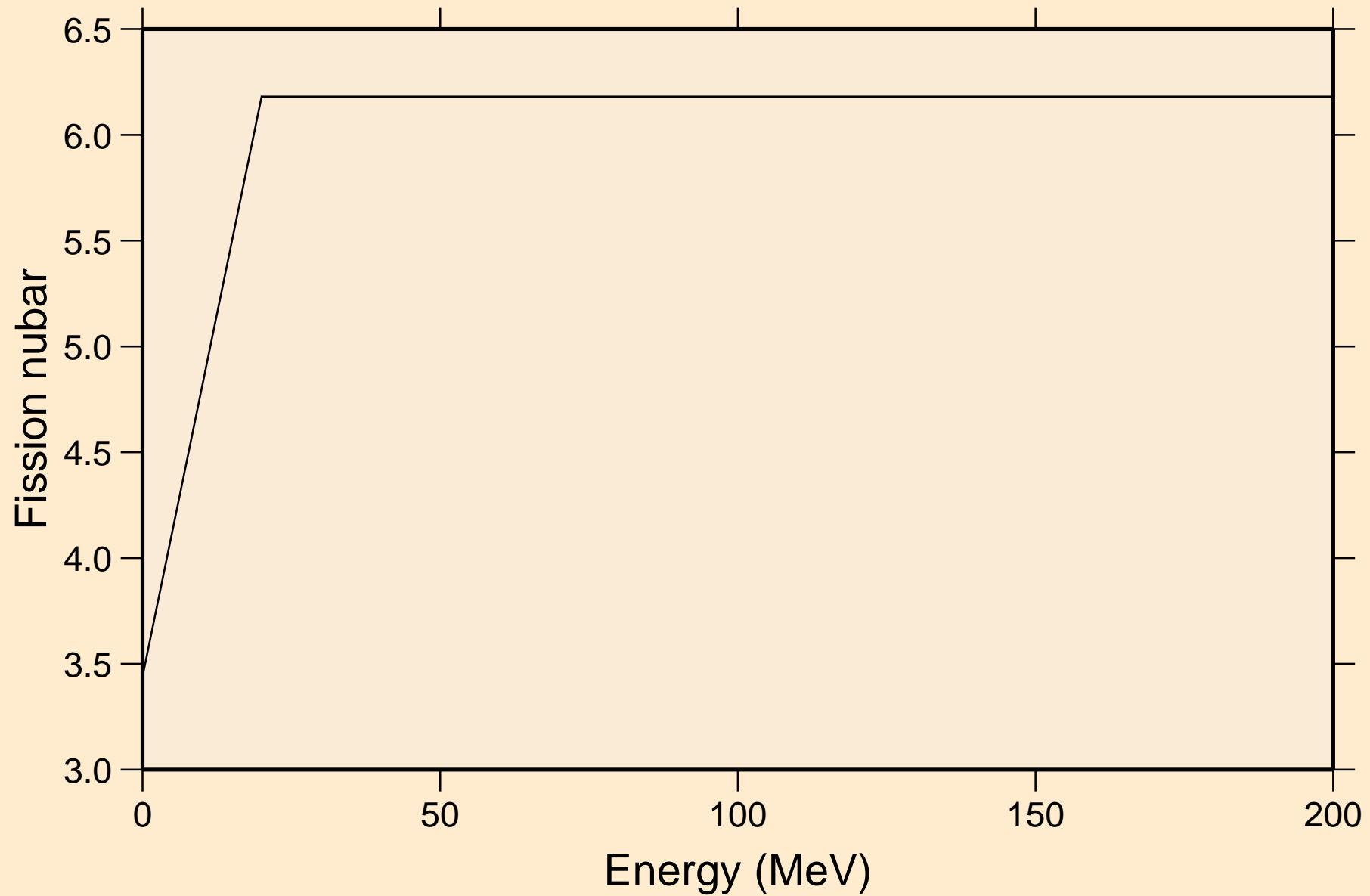


BK244 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)



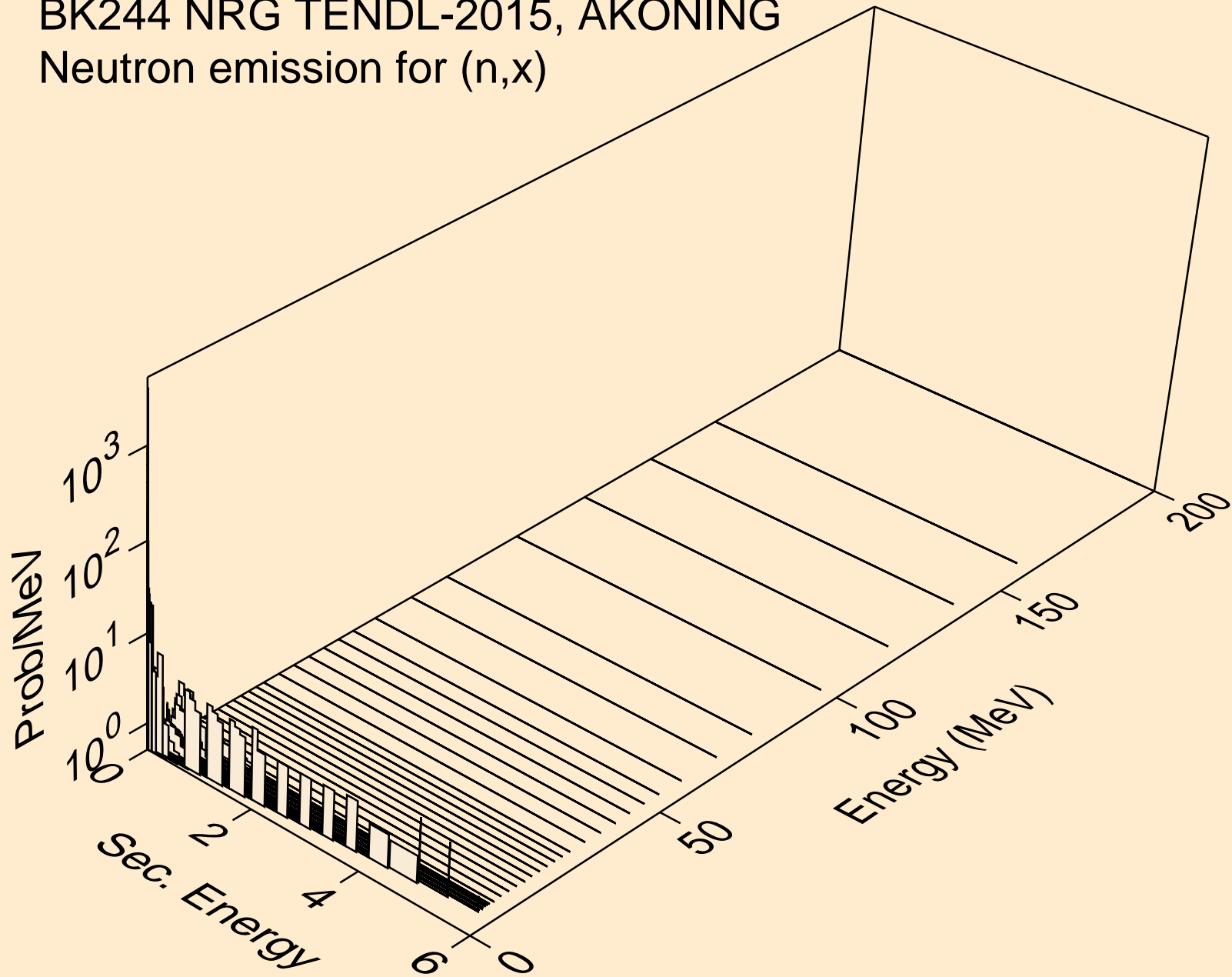
# BK244 NRG TENDL-2015, AKONING

Total fission nubar

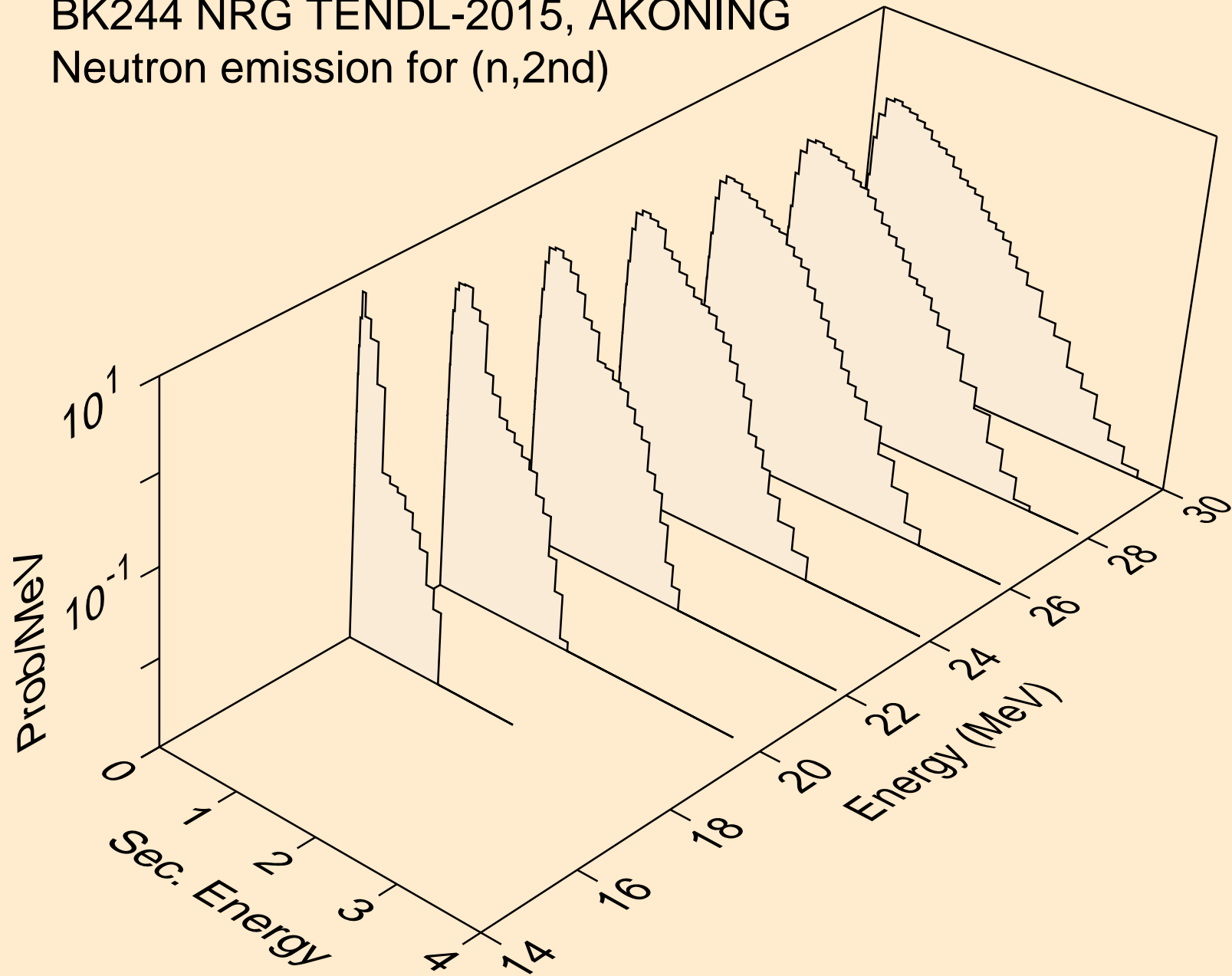




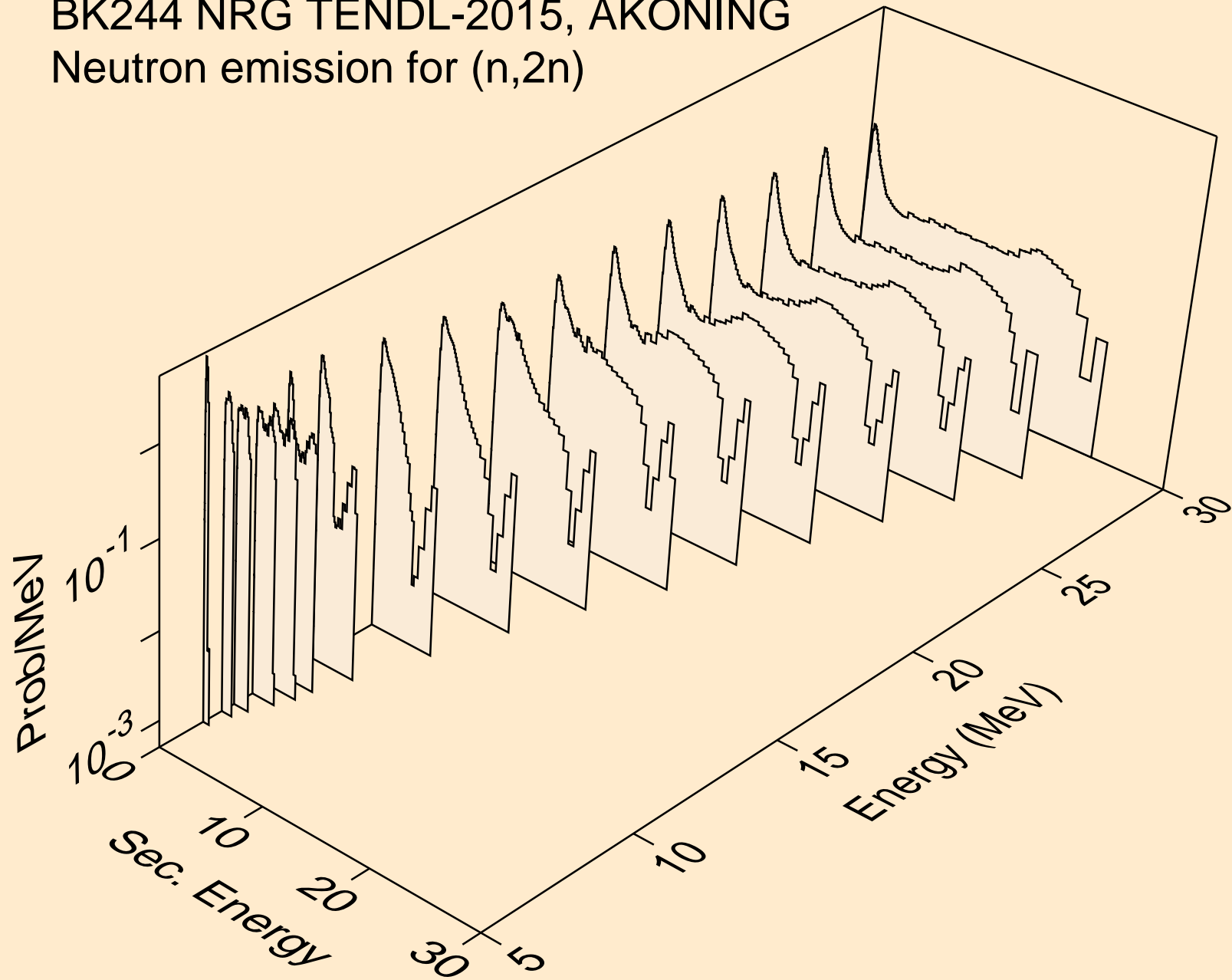
BK244 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



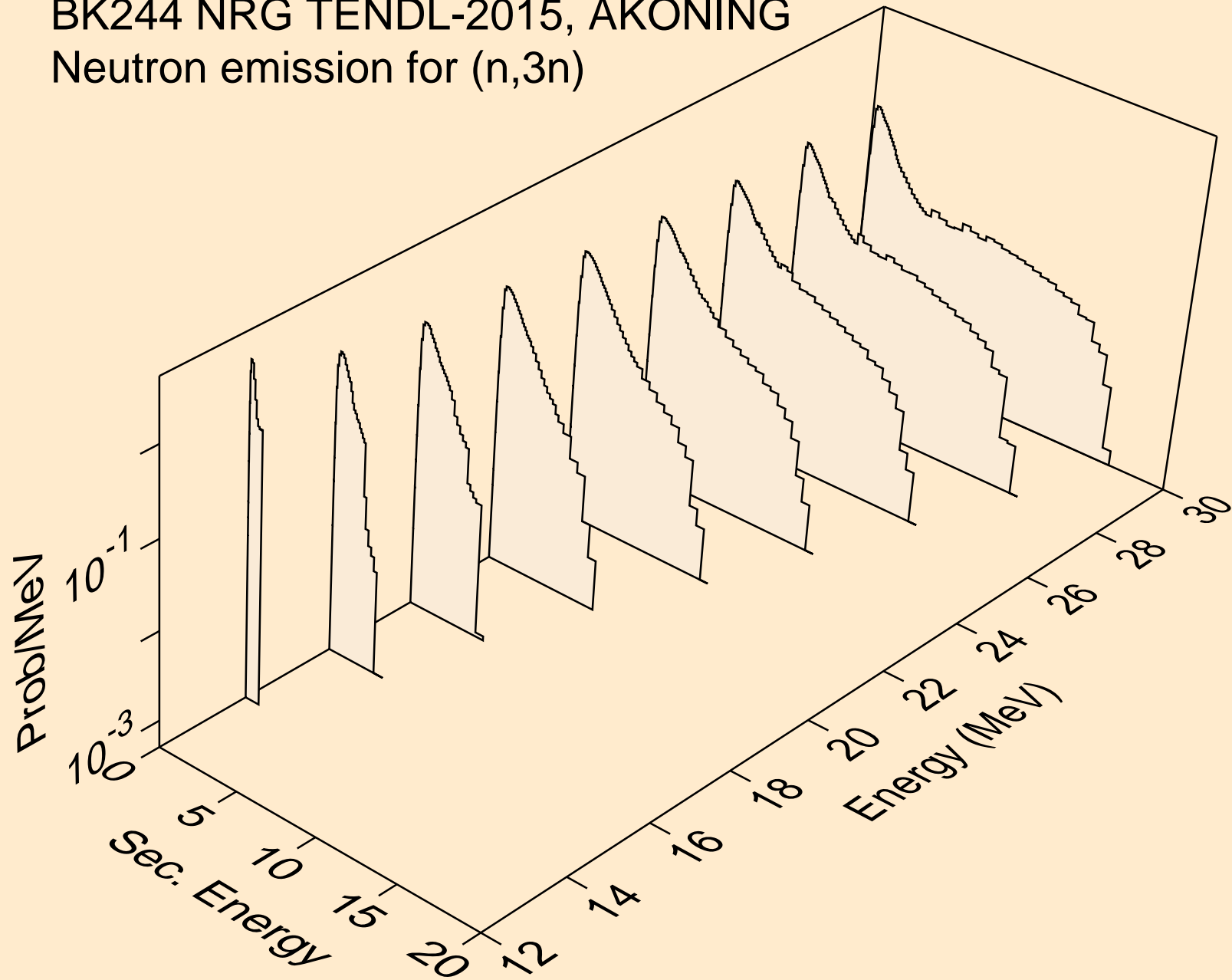
BK244 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



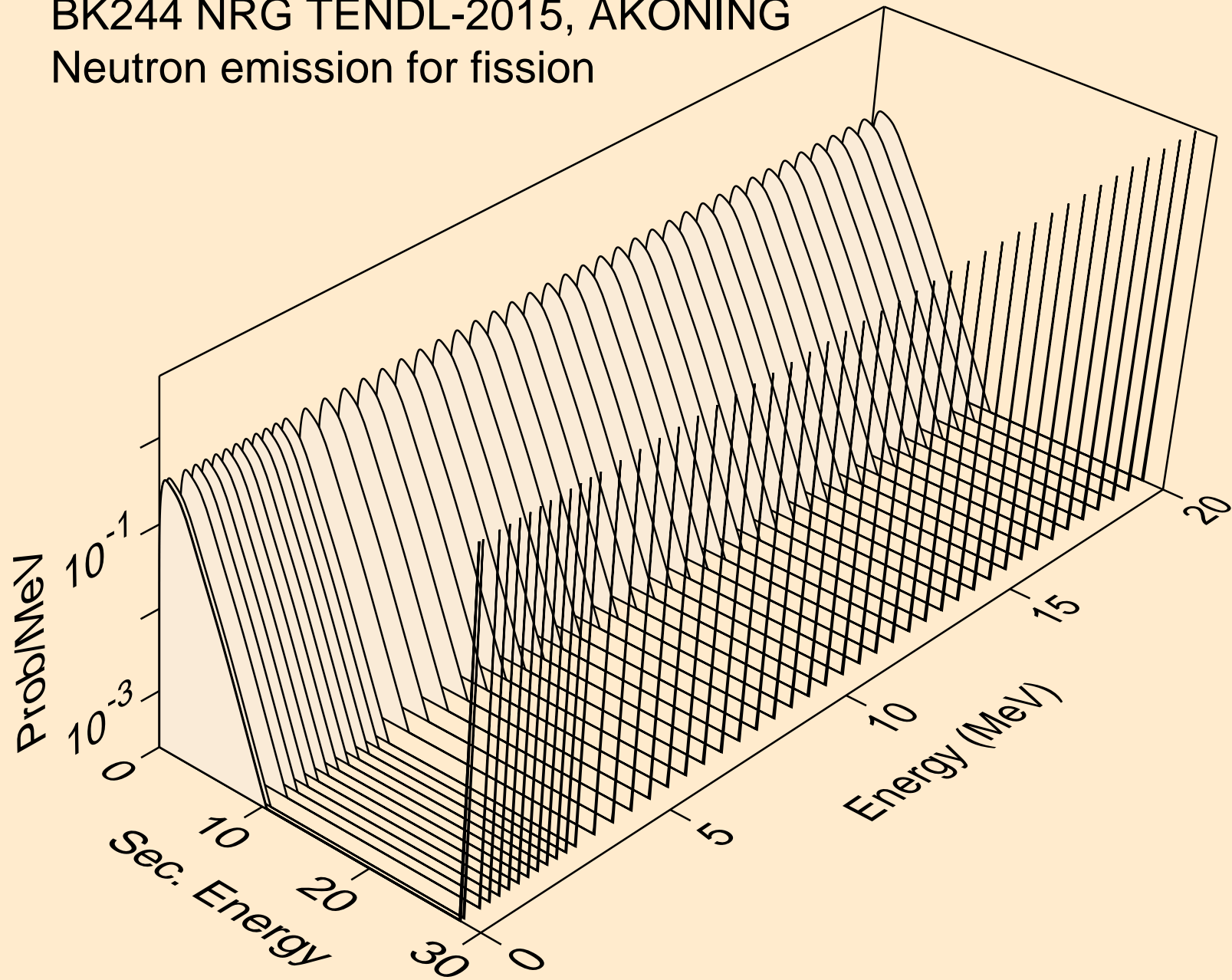
BK244 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



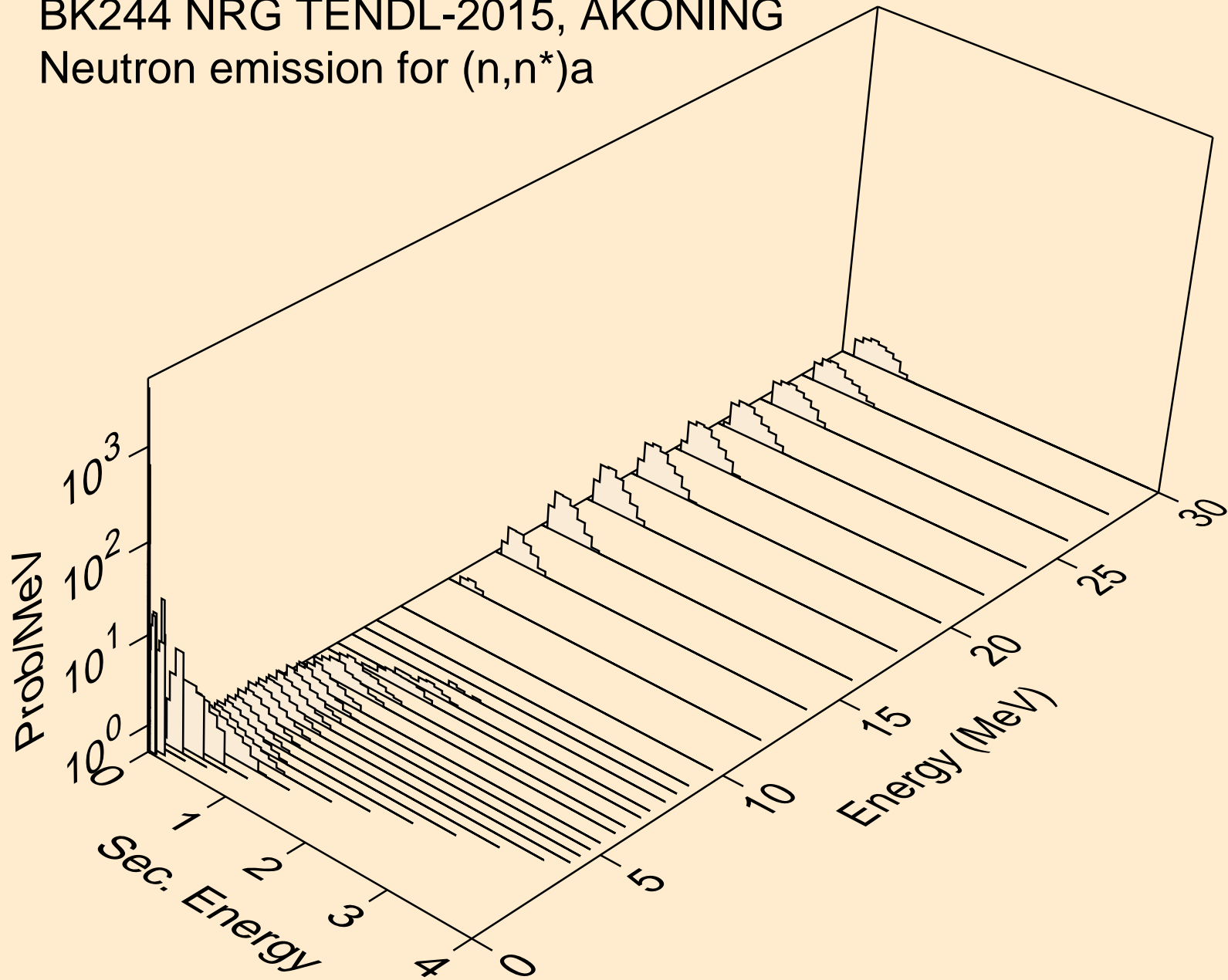
BK244 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



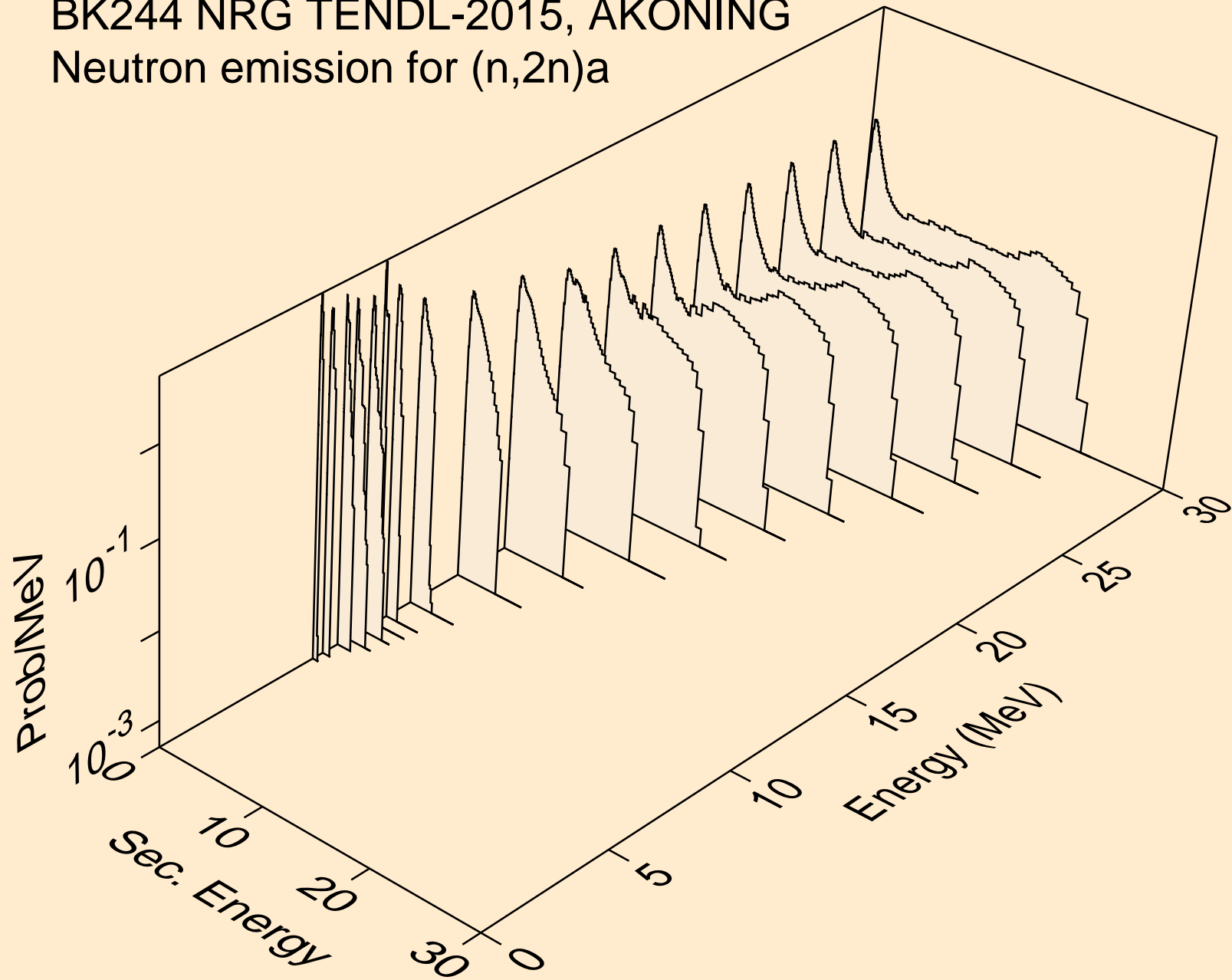
BK244 NRG TENDL-2015, AKONING  
Neutron emission for fission



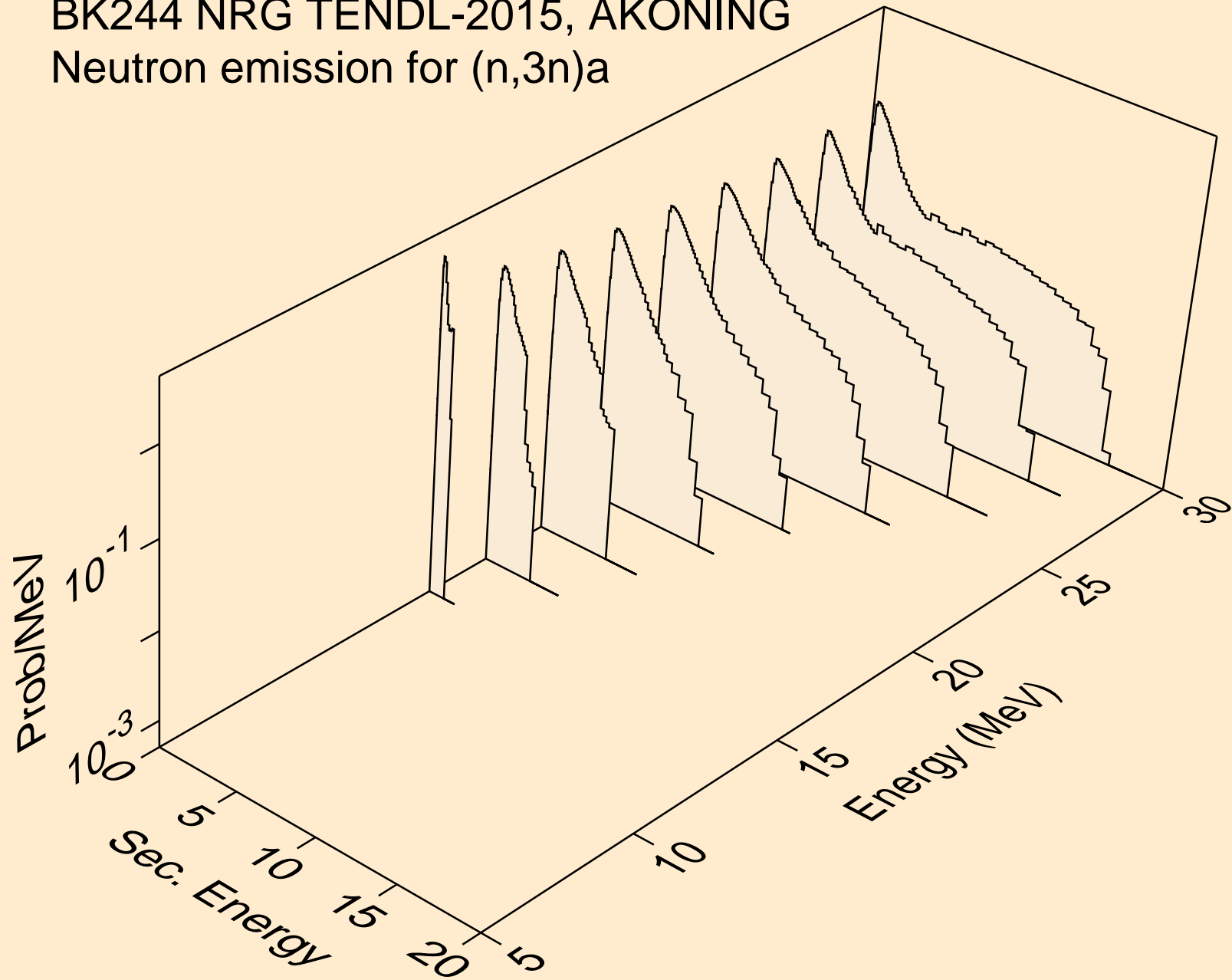
BK244 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



BK244 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

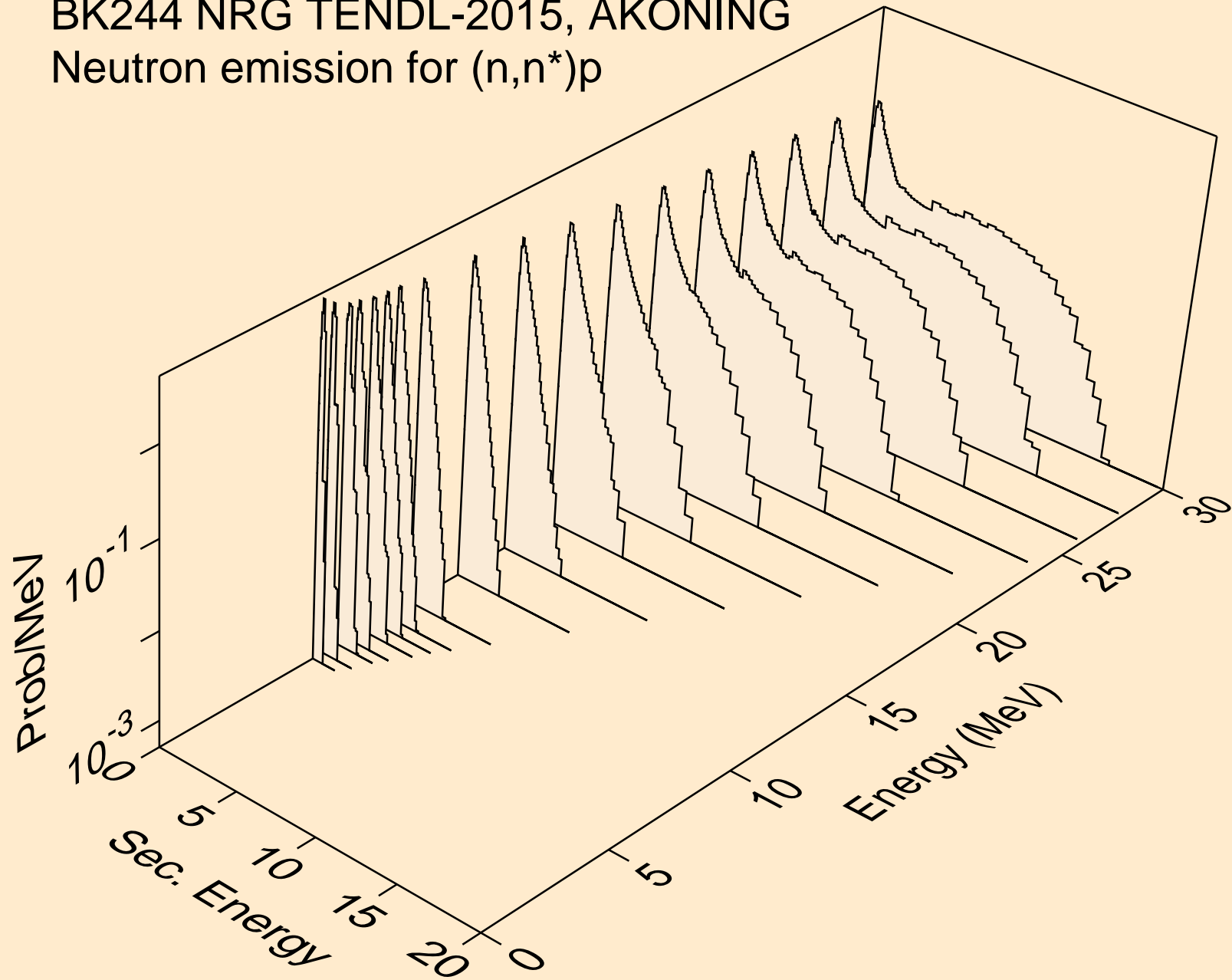


BK244 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

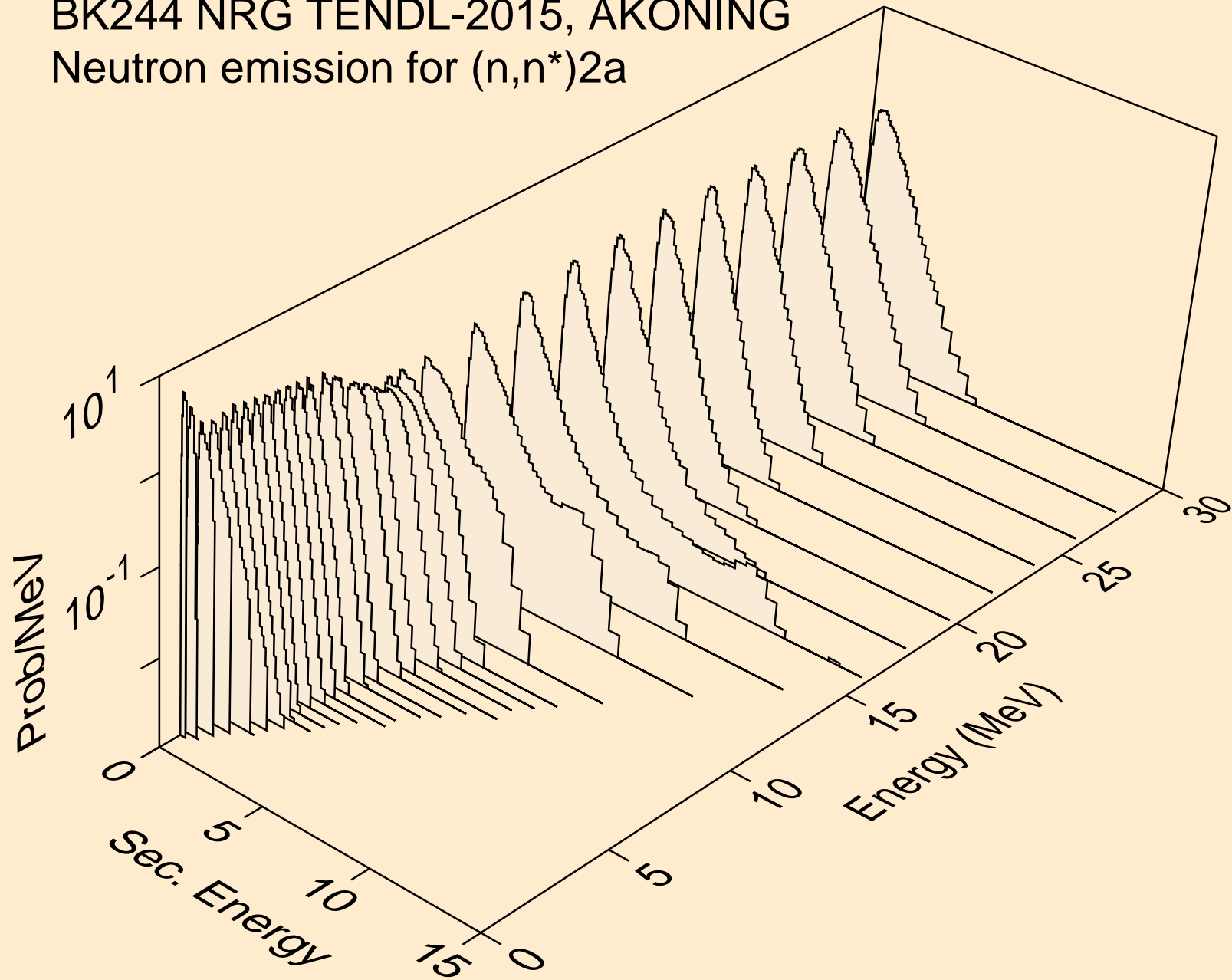




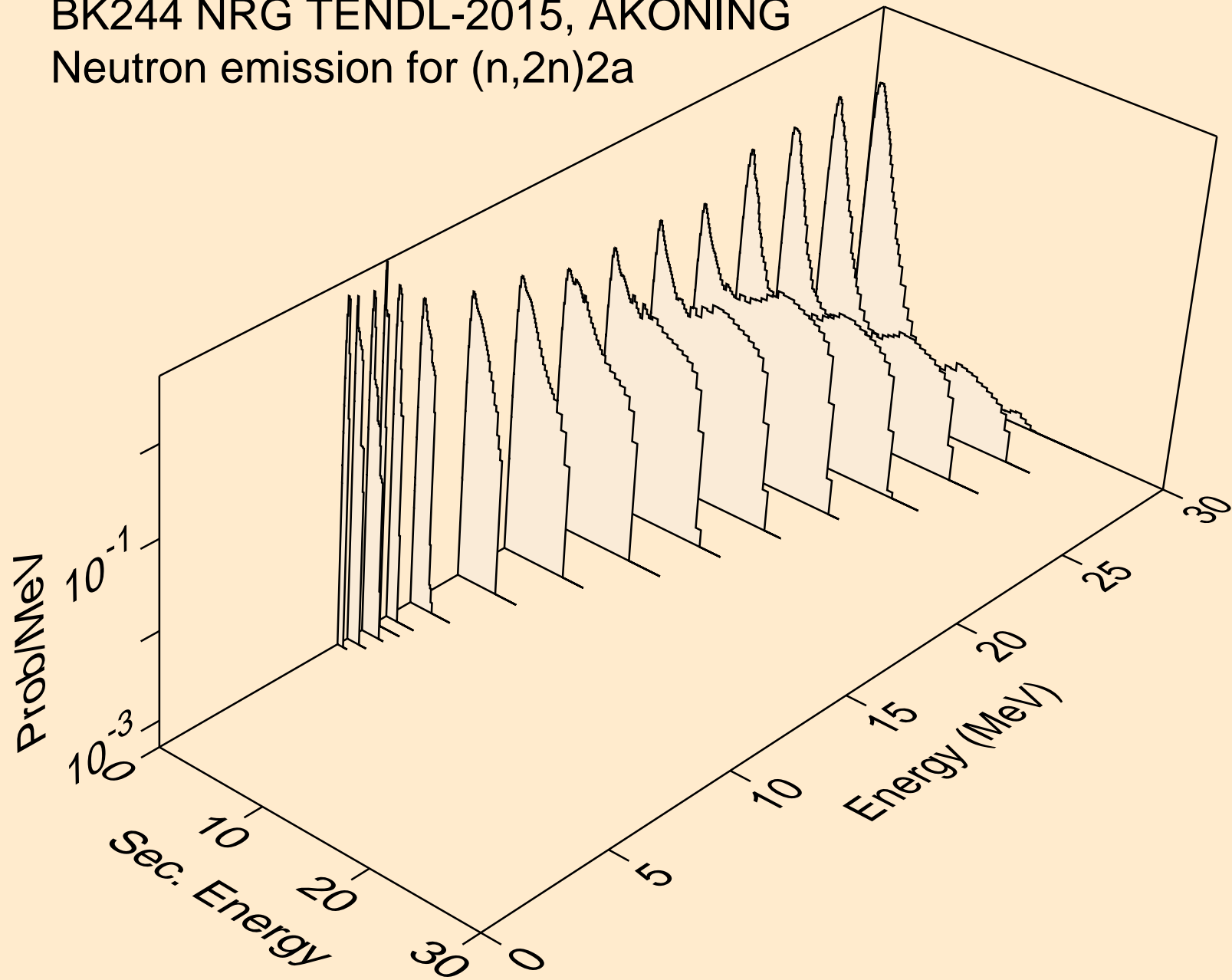
BK244 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



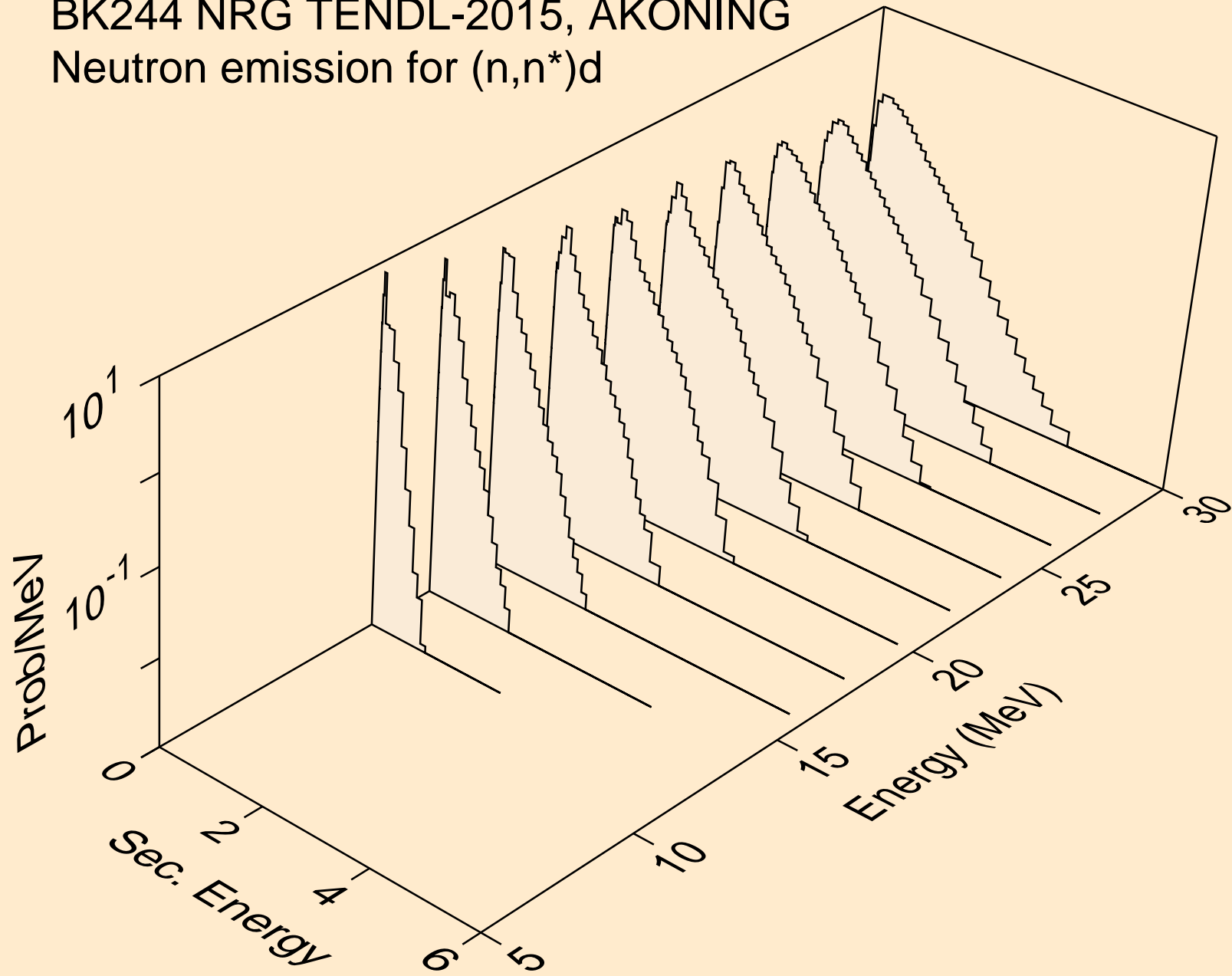
BK244 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



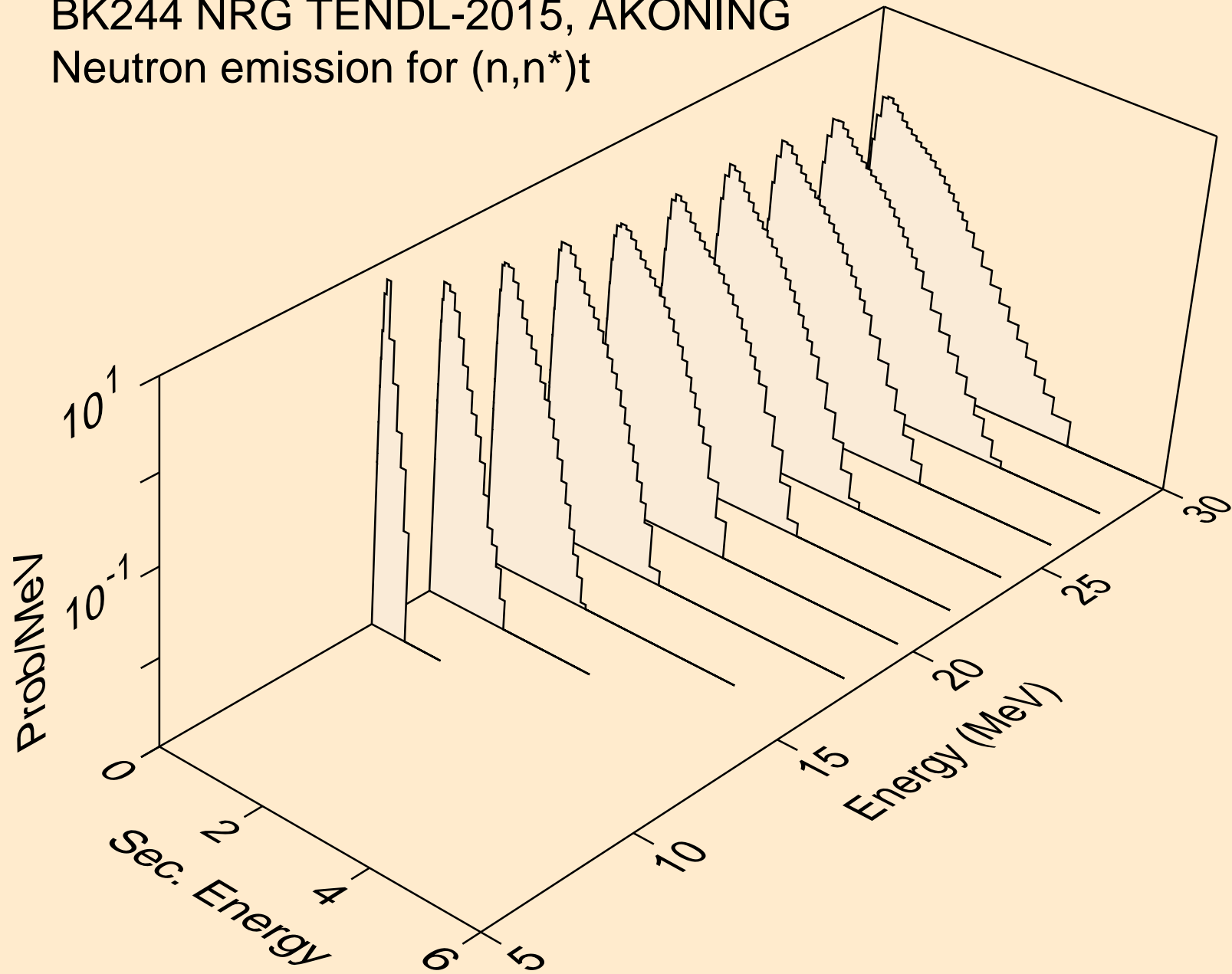
BK244 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



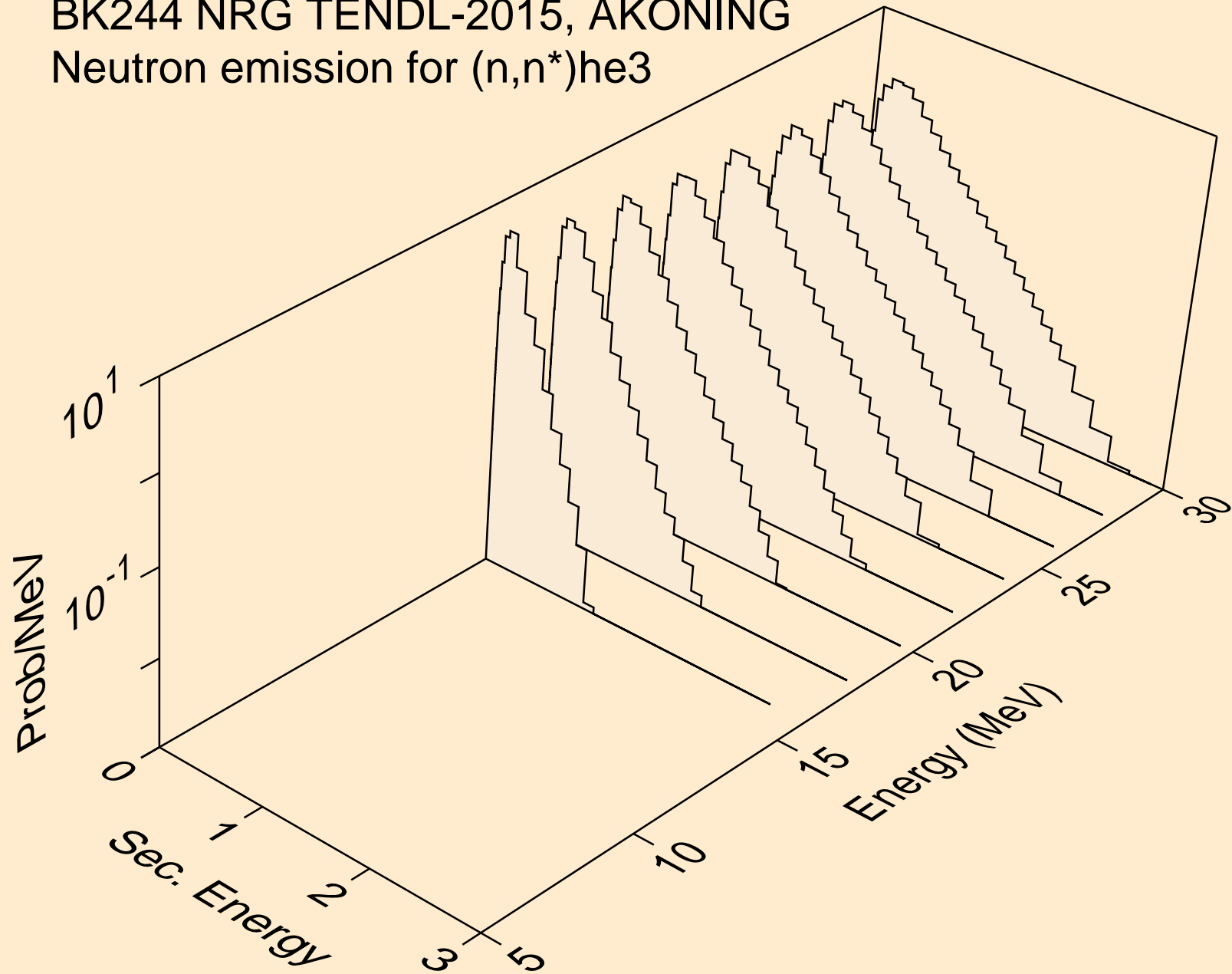
BK244 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



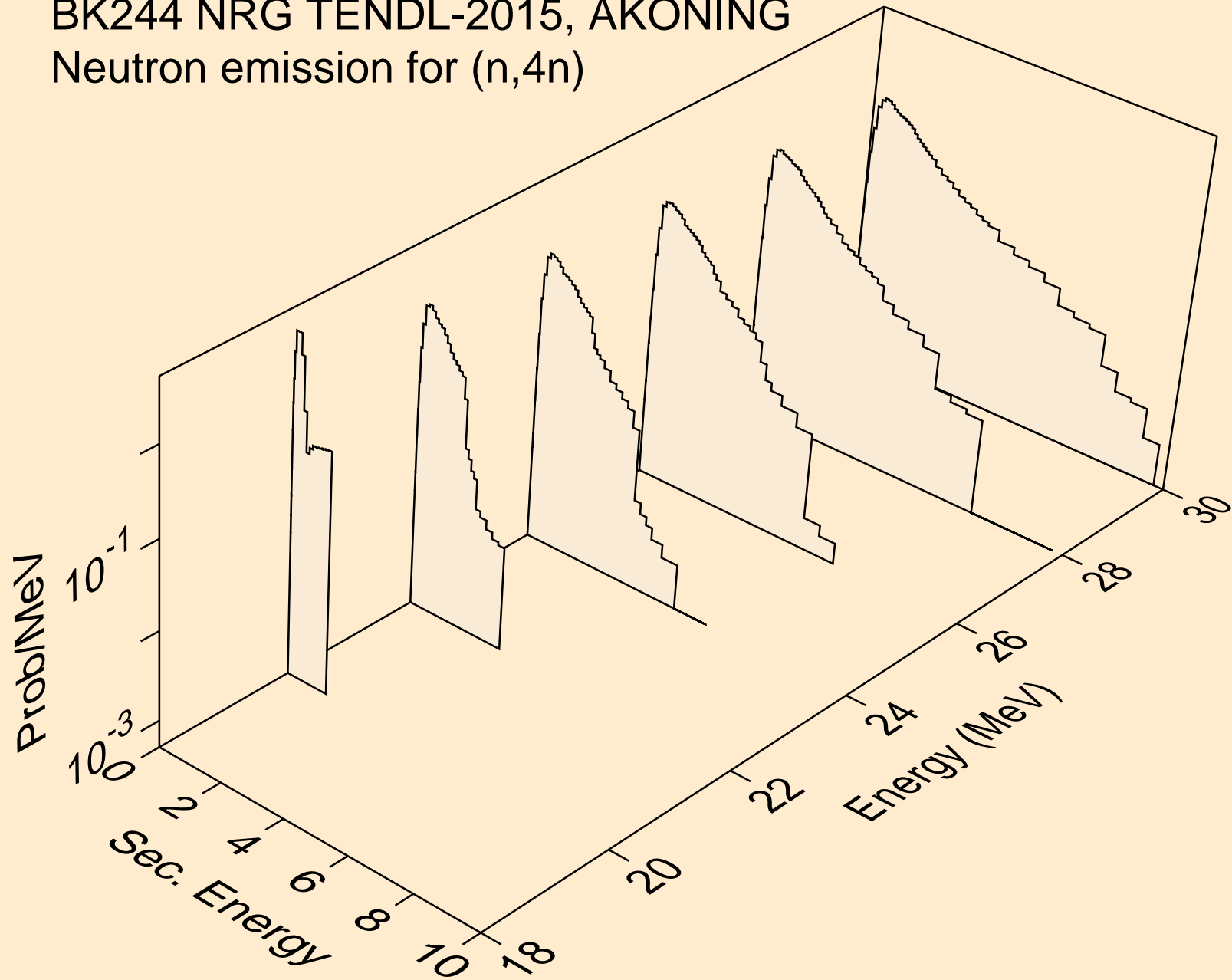
BK244 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



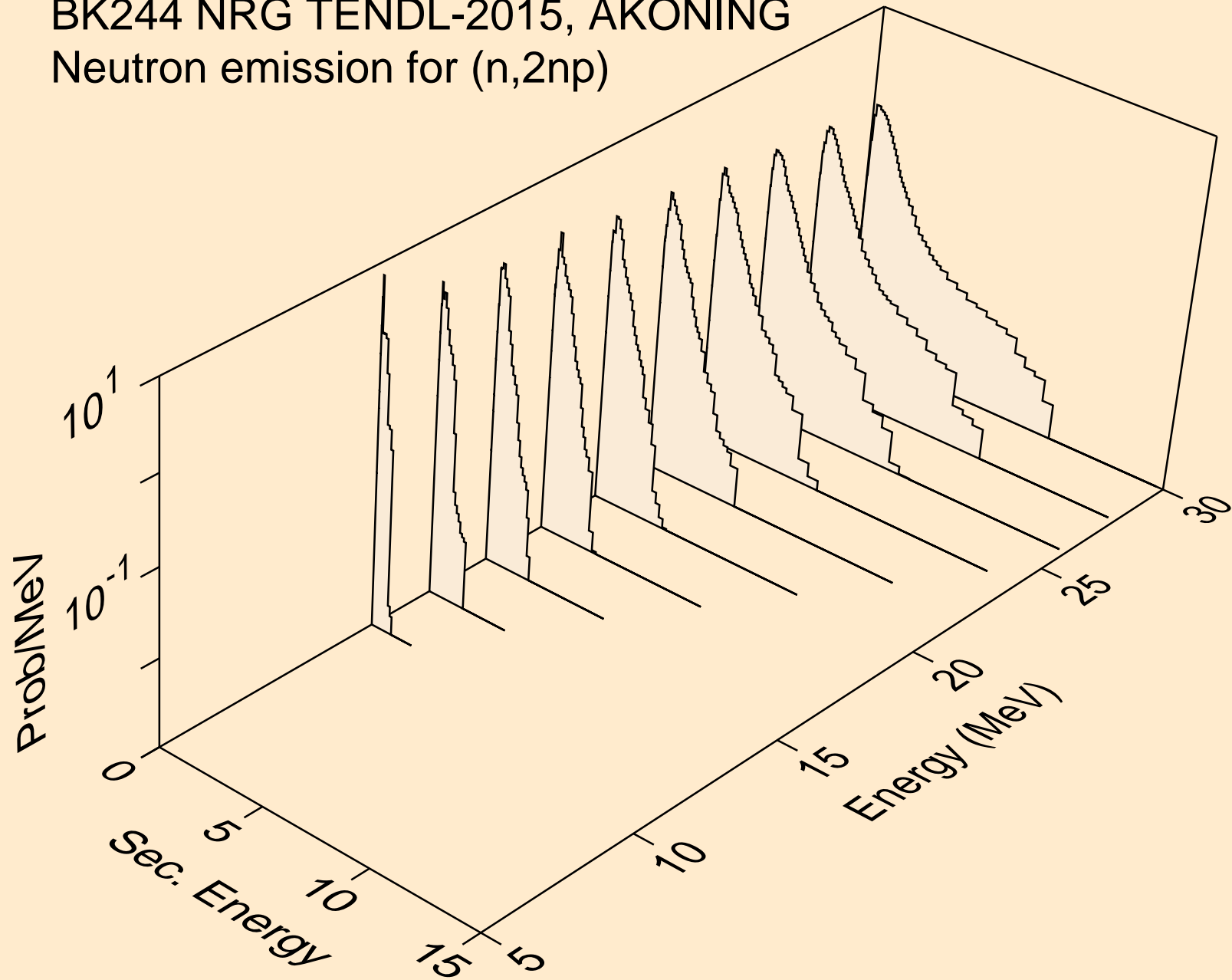
BK244 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



BK244 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)

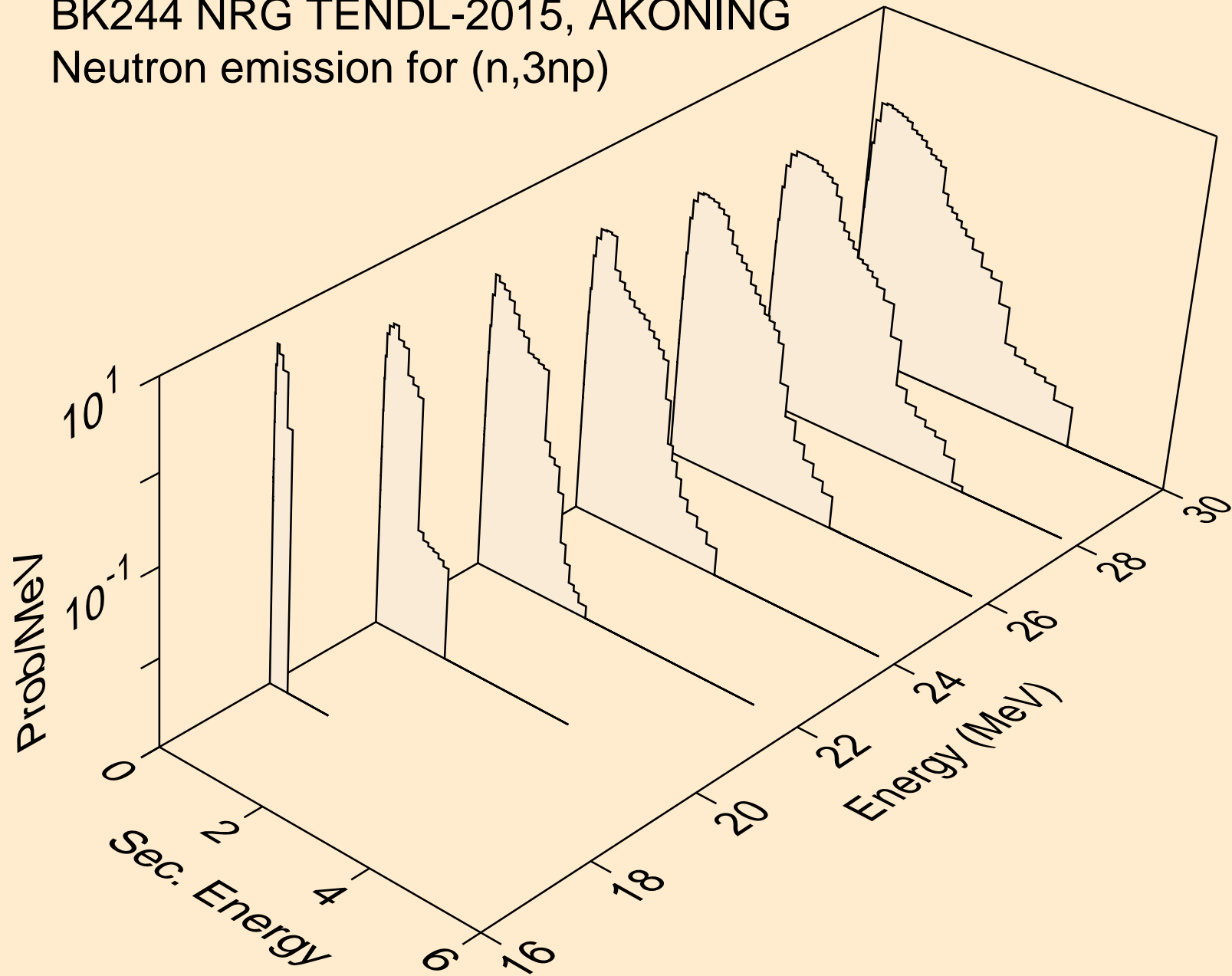


BK244 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

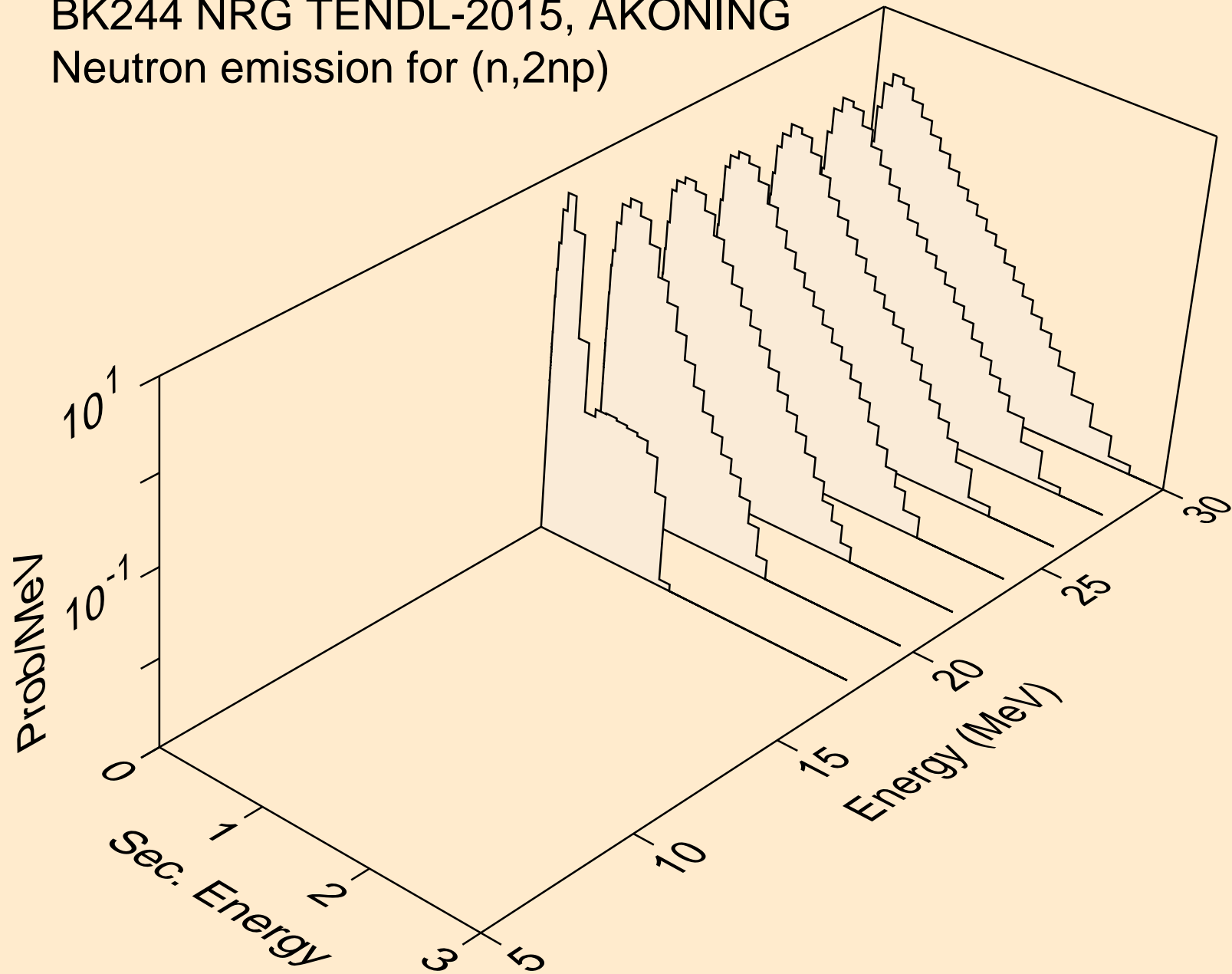




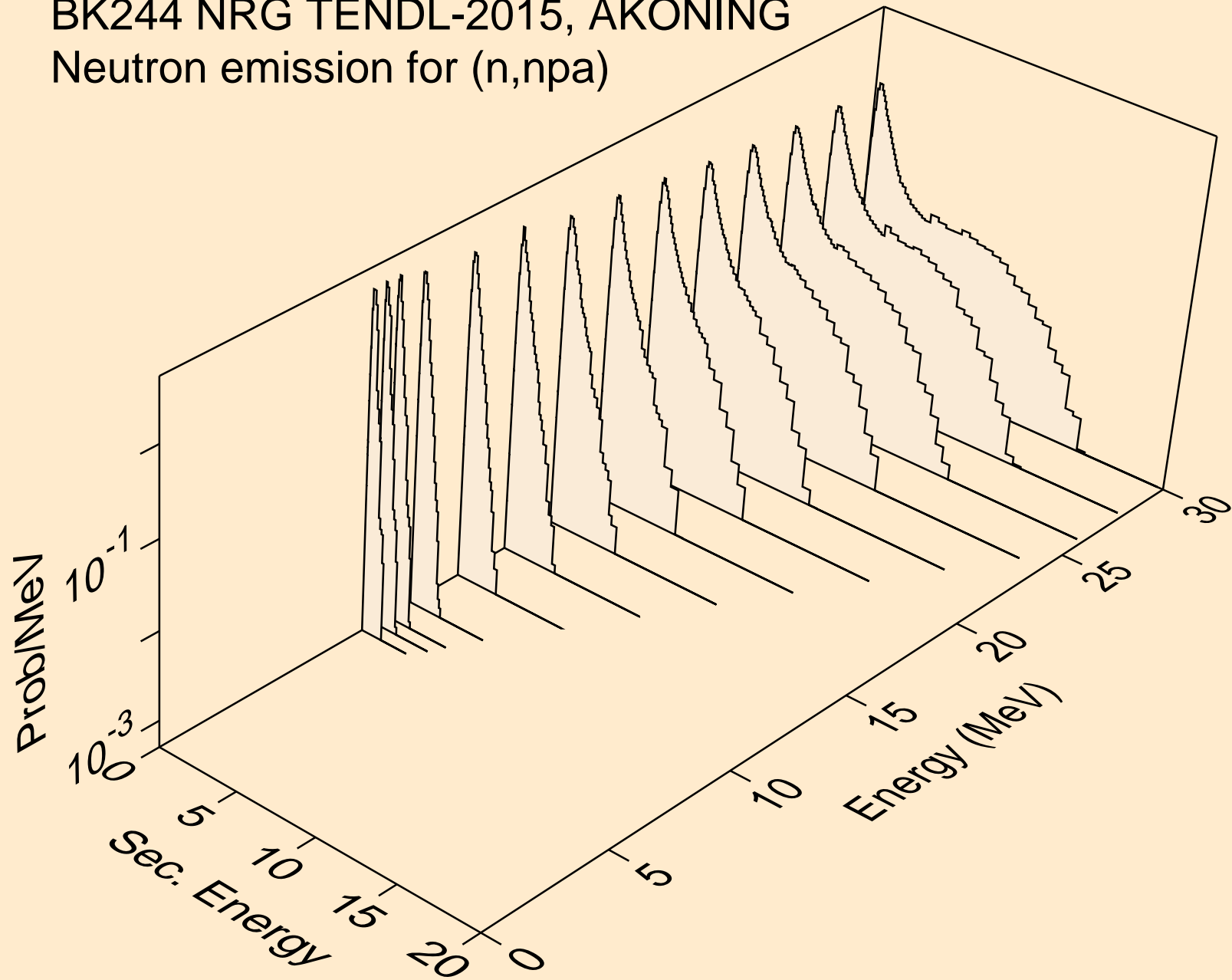
BK244 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



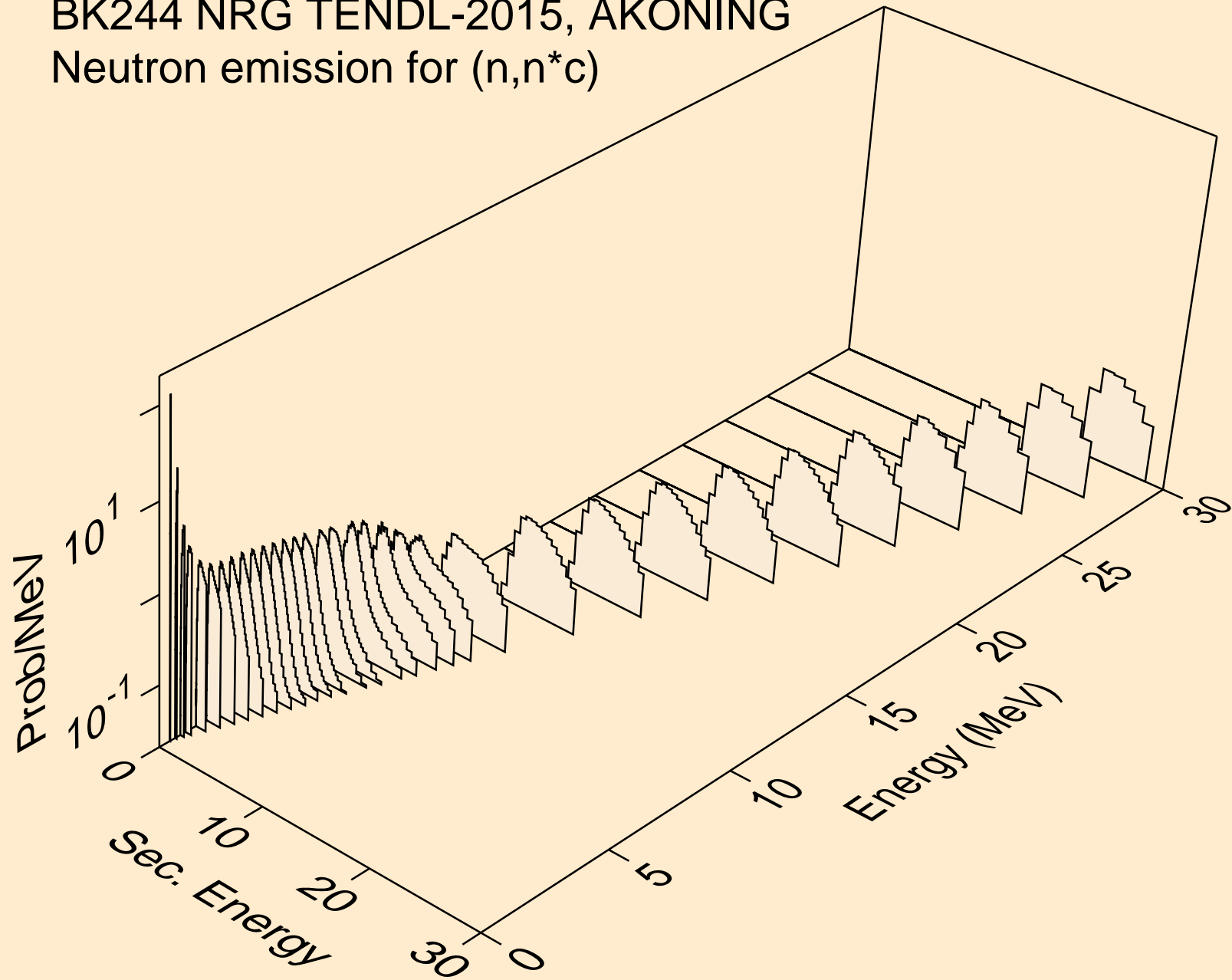
BK244 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



BK244 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

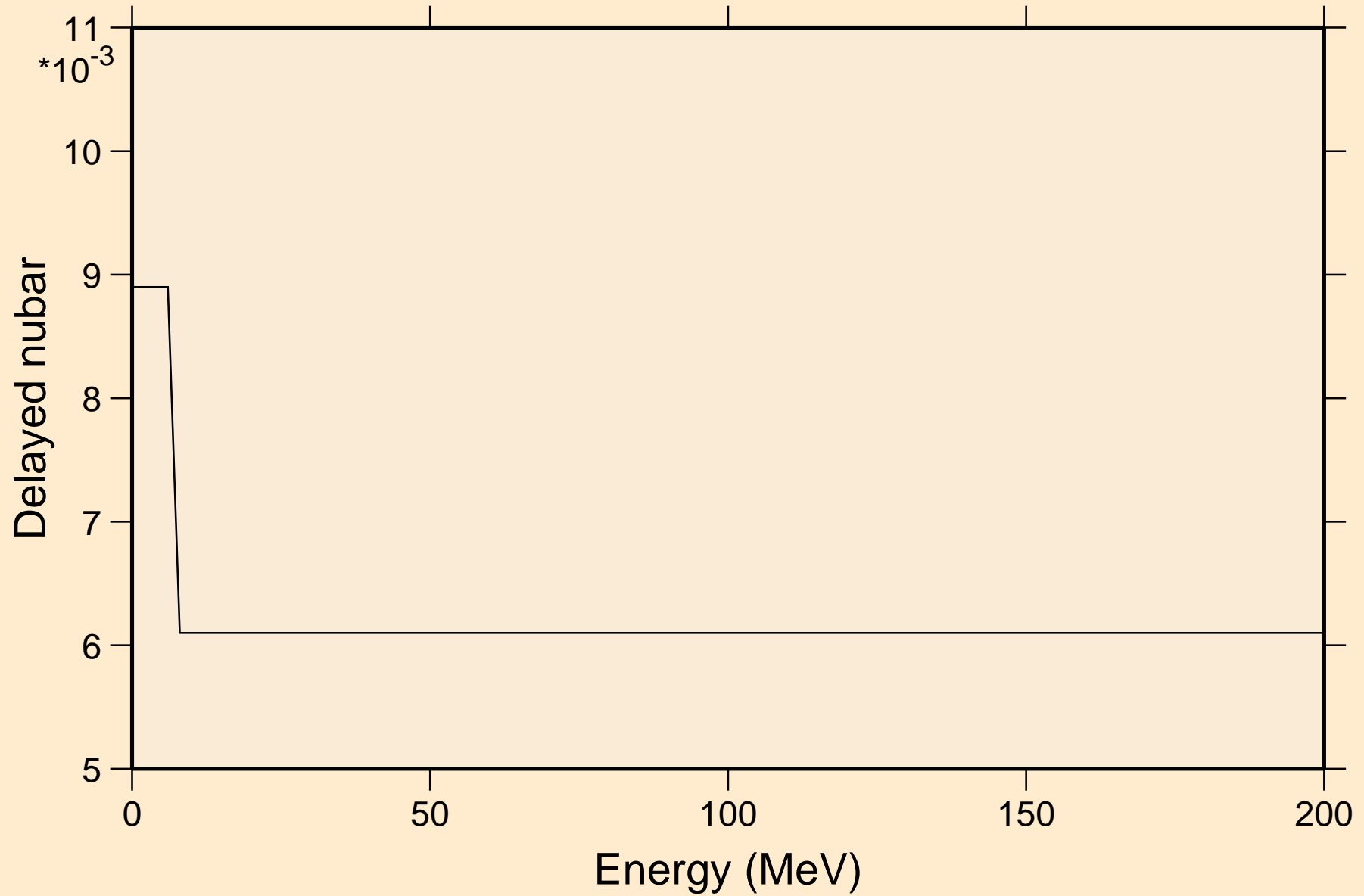


BK244 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



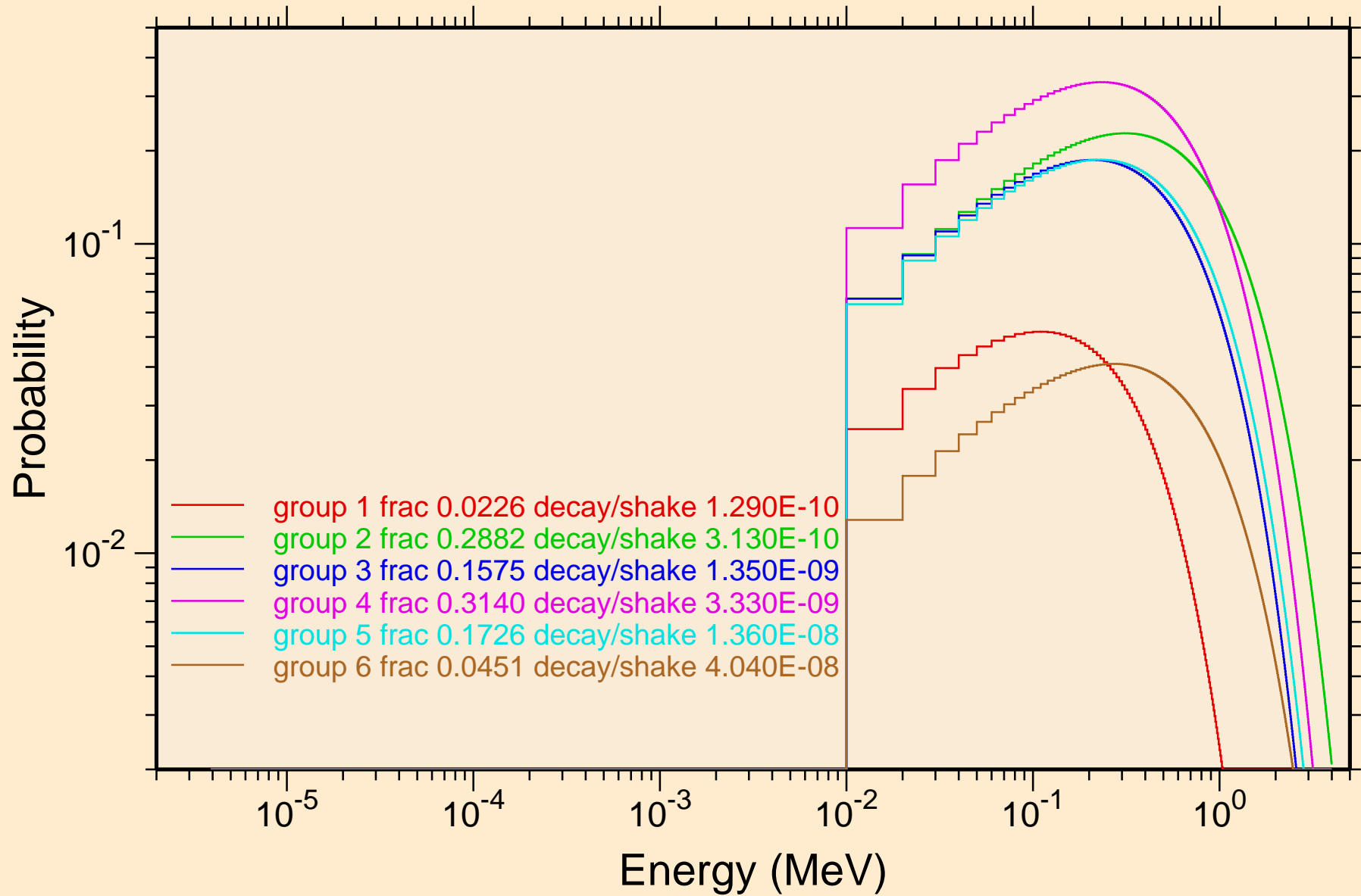
# BK244 NRG TENDL-2015, AKONING

Delayed nubar

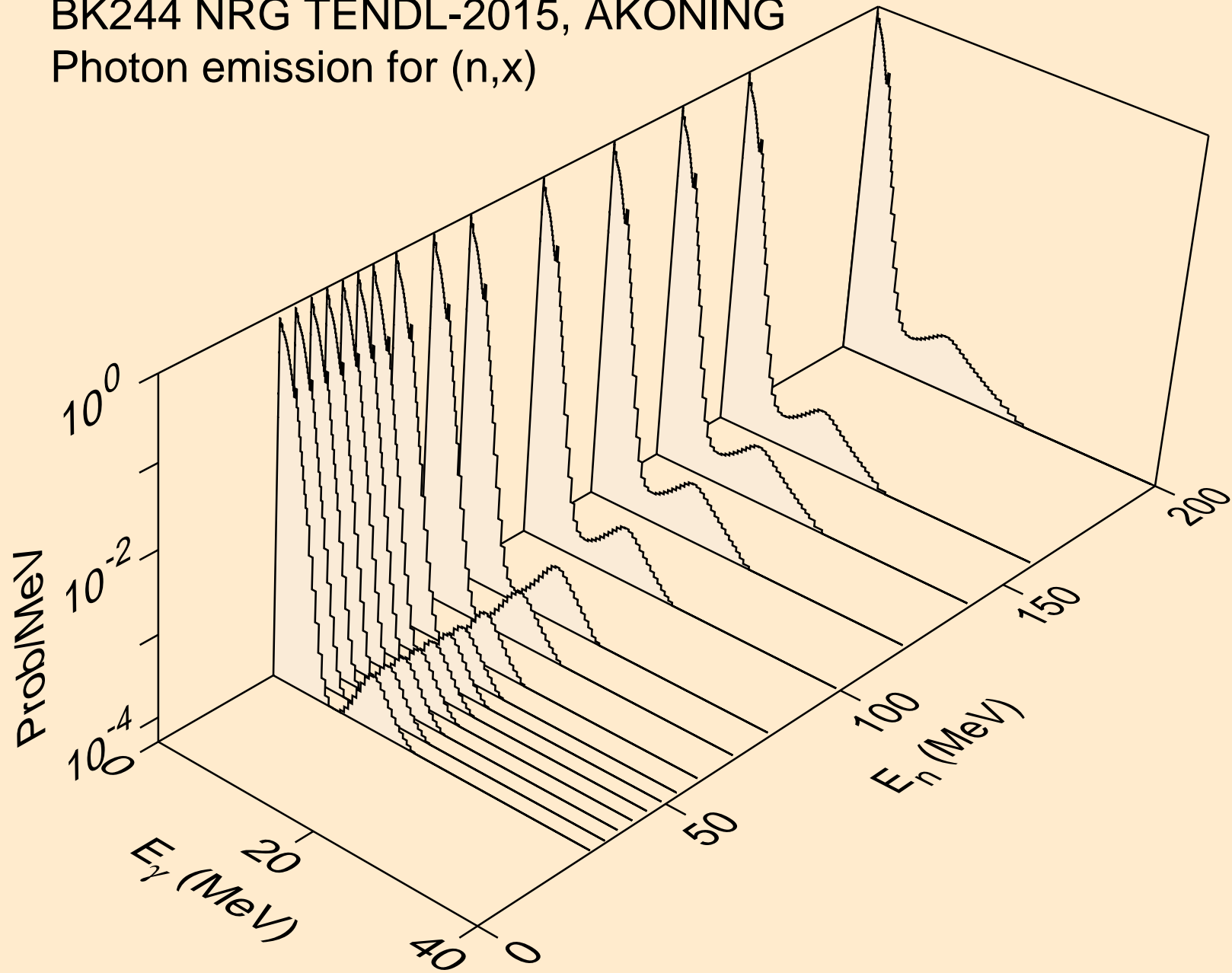


# BK244 NRG TENDL-2015, AKONING

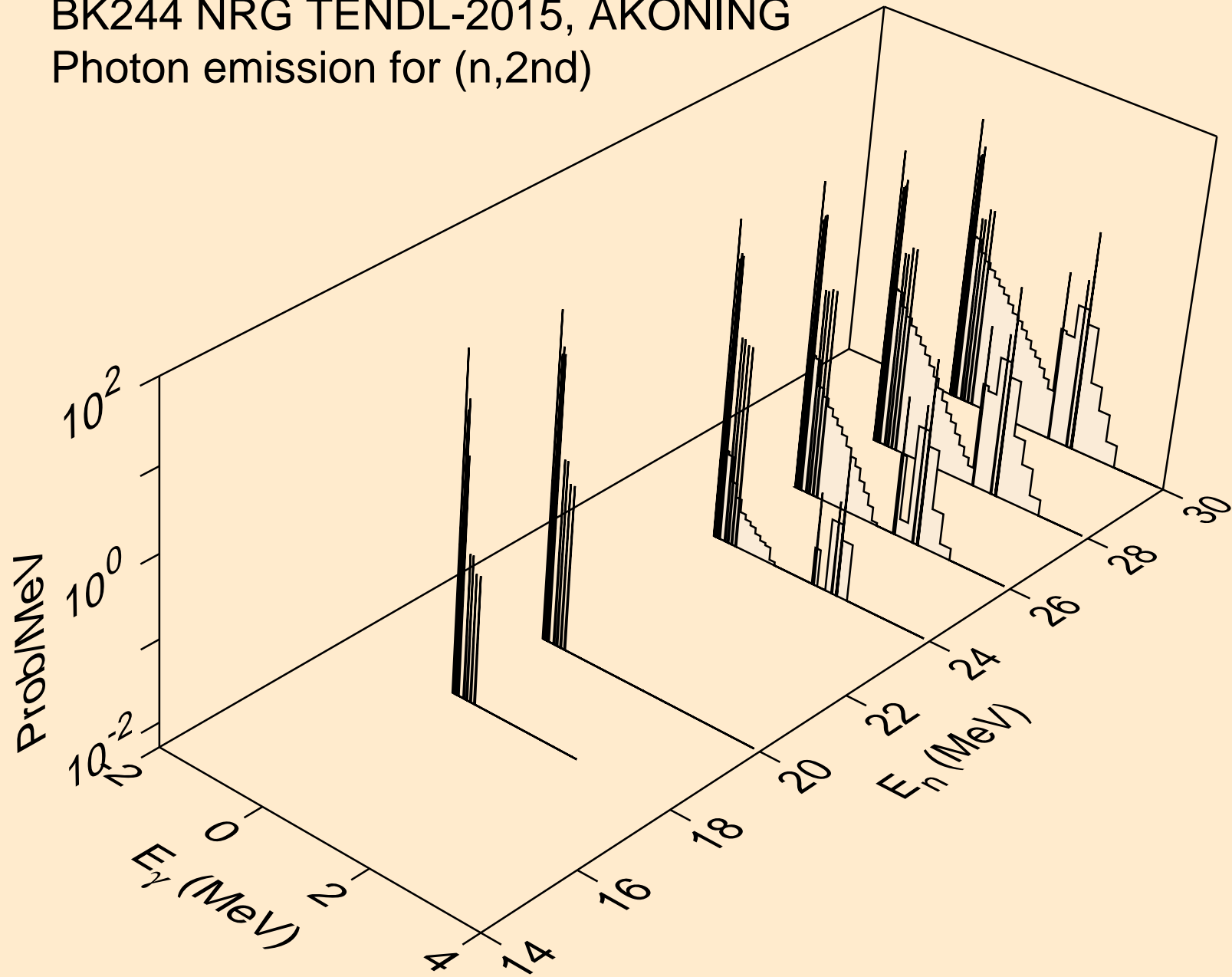
## Delayed neutron spectra



BK244 NRG TENDL-2015, AKONING  
Photon emission for (n,x)

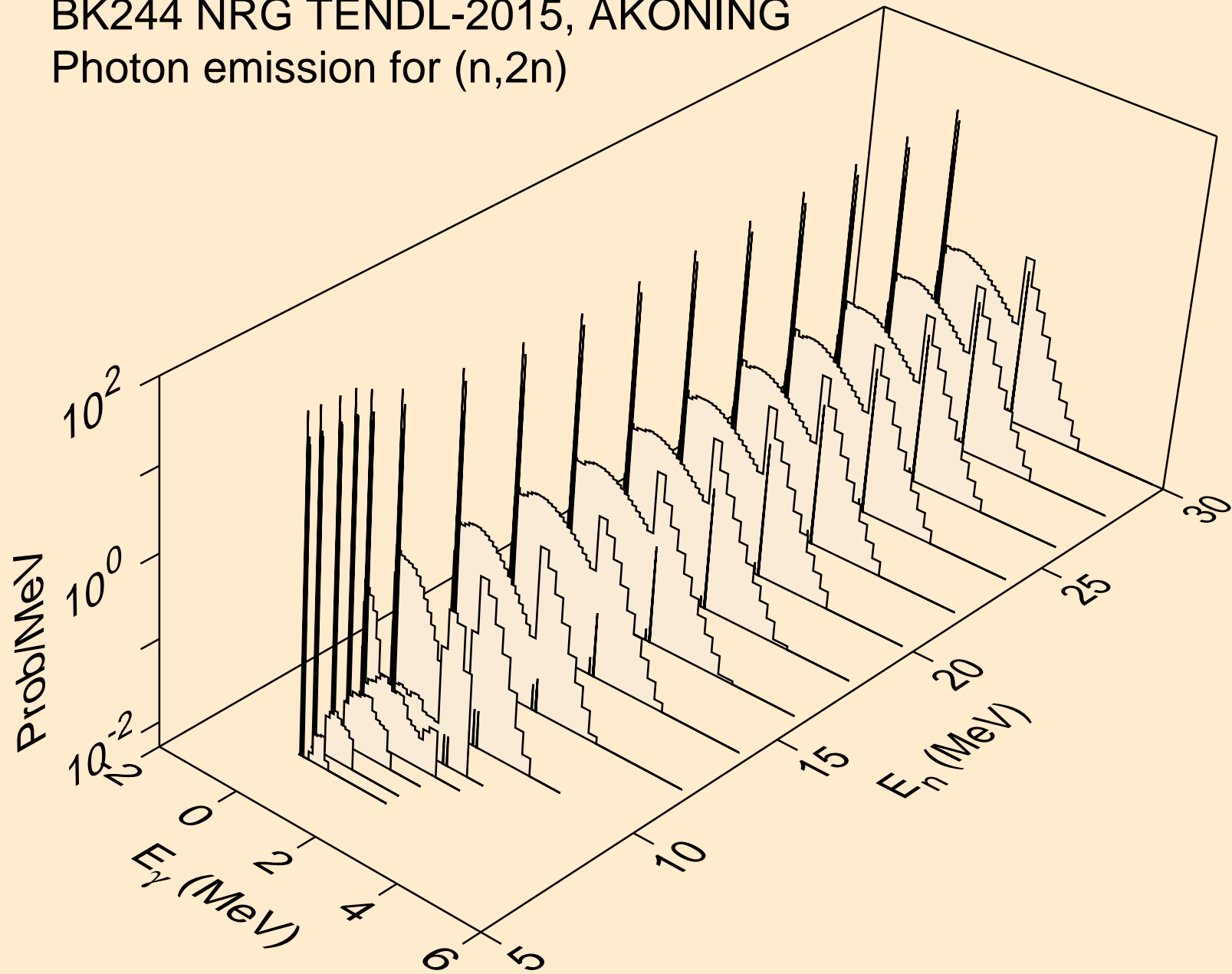


BK244 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

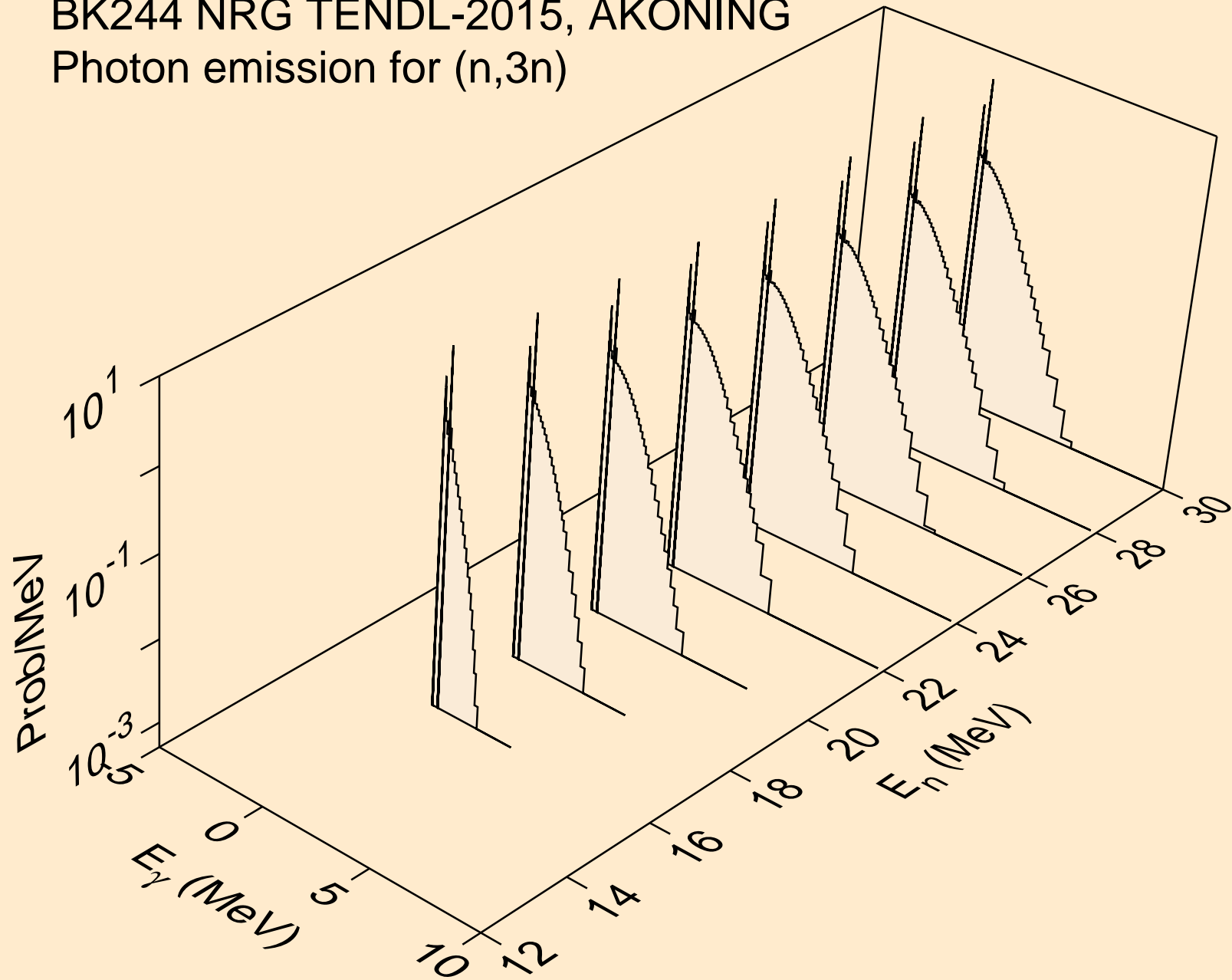




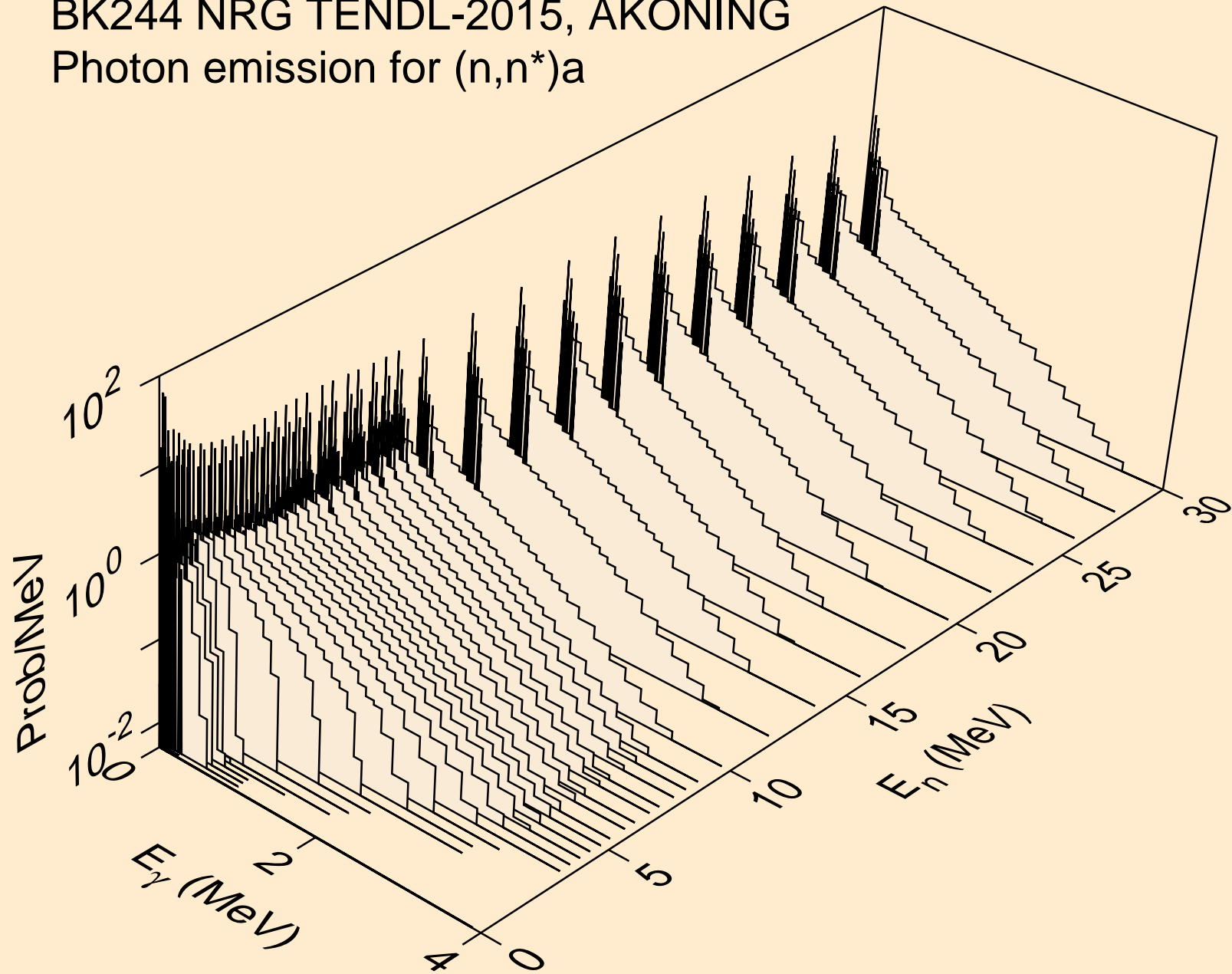
BK244 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



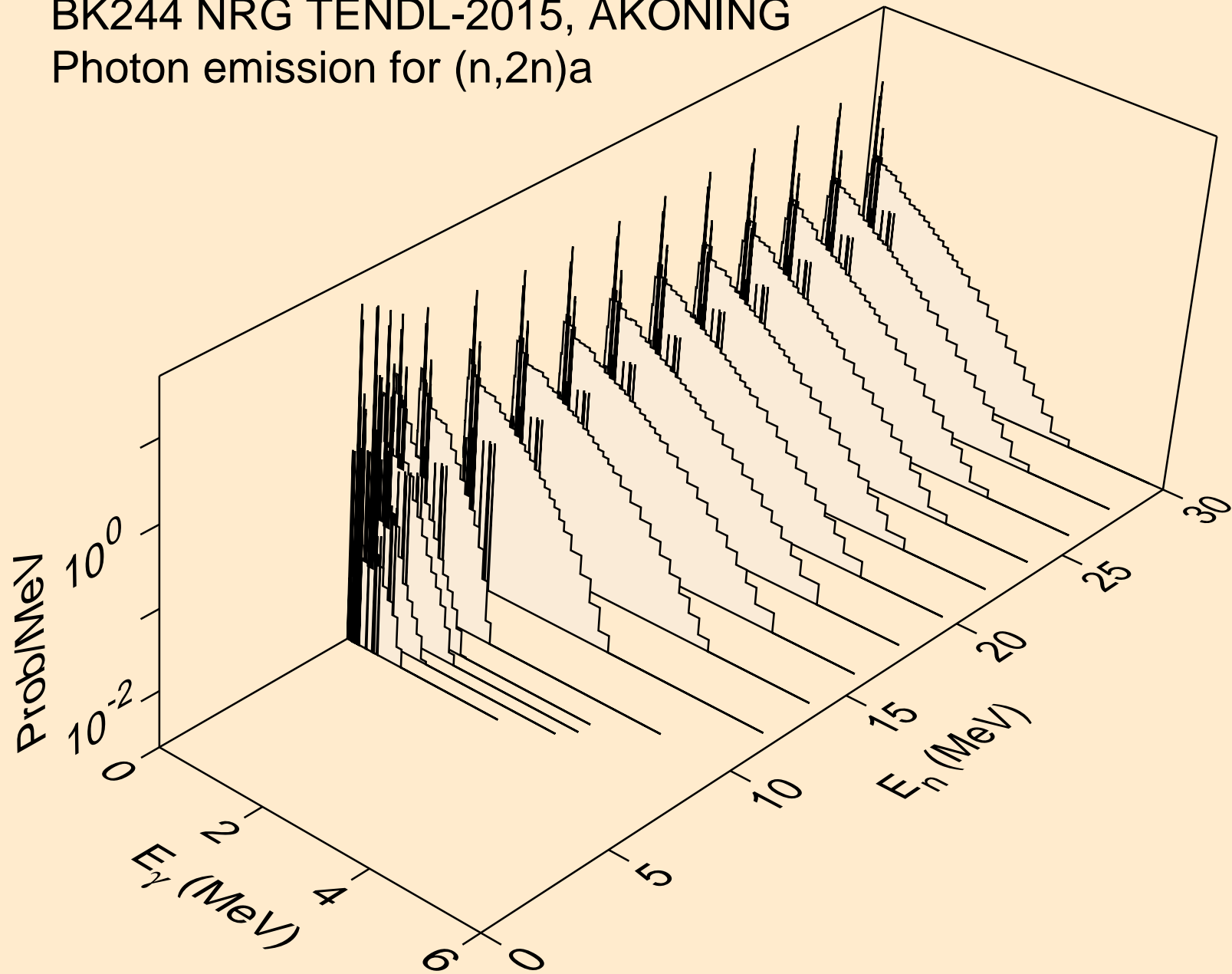
BK244 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



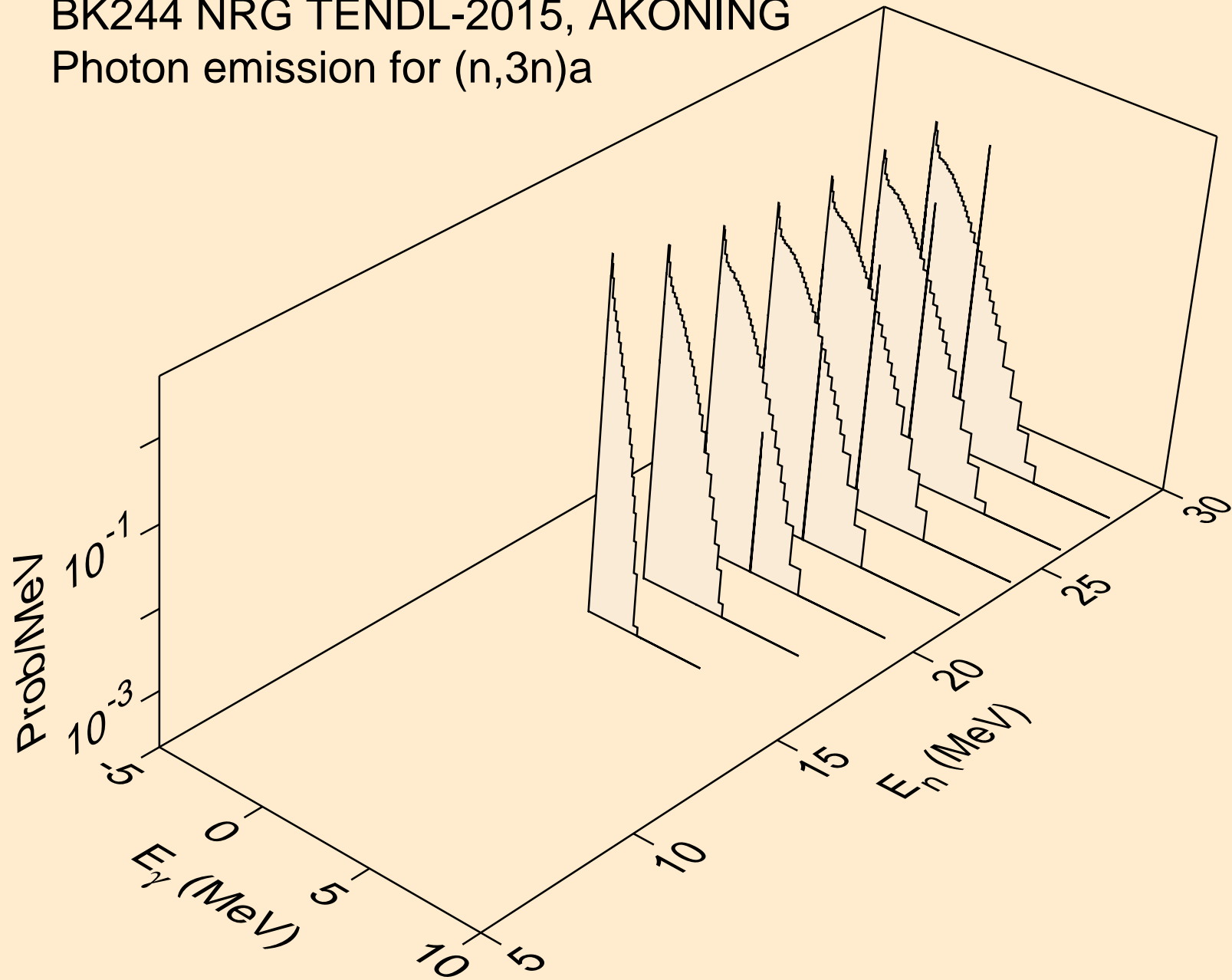
BK244 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



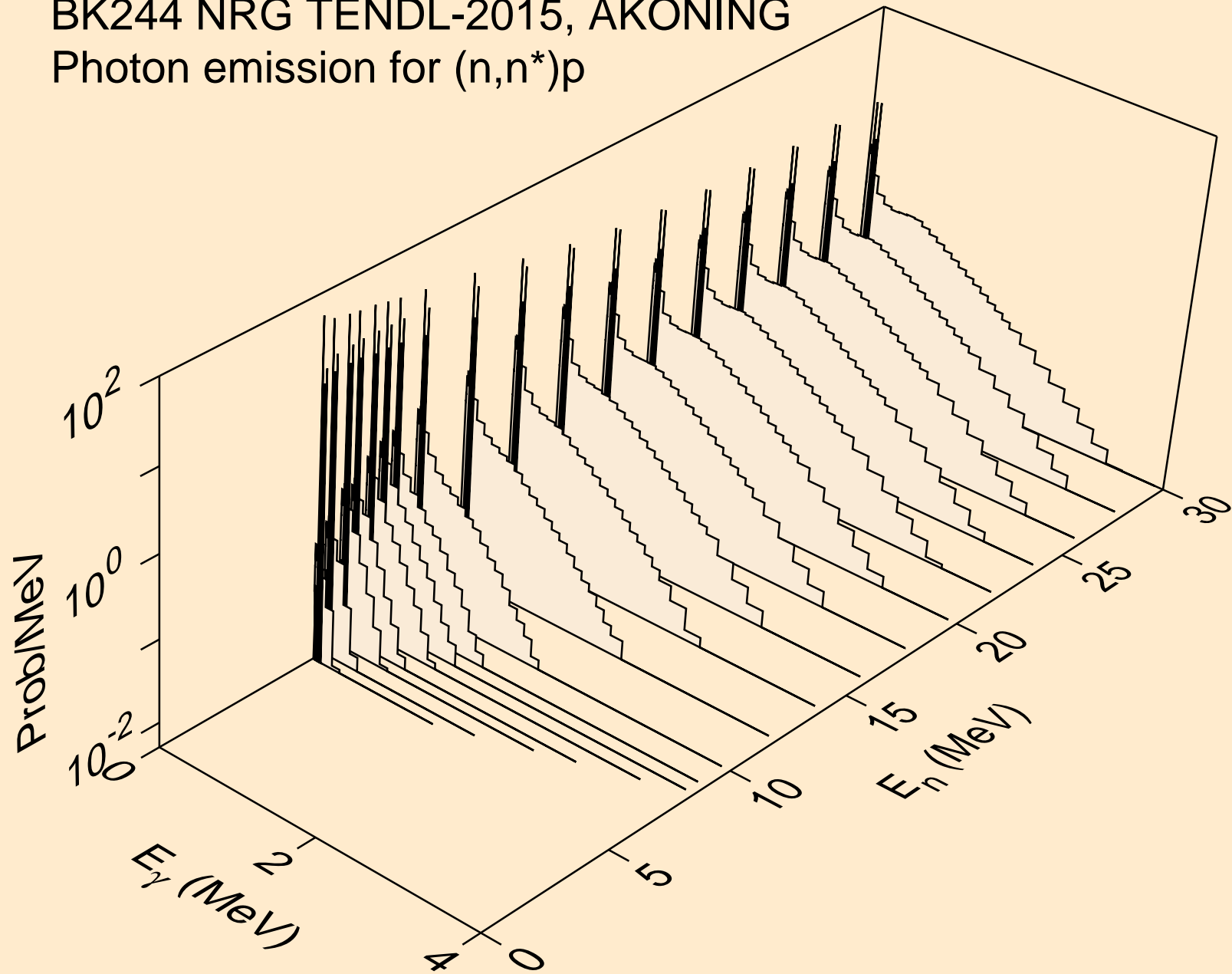
BK244 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



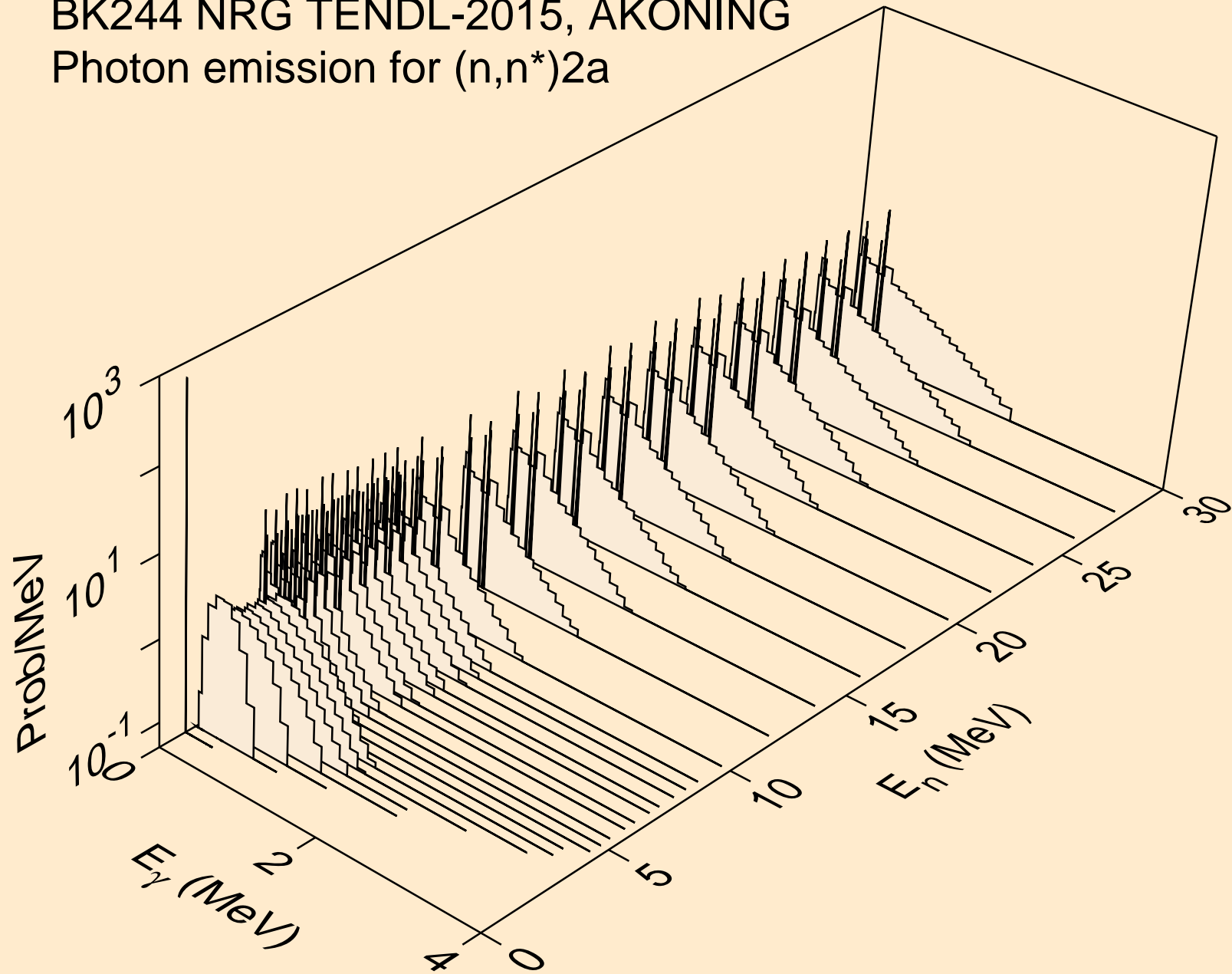
BK244 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



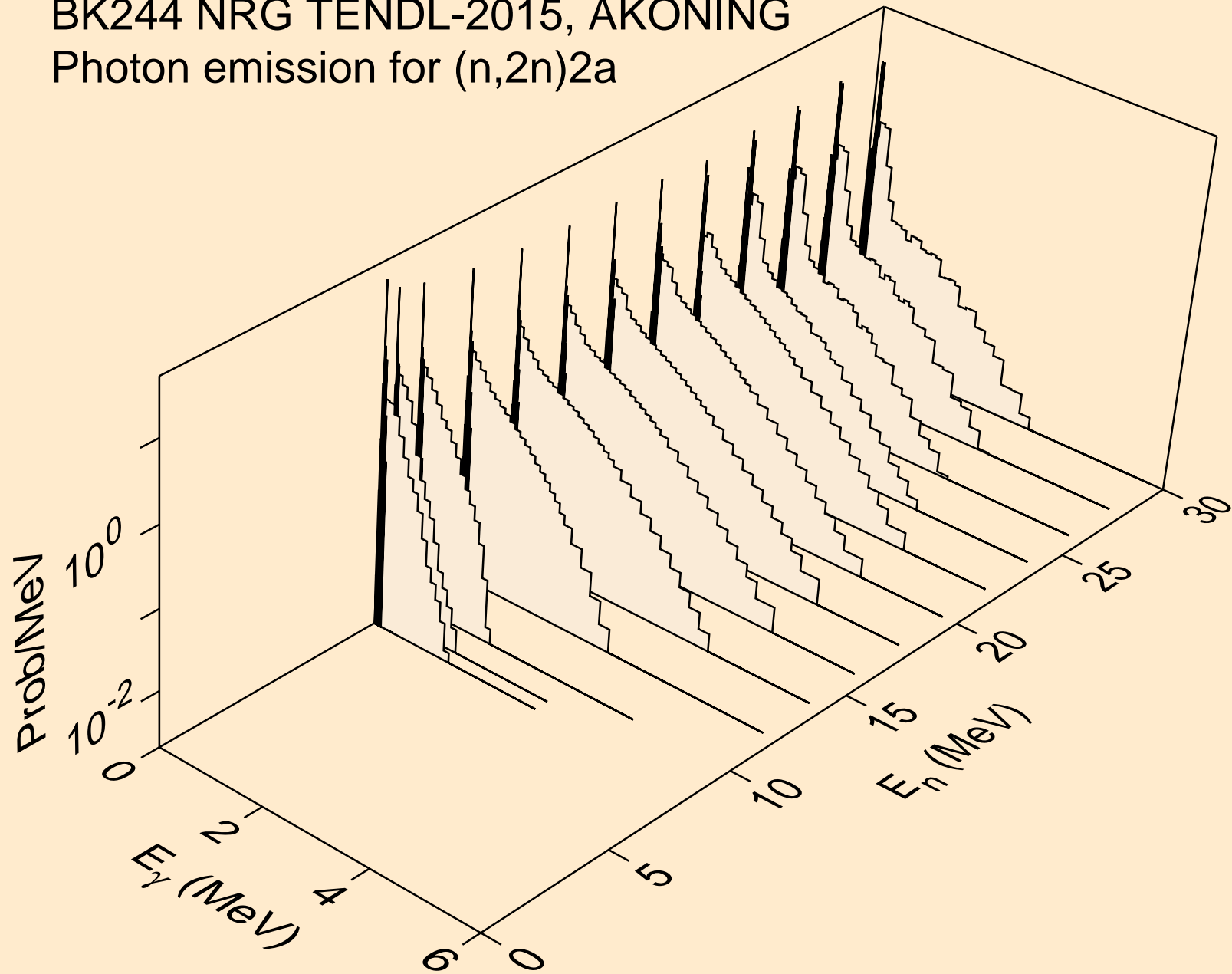
BK244 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



BK244 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a

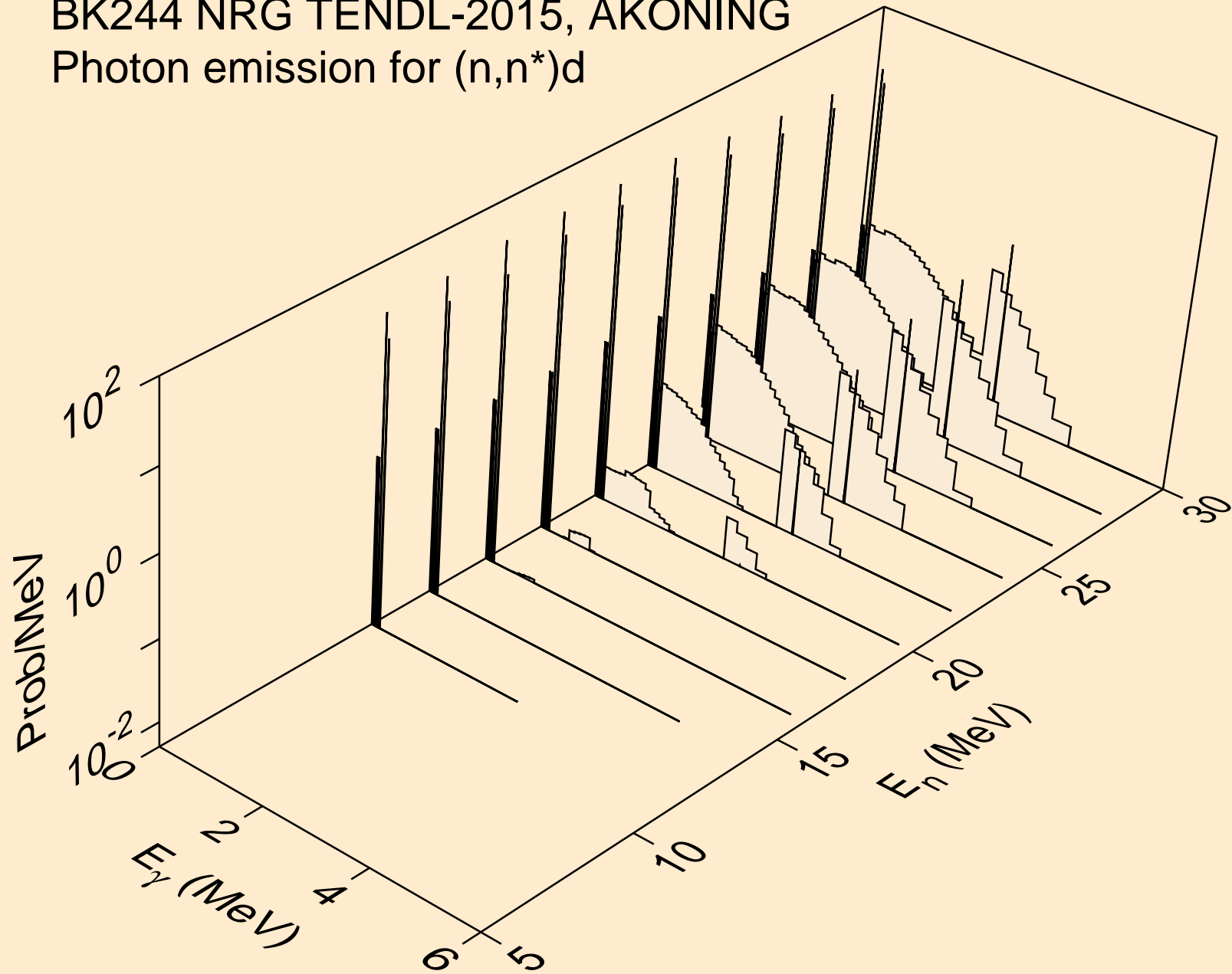


BK244 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a

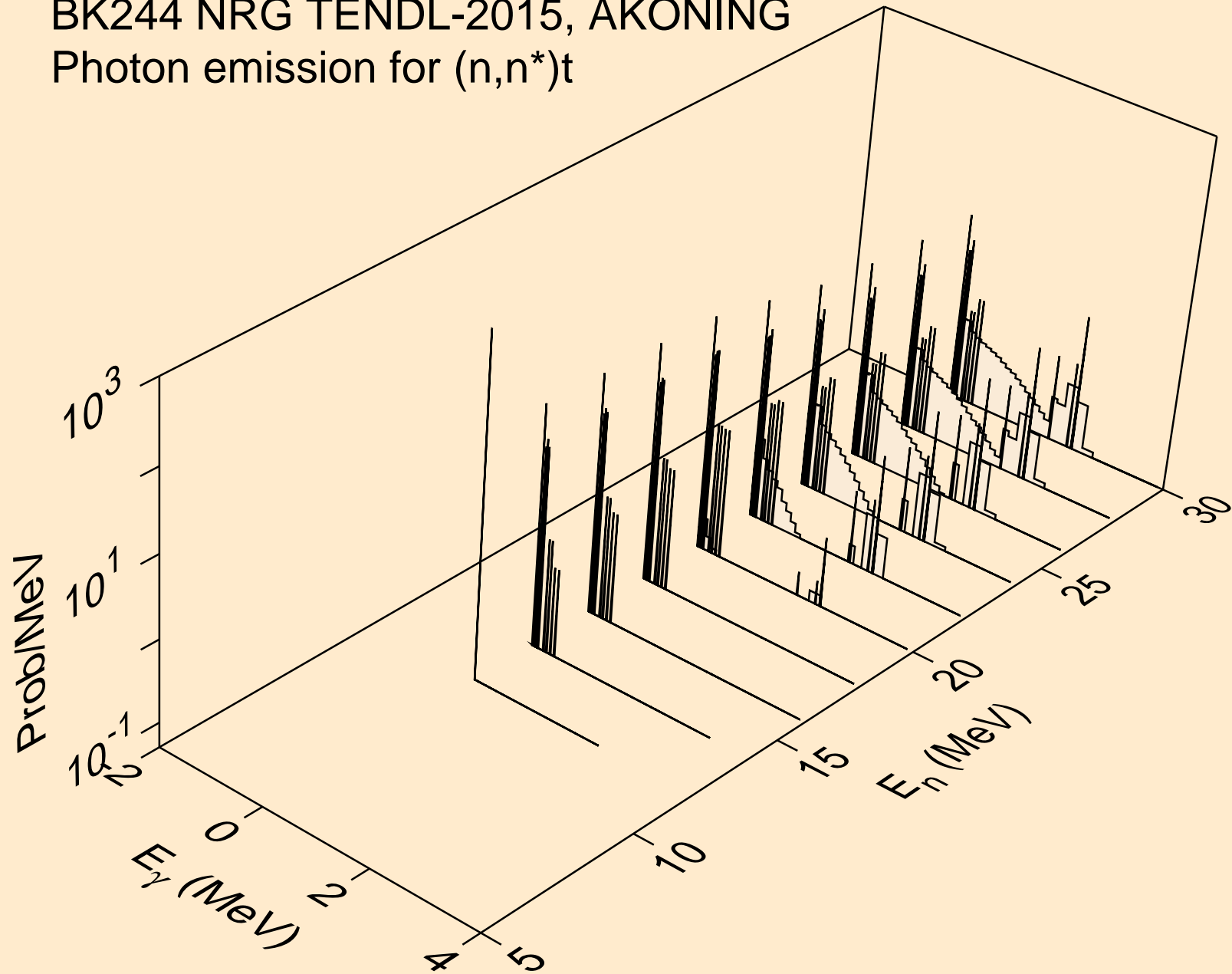




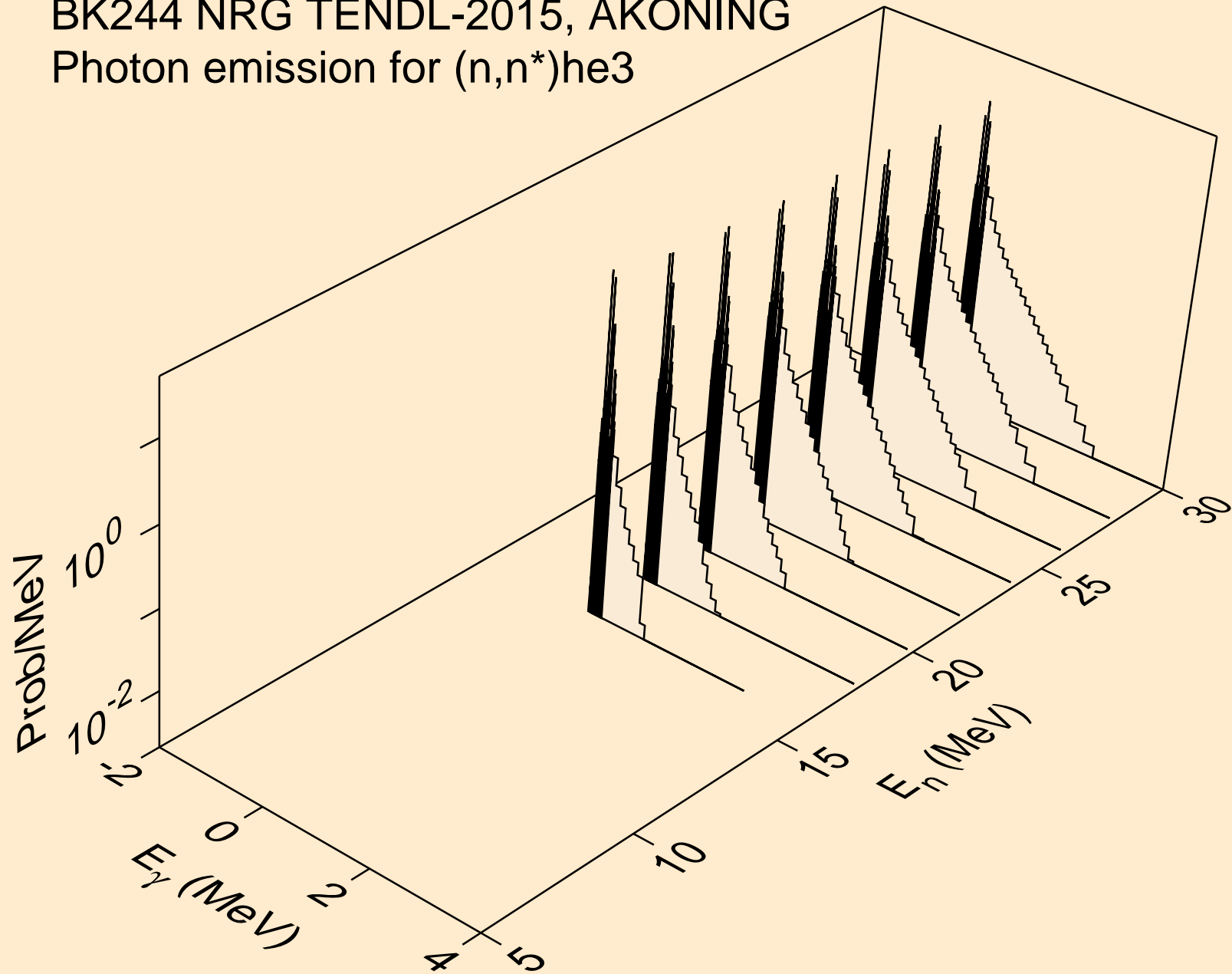
BK244 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



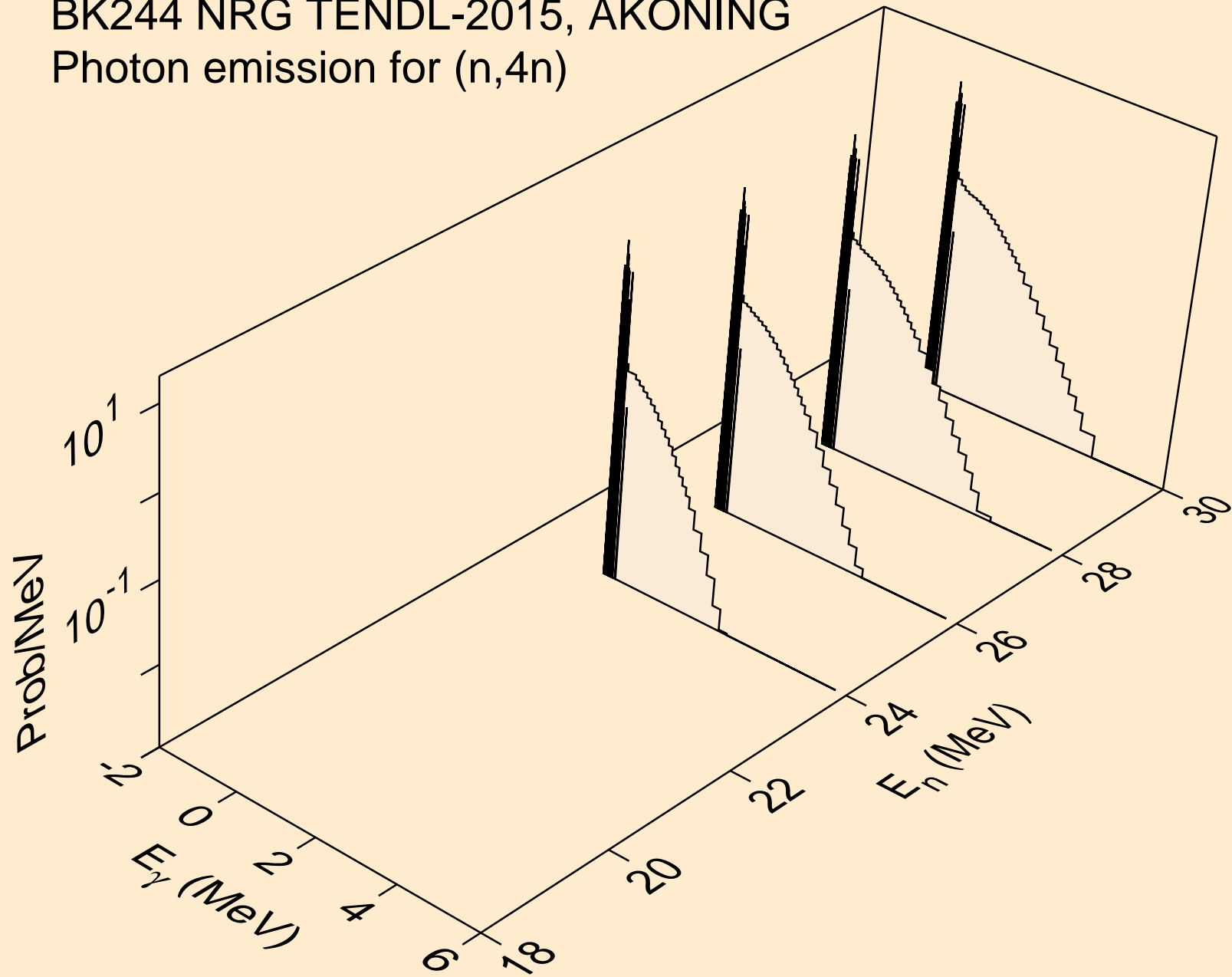
BK244 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



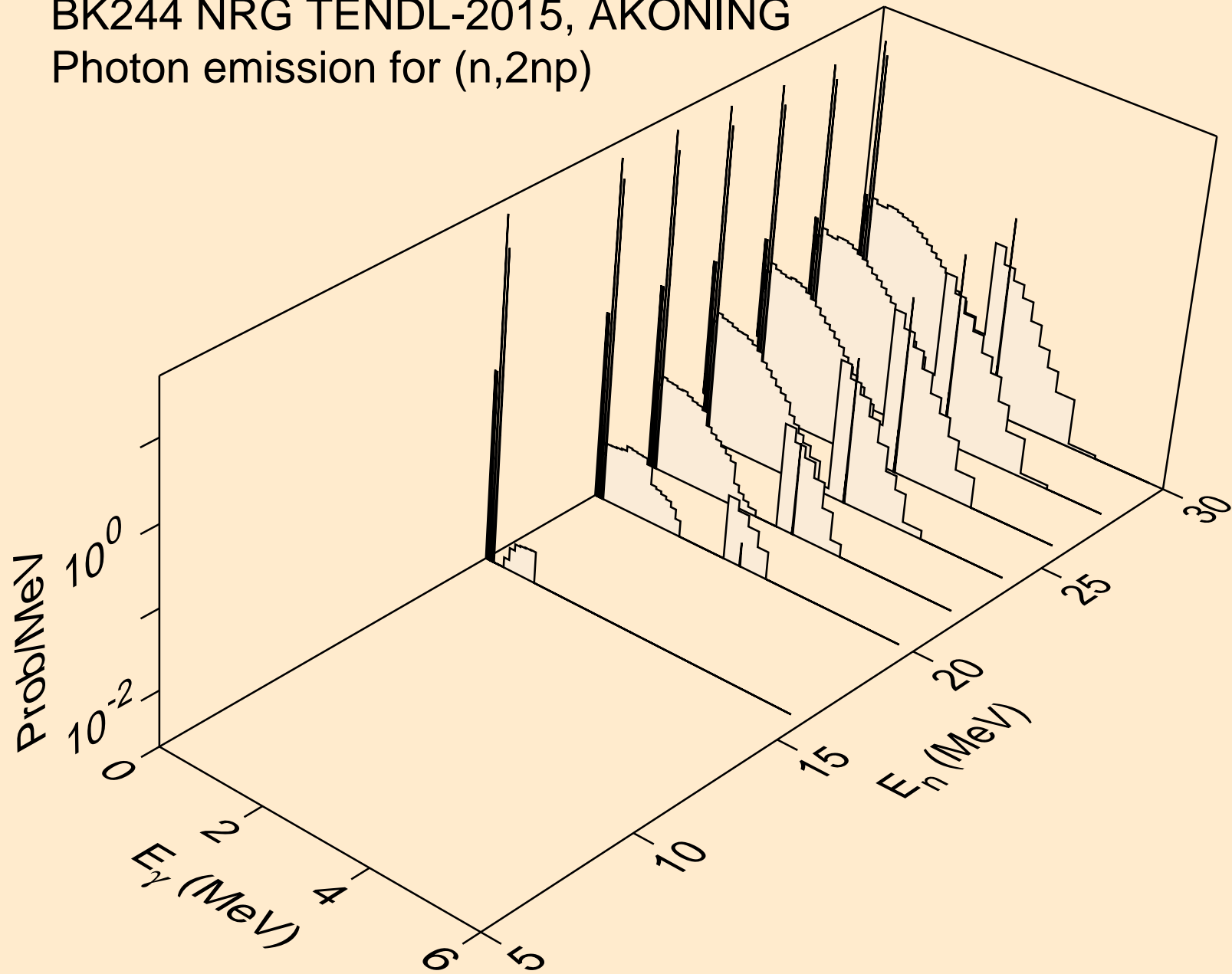
BK244 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



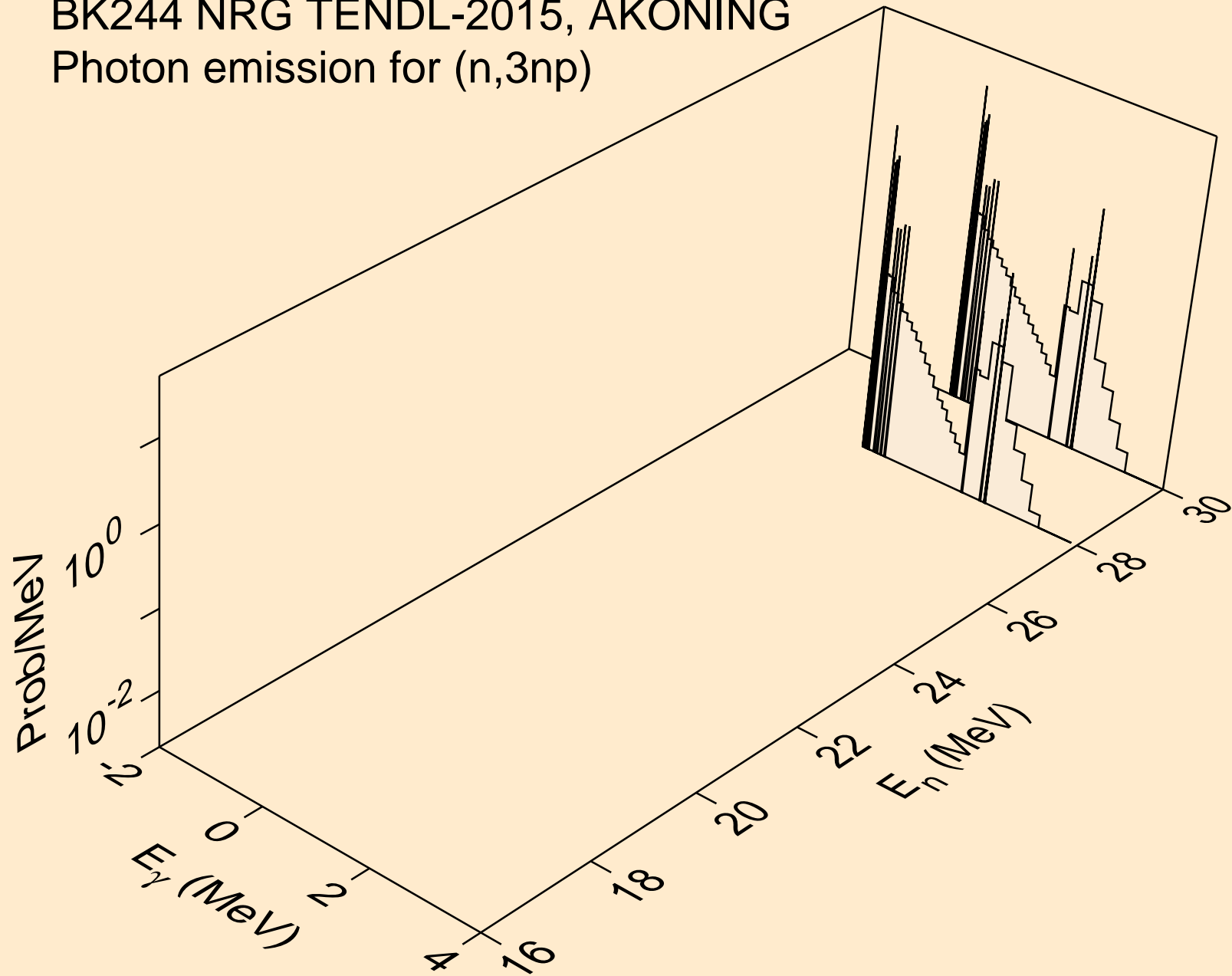
BK244 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



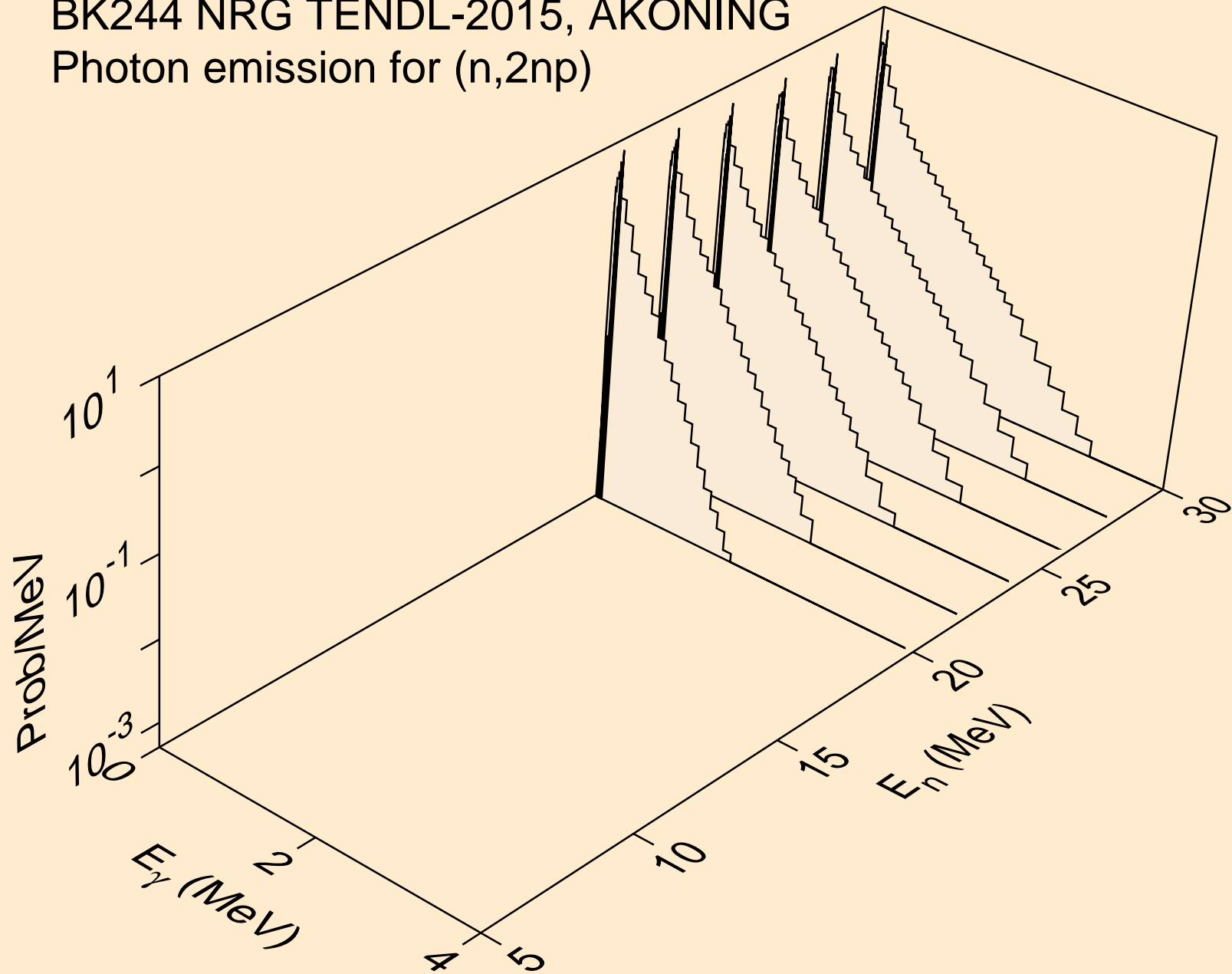
BK244 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



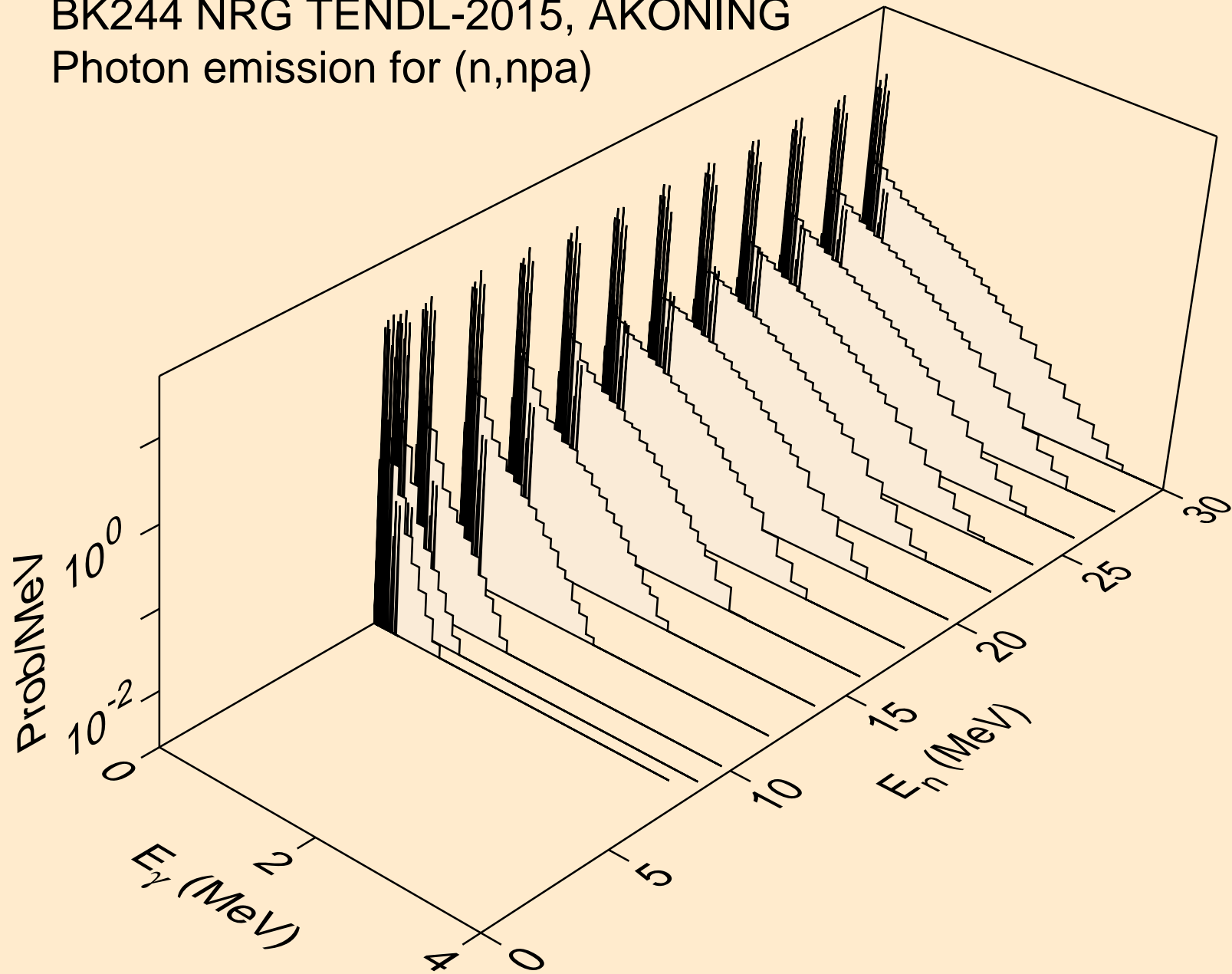
BK244 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



BK244 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

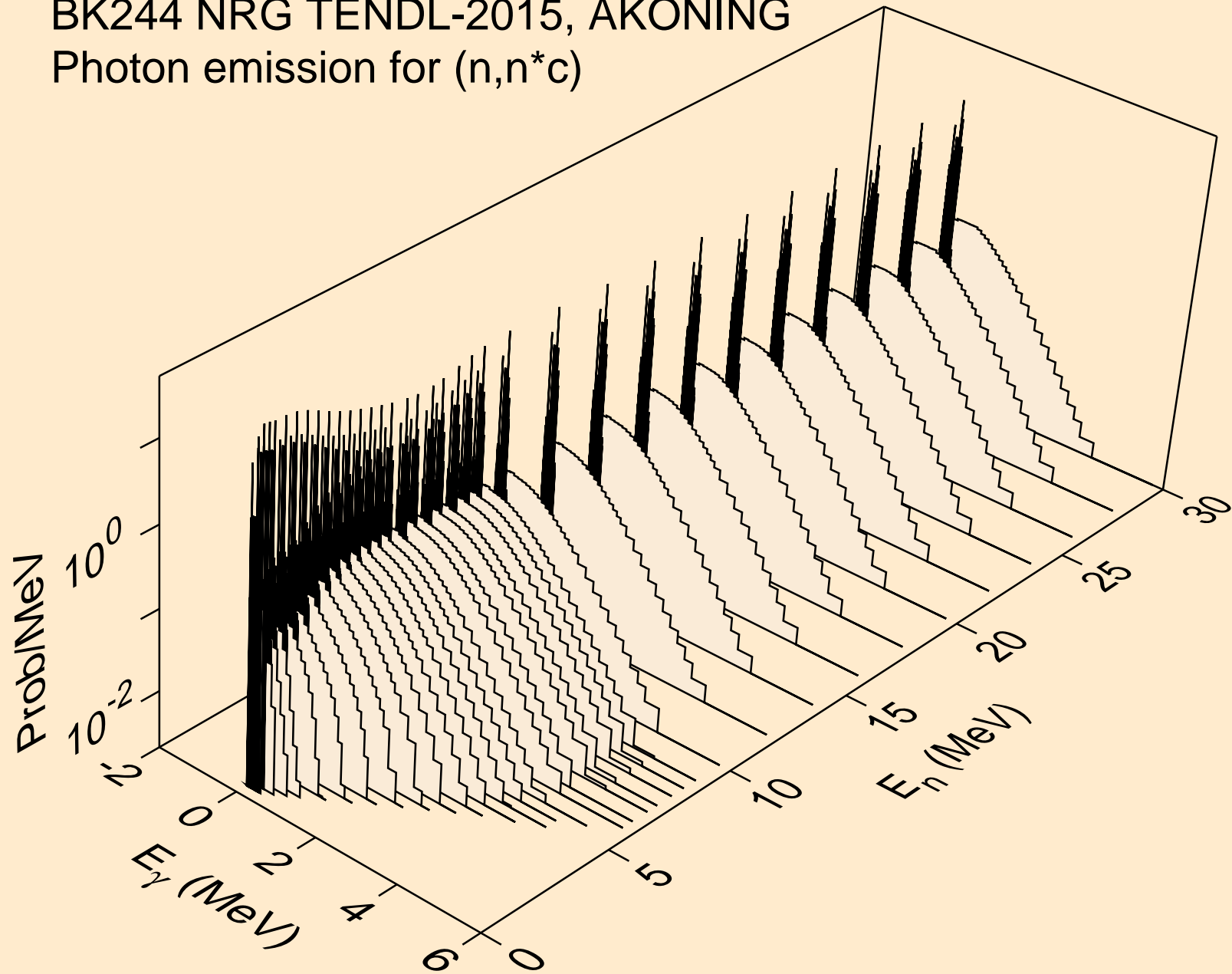


BK244 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

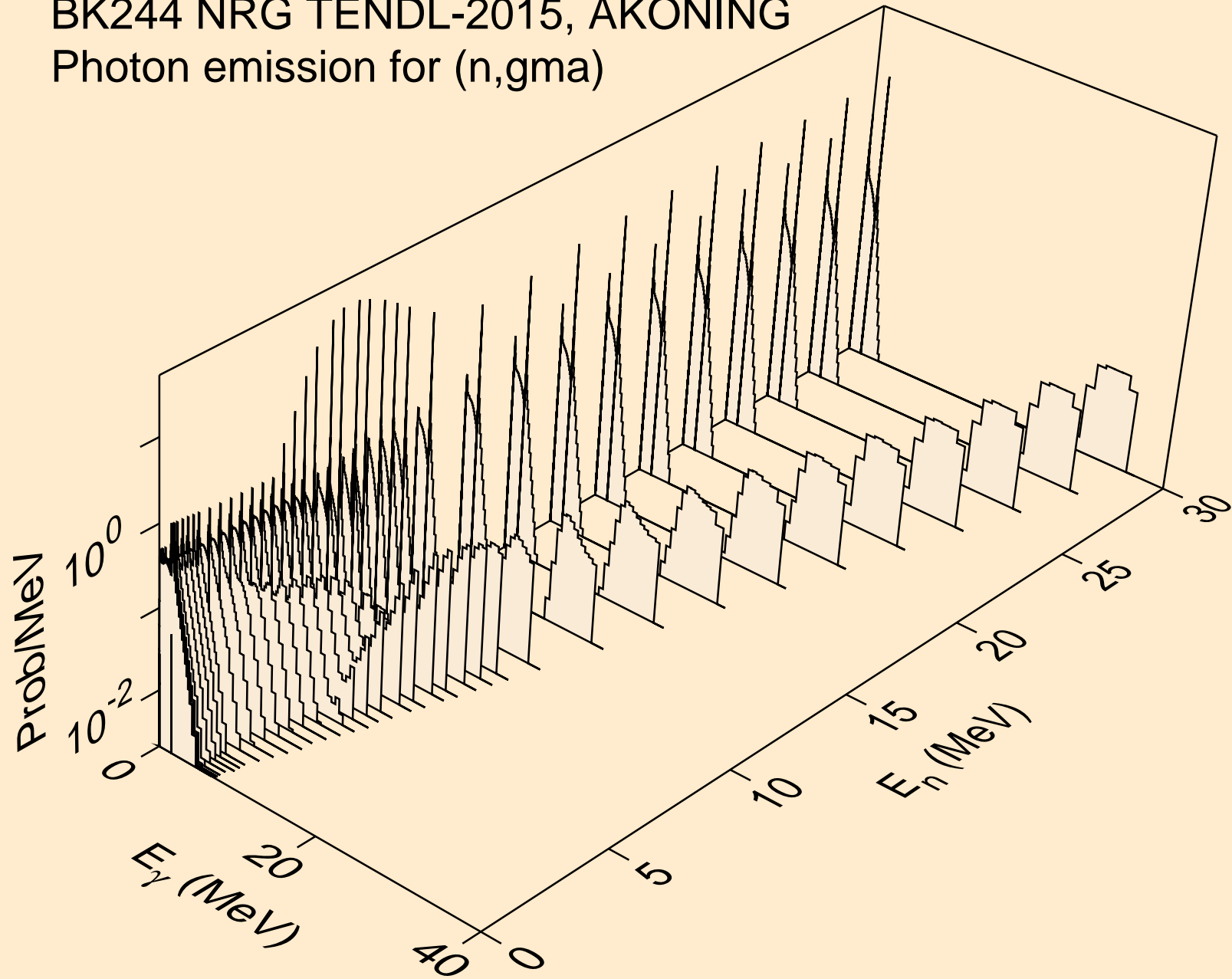




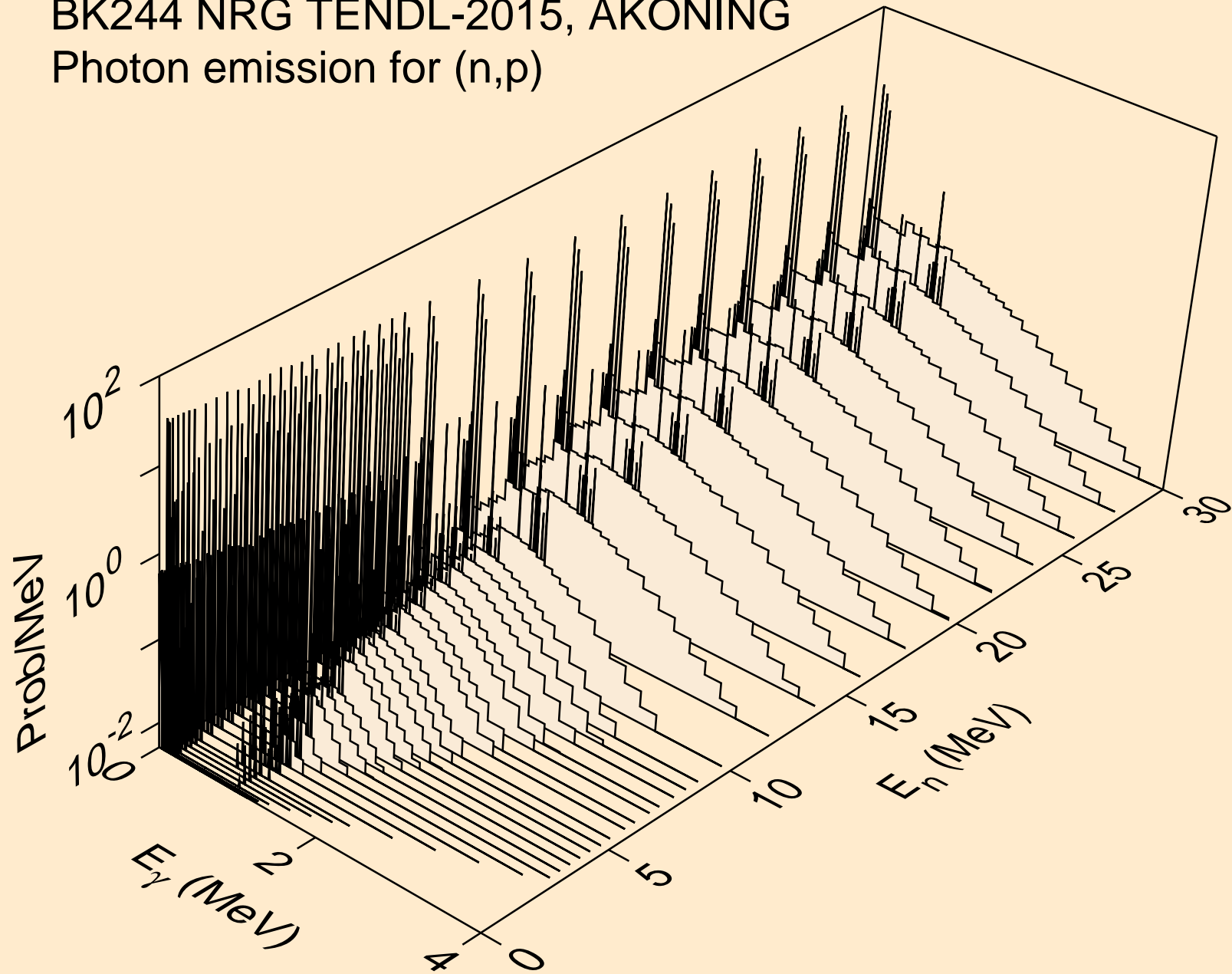
BK244 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



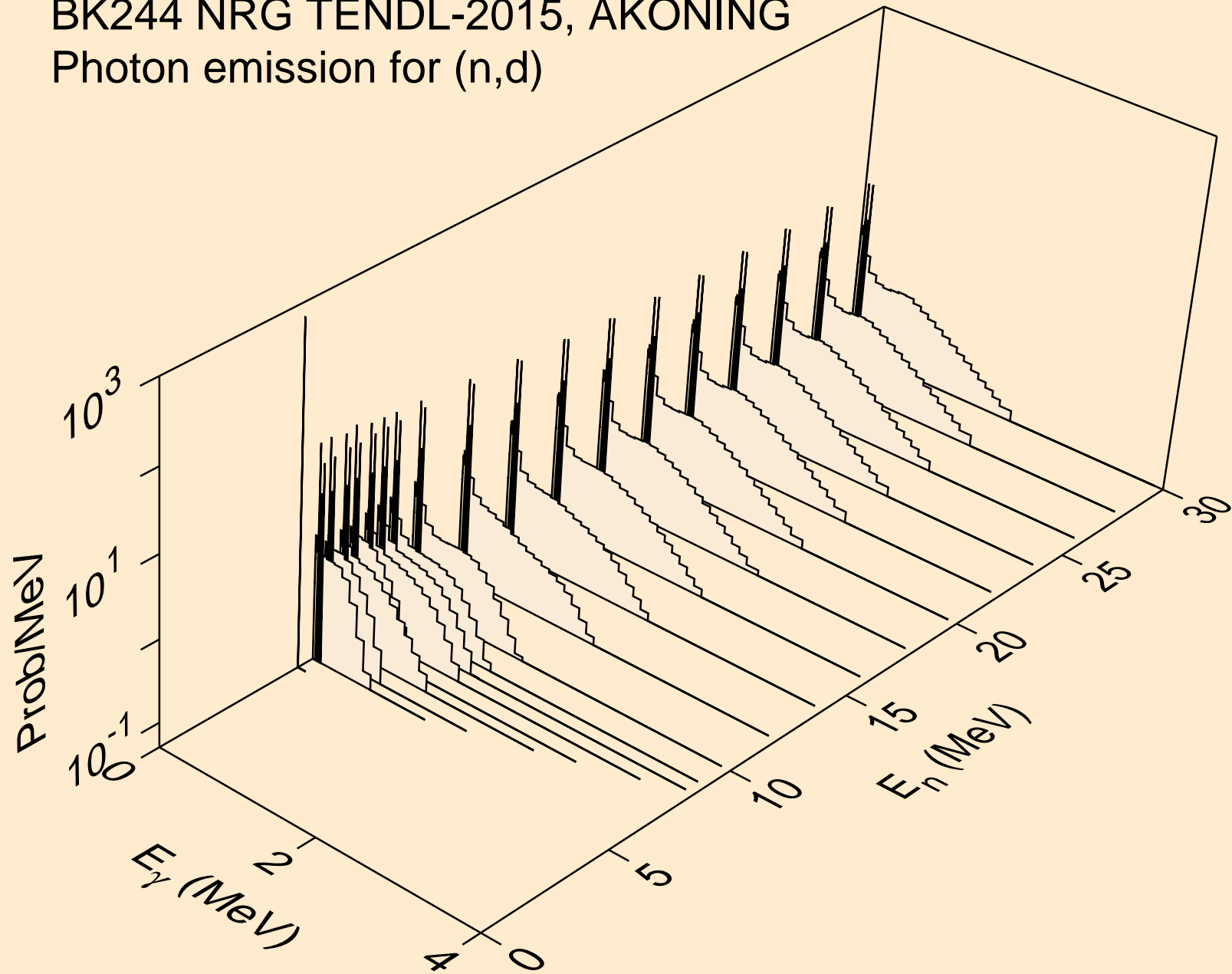
BK244 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



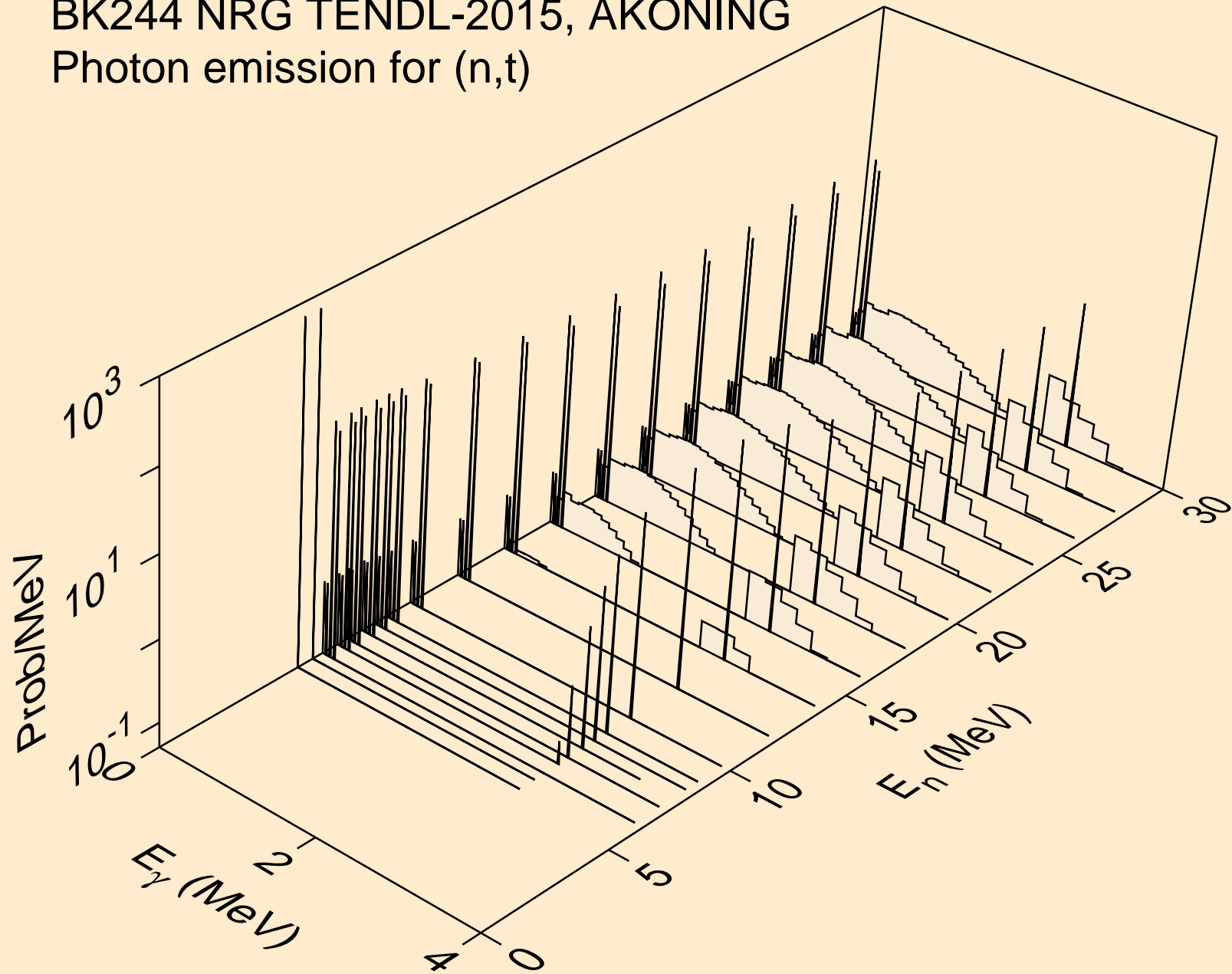
BK244 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



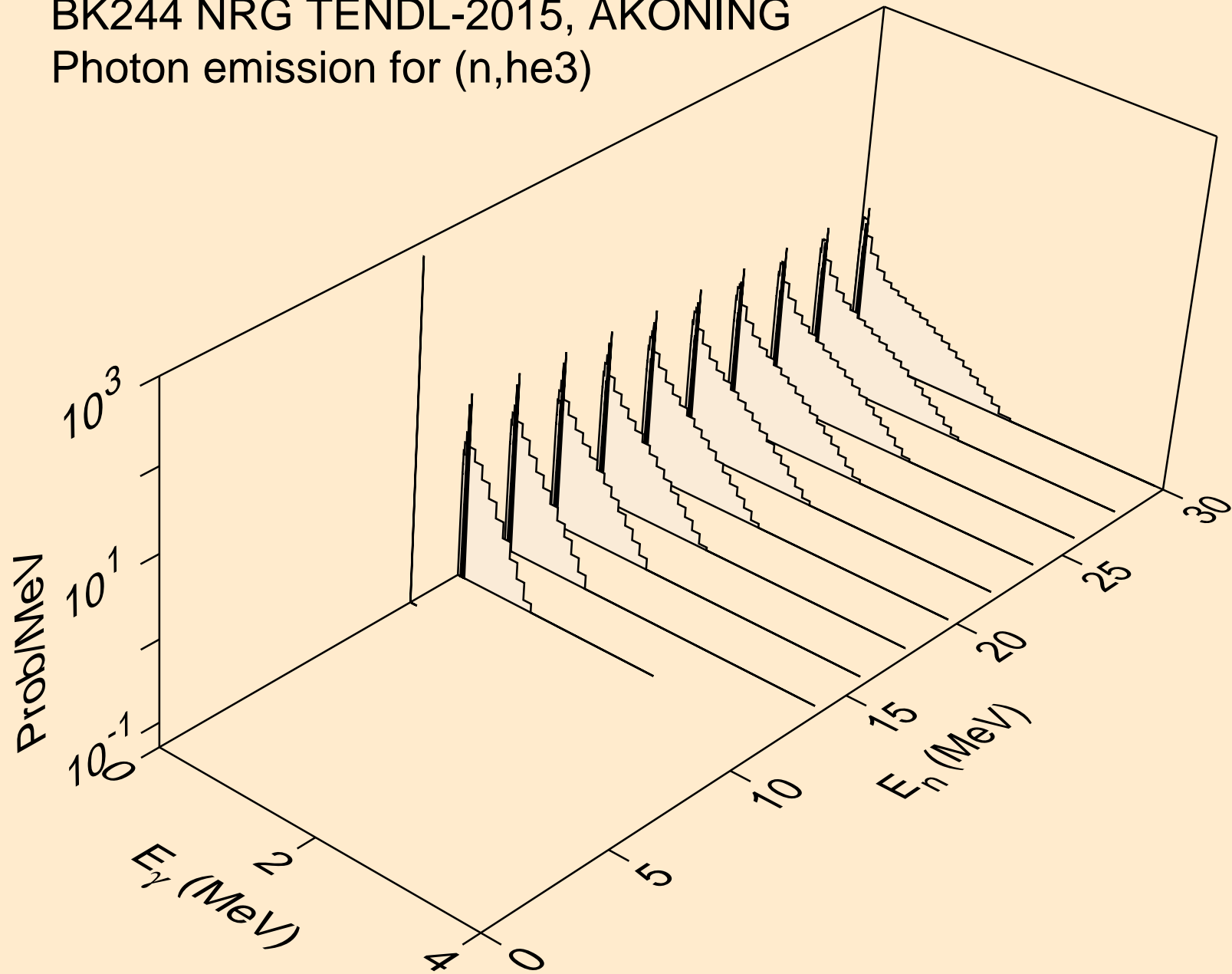
BK244 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



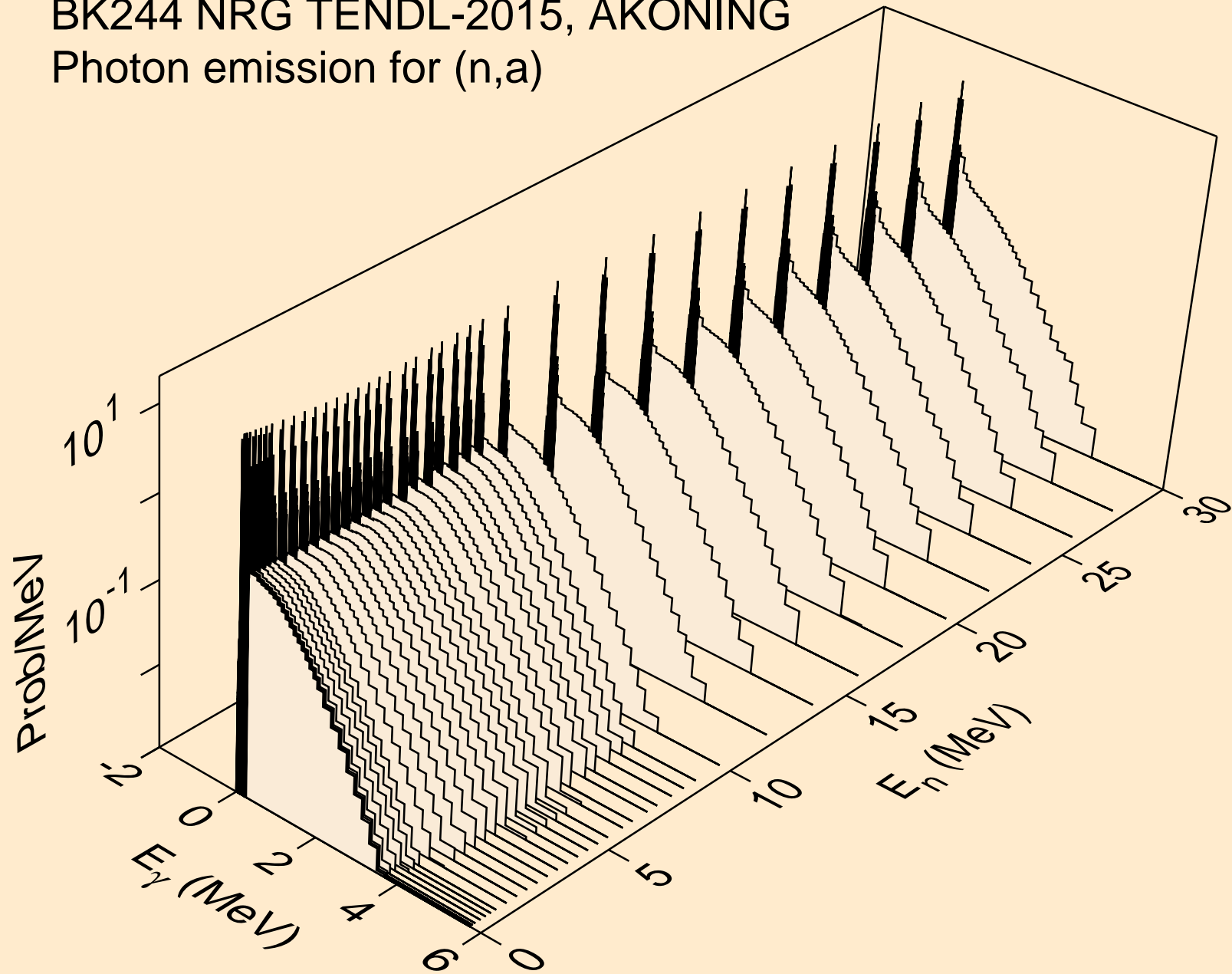
BK244 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



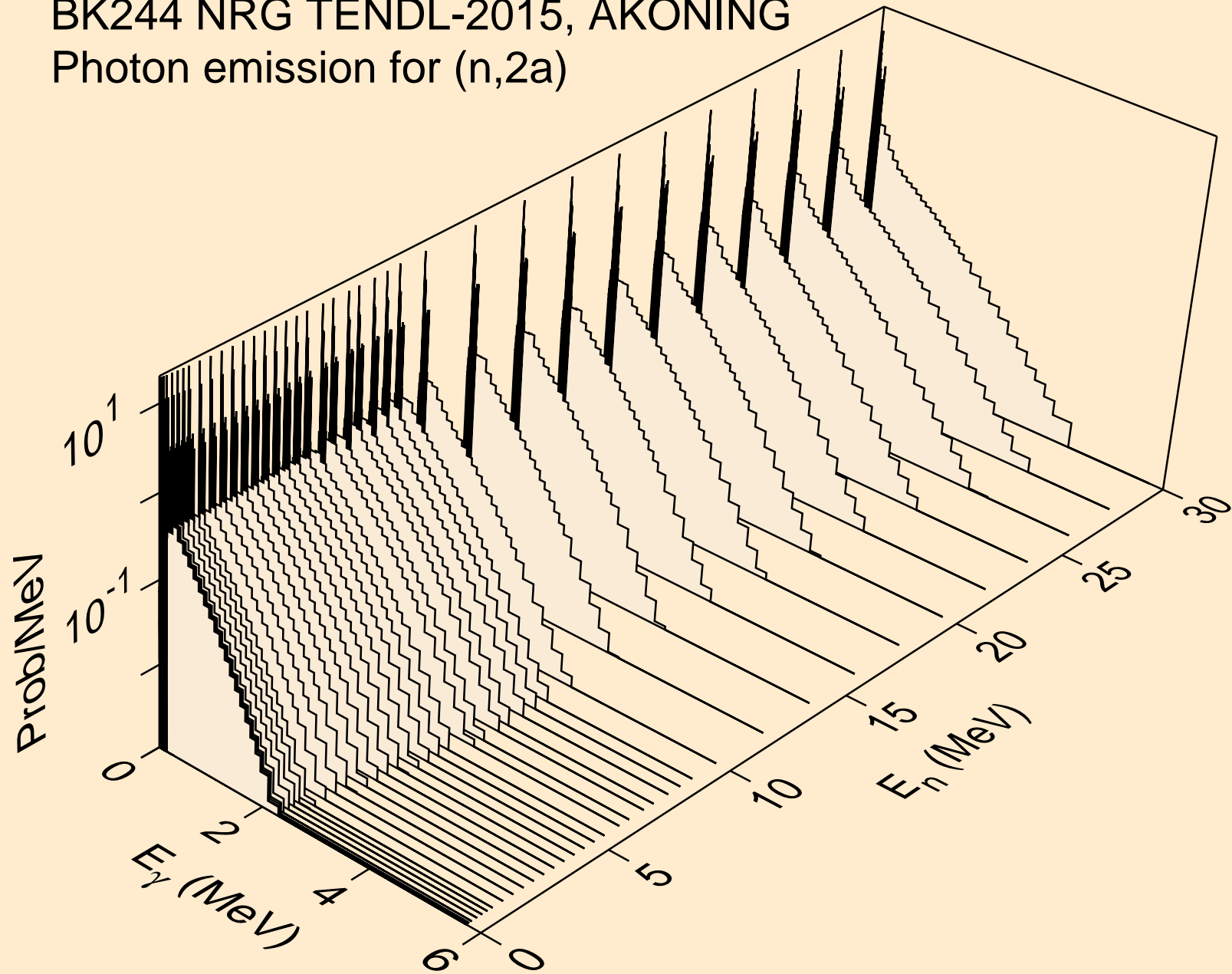
BK244 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



BK244 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

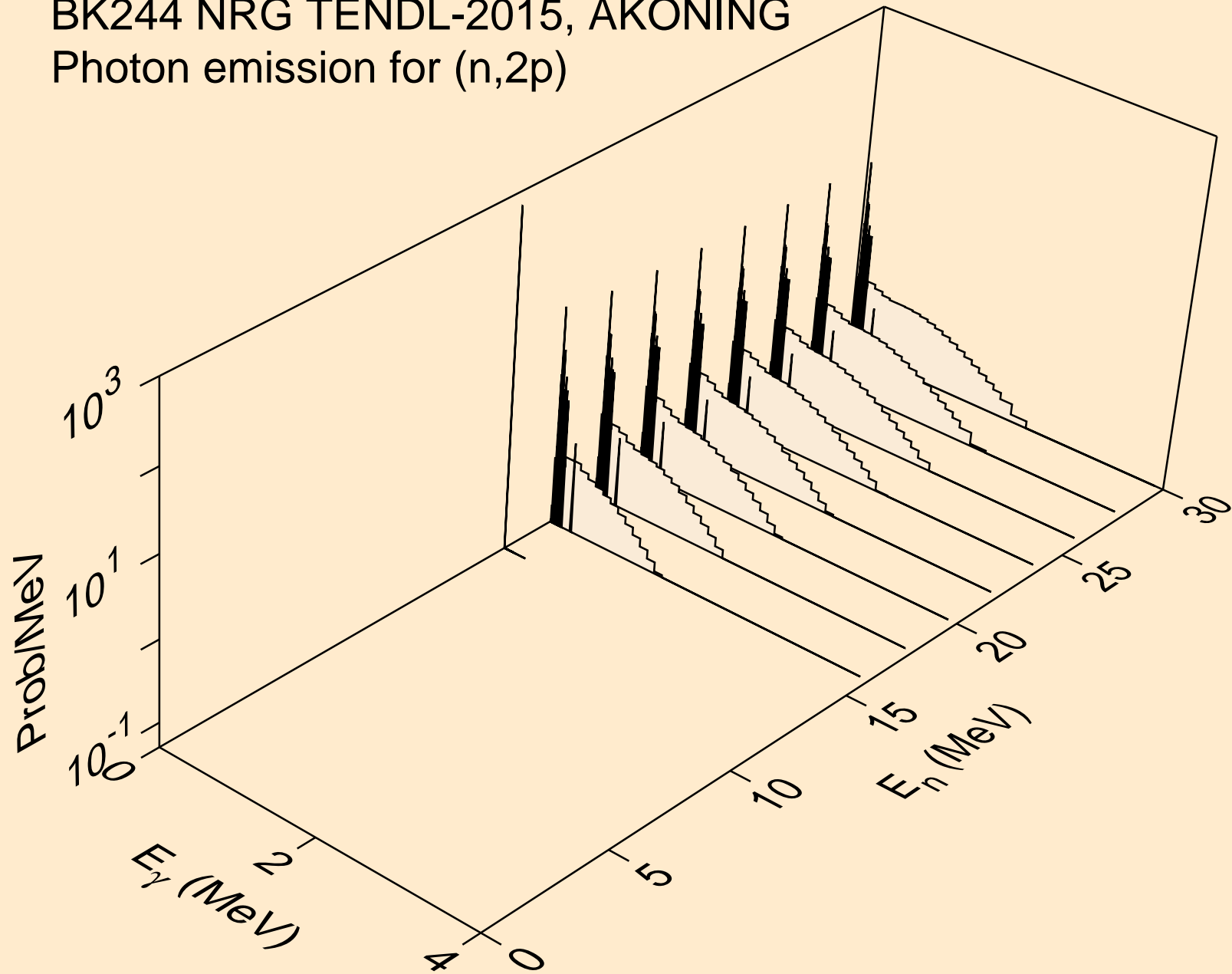


BK244 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

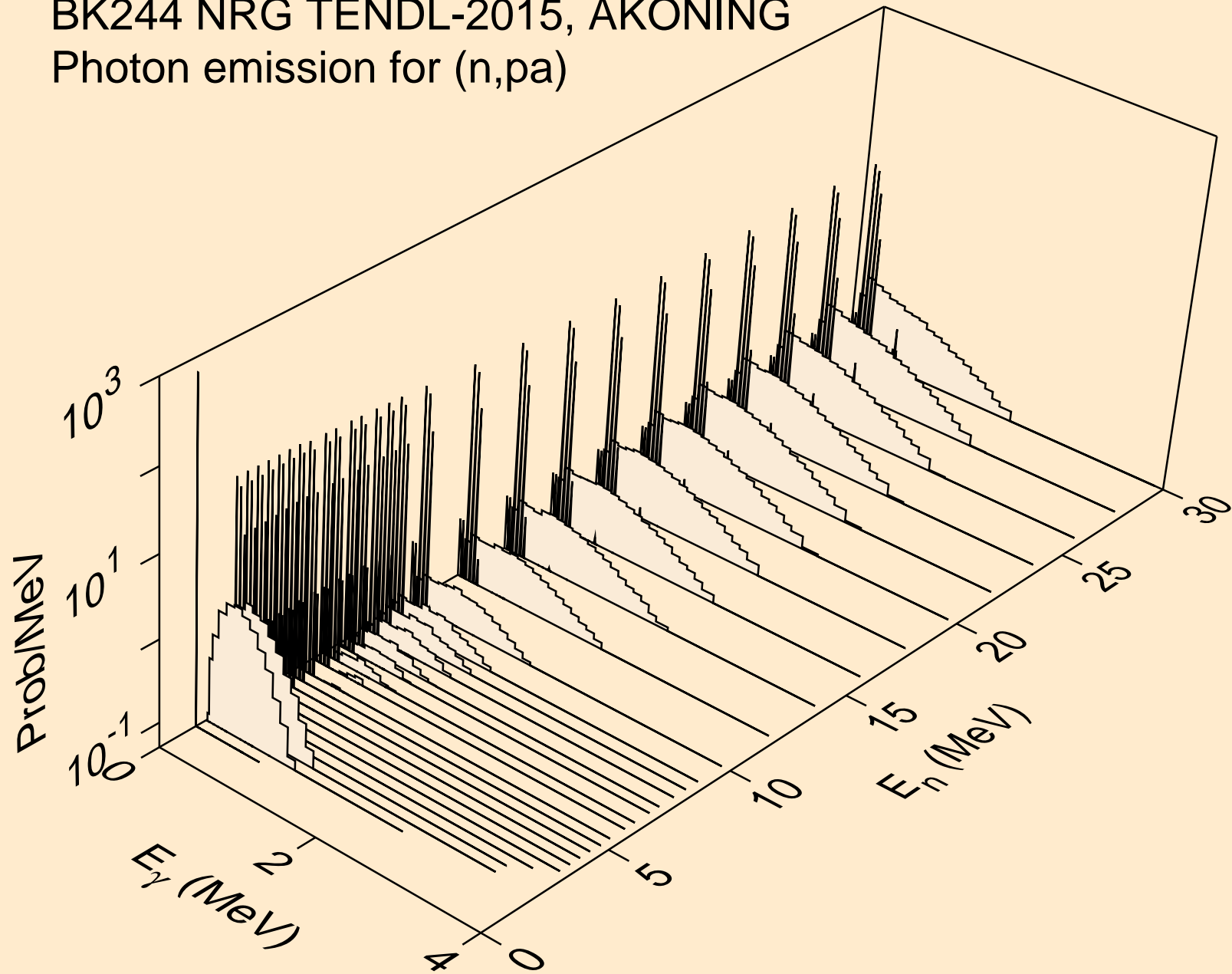




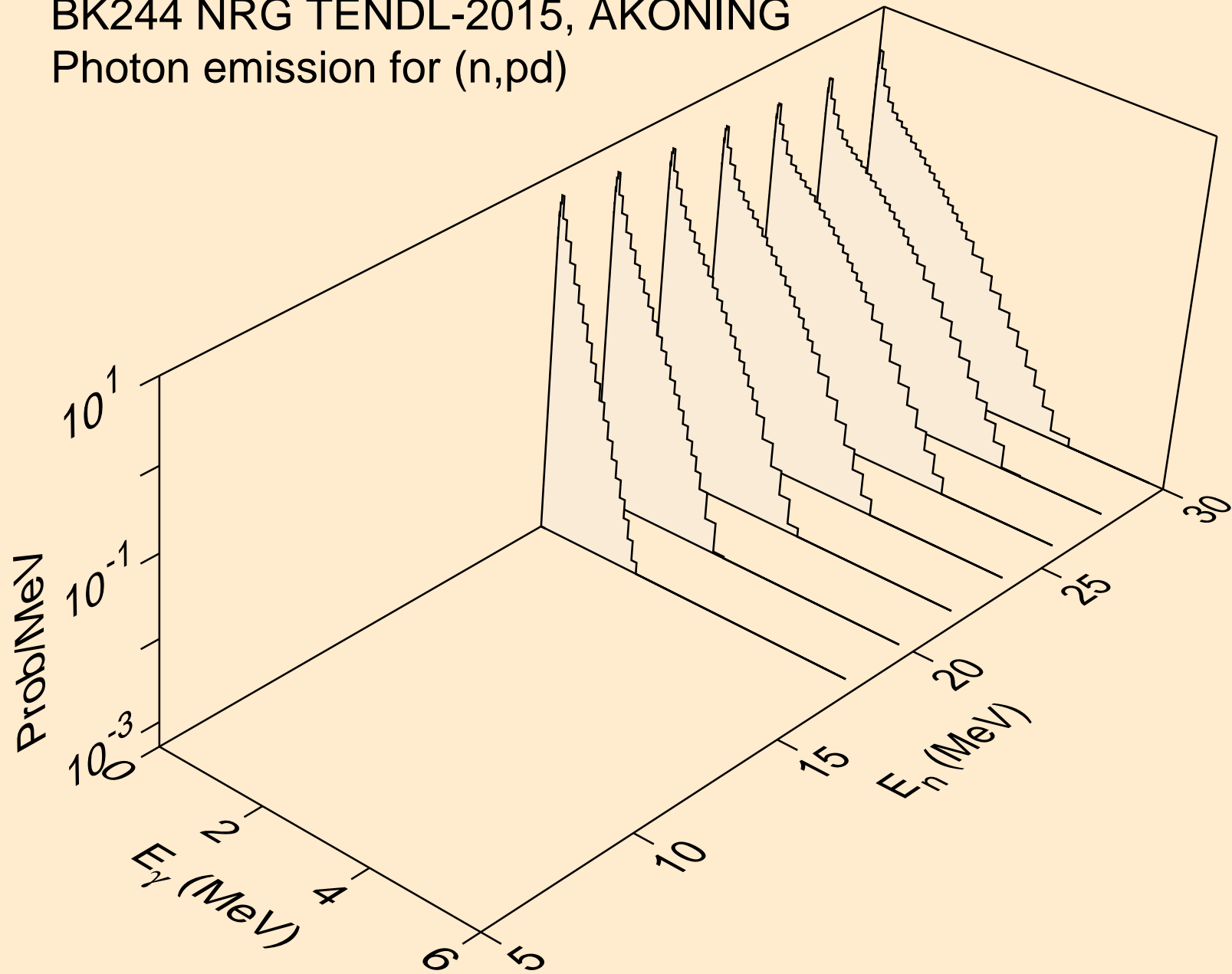
BK244 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



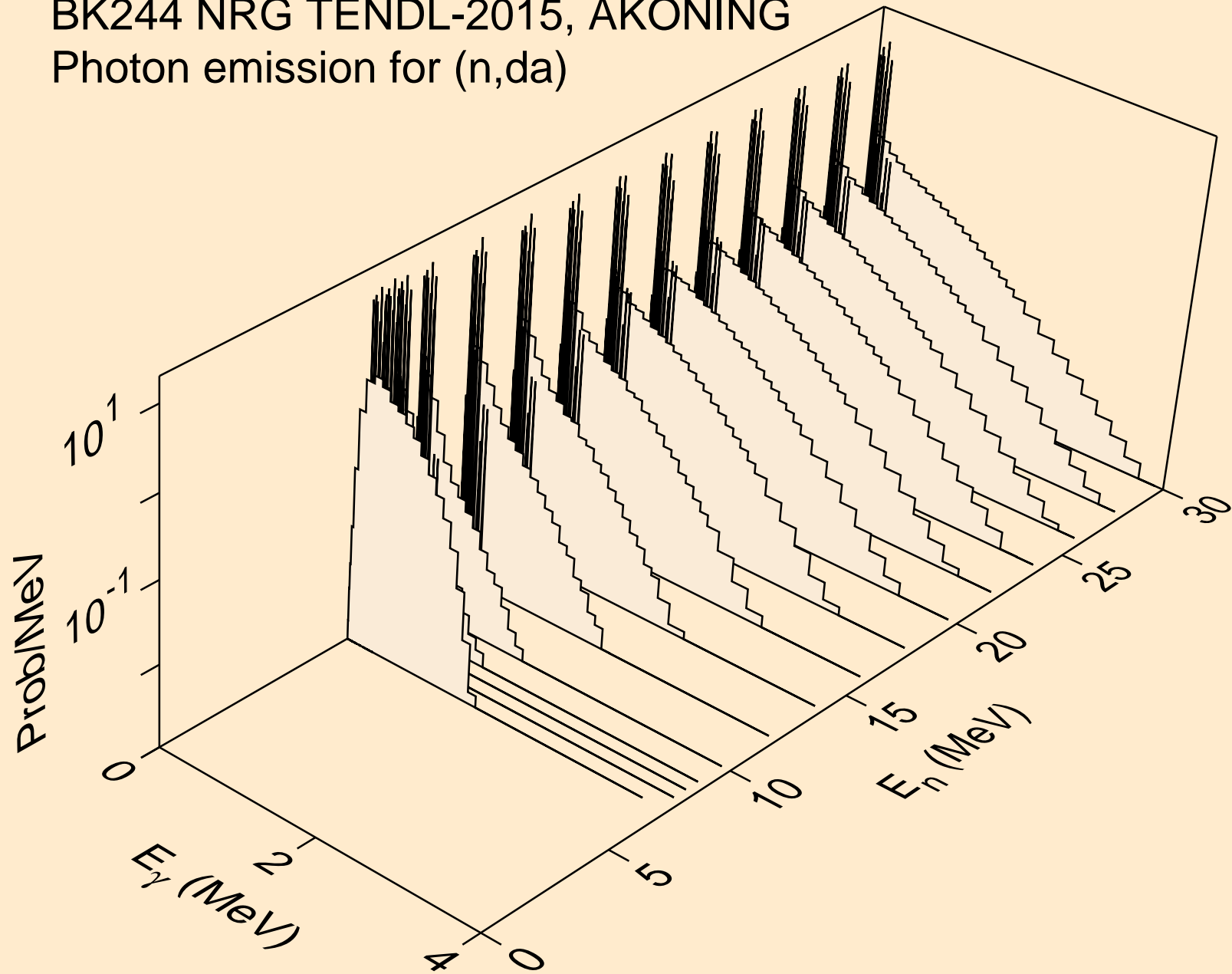
BK244 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



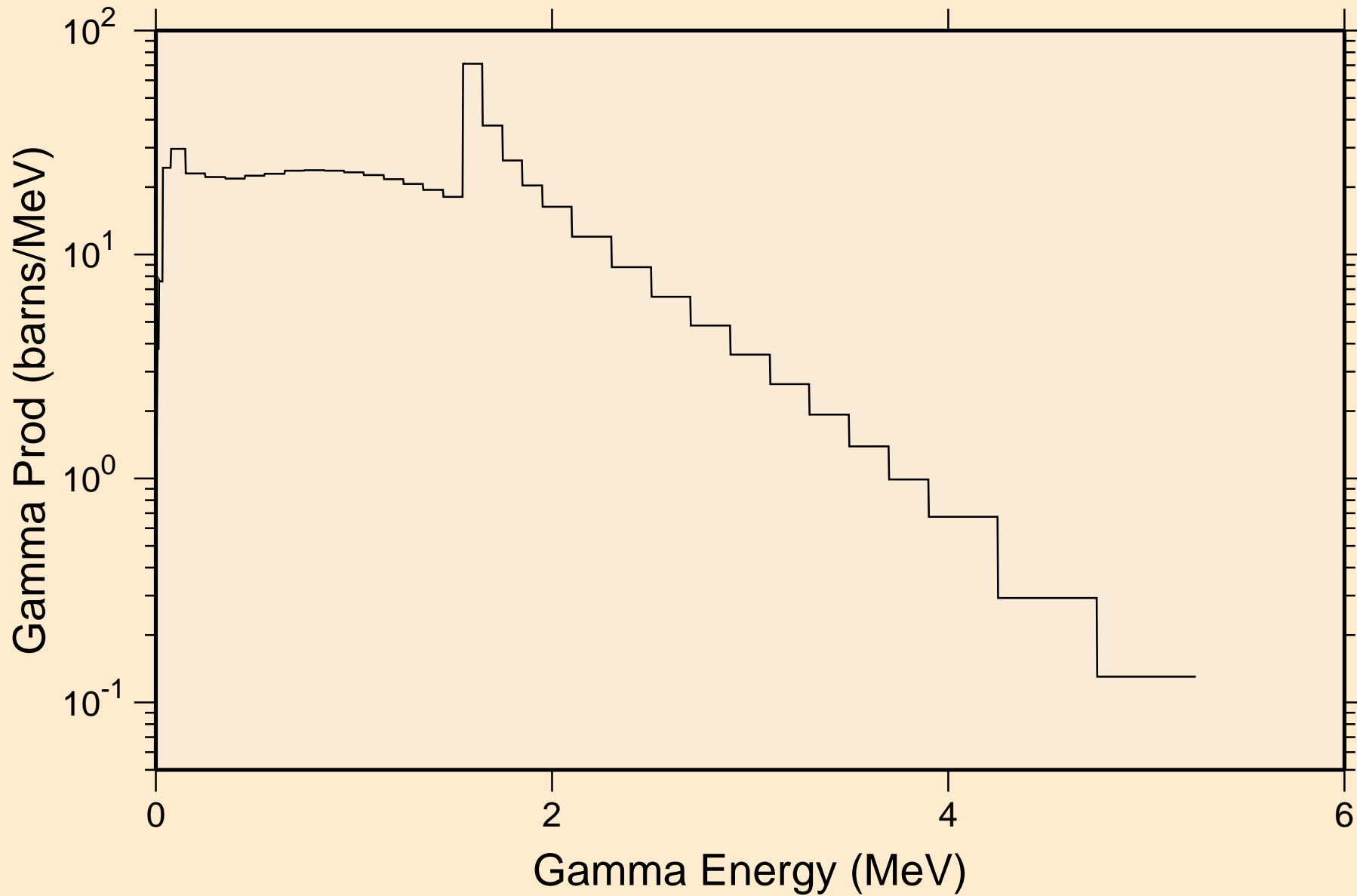
BK244 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



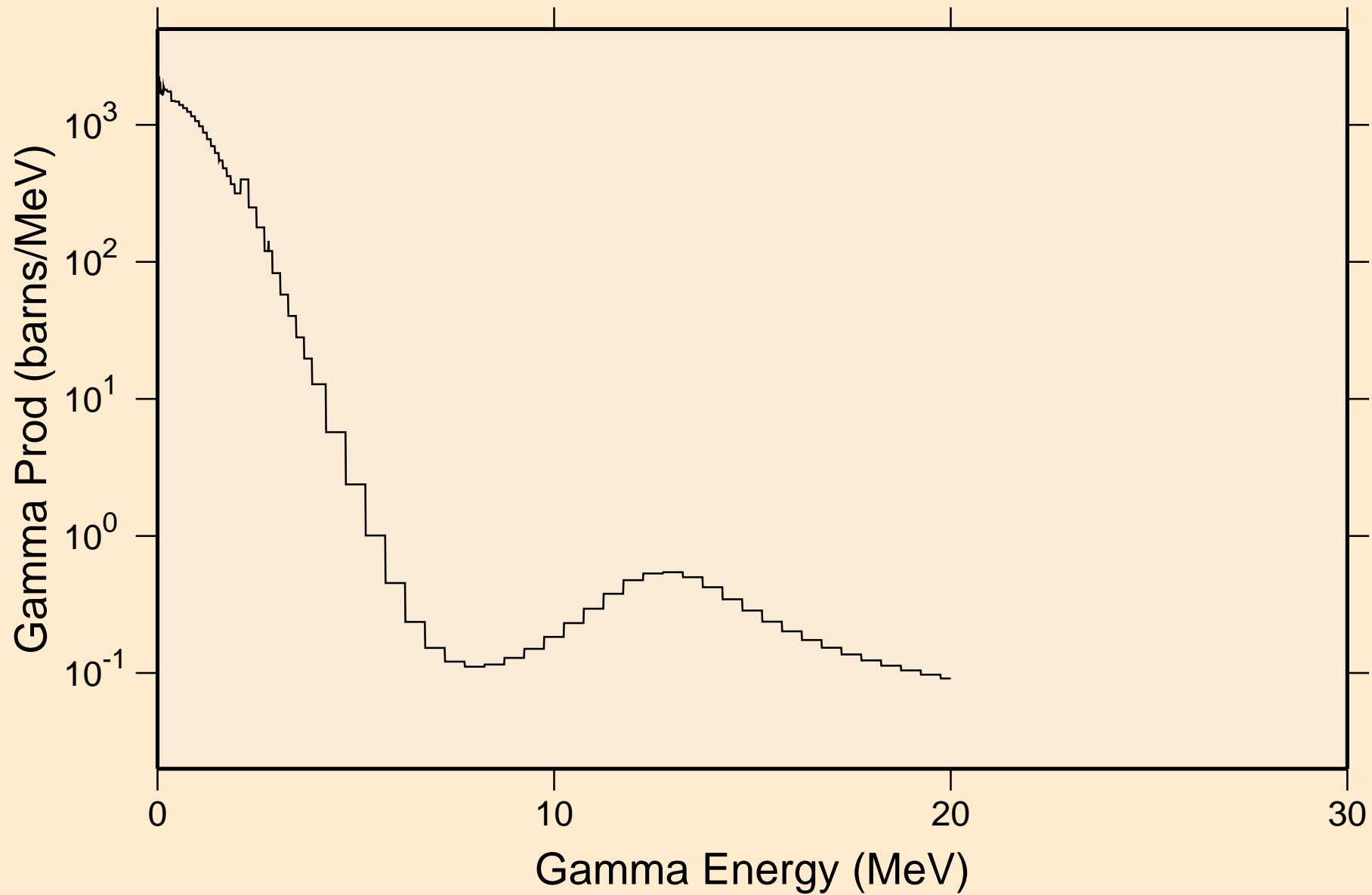
BK244 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



BK244 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

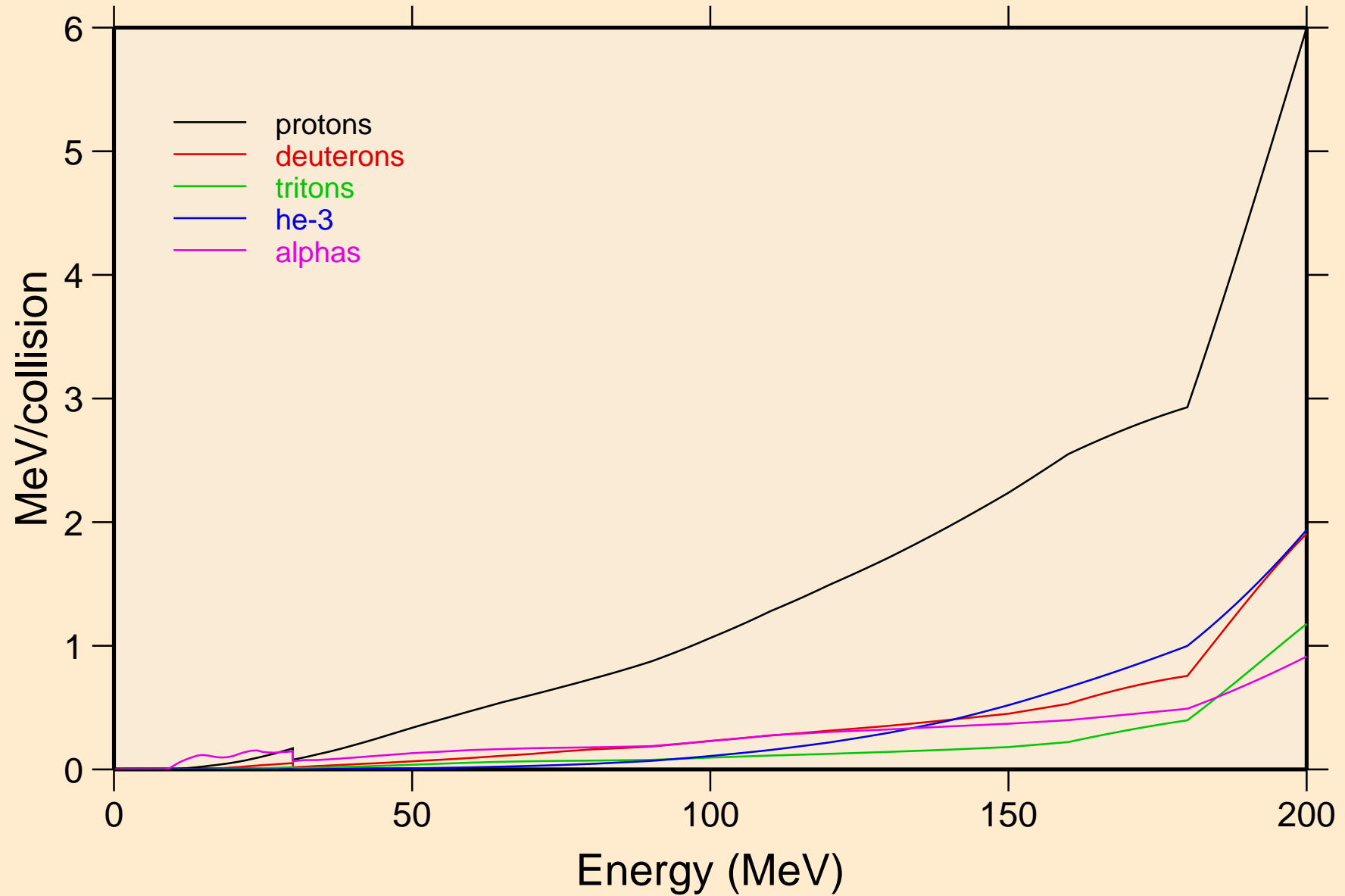


BK244 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



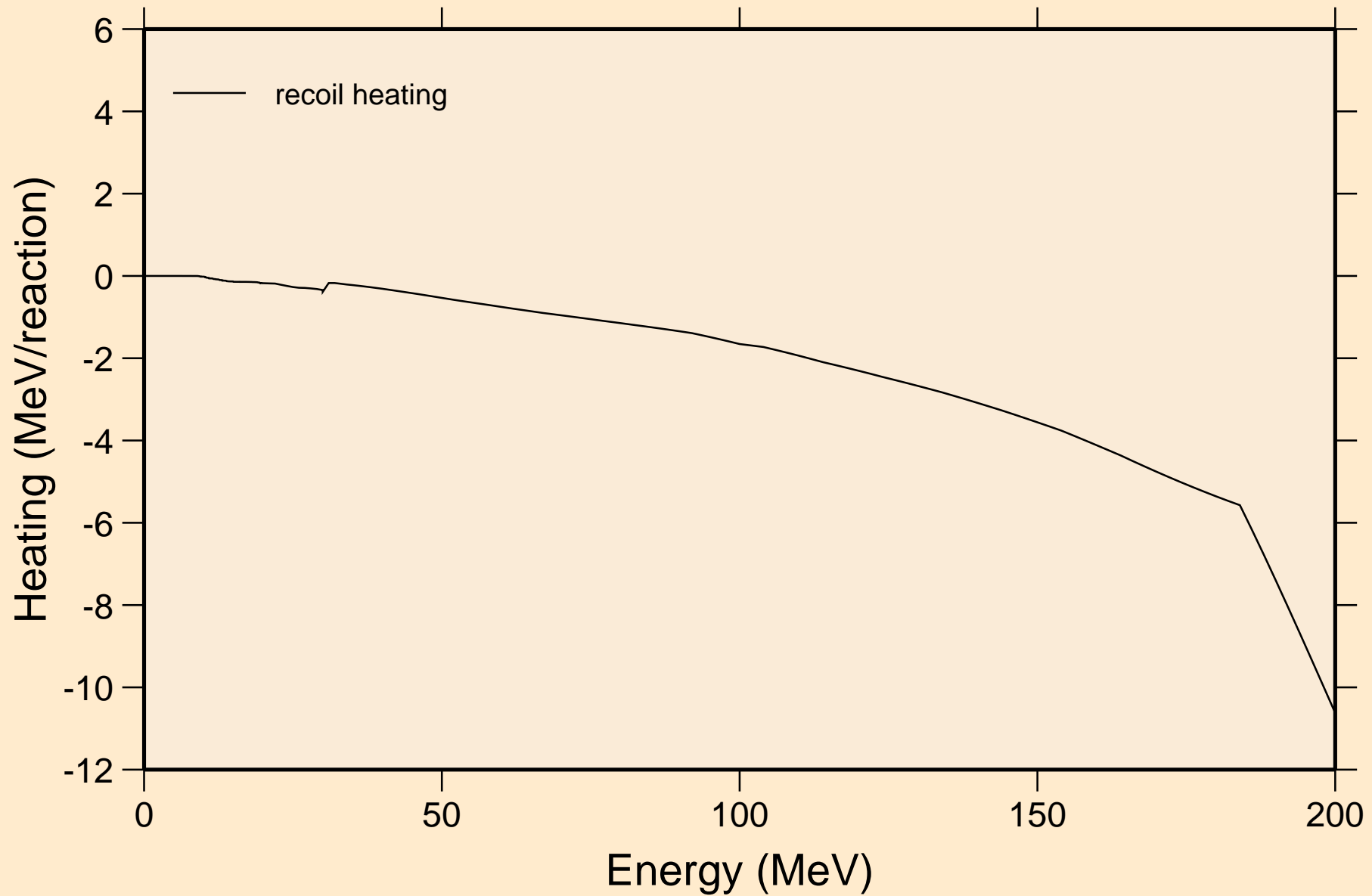
# BK244 NRG TENDL-2015, AKONING

## Particle heating contributions



# BK244 NRG TENDL-2015, AKONING

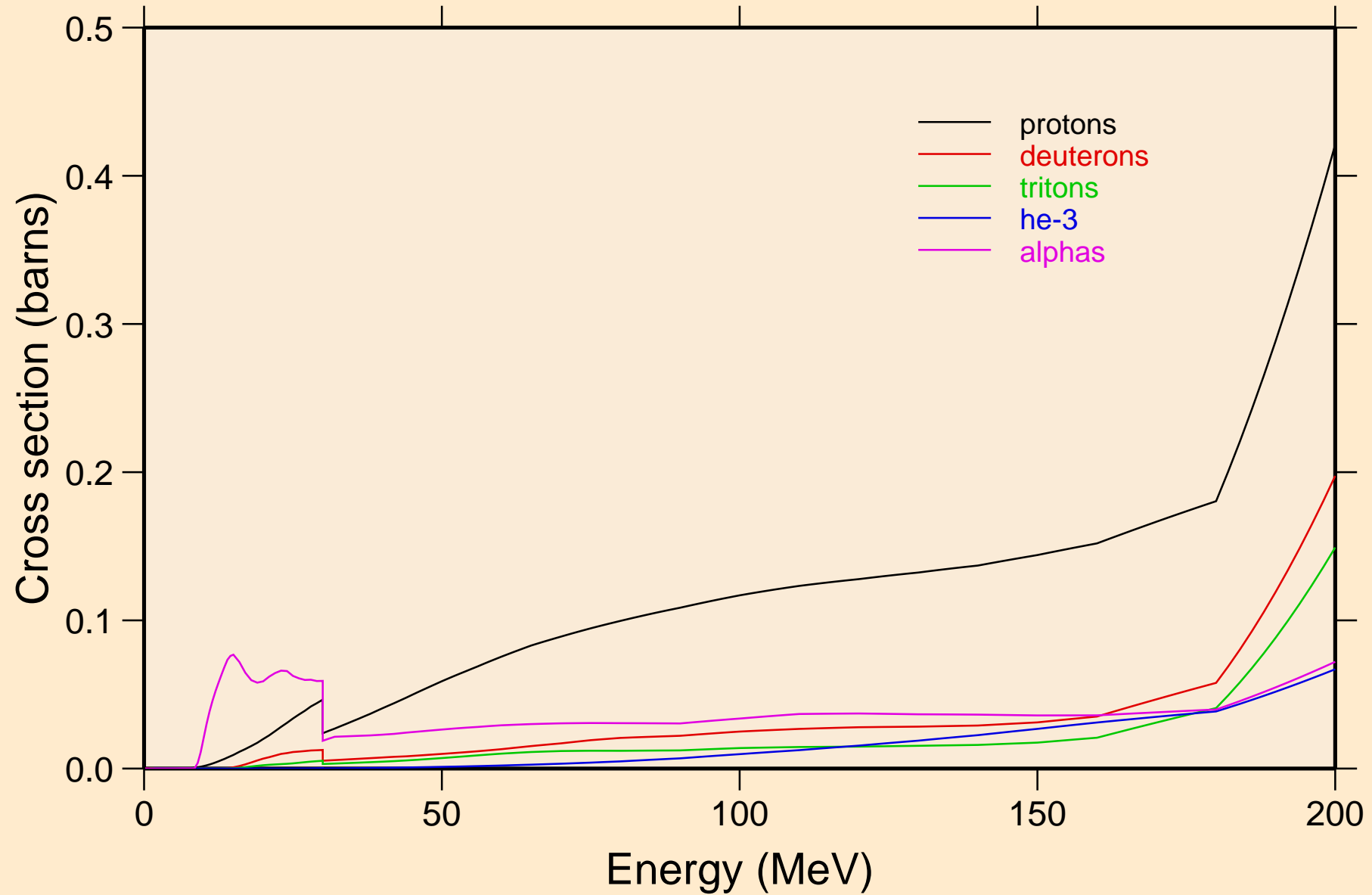
## Recoil Heating



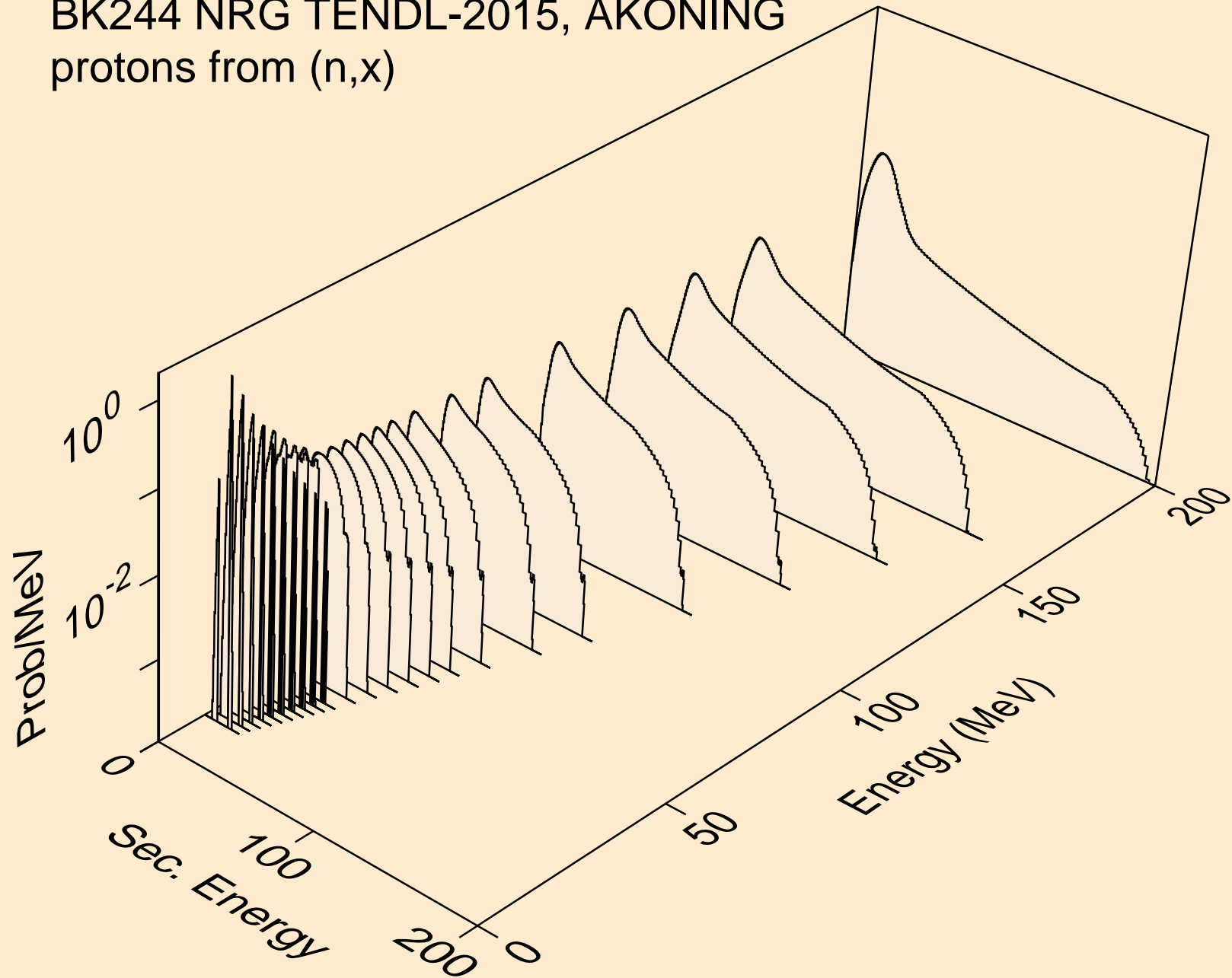


# BK244 NRG TENDL-2015, AKONING

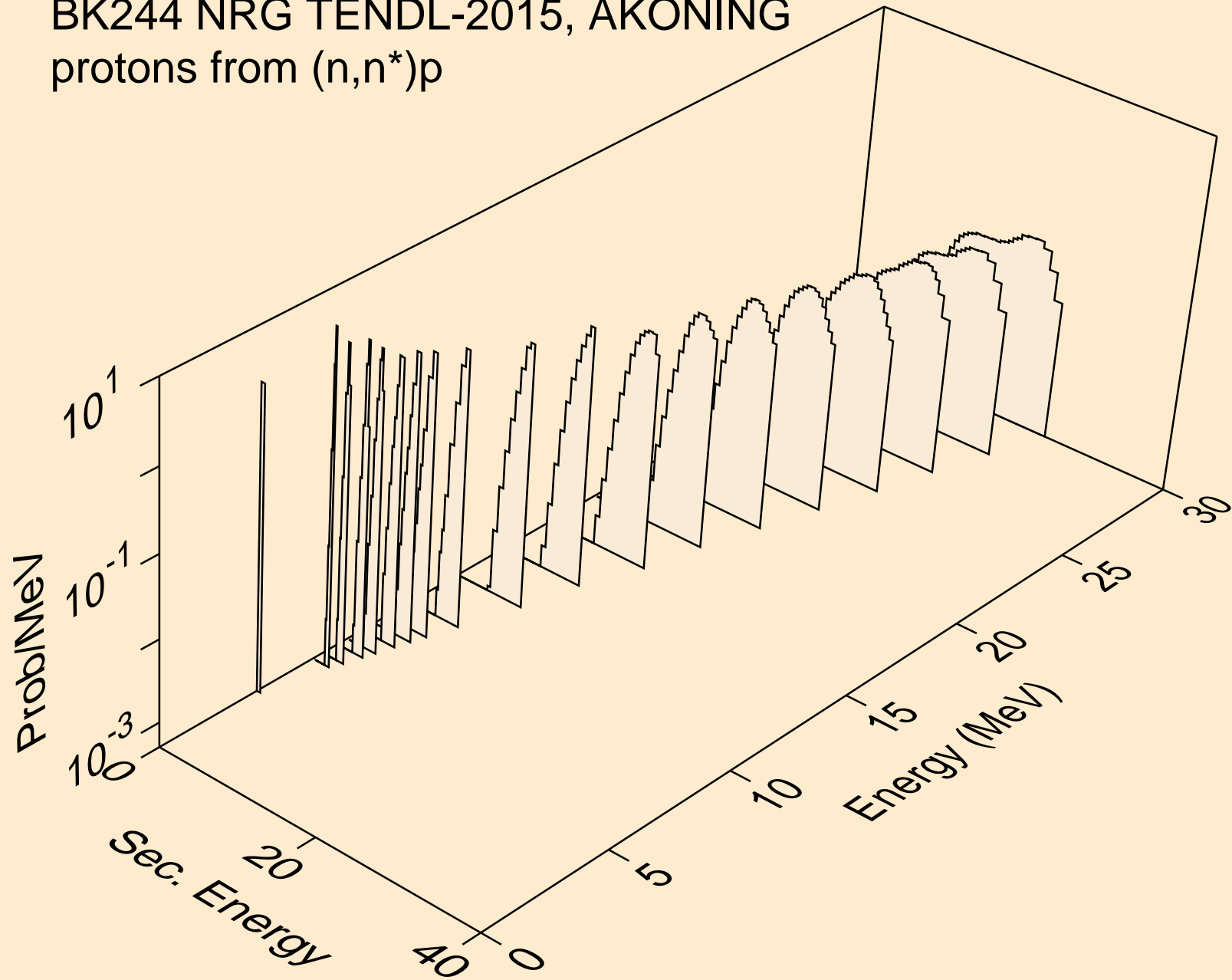
## Particle production cross sections



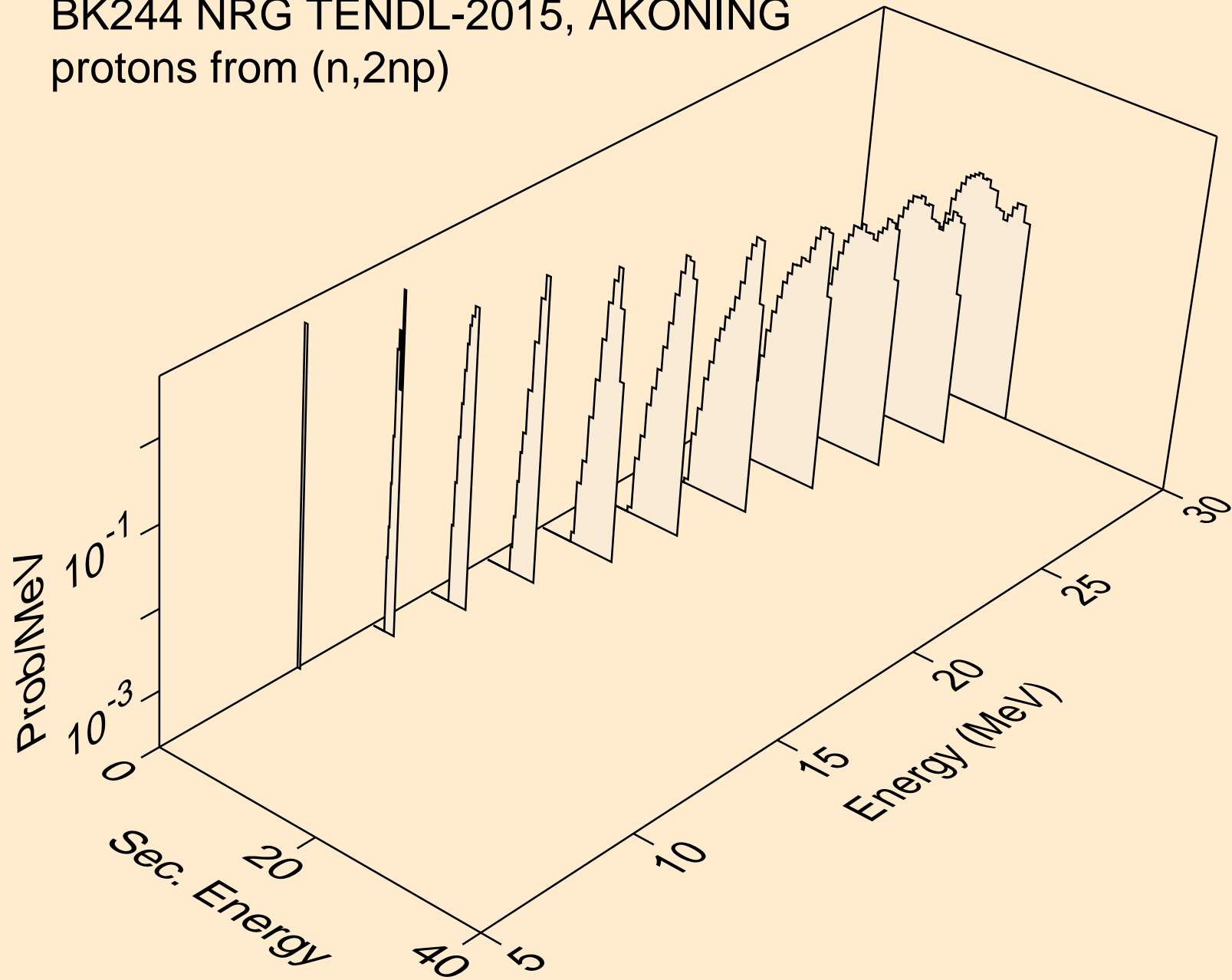
BK244 NRG TENDL-2015, AKONING  
protons from (n,x)



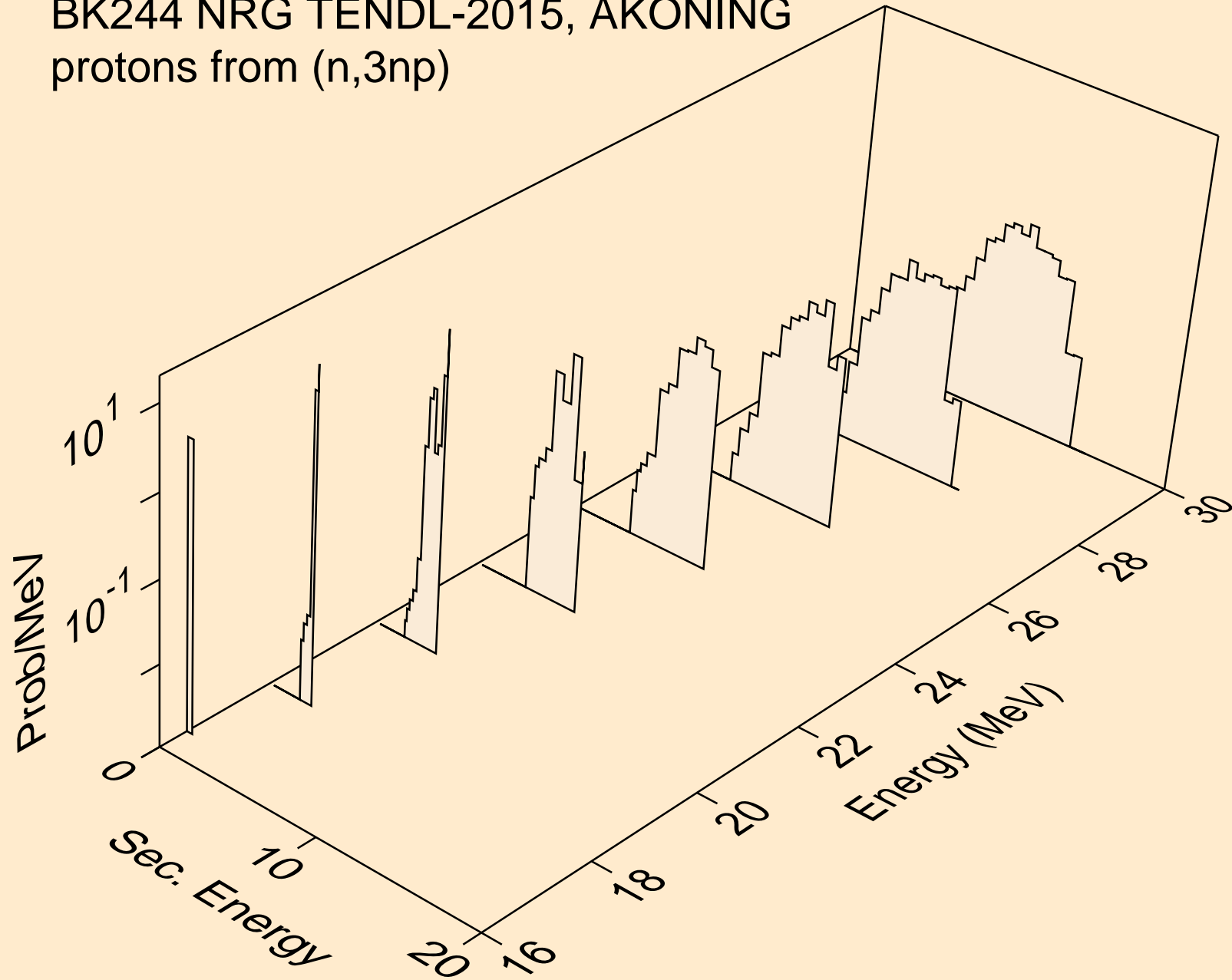
BK244 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



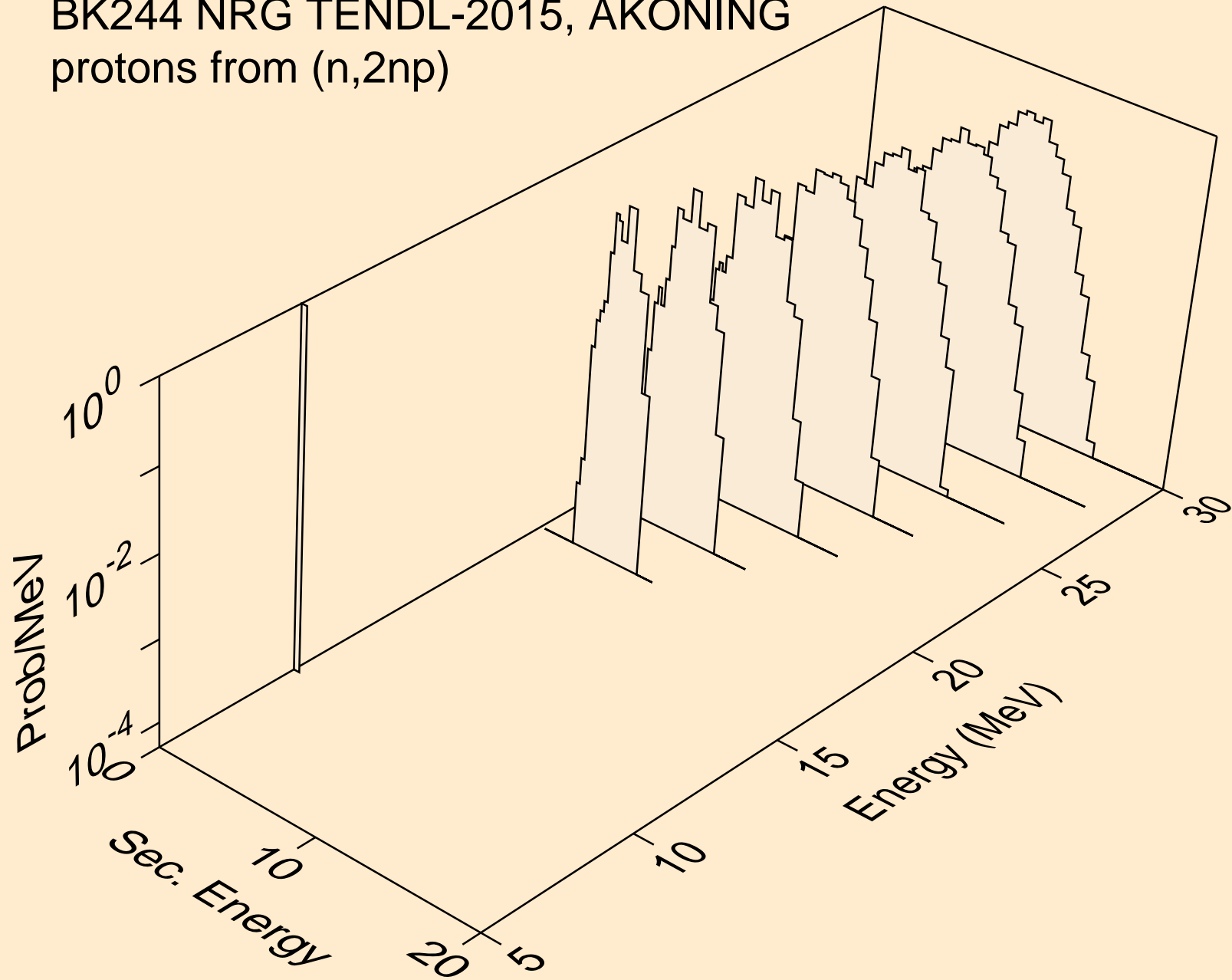
BK244 NRG TENDL-2015, AKONING  
protons from (n,2np)



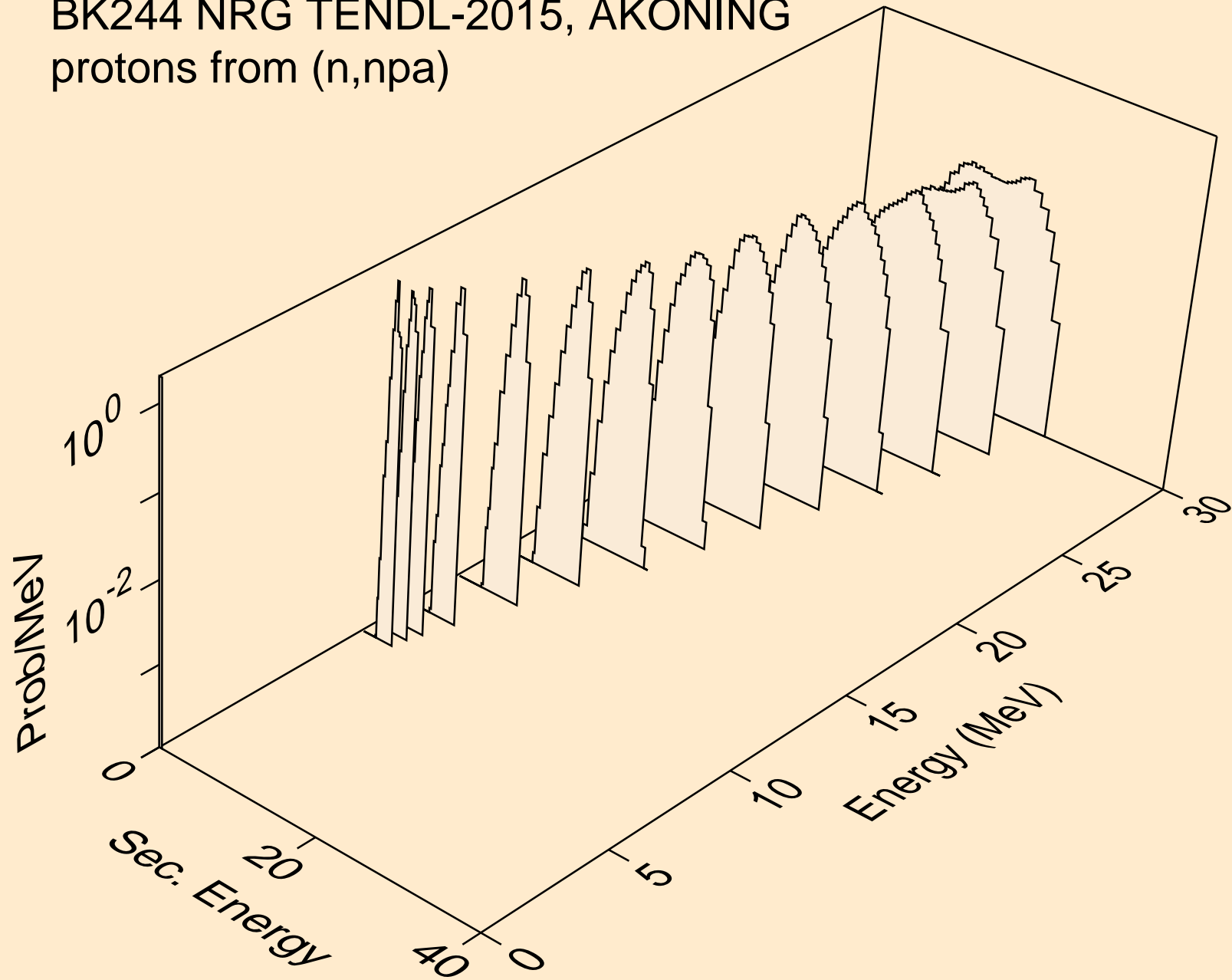
BK244 NRG TENDL-2015, AKONING  
protons from (n,3np)



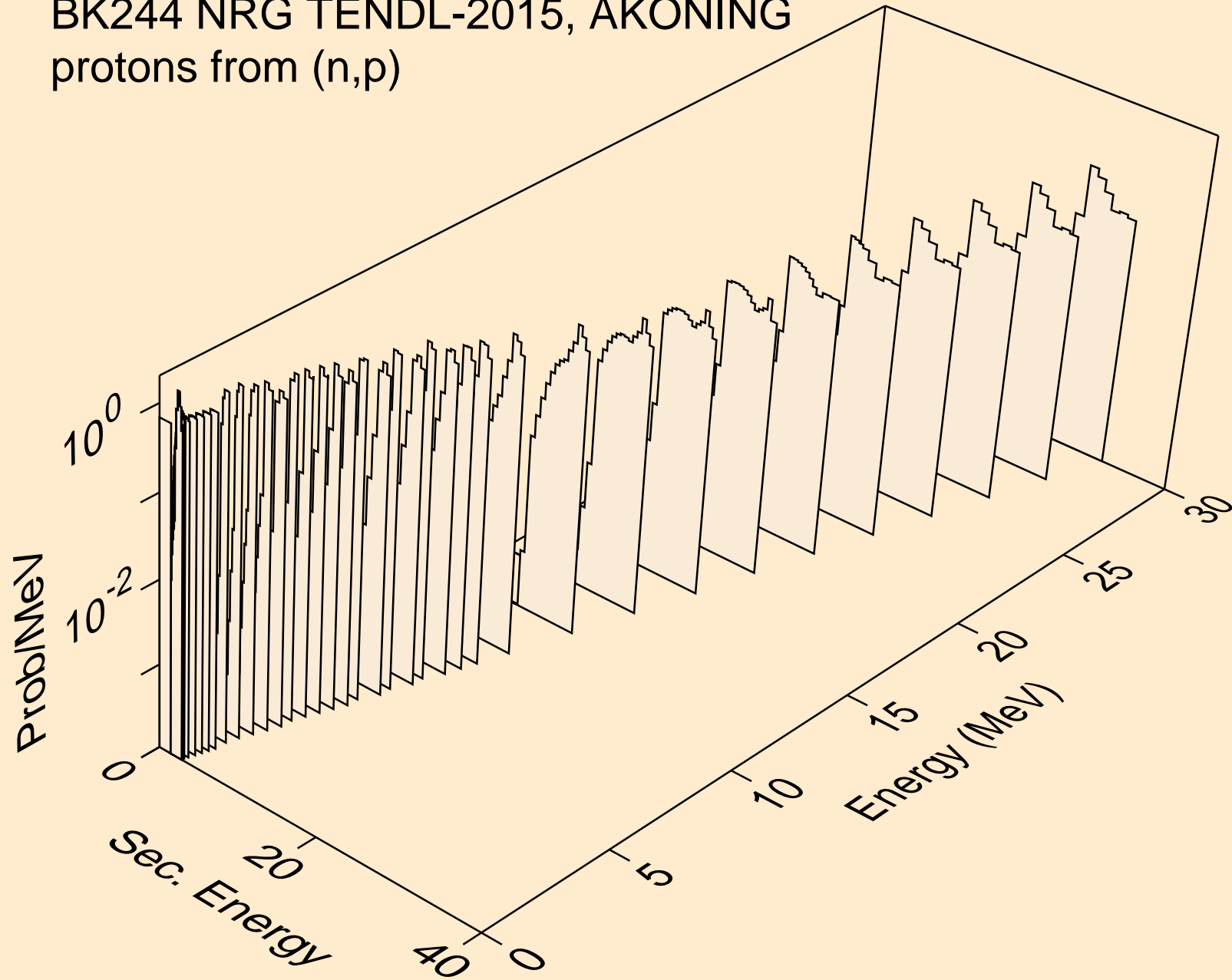
BK244 NRG TENDL-2015, AKONING  
protons from (n,2np)



BK244 NRG TENDL-2015, AKONING  
protons from (n,npa)

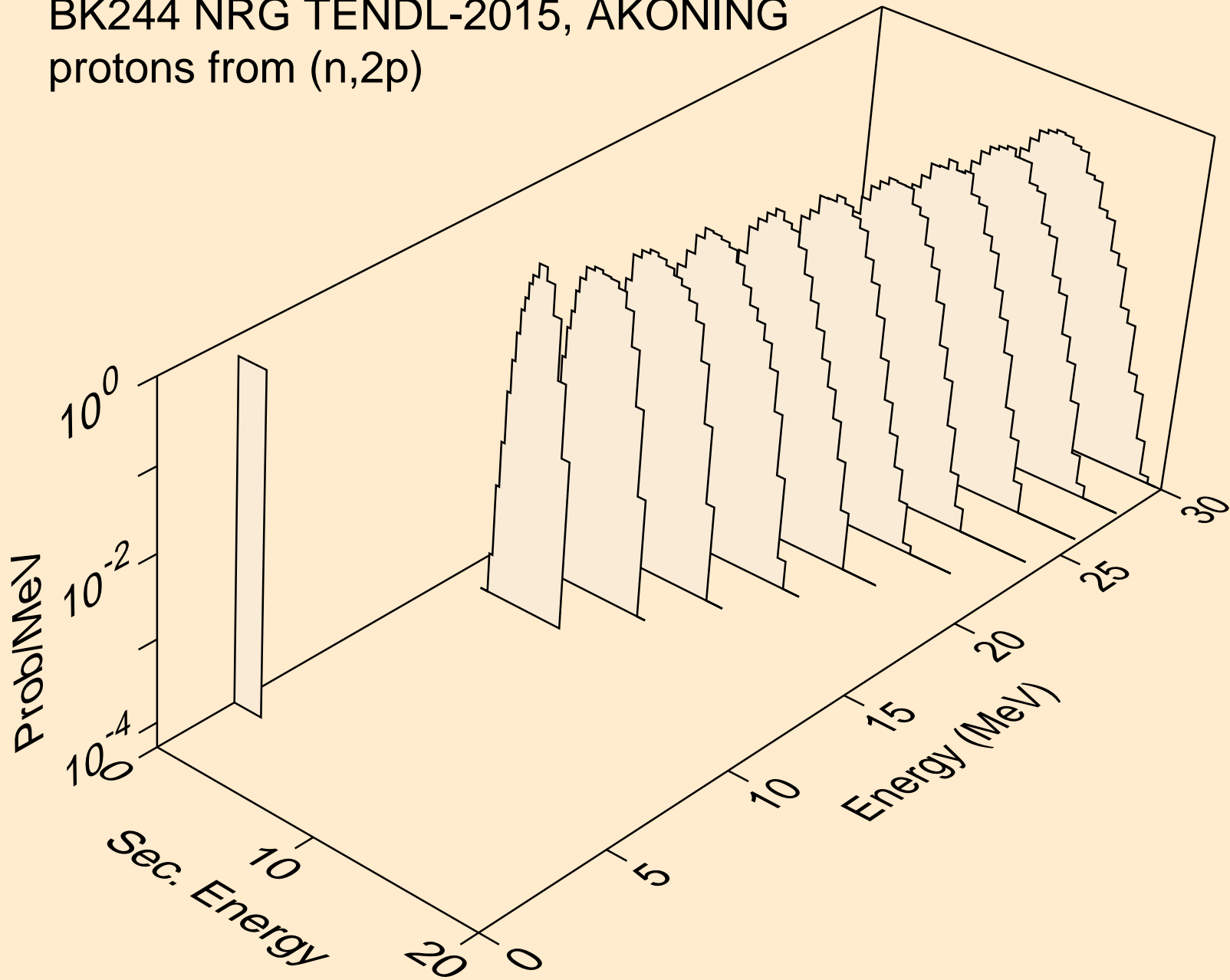


BK244 NRG TENDL-2015, AKONING  
protons from (n,p)

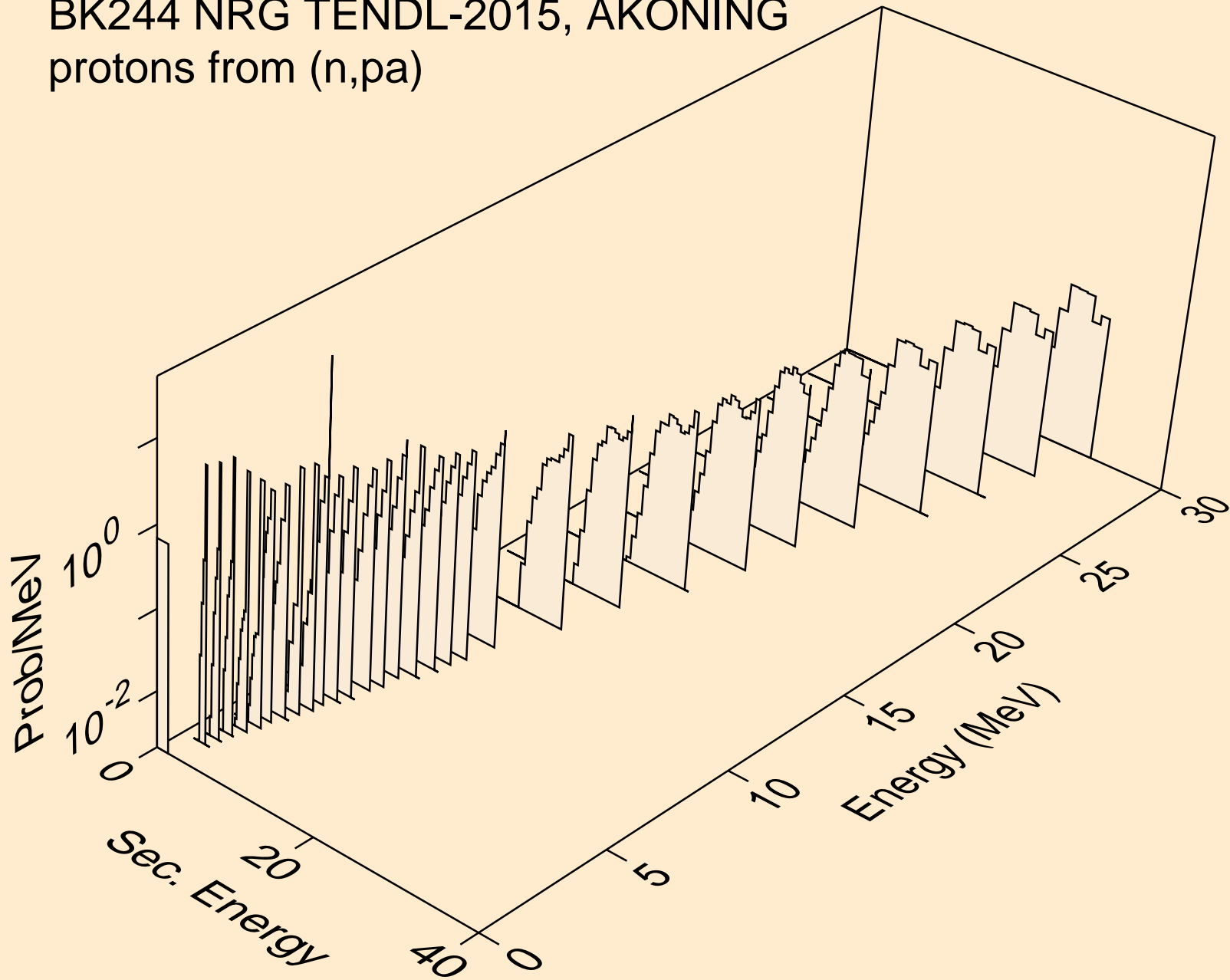




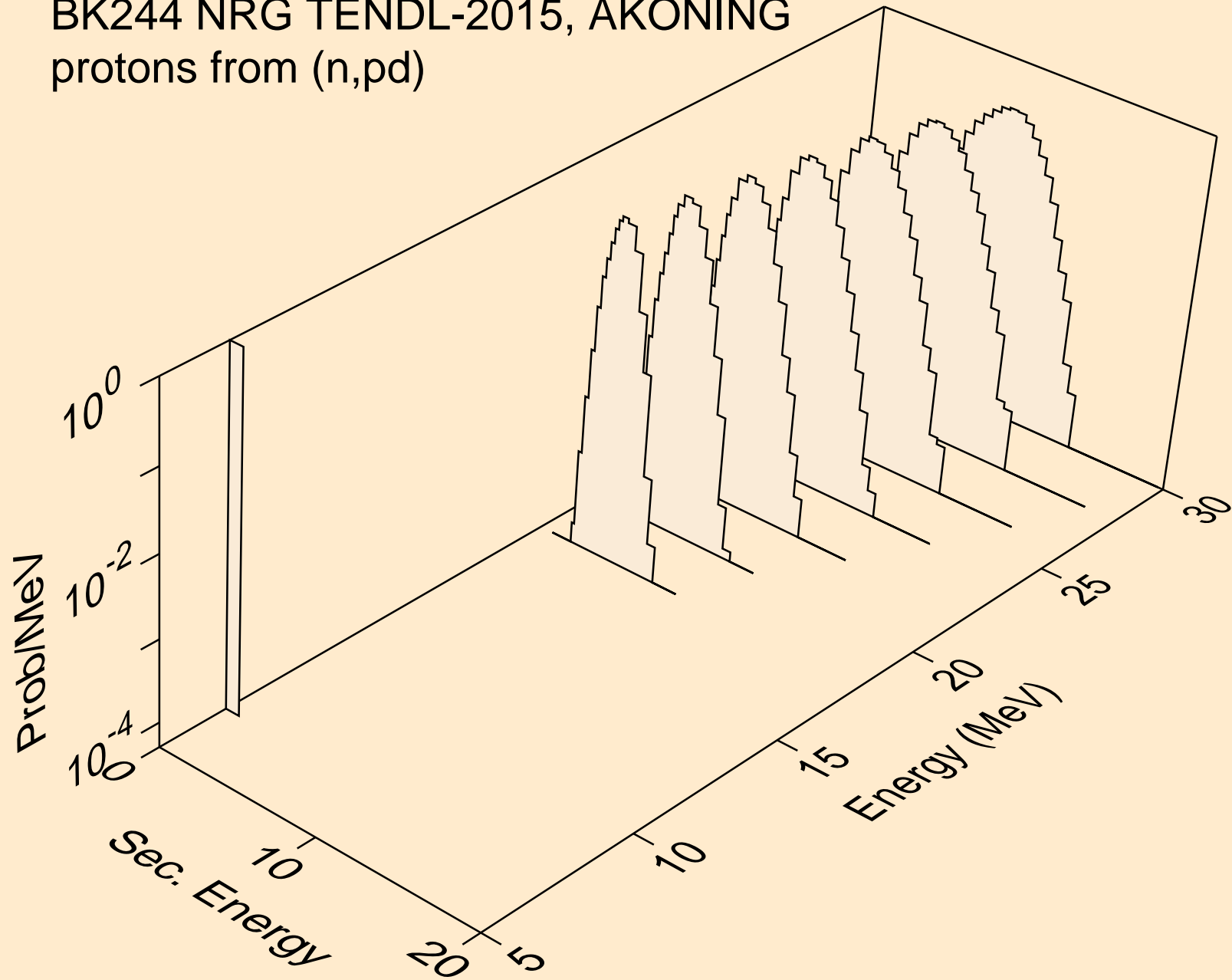
BK244 NRG TENDL-2015, AKONING  
protons from (n,2p)



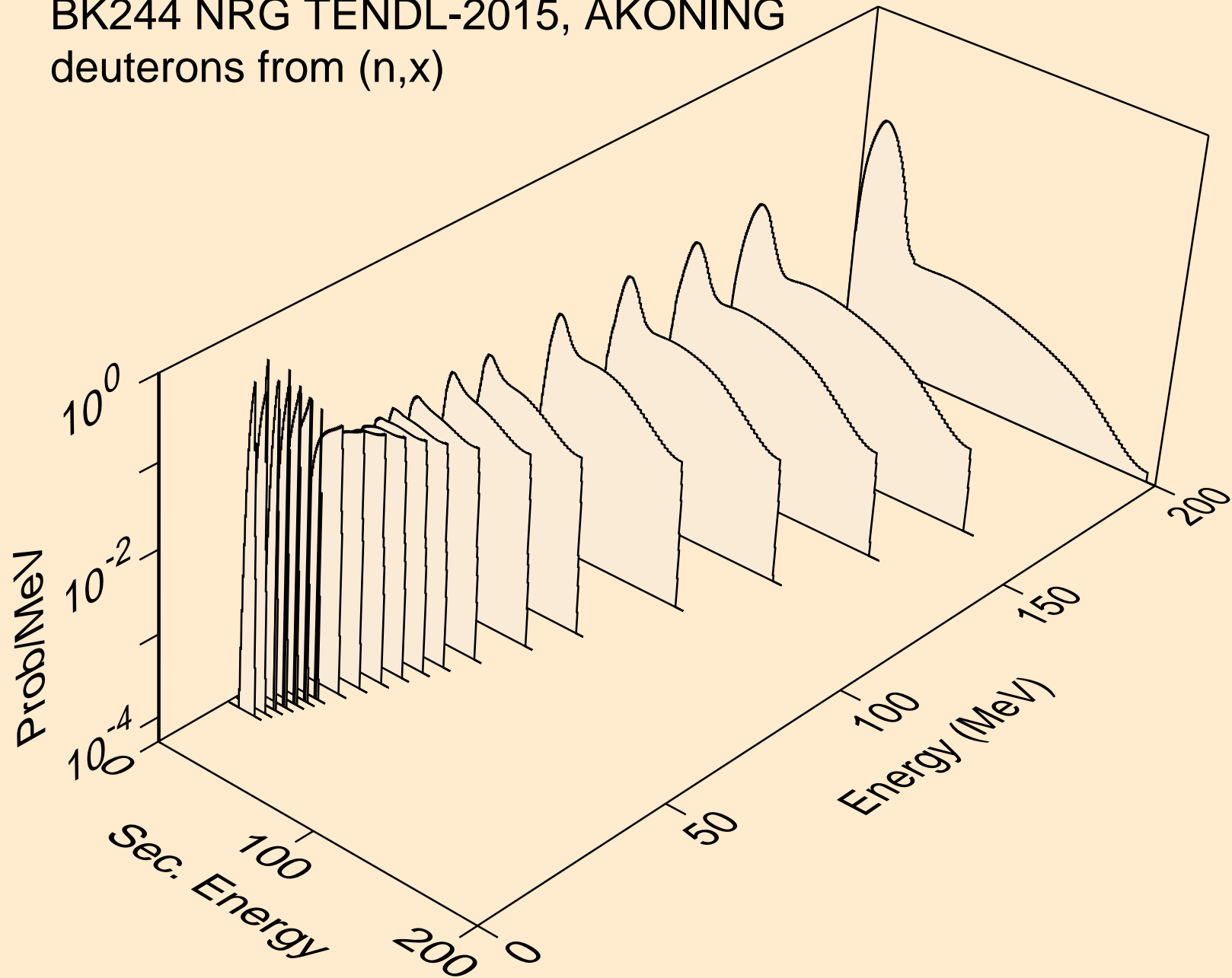
BK244 NRG TENDL-2015, AKONING  
protons from (n,pa)



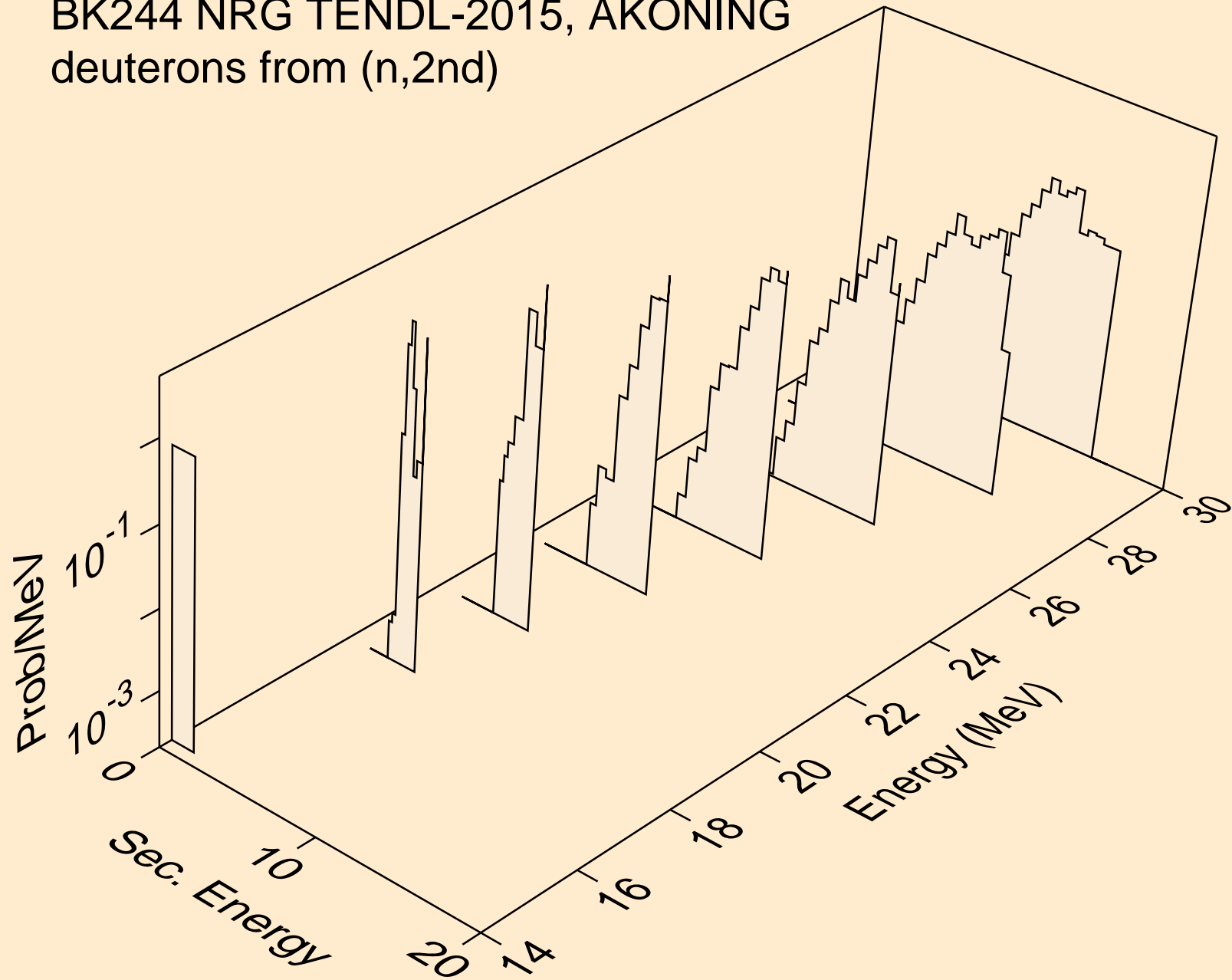
BK244 NRG TENDL-2015, AKONING  
protons from (n,pd)



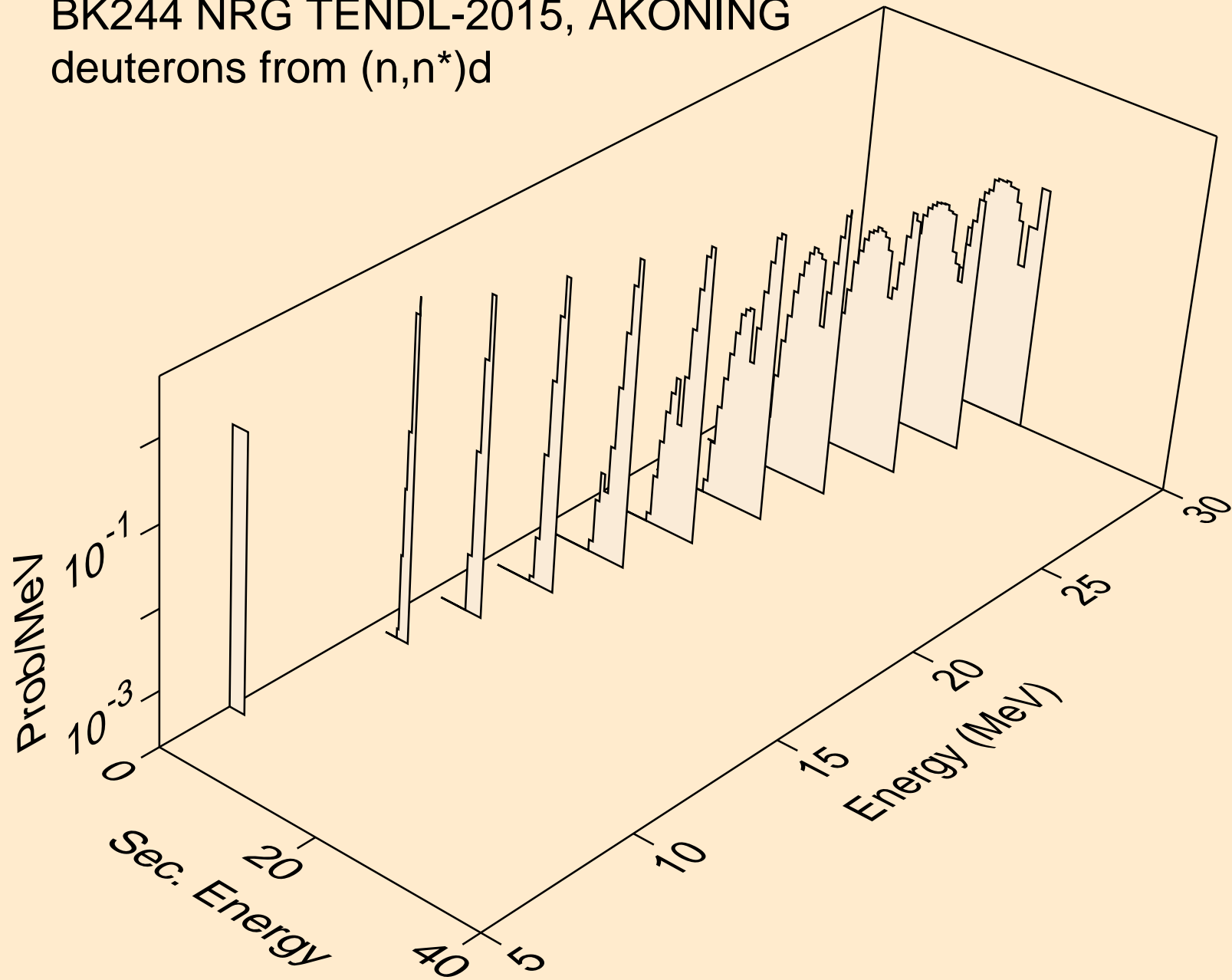
BK244 NRG TENDL-2015, AKONING  
deuterons from (n,x)



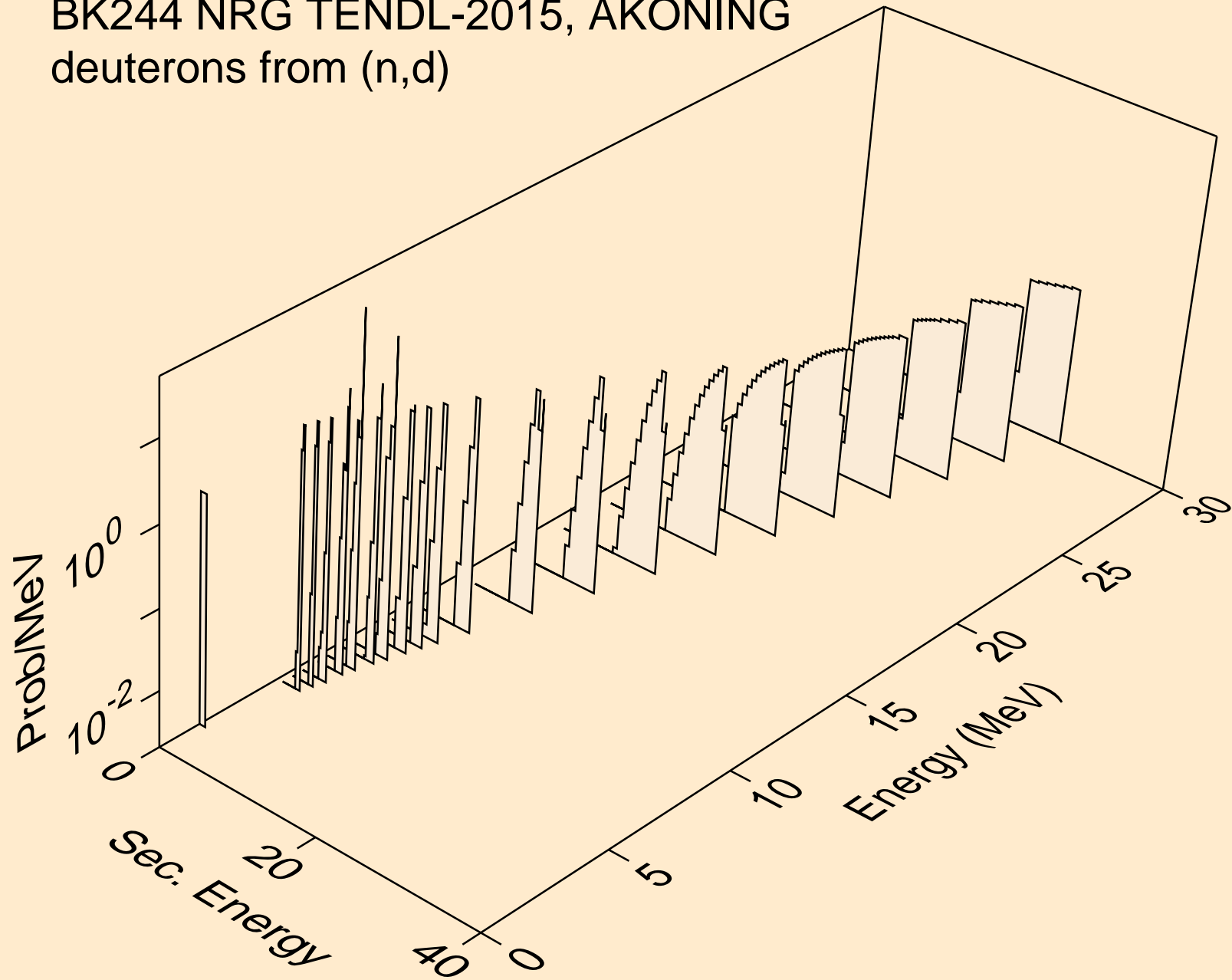
BK244 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



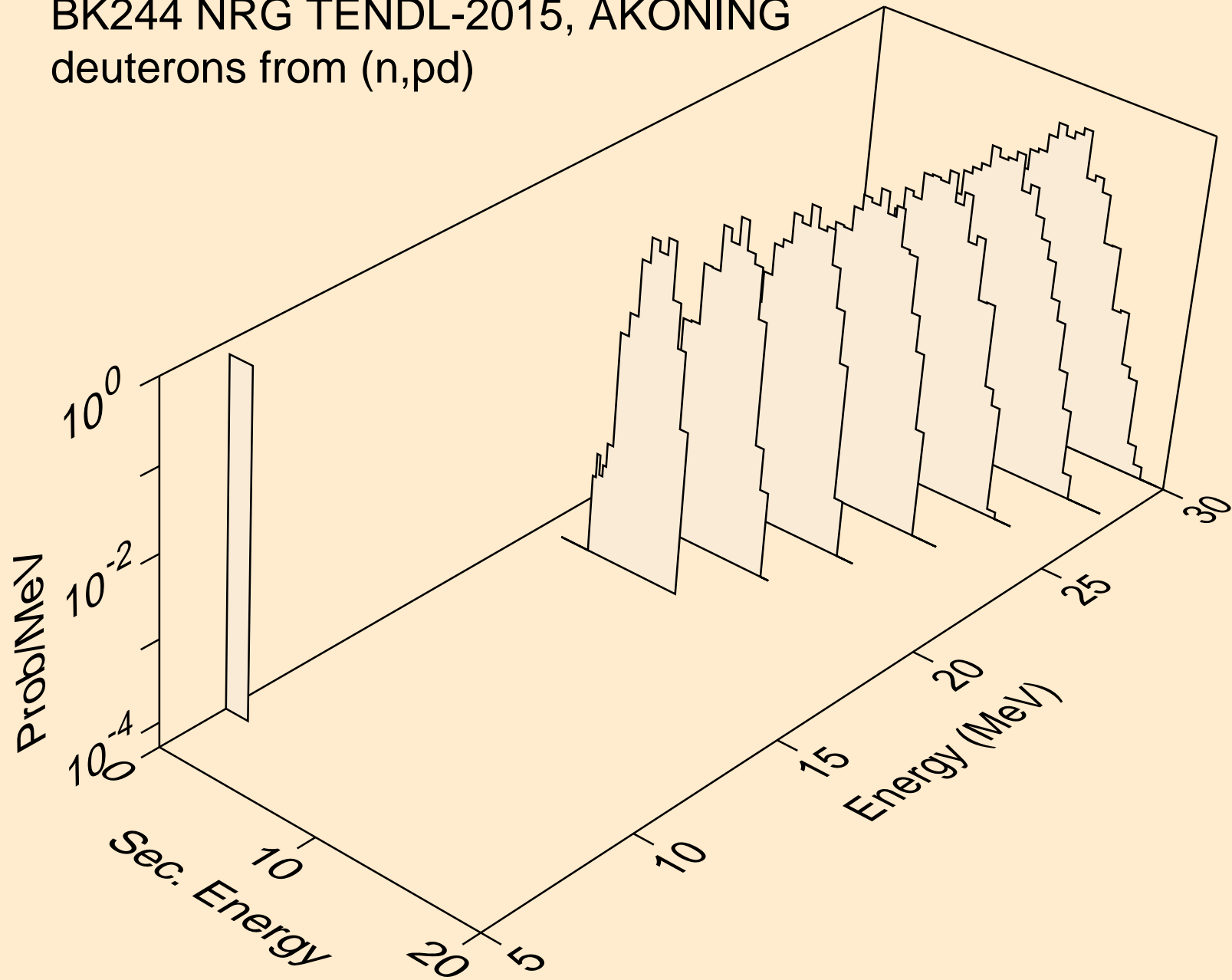
BK244 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



BK244 NRG TENDL-2015, AKONING  
deuterons from (n,d)

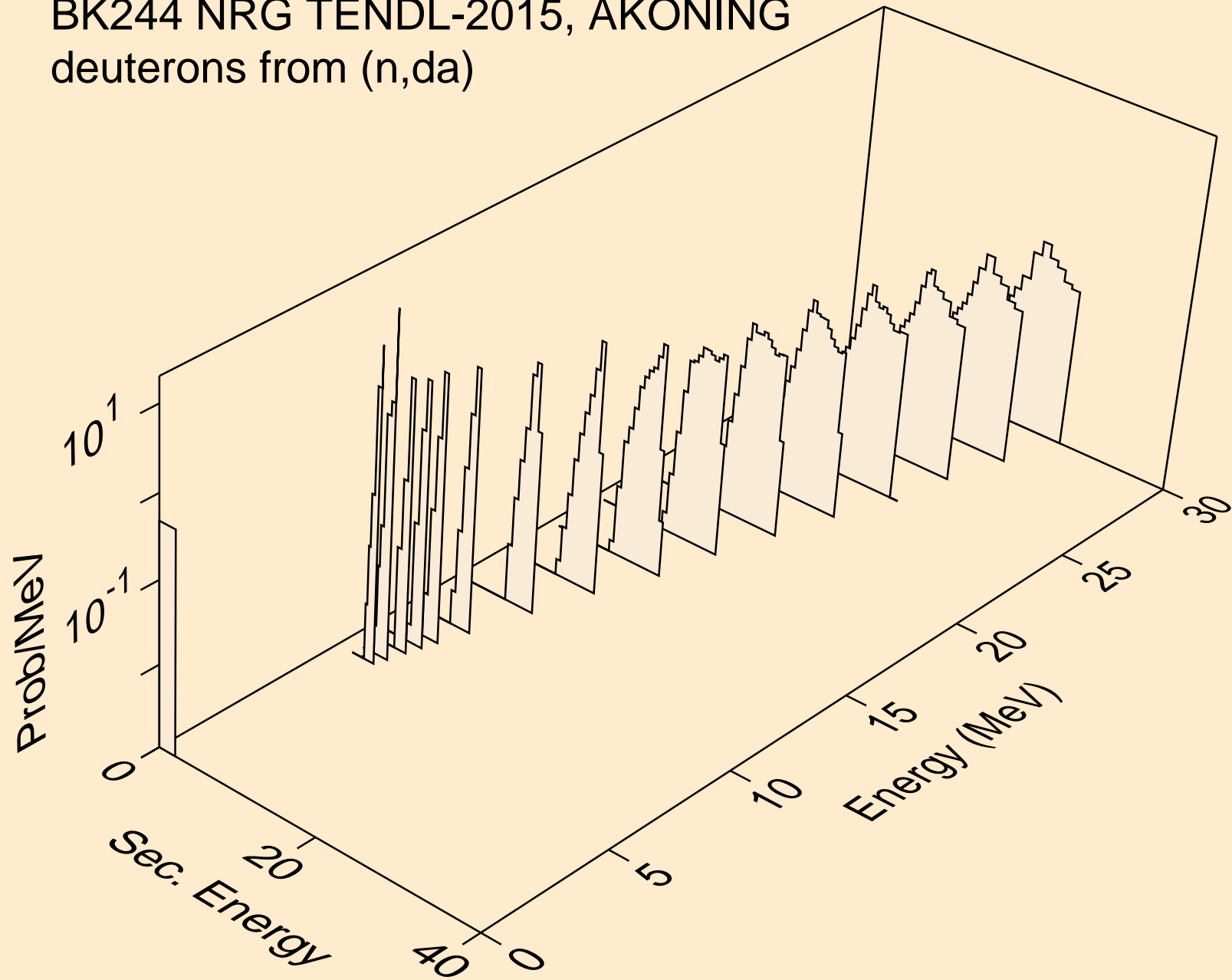


BK244 NRG TENDL-2015, AKONING  
deuterons from (n,pd)

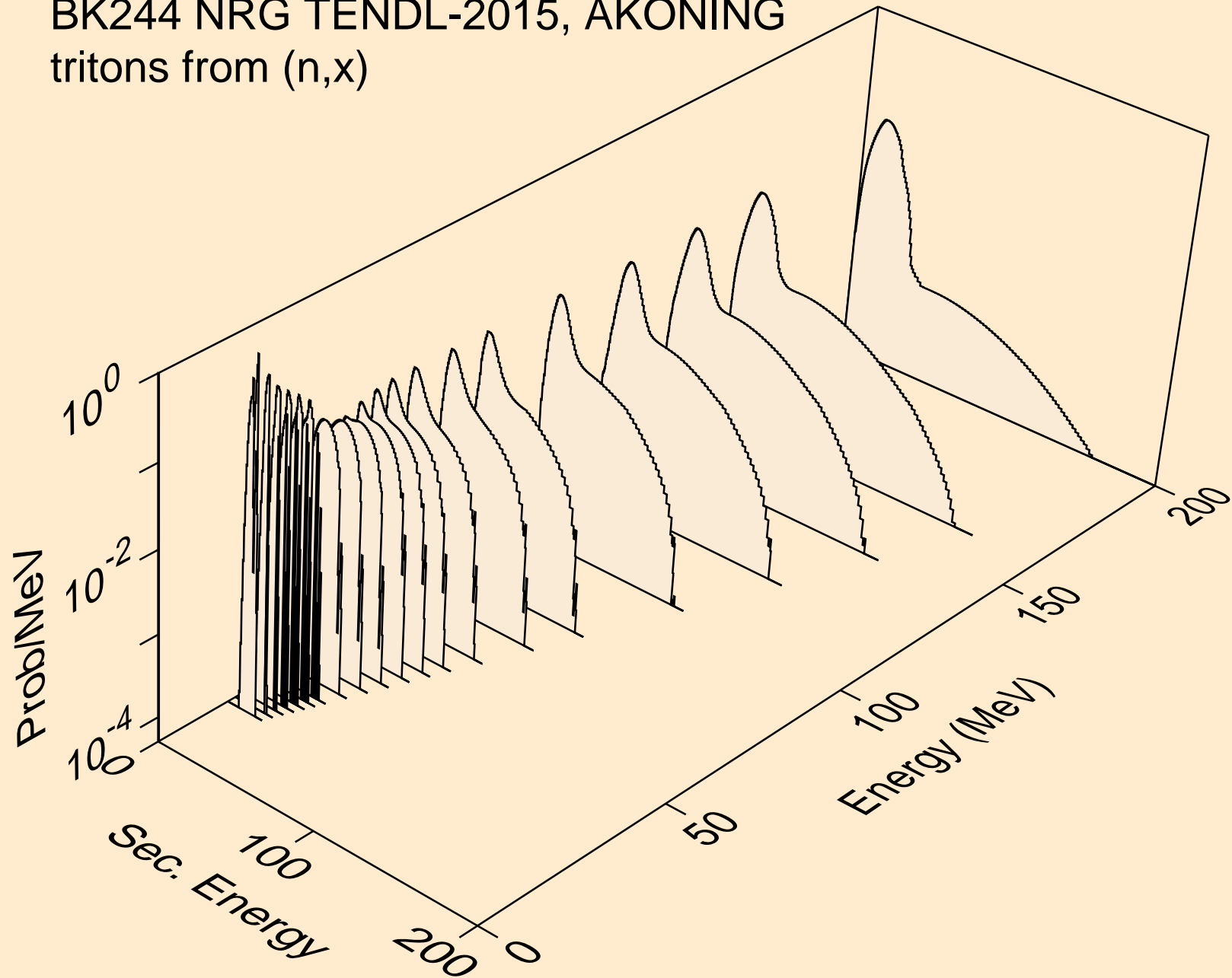




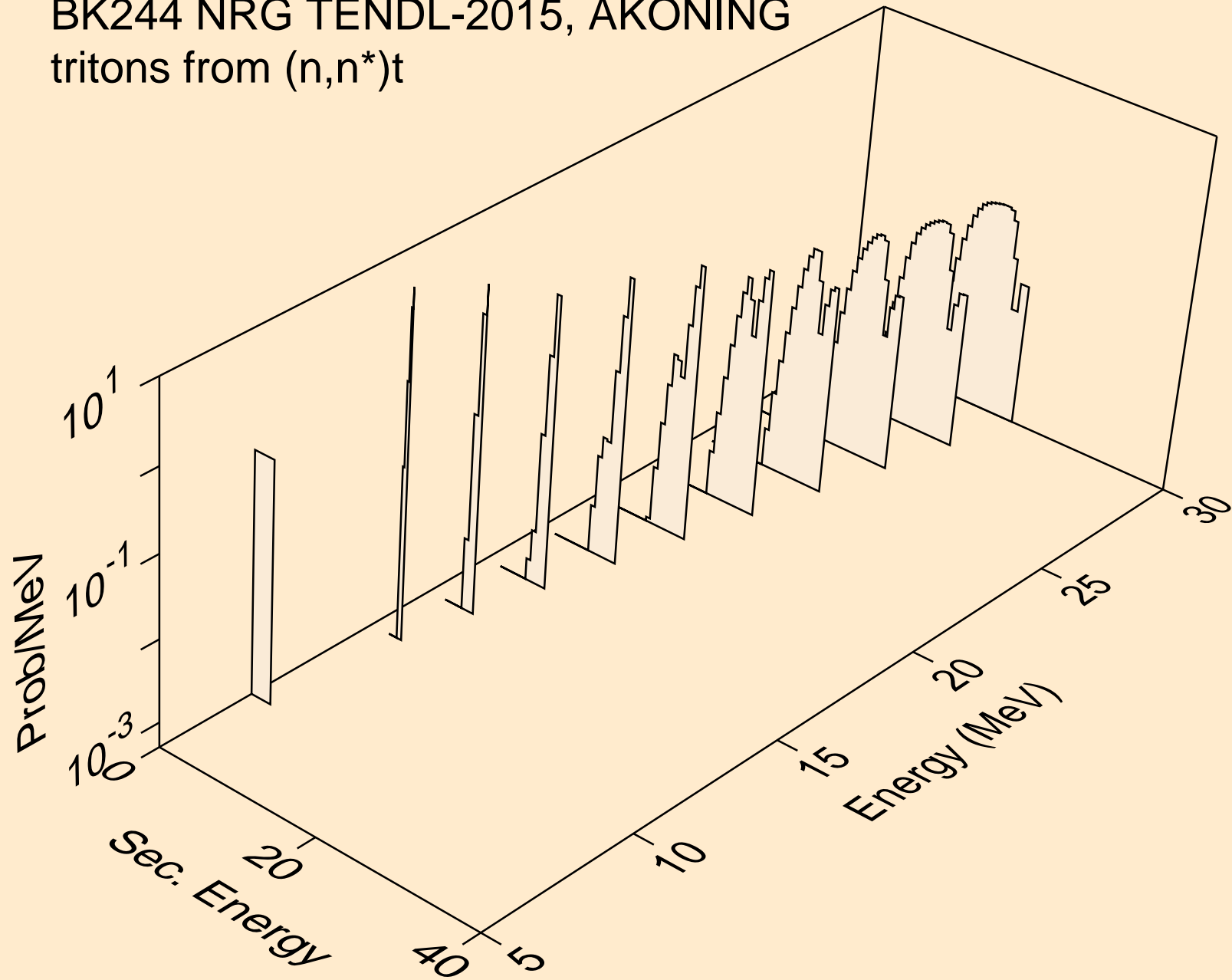
BK244 NRG TENDL-2015, AKONING  
deuterons from (n,da)



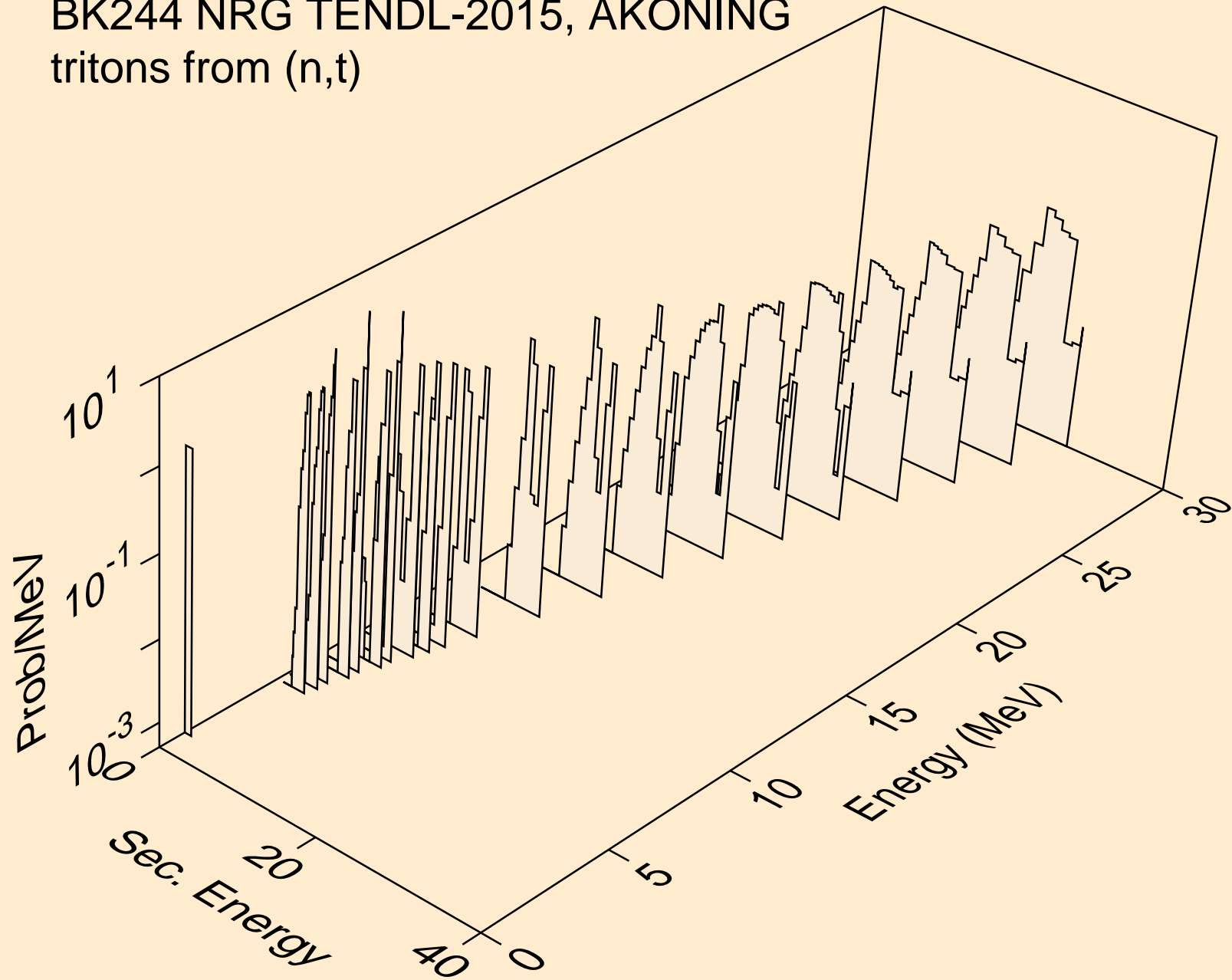
BK244 NRG TENDL-2015, AKONING  
tritons from (n,x)



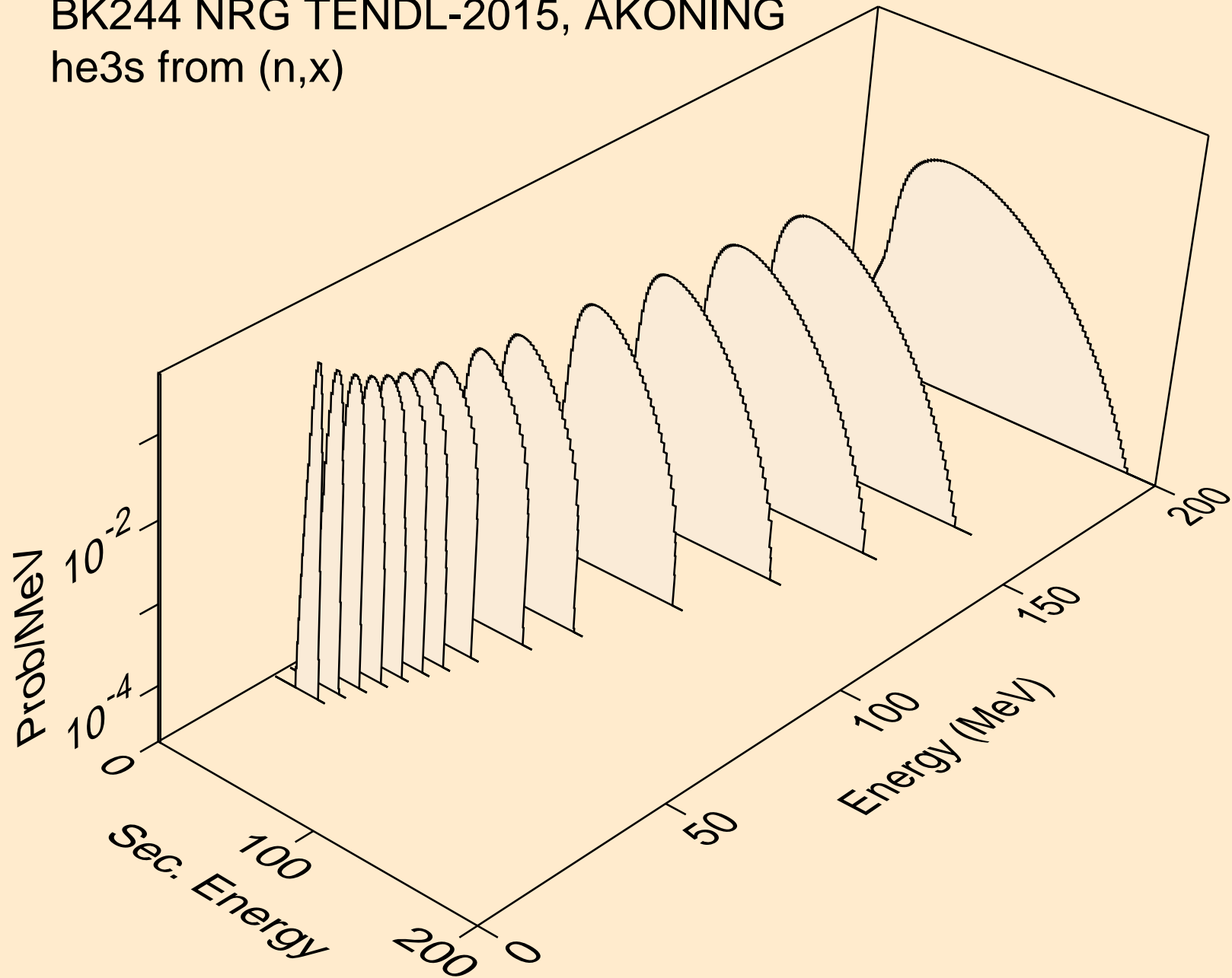
BK244 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



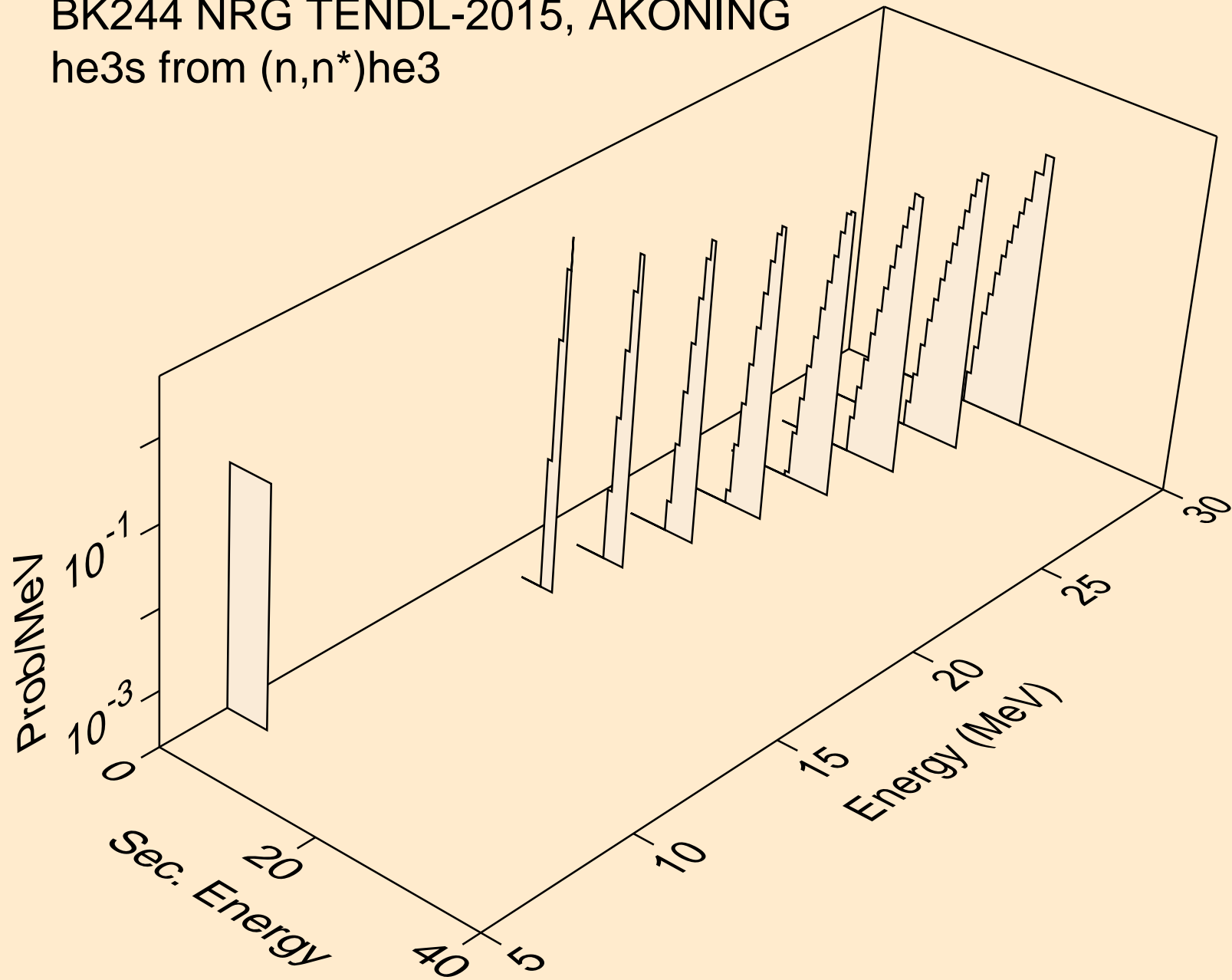
BK244 NRG TENDL-2015, AKONING  
tritons from (n,t)



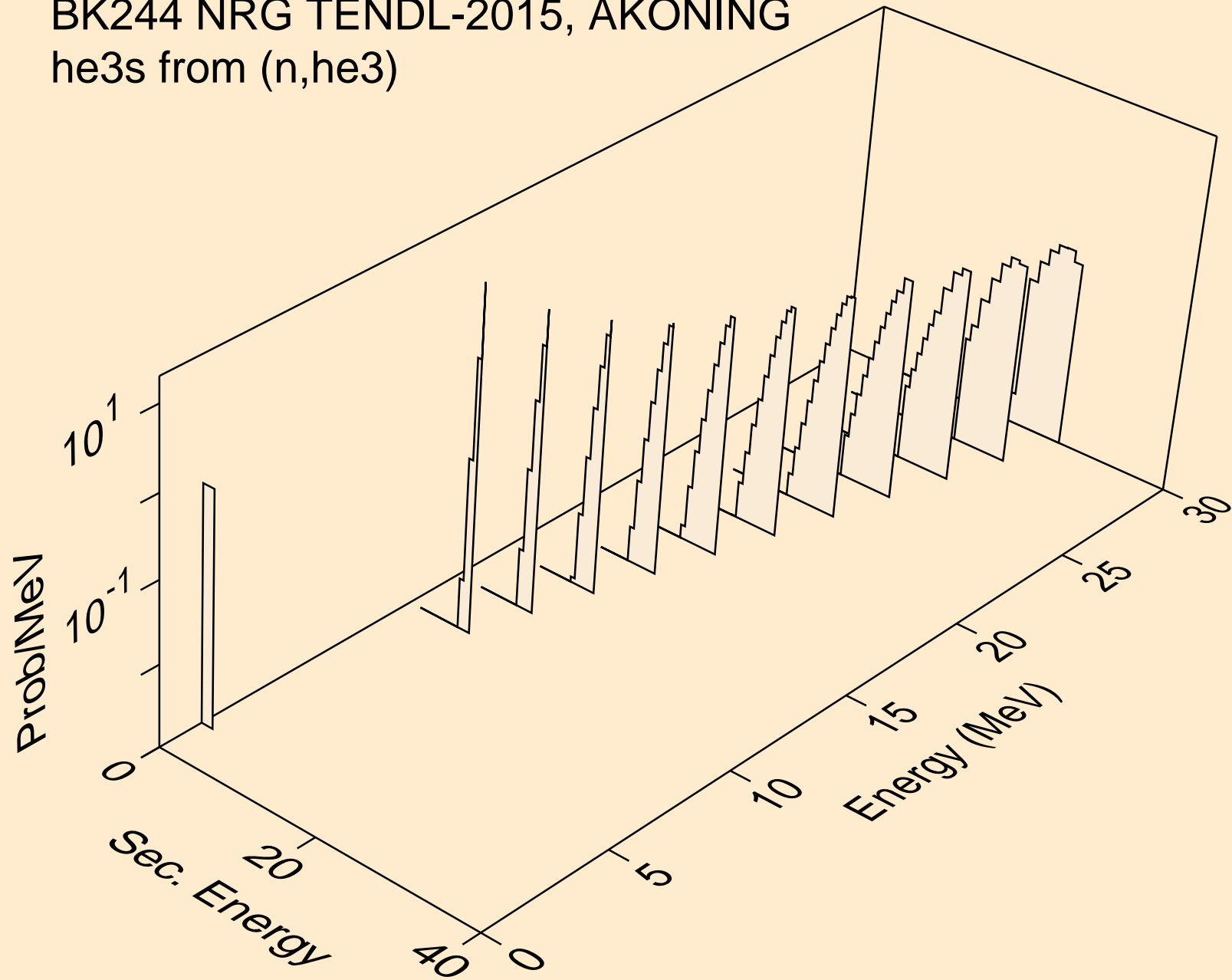
BK244 NRG TENDL-2015, AKONING  
he3s from (n,x)



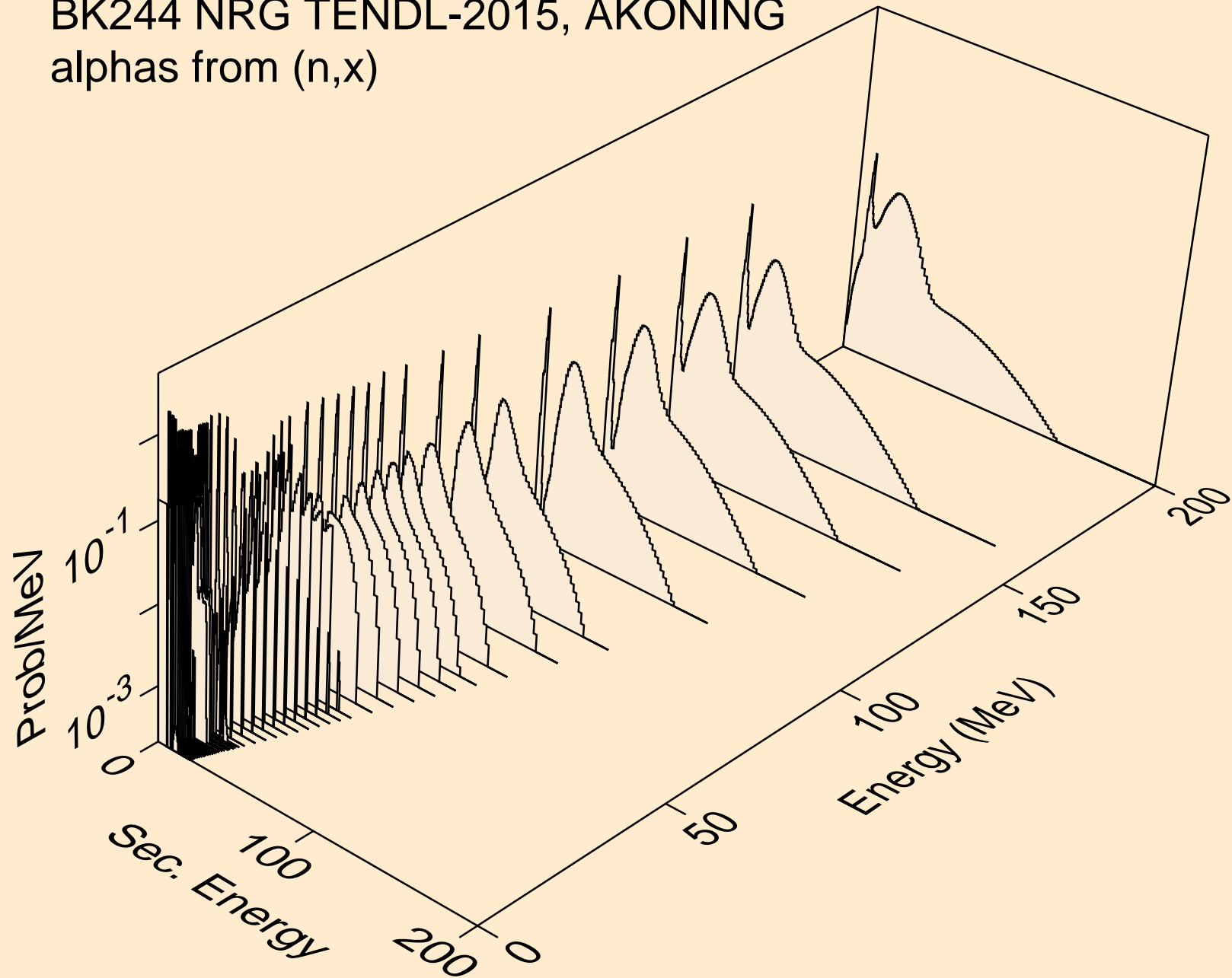
BK244 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



BK244 NRG TENDL-2015, AKONING  
he3s from (n,he3)

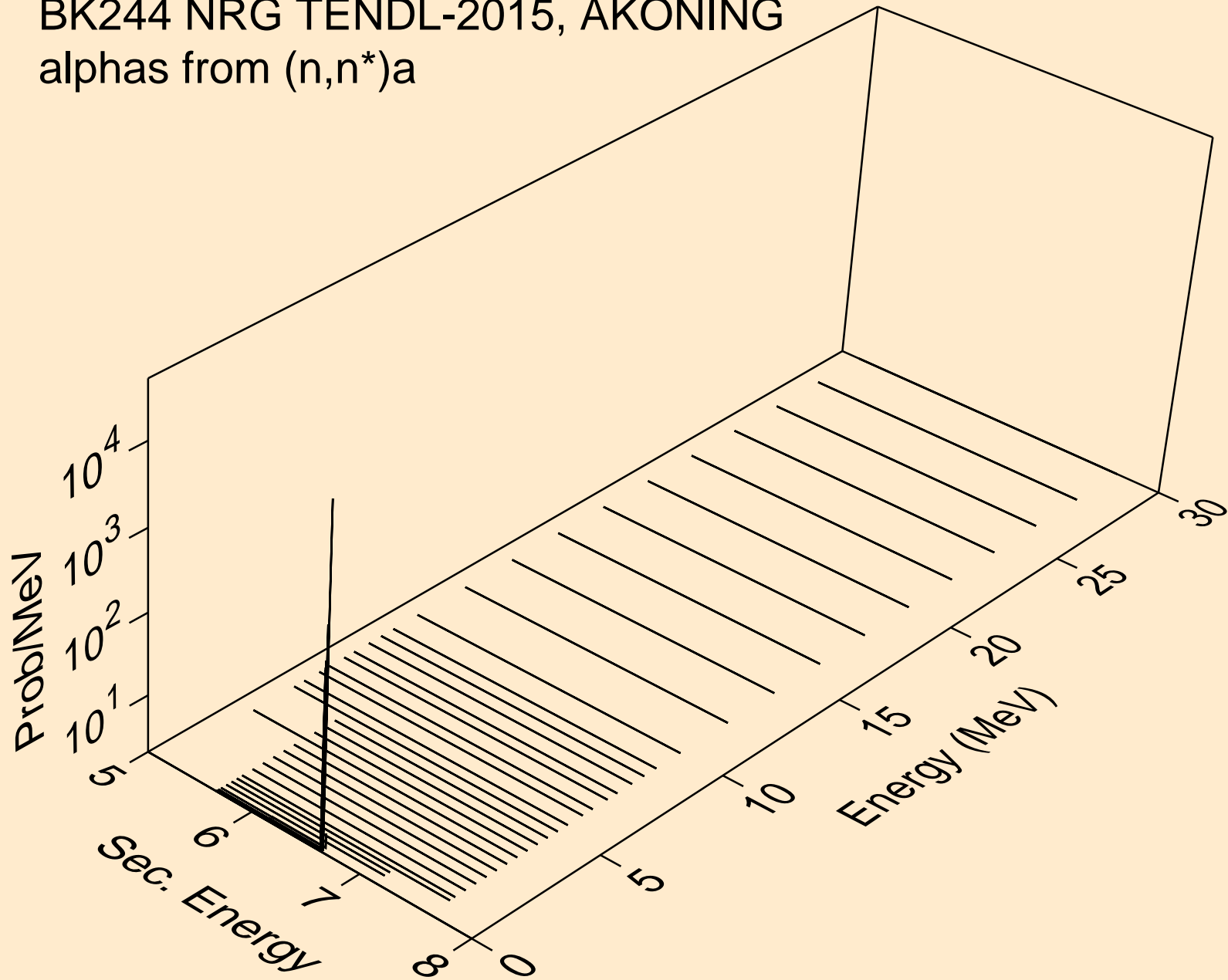


BK244 NRG TENDL-2015, AKONING  
alphas from (n,x)

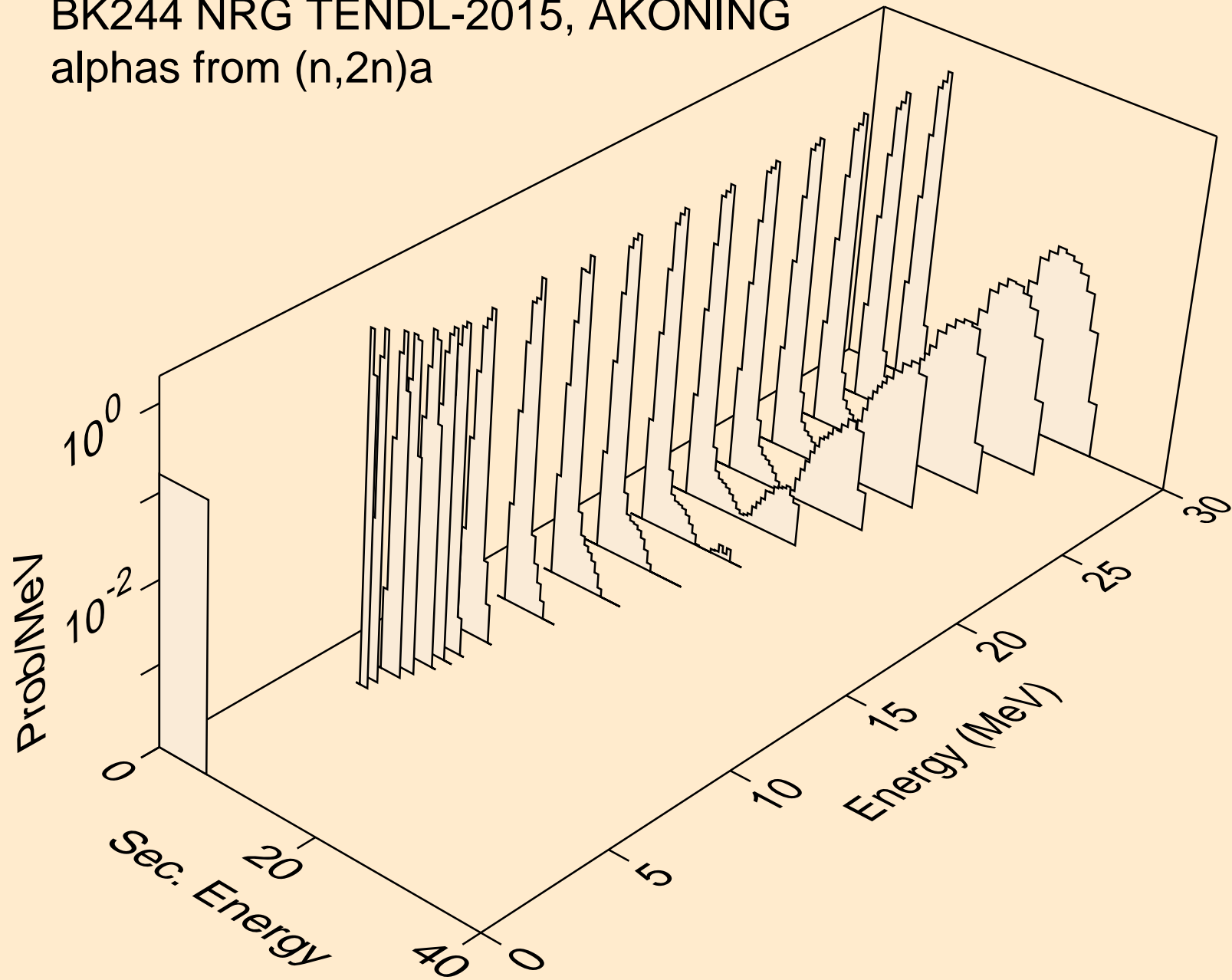




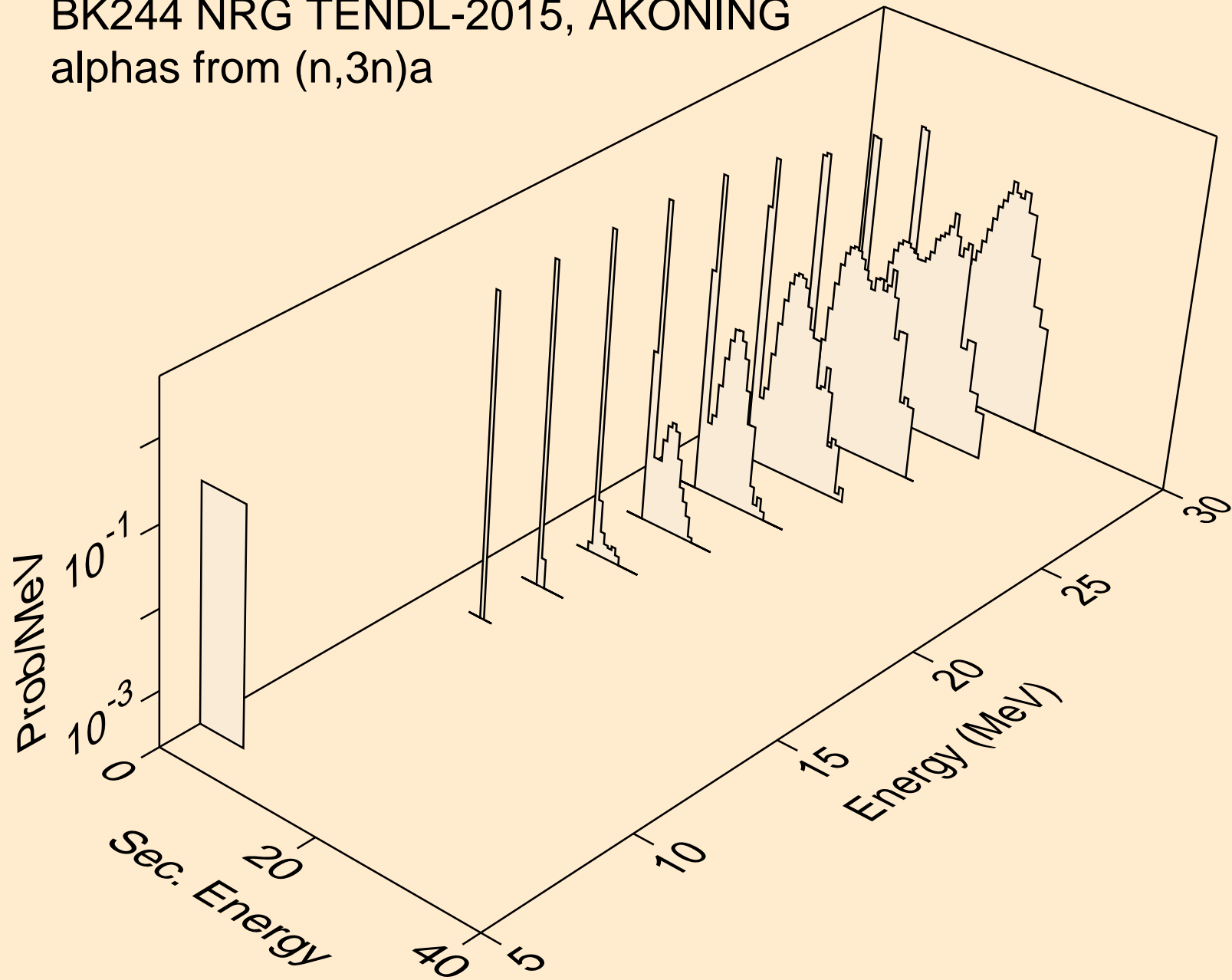
BK244 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



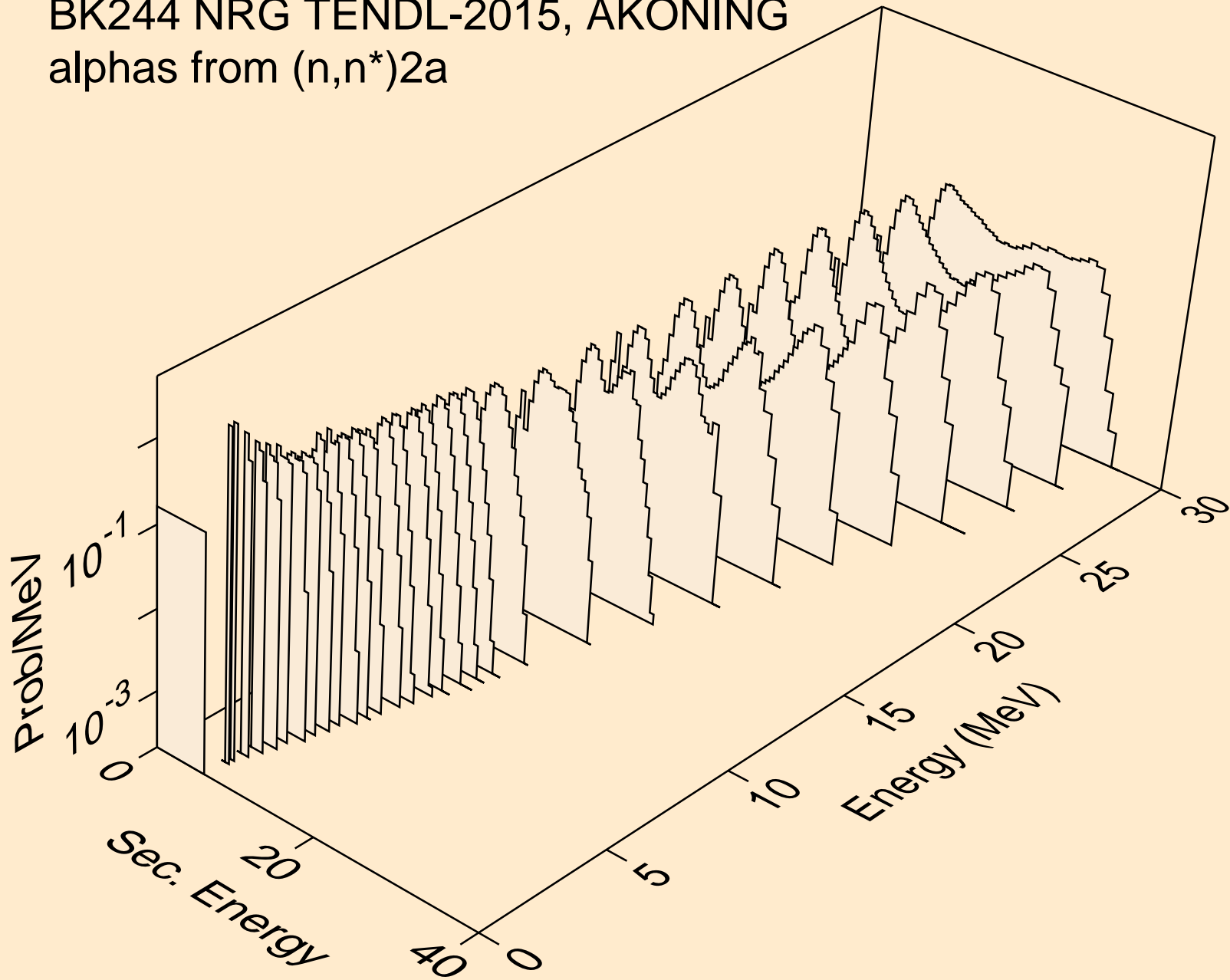
BK244 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



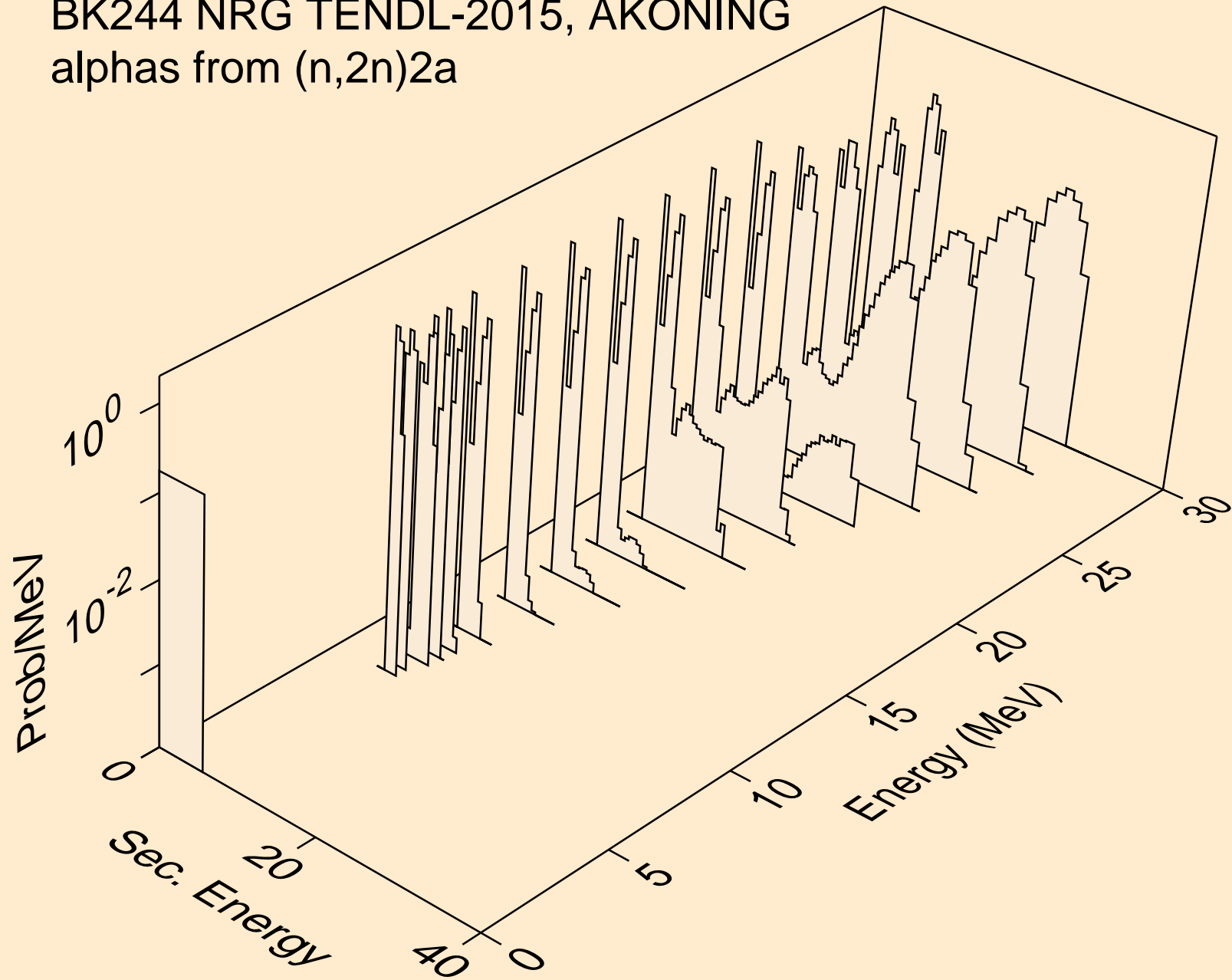
BK244 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



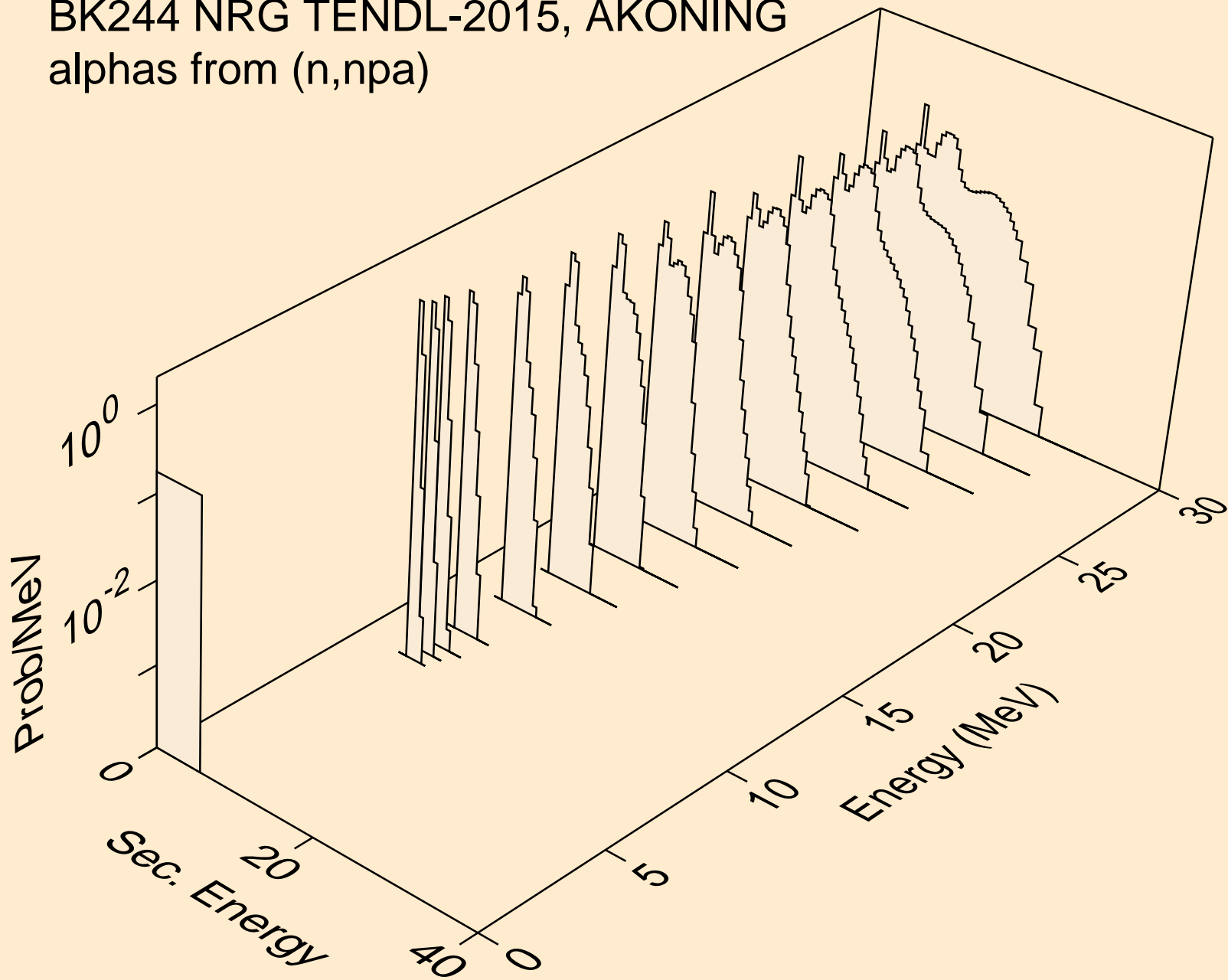
BK244 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



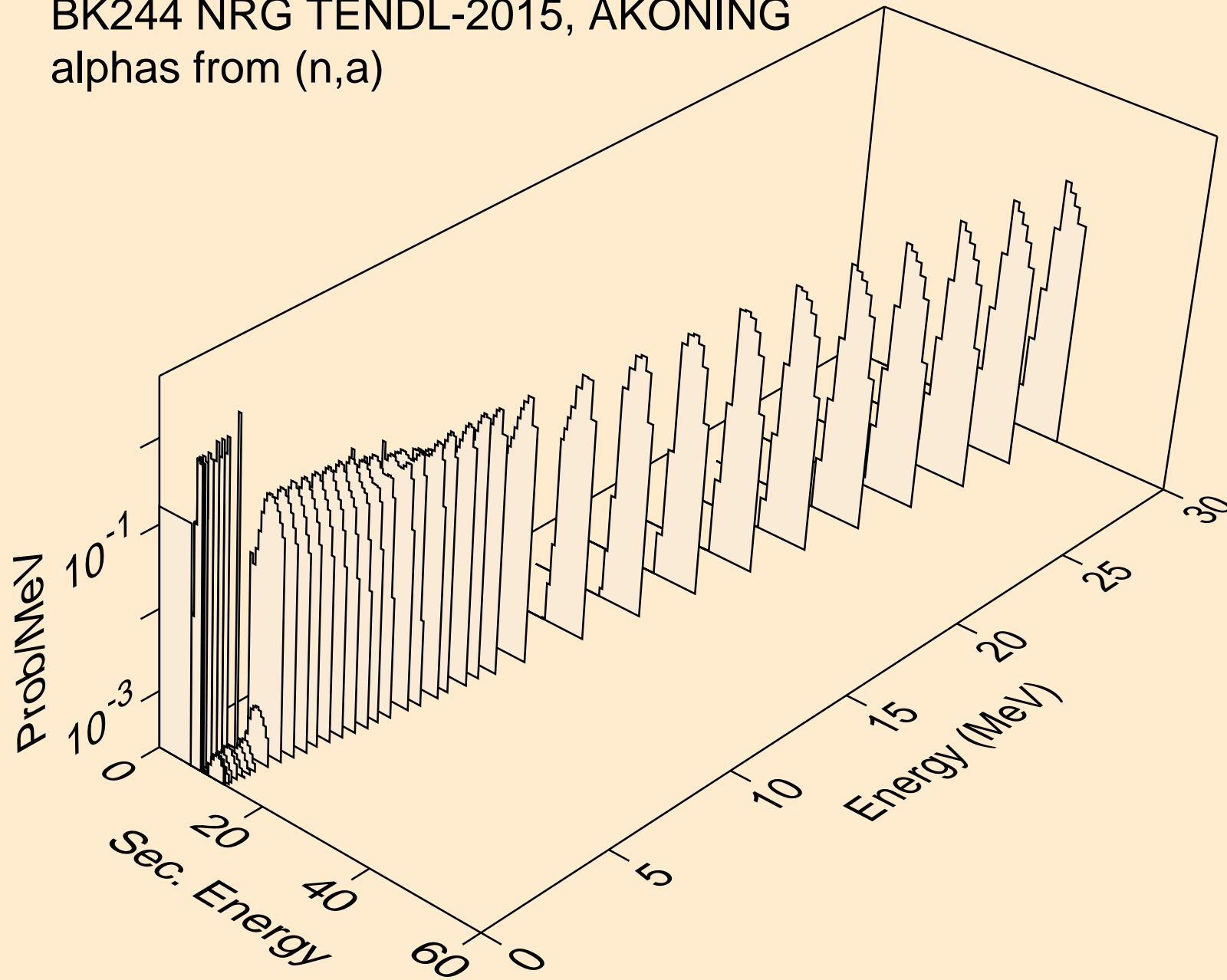
BK244 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



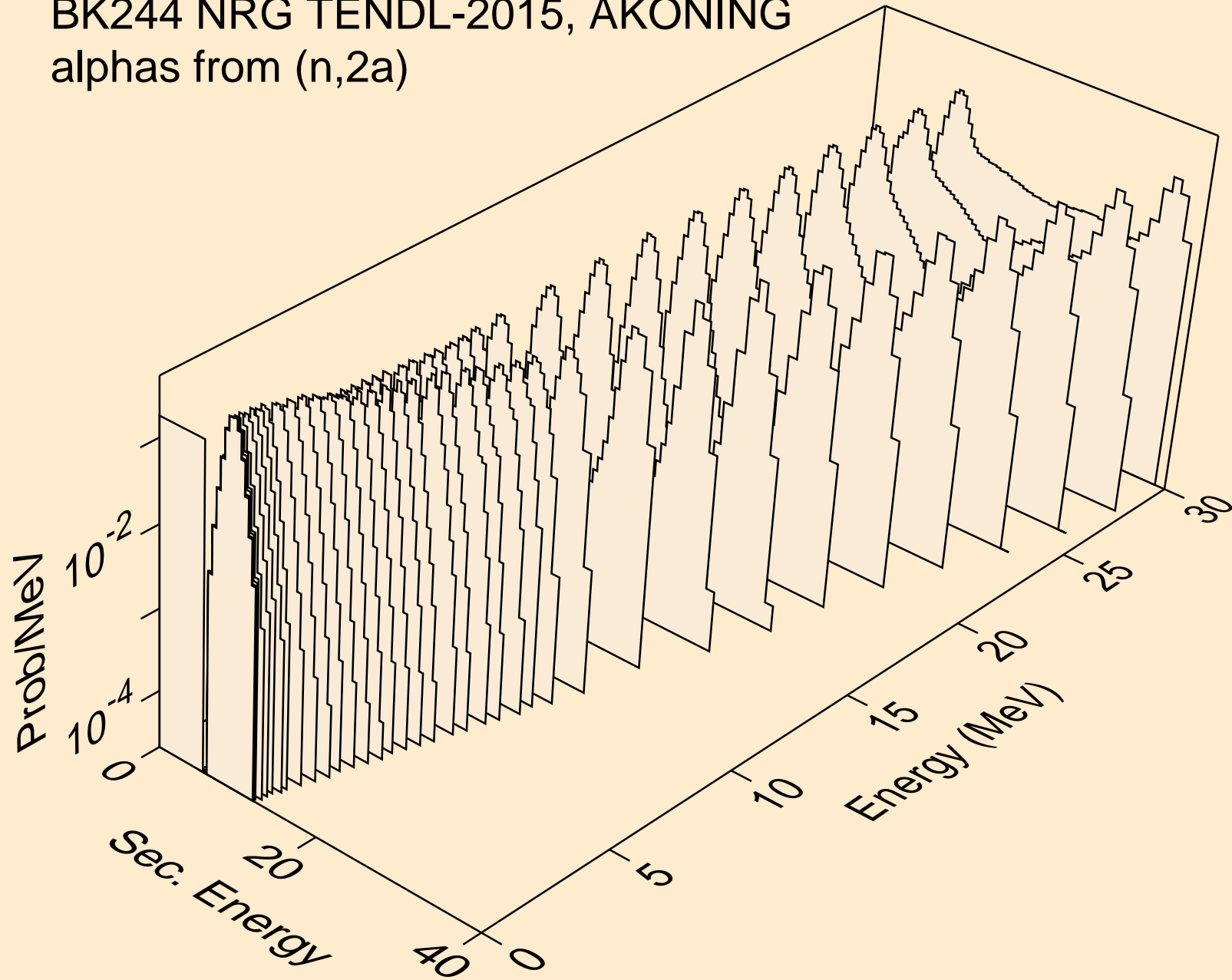
BK244 NRG TENDL-2015, AKONING  
alphas from (n,npa)



BK244 NRG TENDL-2015, AKONING  
alphas from (n,a)

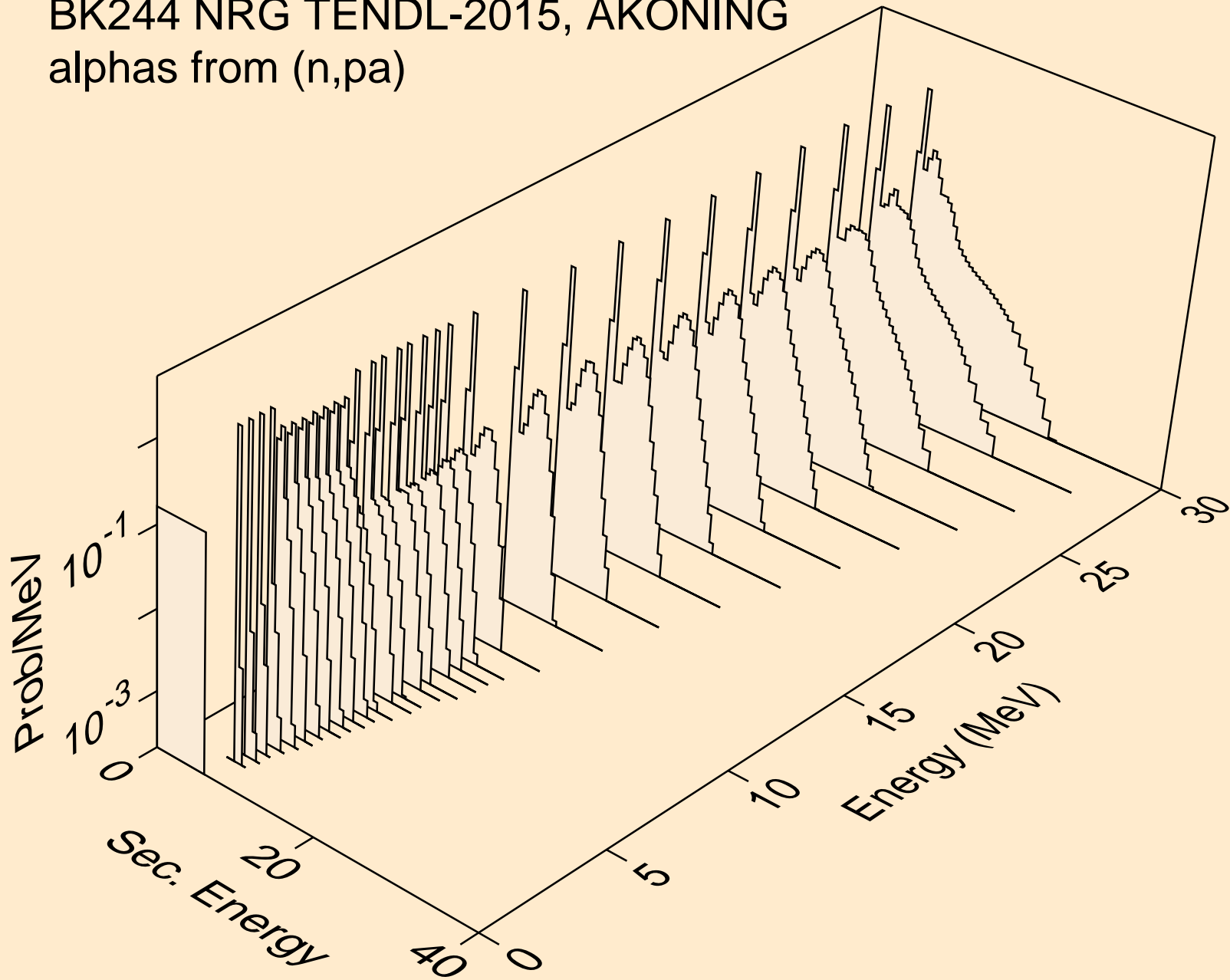


BK244 NRG TENDL-2015, AKONING  
alphas from (n,2a)





BK244 NRG TENDL-2015, AKONING  
alphas from (n,pa)



BK244 NRG TENDL-2015, AKONING  
alphas from (n,da)

