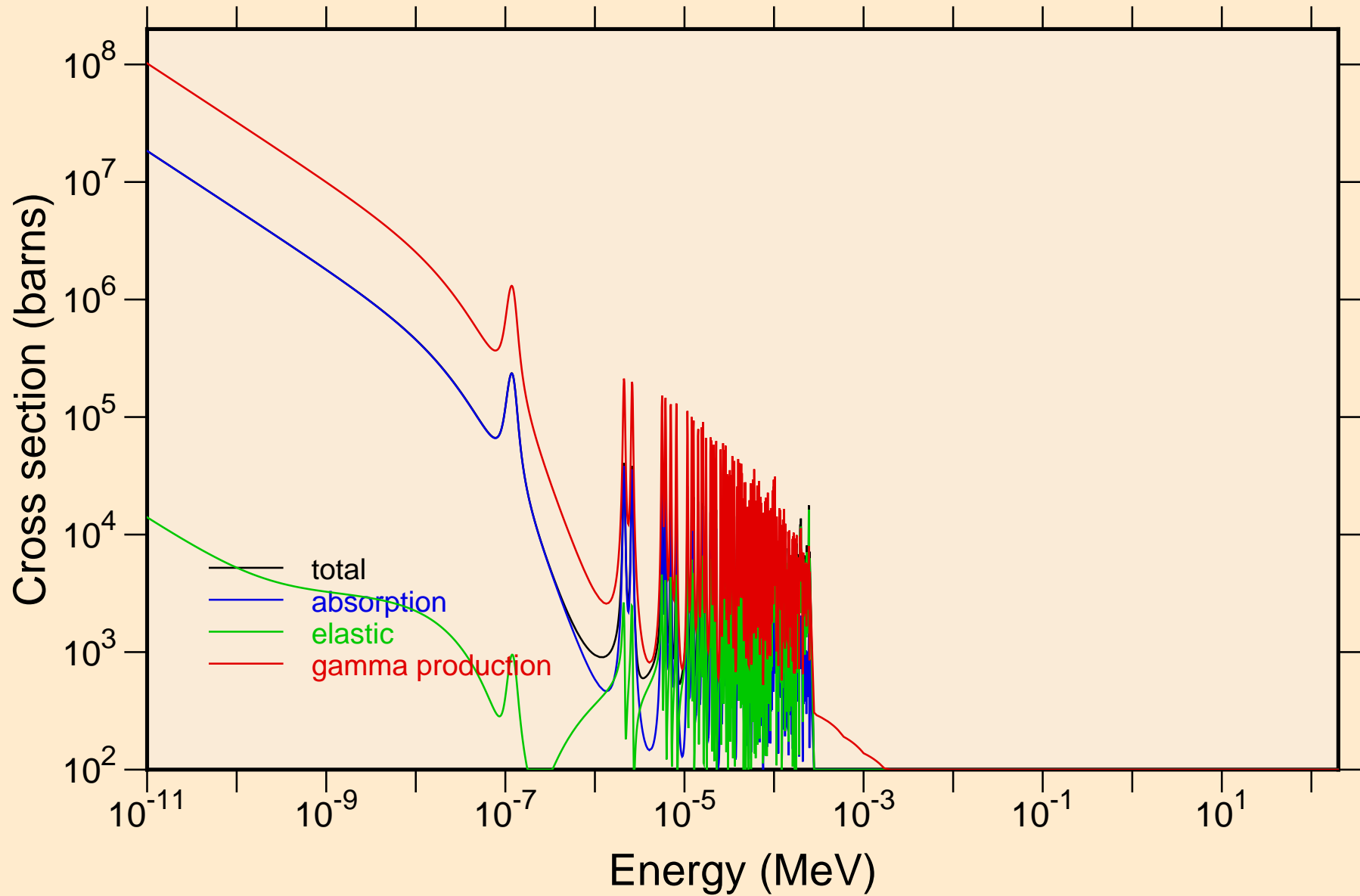
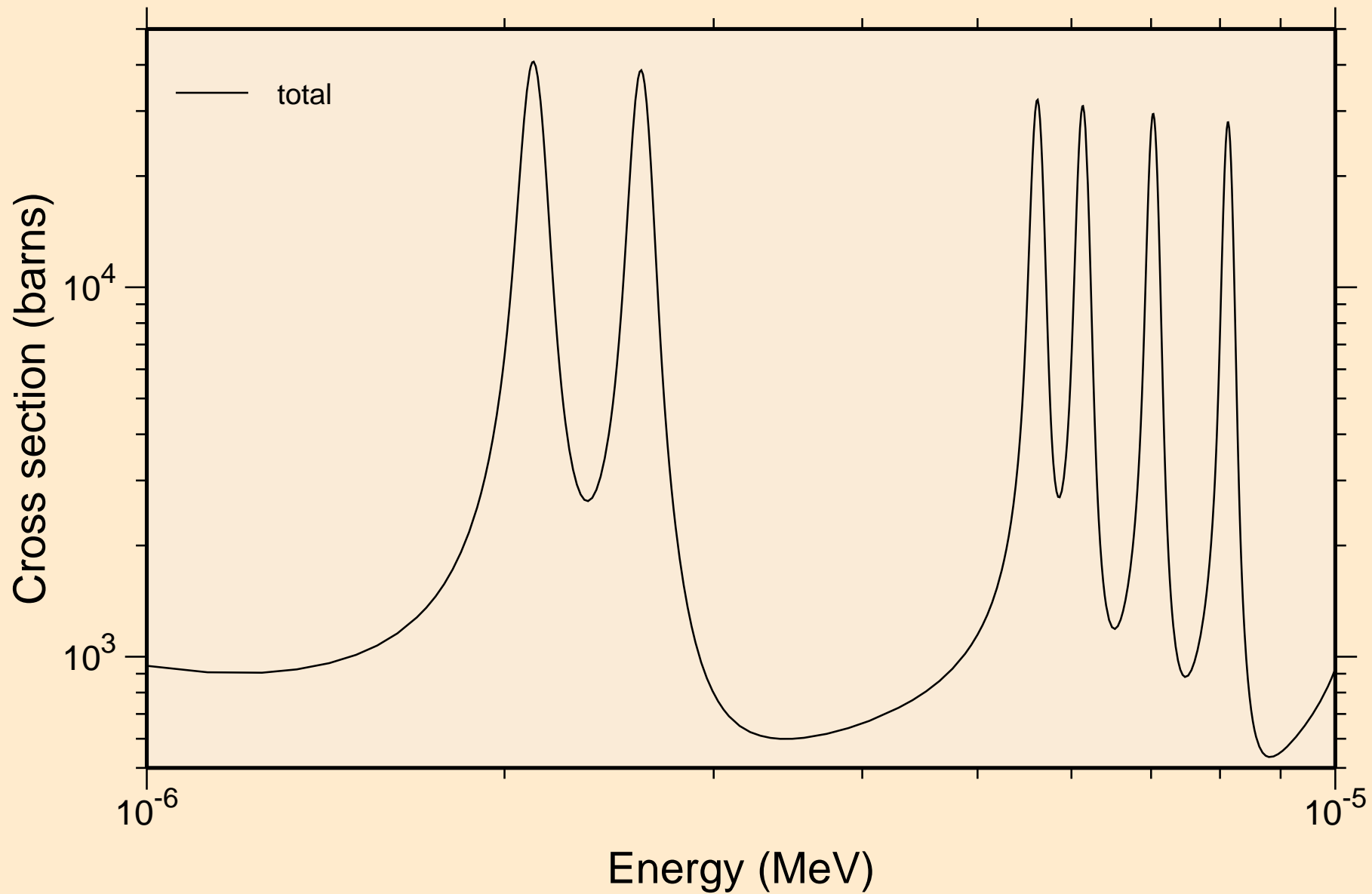


# OS176 NRG TENDL-2015, AKONING

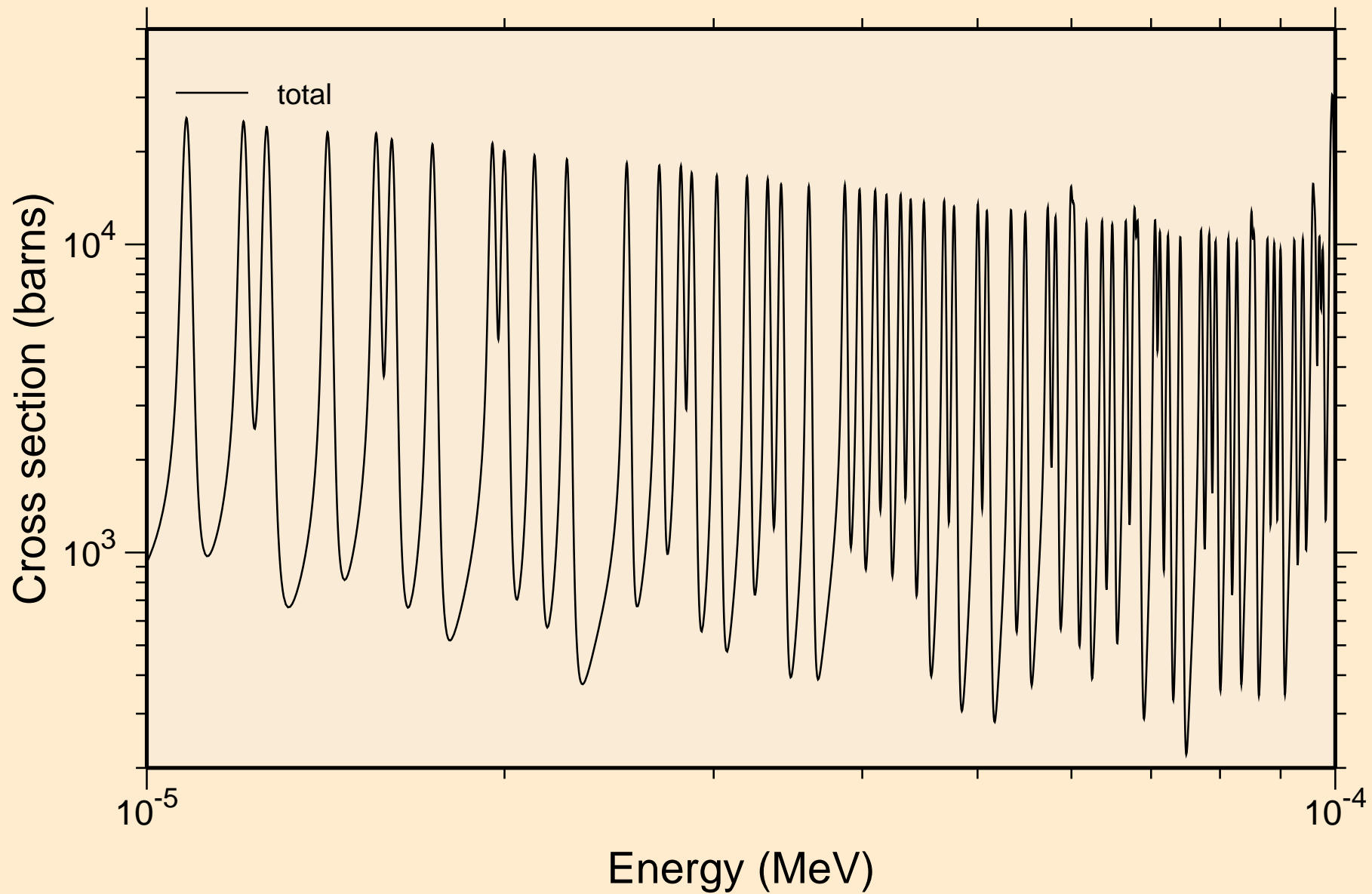
## Principal cross sections



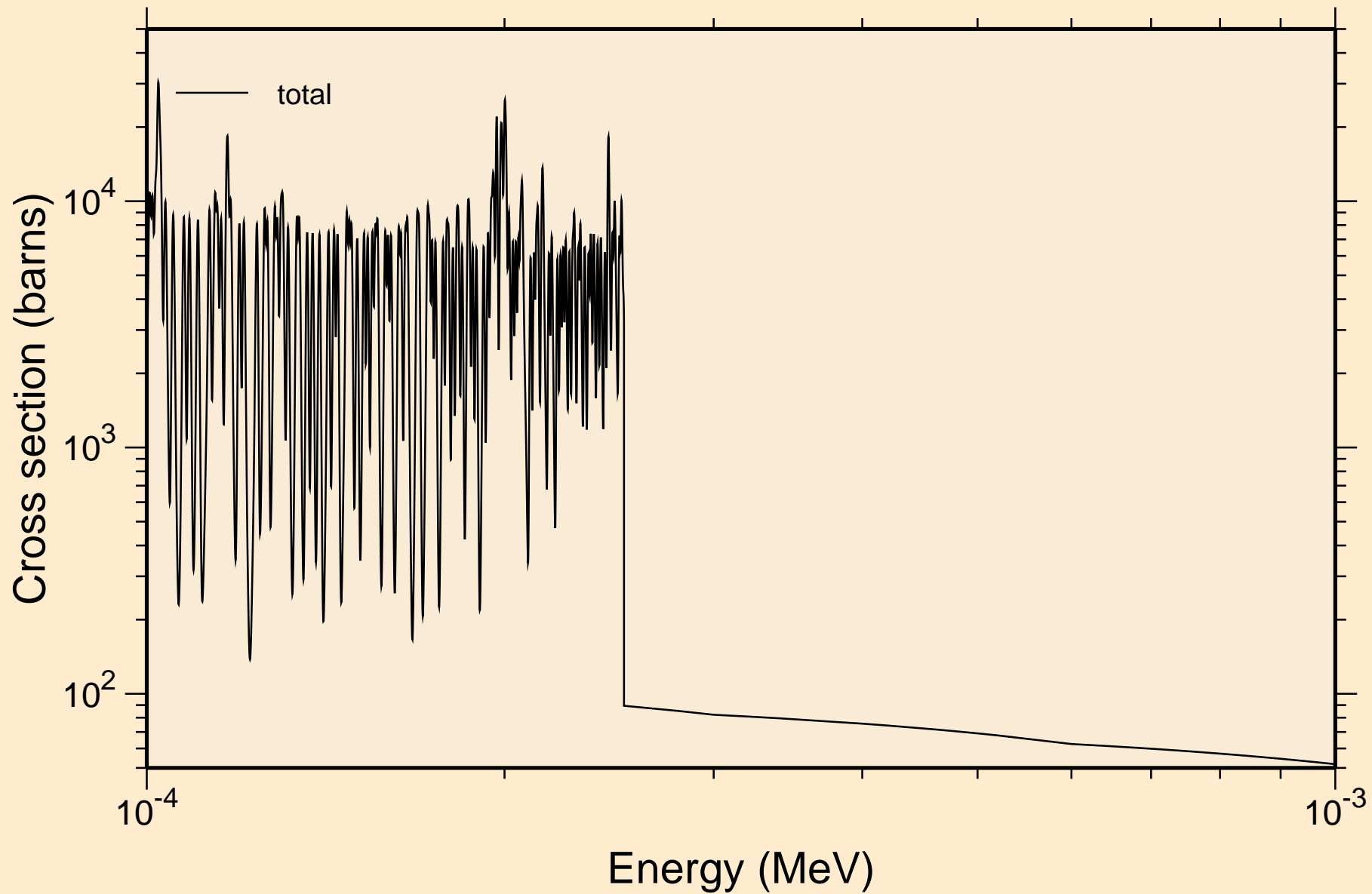
OS176 NRG TENDL-2015, AKONING  
resonance total cross section



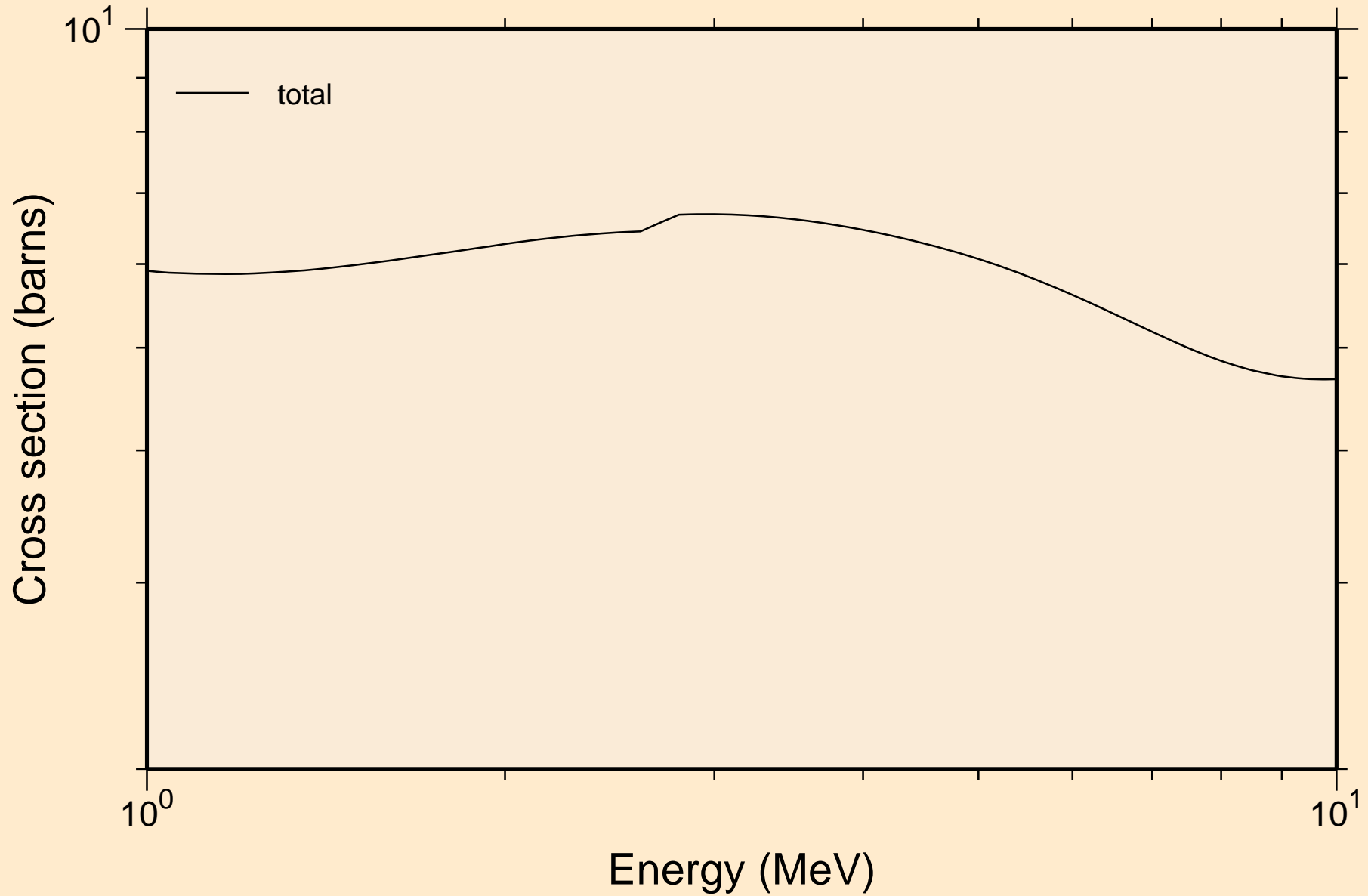
OS176 NRG TENDL-2015, AKONING  
resonance total cross section



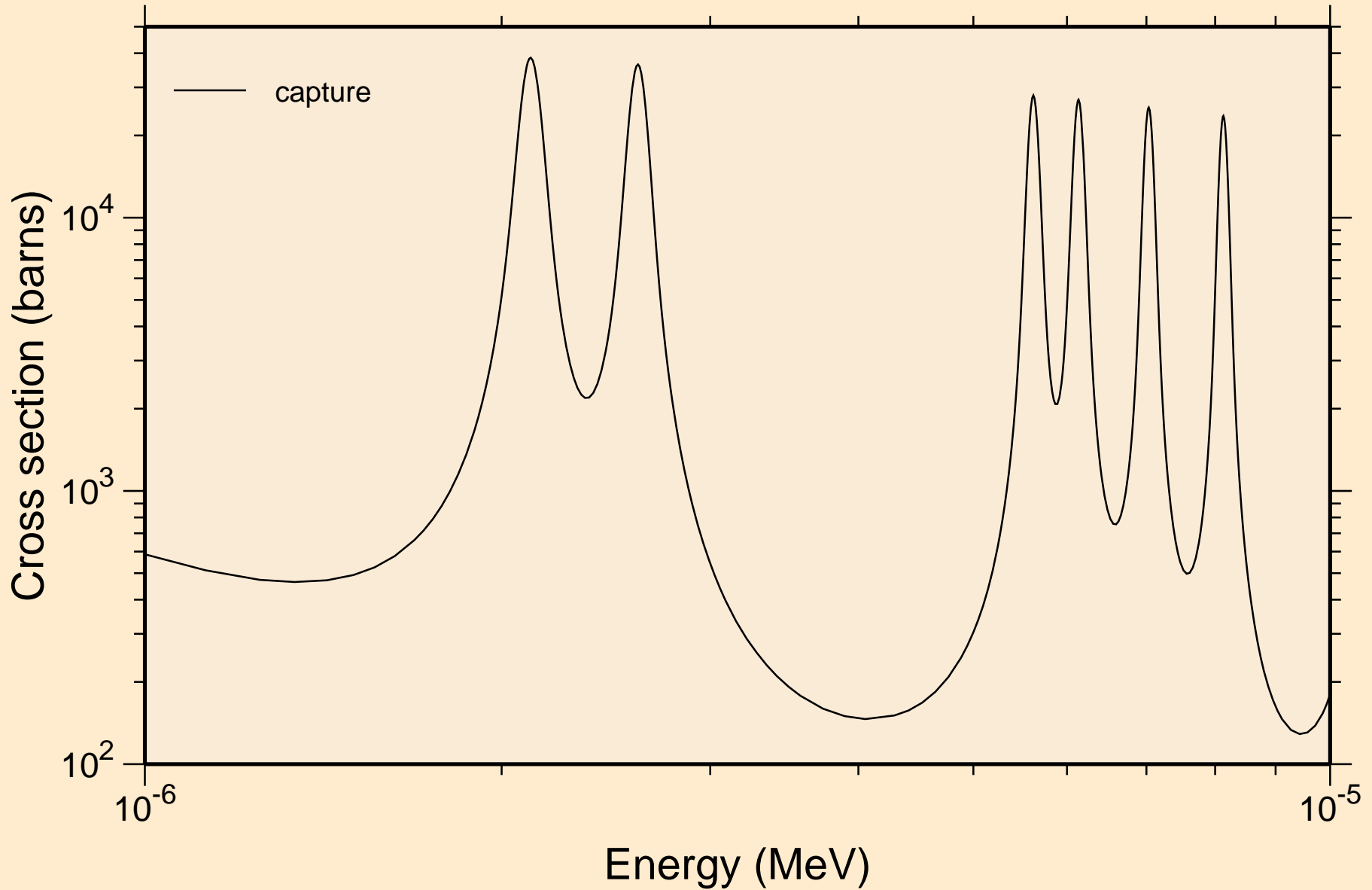
OS176 NRG TENDL-2015, AKONING  
resonance total cross section



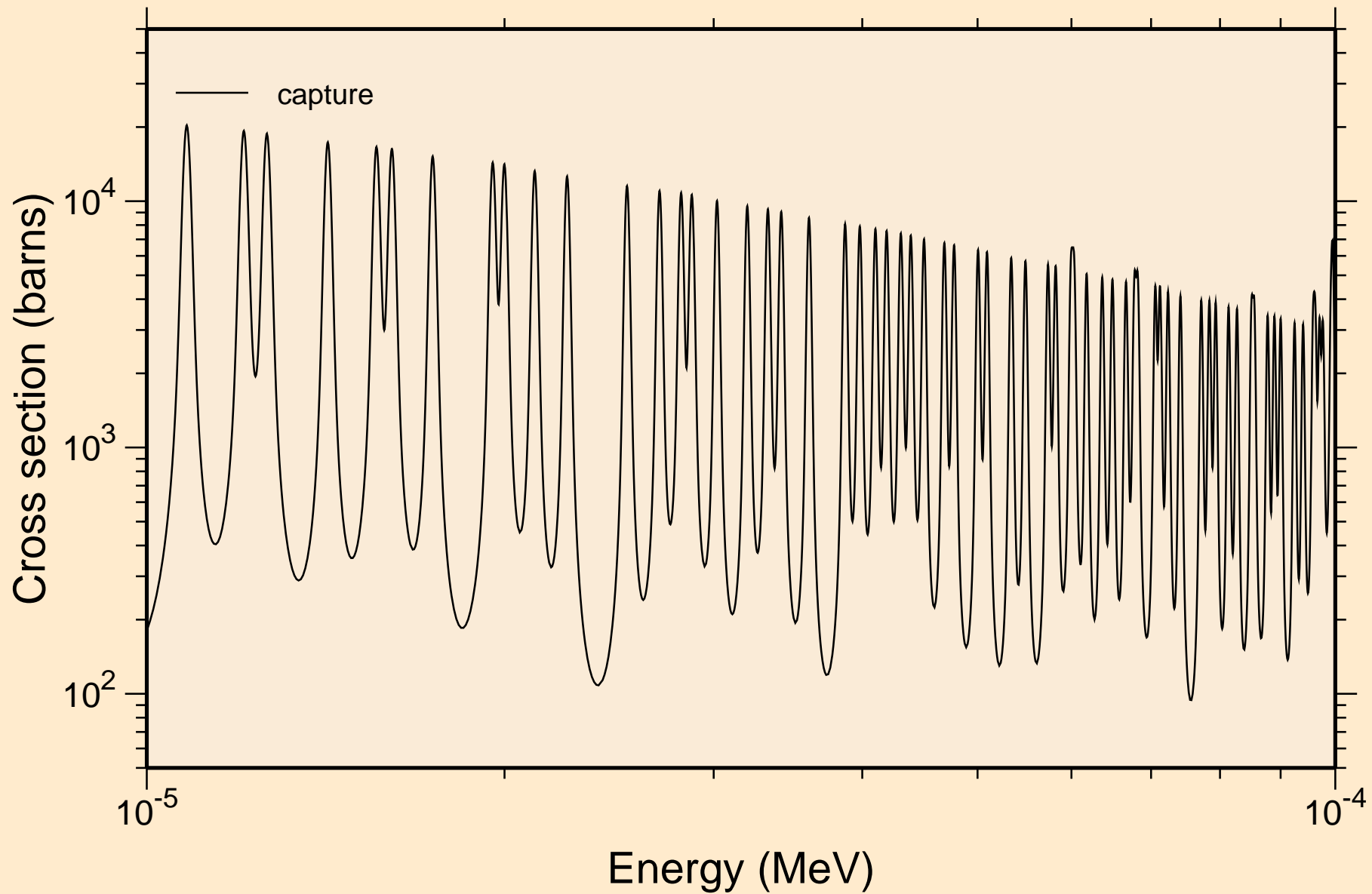
OS176 NRG TENDL-2015, AKONING  
resonance total cross section



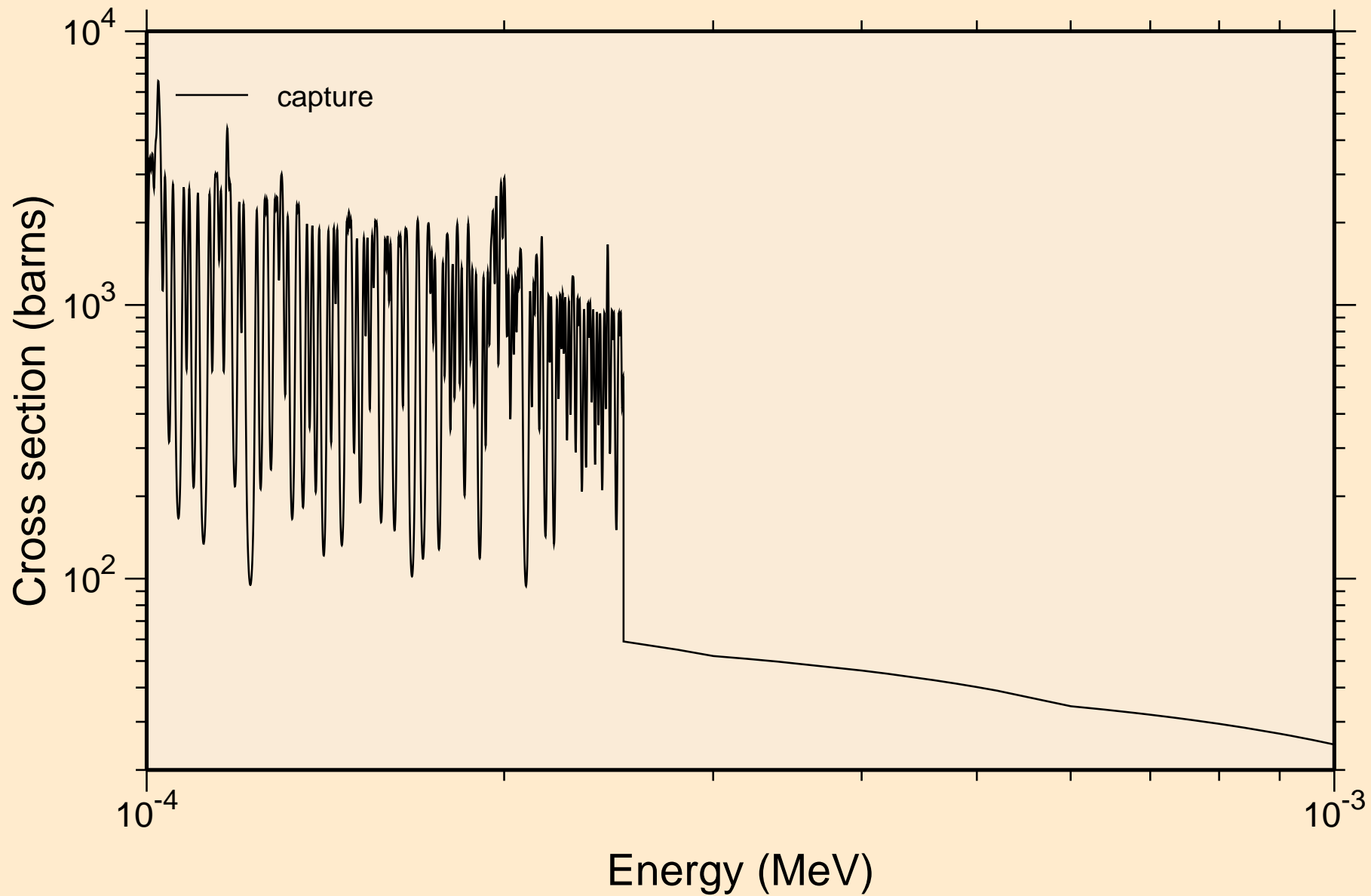
OS176 NRG TENDL-2015, AKONING  
resonance absorption cross sections



OS176 NRG TENDL-2015, AKONING  
resonance absorption cross sections

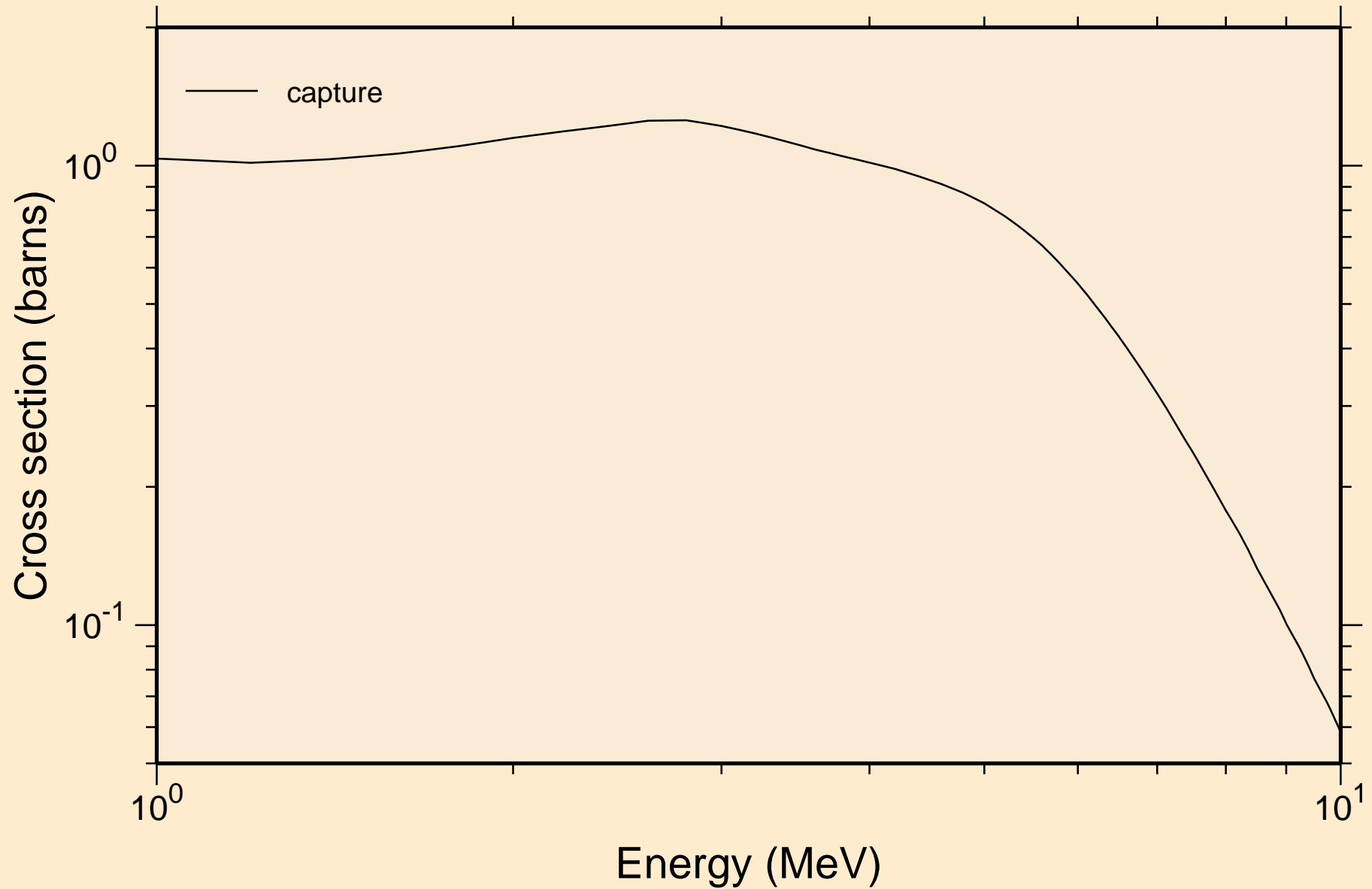


# OS176 NRG TENDL-2015, AKONING resonance absorption cross sections





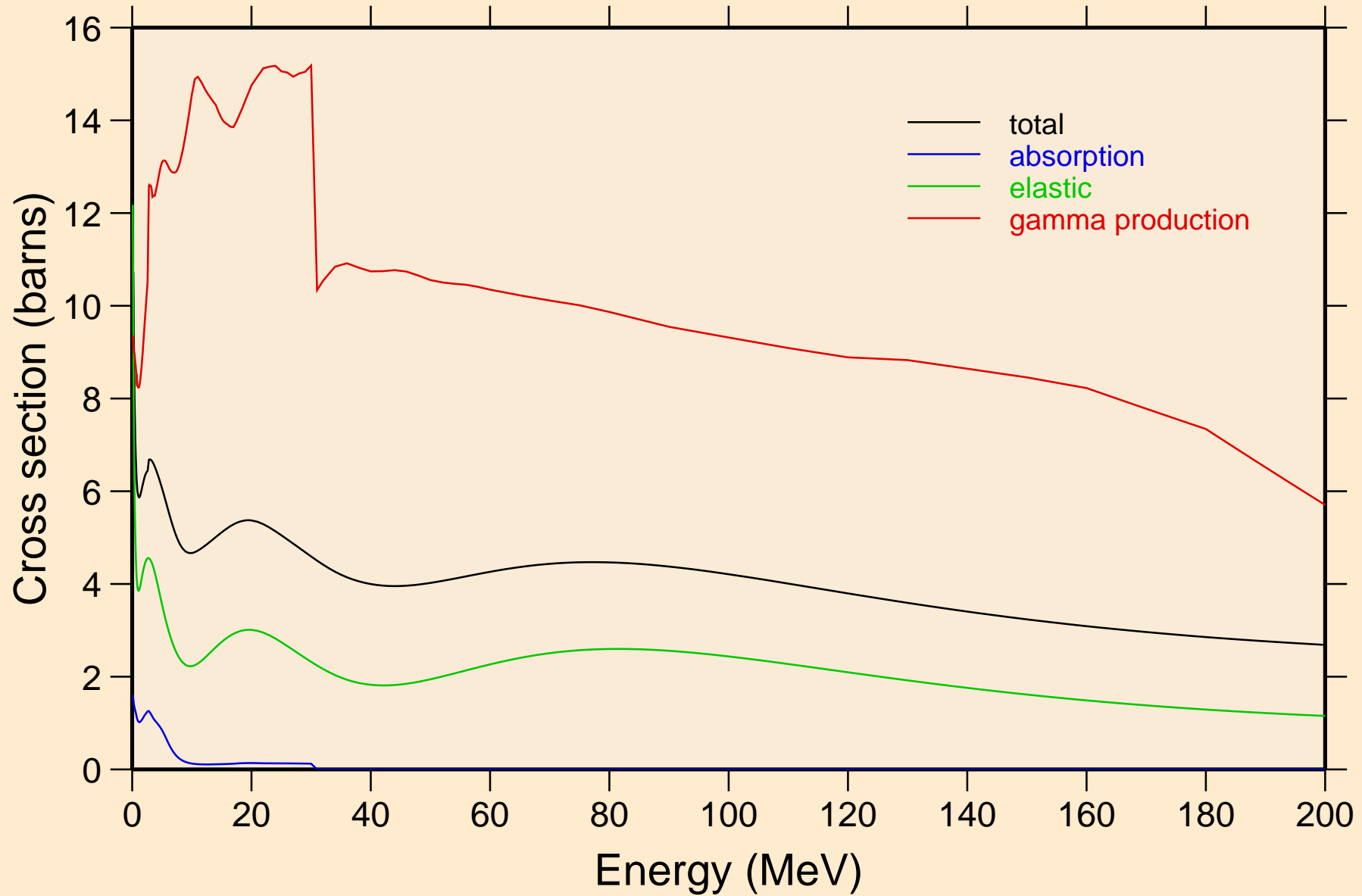
OS176 NRG TENDL-2015, AKONING  
resonance absorption cross sections





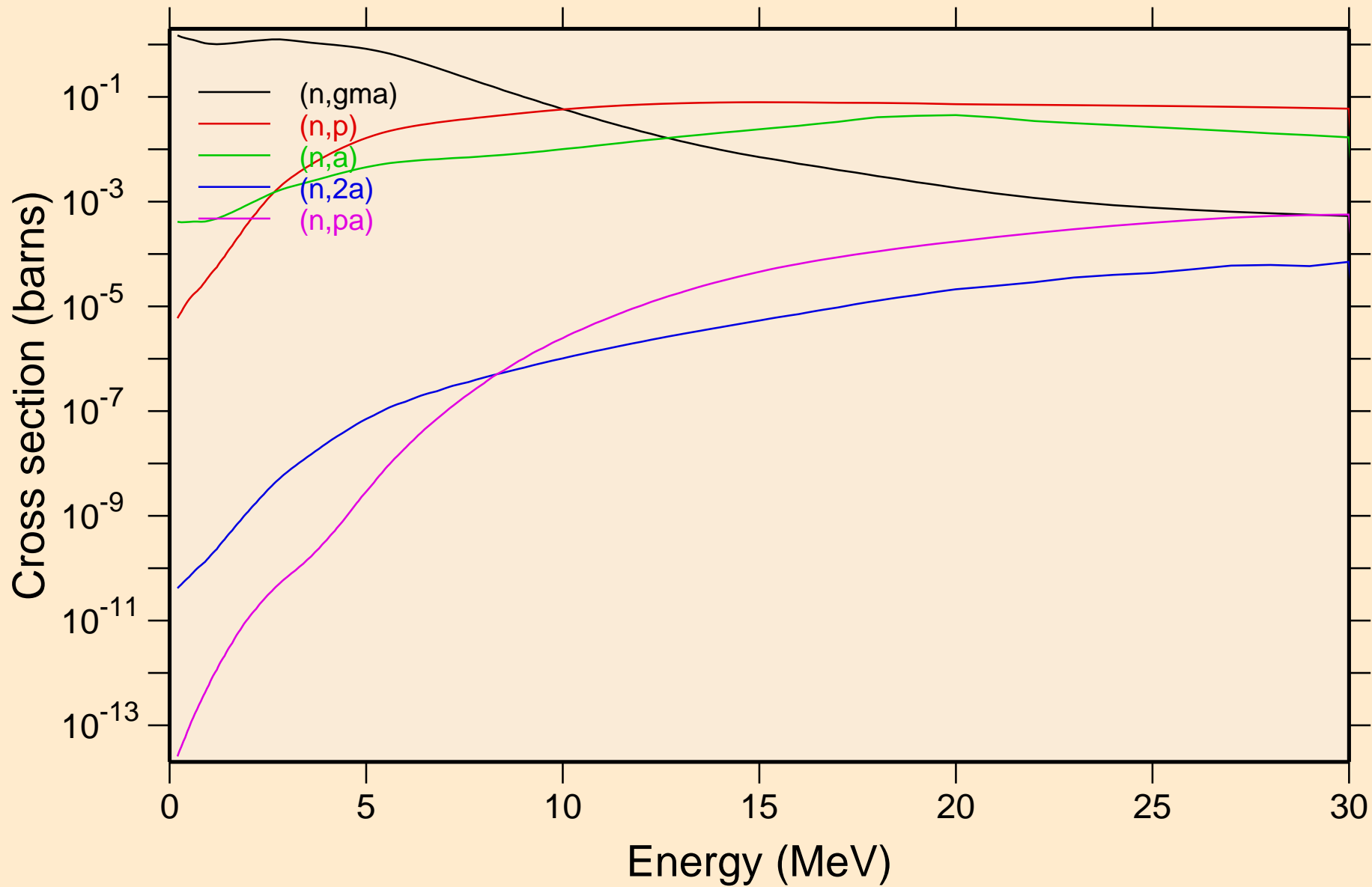
# OS176 NRG TENDL-2015, AKONING

## Principal cross sections



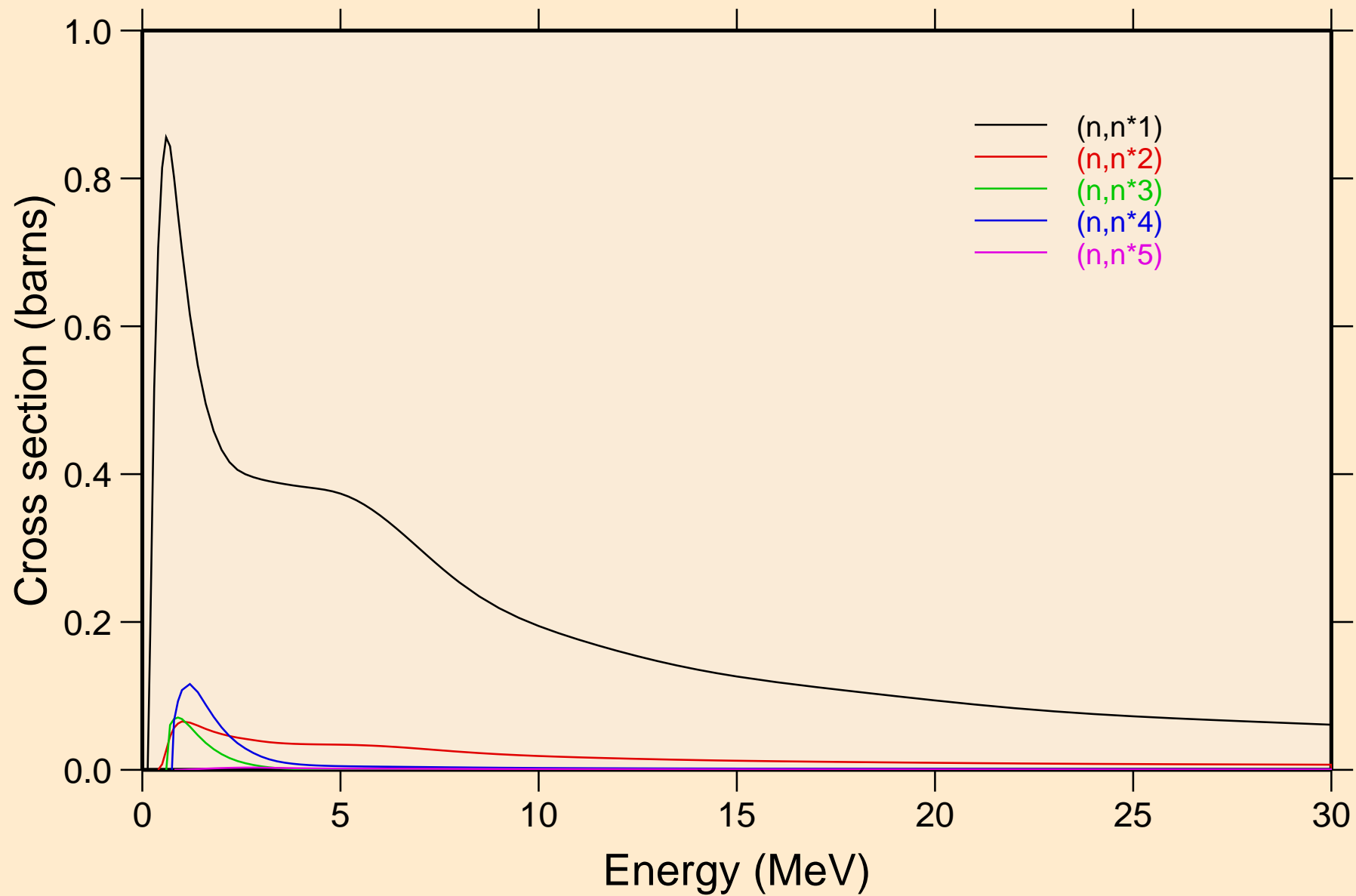
# OS176 NRG TENDL-2015, AKONING

## Non-threshold reactions



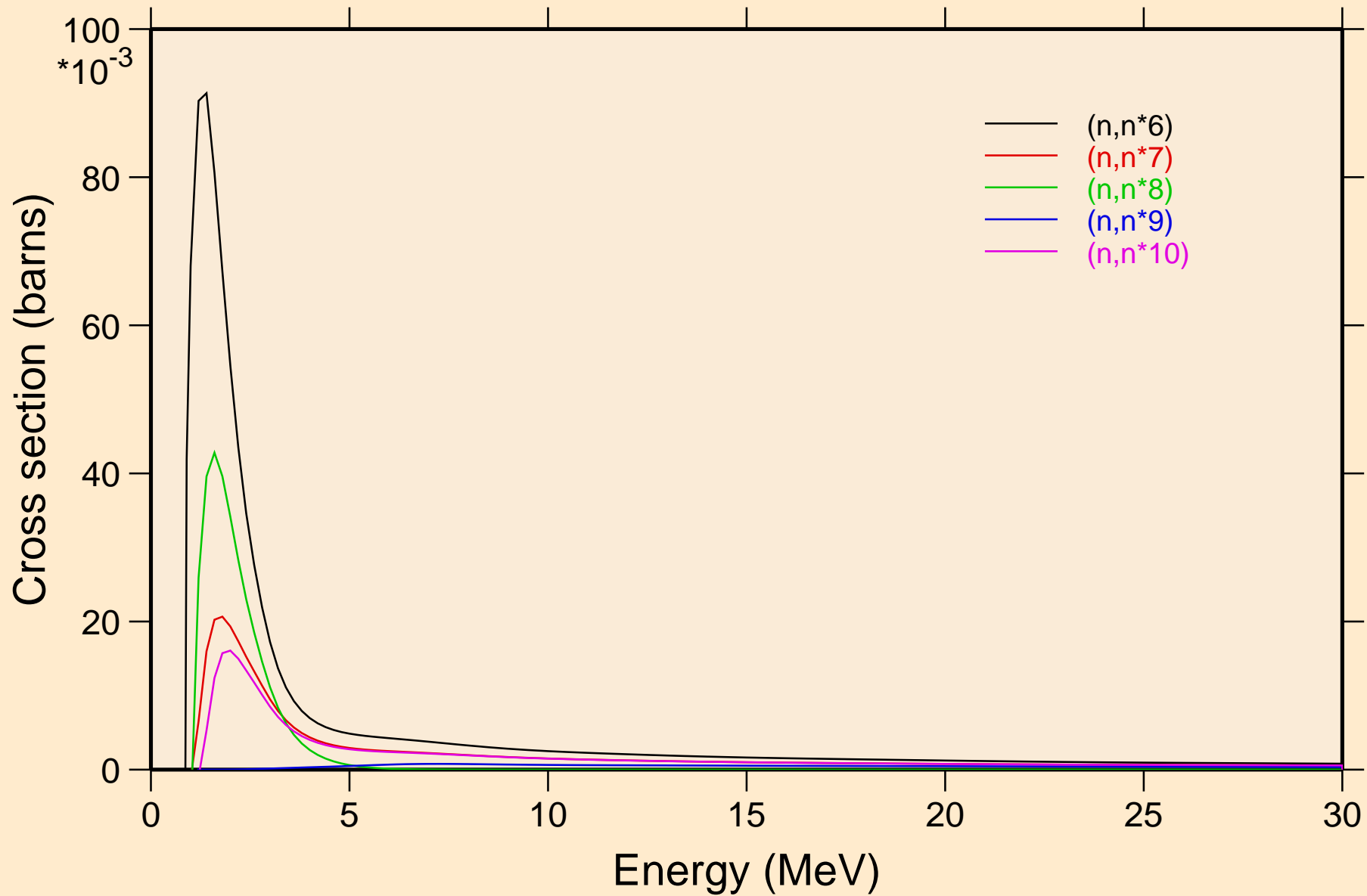
# OS176 NRG TENDL-2015, AKONING

## Inelastic levels



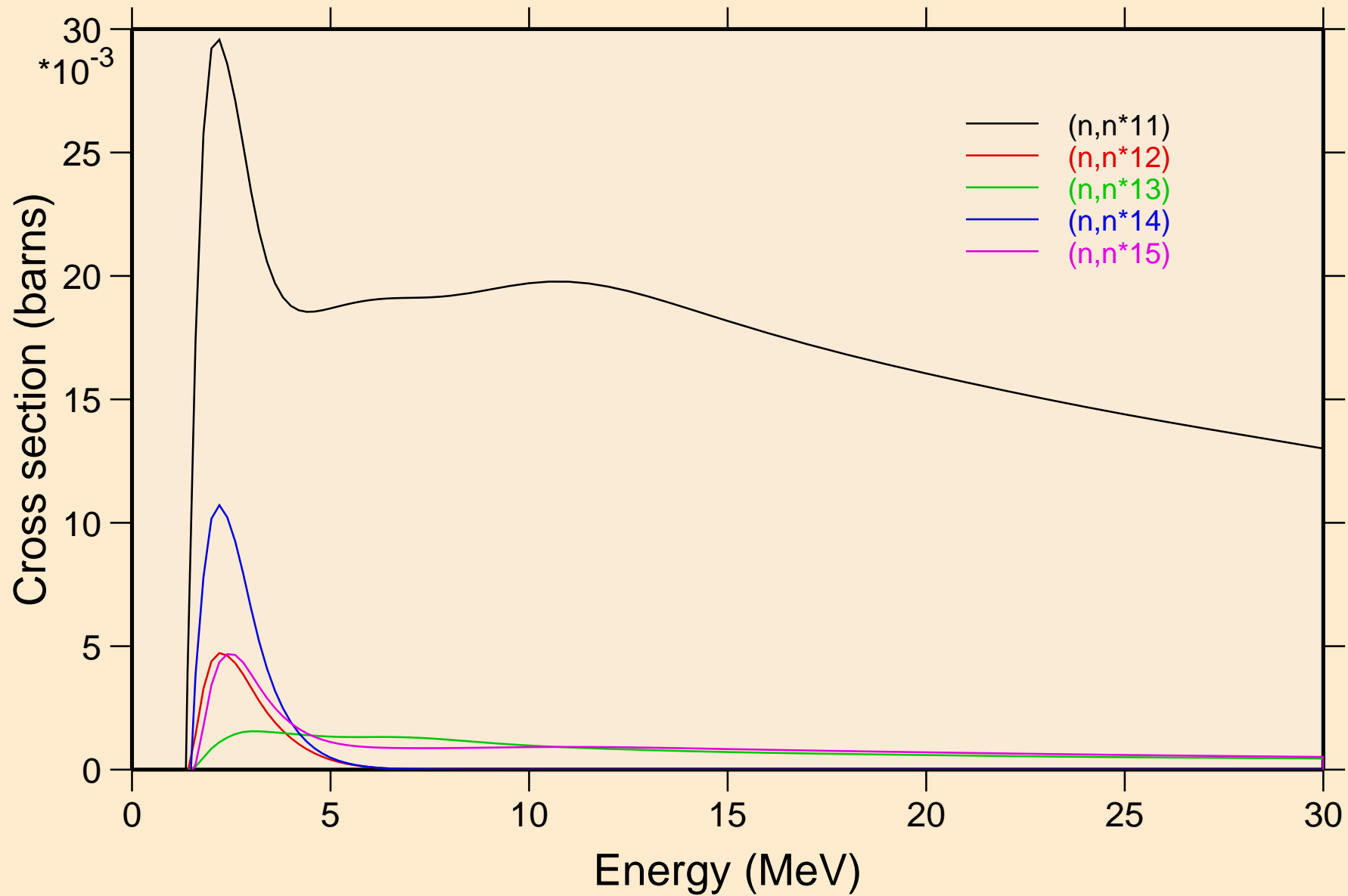
# OS176 NRG TENDL-2015, AKONING

## Inelastic levels



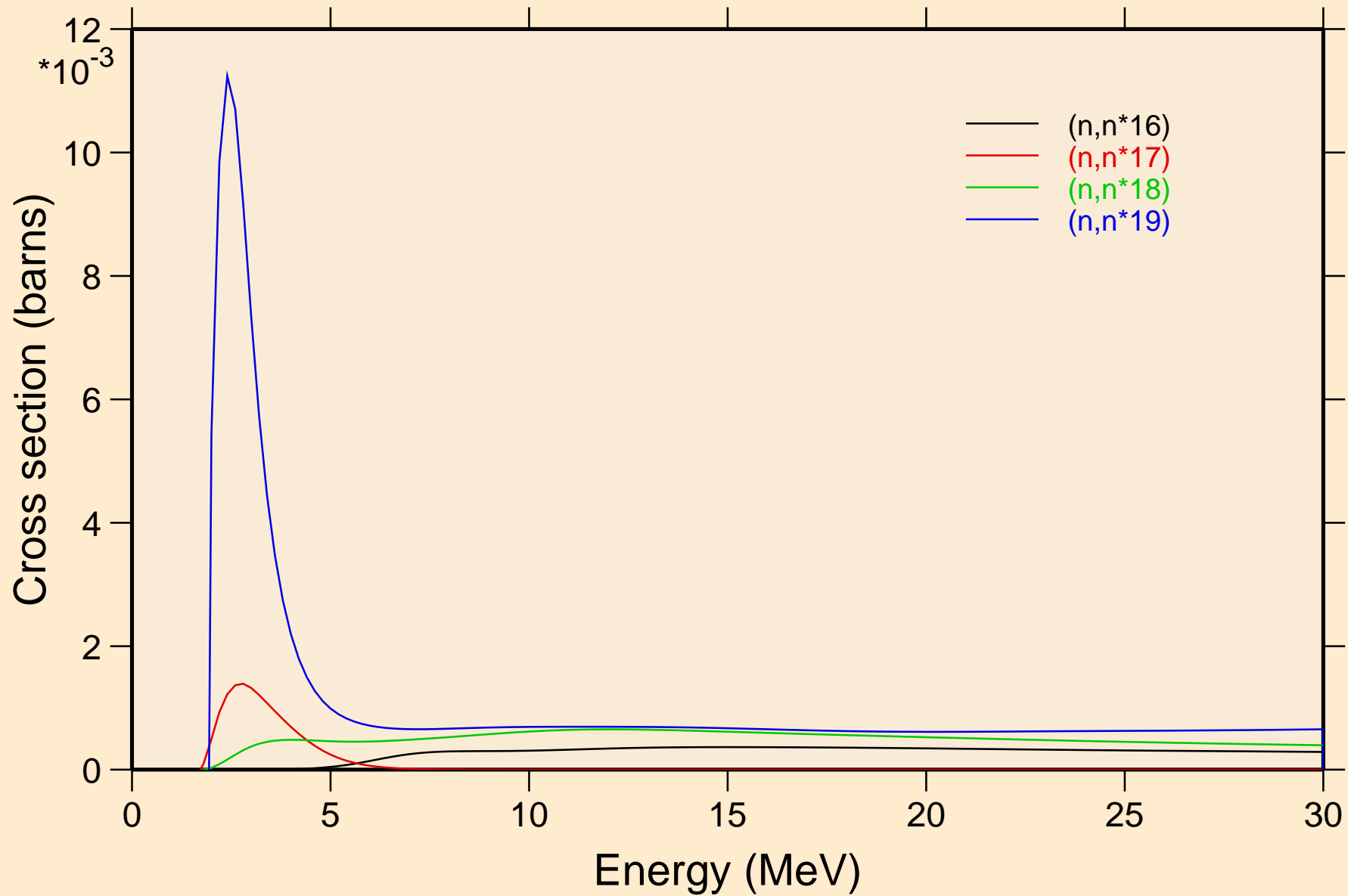
# OS176 NRG TENDL-2015, AKONING

## Inelastic levels



# OS176 NRG TENDL-2015, AKONING

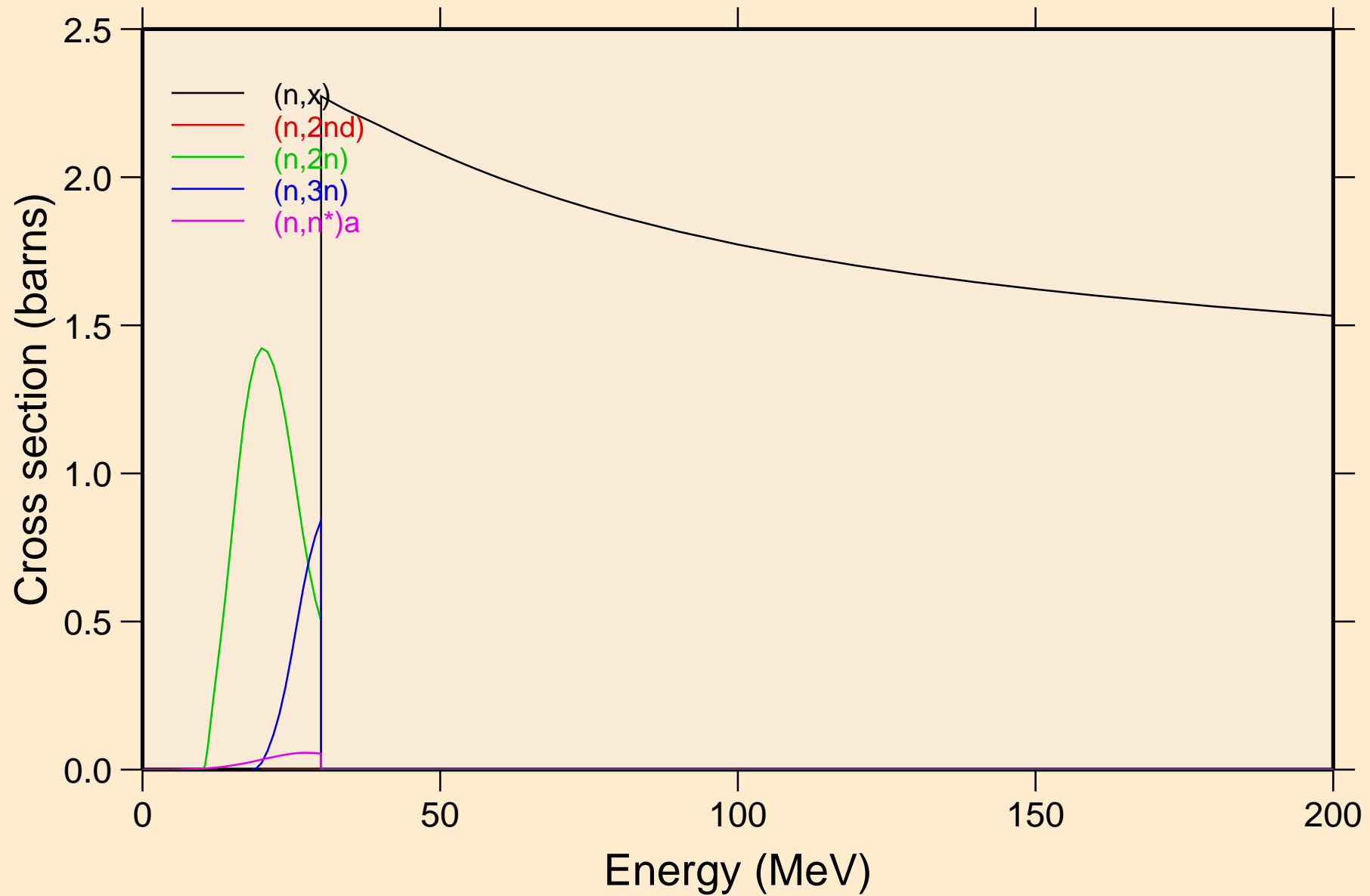
## Inelastic levels





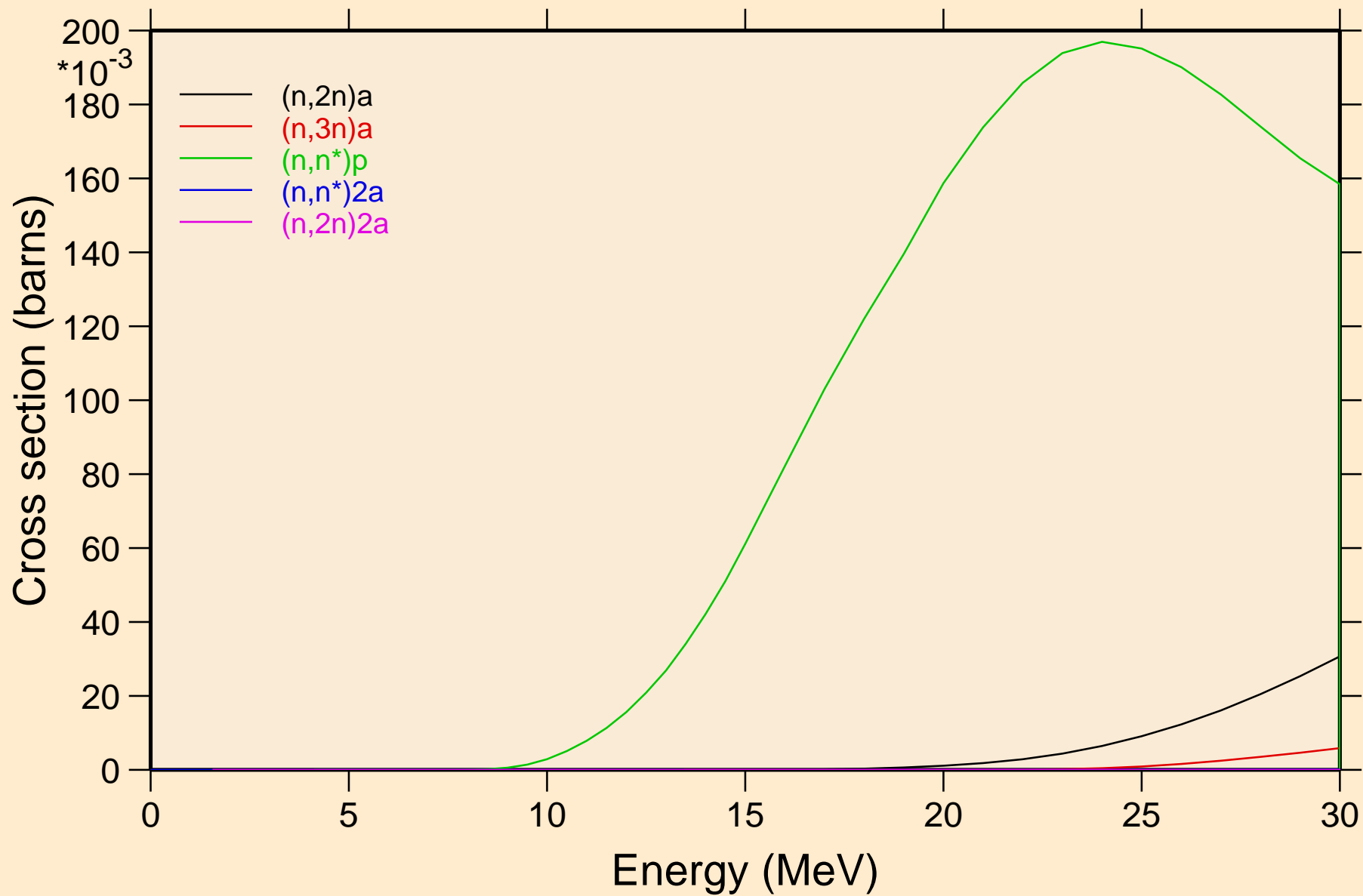
# OS176 NRG TENDL-2015, AKONING

## Threshold reactions



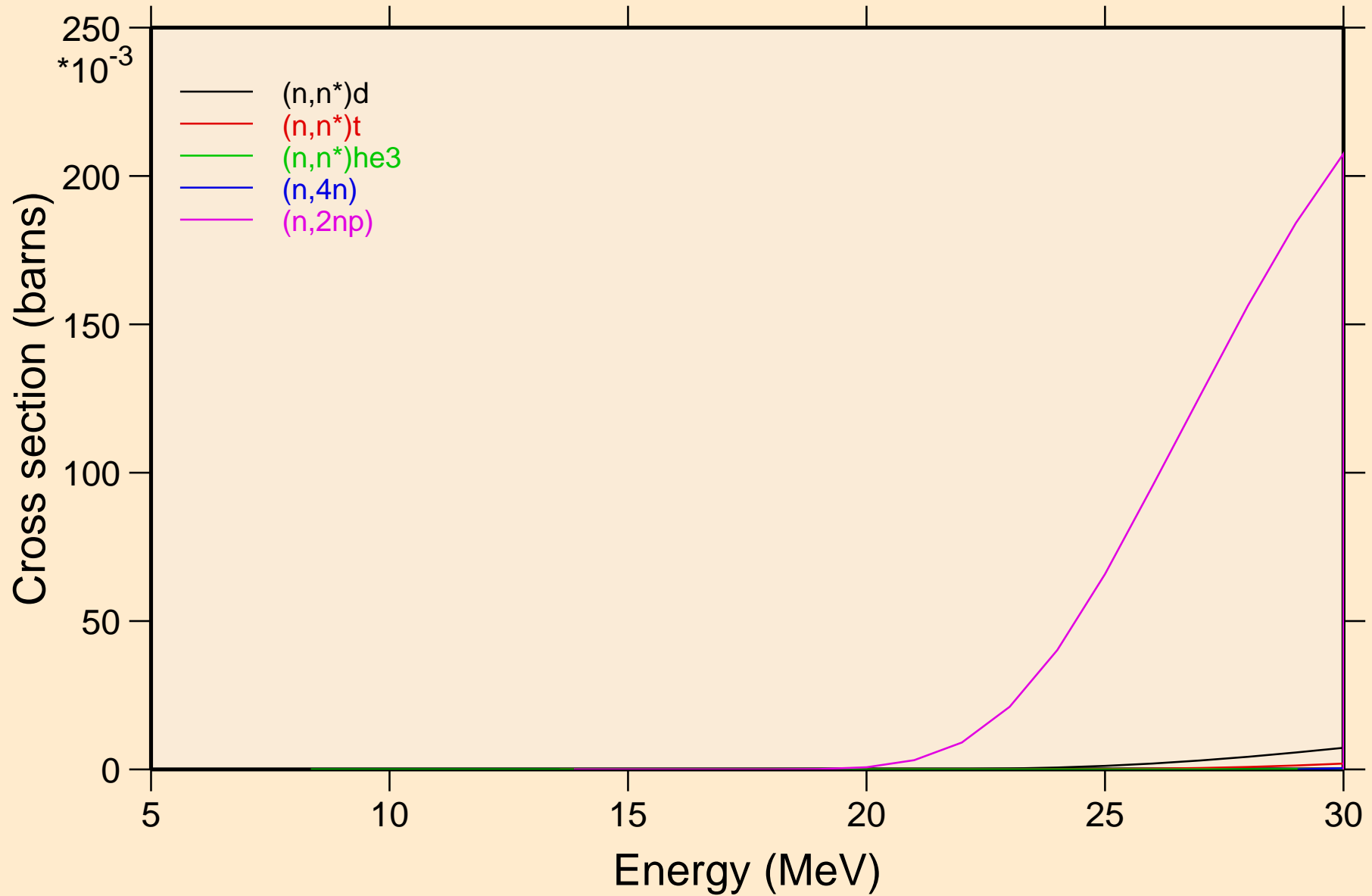
# OS176 NRG TENDL-2015, AKONING

## Threshold reactions



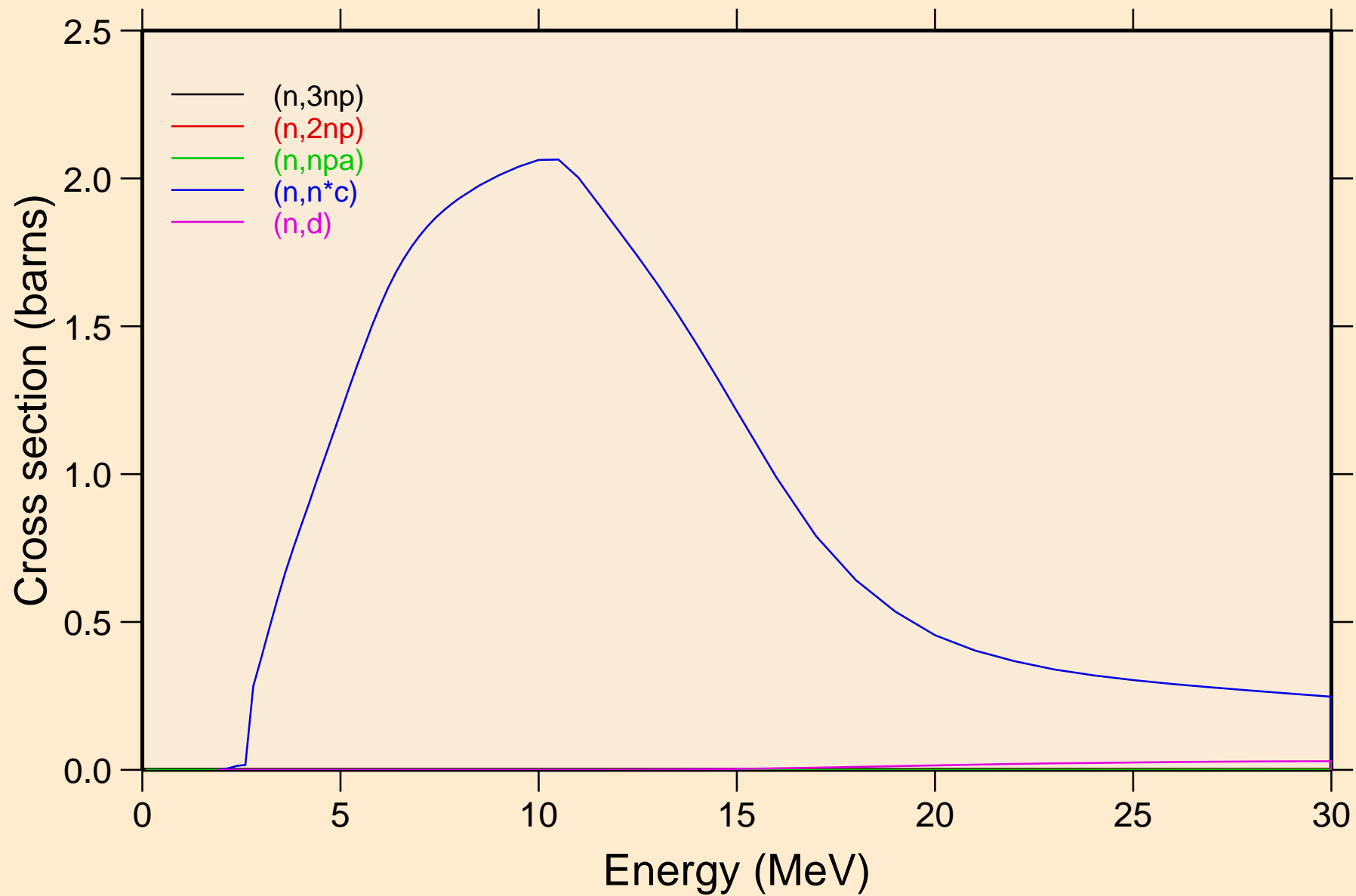
# OS176 NRG TENDL-2015, AKONING

## Threshold reactions



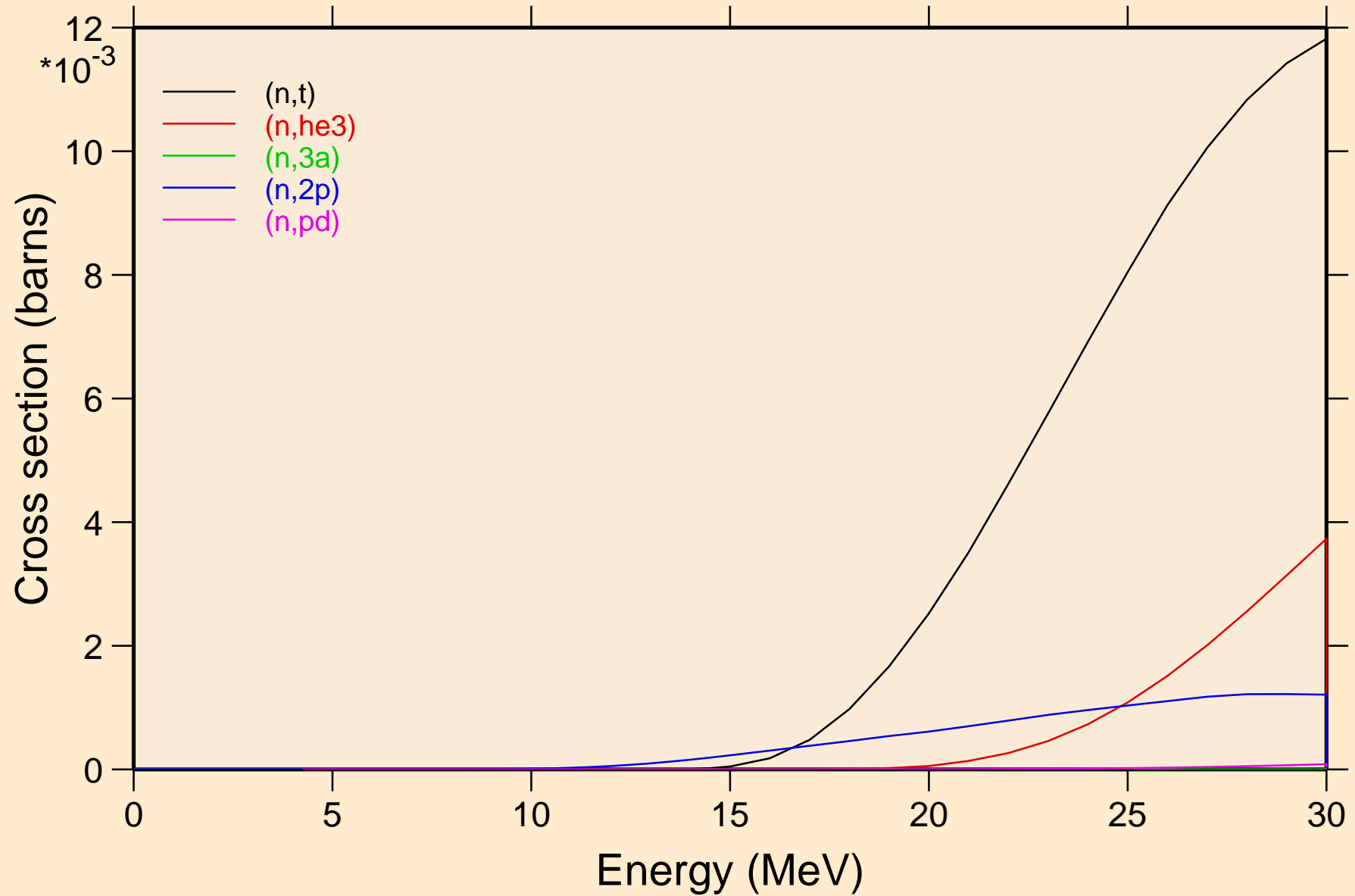
# OS176 NRG TENDL-2015, AKONING

## Threshold reactions



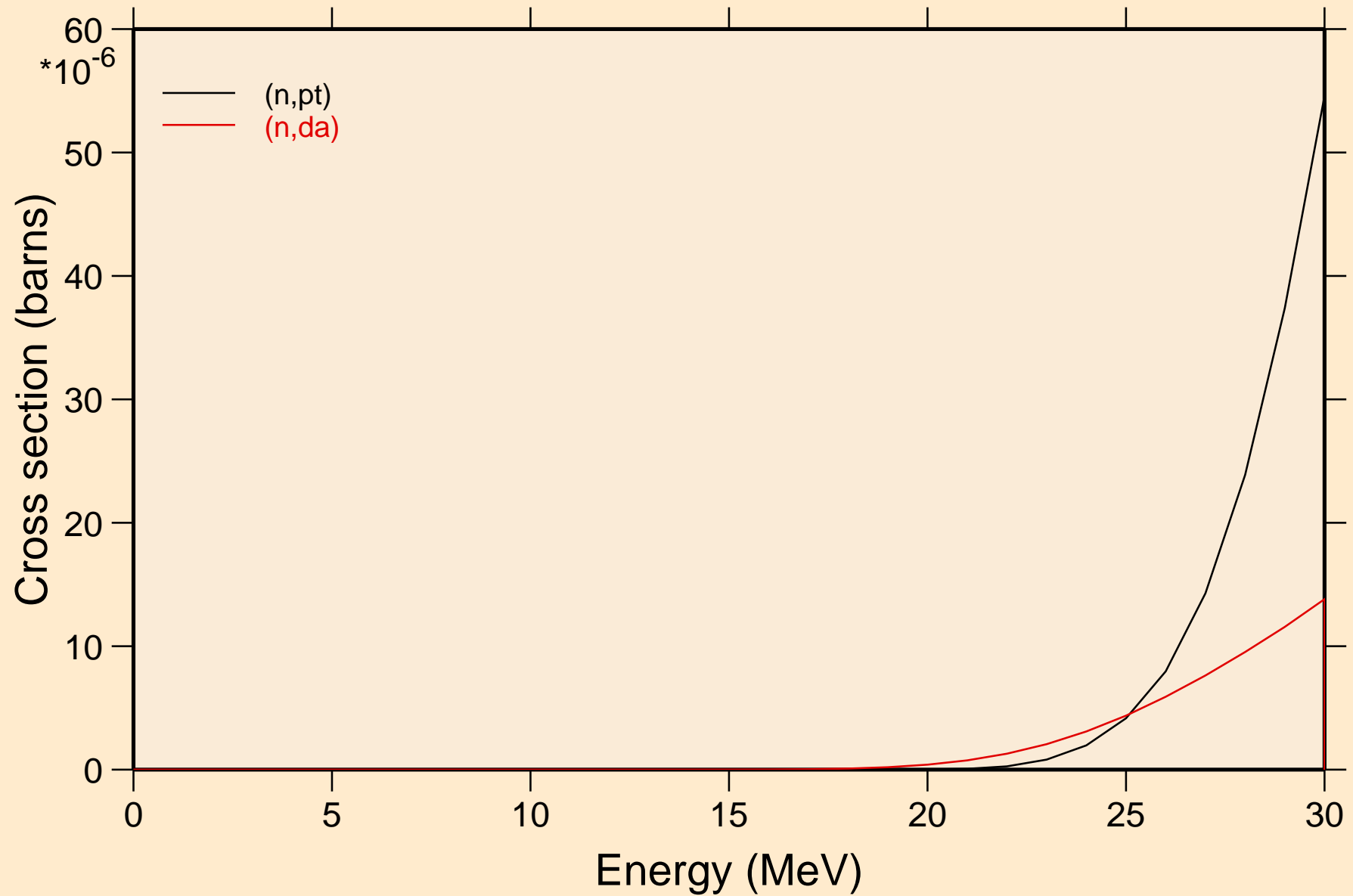
# OS176 NRG TENDL-2015, AKONING

## Threshold reactions

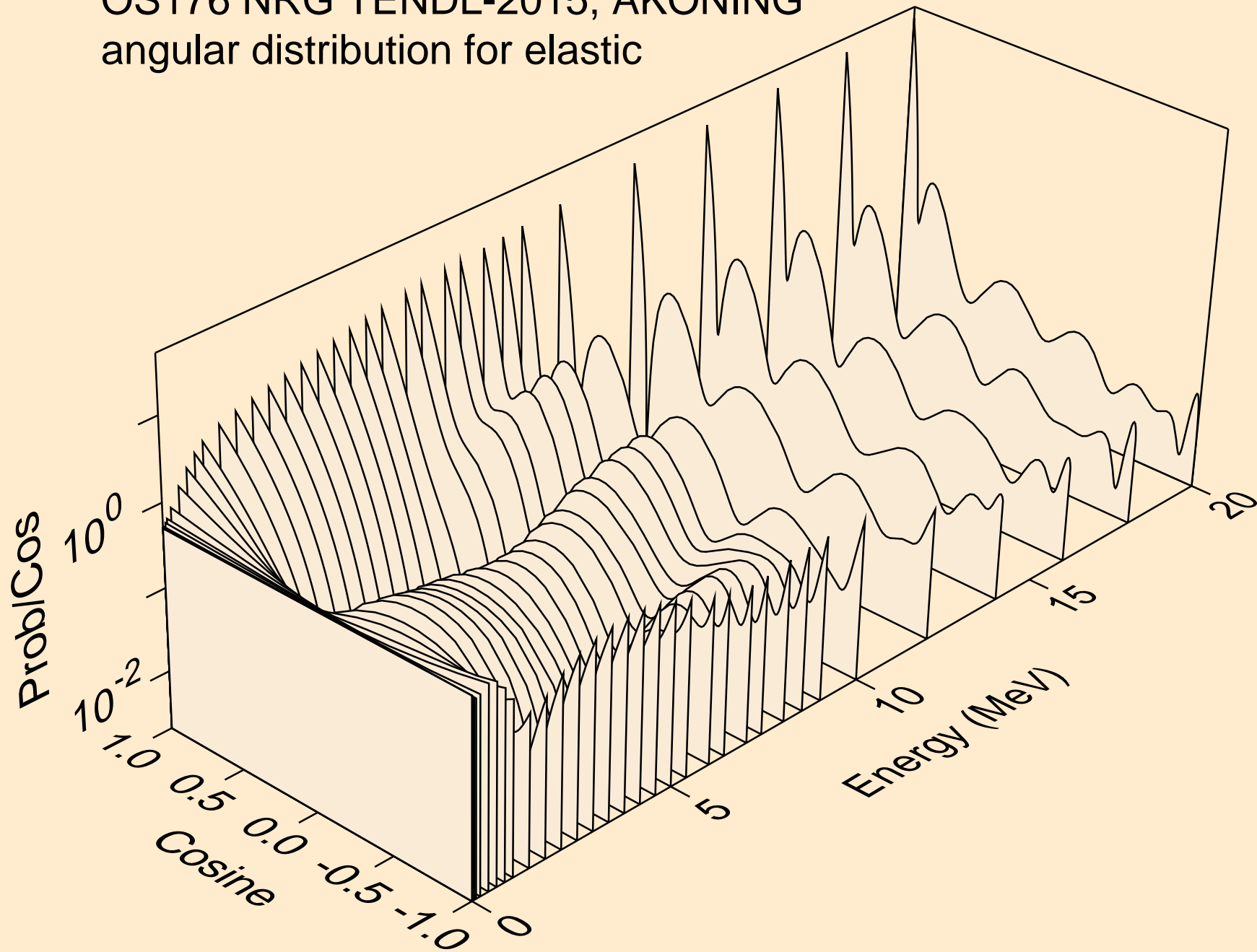


# OS176 NRG TENDL-2015, AKONING

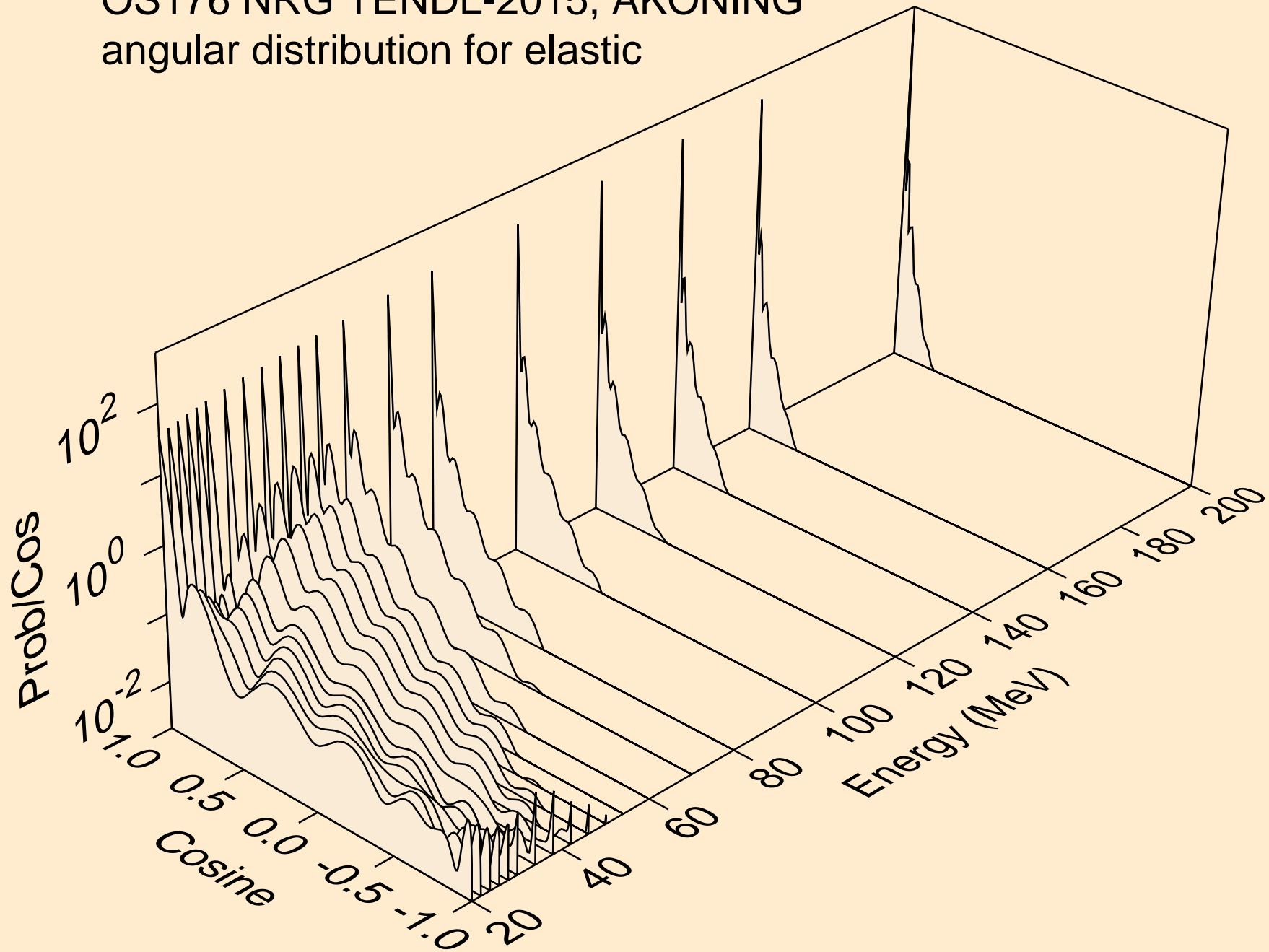
## Threshold reactions



OS176 NRG TENDL-2015, AKONING  
angular distribution for elastic

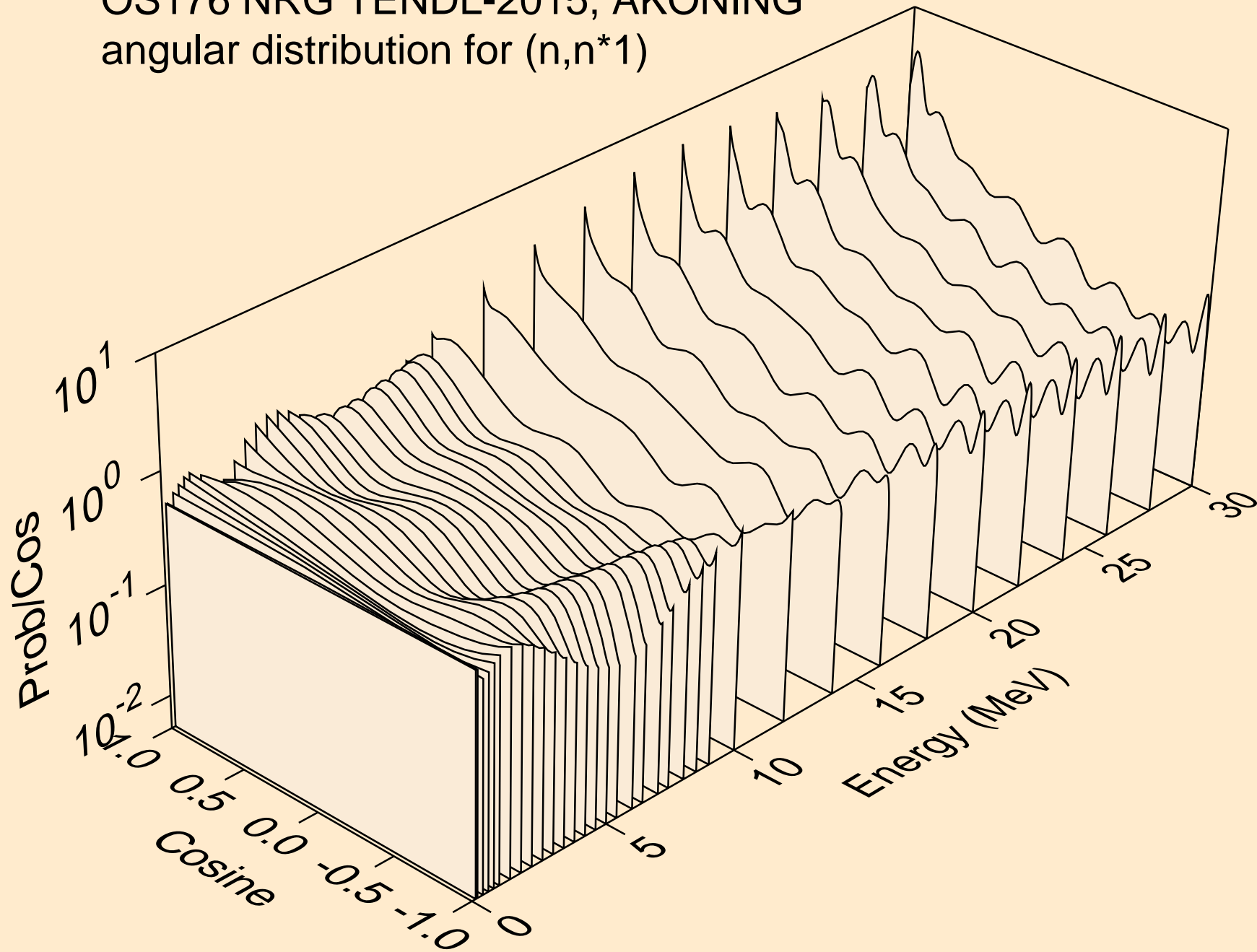


OS176 NRG TENDL-2015, AKONING  
angular distribution for elastic

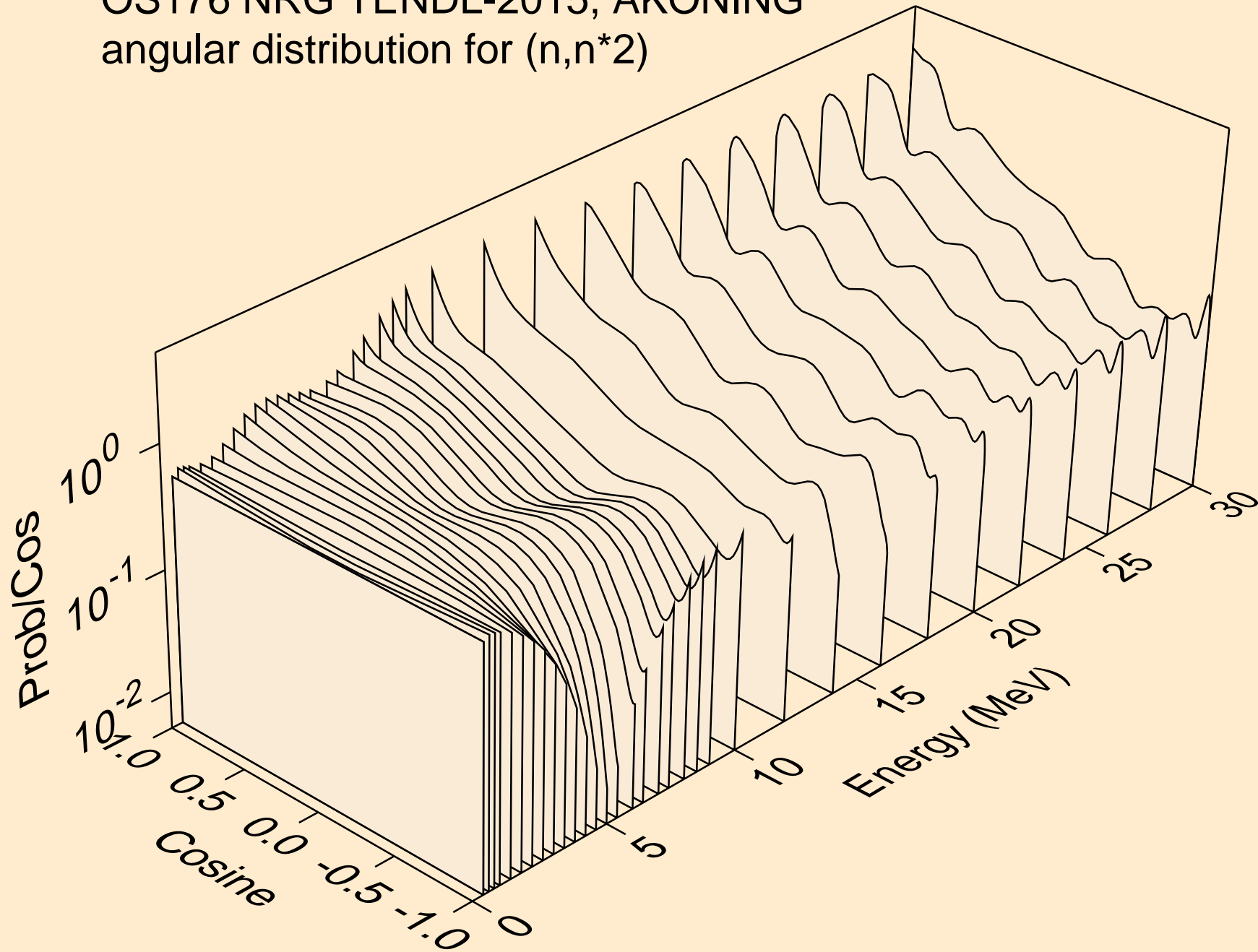




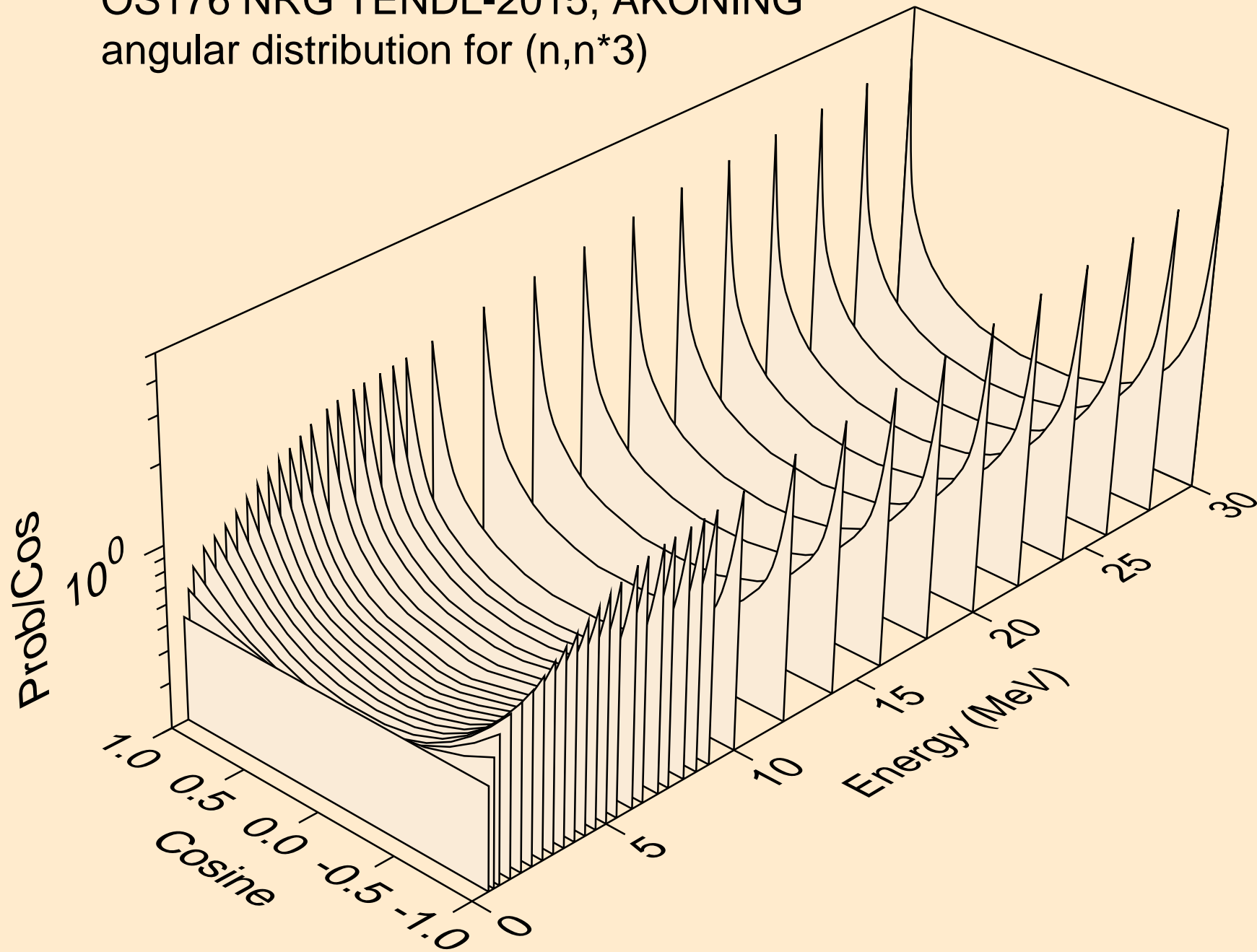
OS176 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



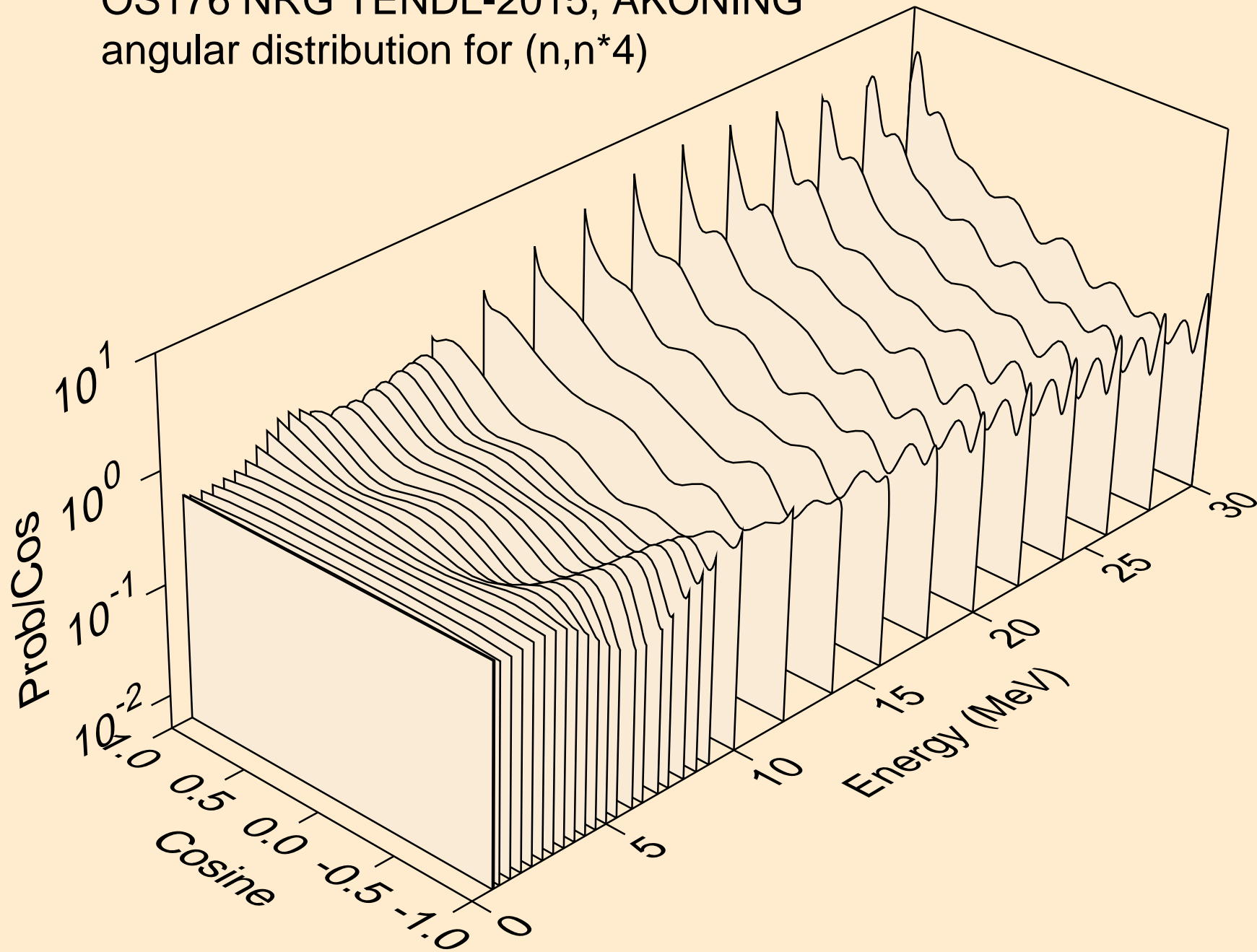
OS176 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



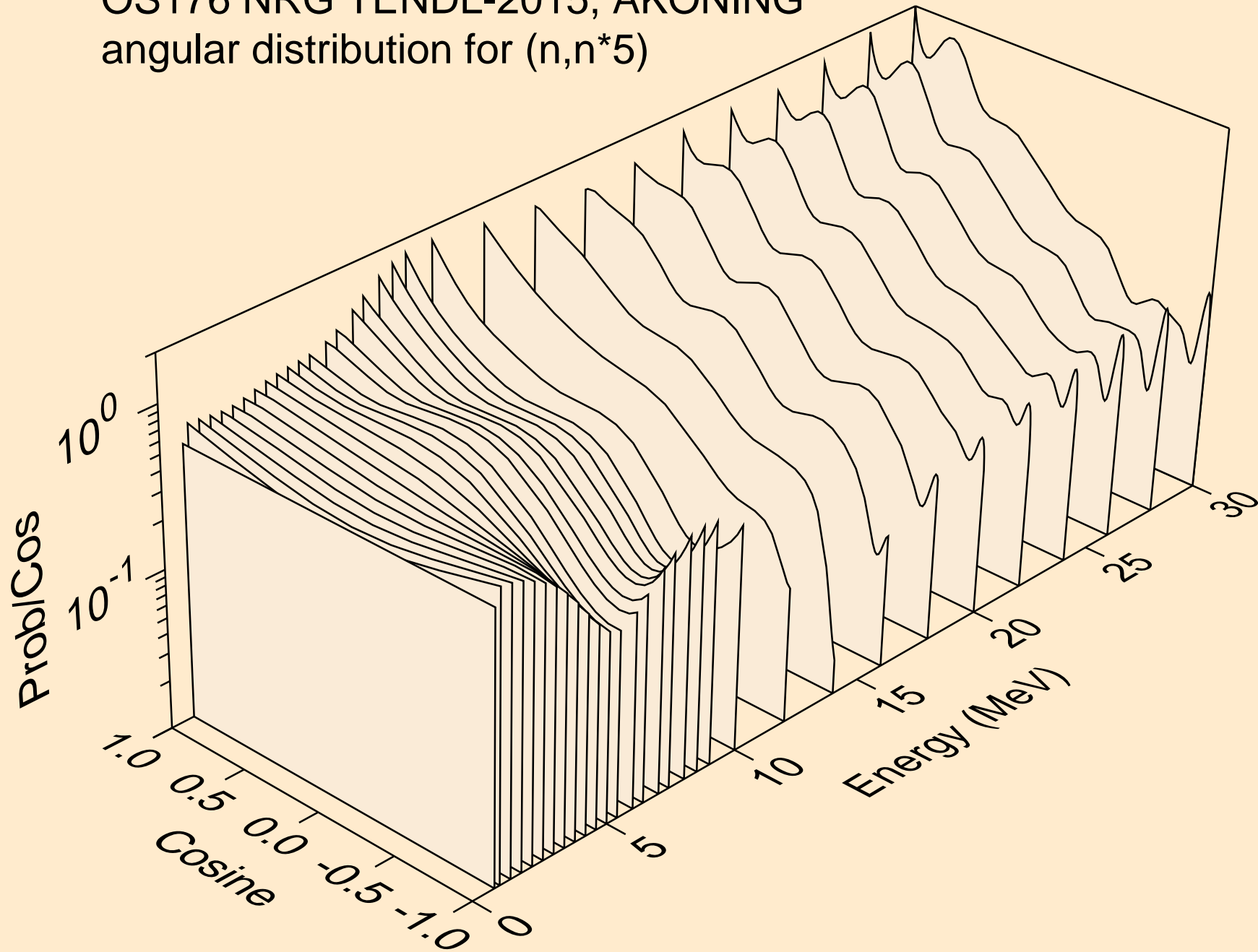
OS176 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



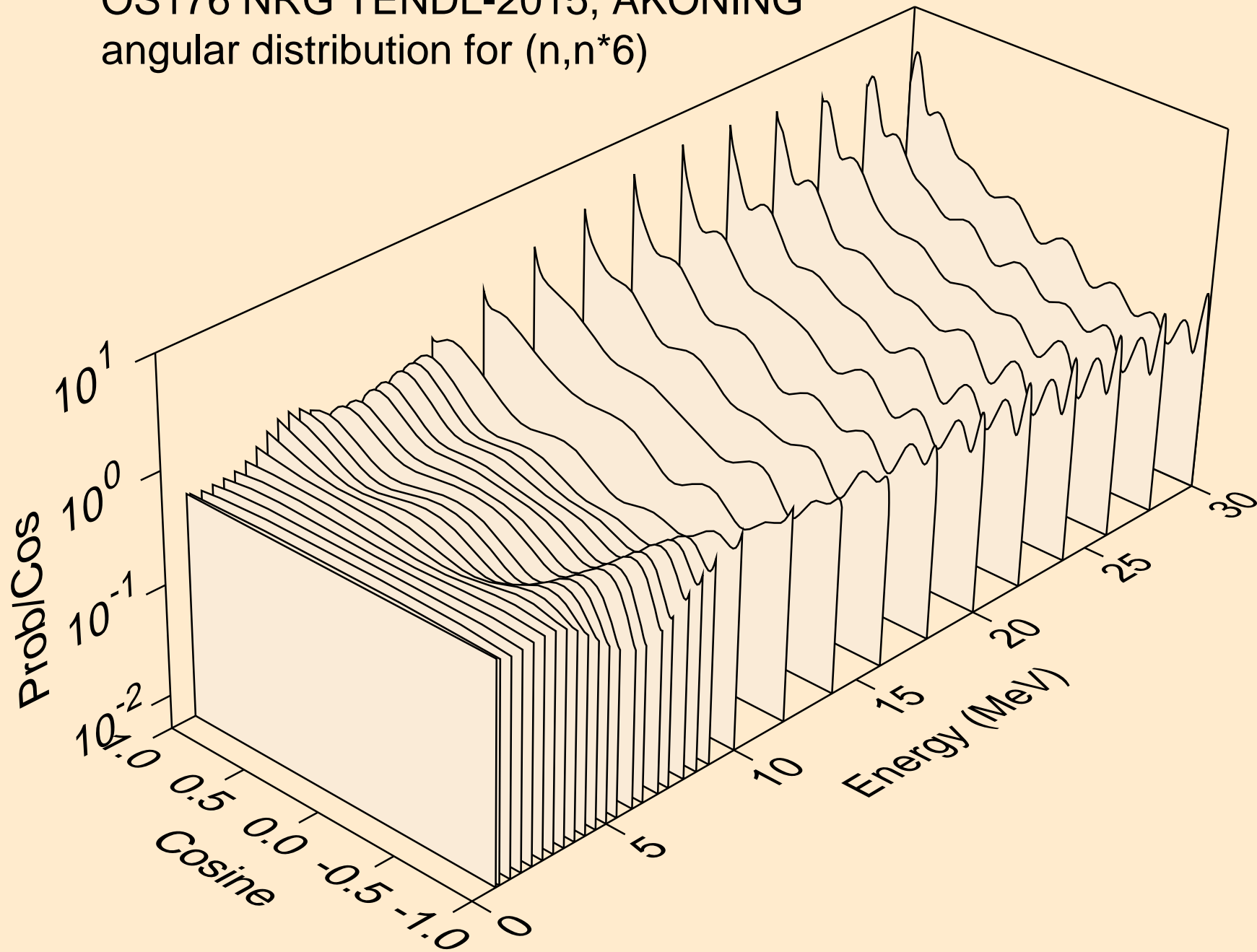
OS176 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



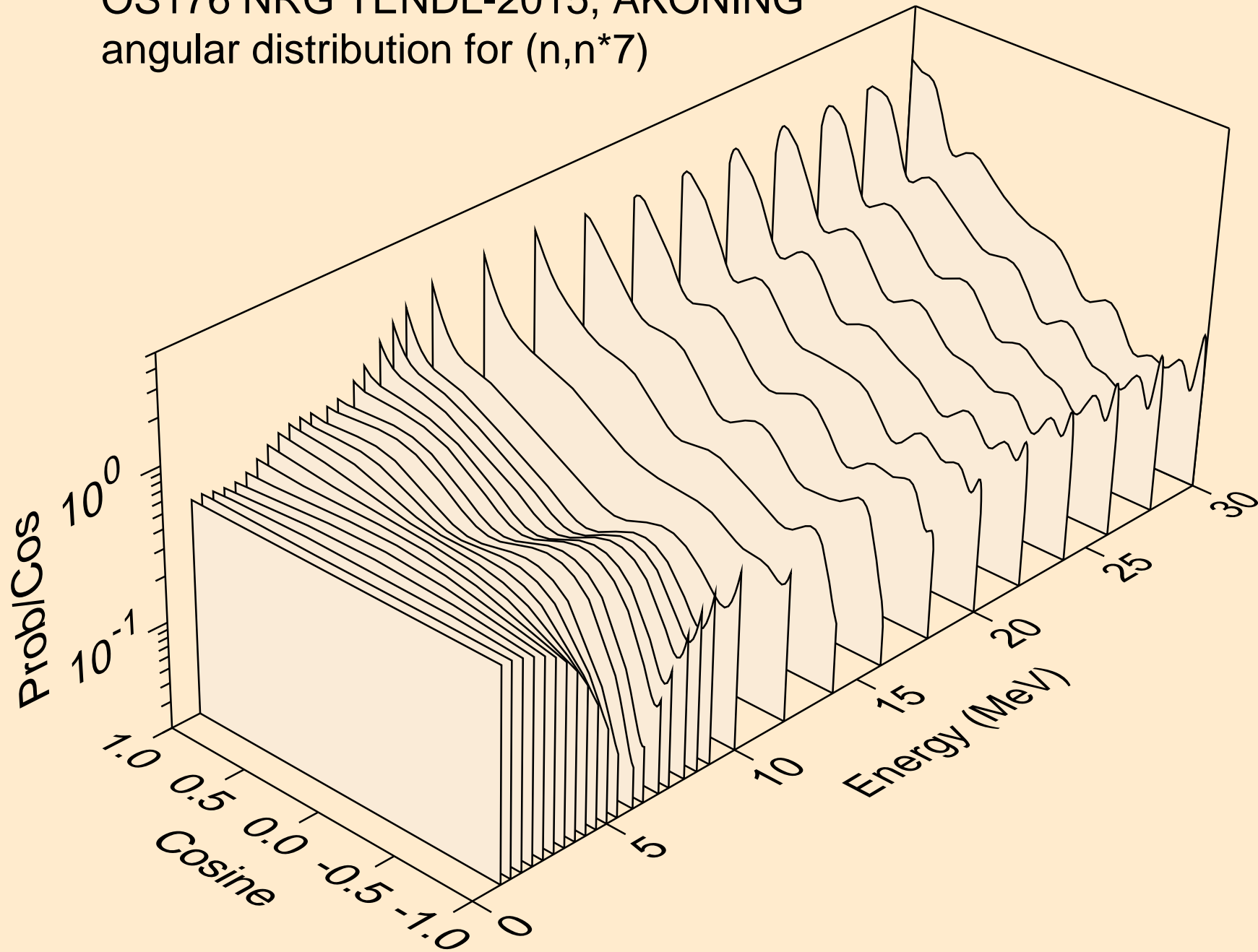
OS176 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



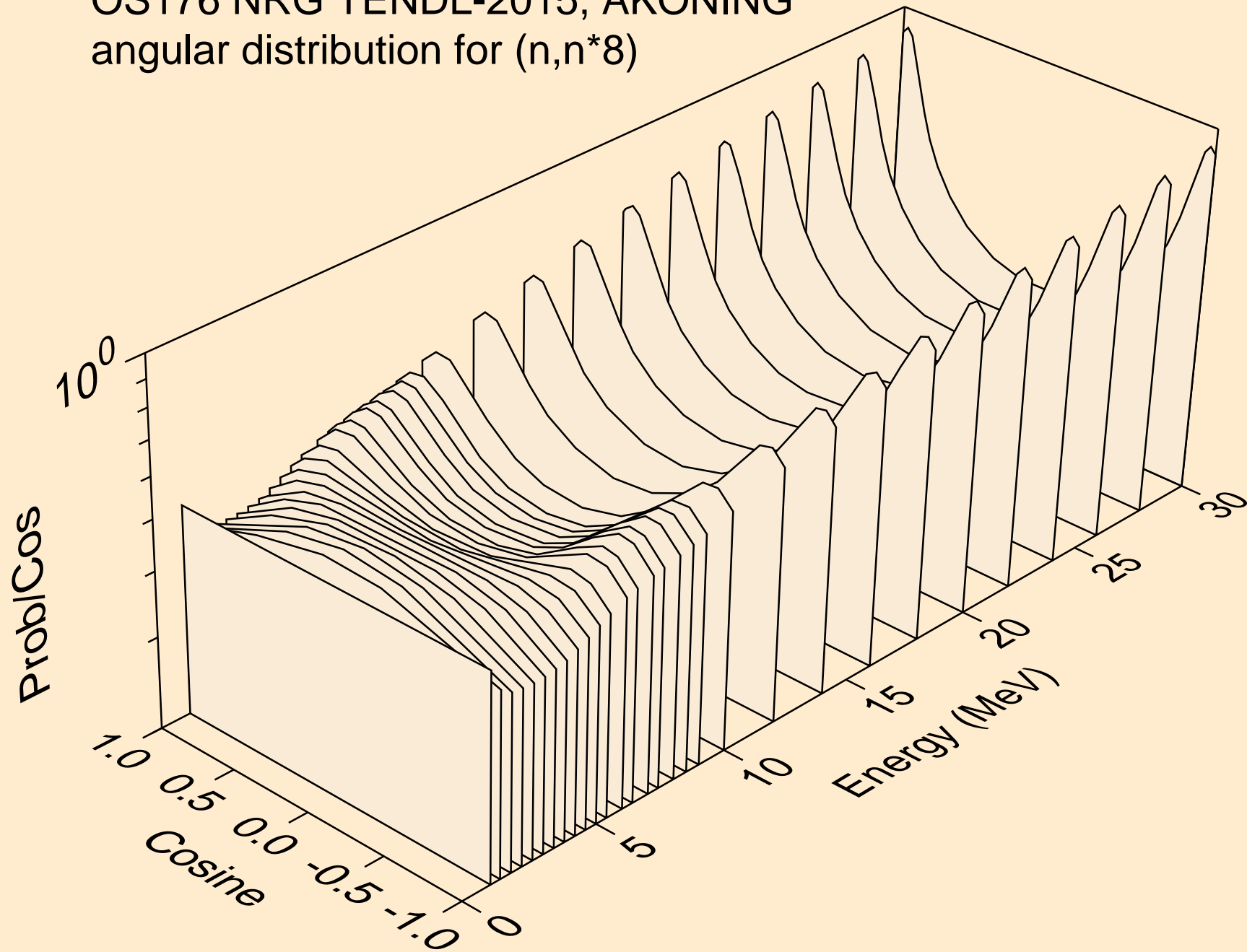
OS176 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



OS176 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

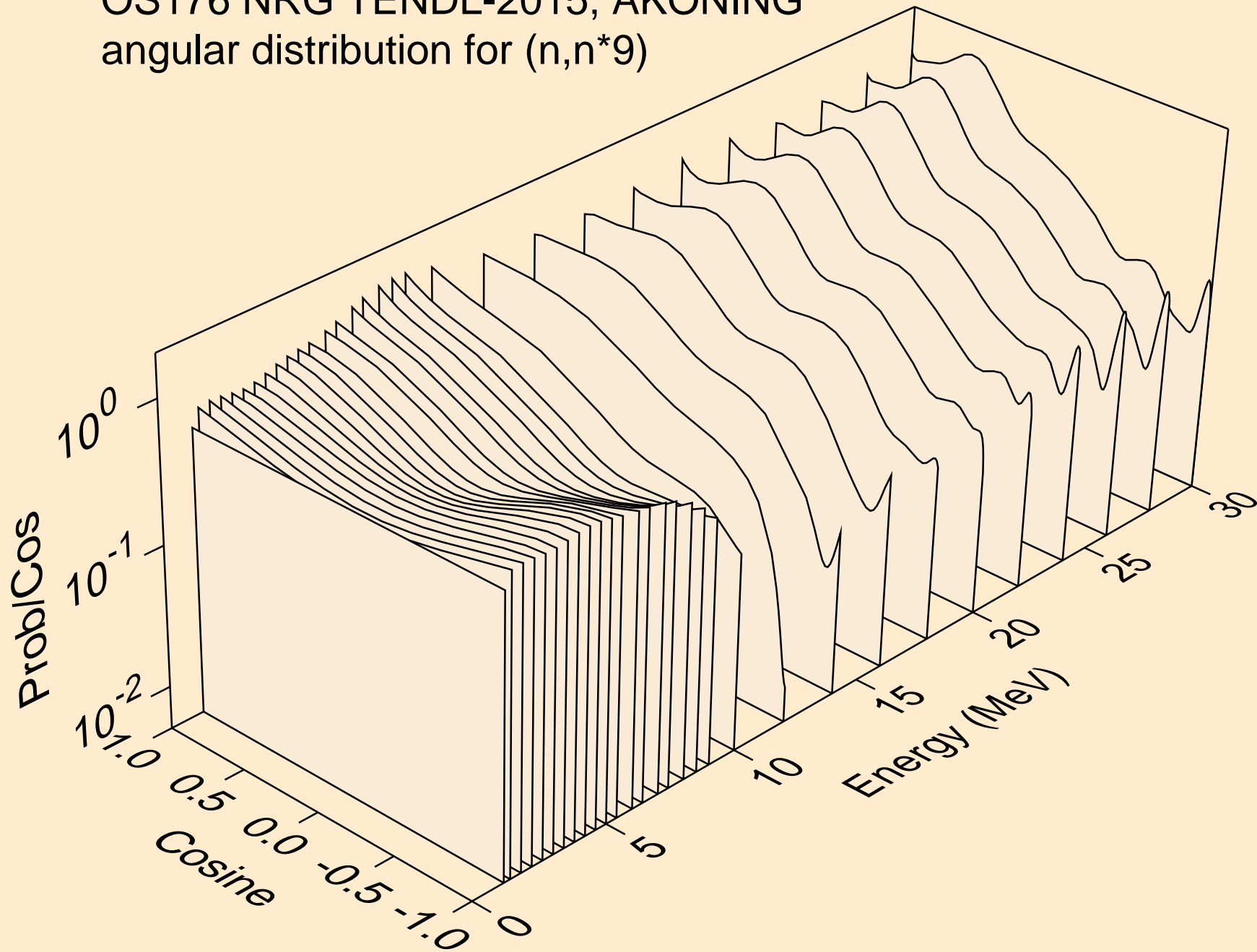


OS176 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

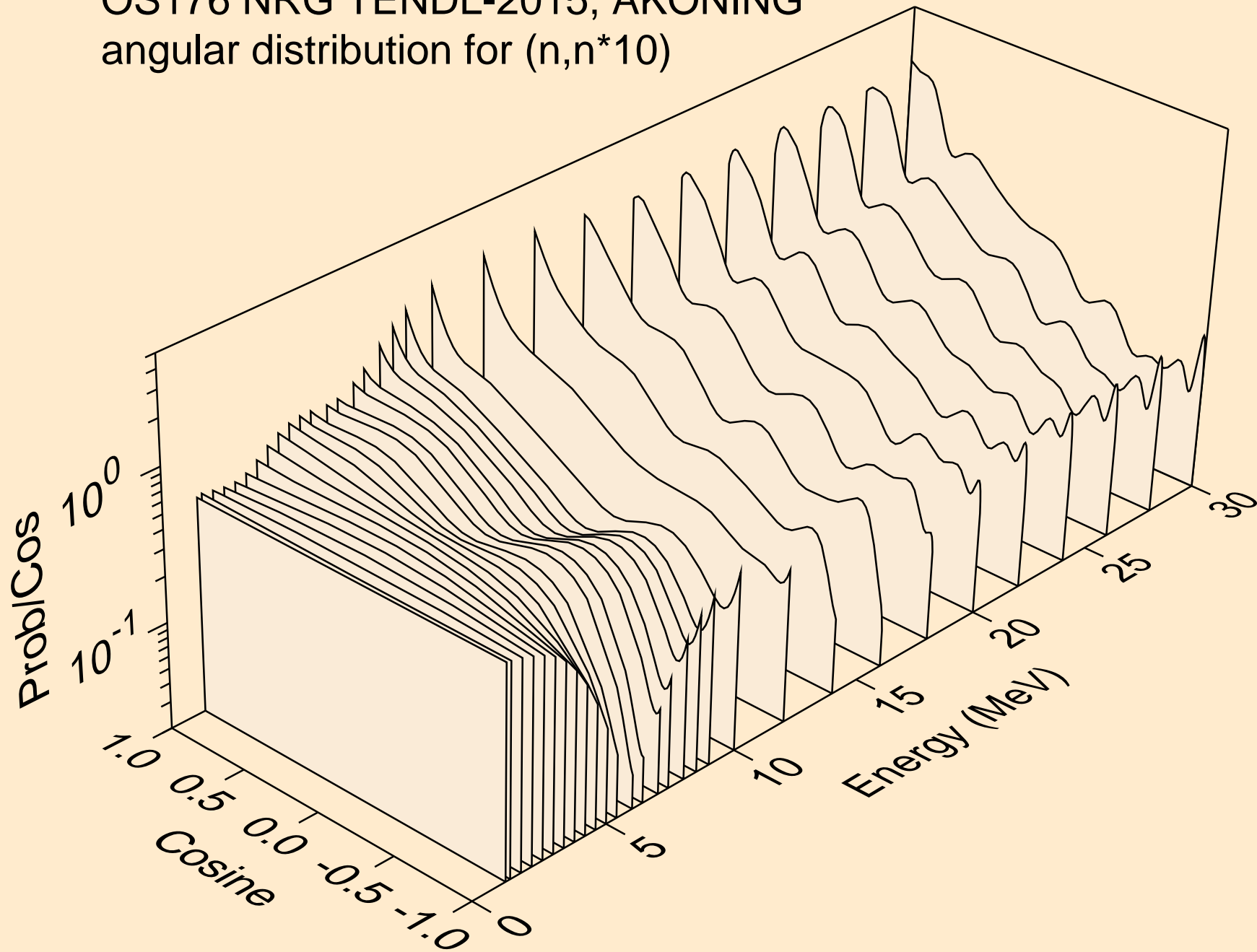




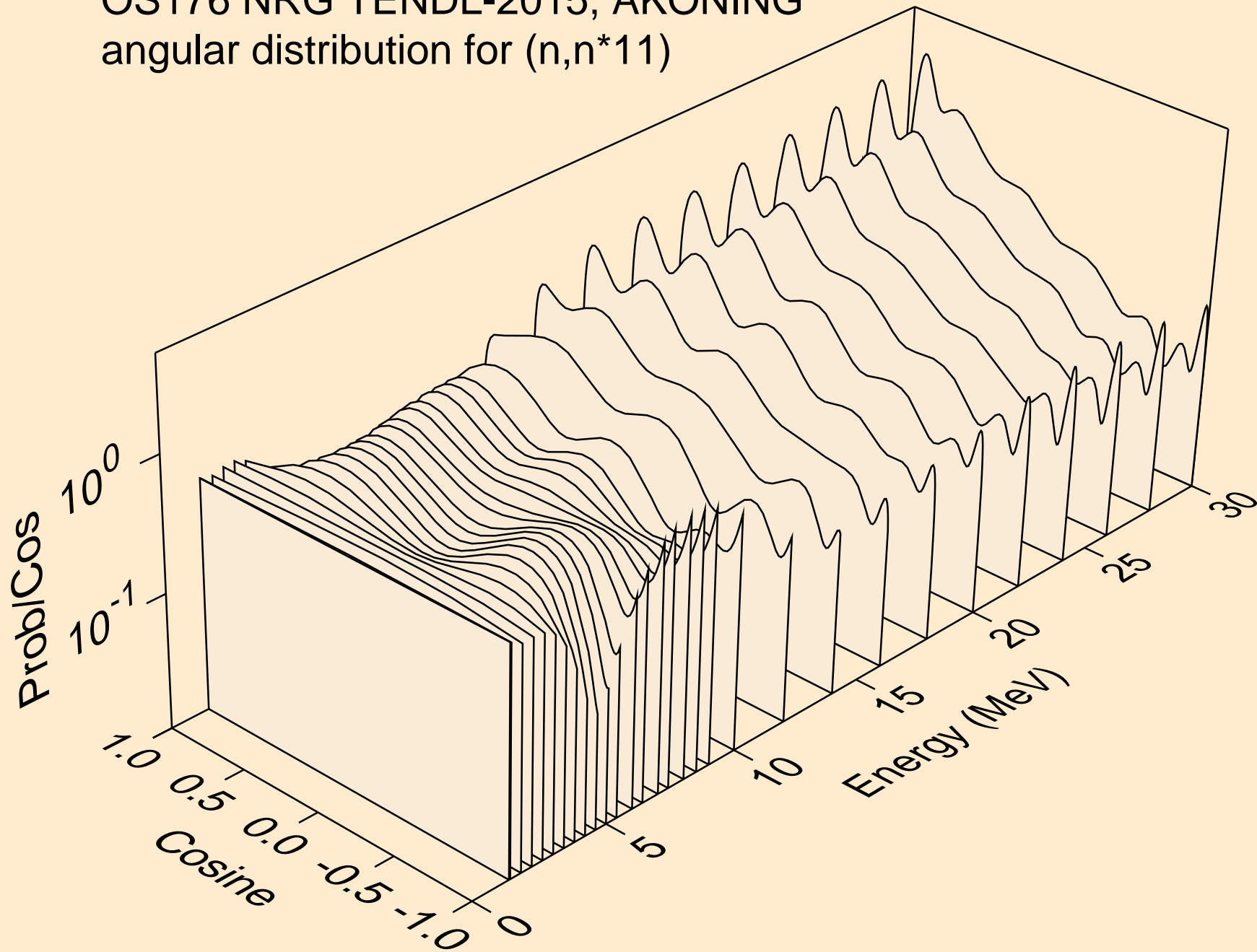
OS176 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



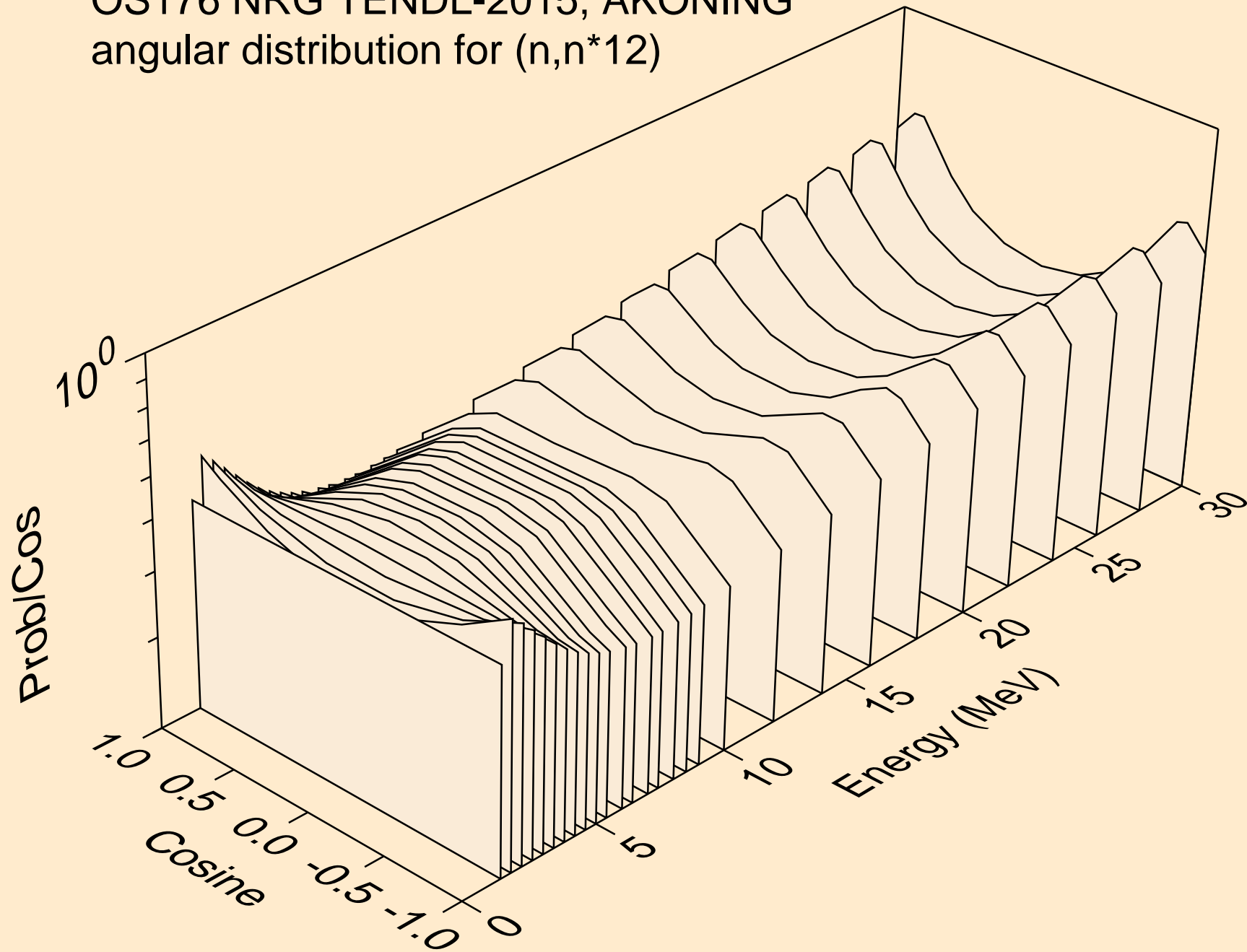
OS176 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



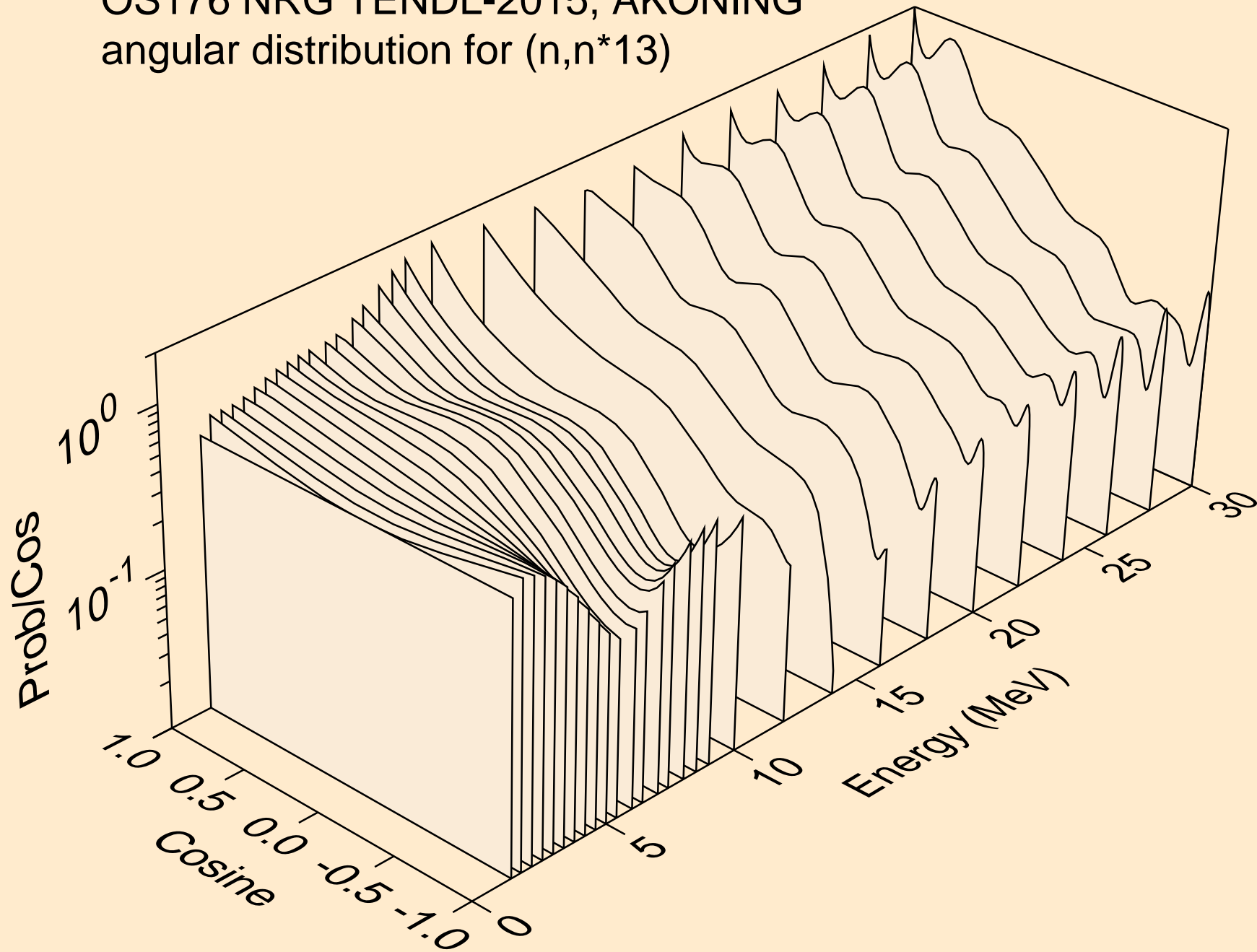
OS176 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



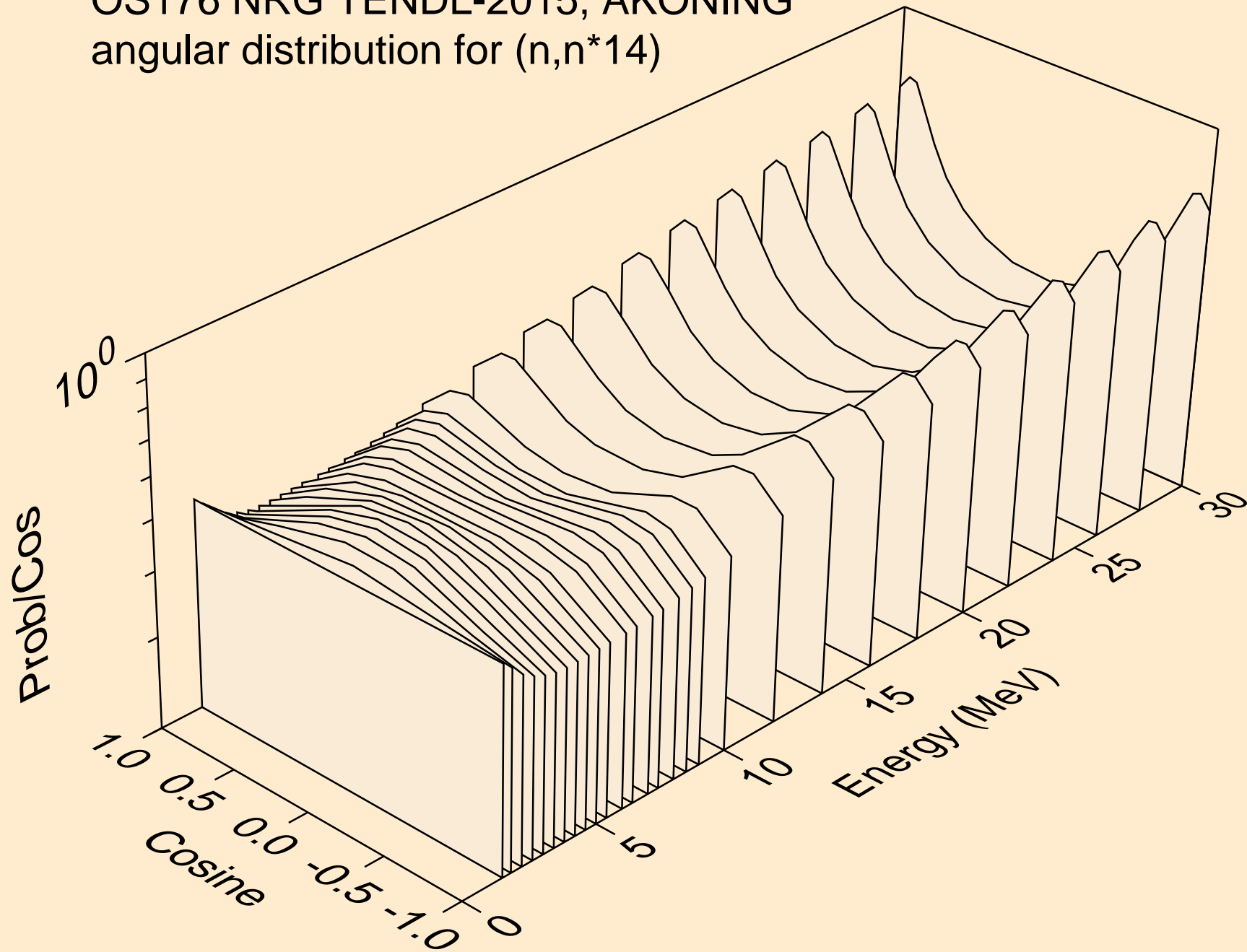
OS176 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



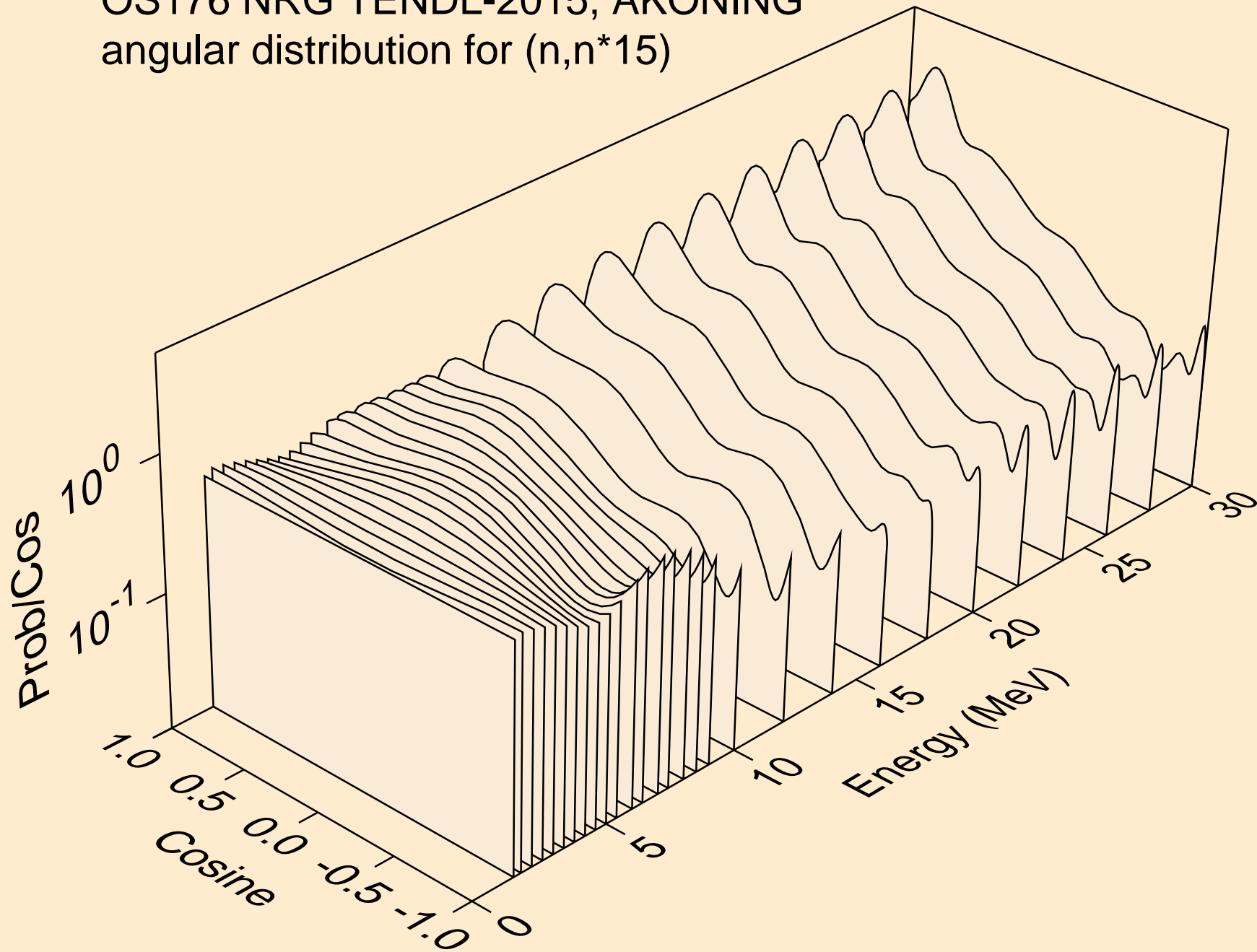
OS176 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



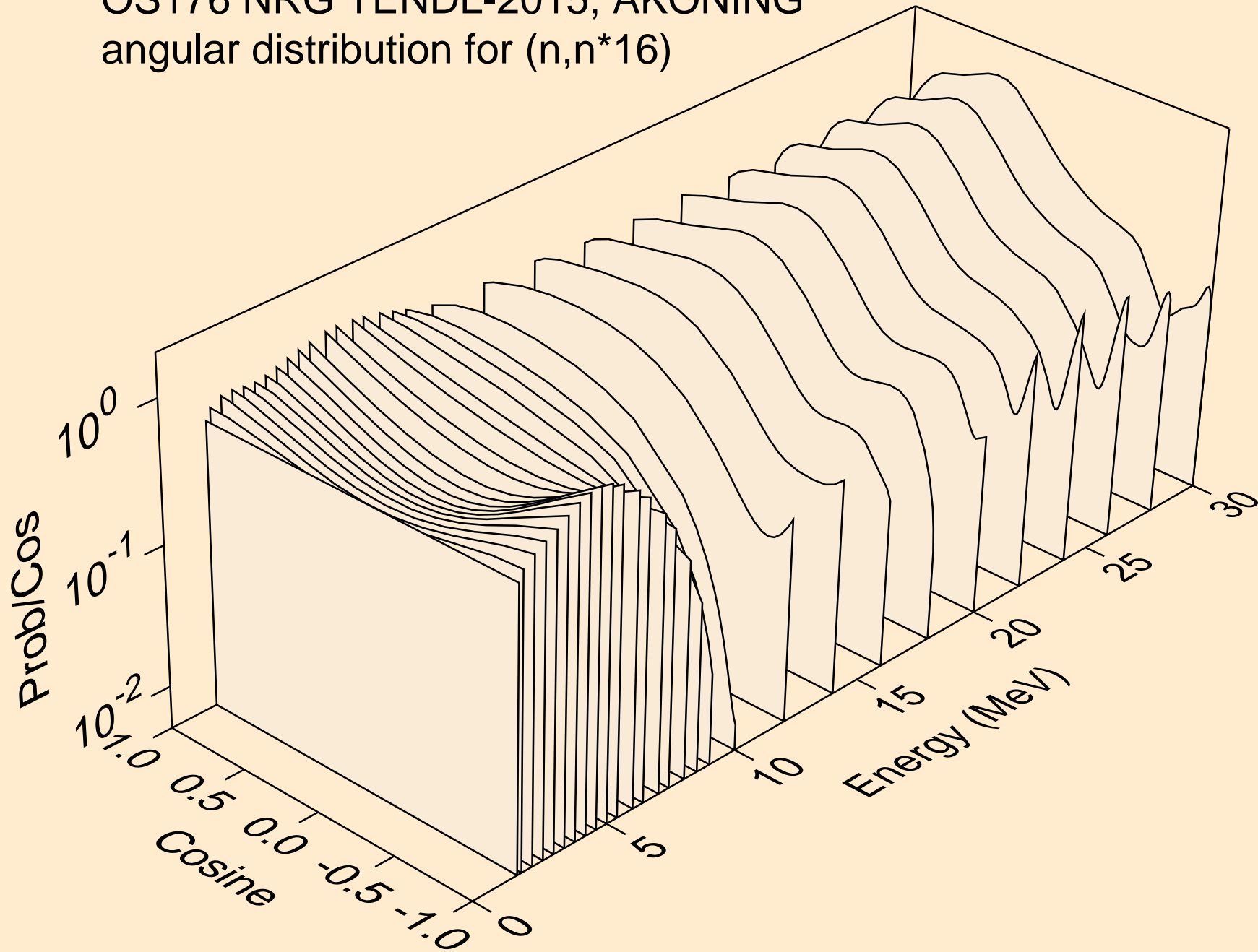
OS176 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



OS176 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

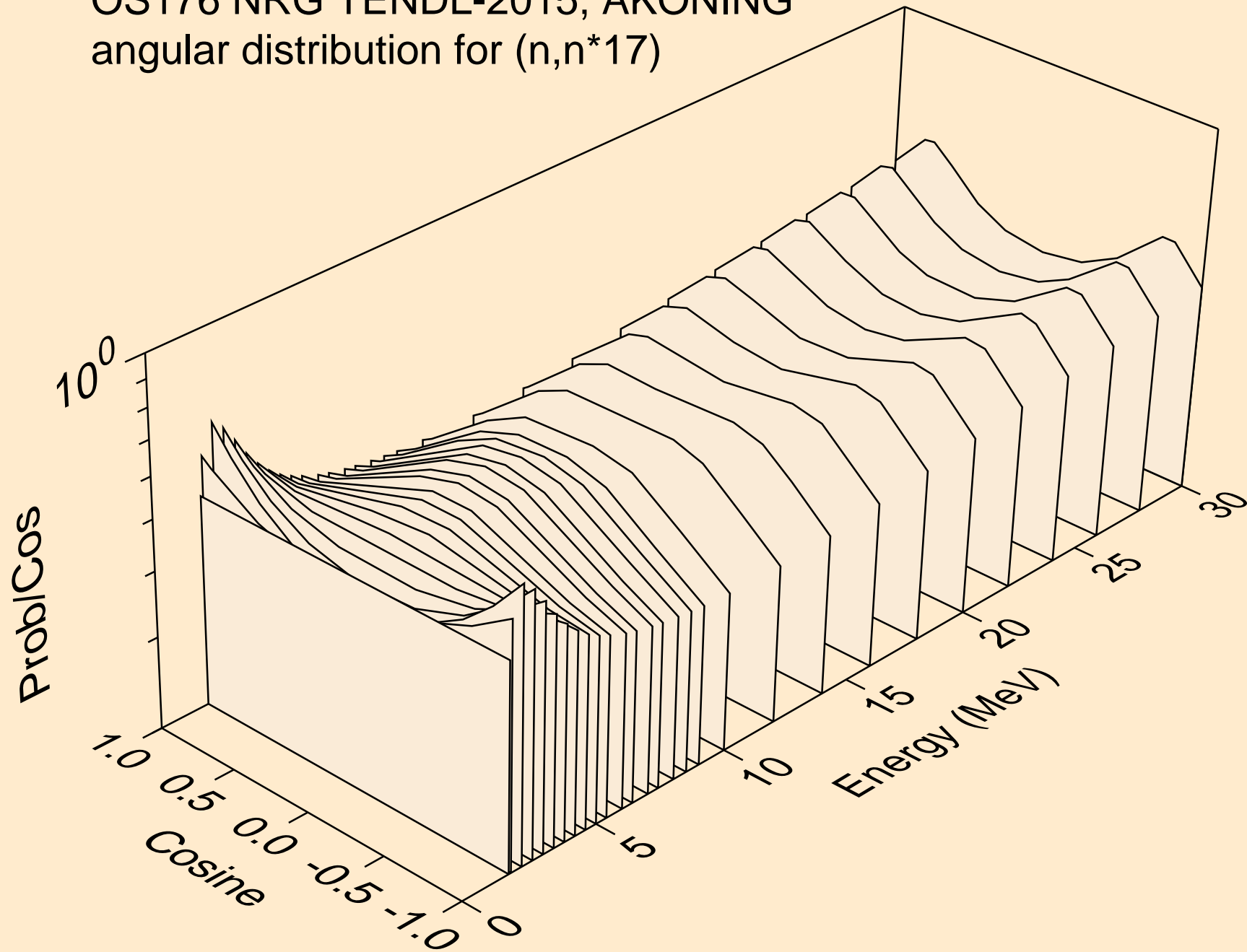


OS176 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)

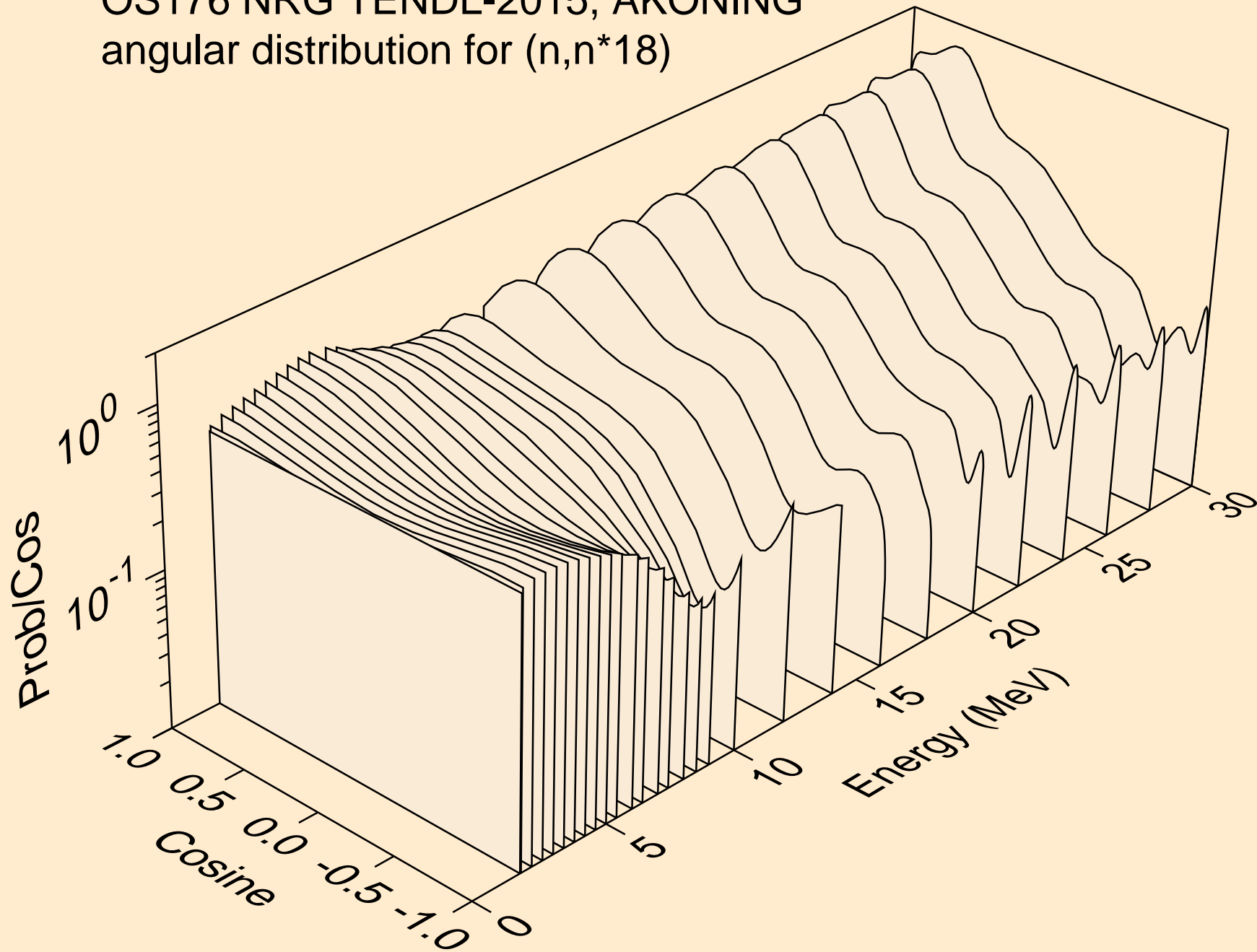




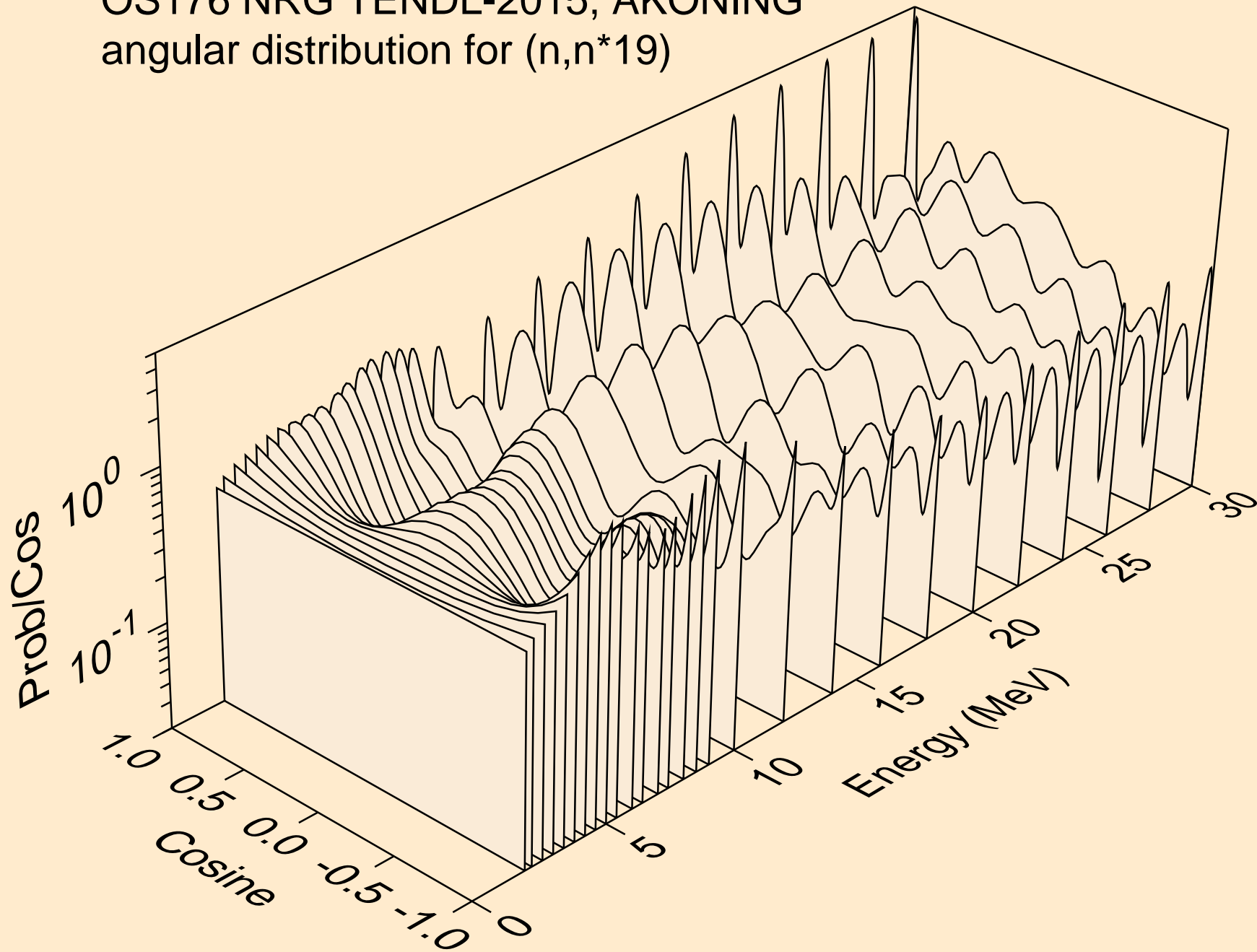
OS176 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



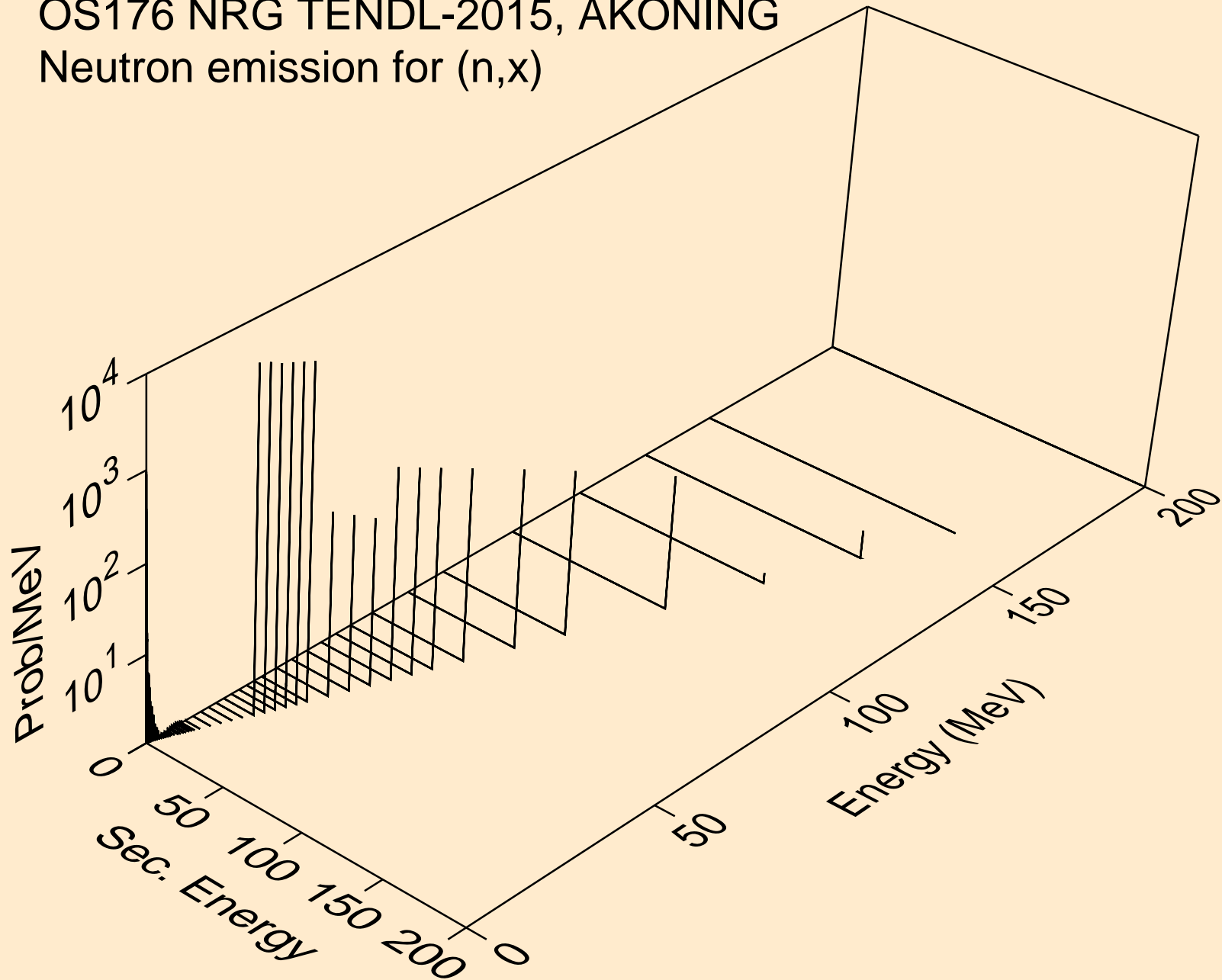
OS176 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



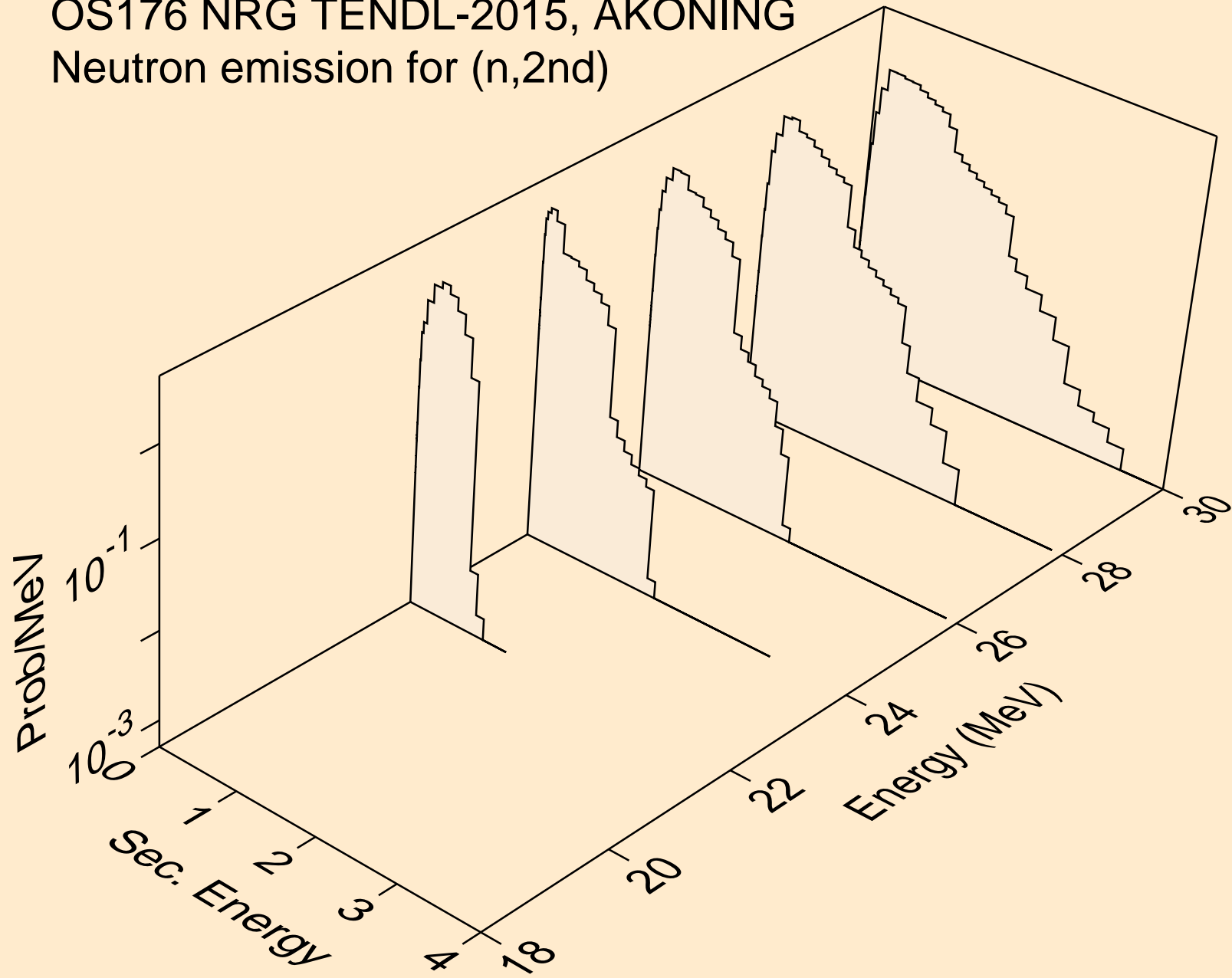
OS176 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



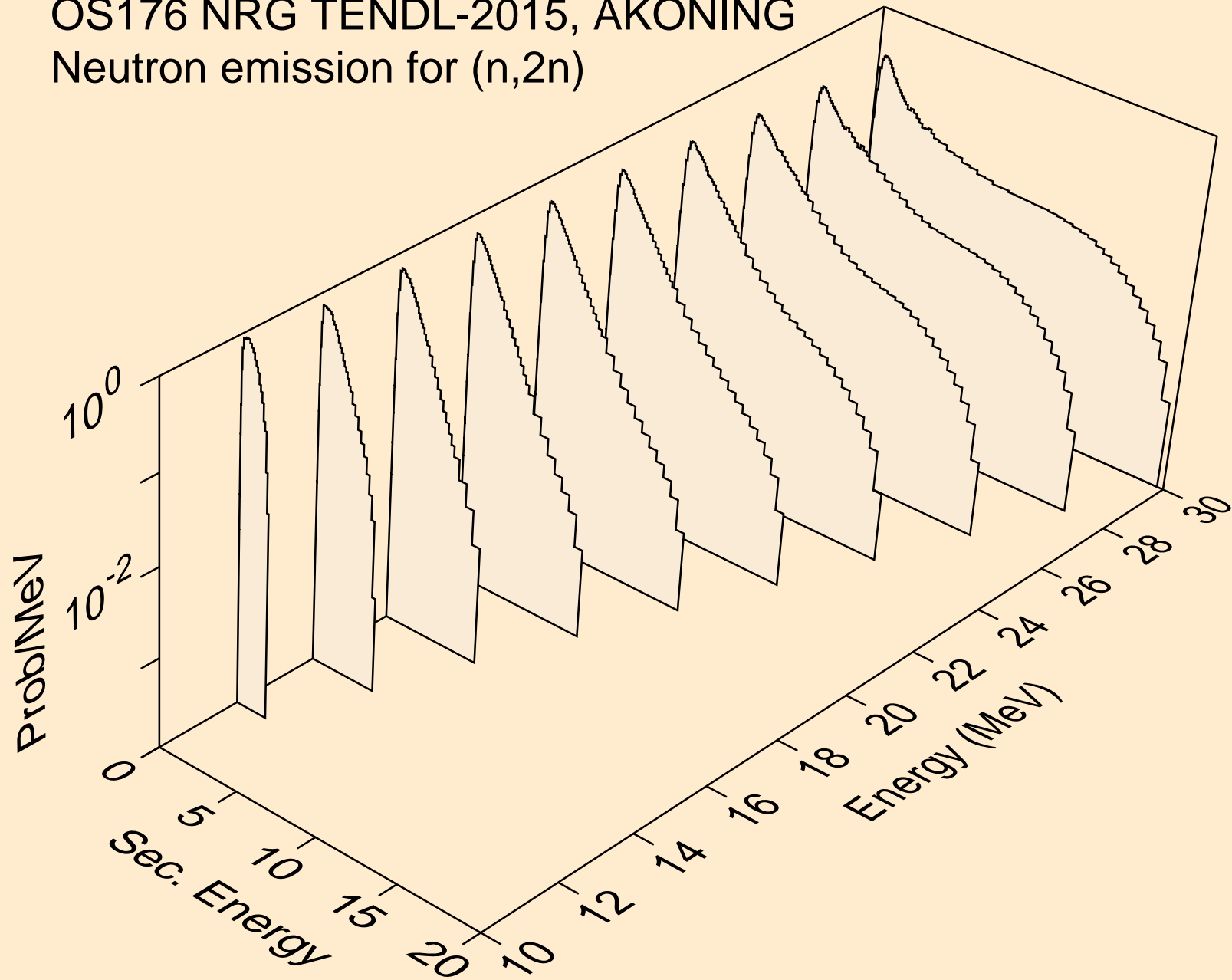
OS176 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



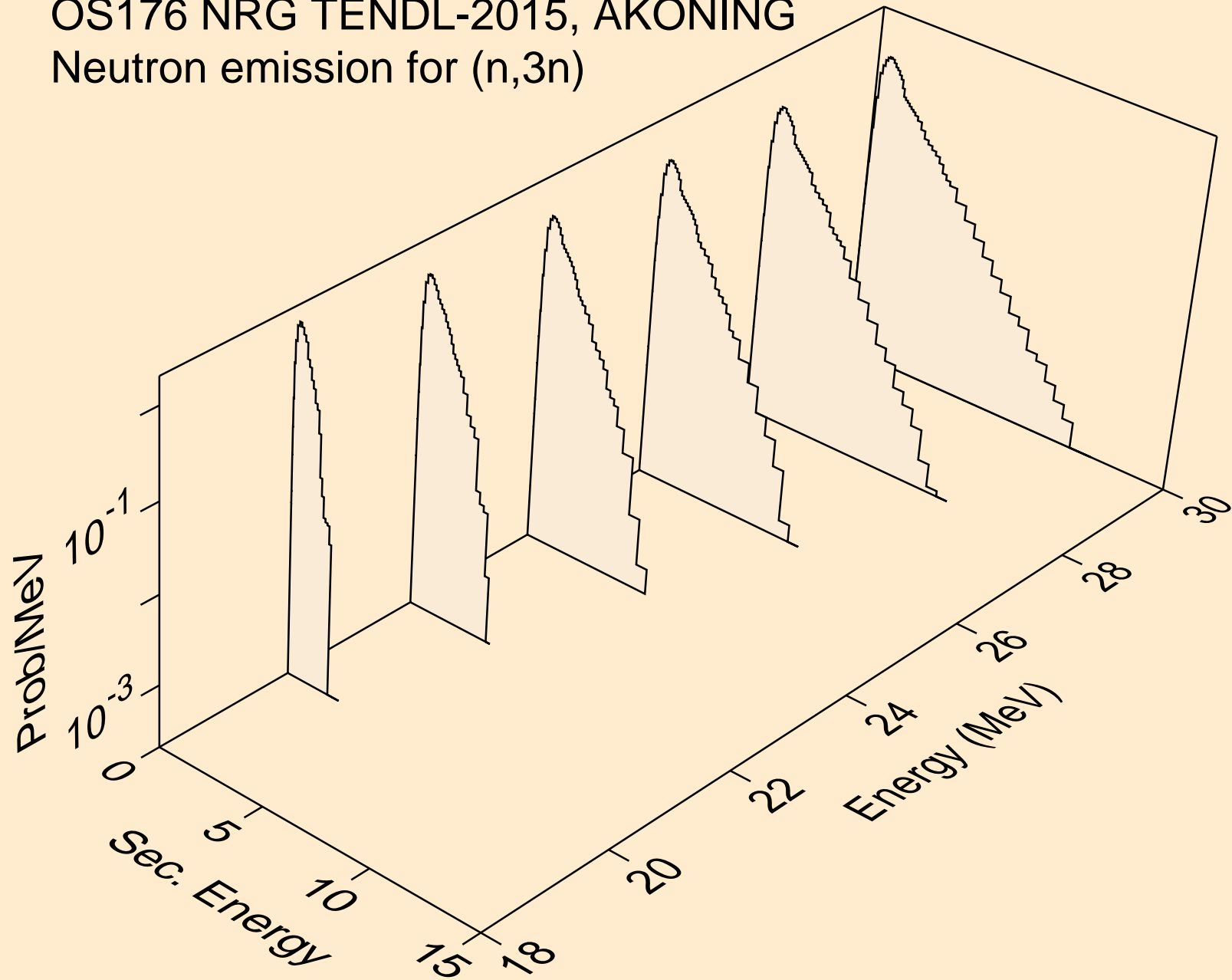
OS176 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



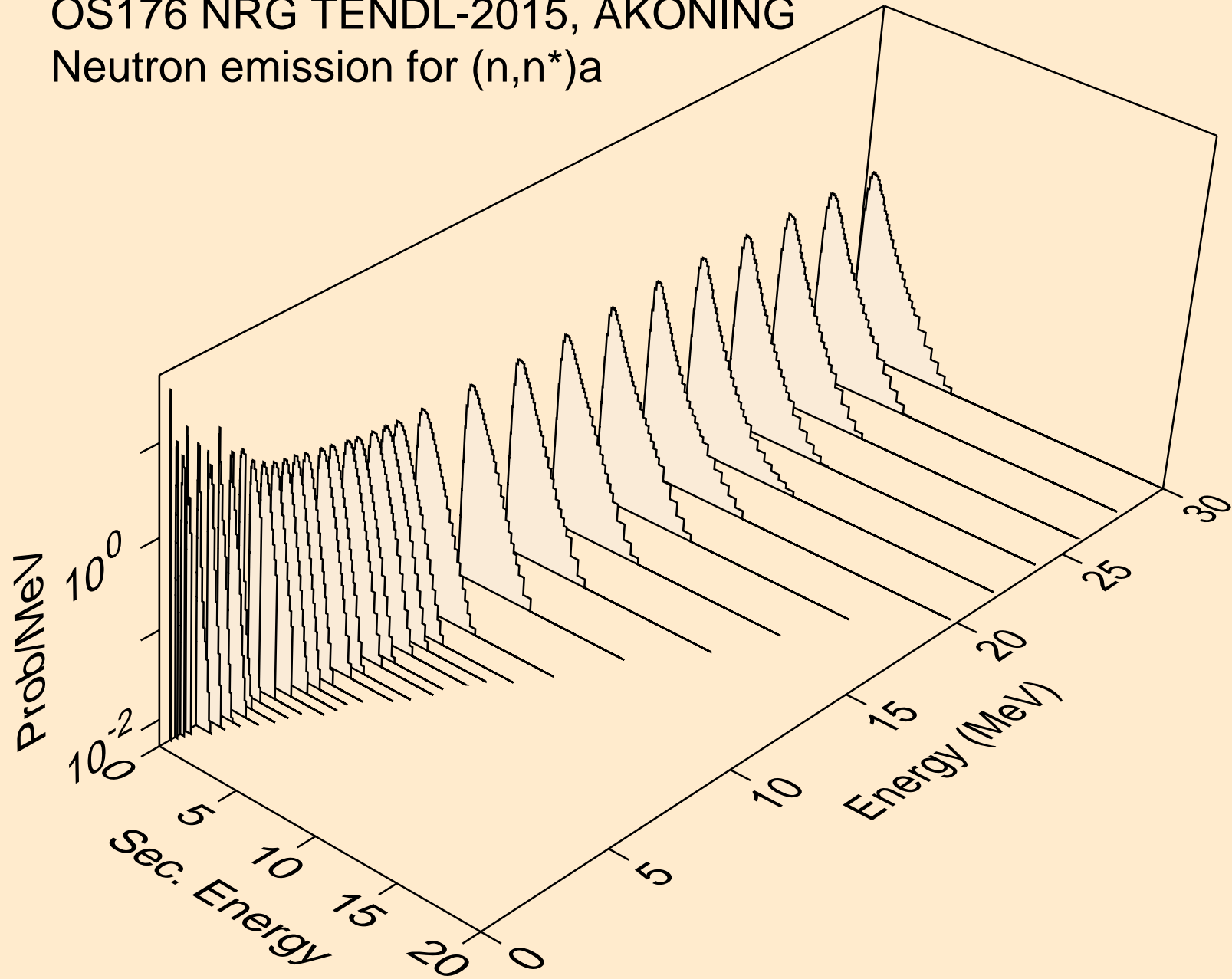
OS176 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



OS176 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)

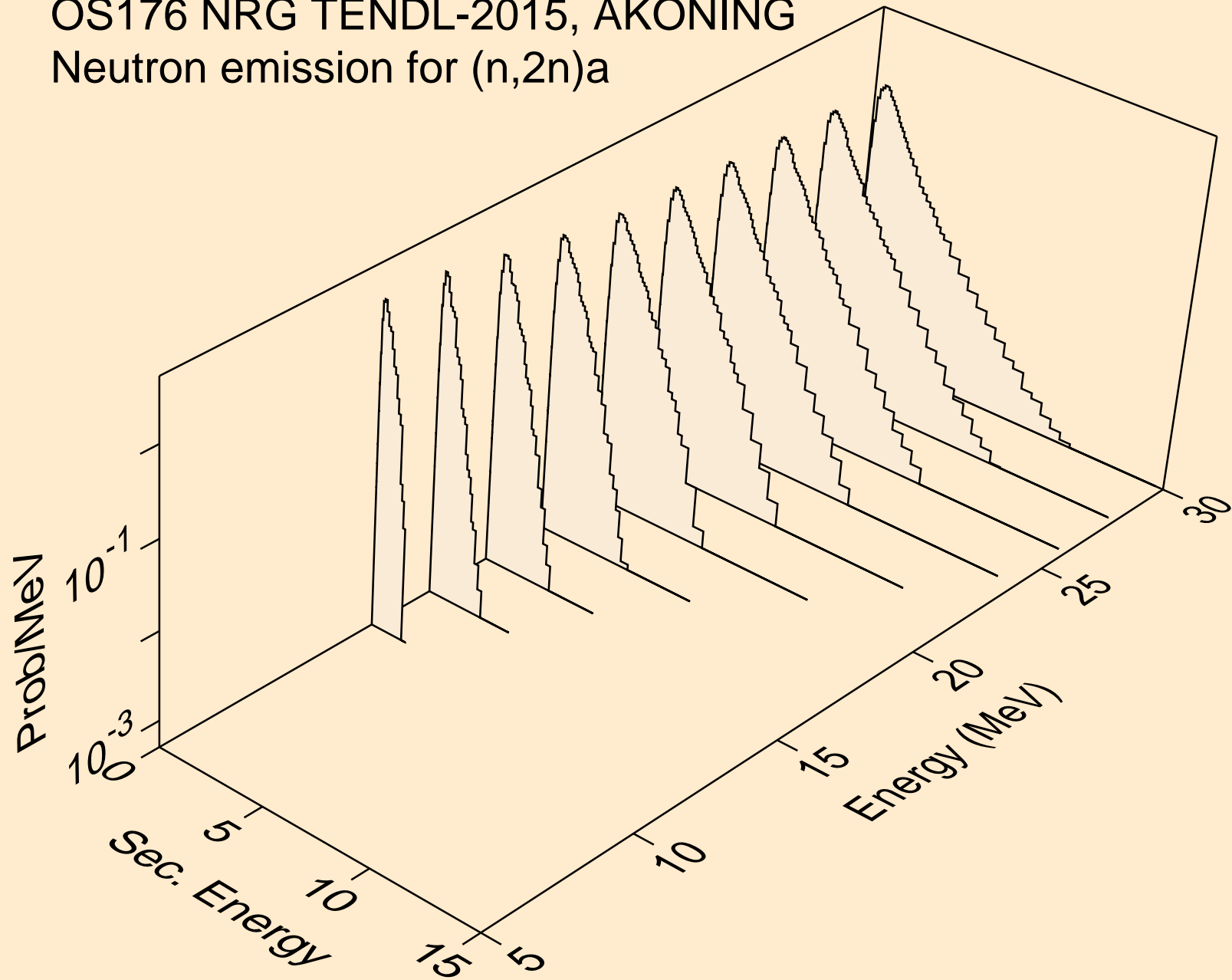


OS176 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a

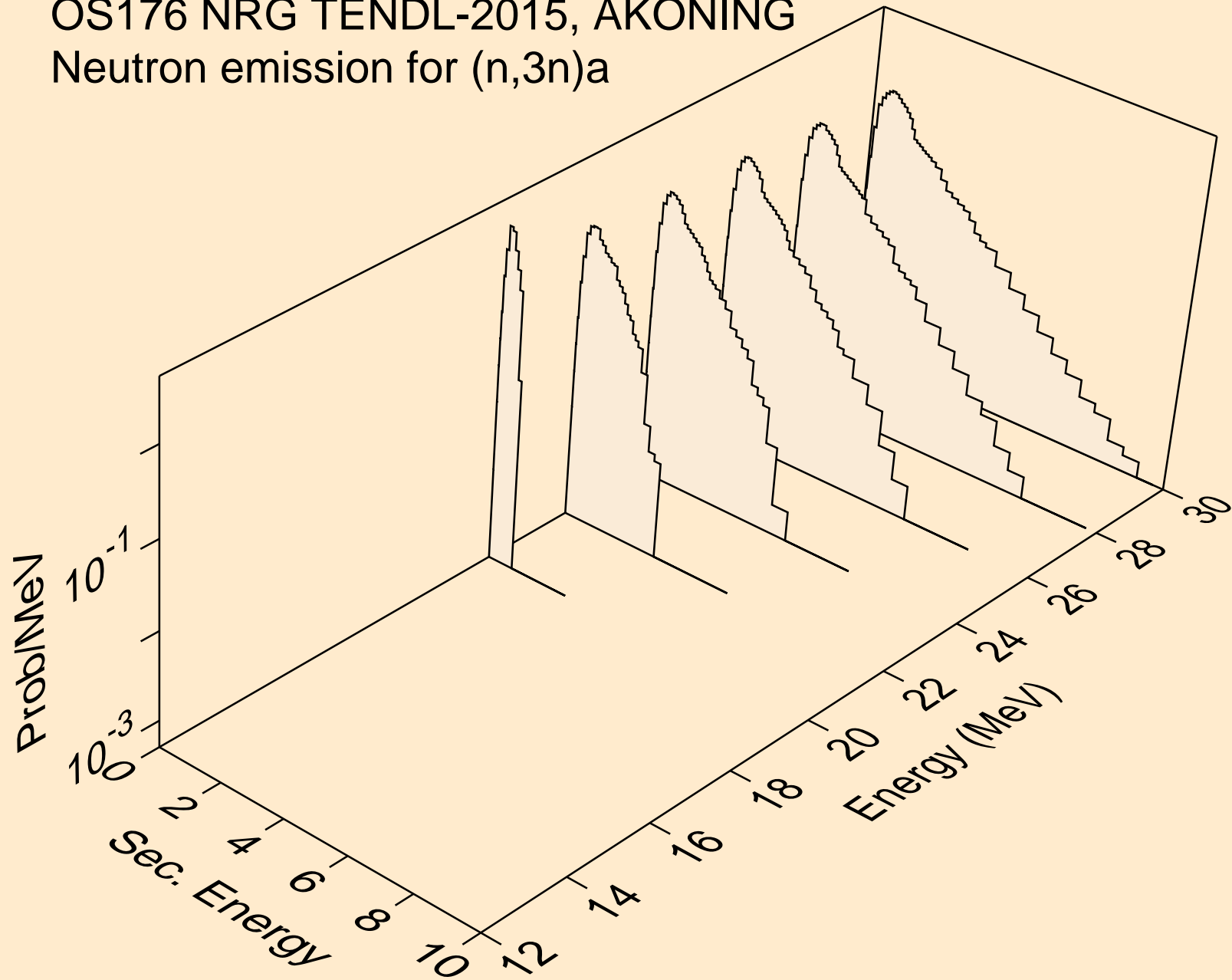




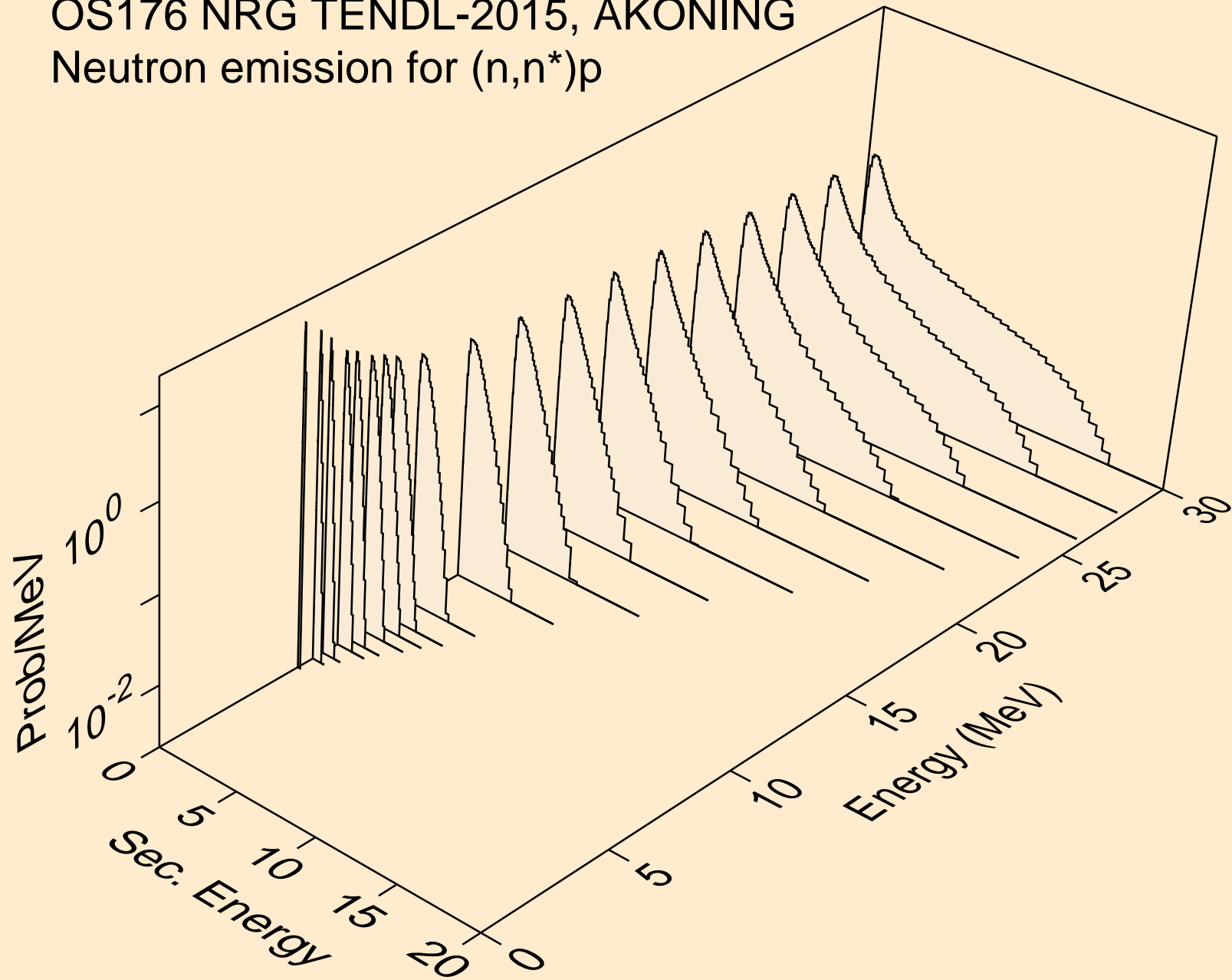
OS176 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



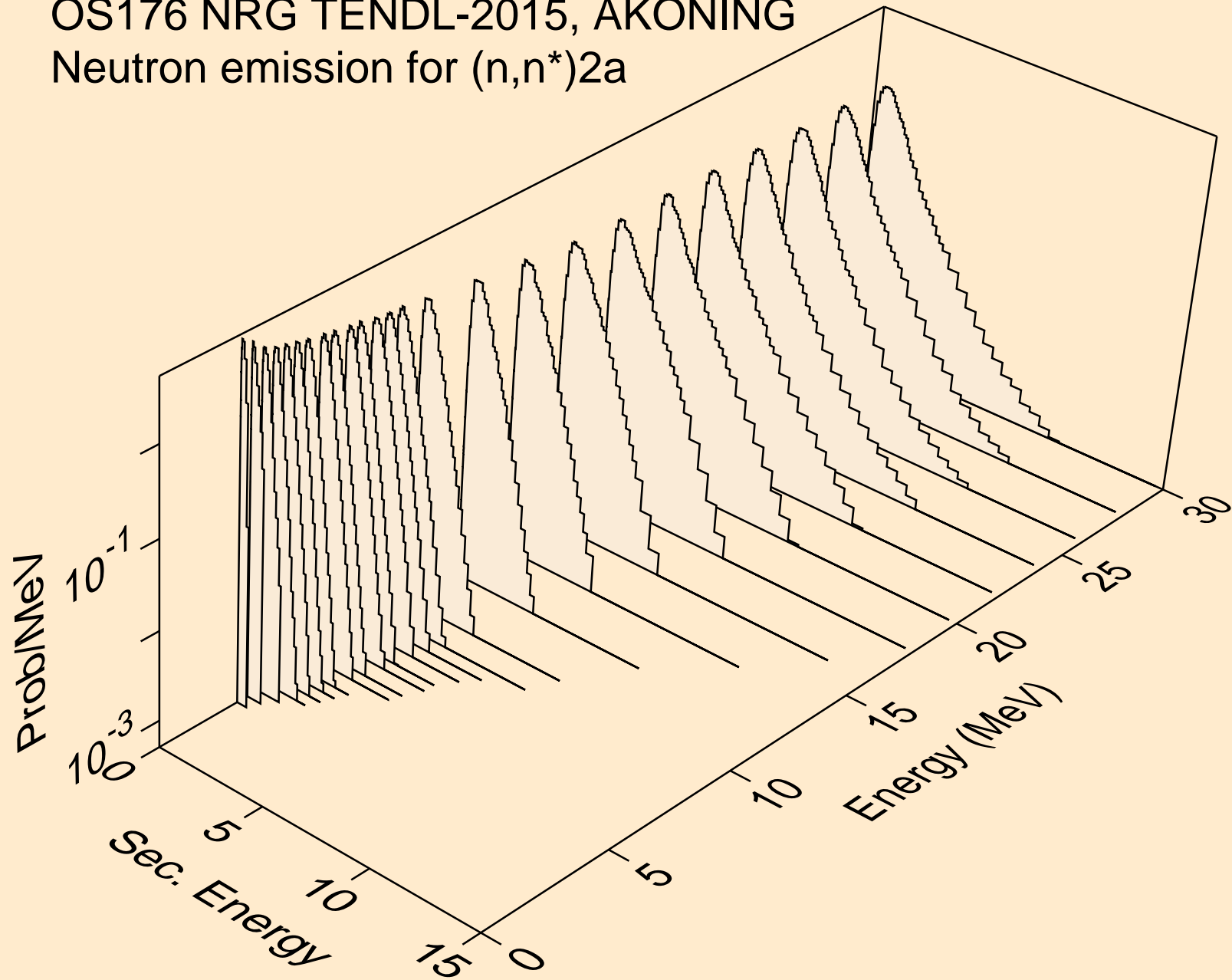
OS176 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



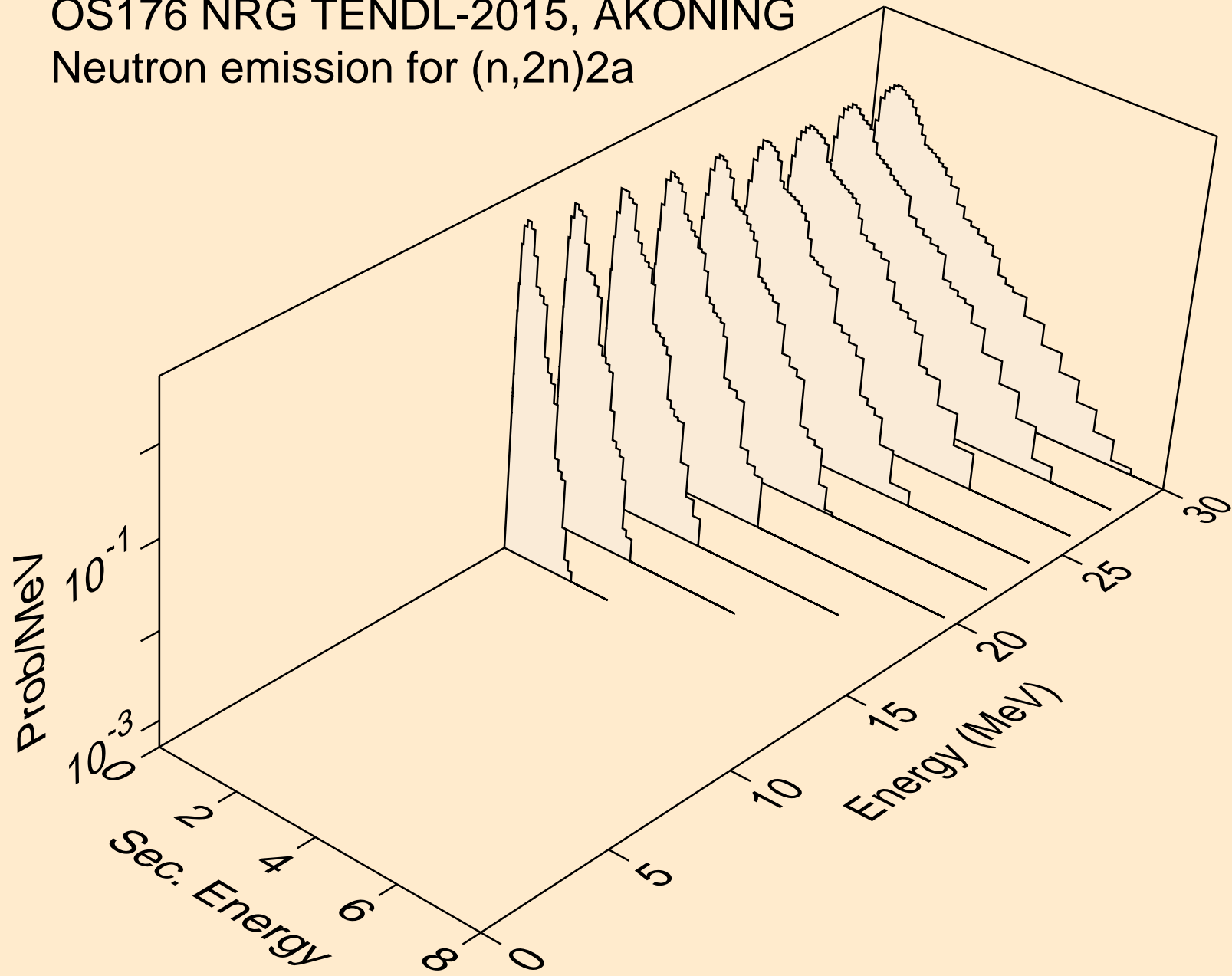
OS176 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



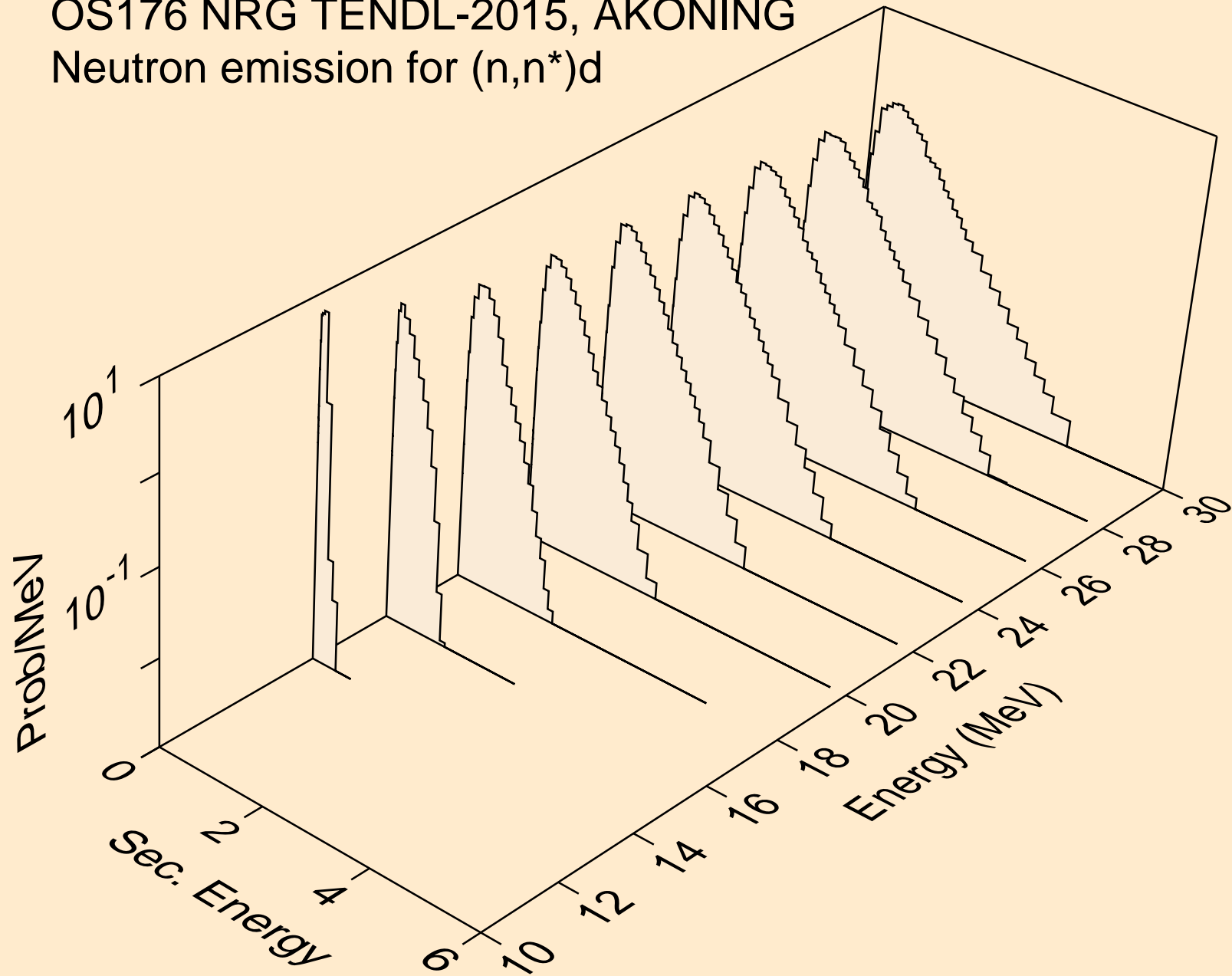
OS176 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



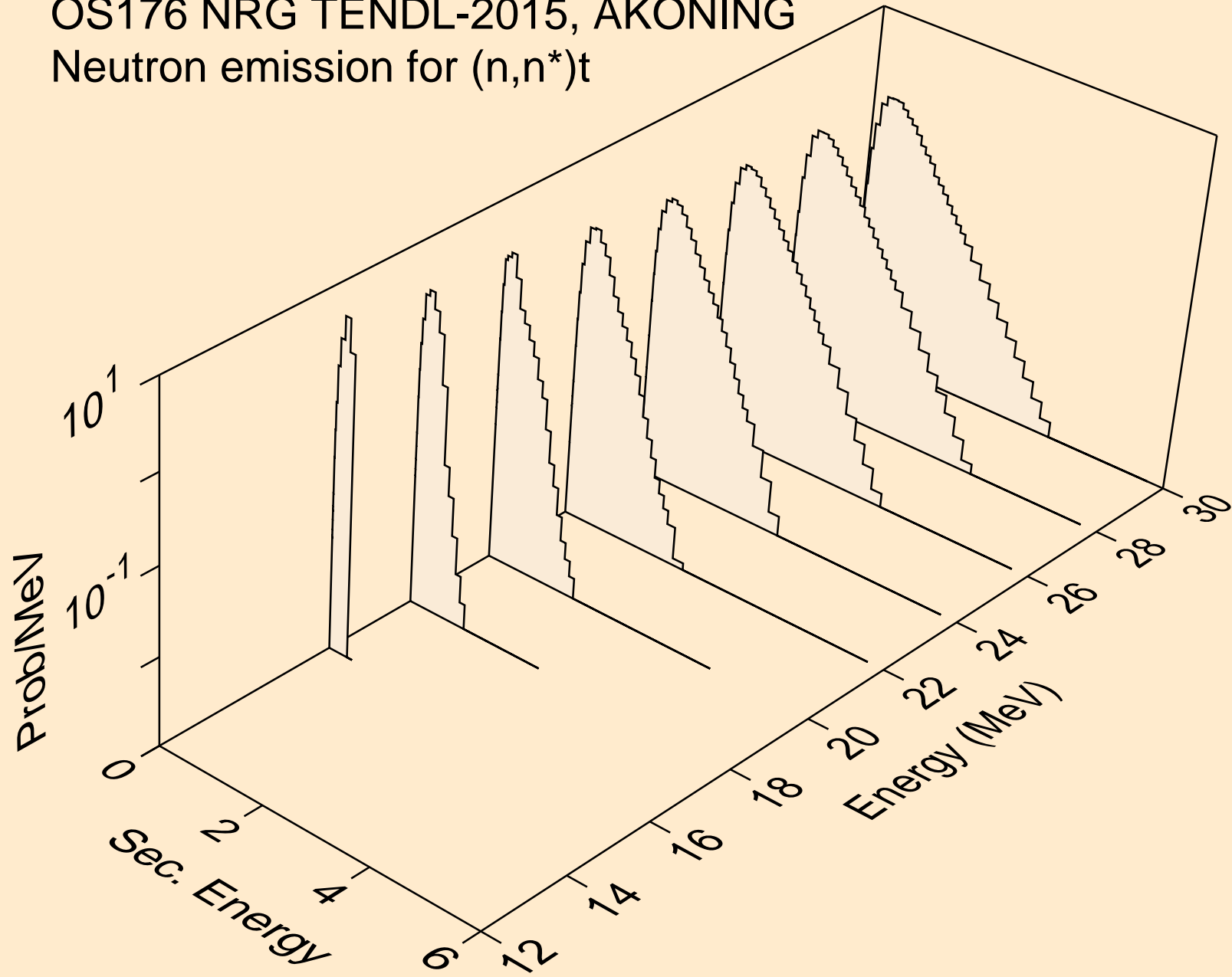
OS176 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



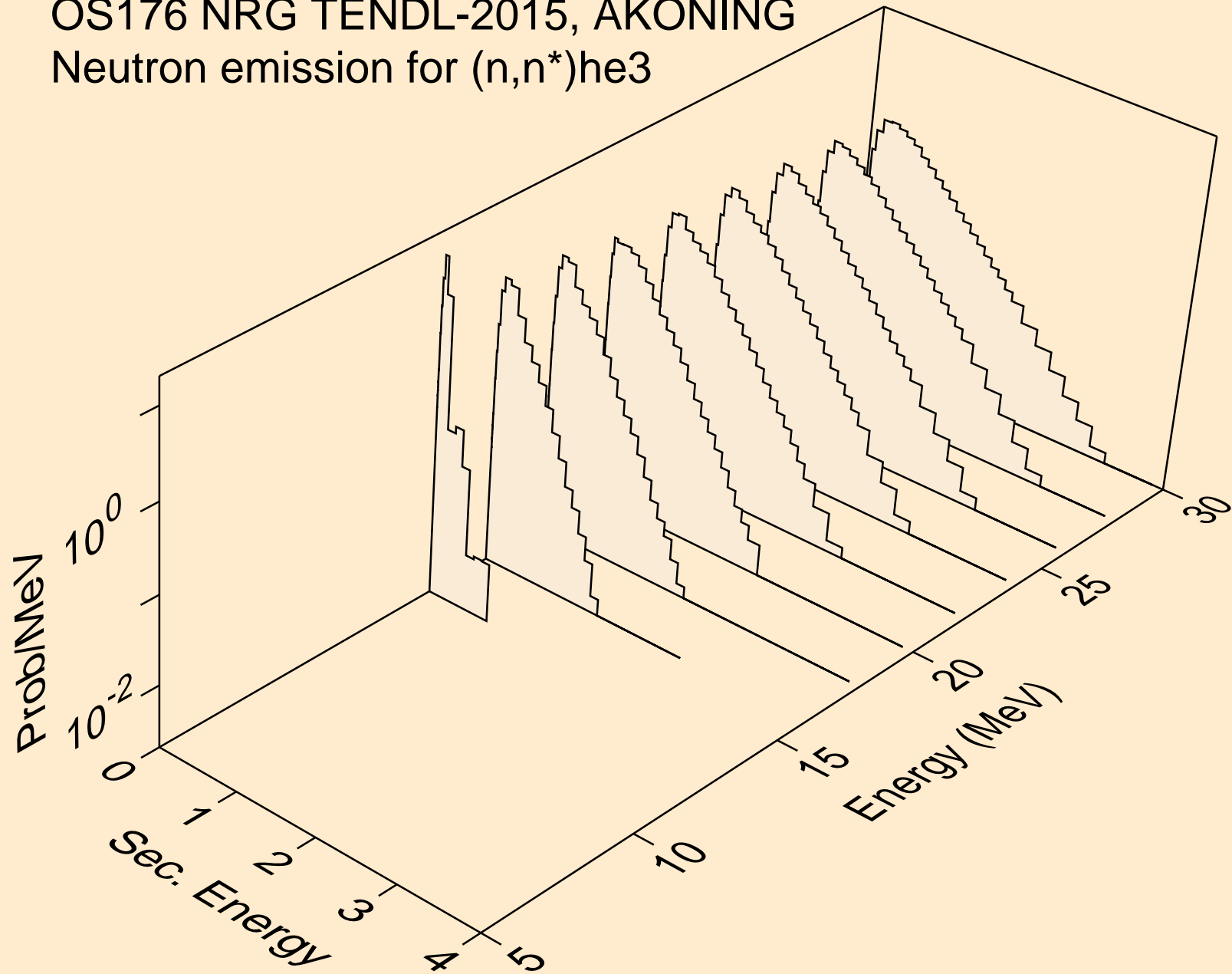
OS176 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



OS176 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

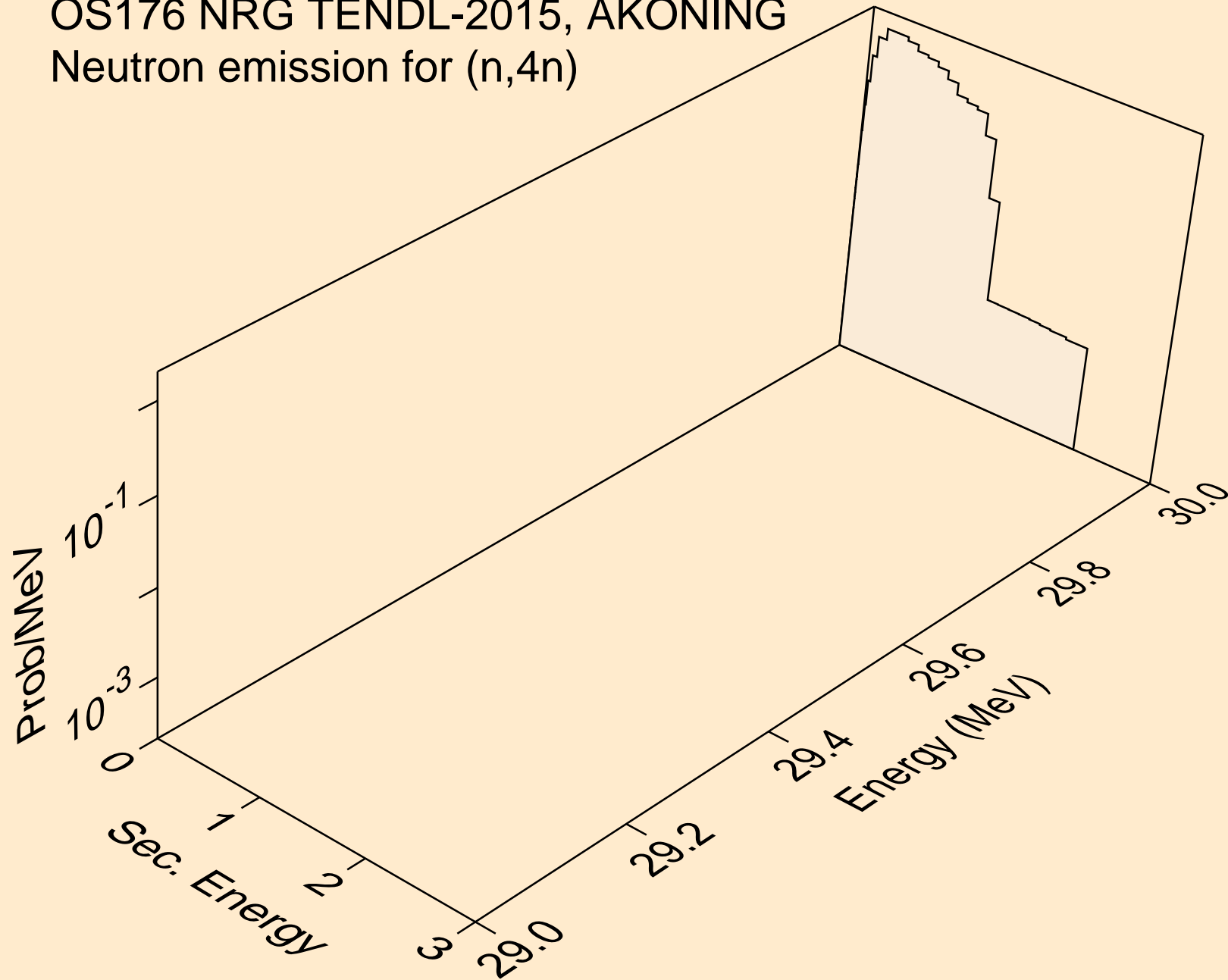


OS176 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

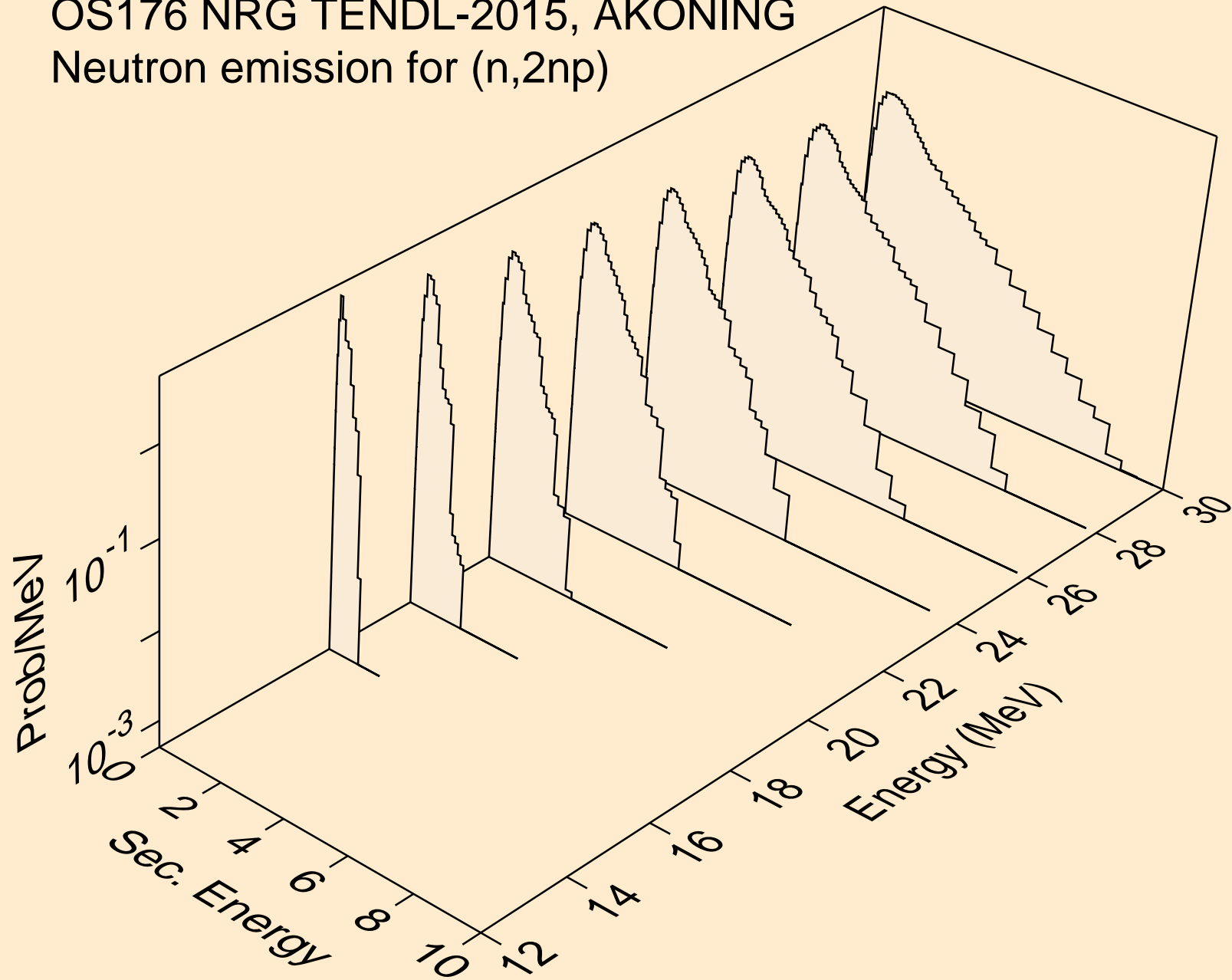




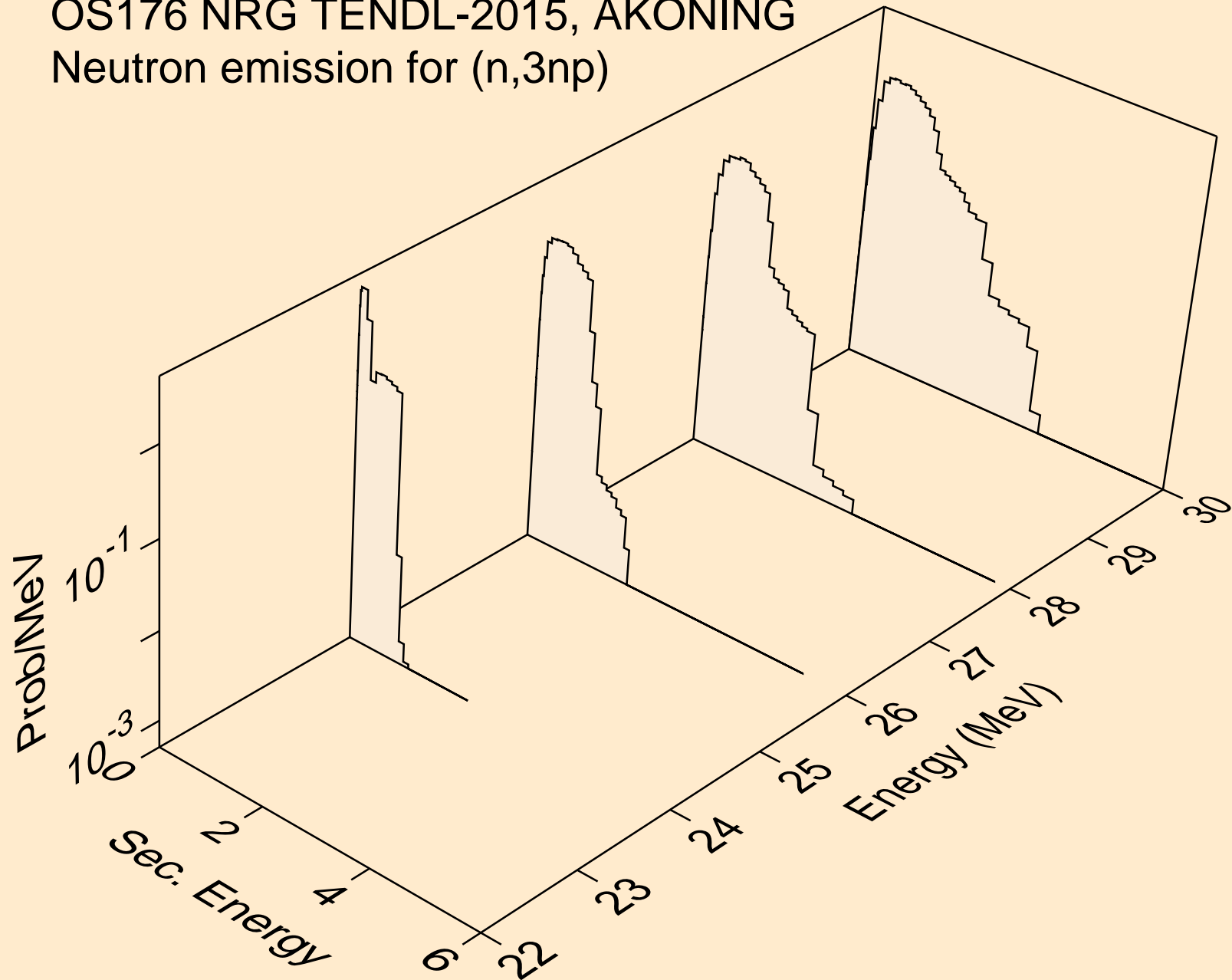
OS176 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



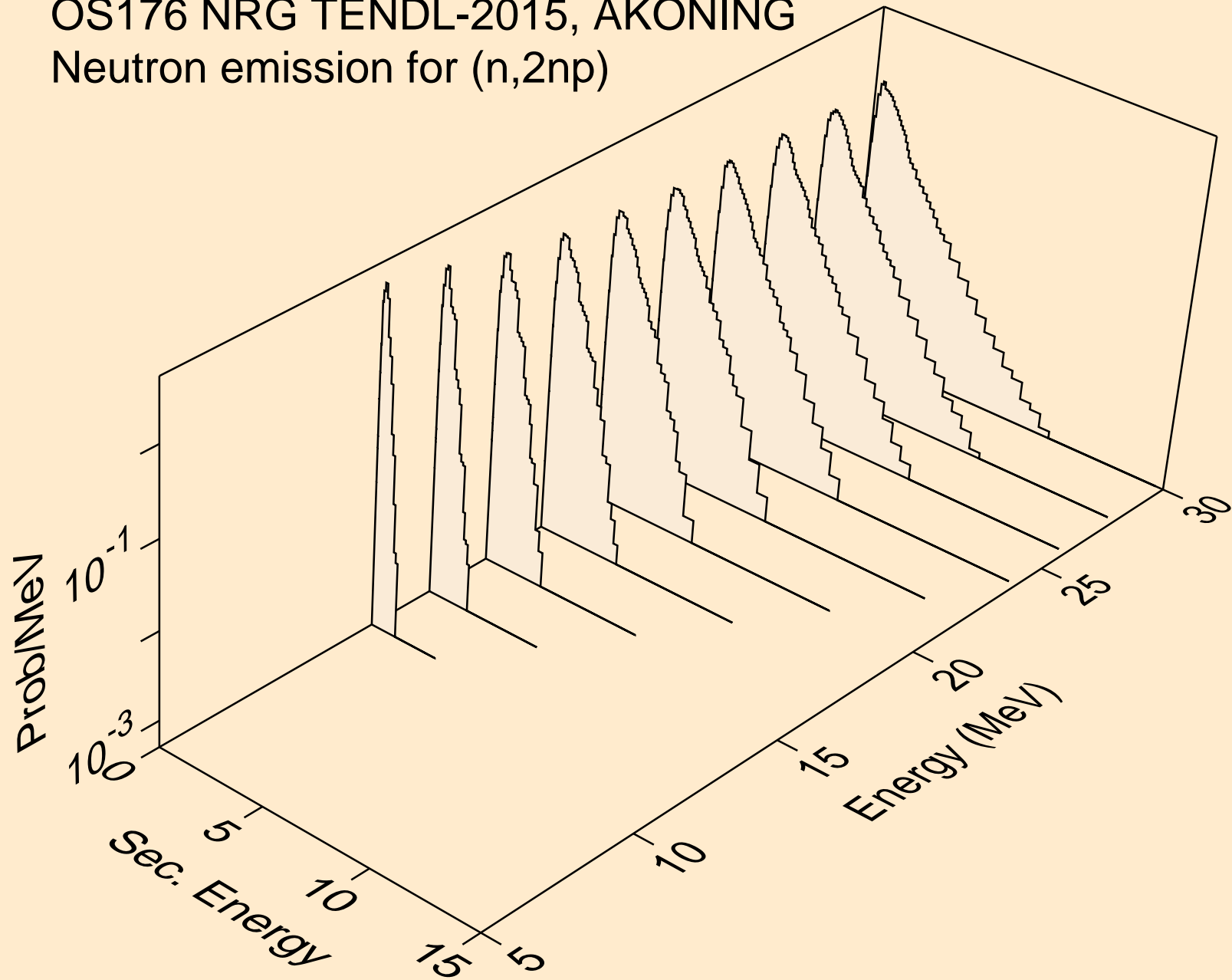
OS176 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



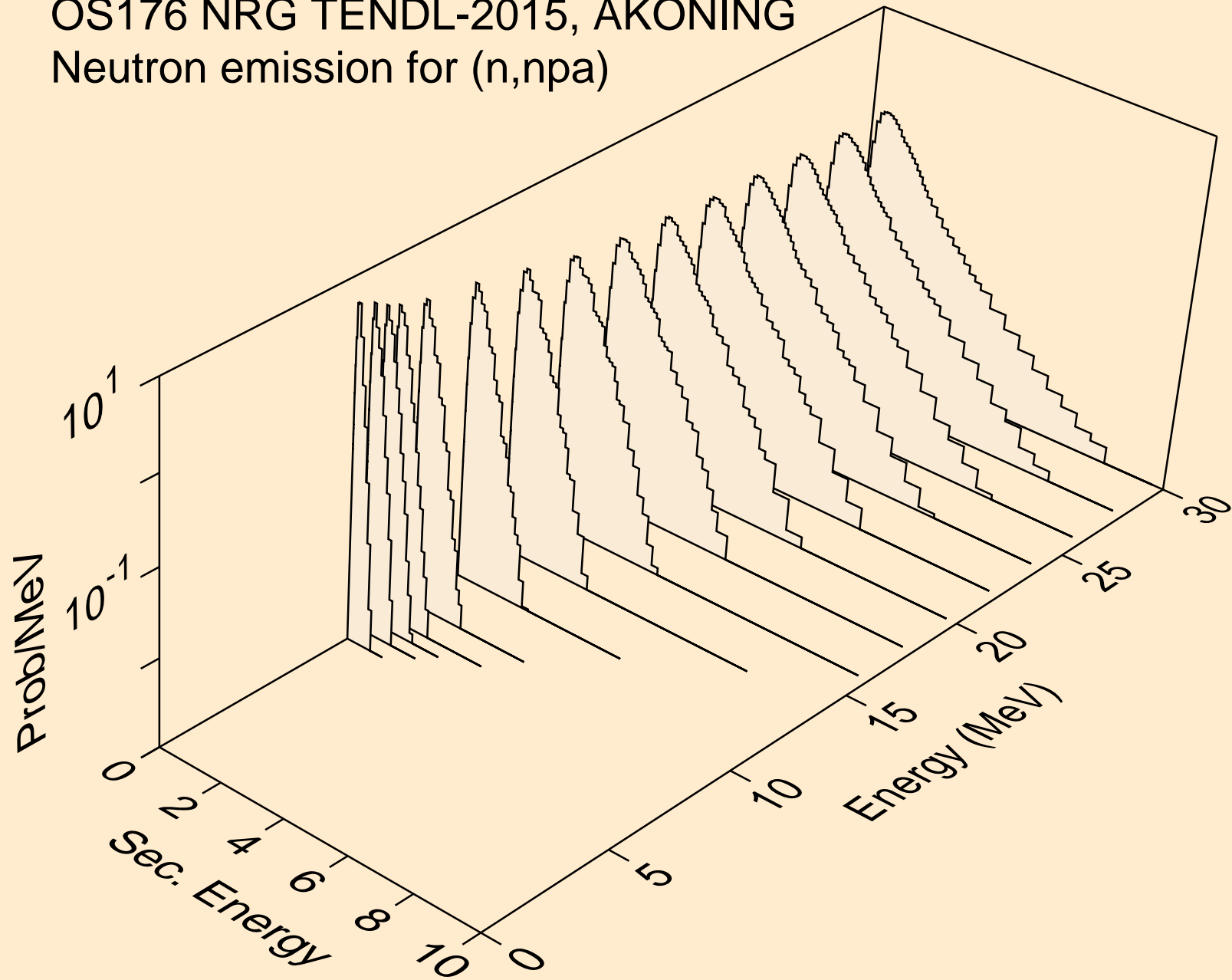
OS176 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



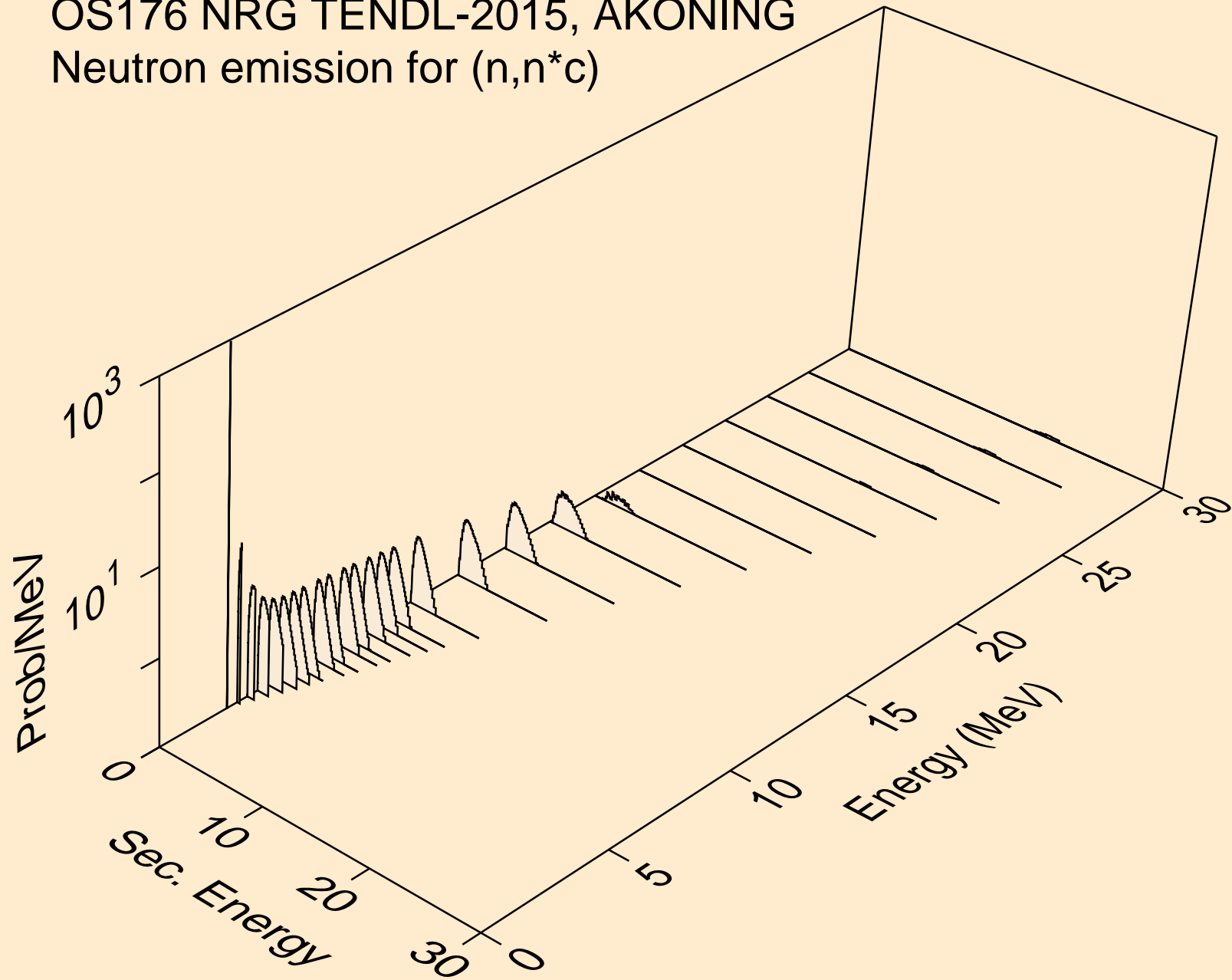
OS176 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



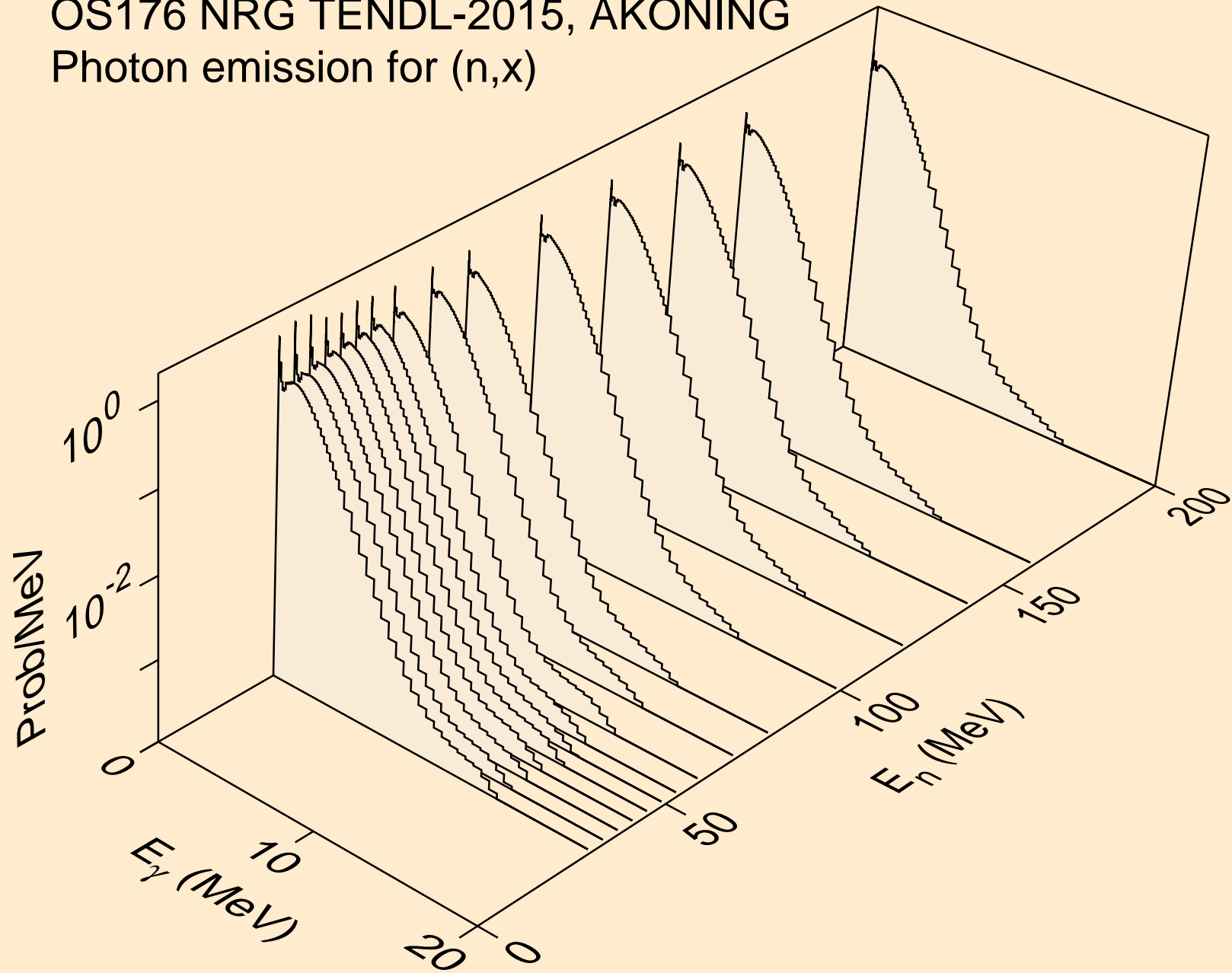
OS176 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



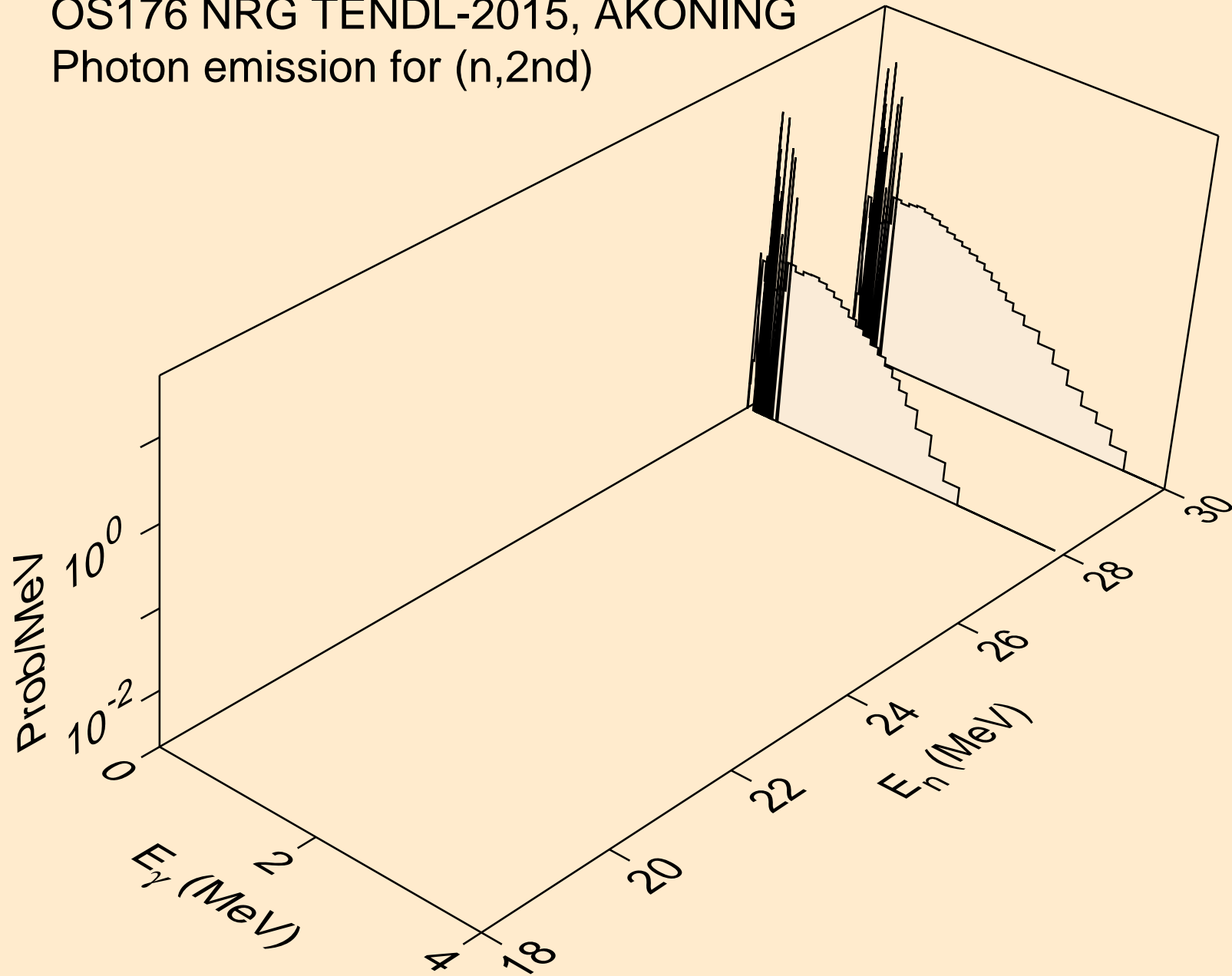
OS176 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



OS176 NRG TENDL-2015, AKONING  
Photon emission for (n,x)

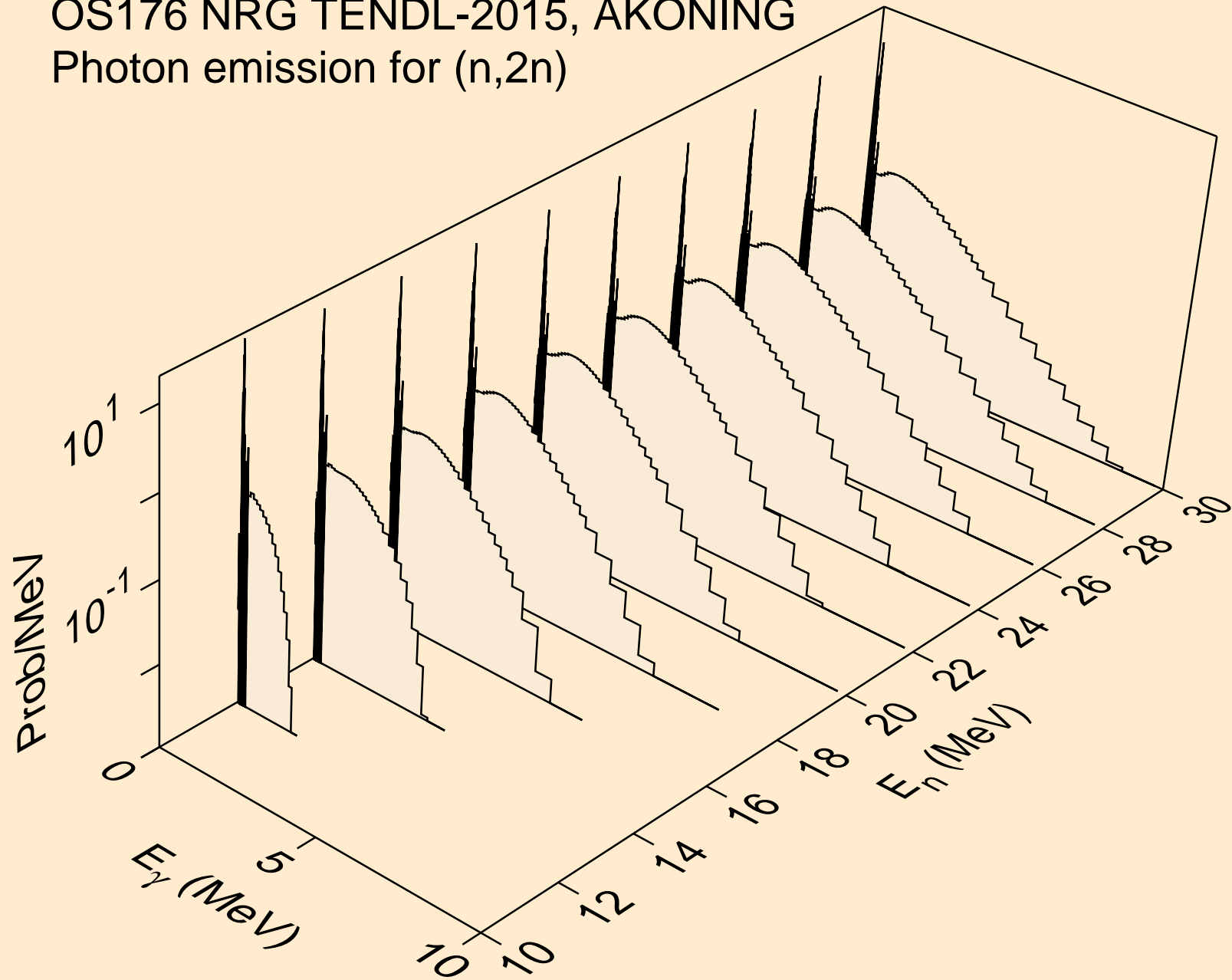


OS176 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

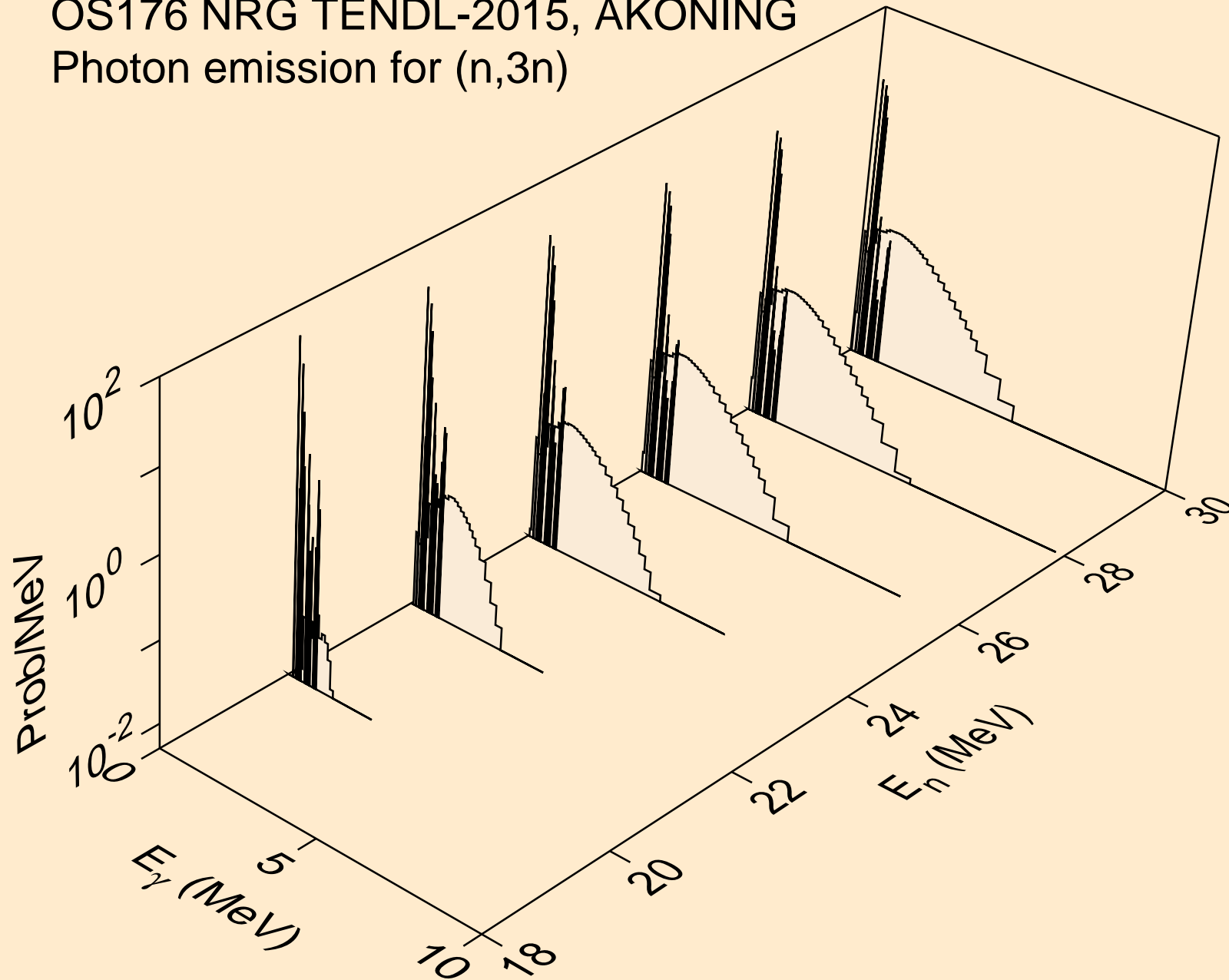




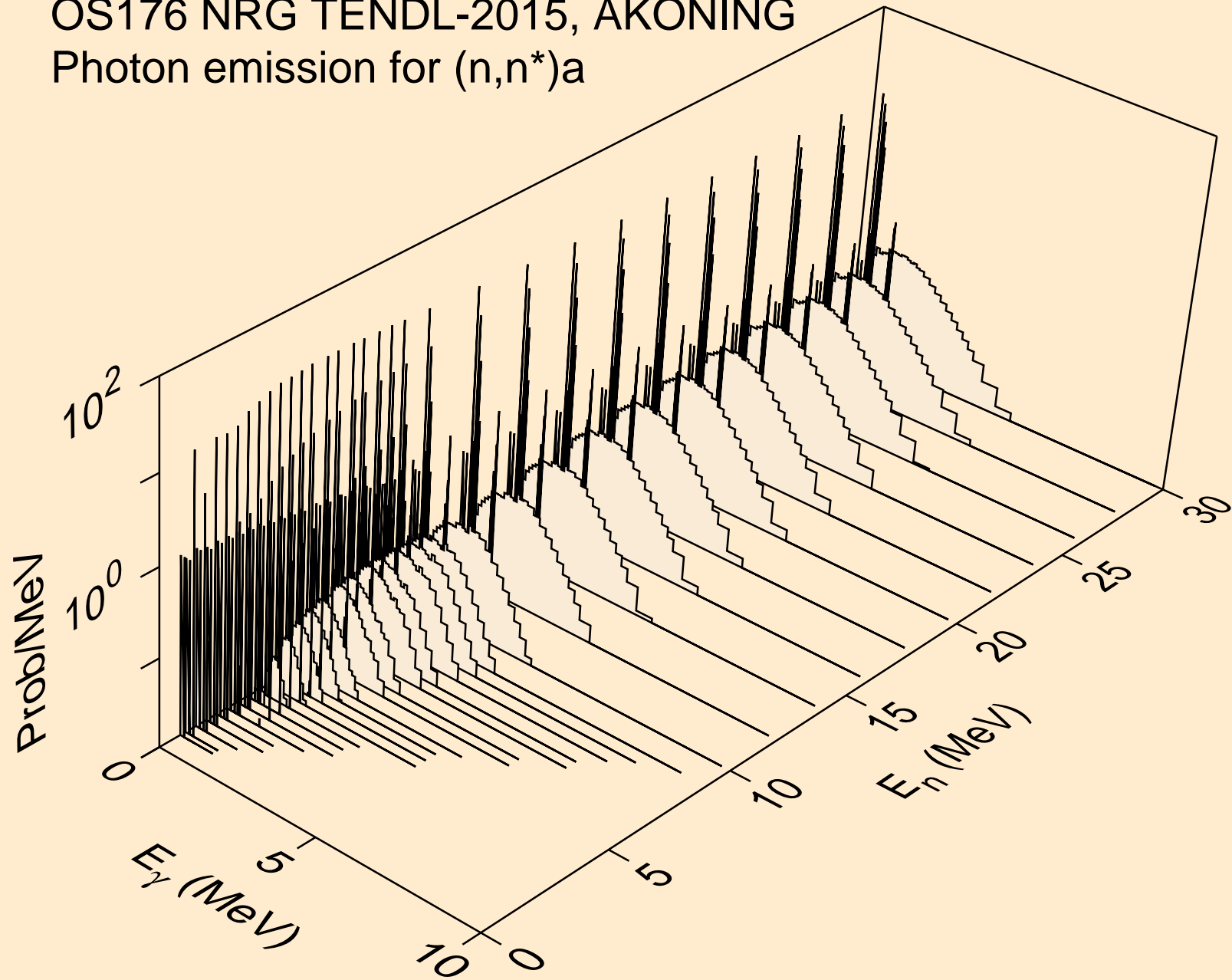
OS176 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



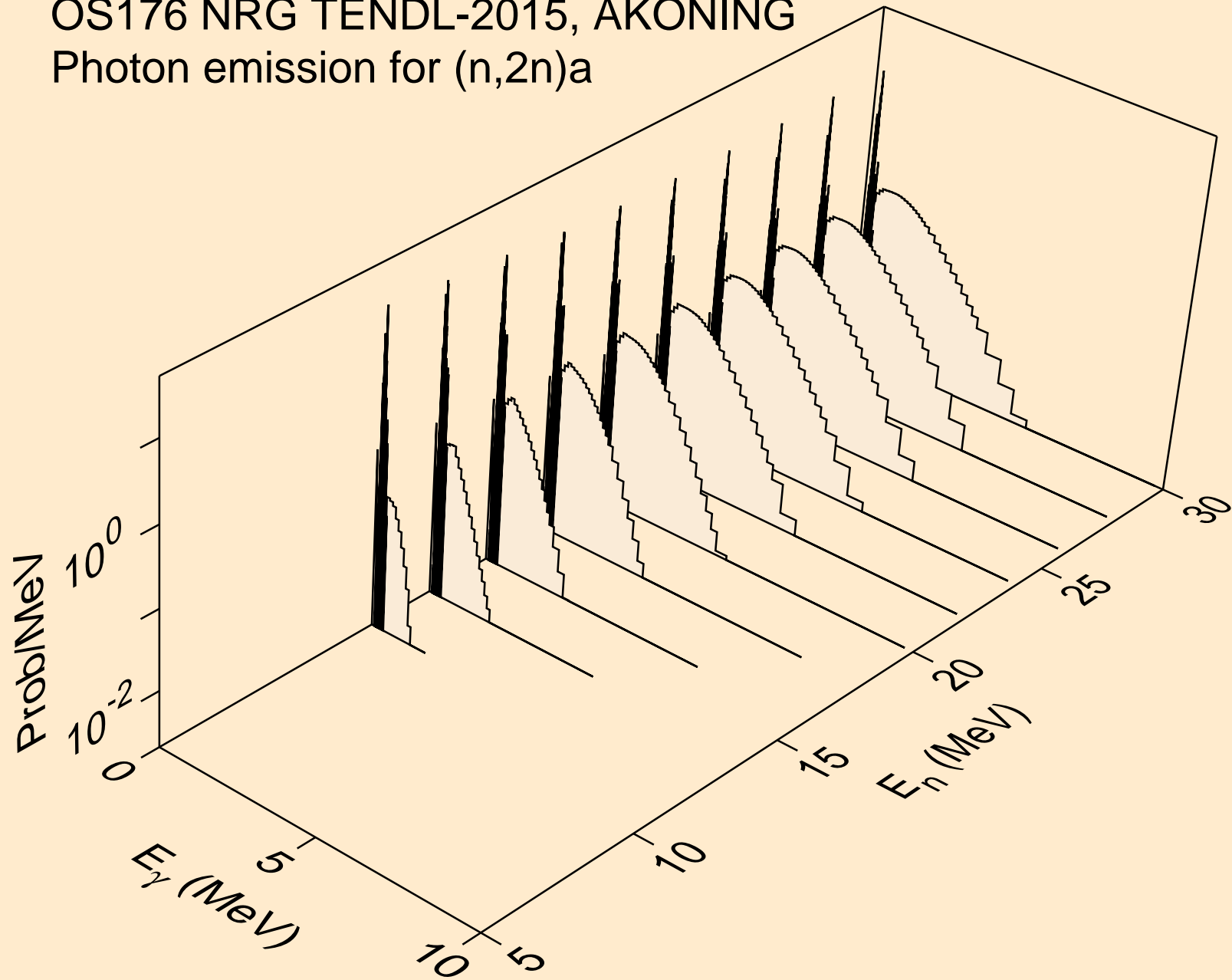
OS176 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



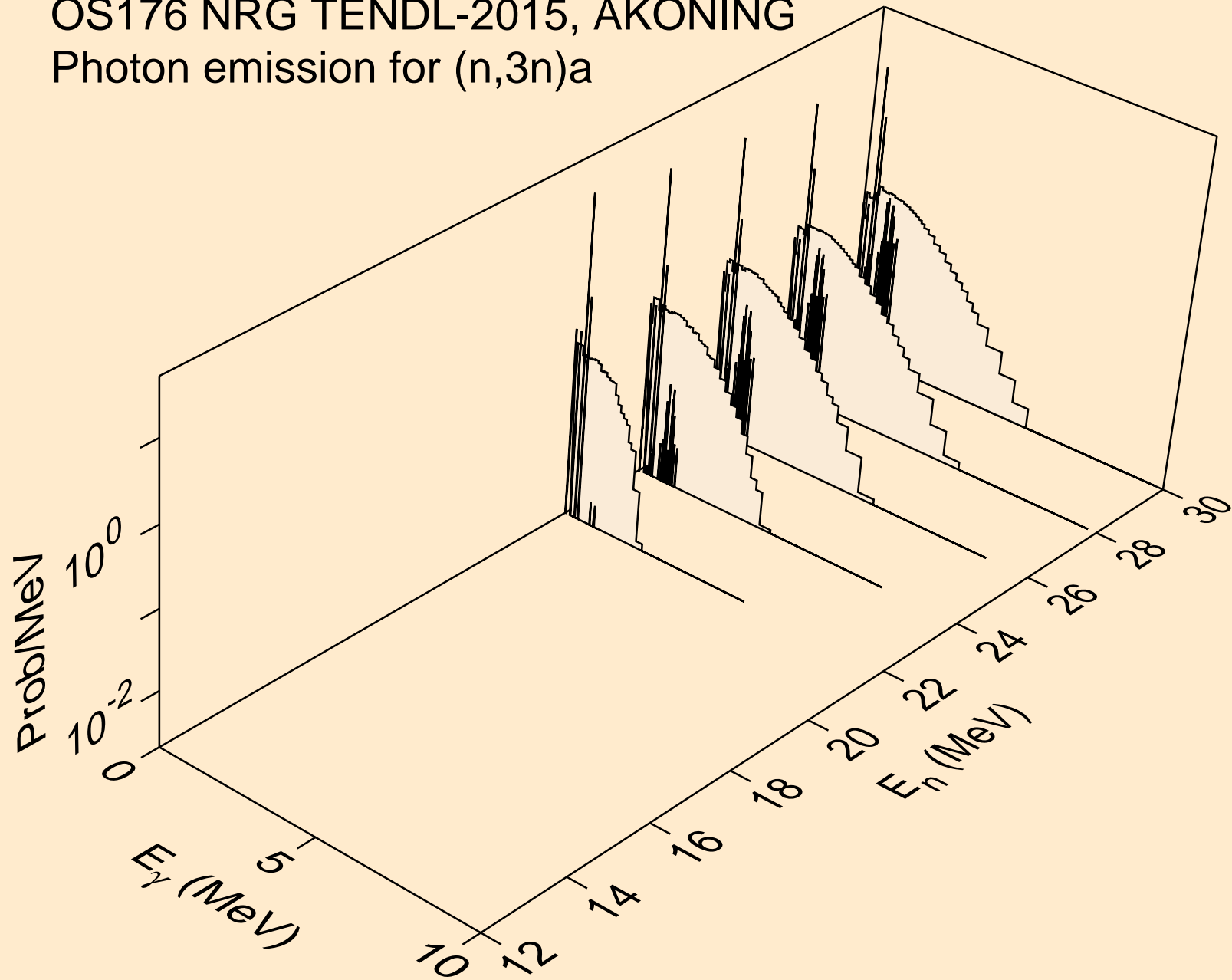
OS176 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



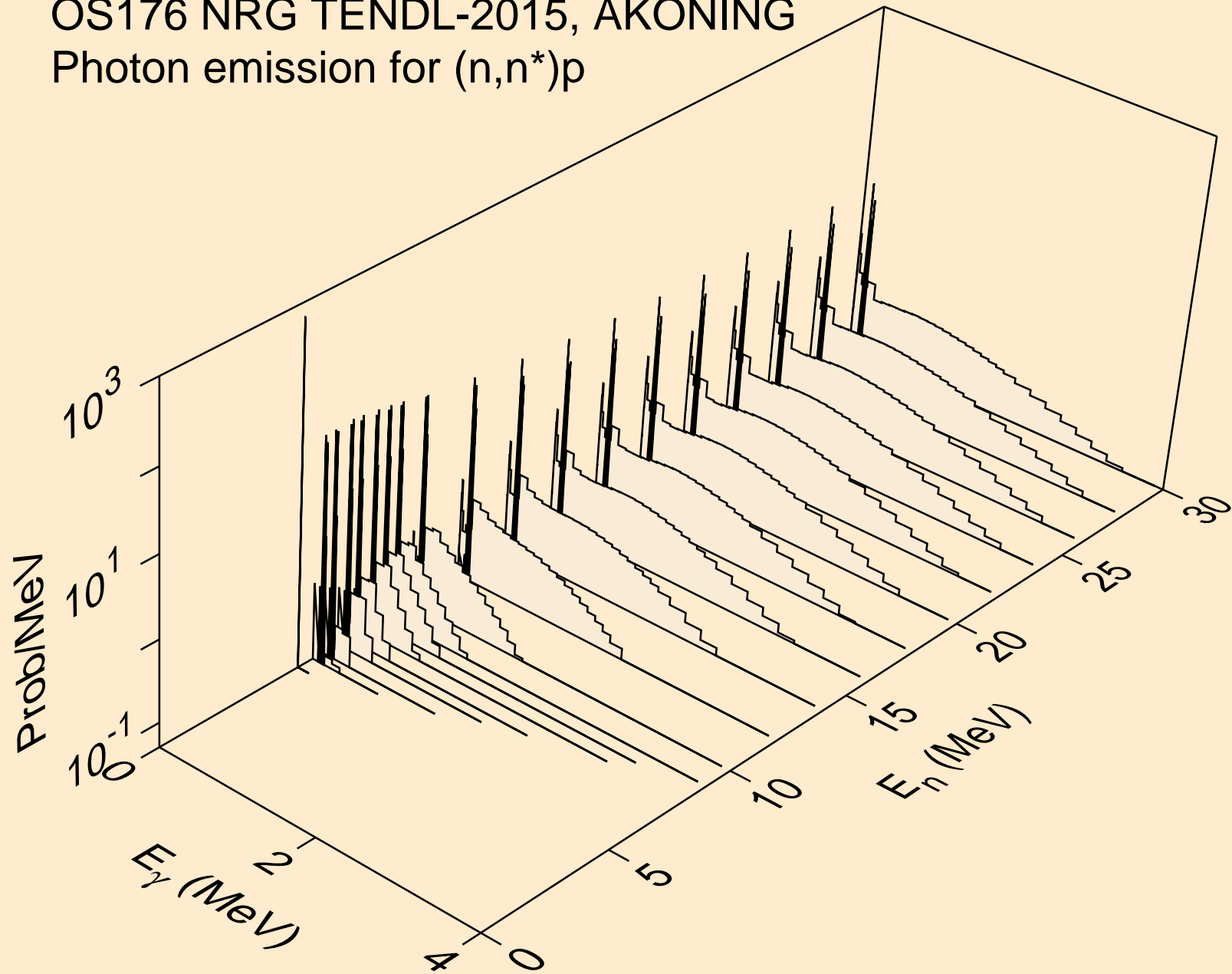
OS176 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



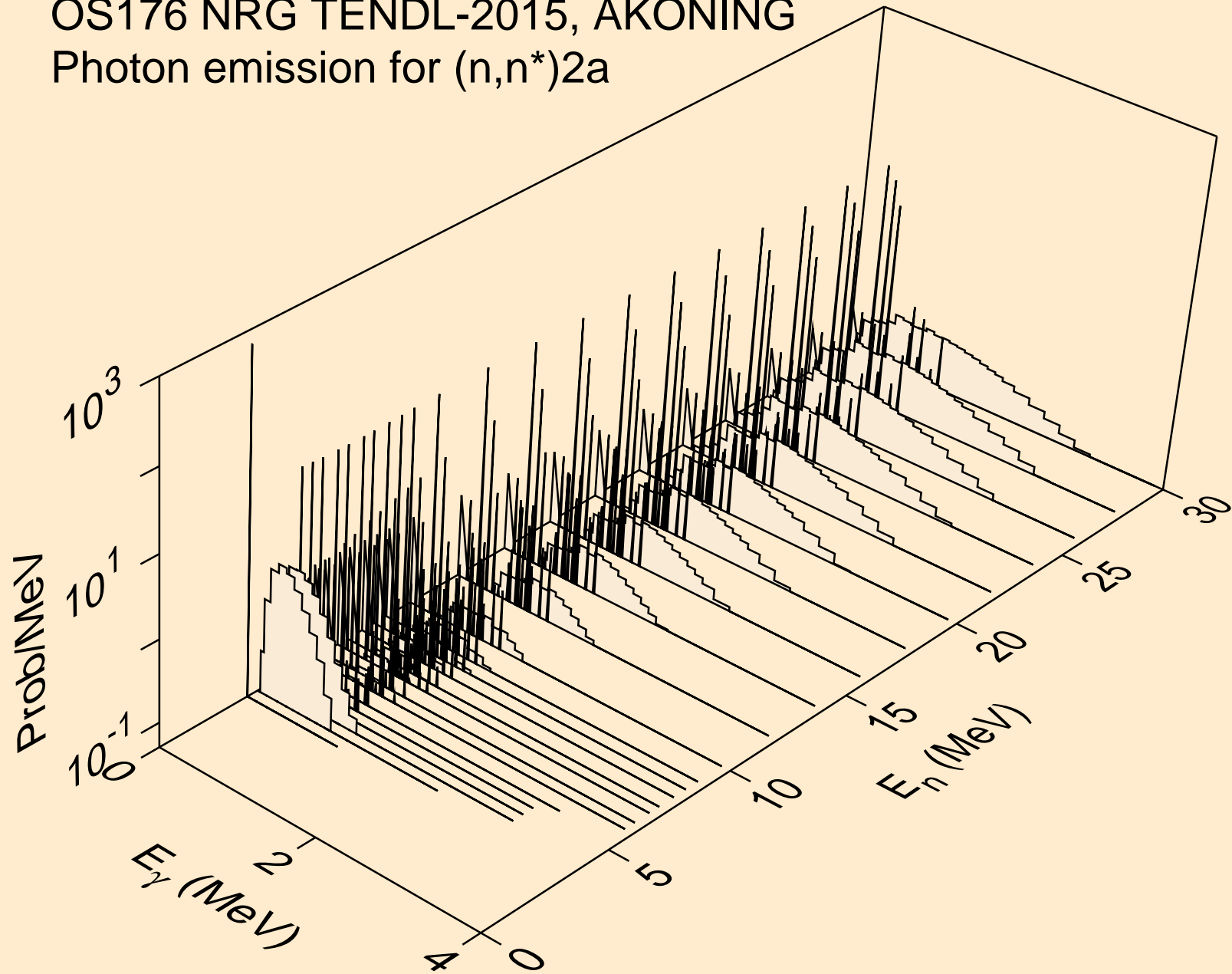
OS176 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



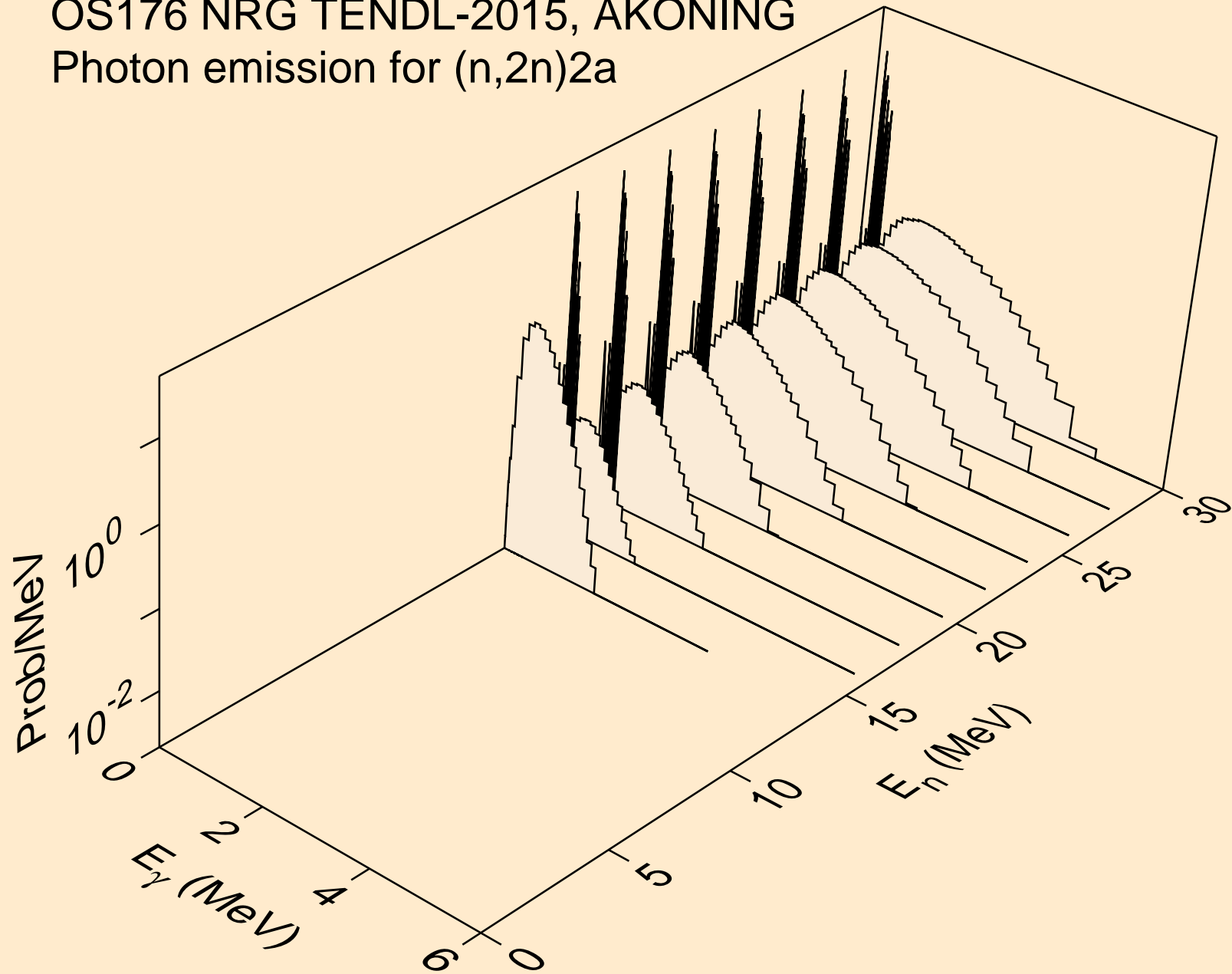
OS176 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



OS176 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a

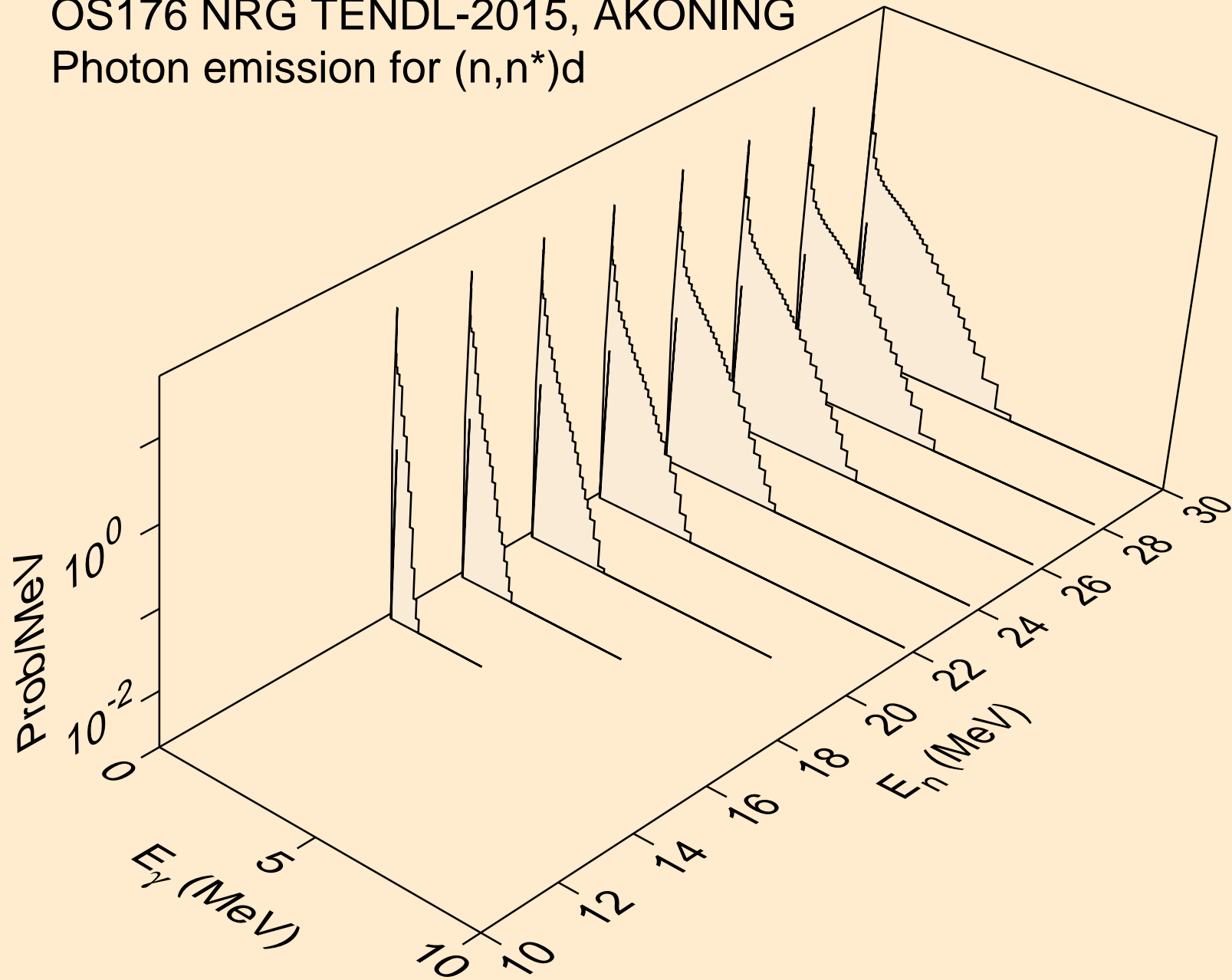


OS176 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a

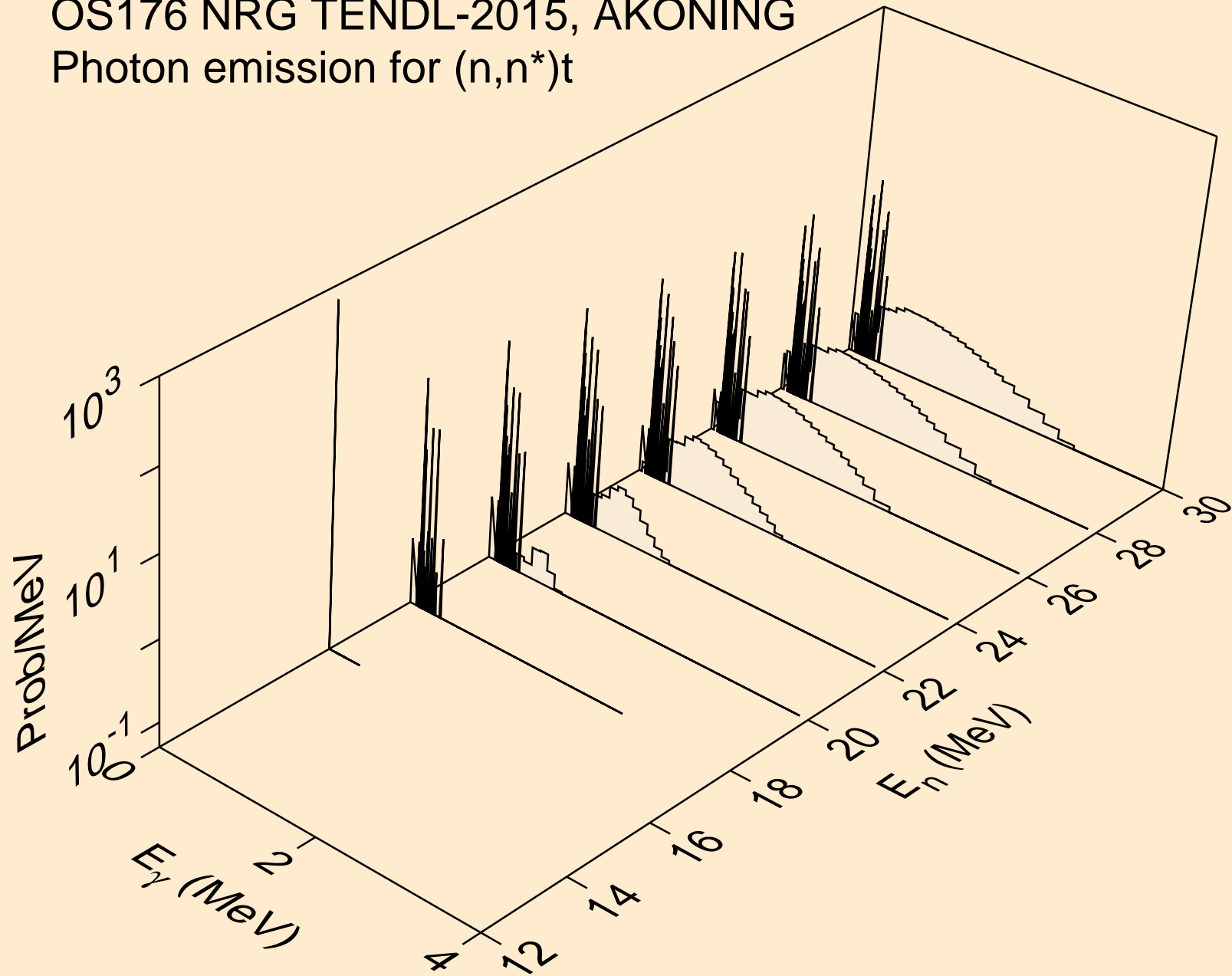




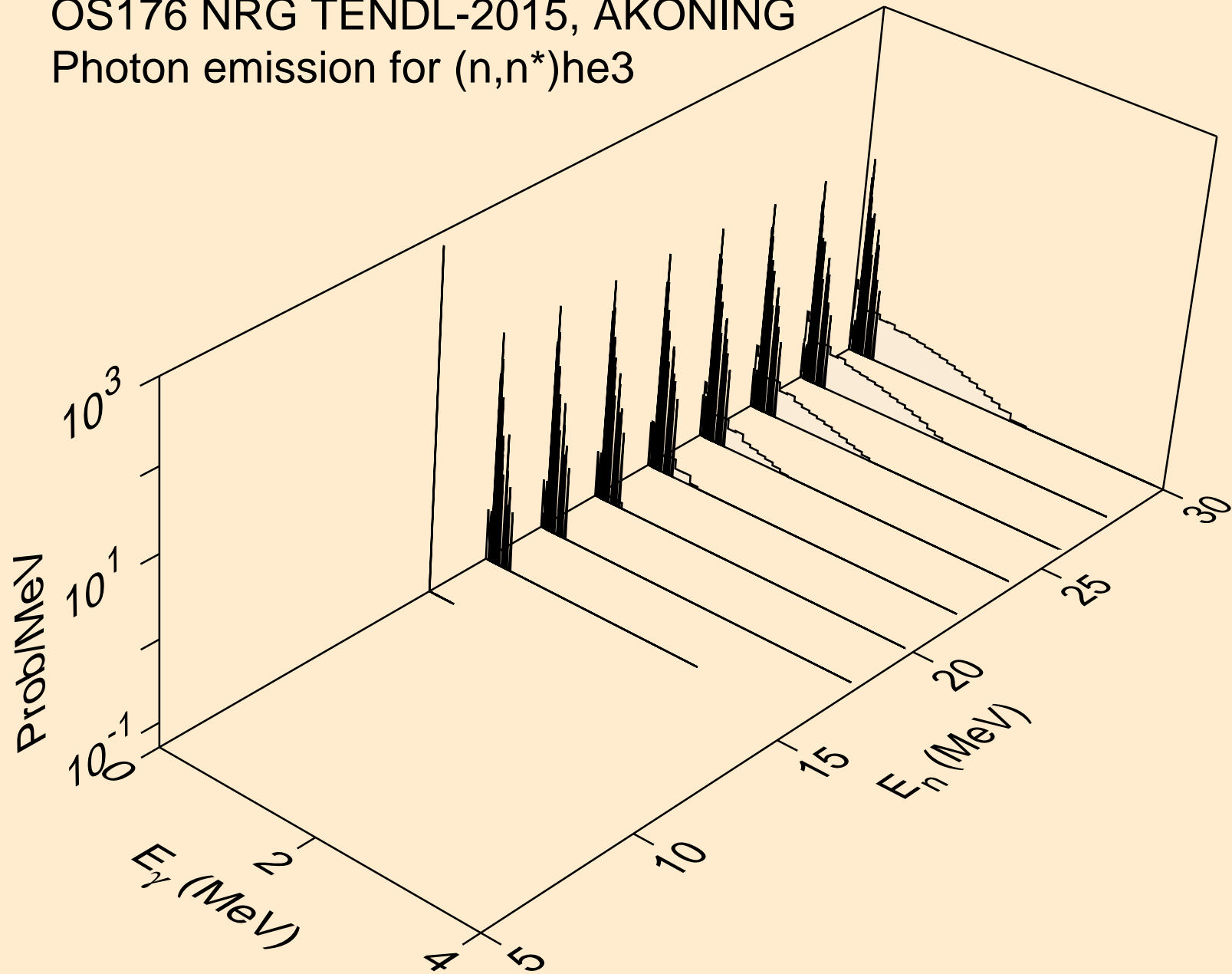
OS176 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



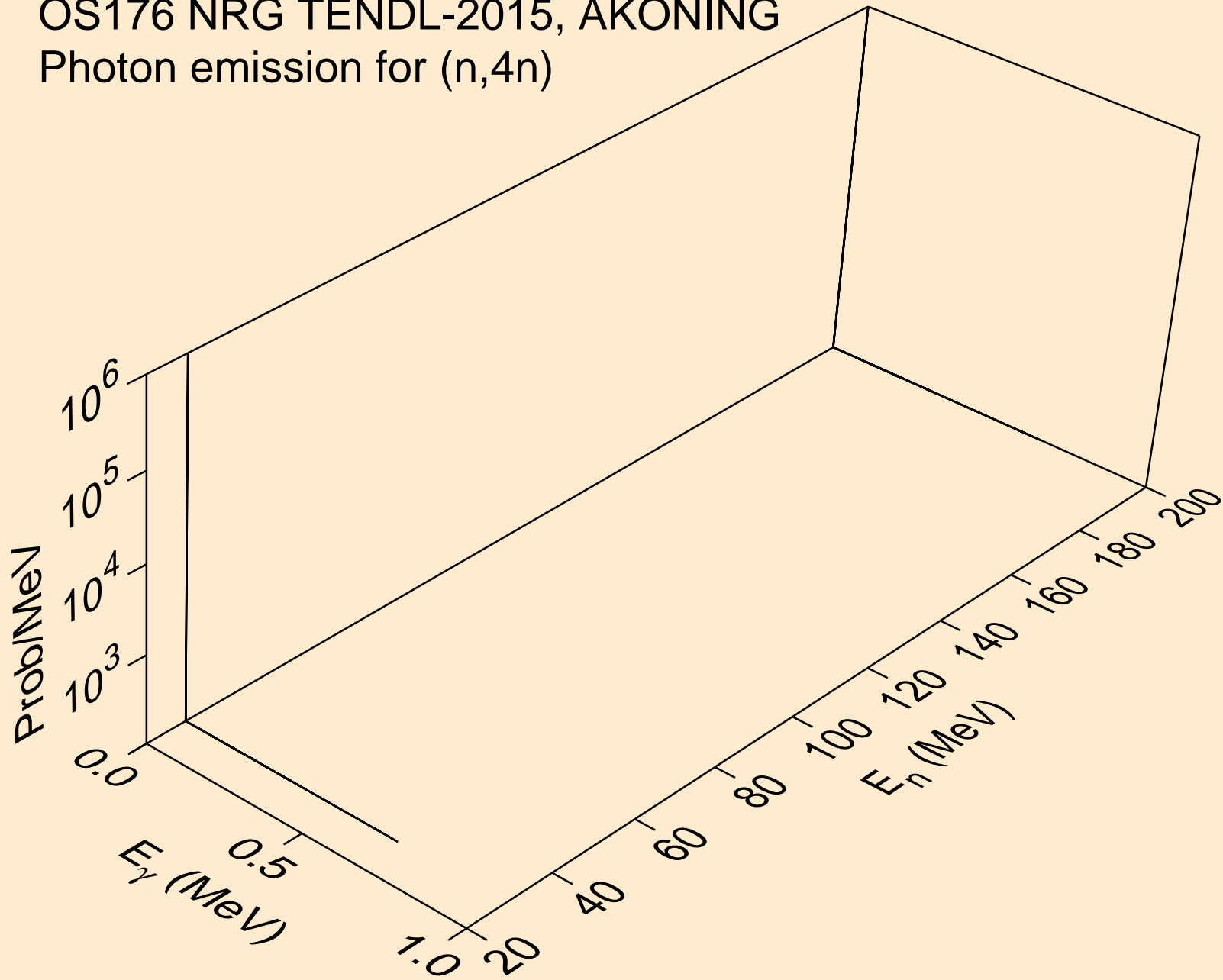
OS176 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



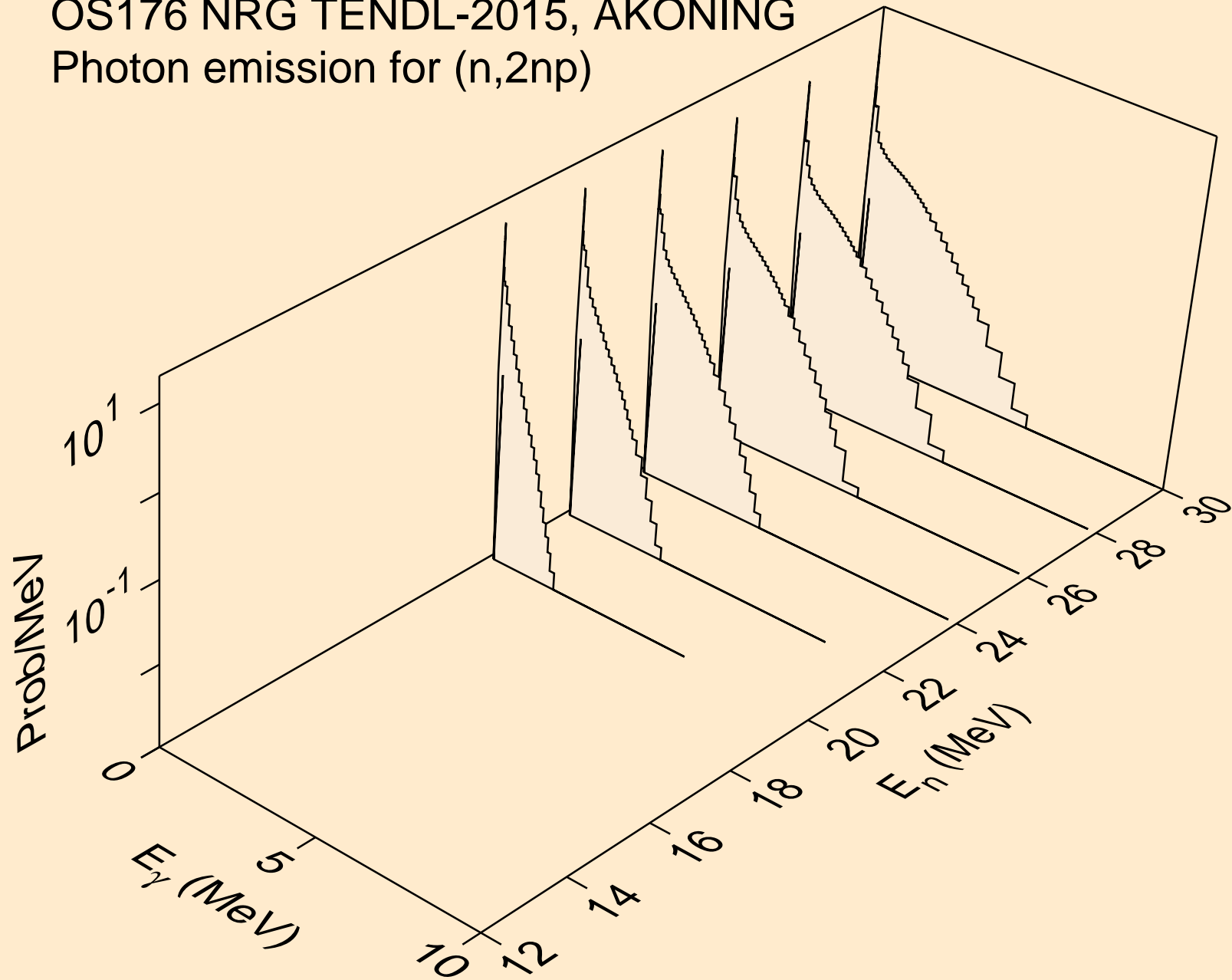
OS176 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



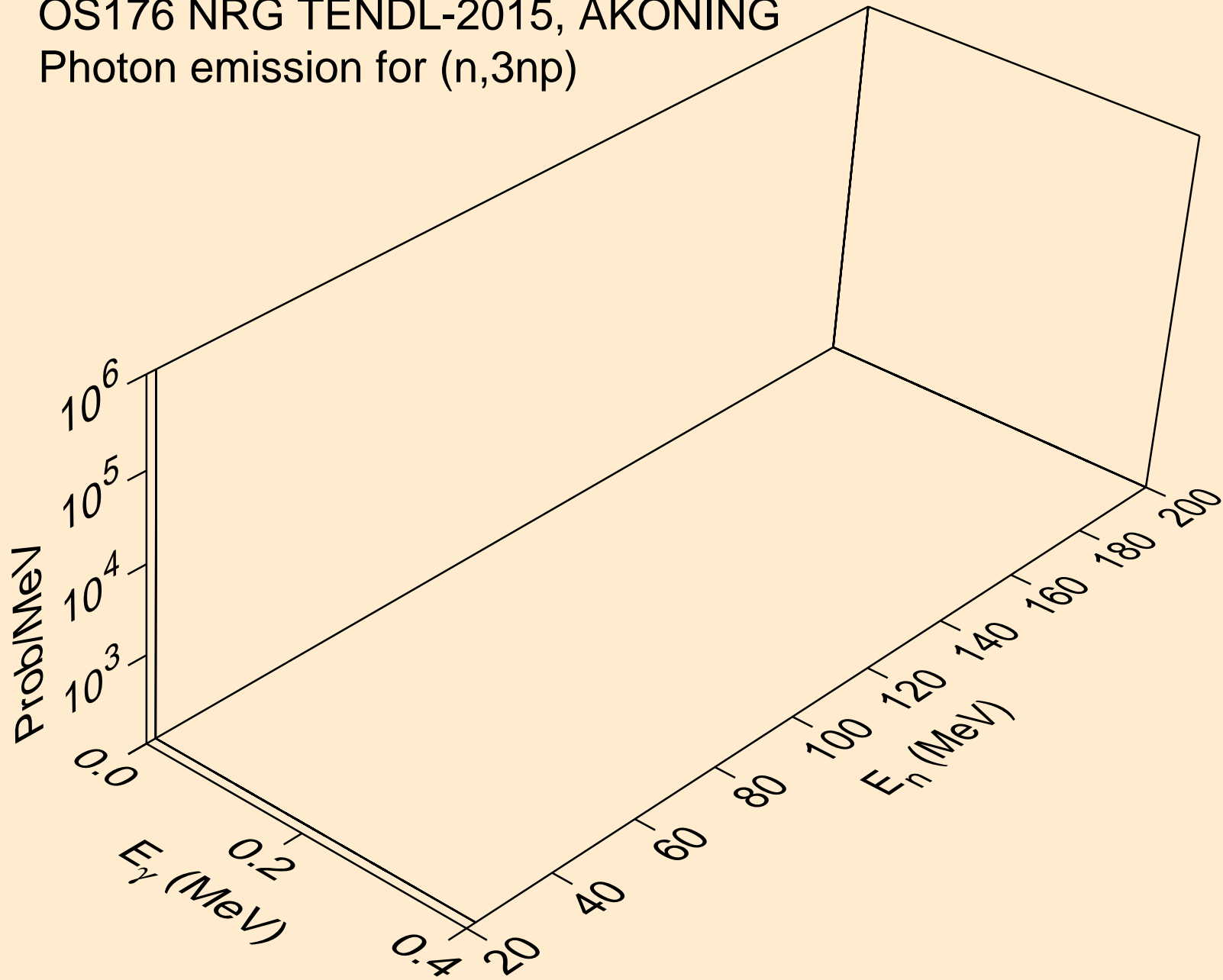
OS176 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



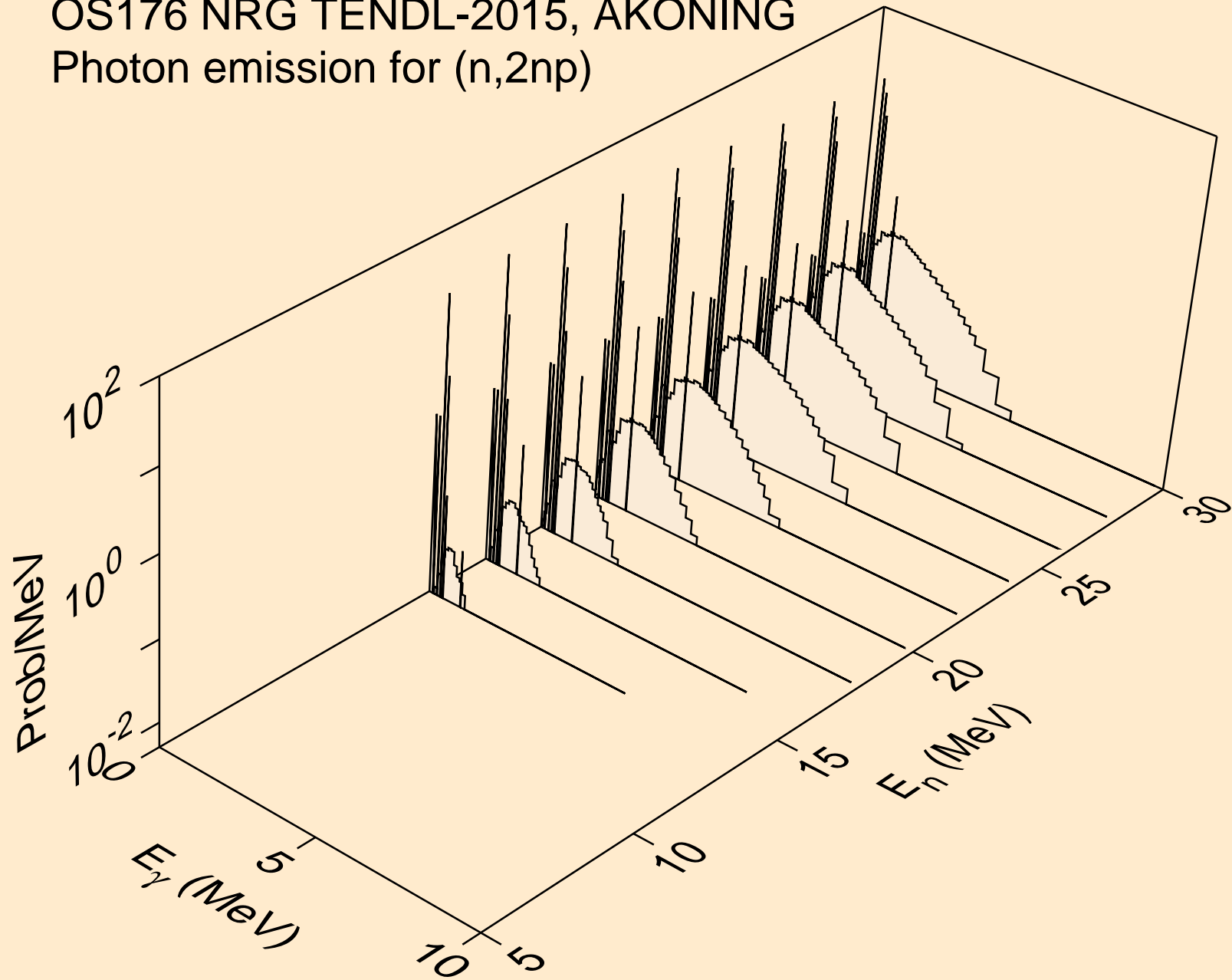
OS176 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



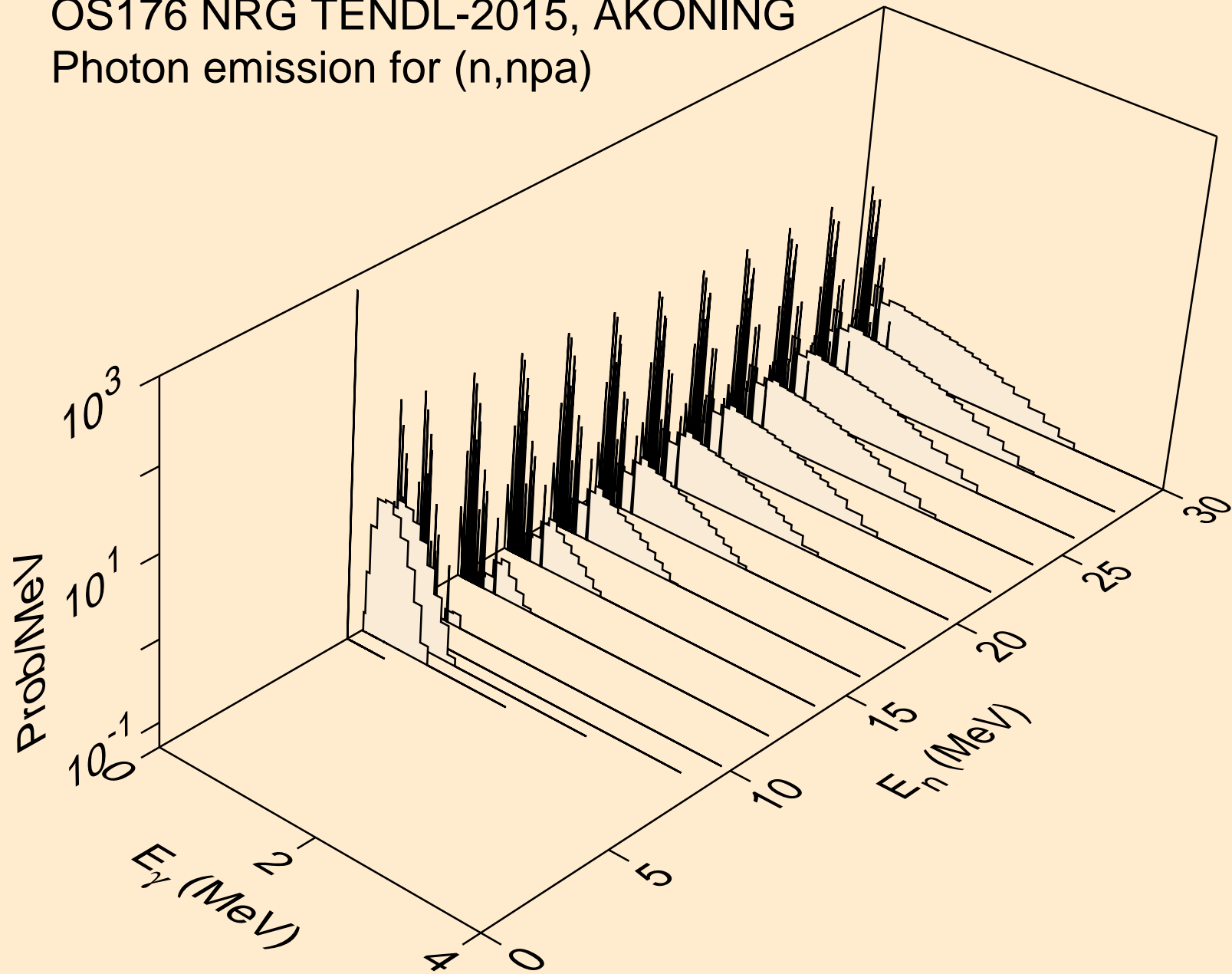
OS176 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



OS176 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

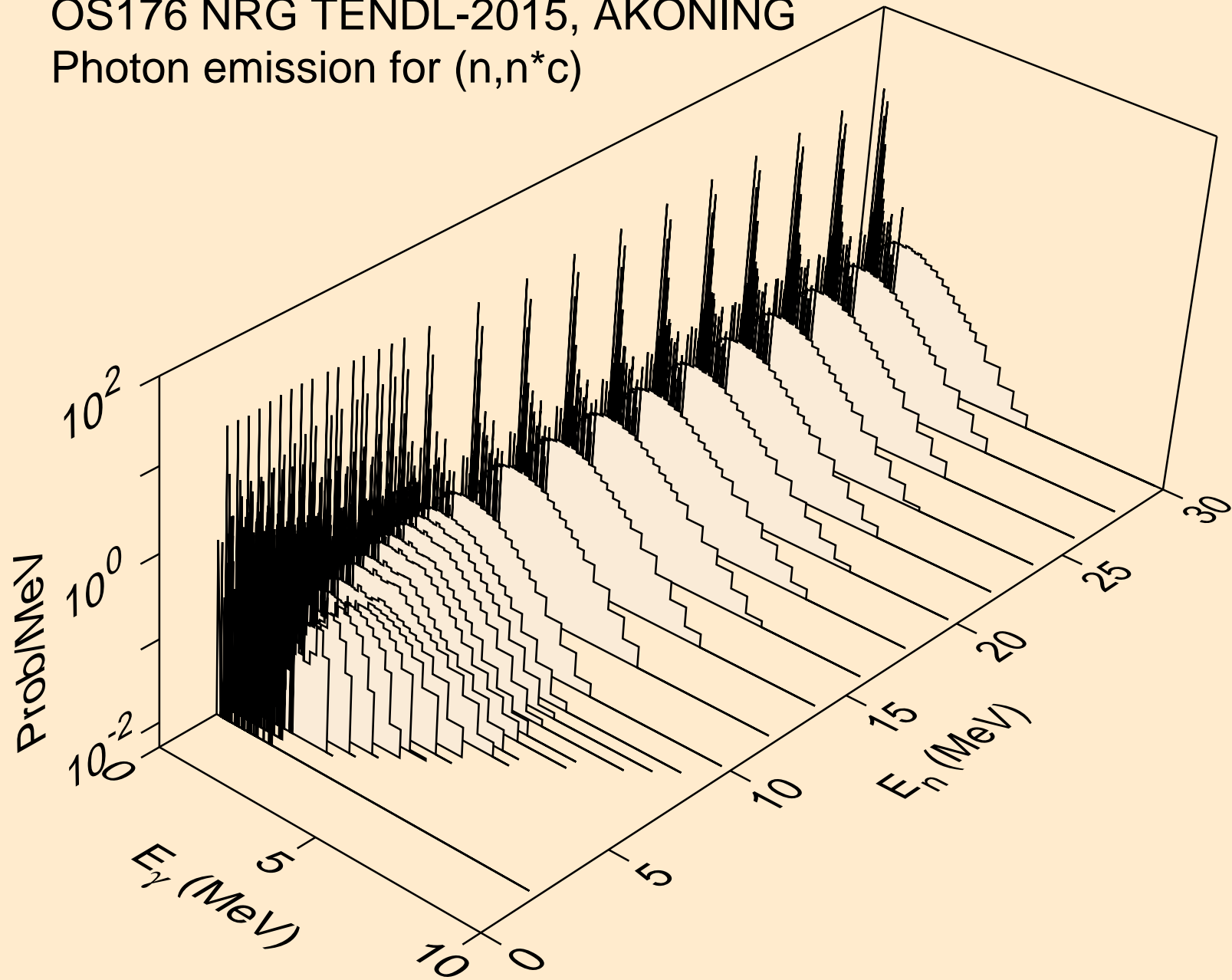


OS176 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

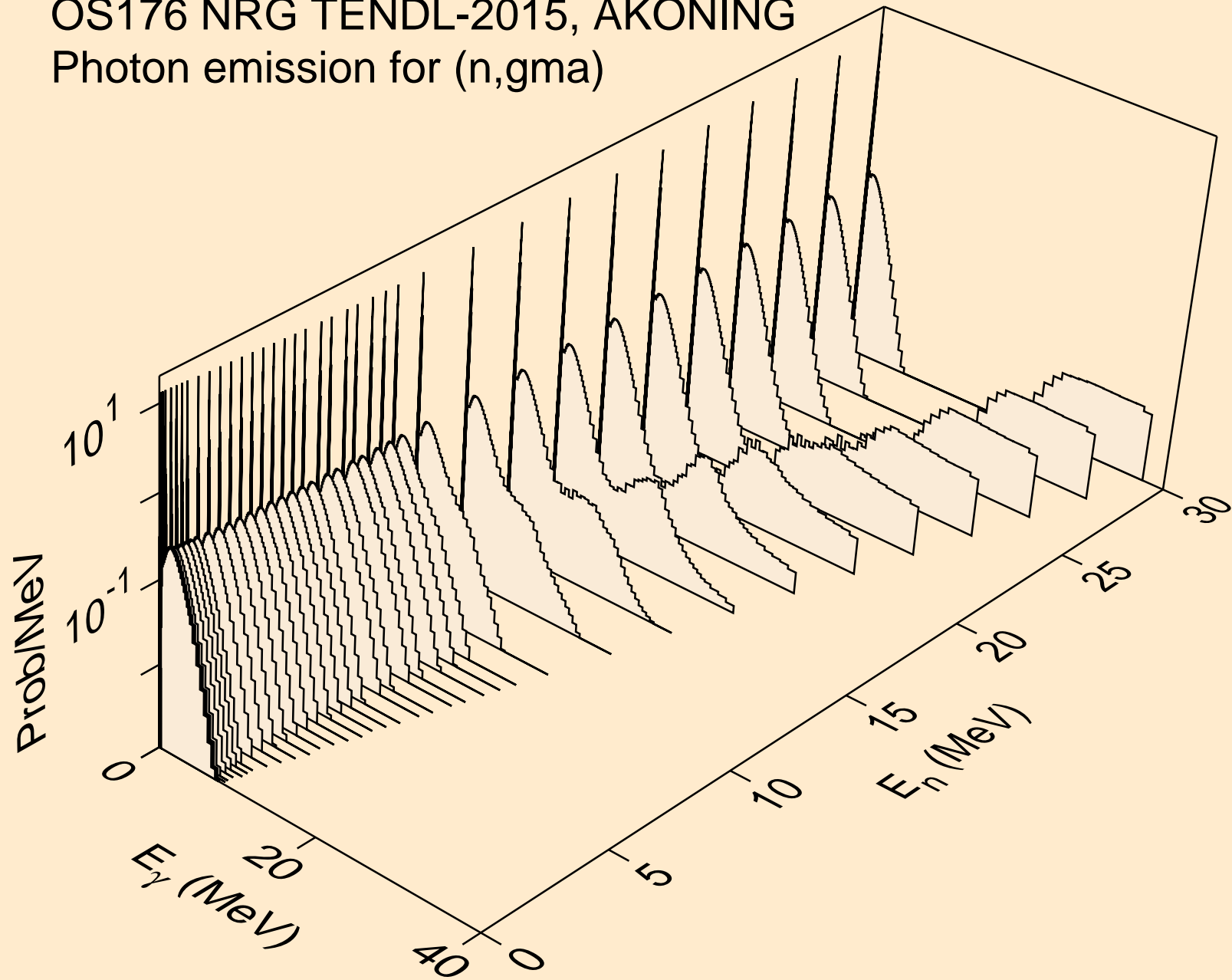




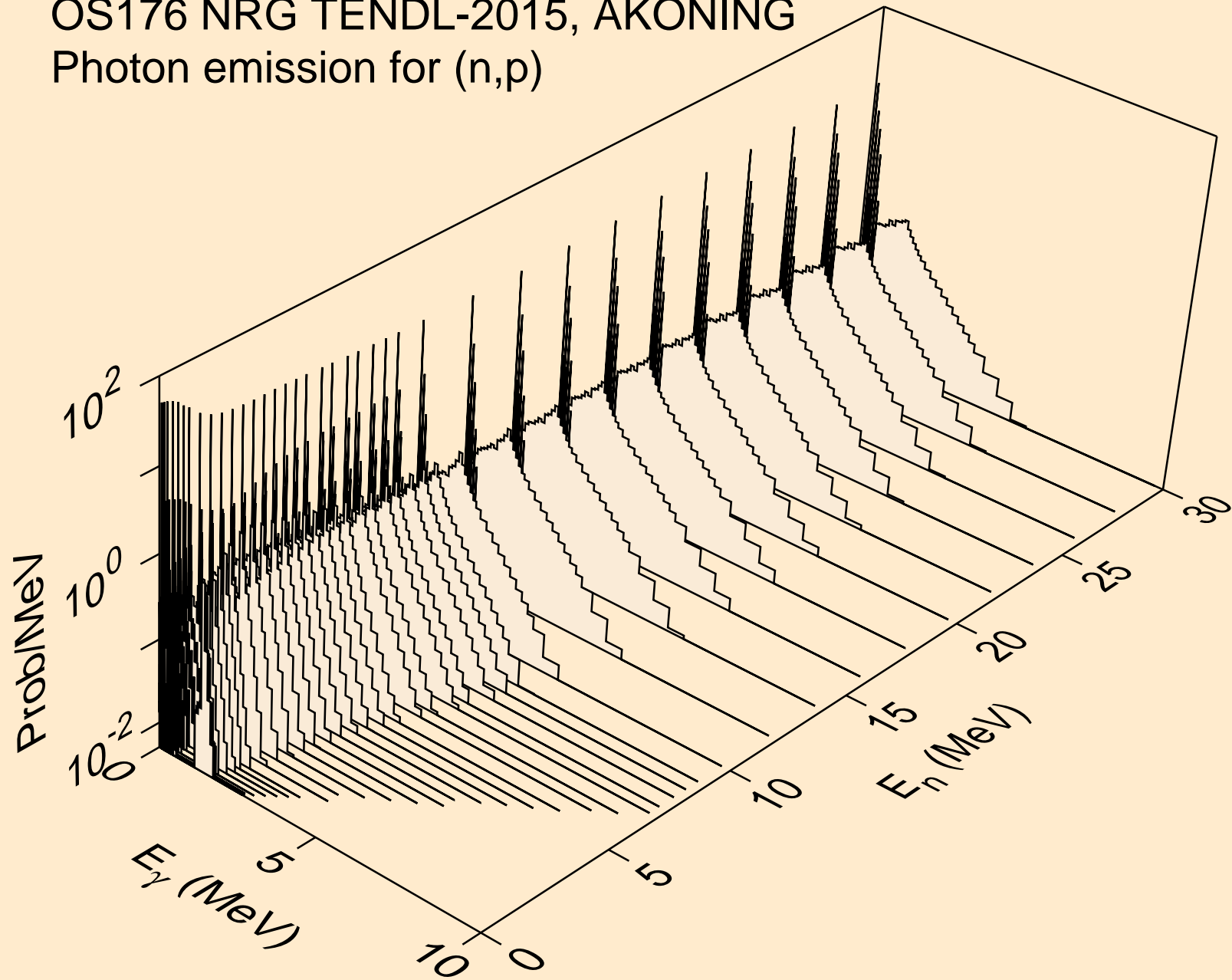
OS176 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



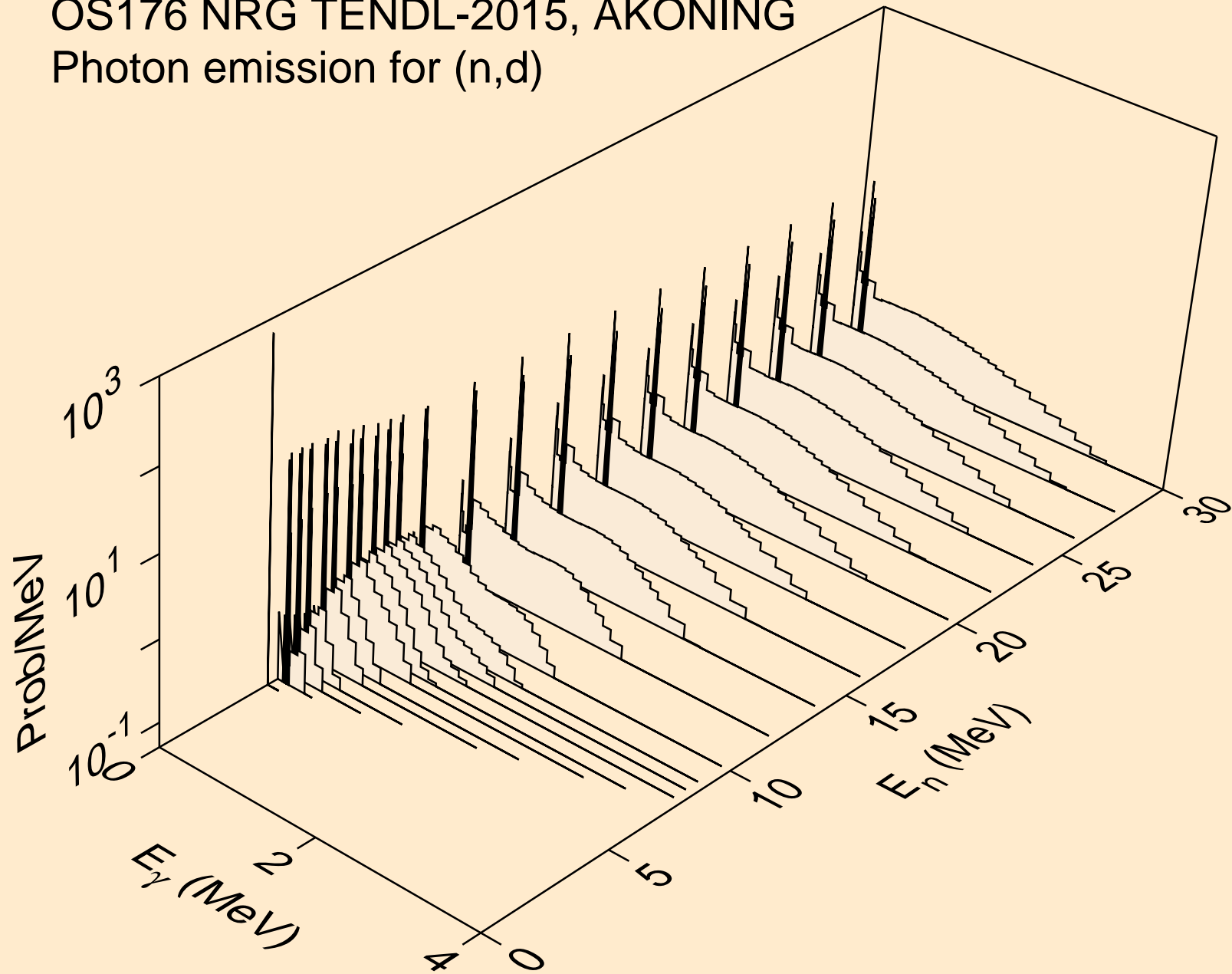
OS176 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



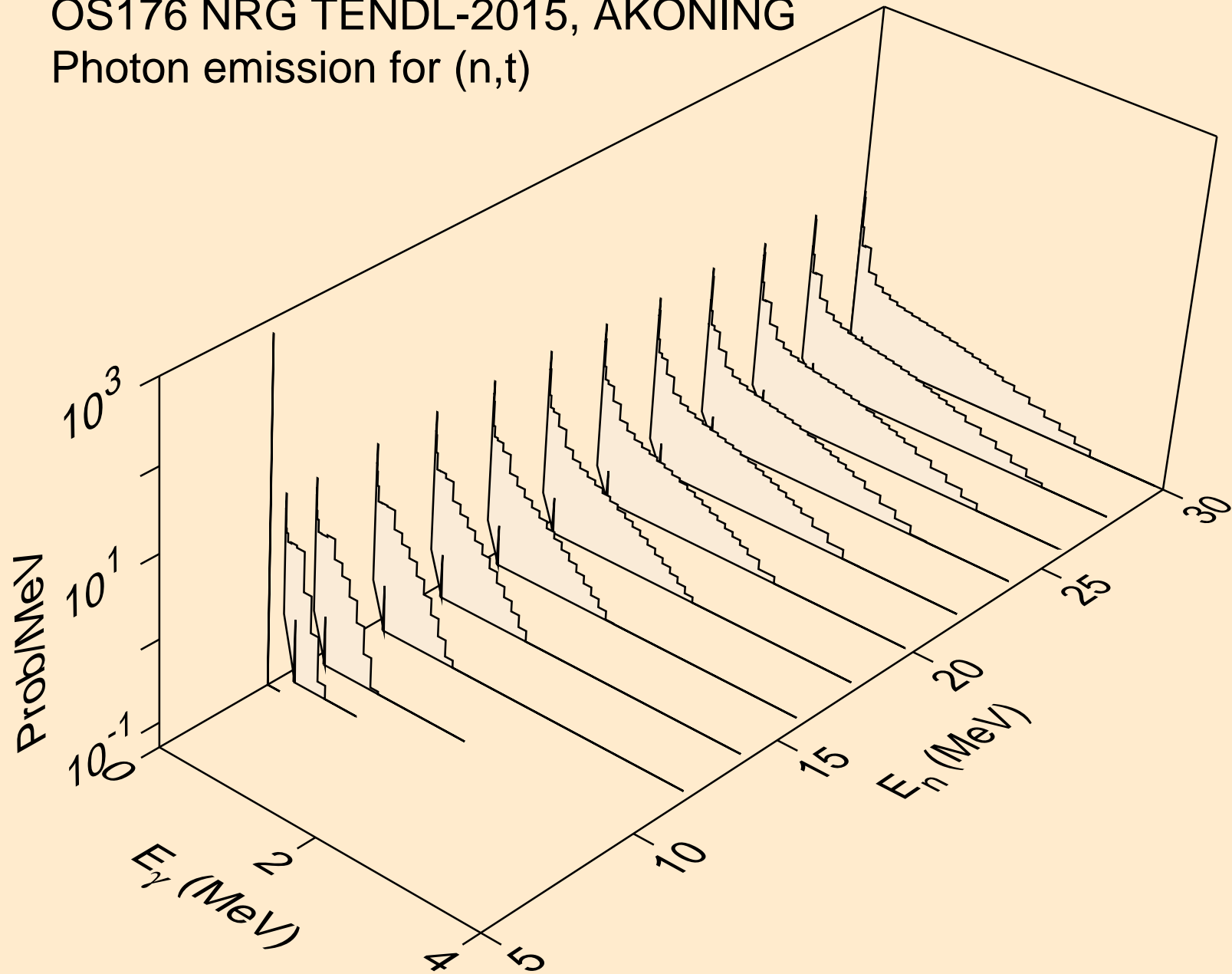
OS176 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



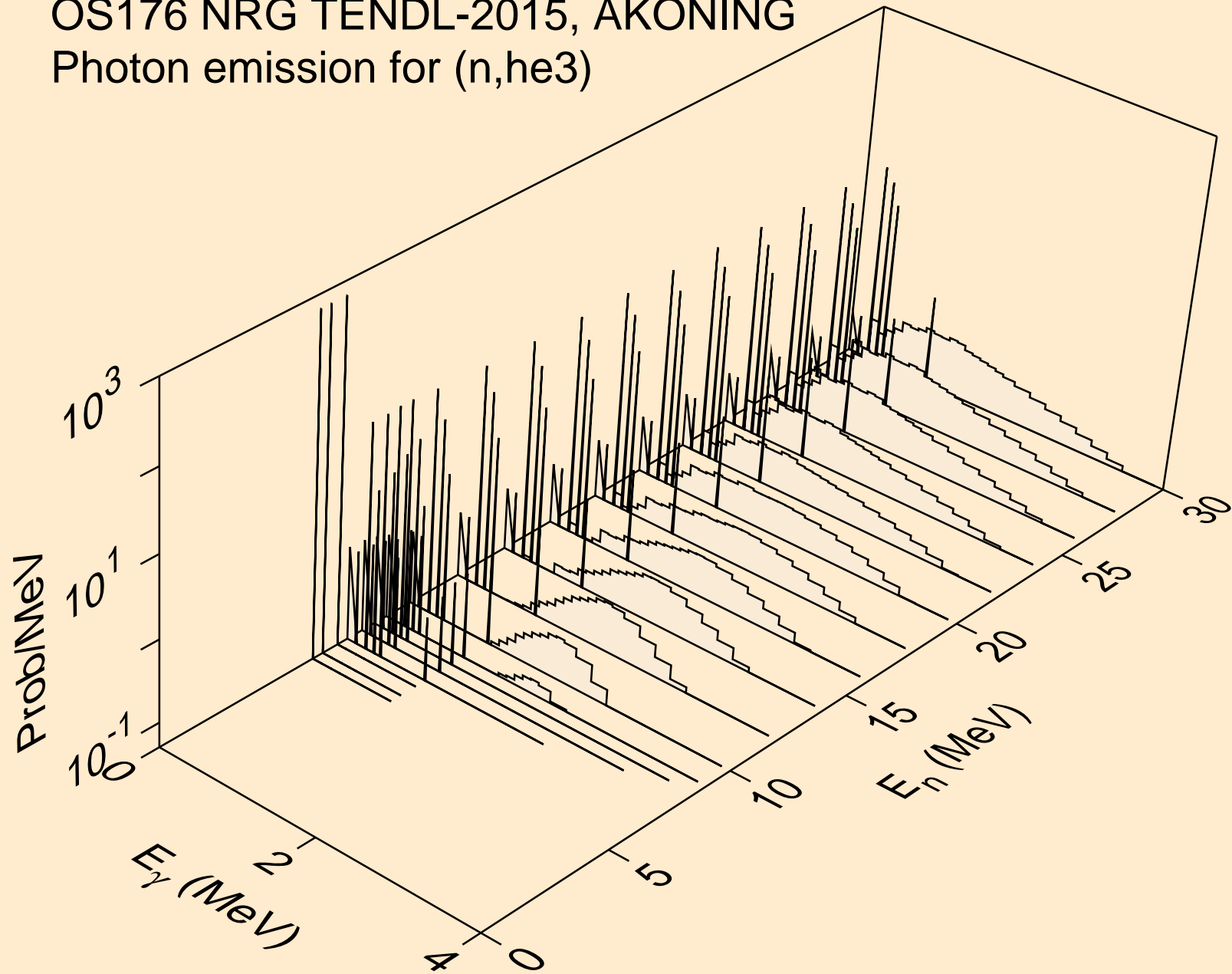
OS176 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



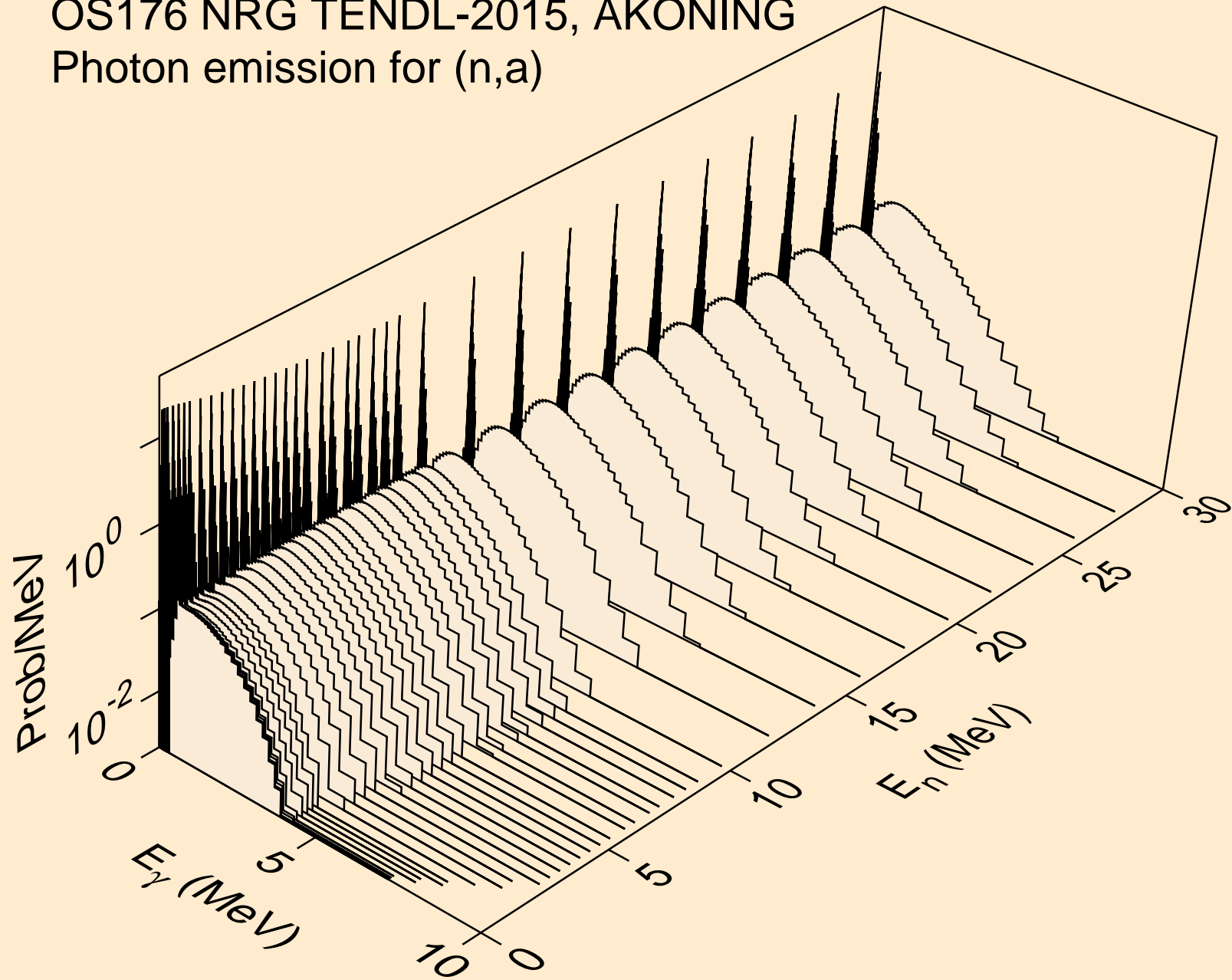
OS176 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



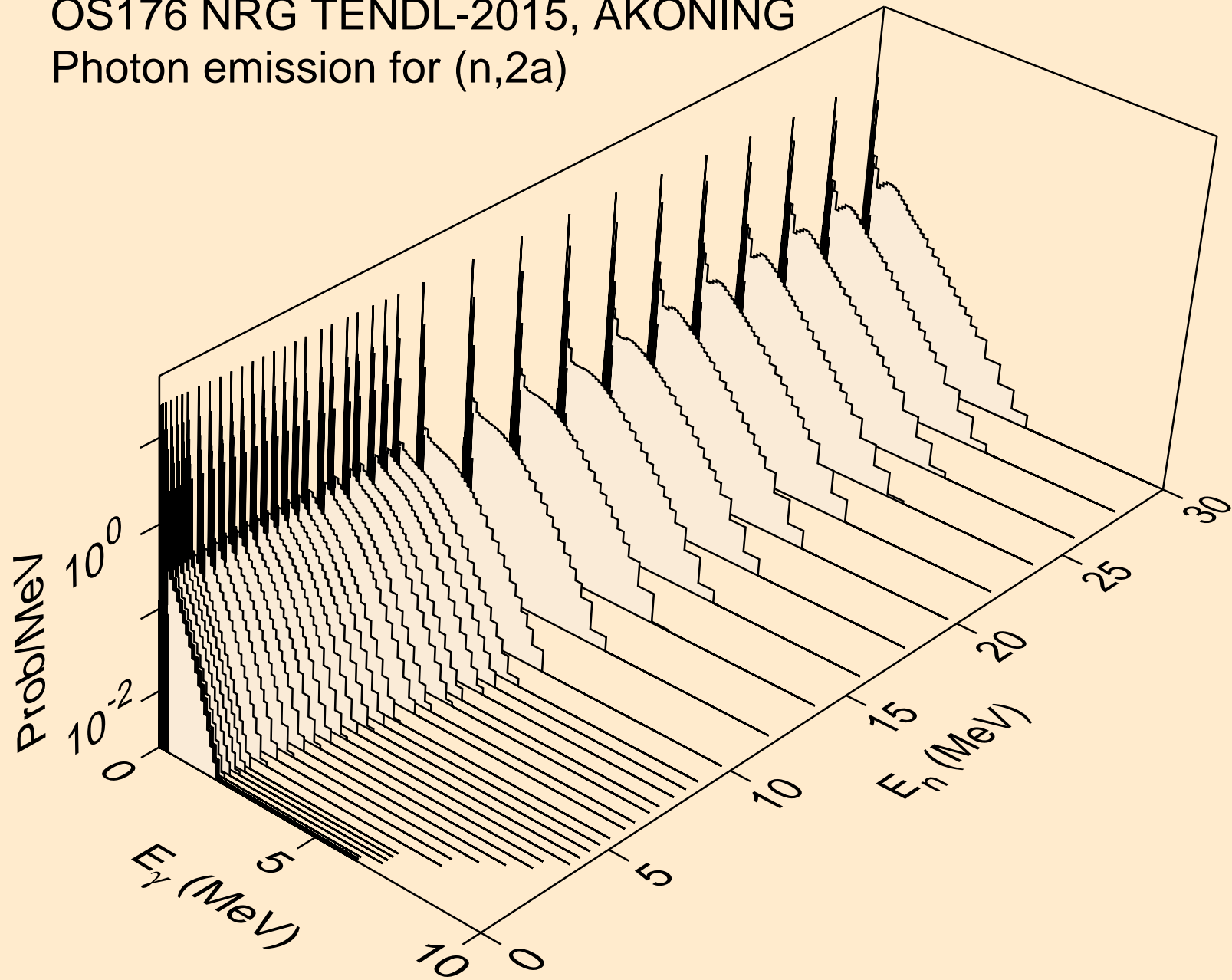
OS176 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



OS176 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

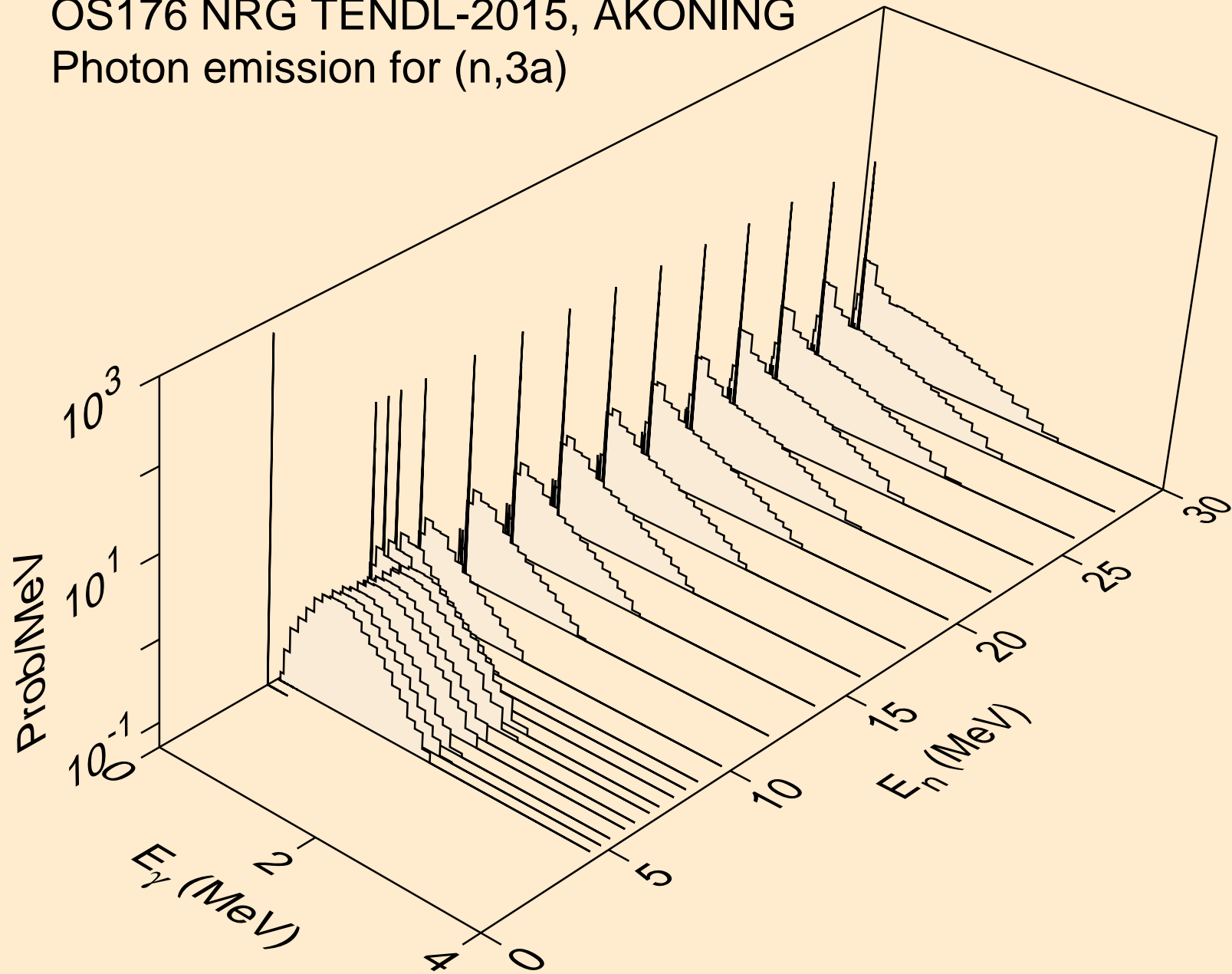


OS176 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

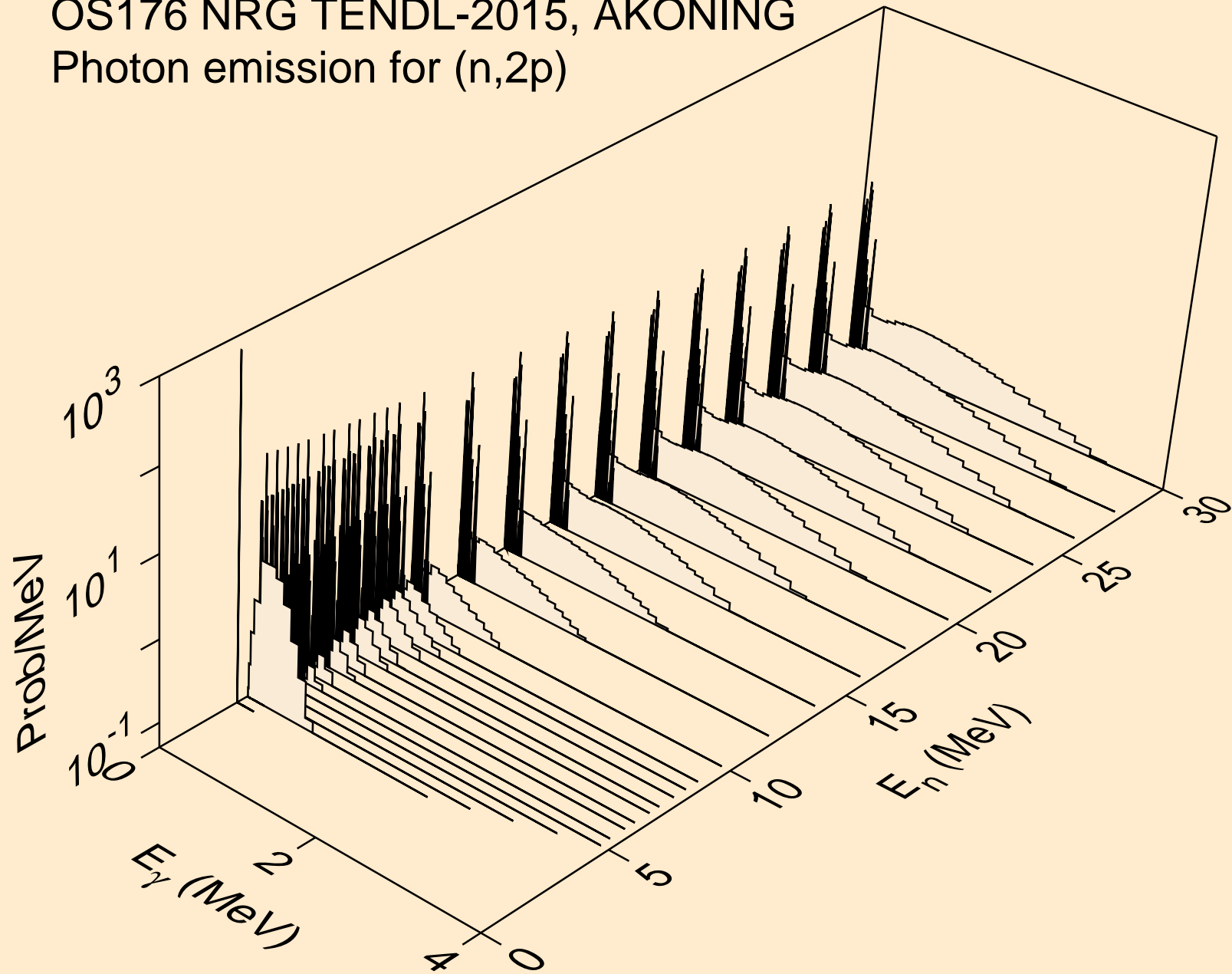




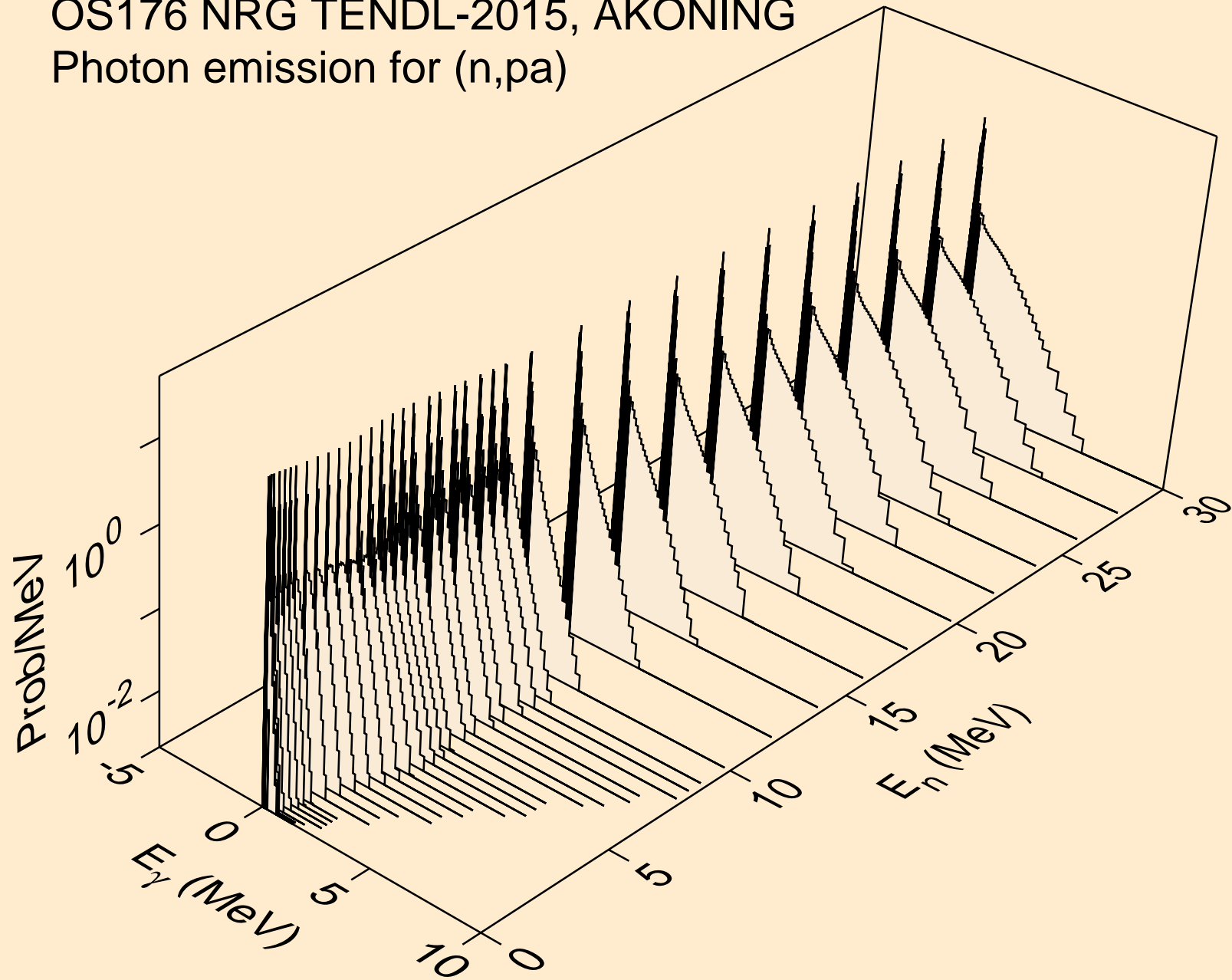
OS176 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



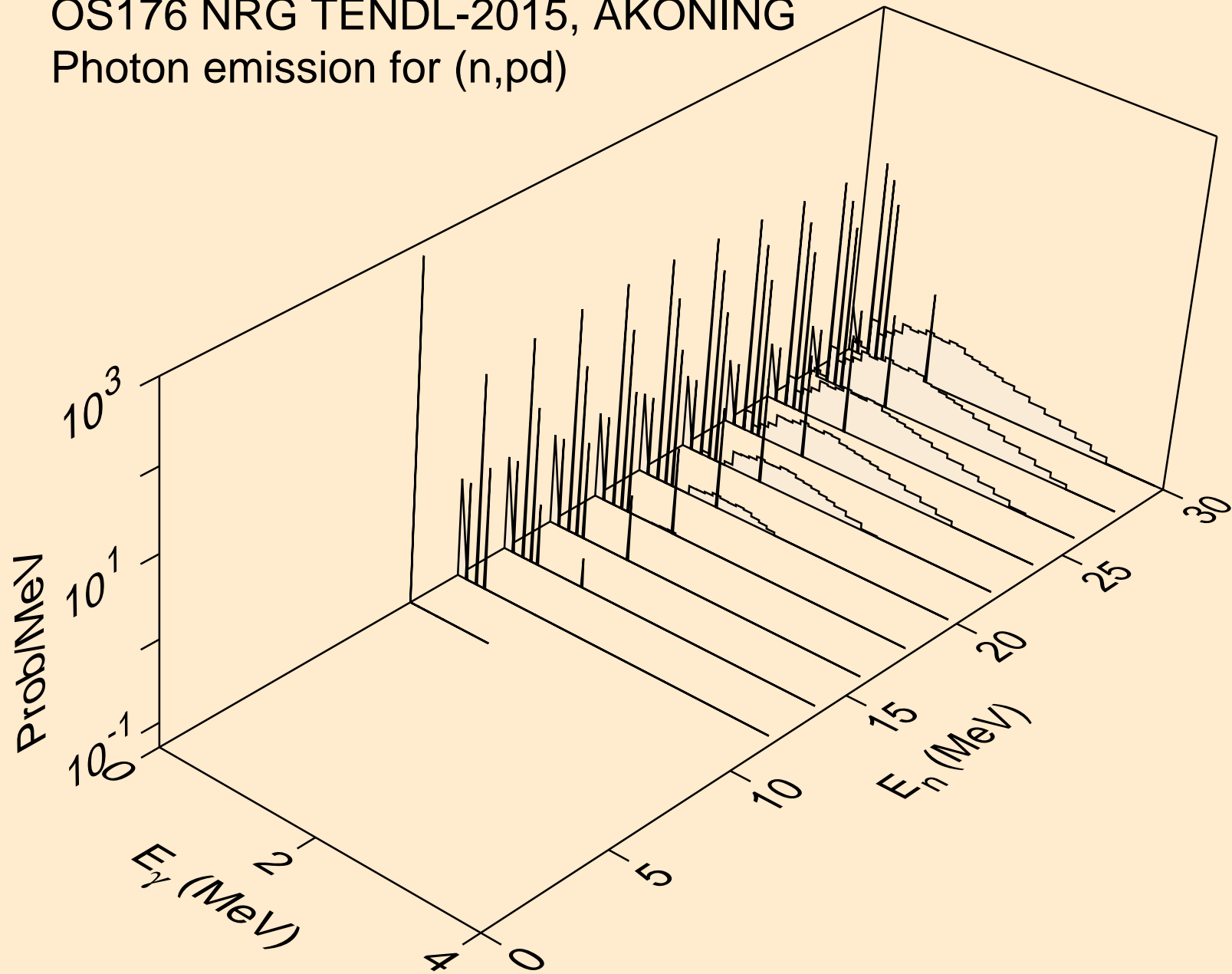
OS176 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



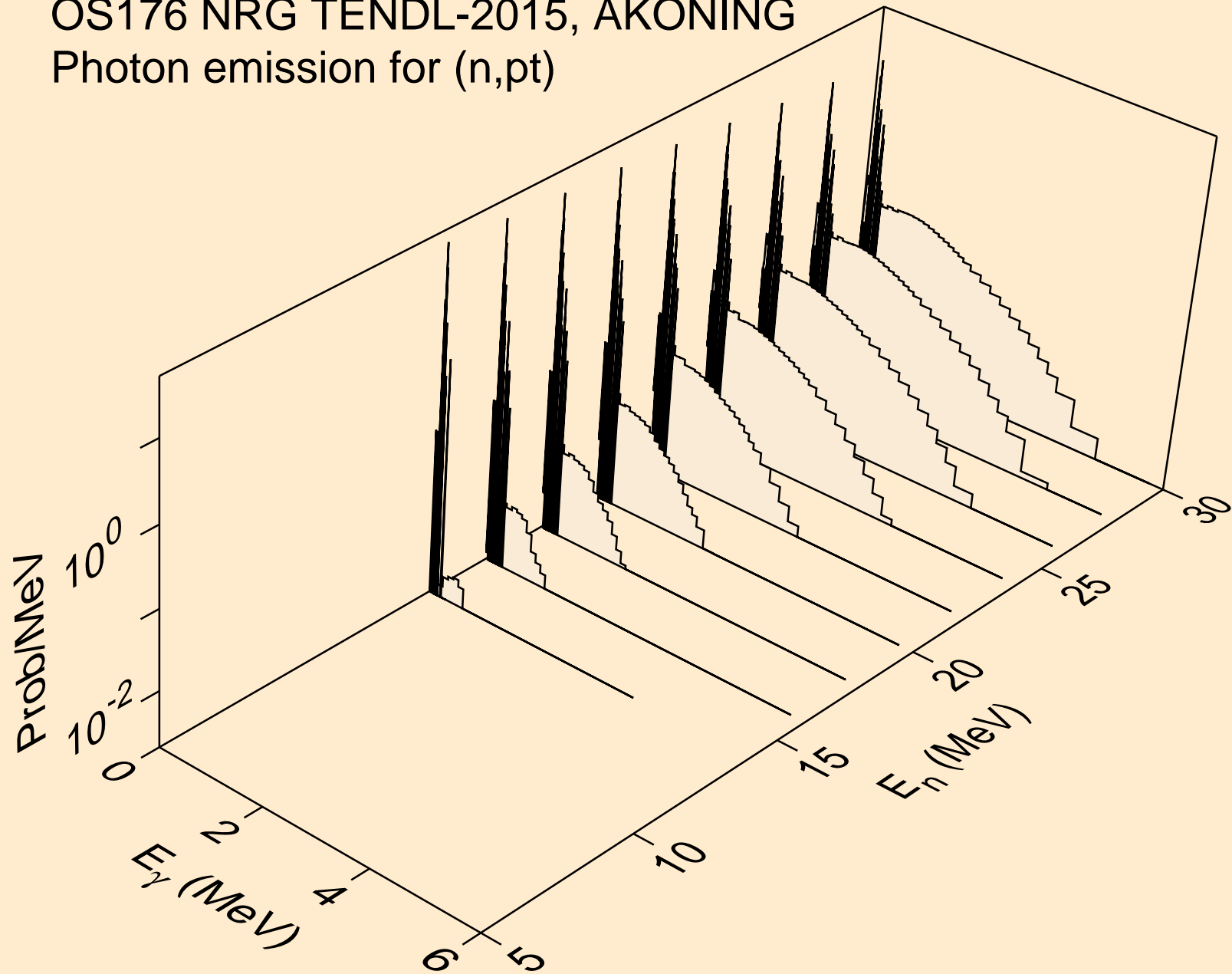
OS176 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



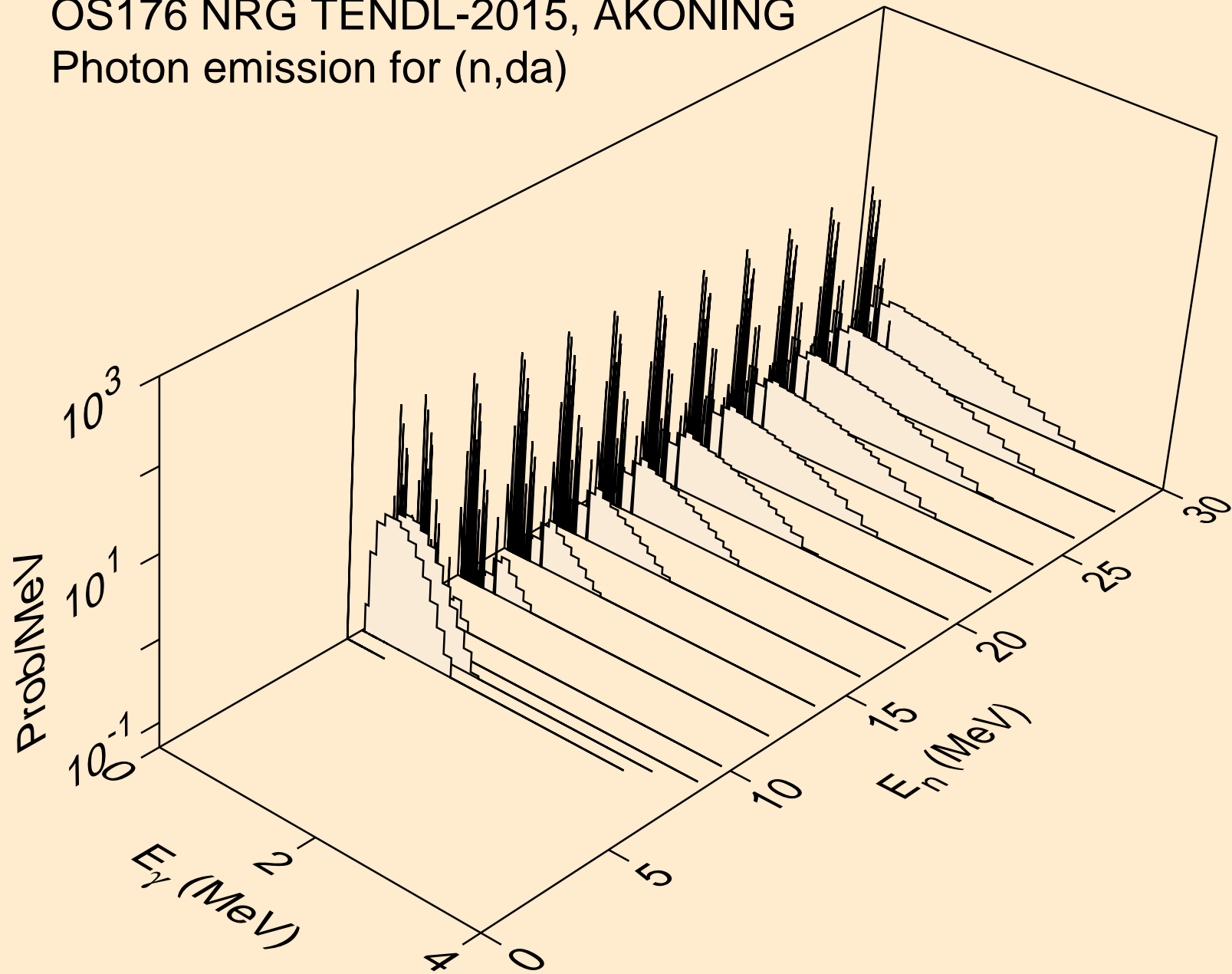
OS176 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



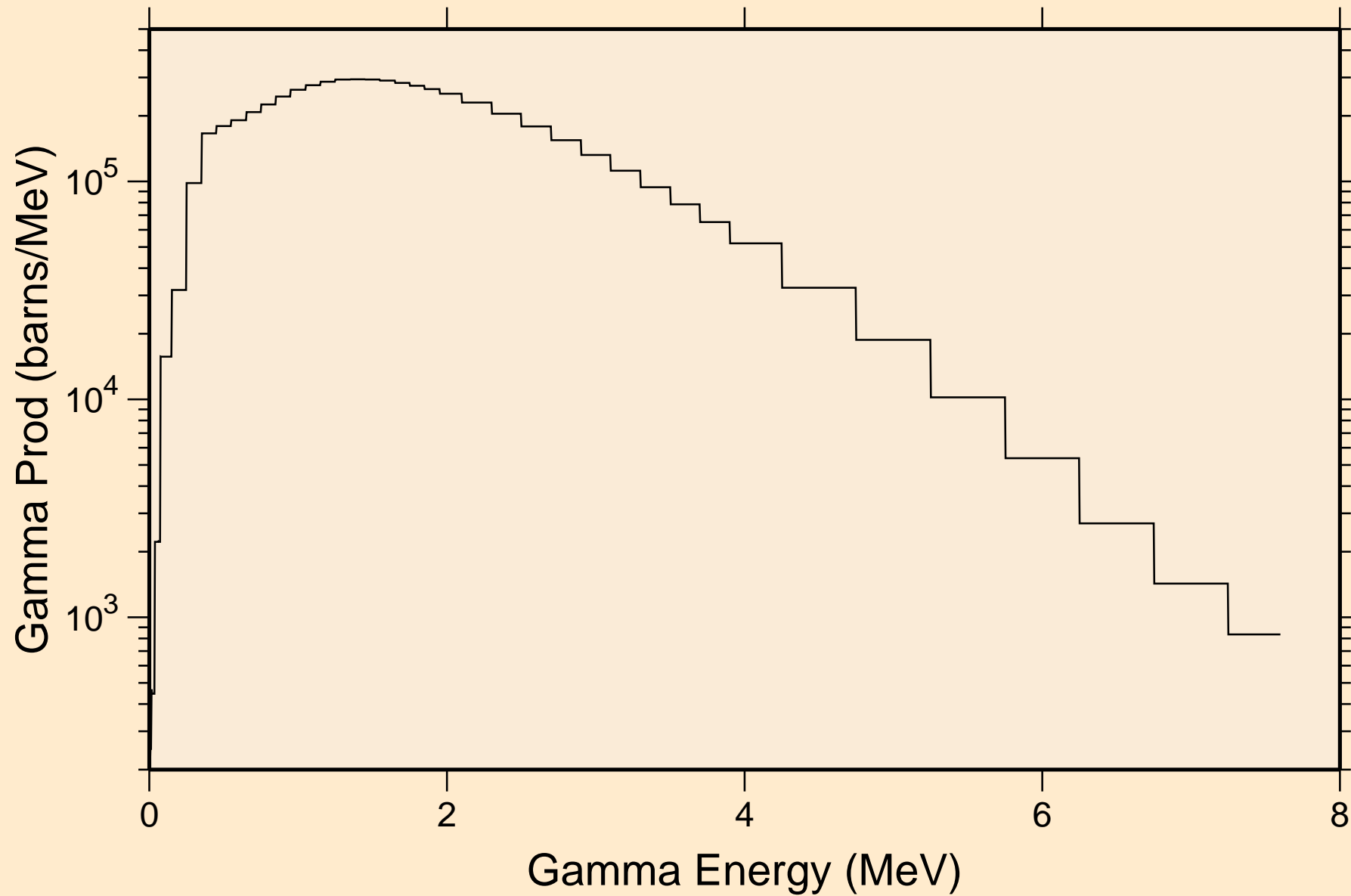
OS176 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



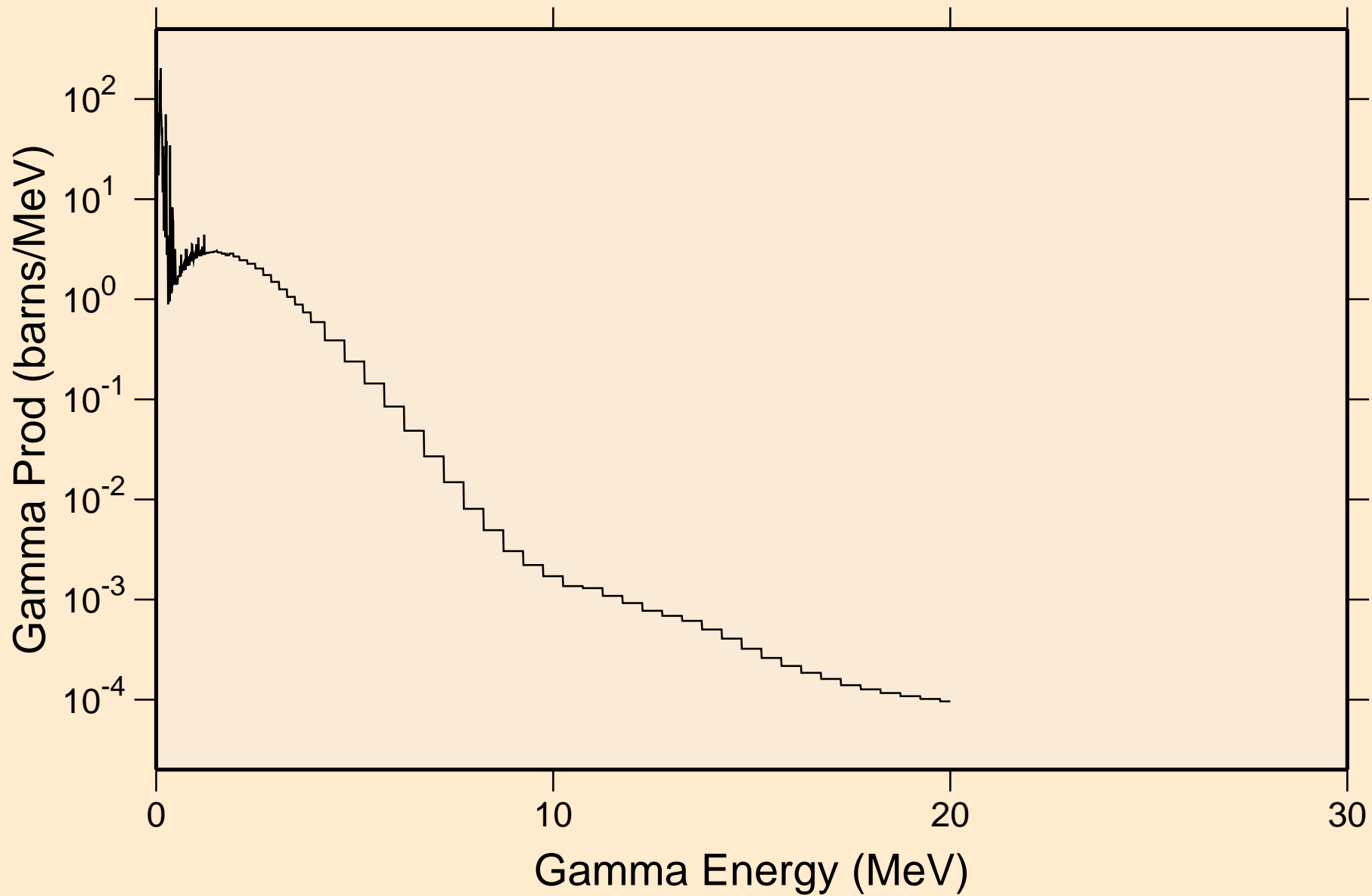
OS176 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



OS176 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



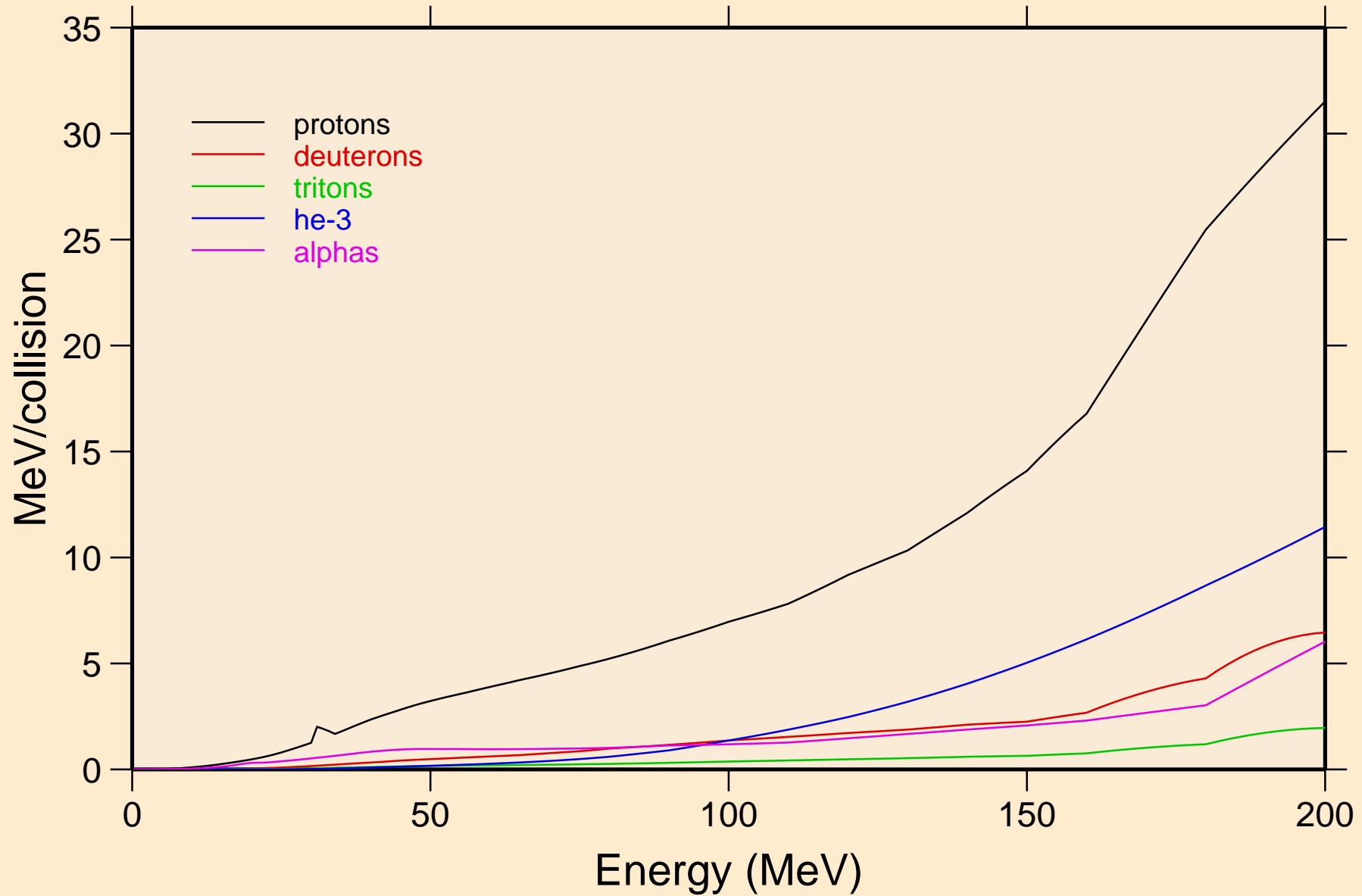
OS176 NRG TENDL-2015, AKONING  
14 MeV photon spectrum





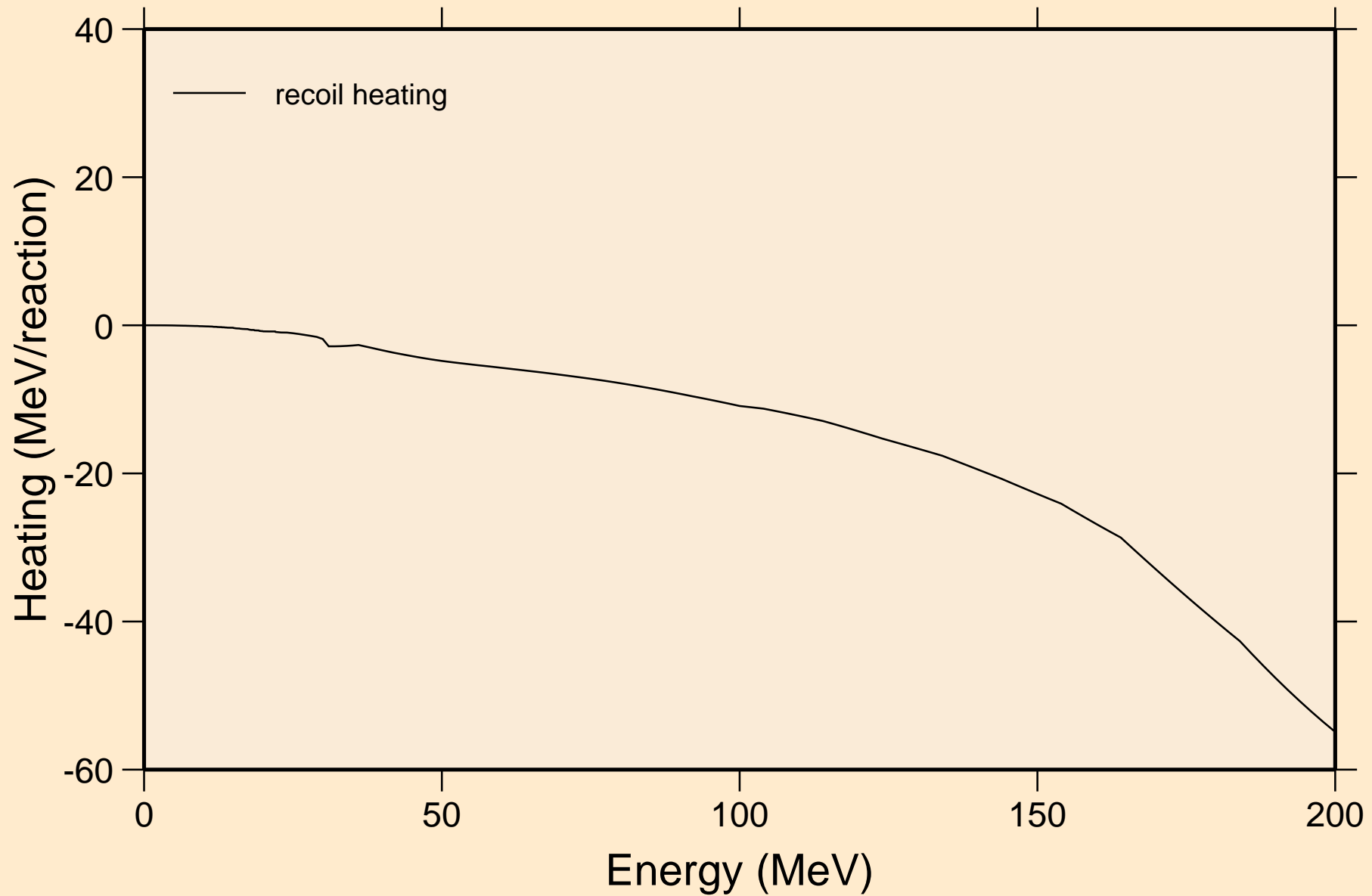
# OS176 NRG TENDL-2015, AKONING

## Particle heating contributions



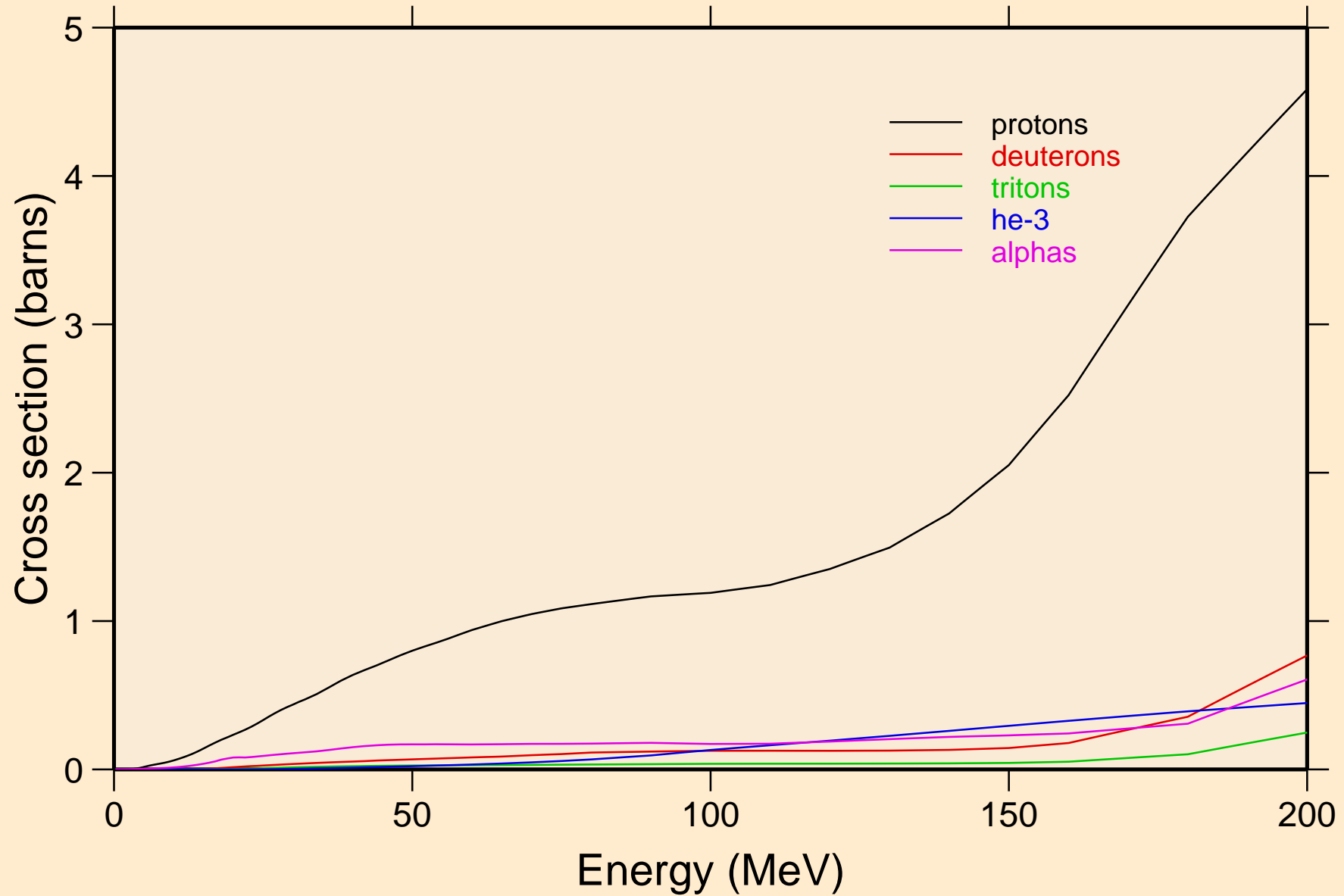
# OS176 NRG TENDL-2015, AKONING

## Recoil Heating

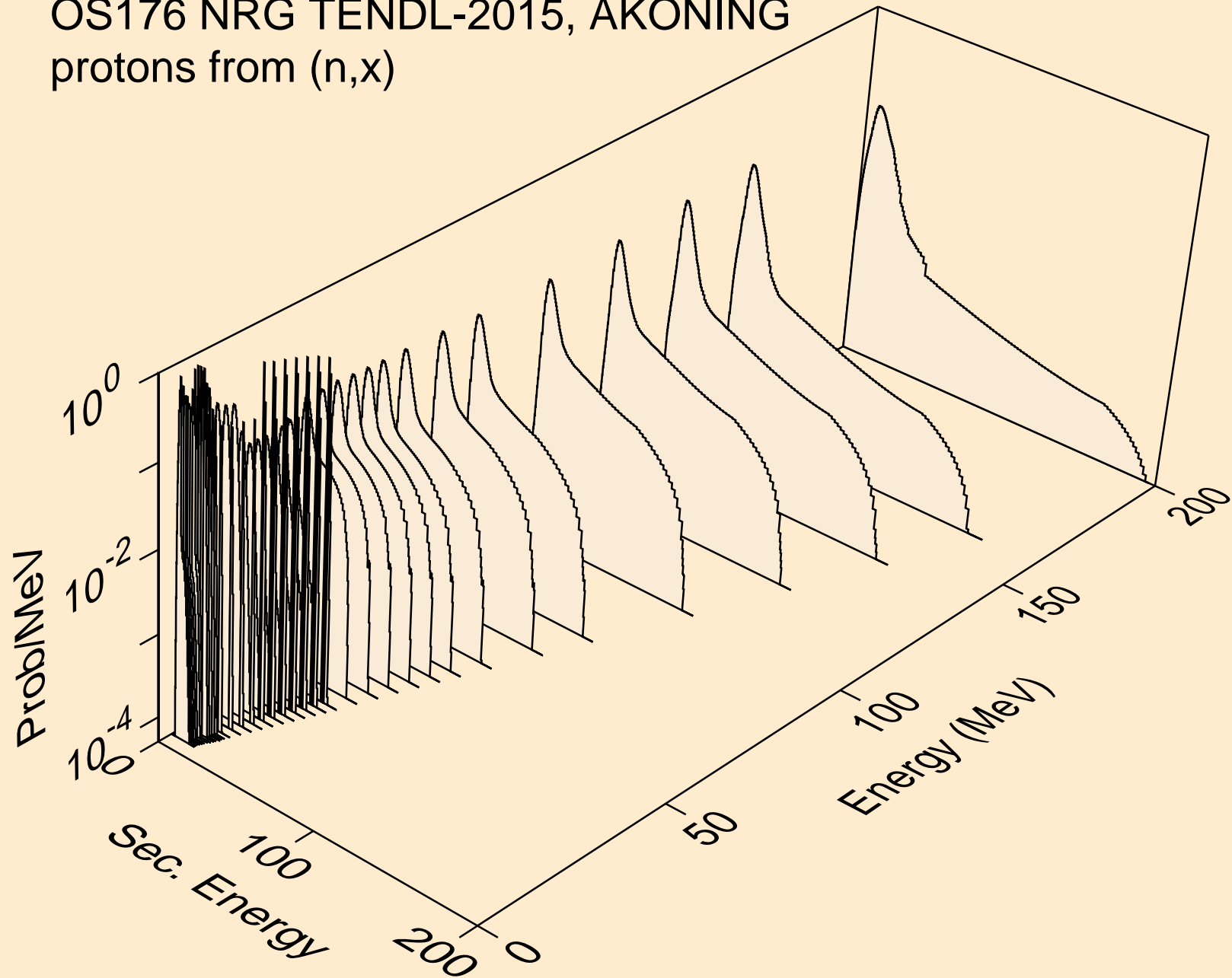


# OS176 NRG TENDL-2015, AKONING

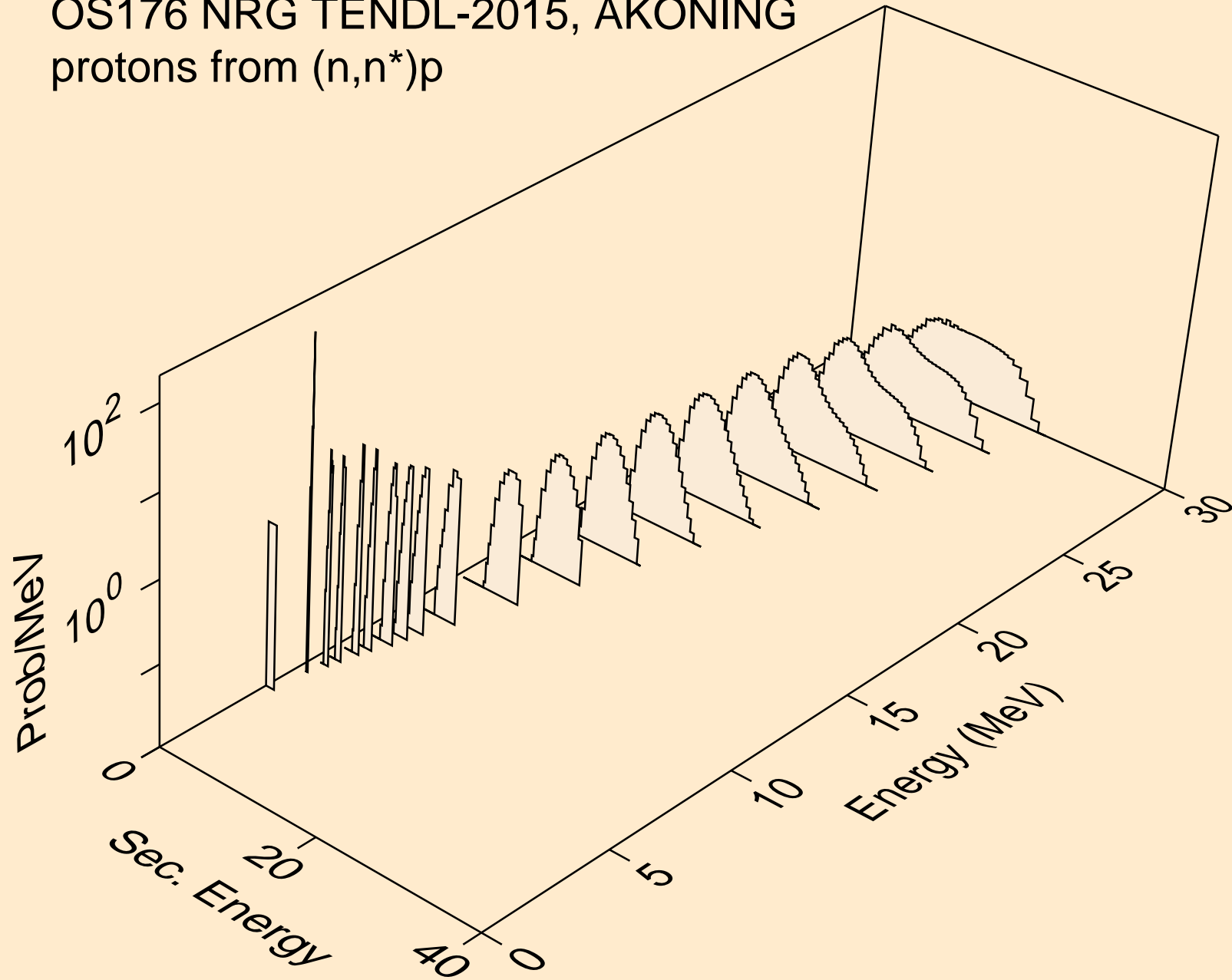
## Particle production cross sections



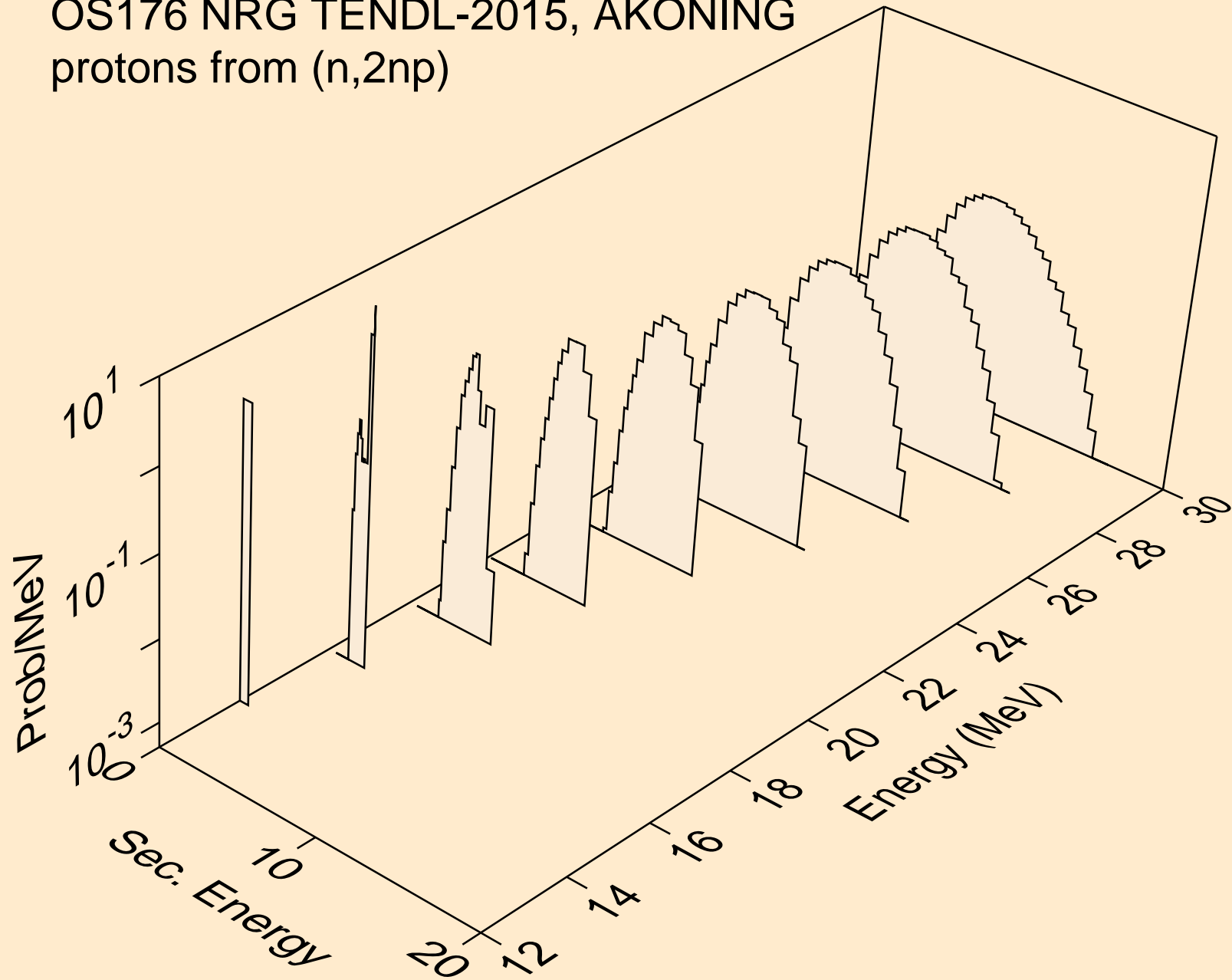
OS176 NRG TENDL-2015, AKONING  
protons from (n,x)



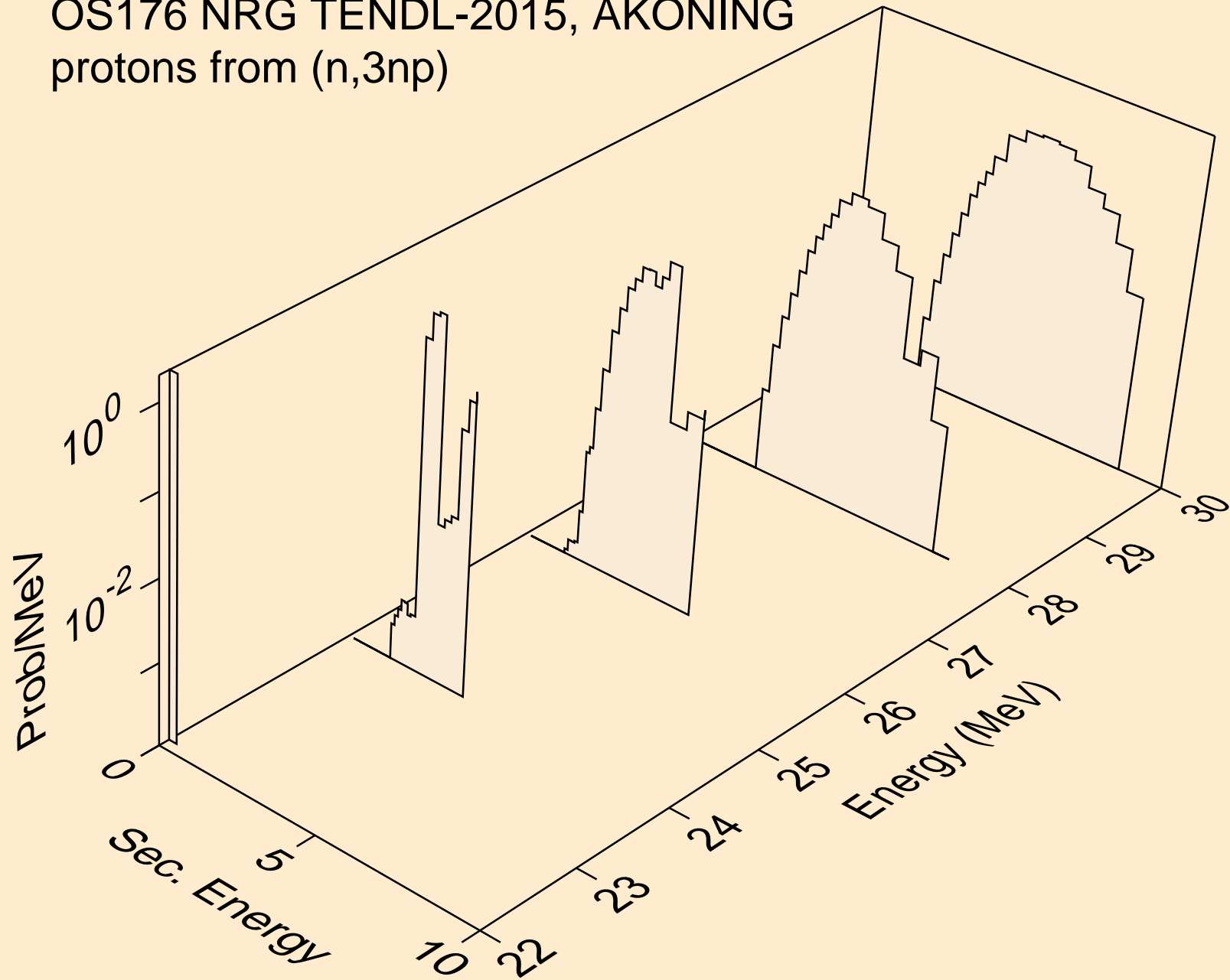
OS176 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



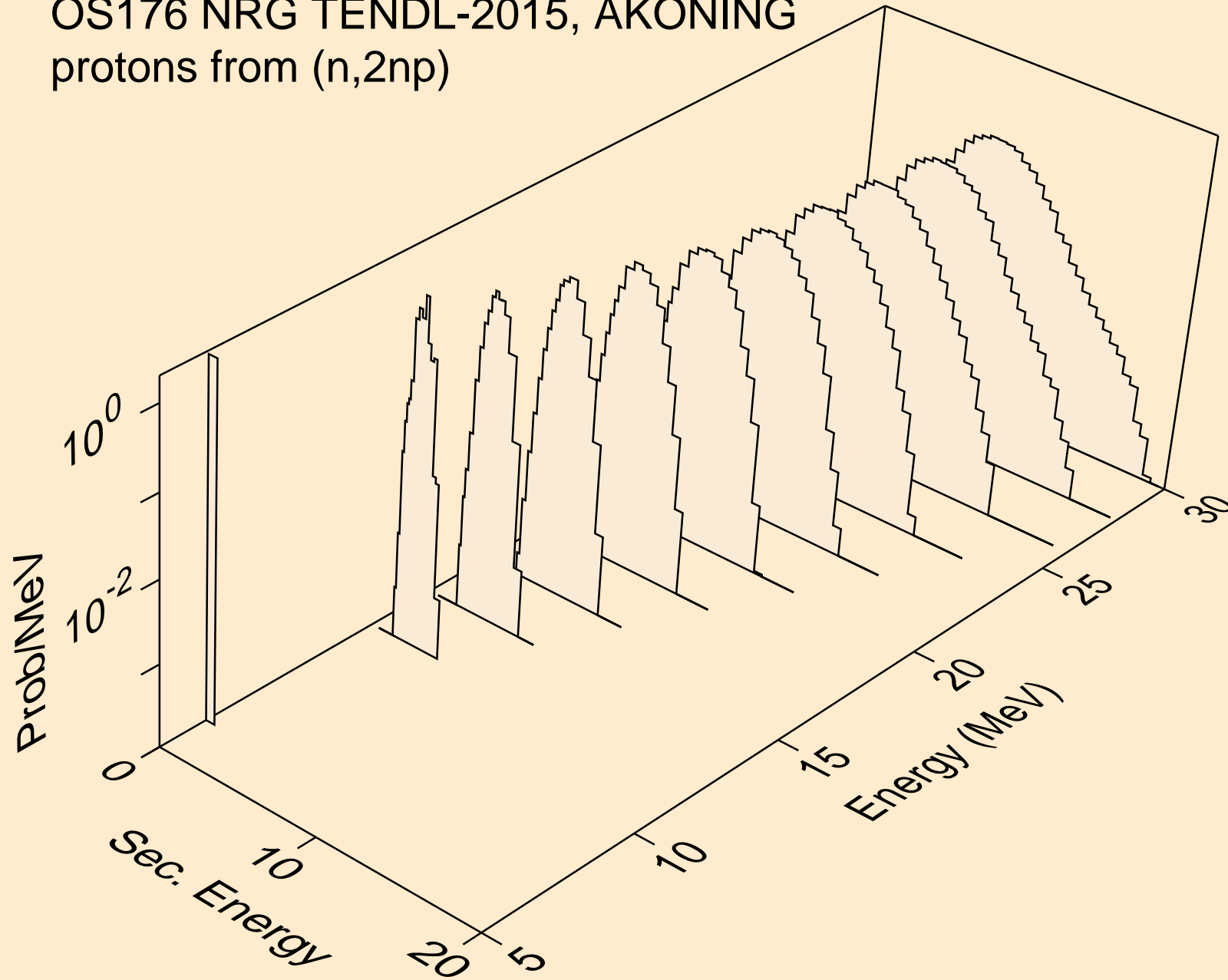
OS176 NRG TENDL-2015, AKONING  
protons from (n,2np)



OS176 NRG TENDL-2015, AKONING  
protons from (n,3np)

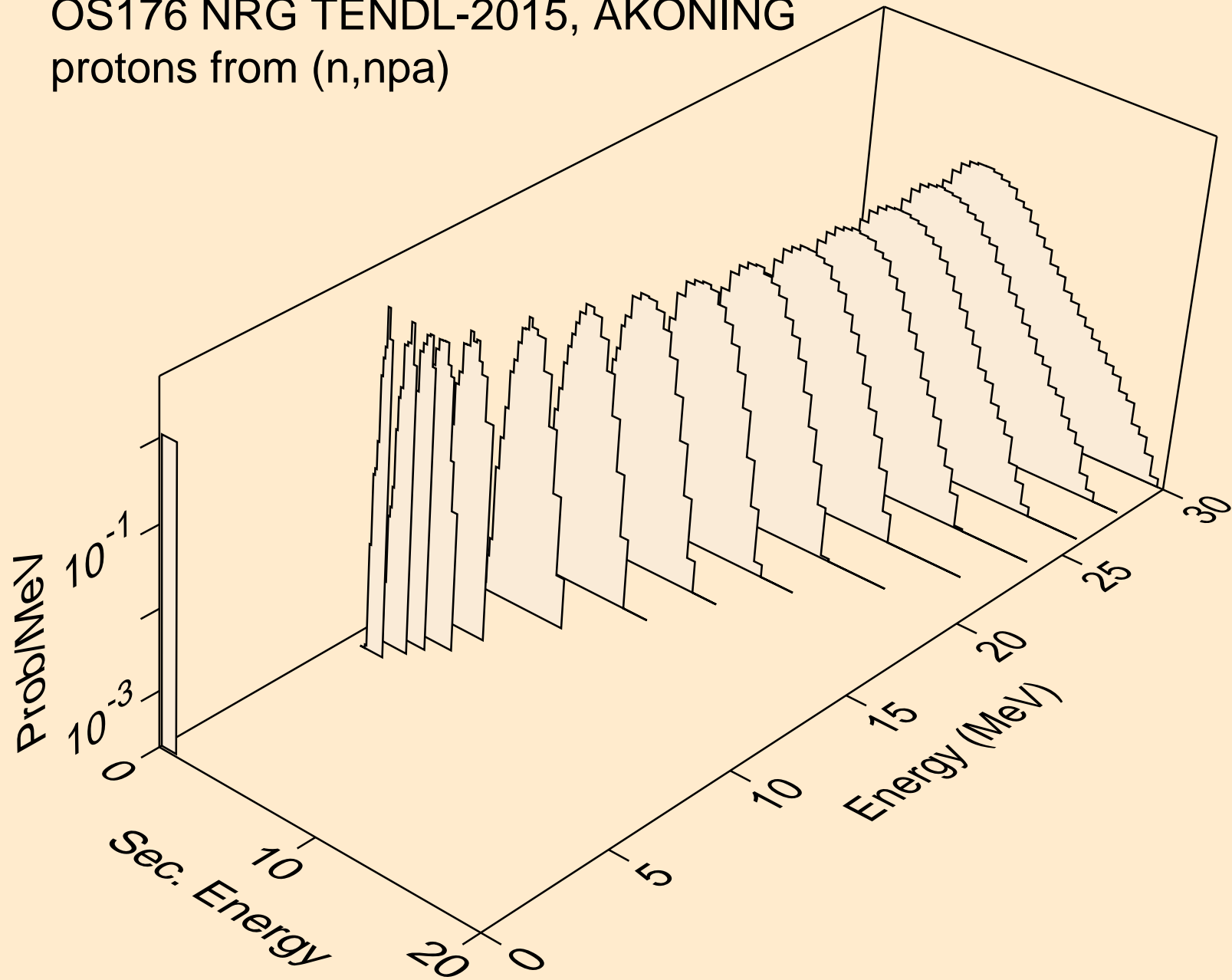


OS176 NRG TENDL-2015, AKONING  
protons from (n,2np)

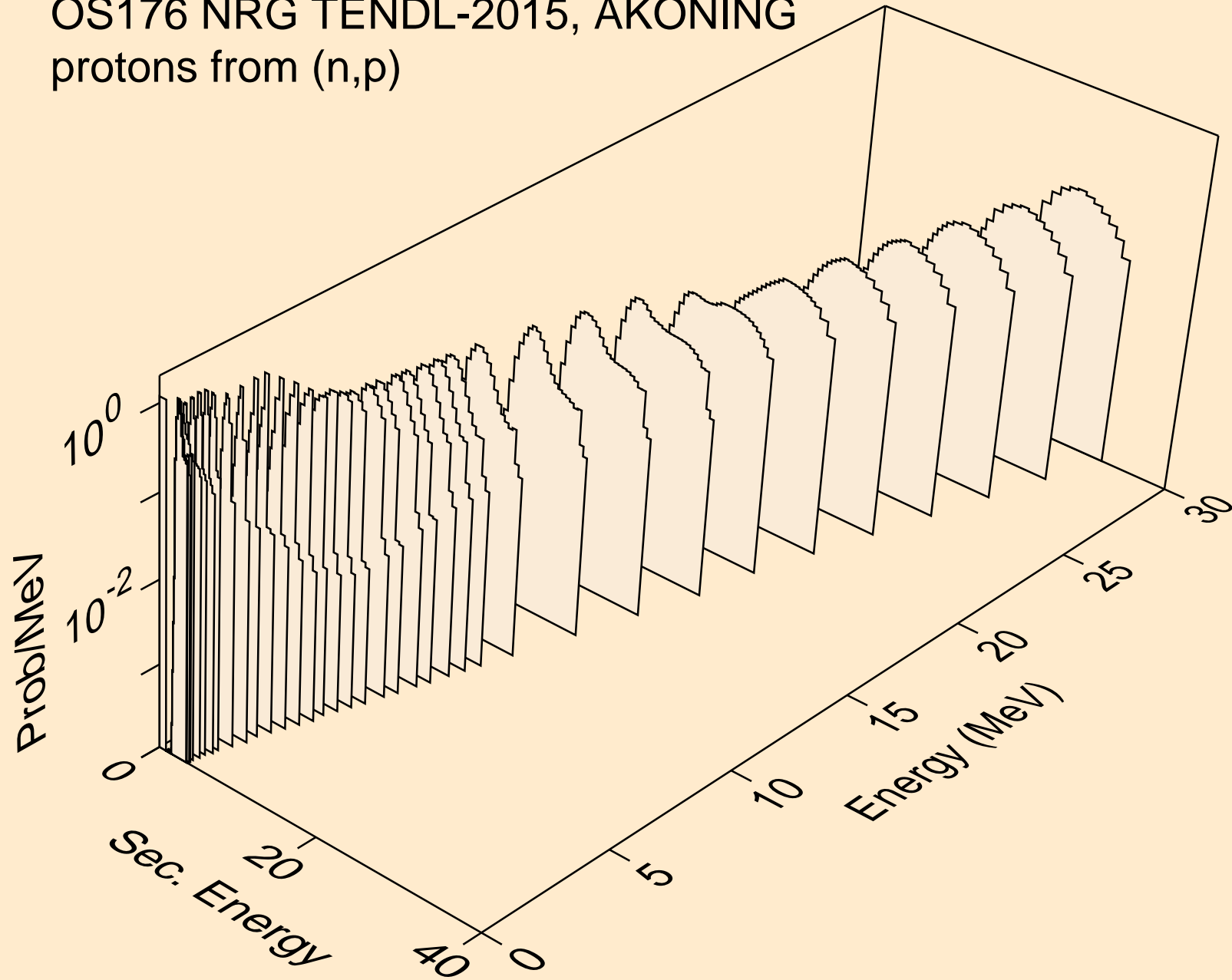




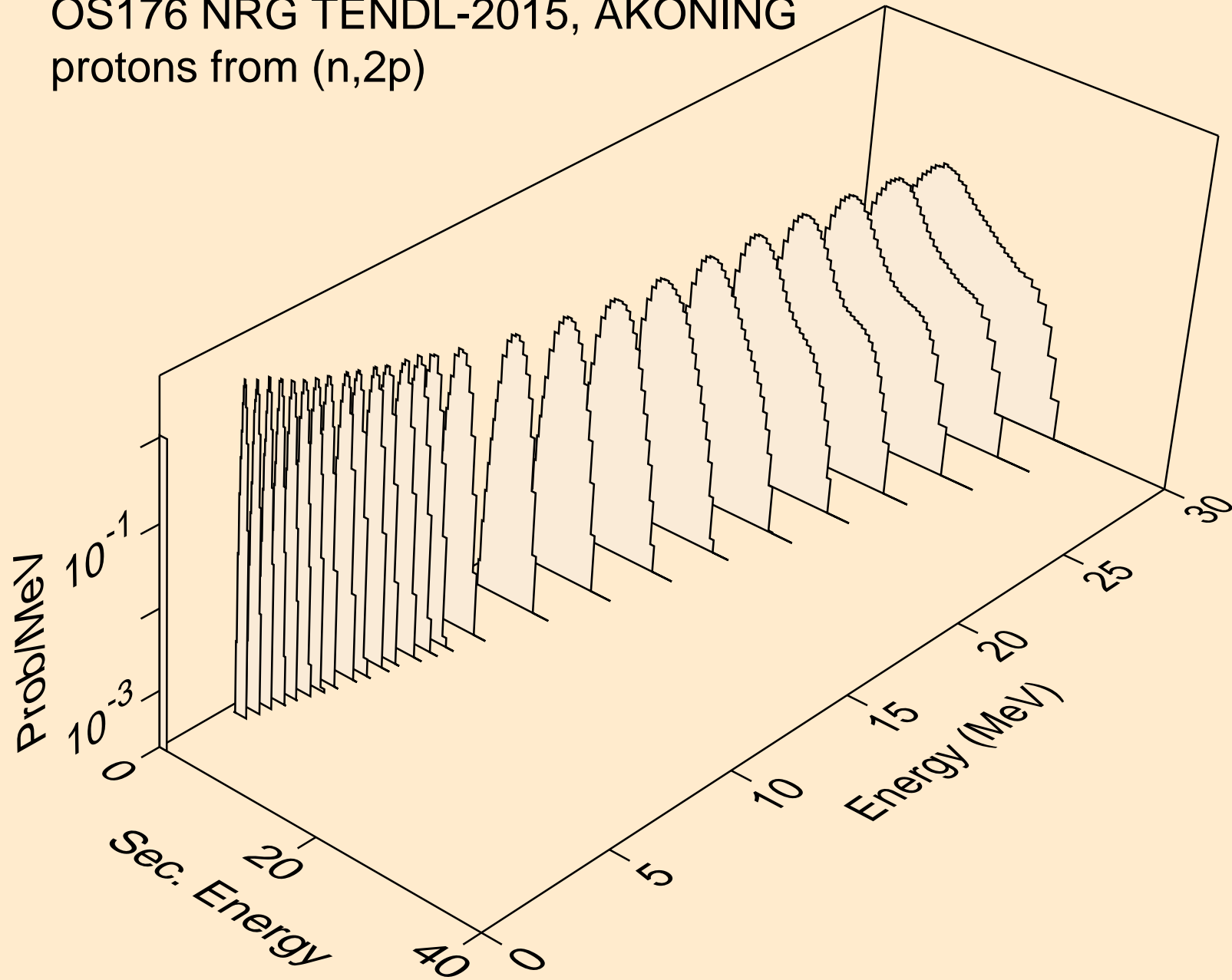
OS176 NRG TENDL-2015, AKONING  
protons from (n,npa)



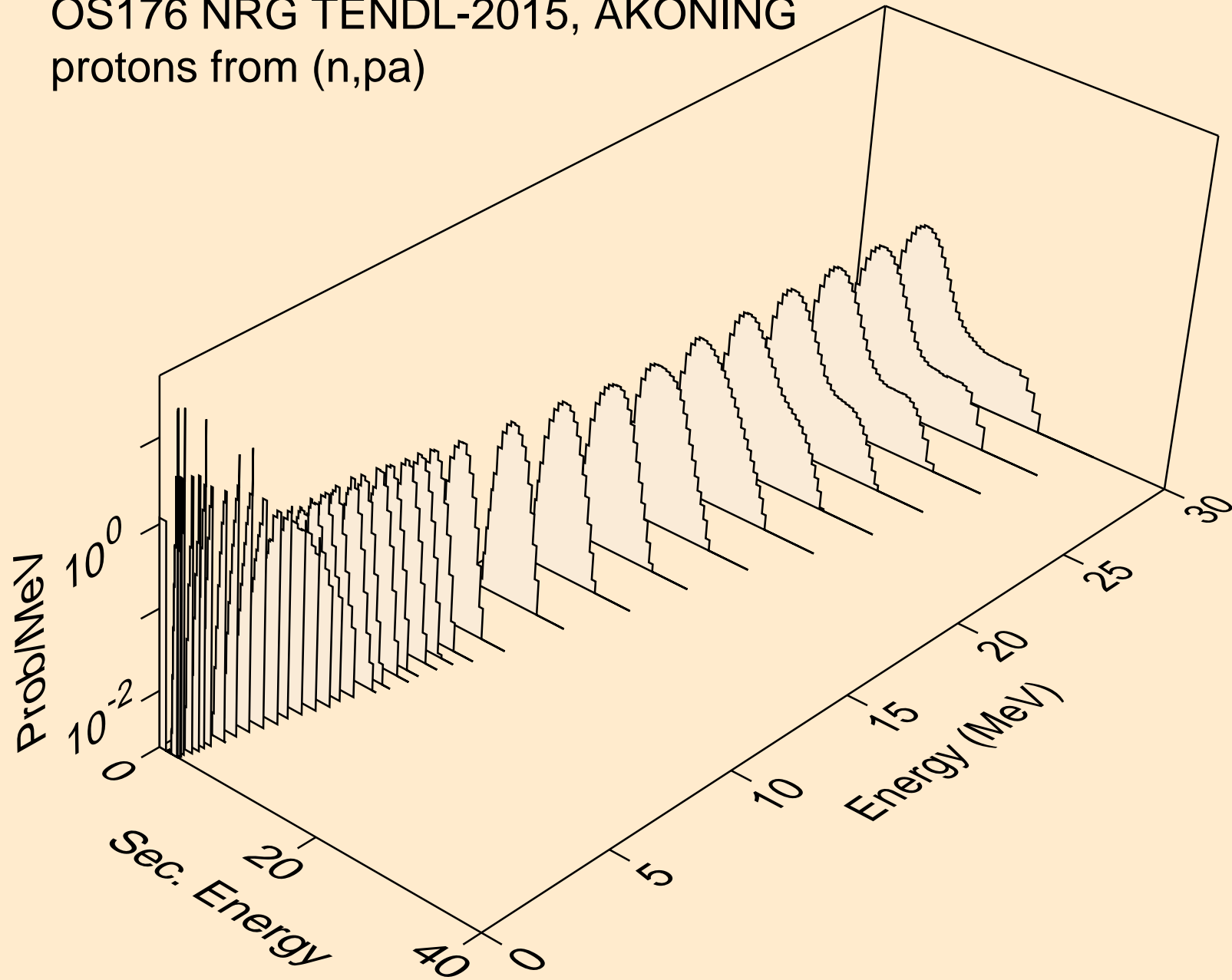
OS176 NRG TENDL-2015, AKONING  
protons from (n,p)



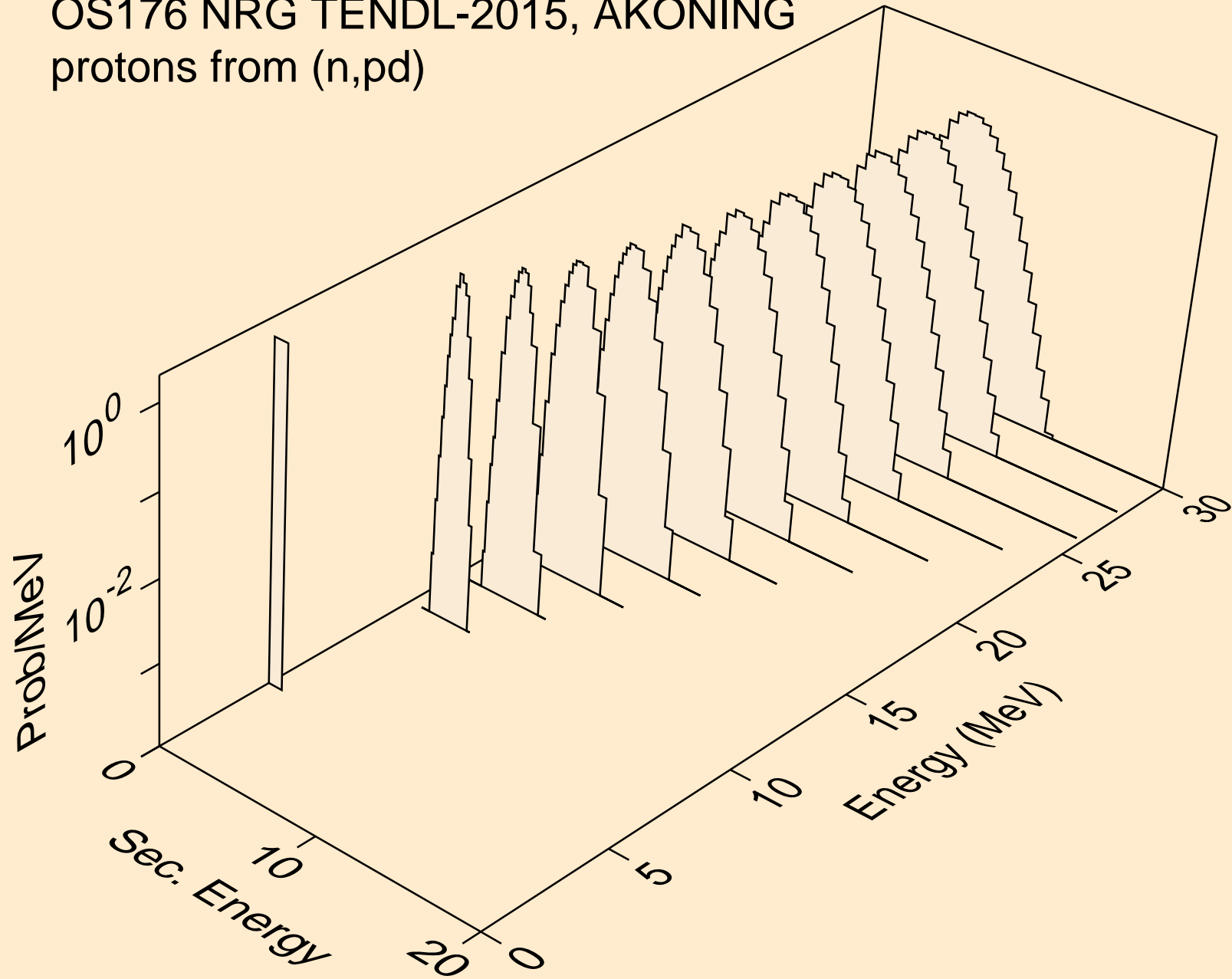
OS176 NRG TENDL-2015, AKONING  
protons from (n,2p)



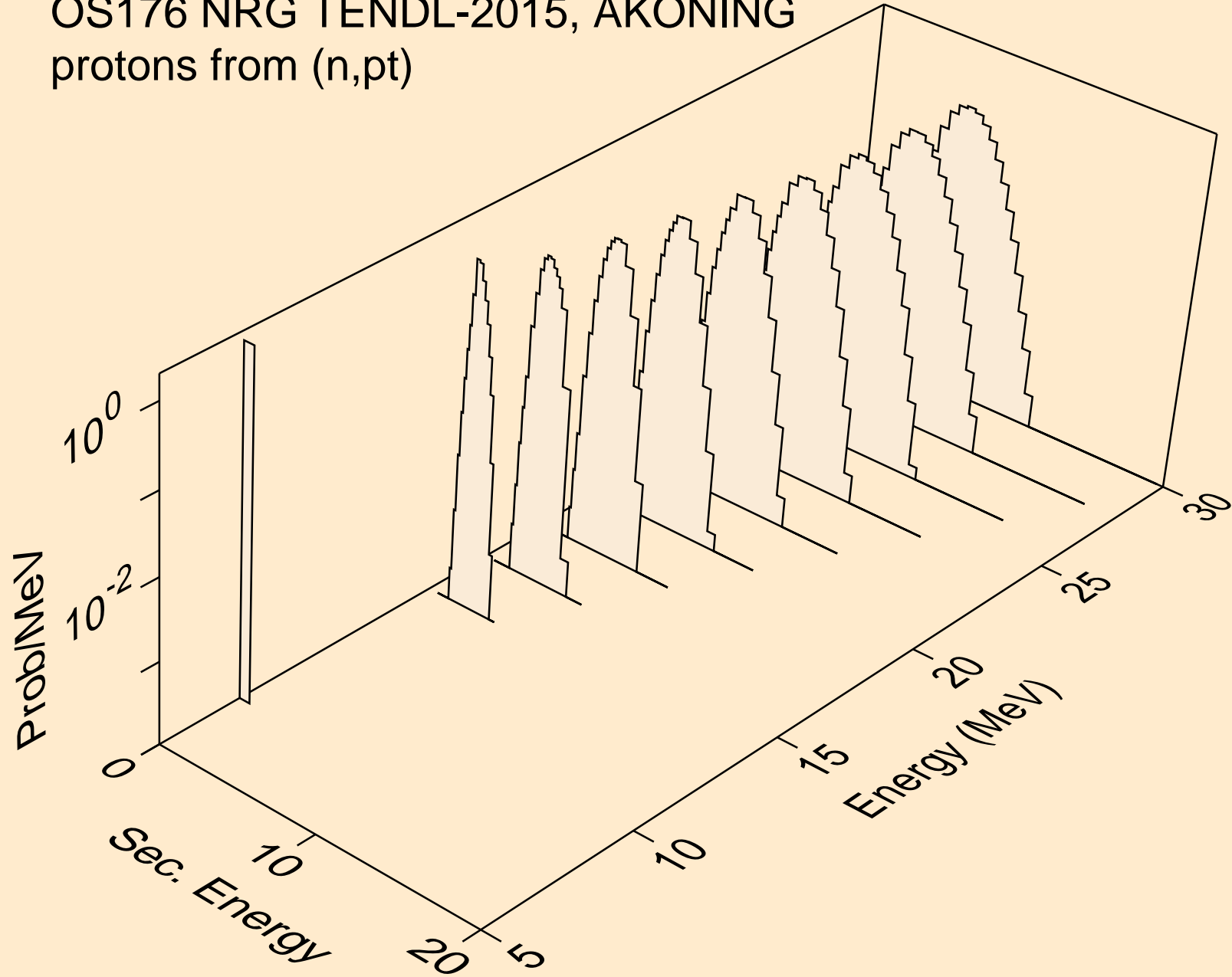
OS176 NRG TENDL-2015, AKONING  
protons from (n,pa)



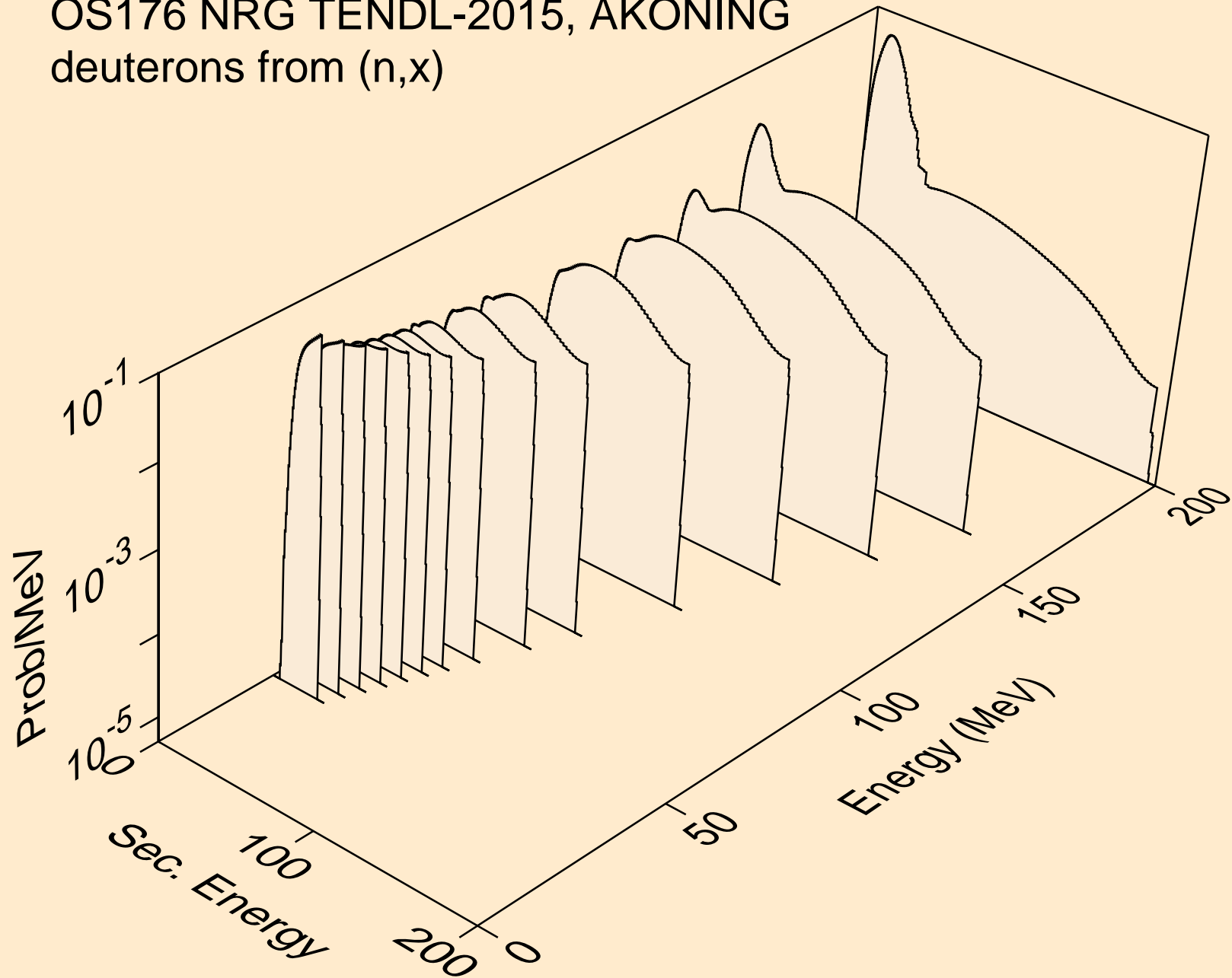
OS176 NRG TENDL-2015, AKONING  
protons from (n,pd)



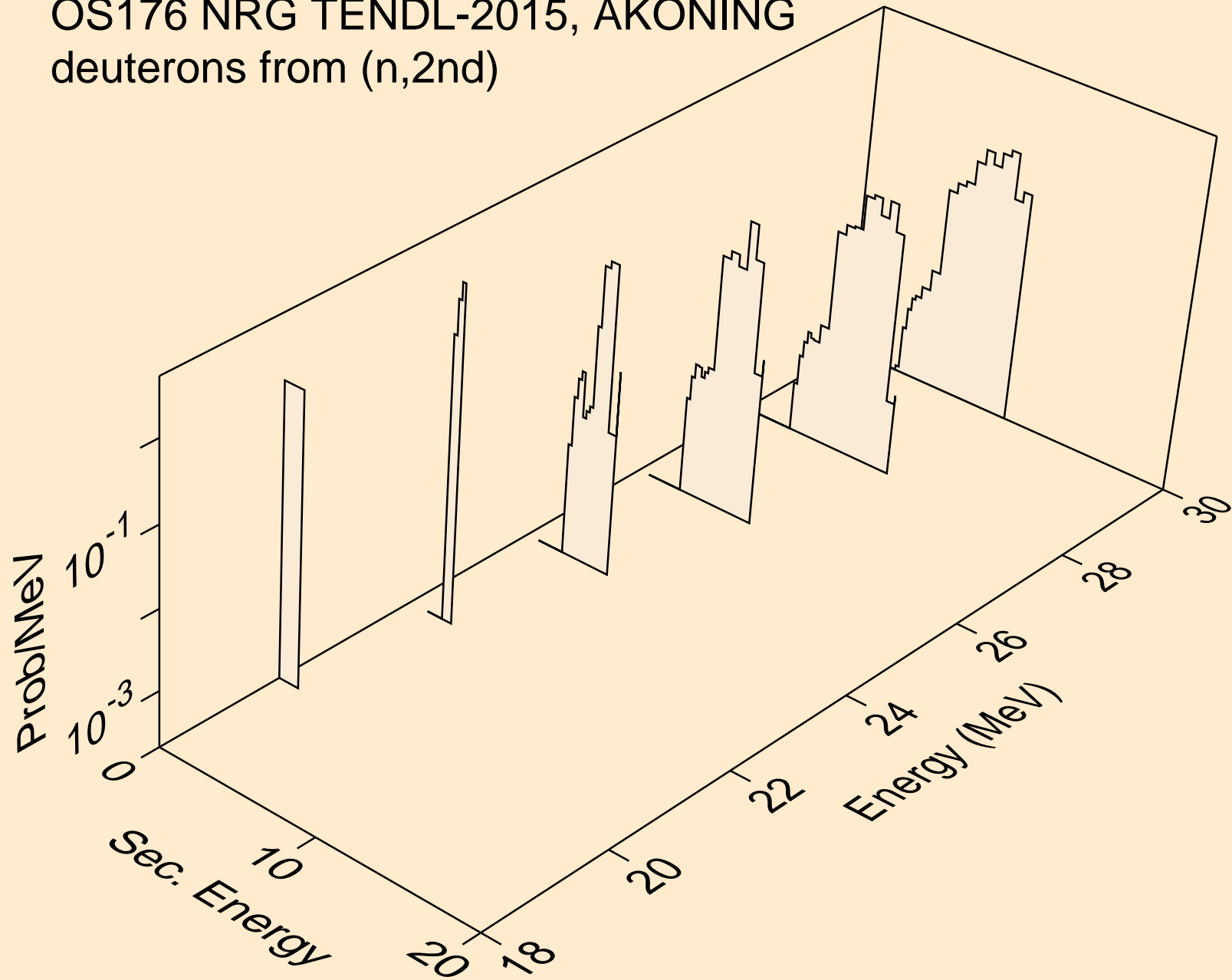
OS176 NRG TENDL-2015, AKONING  
protons from (n,pt)



OS176 NRG TENDL-2015, AKONING  
deuterons from (n,x)

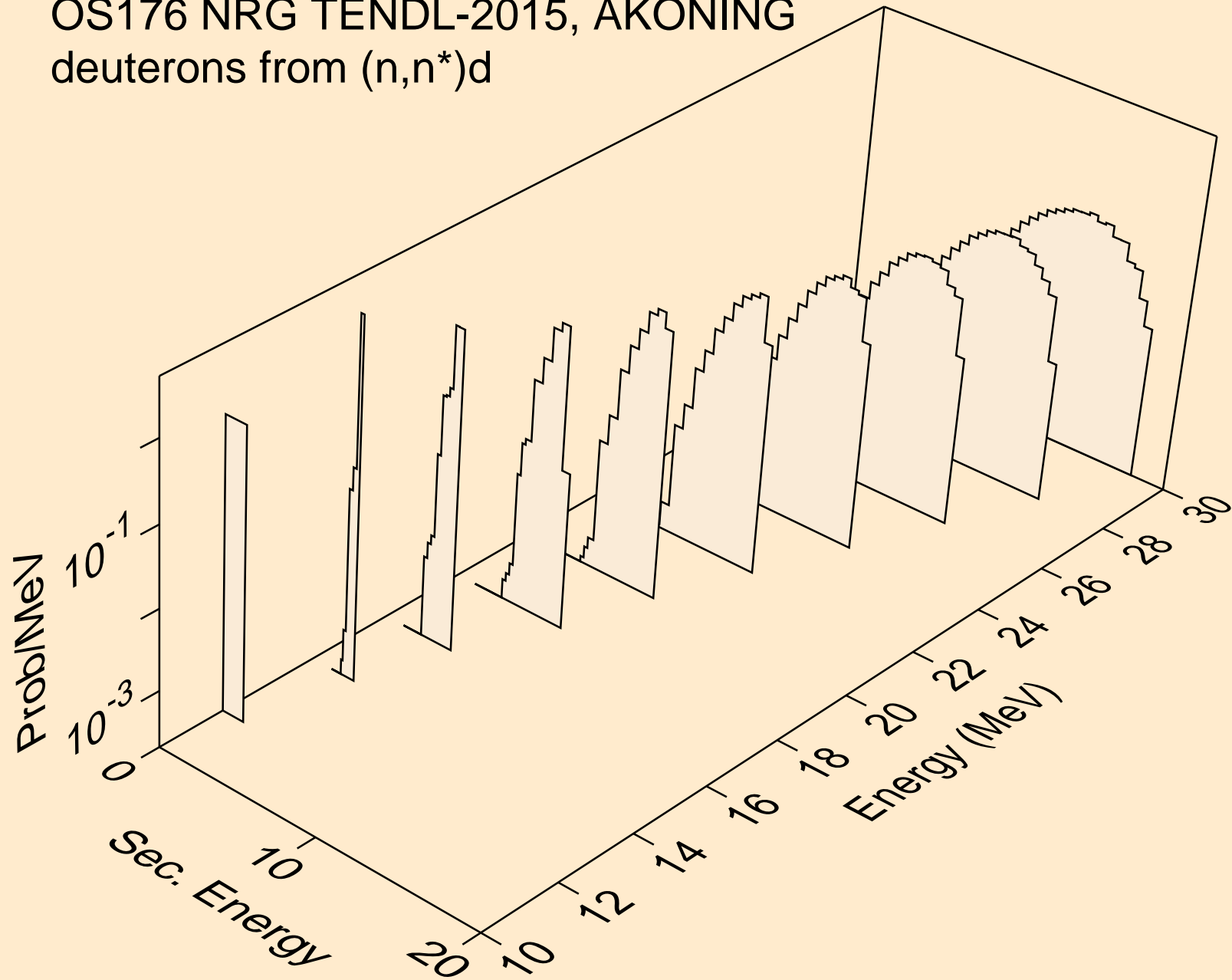


OS176 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)

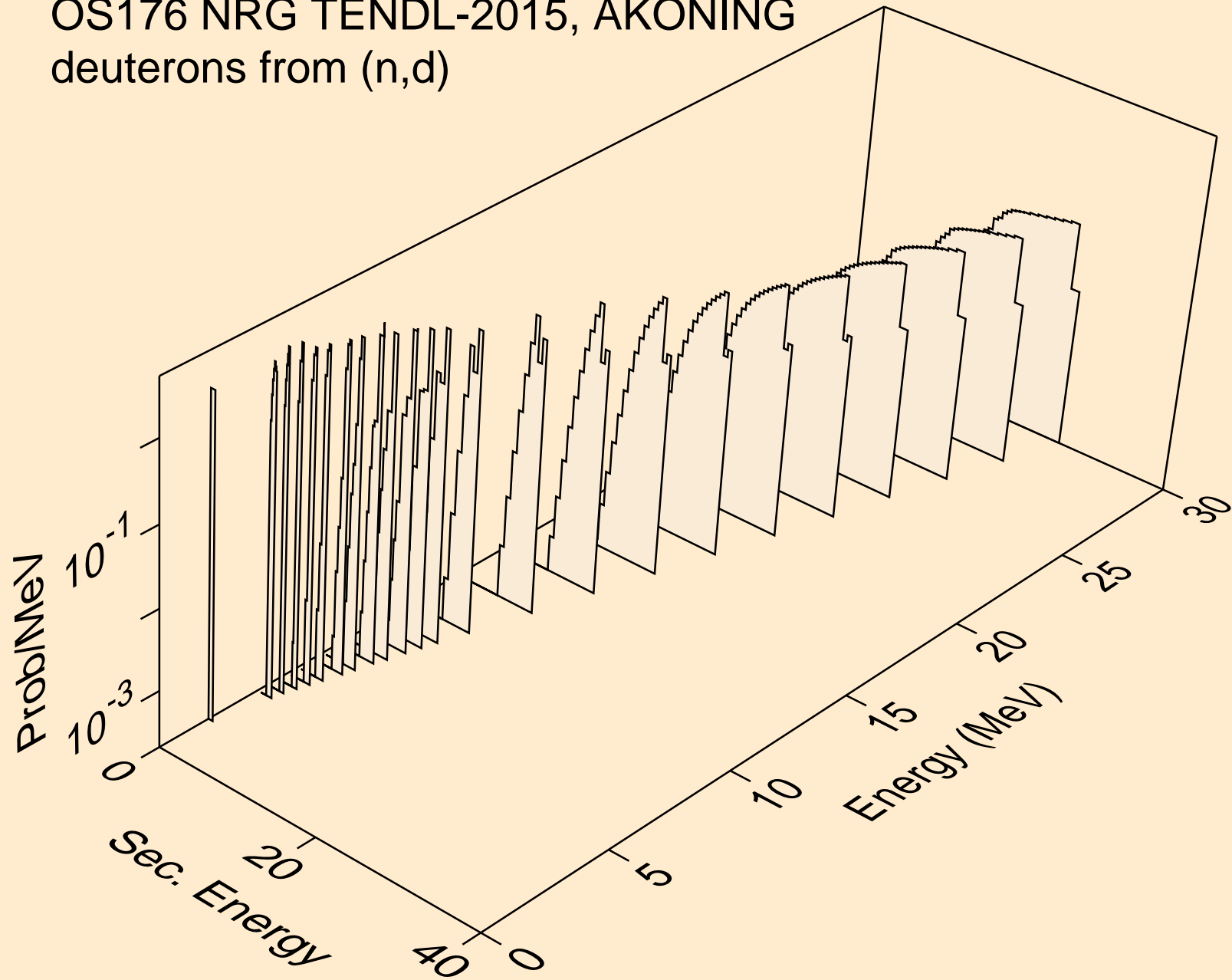




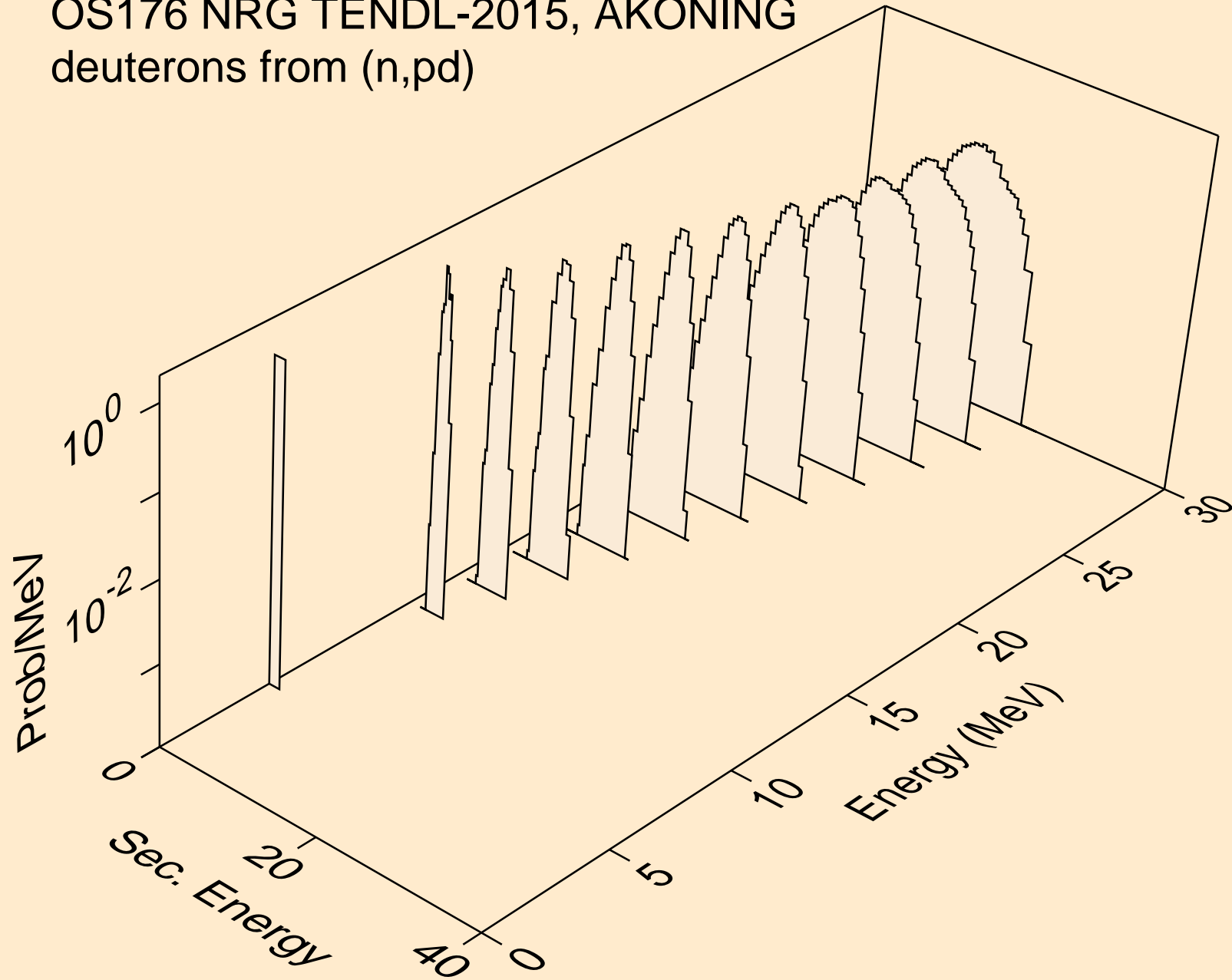
OS176 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



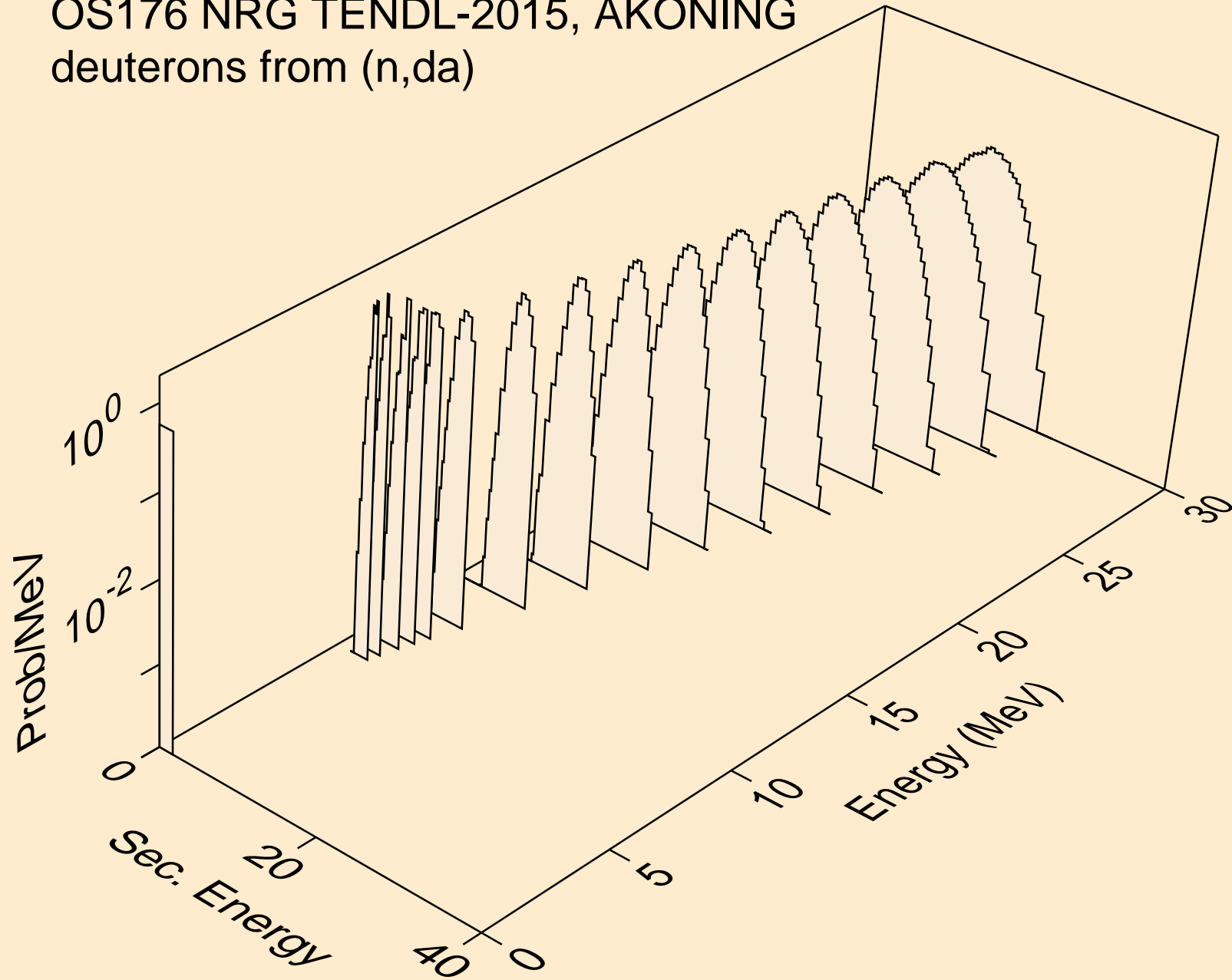
OS176 NRG TENDL-2015, AKONING  
deuterons from (n,d)



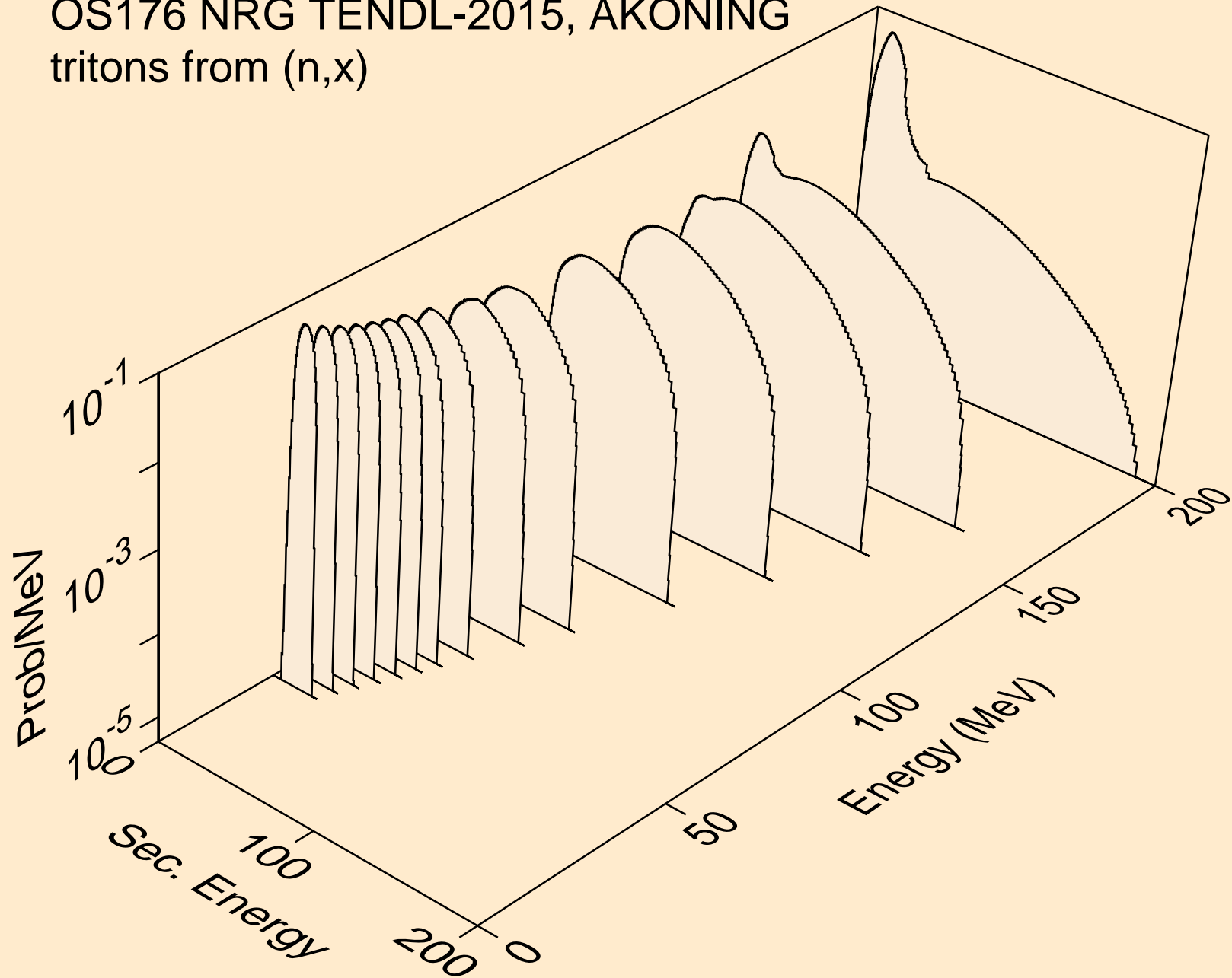
OS176 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



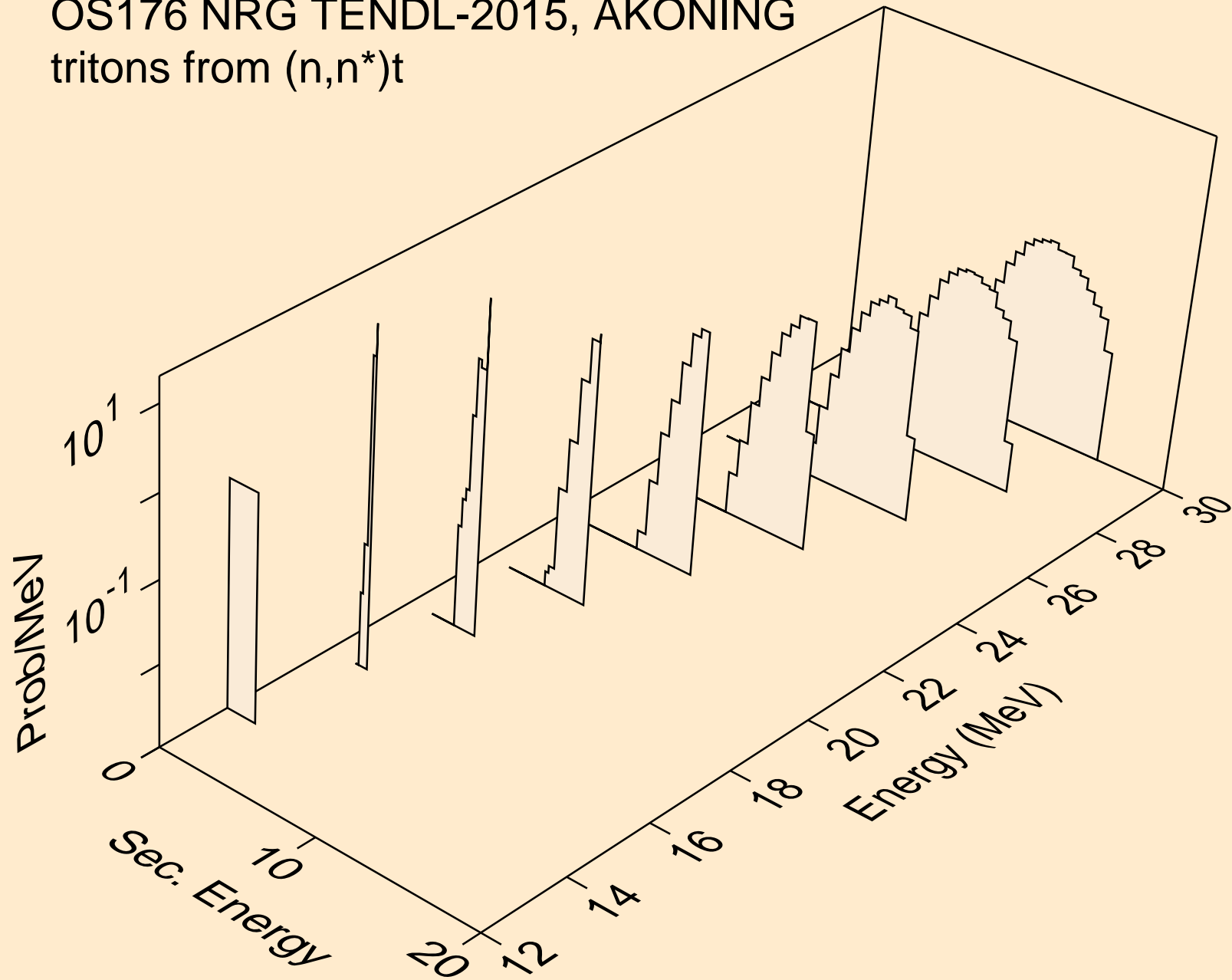
OS176 NRG TENDL-2015, AKONING  
deuterons from (n,da)



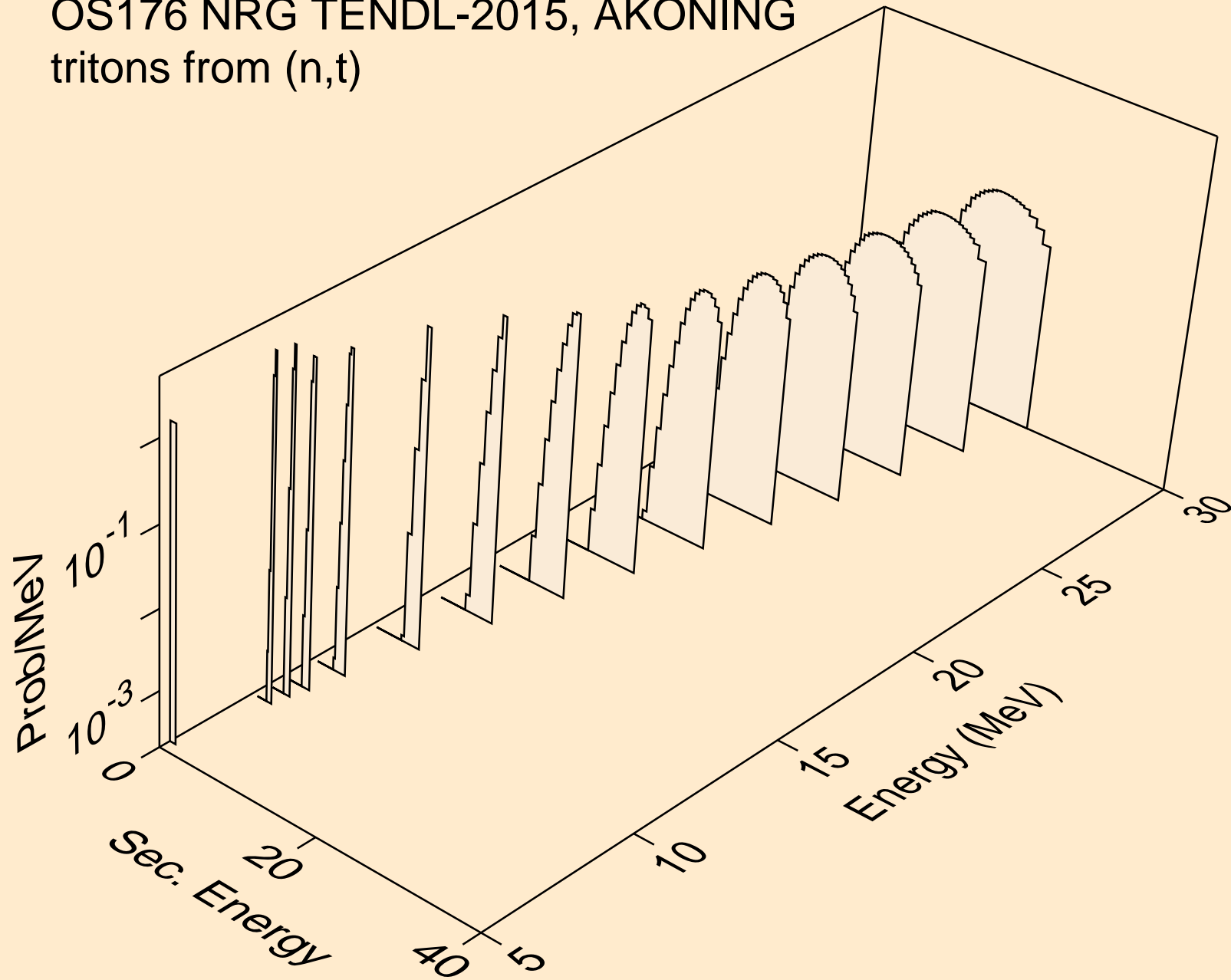
OS176 NRG TENDL-2015, AKONING  
tritons from (n,x)



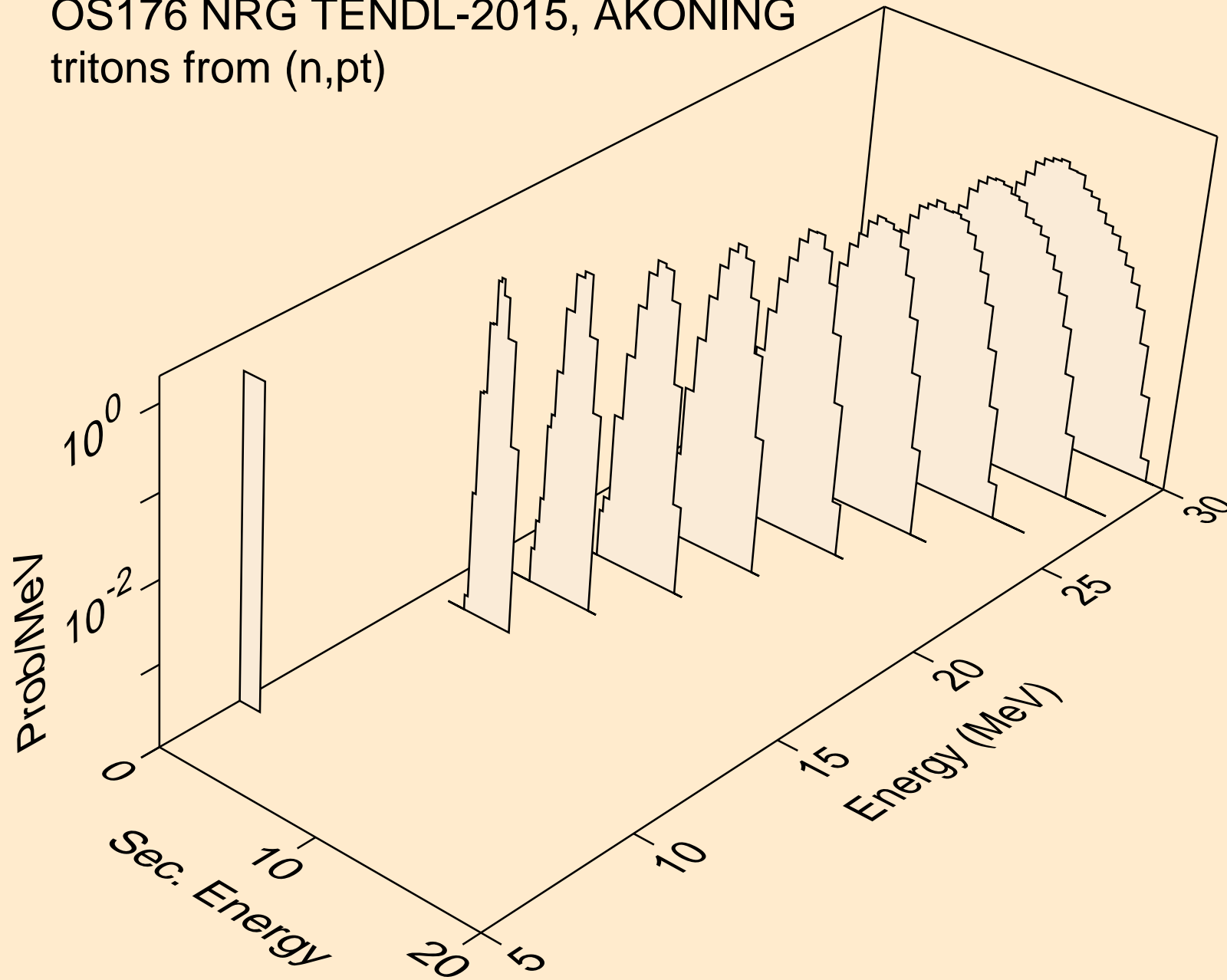
OS176 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



OS176 NRG TENDL-2015, AKONING  
tritons from (n,t)

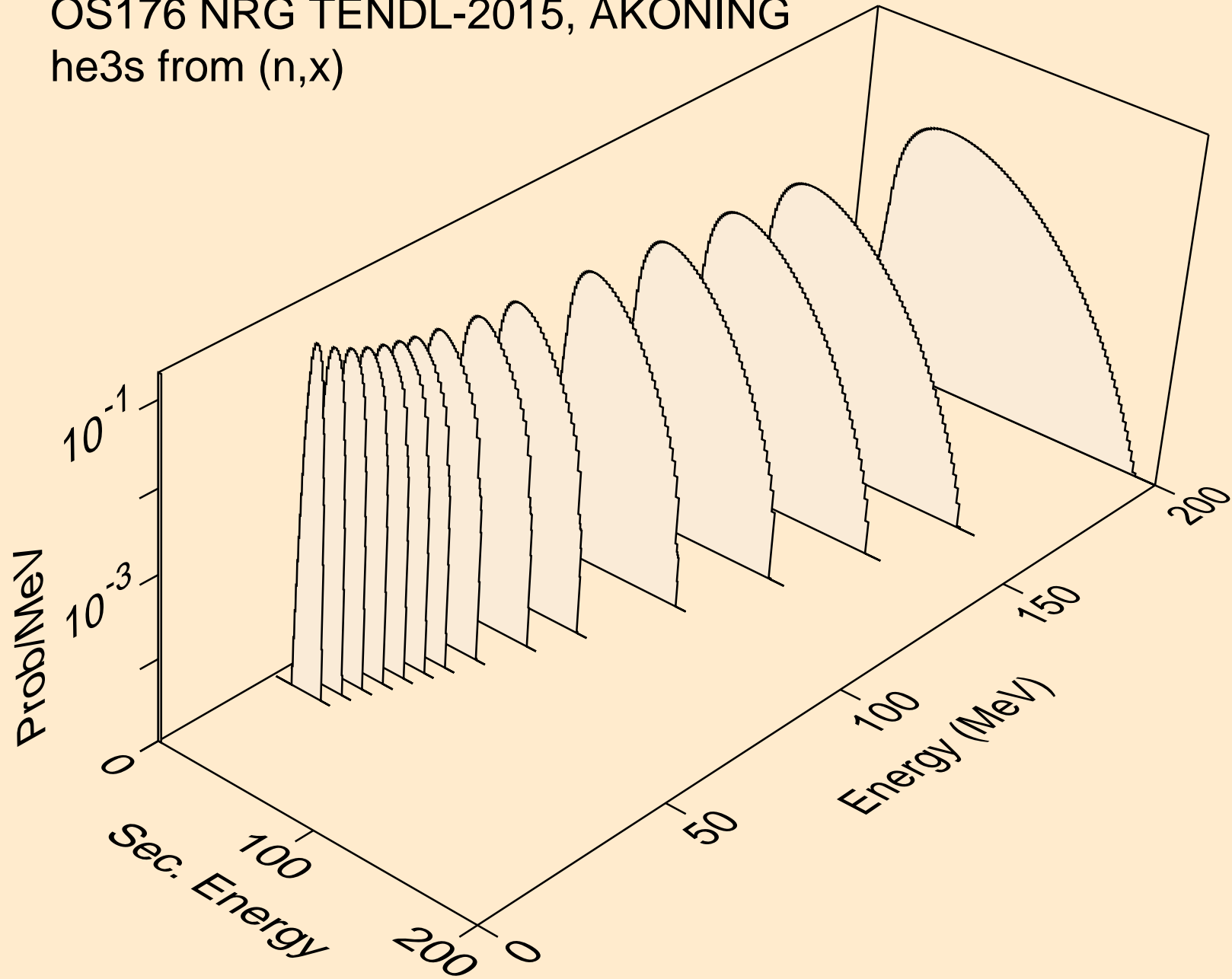


OS176 NRG TENDL-2015, AKONING  
tritons from (n,pt)

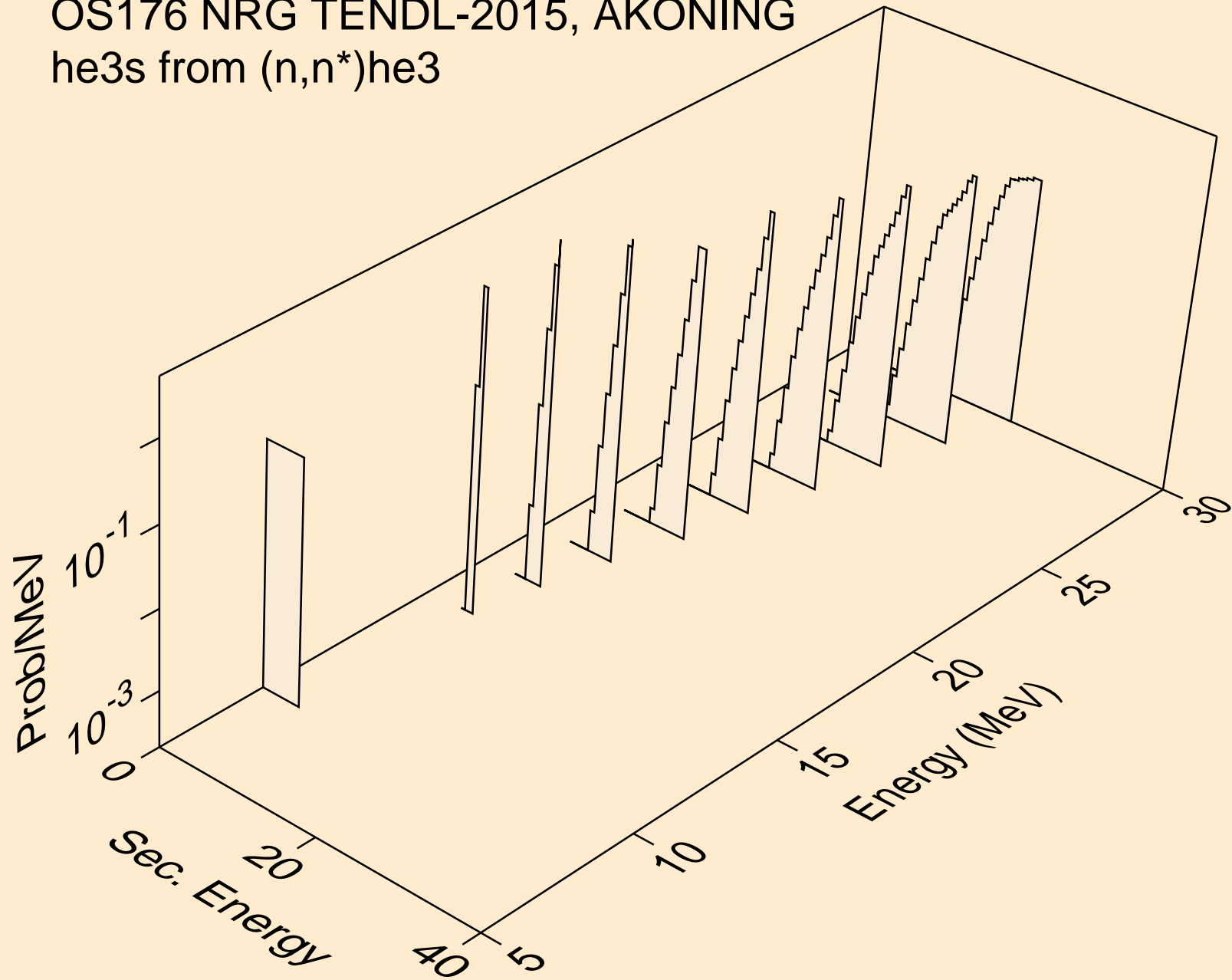




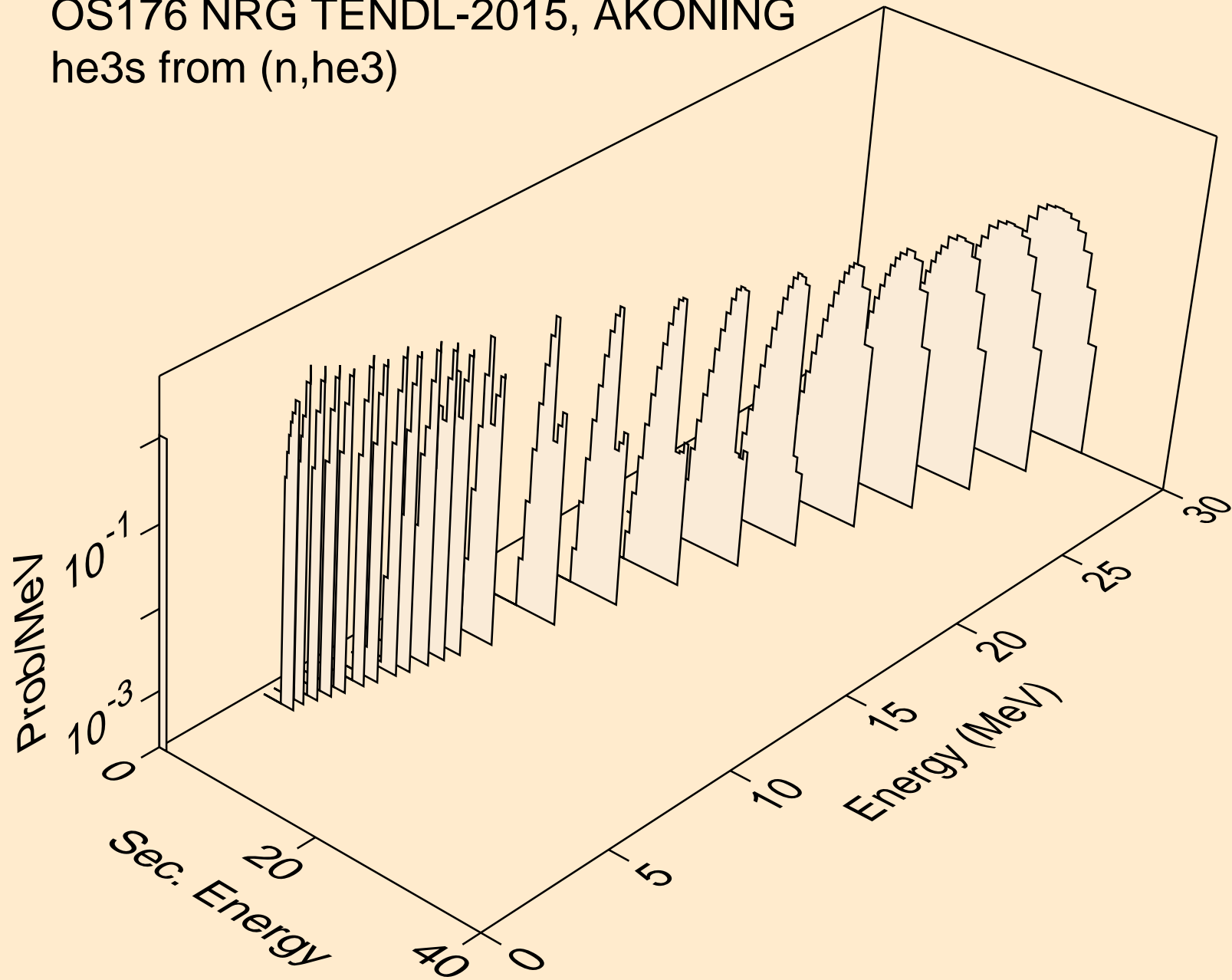
OS176 NRG TENDL-2015, AKONING  
he3s from (n,x)



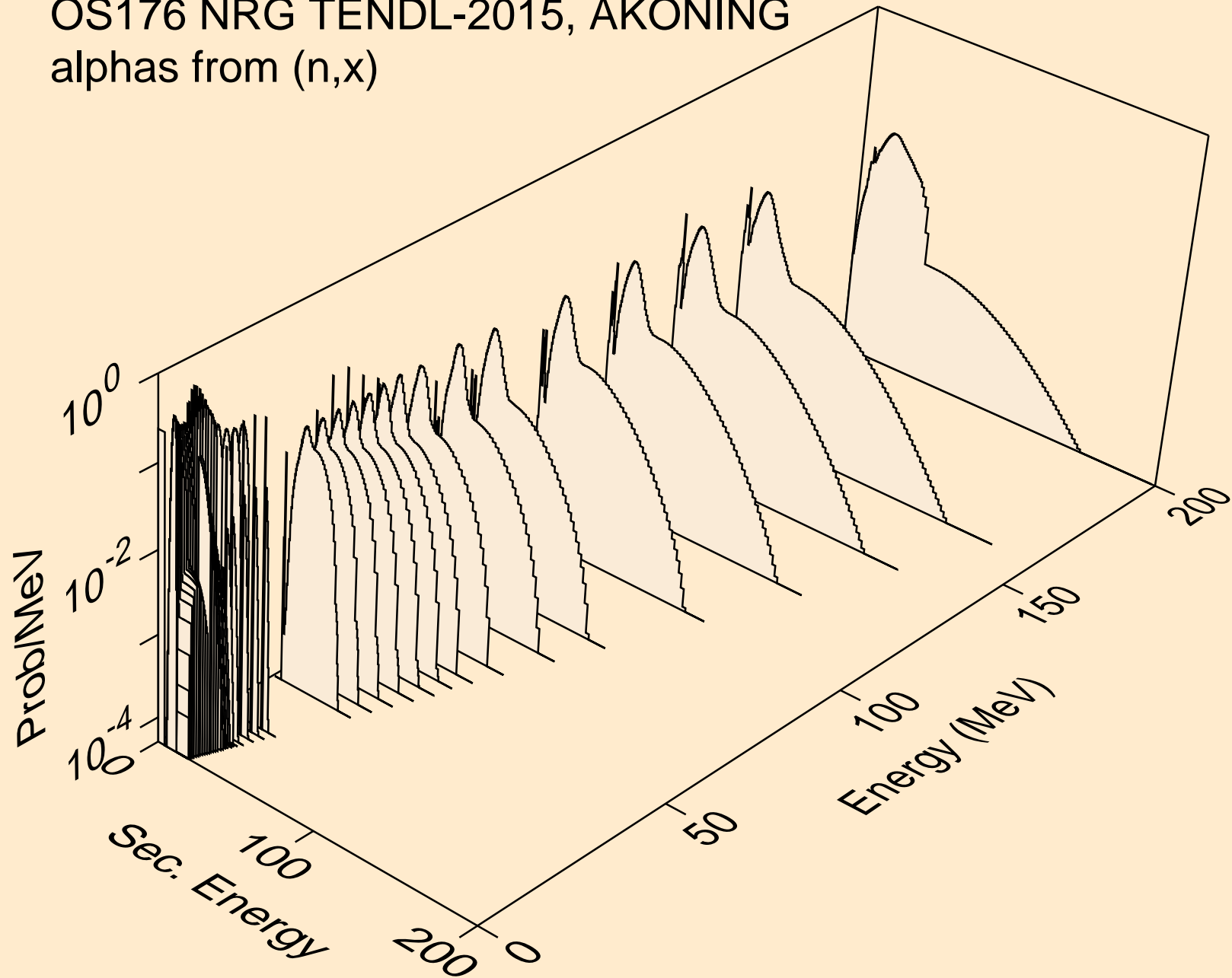
OS176 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



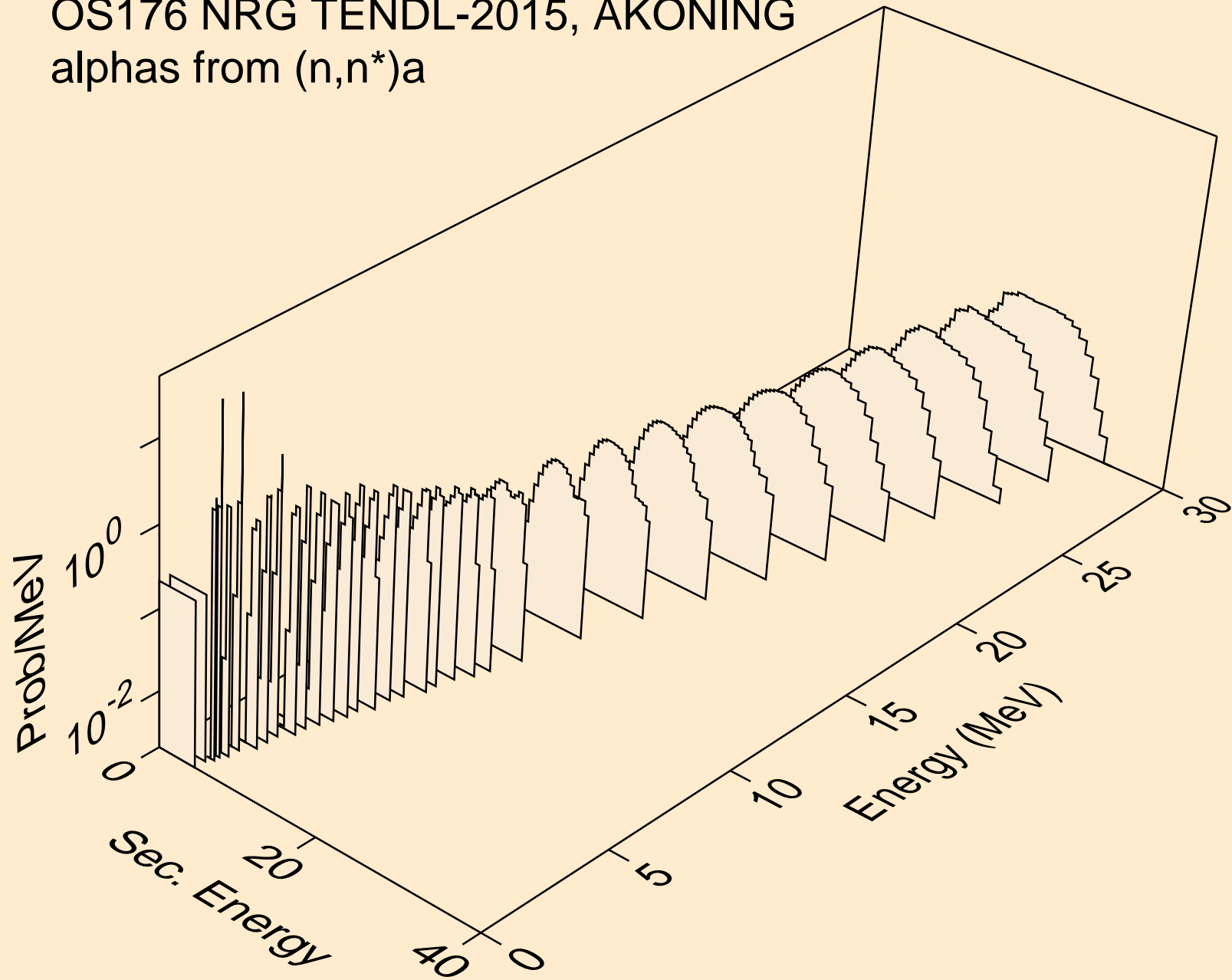
OS176 NRG TENDL-2015, AKONING  
he3s from (n,he3)



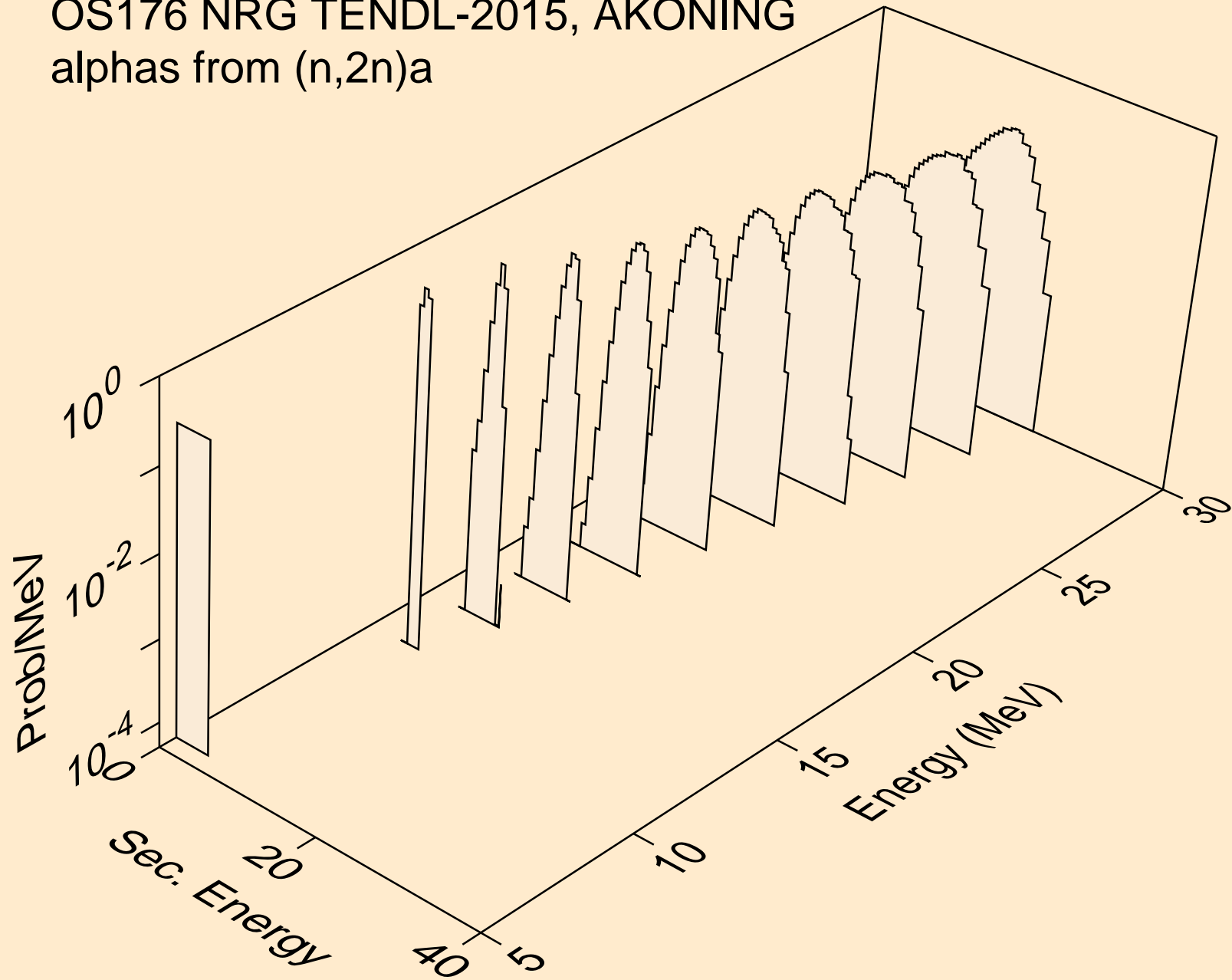
OS176 NRG TENDL-2015, AKONING  
alphas from (n,x)



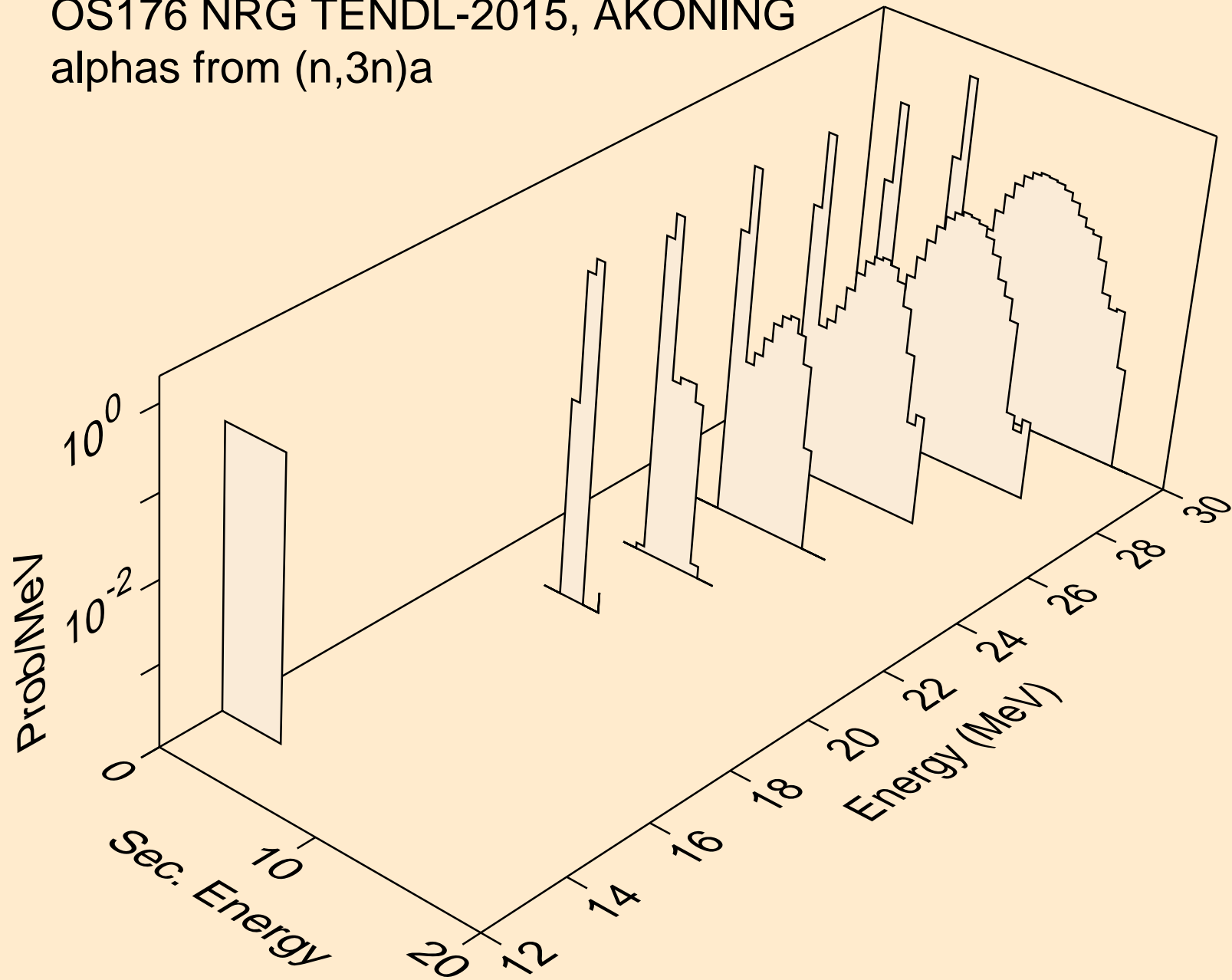
OS176 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



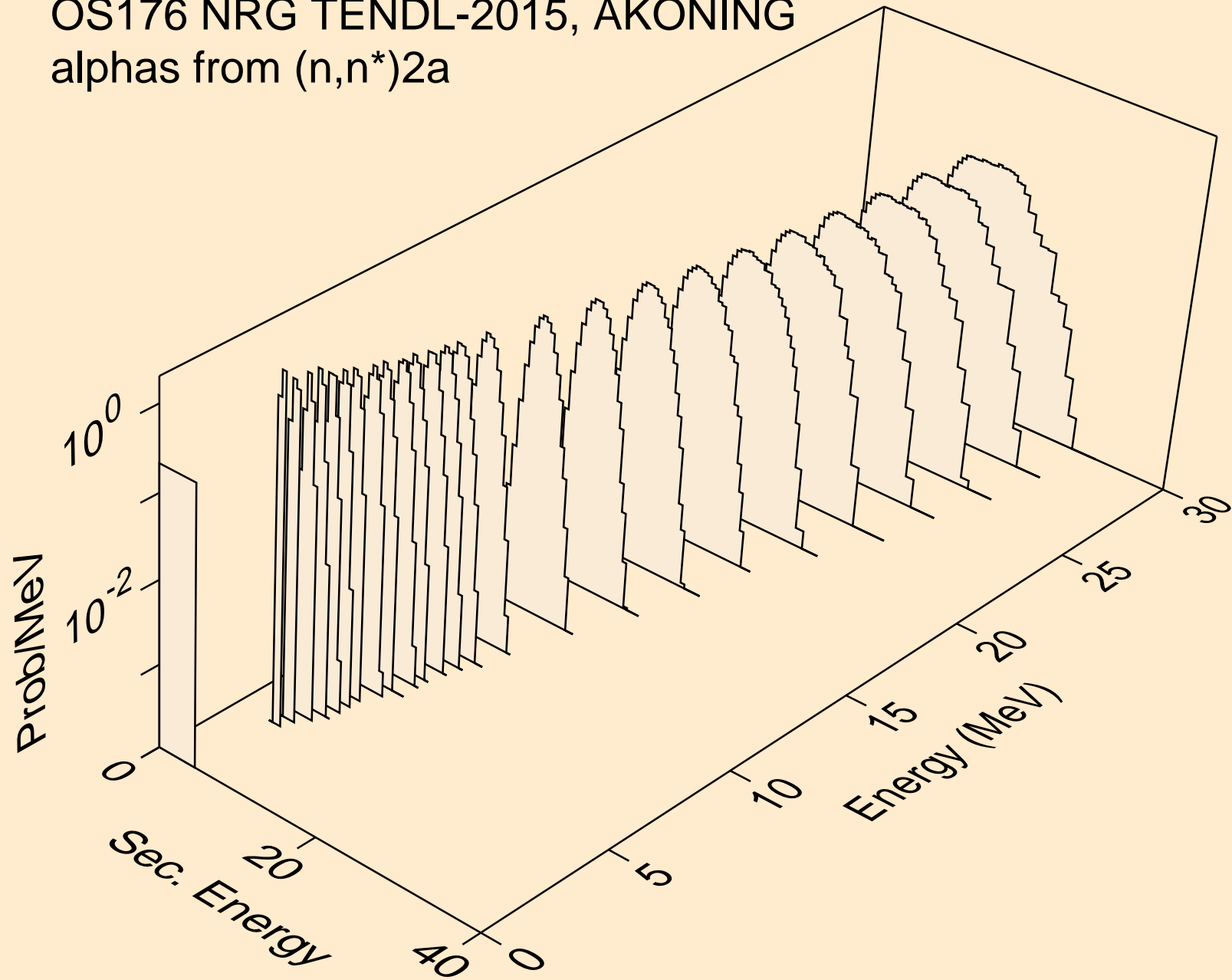
OS176 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



OS176 NRG TENDL-2015, AKONING  
alphas from (n,3n)a

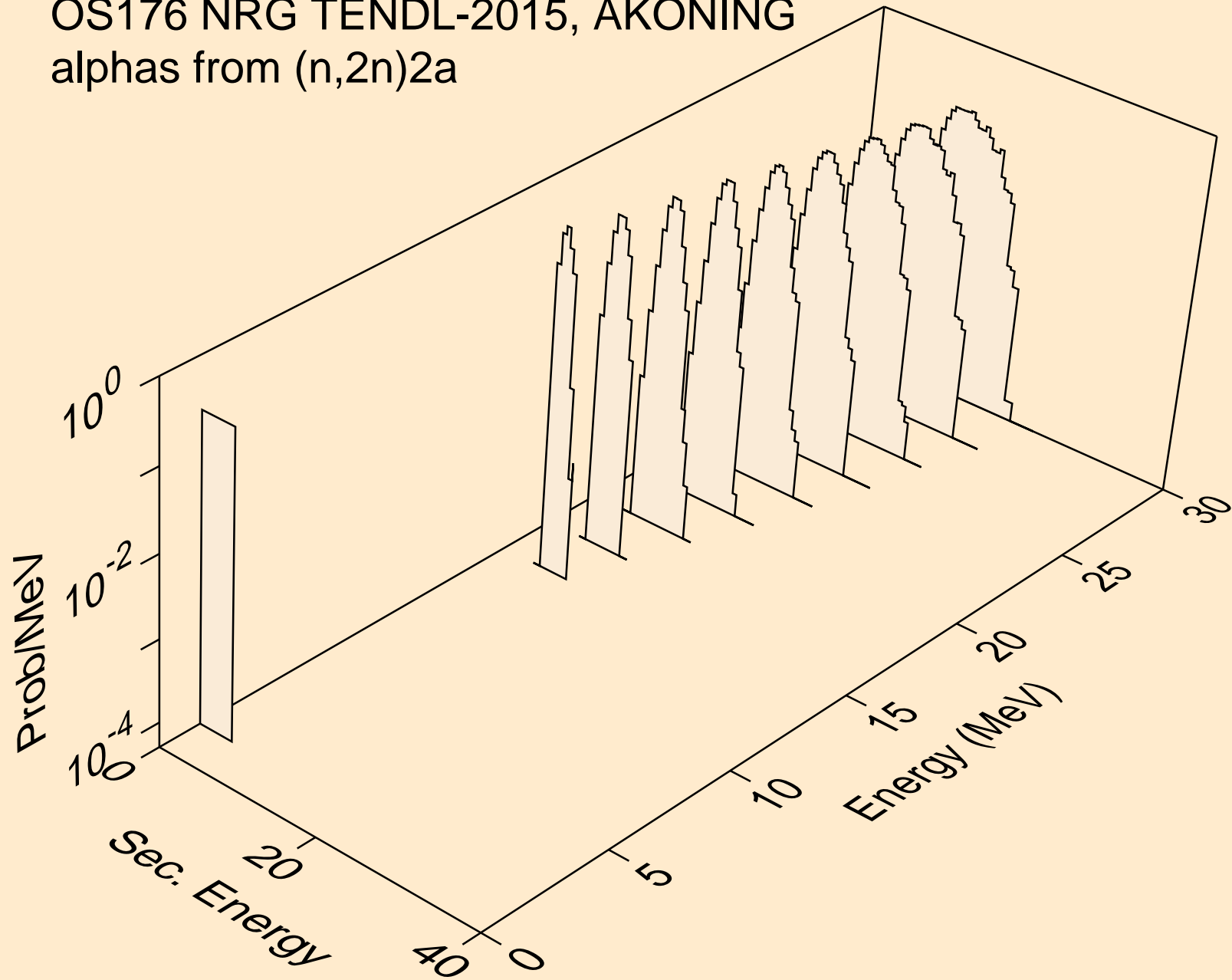


OS176 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a

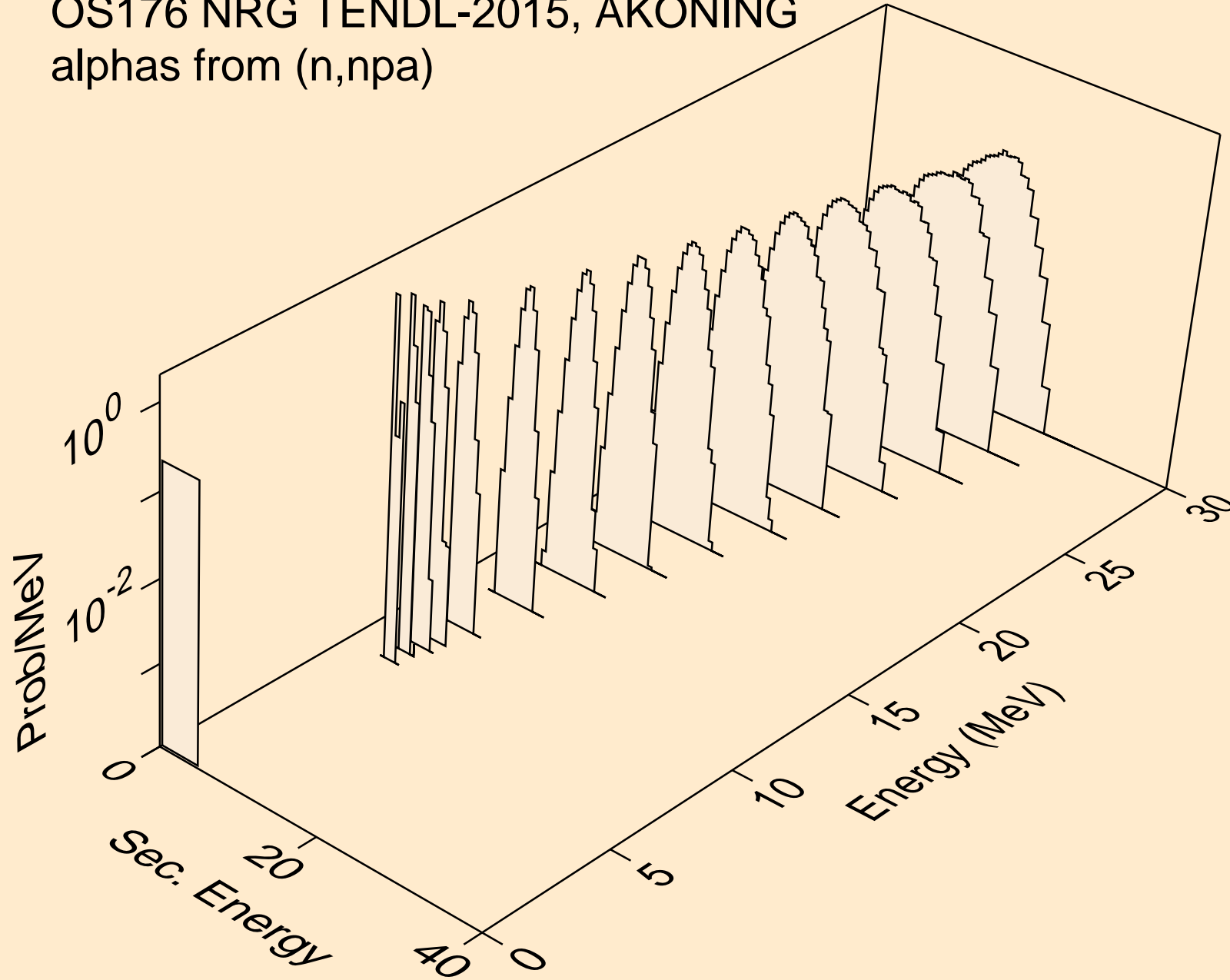




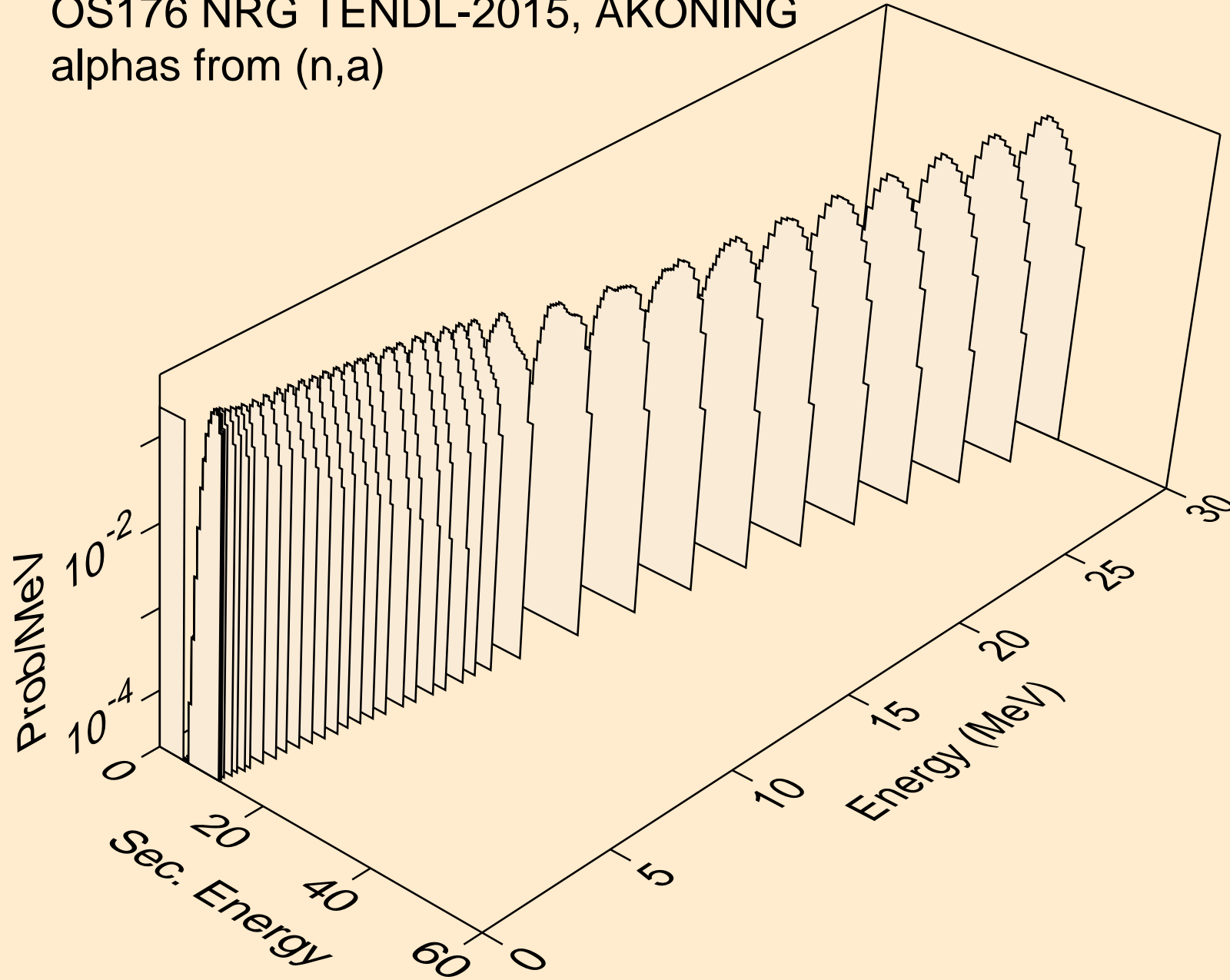
OS176 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



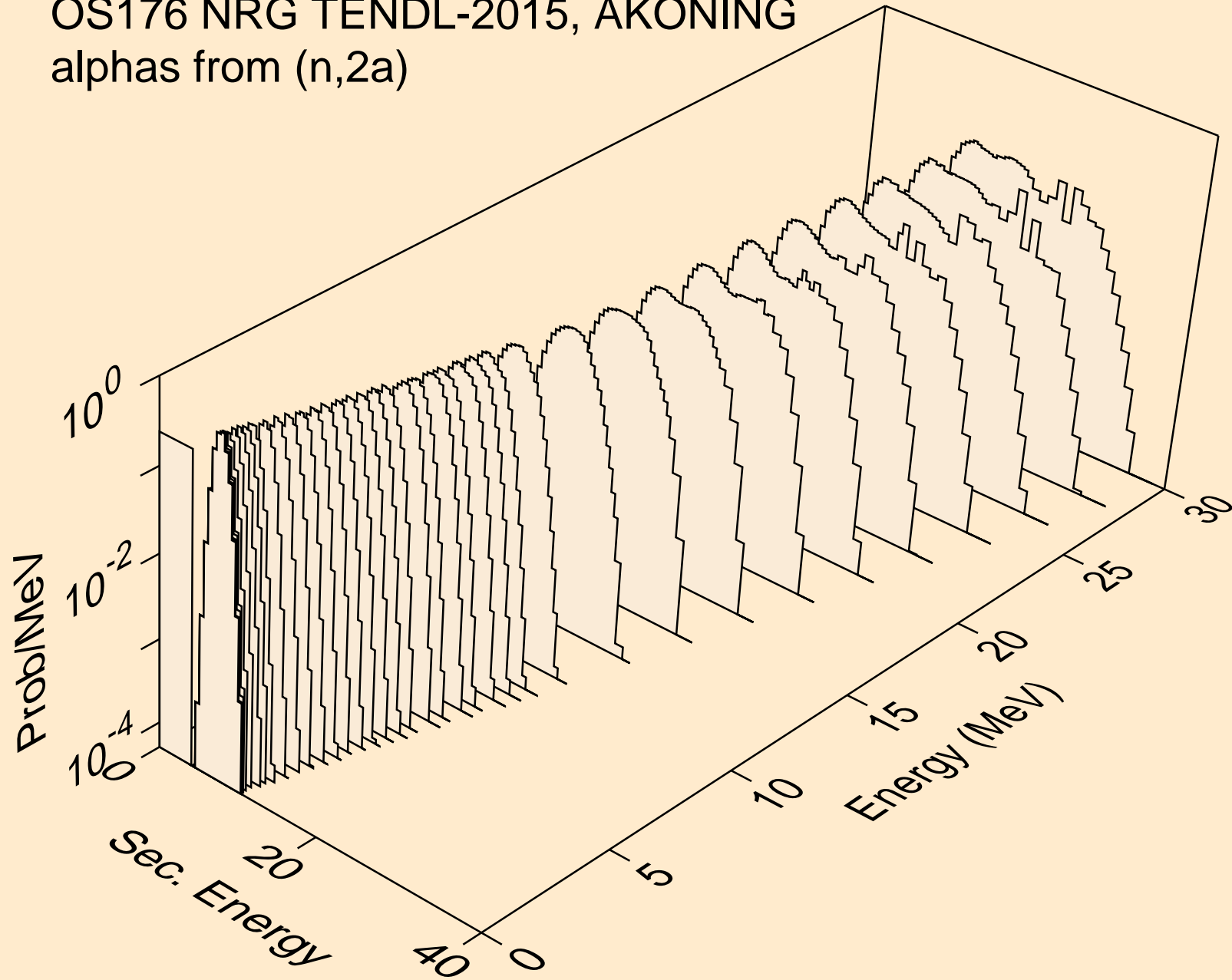
OS176 NRG TENDL-2015, AKONING  
alphas from (n,npa)



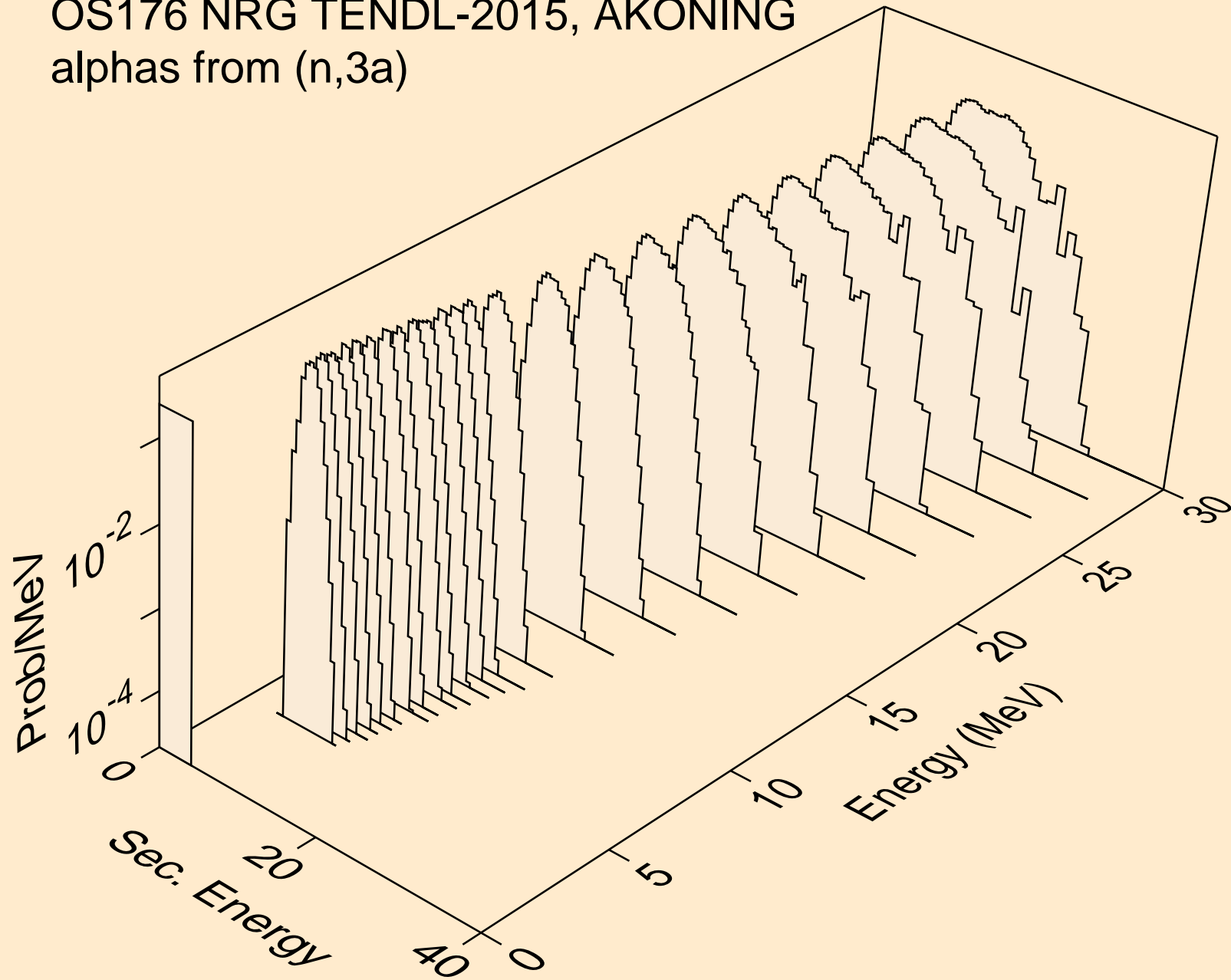
OS176 NRG TENDL-2015, AKONING  
alphas from (n,a)



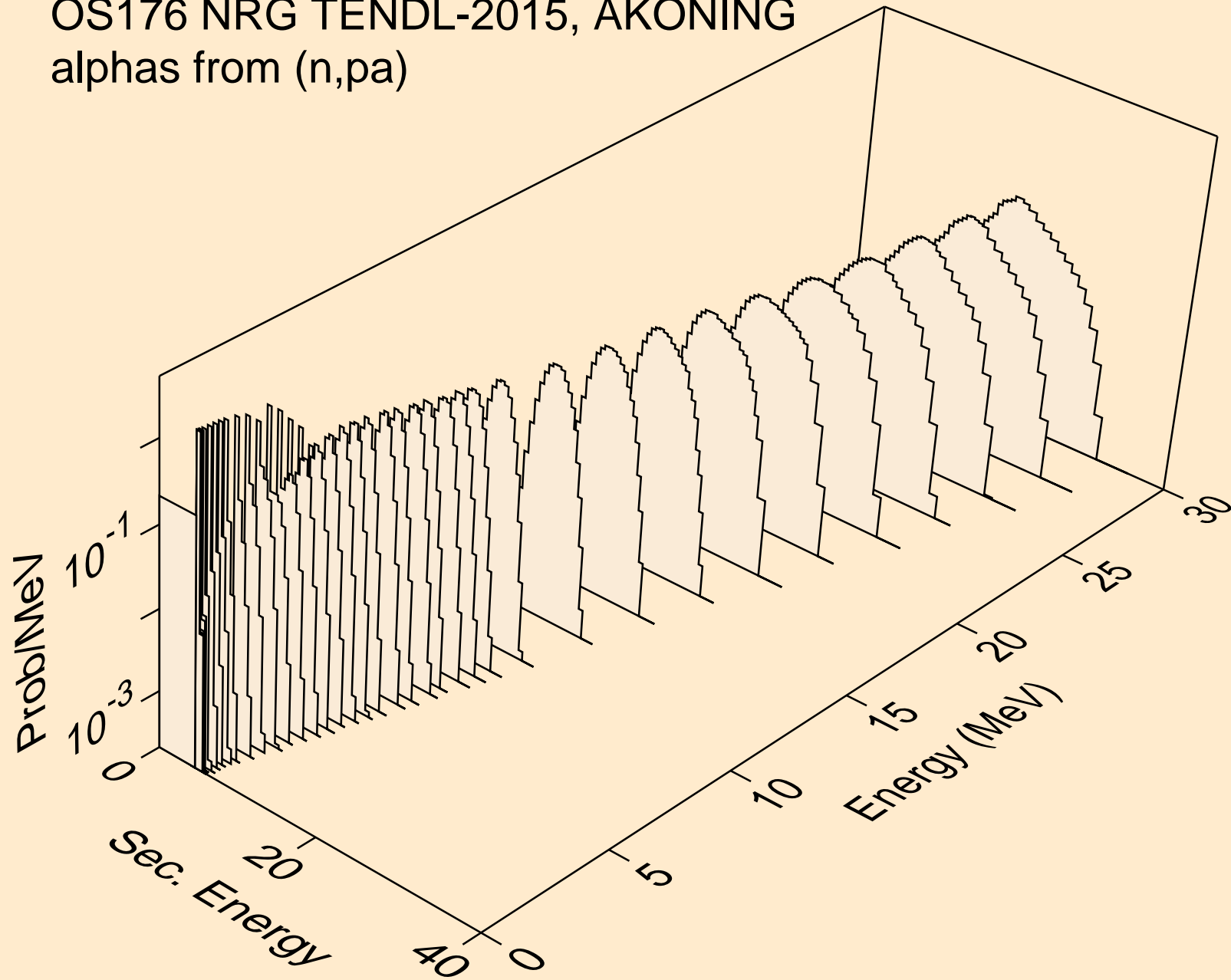
OS176 NRG TENDL-2015, AKONING  
alphas from (n,2a)



OS176 NRG TENDL-2015, AKONING  
alphas from (n,3a)



OS176 NRG TENDL-2015, AKONING  
alphas from (n,pa)



OS176 NRG TENDL-2015, AKONING  
alphas from (n,da)

