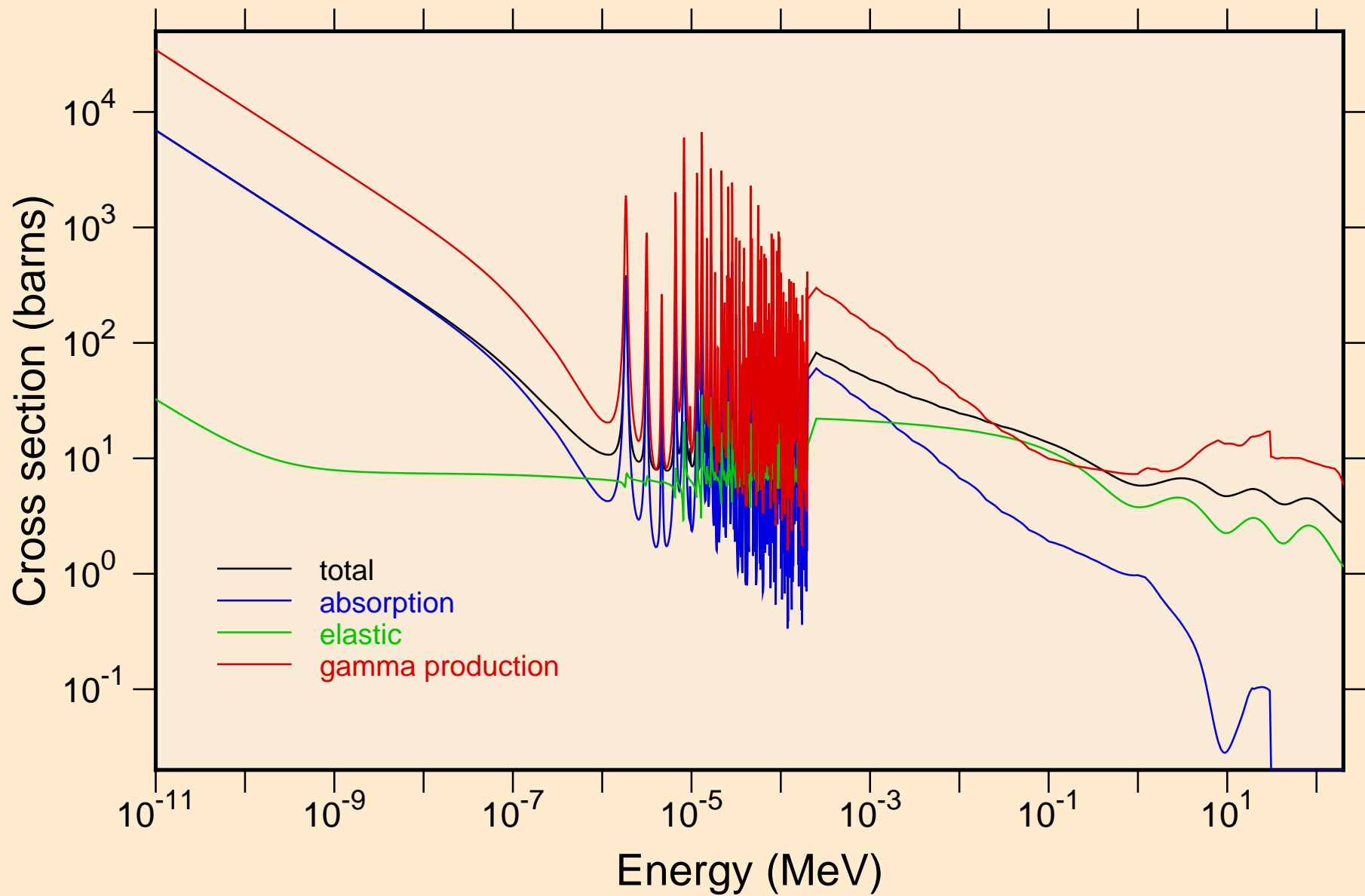
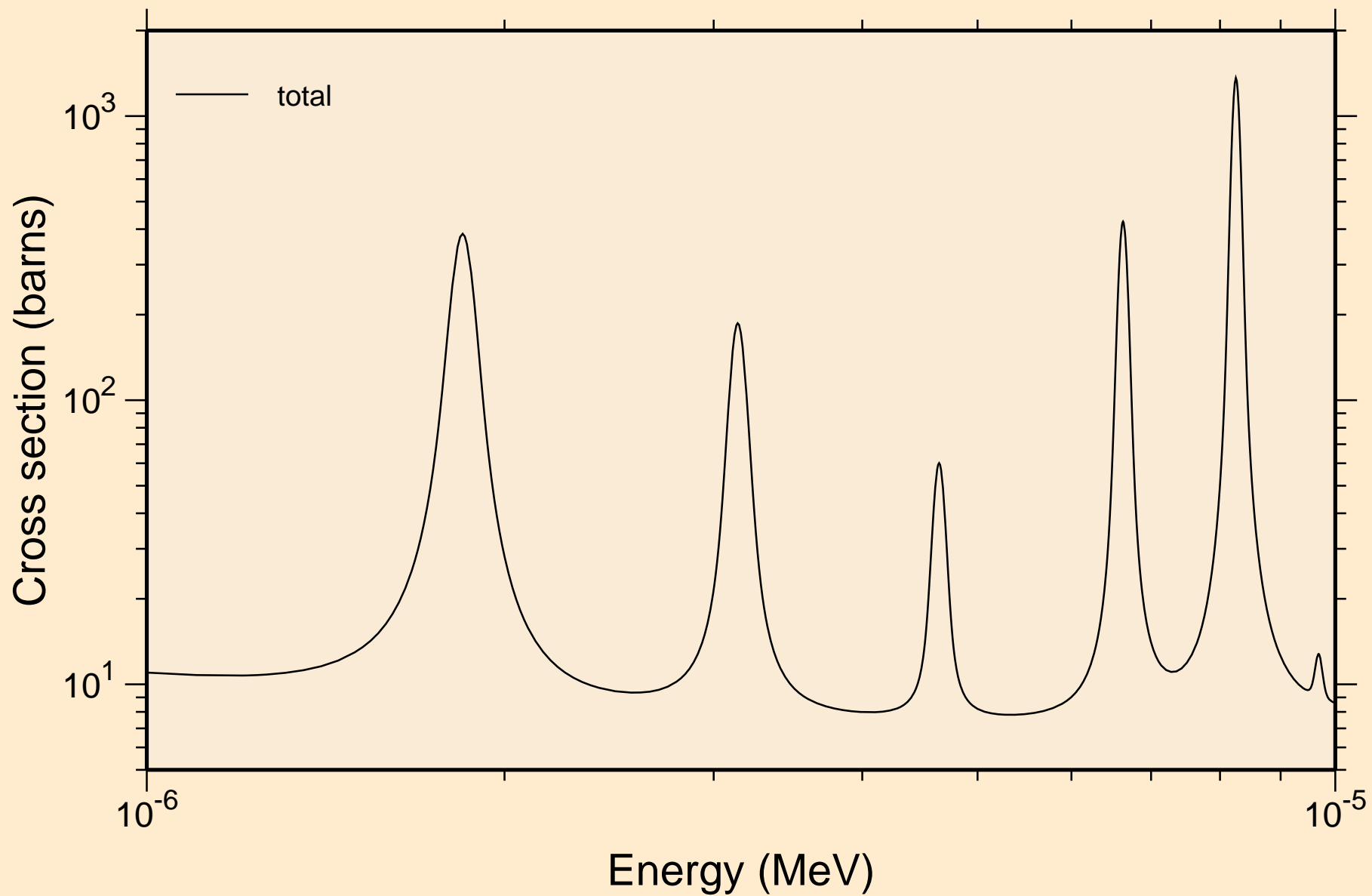


# OS179 NRG TENDL-2015, AKONING

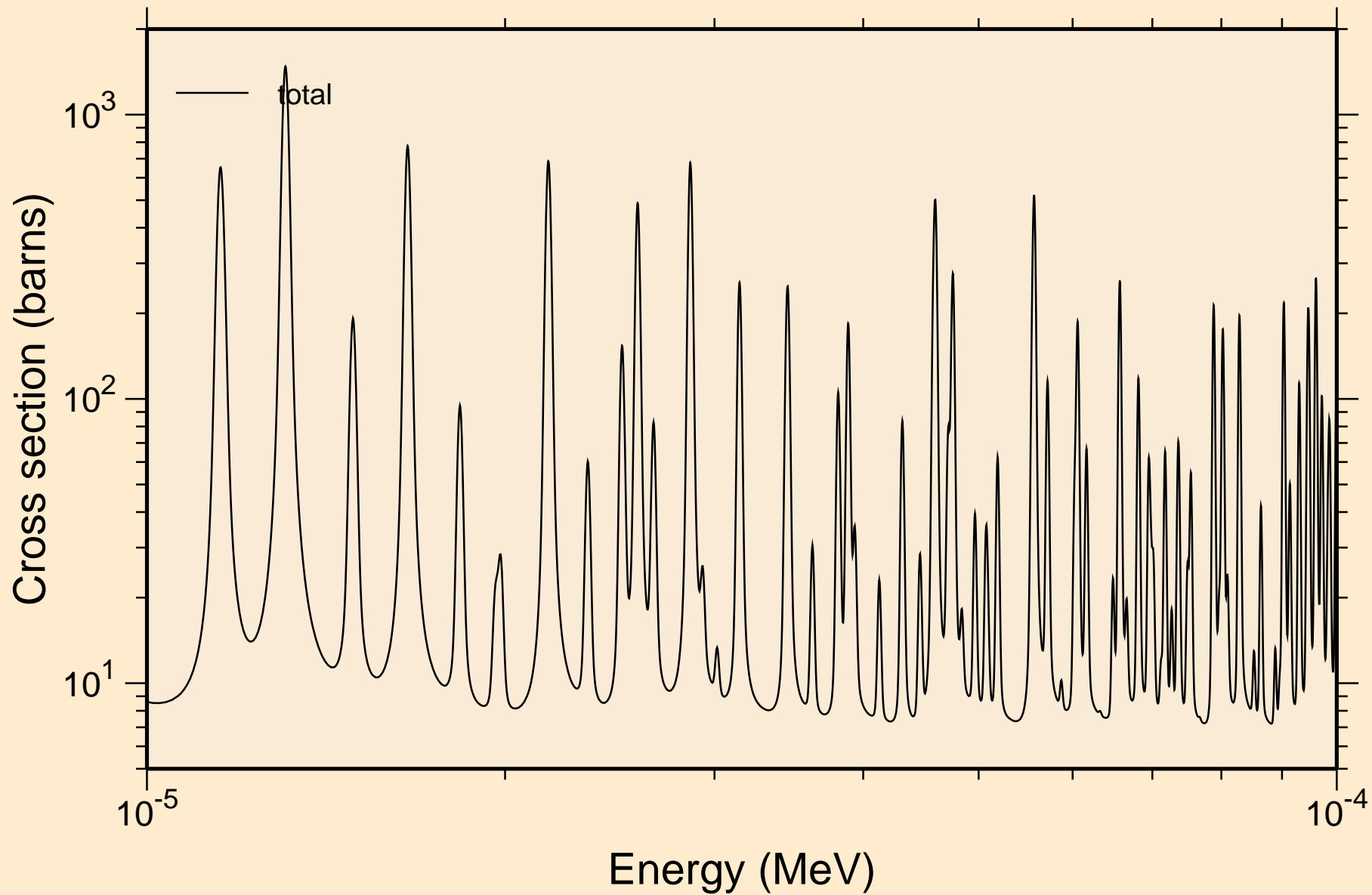
## Principal cross sections



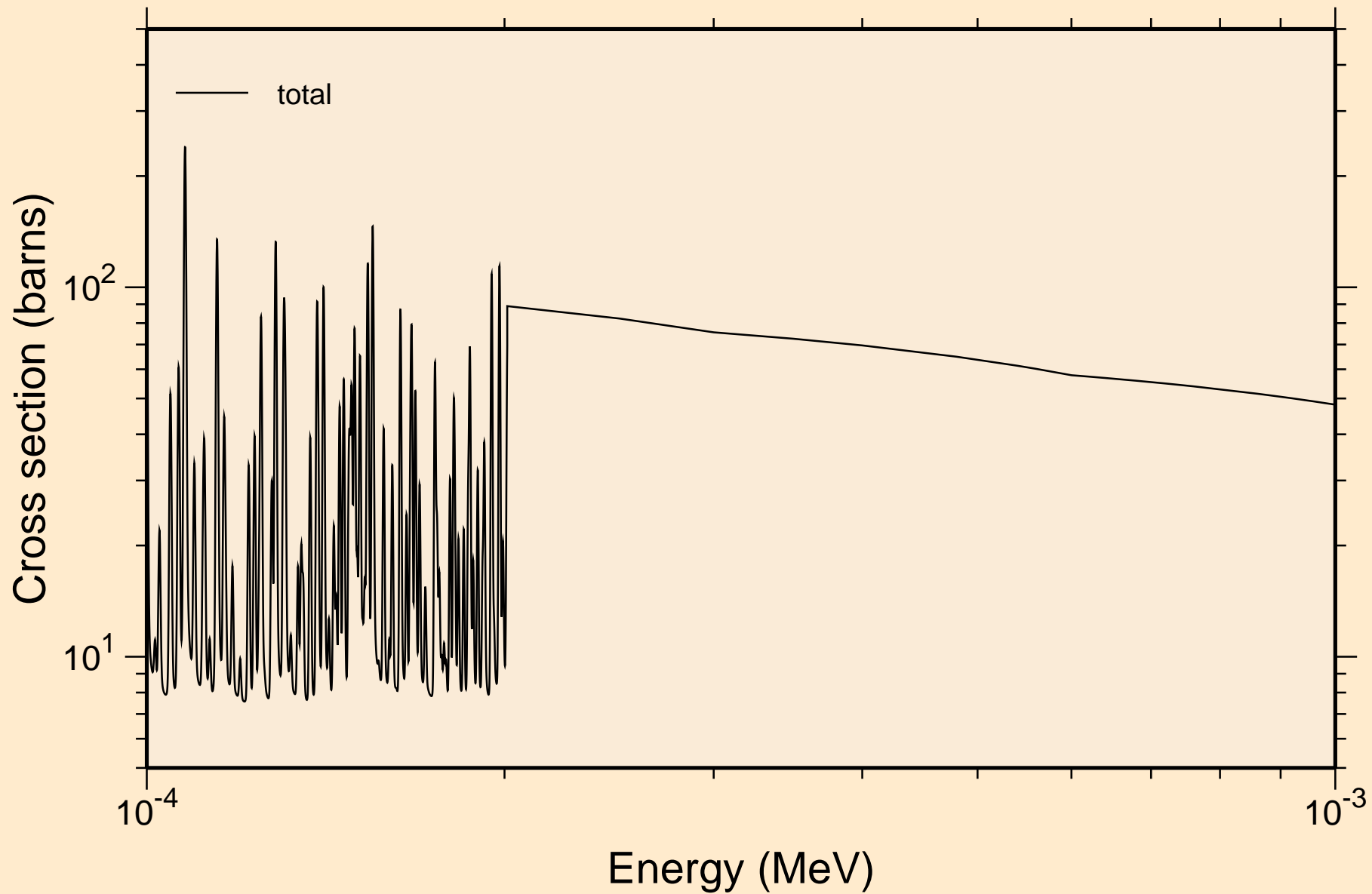
OS179 NRG TENDL-2015, AKONING  
resonance total cross section



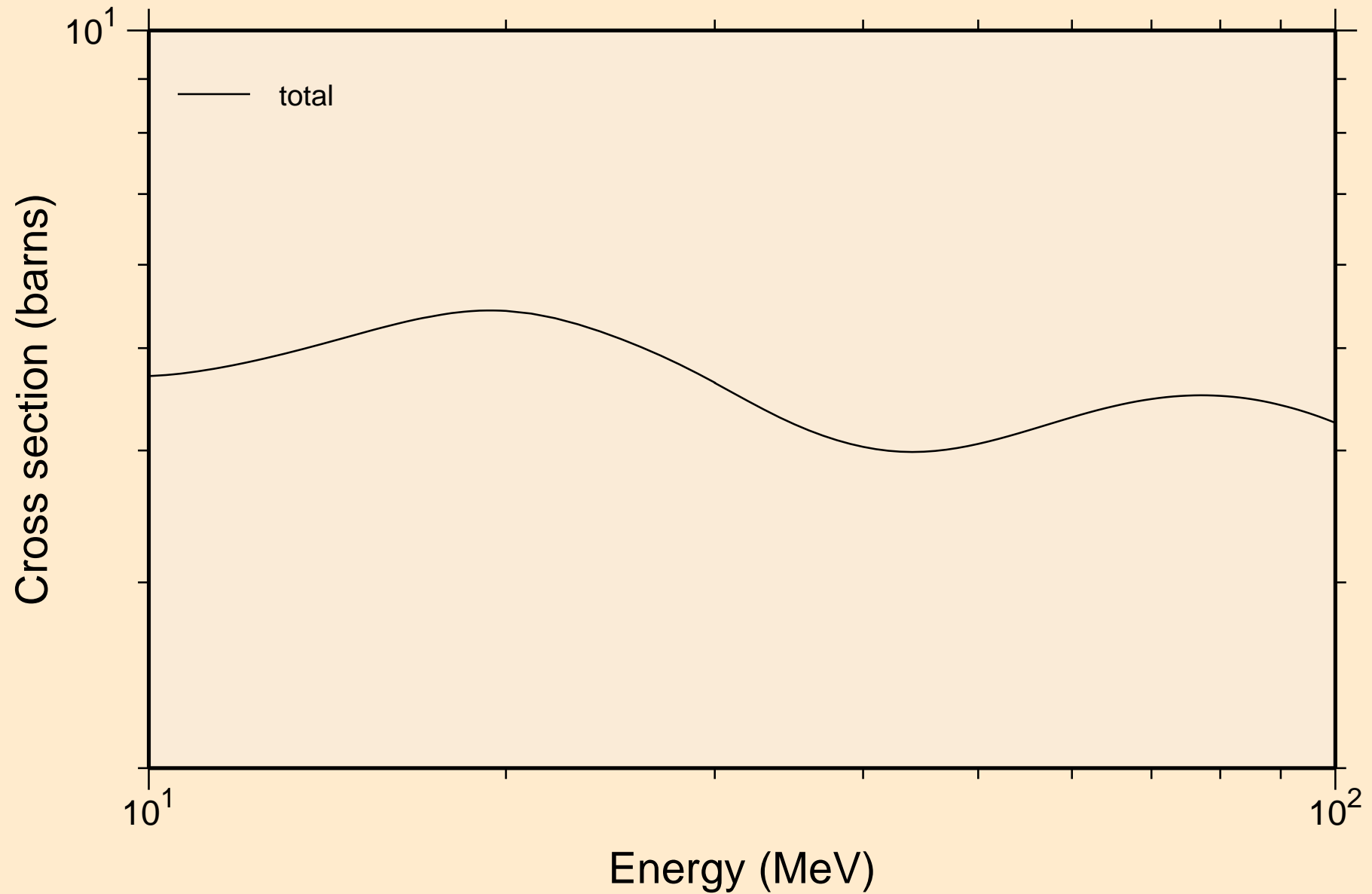
OS179 NRG TENDL-2015, AKONING  
resonance total cross section



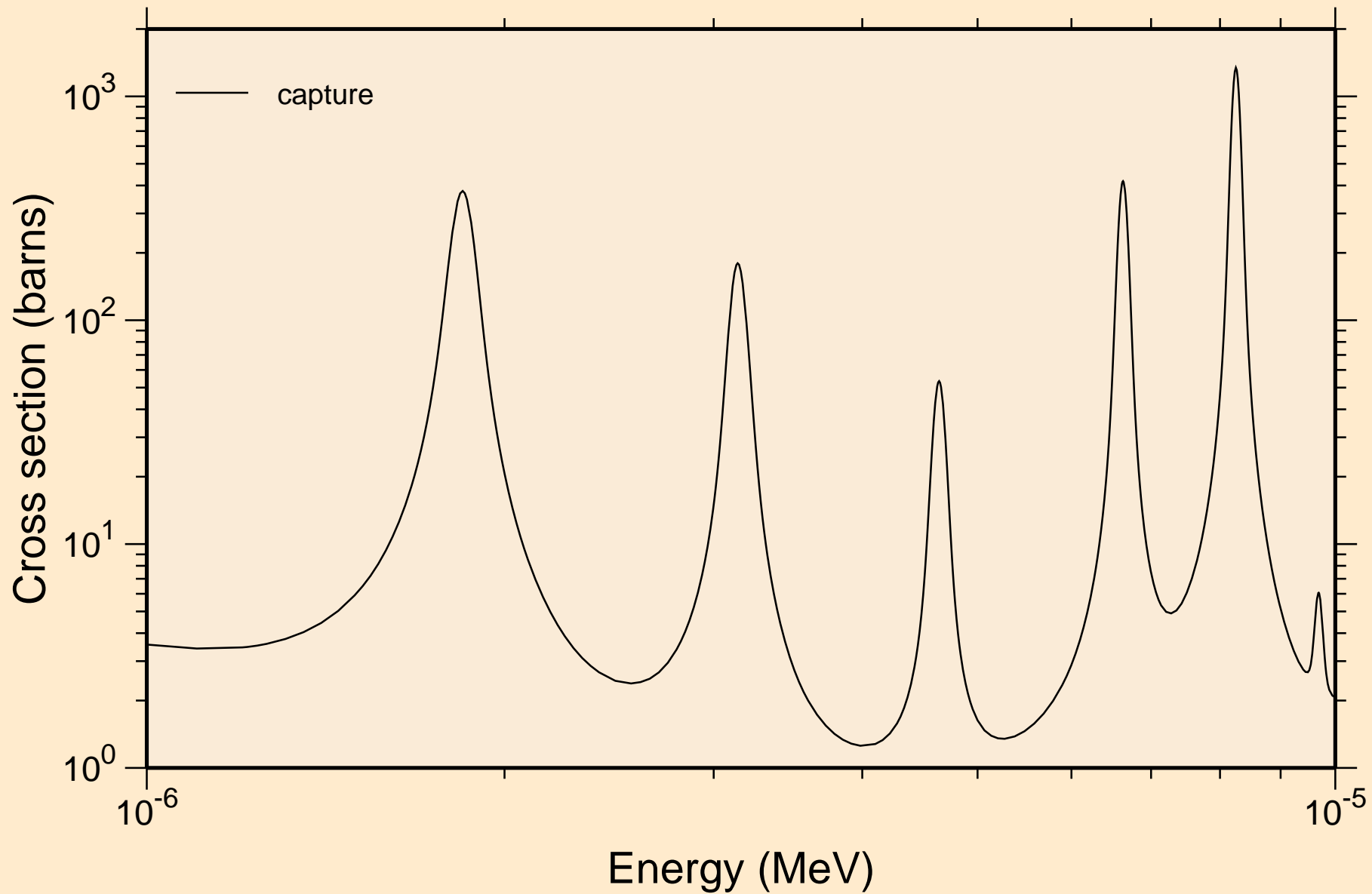
OS179 NRG TENDL-2015, AKONING  
resonance total cross section



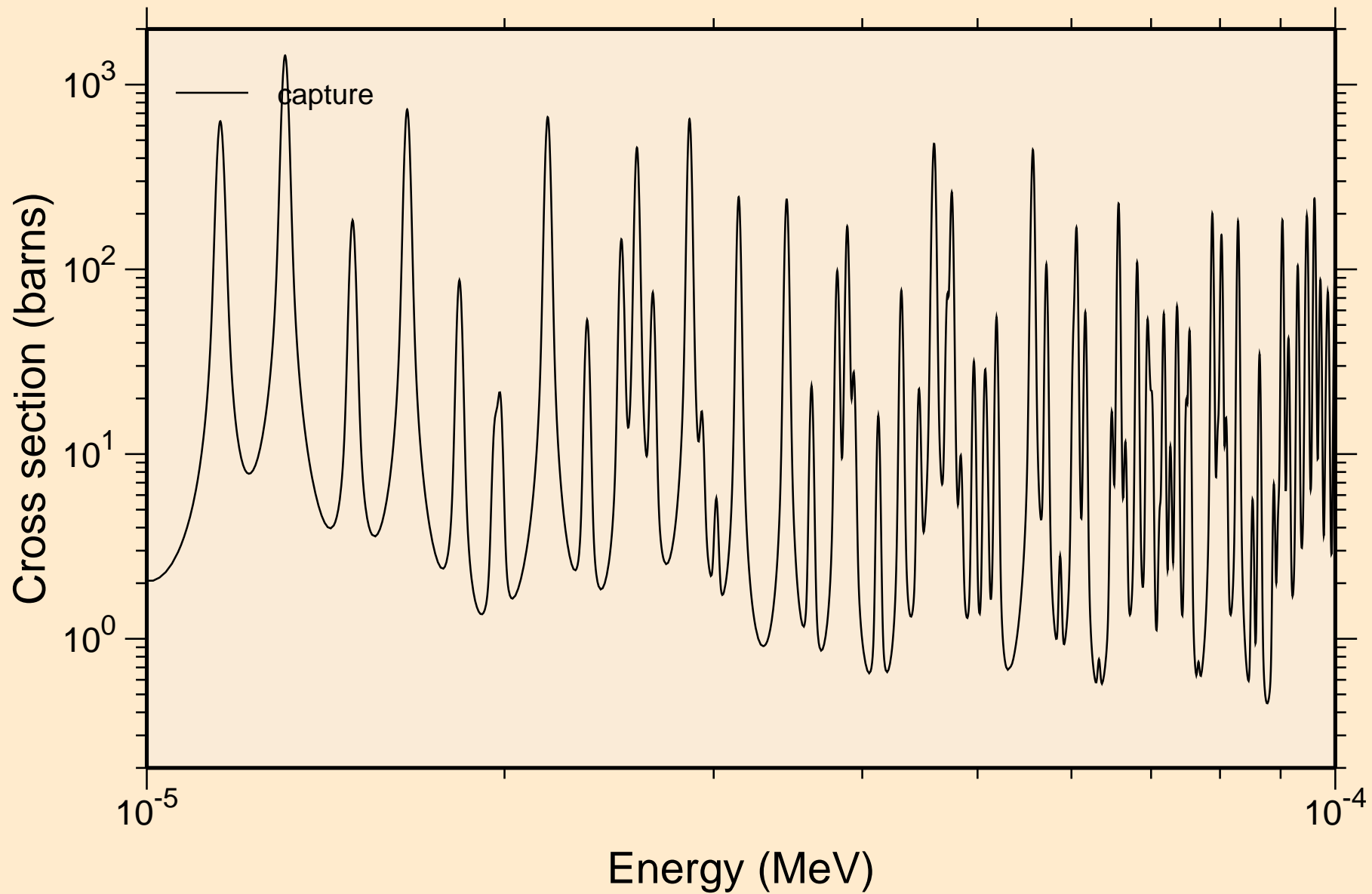
OS179 NRG TENDL-2015, AKONING  
resonance total cross section



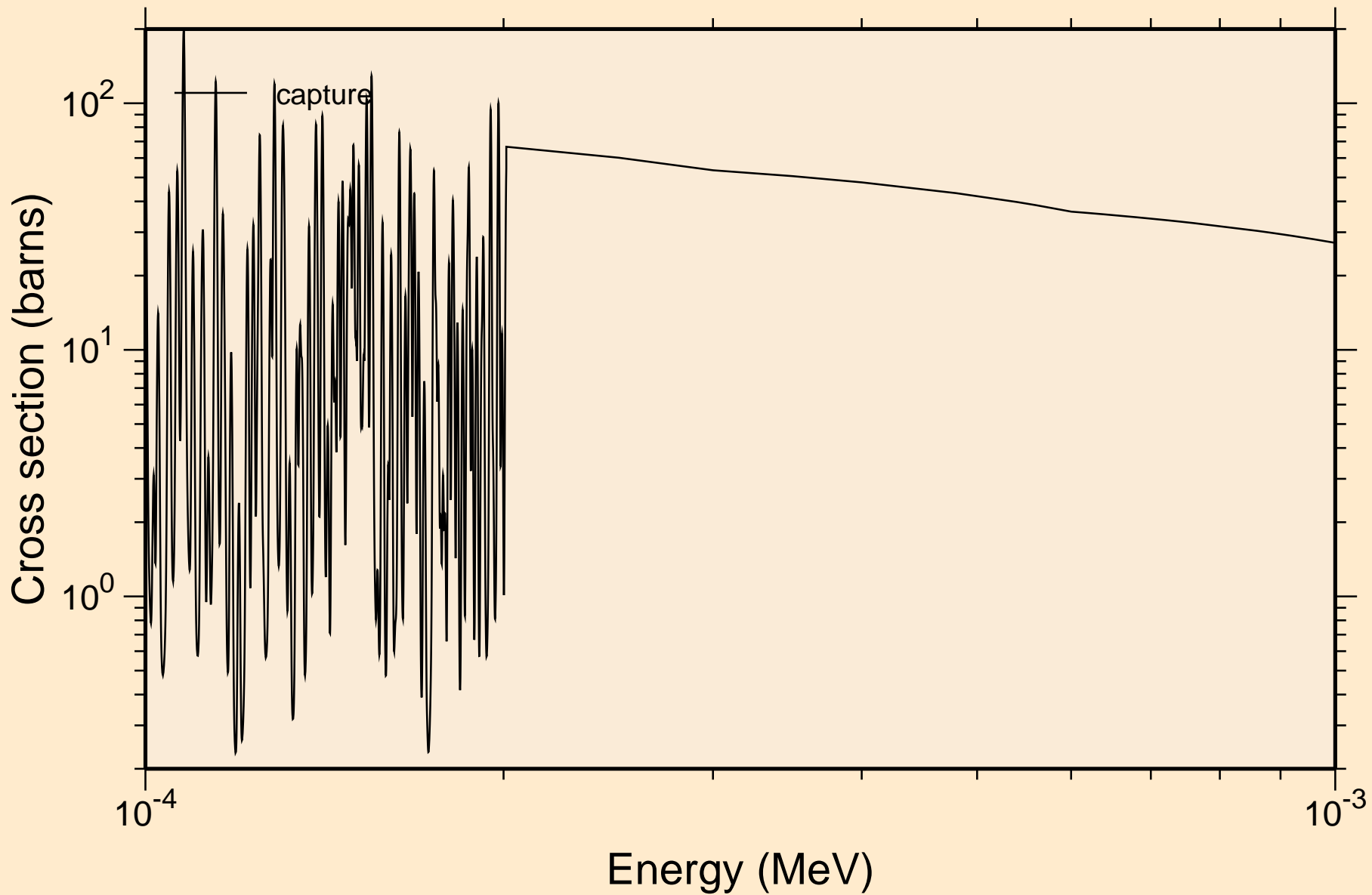
OS179 NRG TENDL-2015, AKONING  
resonance absorption cross sections



OS179 NRG TENDL-2015, AKONING  
resonance absorption cross sections

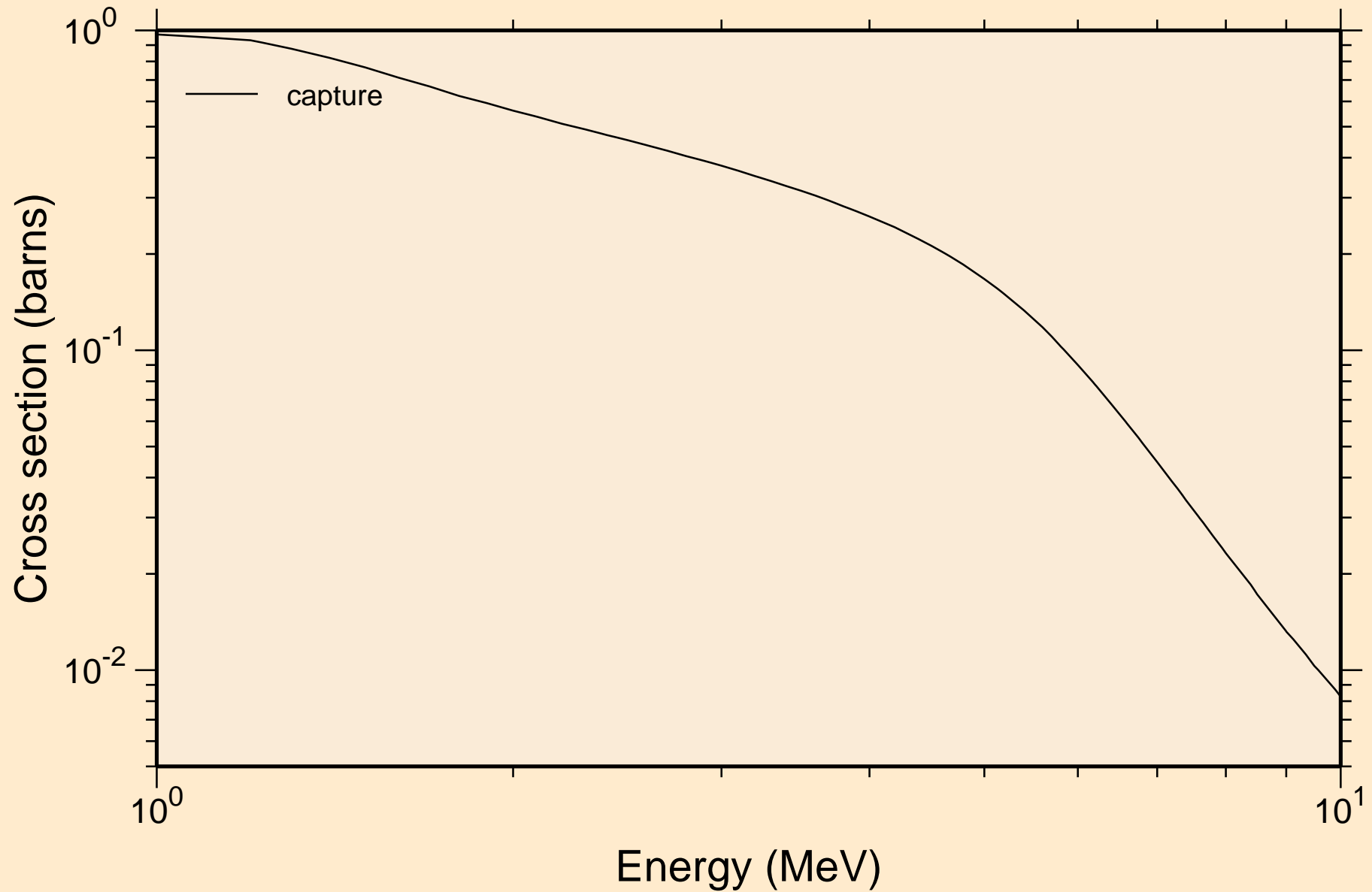


OS179 NRG TENDL-2015, AKONING  
resonance absorption cross sections



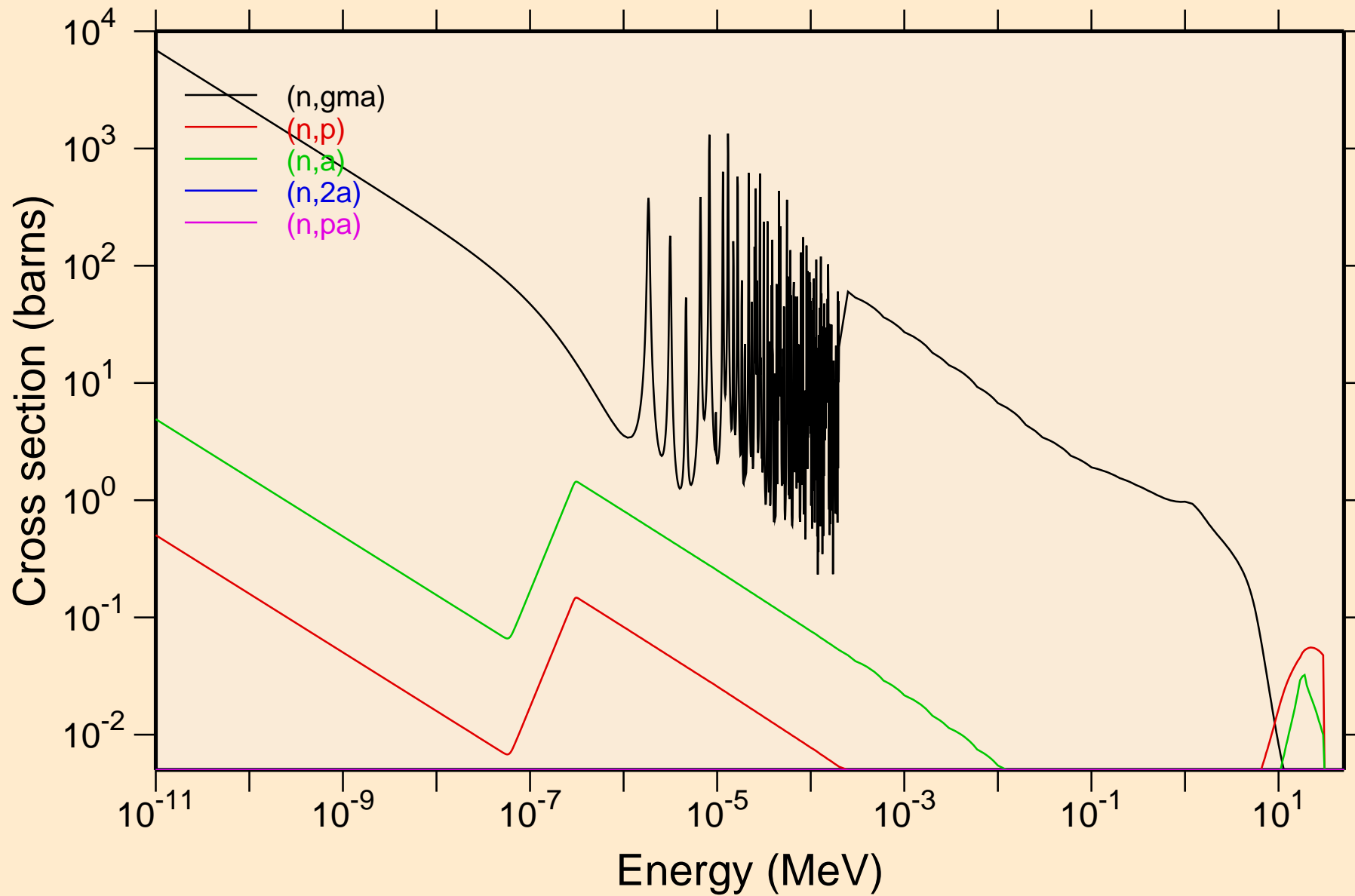


OS179 NRG TENDL-2015, AKONING  
resonance absorption cross sections



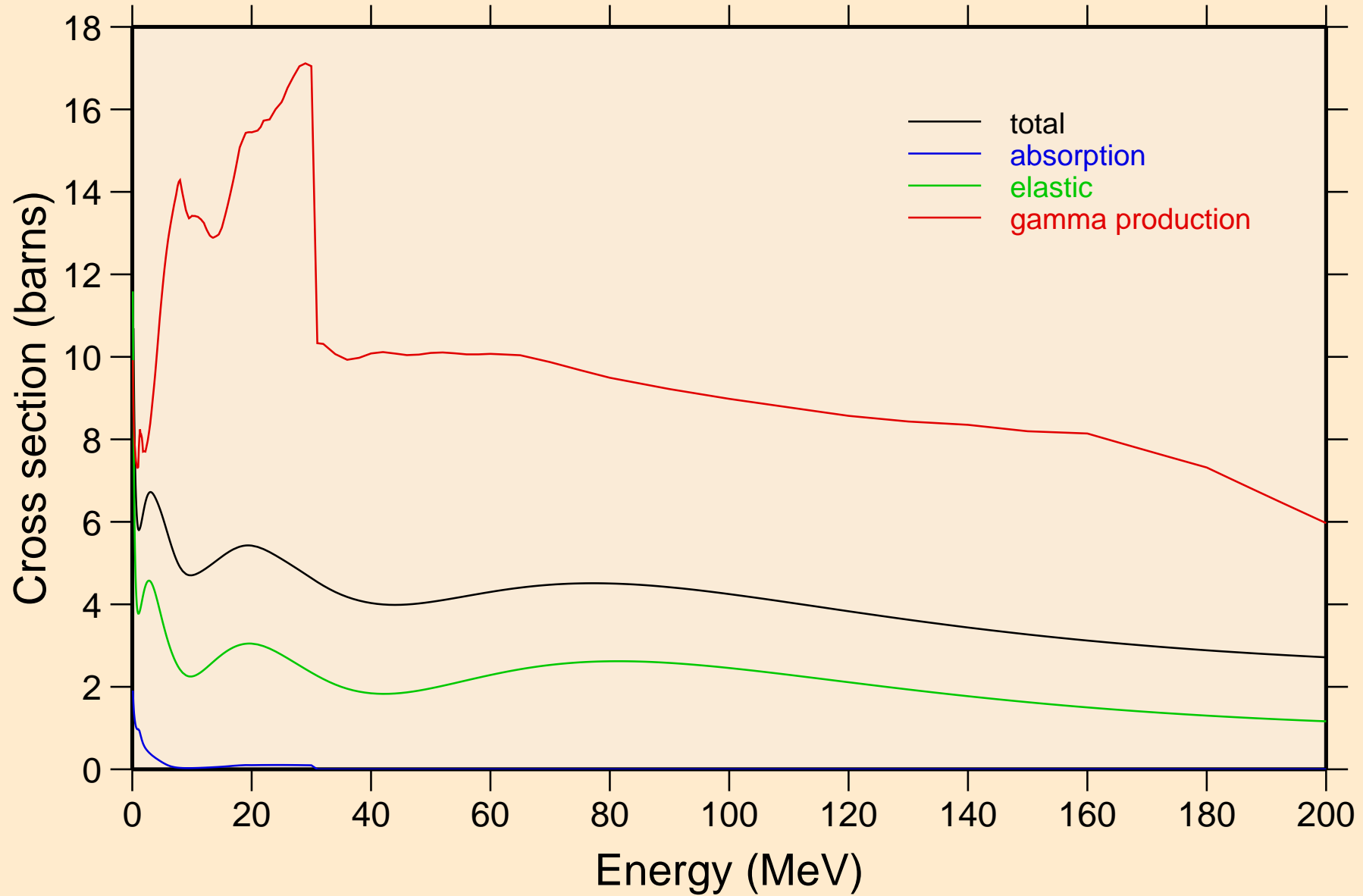
# OS179 NRG TENDL-2015, AKONING

## Non-threshold reactions



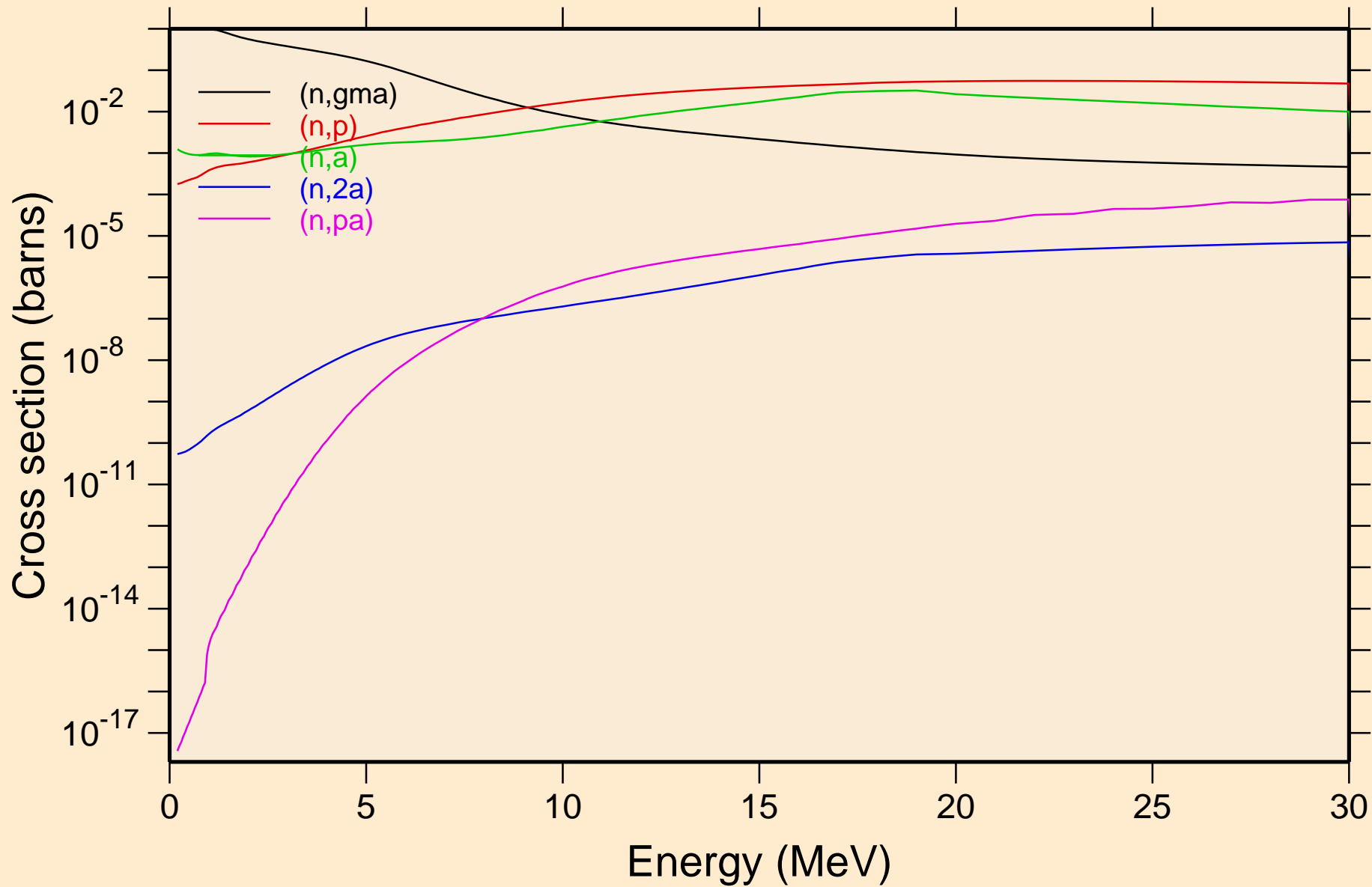
# OS179 NRG TENDL-2015, AKONING

## Principal cross sections



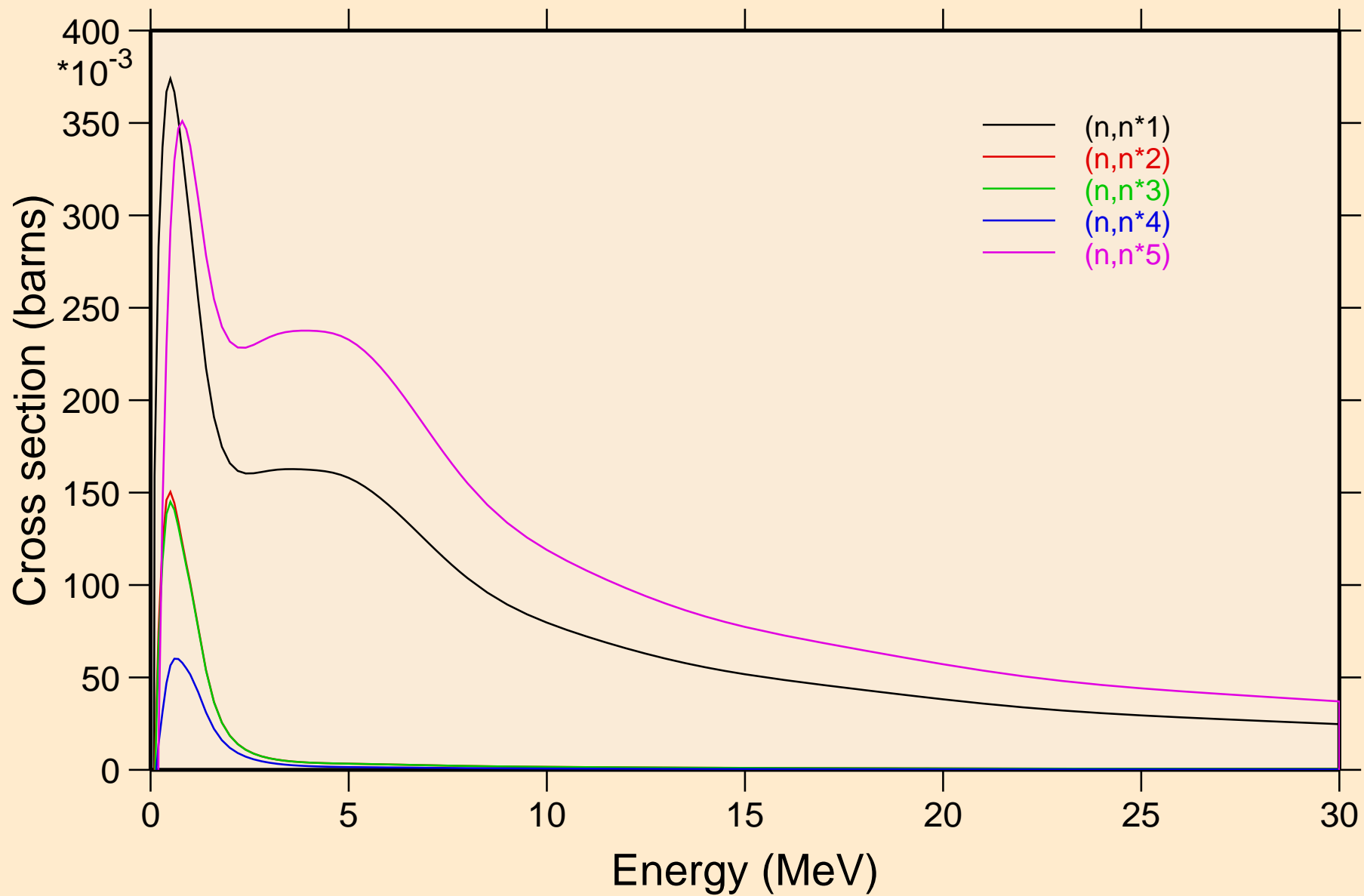
# OS179 NRG TENDL-2015, AKONING

## Non-threshold reactions



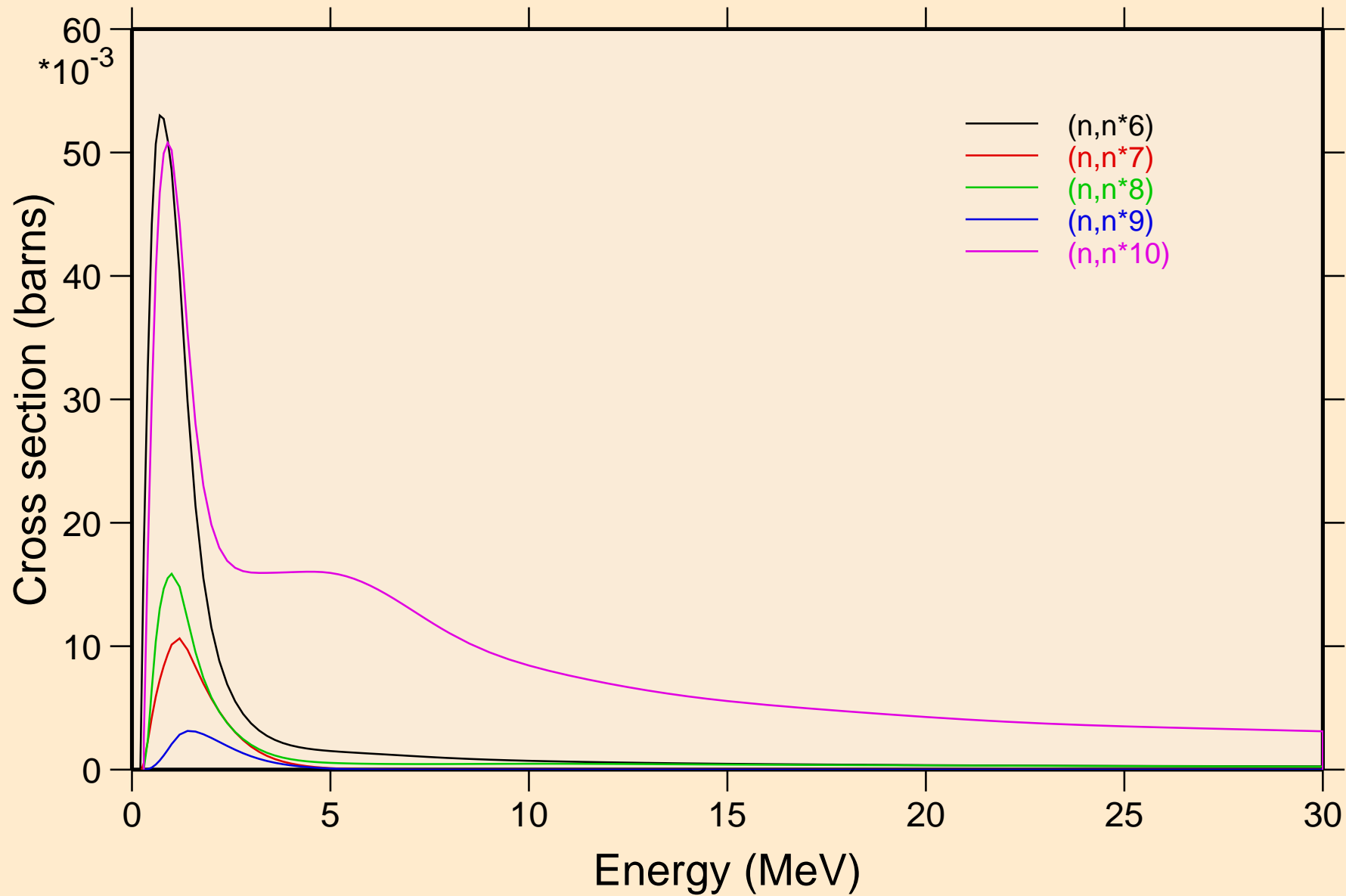
# OS179 NRG TENDL-2015, AKONING

## Inelastic levels



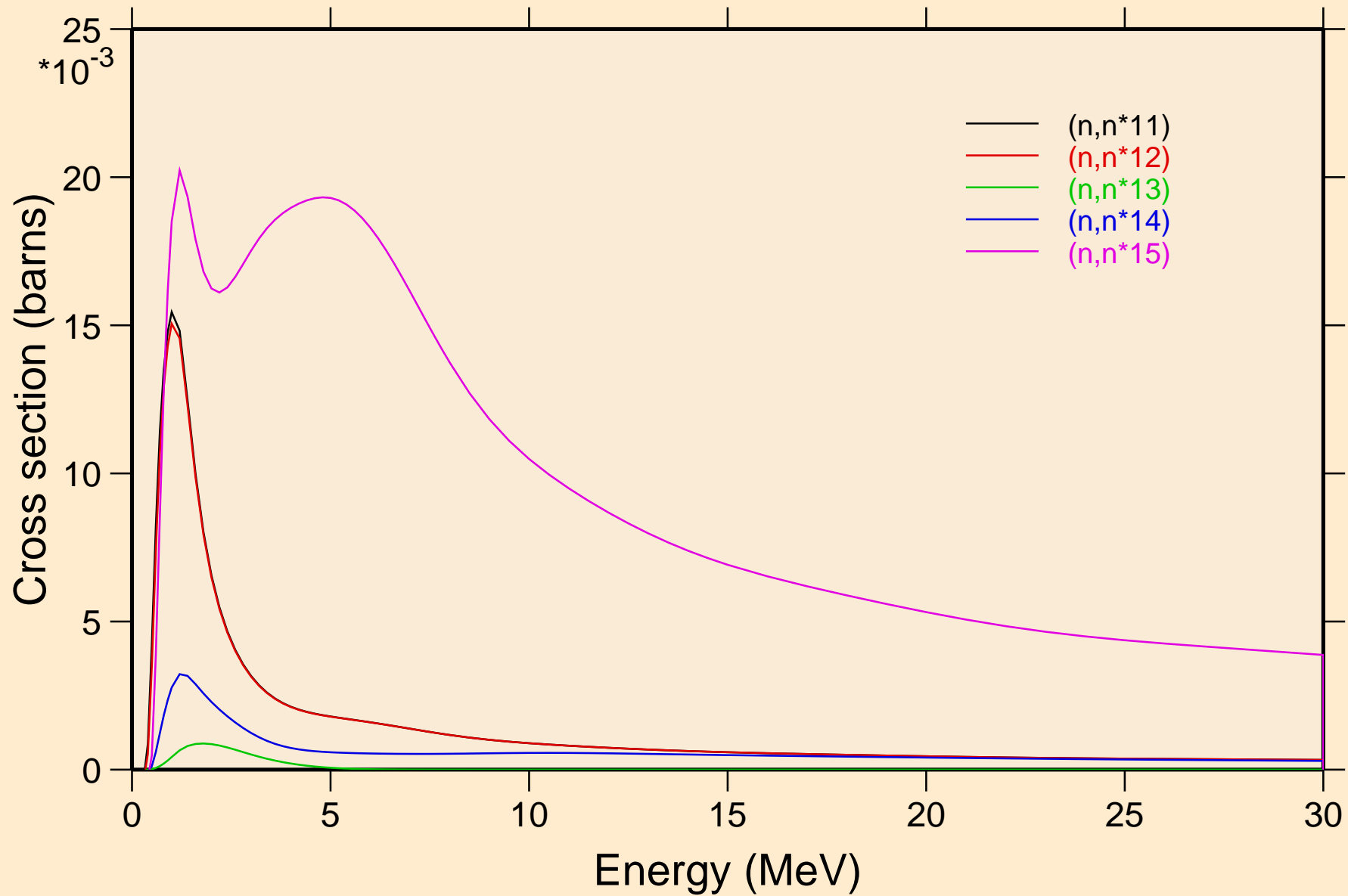
# OS179 NRG TENDL-2015, AKONING

## Inelastic levels



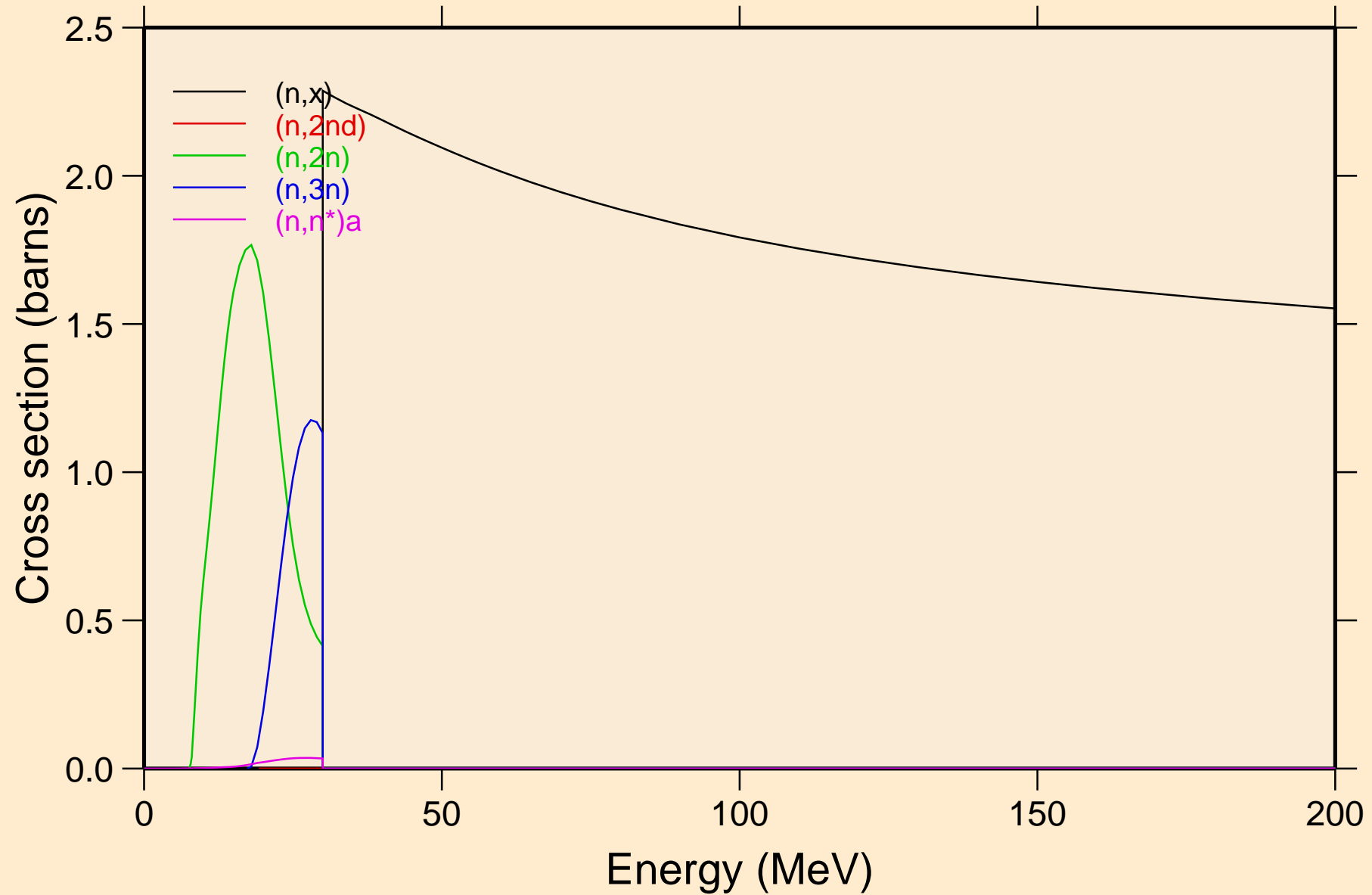
# OS179 NRG TENDL-2015, AKONING

## Inelastic levels



# OS179 NRG TENDL-2015, AKONING

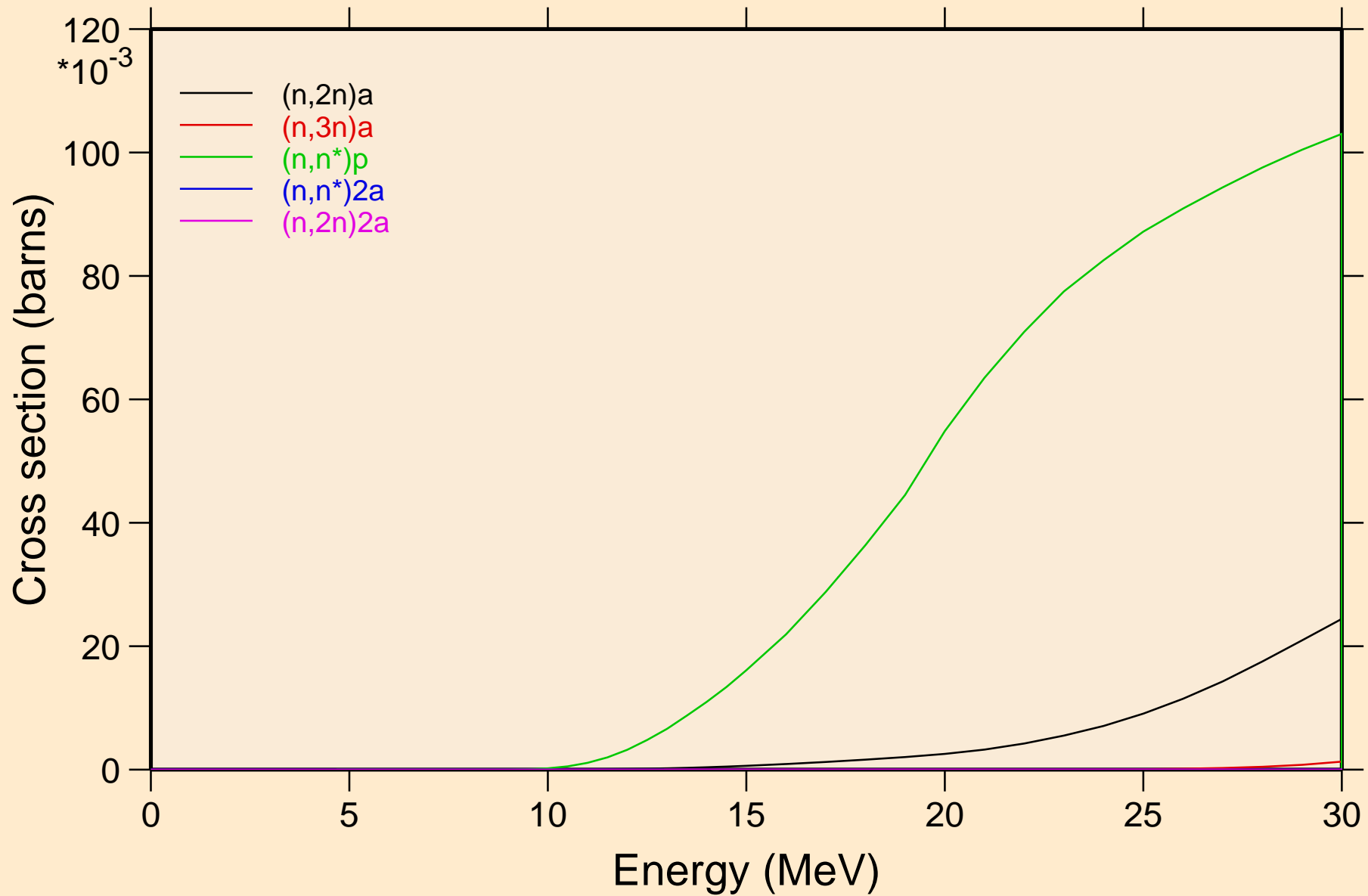
## Threshold reactions





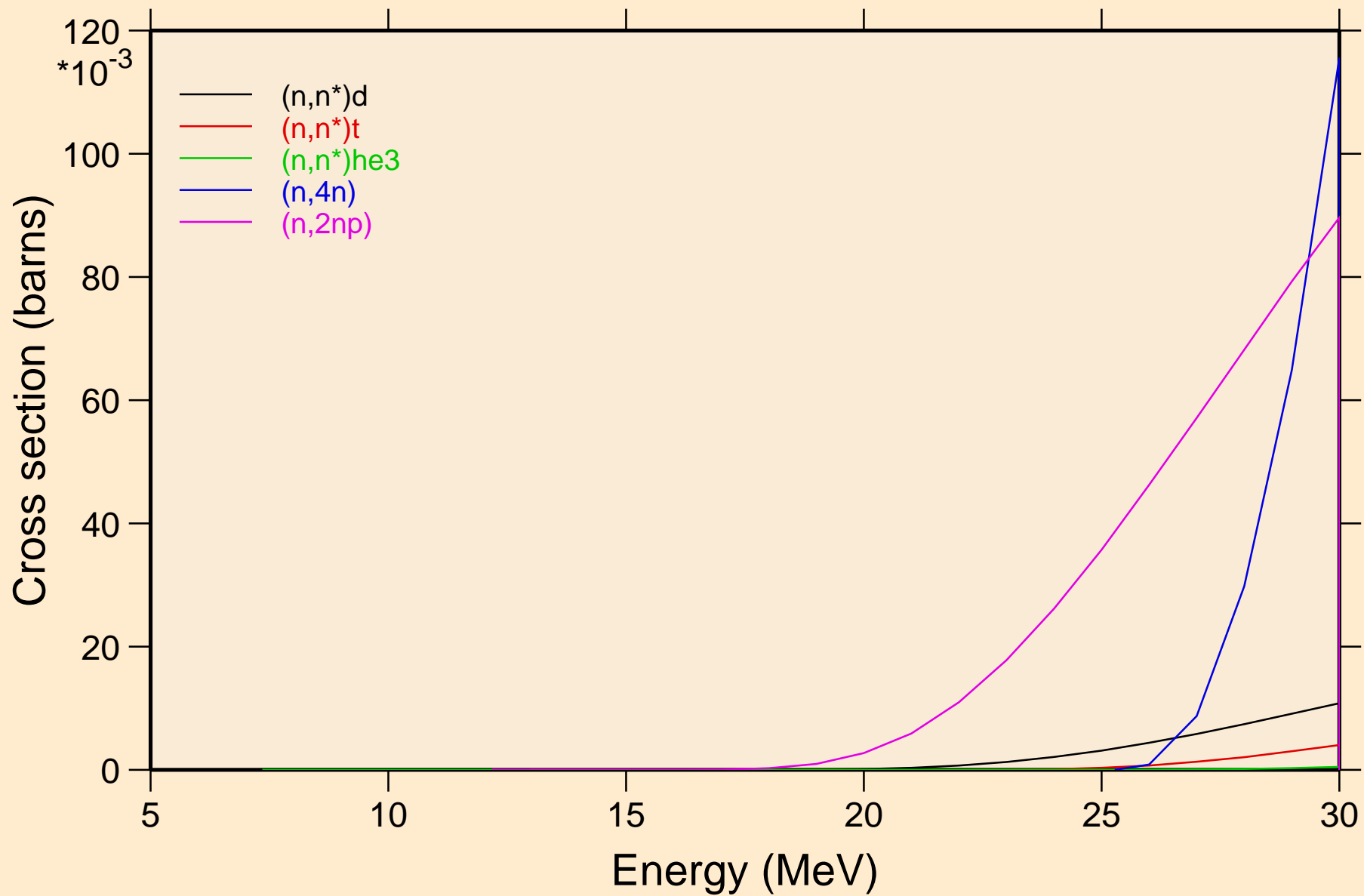
# OS179 NRG TENDL-2015, AKONING

## Threshold reactions



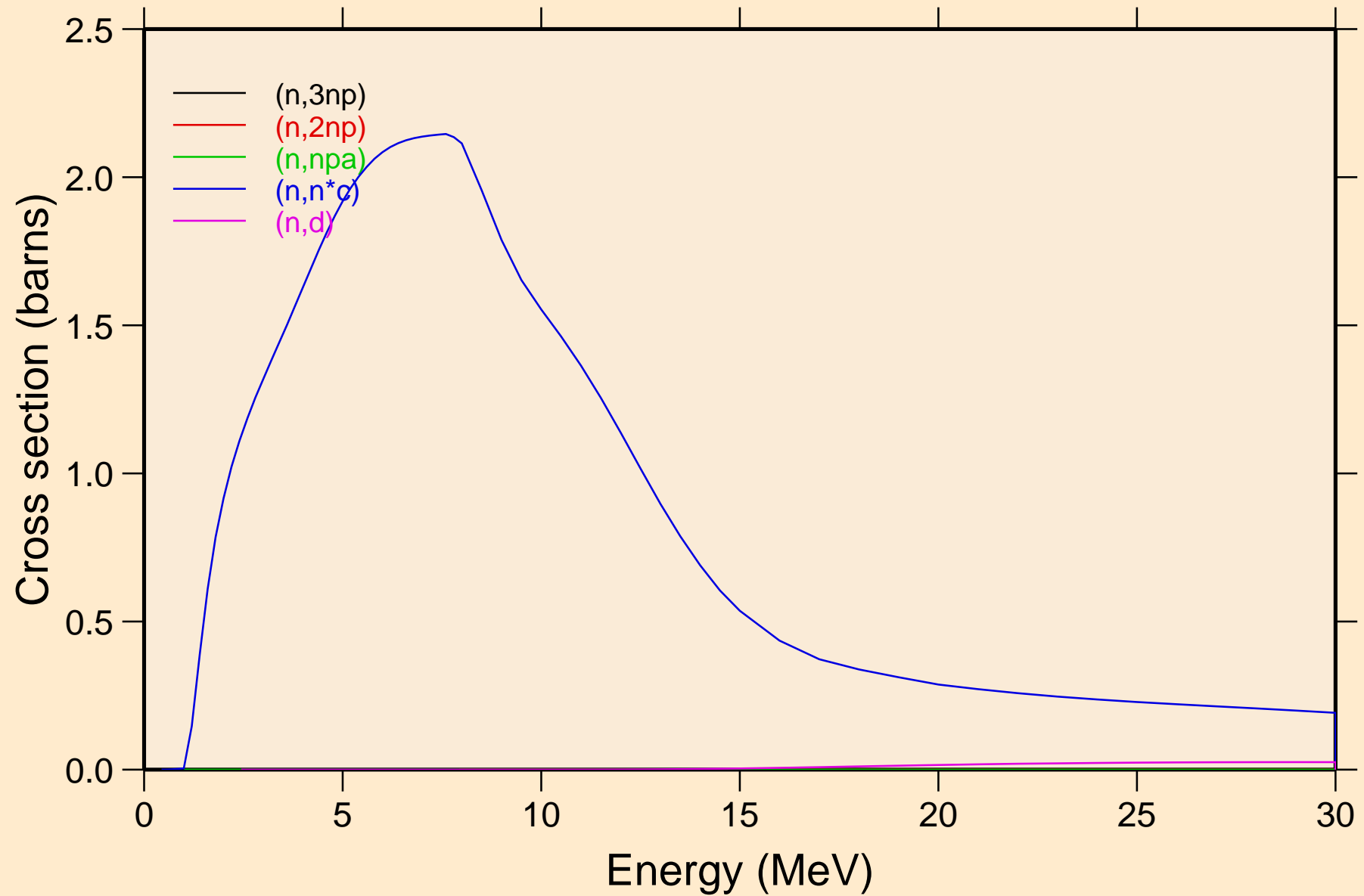
# OS179 NRG TENDL-2015, AKONING

## Threshold reactions



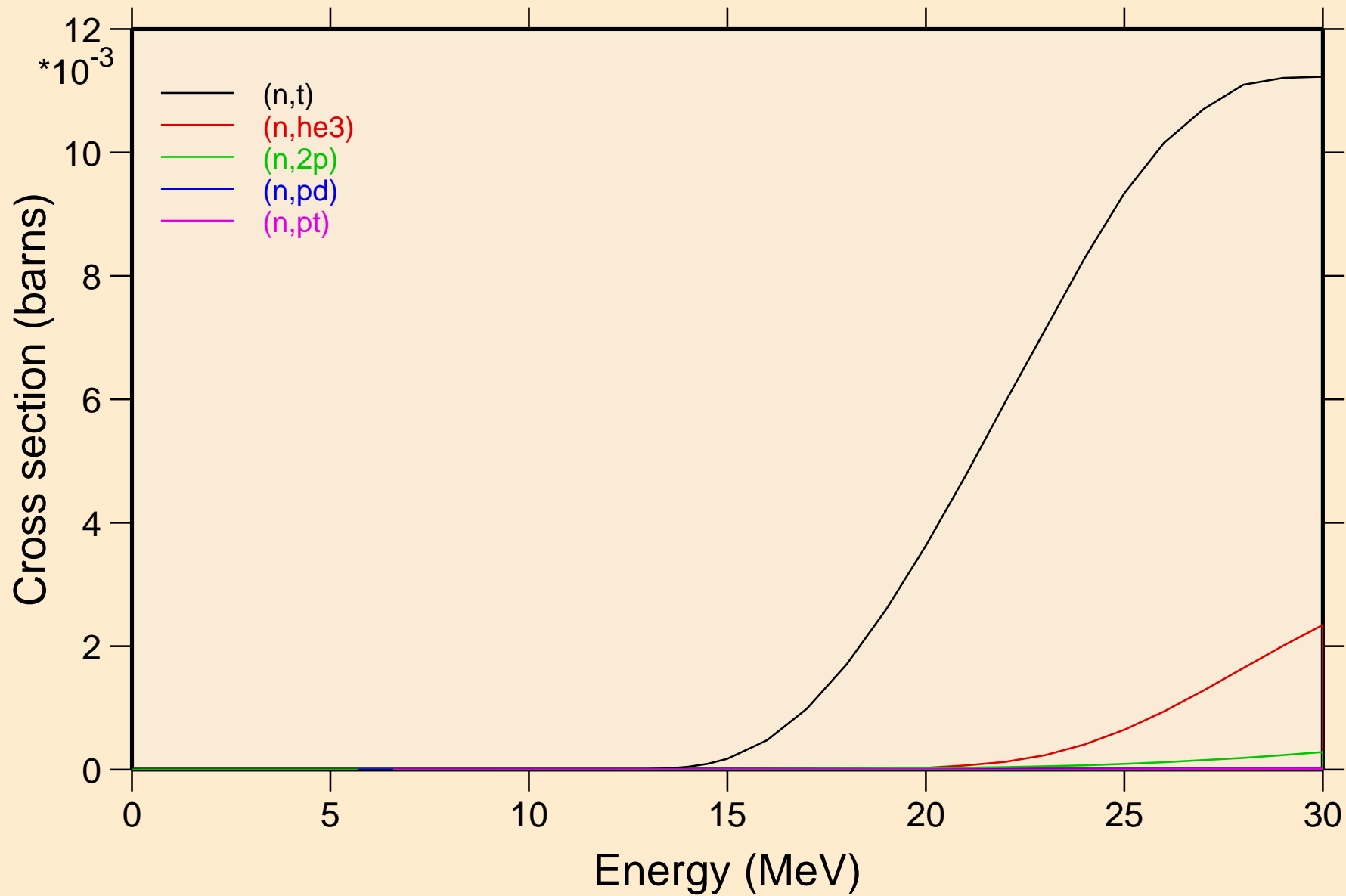
# OS179 NRG TENDL-2015, AKONING

## Threshold reactions



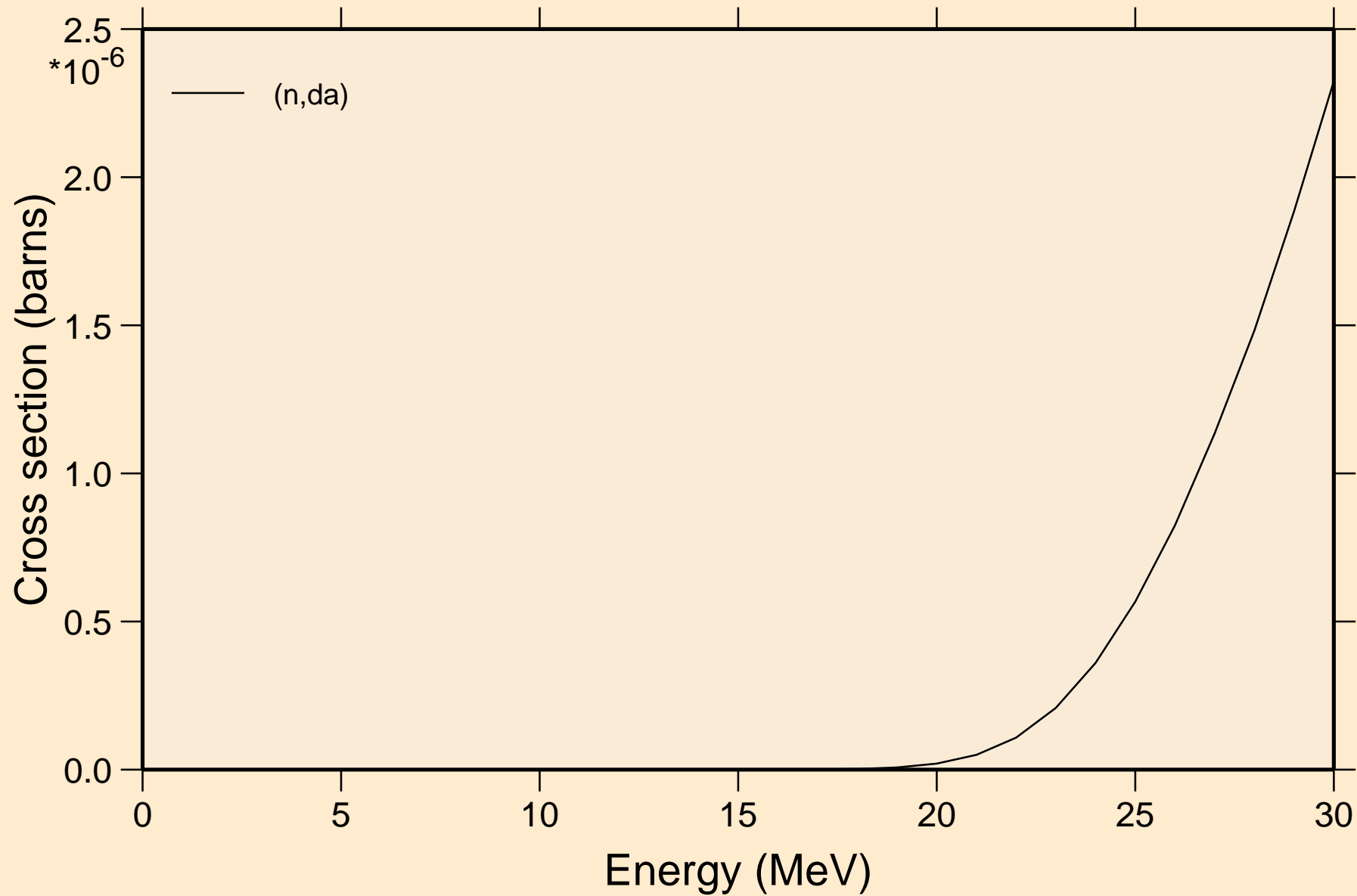
# OS179 NRG TENDL-2015, AKONING

## Threshold reactions

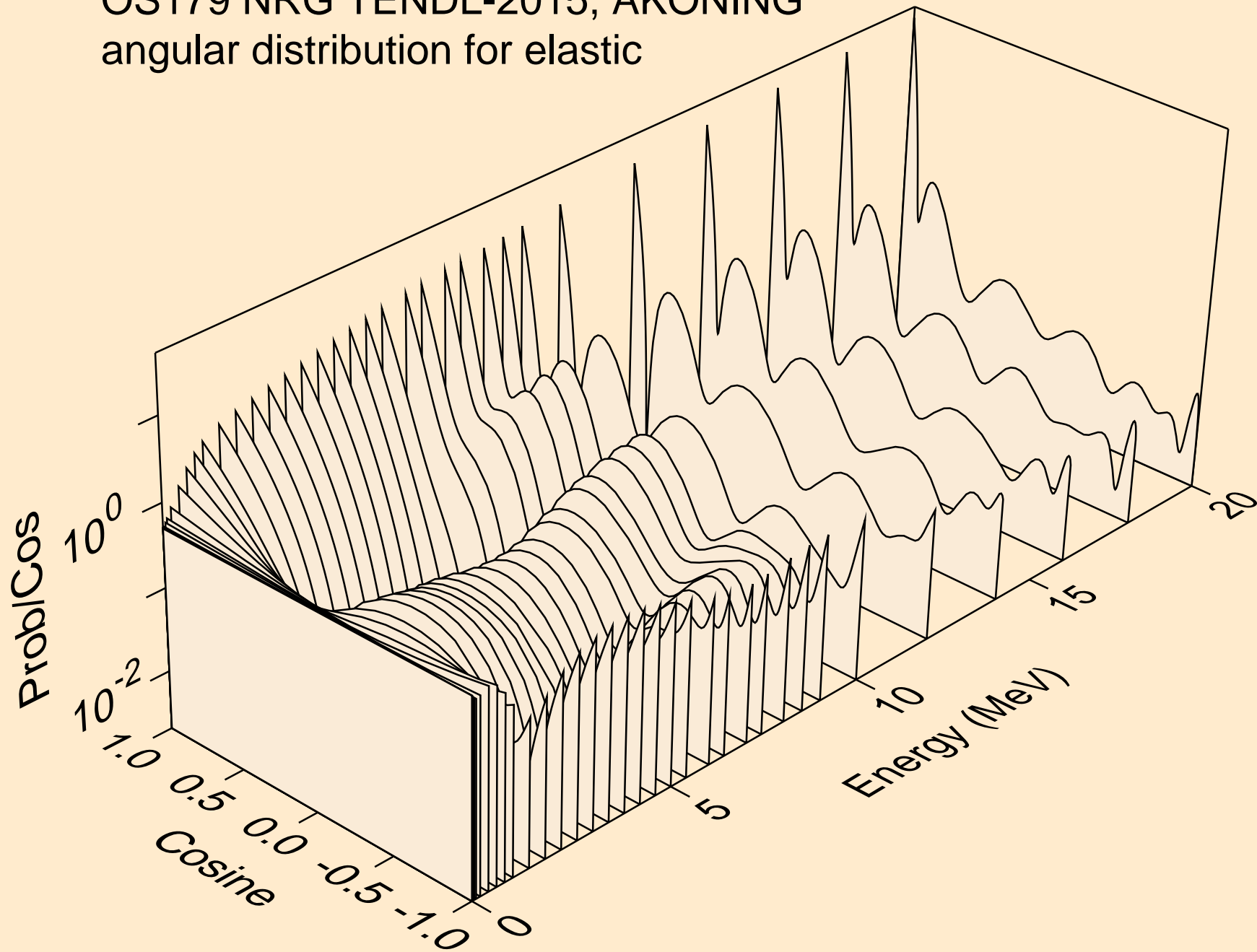


# OS179 NRG TENDL-2015, AKONING

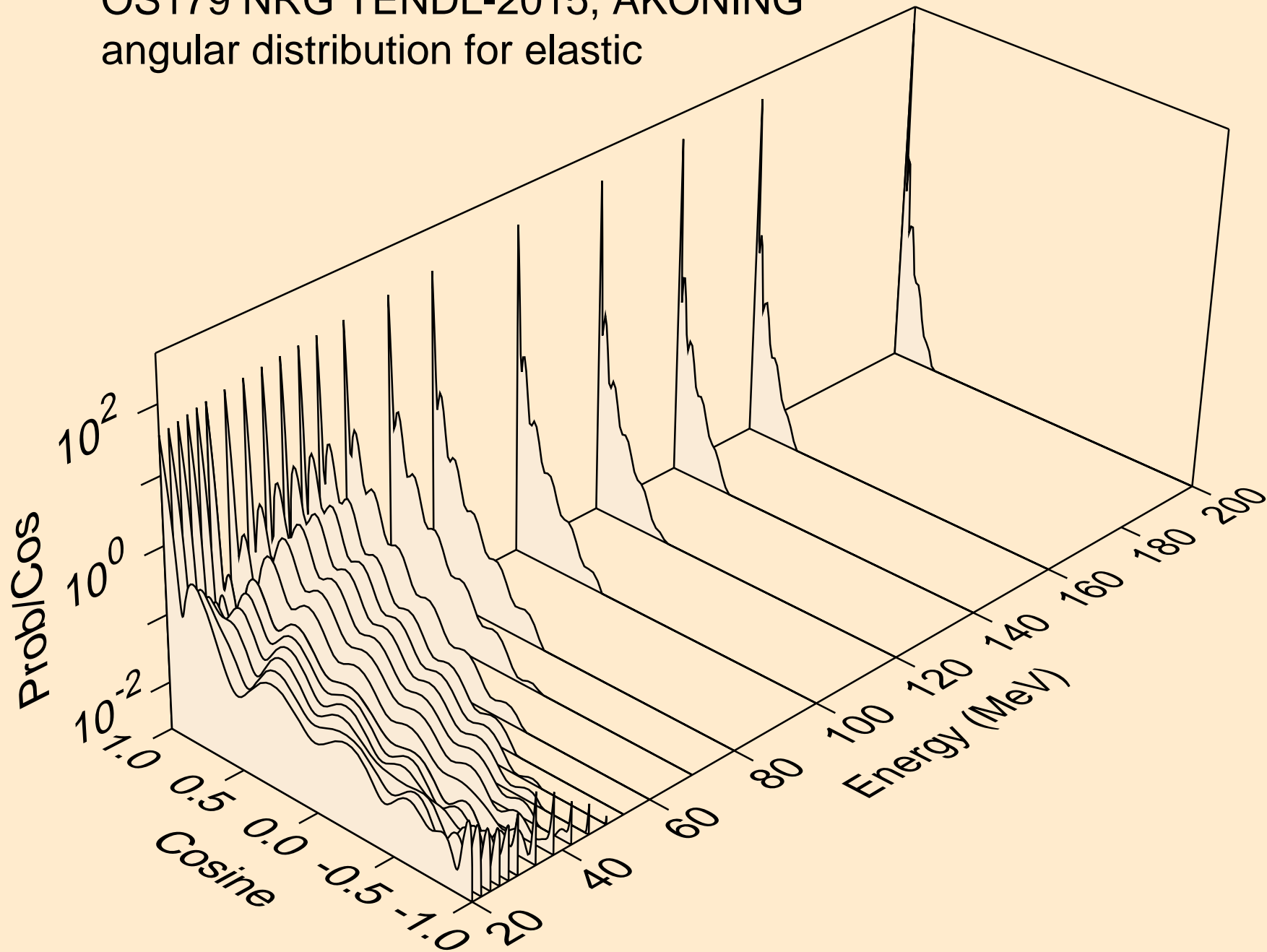
## Threshold reactions



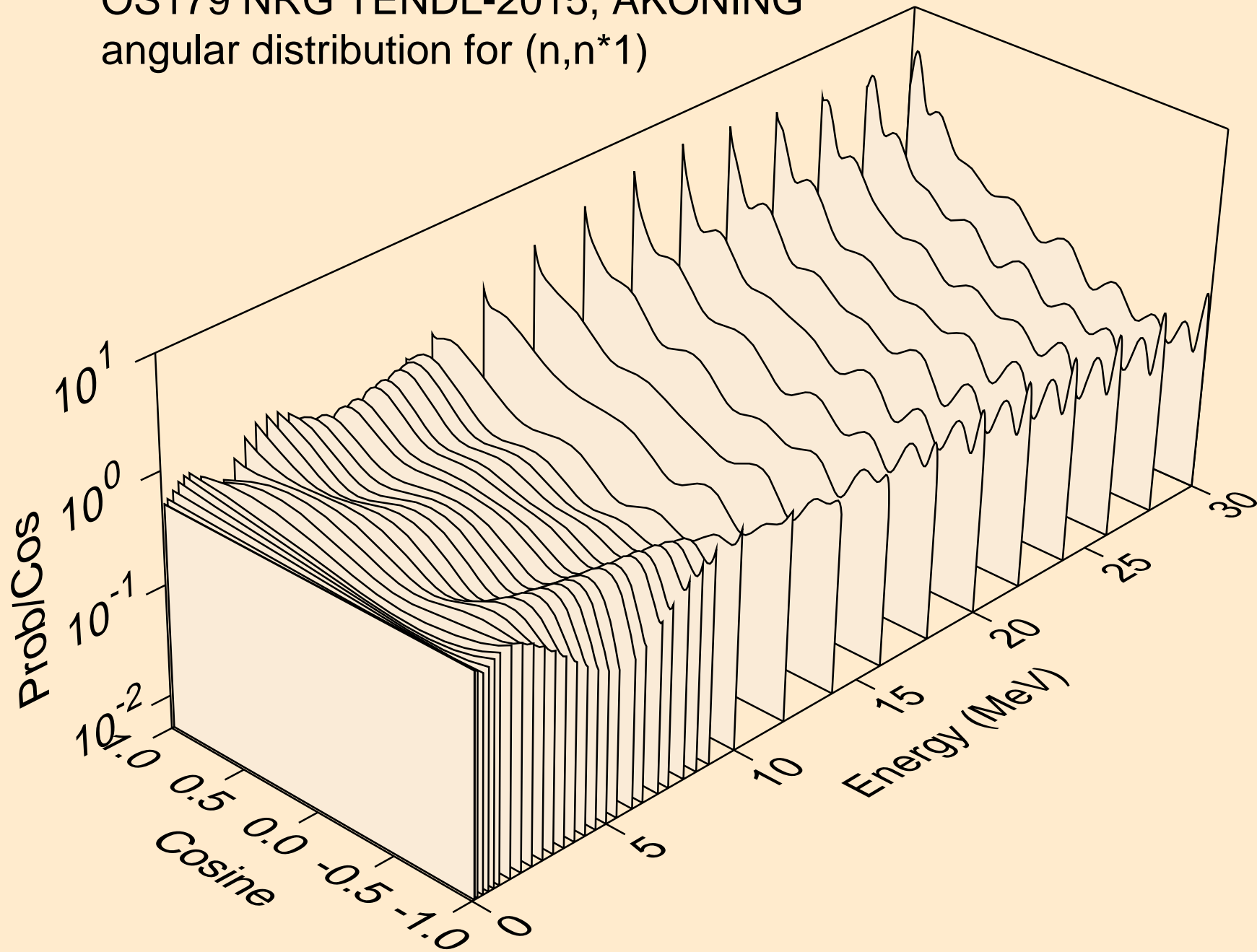
OS179 NRG TENDL-2015, AKONING  
angular distribution for elastic



OS179 NRG TENDL-2015, AKONING  
angular distribution for elastic

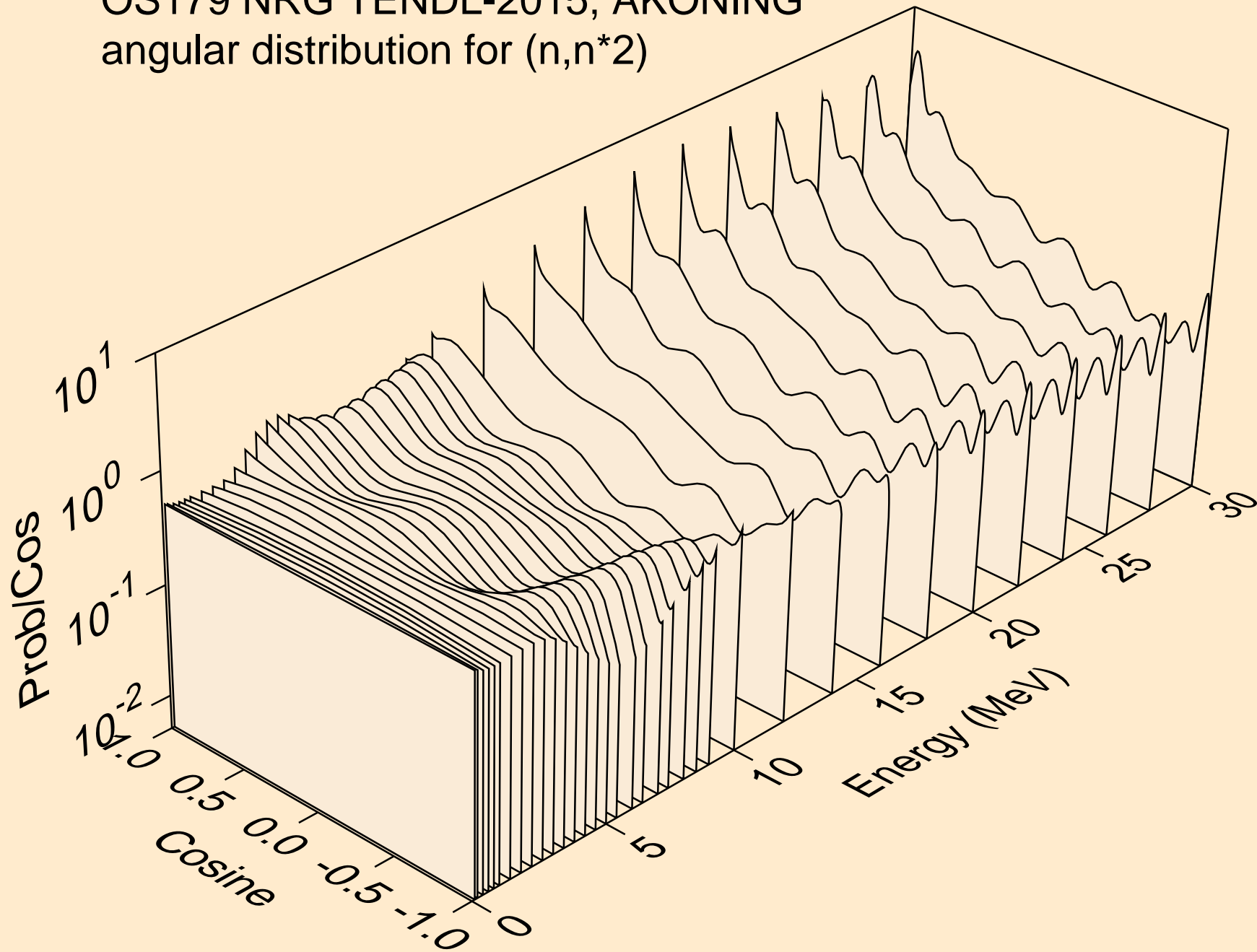


OS179 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

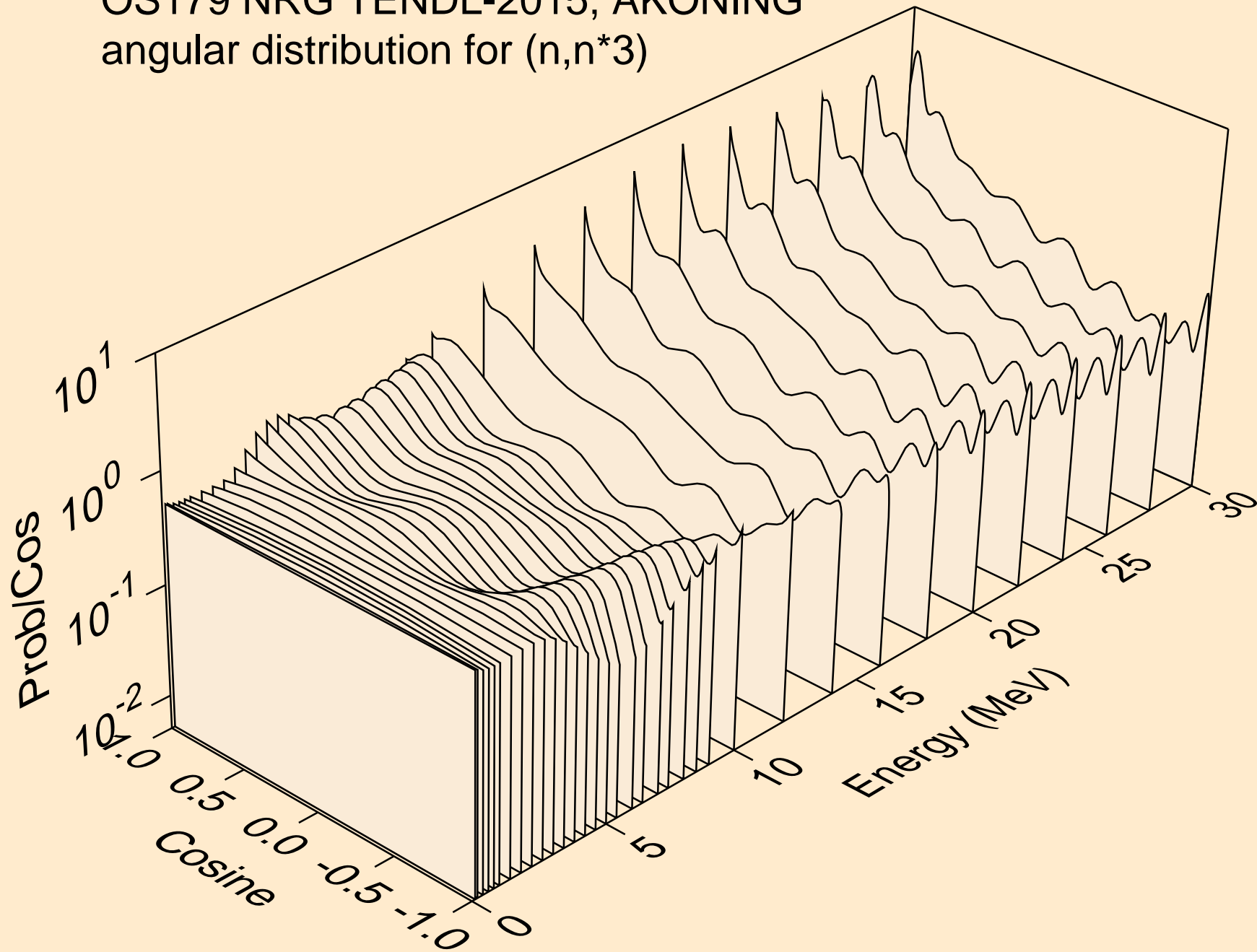




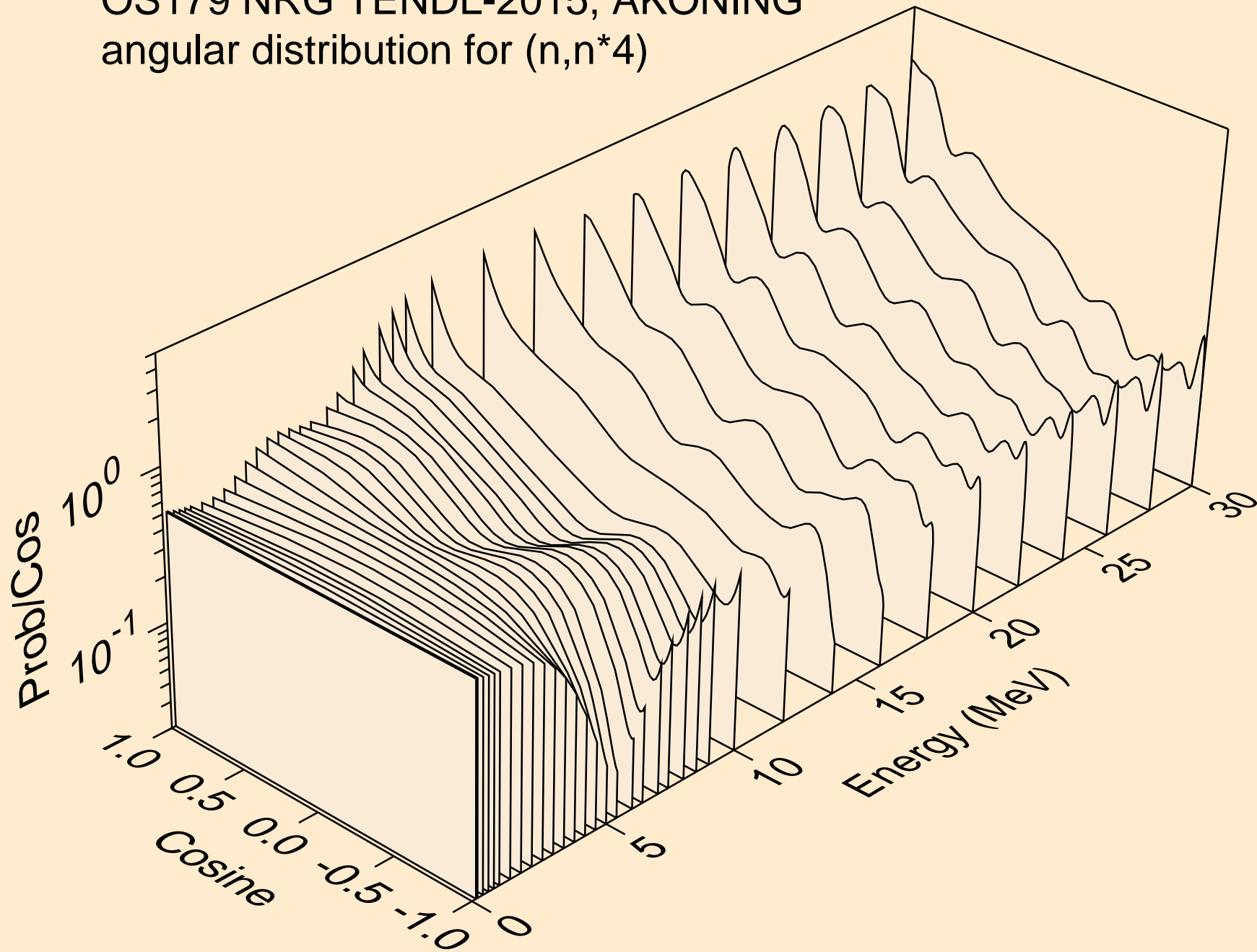
OS179 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



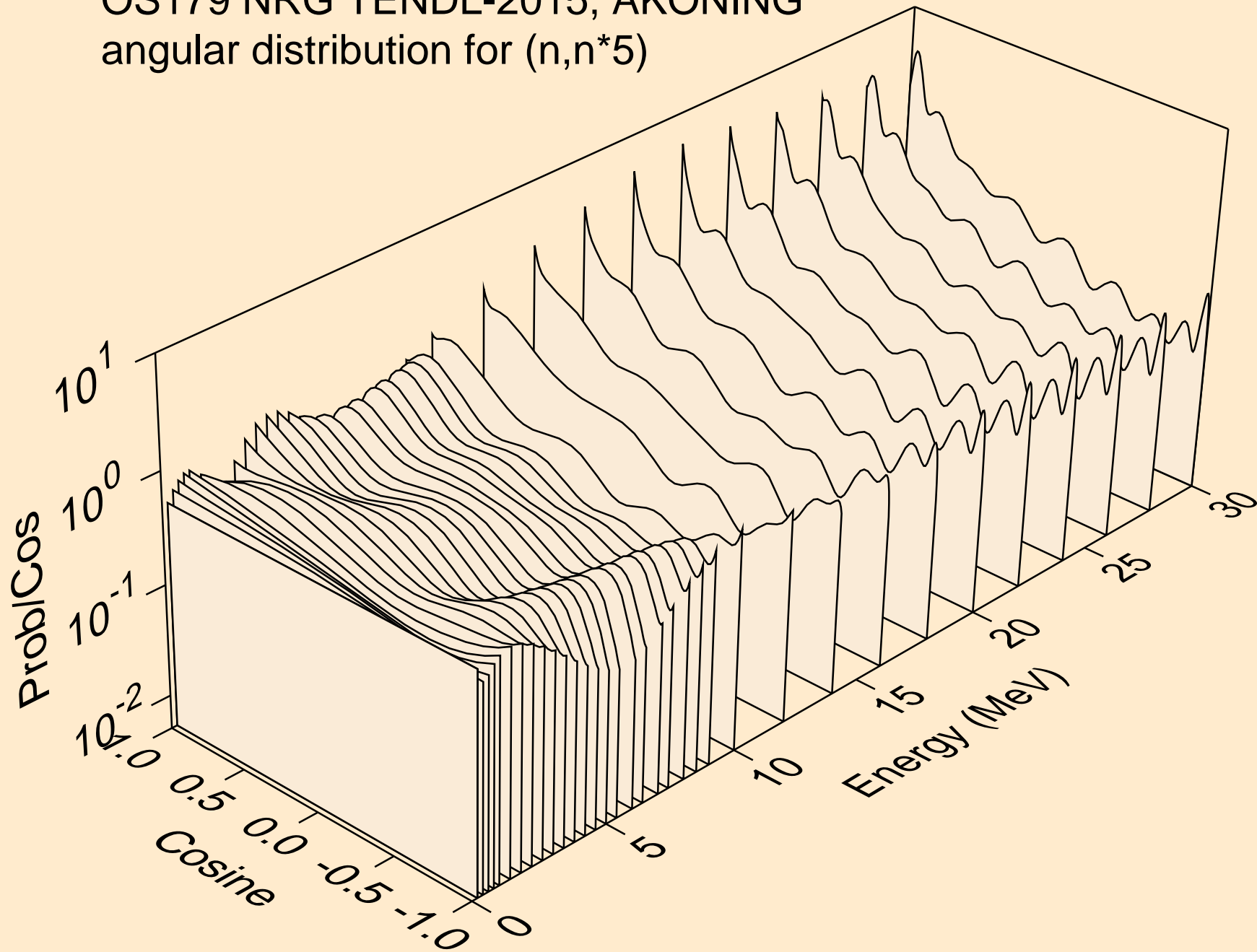
OS179 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



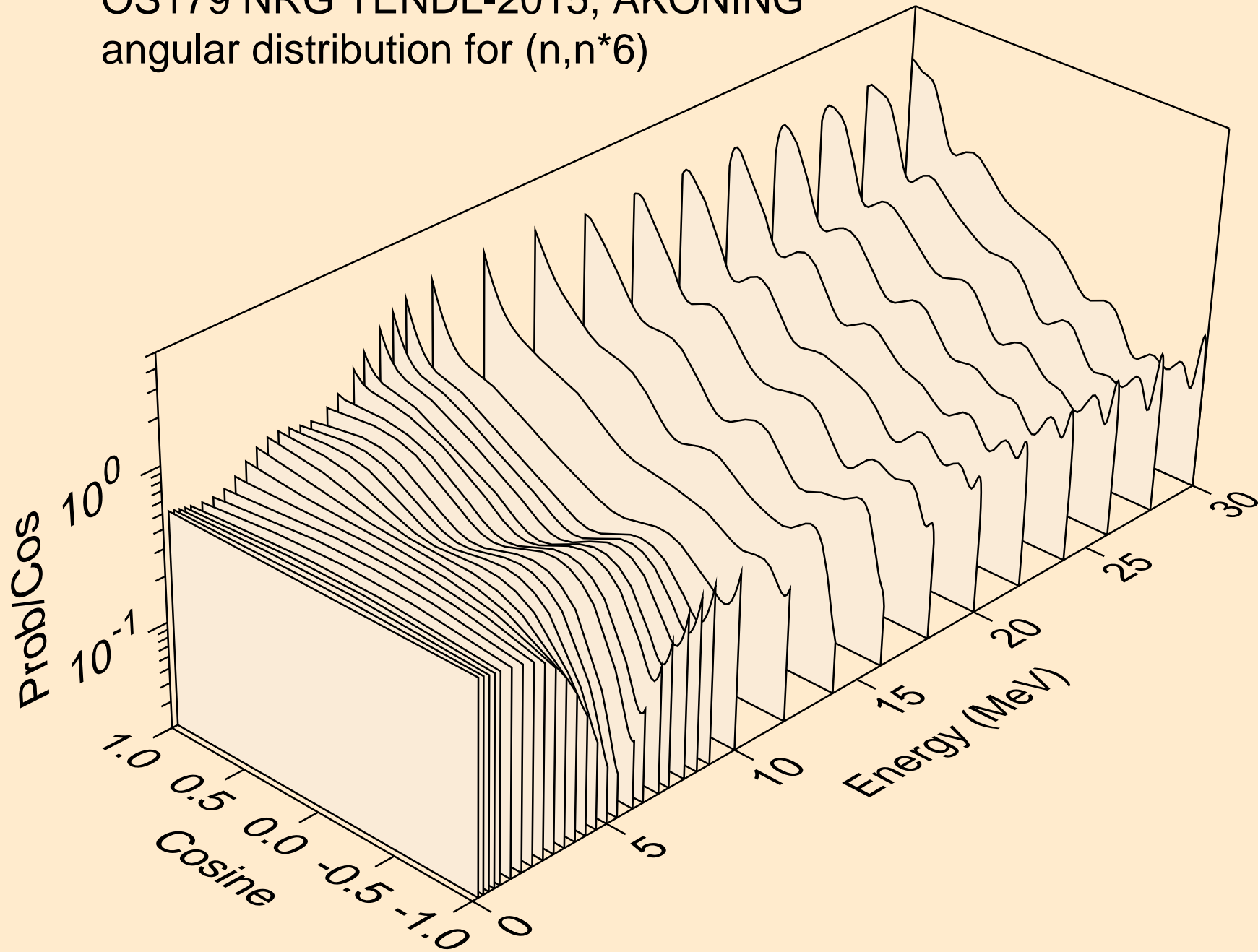
OS179 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



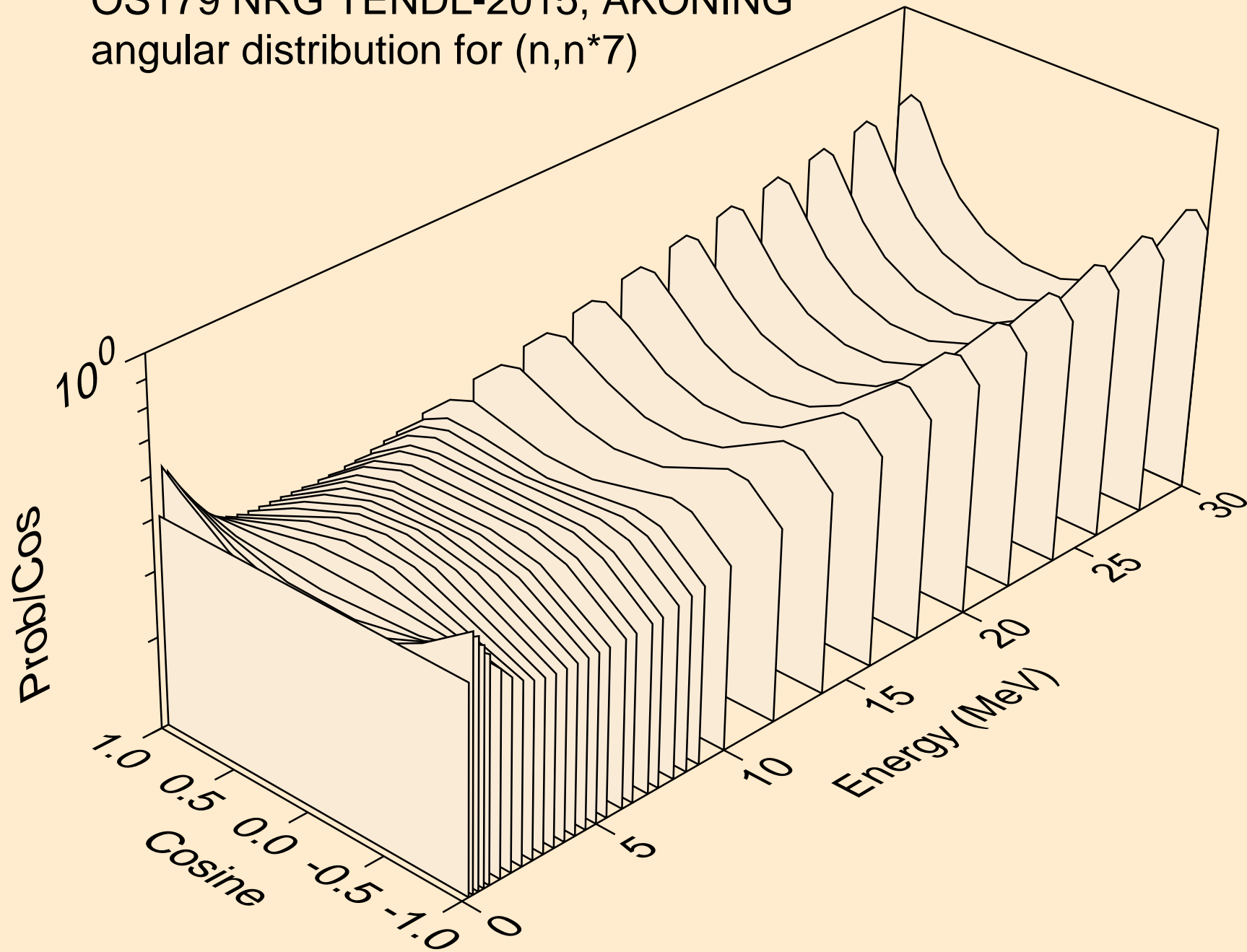
OS179 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



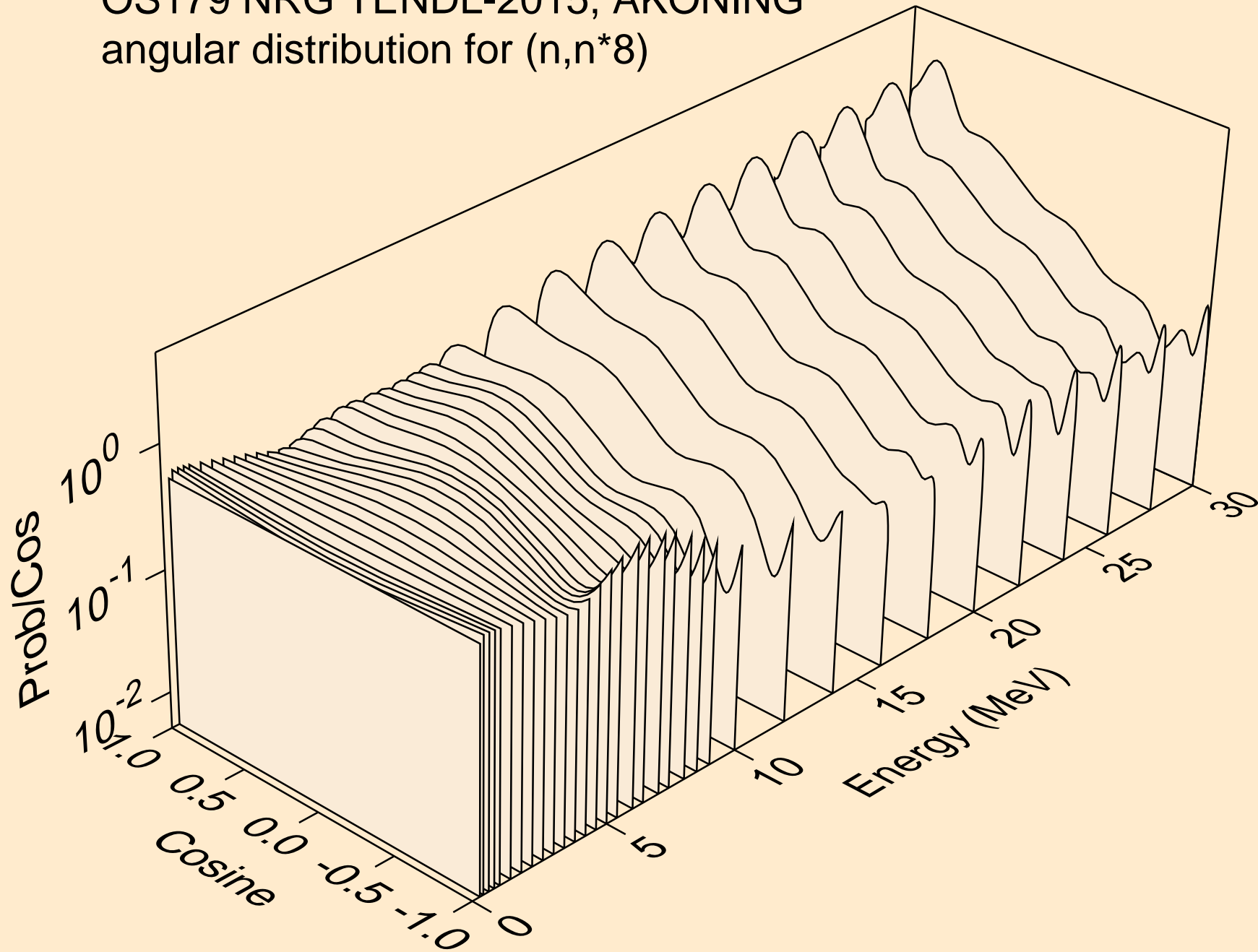
OS179 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



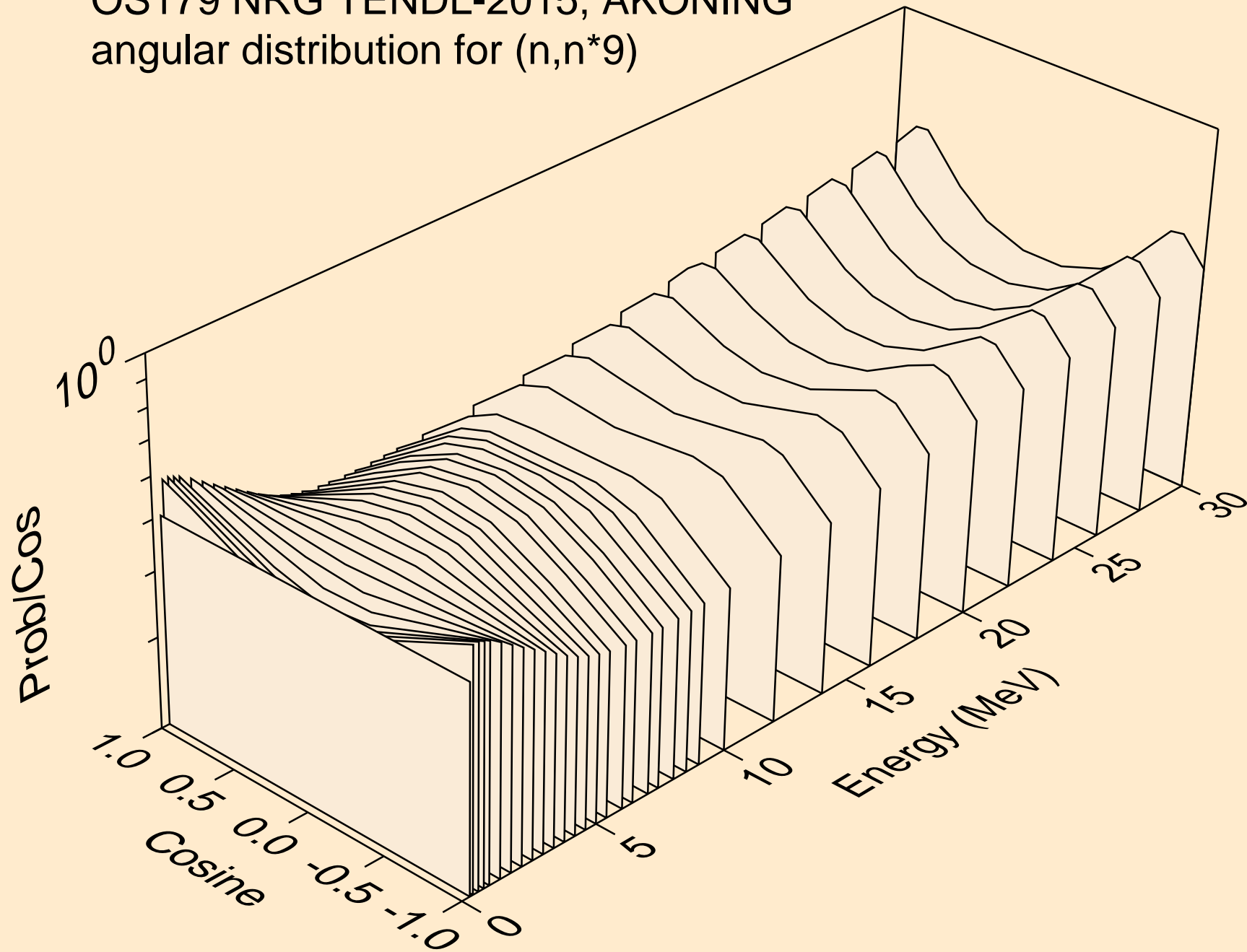
OS179 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



OS179 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

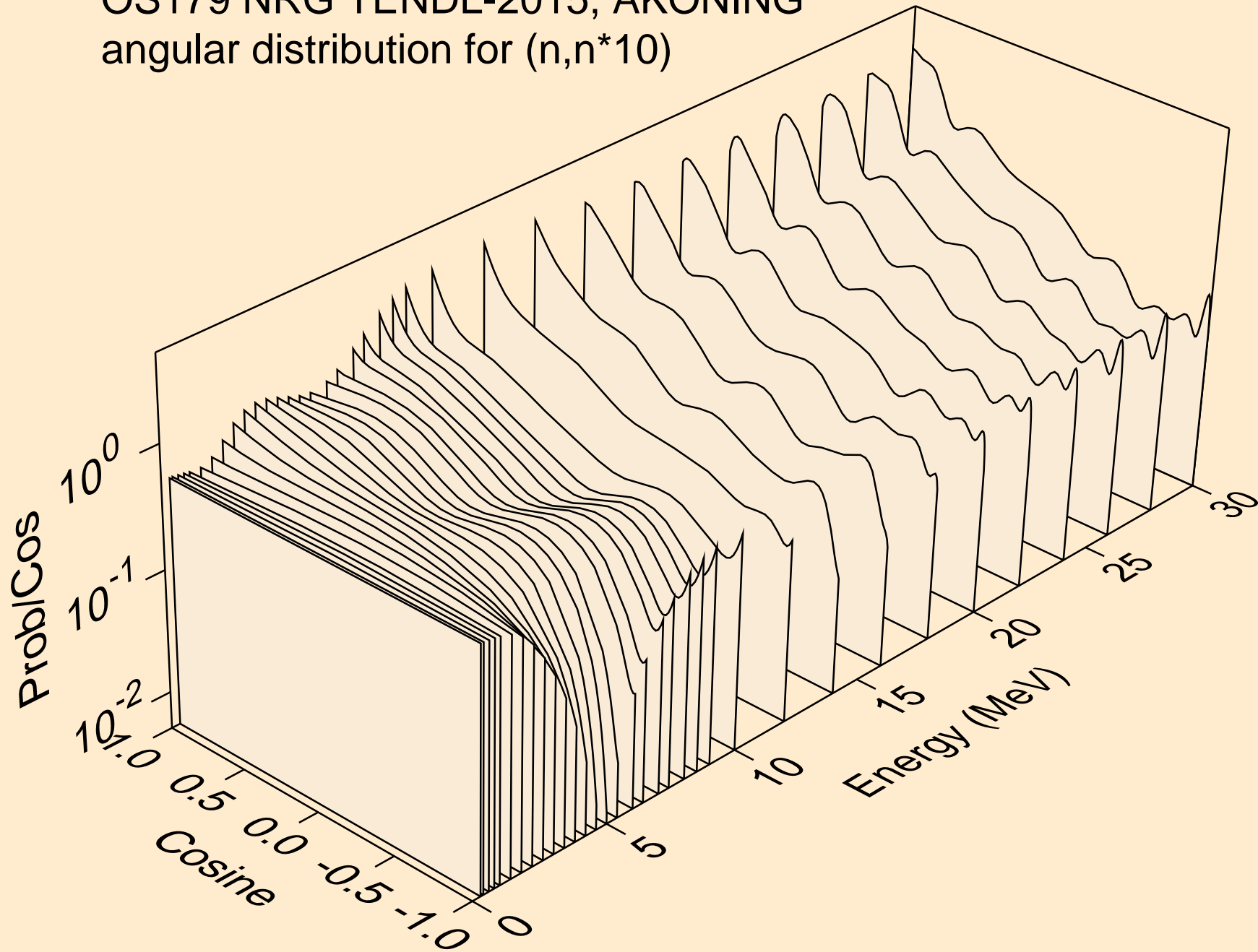


OS179 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)

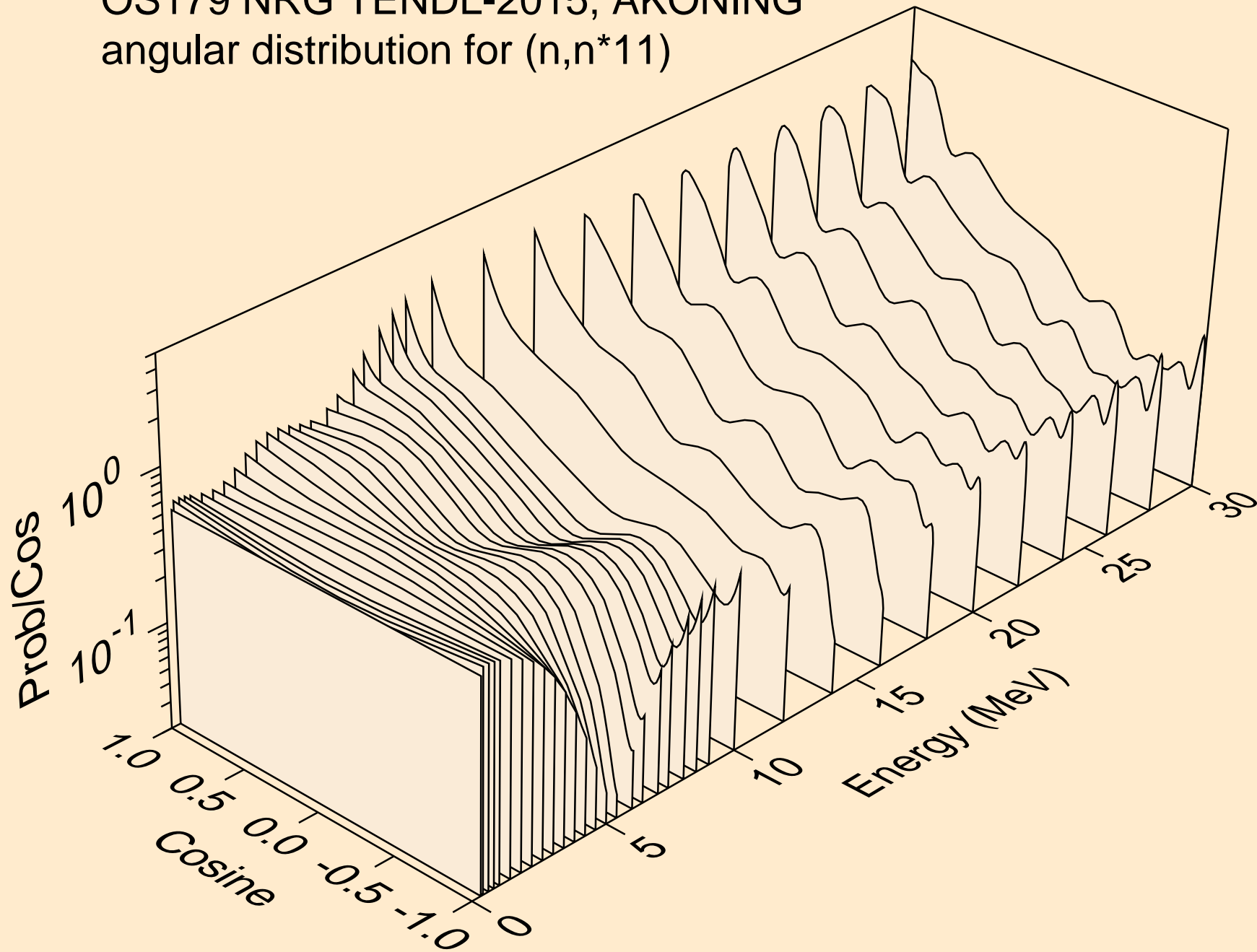




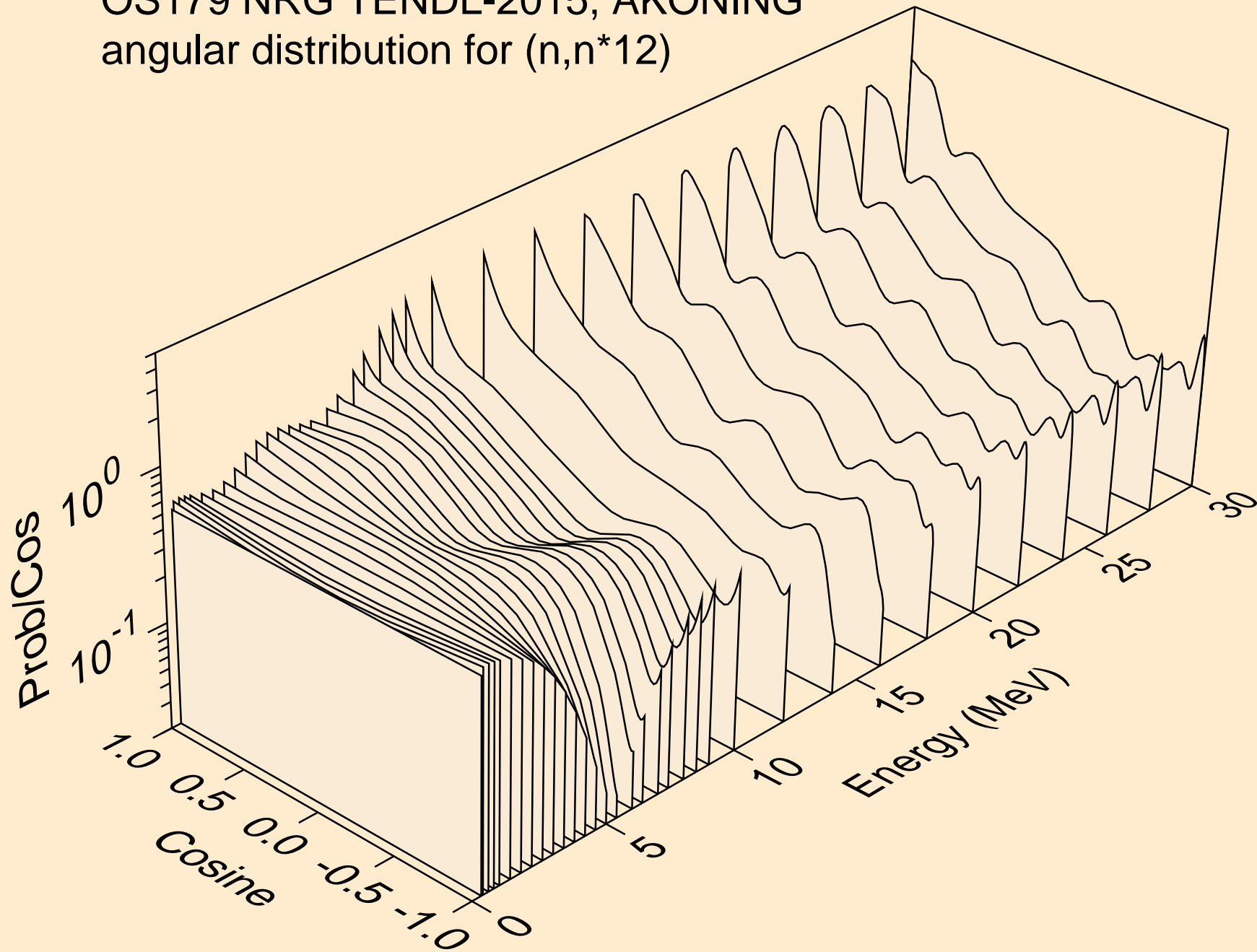
OS179 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



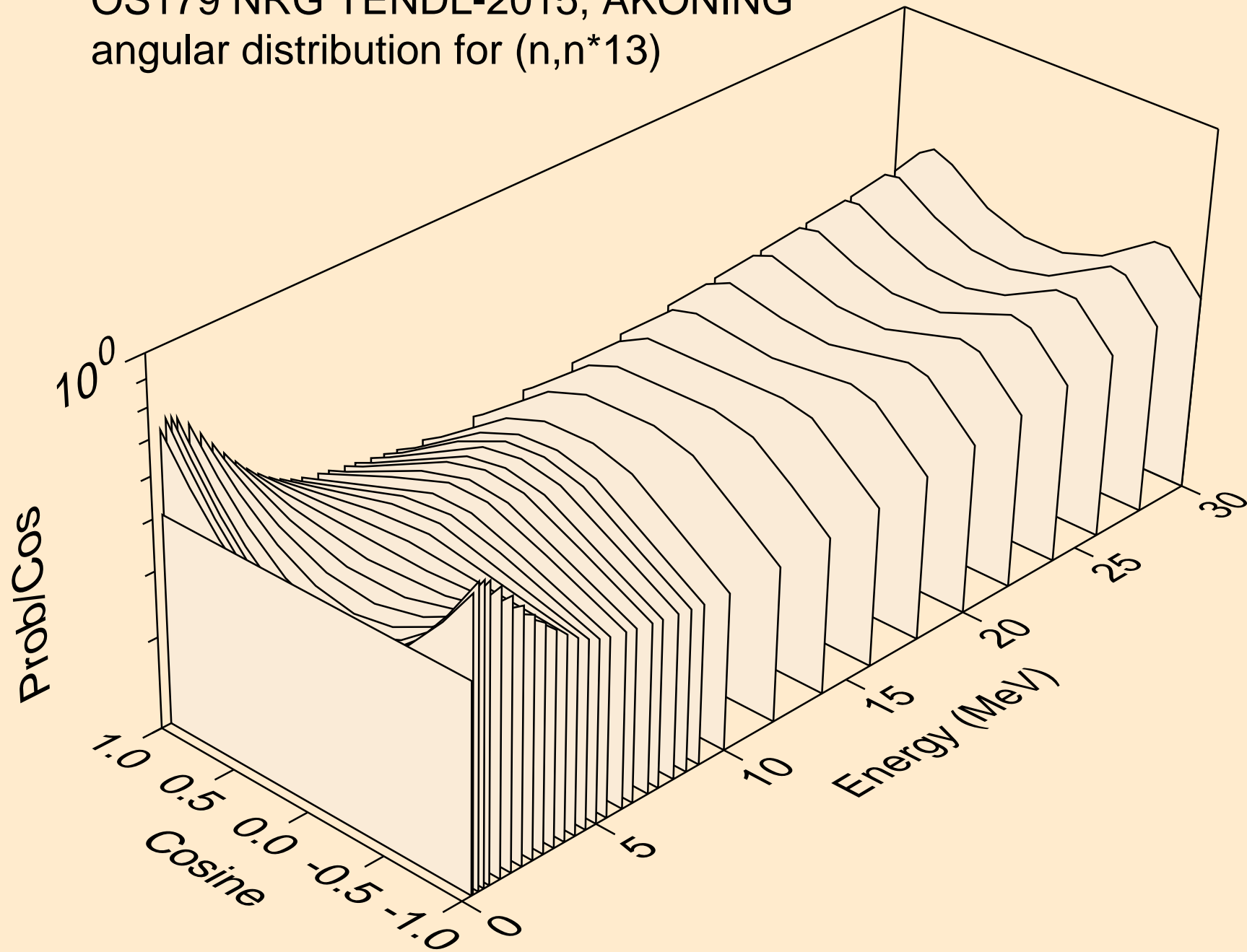
OS179 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



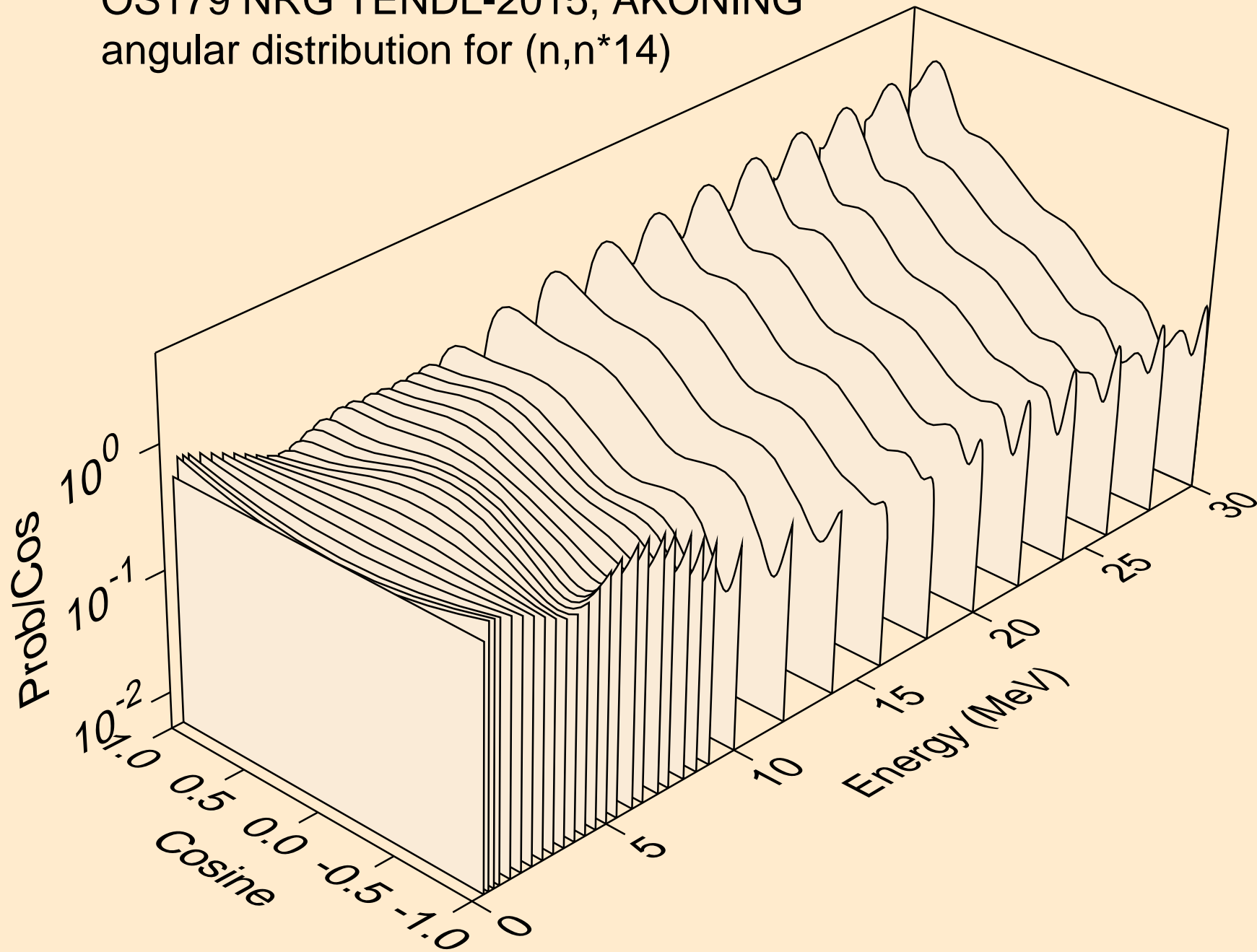
OS179 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



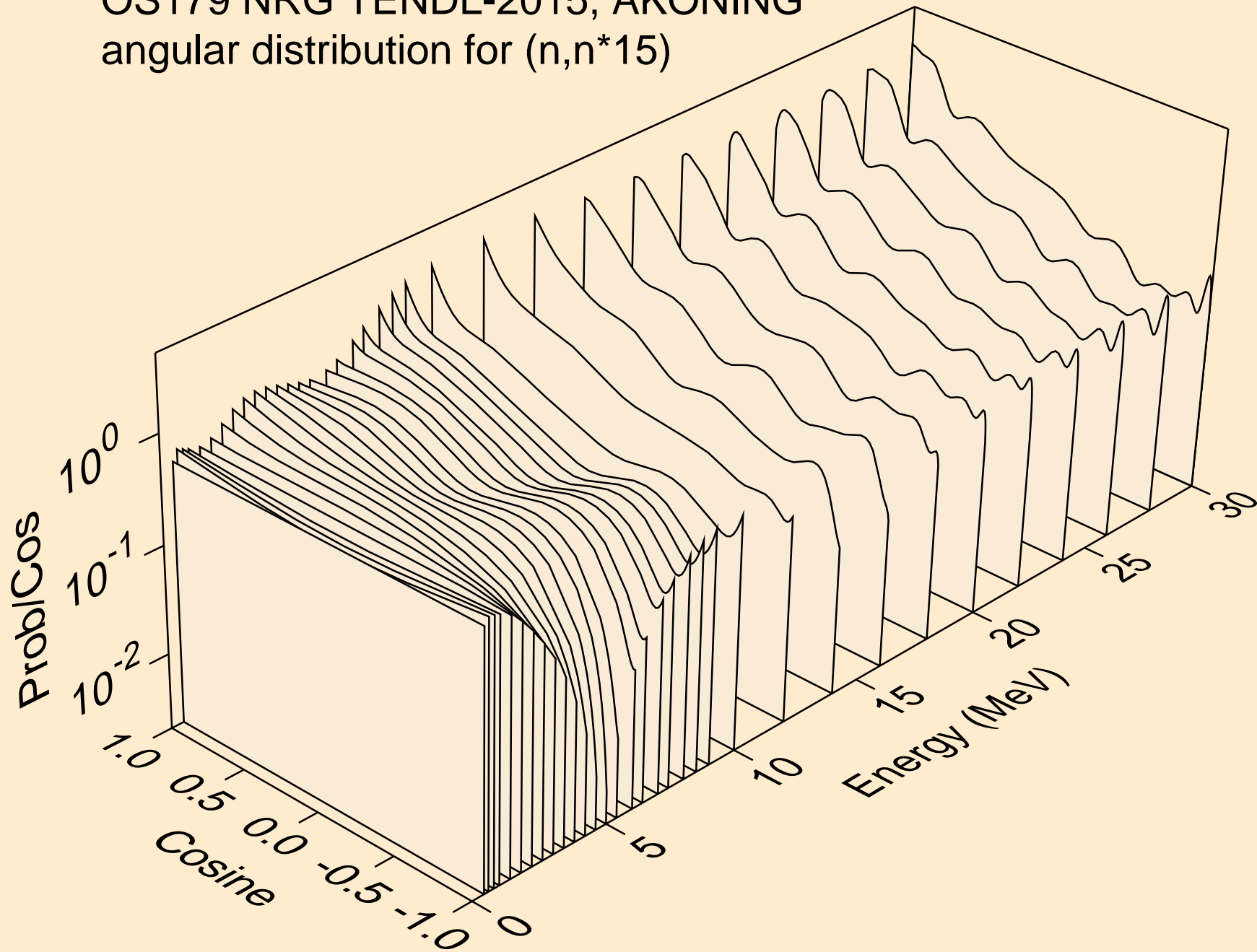
OS179 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



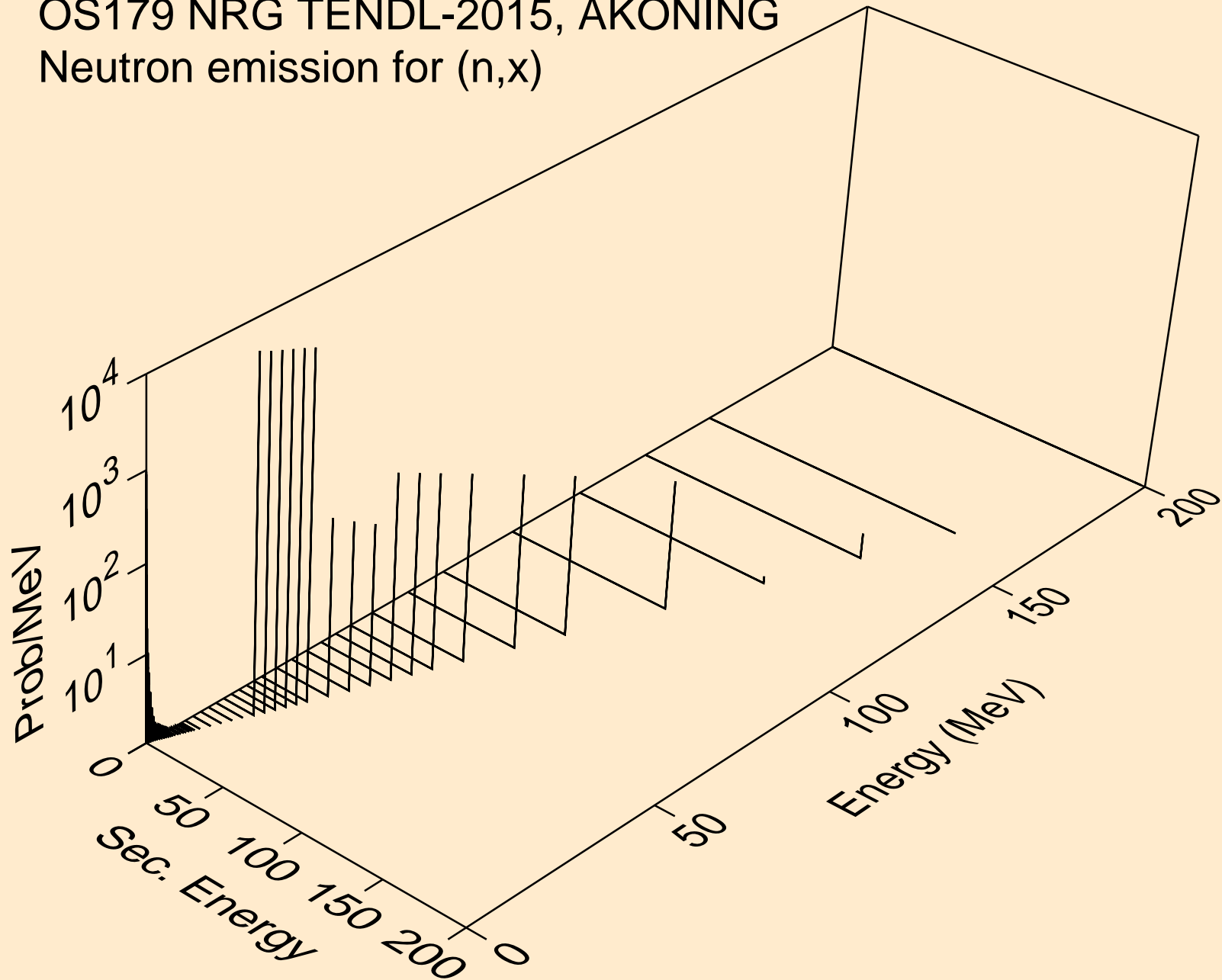
OS179 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



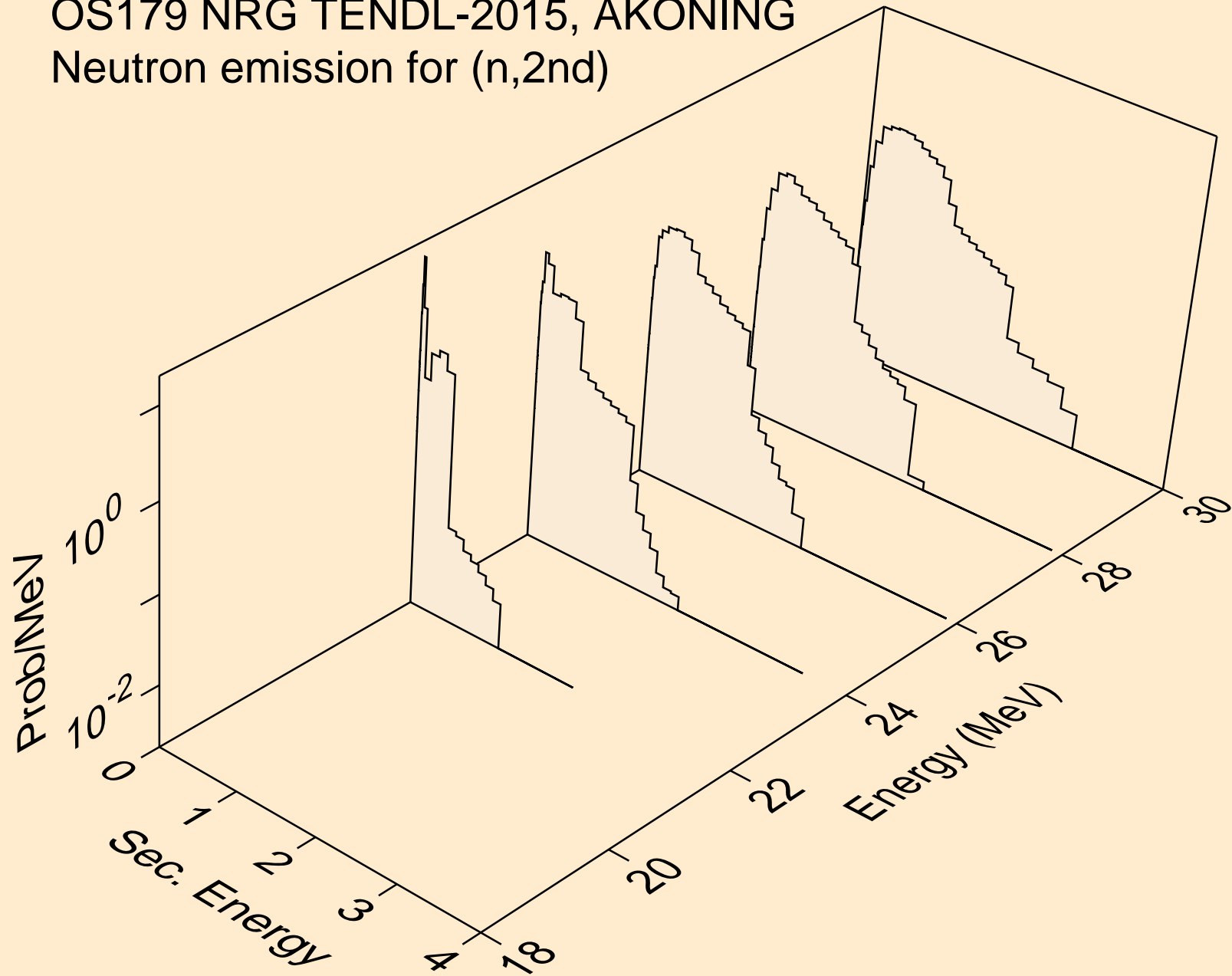
OS179 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



OS179 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

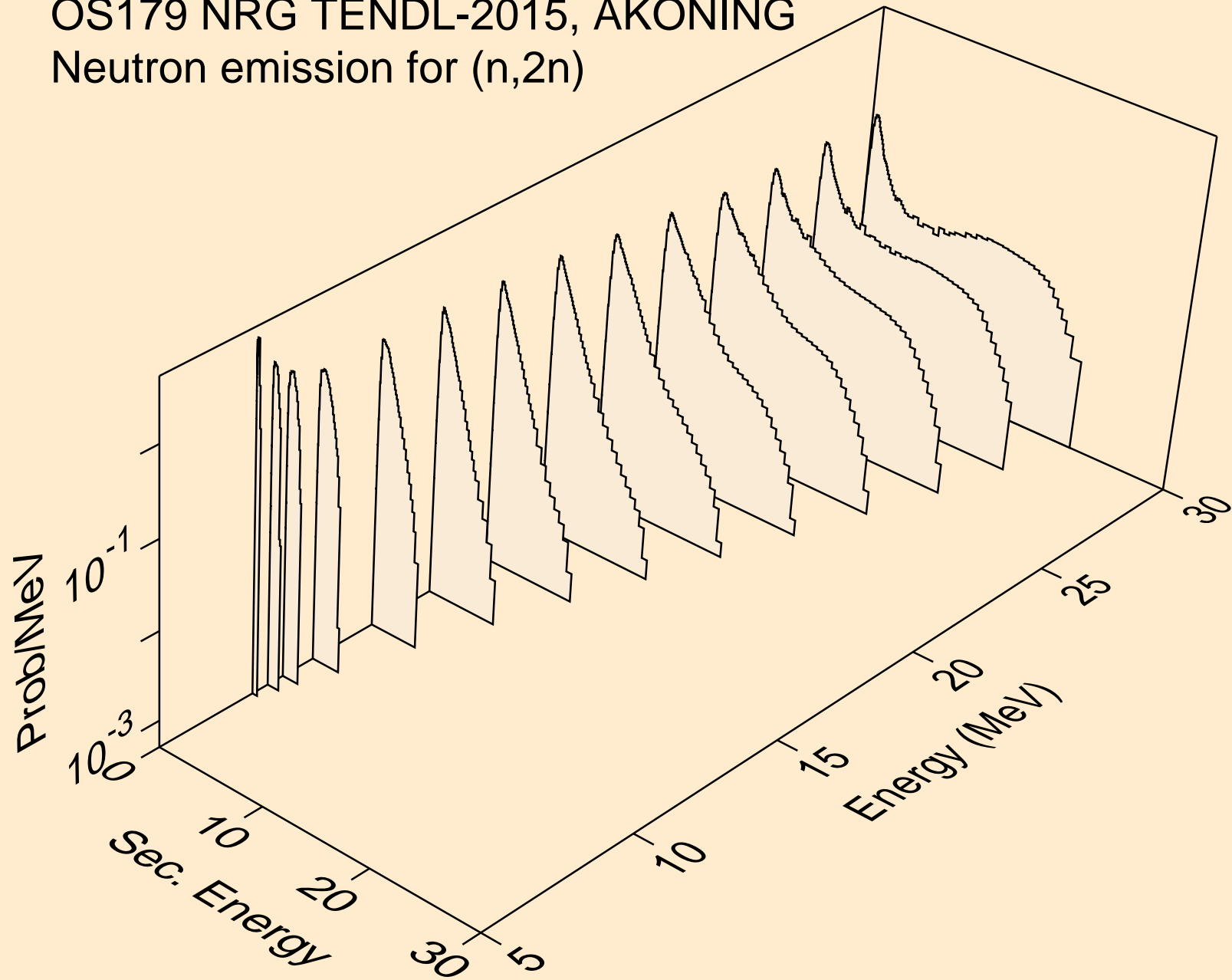


OS179 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

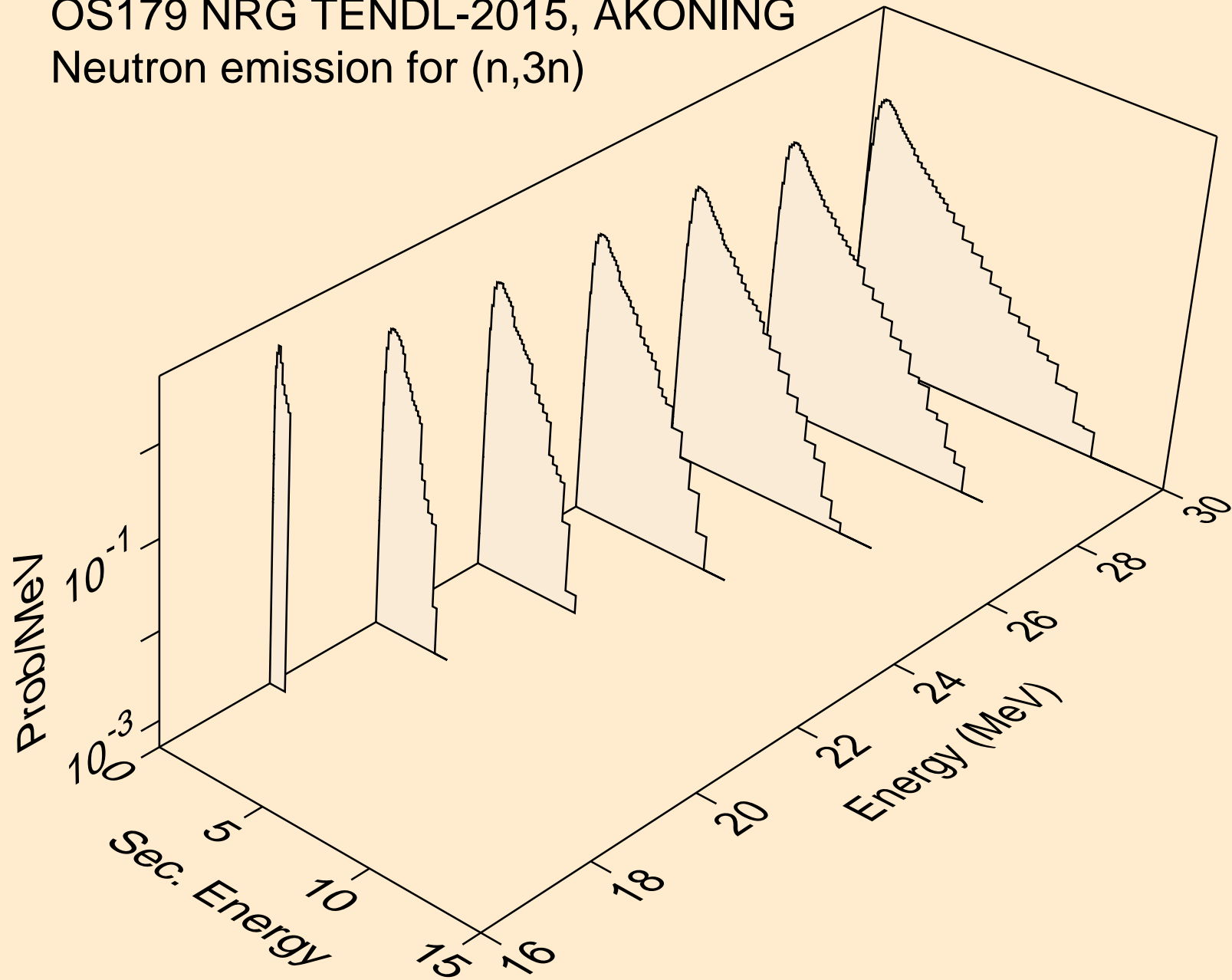




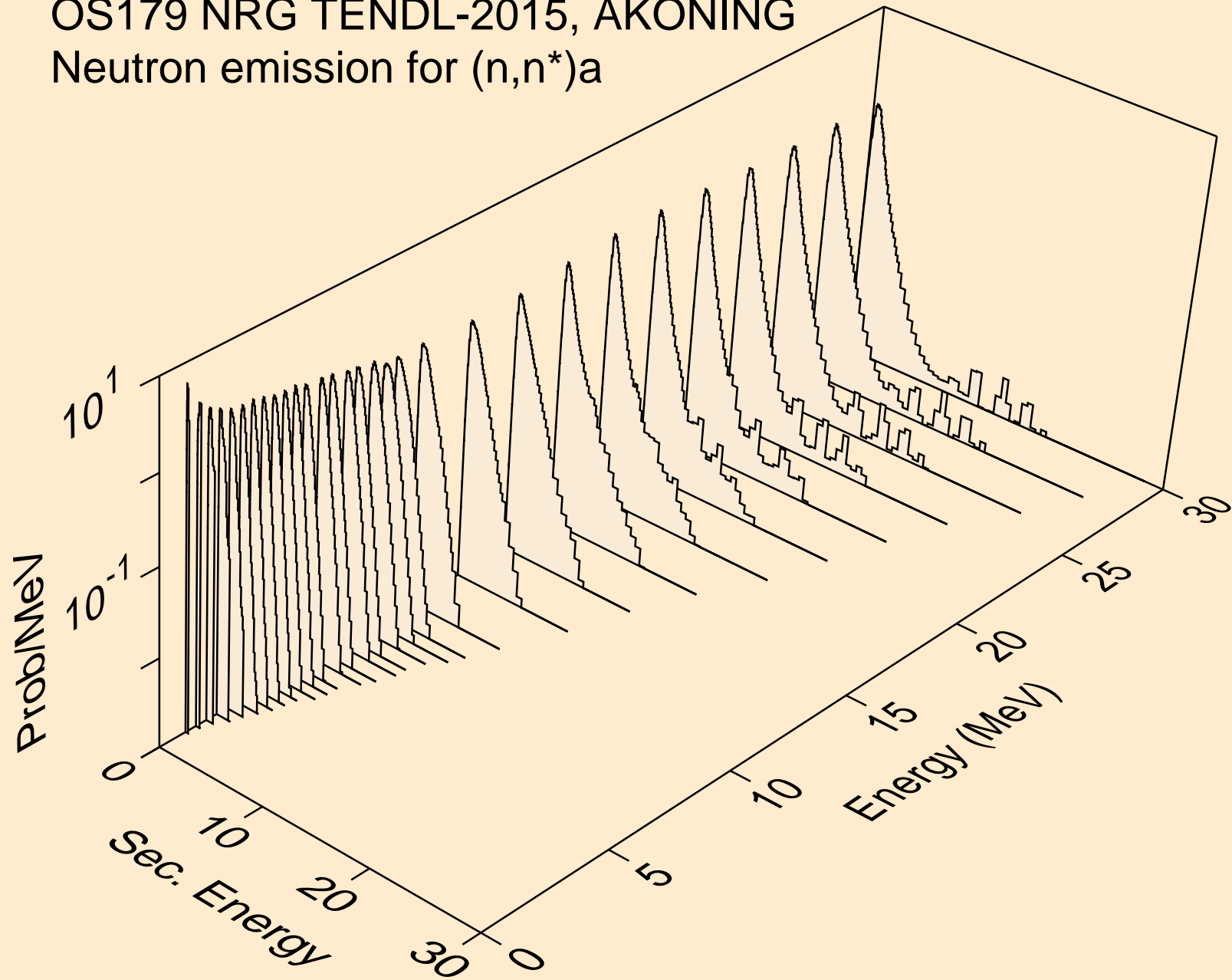
OS179 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



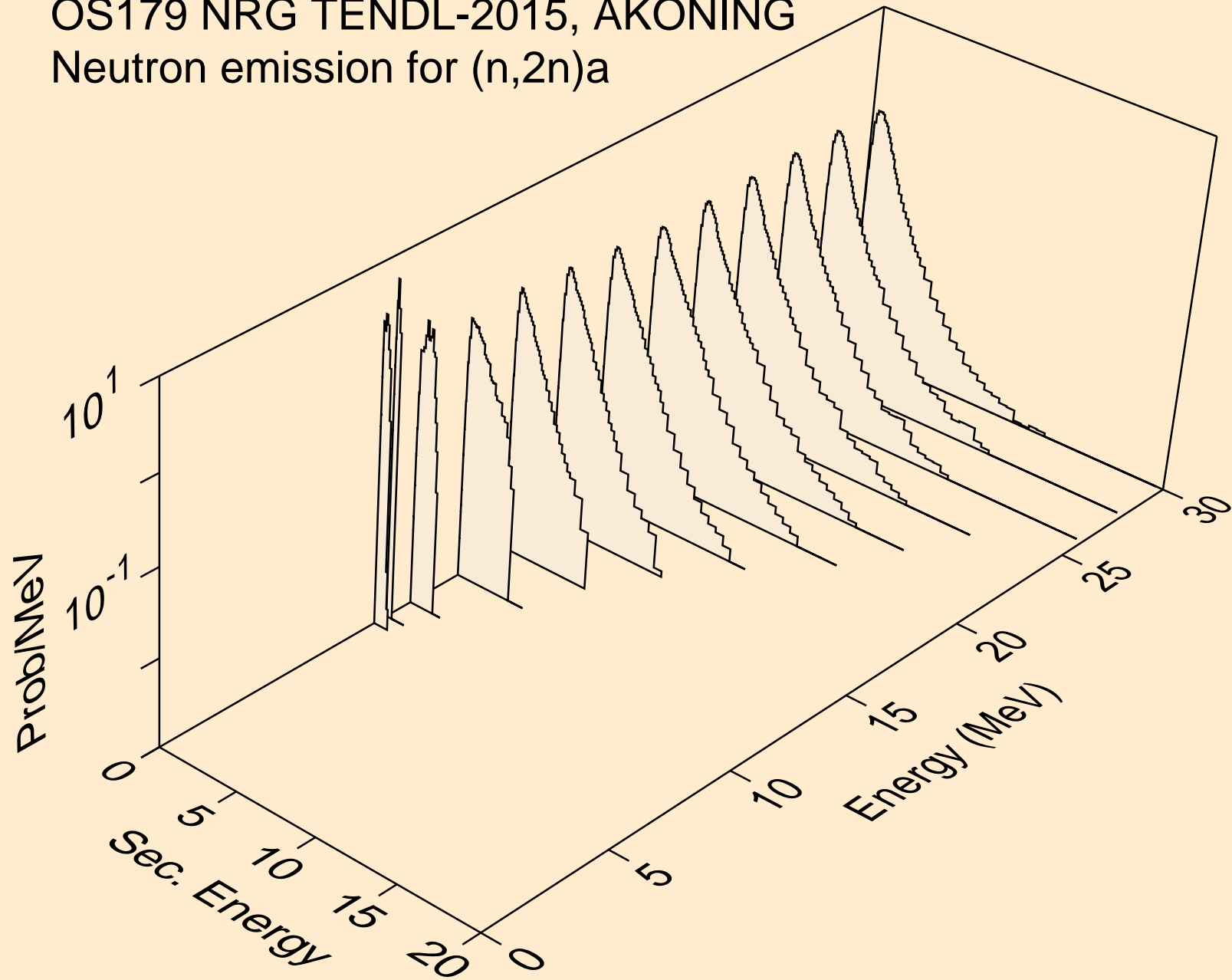
OS179 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



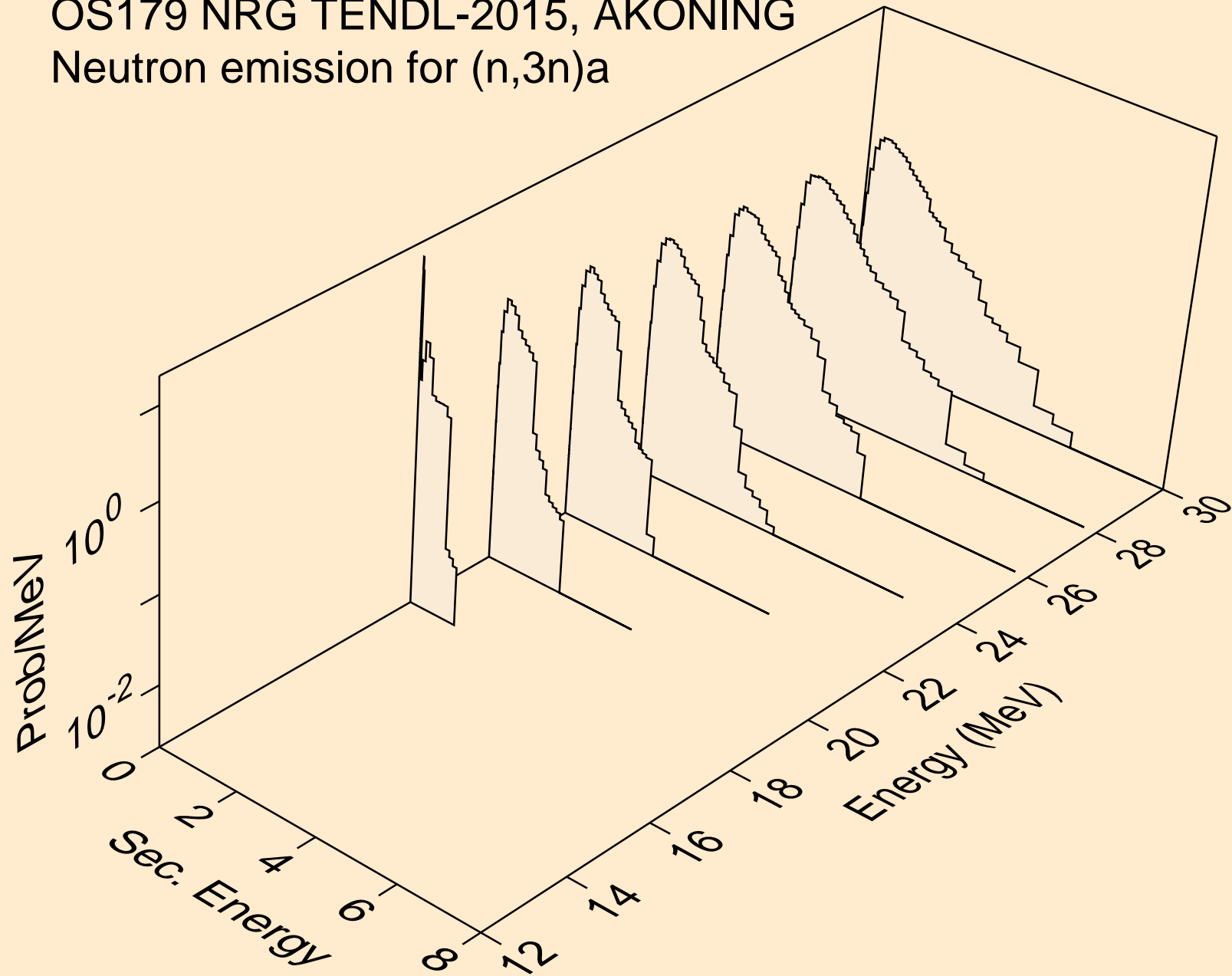
OS179 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



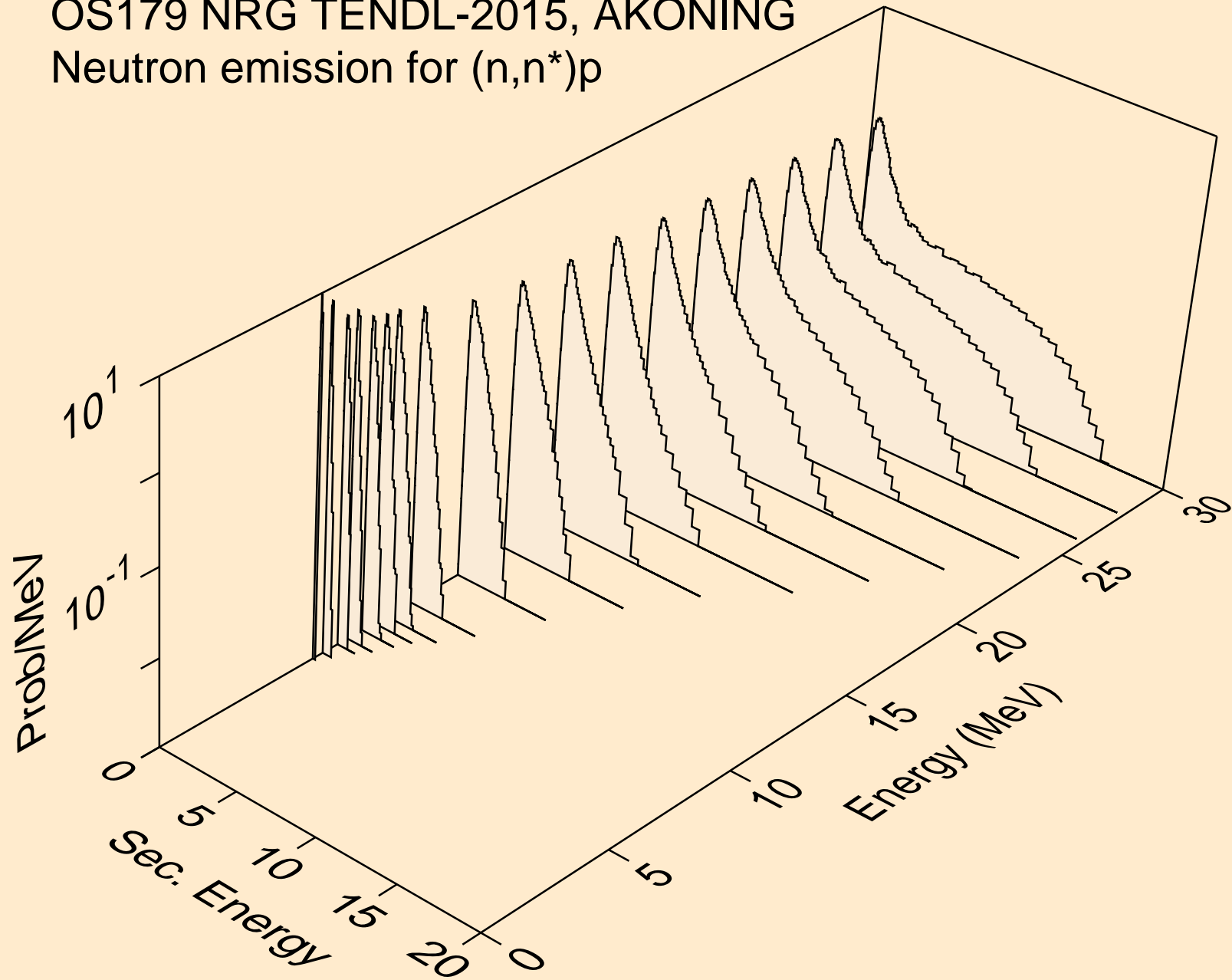
OS179 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



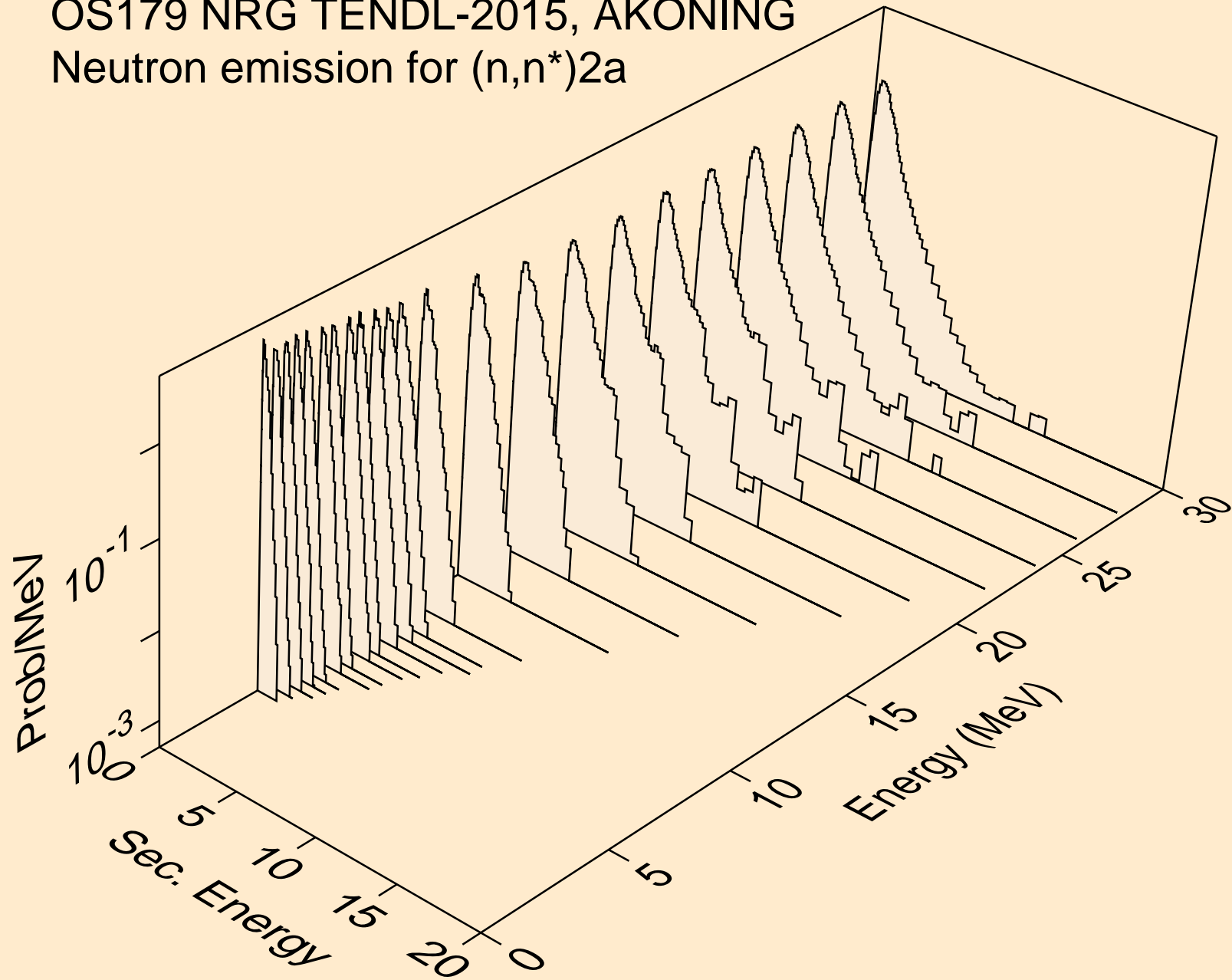
OS179 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



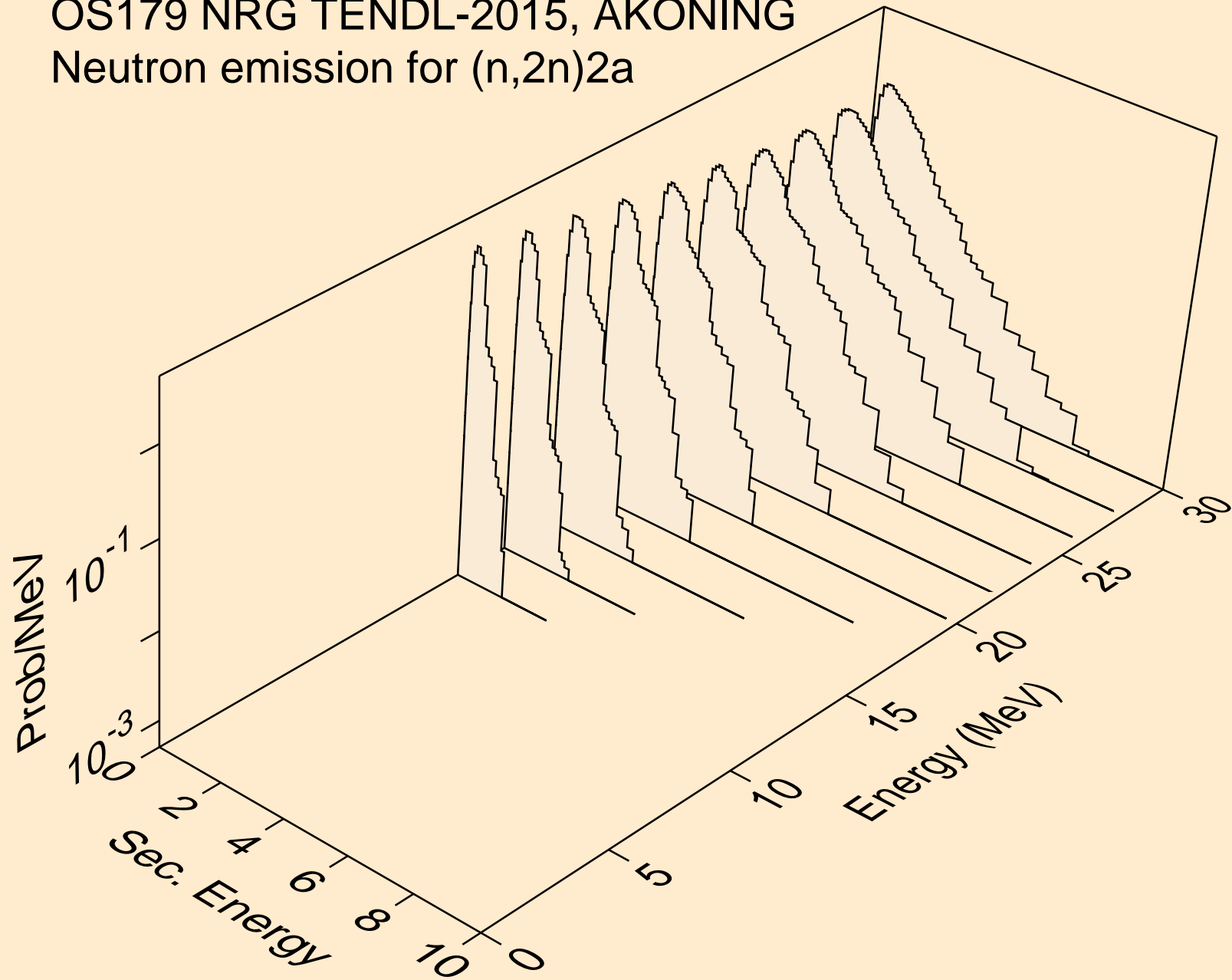
OS179 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



OS179 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

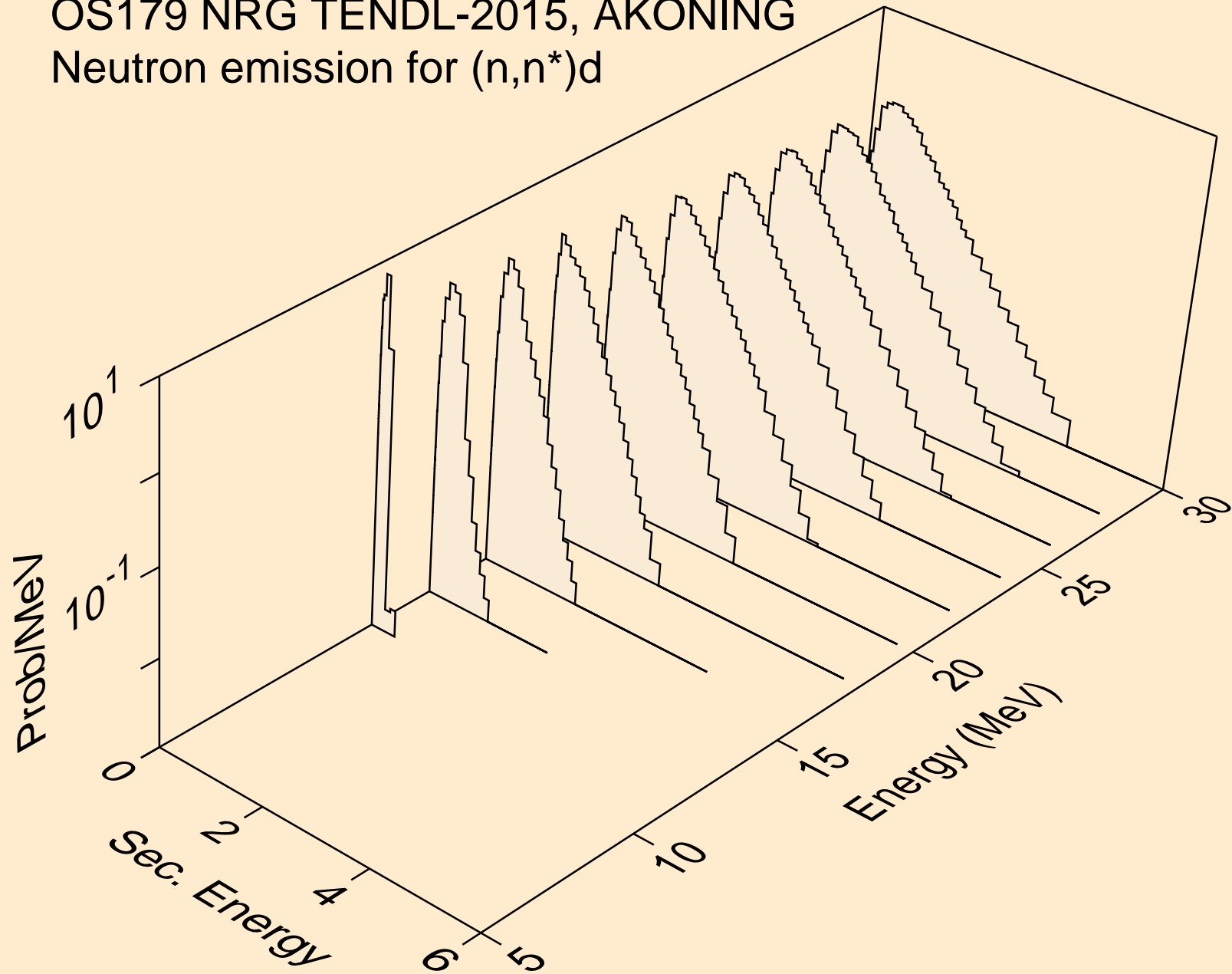


OS179 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a

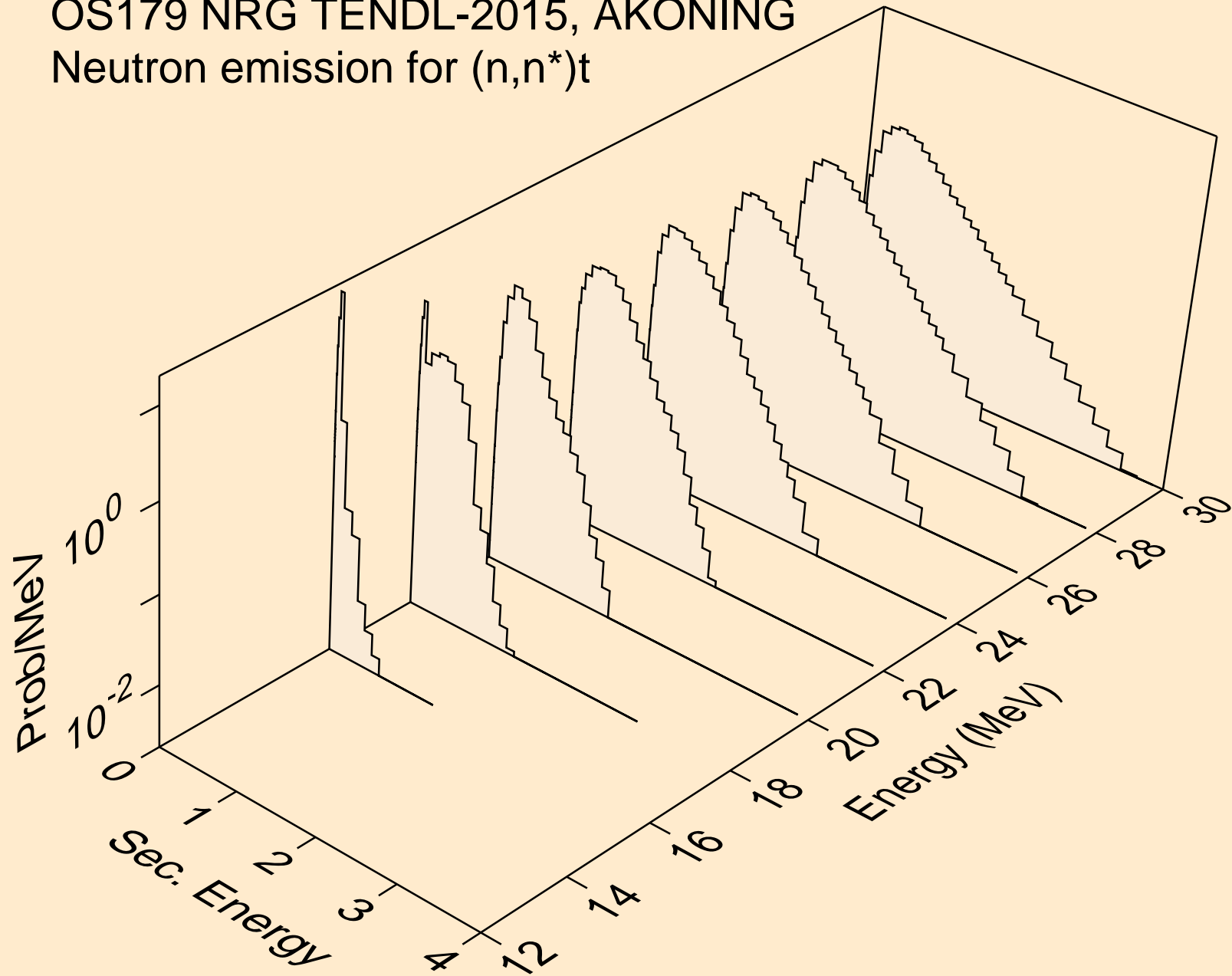




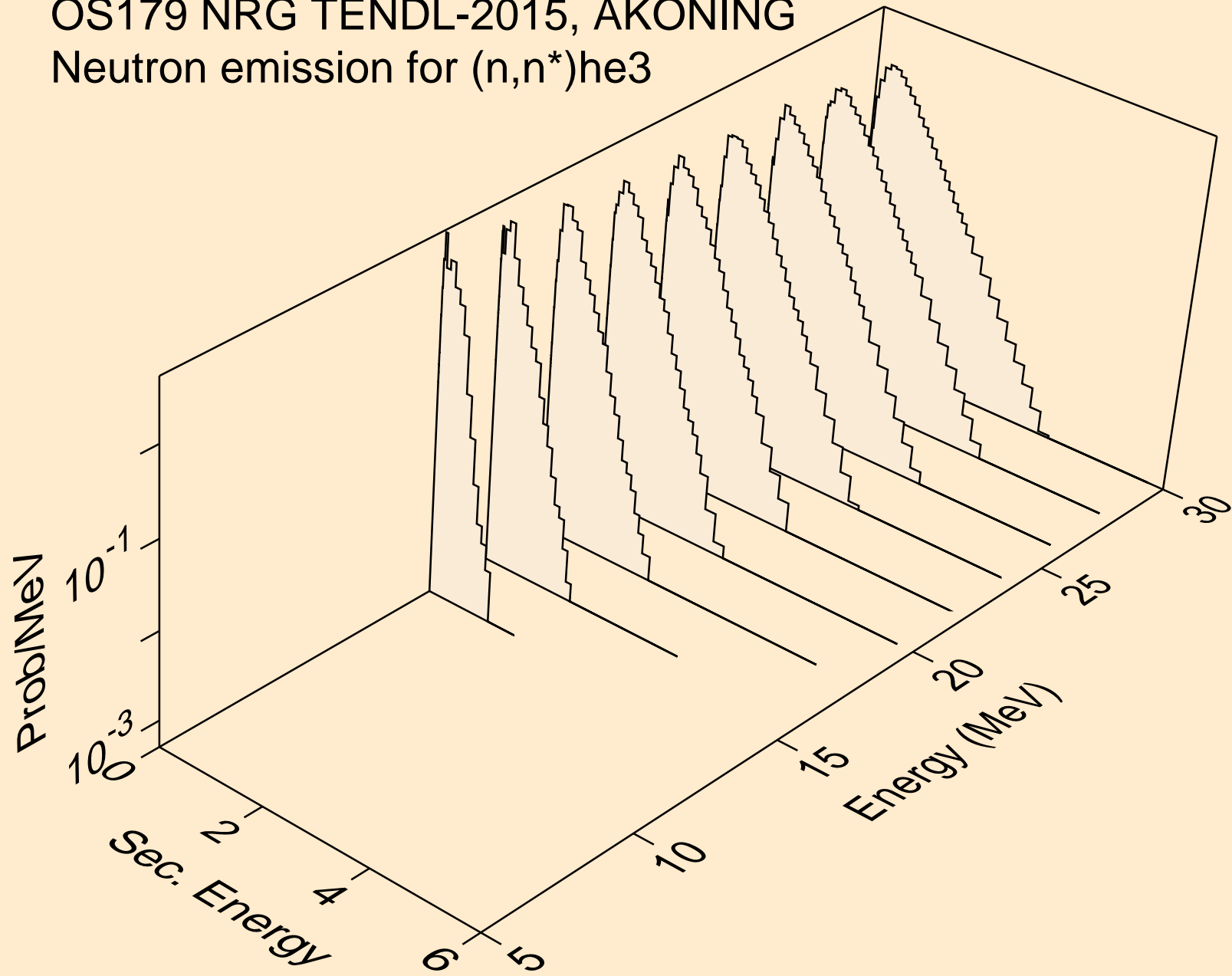
OS179 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



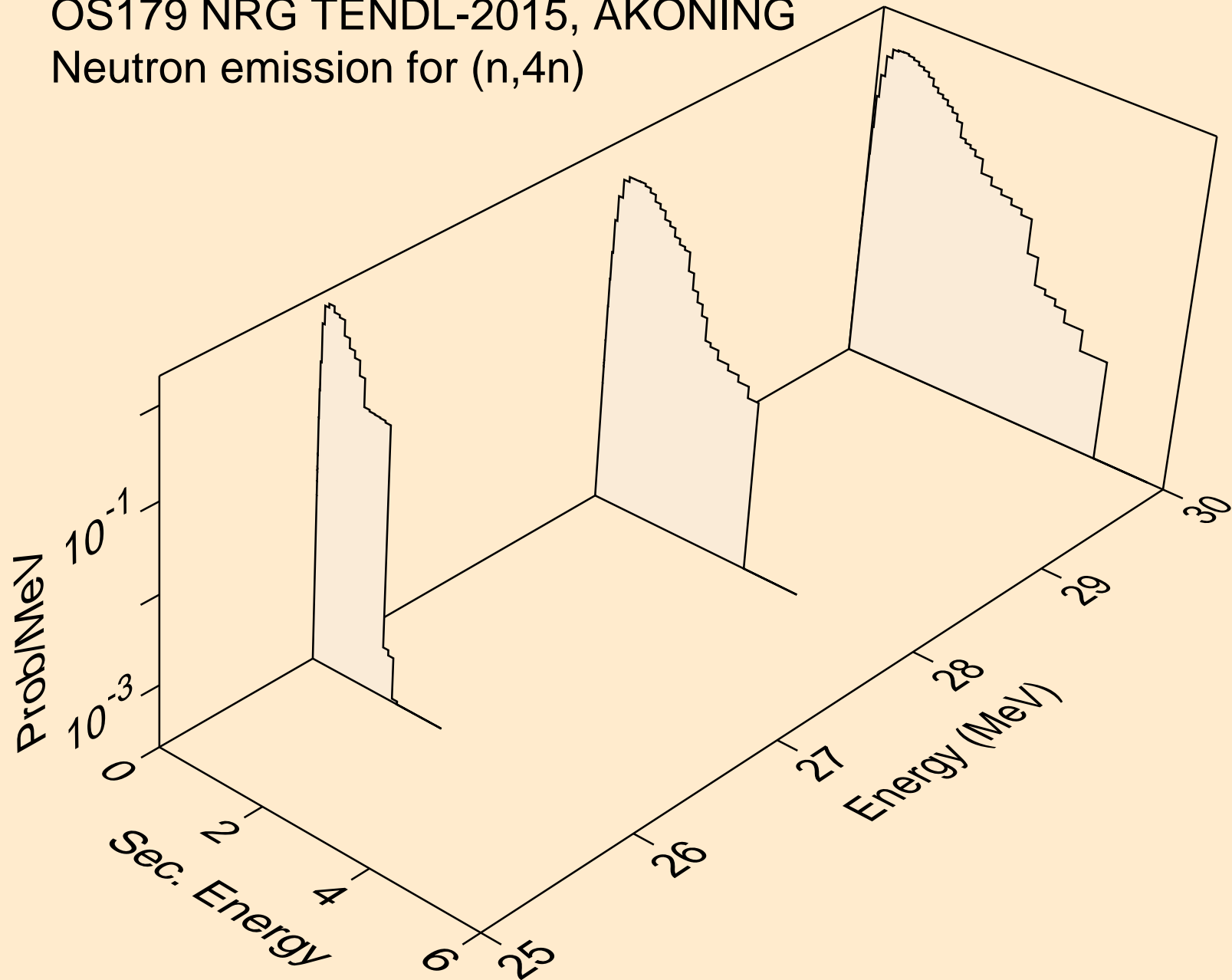
OS179 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



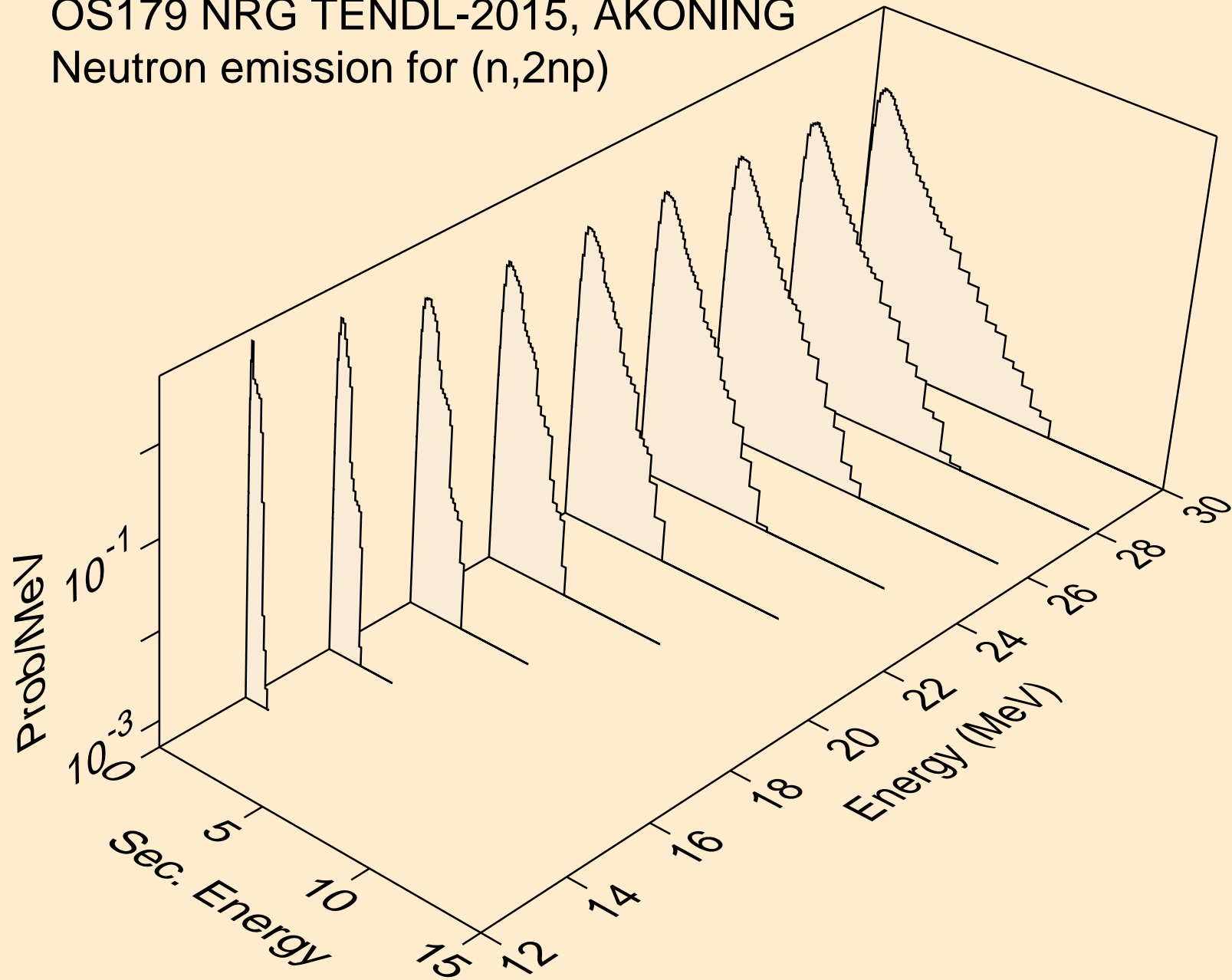
OS179 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



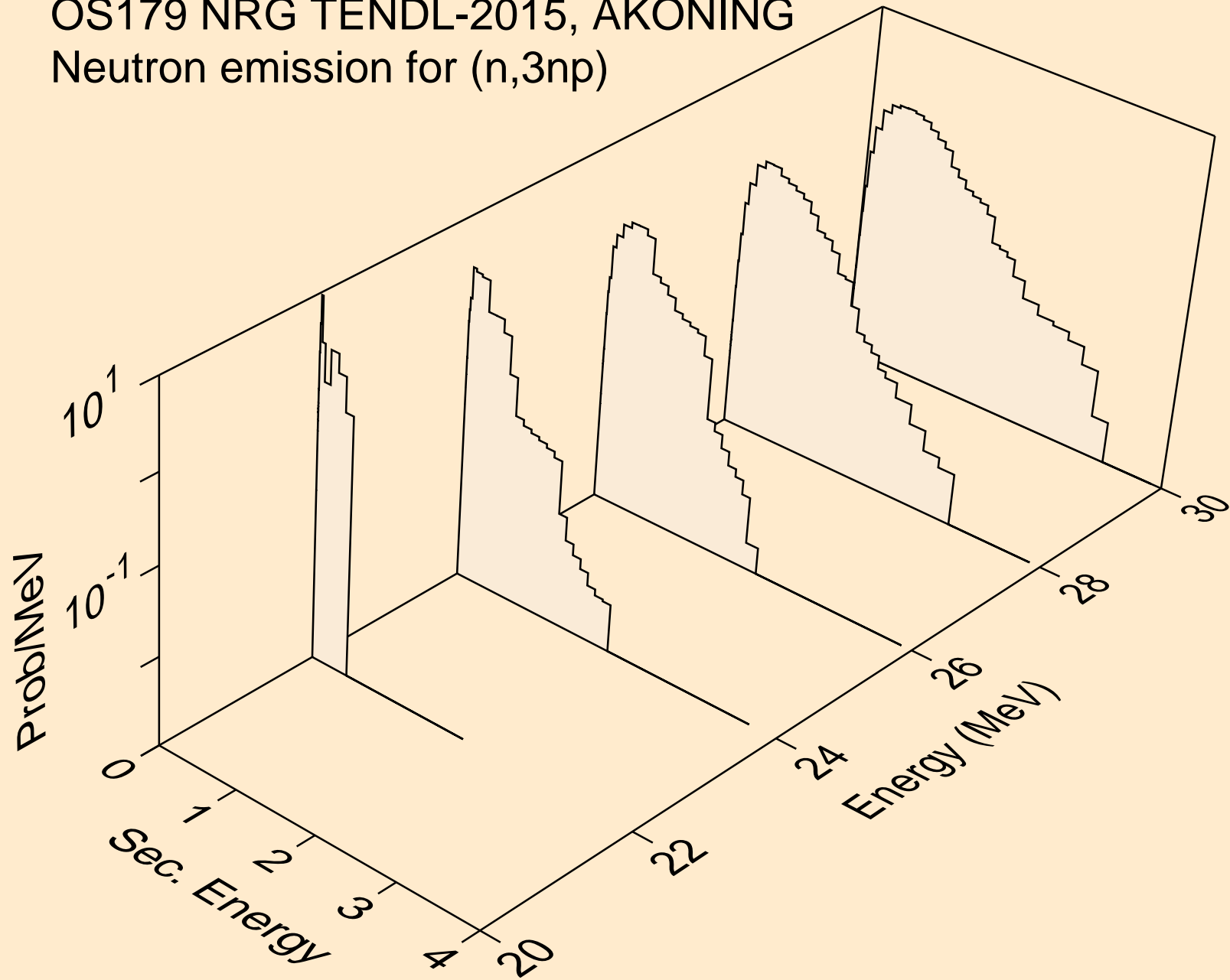
OS179 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



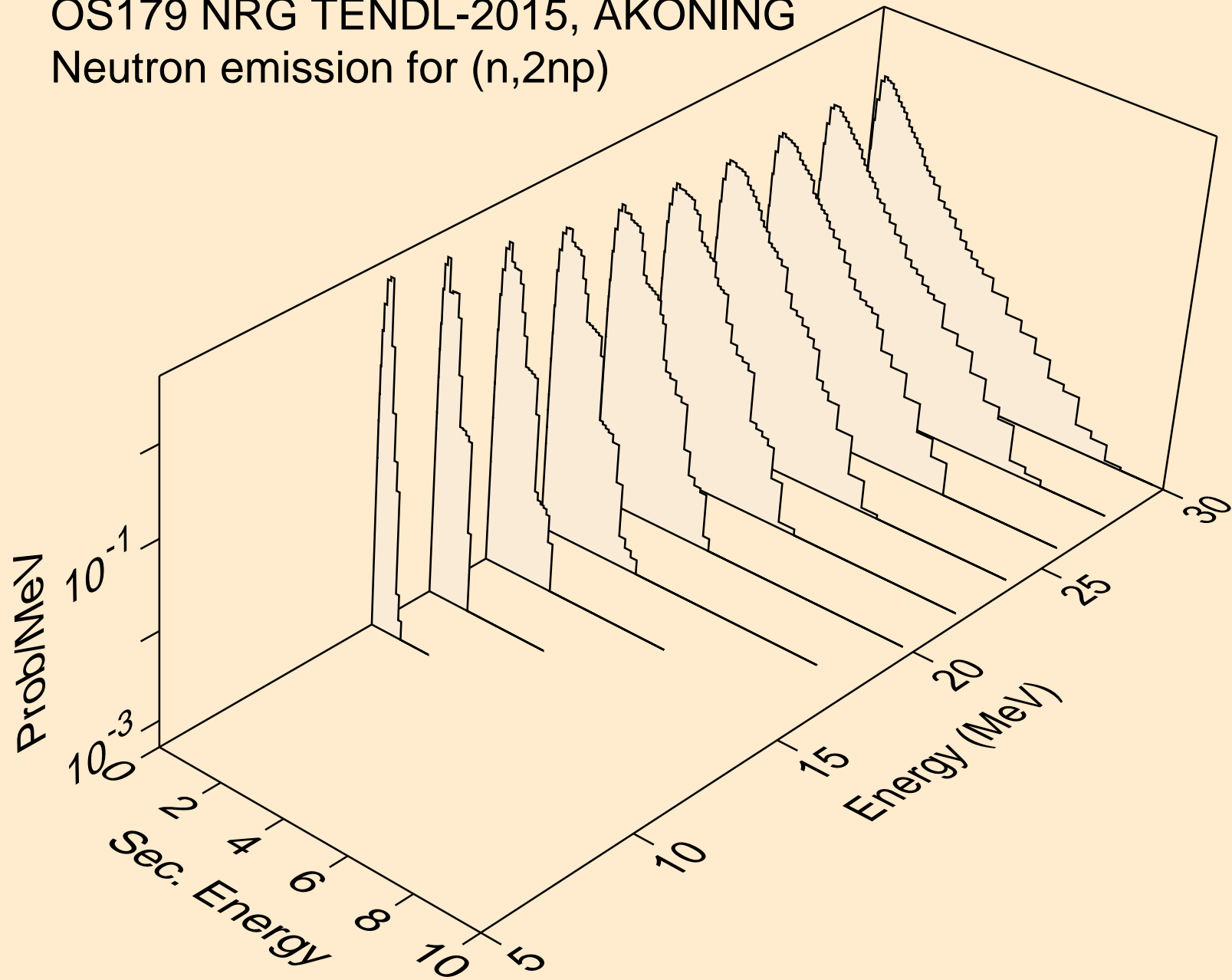
OS179 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



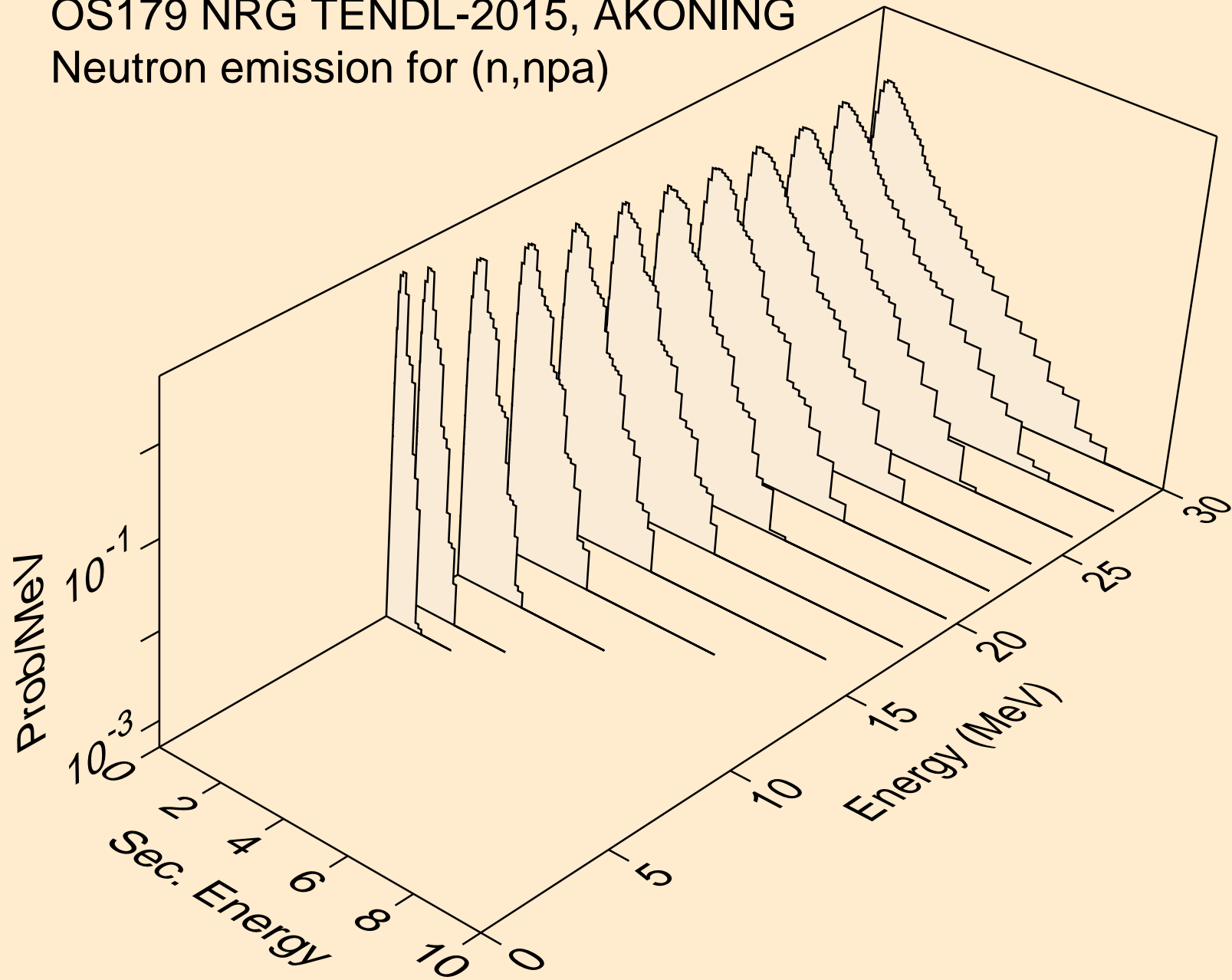
OS179 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



OS179 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

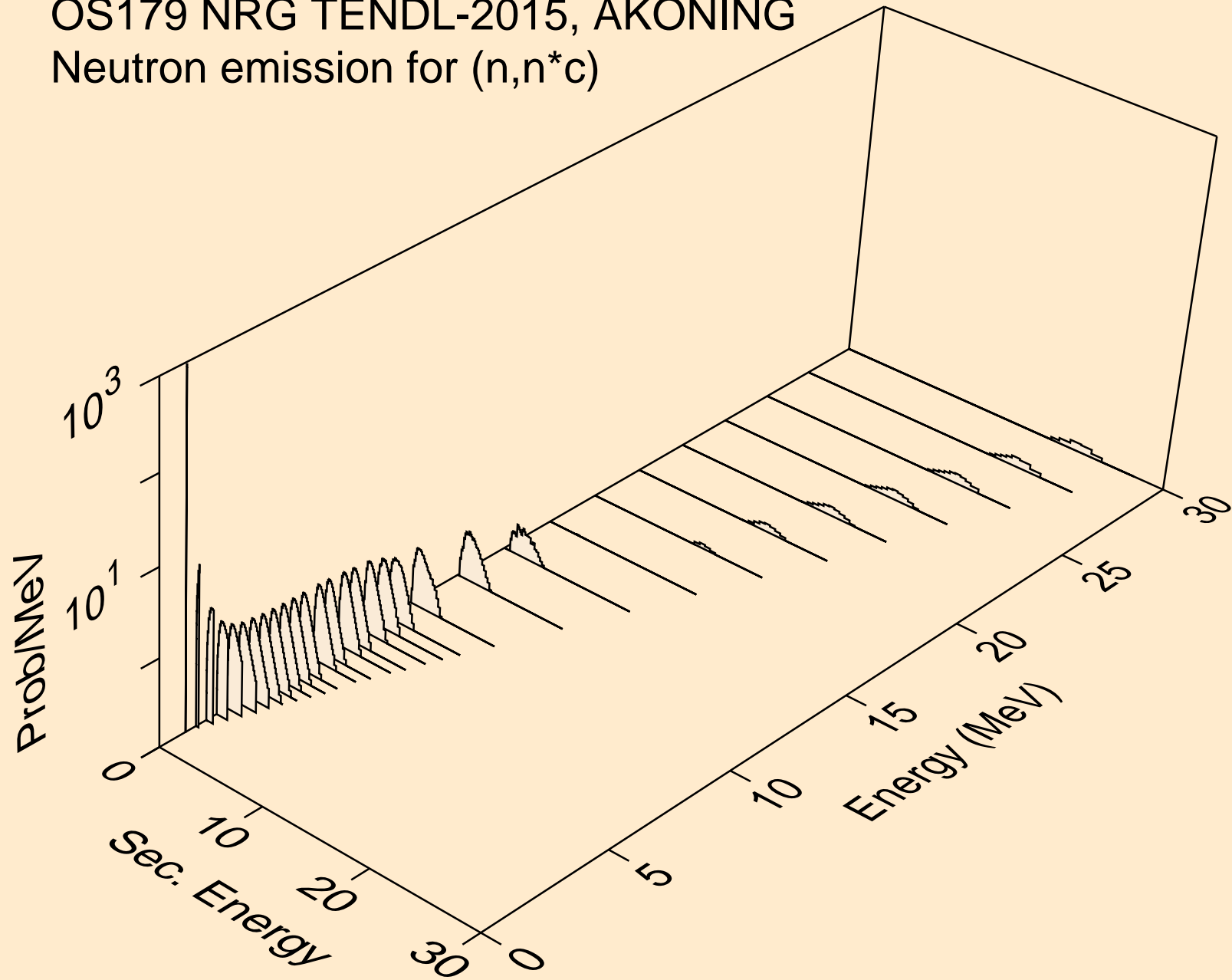


OS179 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

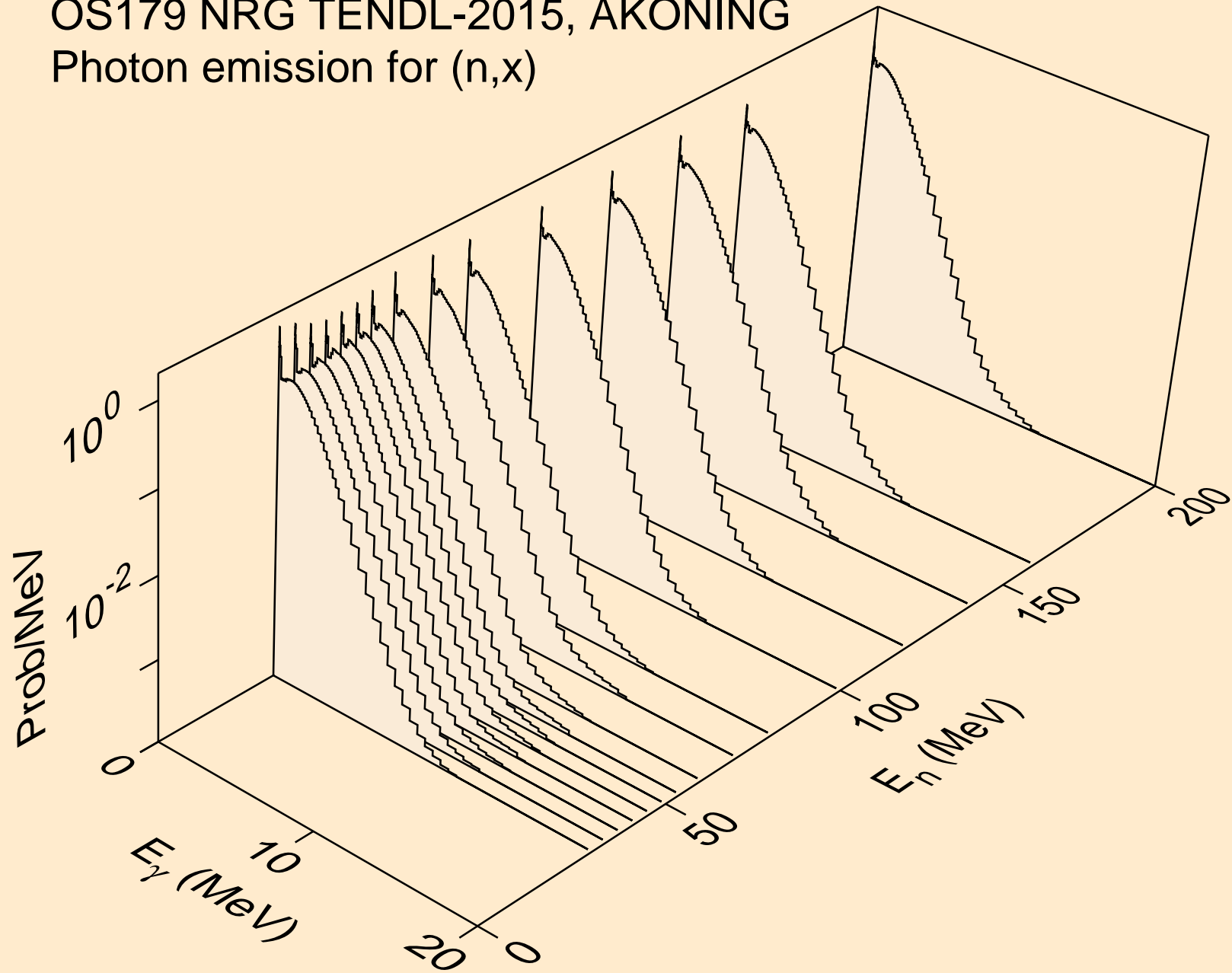




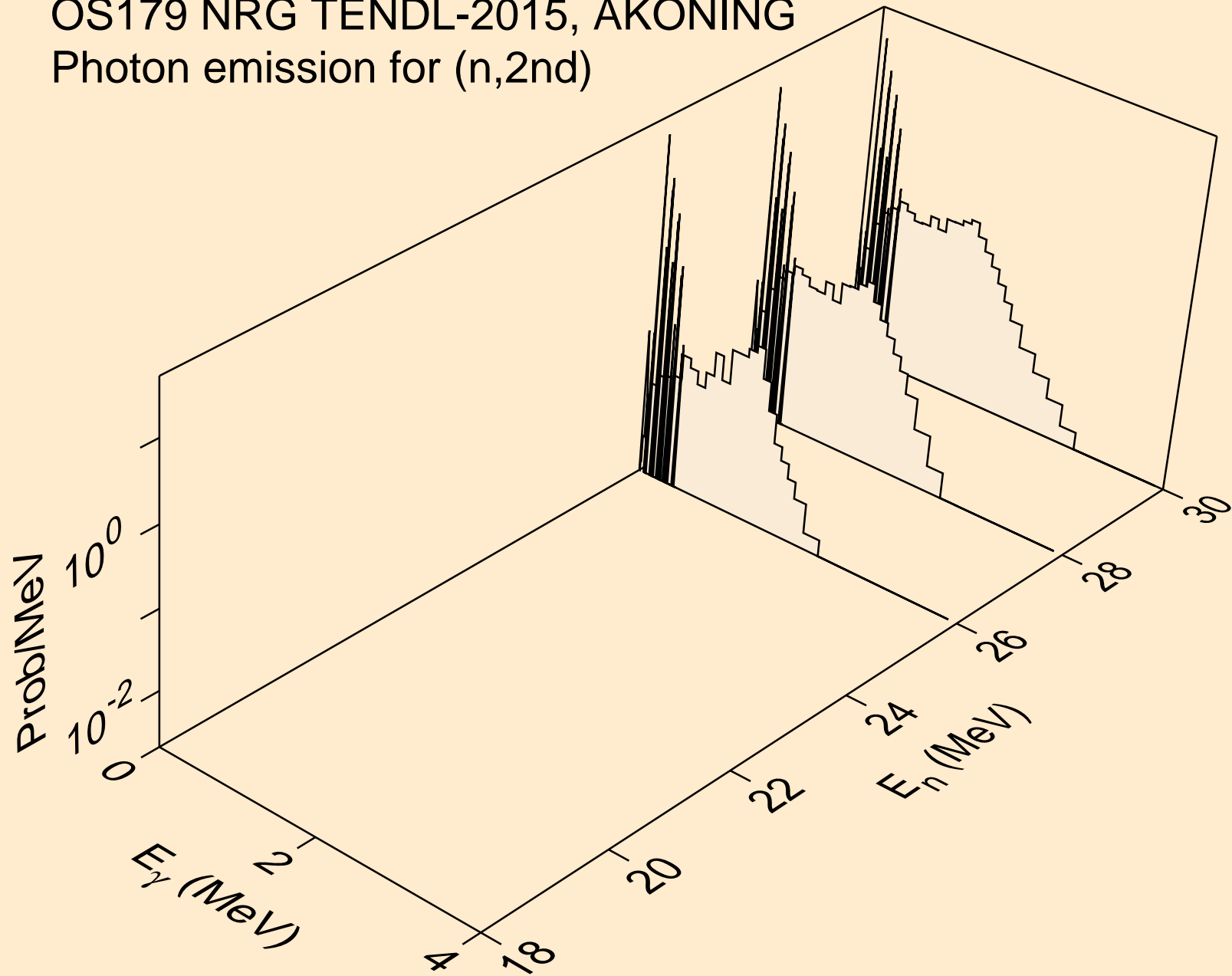
OS179 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



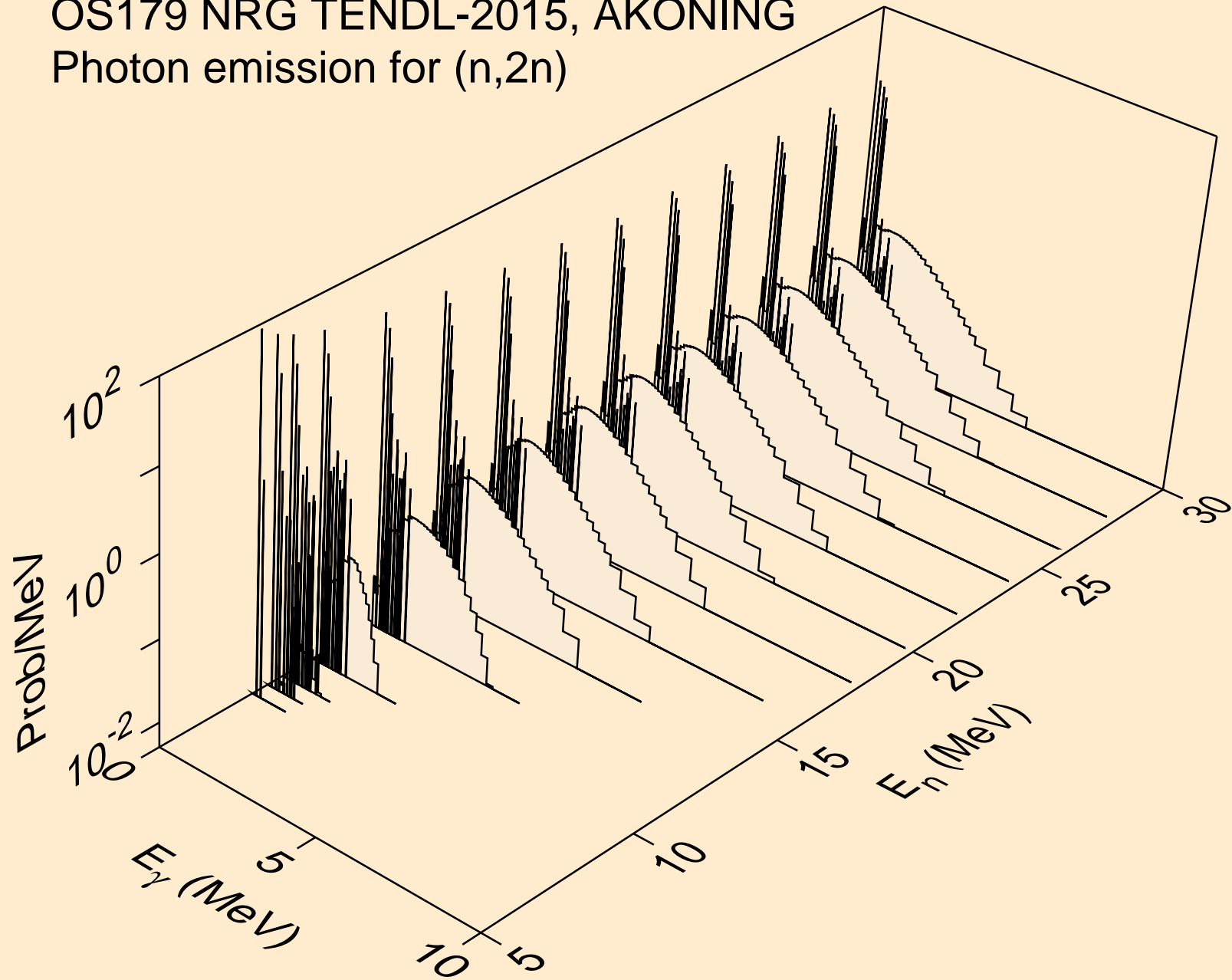
OS179 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



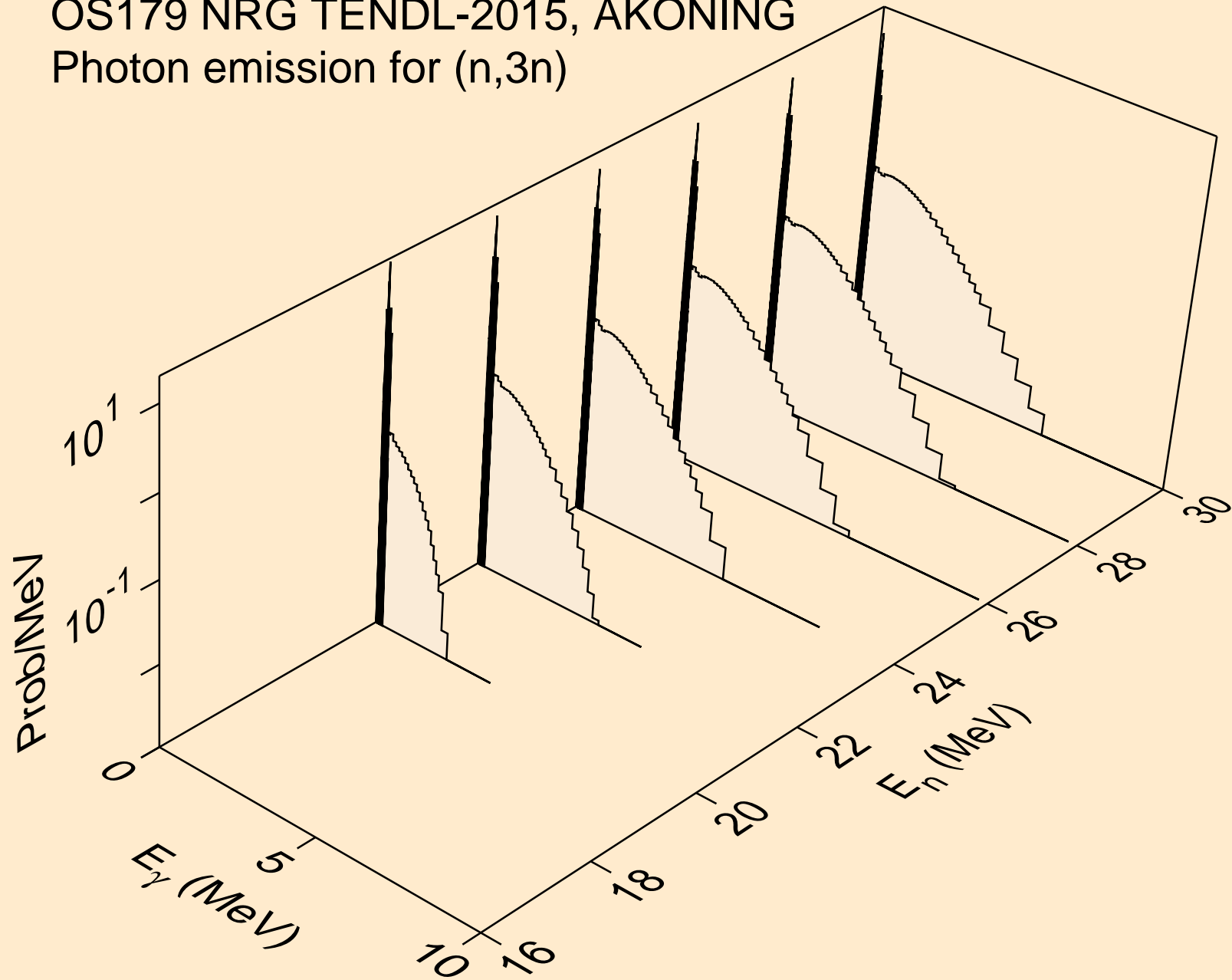
OS179 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



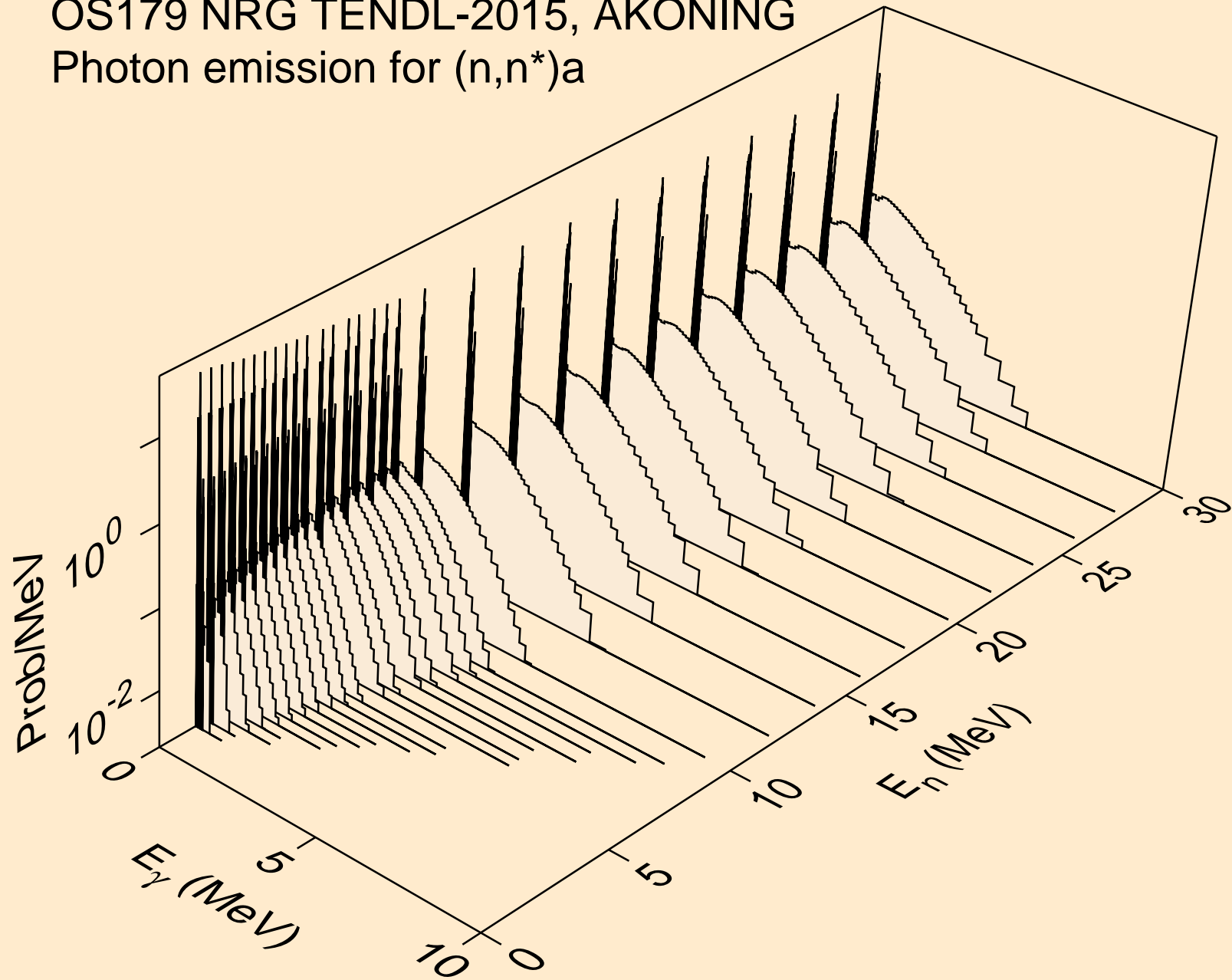
OS179 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



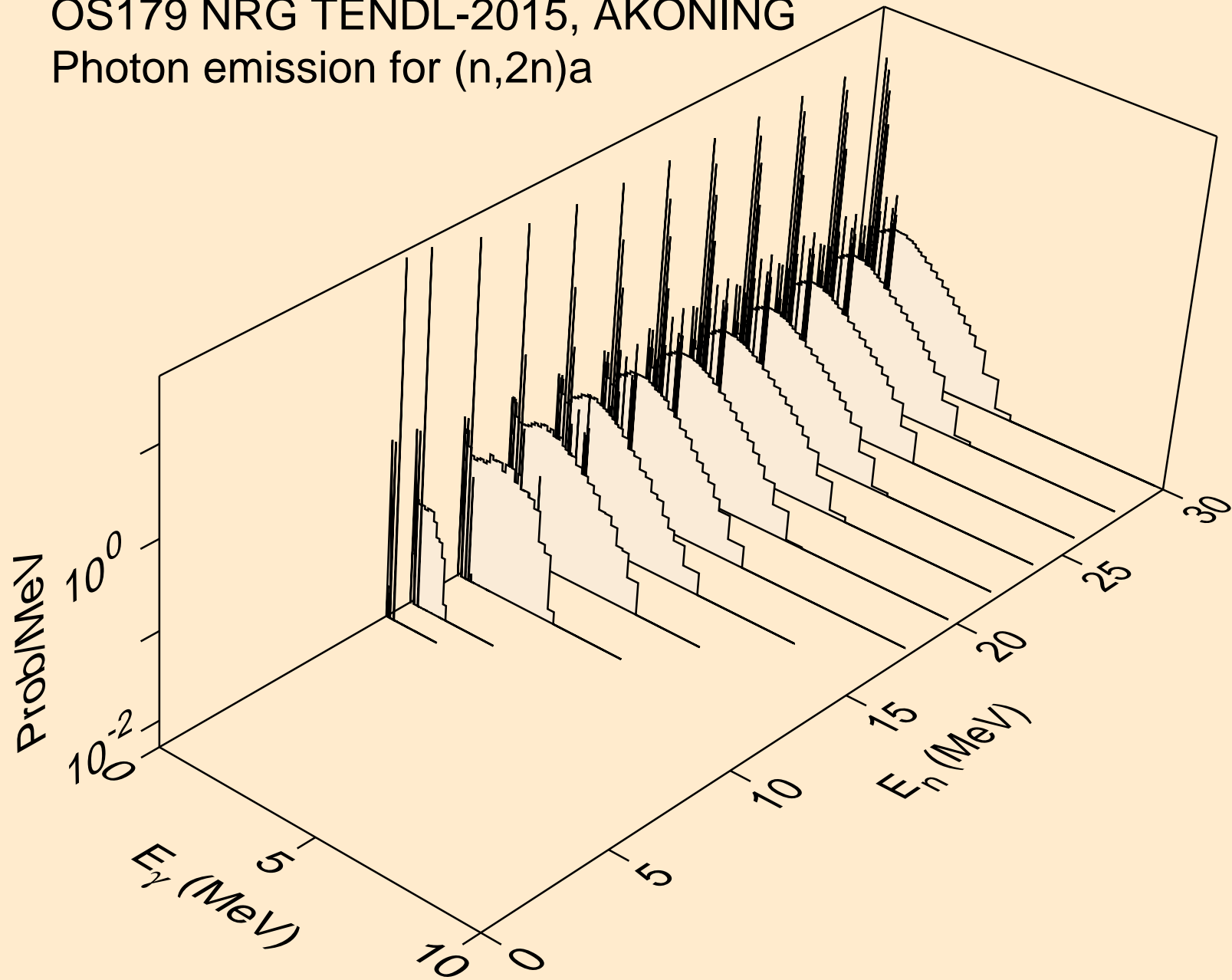
OS179 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



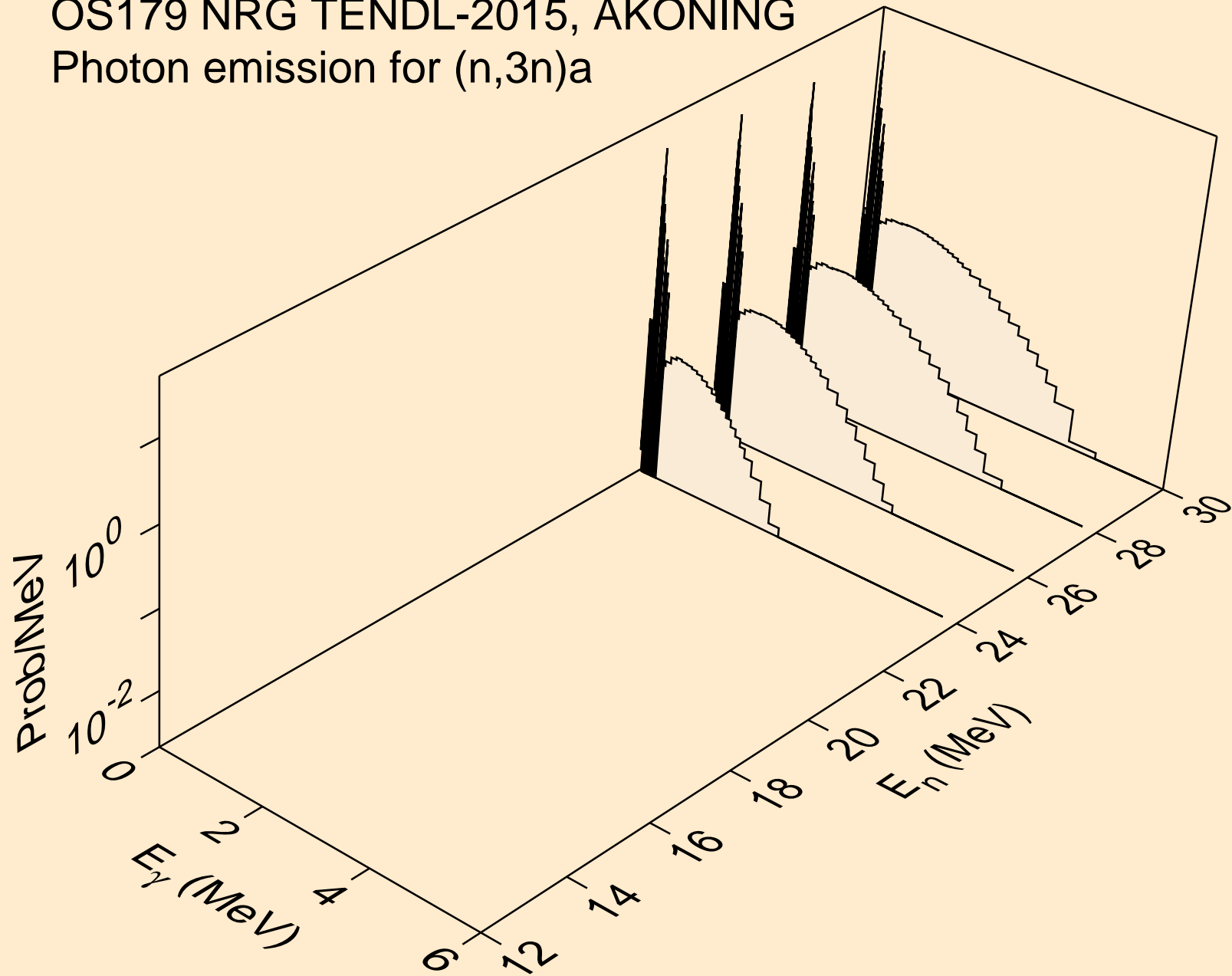
OS179 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



OS179 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

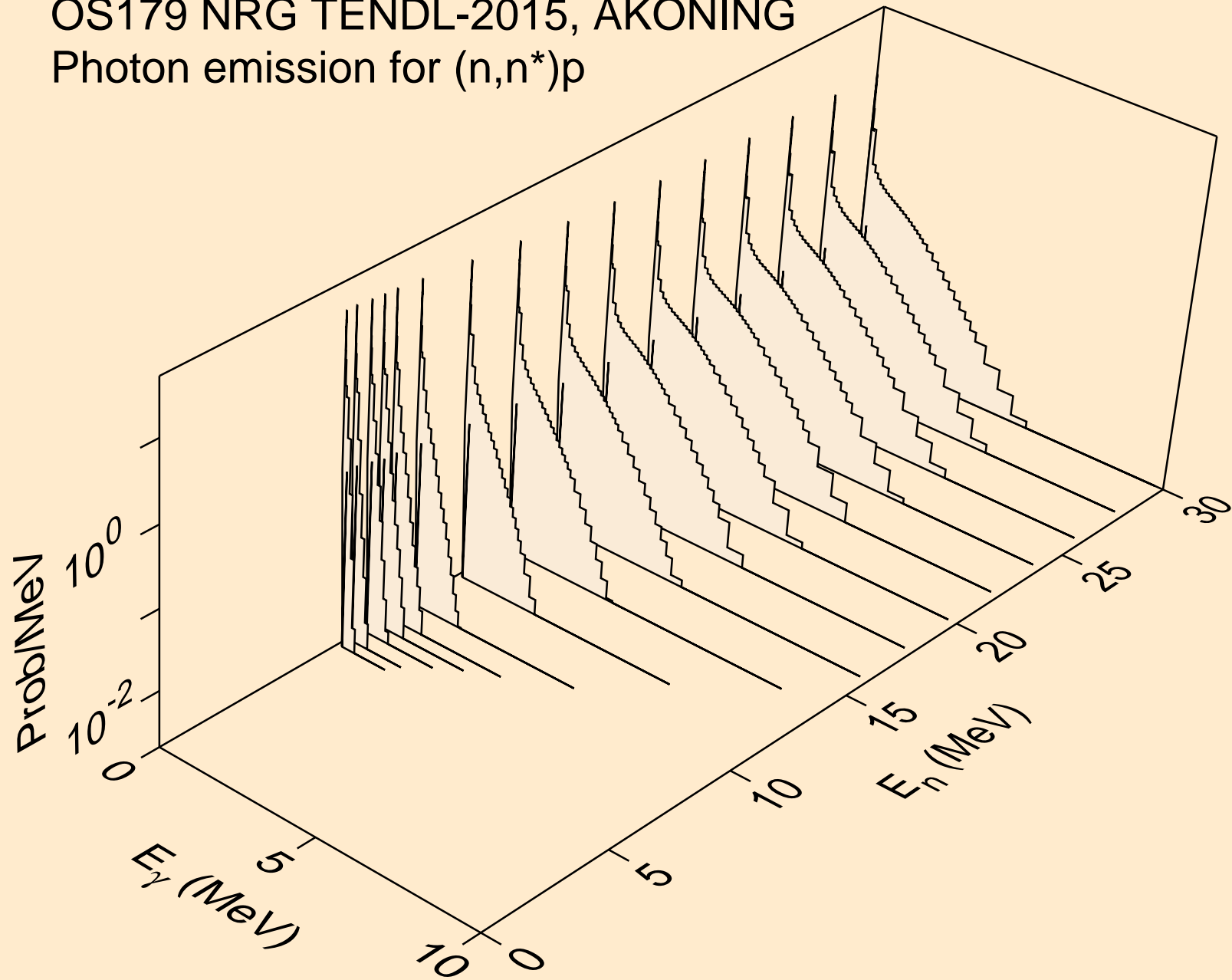


OS179 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

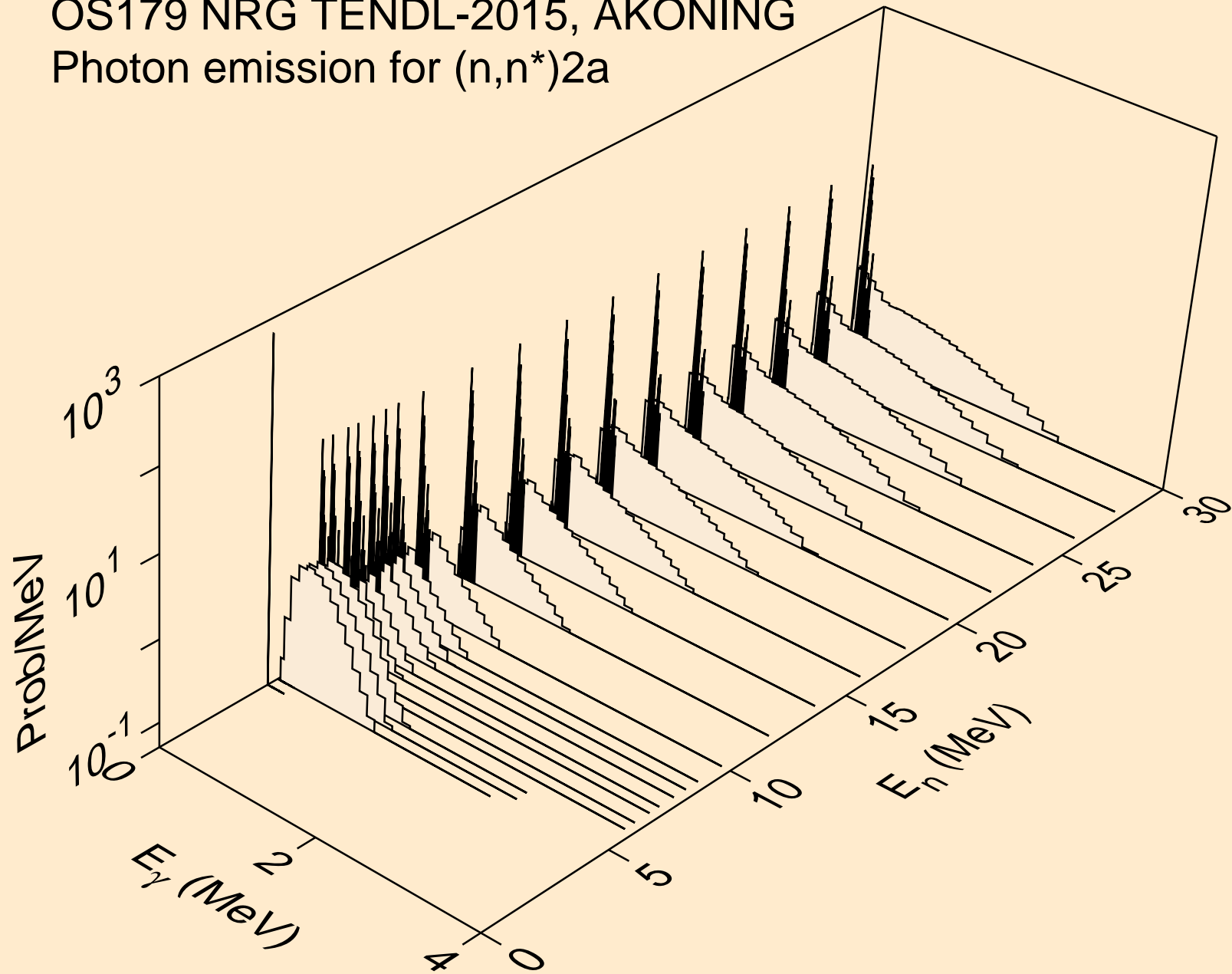




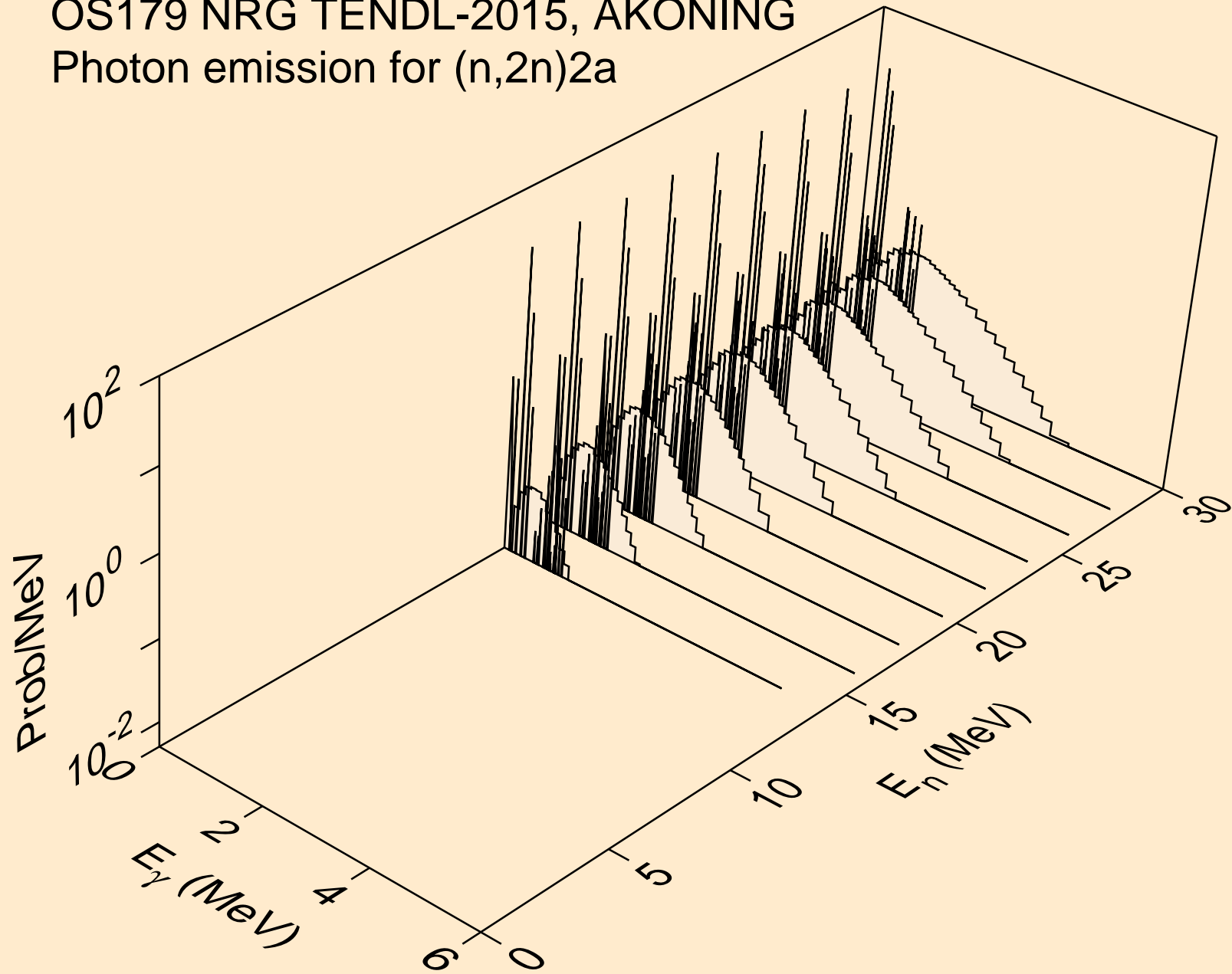
OS179 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



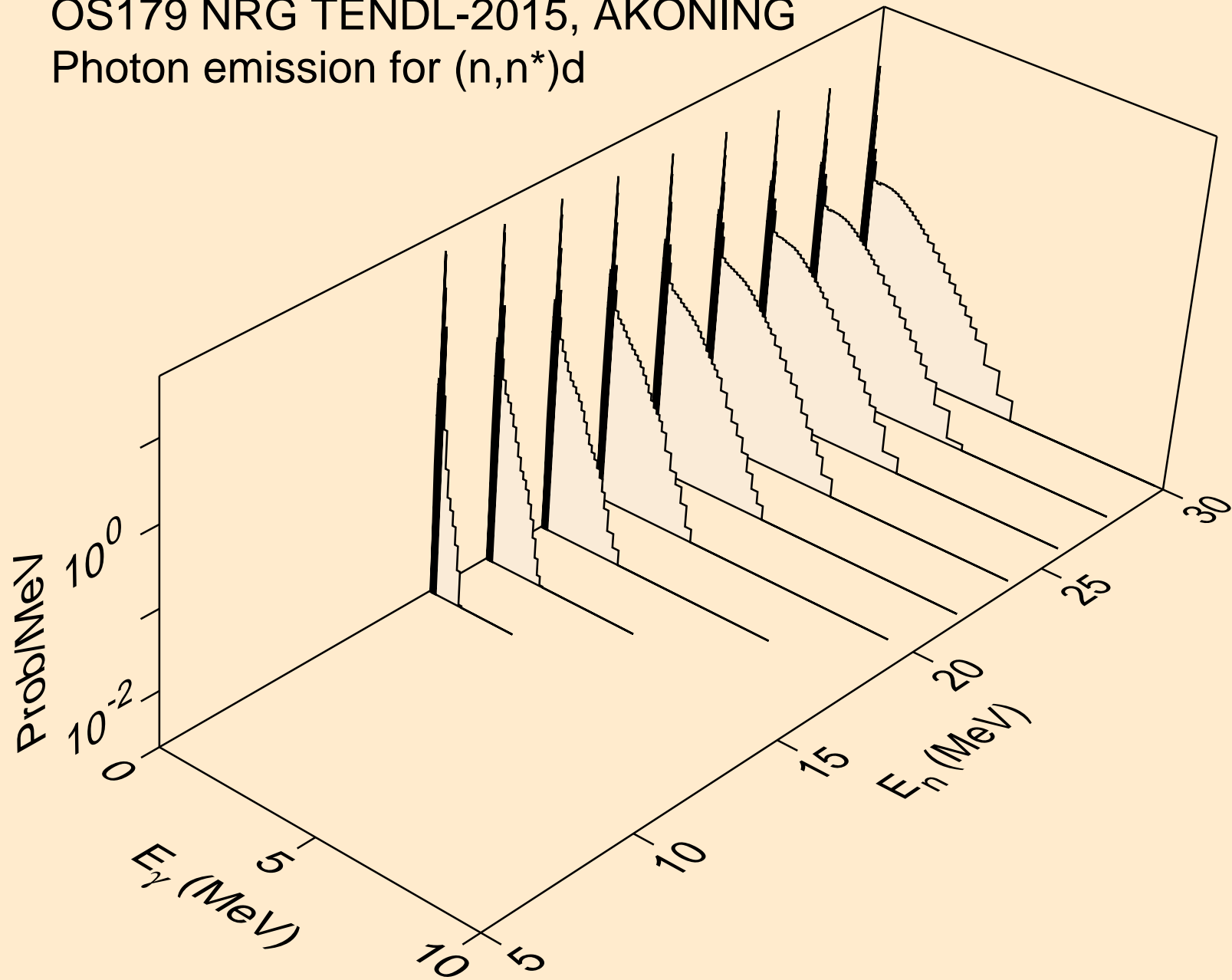
OS179 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



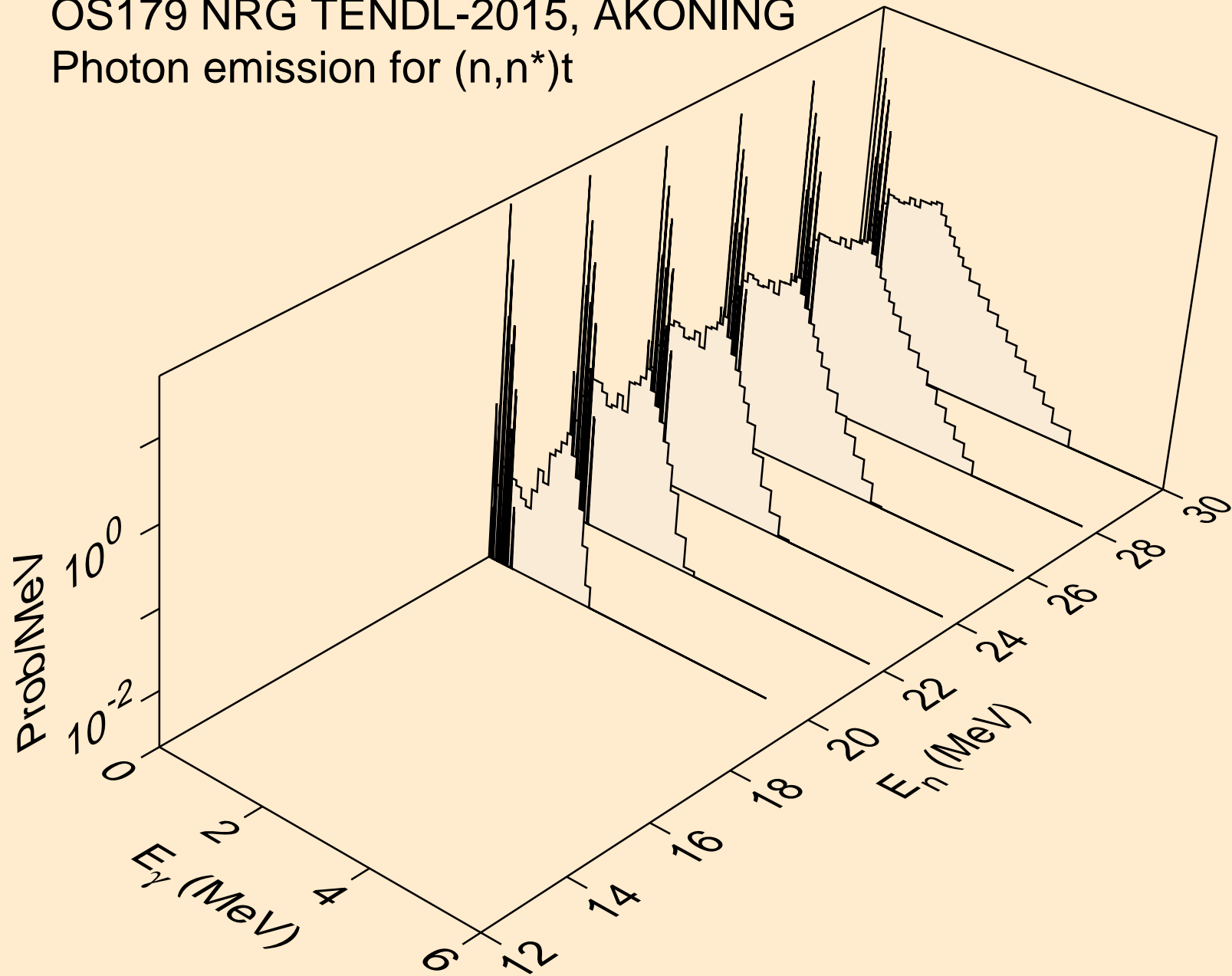
OS179 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



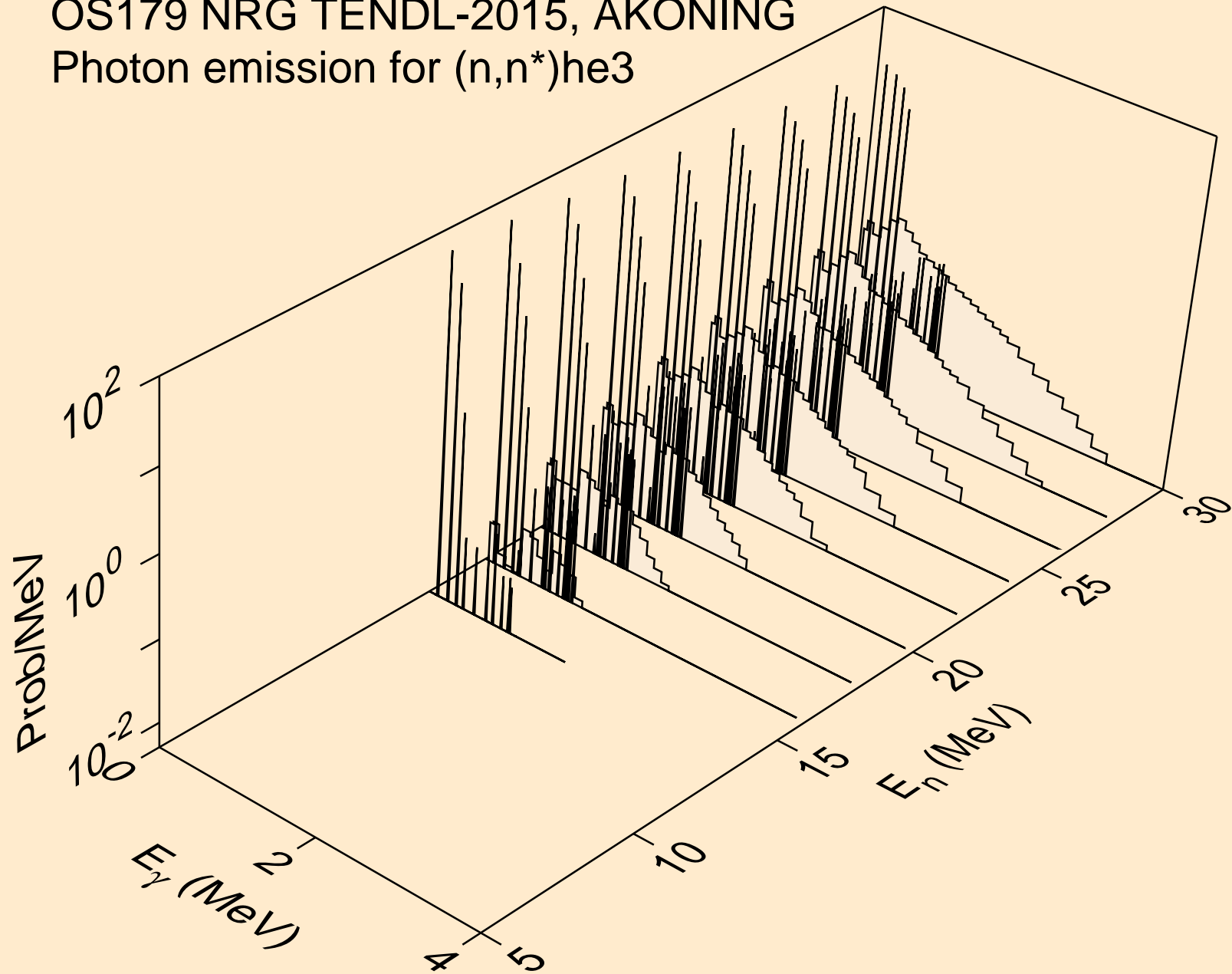
OS179 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



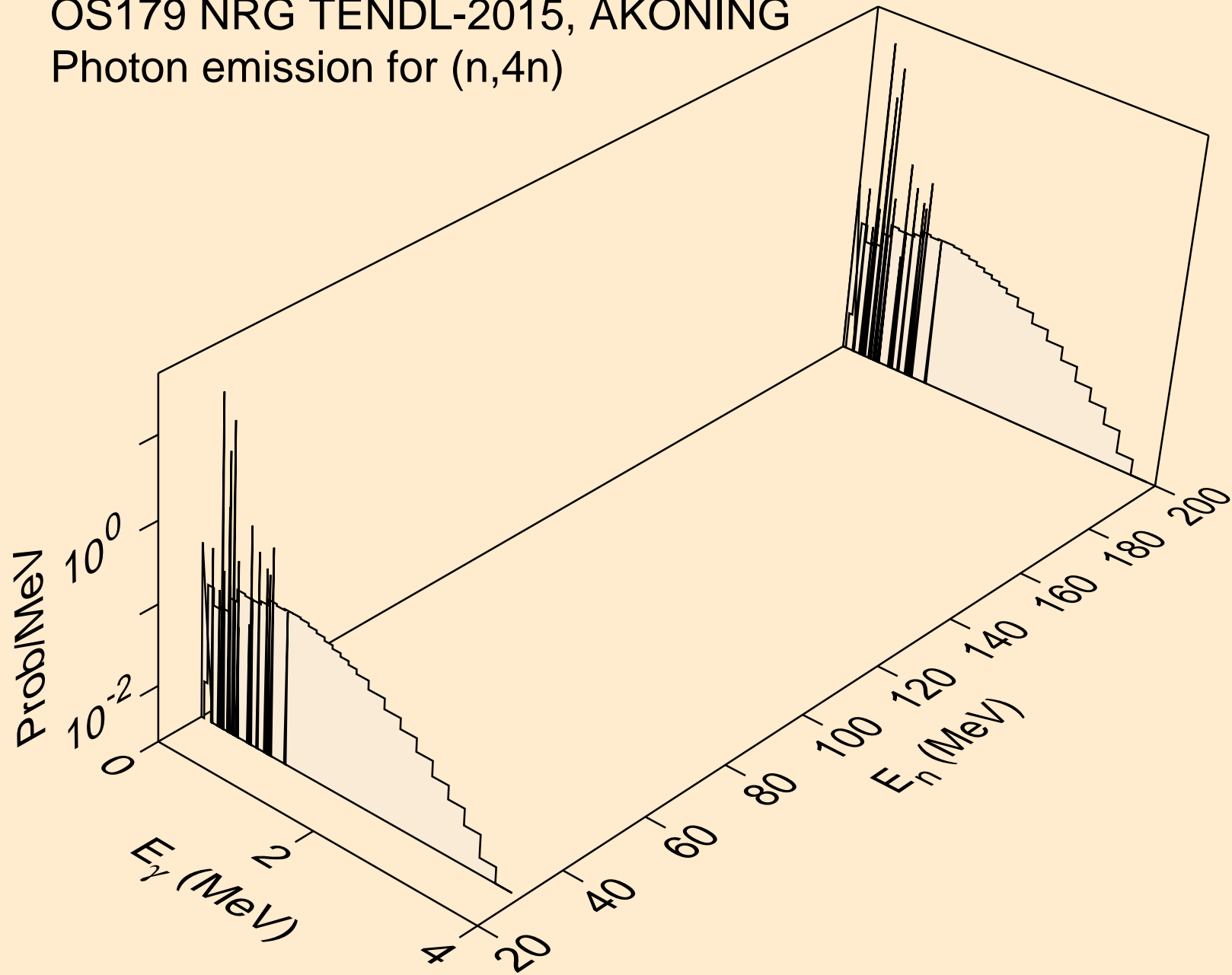
OS179 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



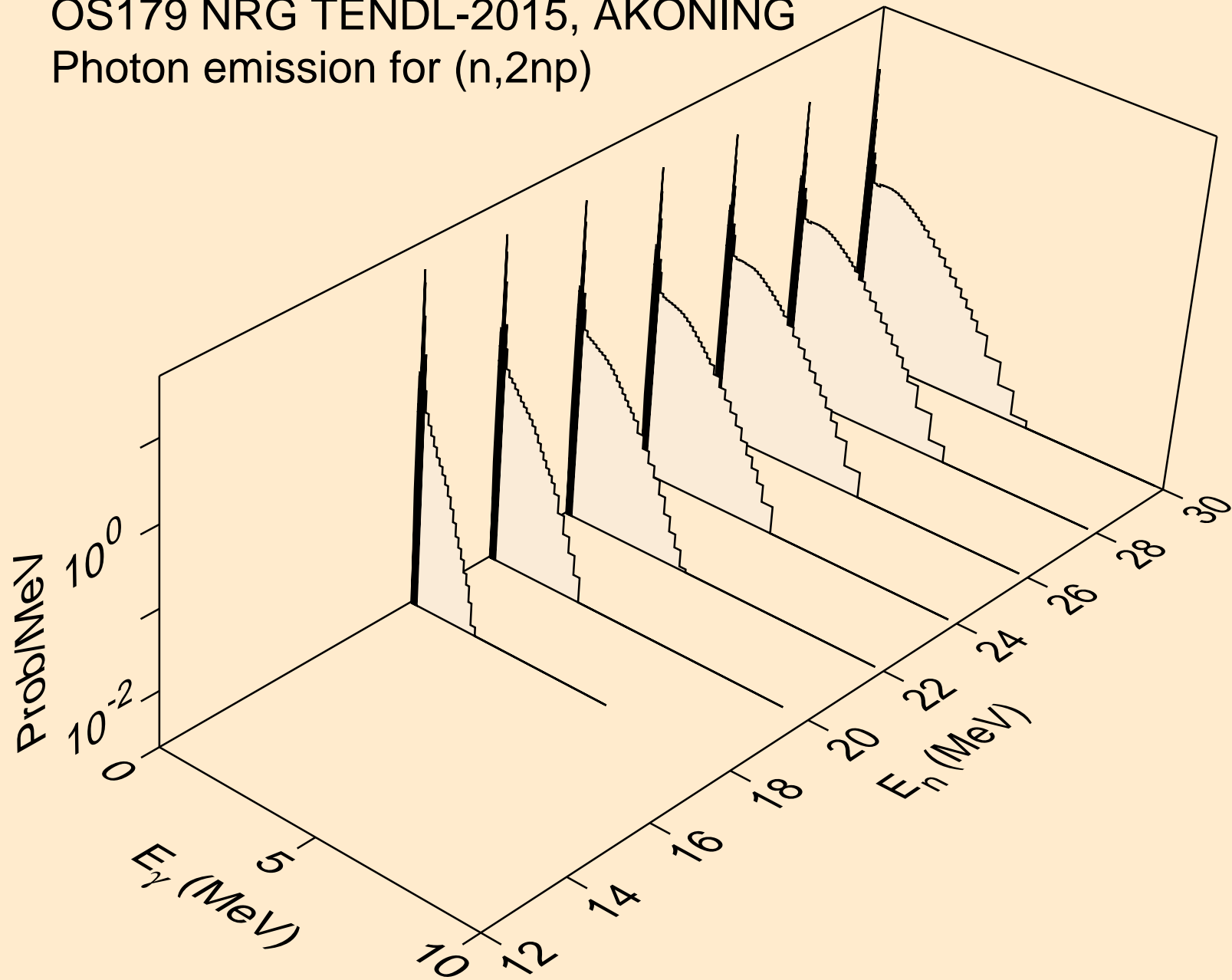
OS179 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



OS179 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)

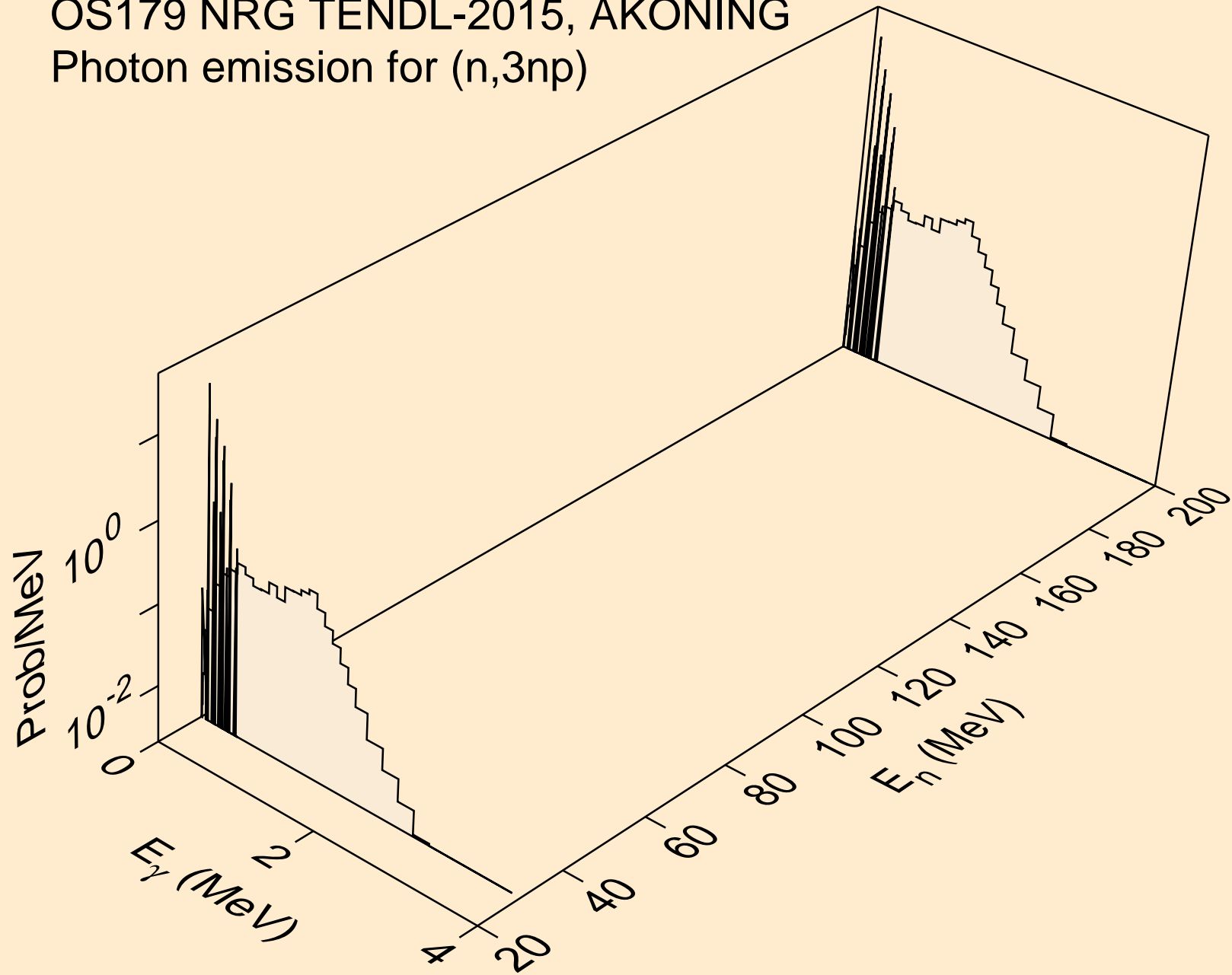


OS179 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

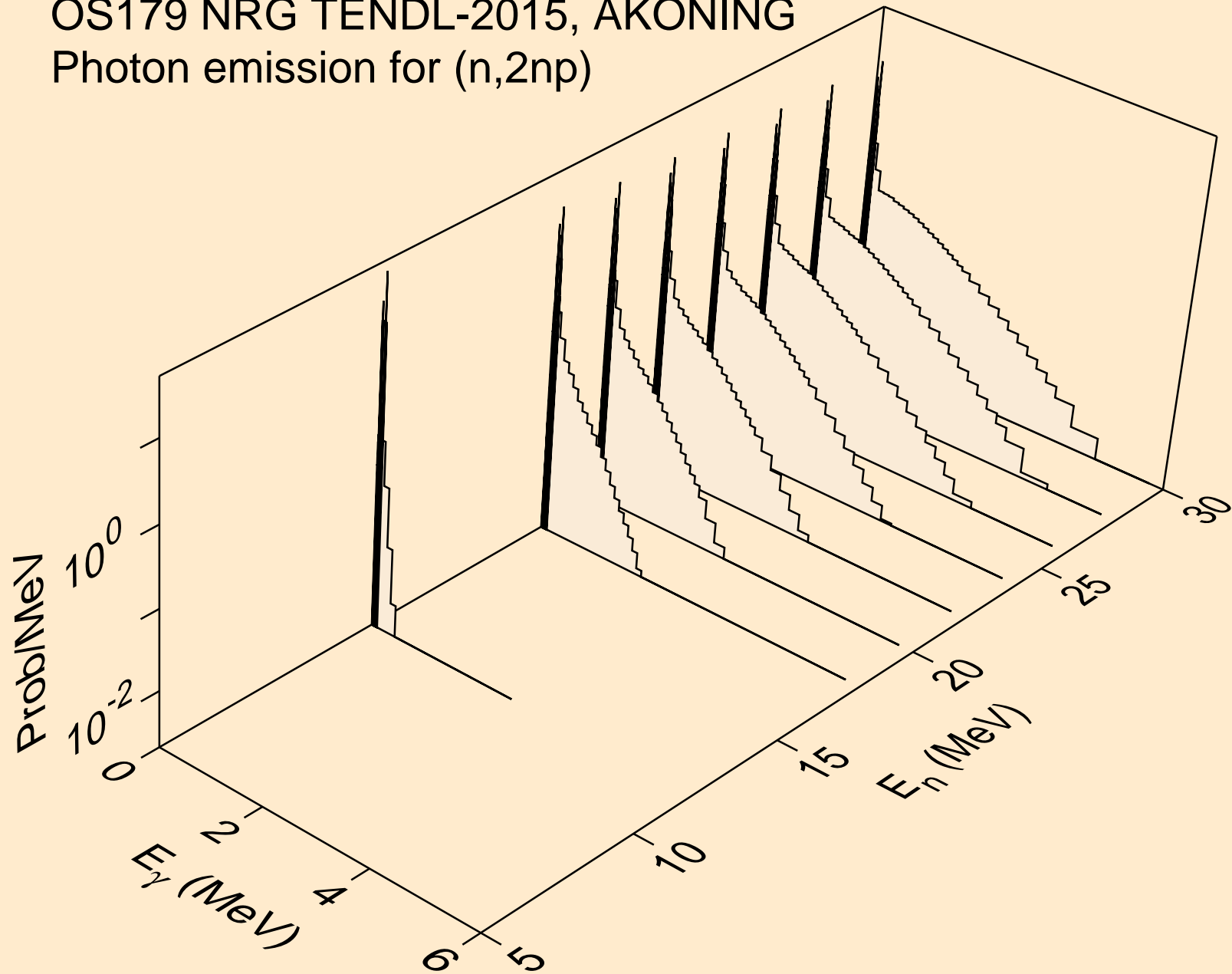




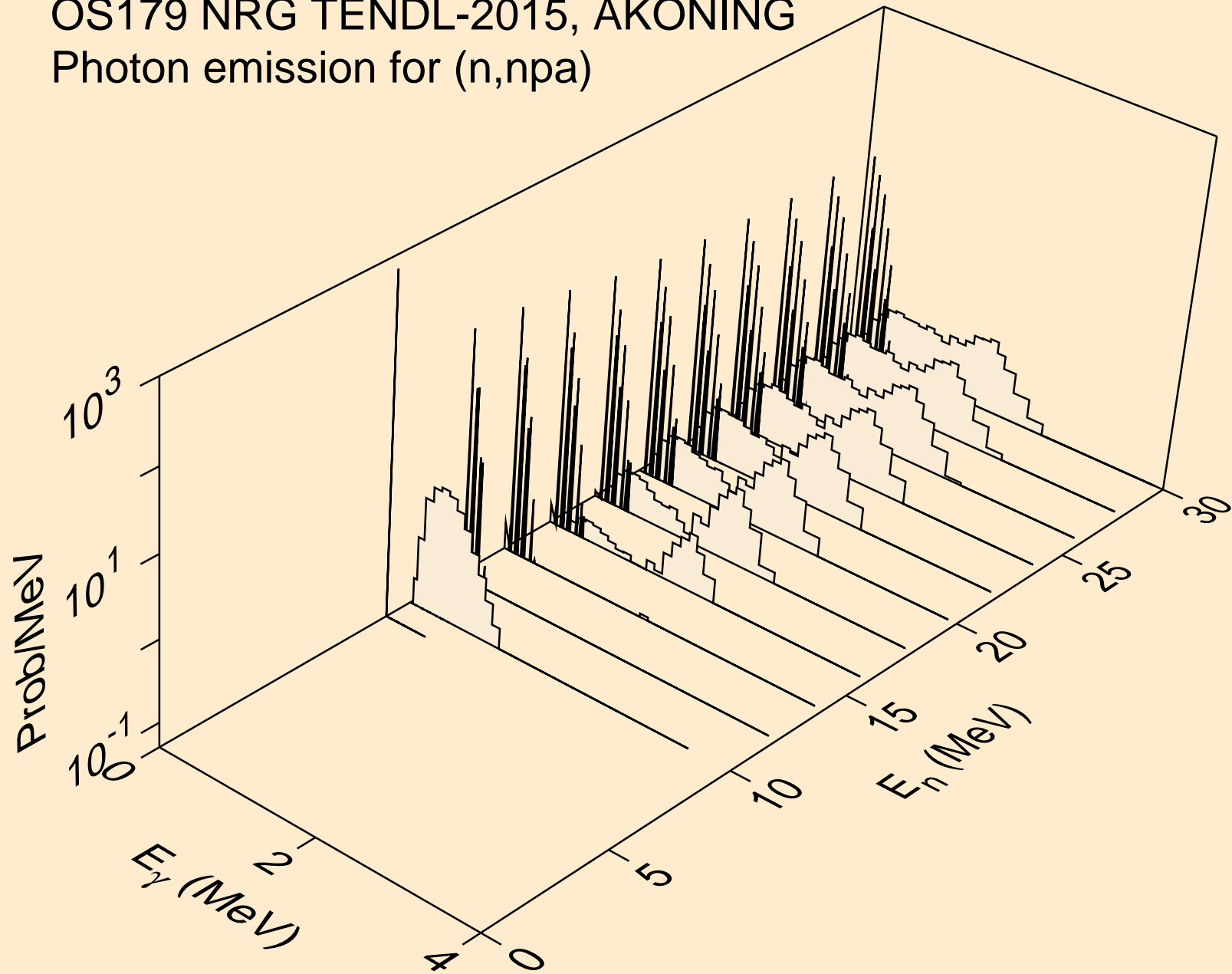
OS179 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



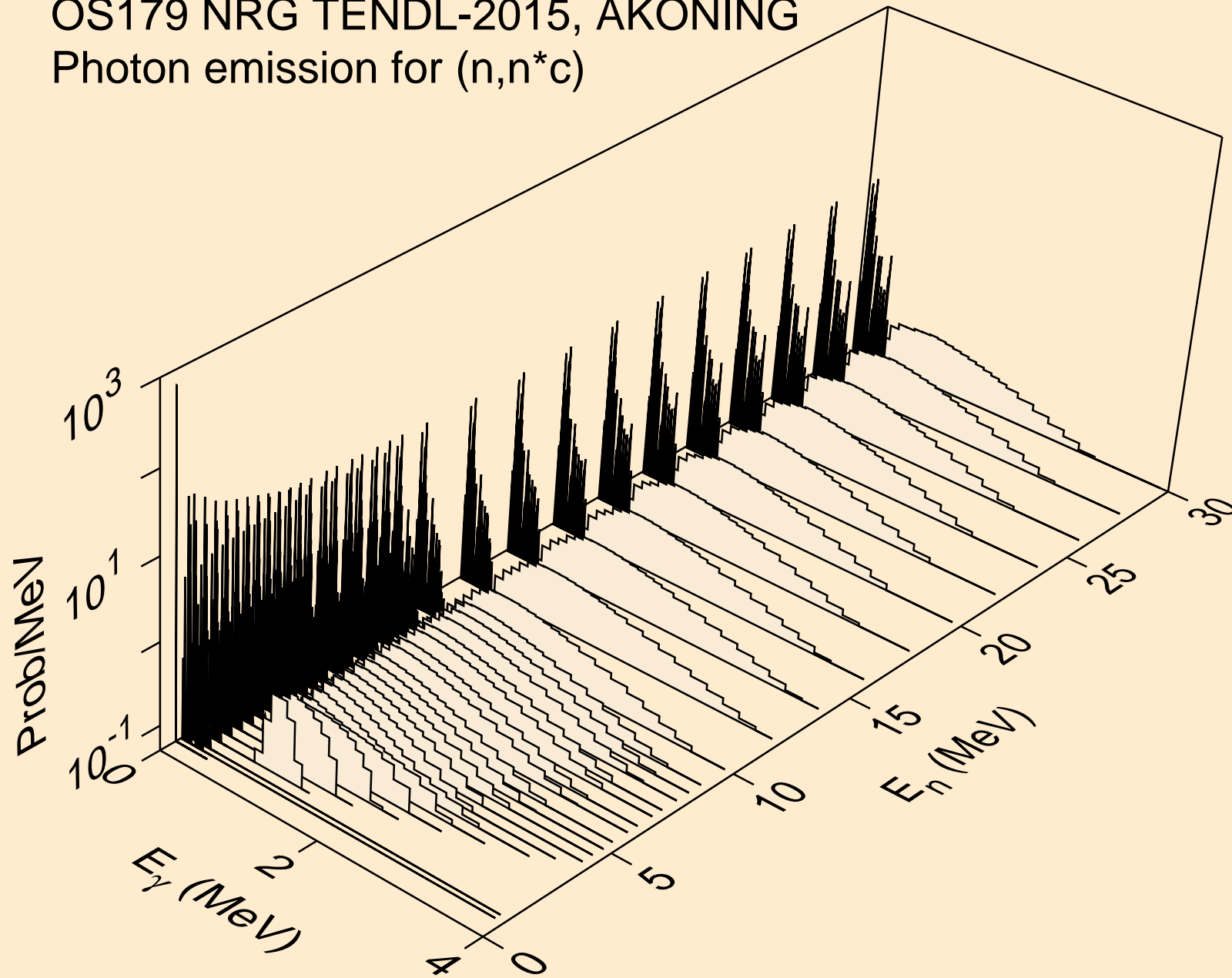
OS179 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



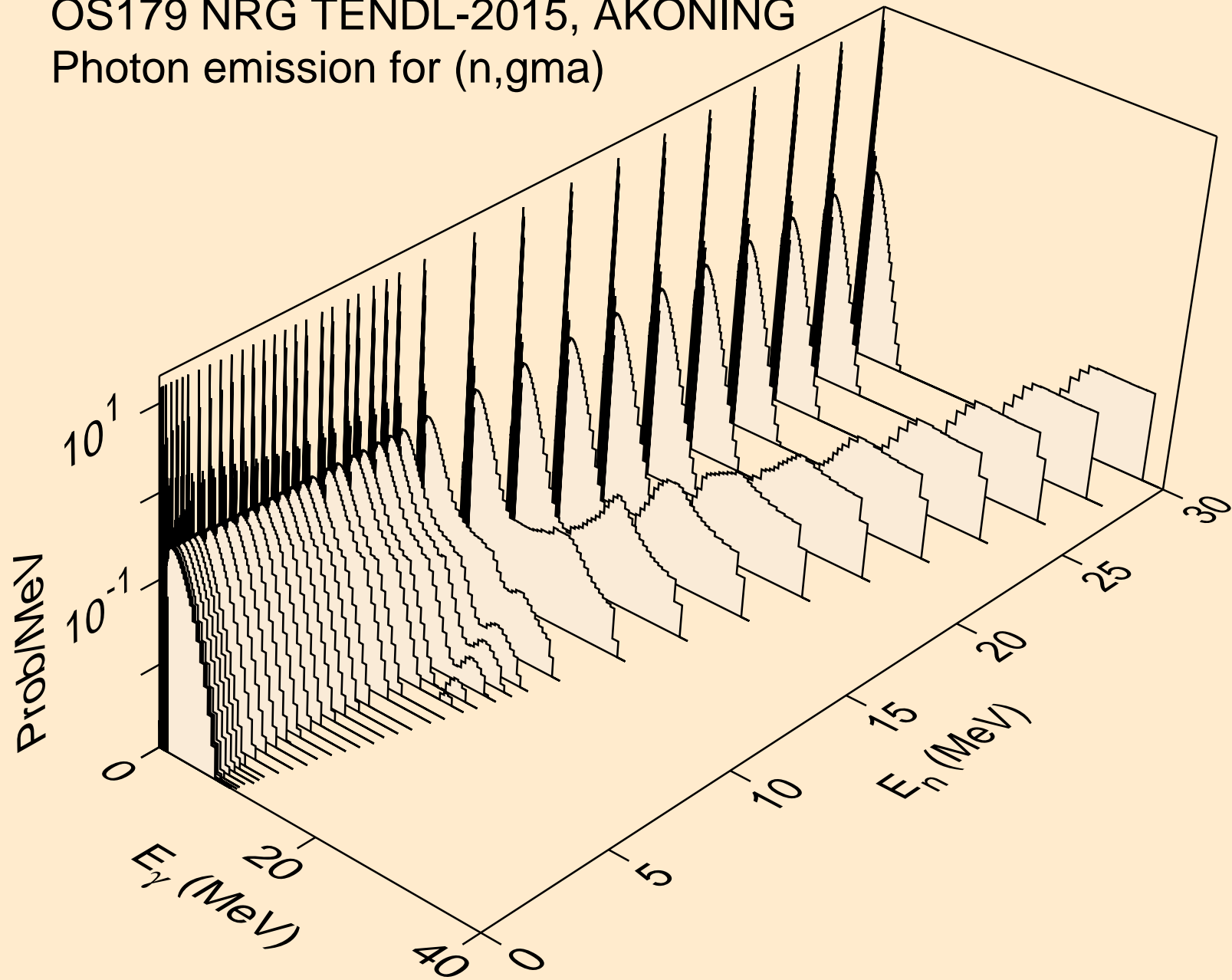
OS179 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



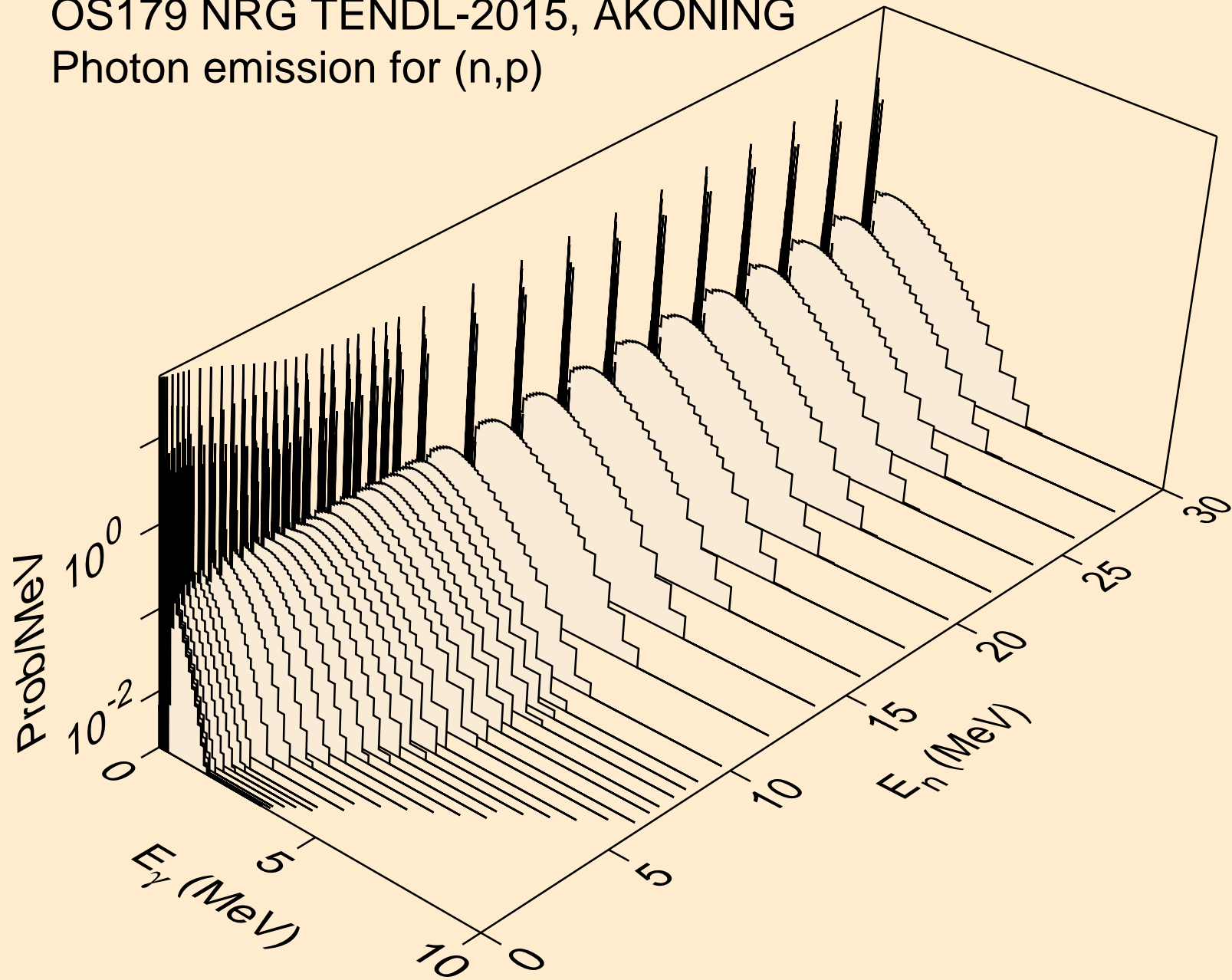
OS179 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



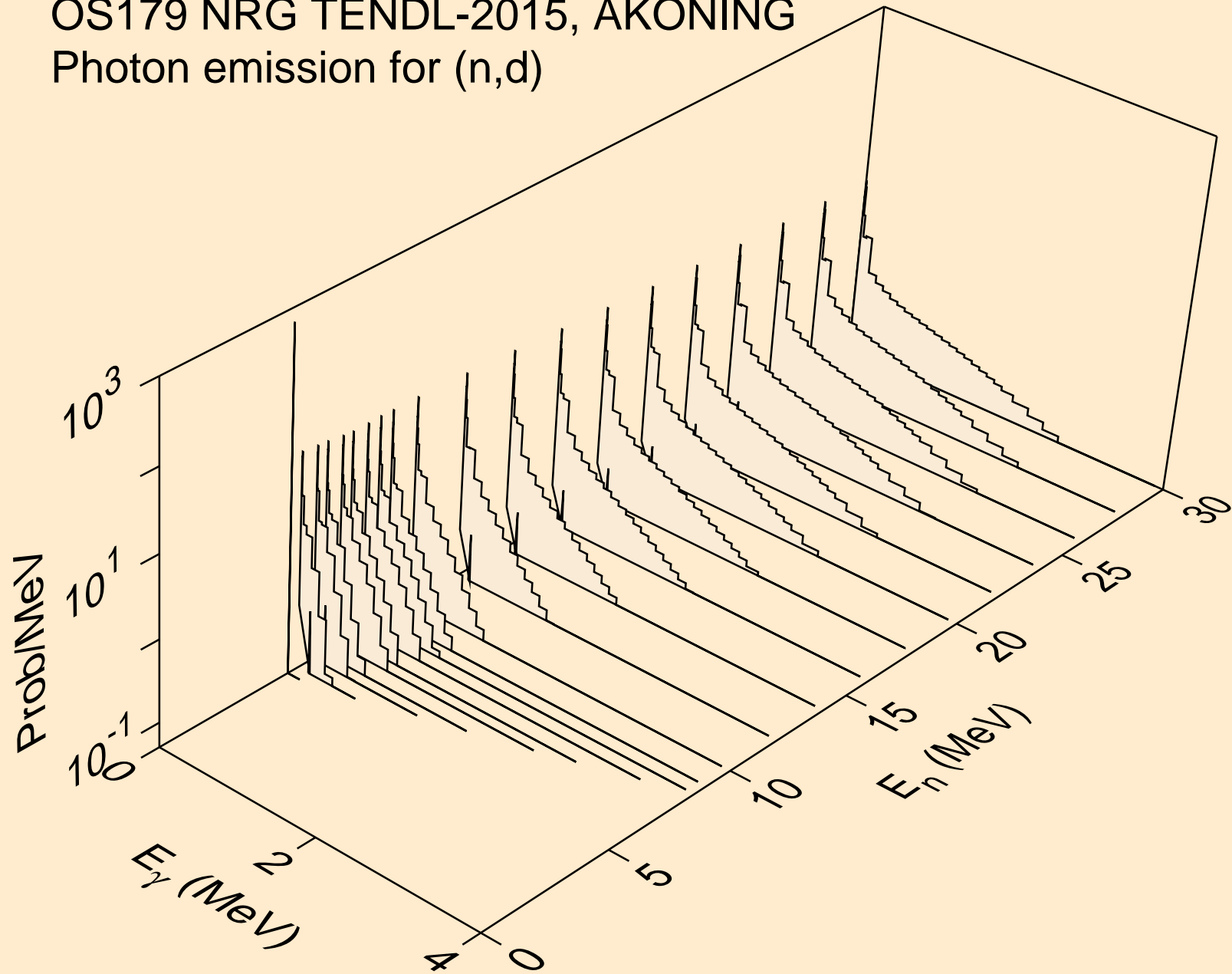
OS179 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



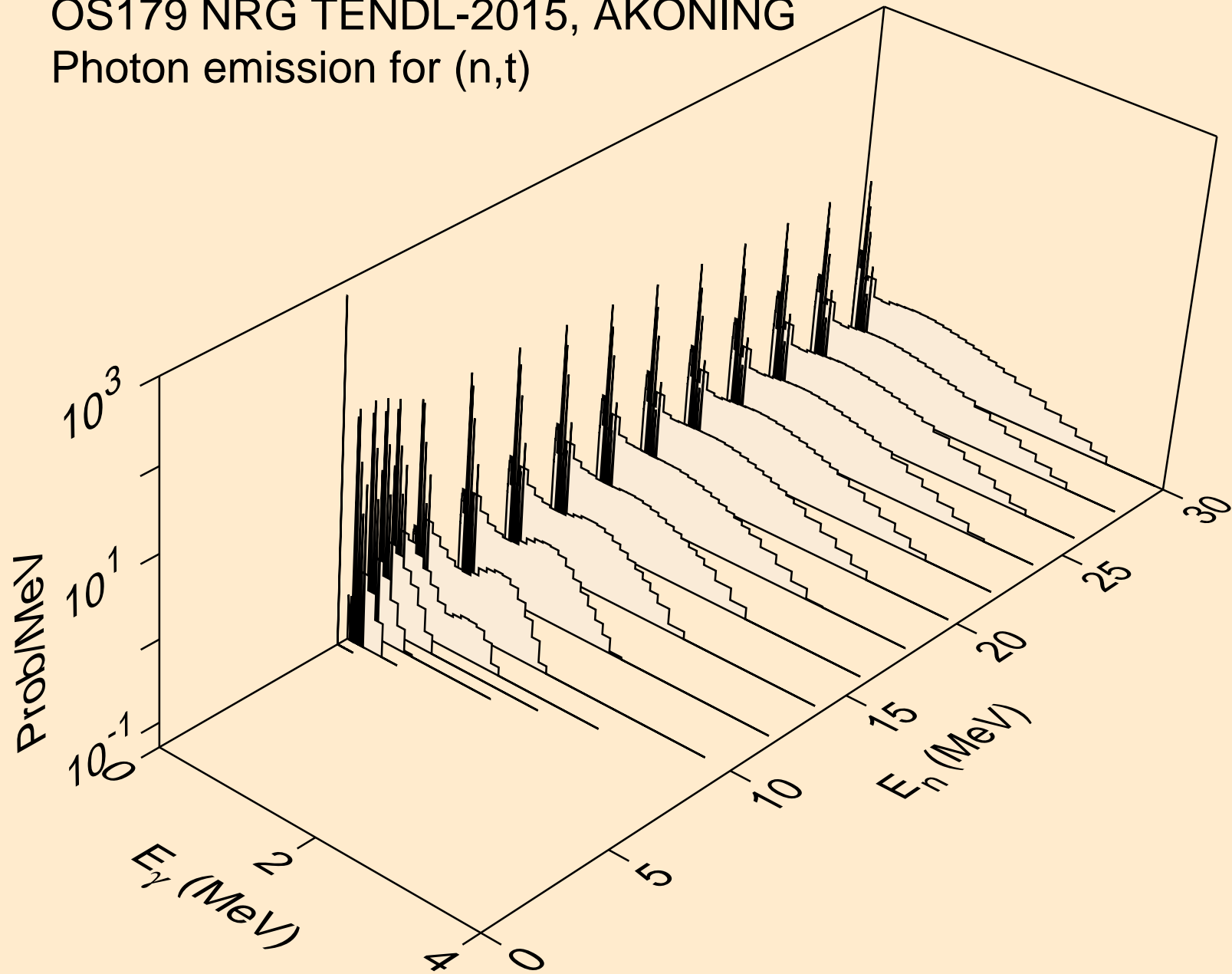
OS179 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



OS179 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

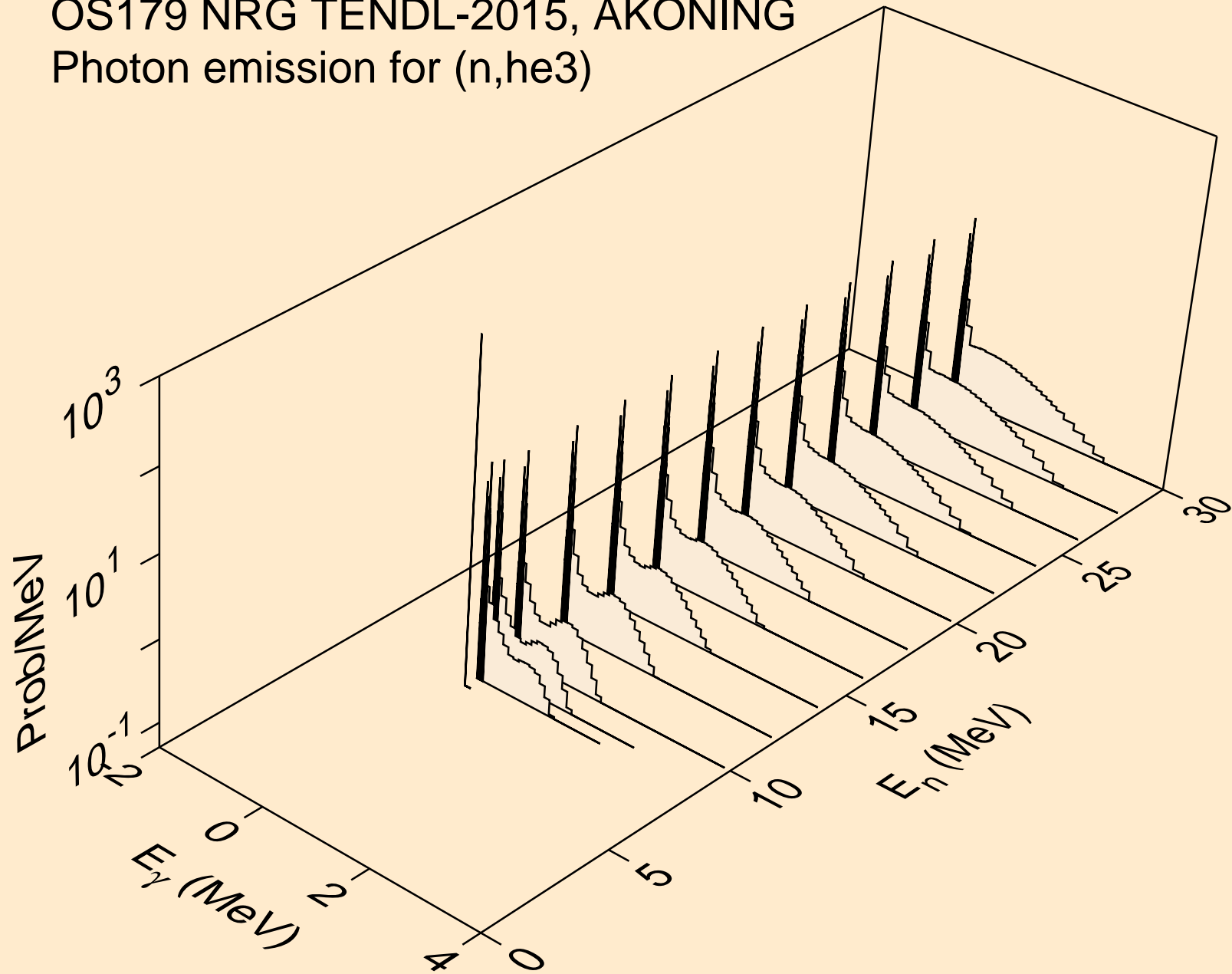


OS179 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

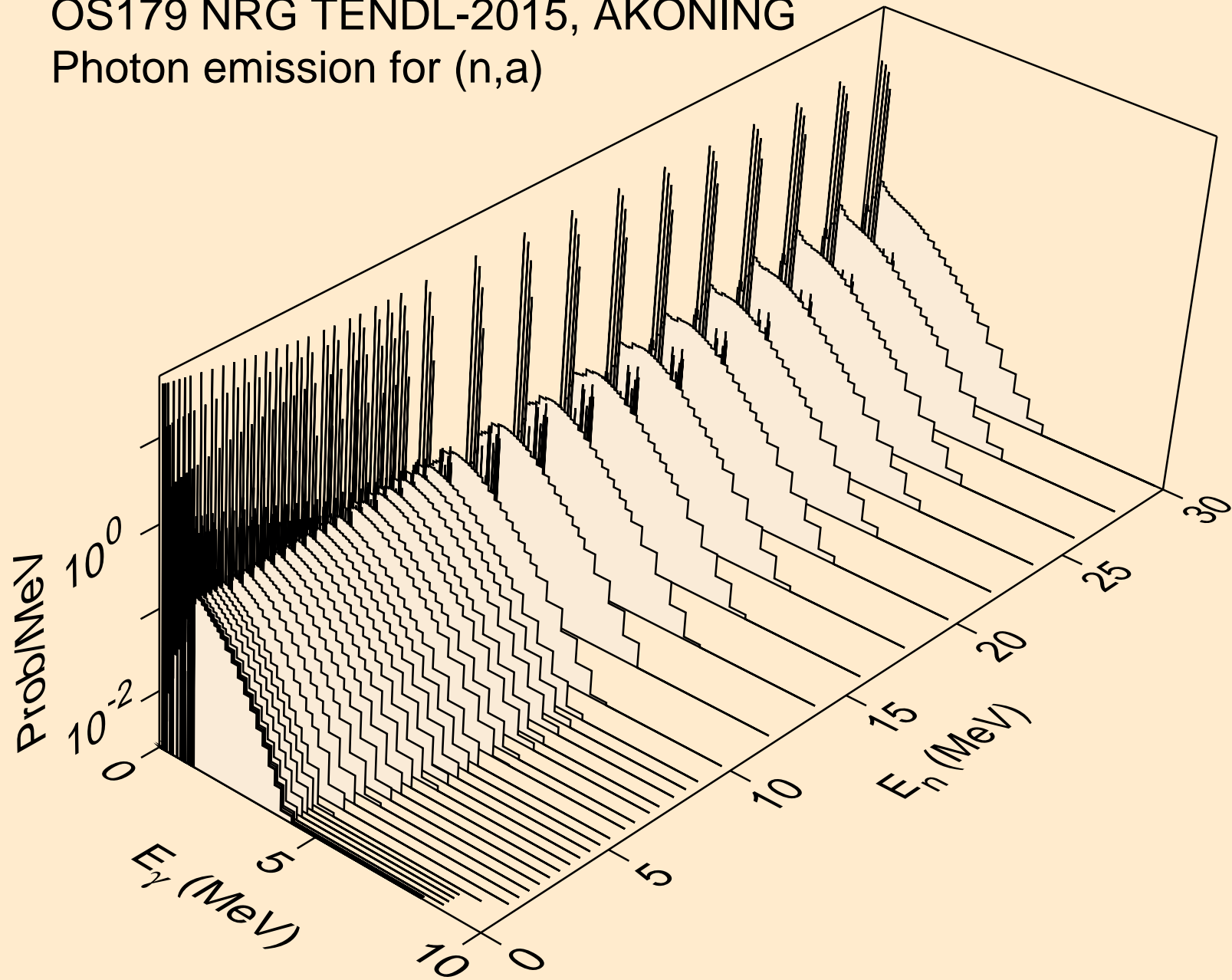




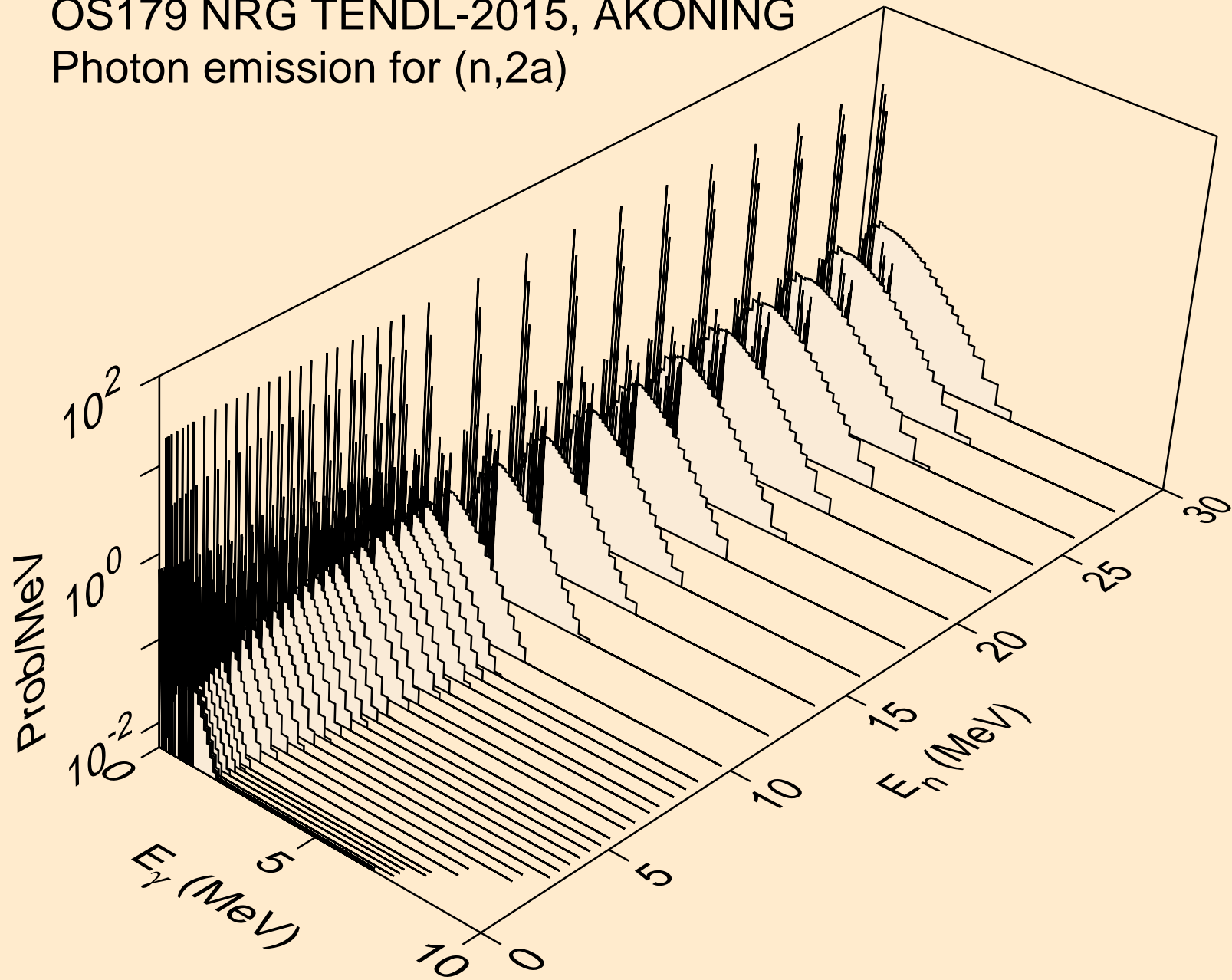
OS179 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



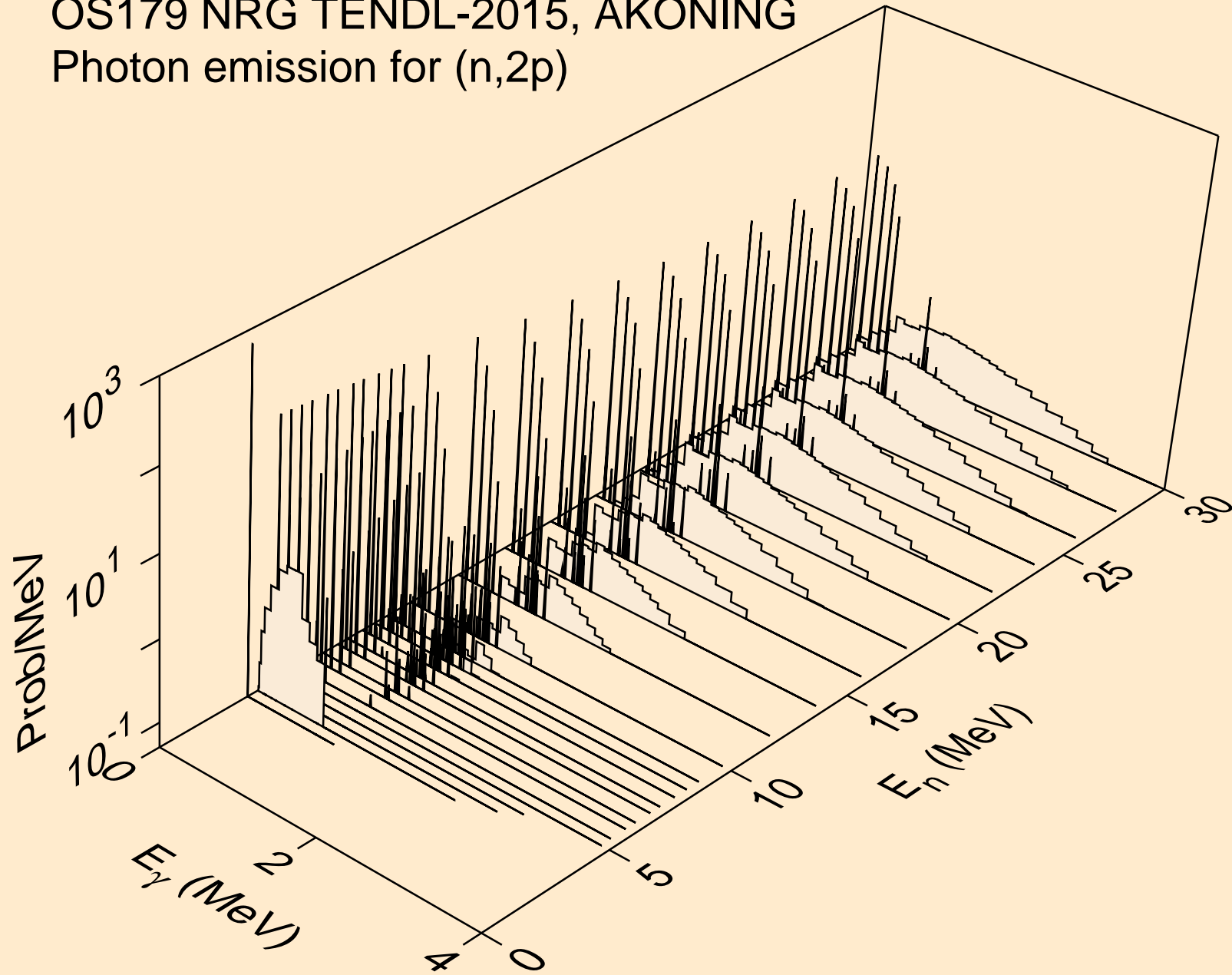
OS179 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



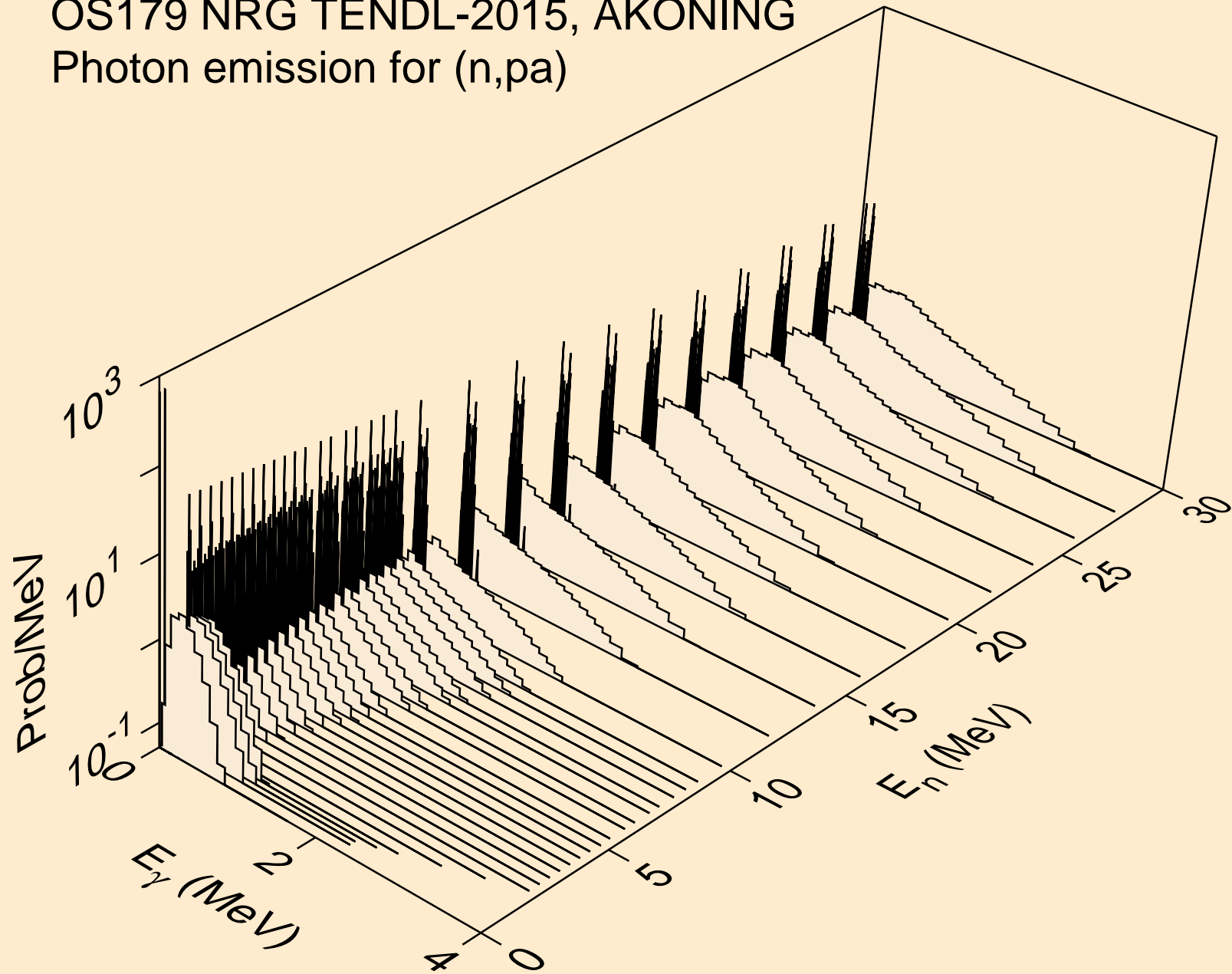
OS179 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



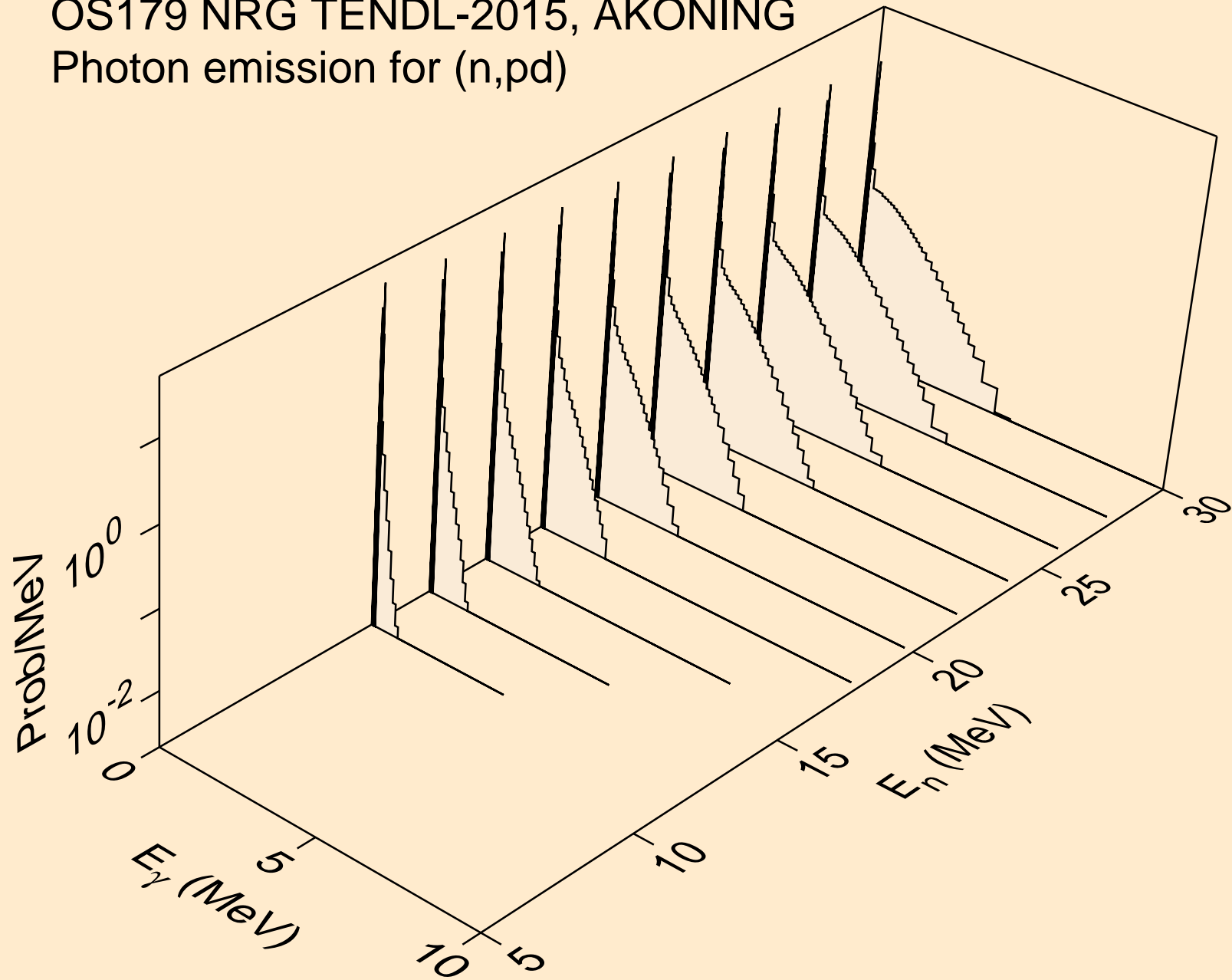
OS179 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



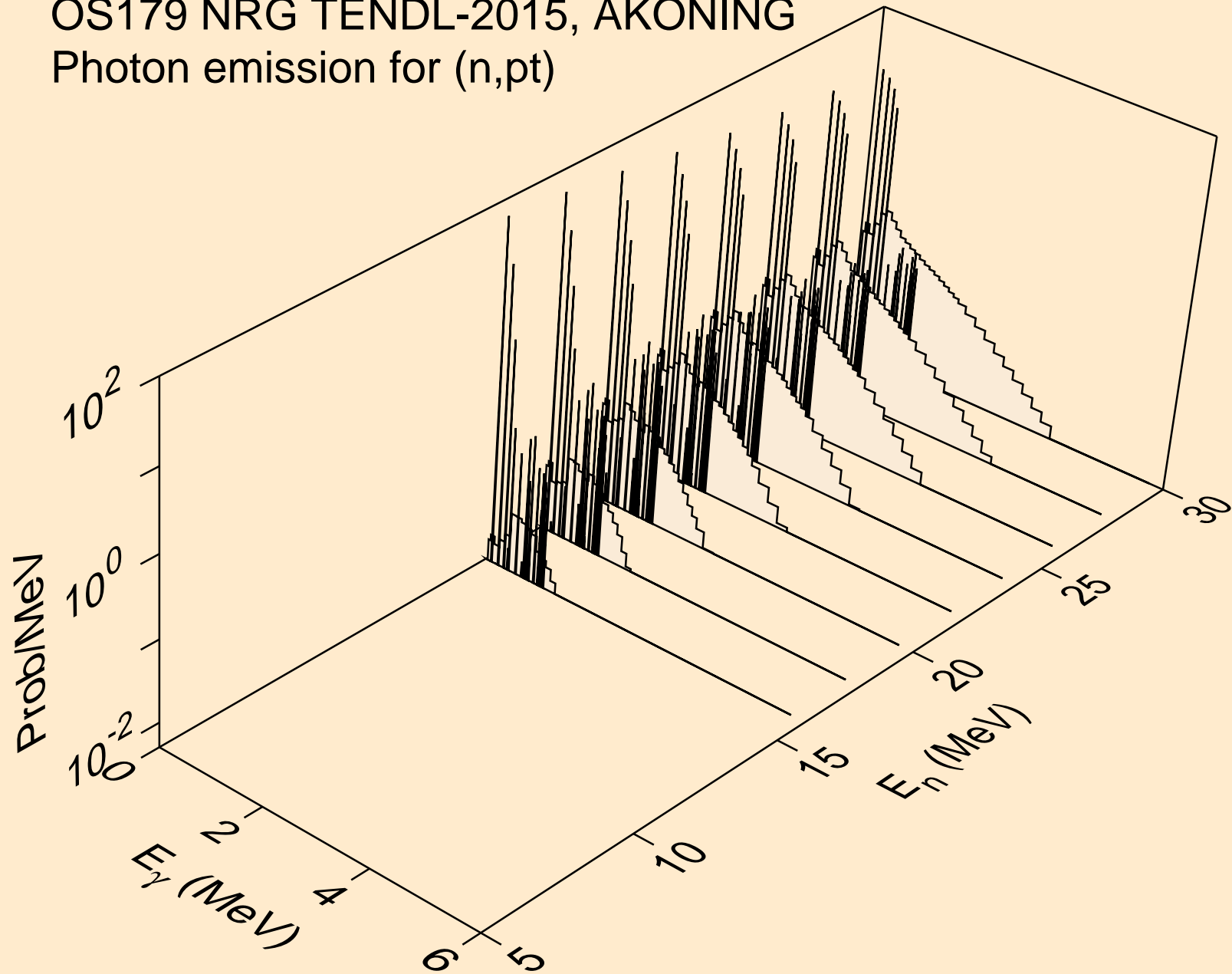
OS179 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



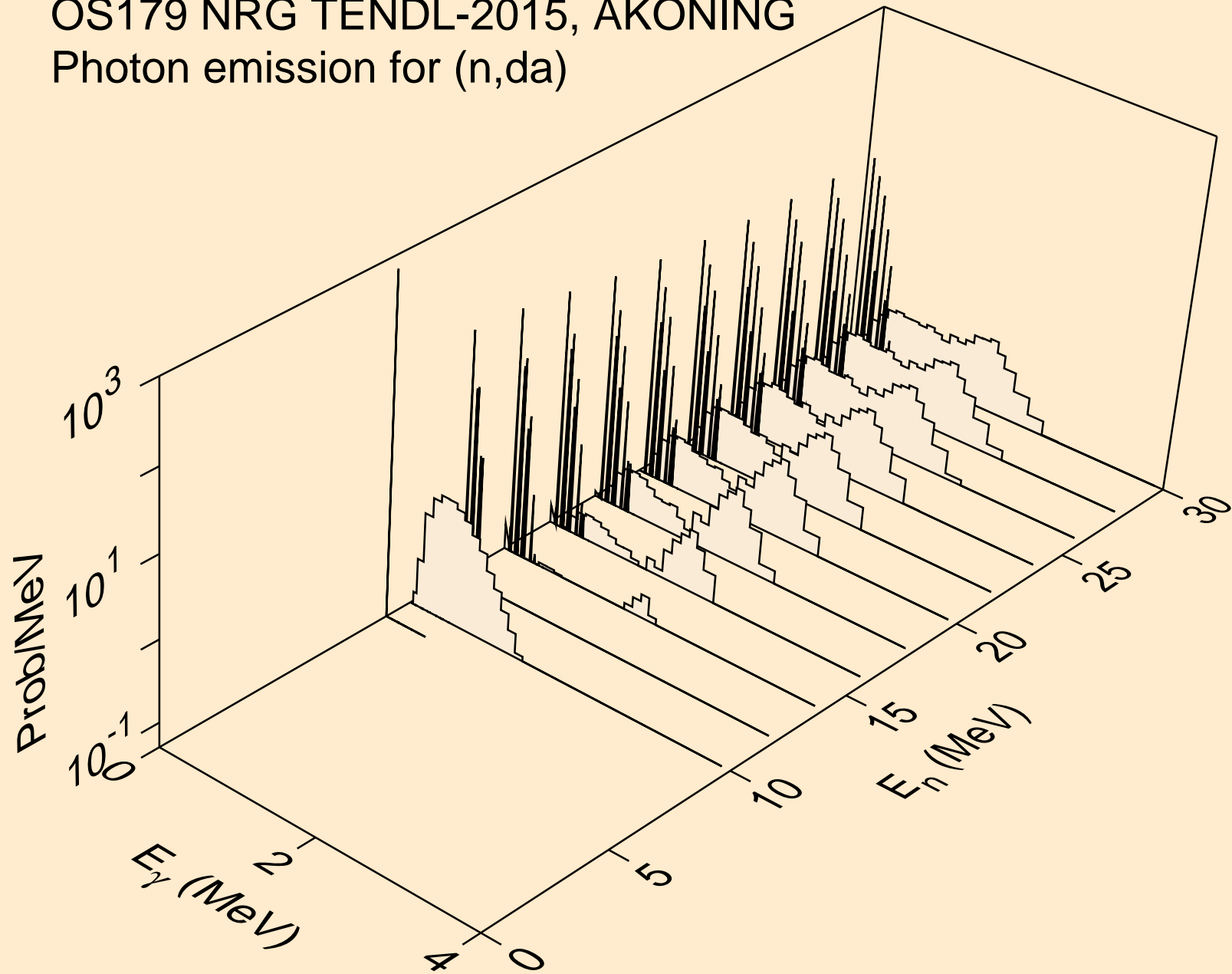
OS179 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



OS179 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)

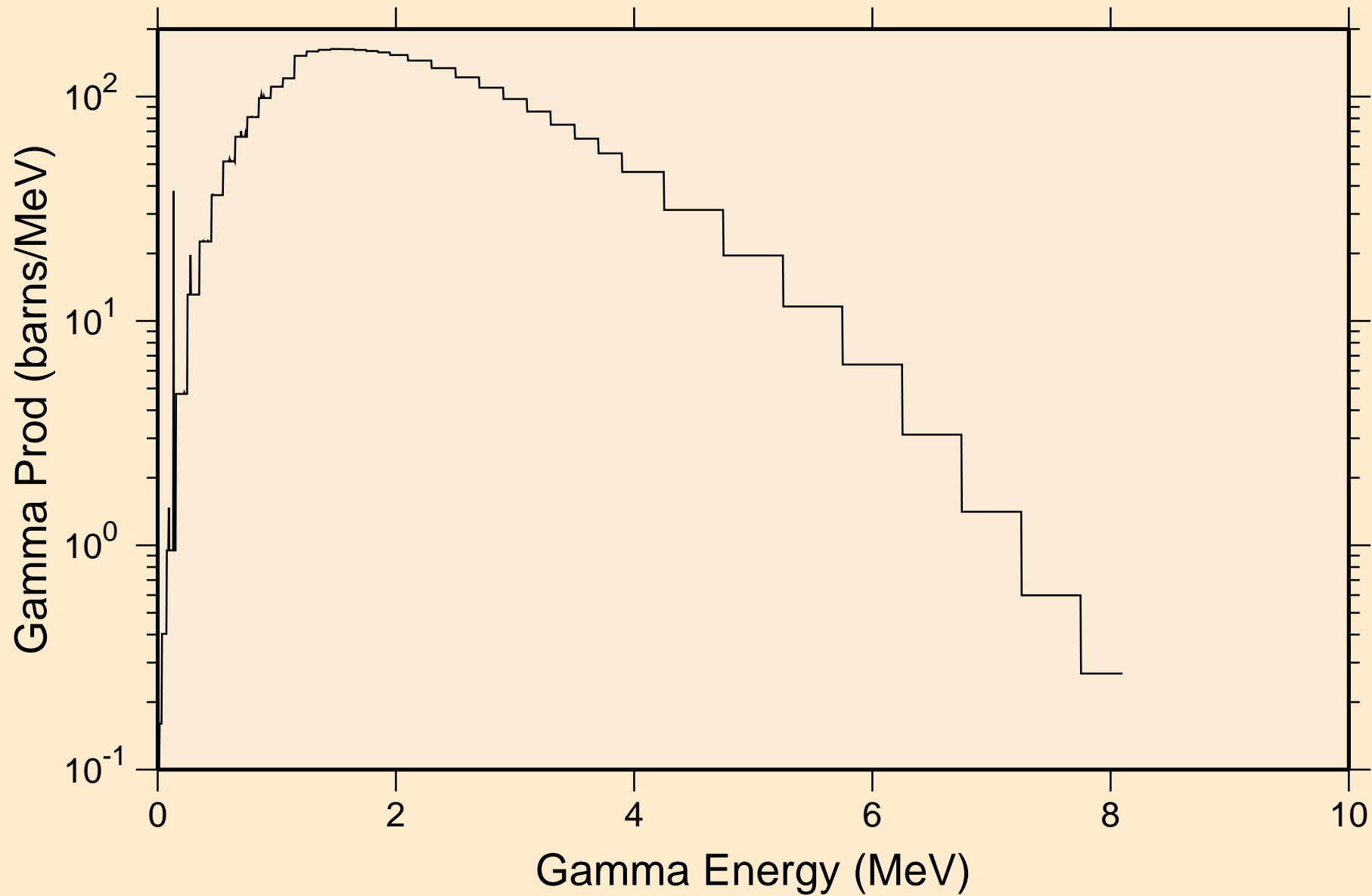


OS179 NRG TENDL-2015, AKONING  
Photon emission for (n,da)

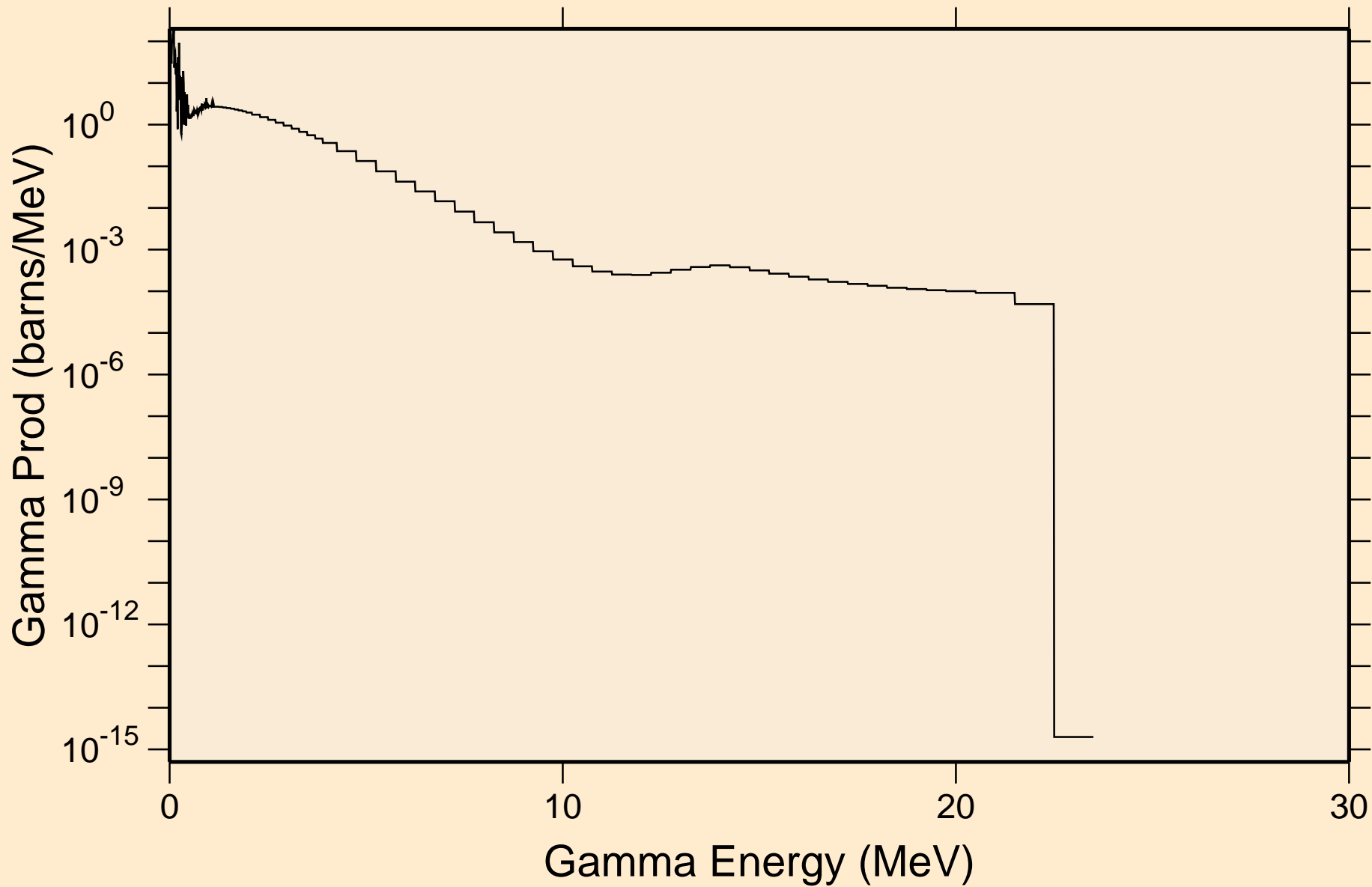




OS179 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

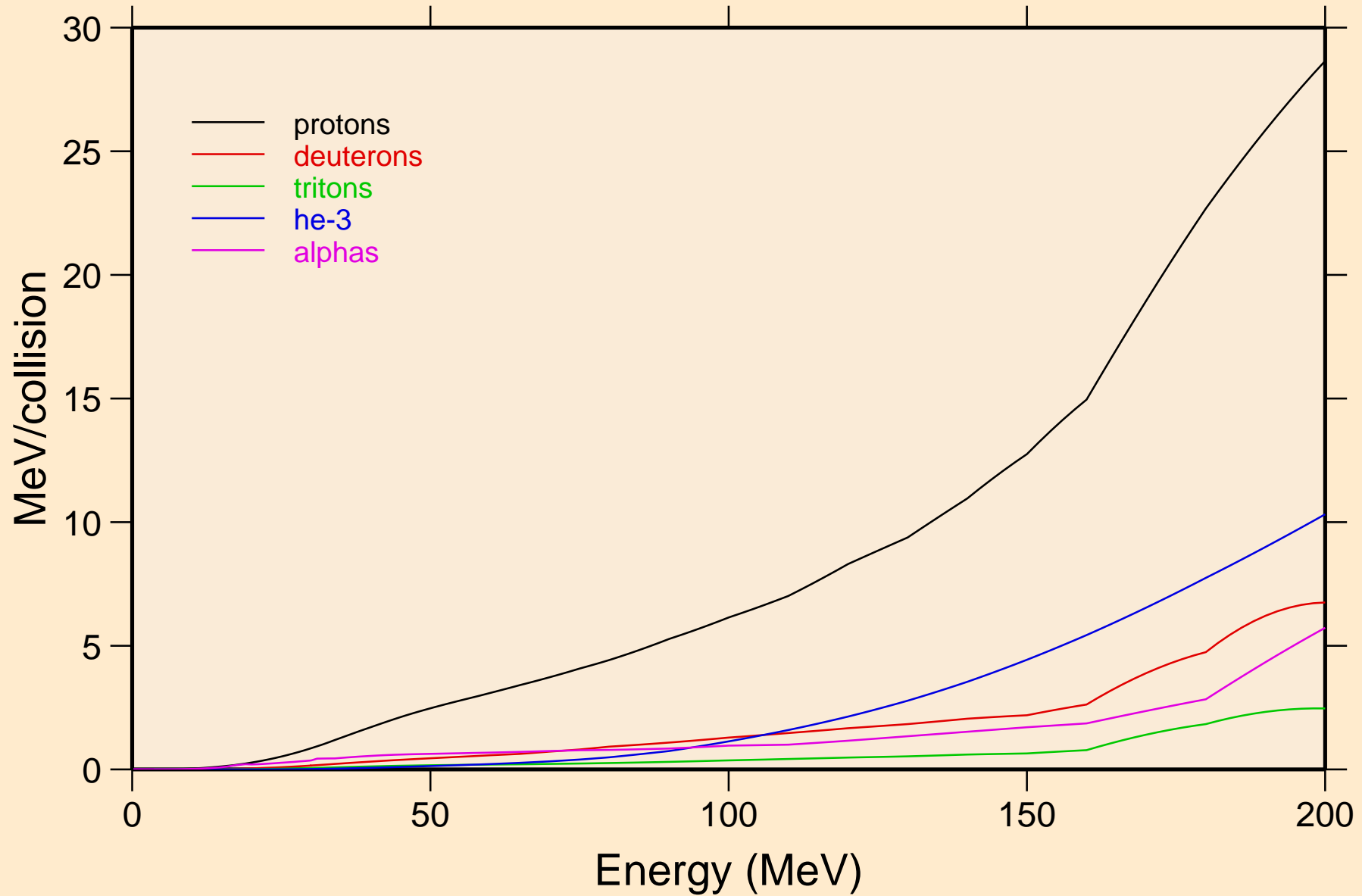


OS179 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



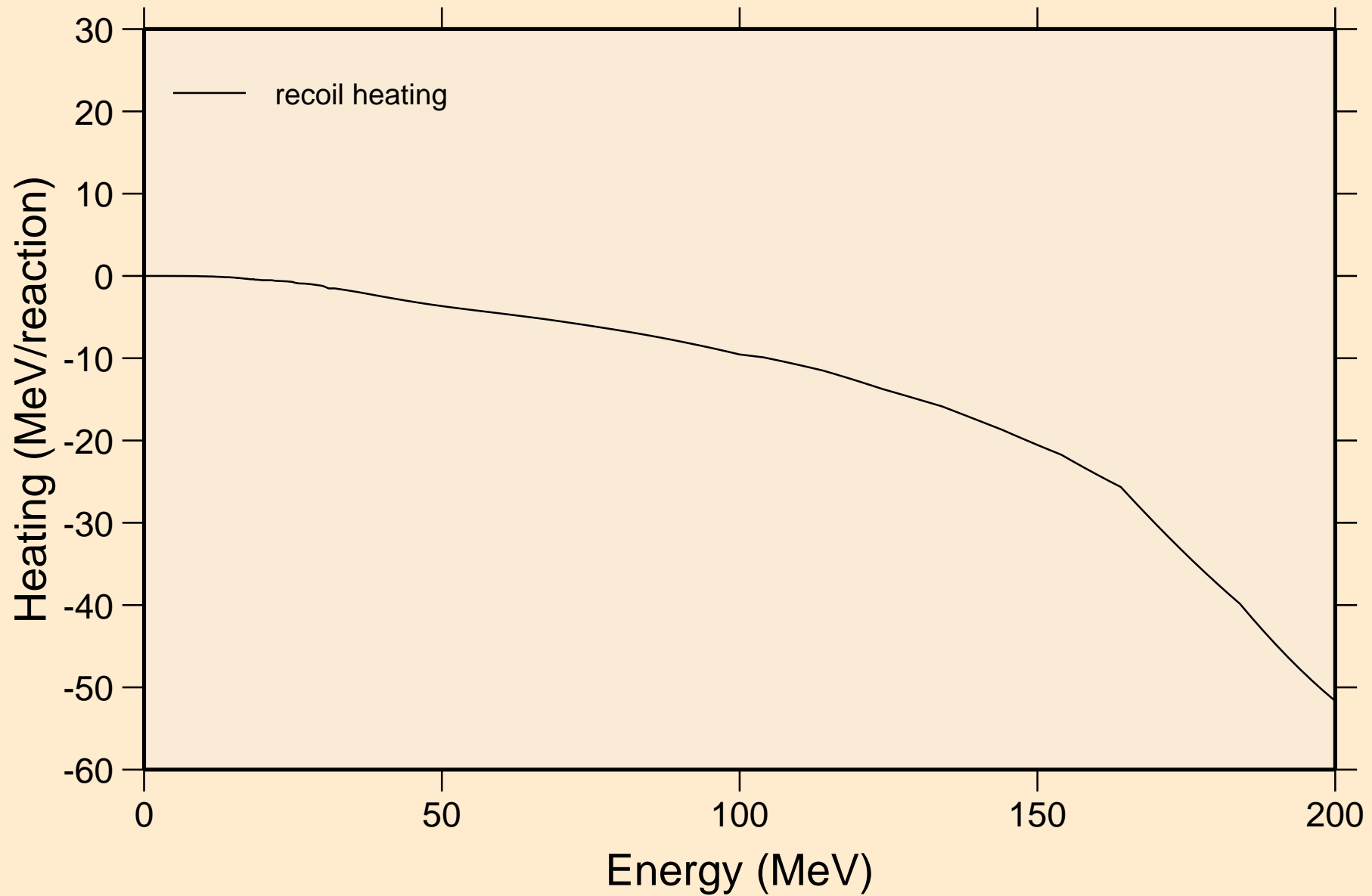
# OS179 NRG TENDL-2015, AKONING

## Particle heating contributions



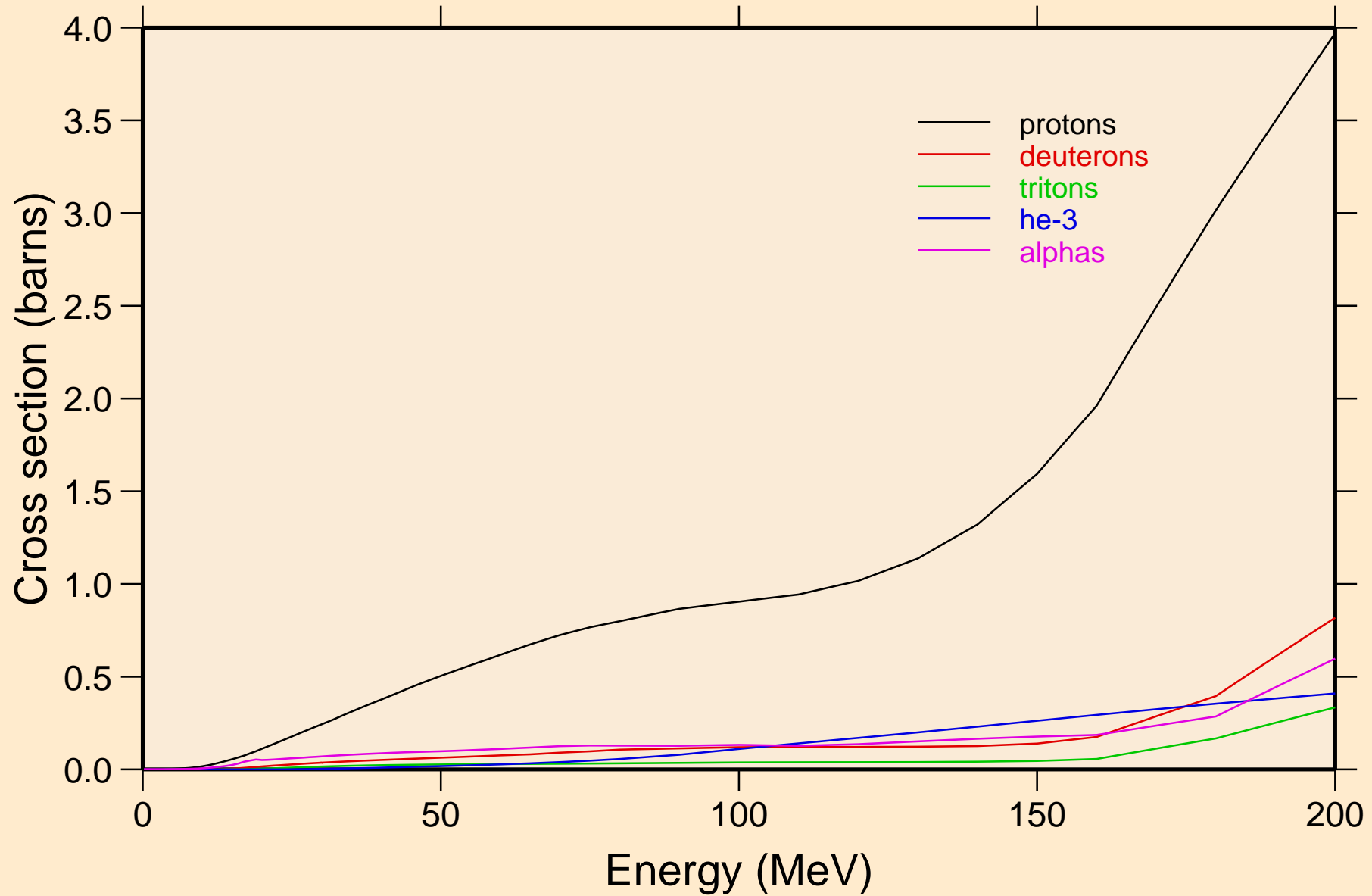
# OS179 NRG TENDL-2015, AKONING

## Recoil Heating

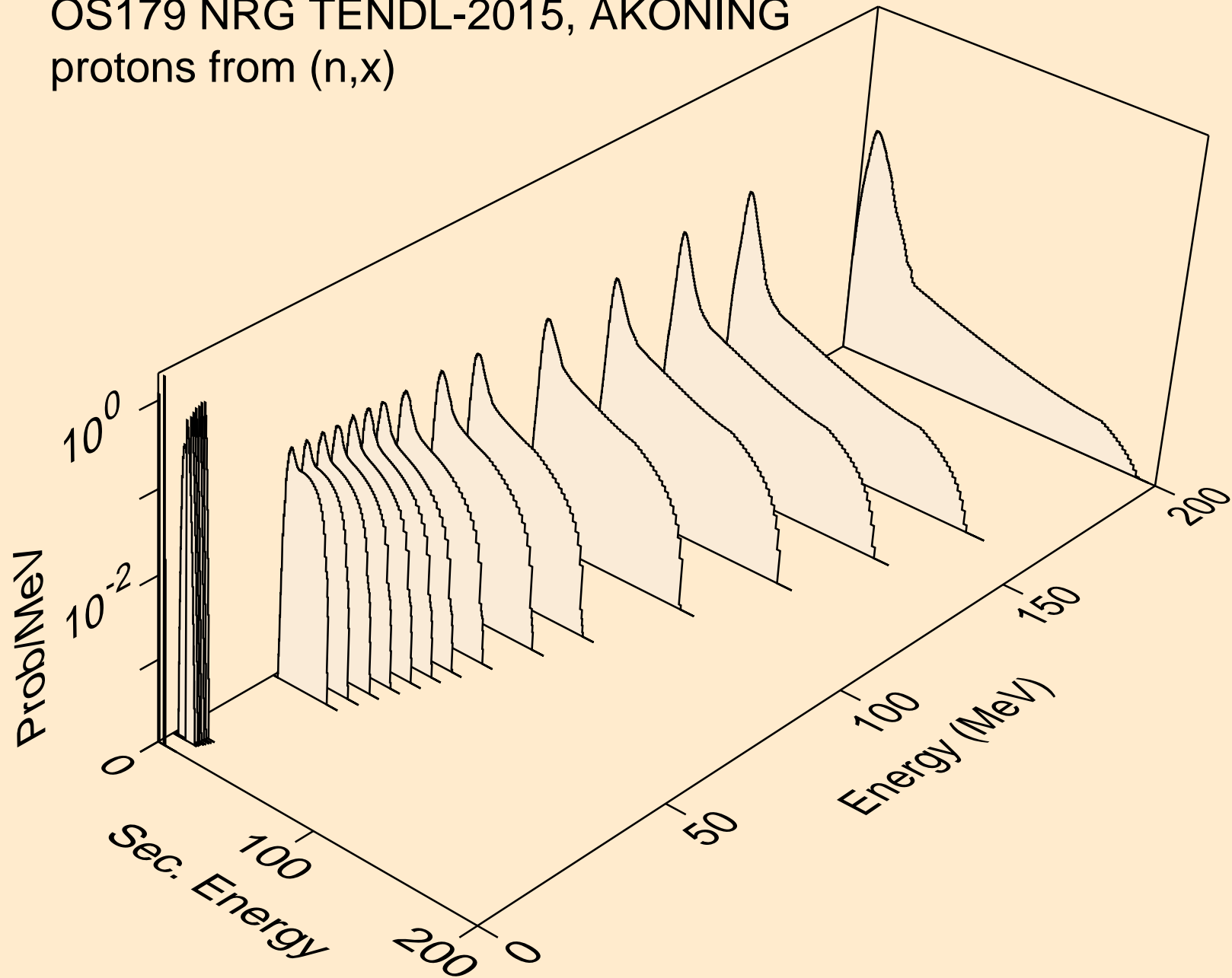


# OS179 NRG TENDL-2015, AKONING

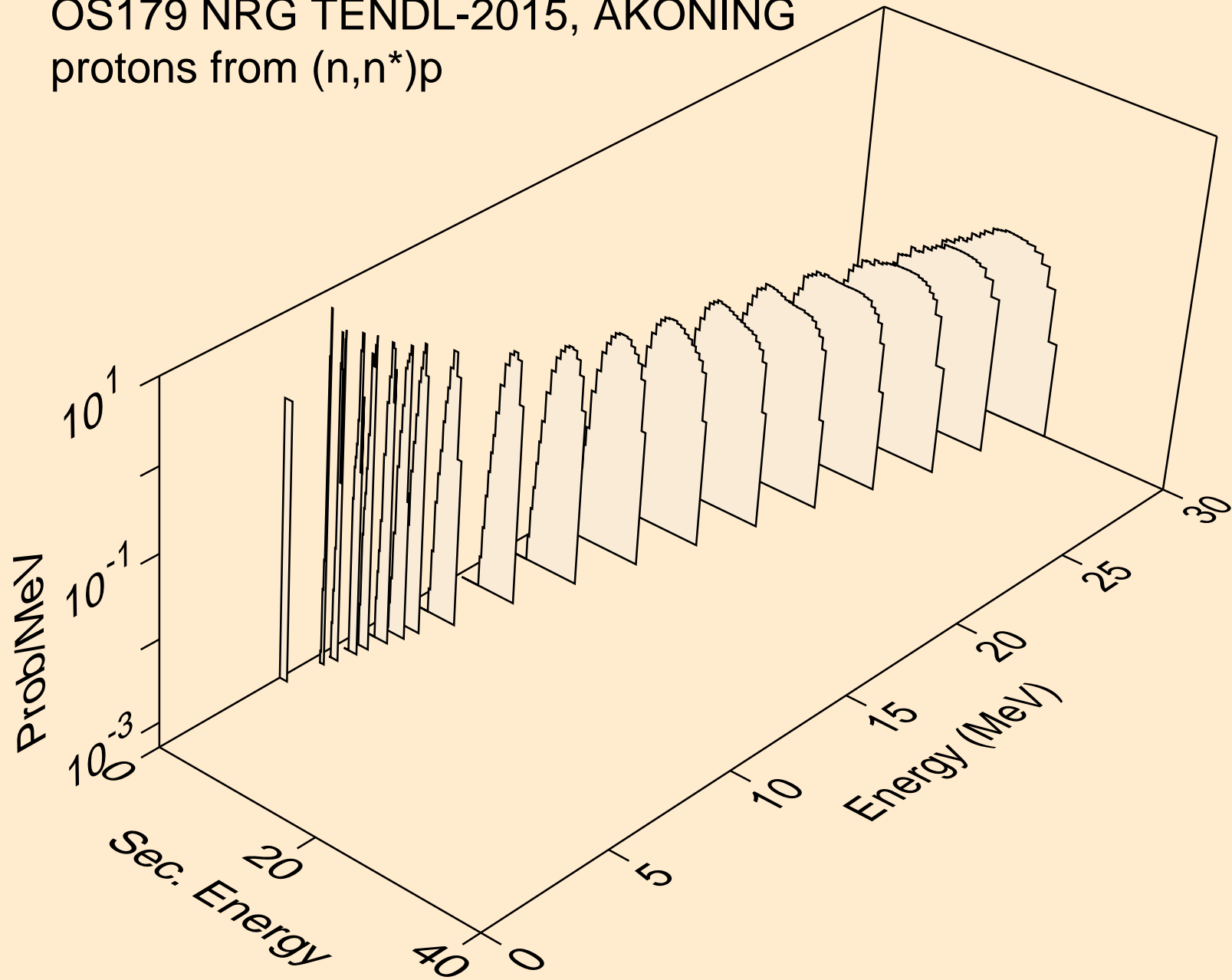
## Particle production cross sections



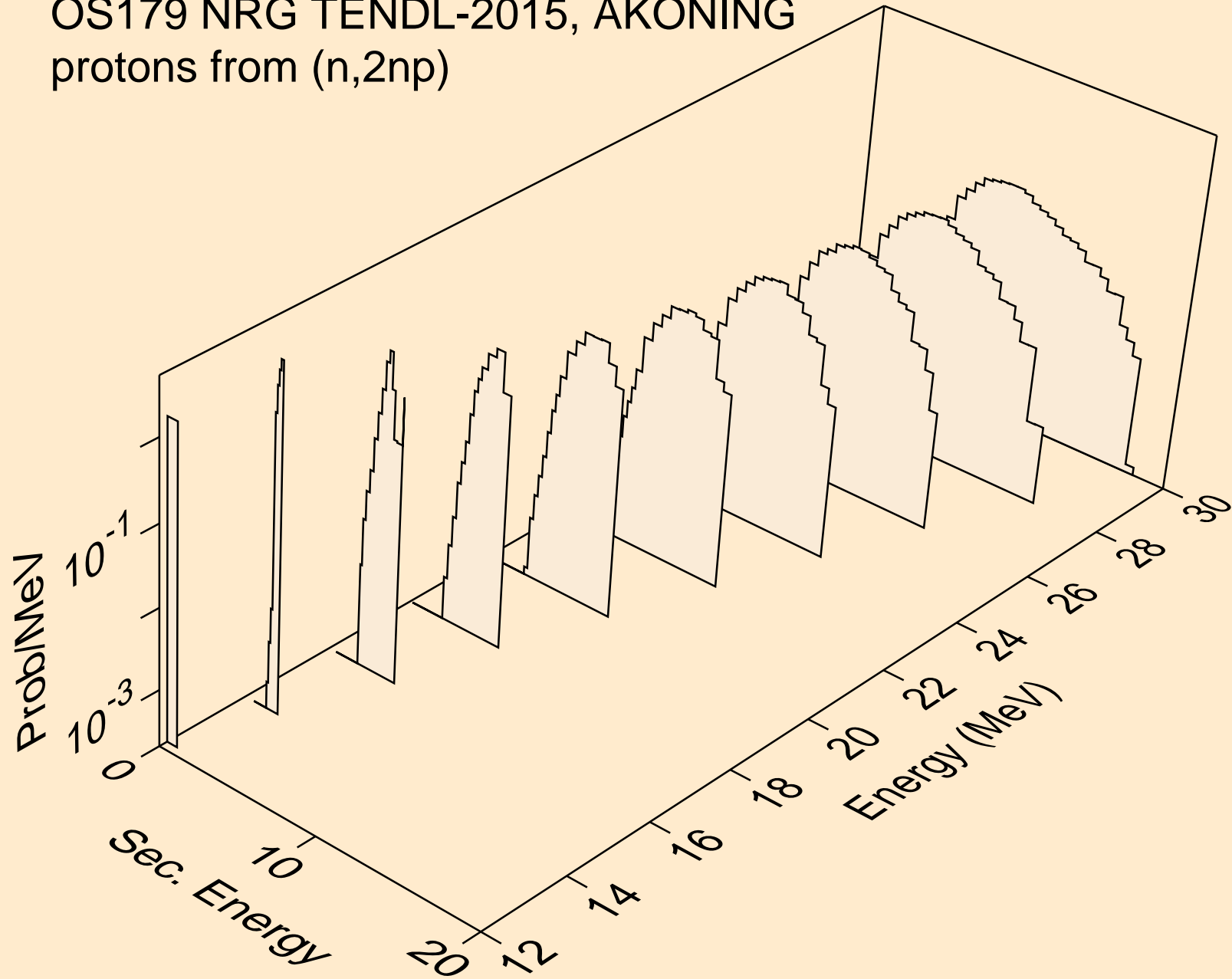
OS179 NRG TENDL-2015, AKONING  
protons from (n,x)



OS179 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

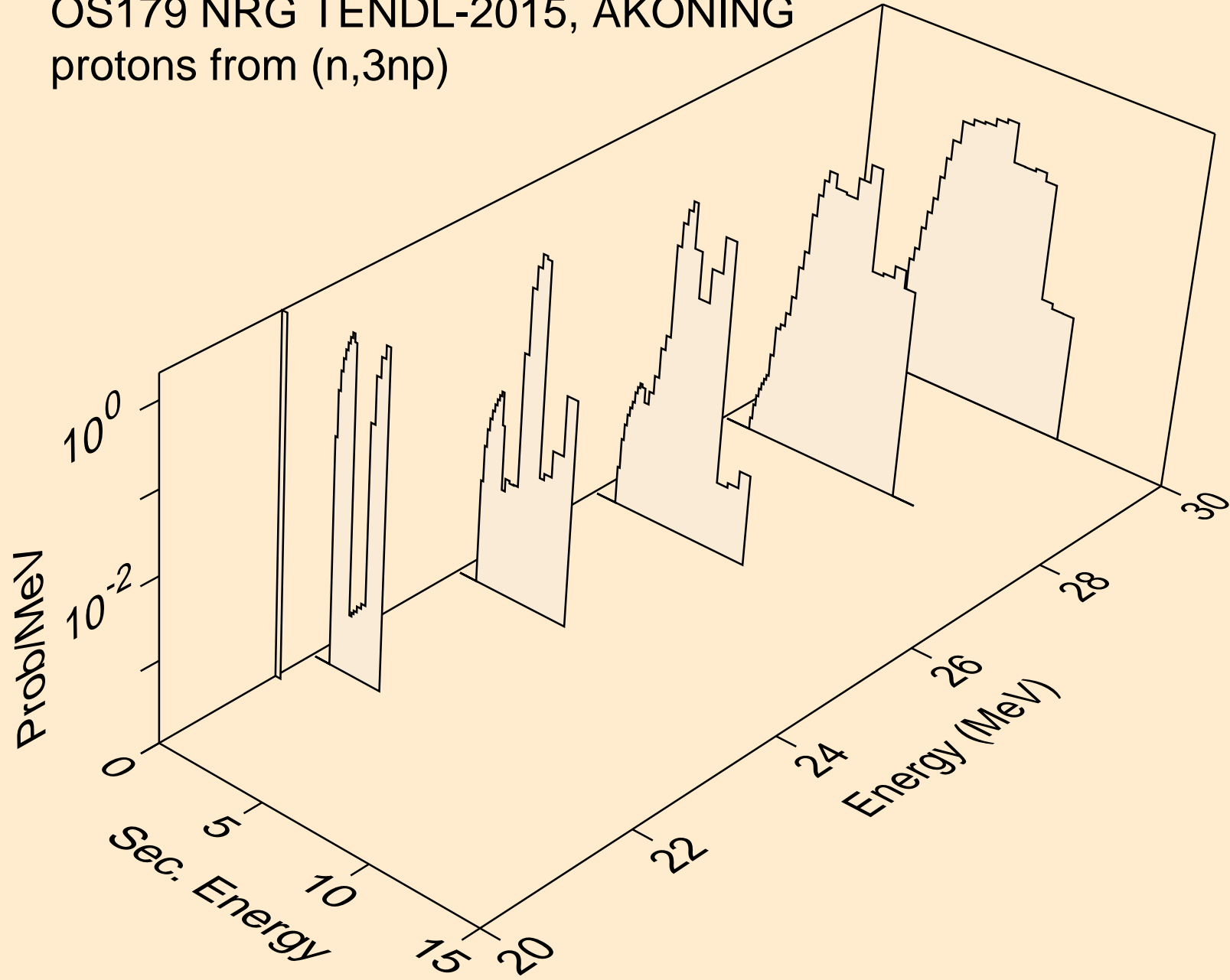


OS179 NRG TENDL-2015, AKONING  
protons from (n,2np)

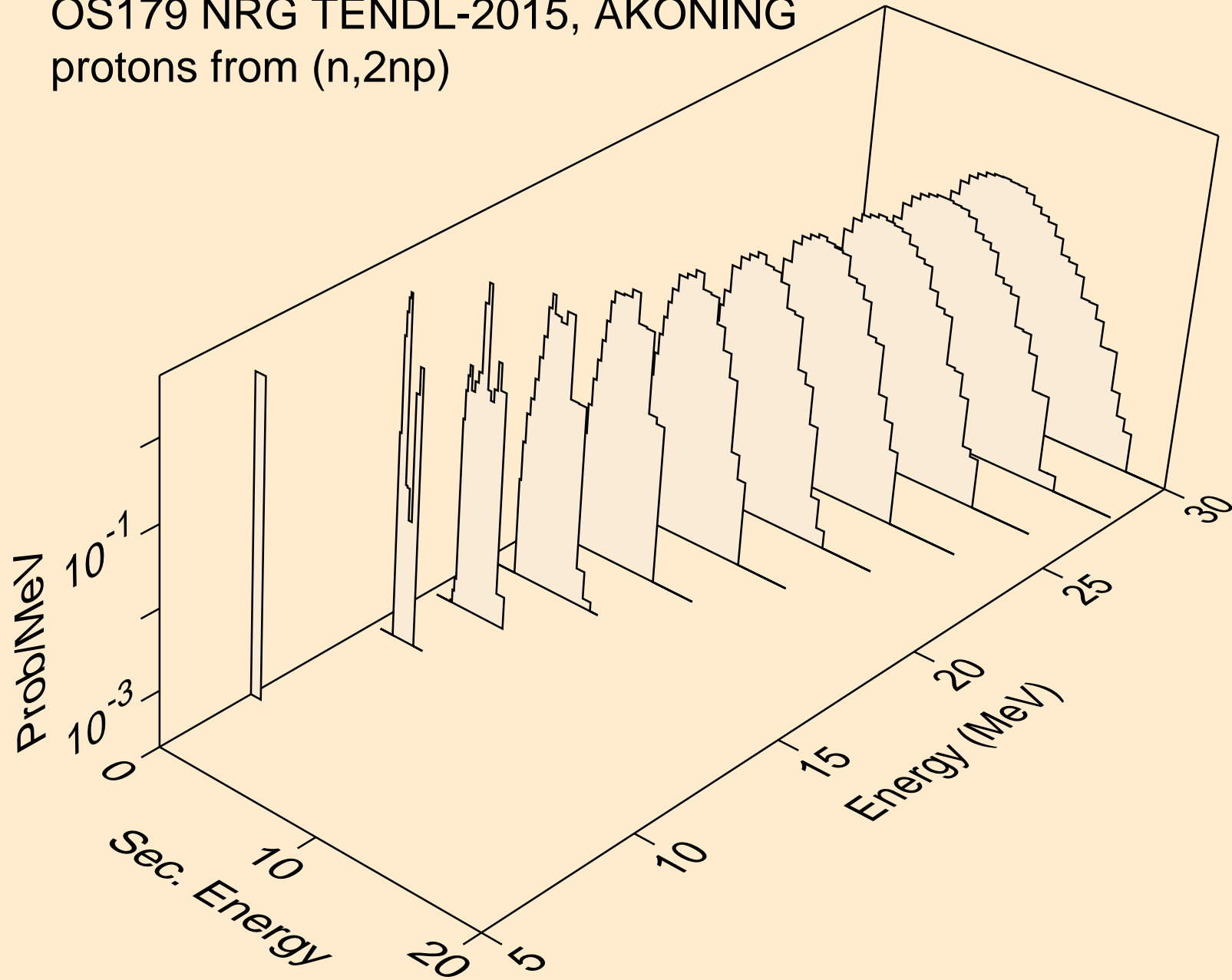




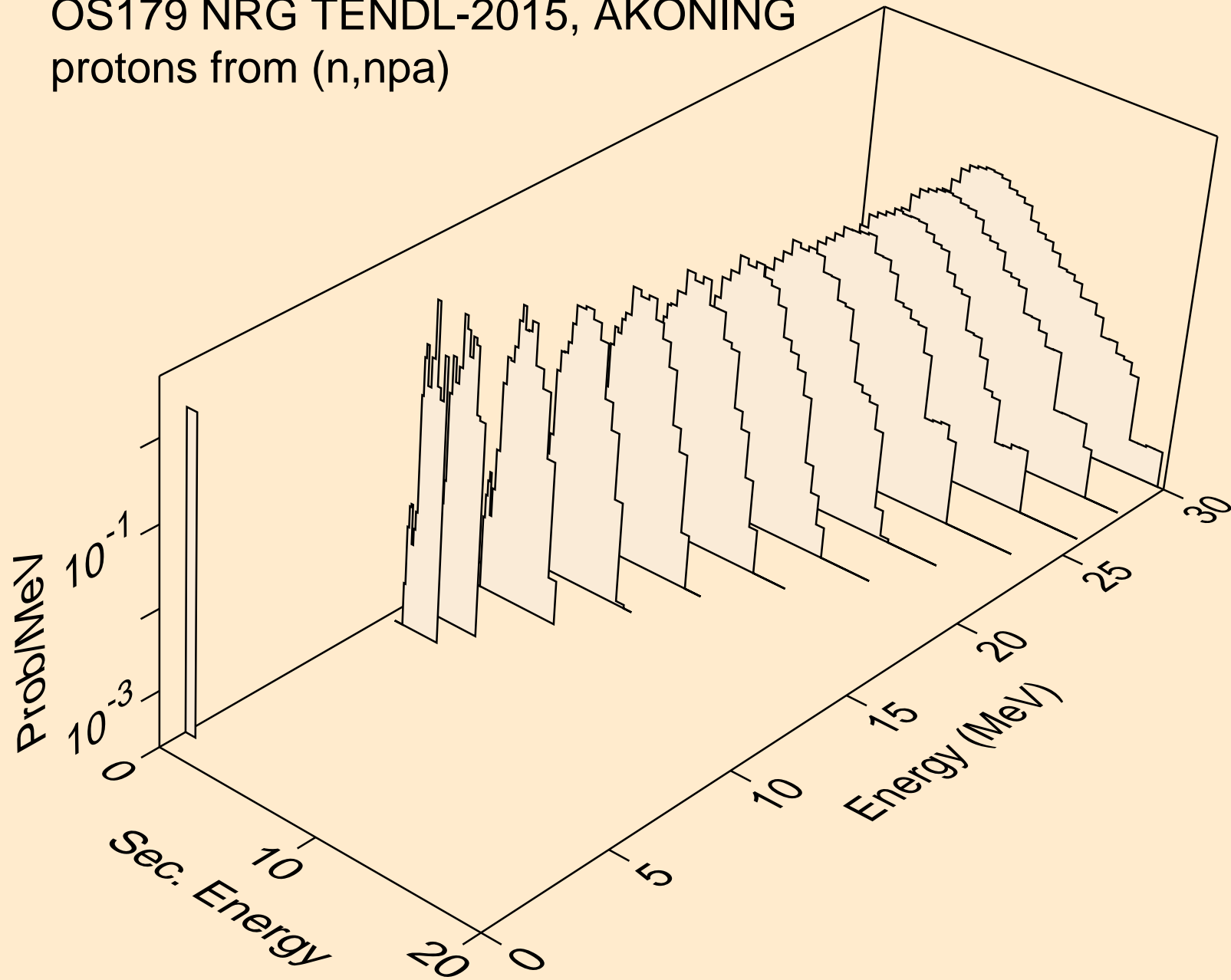
OS179 NRG TENDL-2015, AKONING  
protons from (n,3np)



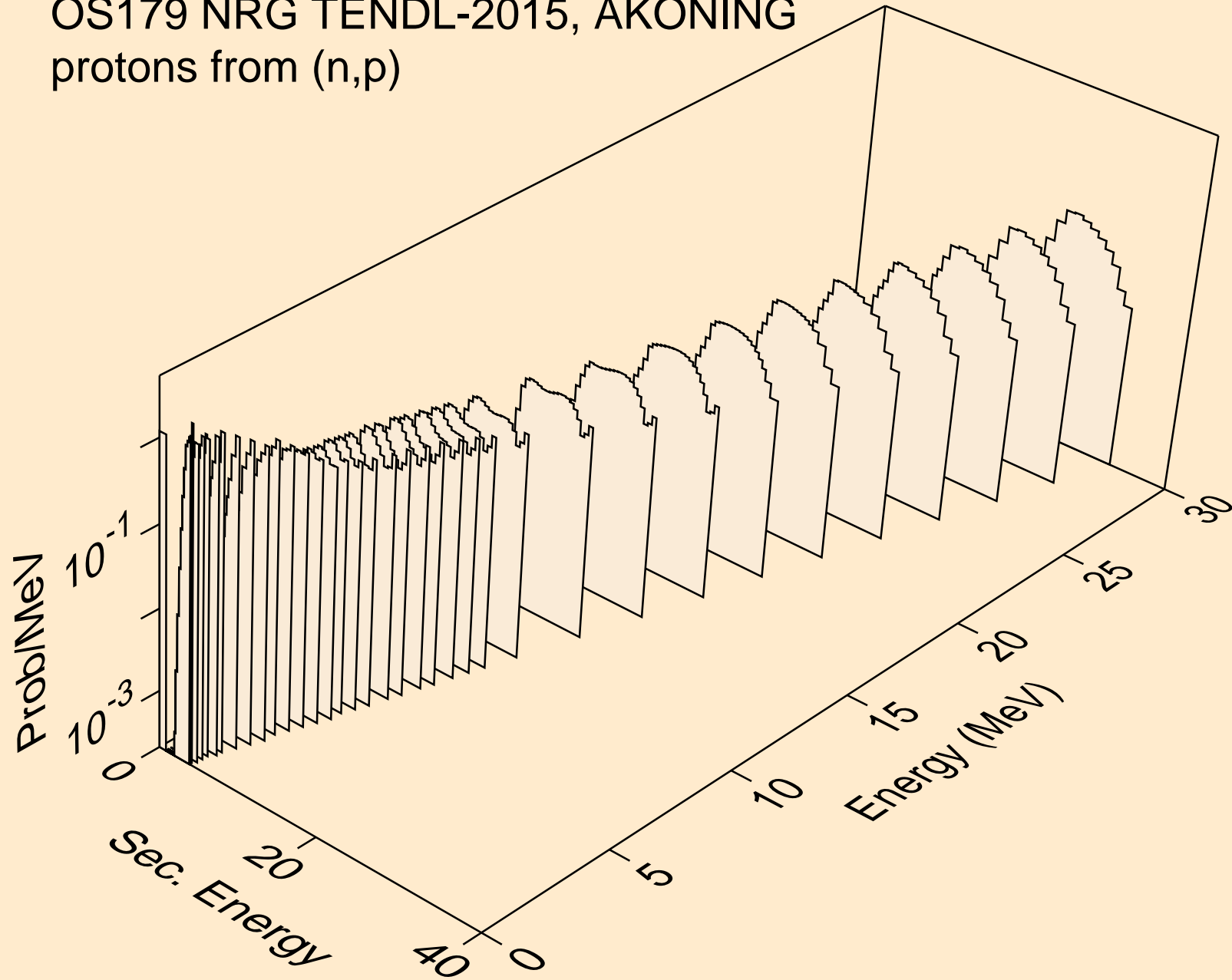
OS179 NRG TENDL-2015, AKONING  
protons from (n,2np)



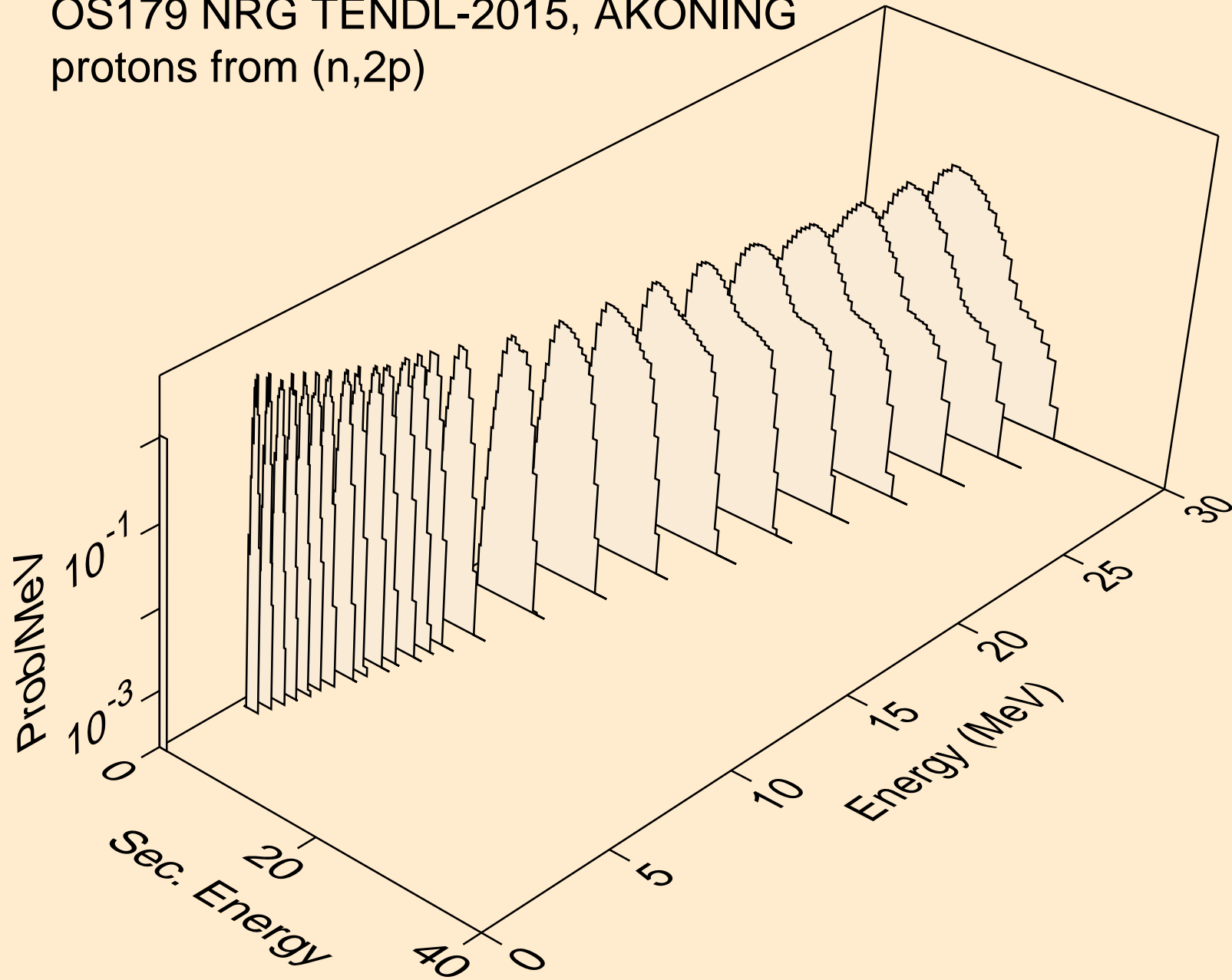
OS179 NRG TENDL-2015, AKONING  
protons from (n,npa)



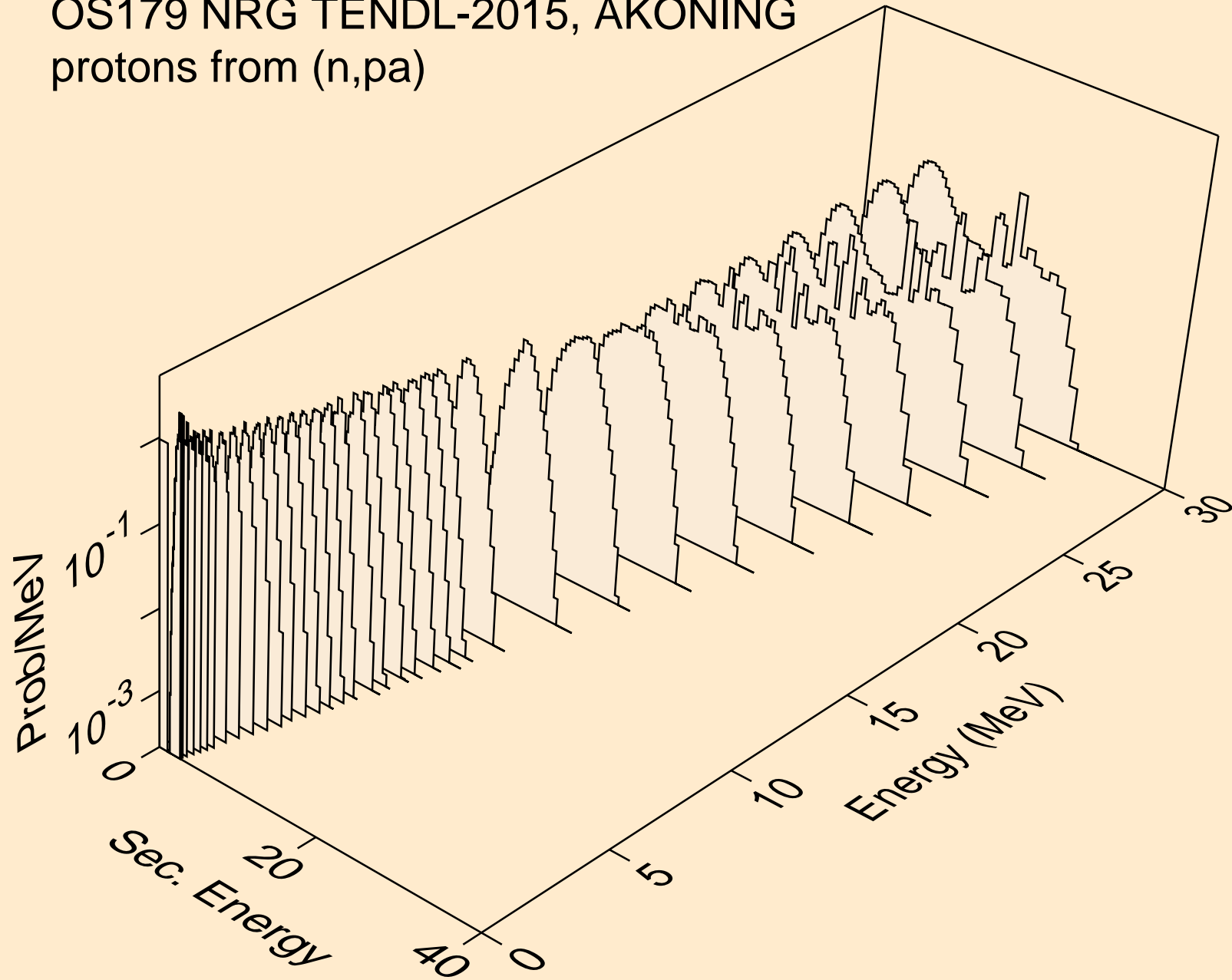
OS179 NRG TENDL-2015, AKONING  
protons from (n,p)



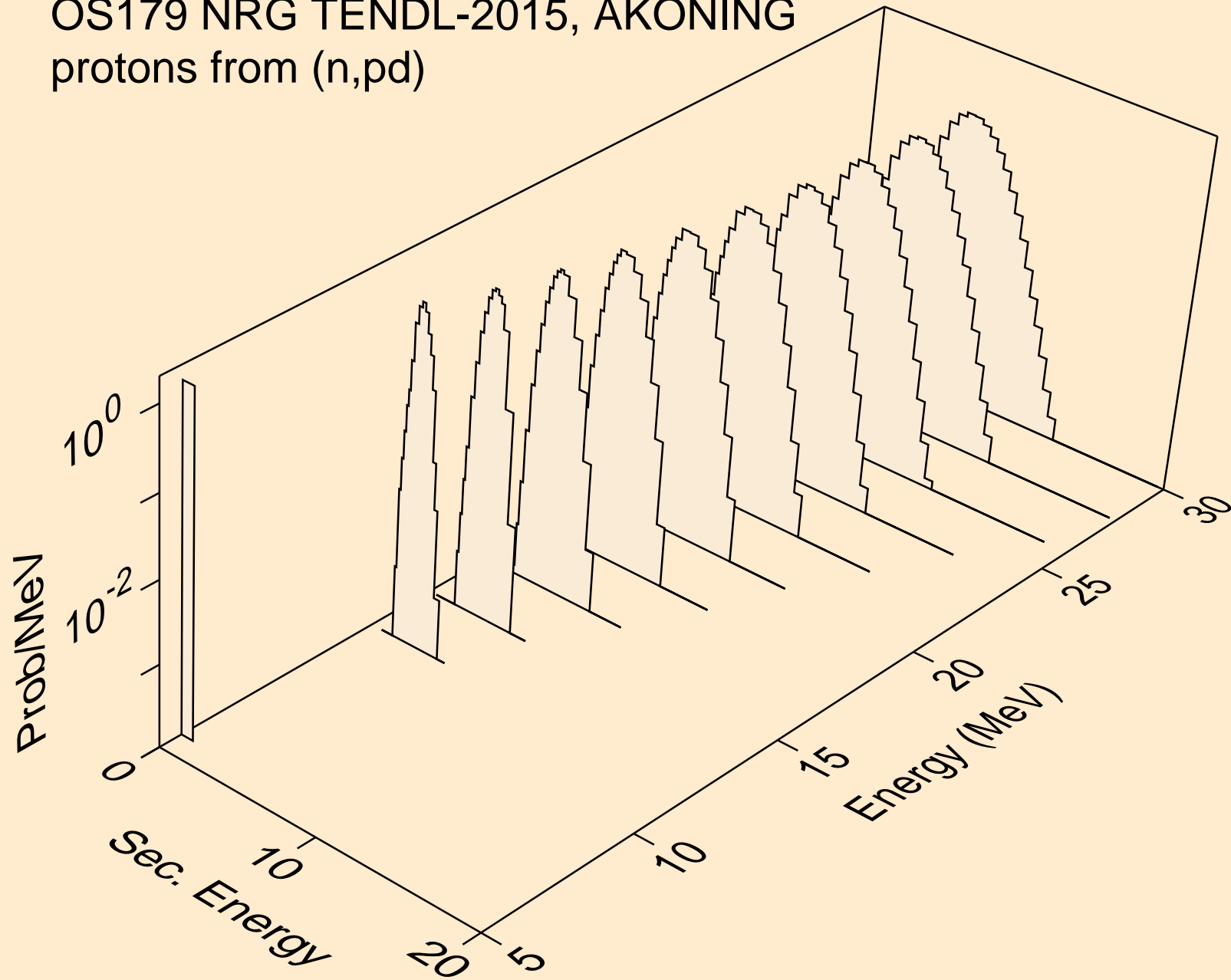
OS179 NRG TENDL-2015, AKONING  
protons from (n,2p)



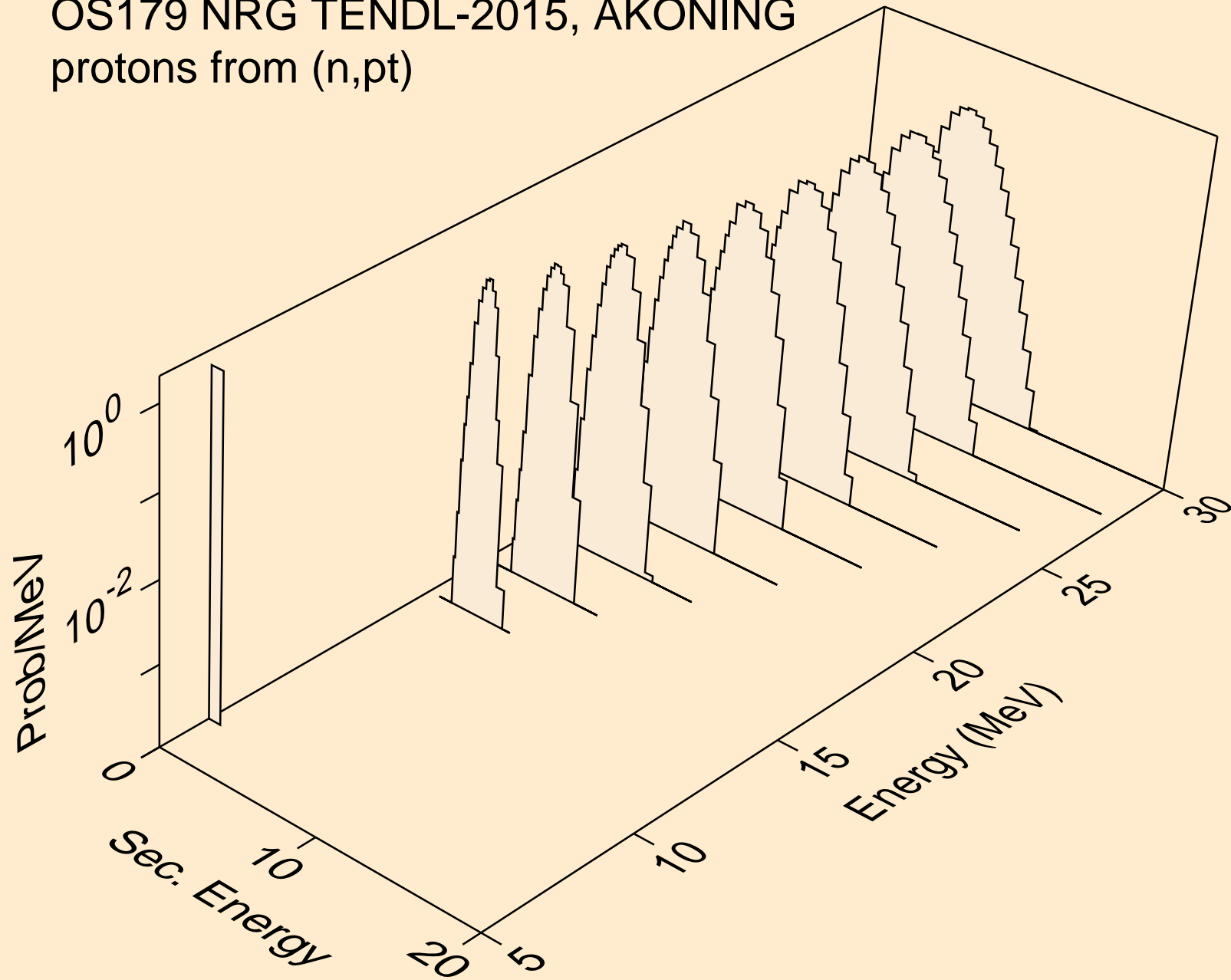
OS179 NRG TENDL-2015, AKONING  
protons from (n,pa)



OS179 NRG TENDL-2015, AKONING  
protons from (n,pd)

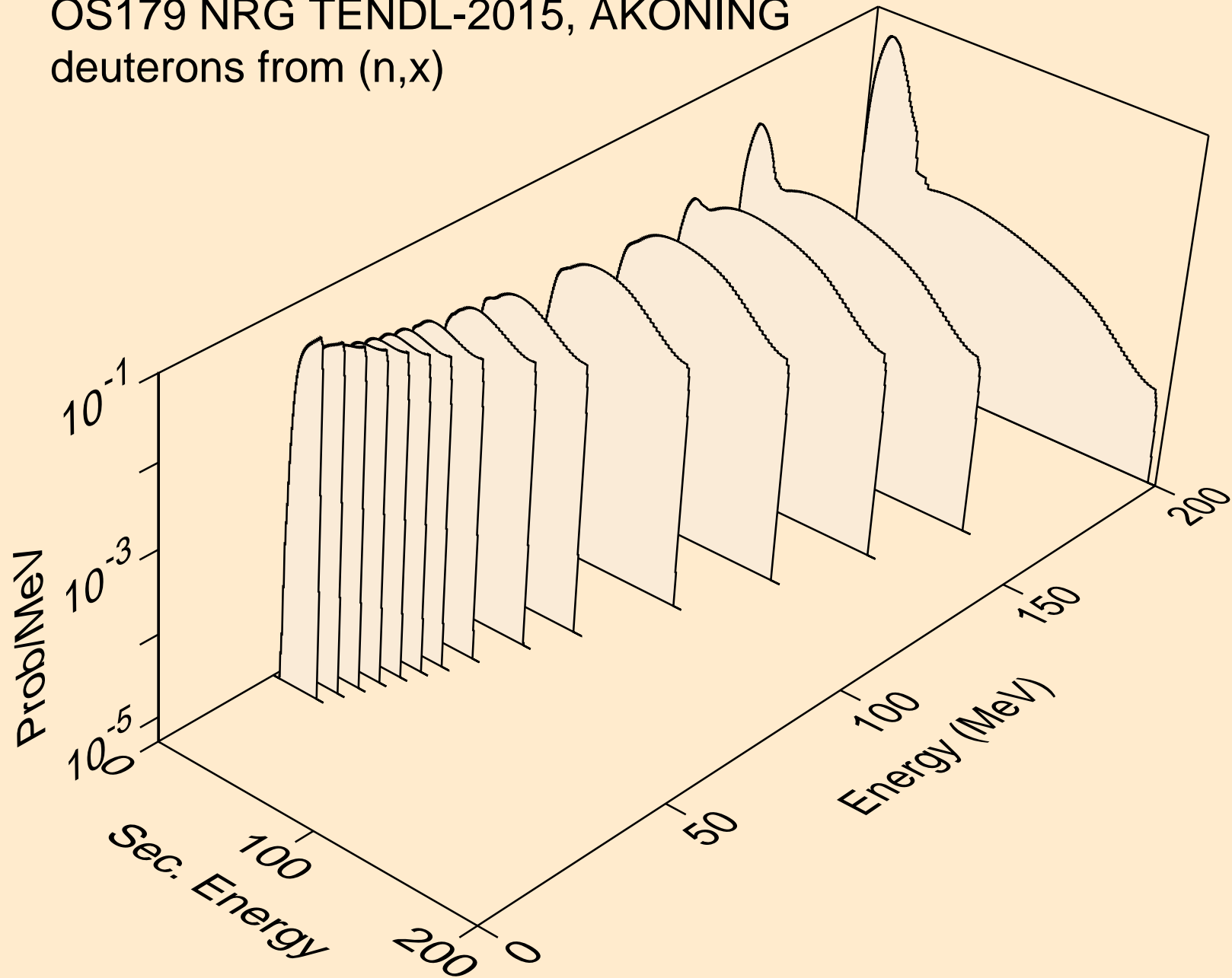


OS179 NRG TENDL-2015, AKONING  
protons from (n,pt)

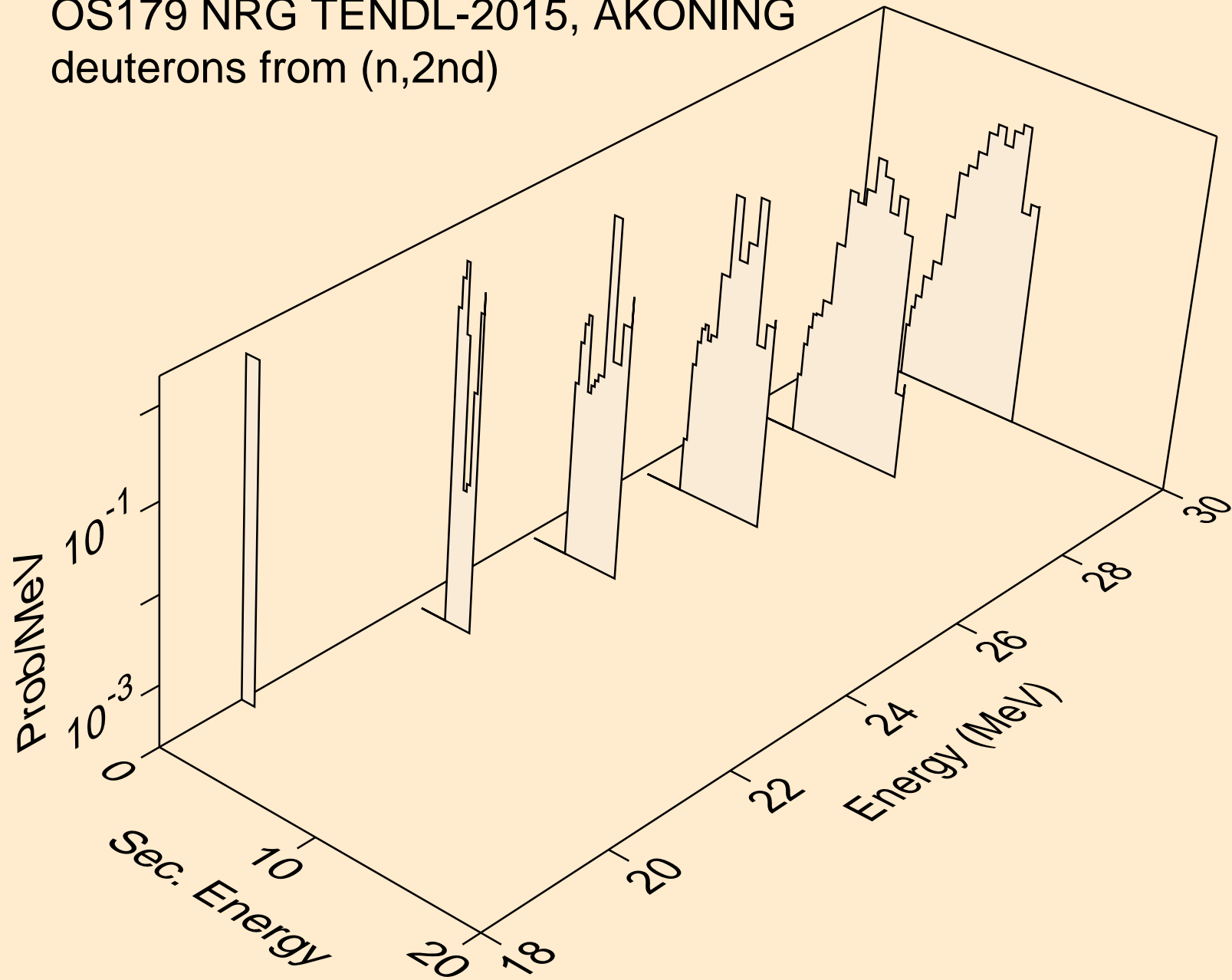




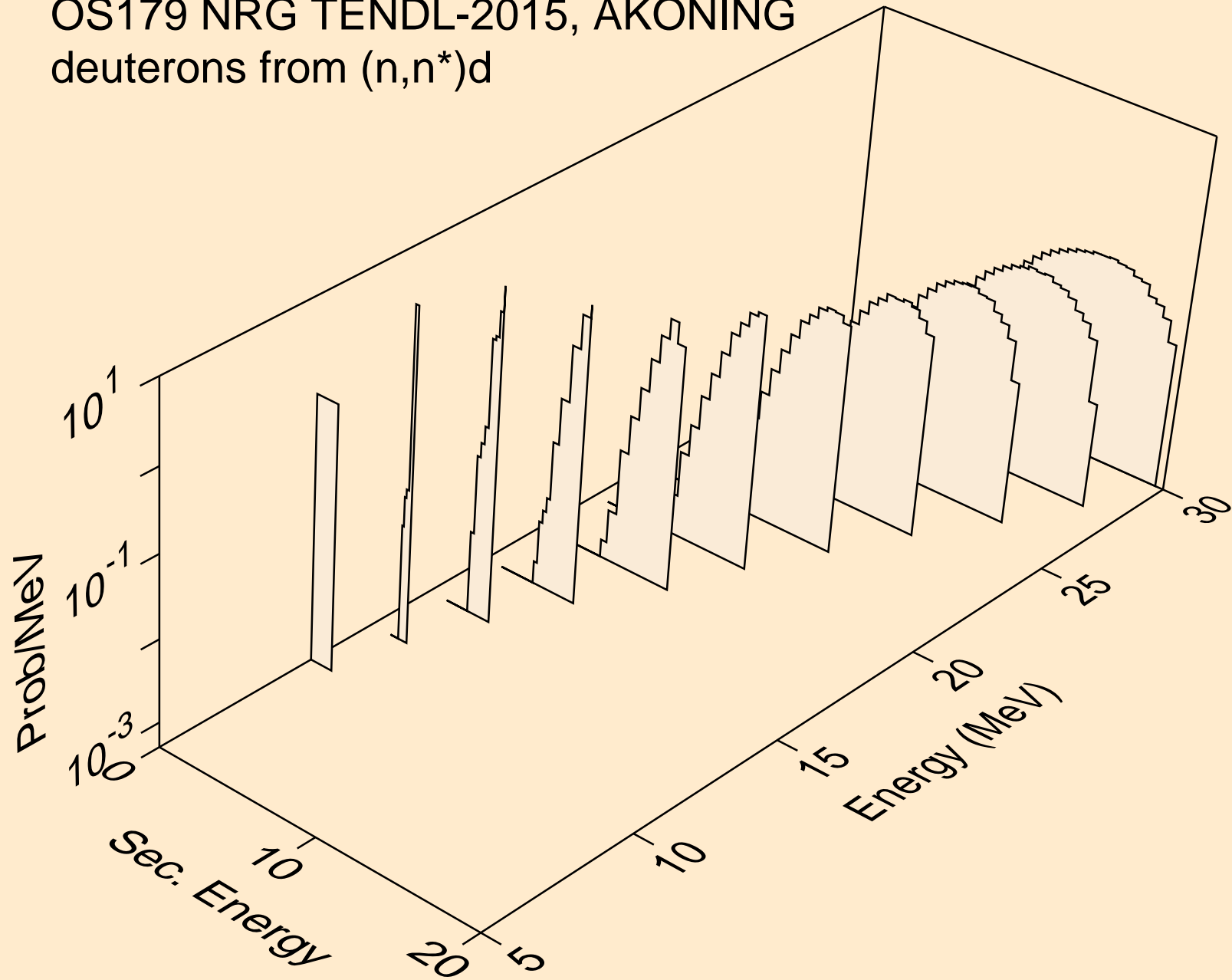
OS179 NRG TENDL-2015, AKONING  
deuterons from (n,x)



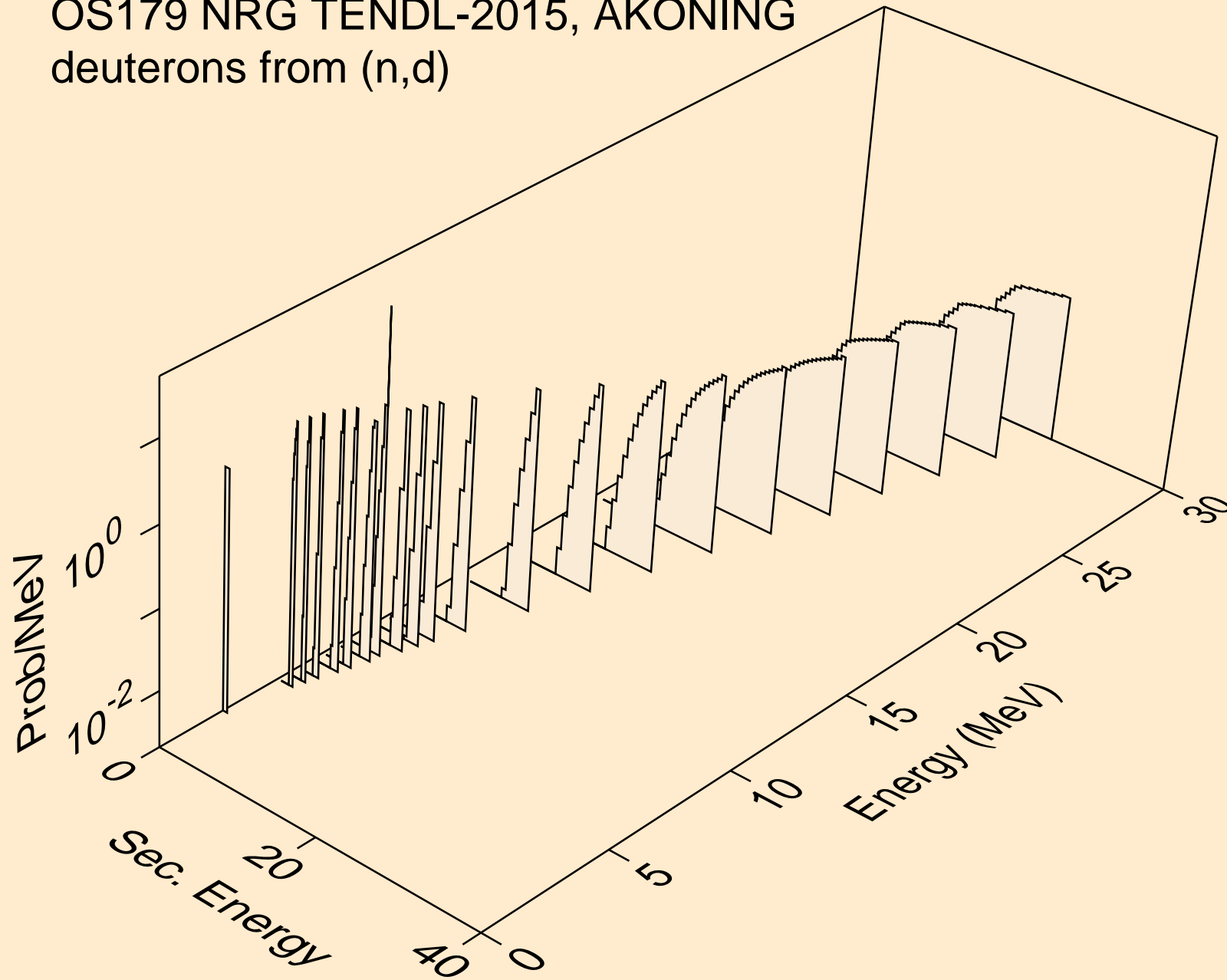
OS179 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



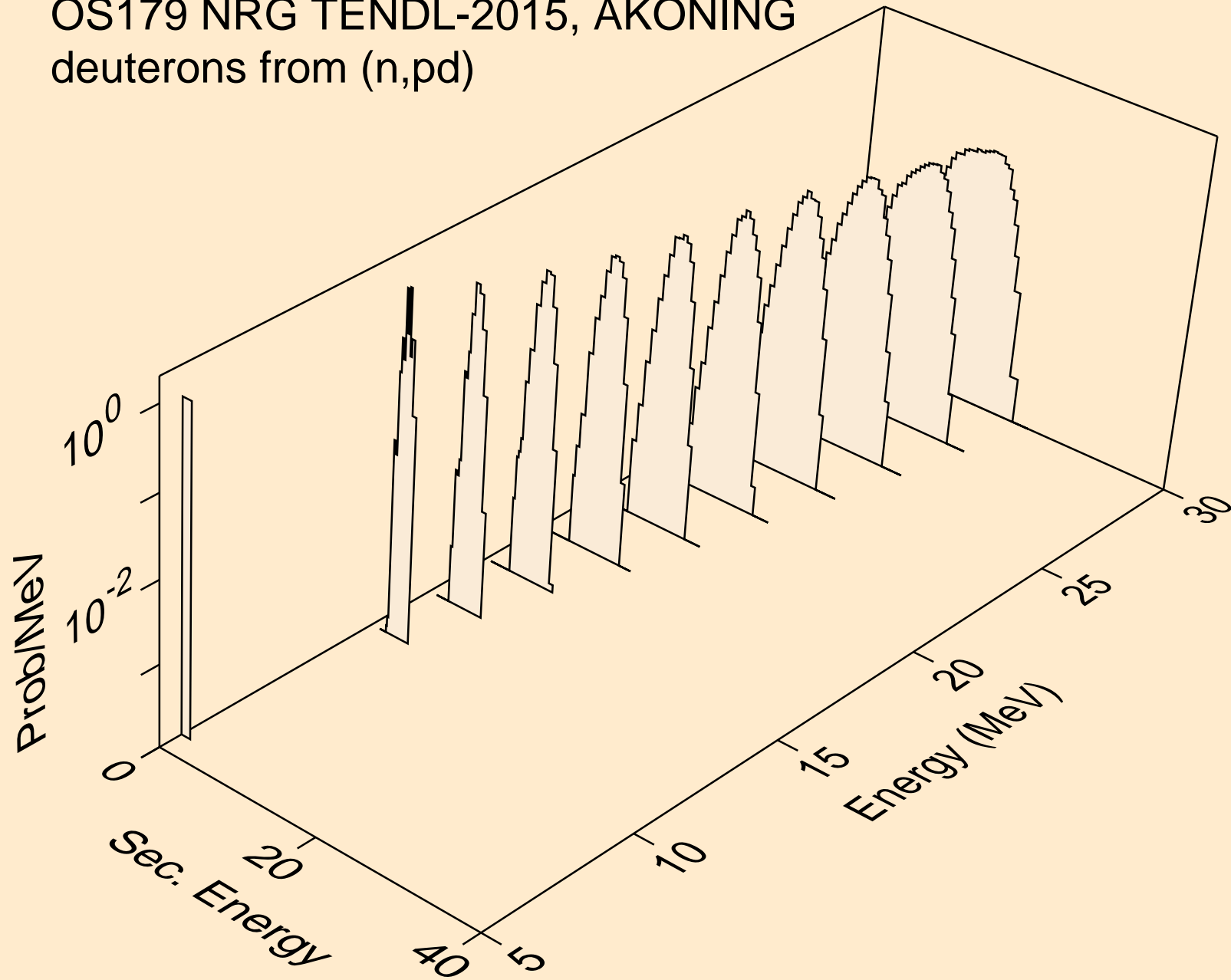
OS179 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



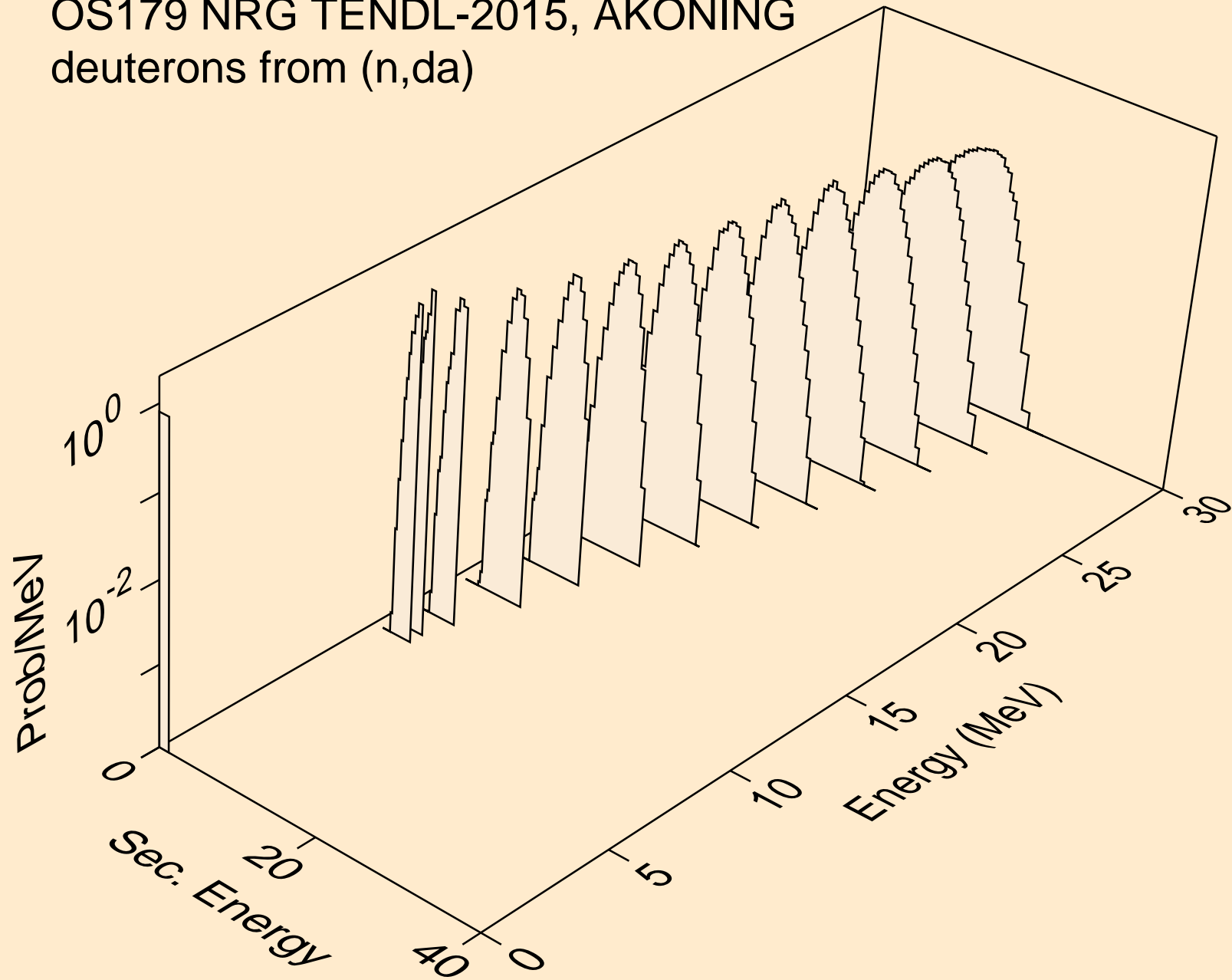
OS179 NRG TENDL-2015, AKONING  
deuterons from (n,d)



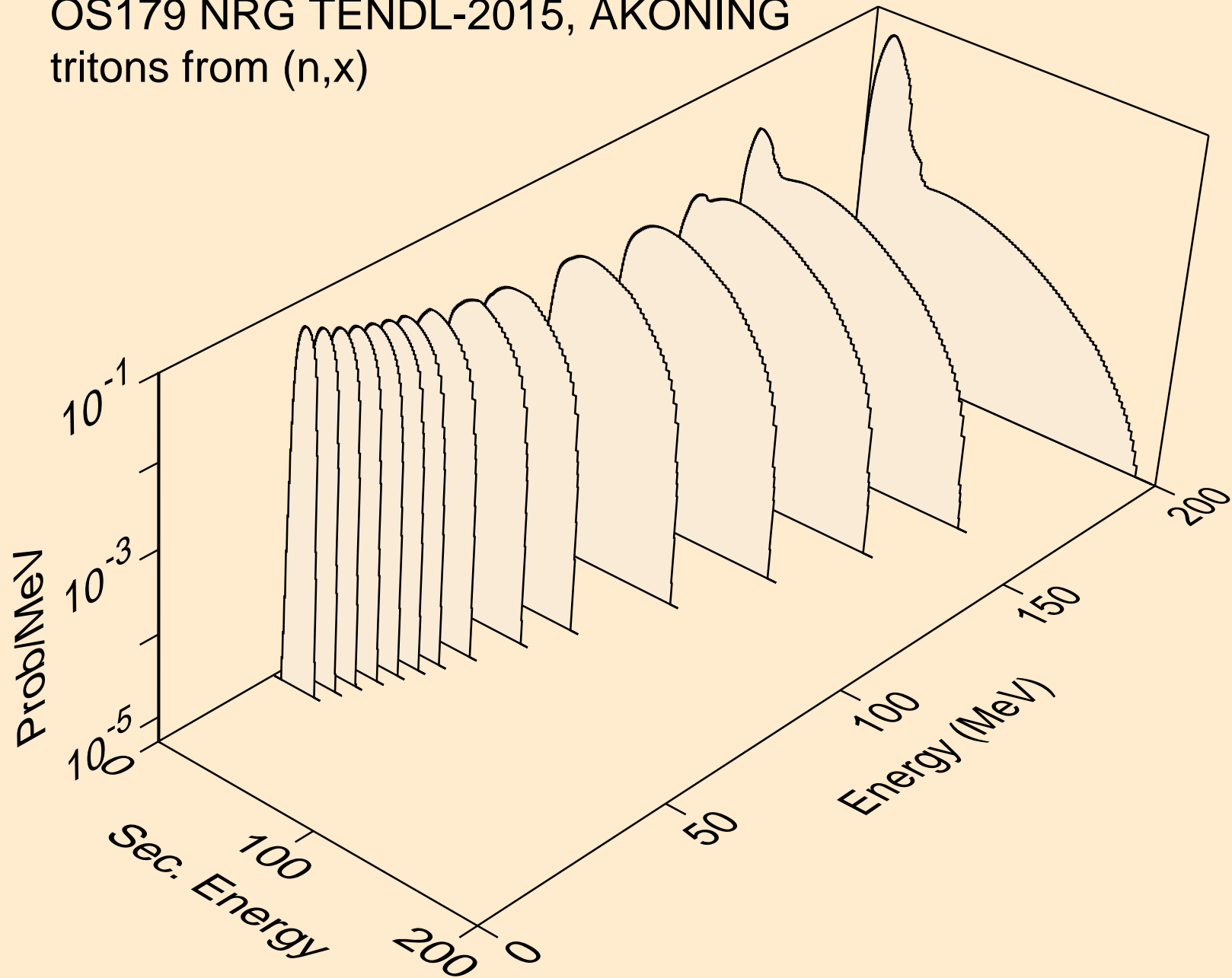
OS179 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



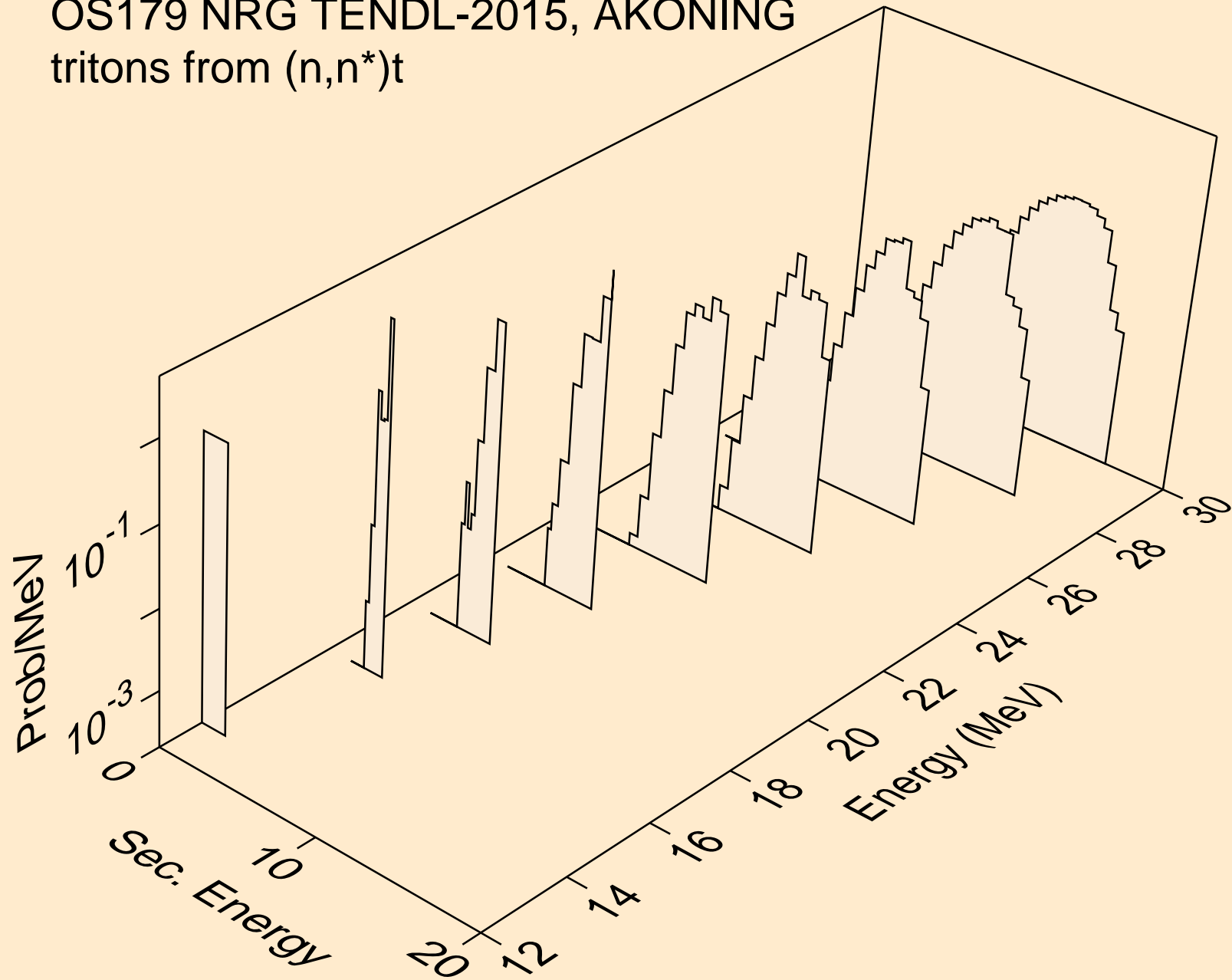
OS179 NRG TENDL-2015, AKONING  
deuterons from (n,da)



OS179 NRG TENDL-2015, AKONING  
tritons from (n,x)

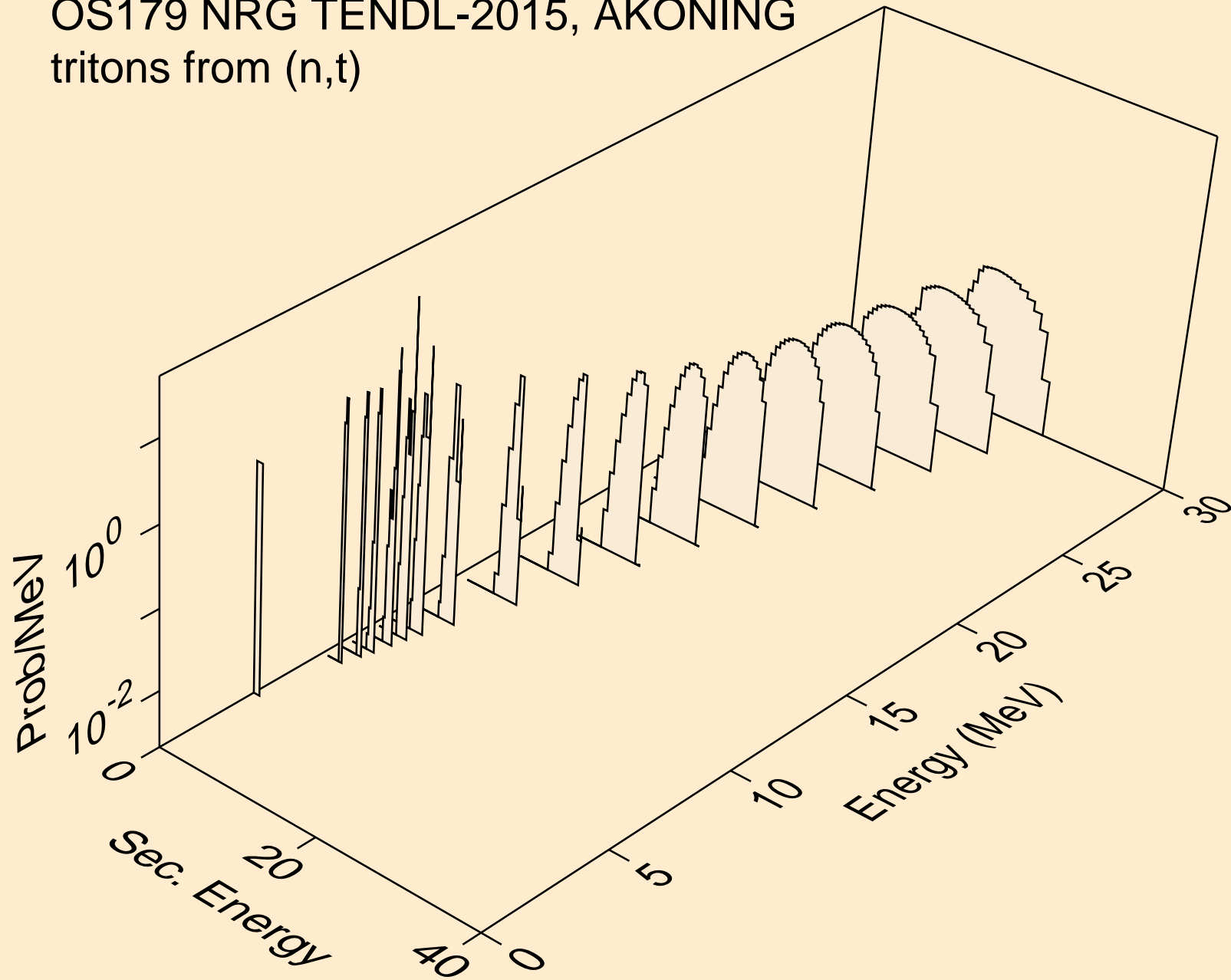


OS179 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

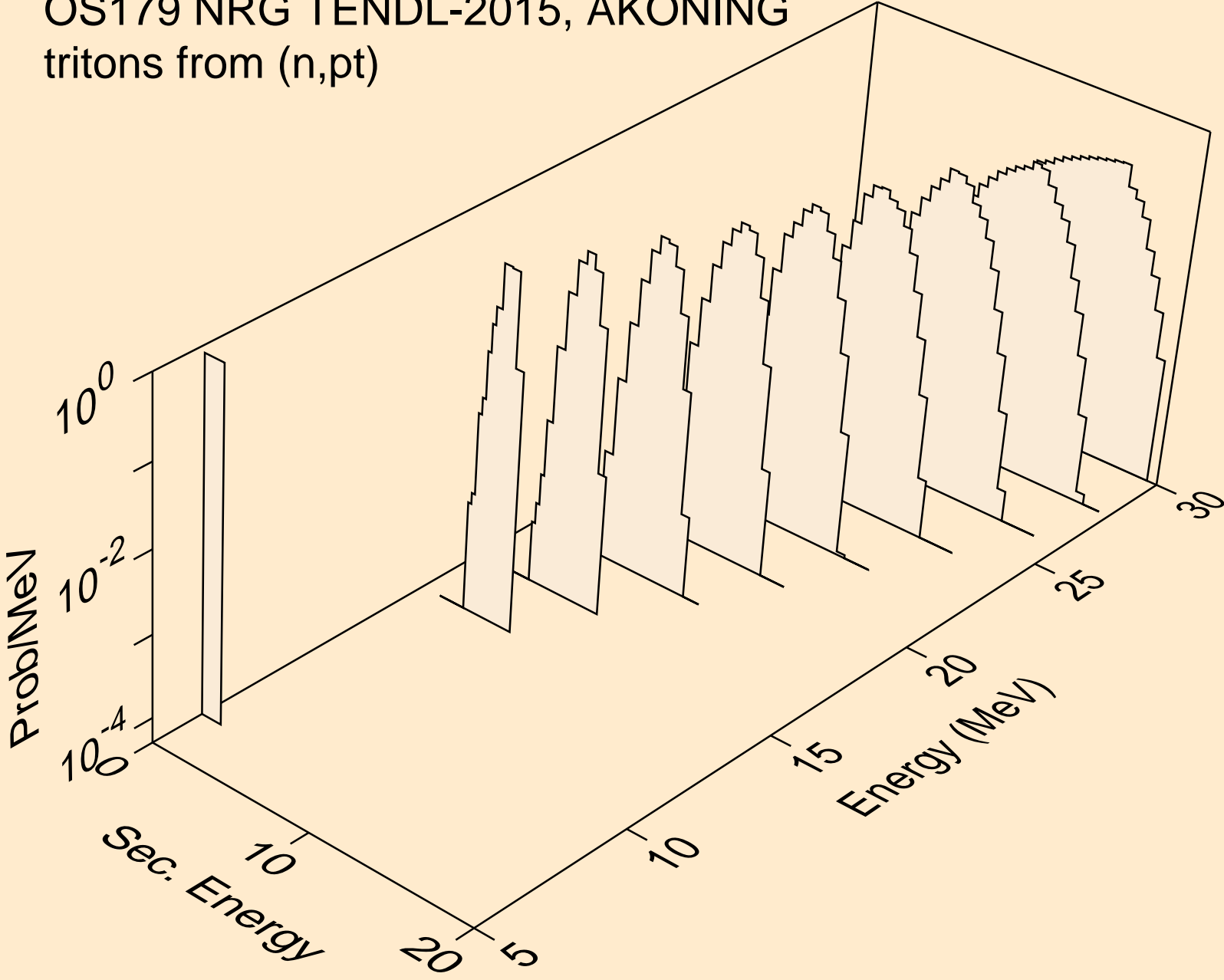




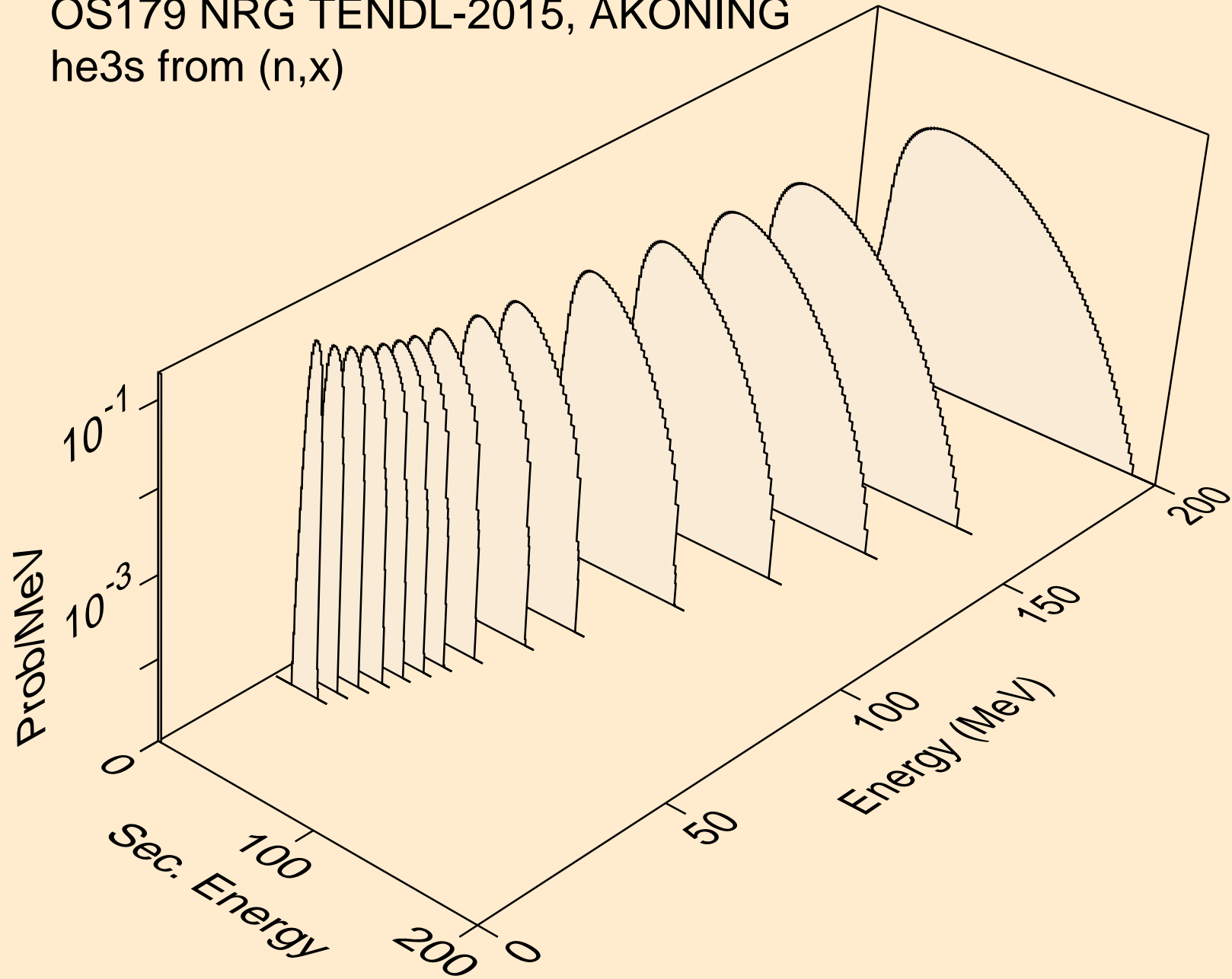
OS179 NRG TENDL-2015, AKONING  
tritons from (n,t)



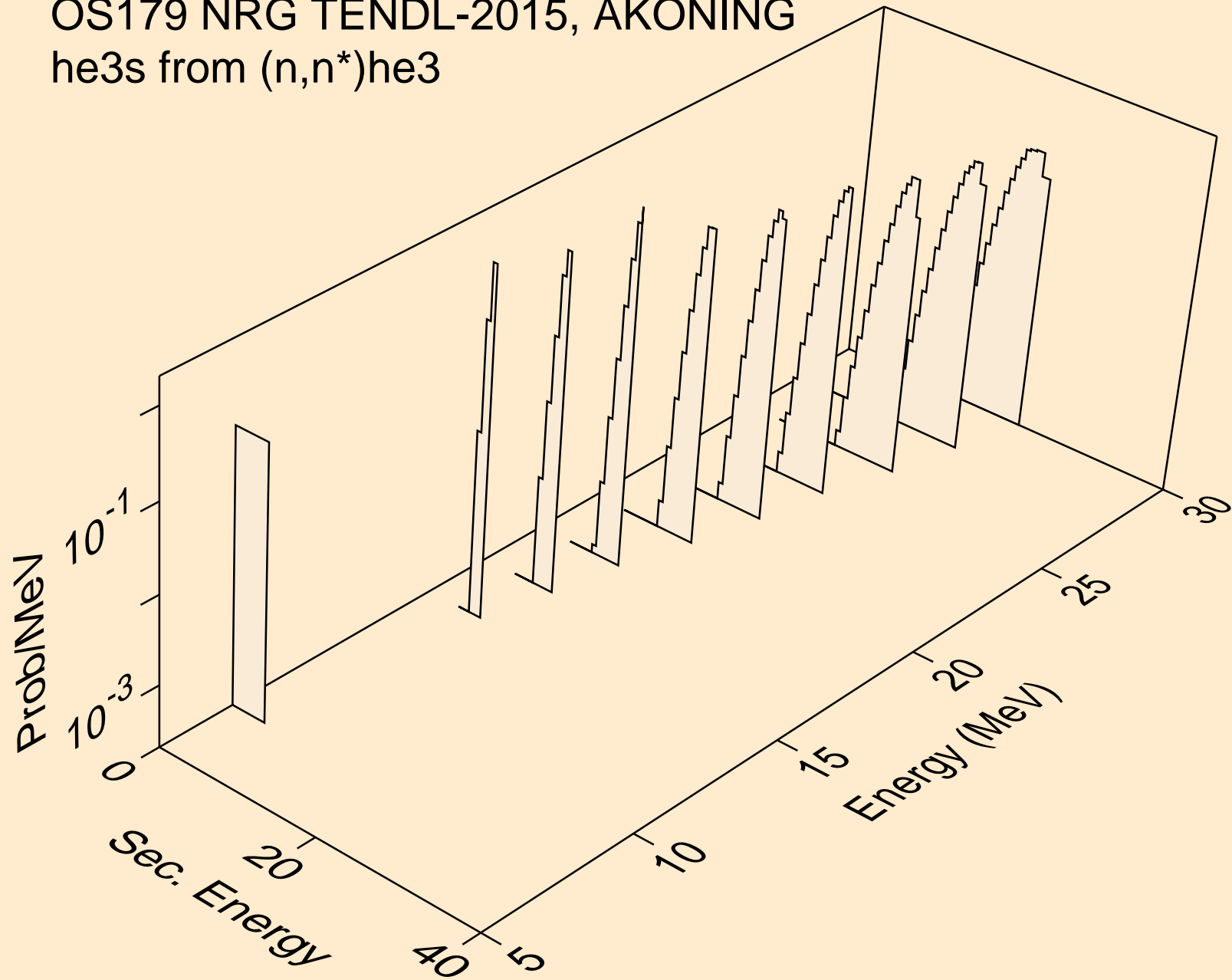
OS179 NRG TENDL-2015, AKONING  
tritons from (n,pt)



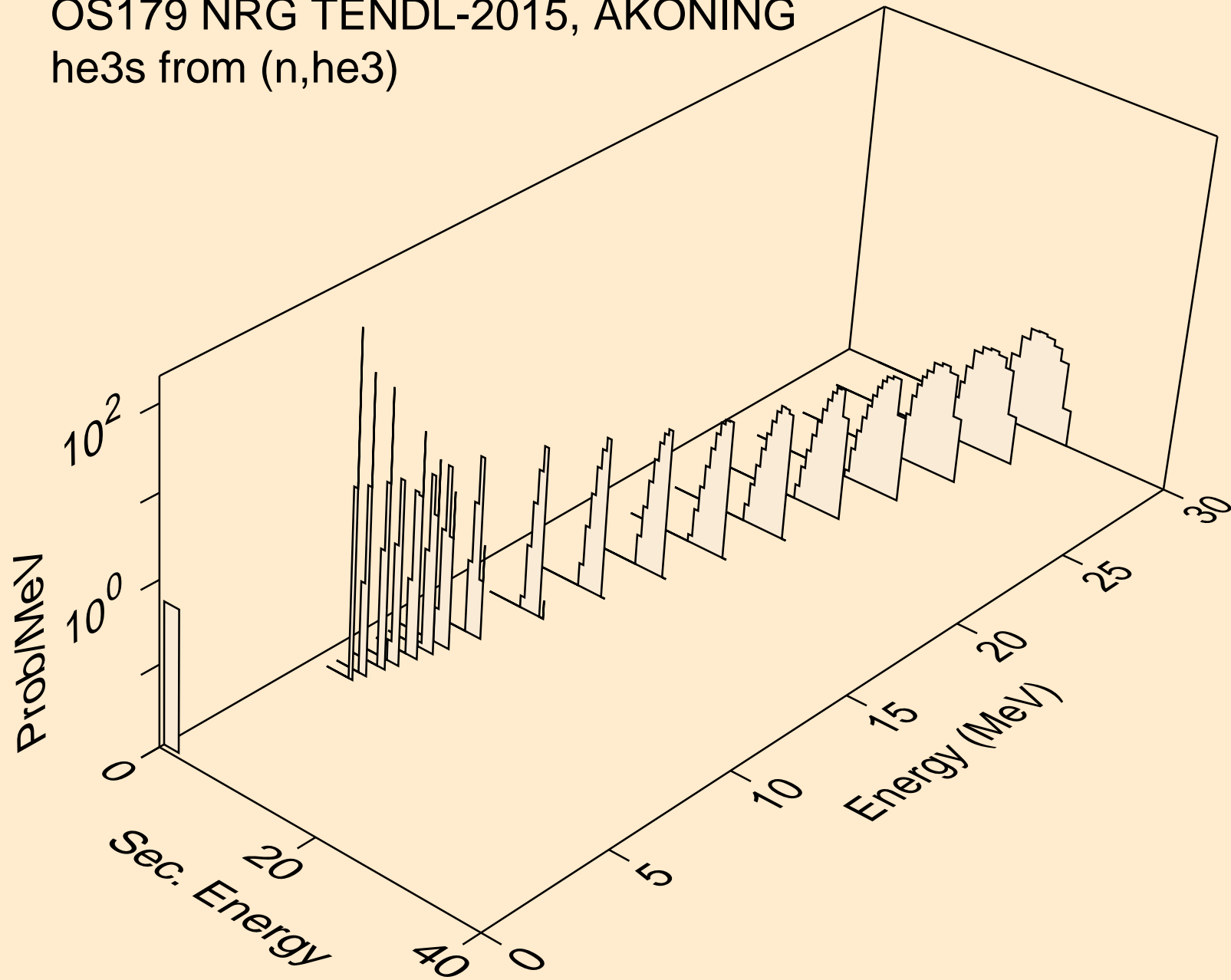
OS179 NRG TENDL-2015, AKONING  
he3s from (n,x)



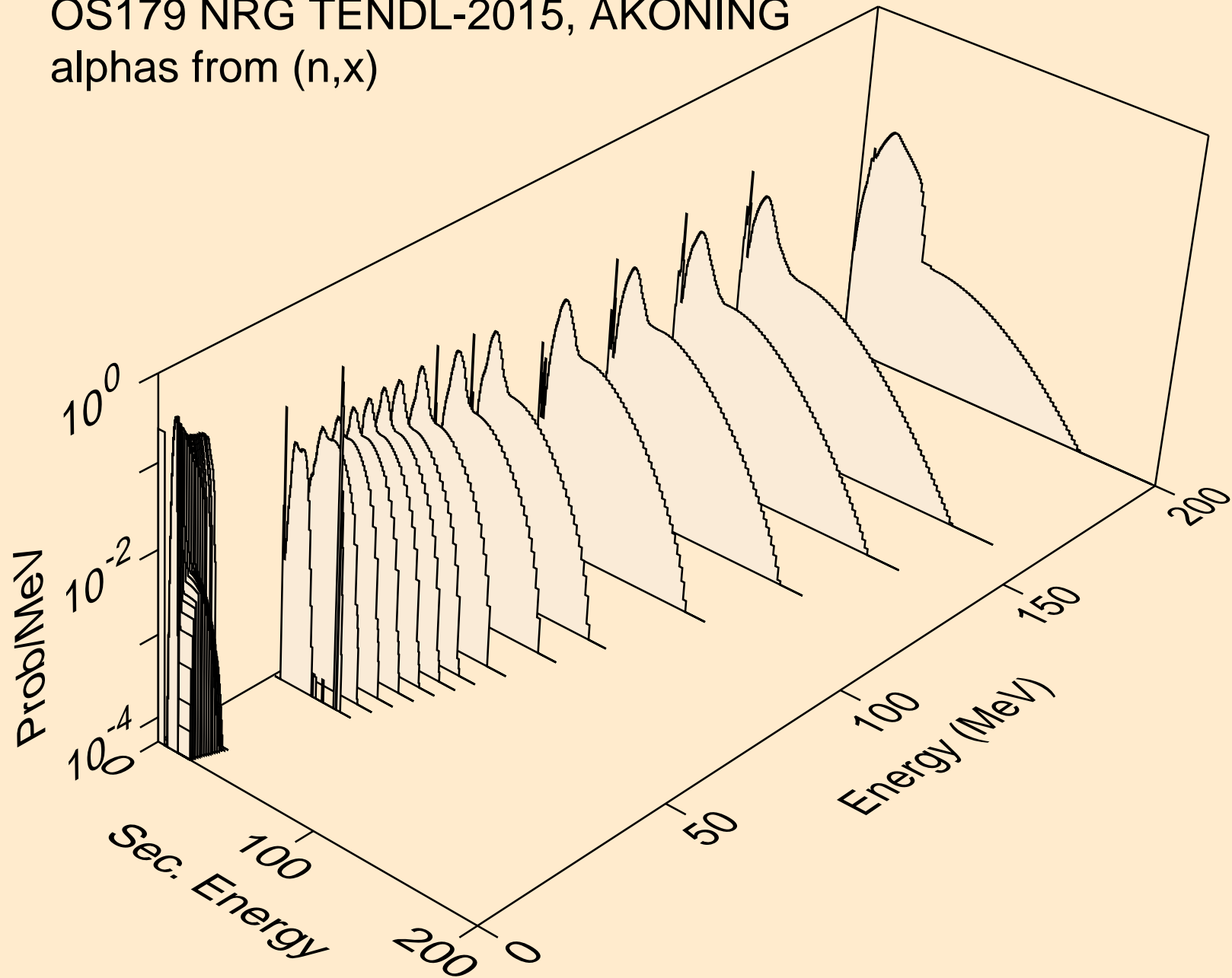
OS179 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



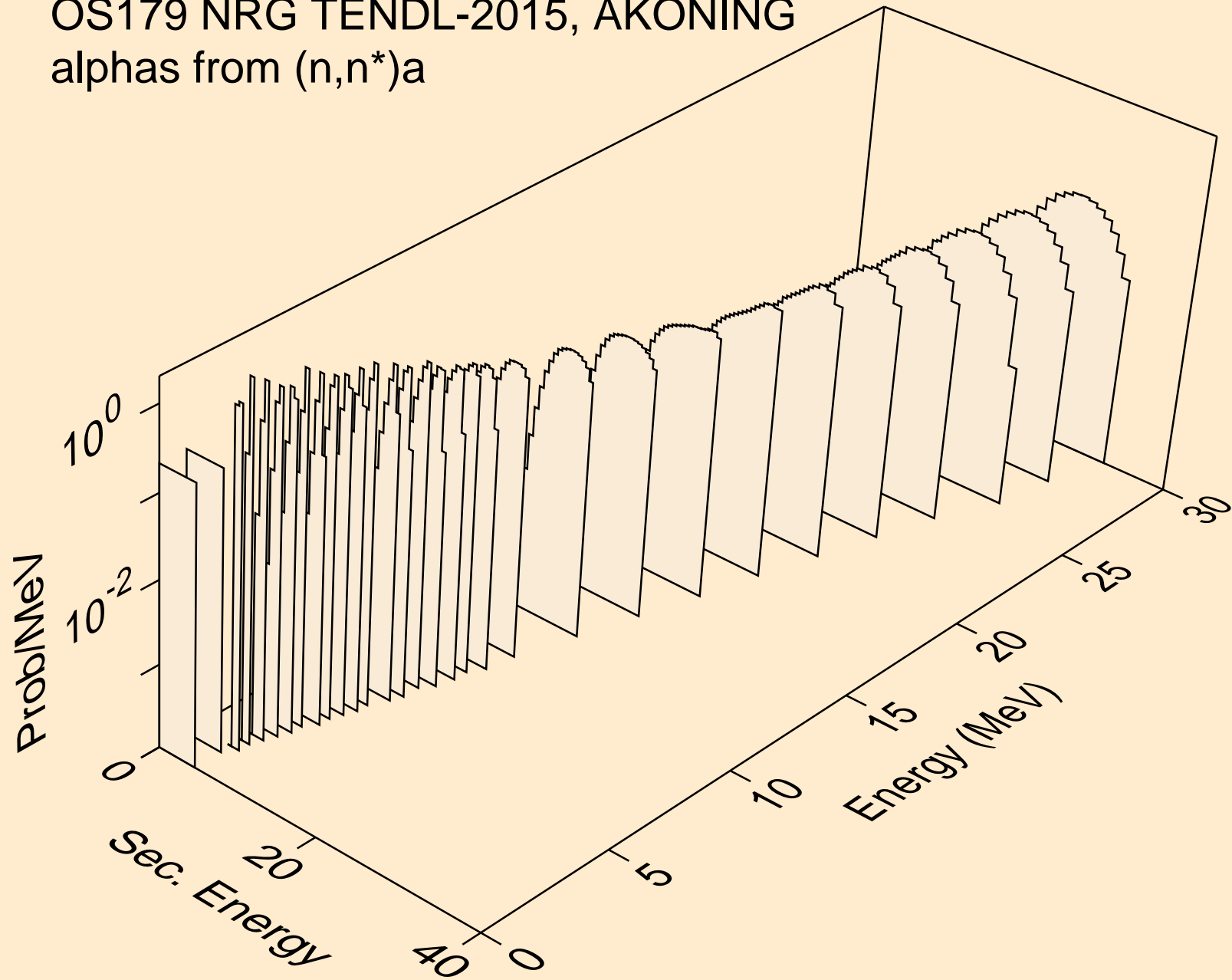
OS179 NRG TENDL-2015, AKONING  
he3s from (n,he3)



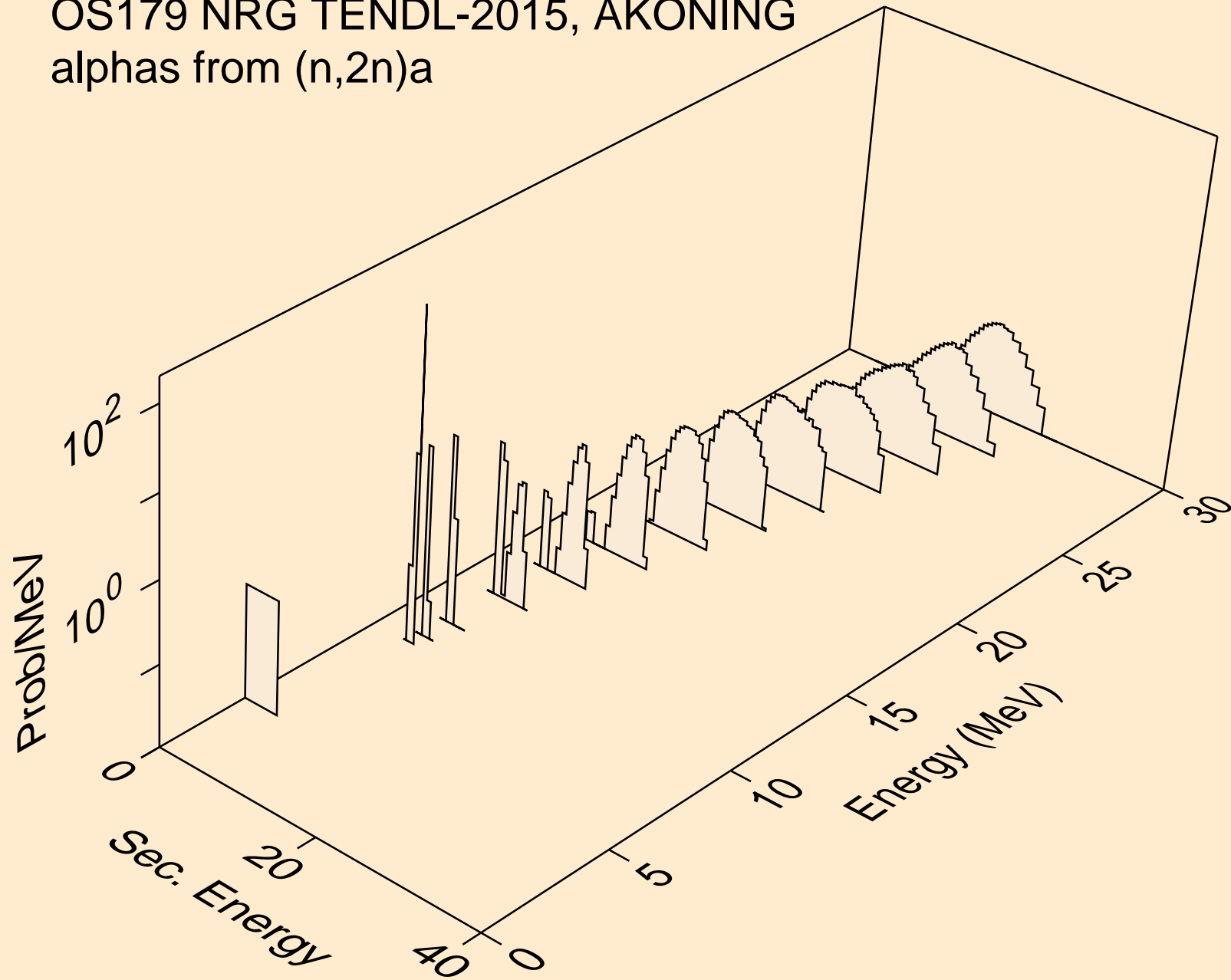
OS179 NRG TENDL-2015, AKONING  
alphas from (n,x)



OS179 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

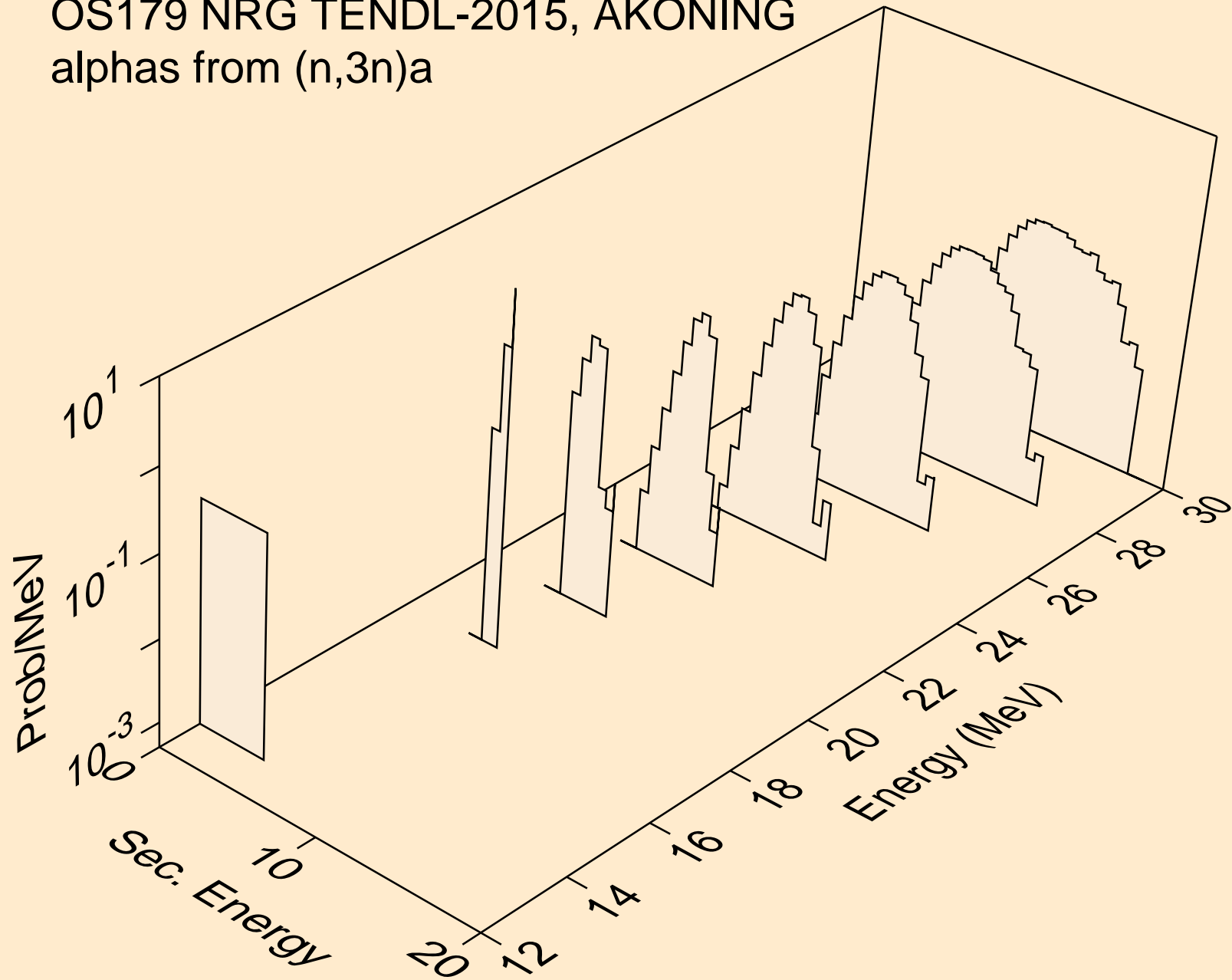


OS179 NRG TENDL-2015, AKONING  
alphas from (n,2n)a

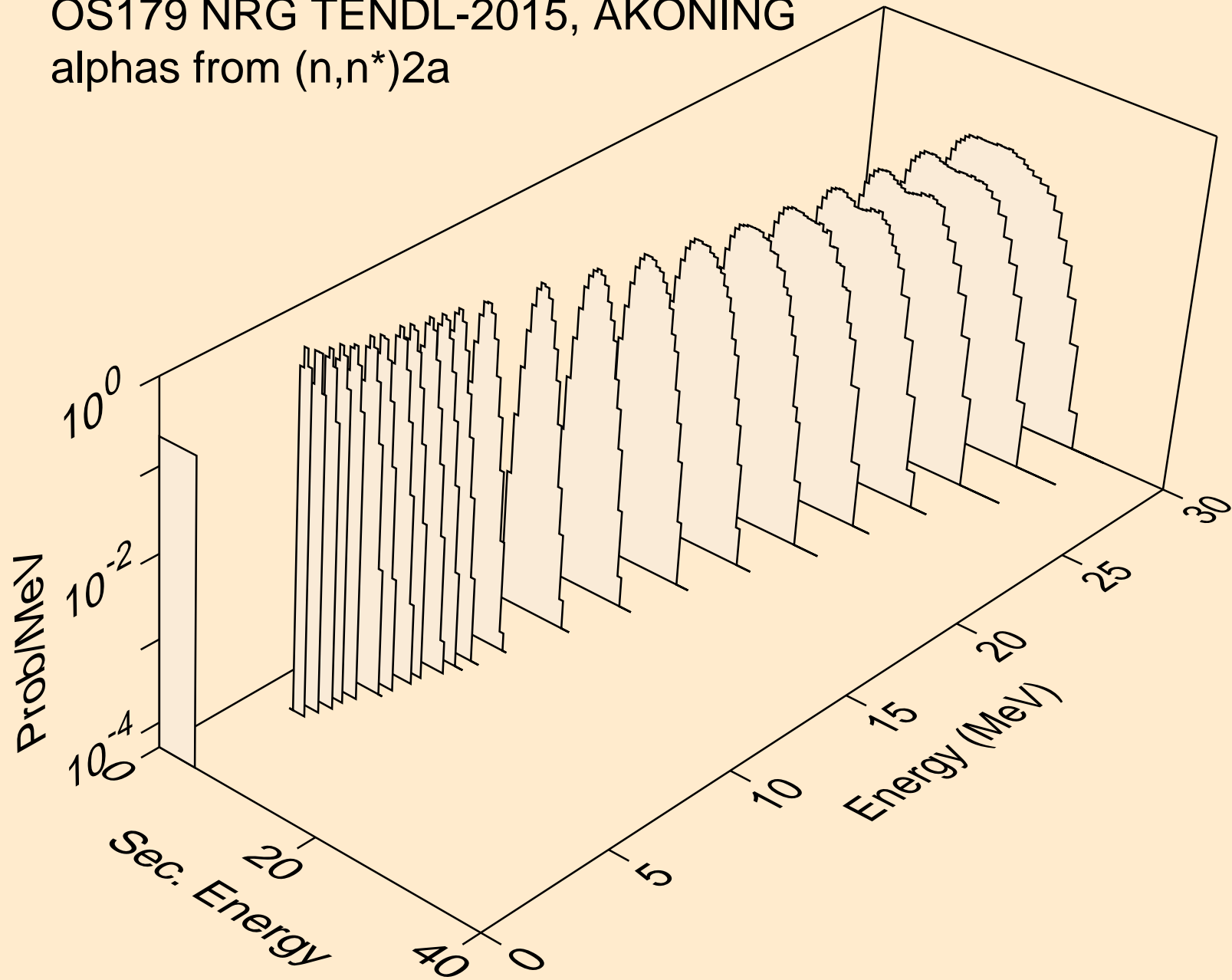




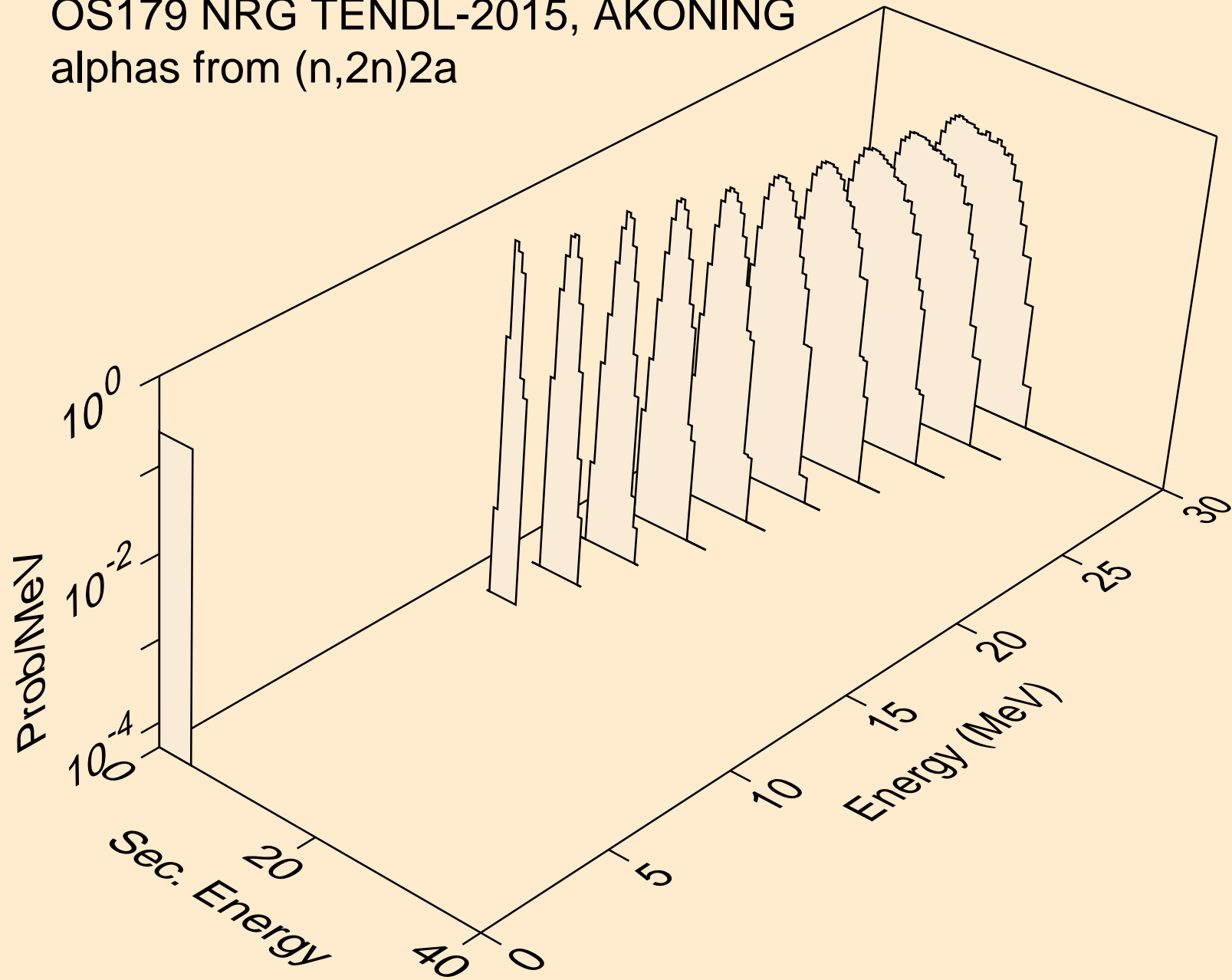
OS179 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



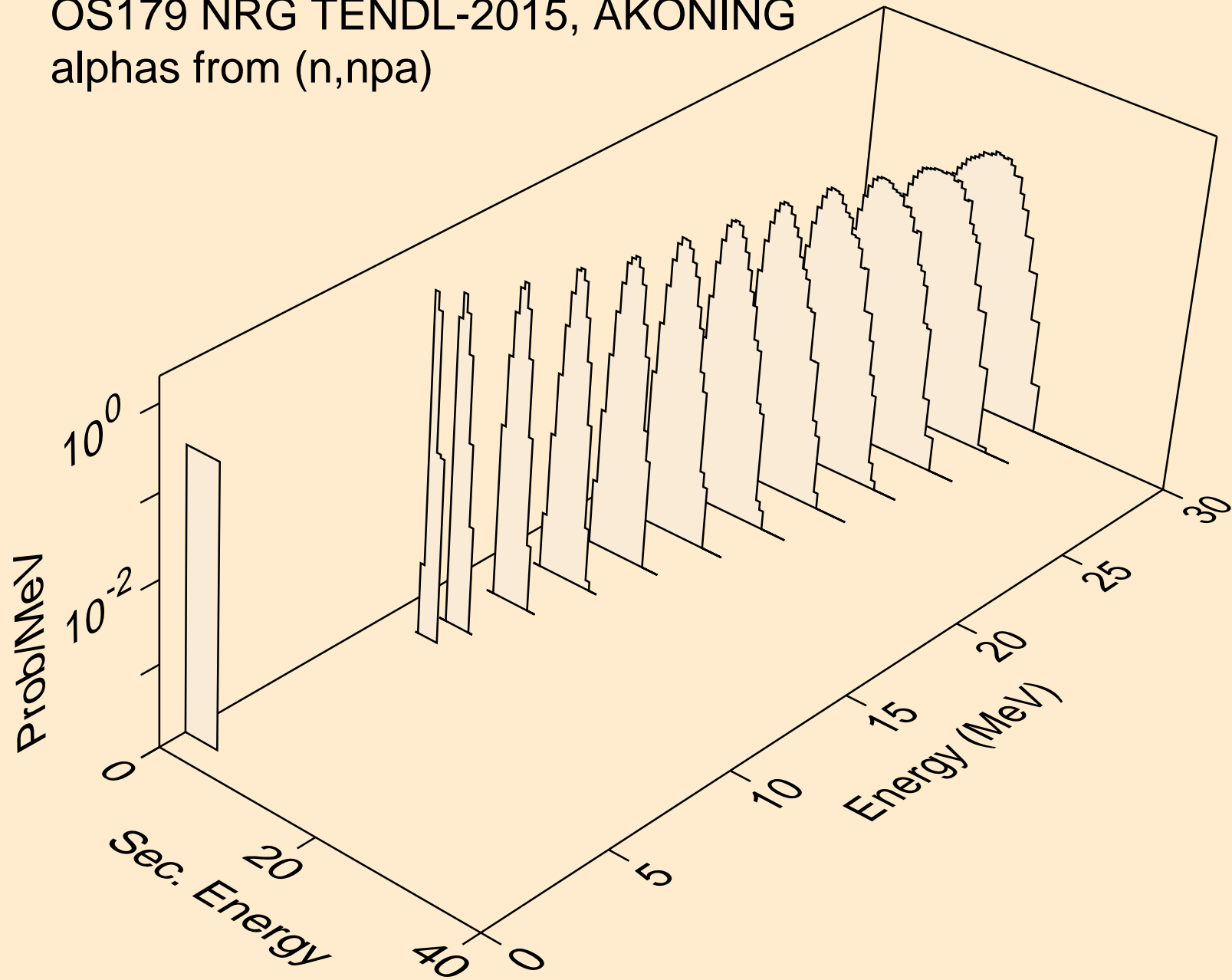
OS179 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



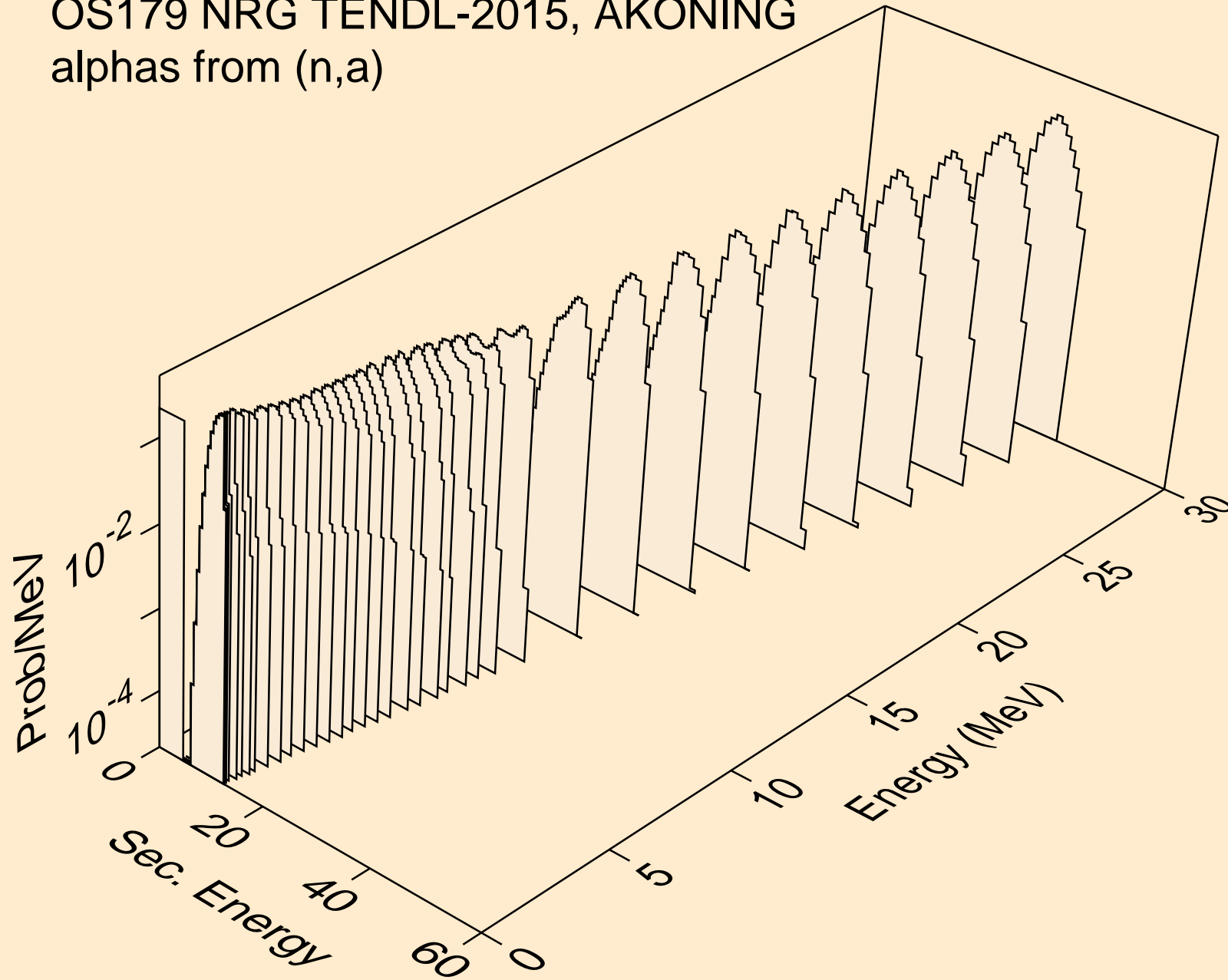
OS179 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



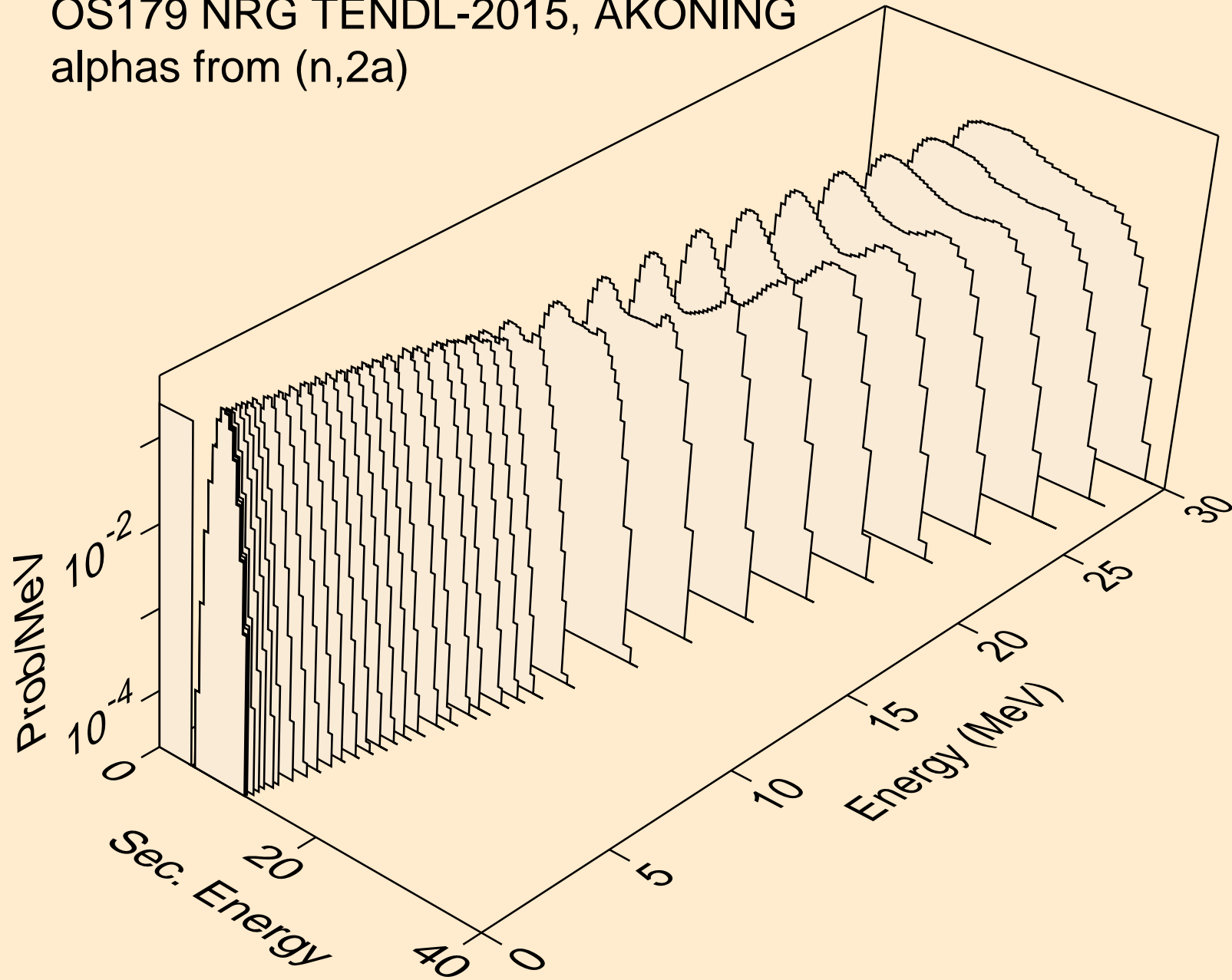
OS179 NRG TENDL-2015, AKONING  
alphas from (n,npa)



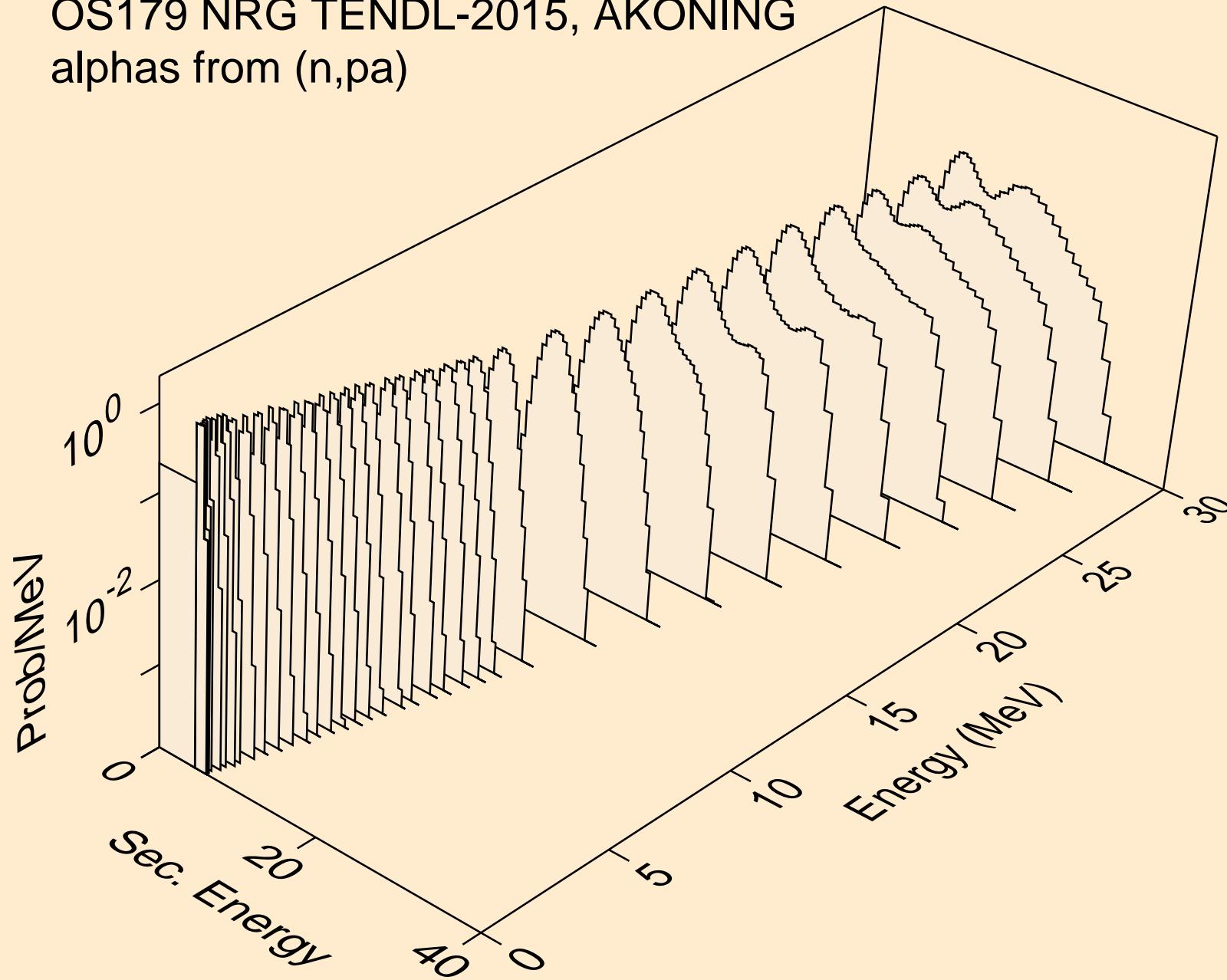
OS179 NRG TENDL-2015, AKONING  
alphas from (n,a)



OS179 NRG TENDL-2015, AKONING  
alphas from (n,2a)



OS179 NRG TENDL-2015, AKONING  
alphas from (n,pa)



OS179 NRG TENDL-2015, AKONING  
alphas from (n,da)

