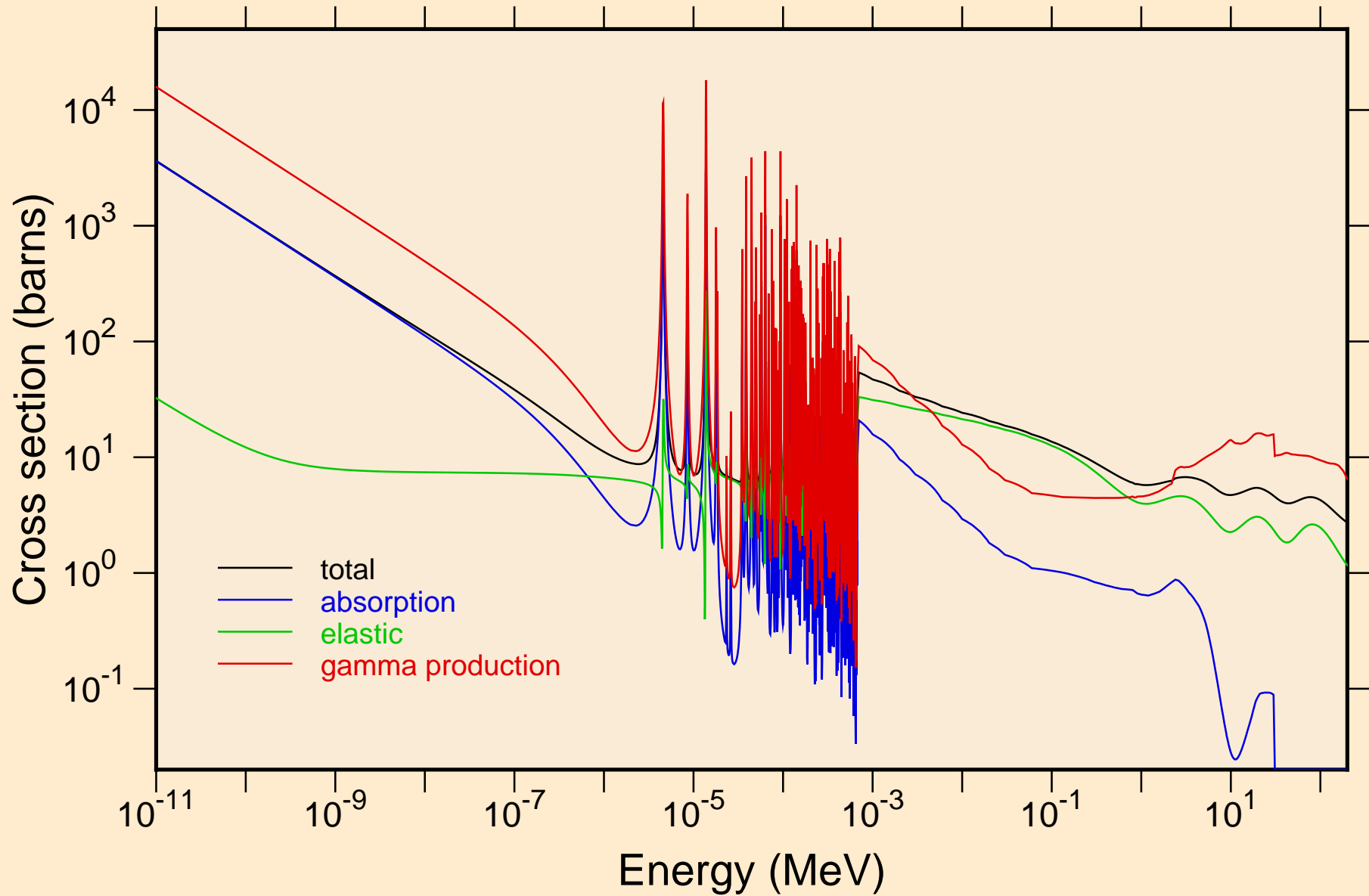
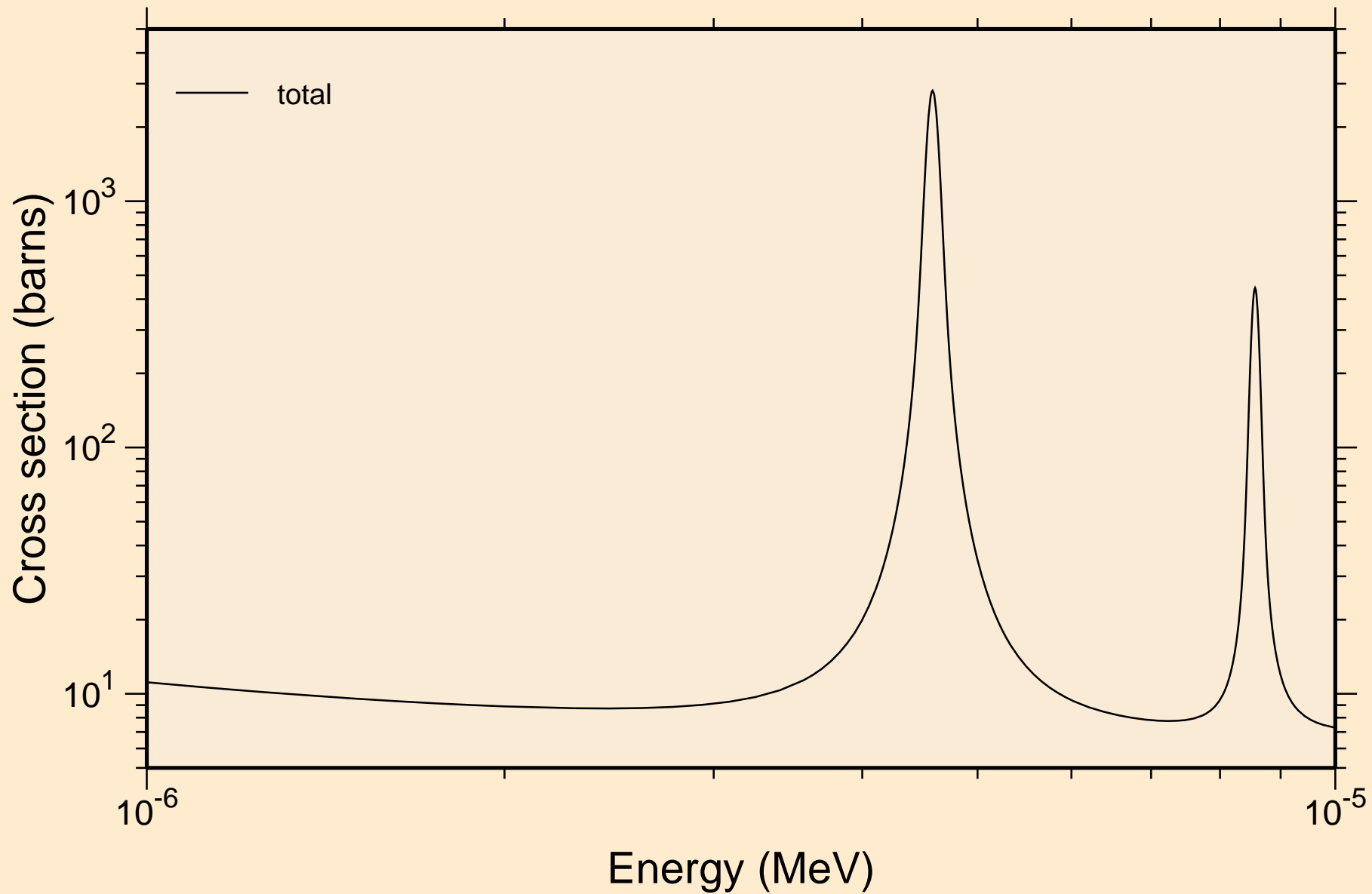


# OS180 NRG TENDL-2015, AKONING

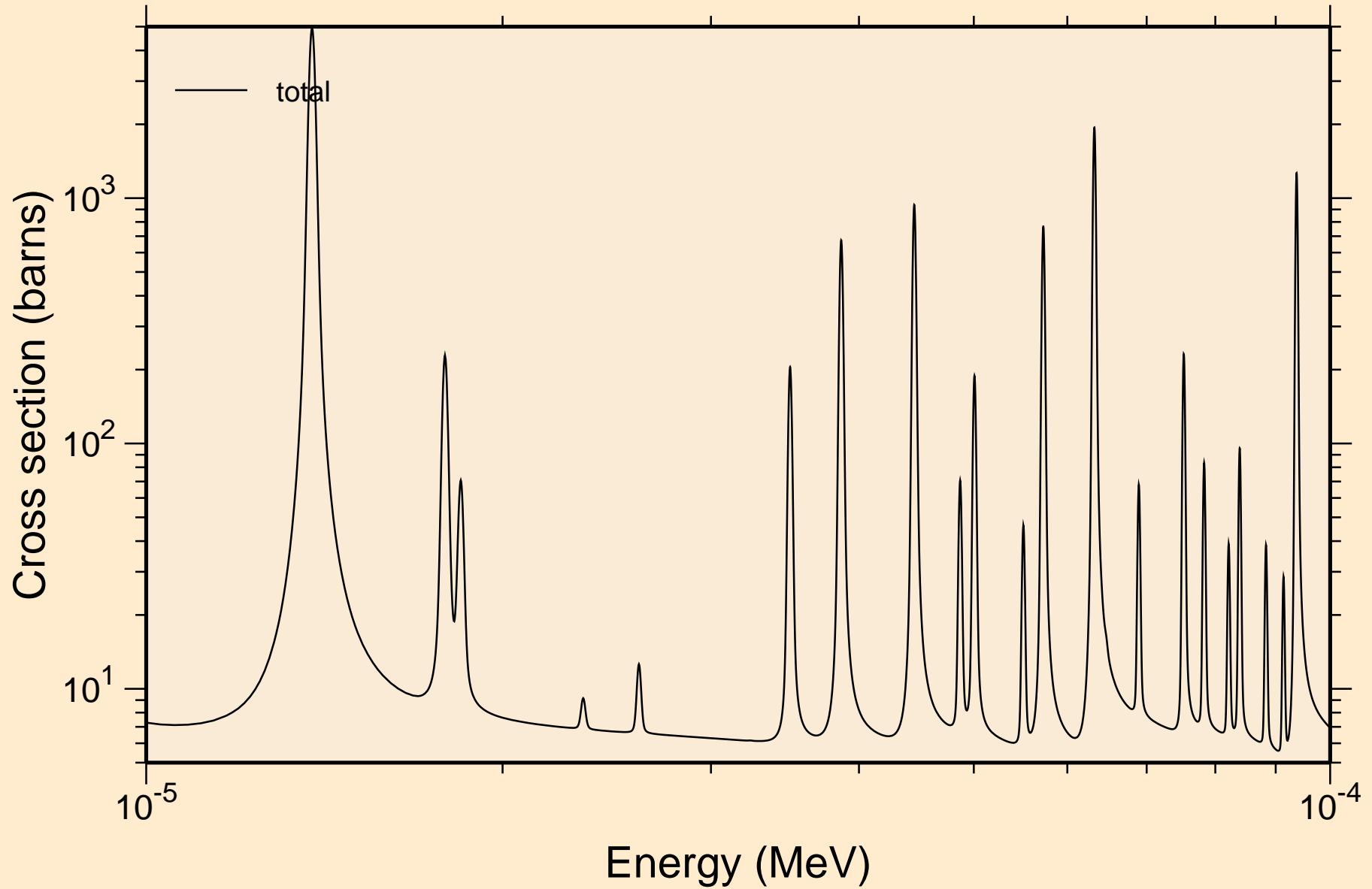
## Principal cross sections



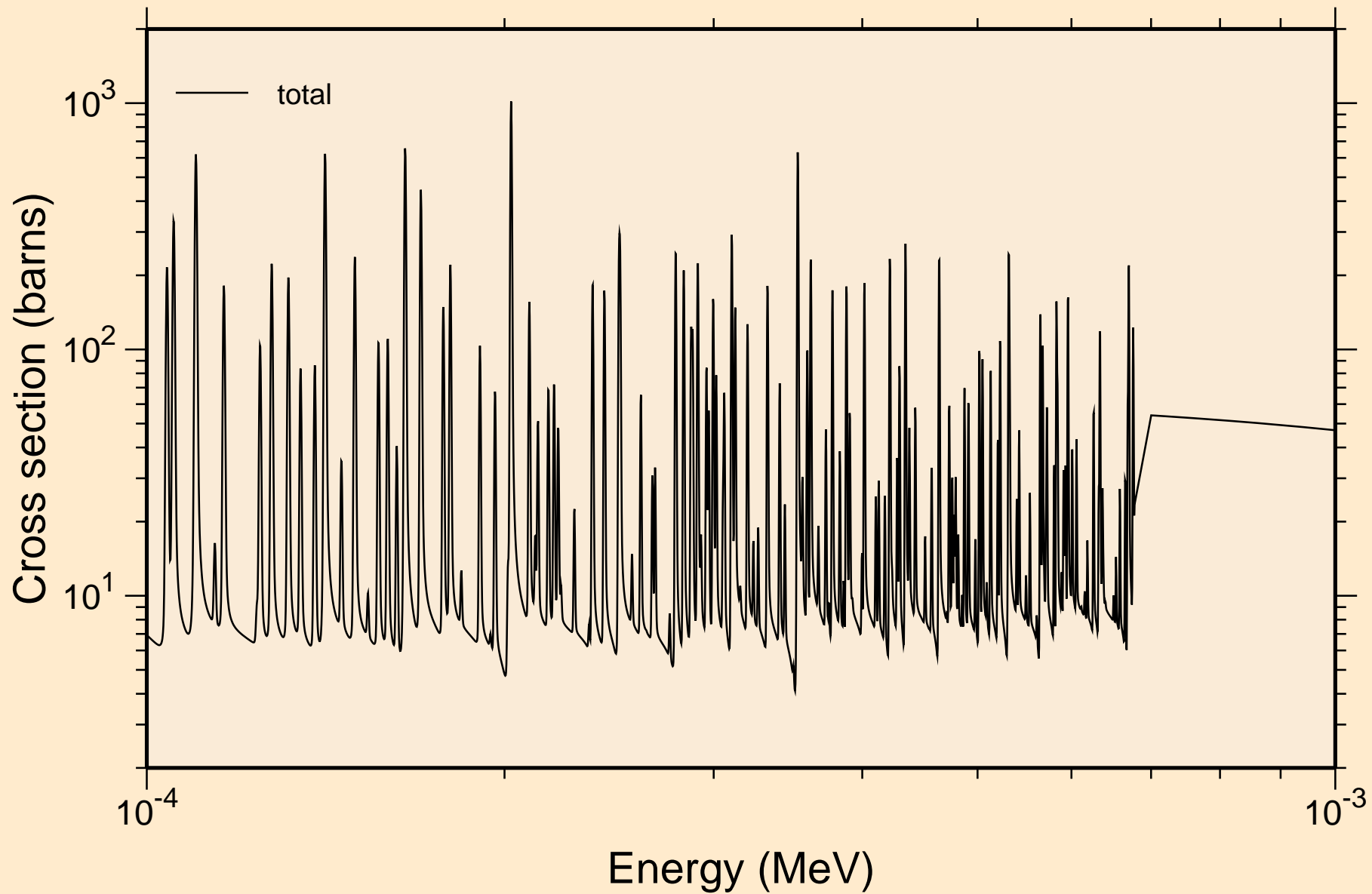
OS180 NRG TENDL-2015, AKONING  
resonance total cross section



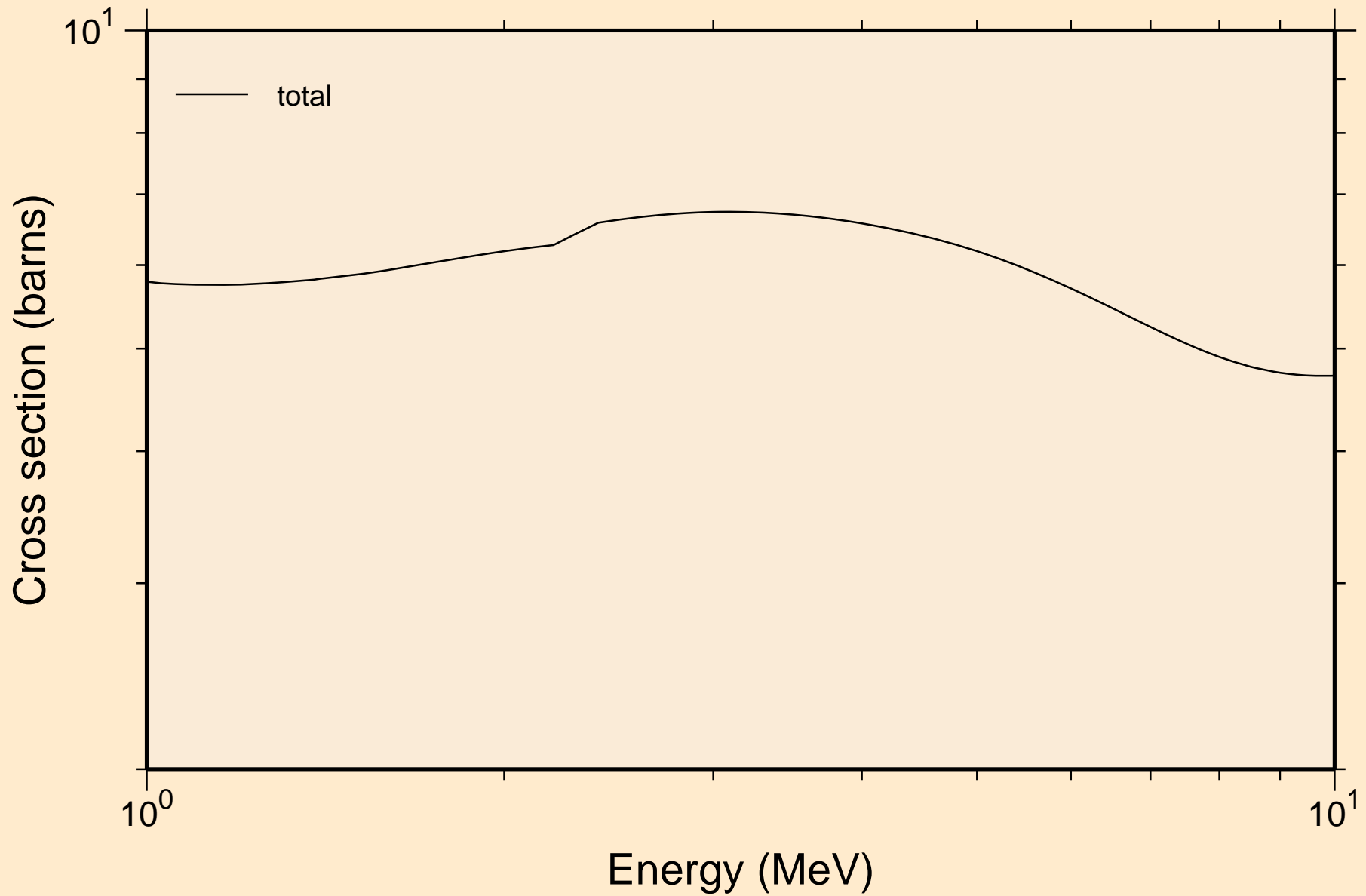
OS180 NRG TENDL-2015, AKONING  
resonance total cross section



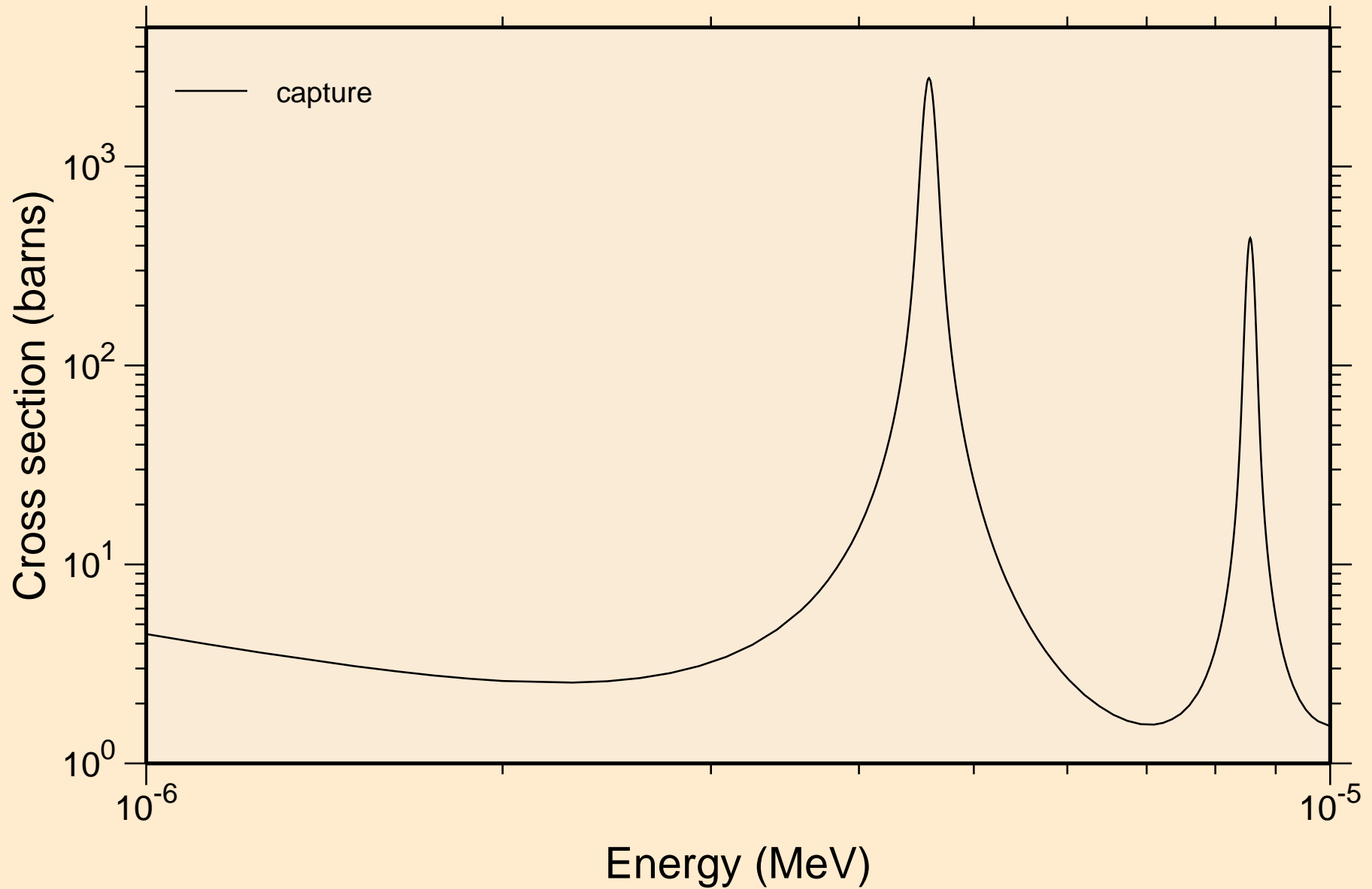
OS180 NRG TENDL-2015, AKONING  
resonance total cross section



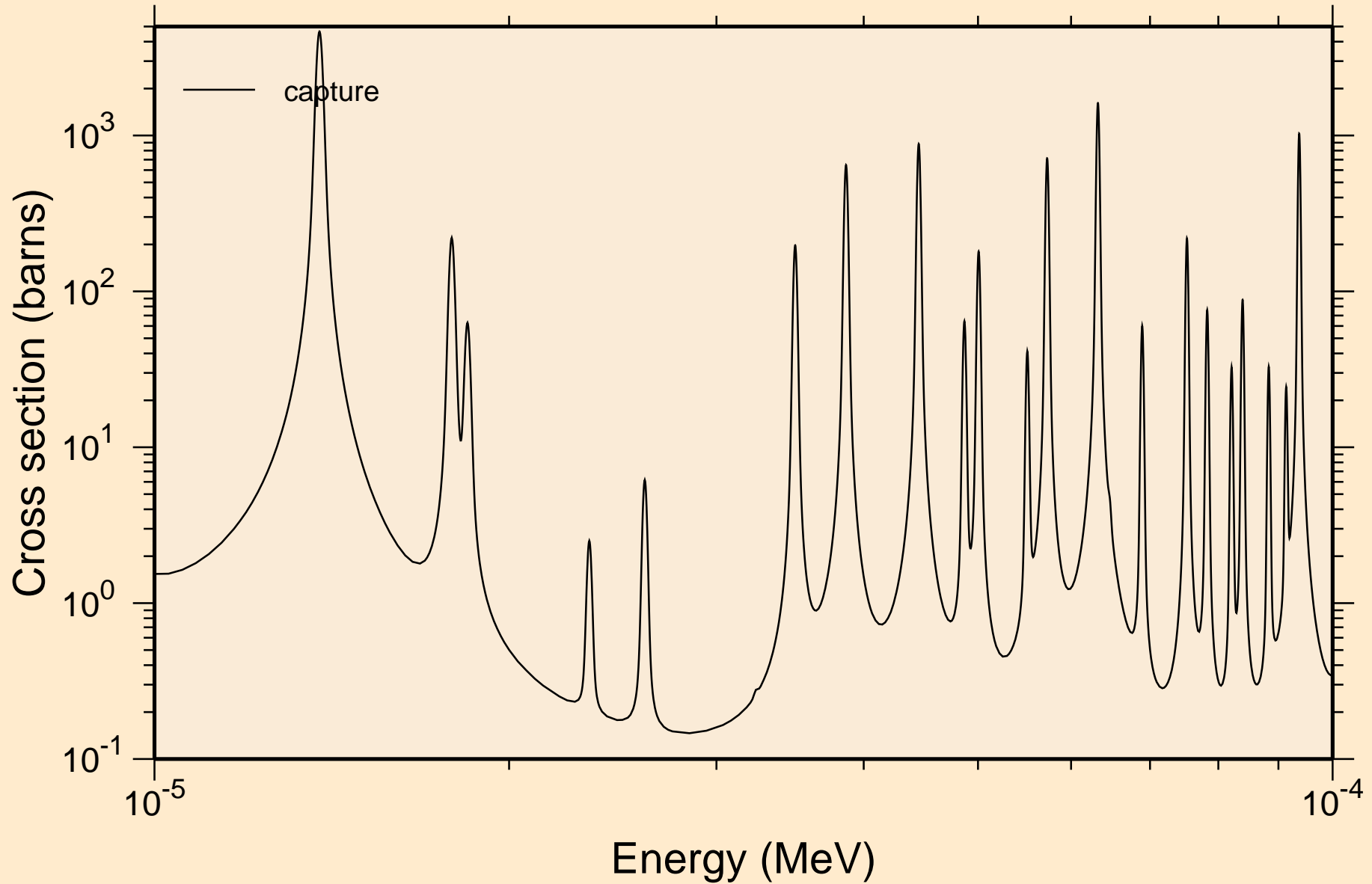
OS180 NRG TENDL-2015, AKONING  
resonance total cross section



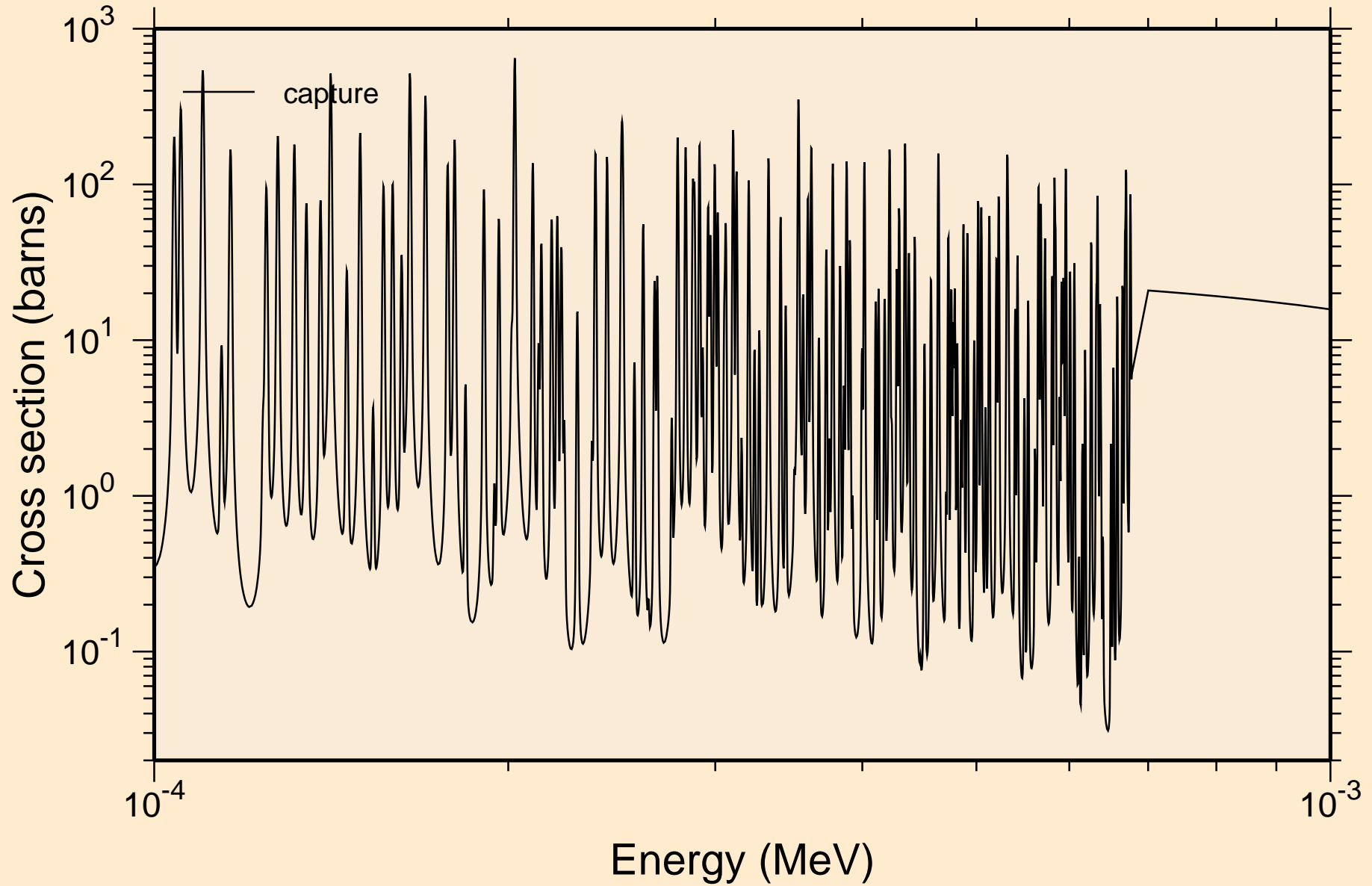
OS180 NRG TENDL-2015, AKONING  
resonance absorption cross sections



OS180 NRG TENDL-2015, AKONING  
resonance absorption cross sections

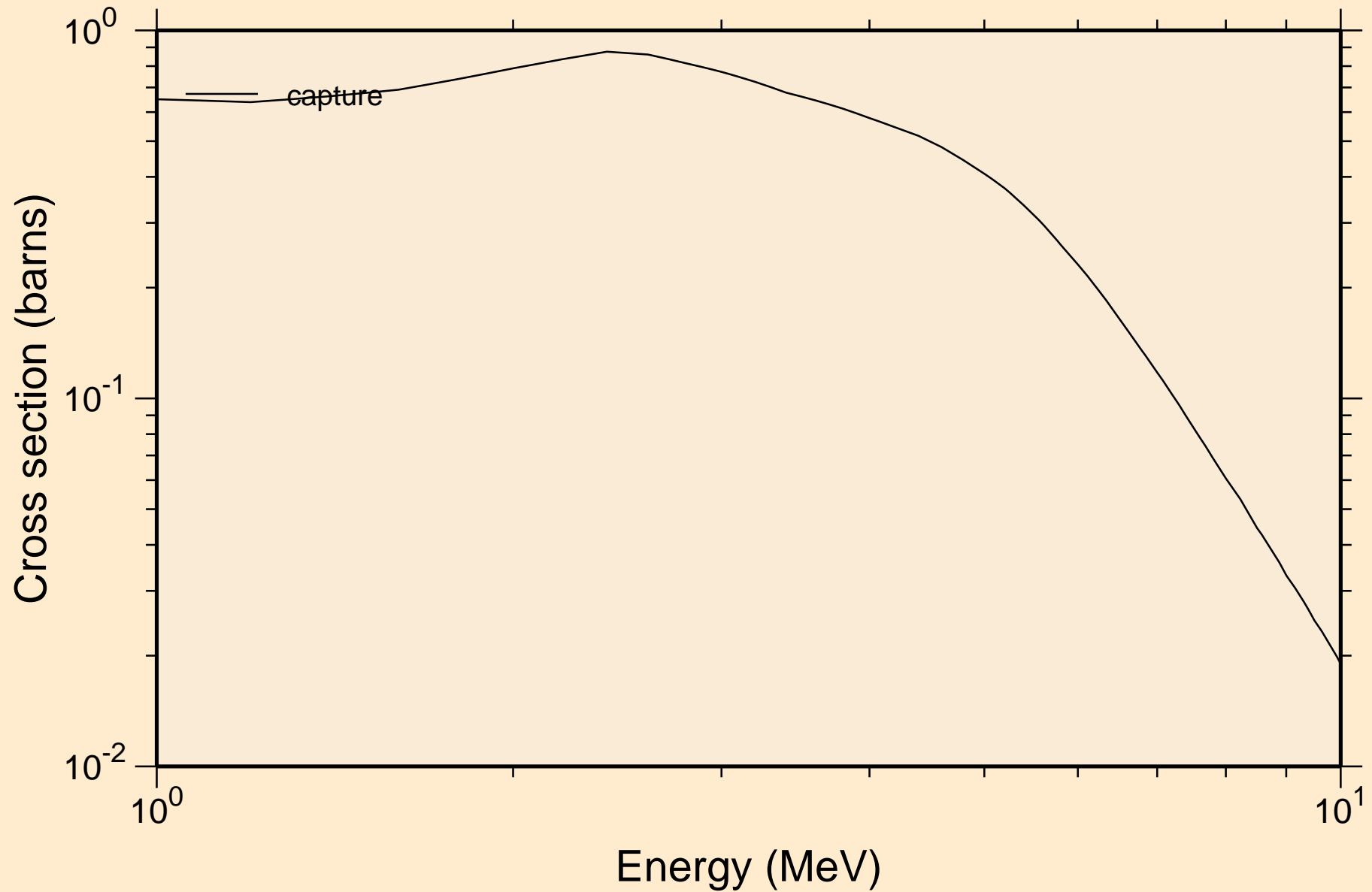


OS180 NRG TENDL-2015, AKONING  
resonance absorption cross sections



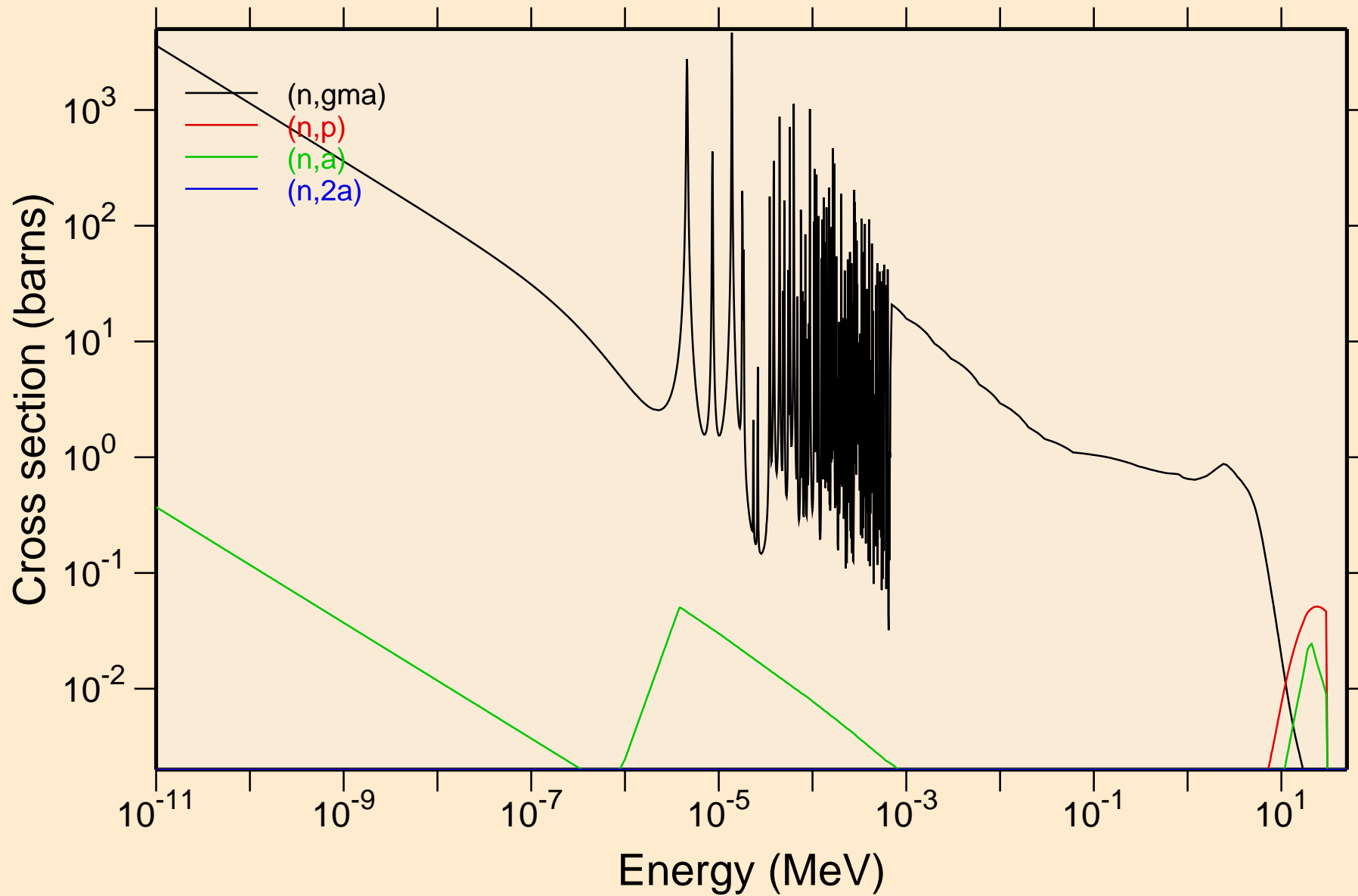


OS180 NRG TENDL-2015, AKONING  
resonance absorption cross sections



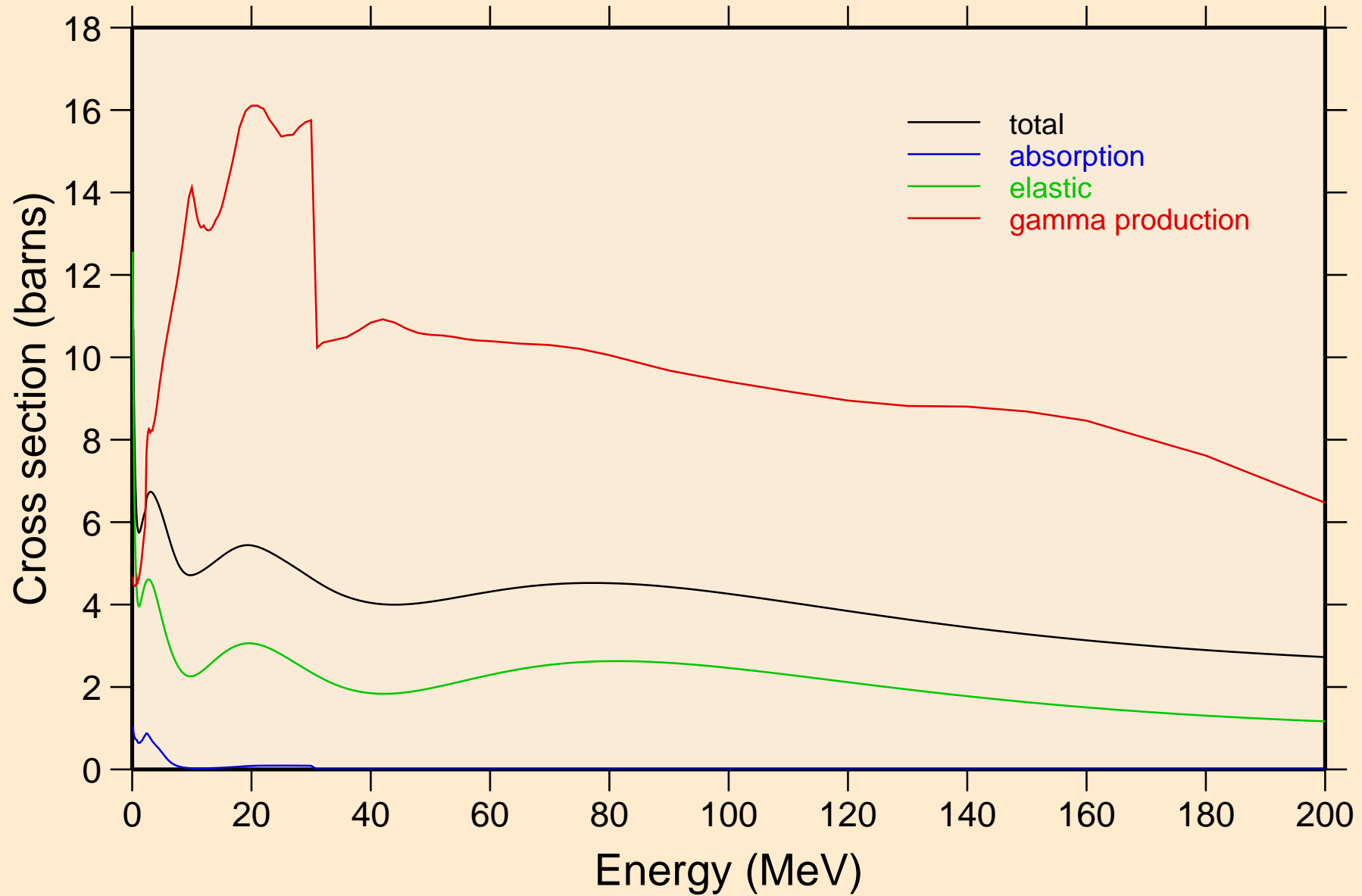
# OS180 NRG TENDL-2015, AKONING

## Non-threshold reactions



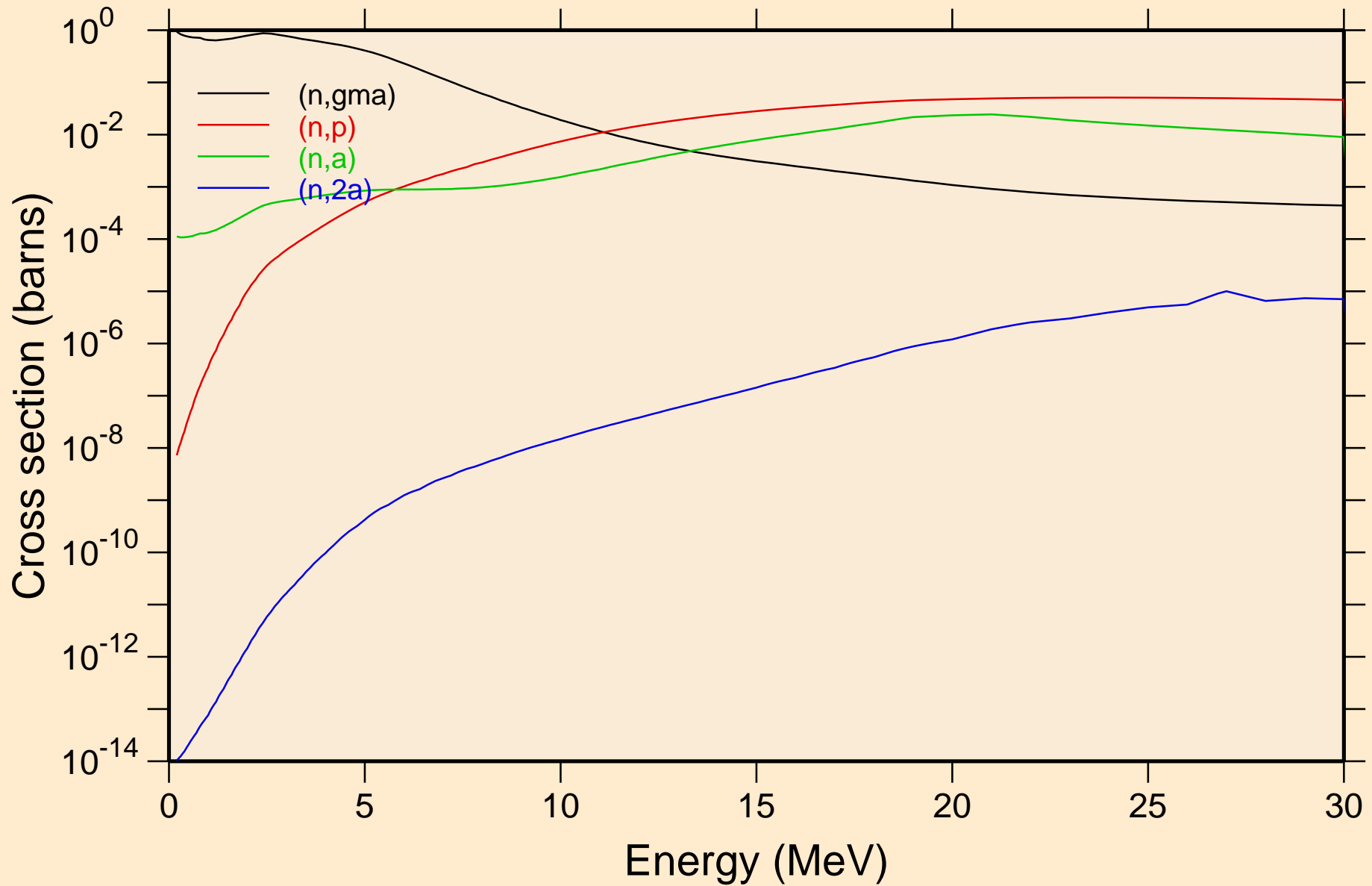
# OS180 NRG TENDL-2015, AKONING

## Principal cross sections

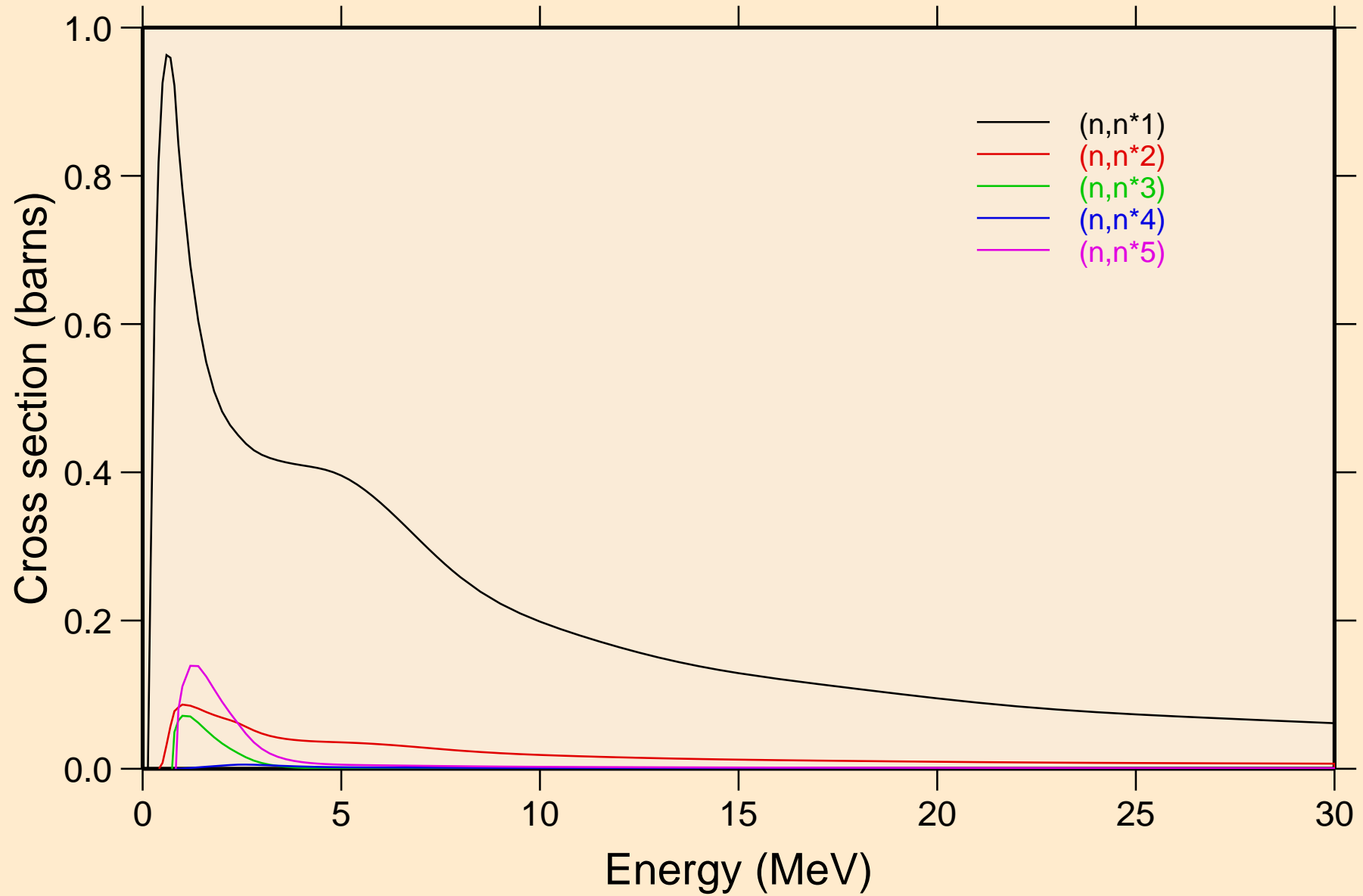


# OS180 NRG TENDL-2015, AKONING

## Non-threshold reactions

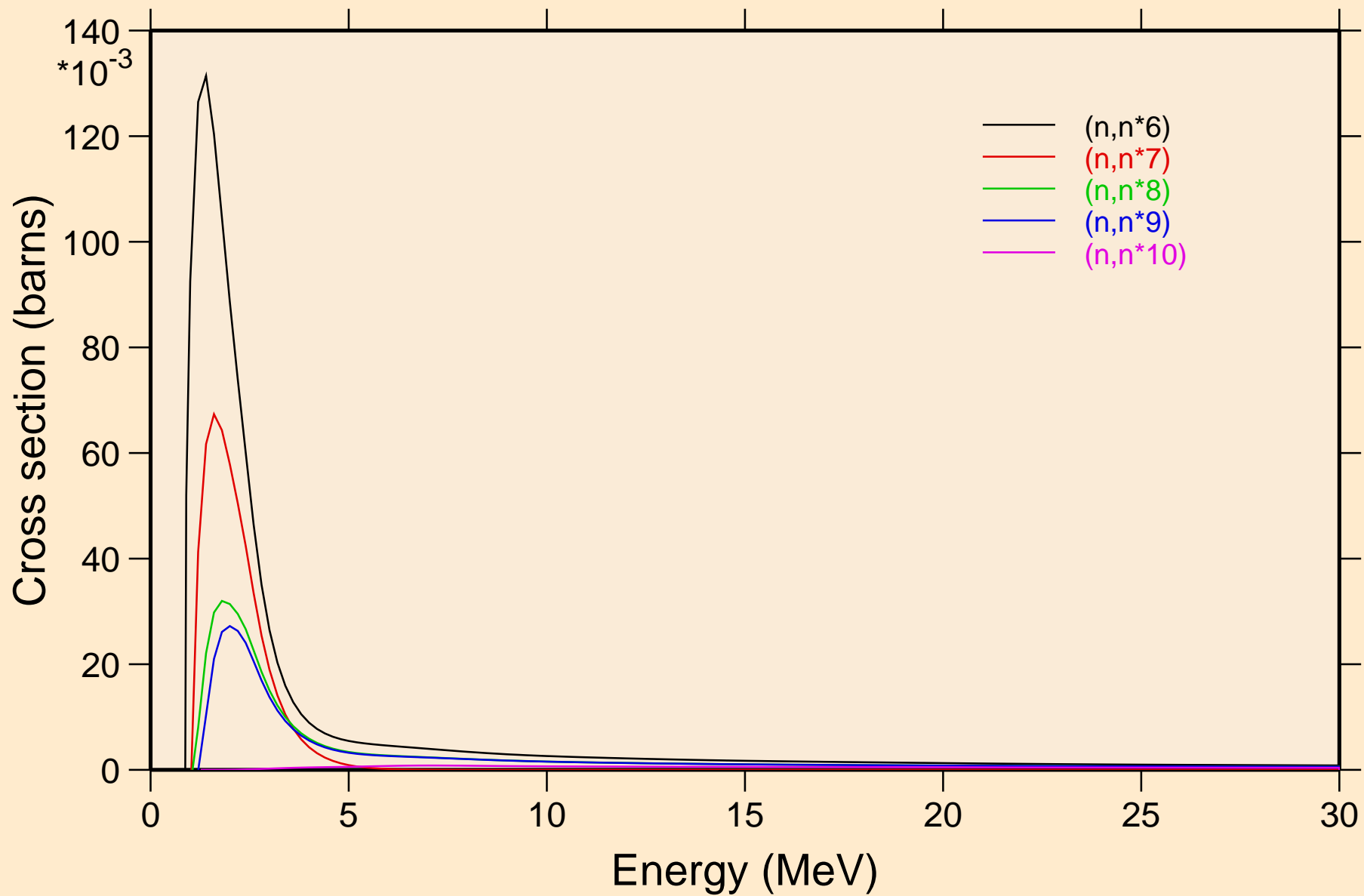


OS180 NRG TENDL-2015, AKONING  
Inelastic levels



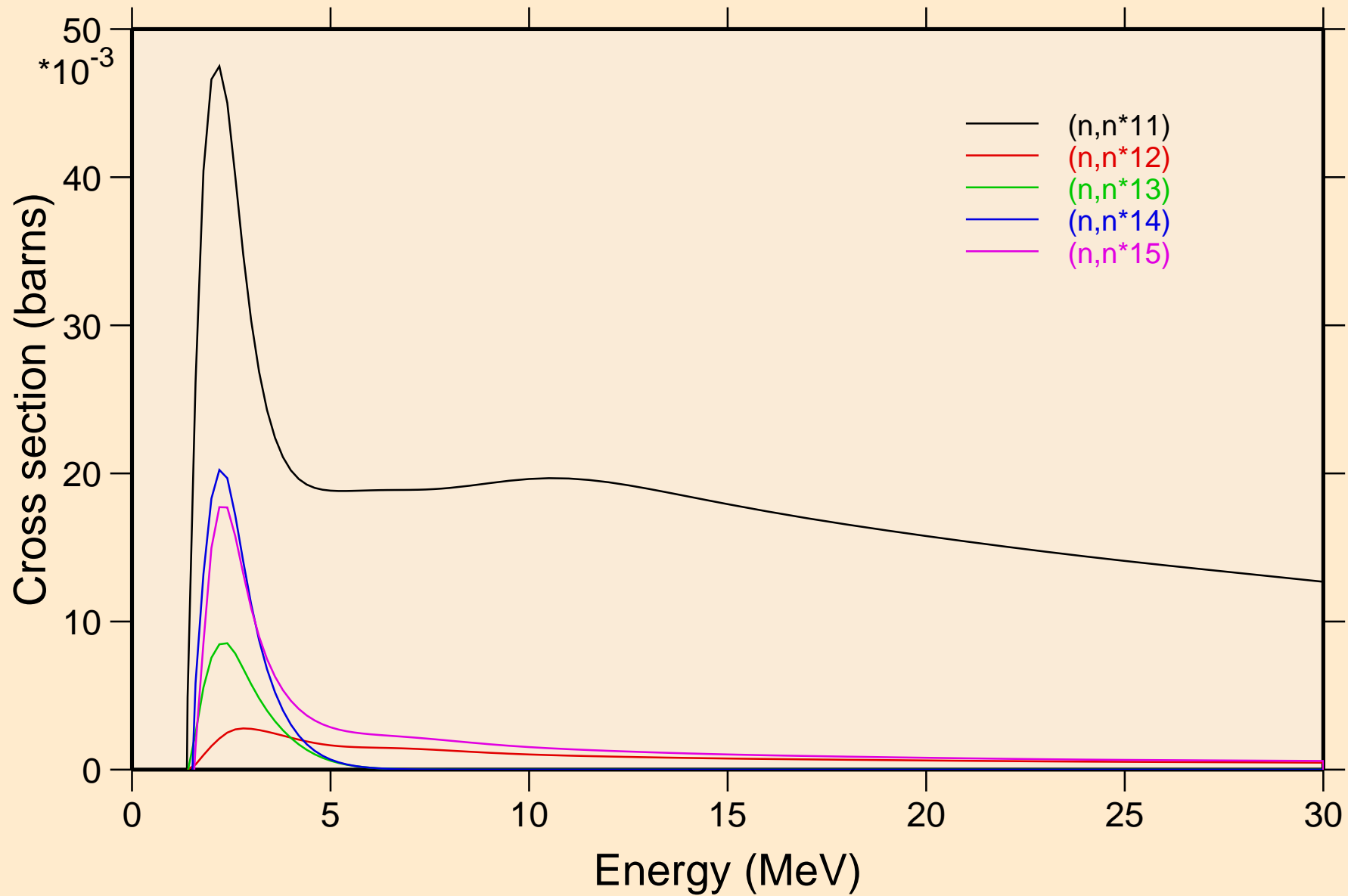
# OS180 NRG TENDL-2015, AKONING

## Inelastic levels



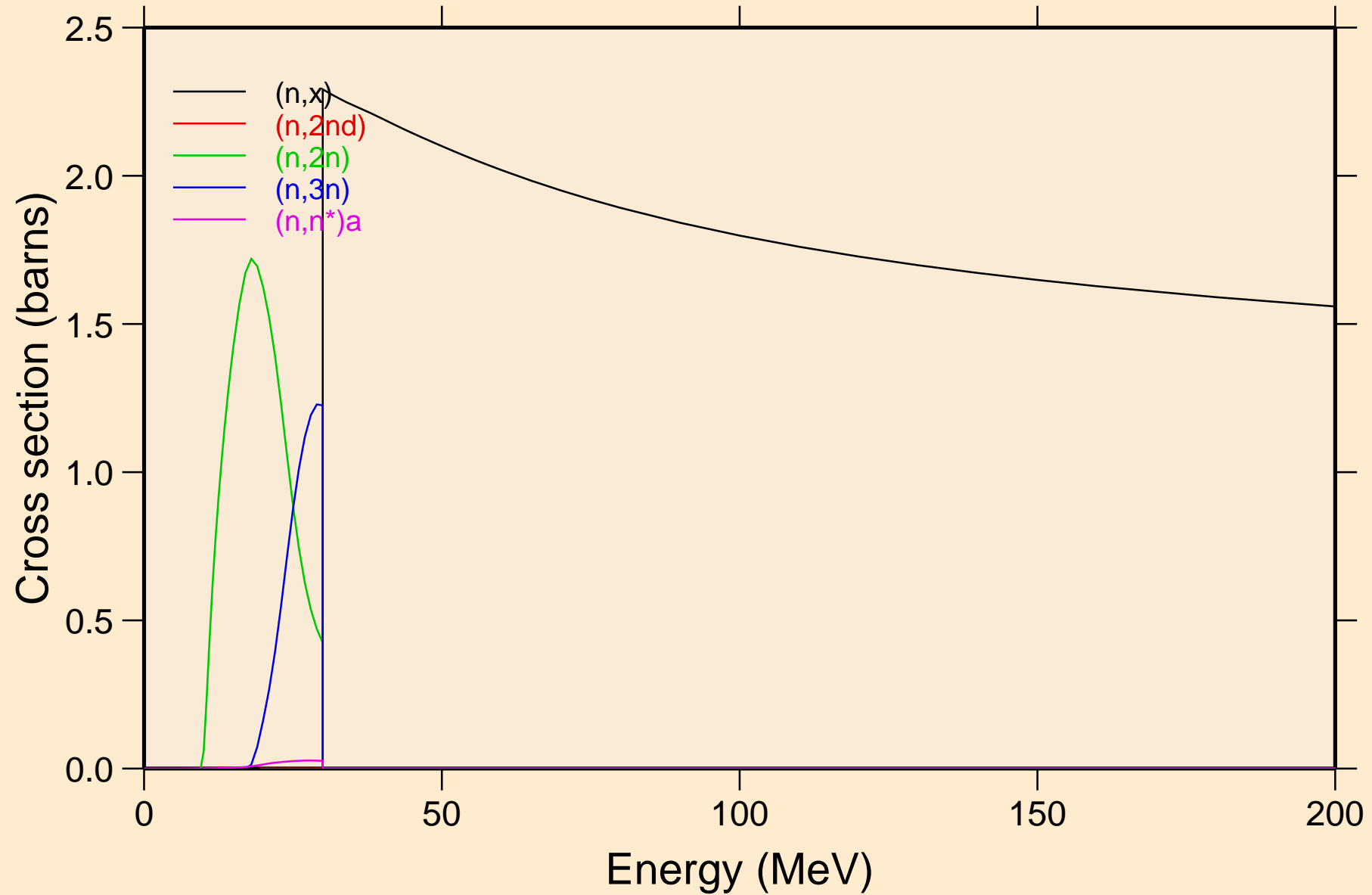
# OS180 NRG TENDL-2015, AKONING

## Inelastic levels



# OS180 NRG TENDL-2015, AKONING

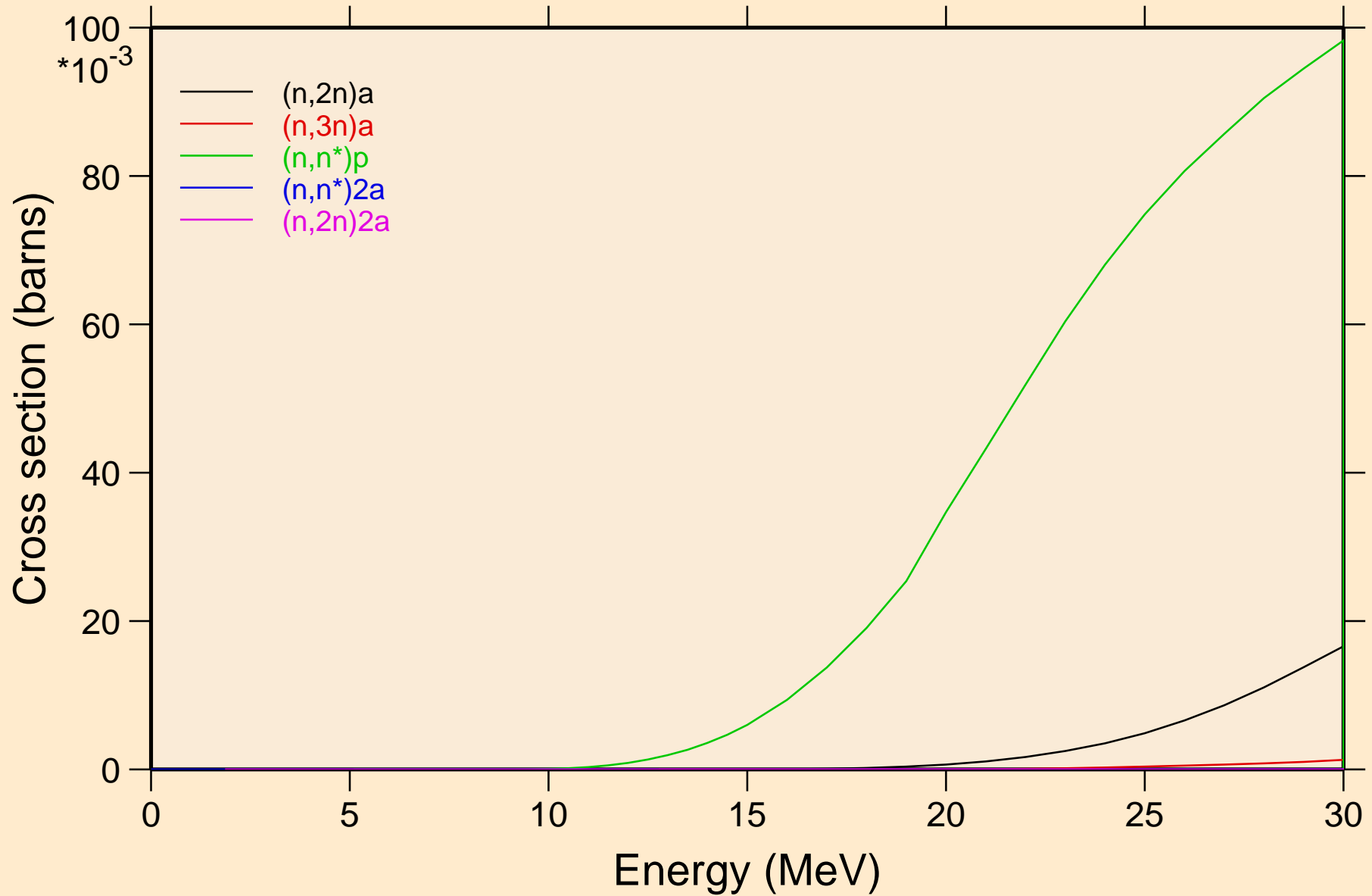
## Threshold reactions





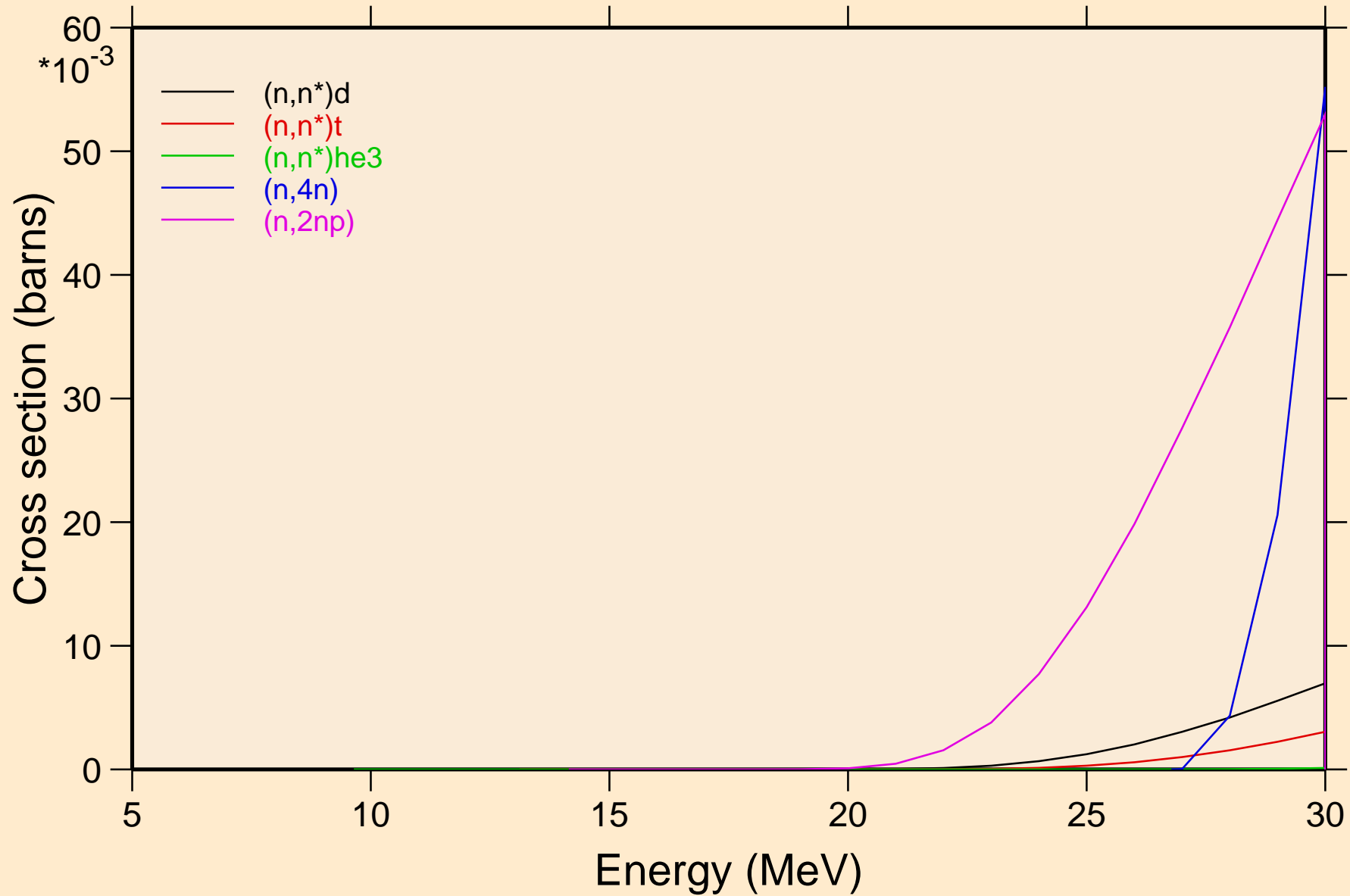
# OS180 NRG TENDL-2015, AKONING

## Threshold reactions



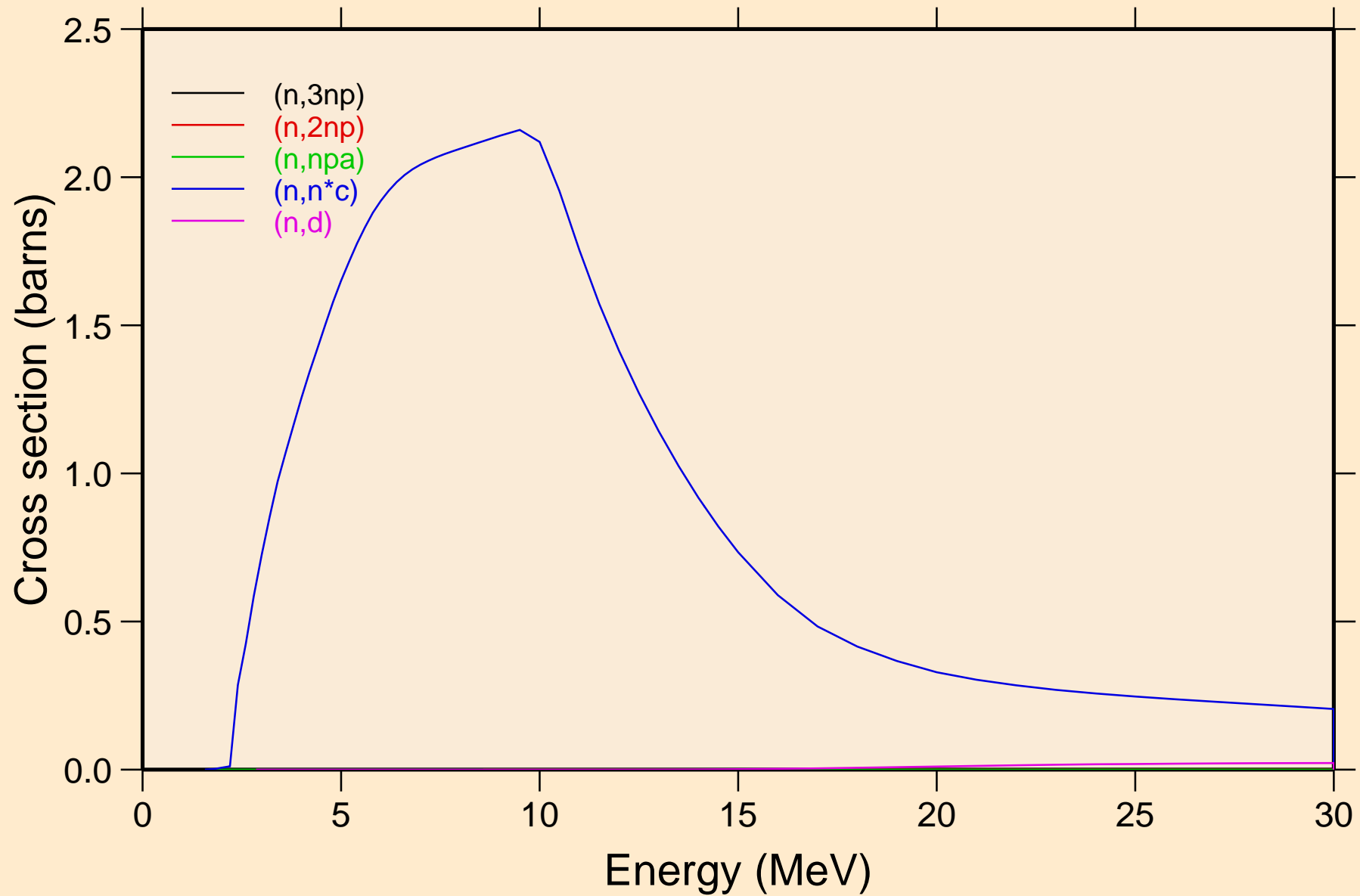
# OS180 NRG TENDL-2015, AKONING

## Threshold reactions



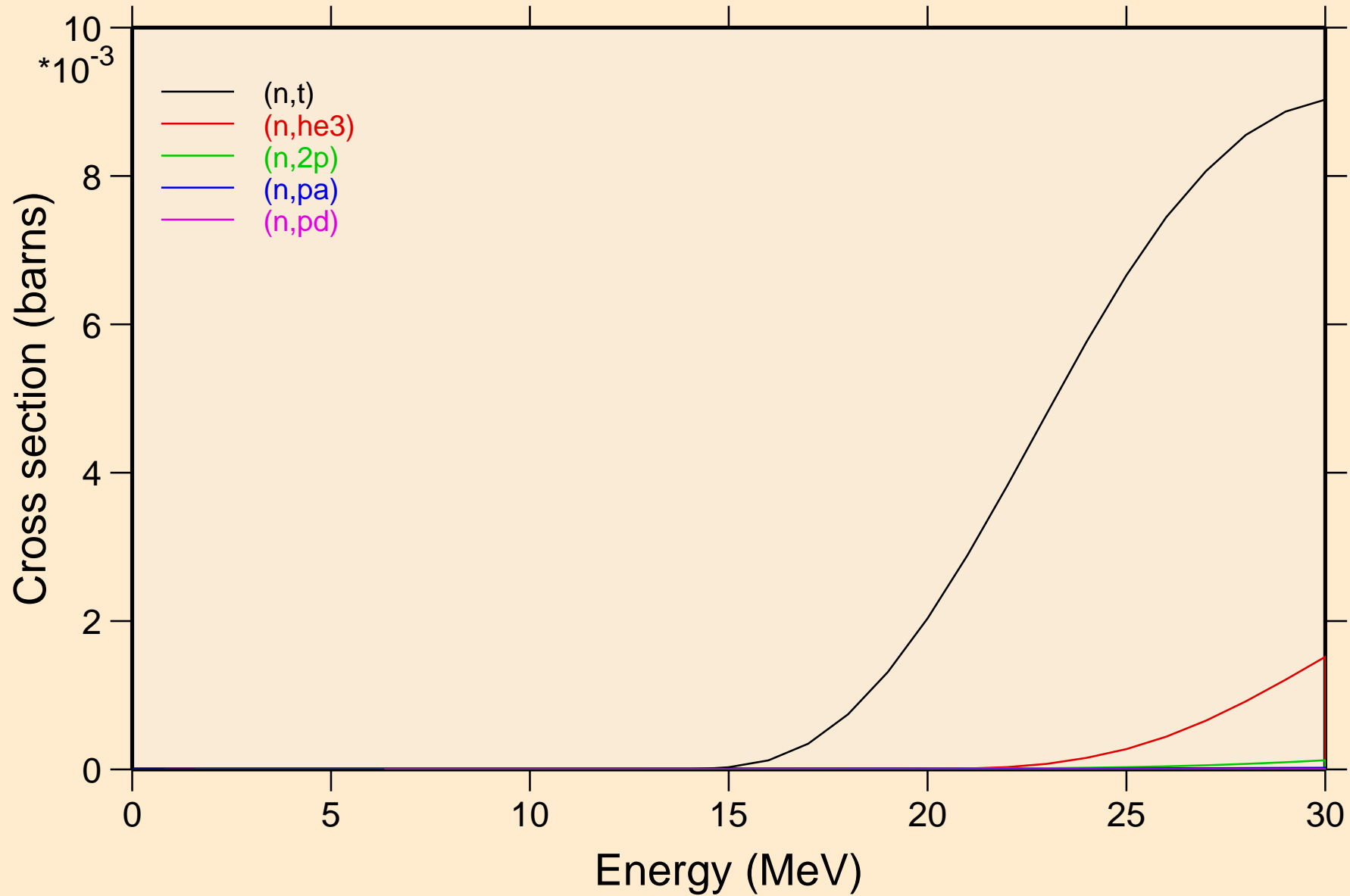
# OS180 NRG TENDL-2015, AKONING

## Threshold reactions



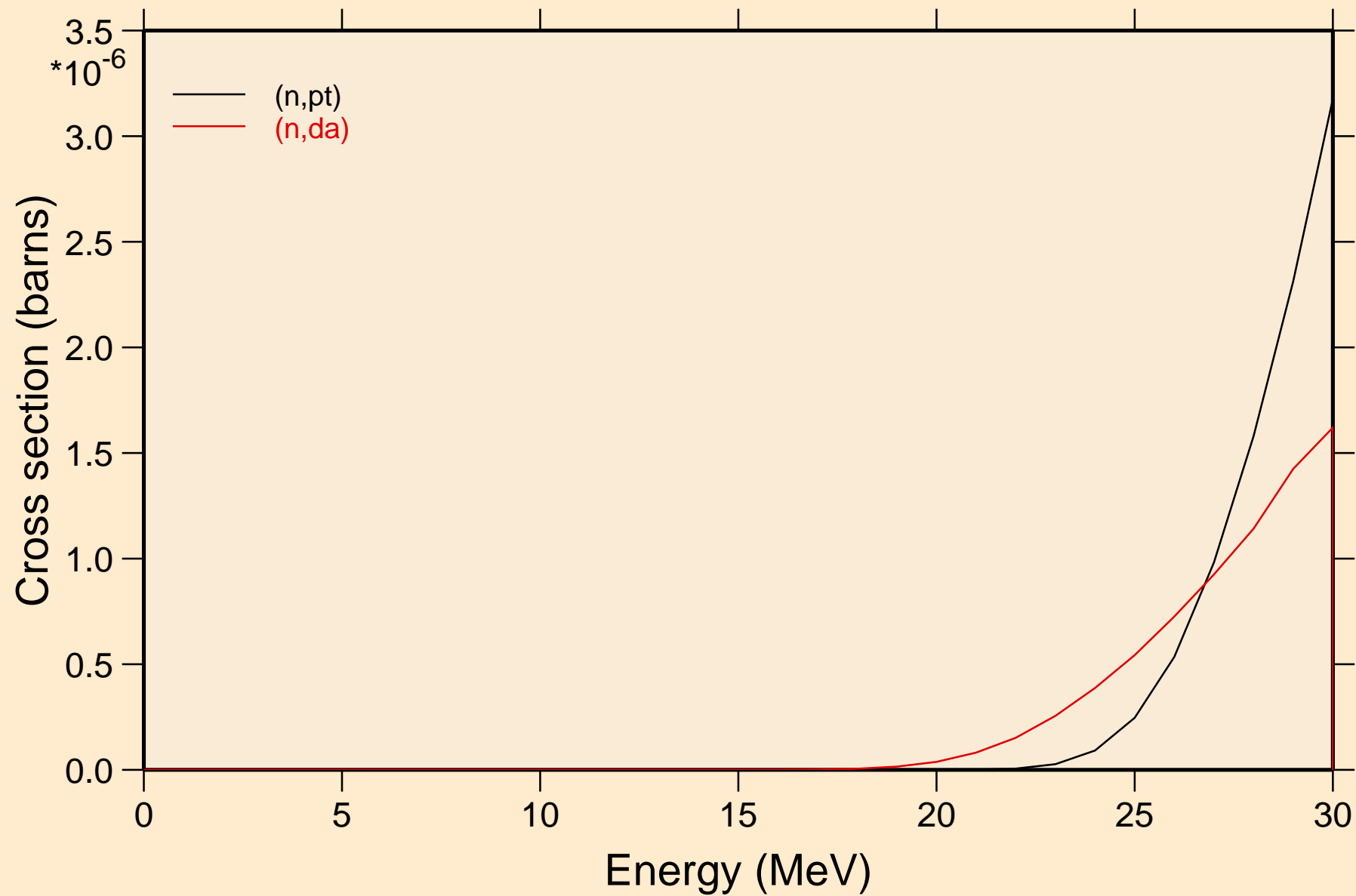
# OS180 NRG TENDL-2015, AKONING

## Threshold reactions

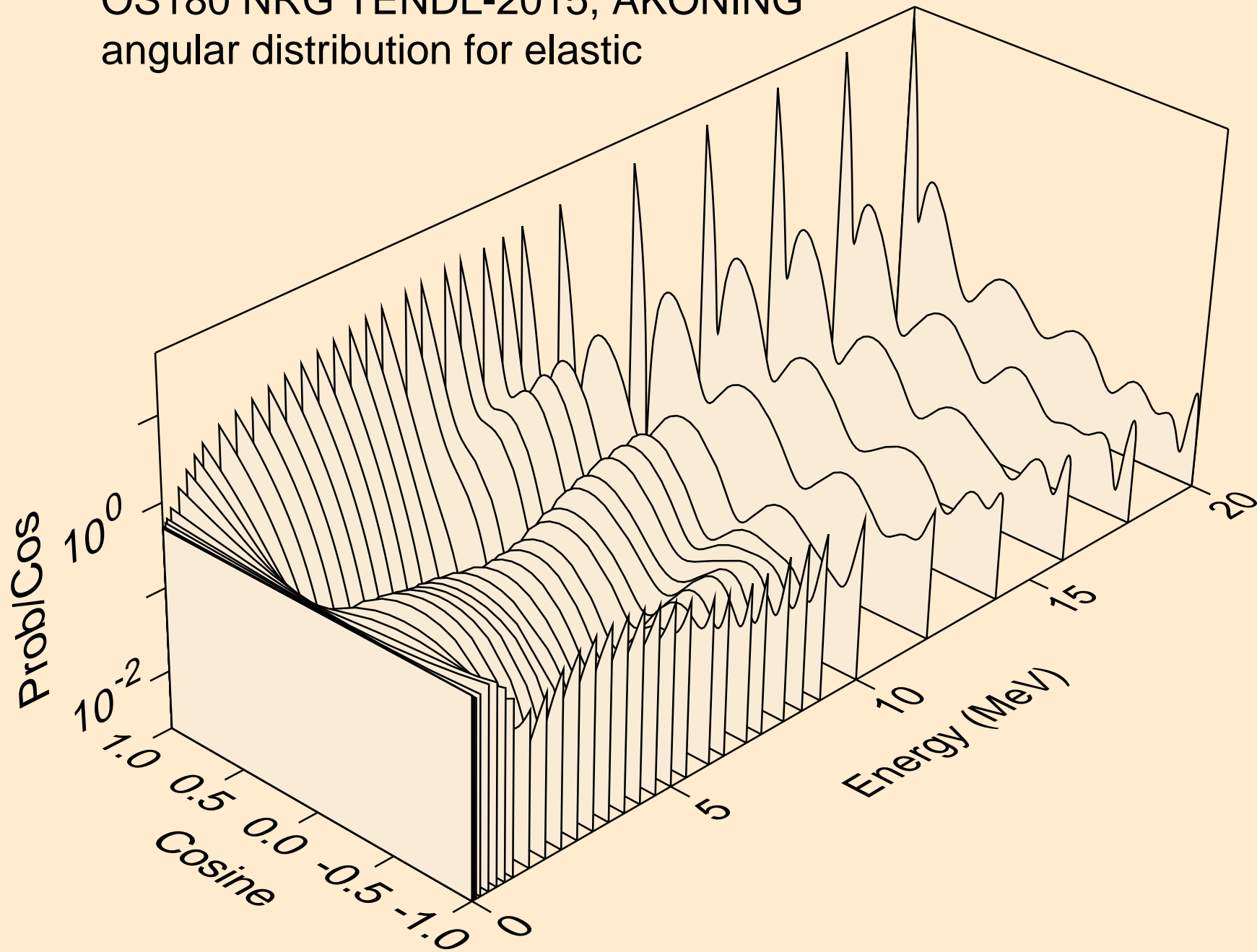


# OS180 NRG TENDL-2015, AKONING

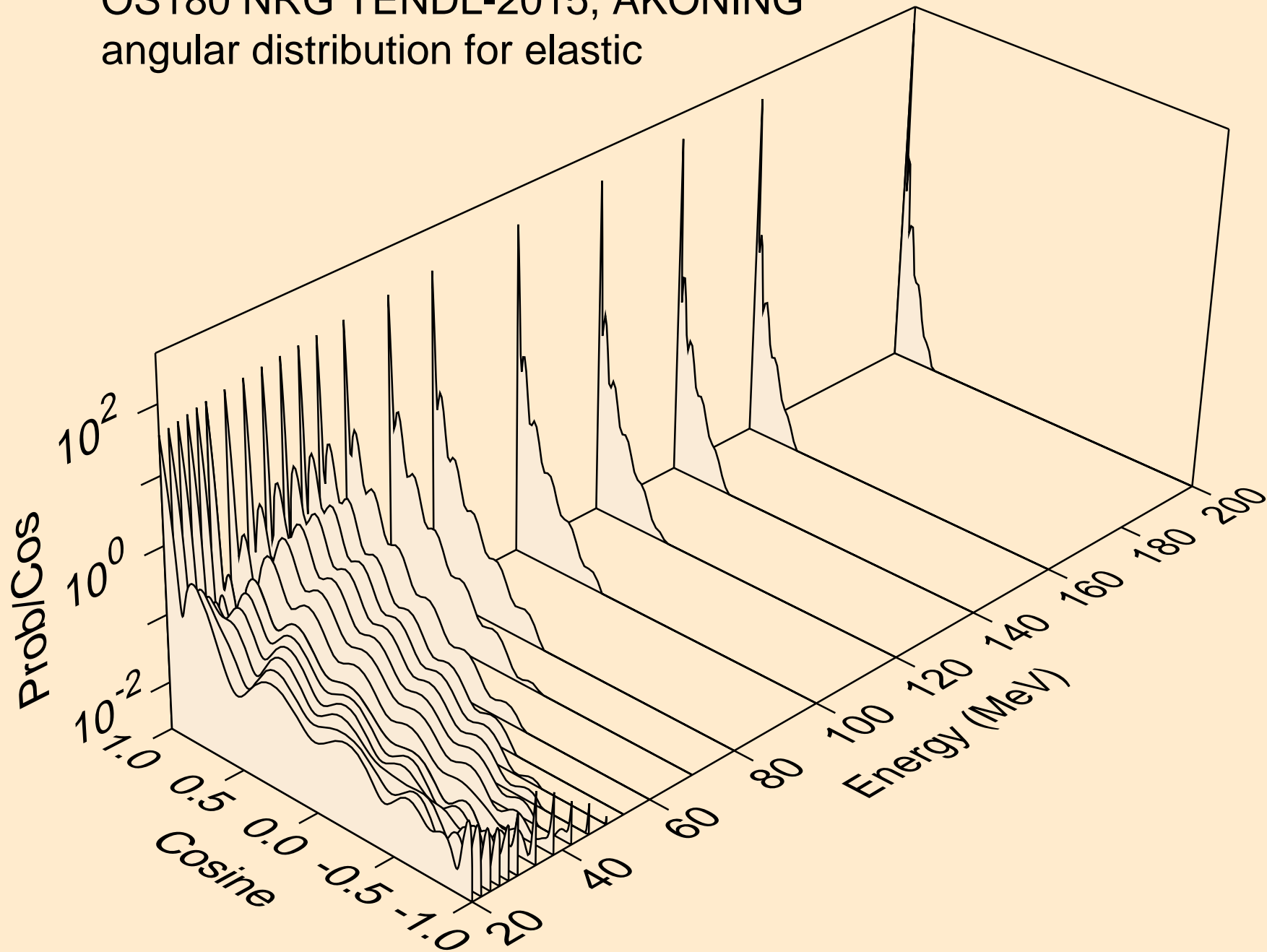
## Threshold reactions



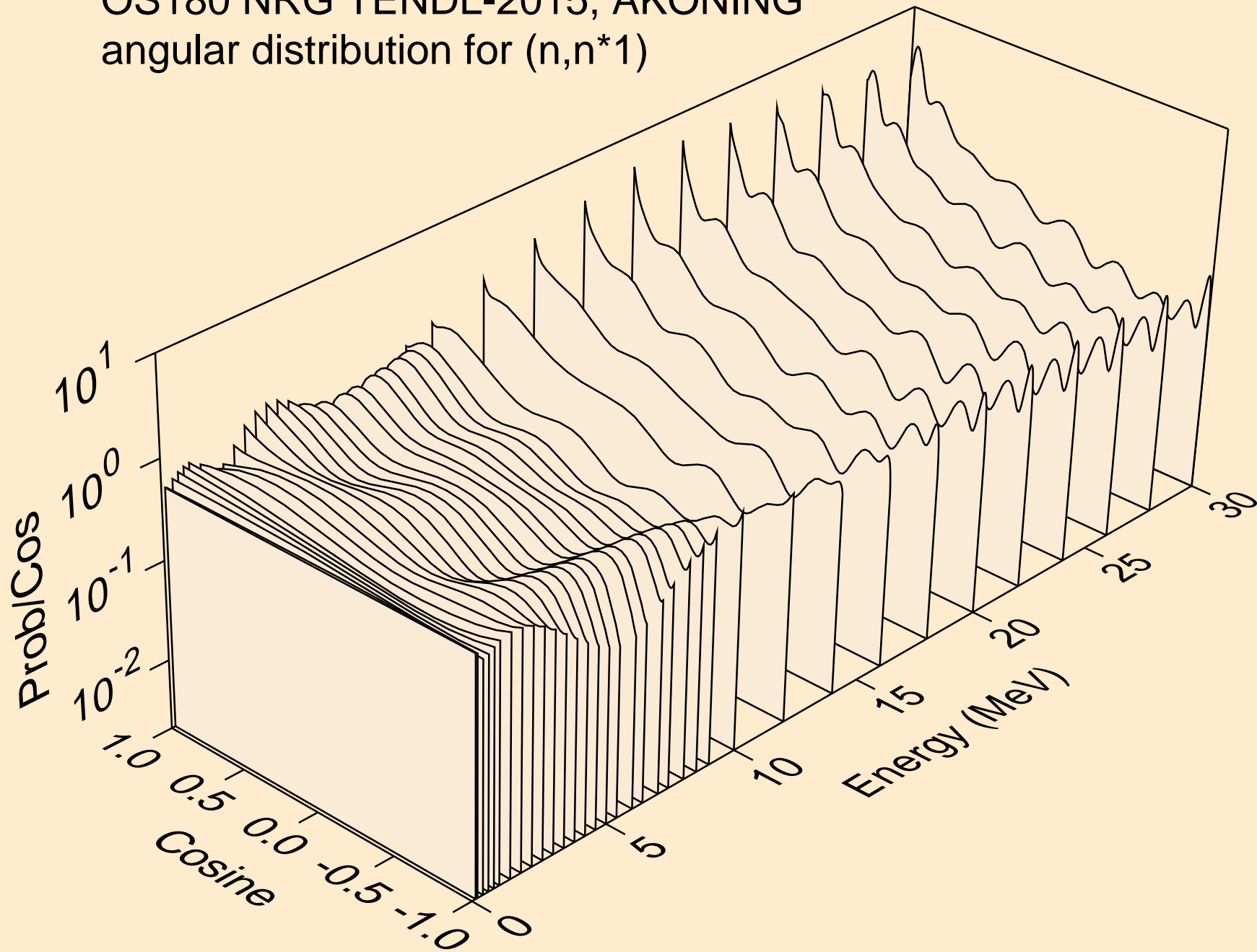
OS180 NRG TENDL-2015, AKONING  
angular distribution for elastic



OS180 NRG TENDL-2015, AKONING  
angular distribution for elastic

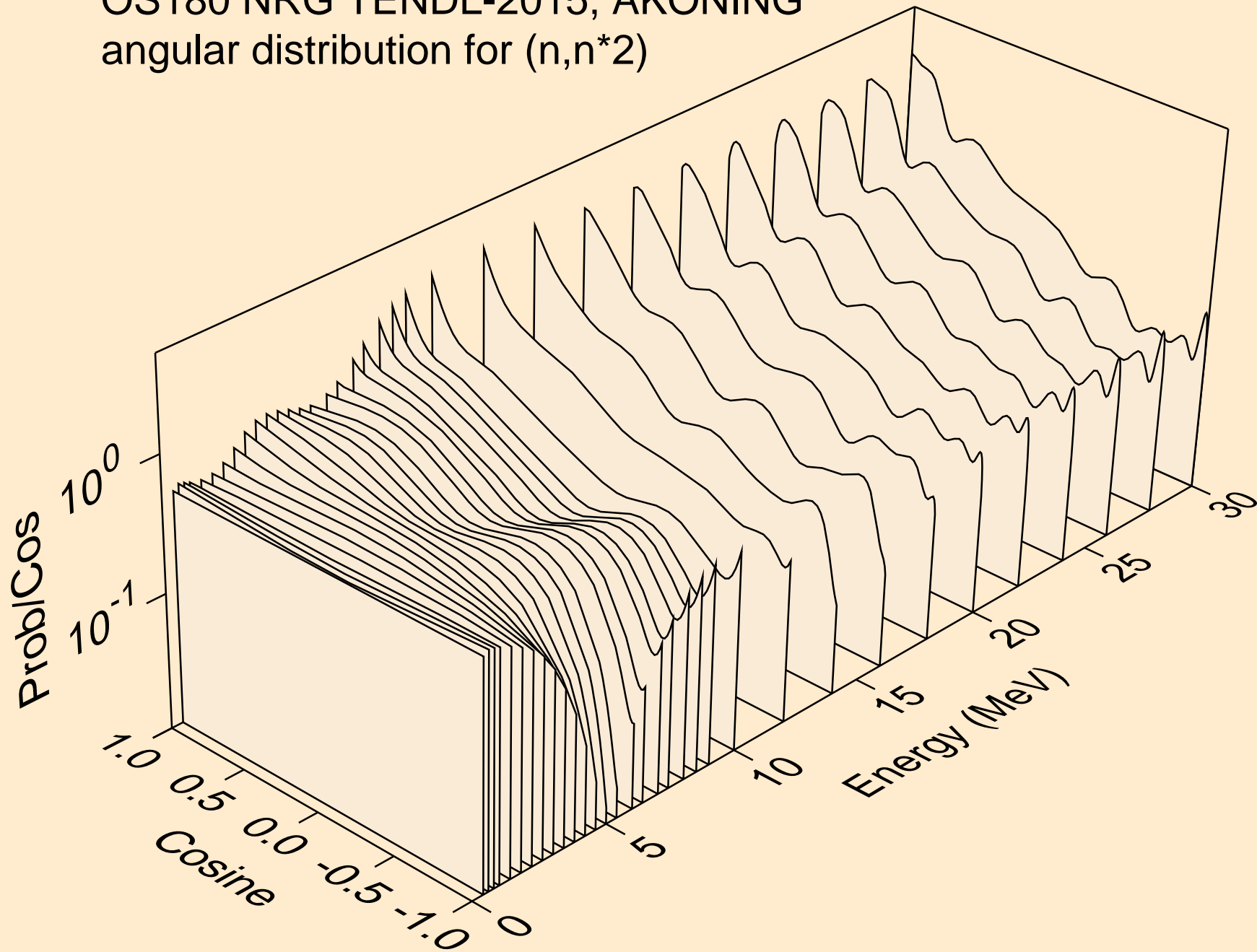


OS180 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

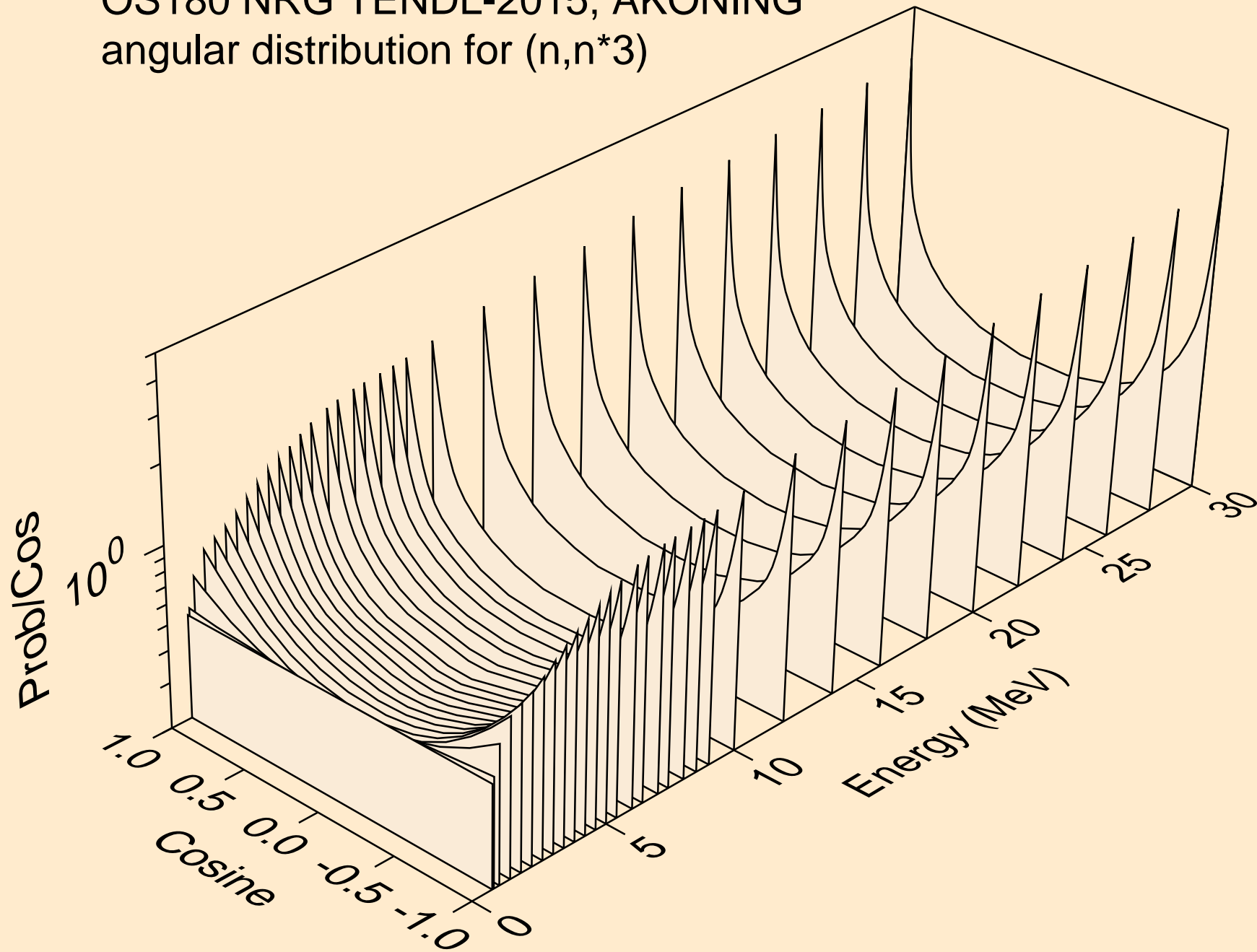




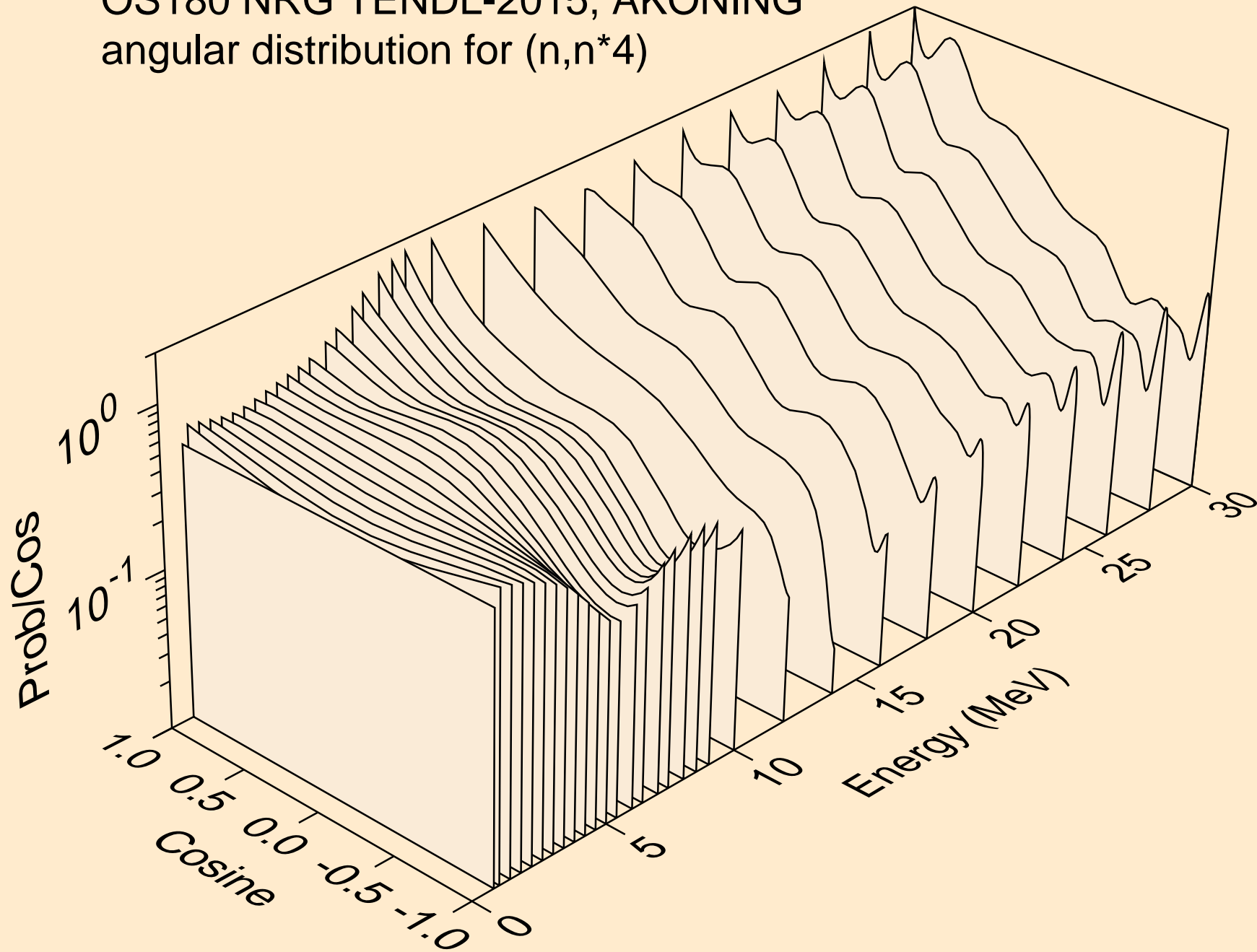
OS180 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



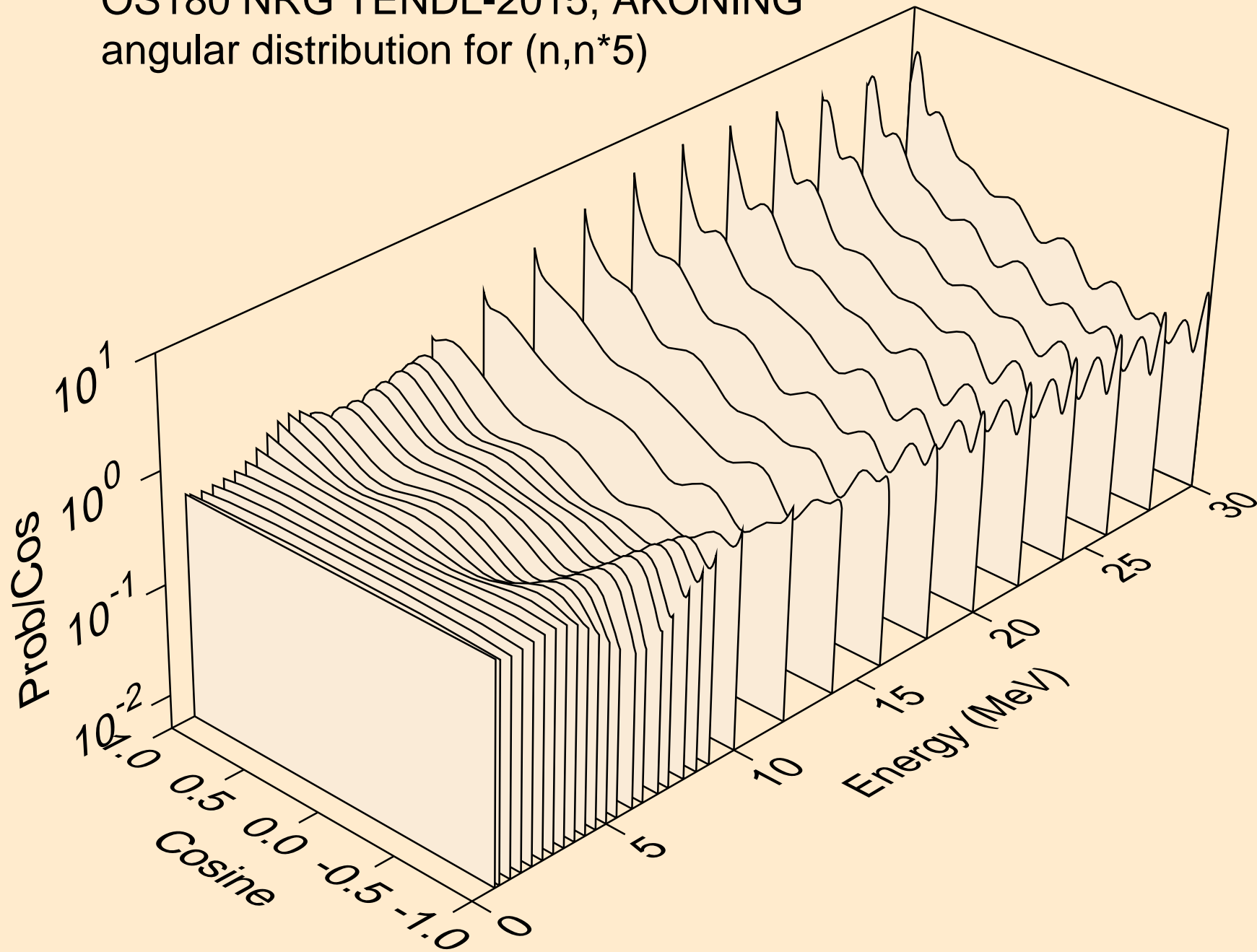
OS180 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



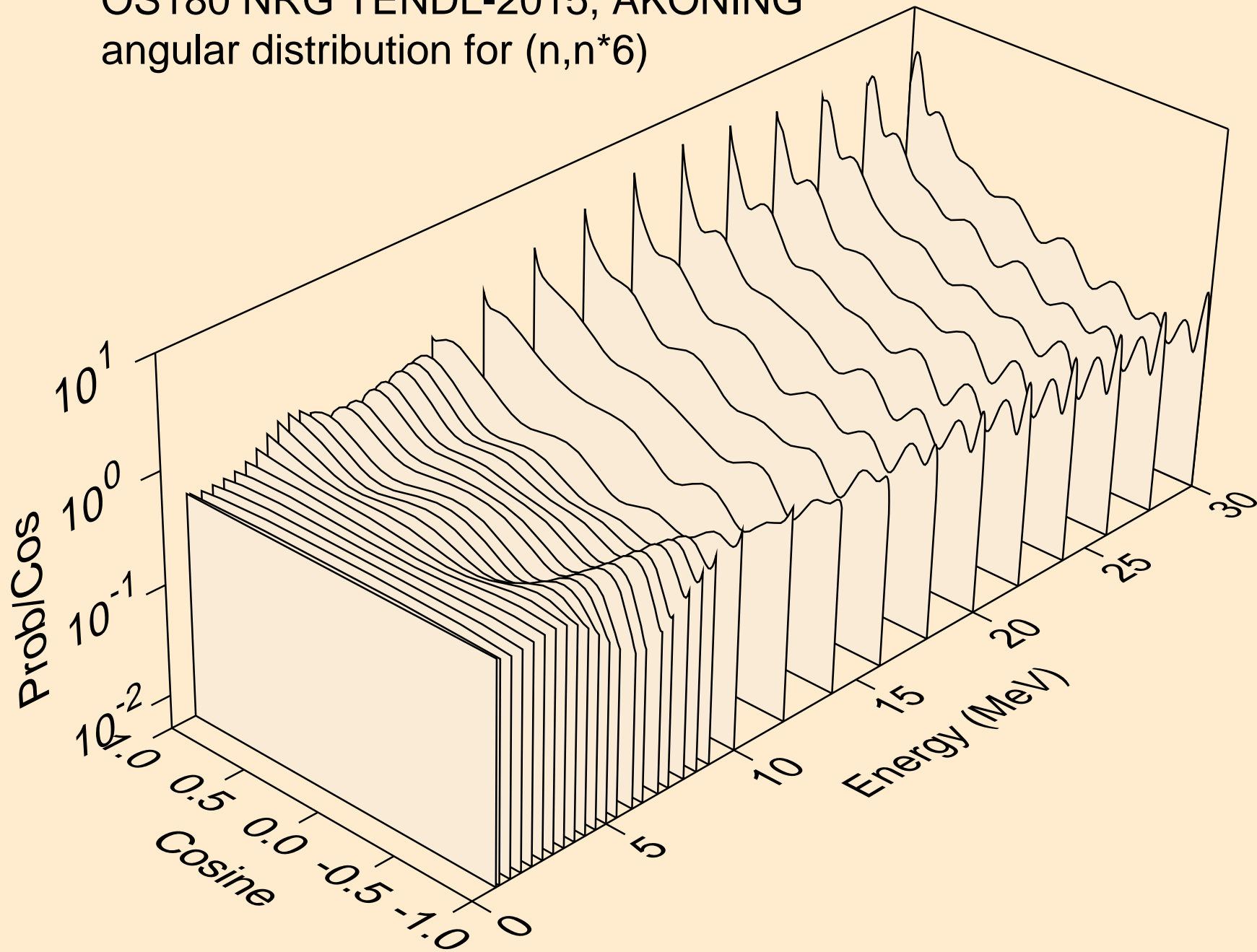
OS180 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



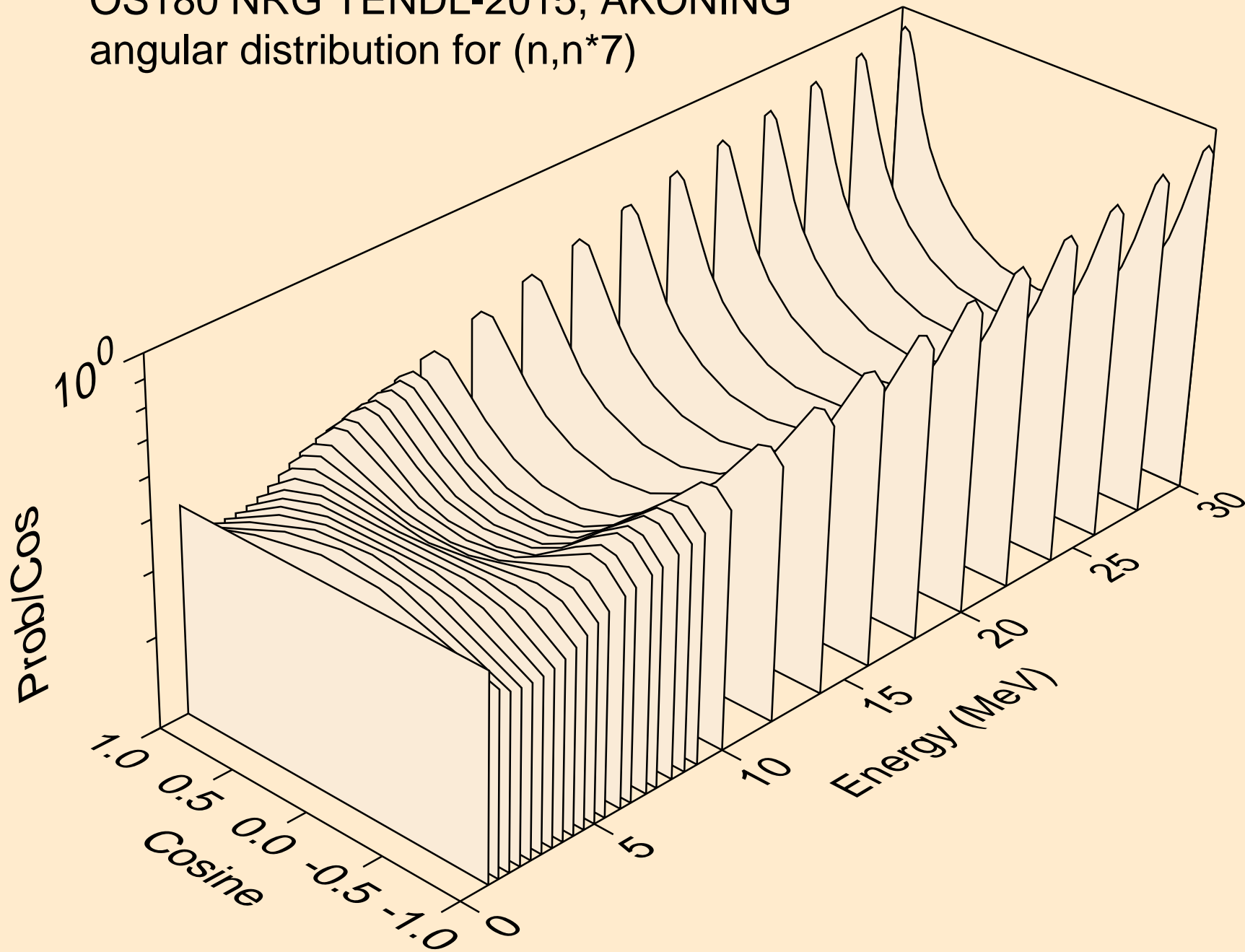
OS180 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



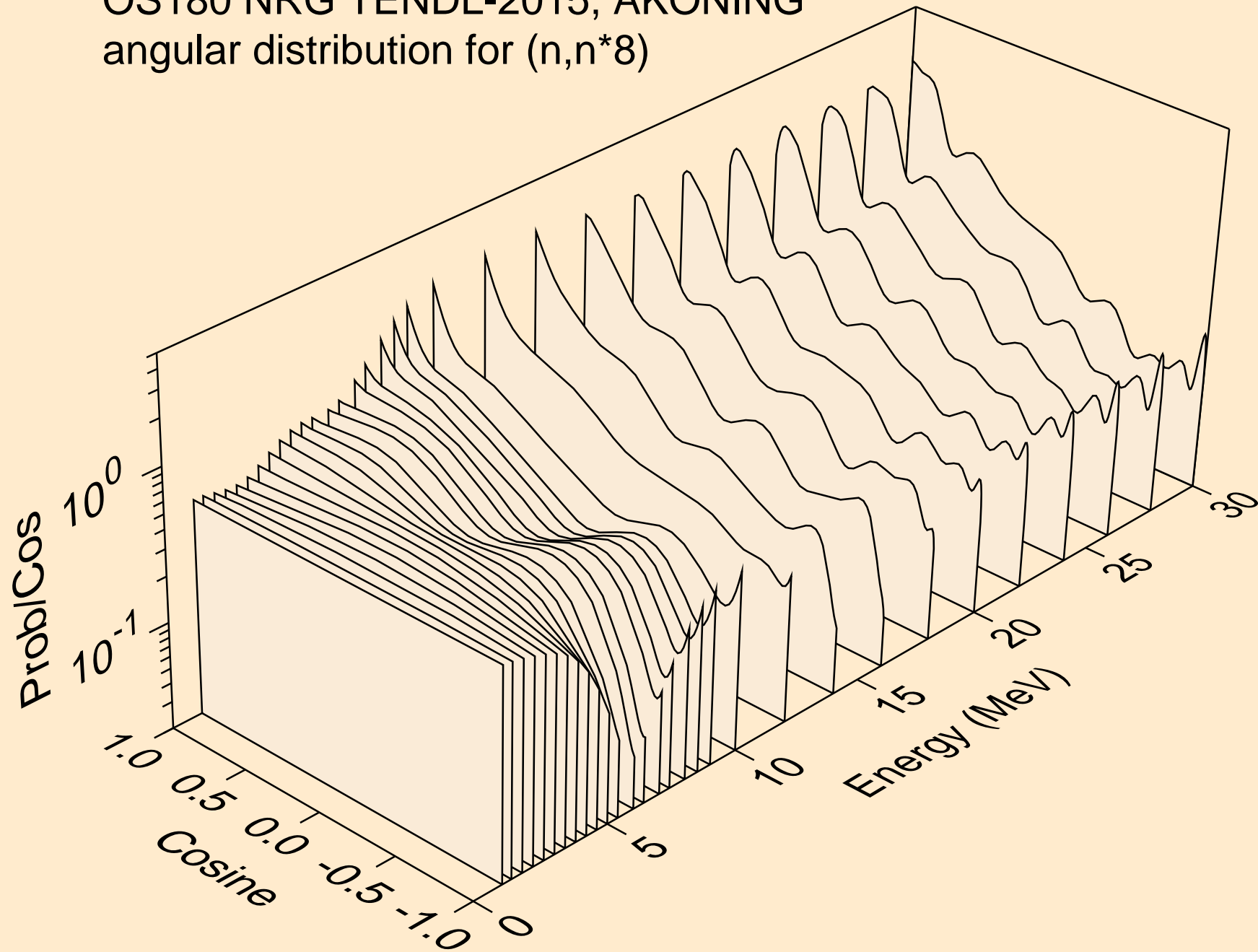
OS180 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



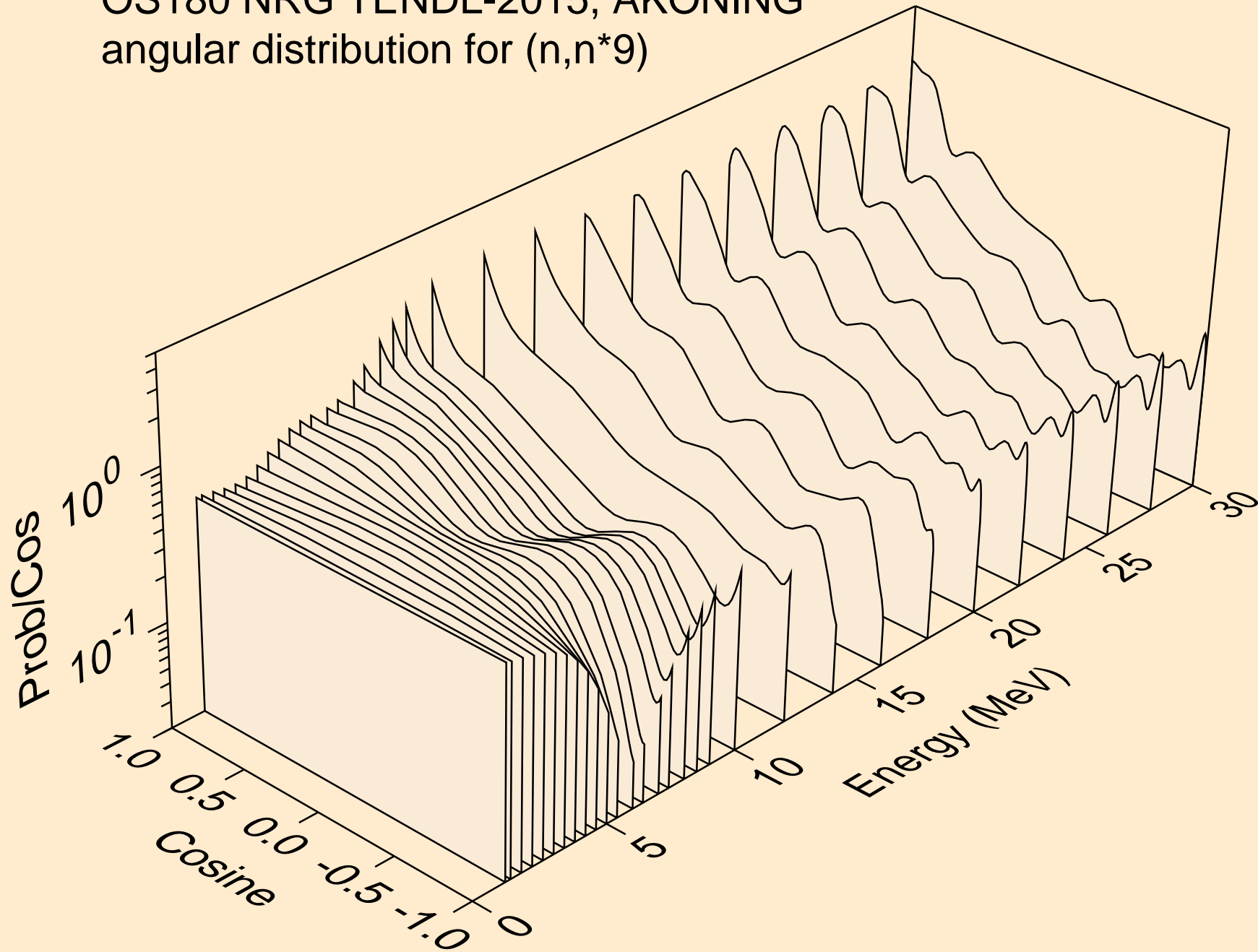
OS180 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



OS180 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

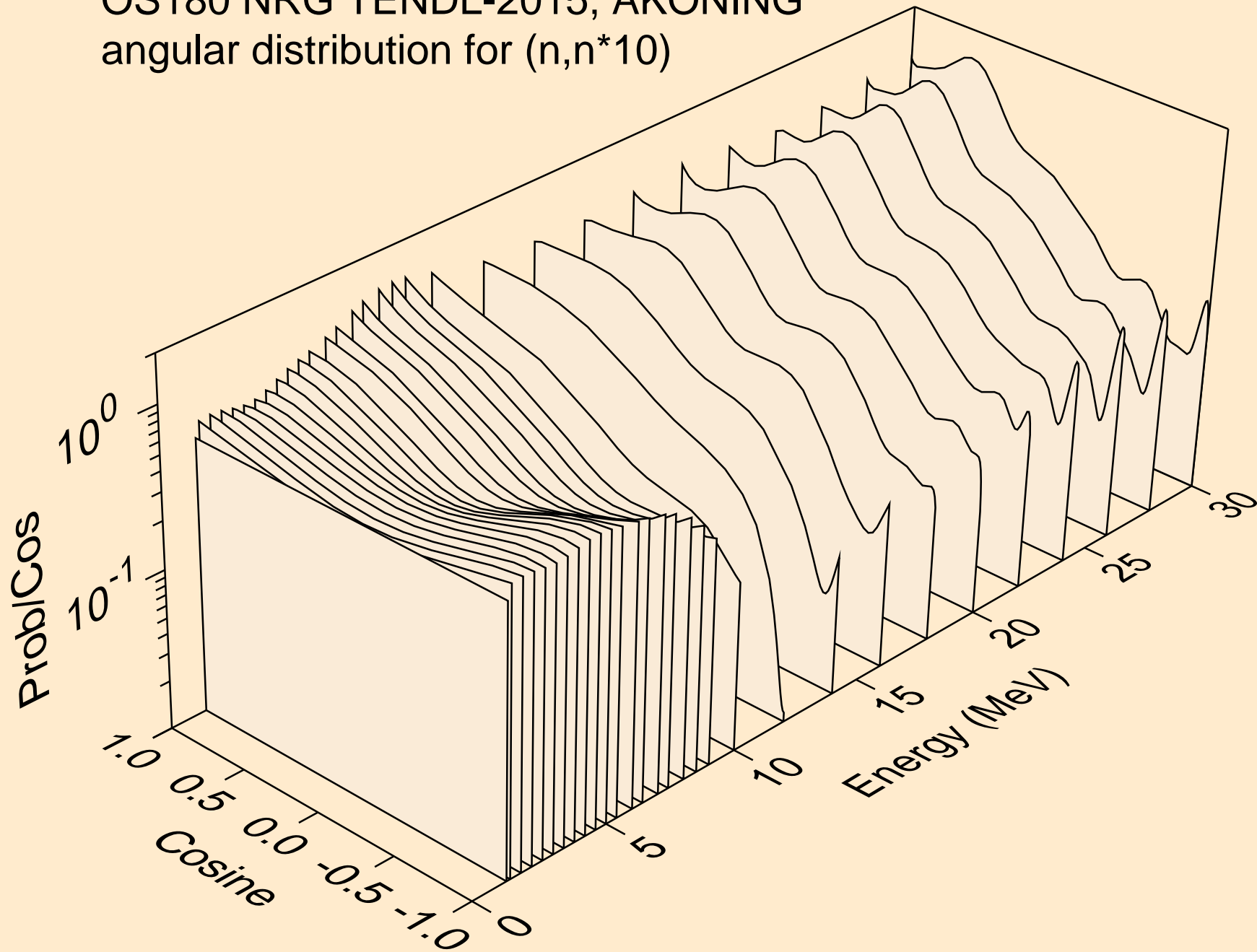


OS180 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)

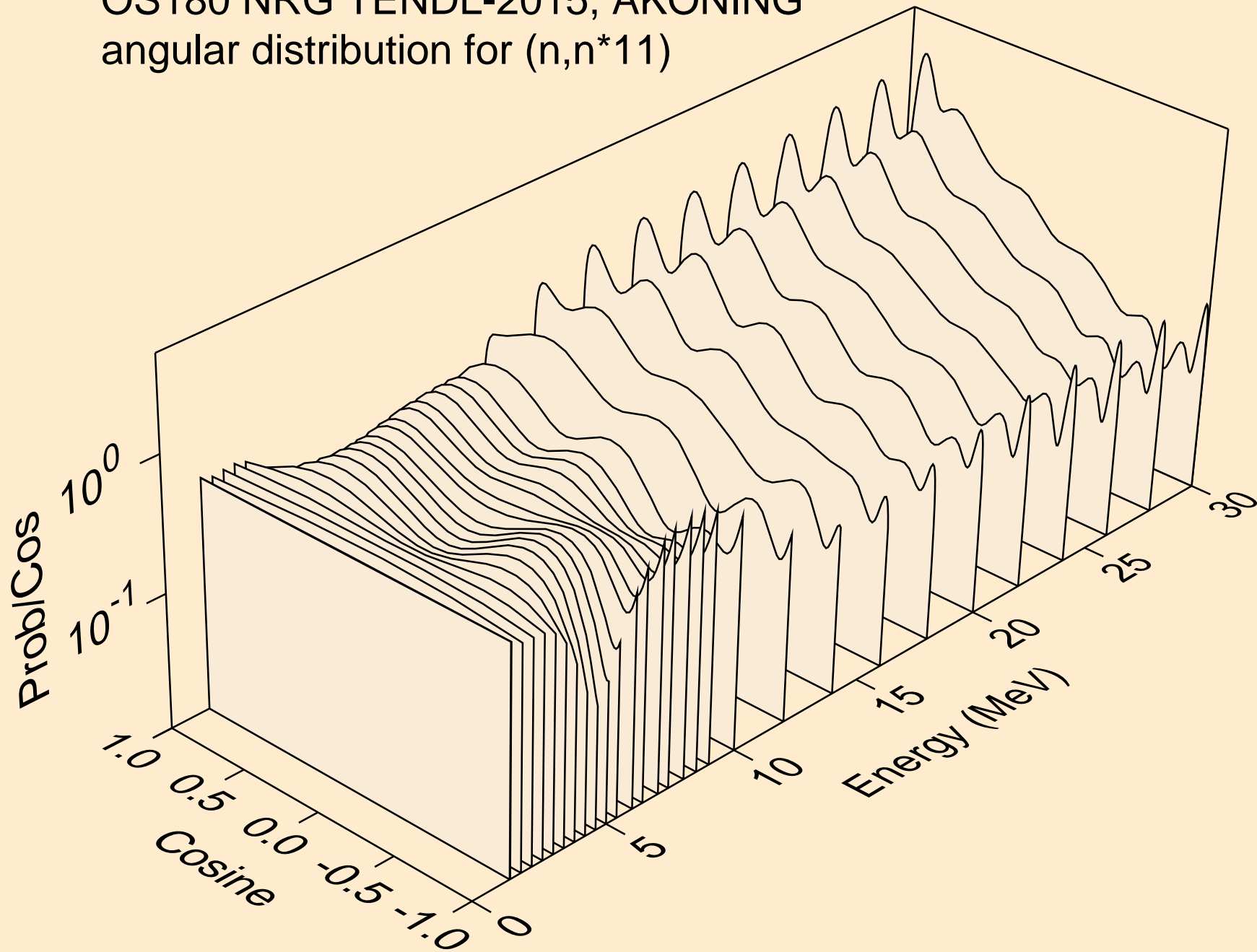




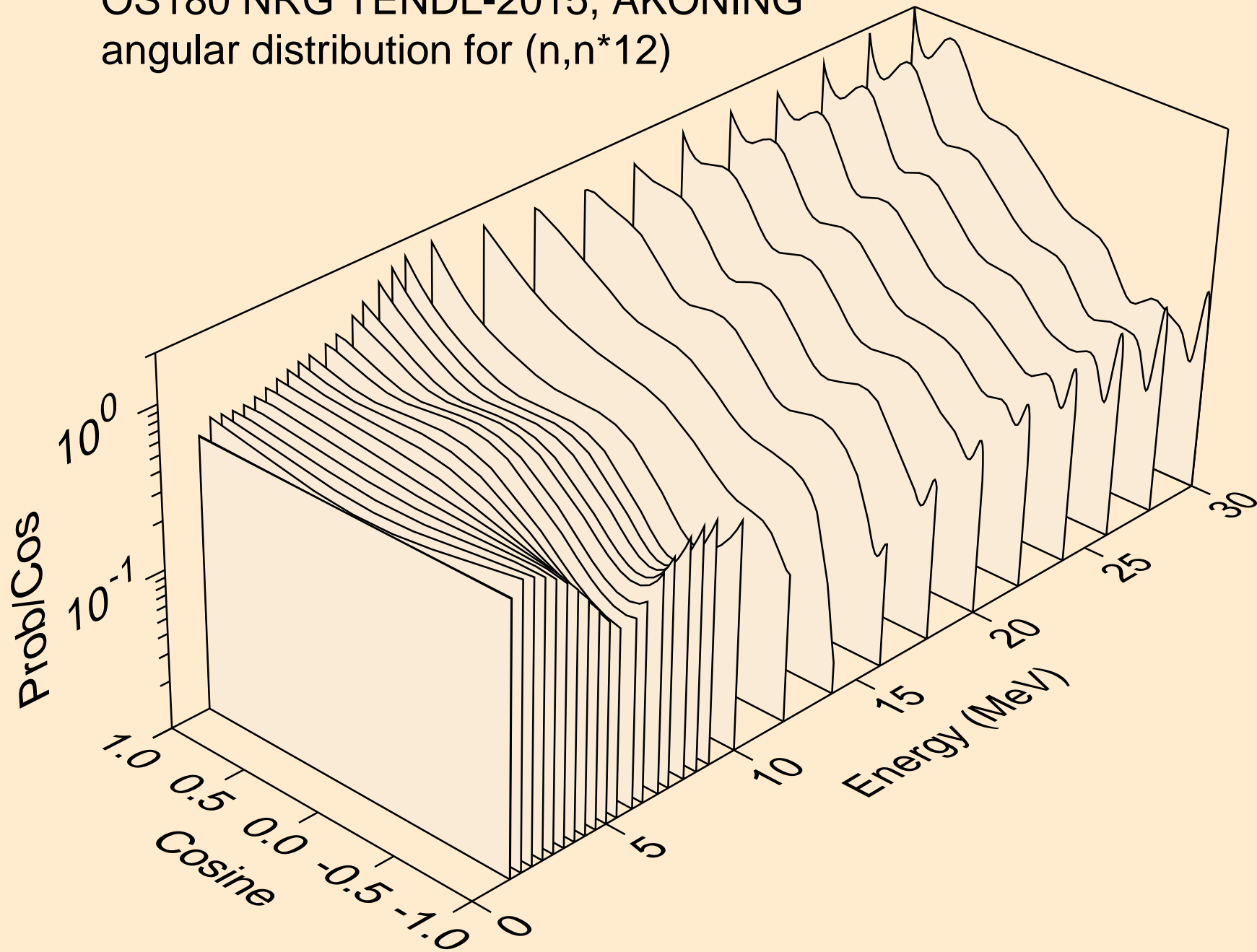
OS180 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



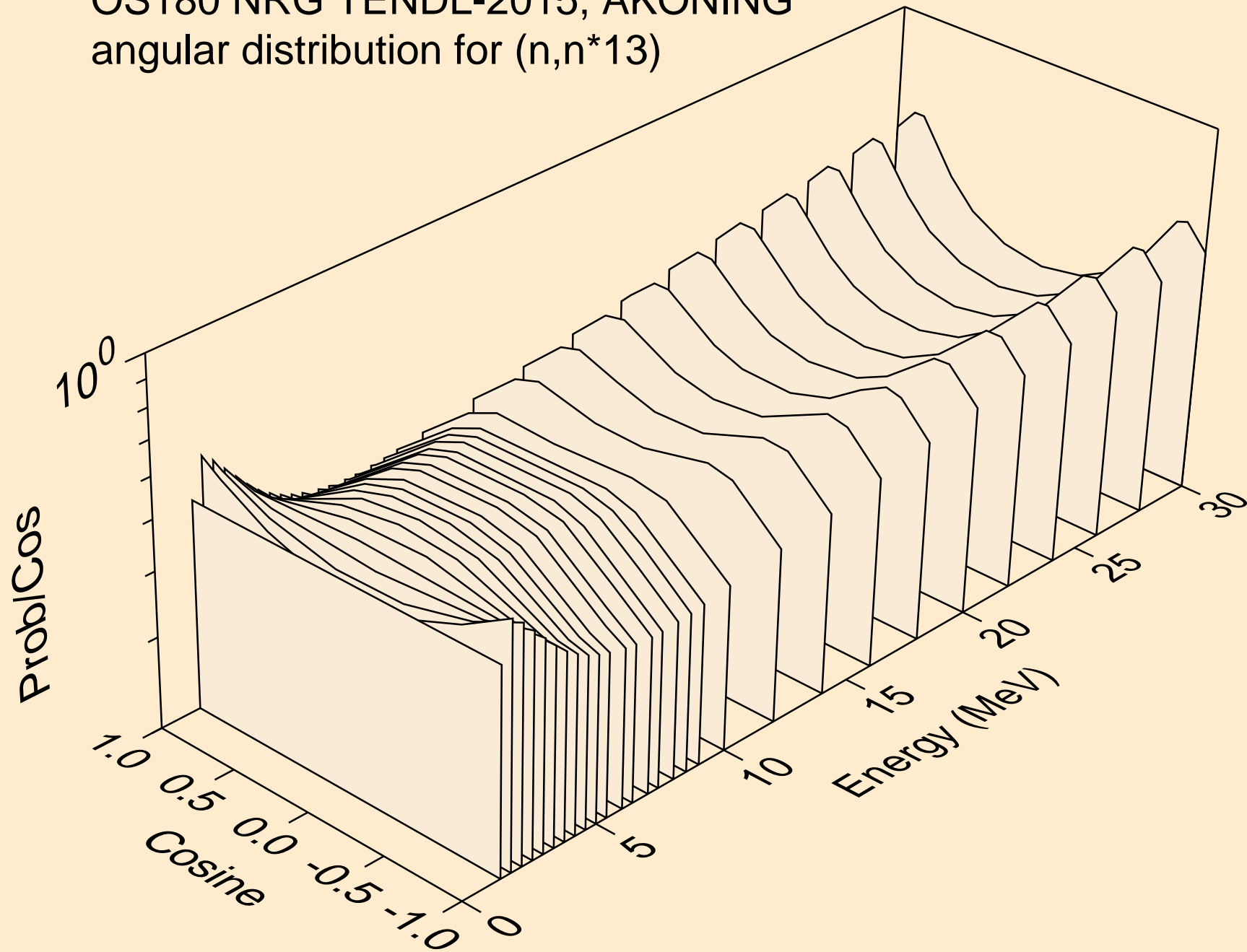
OS180 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



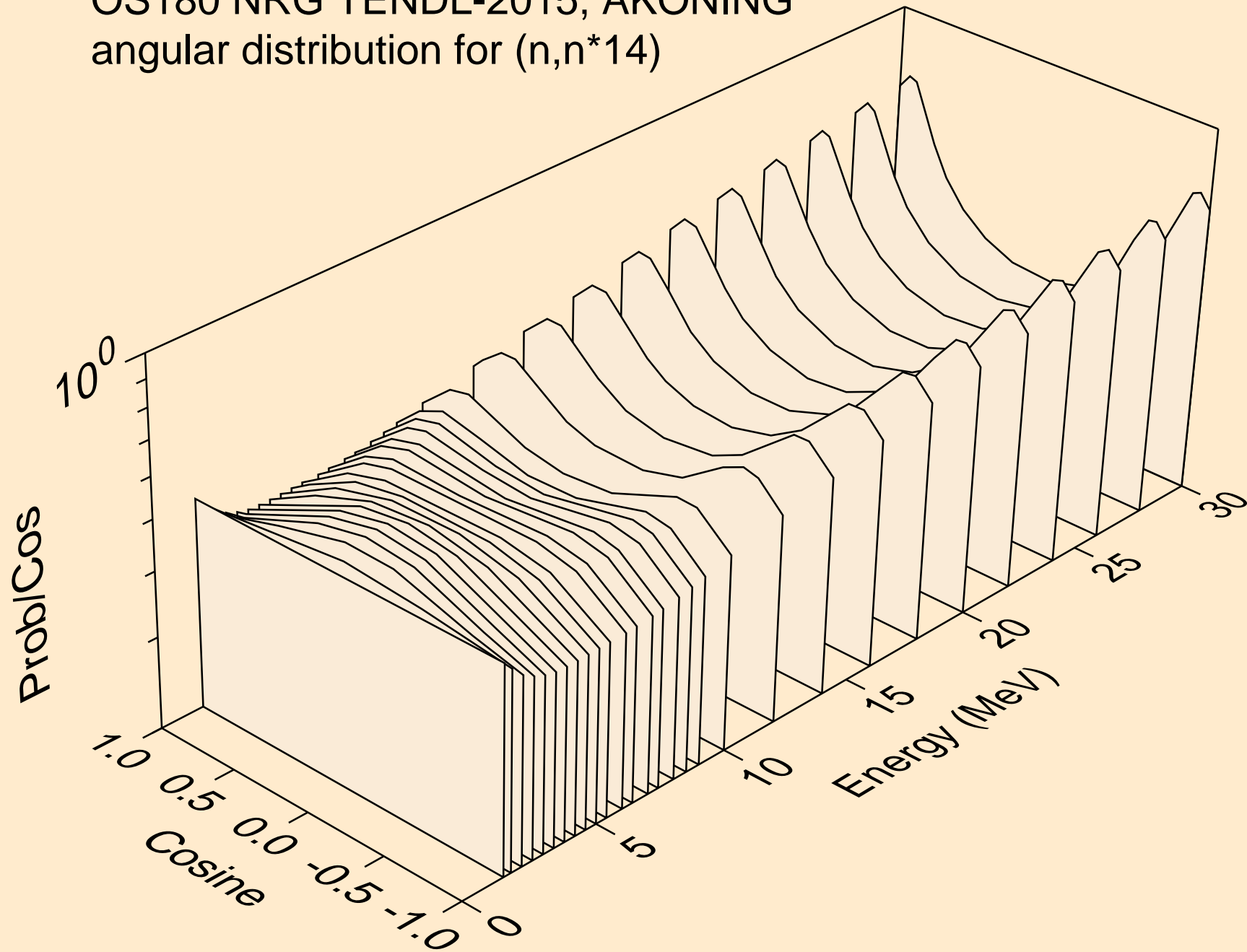
OS180 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



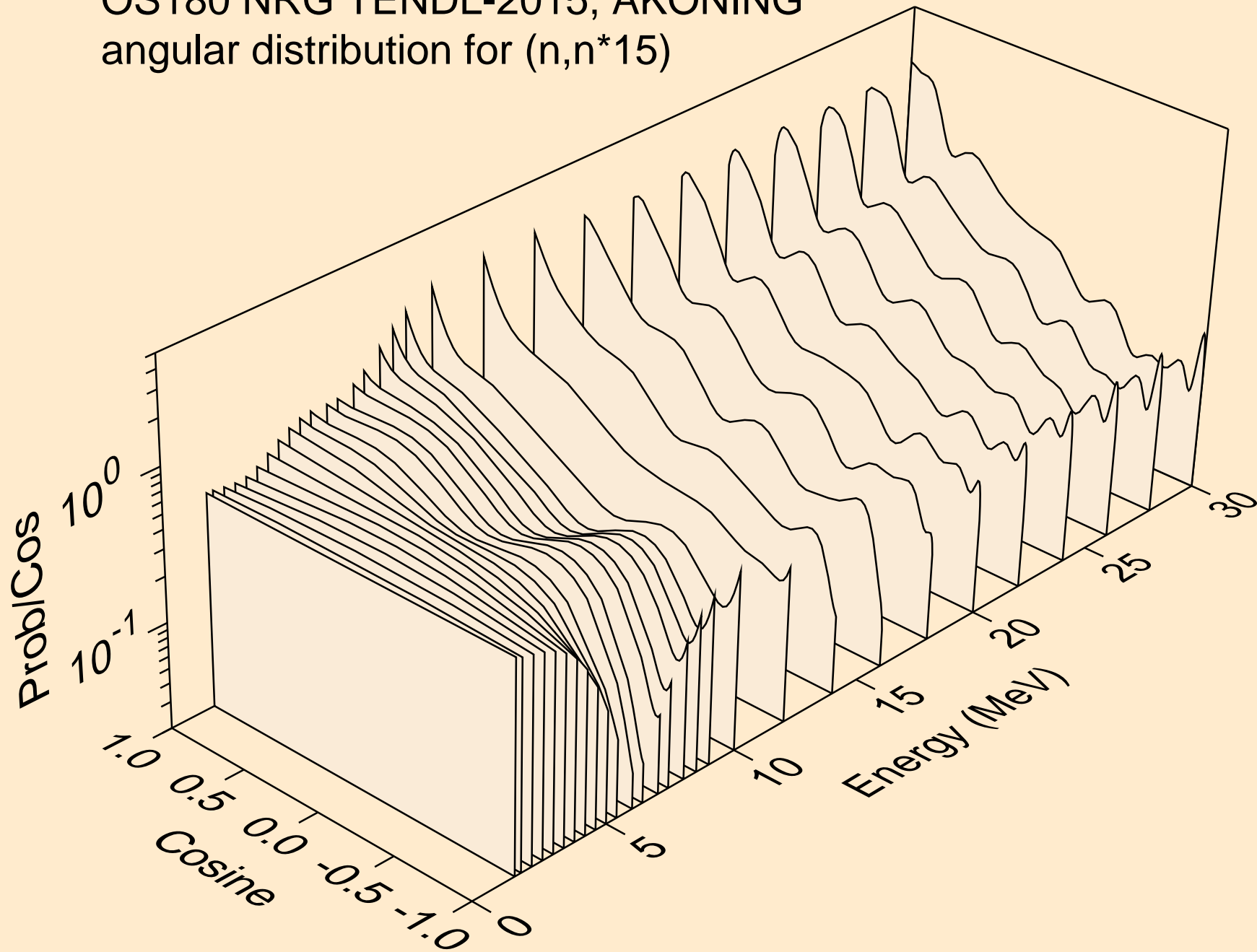
OS180 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



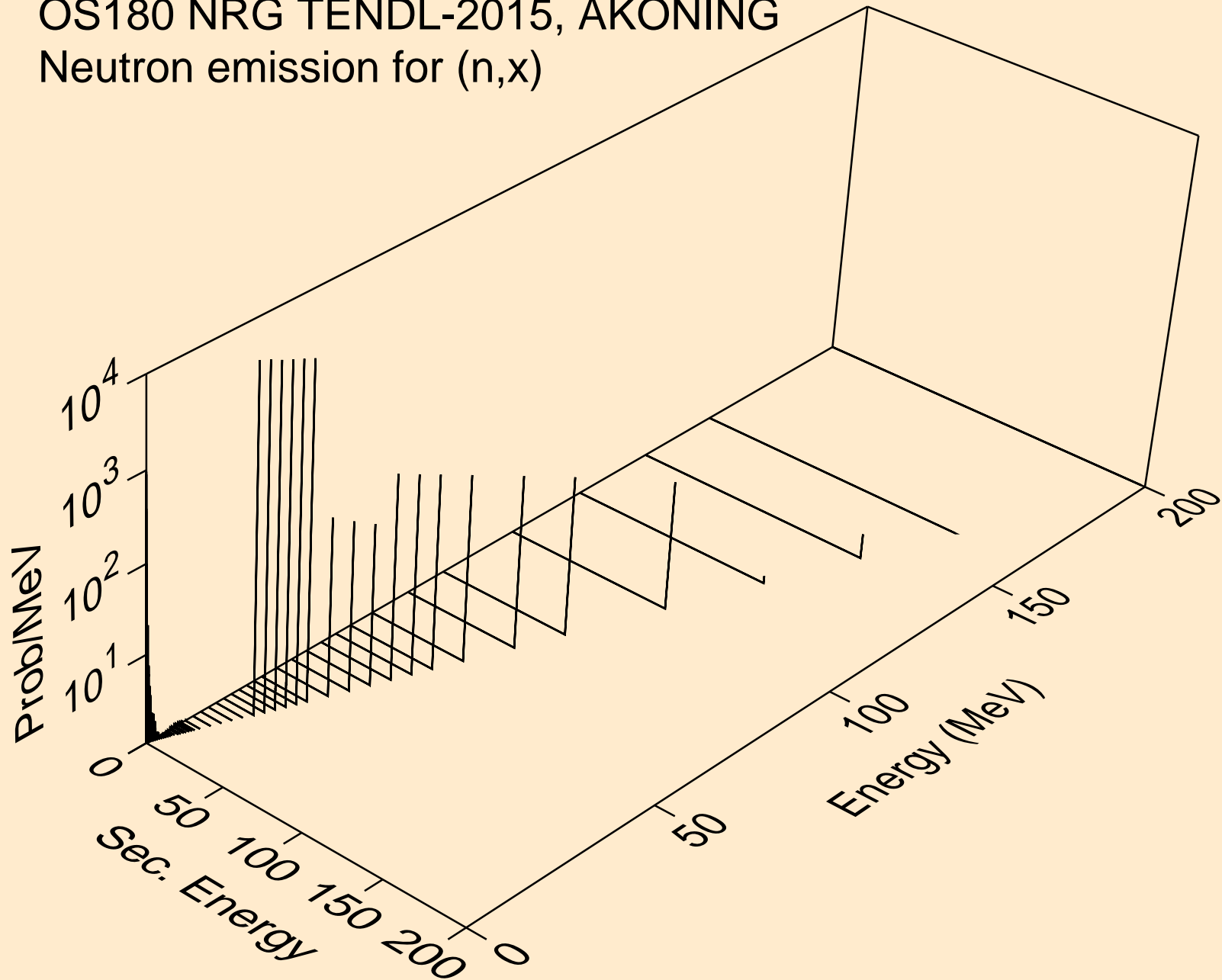
OS180 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



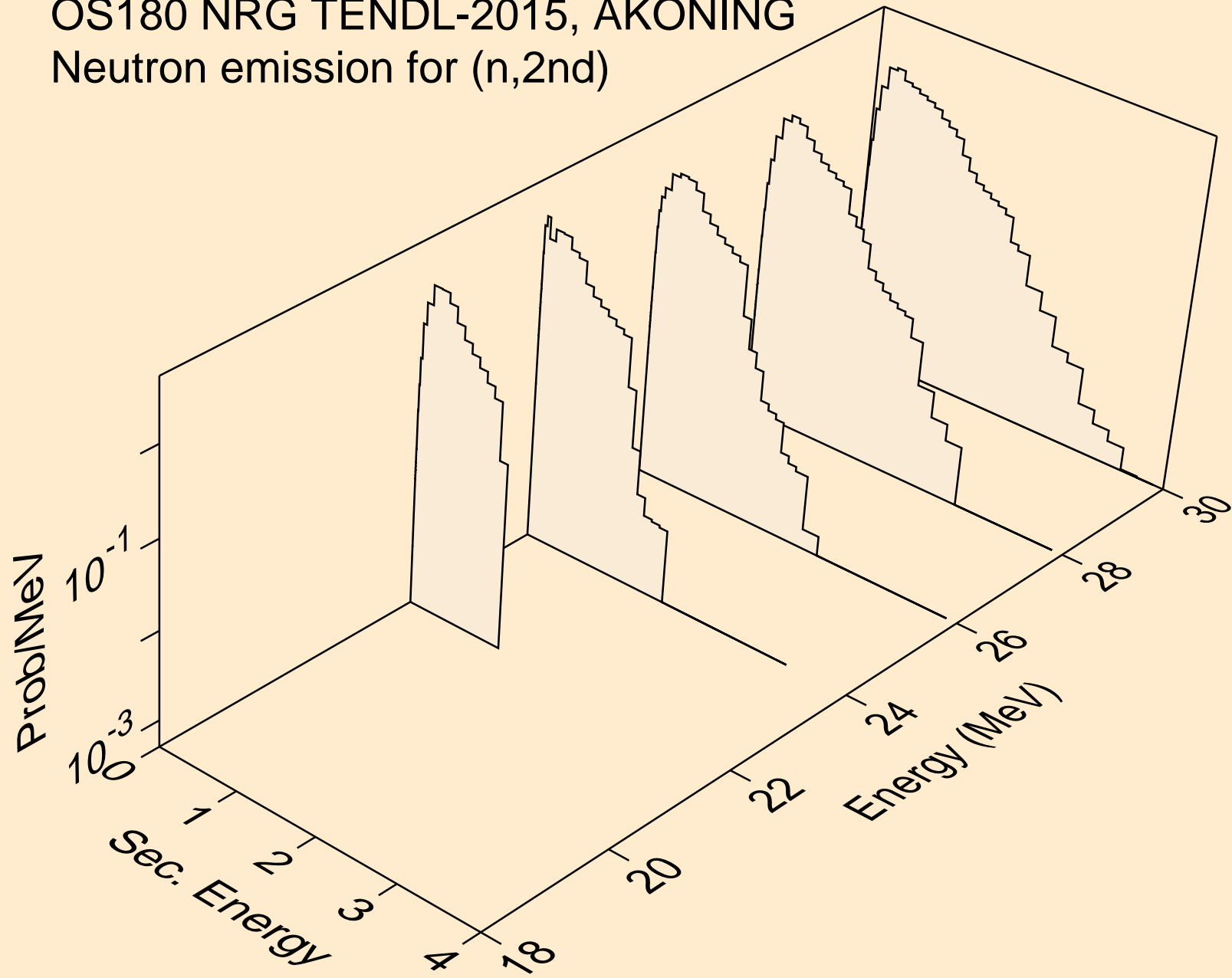
OS180 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



OS180 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

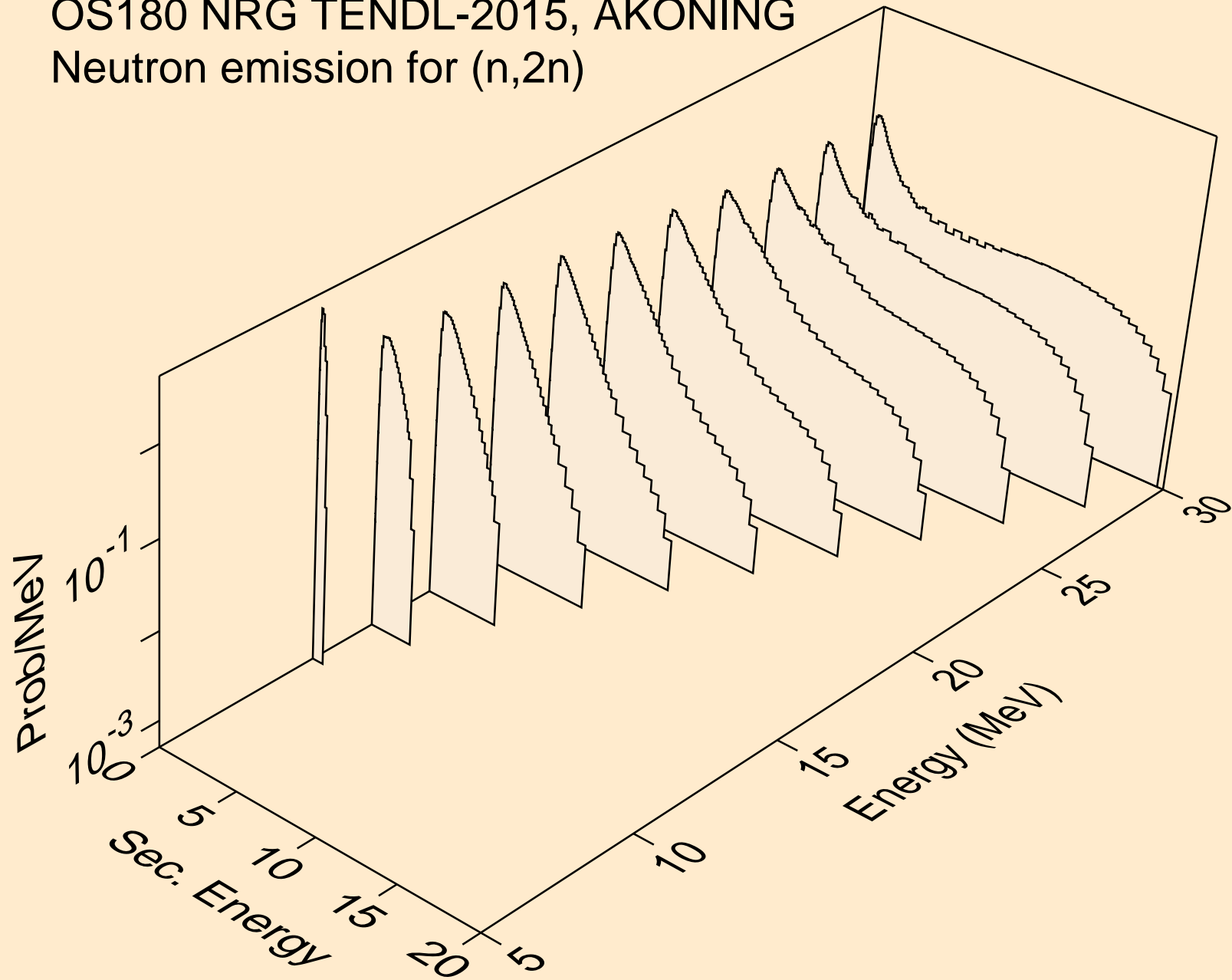


OS180 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

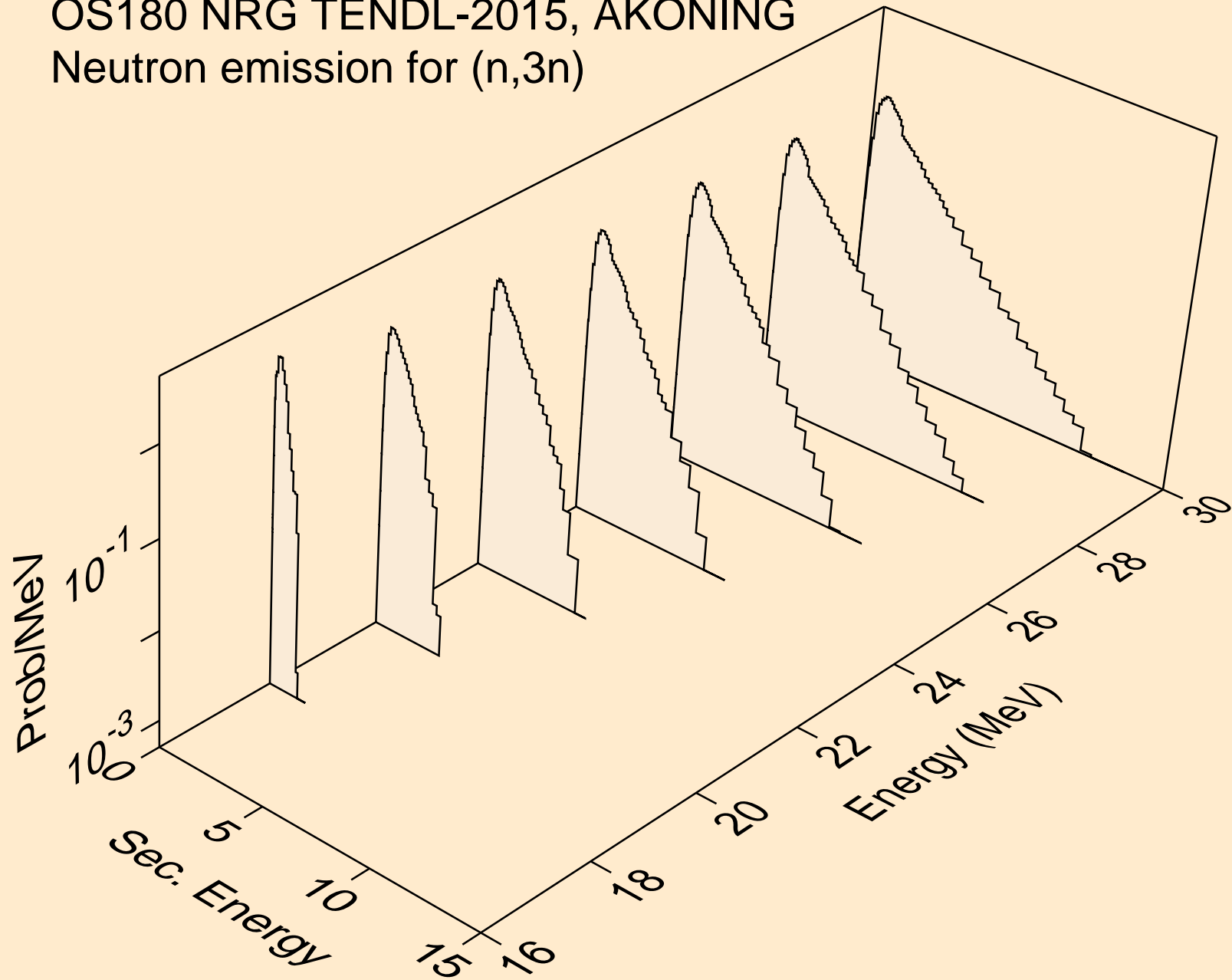




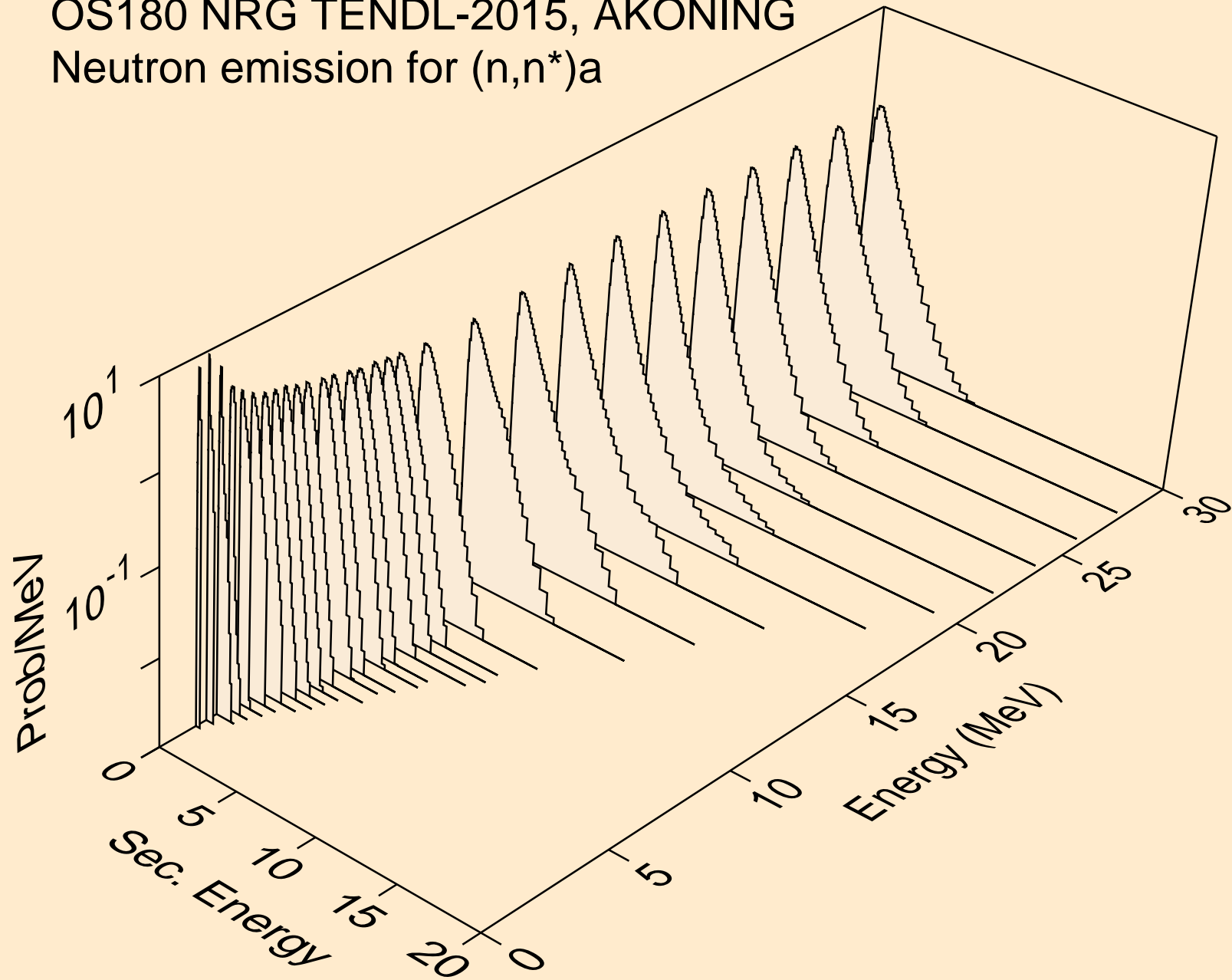
OS180 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



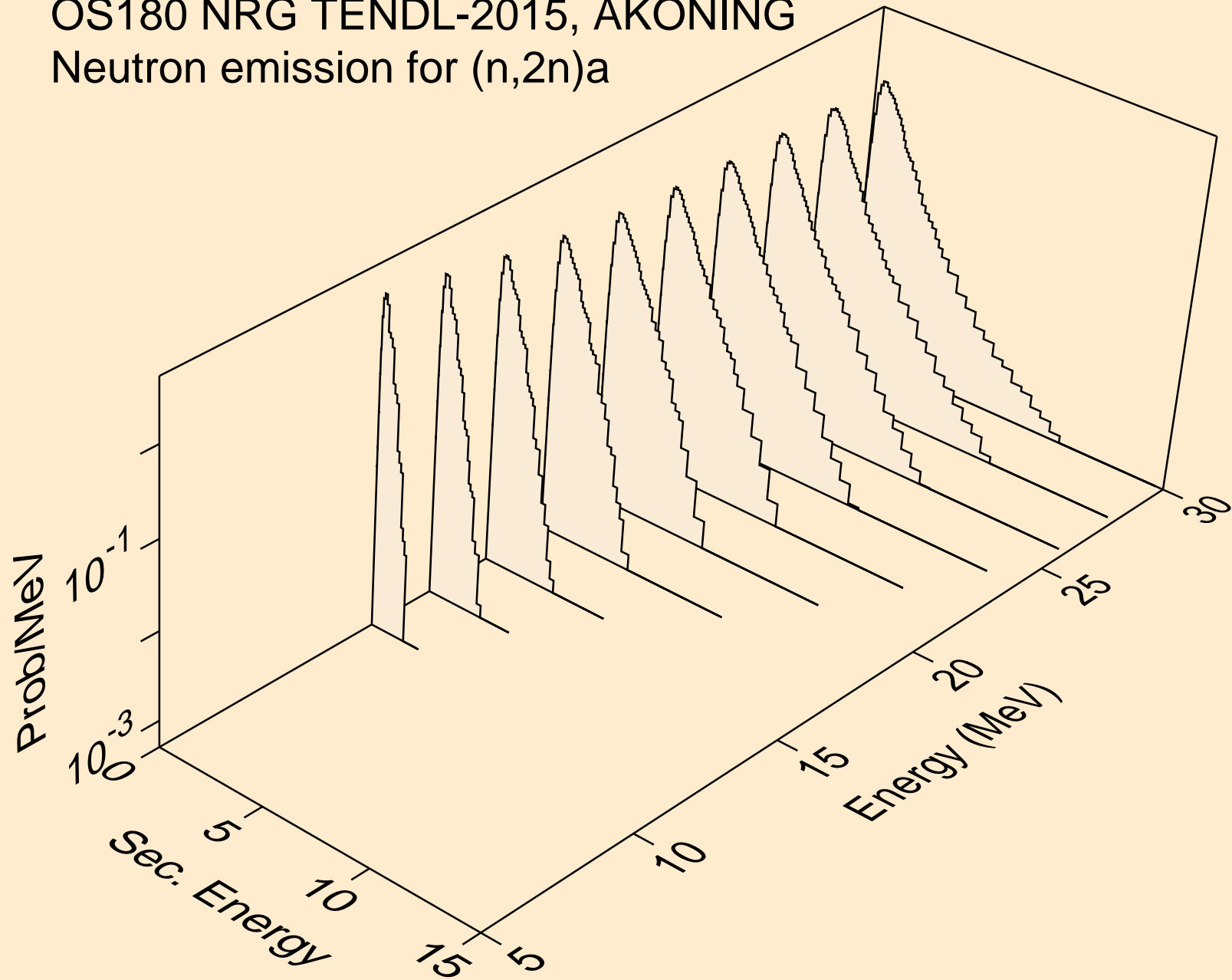
OS180 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



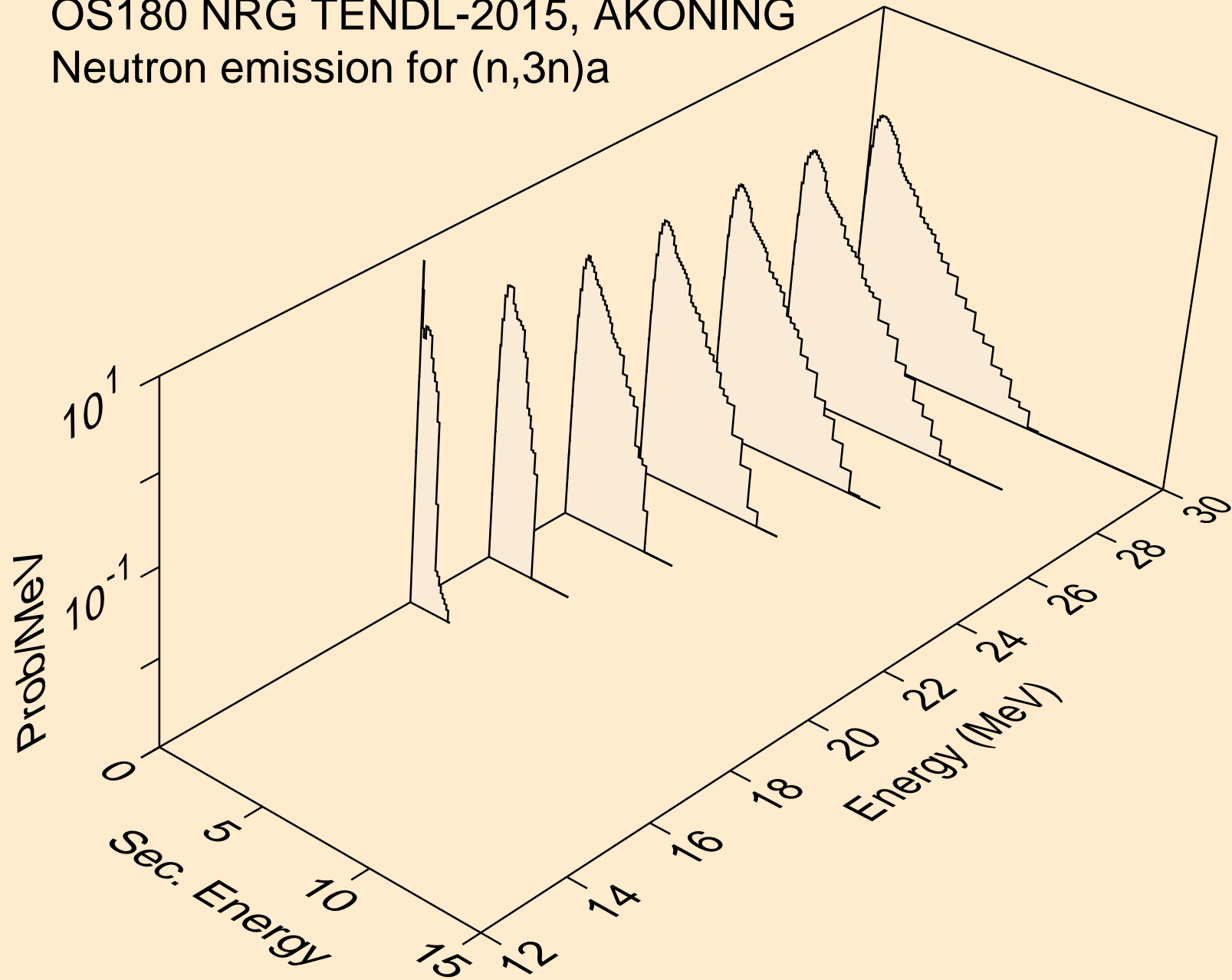
OS180 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



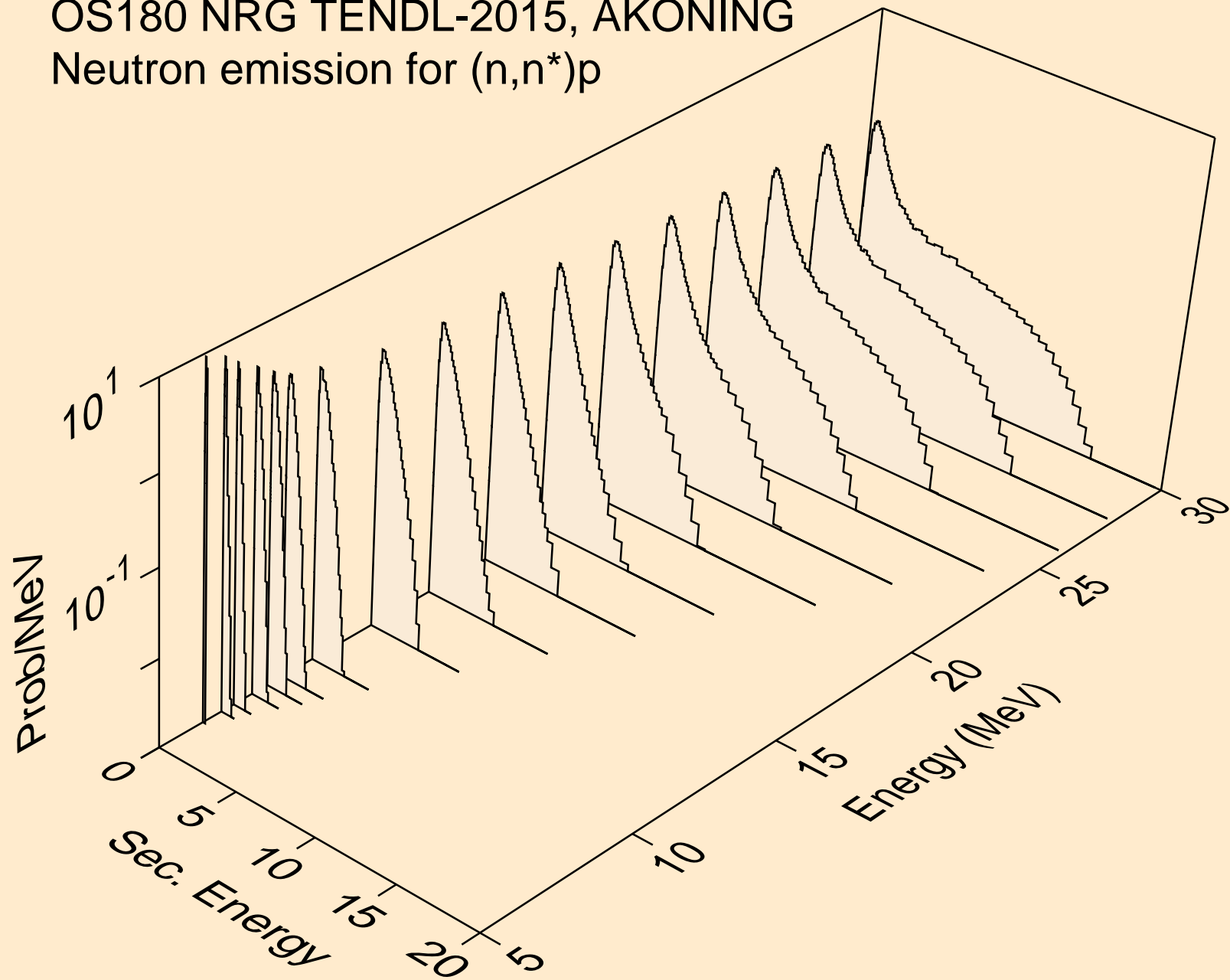
OS180 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)<sub>a</sub>



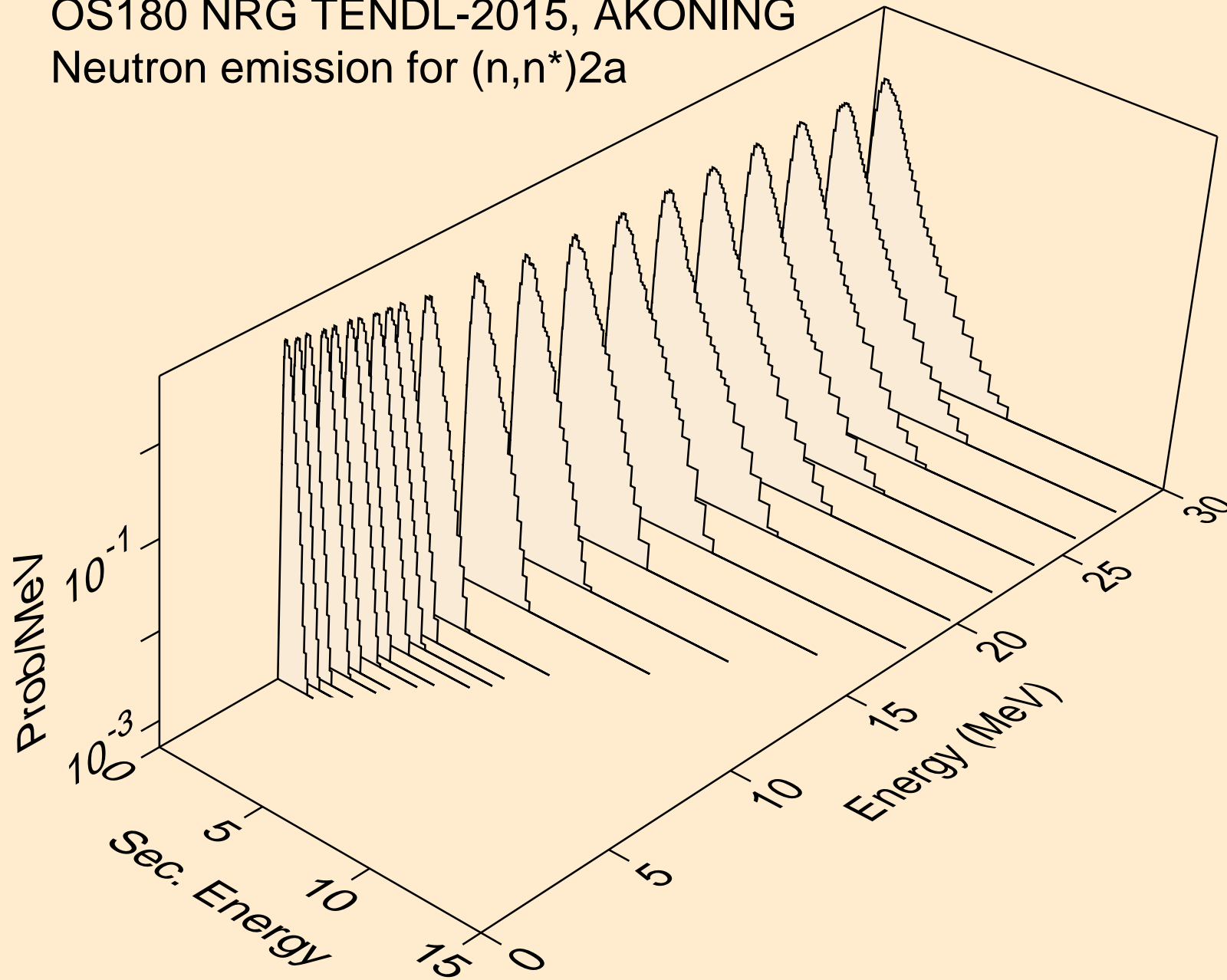
OS180 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



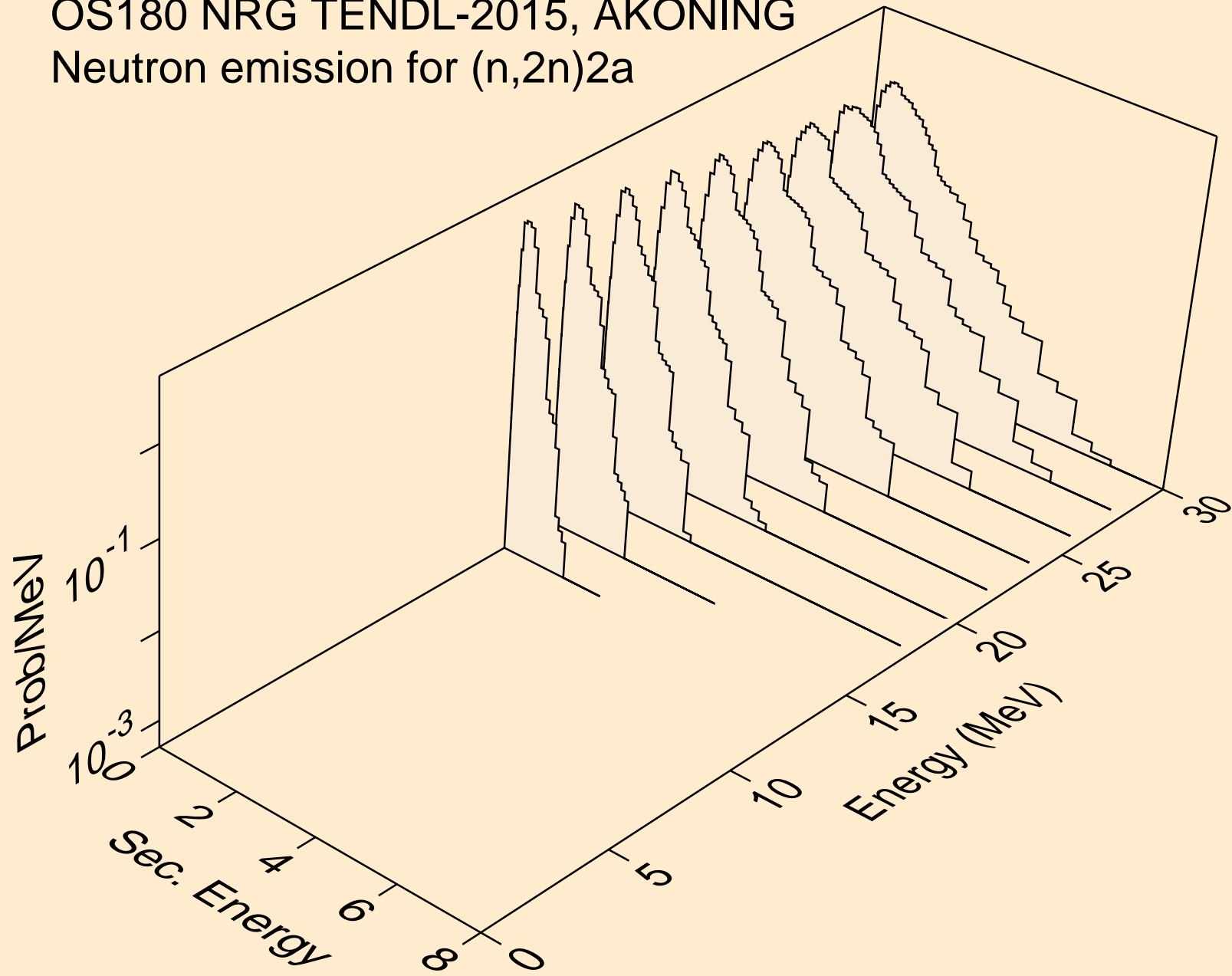
OS180 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



OS180 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

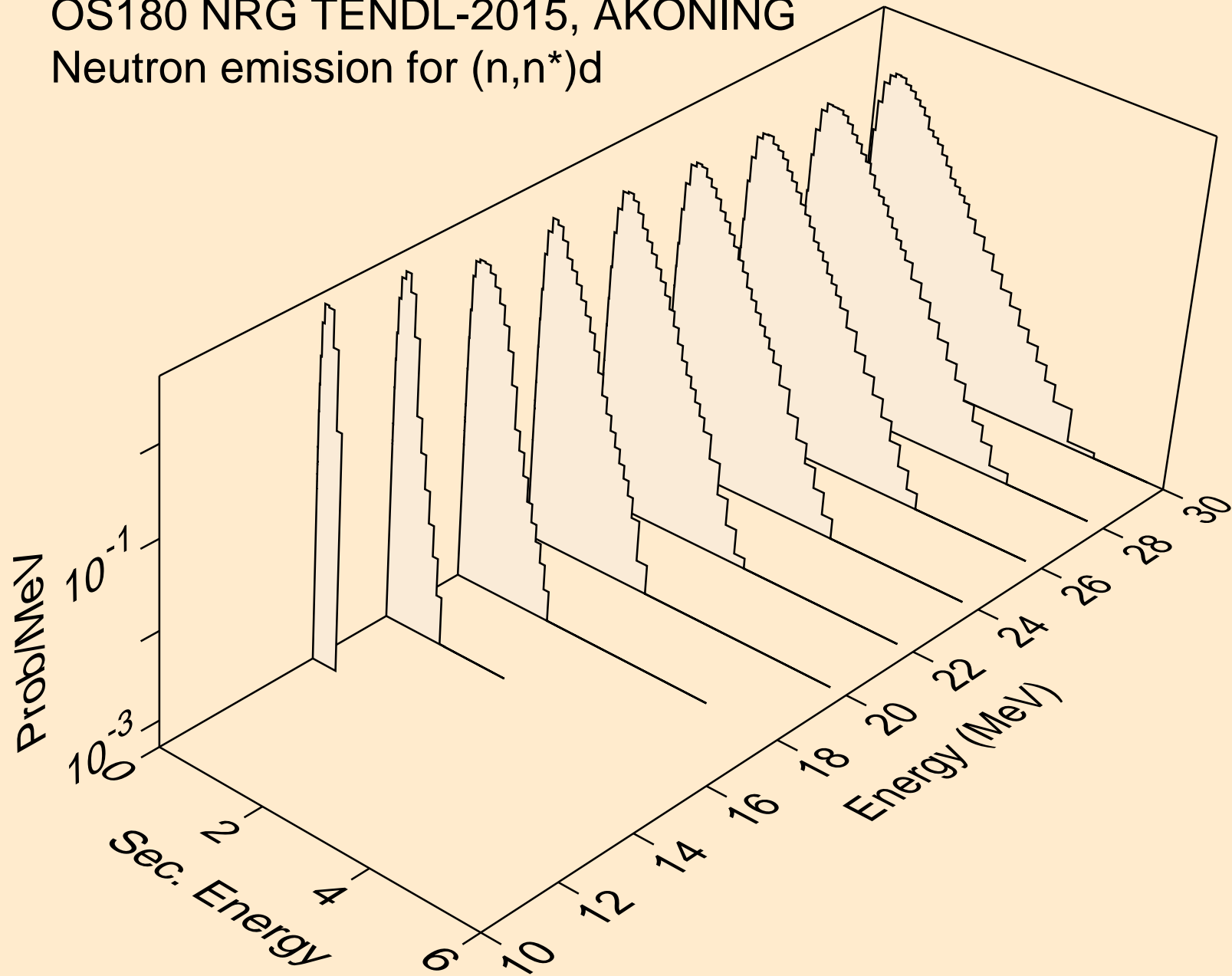


OS180 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a

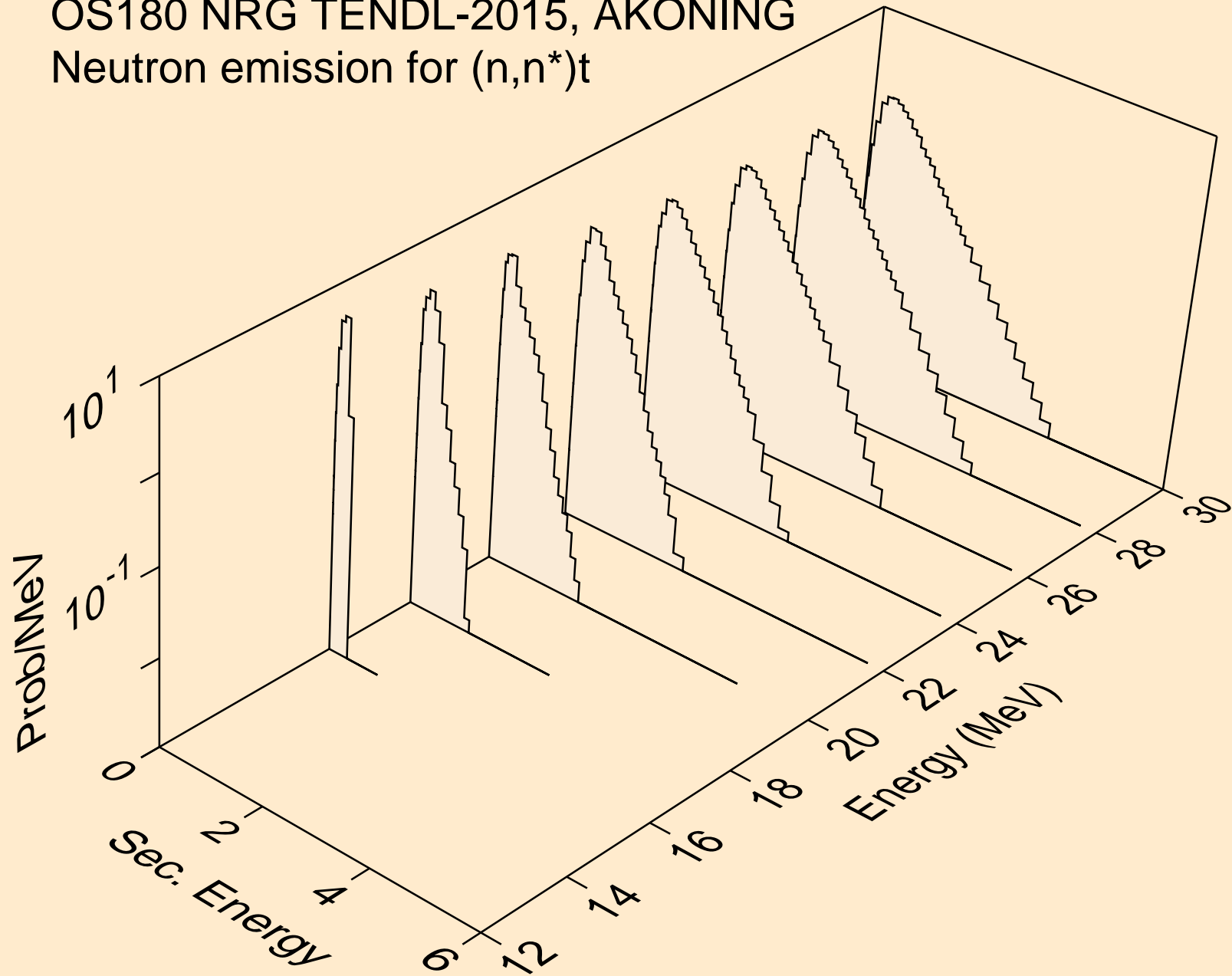




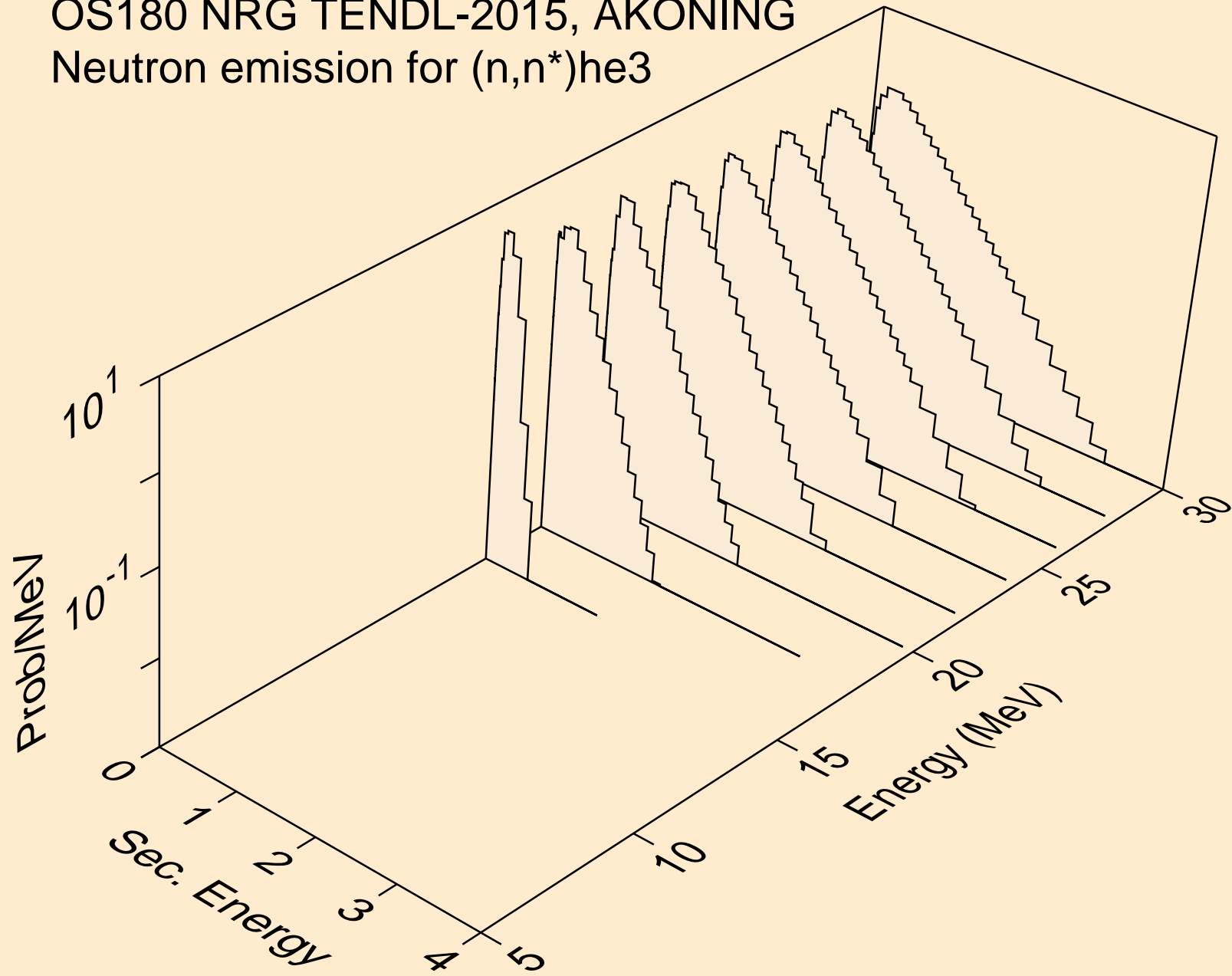
OS180 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



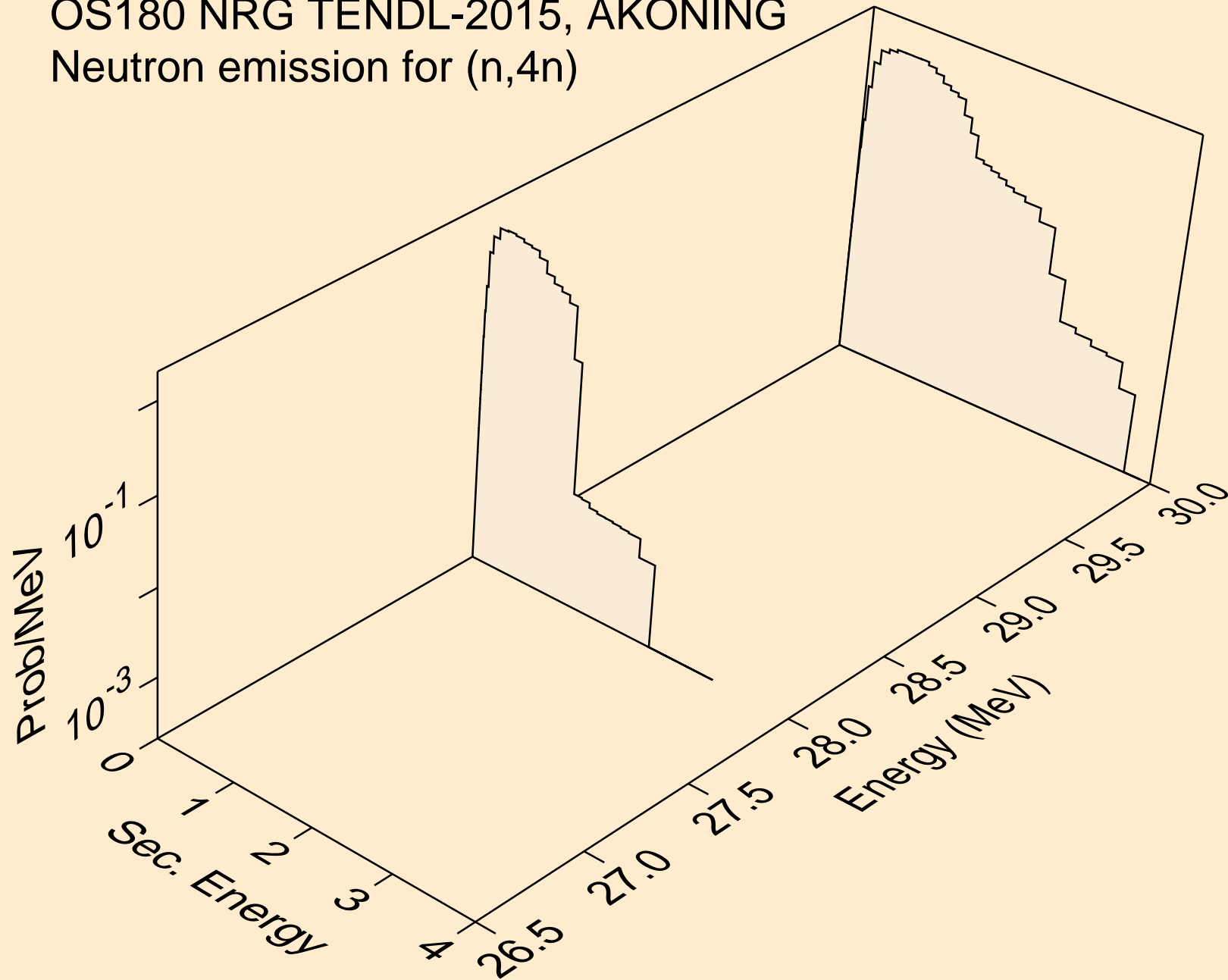
OS180 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



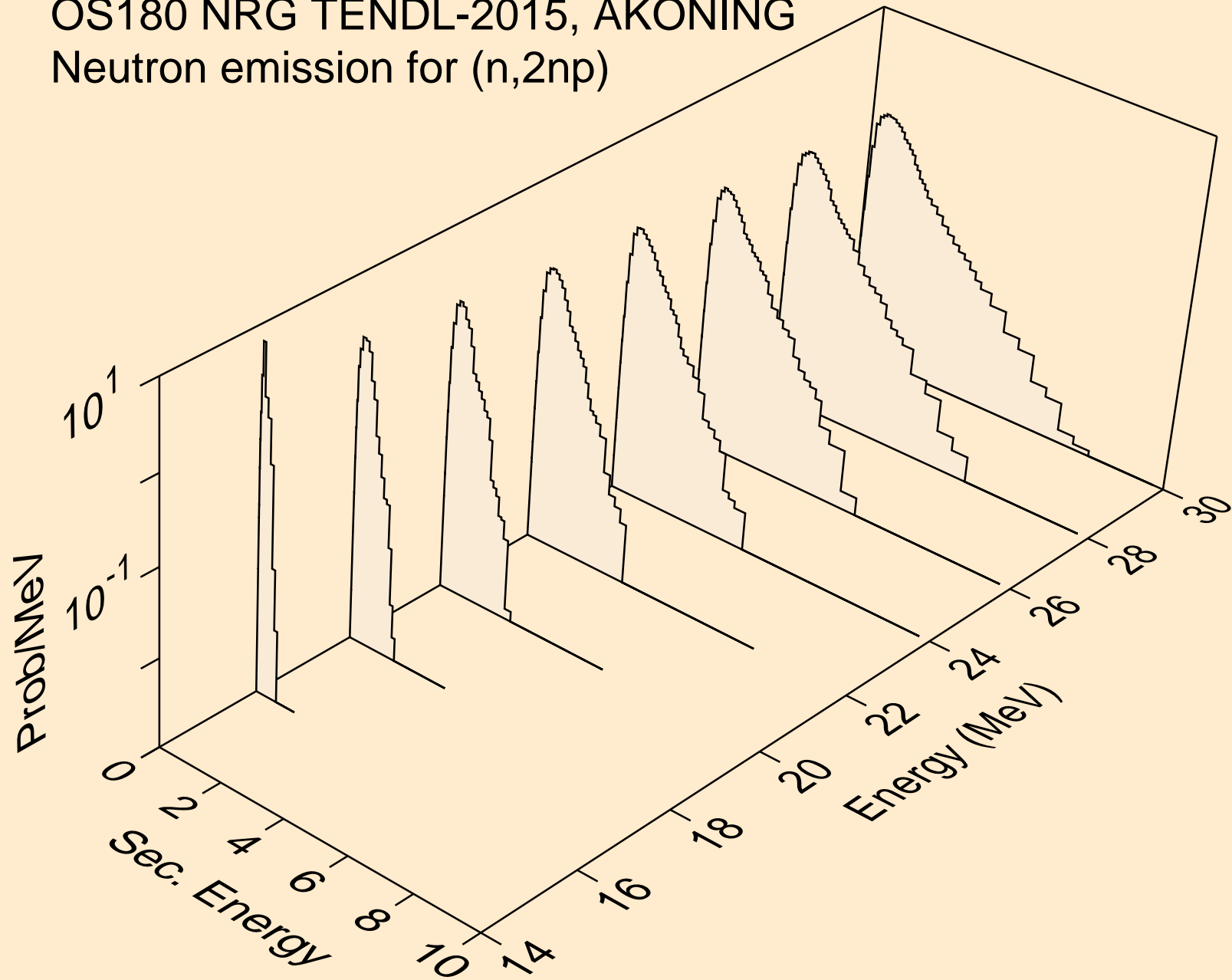
OS180 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



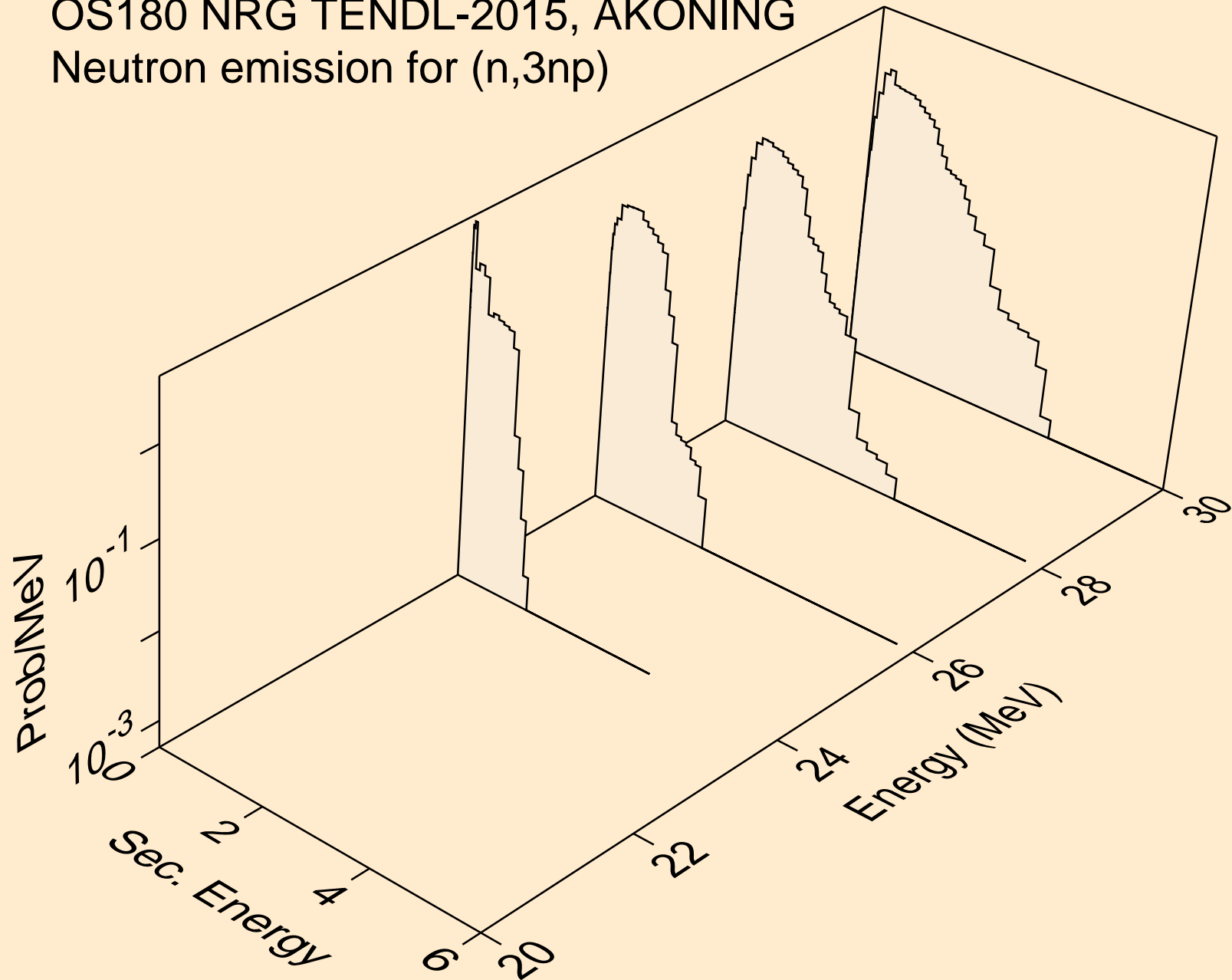
OS180 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



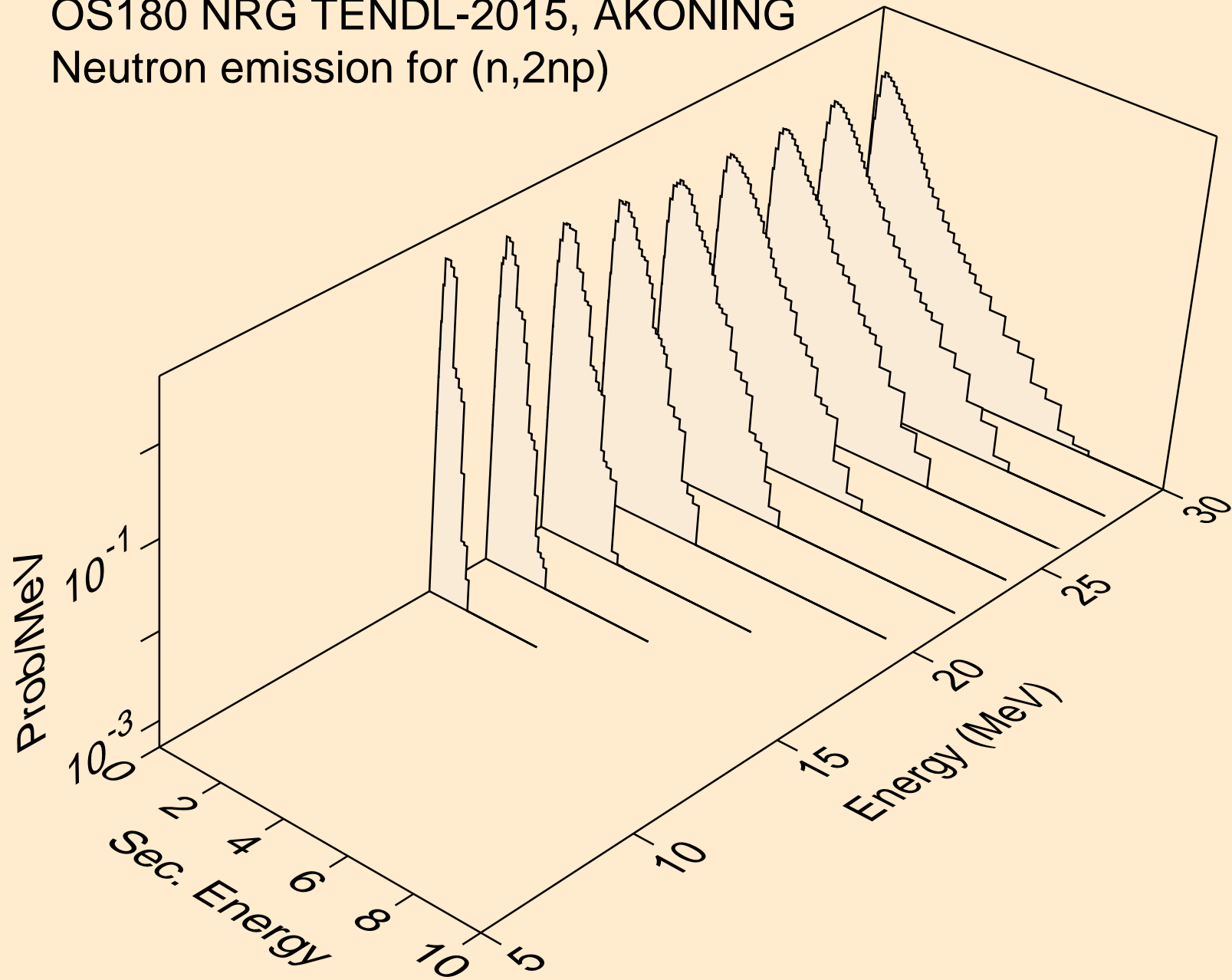
OS180 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



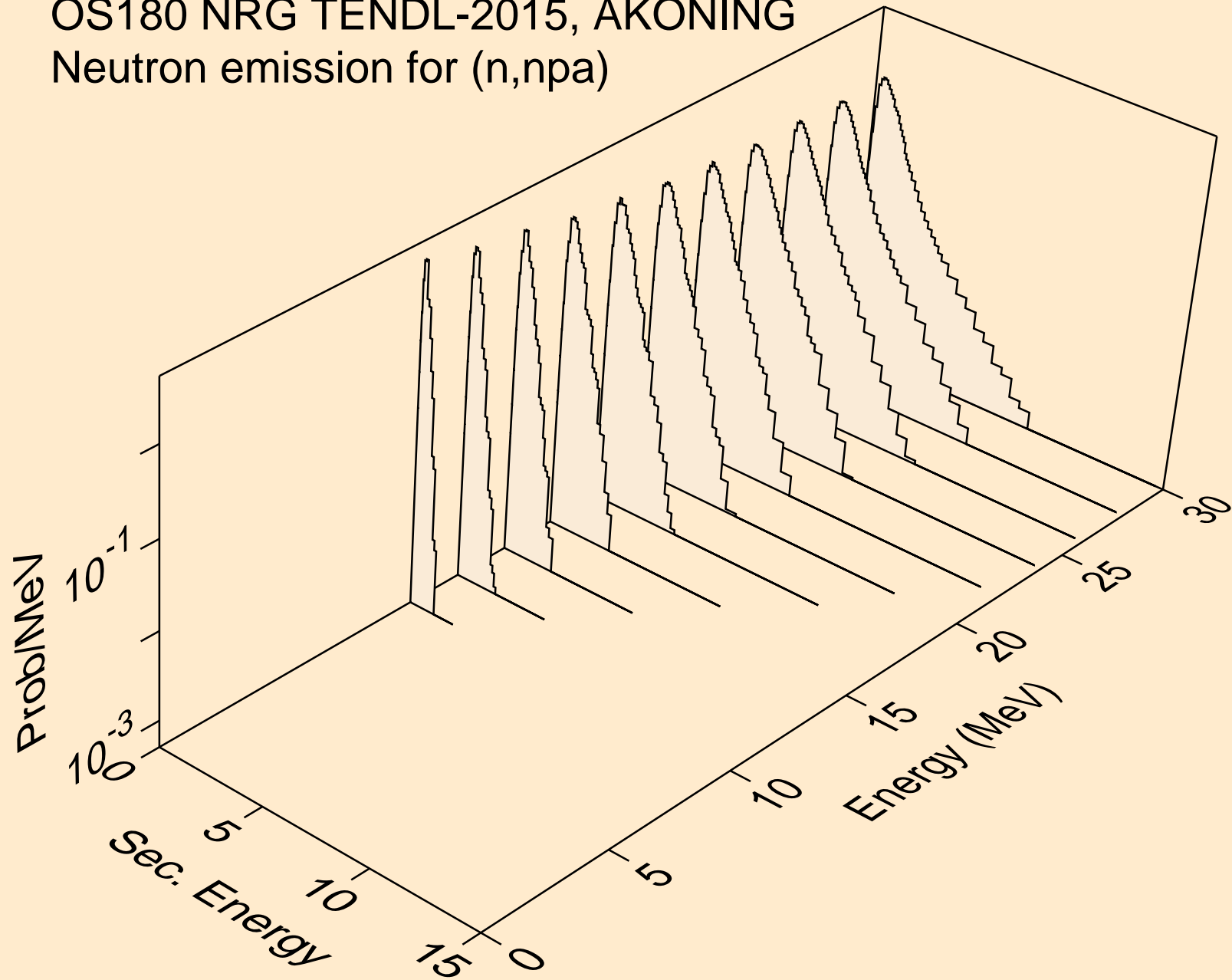
OS180 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



OS180 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

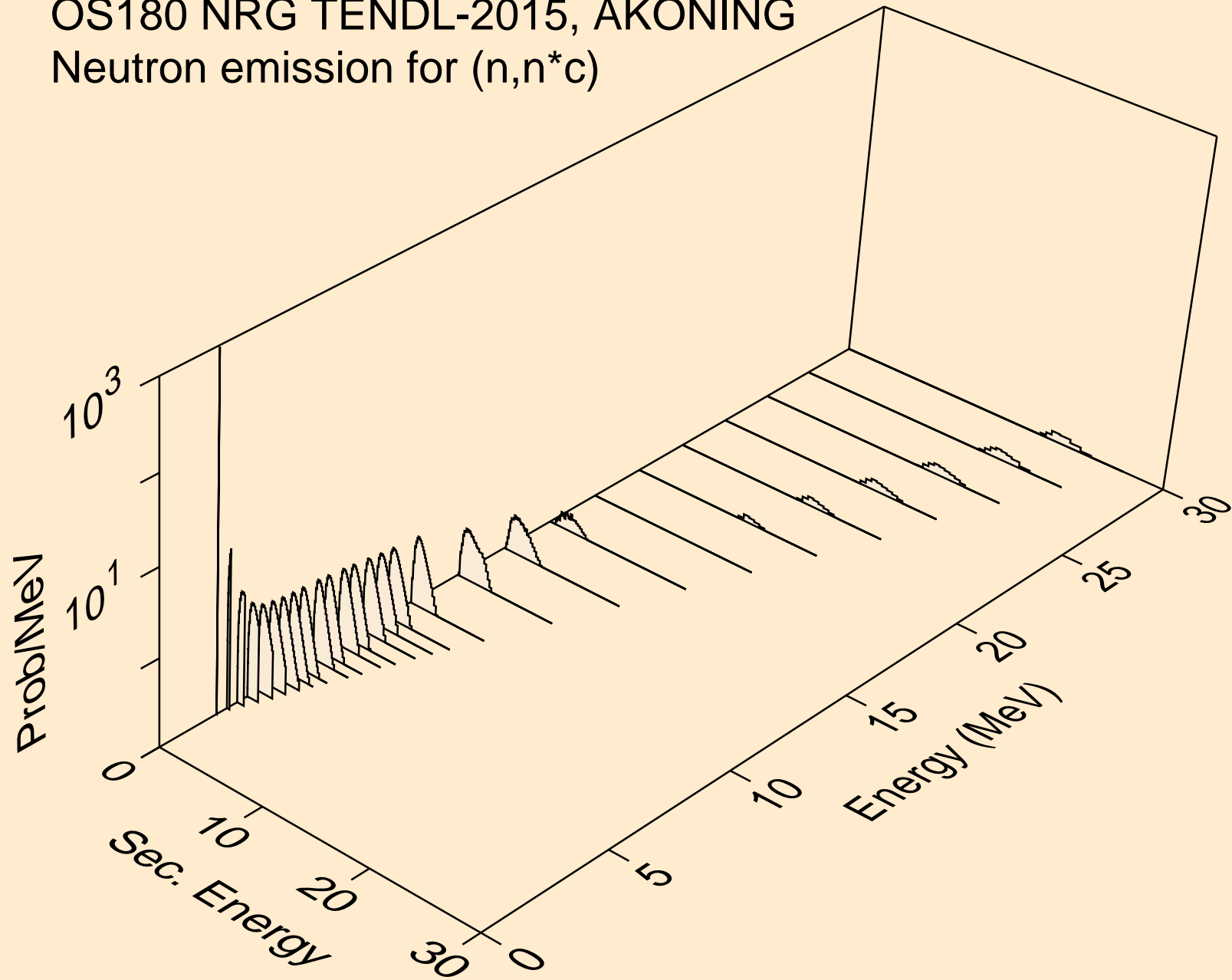


OS180 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

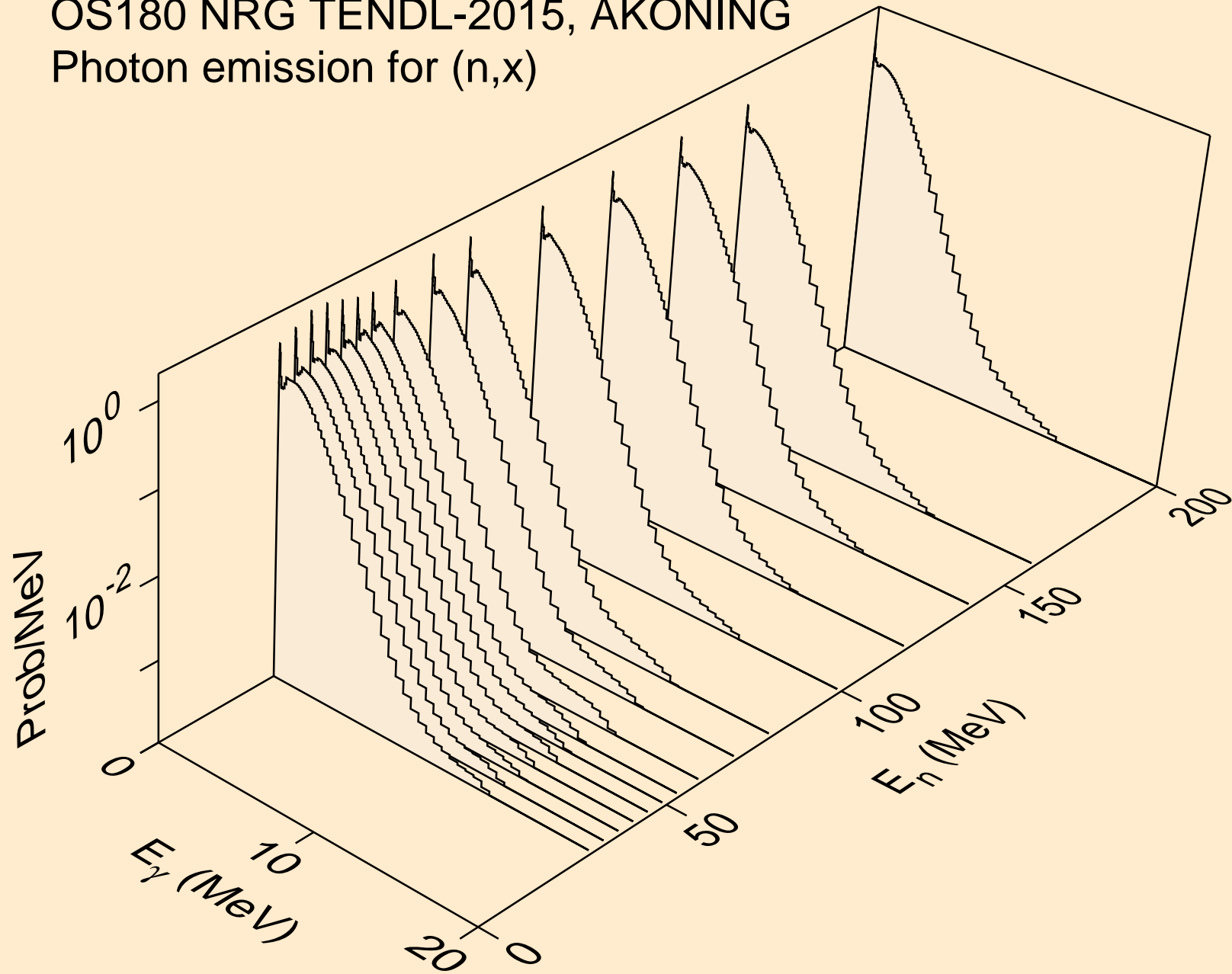




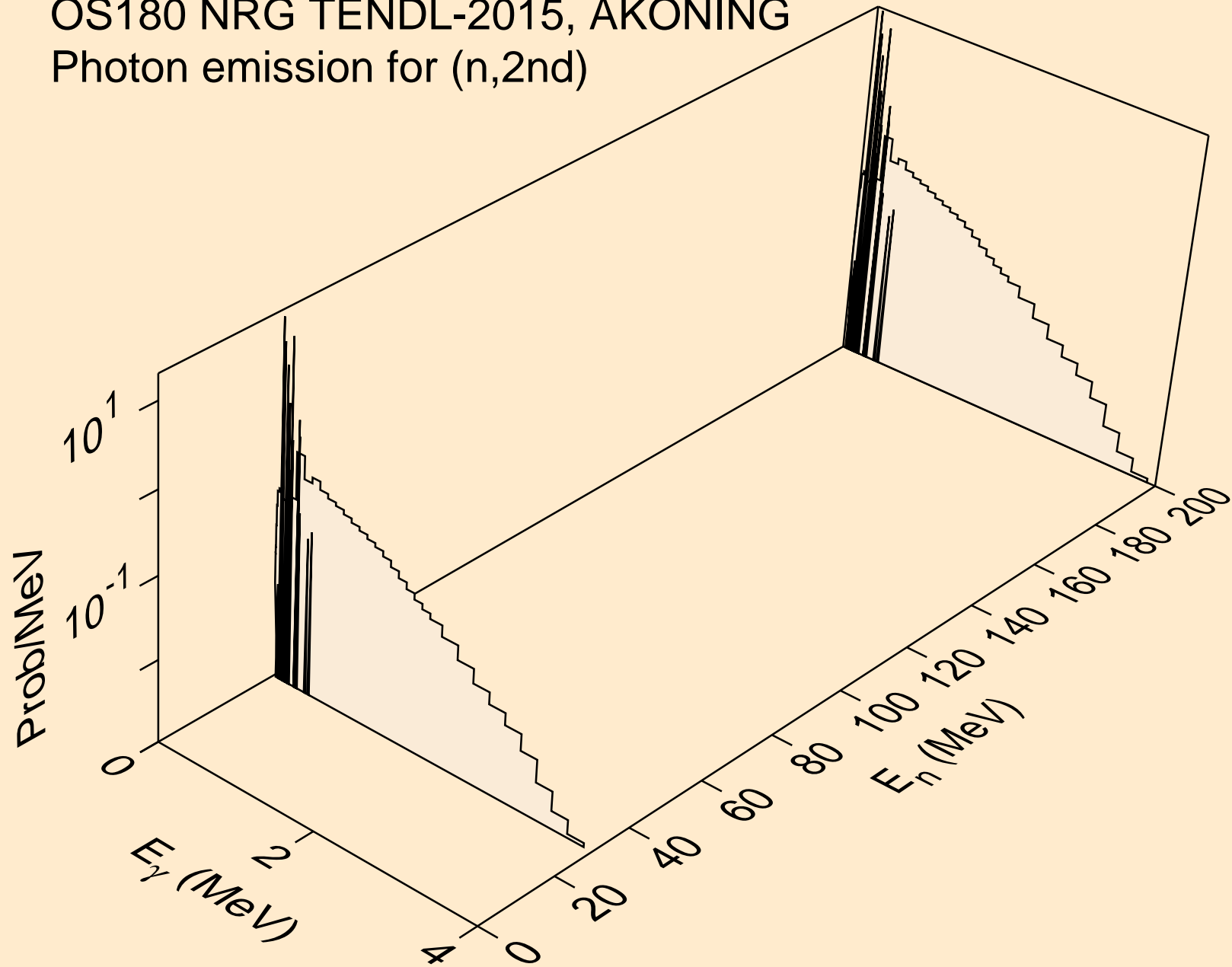
OS180 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



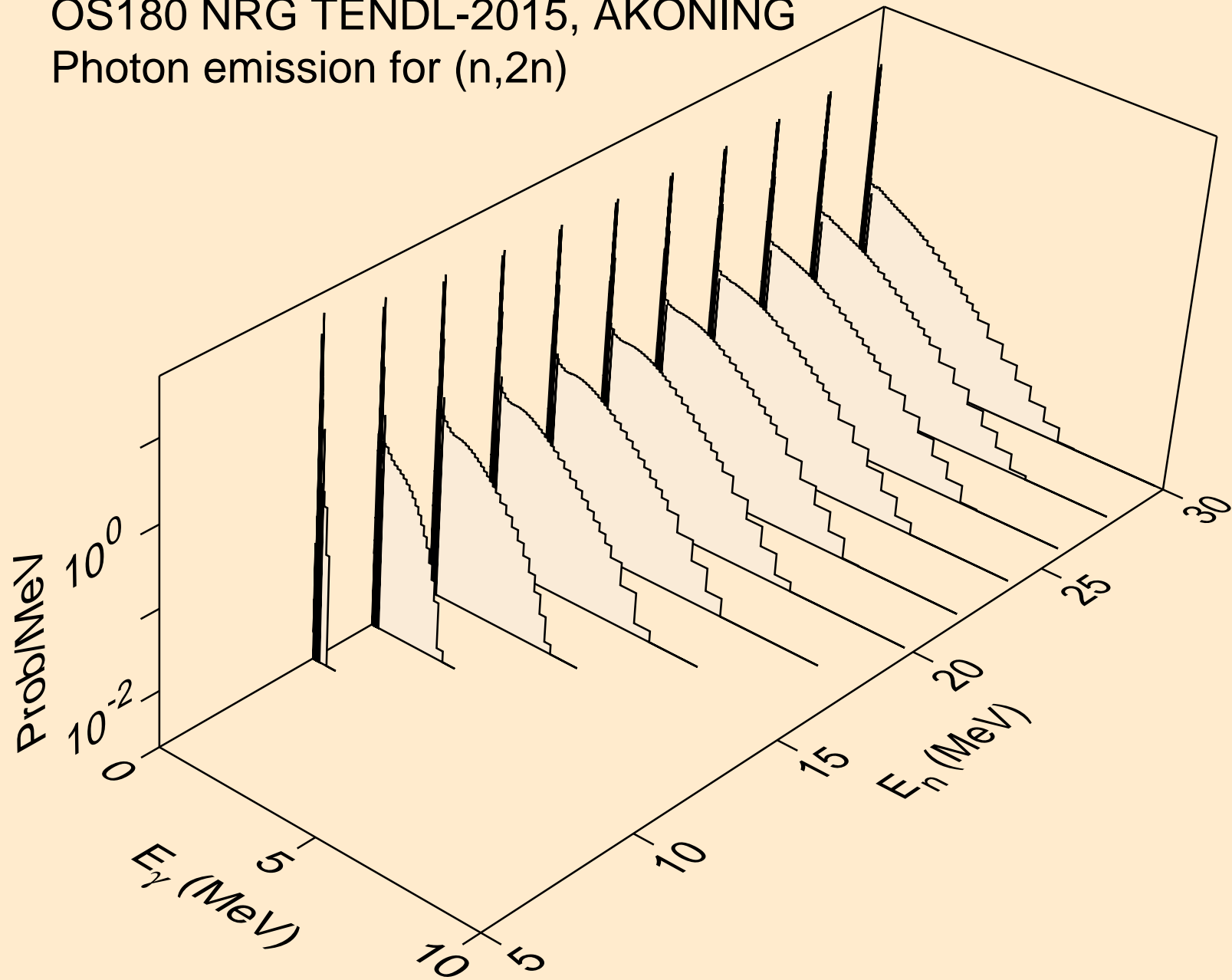
OS180 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



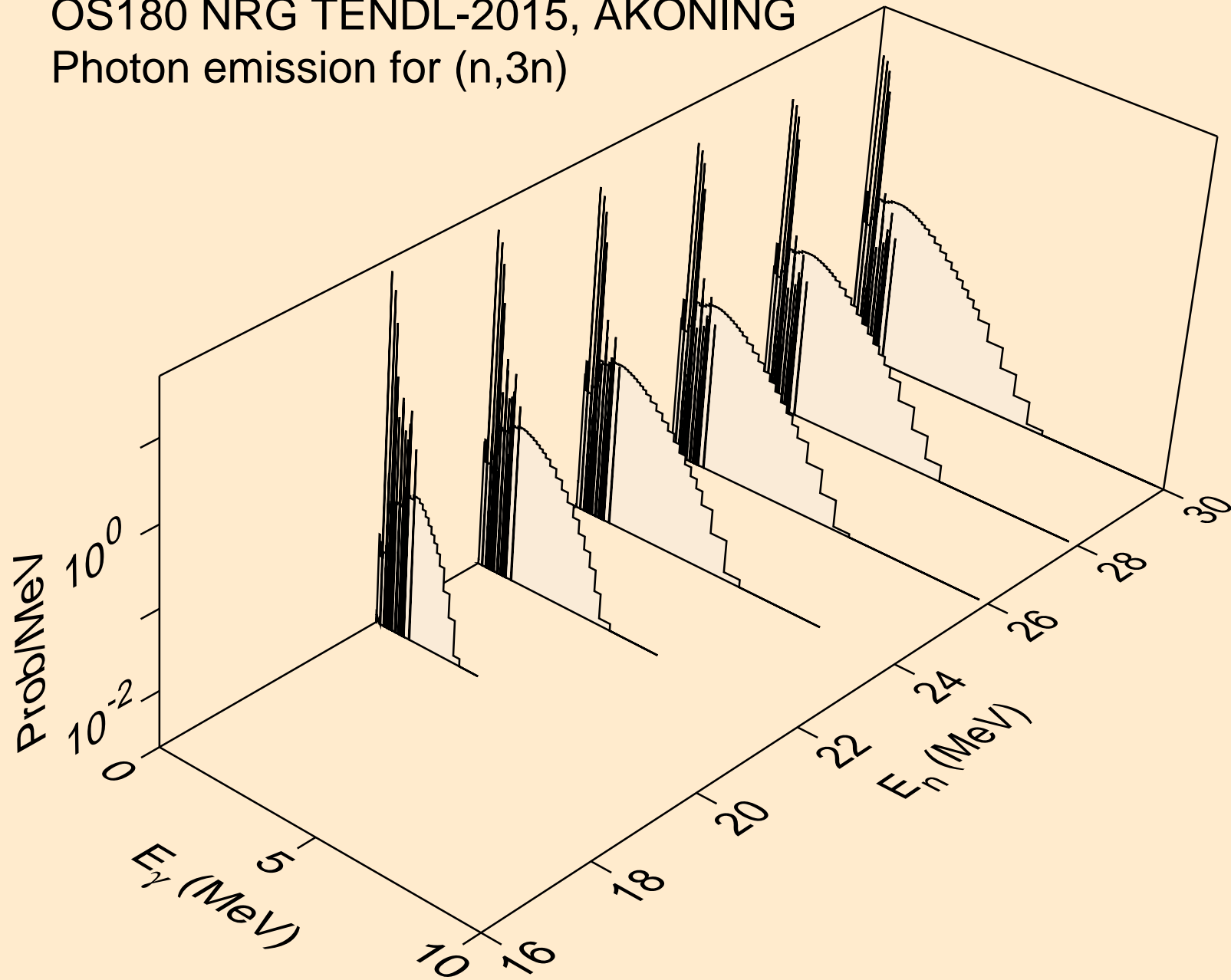
OS180 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



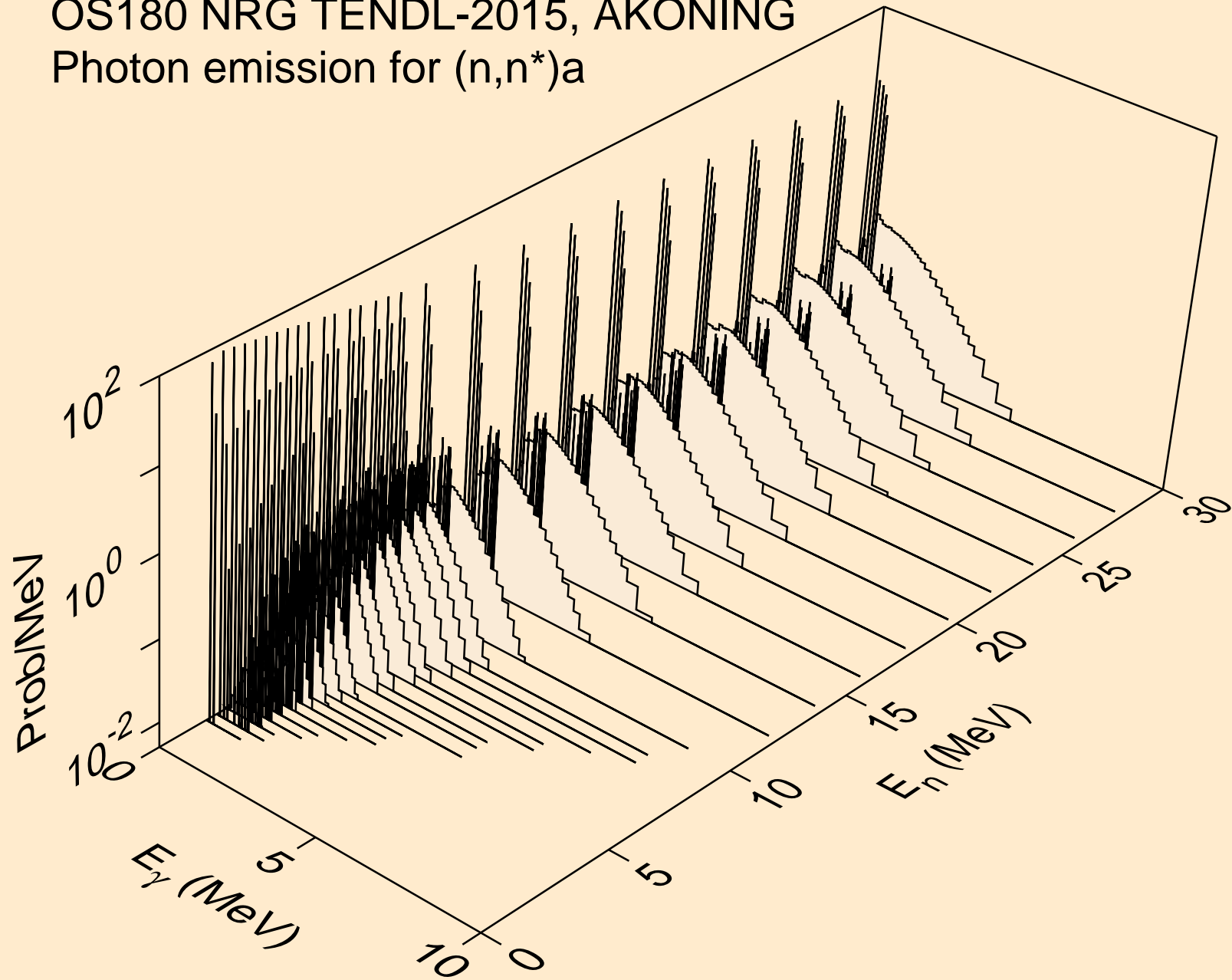
OS180 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



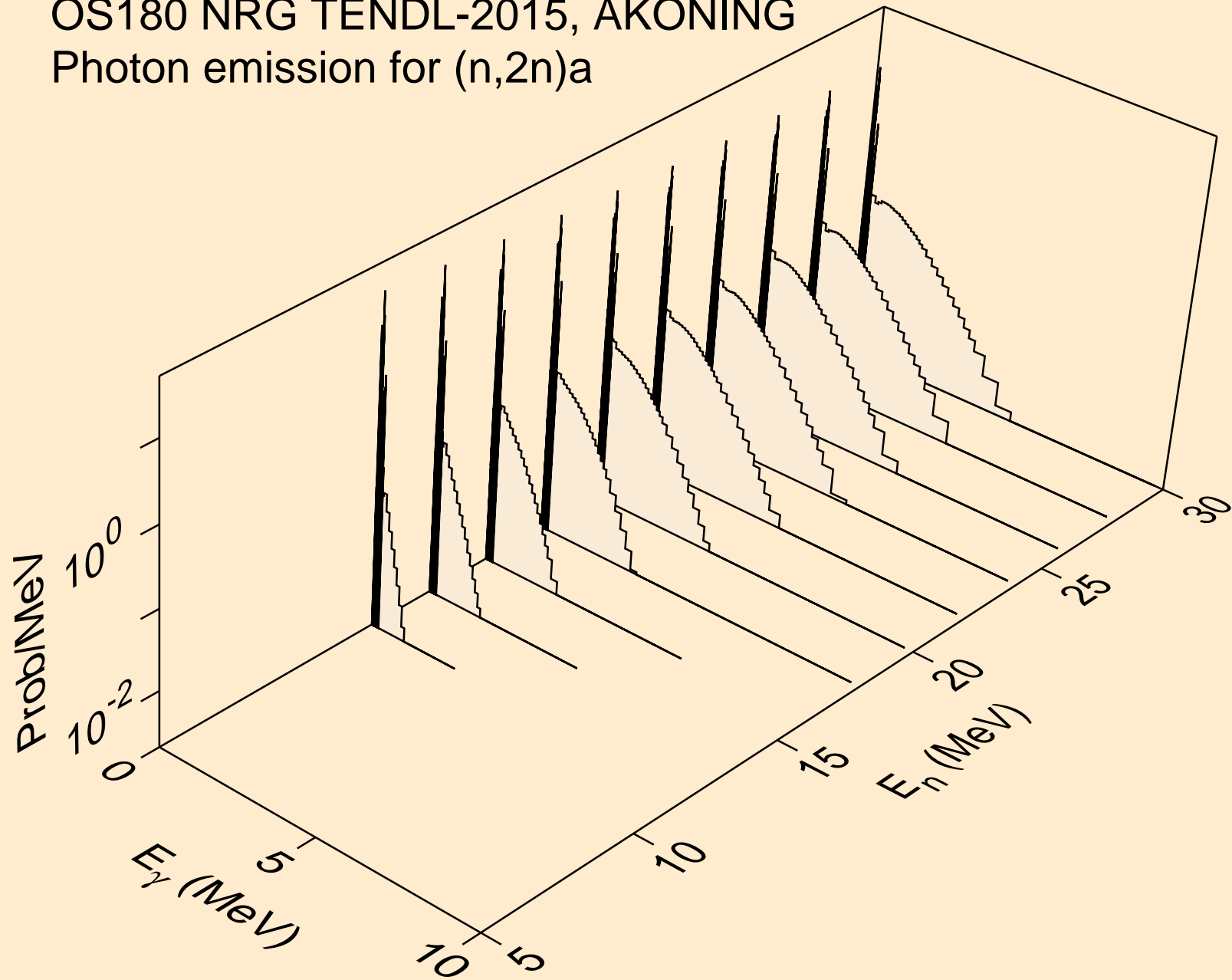
OS180 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



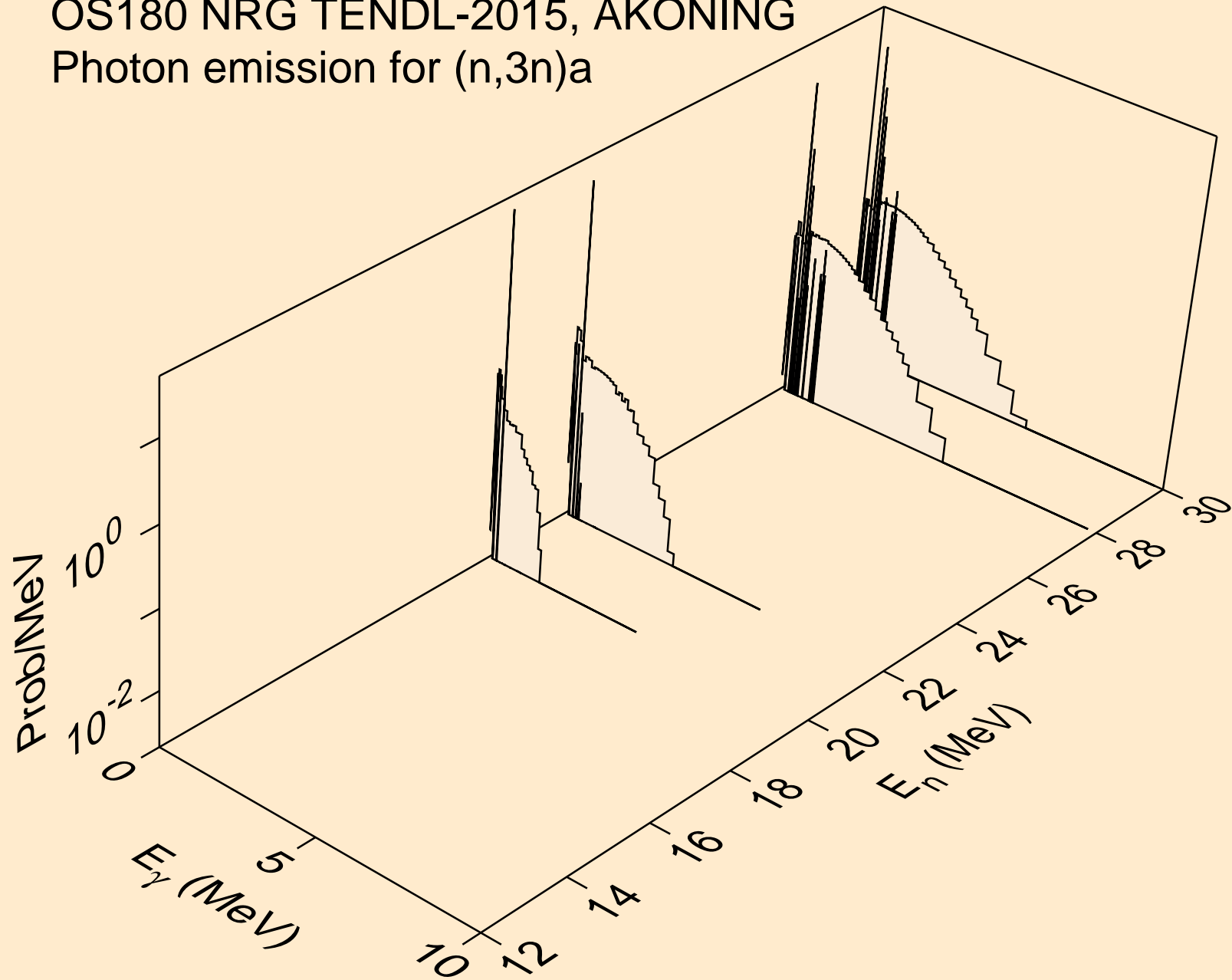
OS180 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



OS180 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

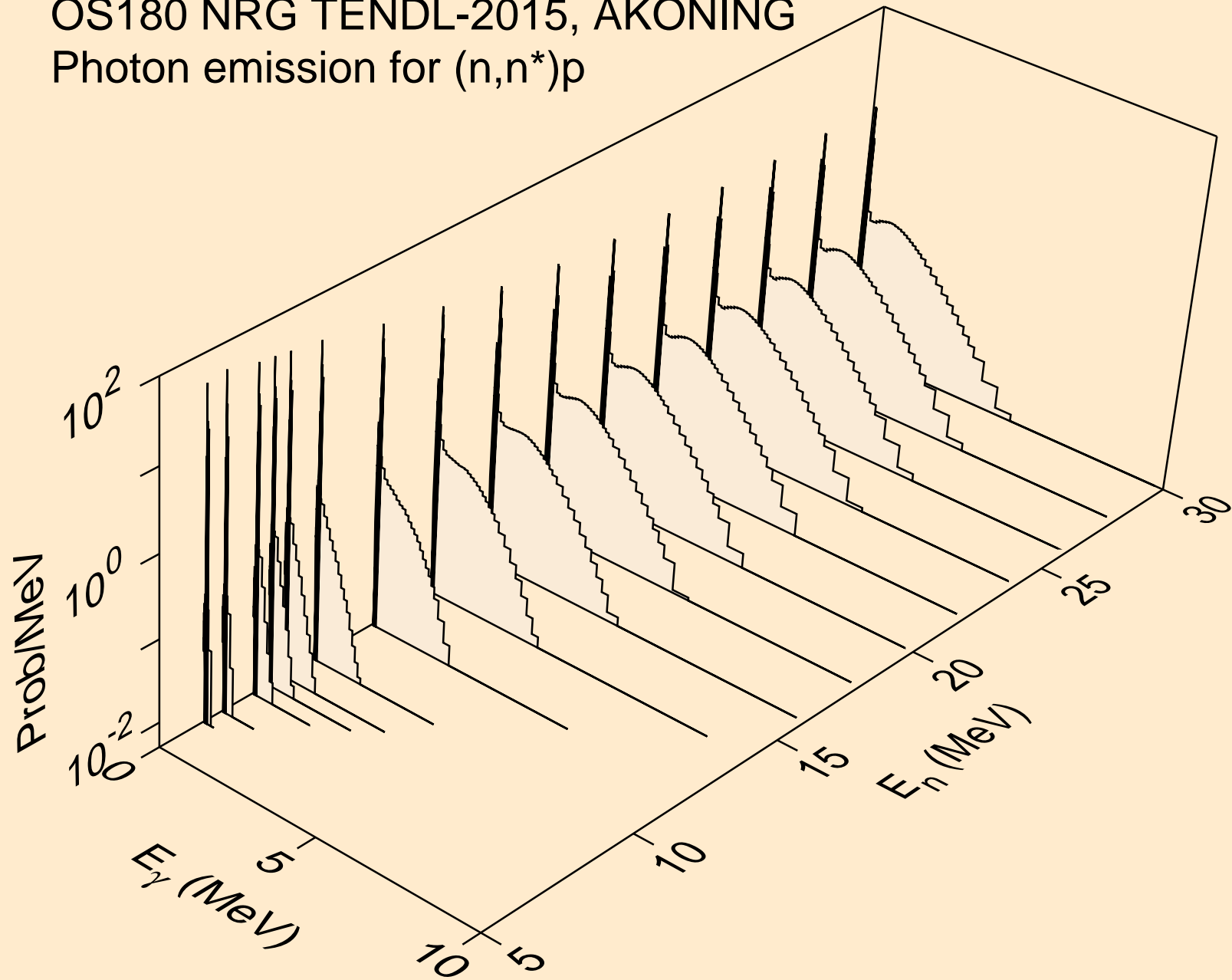


OS180 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

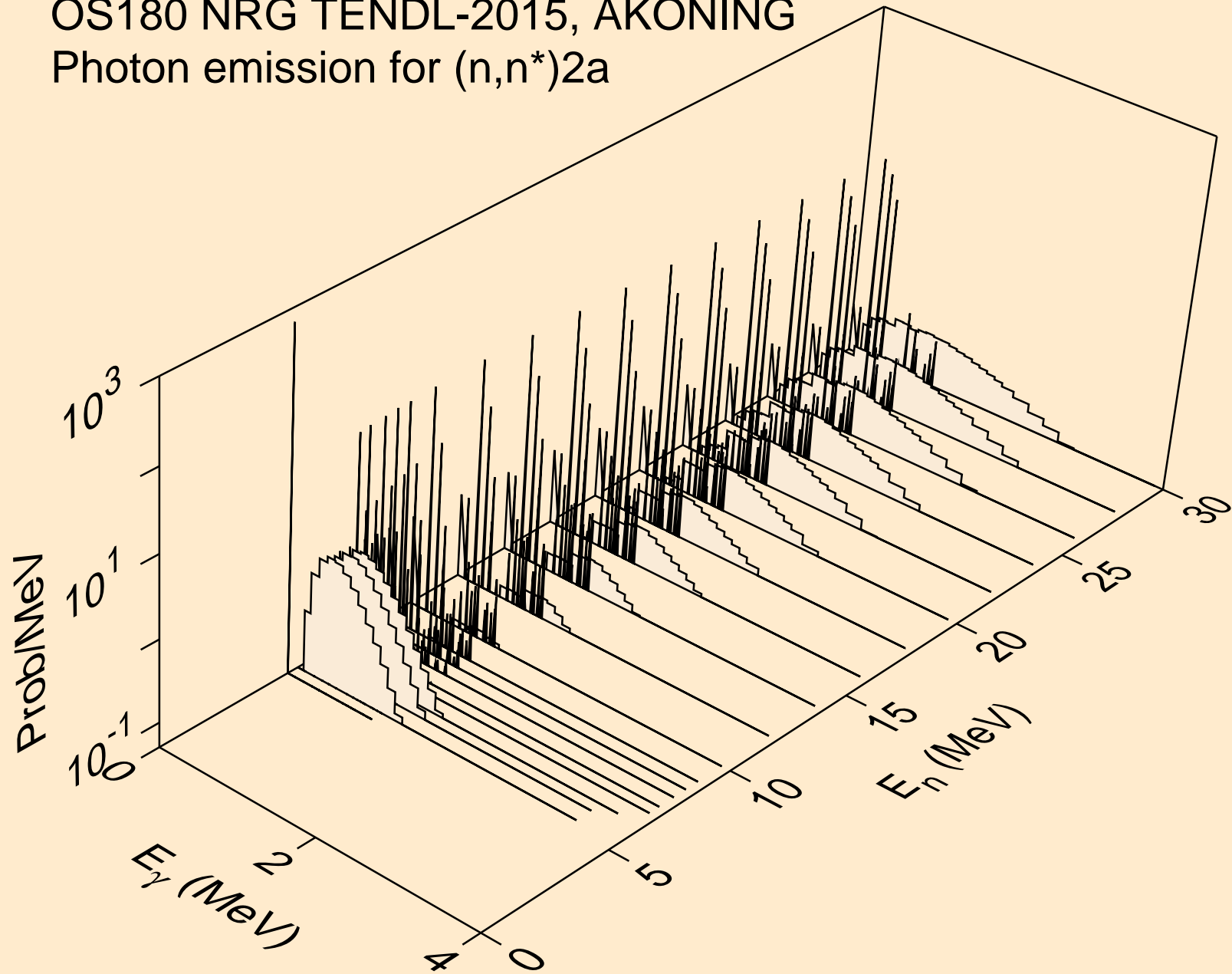




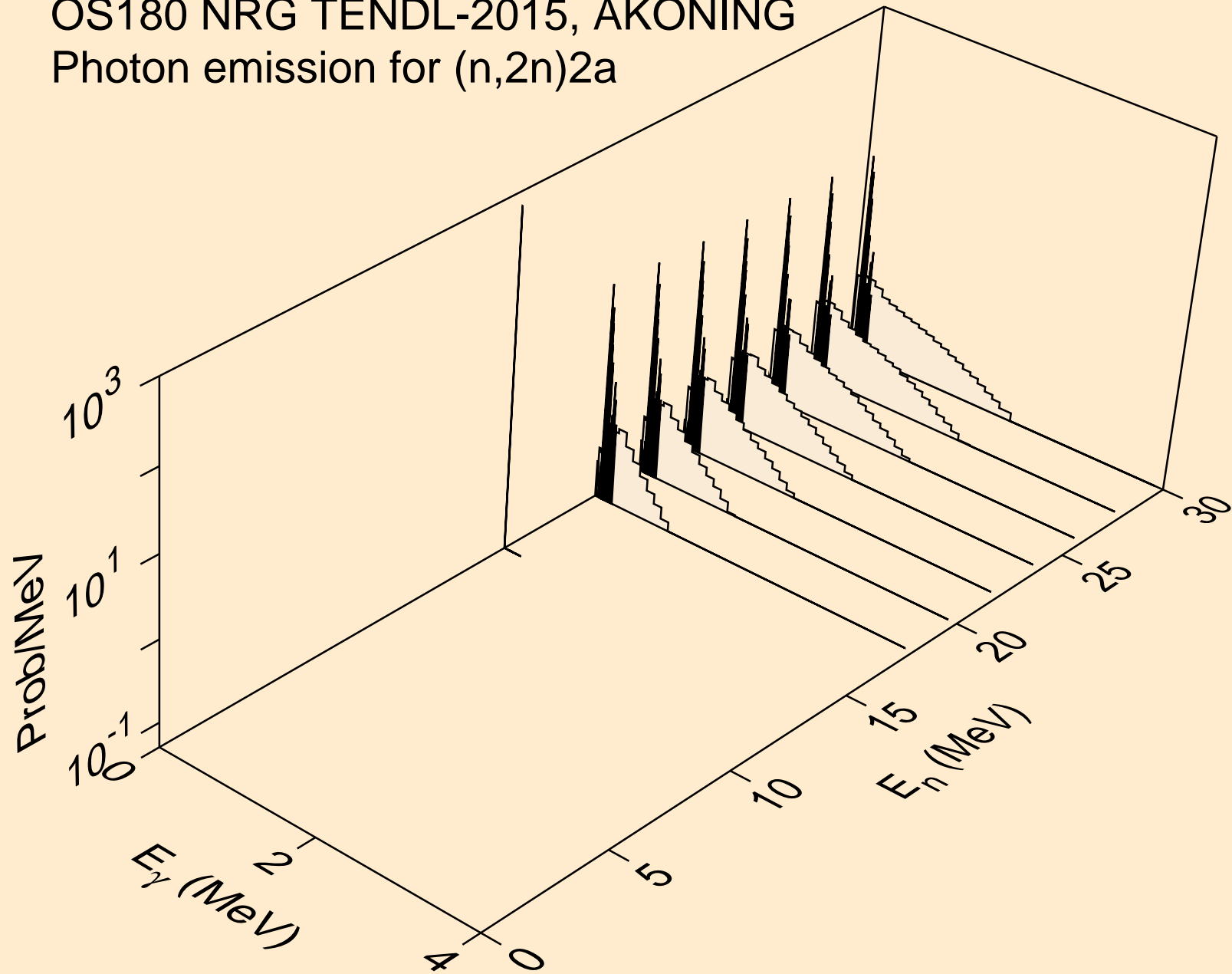
OS180 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



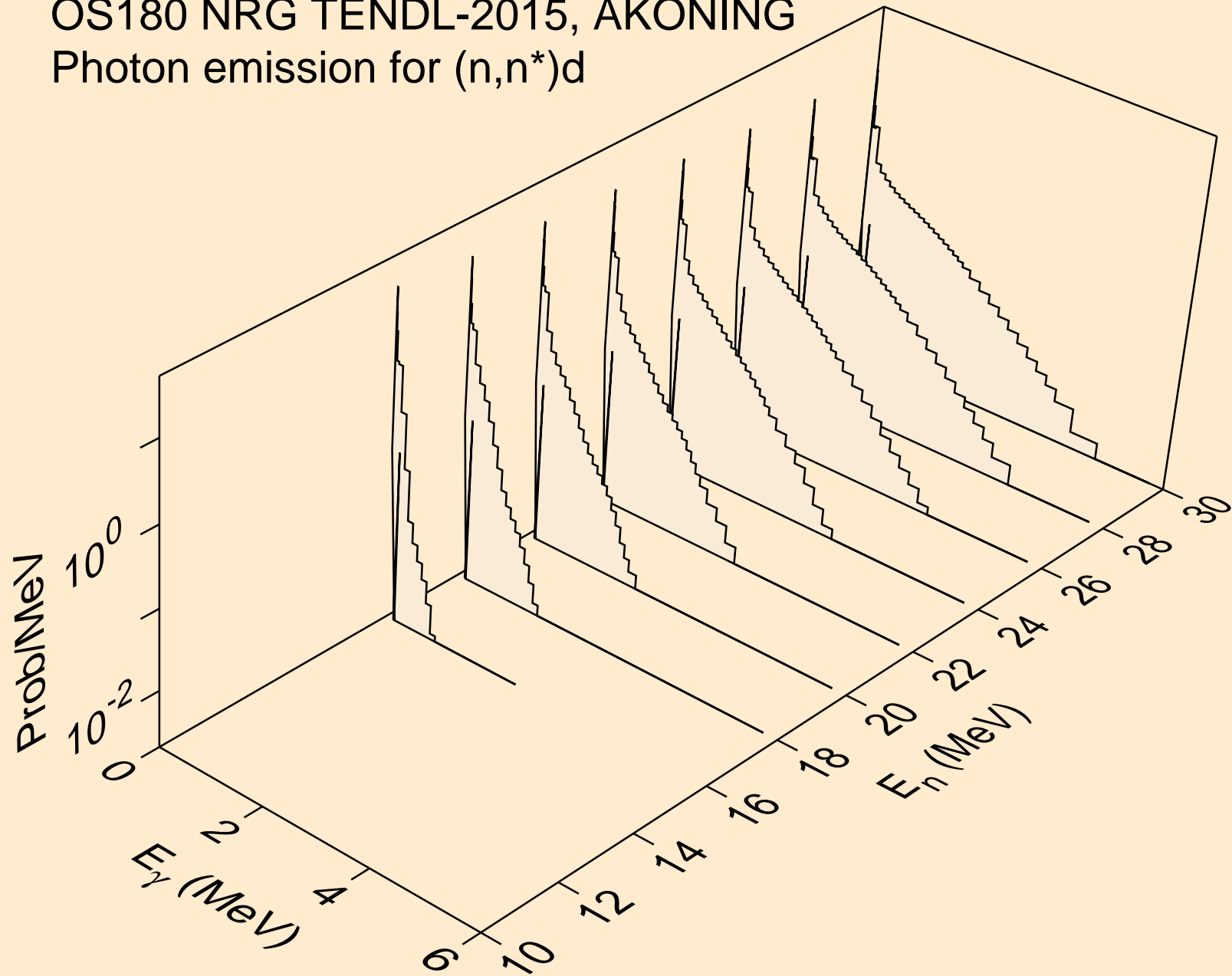
OS180 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



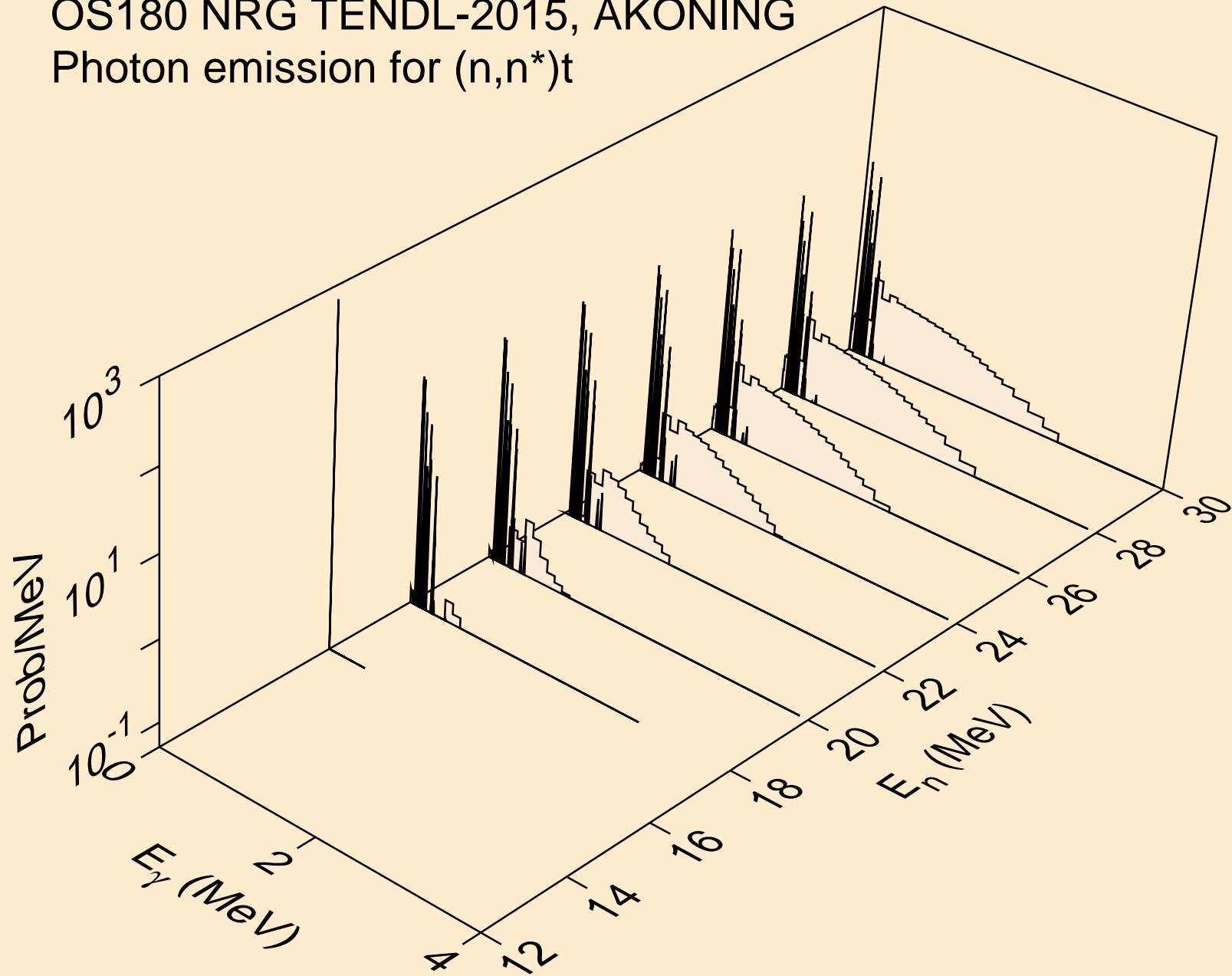
OS180 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



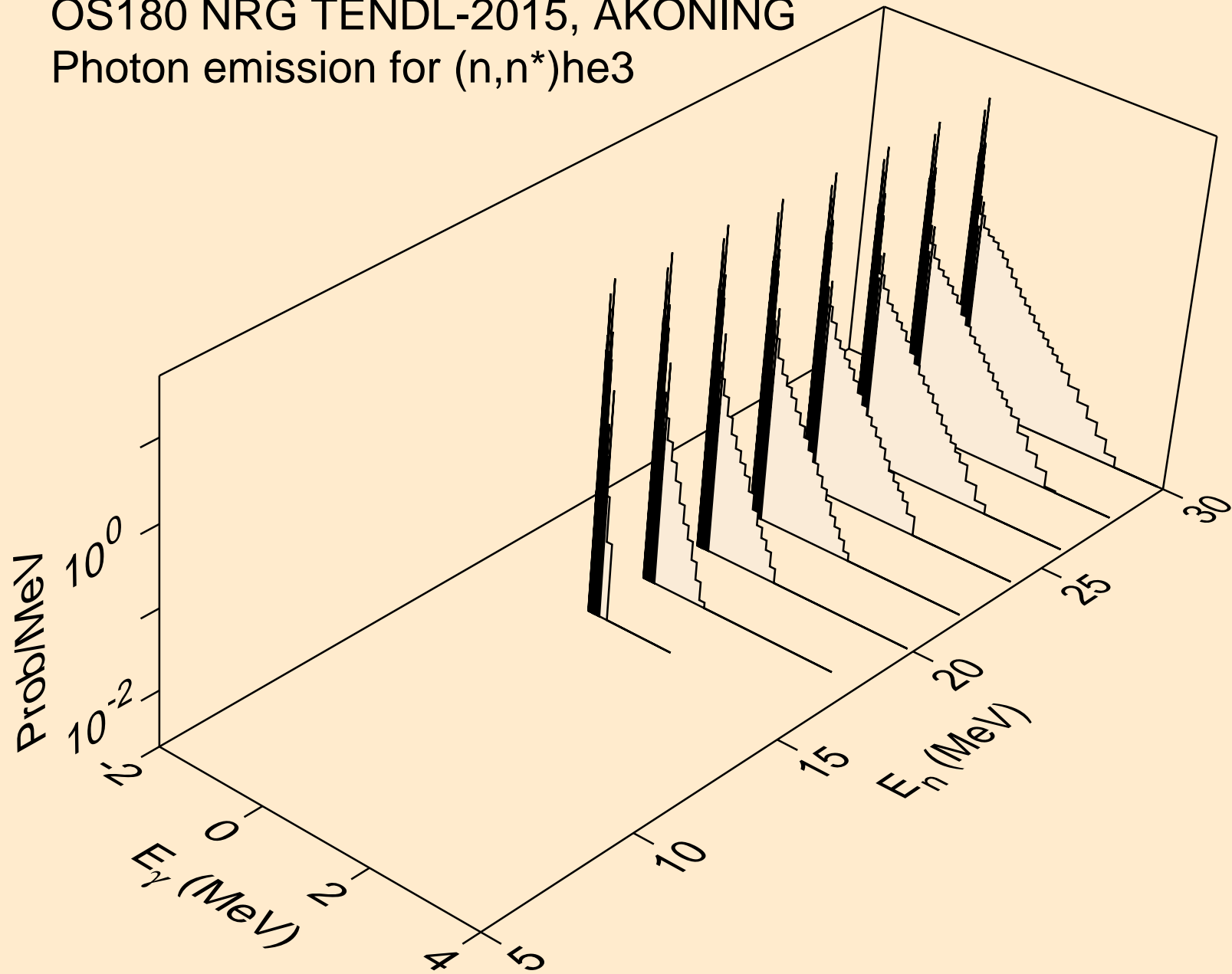
OS180 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



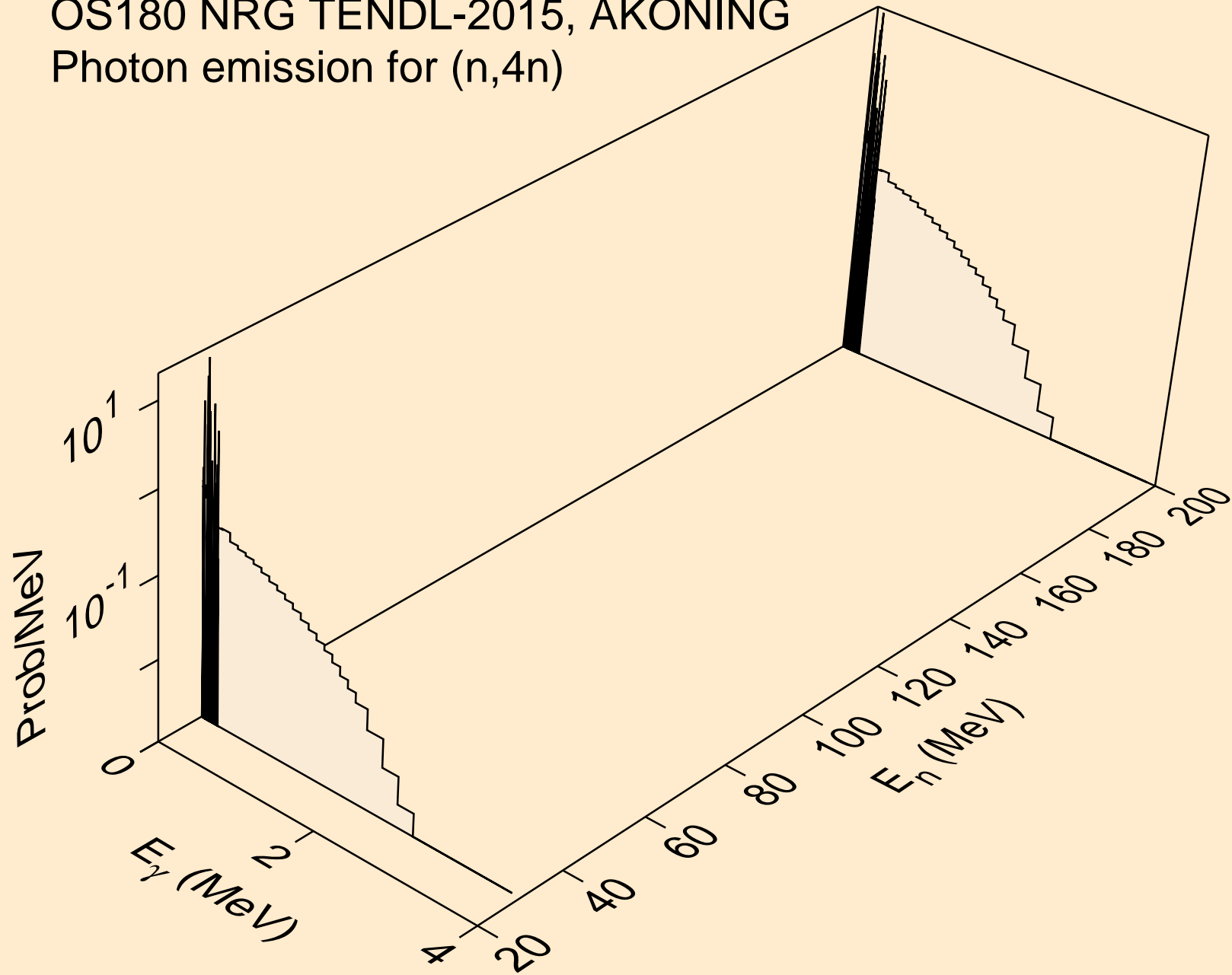
OS180 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



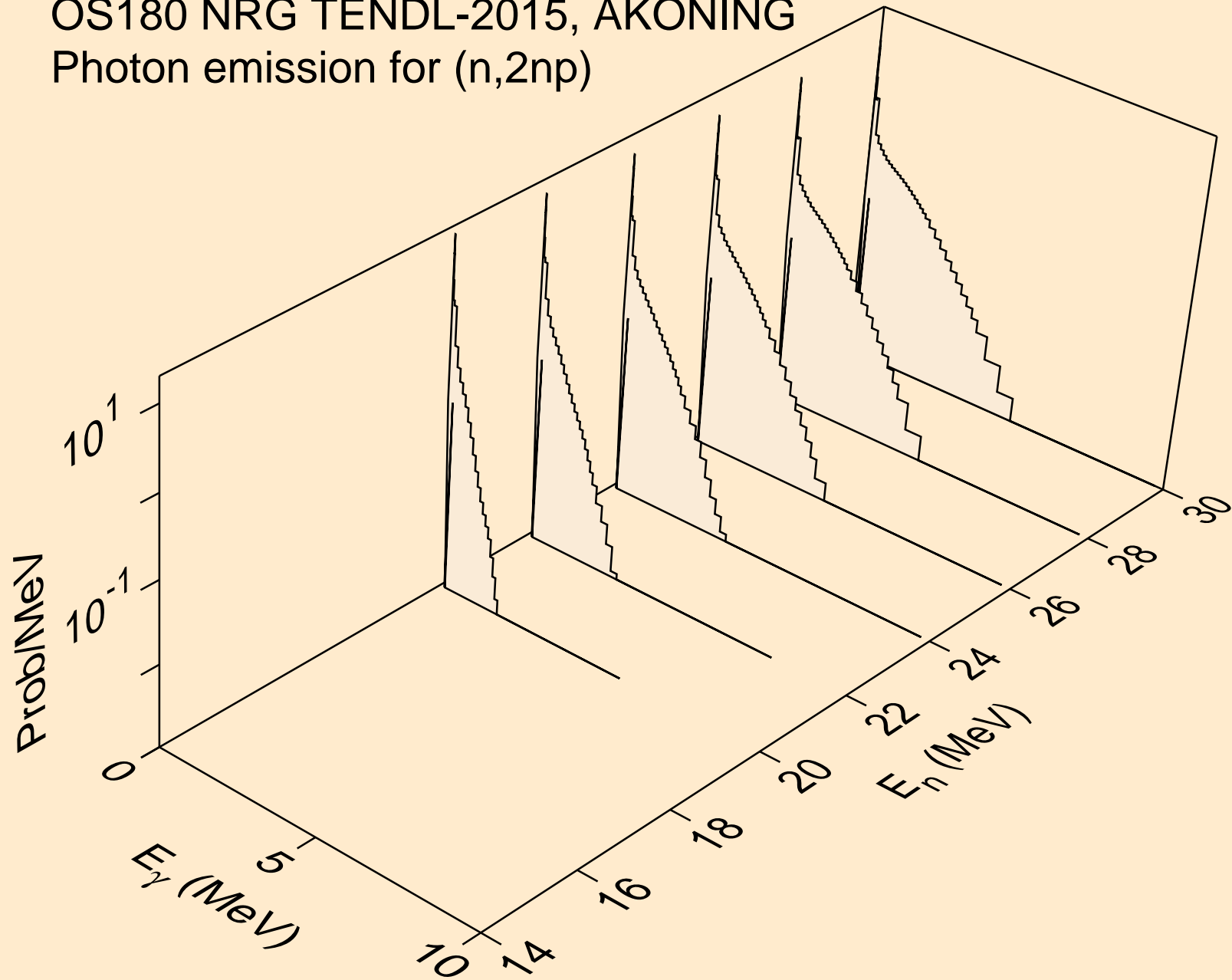
OS180 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



OS180 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)

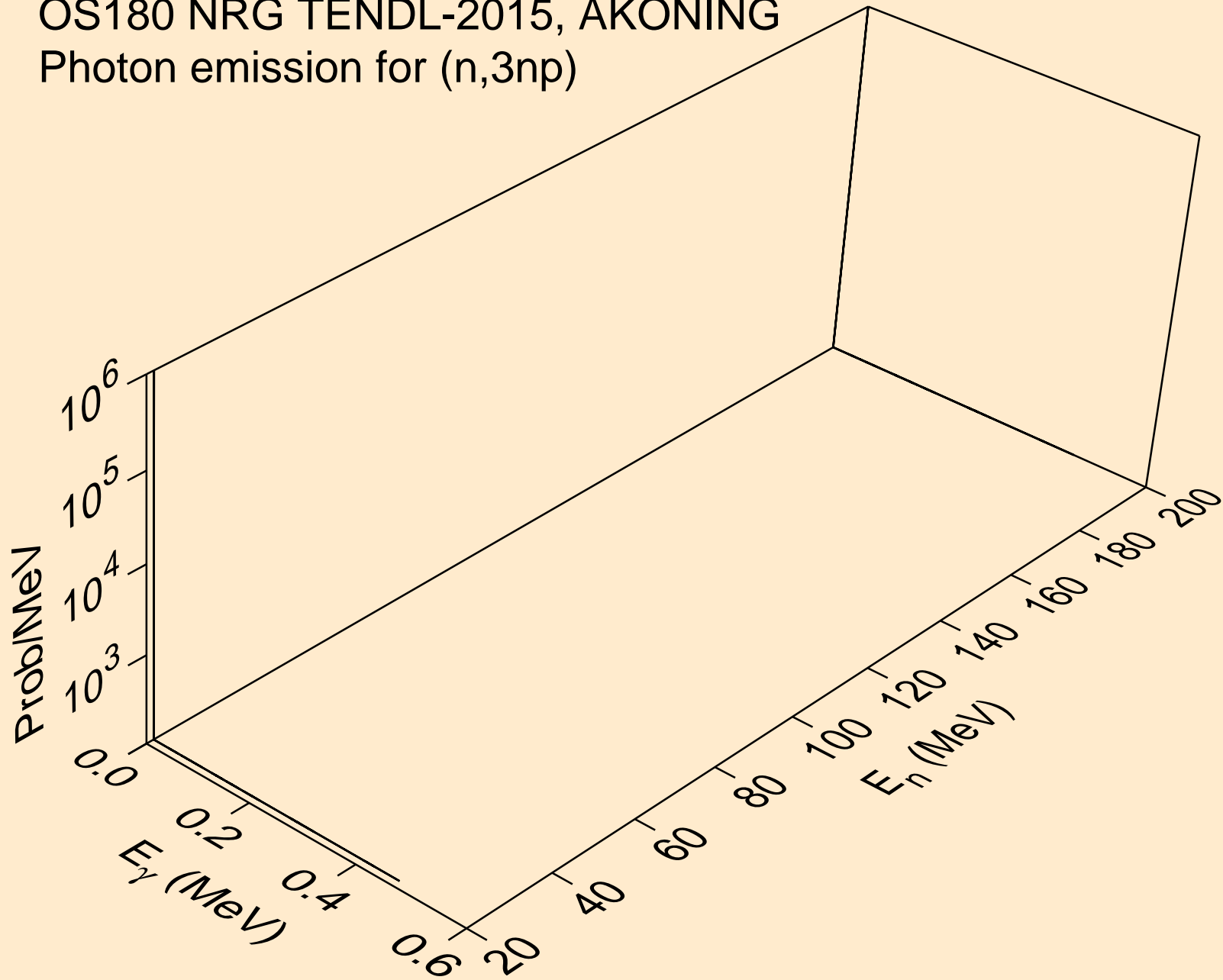


OS180 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

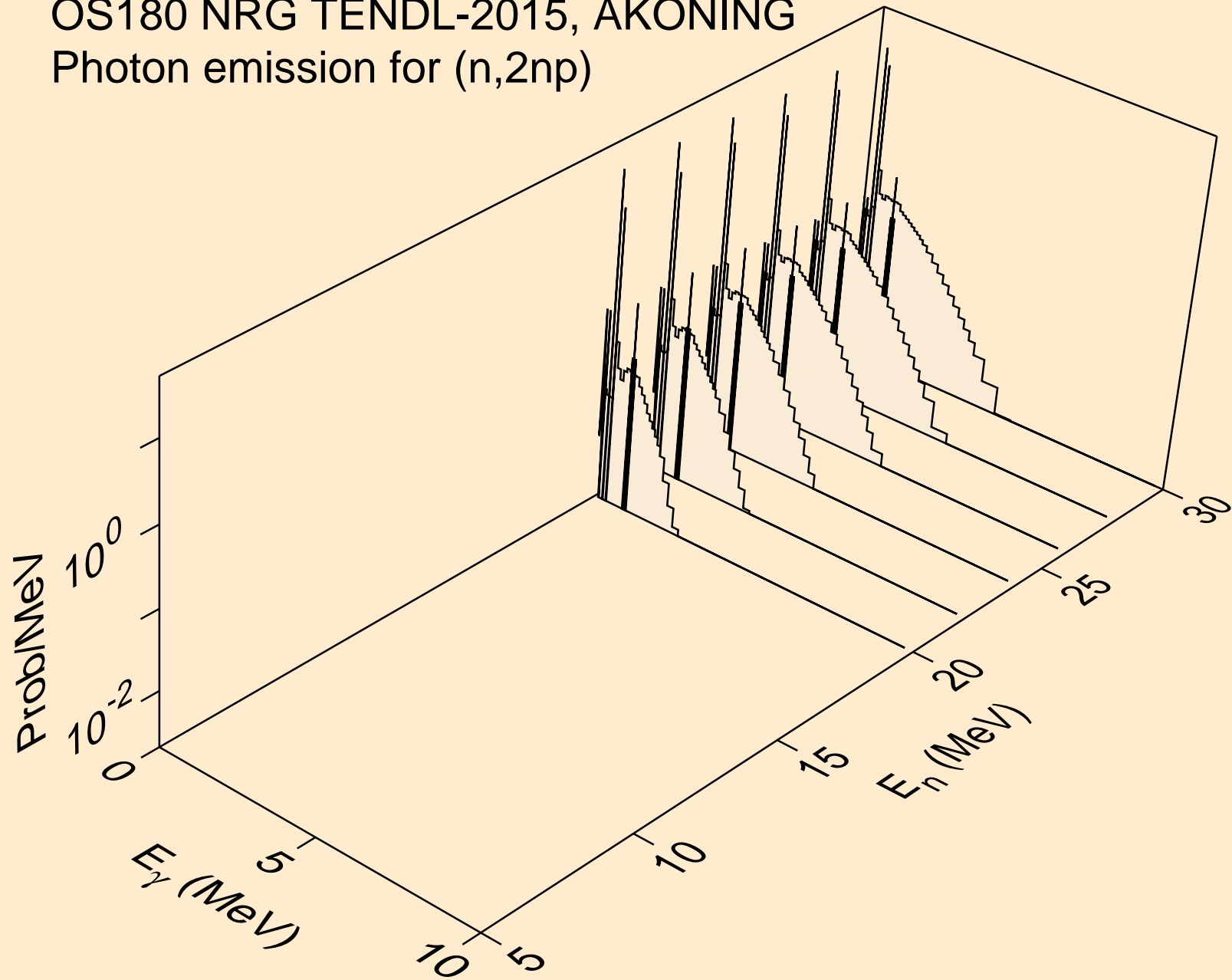




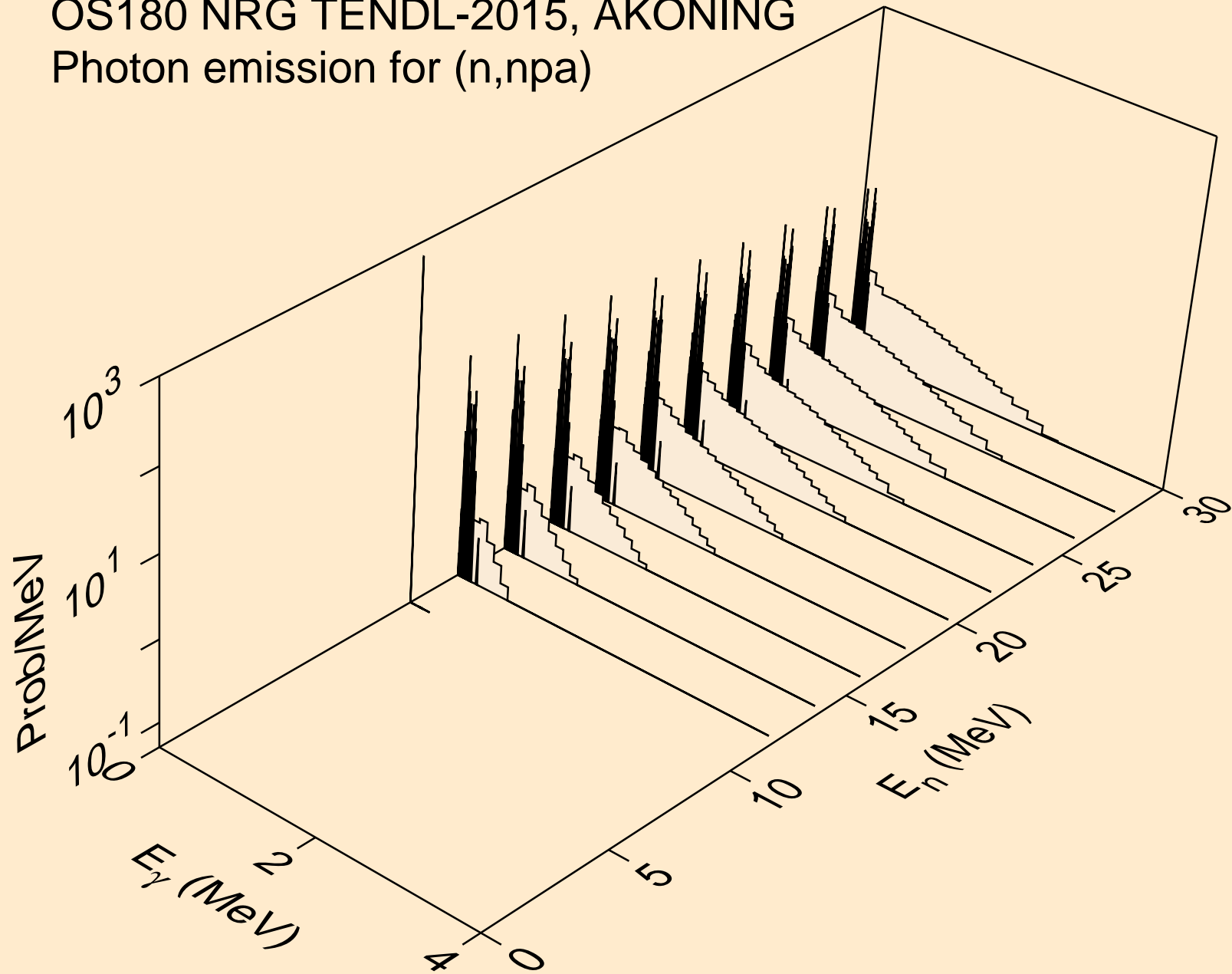
OS180 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



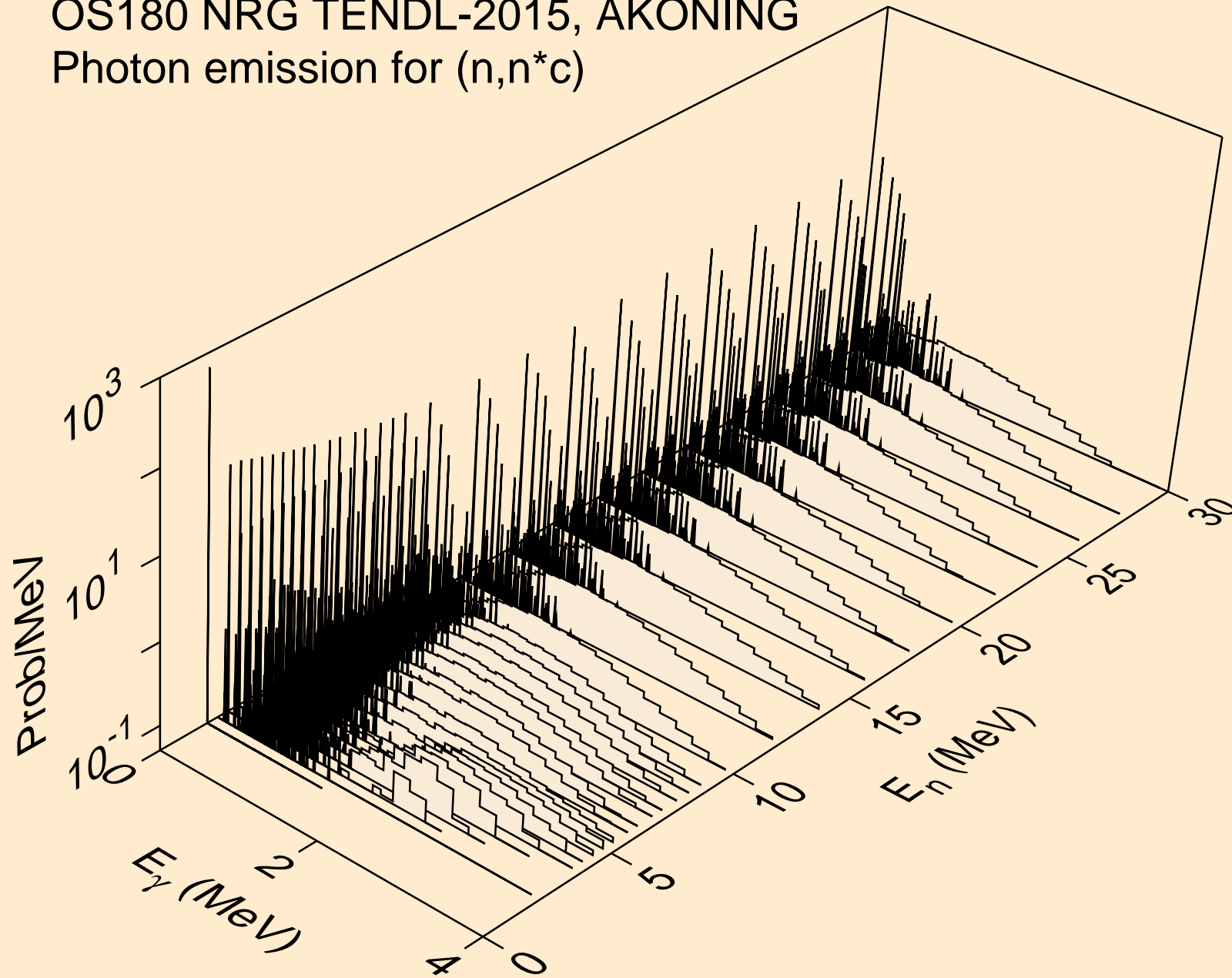
OS180 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



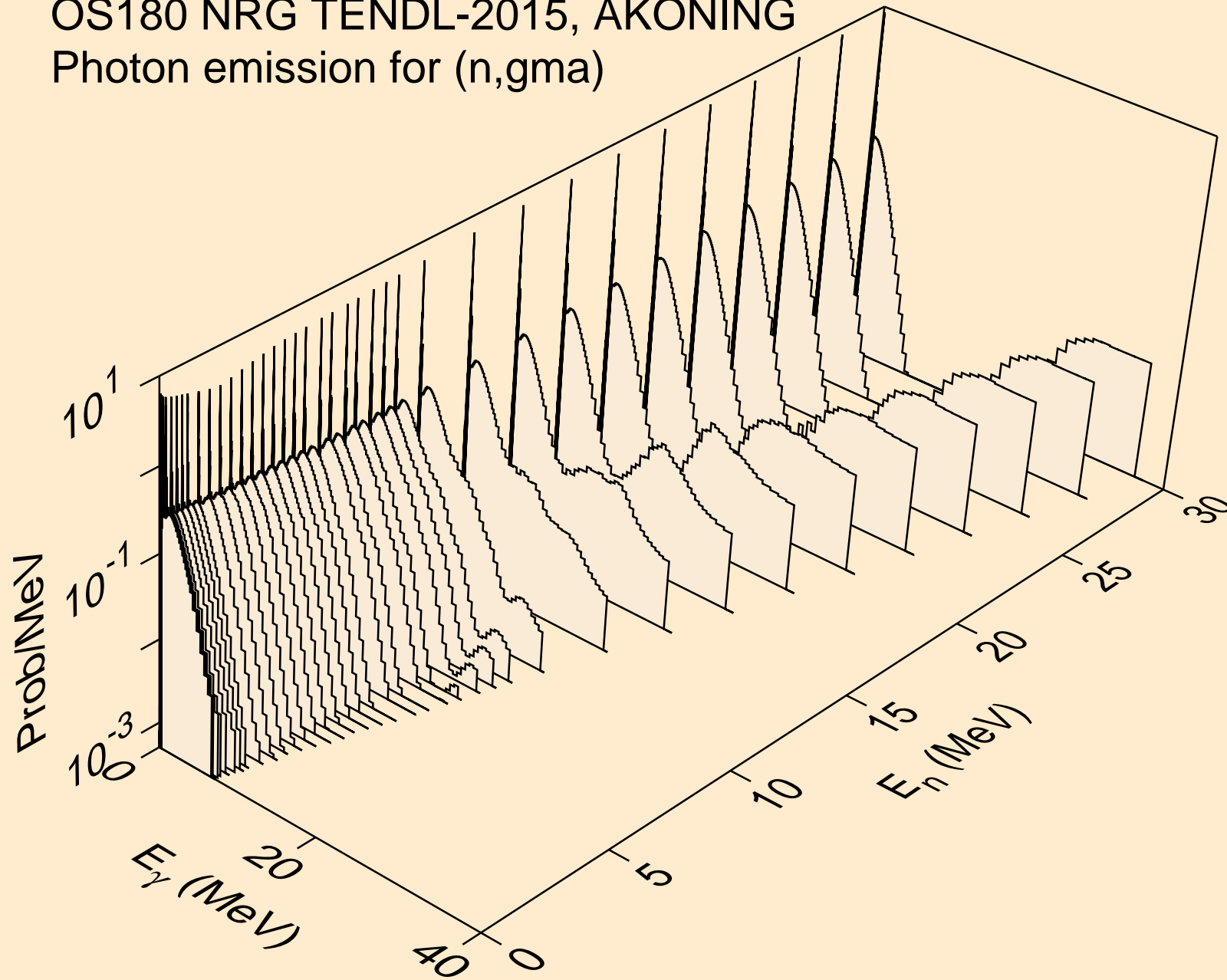
OS180 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



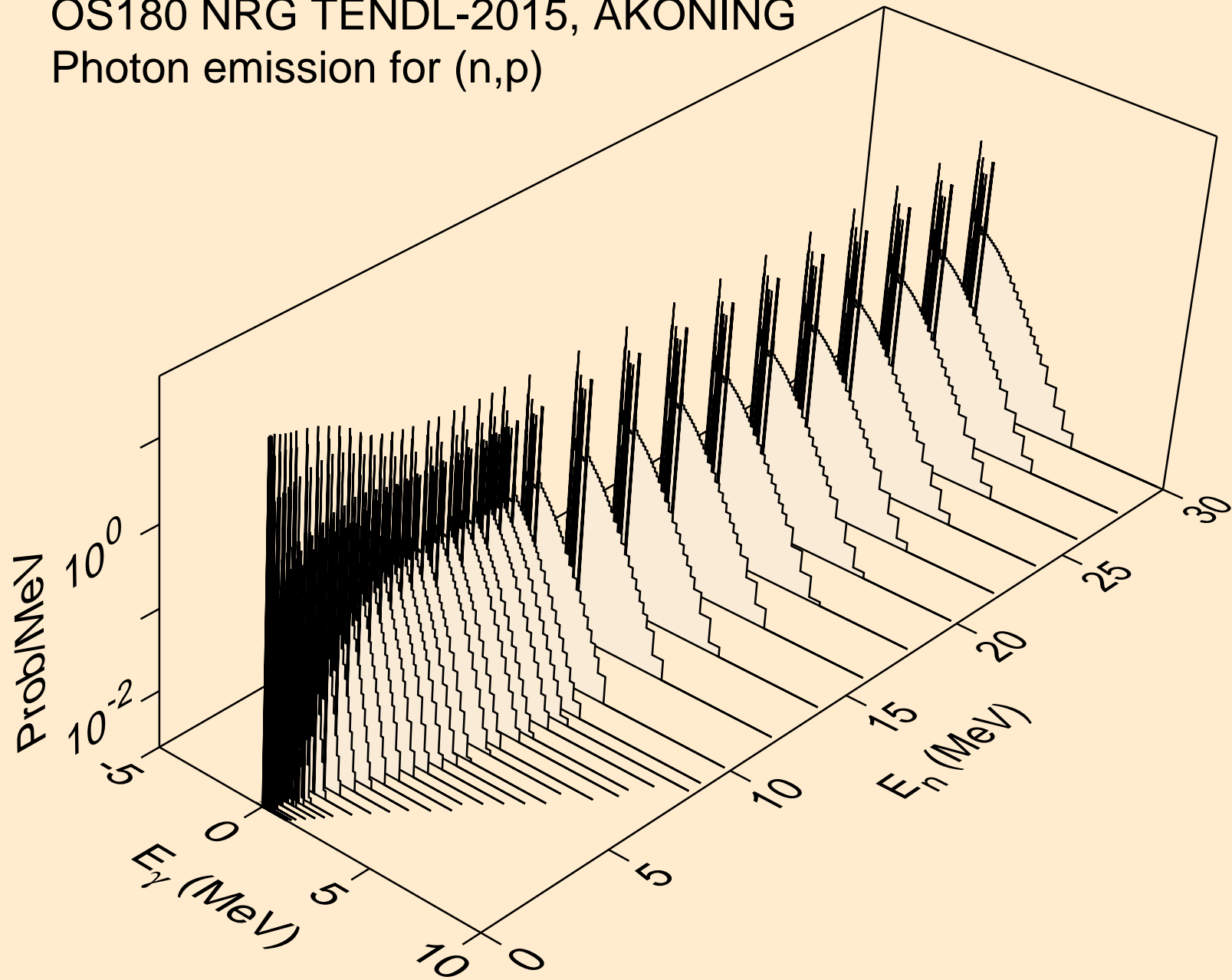
OS180 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



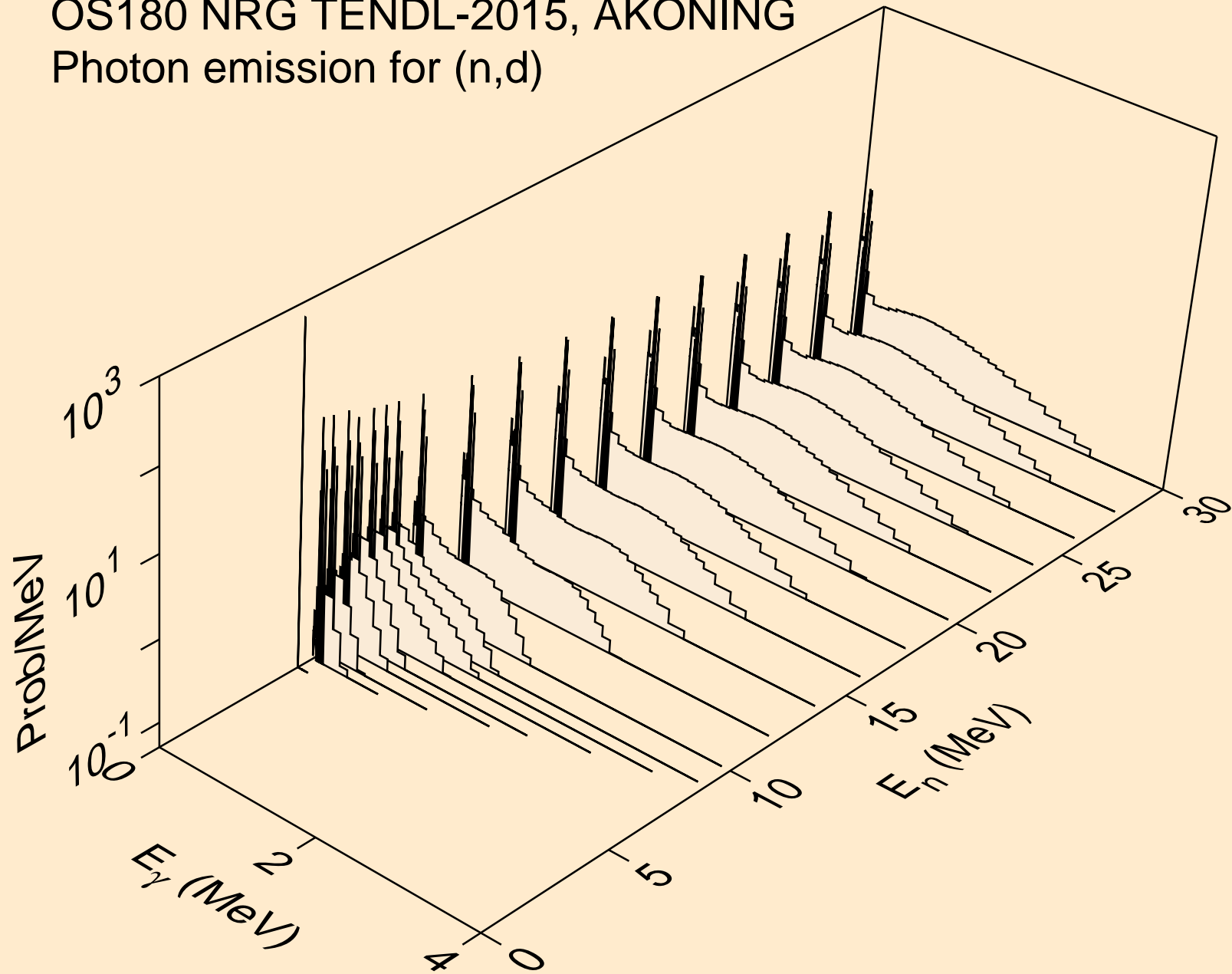
OS180 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



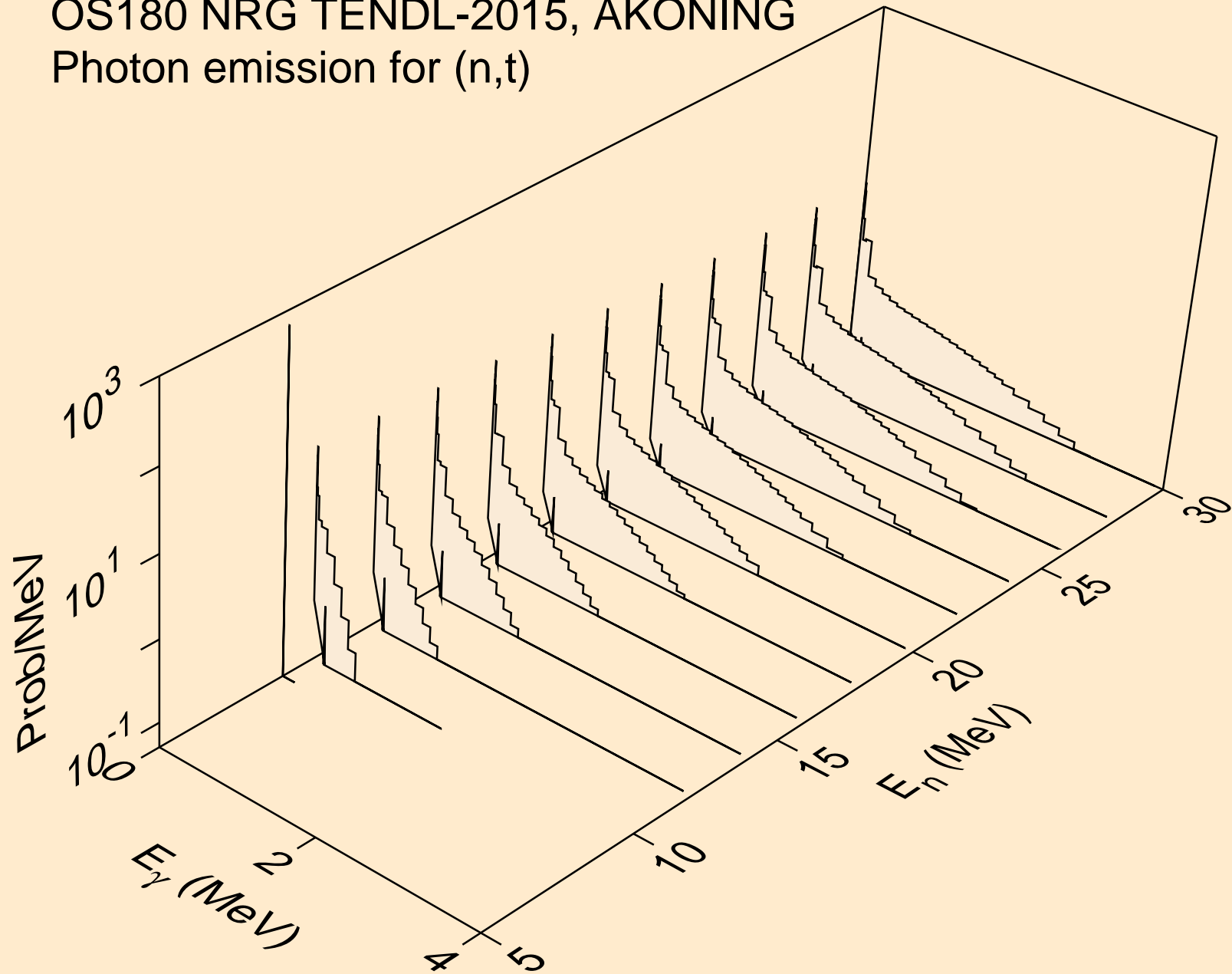
OS180 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



OS180 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

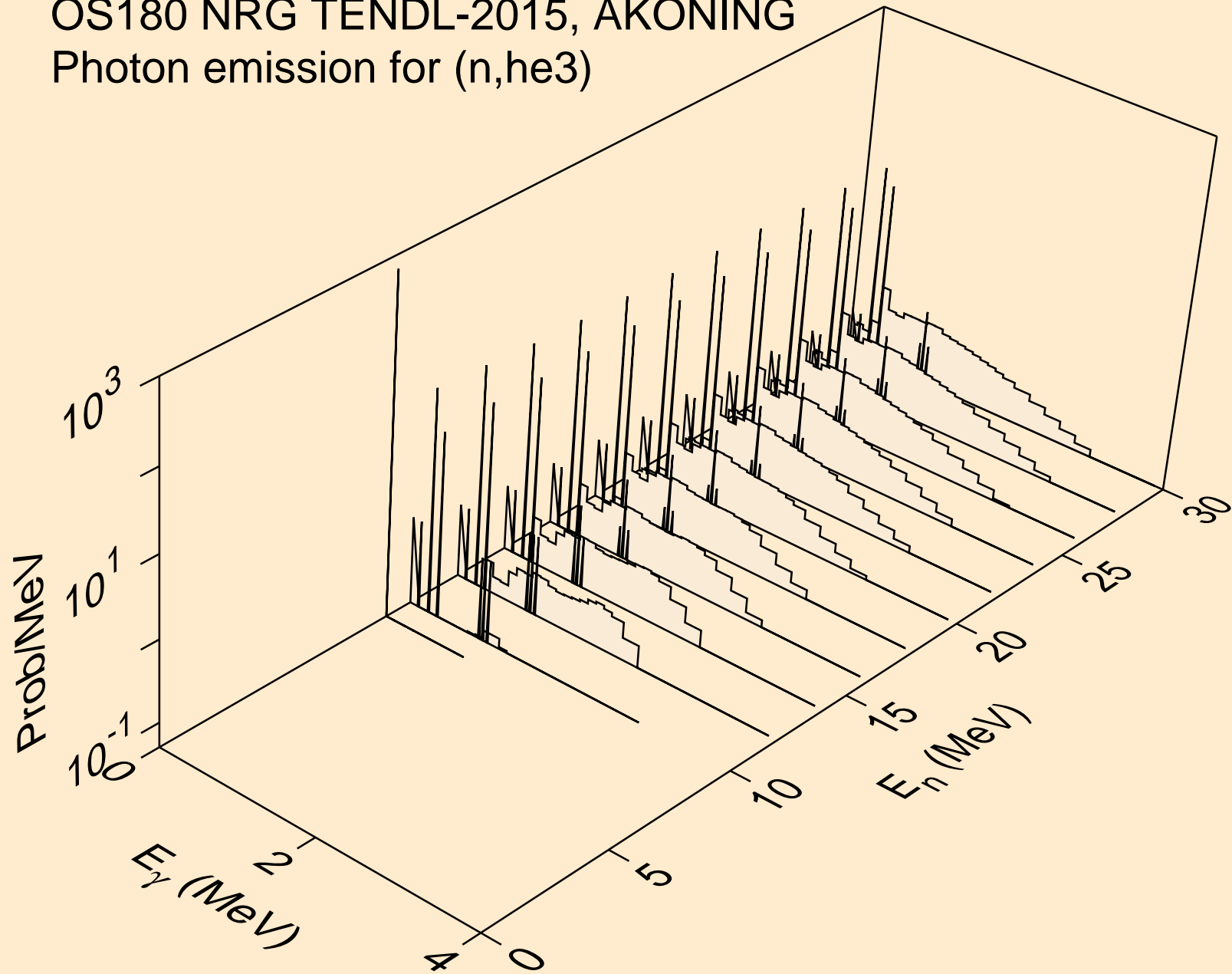


OS180 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

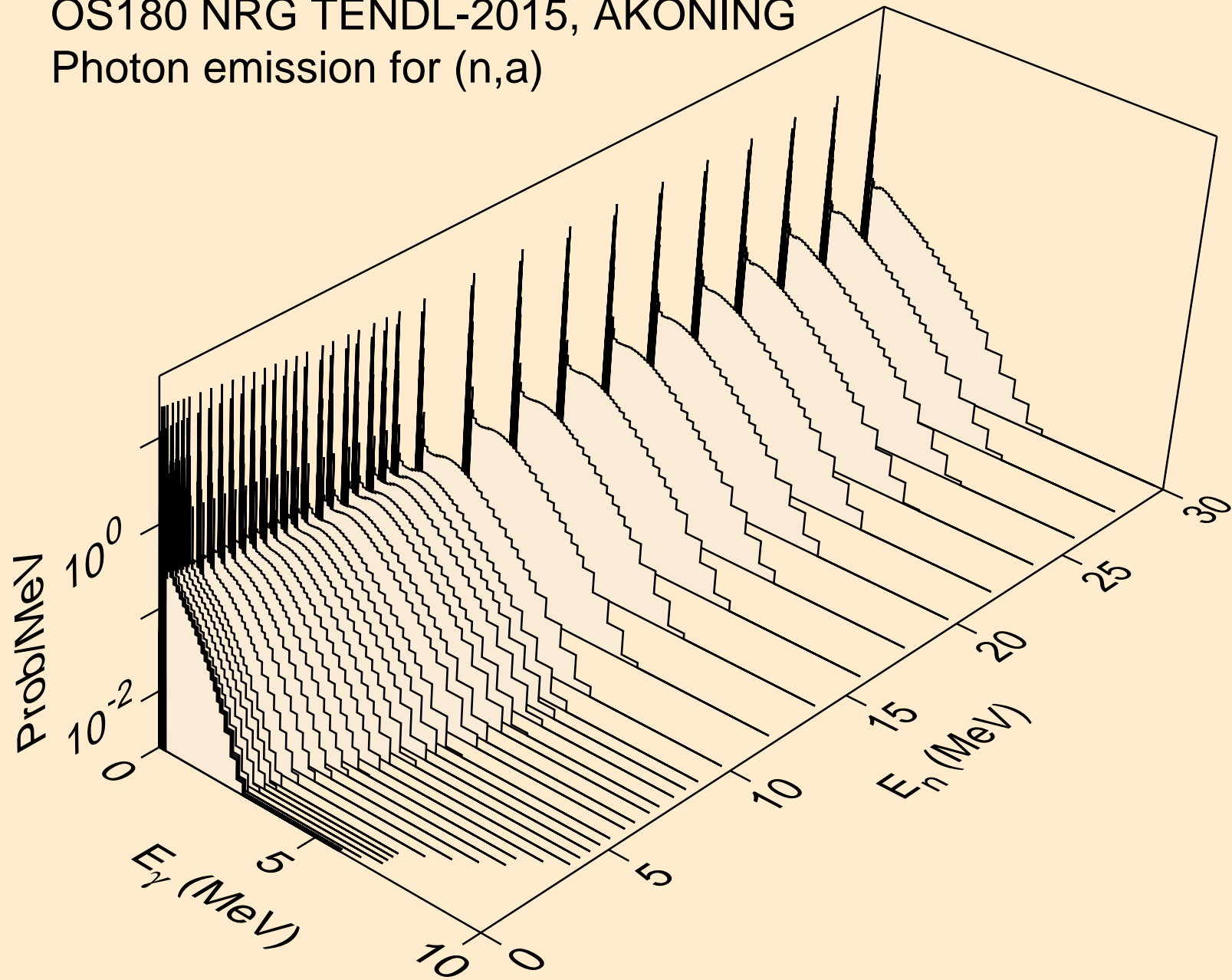




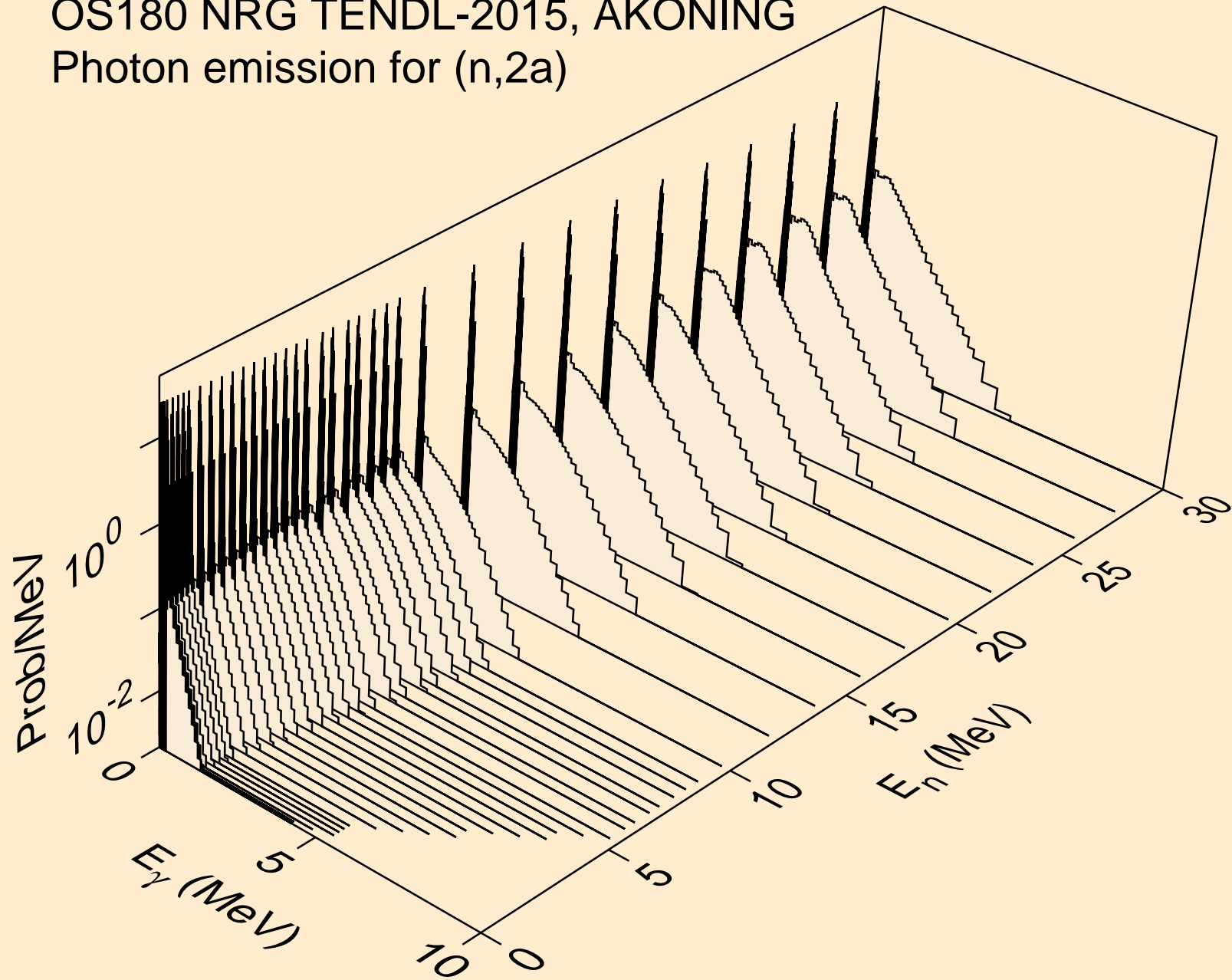
OS180 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



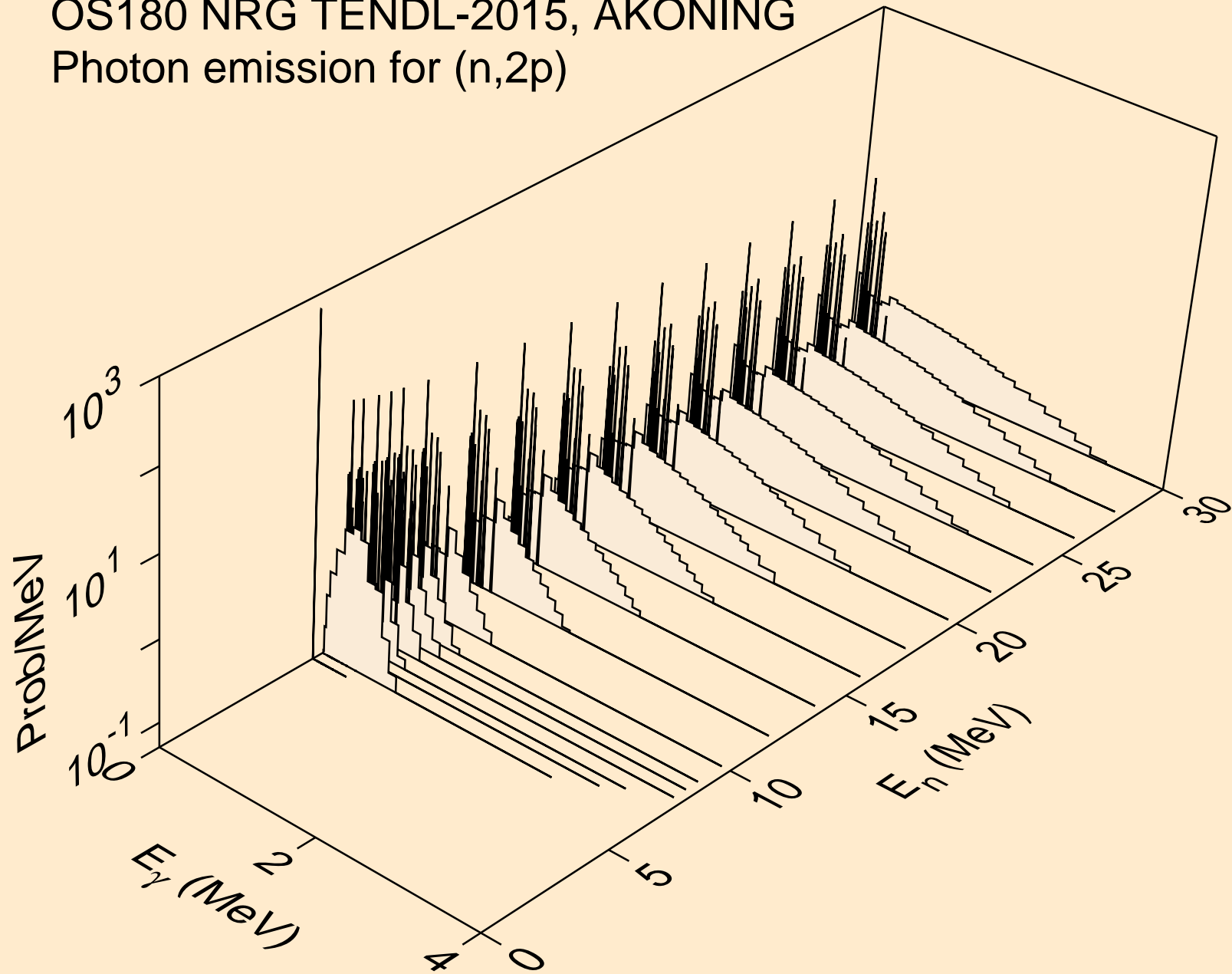
OS180 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



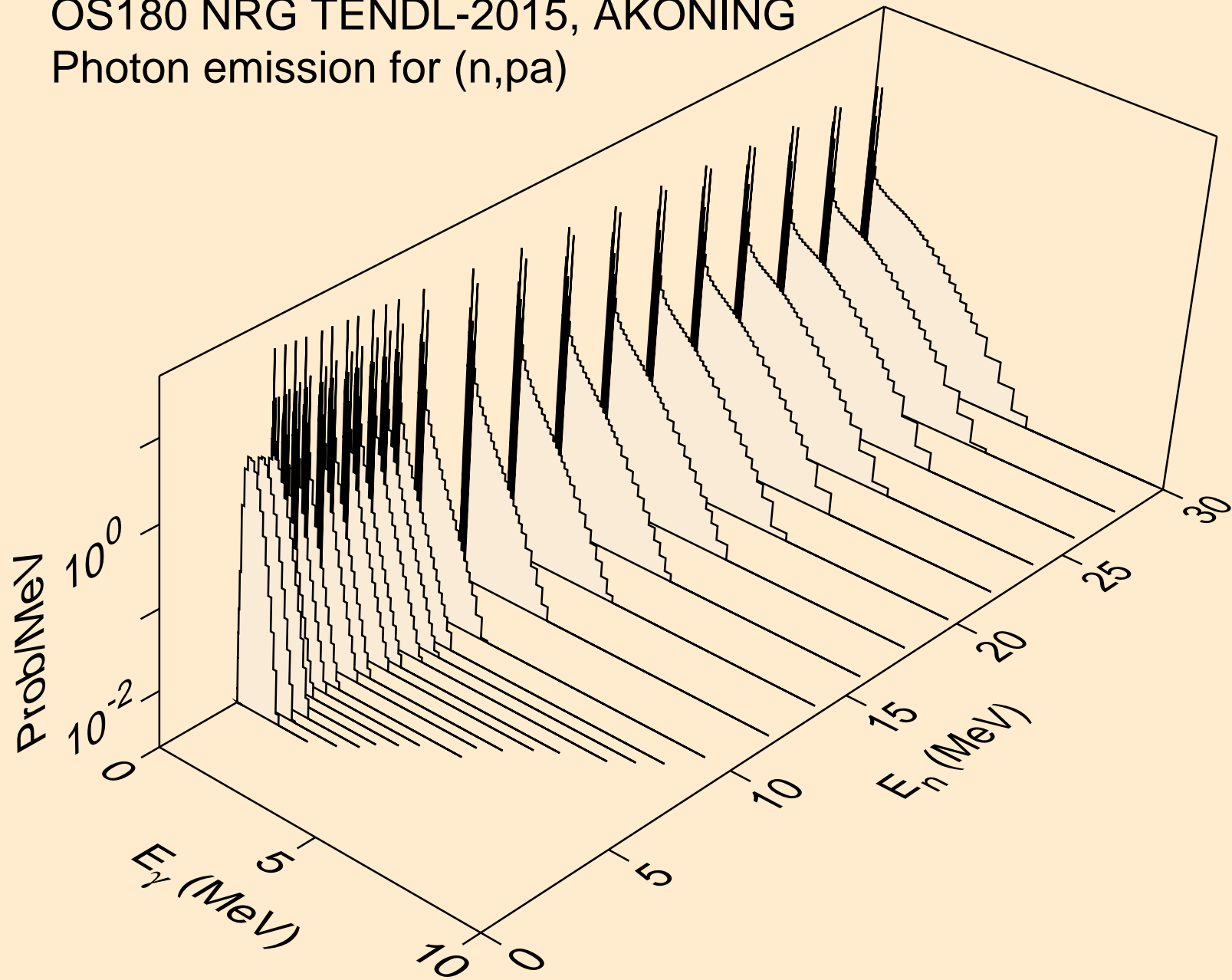
OS180 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



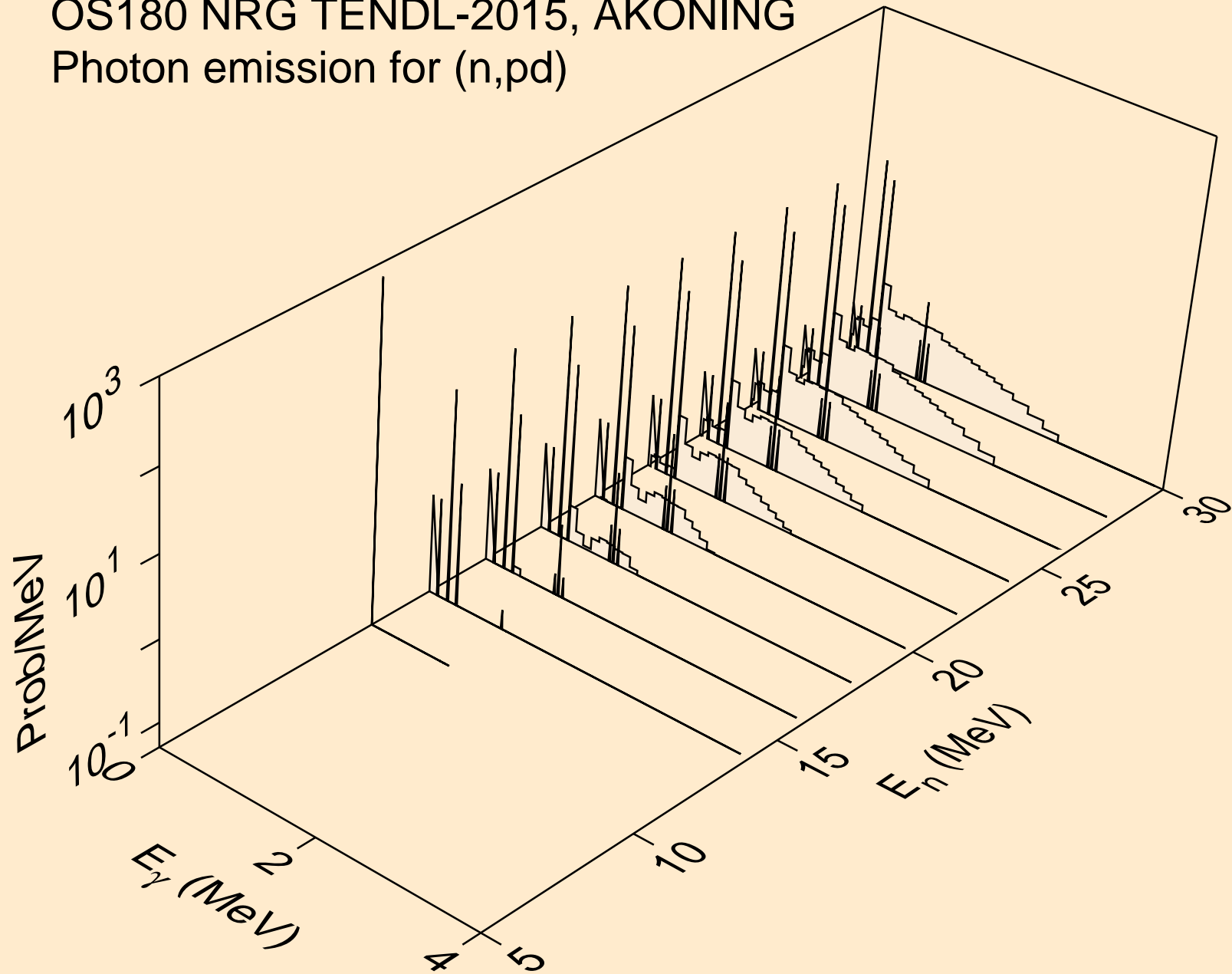
OS180 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



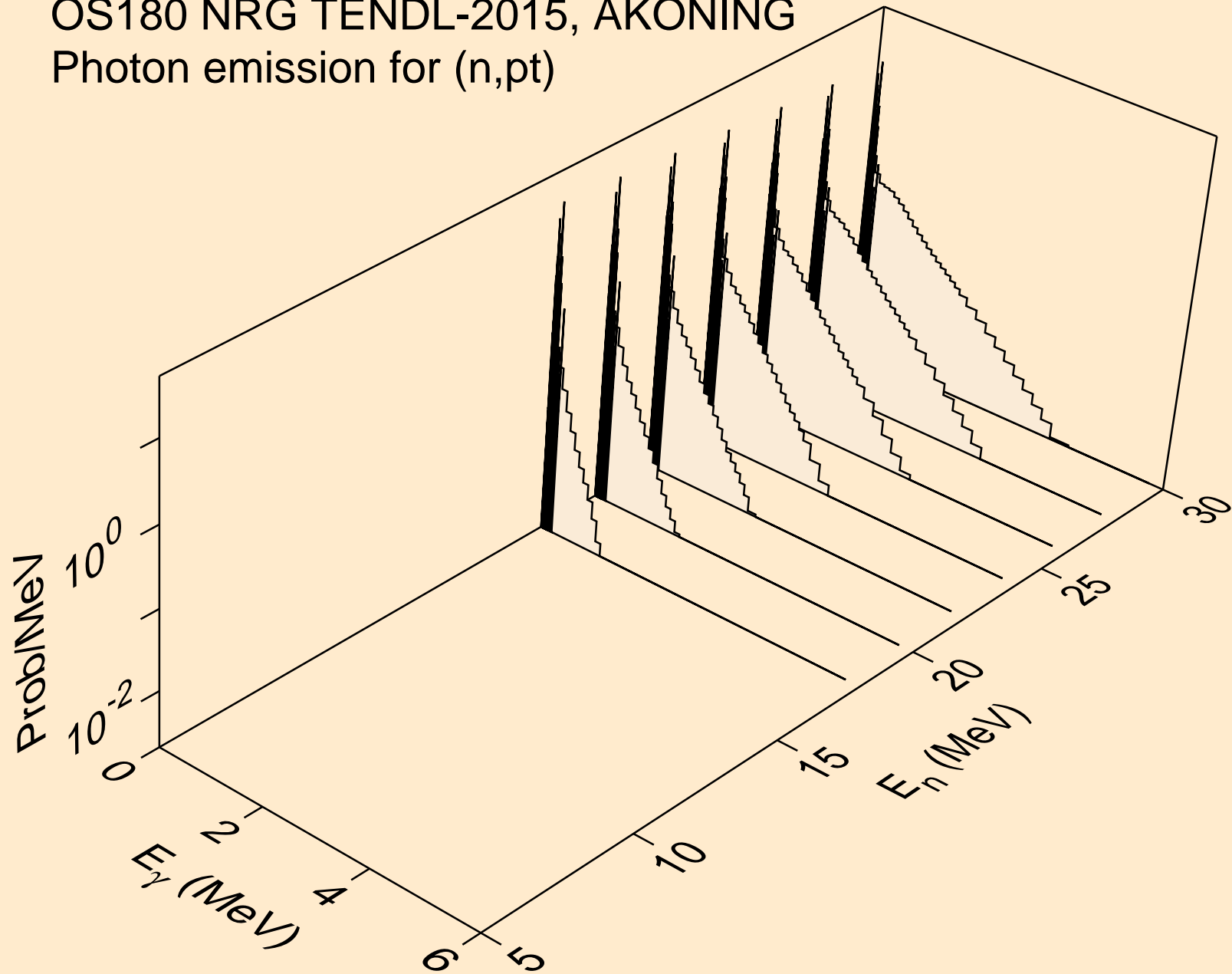
OS180 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



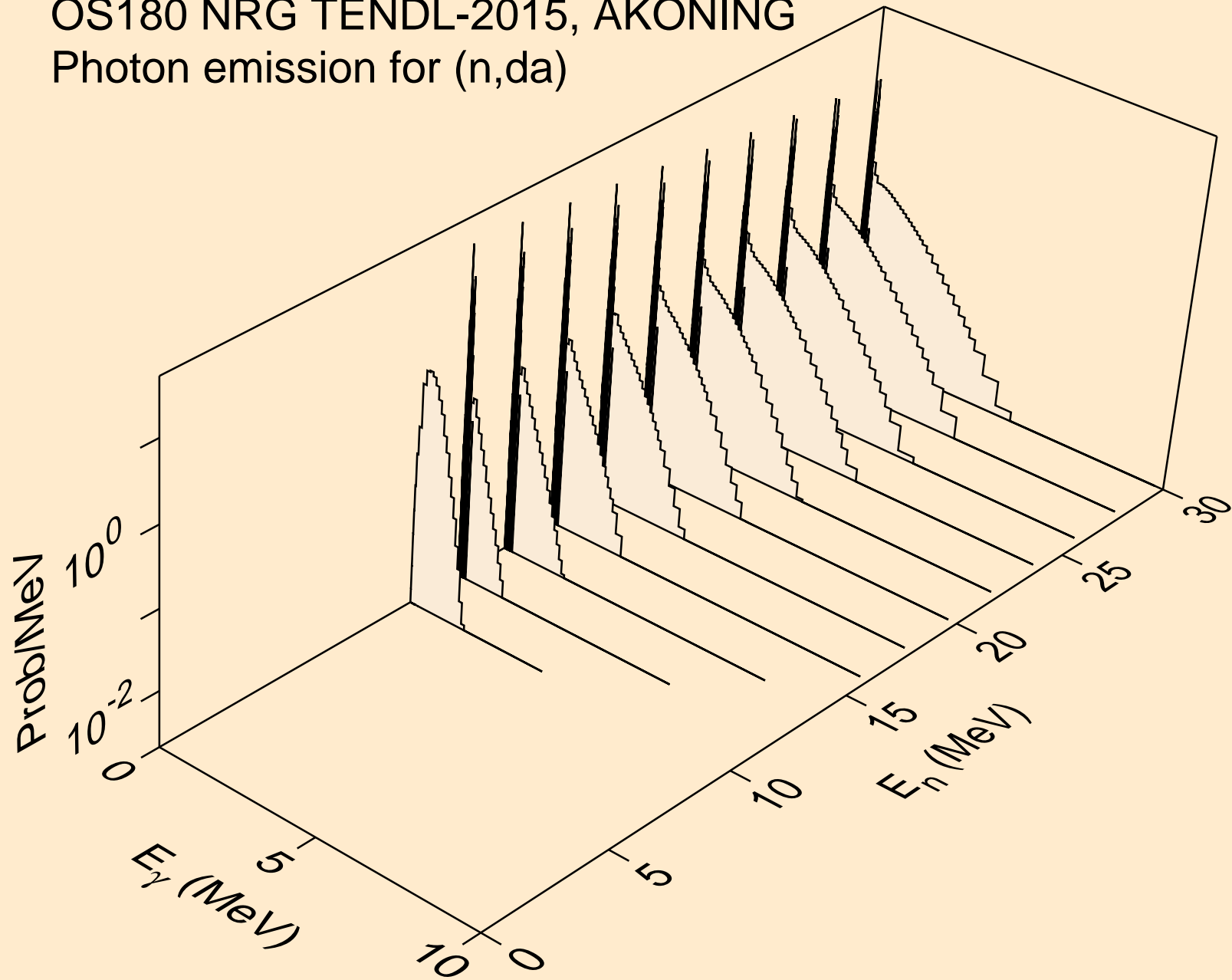
OS180 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



OS180 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)

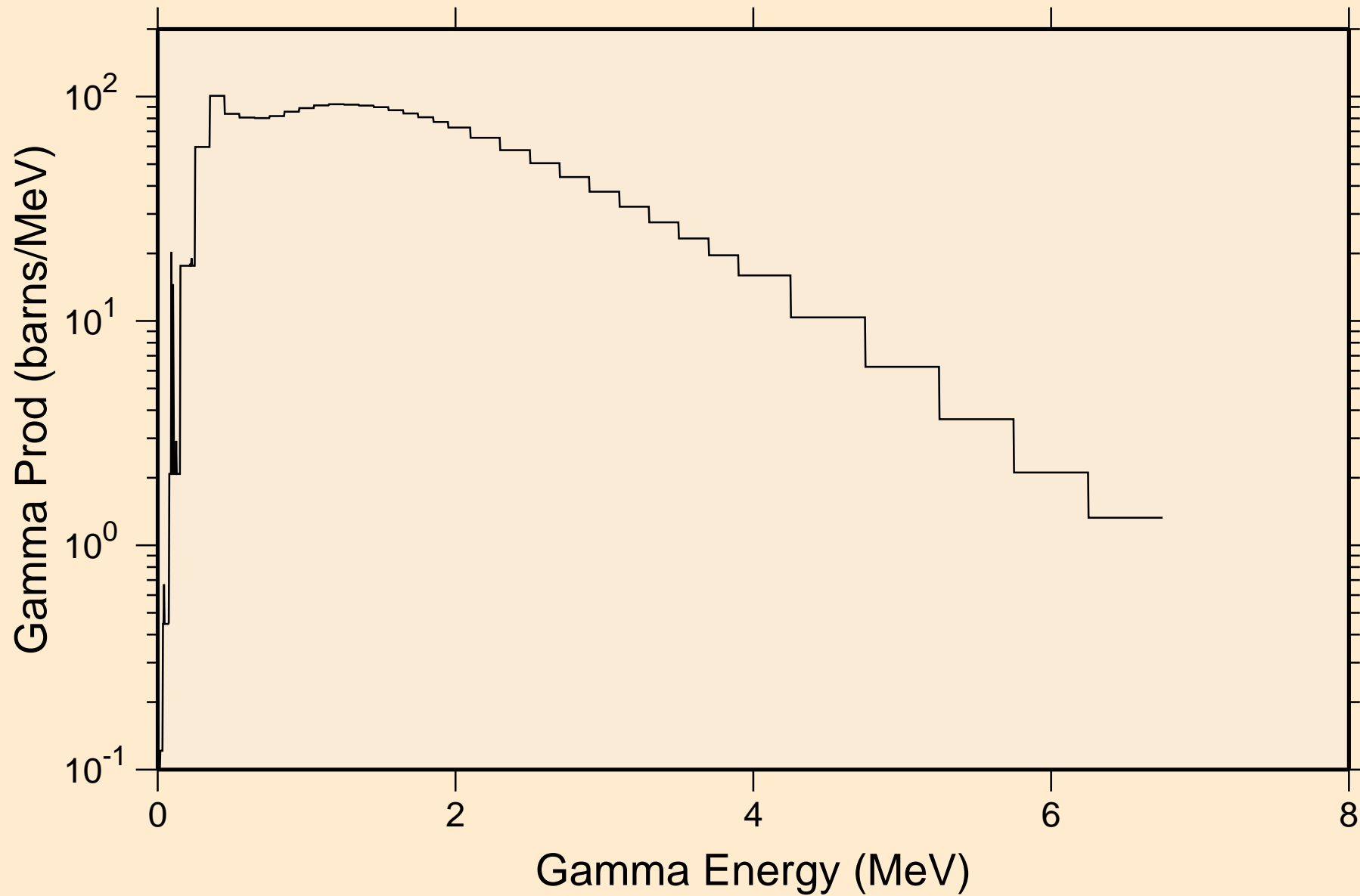


OS180 NRG TENDL-2015, AKONING  
Photon emission for (n,da)

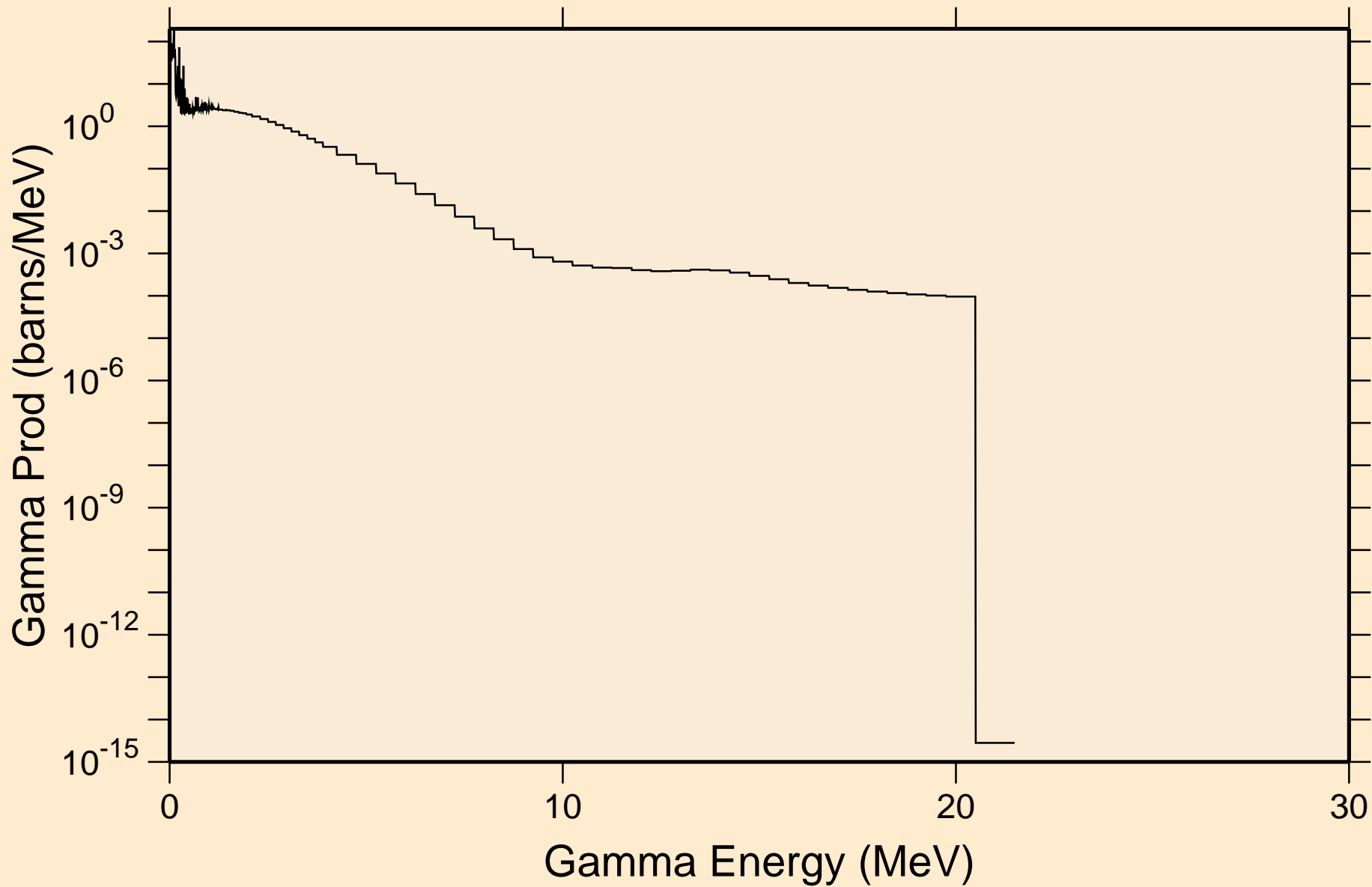




OS180 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

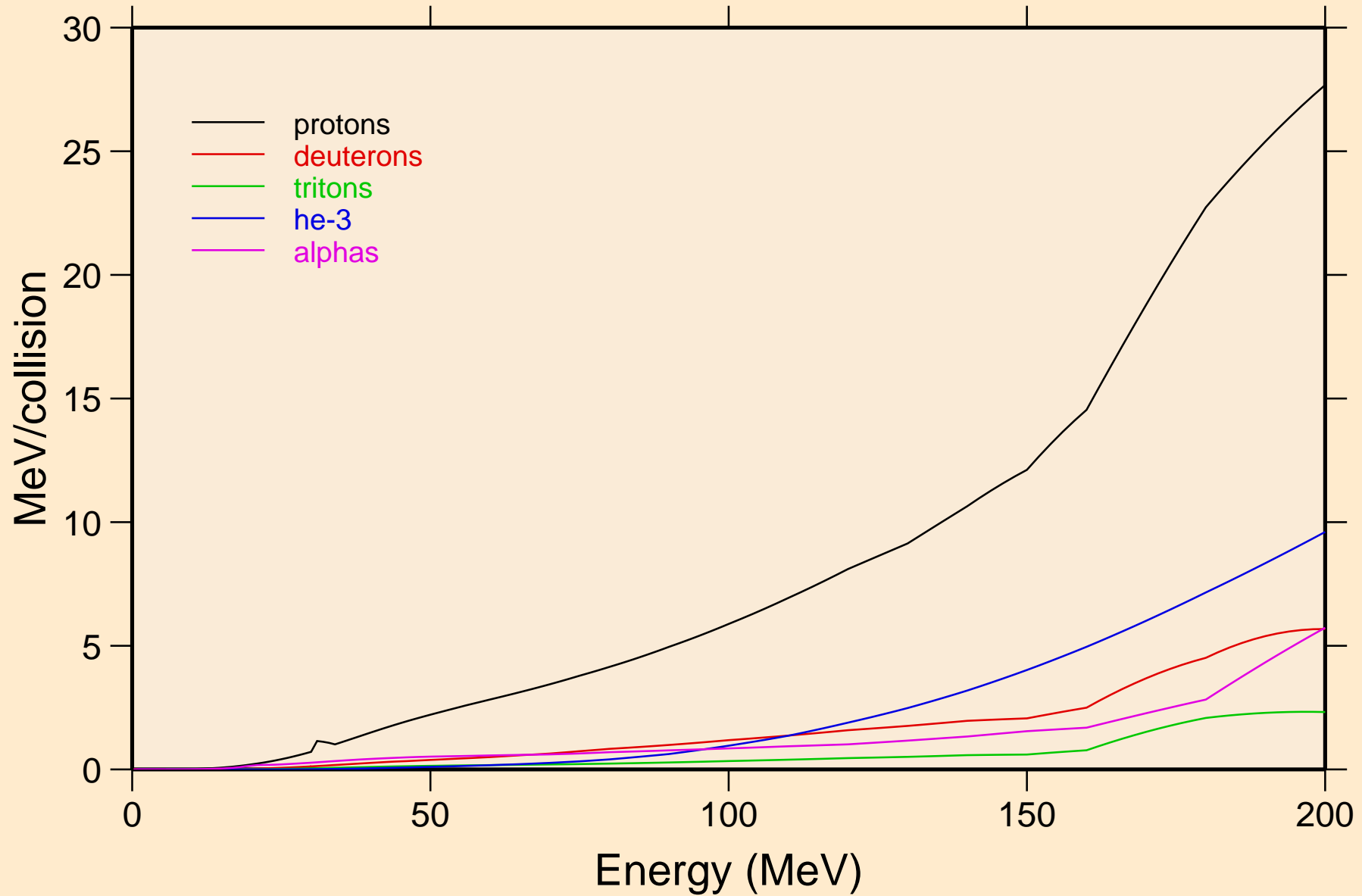


OS180 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



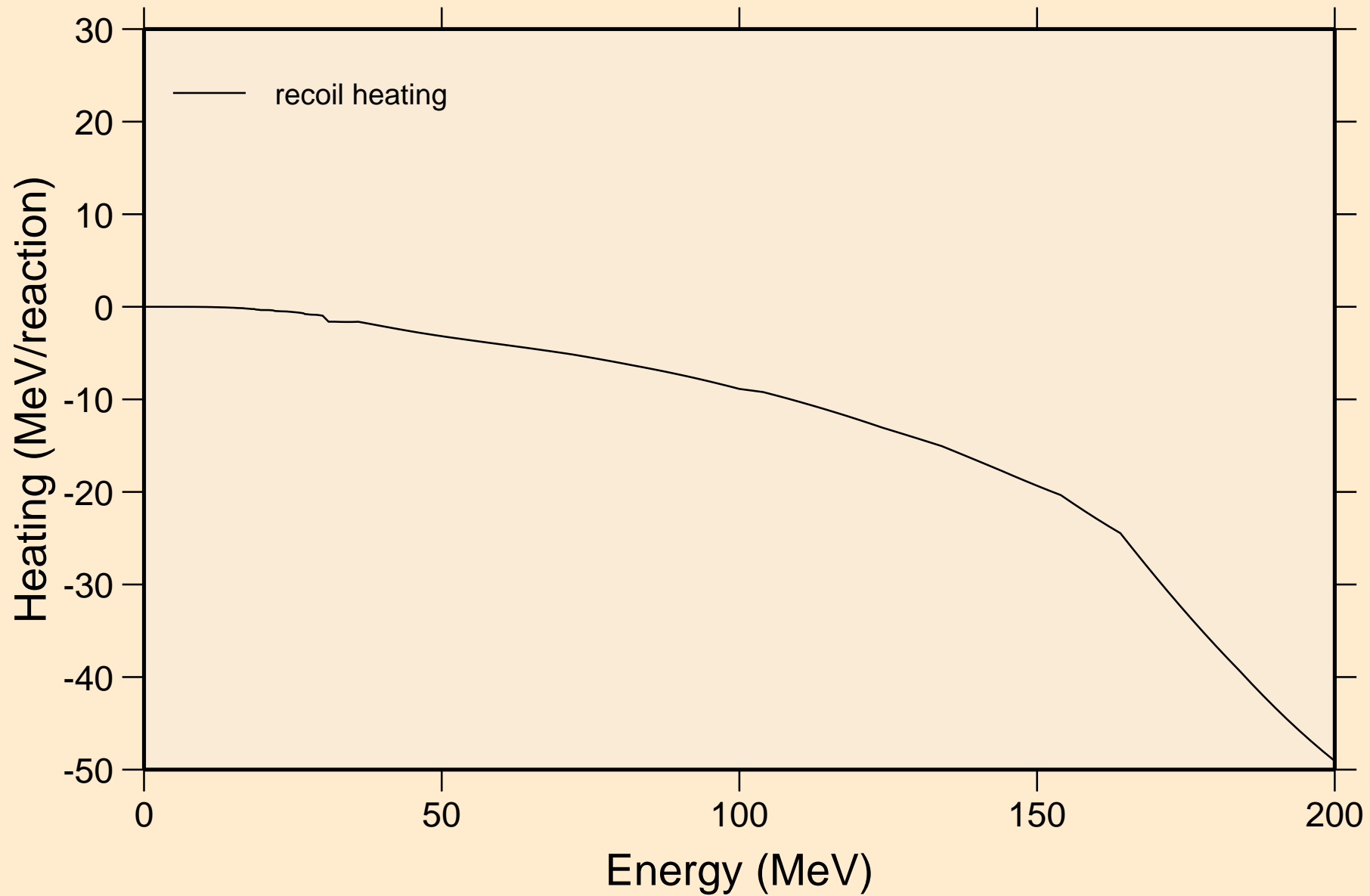
# OS180 NRG TENDL-2015, AKONING

## Particle heating contributions



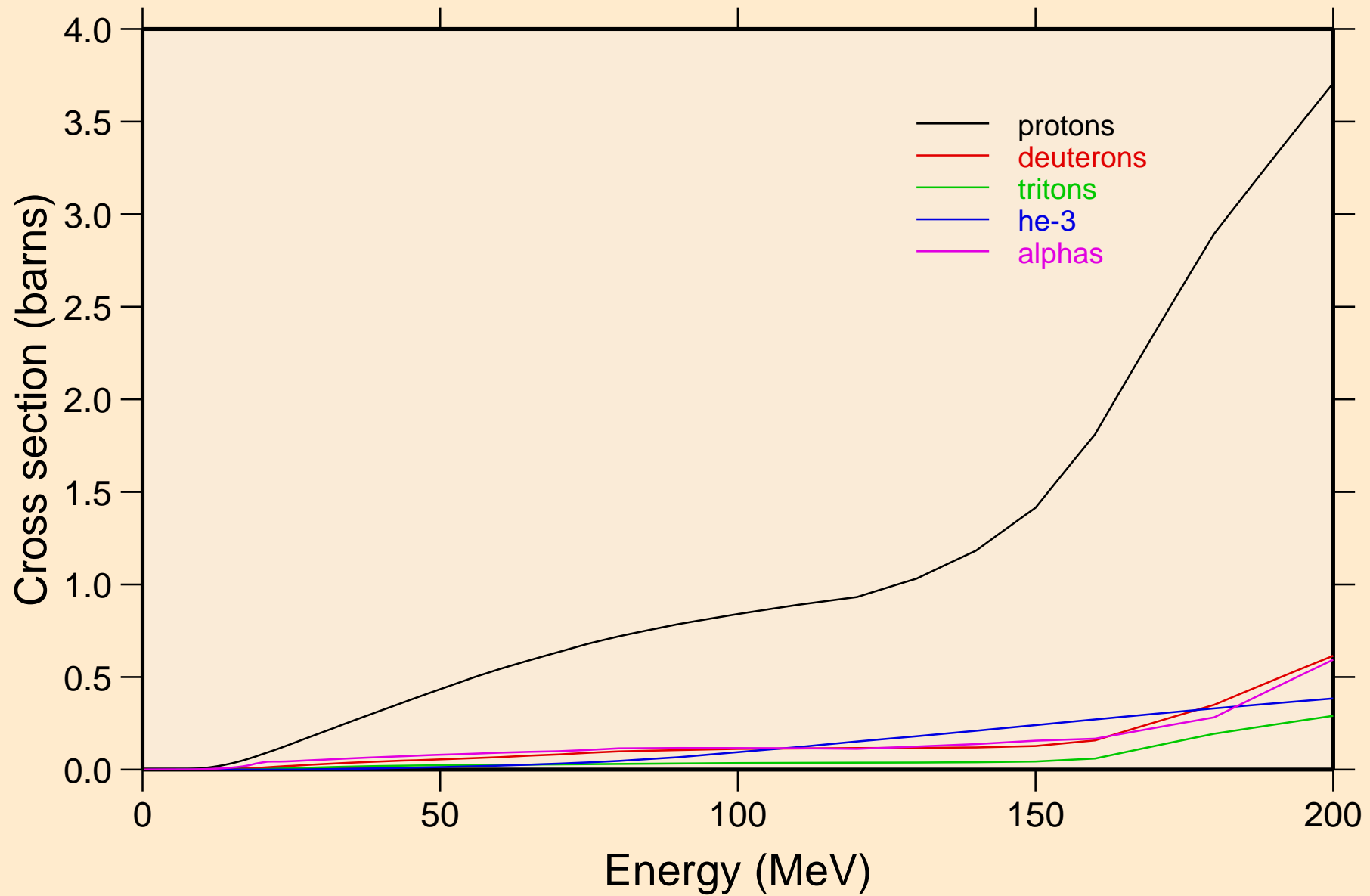
# OS180 NRG TENDL-2015, AKONING

## Recoil Heating

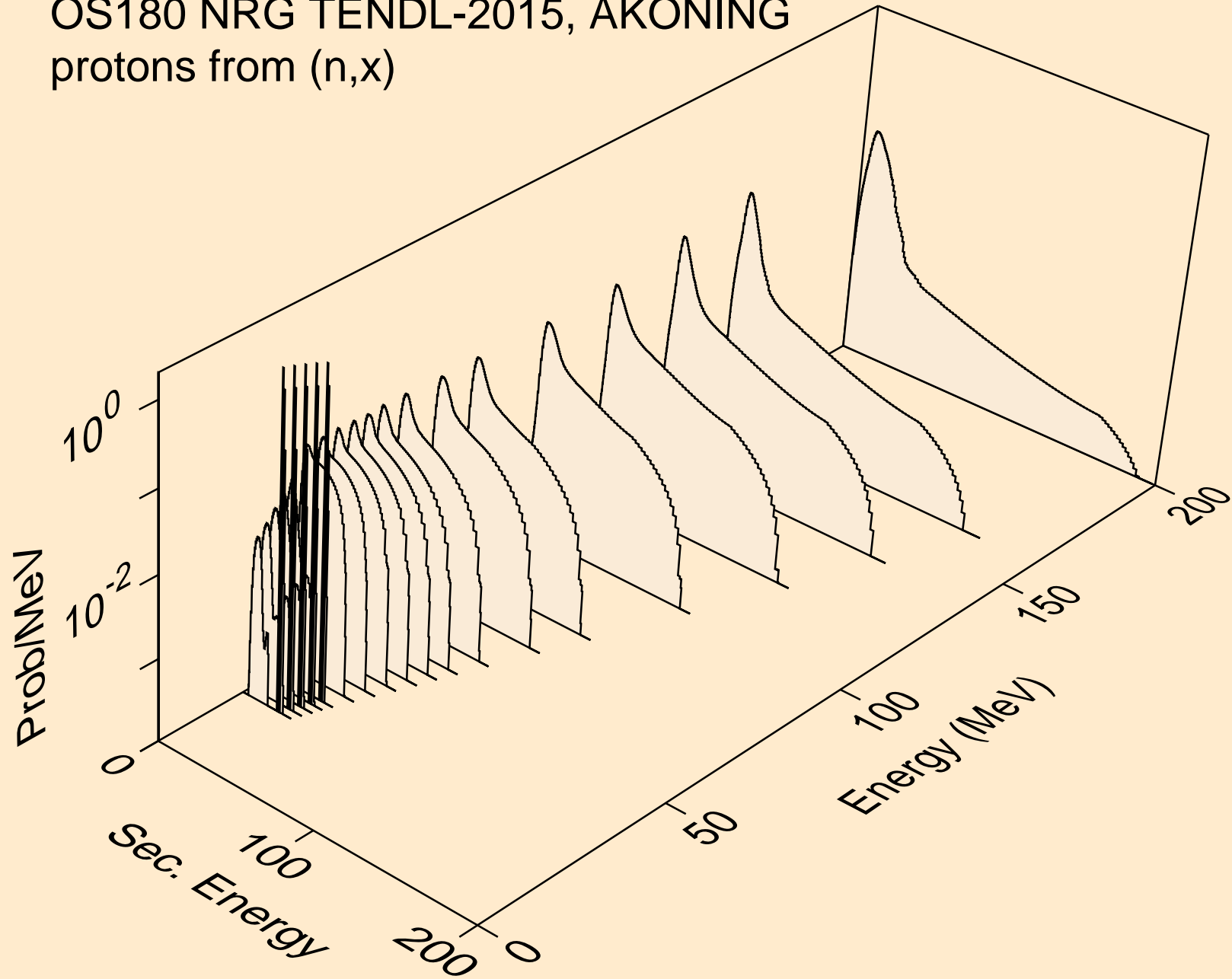


# OS180 NRG TENDL-2015, AKONING

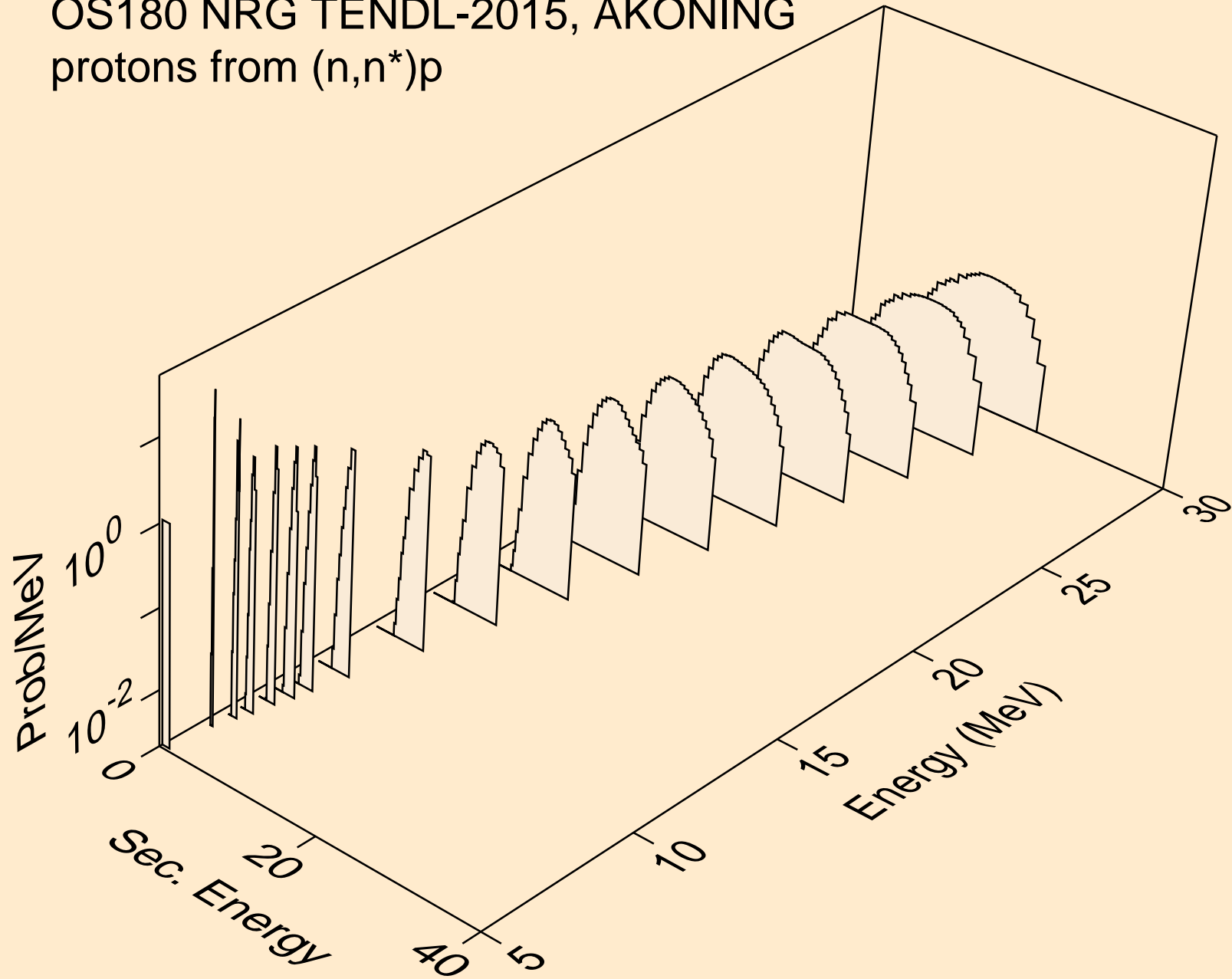
## Particle production cross sections



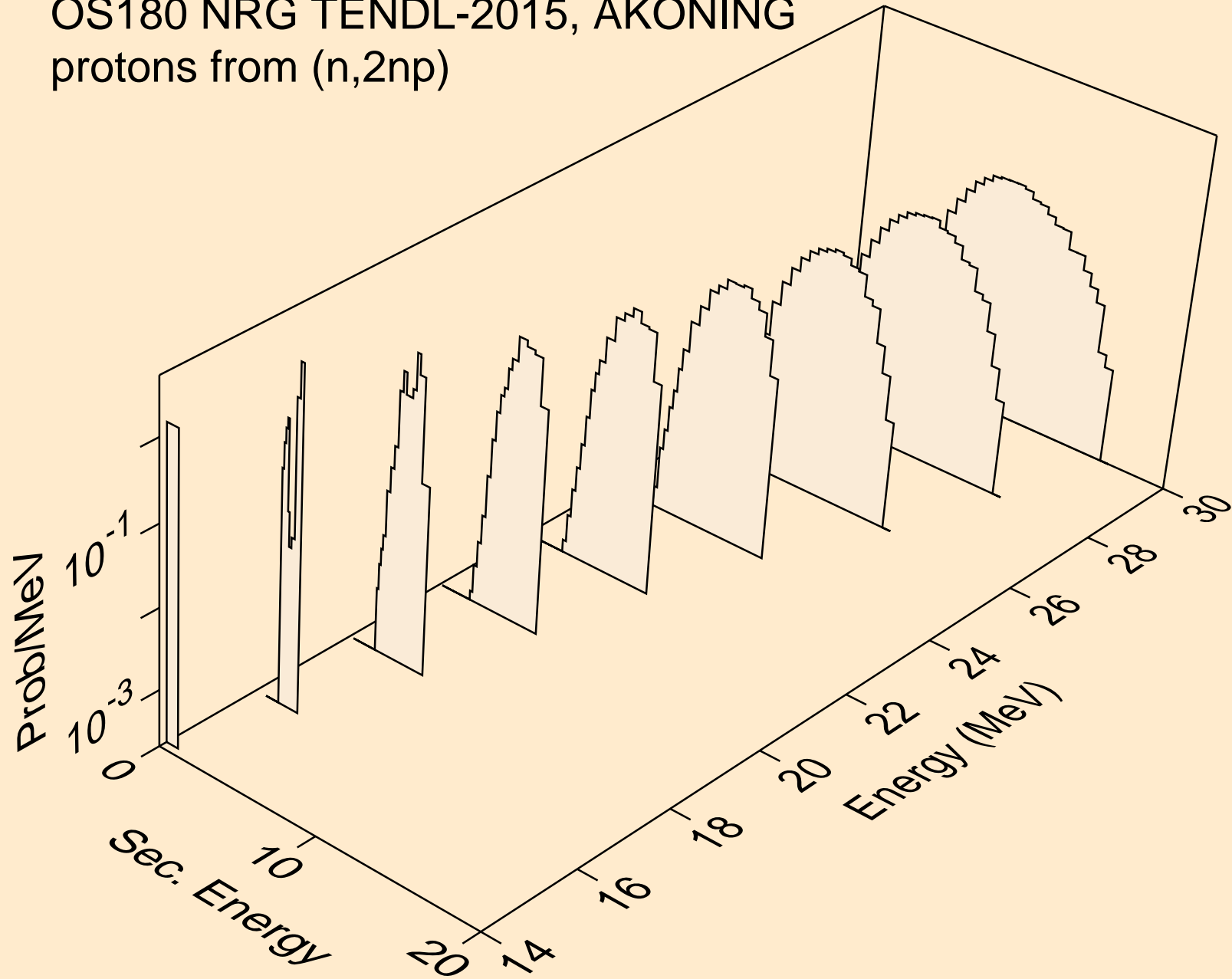
OS180 NRG TENDL-2015, AKONING  
protons from (n,x)



OS180 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

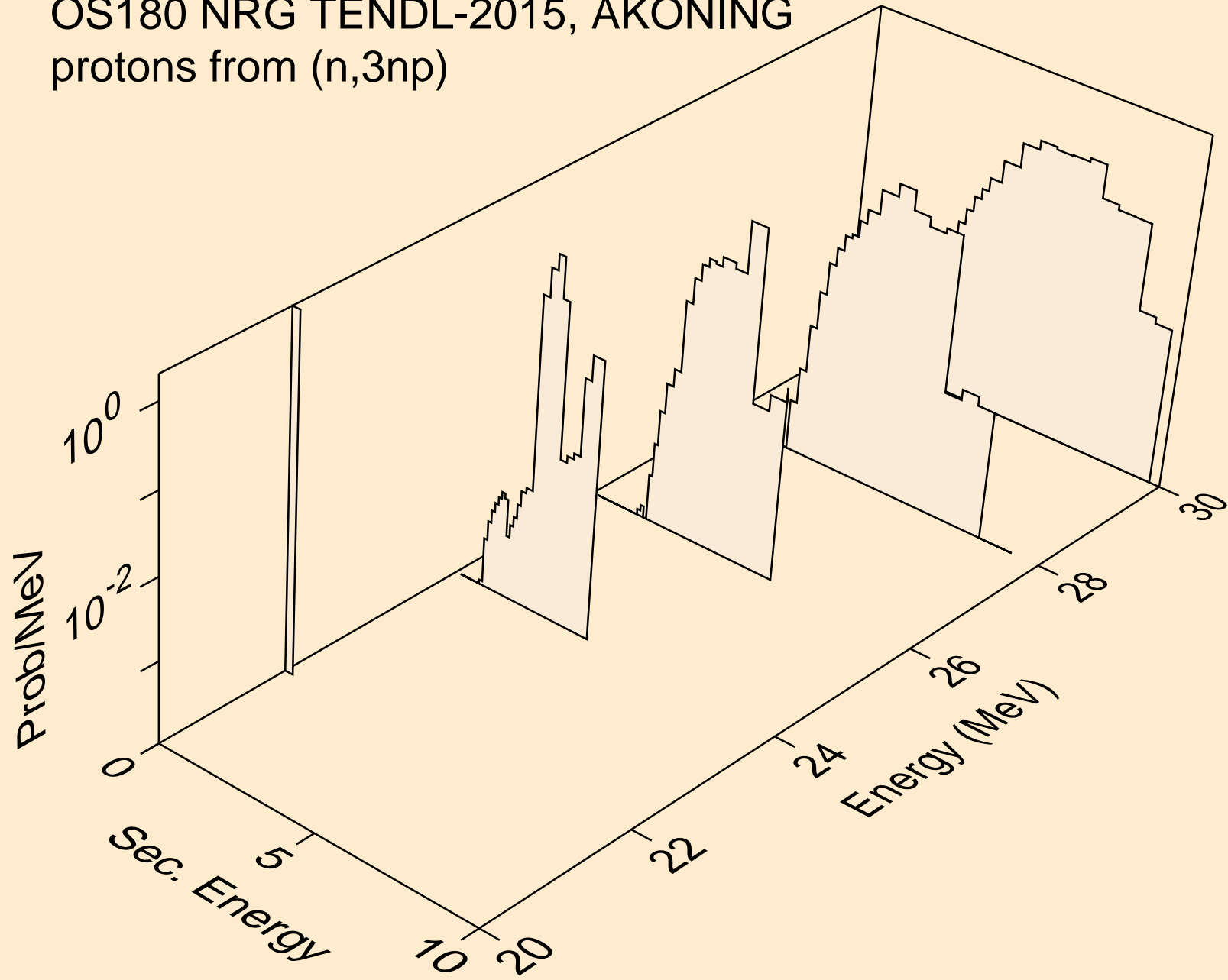


OS180 NRG TENDL-2015, AKONING  
protons from (n,2np)

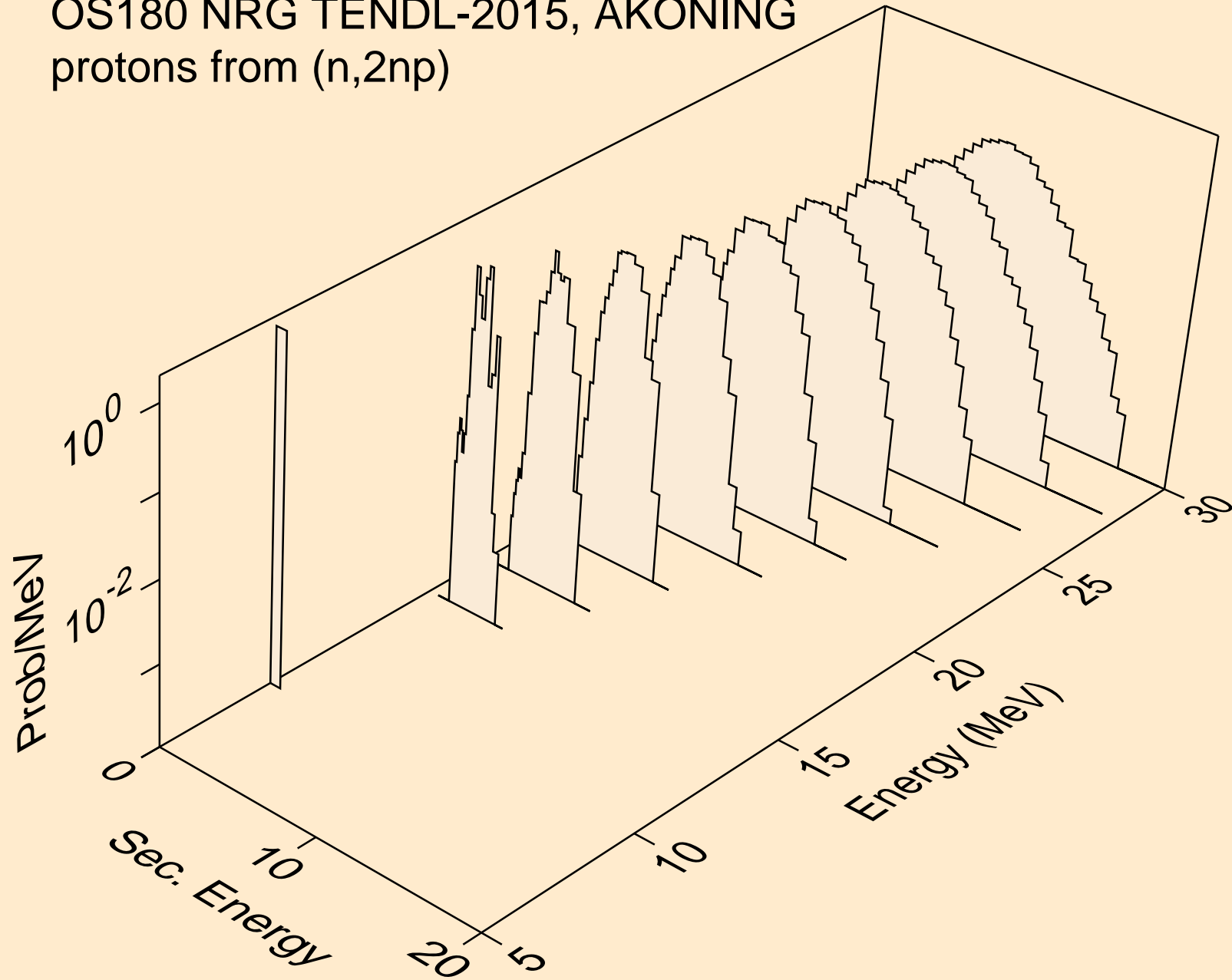




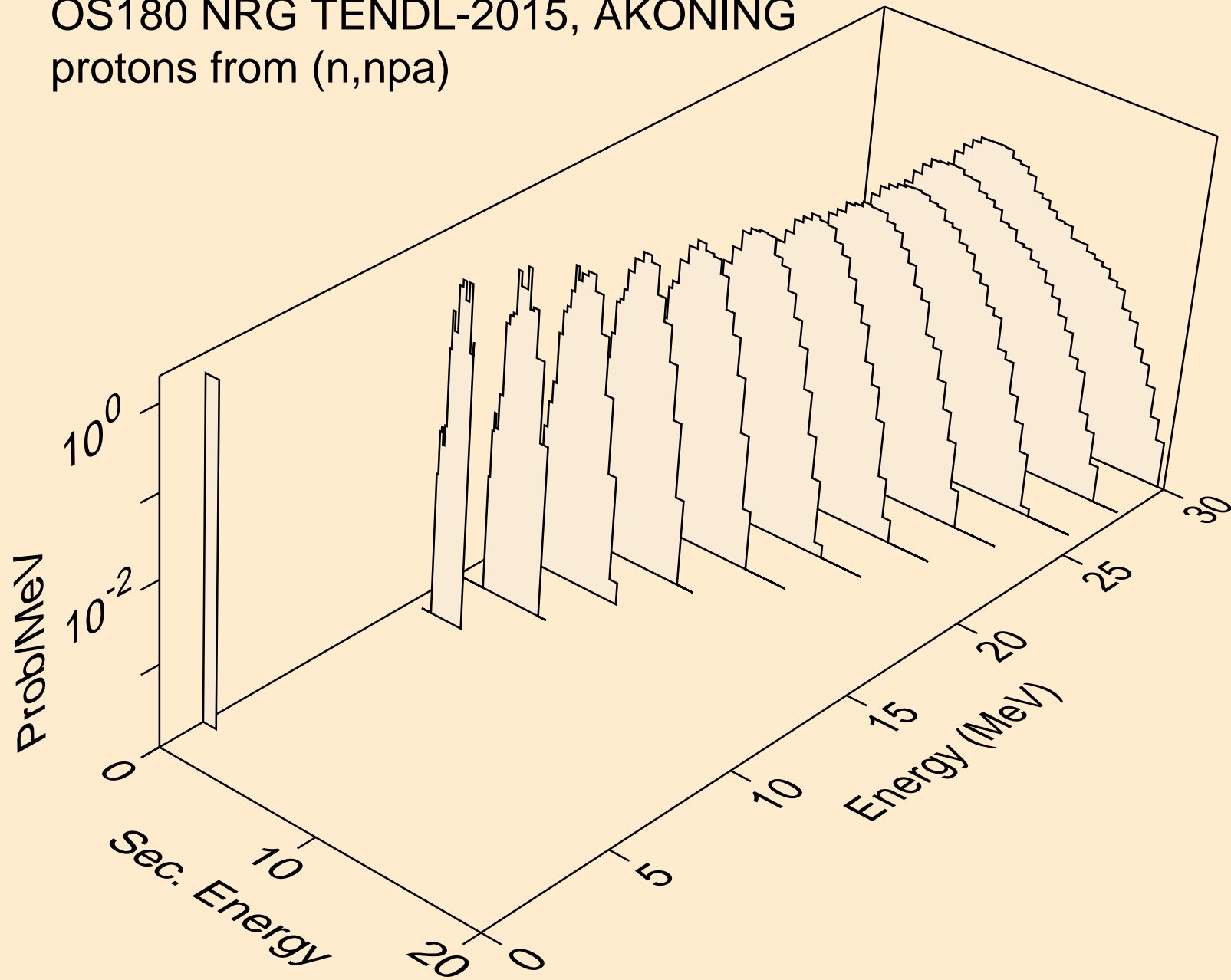
OS180 NRG TENDL-2015, AKONING  
protons from (n,3np)



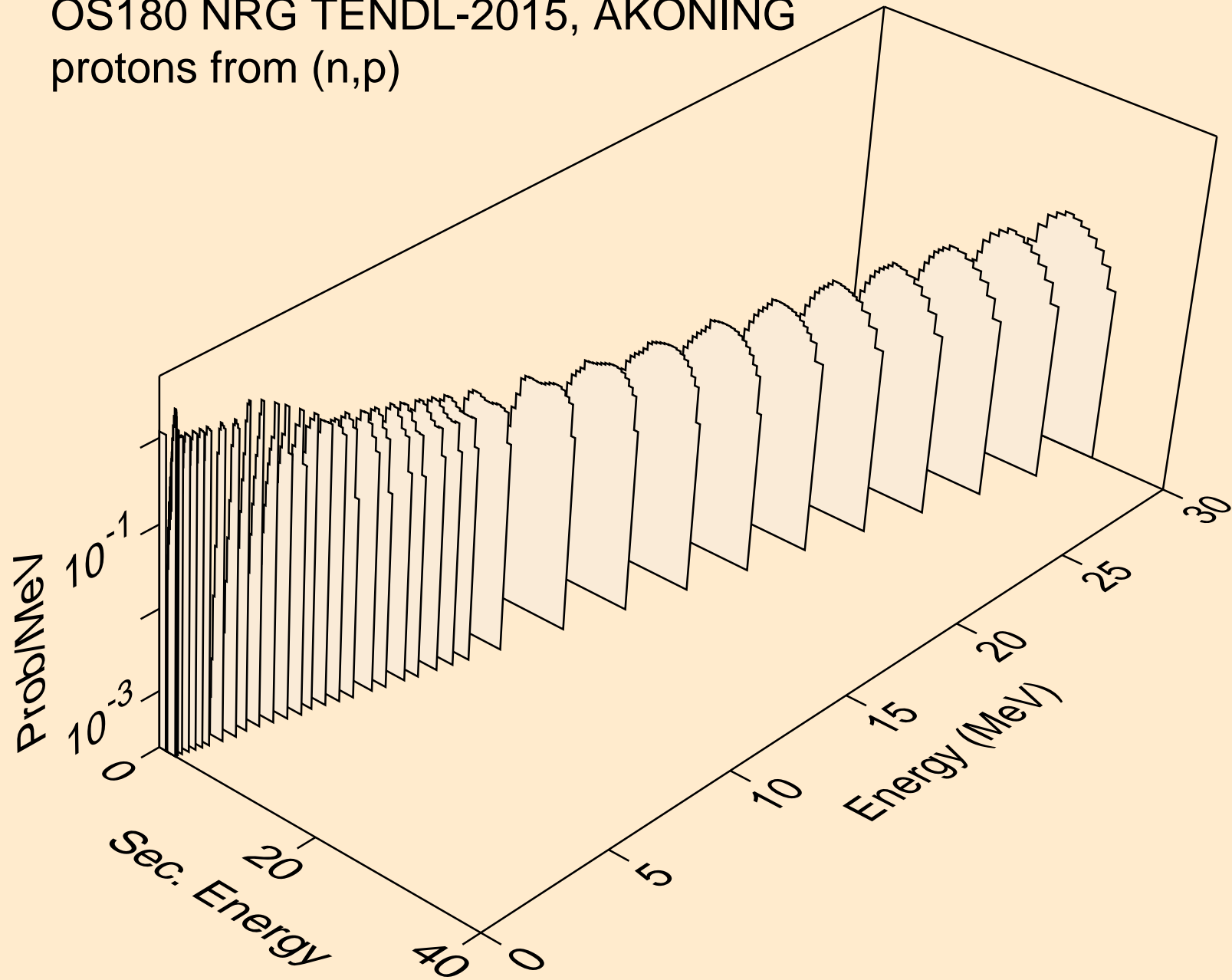
OS180 NRG TENDL-2015, AKONING  
protons from (n,2np)



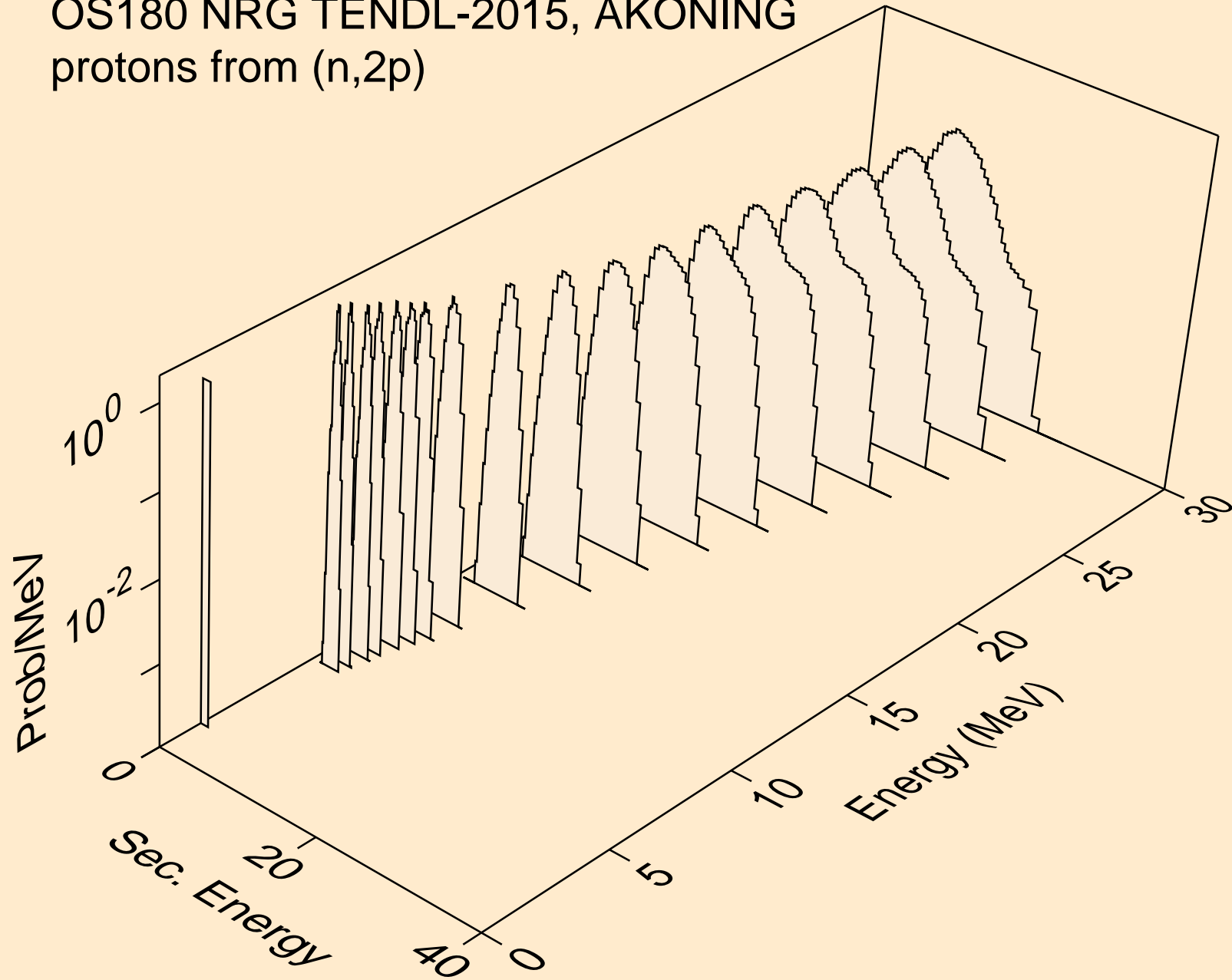
OS180 NRG TENDL-2015, AKONING  
protons from (n,npa)



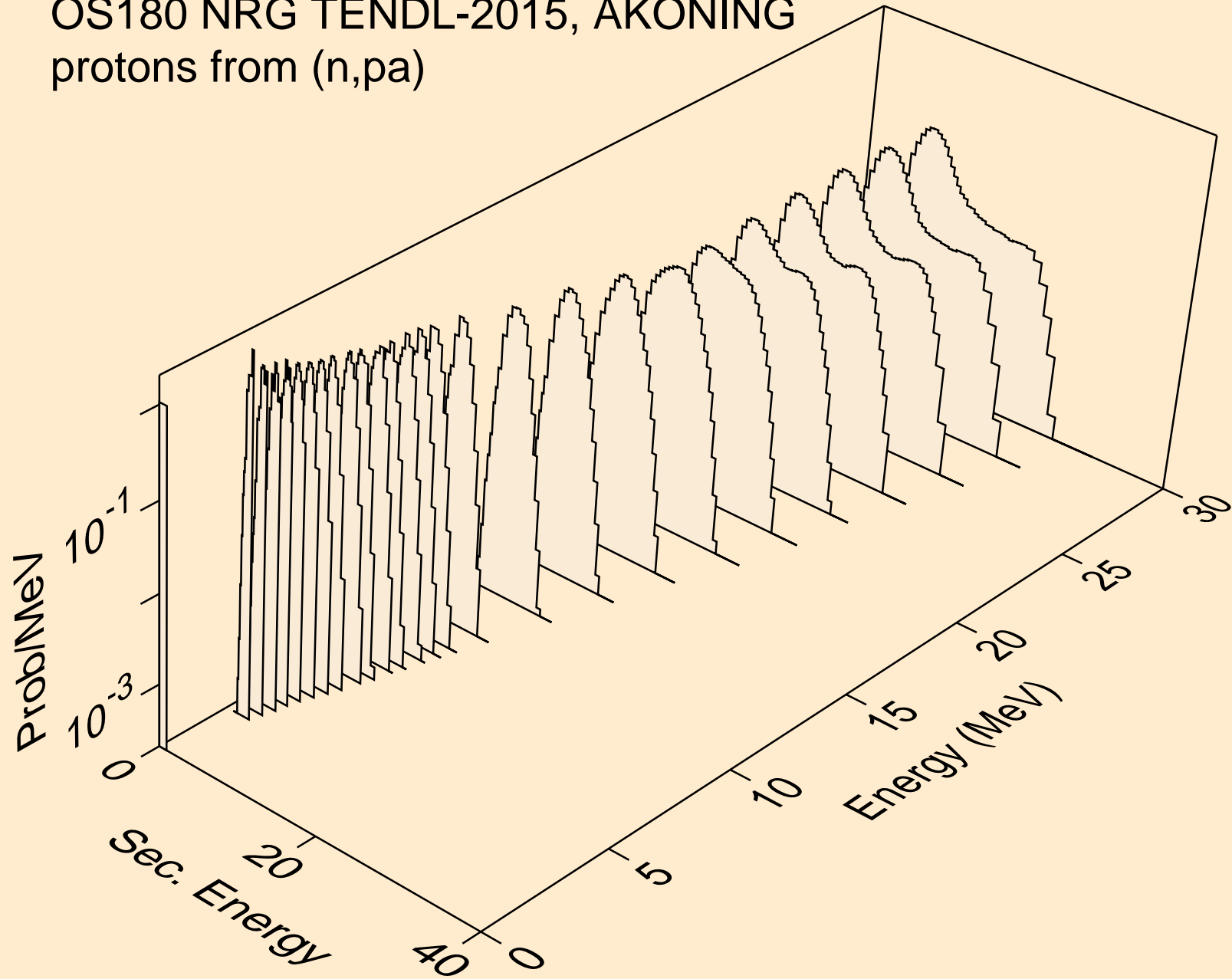
OS180 NRG TENDL-2015, AKONING  
protons from (n,p)



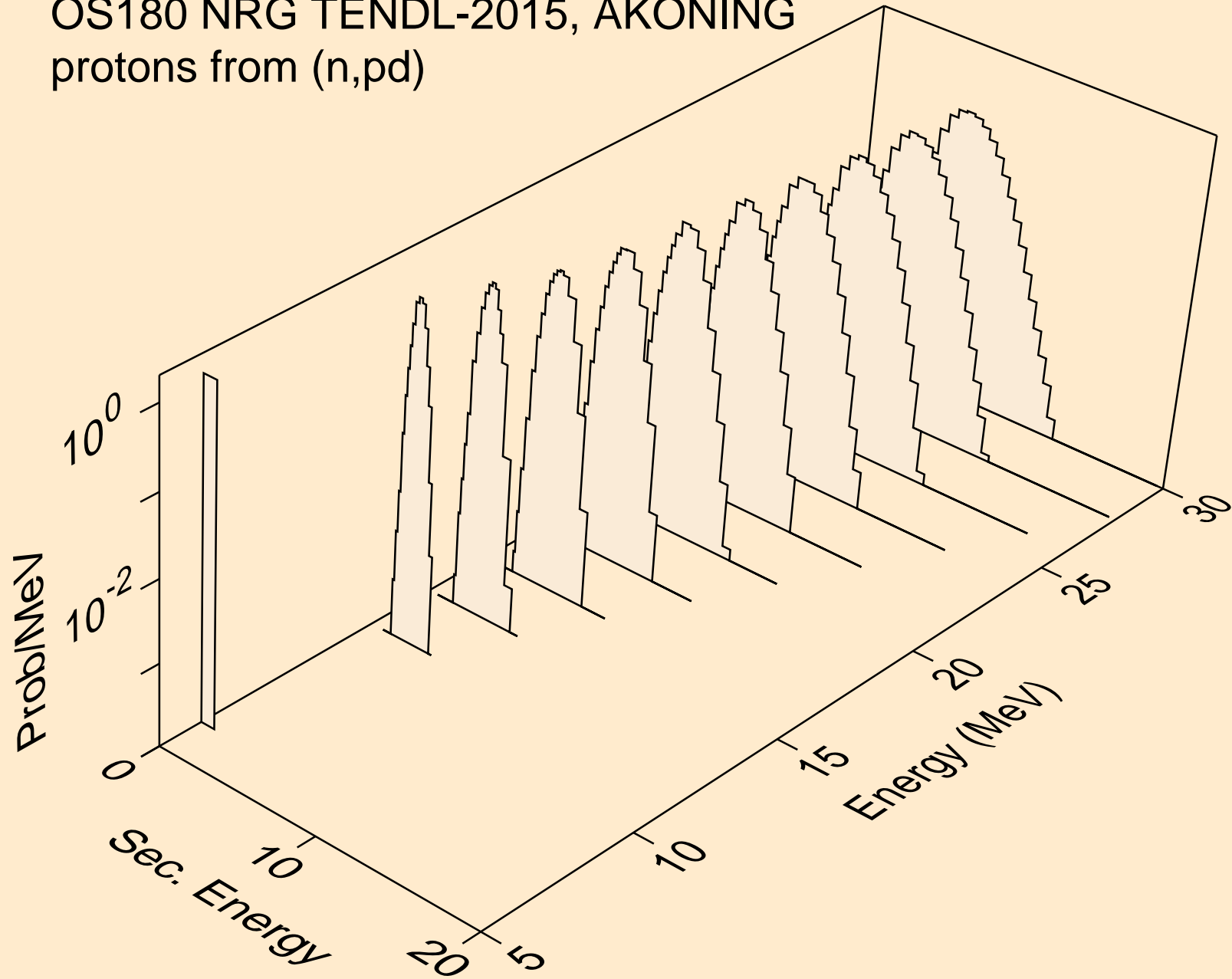
OS180 NRG TENDL-2015, AKONING  
protons from (n,2p)



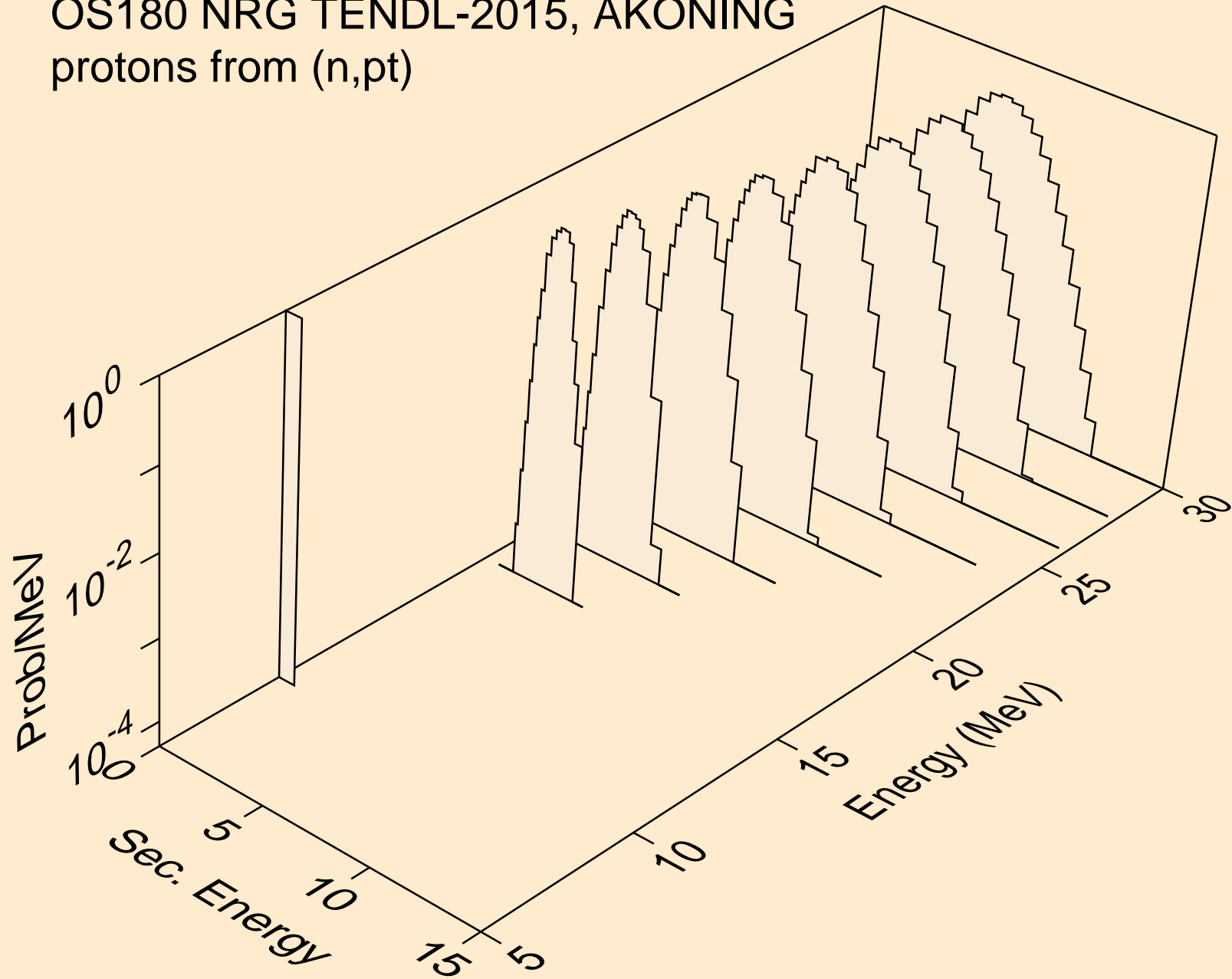
OS180 NRG TENDL-2015, AKONING  
protons from (n,pa)



OS180 NRG TENDL-2015, AKONING  
protons from (n,pd)

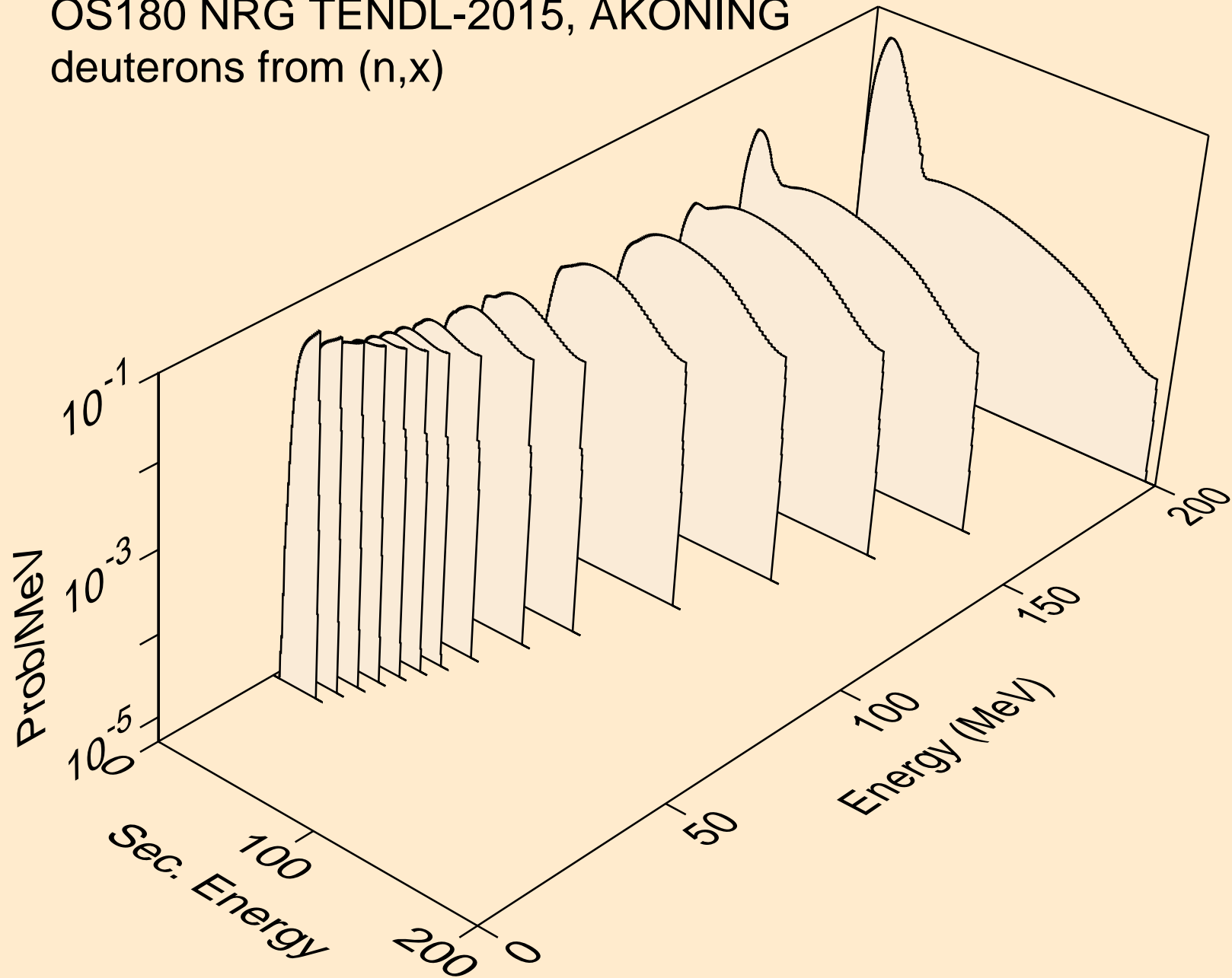


OS180 NRG TENDL-2015, AKONING  
protons from (n,pt)

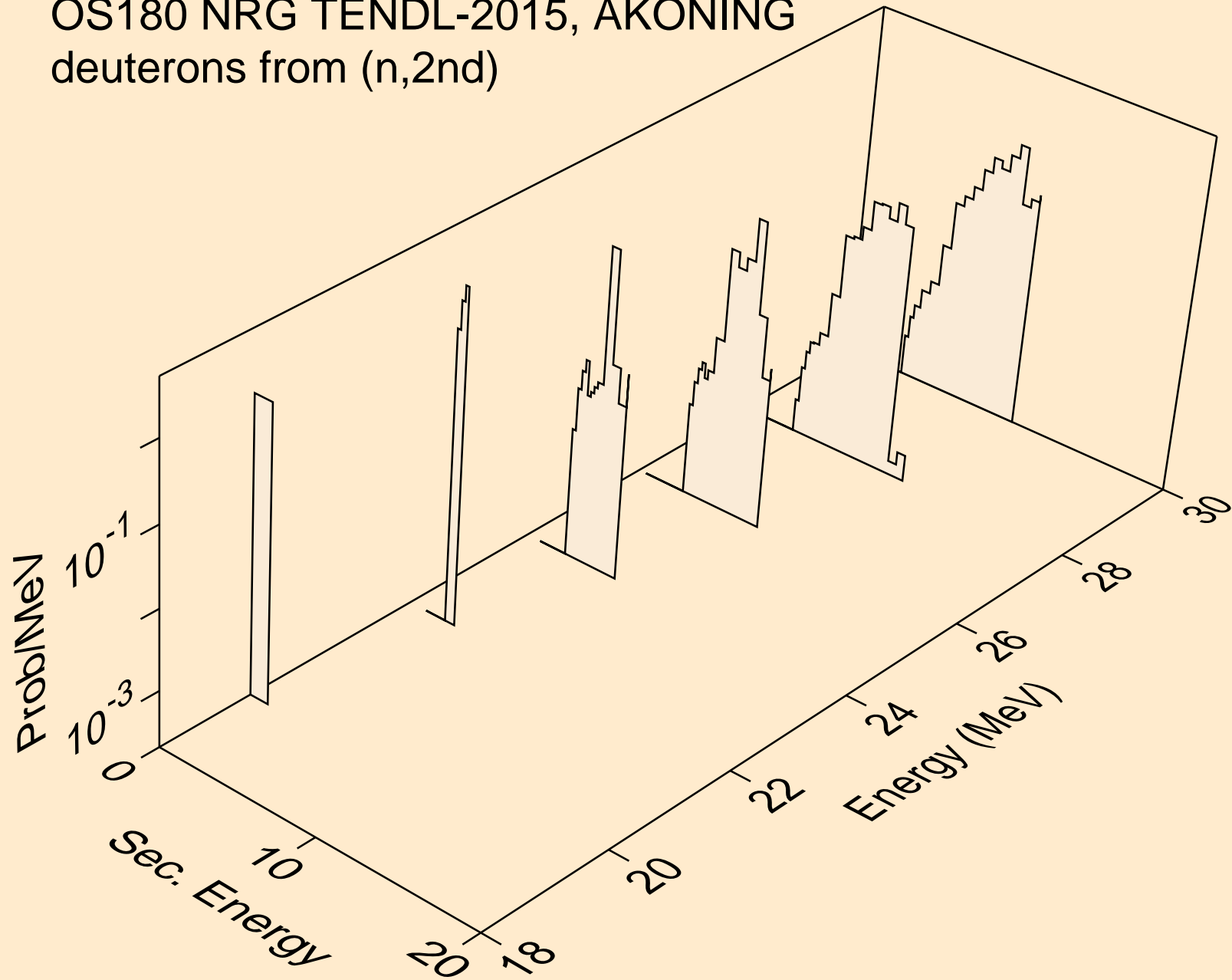




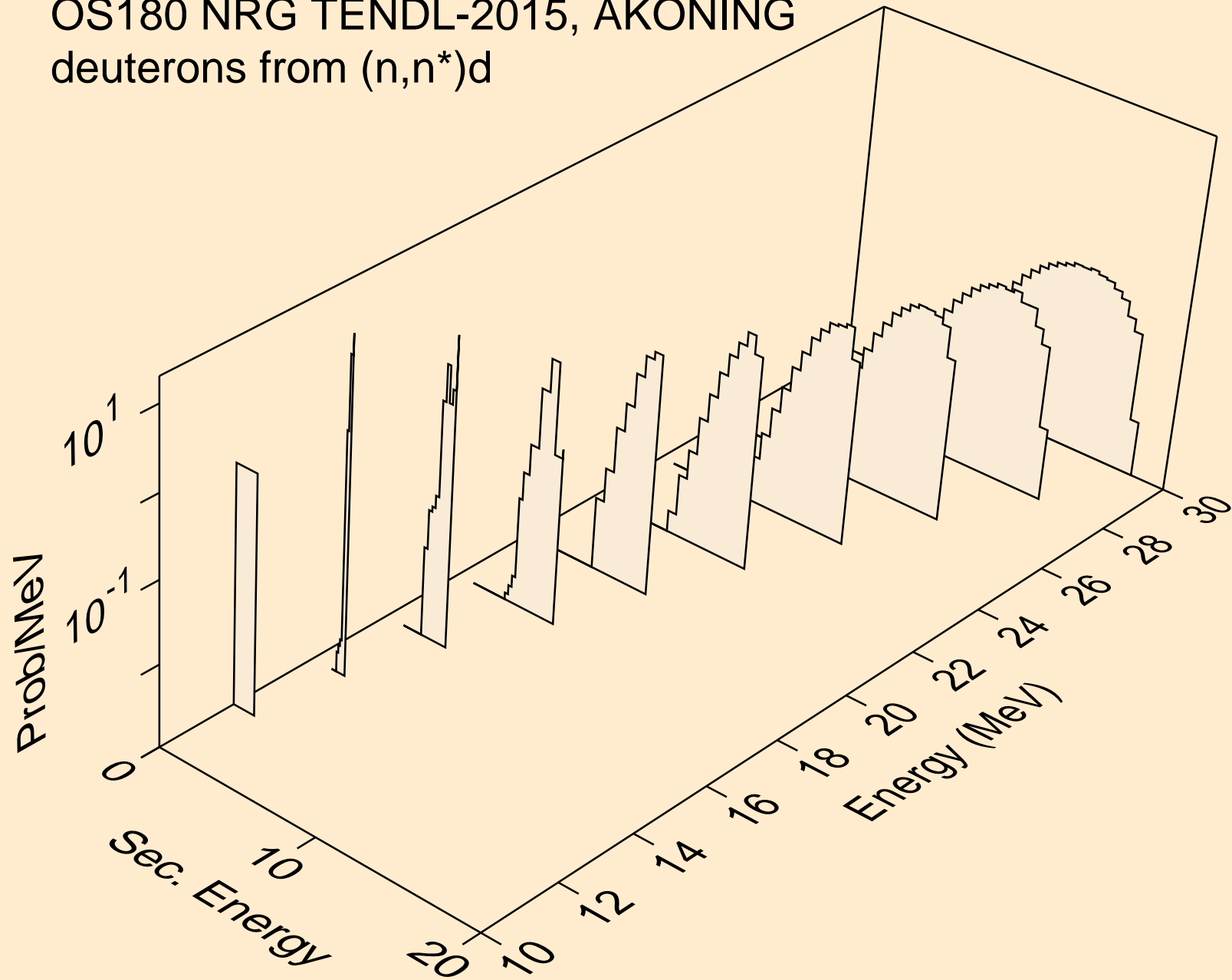
OS180 NRG TENDL-2015, AKONING  
deuterons from (n,x)



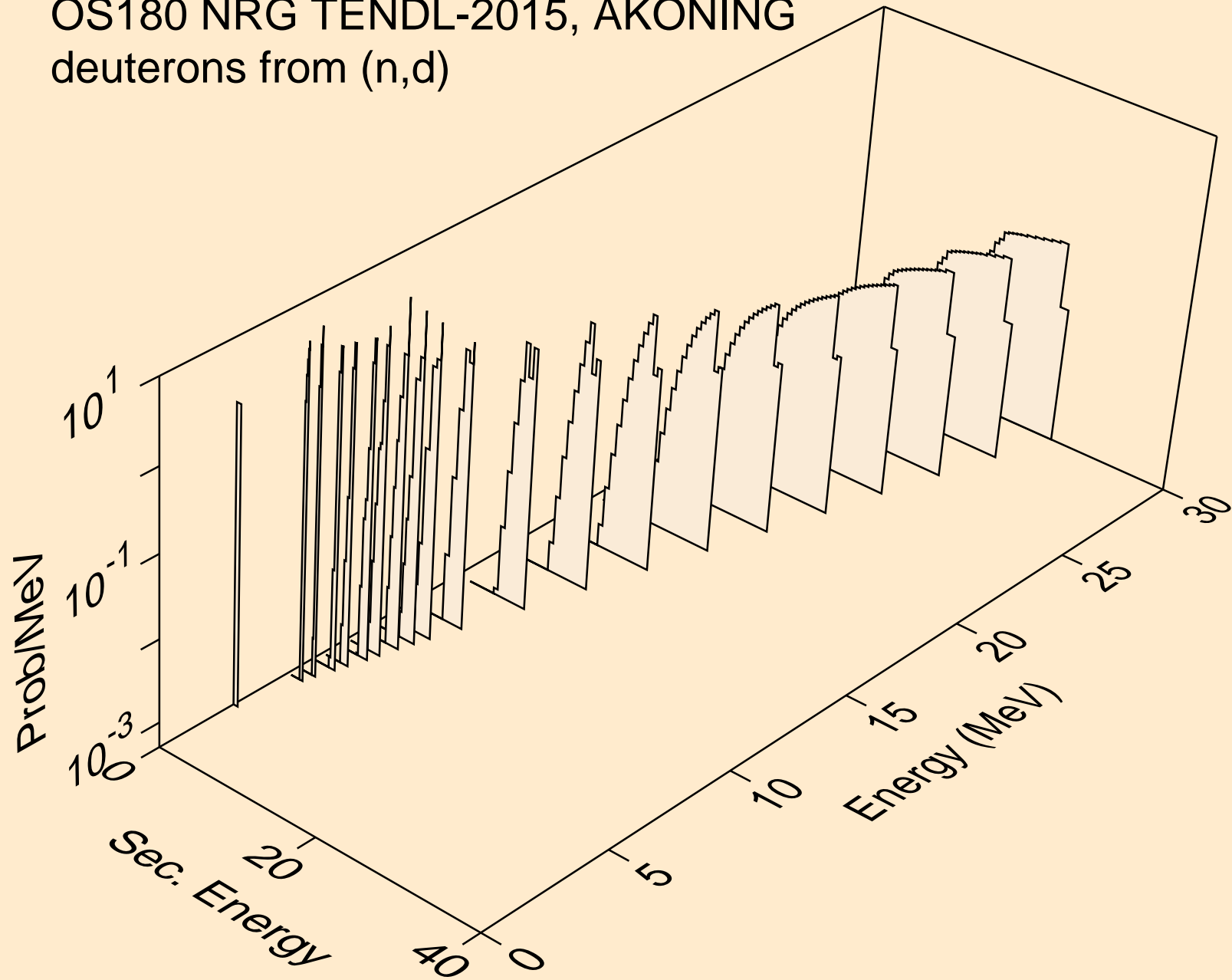
OS180 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



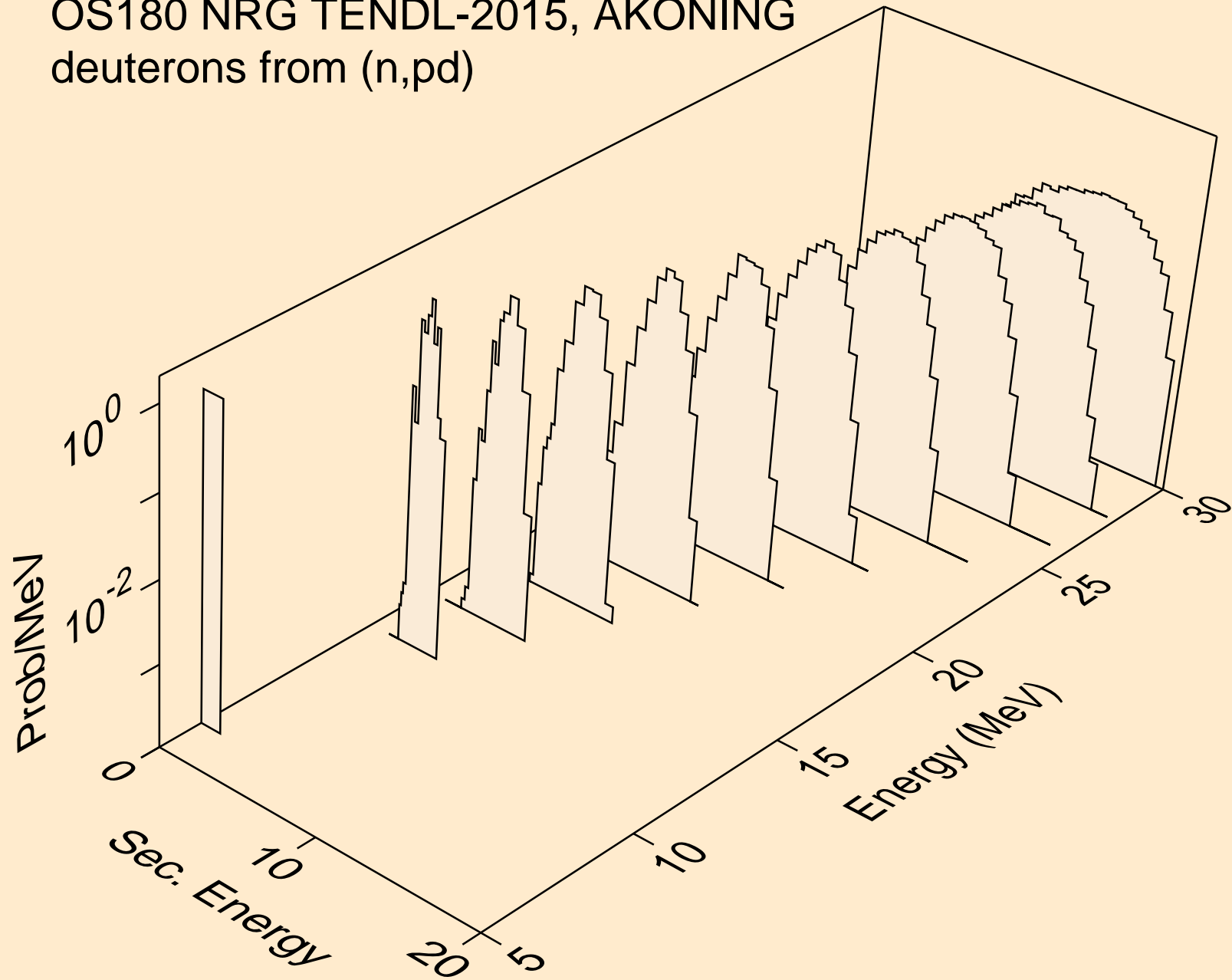
OS180 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



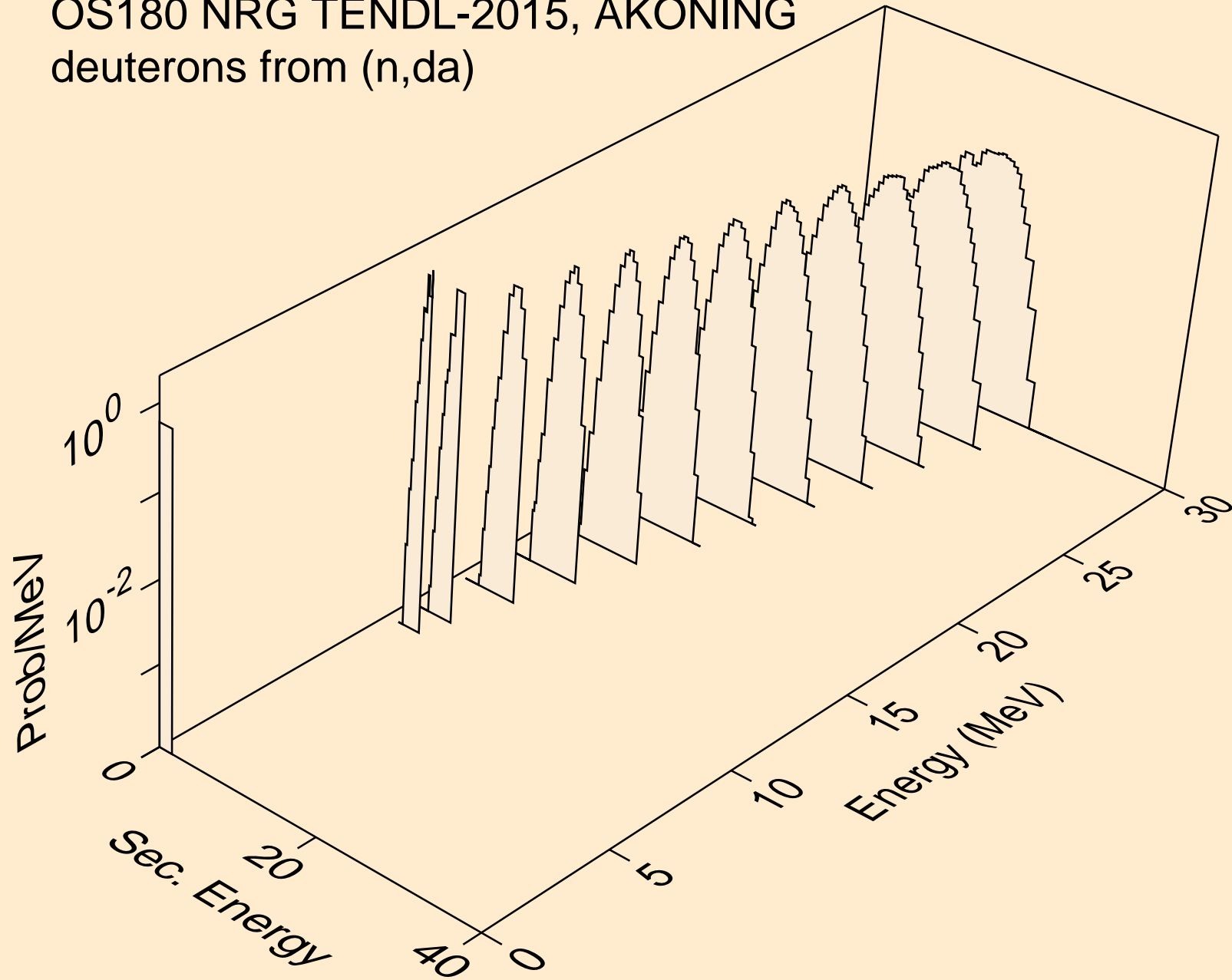
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deuterons from (n,d)



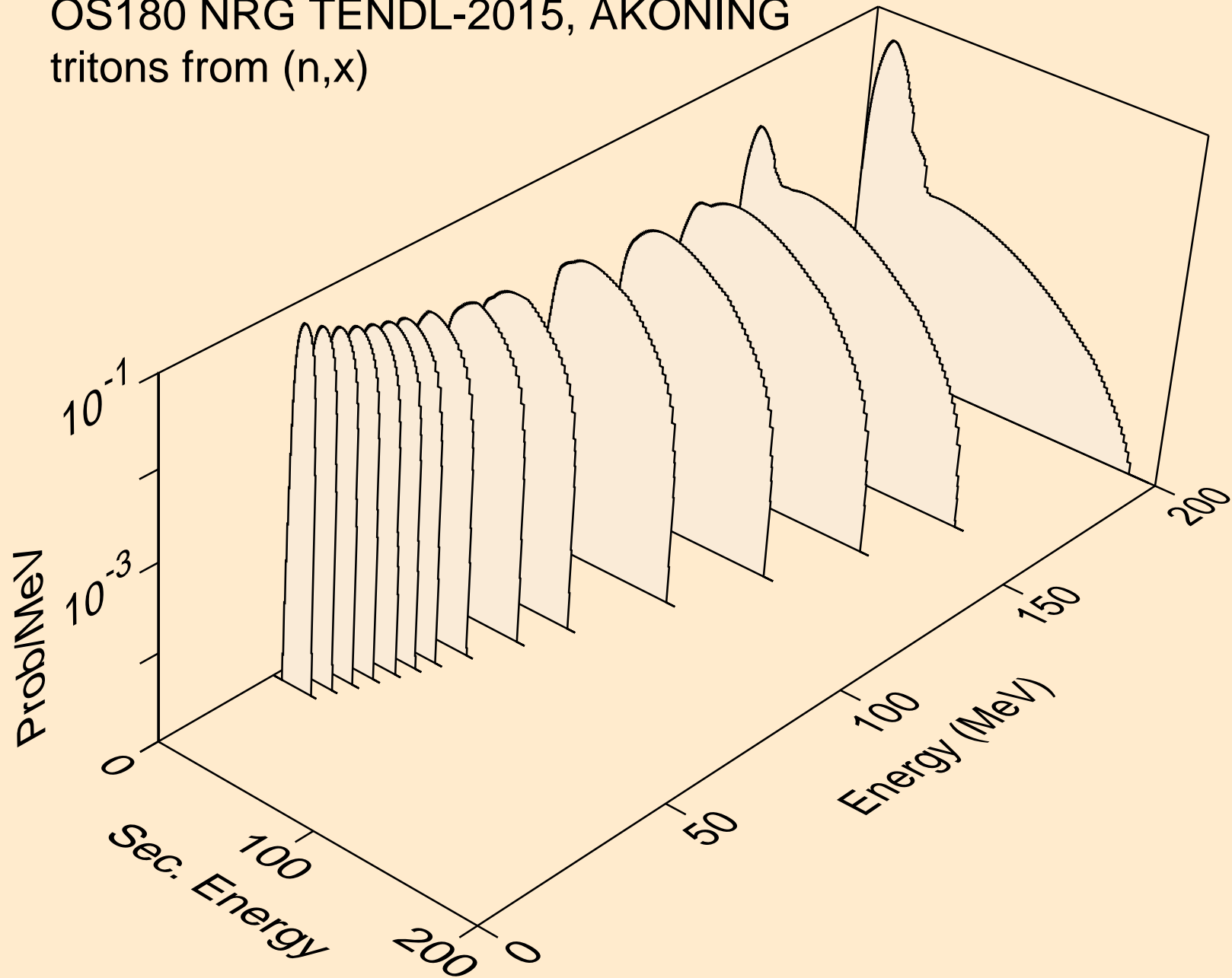
OS180 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



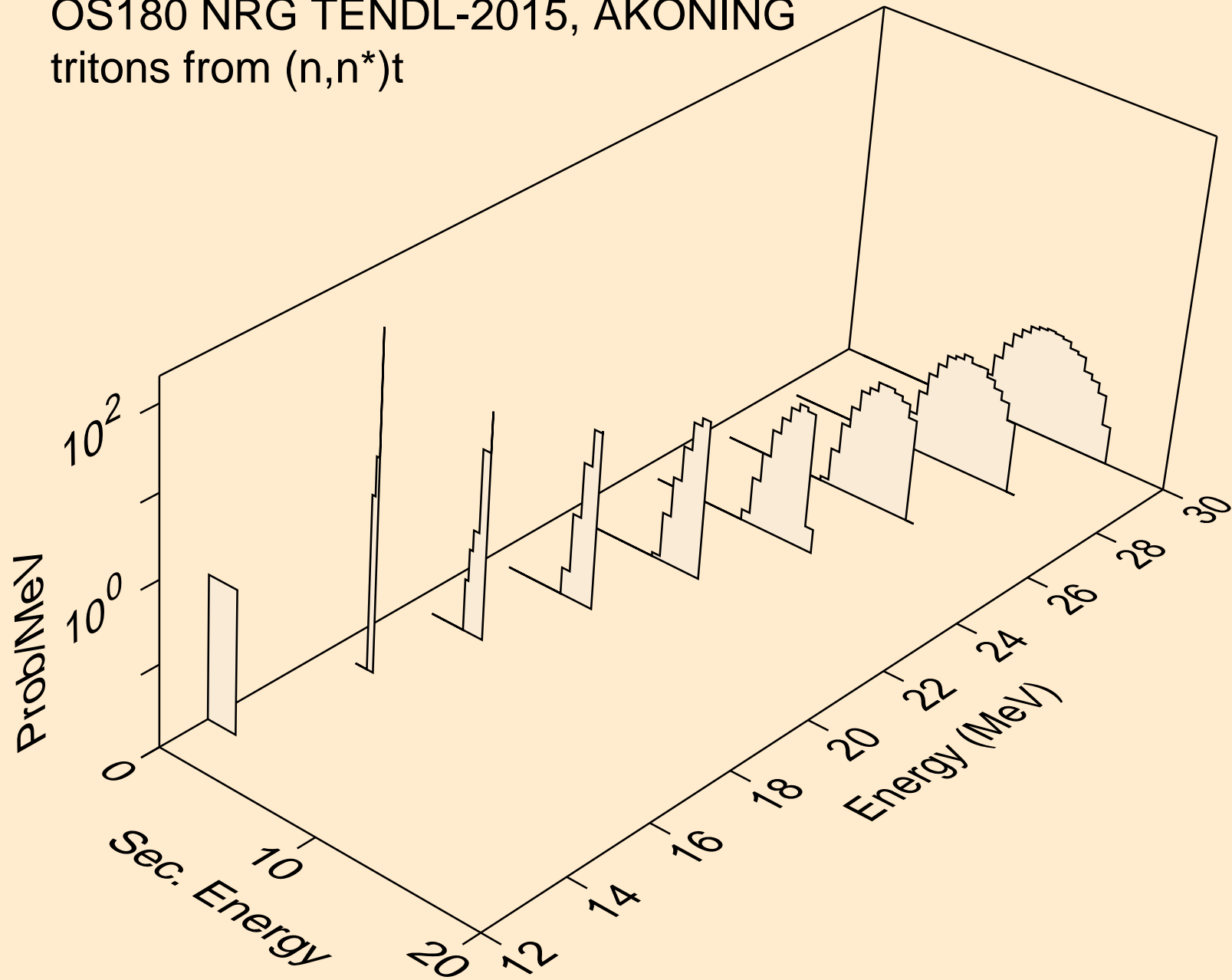
OS180 NRG TENDL-2015, AKONING  
deuterons from (n,da)



OS180 NRG TENDL-2015, AKONING  
tritons from (n,x)

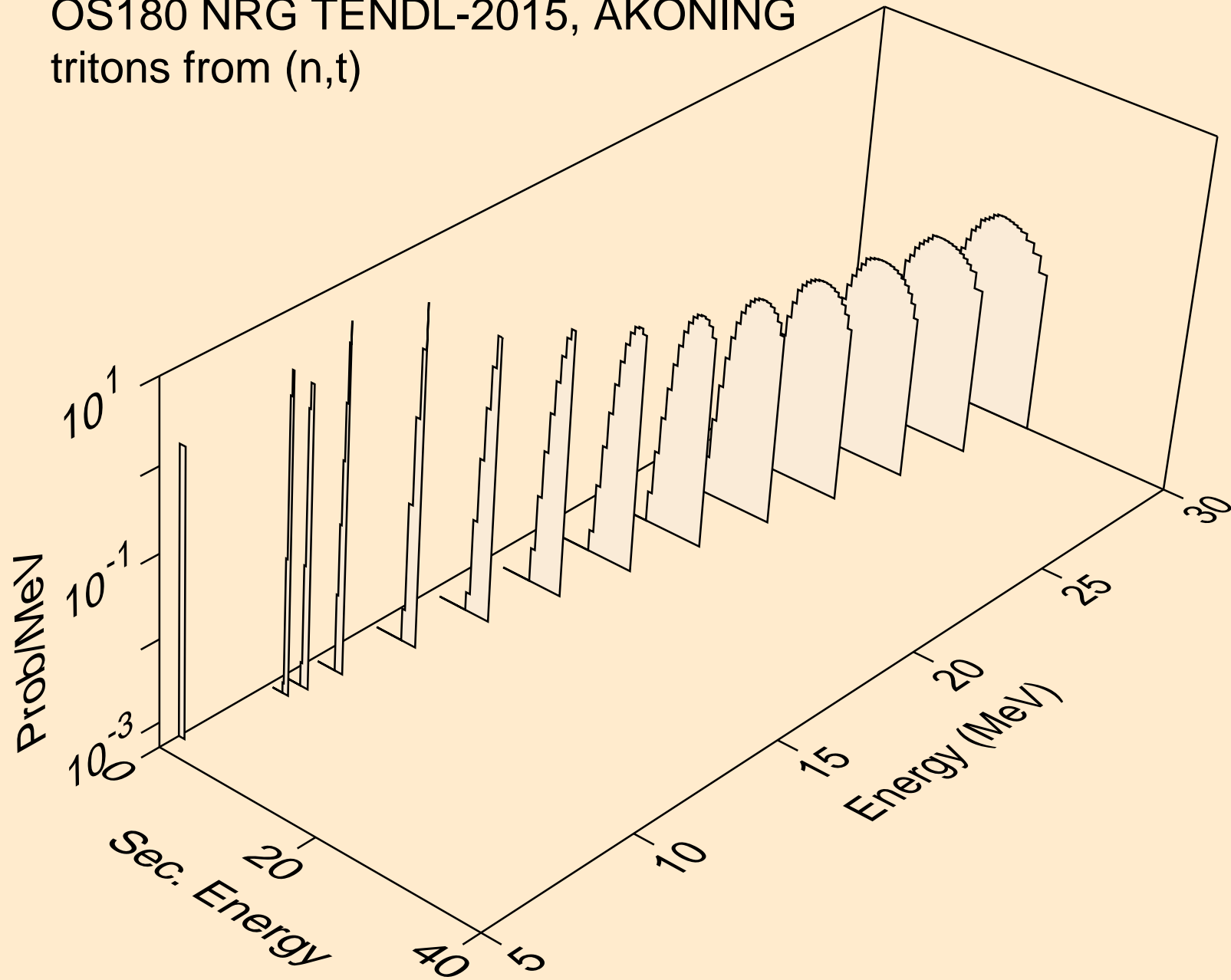


OS180 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

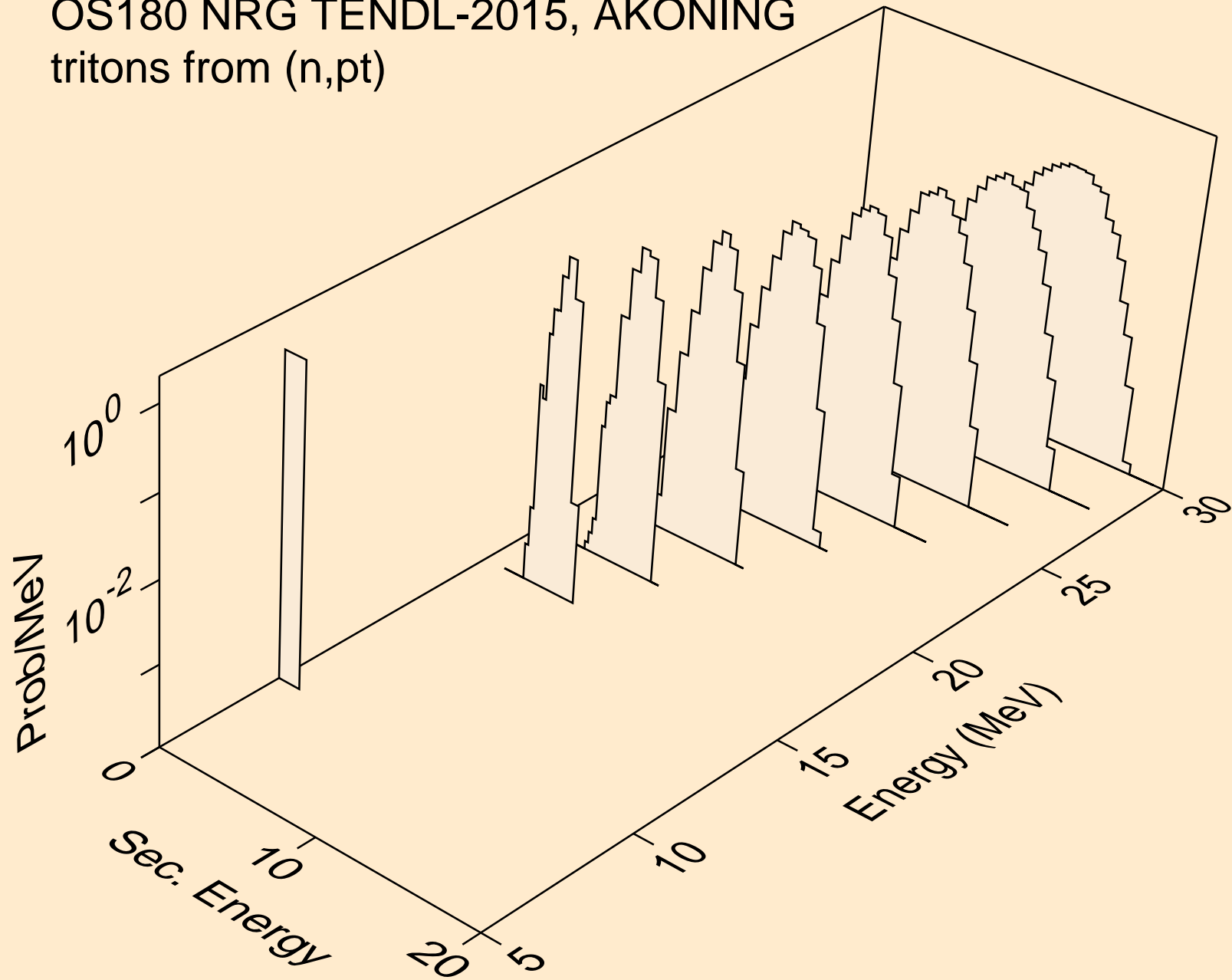




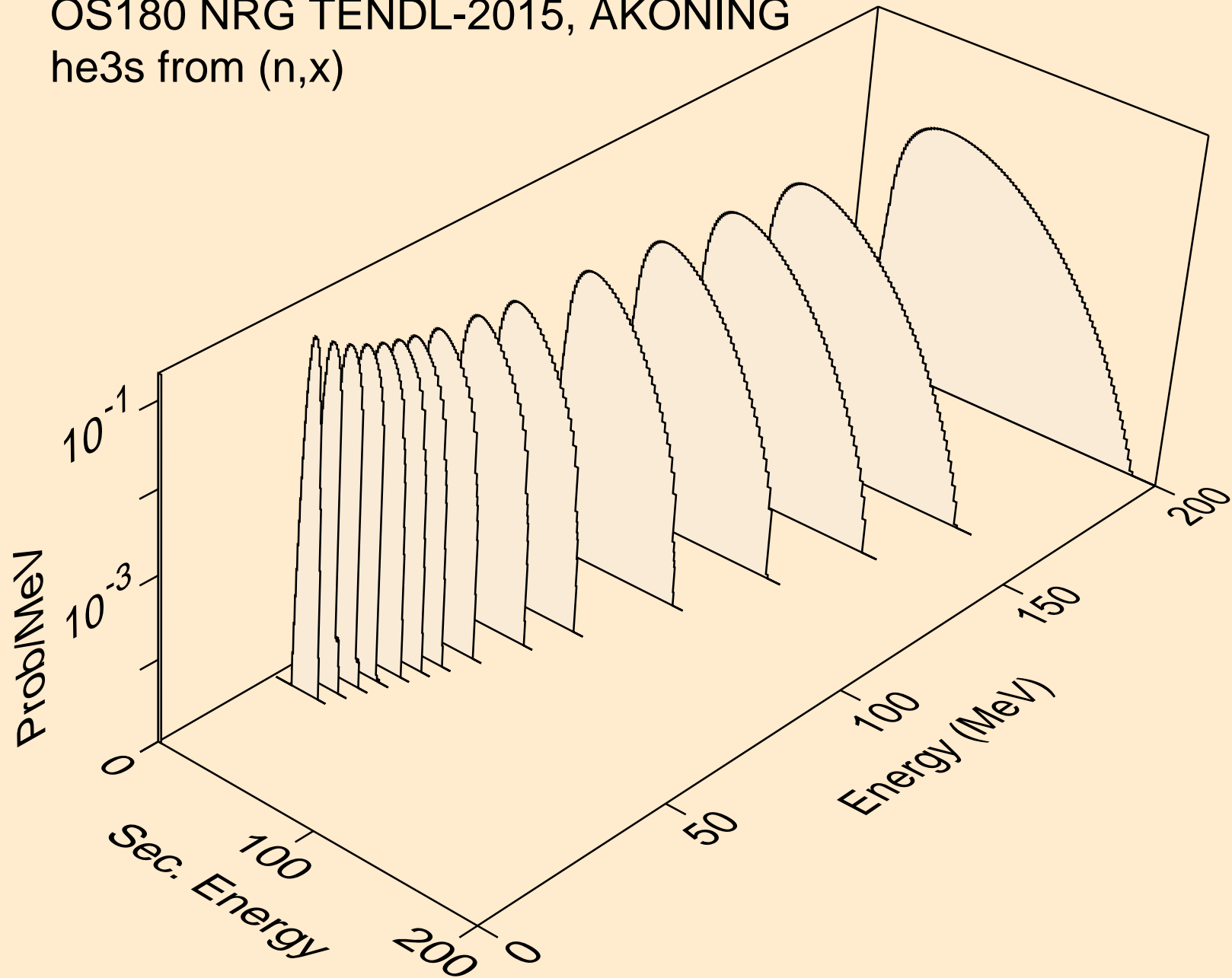
OS180 NRG TENDL-2015, AKONING  
tritons from (n,t)



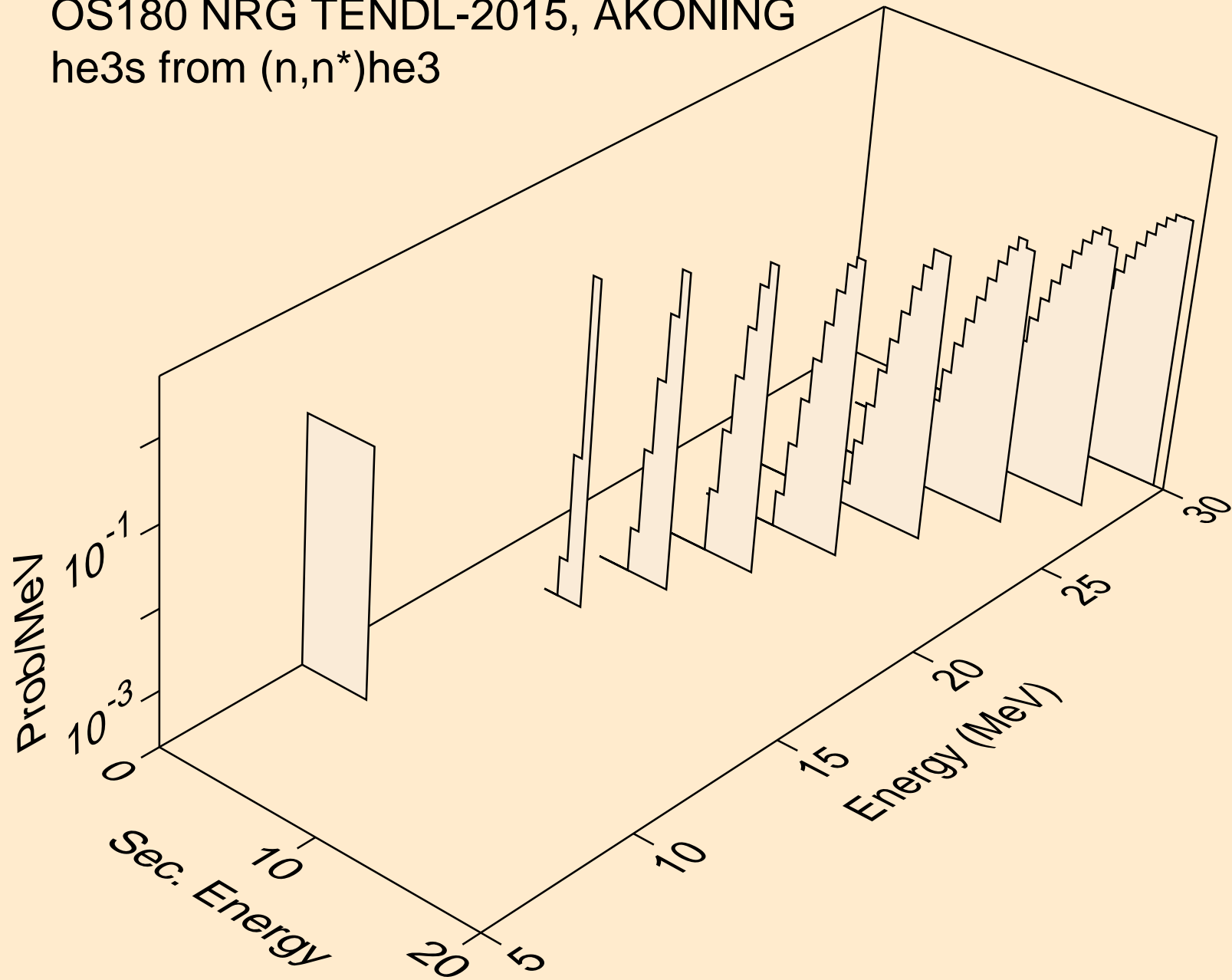
OS180 NRG TENDL-2015, AKONING  
tritons from (n,pt)



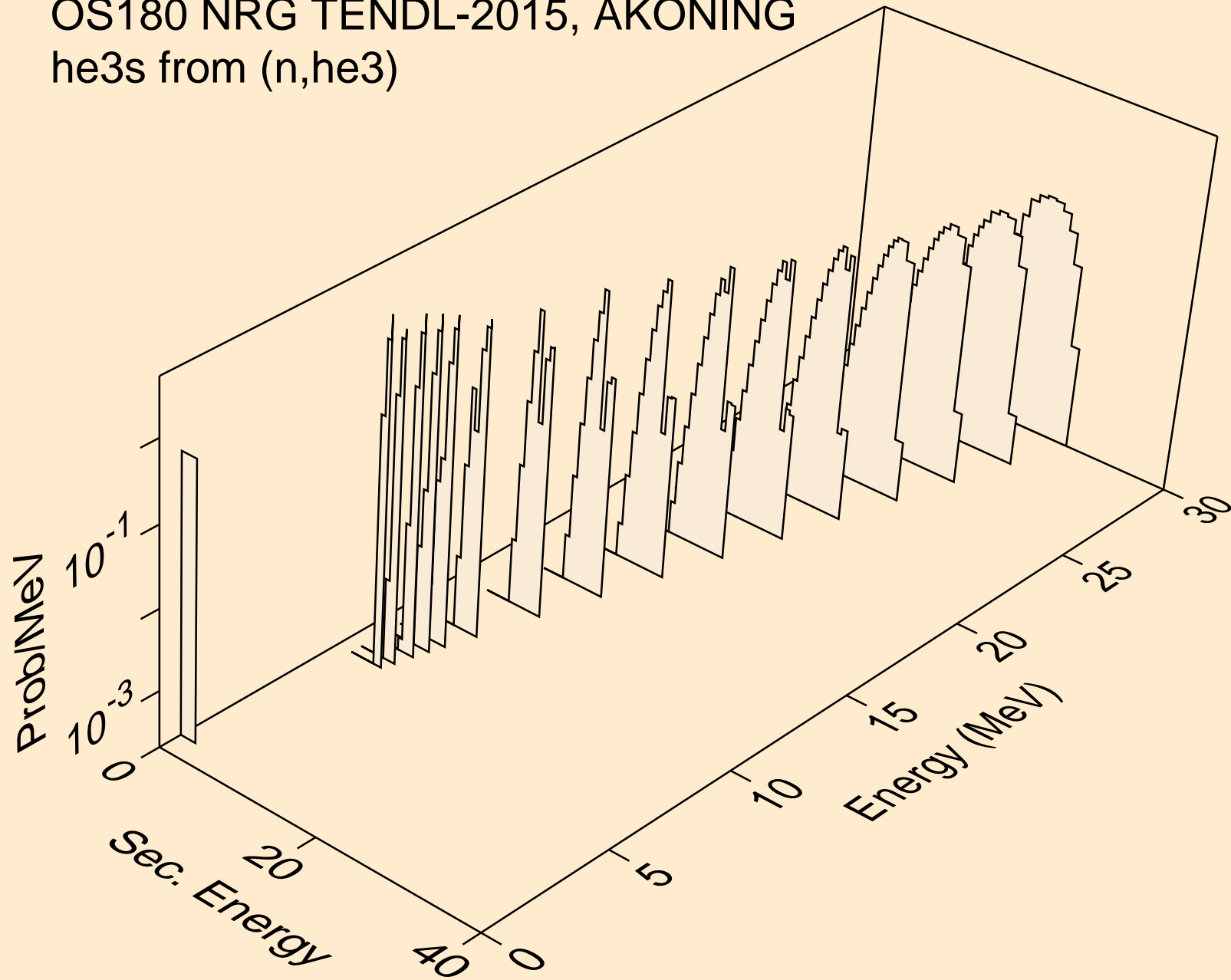
OS180 NRG TENDL-2015, AKONING  
he3s from (n,x)



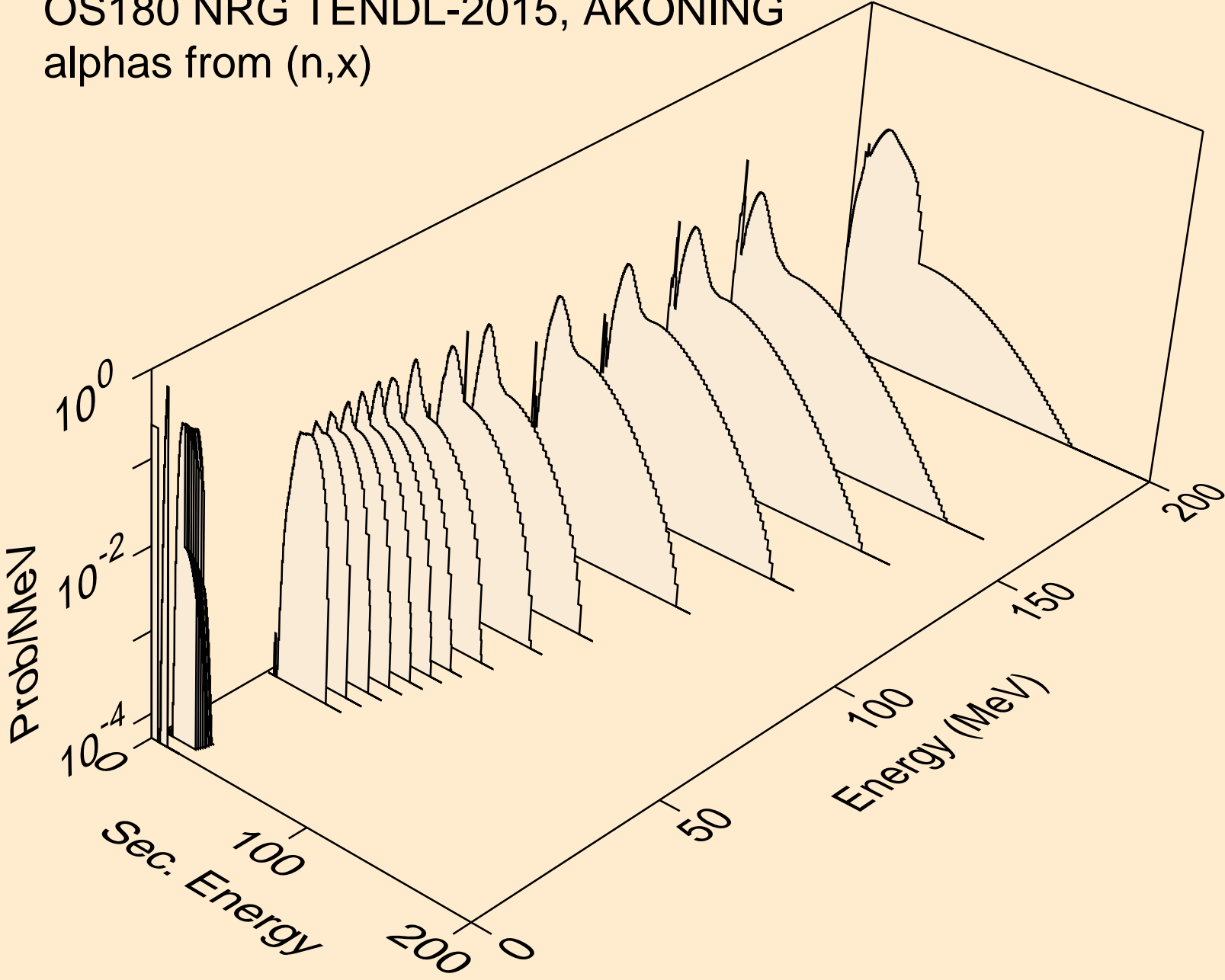
OS180 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



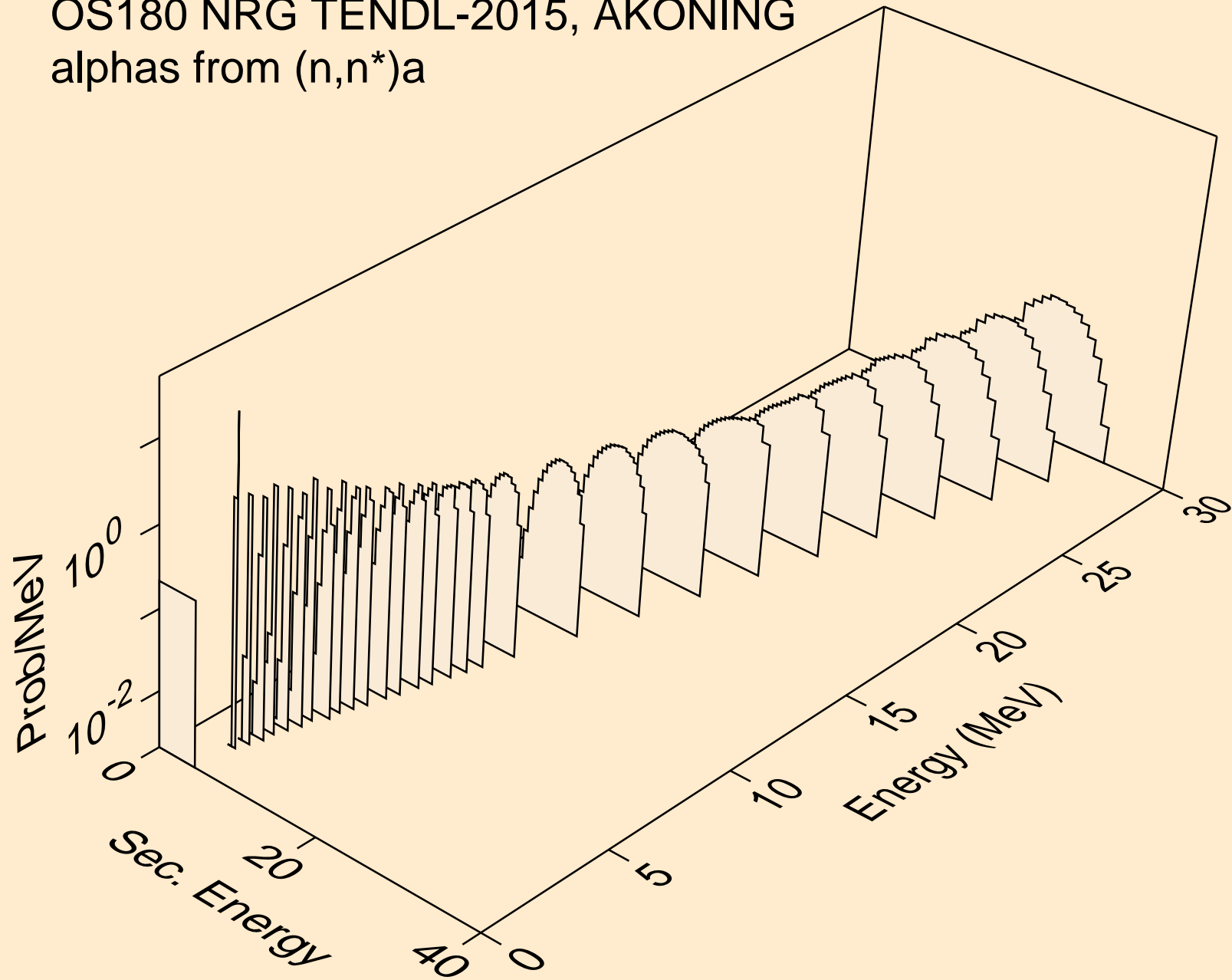
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he3s from (n,he3)



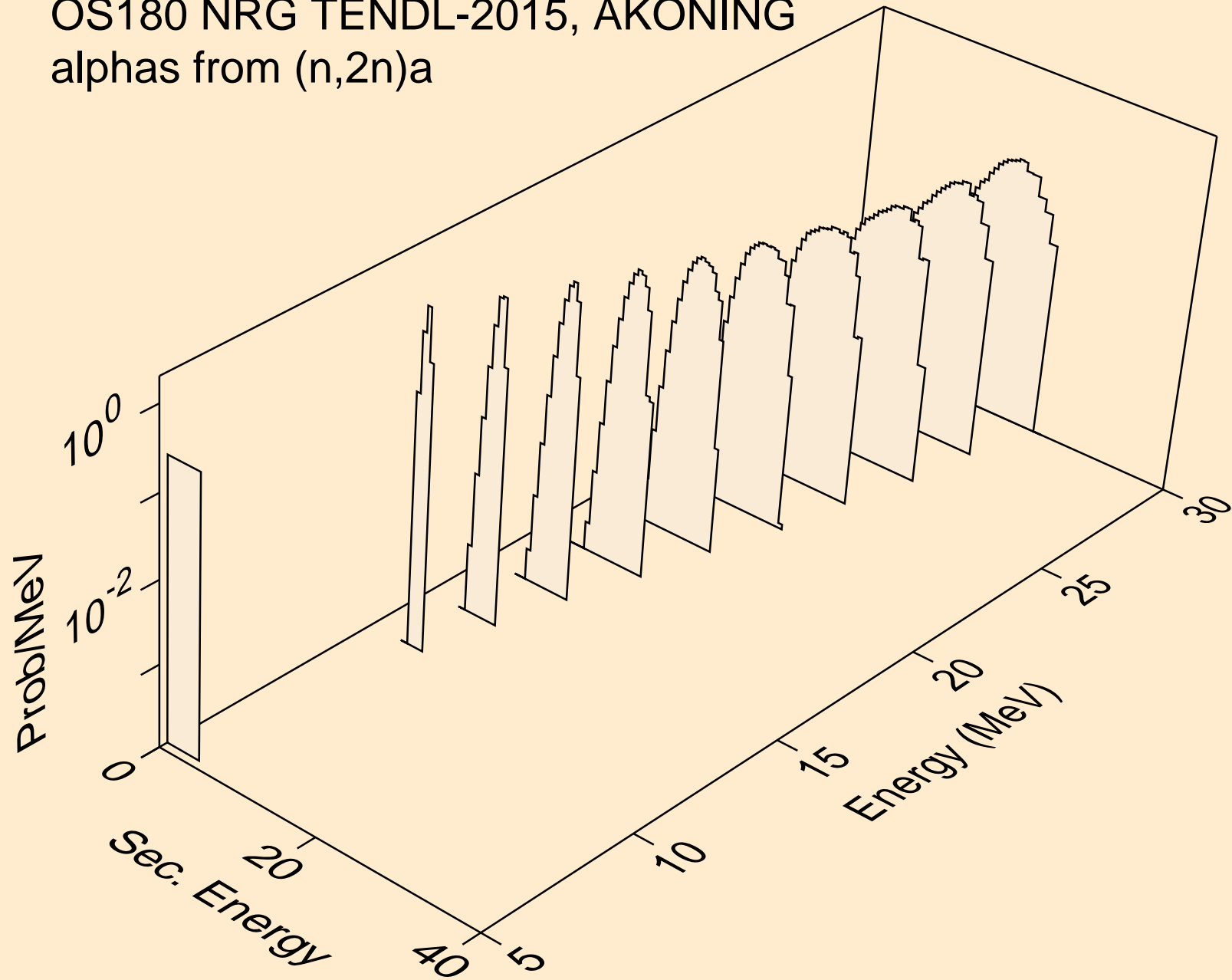
OS180 NRG TENDL-2015, AKONING  
alphas from (n,x)



OS180 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

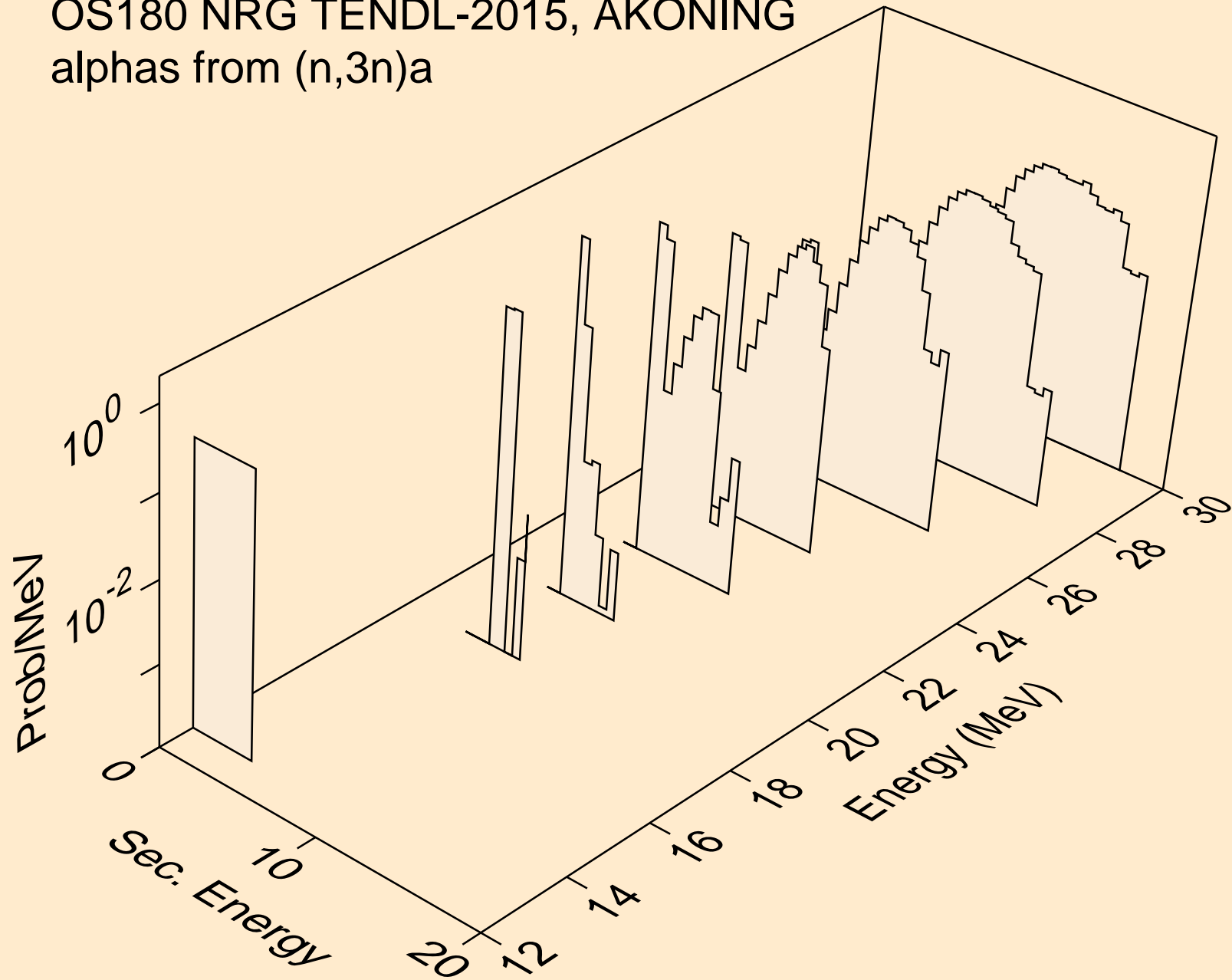


OS180 NRG TENDL-2015, AKONING  
alphas from (n,2n)a

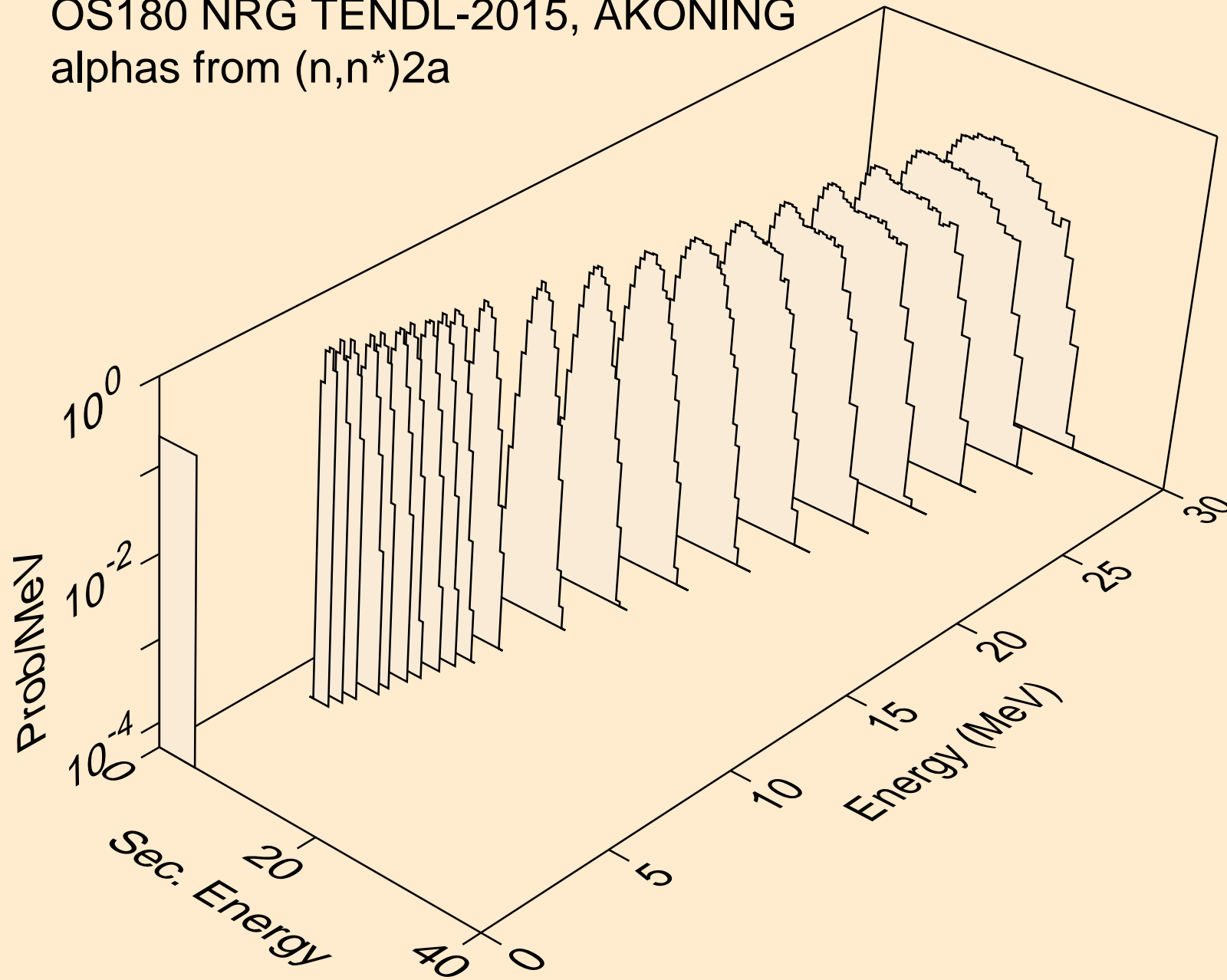




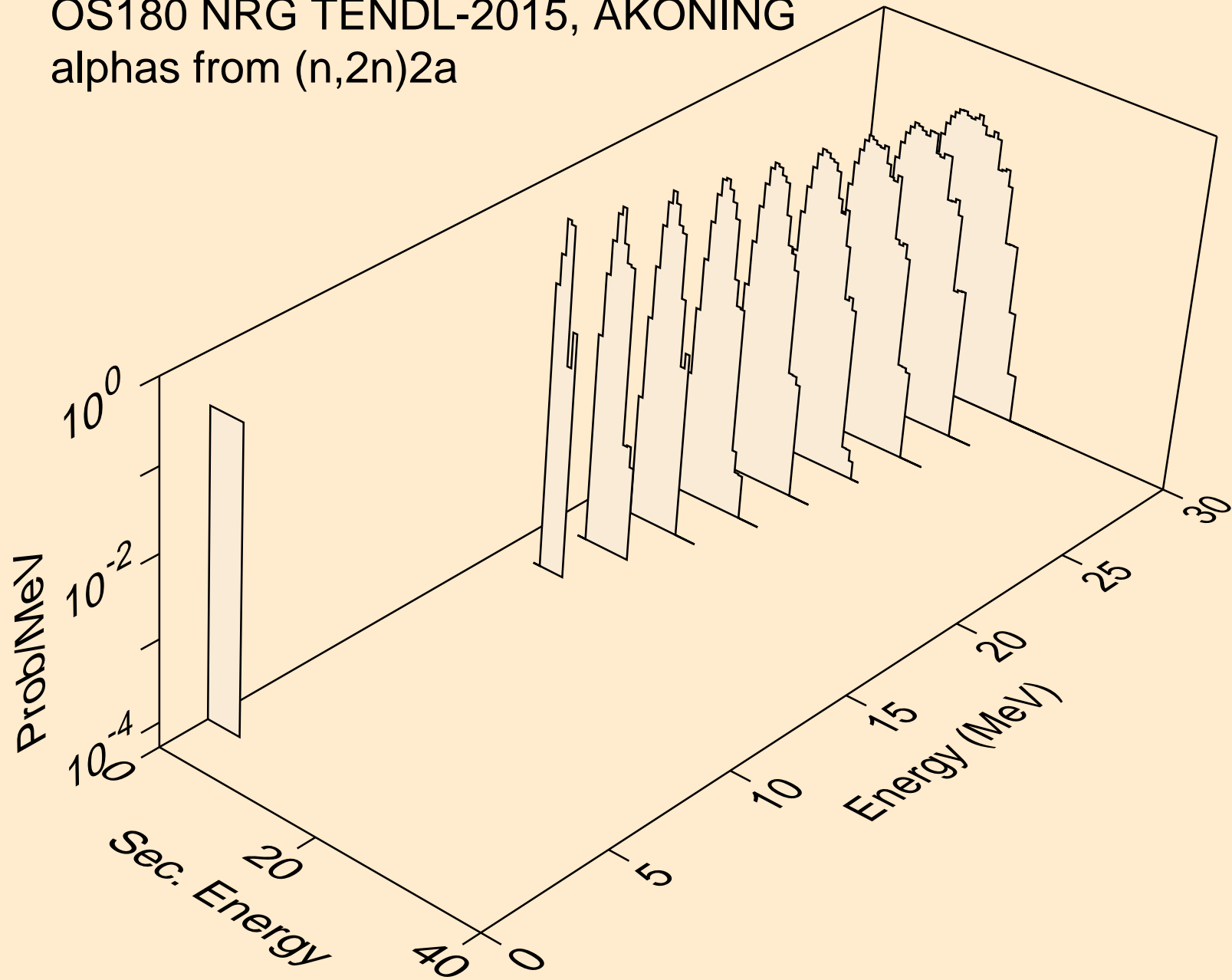
OS180 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



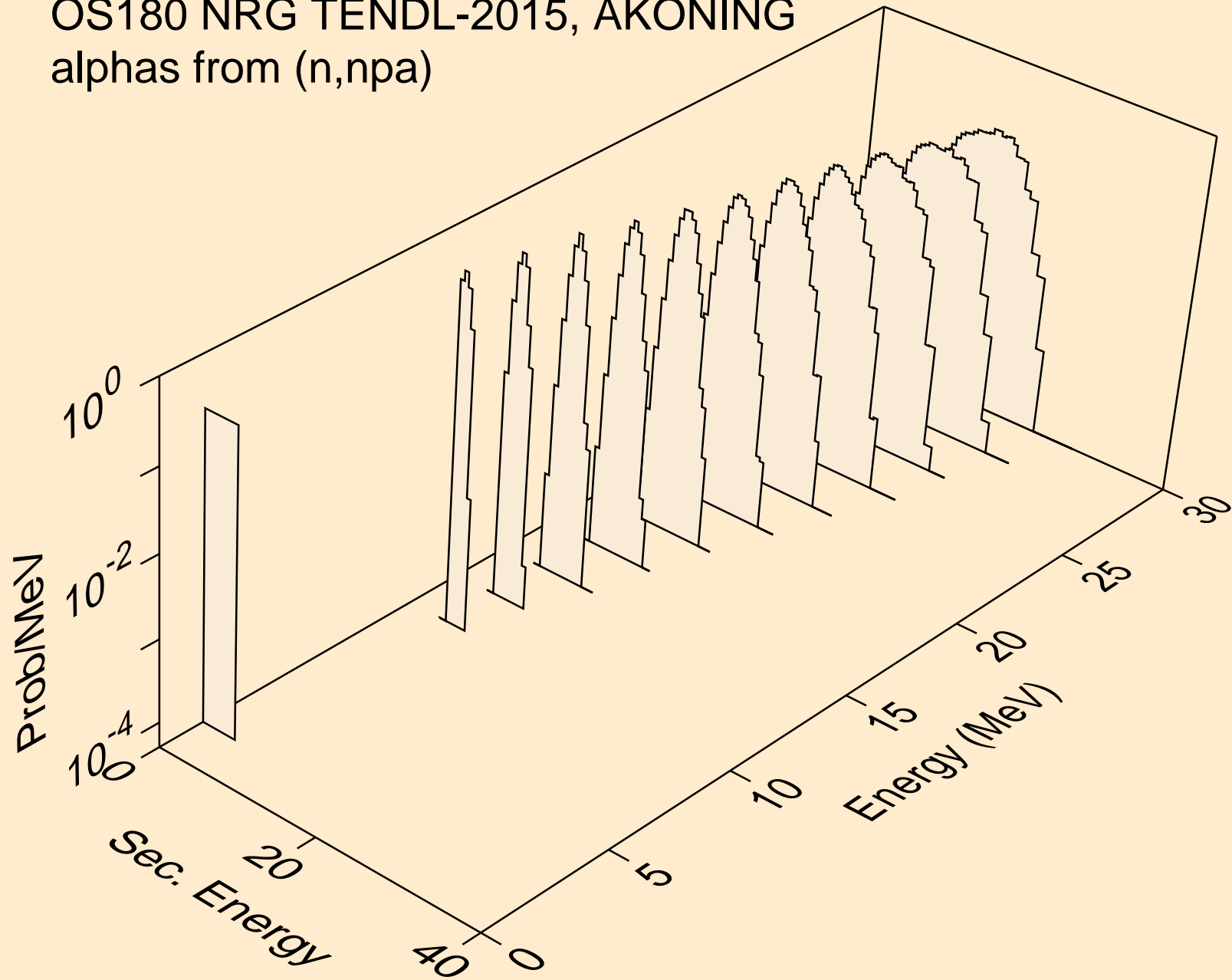
OS180 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



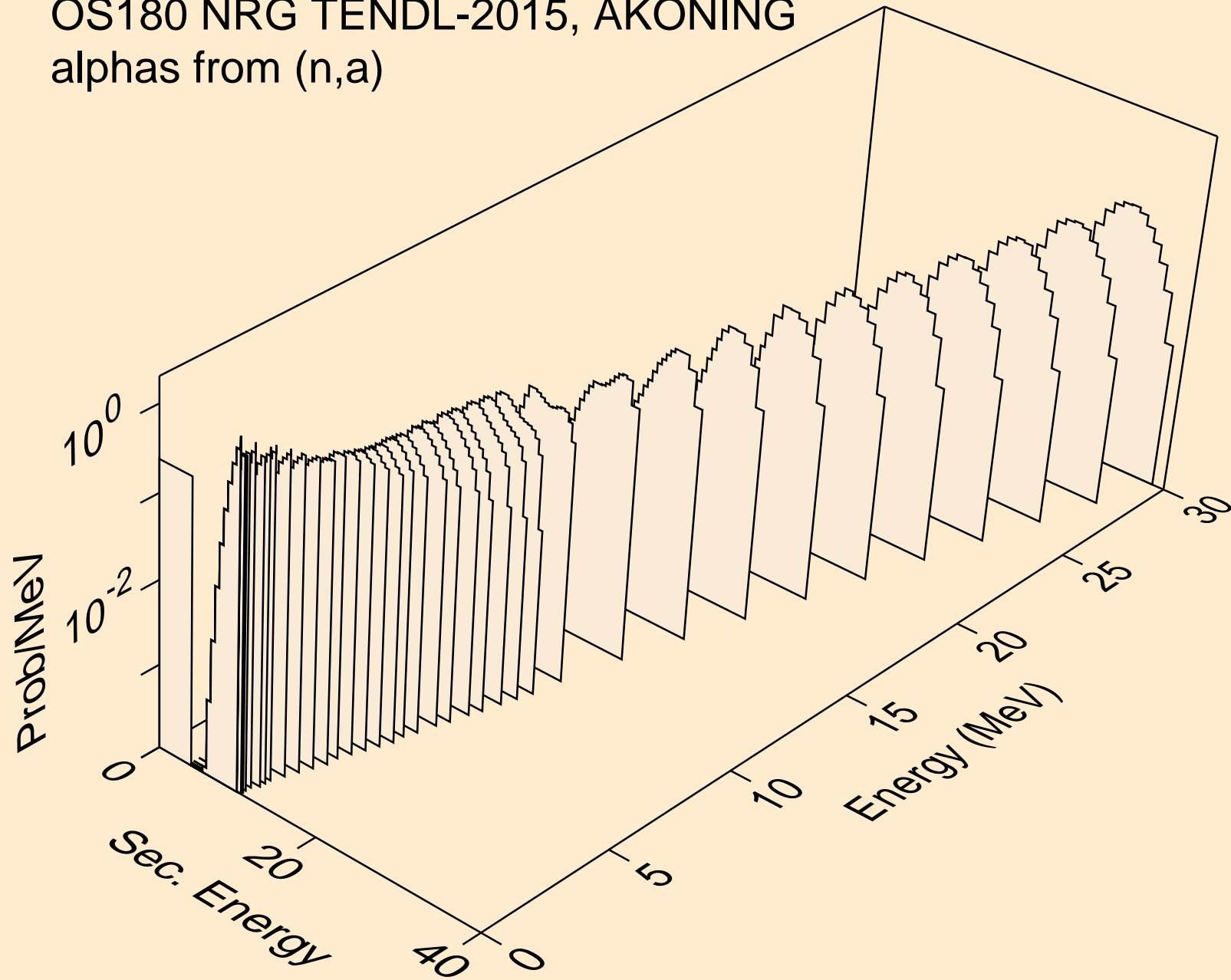
OS180 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



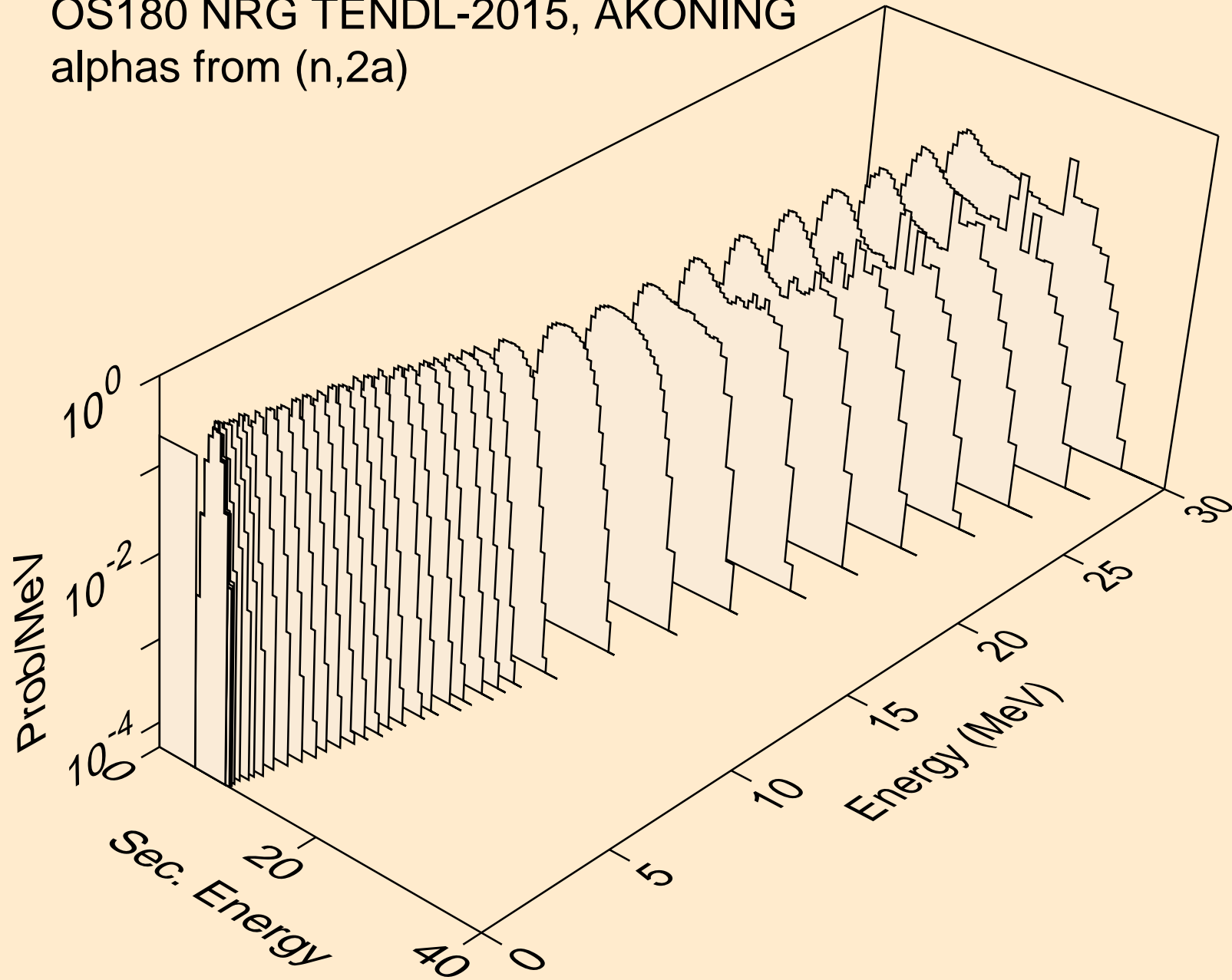
OS180 NRG TENDL-2015, AKONING  
alphas from (n,npa)



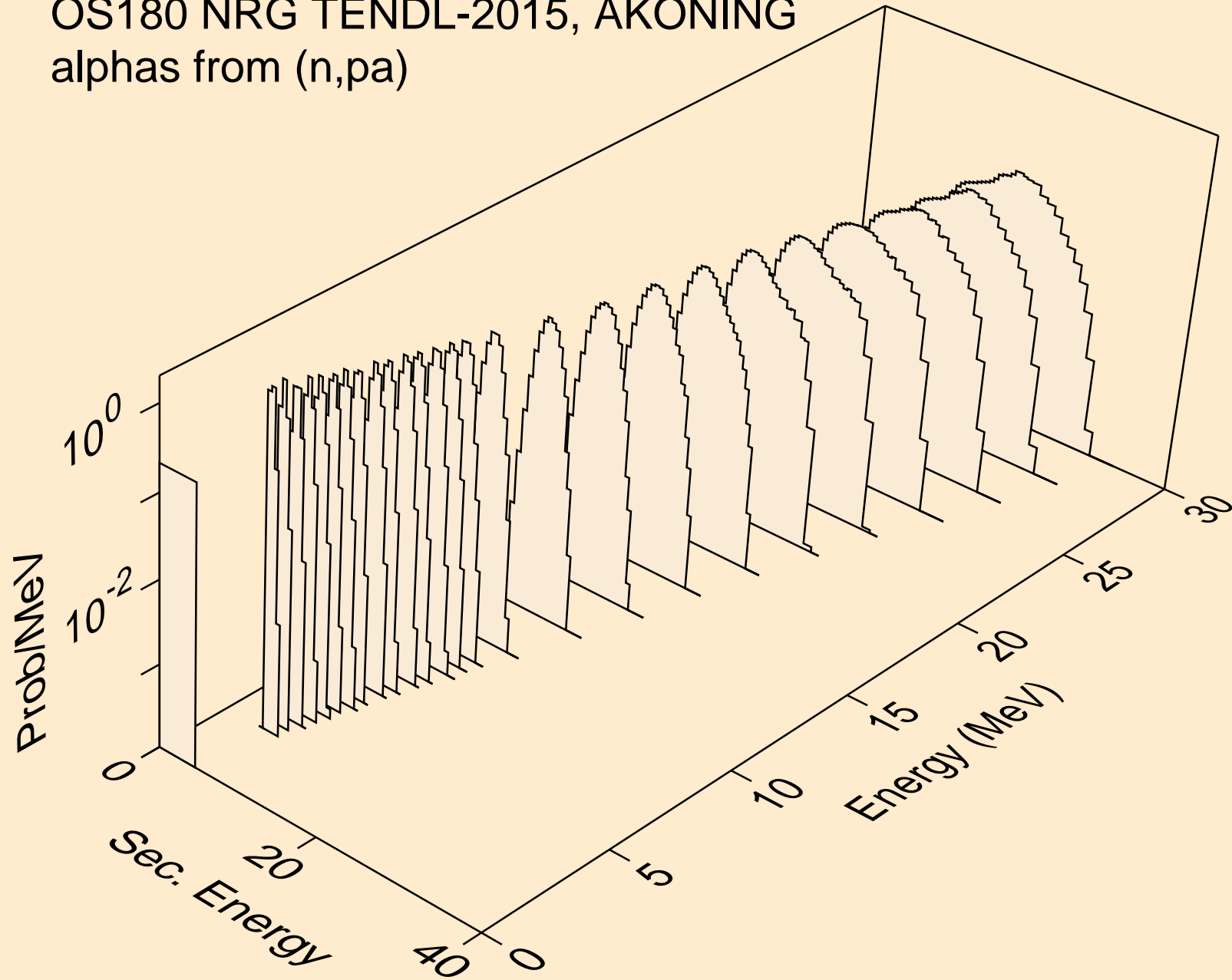
OS180 NRG TENDL-2015, AKONING  
alphas from (n,a)



OS180 NRG TENDL-2015, AKONING  
alphas from (n,2a)



OS180 NRG TENDL-2015, AKONING  
alphas from (n,pa)



OS180 NRG TENDL-2015, AKONING  
alphas from (n,da)

