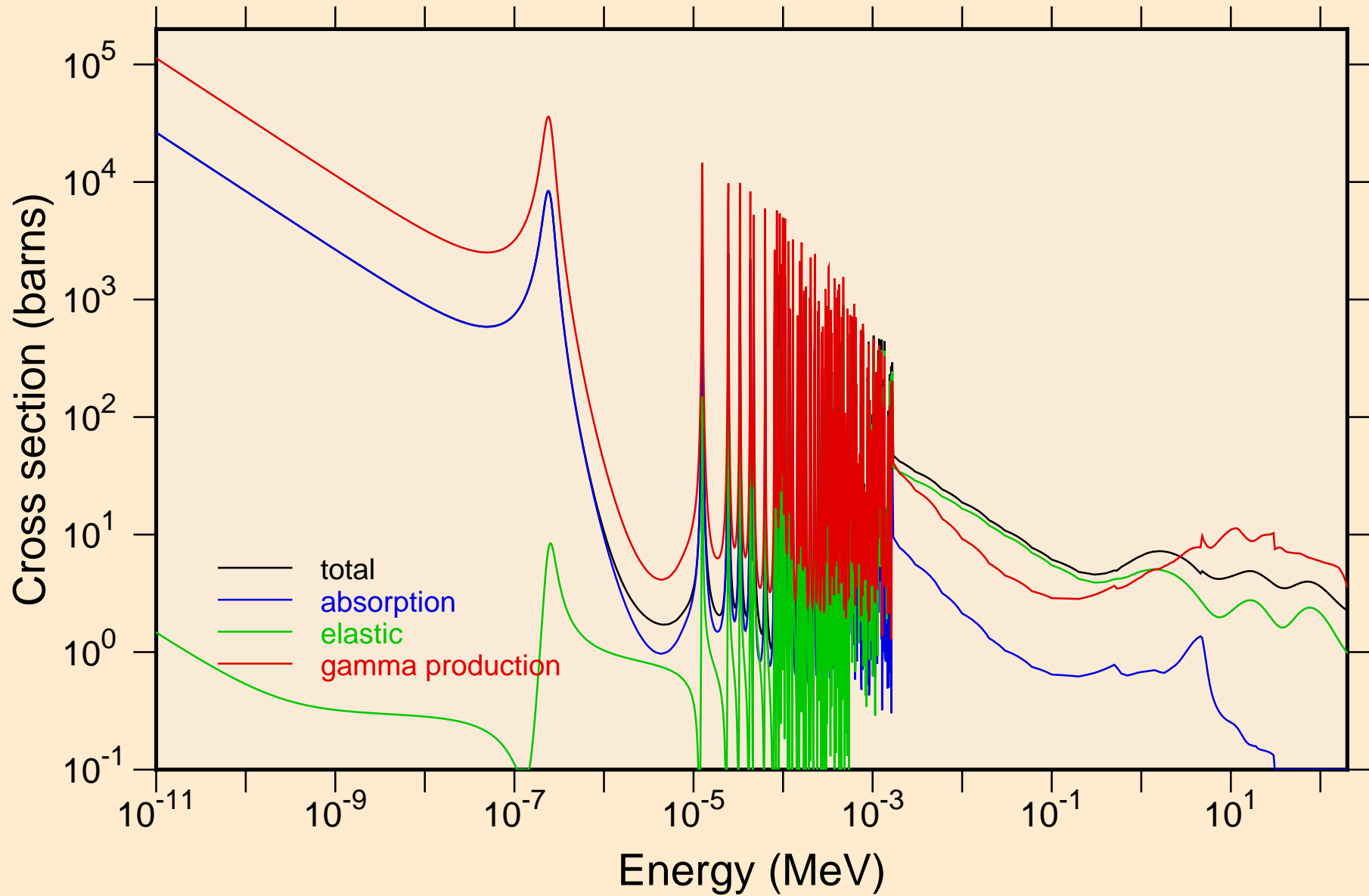
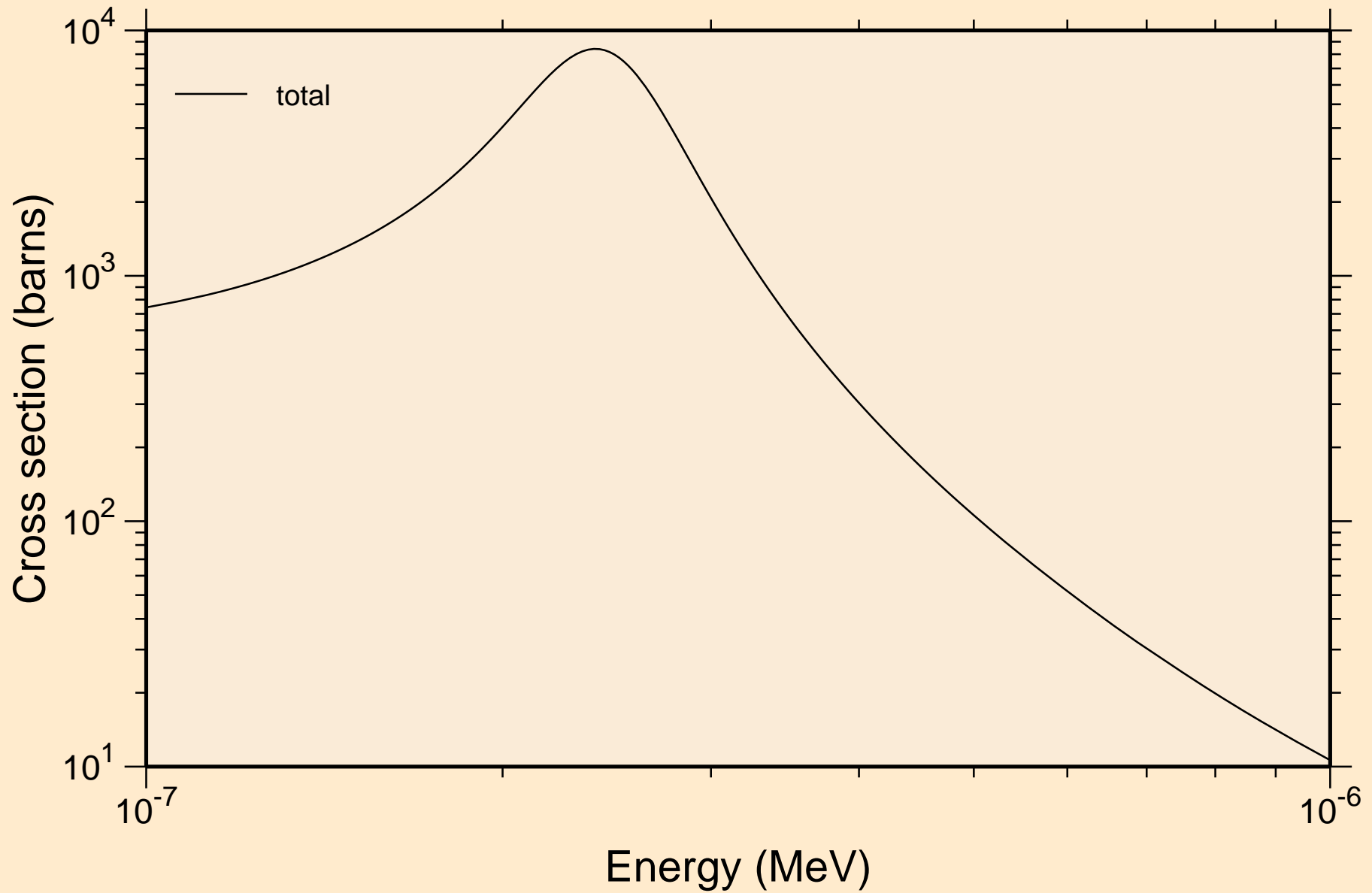


# SM140 NRG TENDL-2015, AKONING

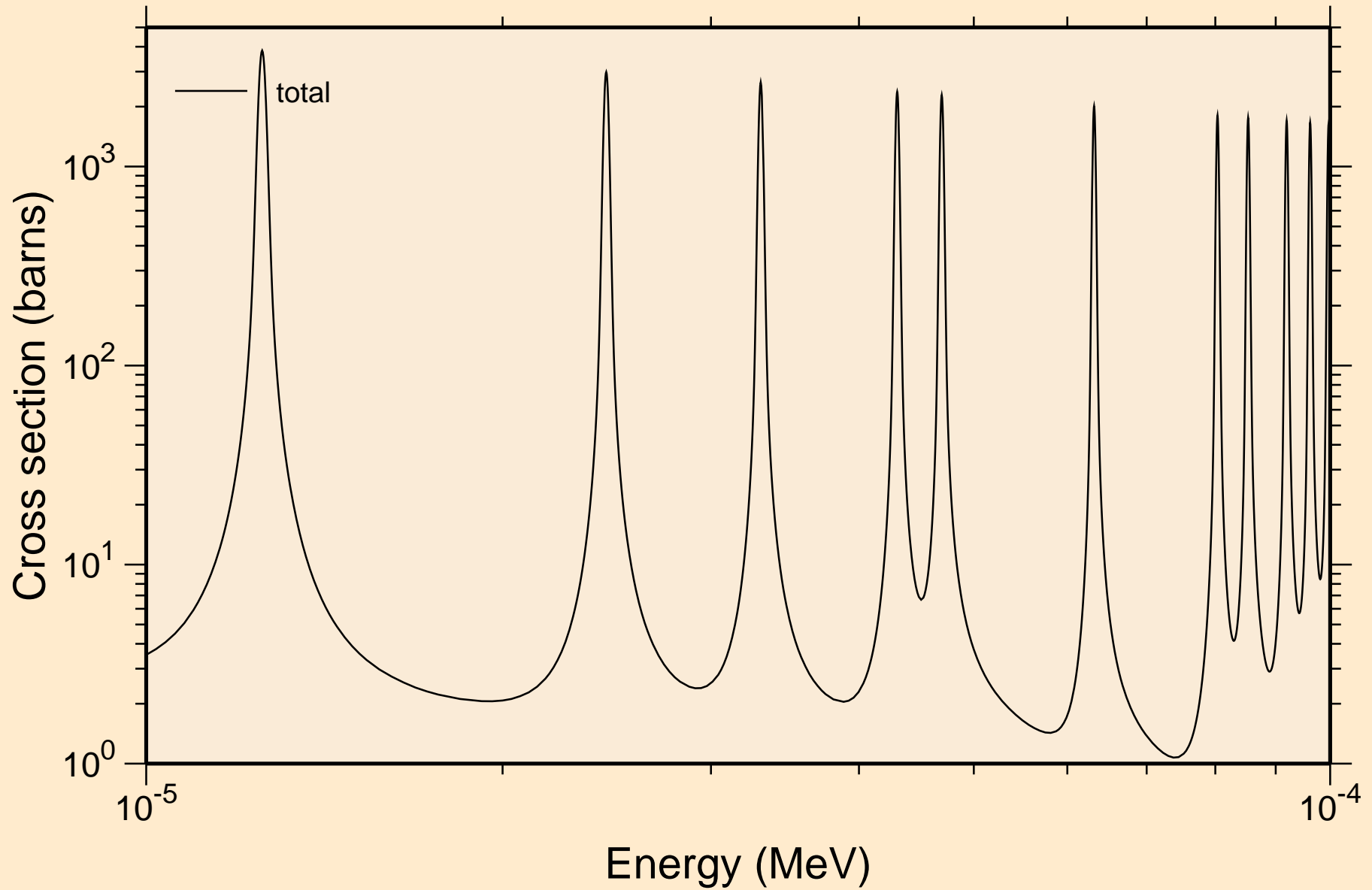
## Principal cross sections



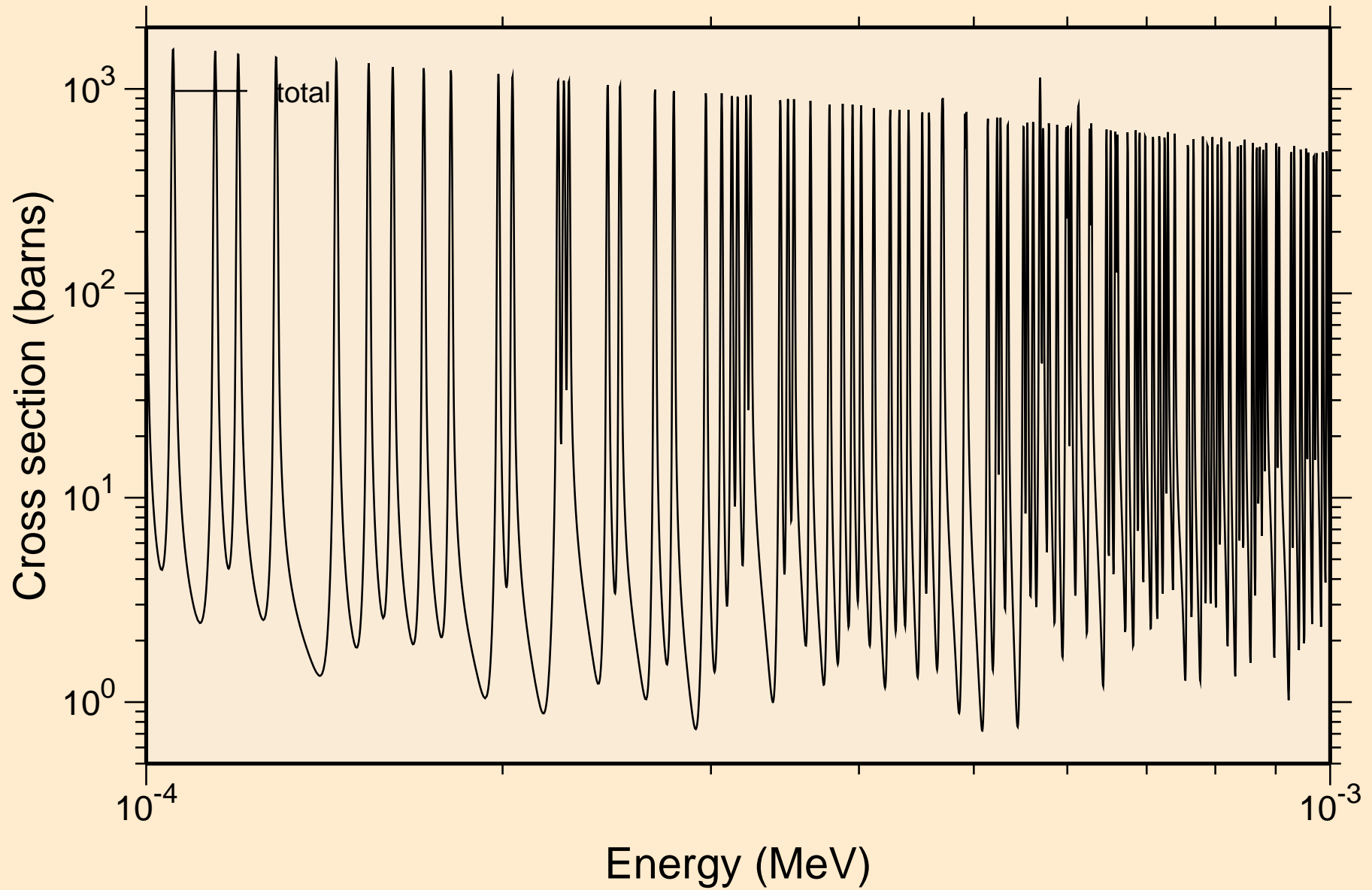
SM140 NRG TENDL-2015, AKONING  
resonance total cross section



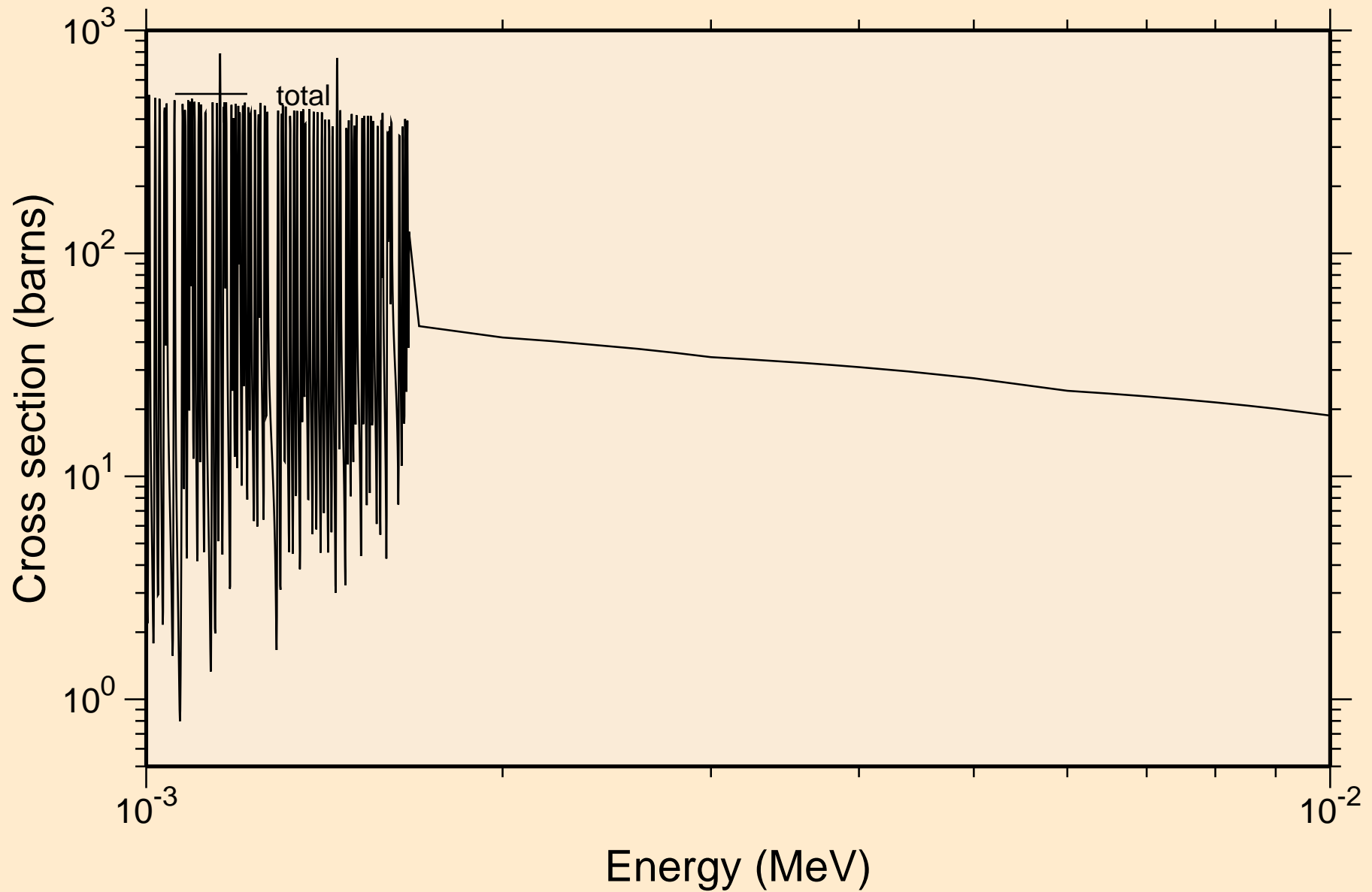
SM140 NRG TENDL-2015, AKONING  
resonance total cross section



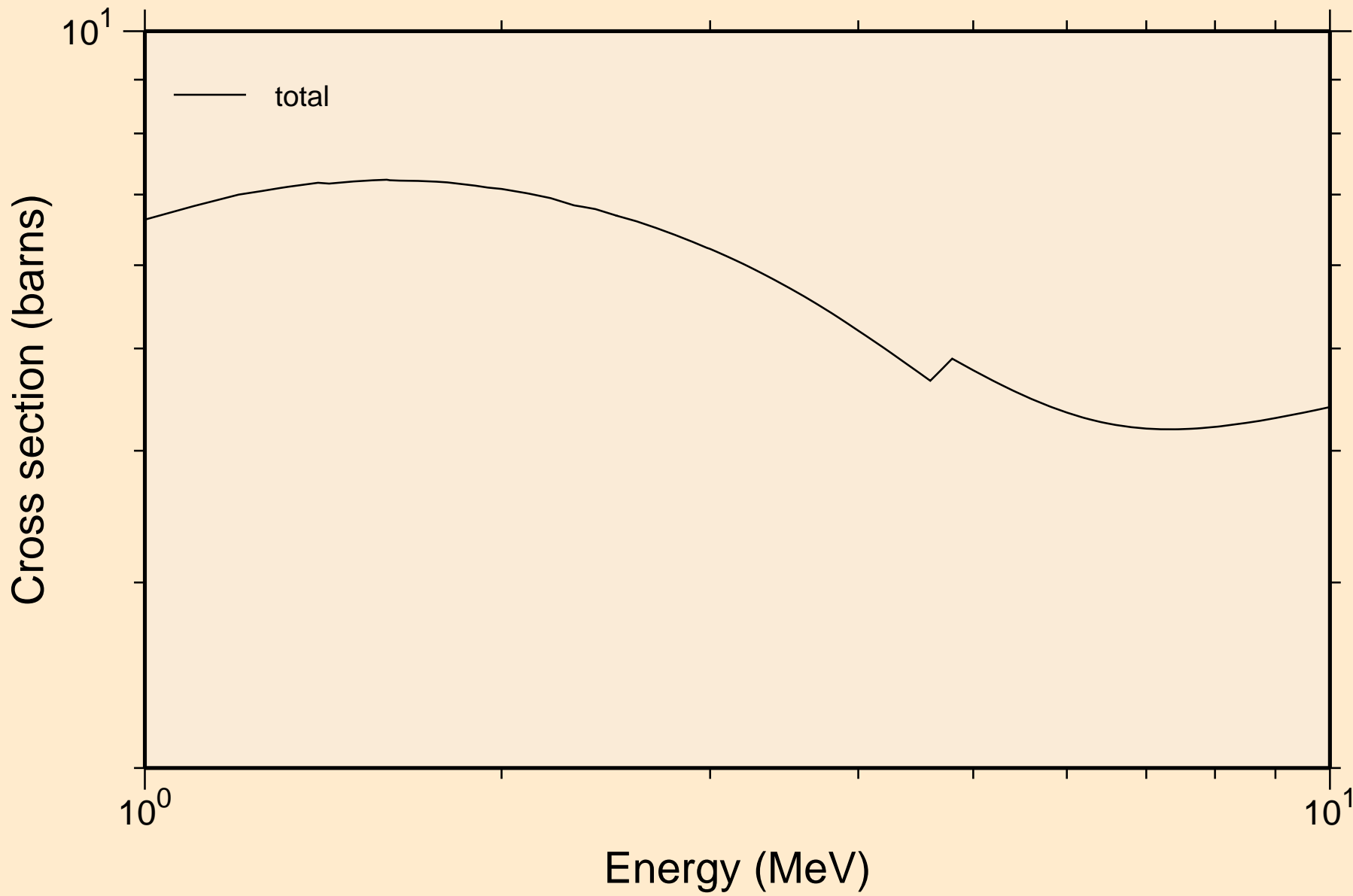
SM140 NRG TENDL-2015, AKONING  
resonance total cross section



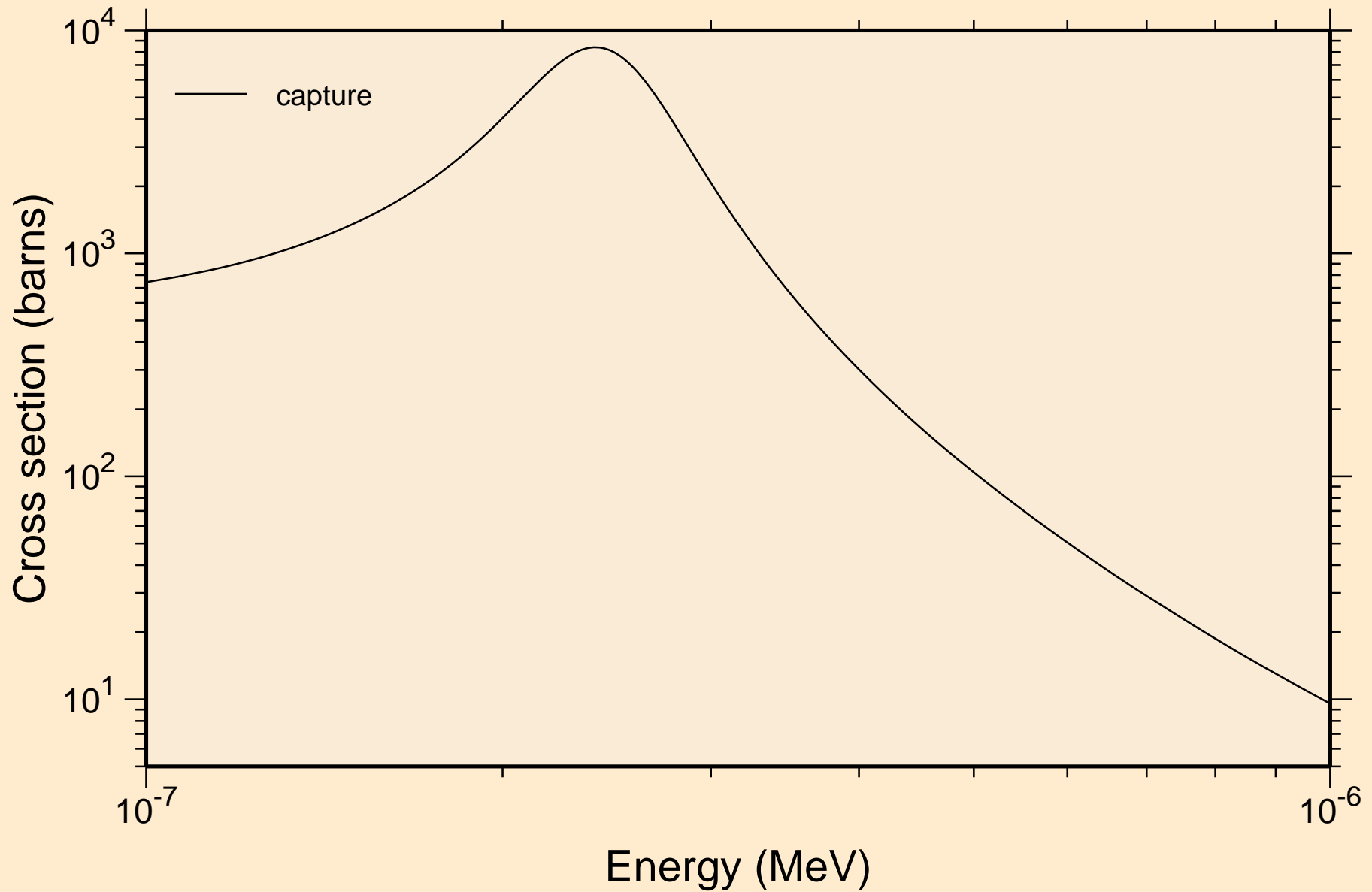
SM140 NRG TENDL-2015, AKONING  
resonance total cross section



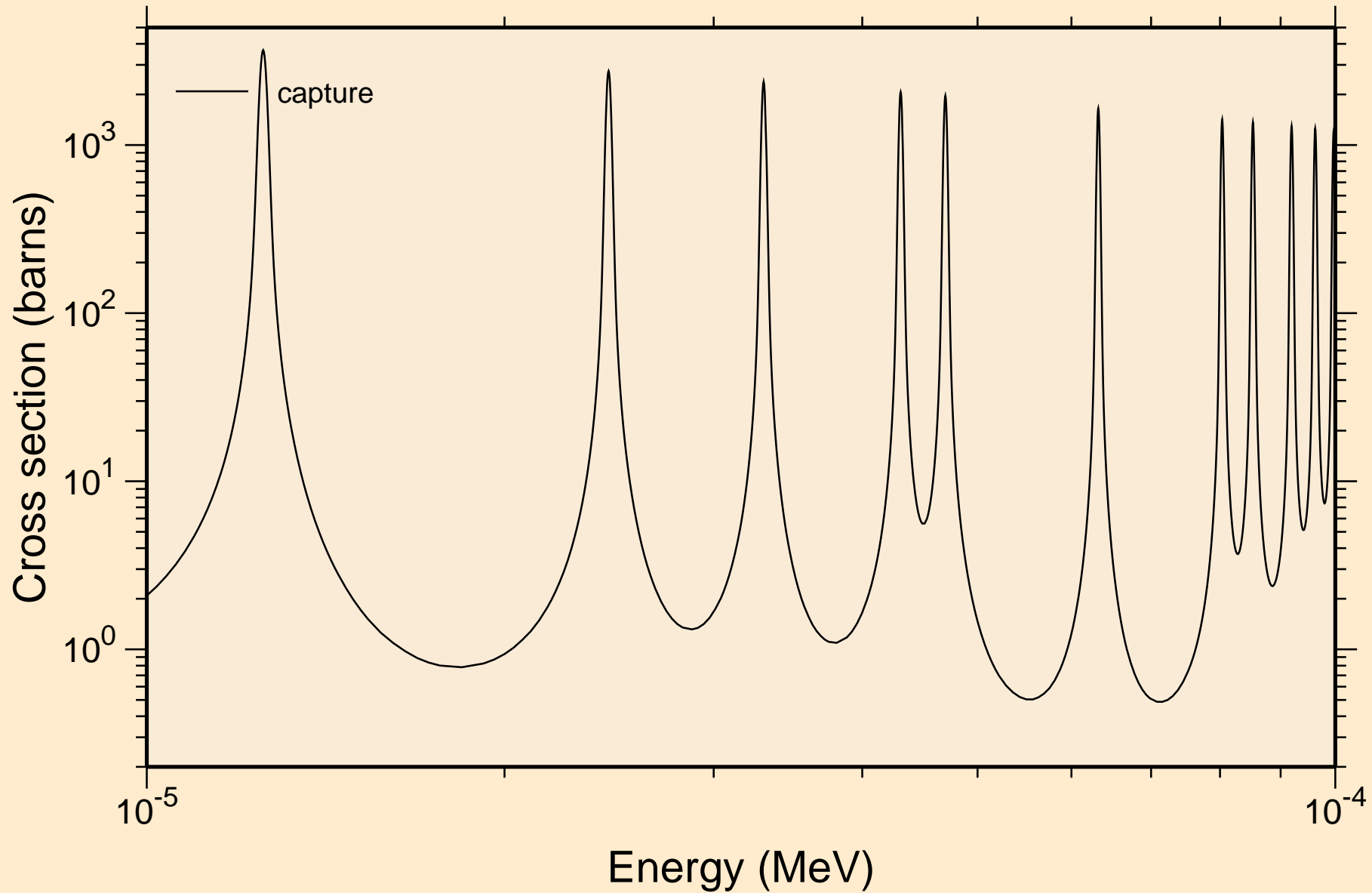
SM140 NRG TENDL-2015, AKONING  
resonance total cross section



SM140 NRG TENDL-2015, AKONING  
resonance absorption cross sections

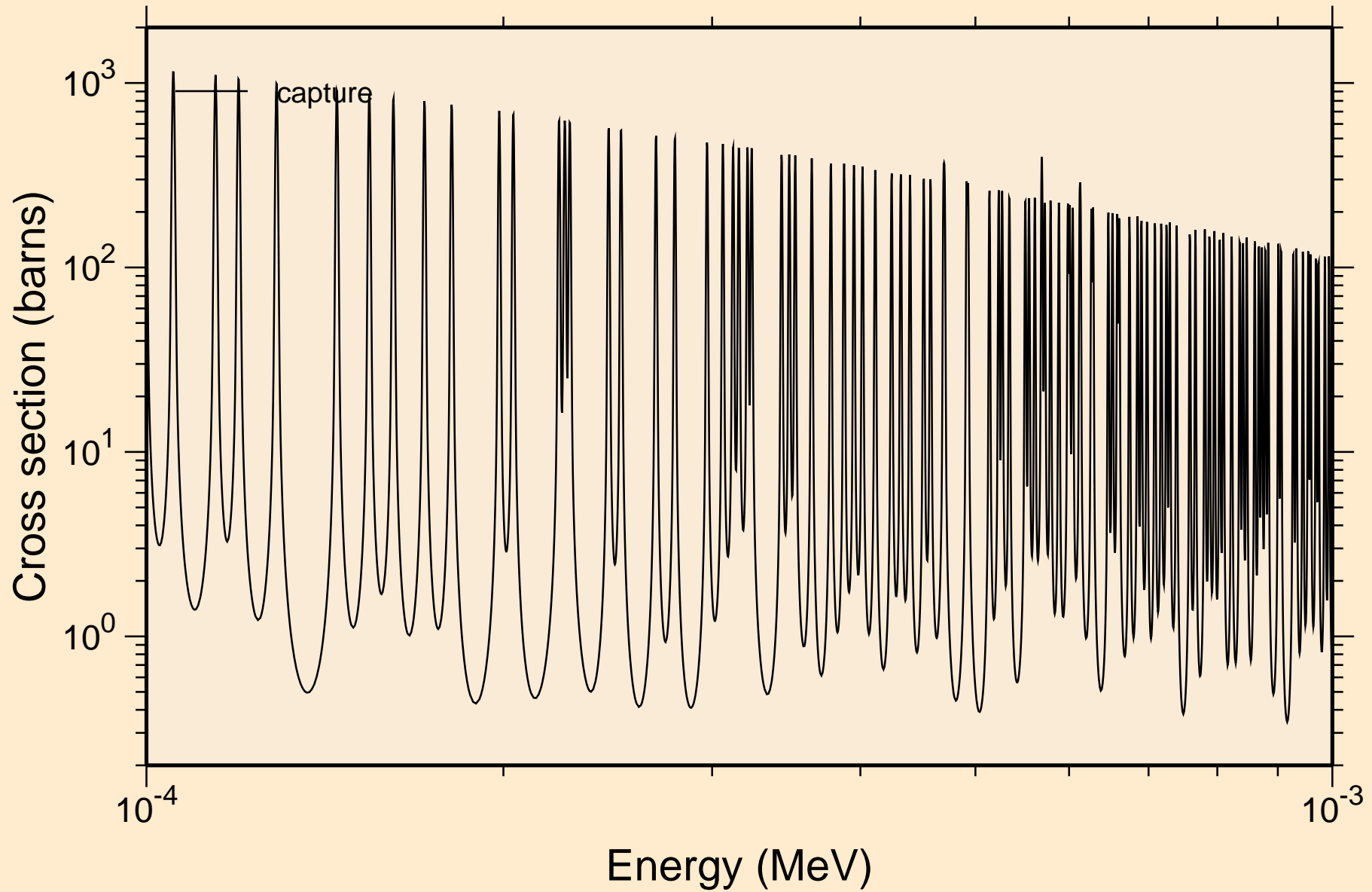


SM140 NRG TENDL-2015, AKONING  
resonance absorption cross sections

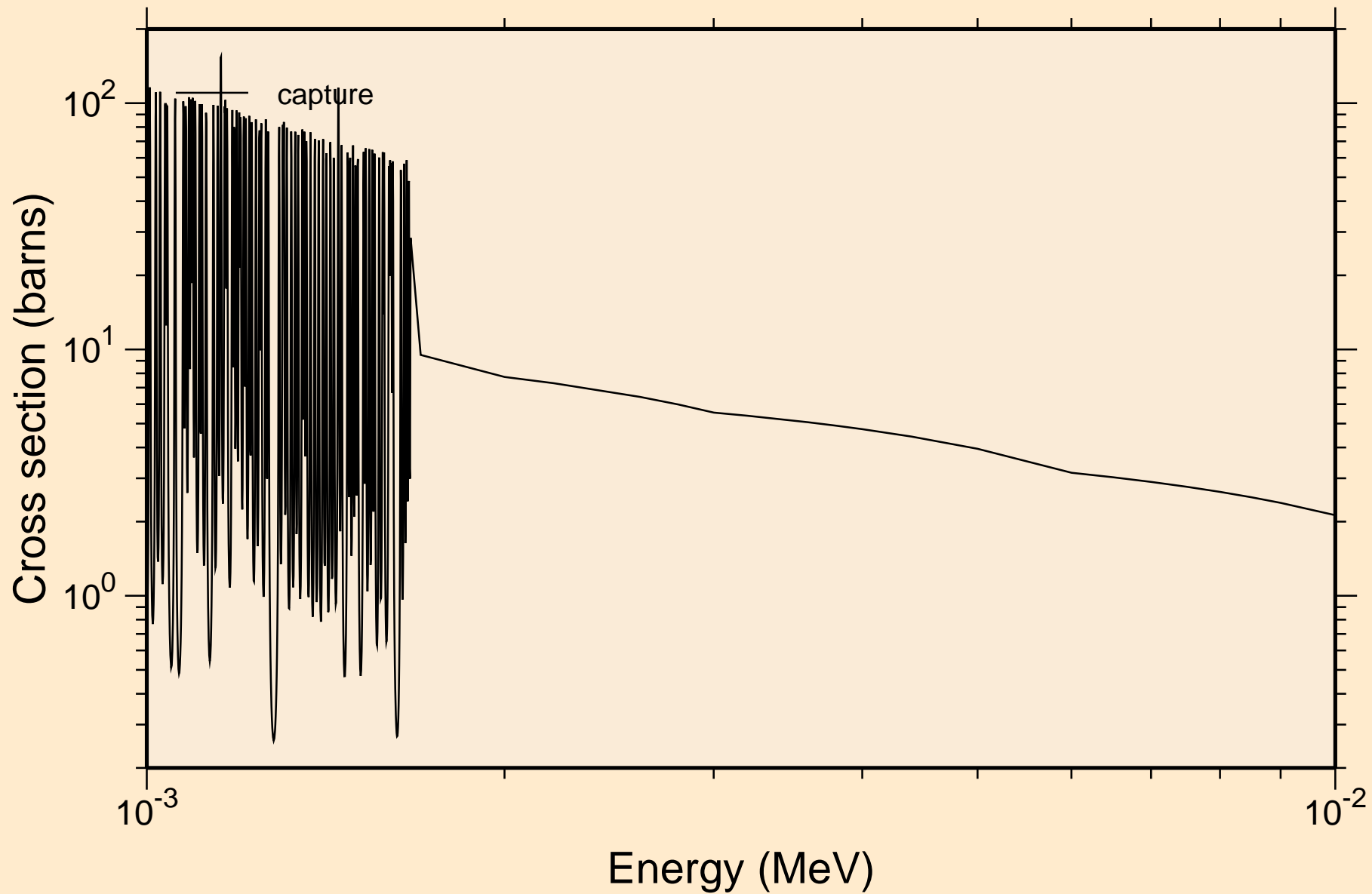




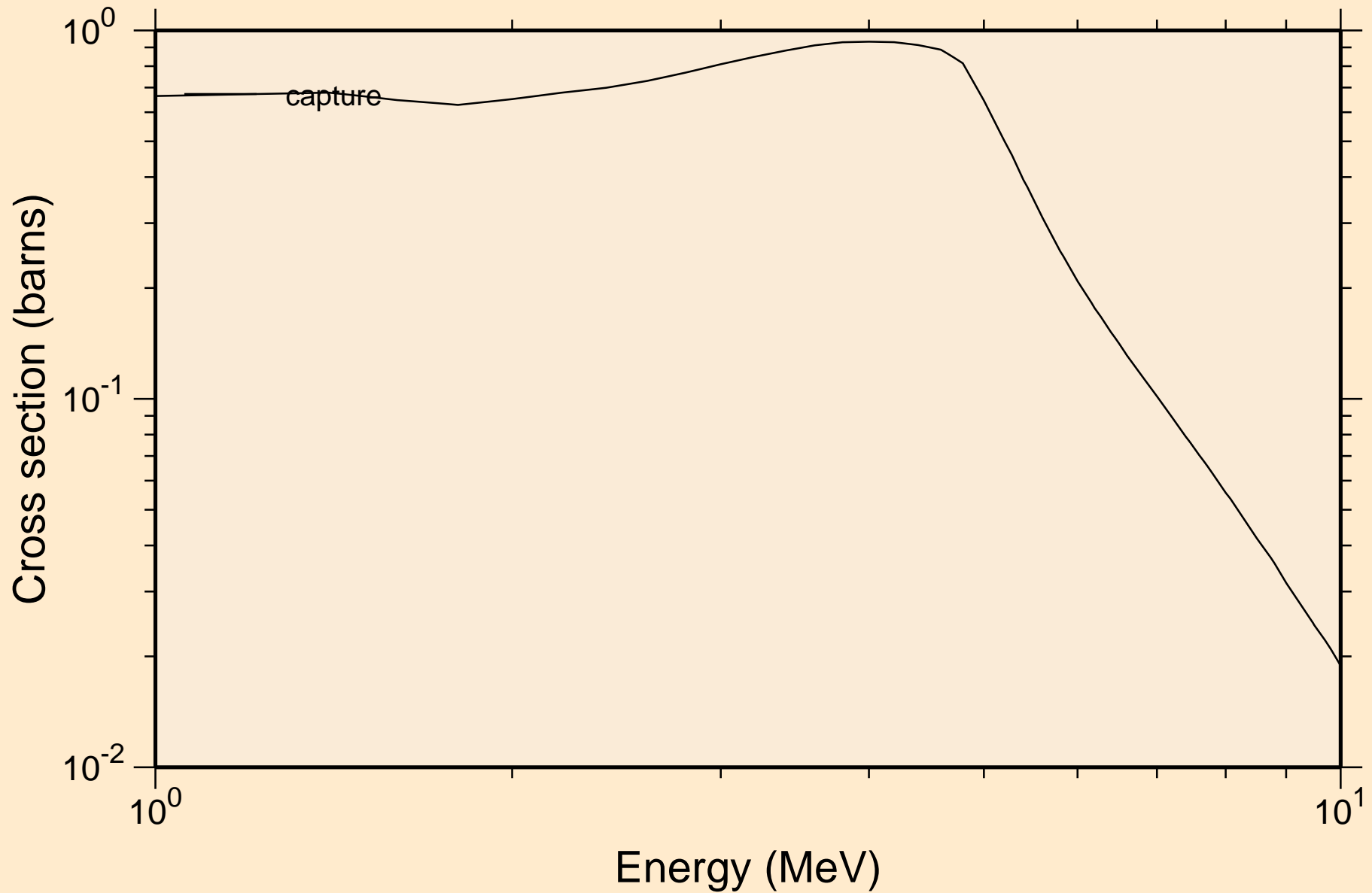
SM140 NRG TENDL-2015, AKONING  
resonance absorption cross sections



SM140 NRG TENDL-2015, AKONING  
resonance absorption cross sections

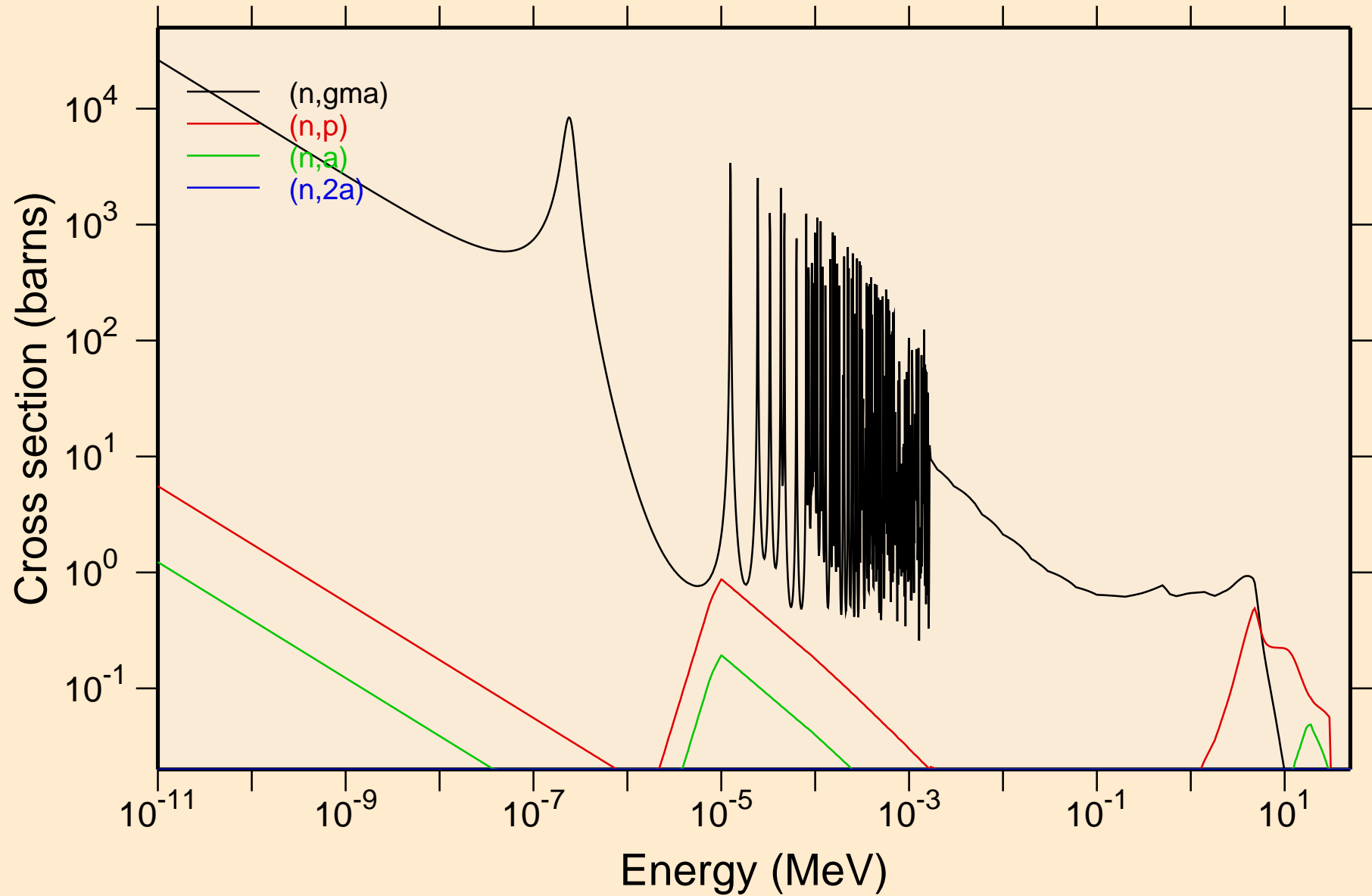


SM140 NRG TENDL-2015, AKONING  
resonance absorption cross sections



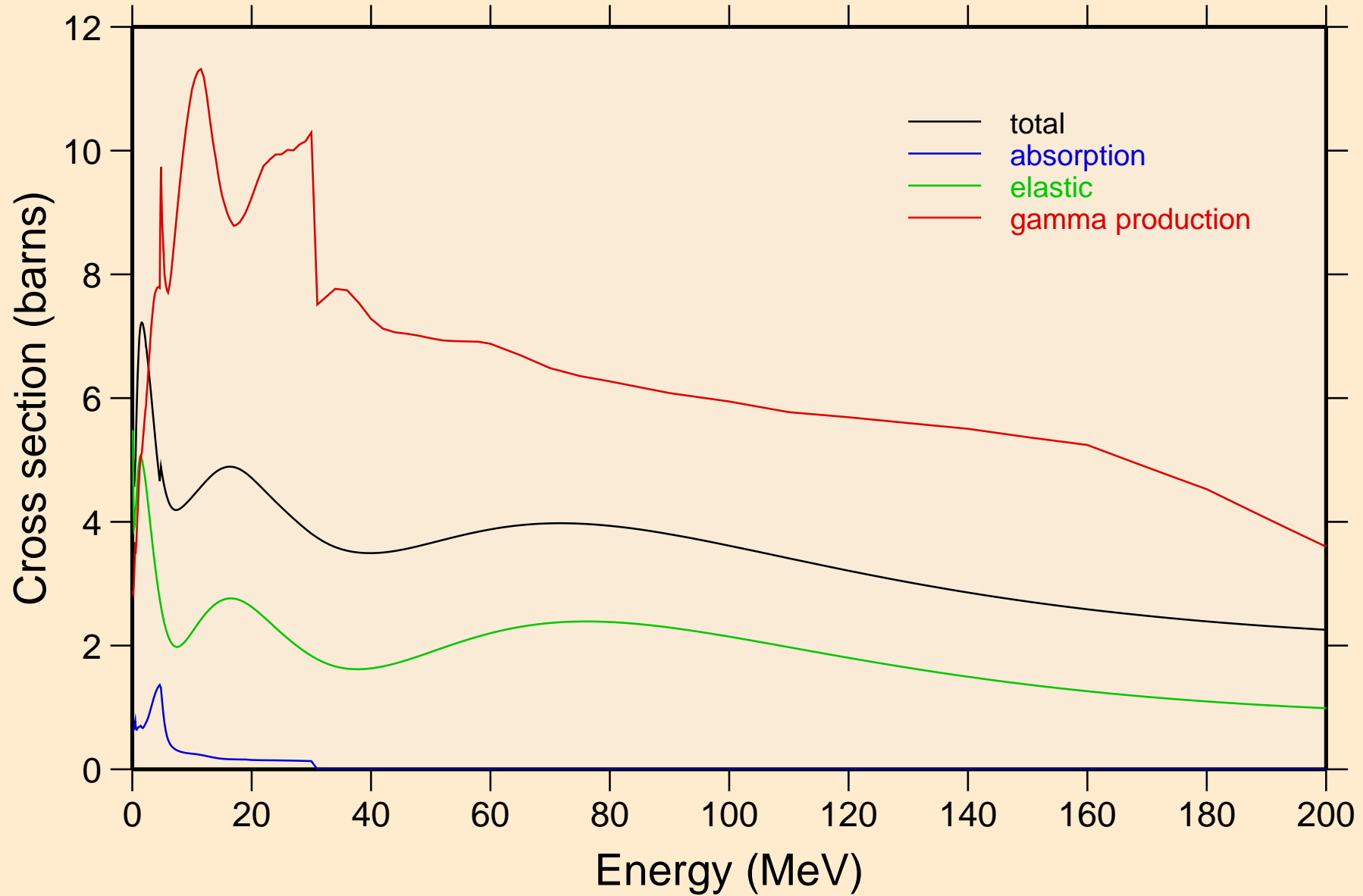
# SM140 NRG TENDL-2015, AKONING

## Non-threshold reactions



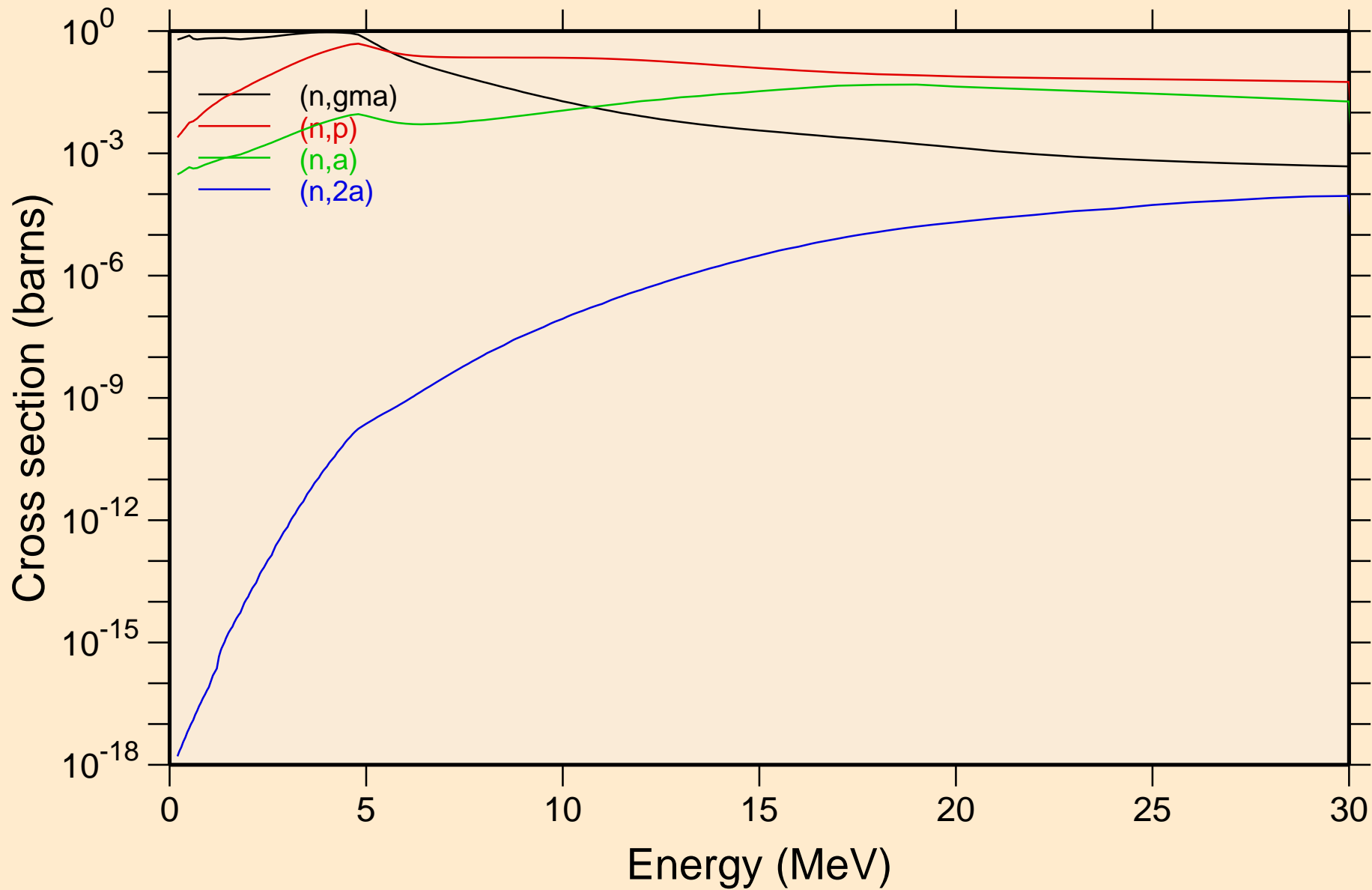
# SM140 NRG TENDL-2015, AKONING

## Principal cross sections



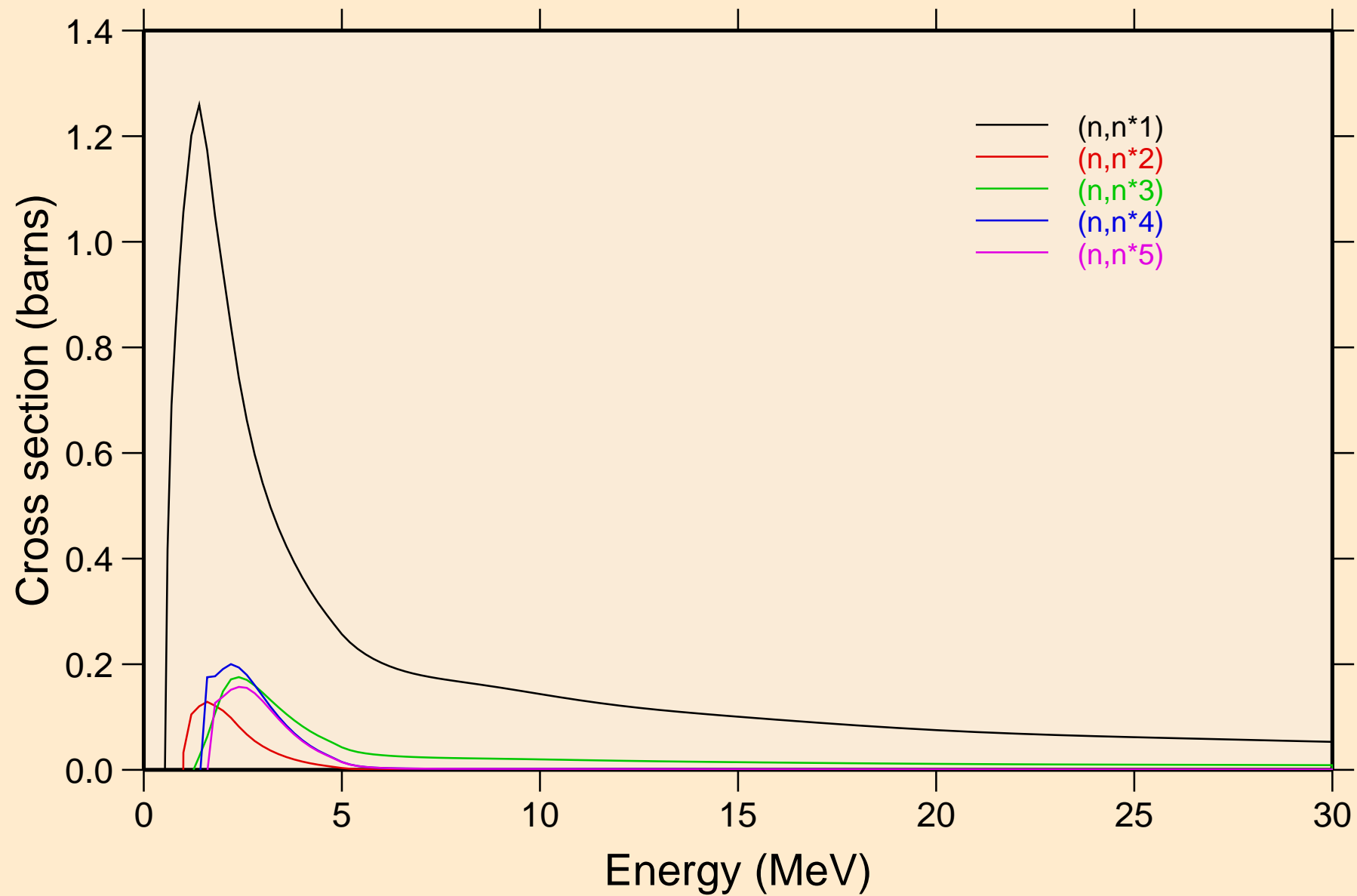
# SM140 NRG TENDL-2015, AKONING

## Non-threshold reactions



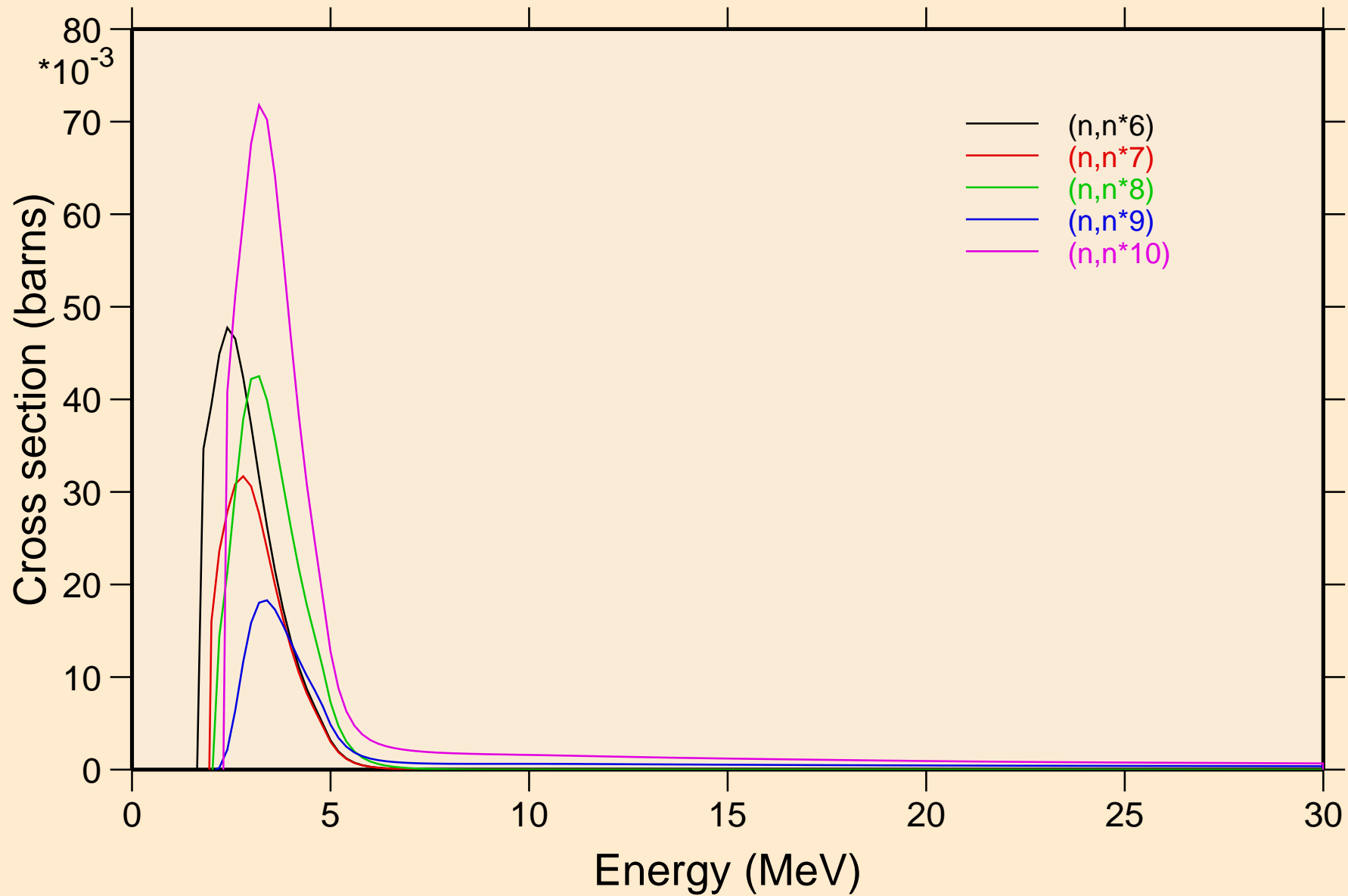
# SM140 NRG TENDL-2015, AKONING

## Inelastic levels



# SM140 NRG TENDL-2015, AKONING

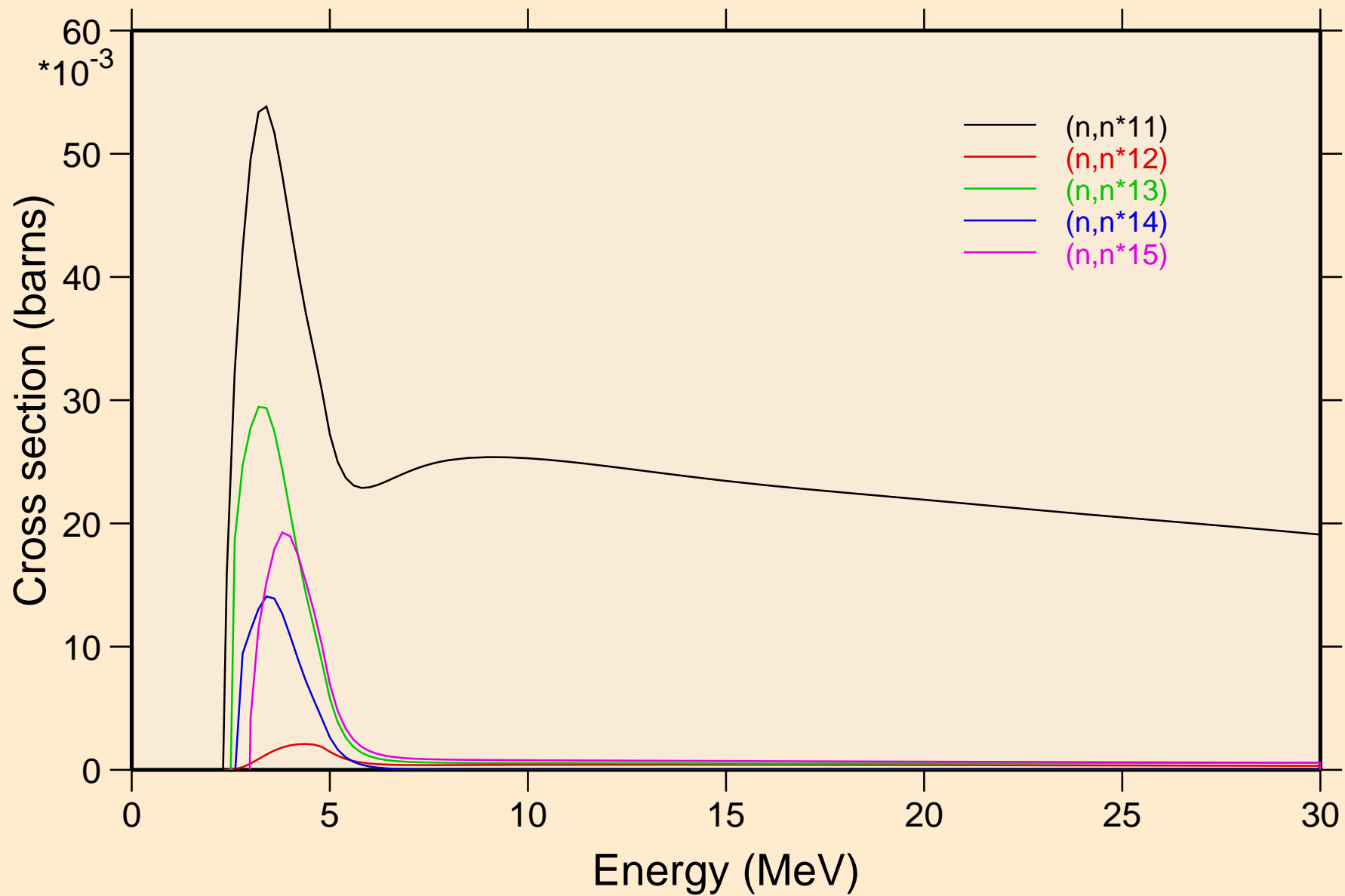
## Inelastic levels





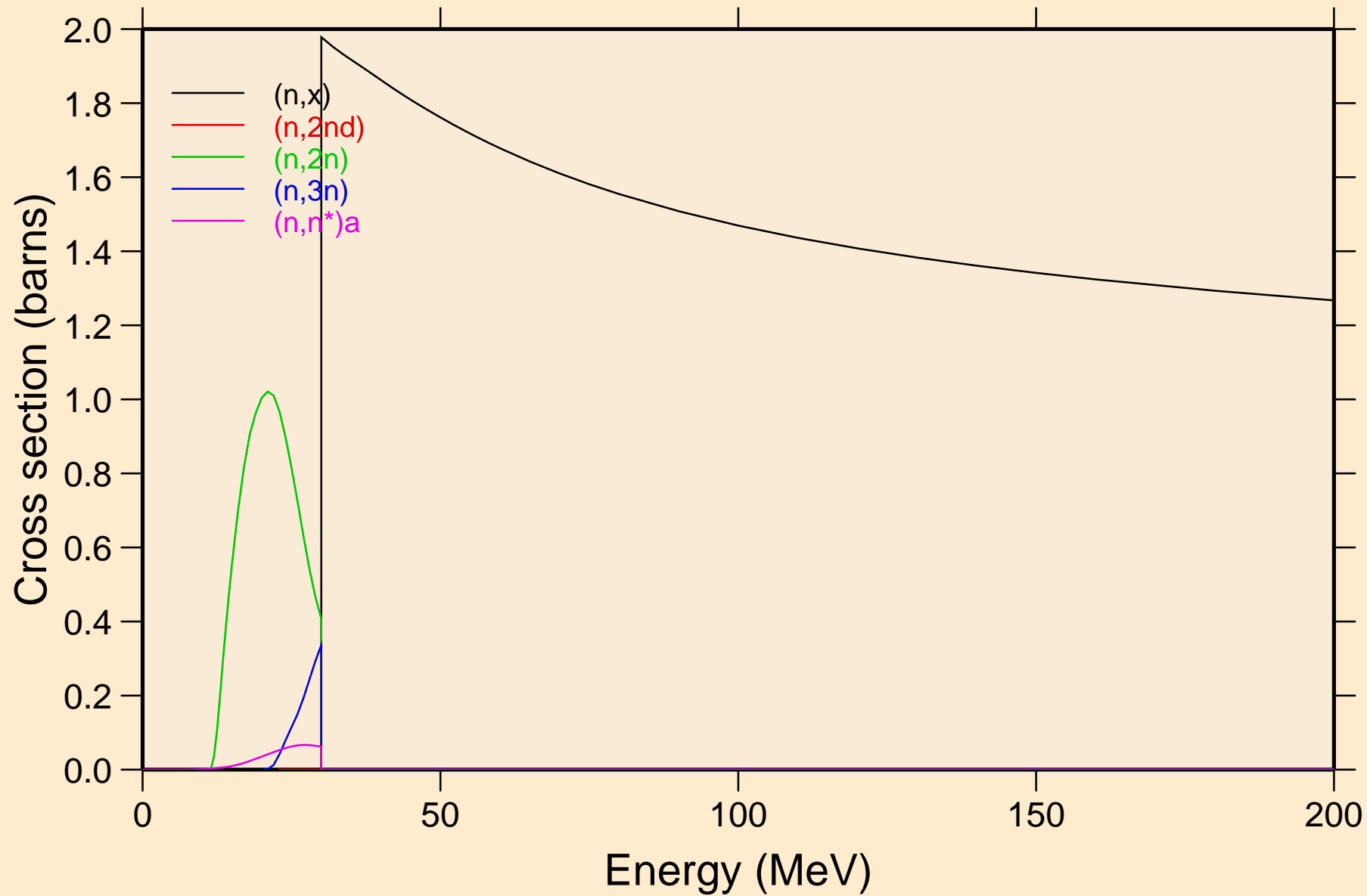
# SM140 NRG TENDL-2015, AKONING

## Inelastic levels



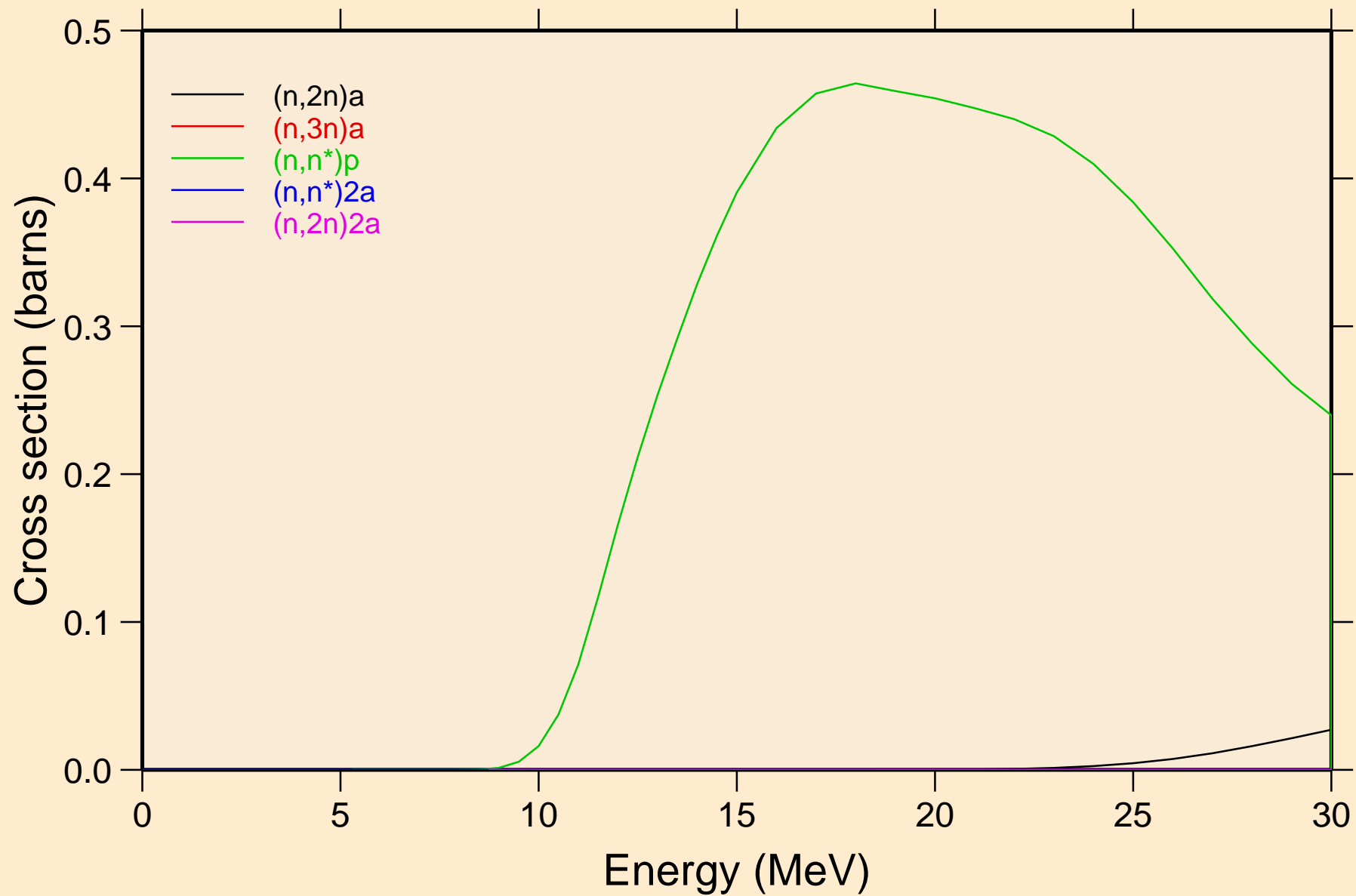
# SM140 NRG TENDL-2015, AKONING

## Threshold reactions



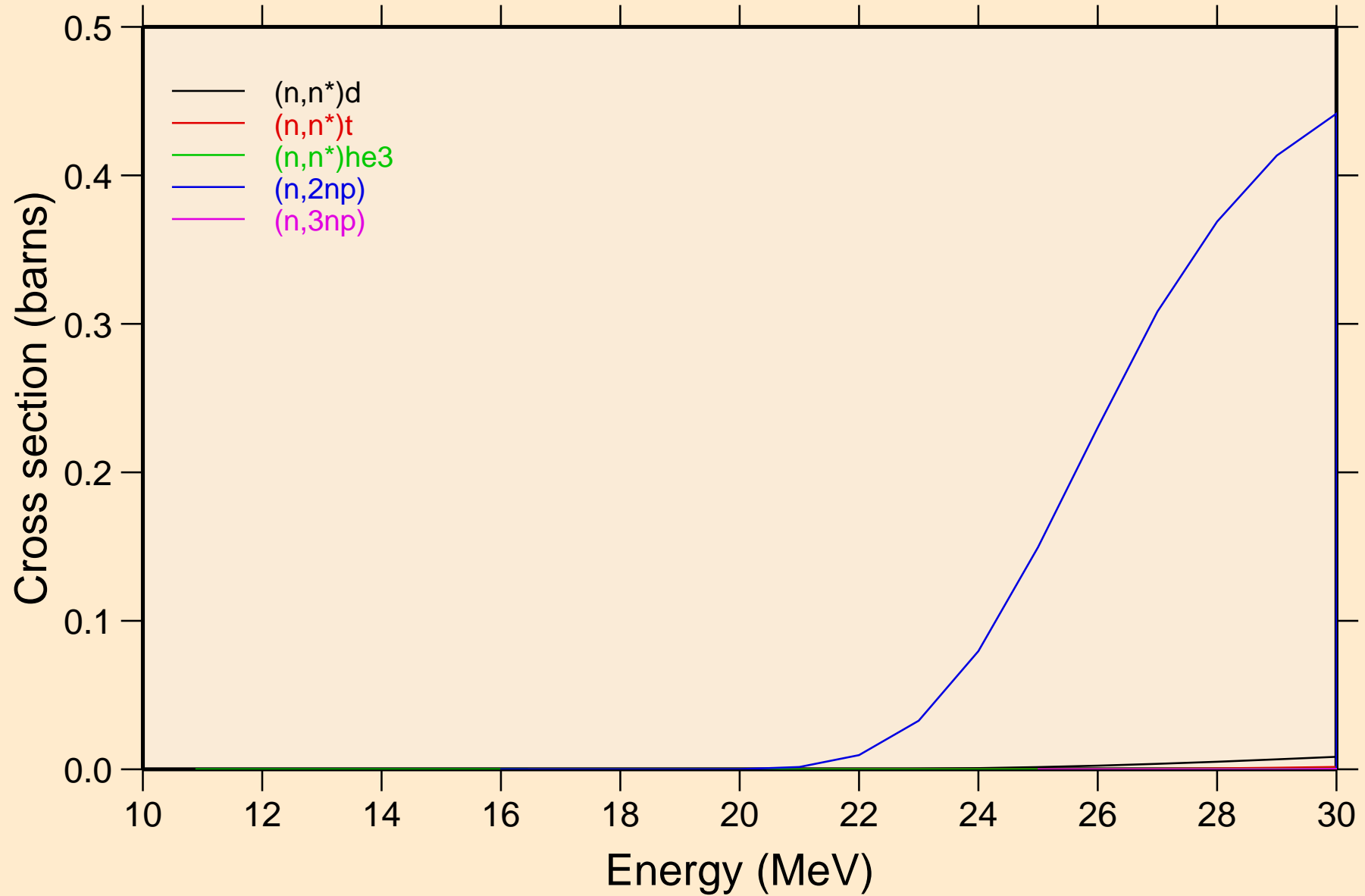
# SM140 NRG TENDL-2015, AKONING

## Threshold reactions



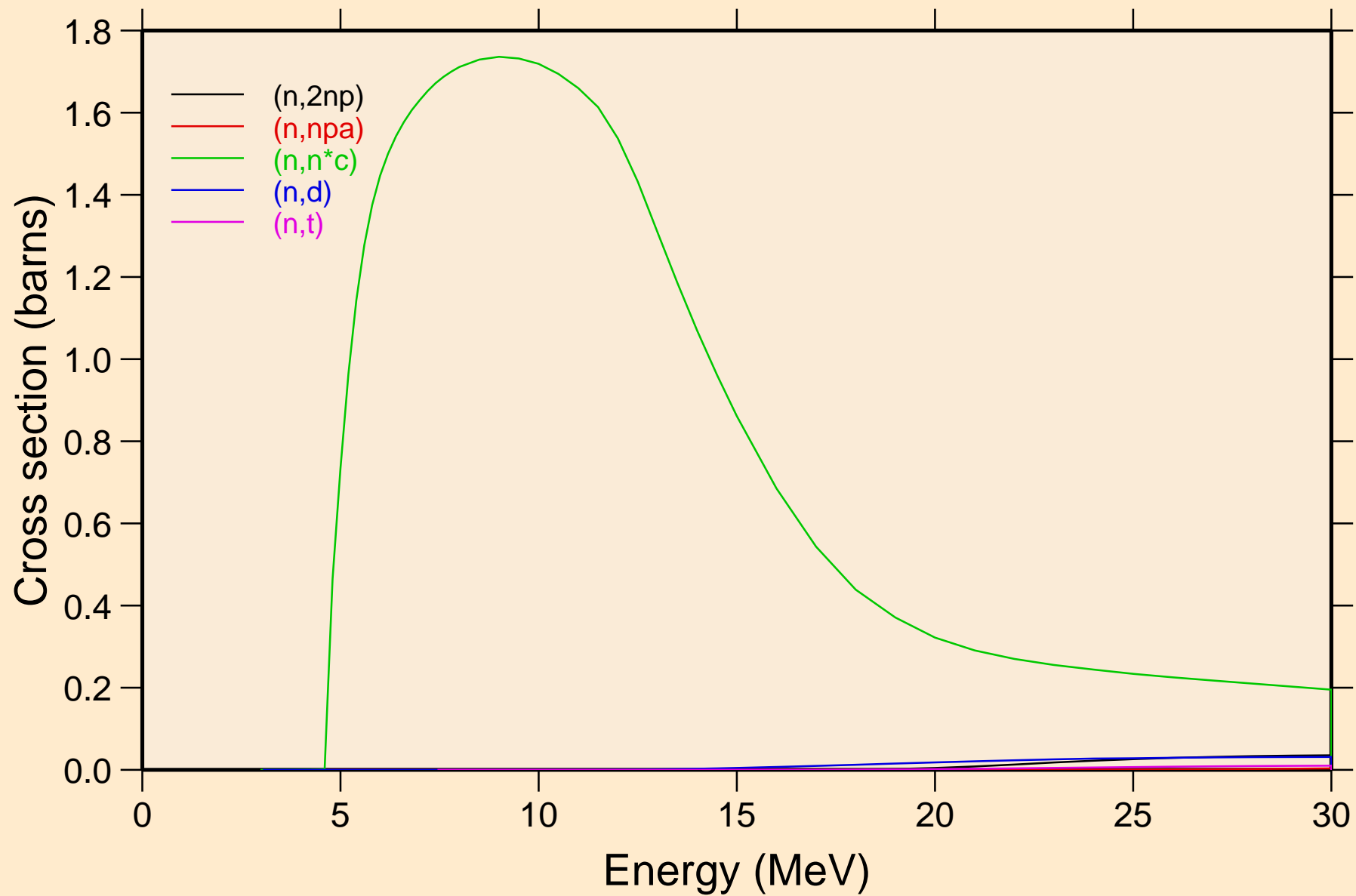
# SM140 NRG TENDL-2015, AKONING

## Threshold reactions



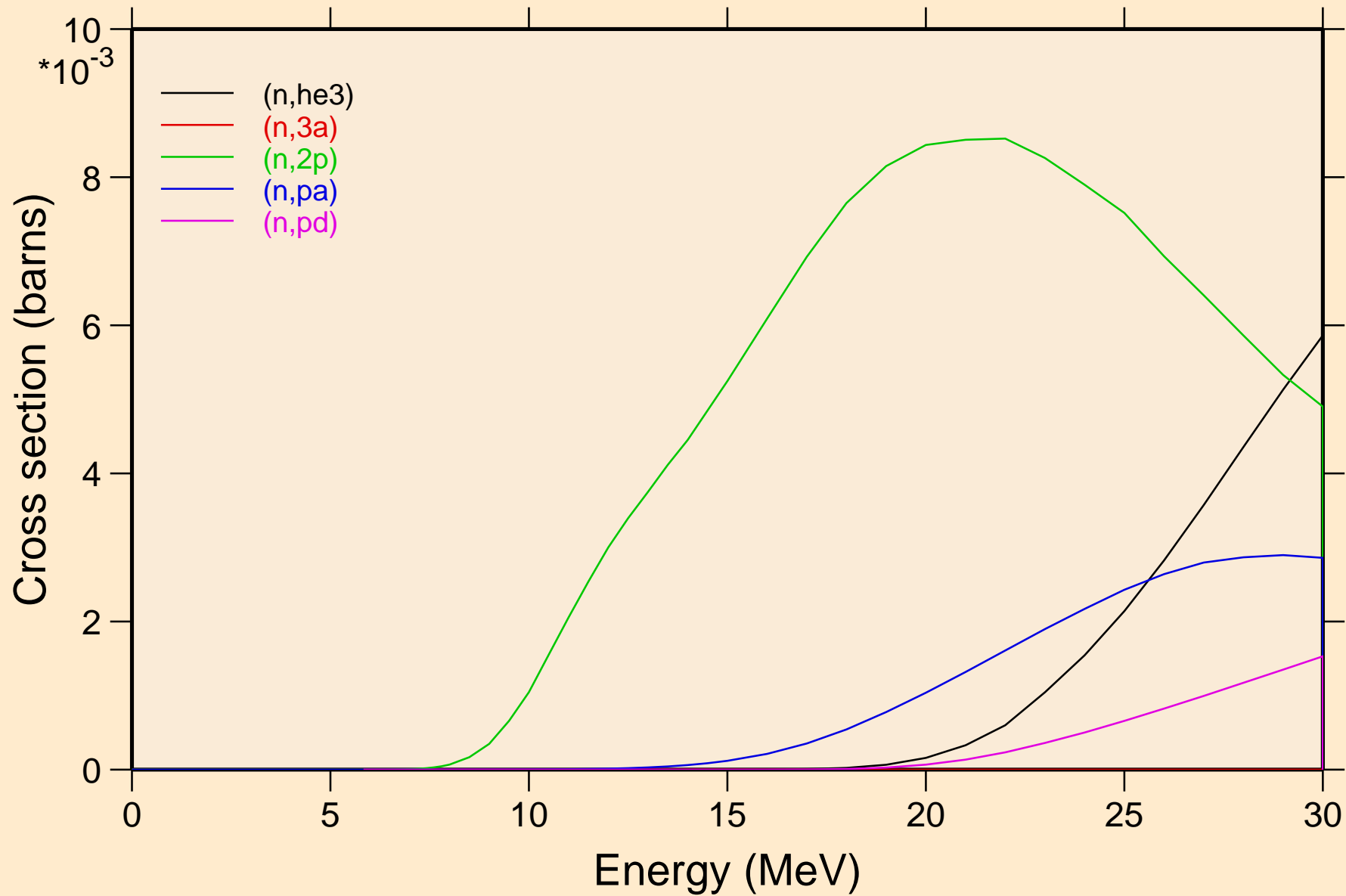
# SM140 NRG TENDL-2015, AKONING

## Threshold reactions



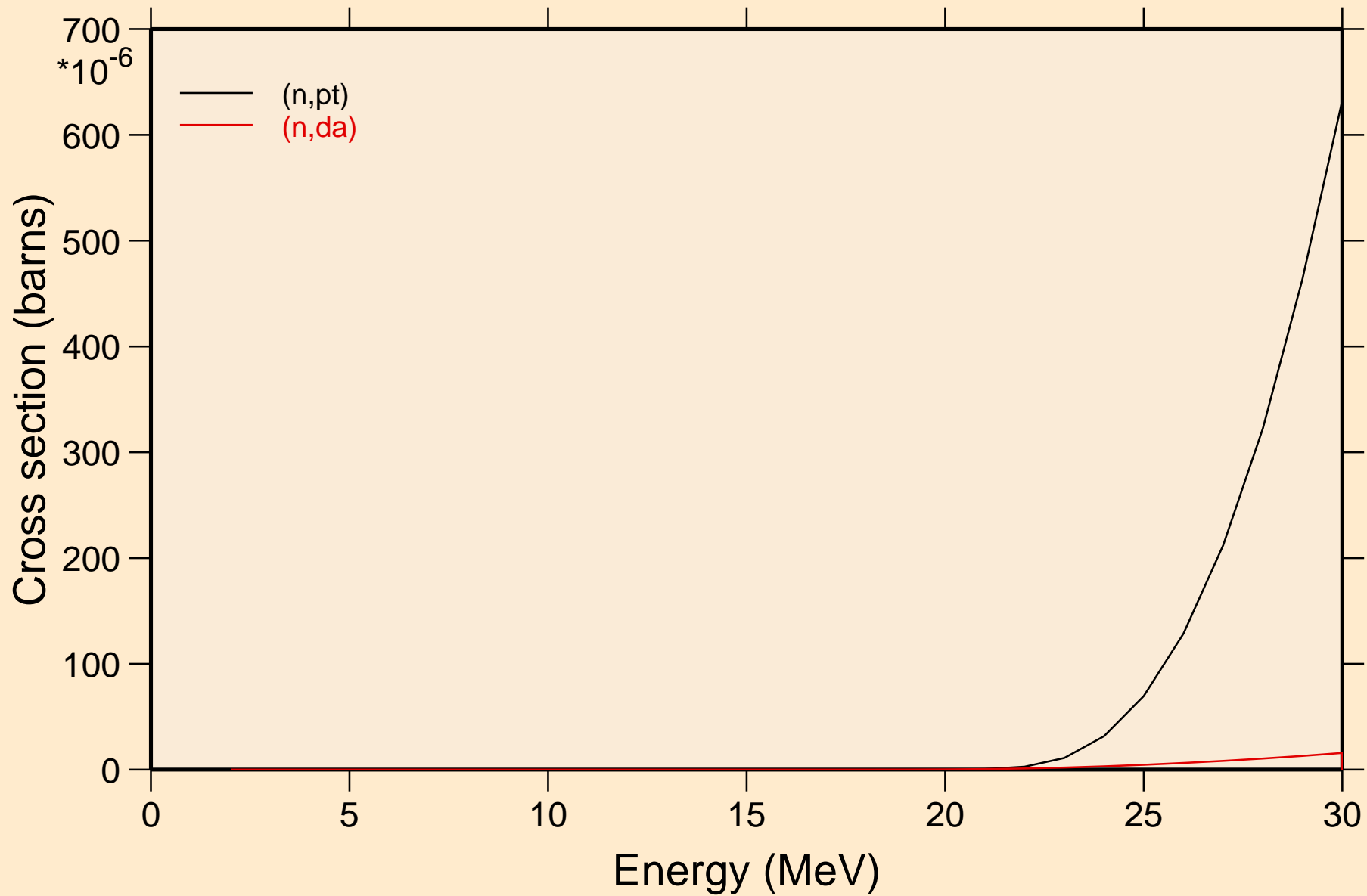
# SM140 NRG TENDL-2015, AKONING

## Threshold reactions

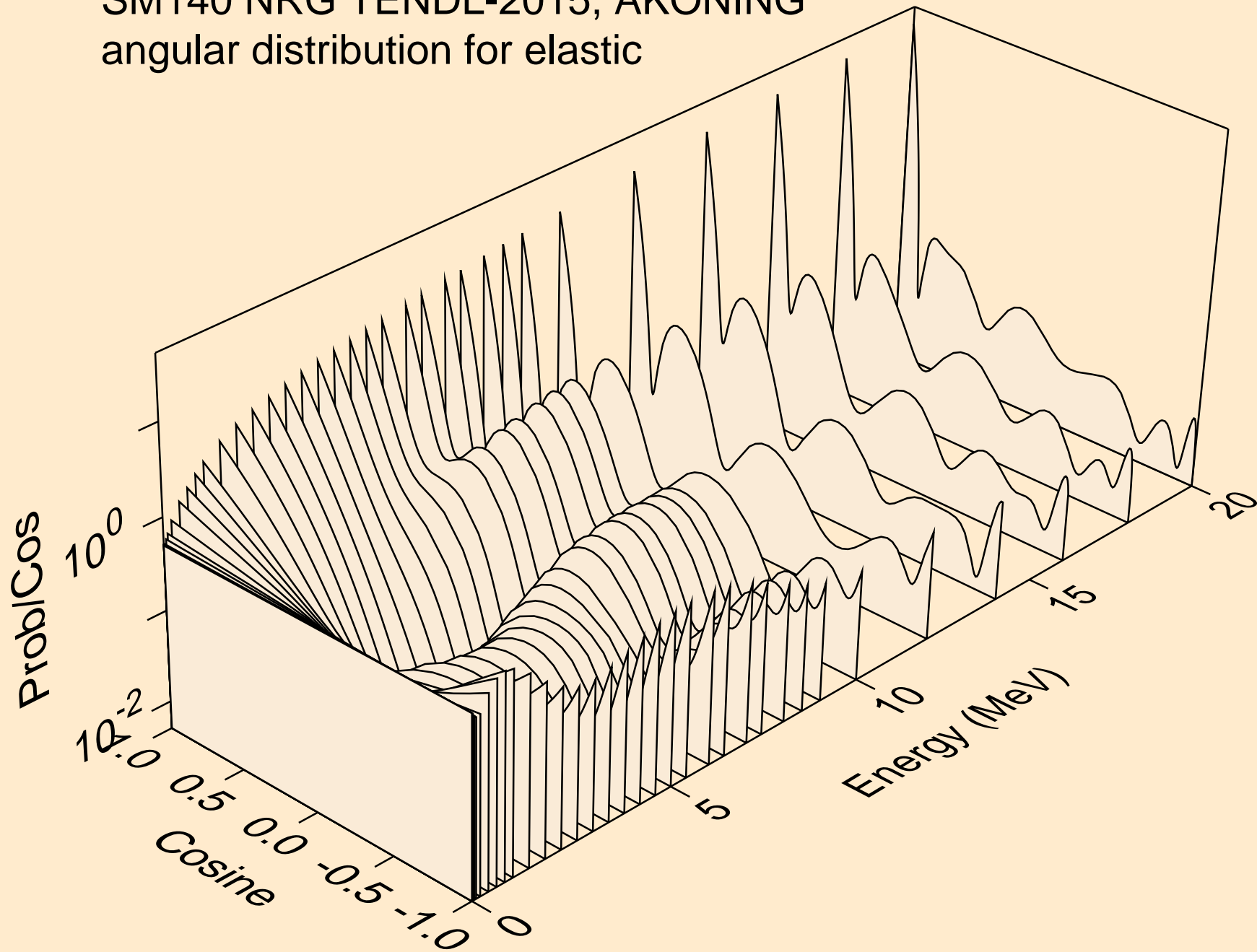


# SM140 NRG TENDL-2015, AKONING

## Threshold reactions

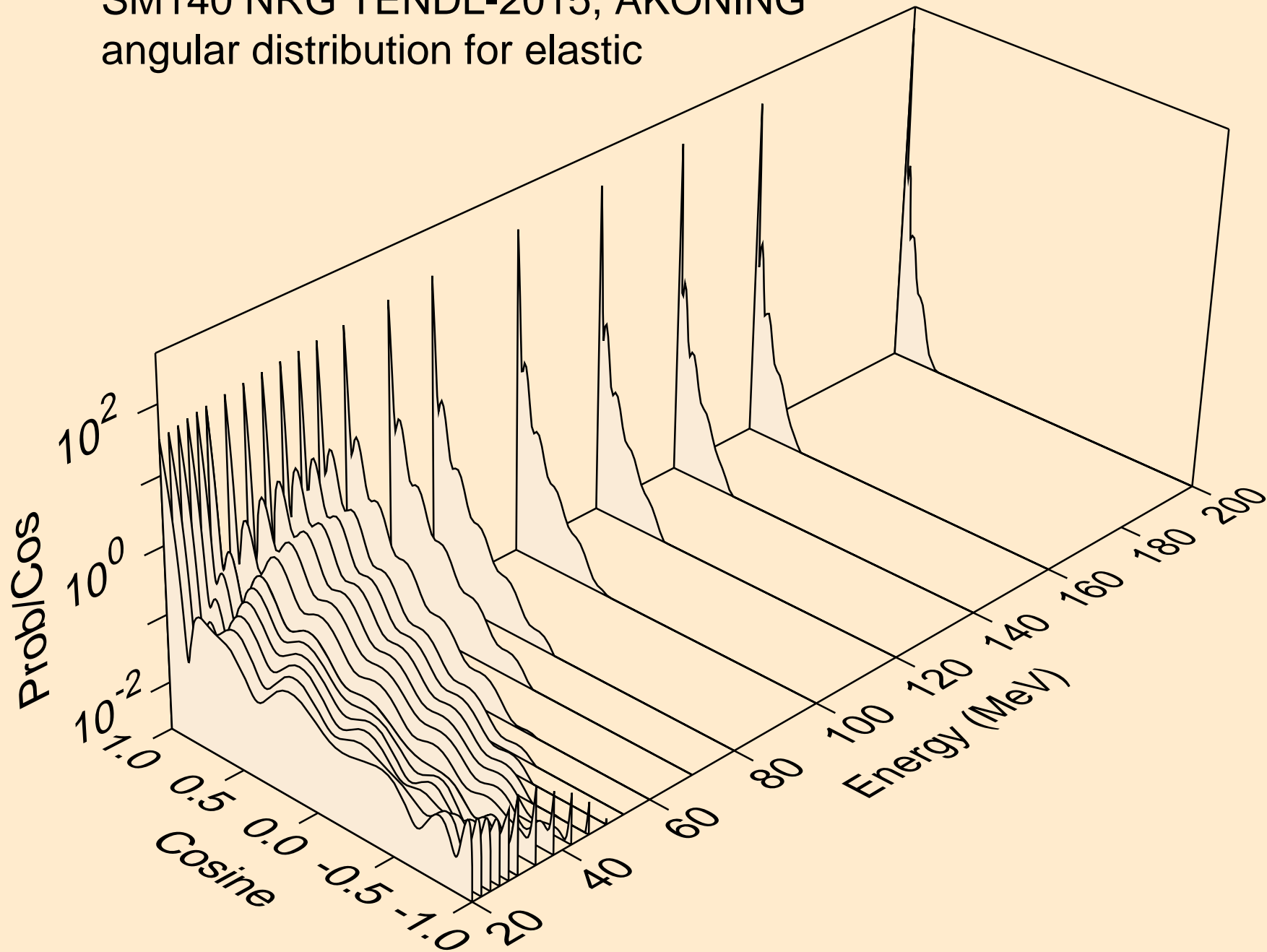


SM140 NRG TENDL-2015, AKONING  
angular distribution for elastic

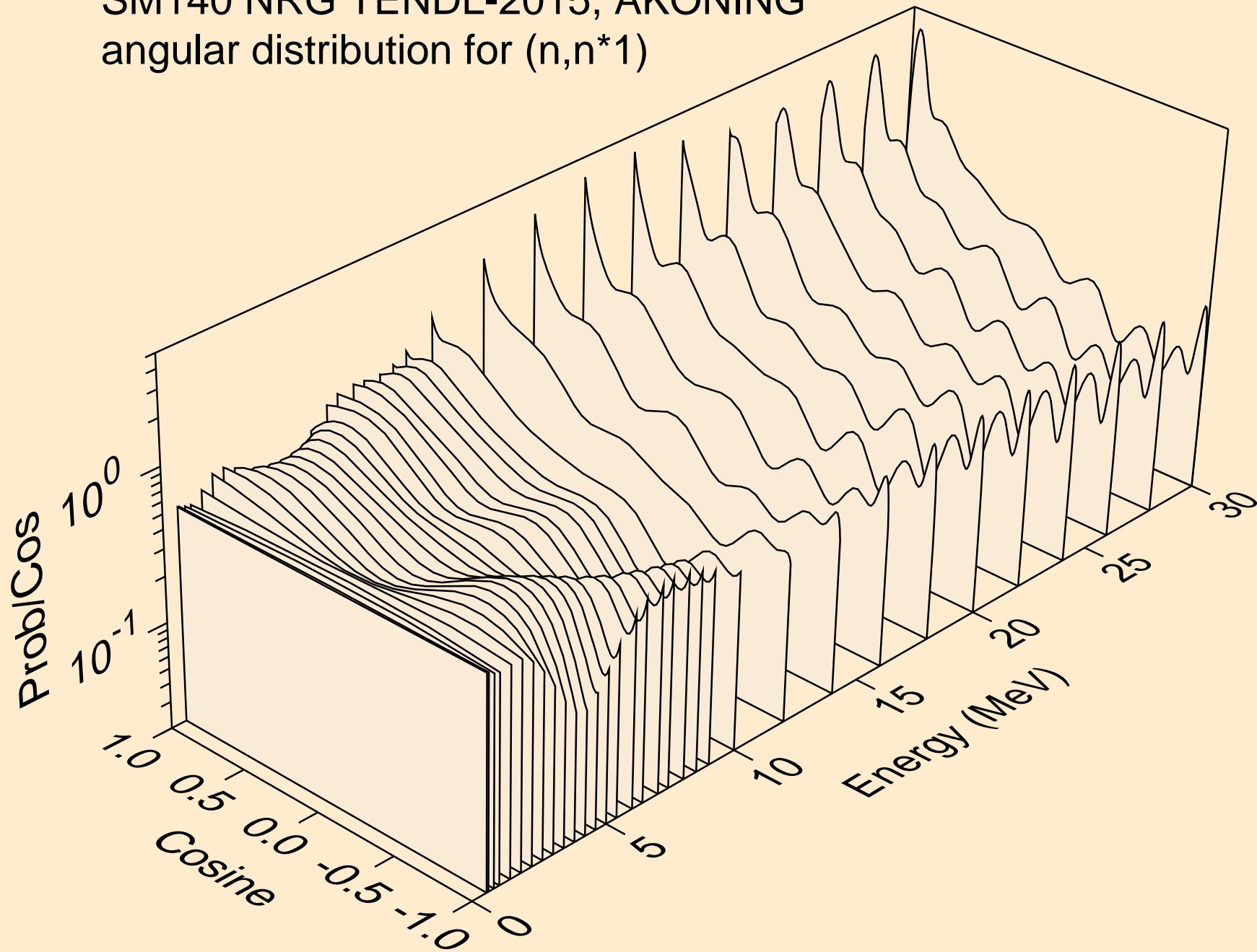




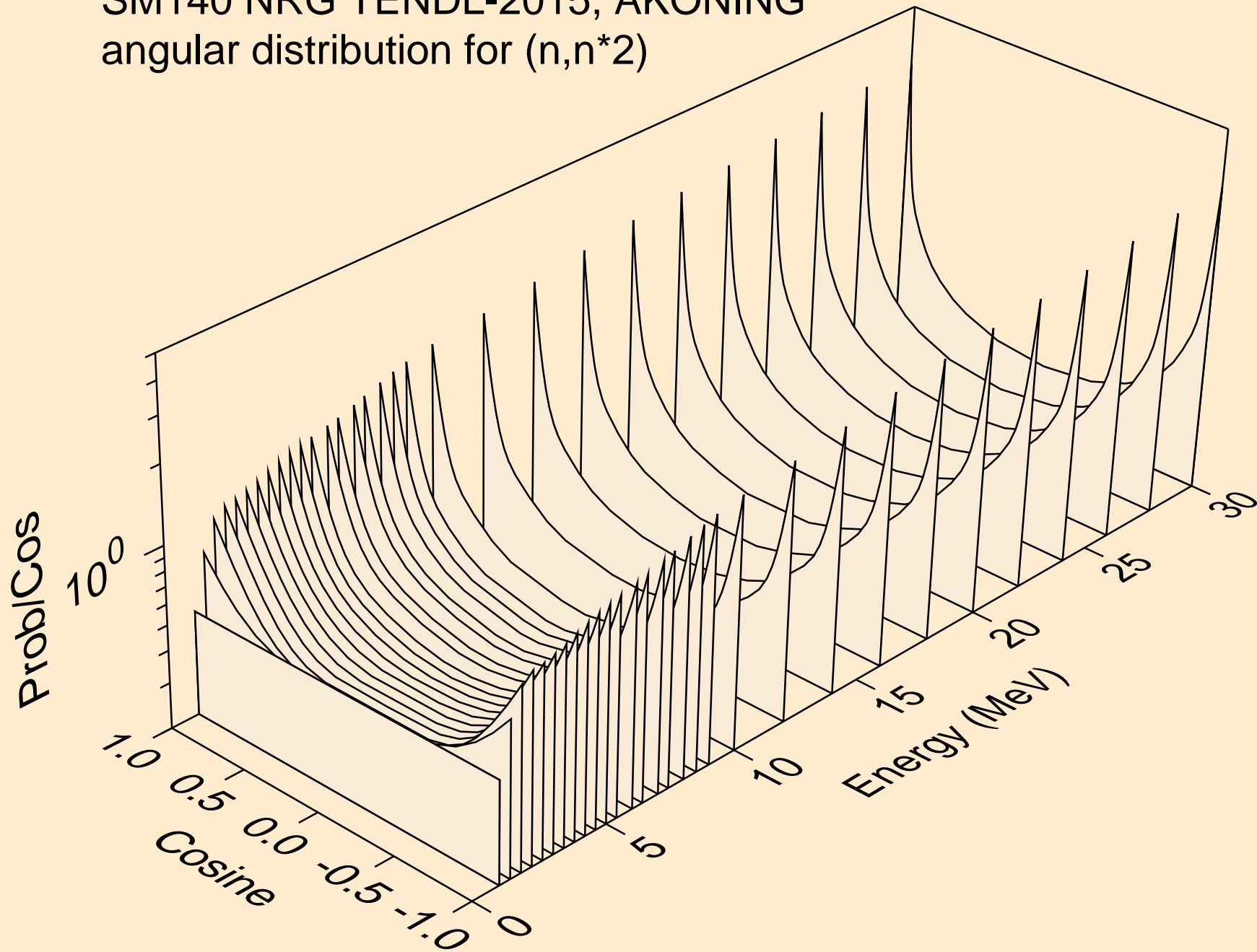
SM140 NRG TENDL-2015, AKONING  
angular distribution for elastic



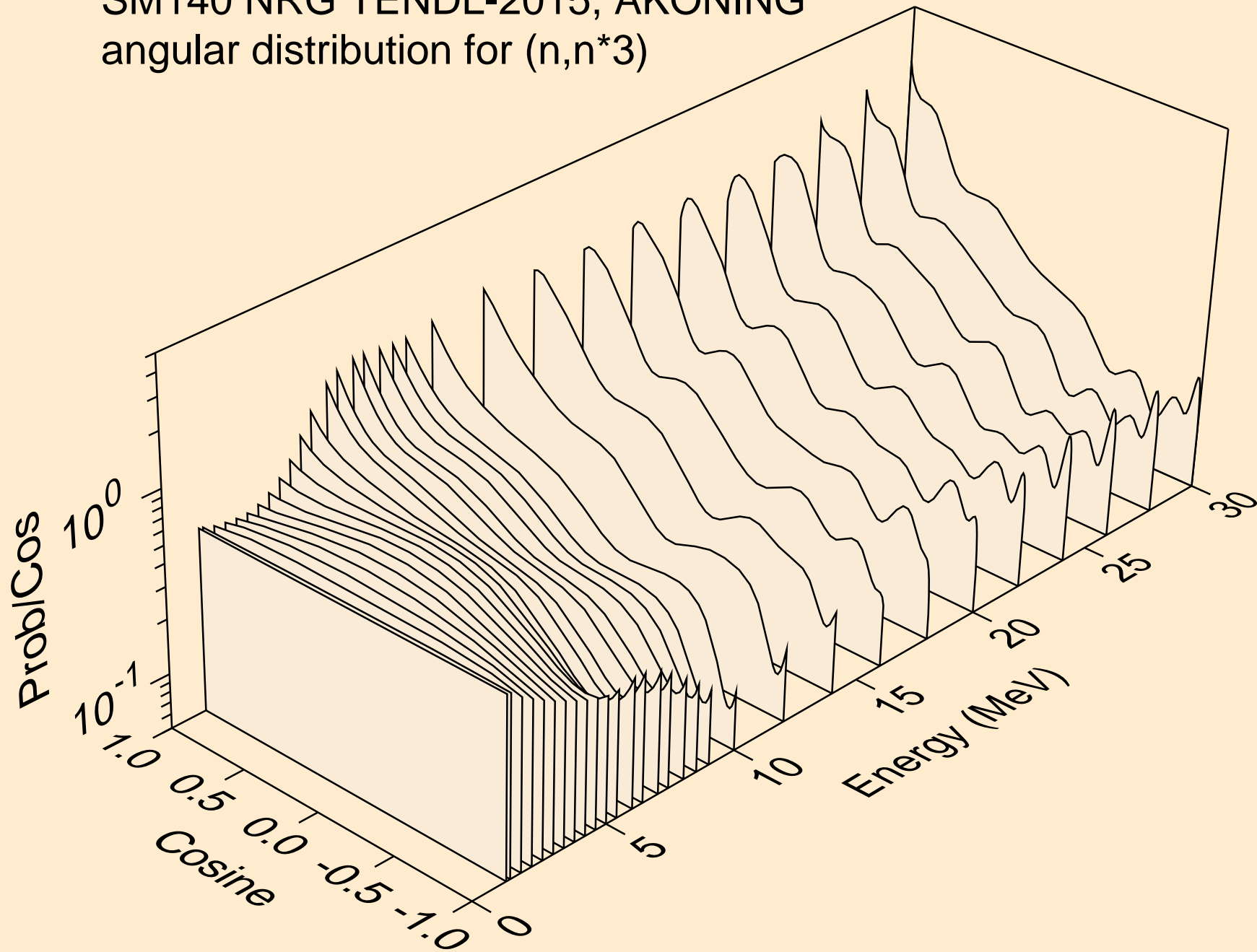
SM140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



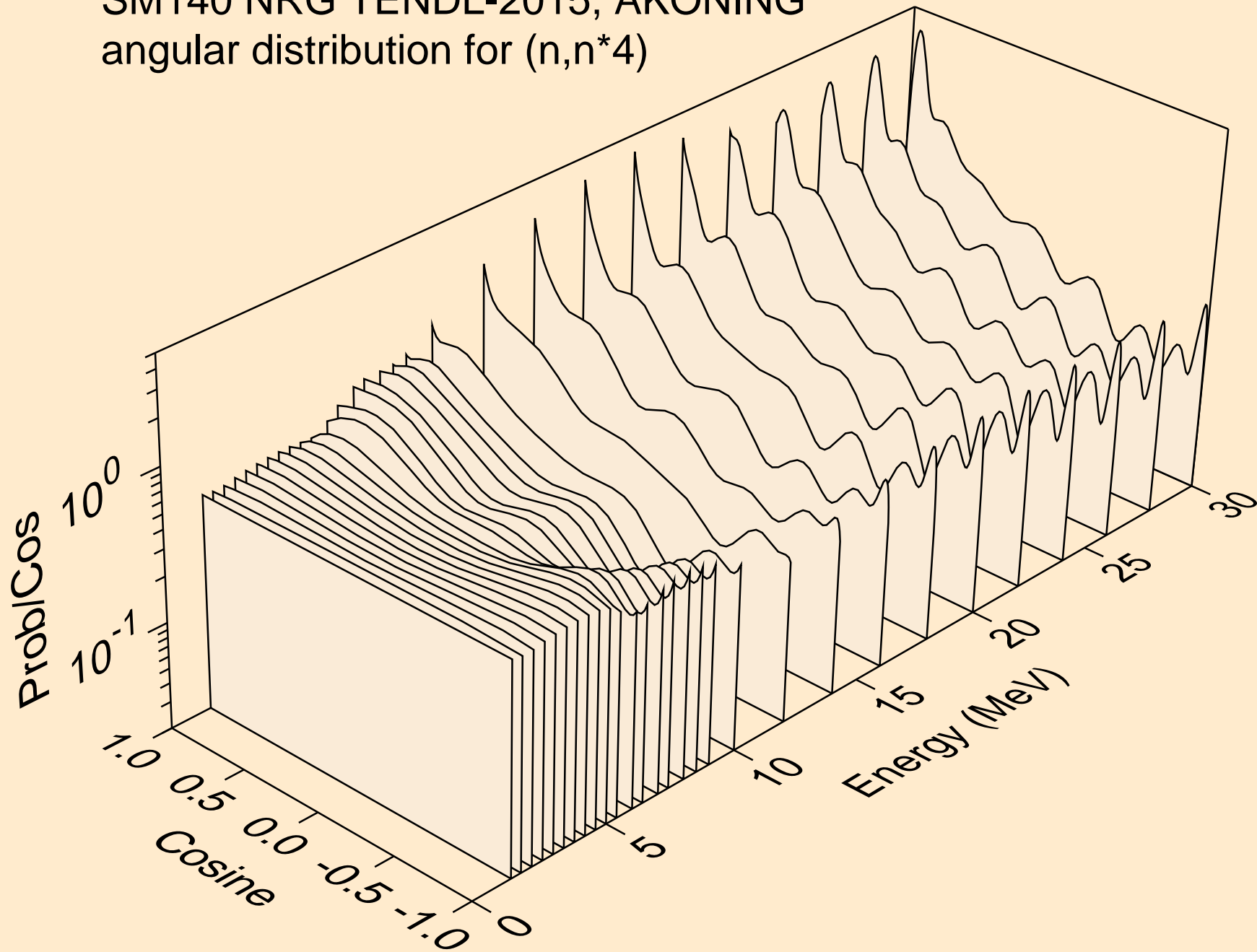
SM140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



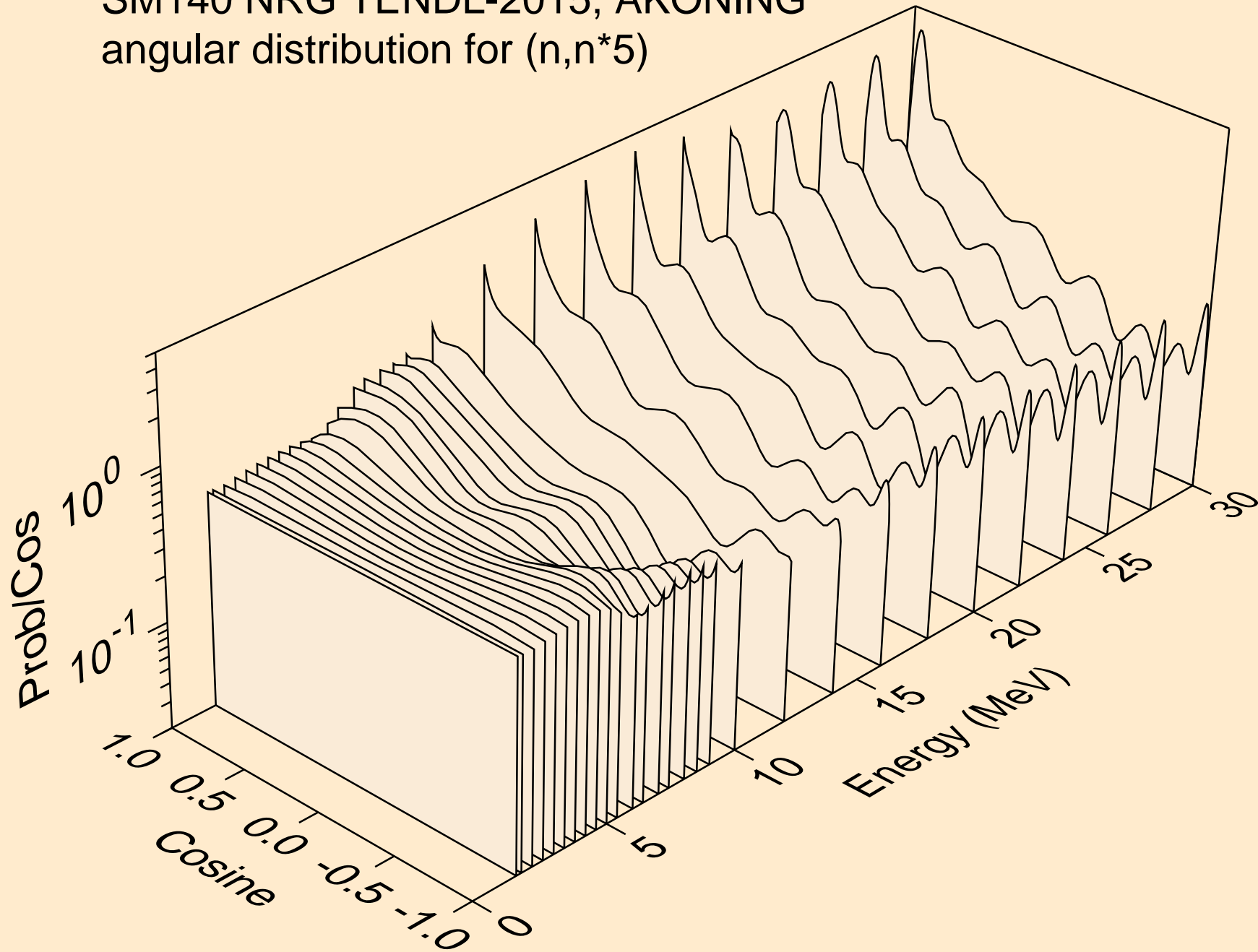
SM140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



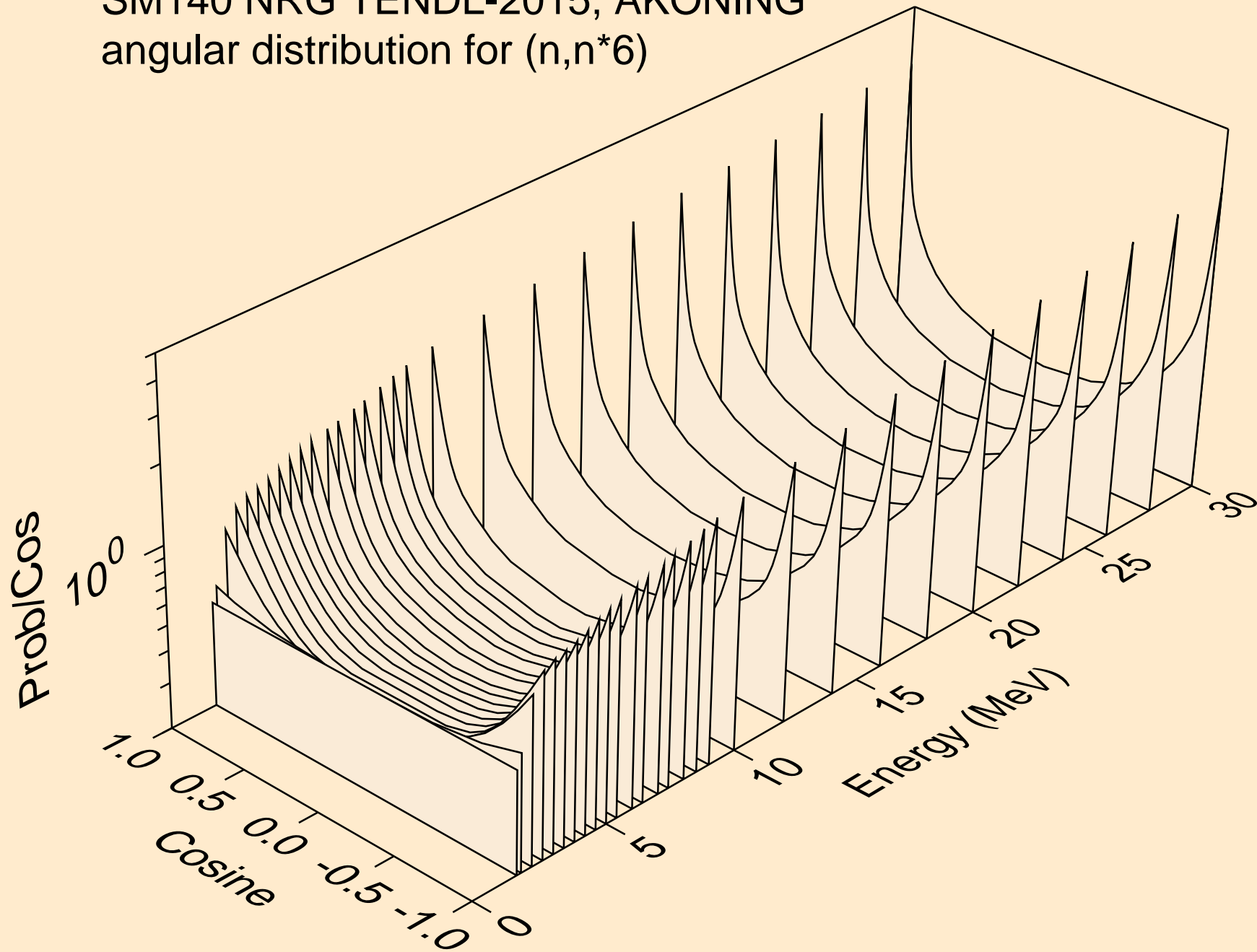
SM140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



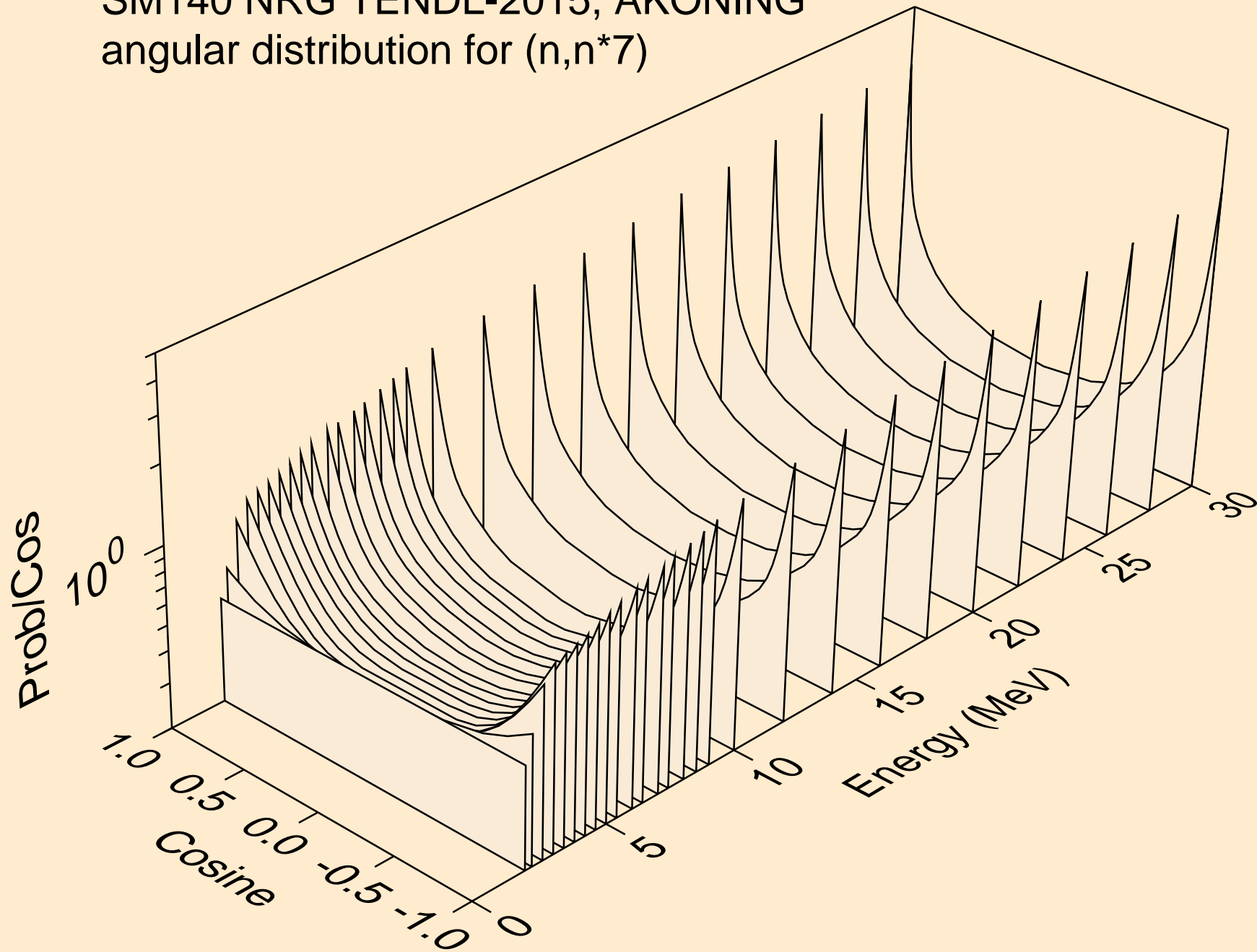
SM140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



SM140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

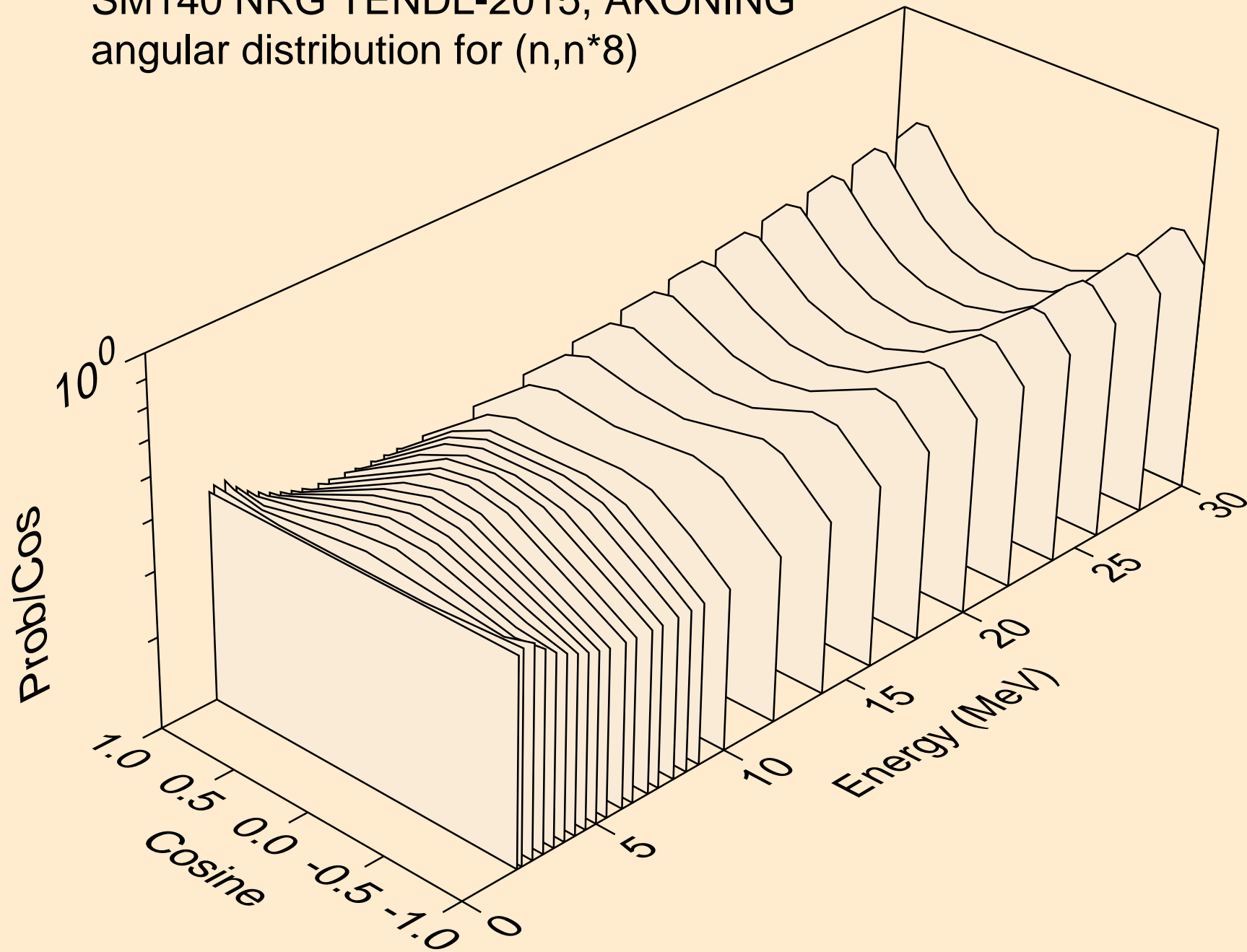


SM140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

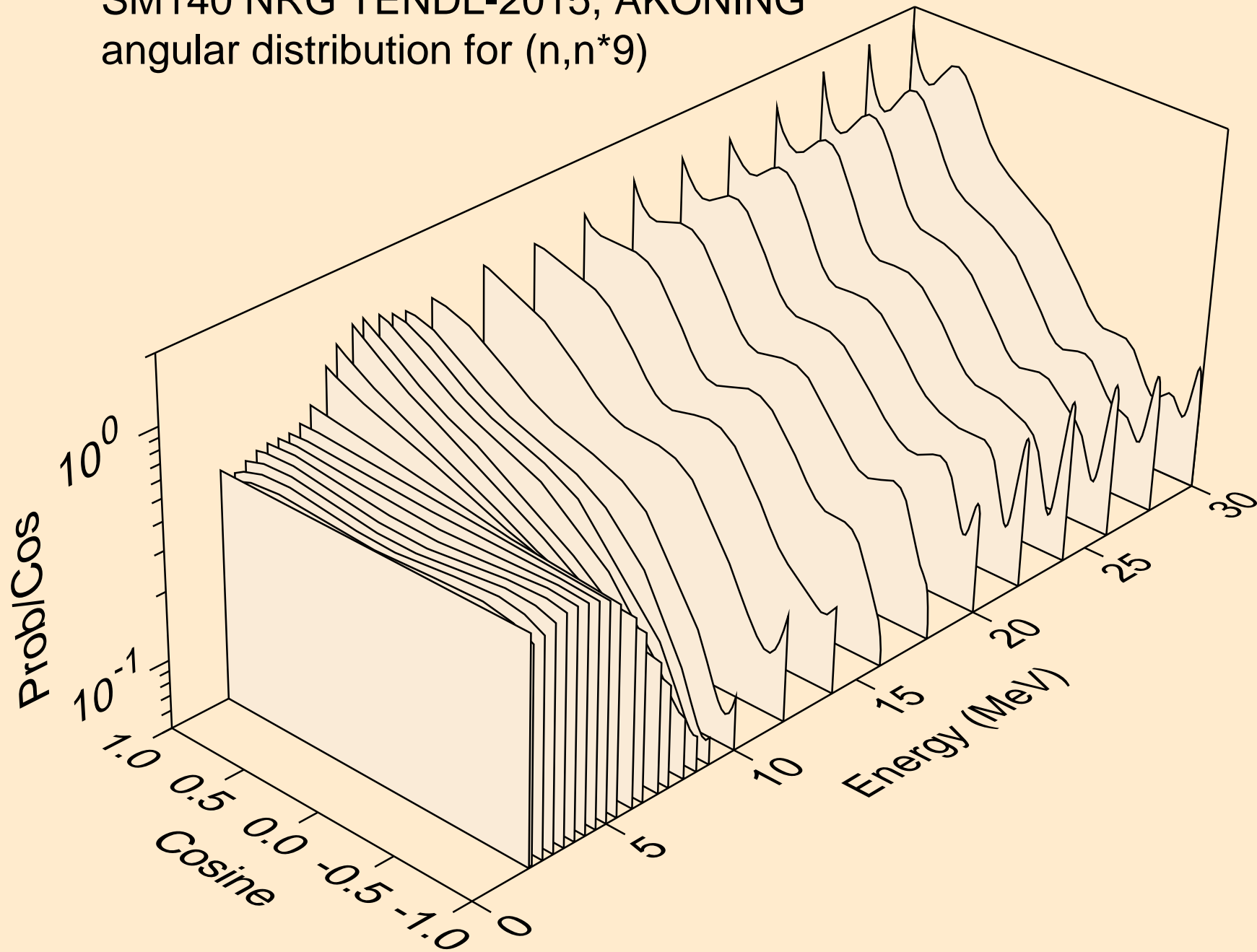




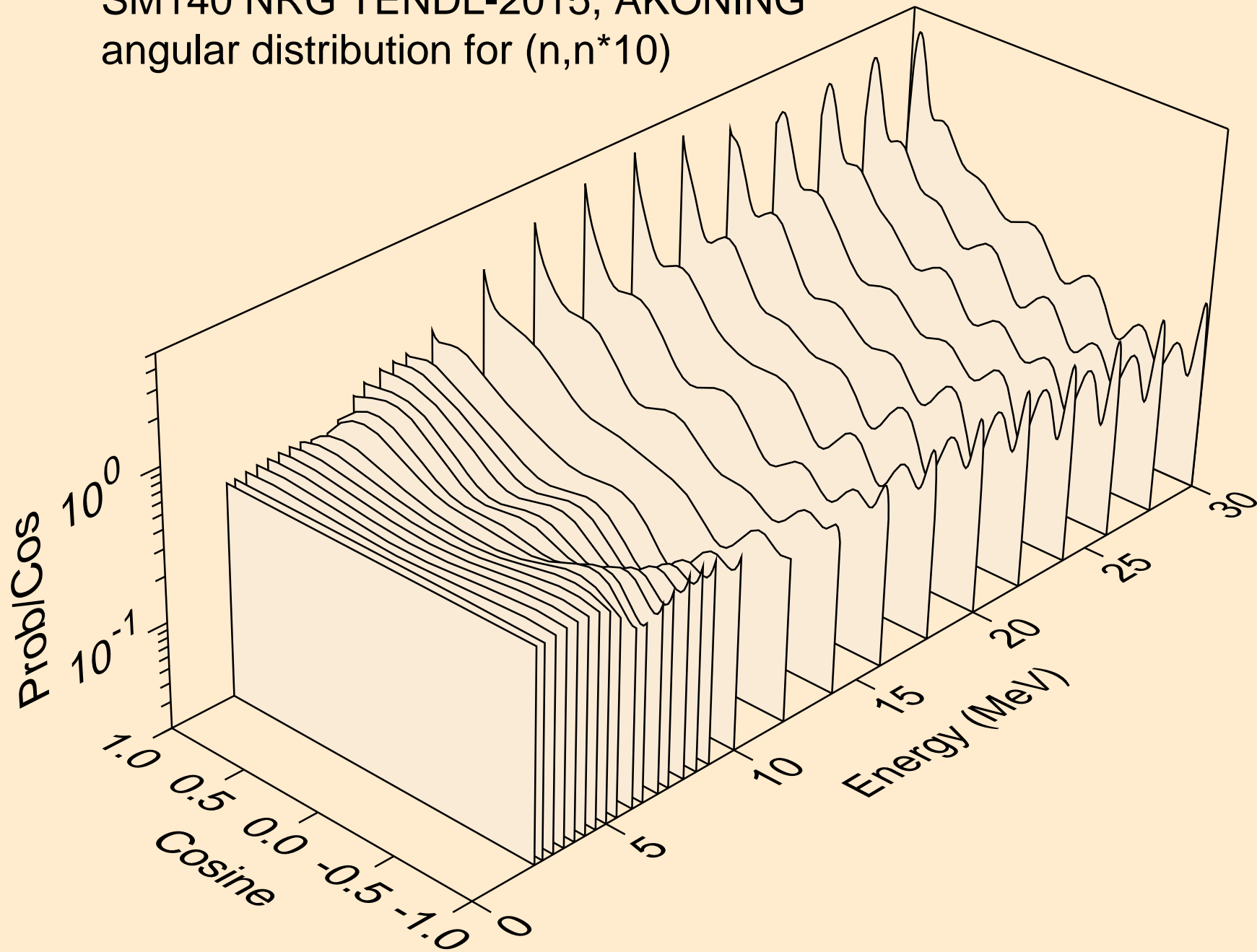
SM140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



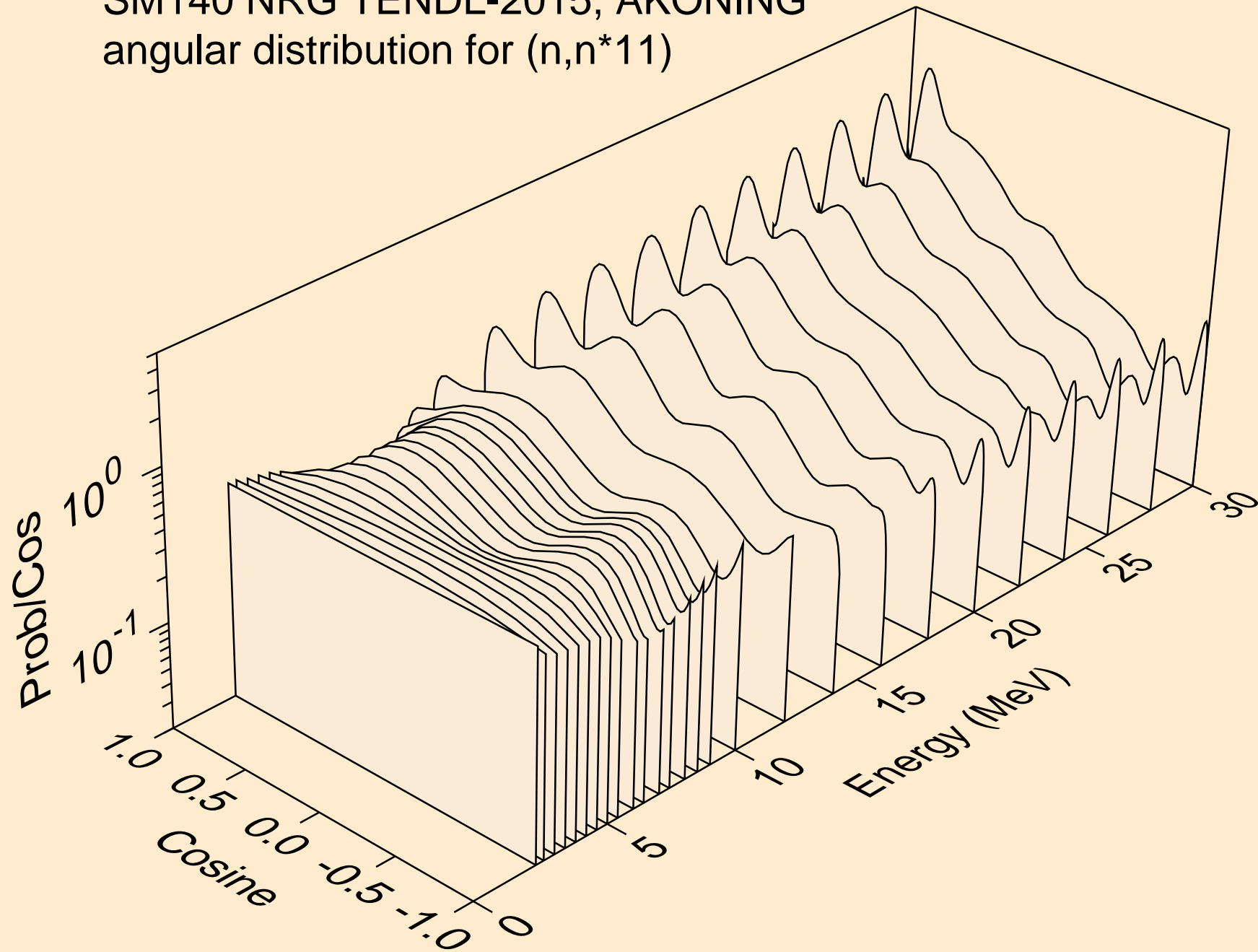
SM140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



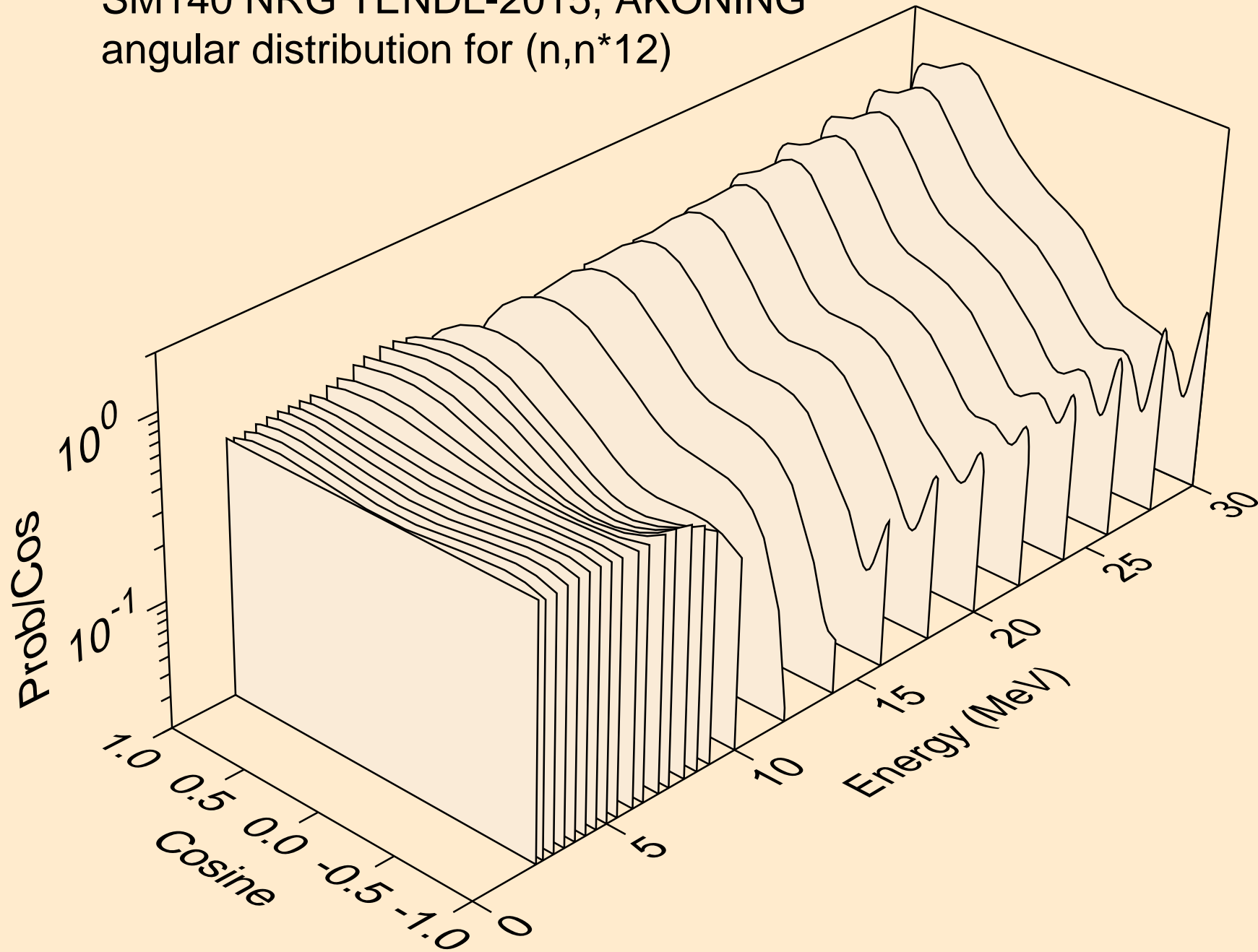
SM140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



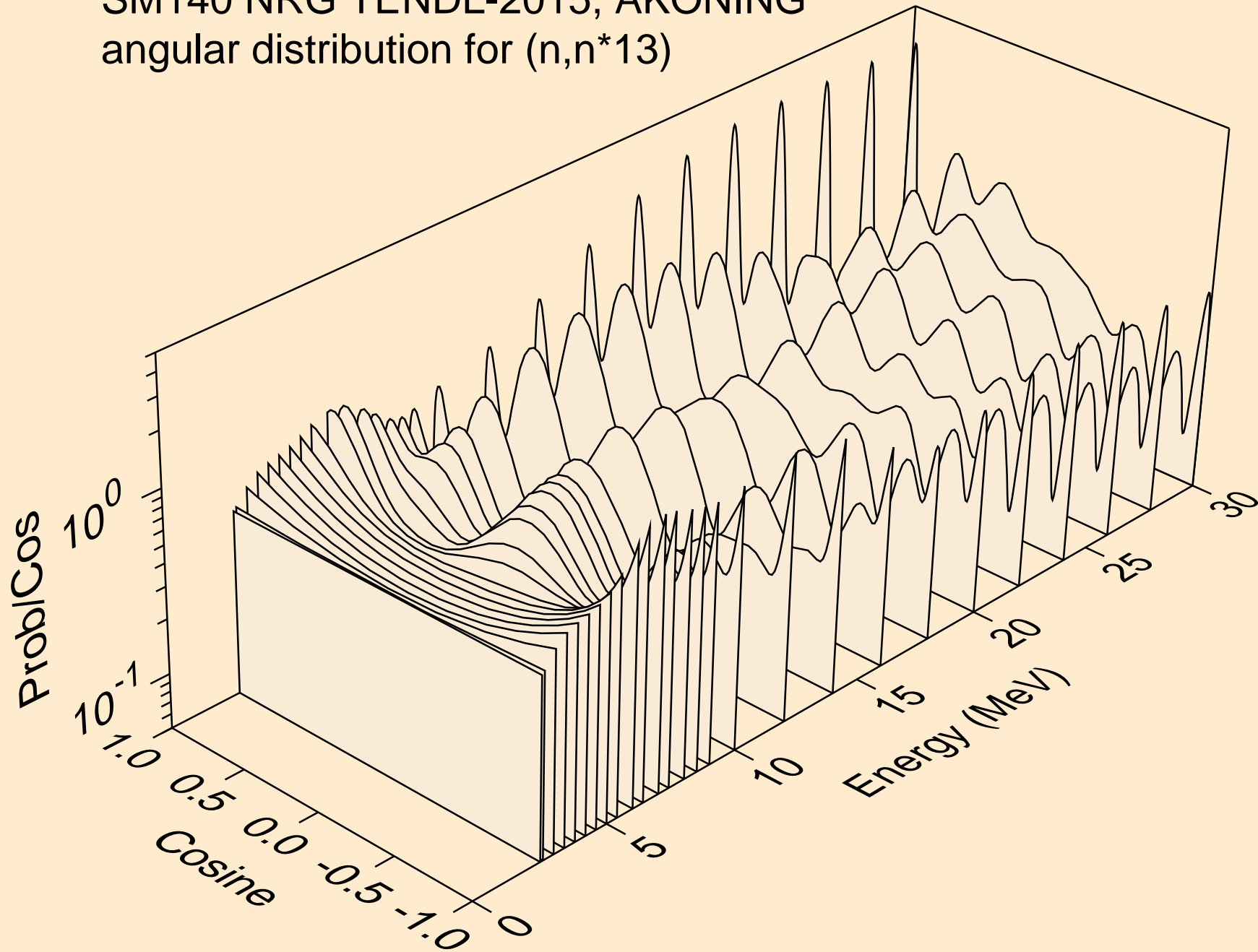
SM140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



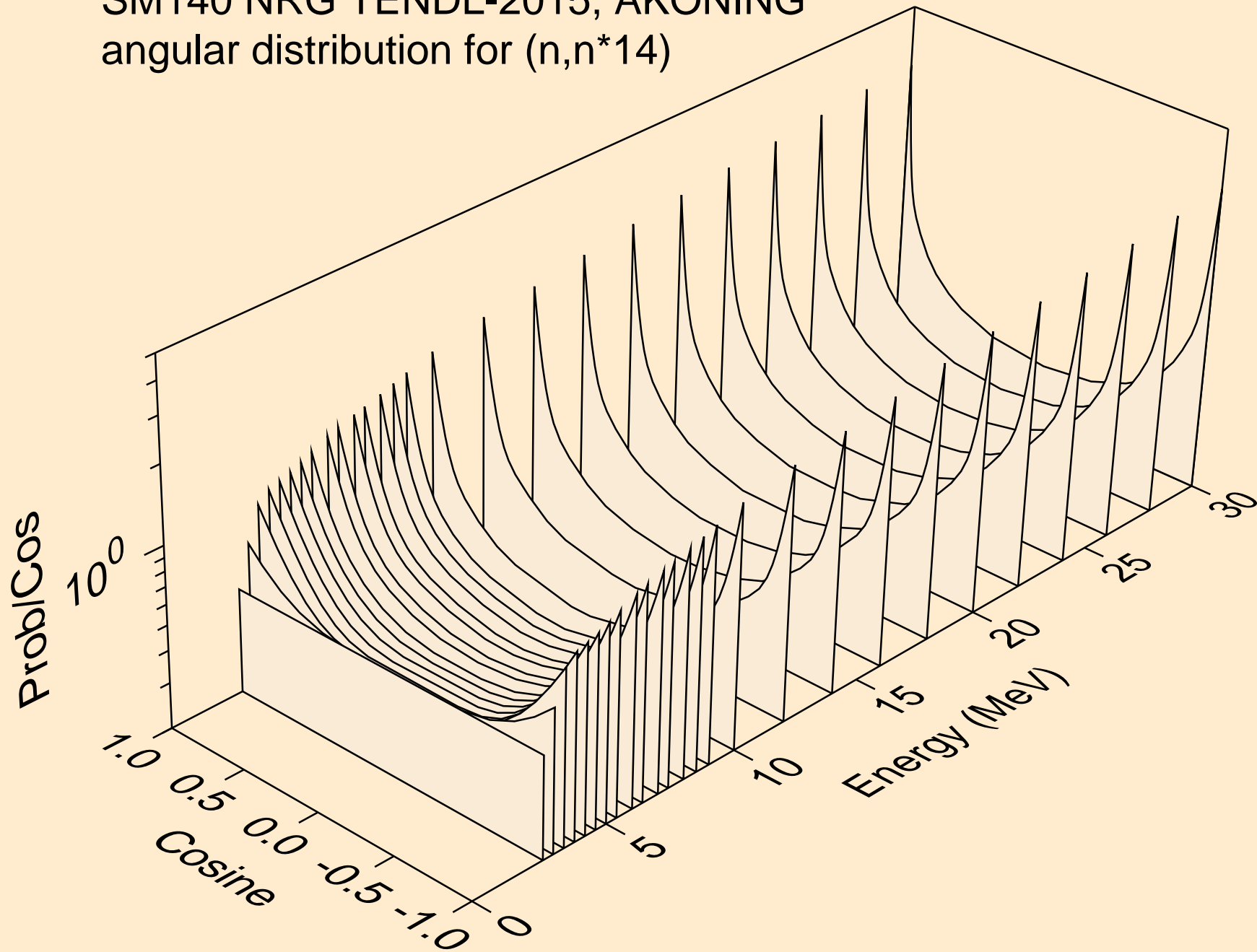
SM140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



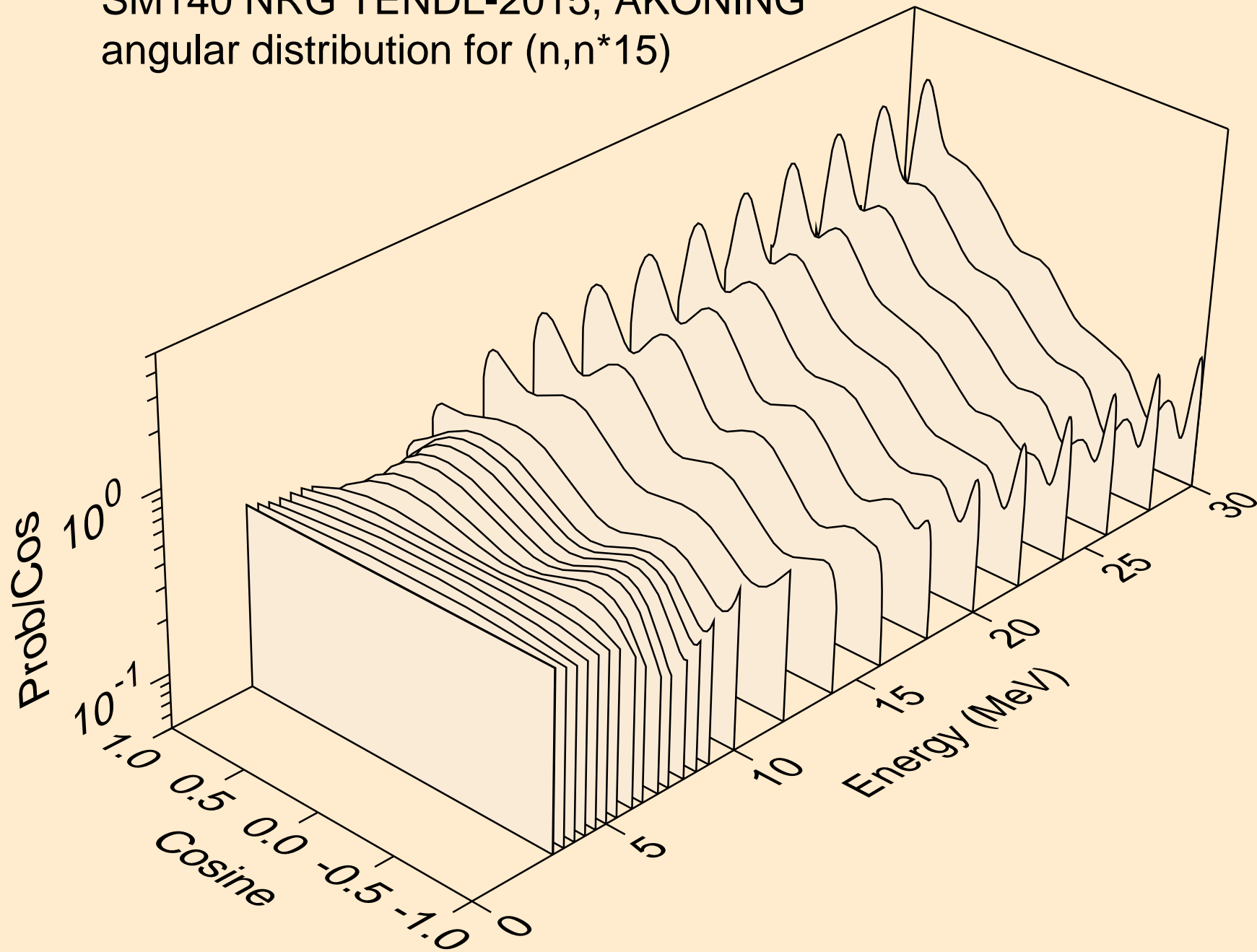
SM140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



SM140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

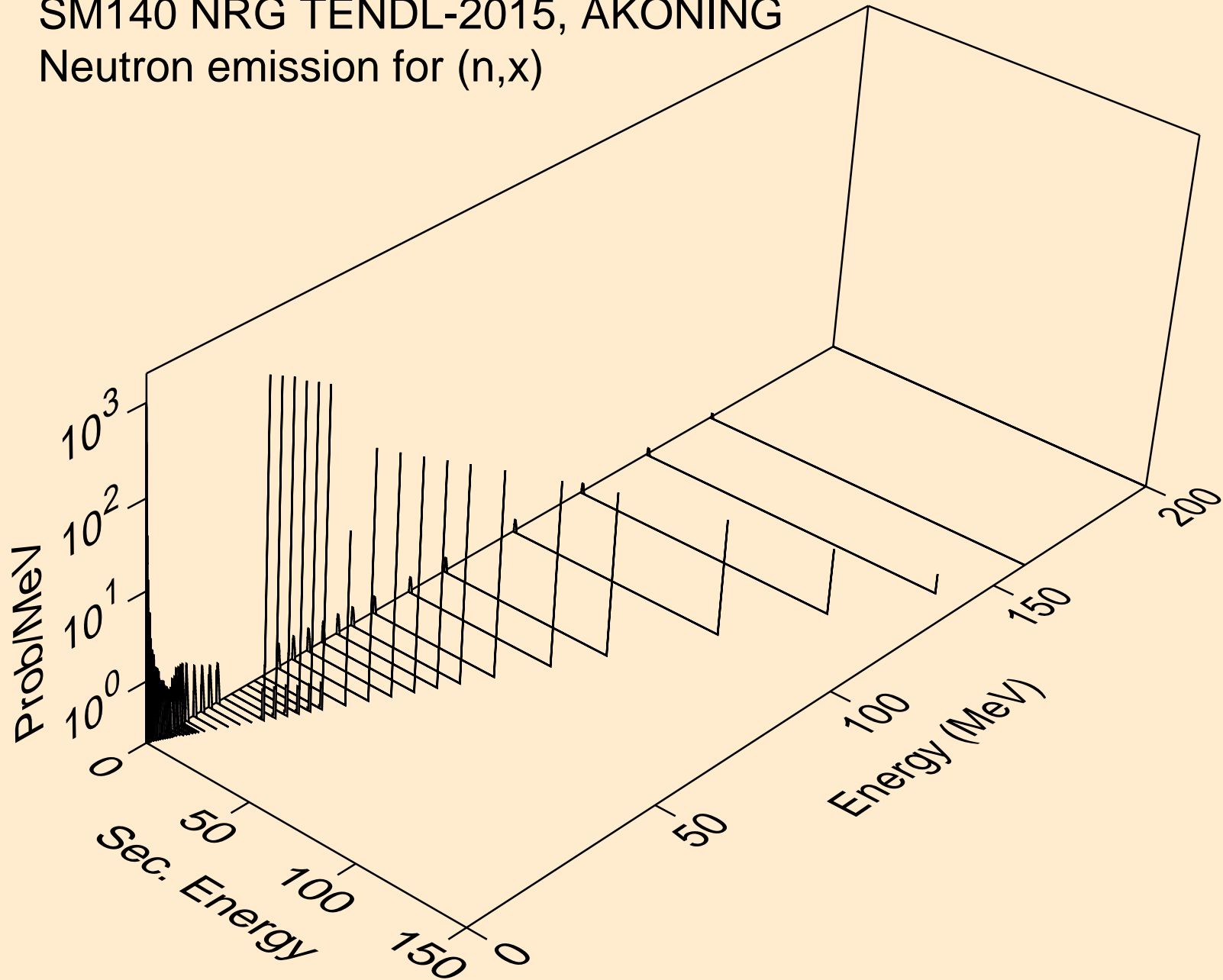


SM140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

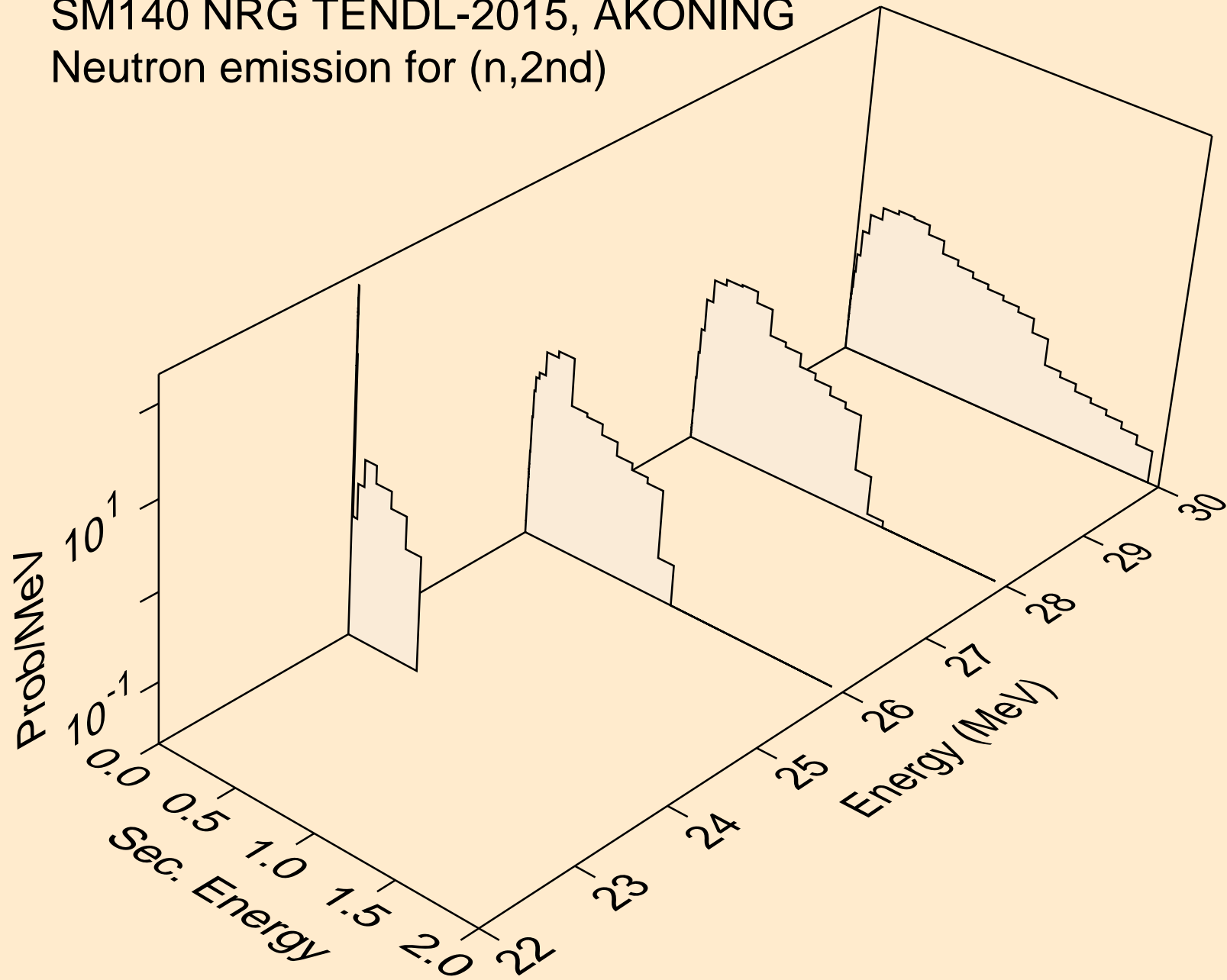




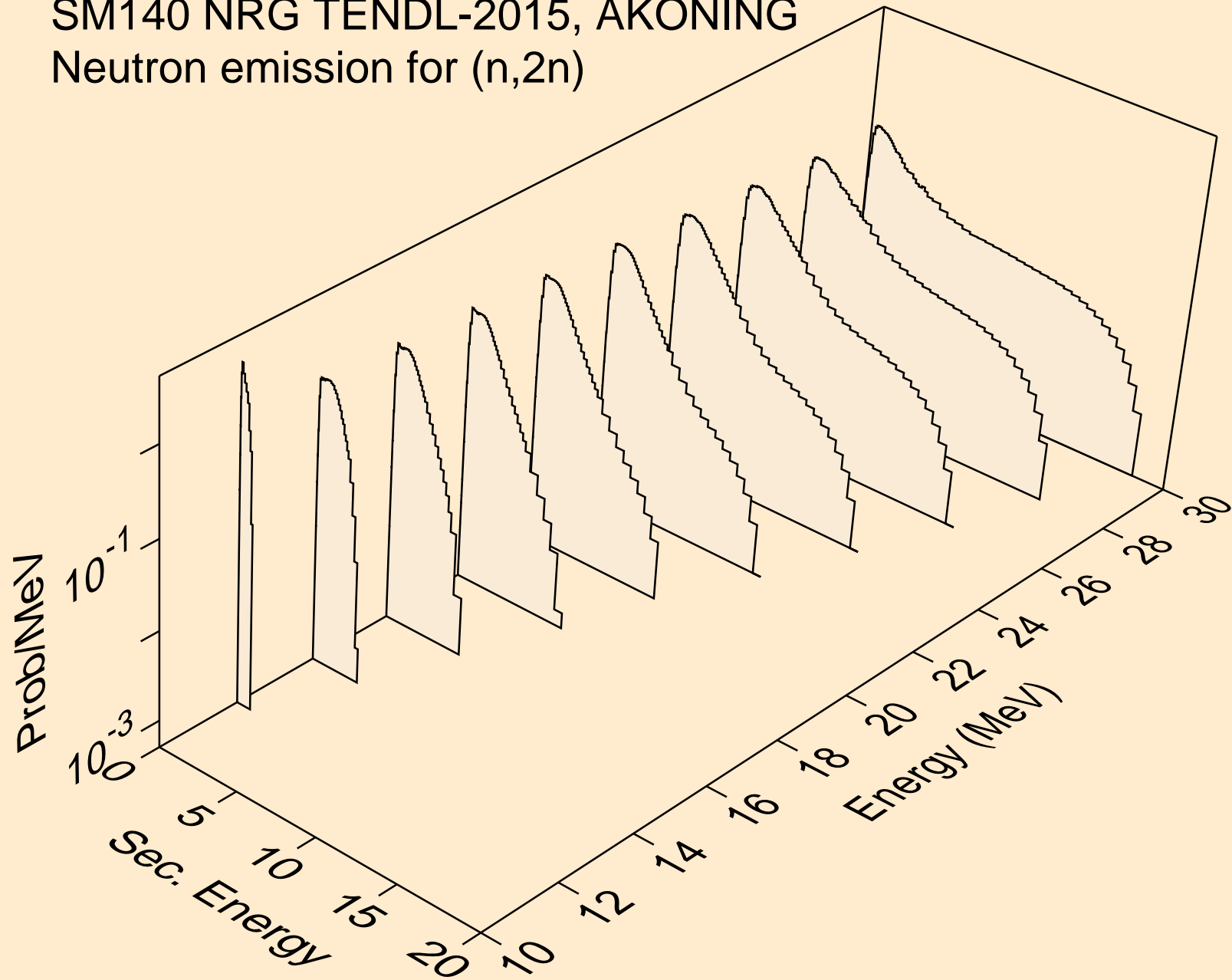
SM140 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



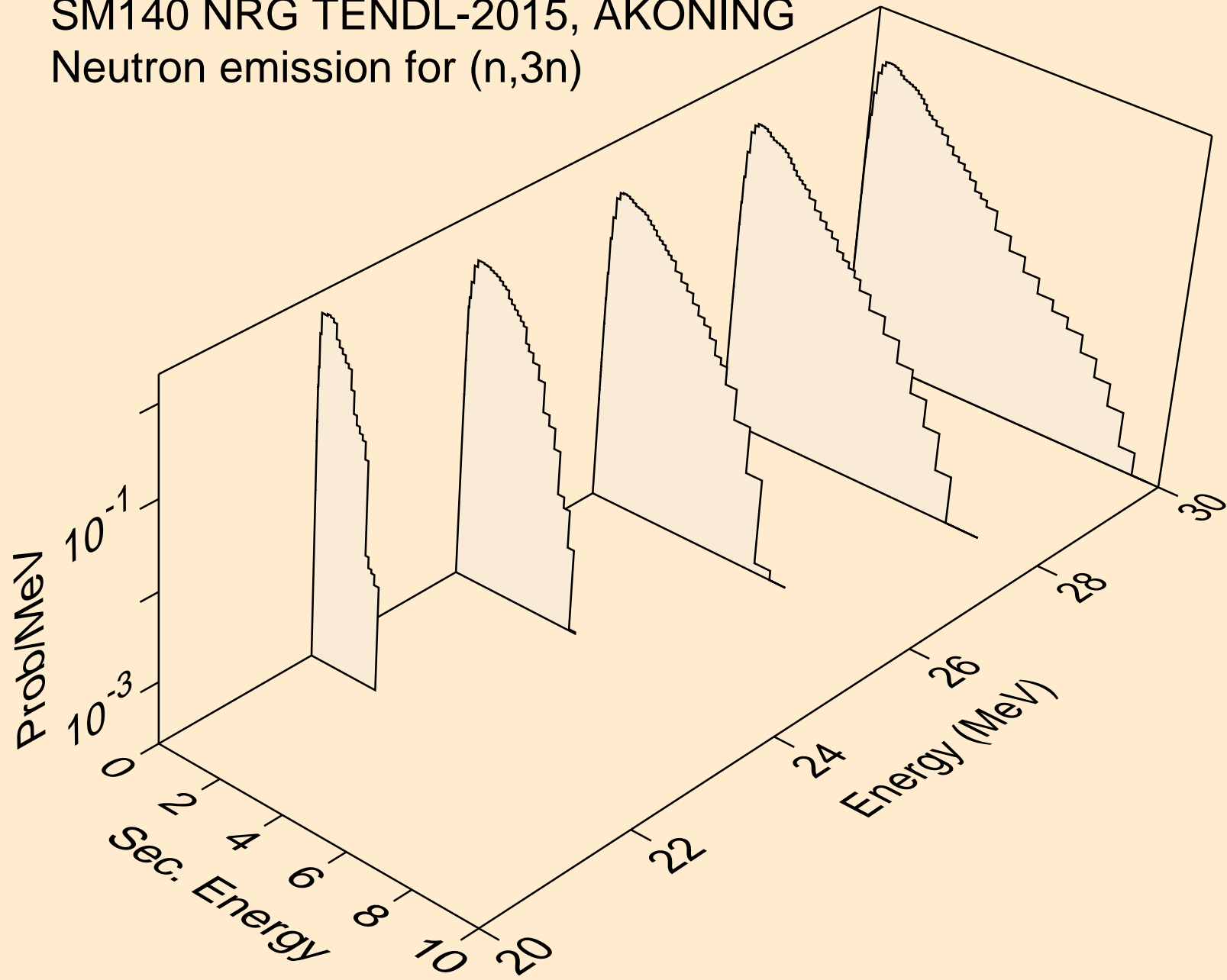
SM140 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



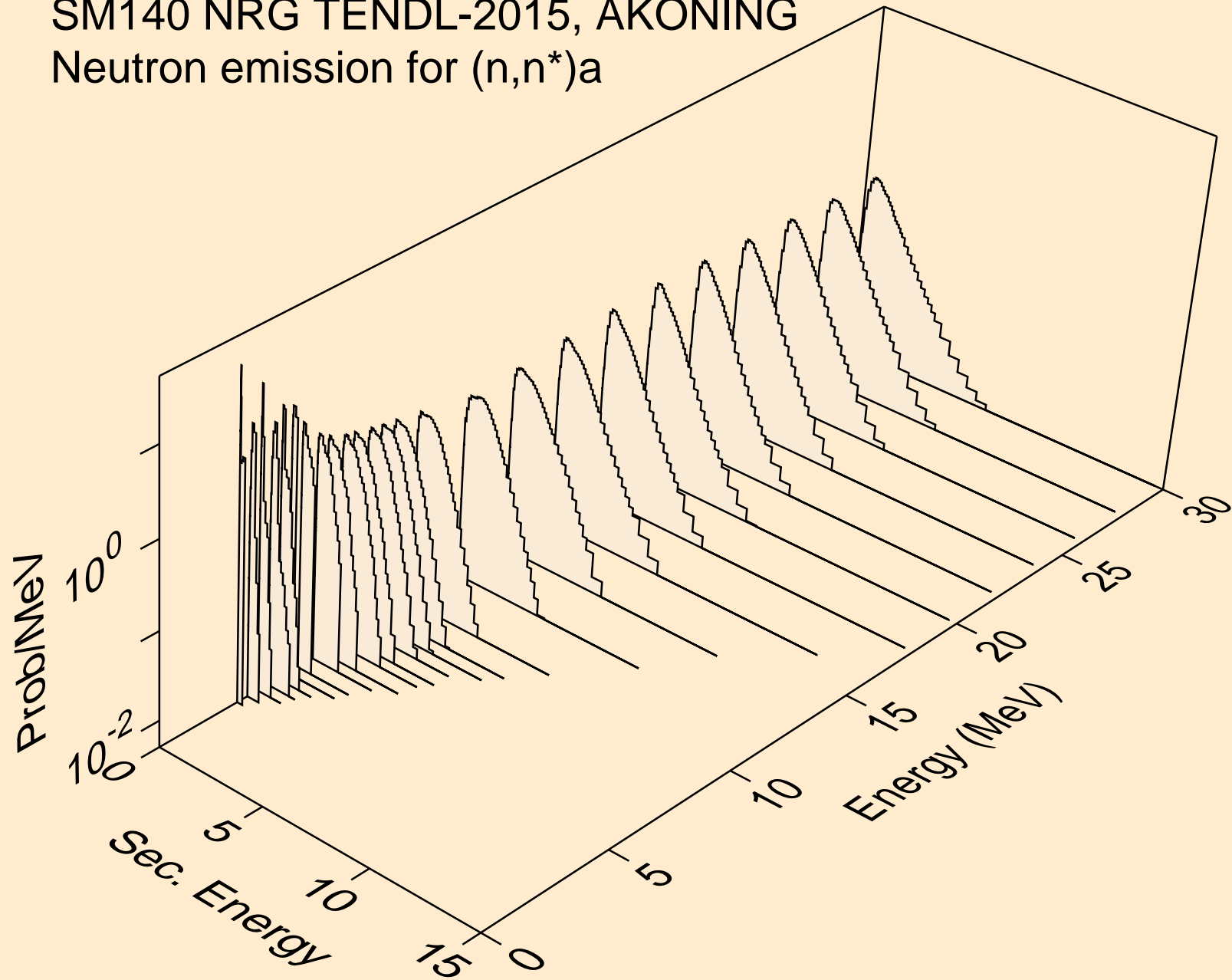
SM140 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



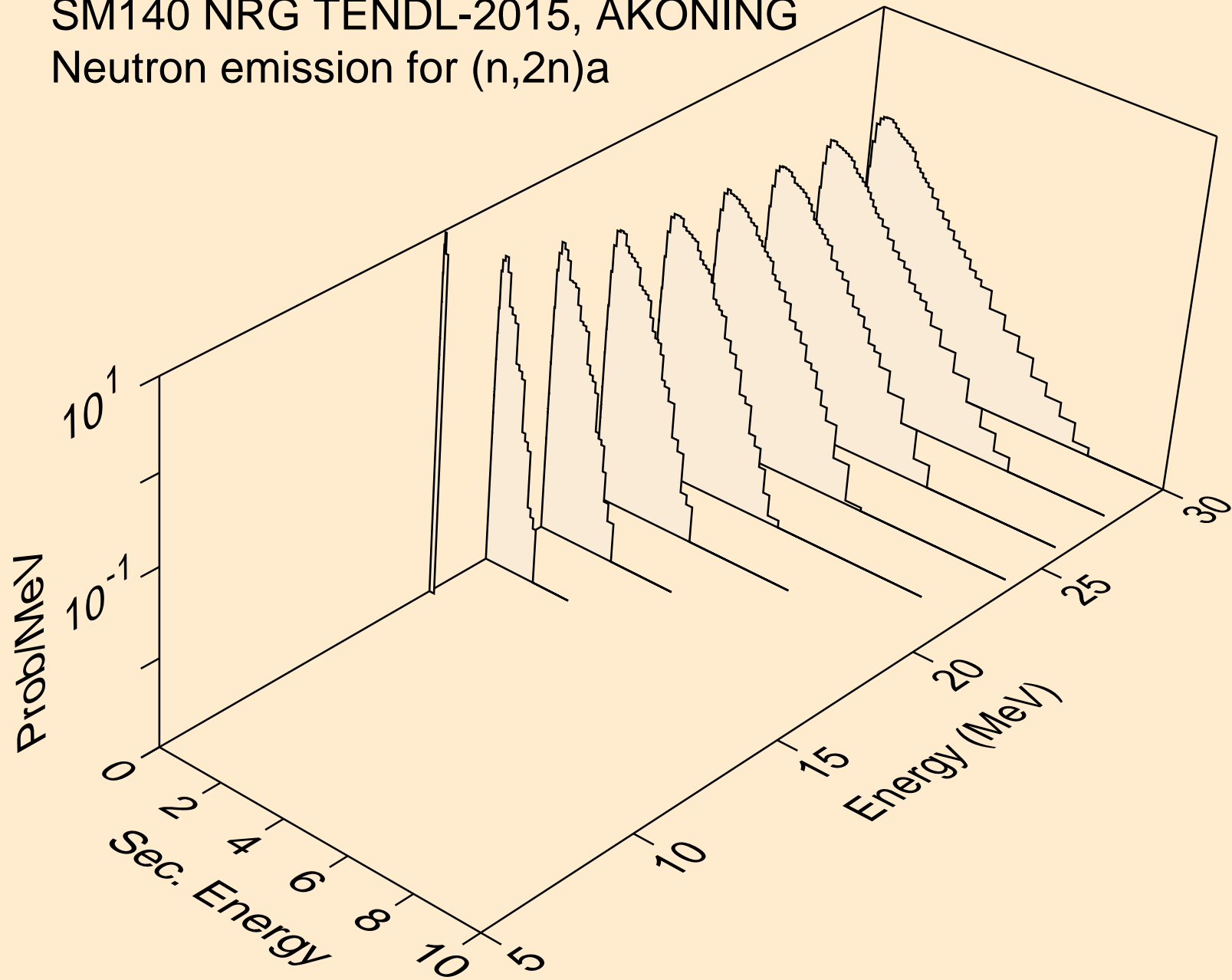
SM140 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



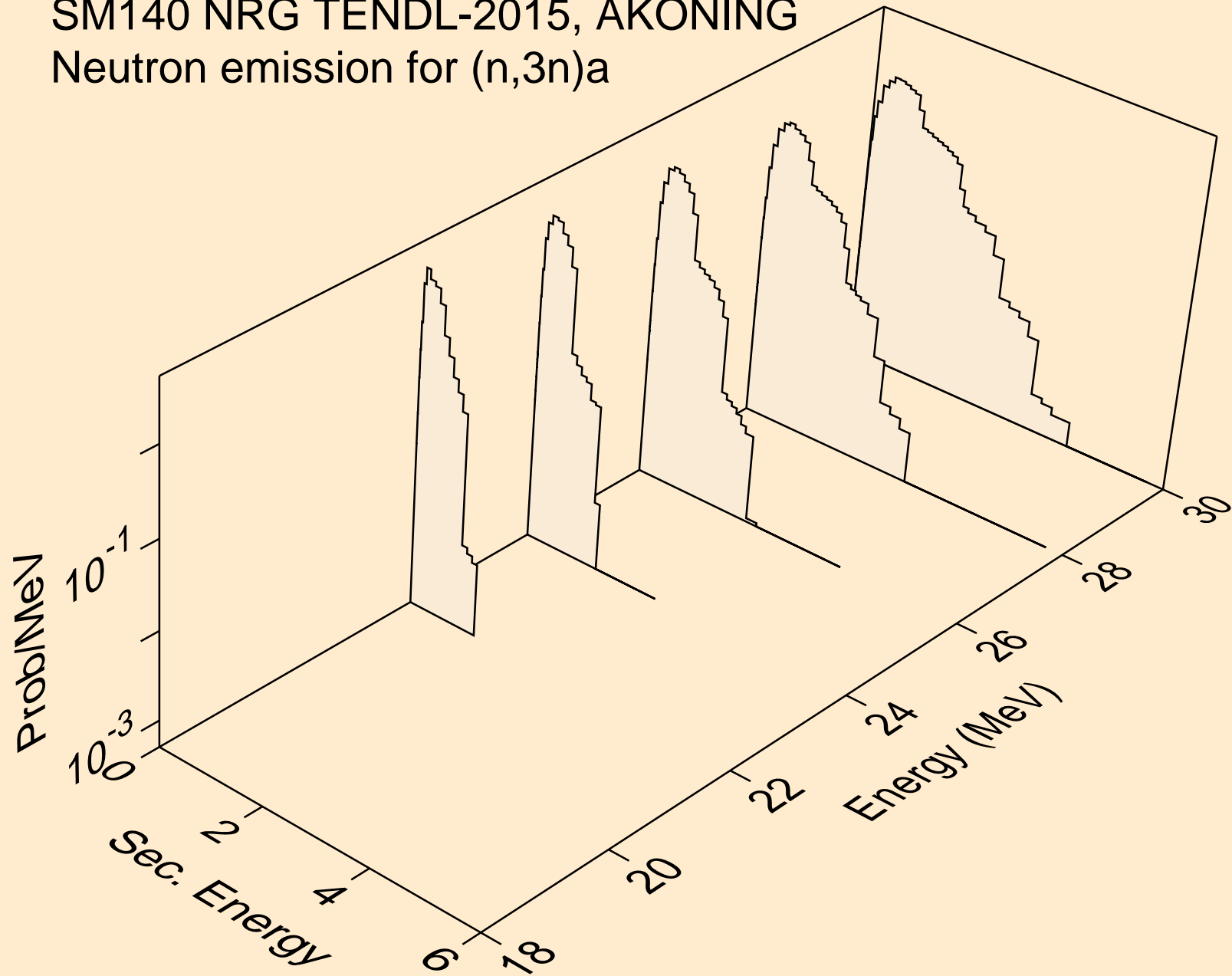
SM140 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



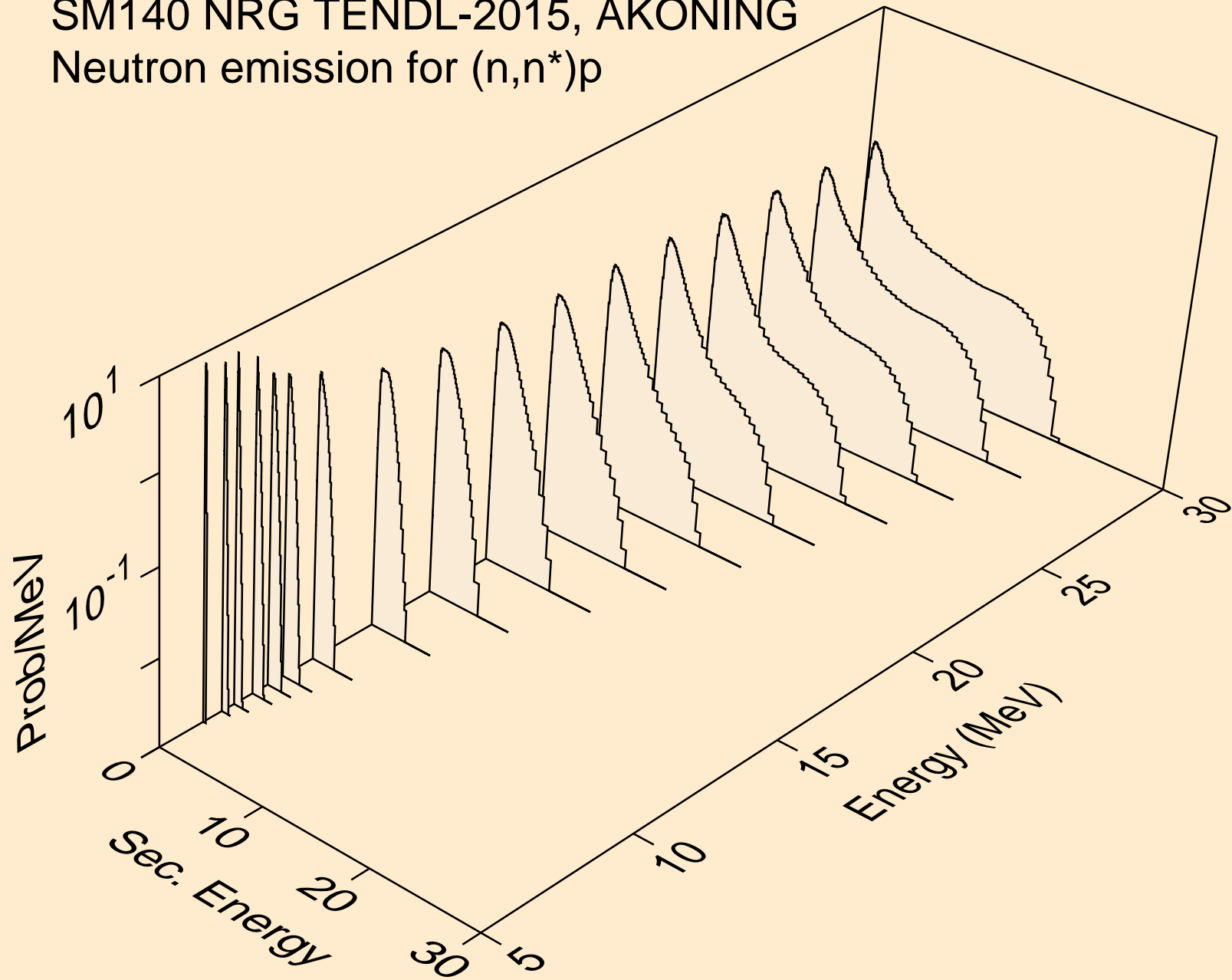
SM140 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



SM140 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

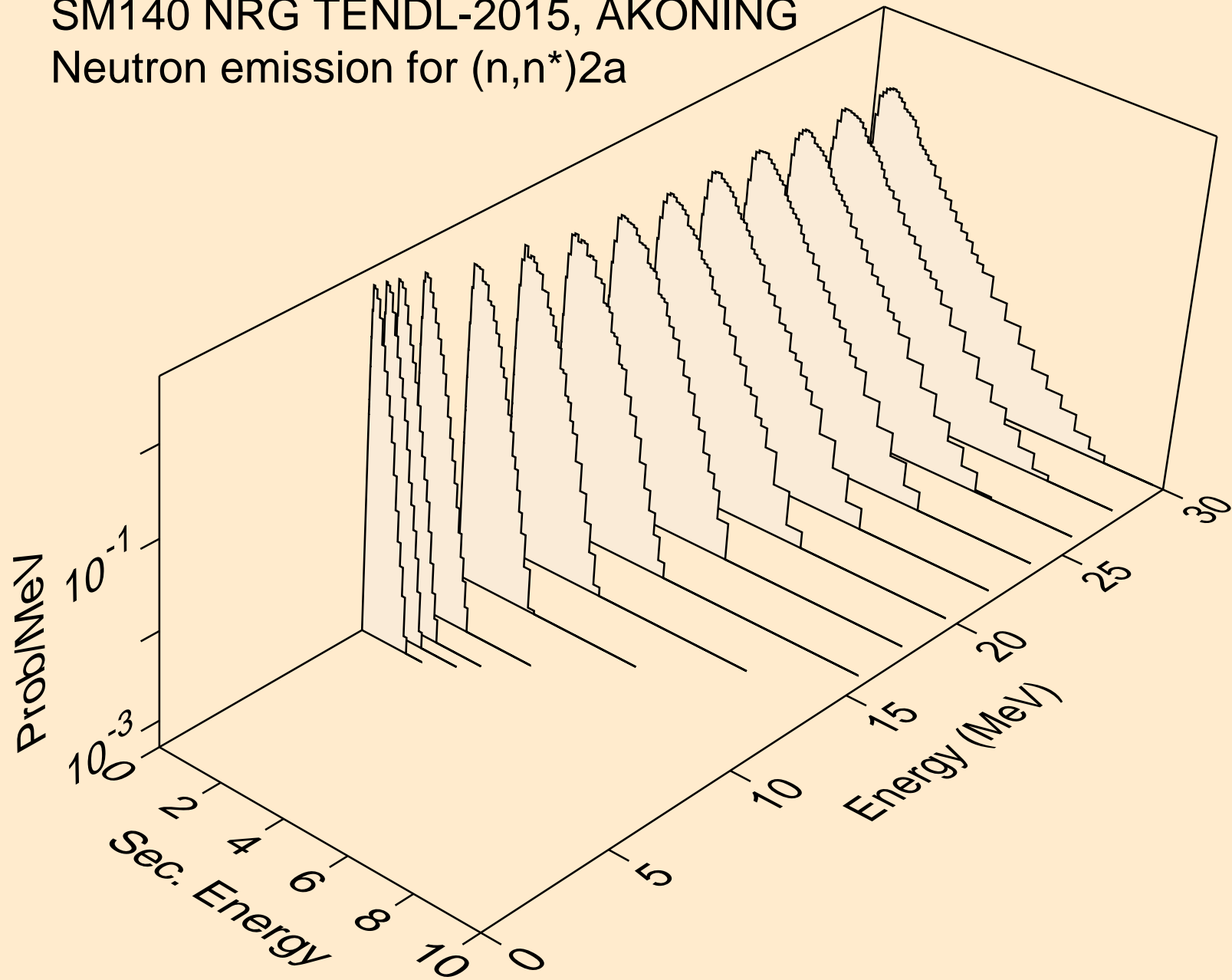


SM140 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

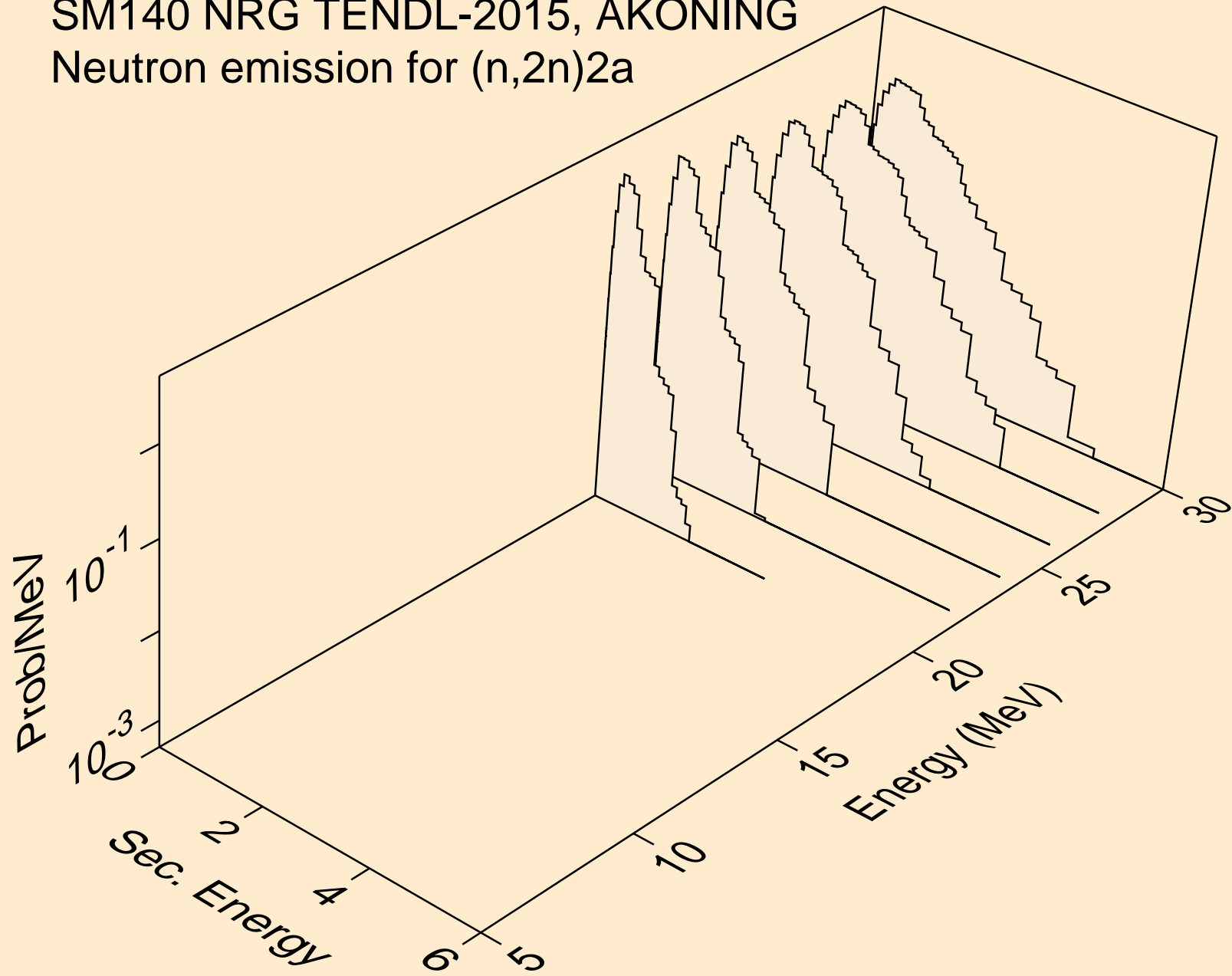




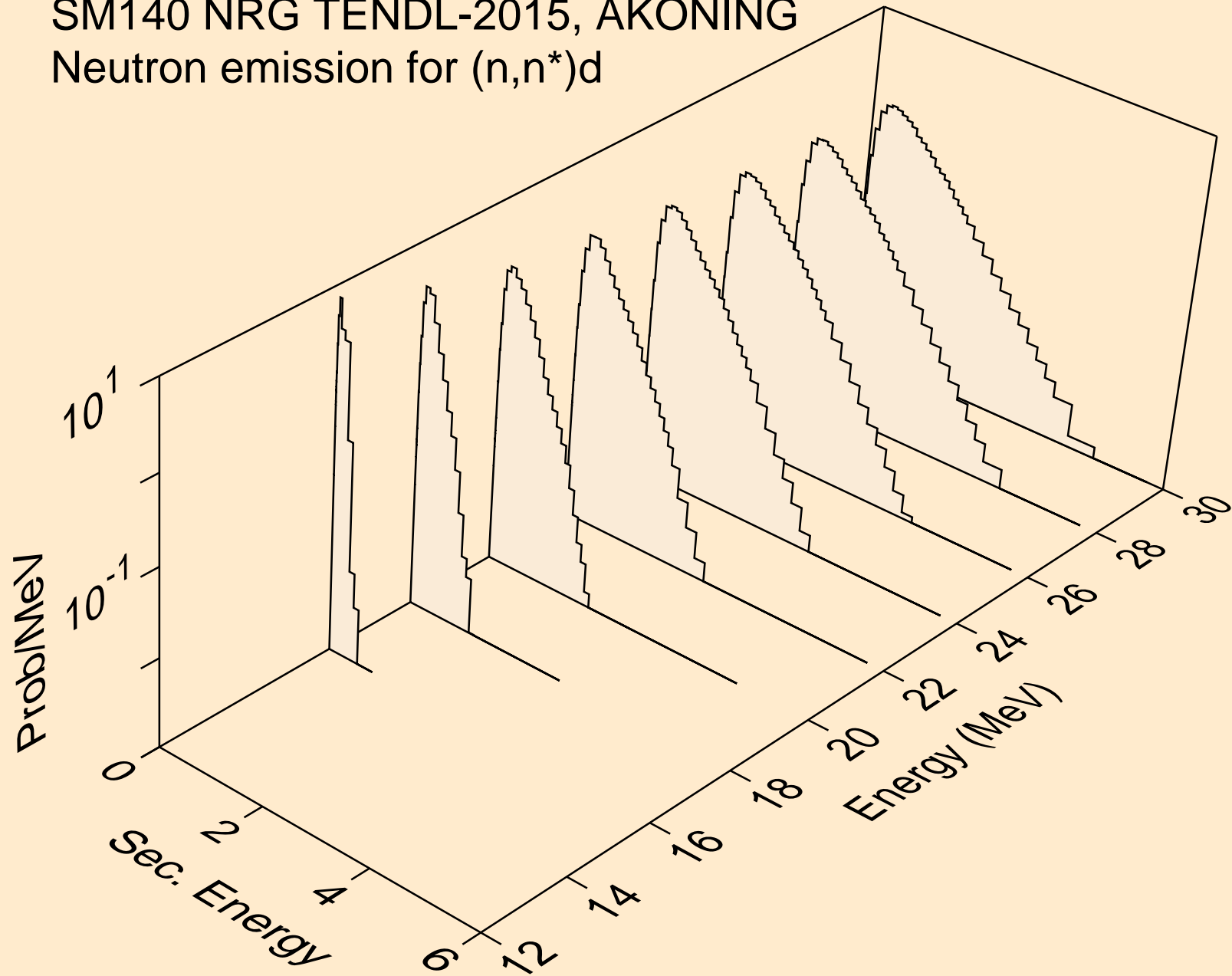
SM140 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



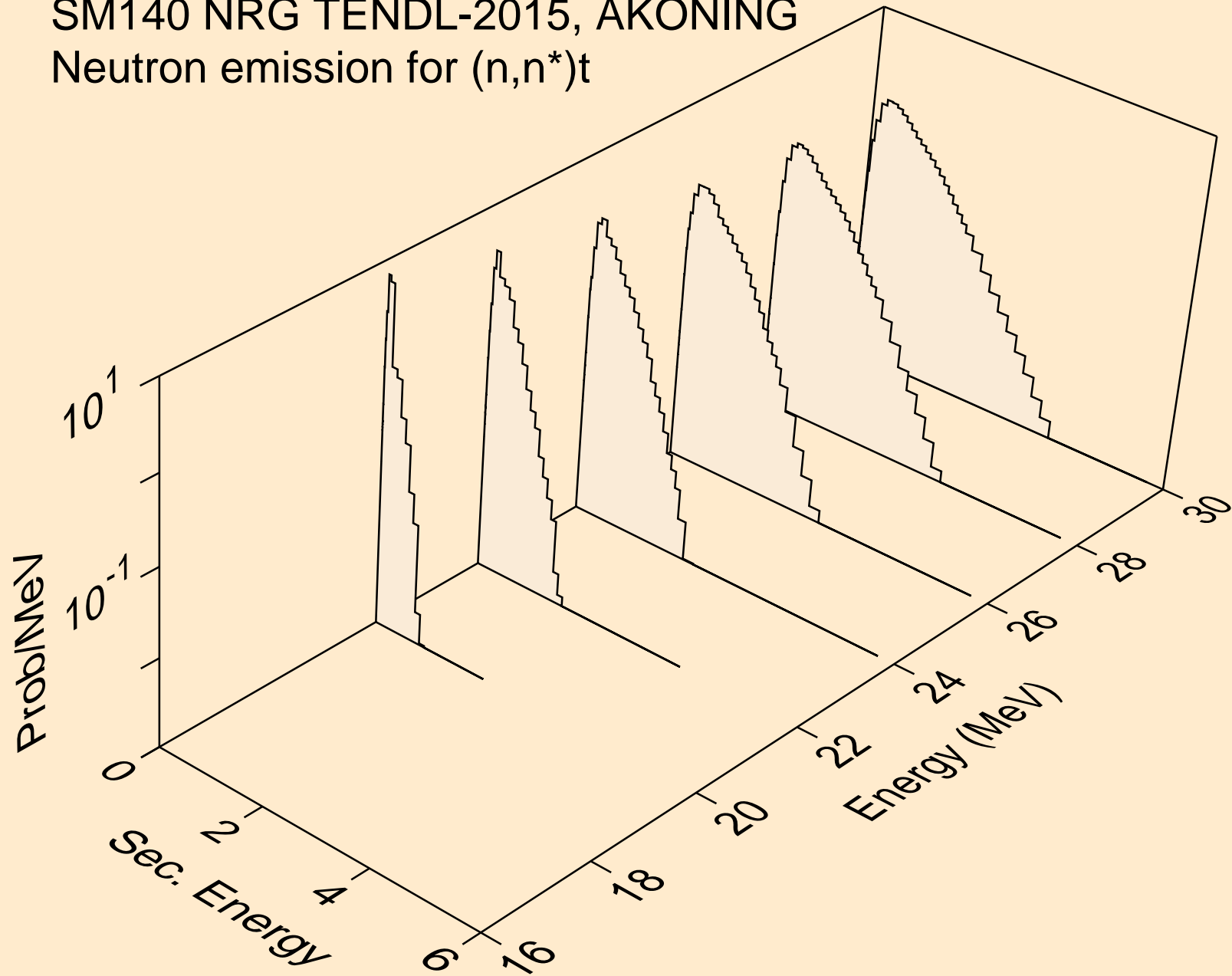
SM140 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



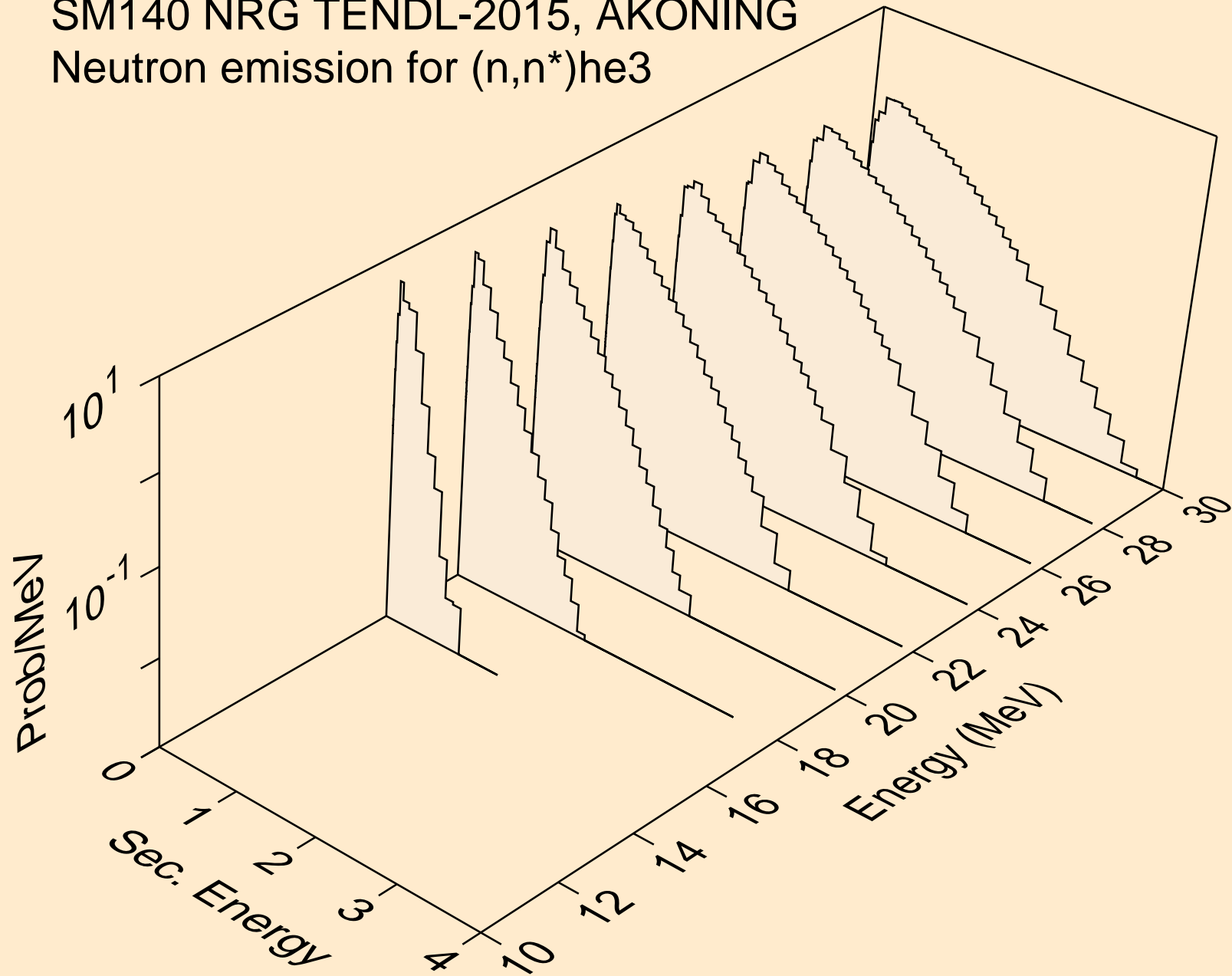
SM140 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



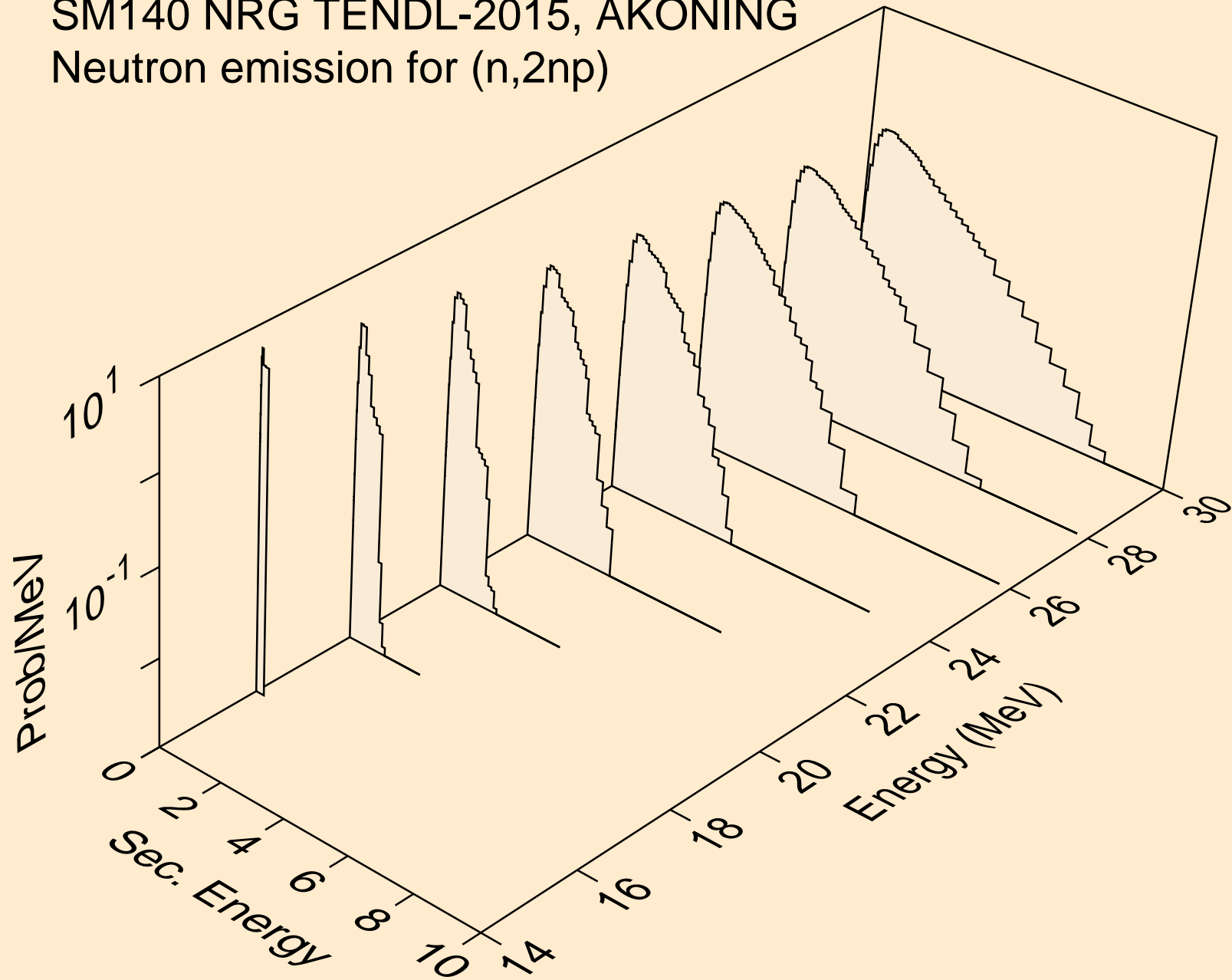
SM140 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



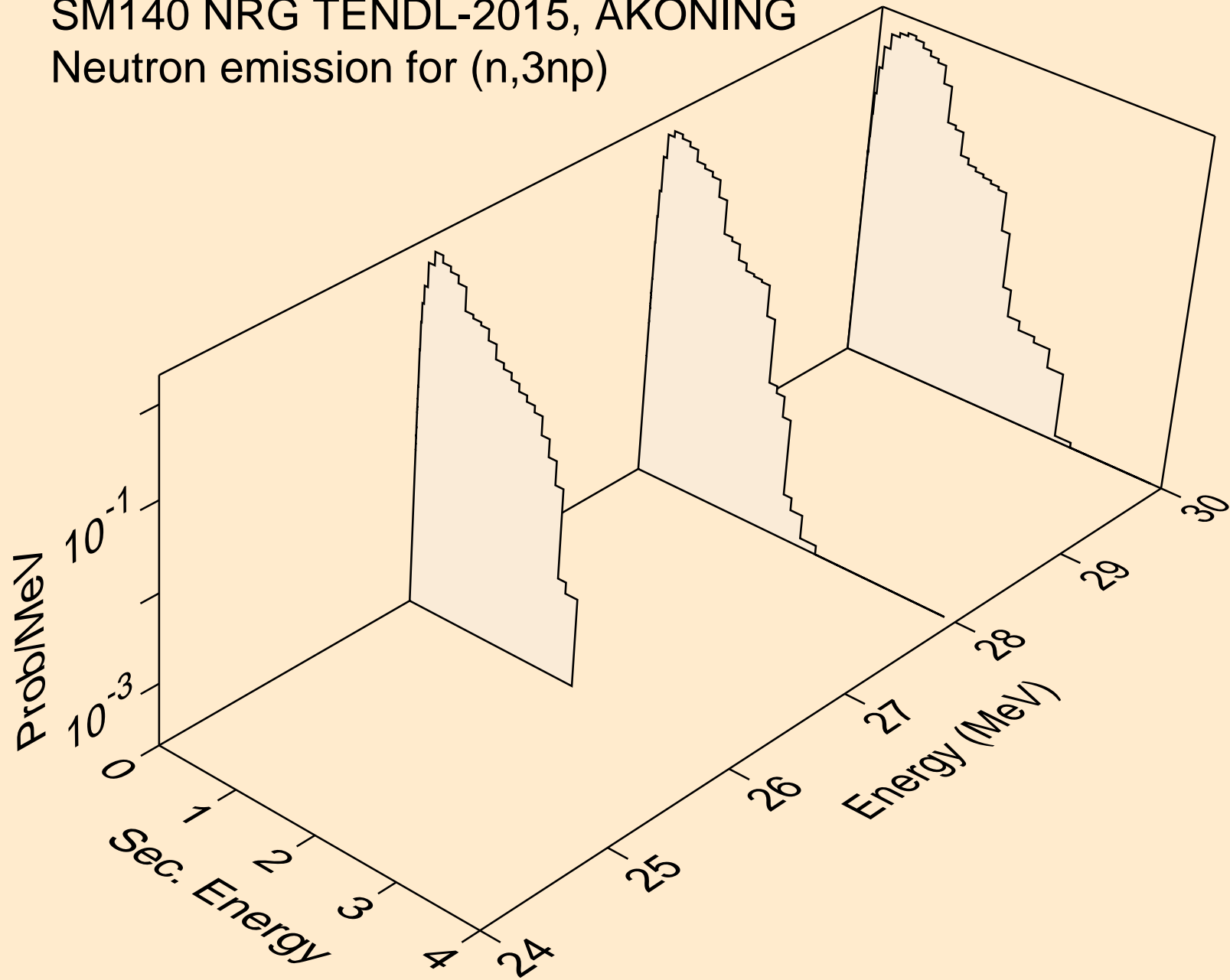
SM140 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



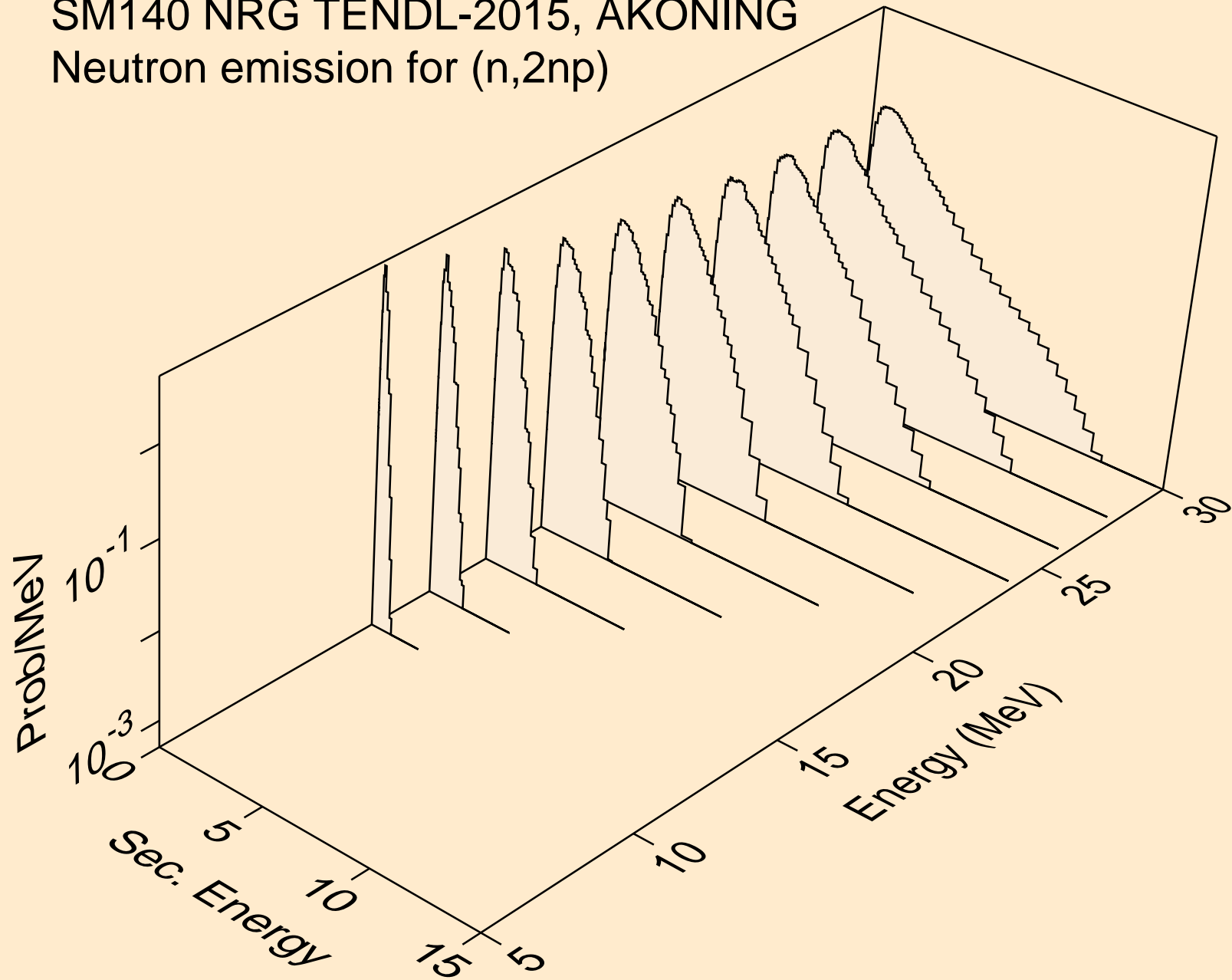
SM140 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



SM140 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

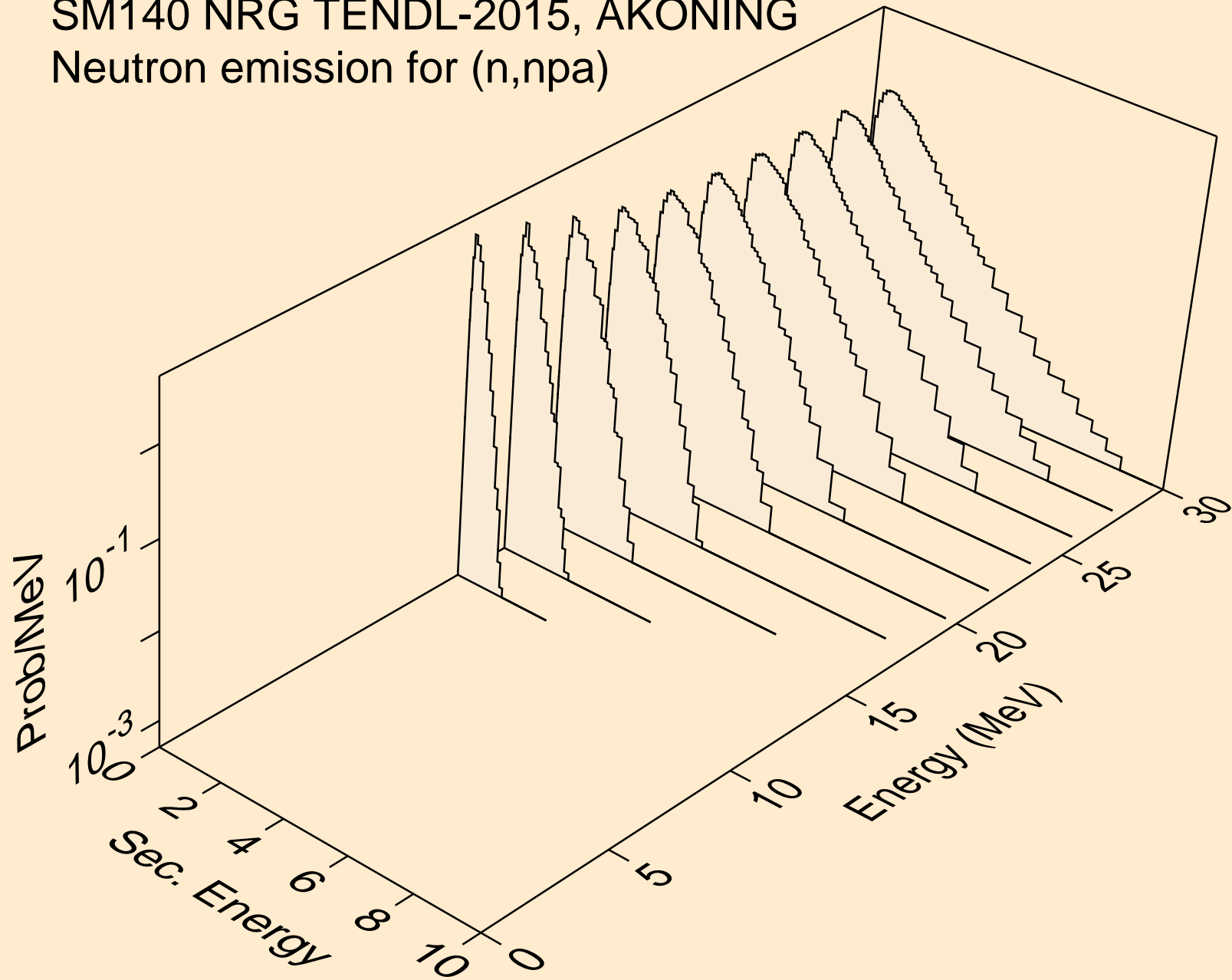


SM140 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

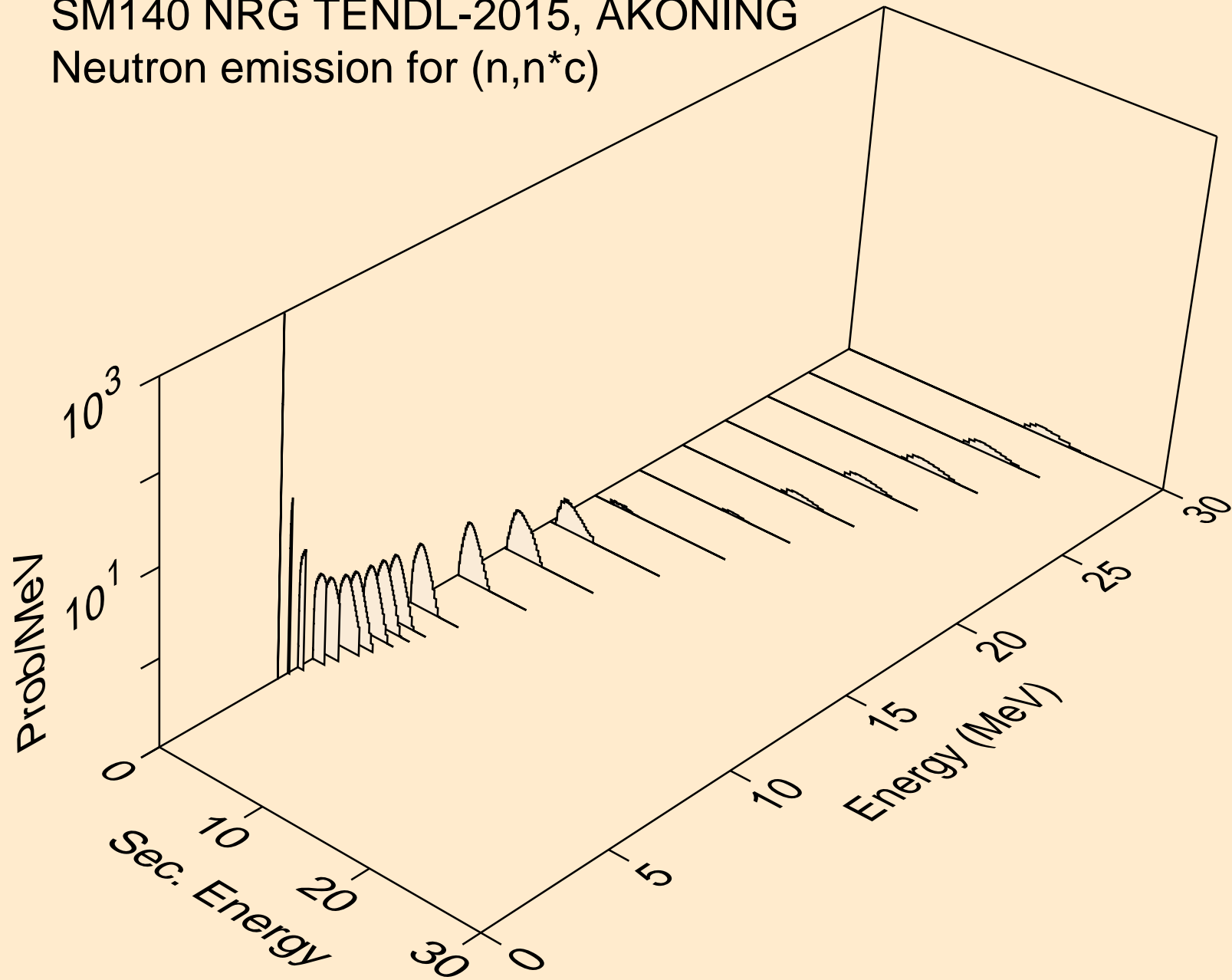




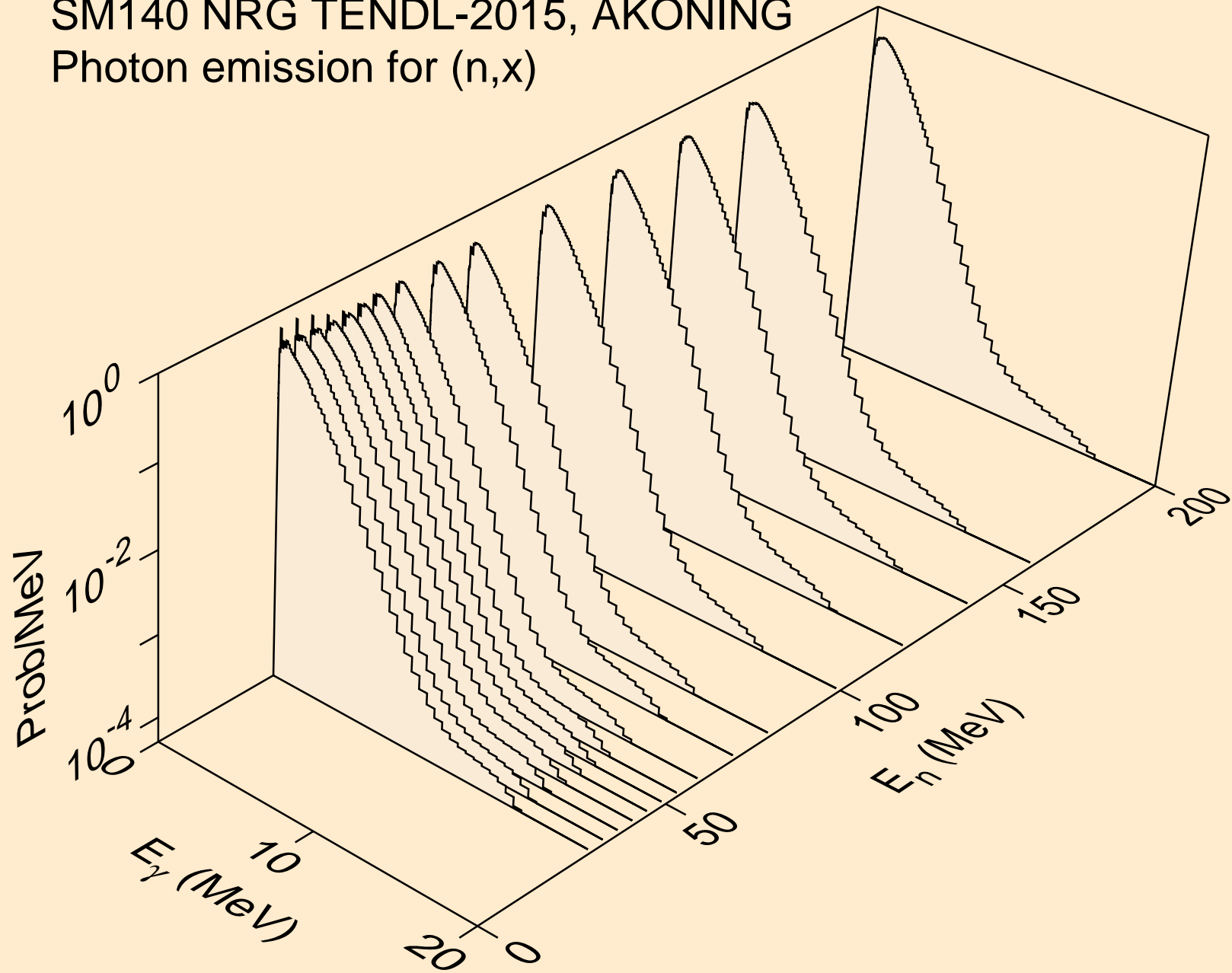
SM140 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



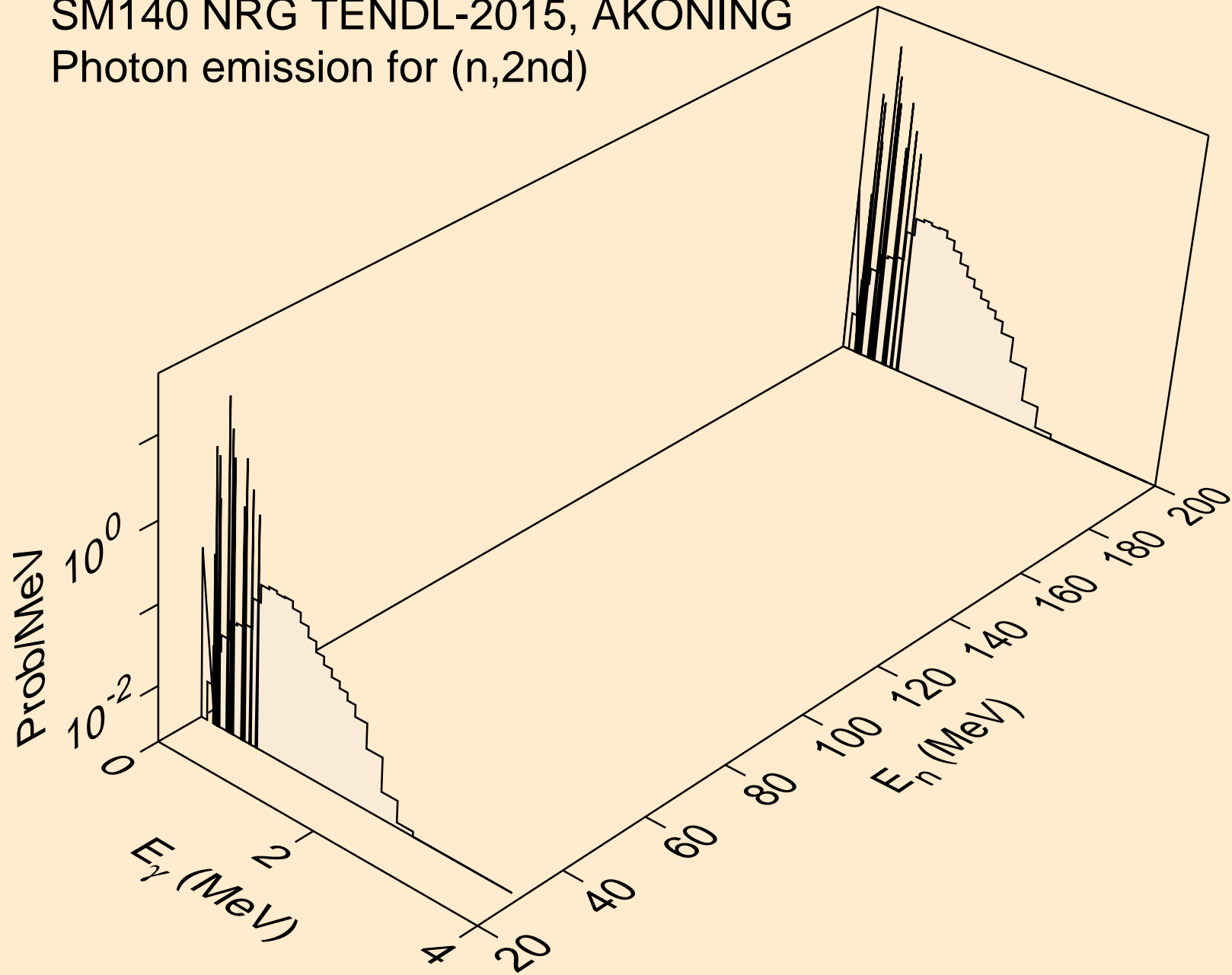
SM140 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



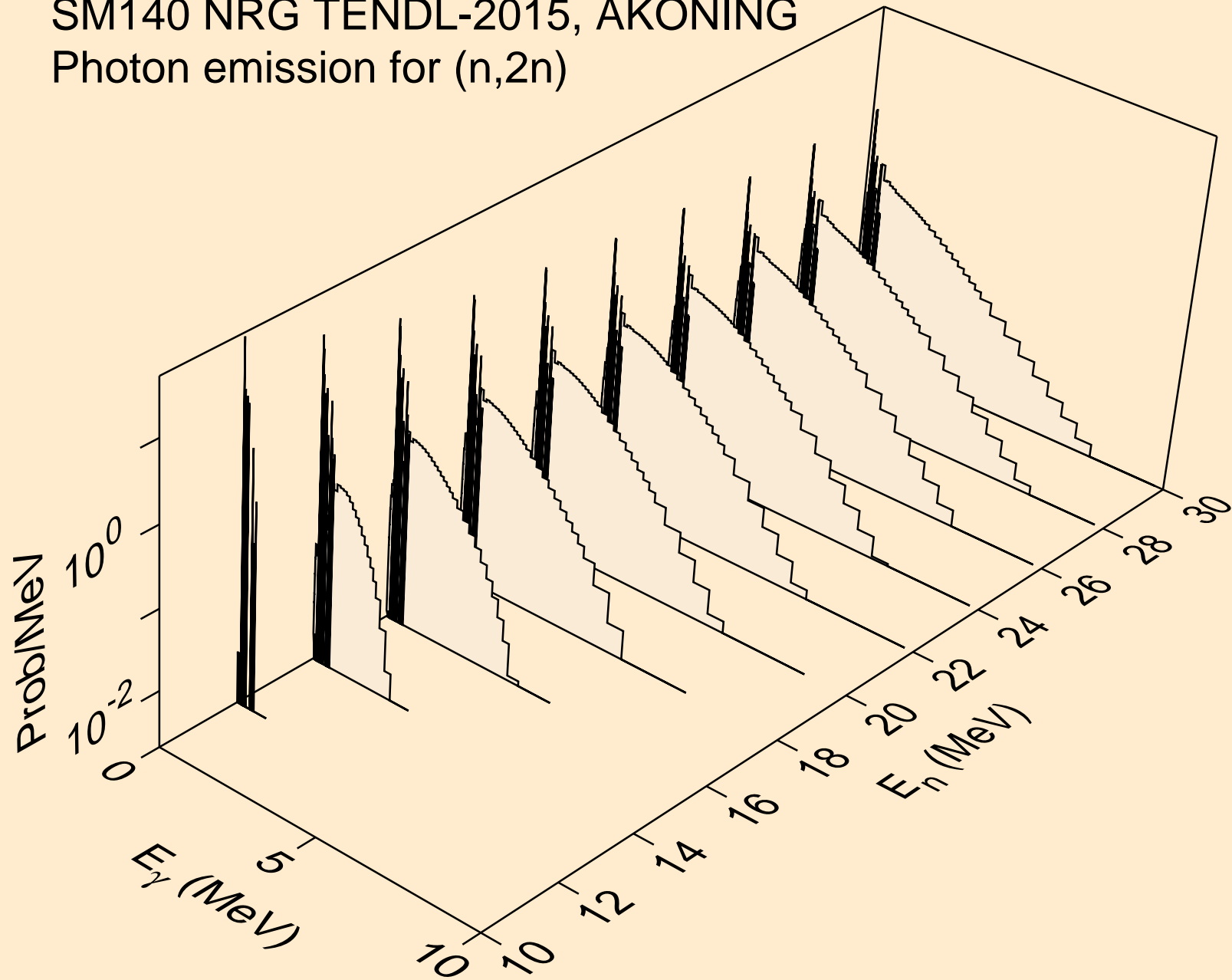
SM140 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



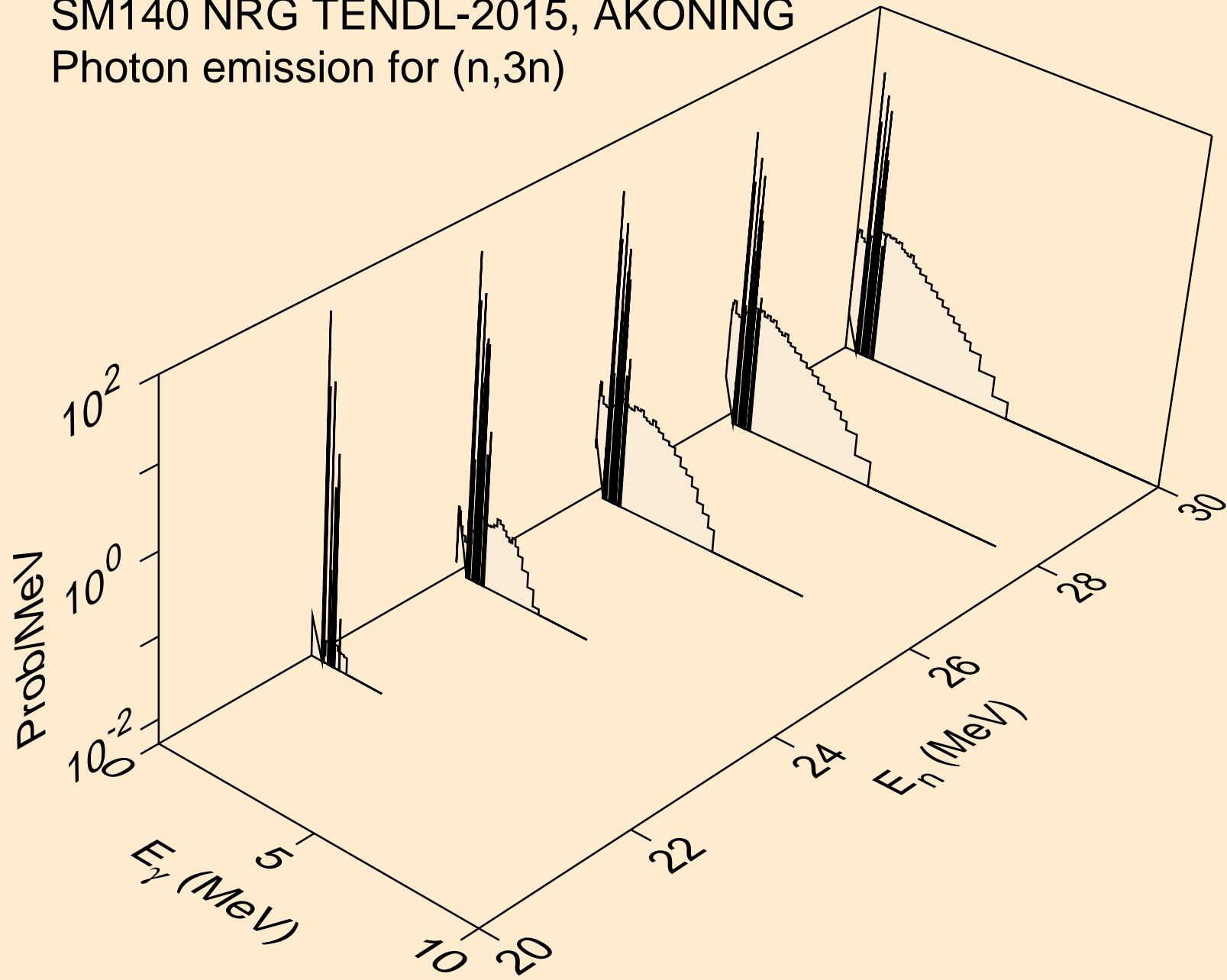
SM140 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



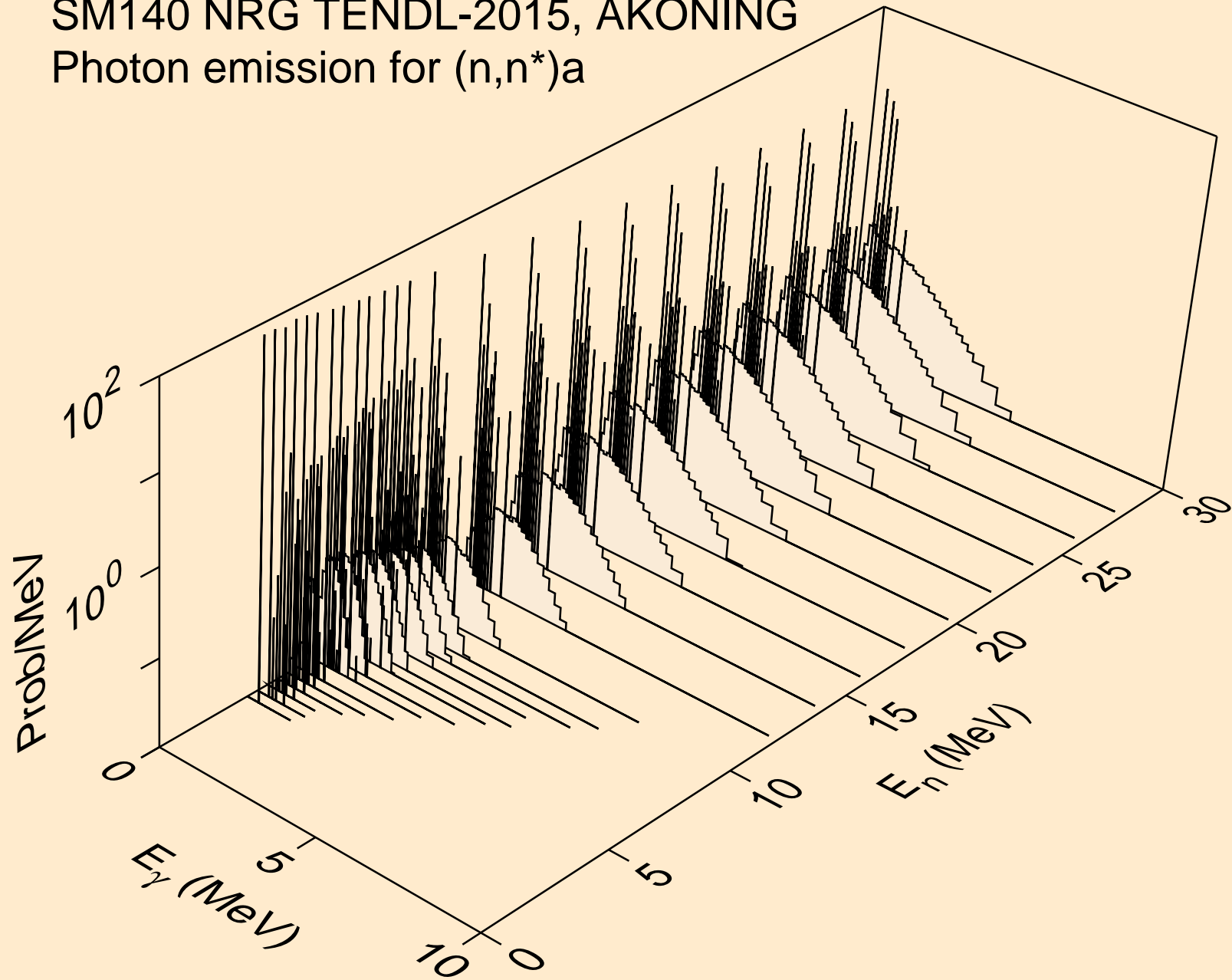
SM140 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



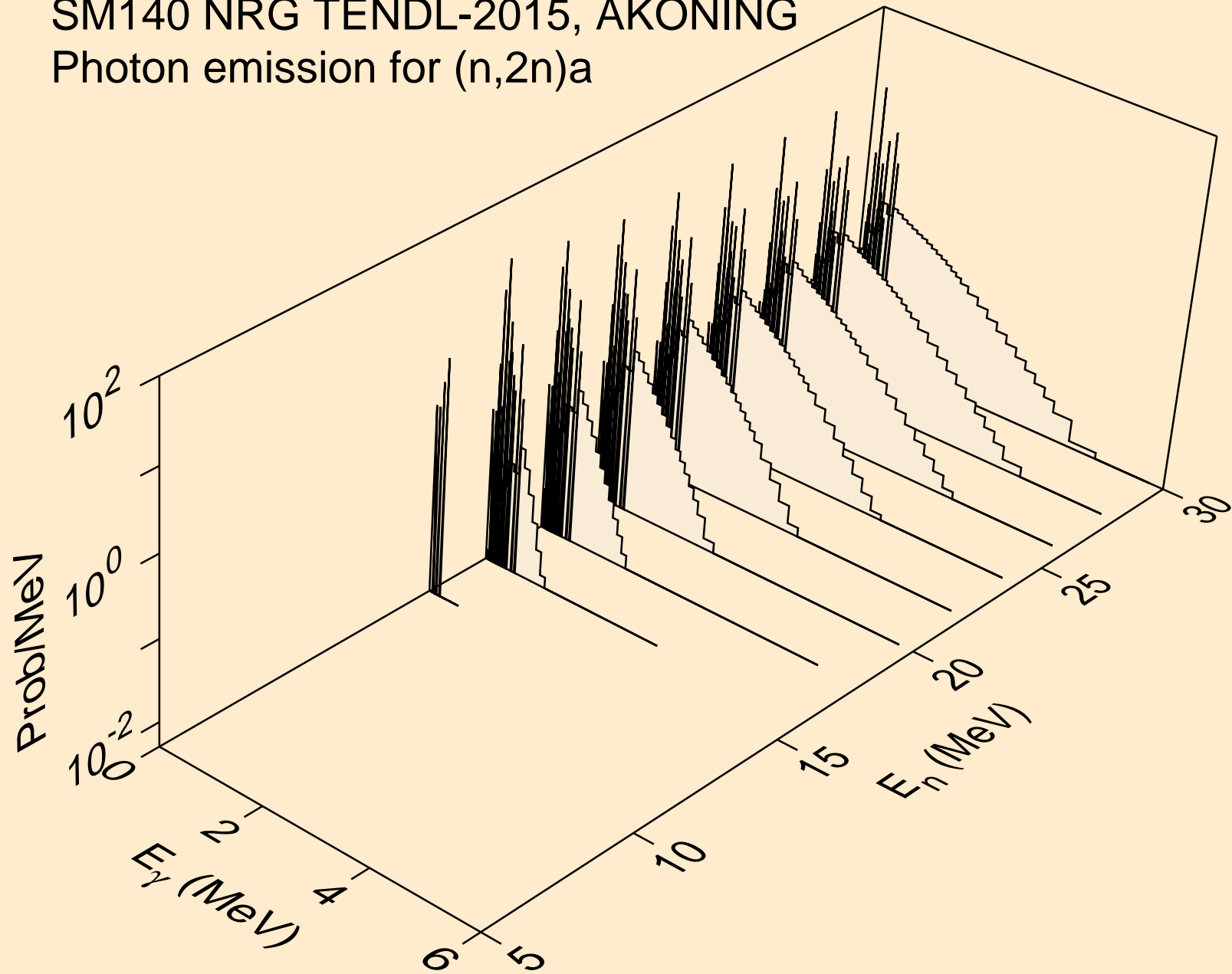
SM140 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



SM140 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

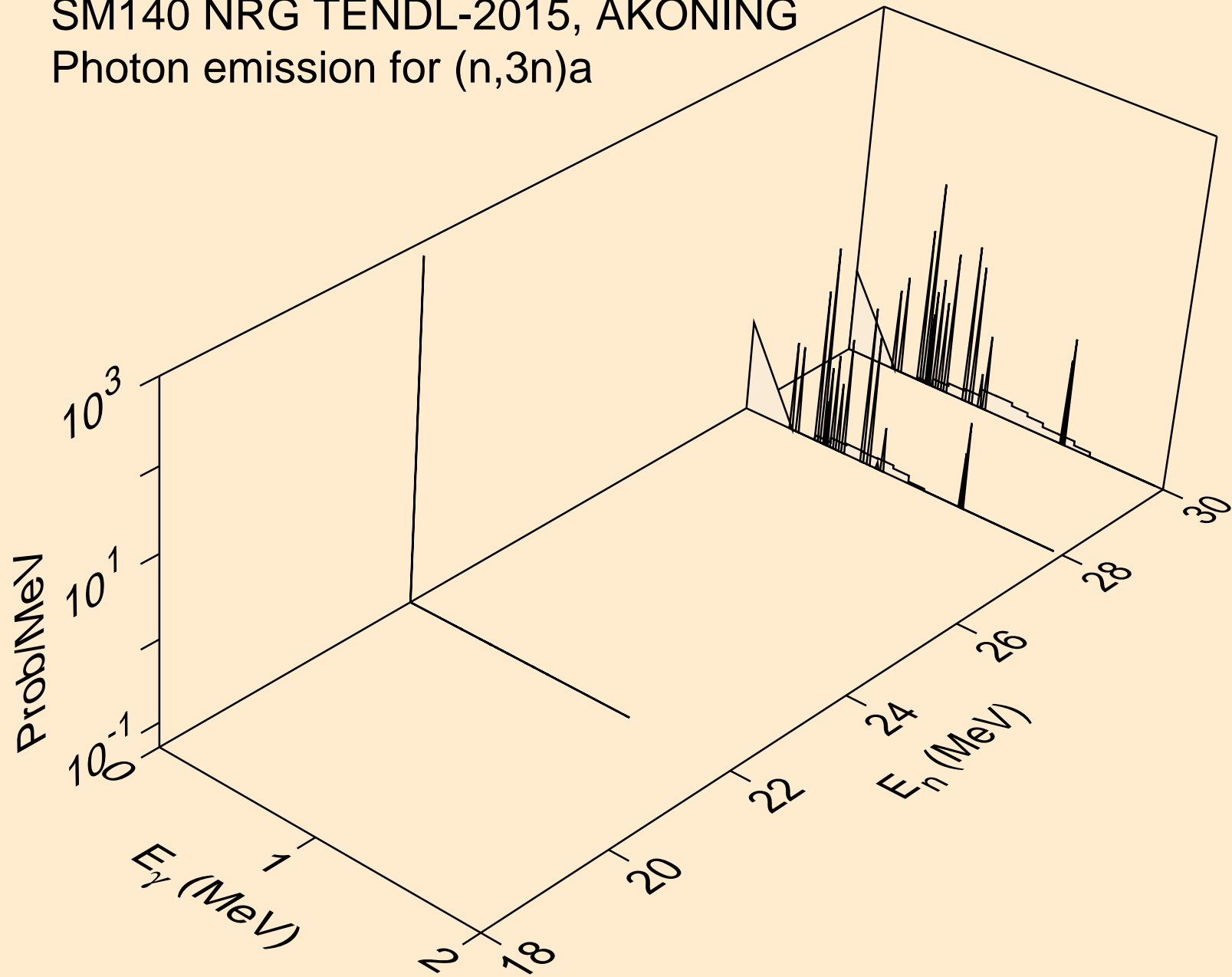


SM140 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

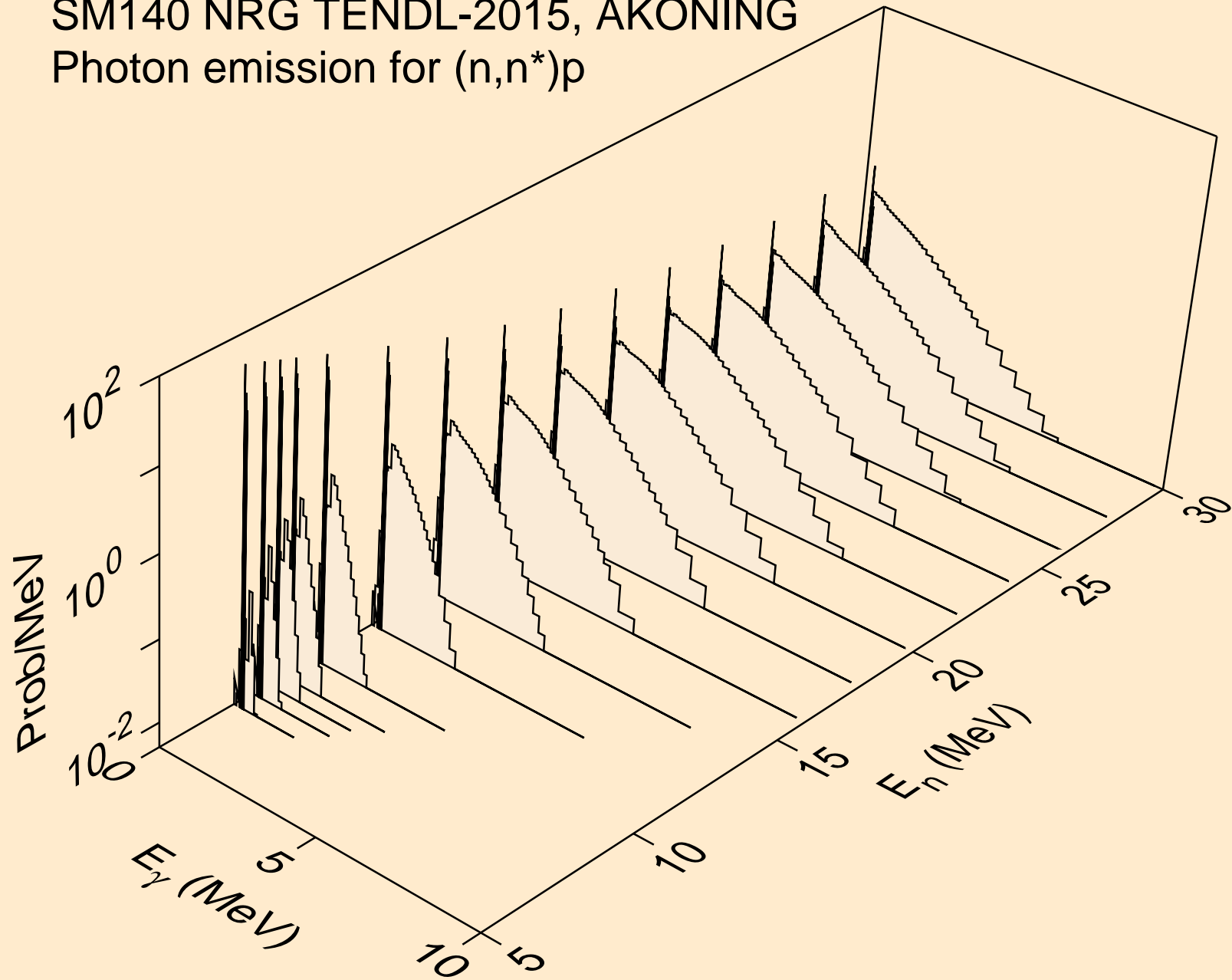




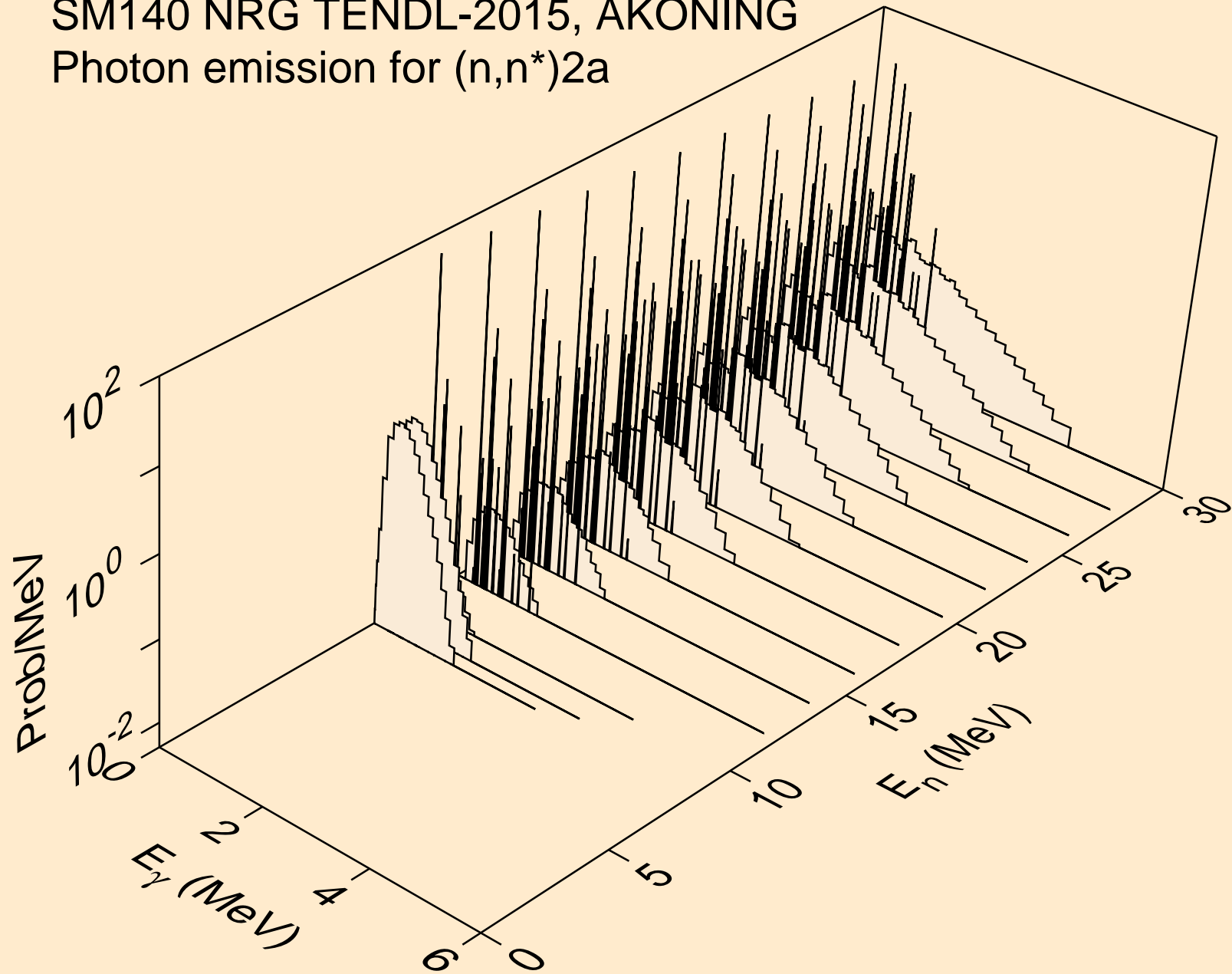
SM140 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



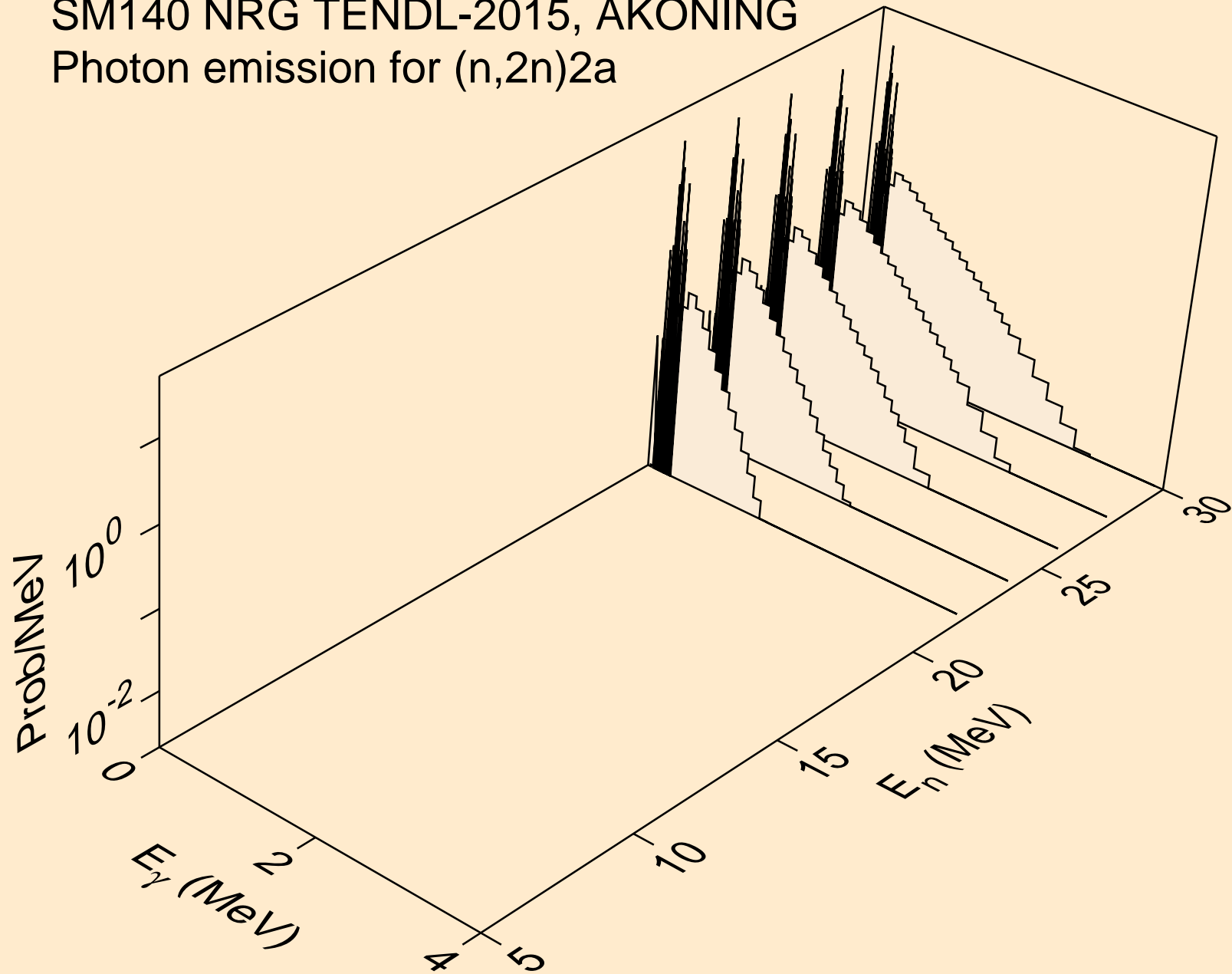
SM140 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



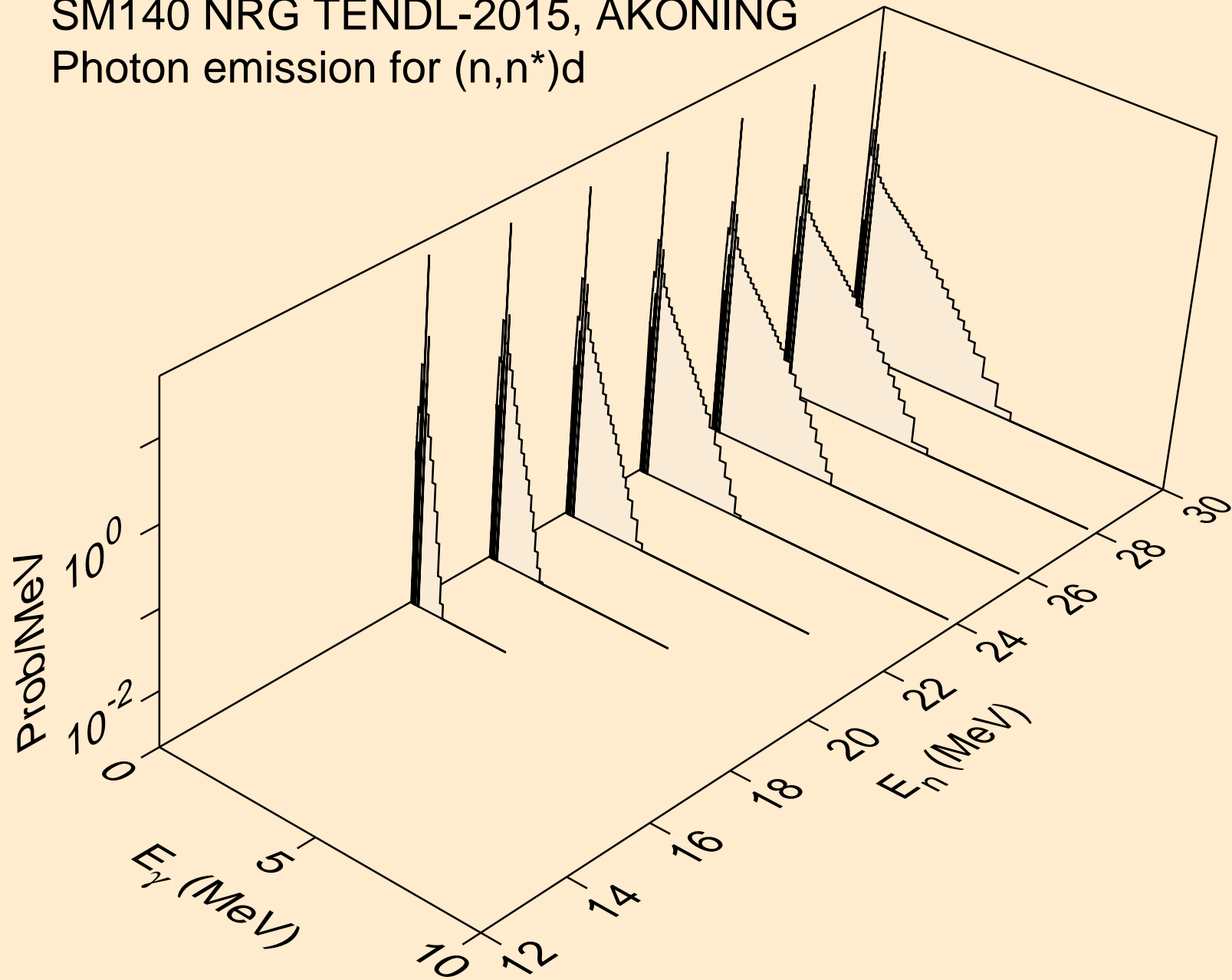
SM140 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



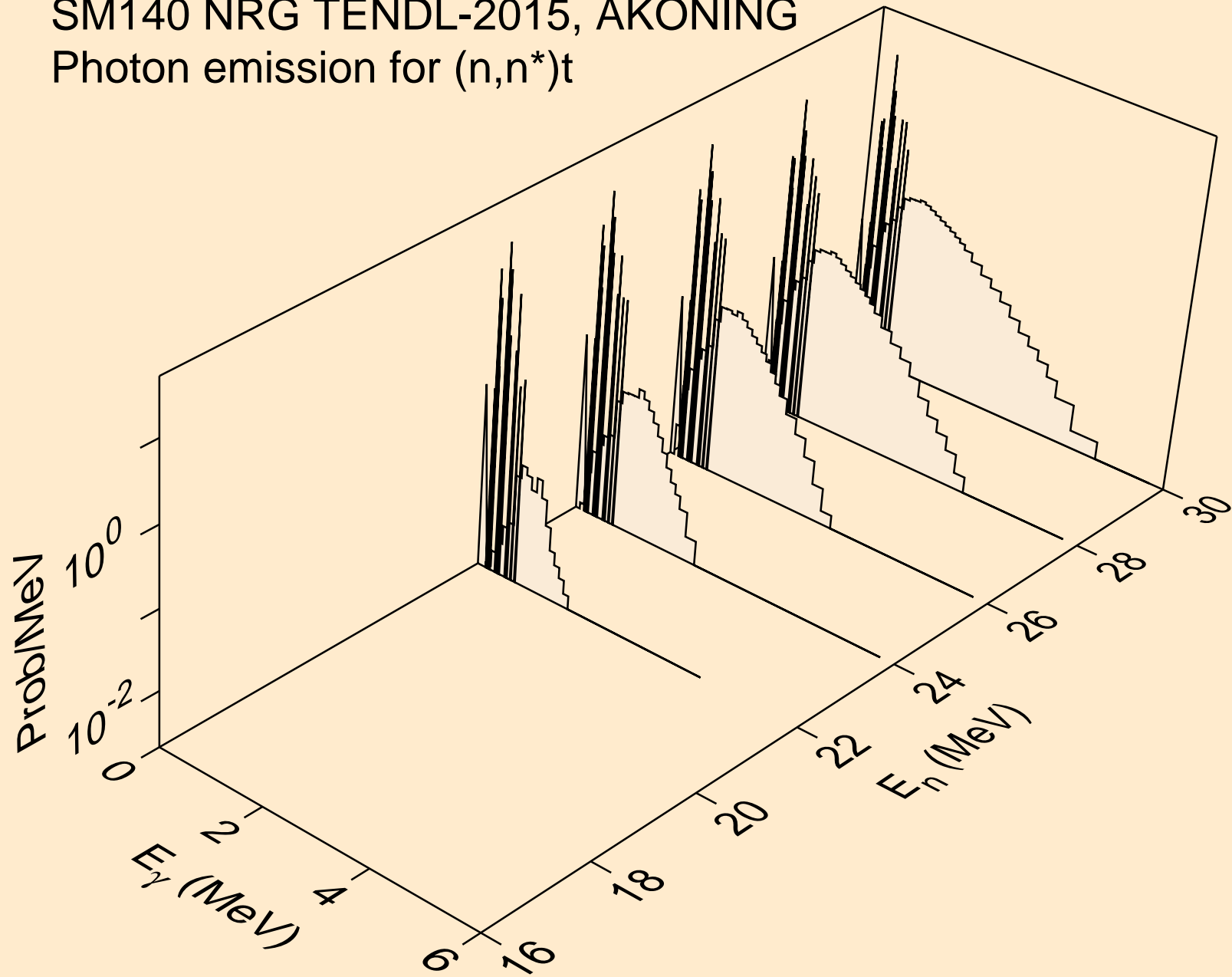
SM140 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



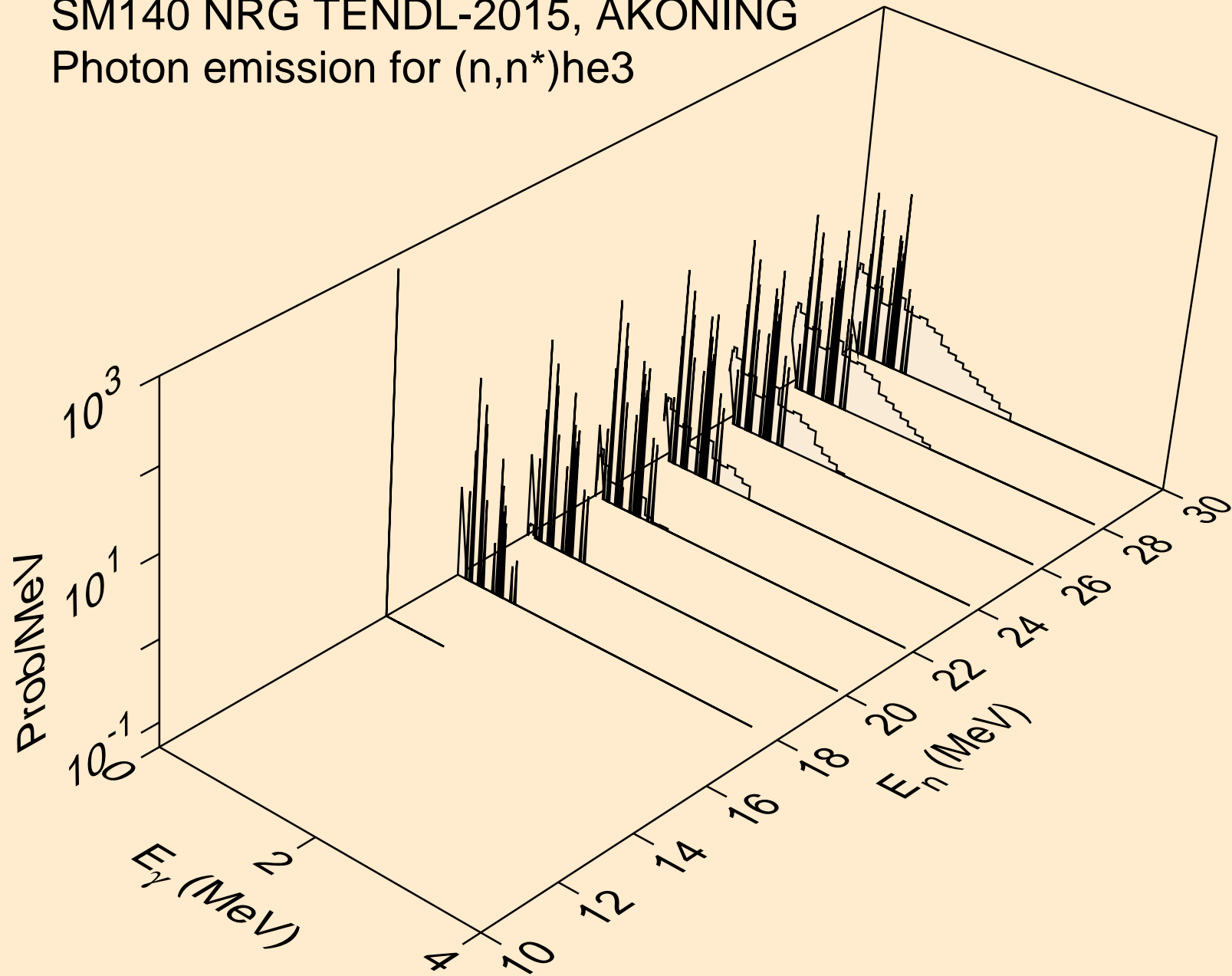
SM140 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



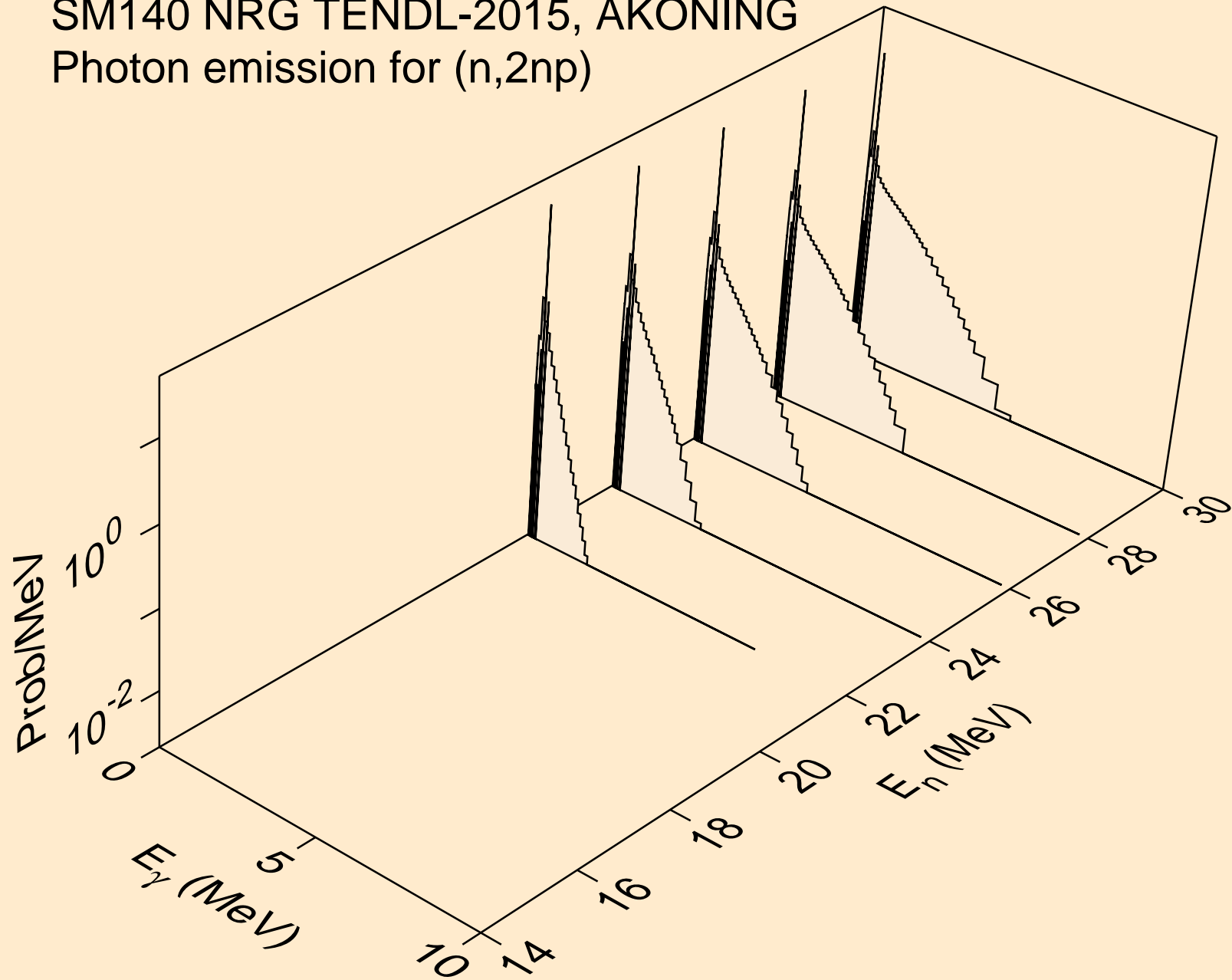
SM140 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



SM140 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

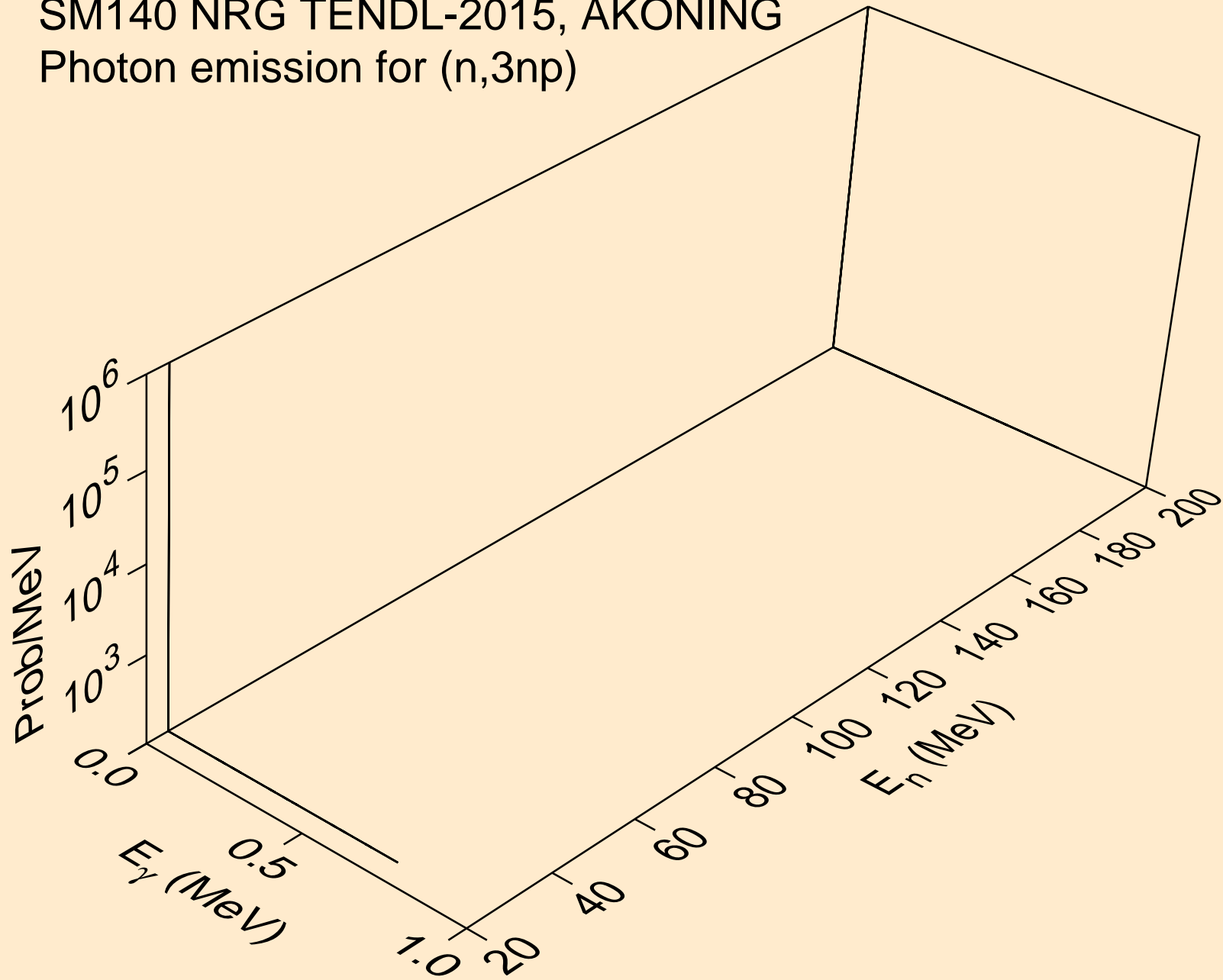


SM140 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

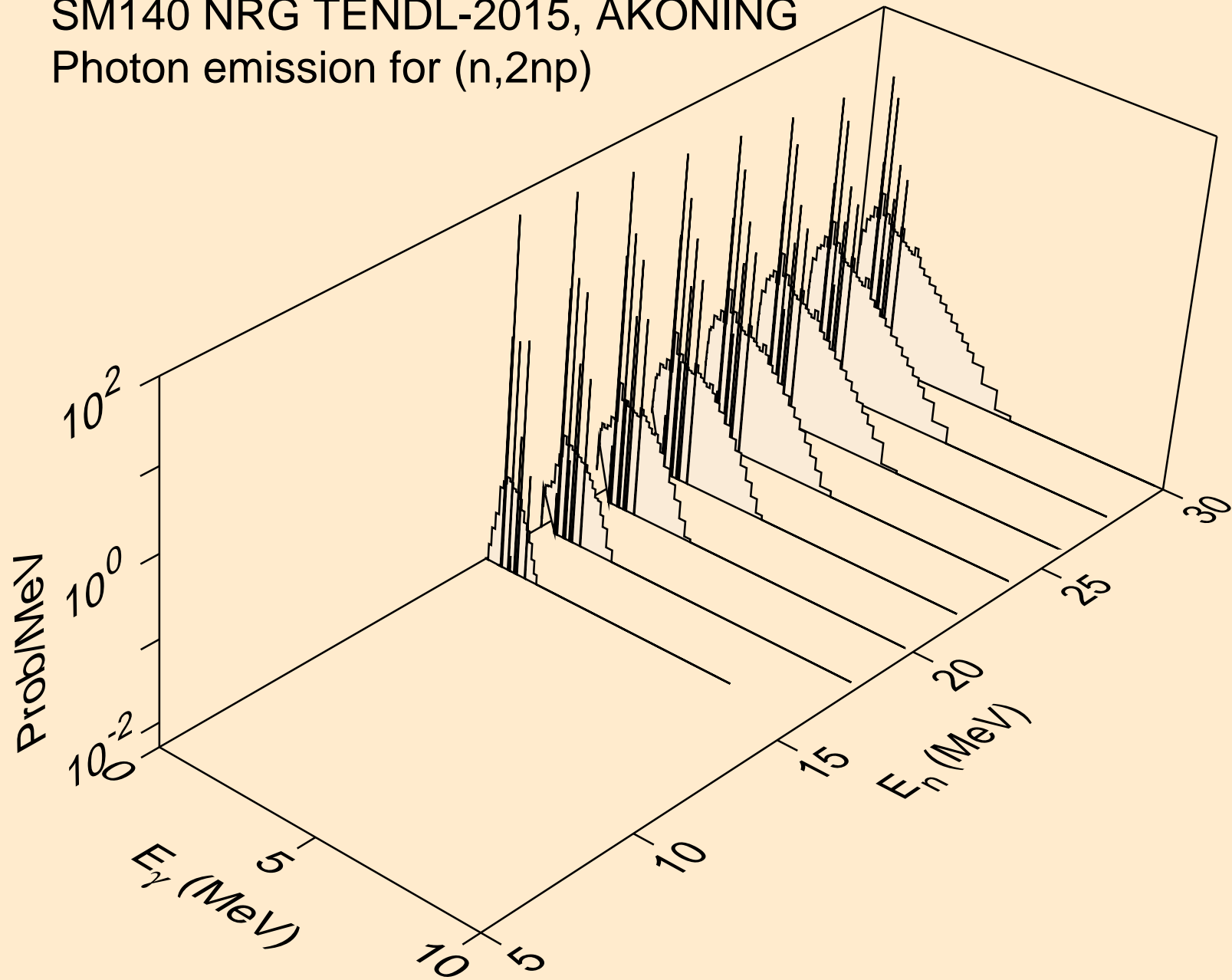




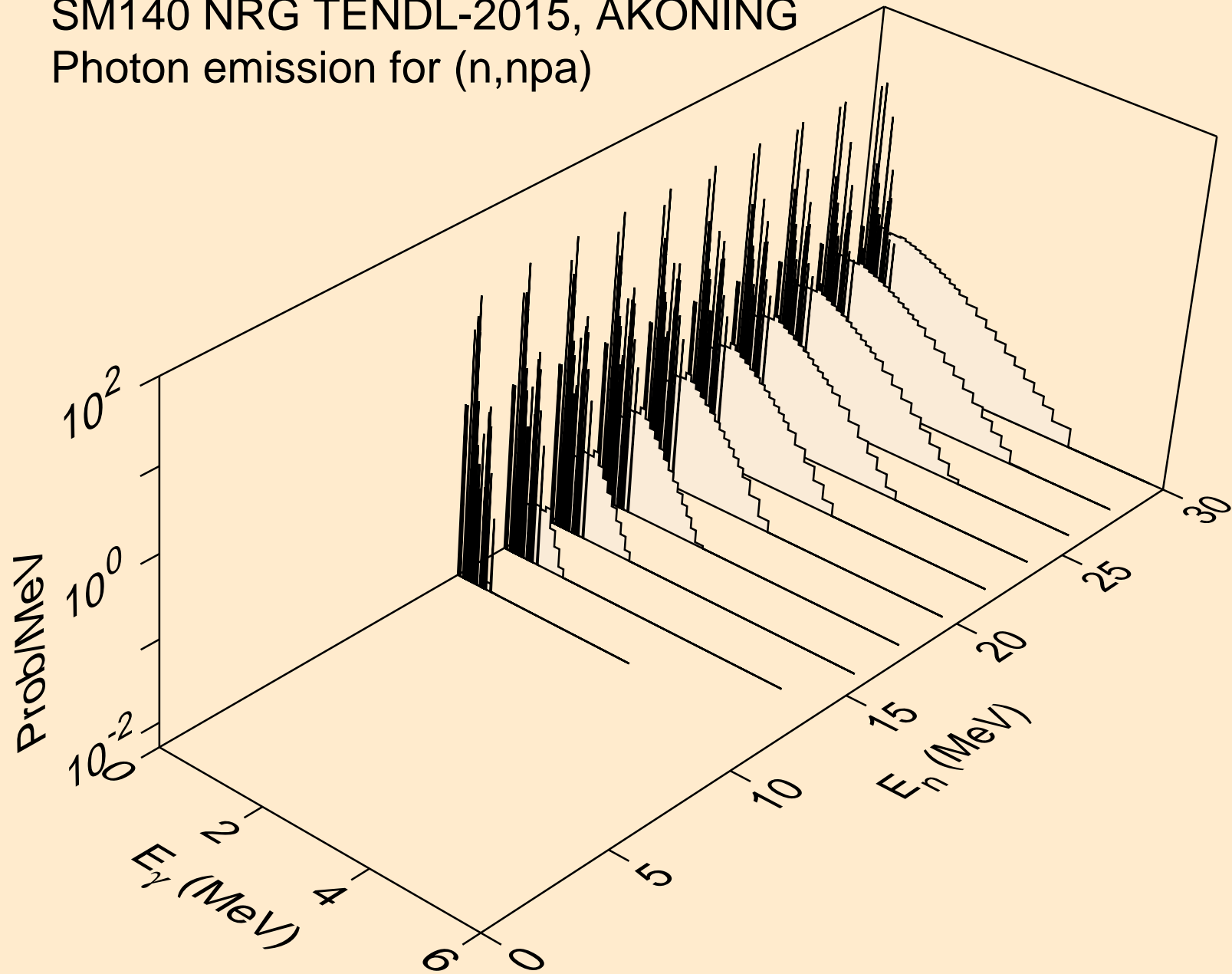
SM140 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



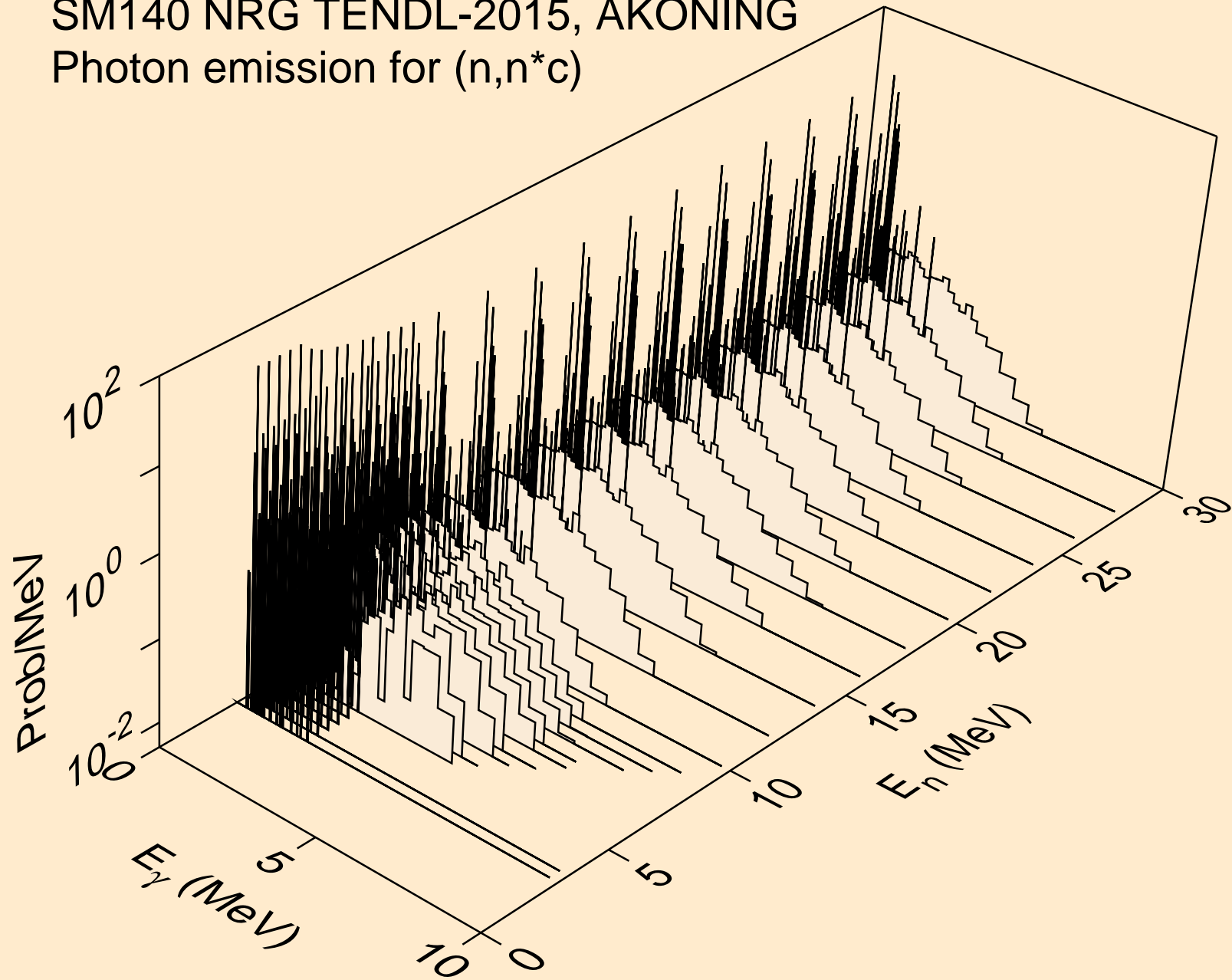
SM140 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



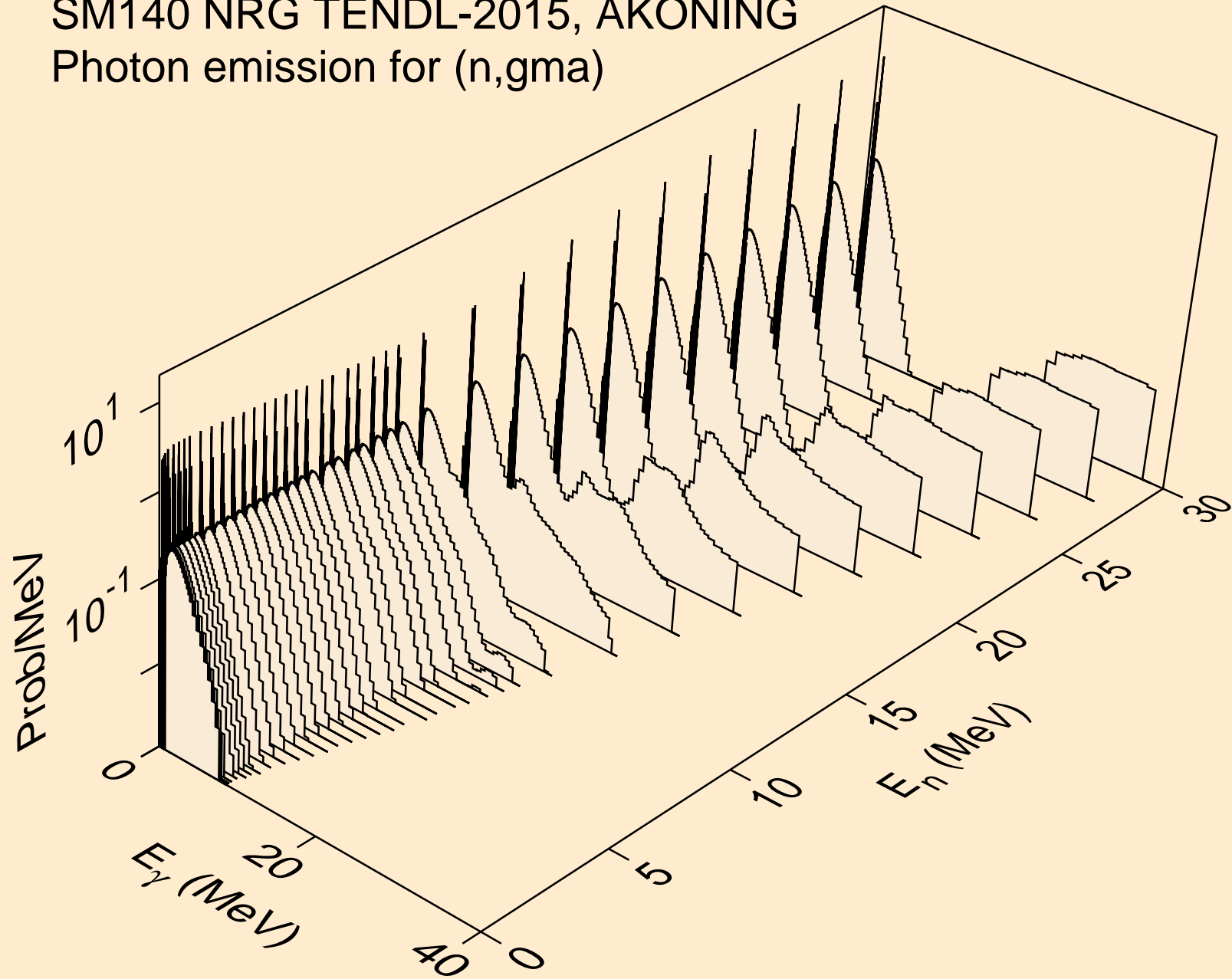
SM140 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



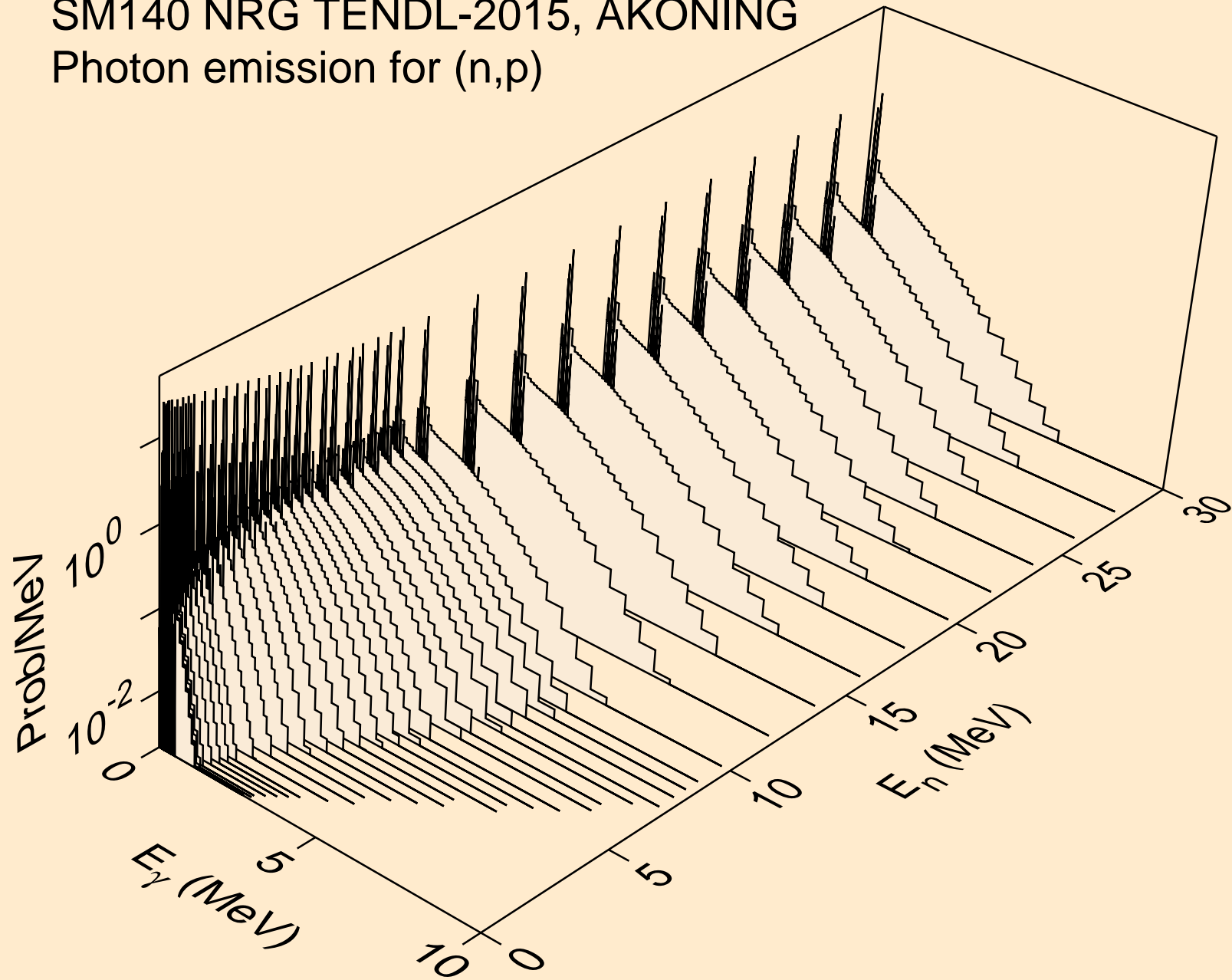
SM140 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



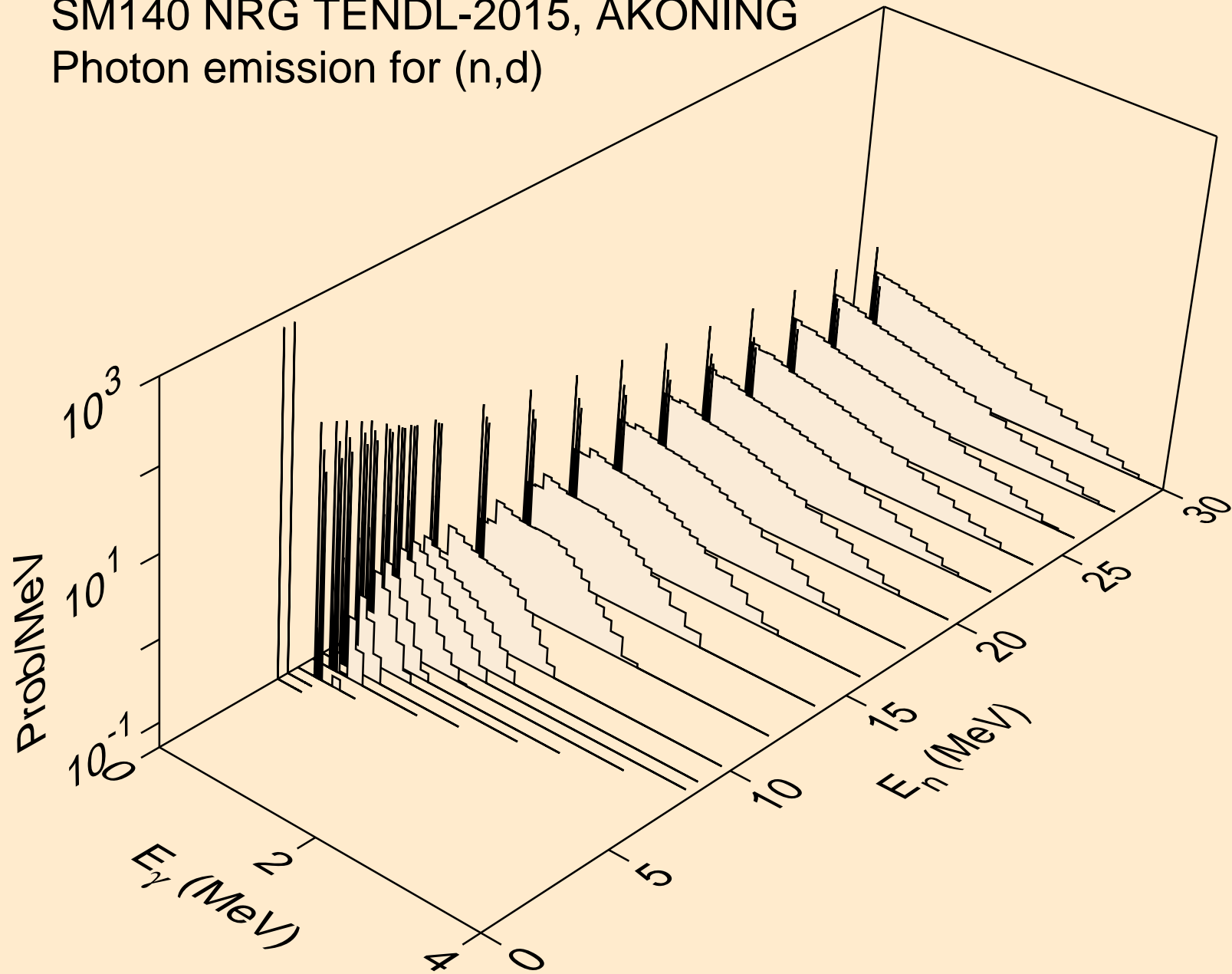
SM140 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



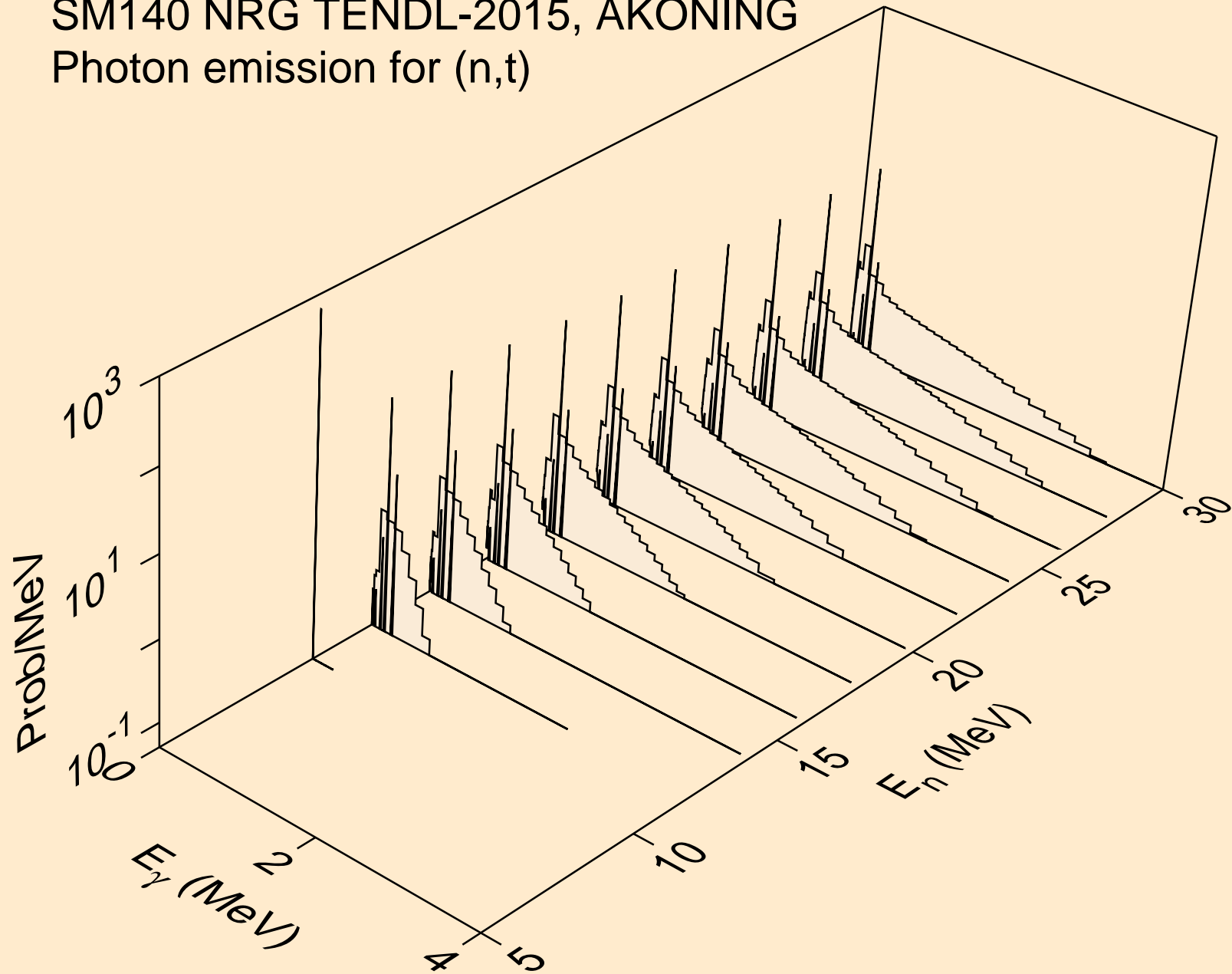
SM140 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



SM140 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

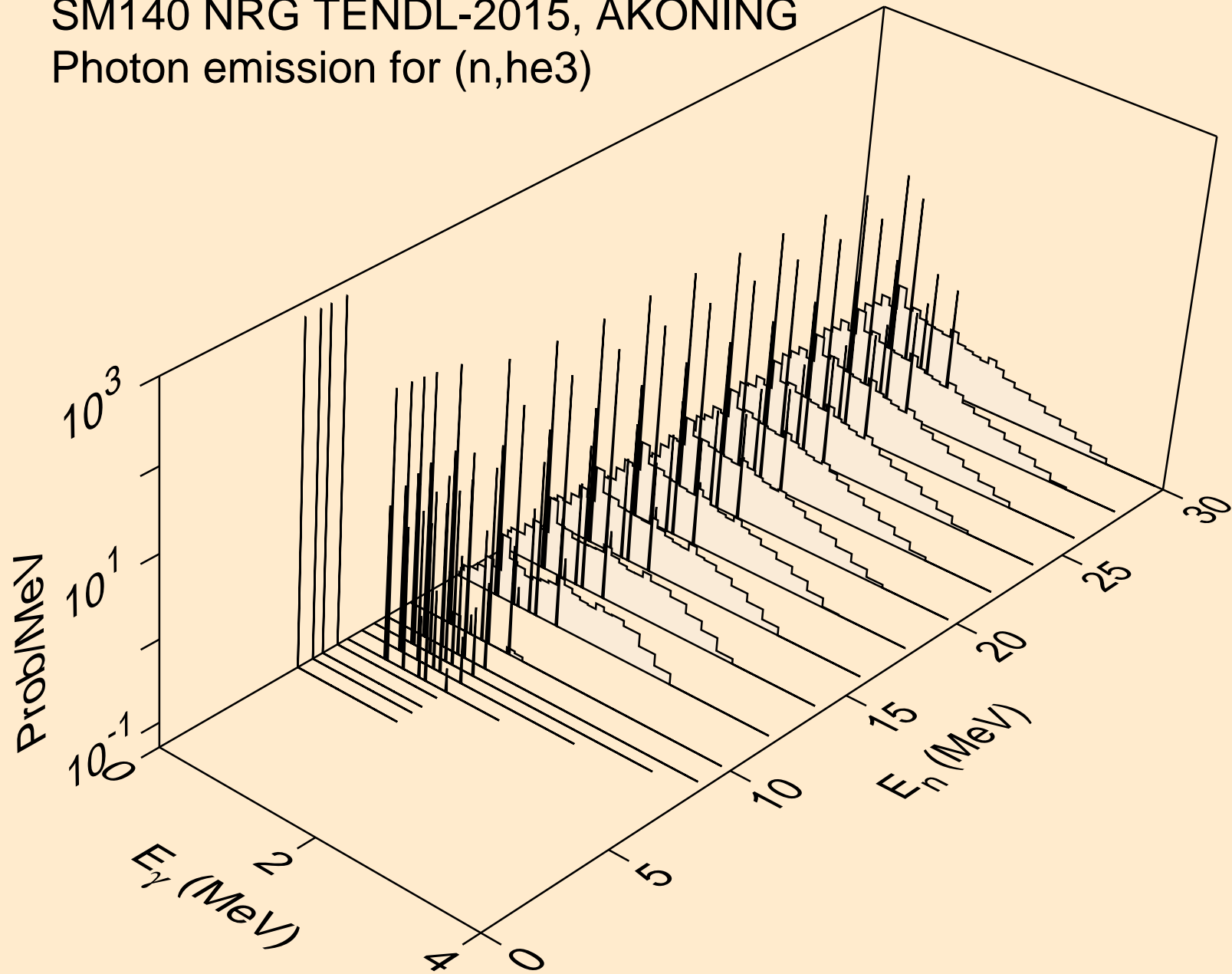


SM140 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

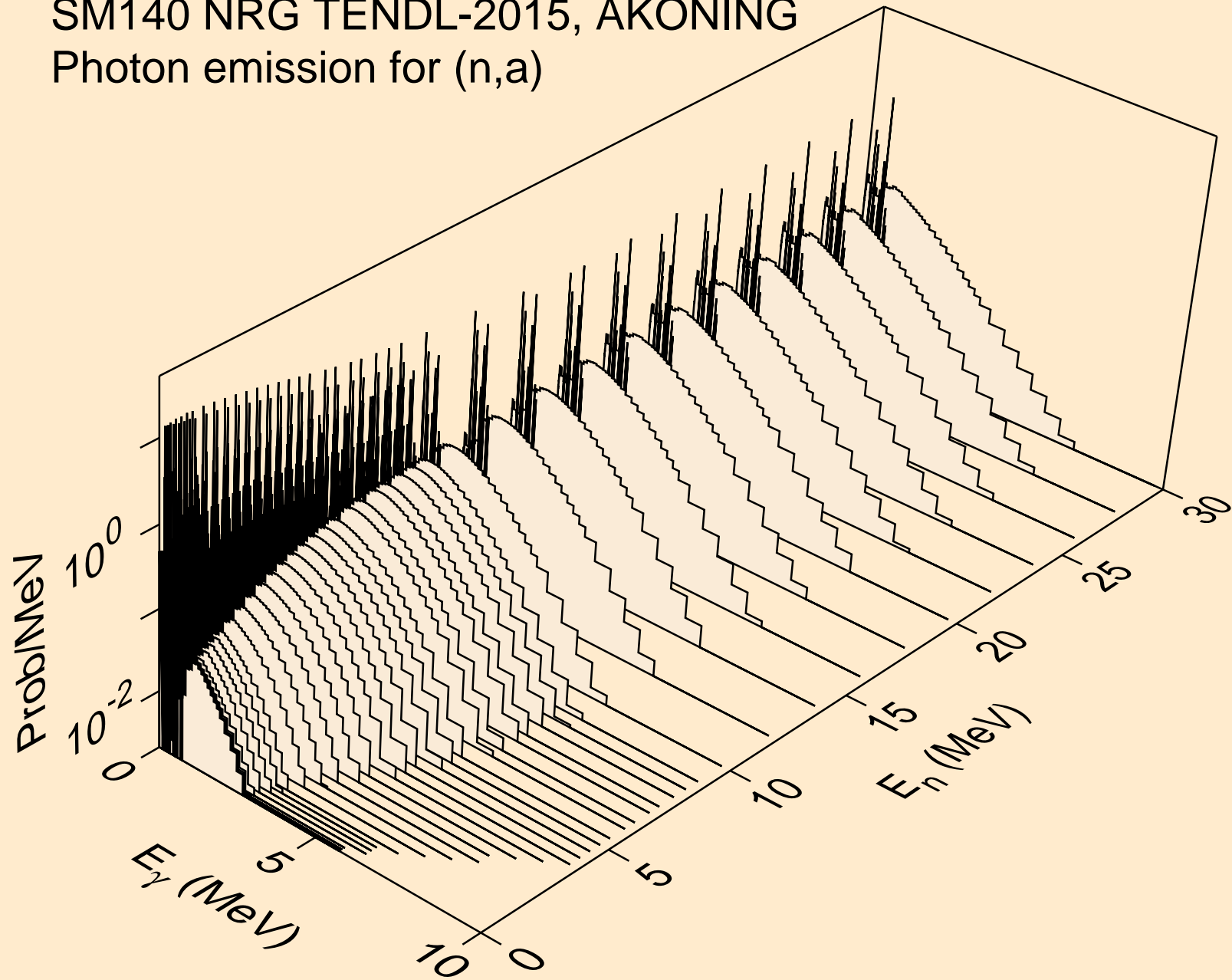




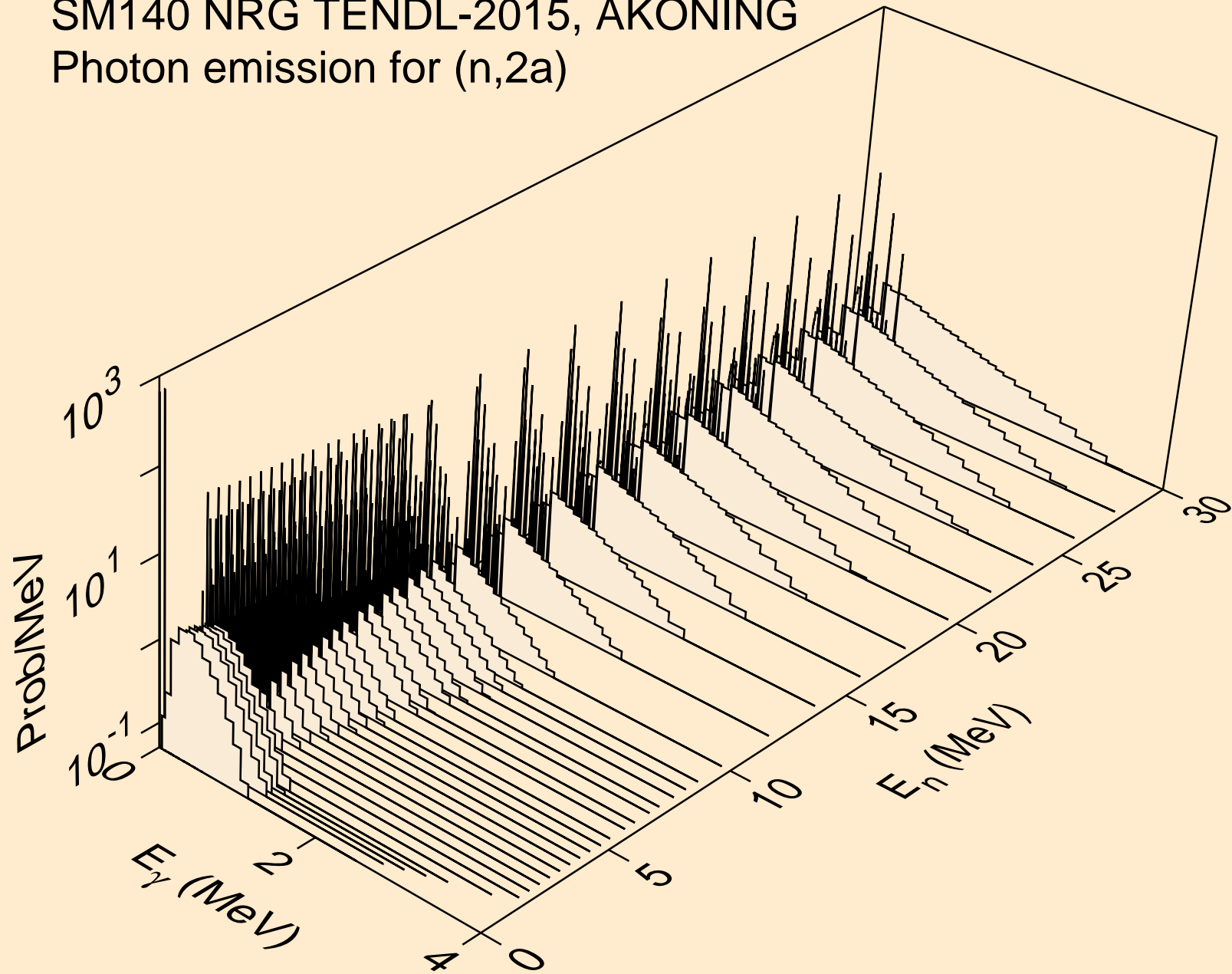
SM140 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



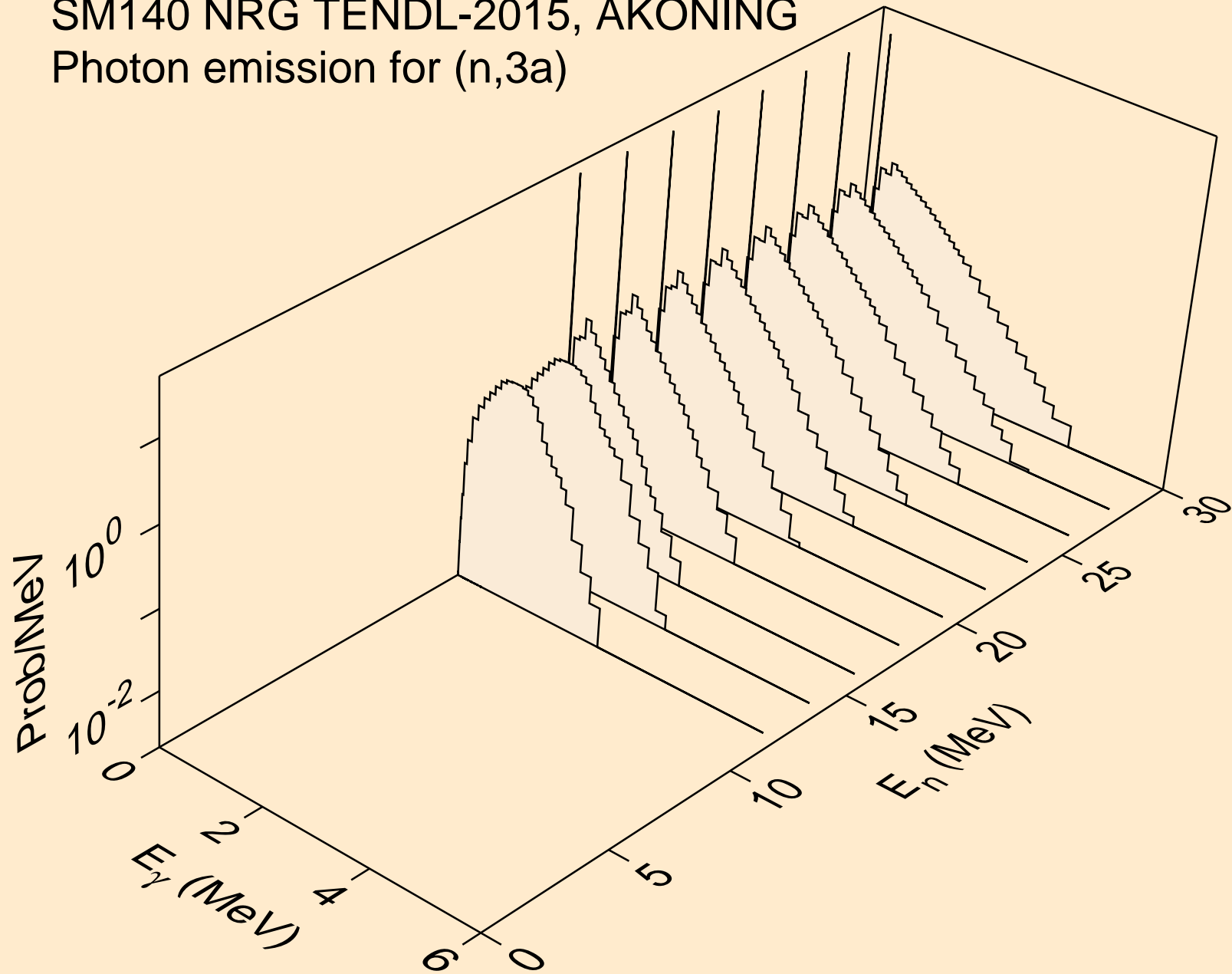
SM140 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



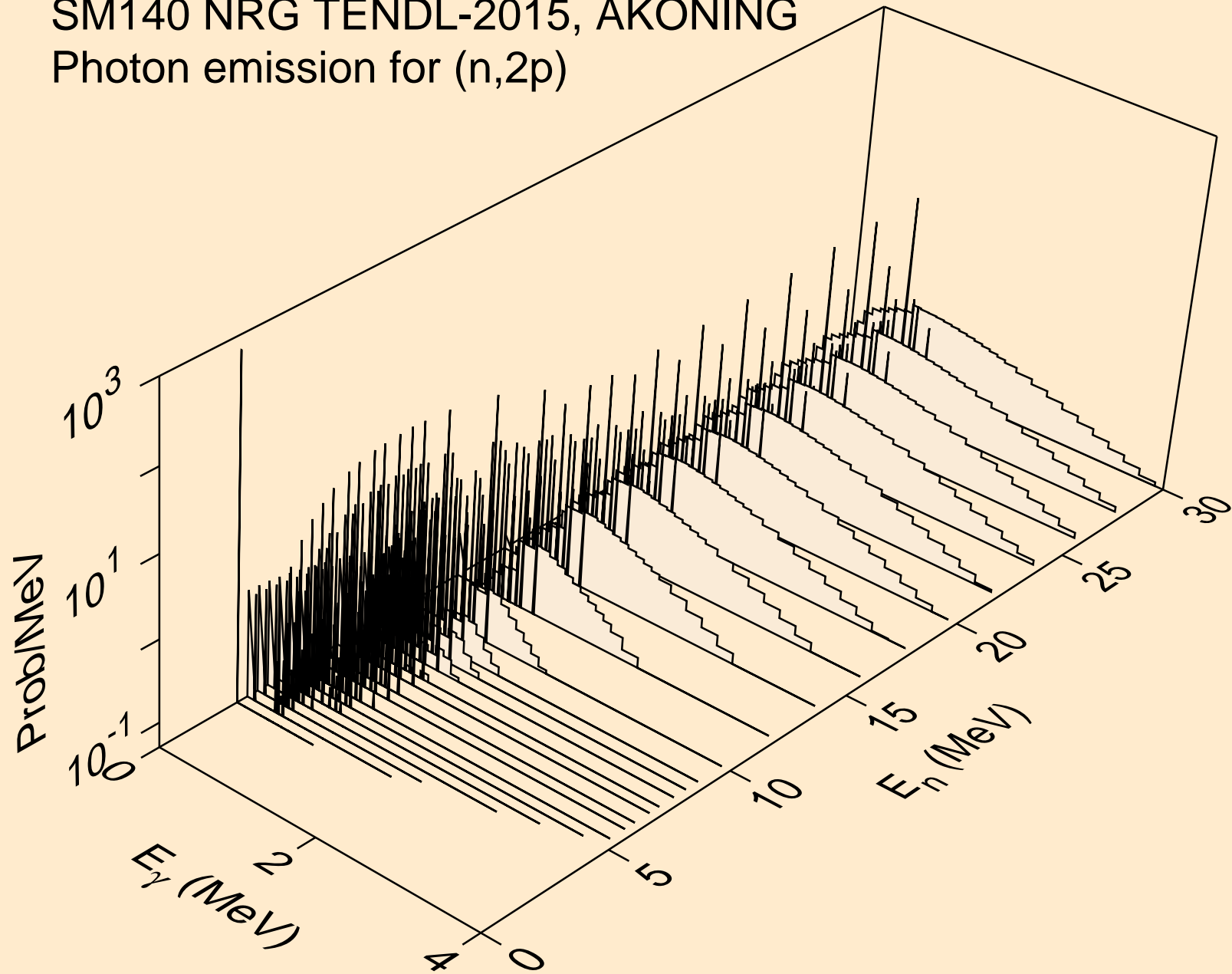
SM140 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



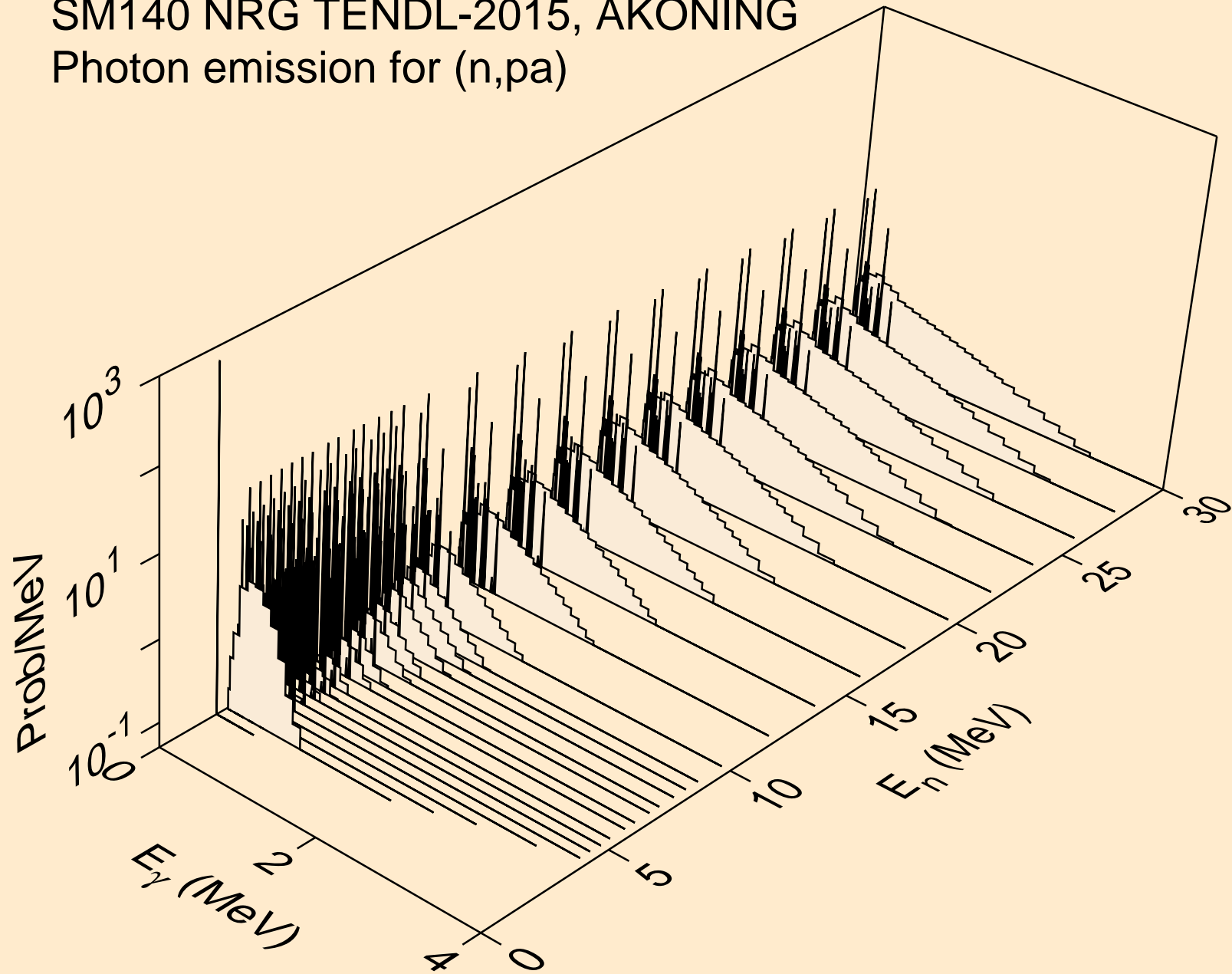
SM140 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



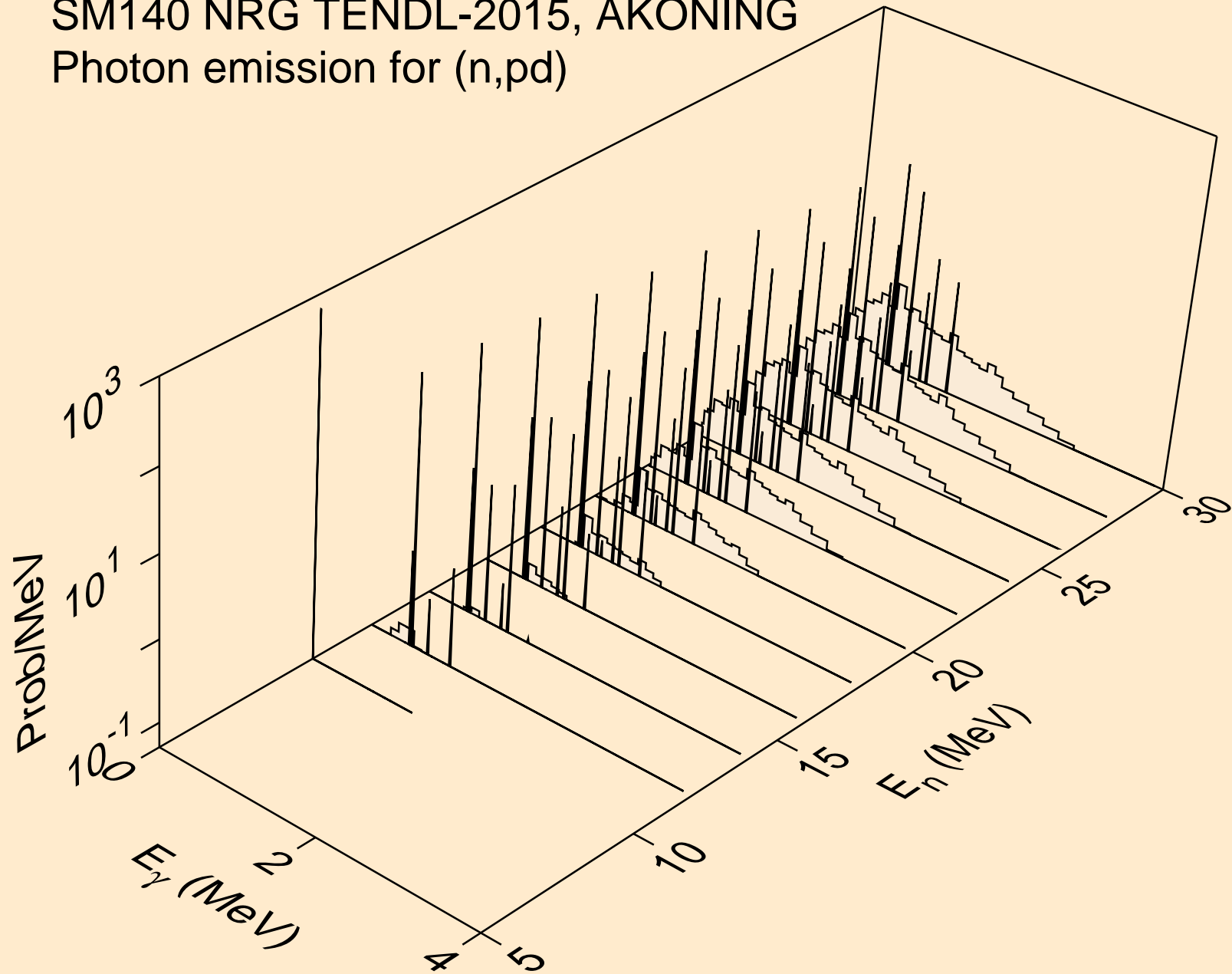
SM140 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



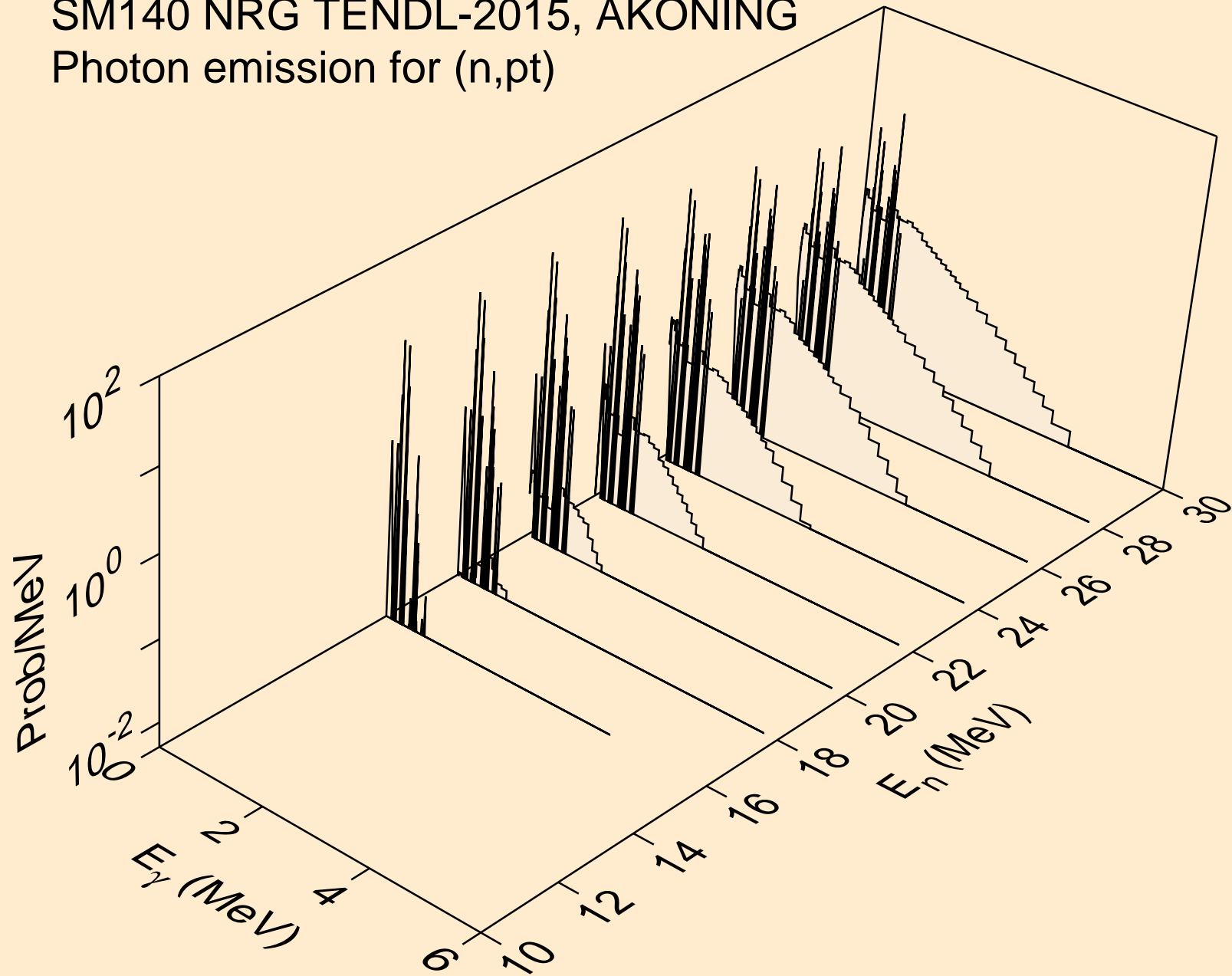
SM140 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



SM140 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

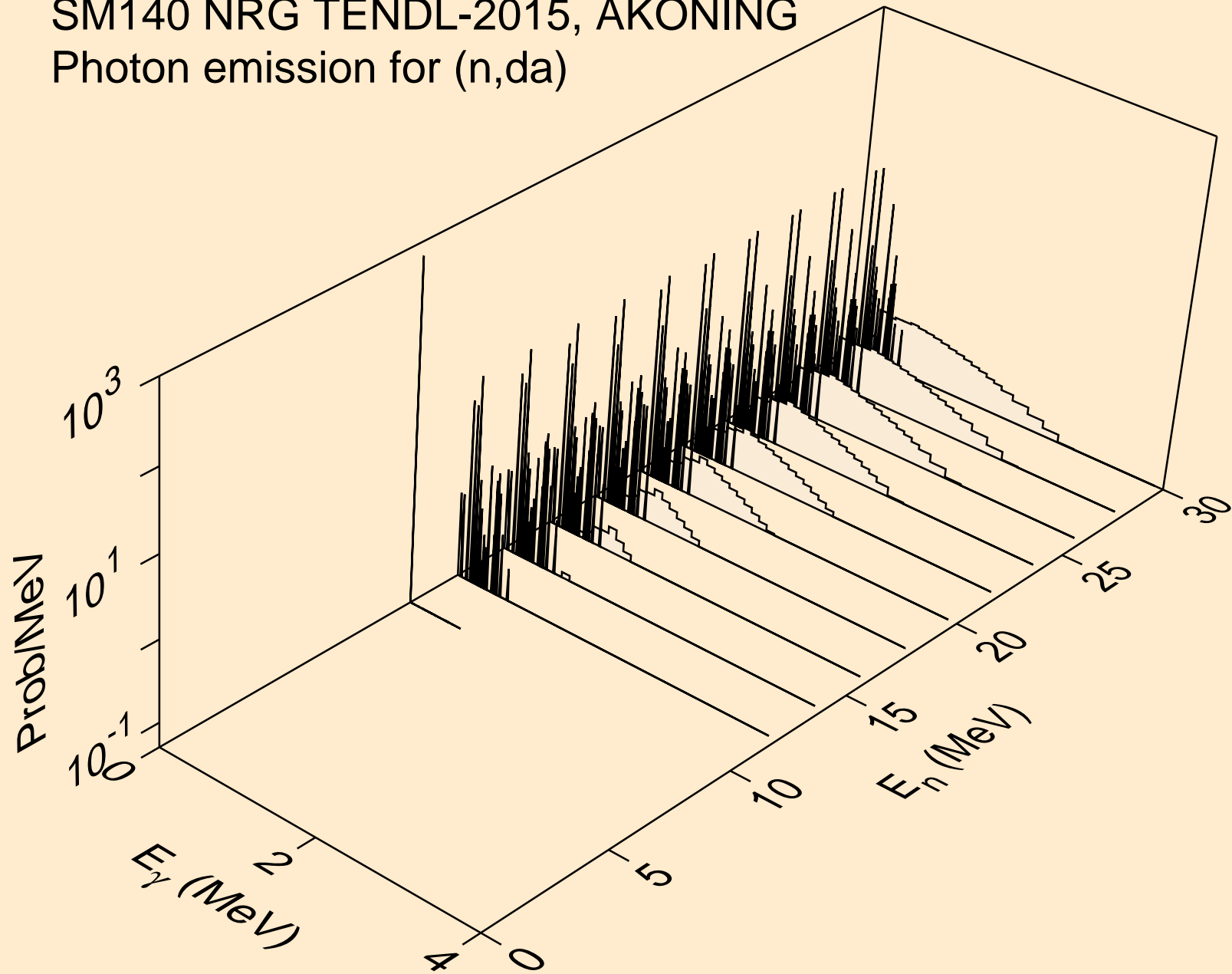


SM140 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)

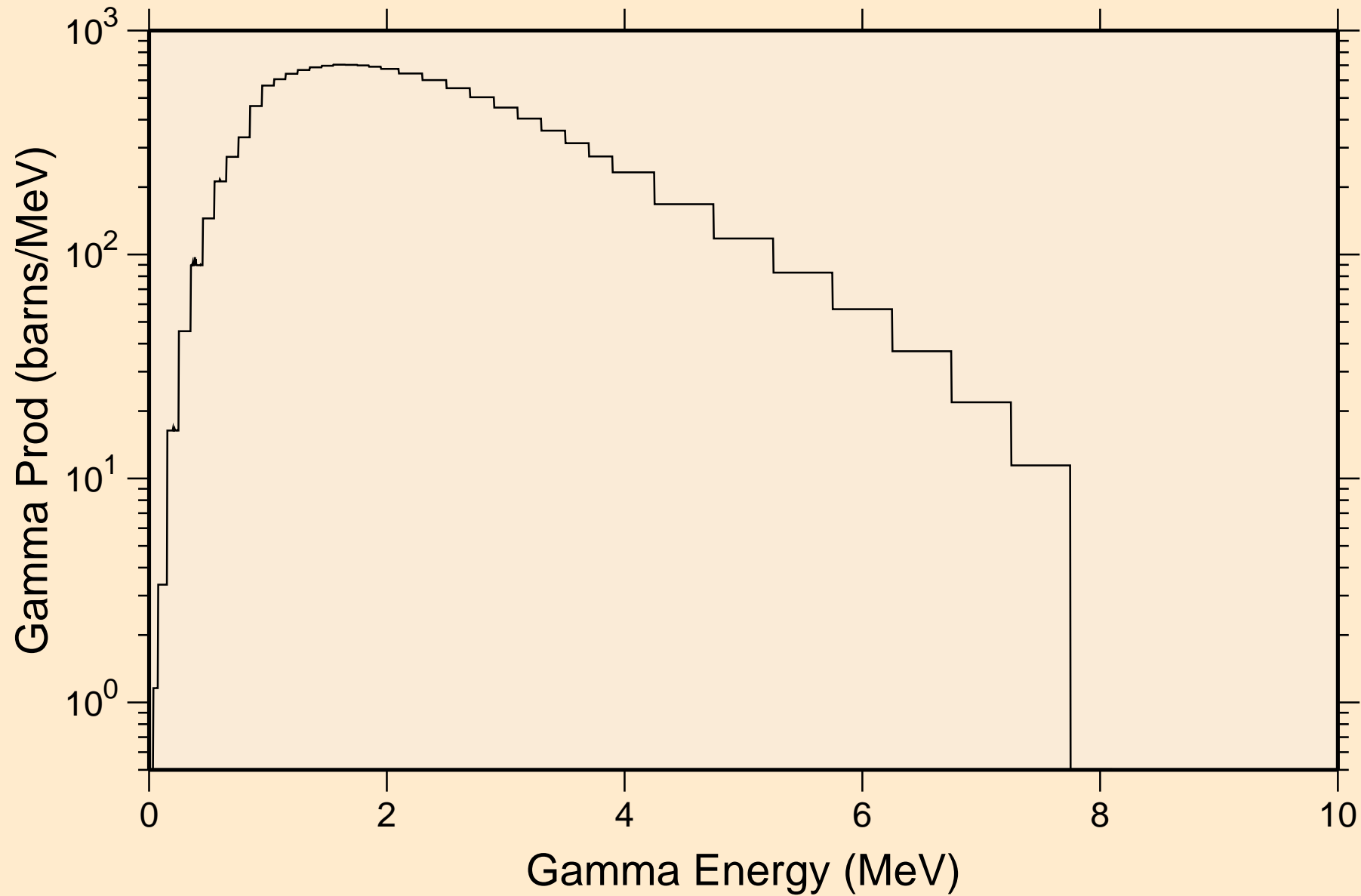




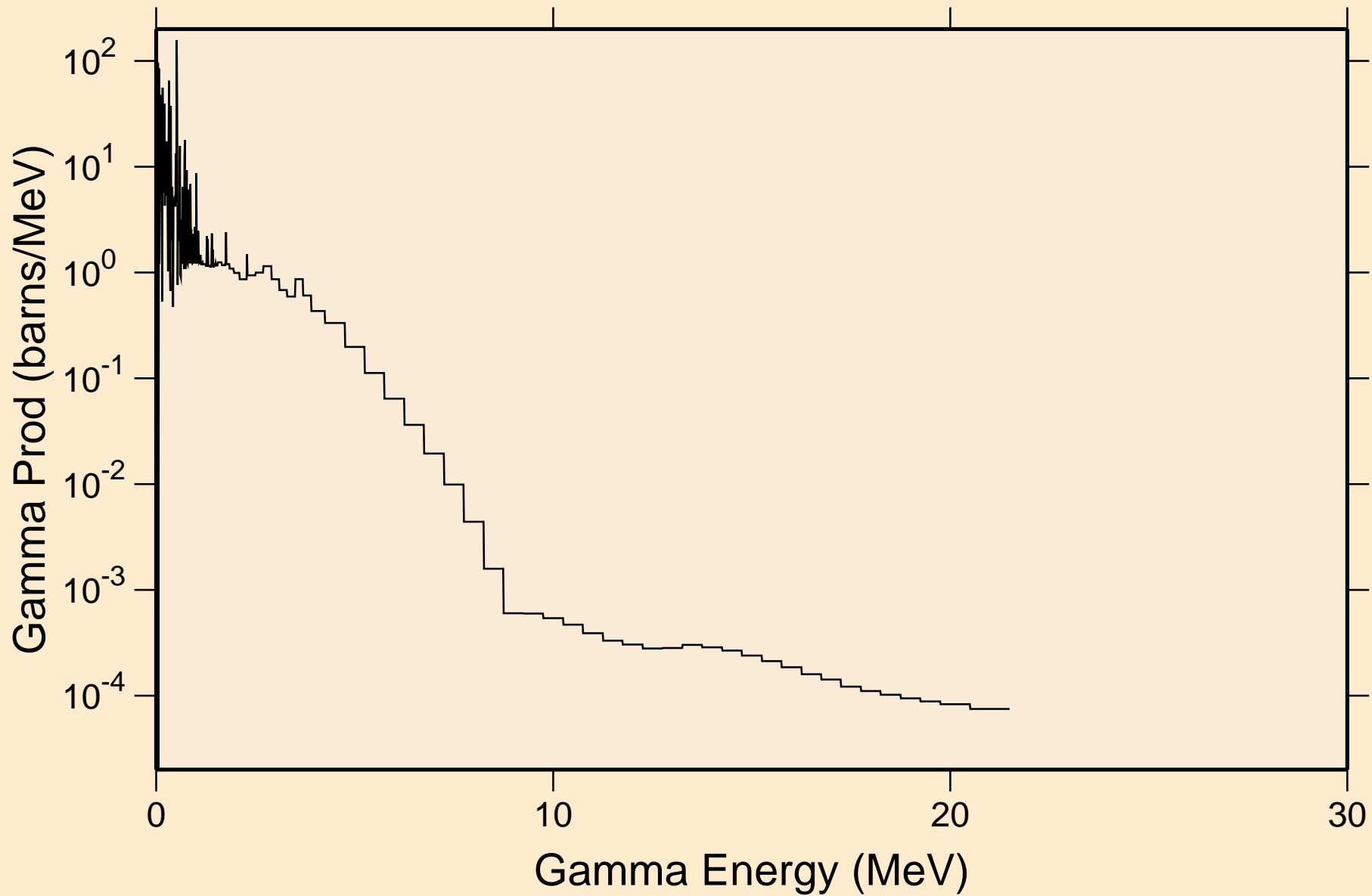
SM140 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



SM140 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

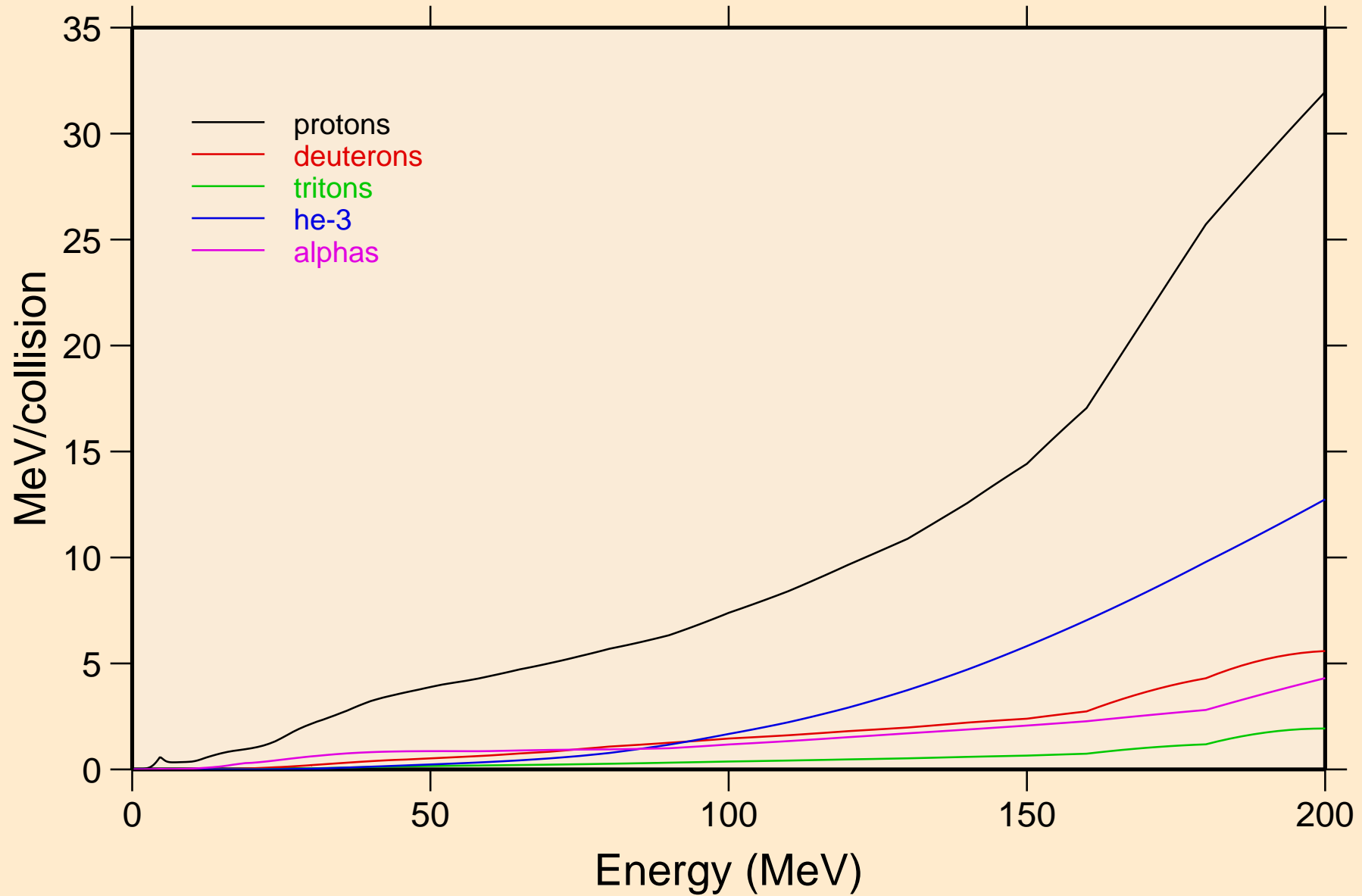


SM140 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



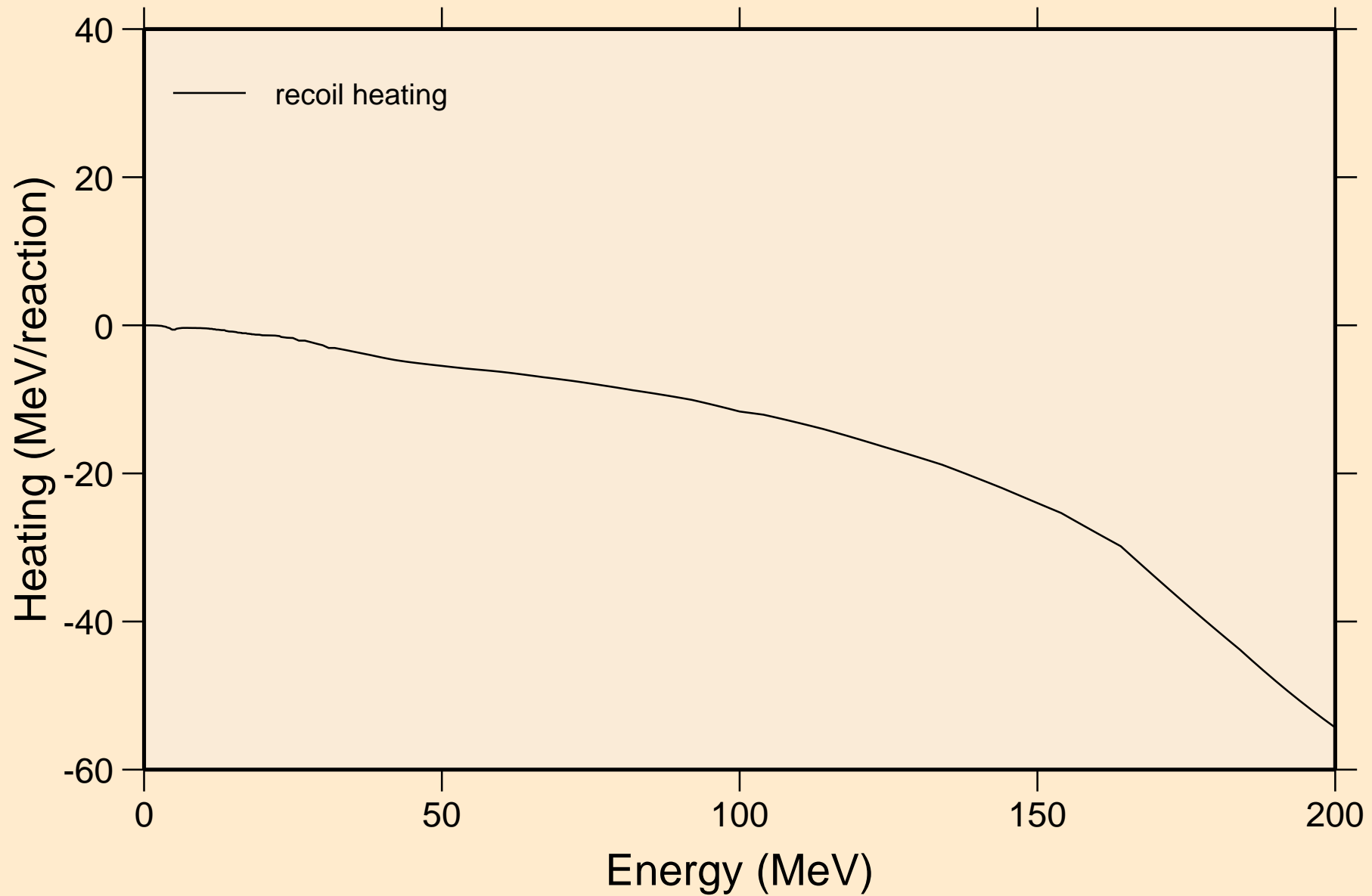
# SM140 NRG TENDL-2015, AKONING

## Particle heating contributions



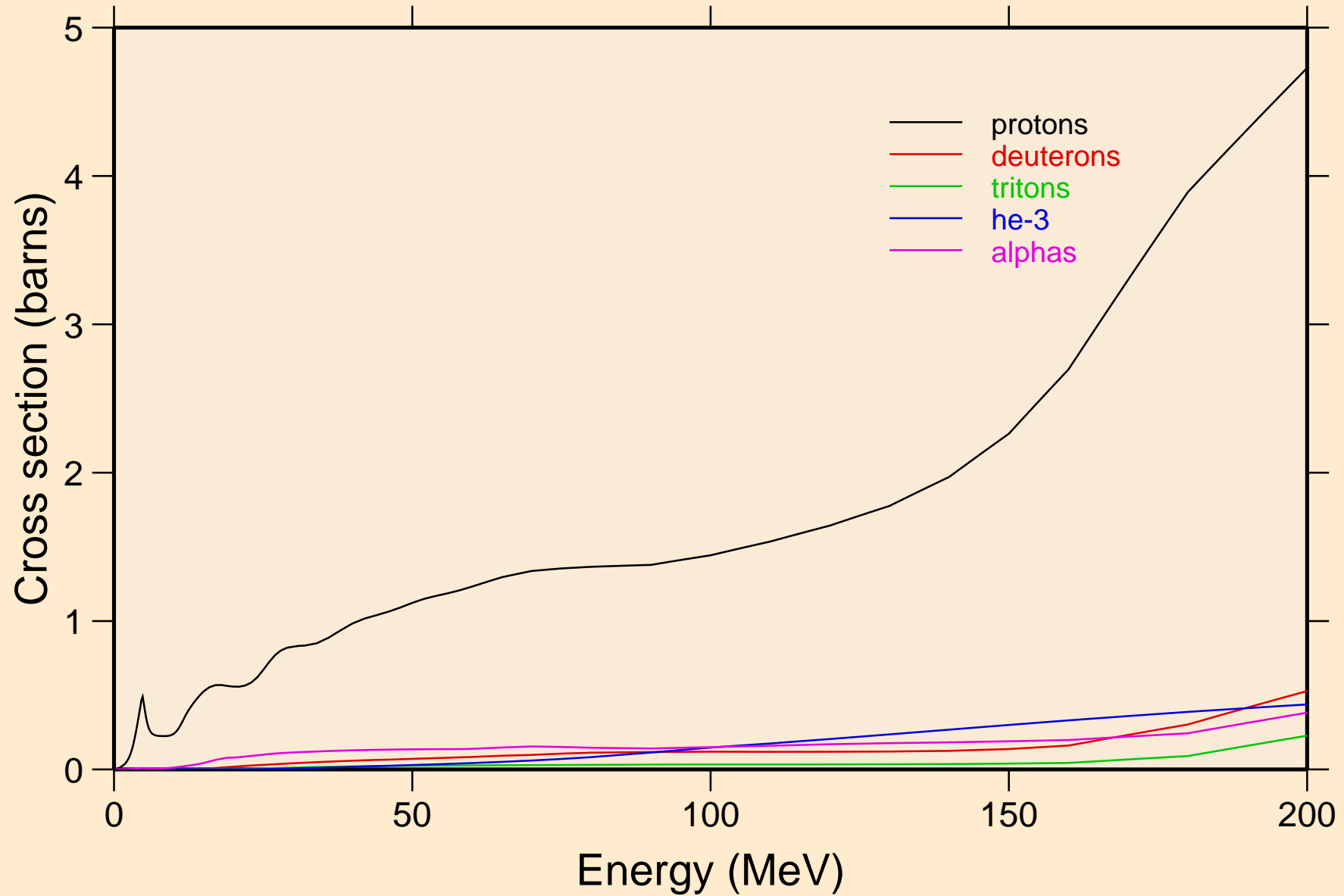
# SM140 NRG TENDL-2015, AKONING

## Recoil Heating

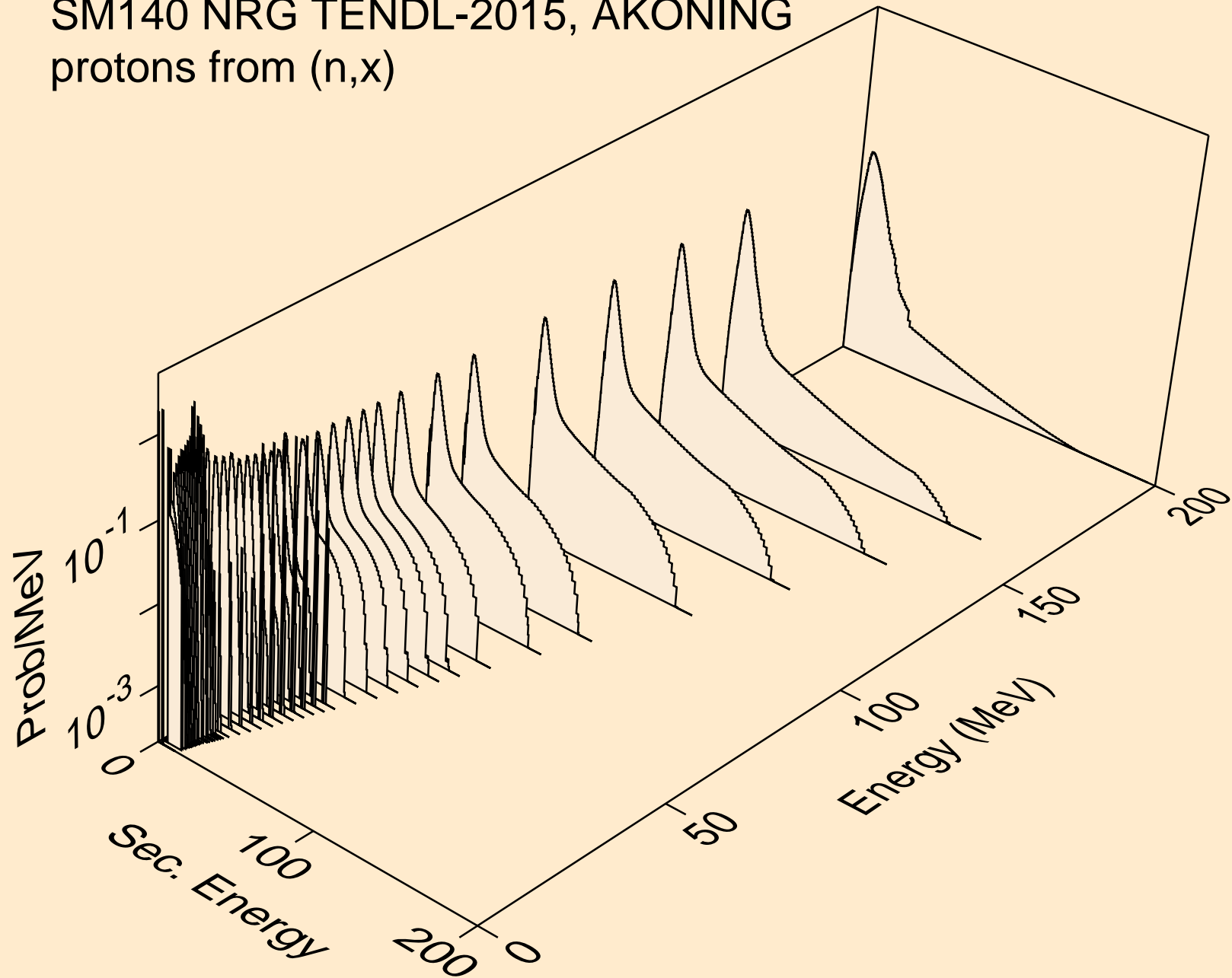


# SM140 NRG TENDL-2015, AKONING

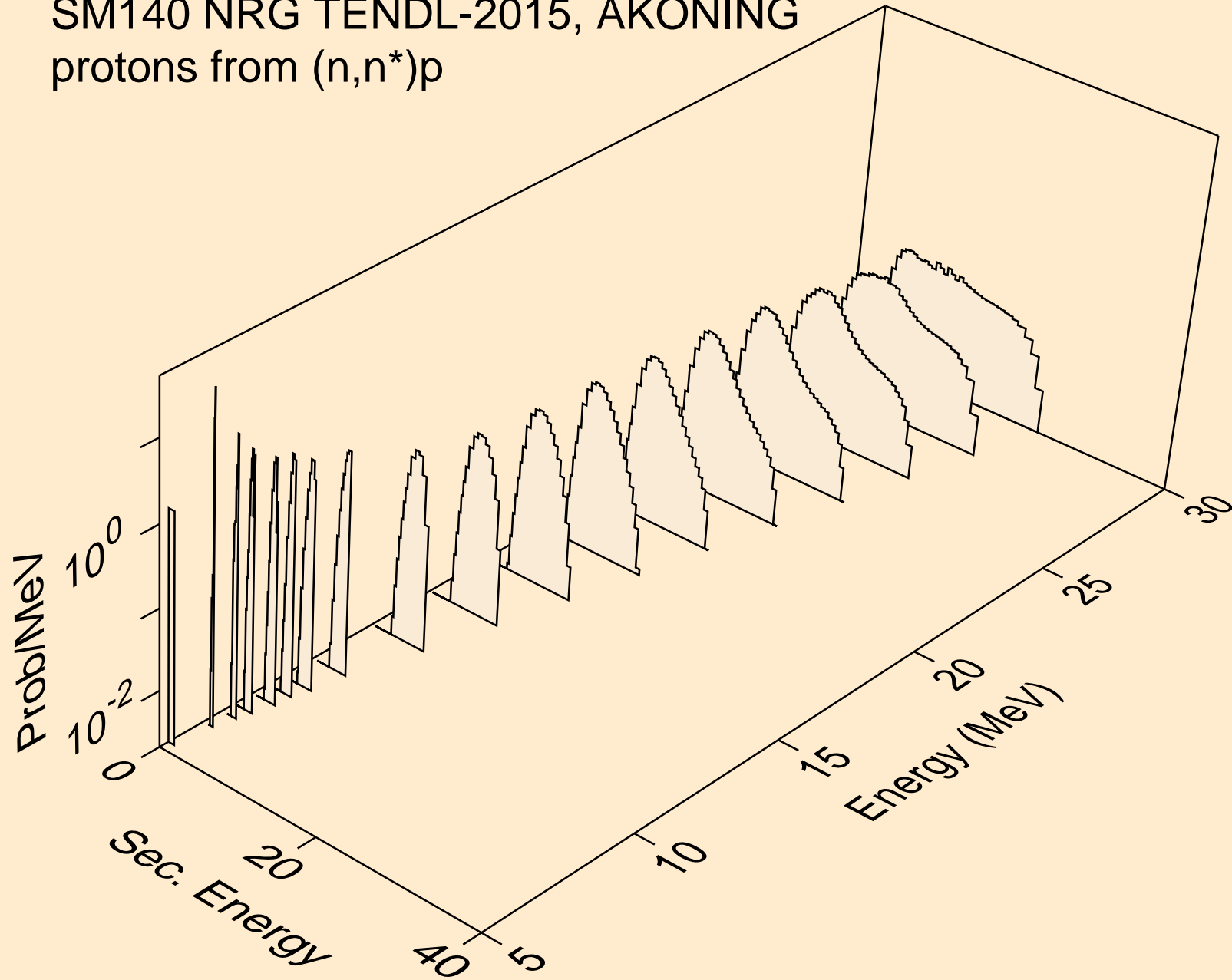
## Particle production cross sections



SM140 NRG TENDL-2015, AKONING  
protons from (n,x)

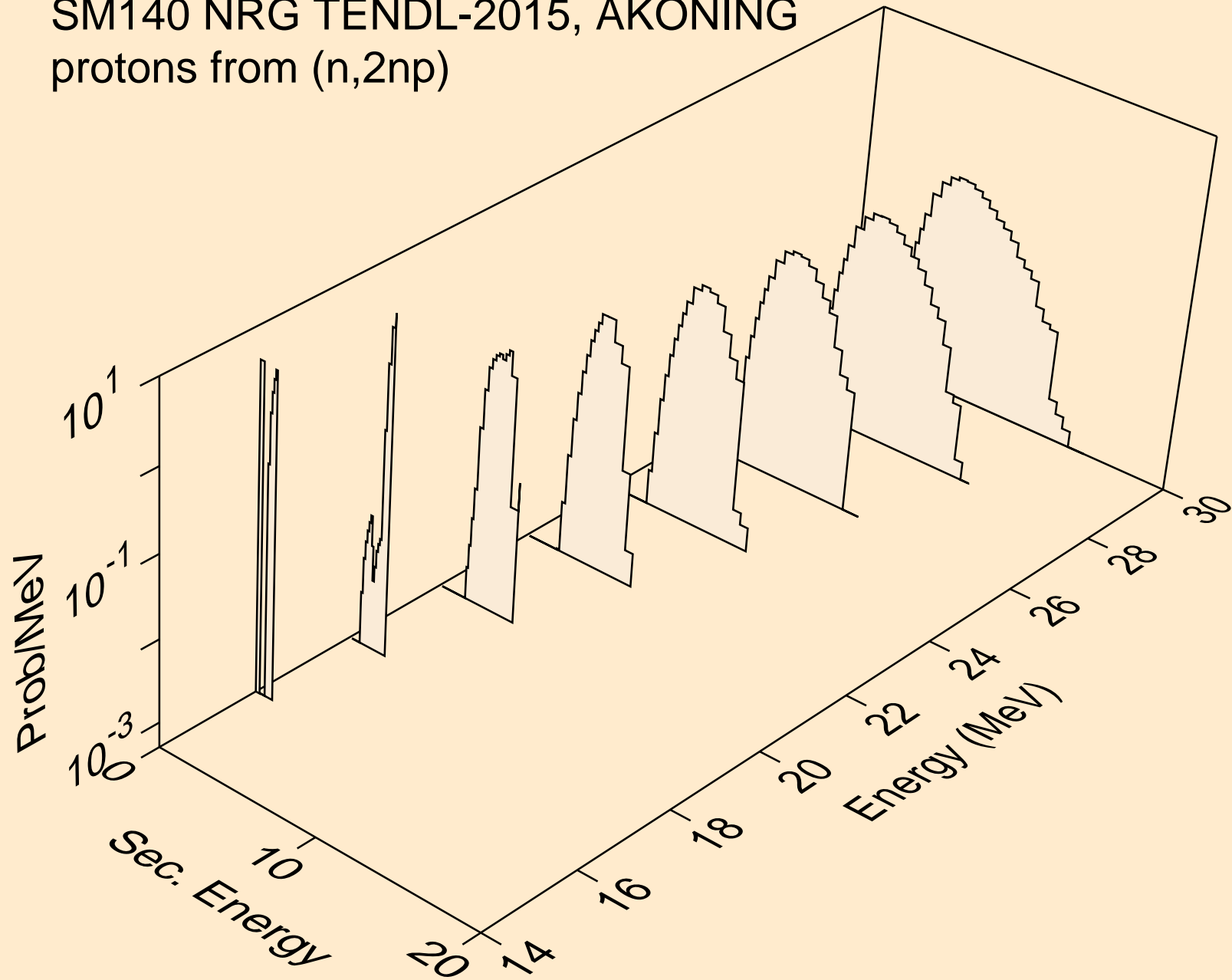


SM140 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

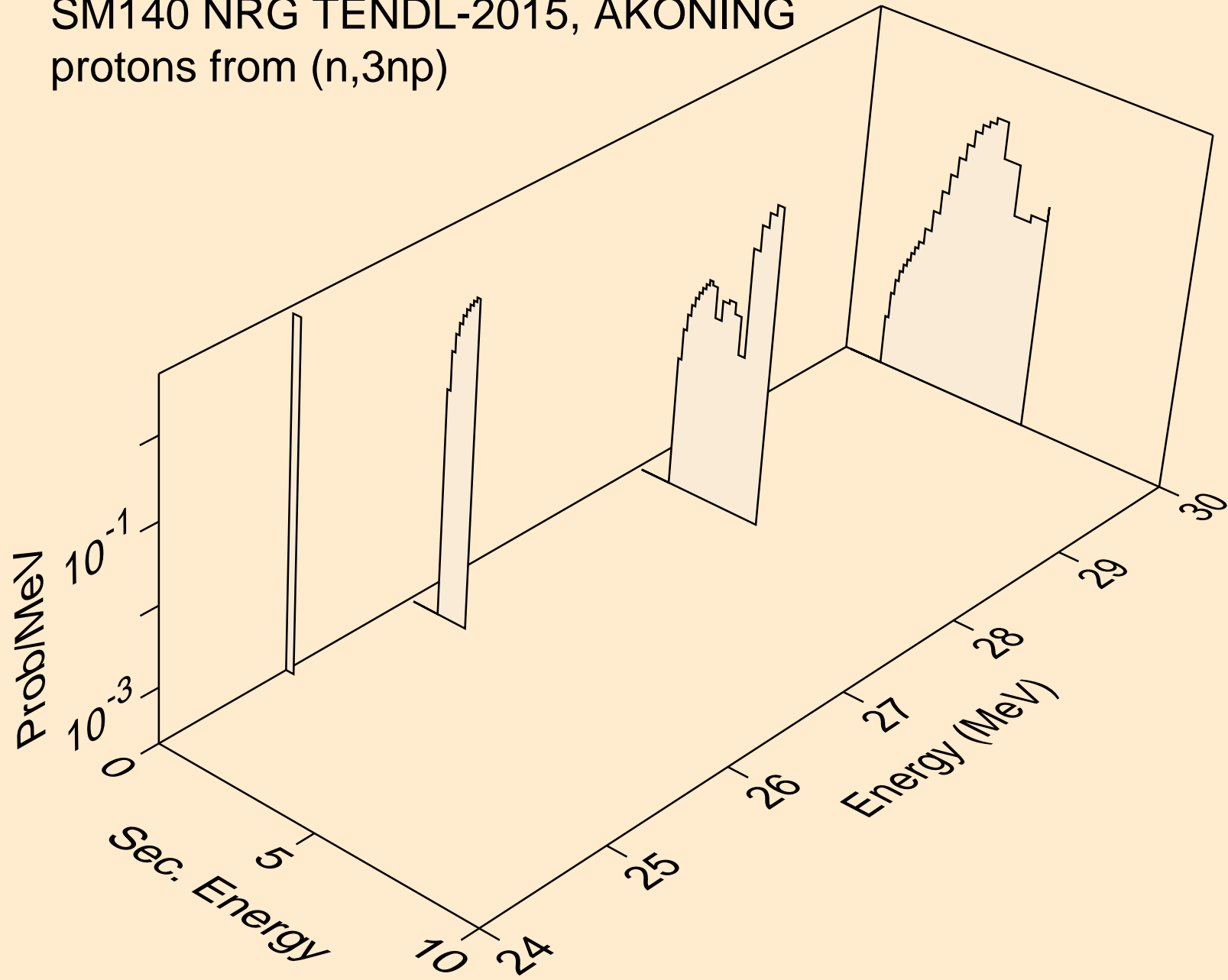




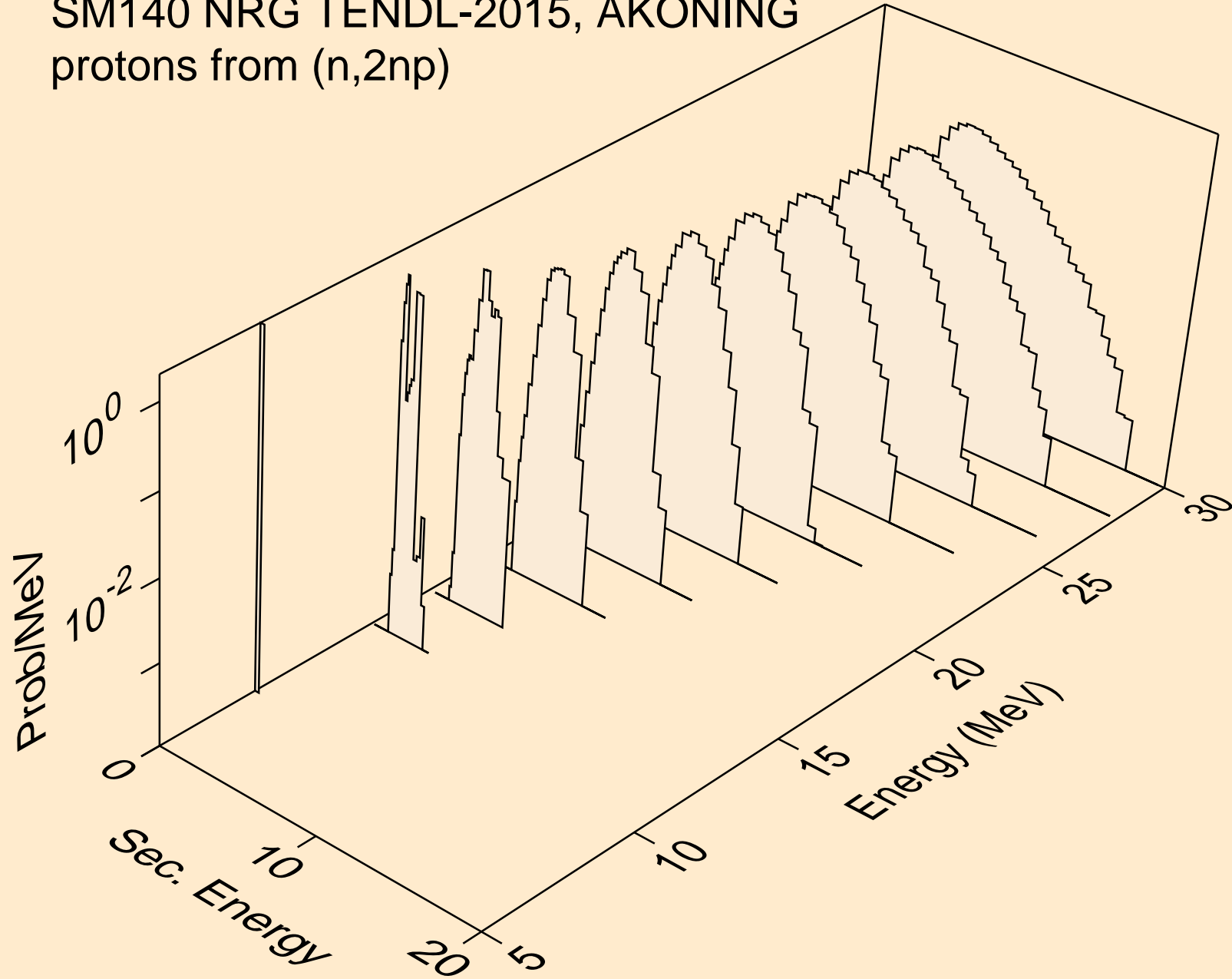
SM140 NRG TENDL-2015, AKONING  
protons from (n,2np)



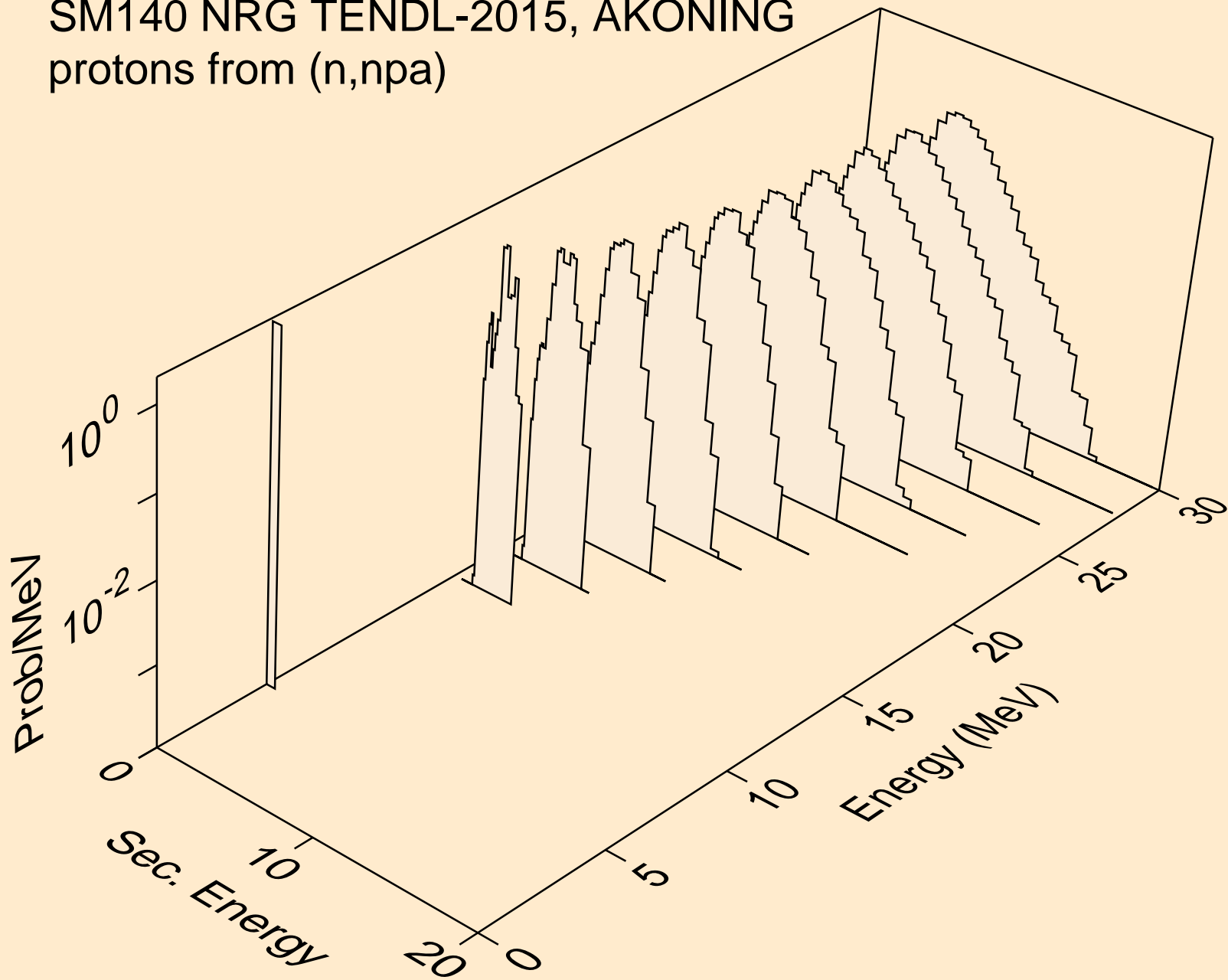
SM140 NRG TENDL-2015, AKONING  
protons from (n,3np)



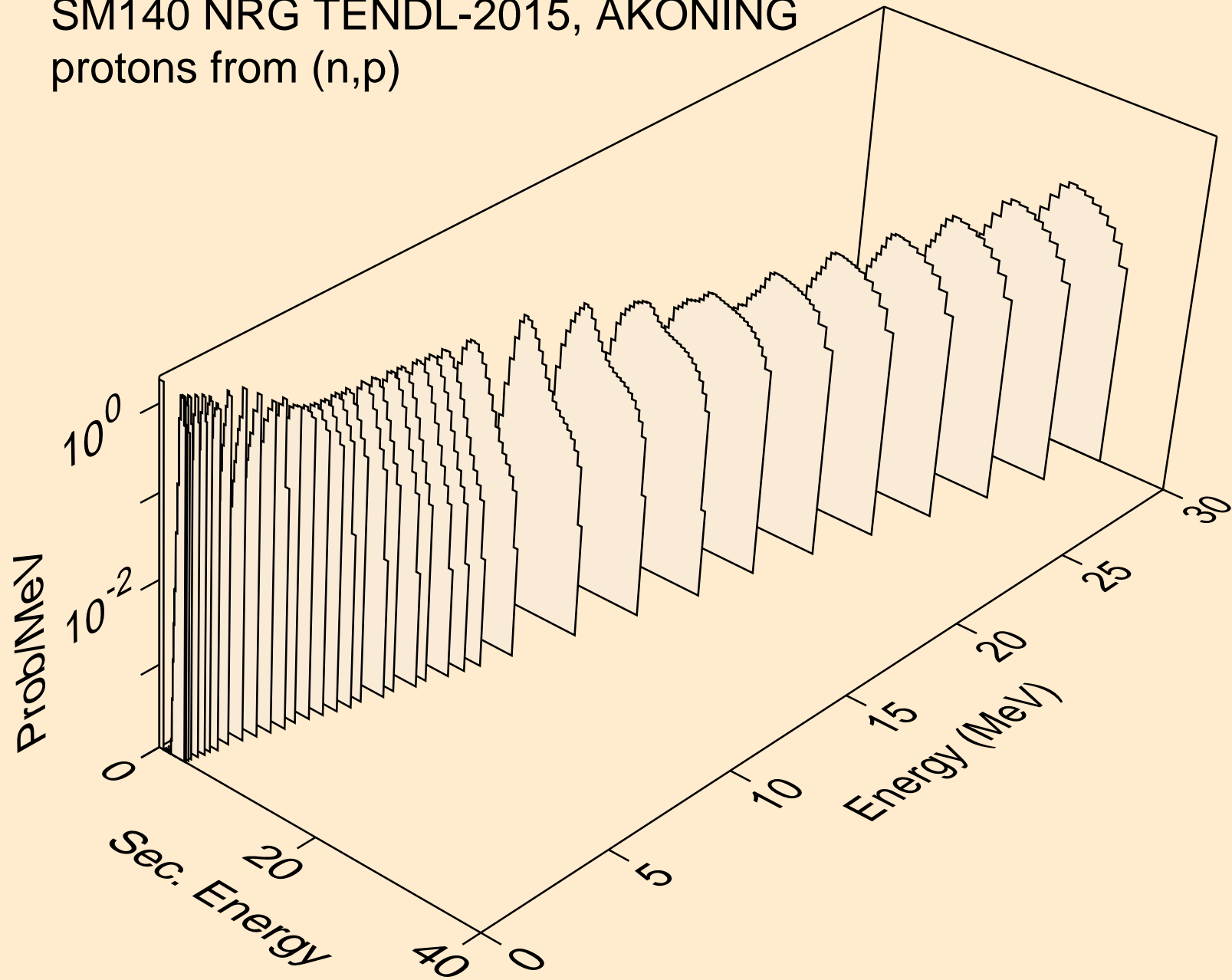
SM140 NRG TENDL-2015, AKONING  
protons from (n,2np)



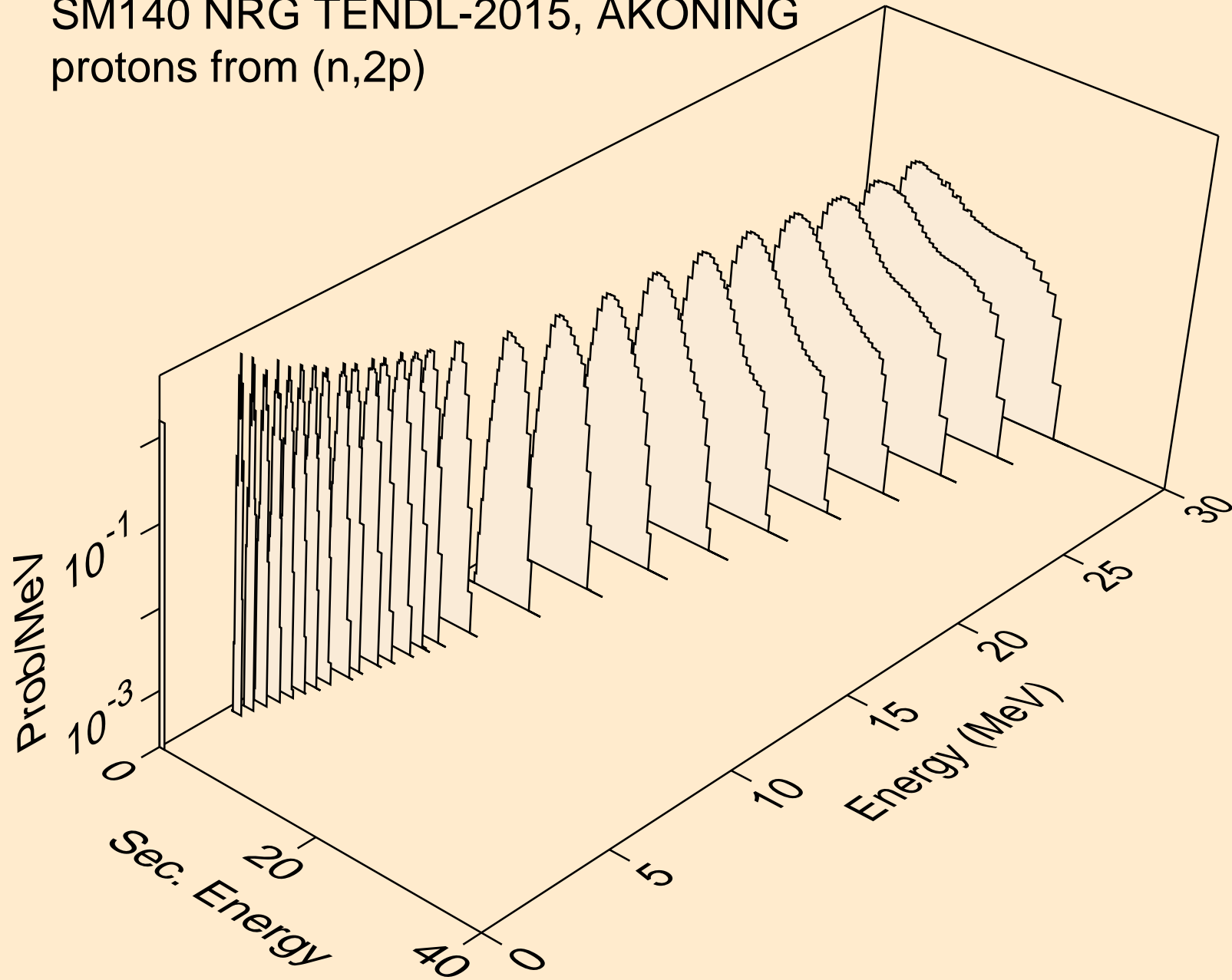
SM140 NRG TENDL-2015, AKONING  
protons from (n,npa)



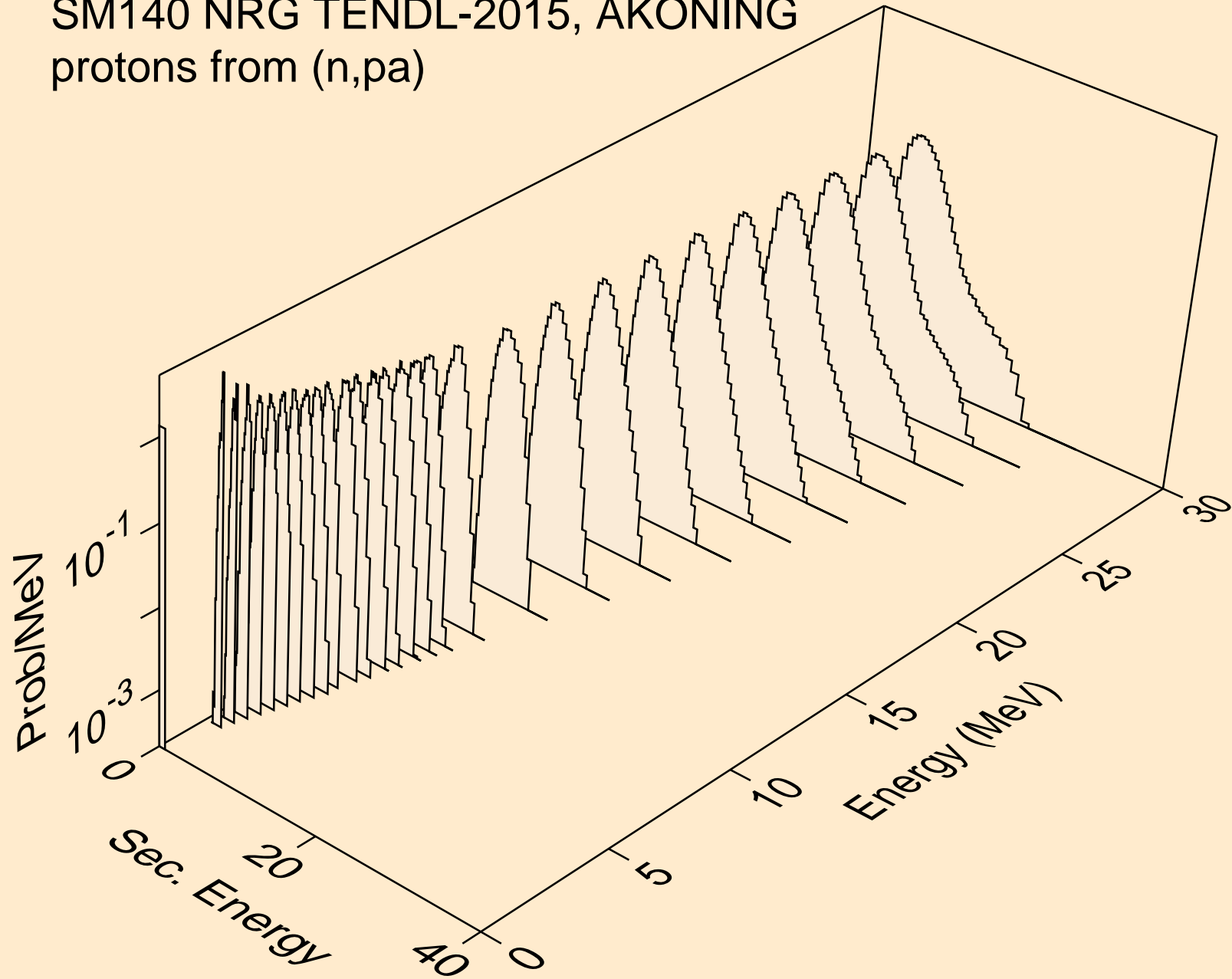
SM140 NRG TENDL-2015, AKONING  
protons from (n,p)



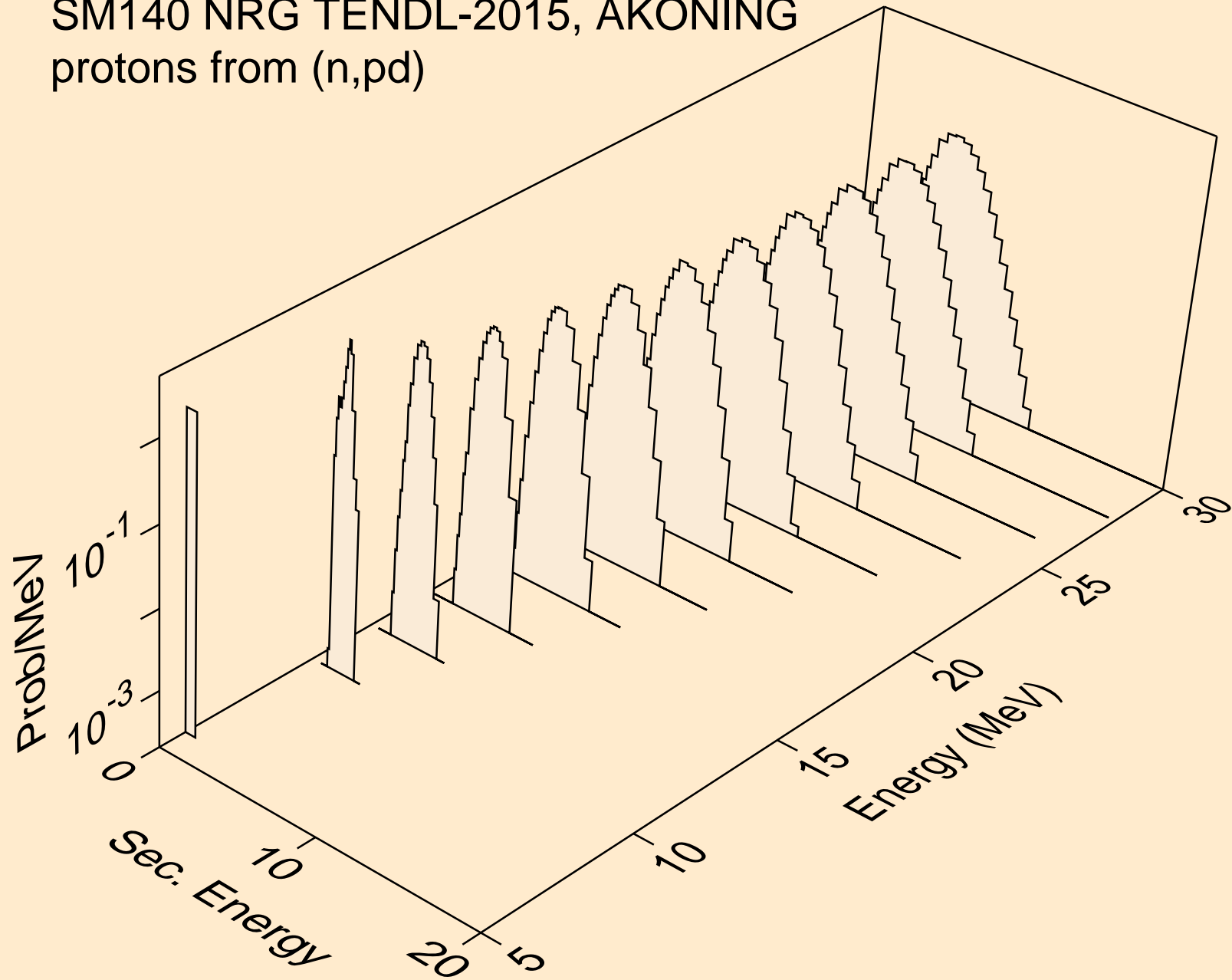
SM140 NRG TENDL-2015, AKONING  
protons from (n,2p)



SM140 NRG TENDL-2015, AKONING  
protons from (n,pa)

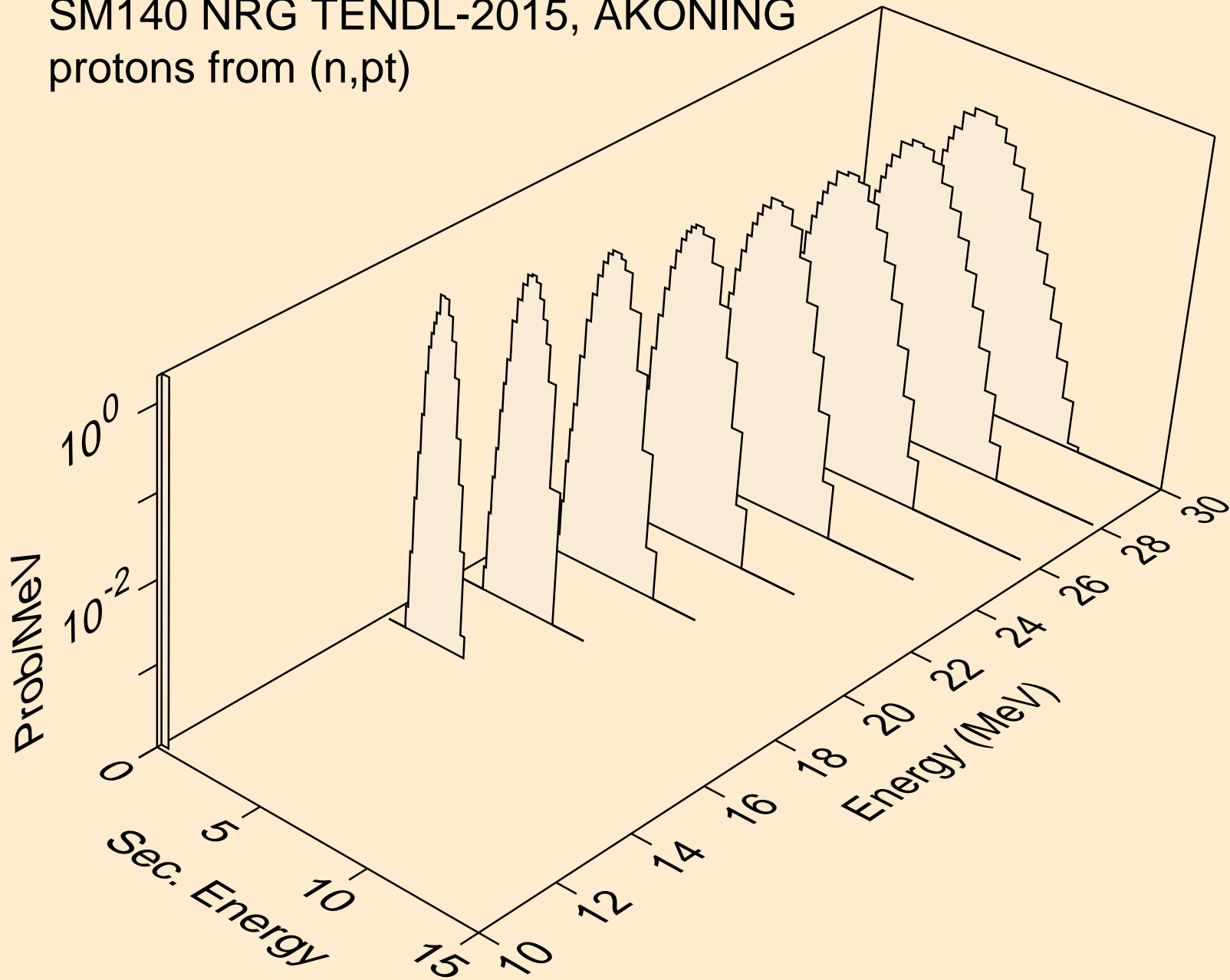


SM140 NRG TENDL-2015, AKONING  
protons from (n,pd)

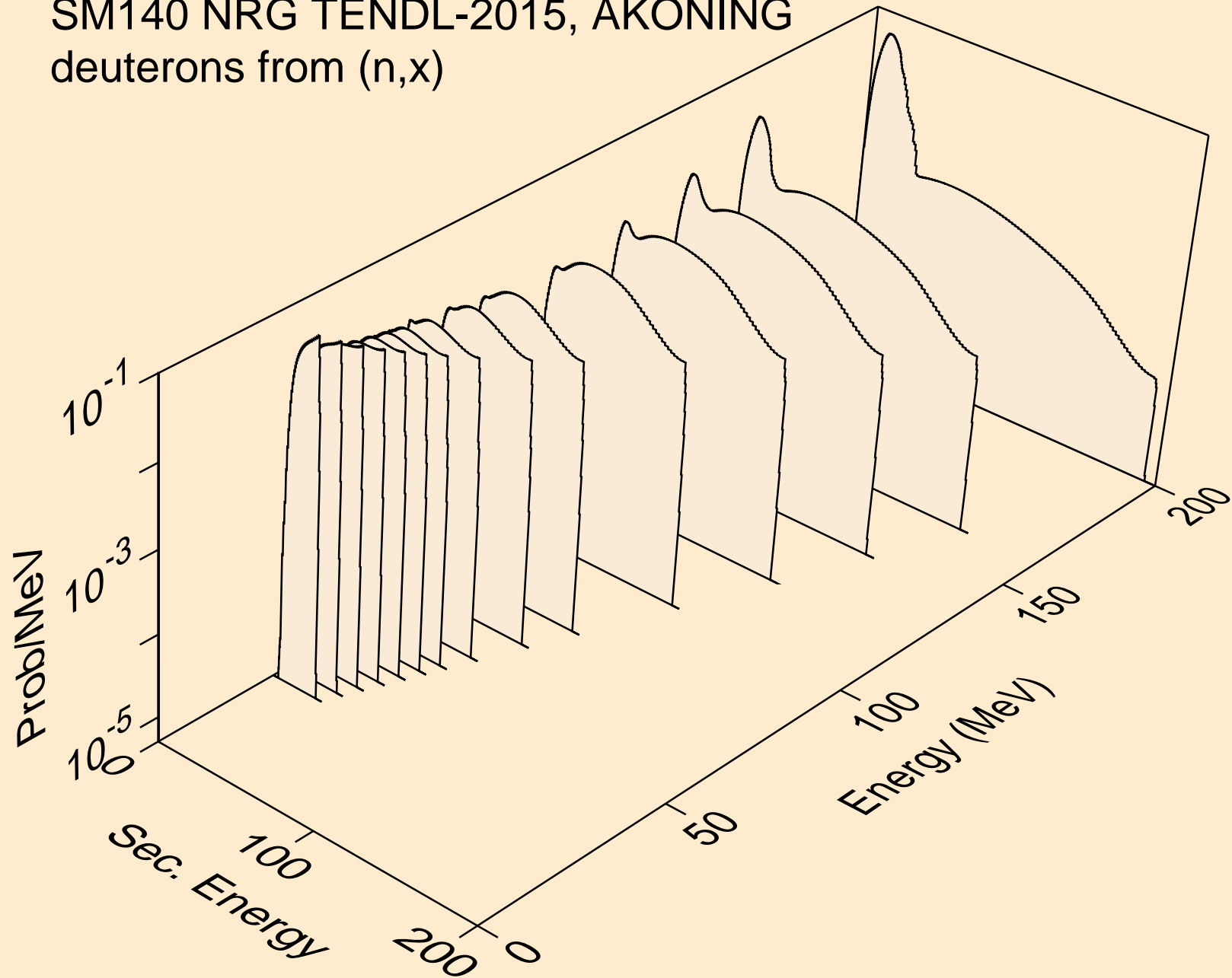




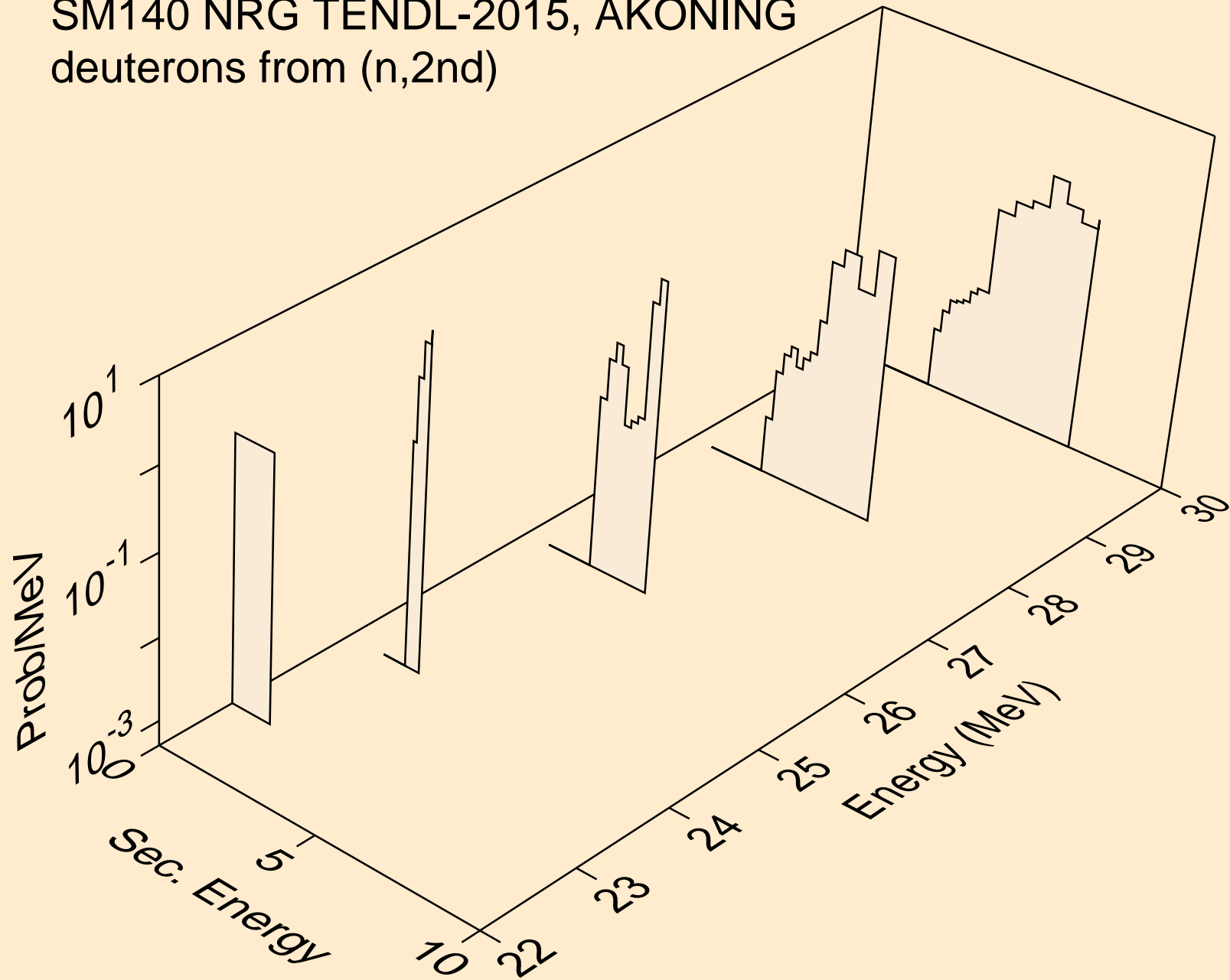
SM140 NRG TENDL-2015, AKONING  
protons from (n,pt)



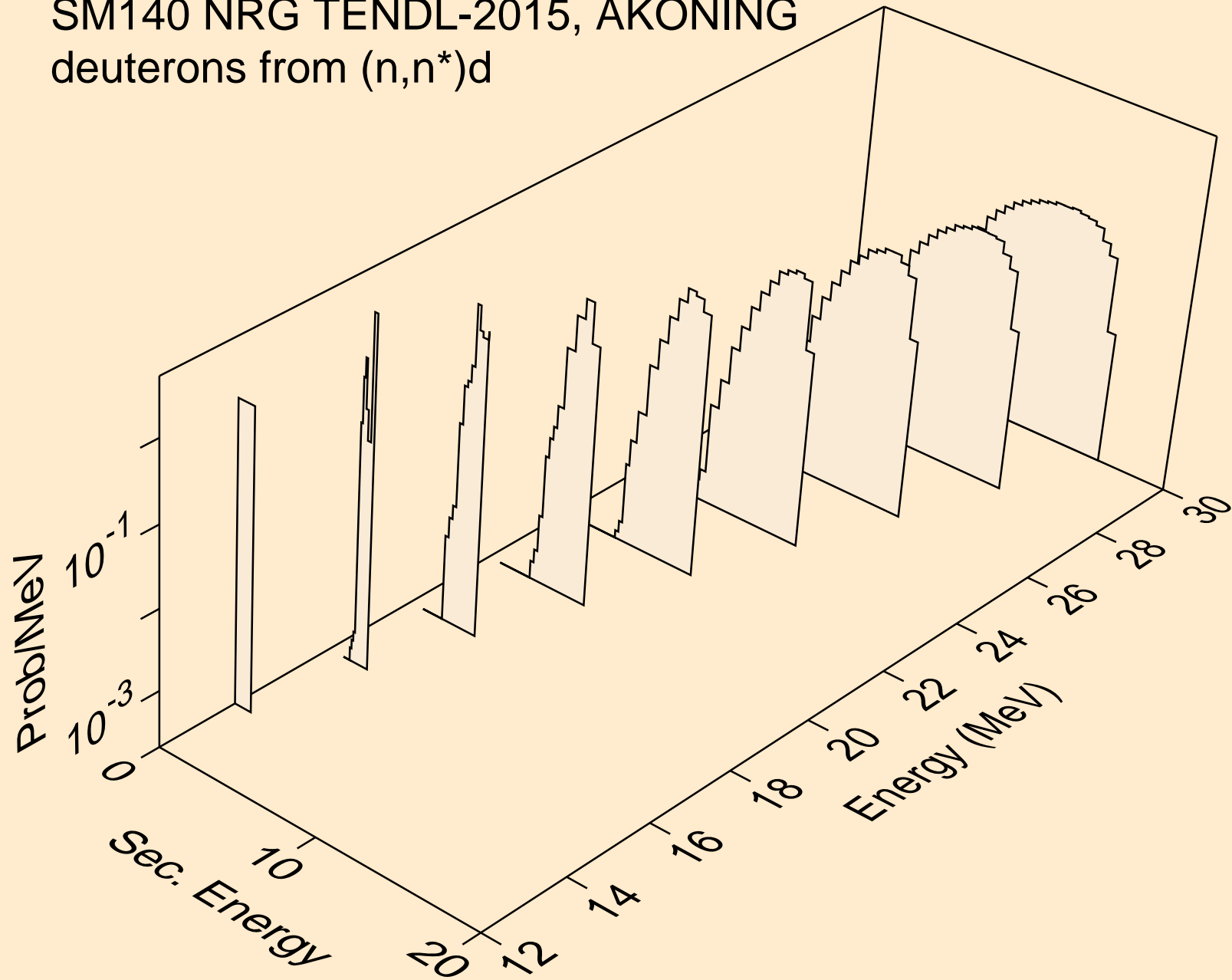
SM140 NRG TENDL-2015, AKONING  
deuterons from (n,x)



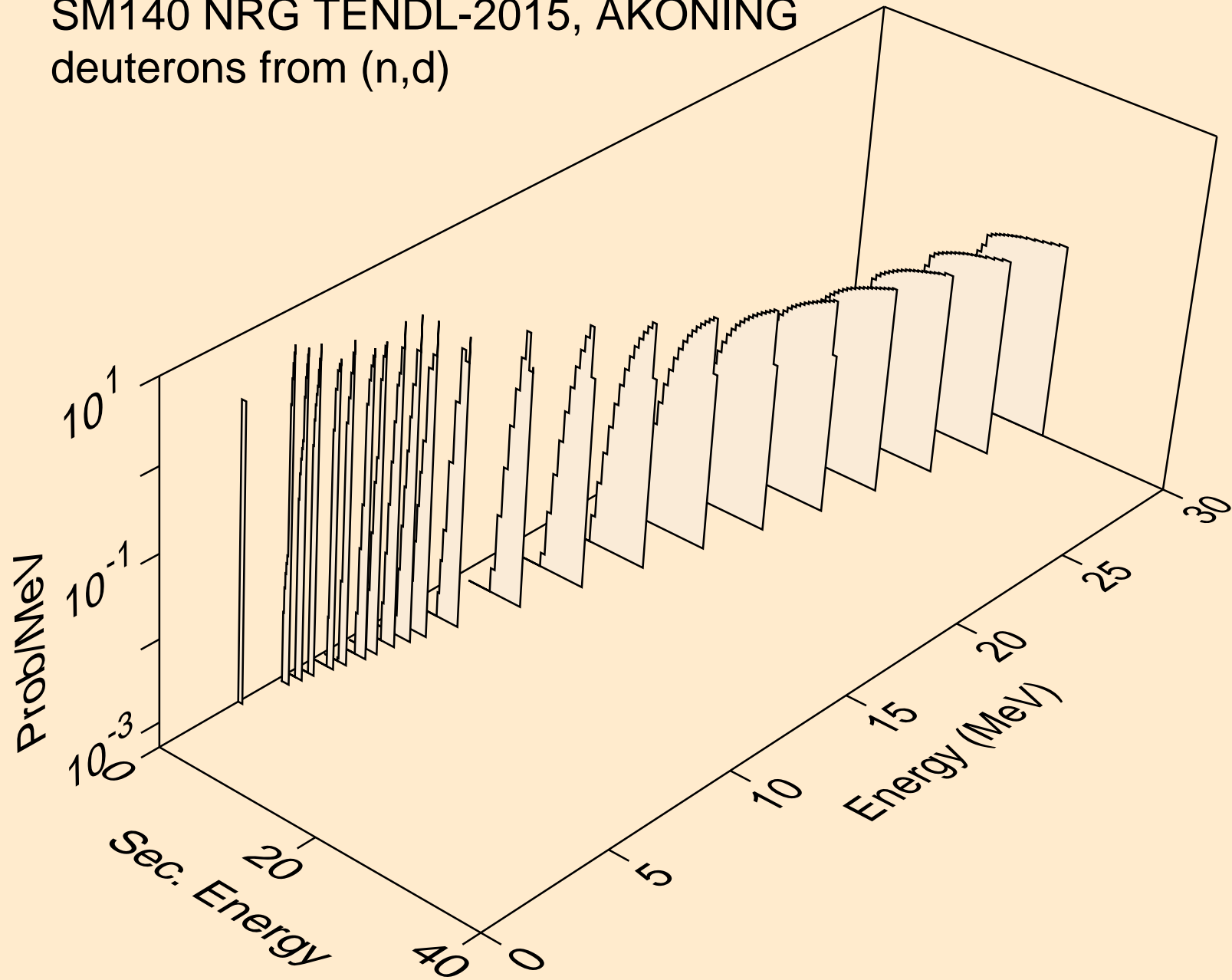
SM140 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



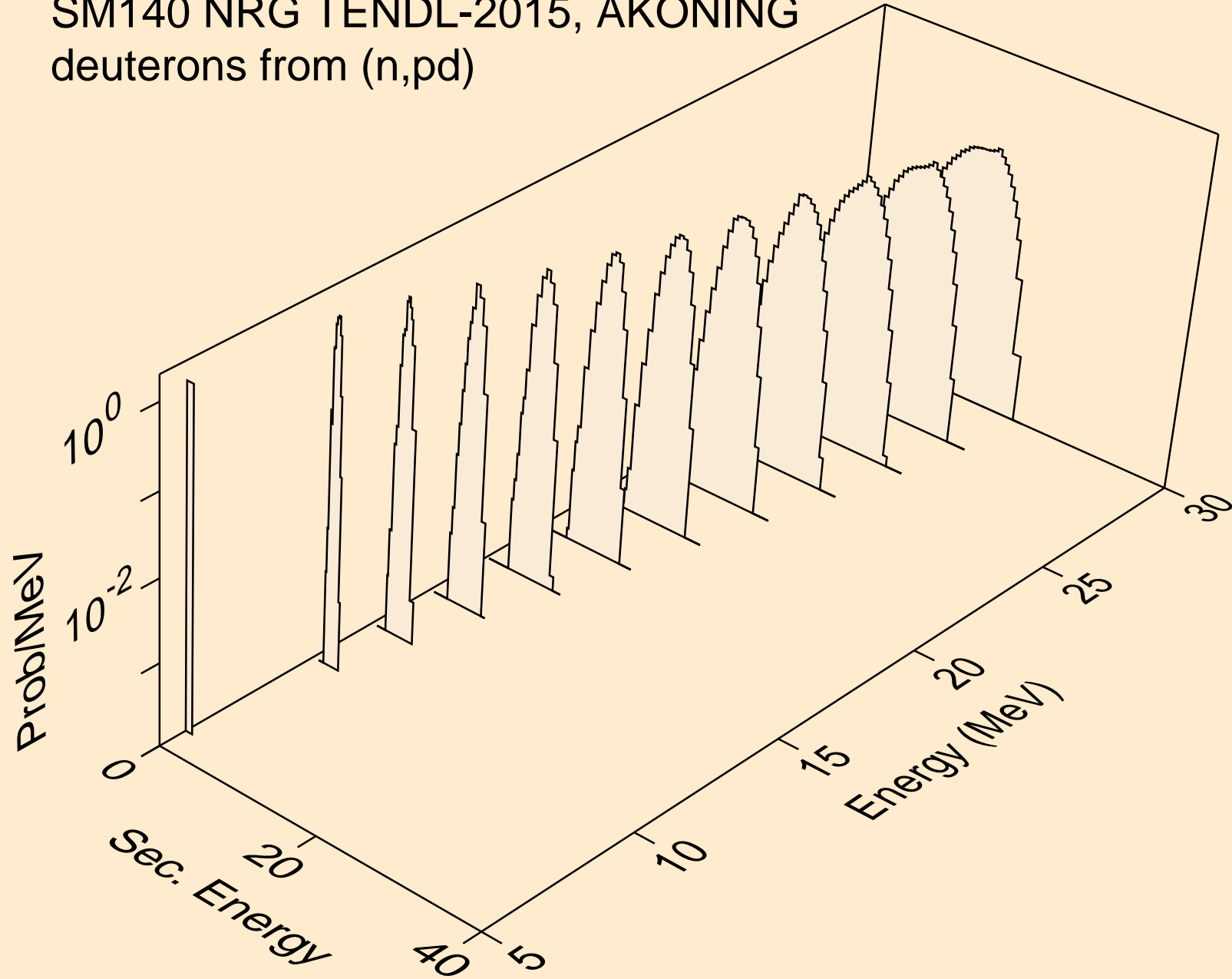
SM140 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



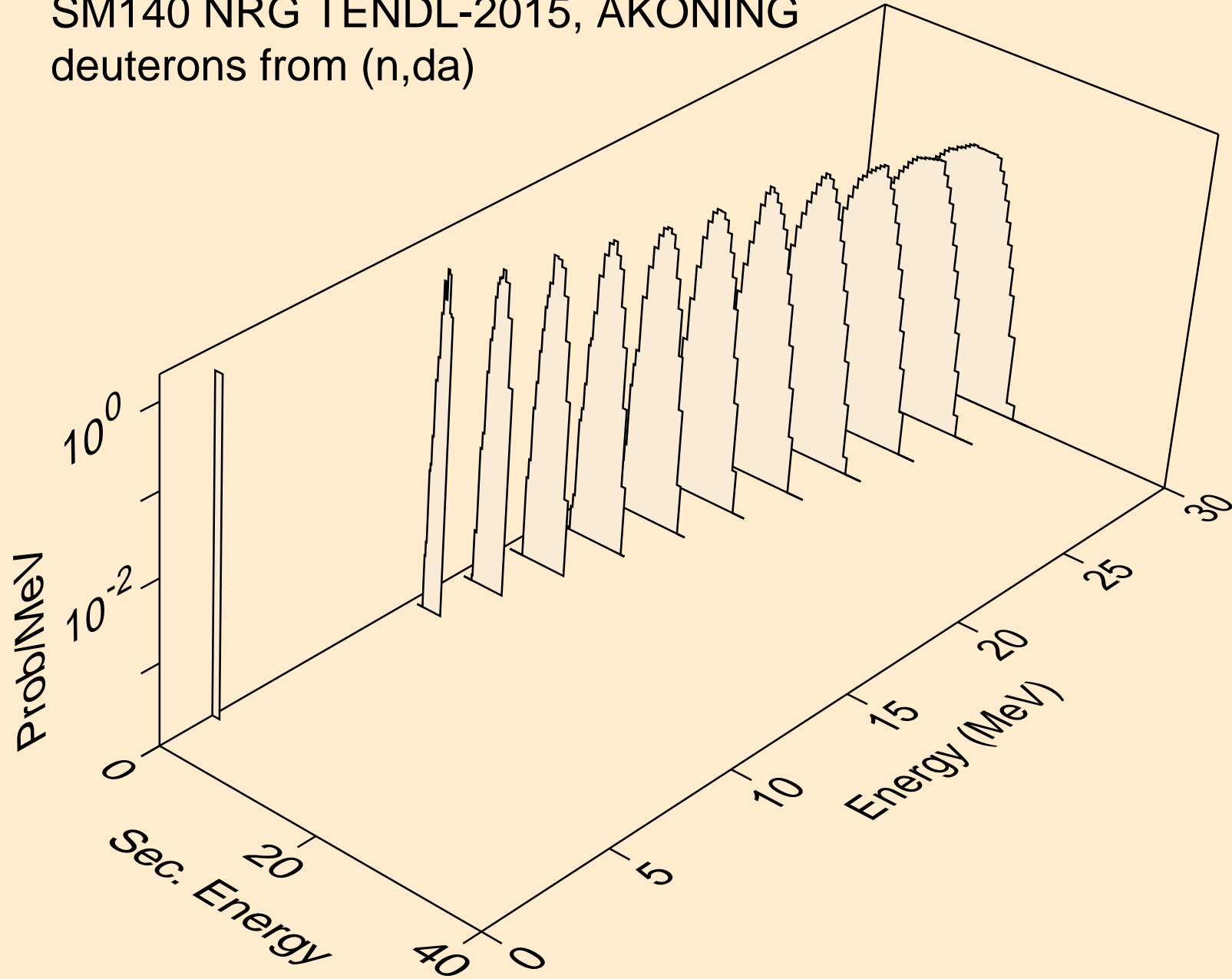
SM140 NRG TENDL-2015, AKONING  
deuterons from (n,d)



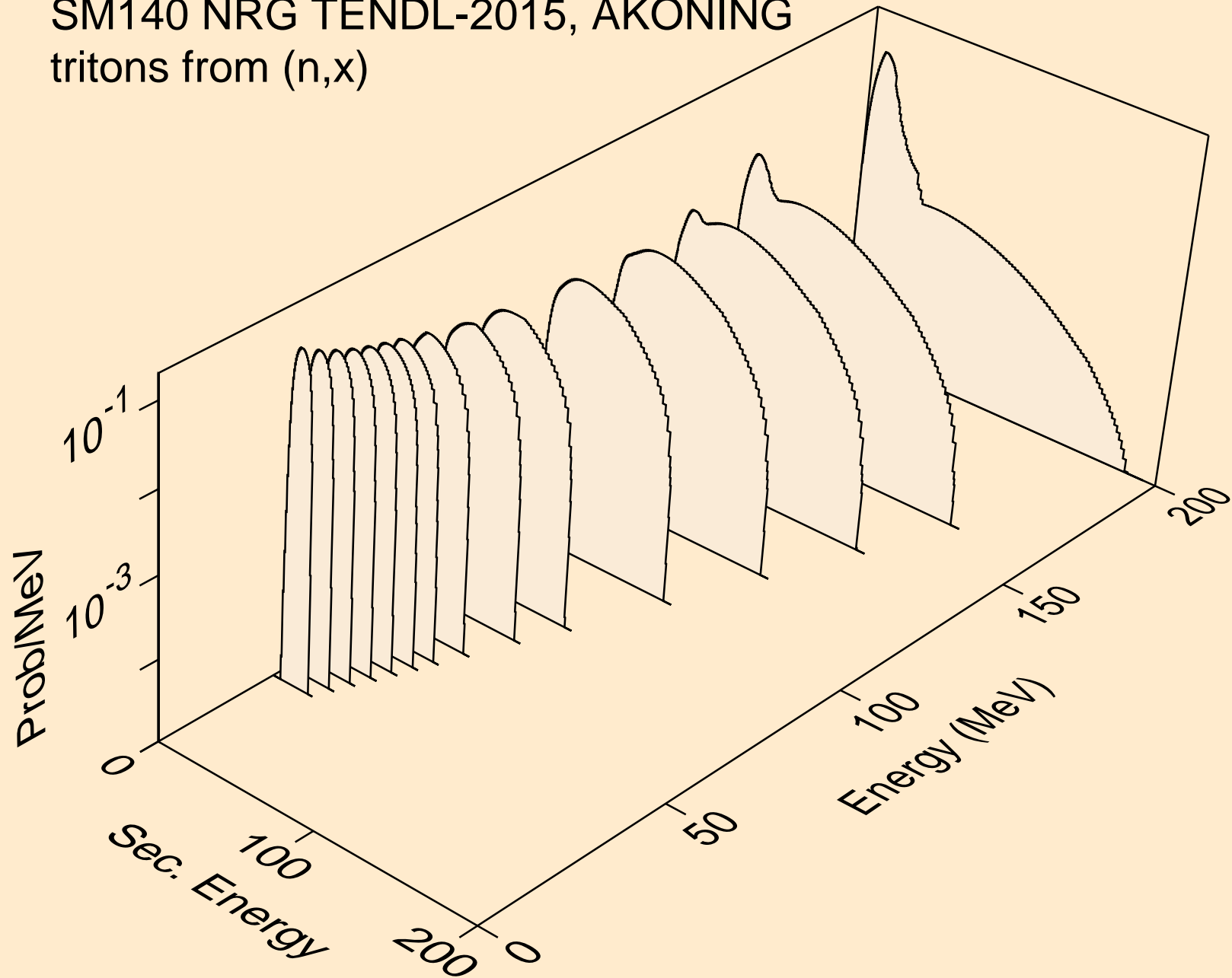
SM140 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



SM140 NRG TENDL-2015, AKONING  
deuterons from (n,da)

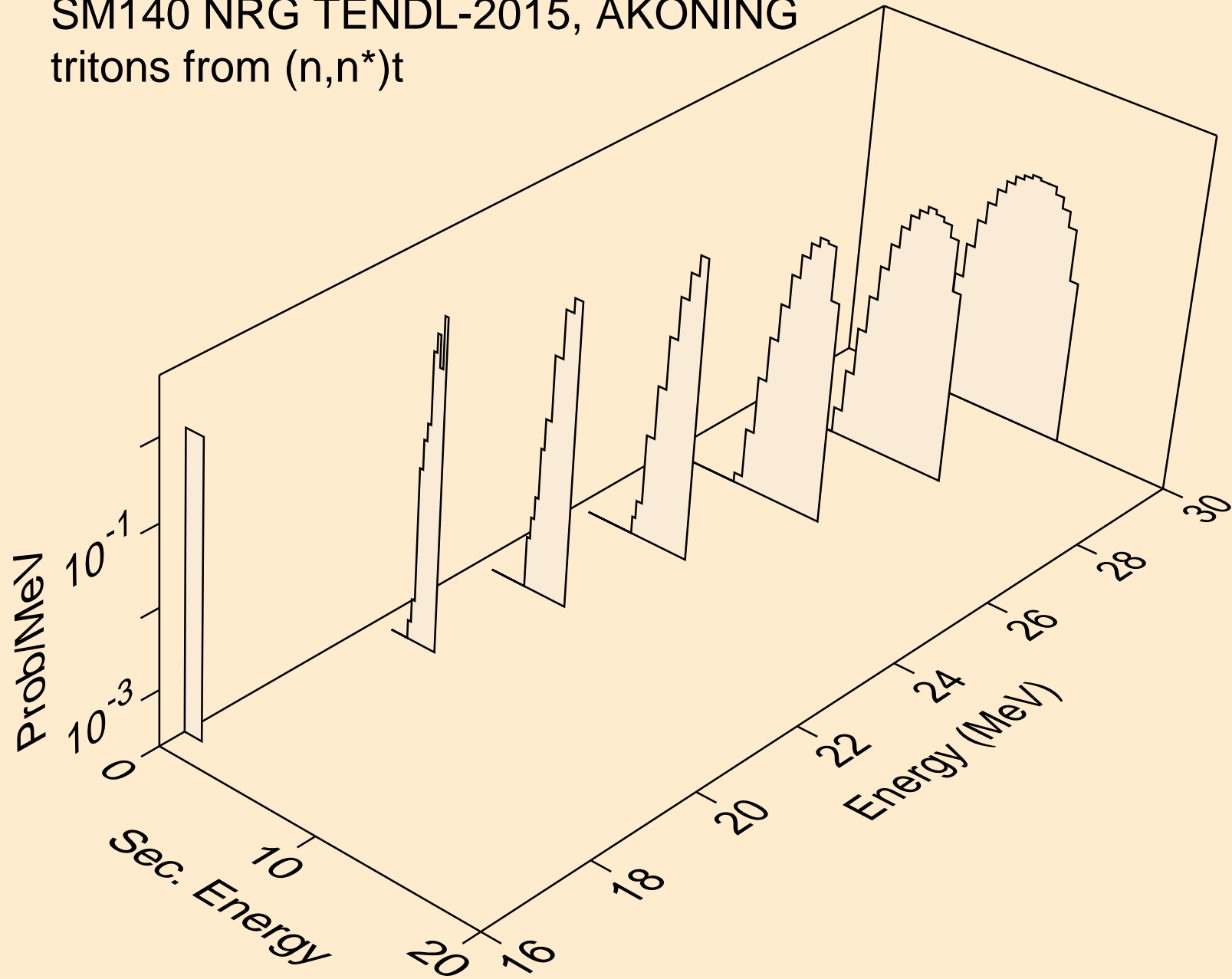


SM140 NRG TENDL-2015, AKONING  
tritons from (n,x)

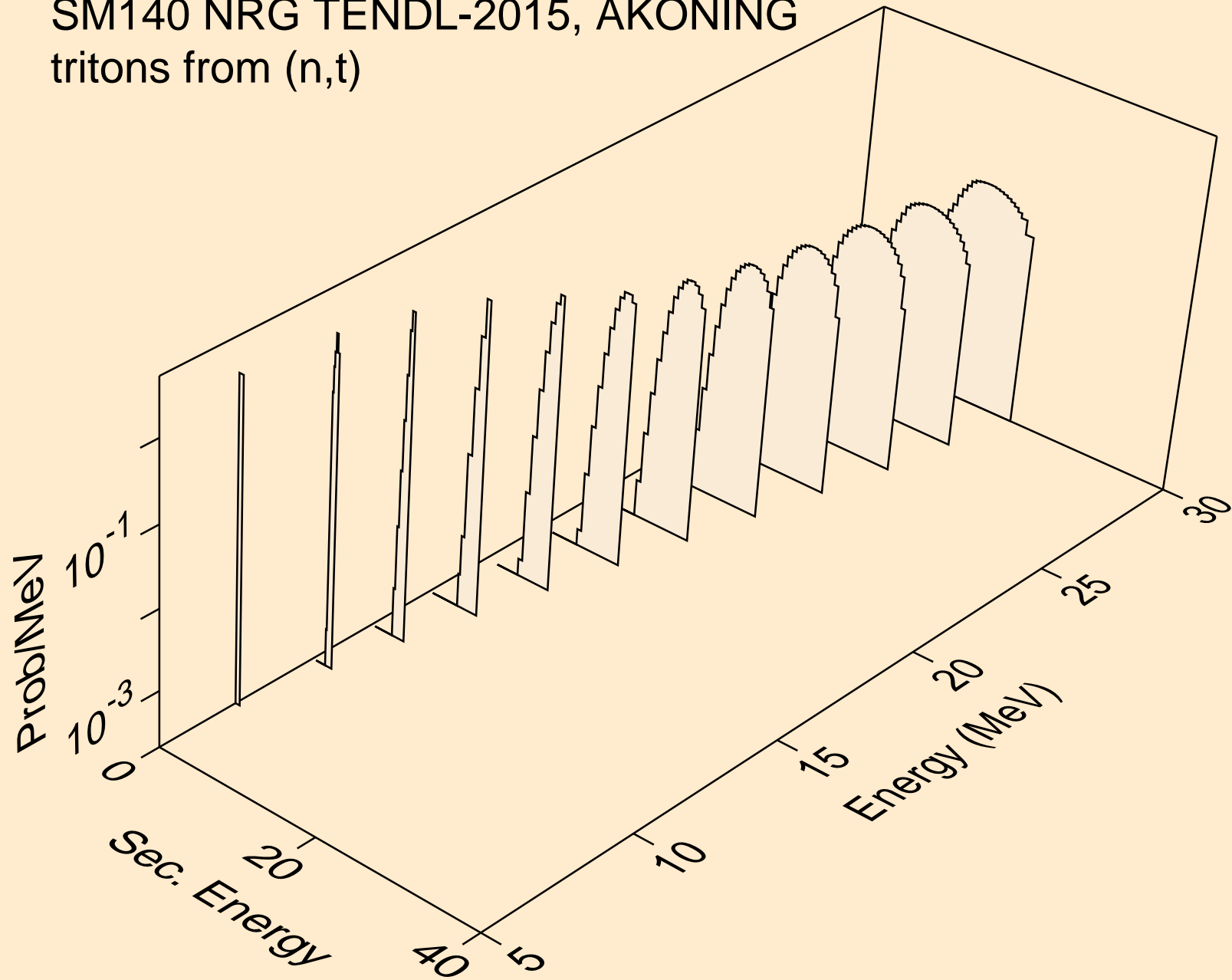




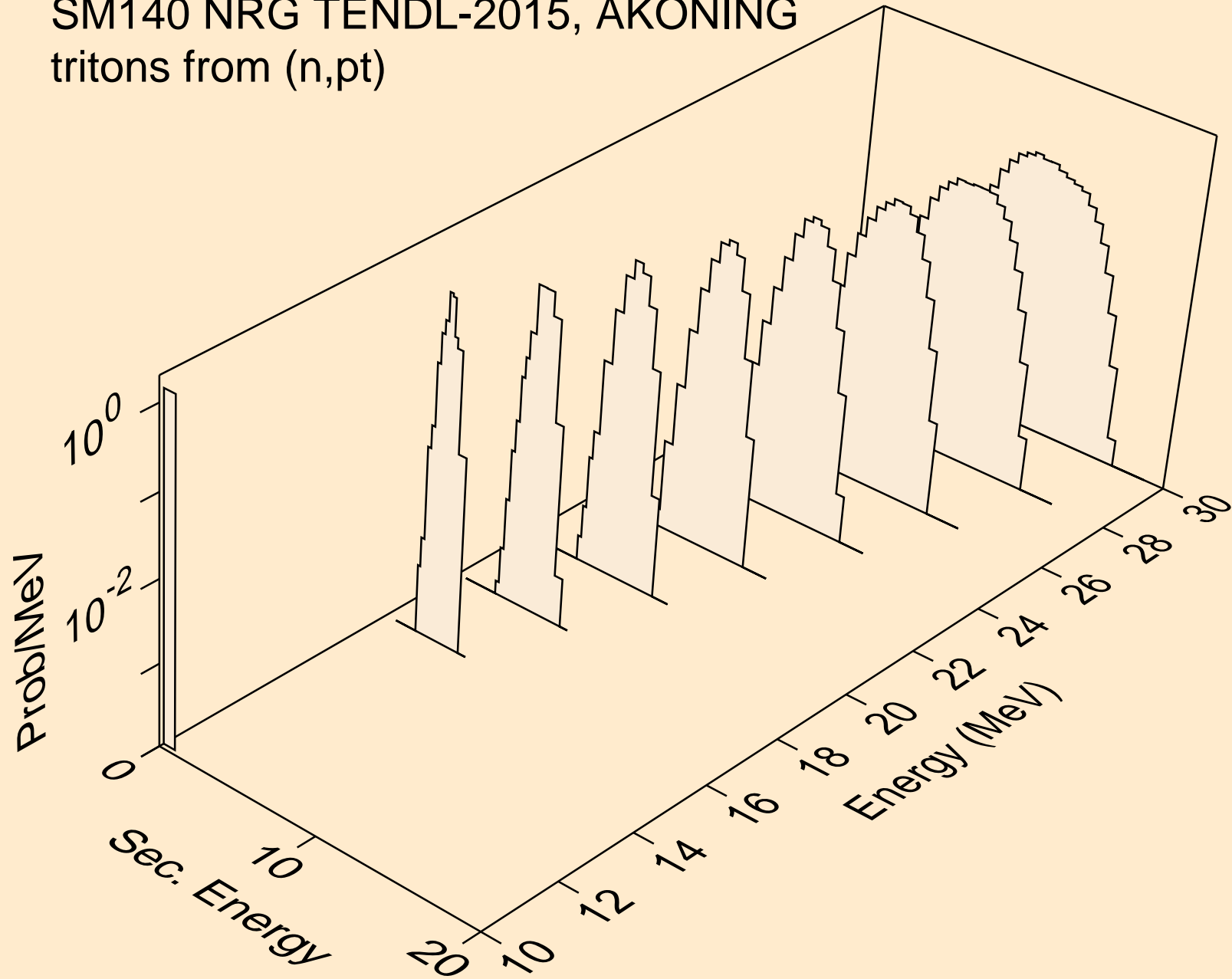
SM140 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



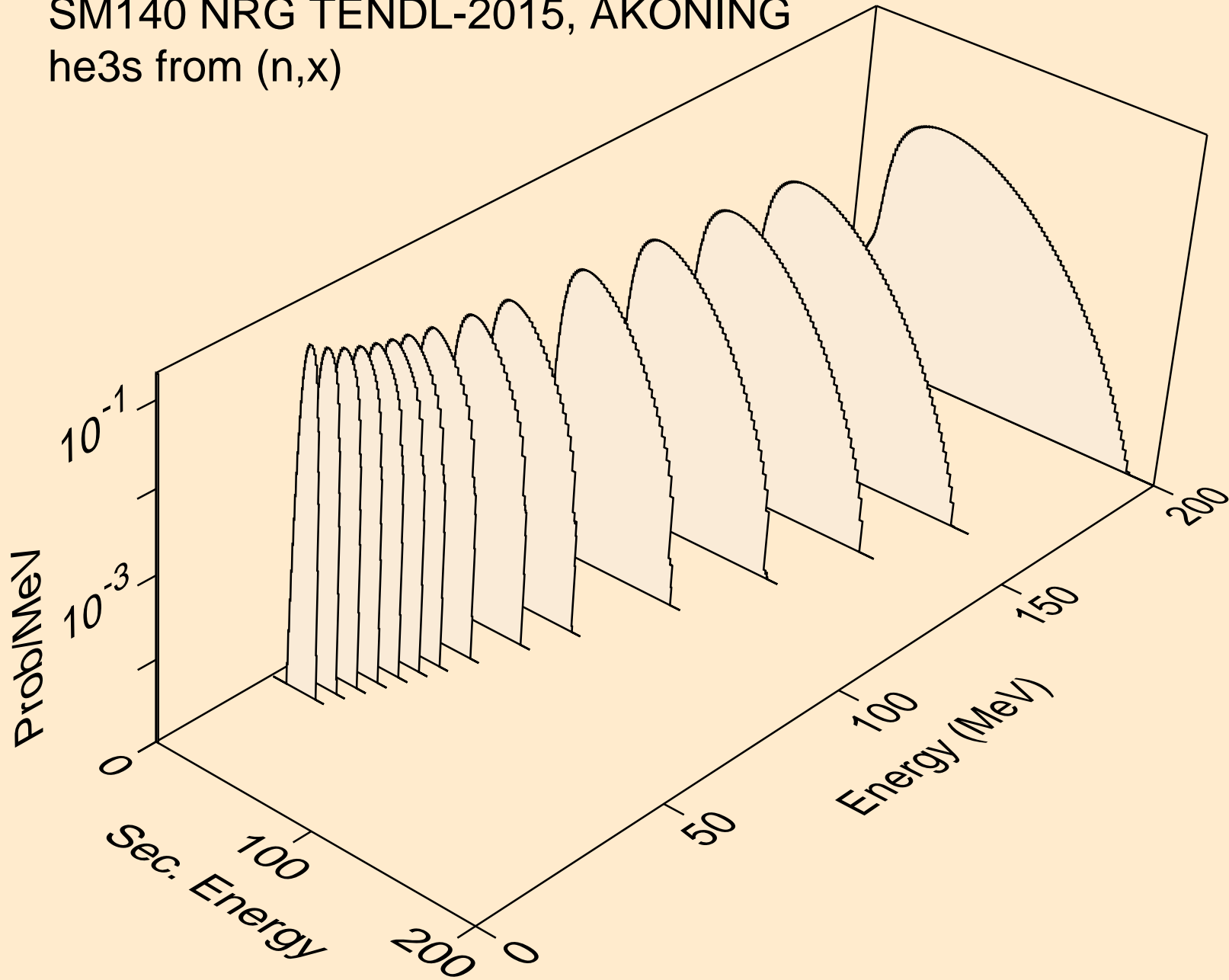
SM140 NRG TENDL-2015, AKONING  
tritons from (n,t)



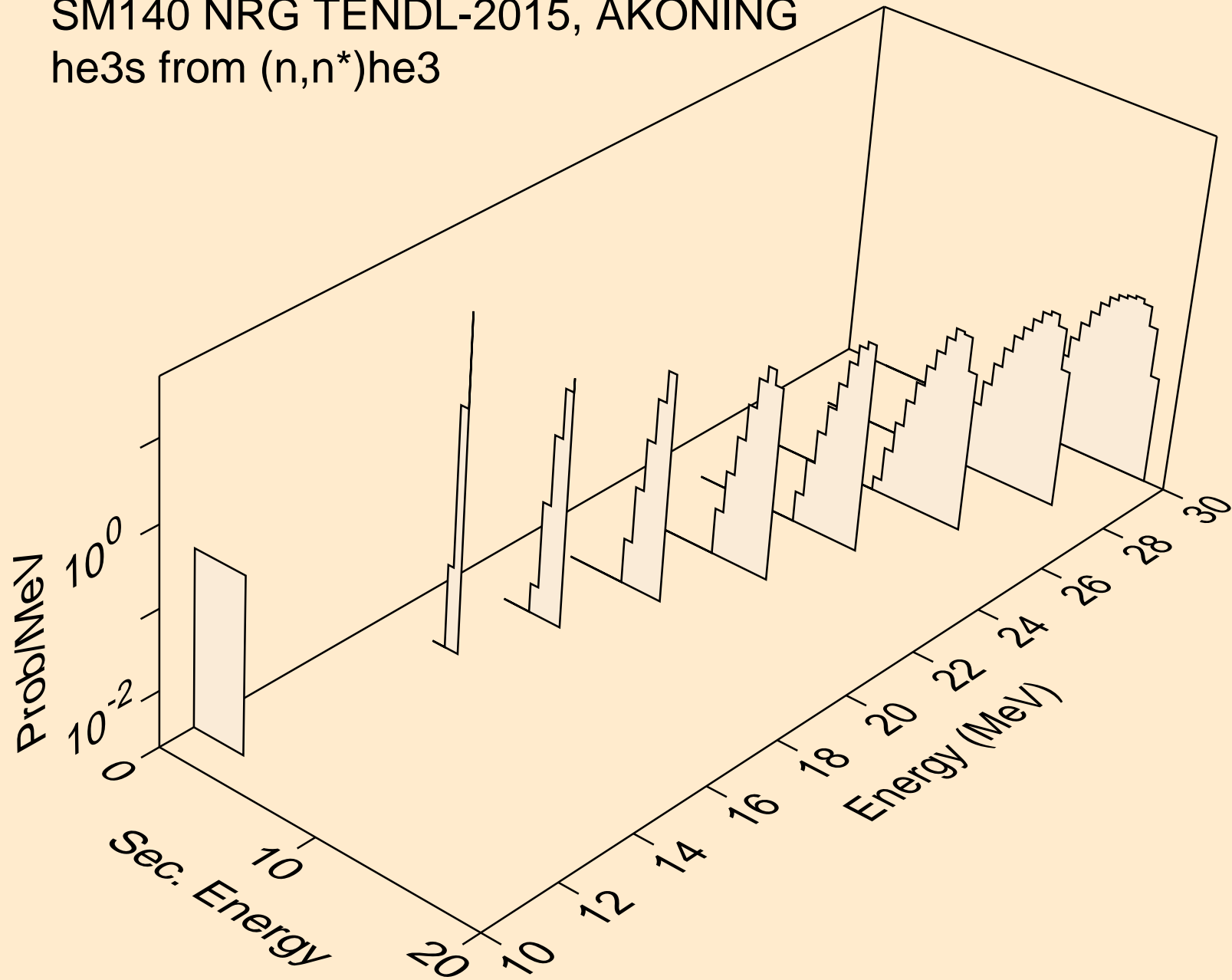
SM140 NRG TENDL-2015, AKONING  
tritons from (n,pt)



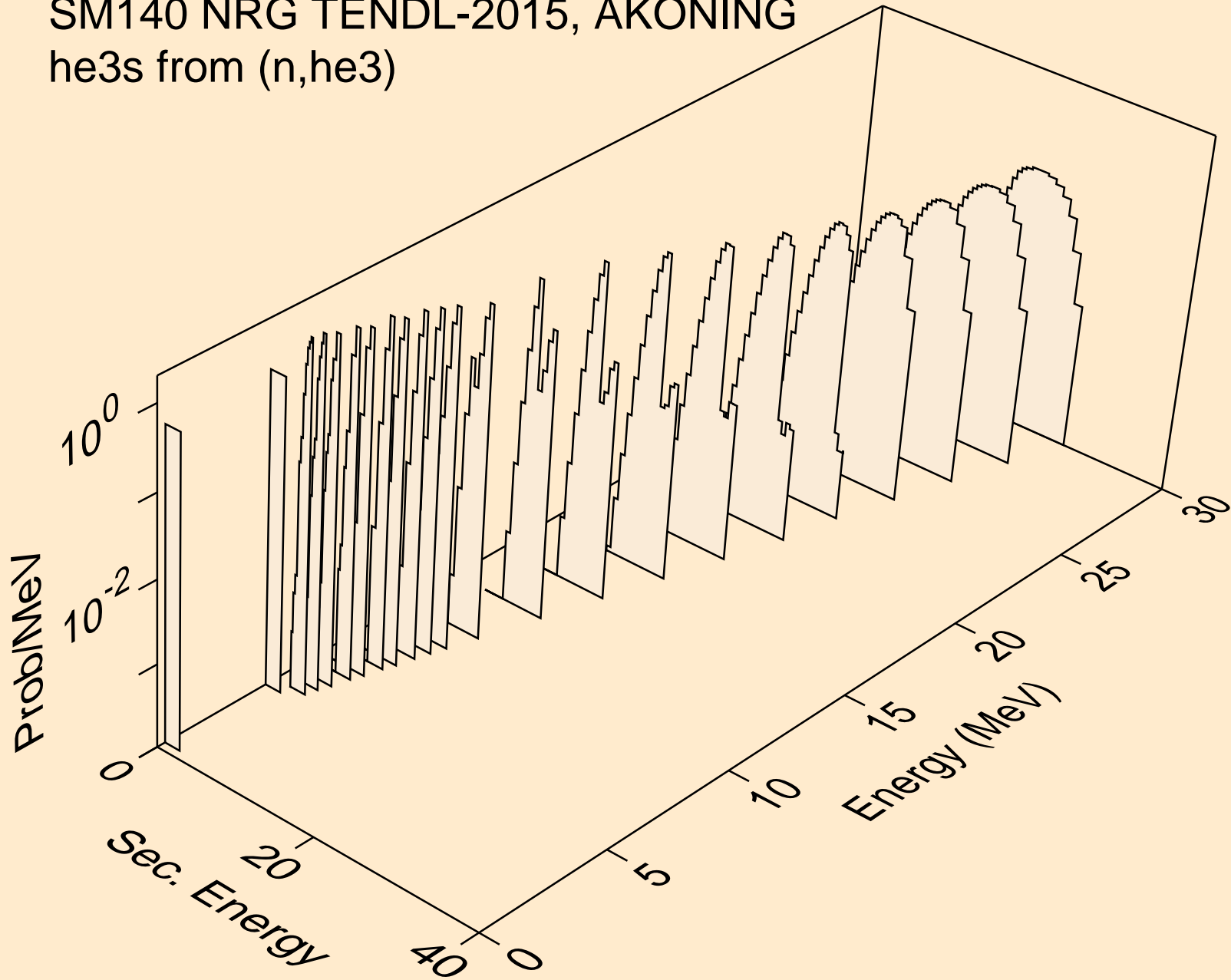
SM140 NRG TENDL-2015, AKONING  
he3s from (n,x)



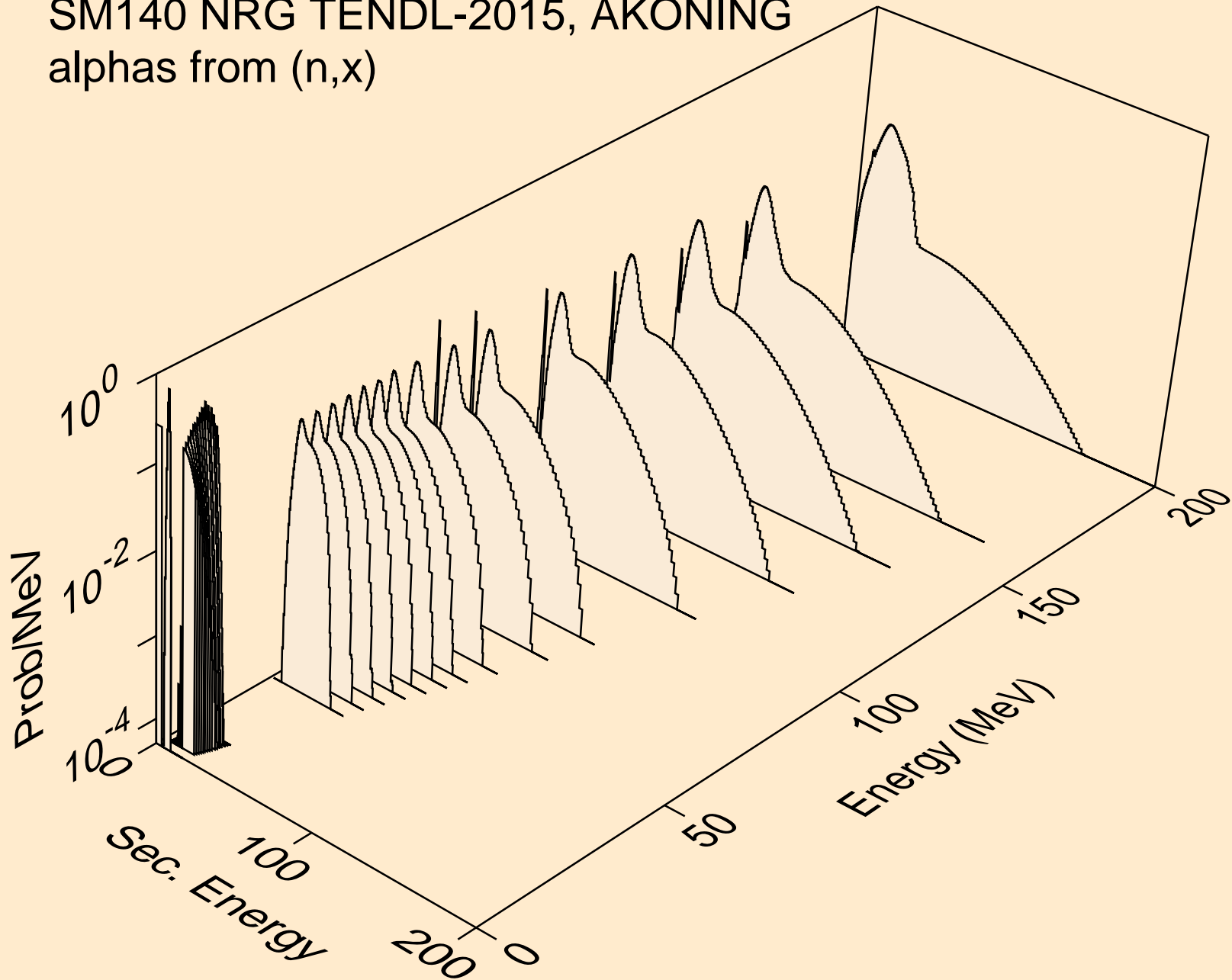
SM140 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



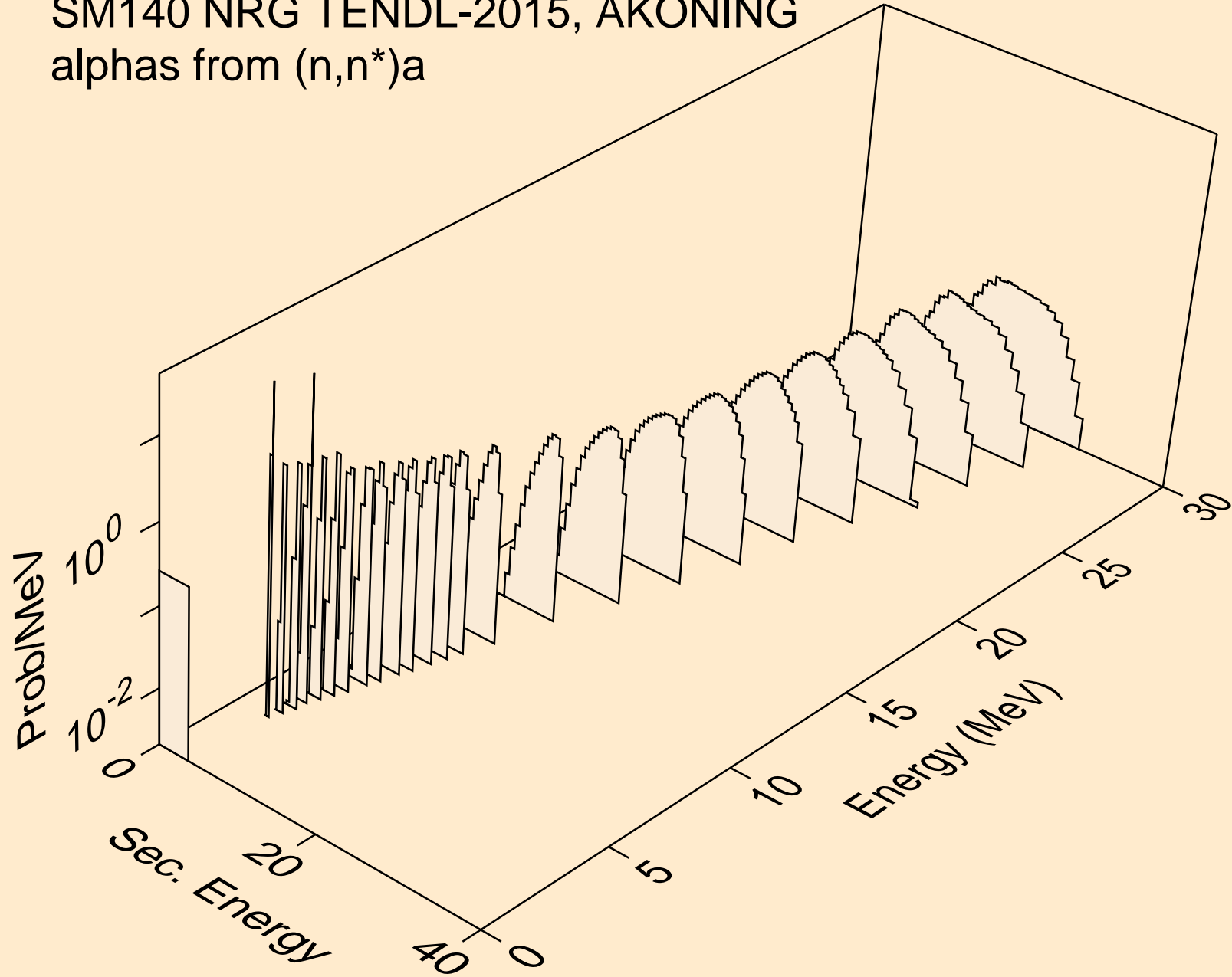
SM140 NRG TENDL-2015, AKONING  
he3s from (n,he3)



SM140 NRG TENDL-2015, AKONING  
alphas from (n,x)

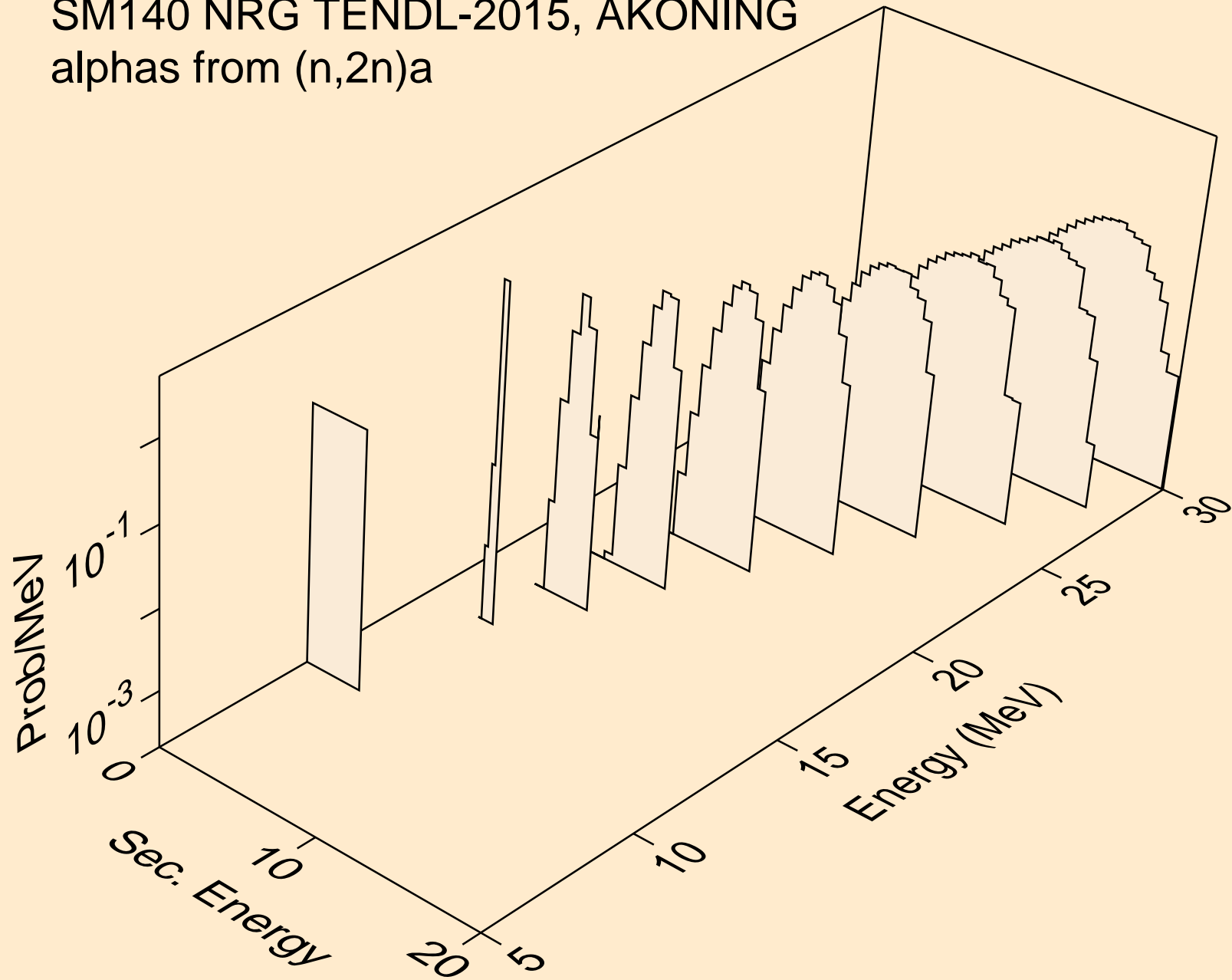


SM140 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

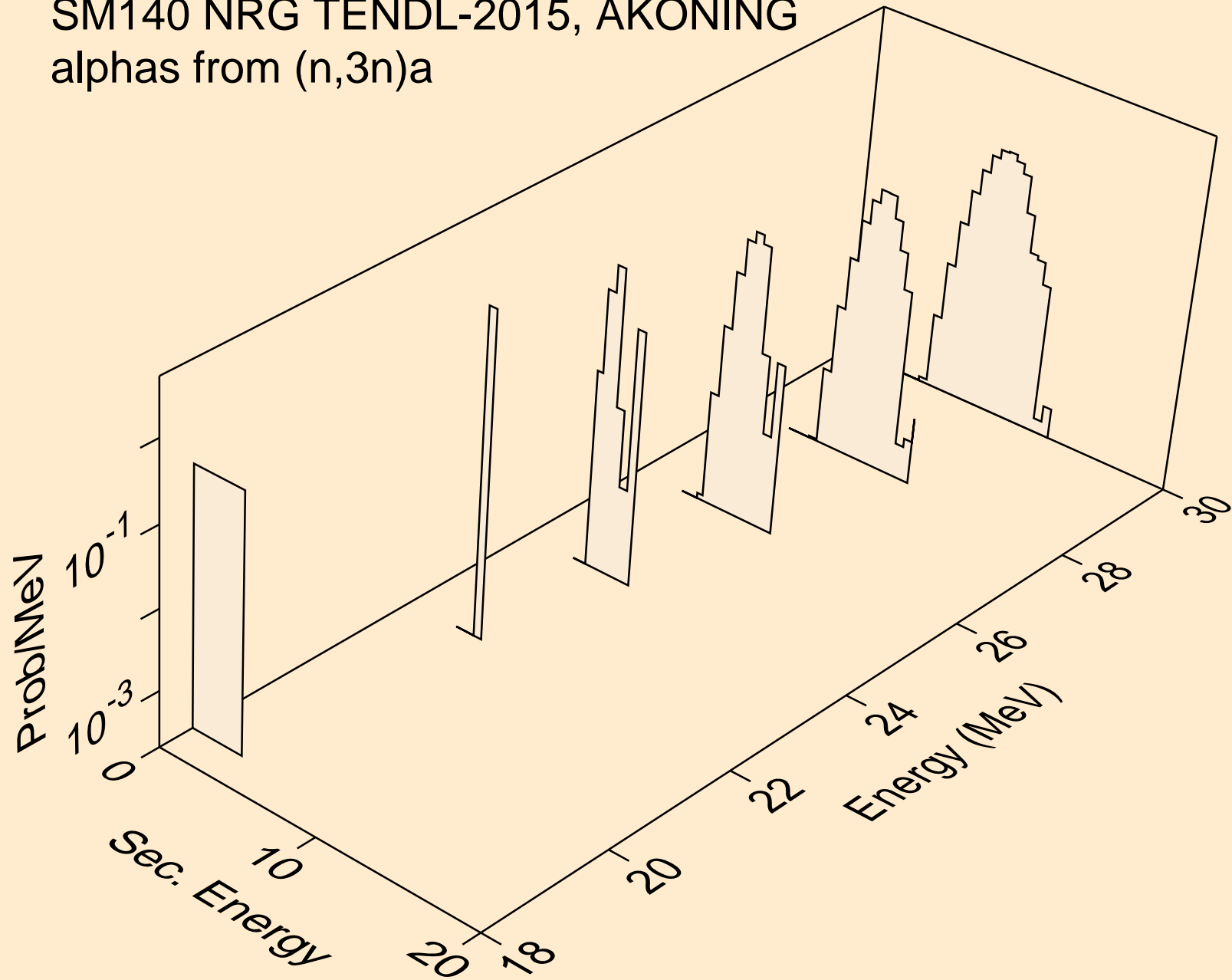




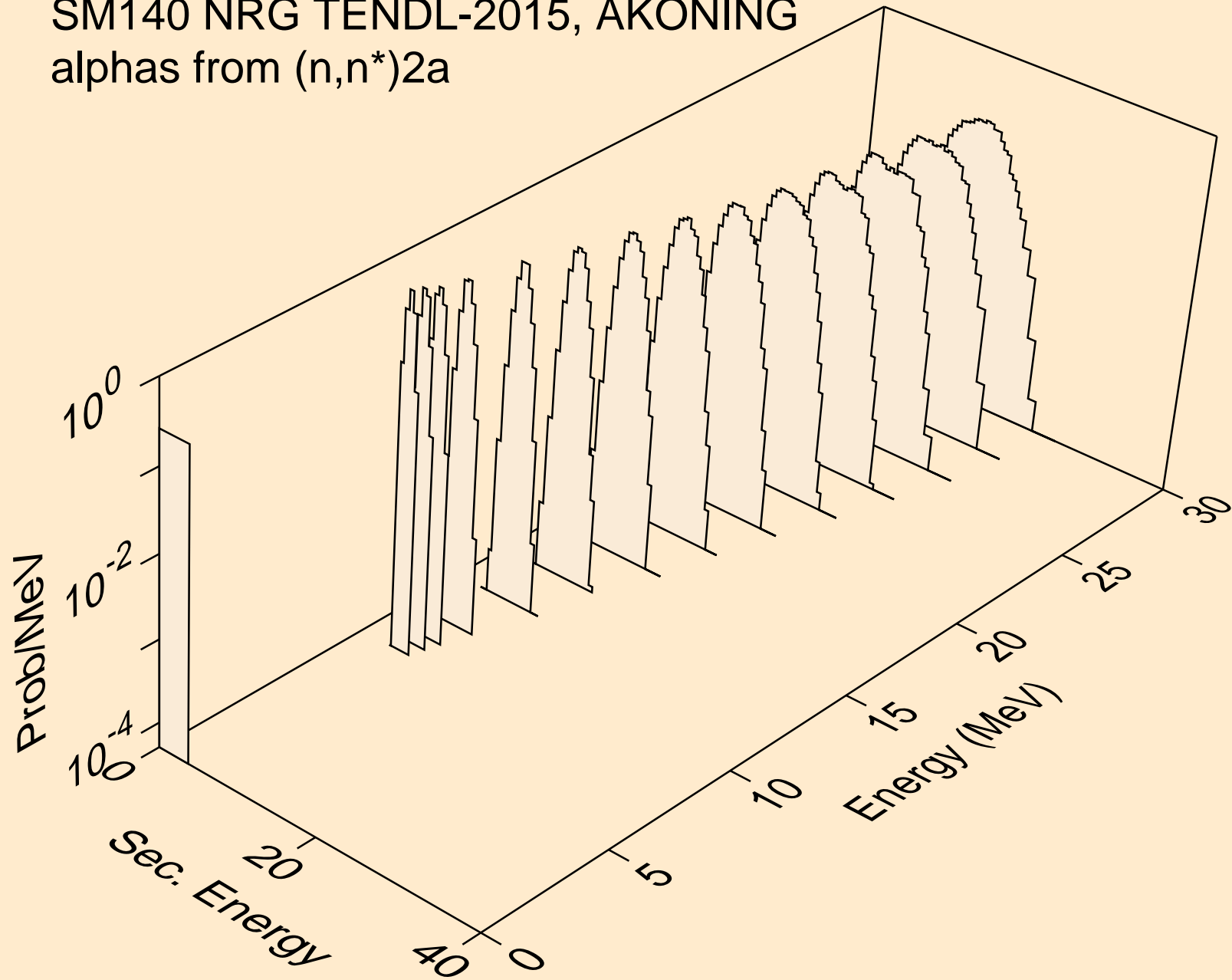
SM140 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



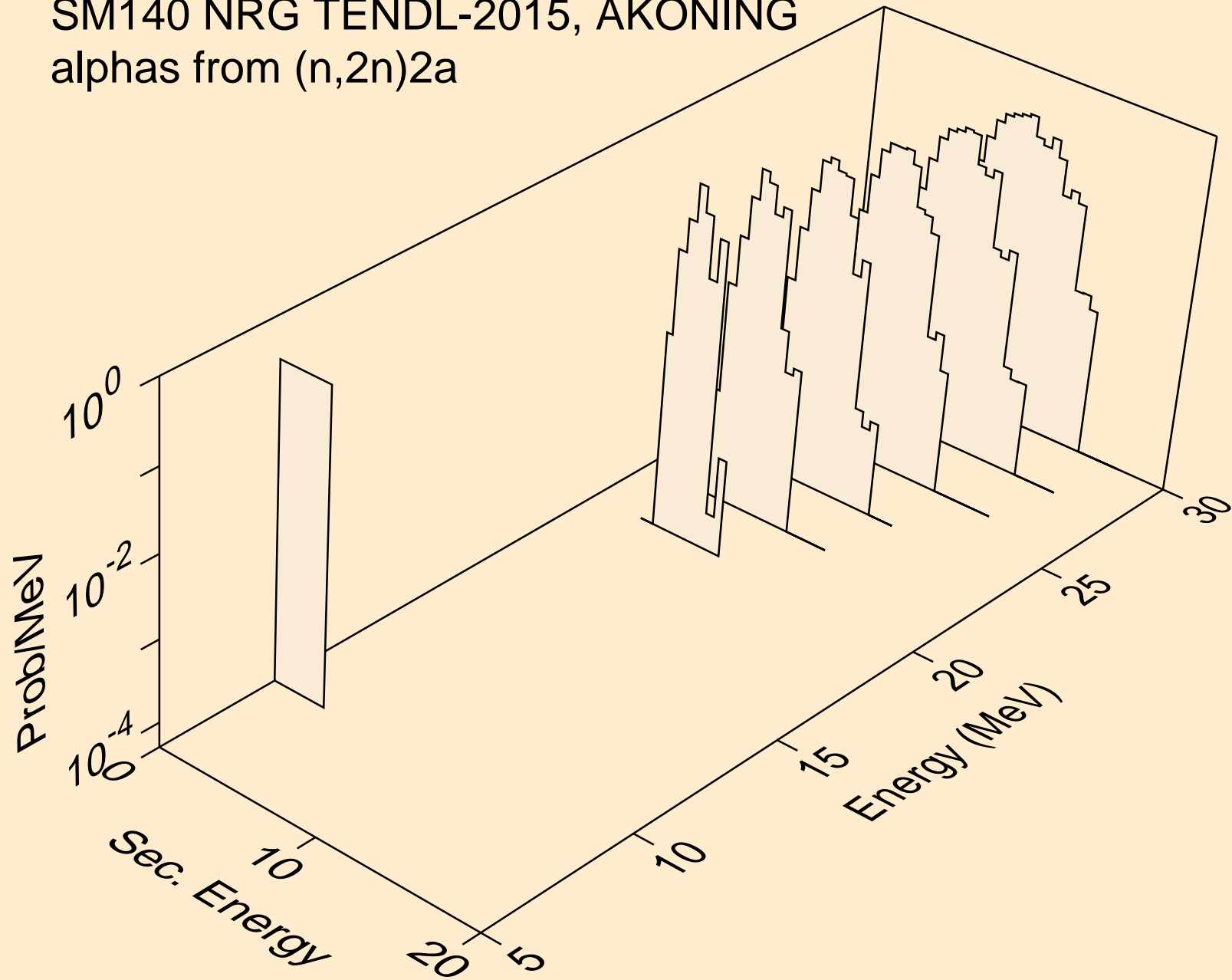
SM140 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



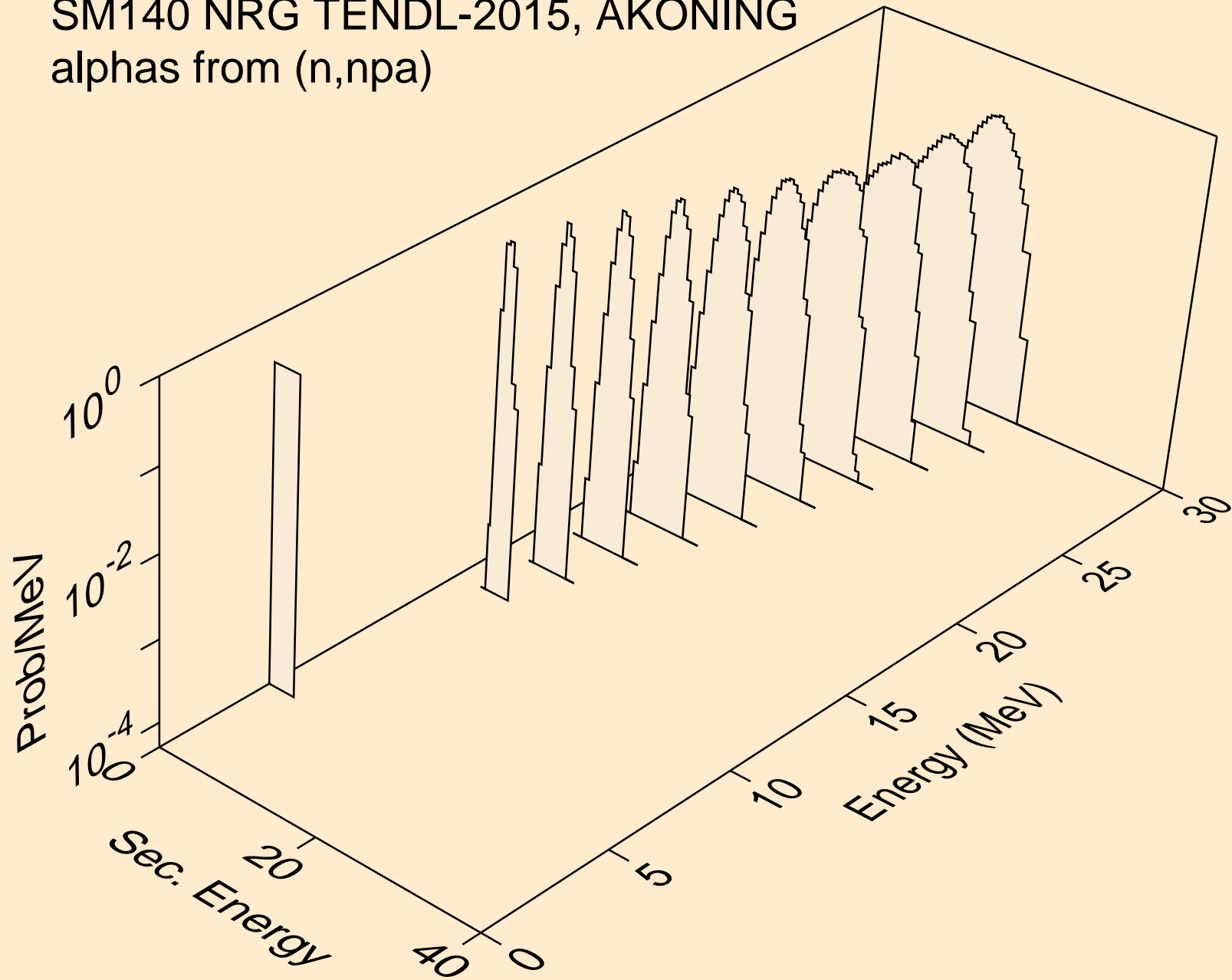
SM140 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



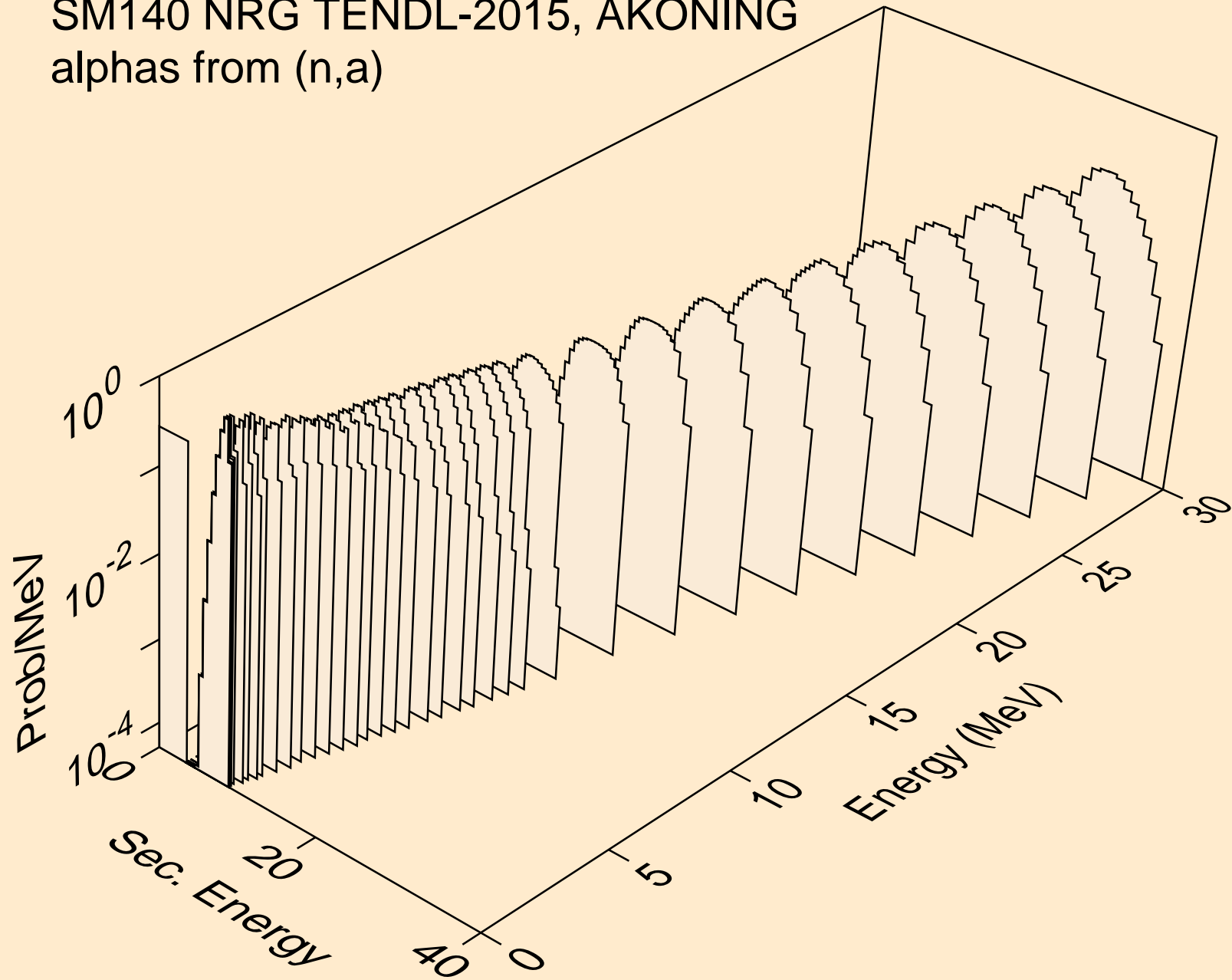
SM140 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



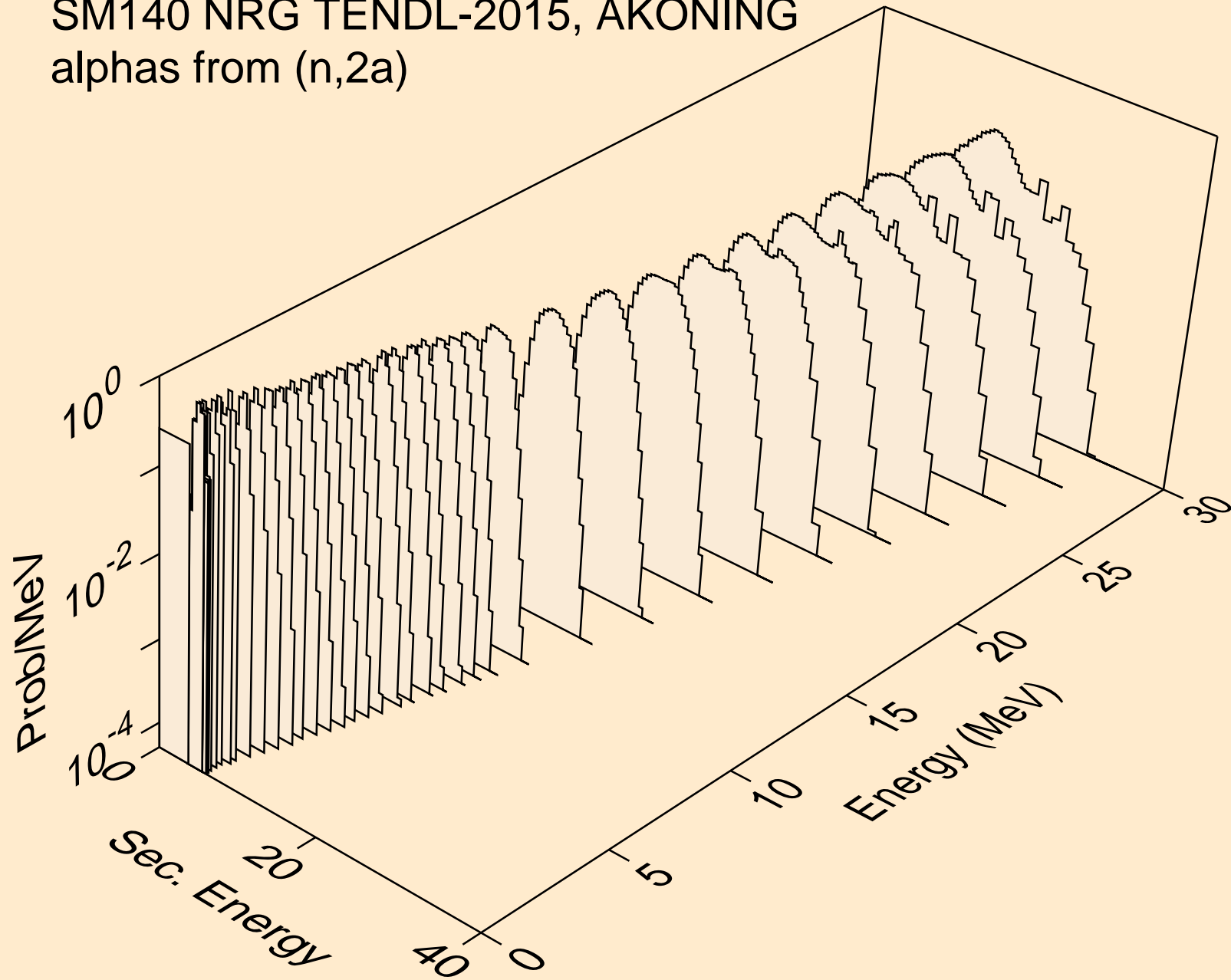
SM140 NRG TENDL-2015, AKONING  
alphas from (n,npa)



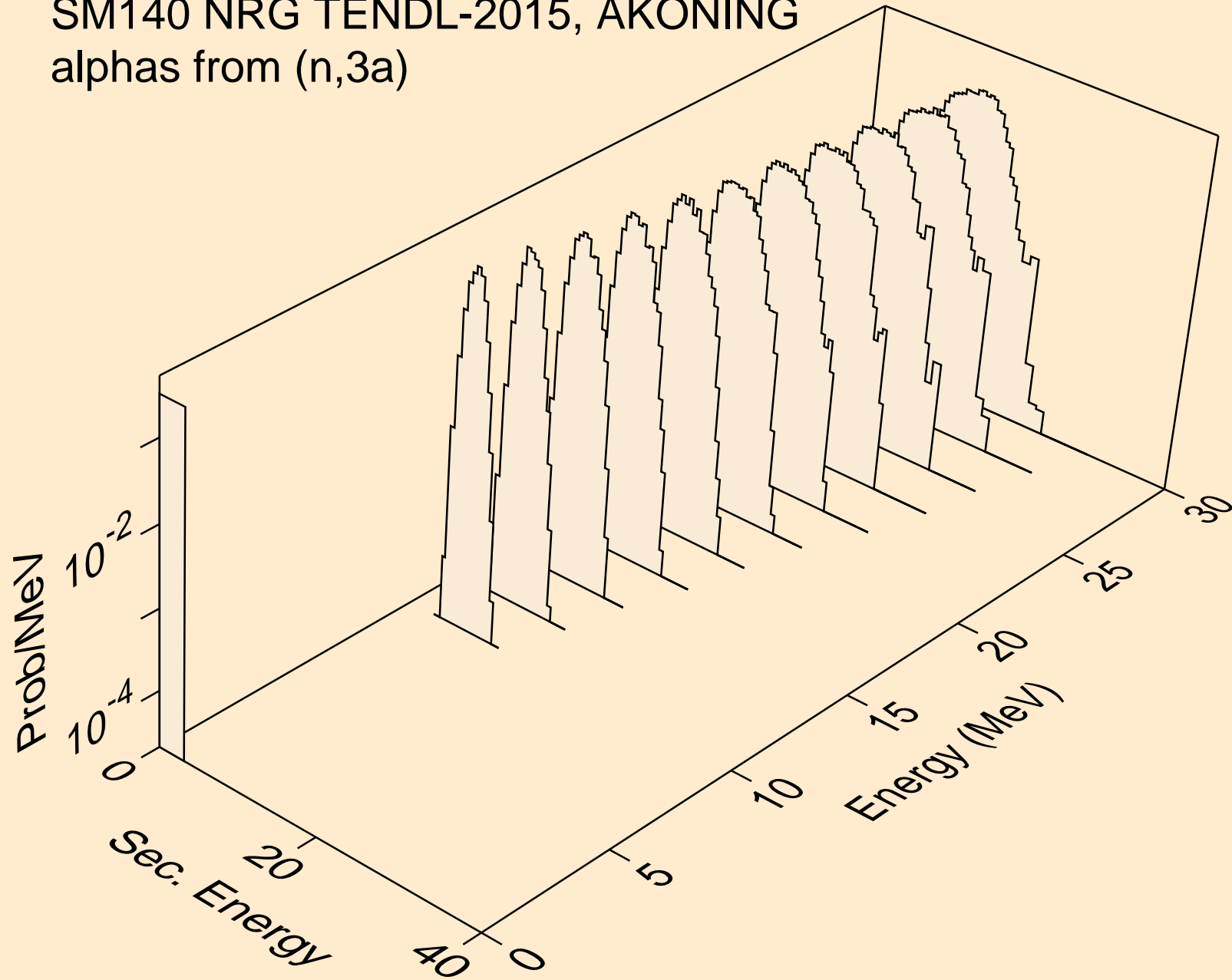
SM140 NRG TENDL-2015, AKONING  
alphas from (n,a)



SM140 NRG TENDL-2015, AKONING  
alphas from (n,2a)

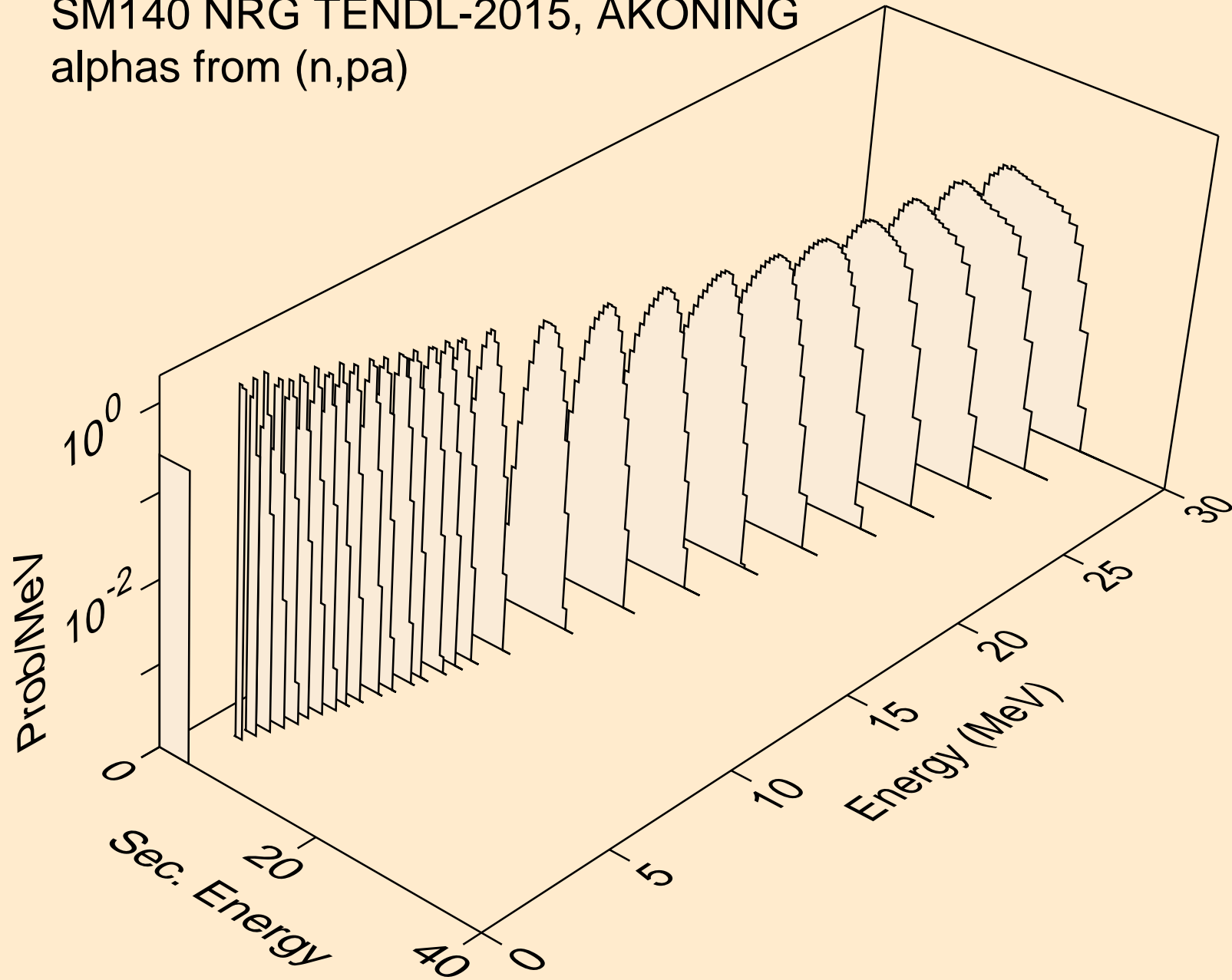


SM140 NRG TENDL-2015, AKONING  
alphas from (n,3a)





SM140 NRG TENDL-2015, AKONING  
alphas from (n,pa)



SM140 NRG TENDL-2015, AKONING  
alphas from (n,da)

