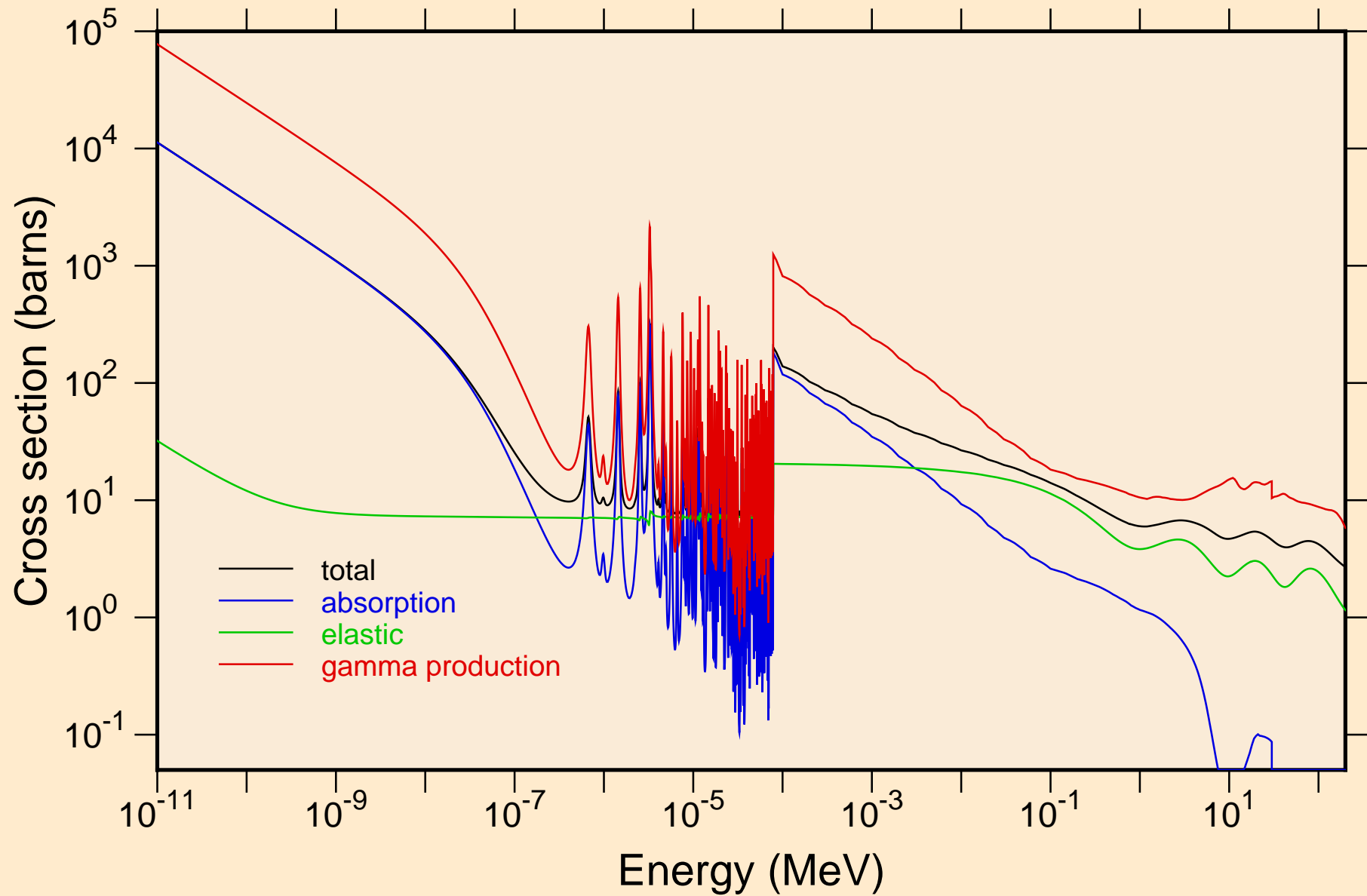
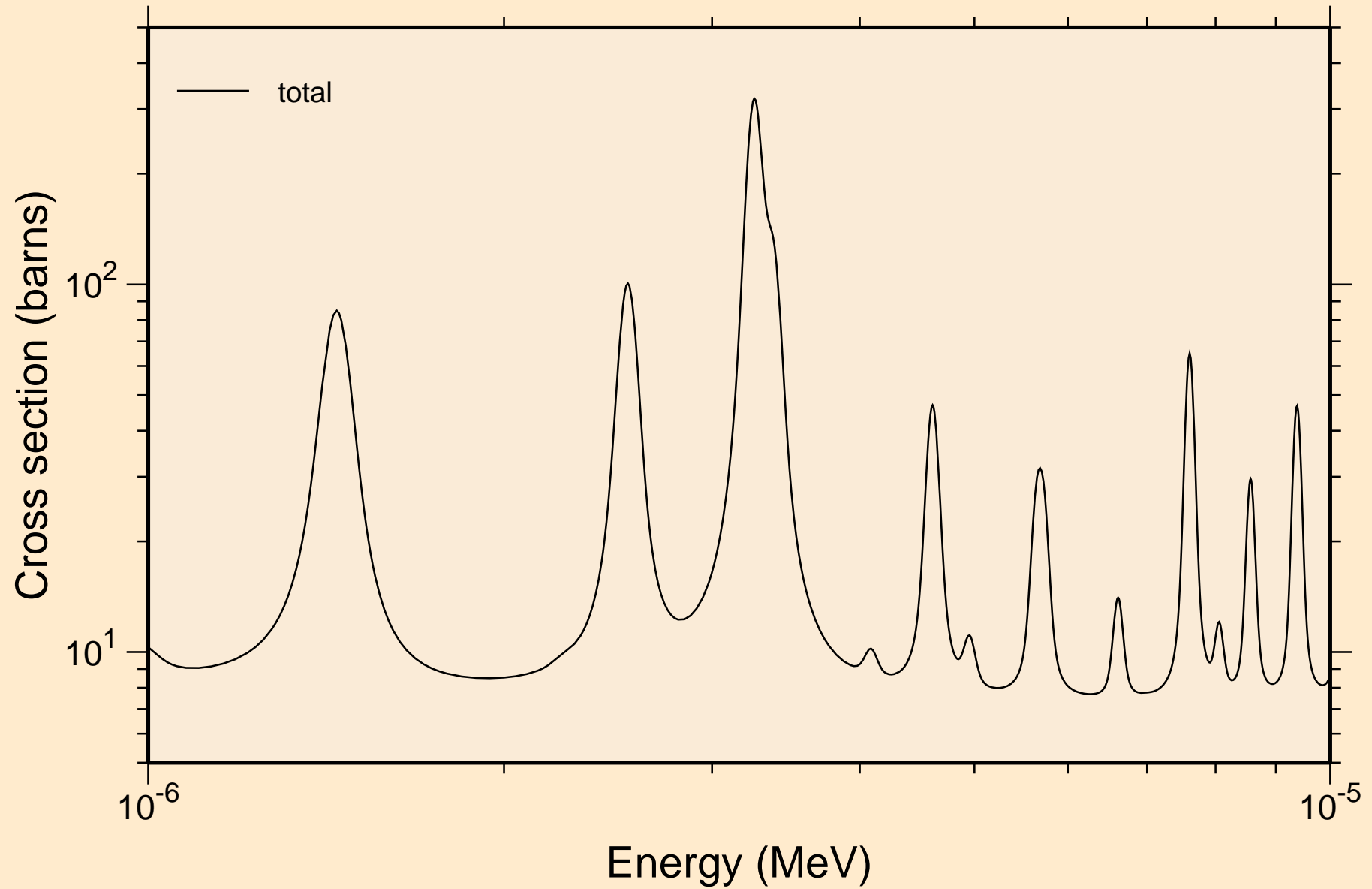


# RE177 NRG TENDL-2015, AKONING

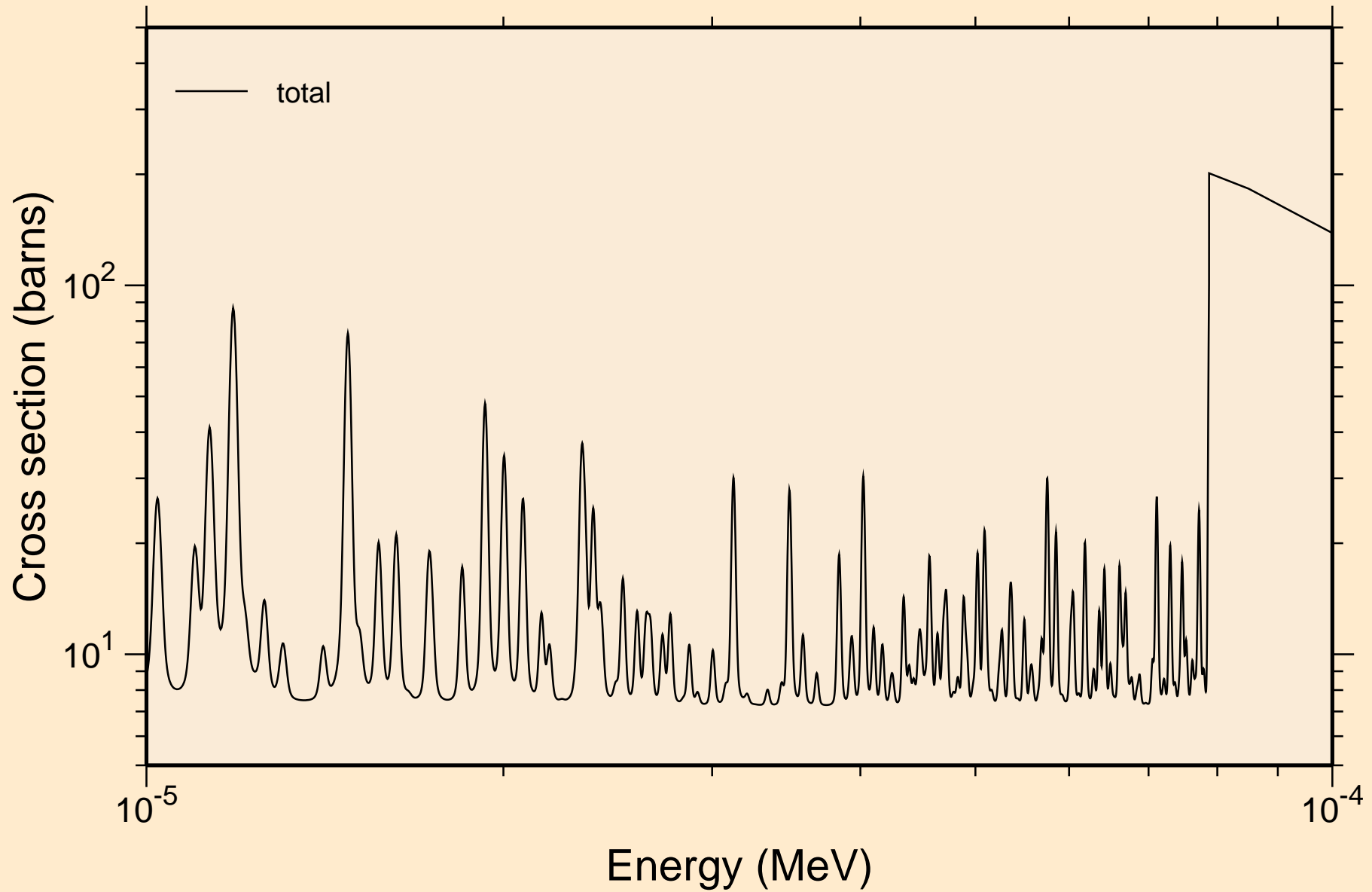
## Principal cross sections



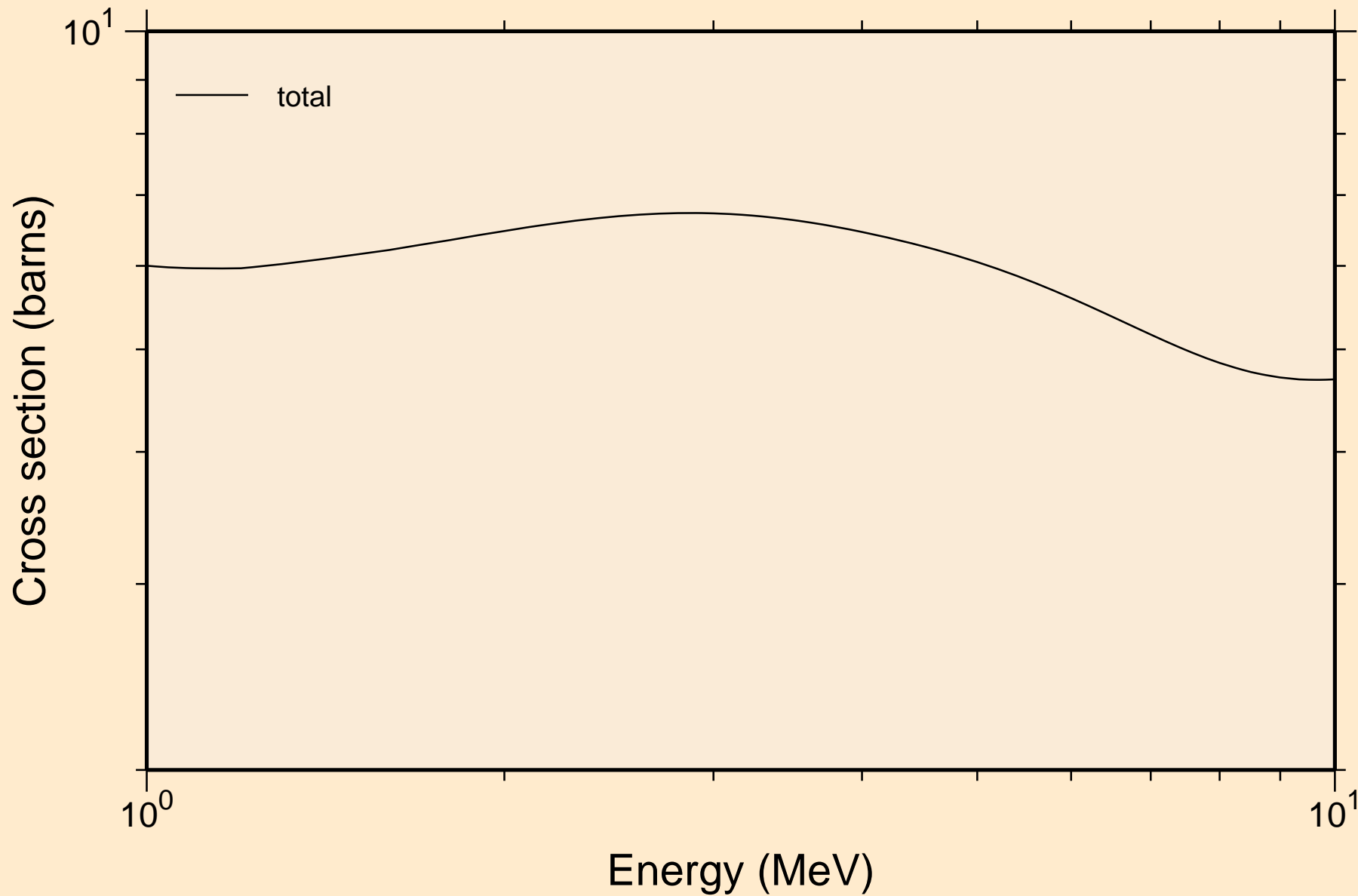
RE177 NRG TENDL-2015, AKONING  
resonance total cross section



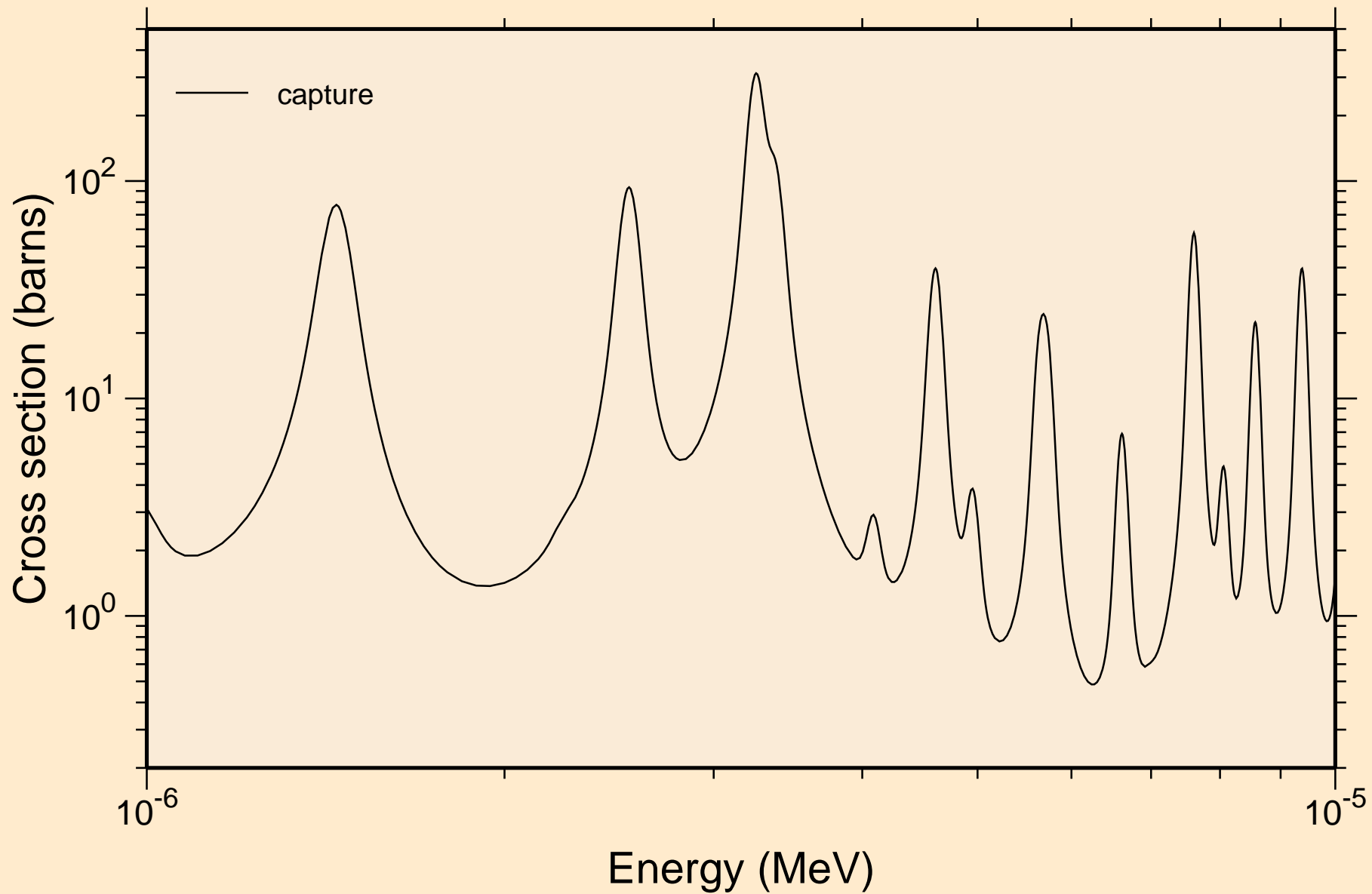
RE177 NRG TENDL-2015, AKONING  
resonance total cross section



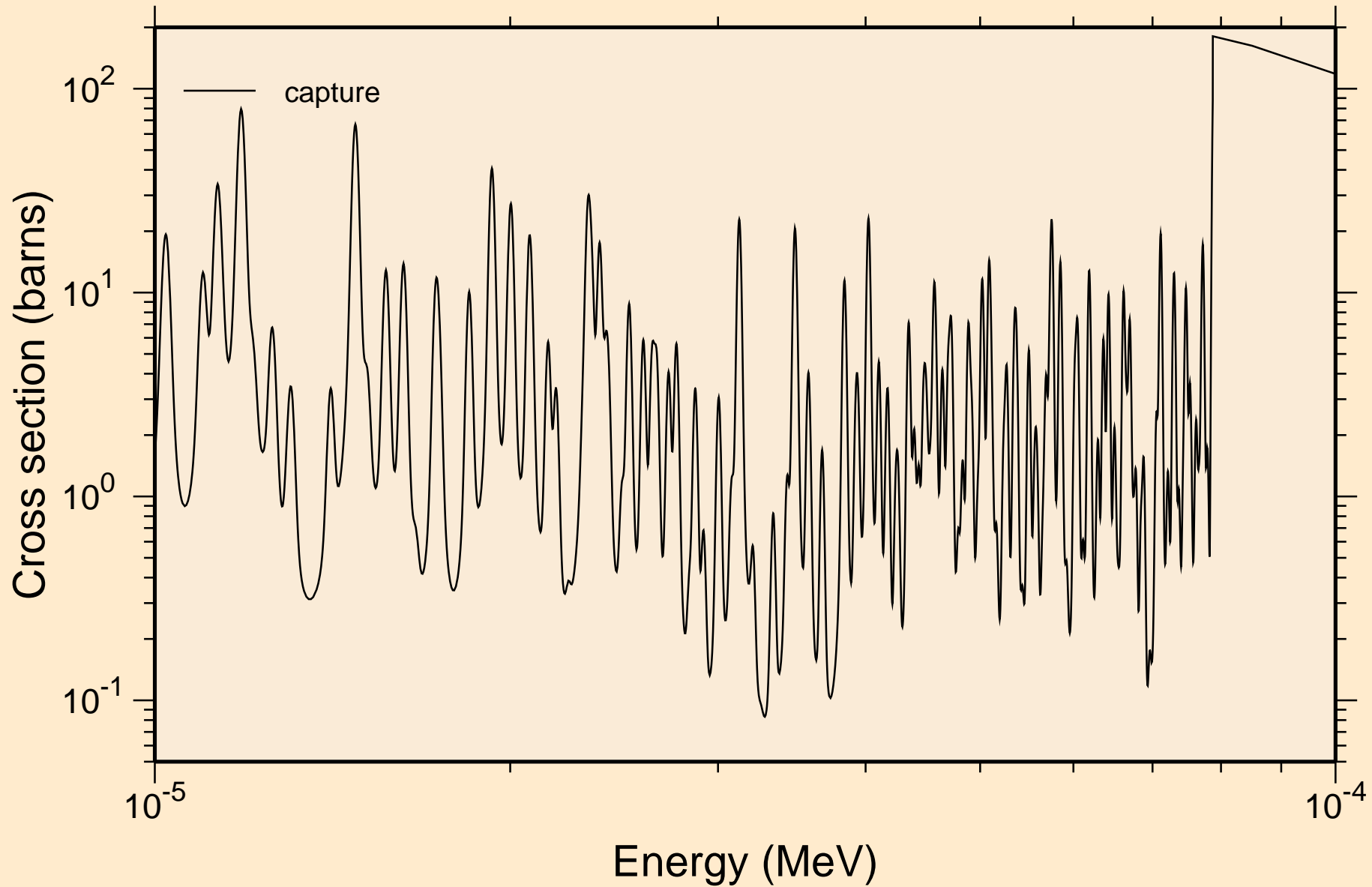
RE177 NRG TENDL-2015, AKONING  
resonance total cross section



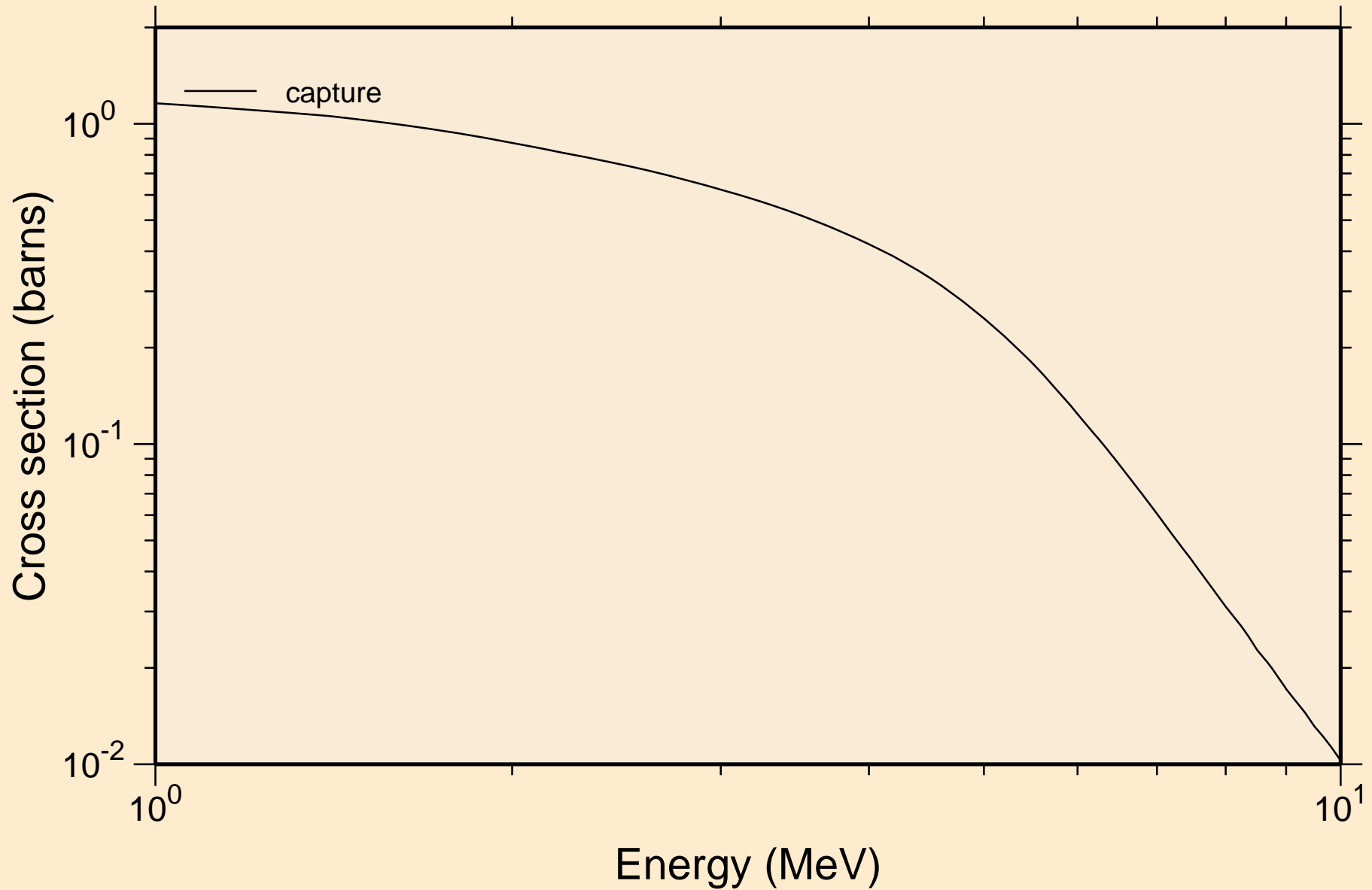
RE177 NRG TENDL-2015, AKONING  
resonance absorption cross sections



RE177 NRG TENDL-2015, AKONING  
resonance absorption cross sections

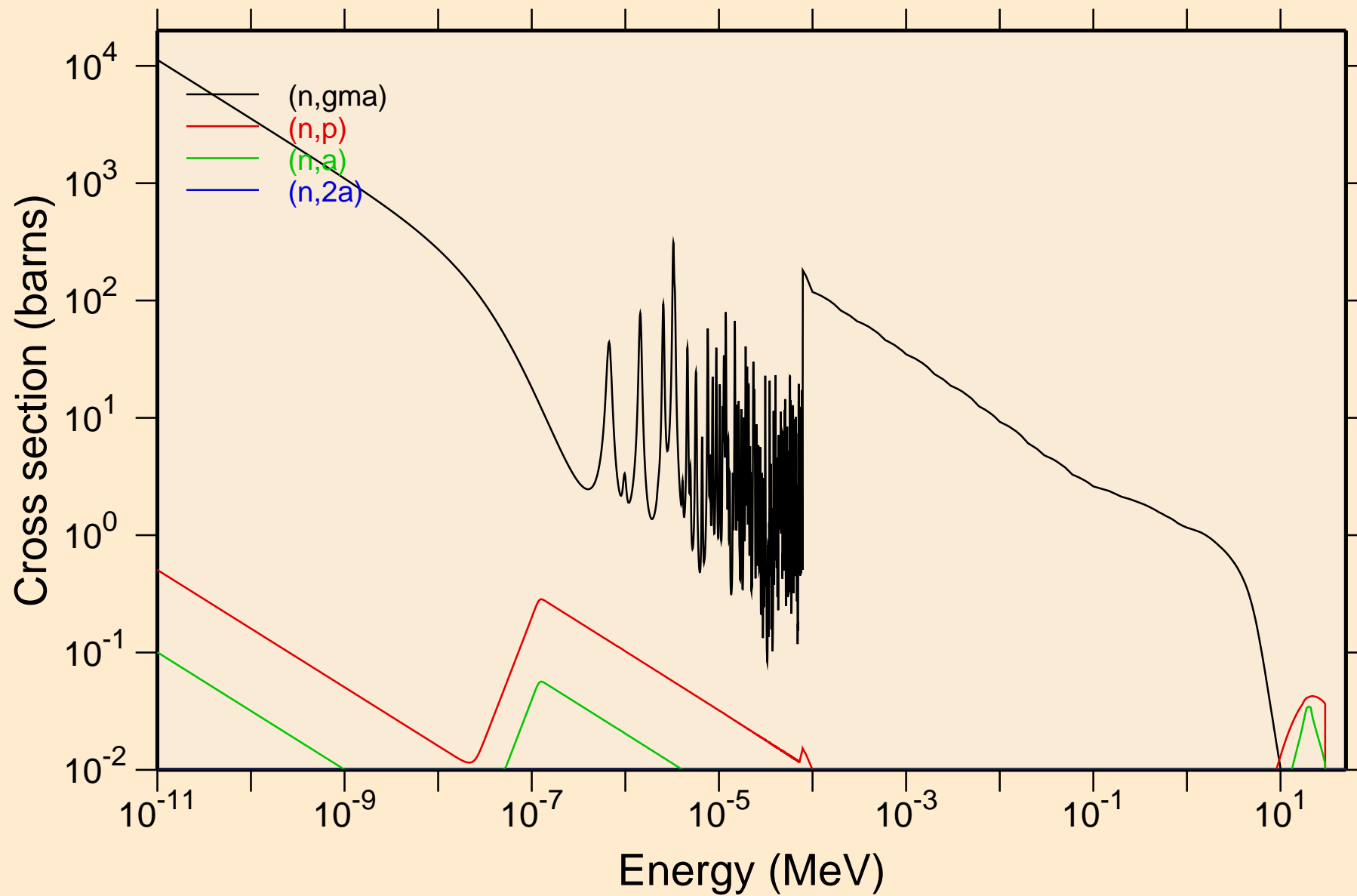


RE177 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# RE177 NRG TENDL-2015, AKONING

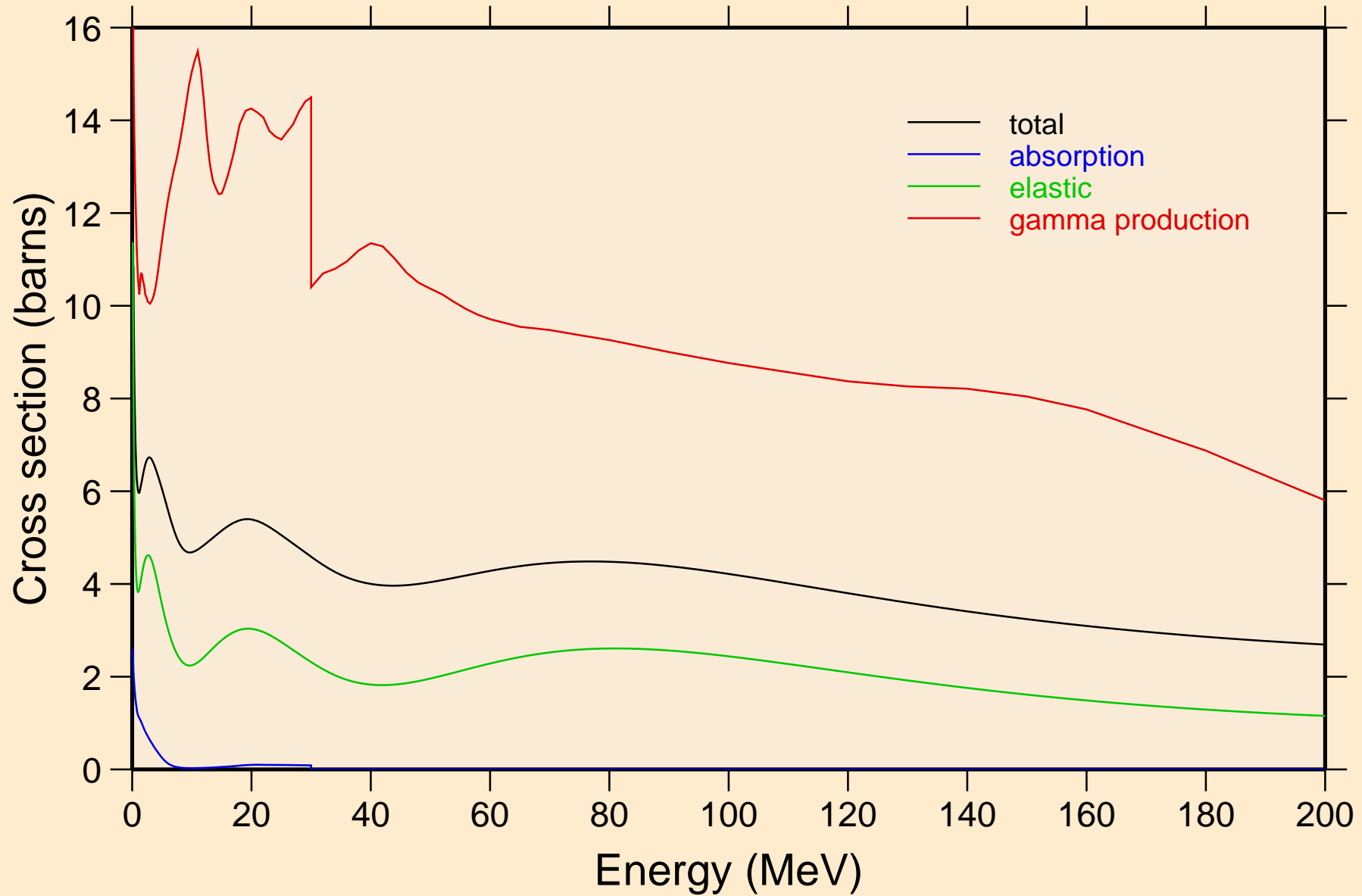
## Non-threshold reactions





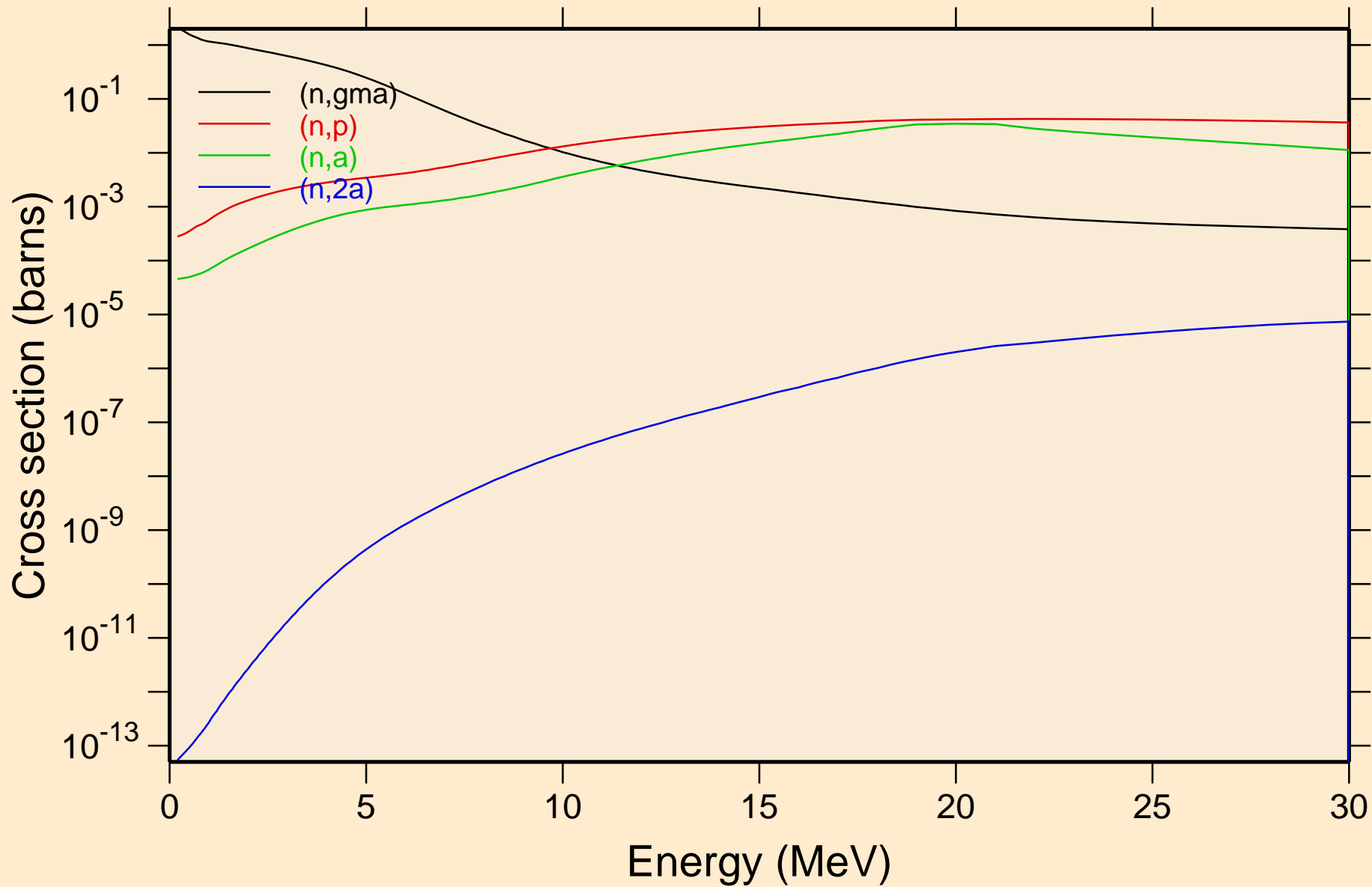
# RE177 NRG TENDL-2015, AKONING

## Principal cross sections



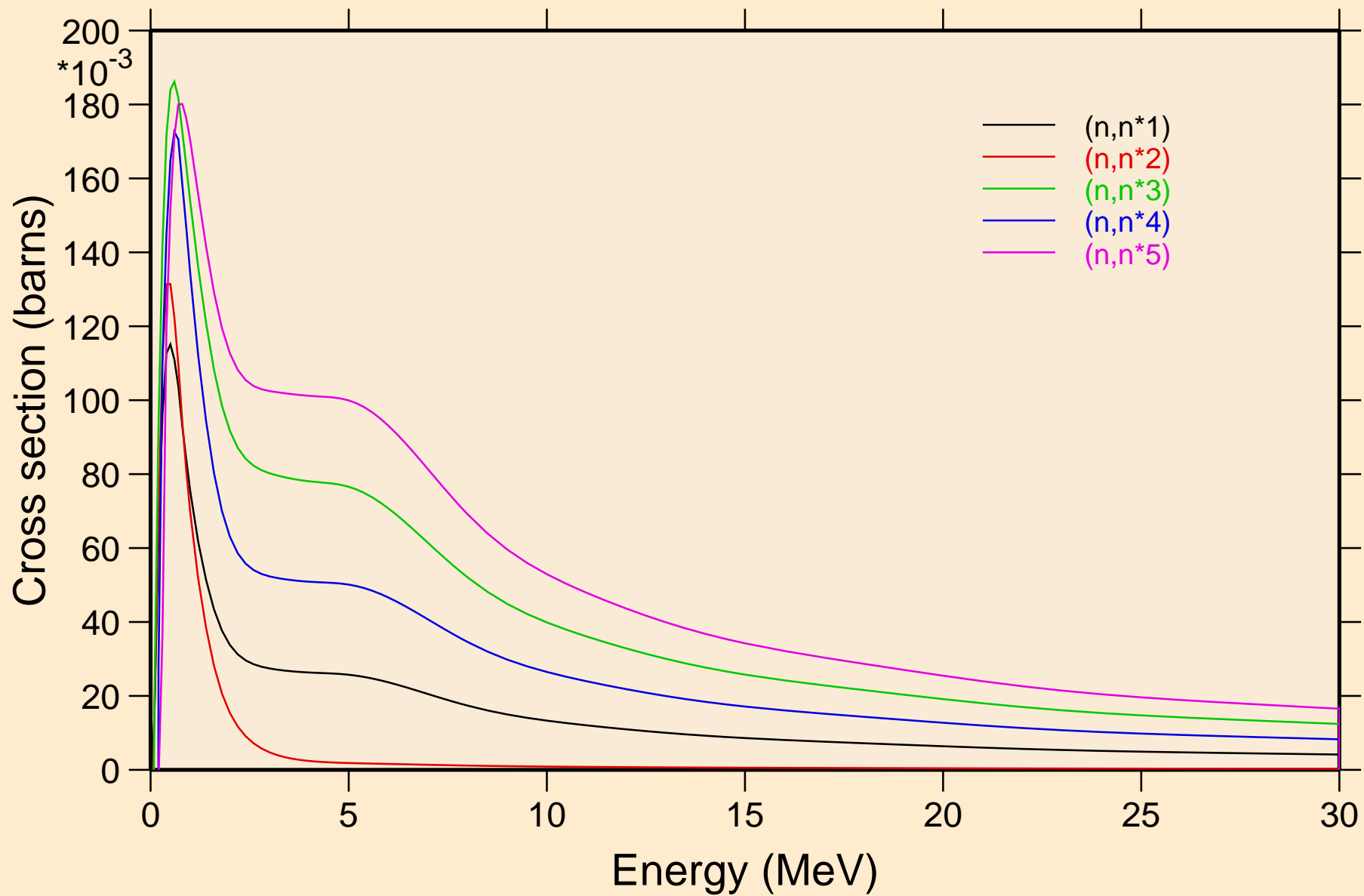
# RE177 NRG TENDL-2015, AKONING

## Non-threshold reactions



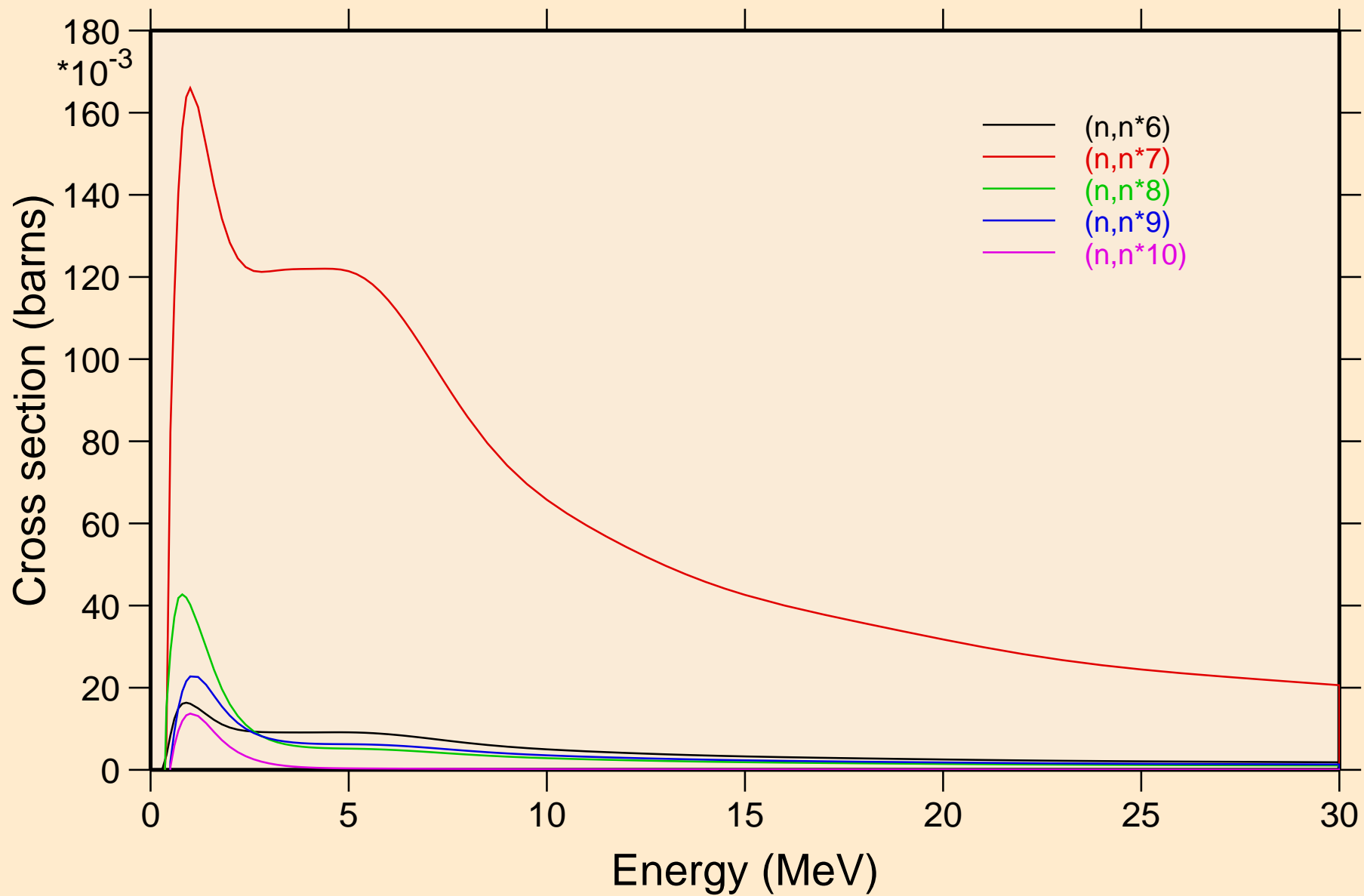
# RE177 NRG TENDL-2015, AKONING

## Inelastic levels



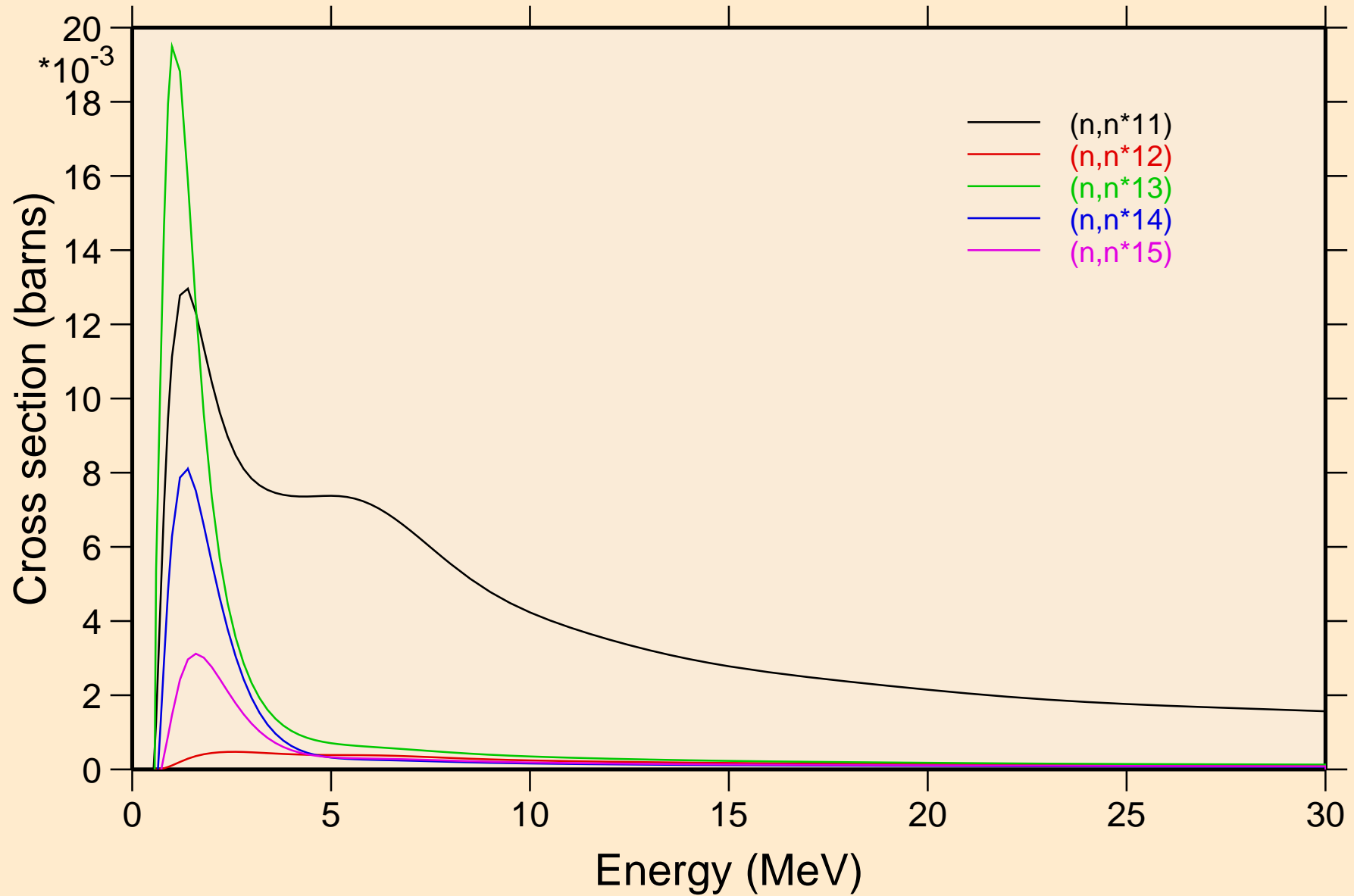
# RE177 NRG TENDL-2015, AKONING

## Inelastic levels



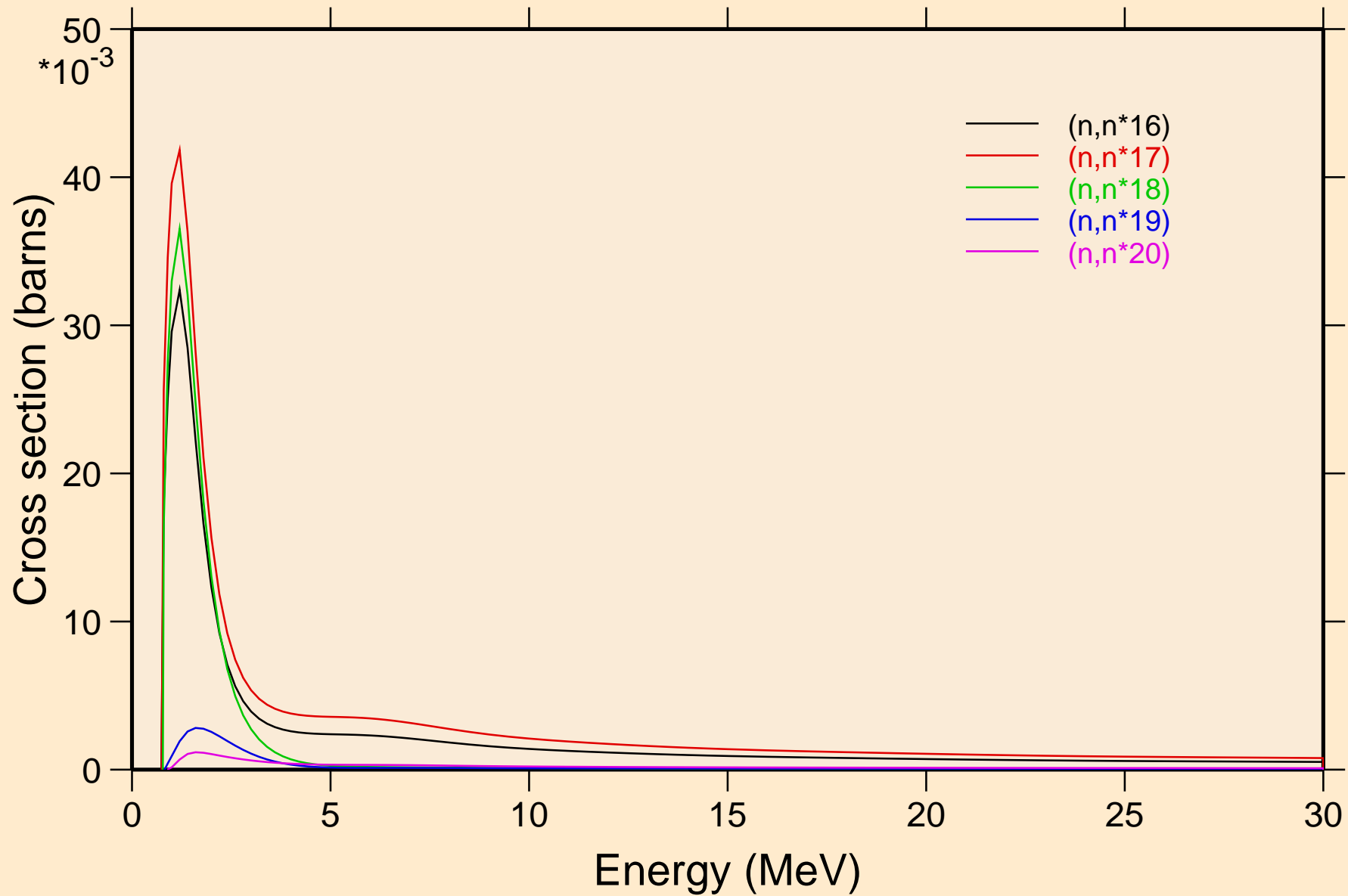
# RE177 NRG TENDL-2015, AKONING

## Inelastic levels



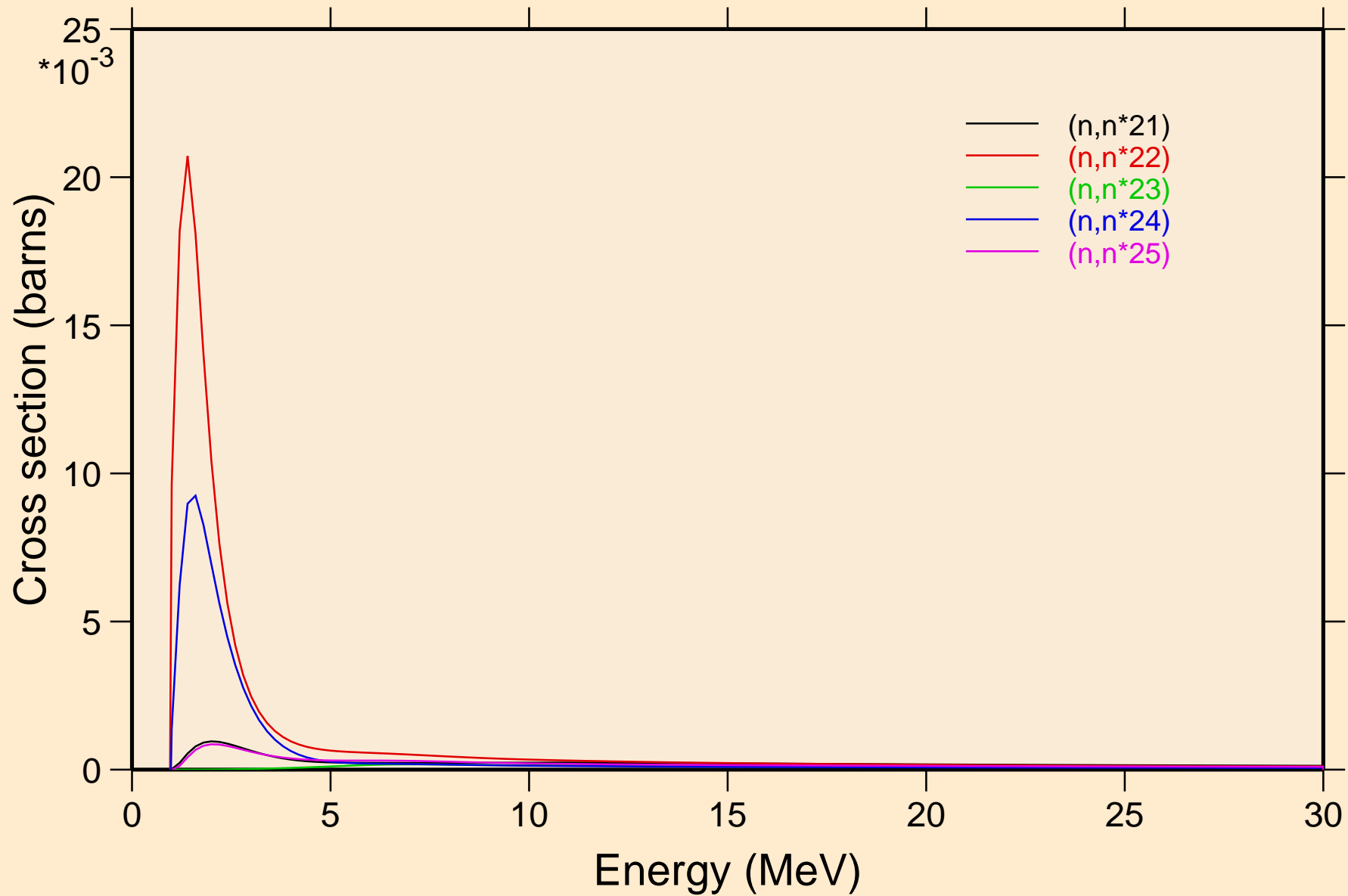
# RE177 NRG TENDL-2015, AKONING

## Inelastic levels



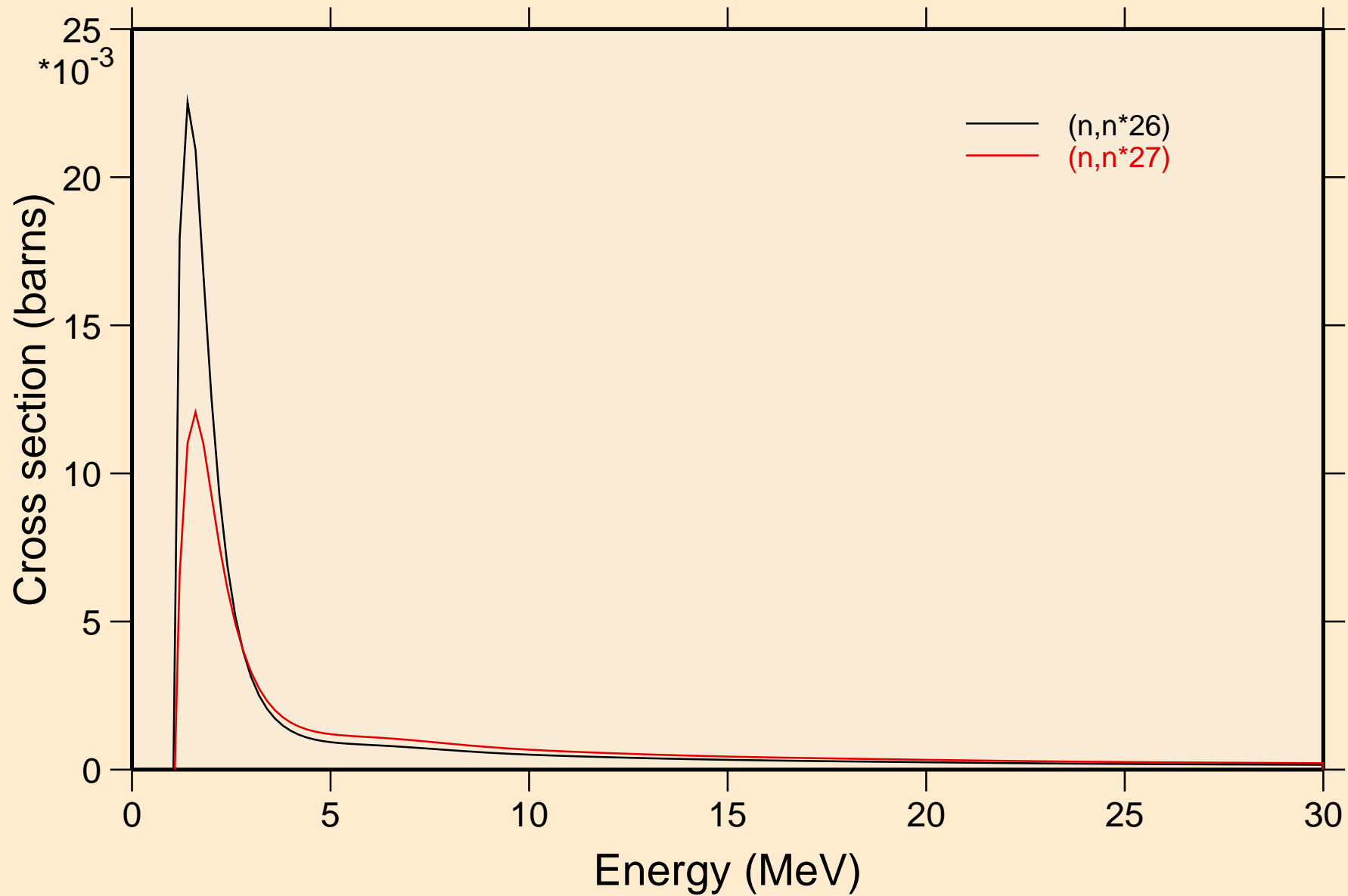
# RE177 NRG TENDL-2015, AKONING

## Inelastic levels



# RE177 NRG TENDL-2015, AKONING

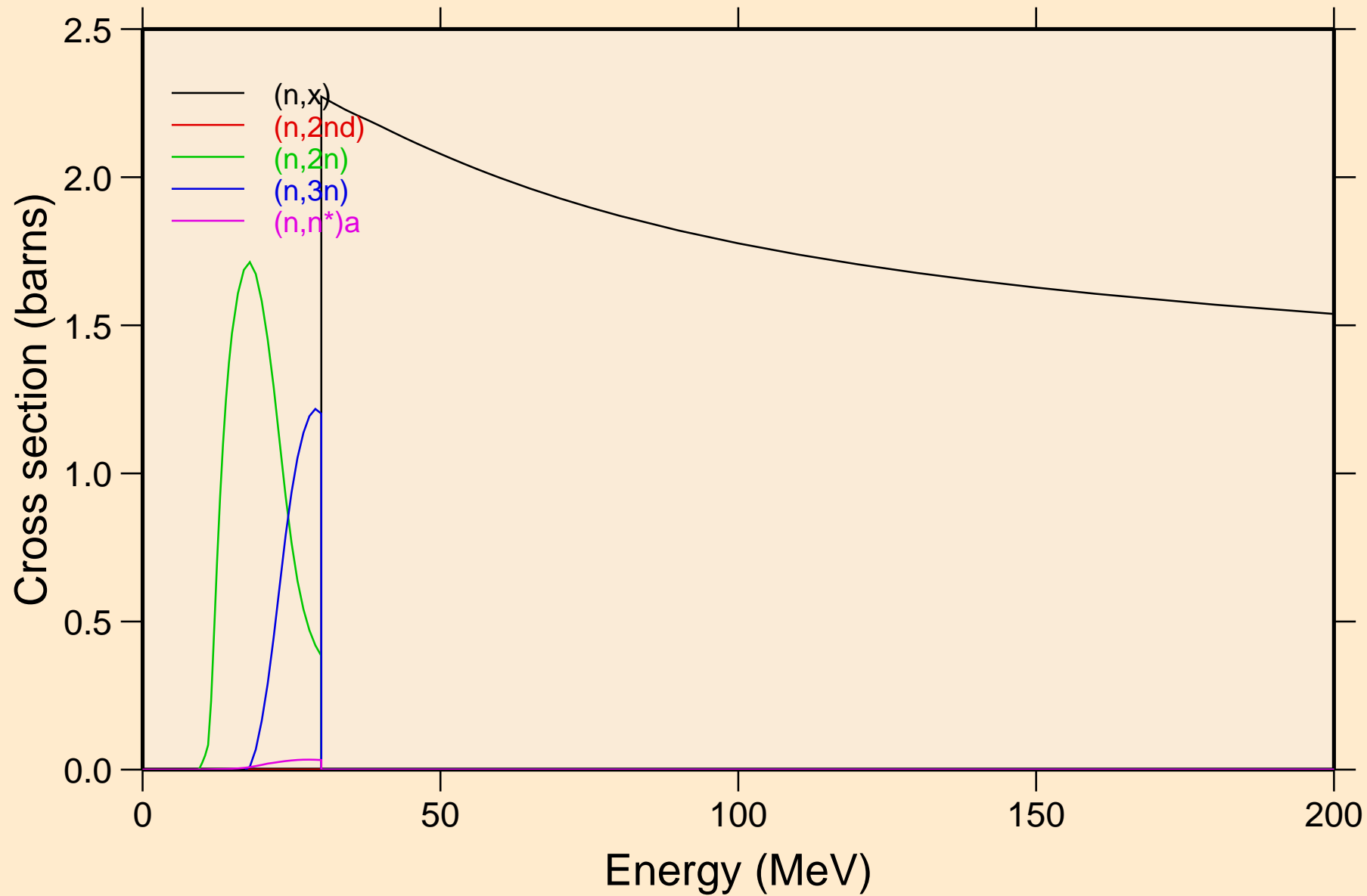
## Inelastic levels





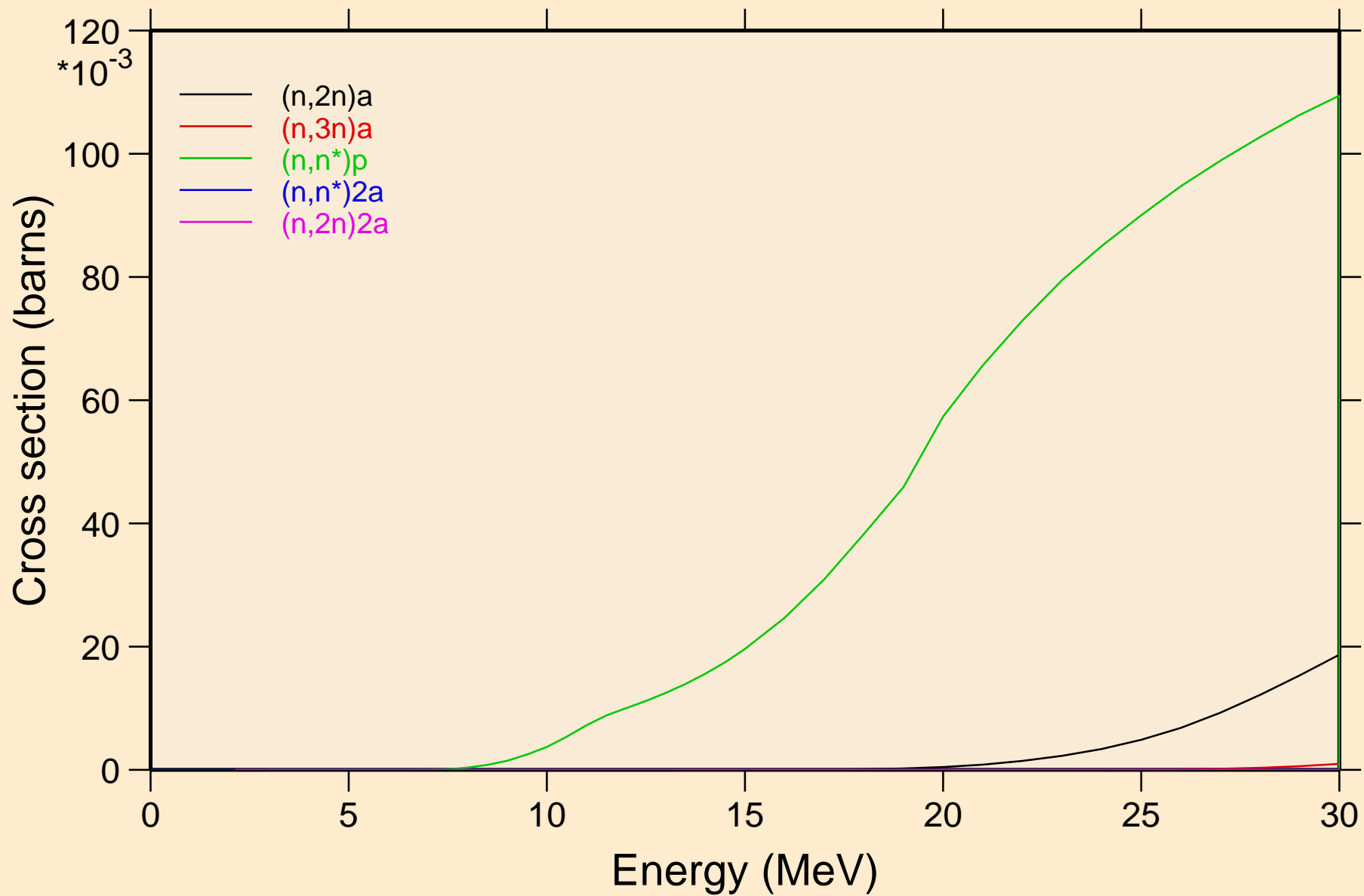
# RE177 NRG TENDL-2015, AKONING

## Threshold reactions



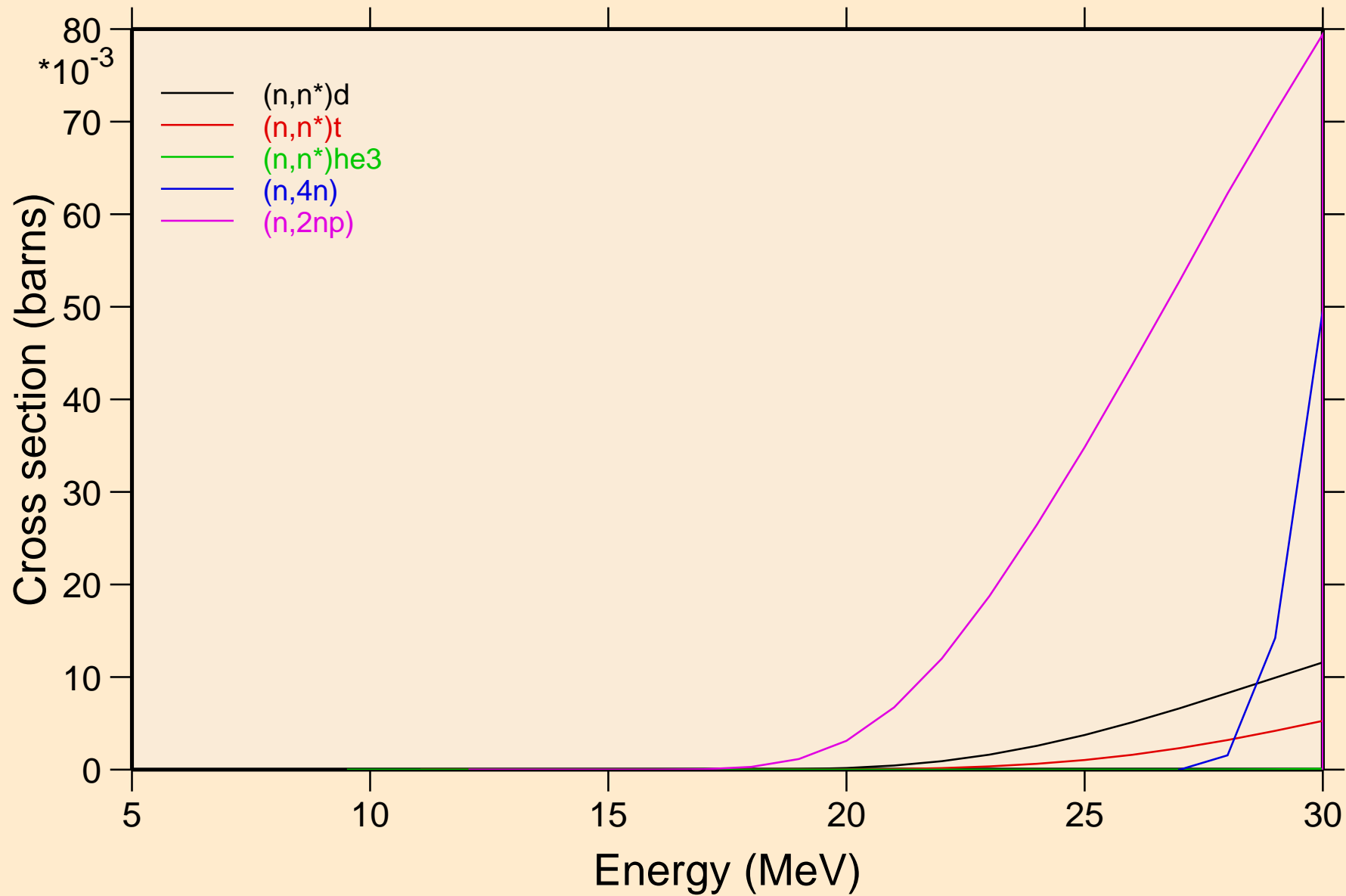
# RE177 NRG TENDL-2015, AKONING

## Threshold reactions



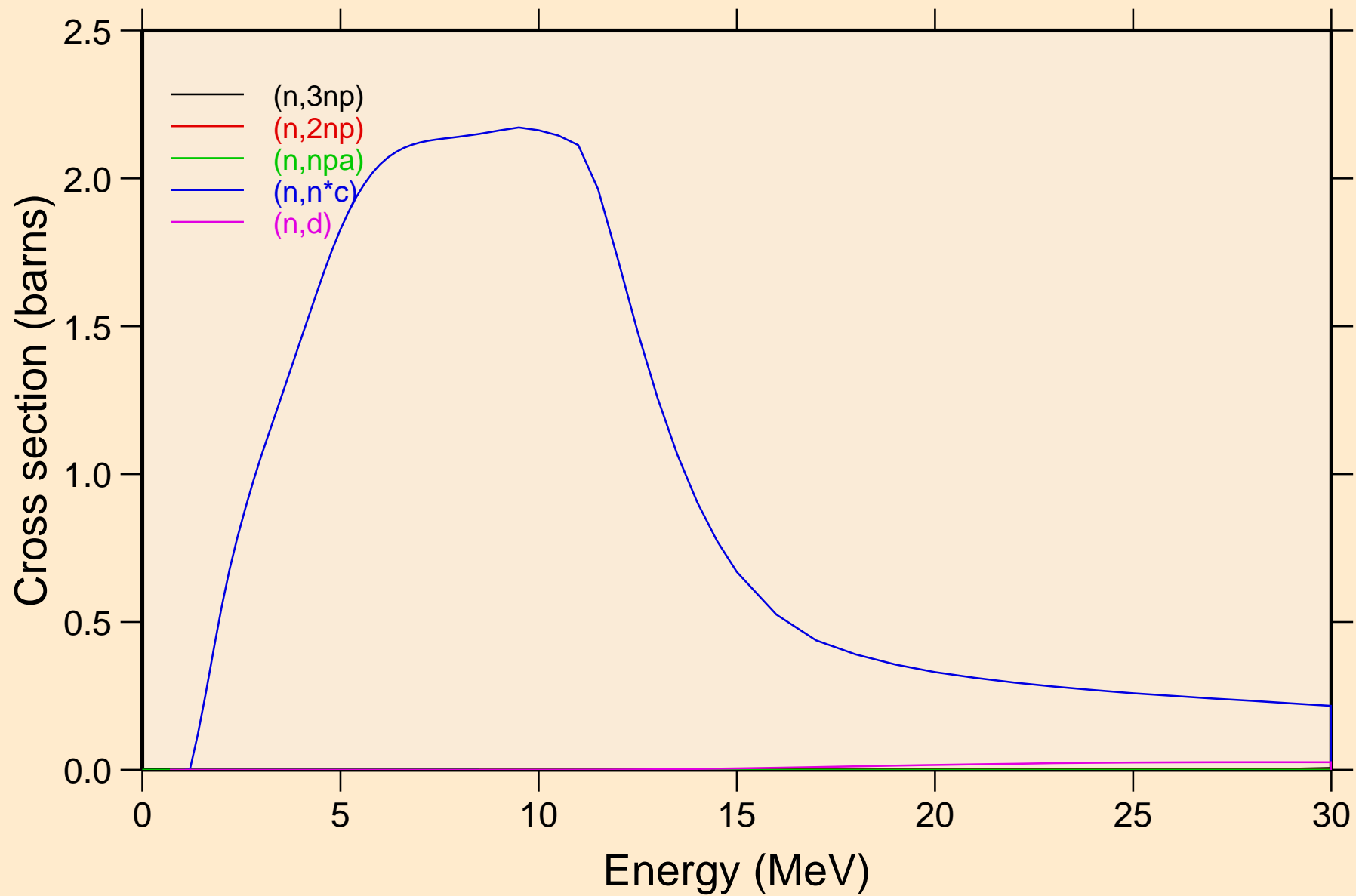
# RE177 NRG TENDL-2015, AKONING

## Threshold reactions



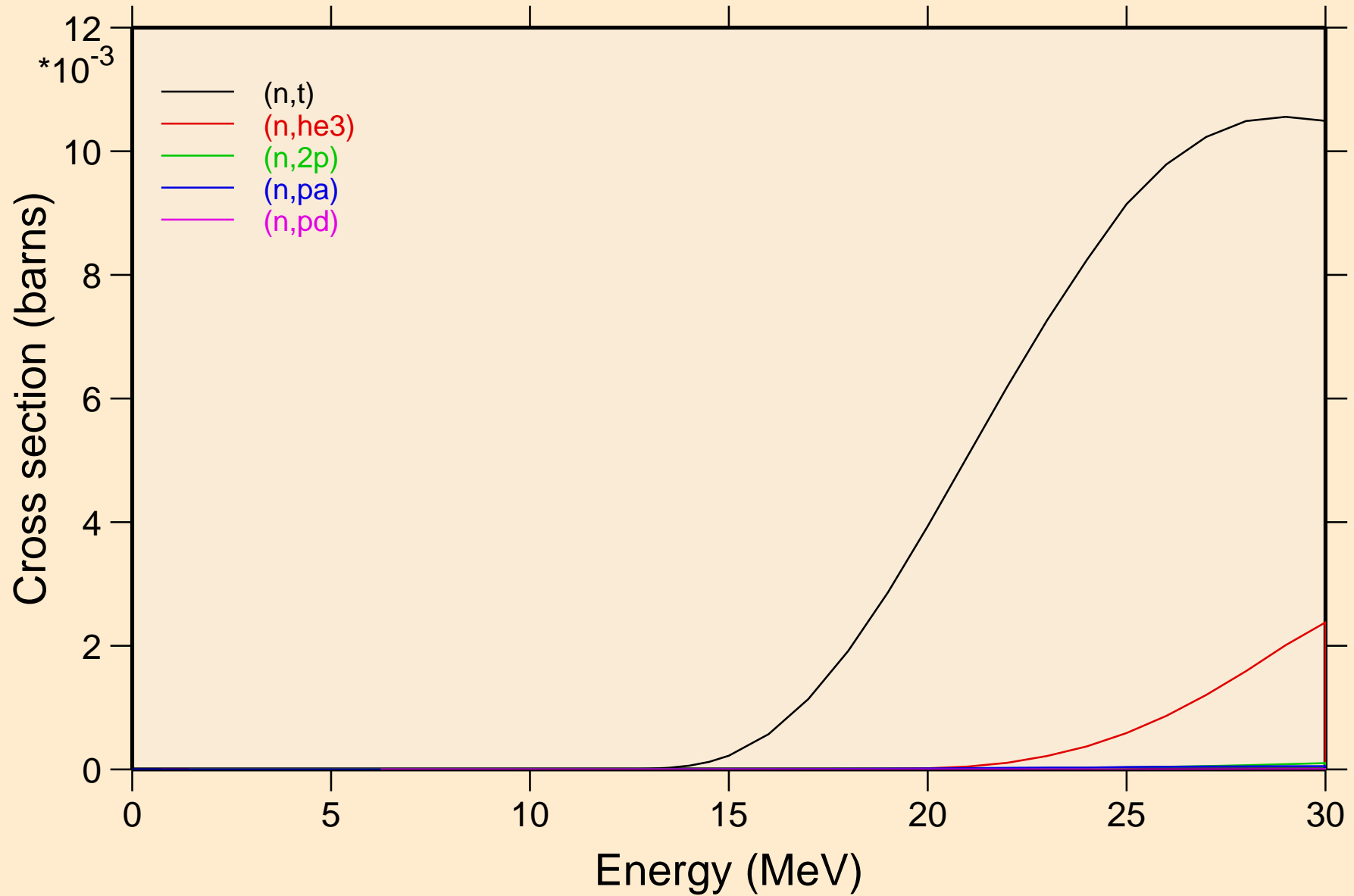
# RE177 NRG TENDL-2015, AKONING

## Threshold reactions



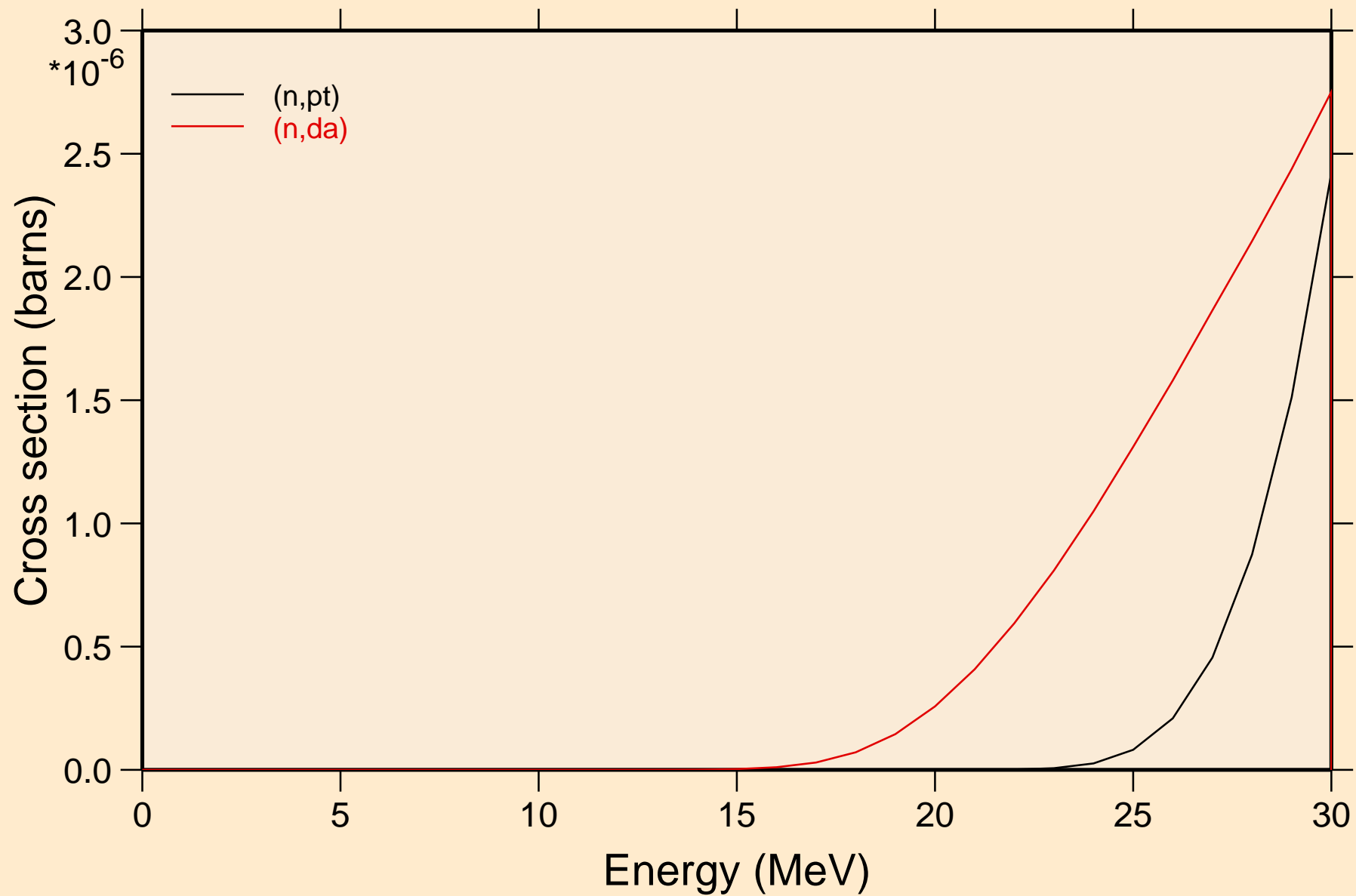
# RE177 NRG TENDL-2015, AKONING

## Threshold reactions

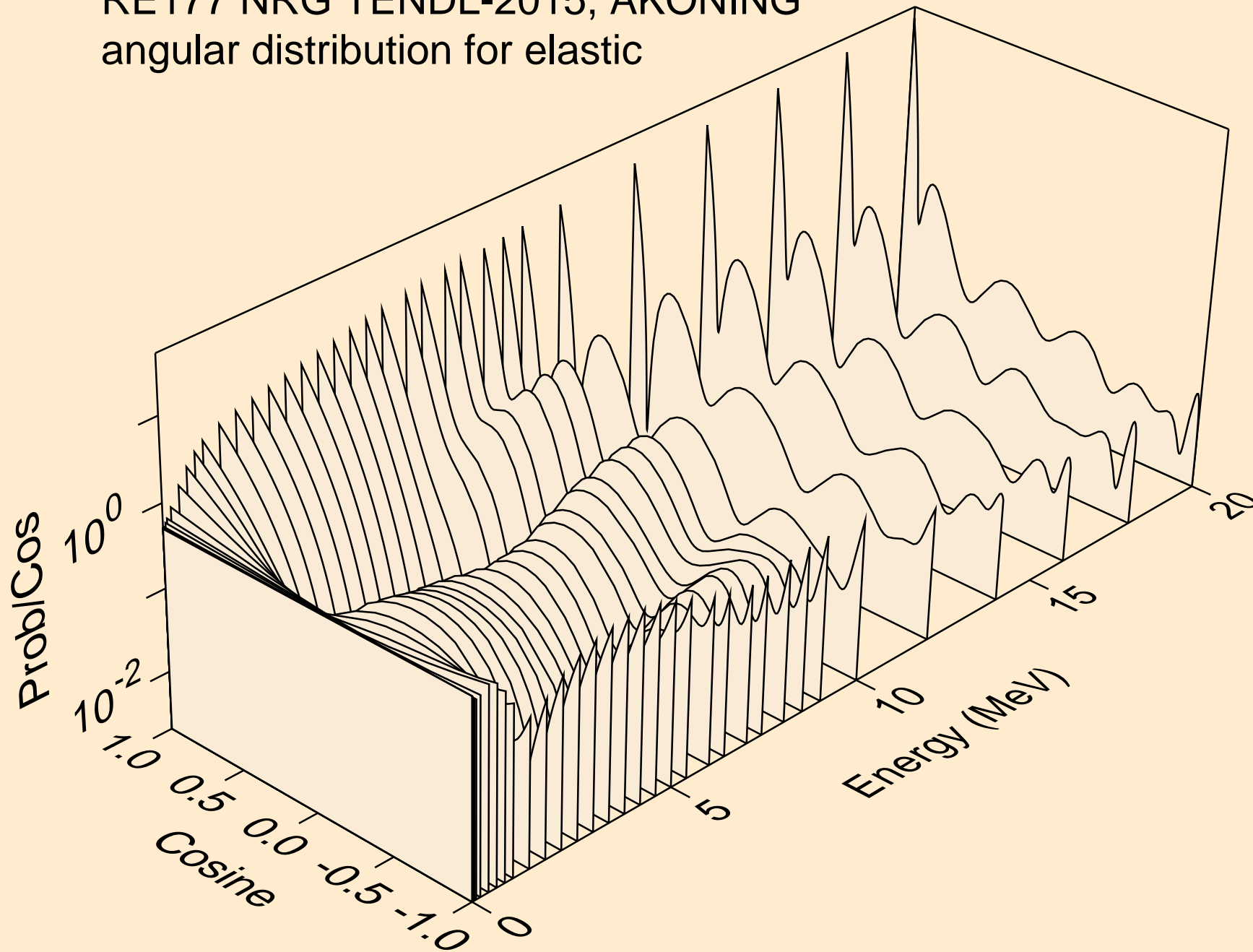


# RE177 NRG TENDL-2015, AKONING

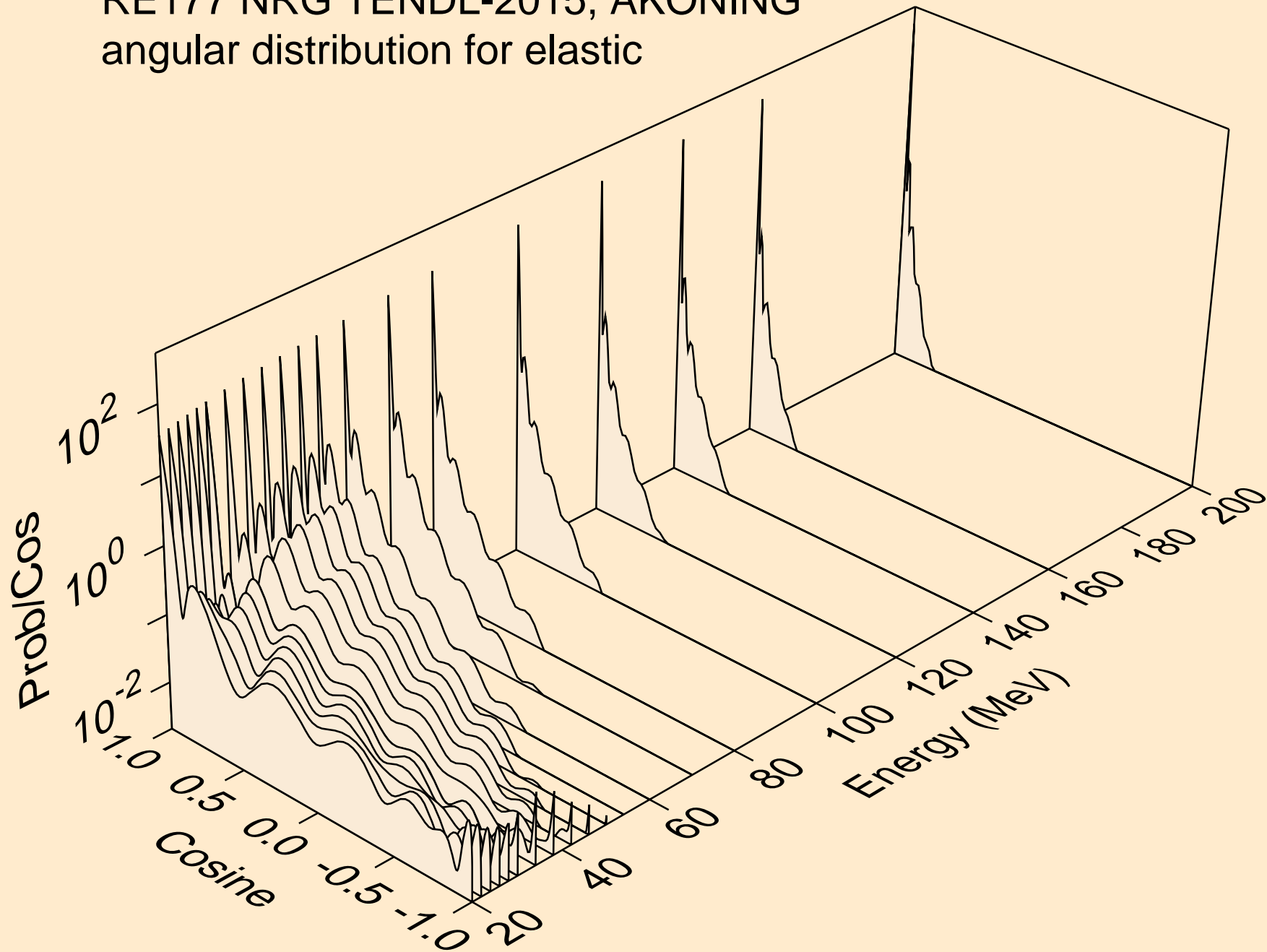
## Threshold reactions



RE177 NRG TENDL-2015, AKONING  
angular distribution for elastic

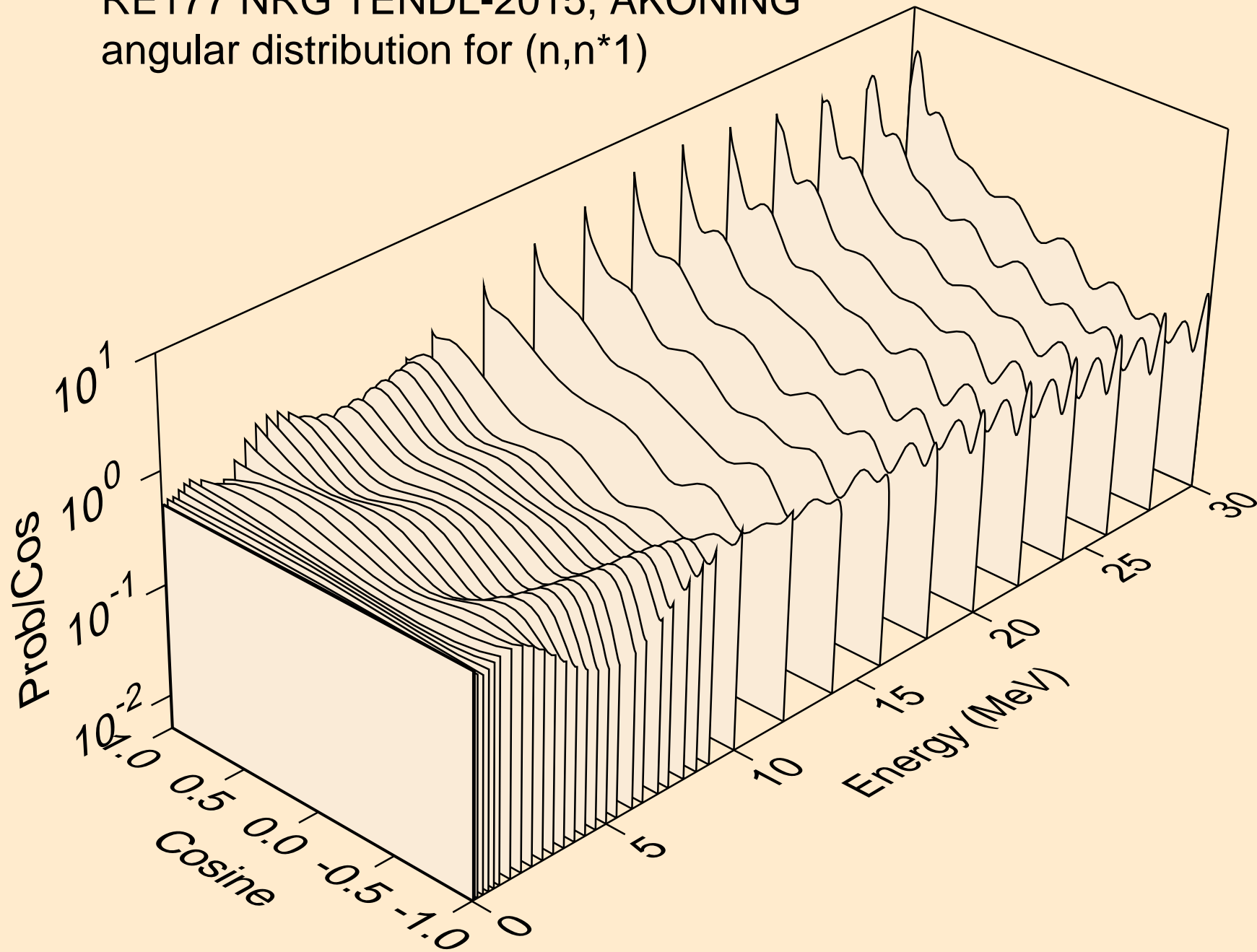


RE177 NRG TENDL-2015, AKONING  
angular distribution for elastic

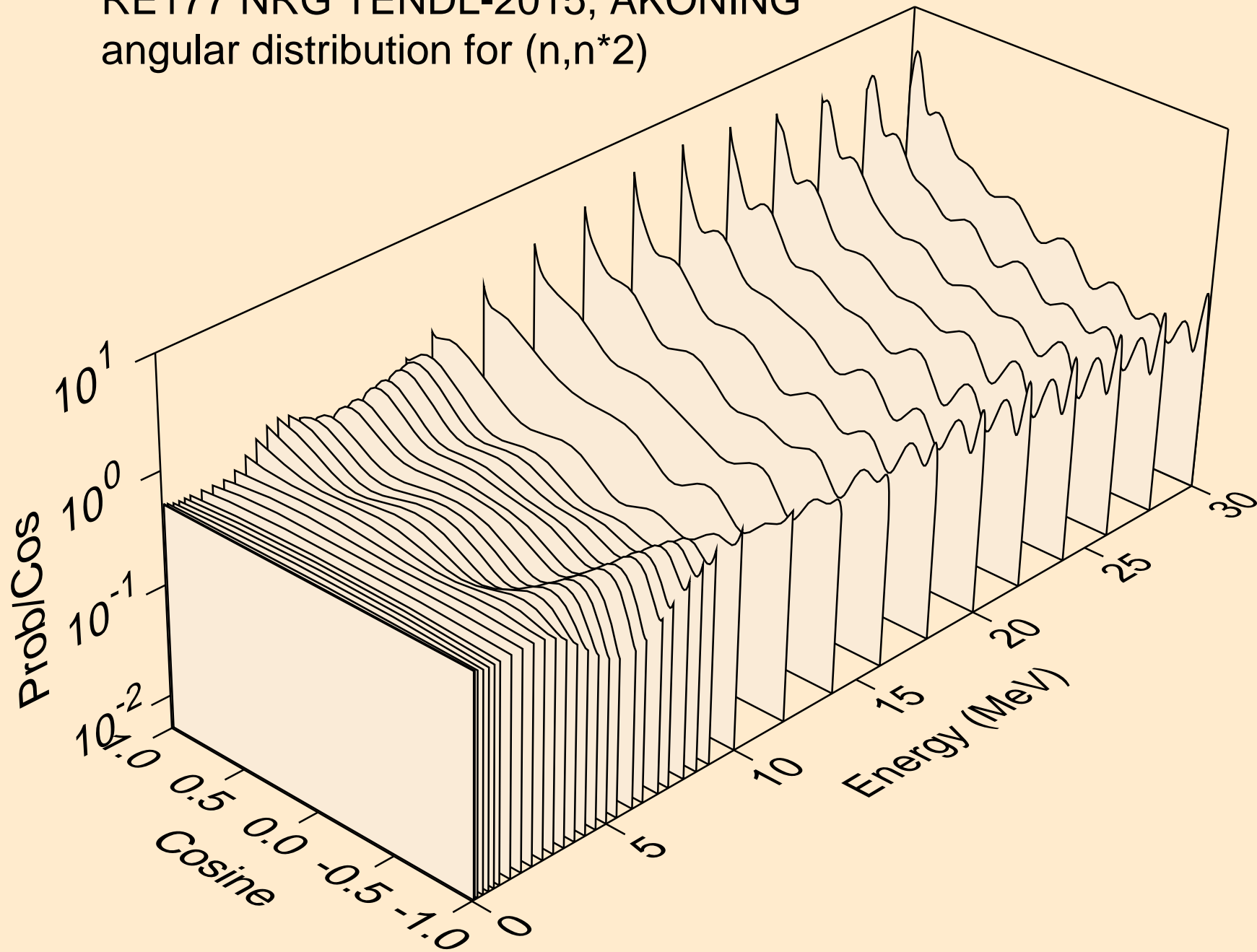




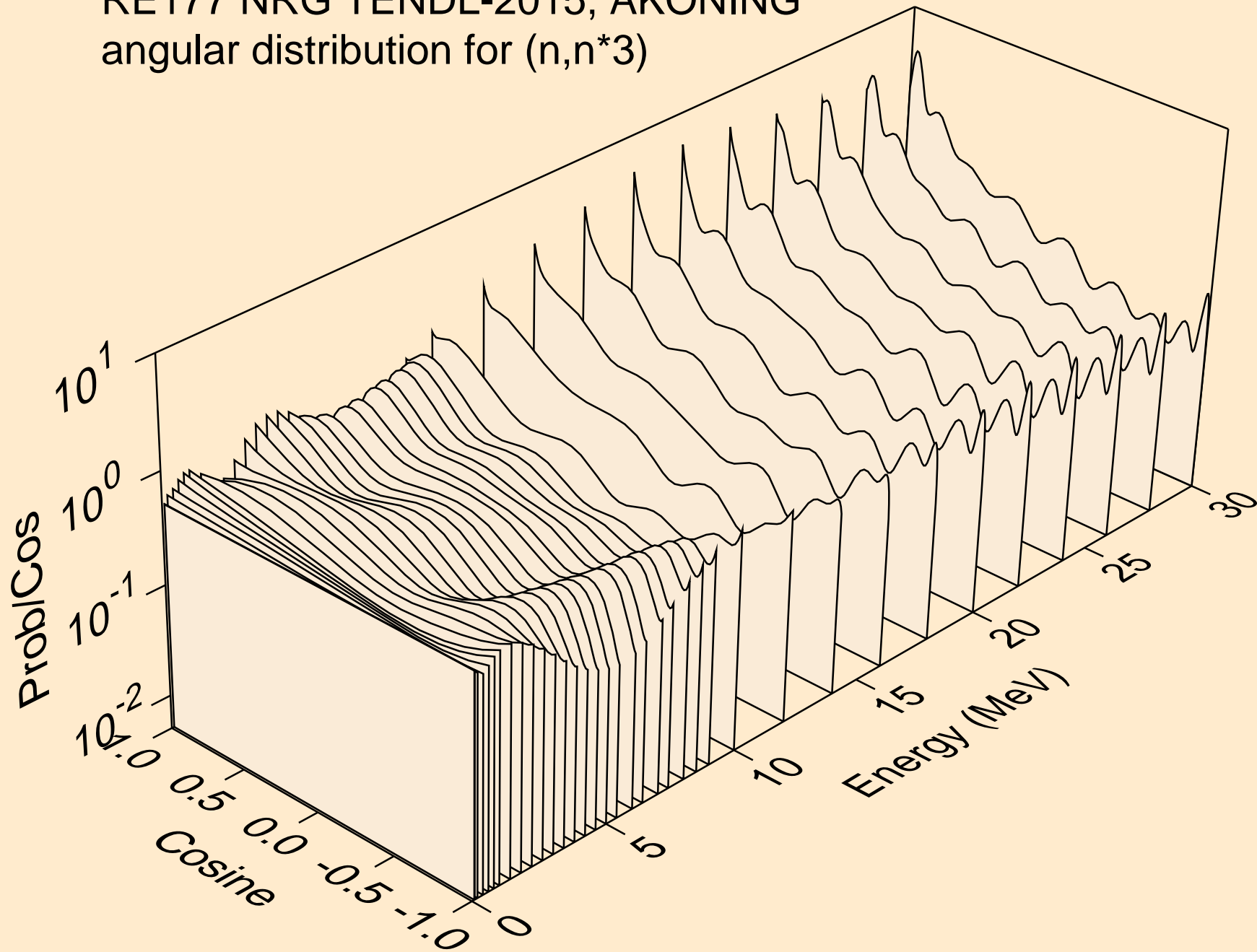
RE177 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



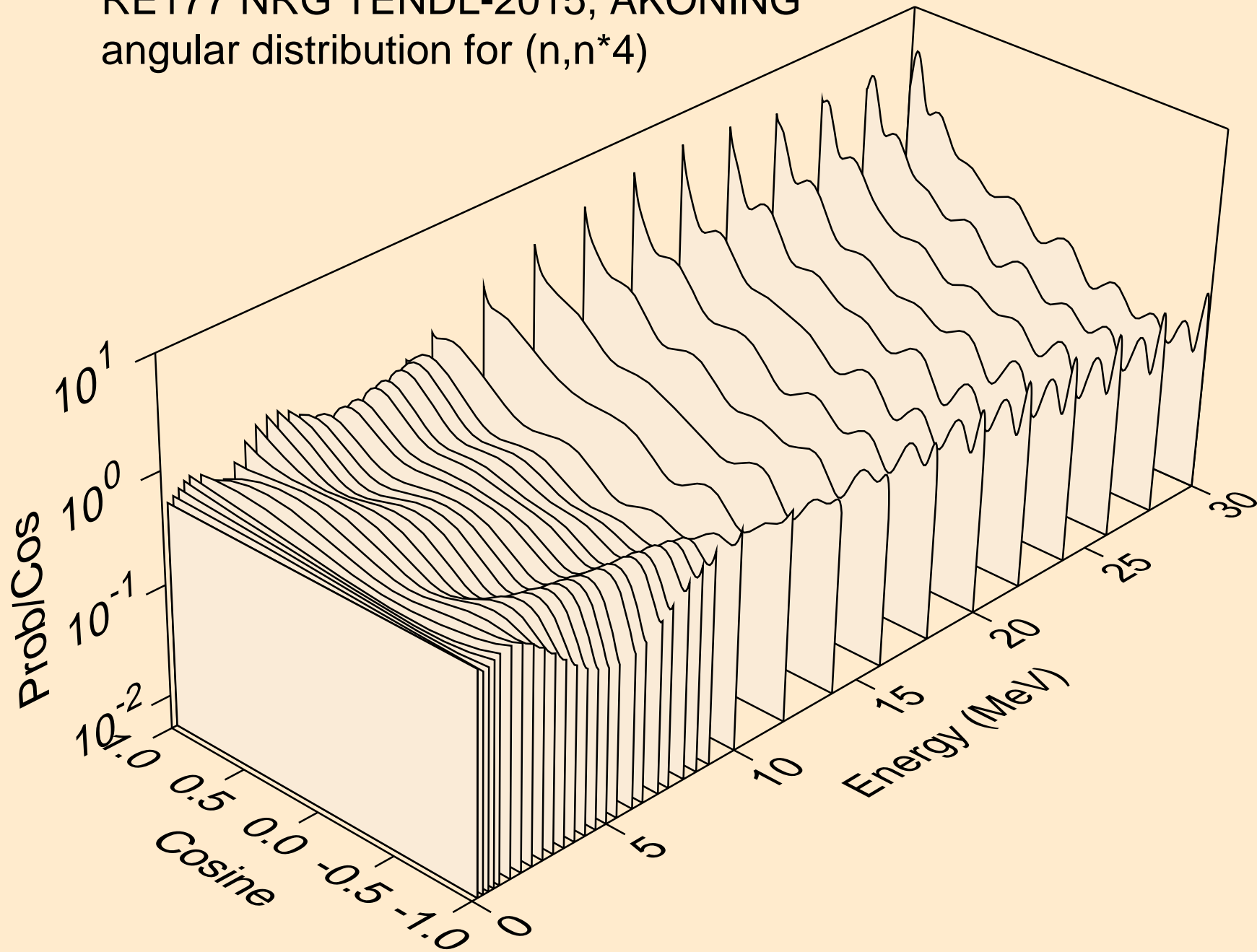
RE177 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



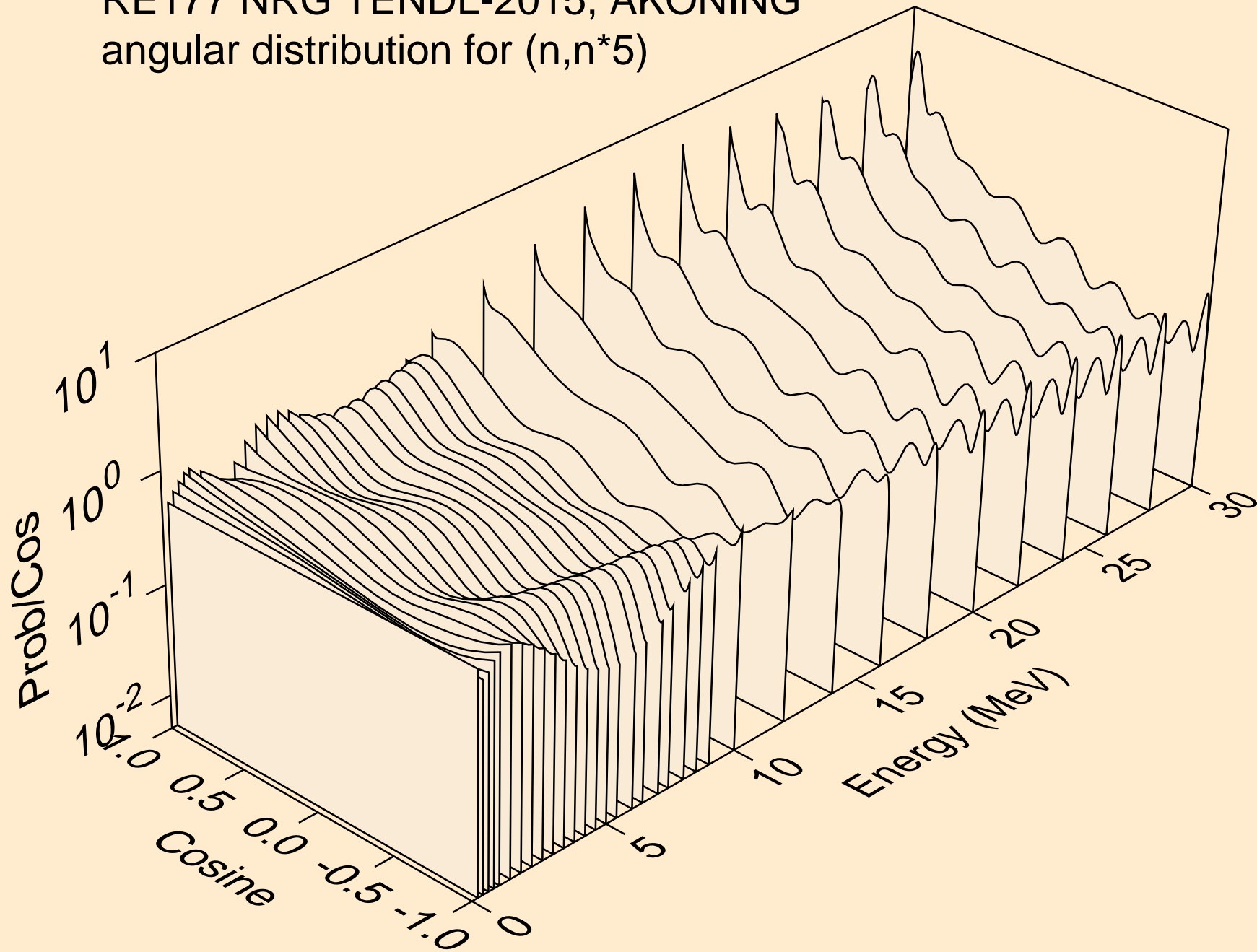
RE177 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



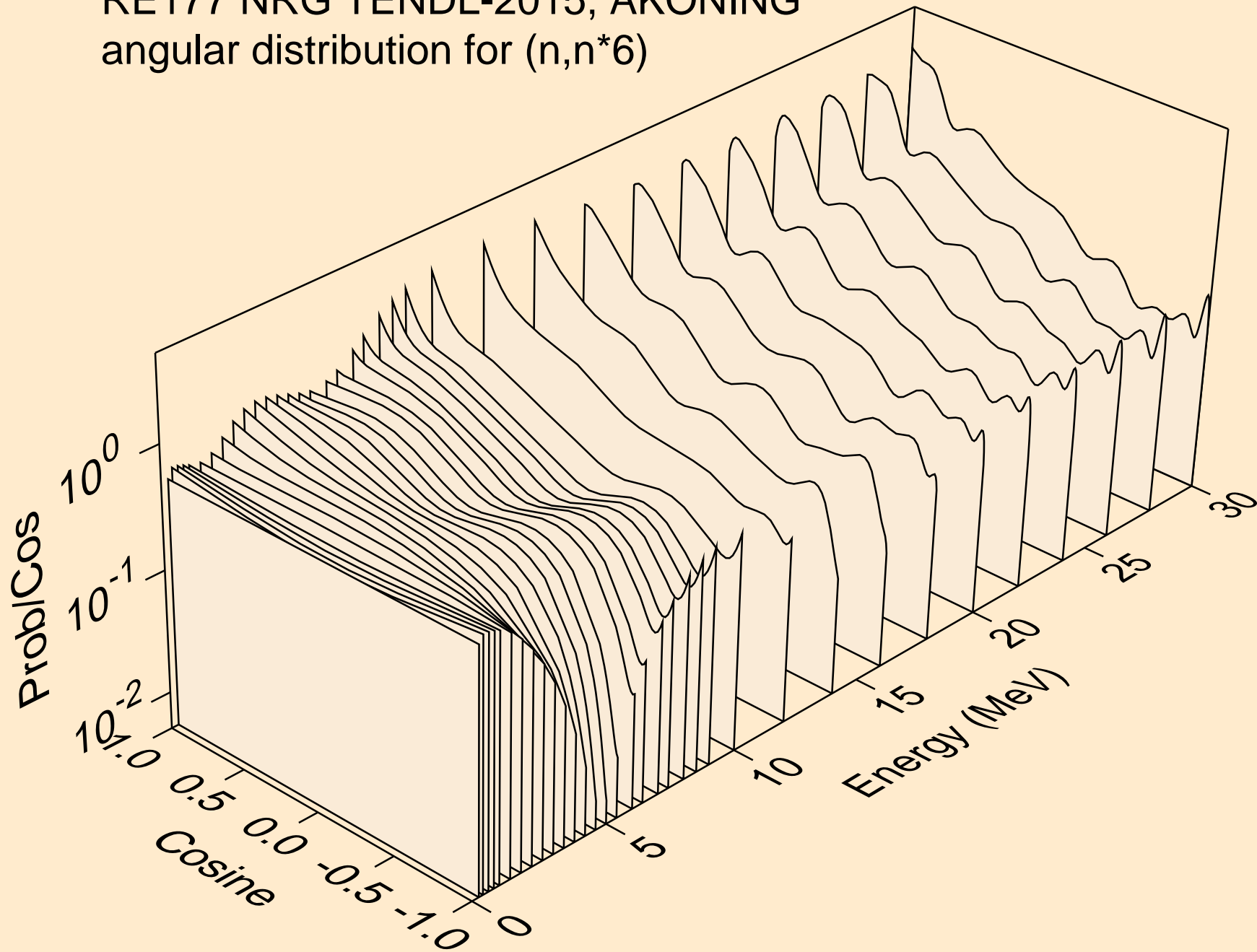
RE177 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



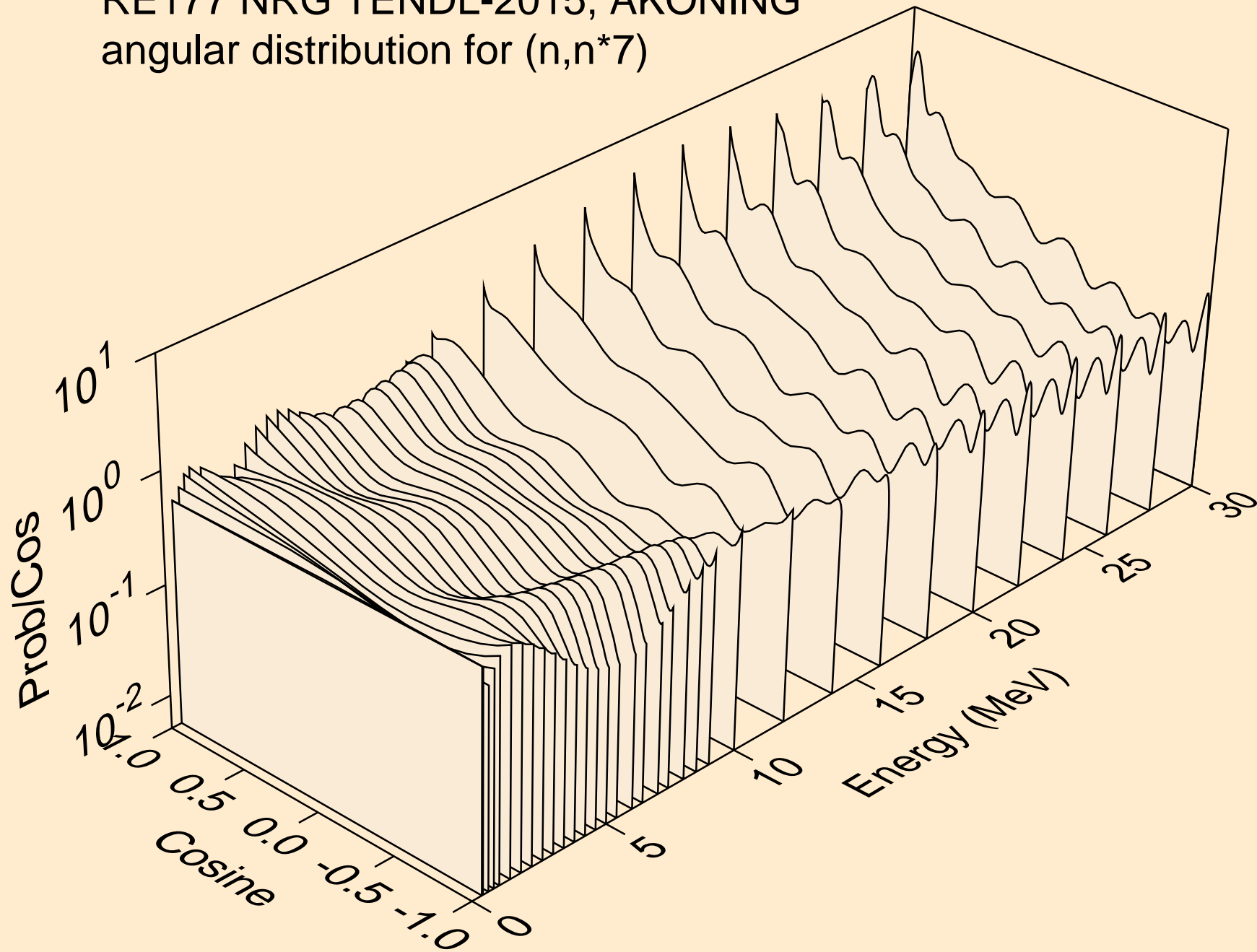
RE177 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



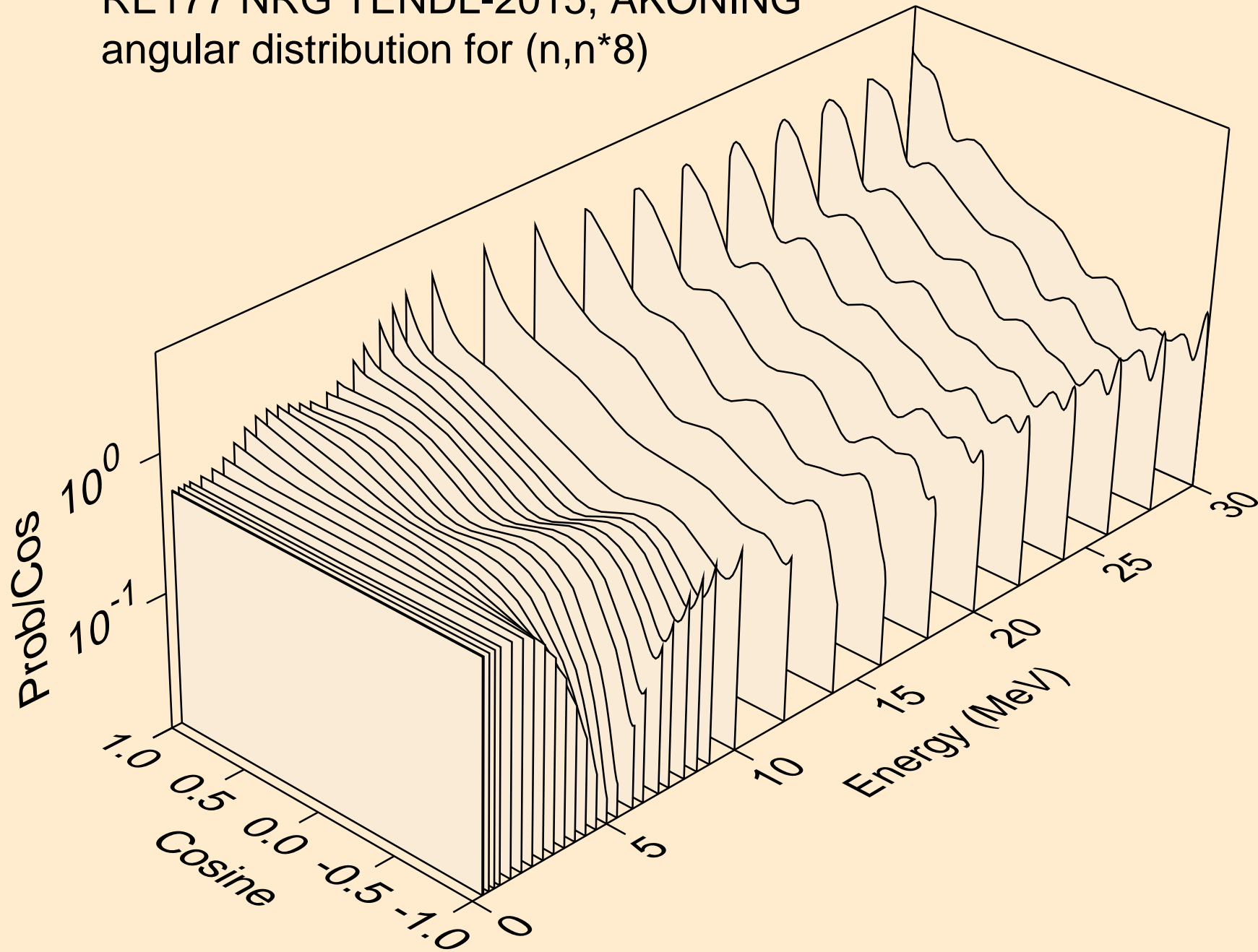
RE177 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



RE177 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

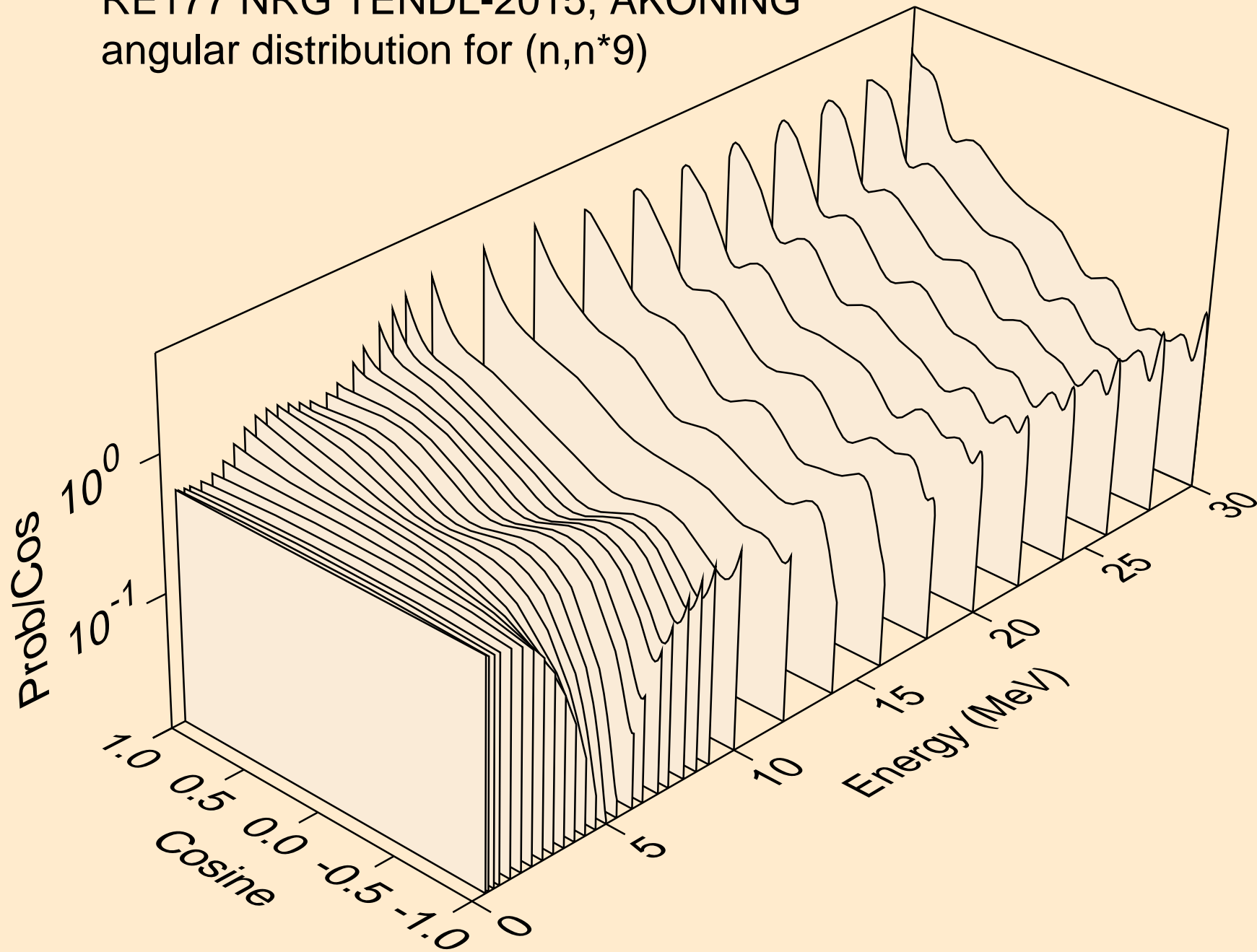


RE177 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

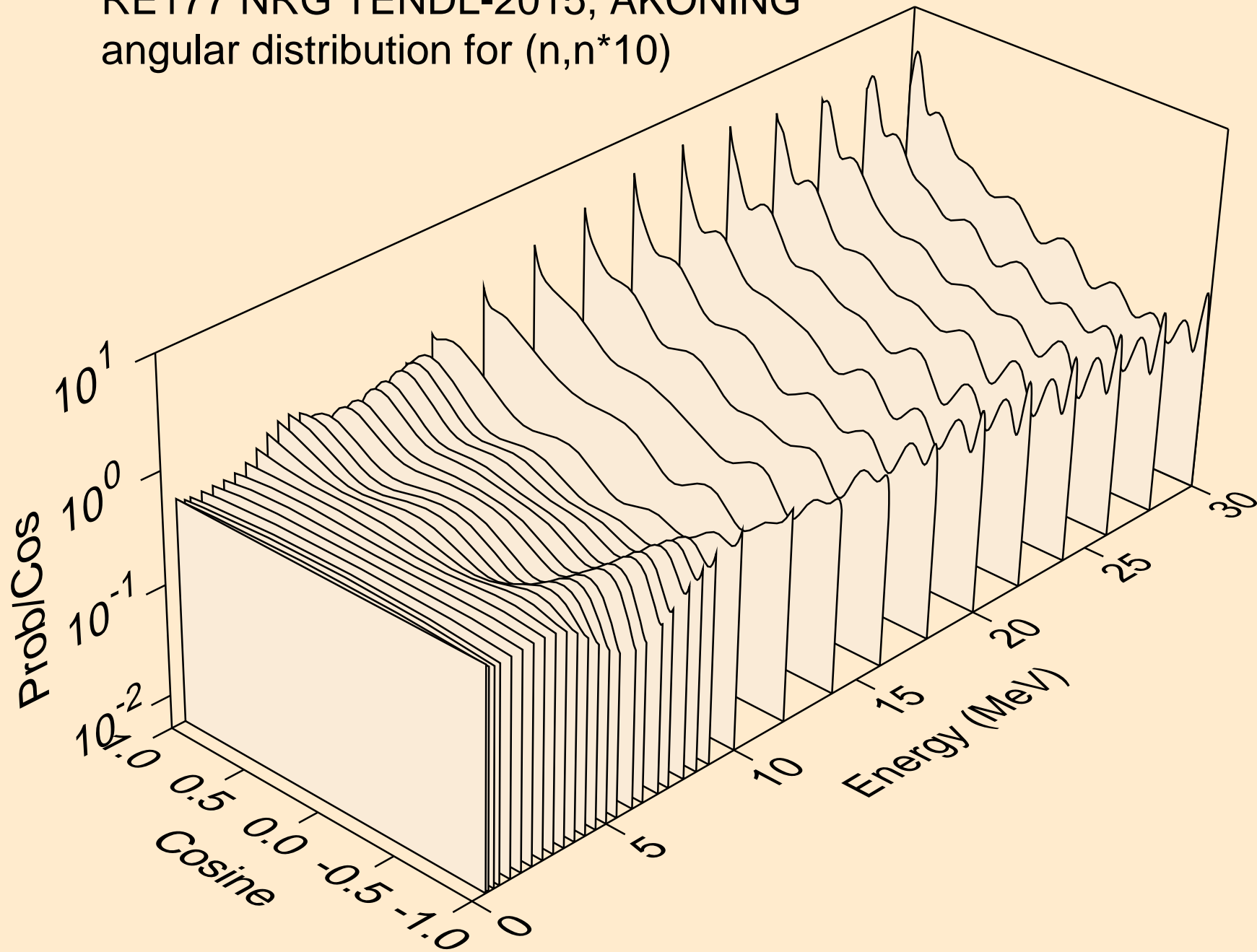




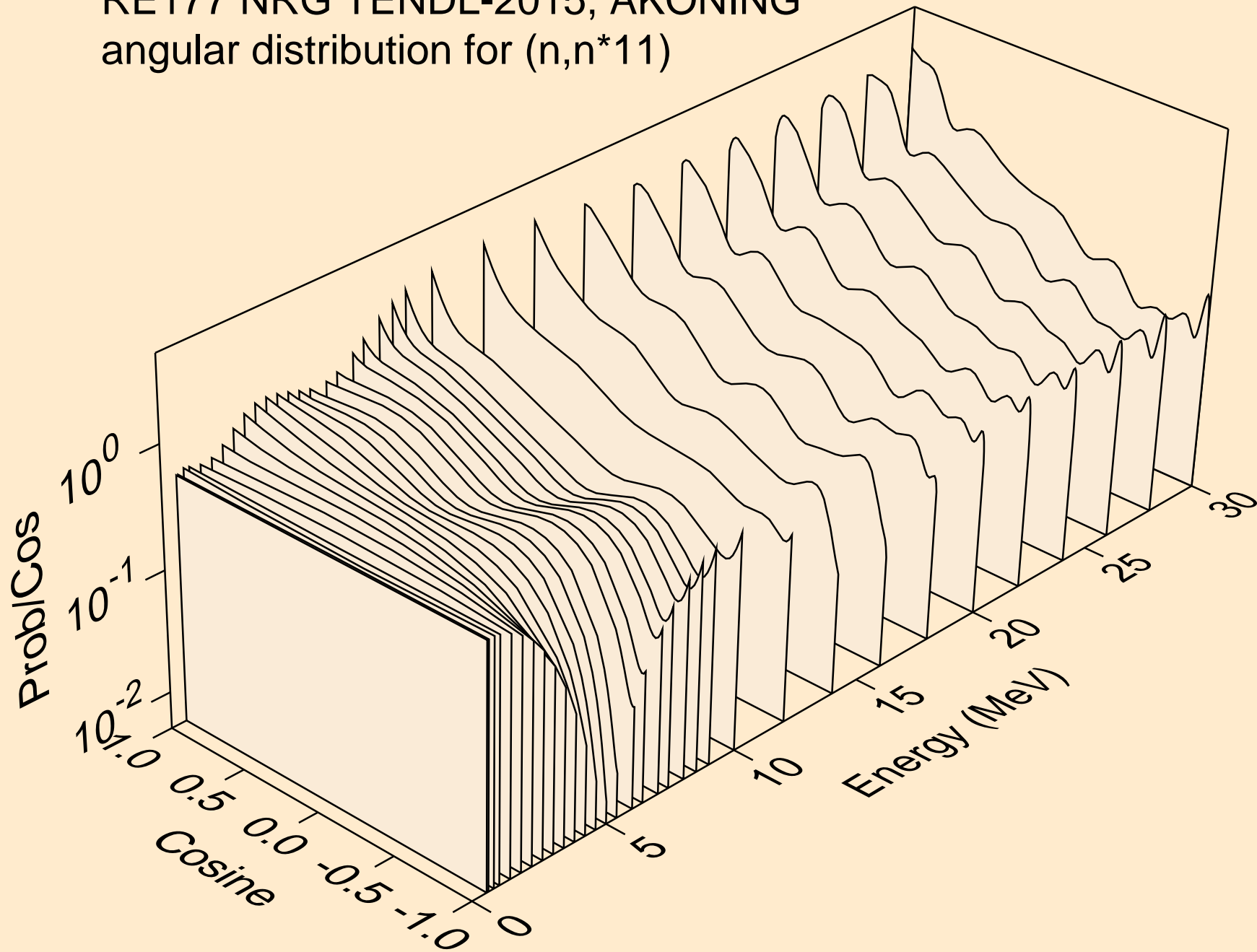
RE177 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



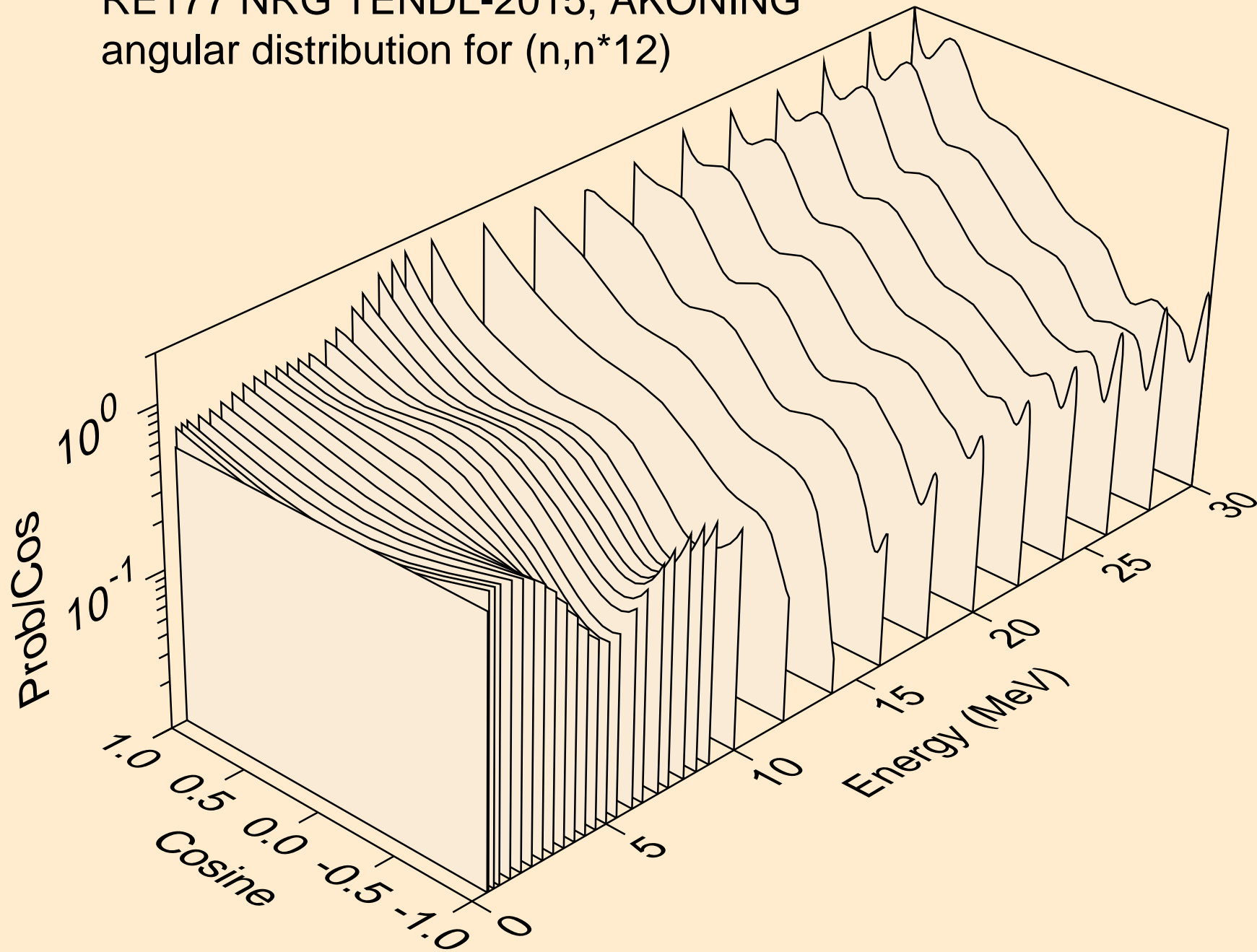
RE177 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



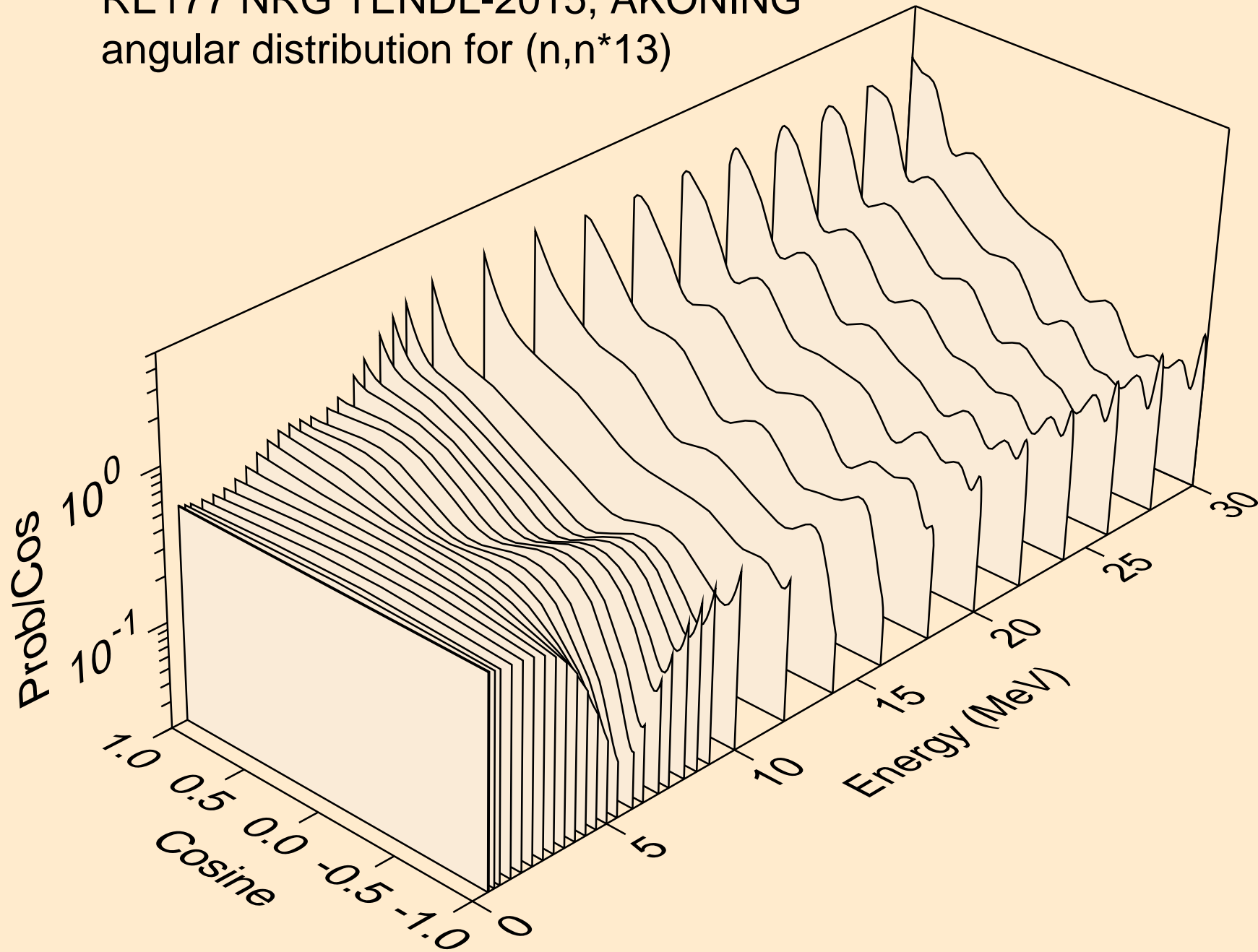
RE177 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



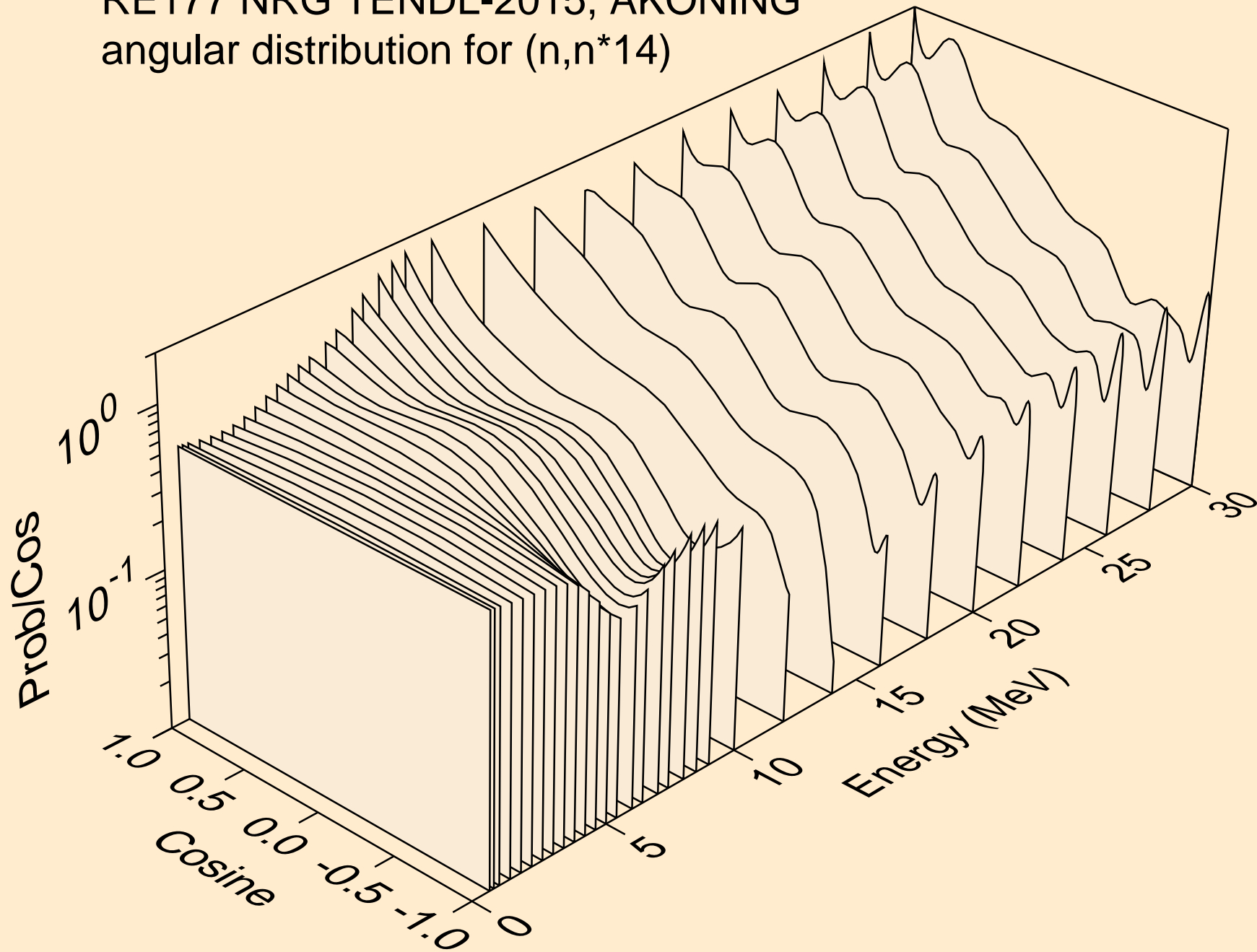
RE177 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



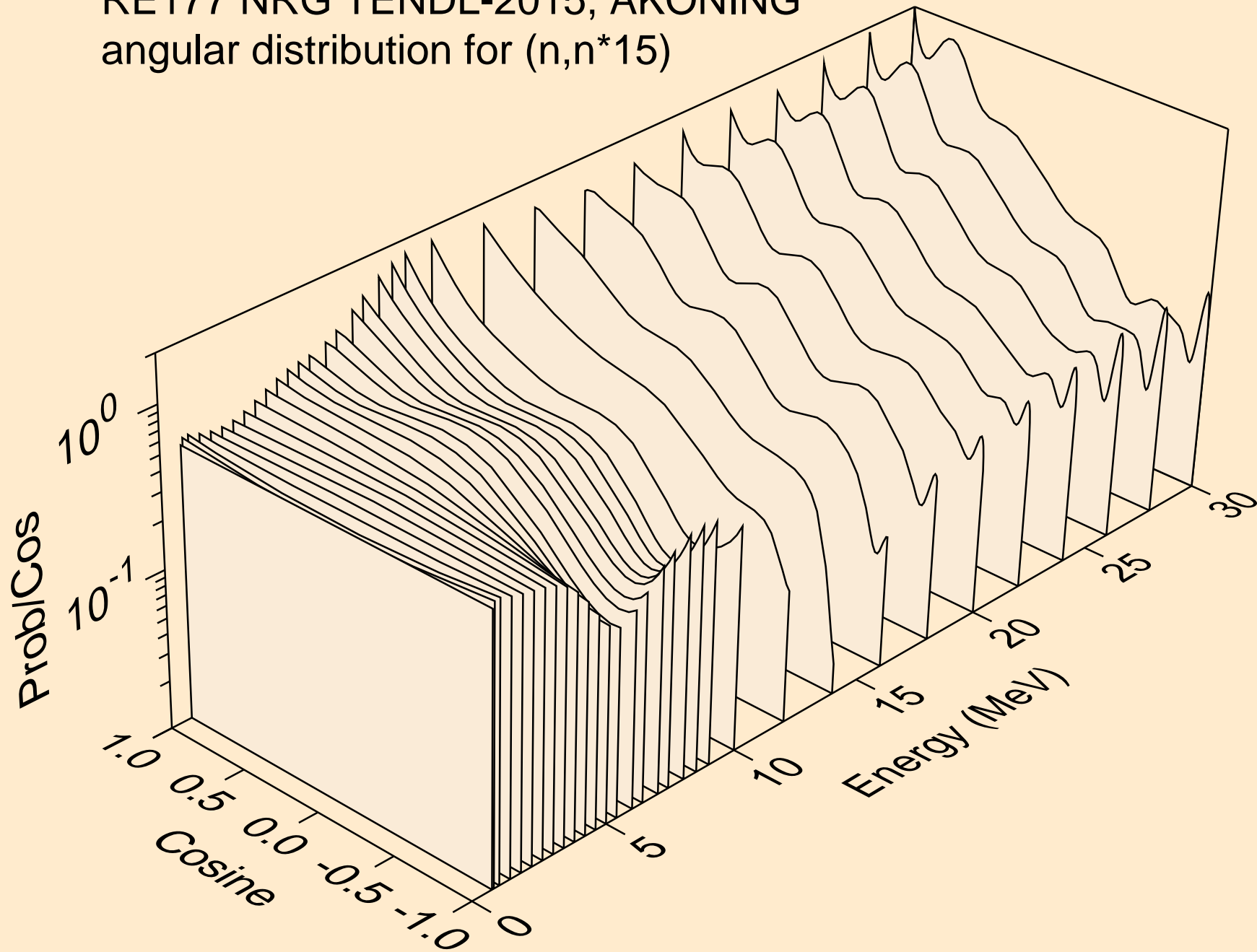
RE177 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



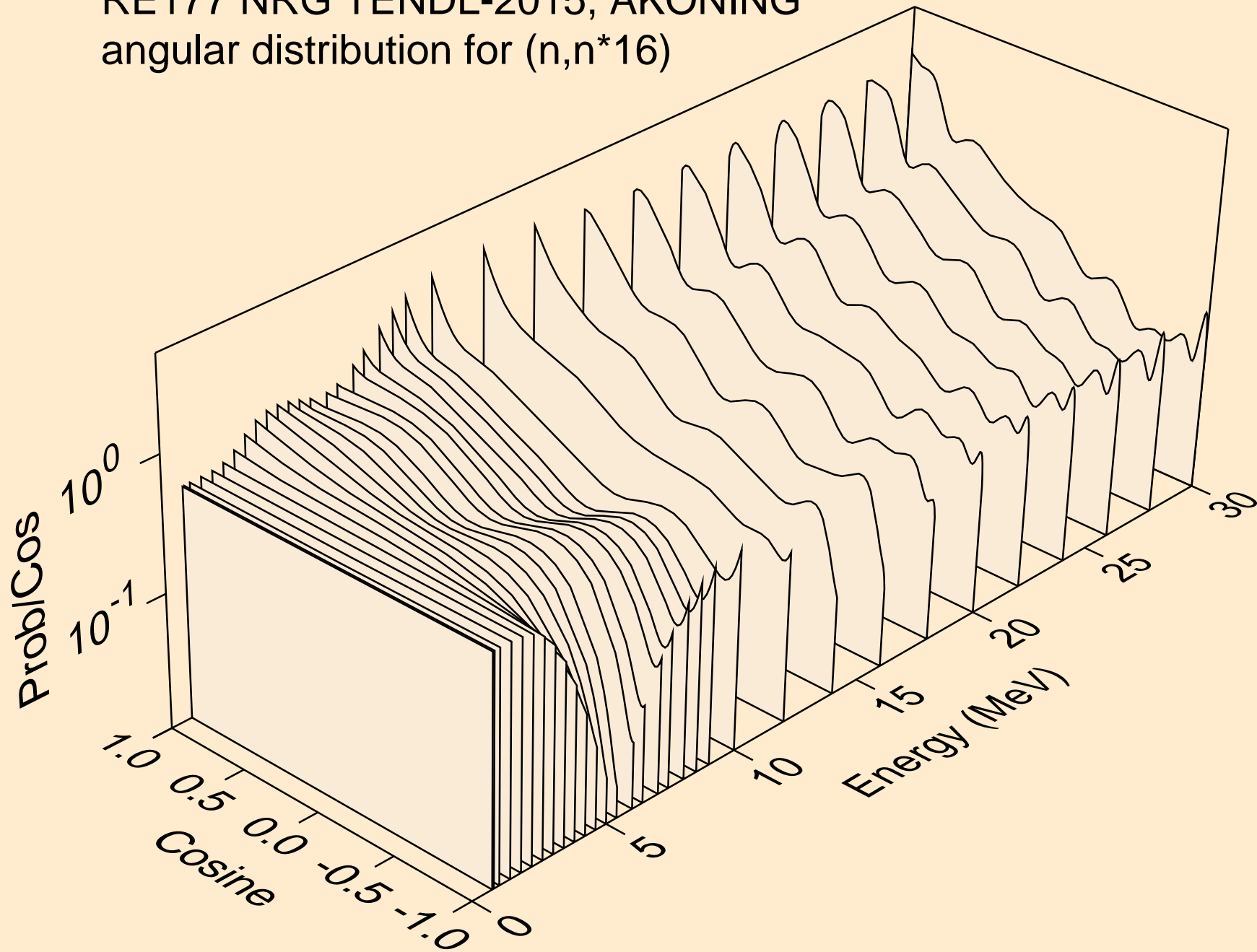
RE177 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



RE177 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

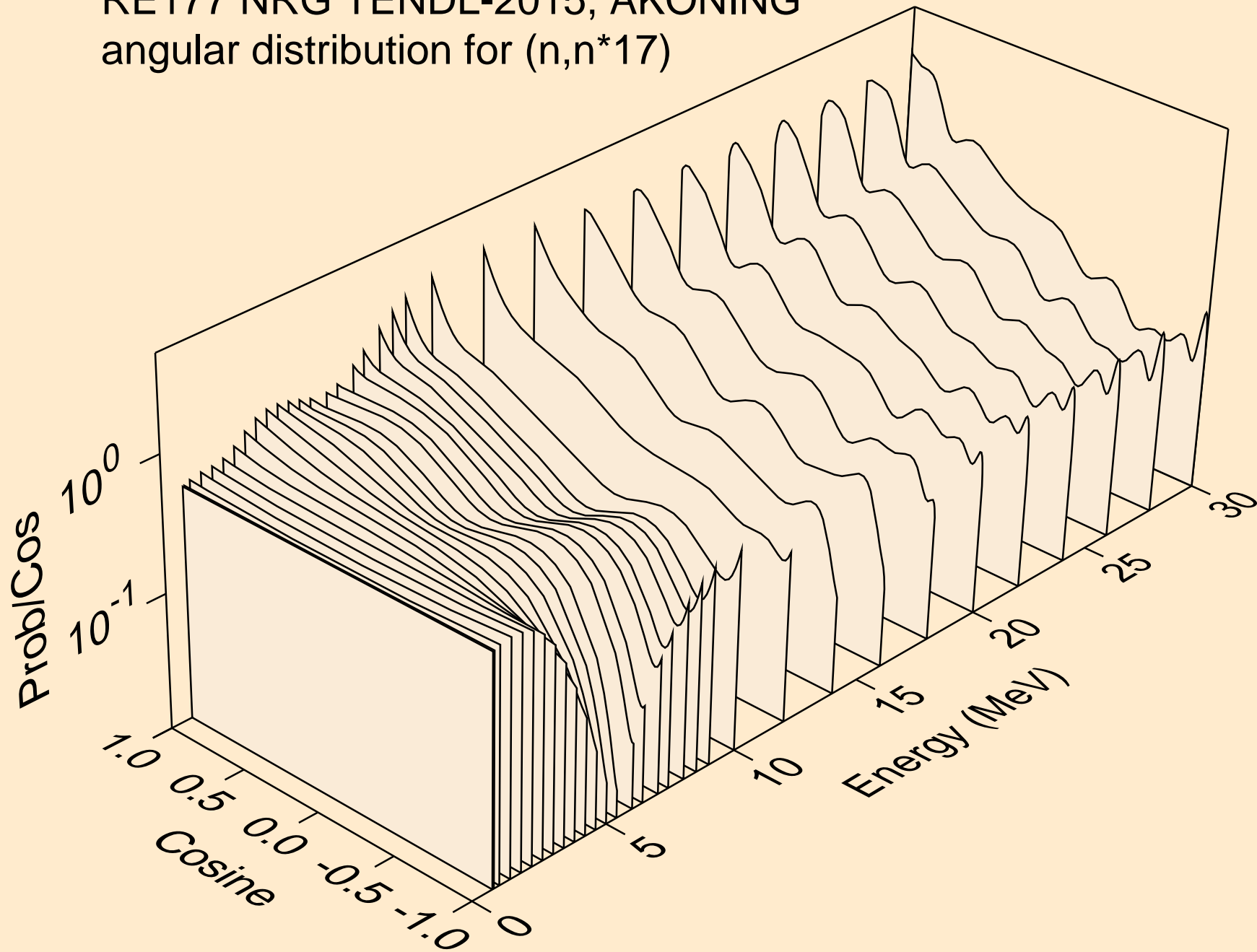


RE177 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)

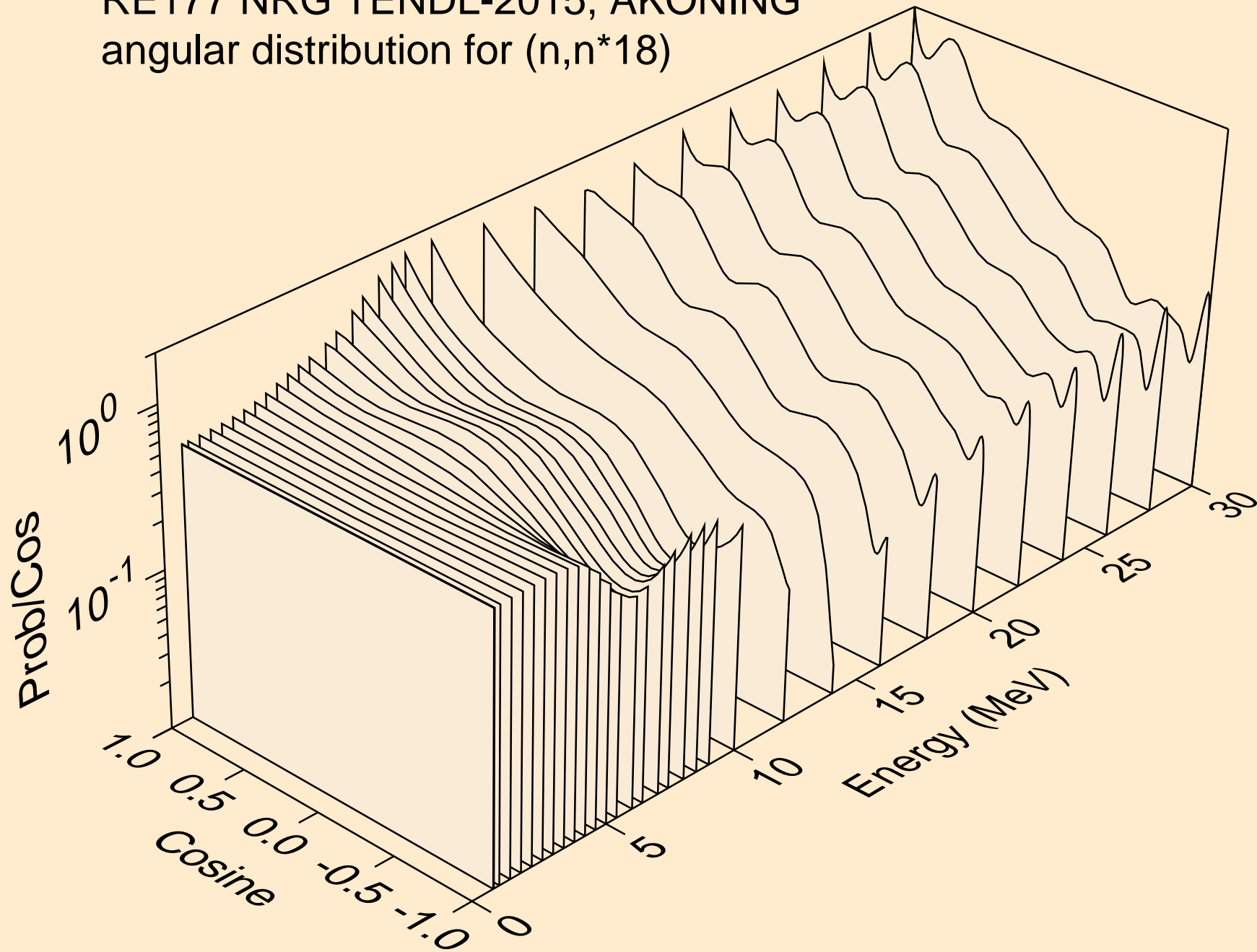




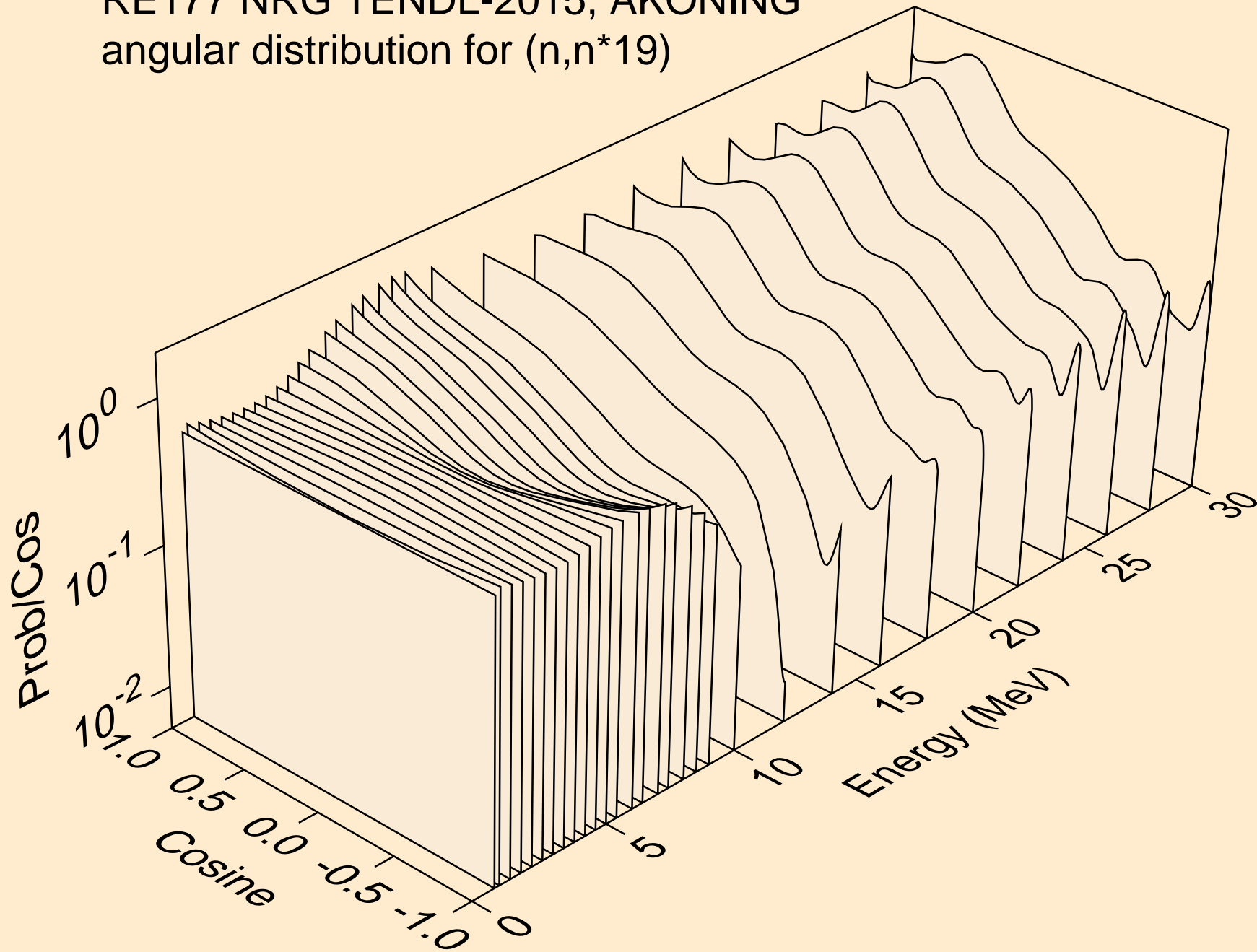
RE177 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



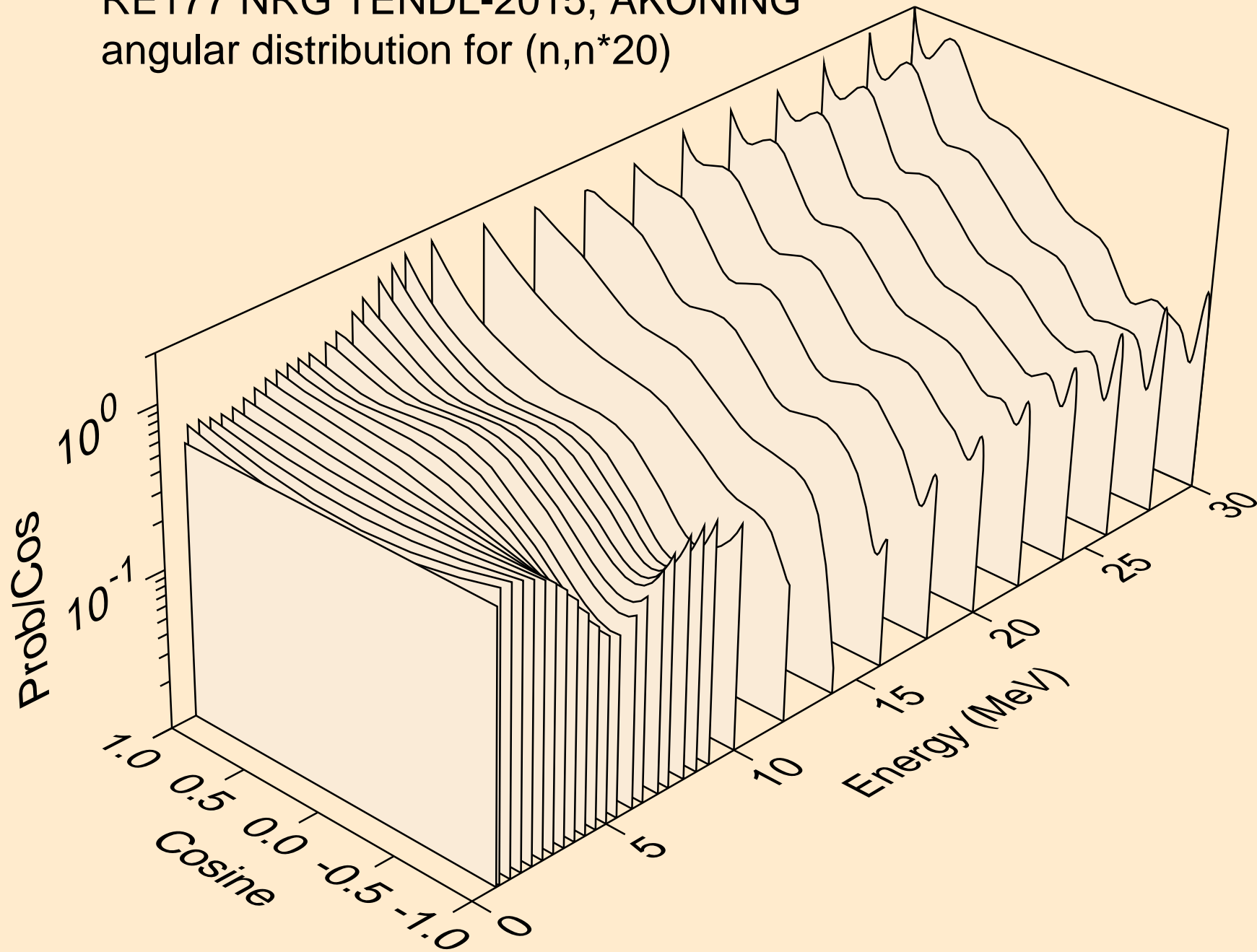
RE177 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



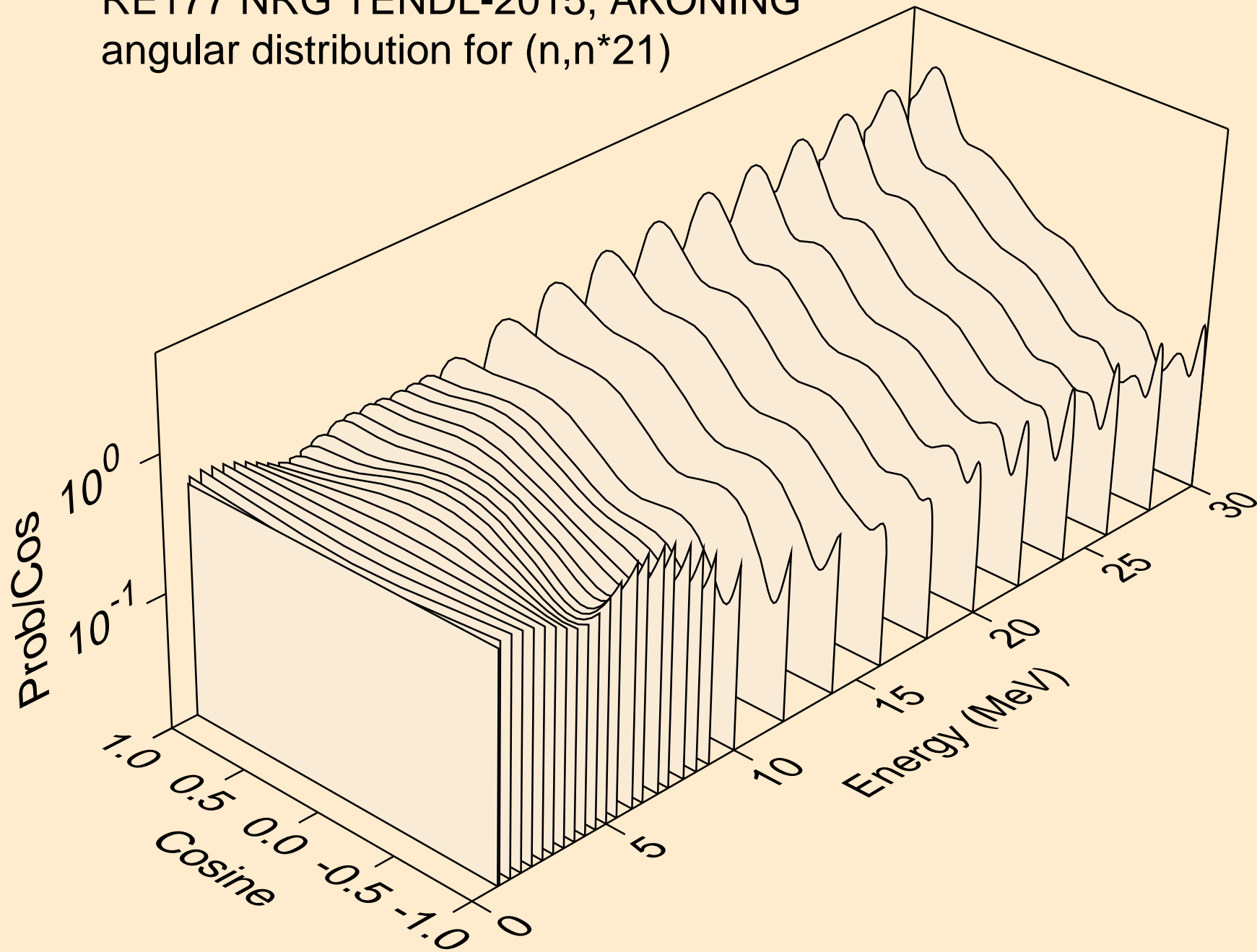
RE177 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



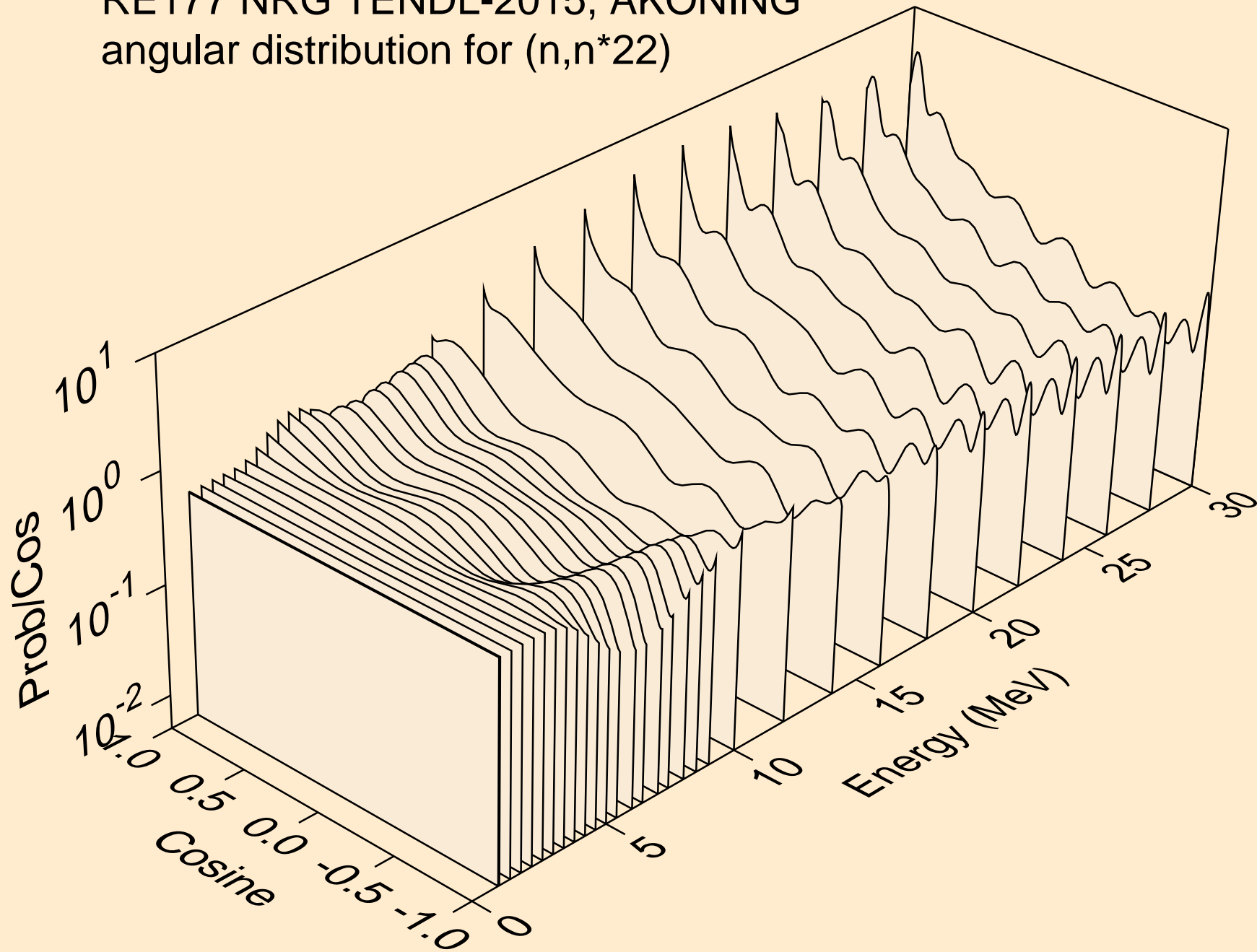
RE177 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



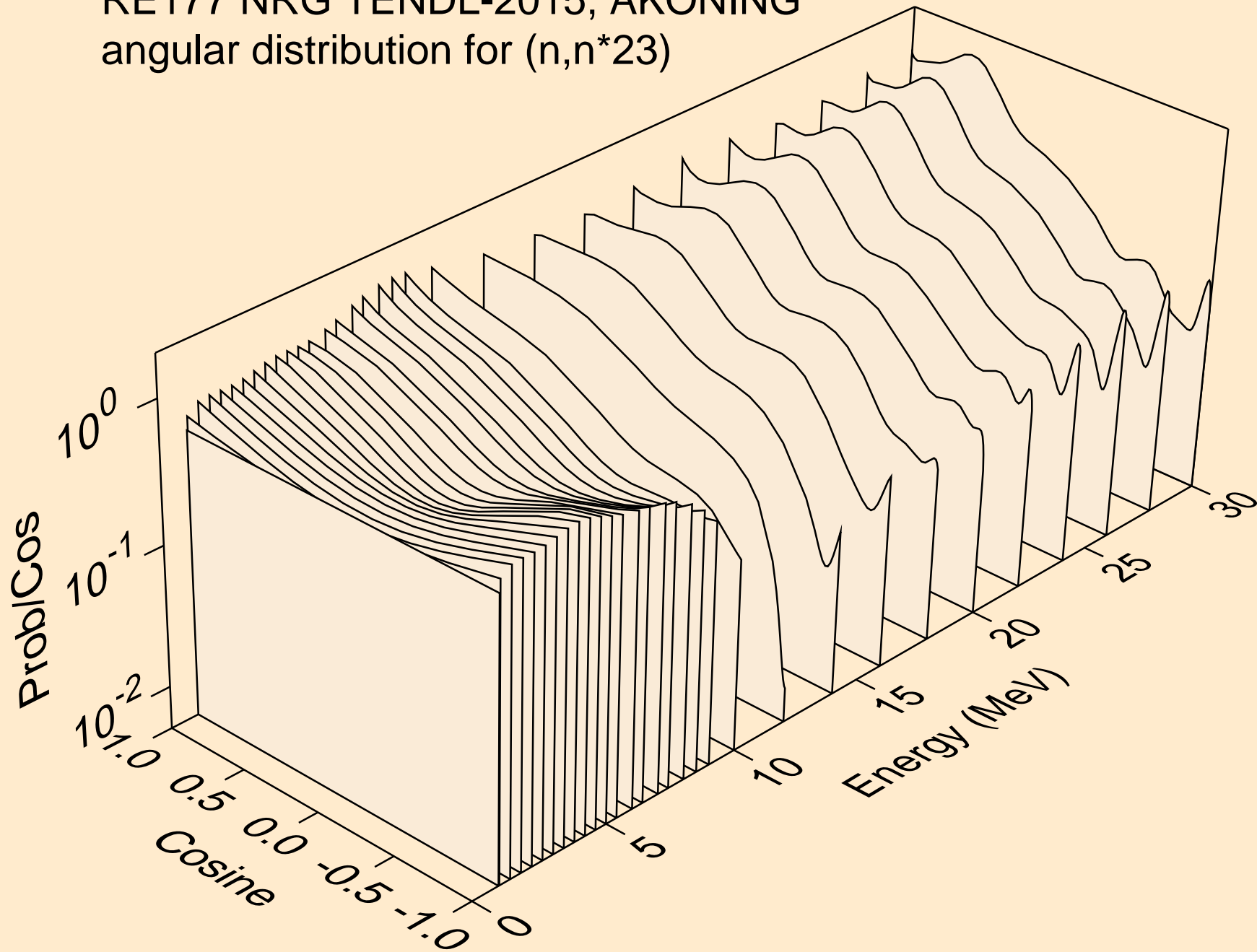
RE177 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



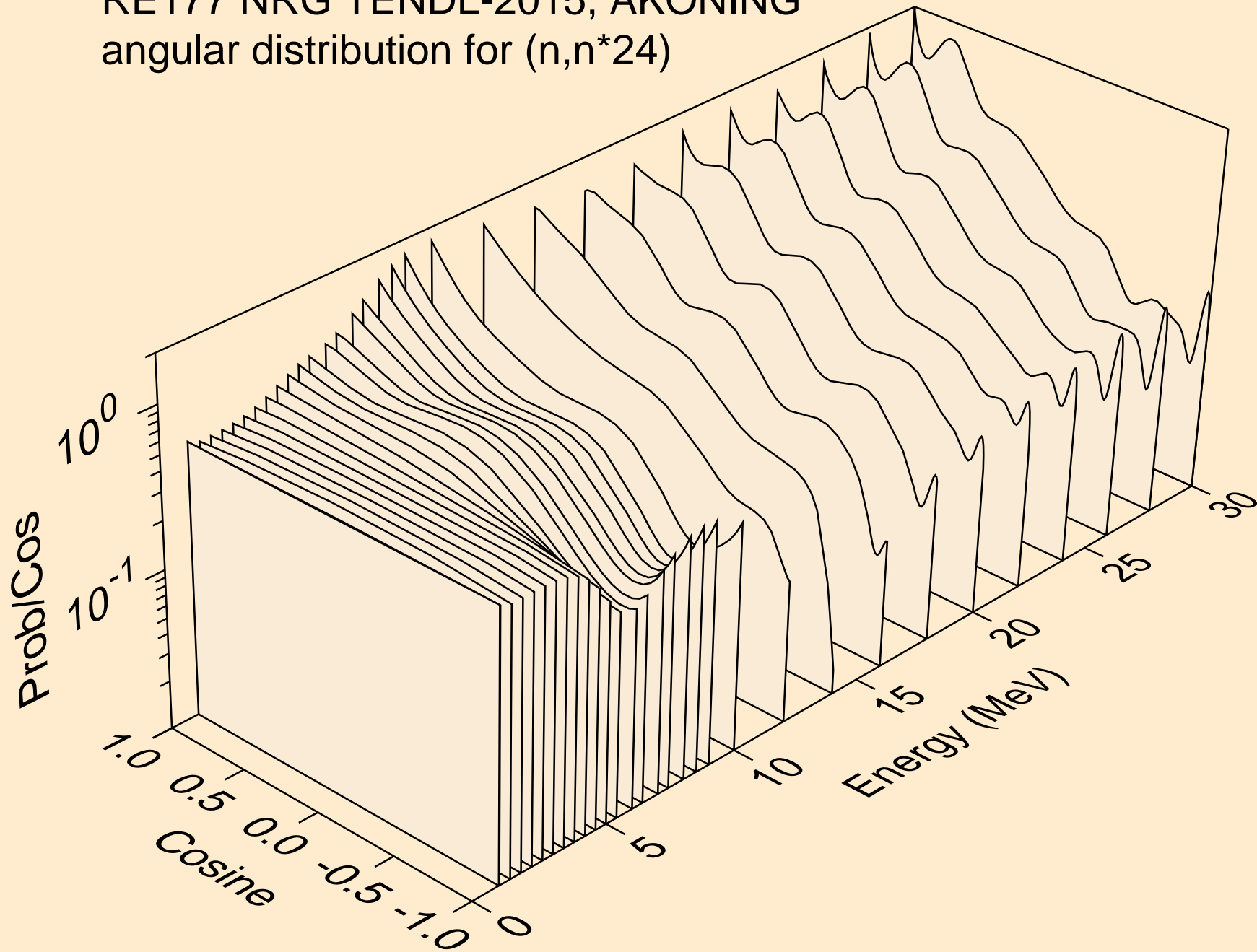
RE177 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



RE177 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

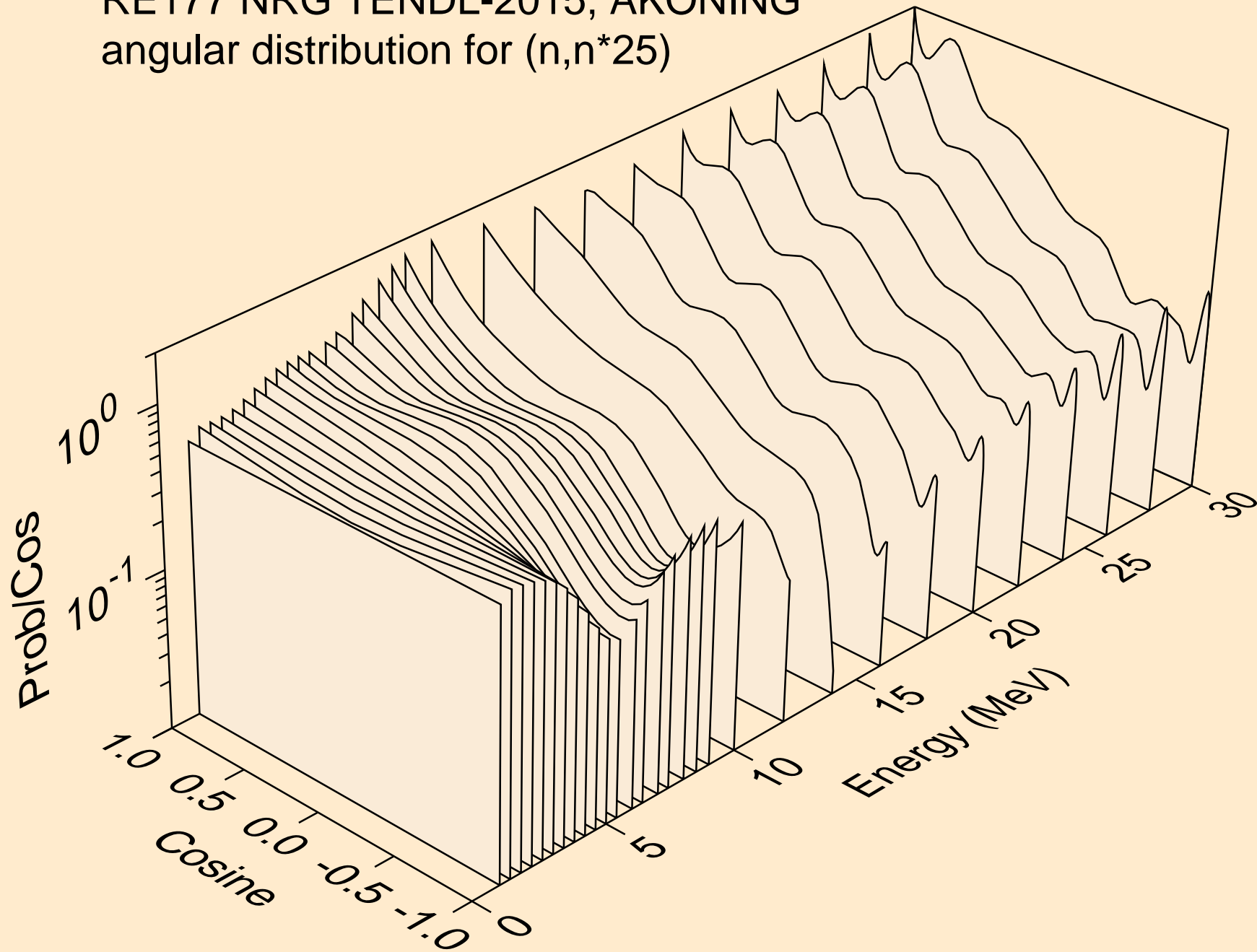


RE177 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)

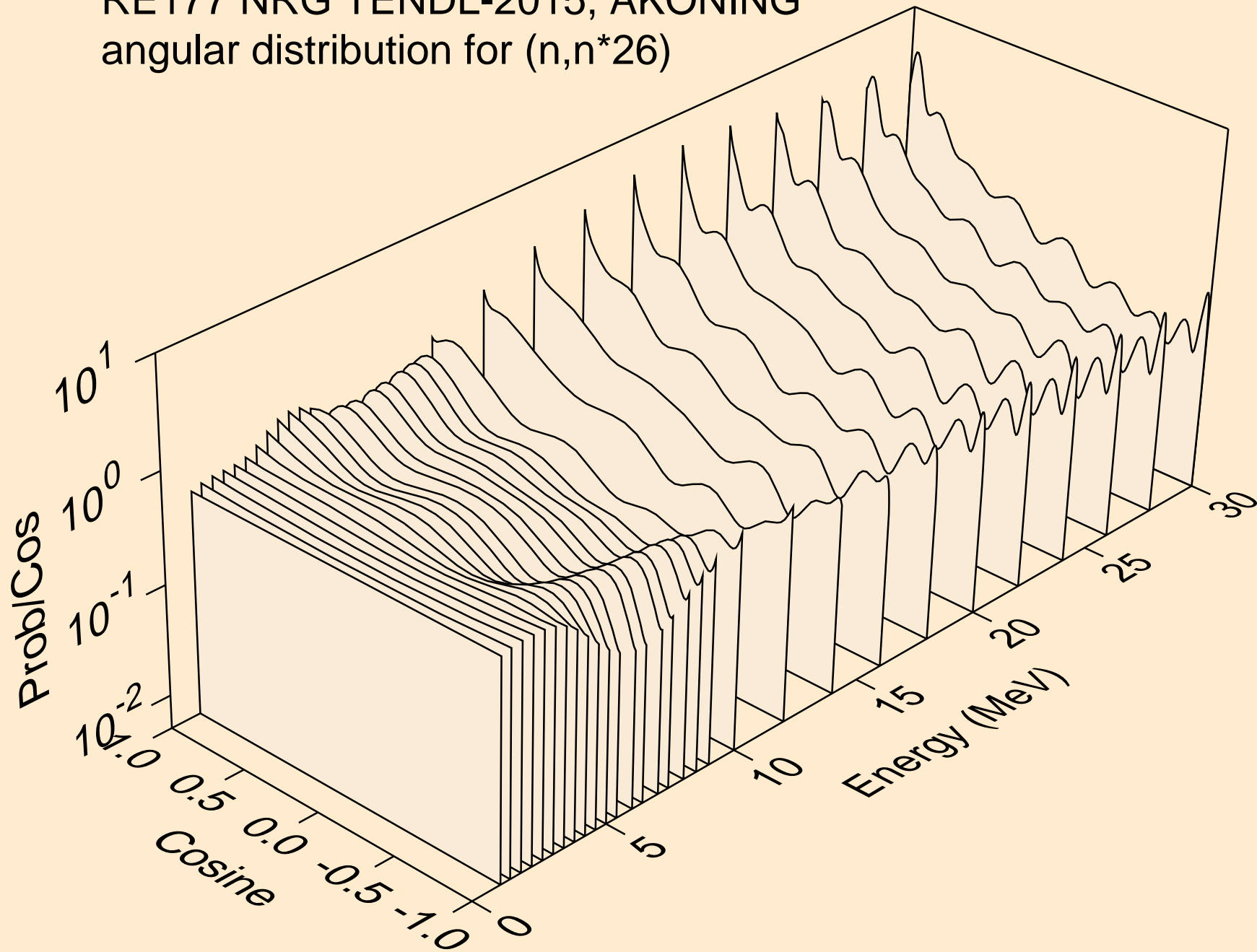




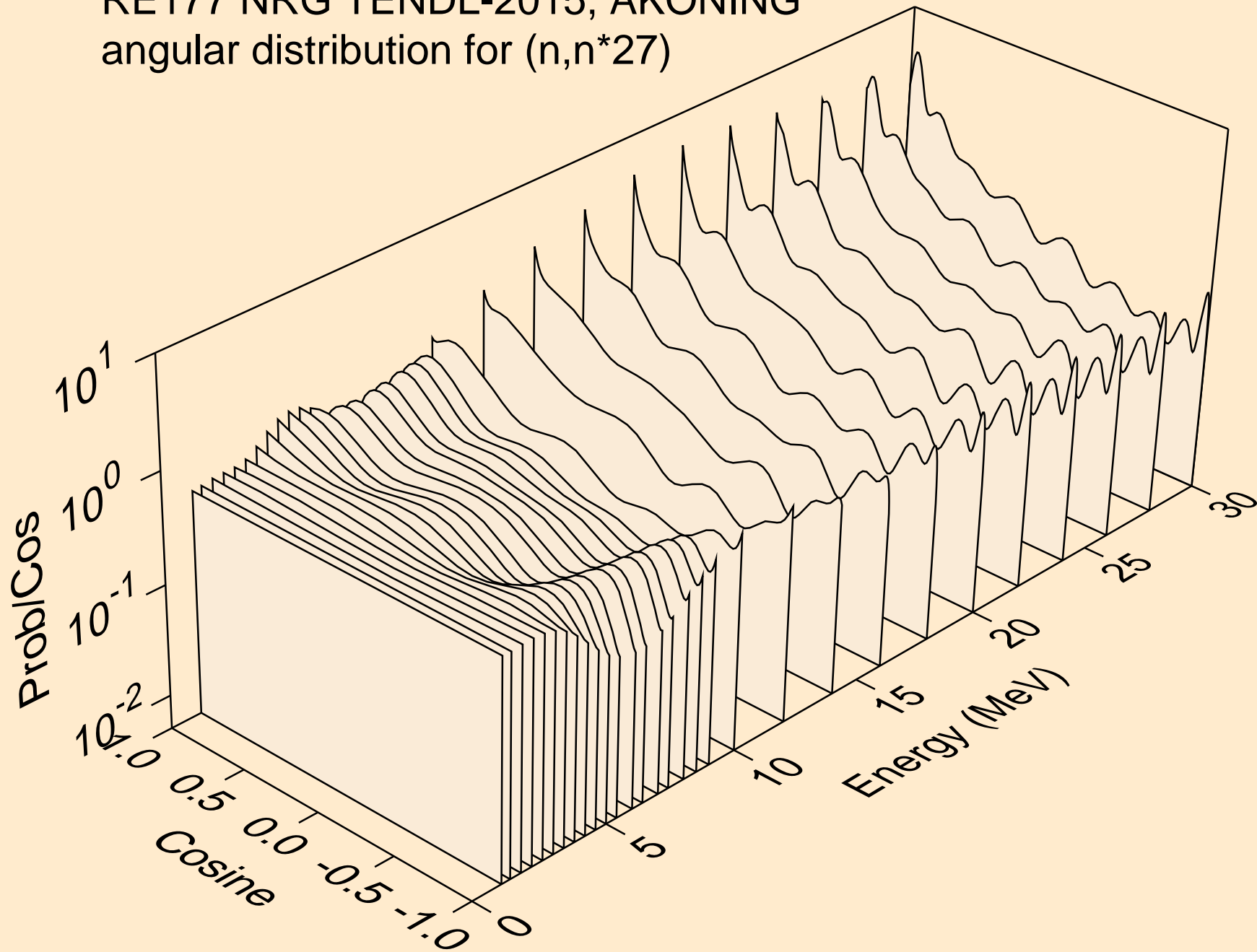
RE177 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



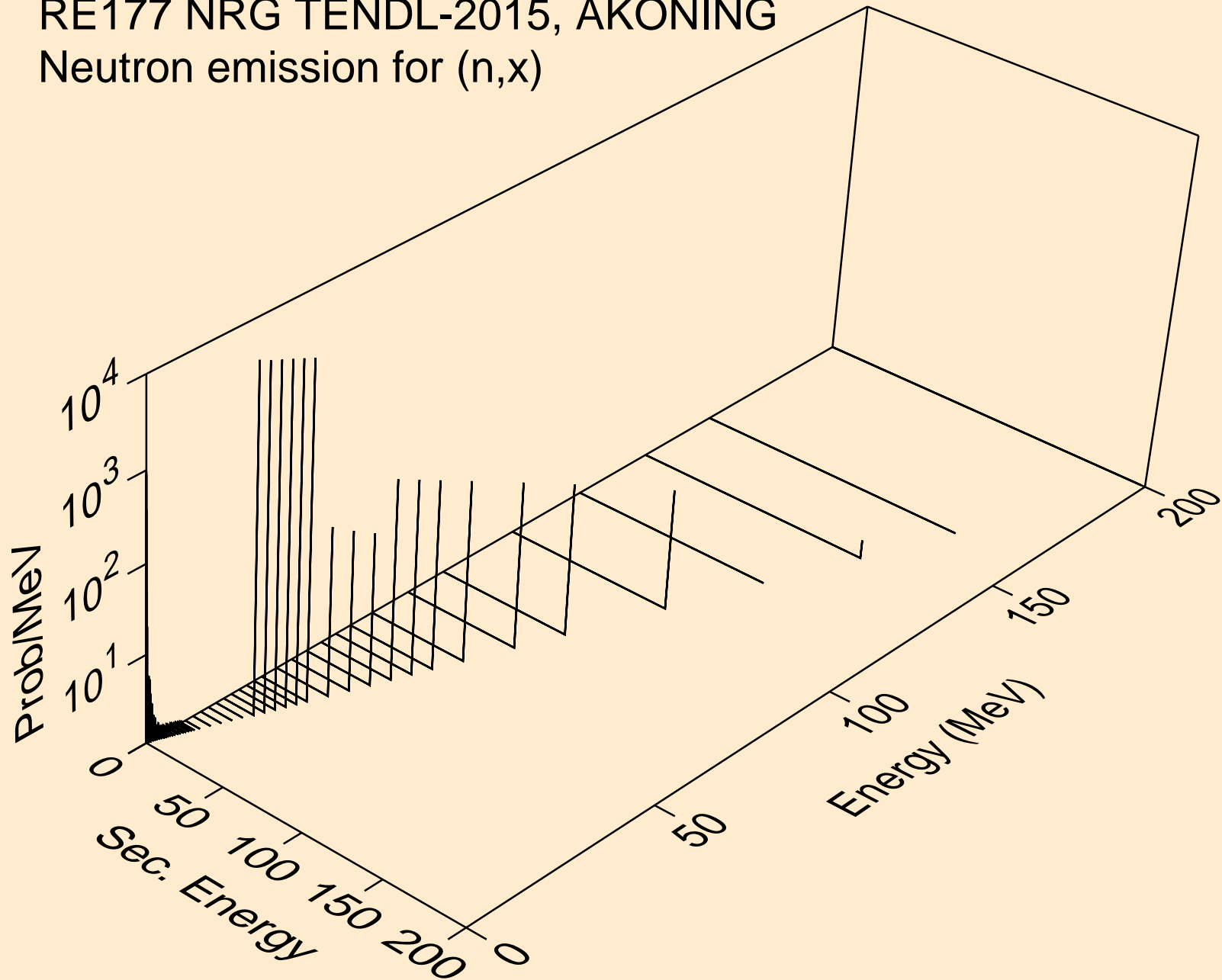
RE177 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



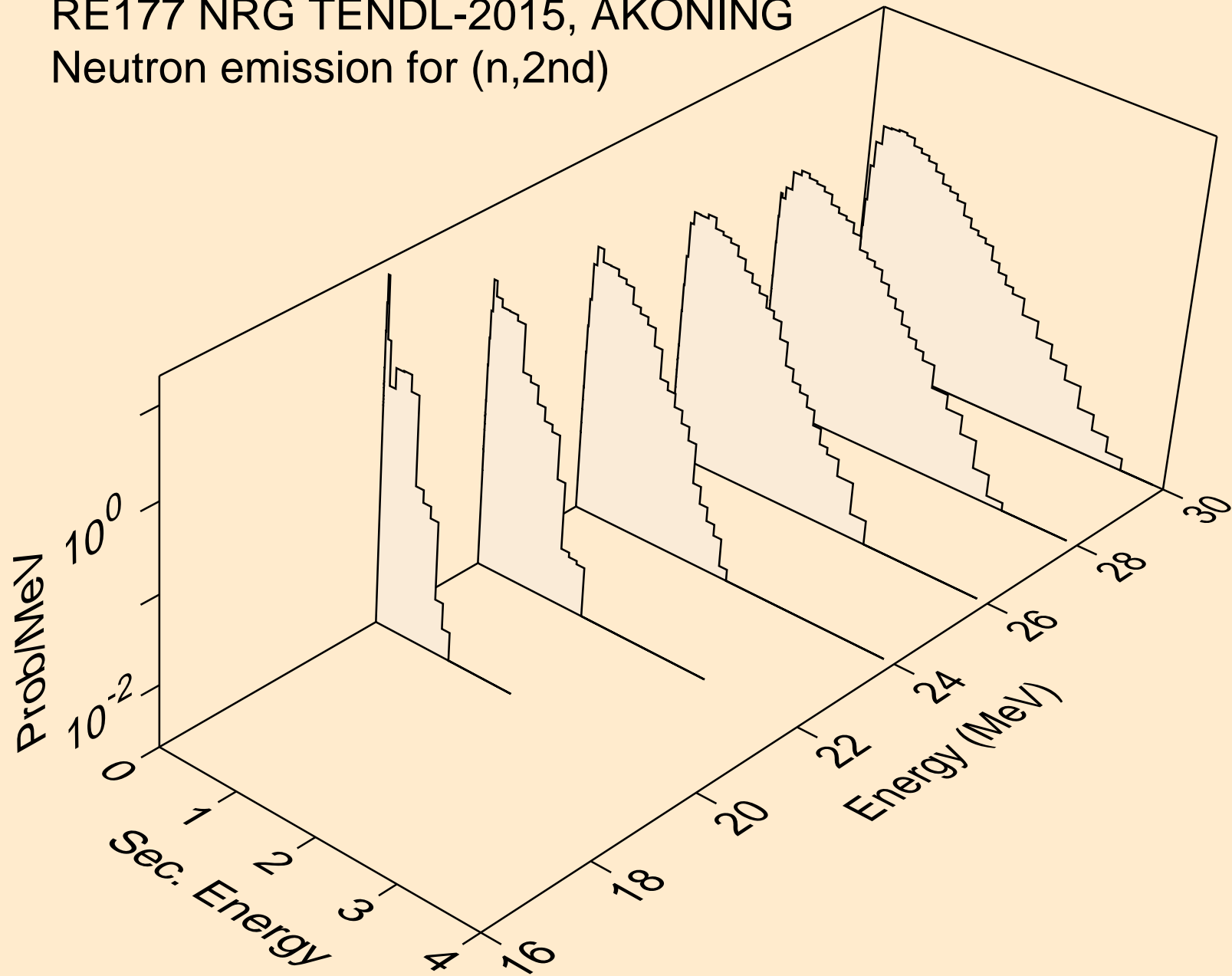
RE177 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



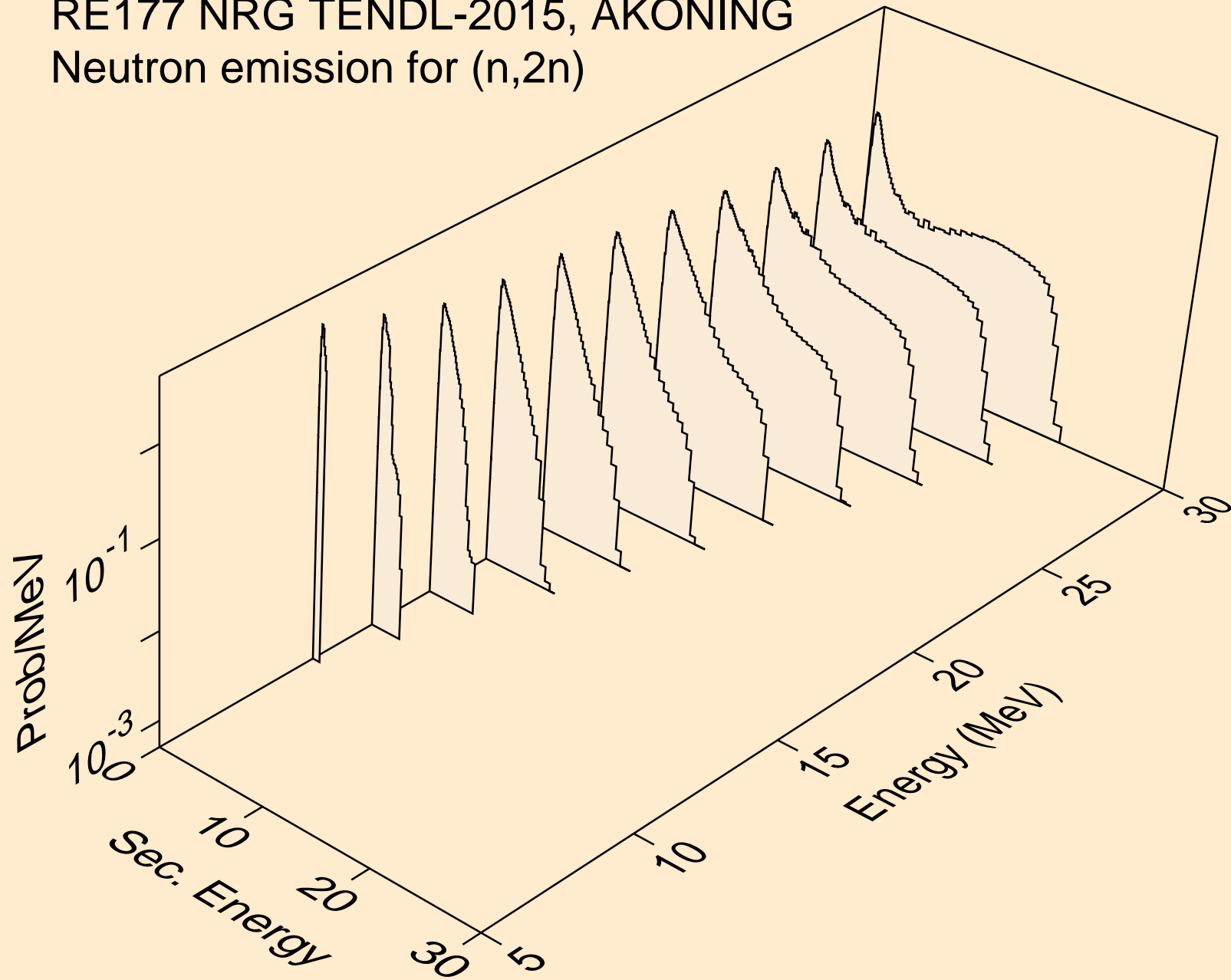
RE177 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



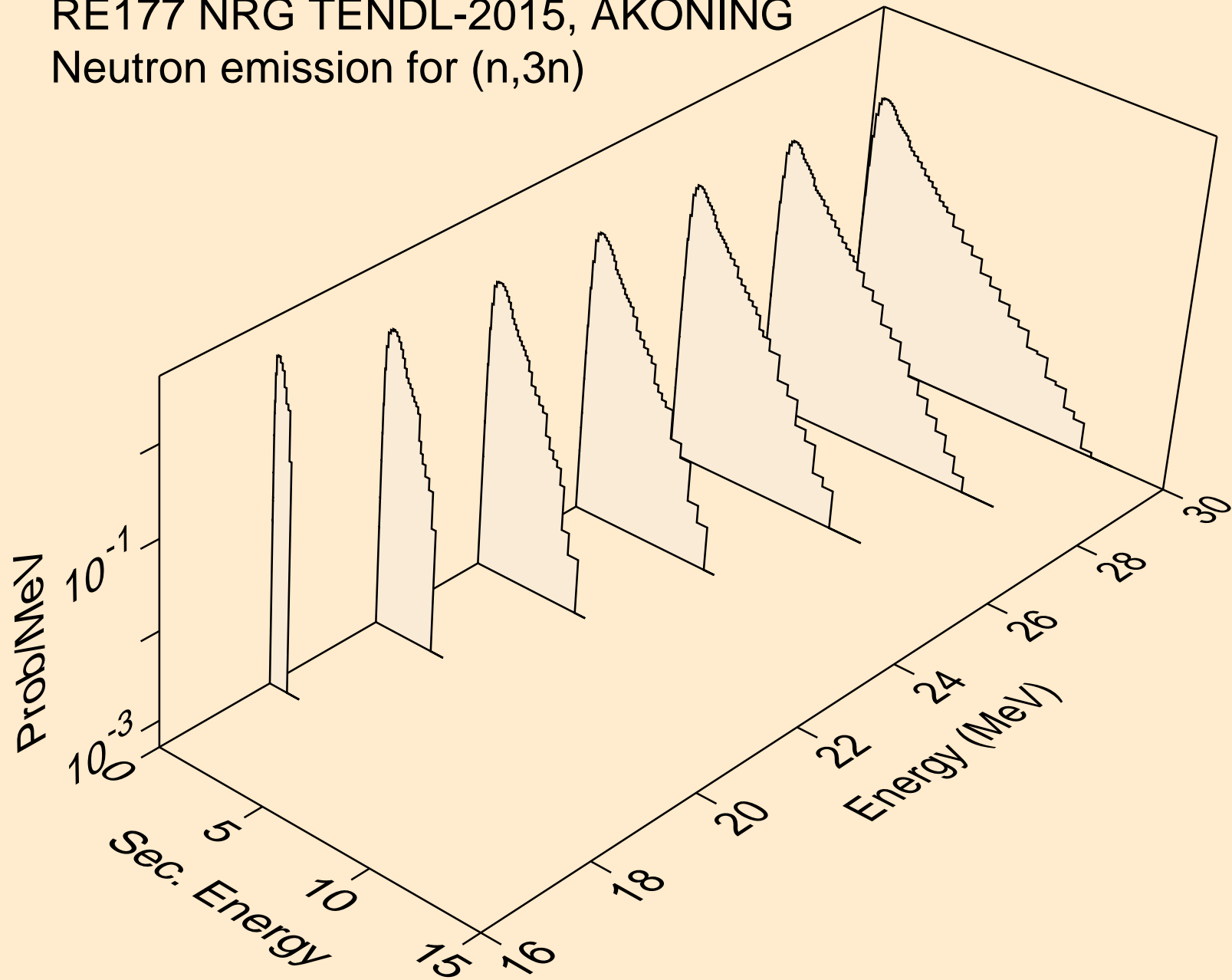
RE177 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



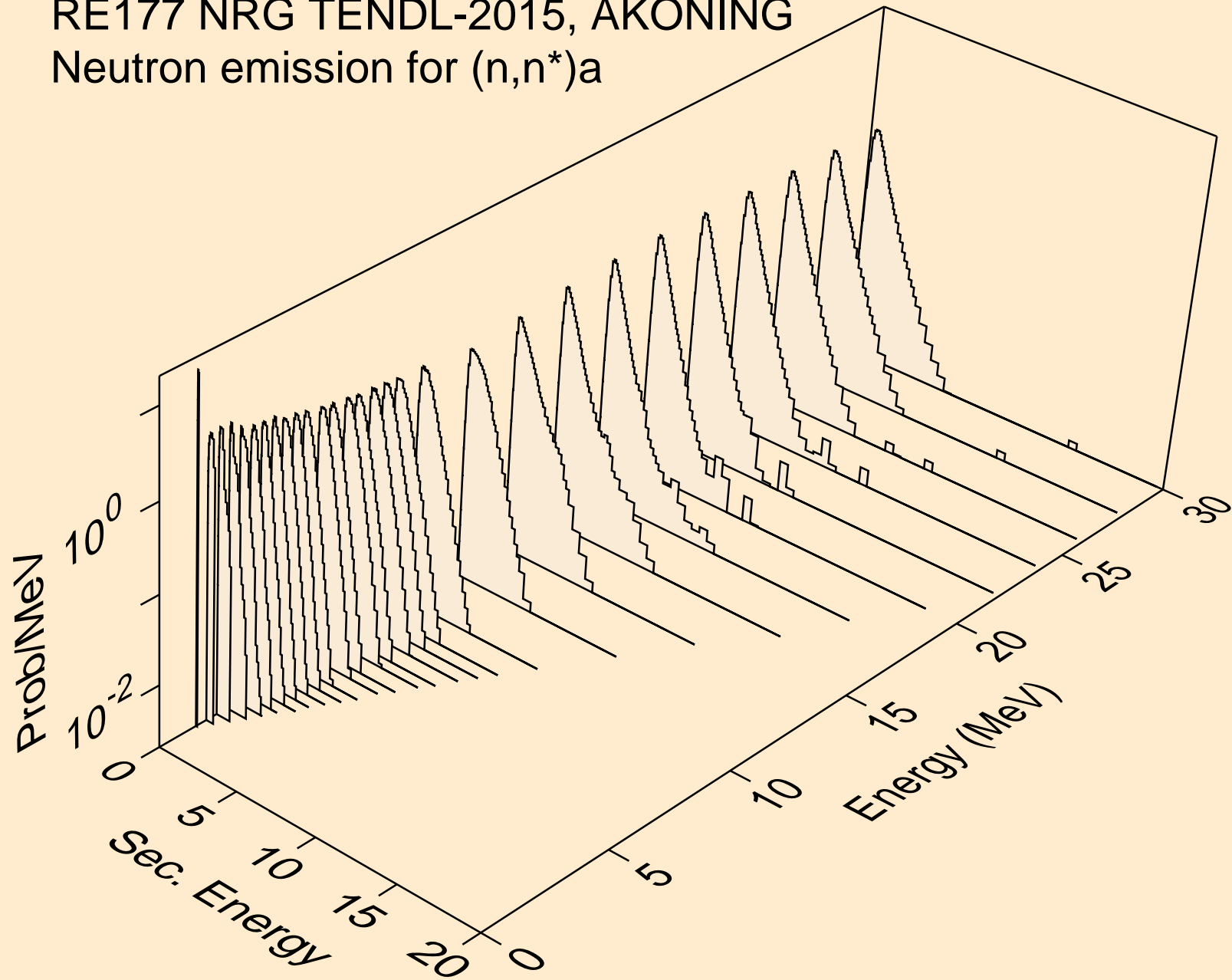
RE177 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



RE177 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)

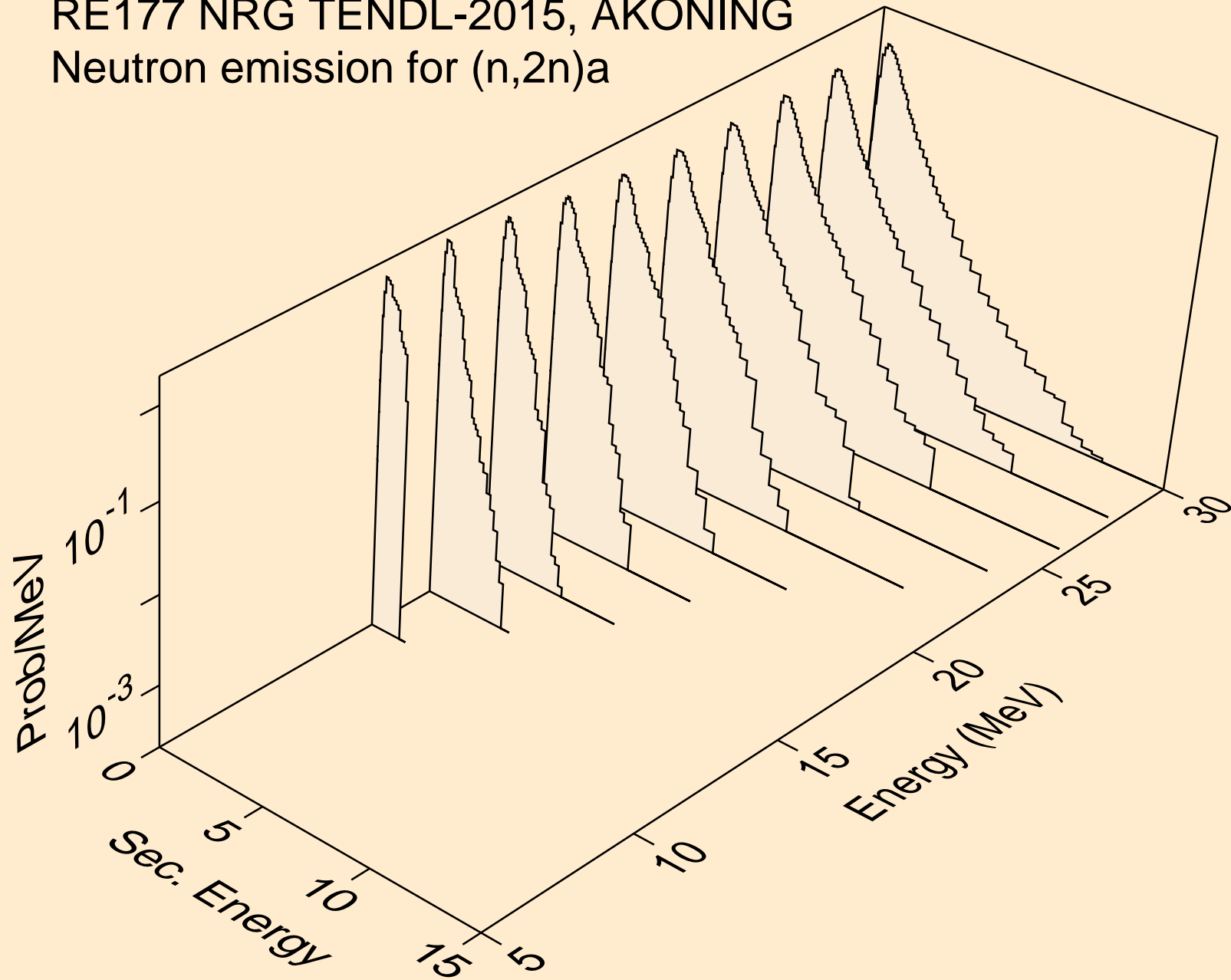


RE177 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a

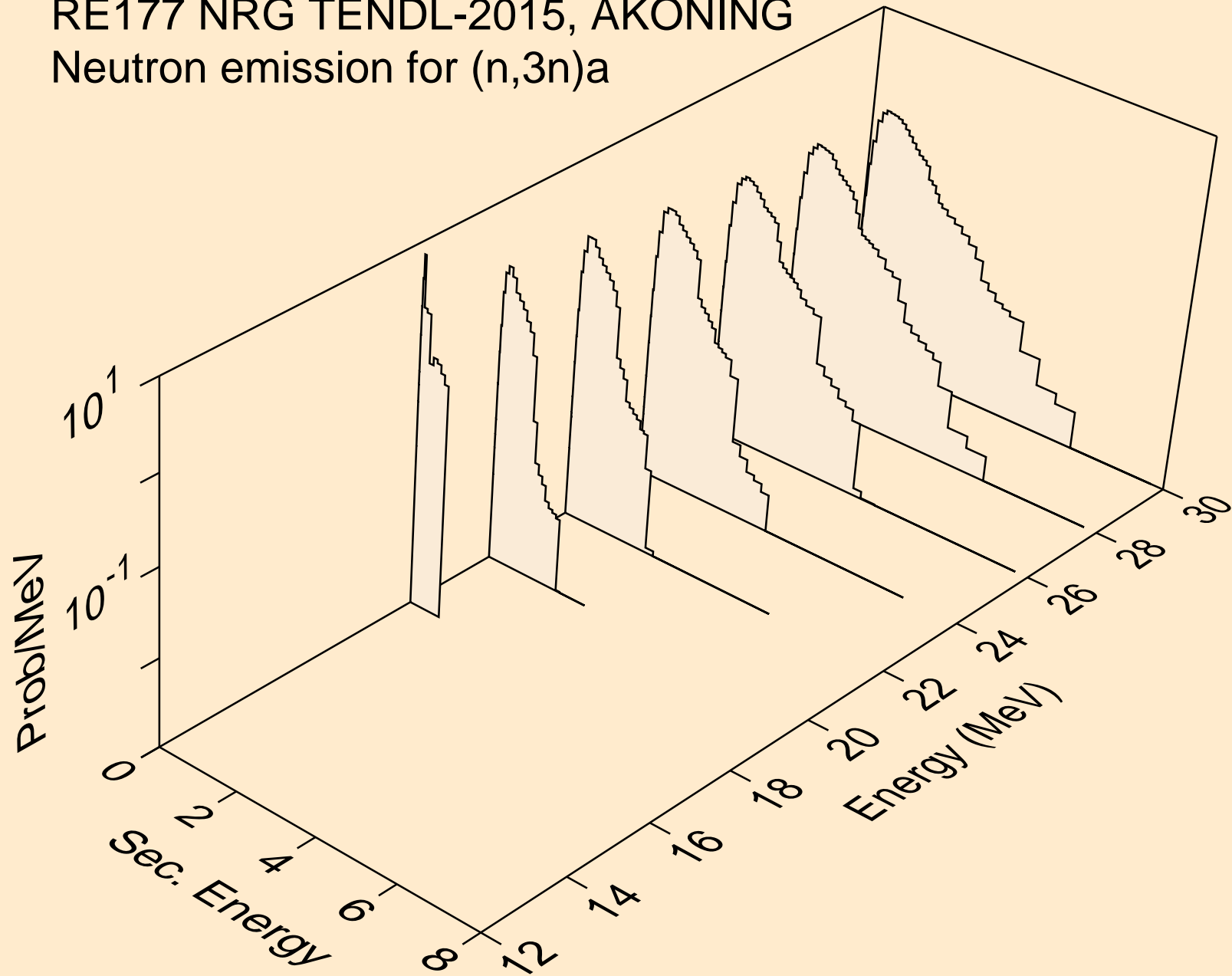




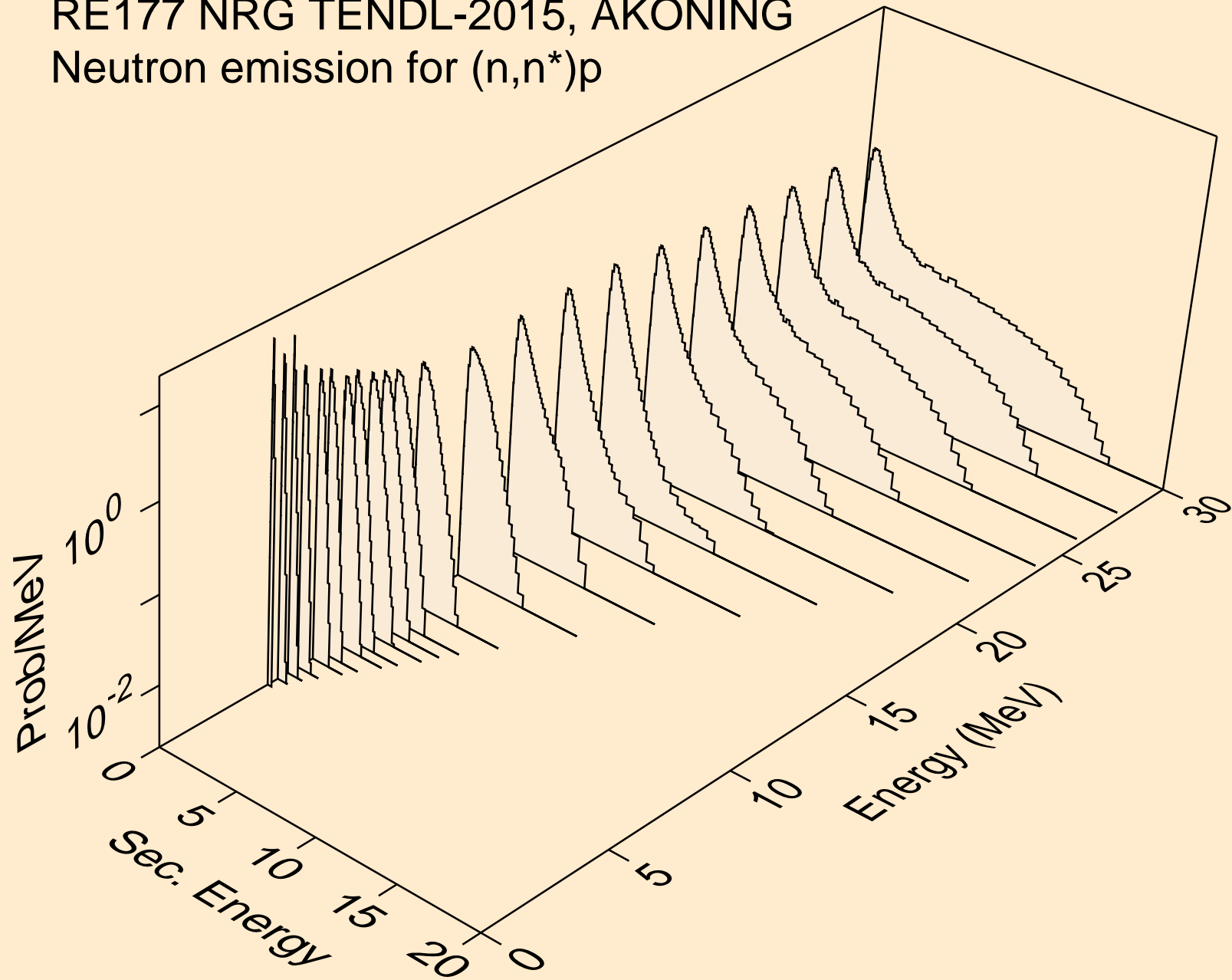
RE177 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)<sub>a</sub>



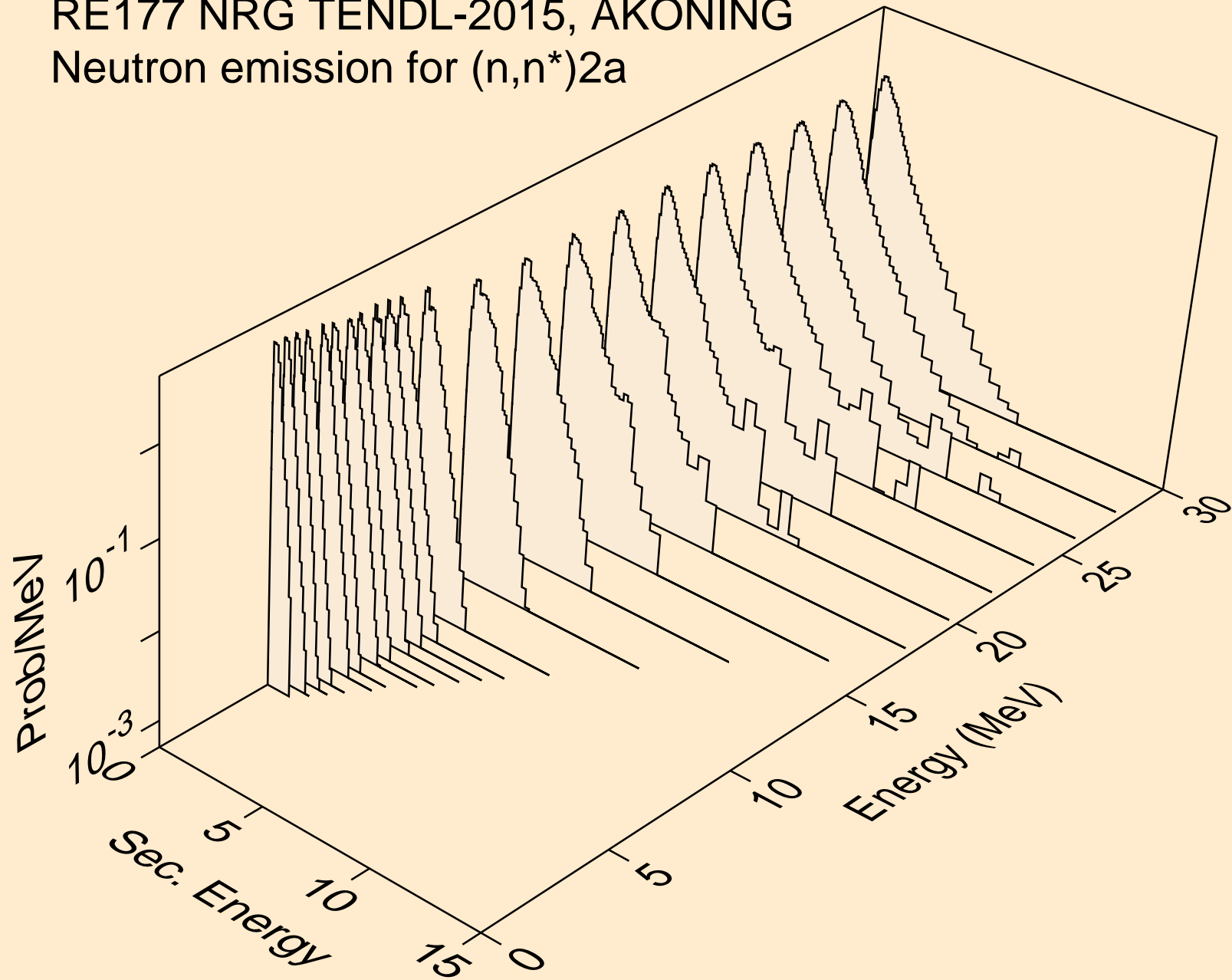
RE177 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



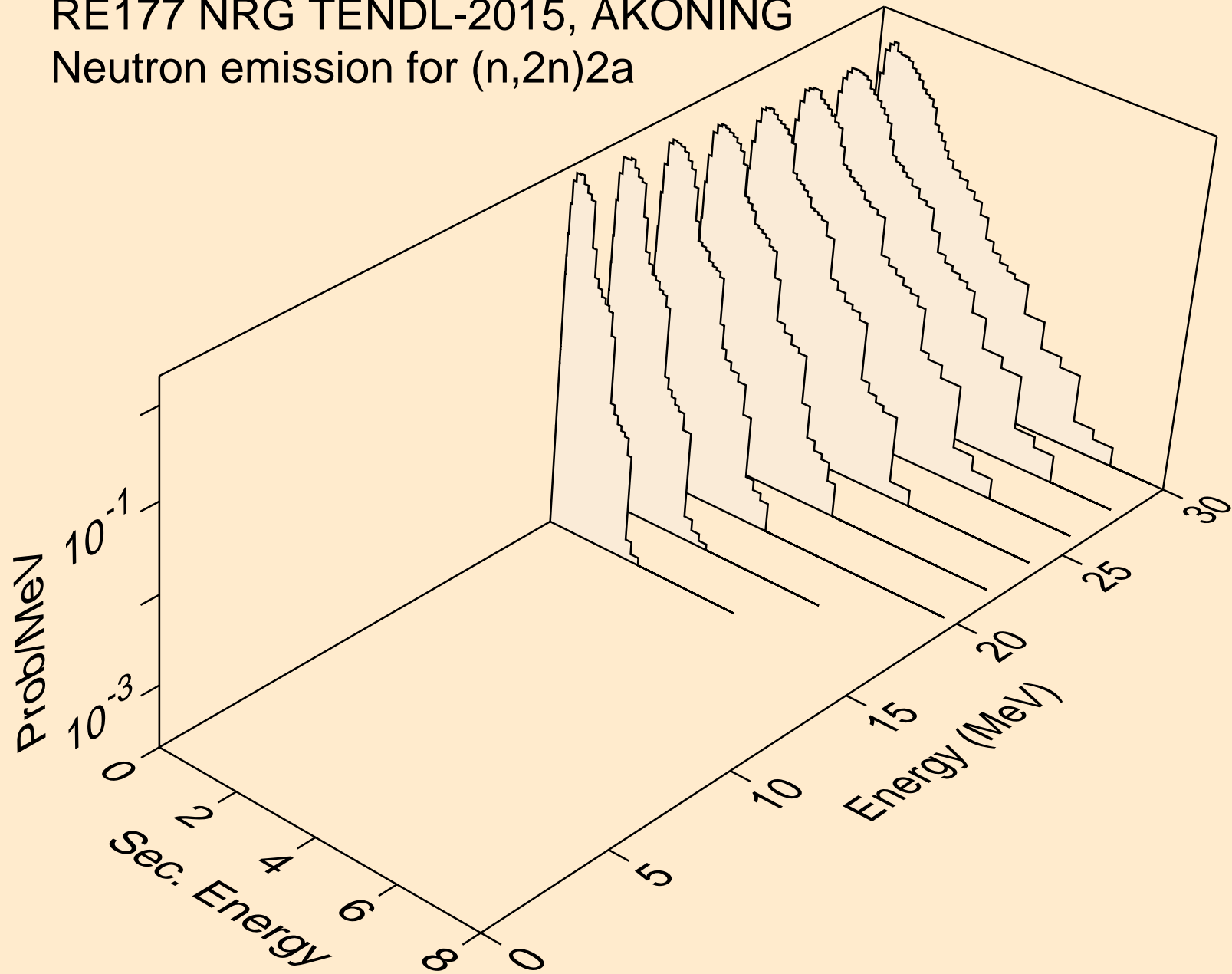
RE177 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



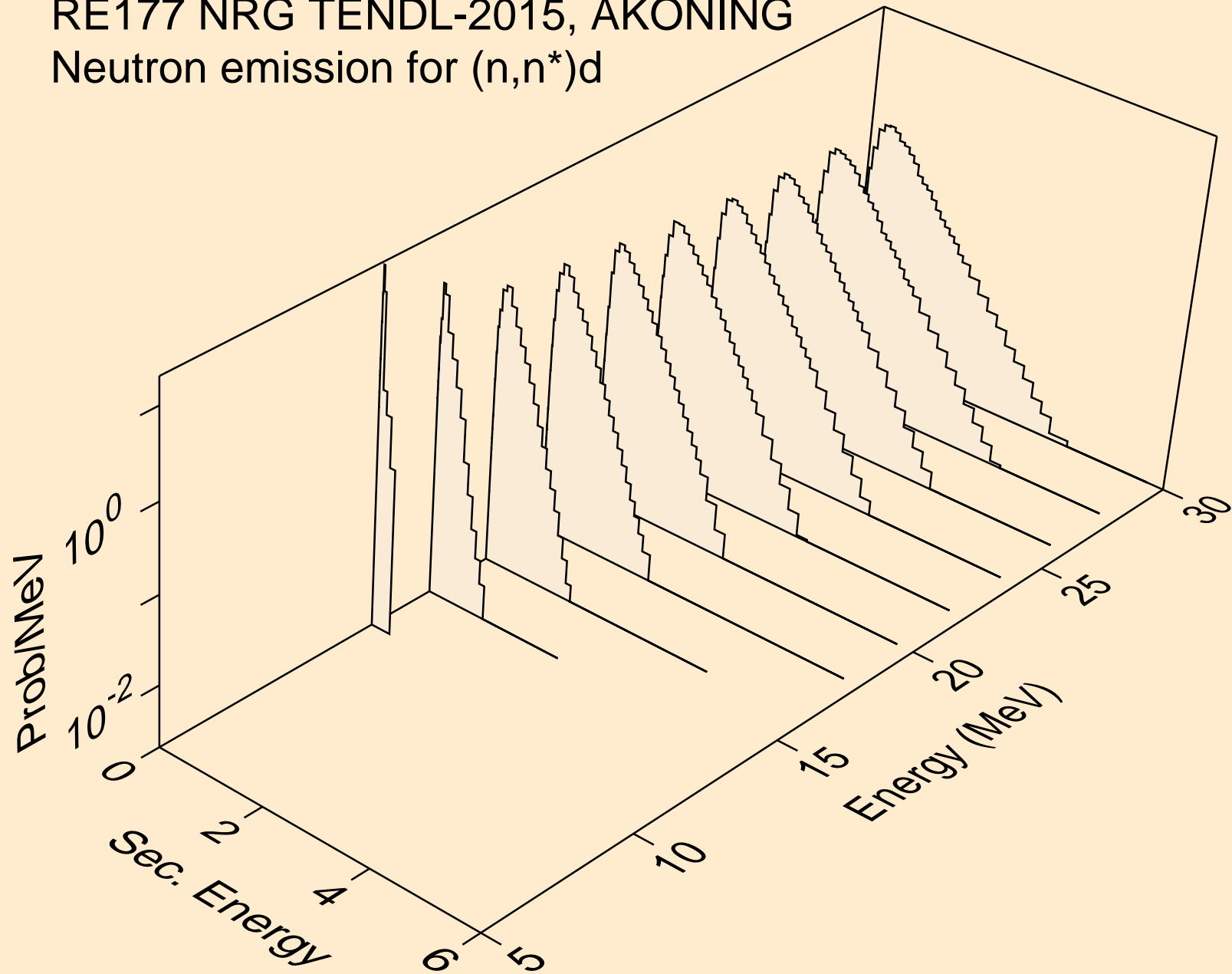
RE177 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



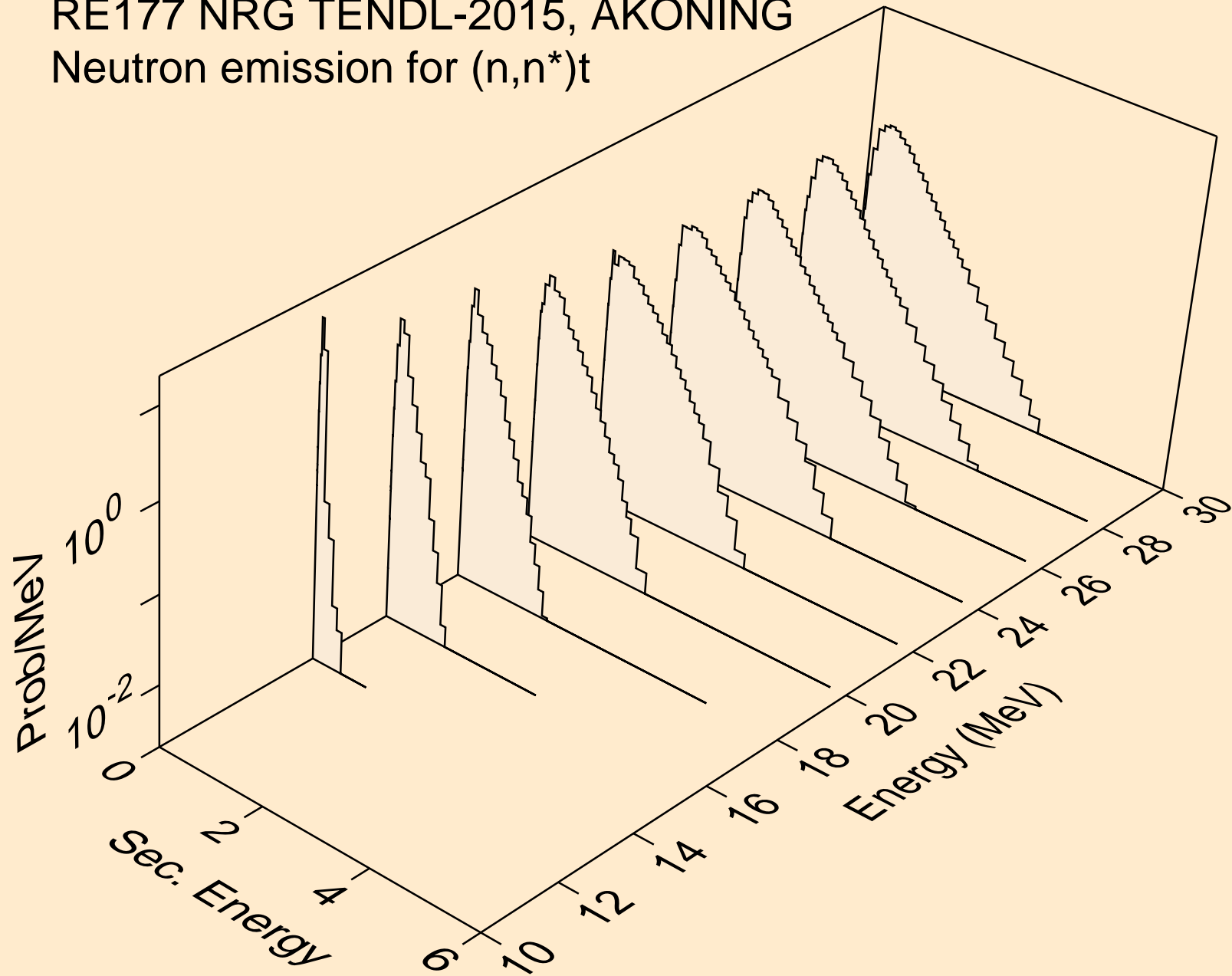
RE177 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



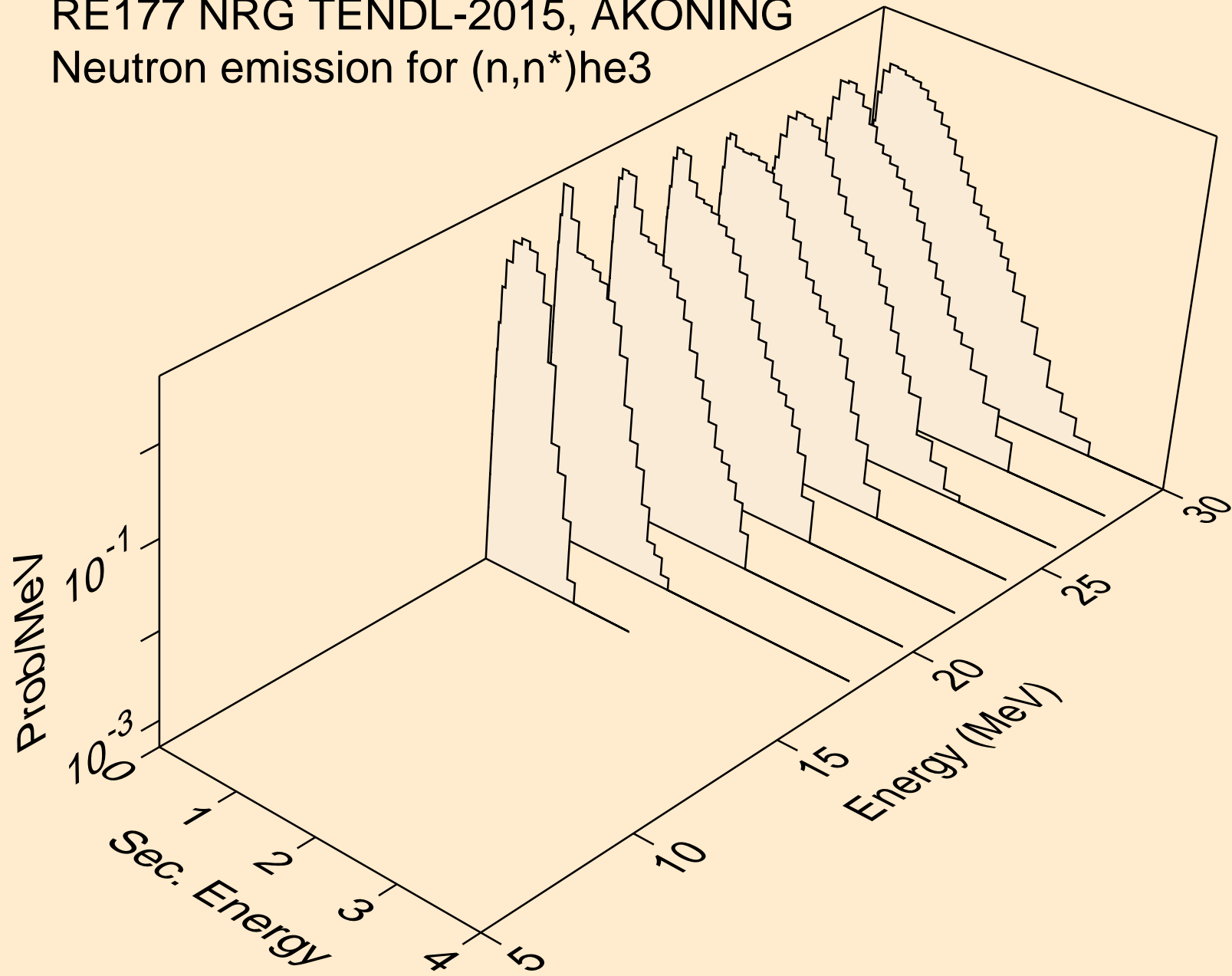
RE177 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



RE177 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

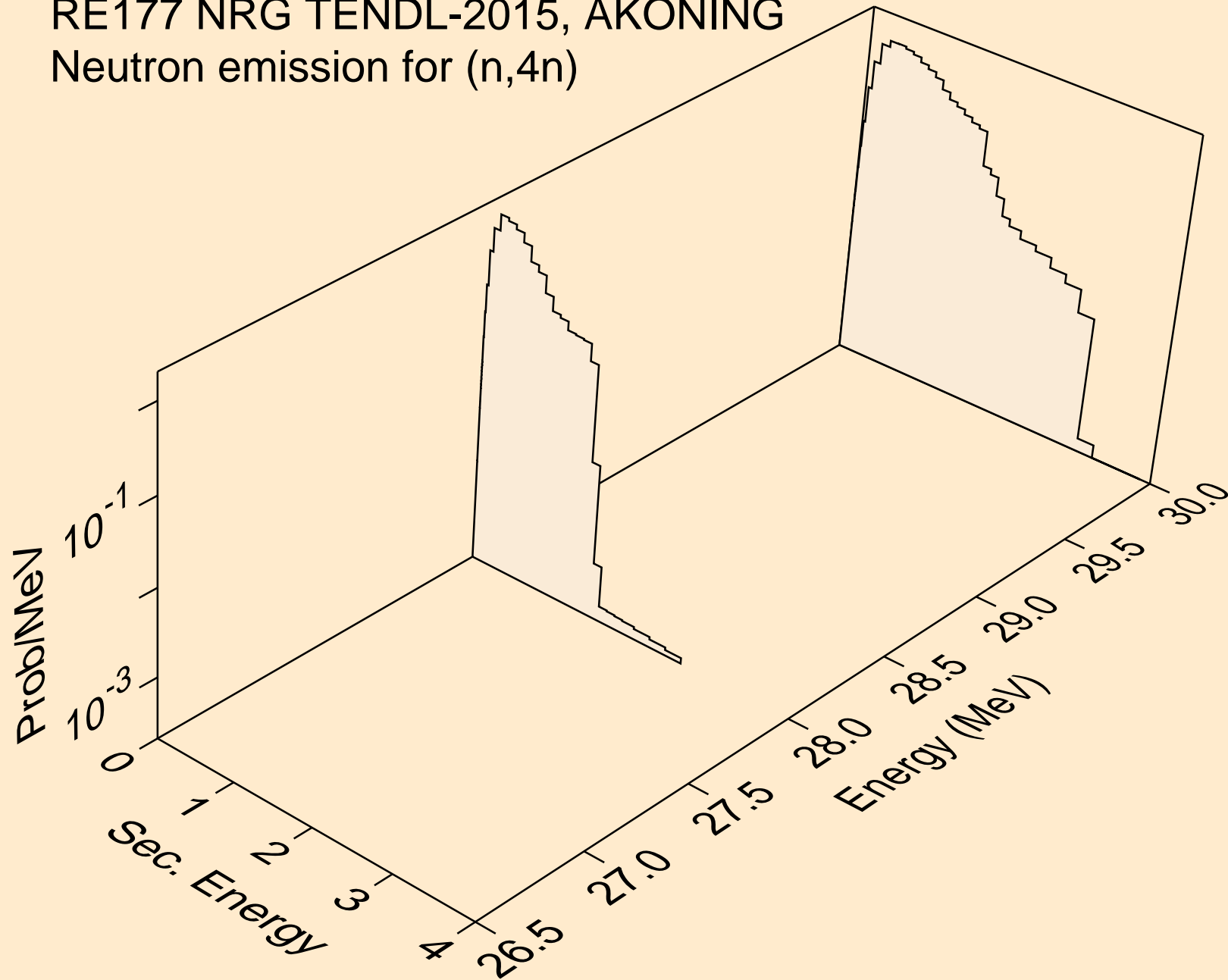


RE177 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

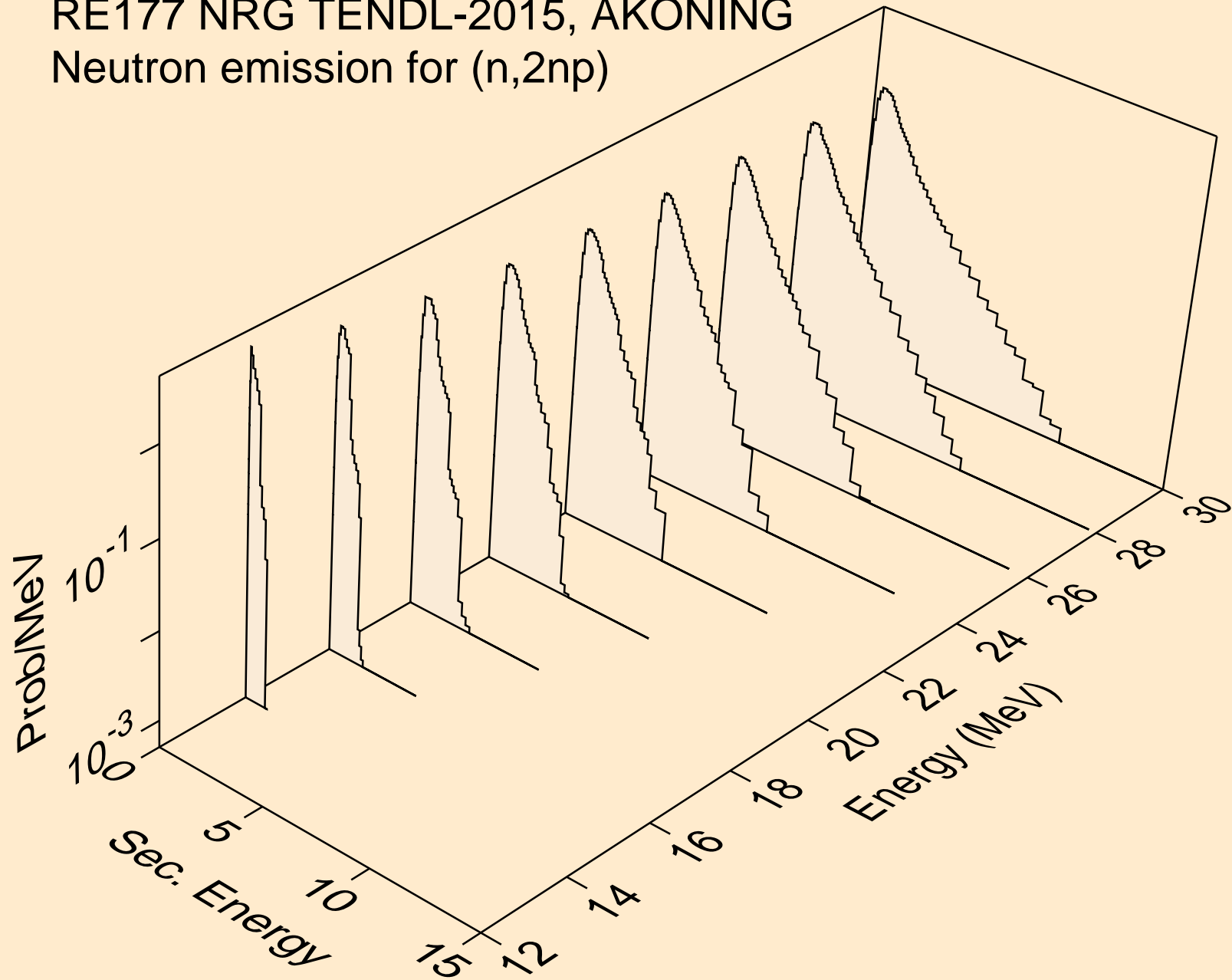




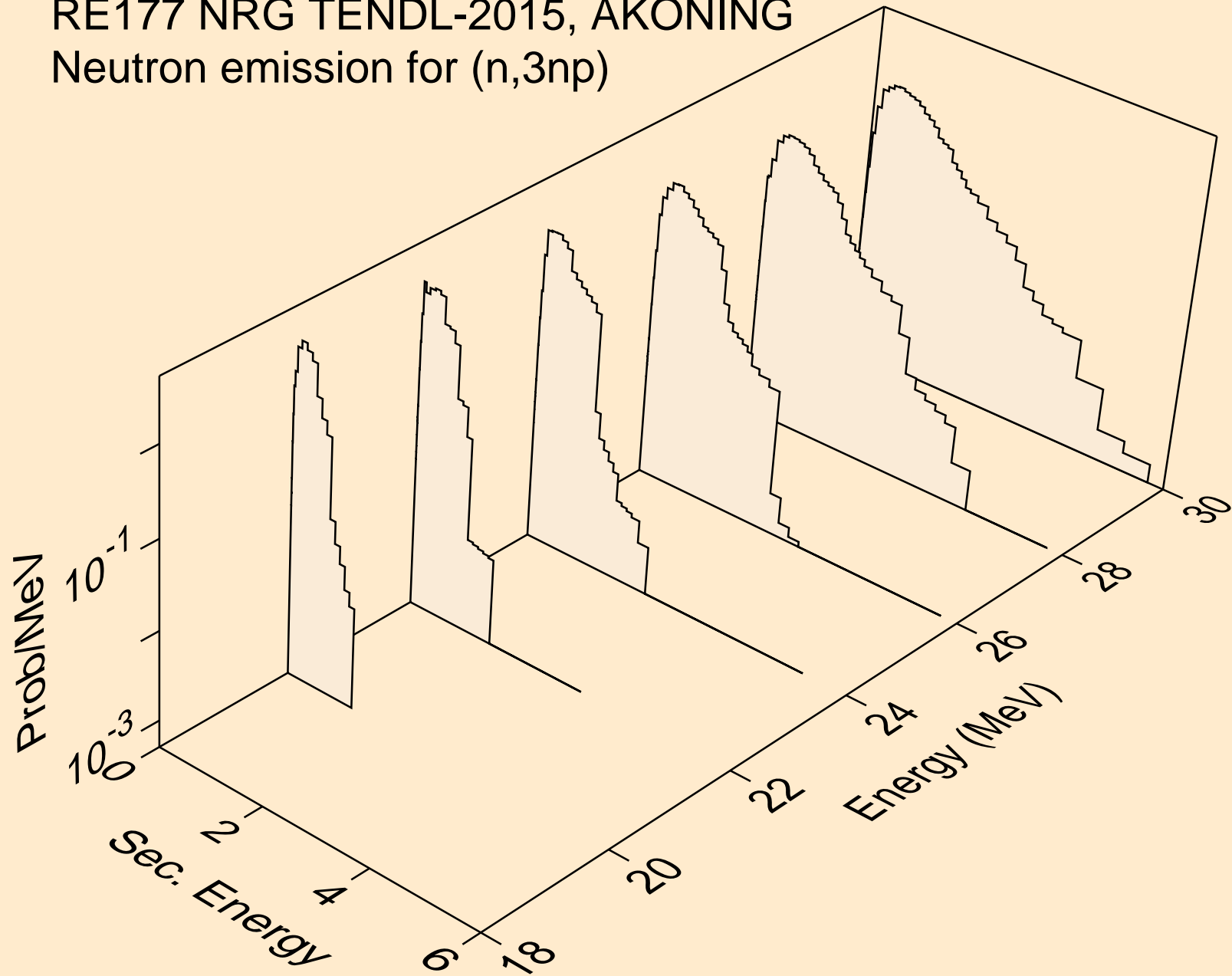
RE177 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



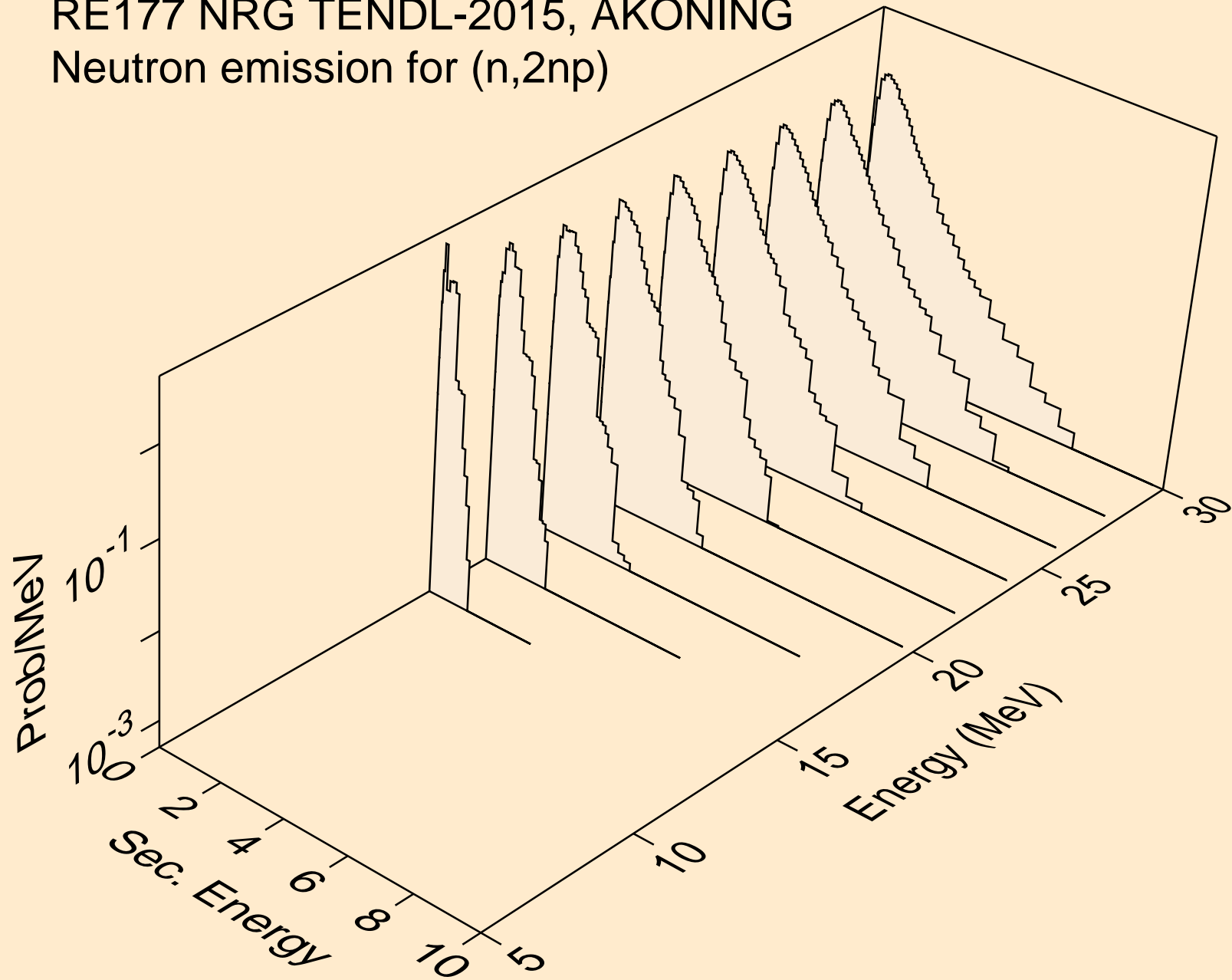
RE177 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



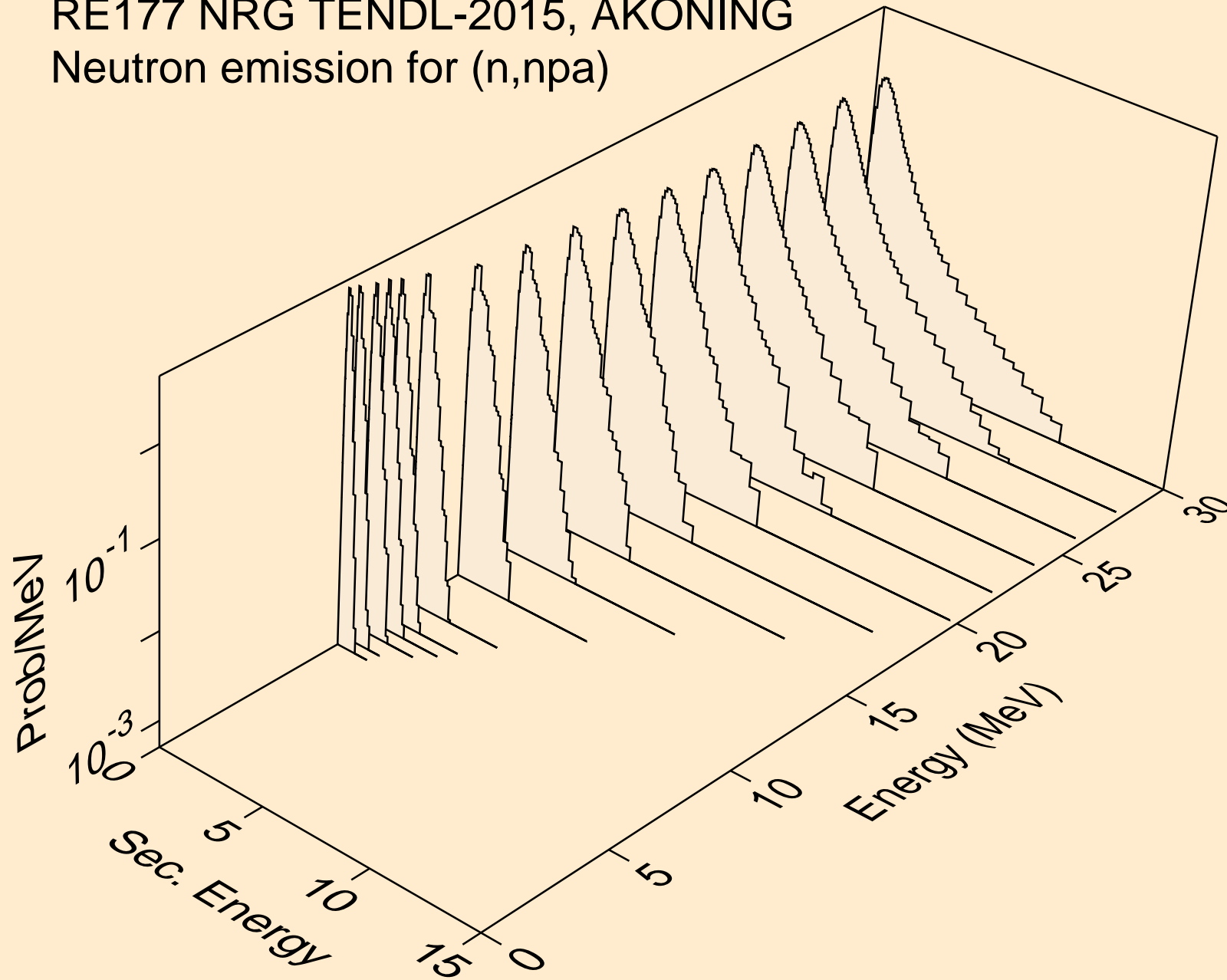
RE177 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



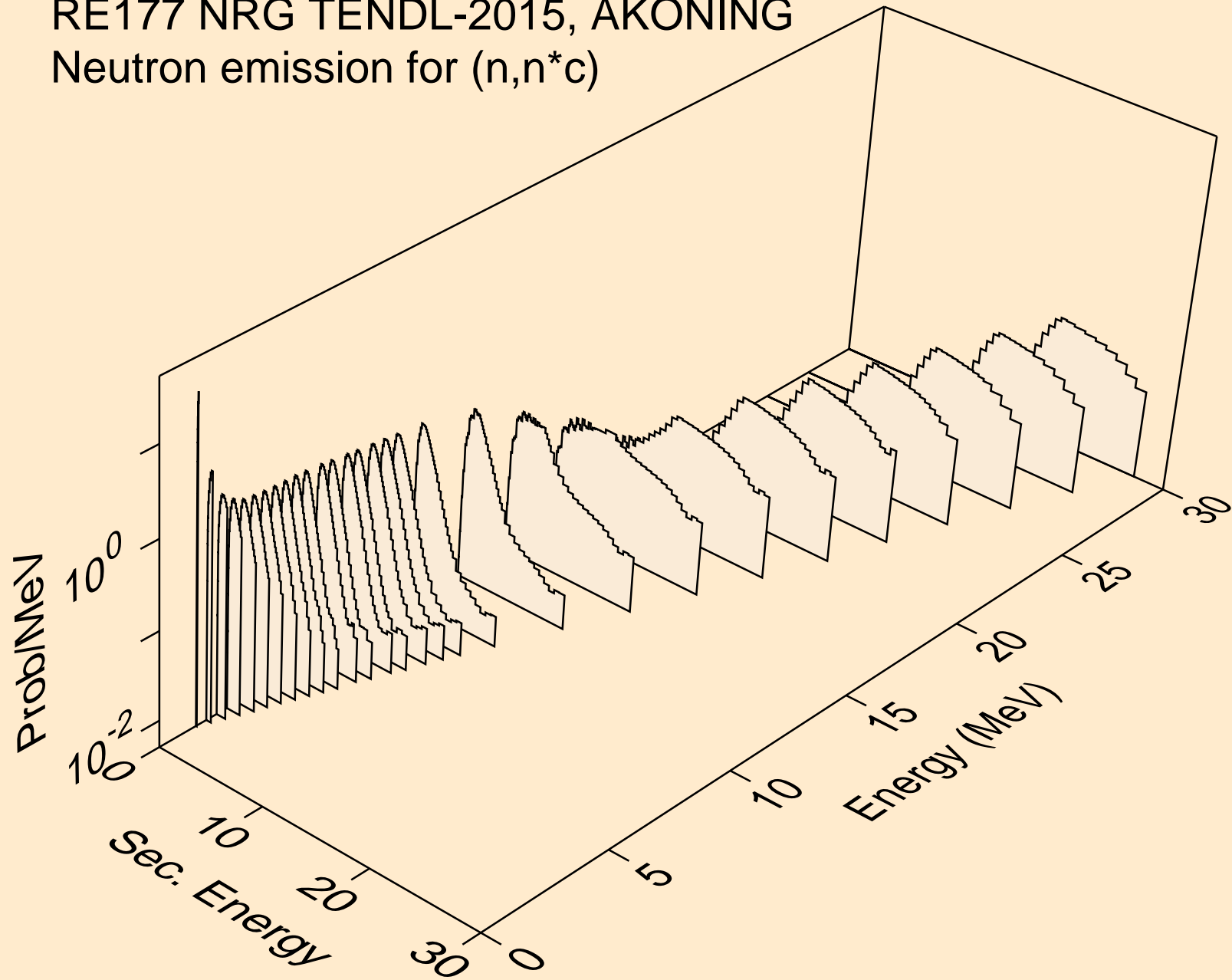
RE177 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



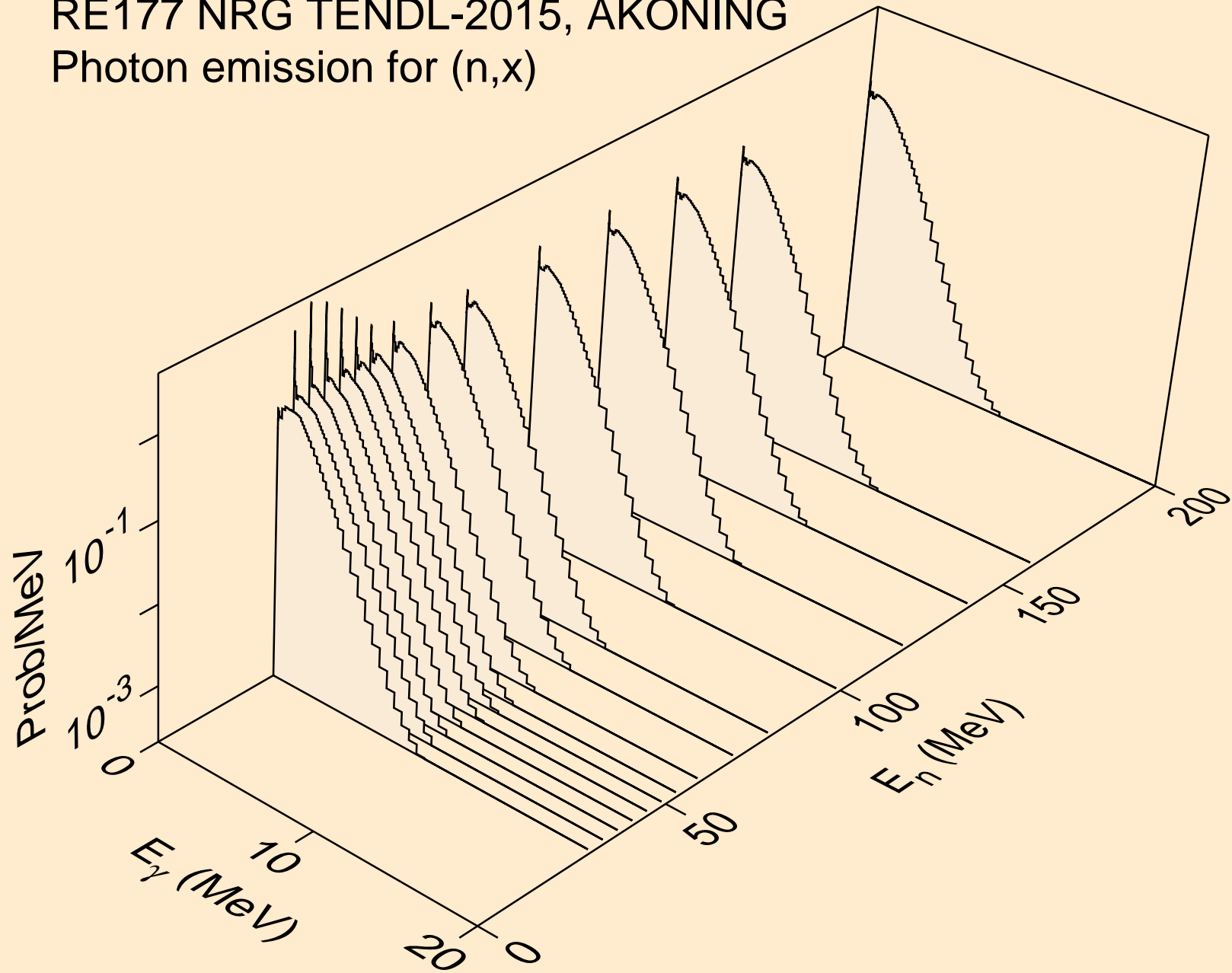
RE177 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



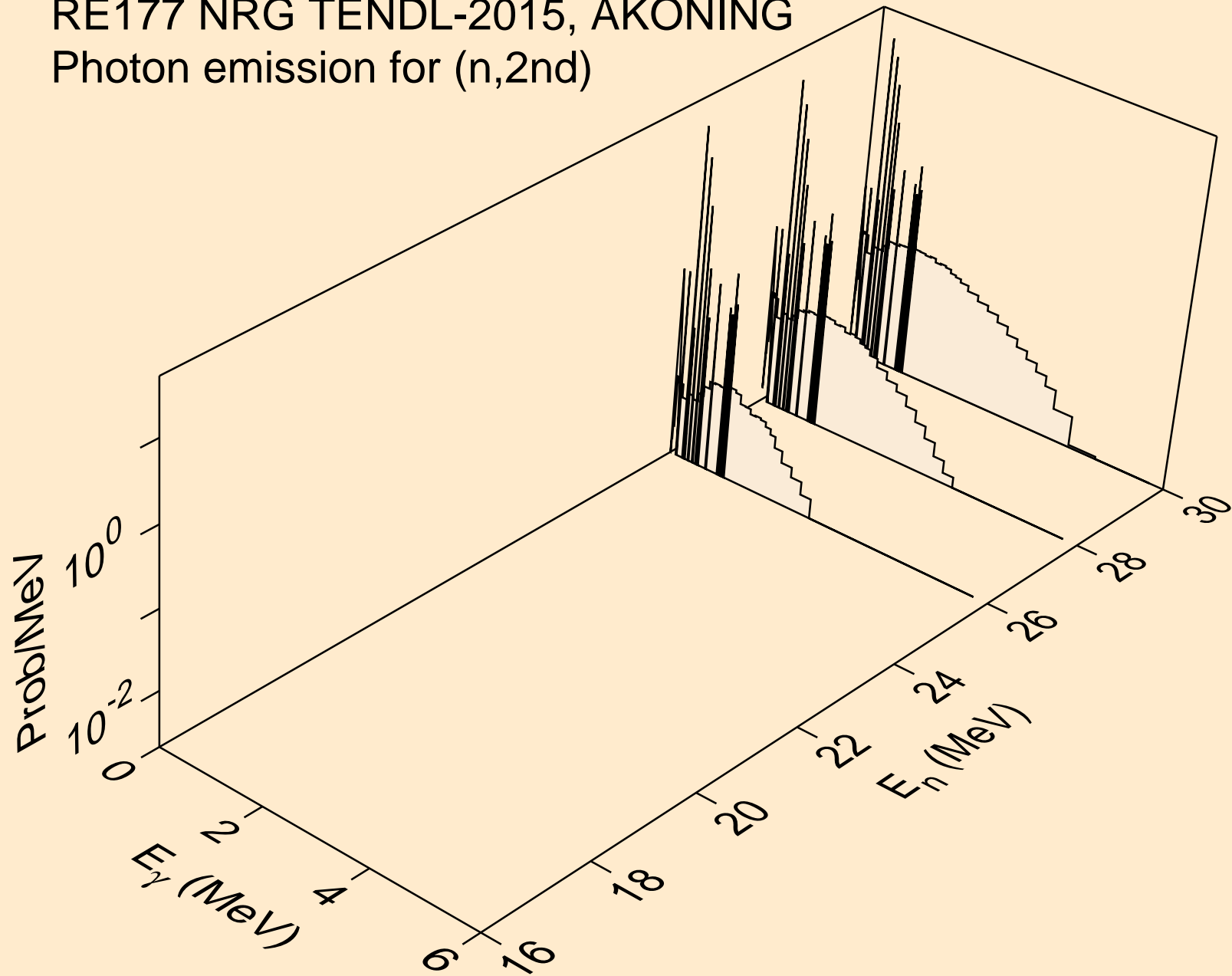
RE177 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



RE177 NRG TENDL-2015, AKONING  
Photon emission for (n,x)

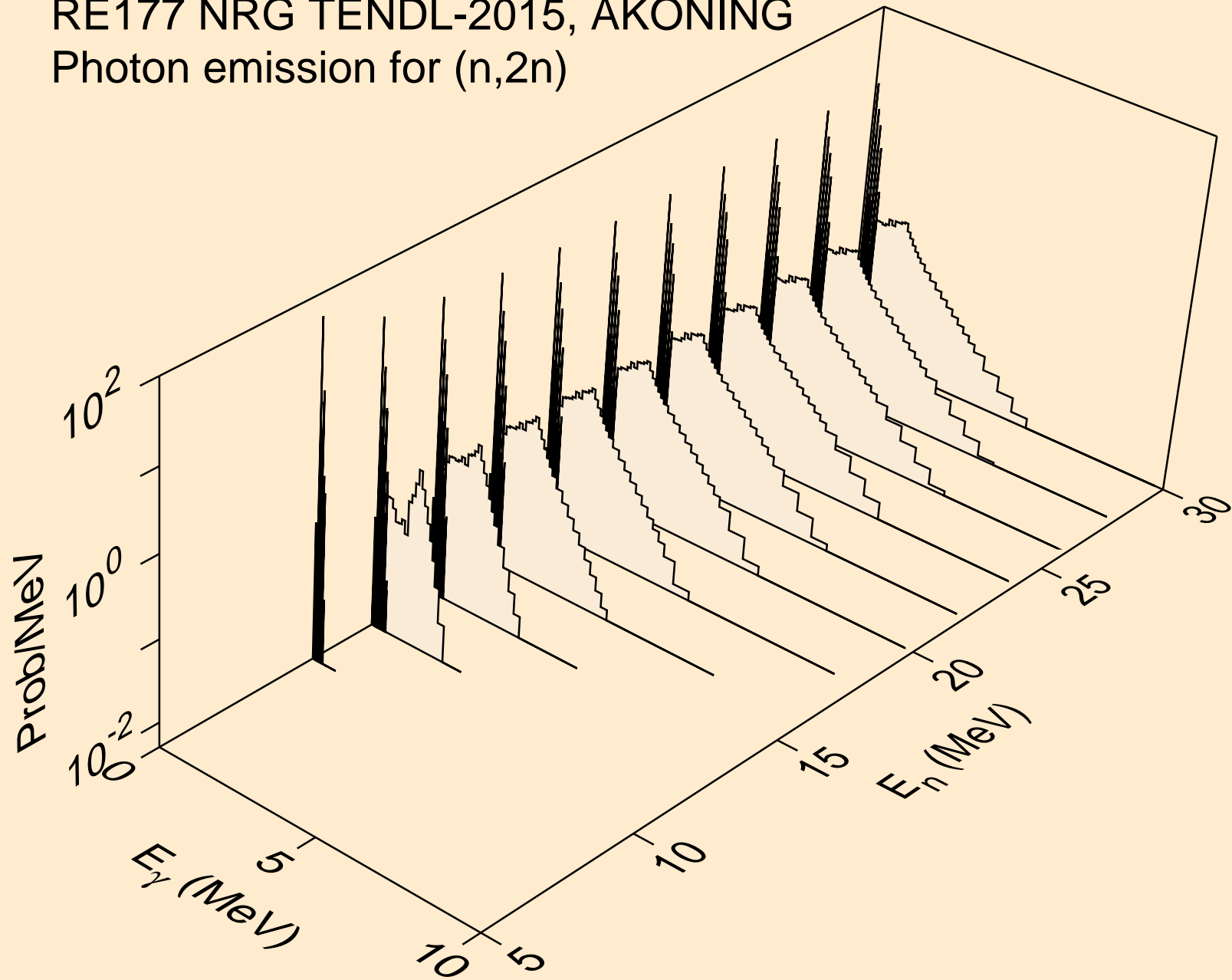


RE177 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

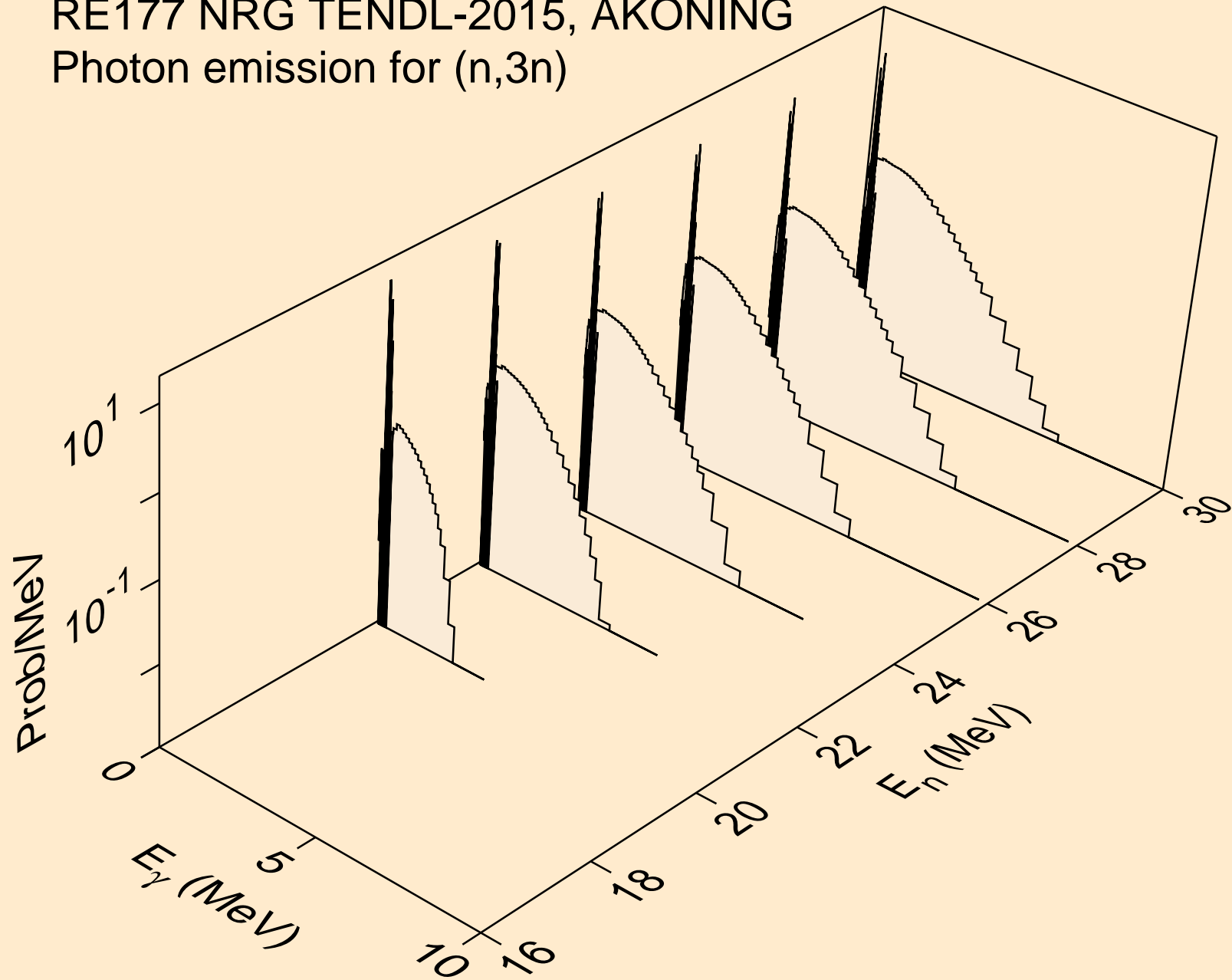




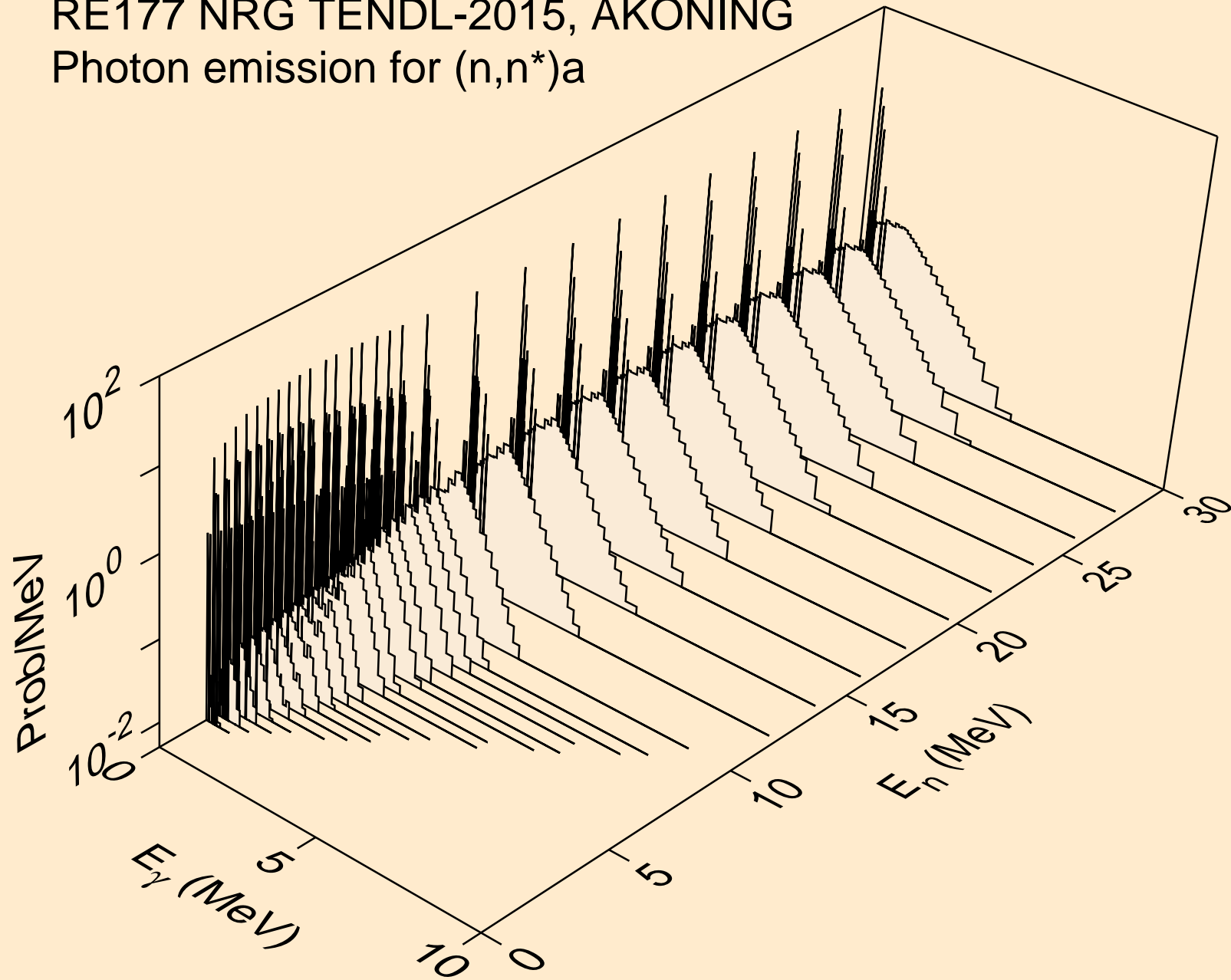
RE177 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



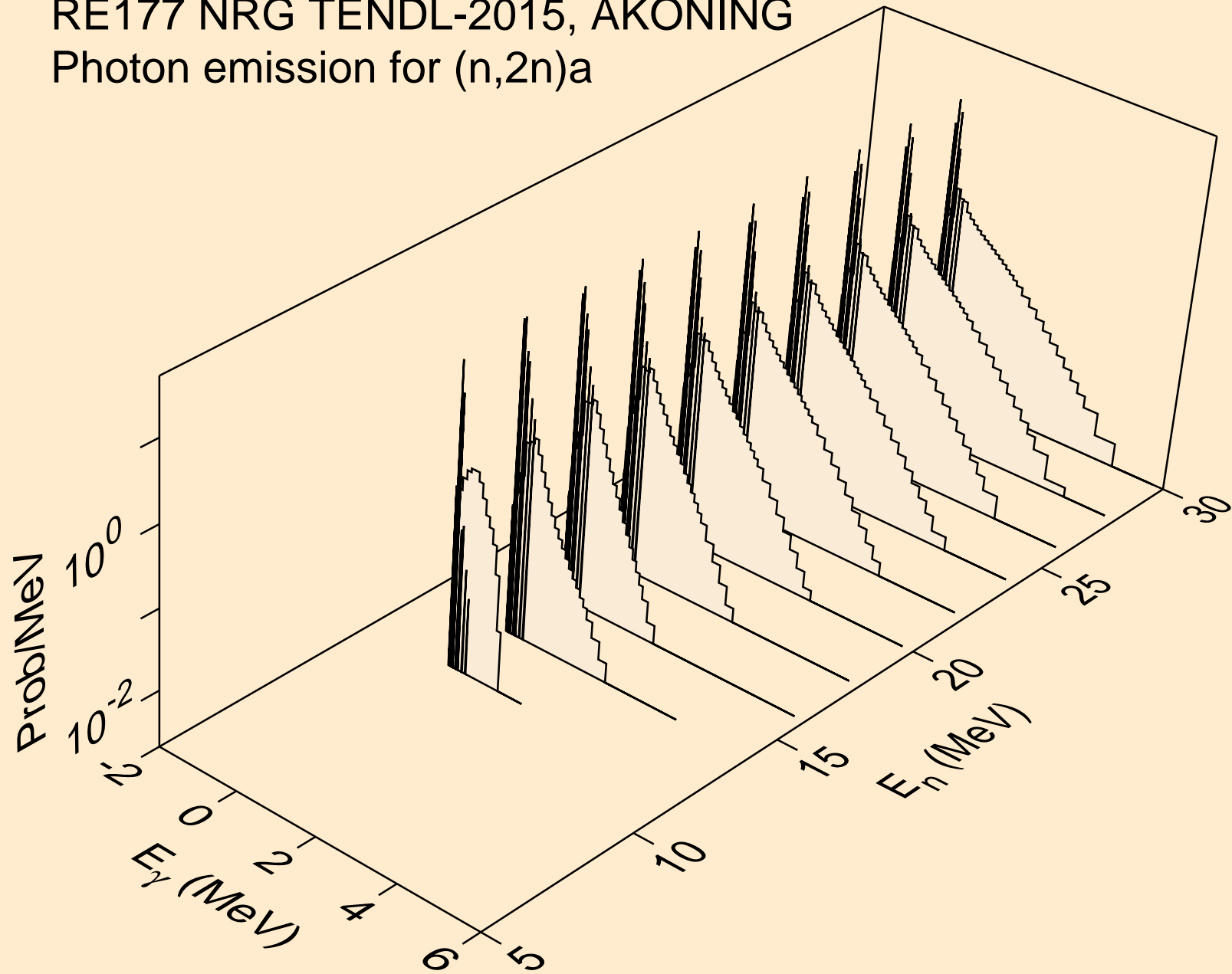
RE177 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



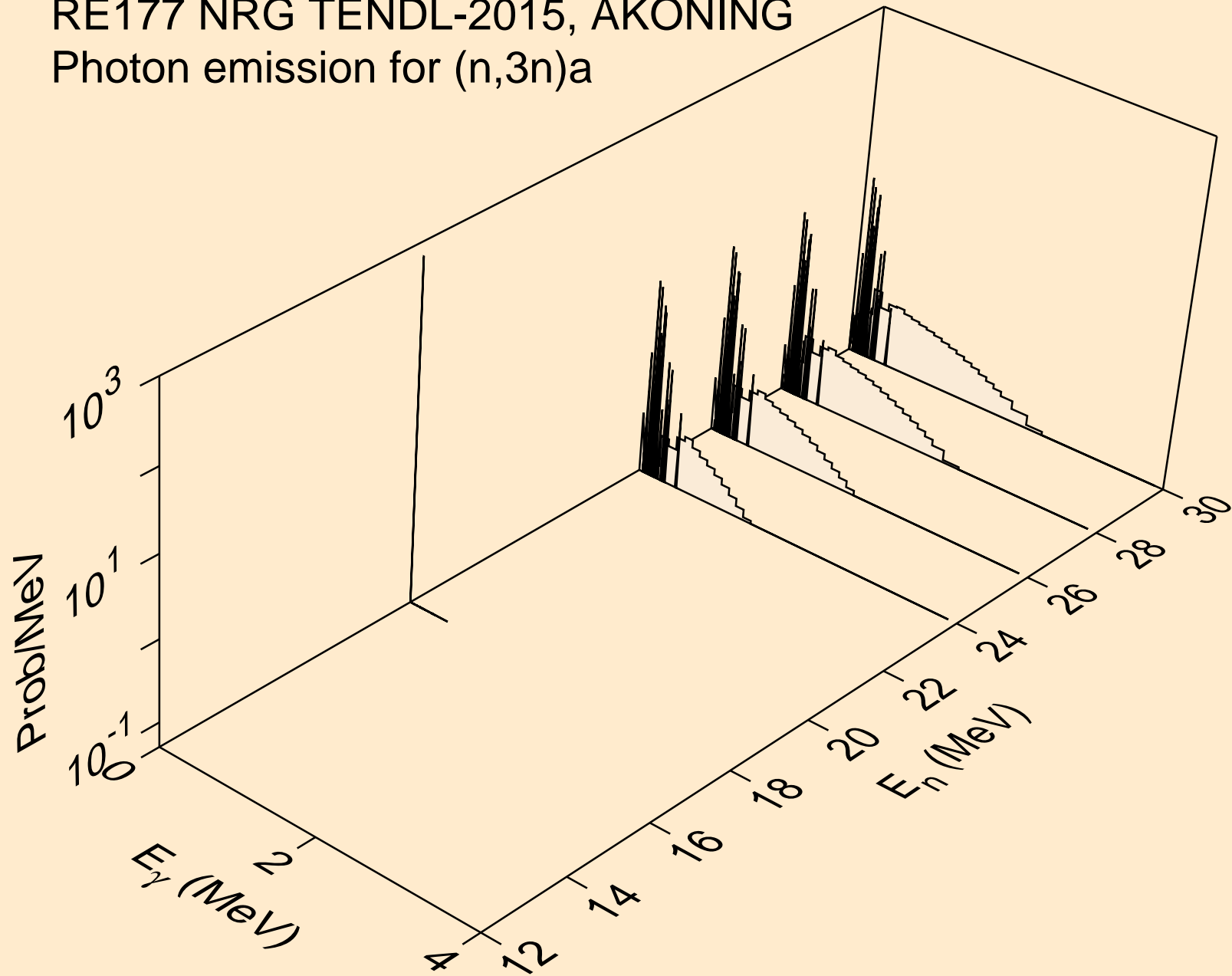
RE177 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



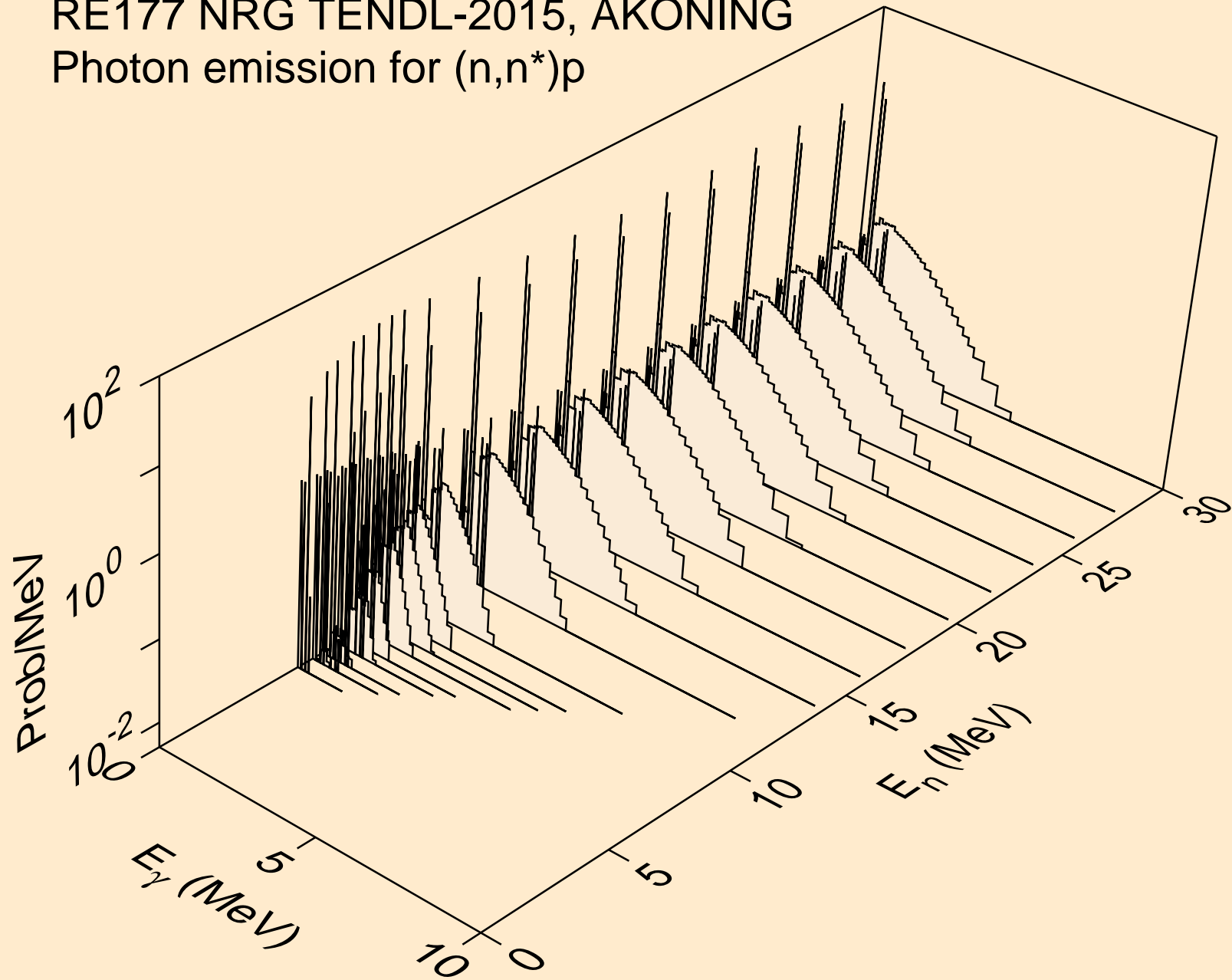
RE177 NRG TENDL-2015, AKONING  
Photon emission for (n,2n) $\alpha$



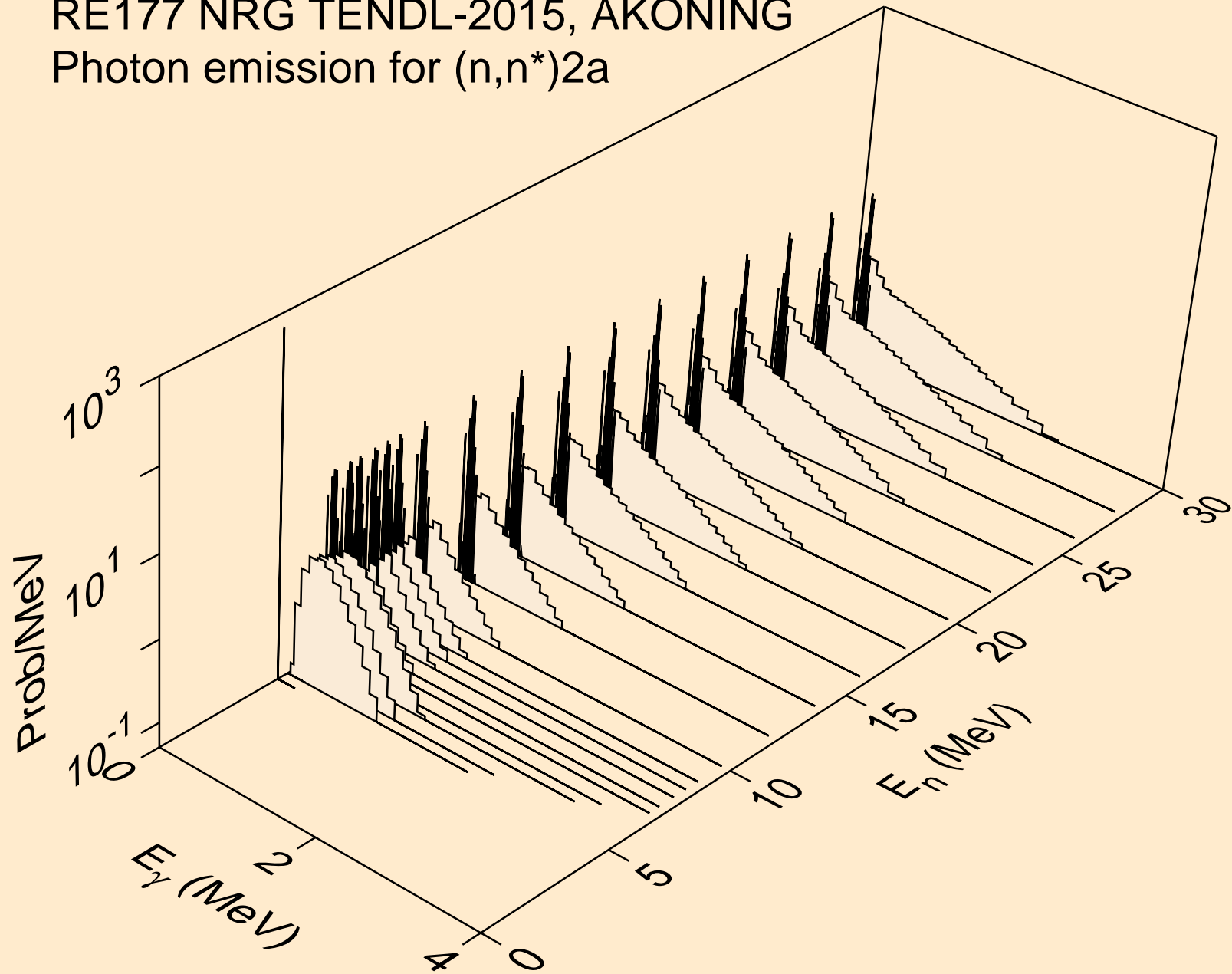
RE177 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



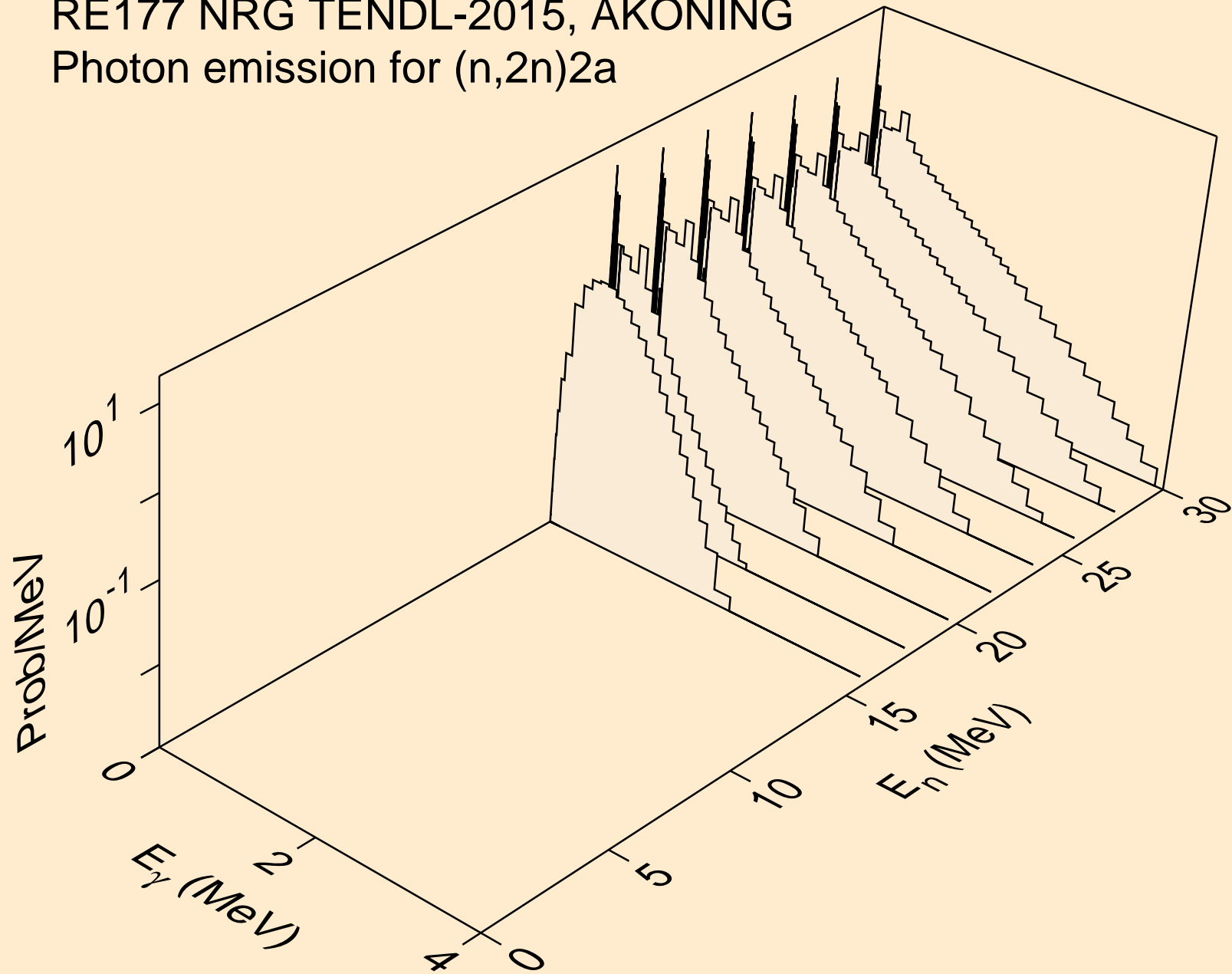
RE177 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



RE177 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a

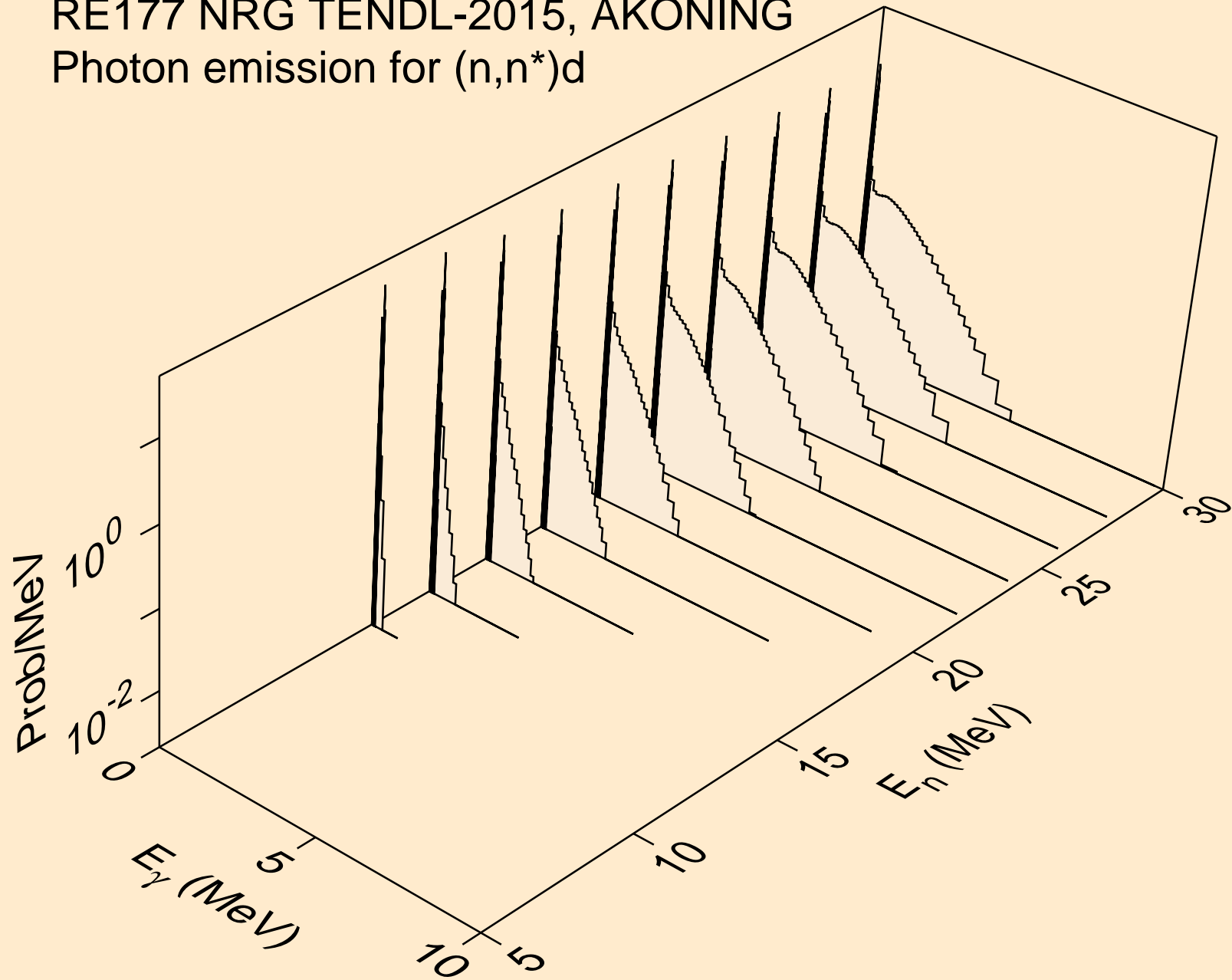


RE177 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a

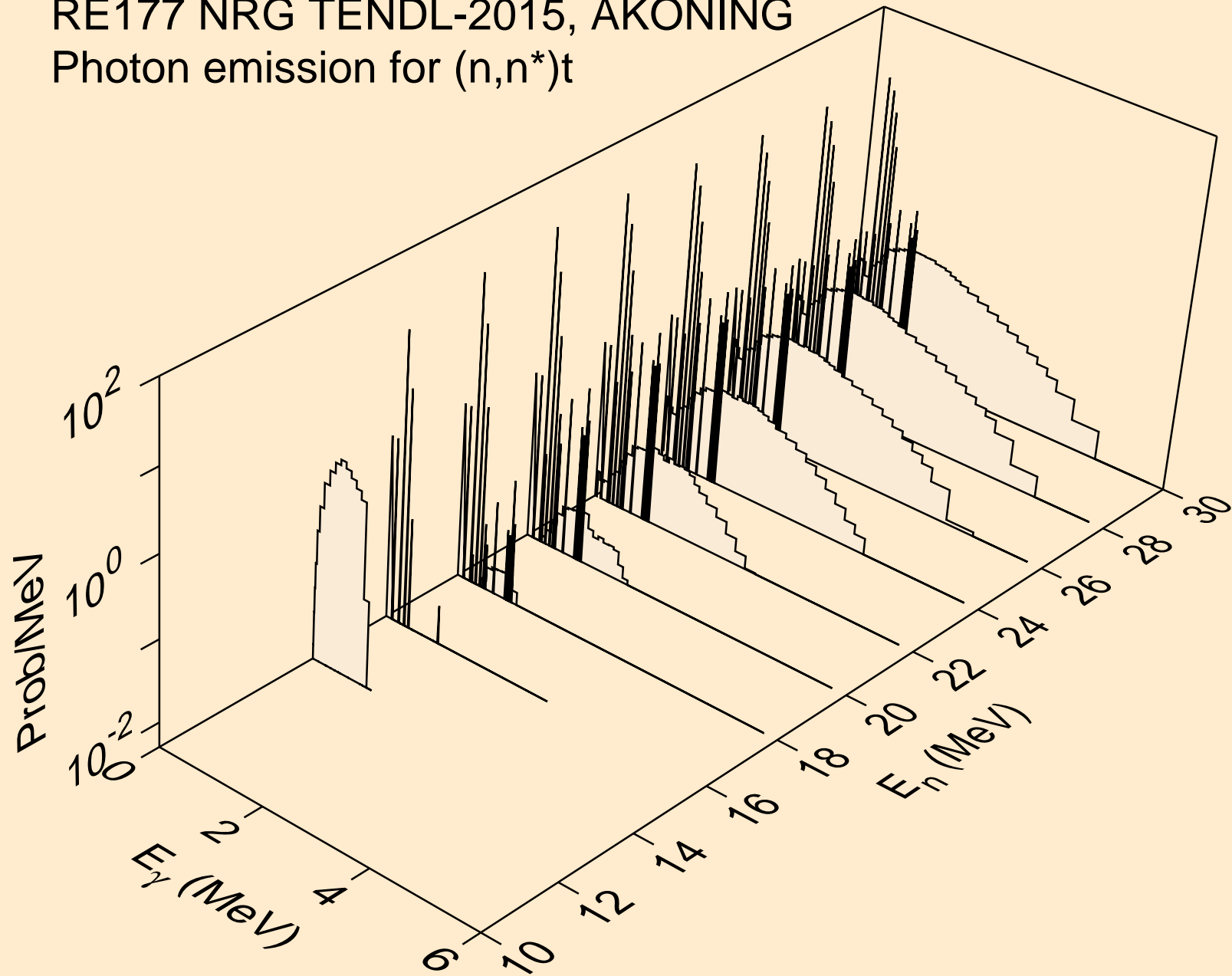




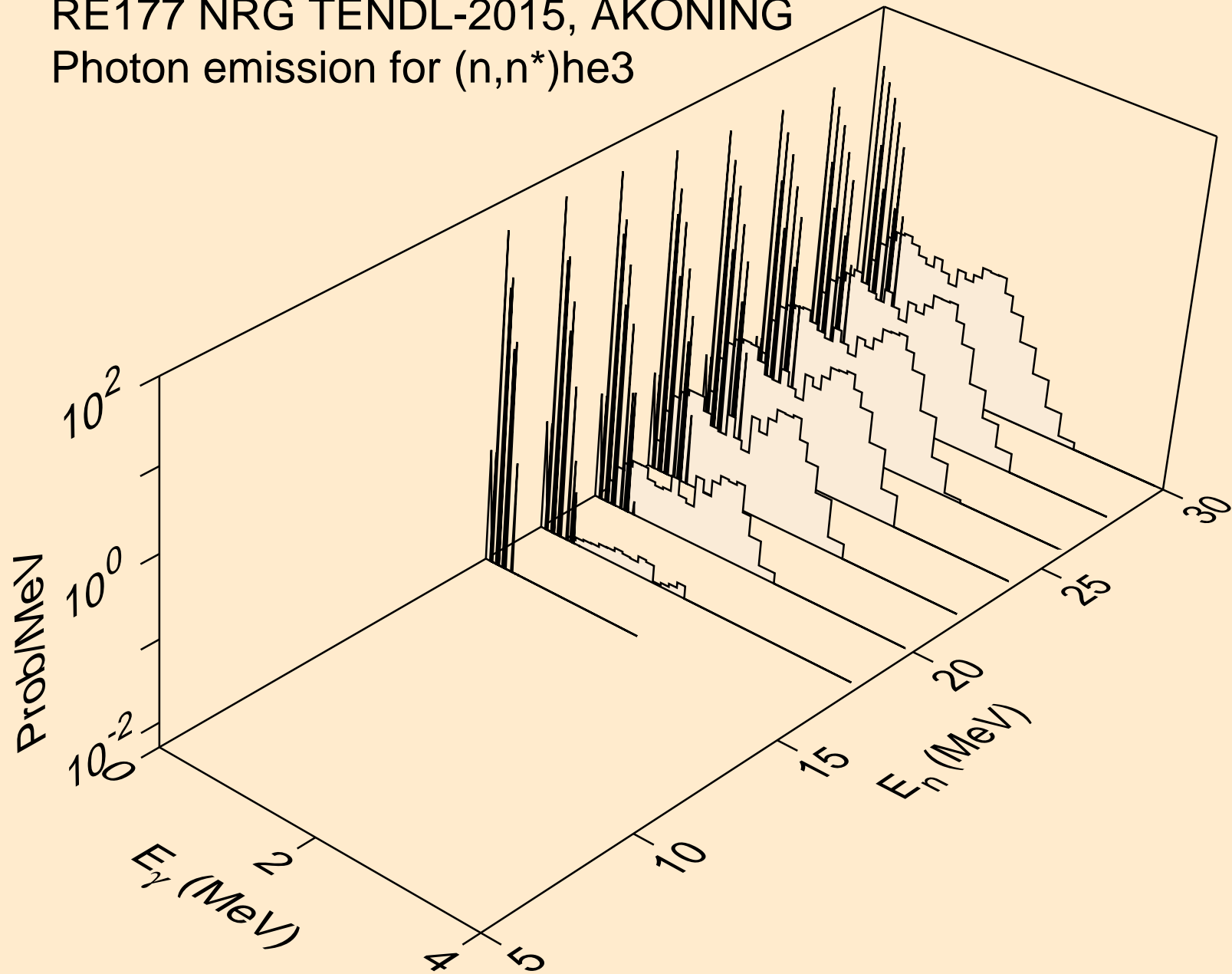
RE177 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



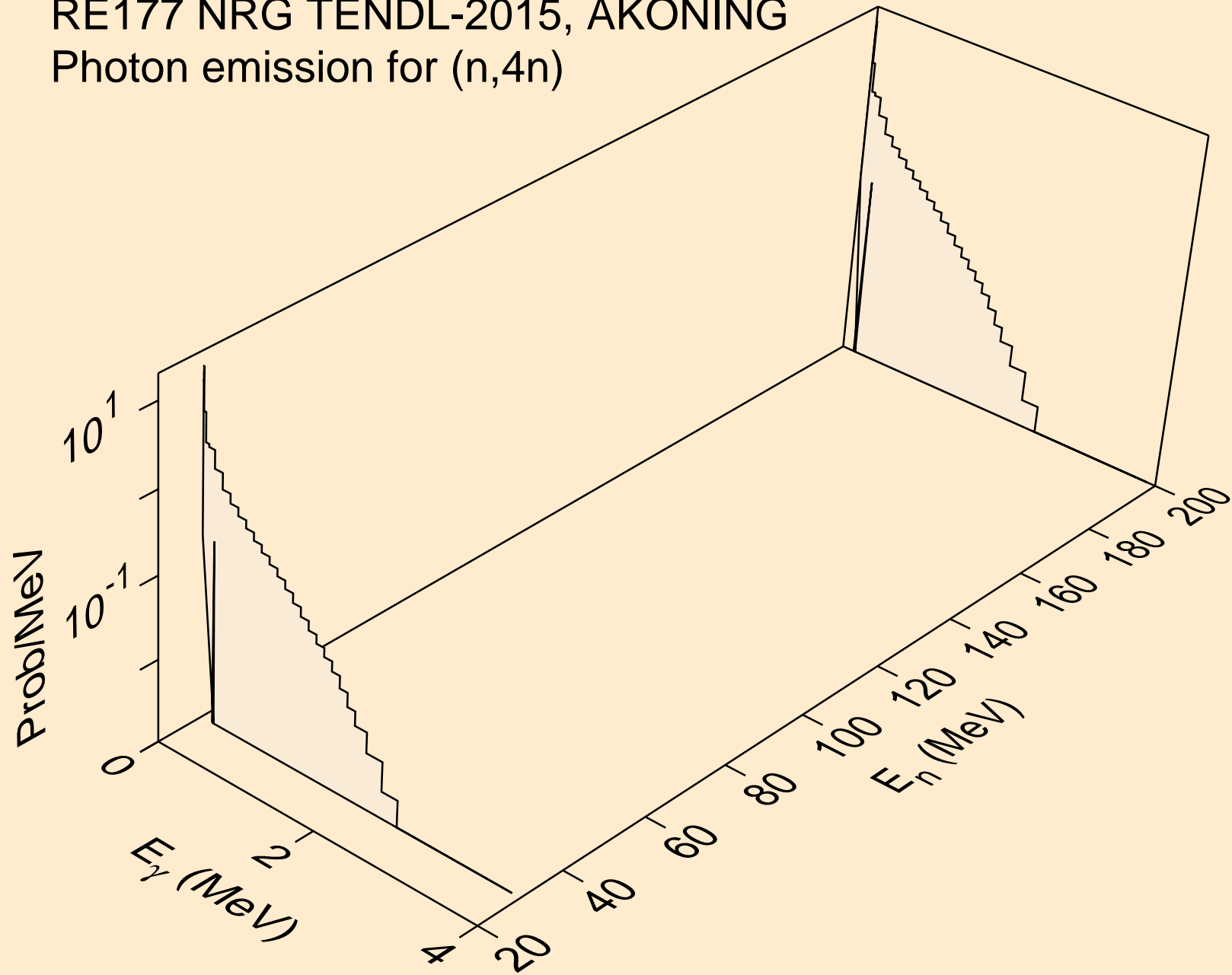
RE177 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



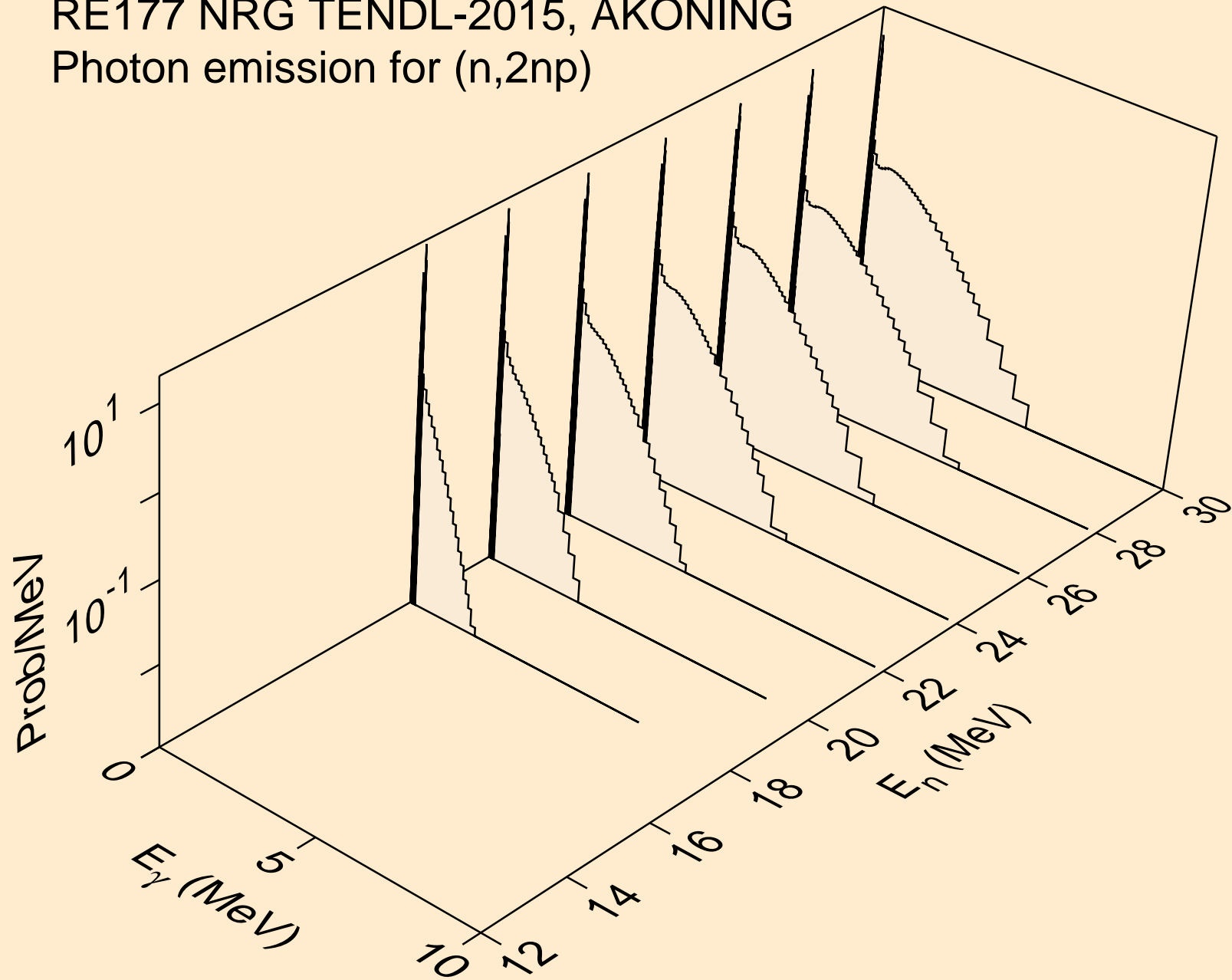
RE177 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



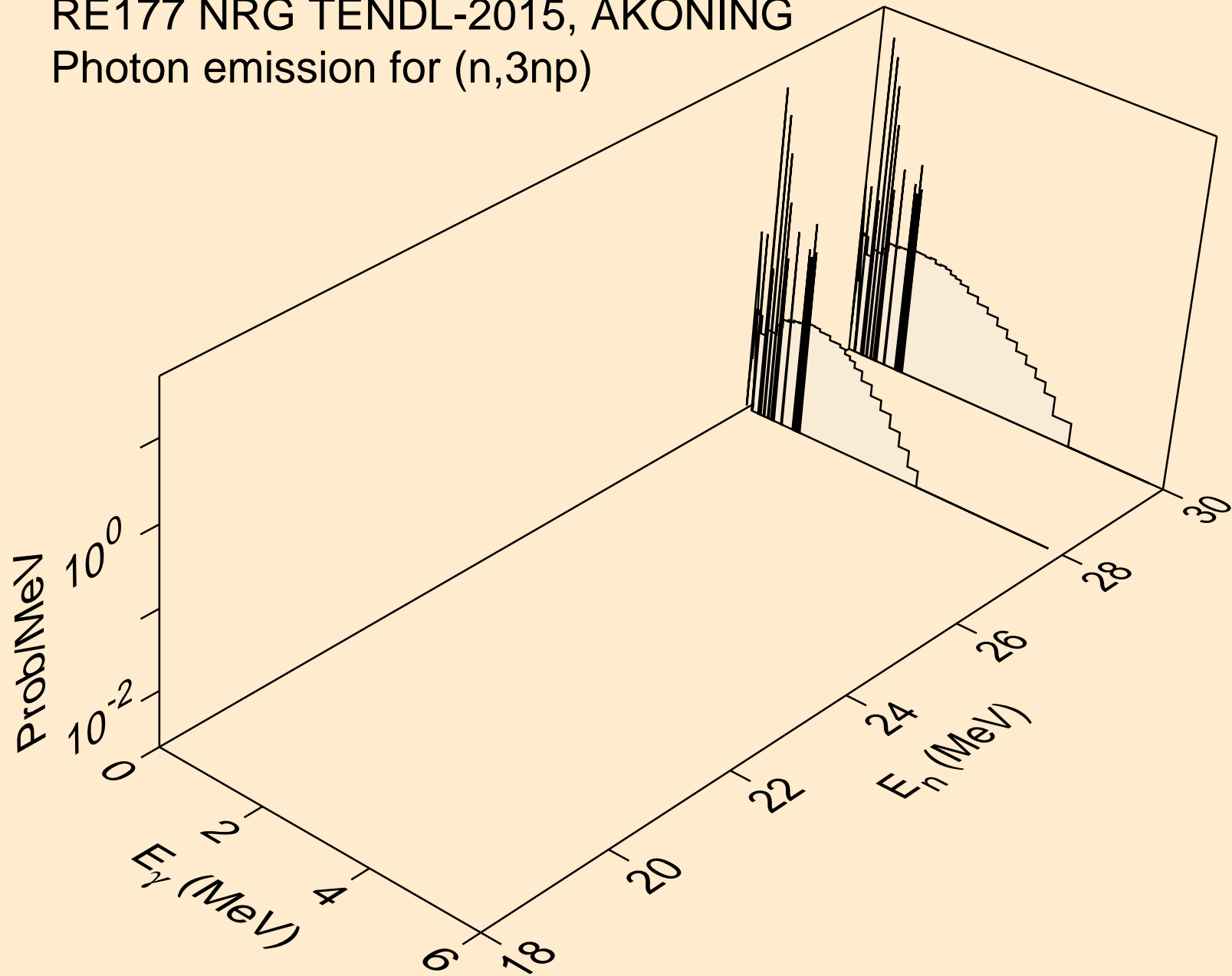
RE177 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



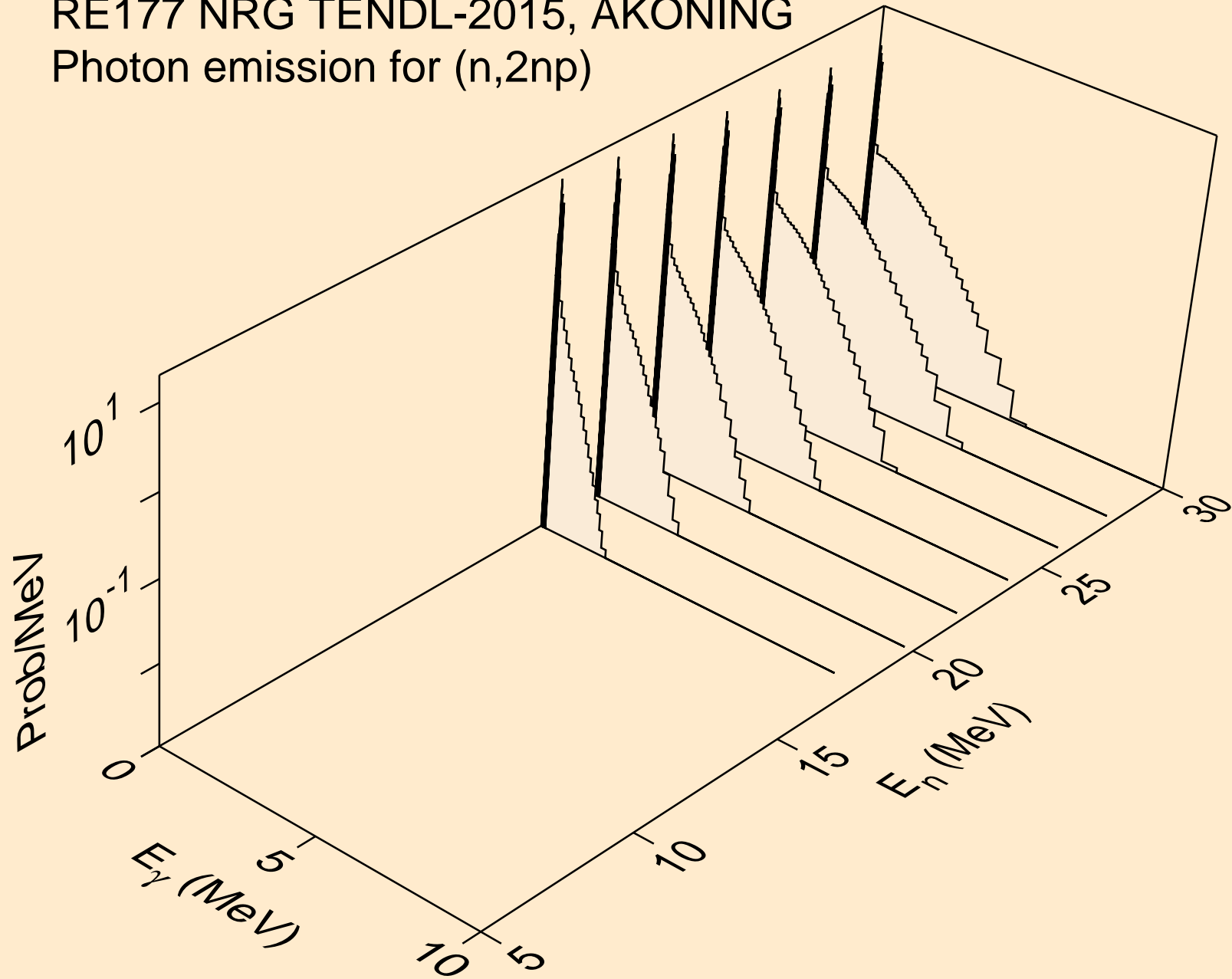
RE177 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



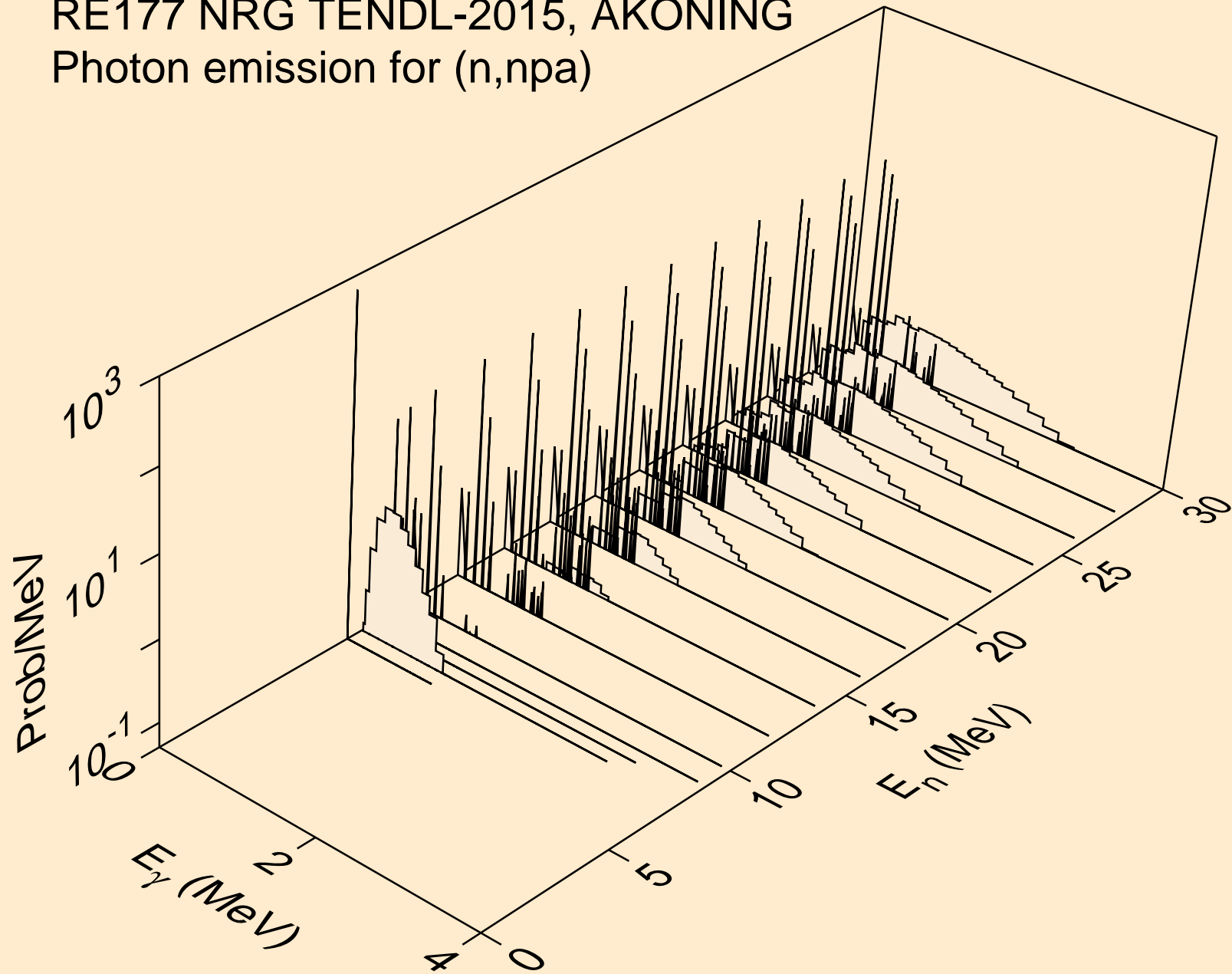
RE177 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



RE177 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

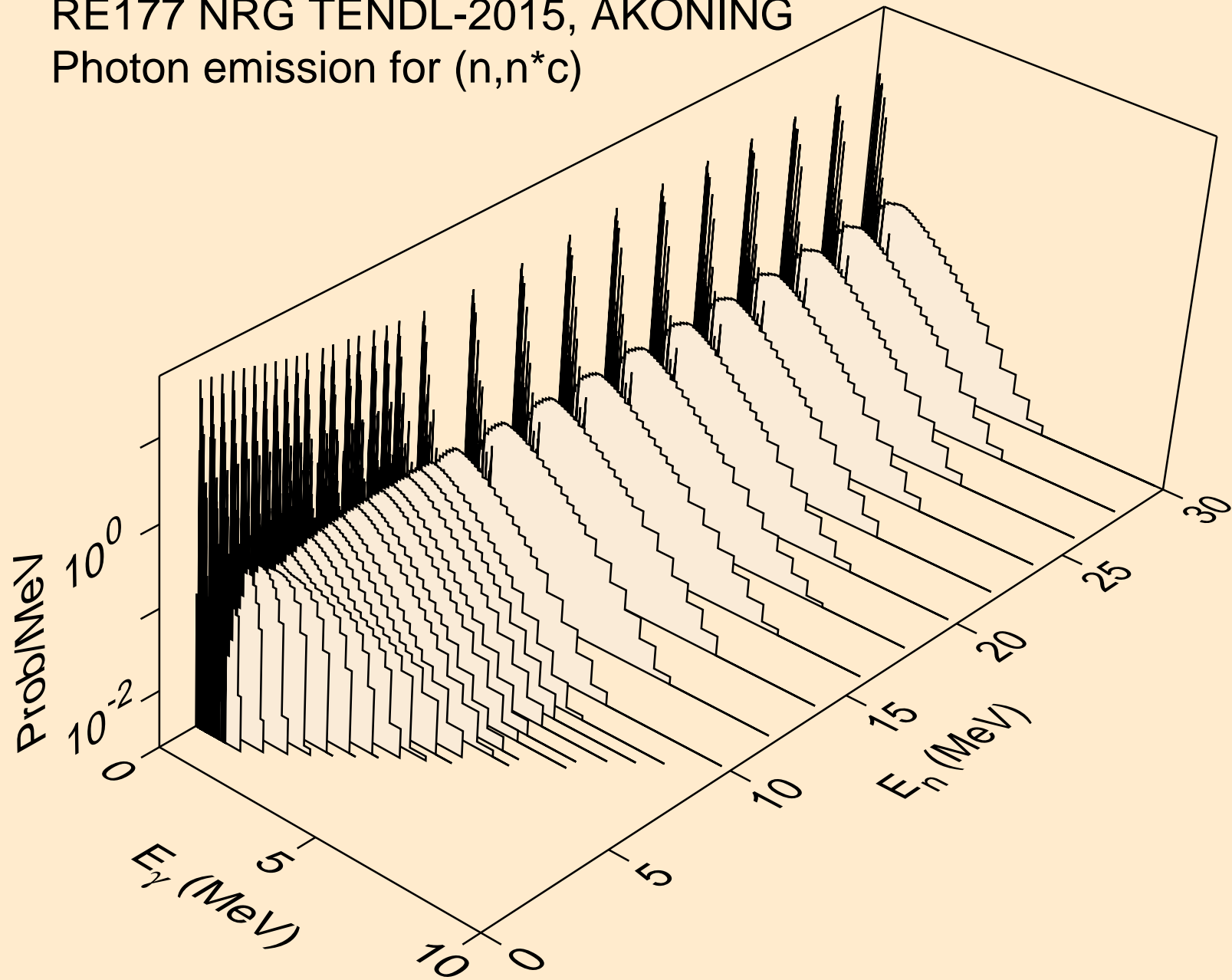


RE177 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

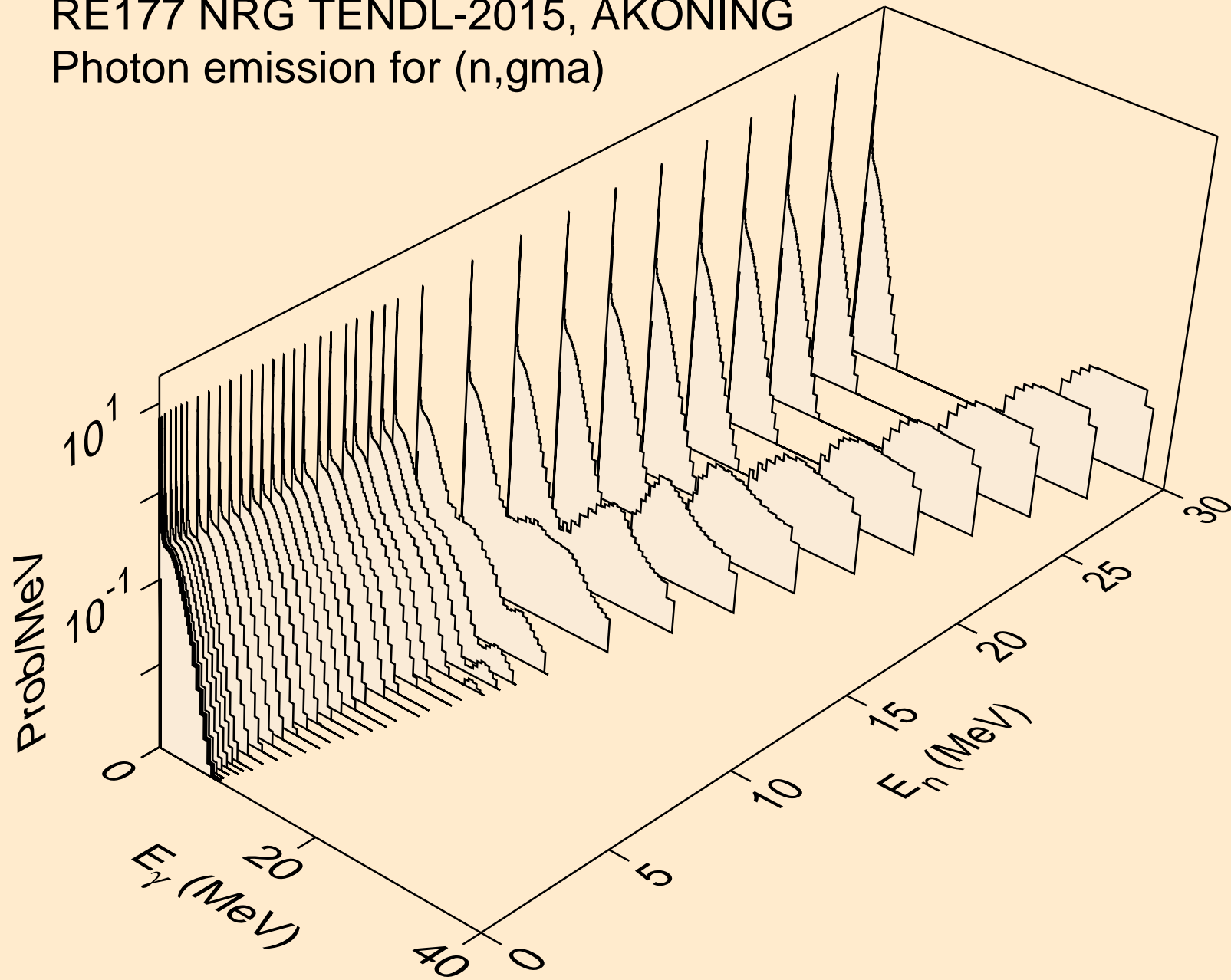




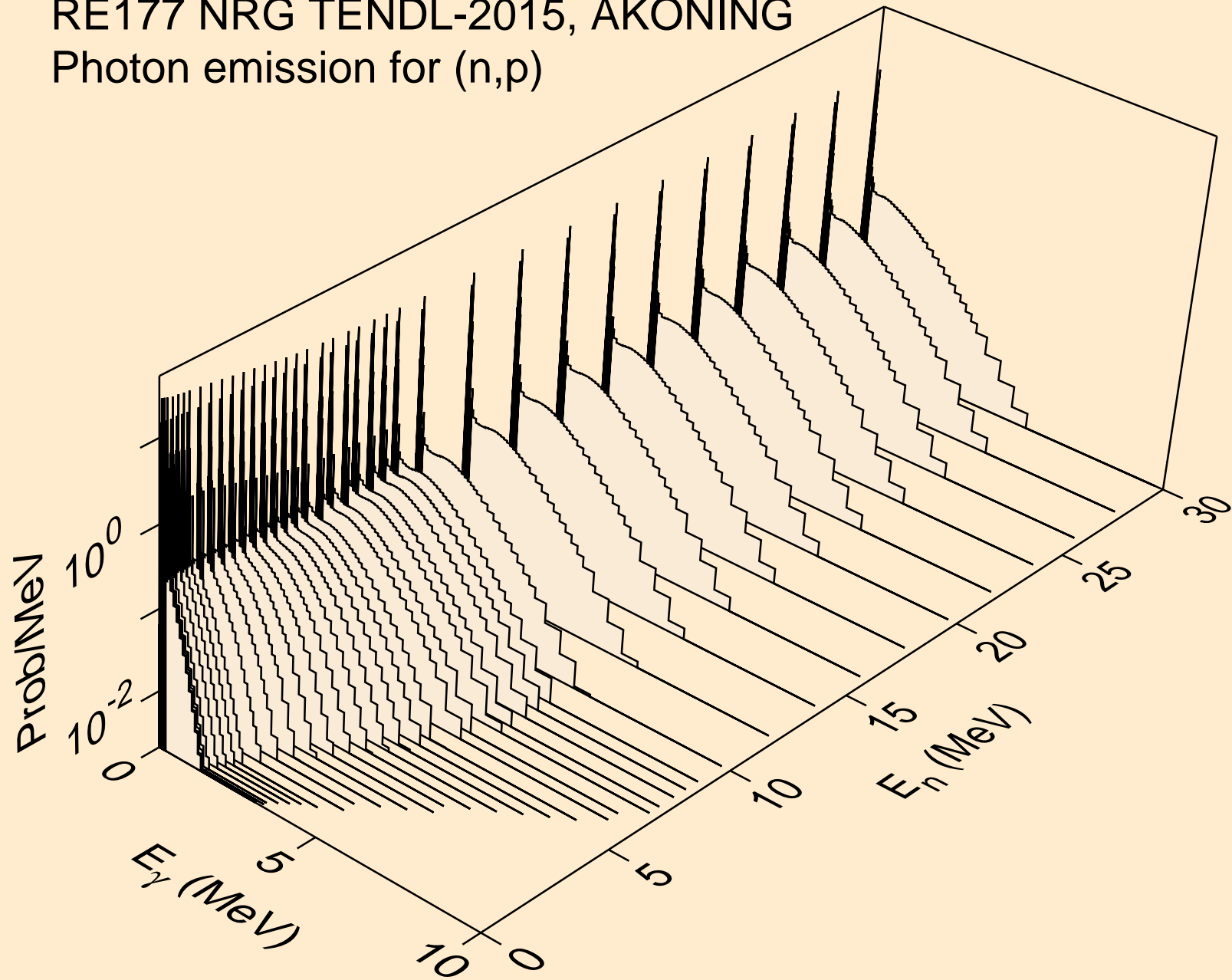
RE177 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



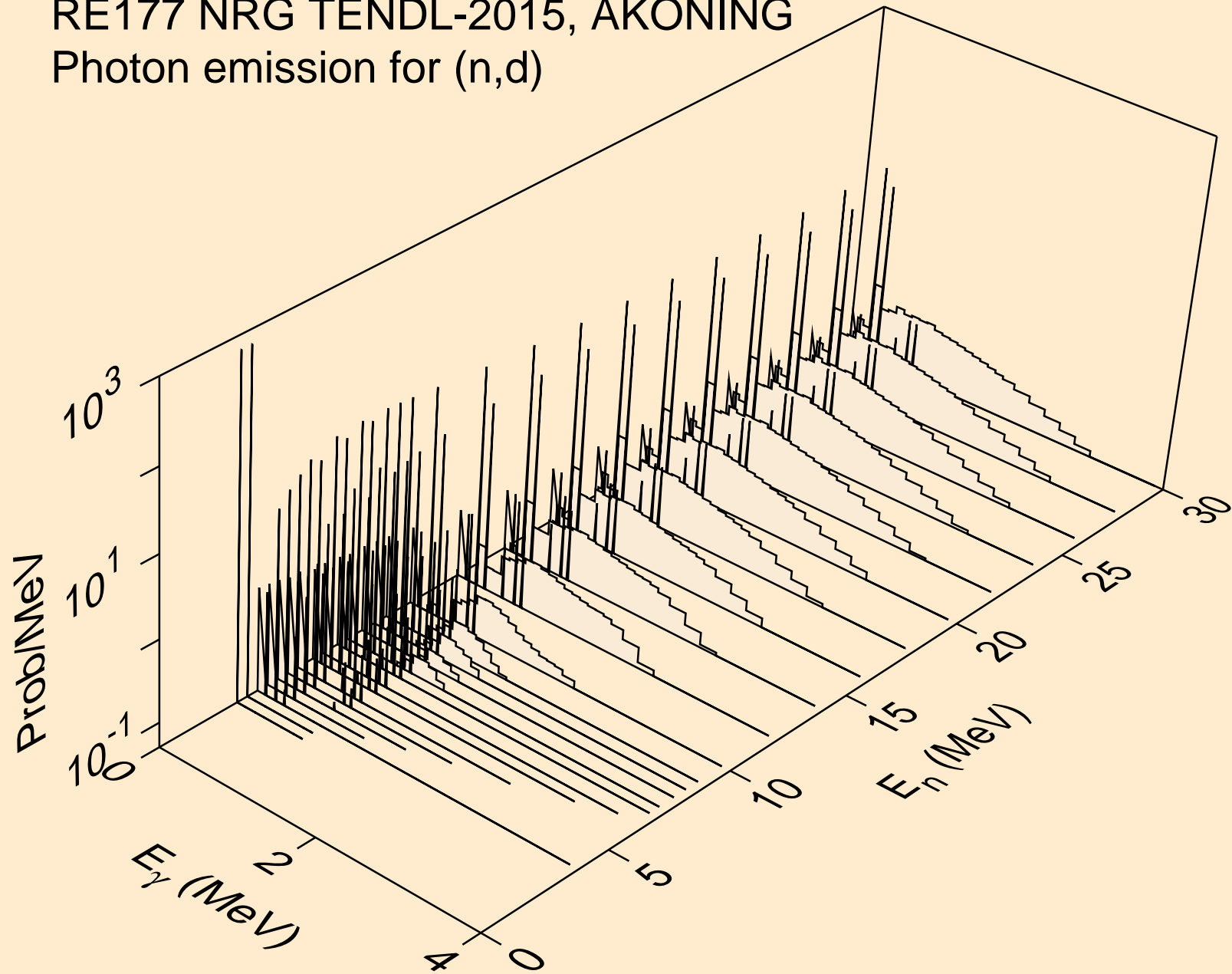
RE177 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



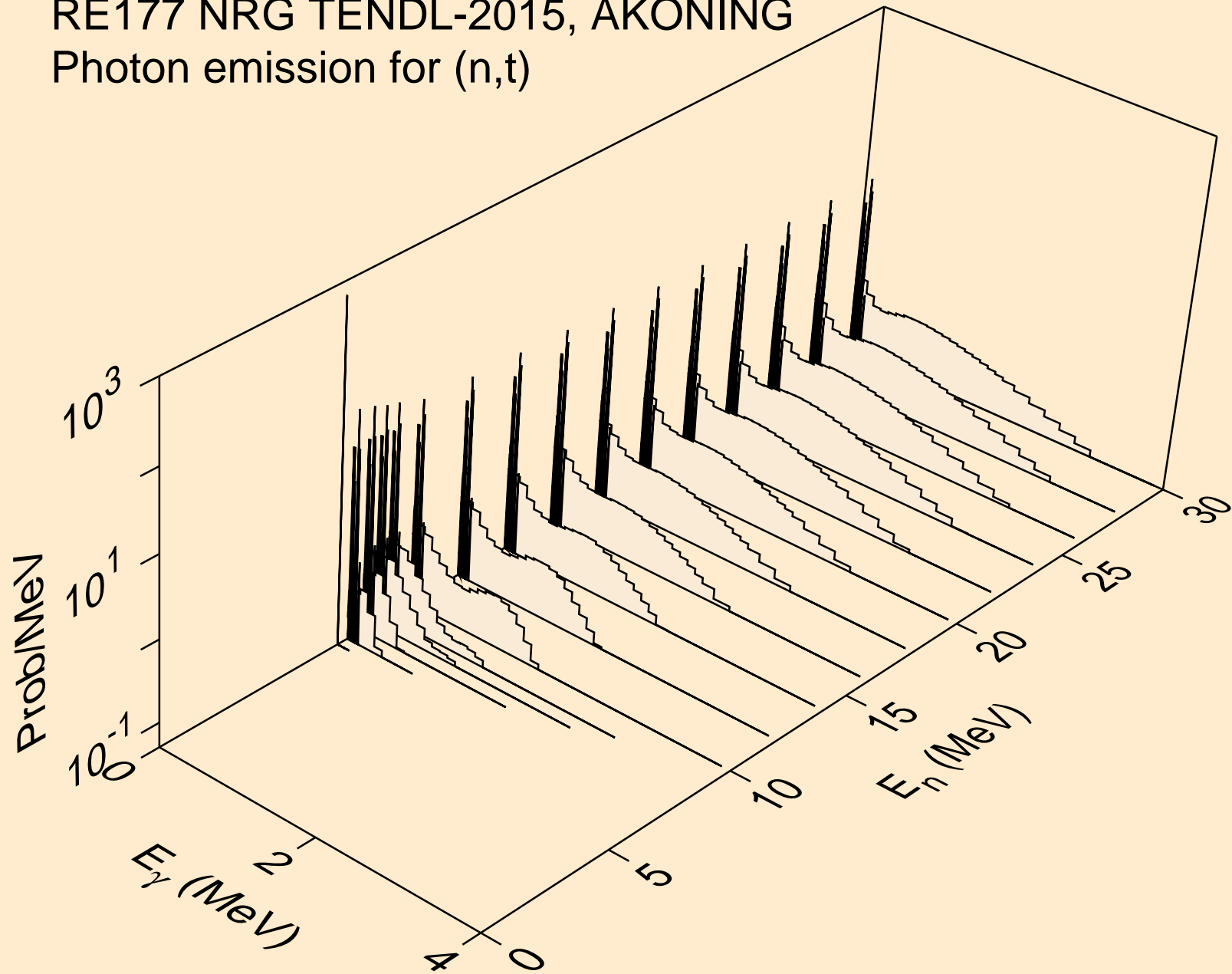
RE177 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



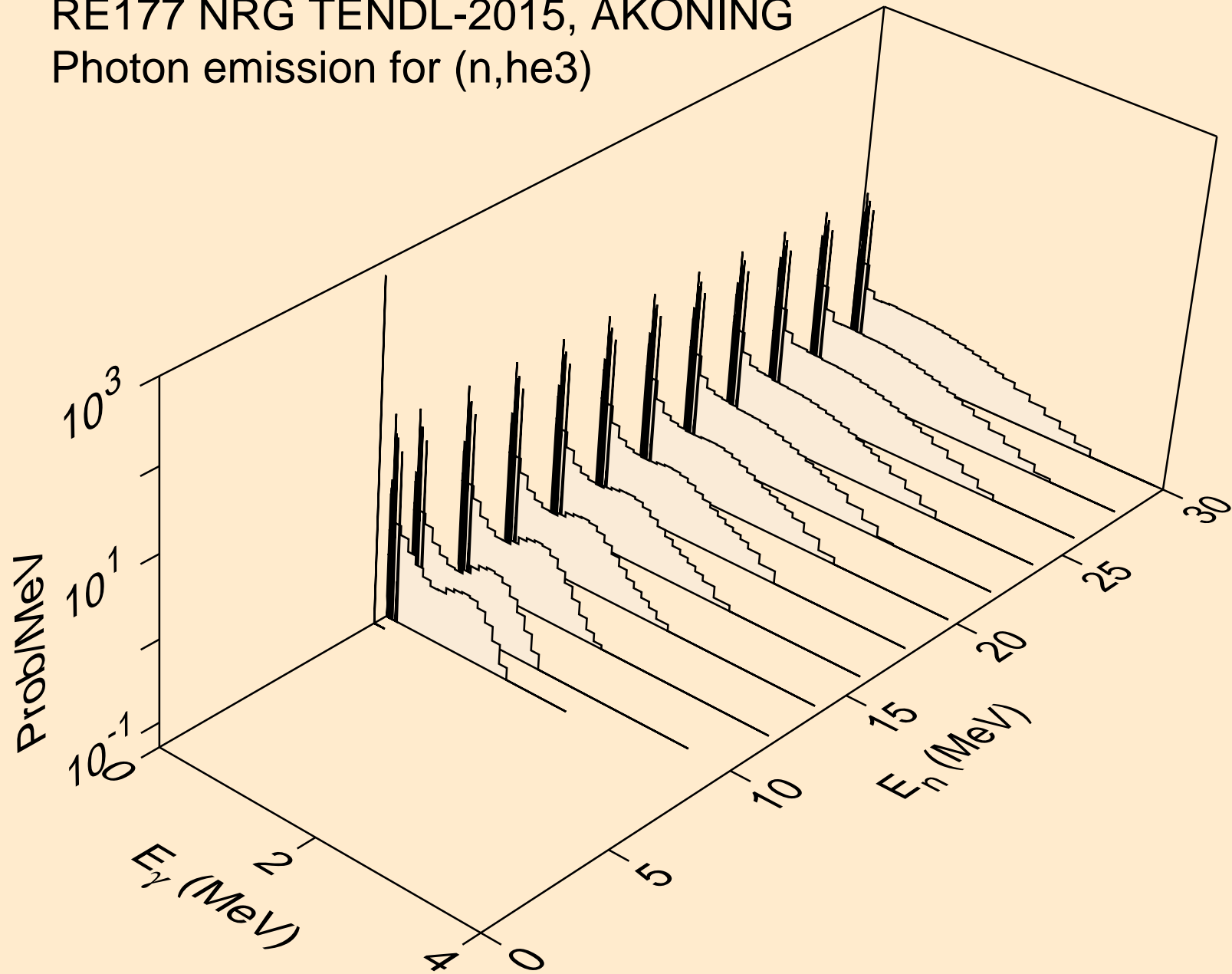
RE177 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



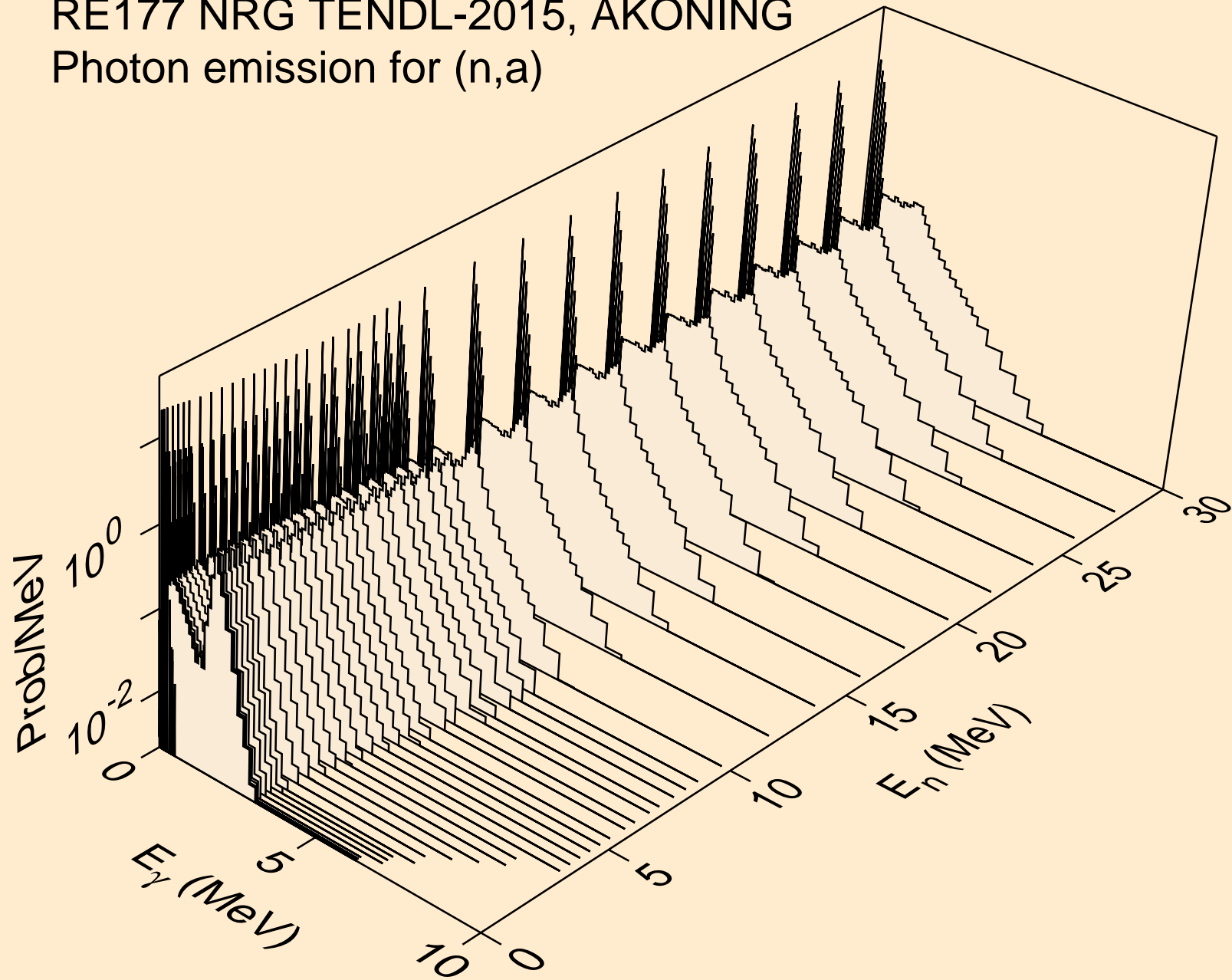
RE177 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



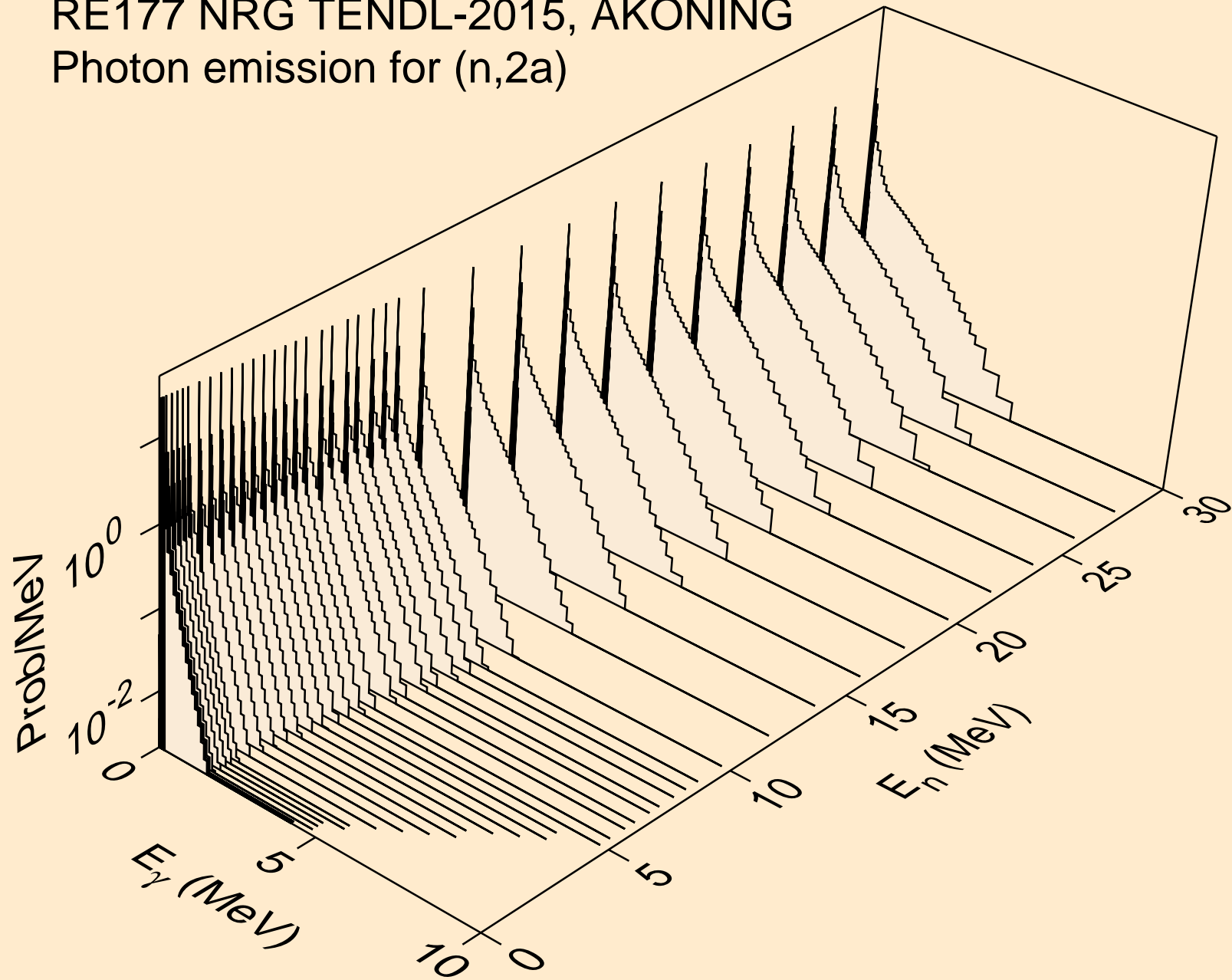
RE177 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



RE177 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

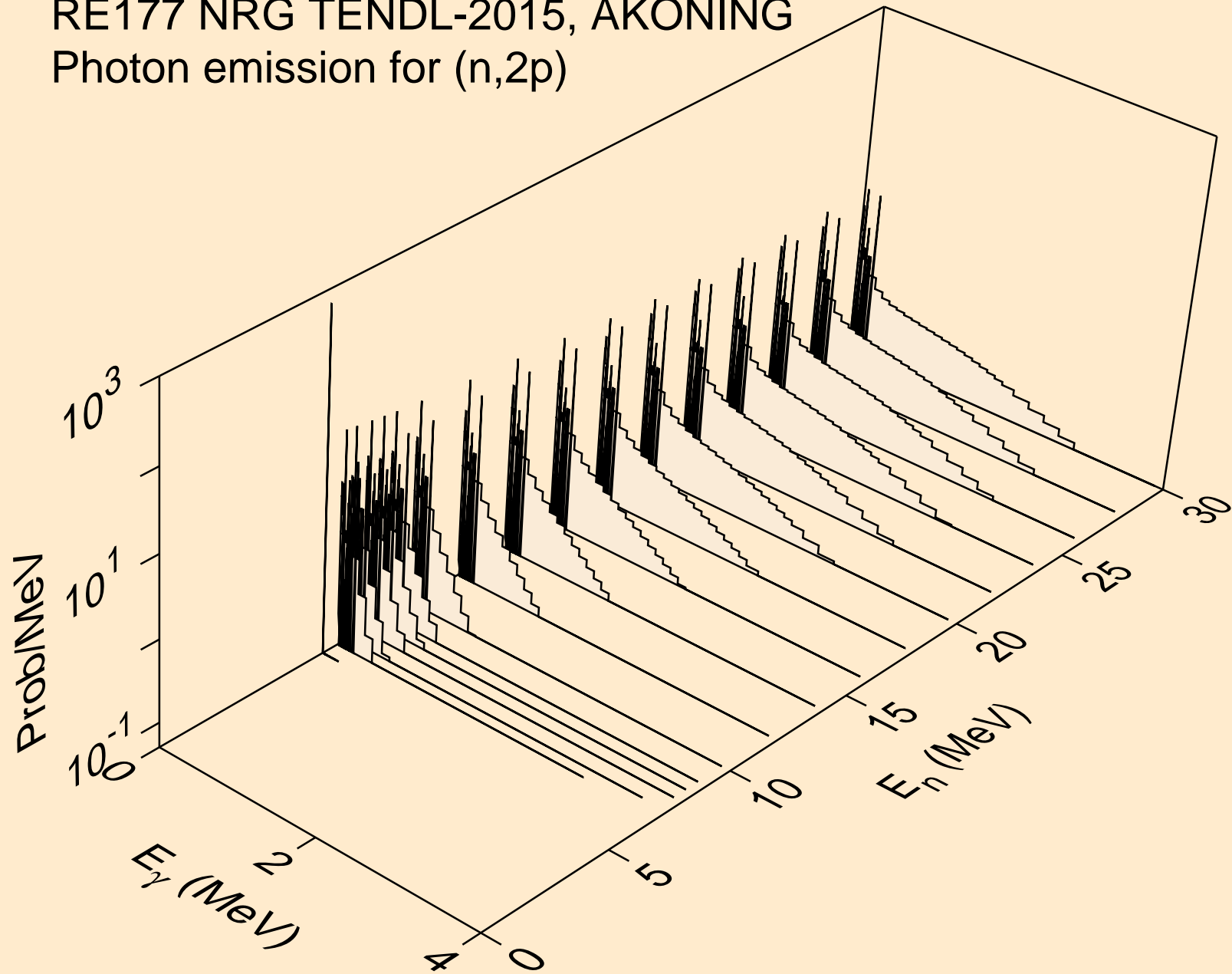


RE177 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

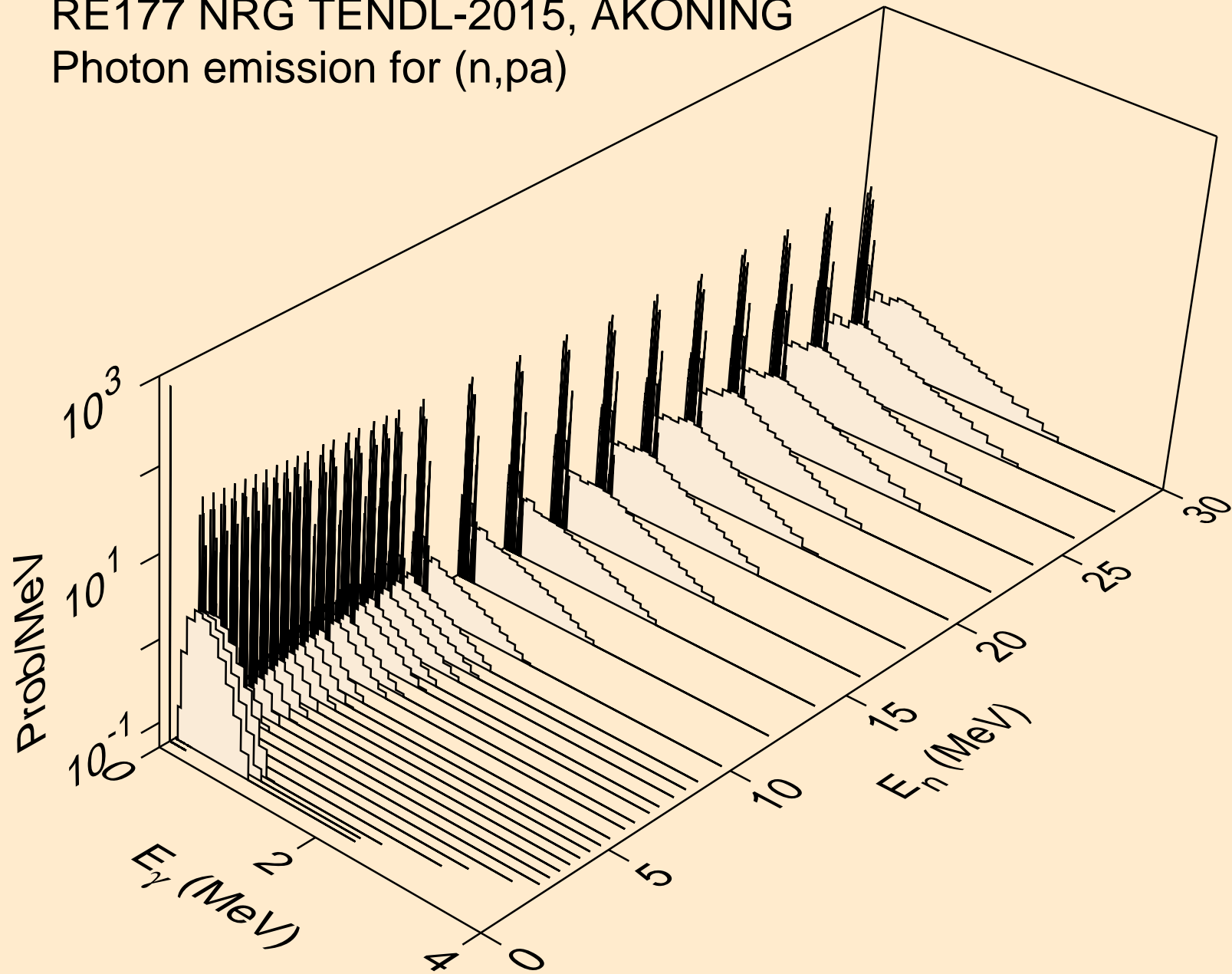




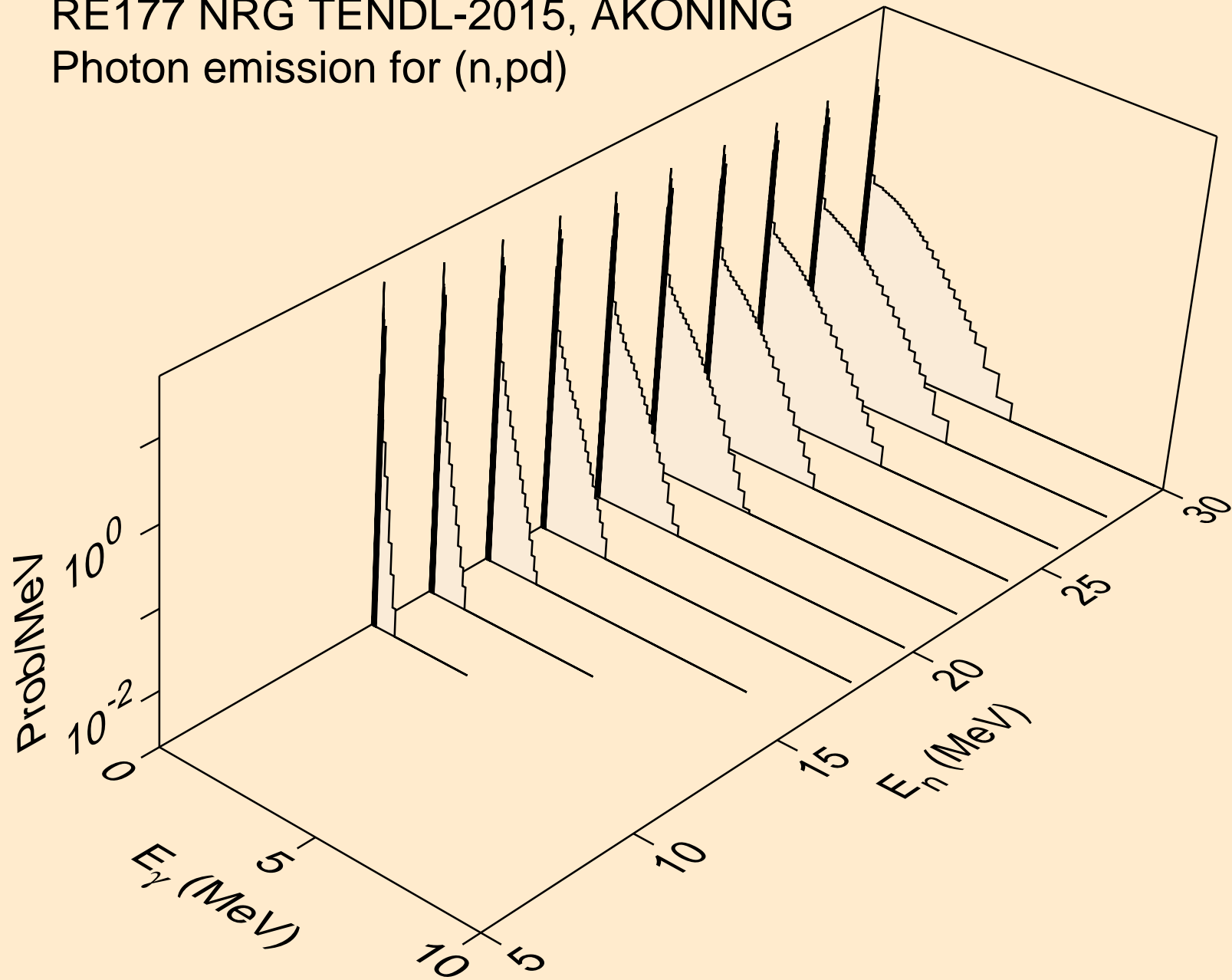
RE177 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



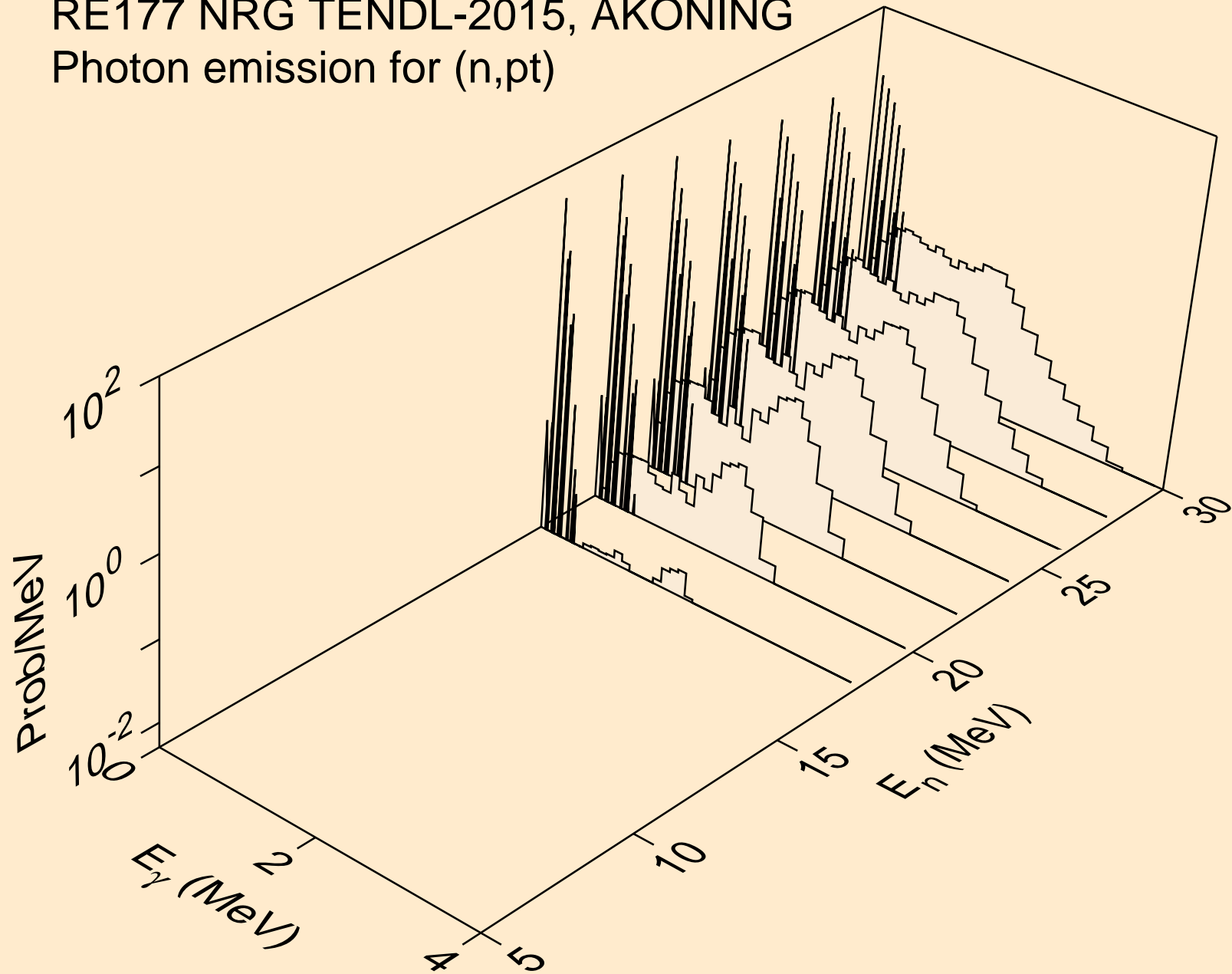
RE177 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



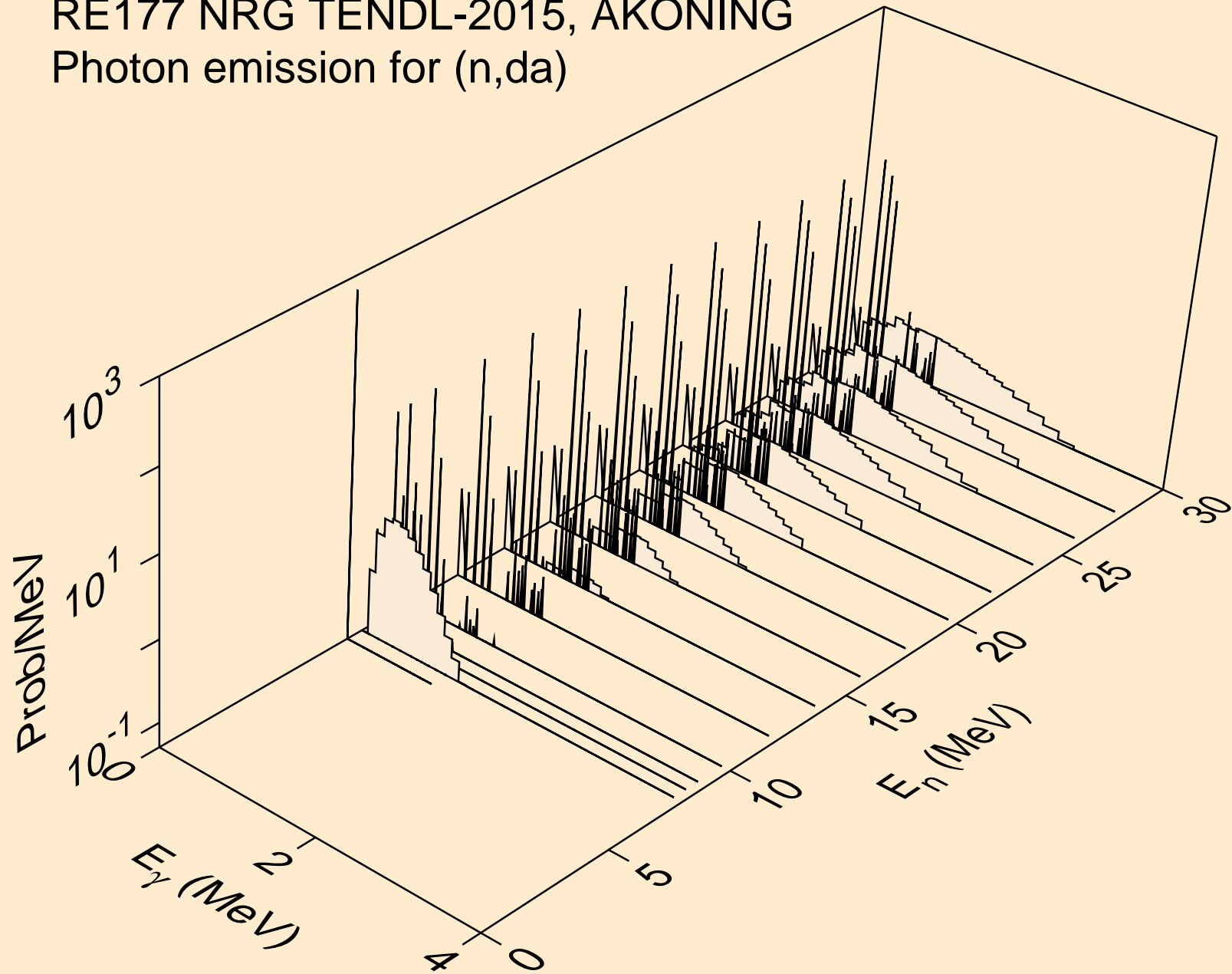
RE177 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



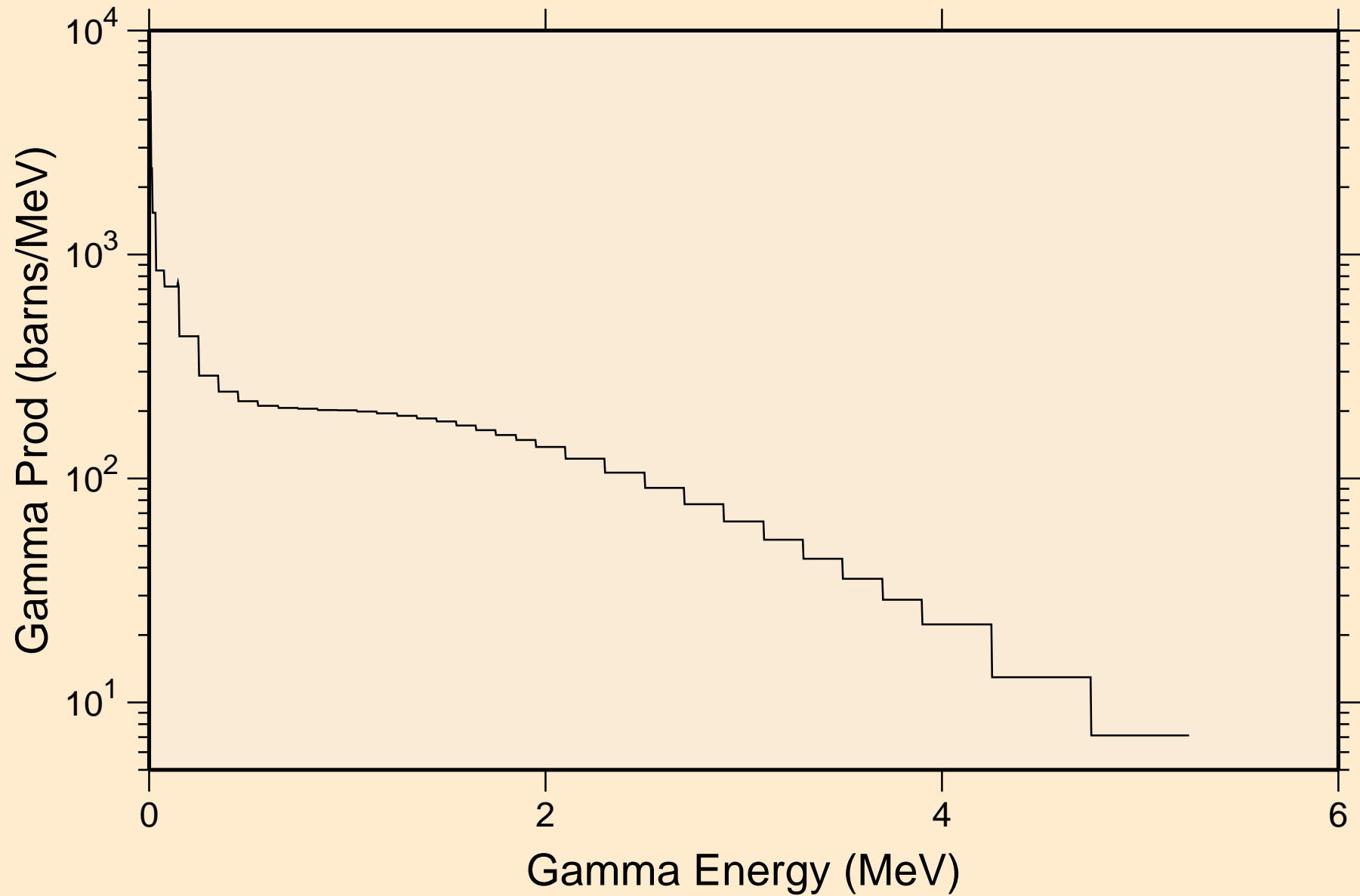
RE177 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



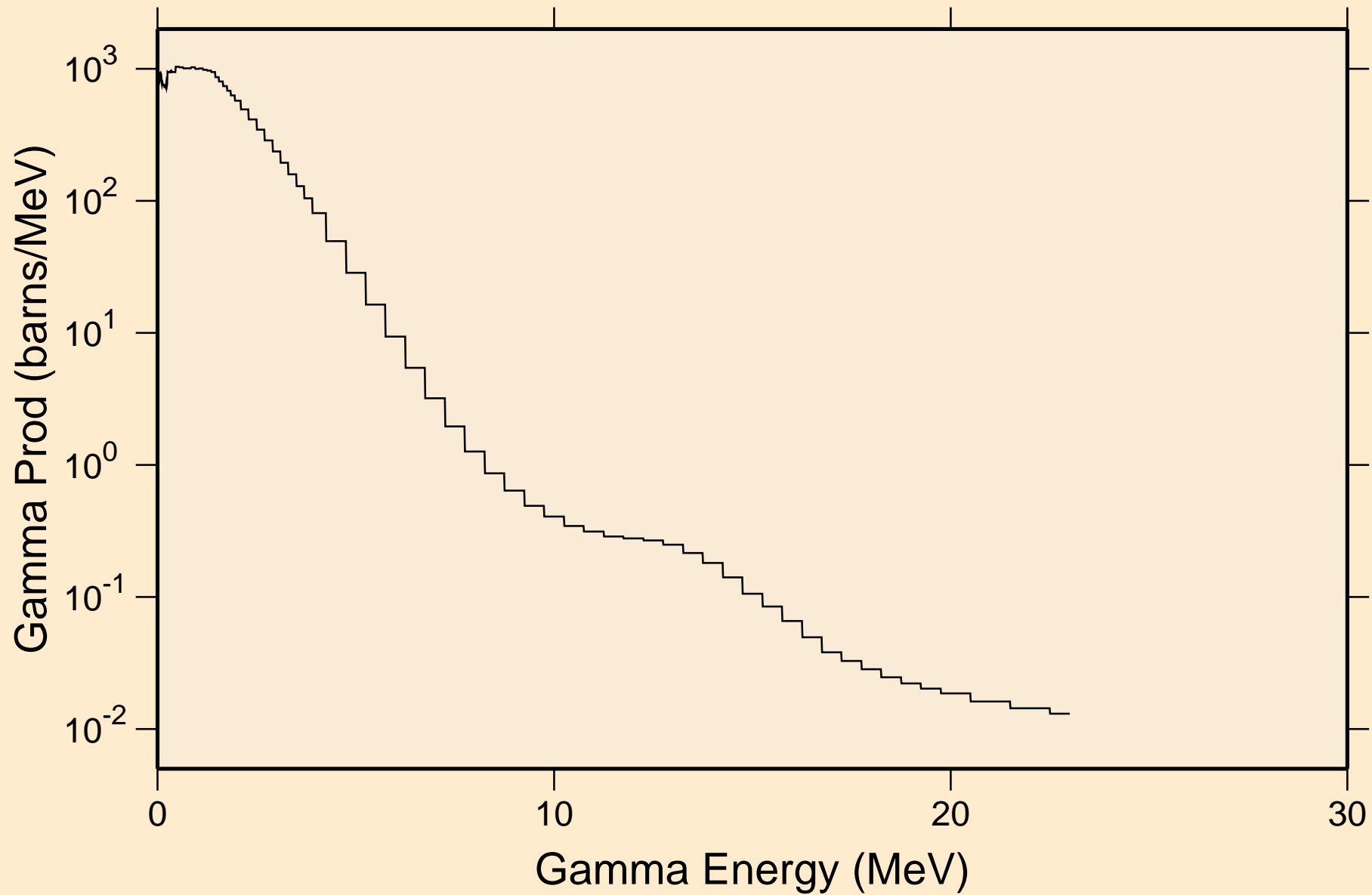
RE177 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



RE177 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

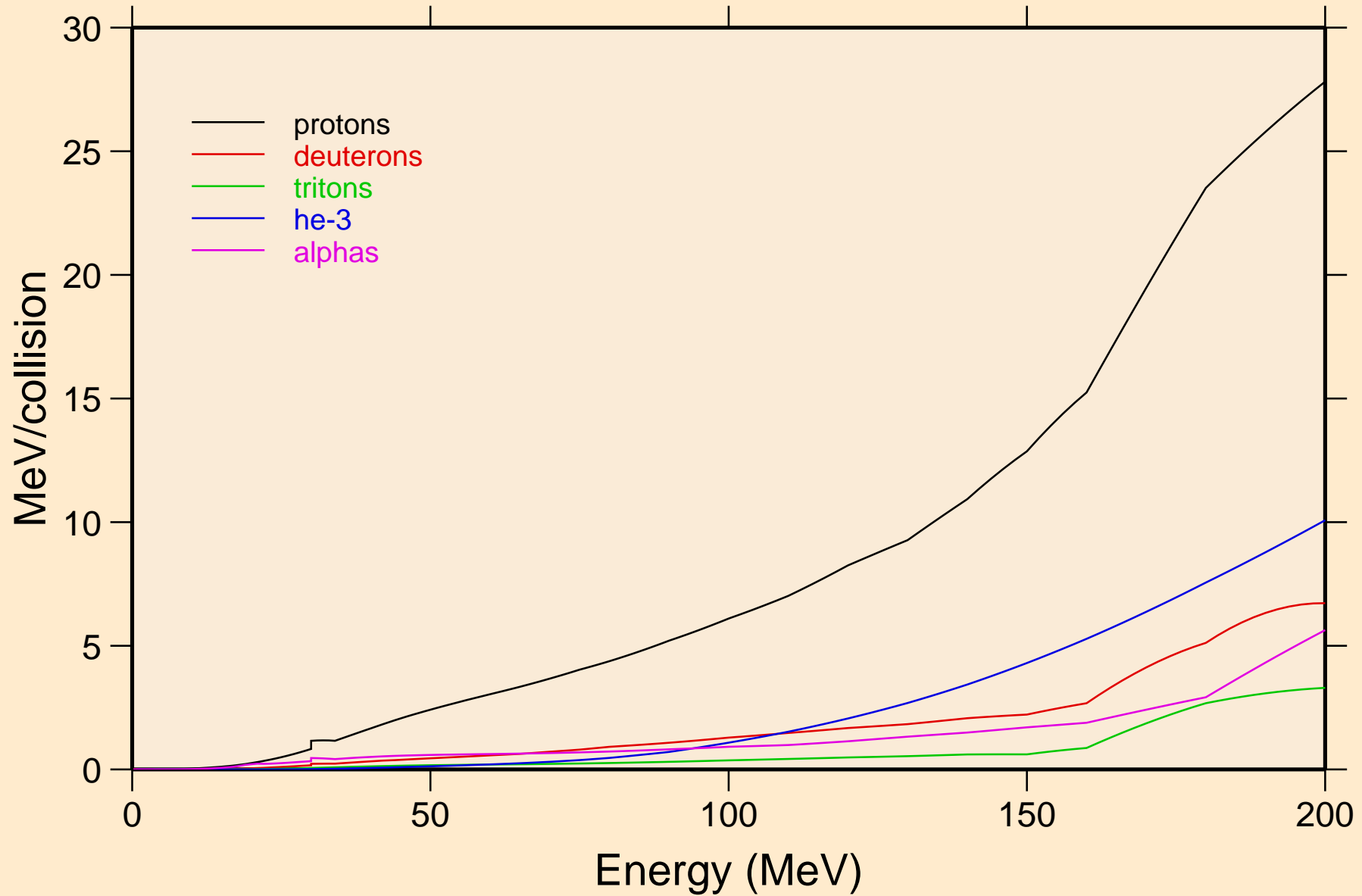


RE177 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



# RE177 NRG TENDL-2015, AKONING

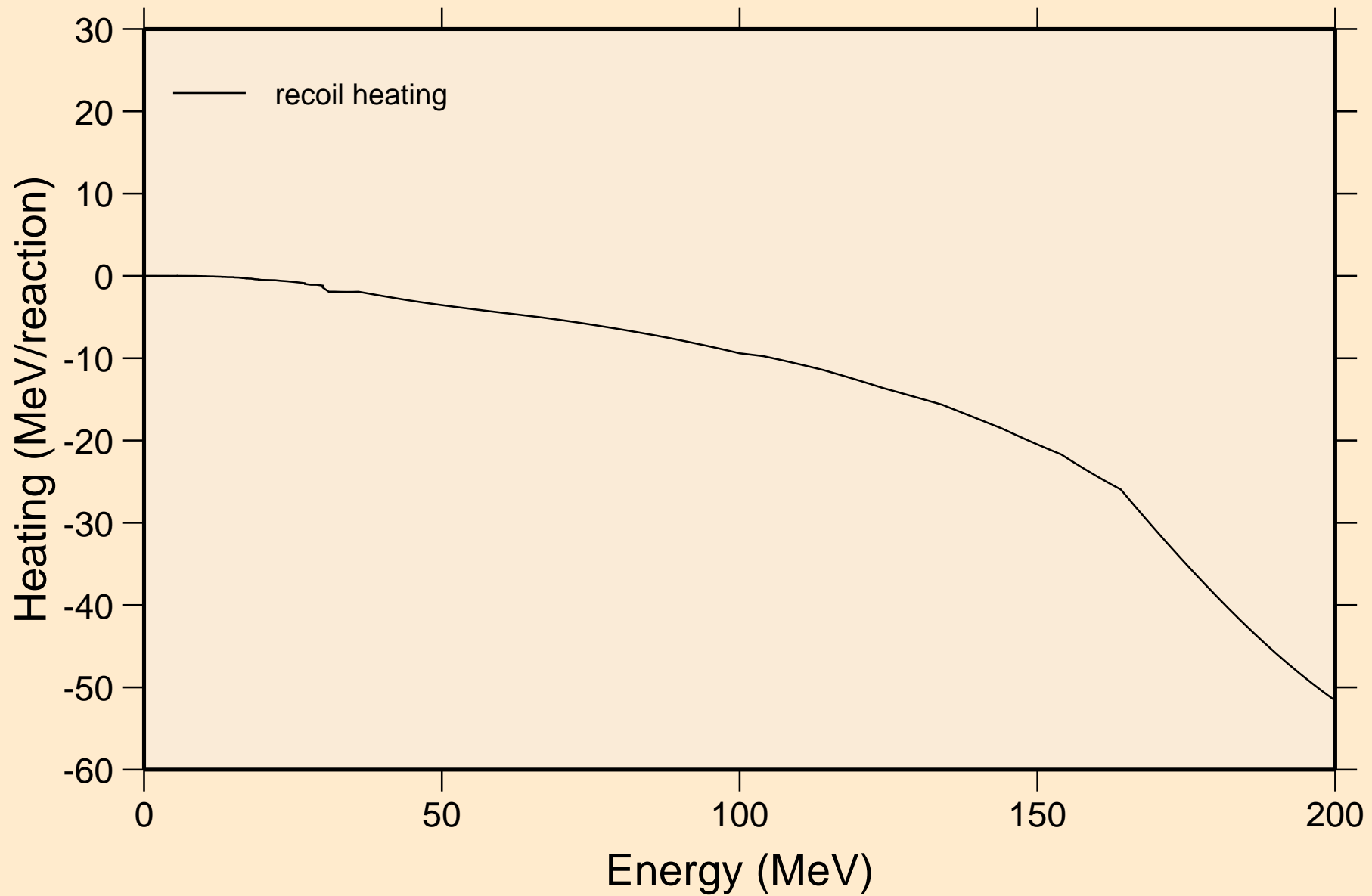
## Particle heating contributions





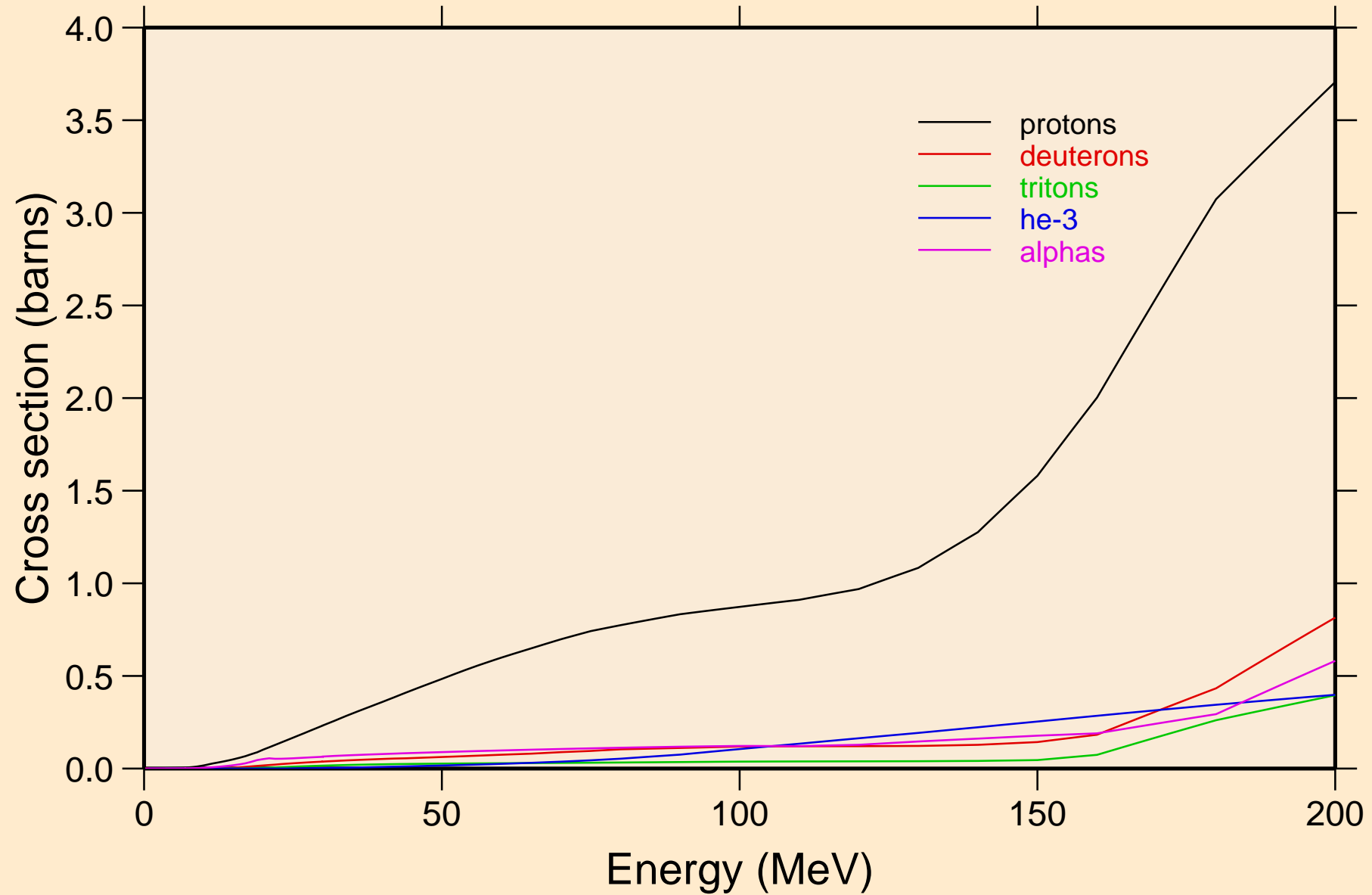
# RE177 NRG TENDL-2015, AKONING

## Recoil Heating

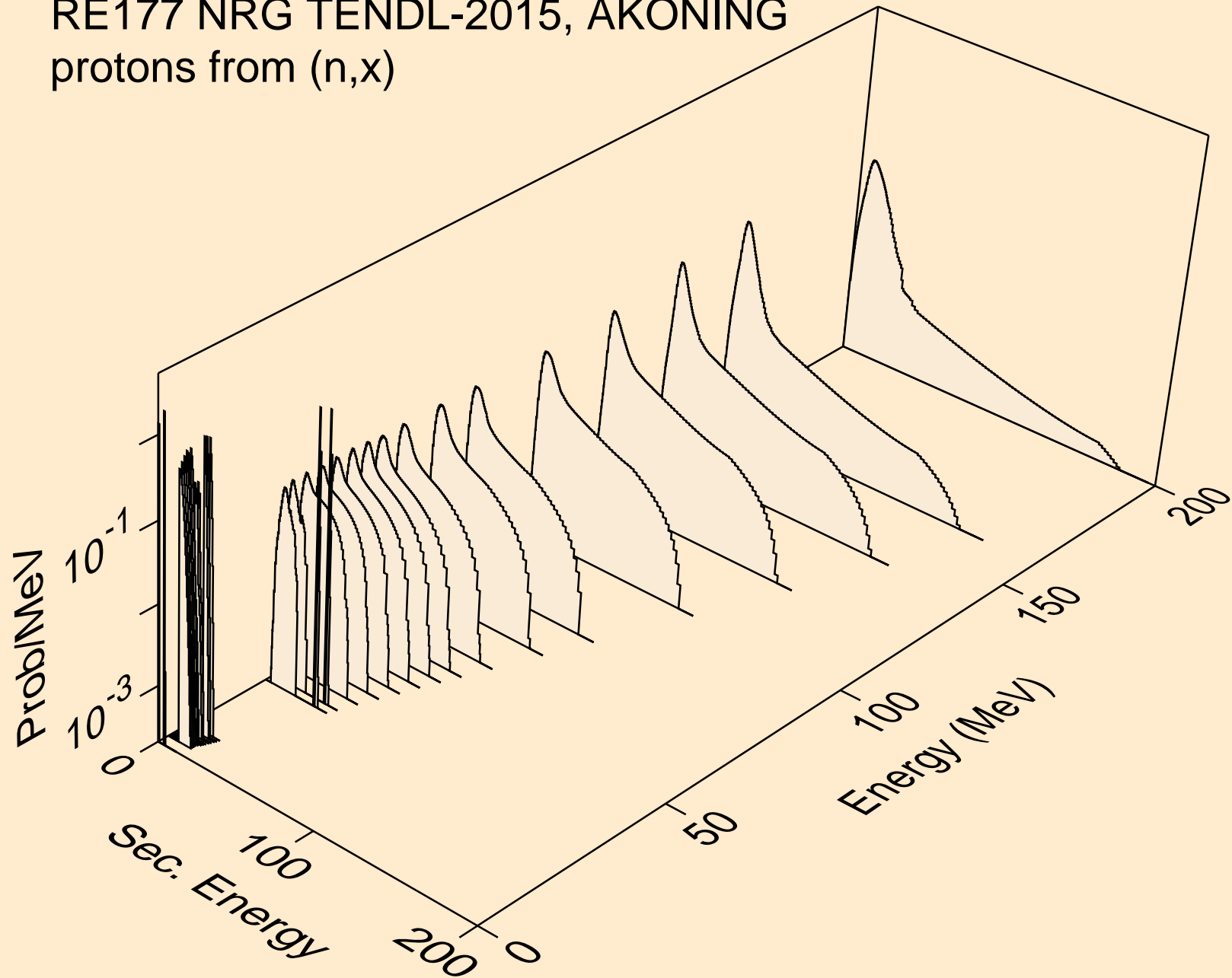


# RE177 NRG TENDL-2015, AKONING

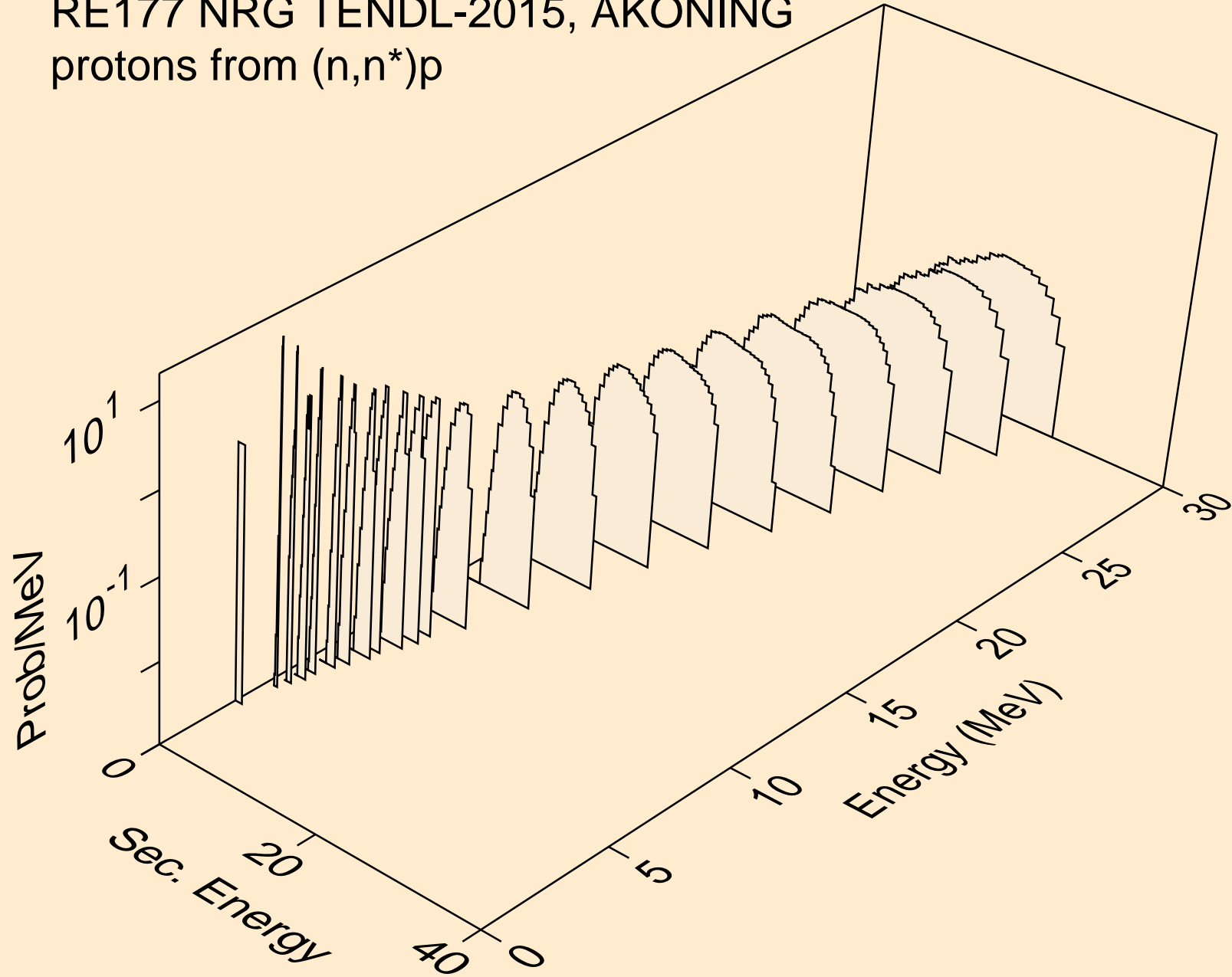
## Particle production cross sections



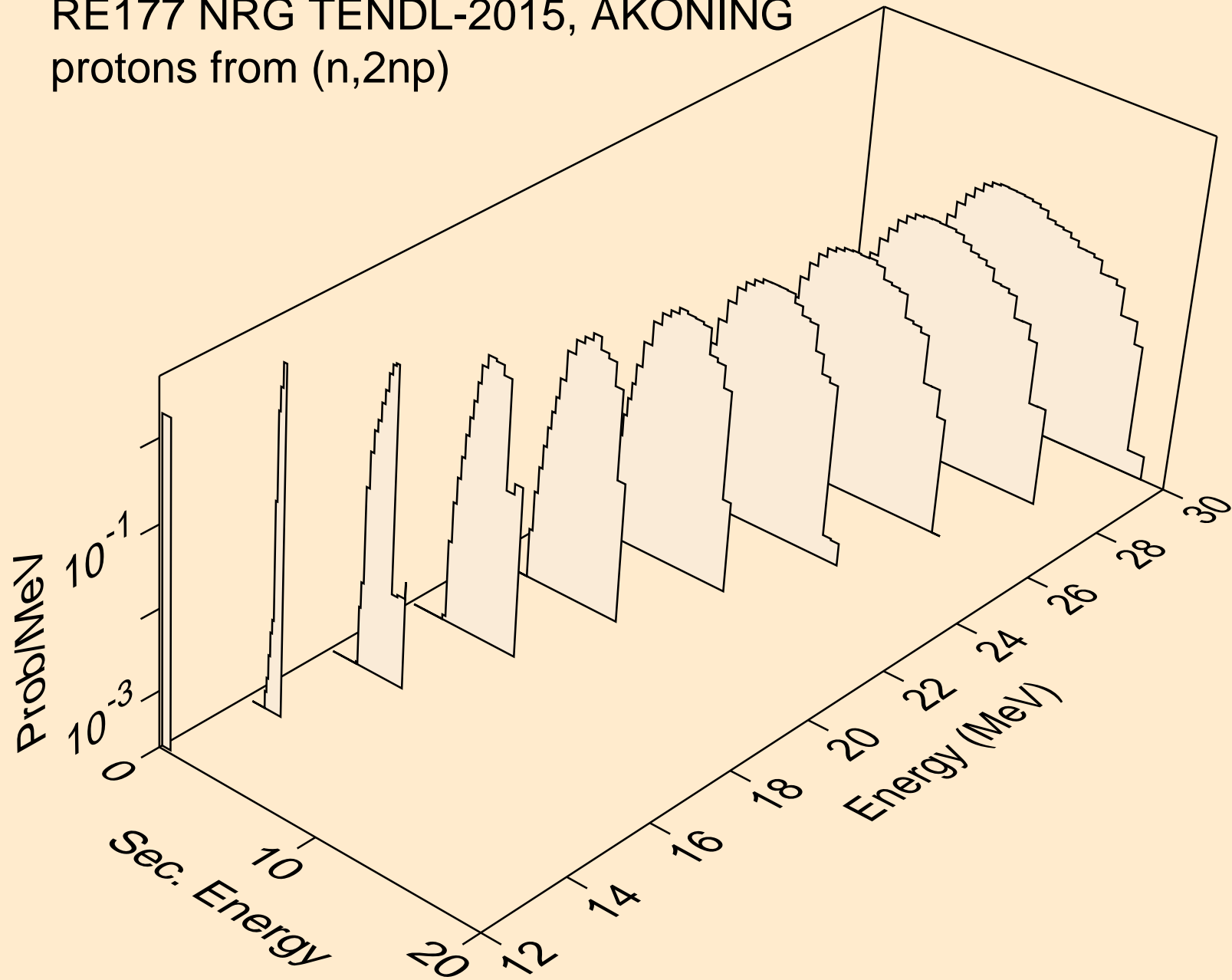
RE177 NRG TENDL-2015, AKONING  
protons from (n,x)



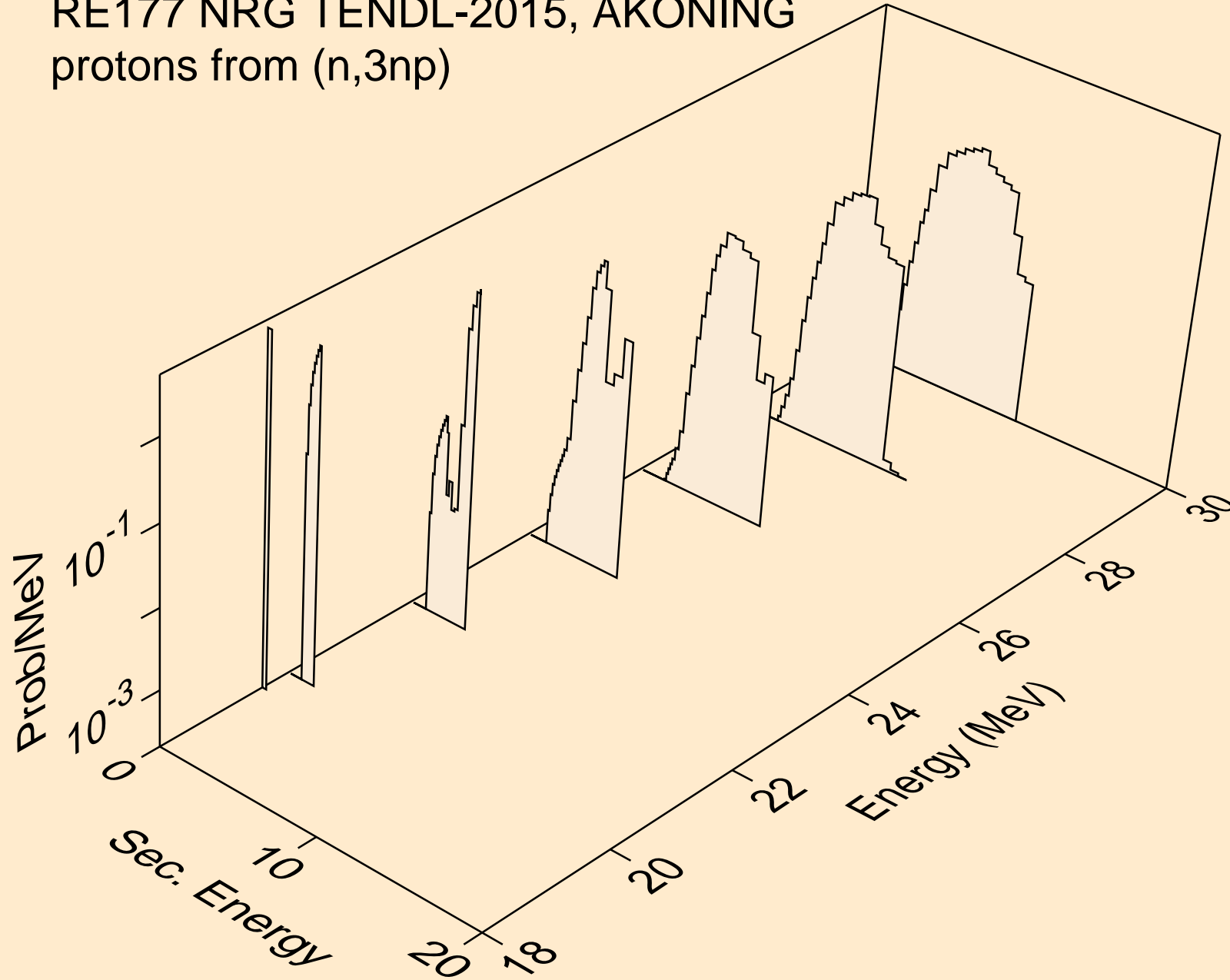
RE177 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



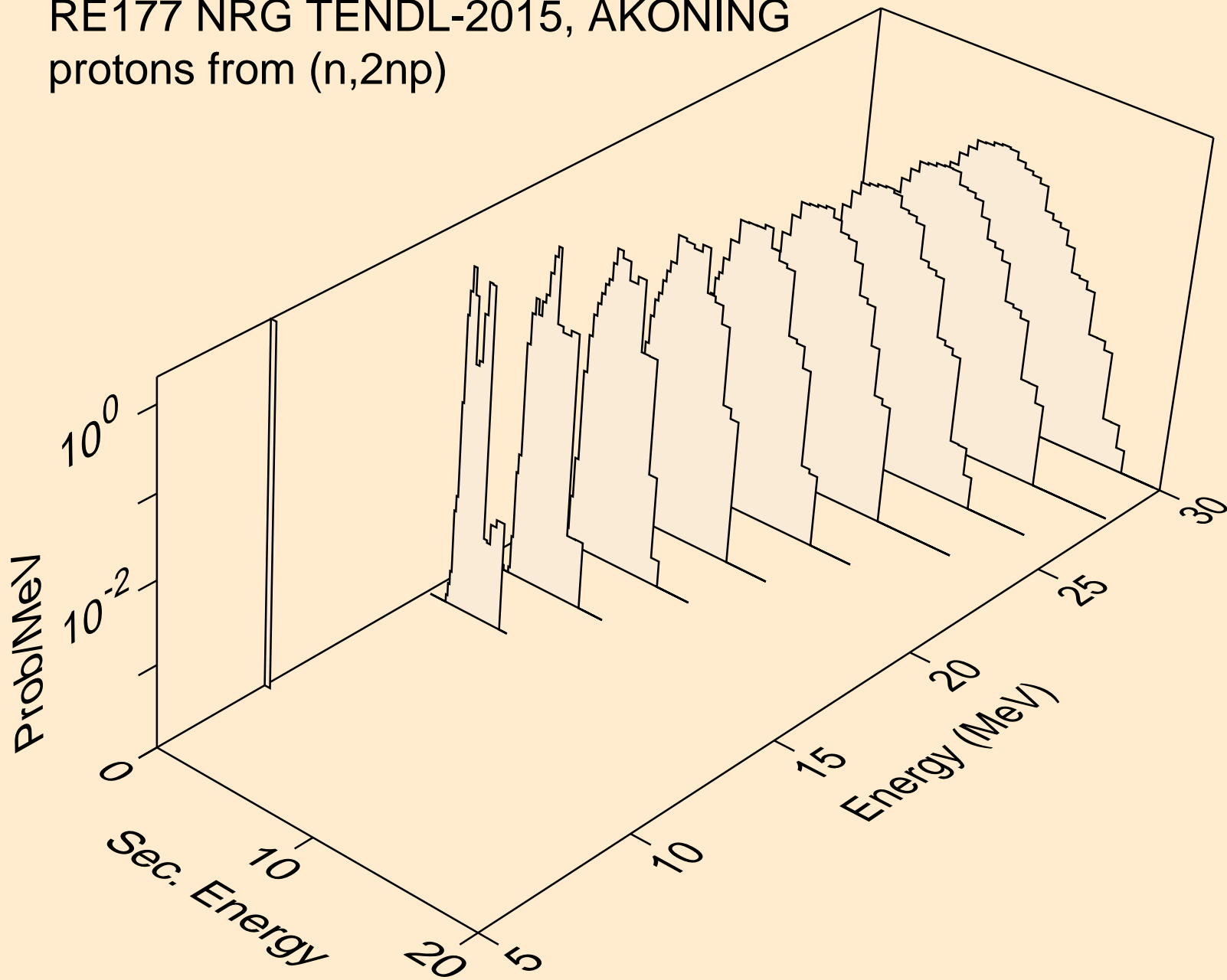
RE177 NRG TENDL-2015, AKONING  
protons from (n,2np)



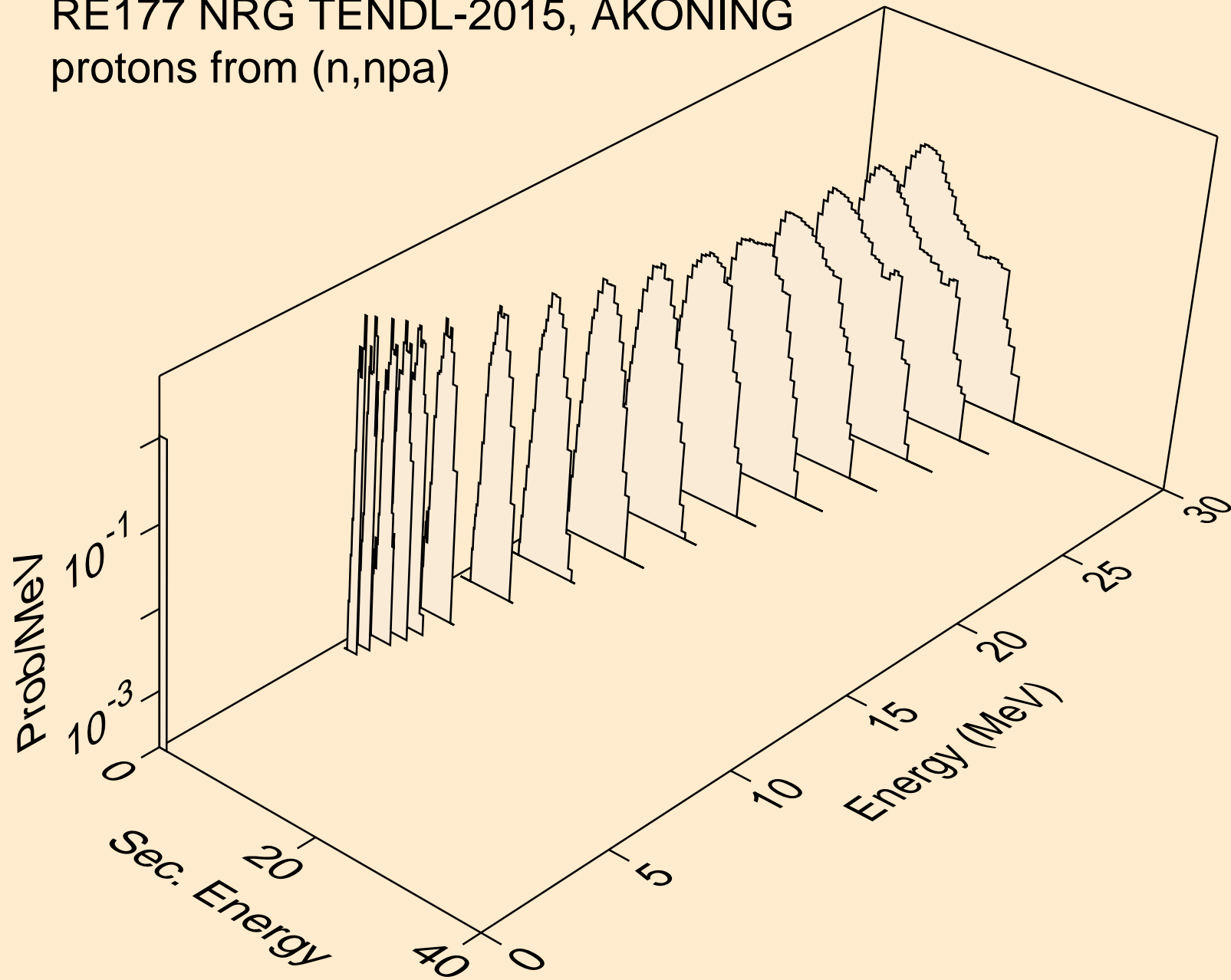
RE177 NRG TENDL-2015, AKONING  
protons from (n,3np)



RE177 NRG TENDL-2015, AKONING  
protons from (n,2np)

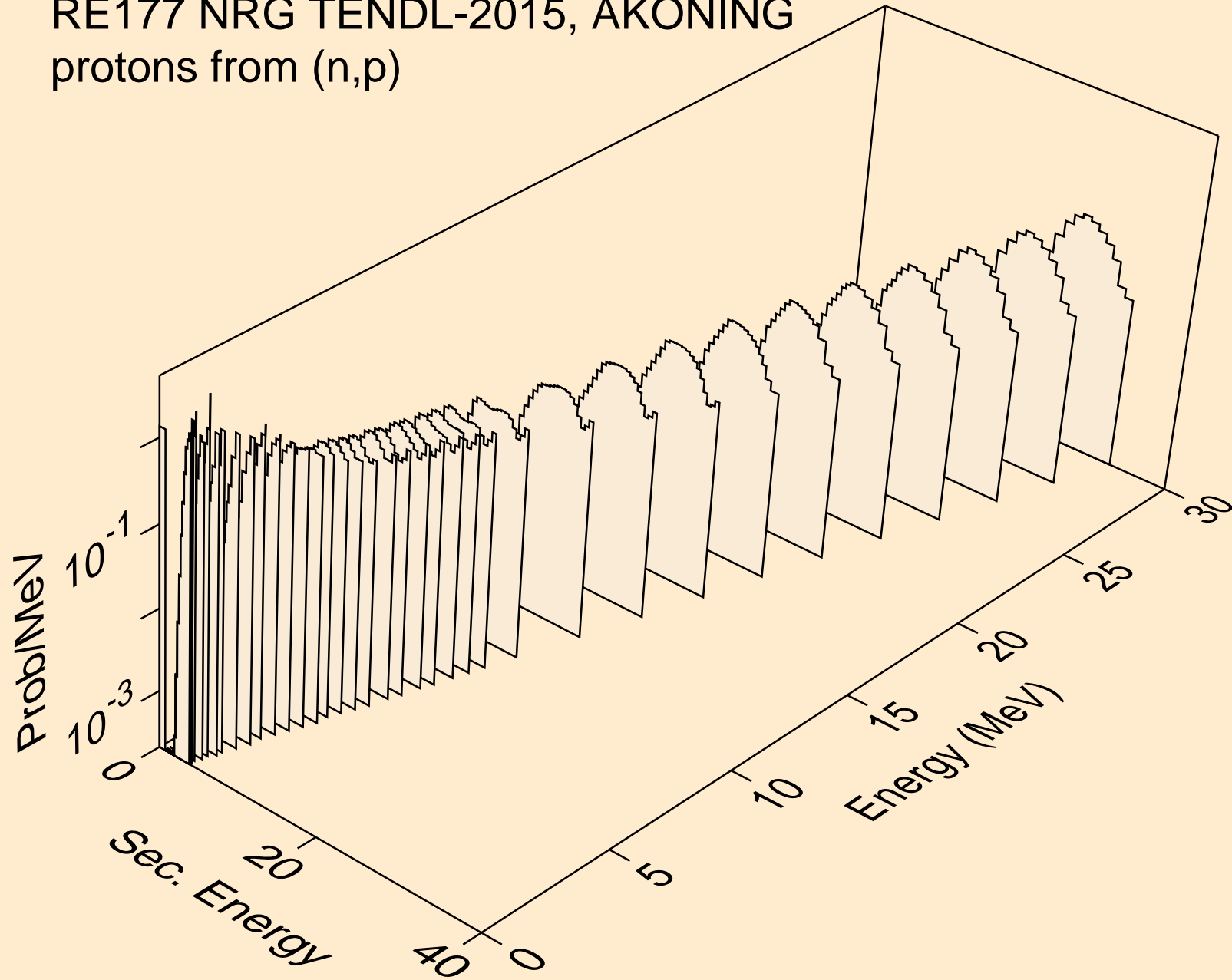


RE177 NRG TENDL-2015, AKONING  
protons from (n,npa)

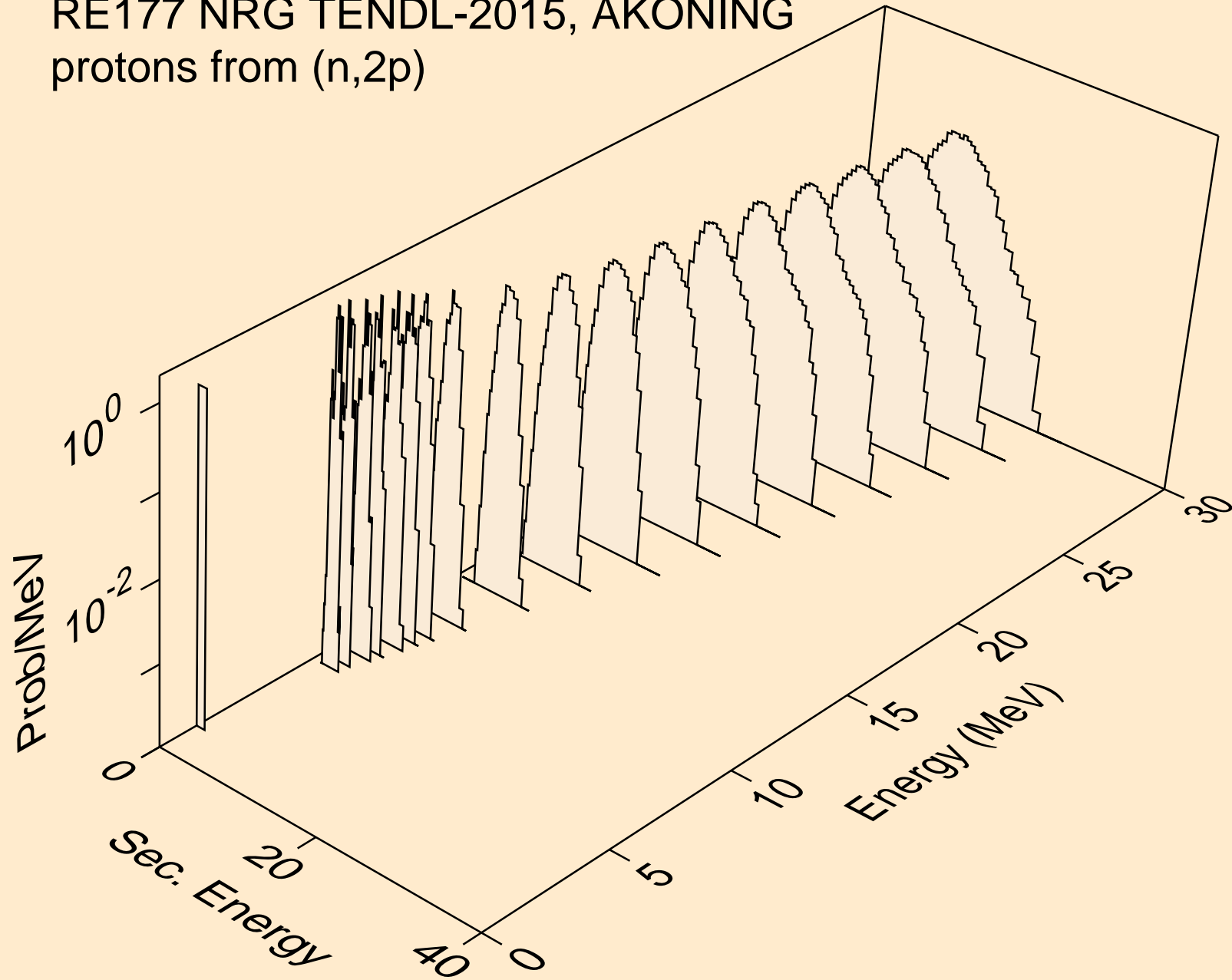




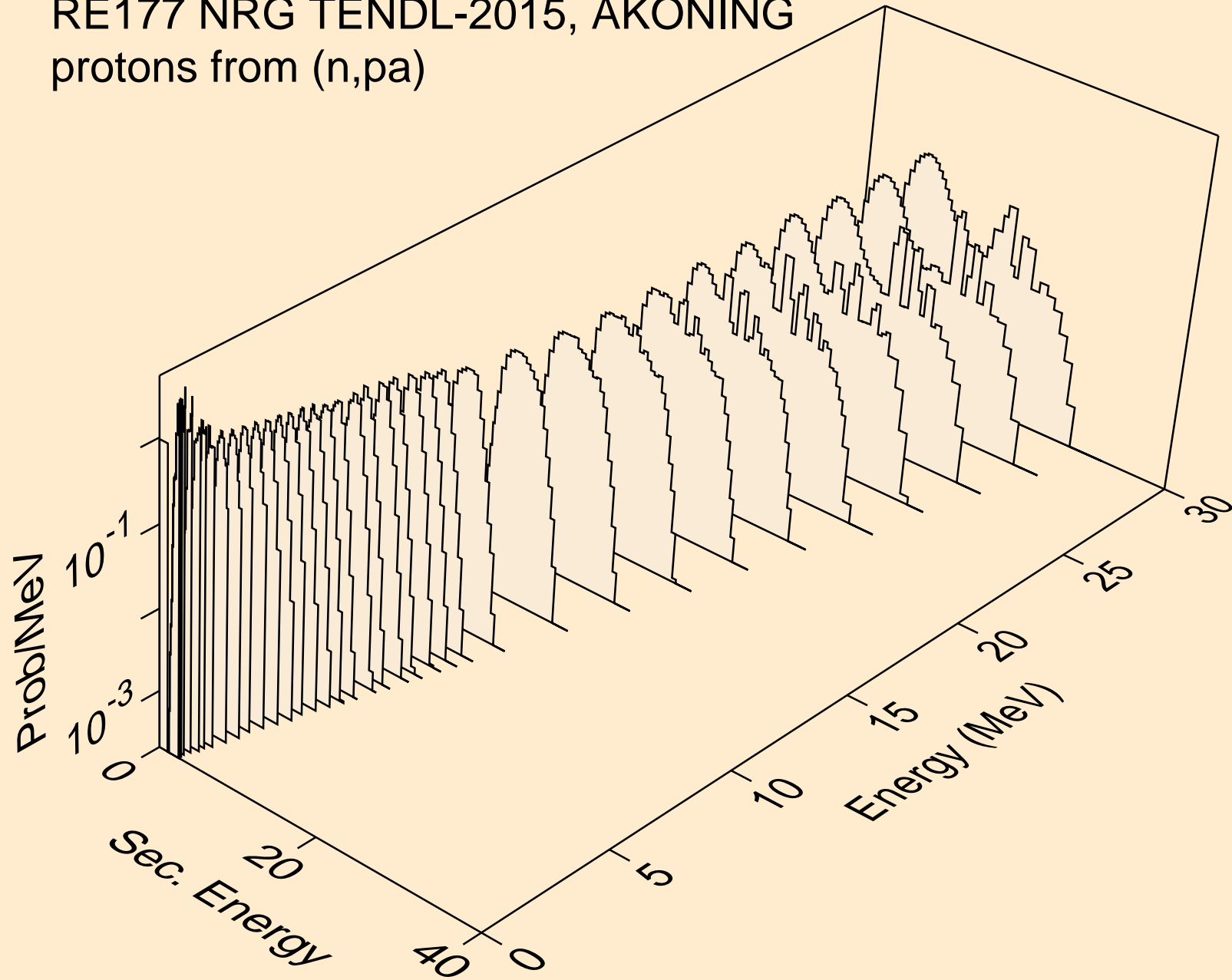
RE177 NRG TENDL-2015, AKONING  
protons from (n,p)



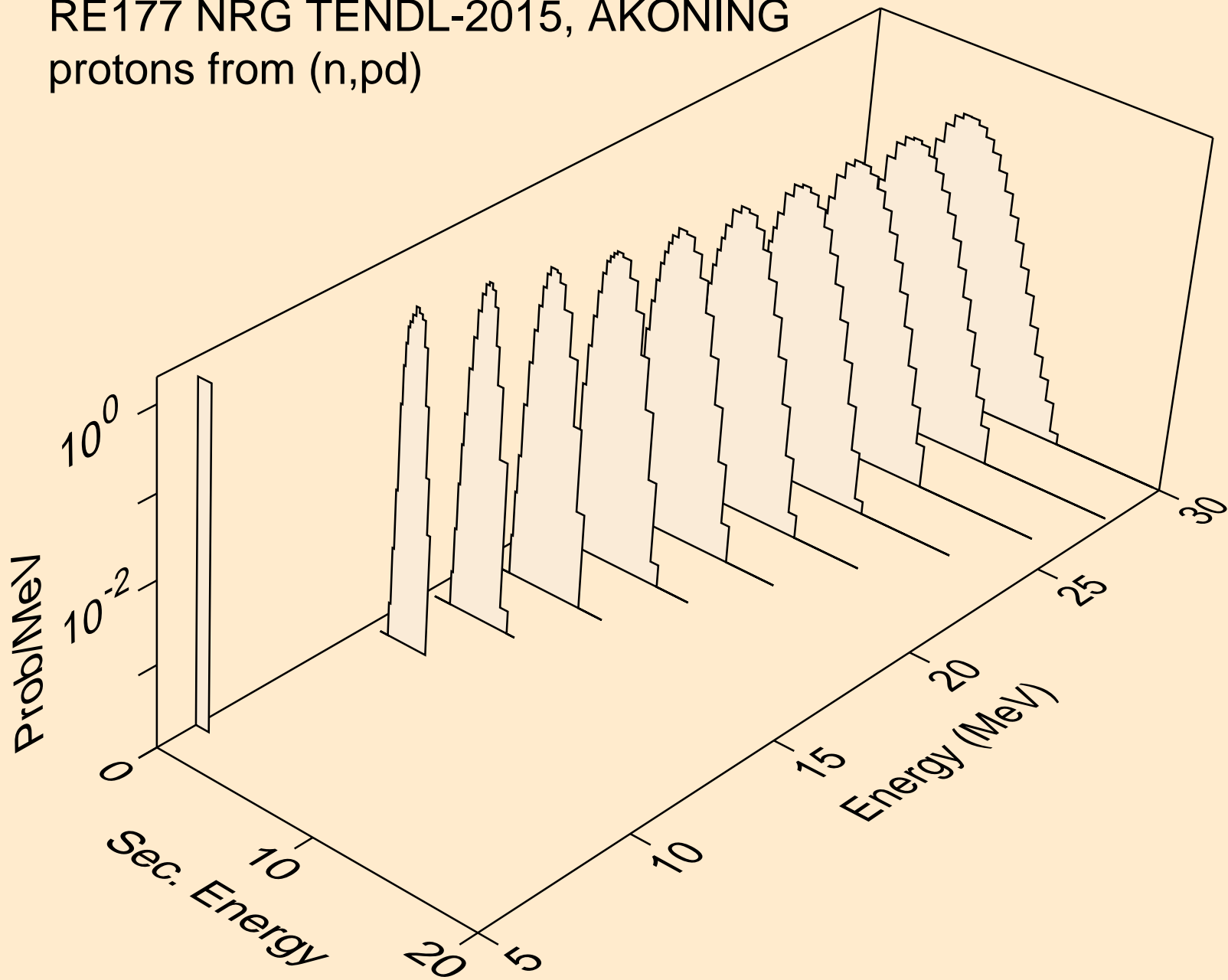
RE177 NRG TENDL-2015, AKONING  
protons from (n,2p)



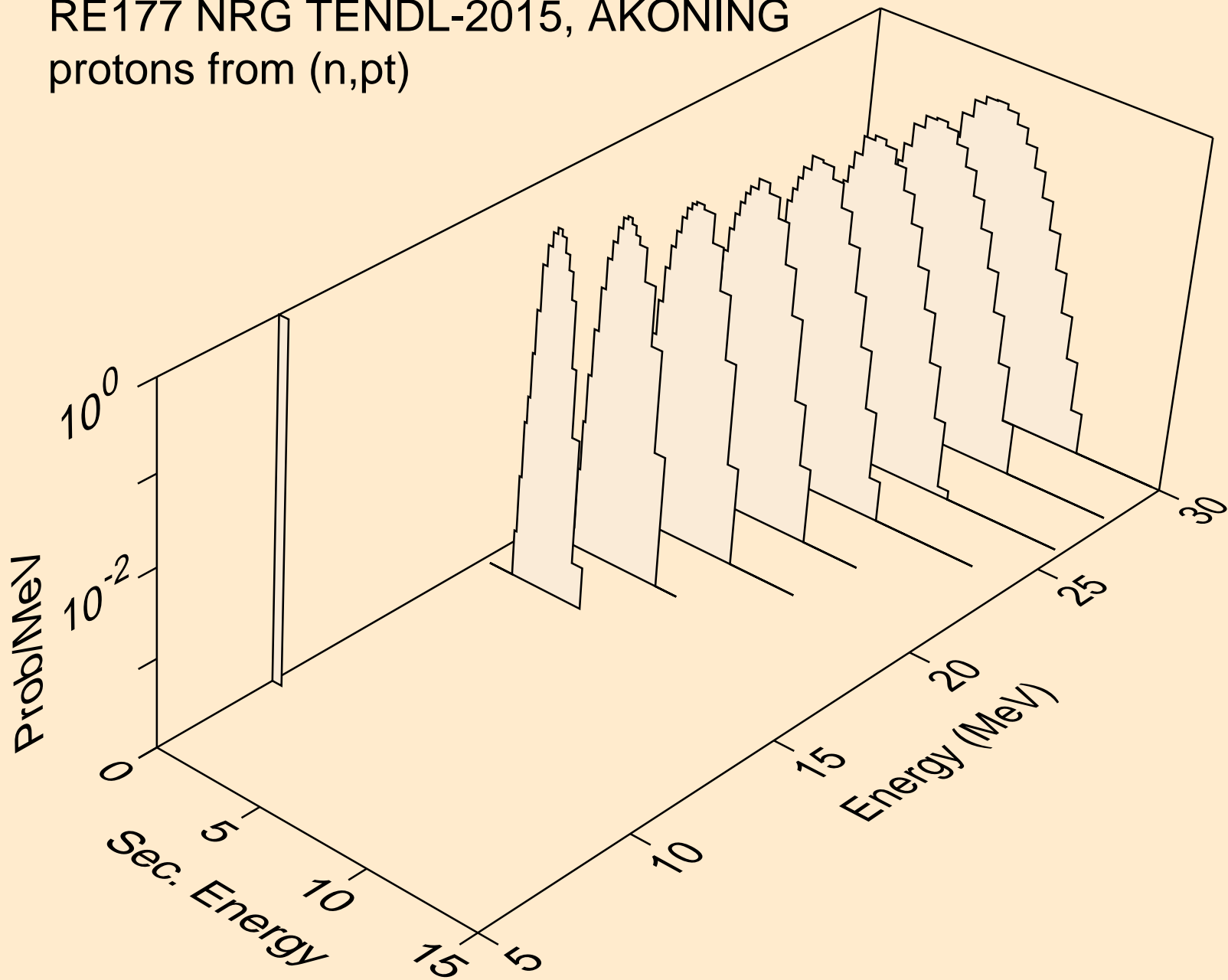
RE177 NRG TENDL-2015, AKONING  
protons from (n,pa)



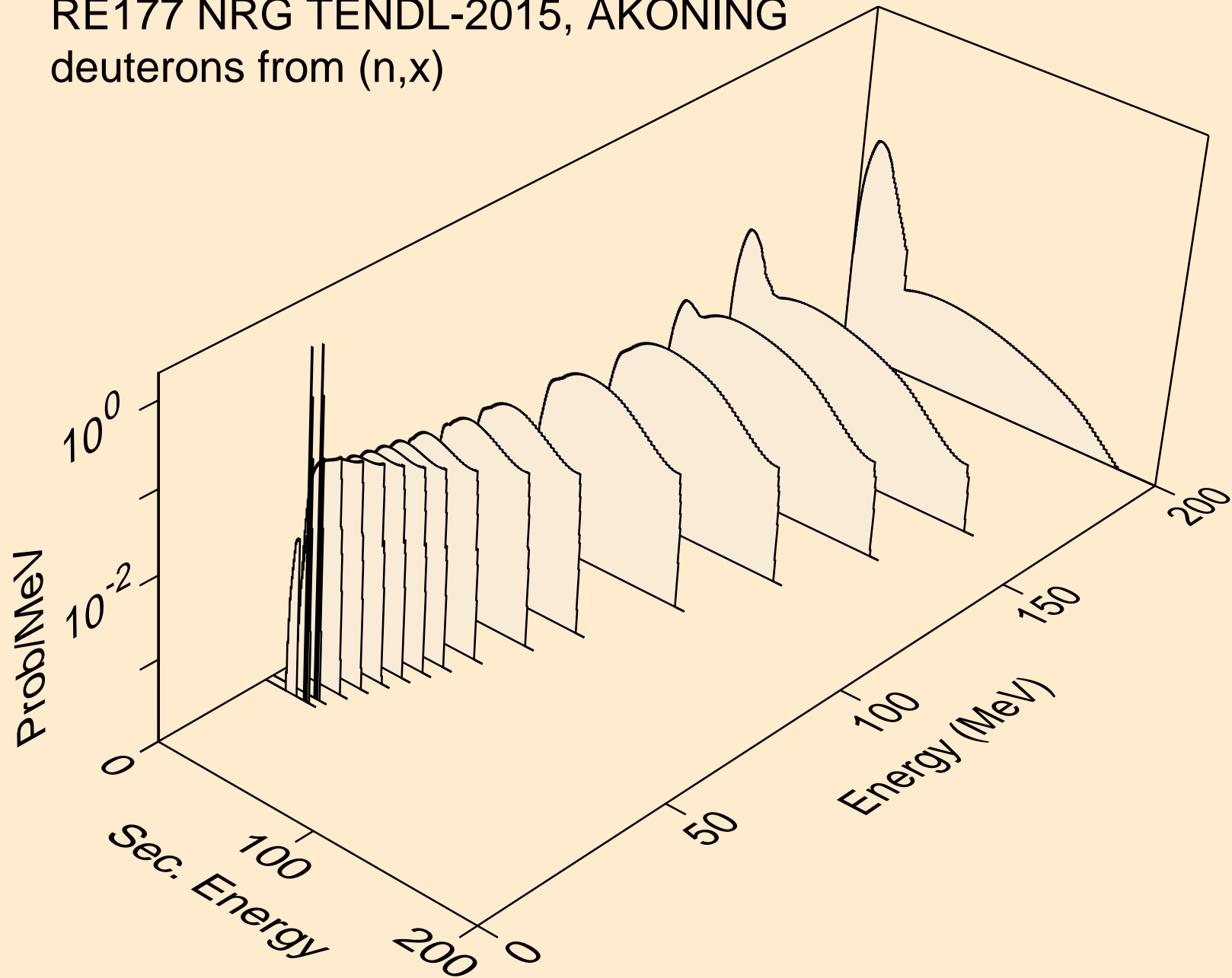
RE177 NRG TENDL-2015, AKONING  
protons from (n,pd)



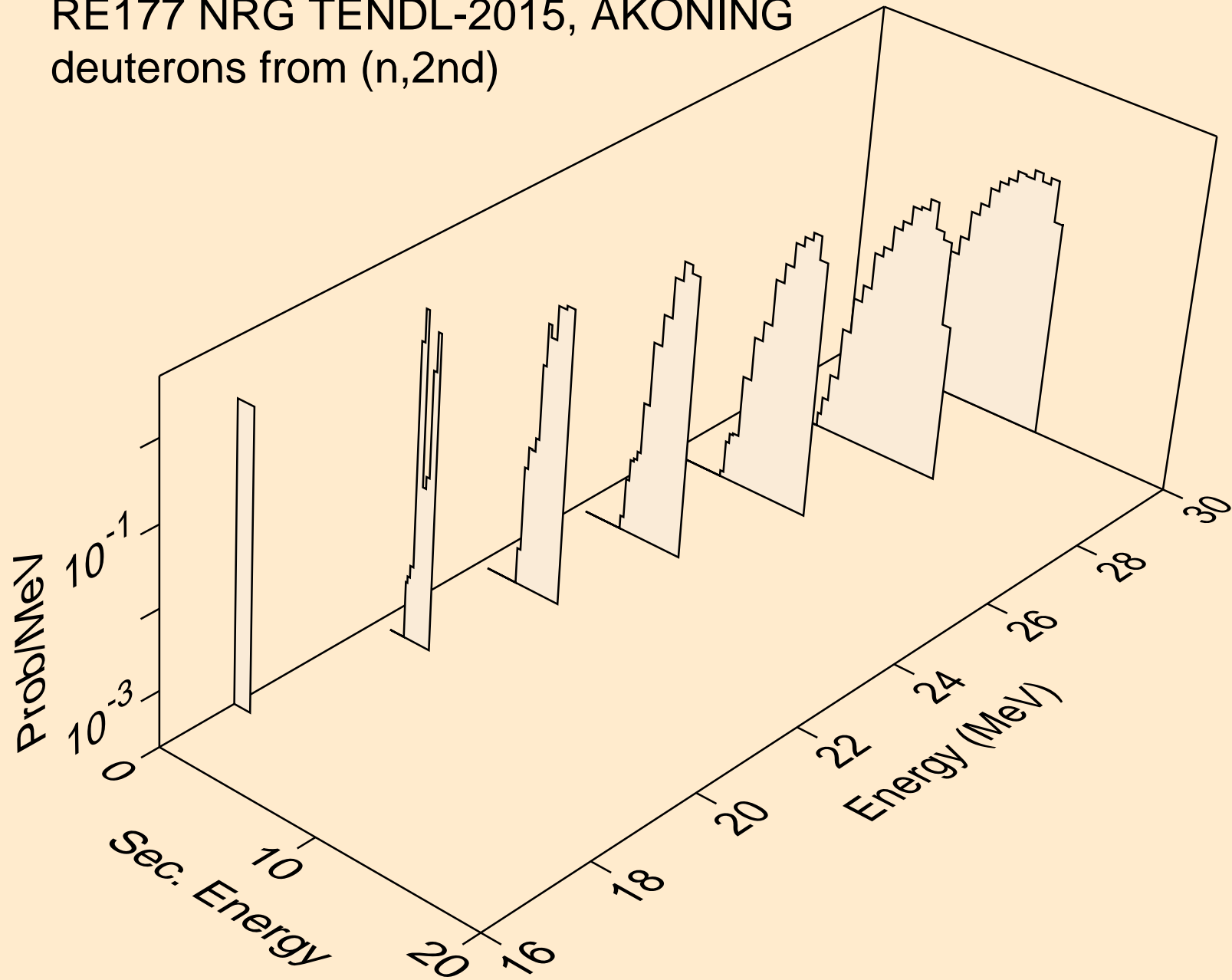
RE177 NRG TENDL-2015, AKONING  
protons from (n,pt)



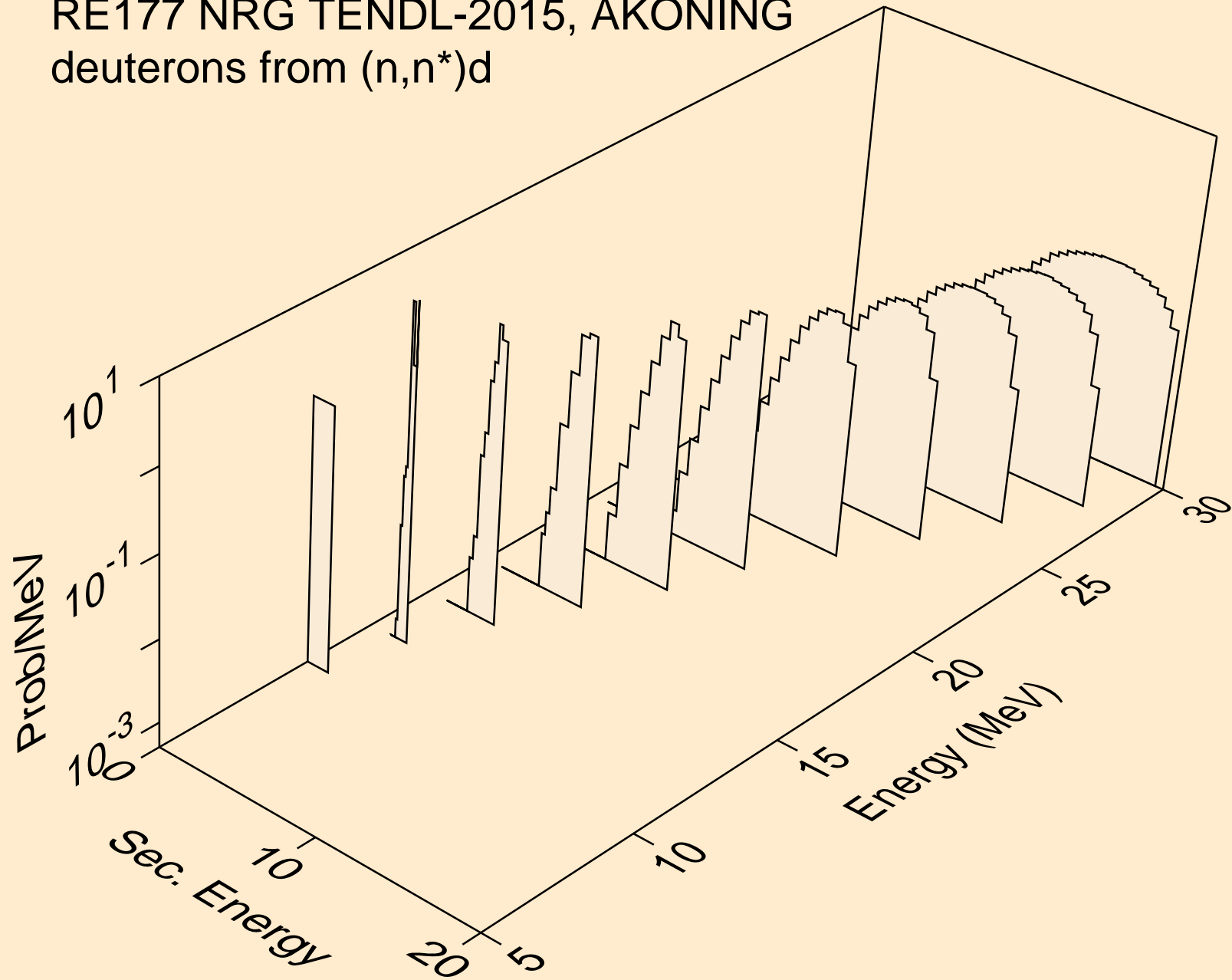
RE177 NRG TENDL-2015, AKONING  
deuterons from (n,x)



RE177 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)

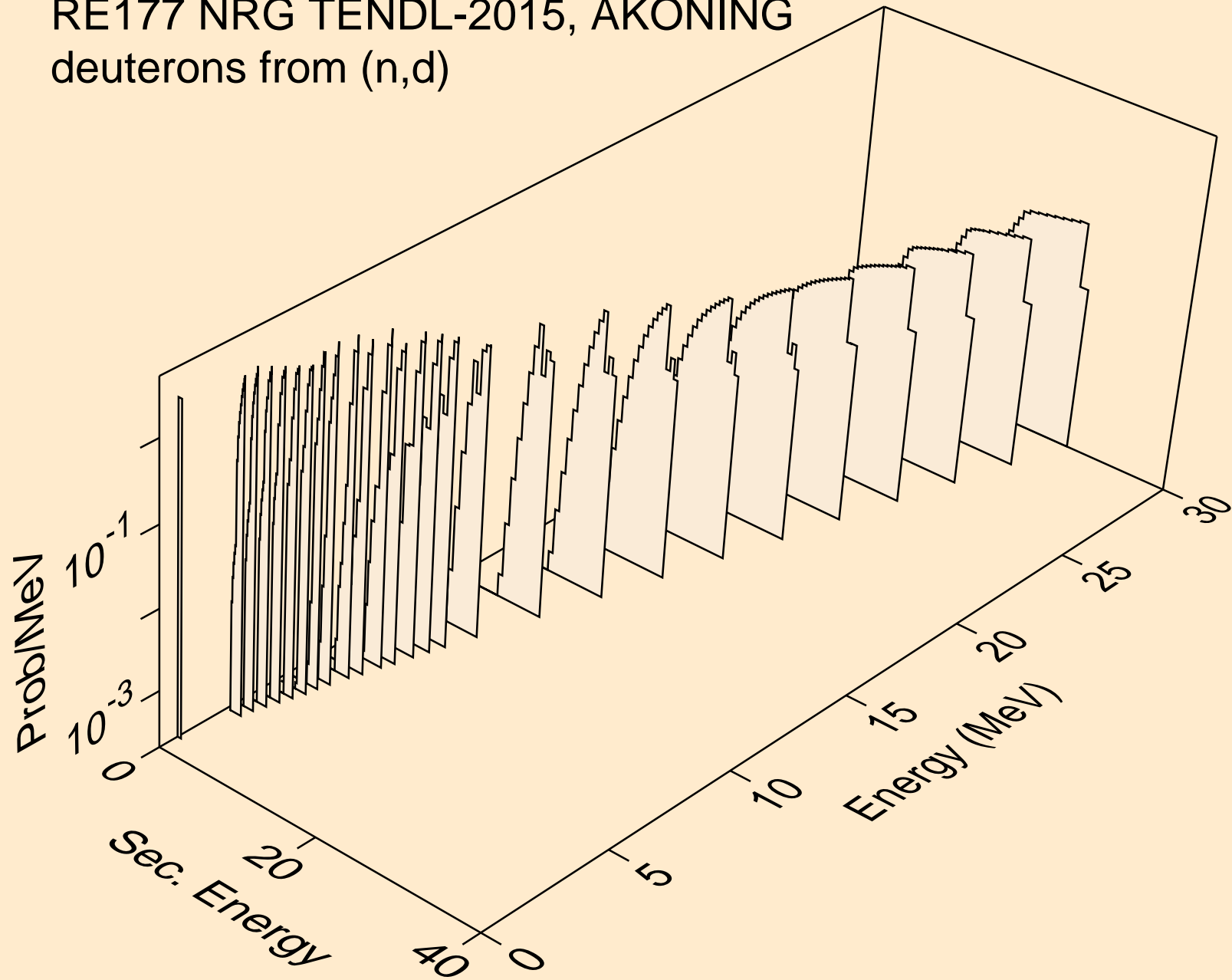


RE177 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

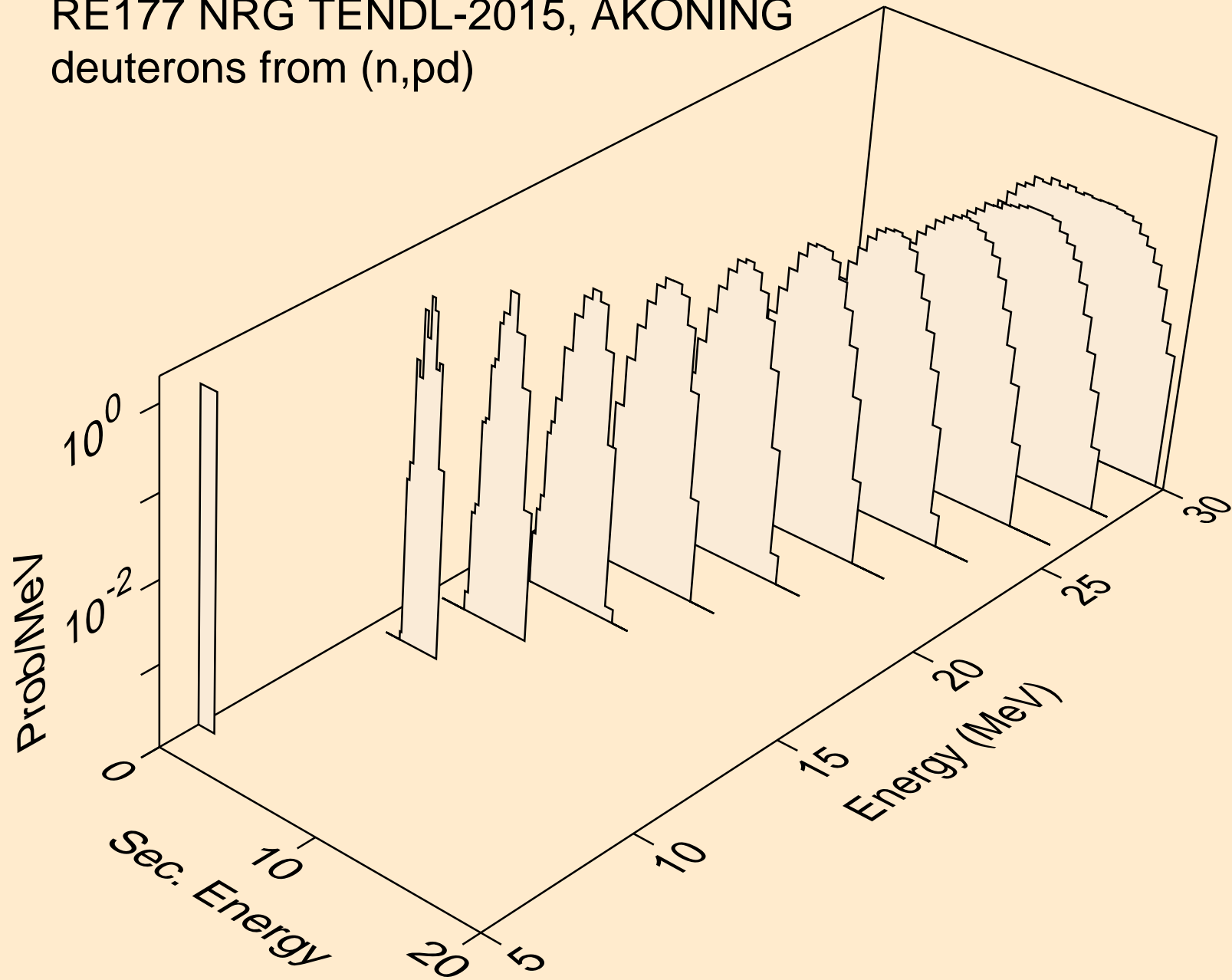




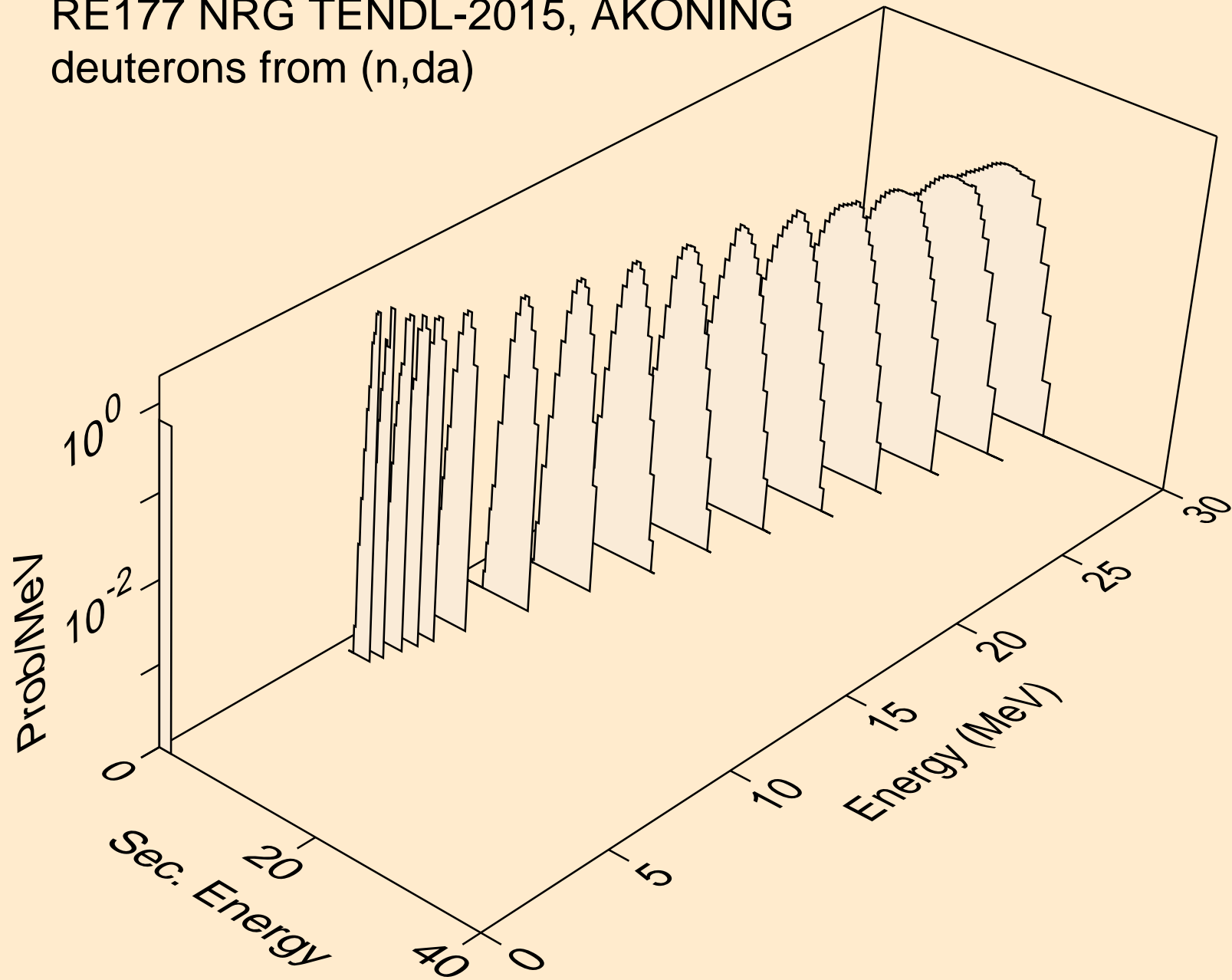
RE177 NRG TENDL-2015, AKONING  
deuterons from (n,d)



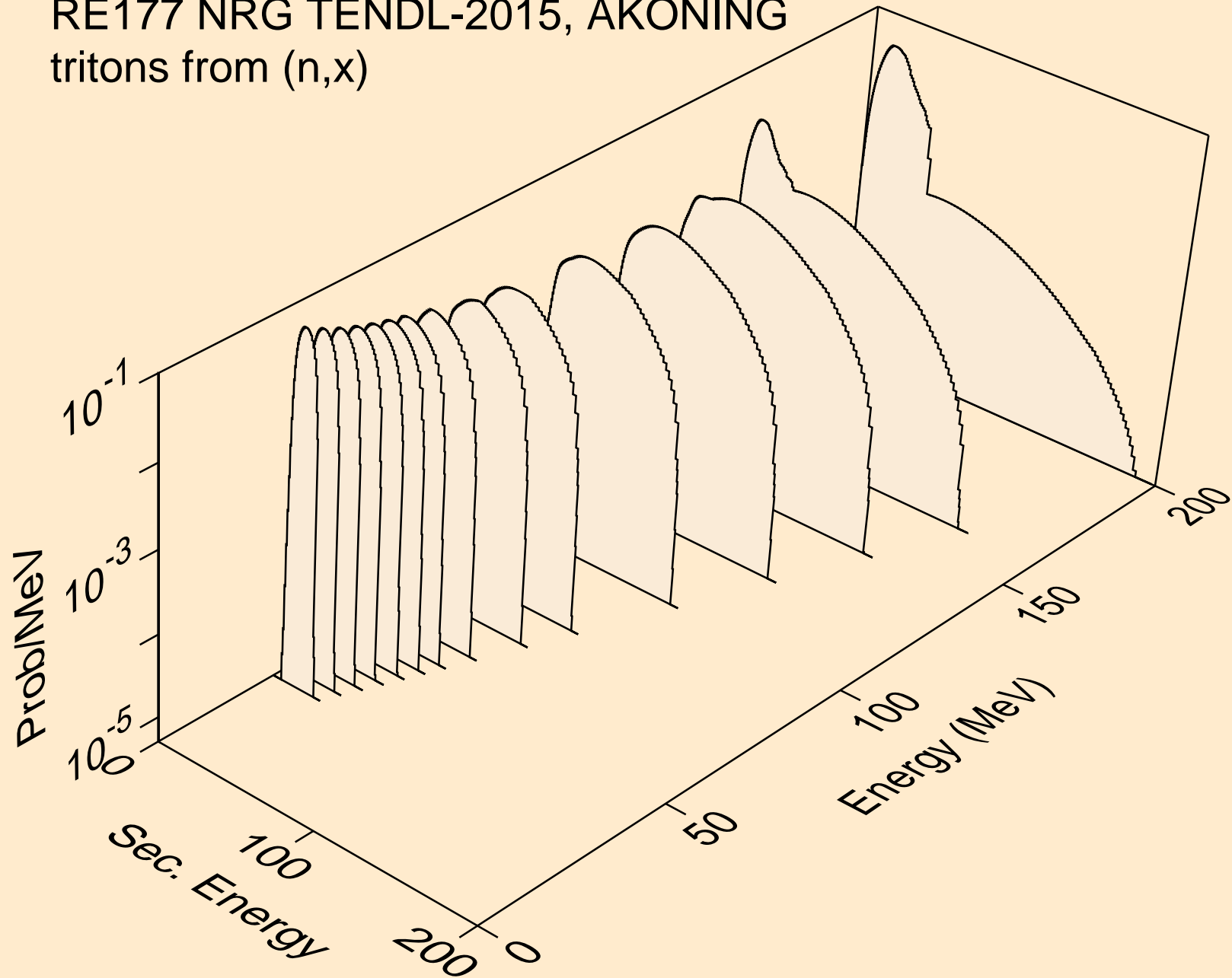
RE177 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



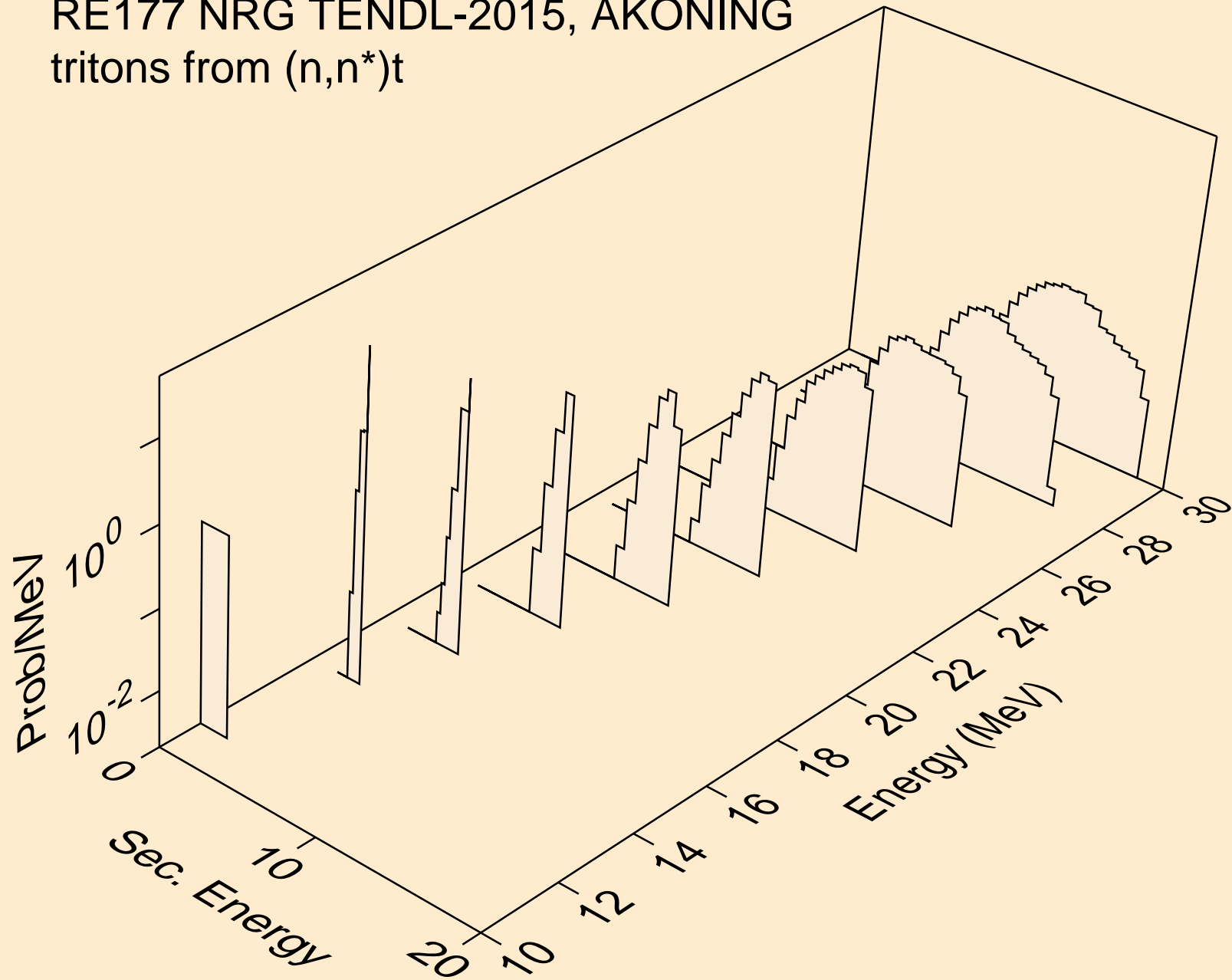
RE177 NRG TENDL-2015, AKONING  
deuterons from (n,da)



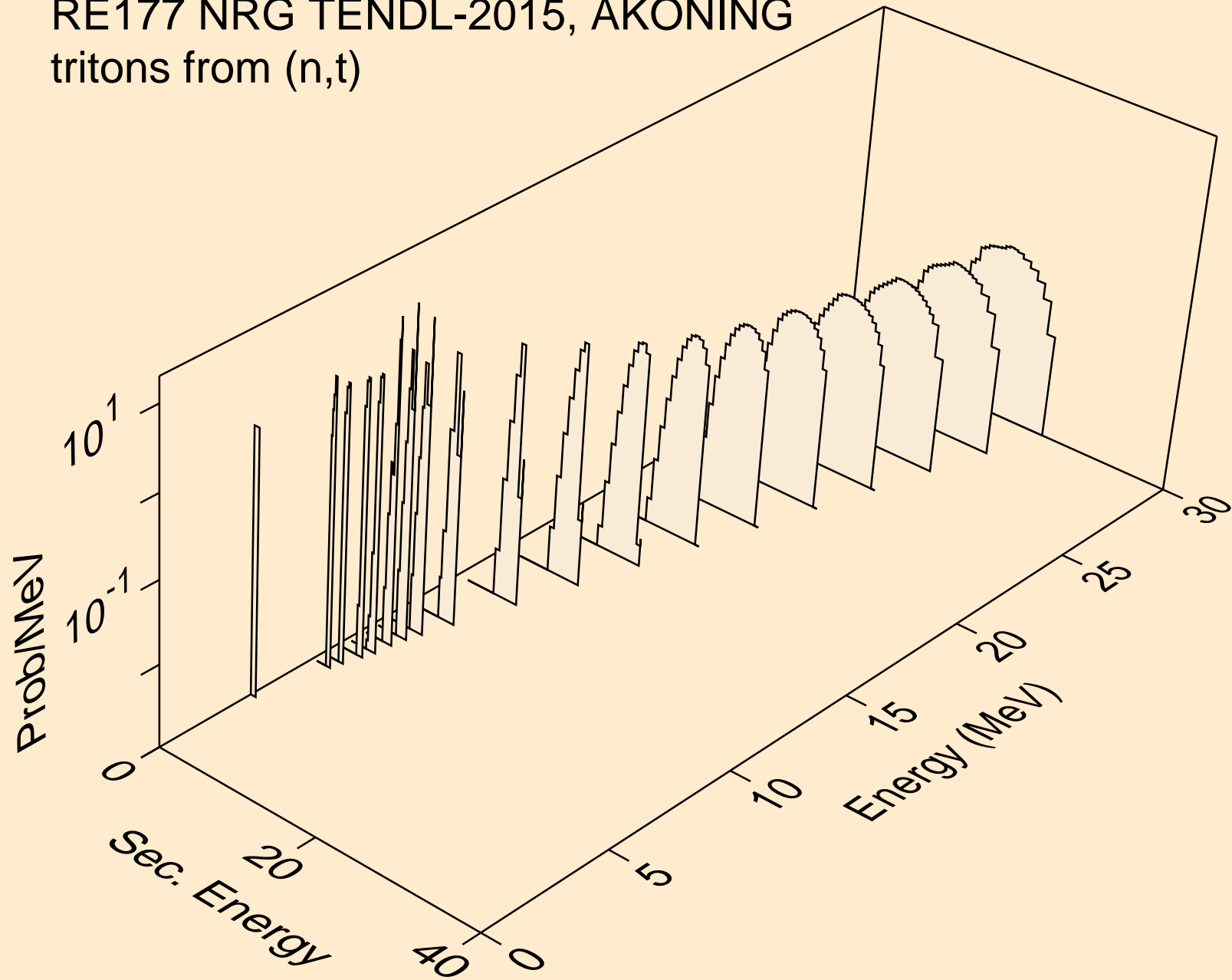
RE177 NRG TENDL-2015, AKONING  
tritons from (n,x)



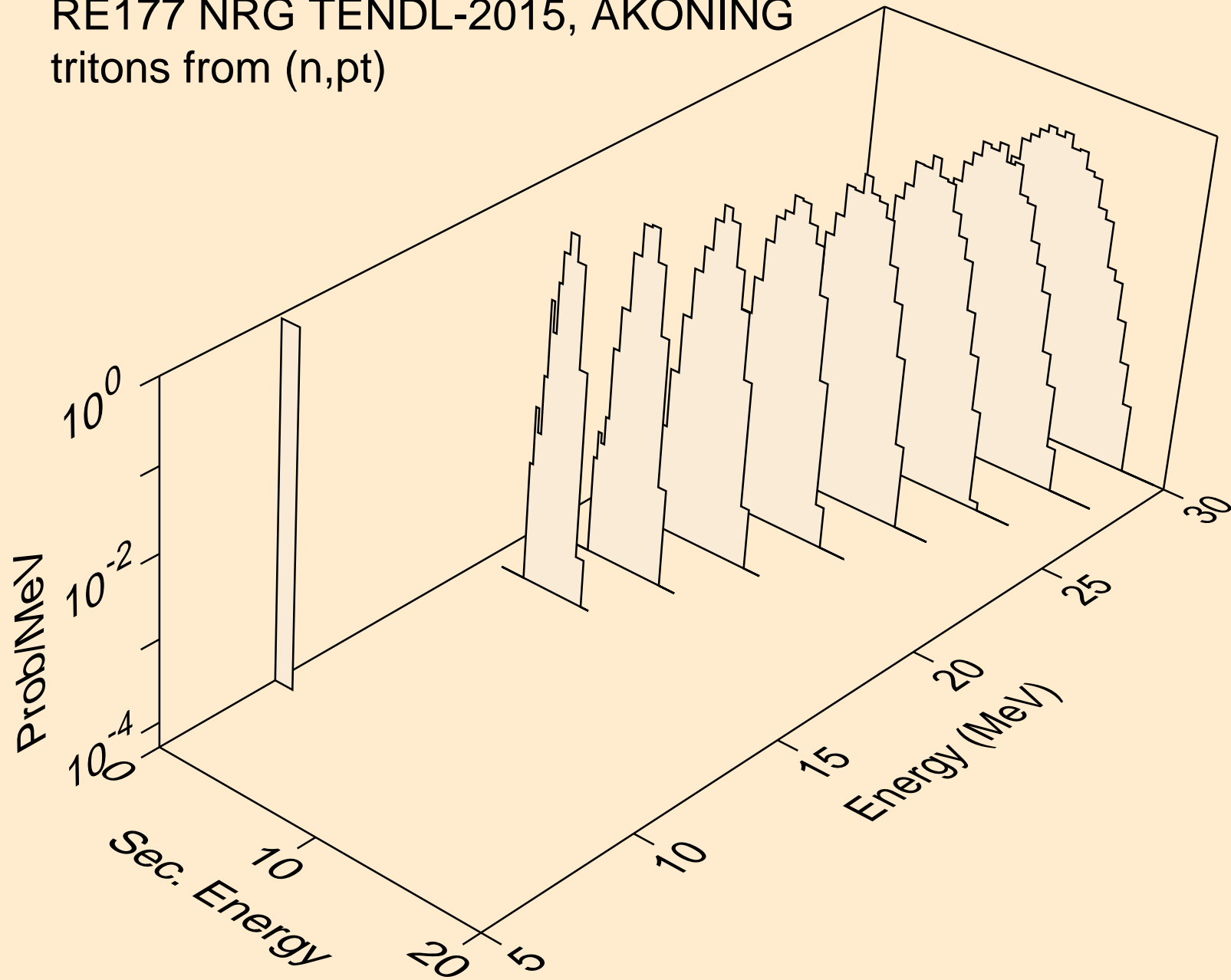
RE177 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



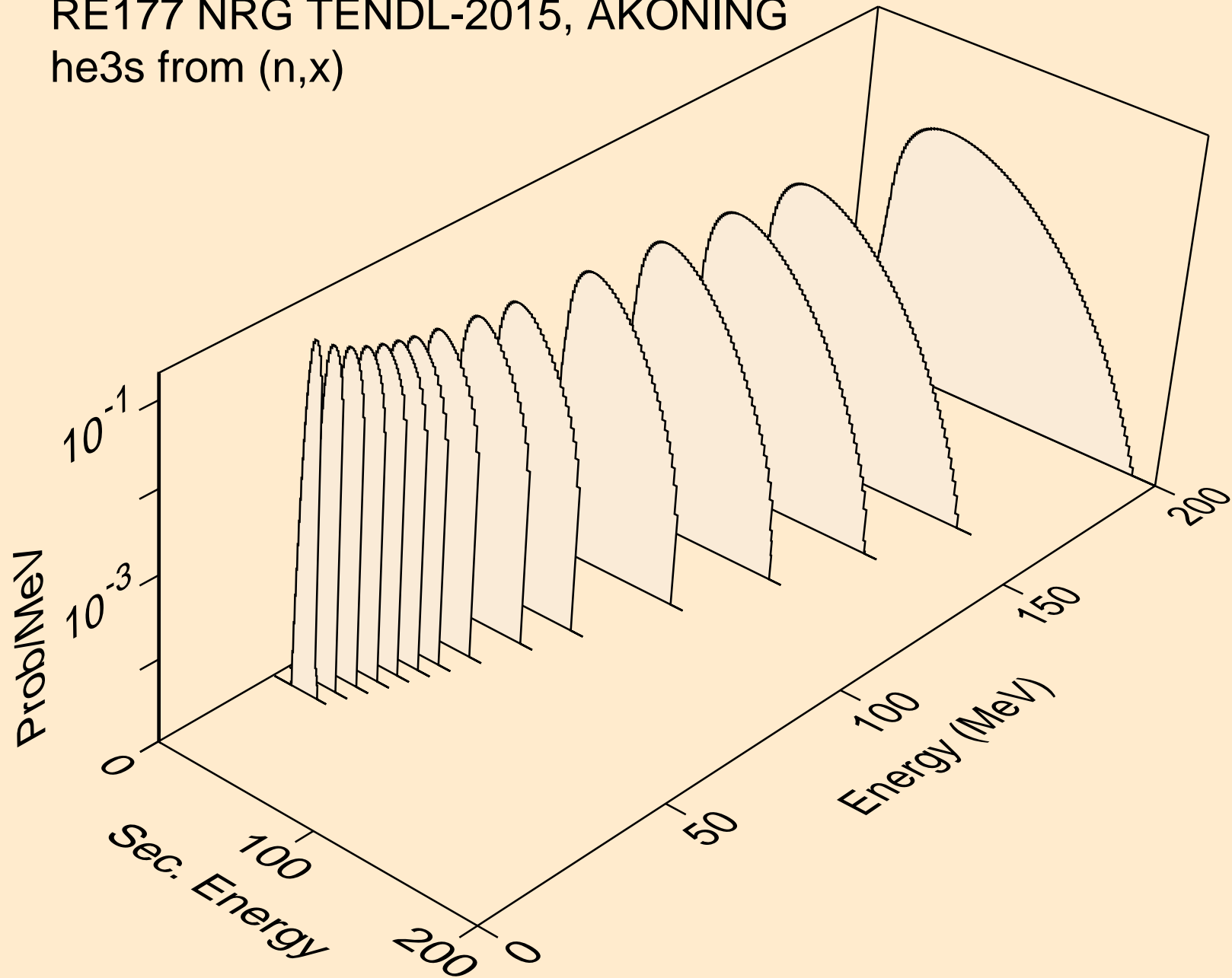
RE177 NRG TENDL-2015, AKONING  
tritons from (n,t)



RE177 NRG TENDL-2015, AKONING  
tritons from (n,pt)

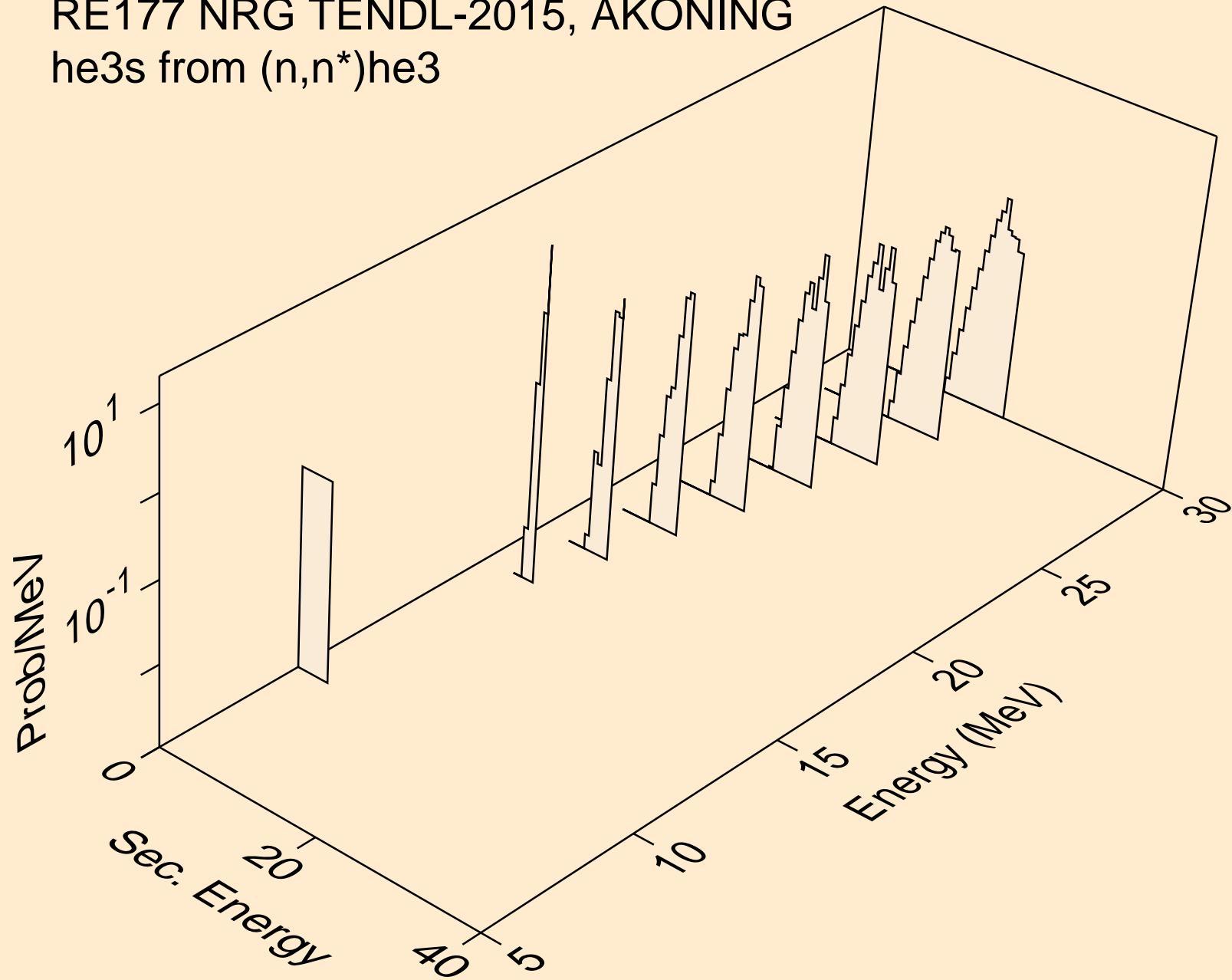


RE177 NRG TENDL-2015, AKONING  
he3s from (n,x)

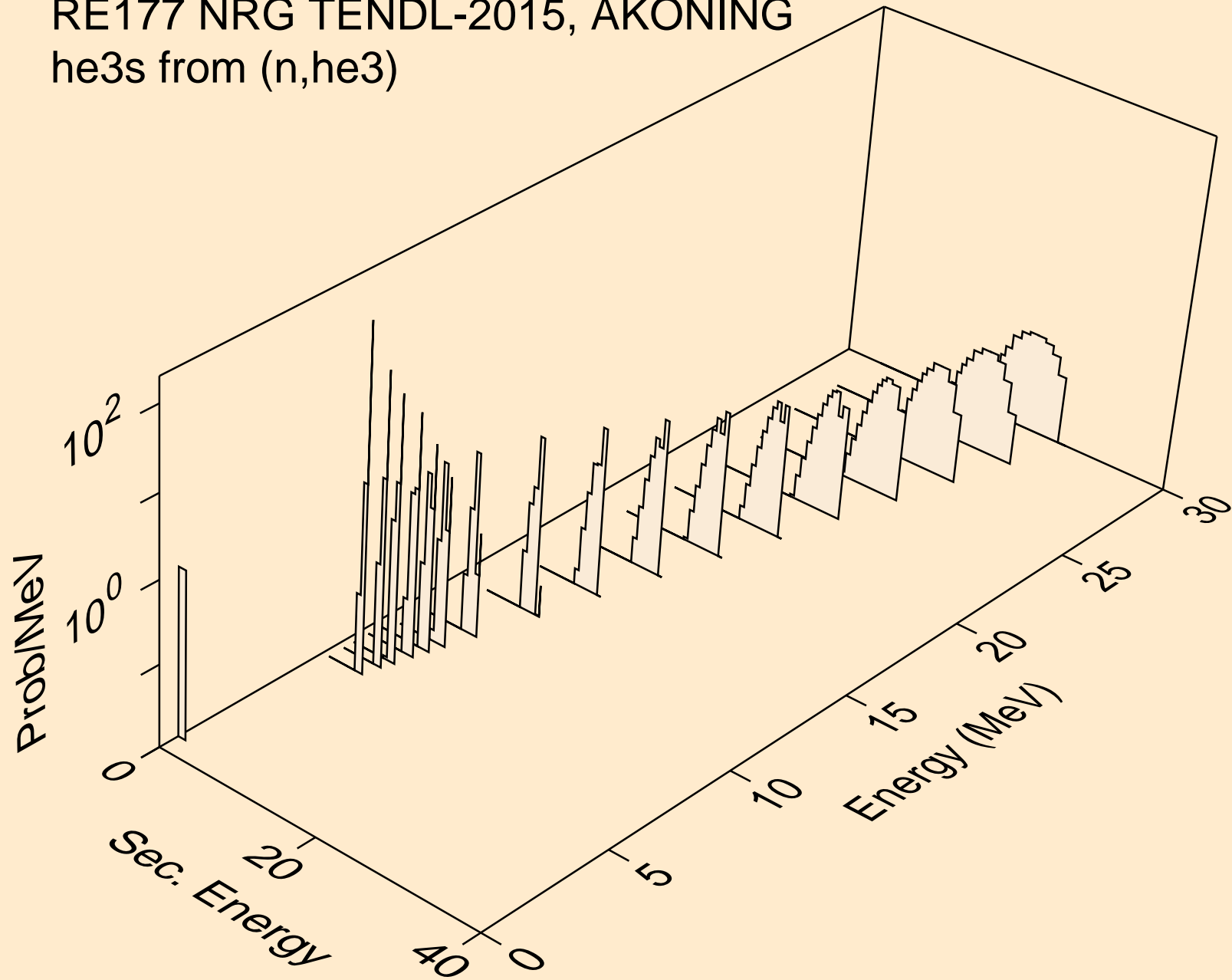




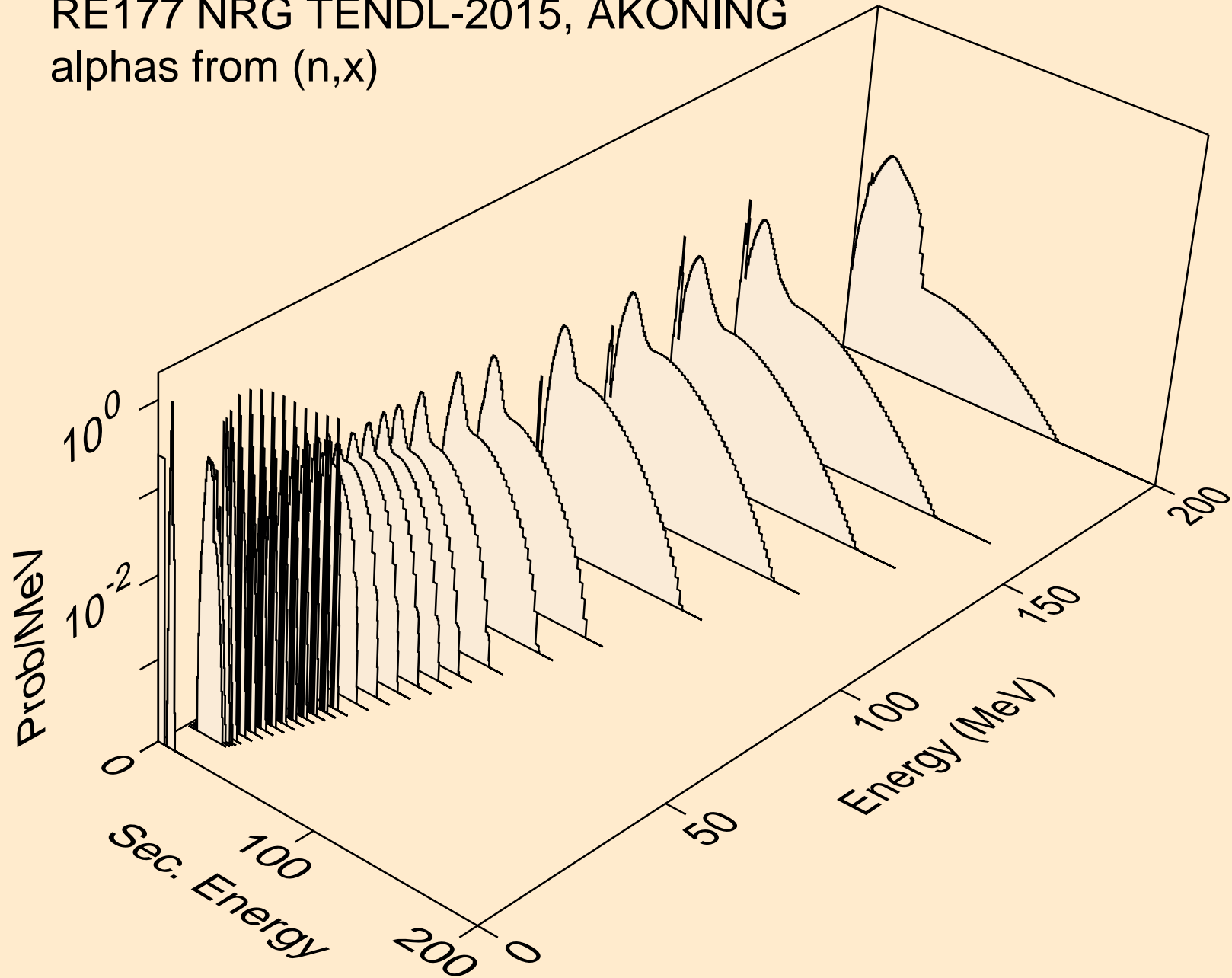
RE177 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



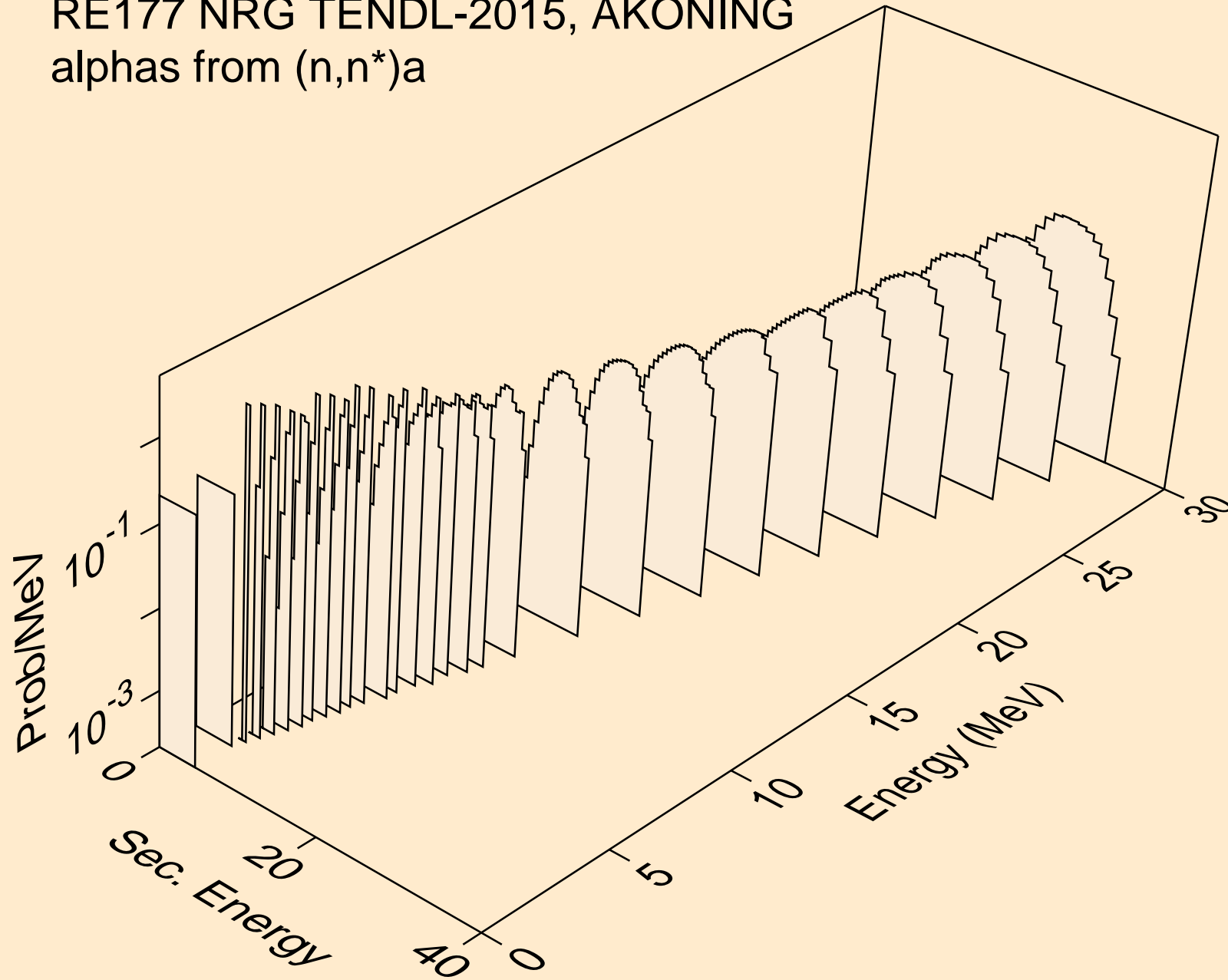
RE177 NRG TENDL-2015, AKONING  
he3s from (n,he3)



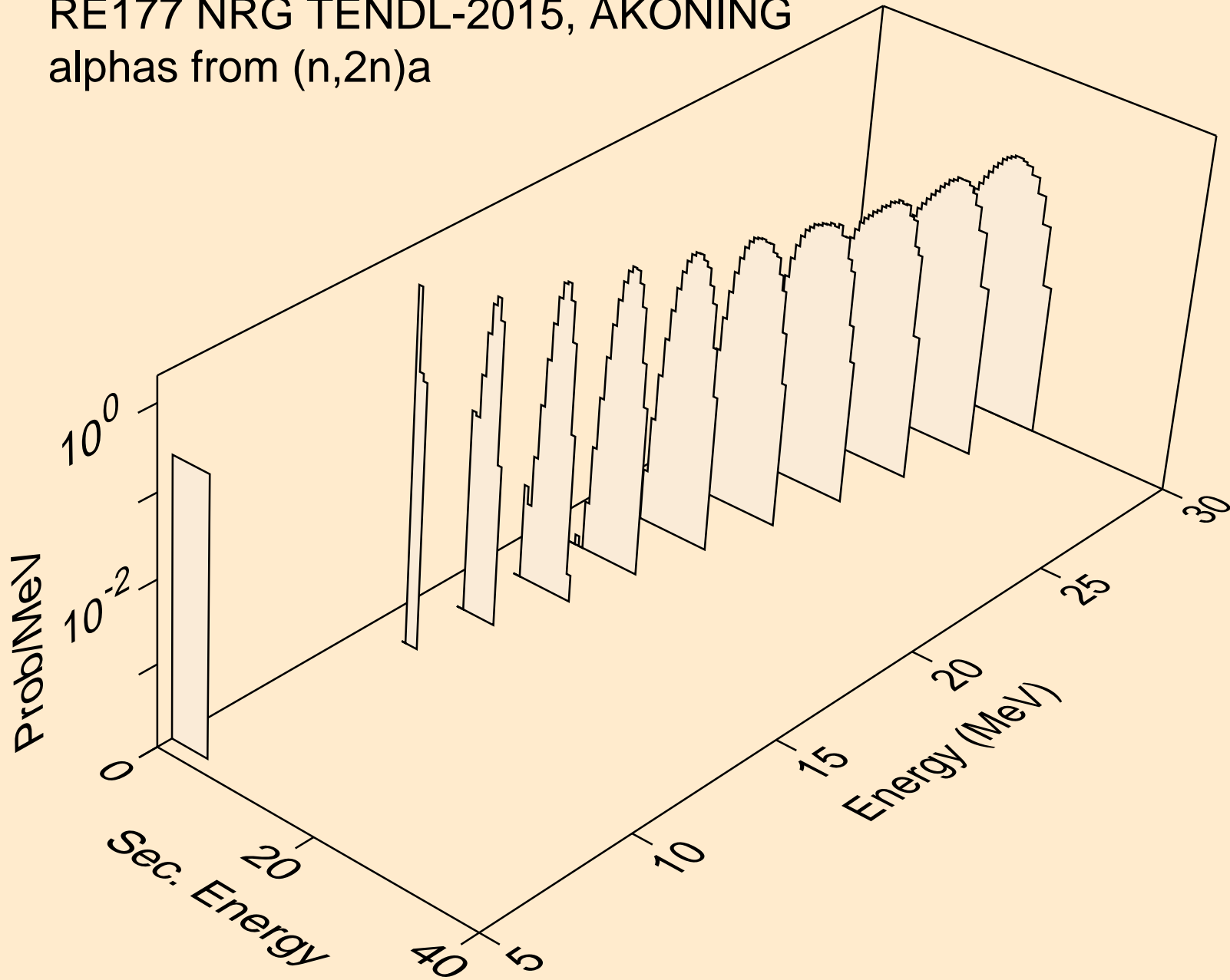
RE177 NRG TENDL-2015, AKONING  
alphas from (n,x)



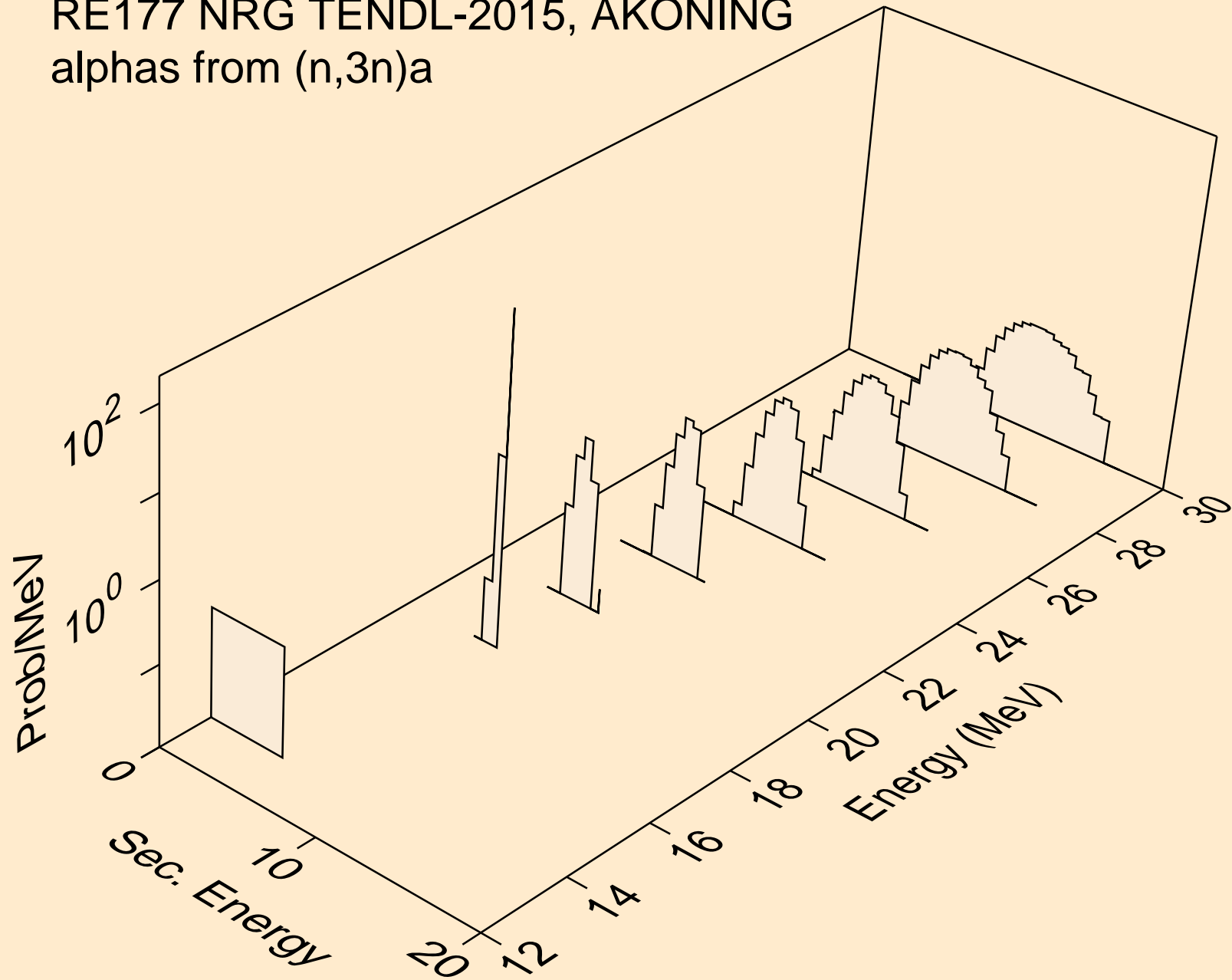
RE177 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



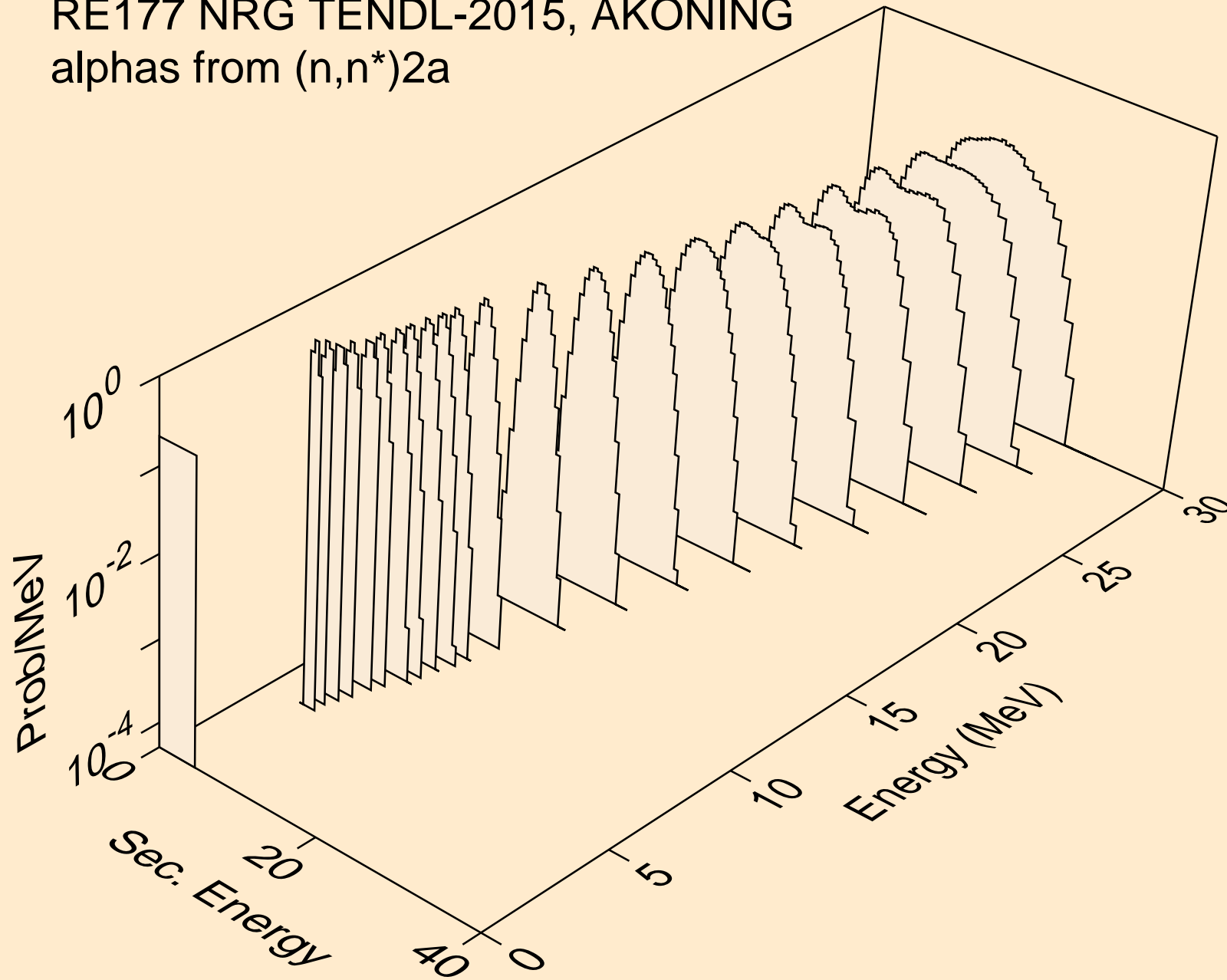
RE177 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



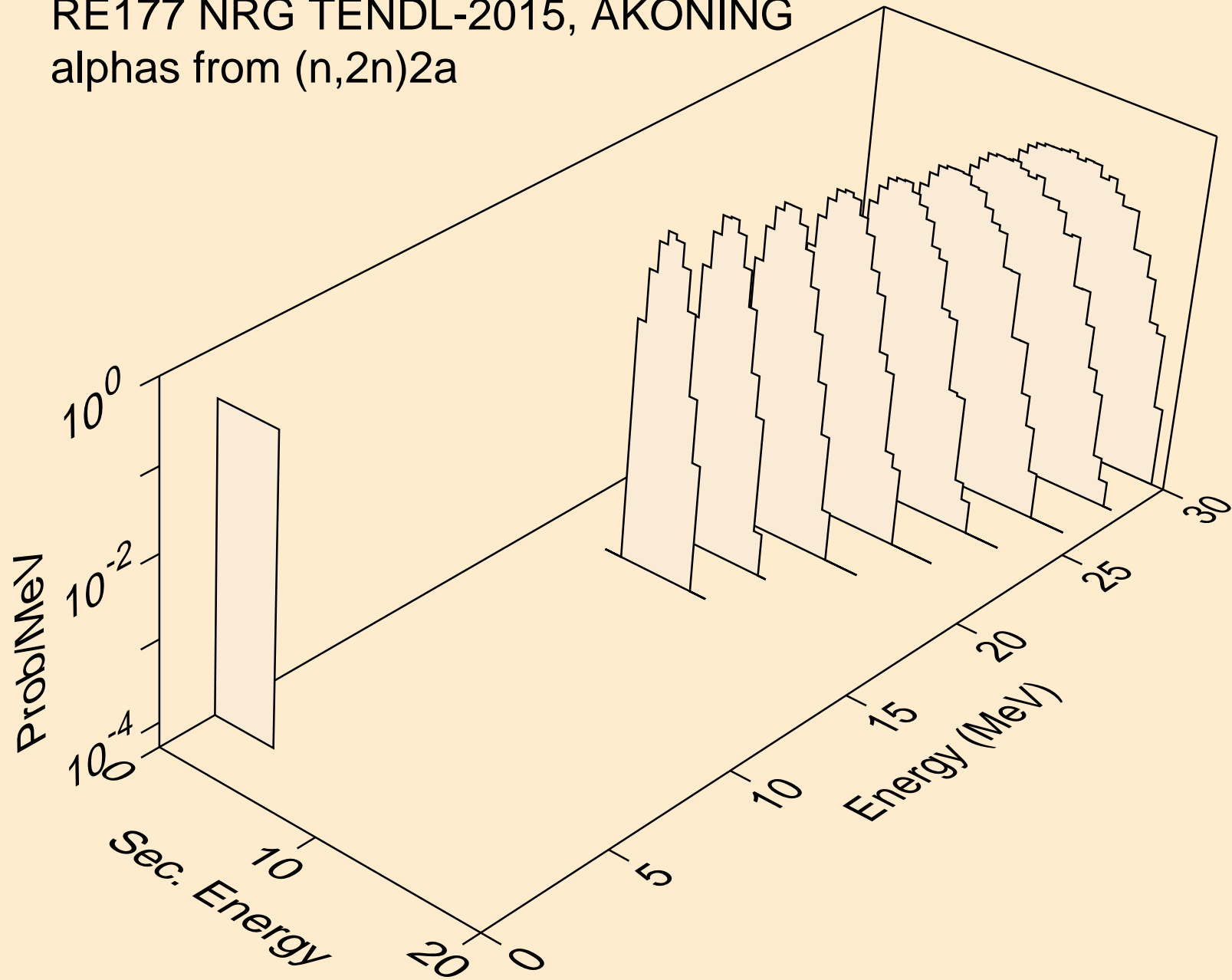
RE177 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



RE177 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a

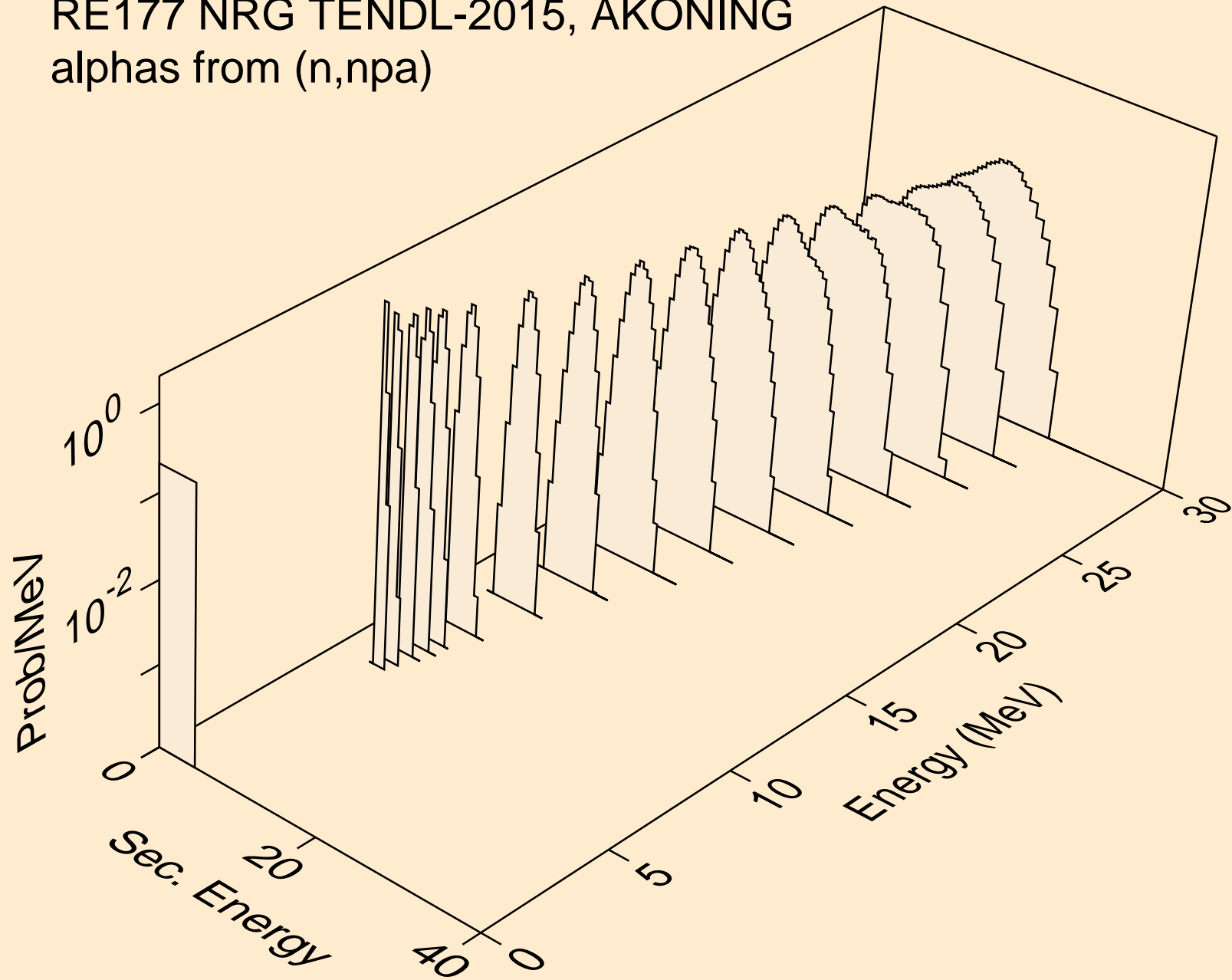


RE177 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a

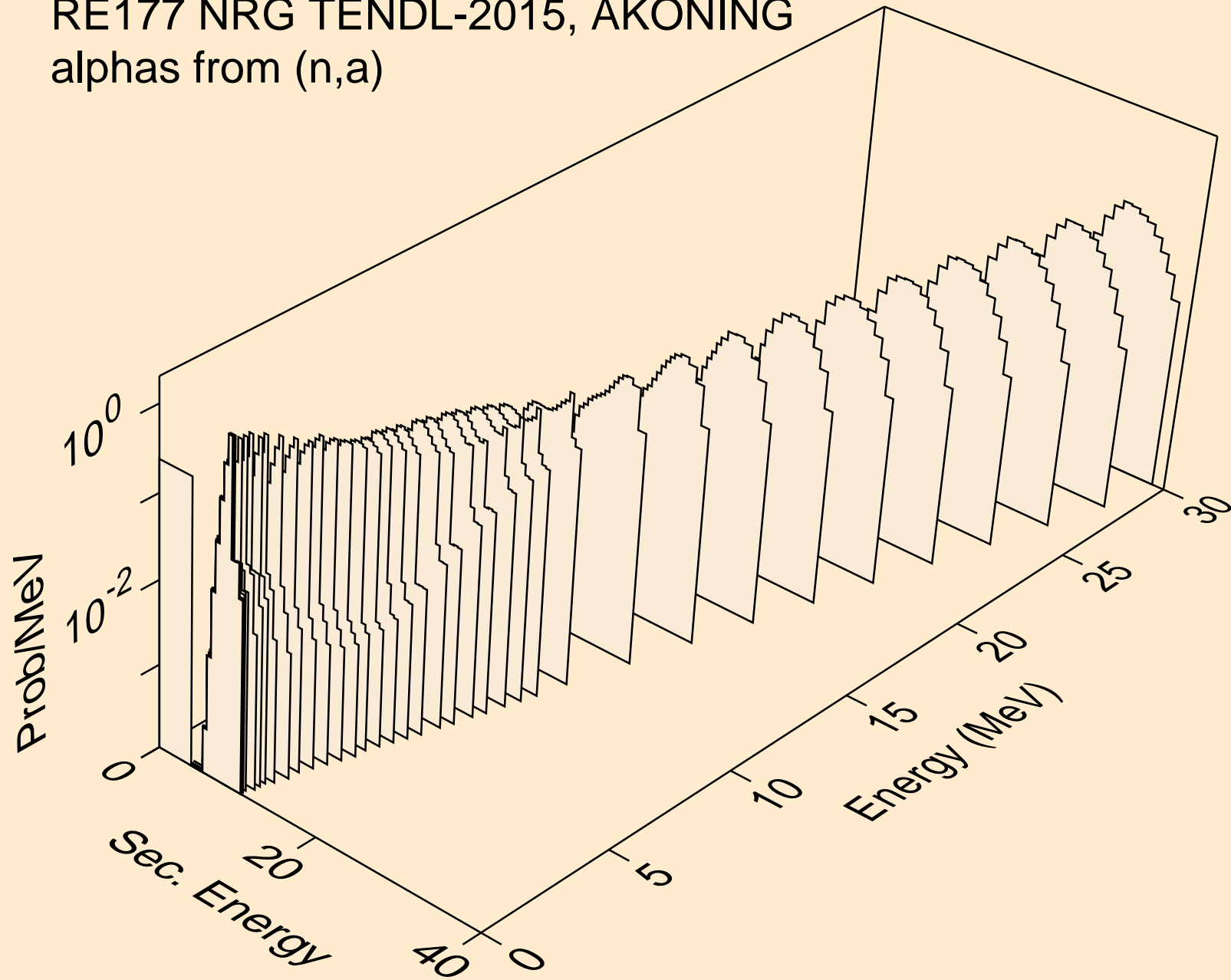




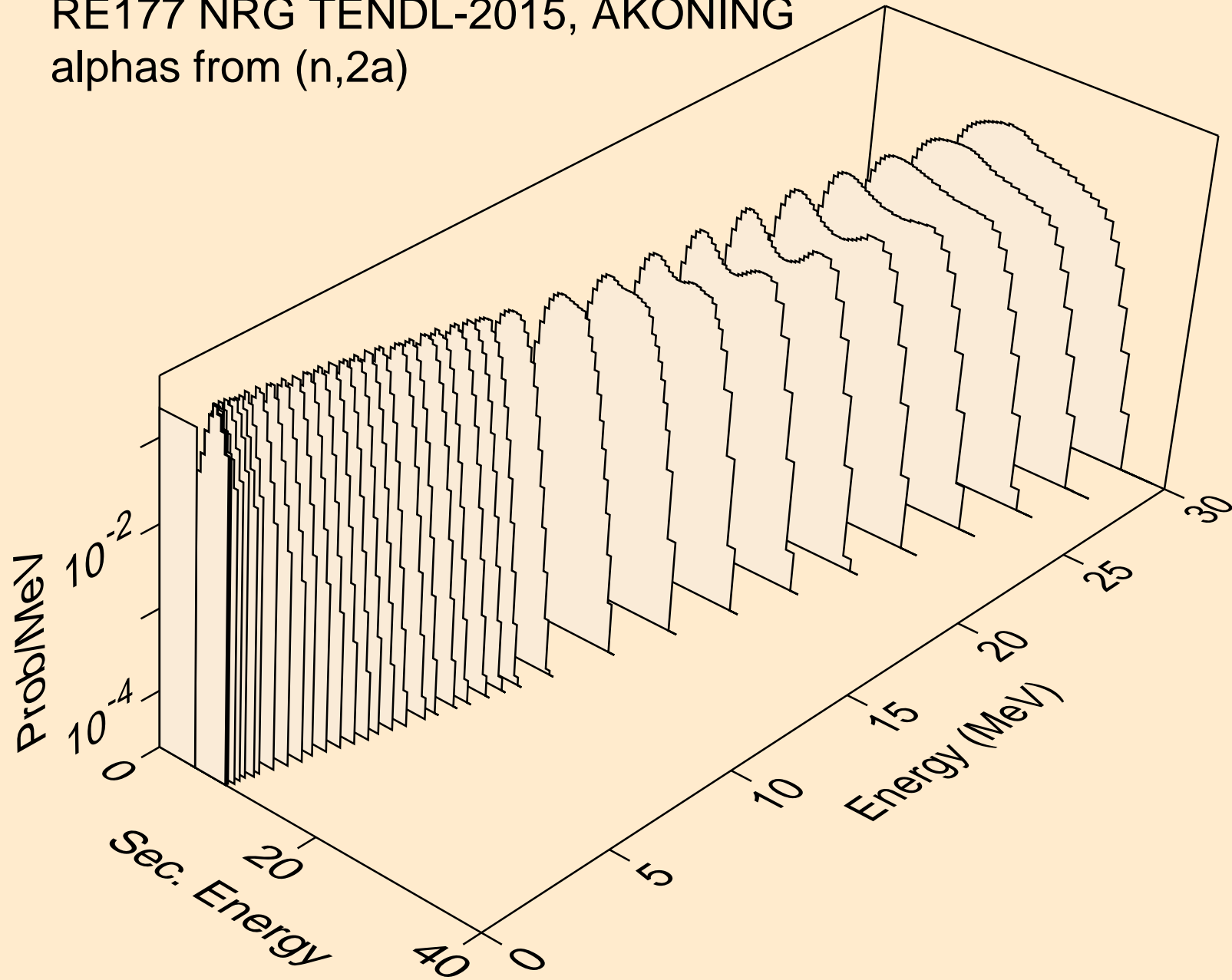
RE177 NRG TENDL-2015, AKONING  
alphas from (n,npa)



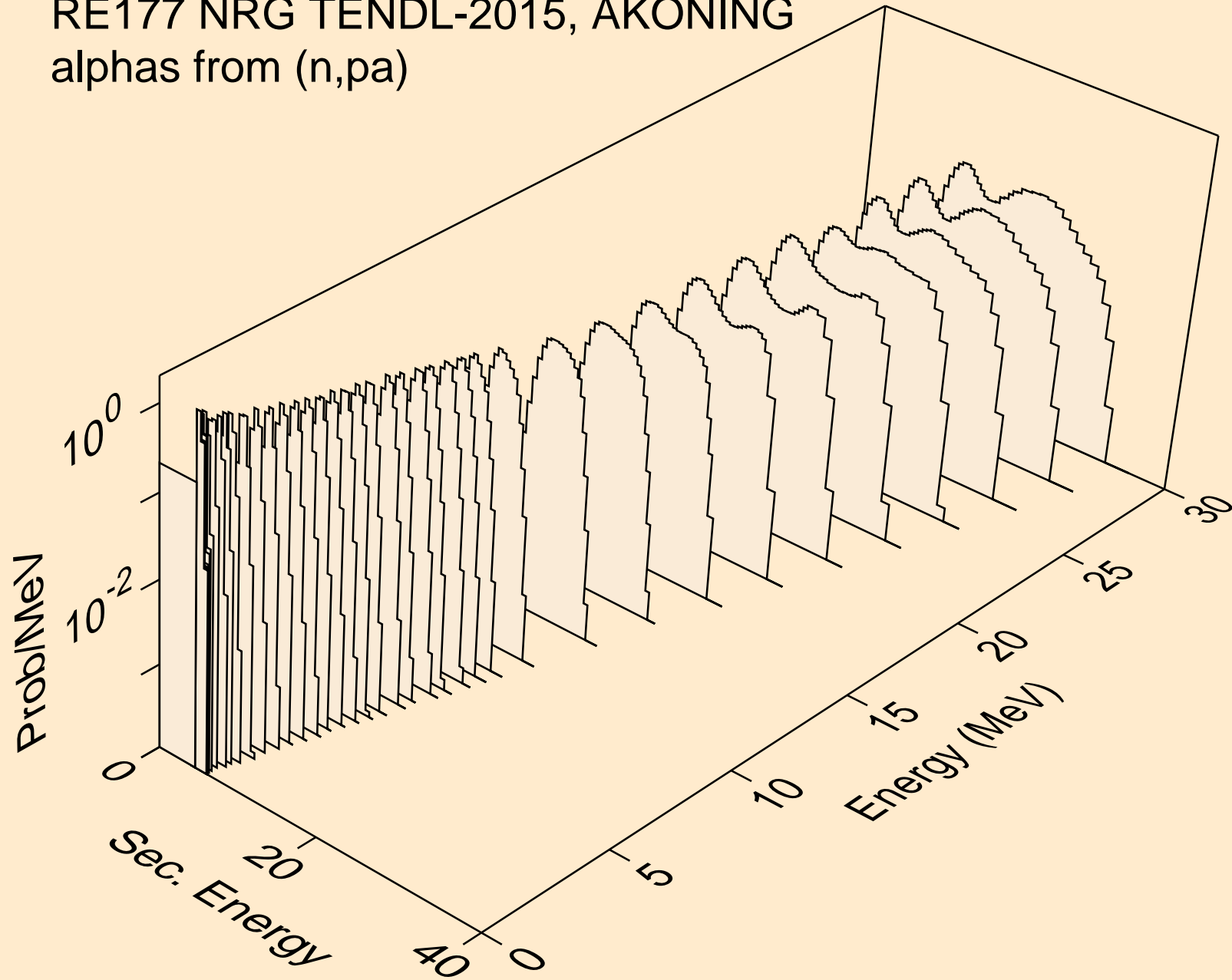
RE177 NRG TENDL-2015, AKONING  
alphas from (n,a)



RE177 NRG TENDL-2015, AKONING  
alphas from (n,2a)



RE177 NRG TENDL-2015, AKONING  
alphas from (n,pa)



RE177 NRG TENDL-2015, AKONING  
alphas from (n,da)

