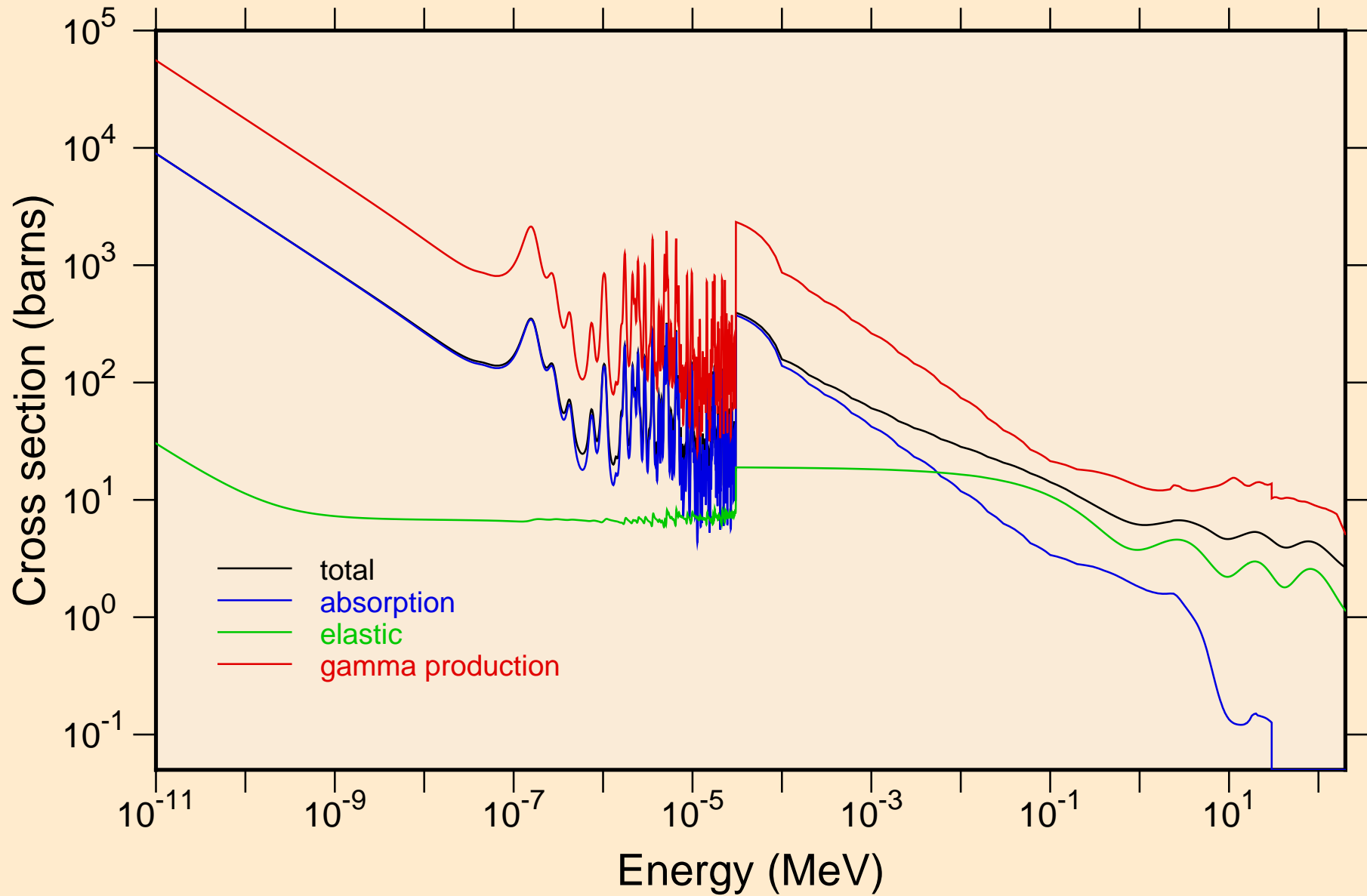
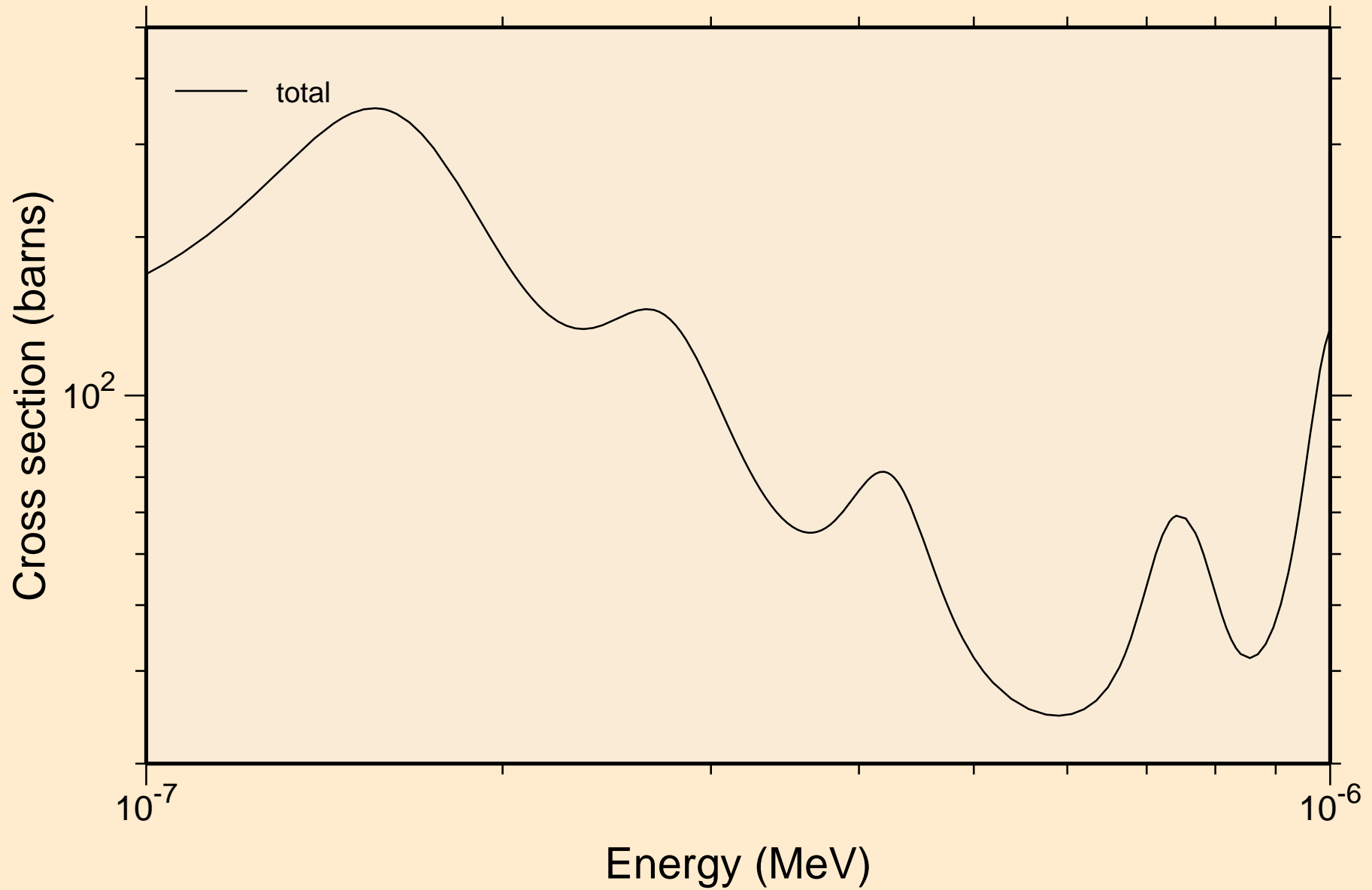


# RE173 NRG TENDL-2015, AKONING

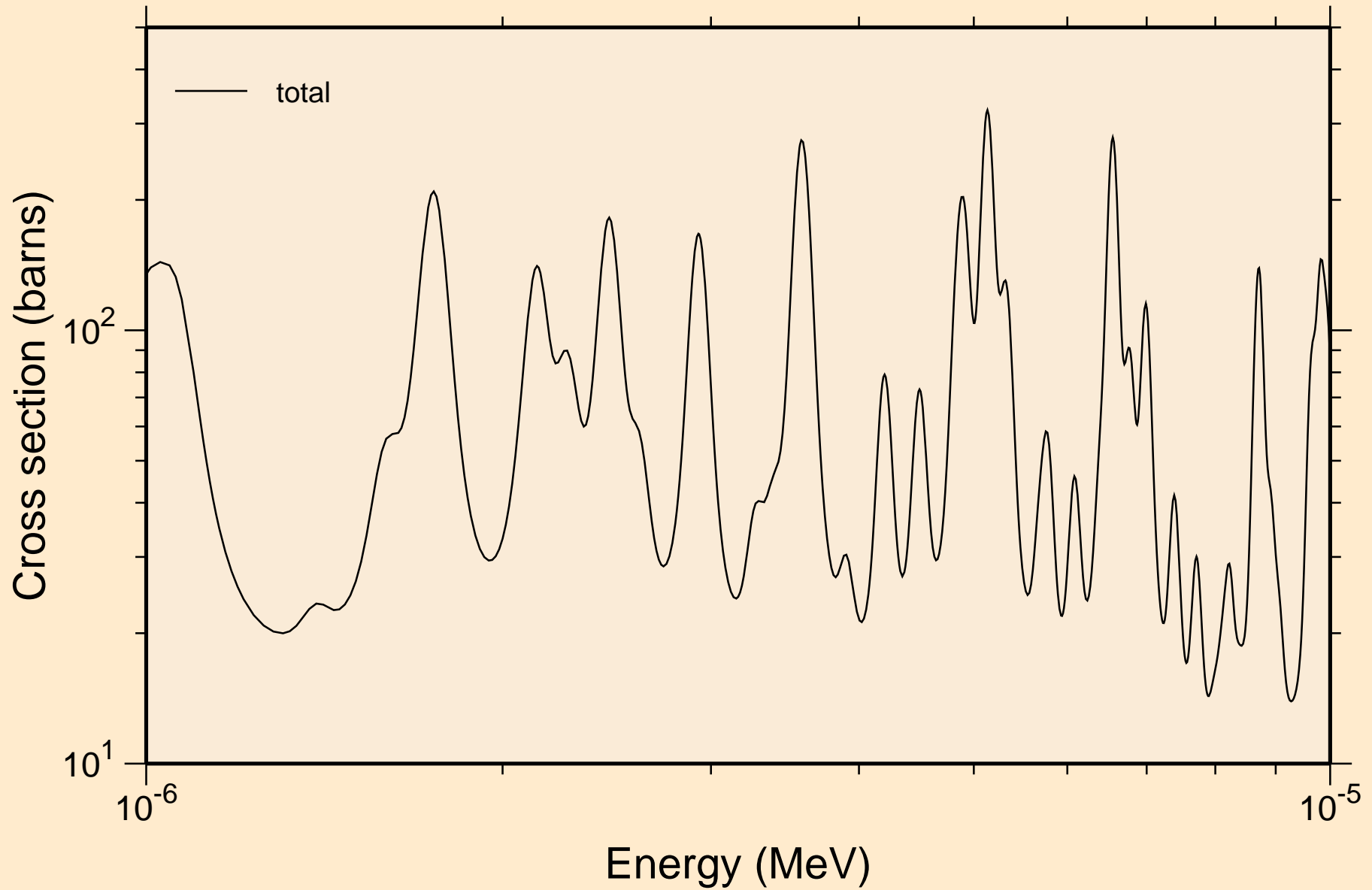
## Principal cross sections



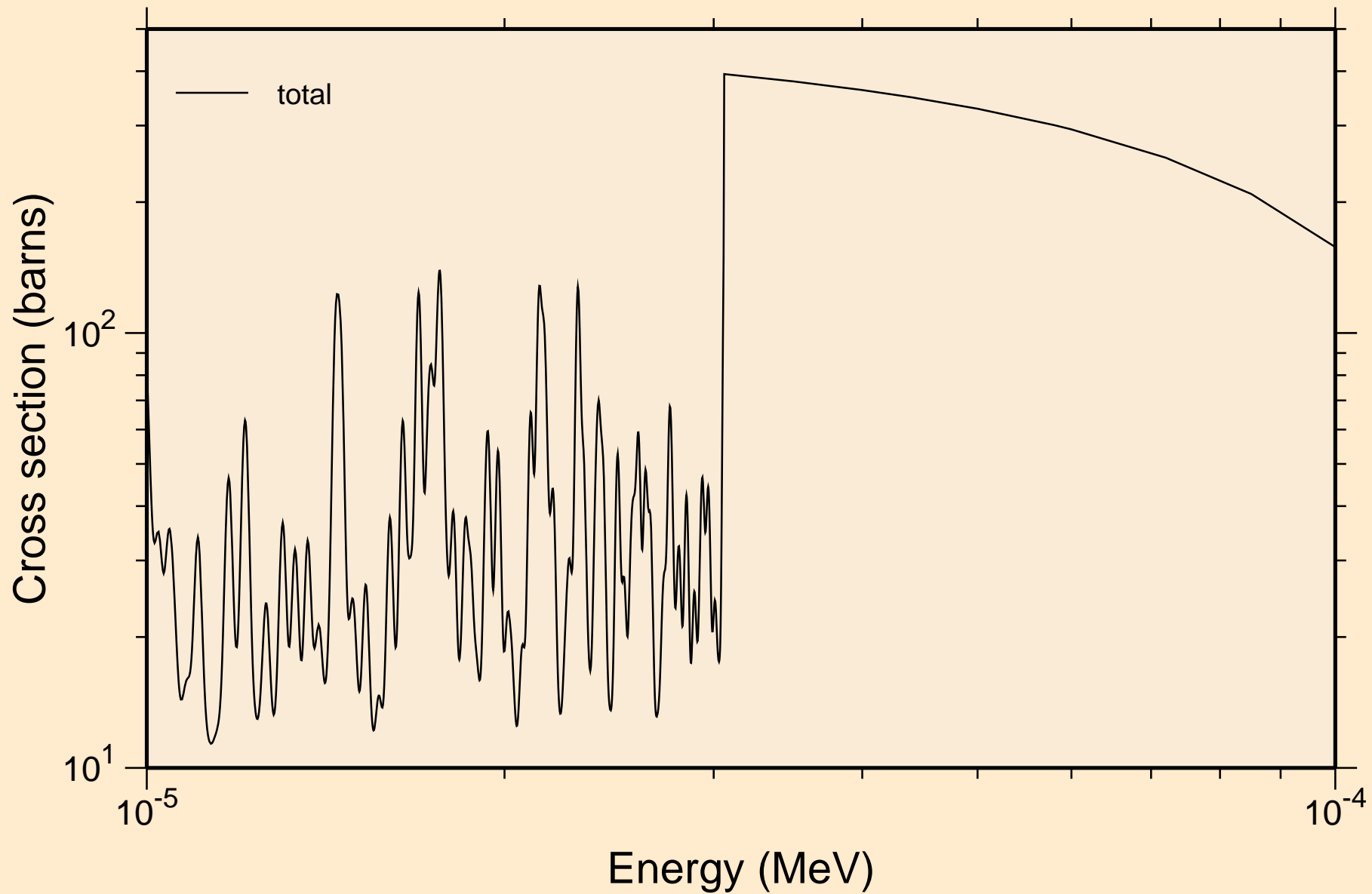
RE173 NRG TENDL-2015, AKONING  
resonance total cross section



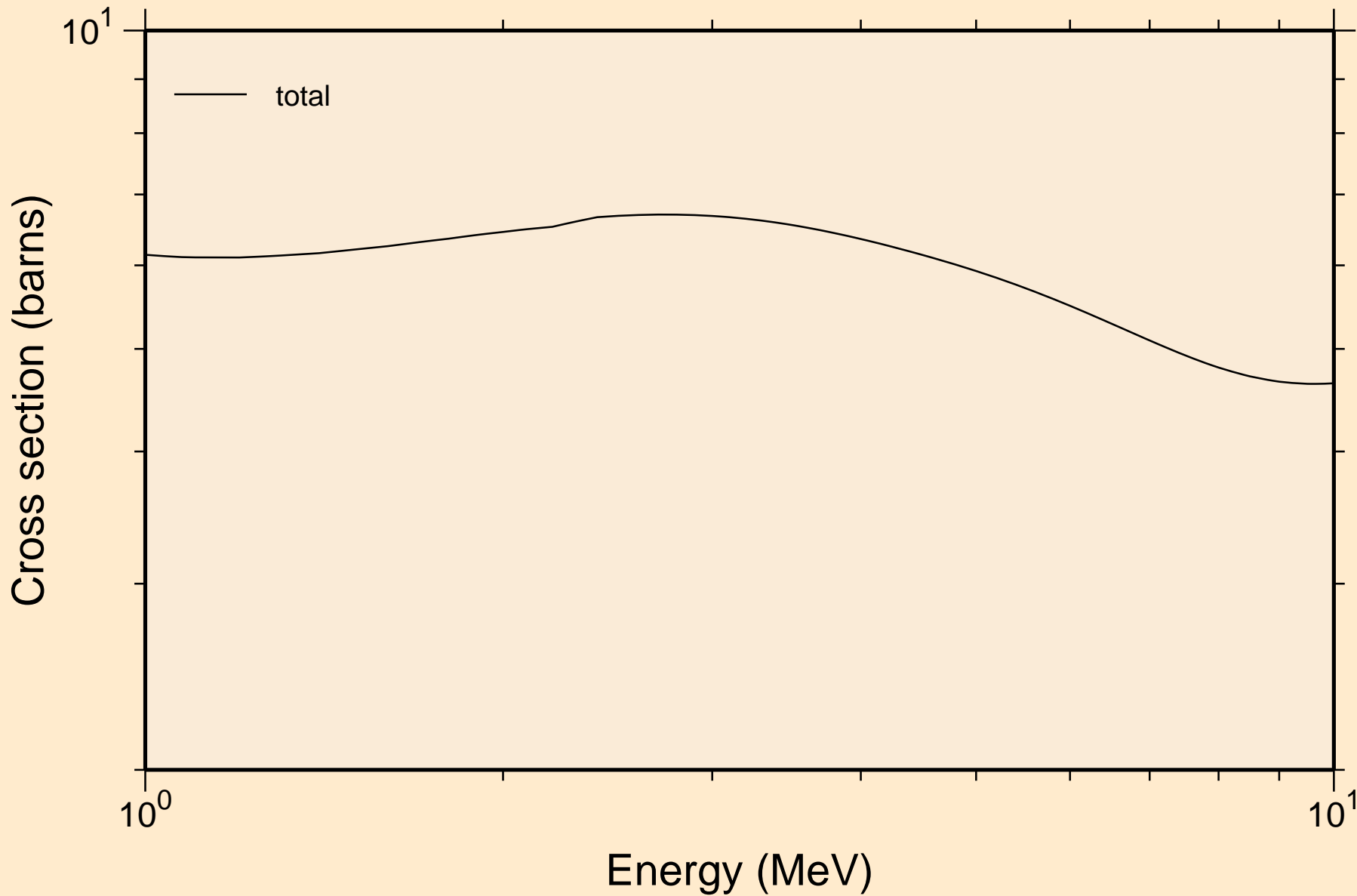
RE173 NRG TENDL-2015, AKONING  
resonance total cross section



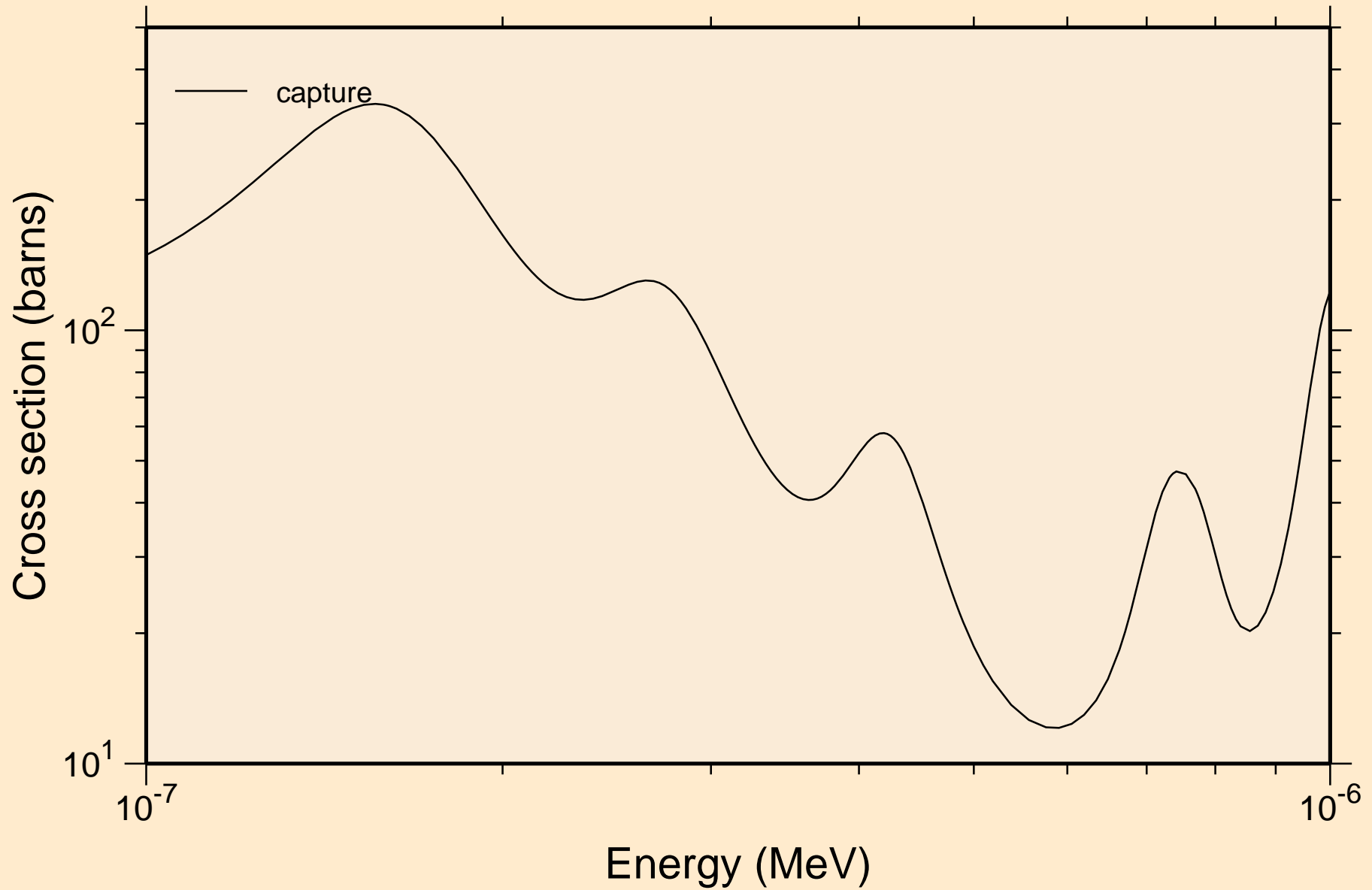
RE173 NRG TENDL-2015, AKONING  
resonance total cross section



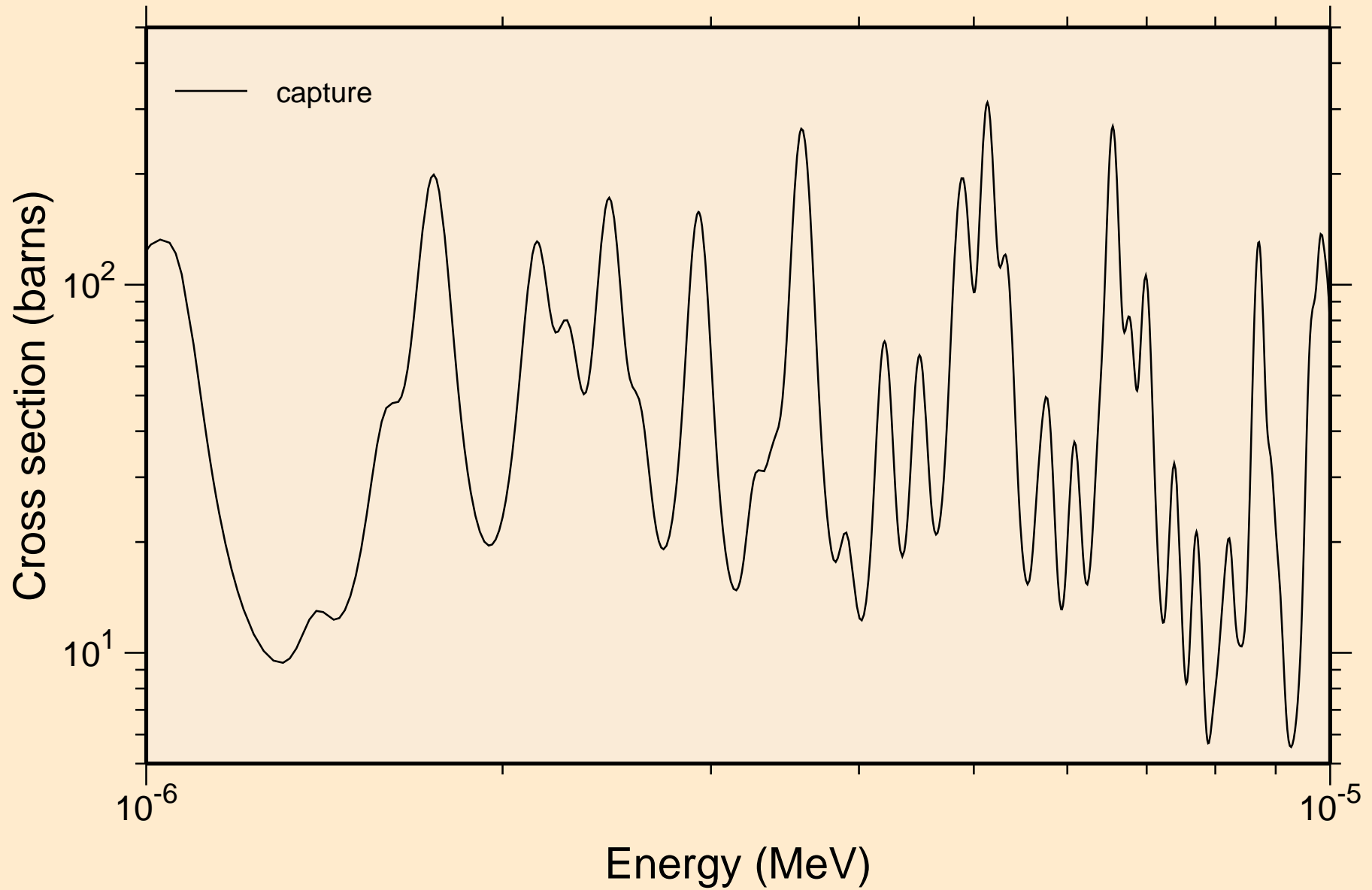
RE173 NRG TENDL-2015, AKONING  
resonance total cross section



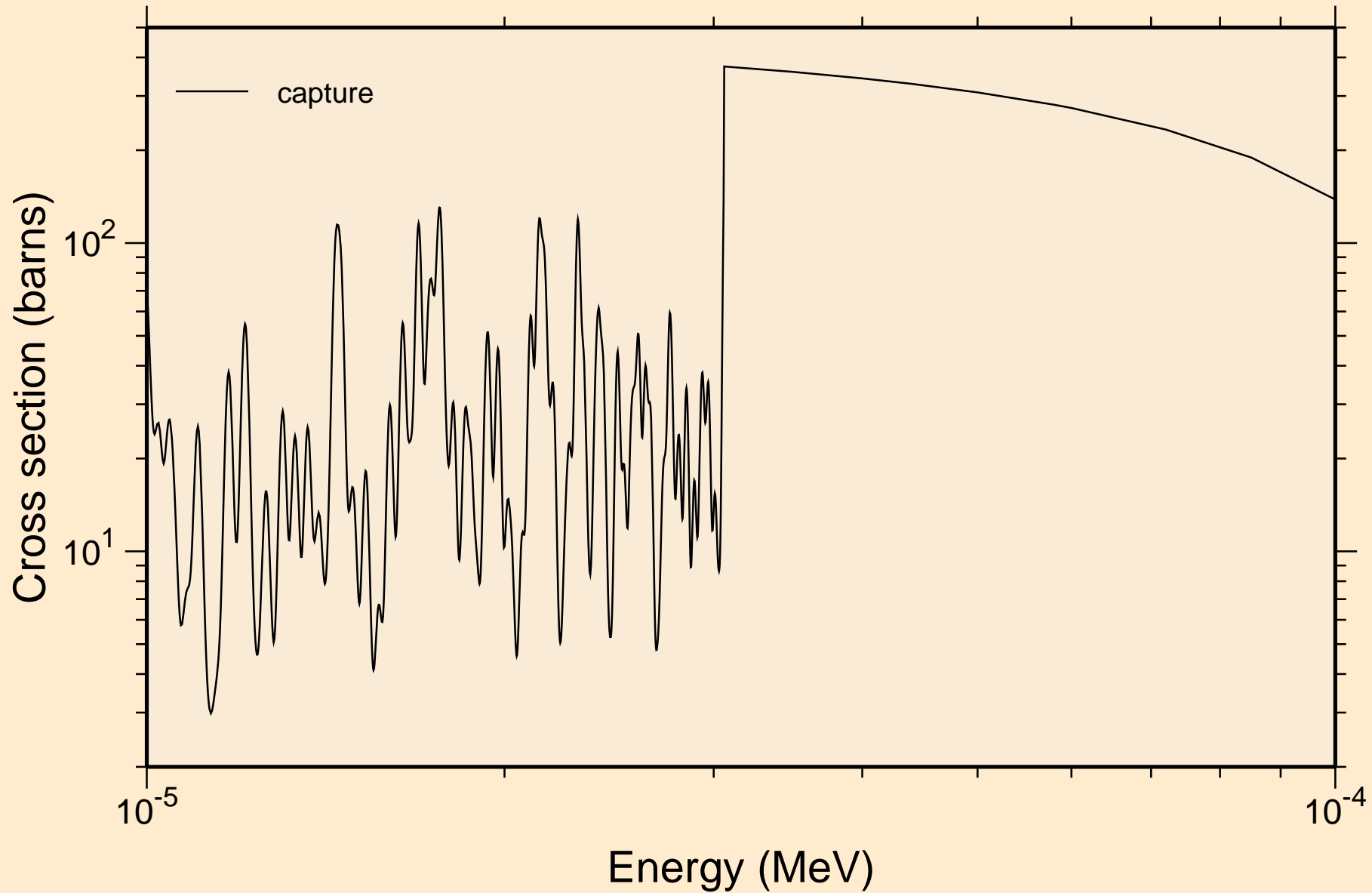
RE173 NRG TENDL-2015, AKONING  
resonance absorption cross sections



RE173 NRG TENDL-2015, AKONING  
resonance absorption cross sections

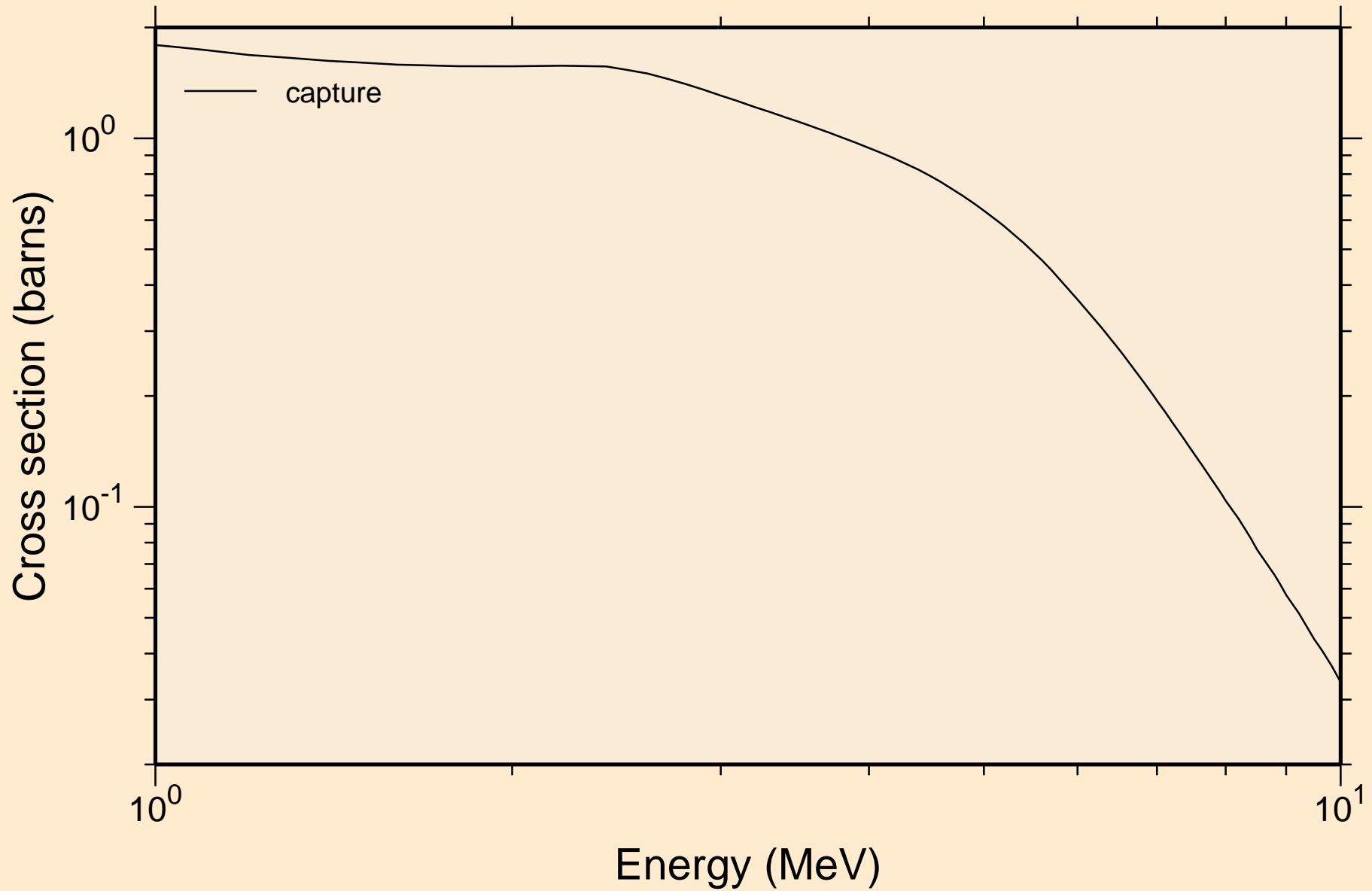


RE173 NRG TENDL-2015, AKONING  
resonance absorption cross sections



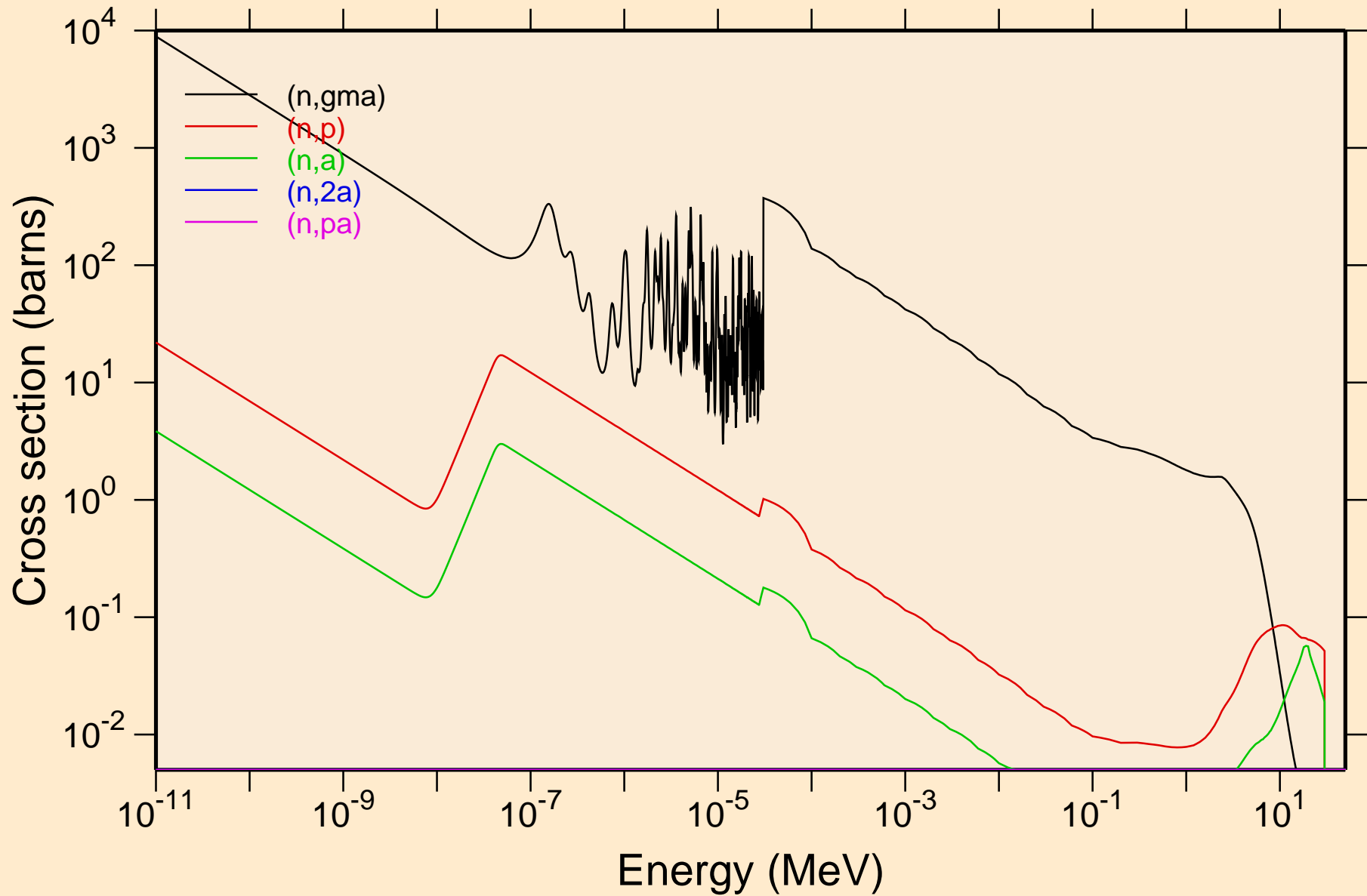


RE173 NRG TENDL-2015, AKONING  
resonance absorption cross sections



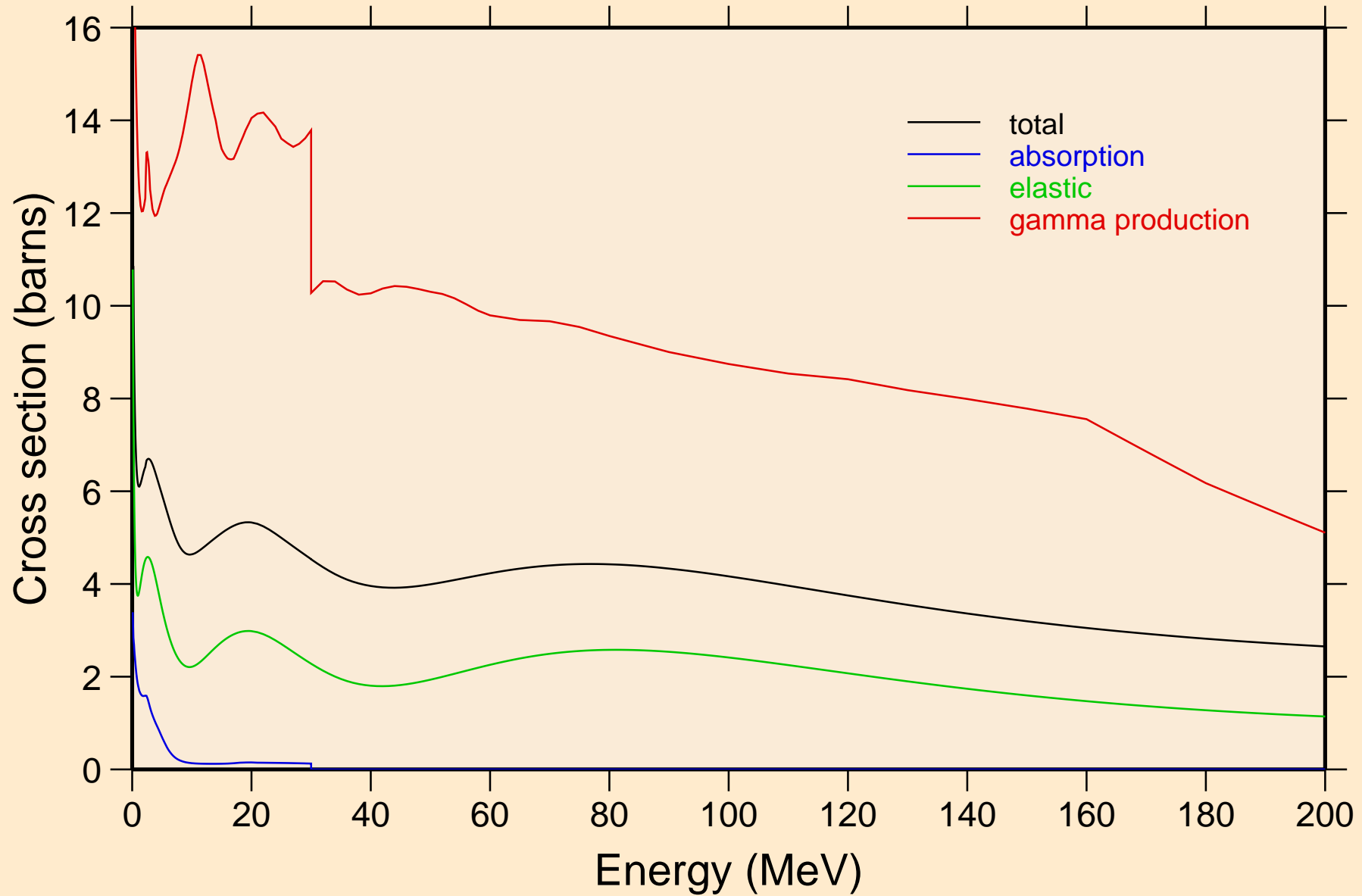
# RE173 NRG TENDL-2015, AKONING

## Non-threshold reactions



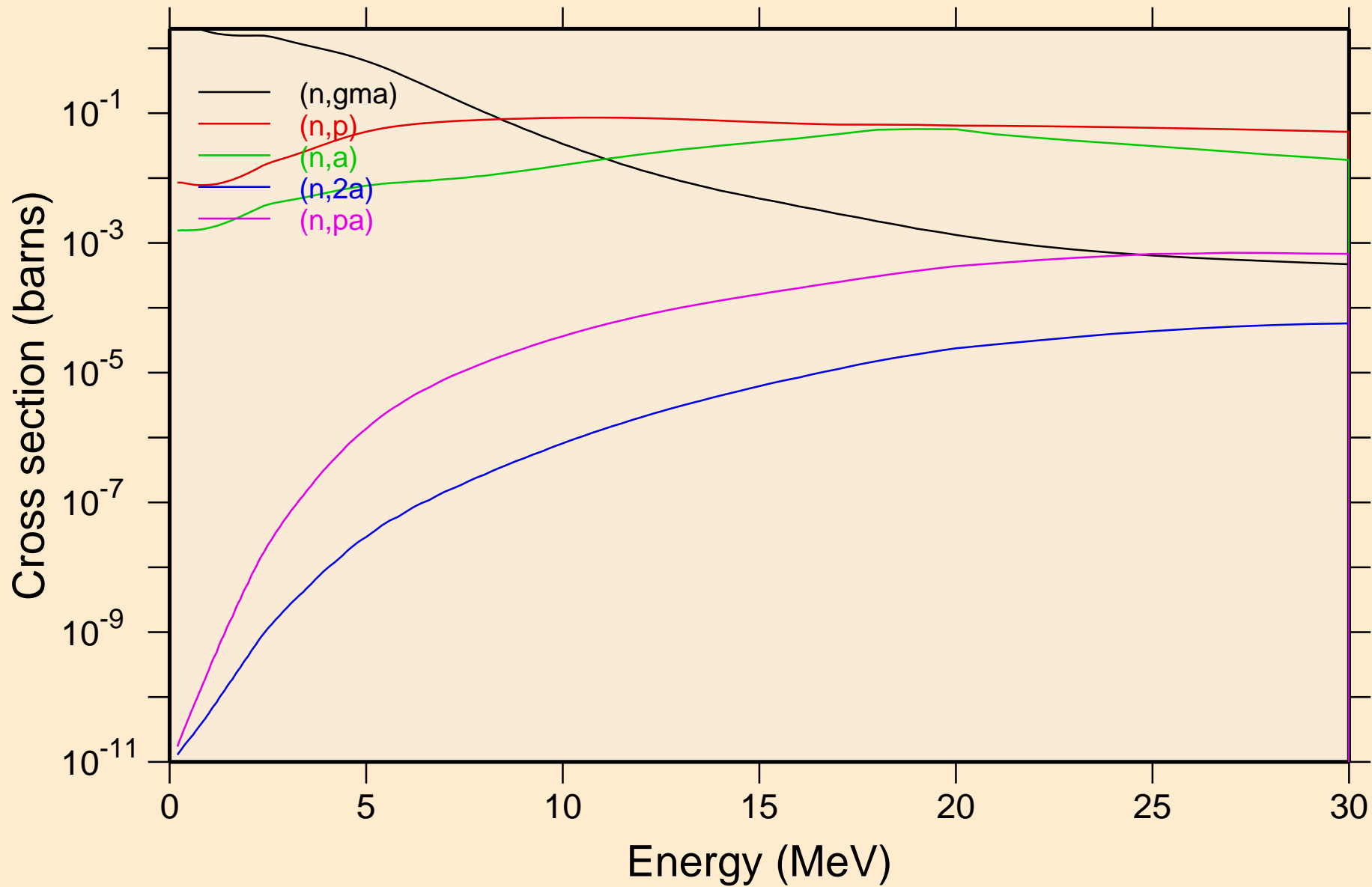
# RE173 NRG TENDL-2015, AKONING

## Principal cross sections



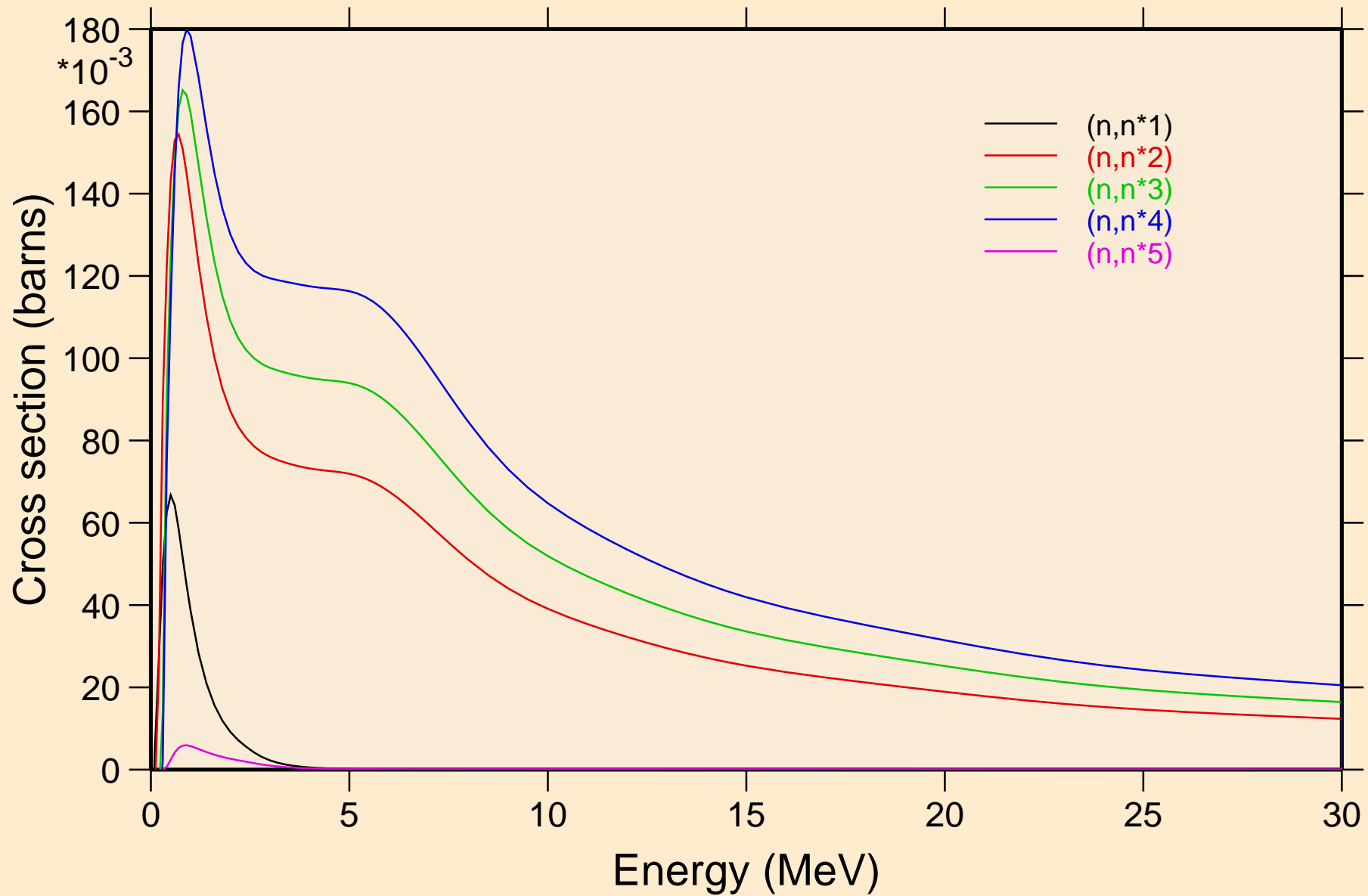
# RE173 NRG TENDL-2015, AKONING

## Non-threshold reactions



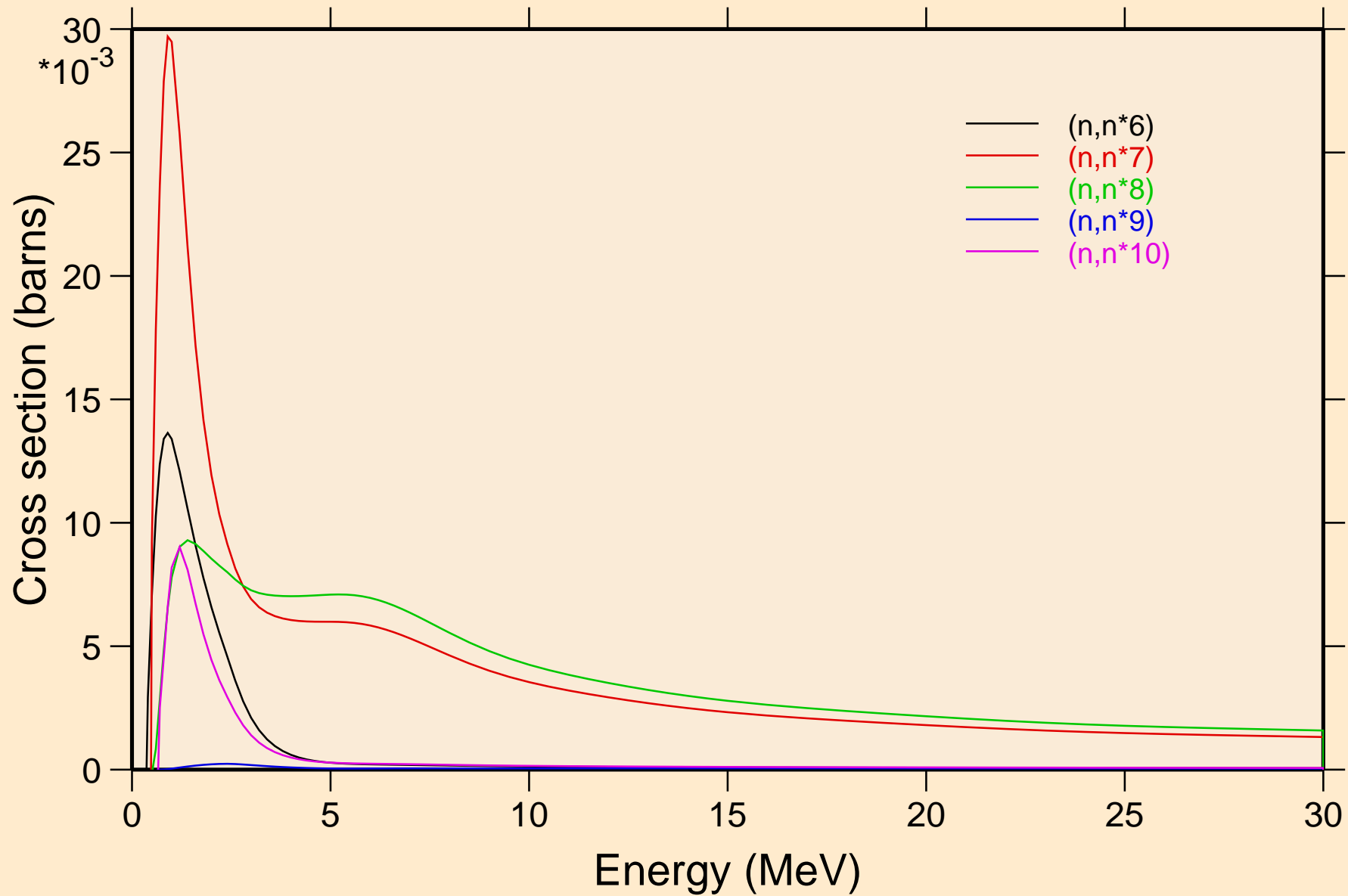
# RE173 NRG TENDL-2015, AKONING

## Inelastic levels

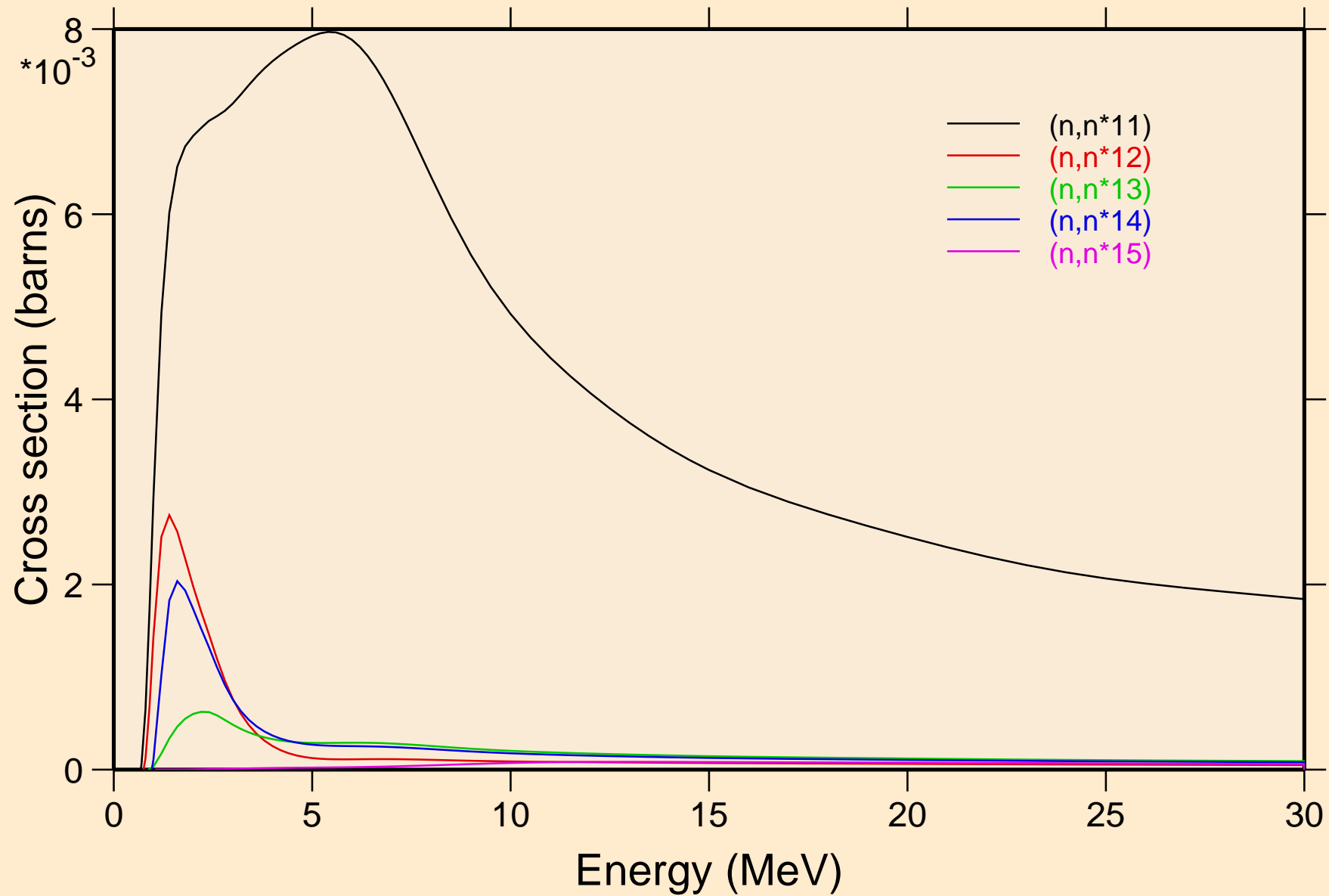


# RE173 NRG TENDL-2015, AKONING

## Inelastic levels

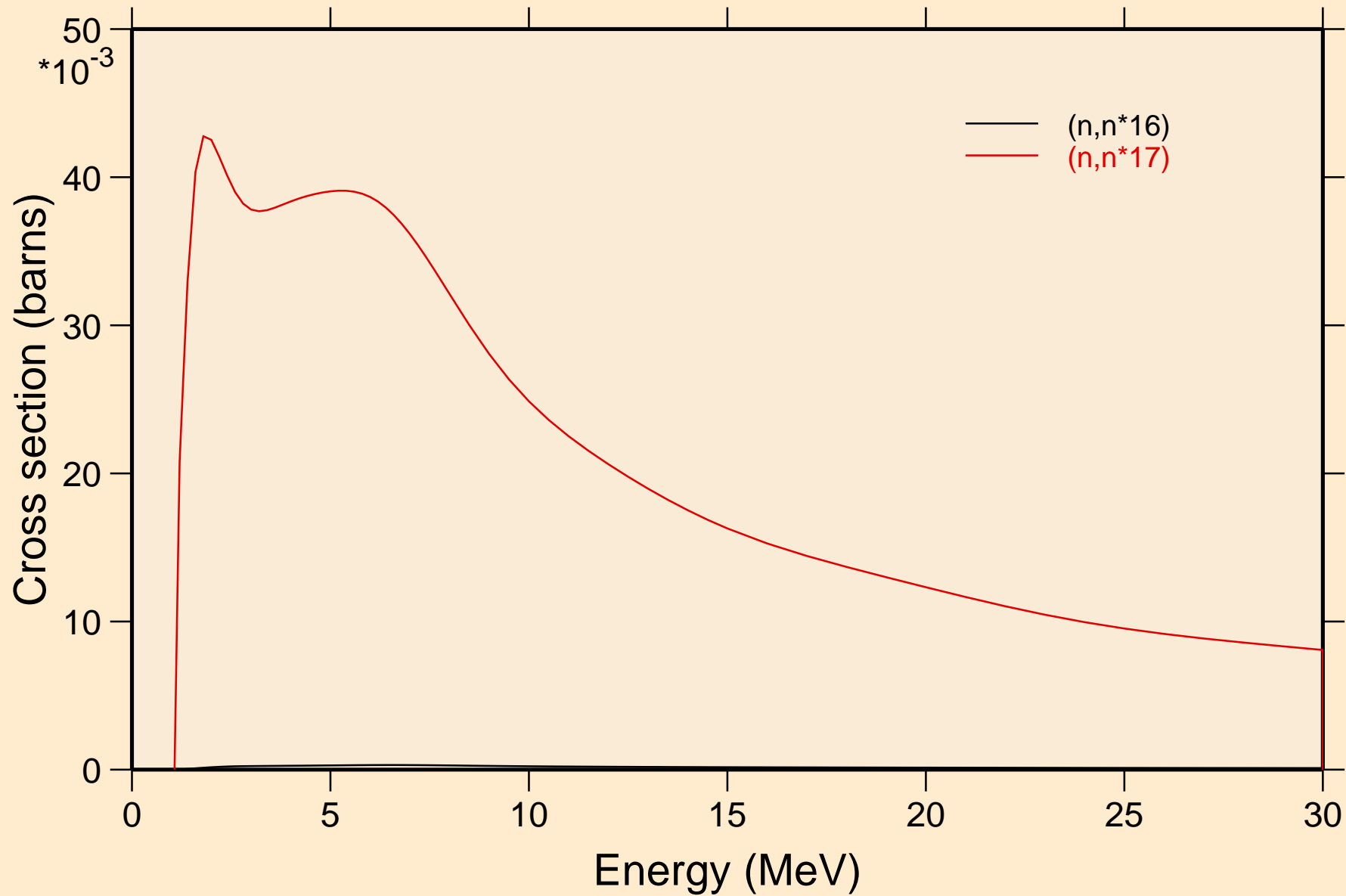


RE173 NRG TENDL-2015, AKONING  
Inelastic levels



# RE173 NRG TENDL-2015, AKONING

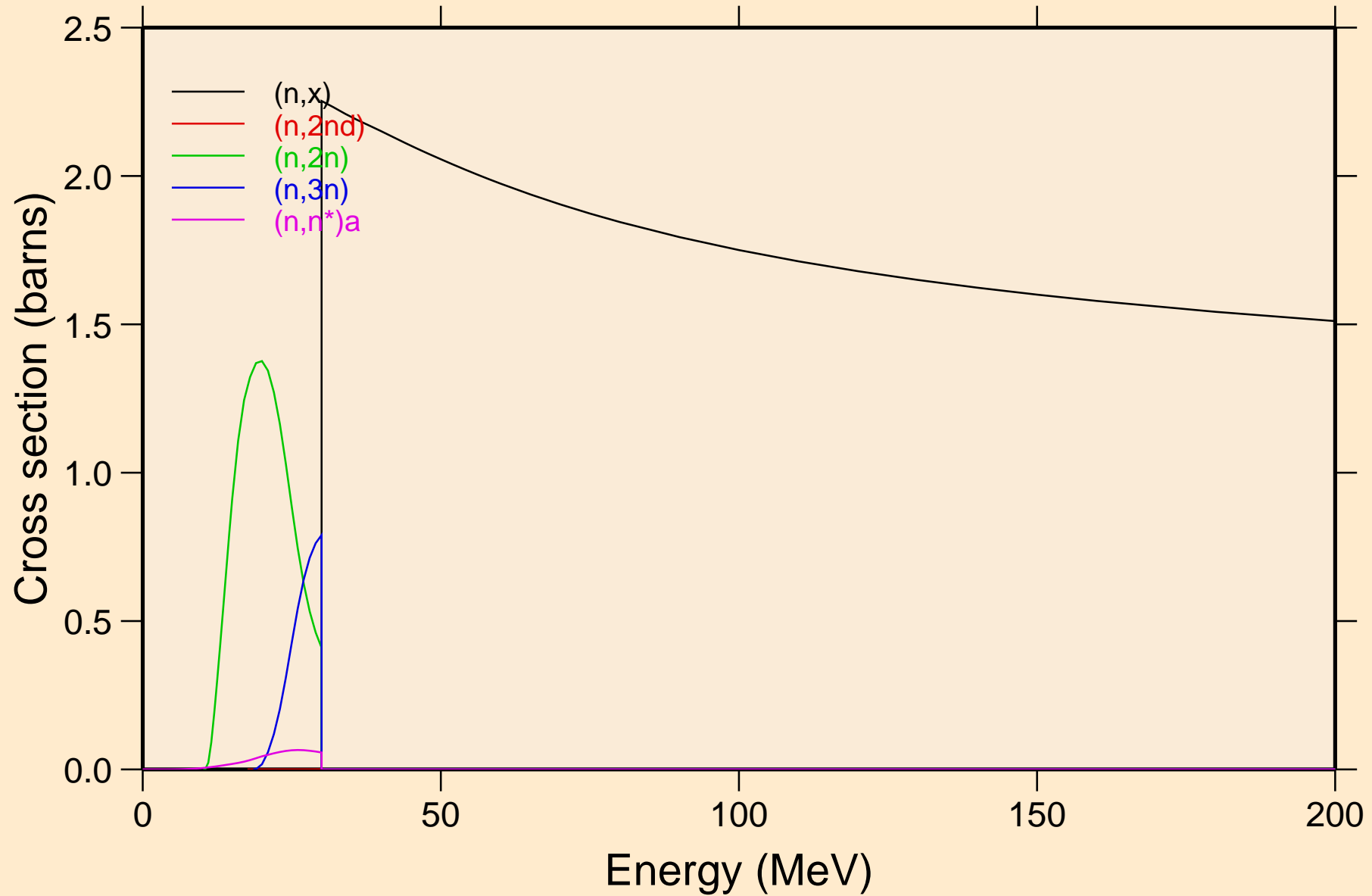
## Inelastic levels





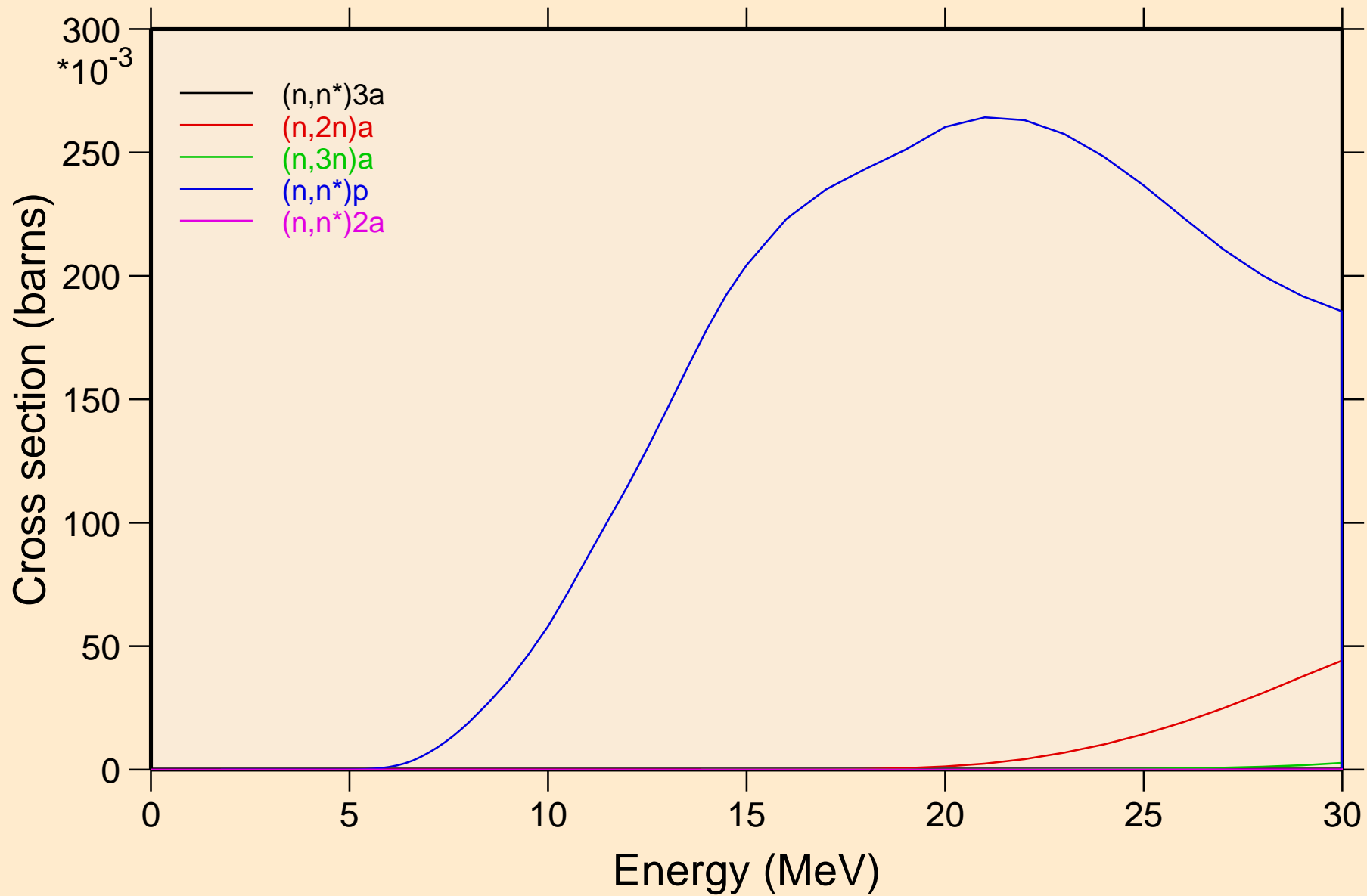
# RE173 NRG TENDL-2015, AKONING

## Threshold reactions



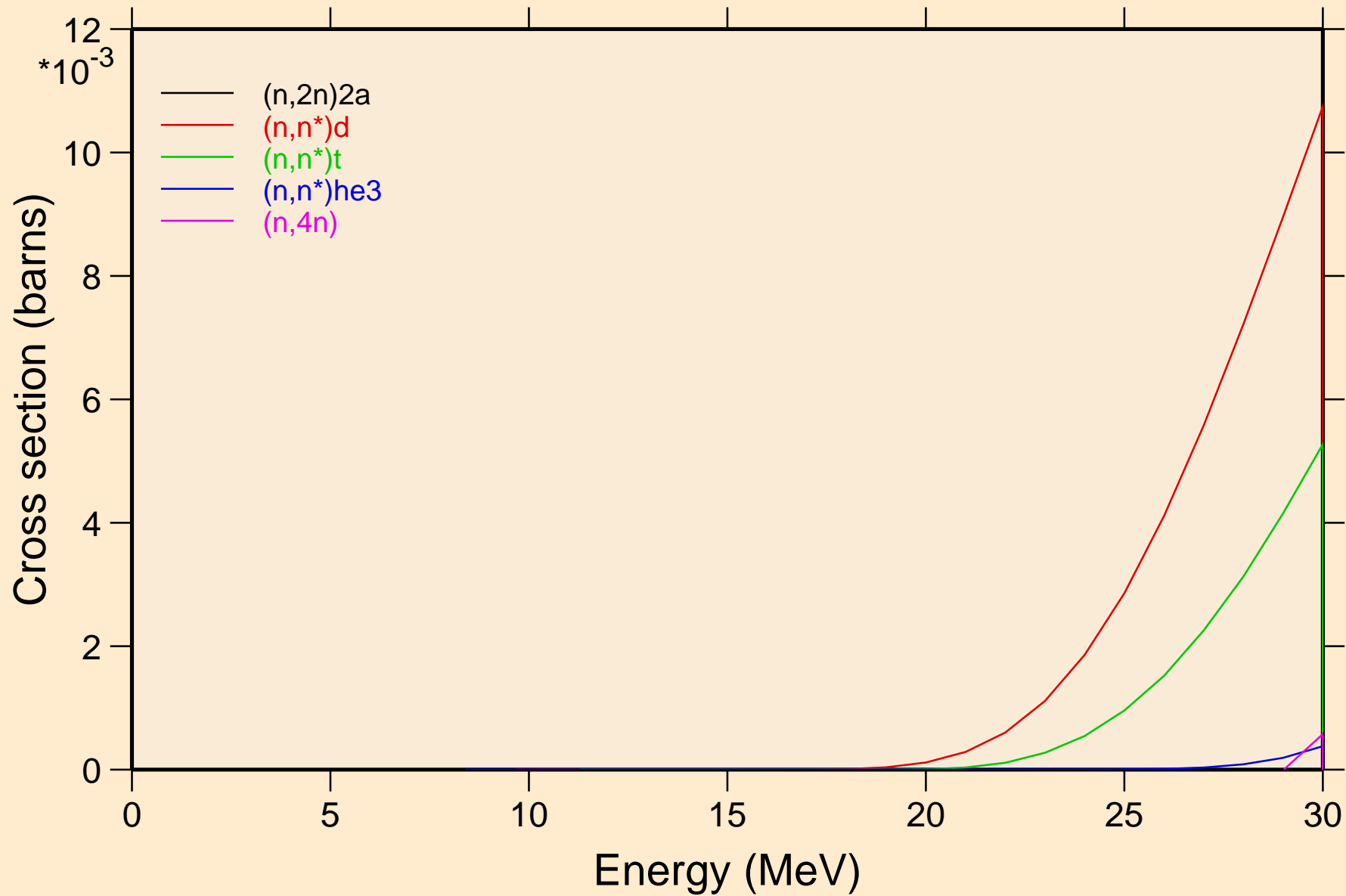
# RE173 NRG TENDL-2015, AKONING

## Threshold reactions



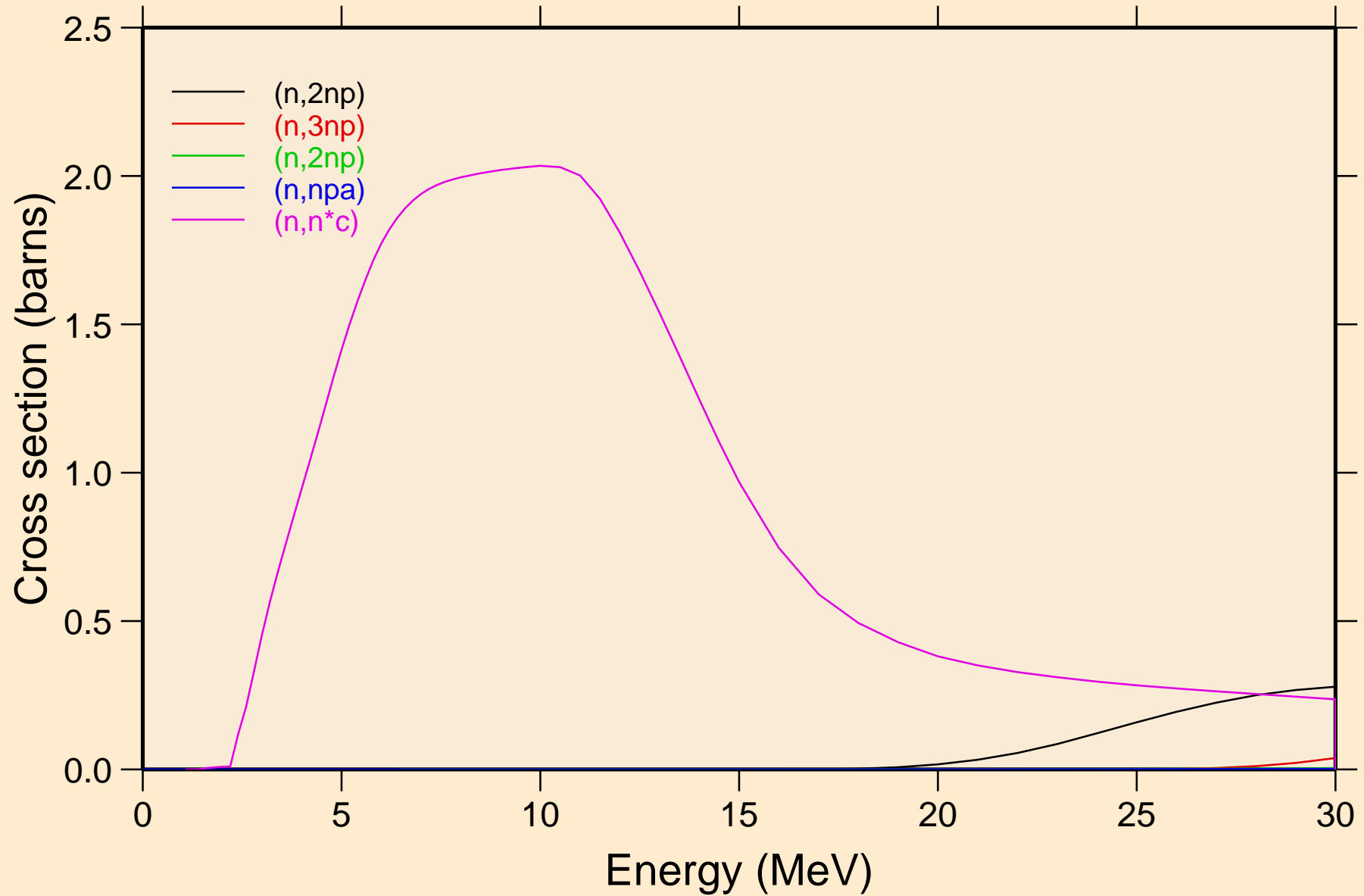
# RE173 NRG TENDL-2015, AKONING

## Threshold reactions



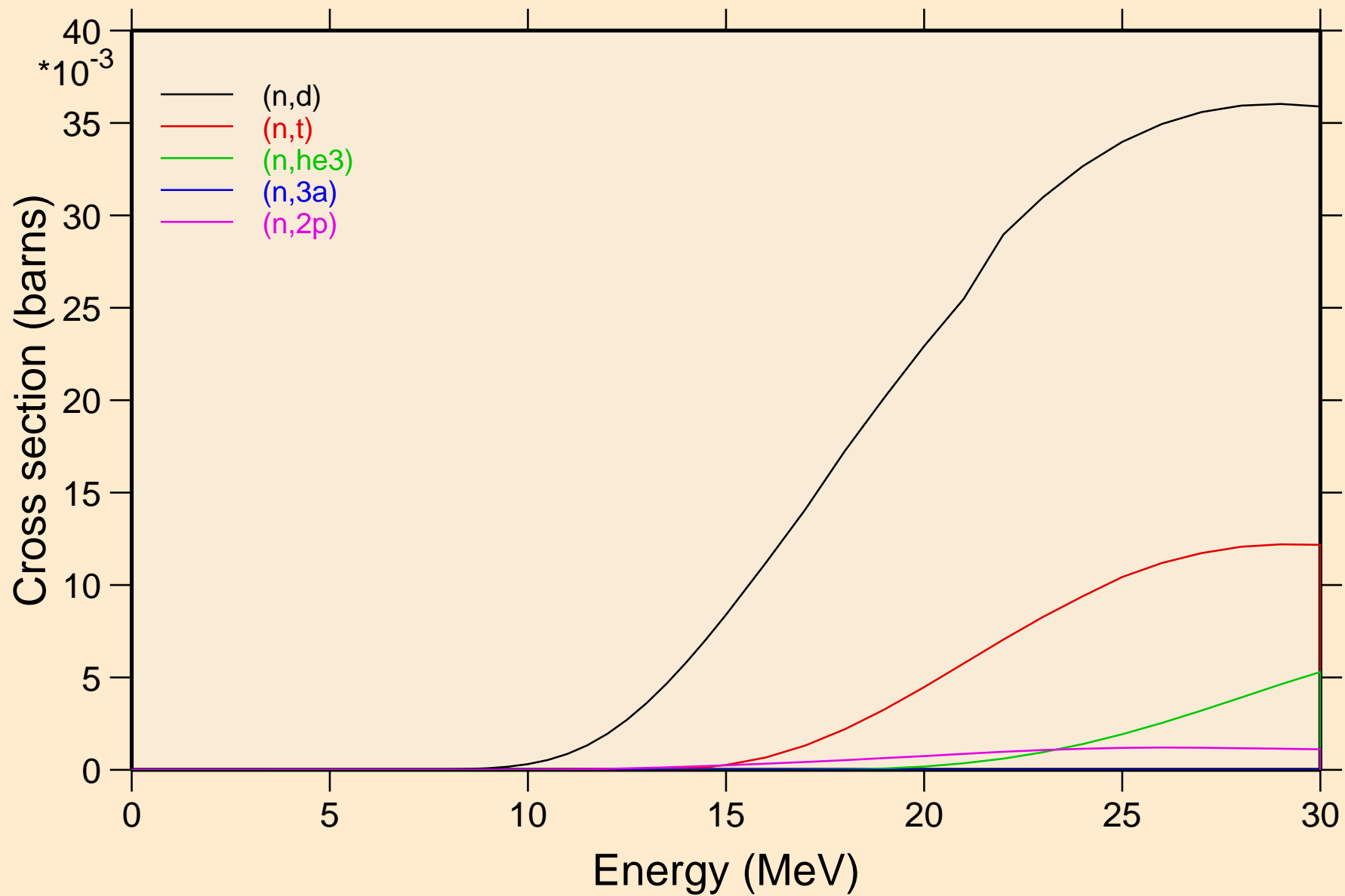
# RE173 NRG TENDL-2015, AKONING

## Threshold reactions



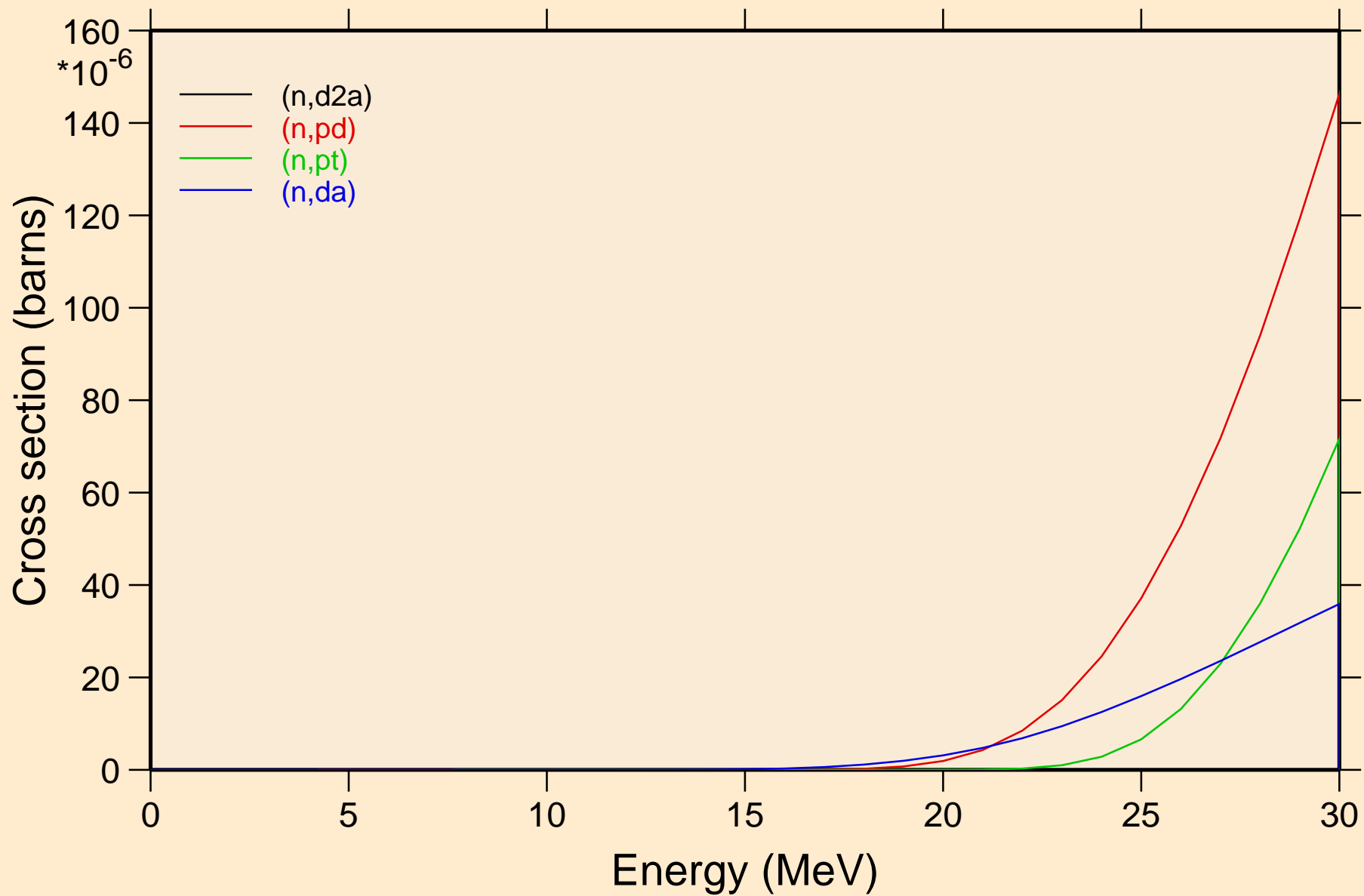
# RE173 NRG TENDL-2015, AKONING

## Threshold reactions

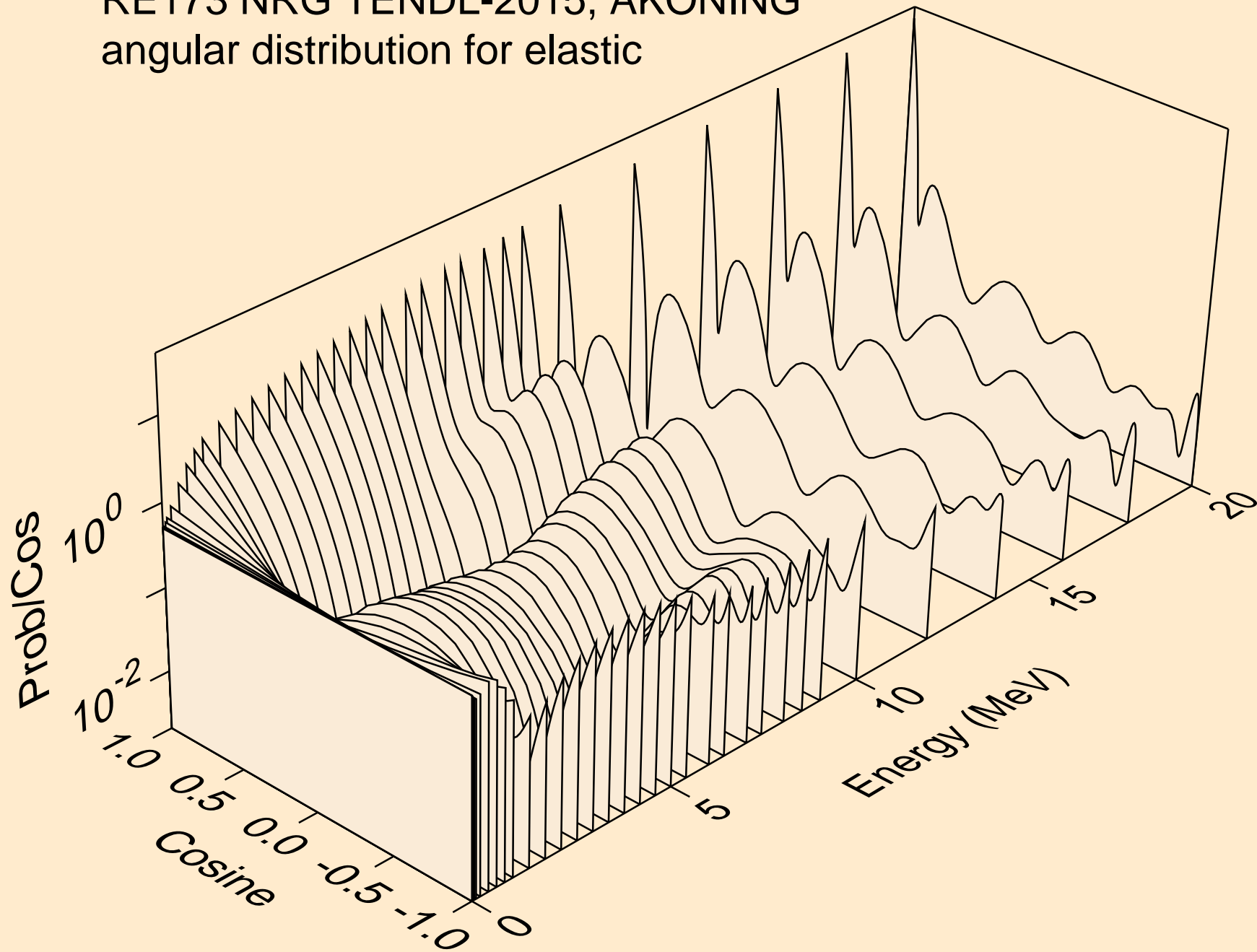


# RE173 NRG TENDL-2015, AKONING

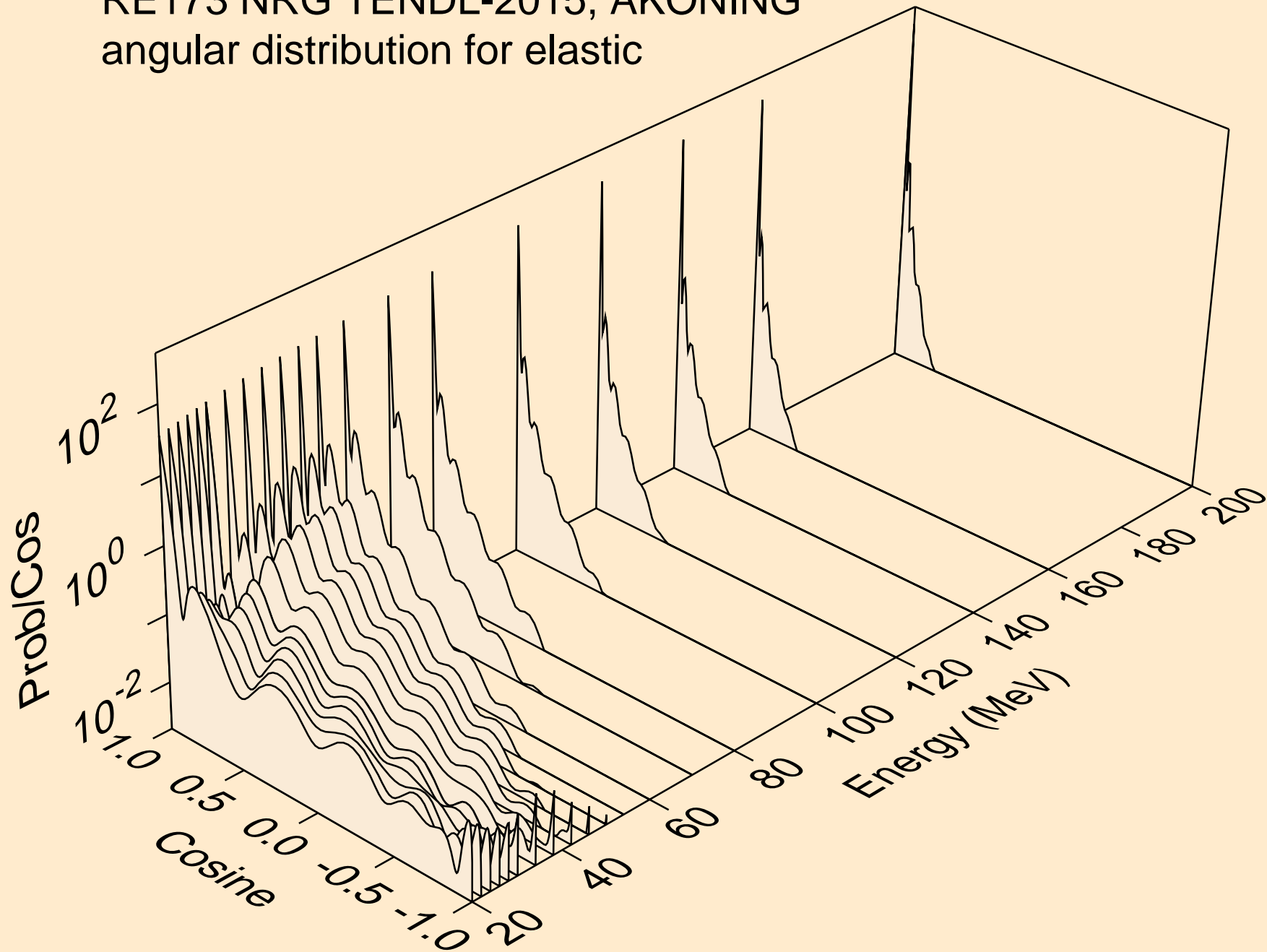
## Threshold reactions



RE173 NRG TENDL-2015, AKONING  
angular distribution for elastic

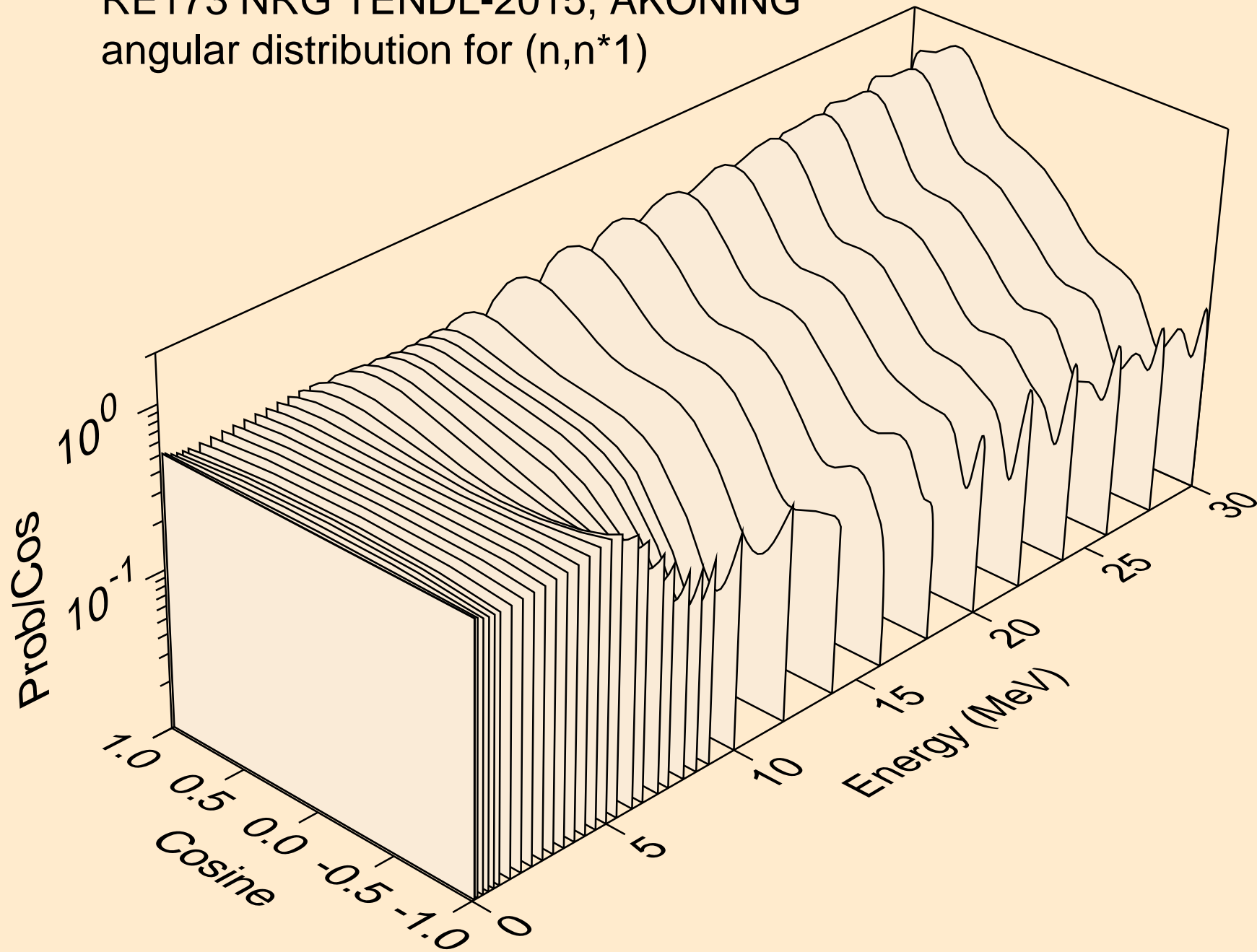


RE173 NRG TENDL-2015, AKONING  
angular distribution for elastic

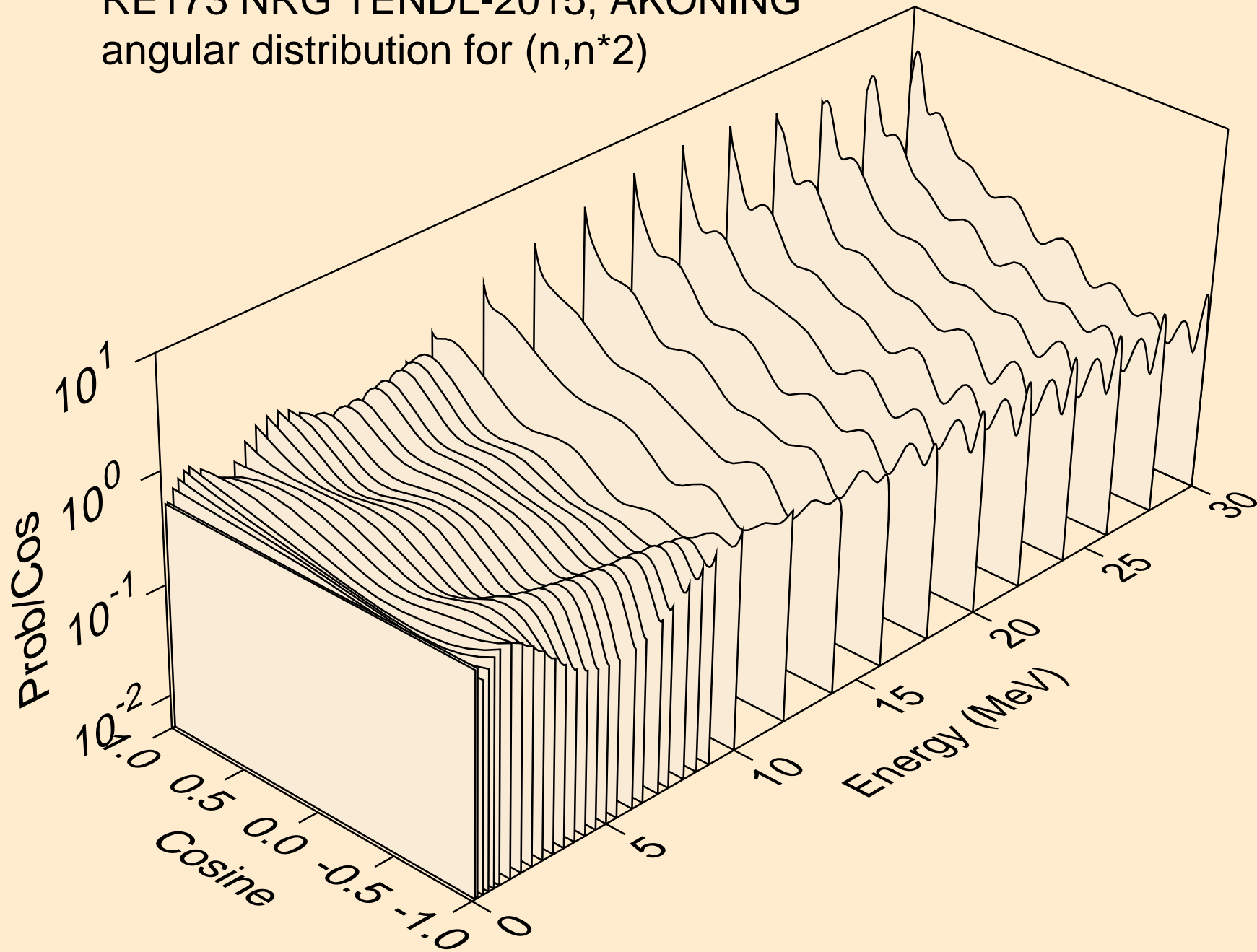




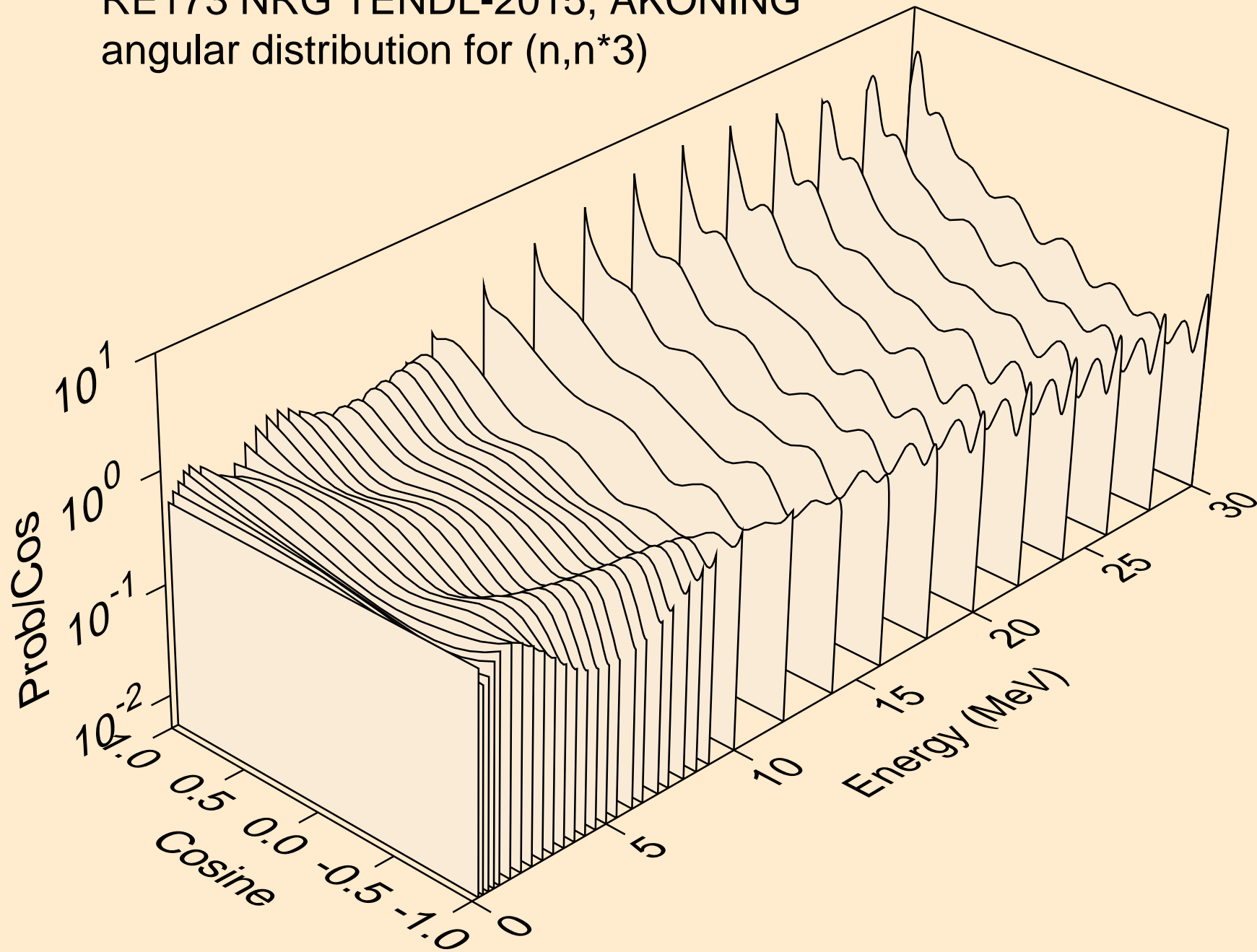
RE173 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



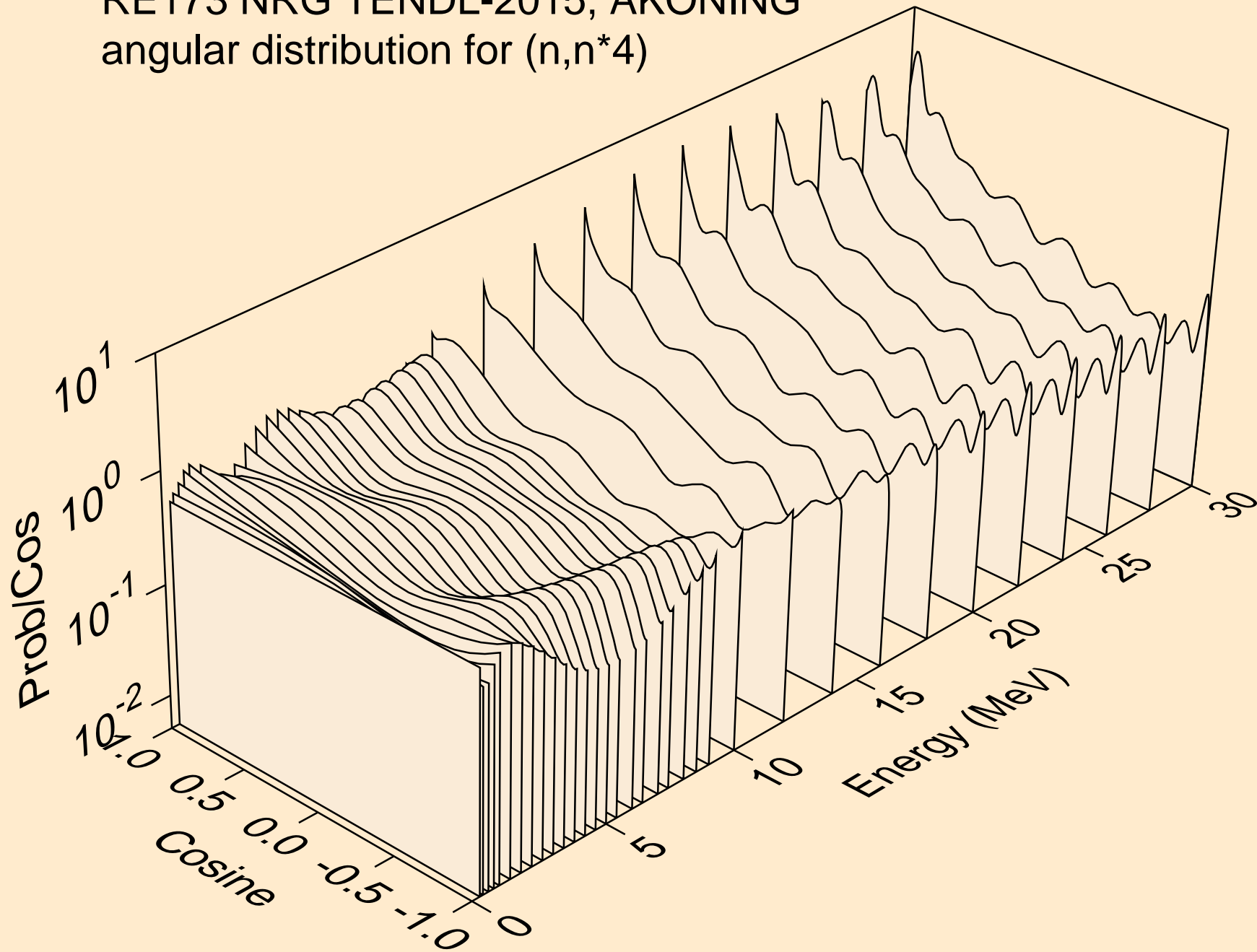
RE173 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



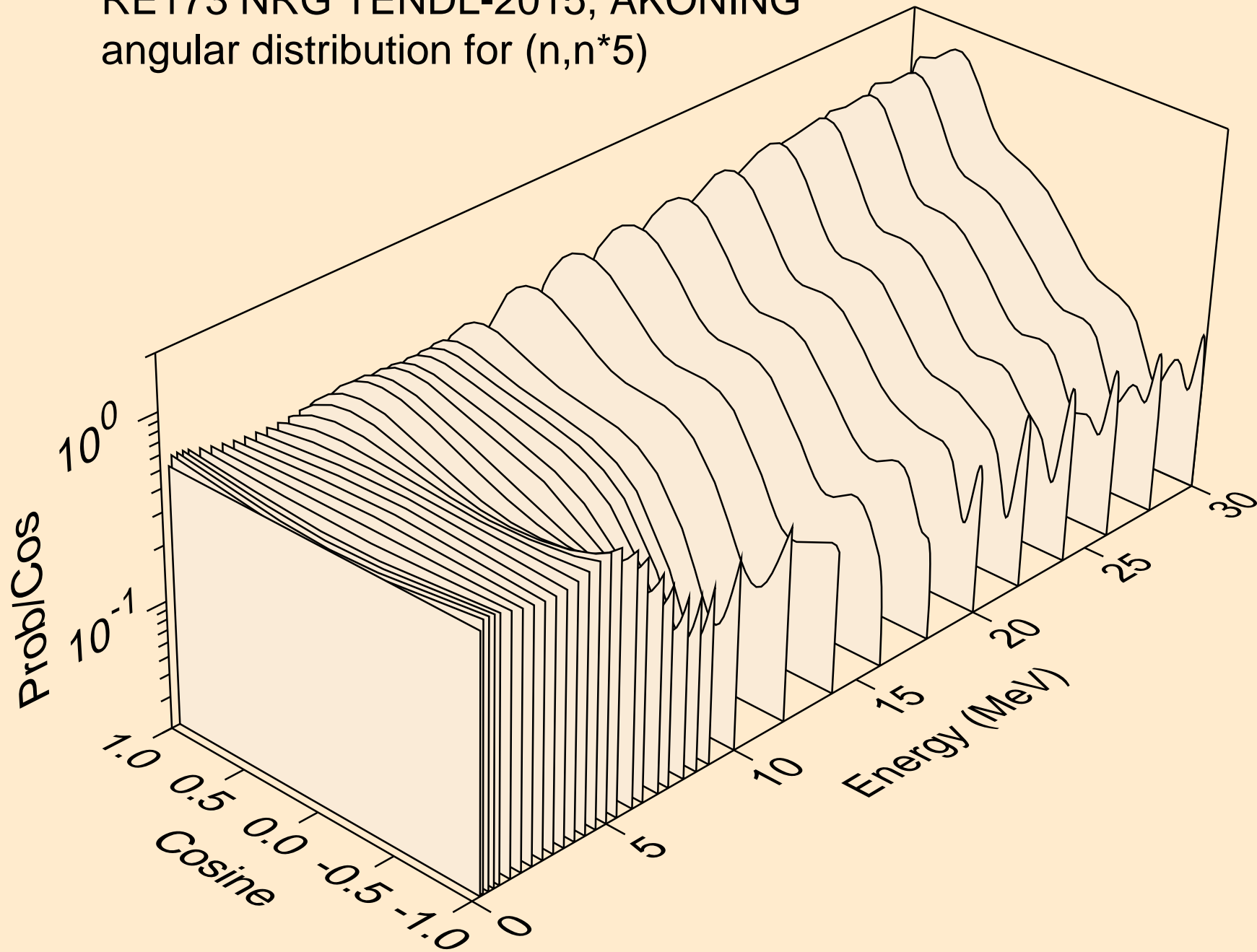
RE173 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



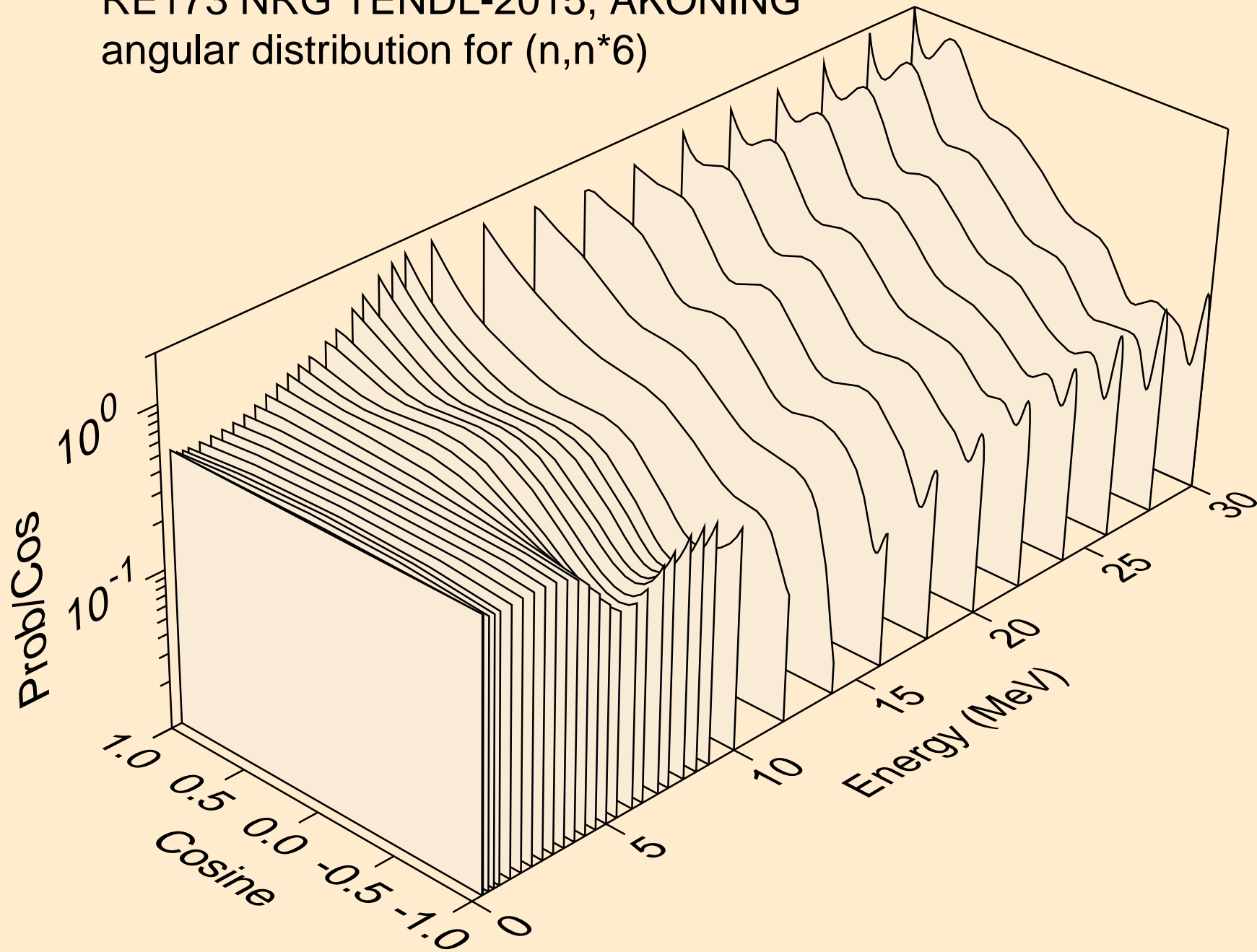
RE173 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



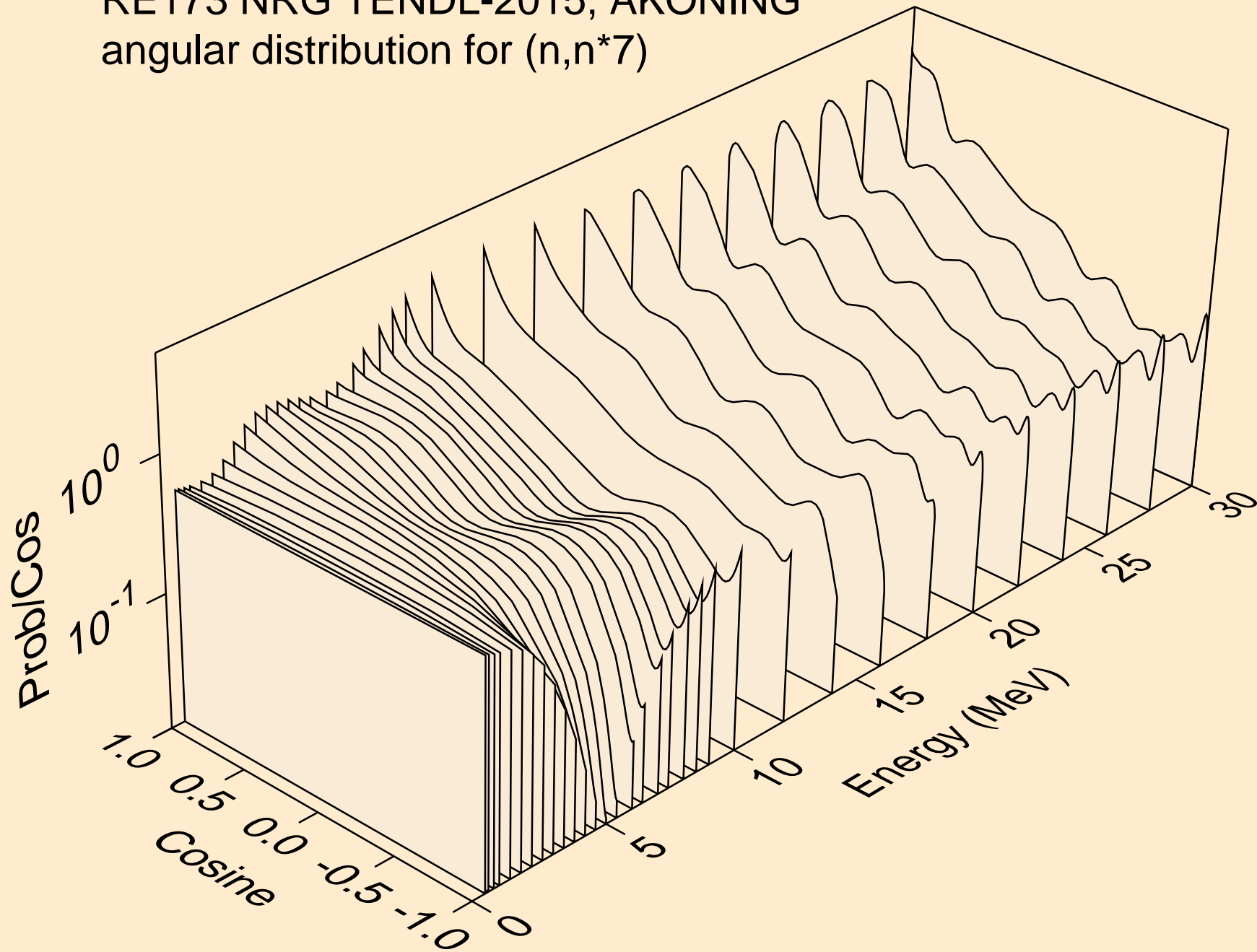
RE173 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



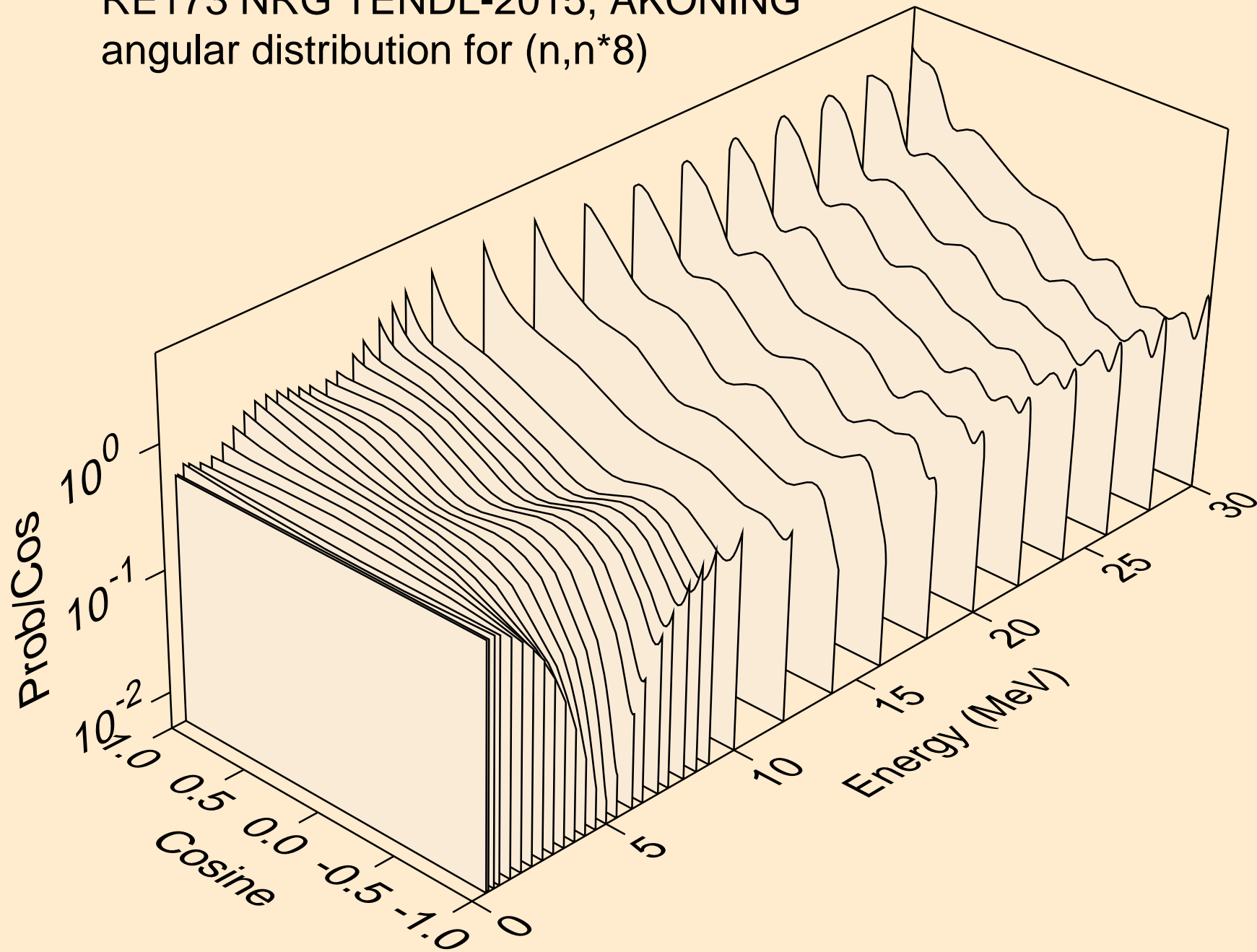
RE173 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



RE173 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

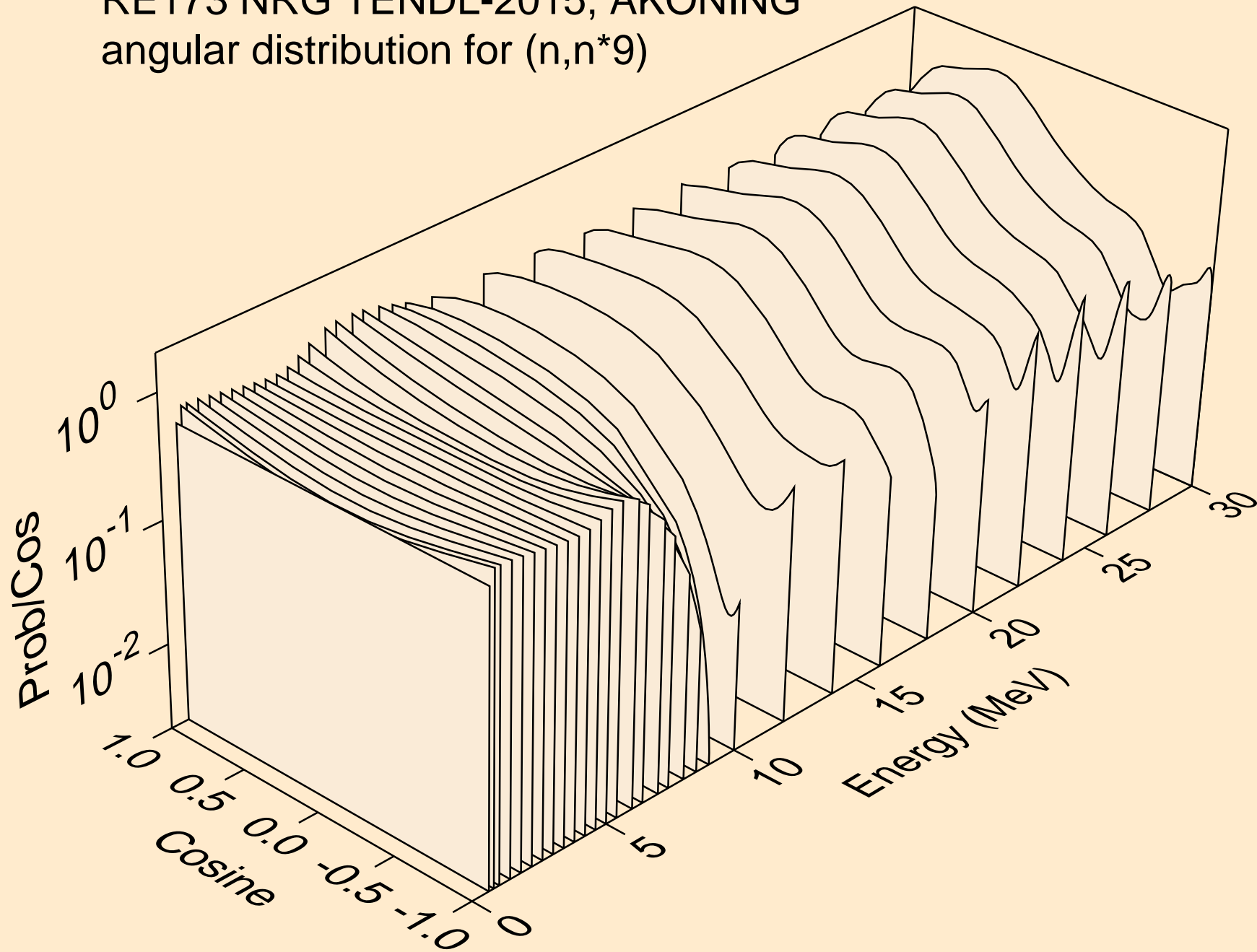


RE173 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

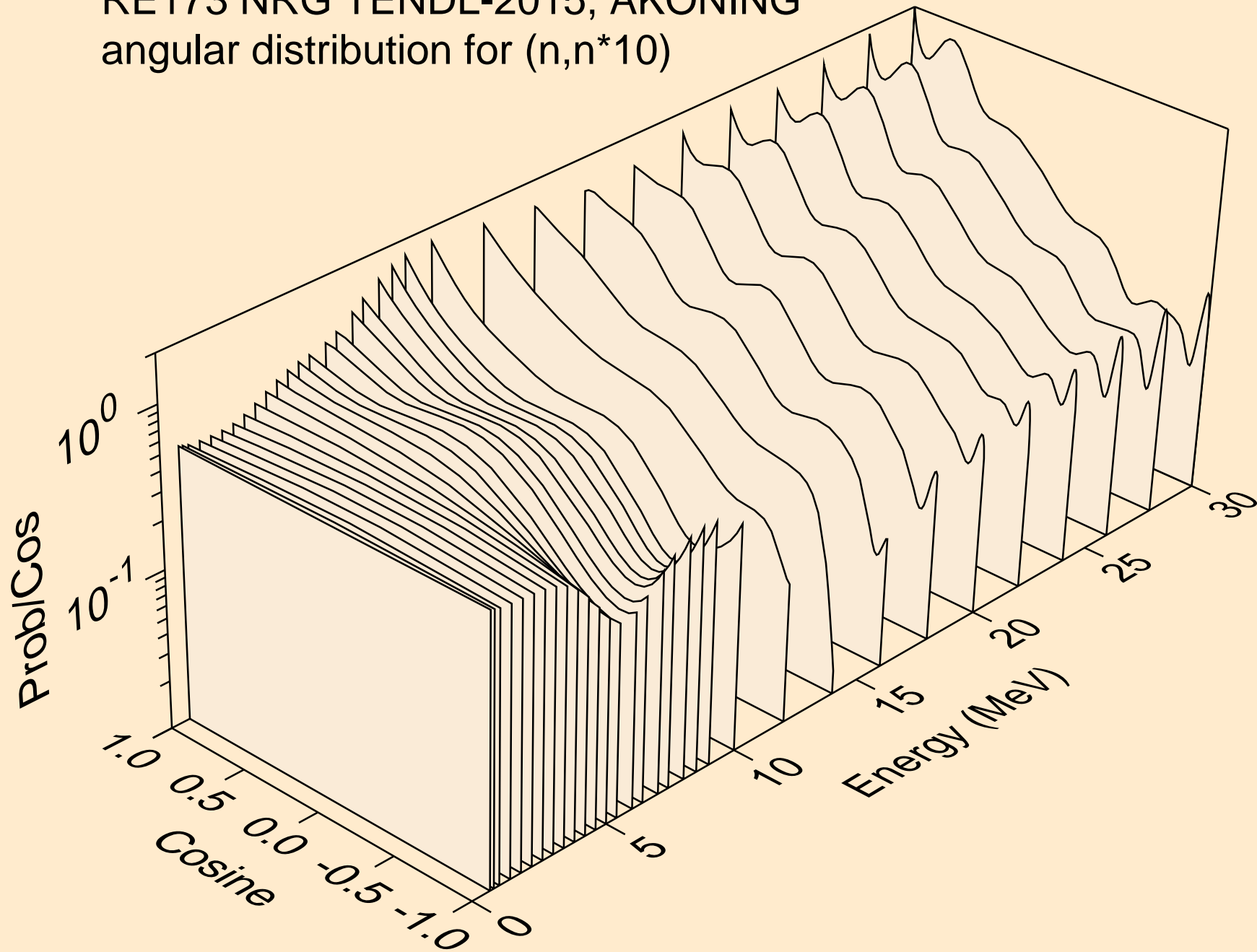




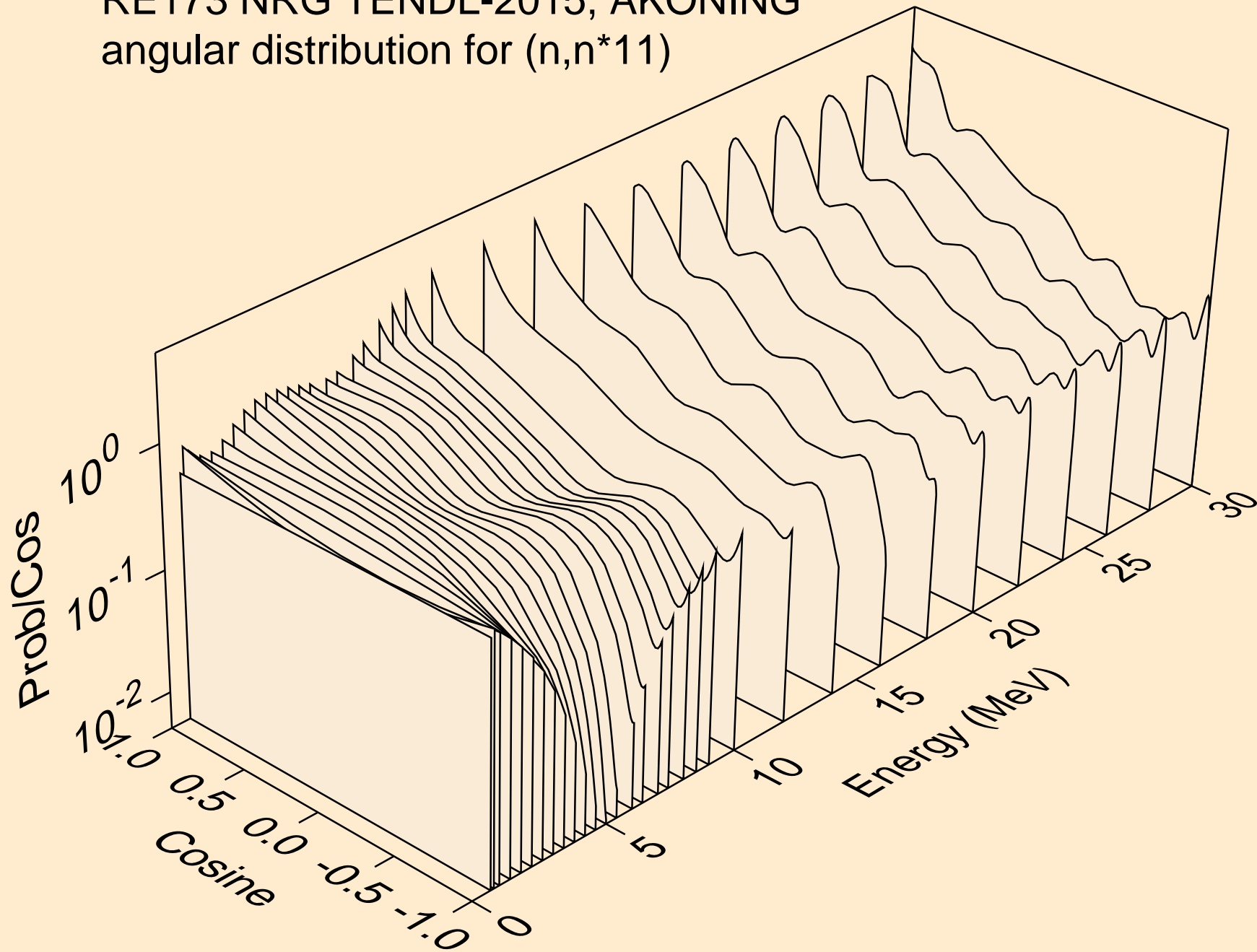
RE173 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



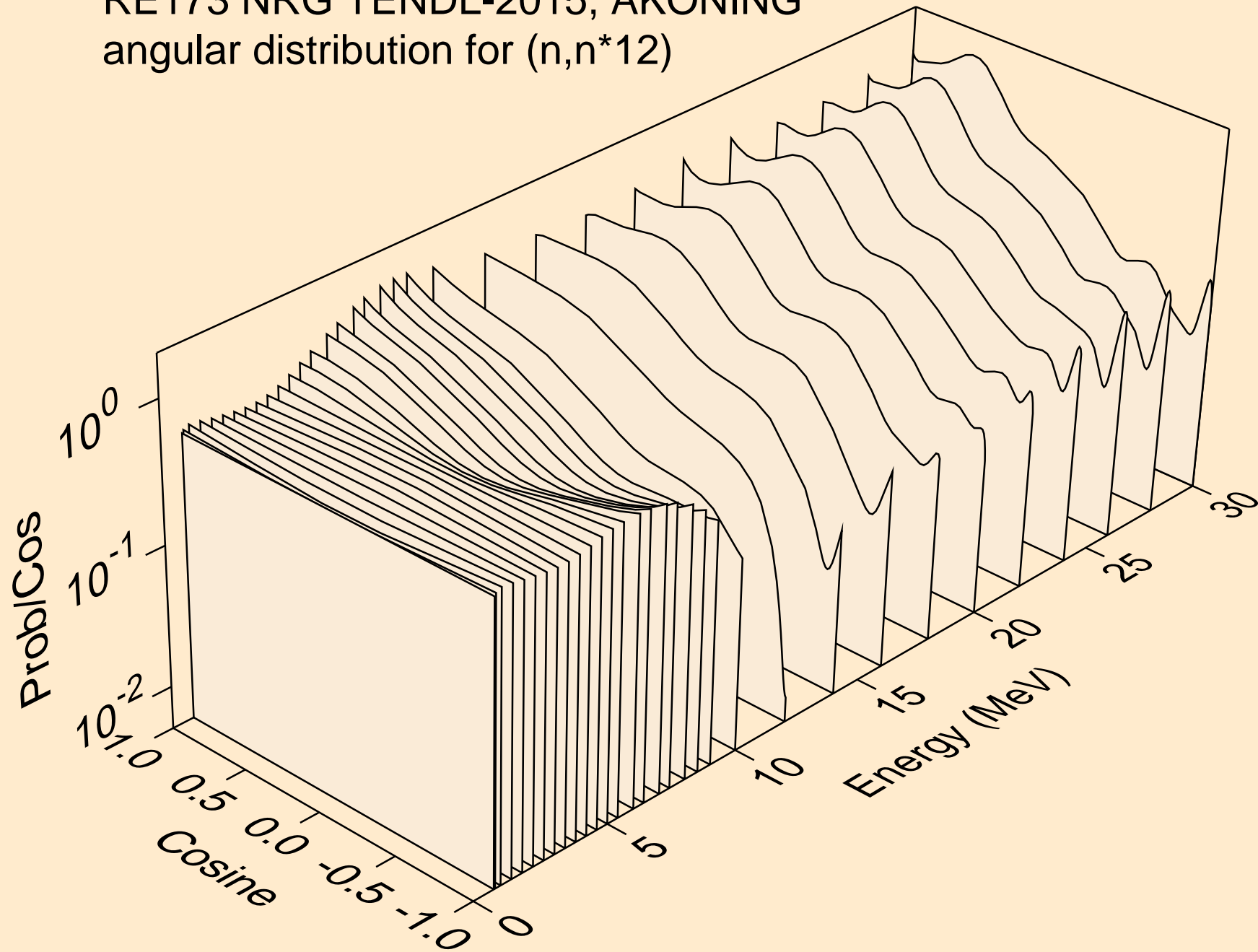
RE173 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



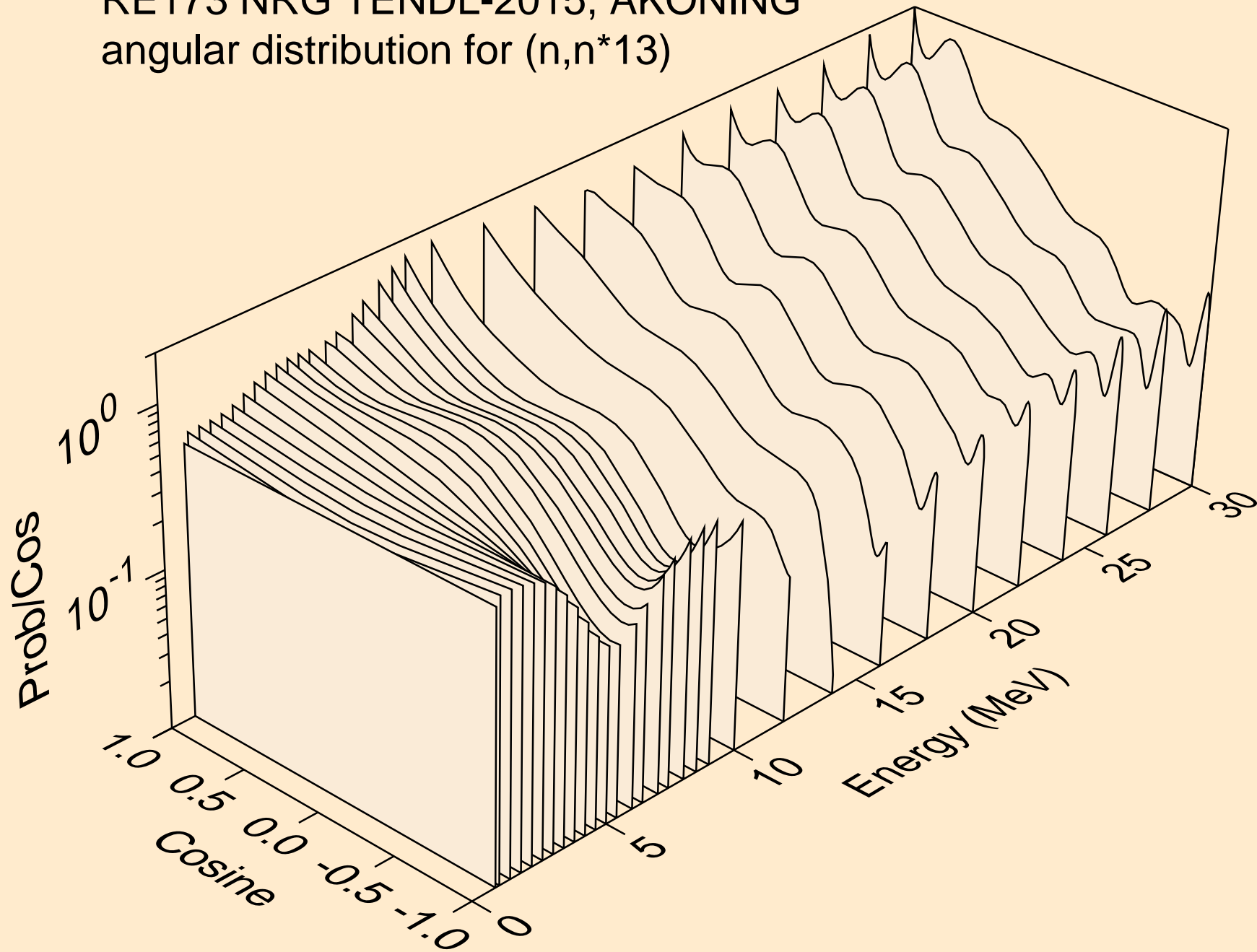
RE173 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



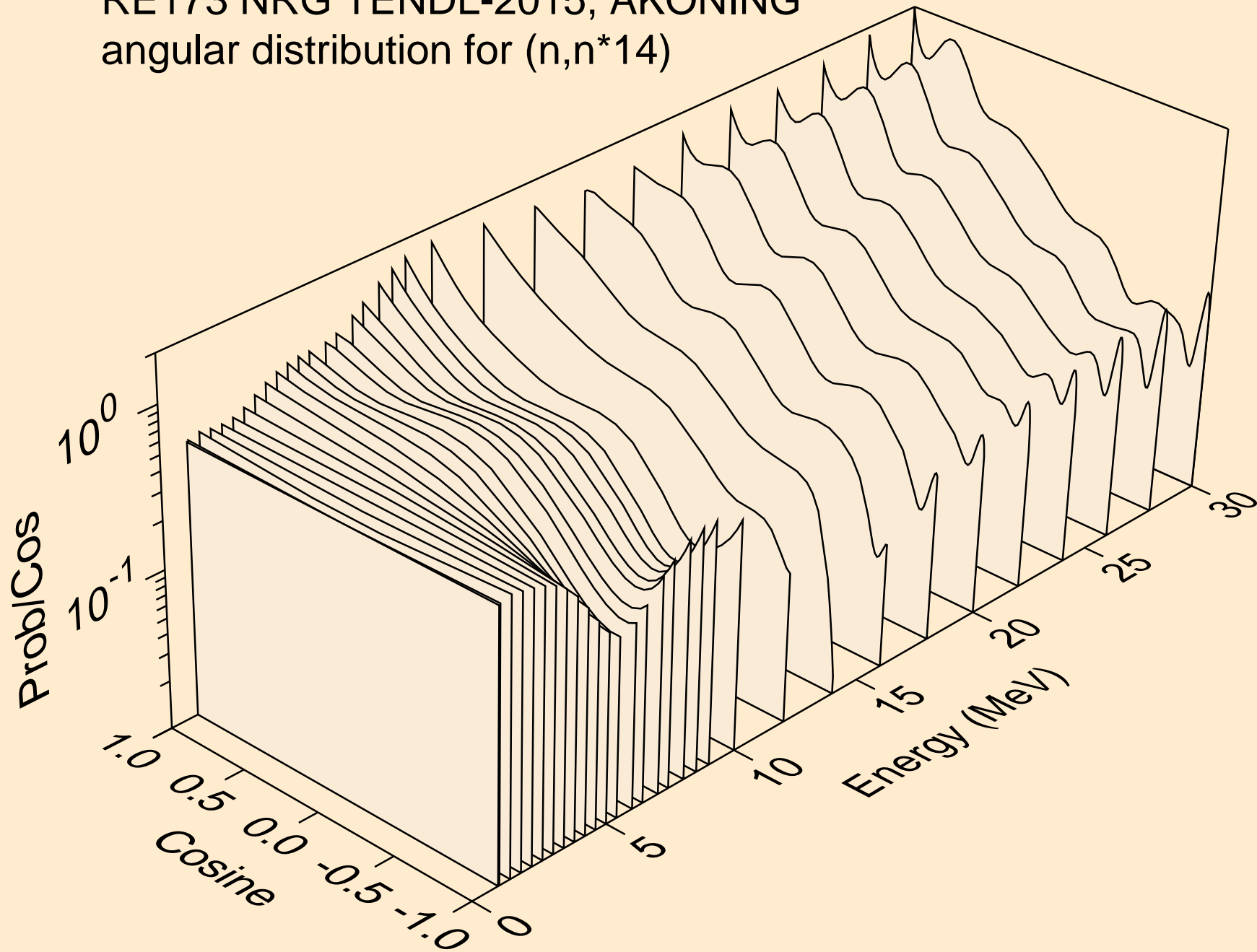
RE173 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



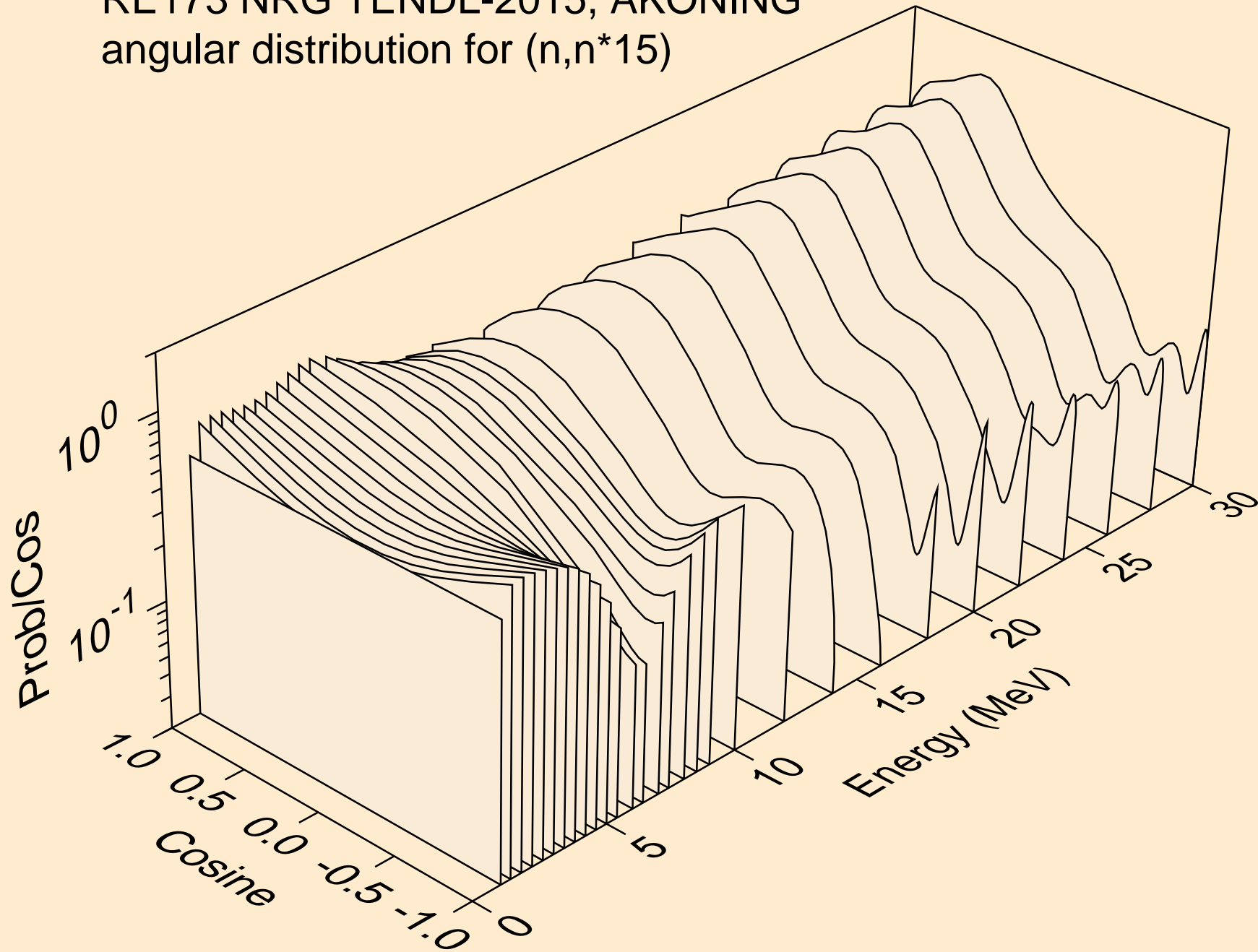
RE173 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



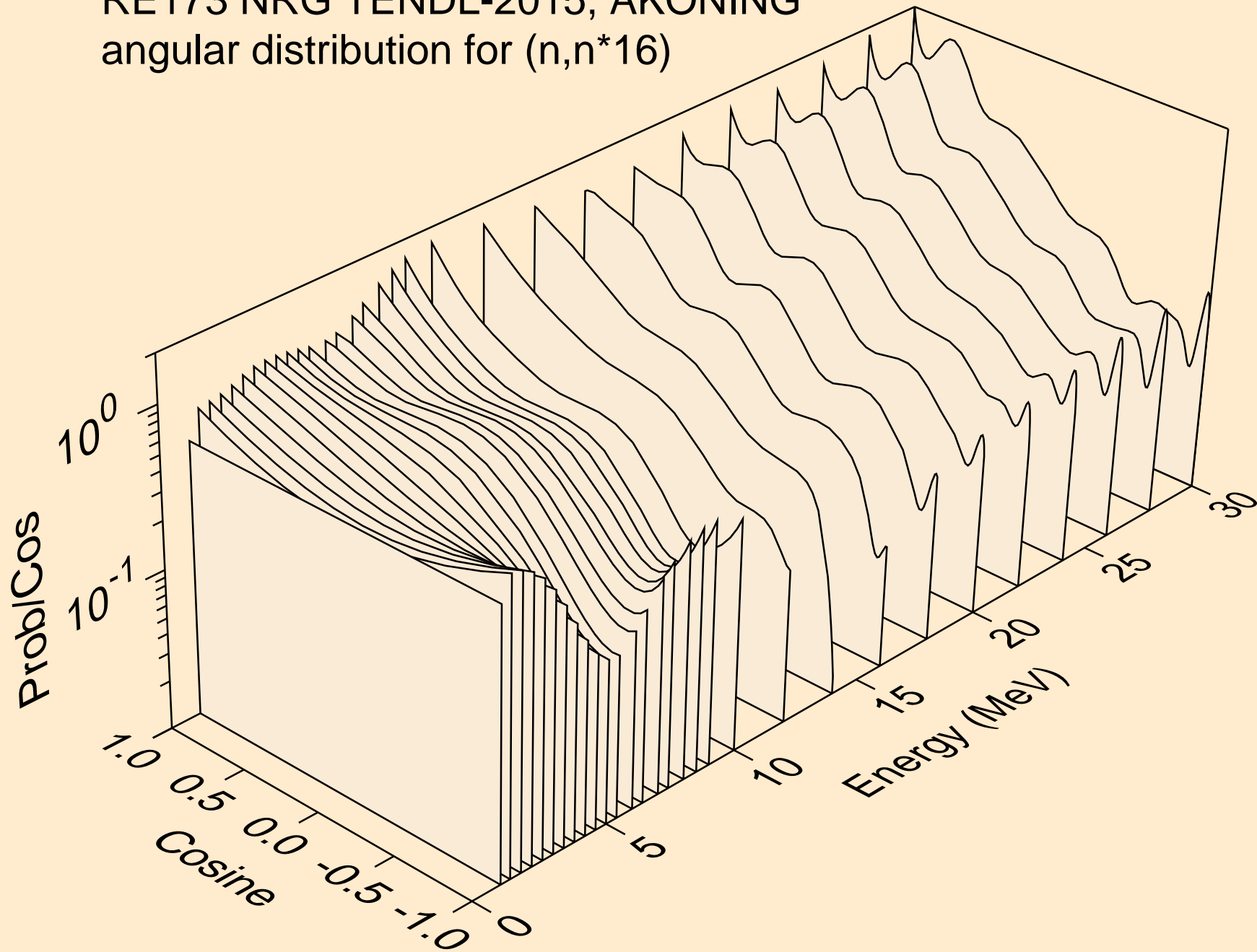
RE173 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



RE173 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

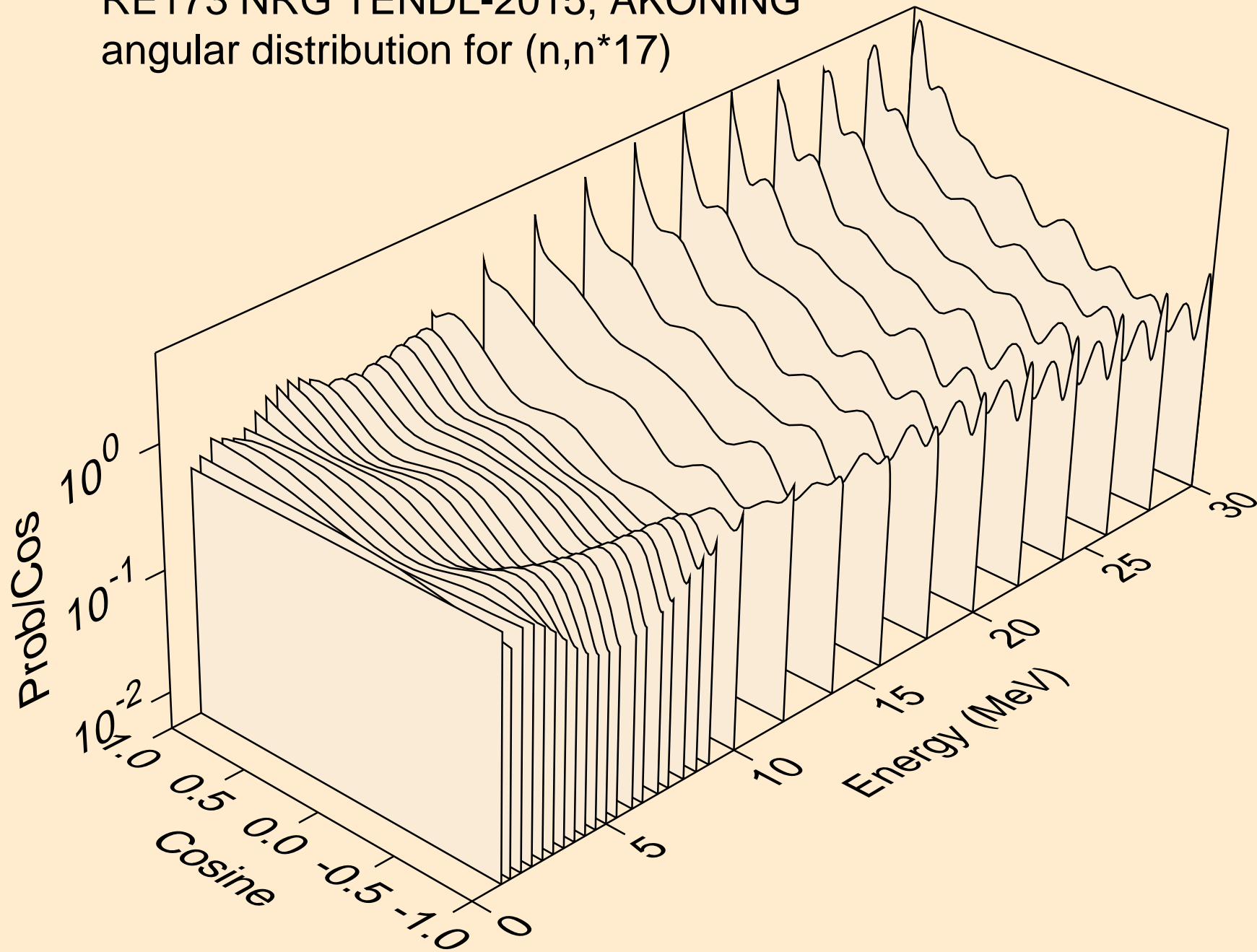


RE173 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)

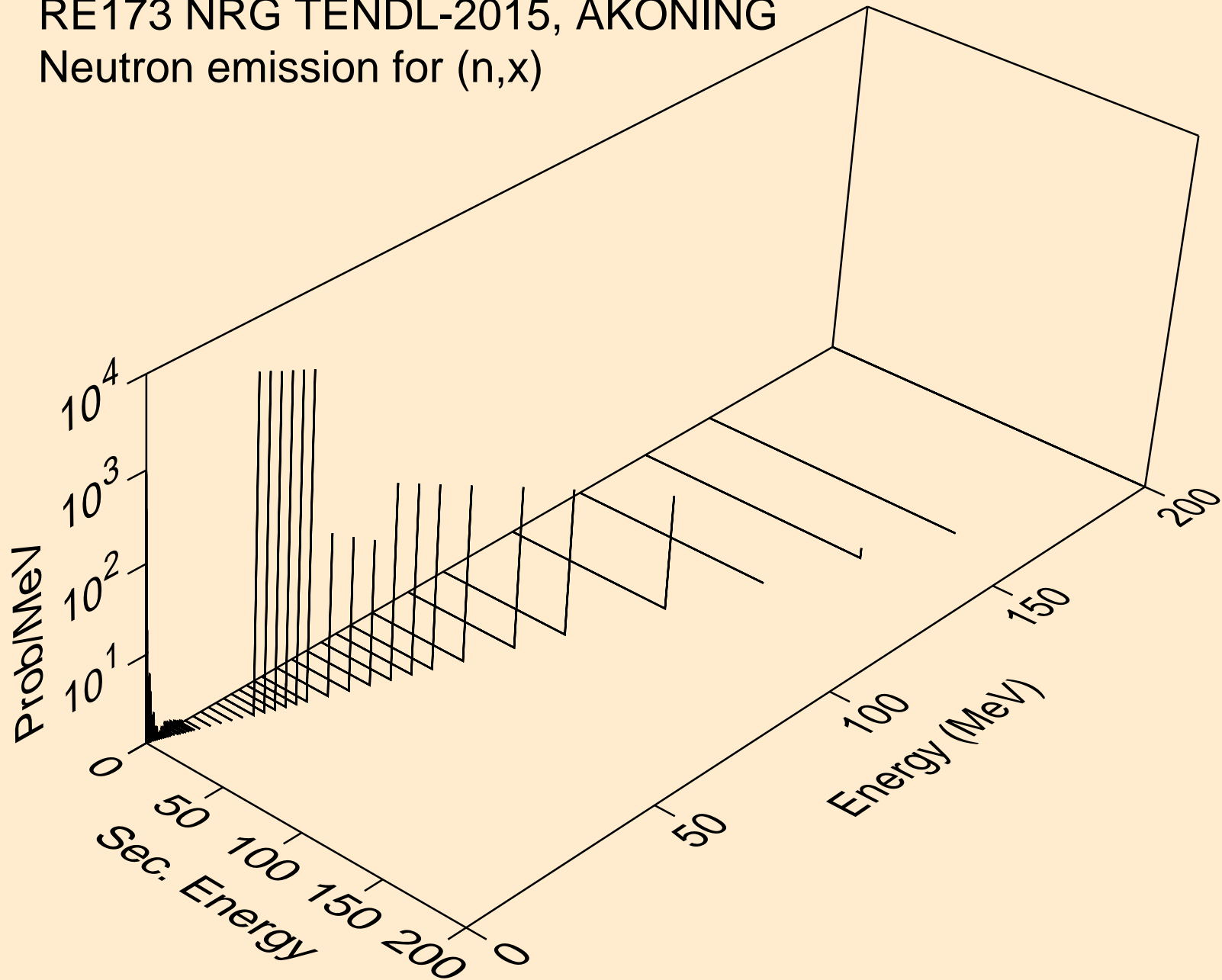




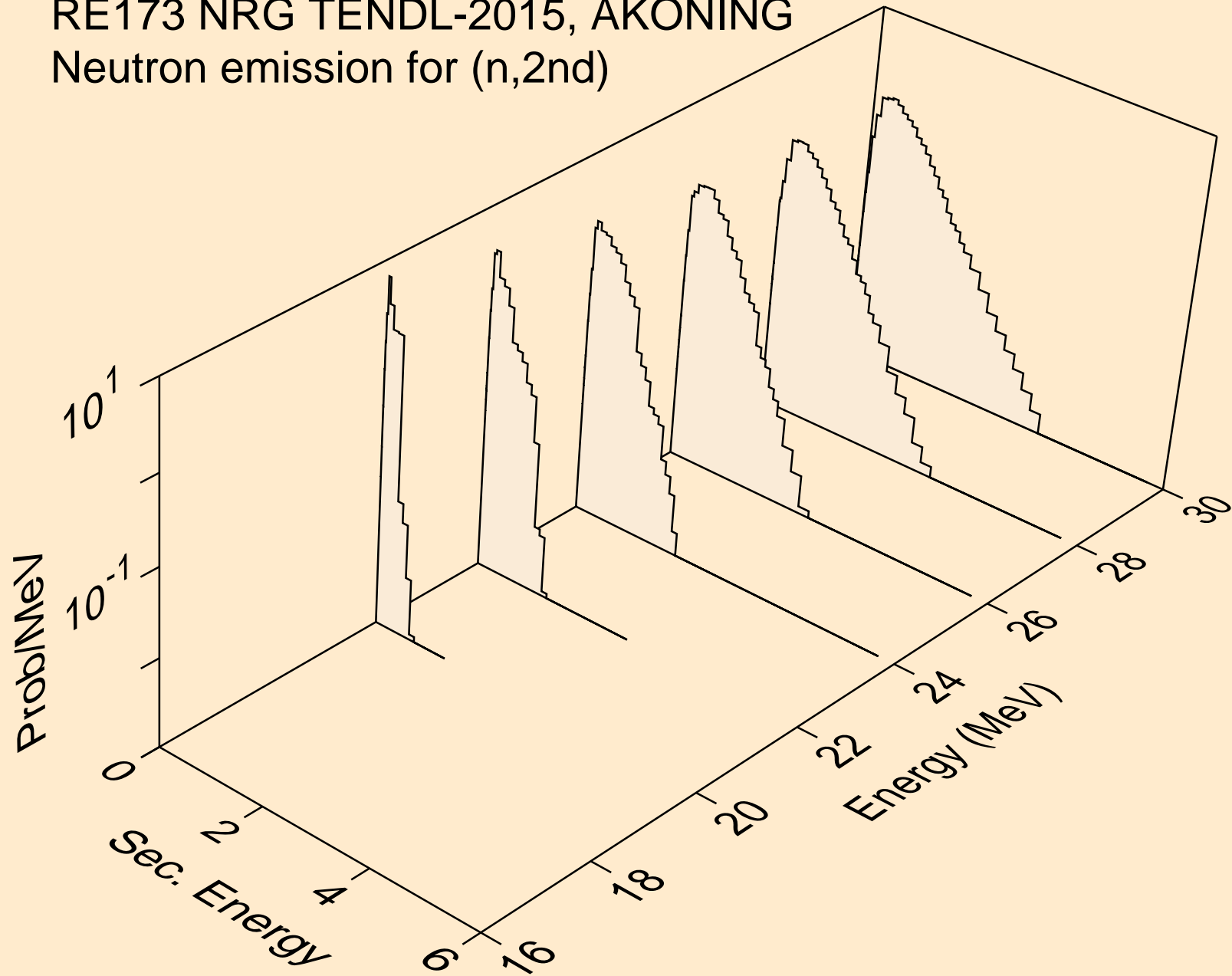
RE173 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



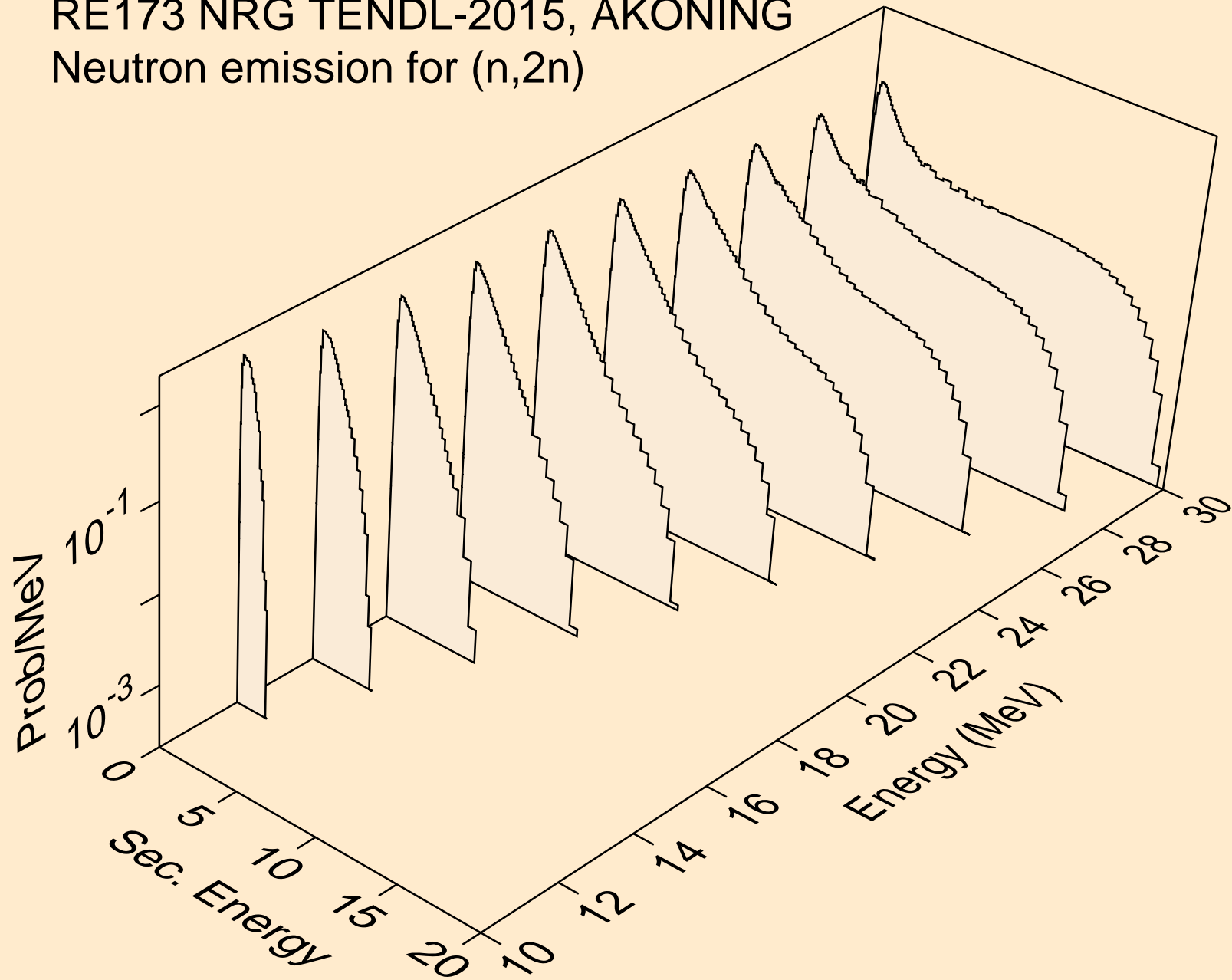
RE173 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



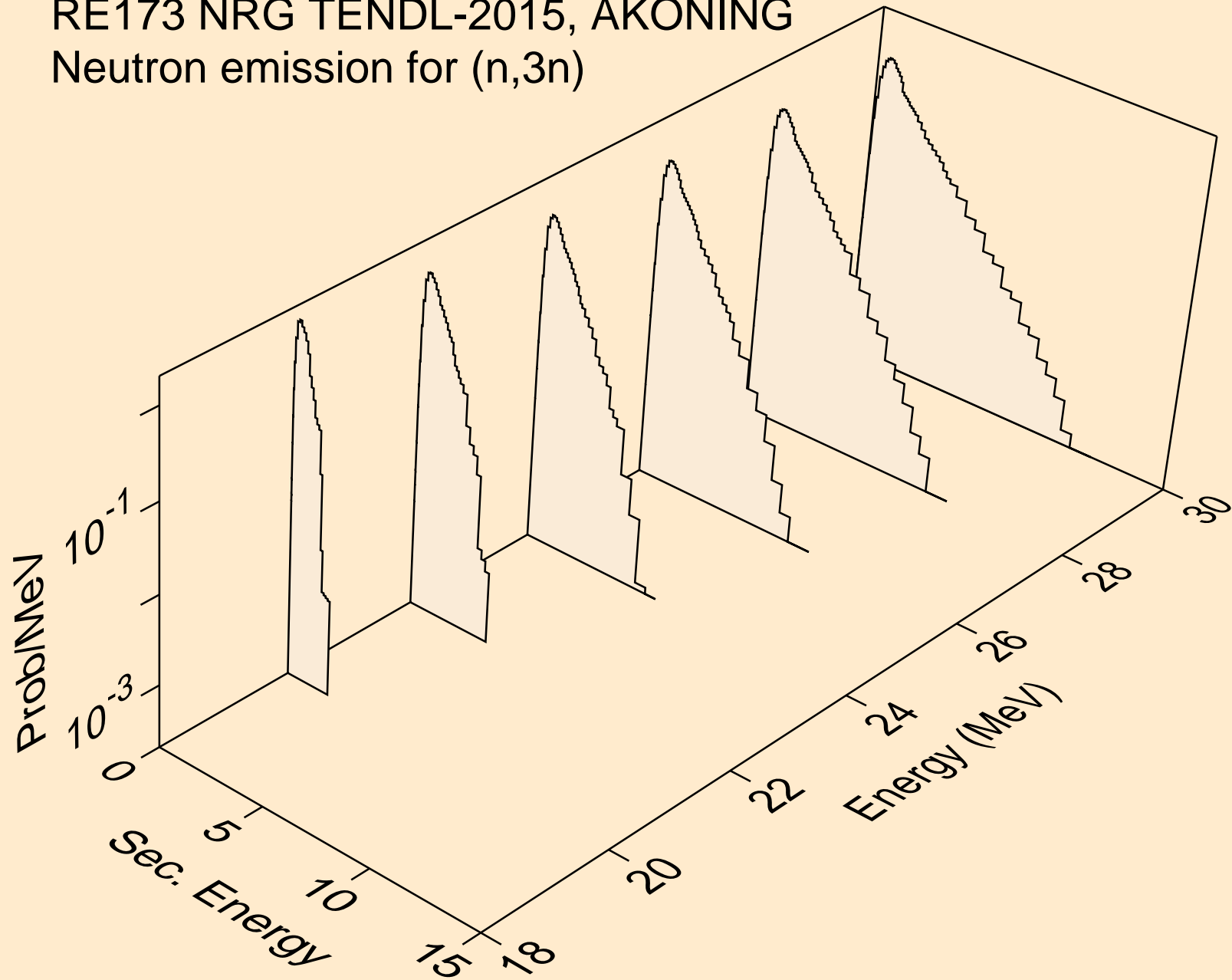
RE173 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



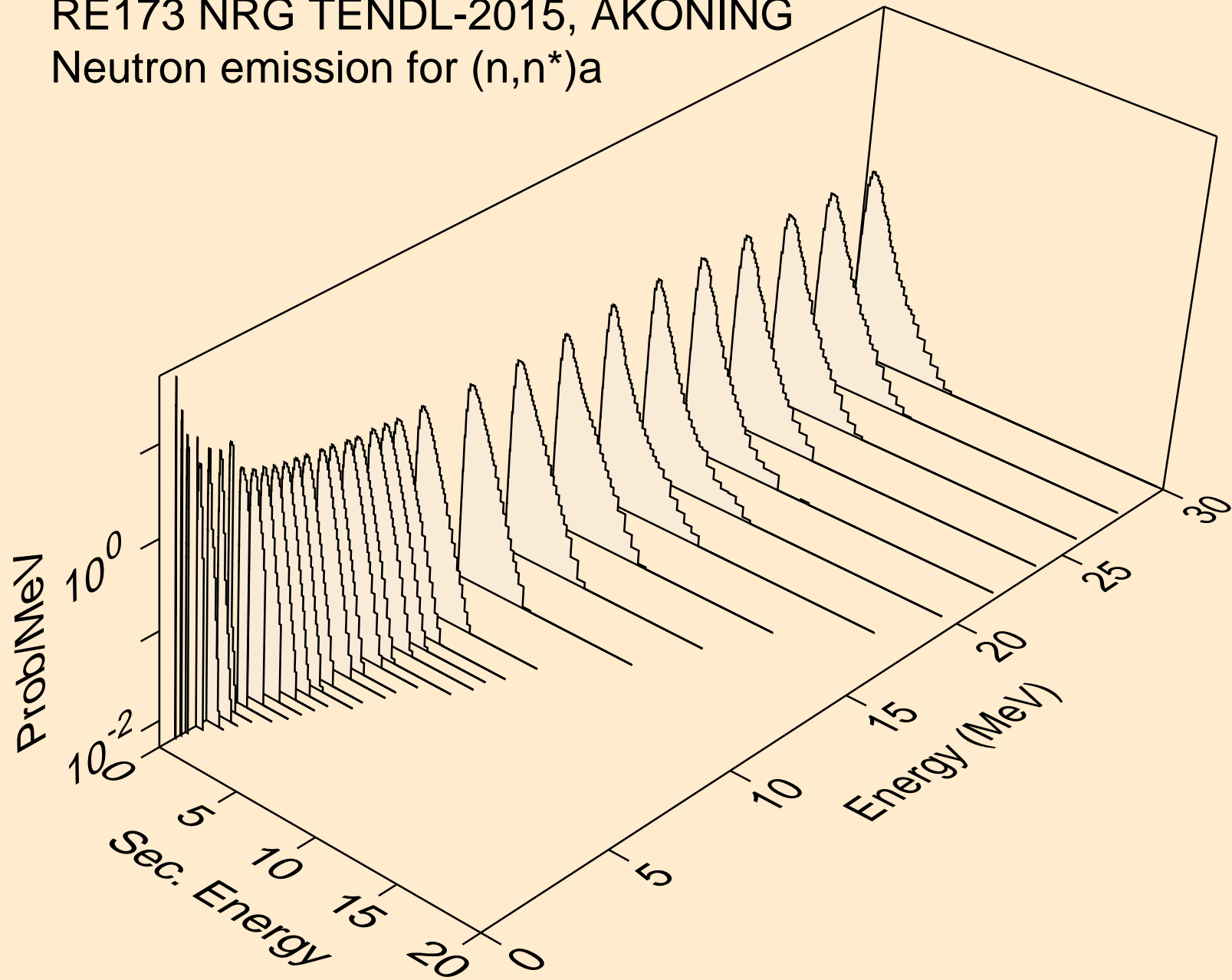
RE173 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



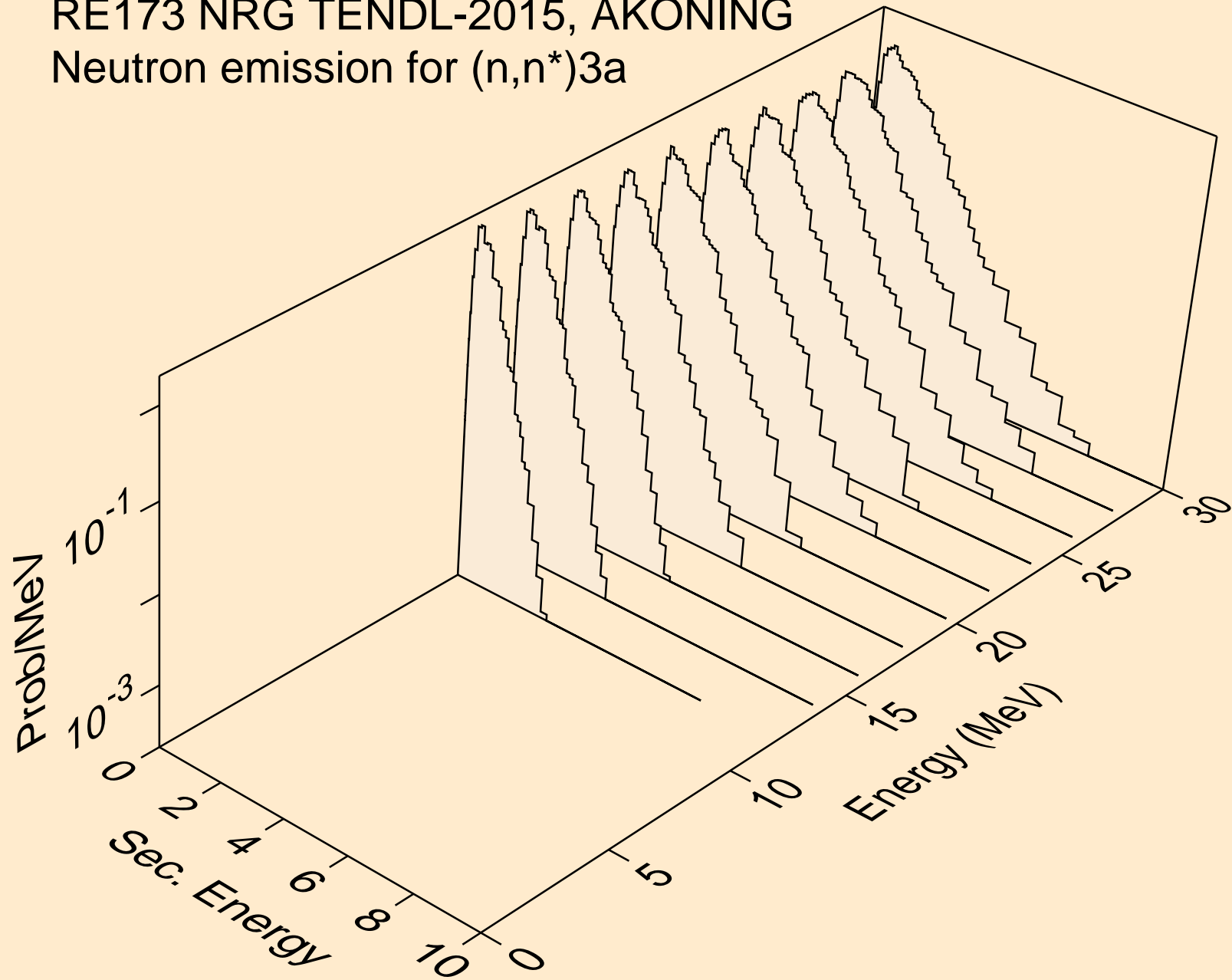
RE173 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



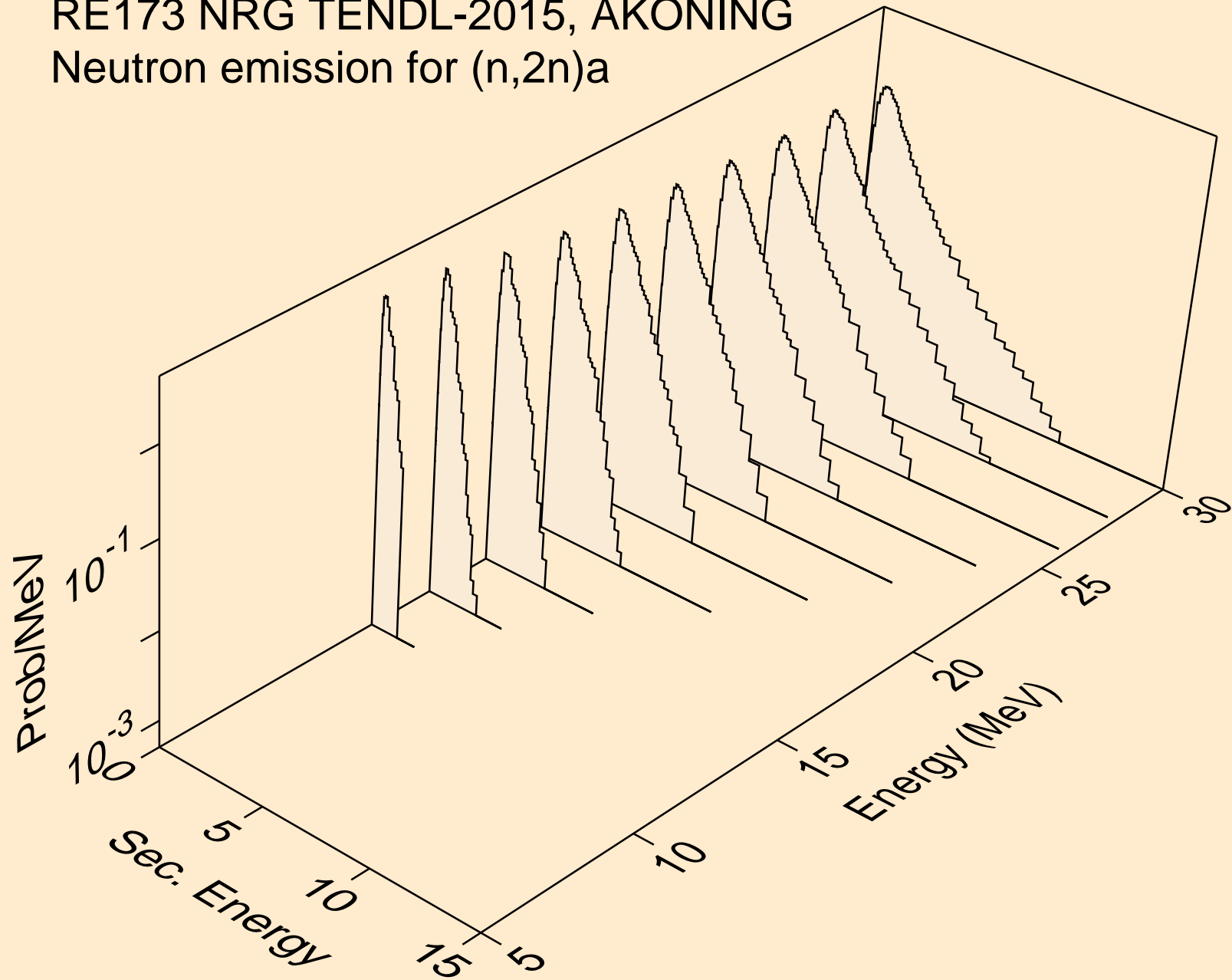
RE173 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



RE173 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a

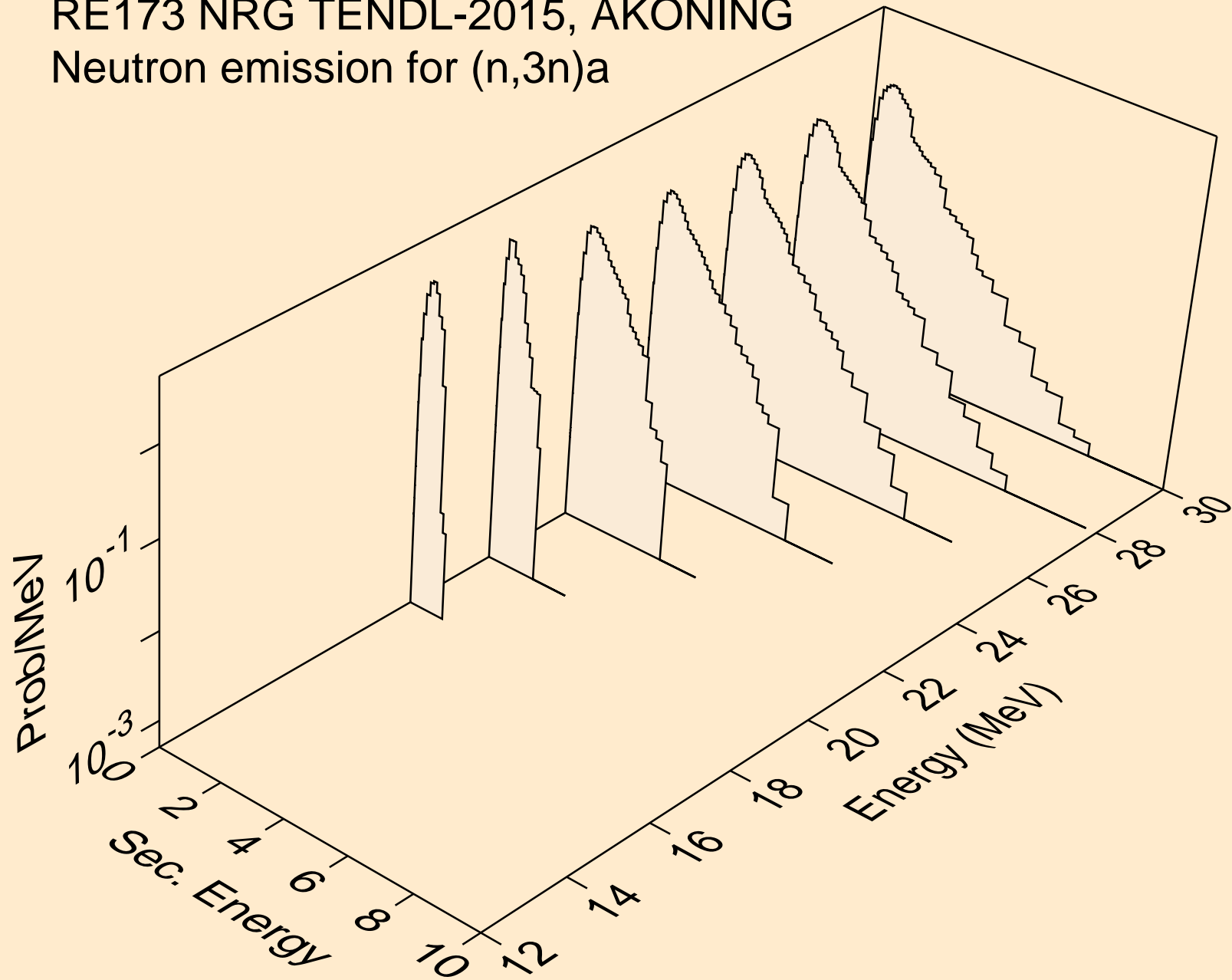


RE173 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

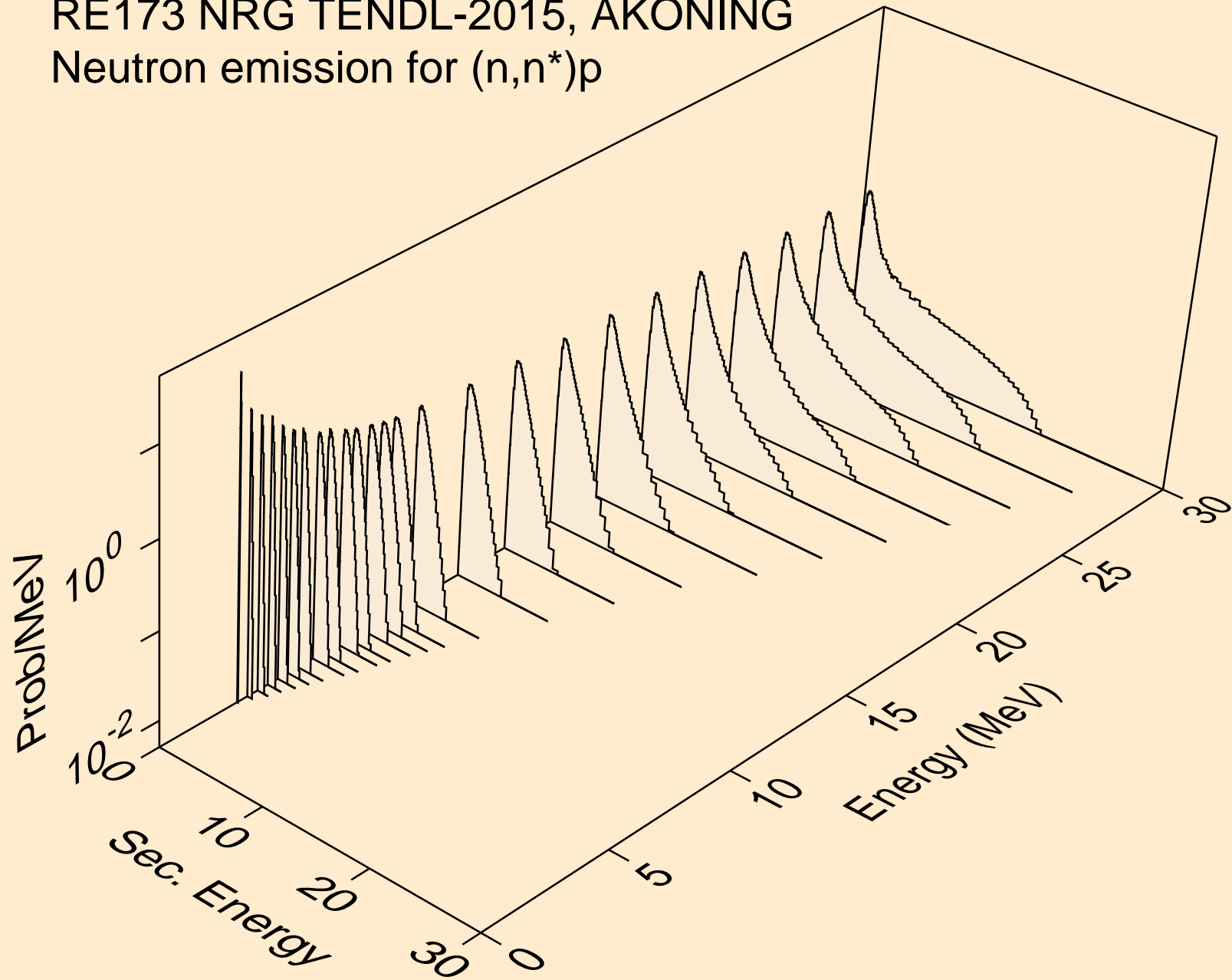




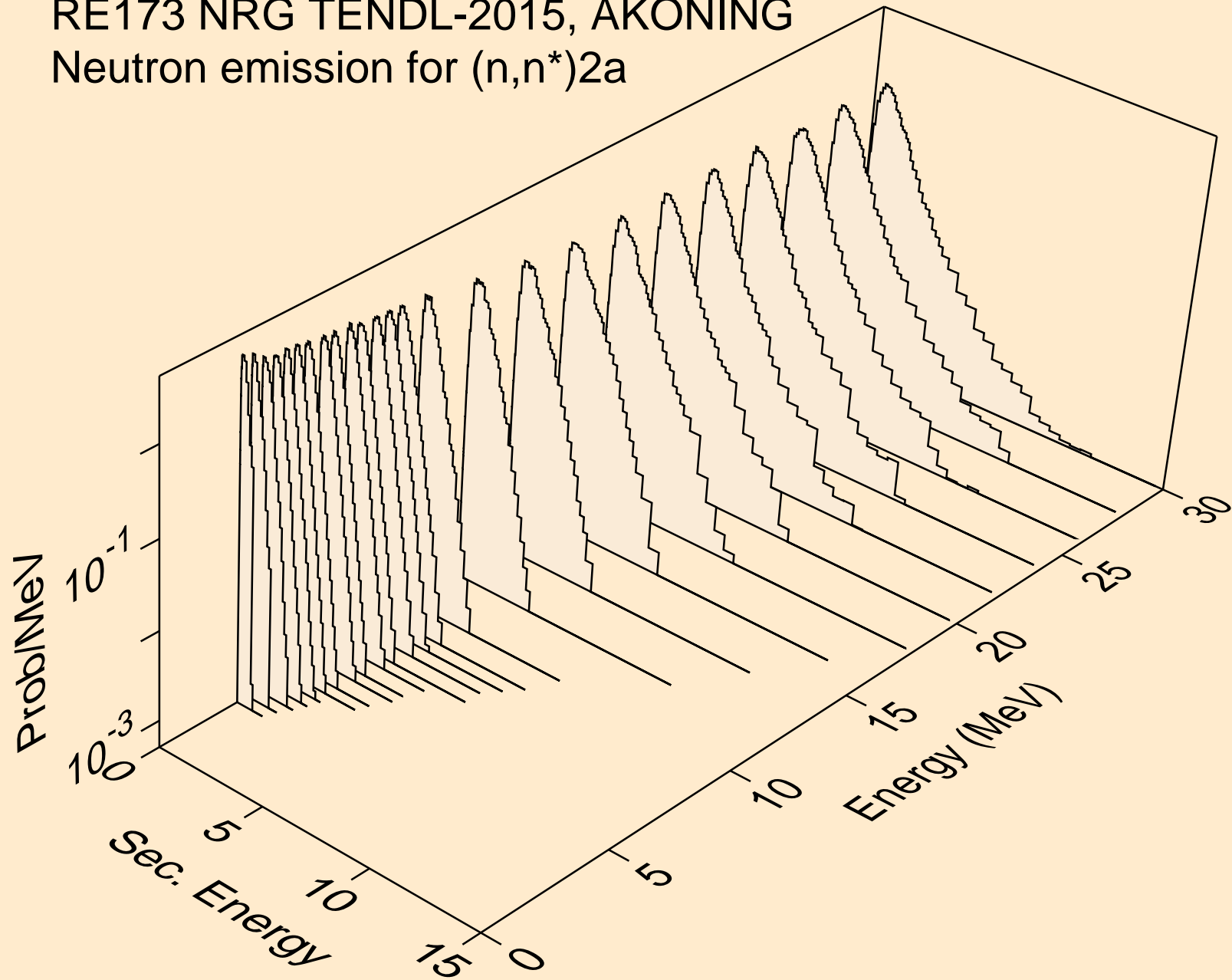
RE173 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



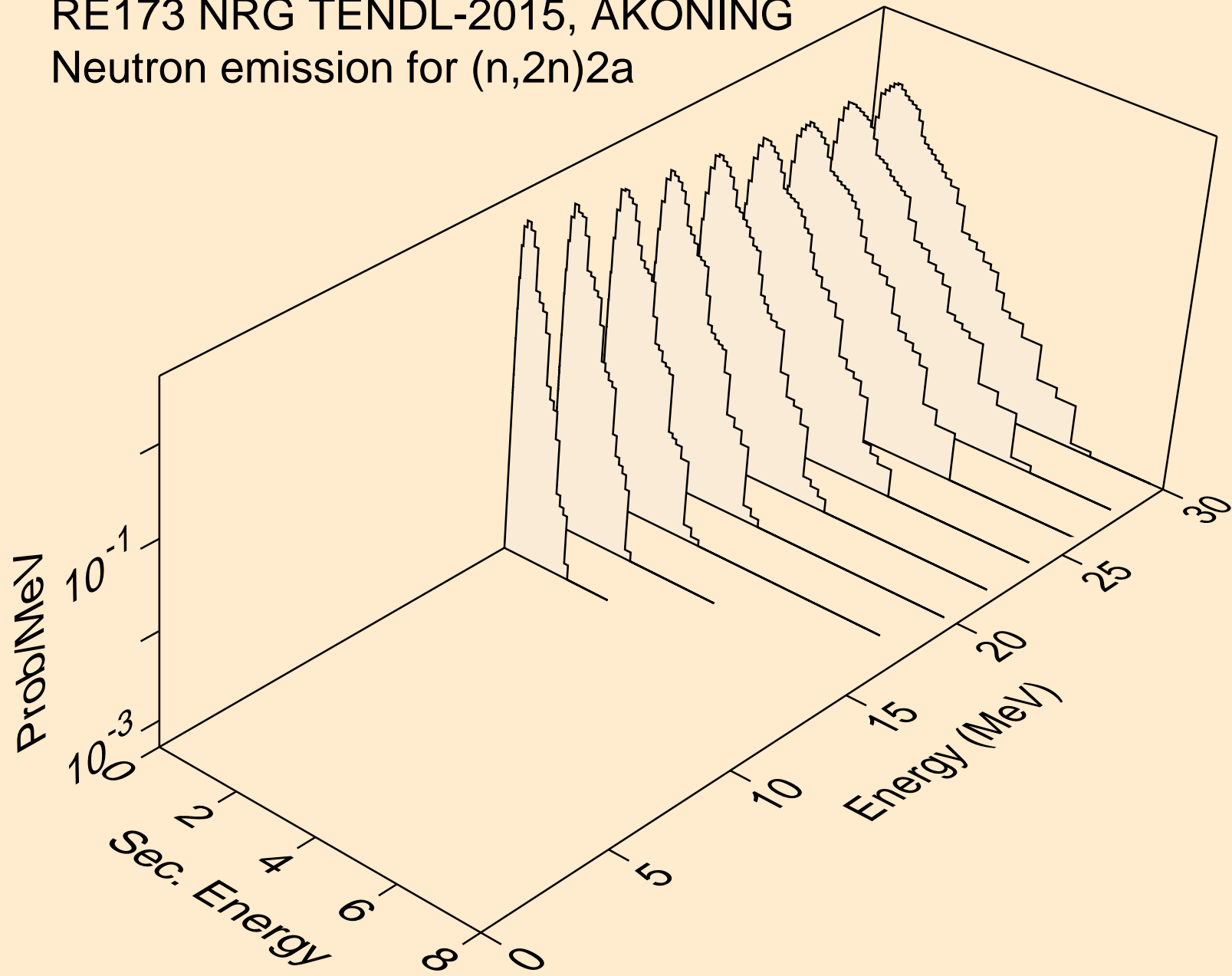
RE173 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



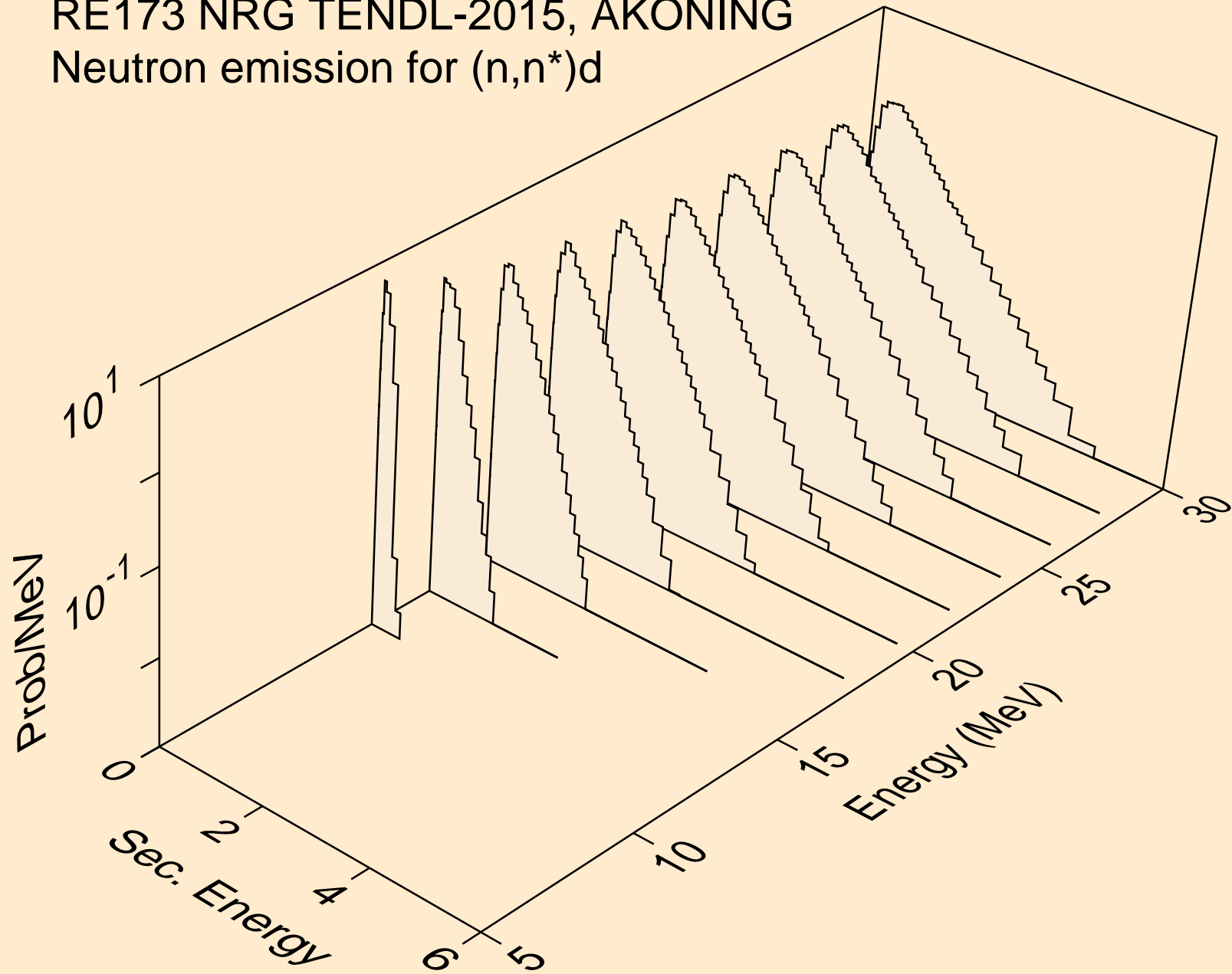
RE173 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



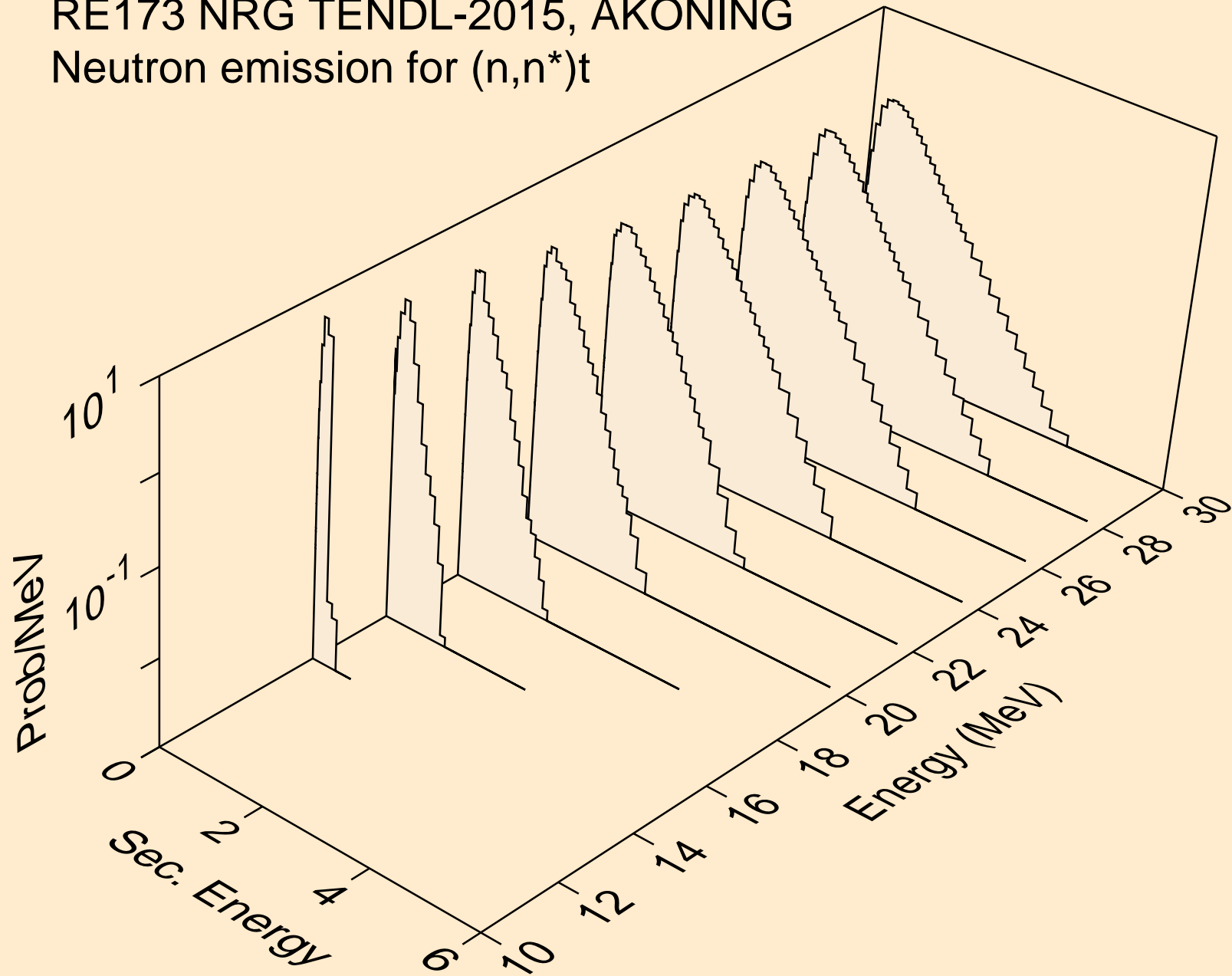
RE173 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



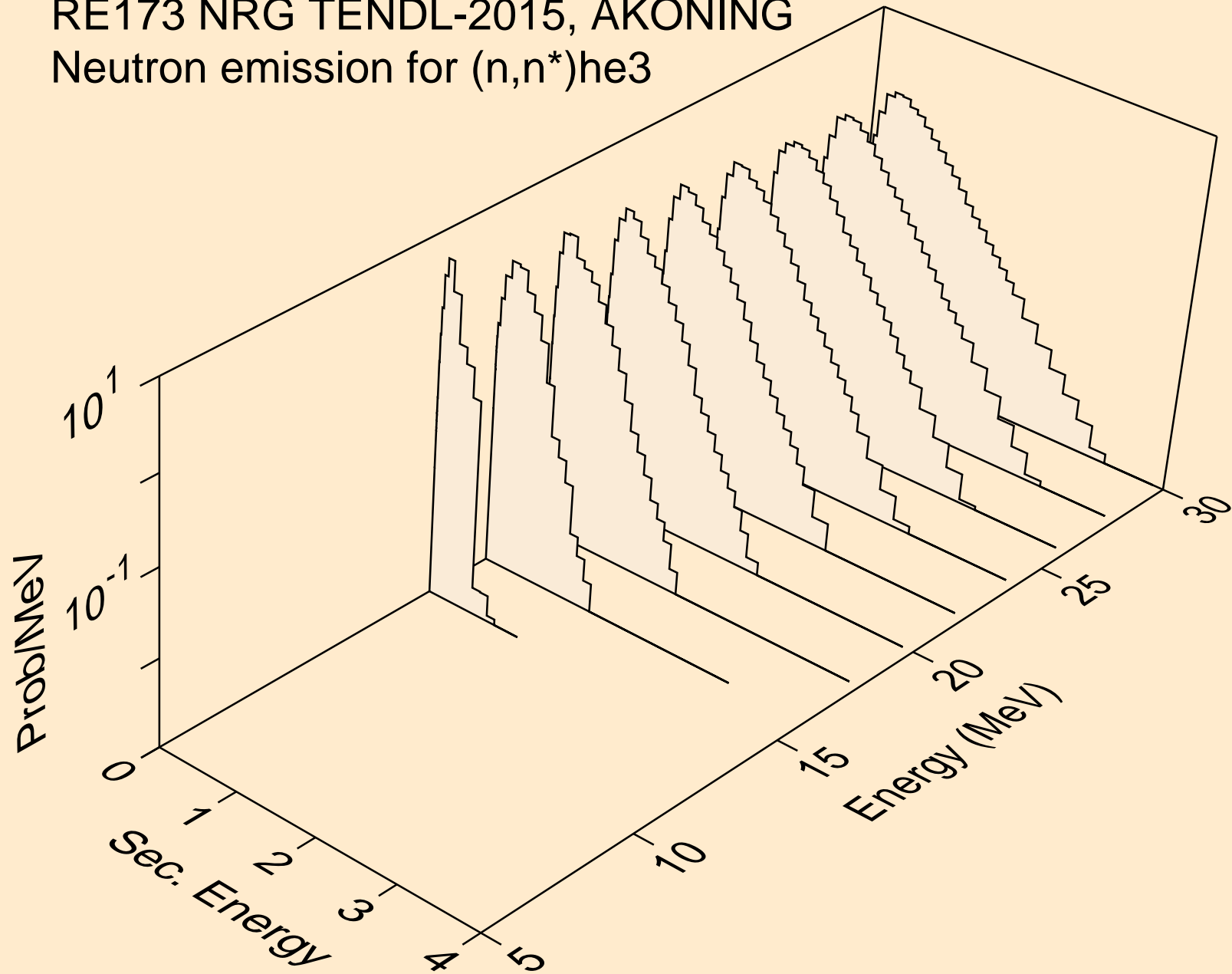
RE173 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



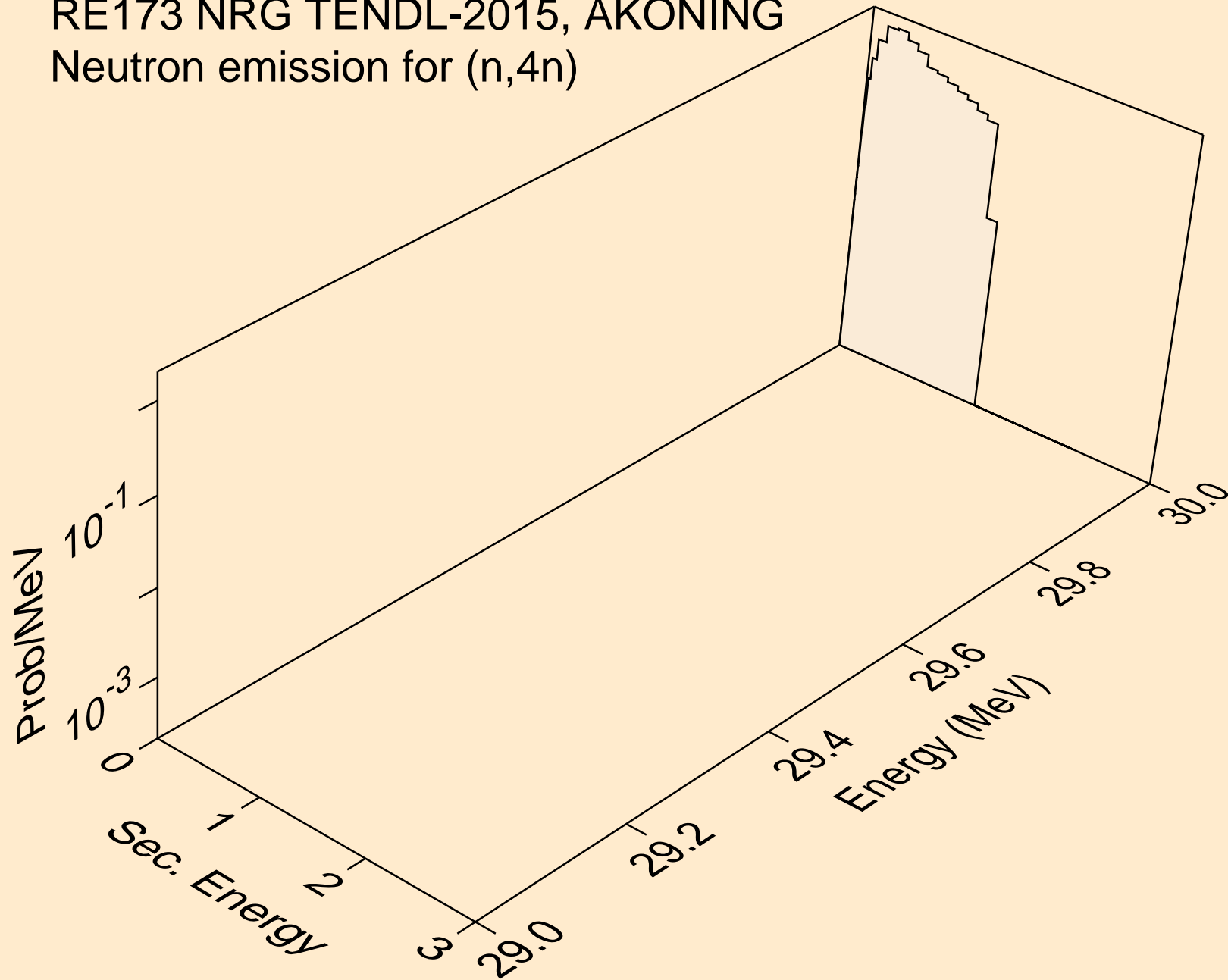
RE173 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



RE173 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

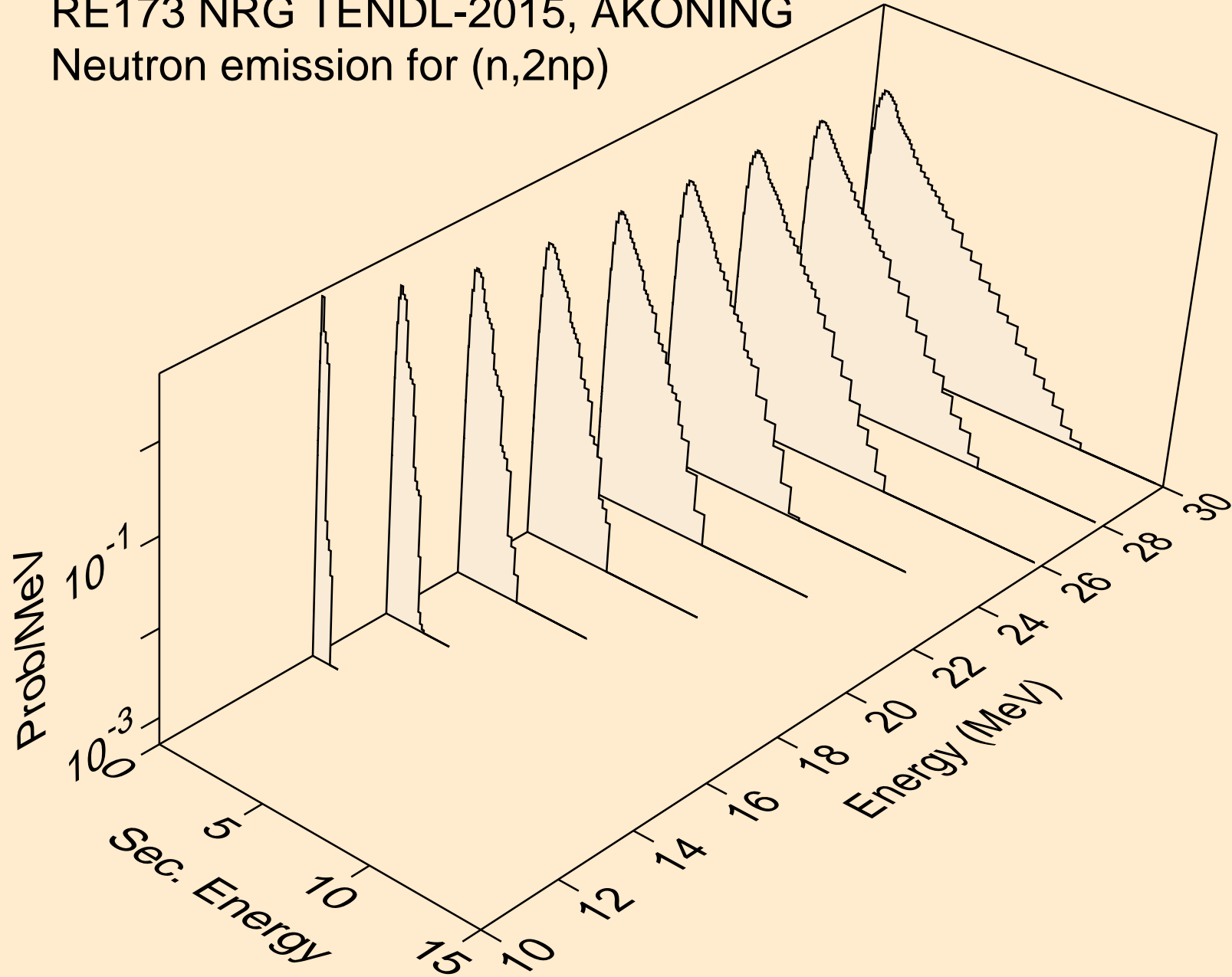


RE173 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)

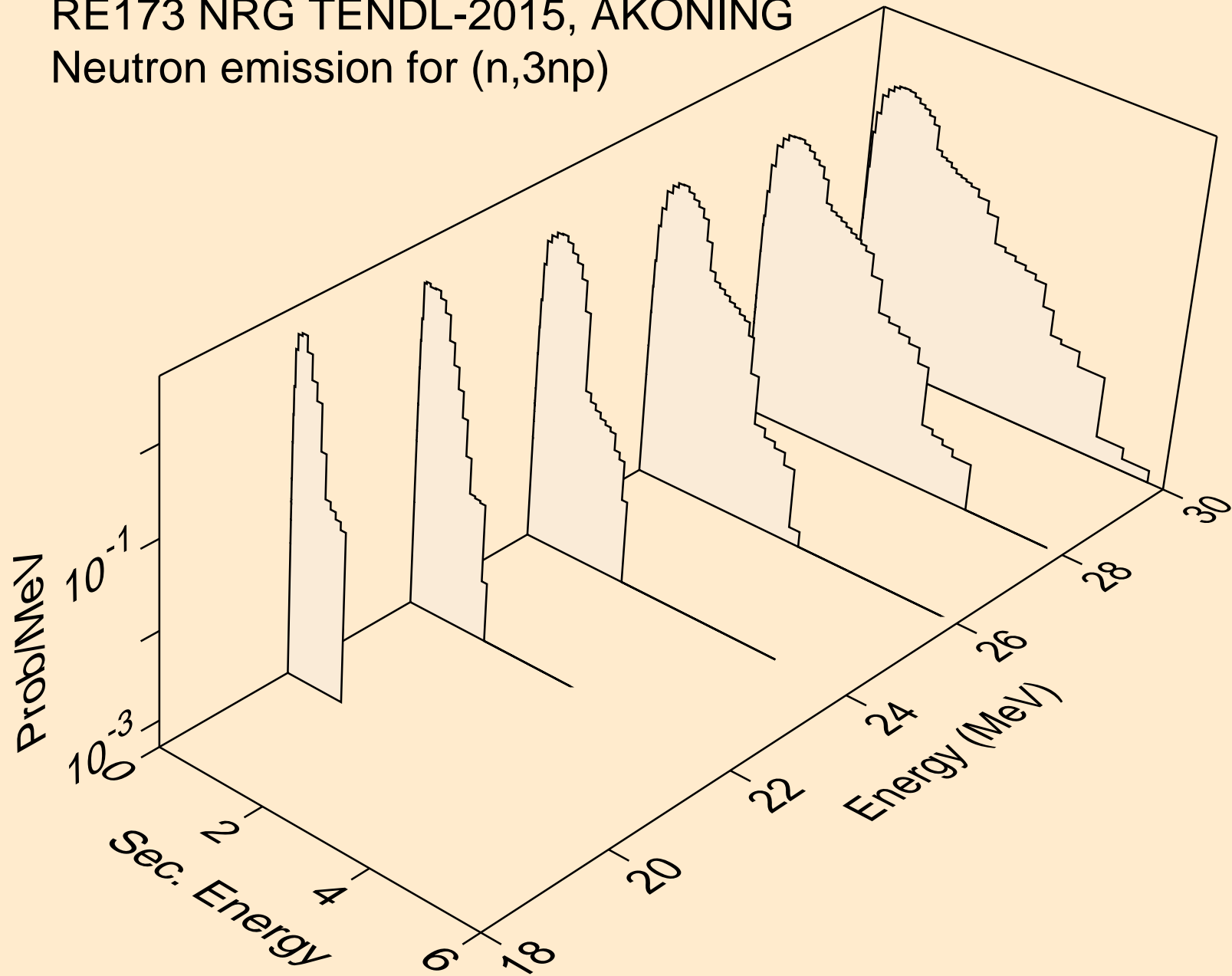




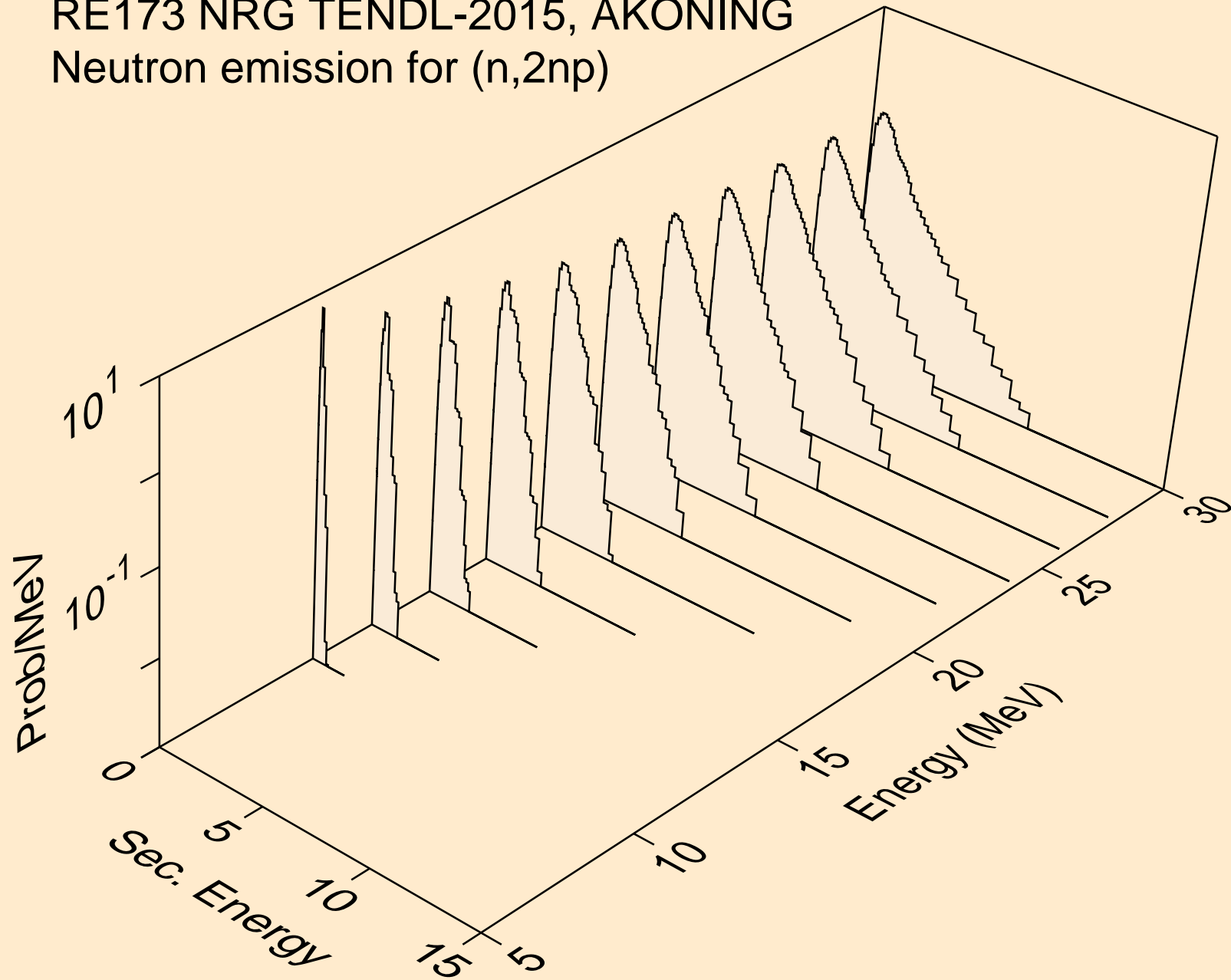
RE173 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



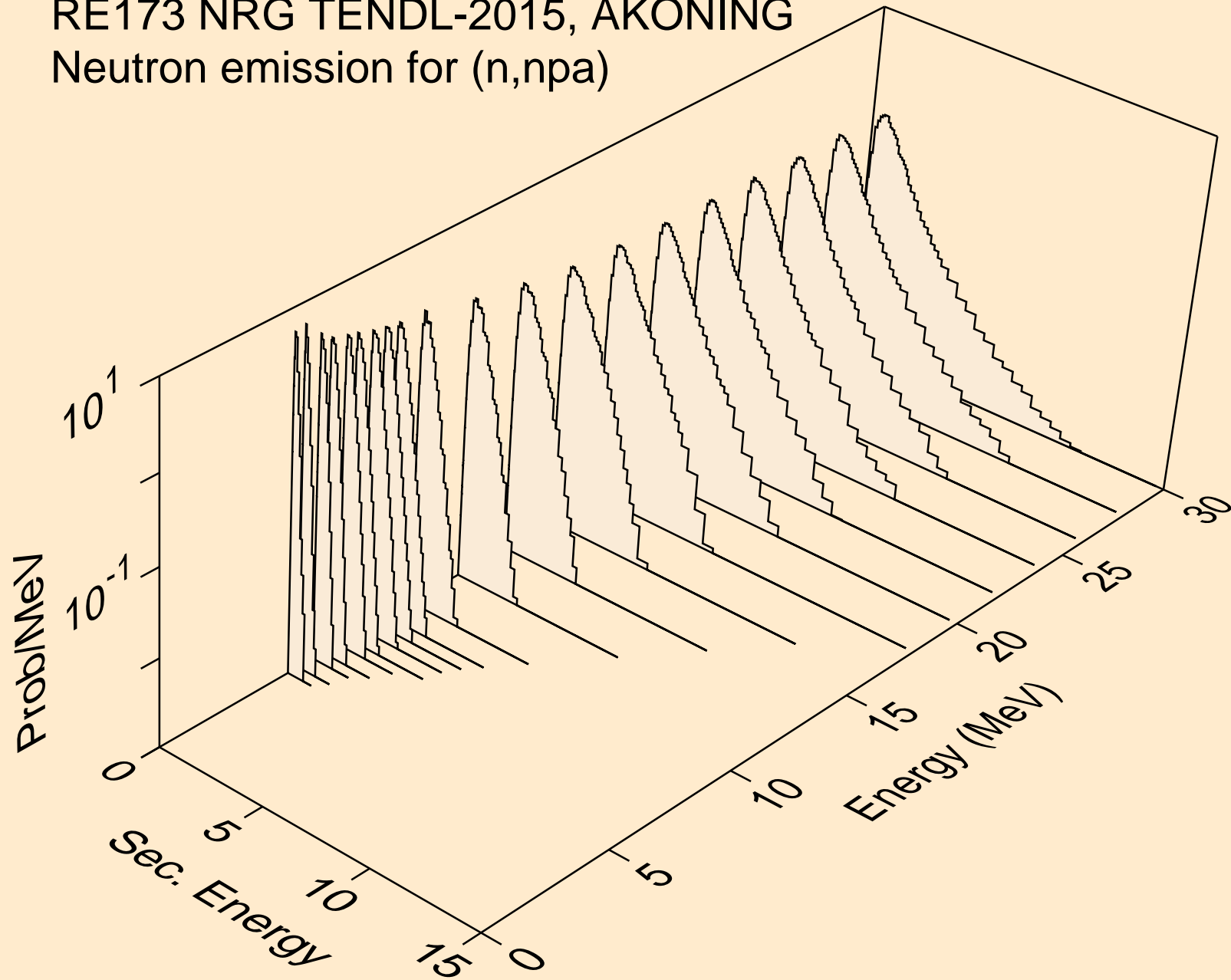
RE173 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



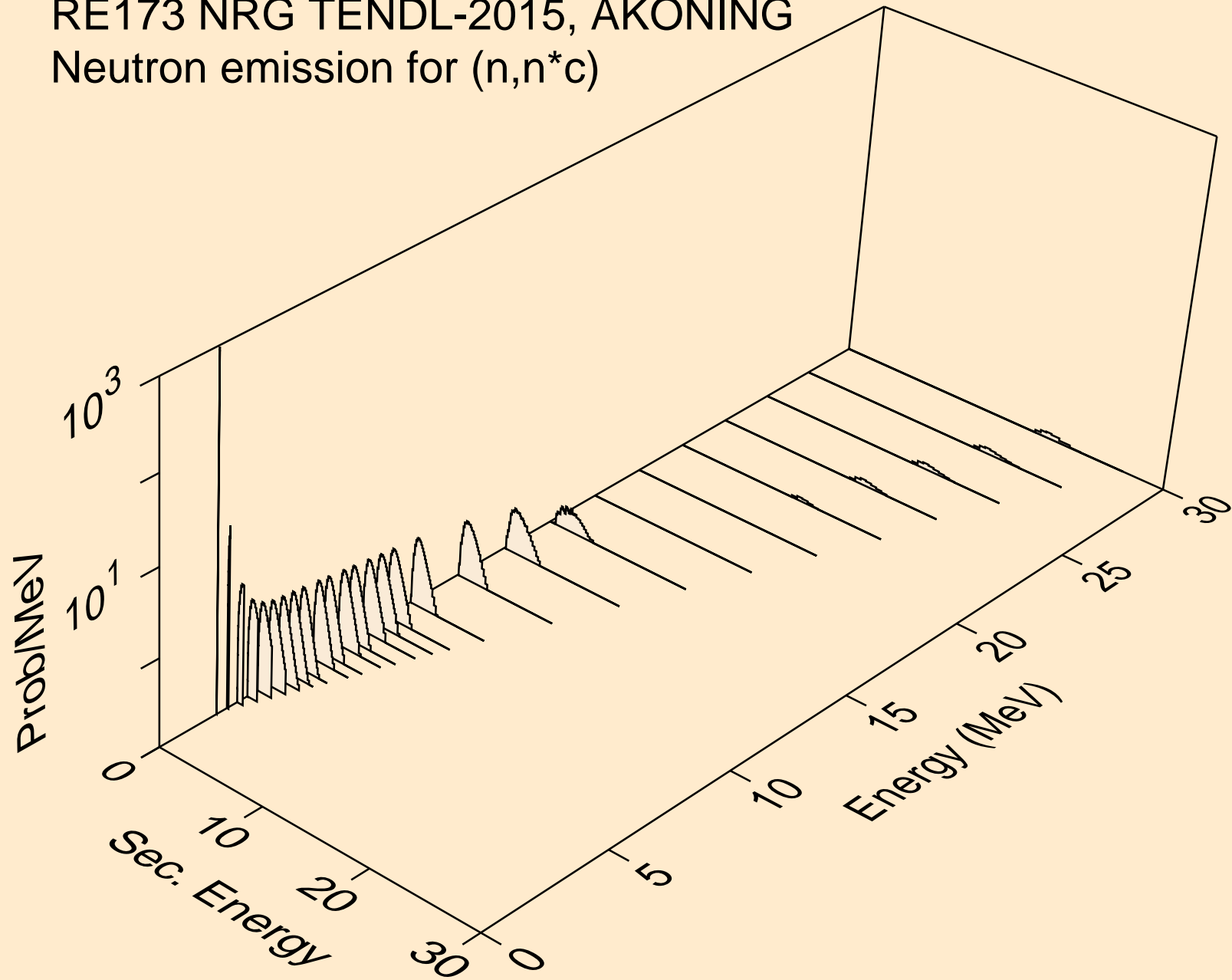
RE173 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



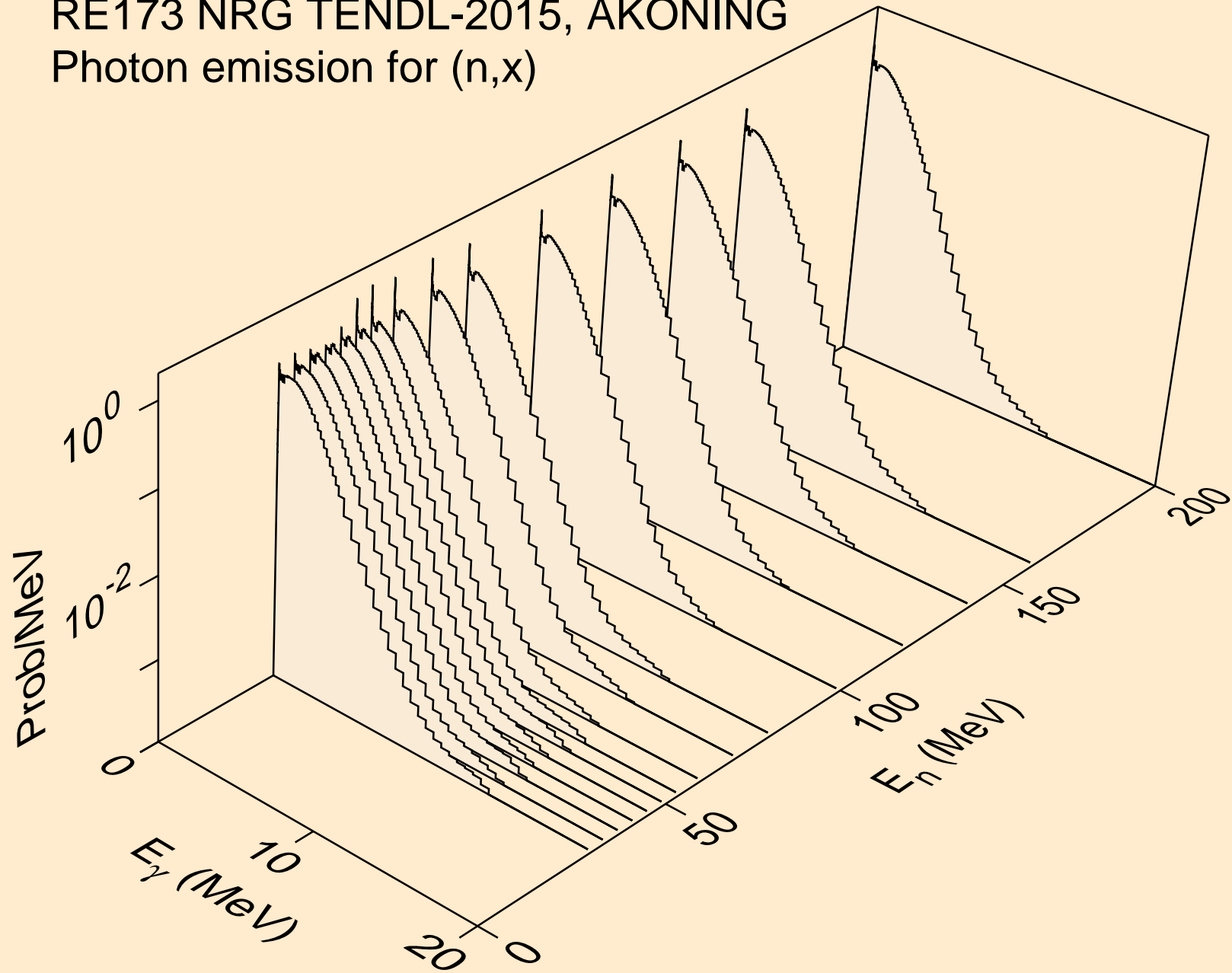
RE173 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



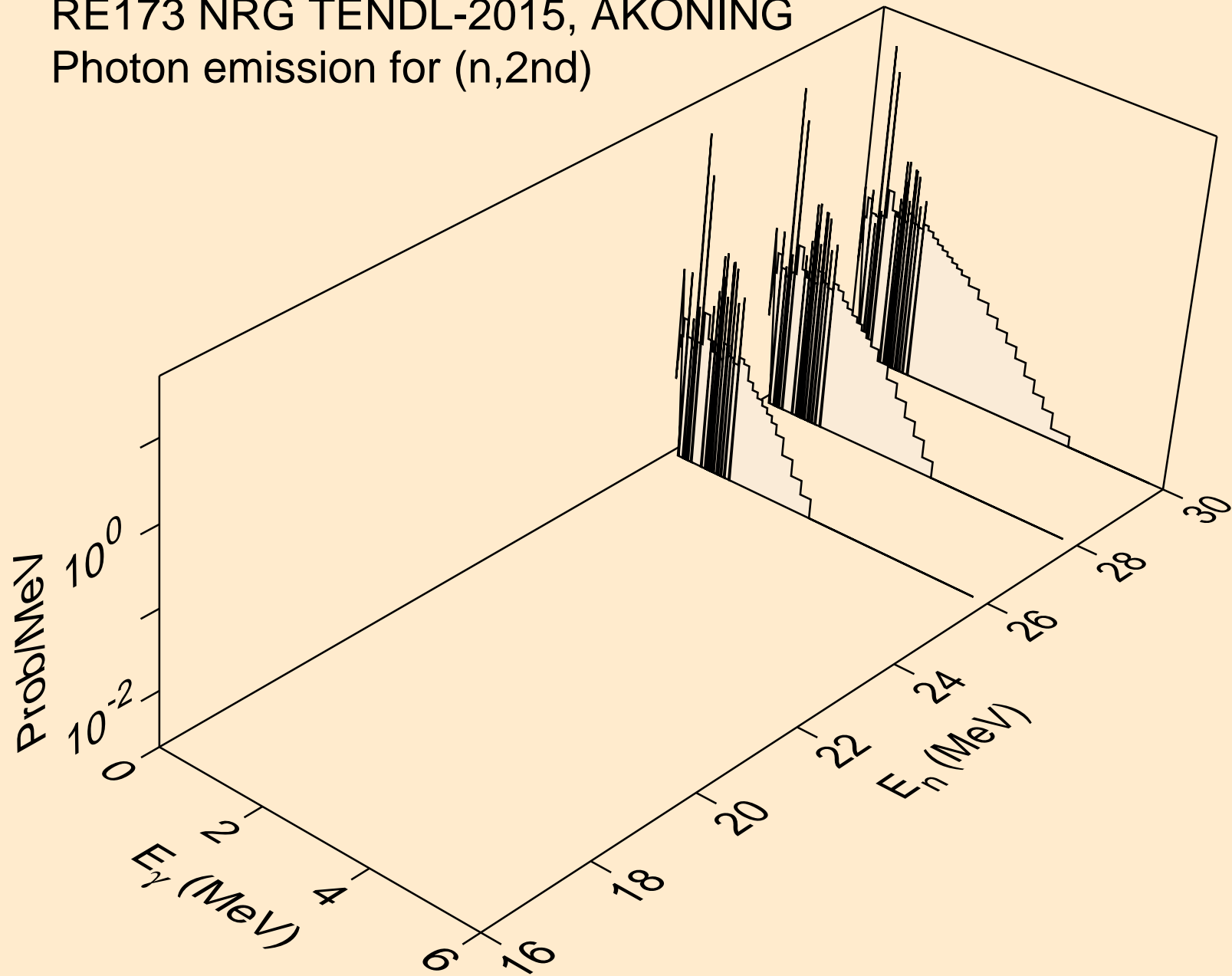
RE173 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



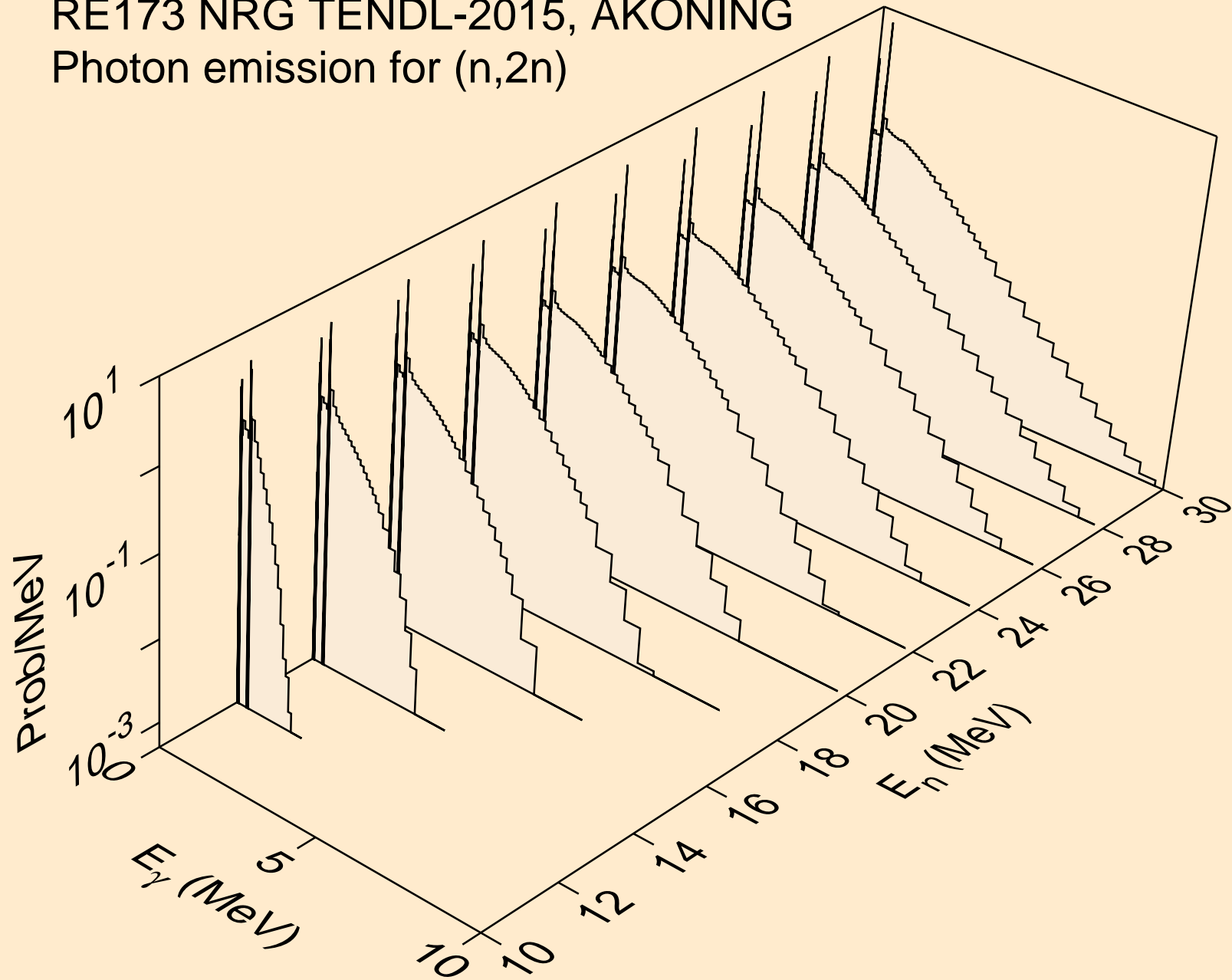
RE173 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



RE173 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

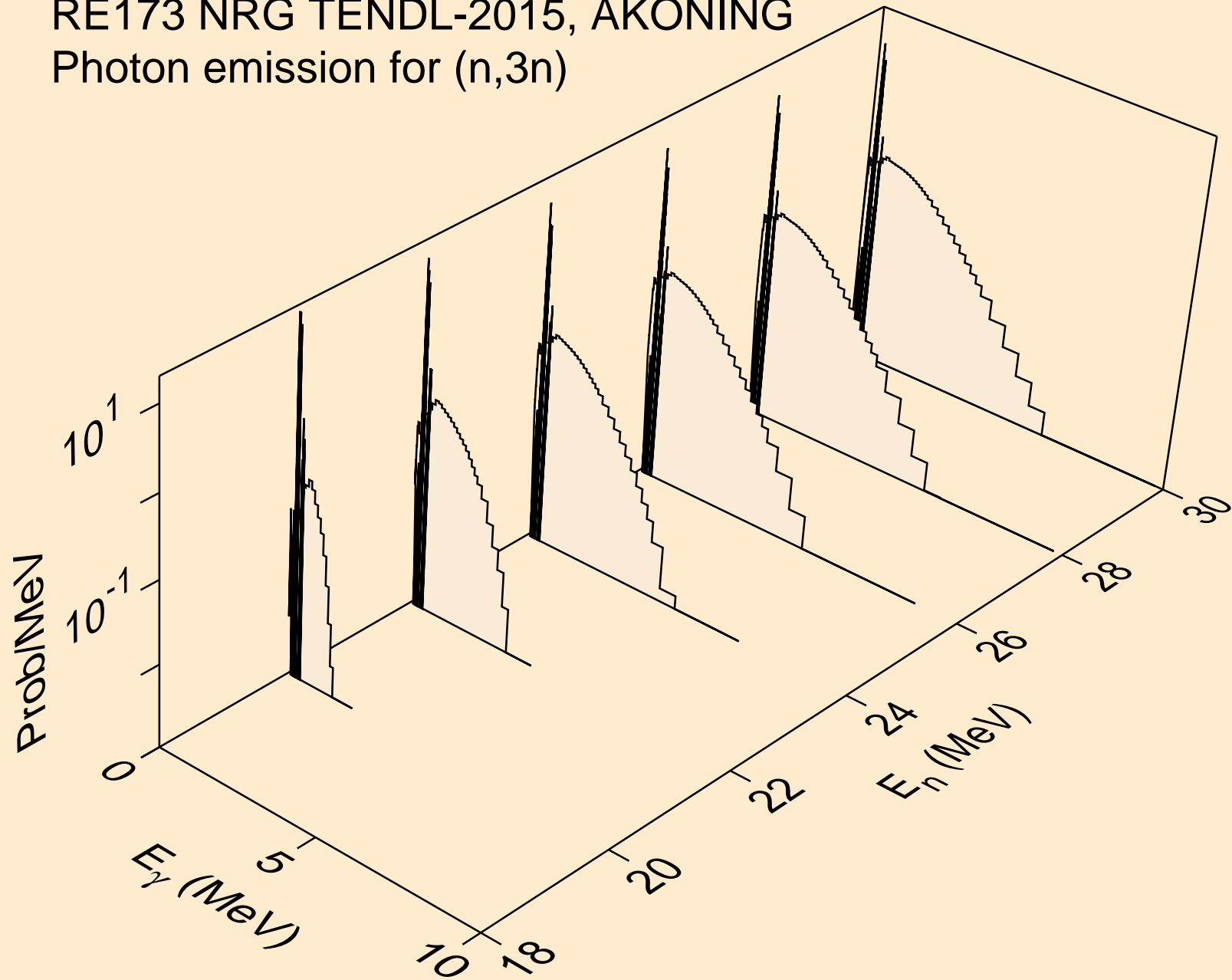


RE173 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

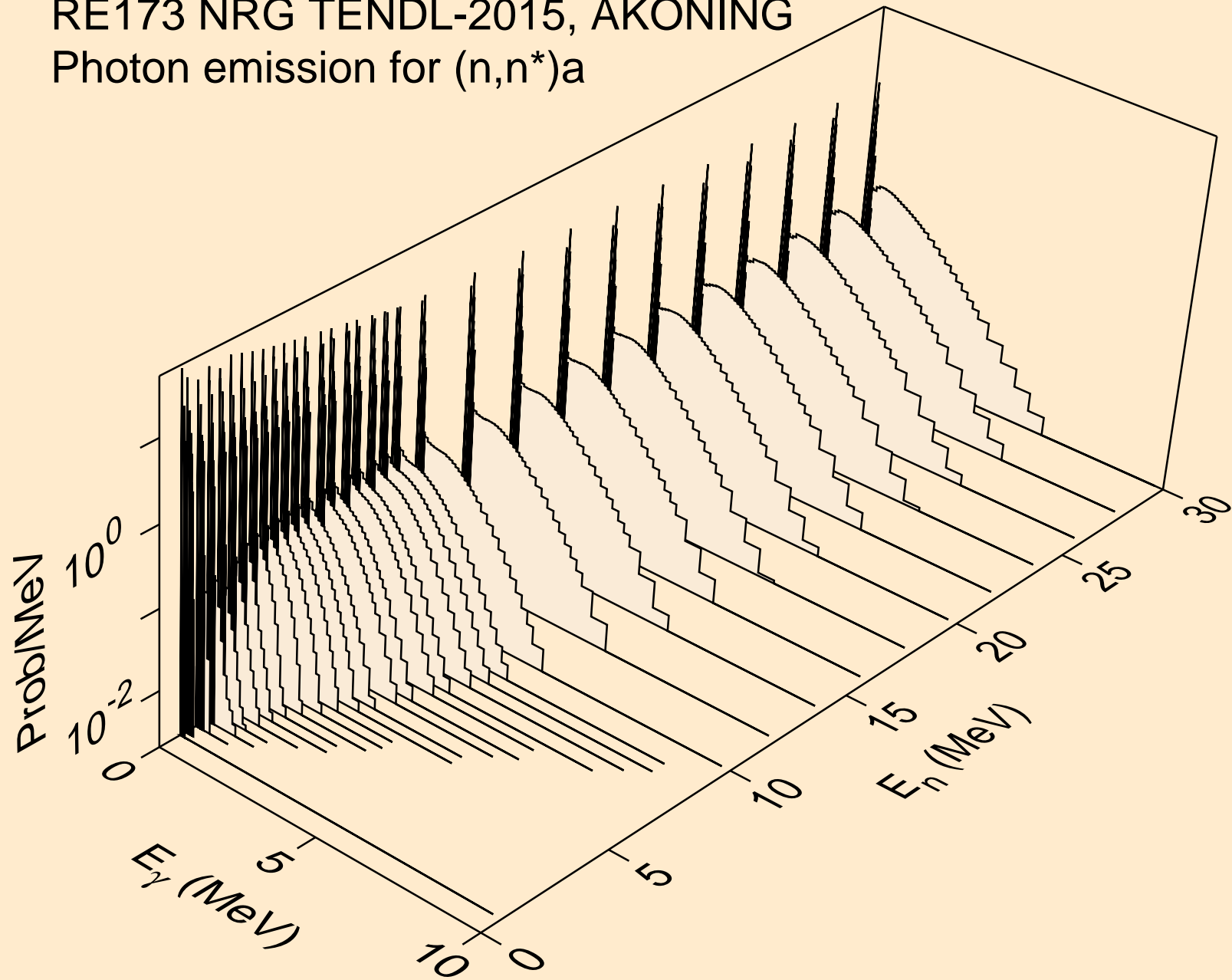




RE173 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

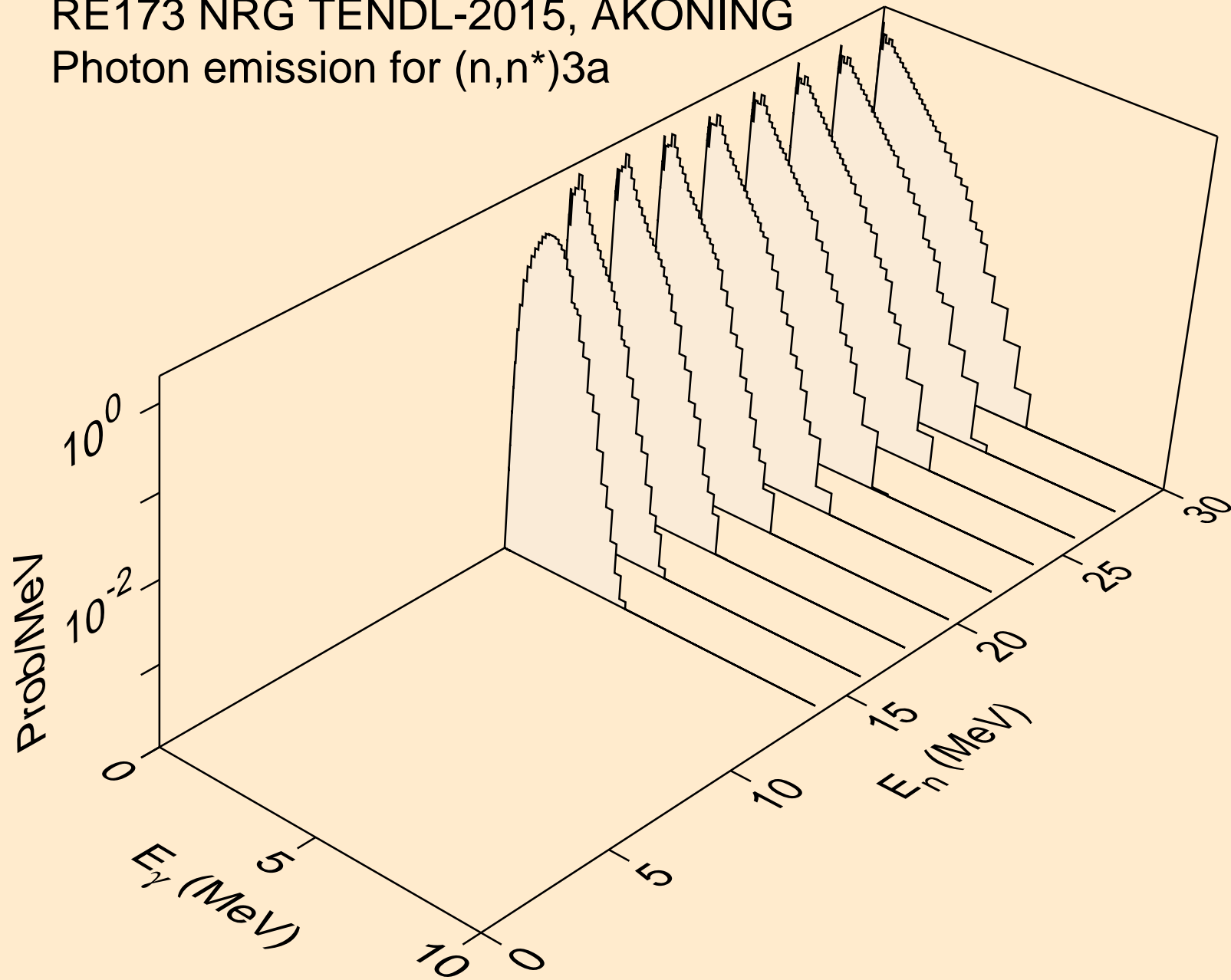


RE173 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

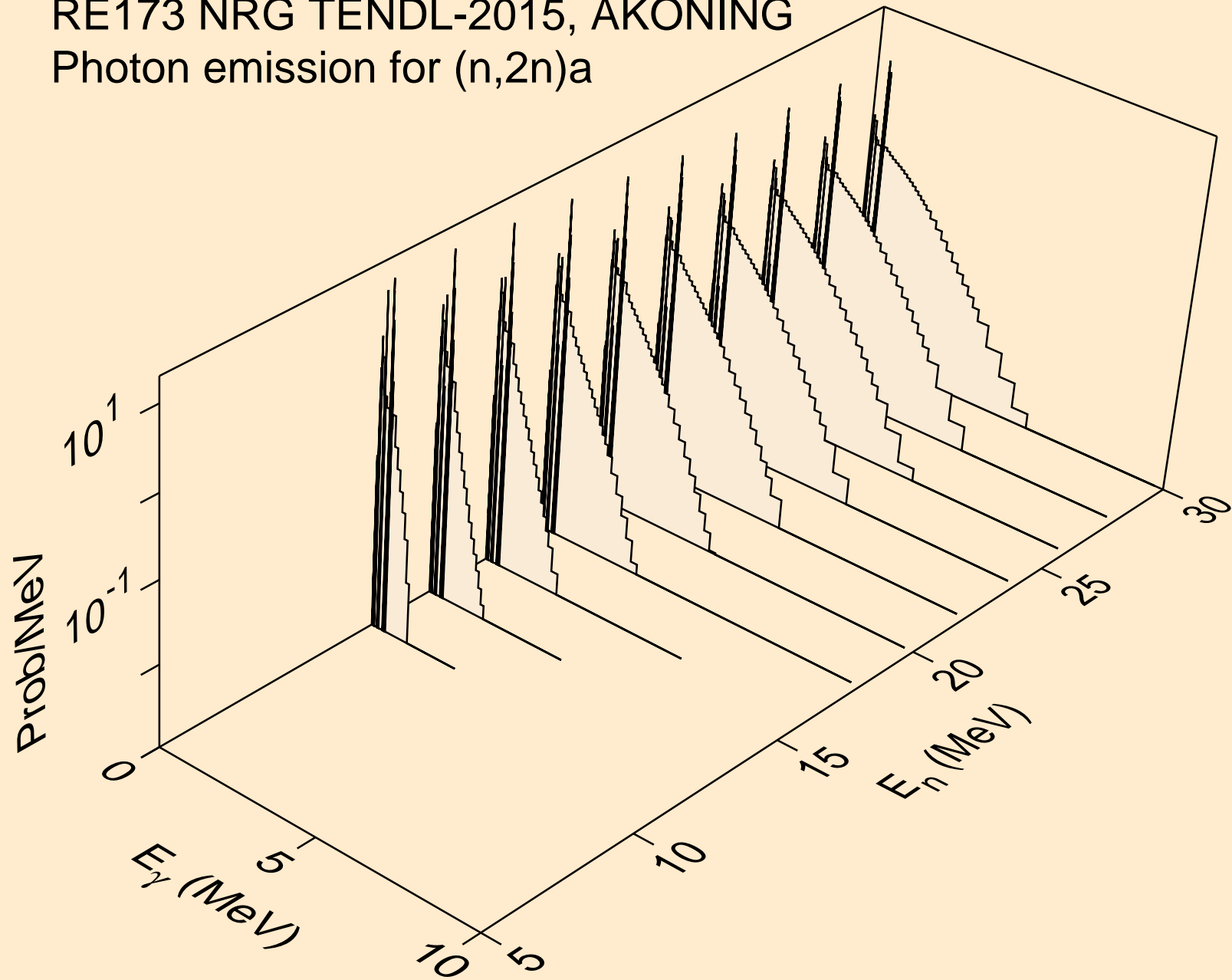


RE173 NRG TENDL-2015, AKONING

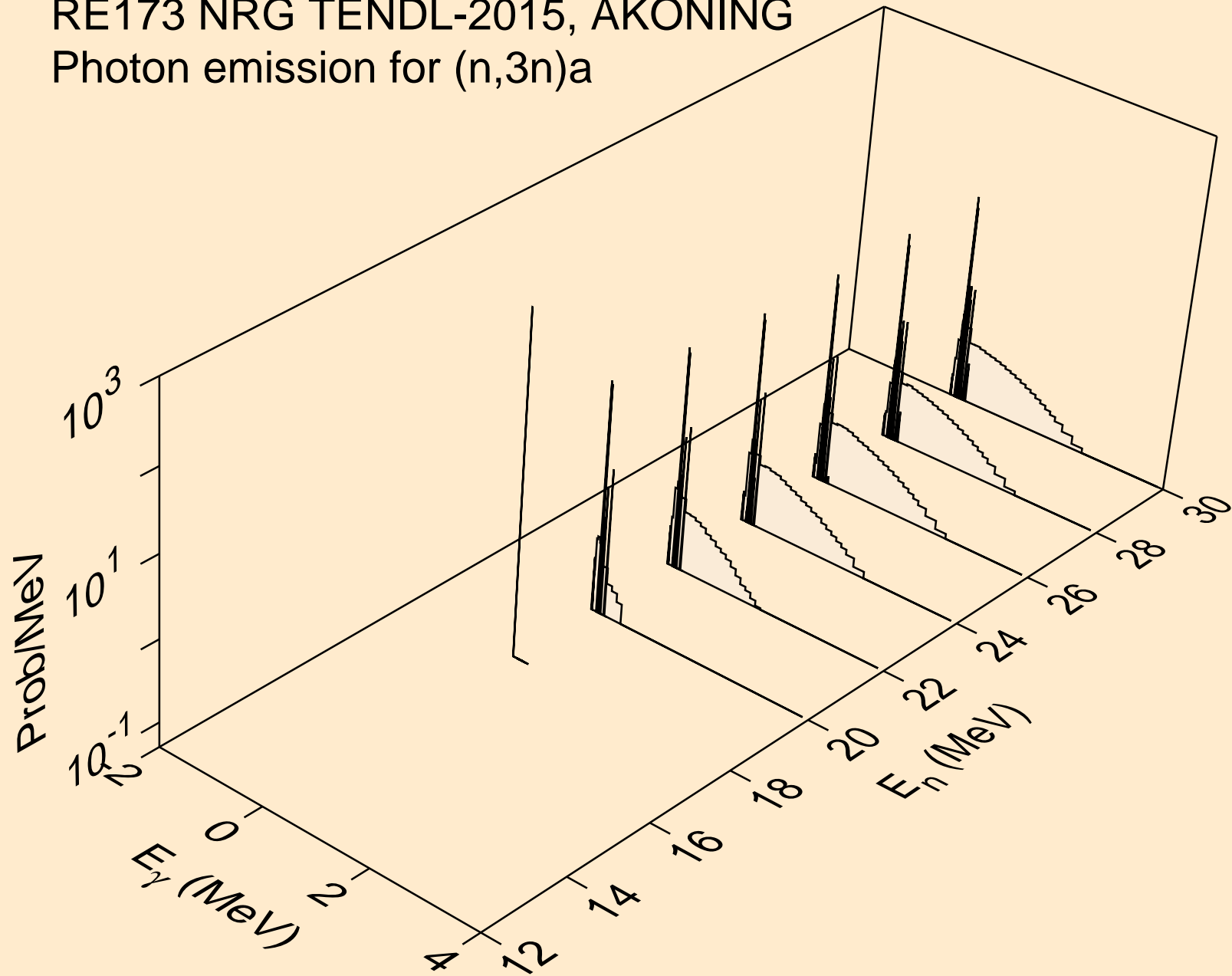
Photon emission for (n,n\*)3a



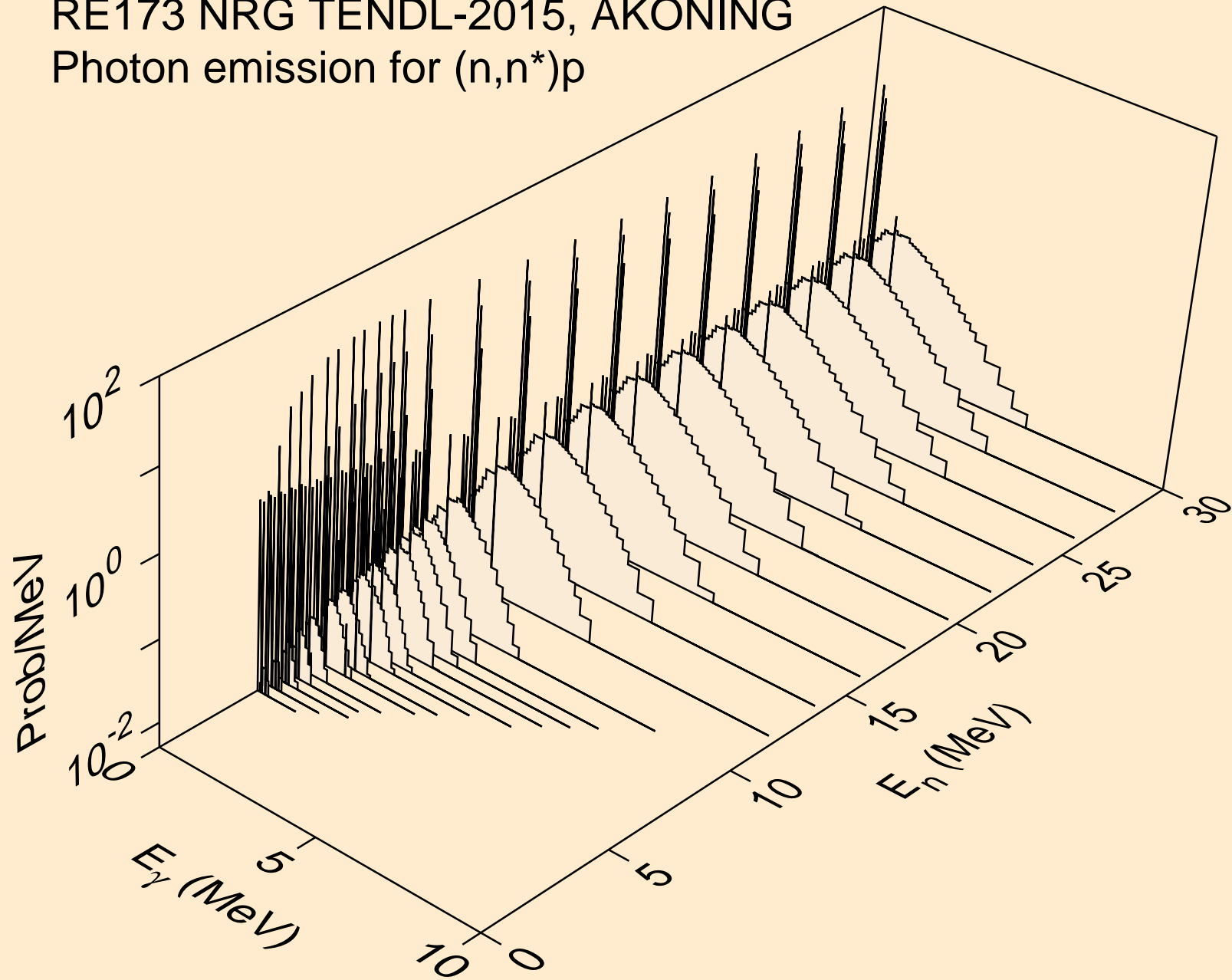
RE173 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



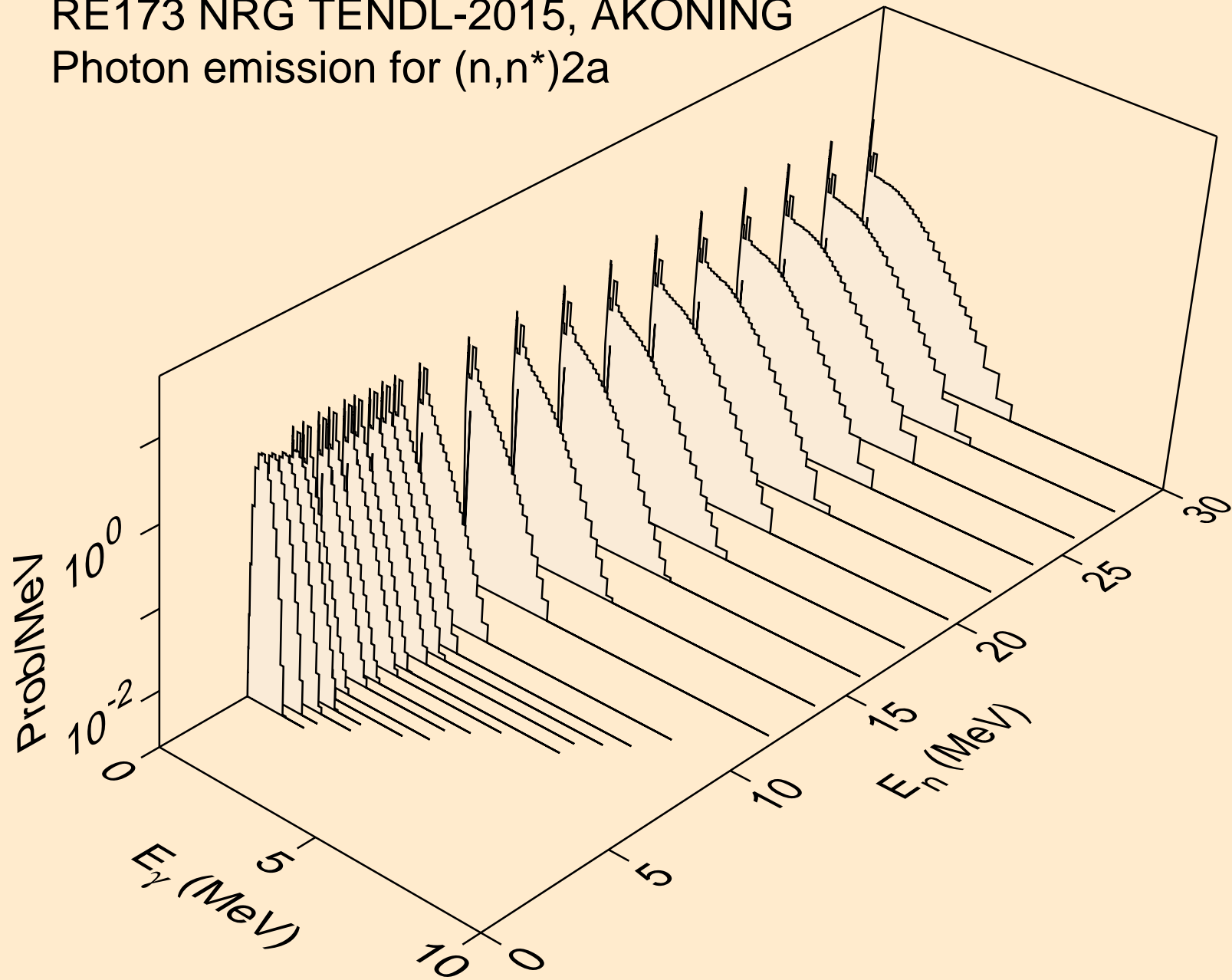
RE173 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



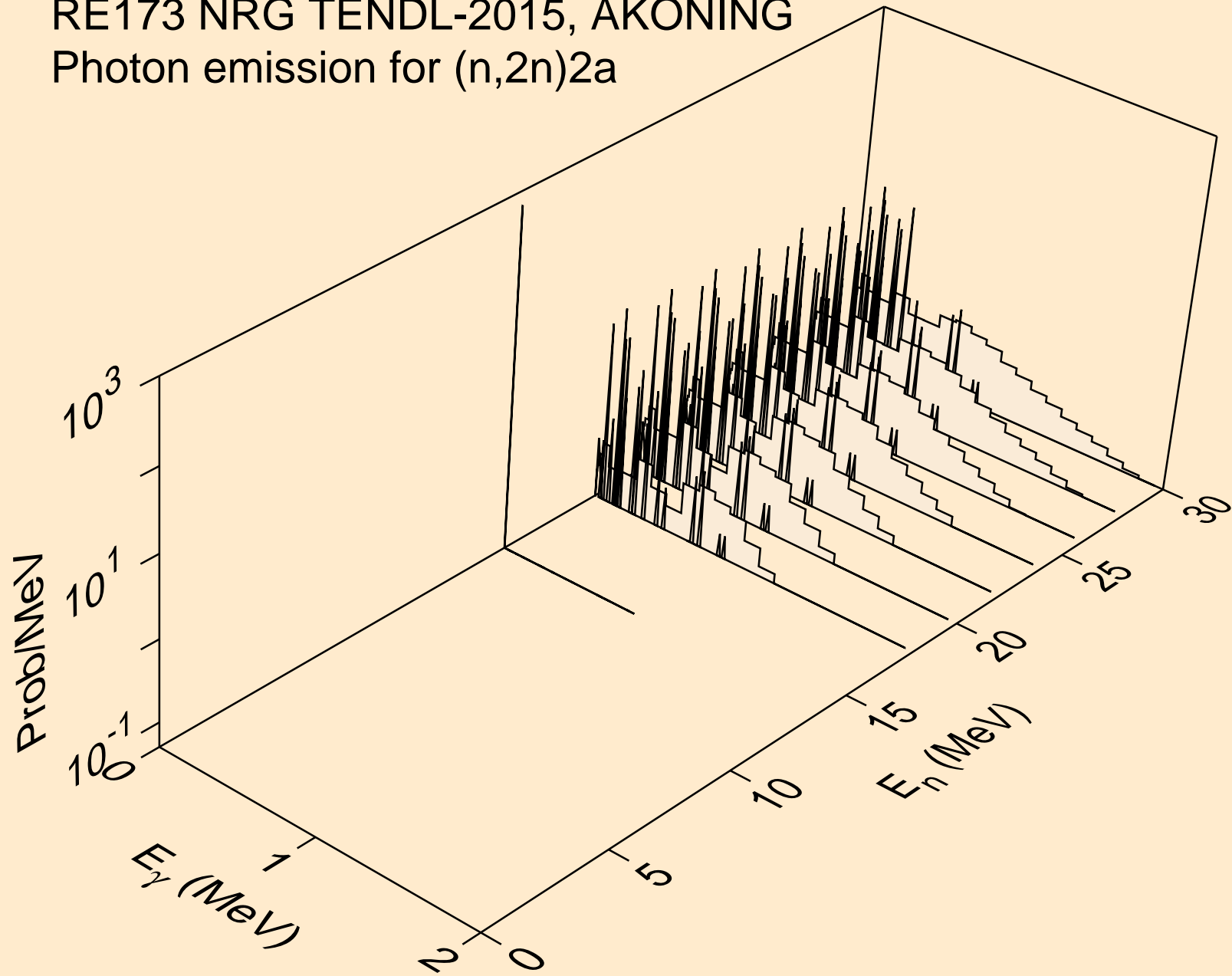
RE173 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



RE173 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



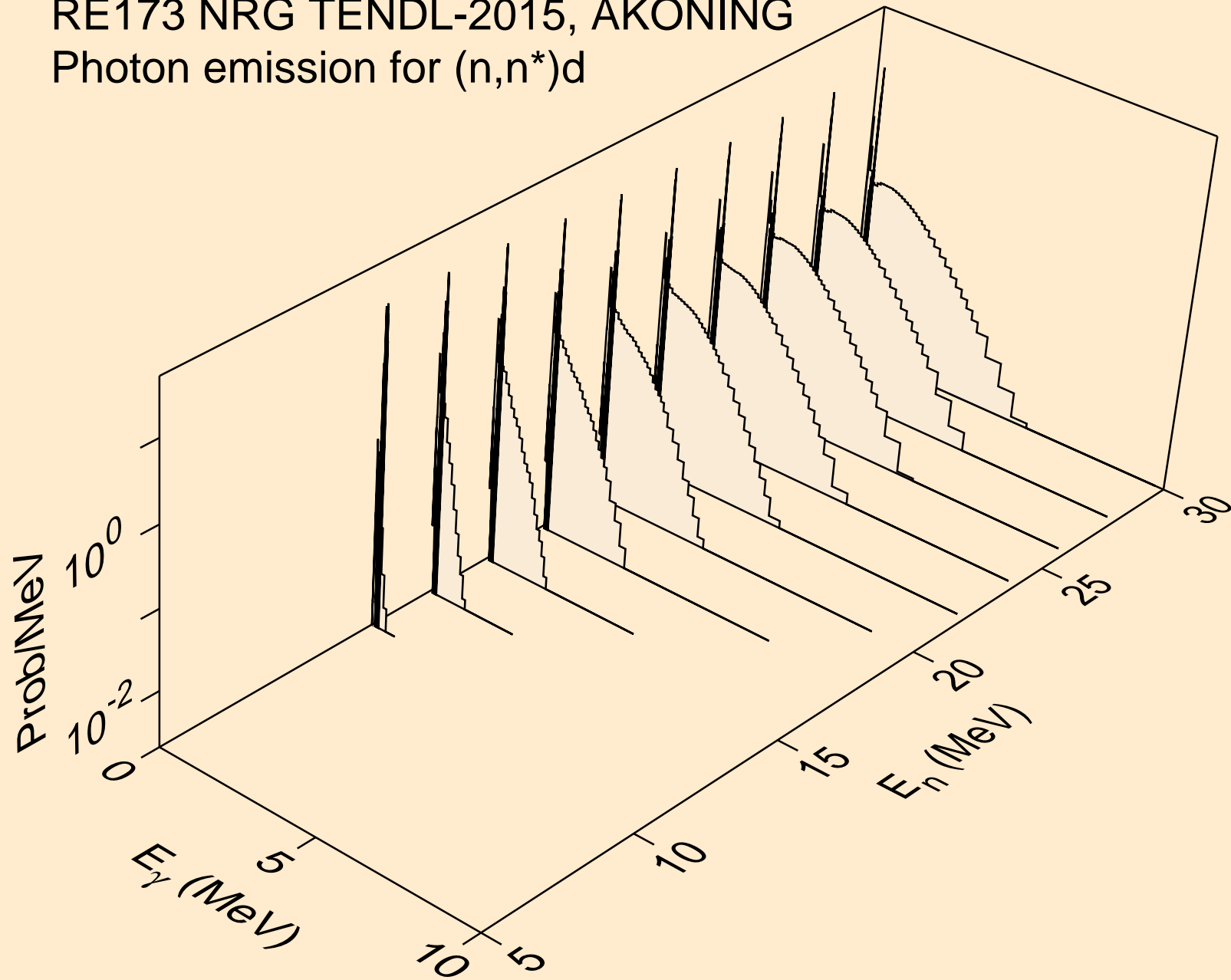
RE173 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



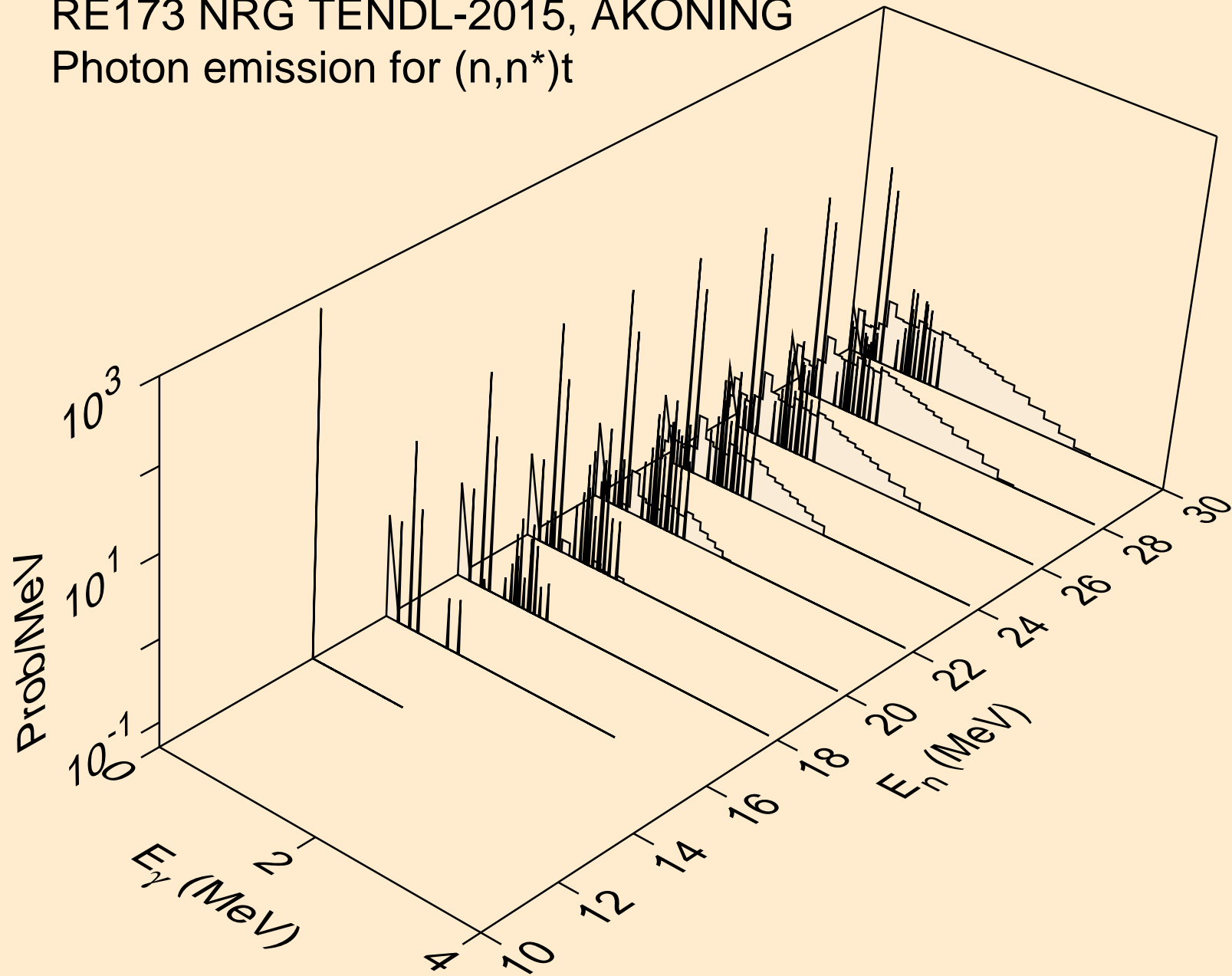


RE173 NRG TENDL-2015, AKONING

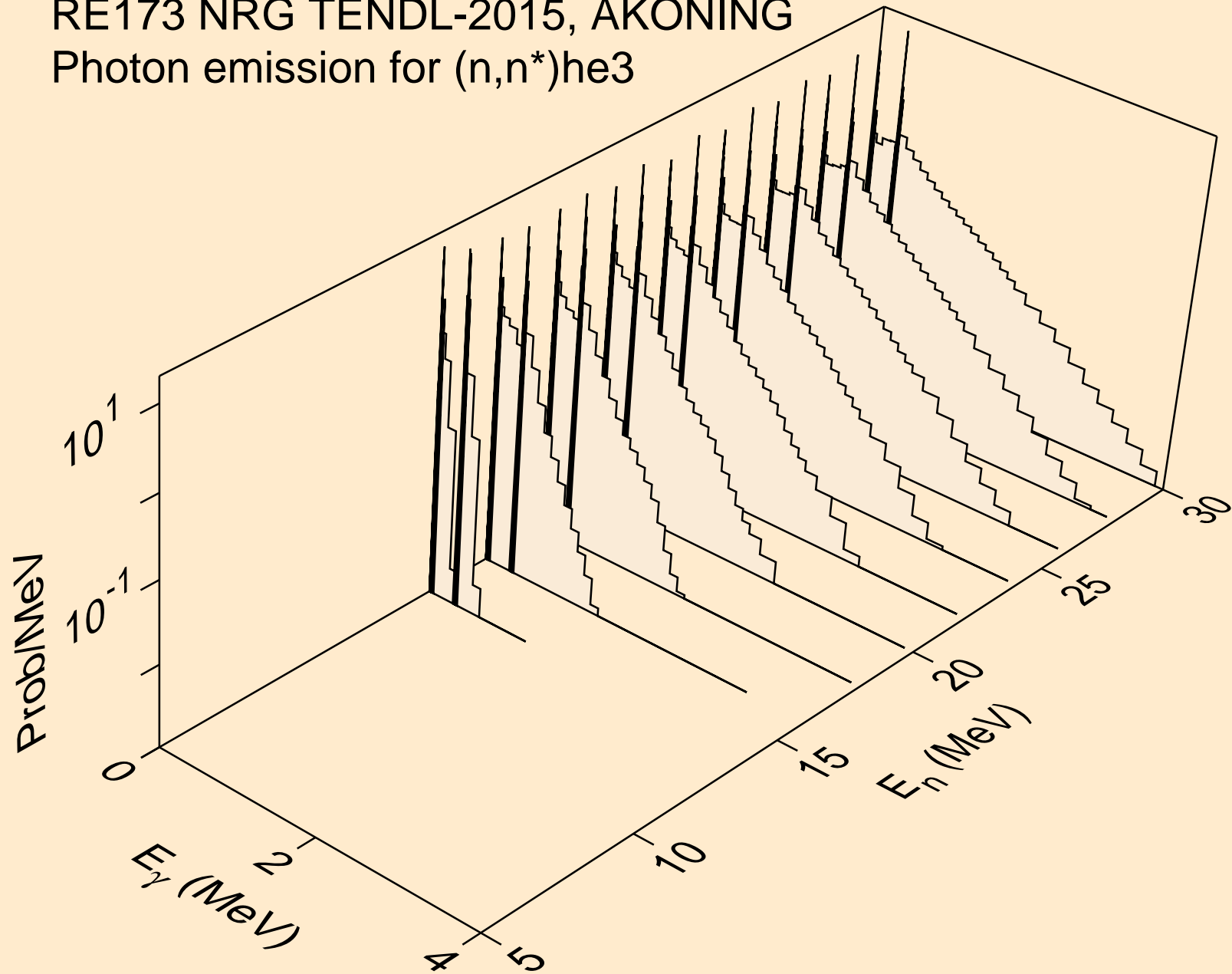
Photon emission for (n,n\*)d



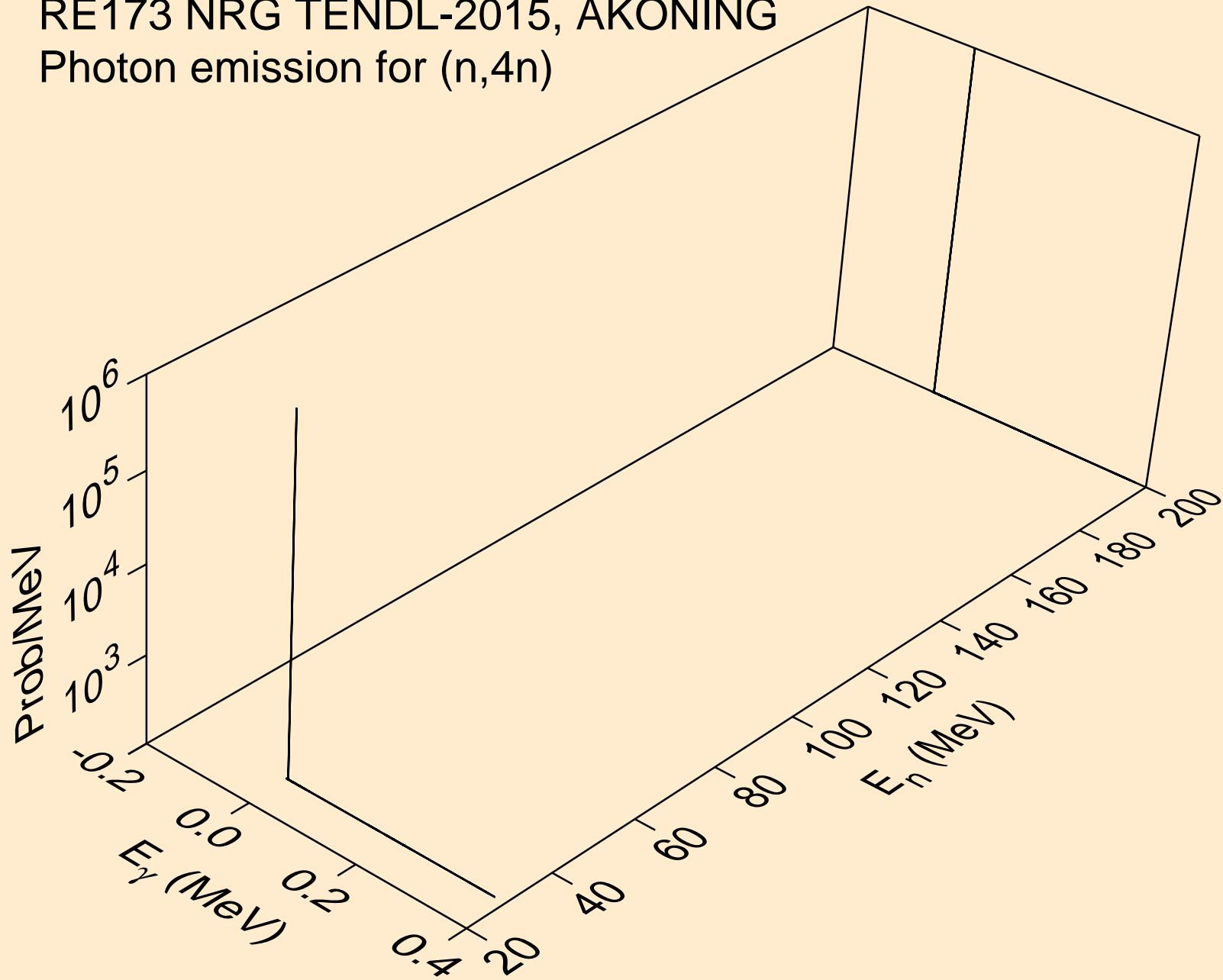
RE173 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



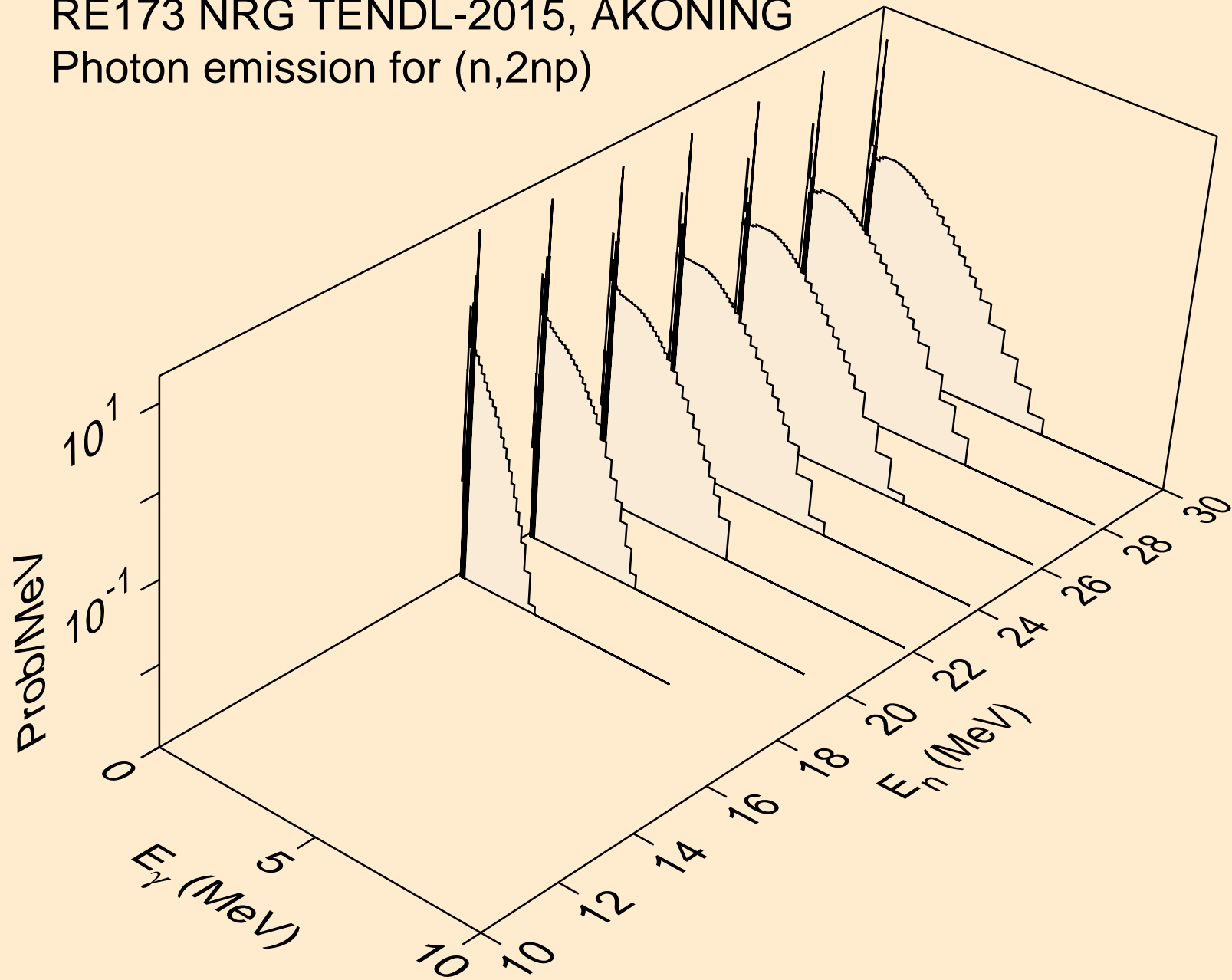
RE173 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



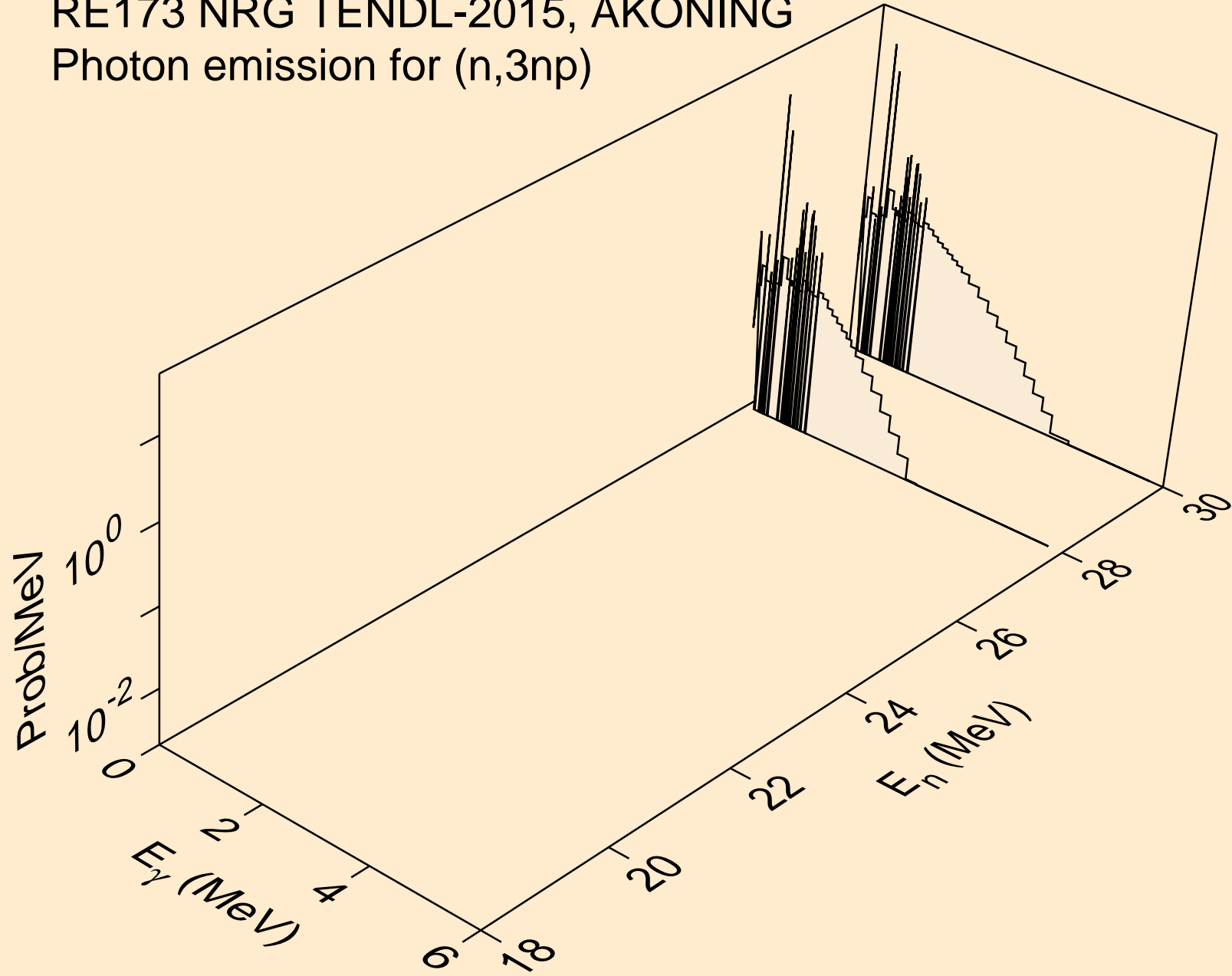
RE173 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



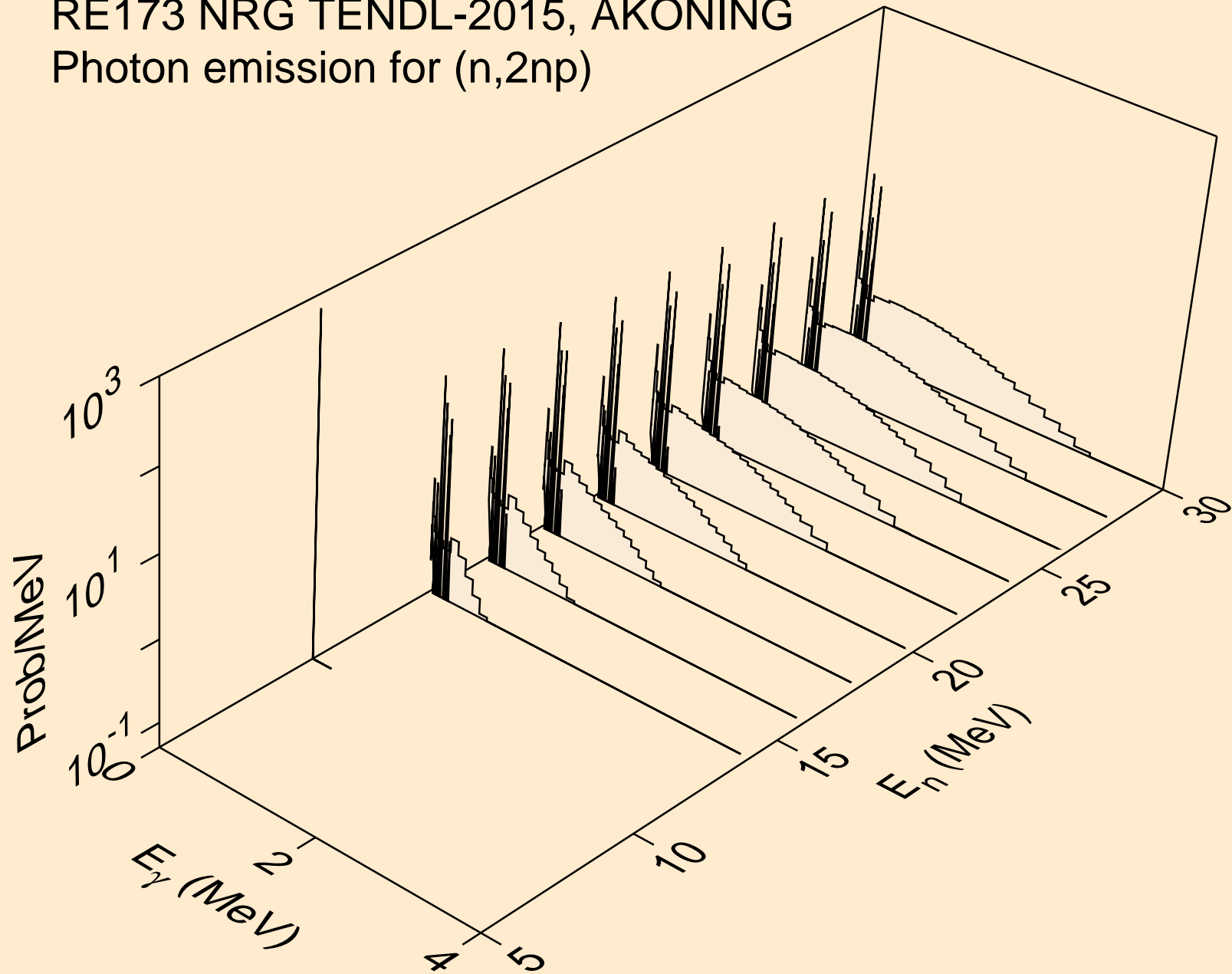
RE173 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



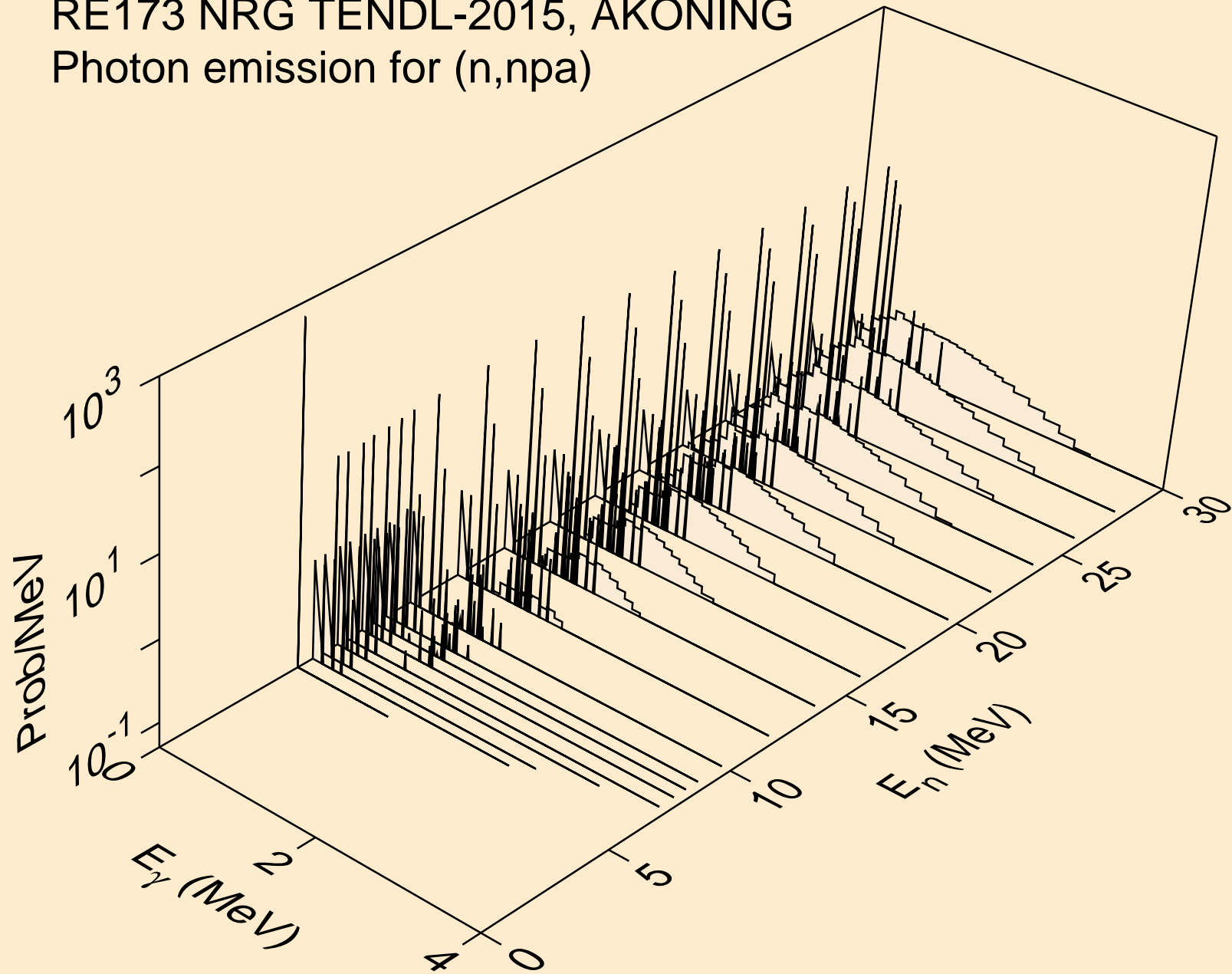
RE173 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



RE173 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

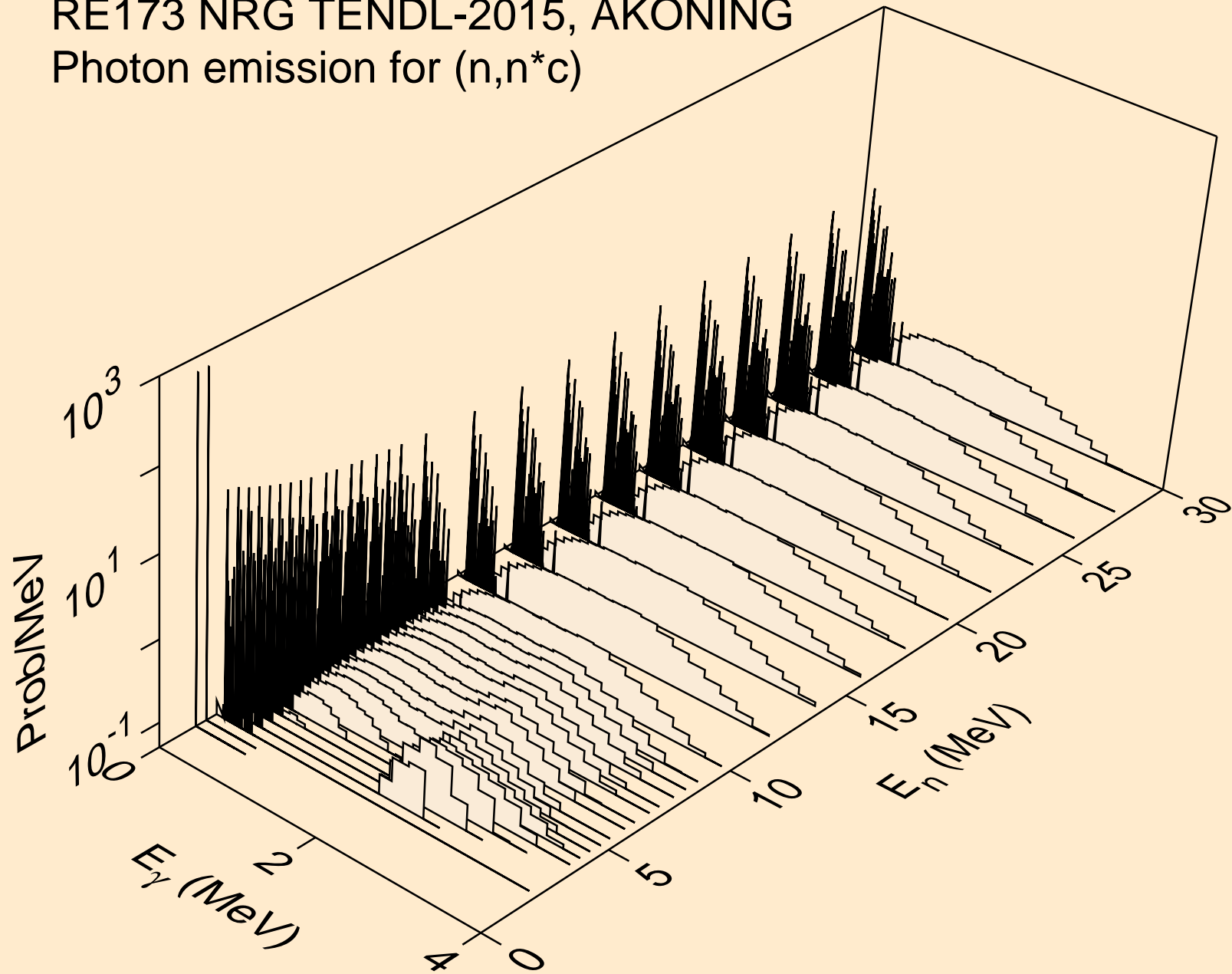


RE173 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



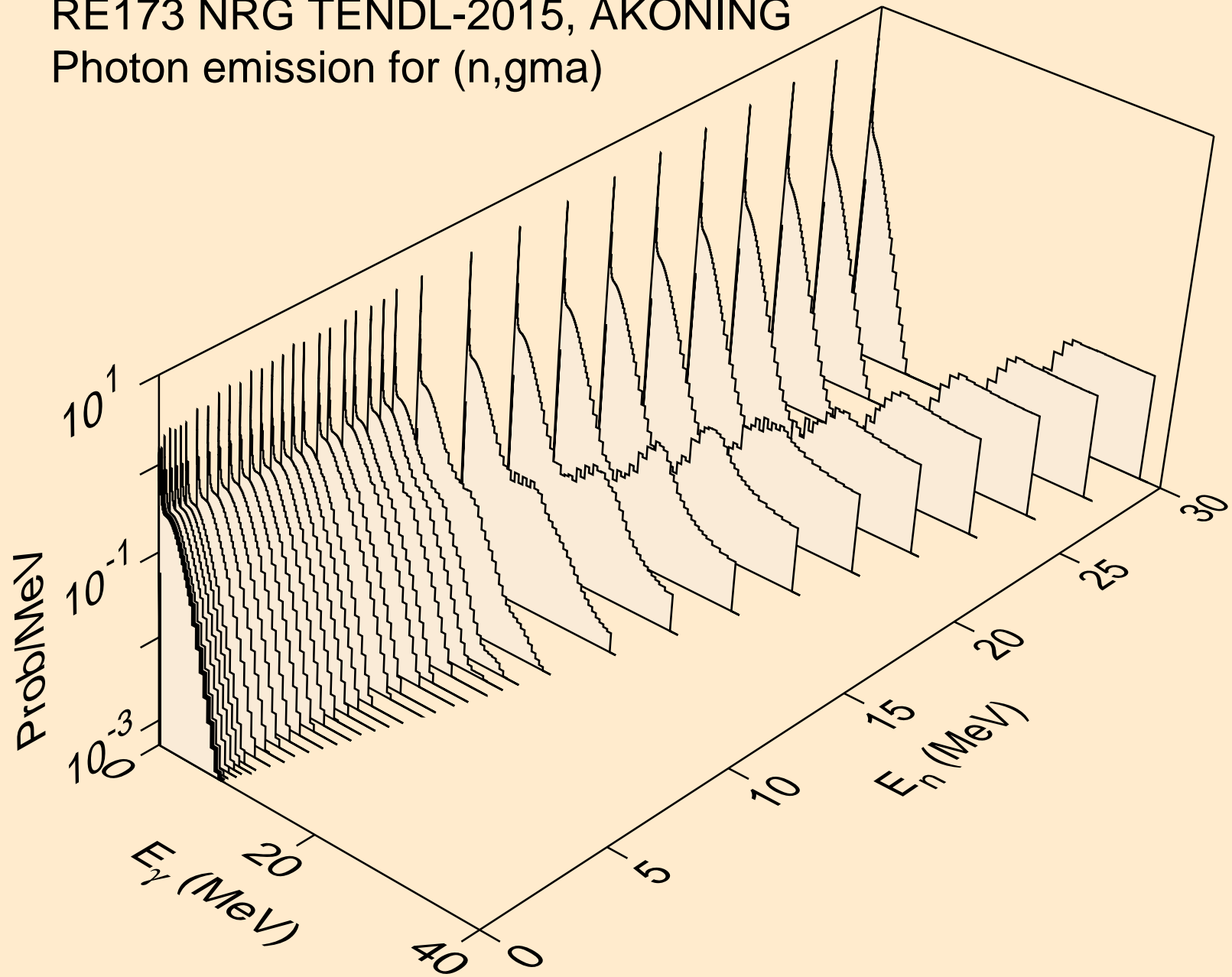


RE173 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

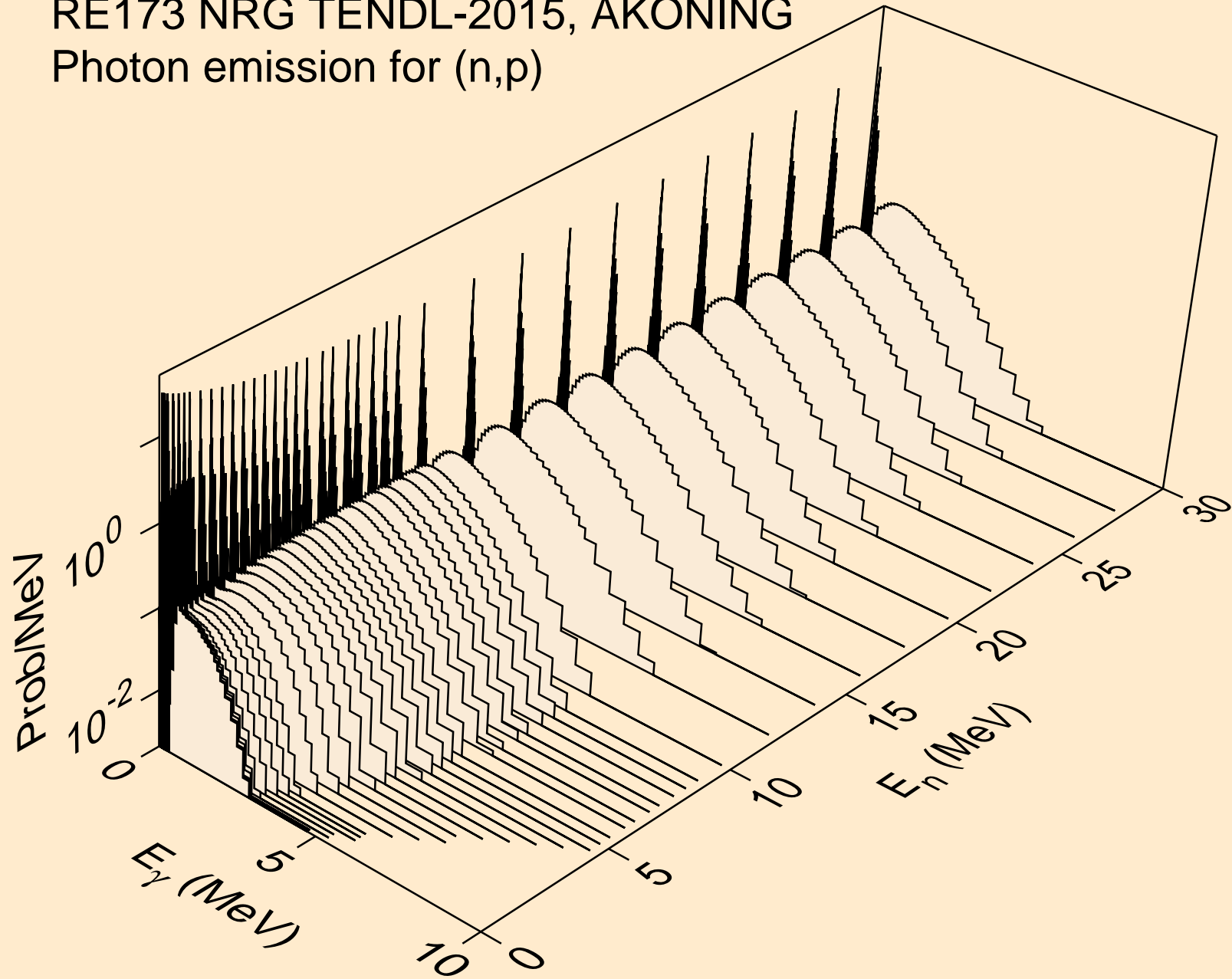


# RE173 NRG TENDL-2015, AKONING

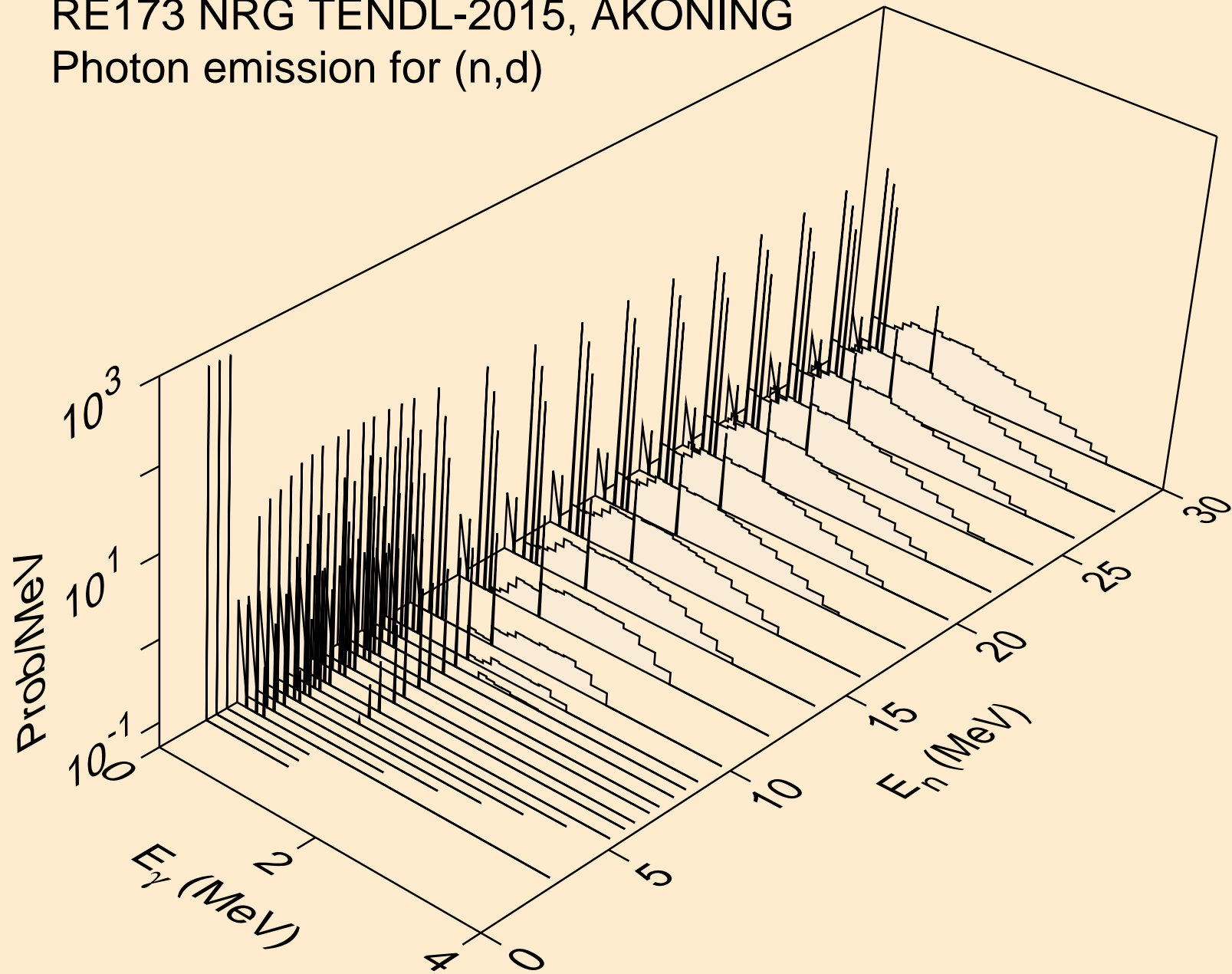
Photon emission for (n,gma)



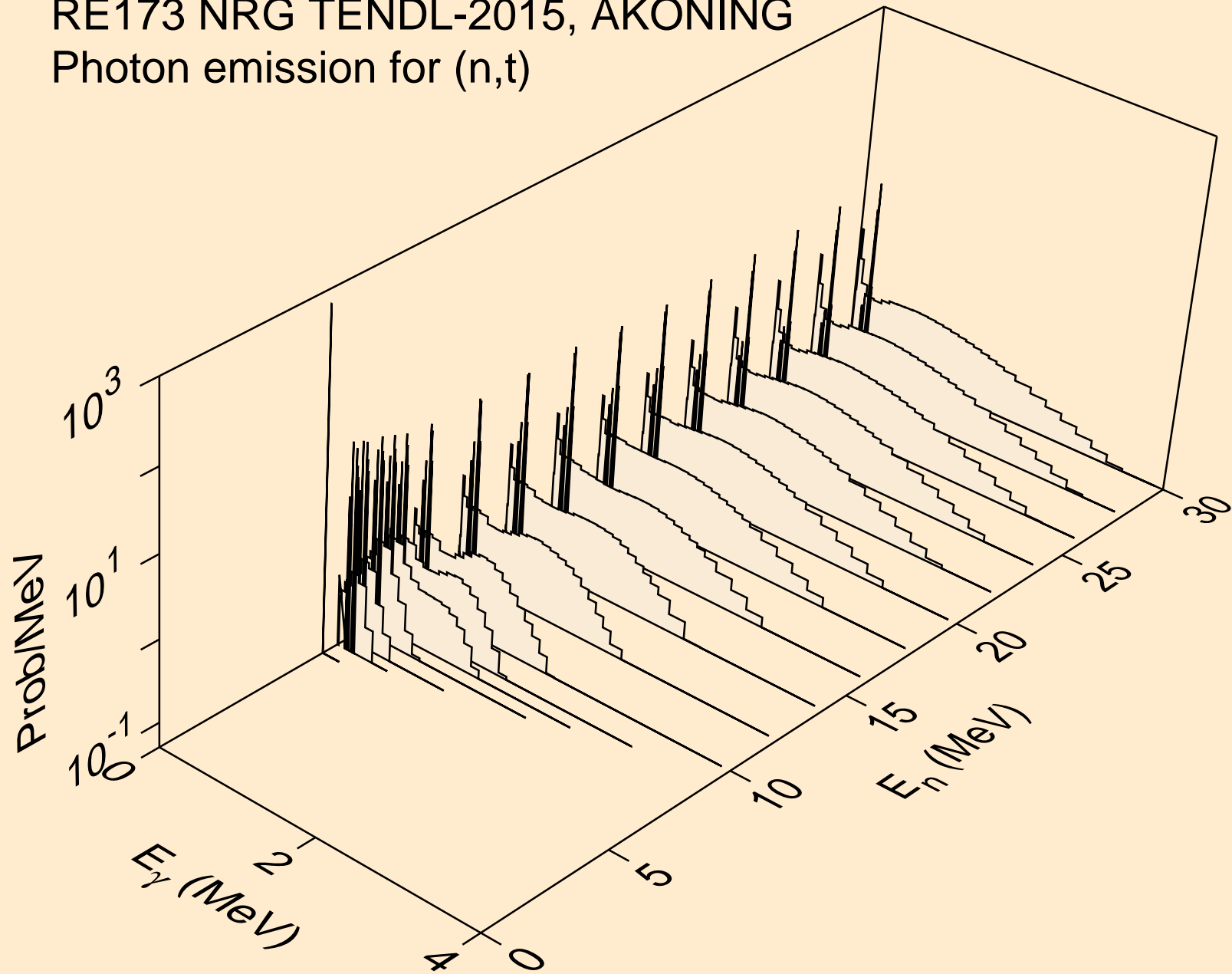
RE173 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



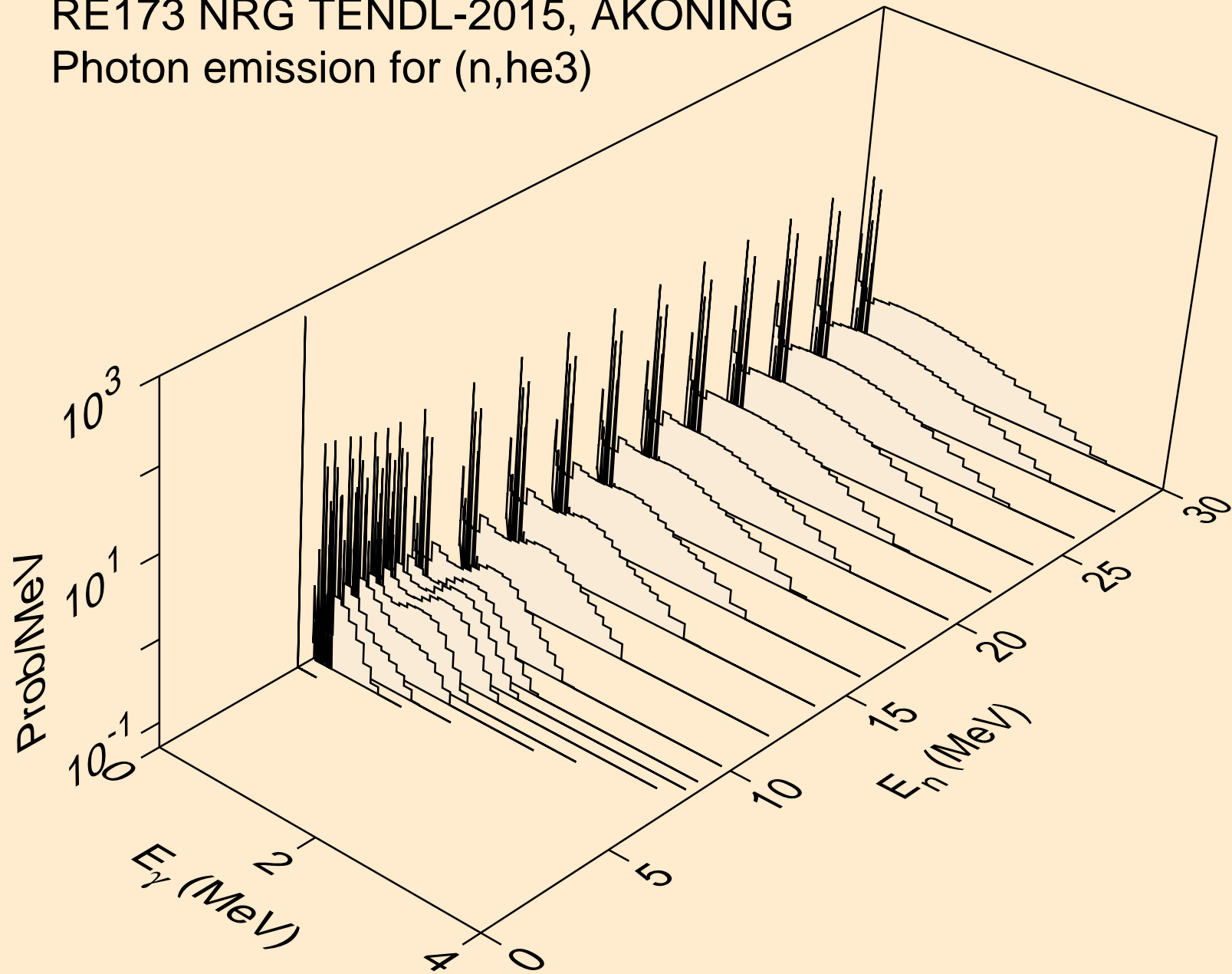
RE173 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



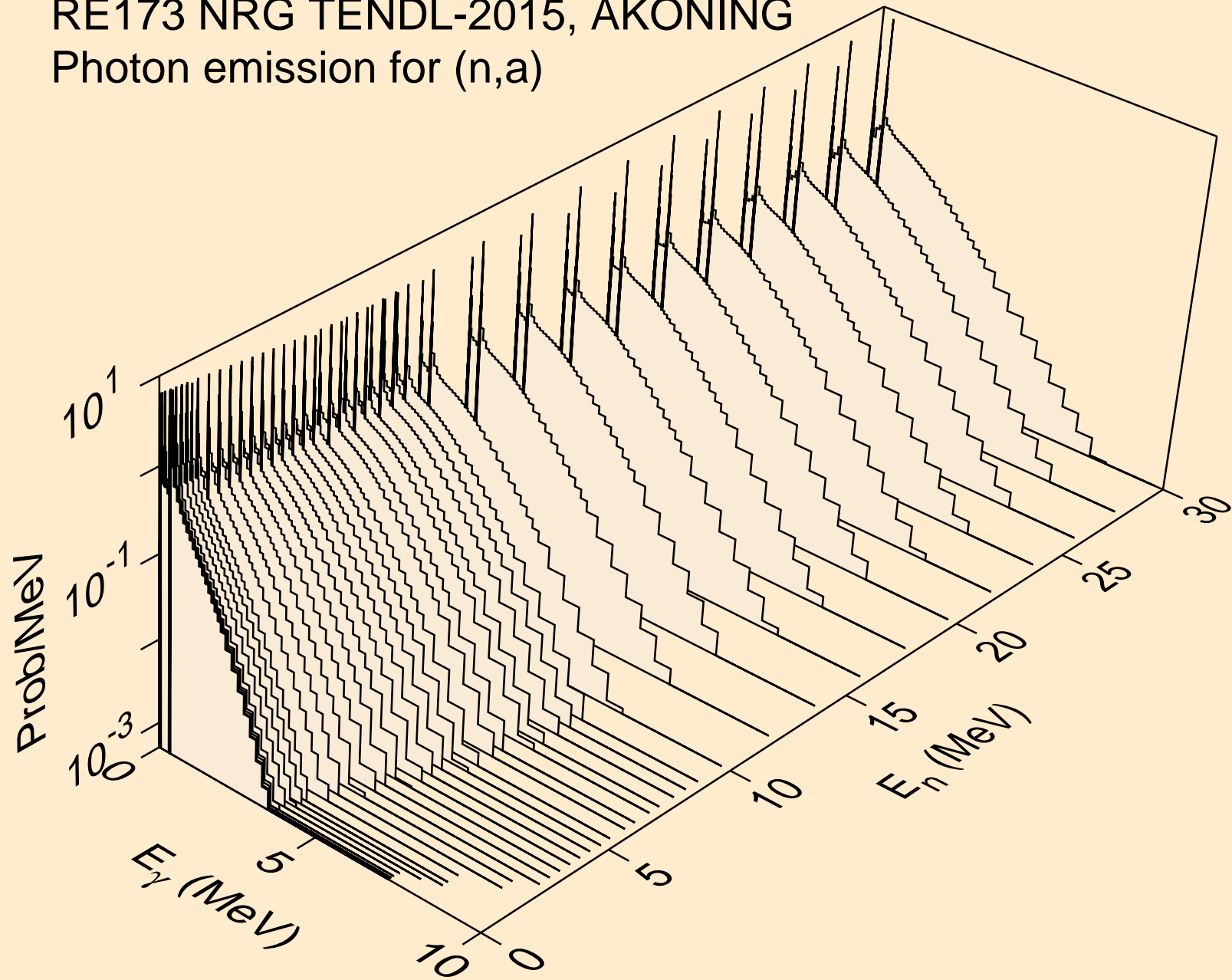
RE173 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



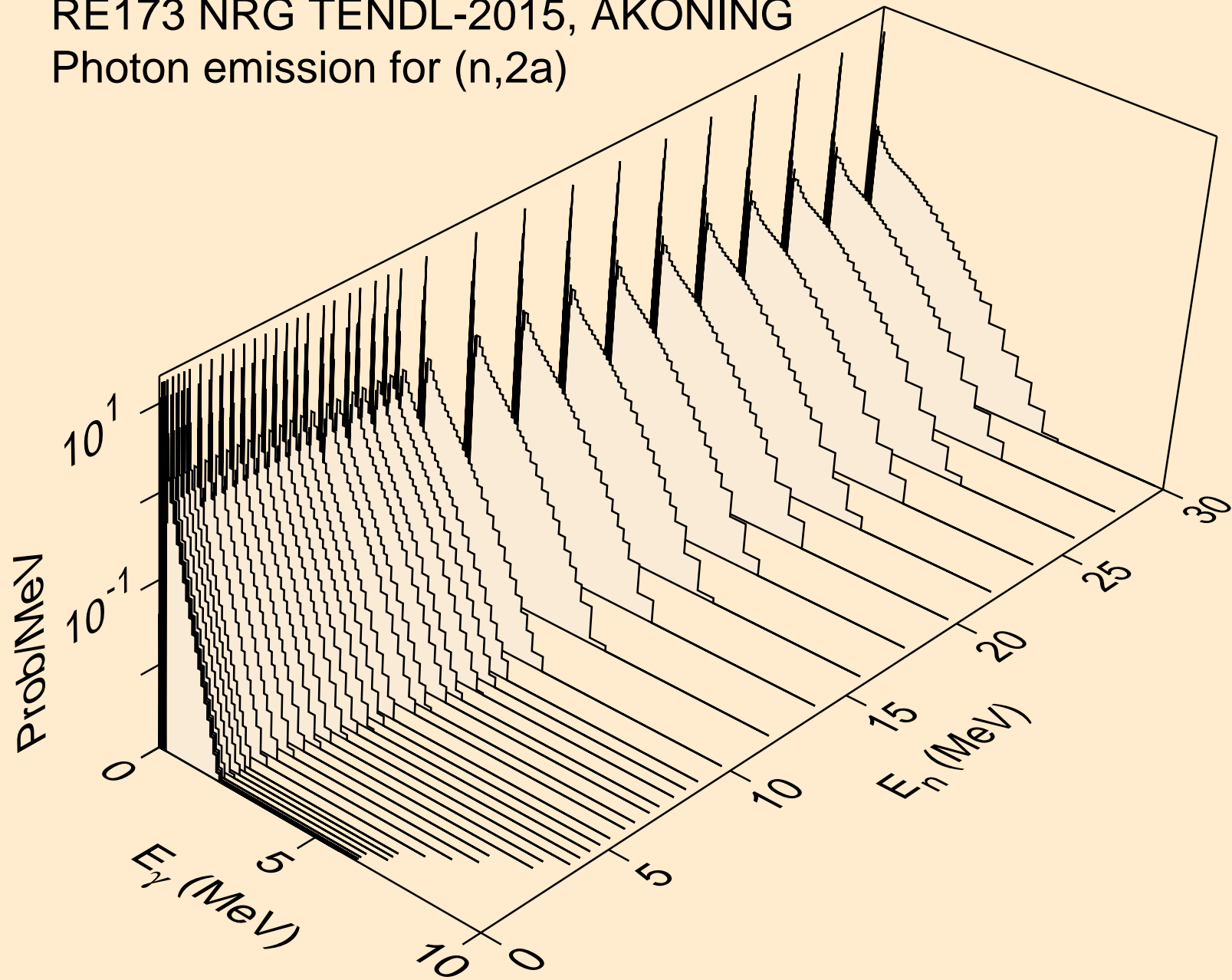
RE173 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



RE173 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

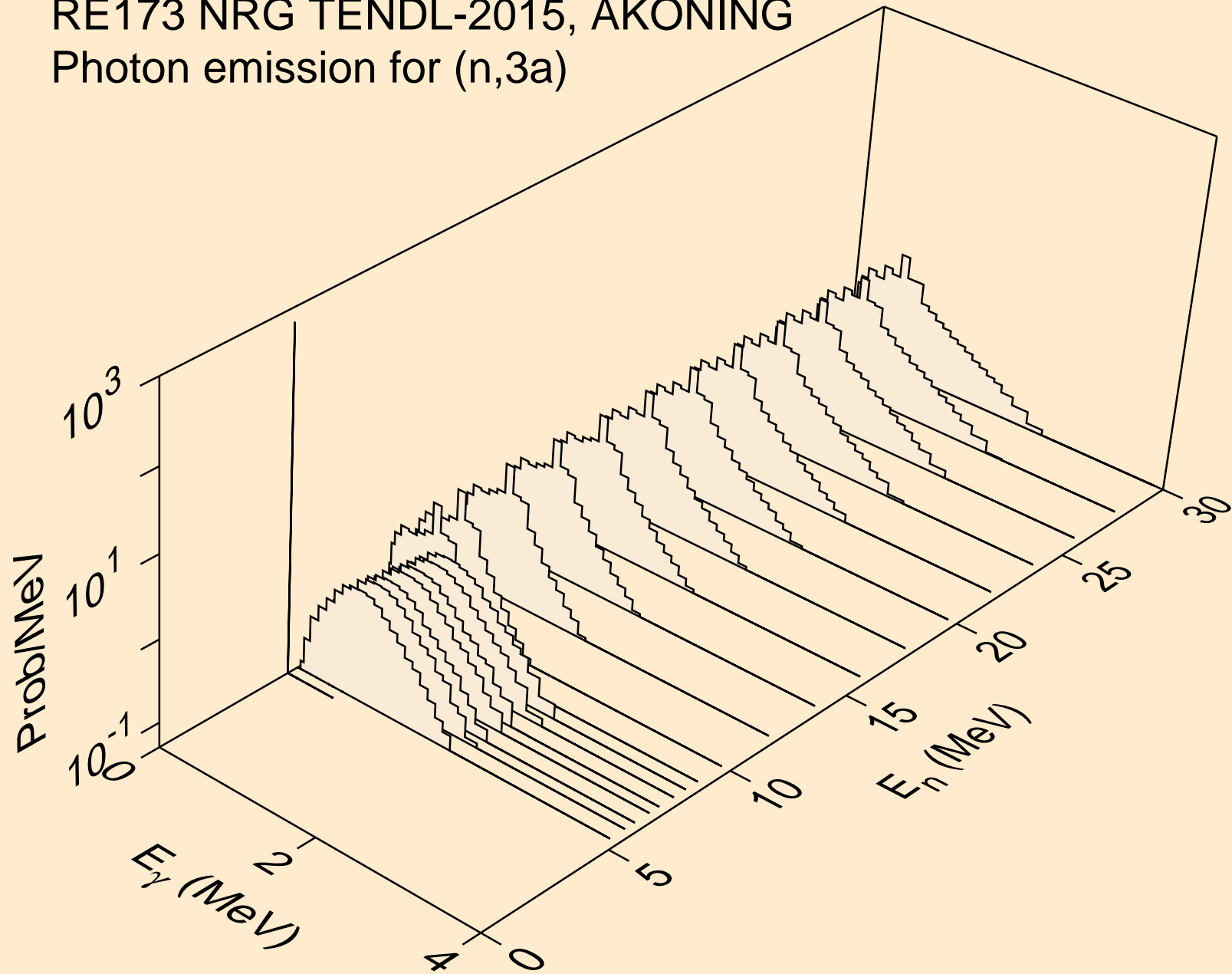


RE173 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

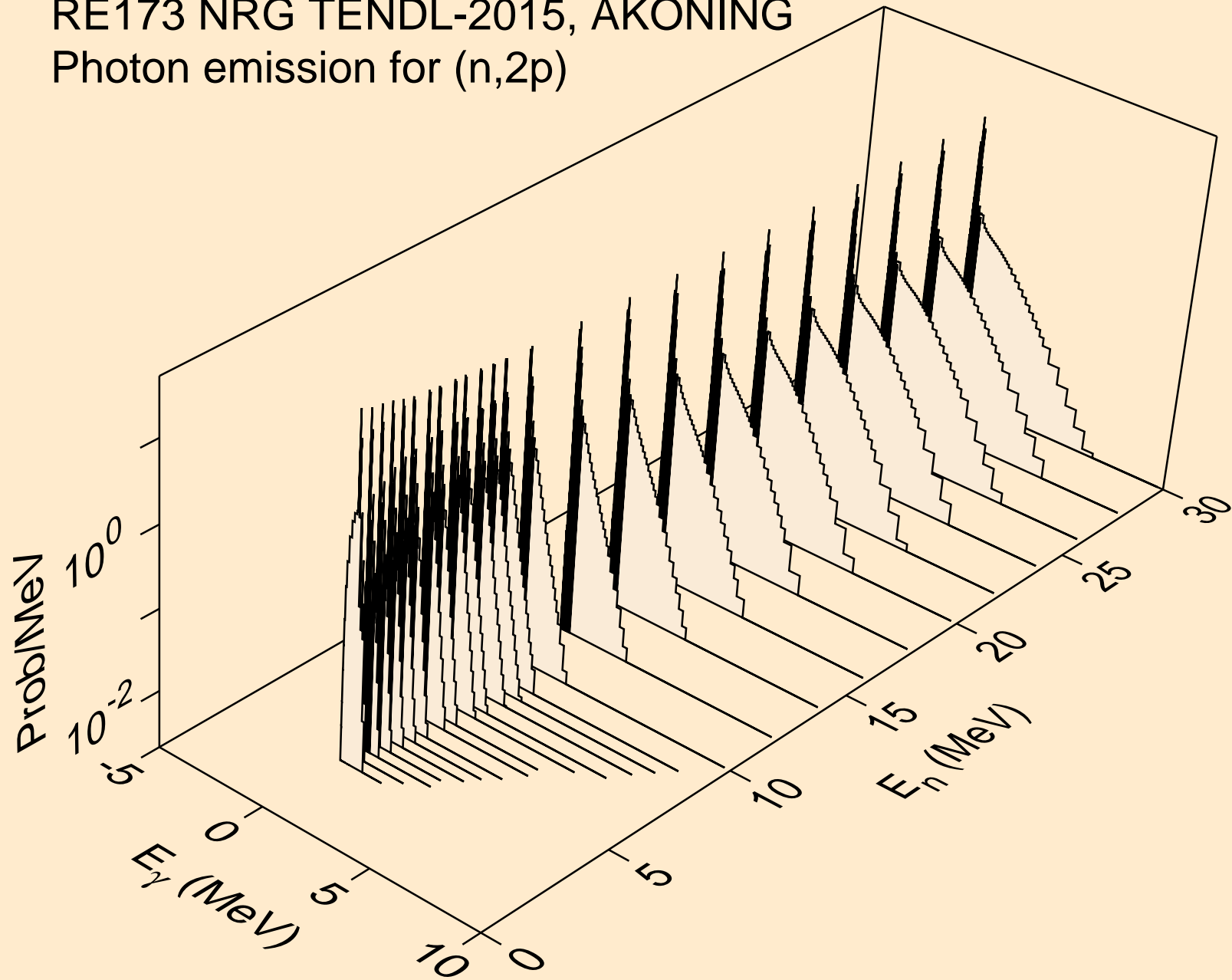




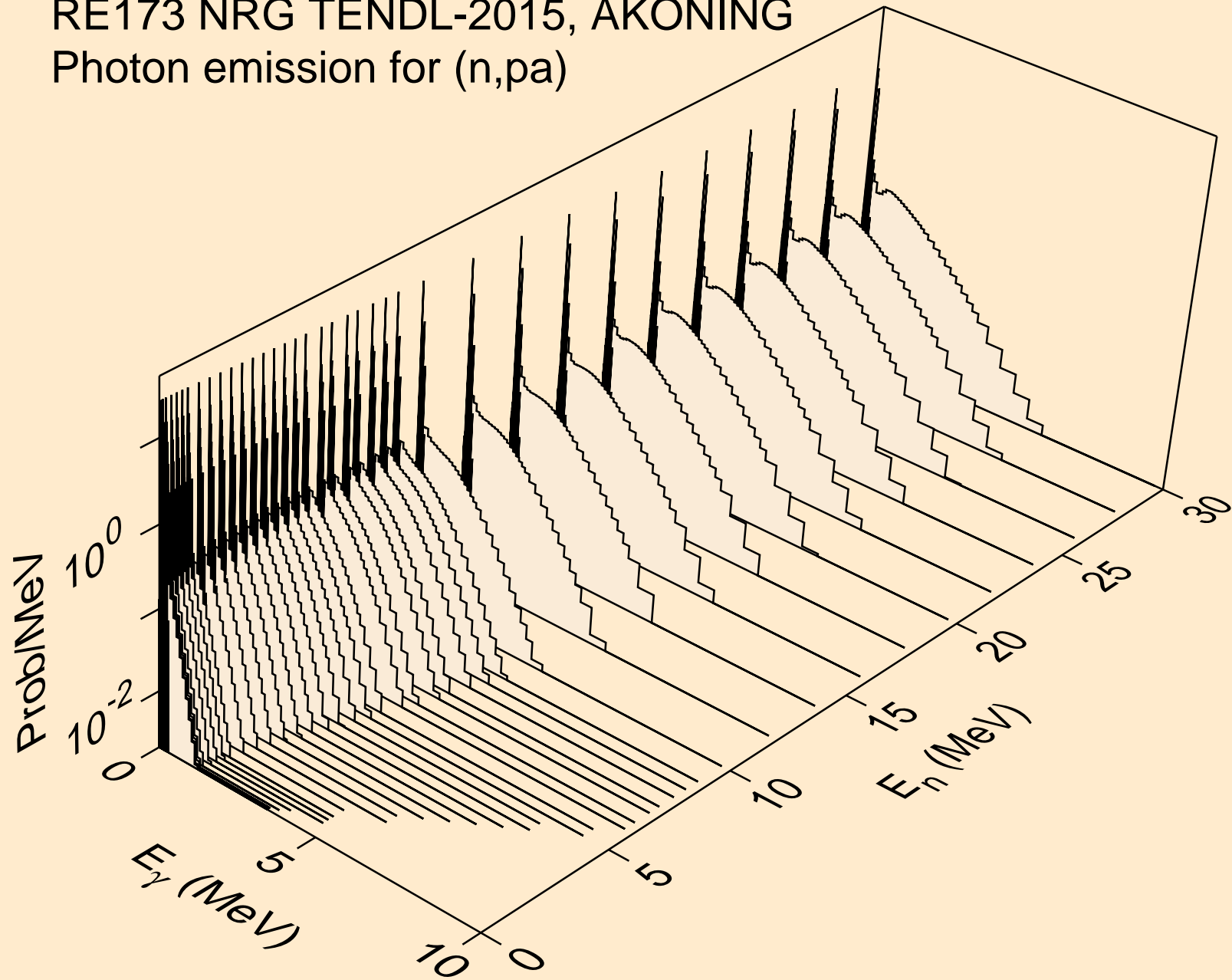
RE173 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



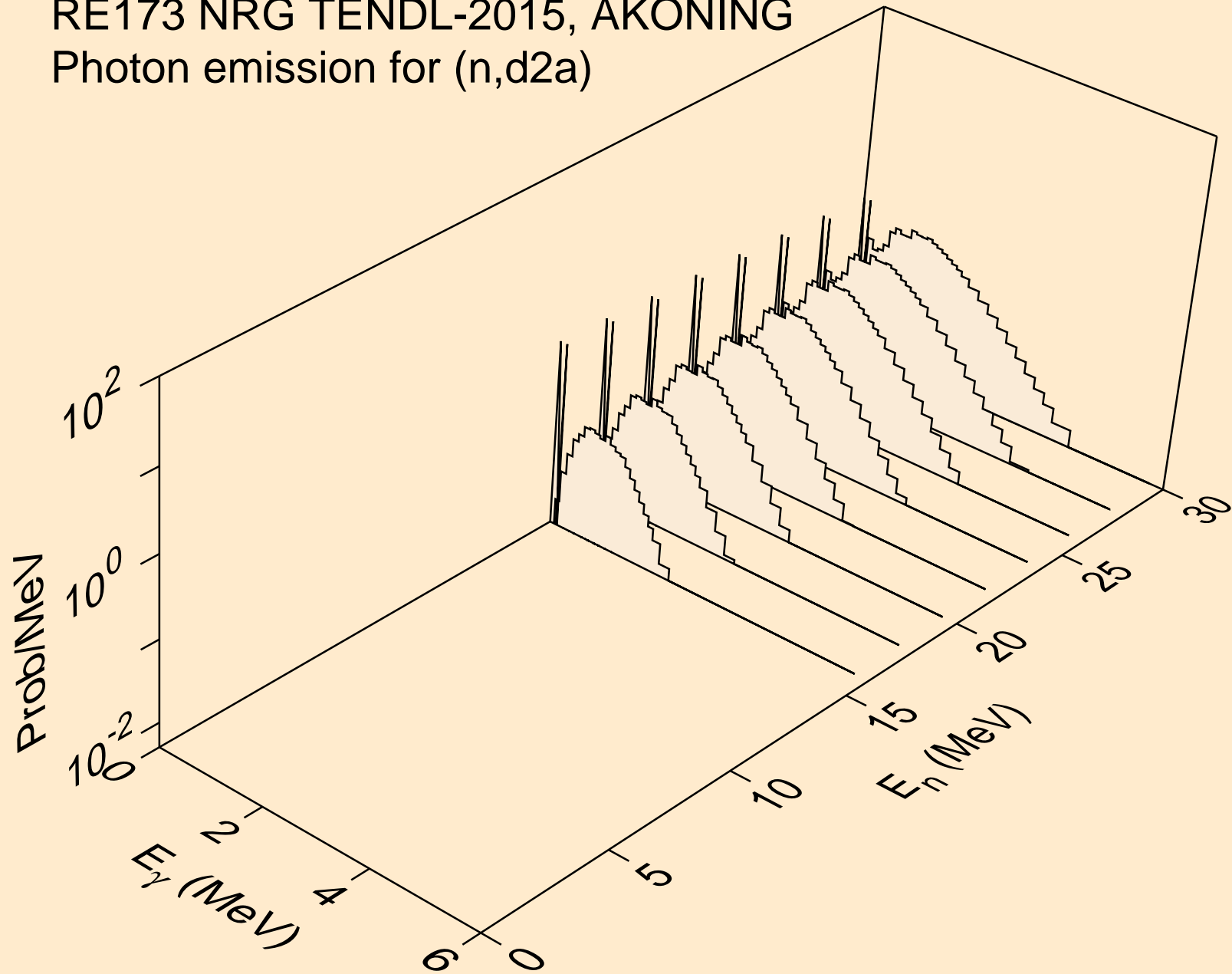
RE173 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



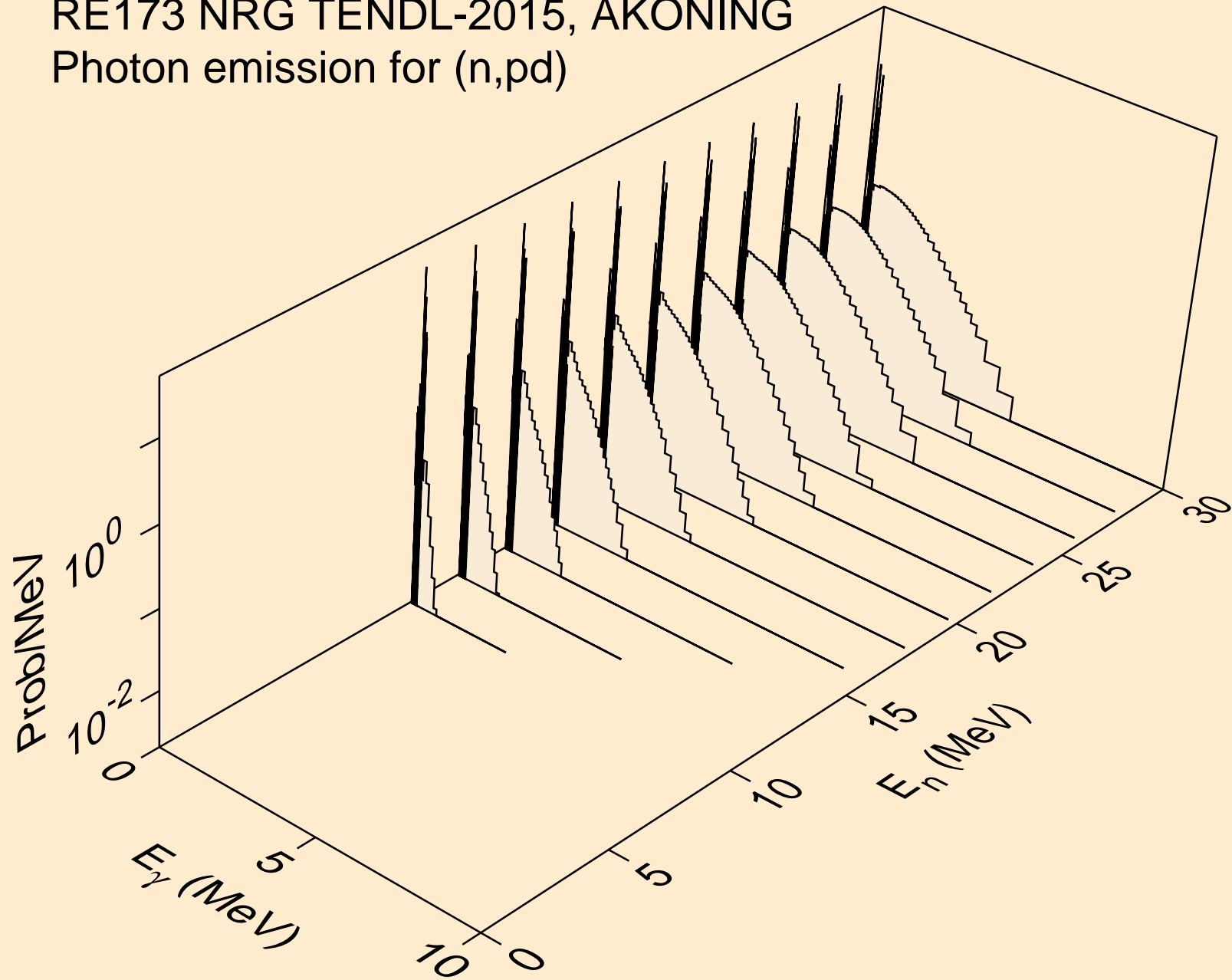
RE173 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



RE173 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)

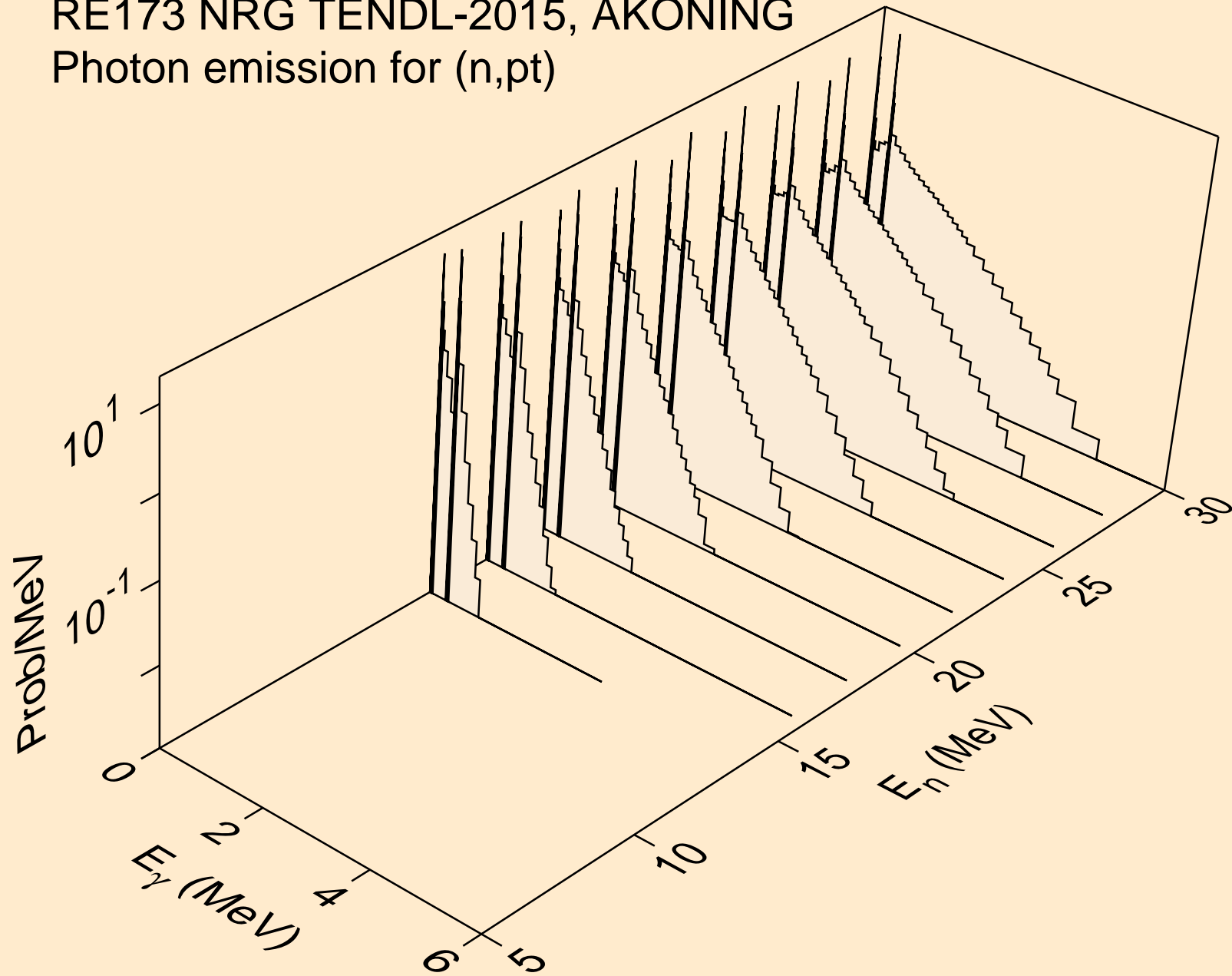


RE173 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

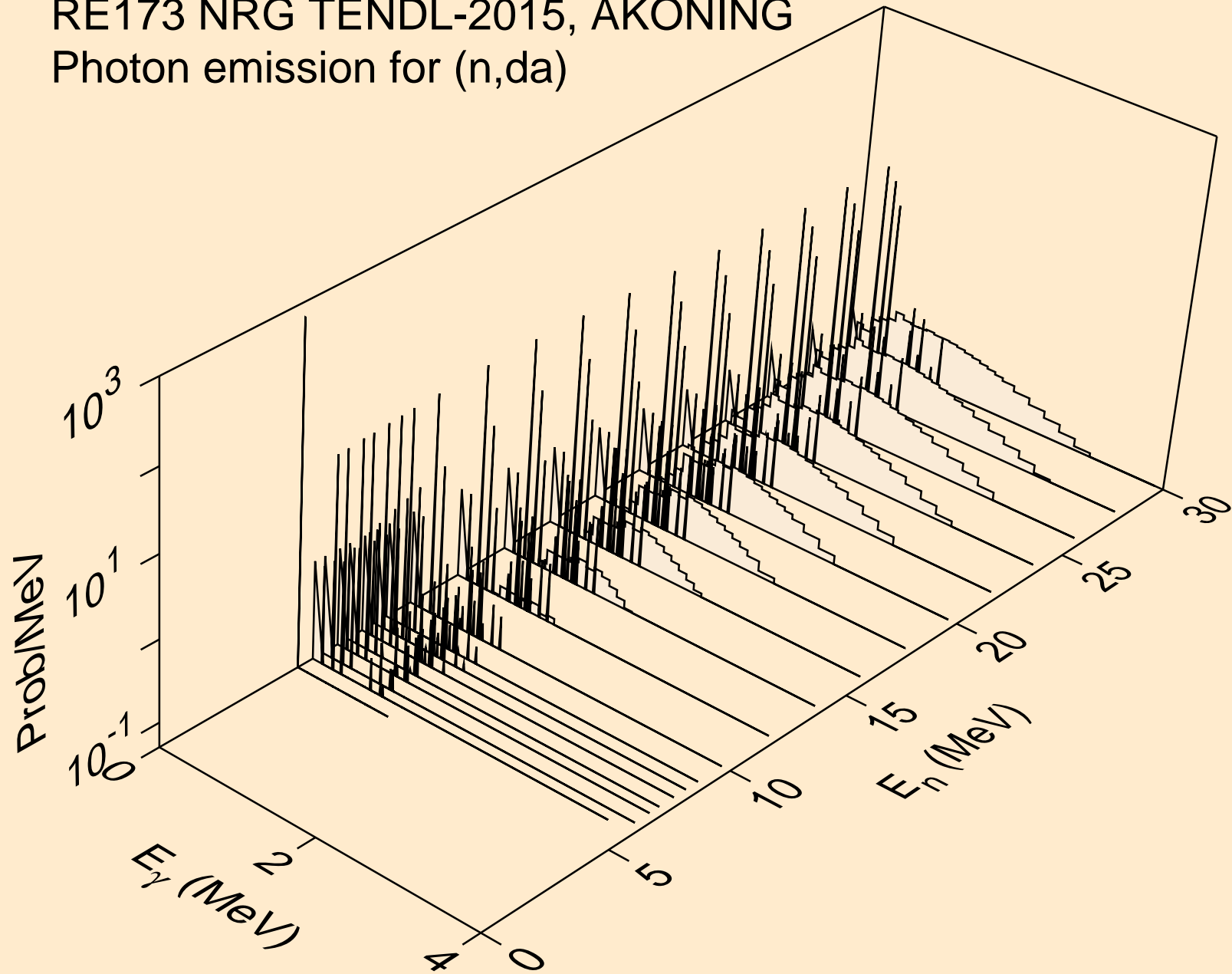


# RE173 NRG TENDL-2015, AKONING

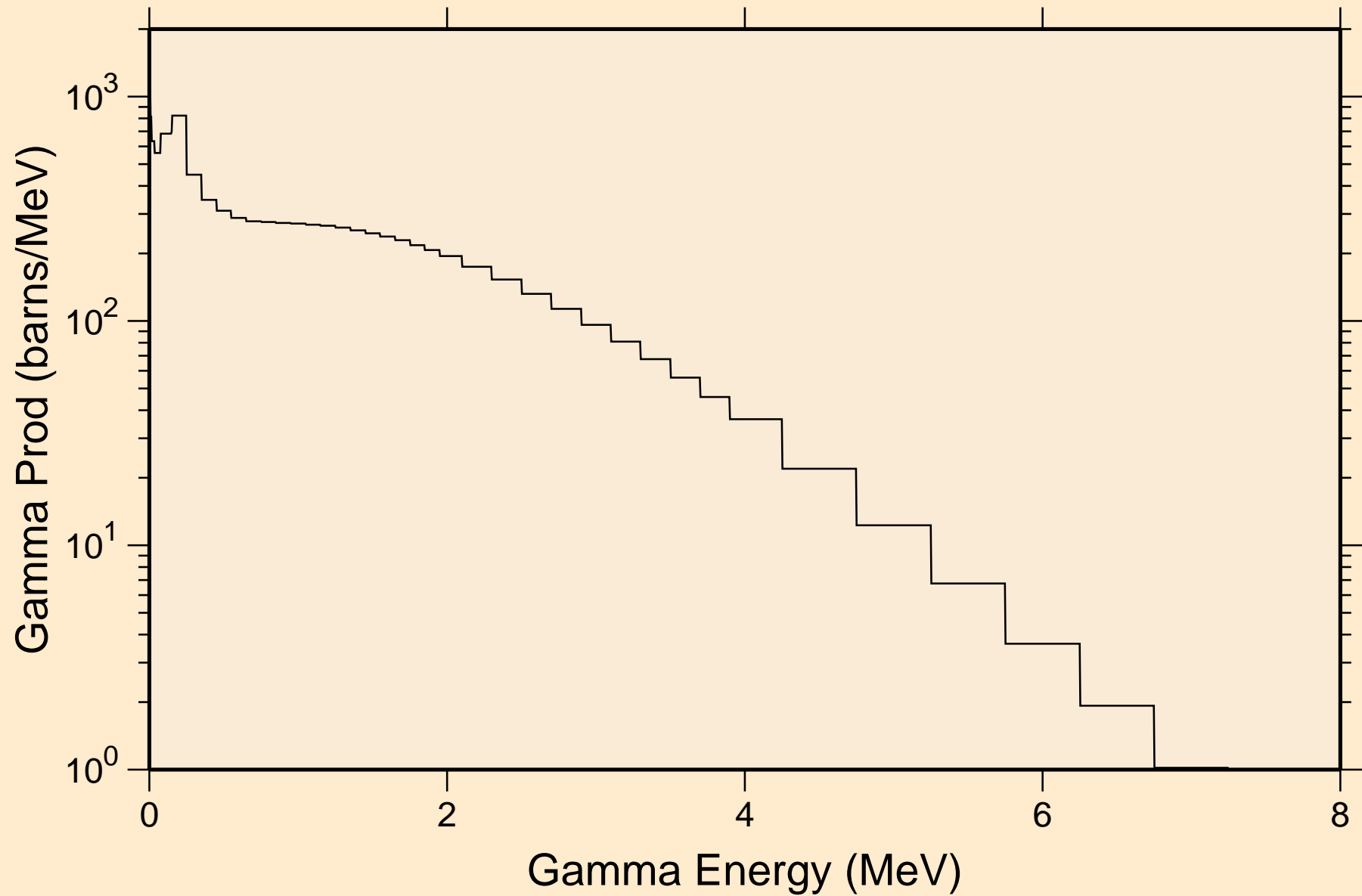
Photon emission for (n,pt)



RE173 NRG TENDL-2015, AKONING  
Photon emission for (n,da)

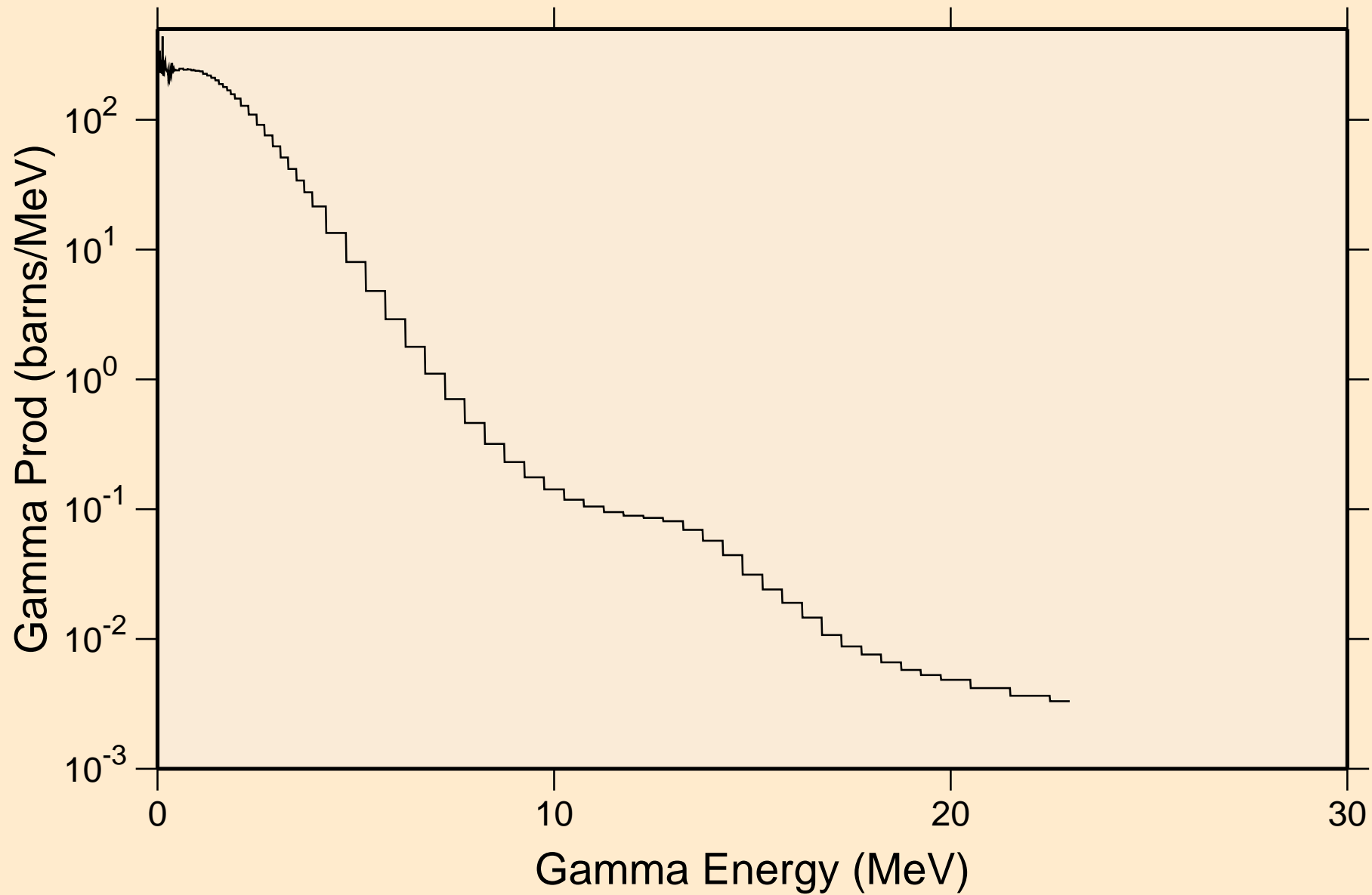


RE173 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



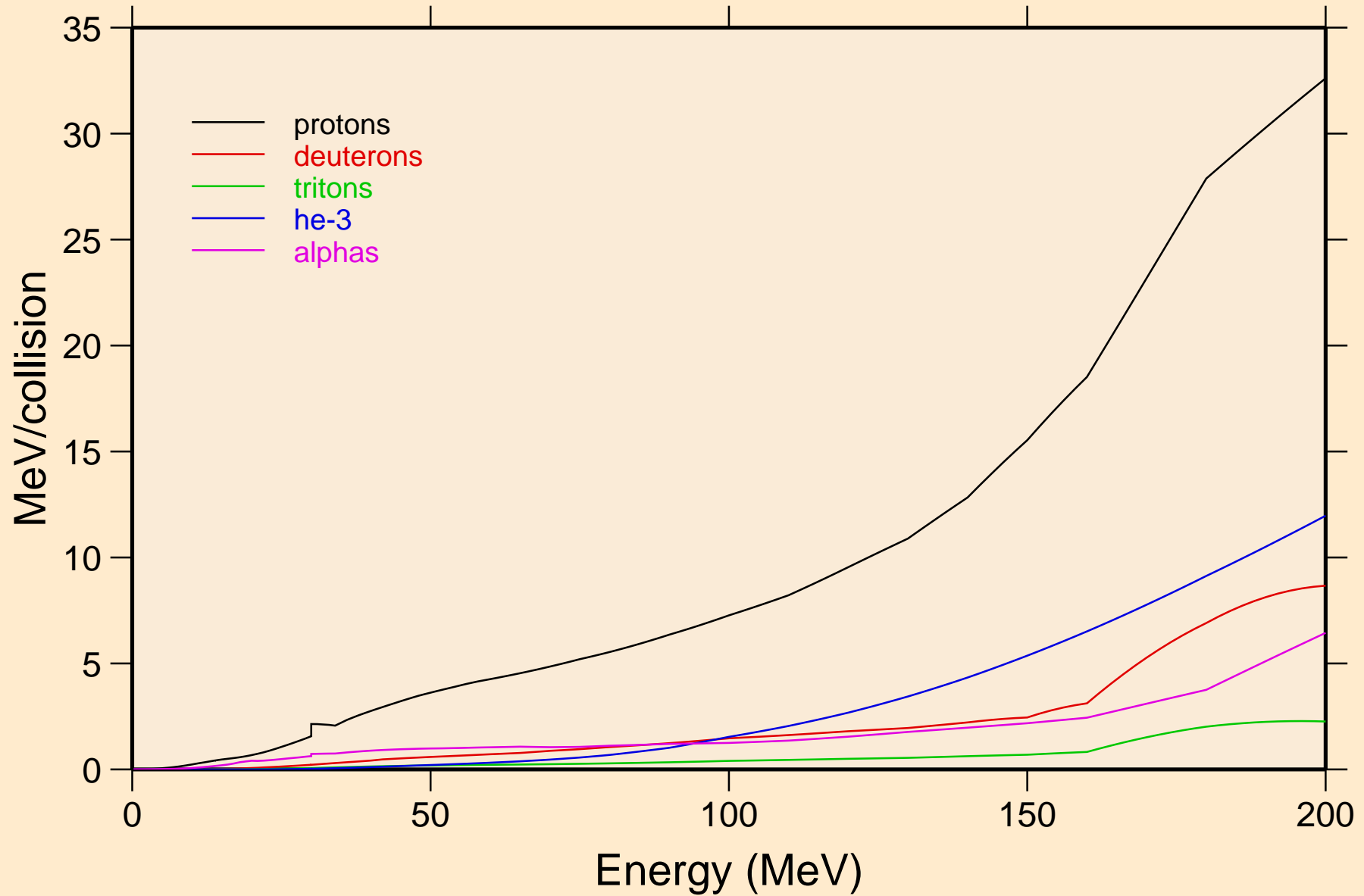


RE173 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



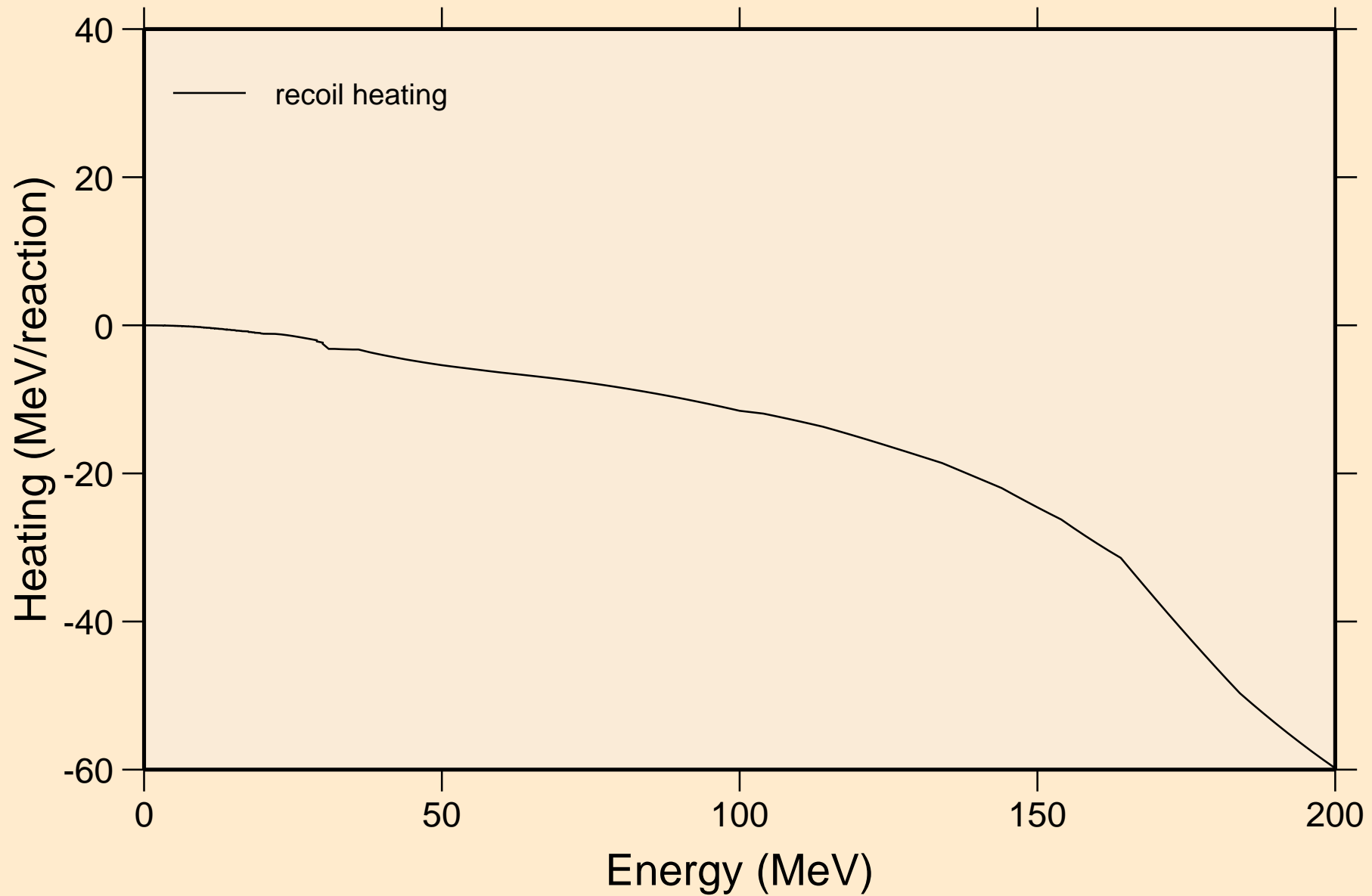
# RE173 NRG TENDL-2015, AKONING

## Particle heating contributions



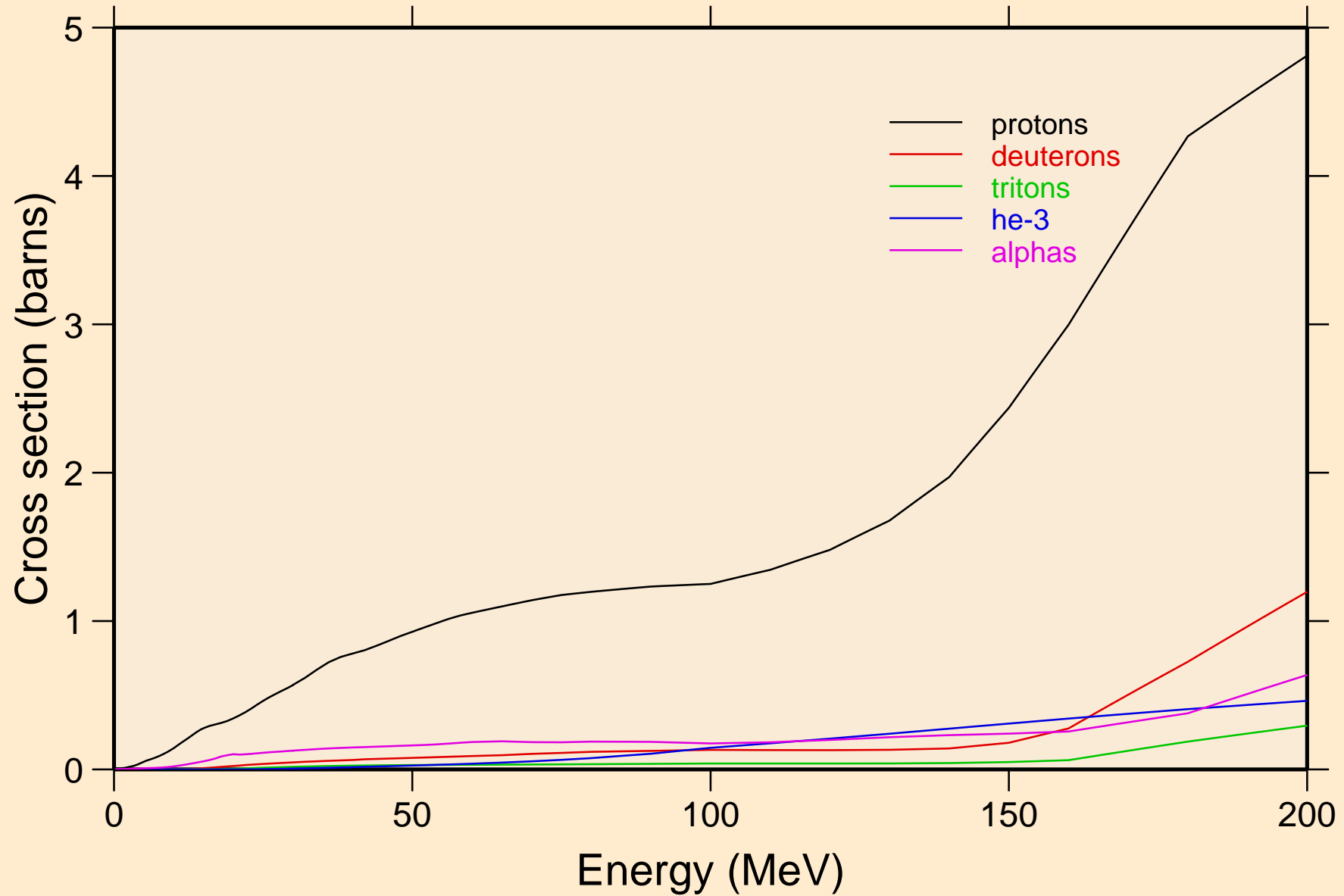
# RE173 NRG TENDL-2015, AKONING

## Recoil Heating

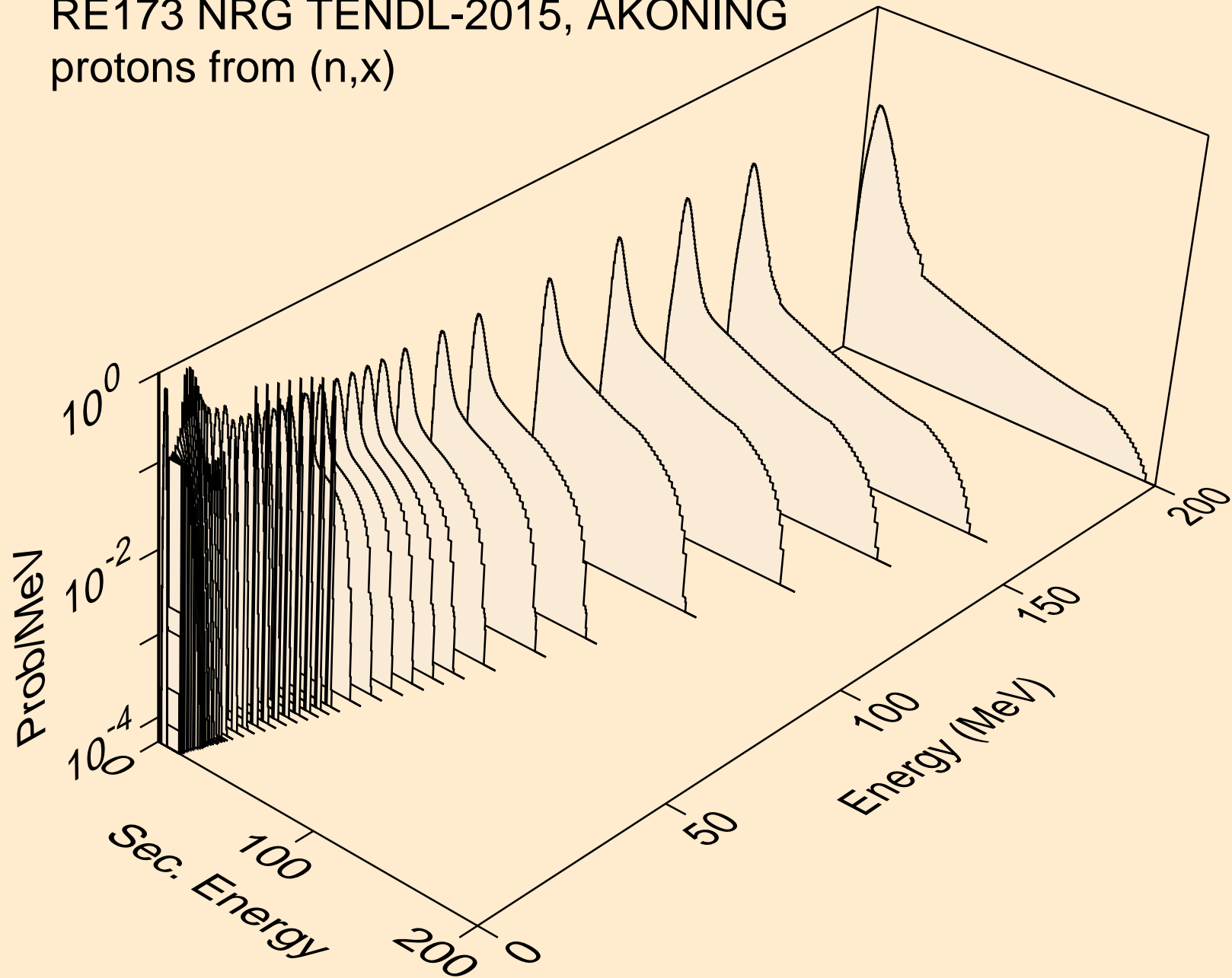


# RE173 NRG TENDL-2015, AKONING

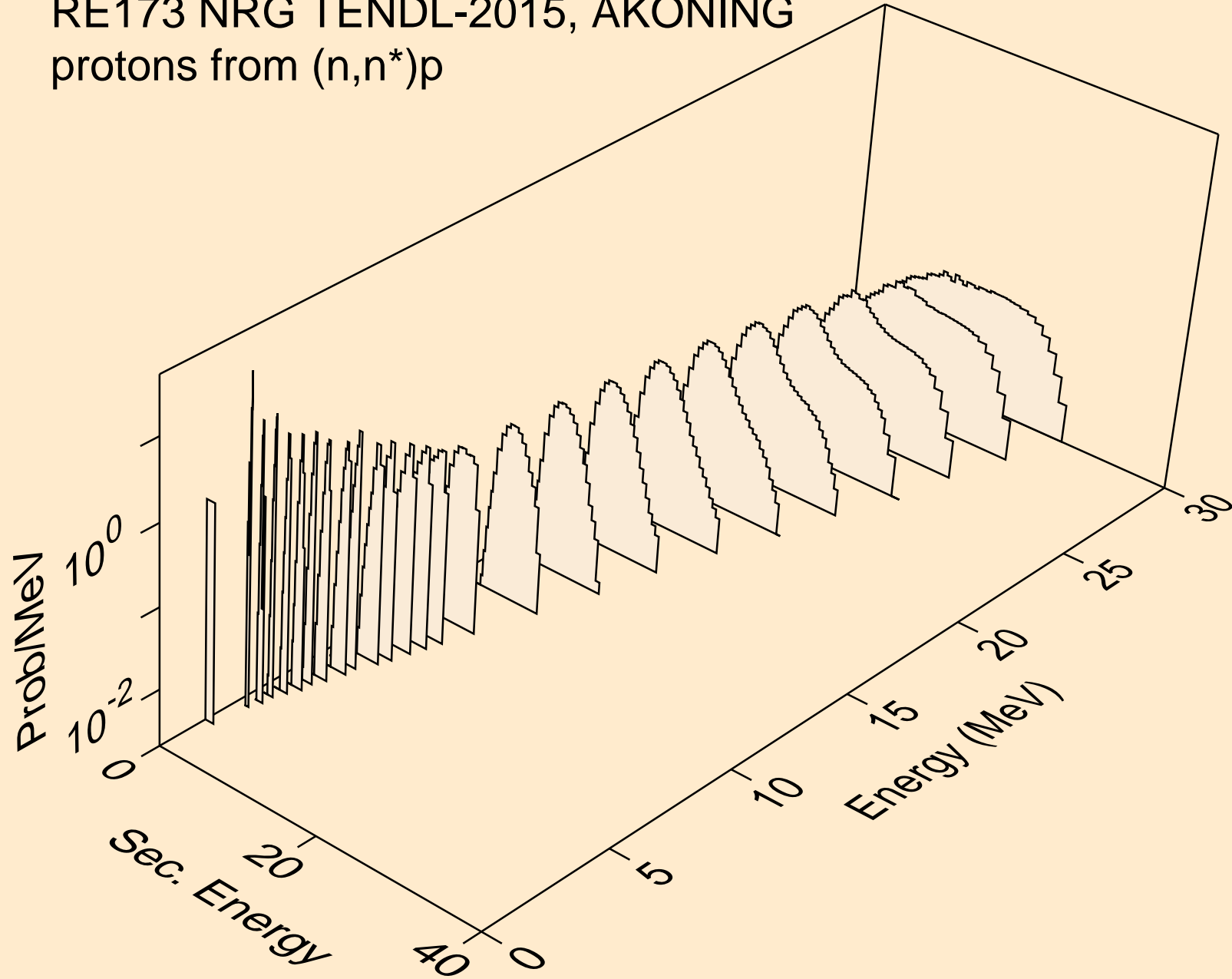
## Particle production cross sections



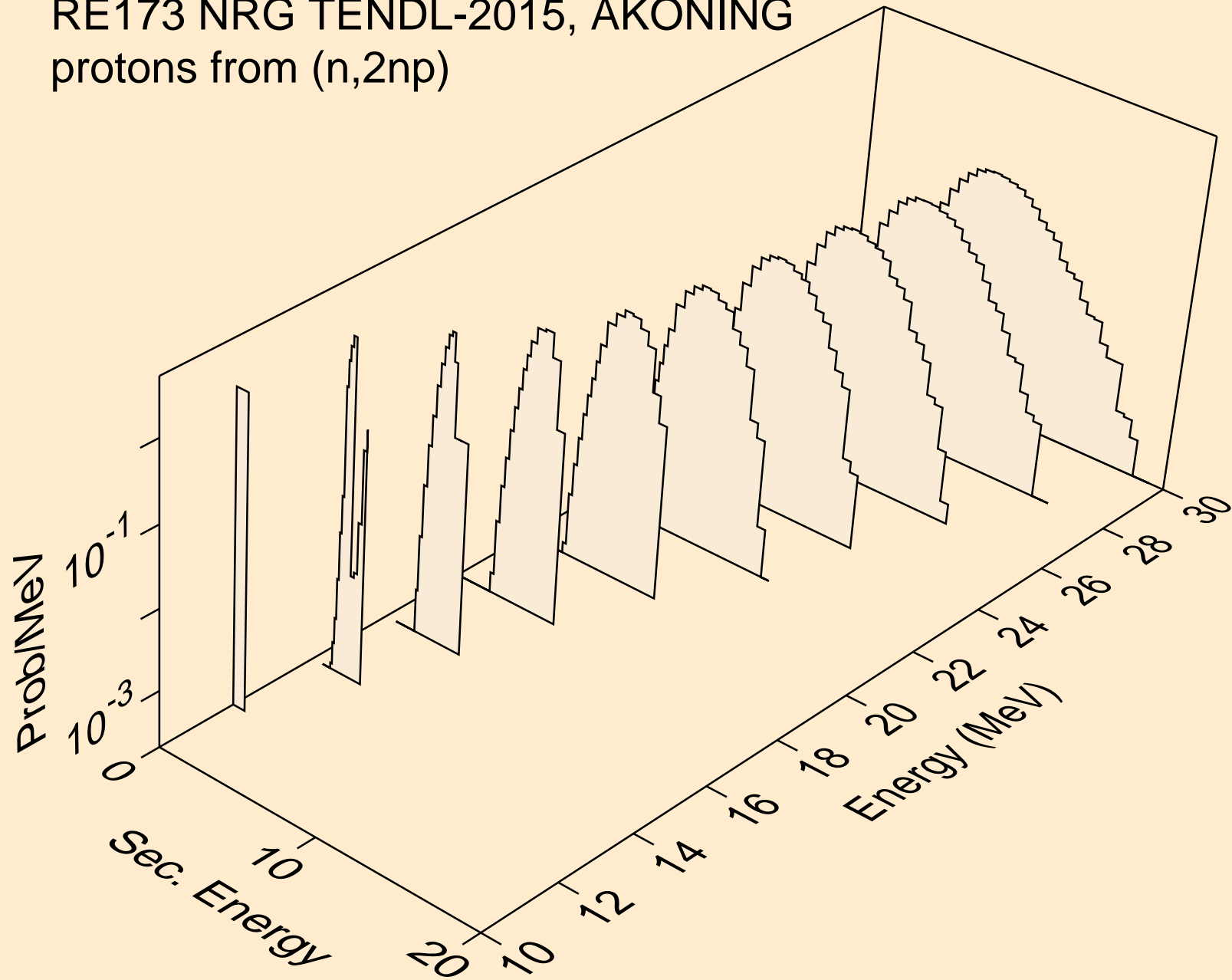
RE173 NRG TENDL-2015, AKONING  
protons from (n,x)



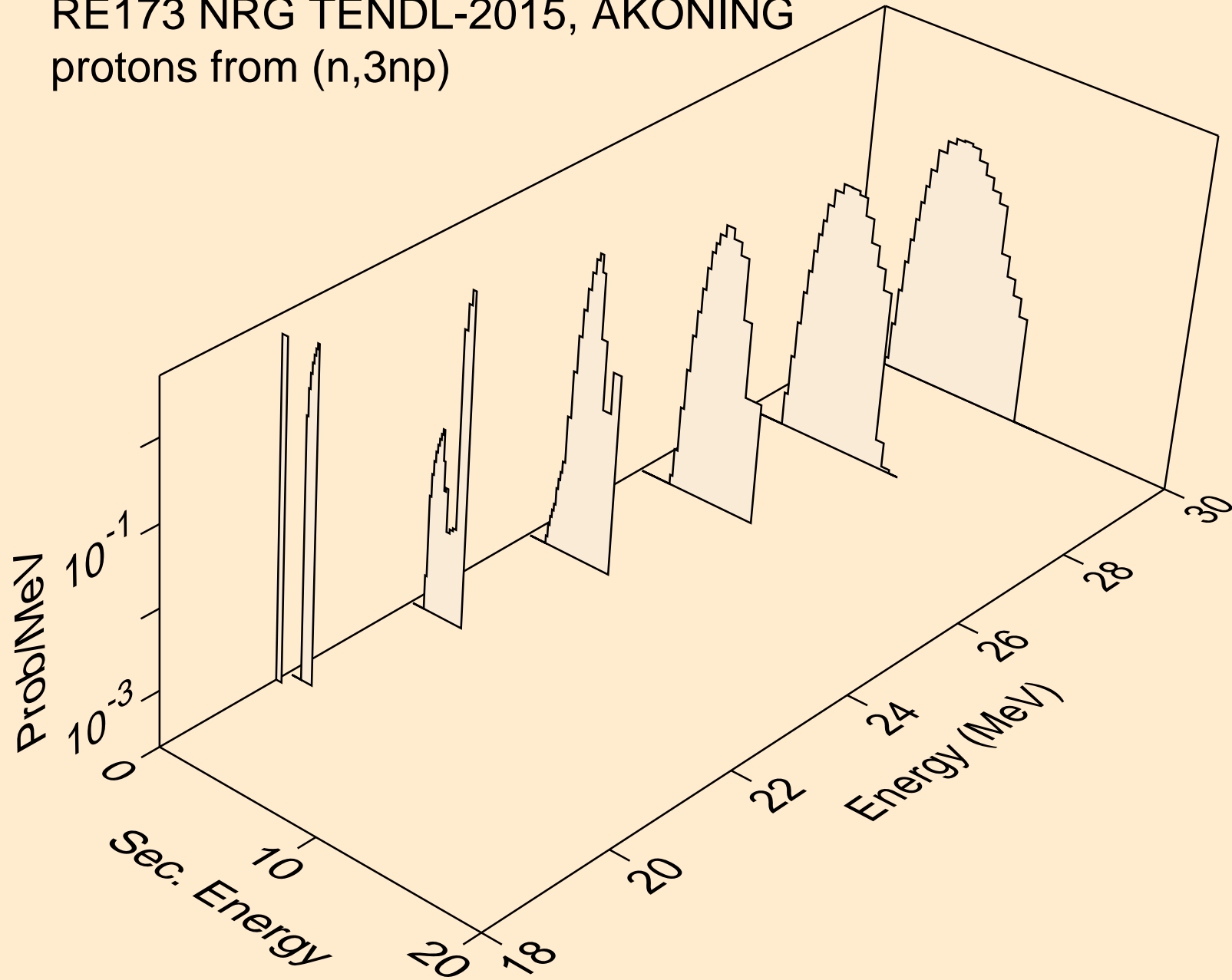
RE173 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



RE173 NRG TENDL-2015, AKONING  
protons from (n,2np)

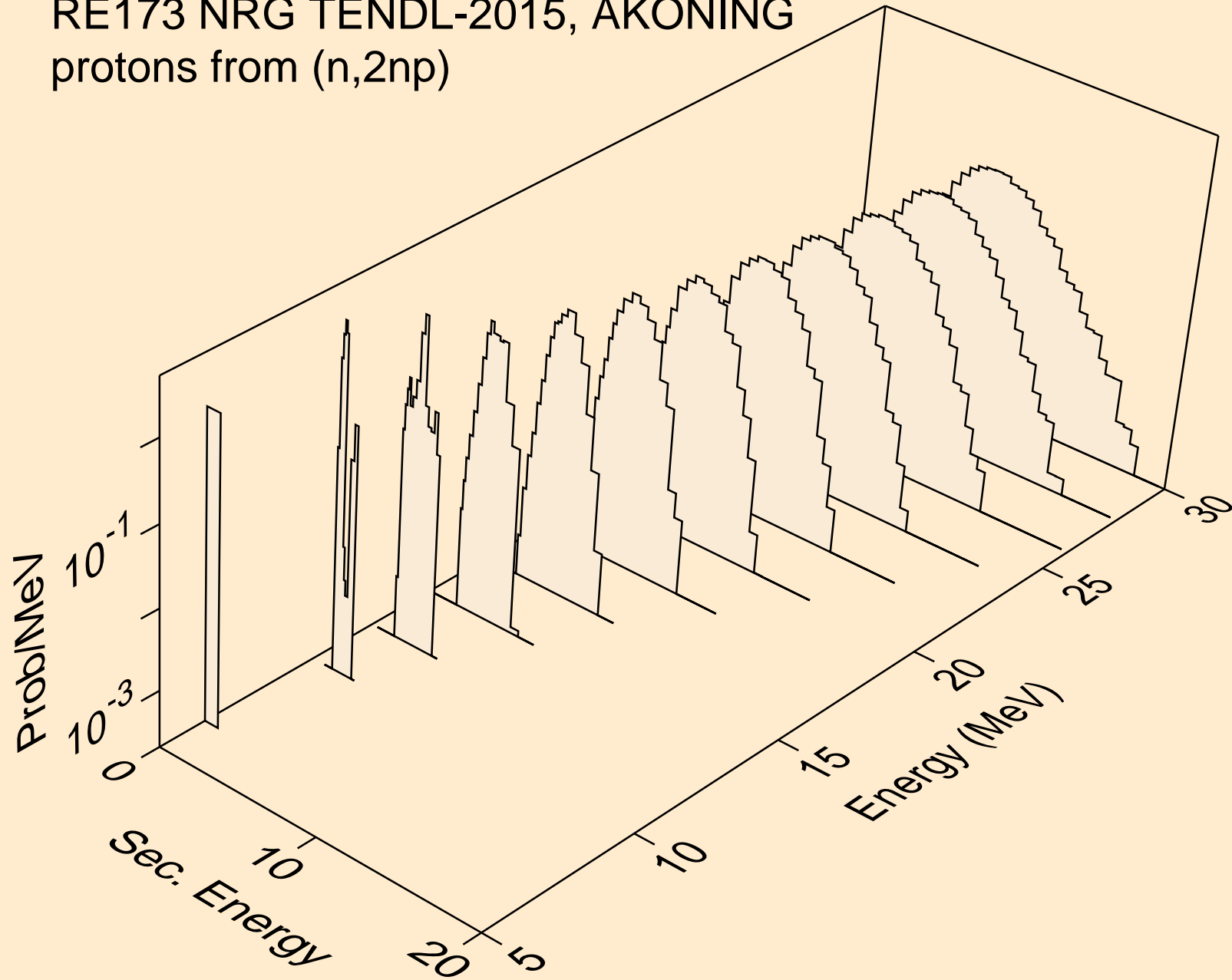


RE173 NRG TENDL-2015, AKONING  
protons from (n,3np)

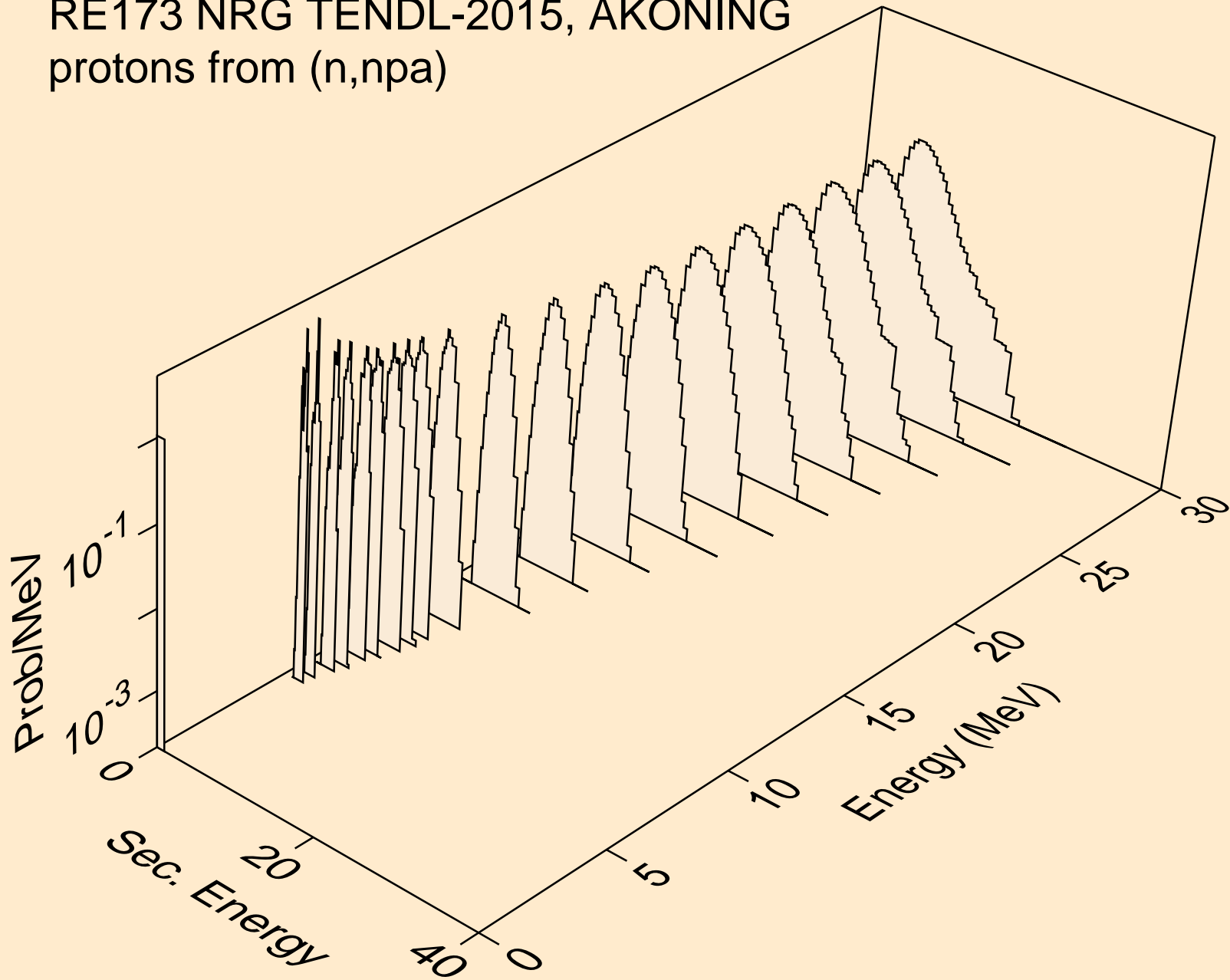




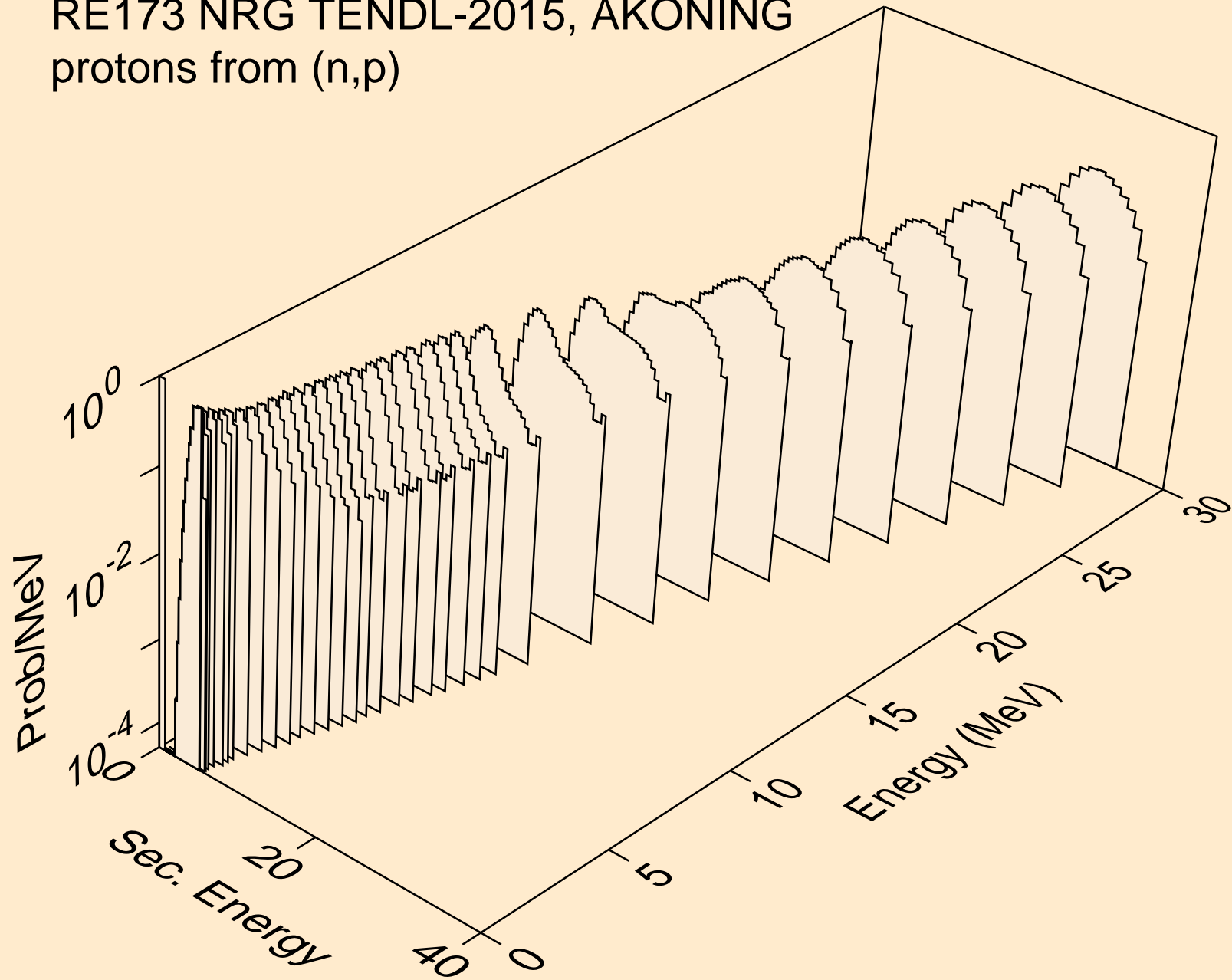
RE173 NRG TENDL-2015, AKONING  
protons from (n,2np)



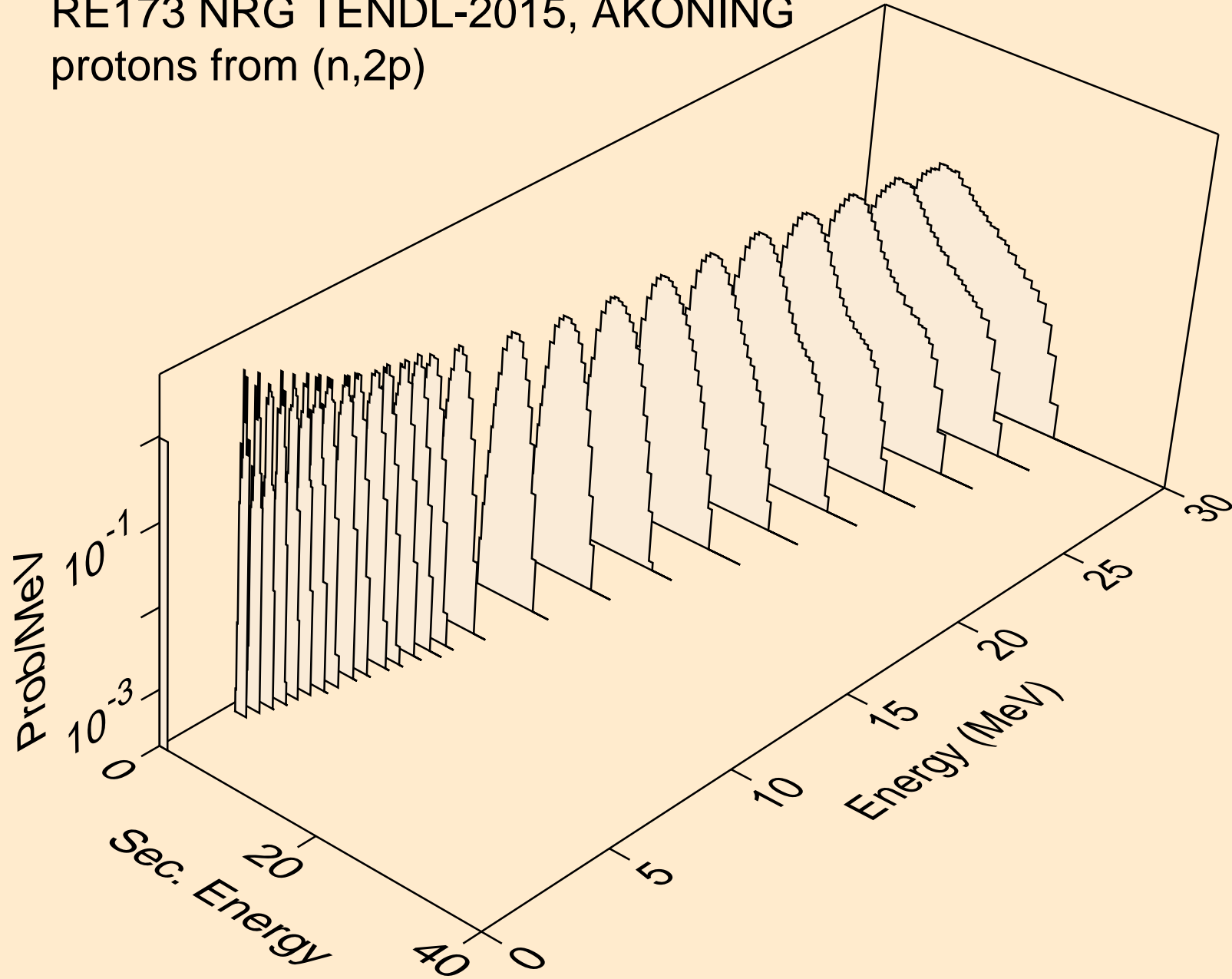
RE173 NRG TENDL-2015, AKONING  
protons from (n,npa)



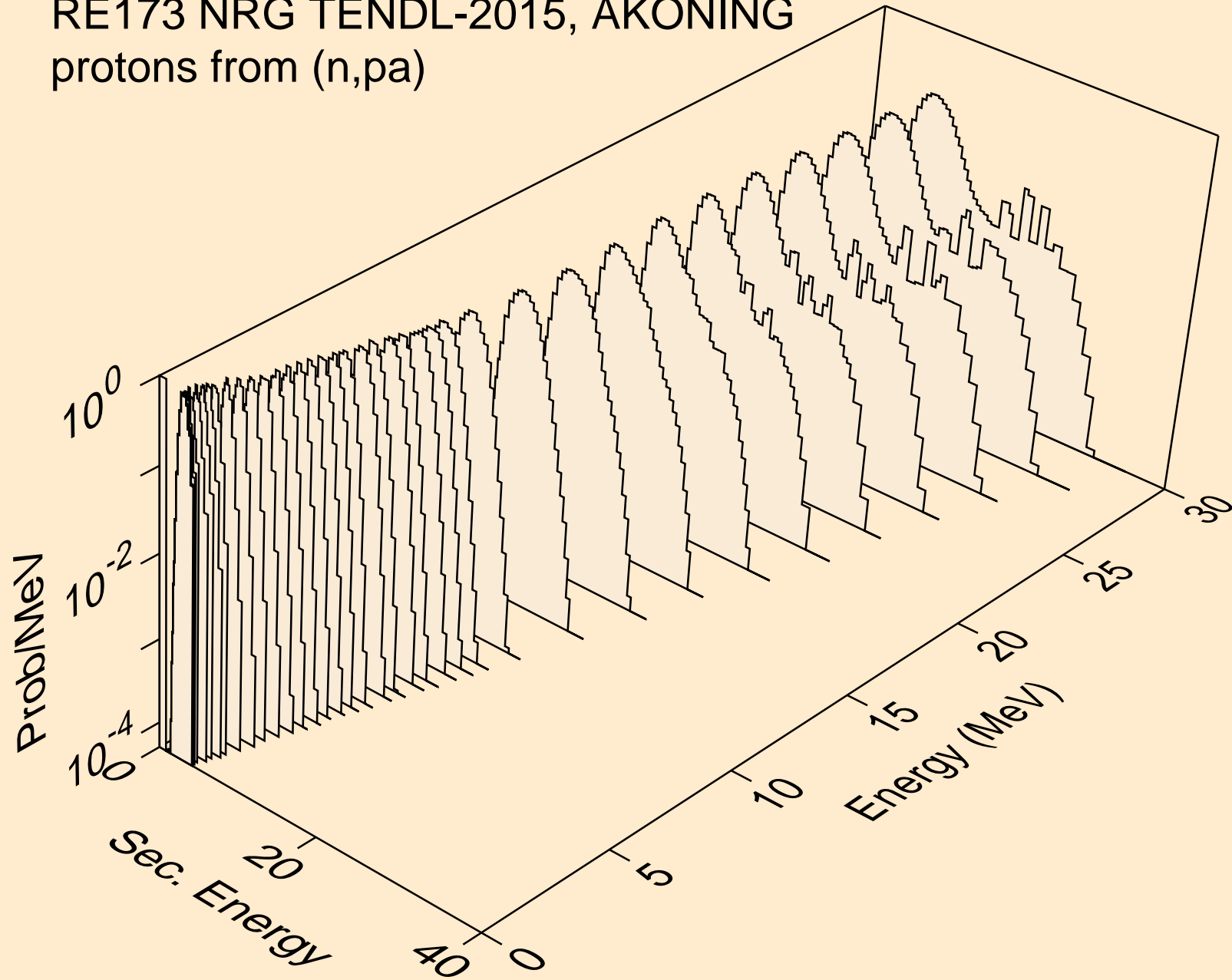
RE173 NRG TENDL-2015, AKONING  
protons from (n,p)



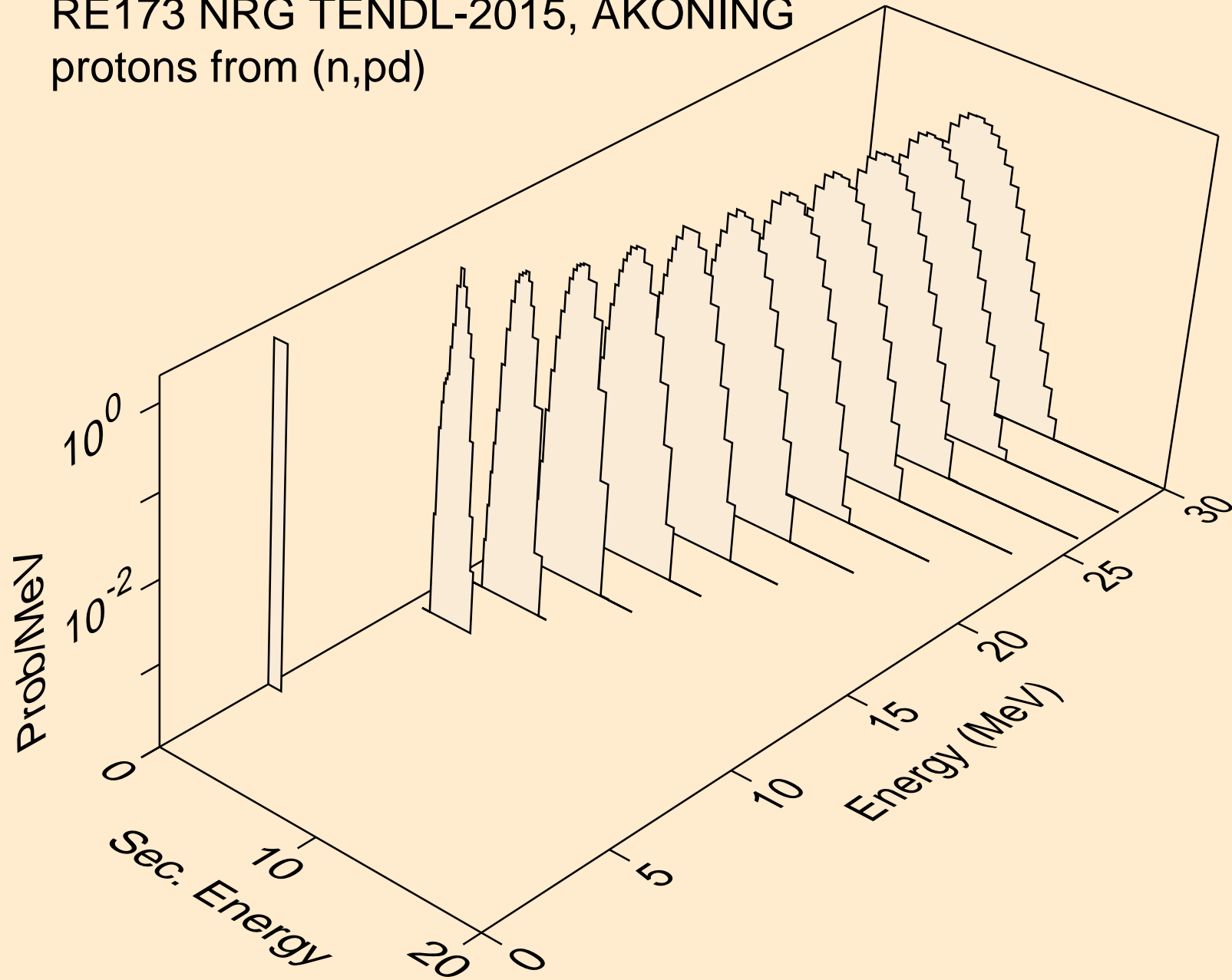
RE173 NRG TENDL-2015, AKONING  
protons from (n,2p)



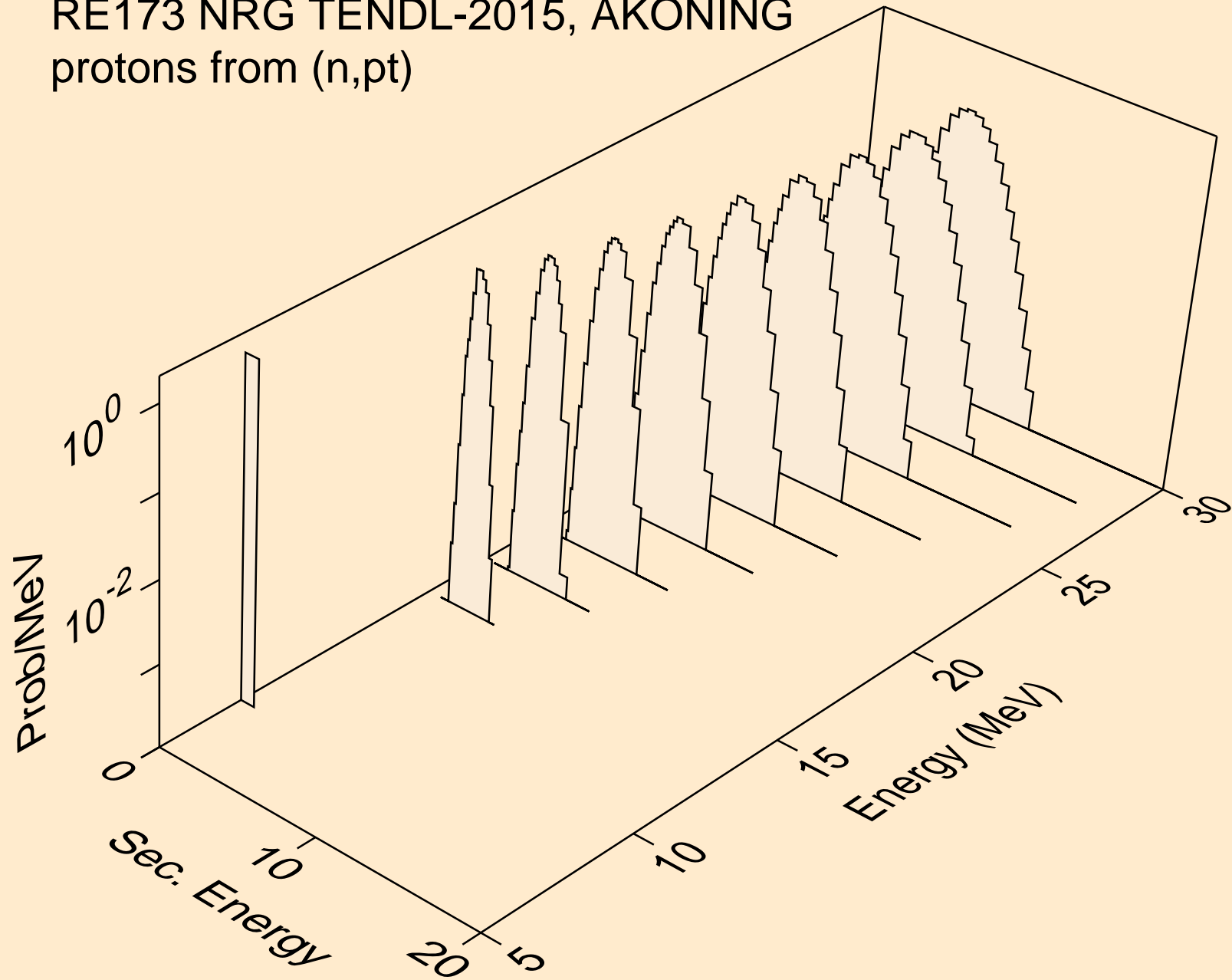
RE173 NRG TENDL-2015, AKONING  
protons from (n,pa)



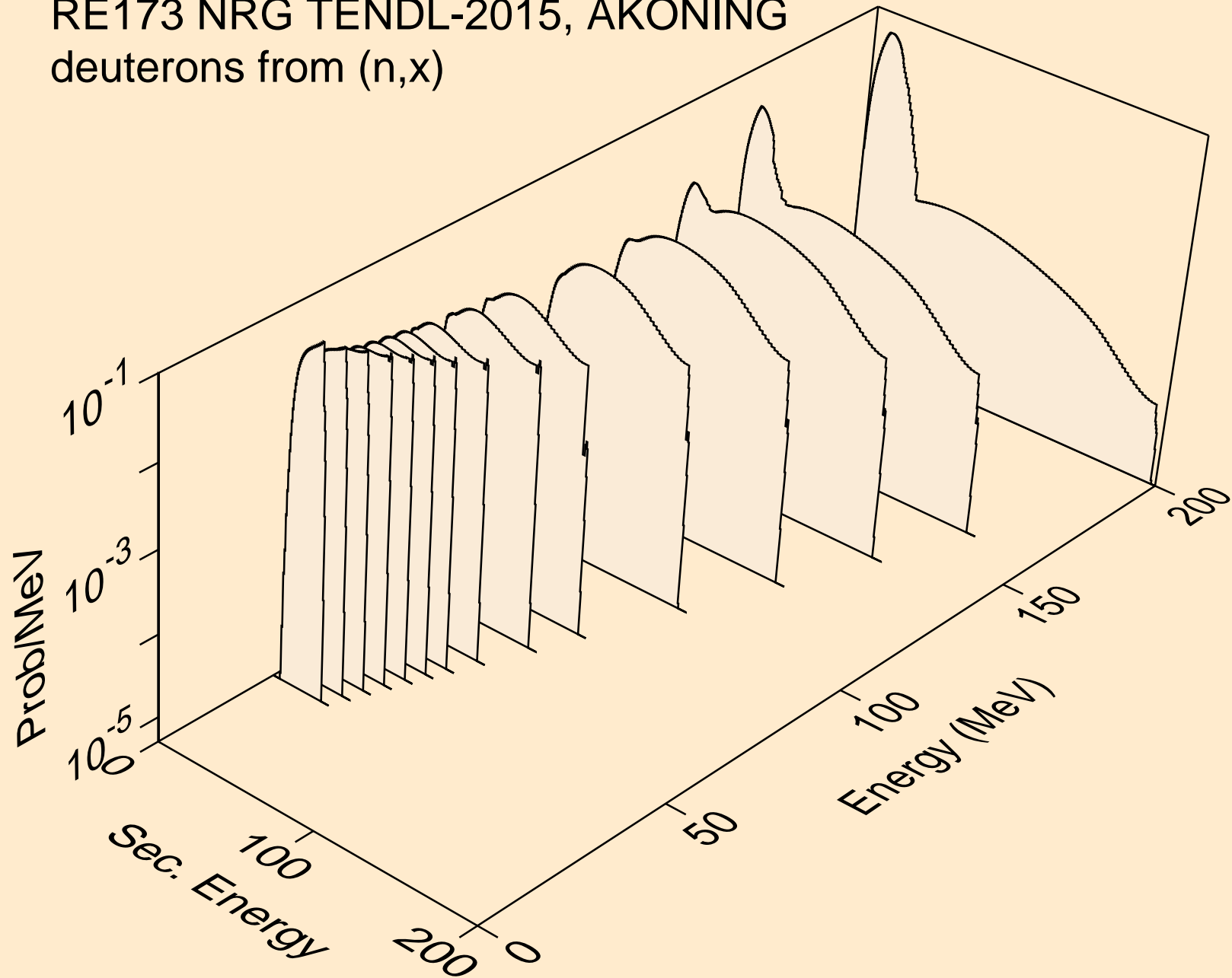
RE173 NRG TENDL-2015, AKONING  
protons from (n,pd)



RE173 NRG TENDL-2015, AKONING  
protons from (n,pt)

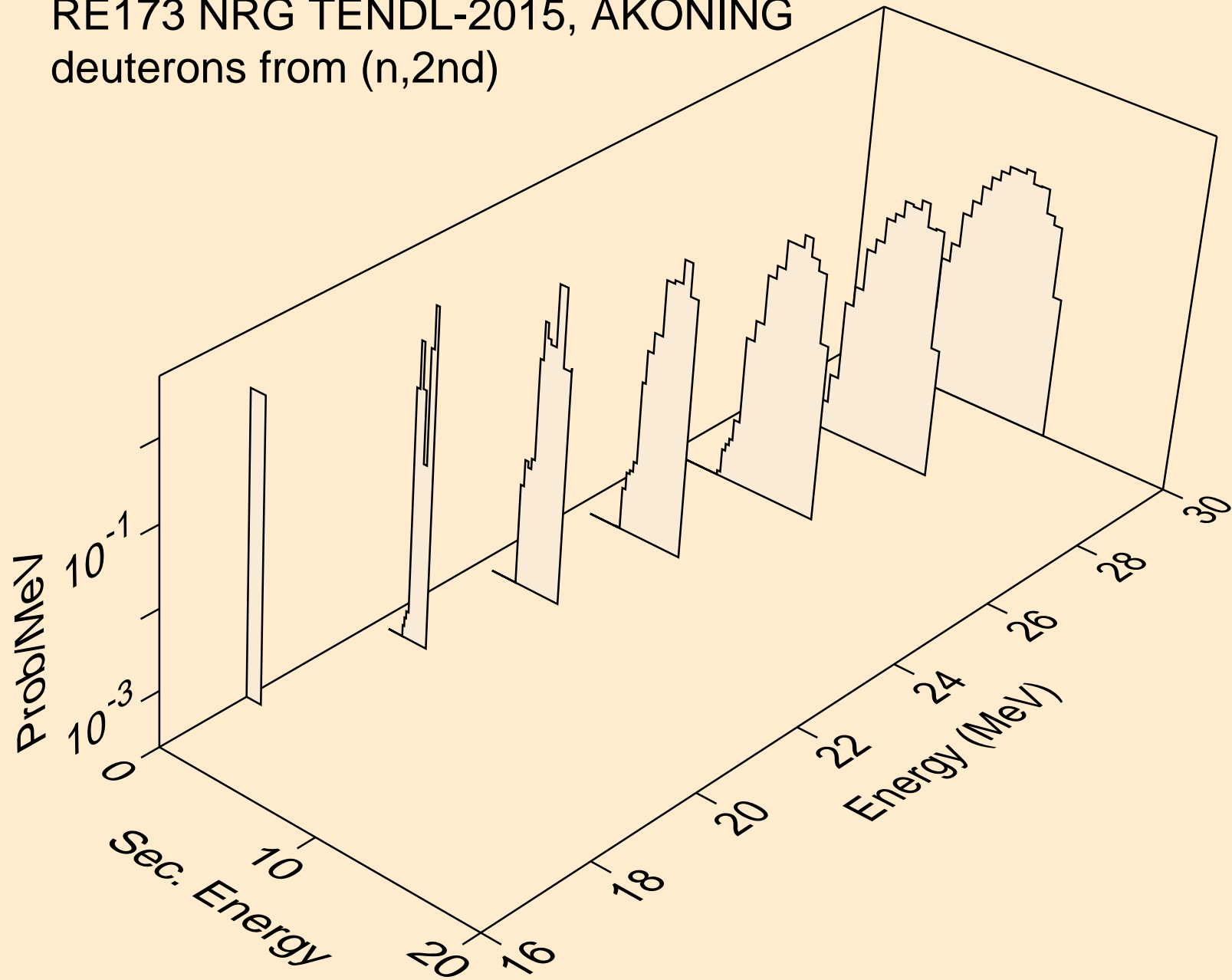


RE173 NRG TENDL-2015, AKONING  
deuterons from (n,x)

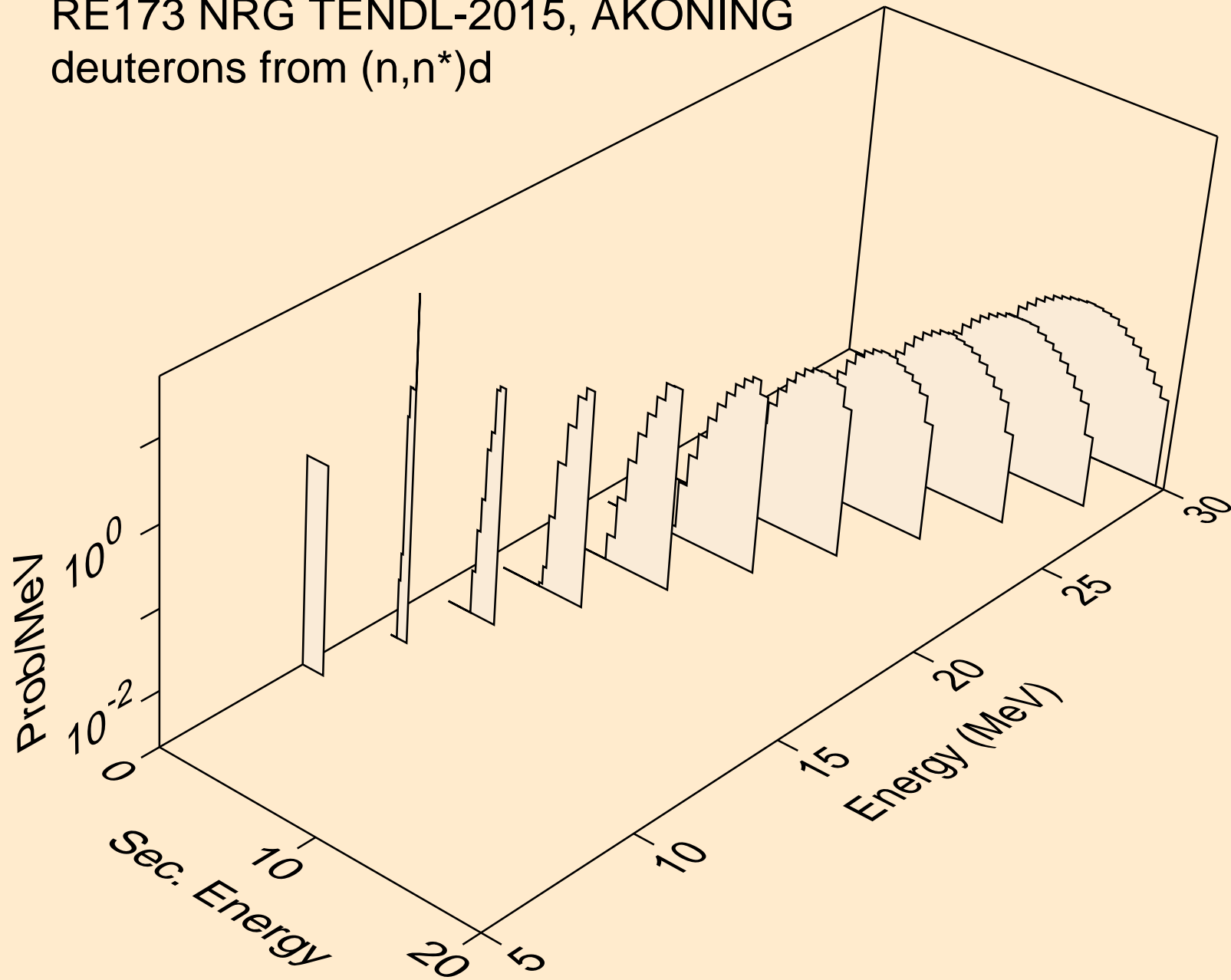




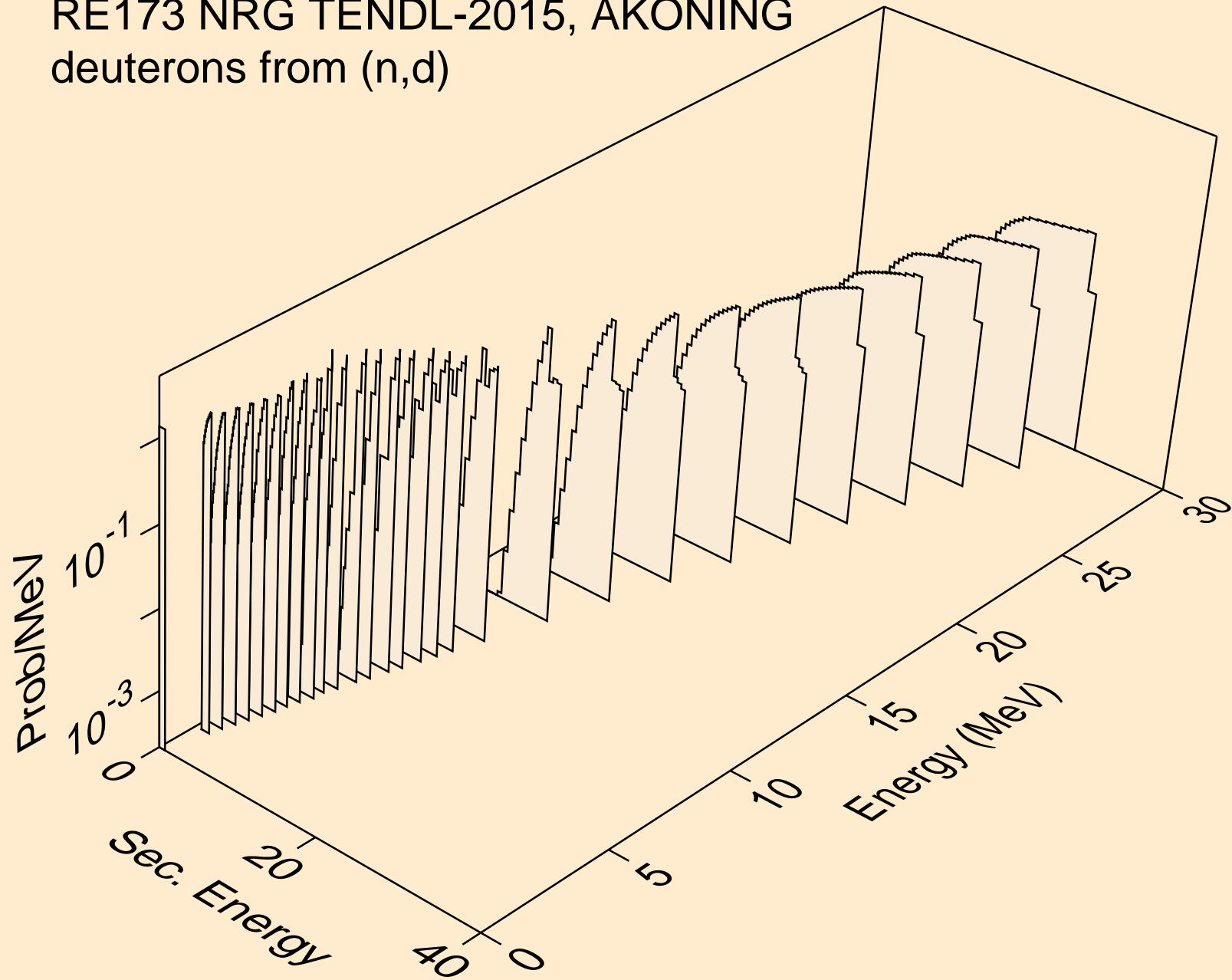
RE173 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



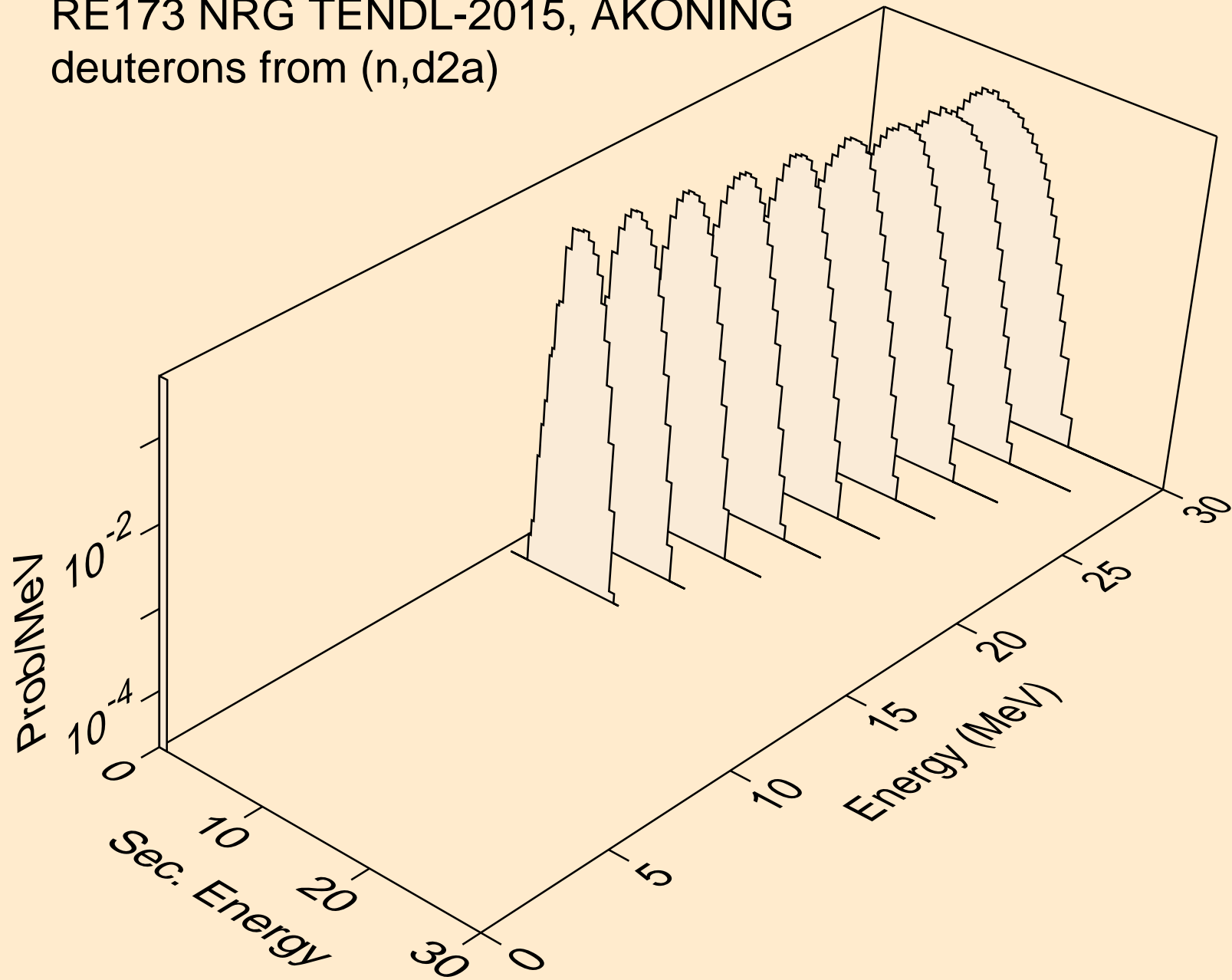
RE173 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



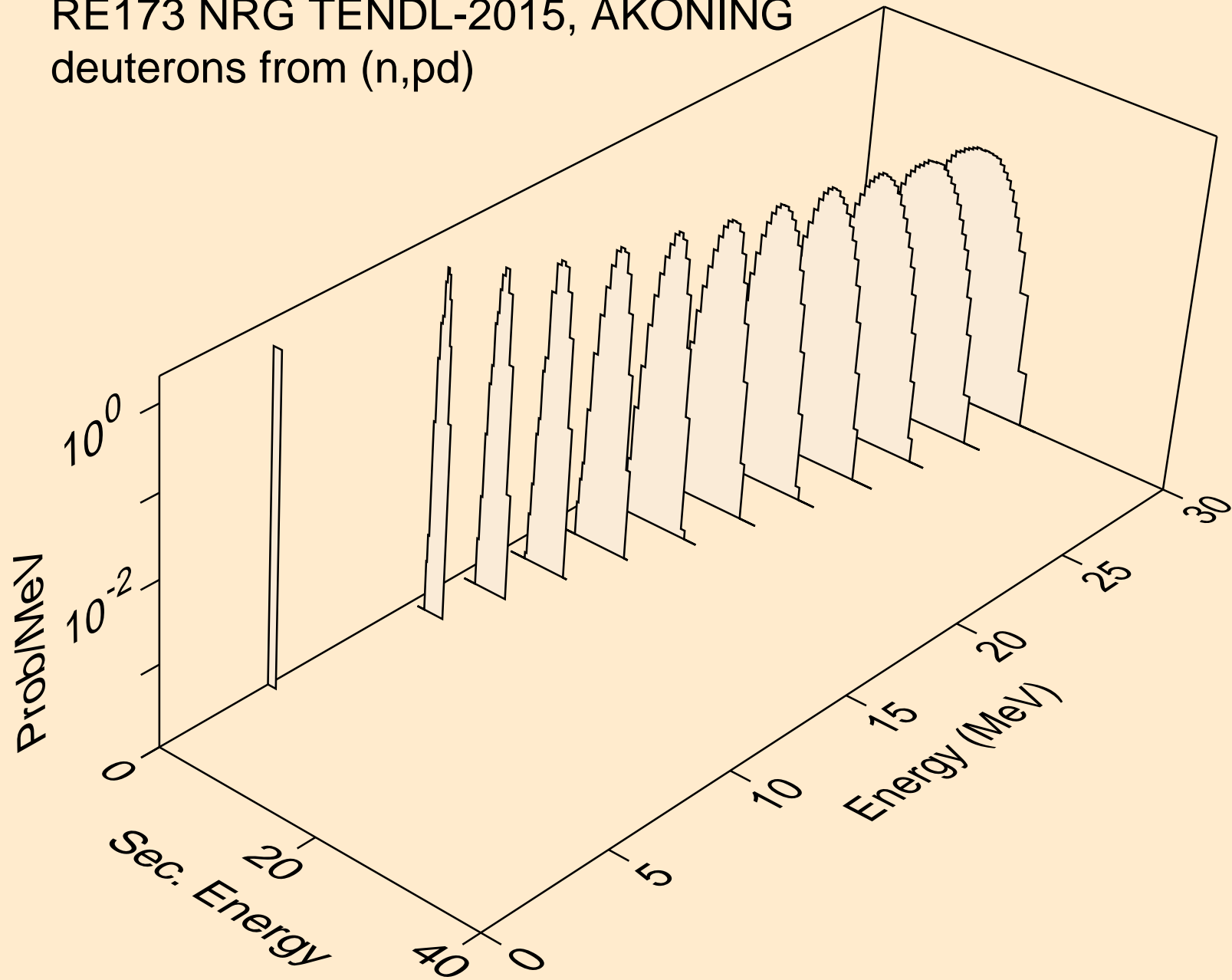
RE173 NRG TENDL-2015, AKONING  
deuterons from (n,d)



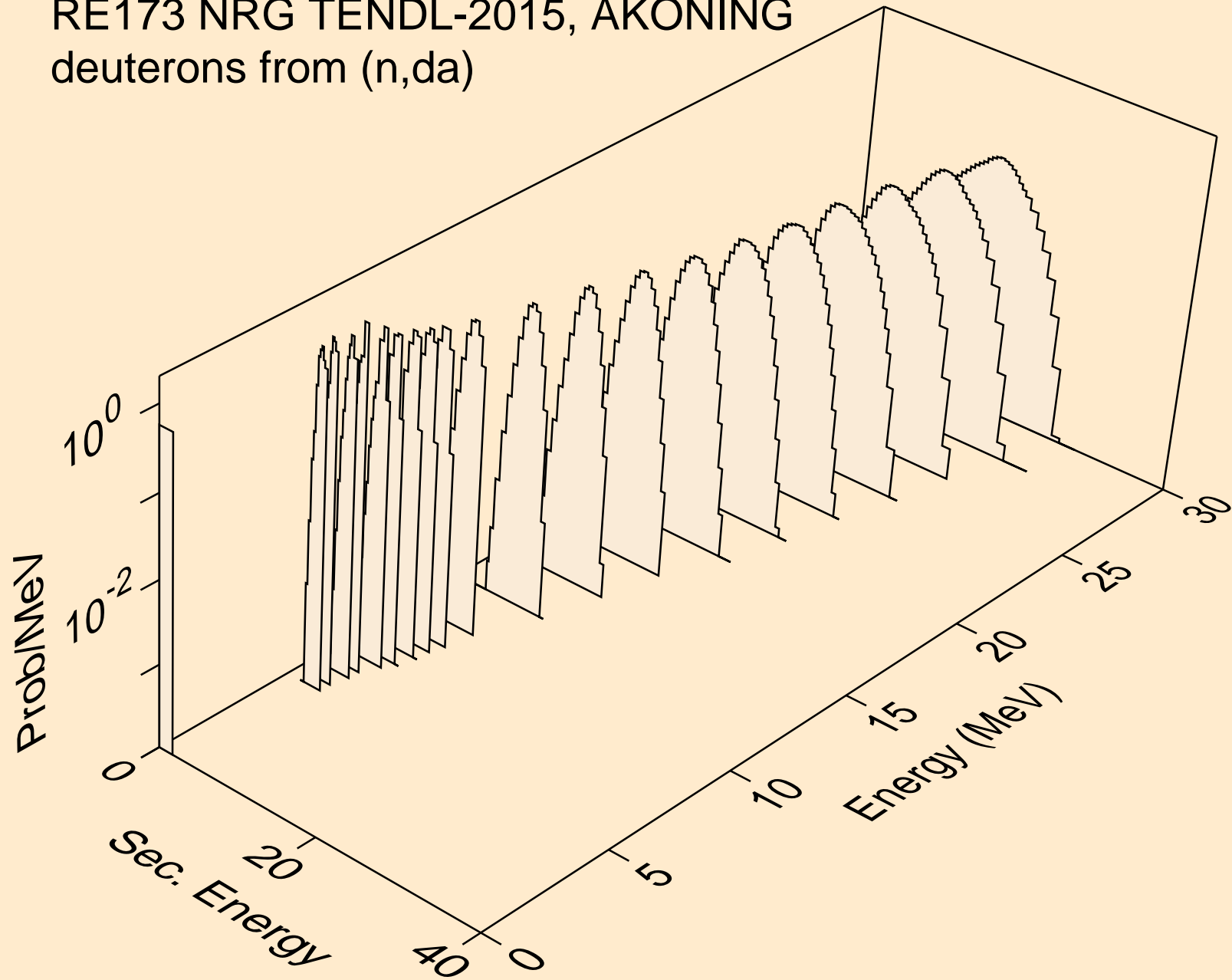
RE173 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)



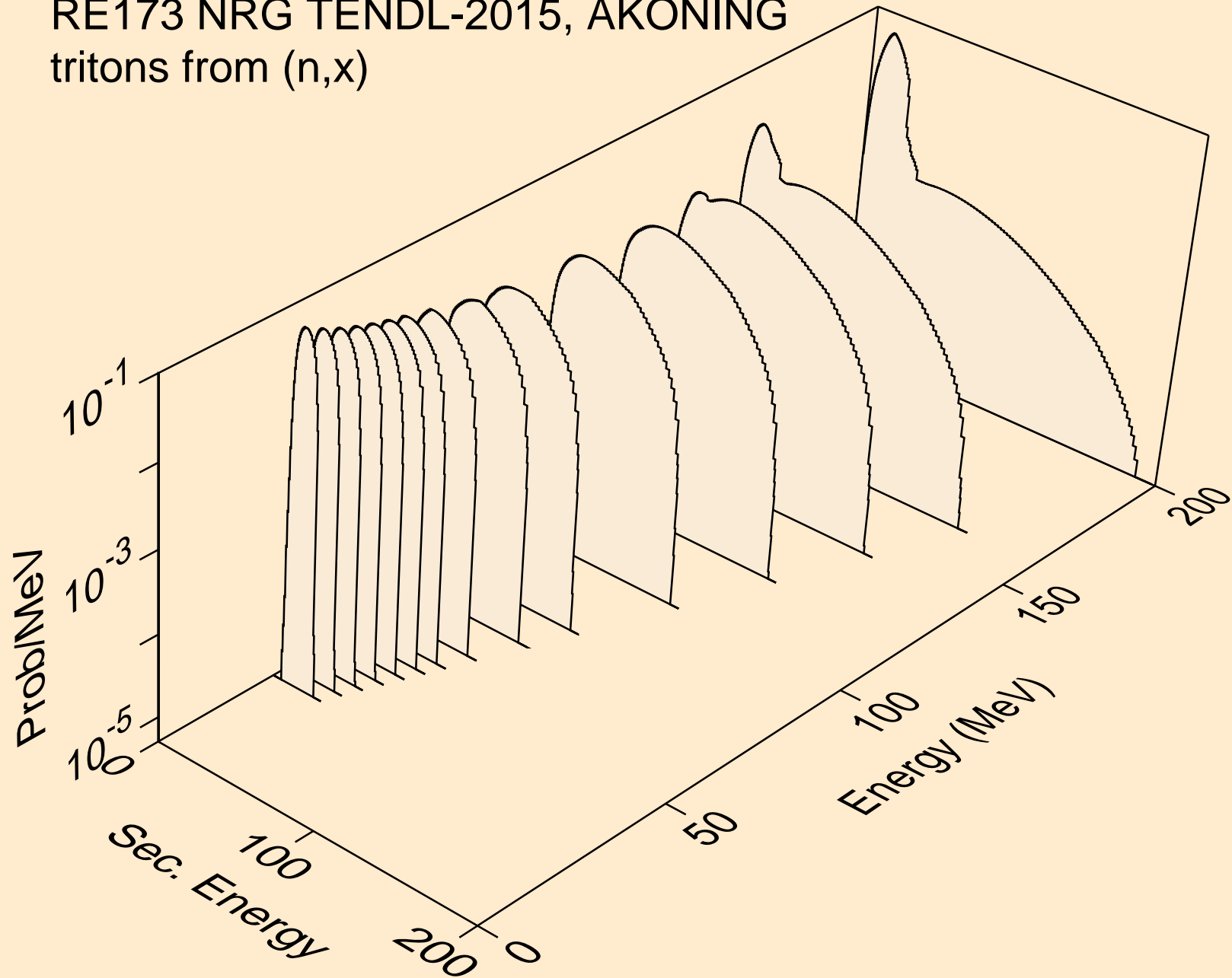
RE173 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



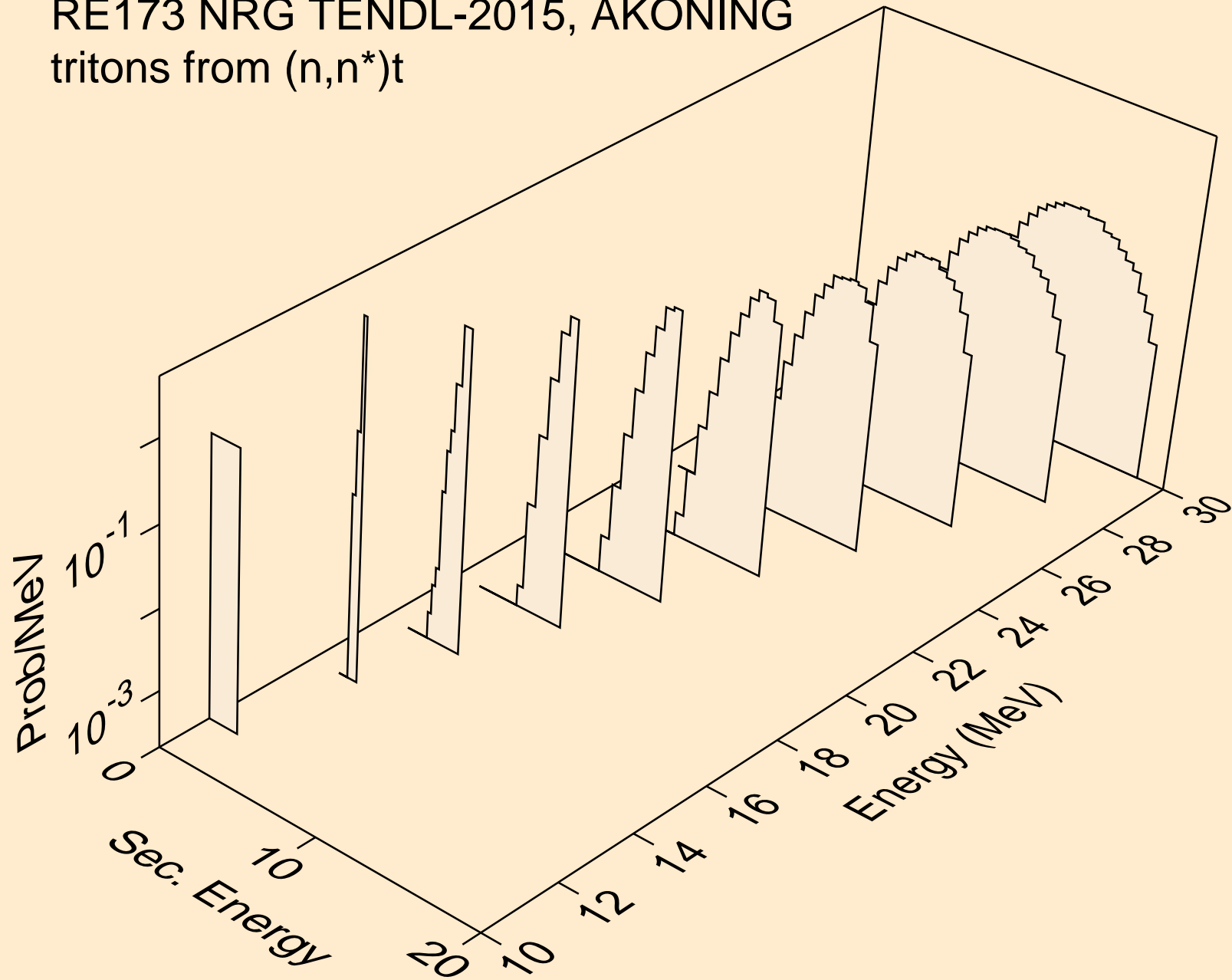
RE173 NRG TENDL-2015, AKONING  
deuterons from (n,da)



RE173 NRG TENDL-2015, AKONING  
tritons from (n,x)

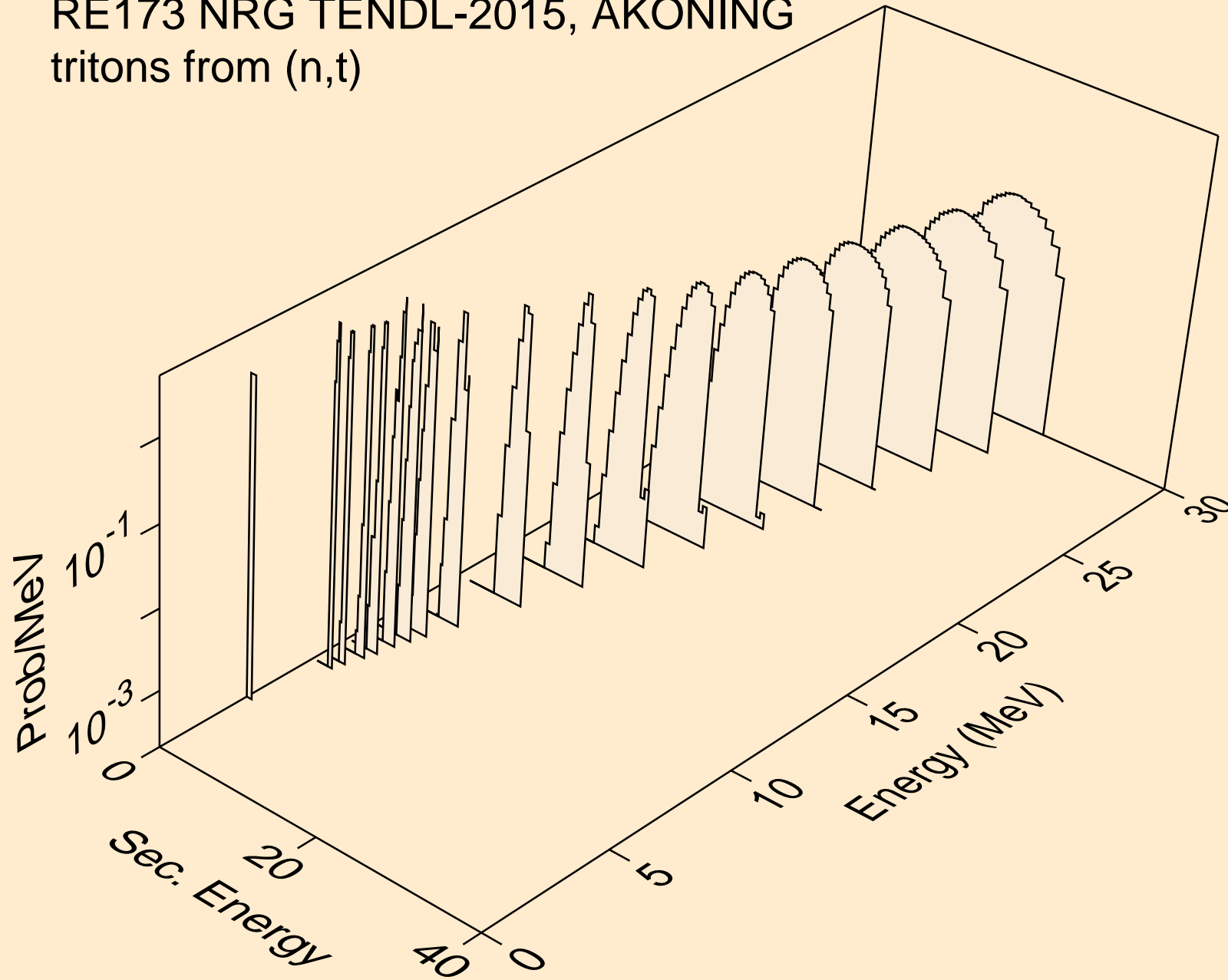


RE173 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

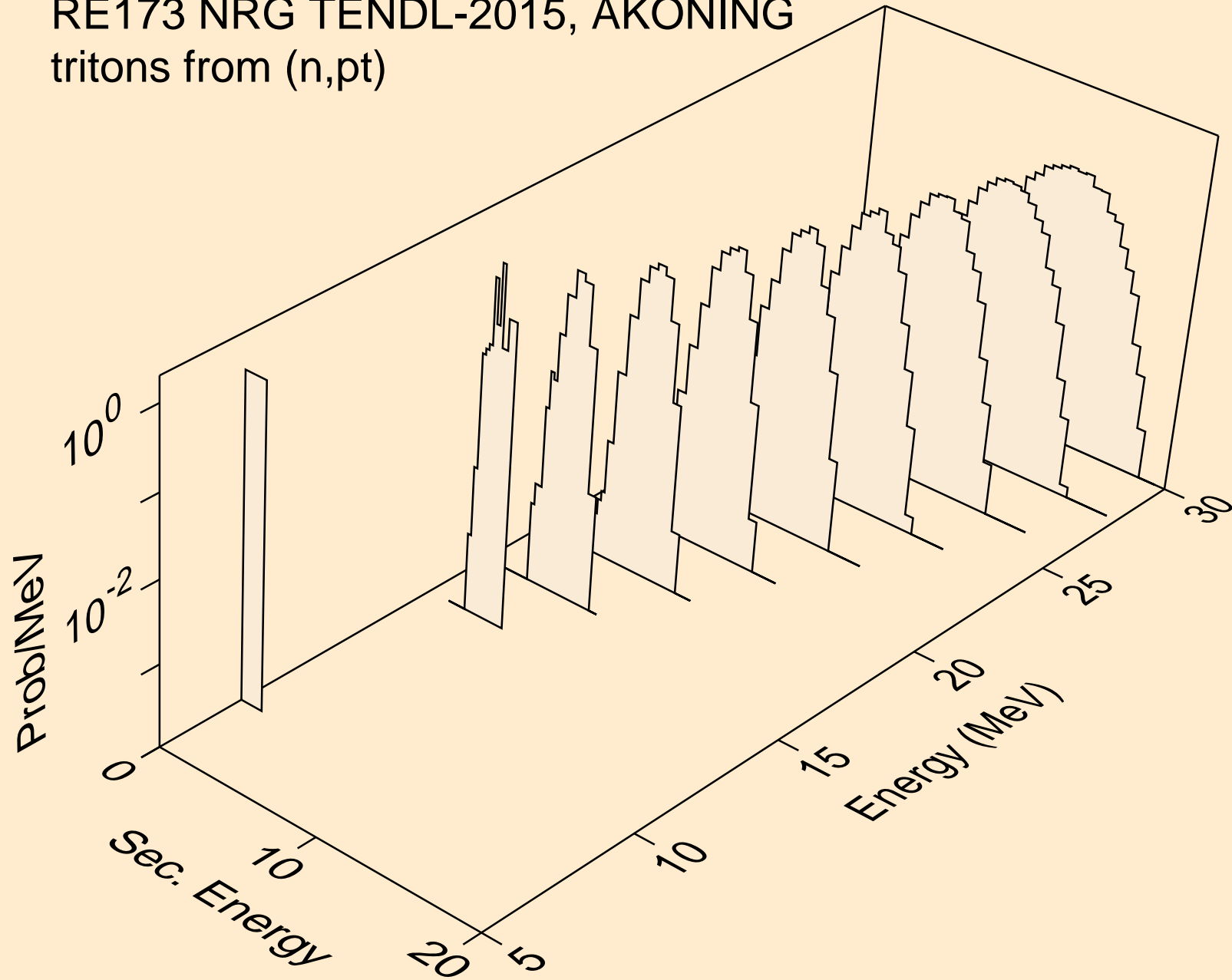




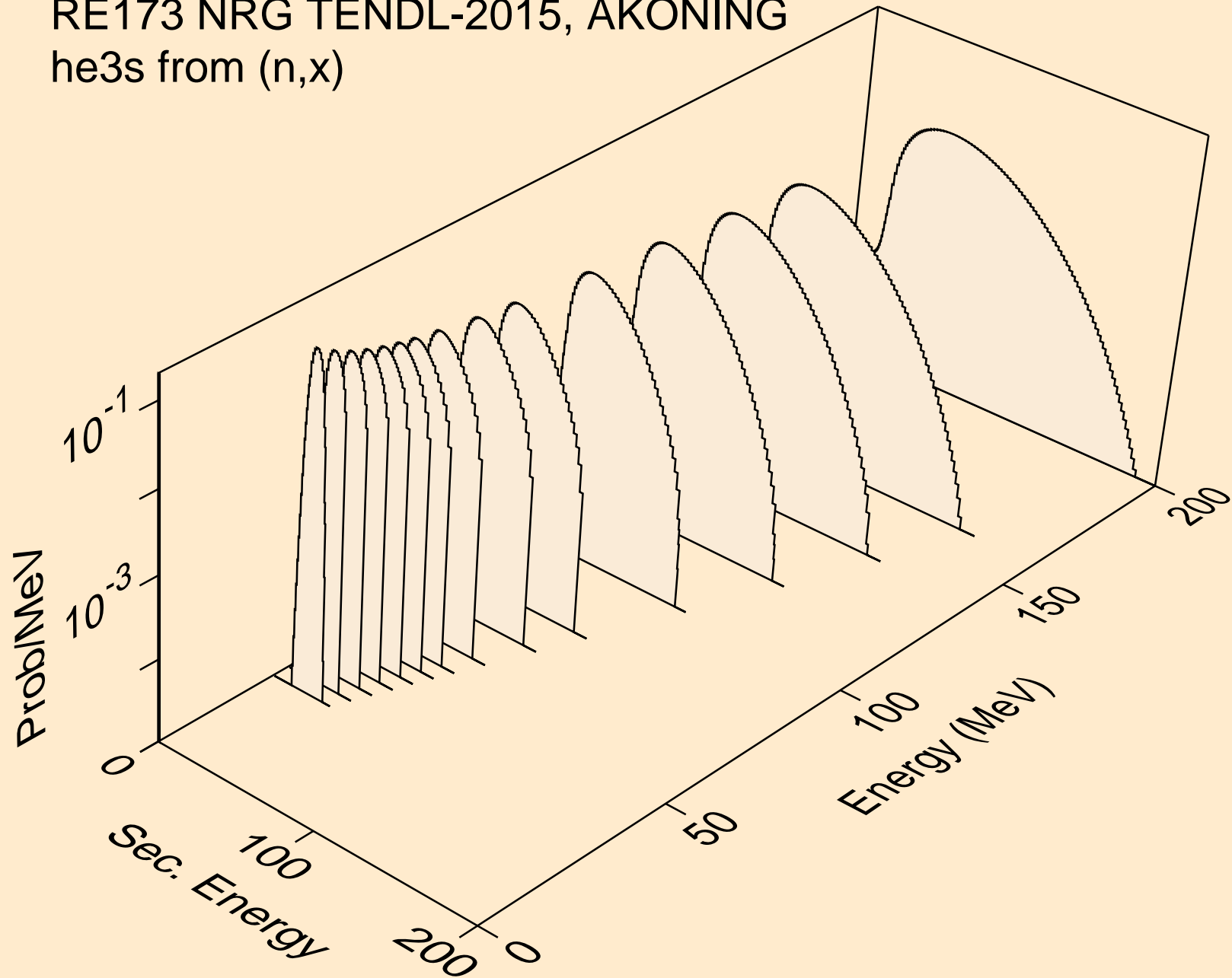
RE173 NRG TENDL-2015, AKONING  
tritons from (n,t)



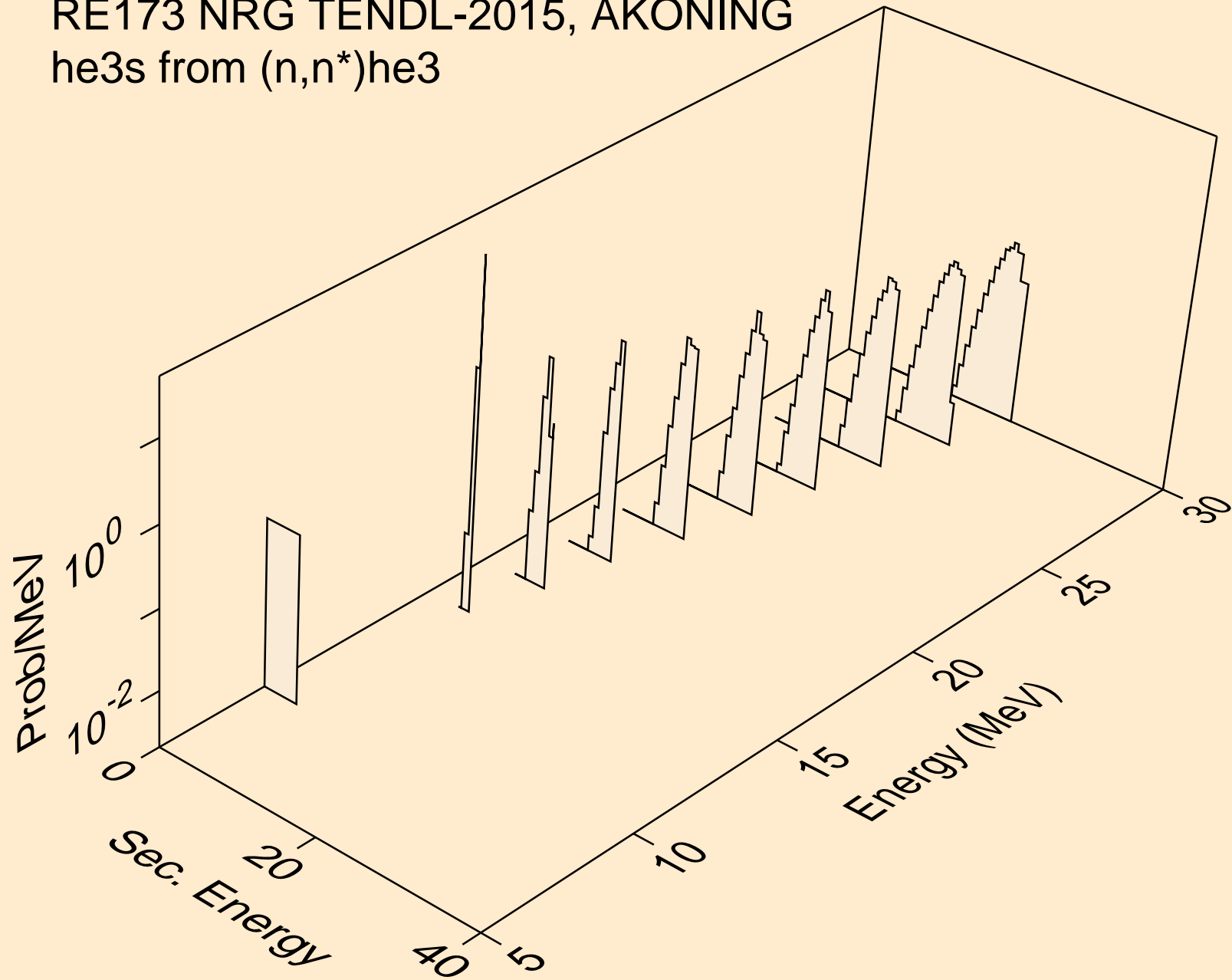
RE173 NRG TENDL-2015, AKONING  
tritons from (n,pt)



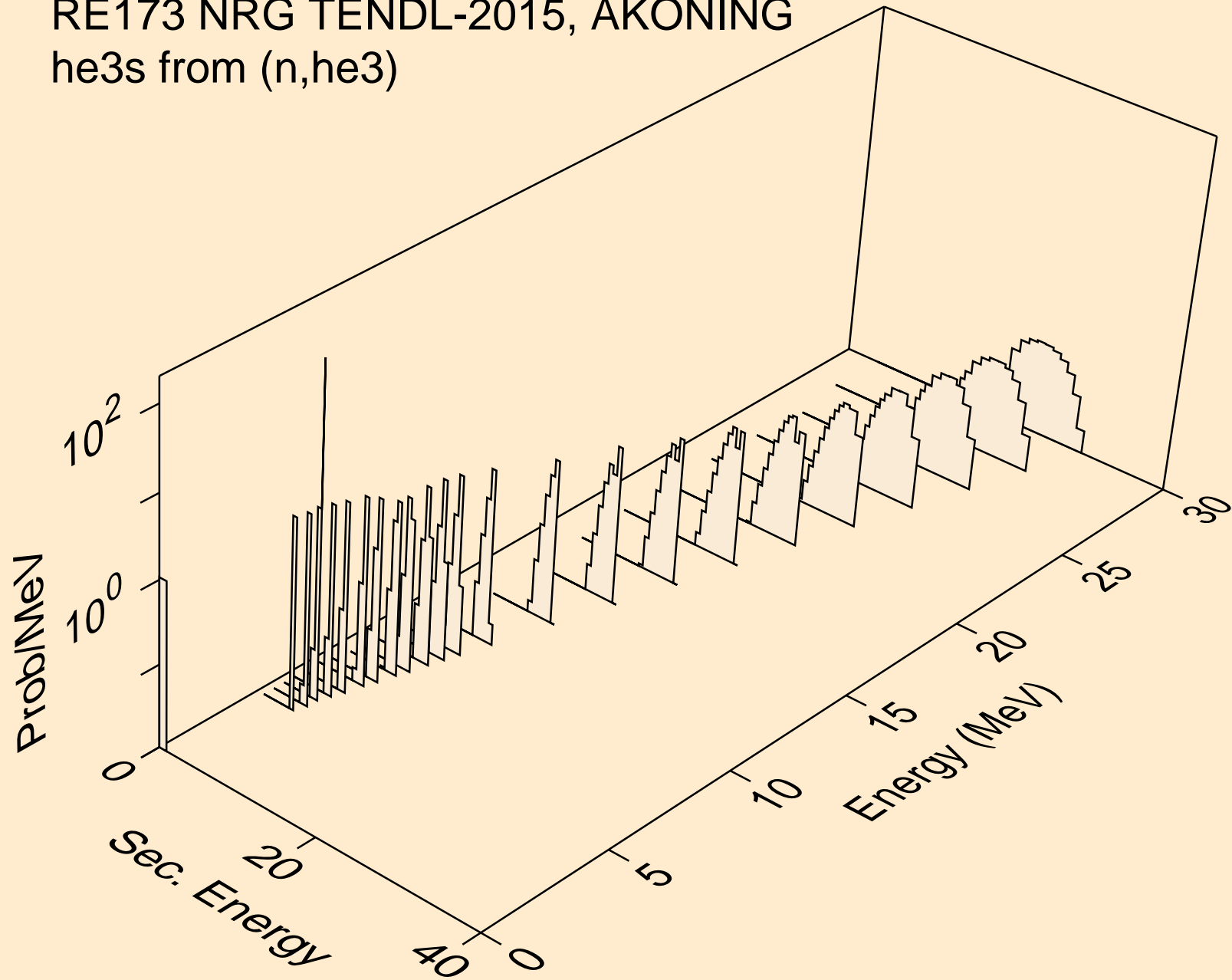
RE173 NRG TENDL-2015, AKONING  
he3s from (n,x)



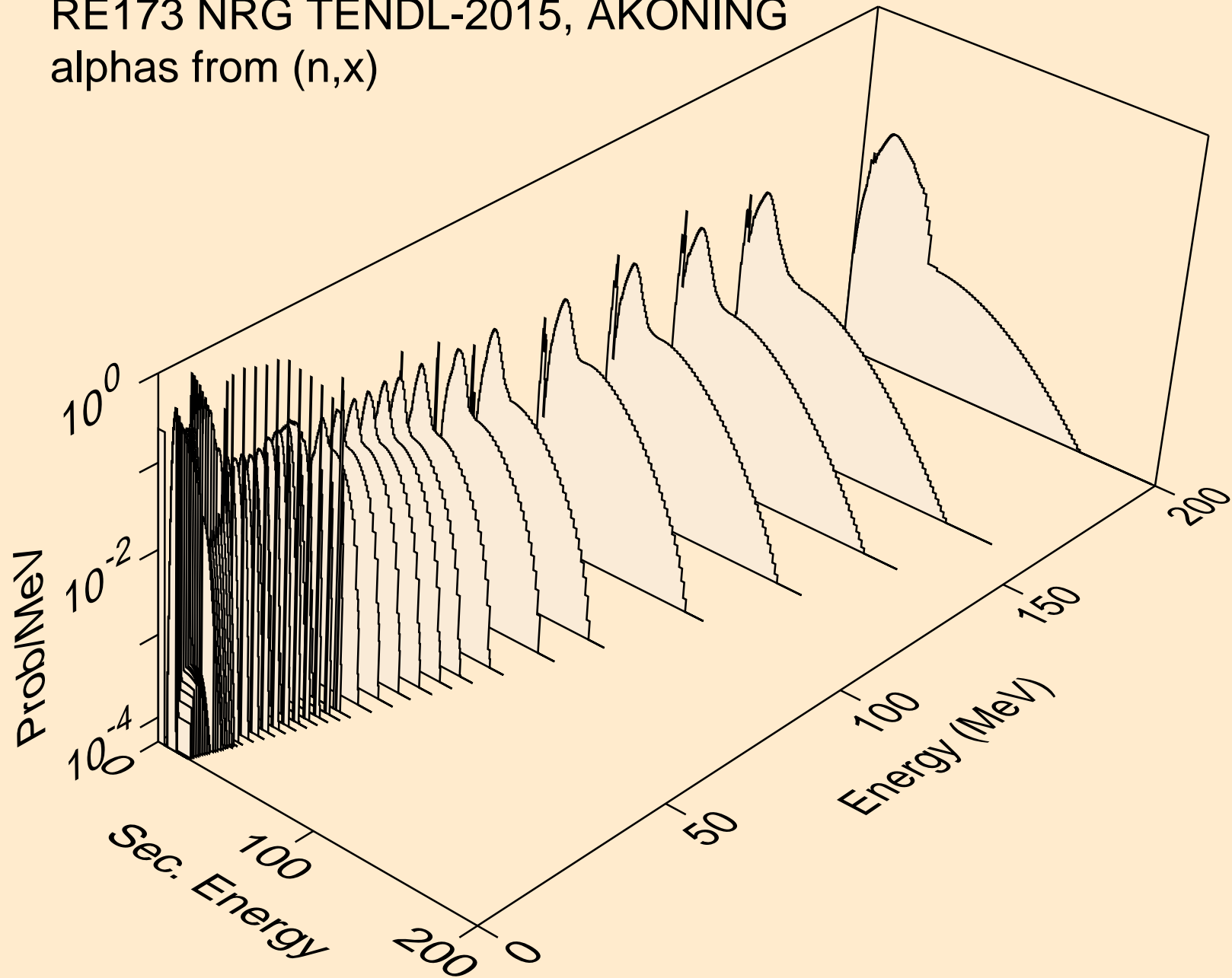
RE173 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



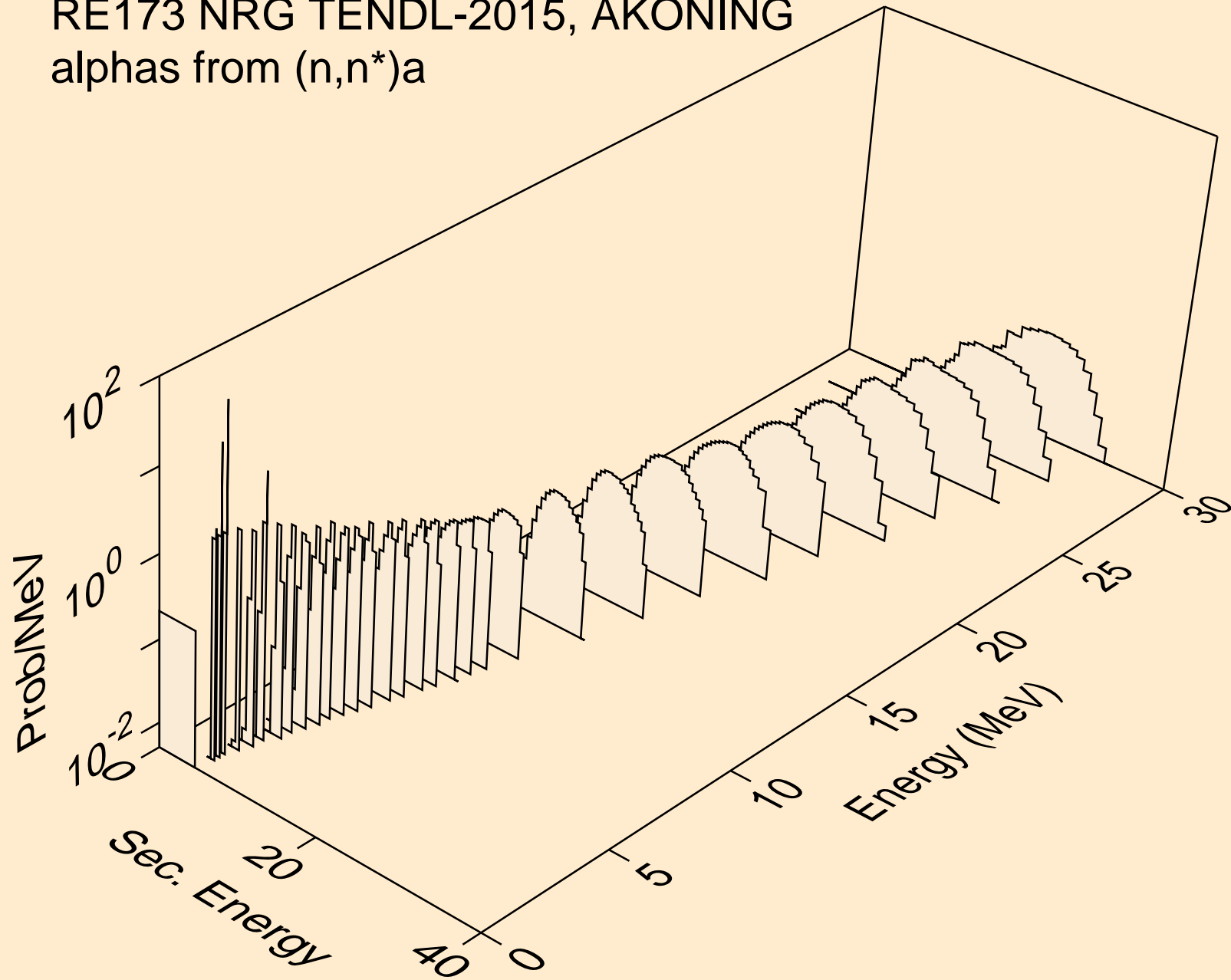
RE173 NRG TENDL-2015, AKONING  
he3s from (n,he3)



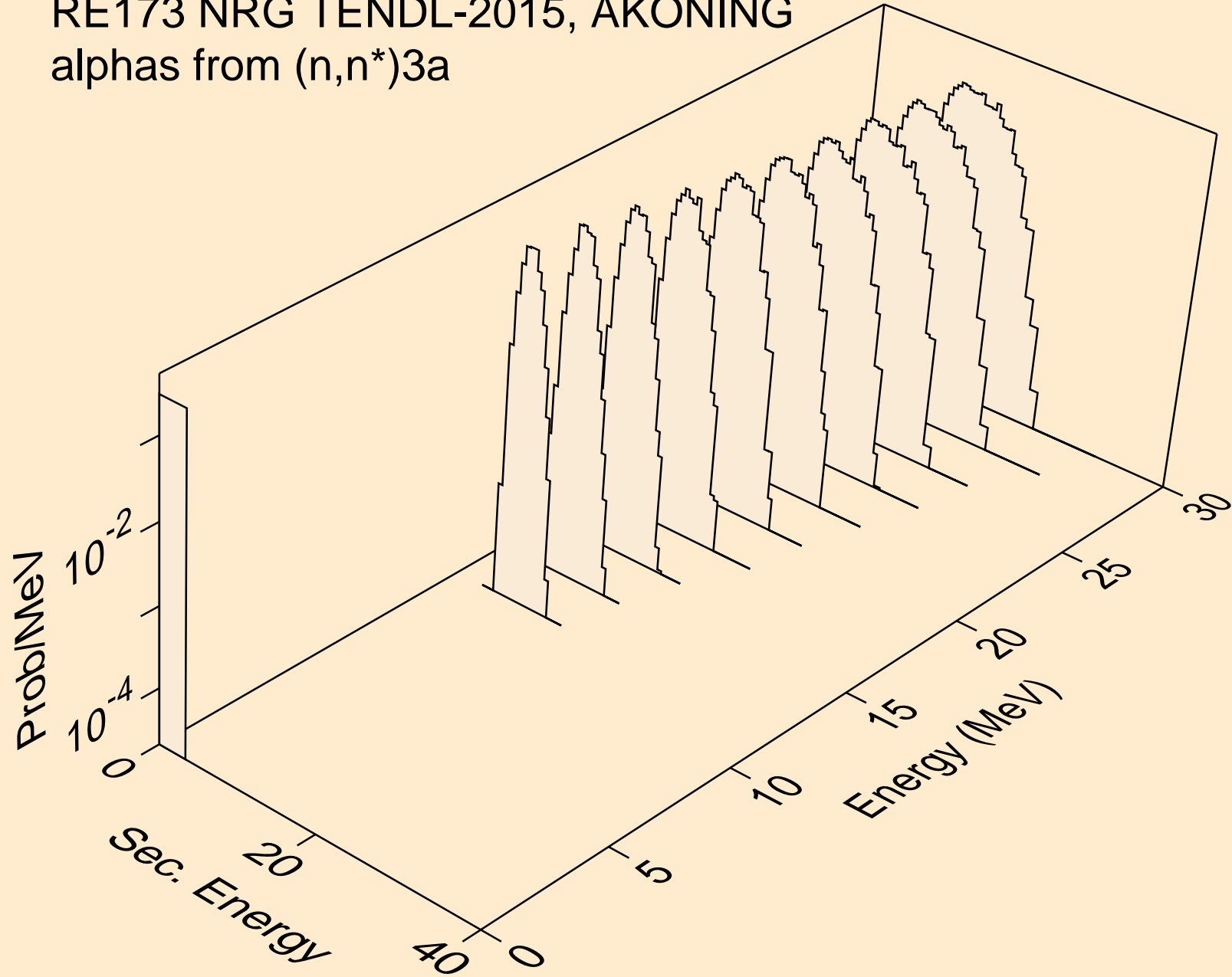
RE173 NRG TENDL-2015, AKONING  
alphas from (n,x)



RE173 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

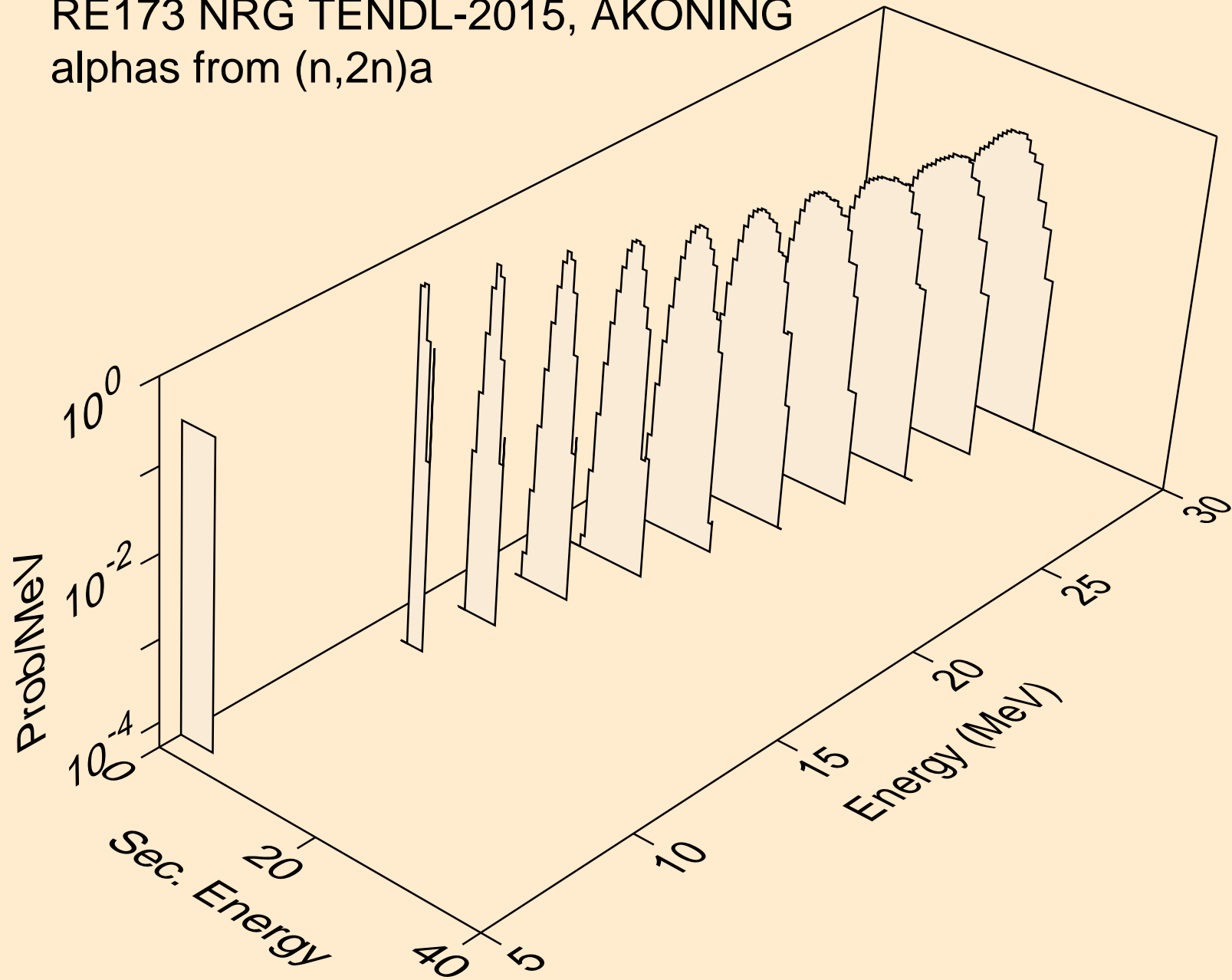


RE173 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a

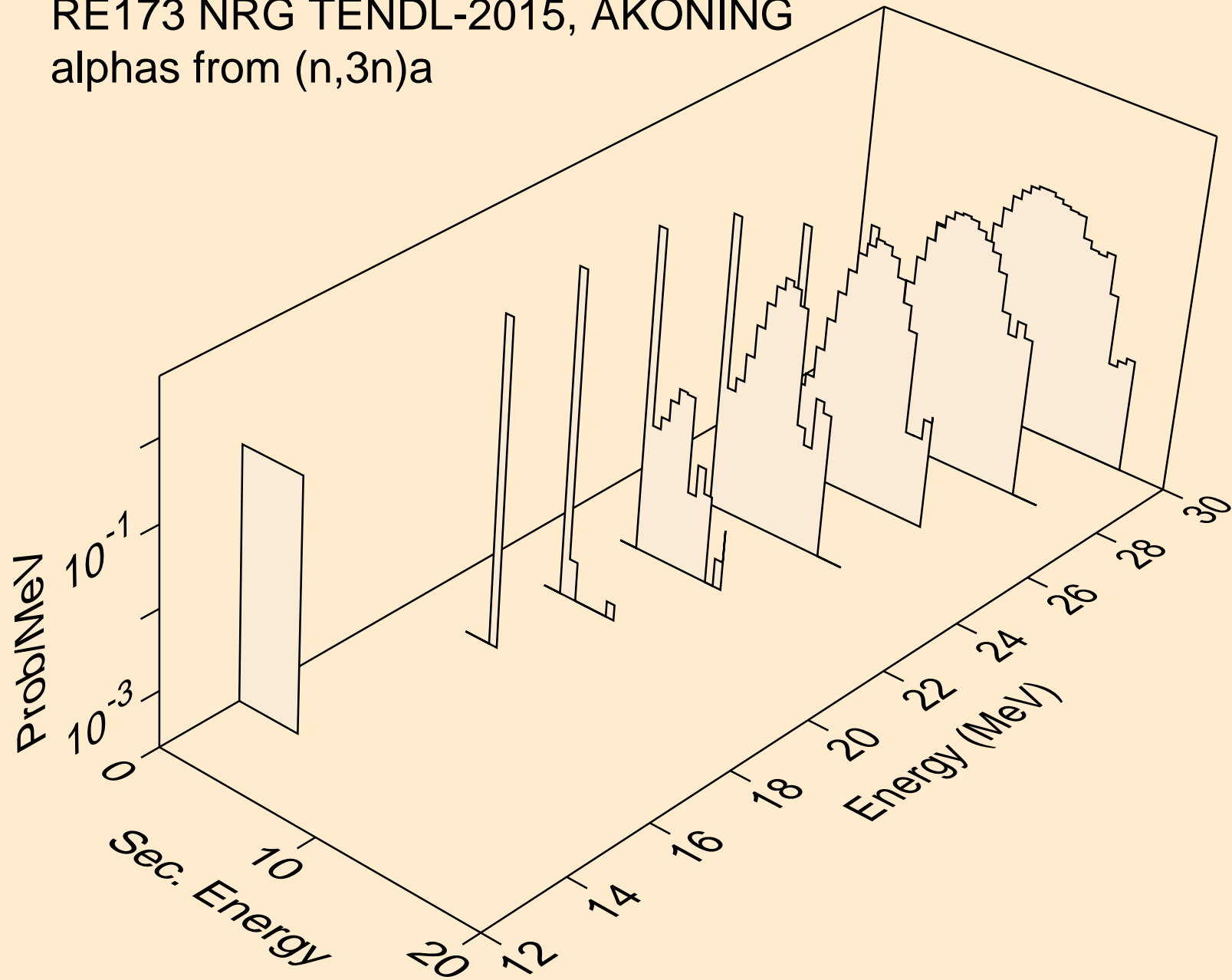




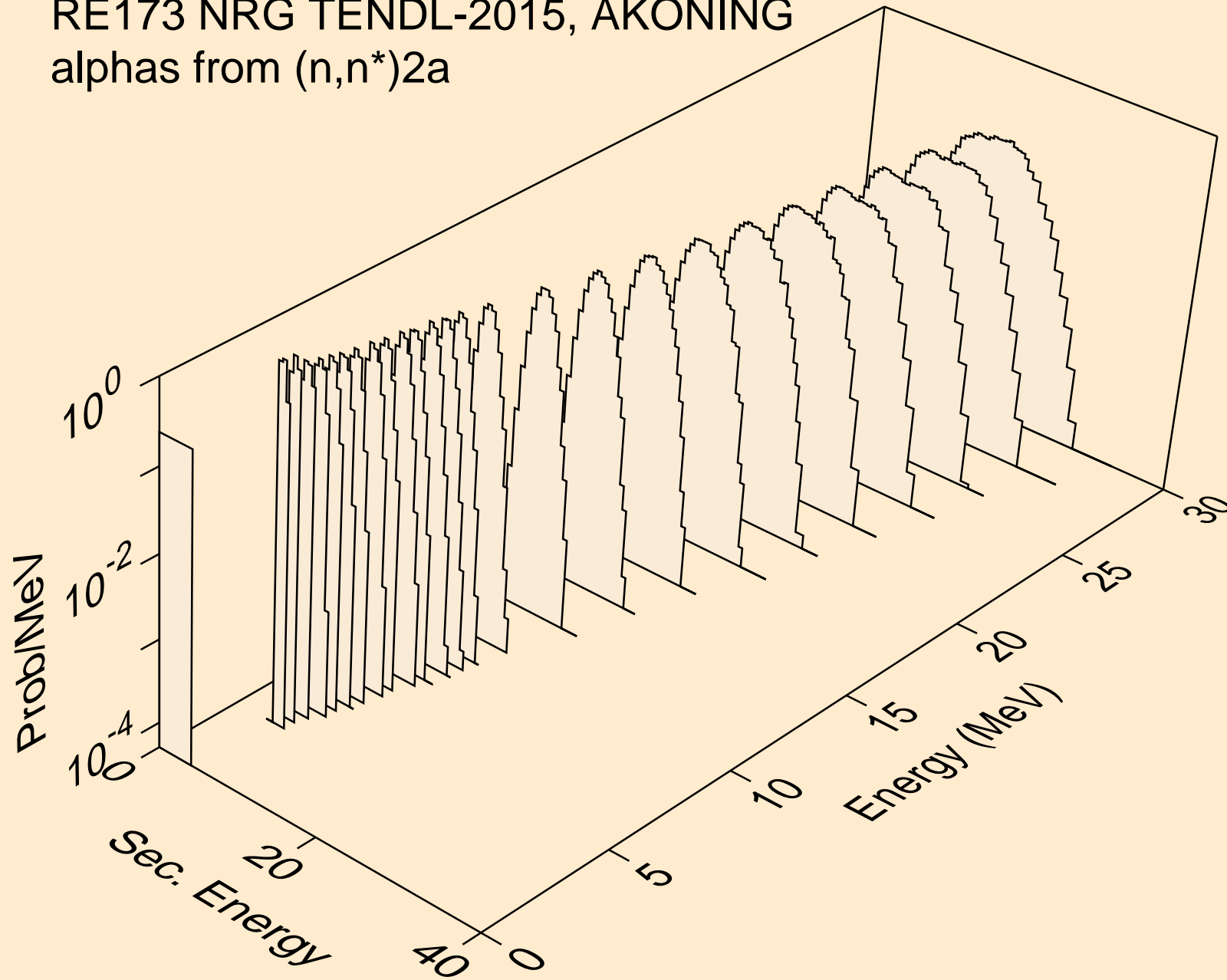
RE173 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



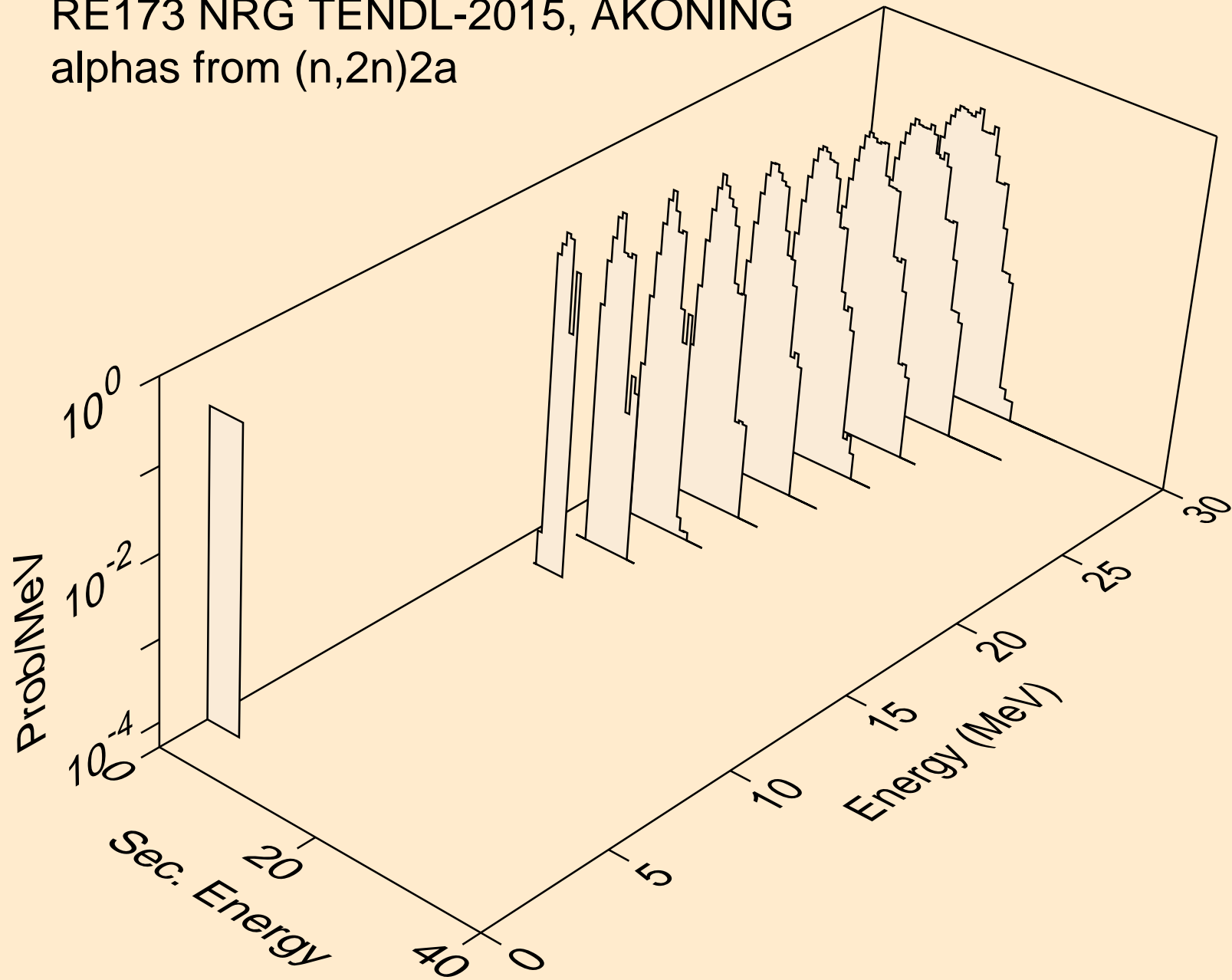
RE173 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



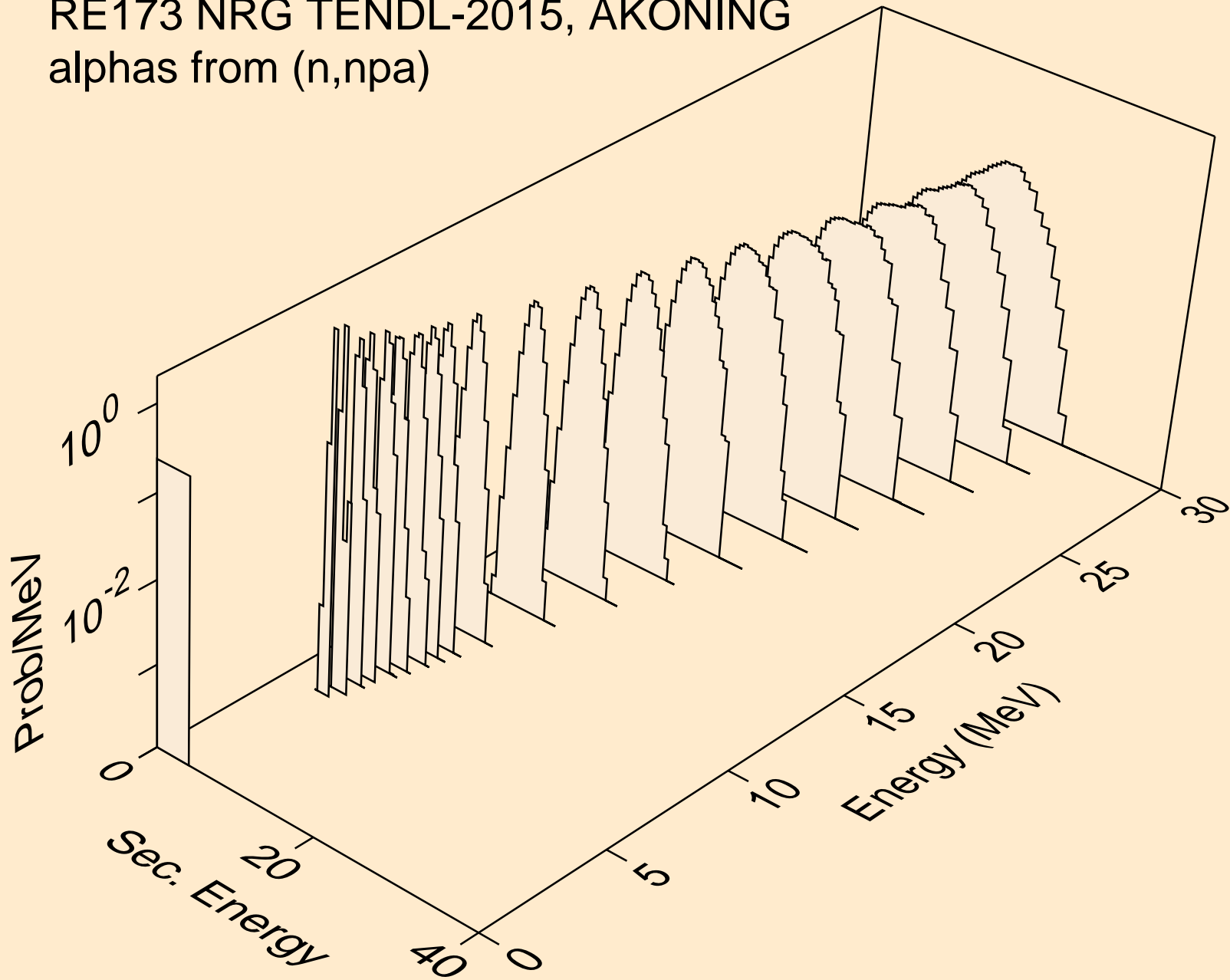
RE173 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



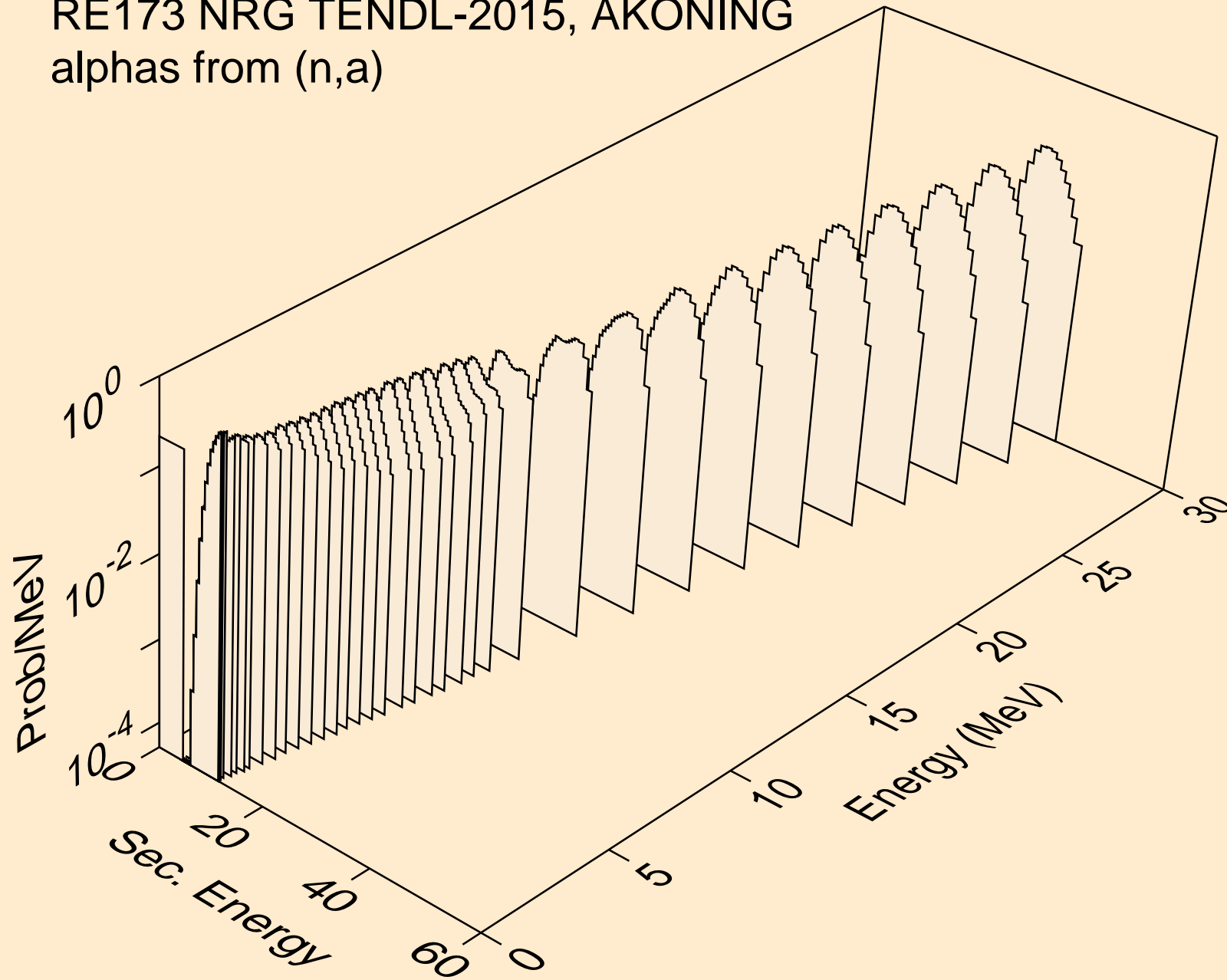
RE173 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



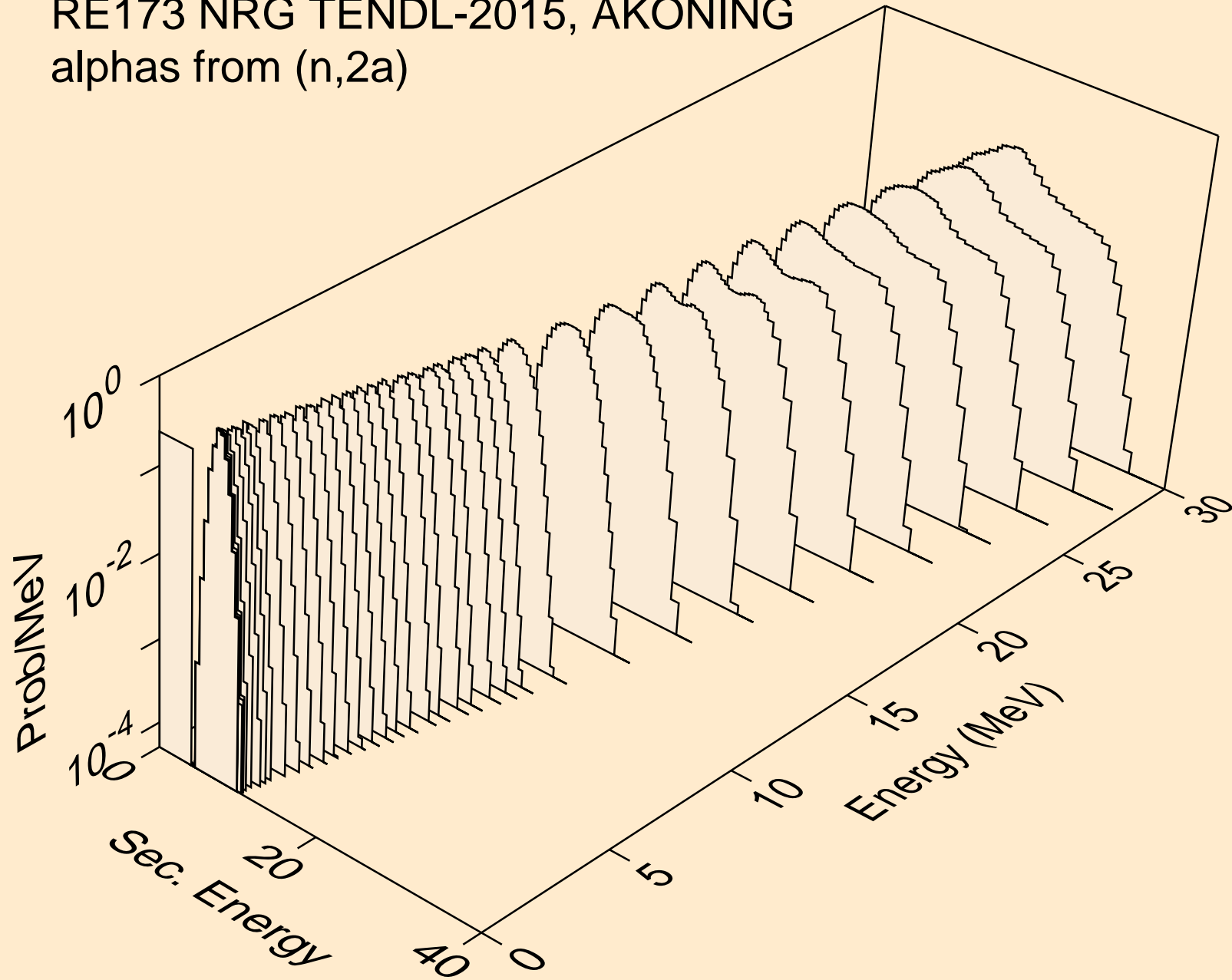
RE173 NRG TENDL-2015, AKONING  
alphas from (n,npa)



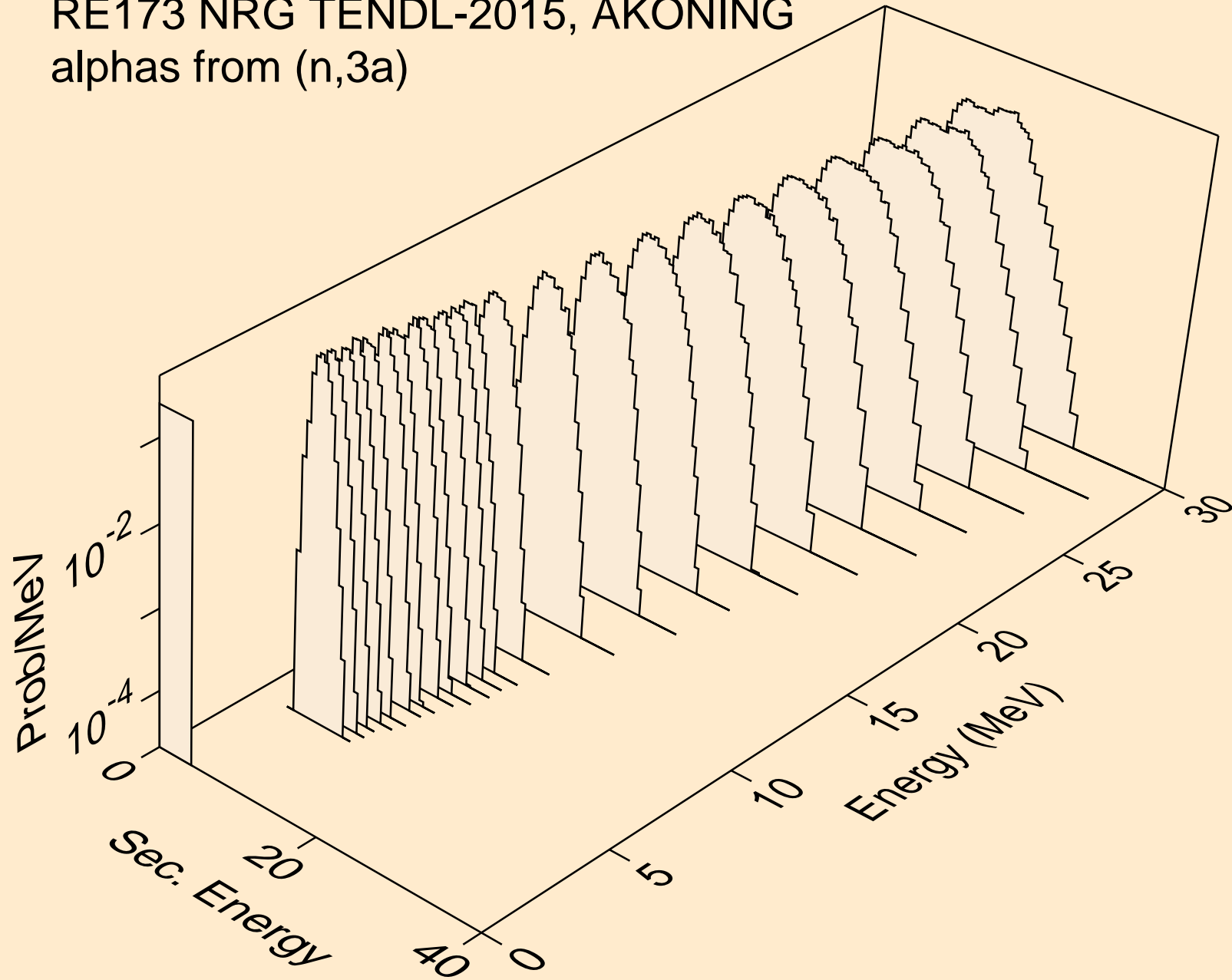
RE173 NRG TENDL-2015, AKONING  
alphas from (n,a)



RE173 NRG TENDL-2015, AKONING  
alphas from (n,2a)

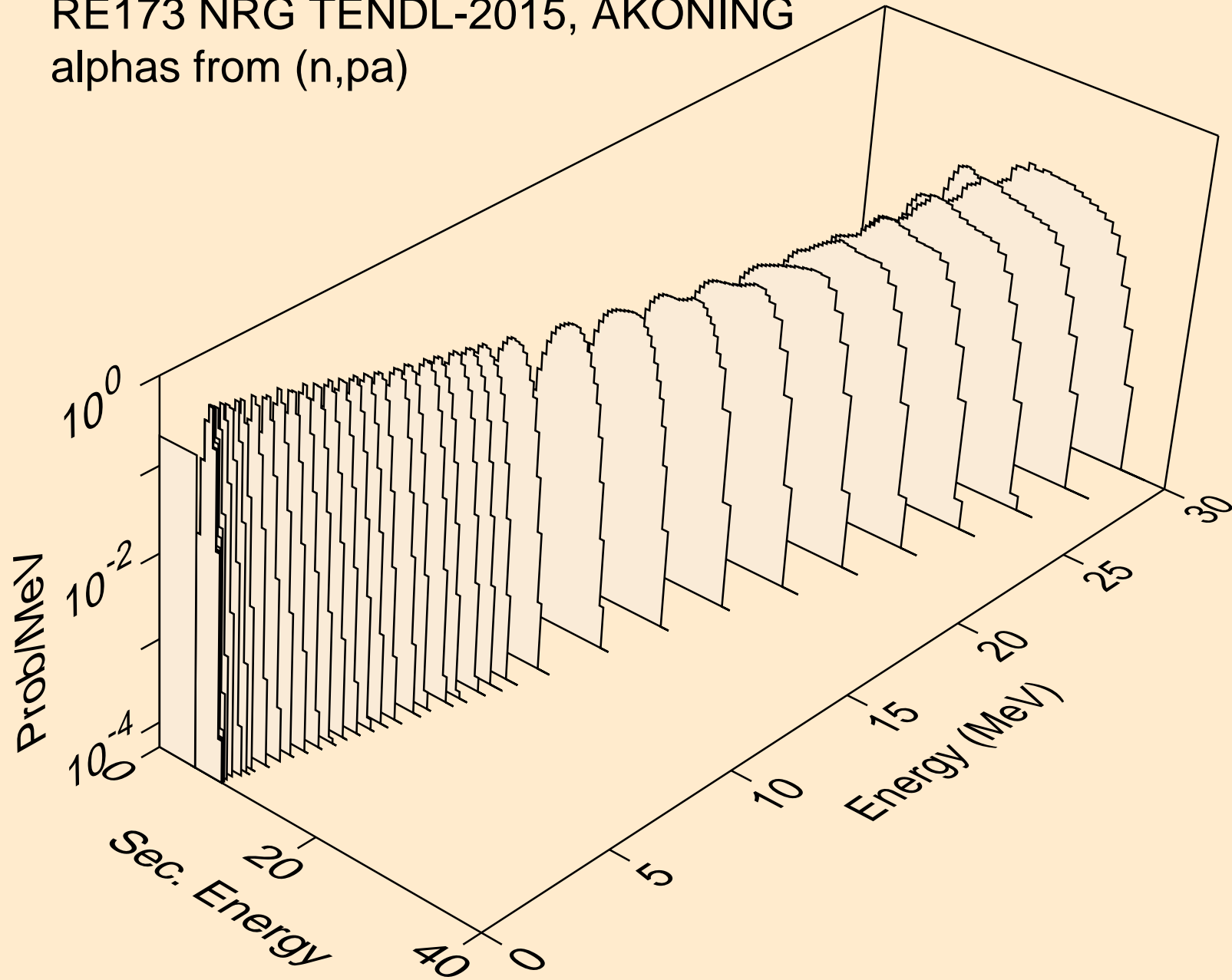


RE173 NRG TENDL-2015, AKONING  
alphas from (n,3a)

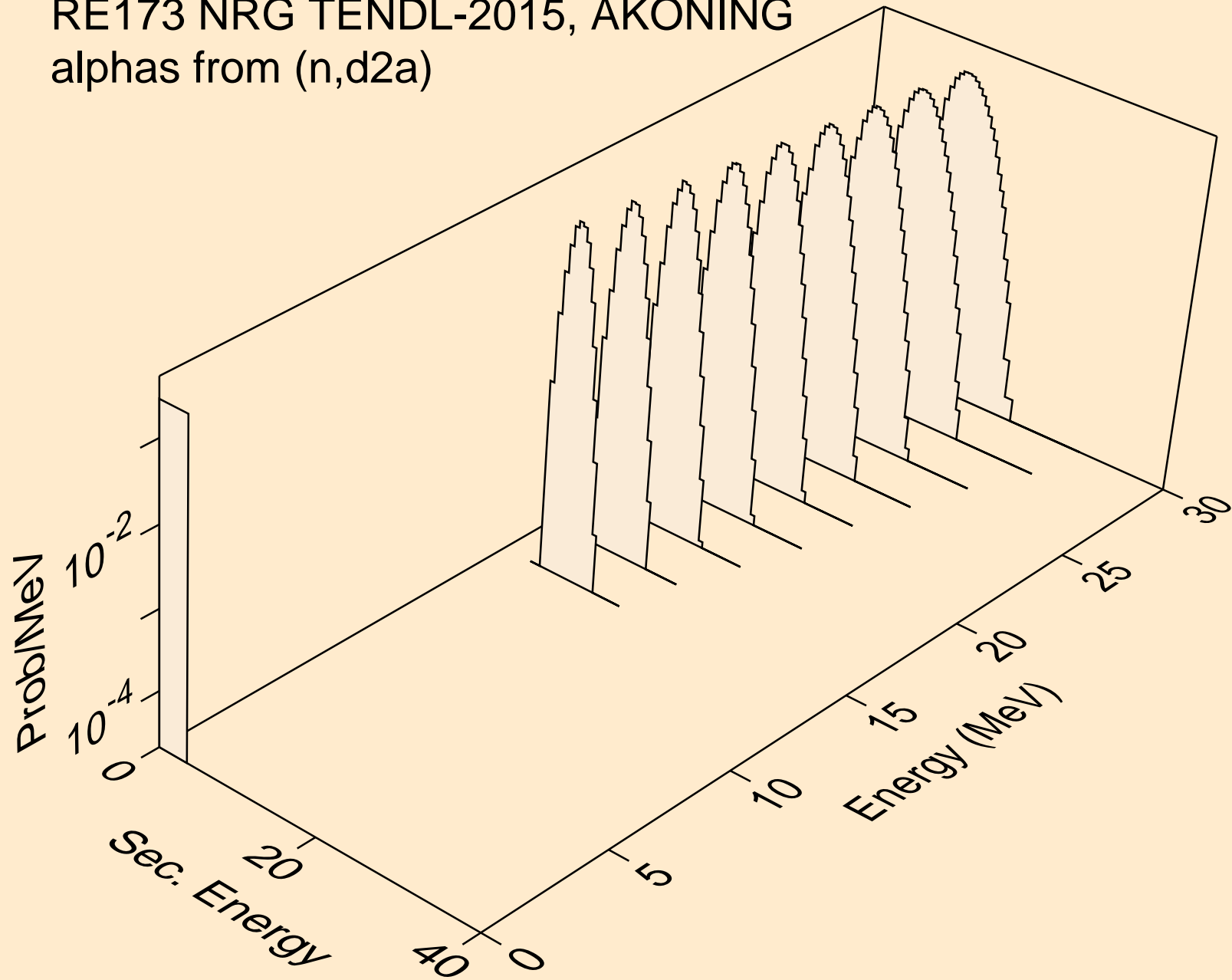




RE173 NRG TENDL-2015, AKONING  
alphas from (n,pa)



RE173 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



RE173 NRG TENDL-2015, AKONING  
alphas from (n,da)

