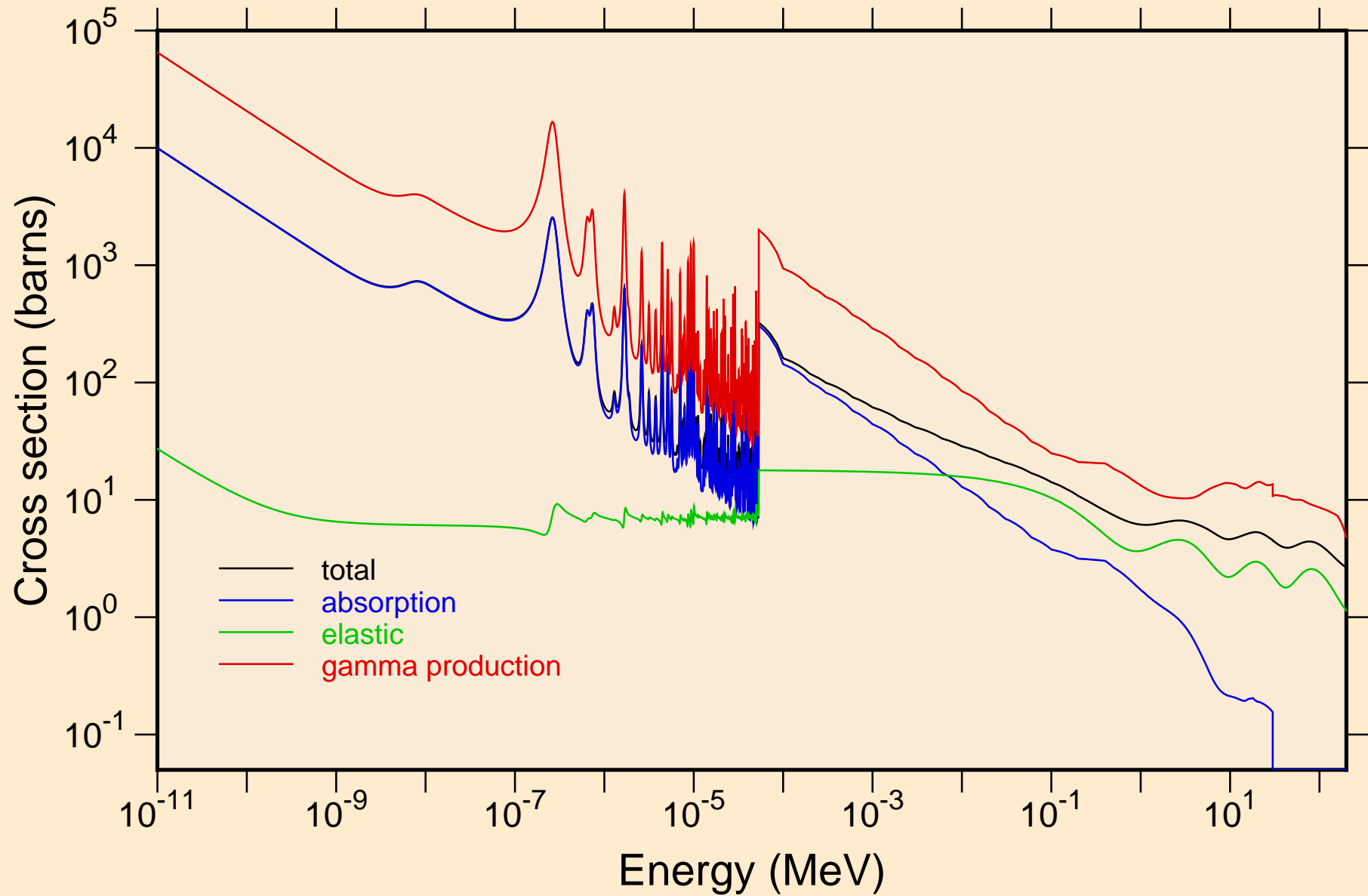
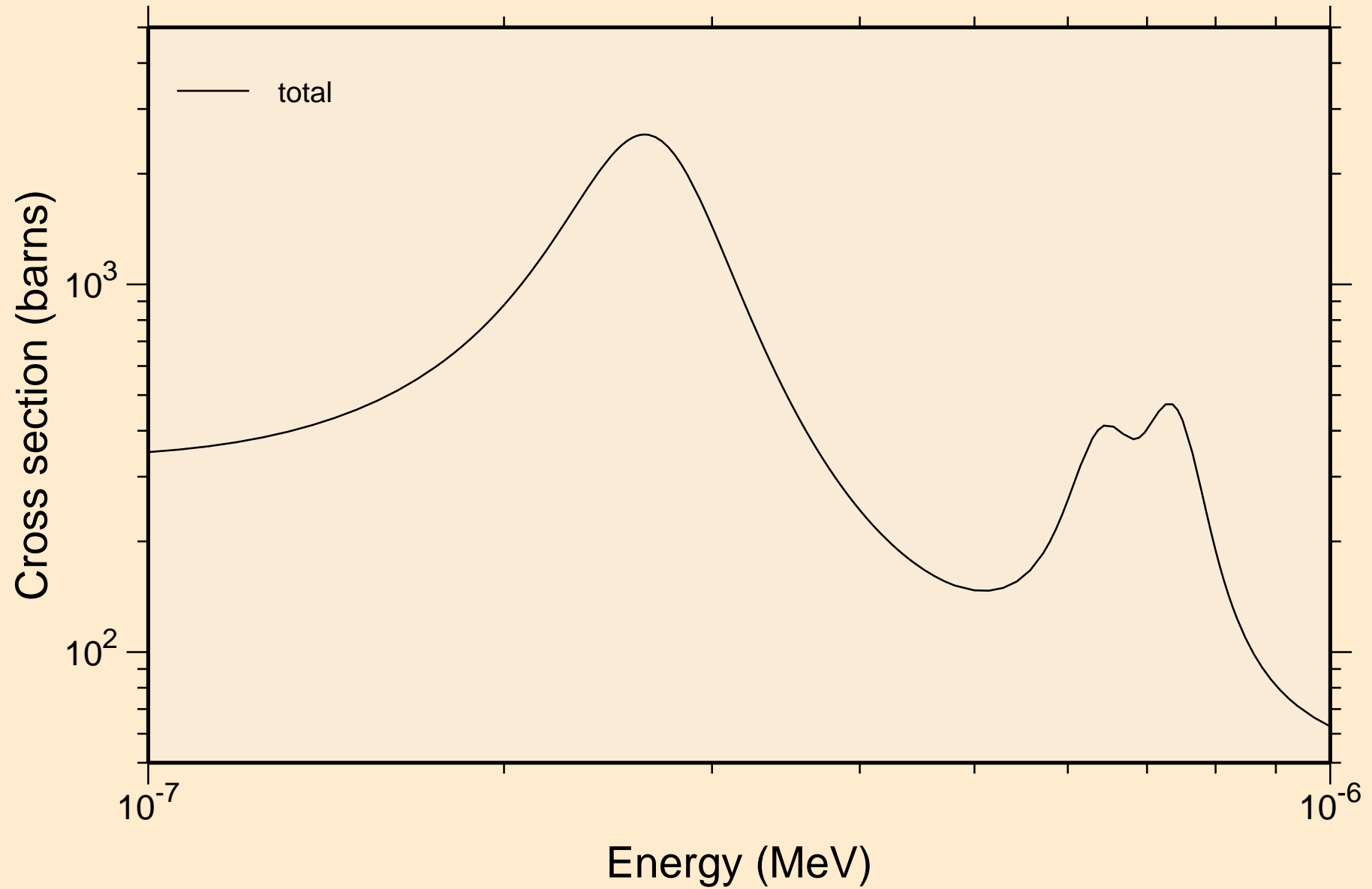


# RE172 NRG TENDL-2015, AKONING

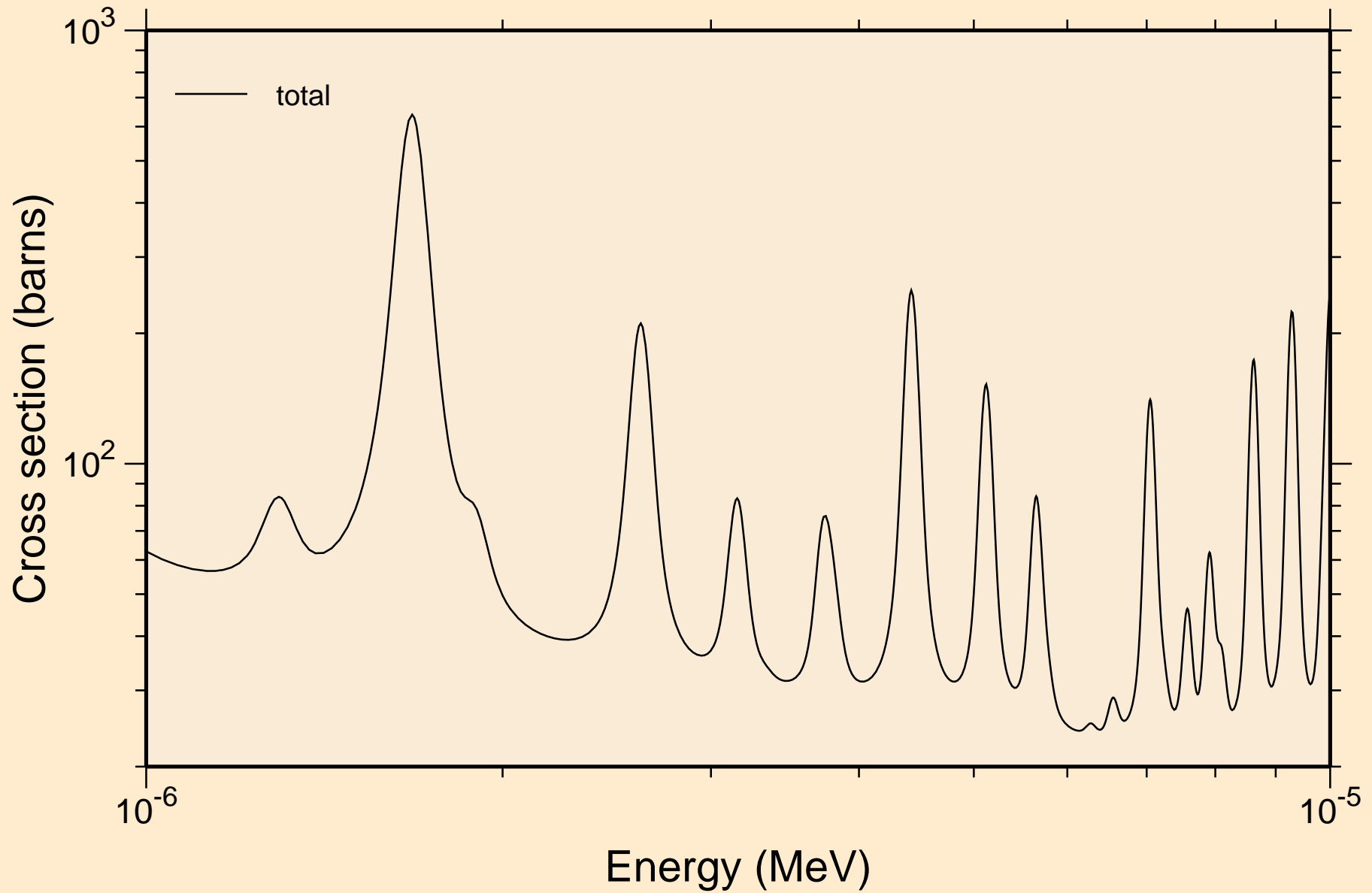
## Principal cross sections



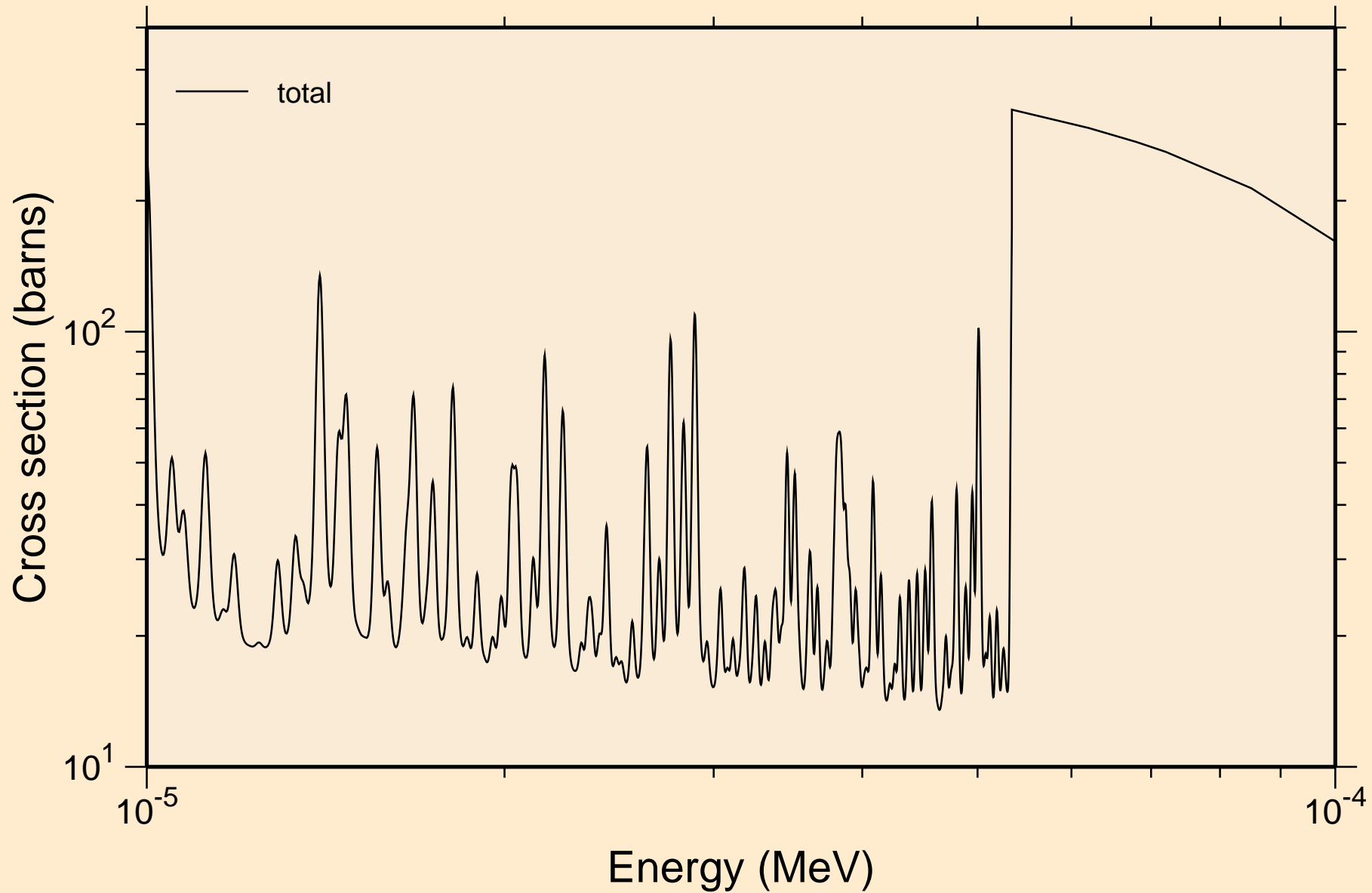
RE172 NRG TENDL-2015, AKONING  
resonance total cross section



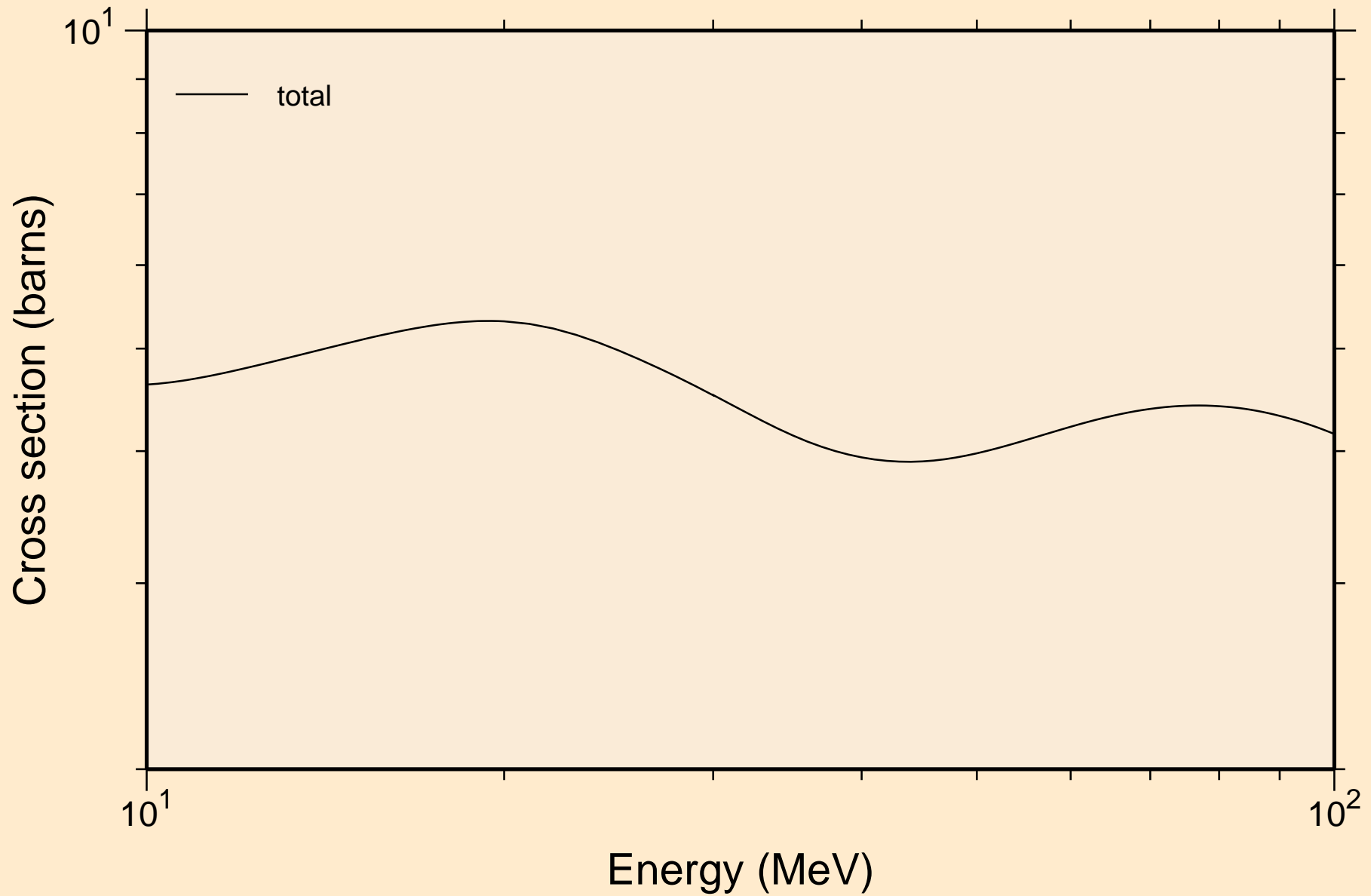
RE172 NRG TENDL-2015, AKONING  
resonance total cross section



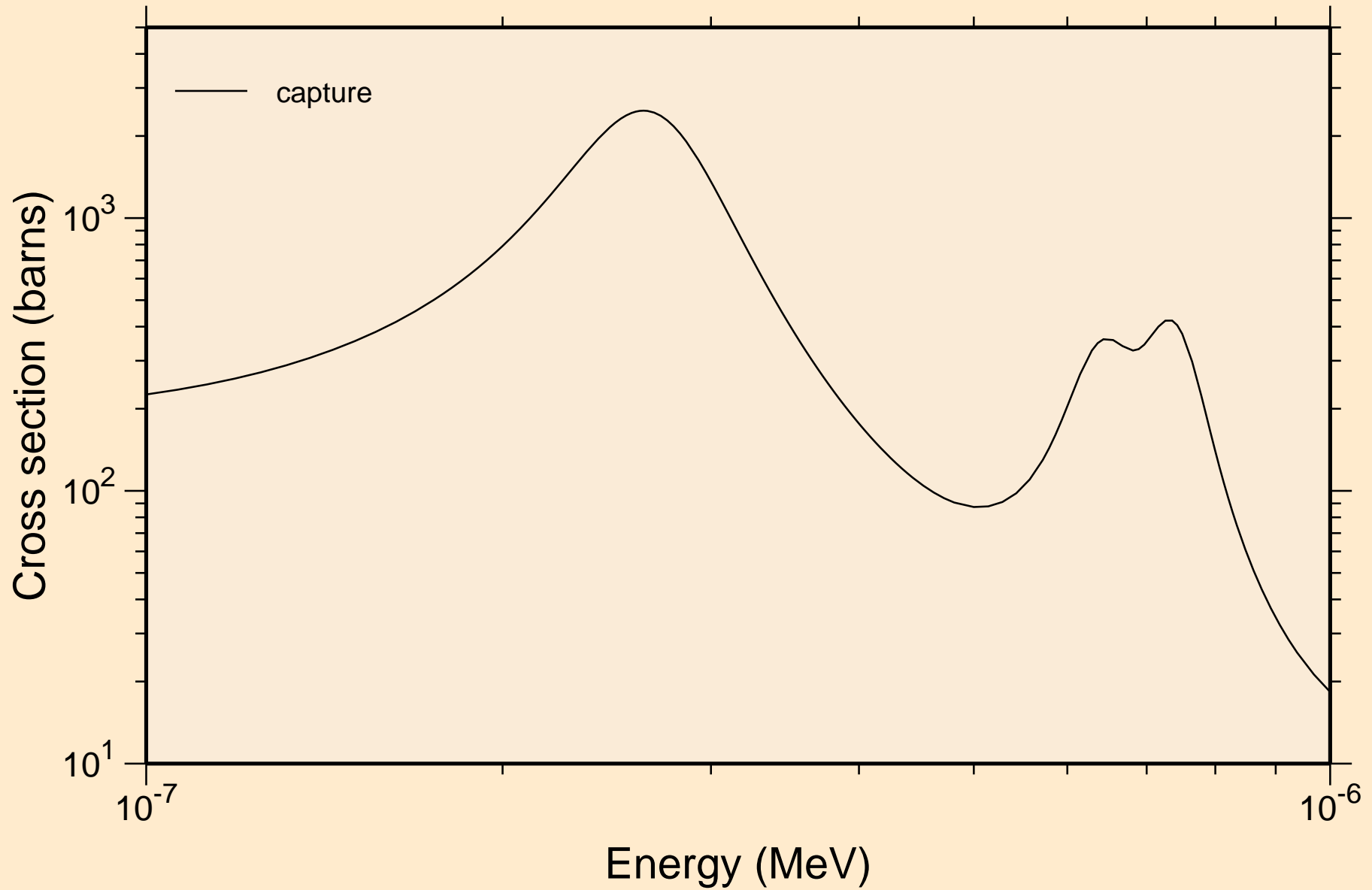
RE172 NRG TENDL-2015, AKONING  
resonance total cross section



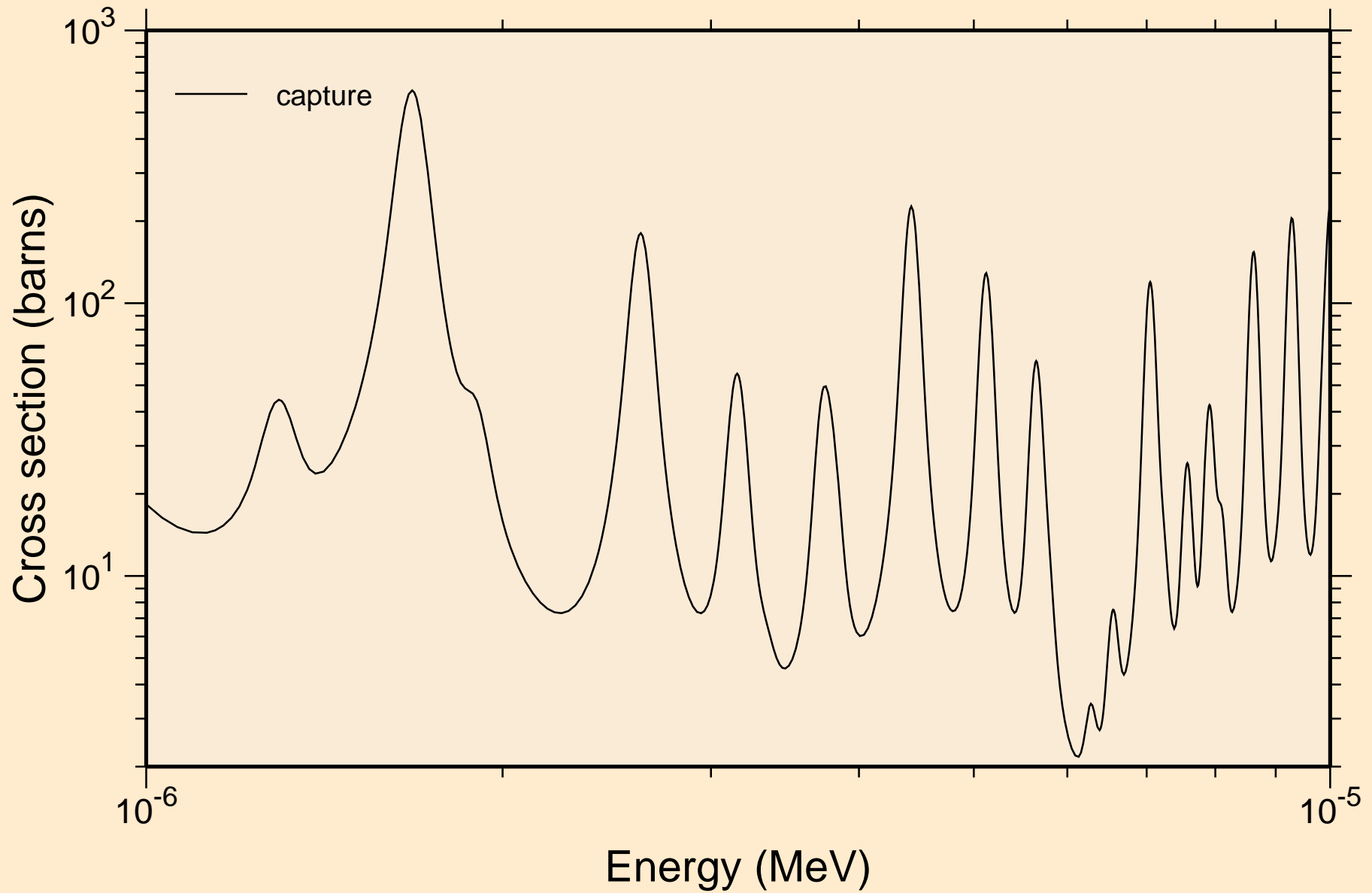
RE172 NRG TENDL-2015, AKONING  
resonance total cross section



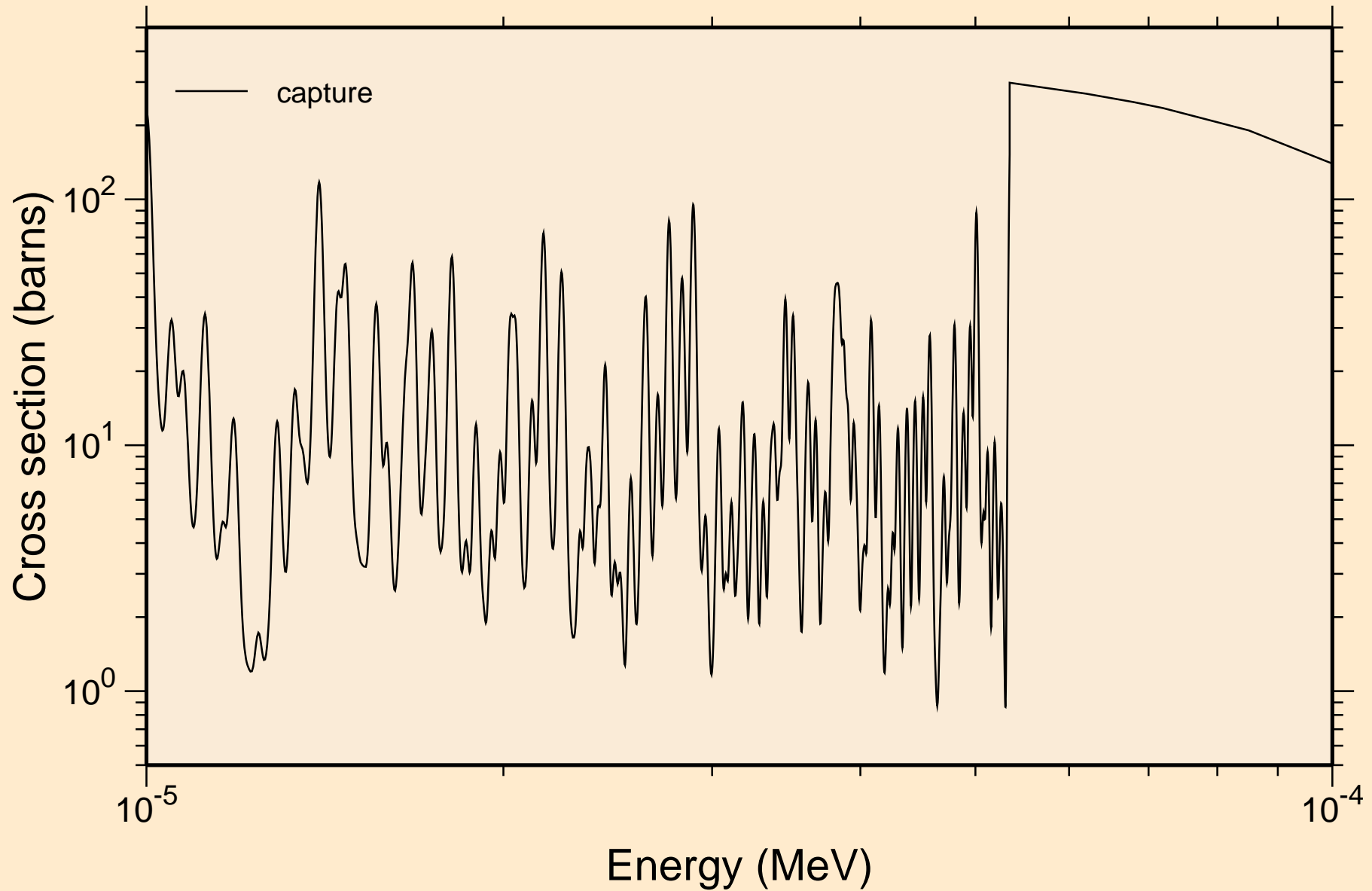
RE172 NRG TENDL-2015, AKONING  
resonance absorption cross sections



RE172 NRG TENDL-2015, AKONING  
resonance absorption cross sections

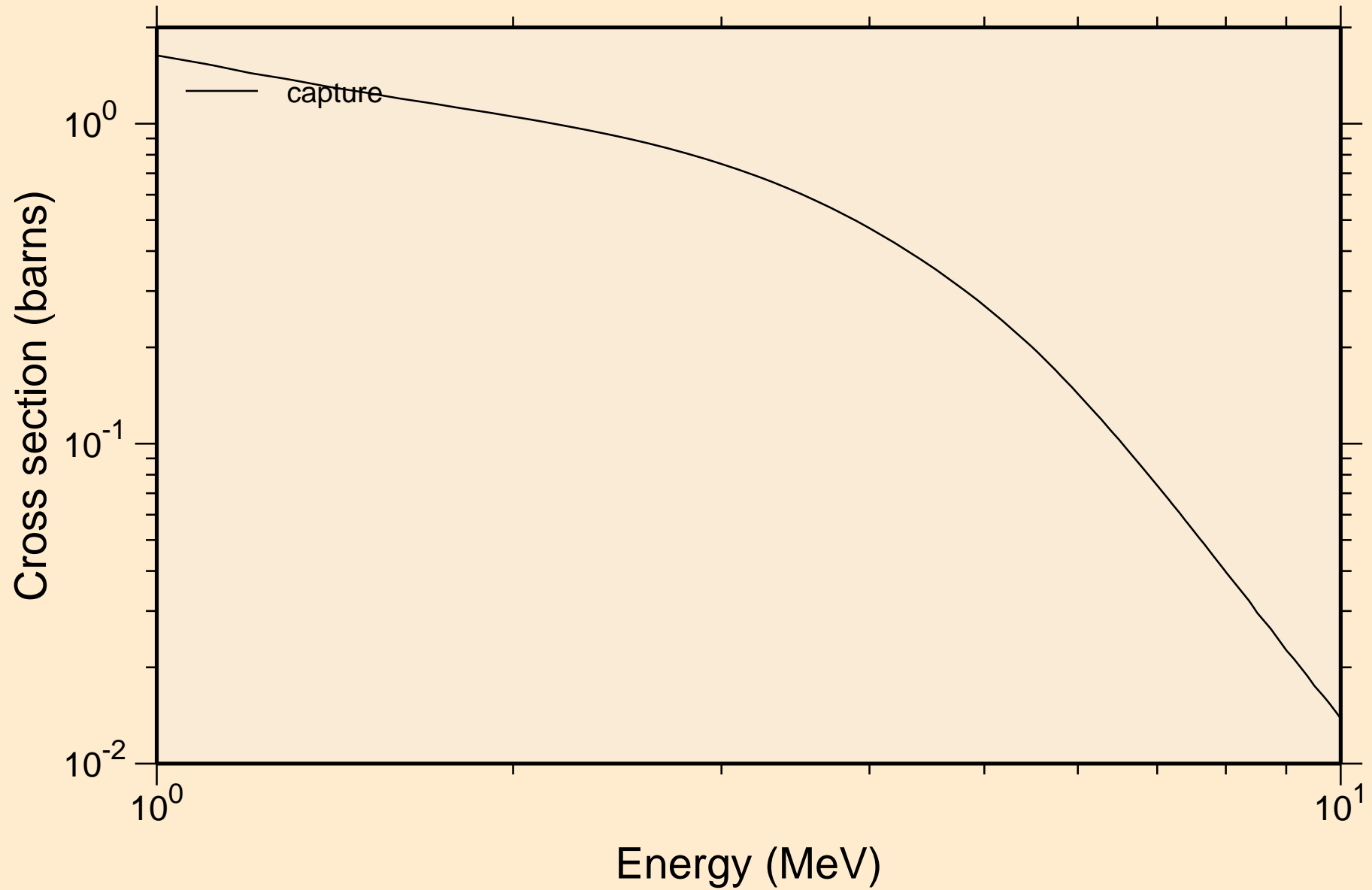


RE172 NRG TENDL-2015, AKONING  
resonance absorption cross sections



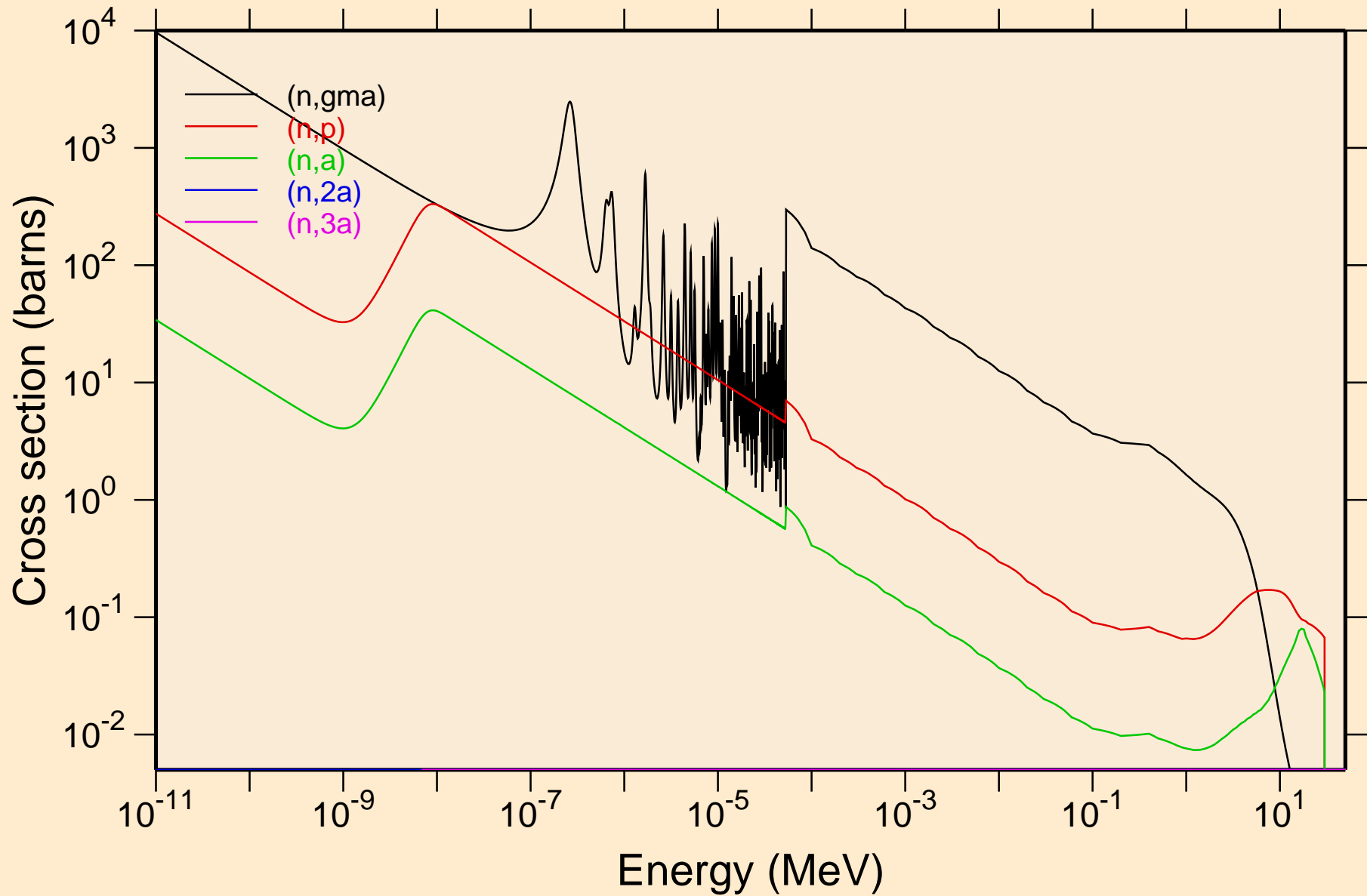


RE172 NRG TENDL-2015, AKONING  
resonance absorption cross sections

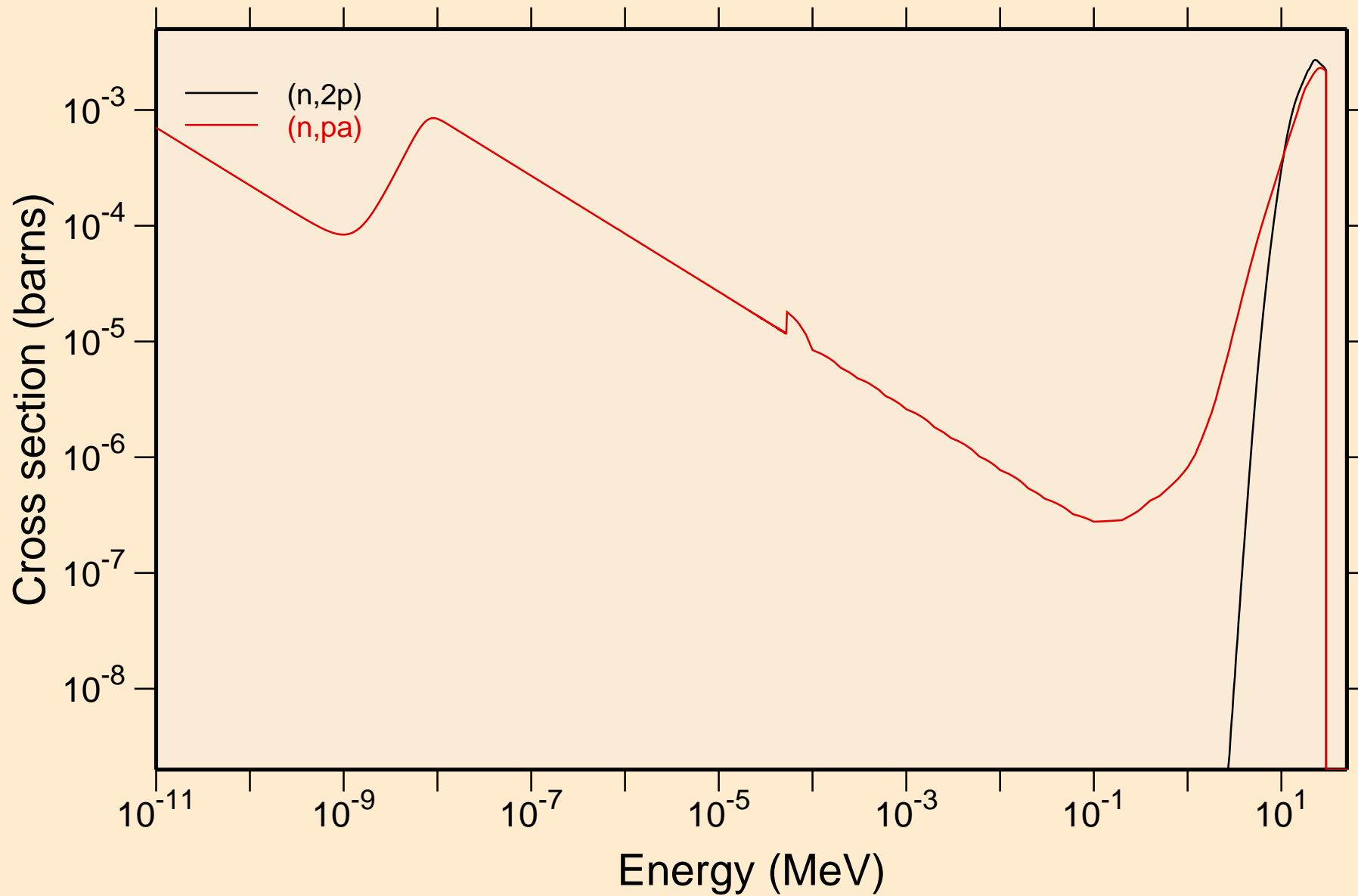


# RE172 NRG TENDL-2015, AKONING

## Non-threshold reactions

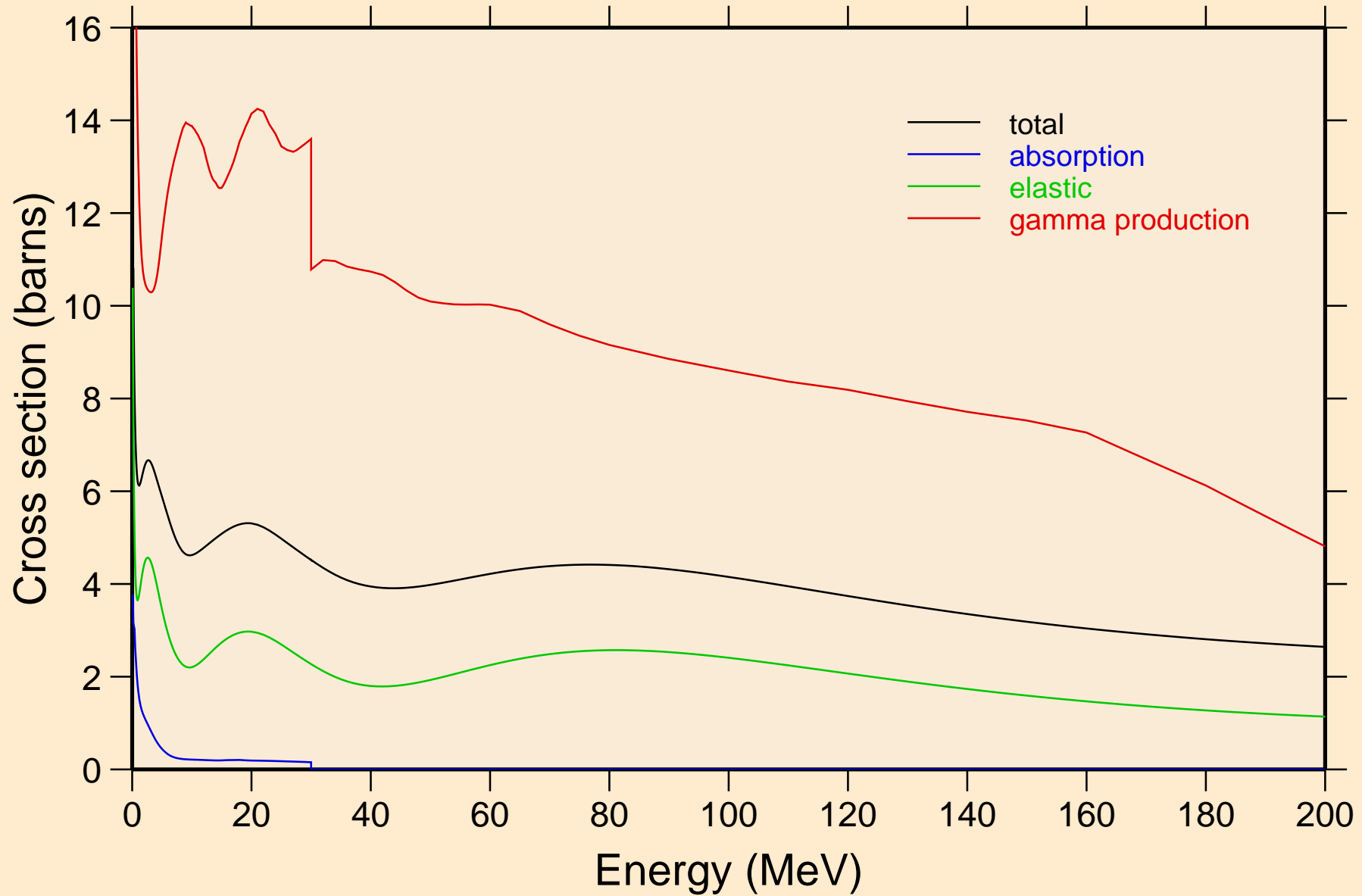


RE172 NRG TENDL-2015, AKONING  
Non-threshold reactions



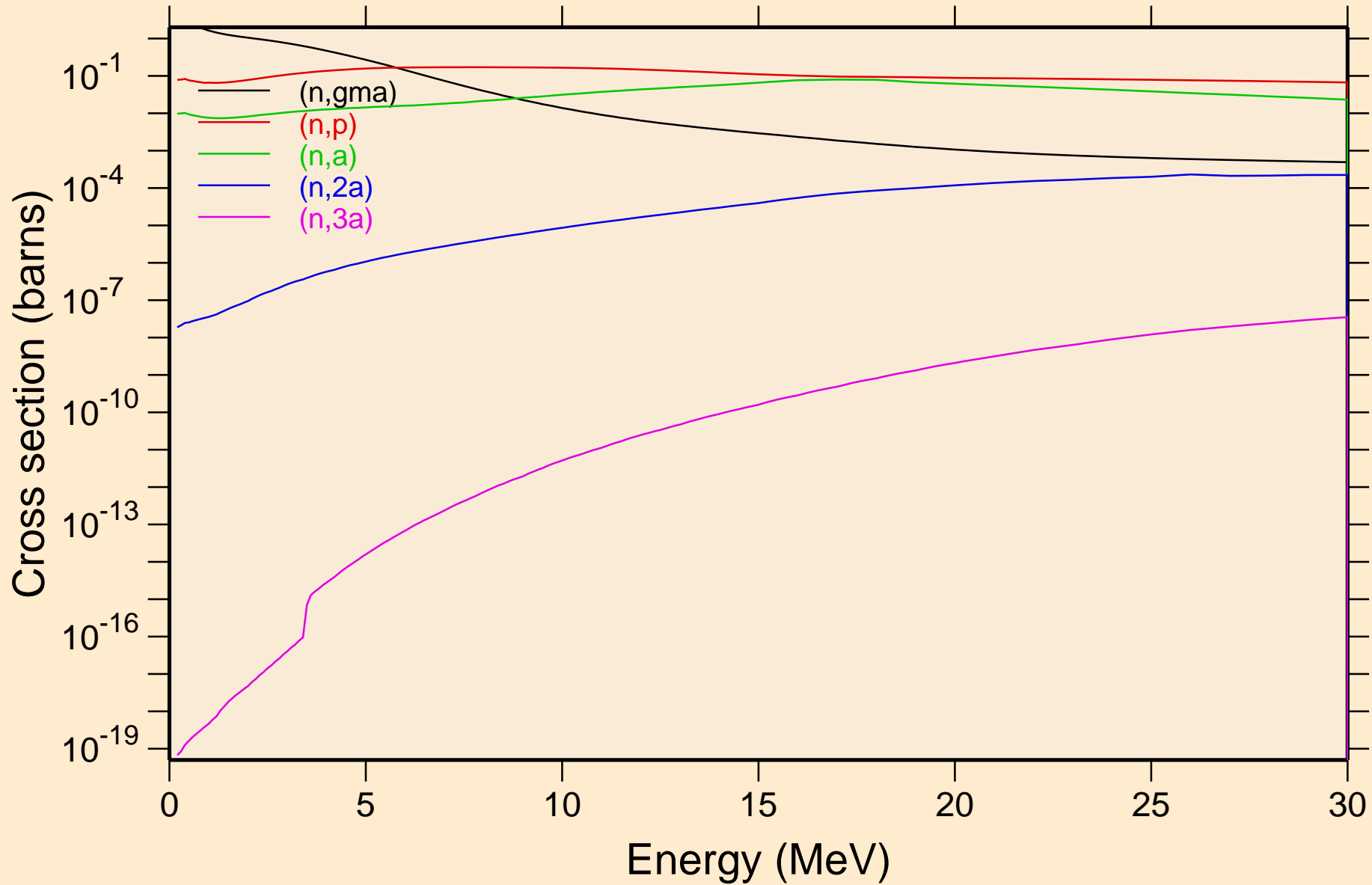
# RE172 NRG TENDL-2015, AKONING

## Principal cross sections



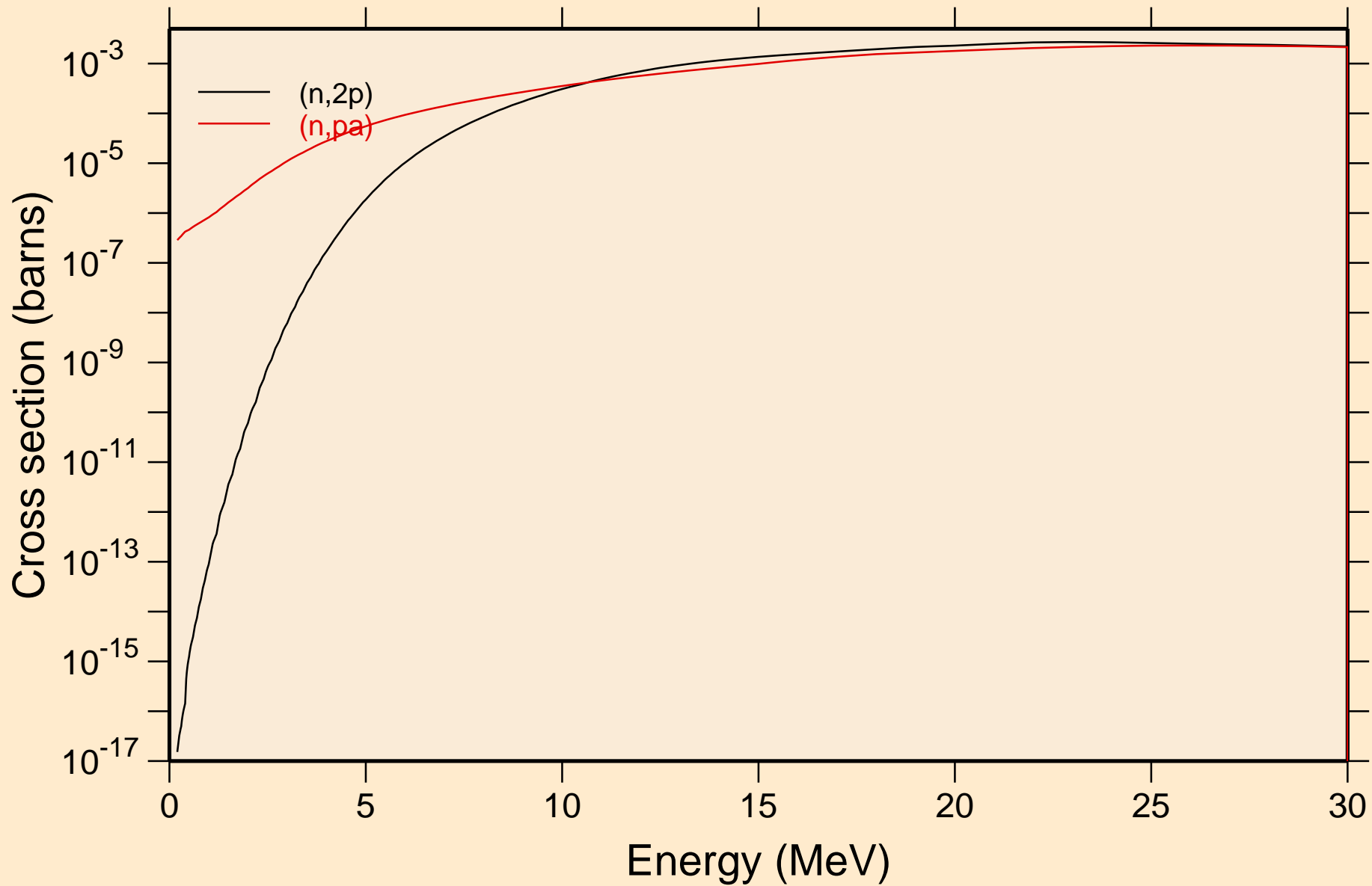
# RE172 NRG TENDL-2015, AKONING

## Non-threshold reactions



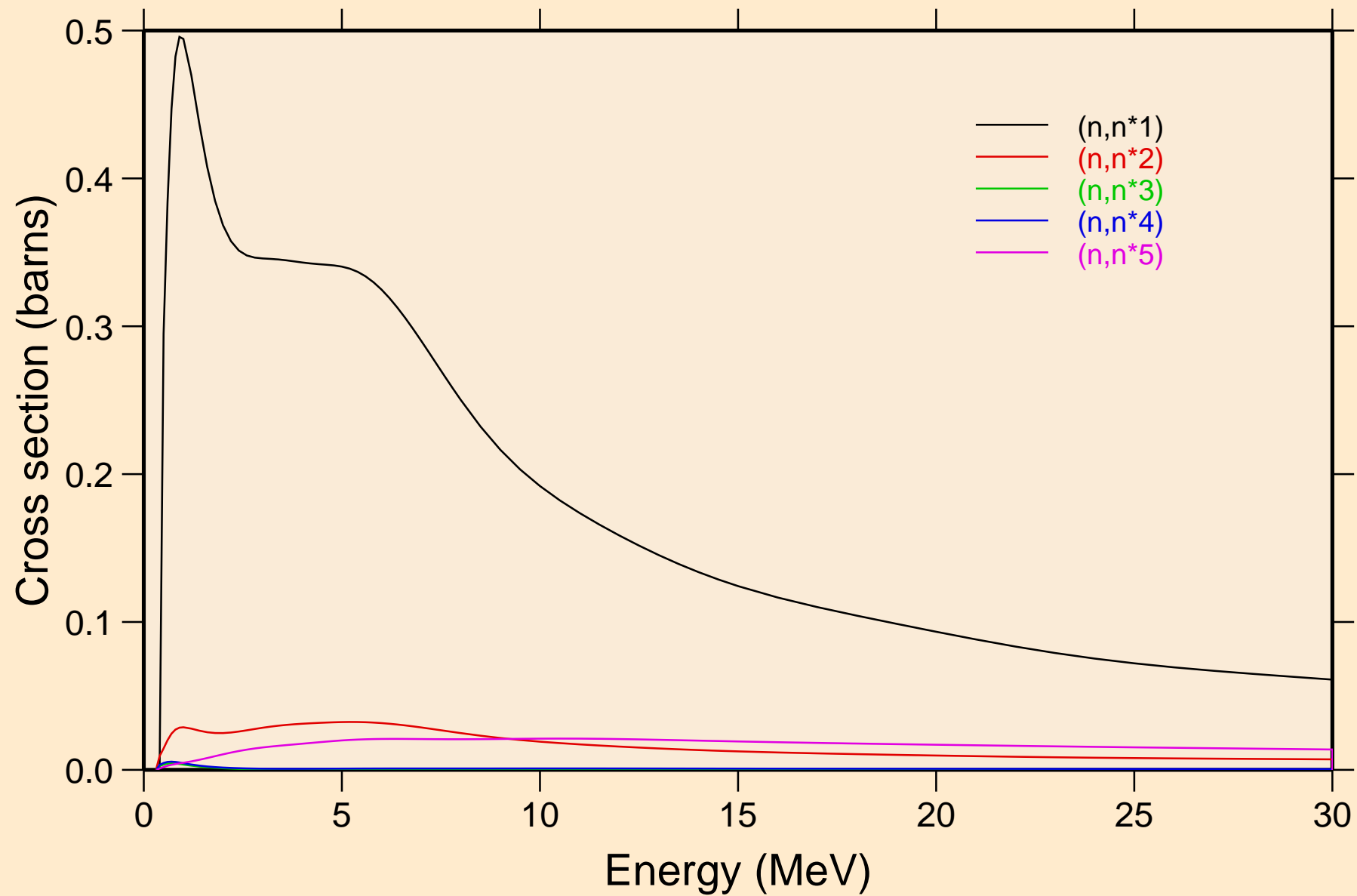
# RE172 NRG TENDL-2015, AKONING

## Non-threshold reactions



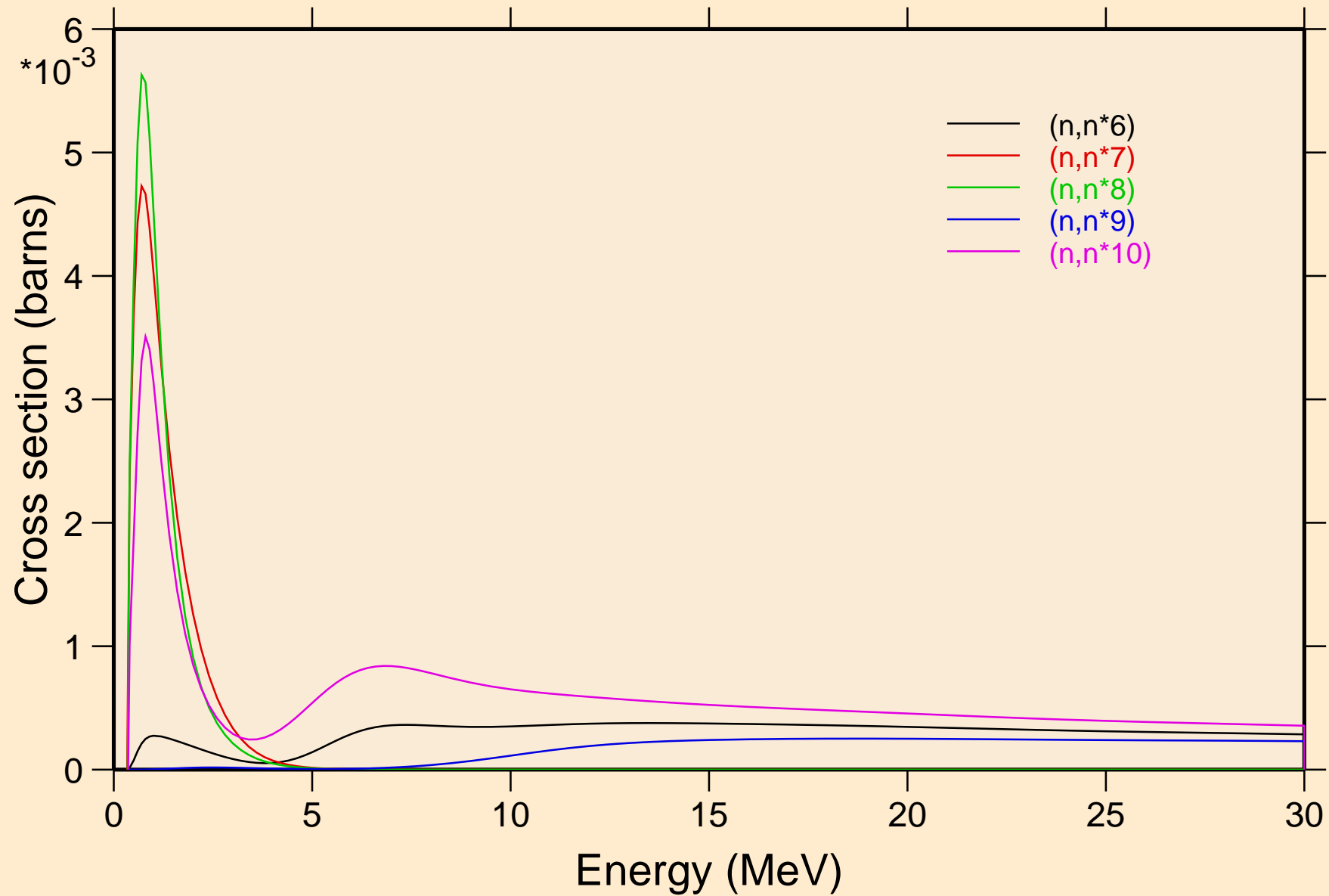
# RE172 NRG TENDL-2015, AKONING

## Inelastic levels



# RE172 NRG TENDL-2015, AKONING

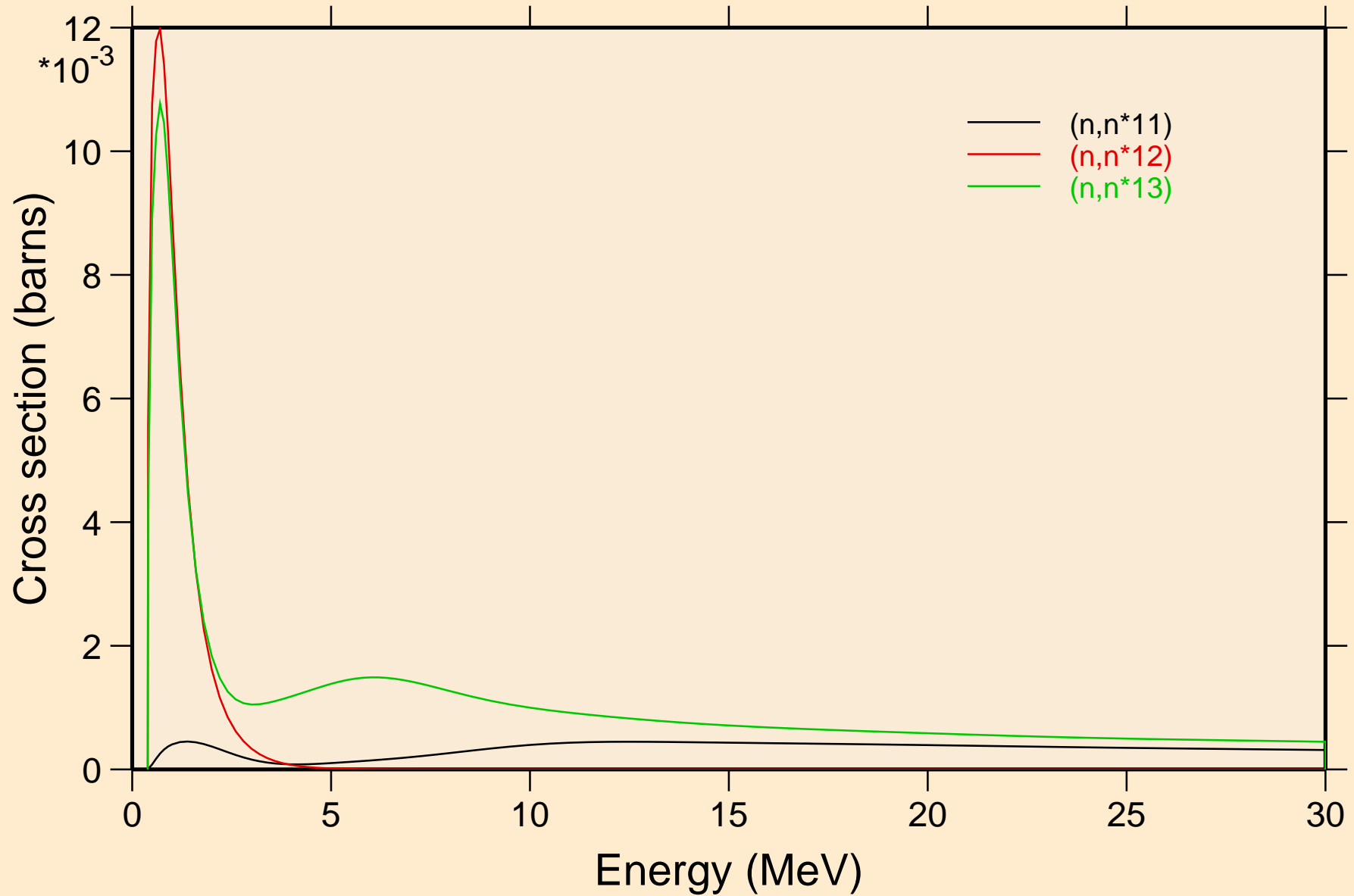
## Inelastic levels





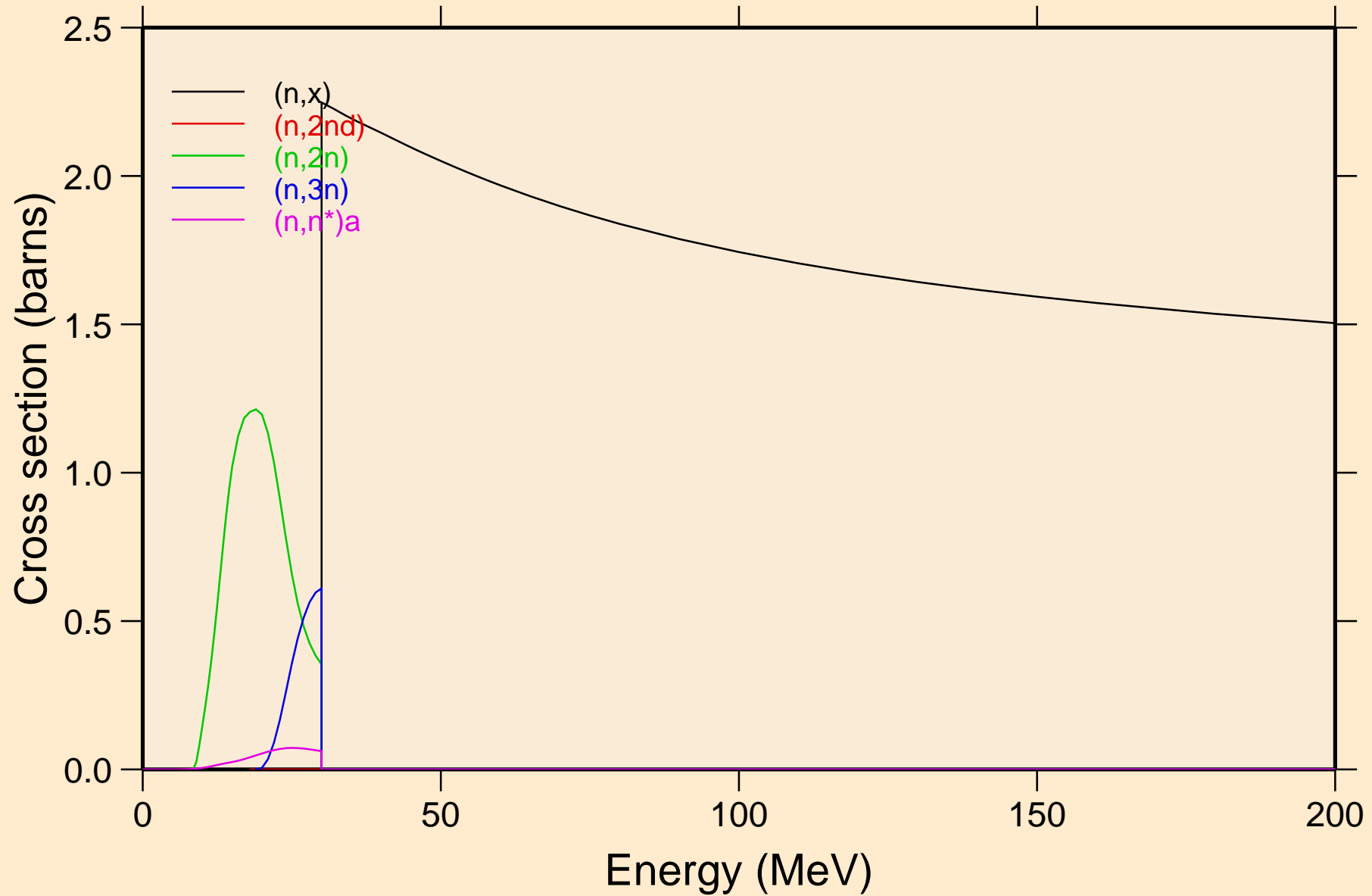
# RE172 NRG TENDL-2015, AKONING

## Inelastic levels



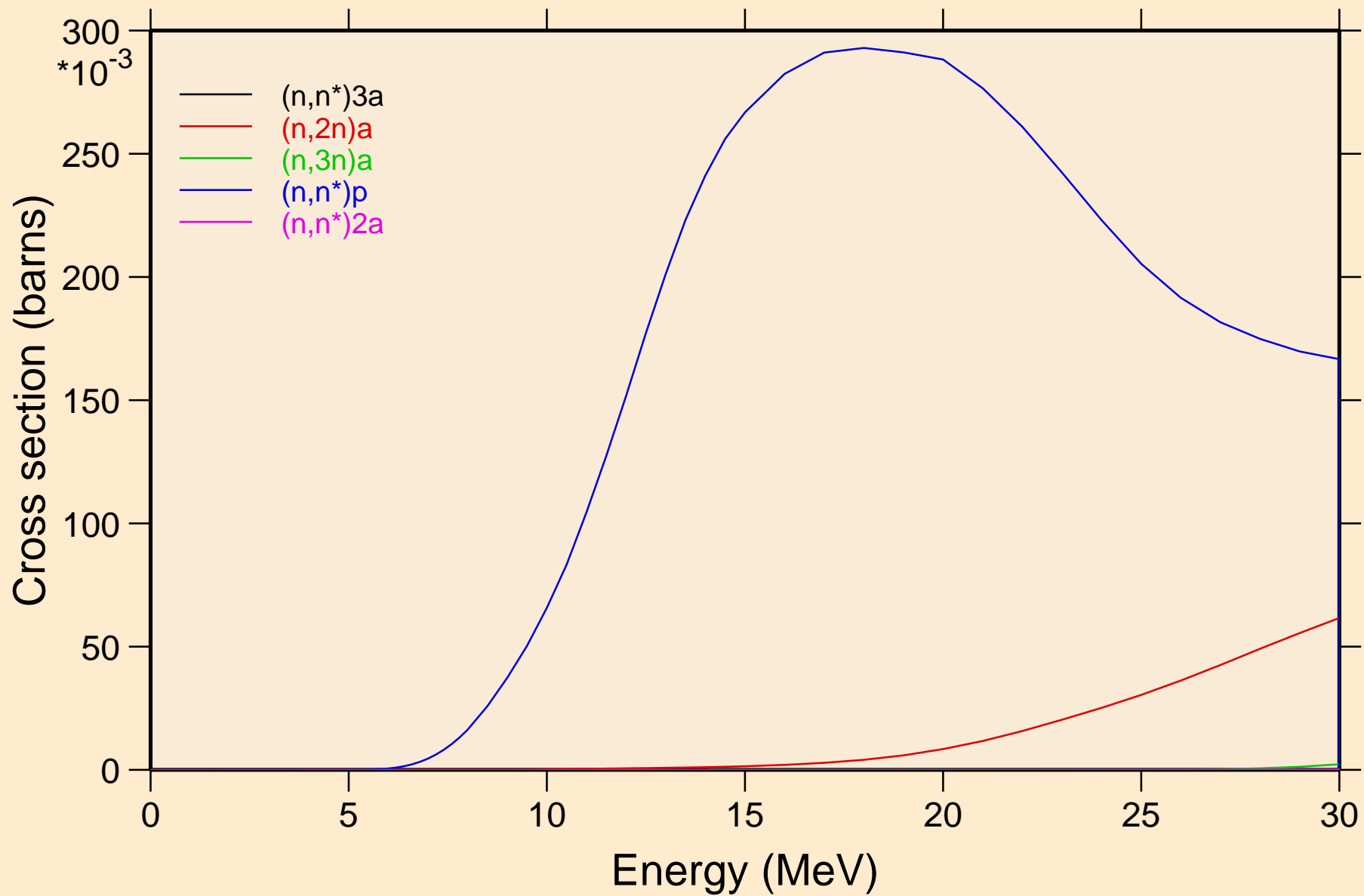
# RE172 NRG TENDL-2015, AKONING

## Threshold reactions



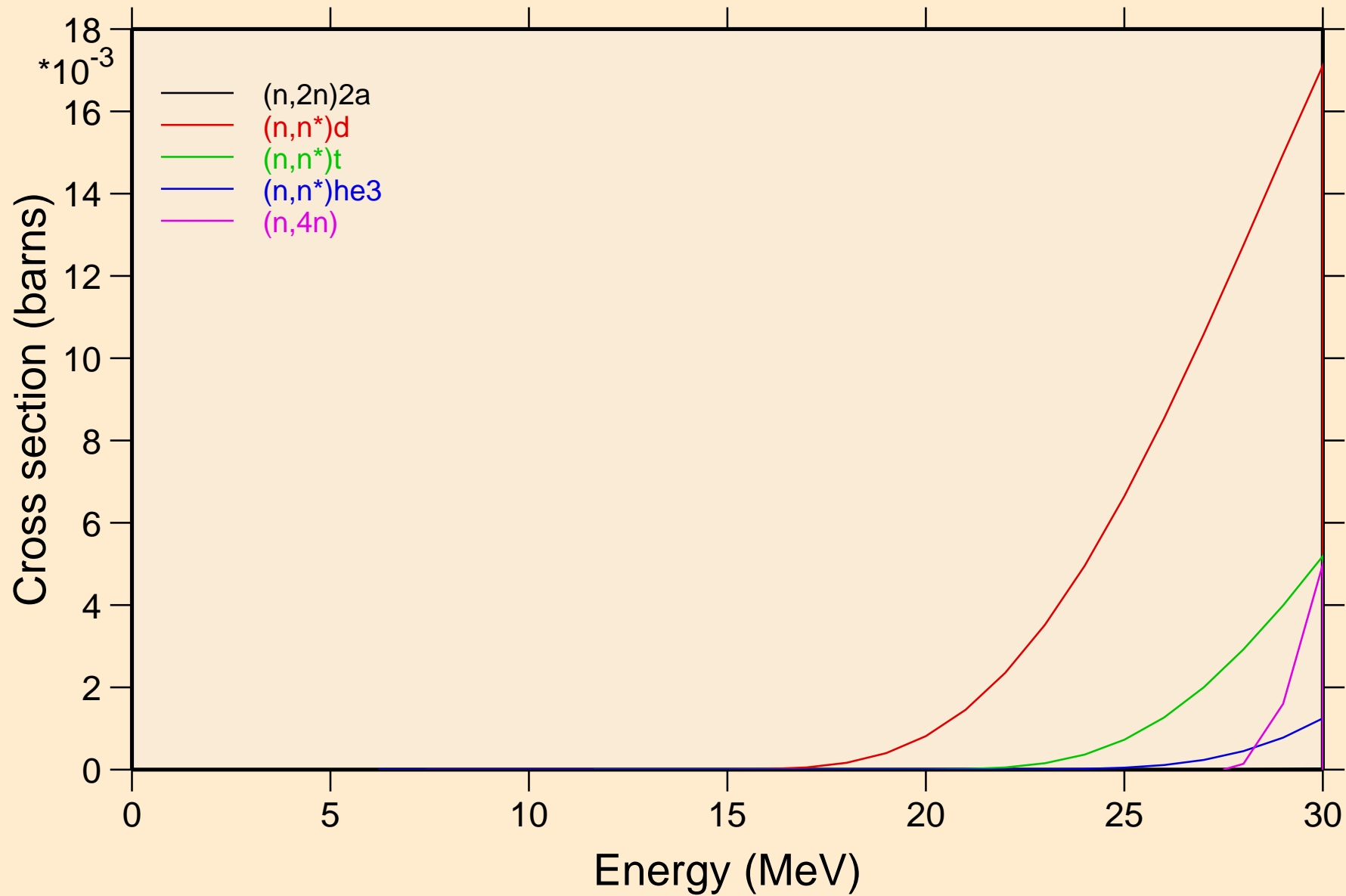
# RE172 NRG TENDL-2015, AKONING

## Threshold reactions



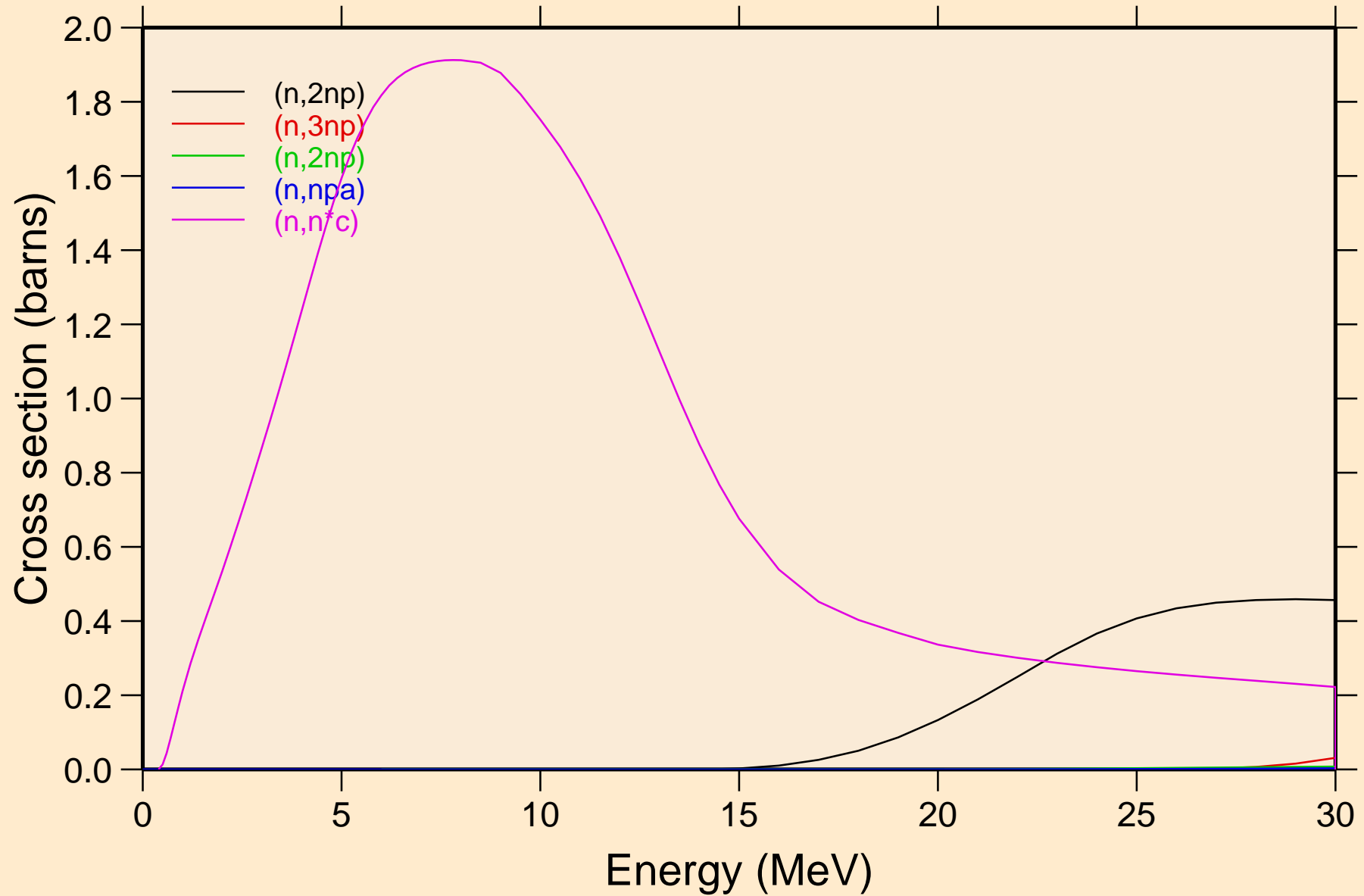
# RE172 NRG TENDL-2015, AKONING

## Threshold reactions



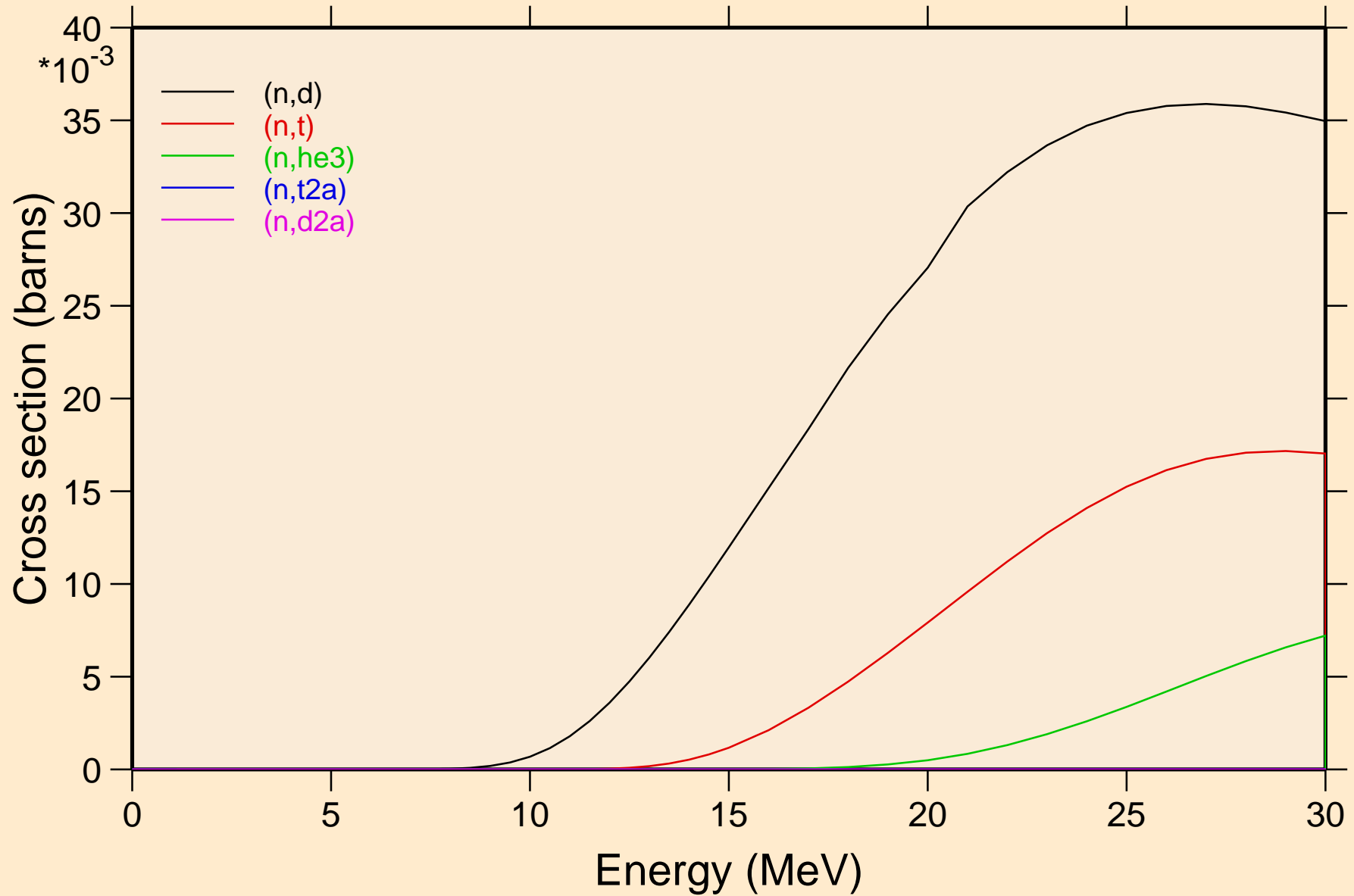
# RE172 NRG TENDL-2015, AKONING

## Threshold reactions



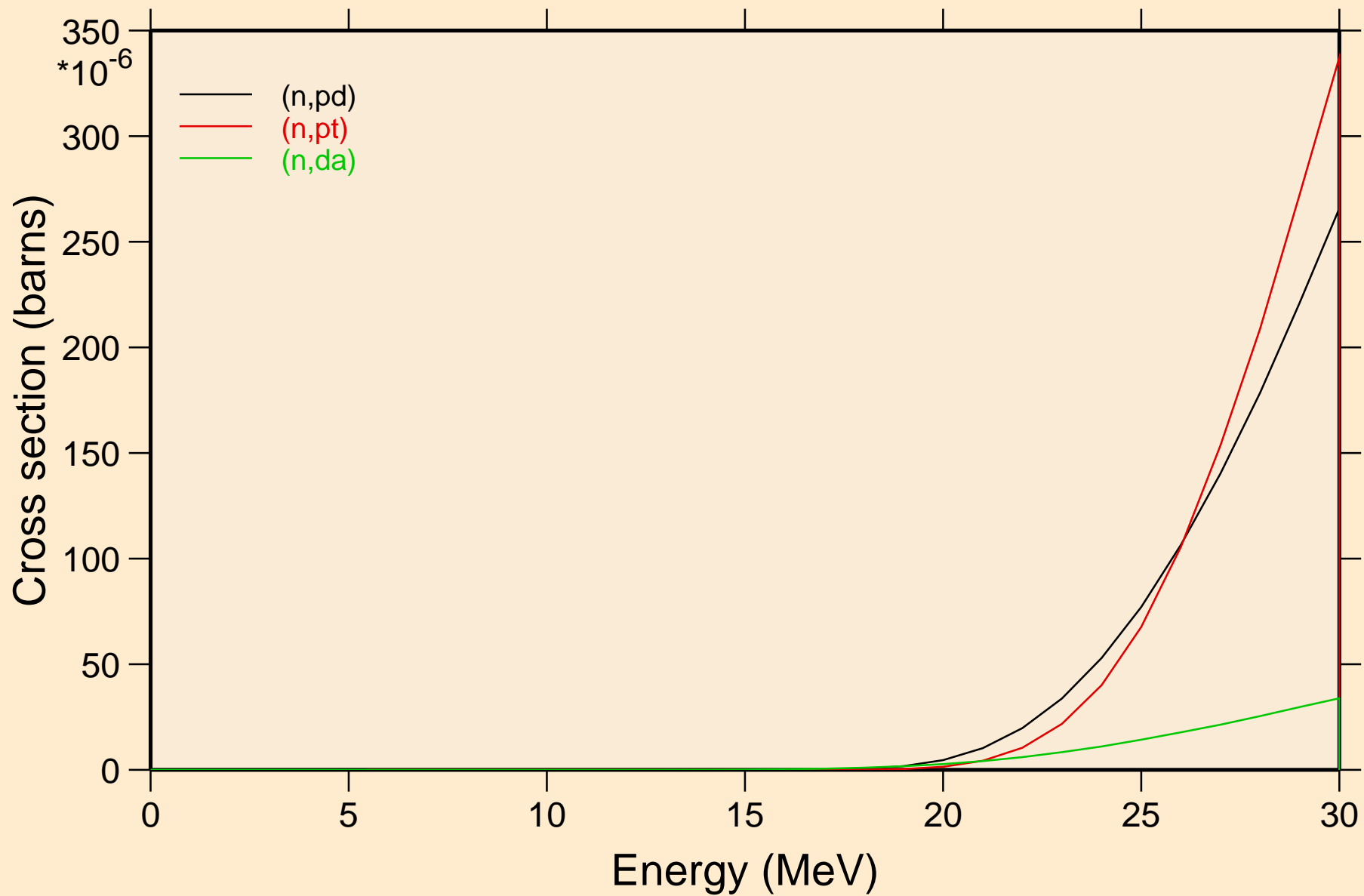
# RE172 NRG TENDL-2015, AKONING

## Threshold reactions

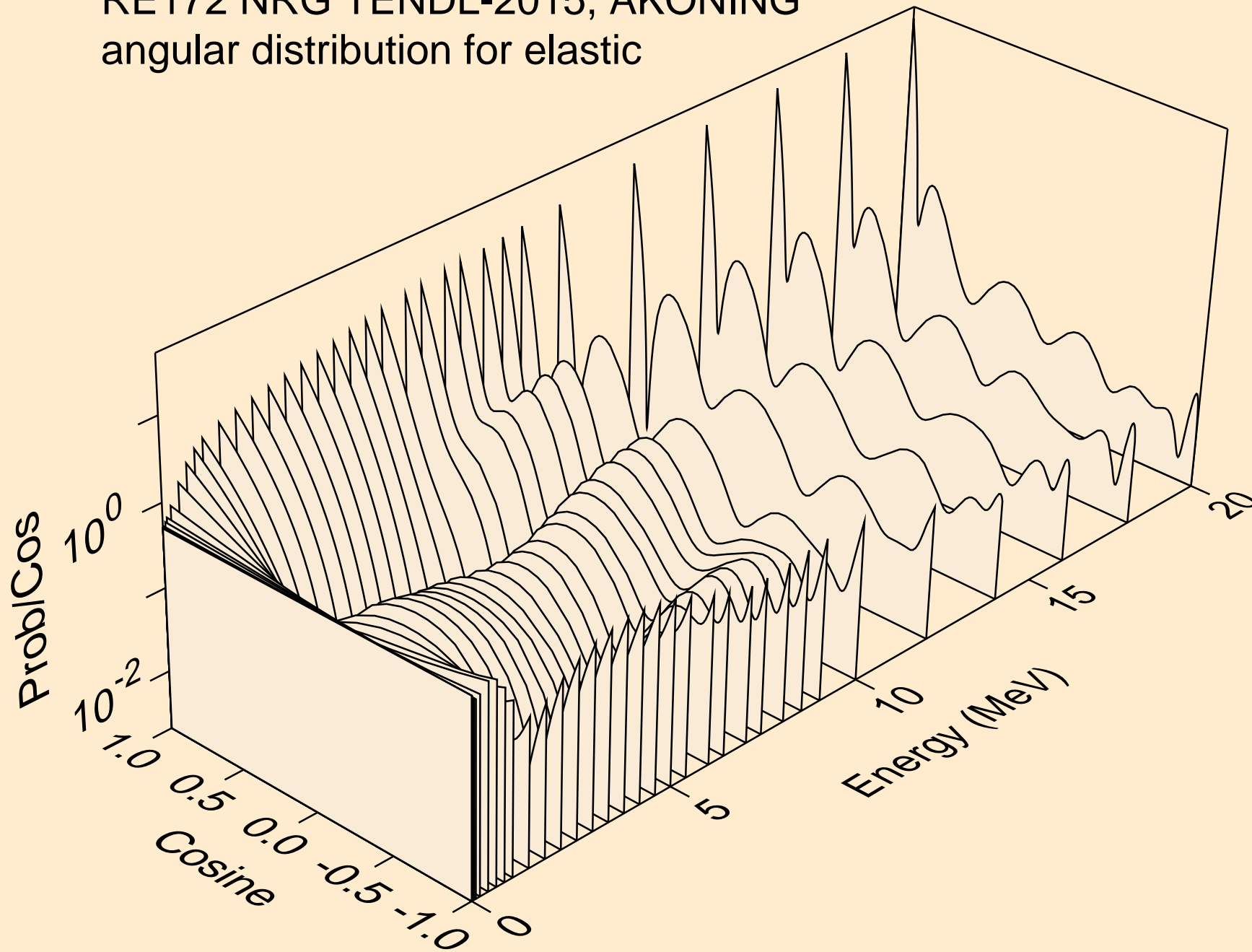


# RE172 NRG TENDL-2015, AKONING

## Threshold reactions

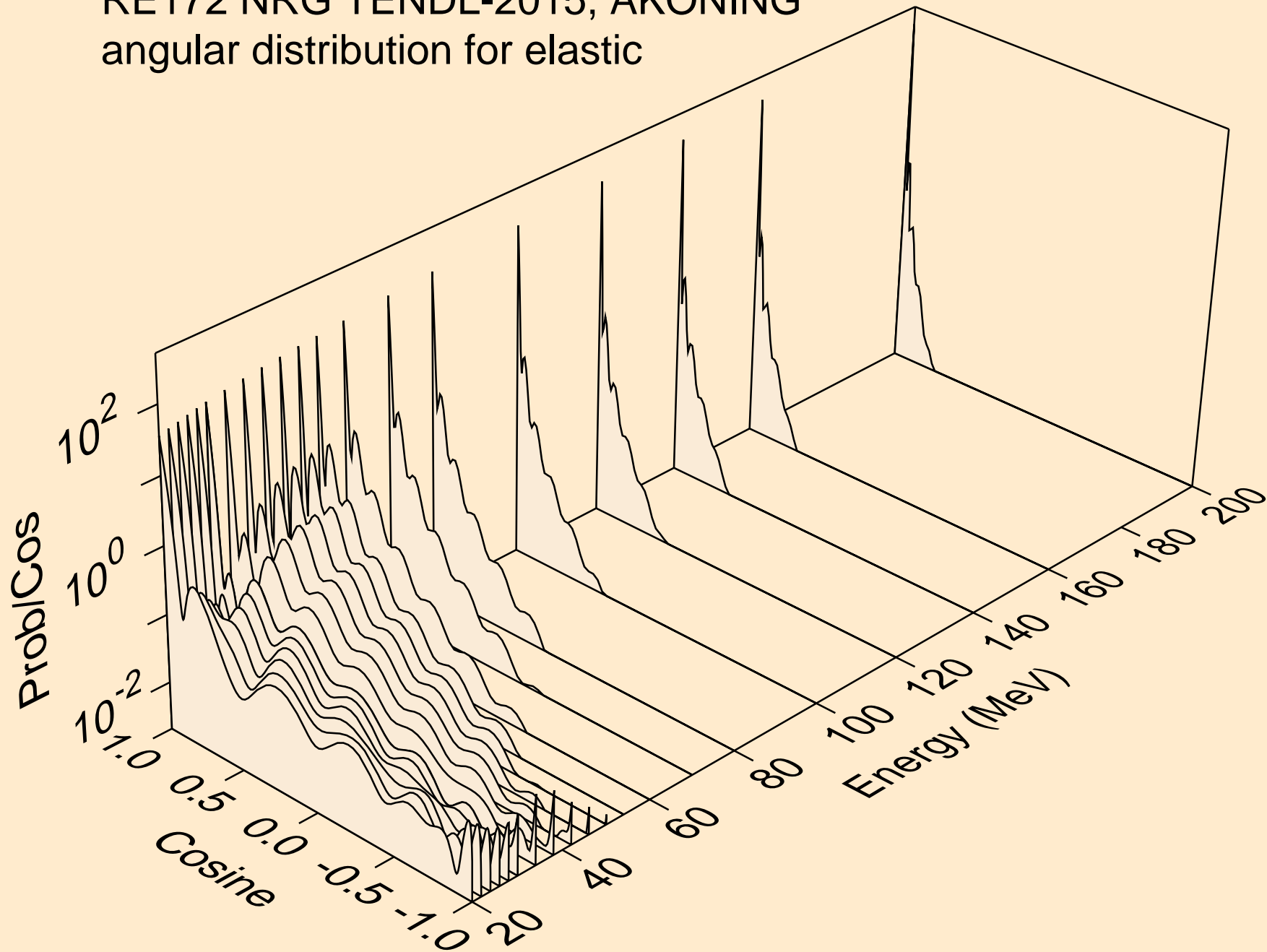


RE172 NRG TENDL-2015, AKONING  
angular distribution for elastic

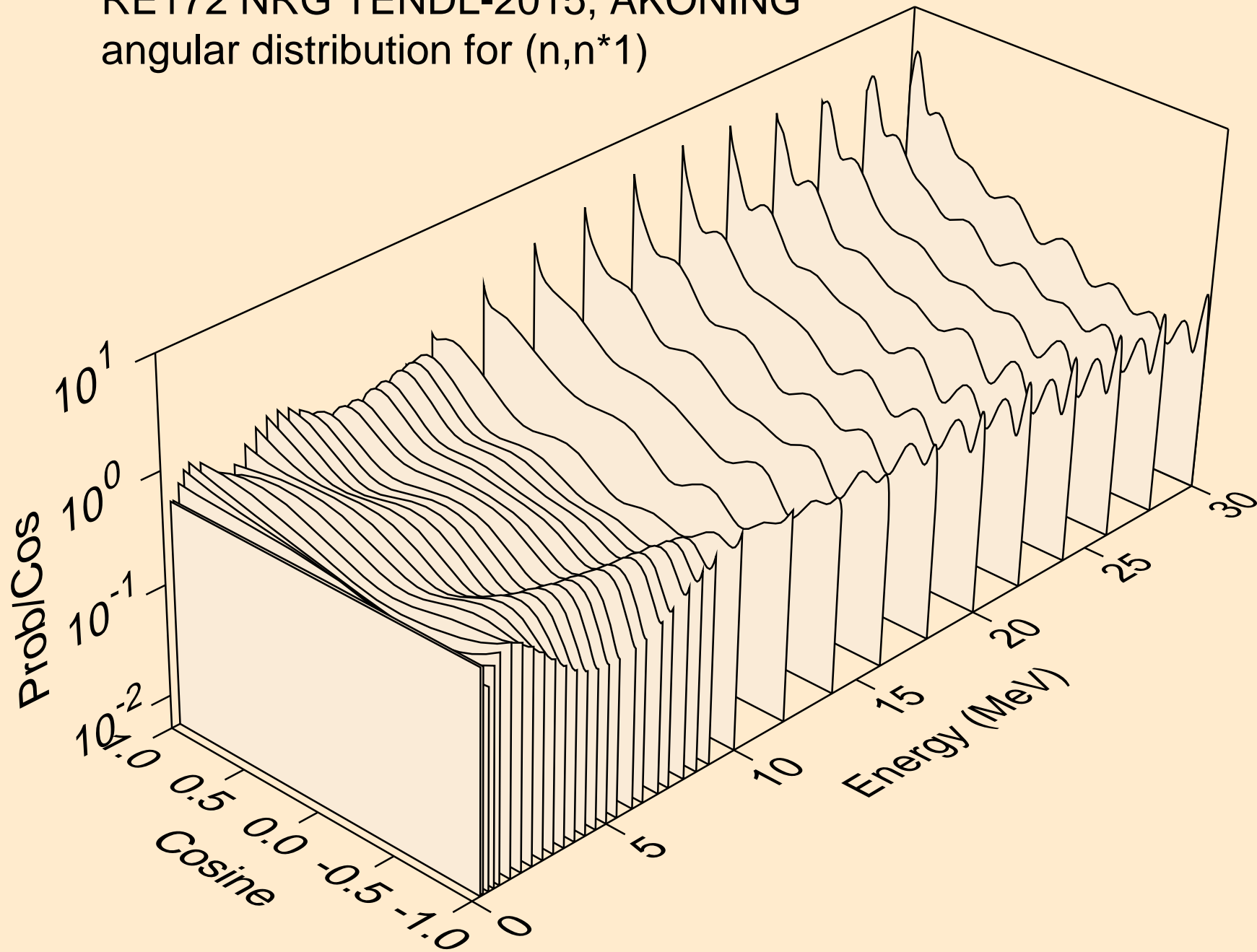




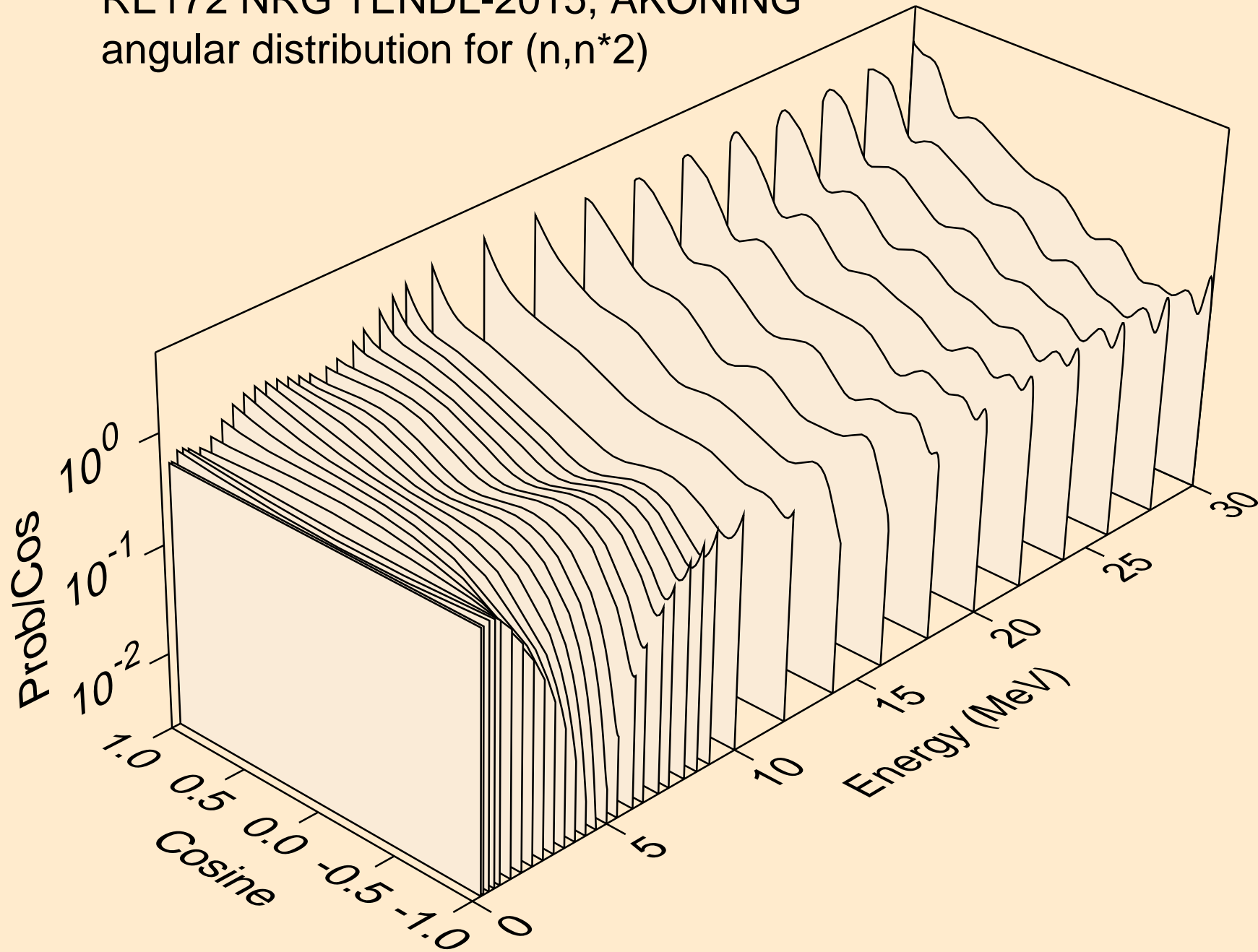
RE172 NRG TENDL-2015, AKONING  
angular distribution for elastic



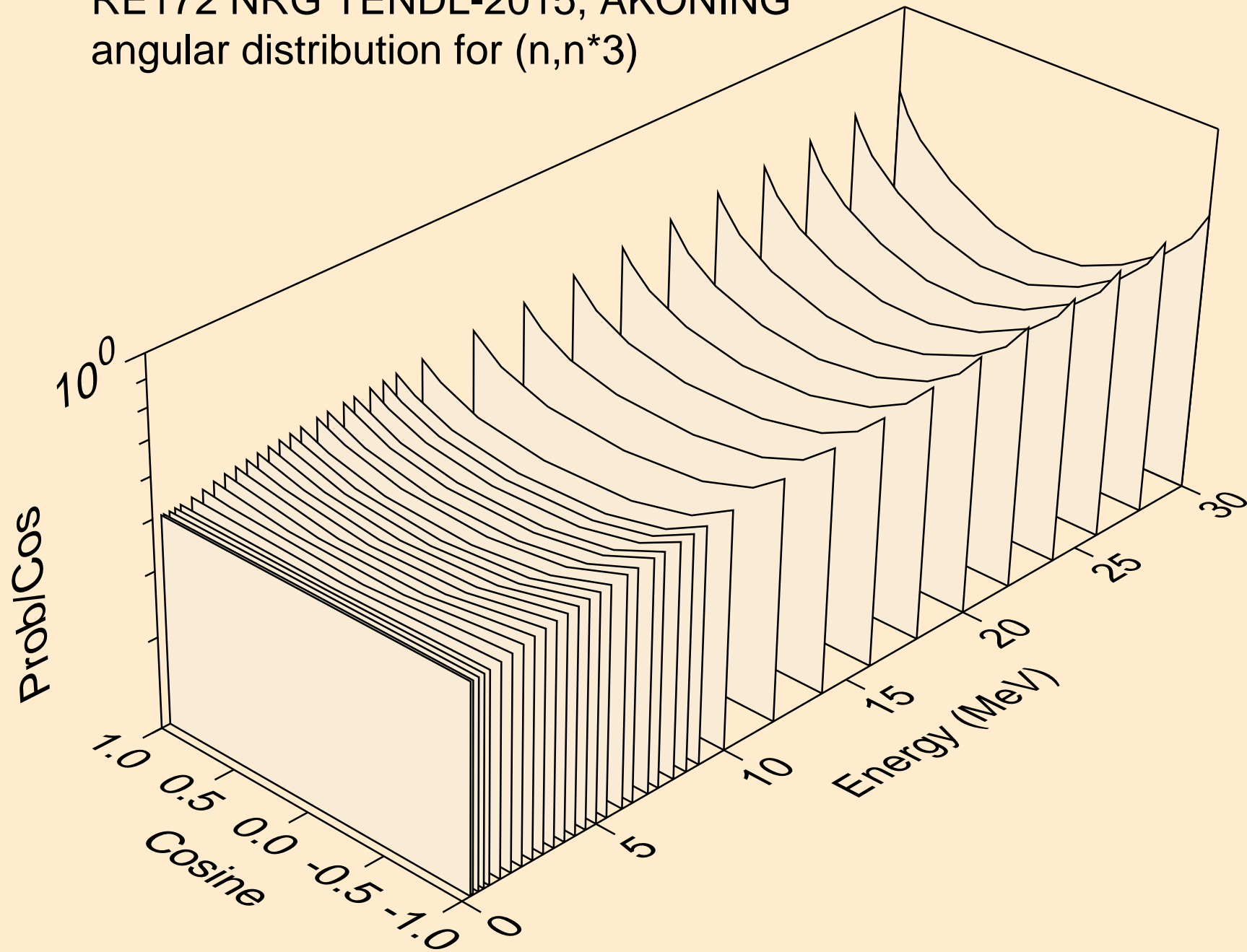
RE172 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



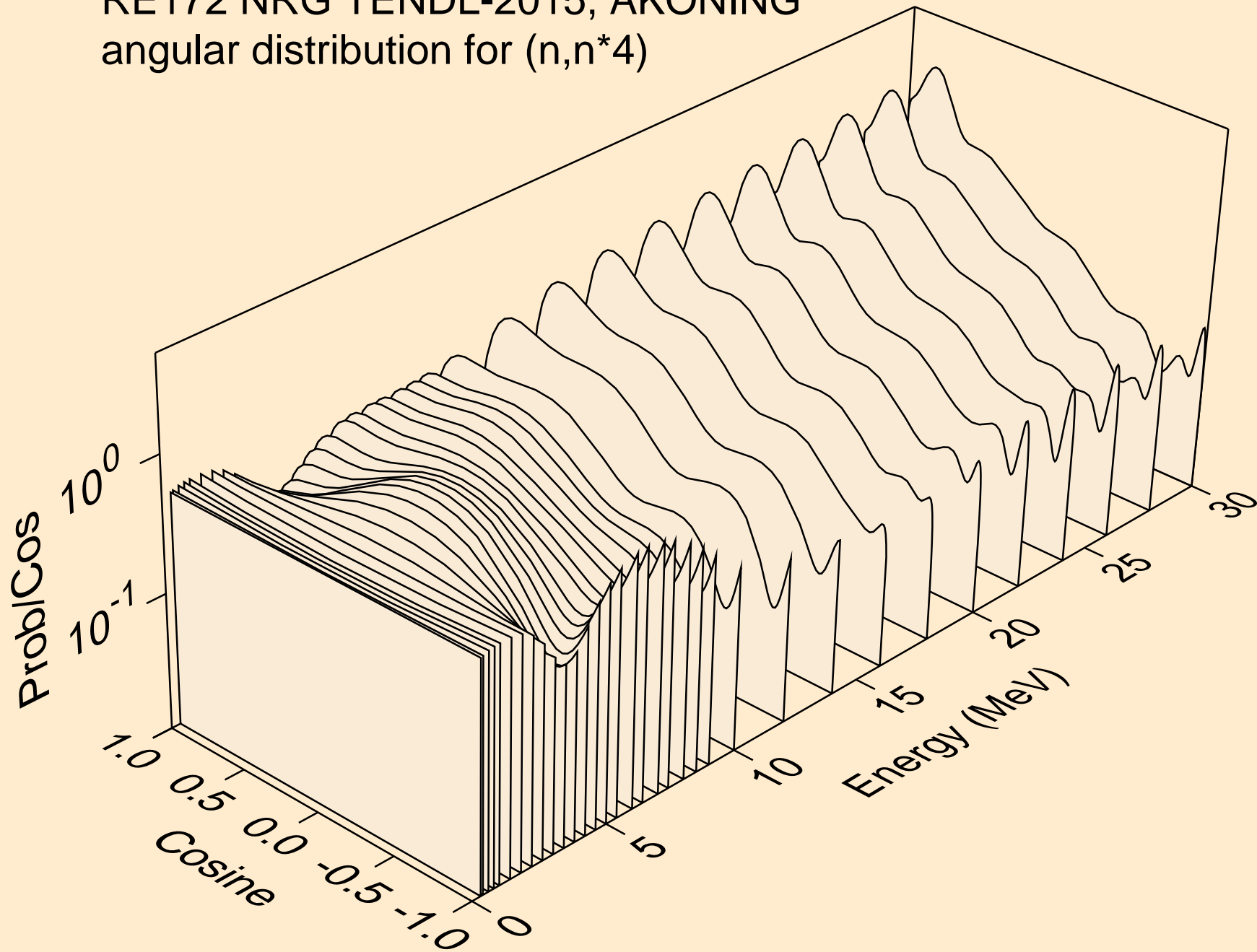
RE172 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



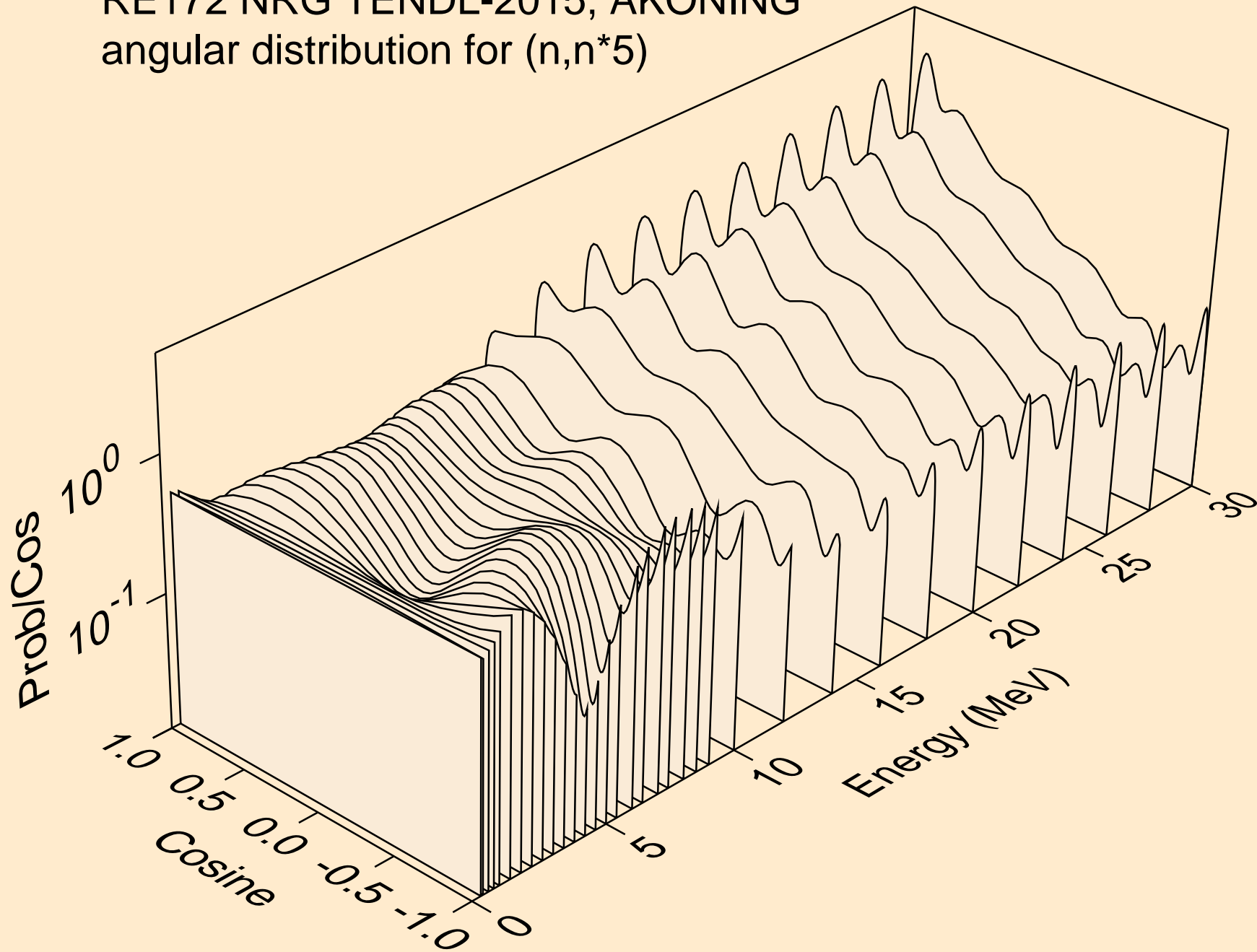
RE172 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



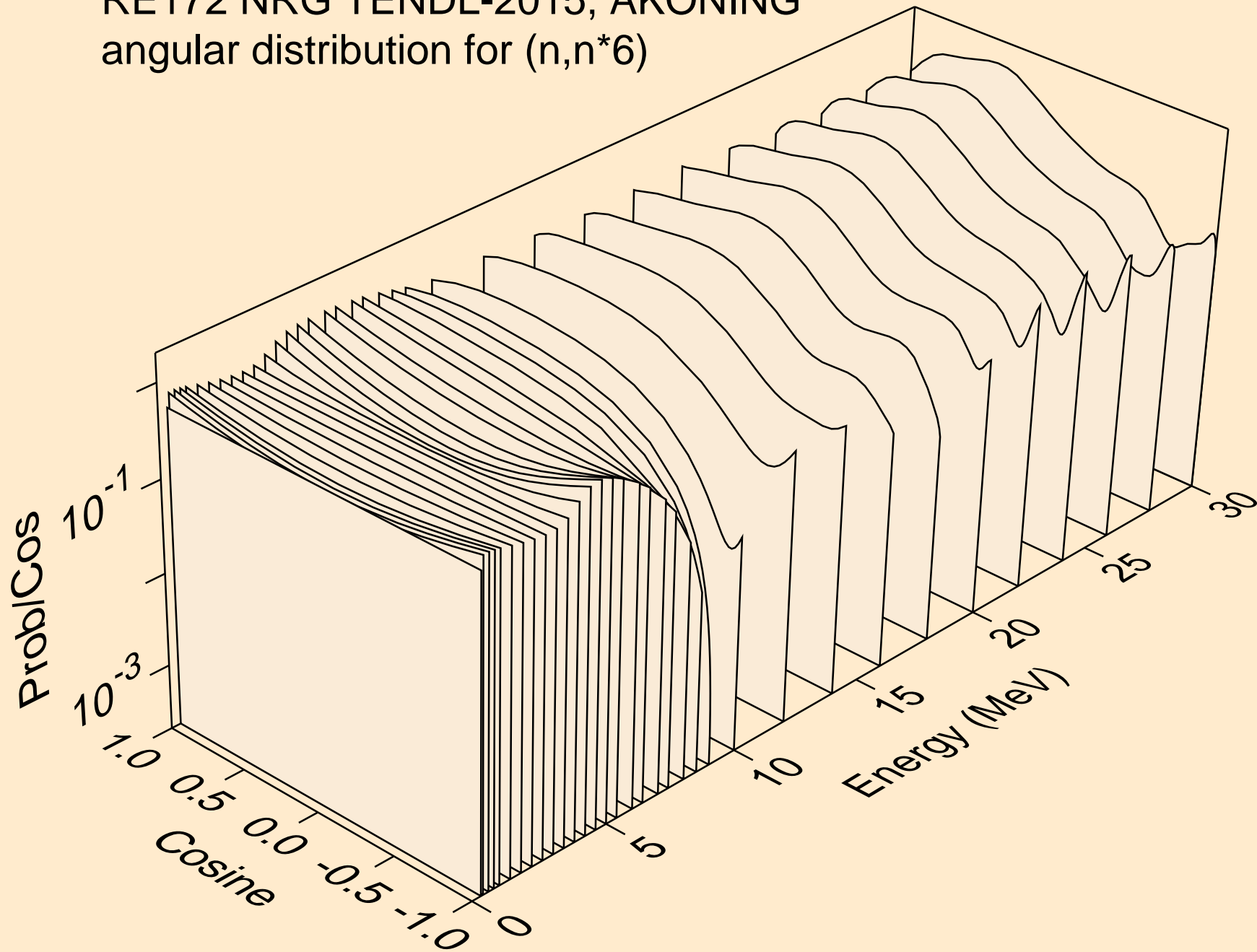
RE172 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



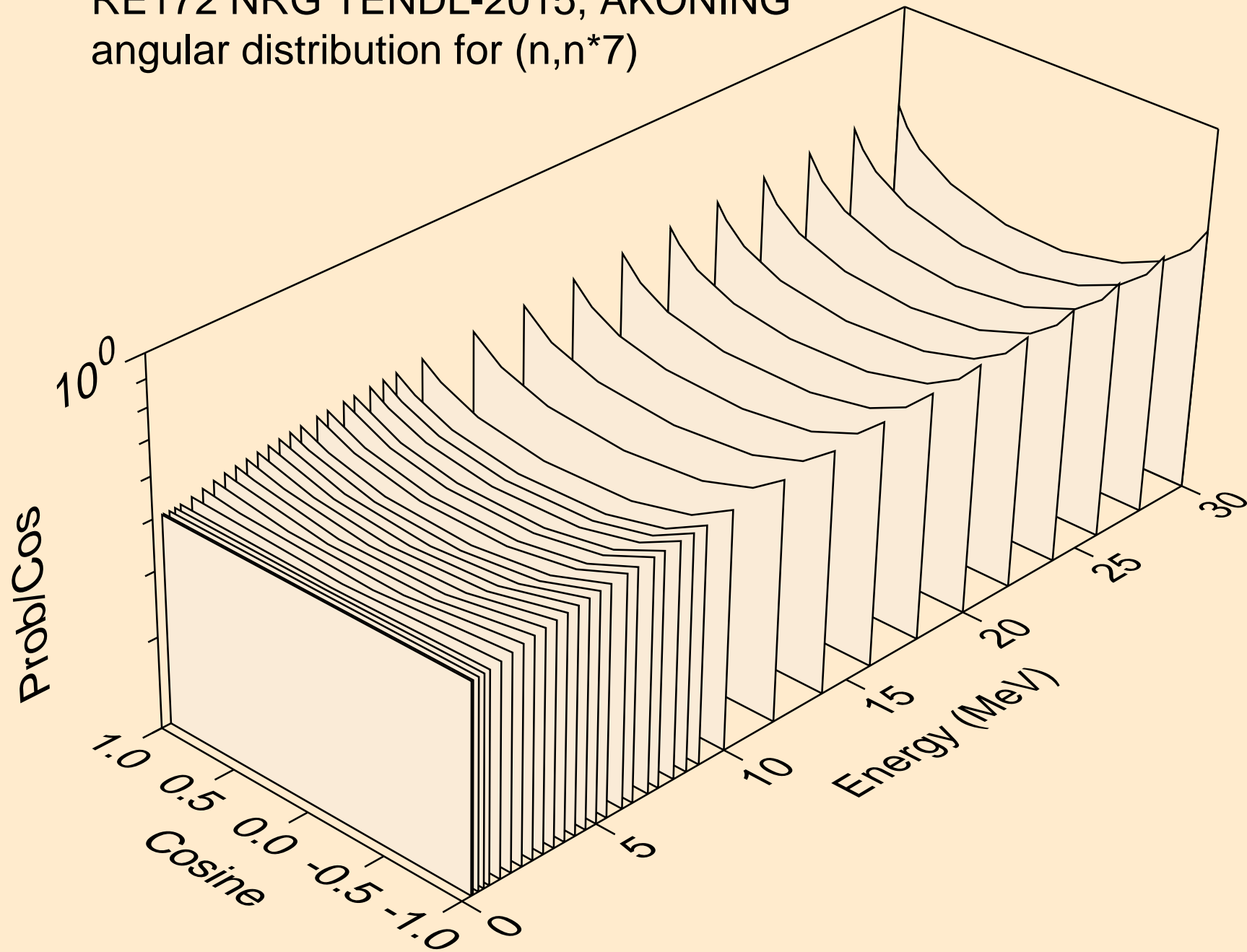
RE172 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



RE172 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

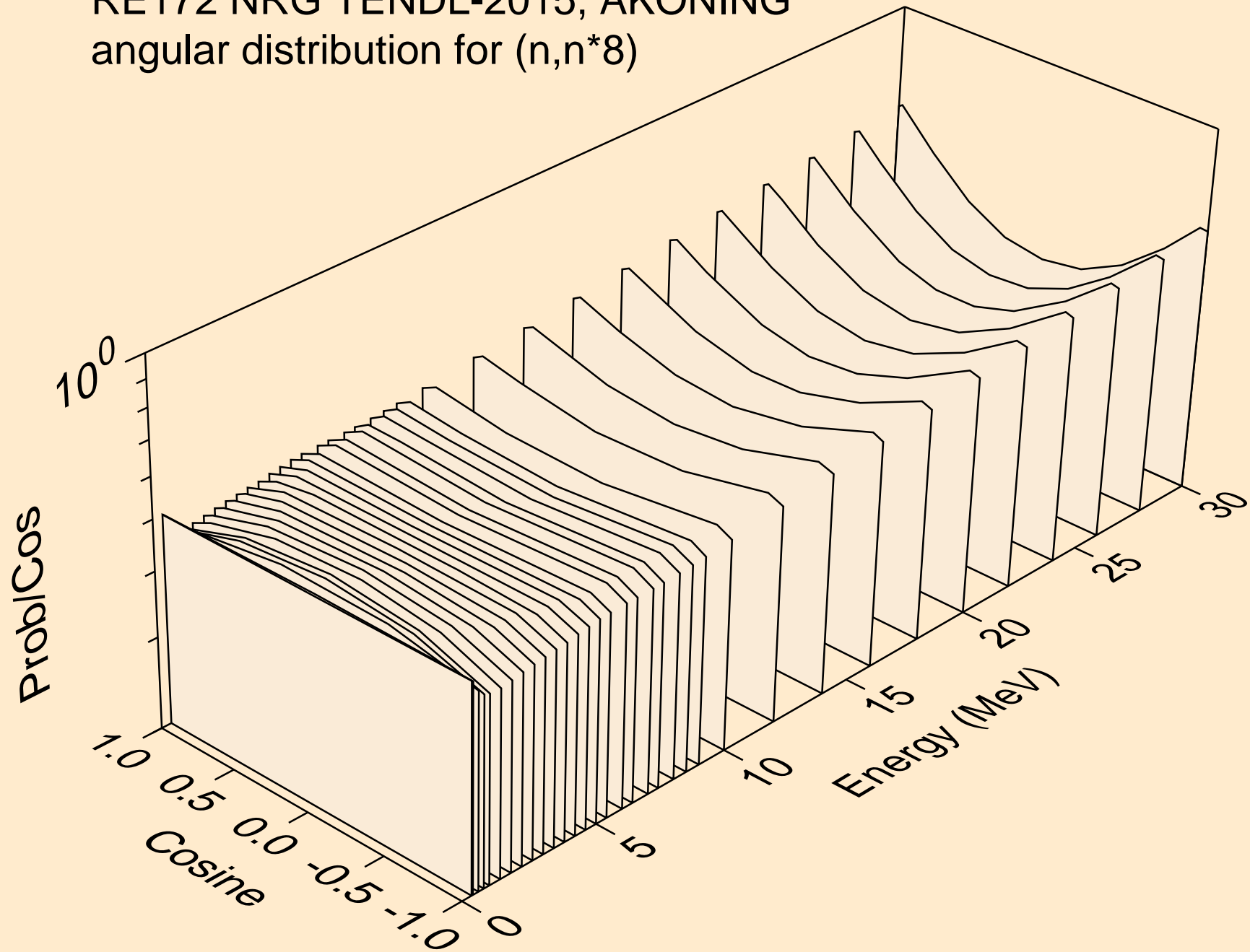


RE172 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

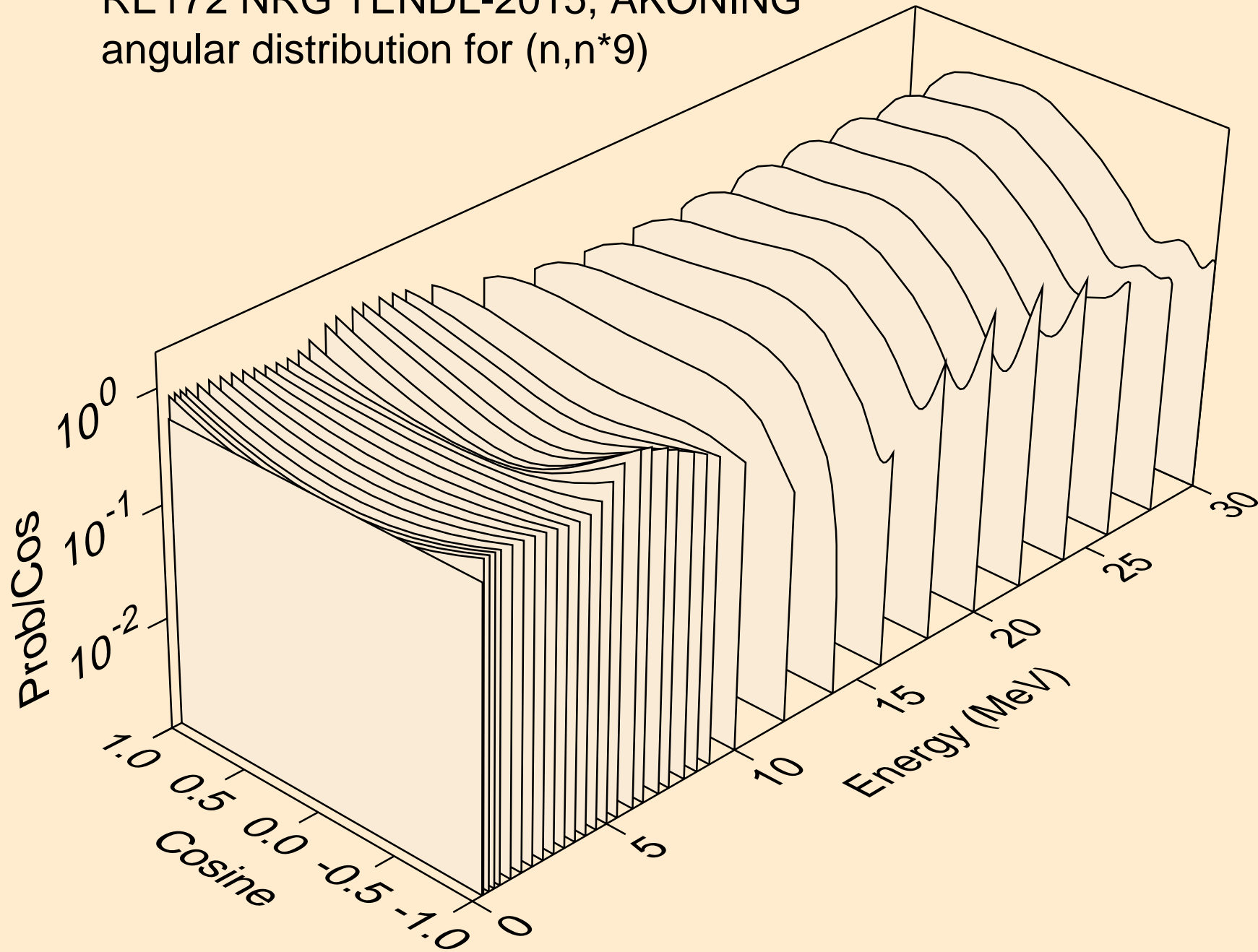




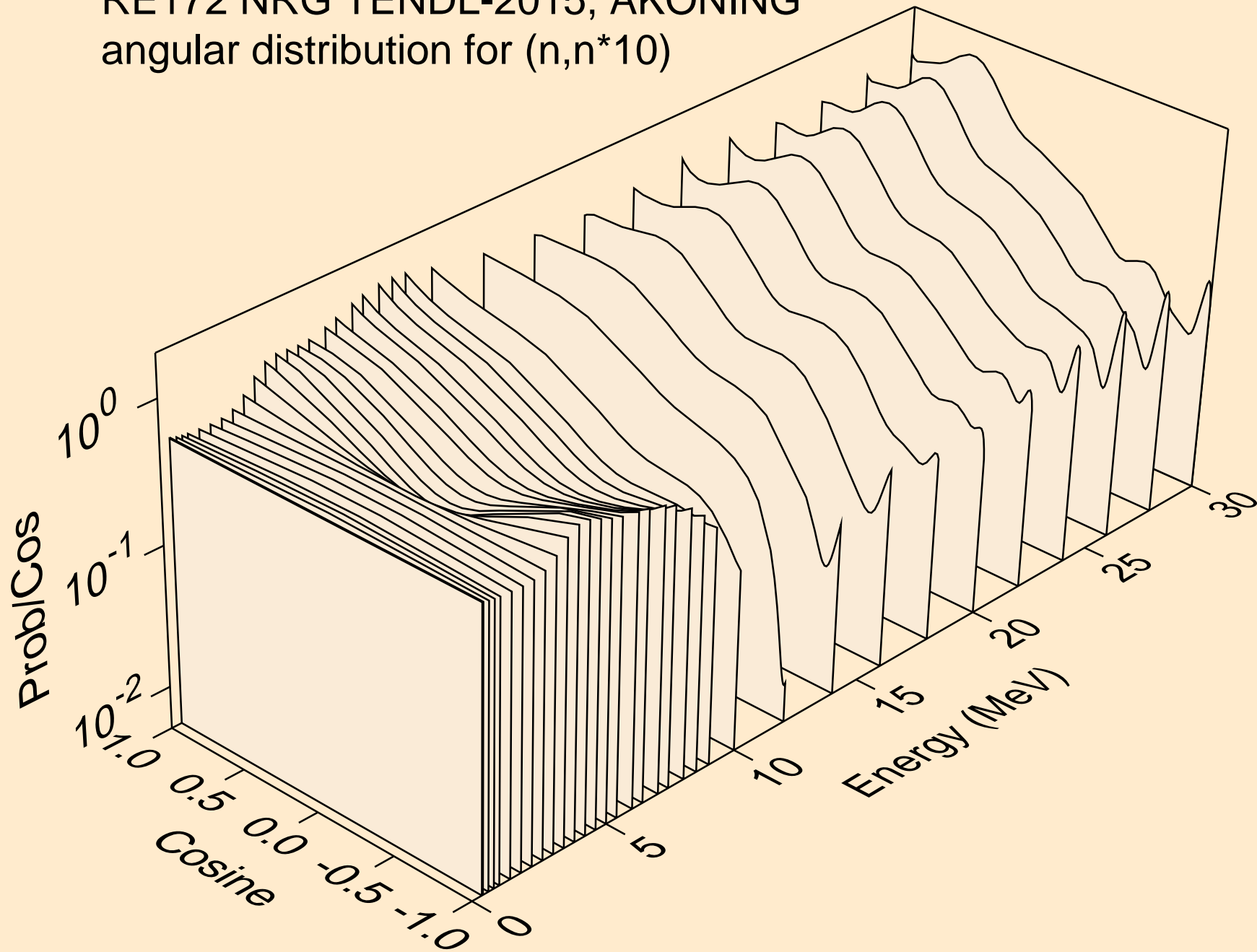
RE172 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



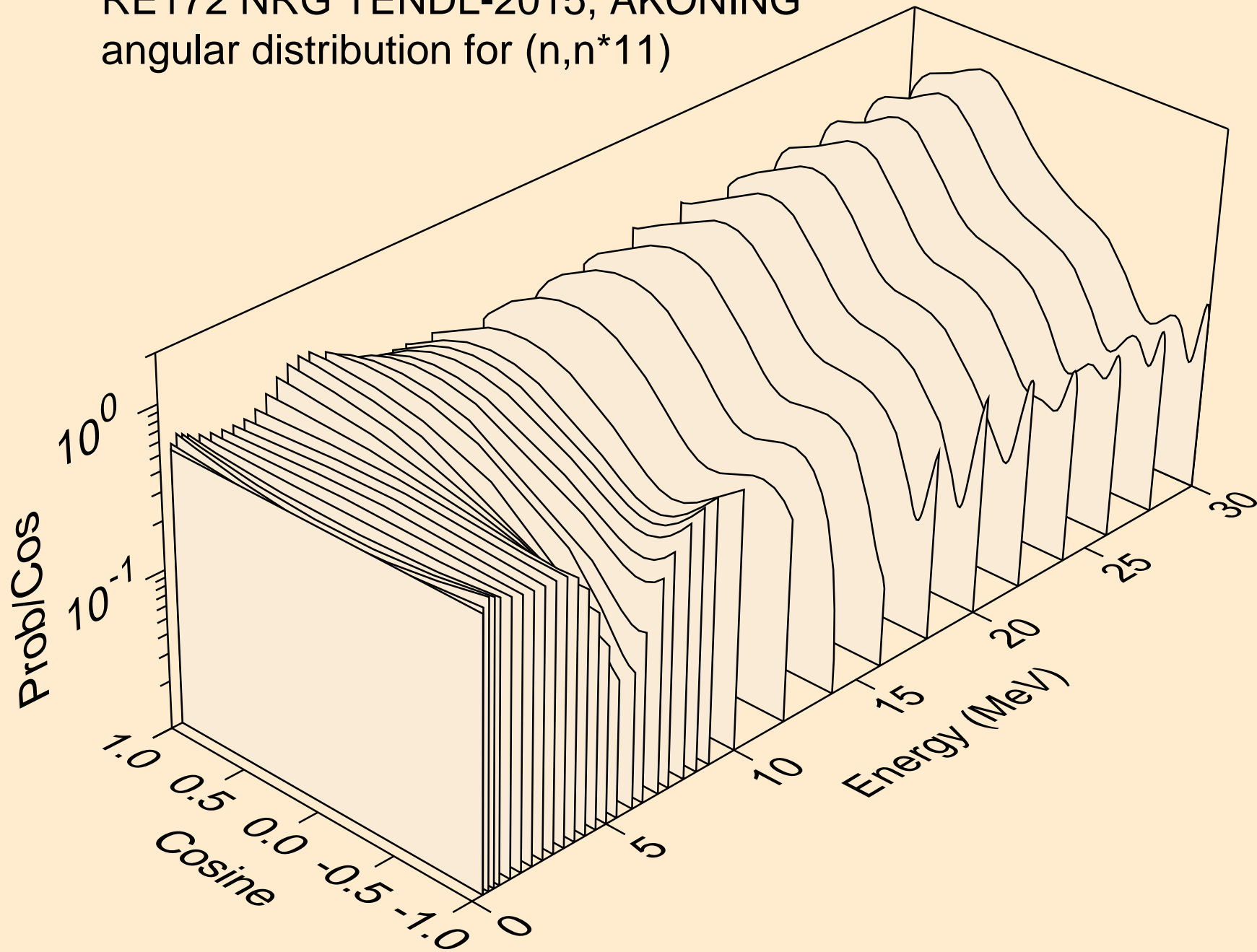
RE172 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



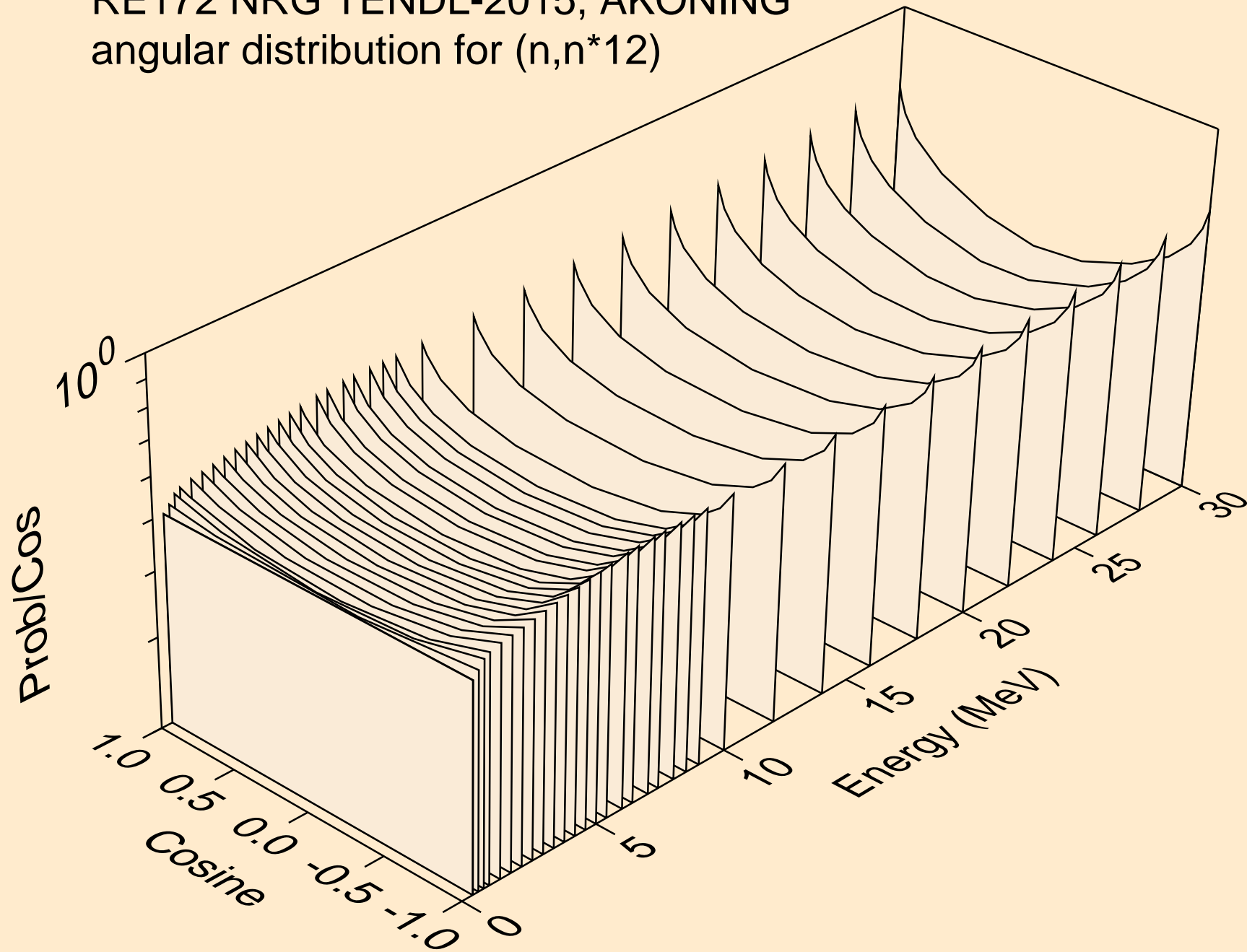
RE172 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



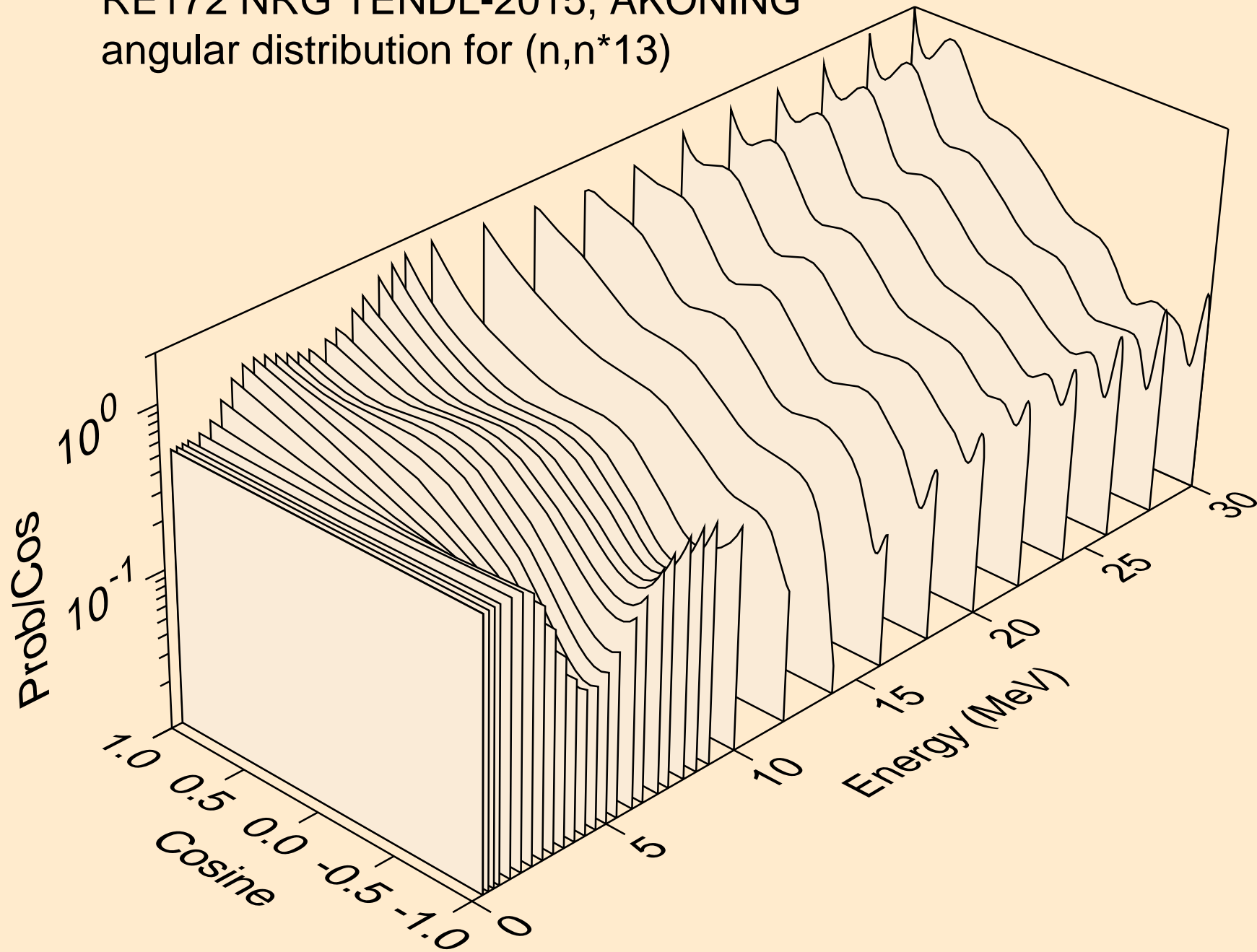
RE172 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



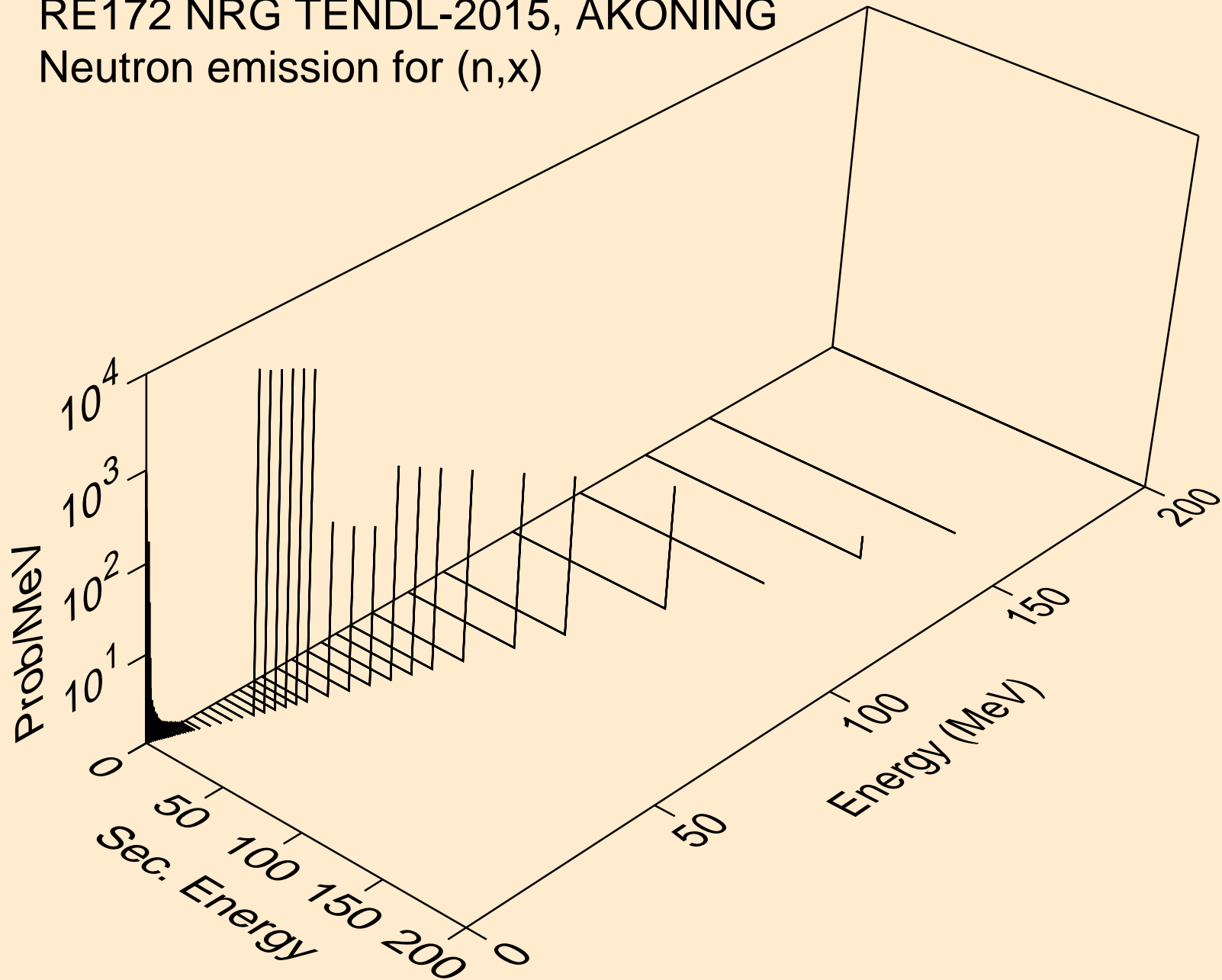
RE172 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



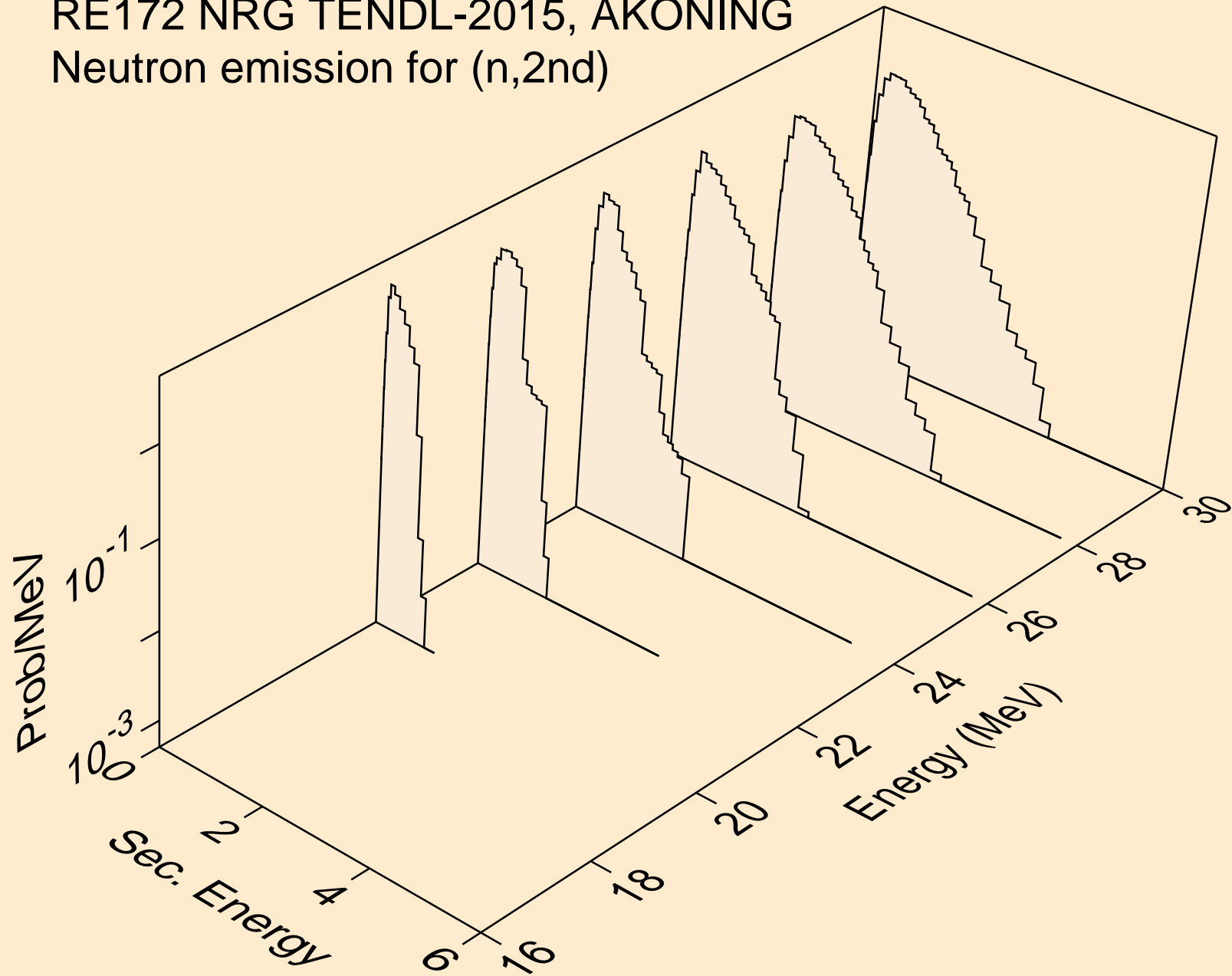
RE172 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



RE172 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

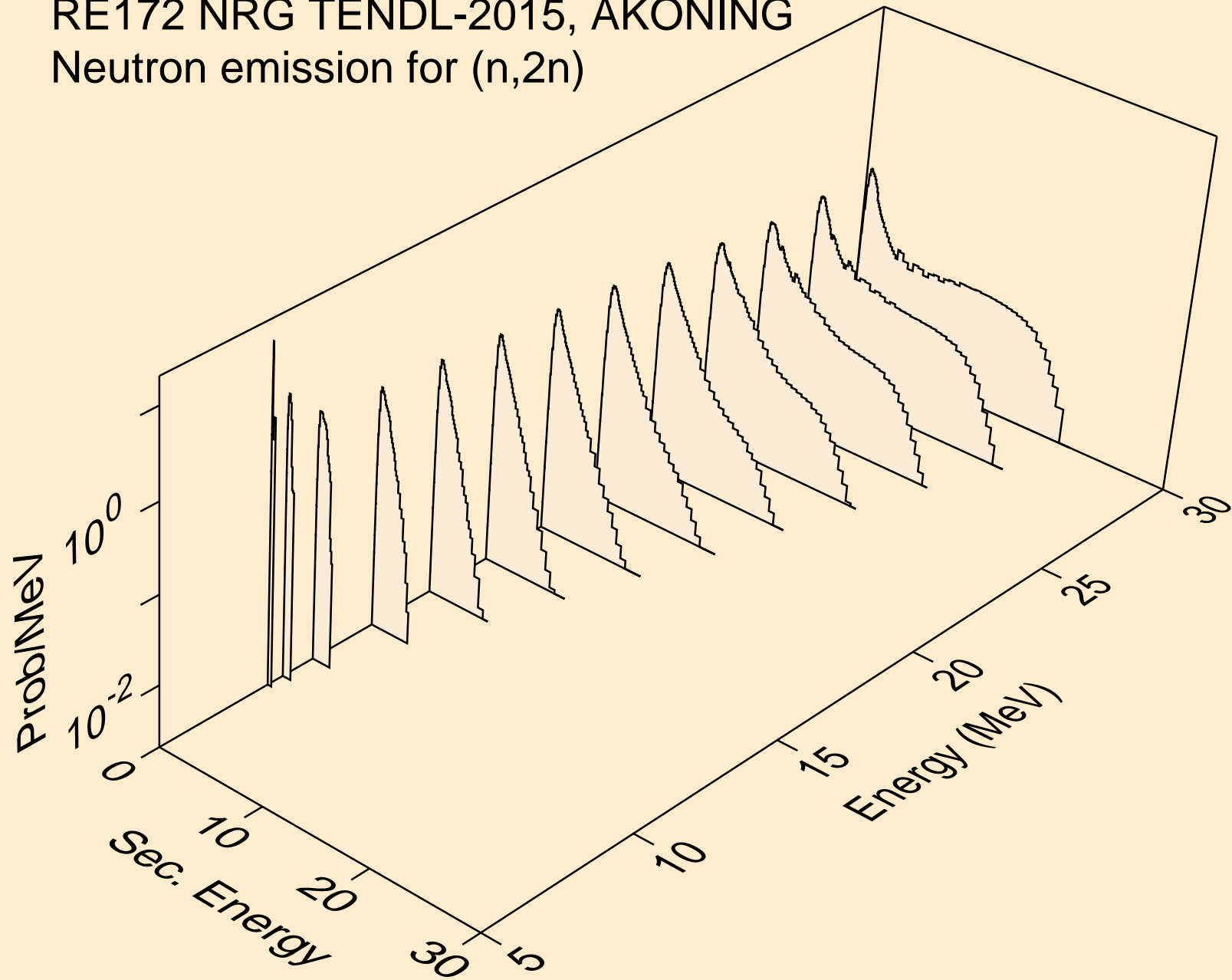


RE172 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

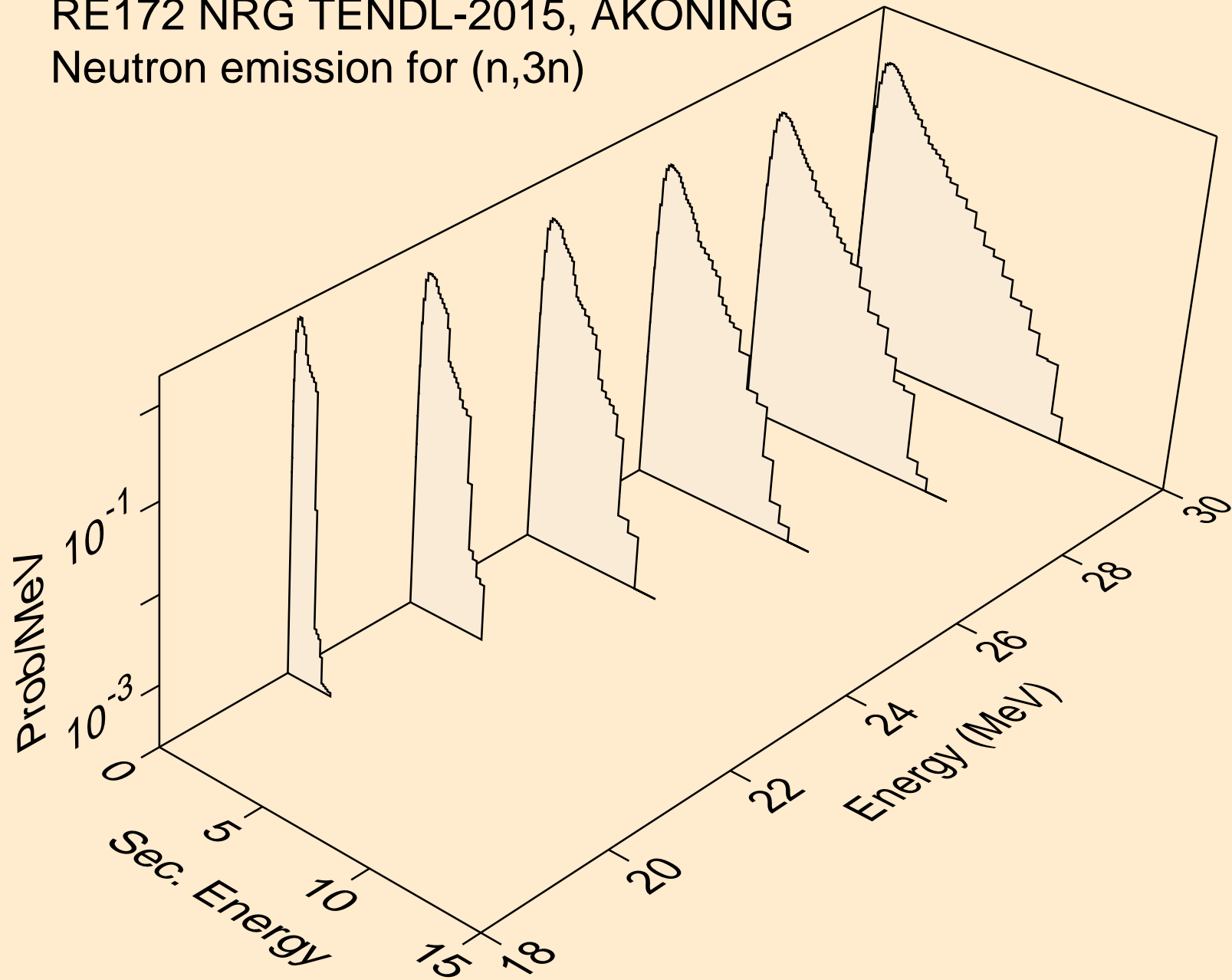




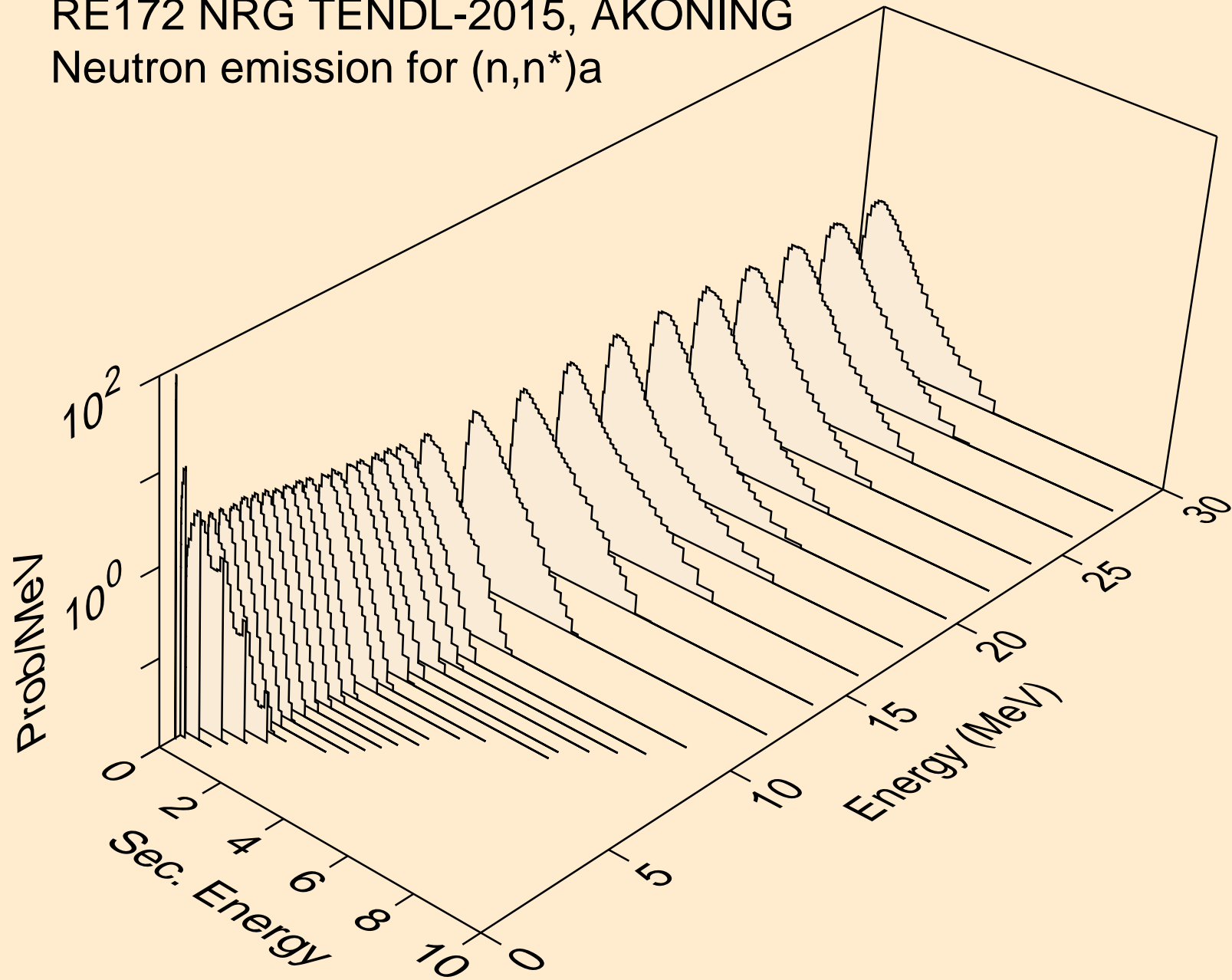
RE172 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



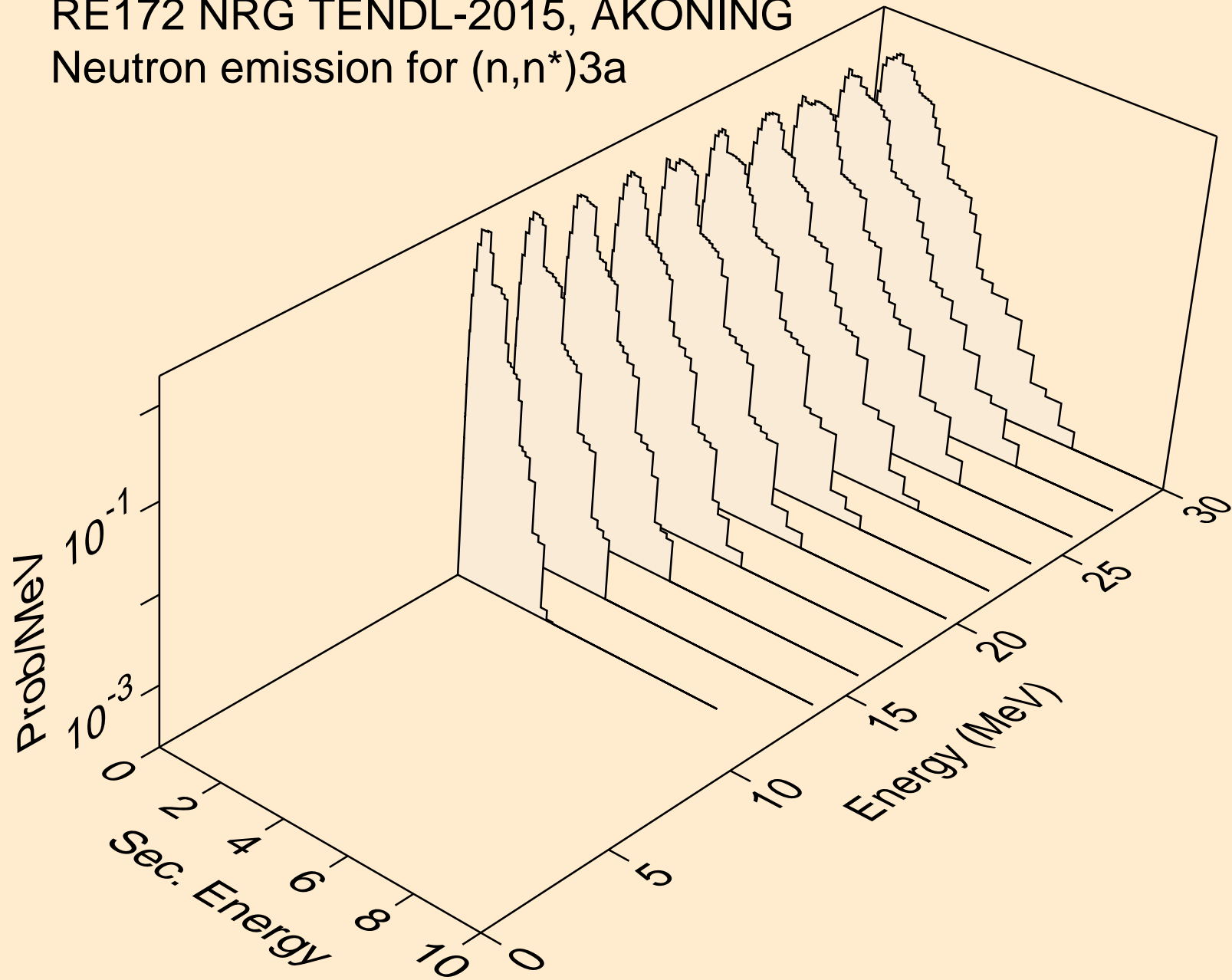
RE172 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



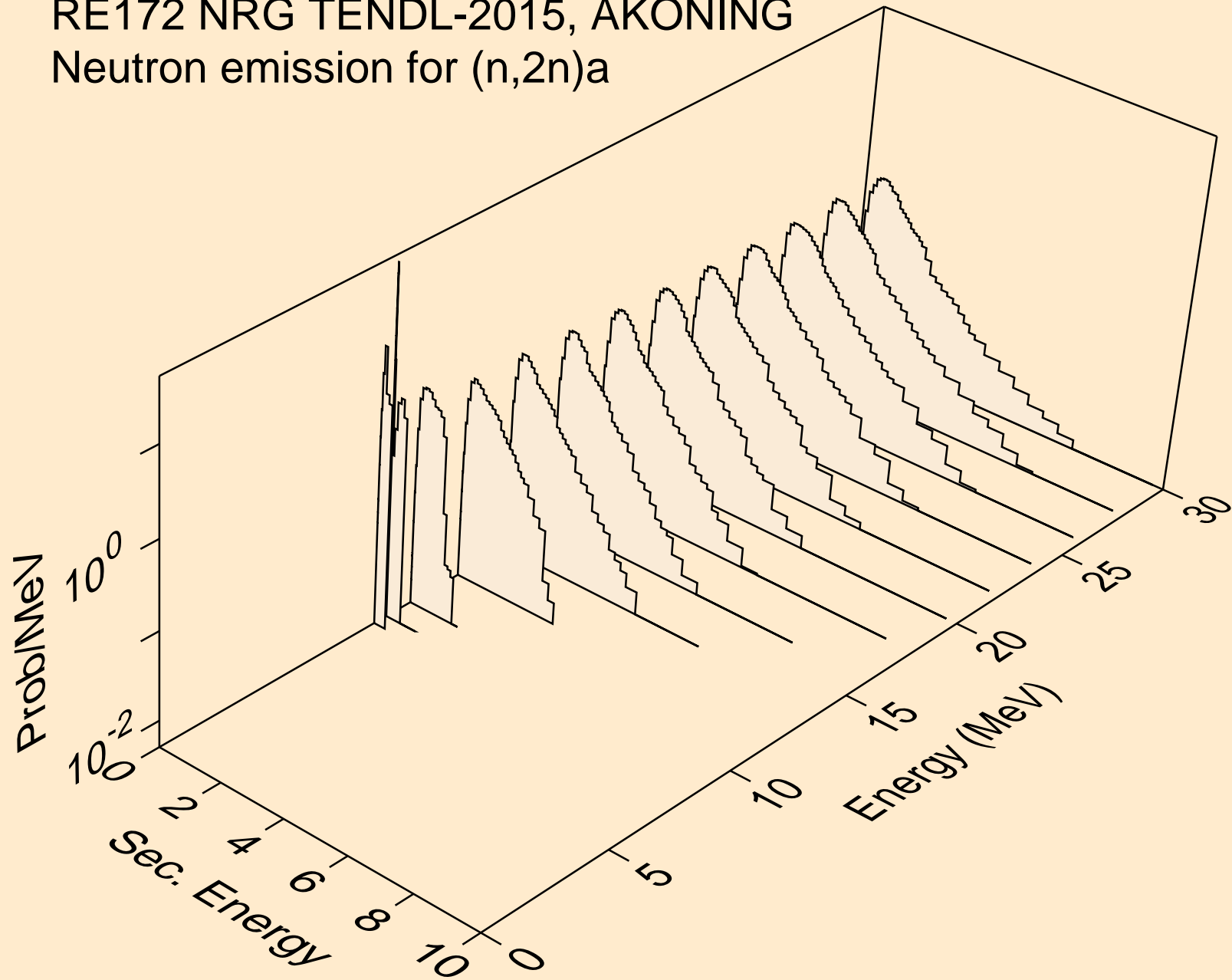
RE172 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



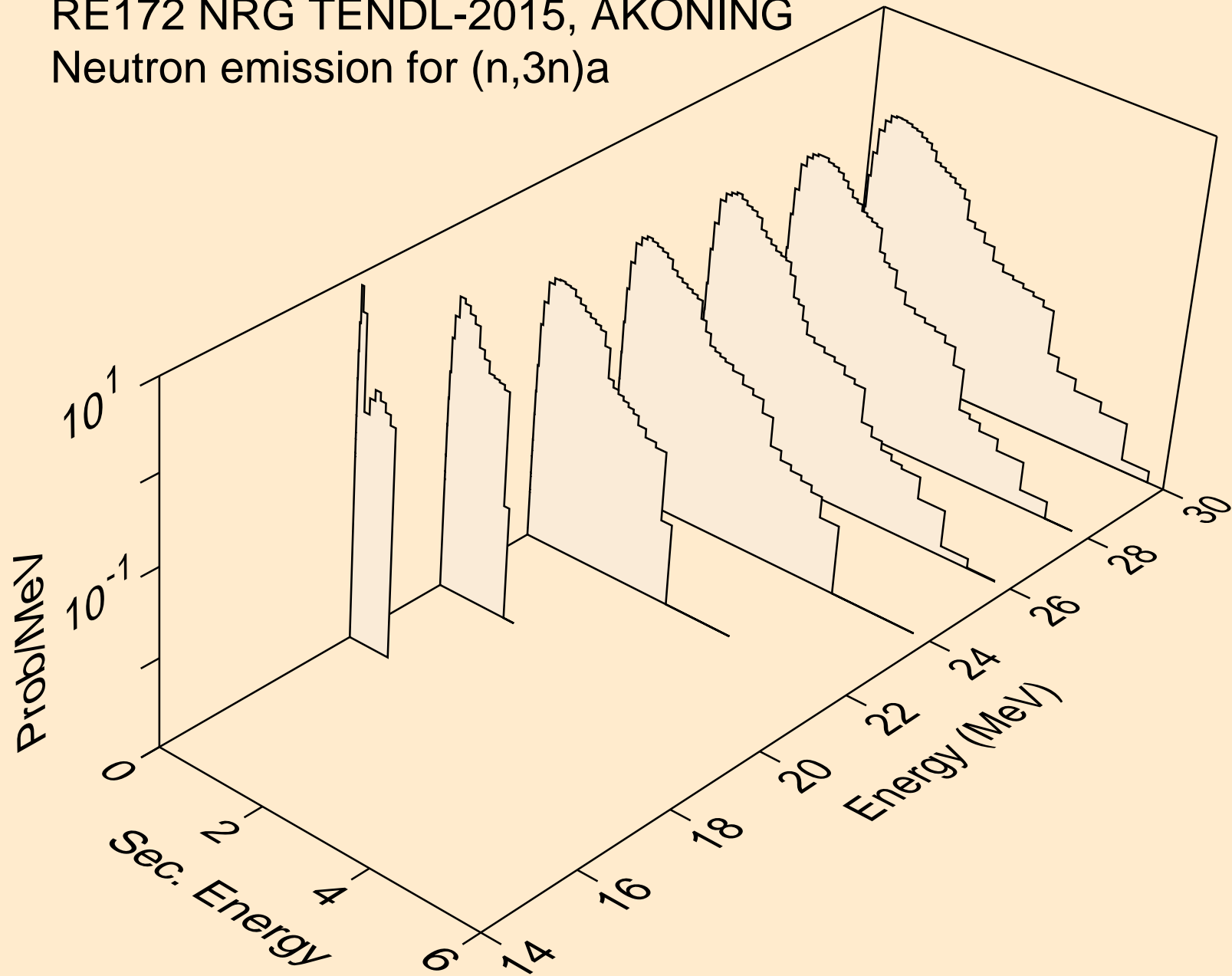
RE172 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a



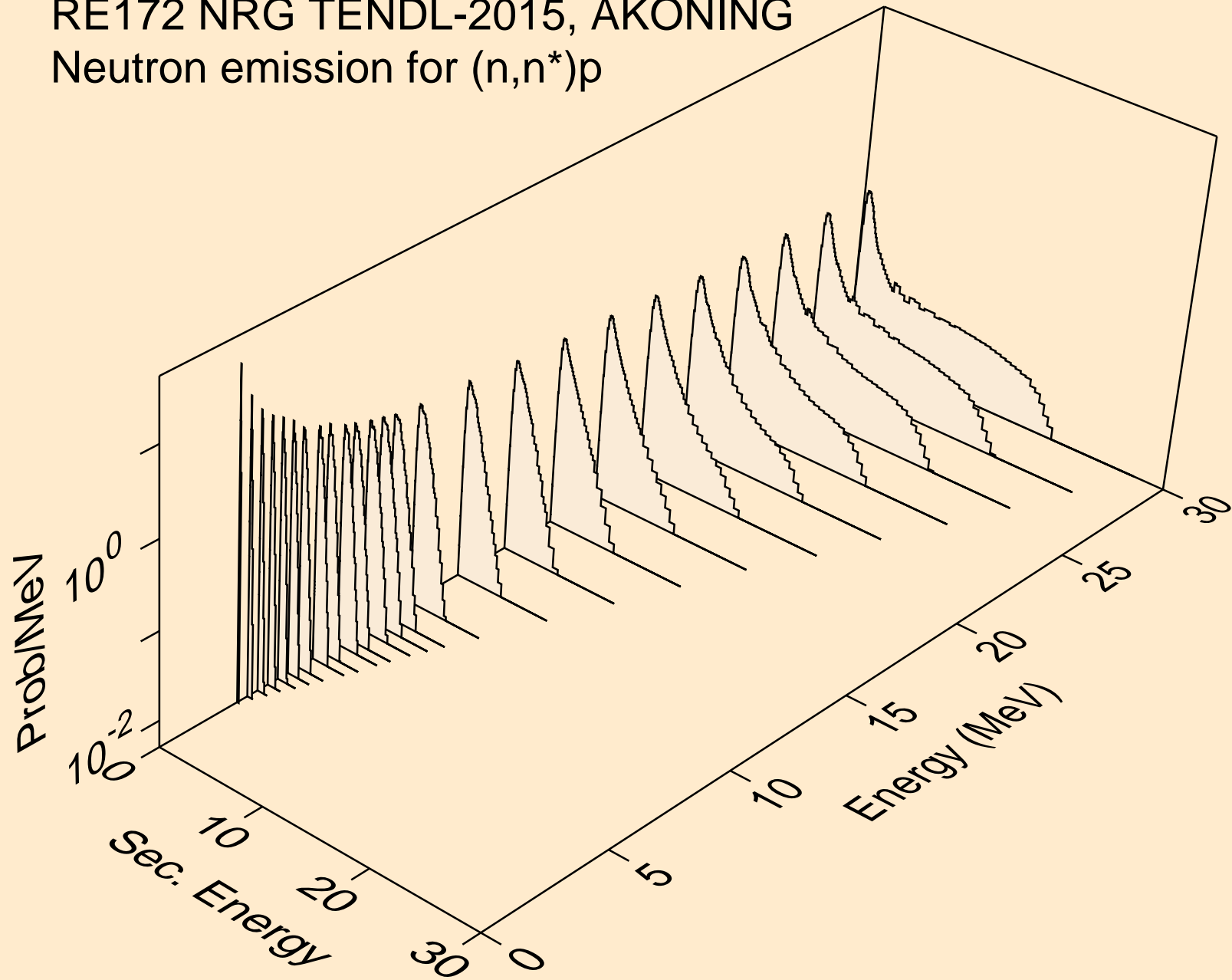
RE172 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



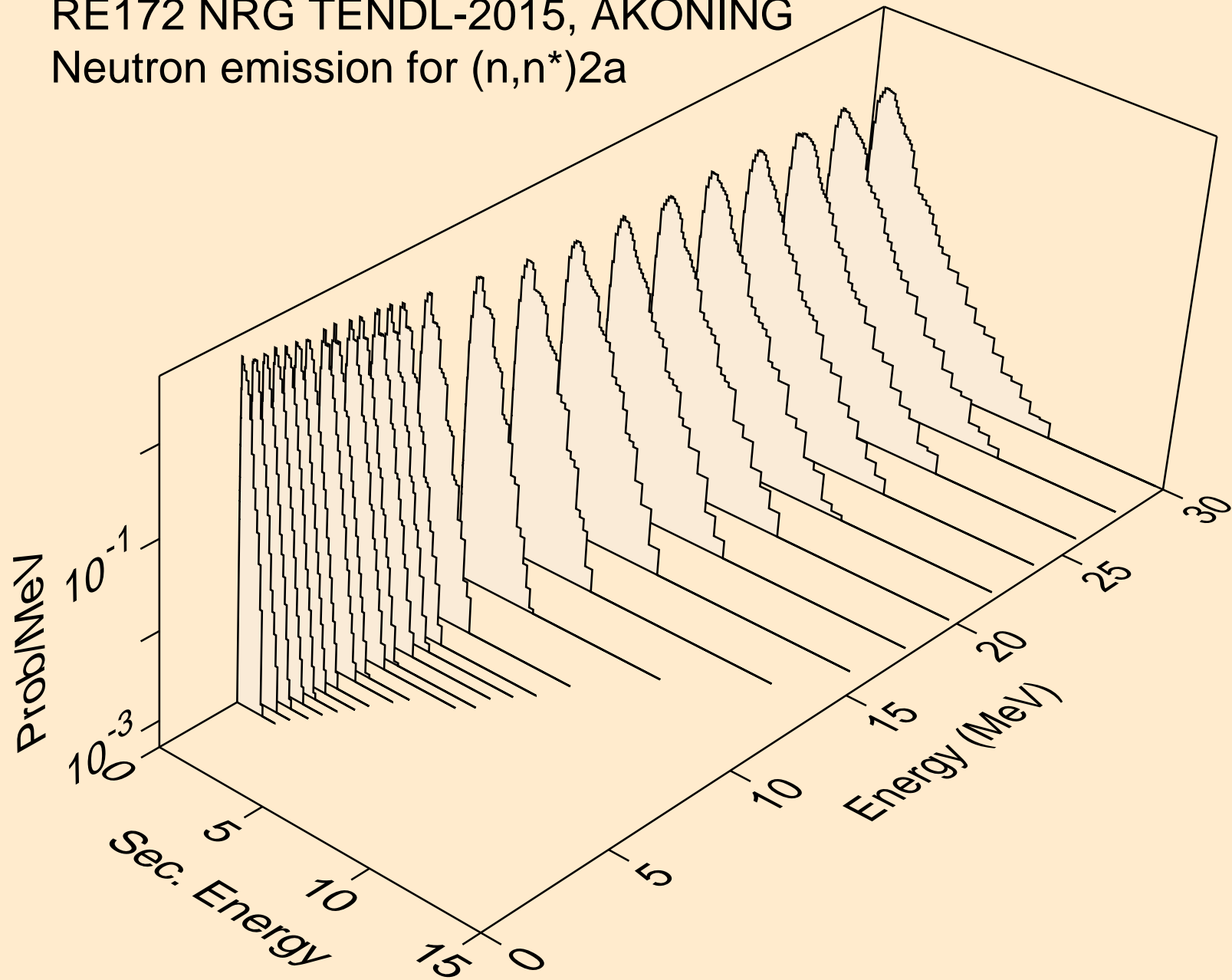
RE172 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



RE172 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

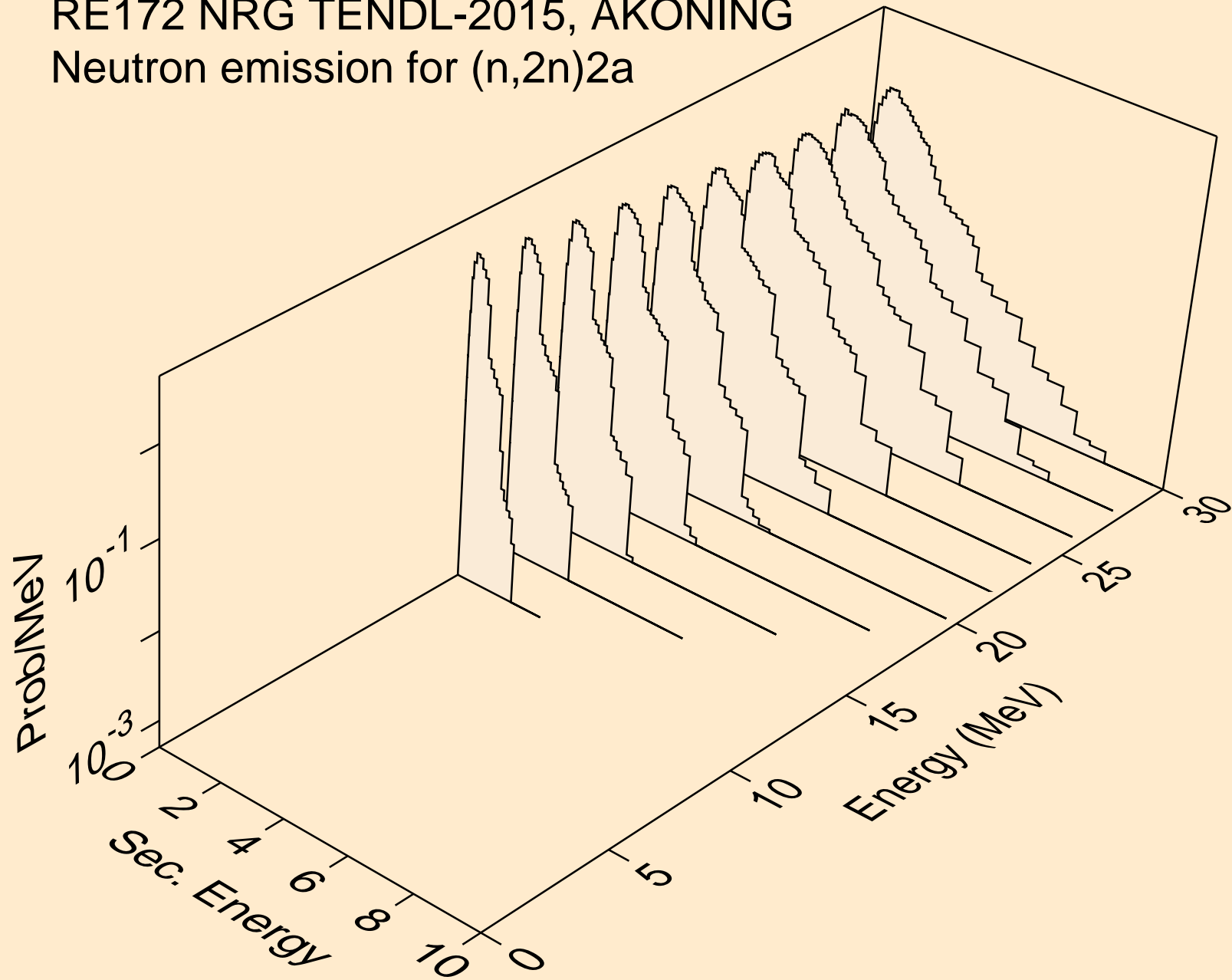


RE172 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

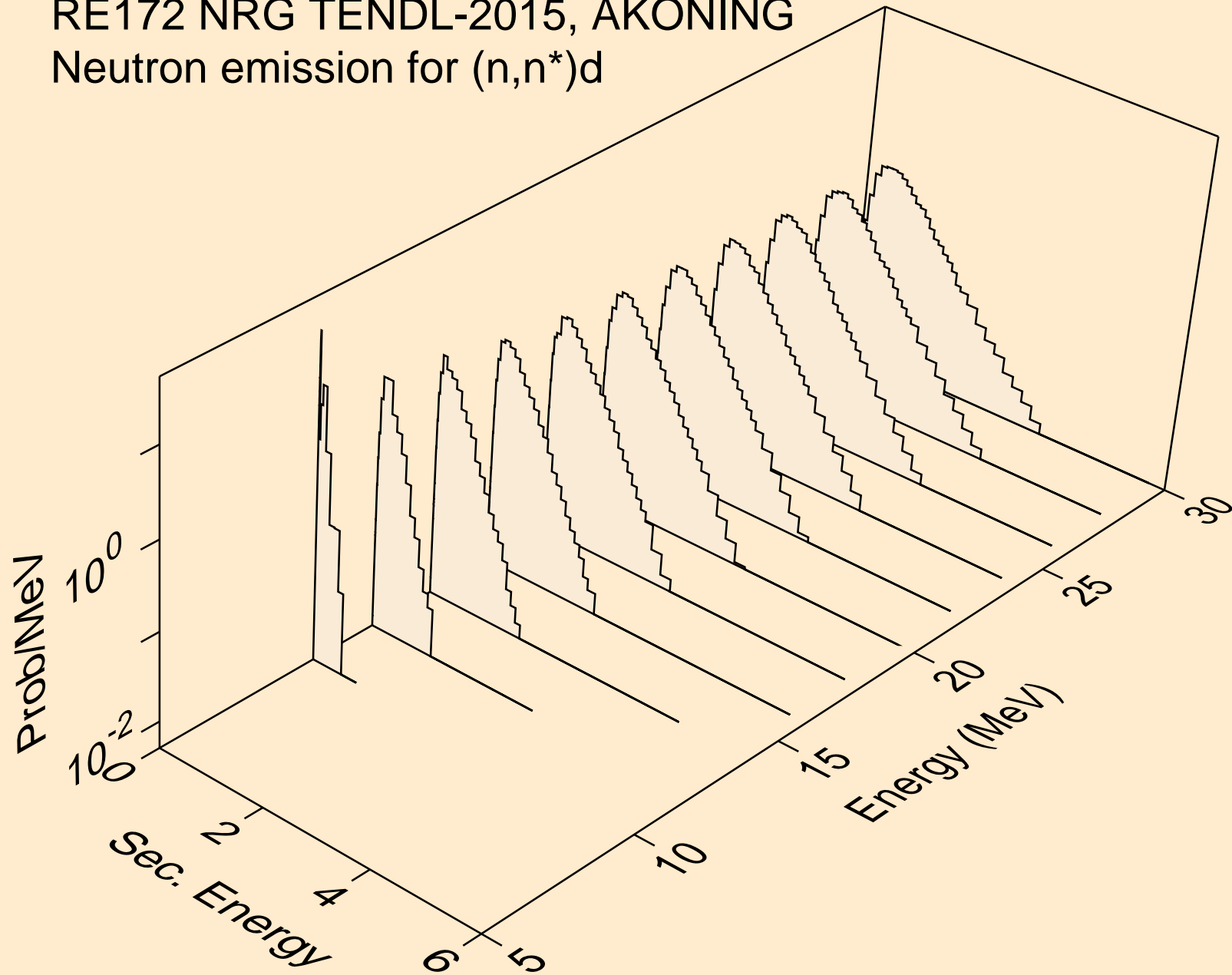




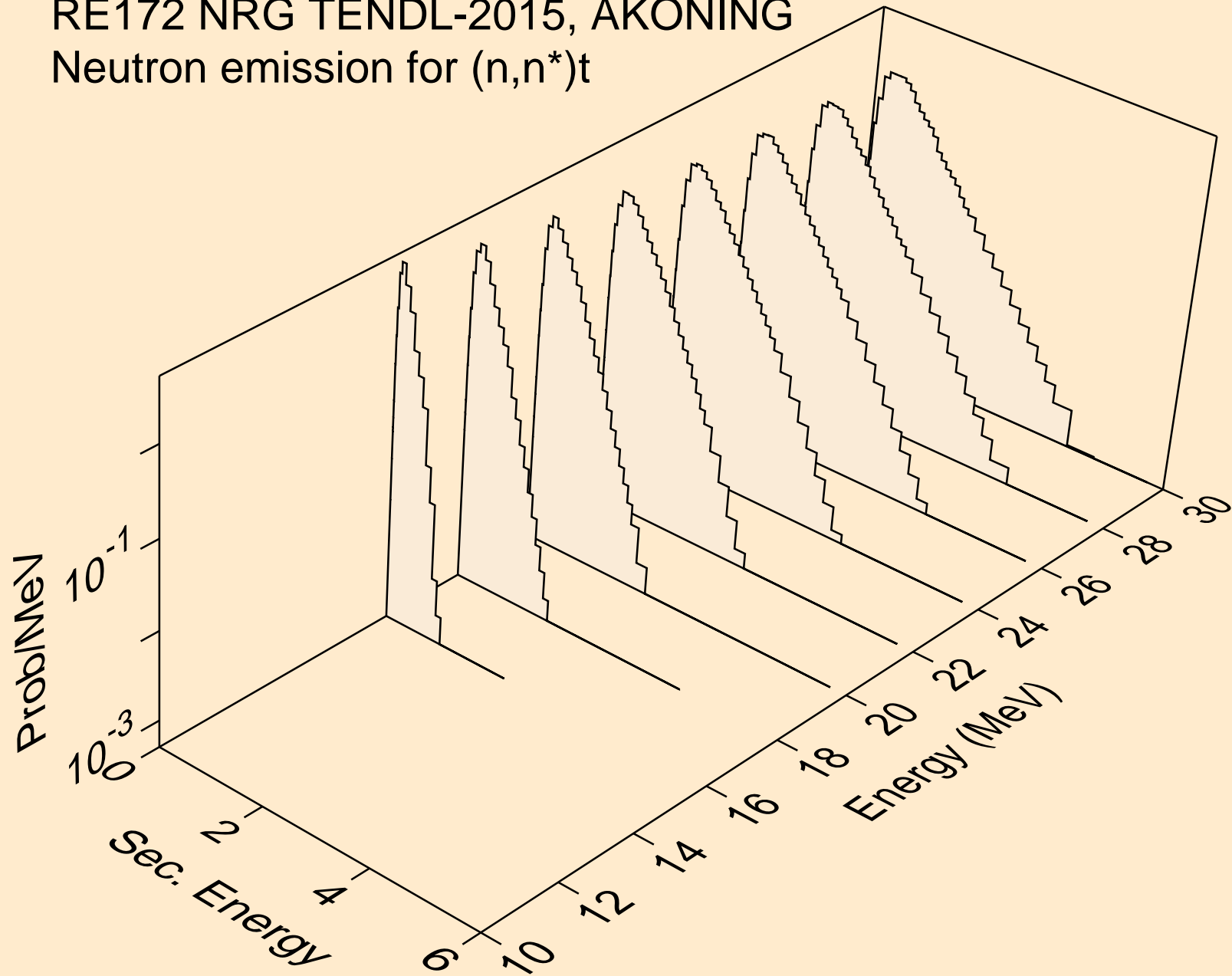
RE172 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



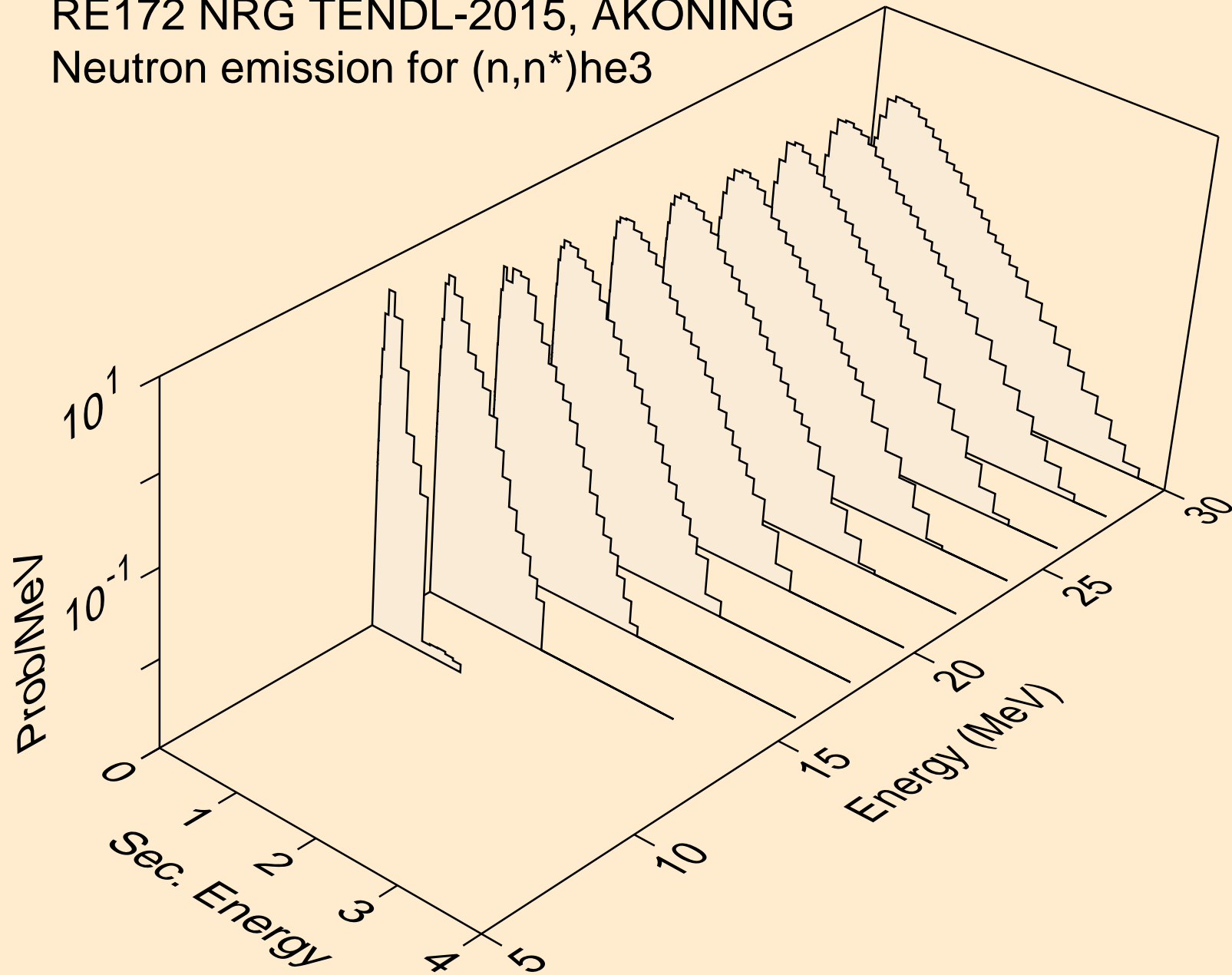
RE172 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



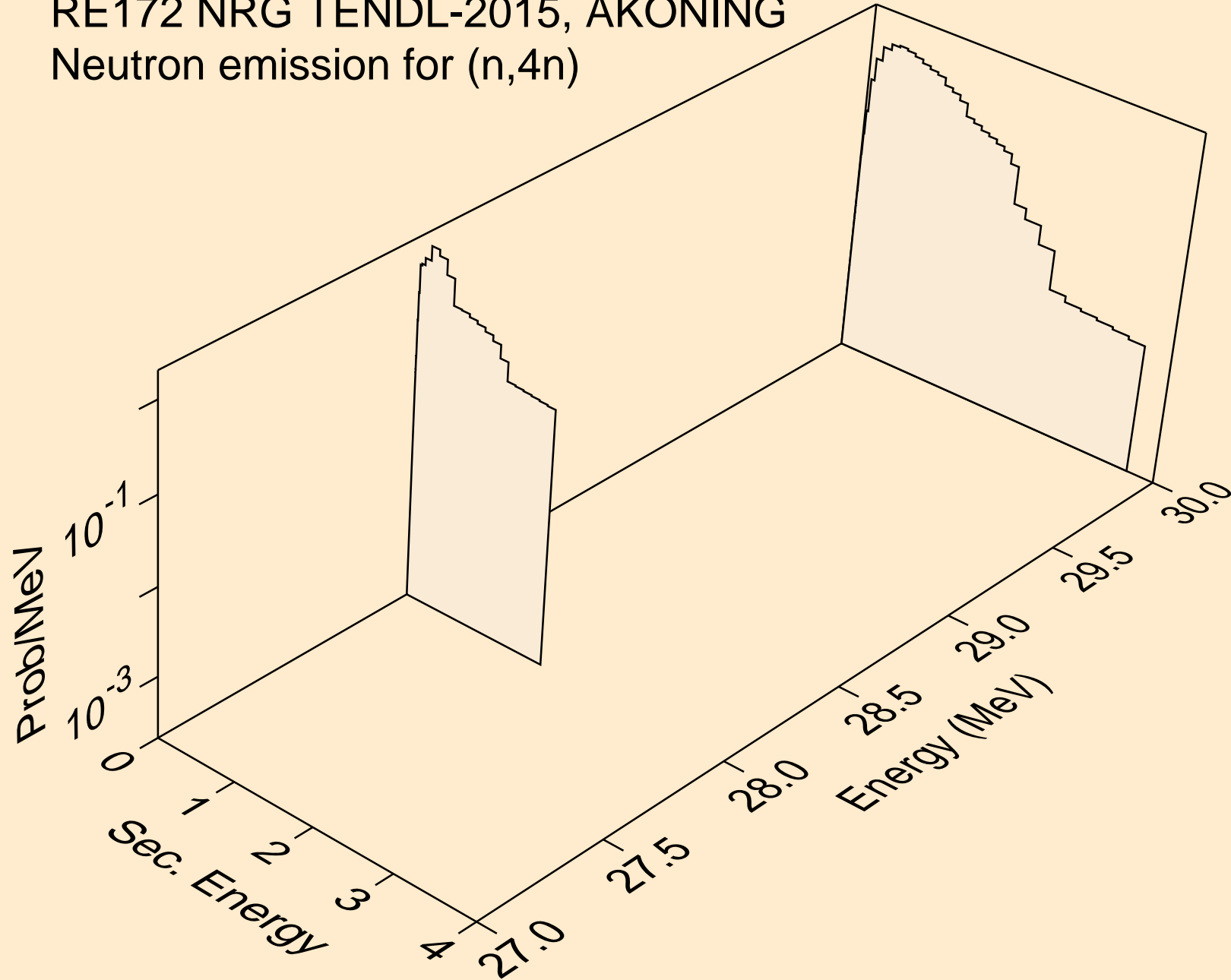
RE172 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



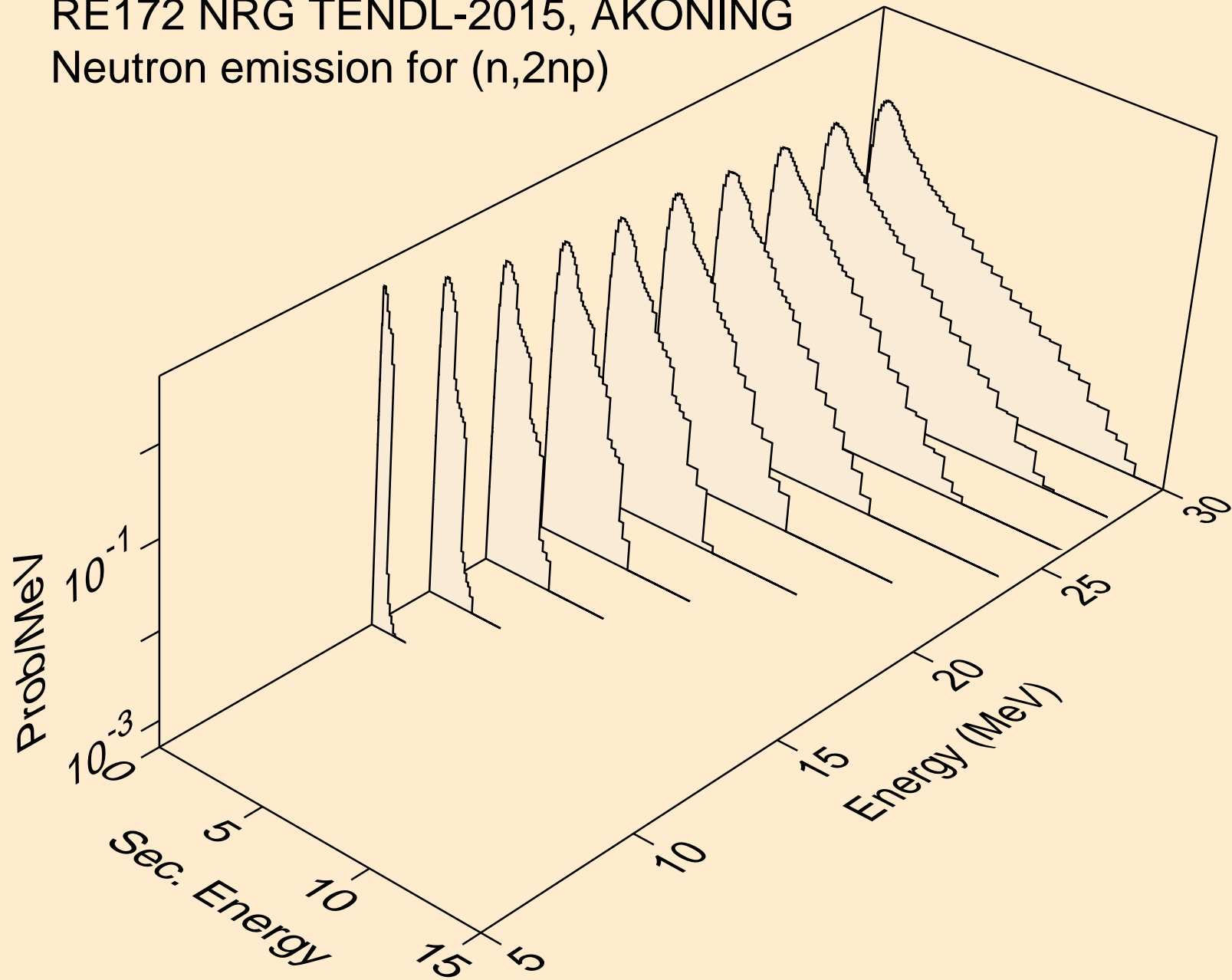
RE172 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



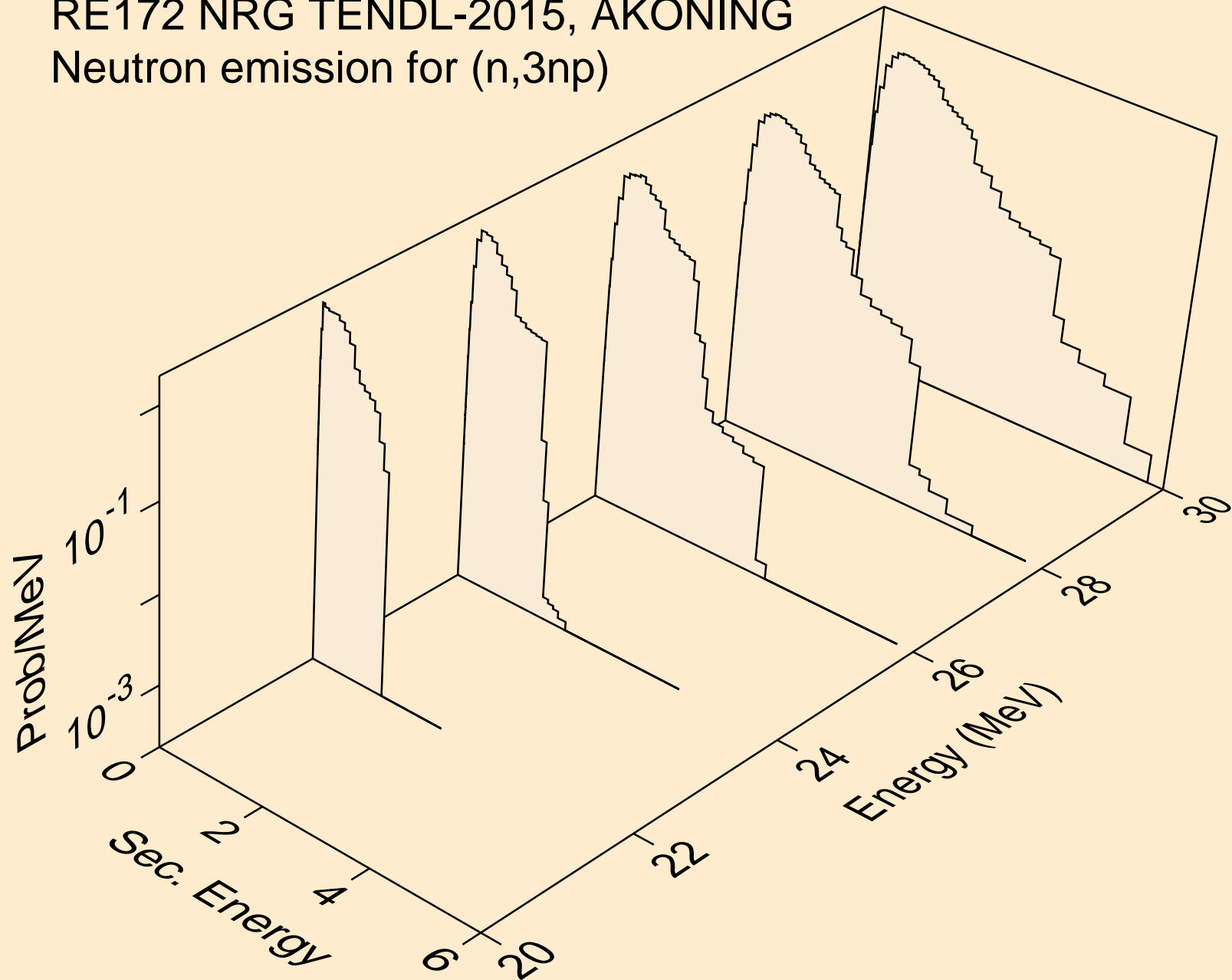
RE172 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



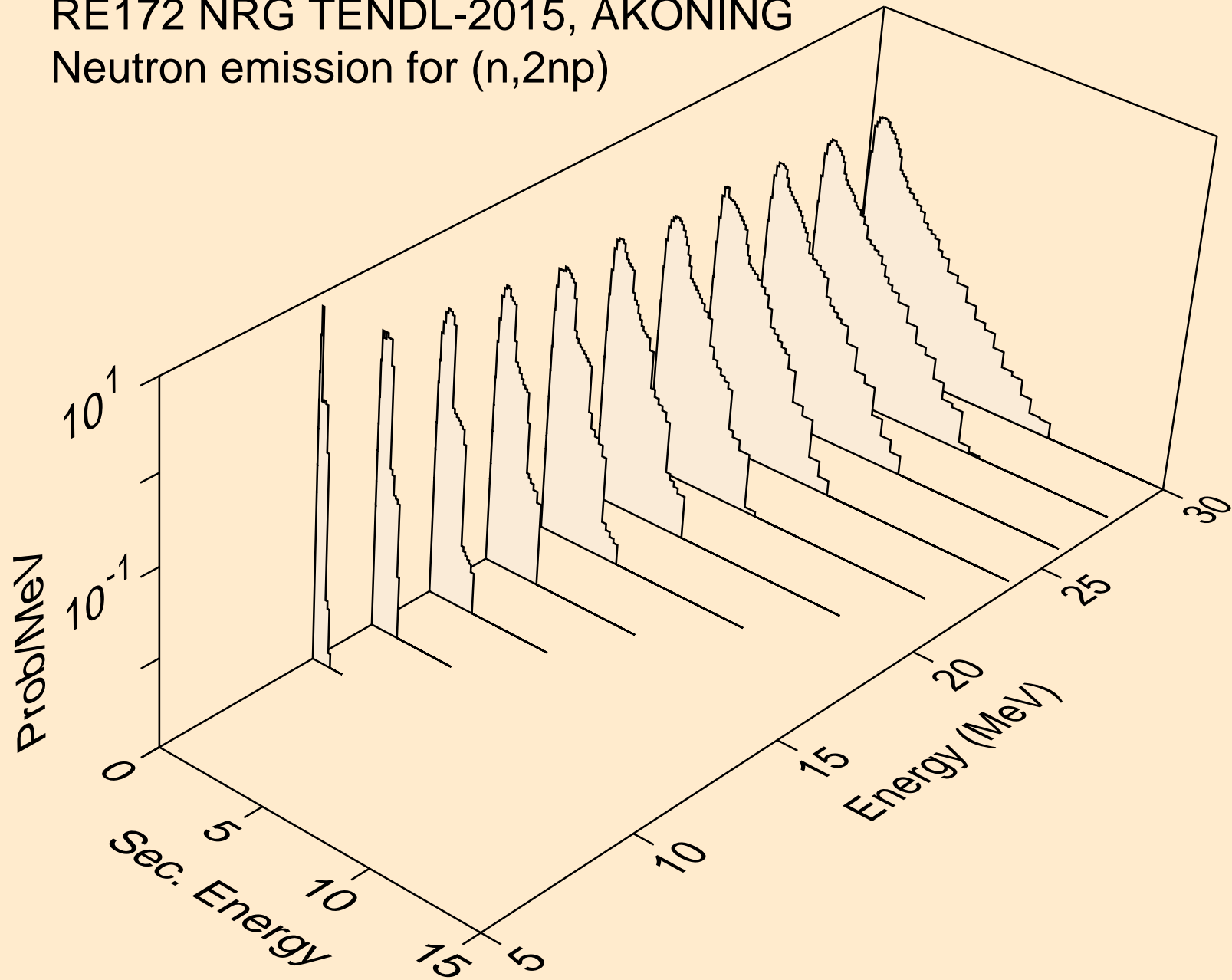
RE172 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



RE172 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

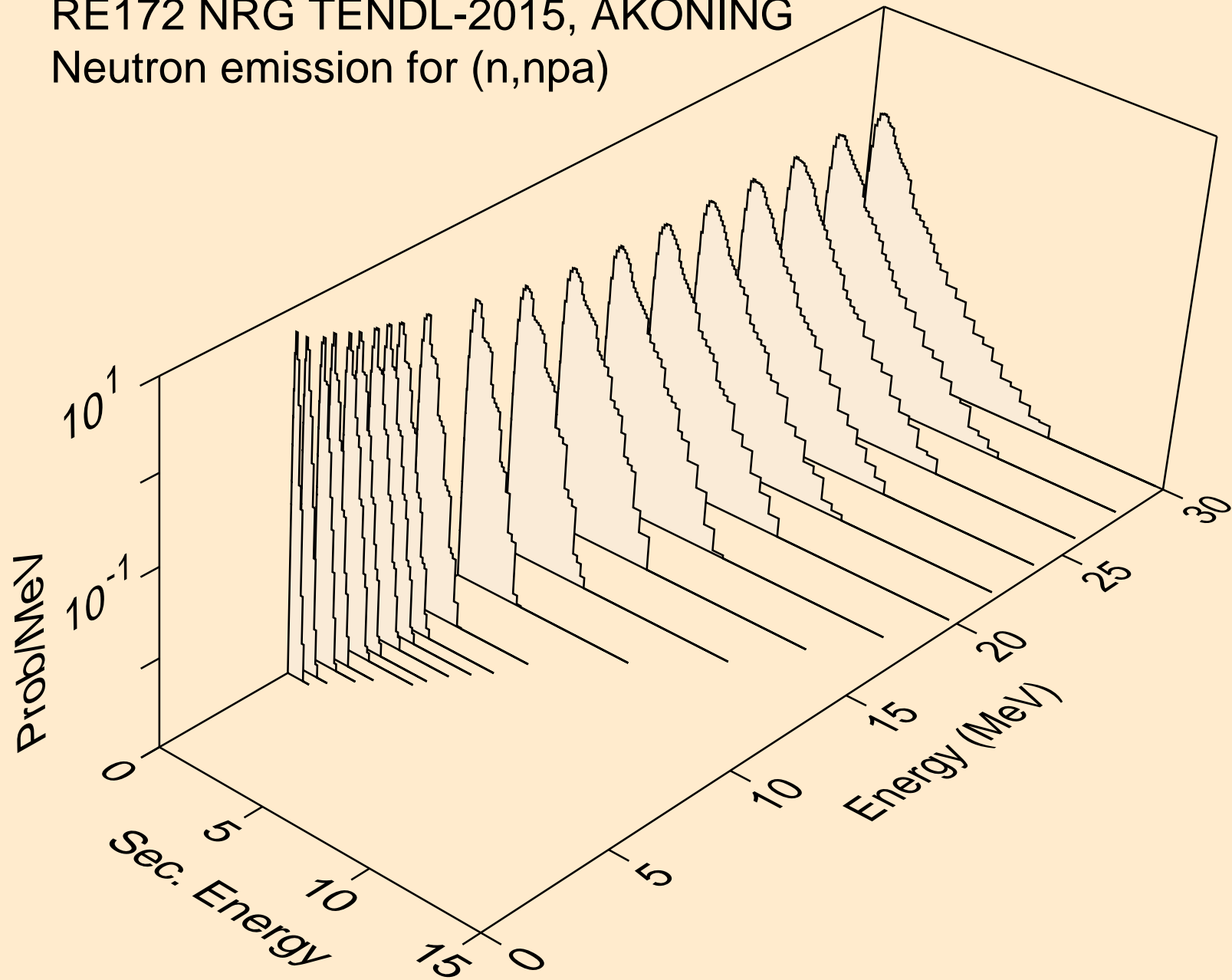


RE172 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

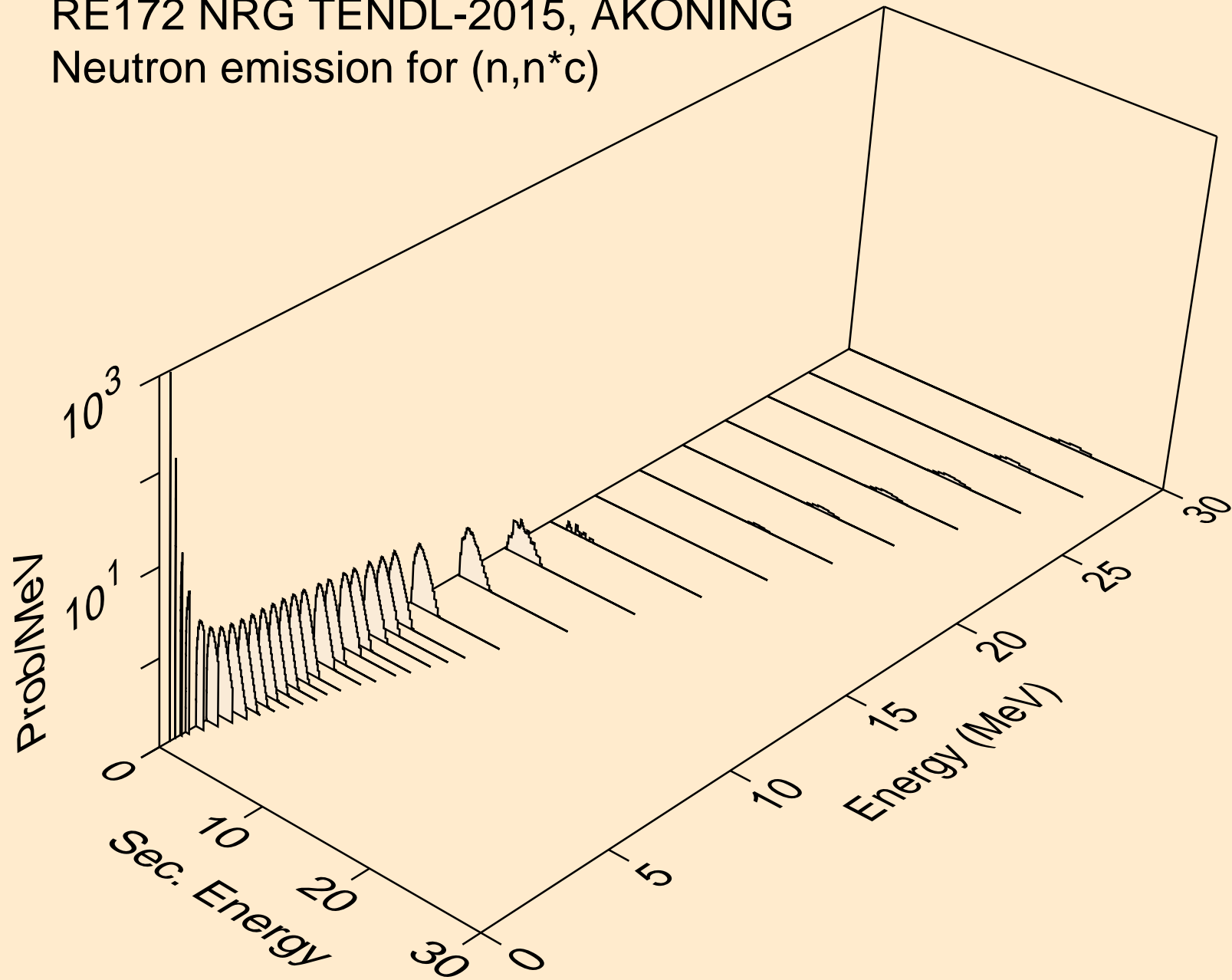




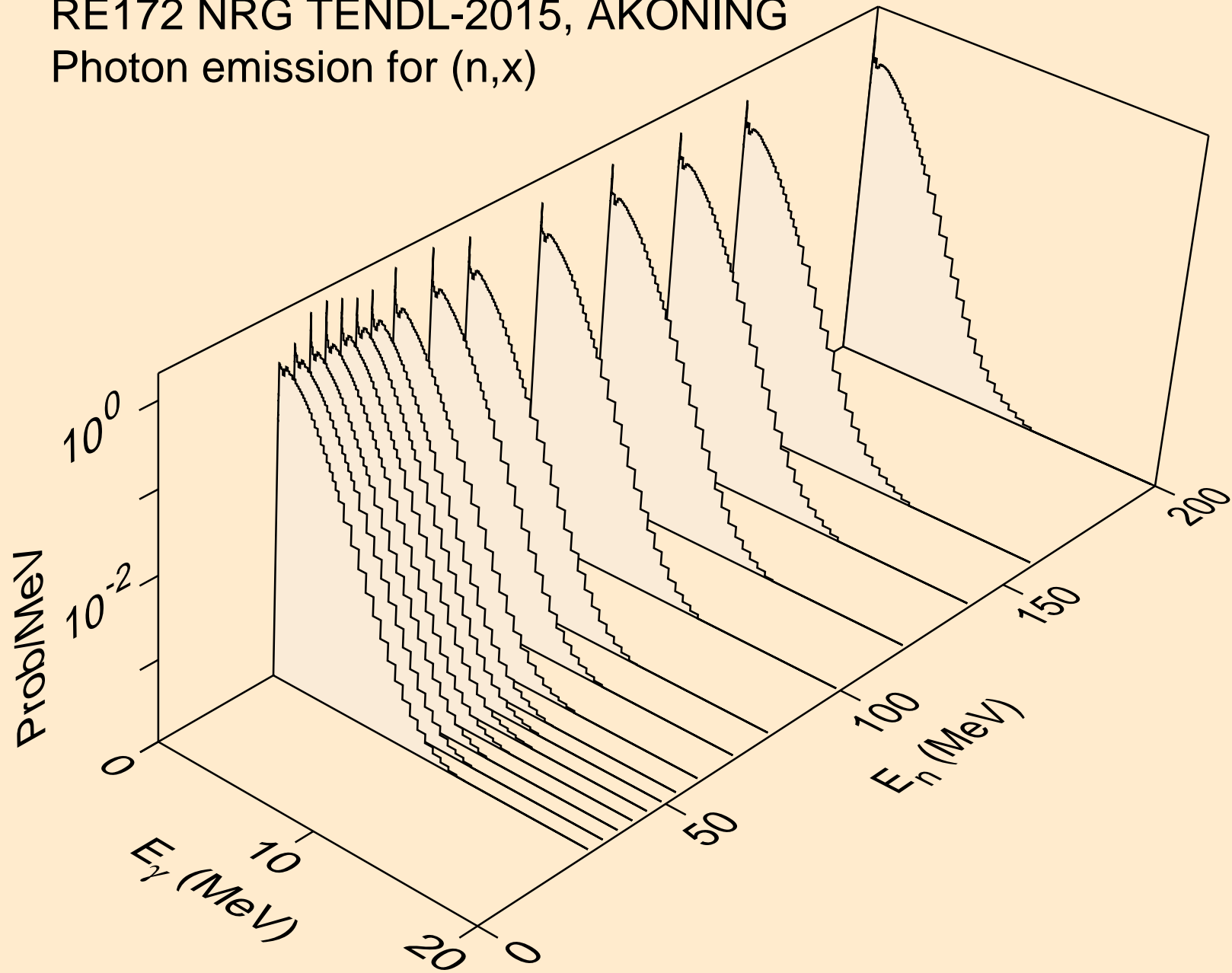
RE172 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



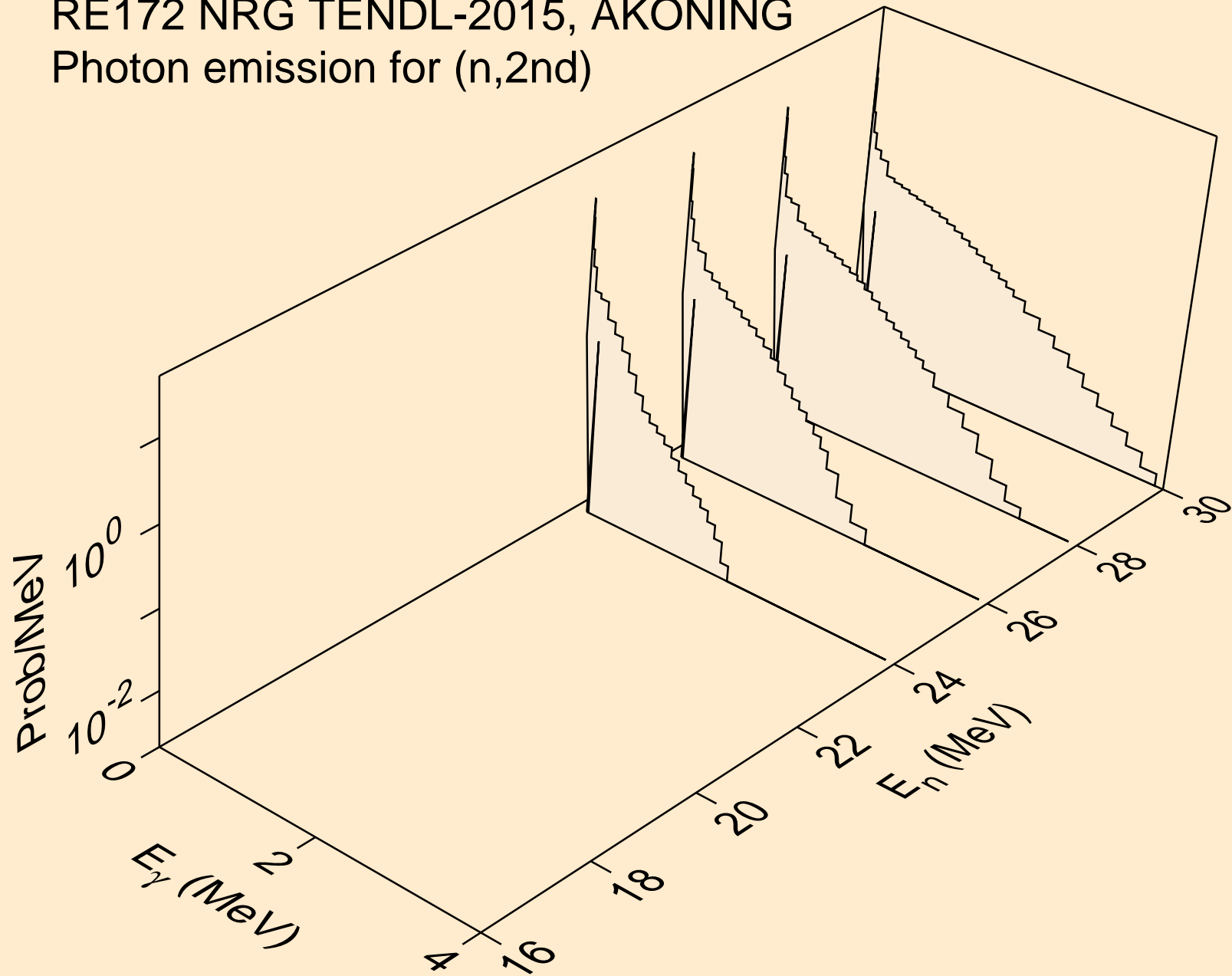
RE172 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



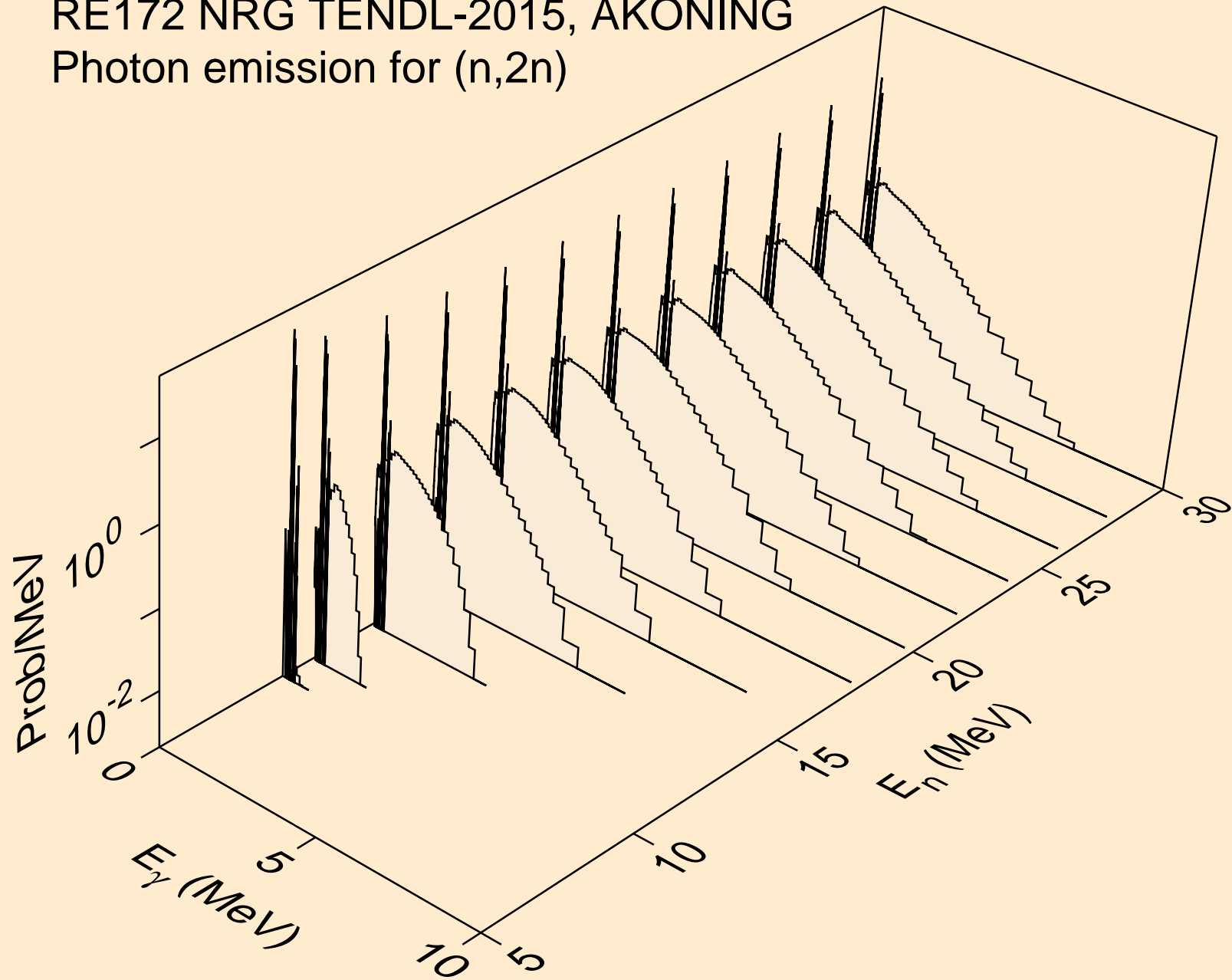
RE172 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



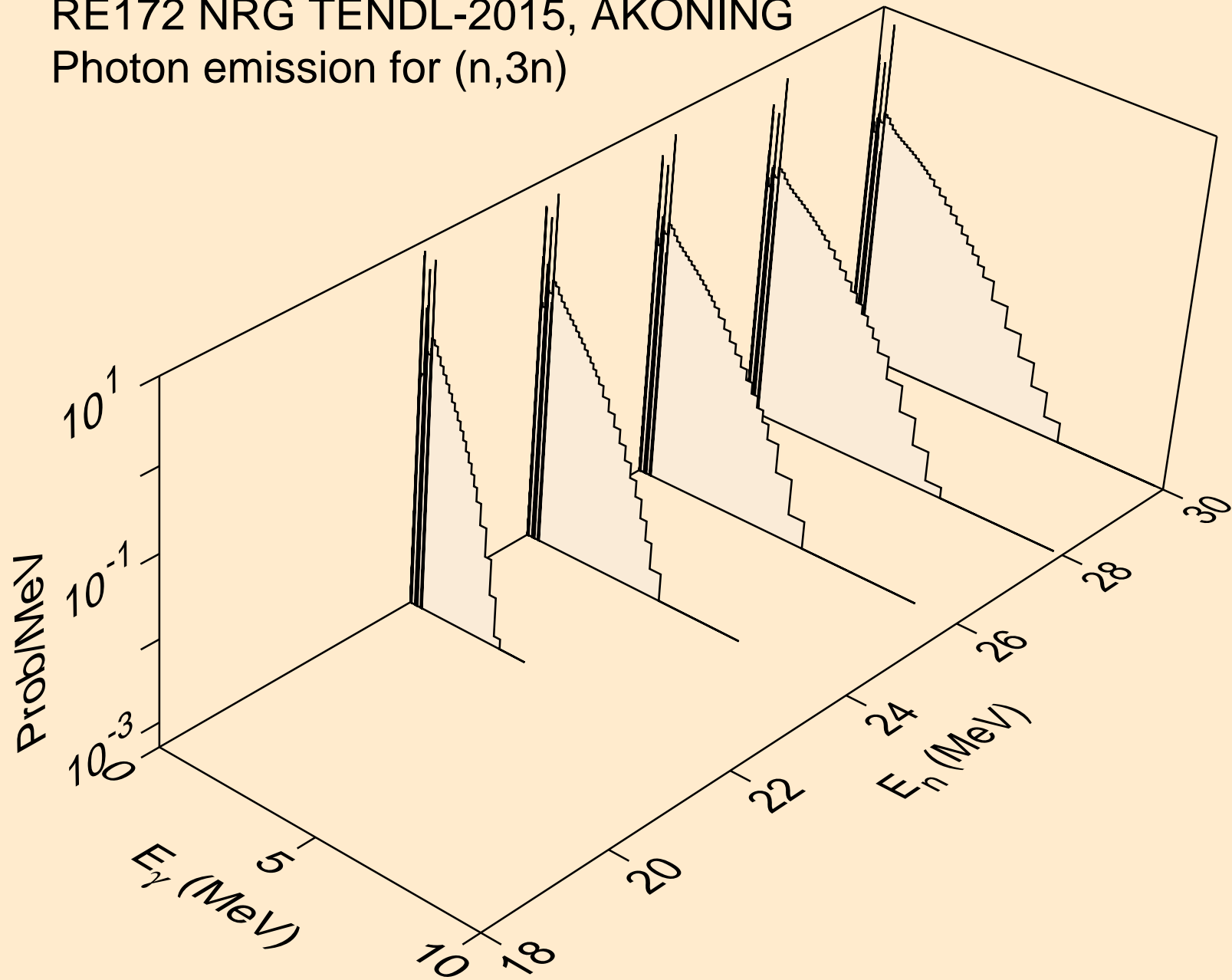
RE172 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



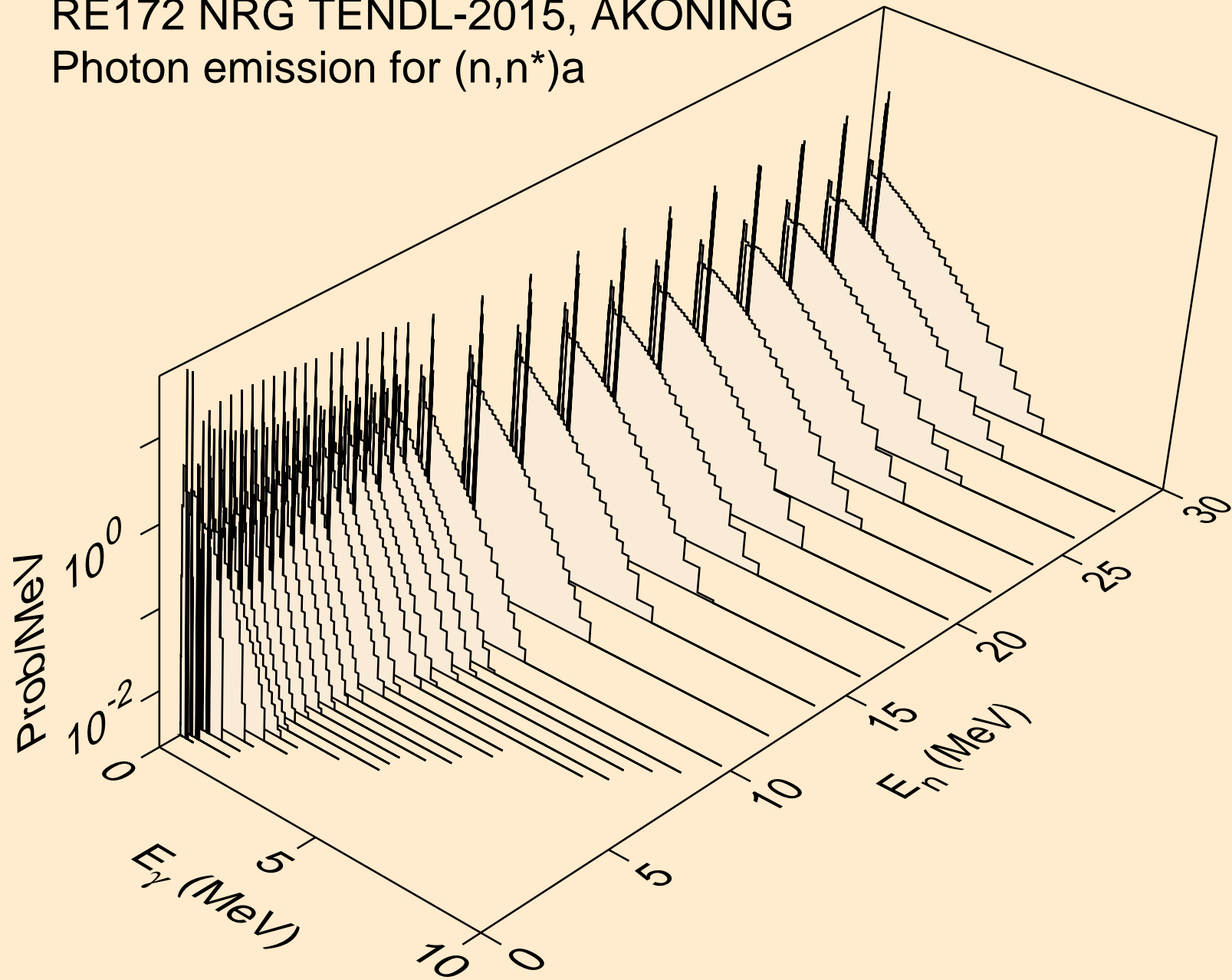
RE172 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



RE172 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

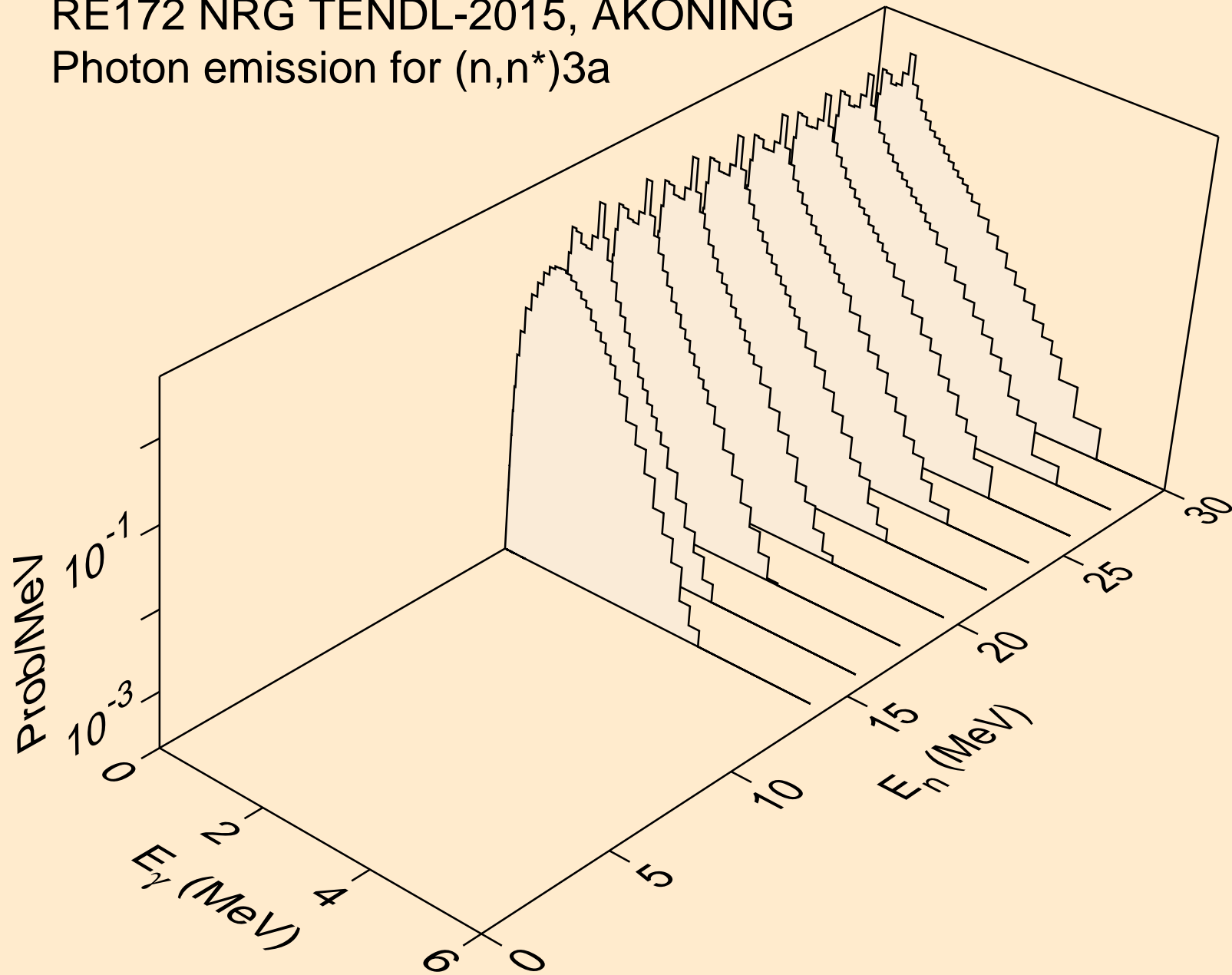


RE172 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



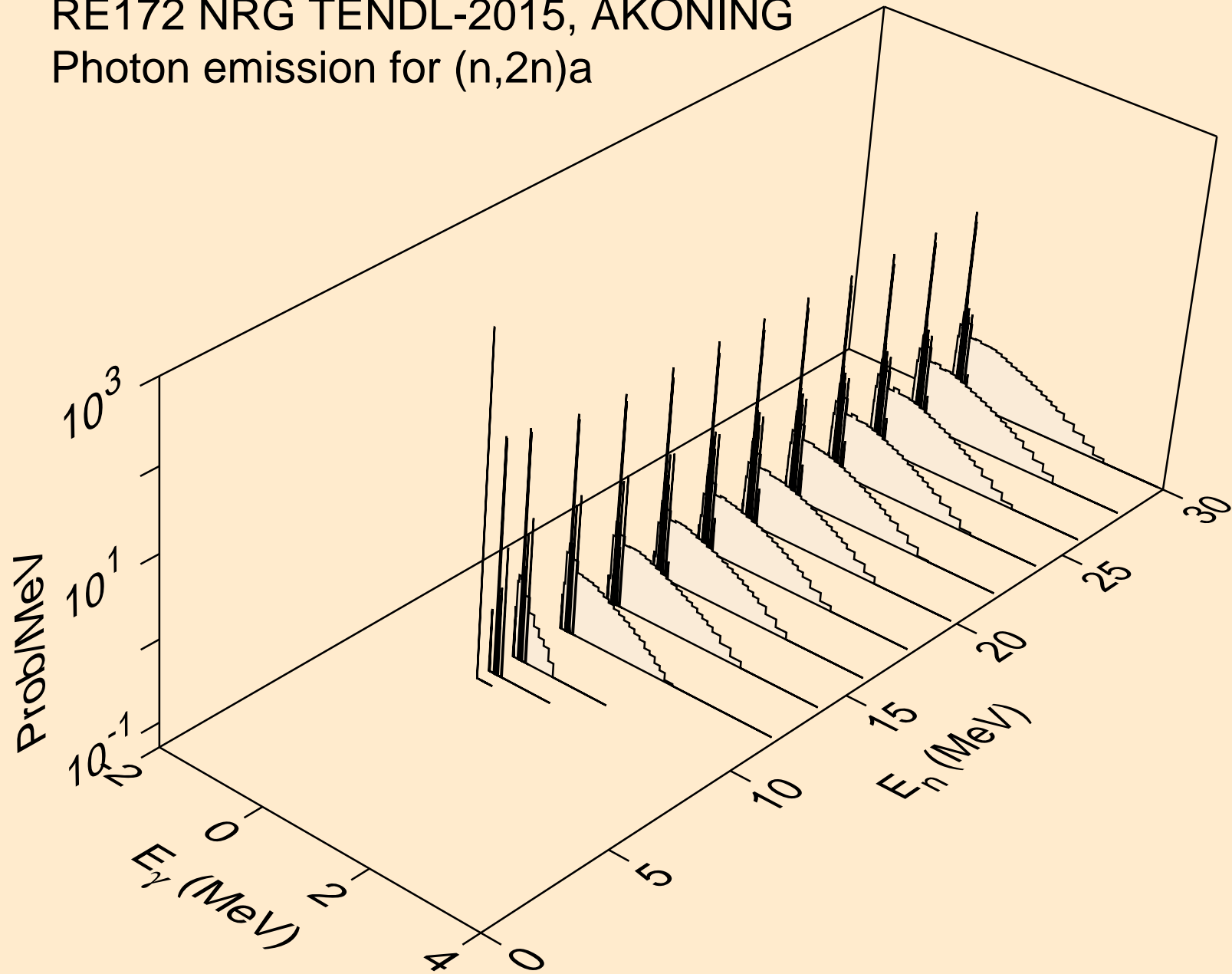
RE172 NRG TENDL-2015, AKONING

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

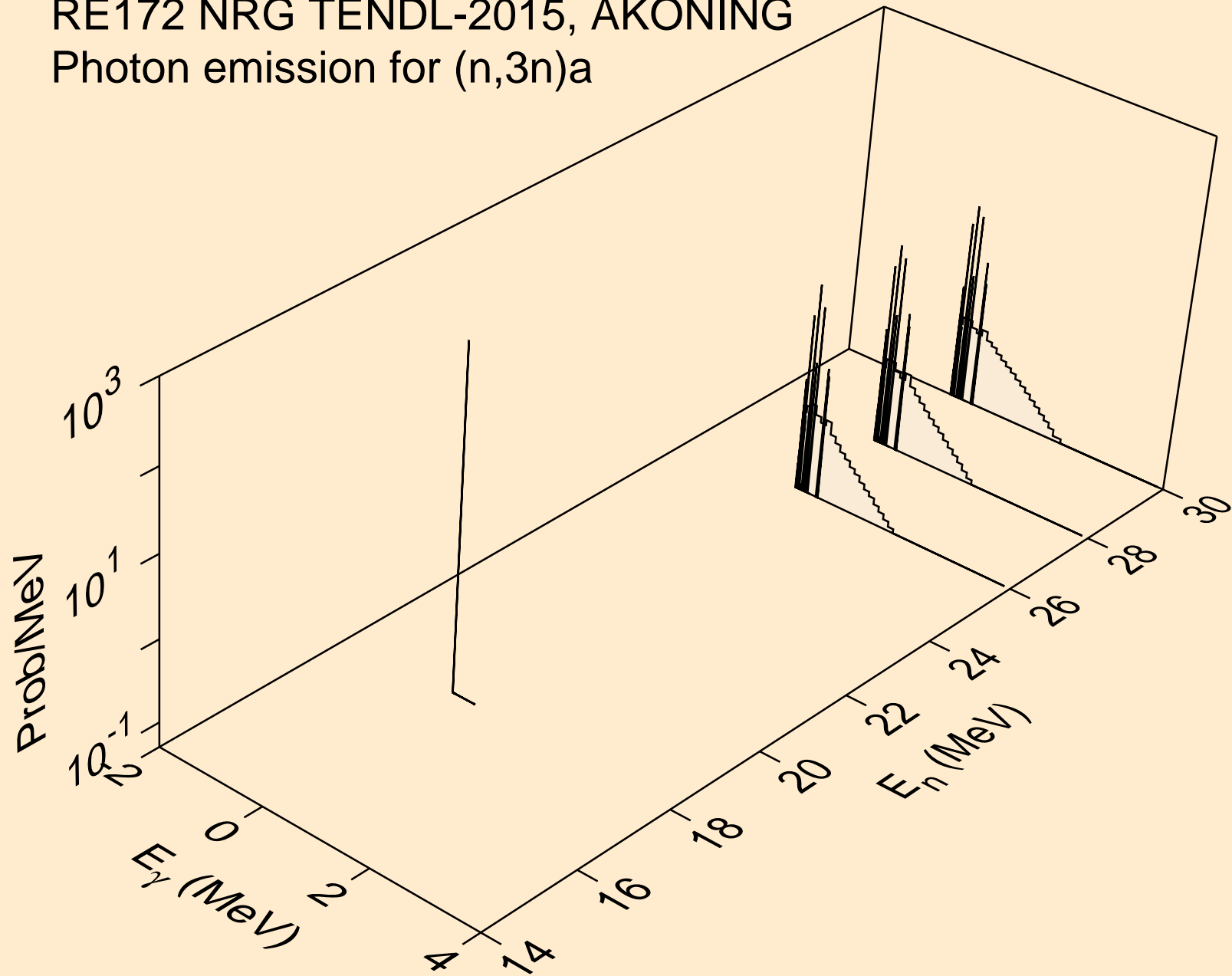




RE172 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

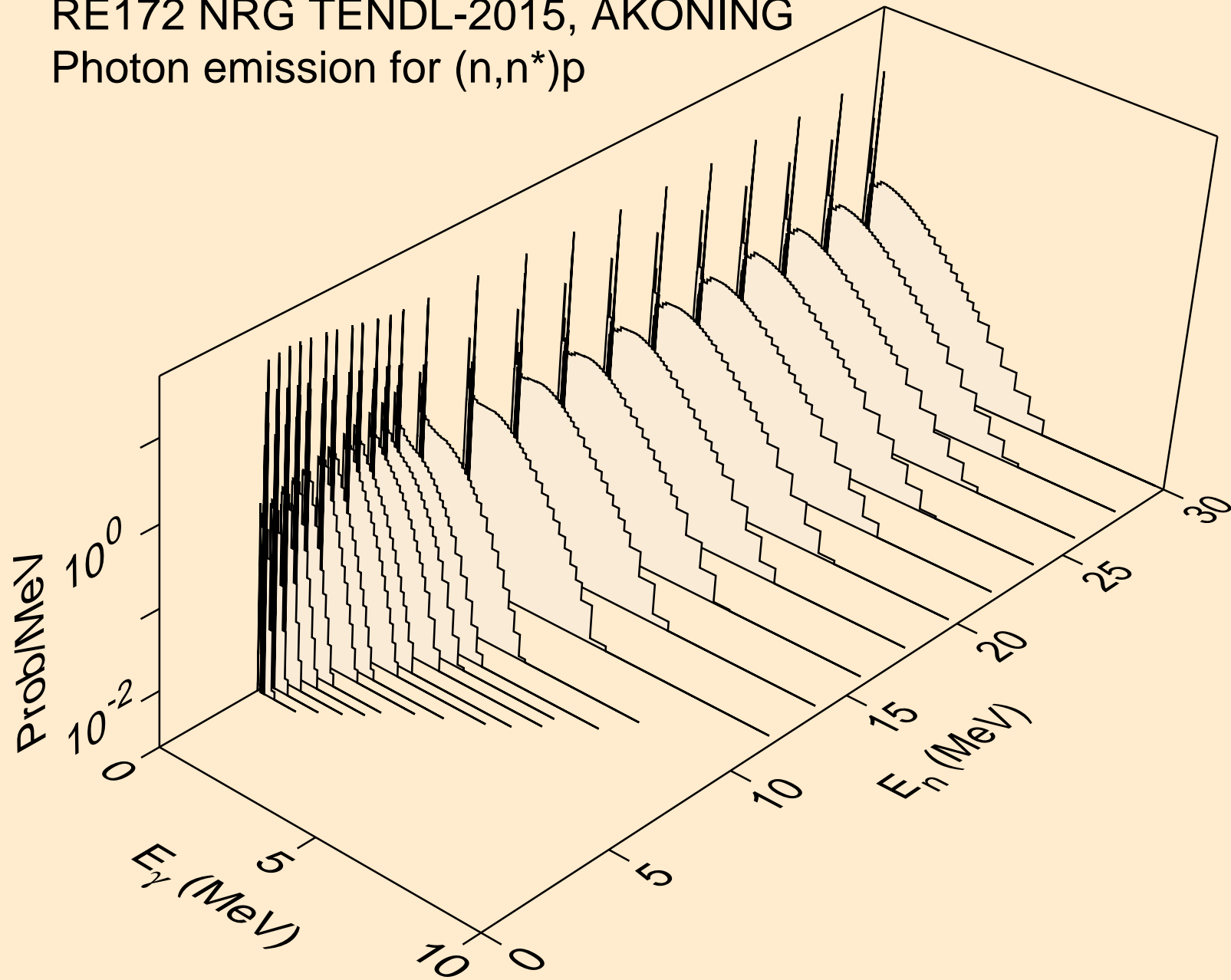


RE172 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

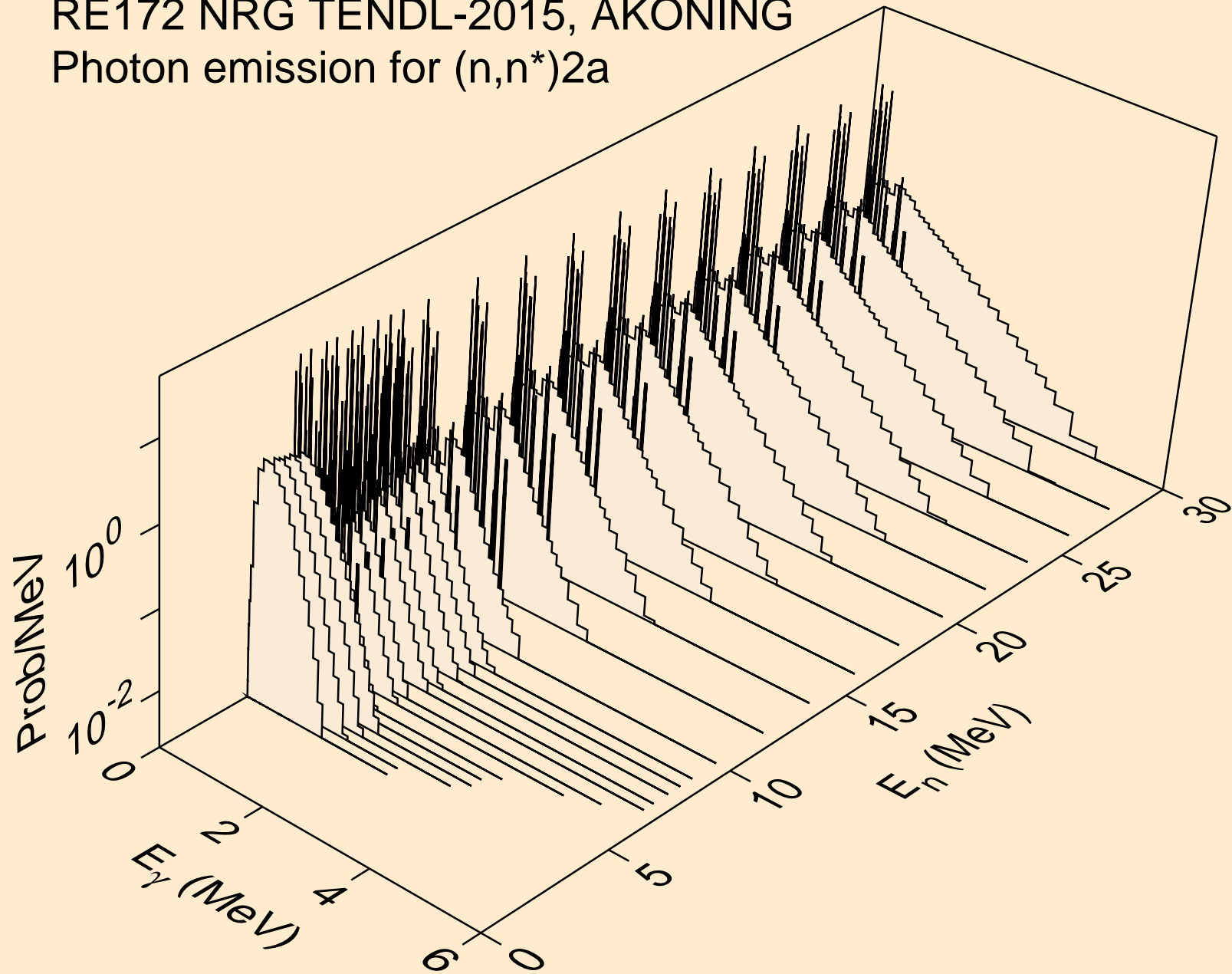


RE172 NRG TENDL-2015, AKONING

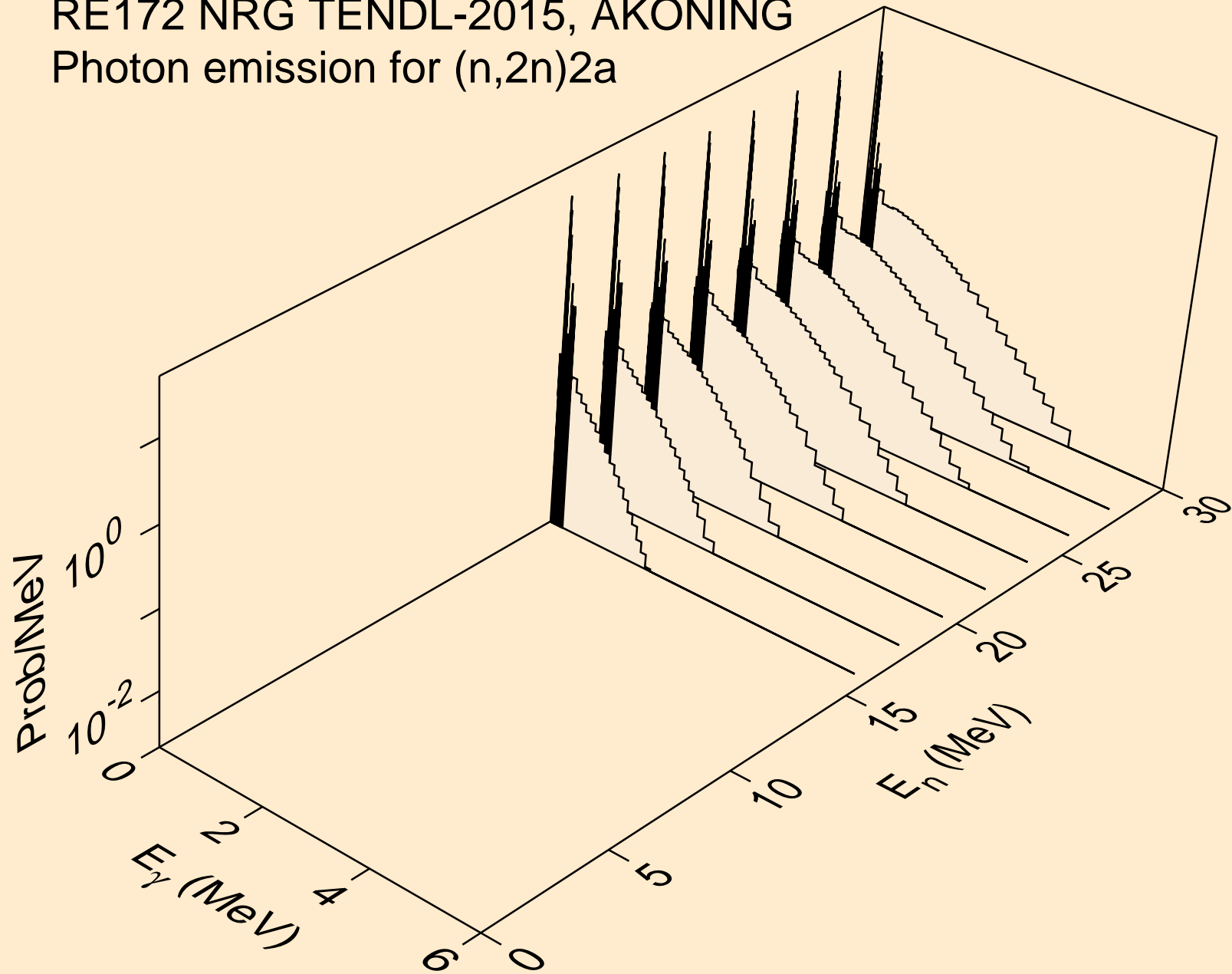
Photon emission for (n,n\*)p



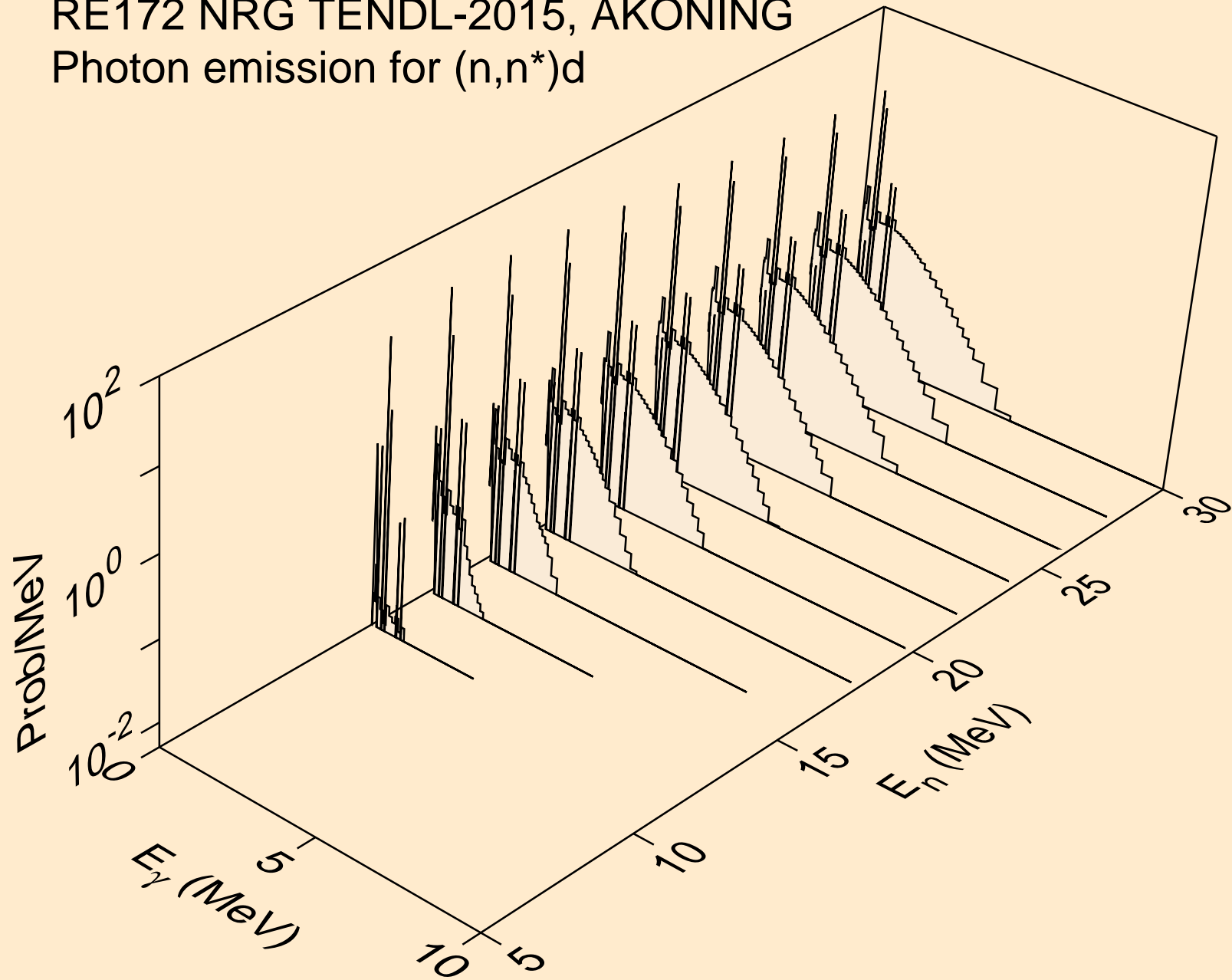
RE172 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



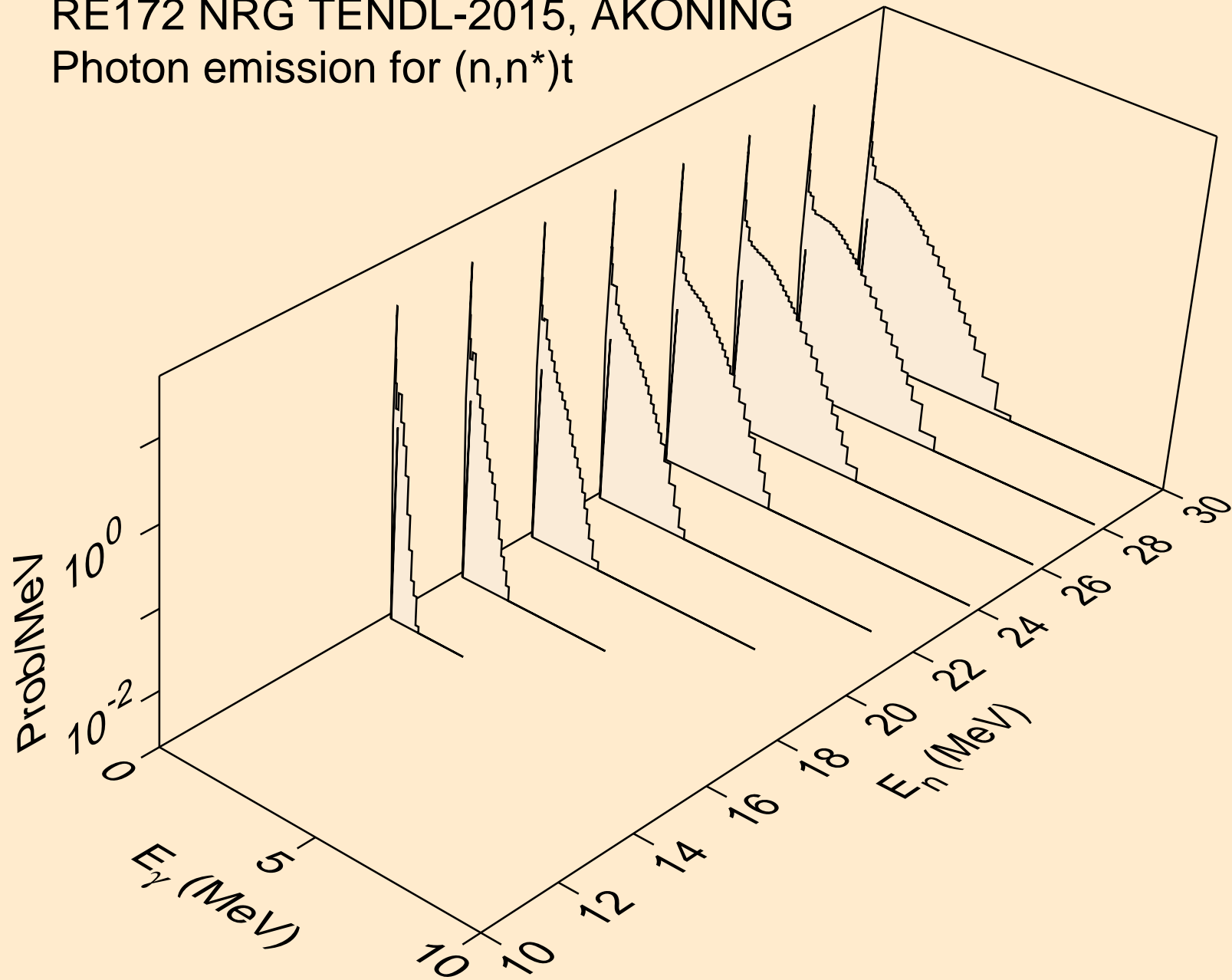
RE172 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



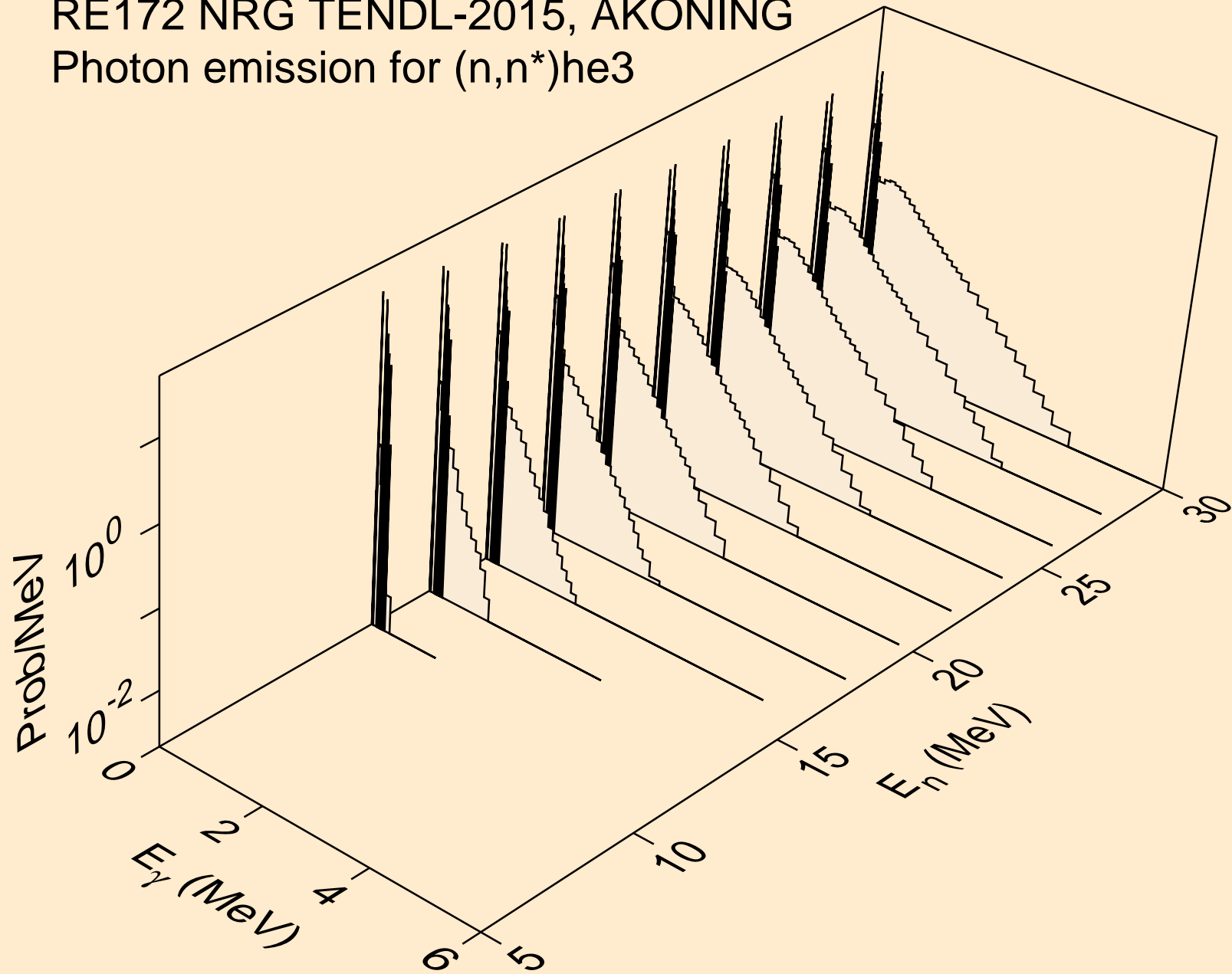
RE172 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



RE172 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

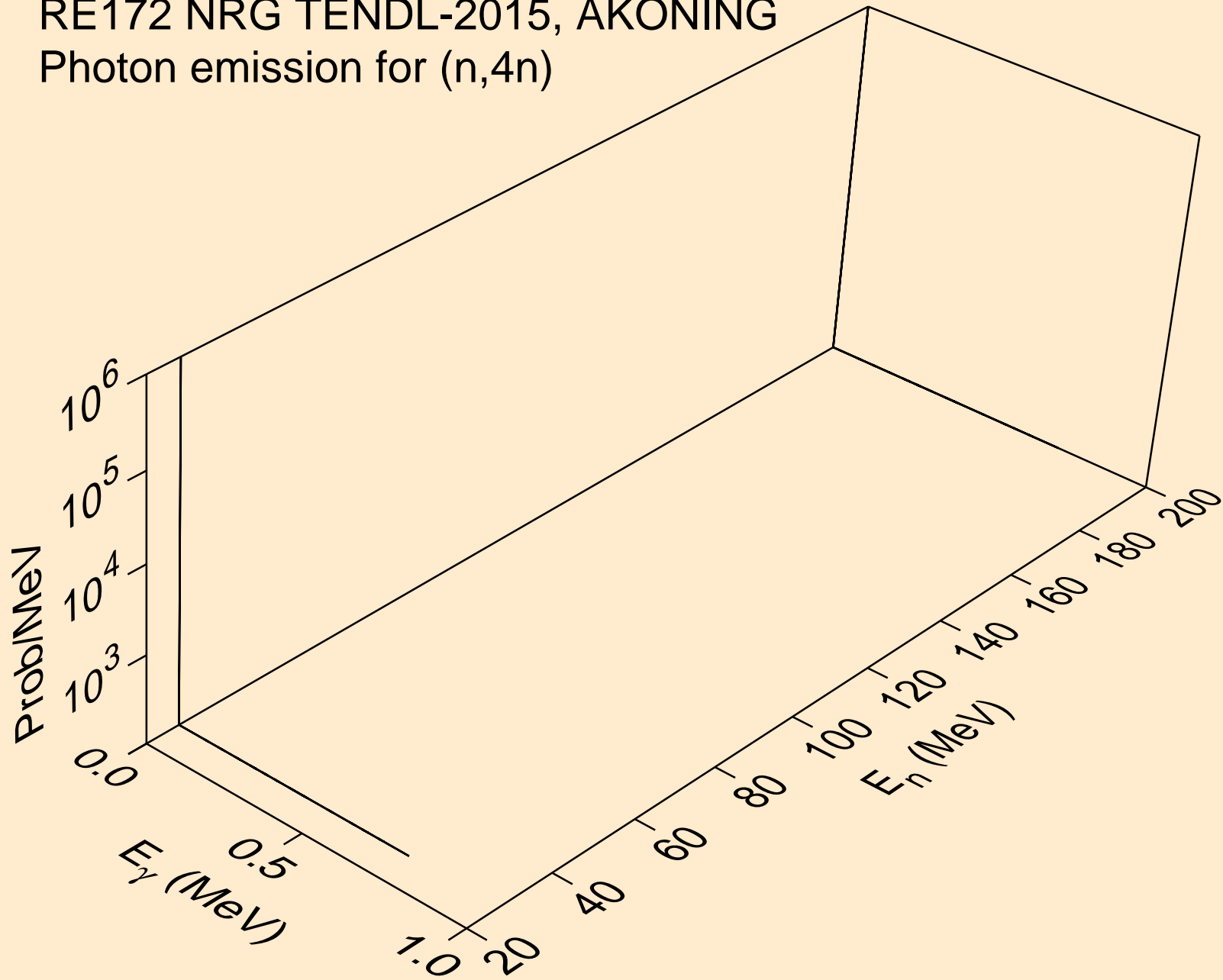


RE172 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

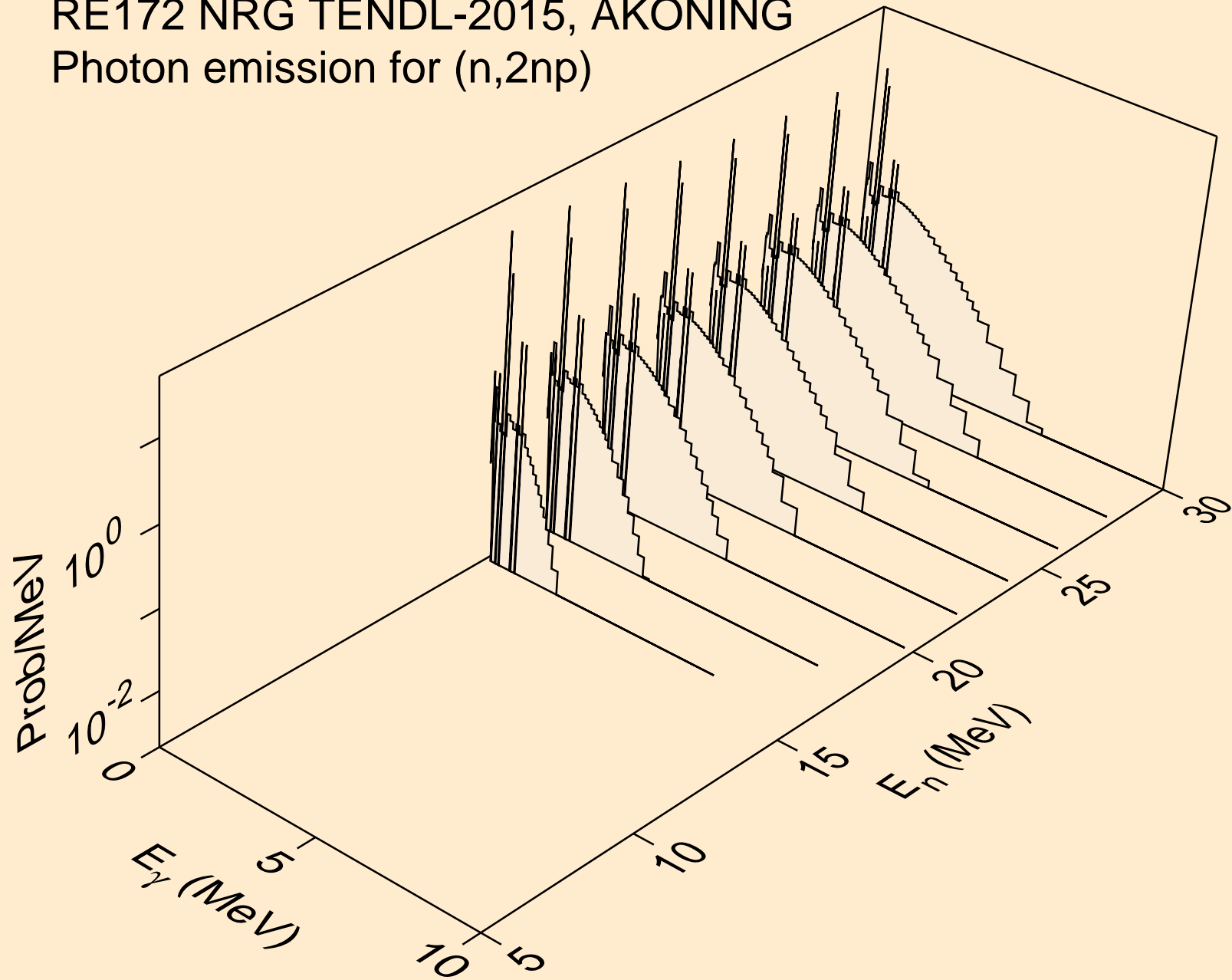




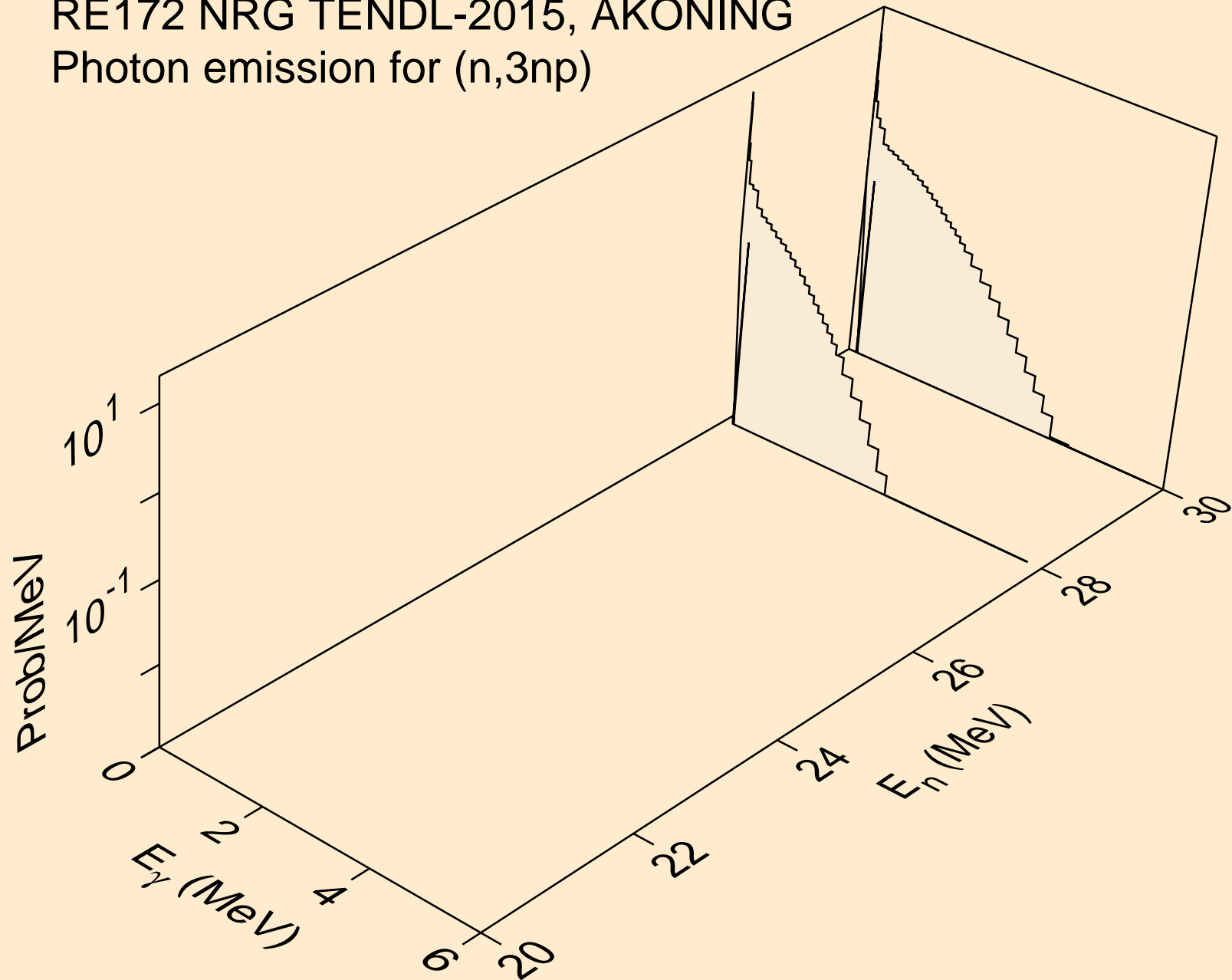
RE172 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



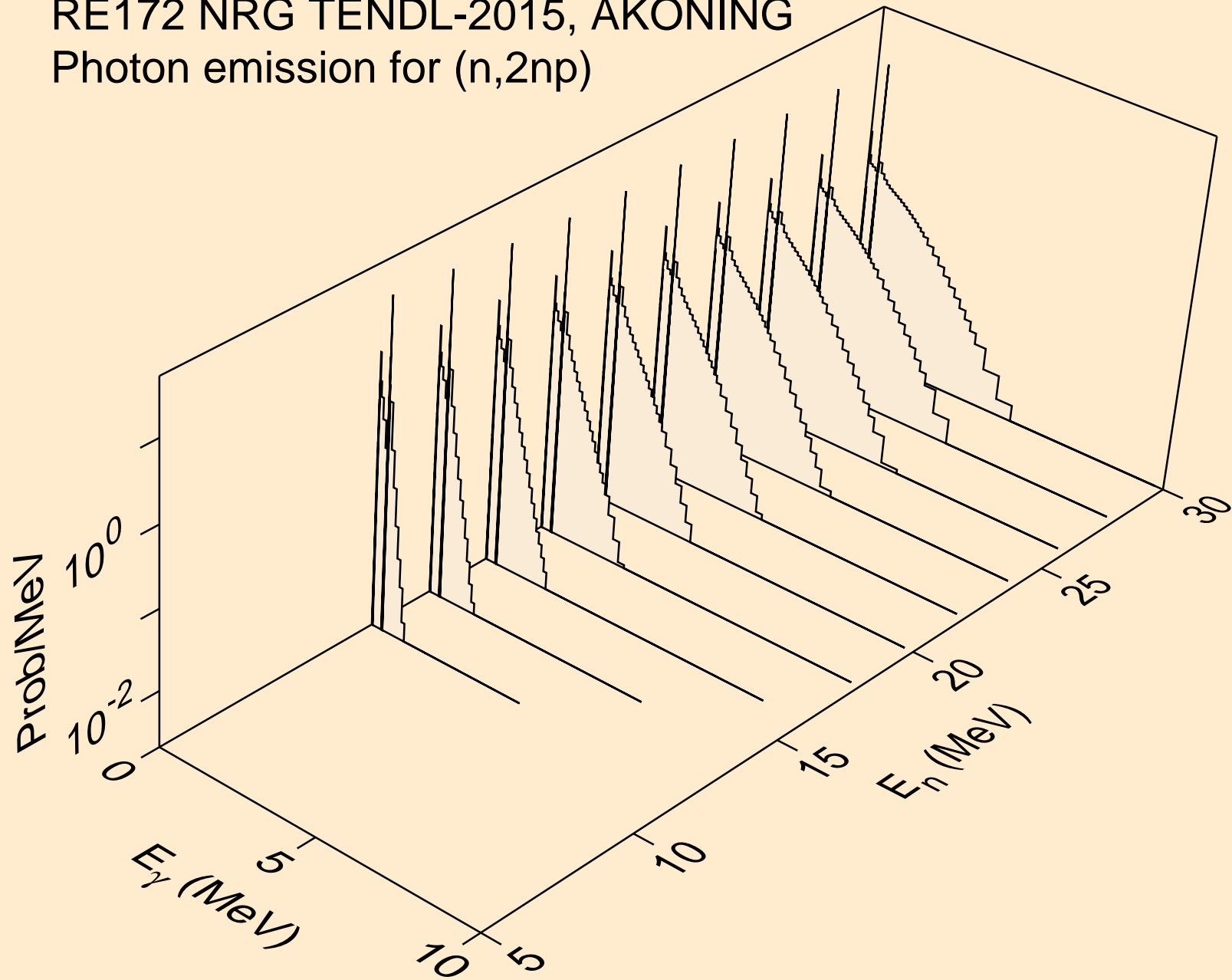
RE172 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



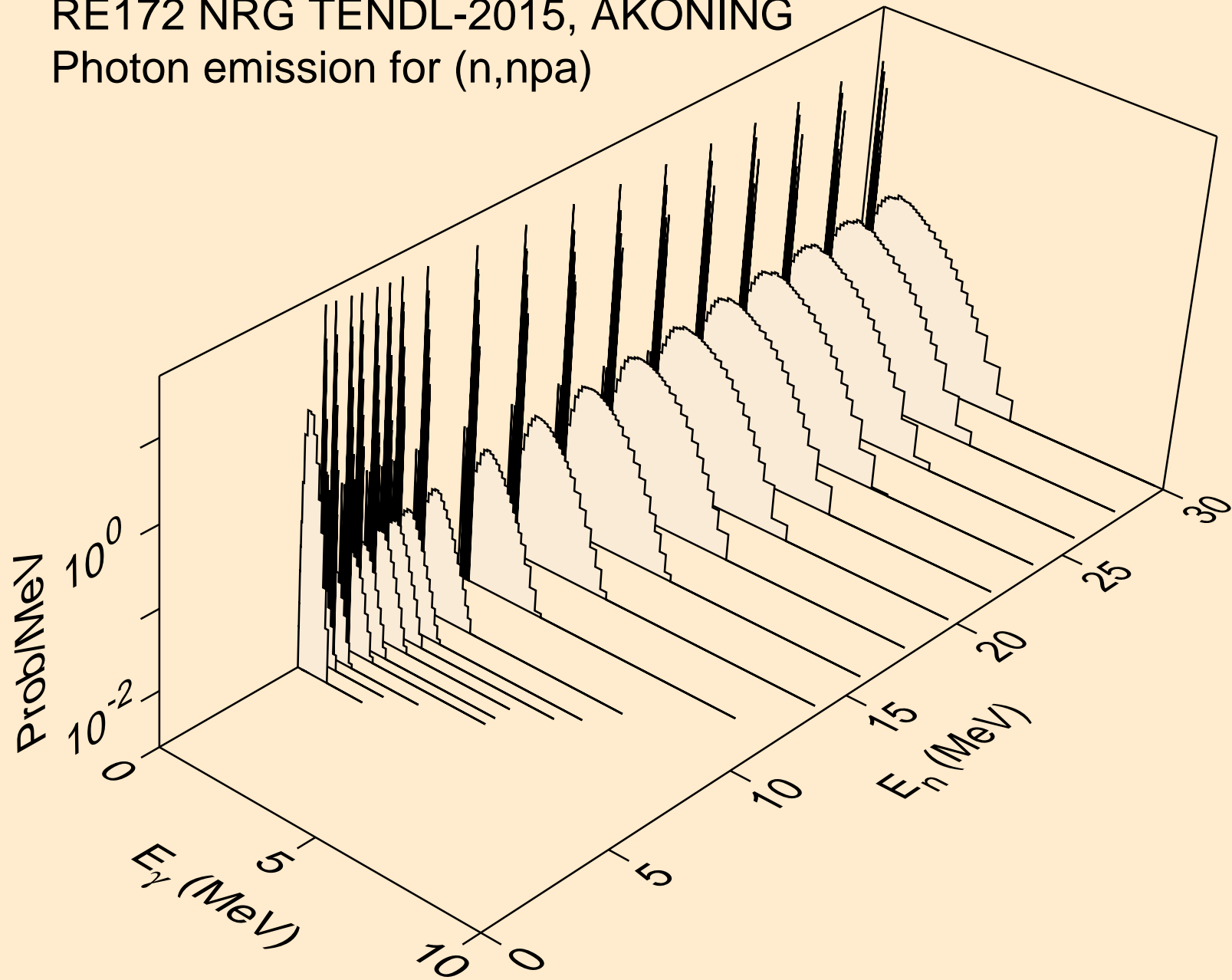
RE172 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



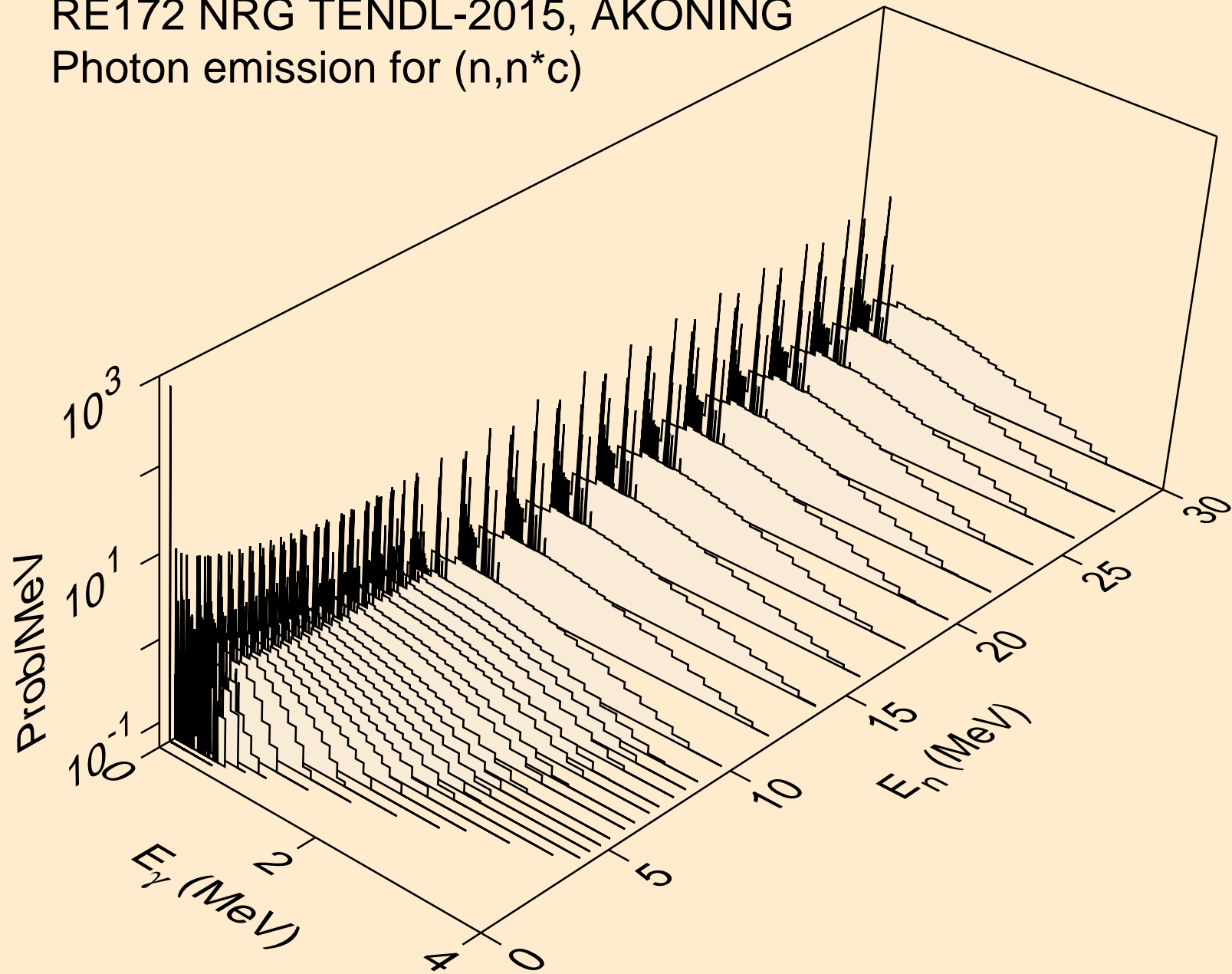
RE172 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



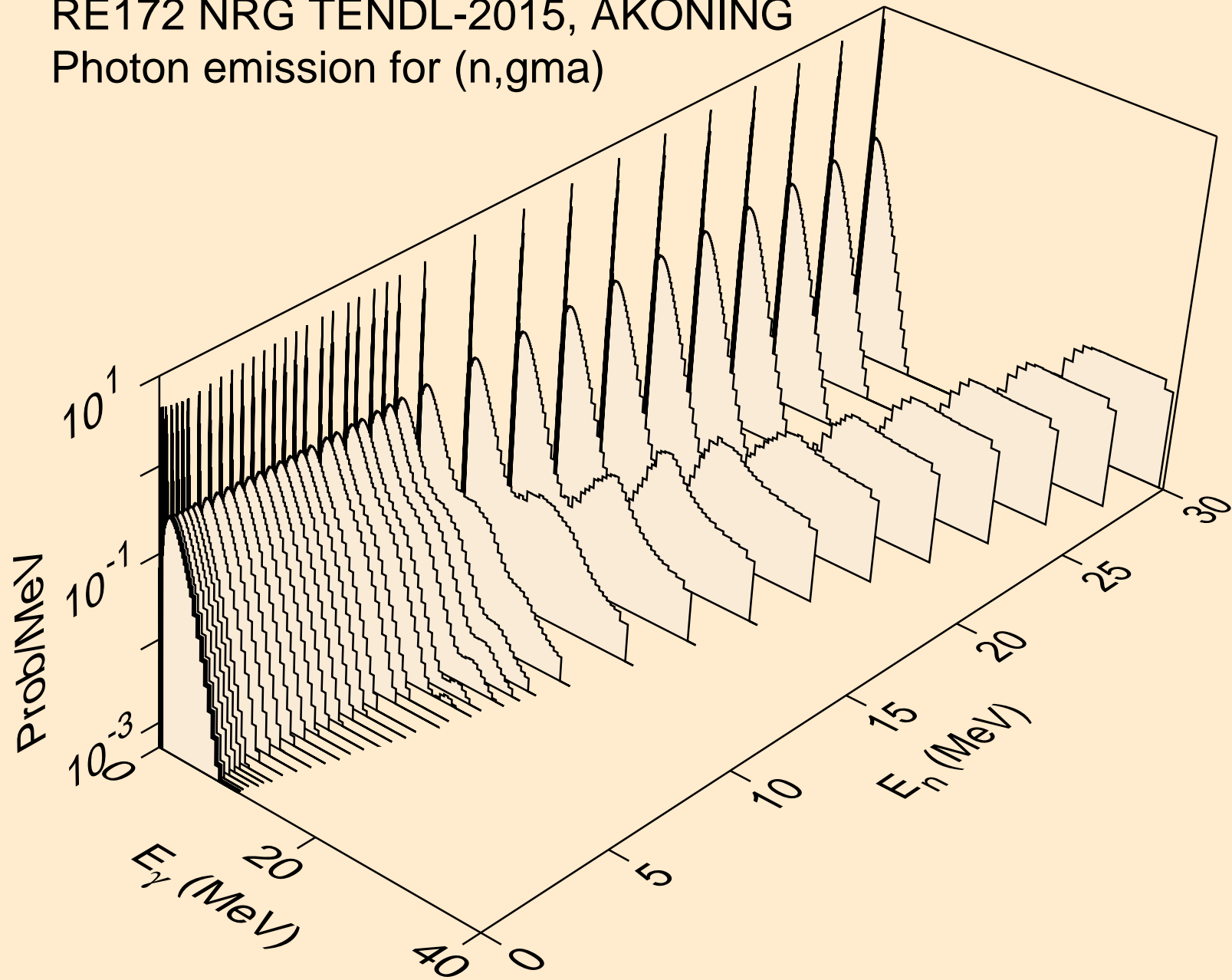
RE172 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



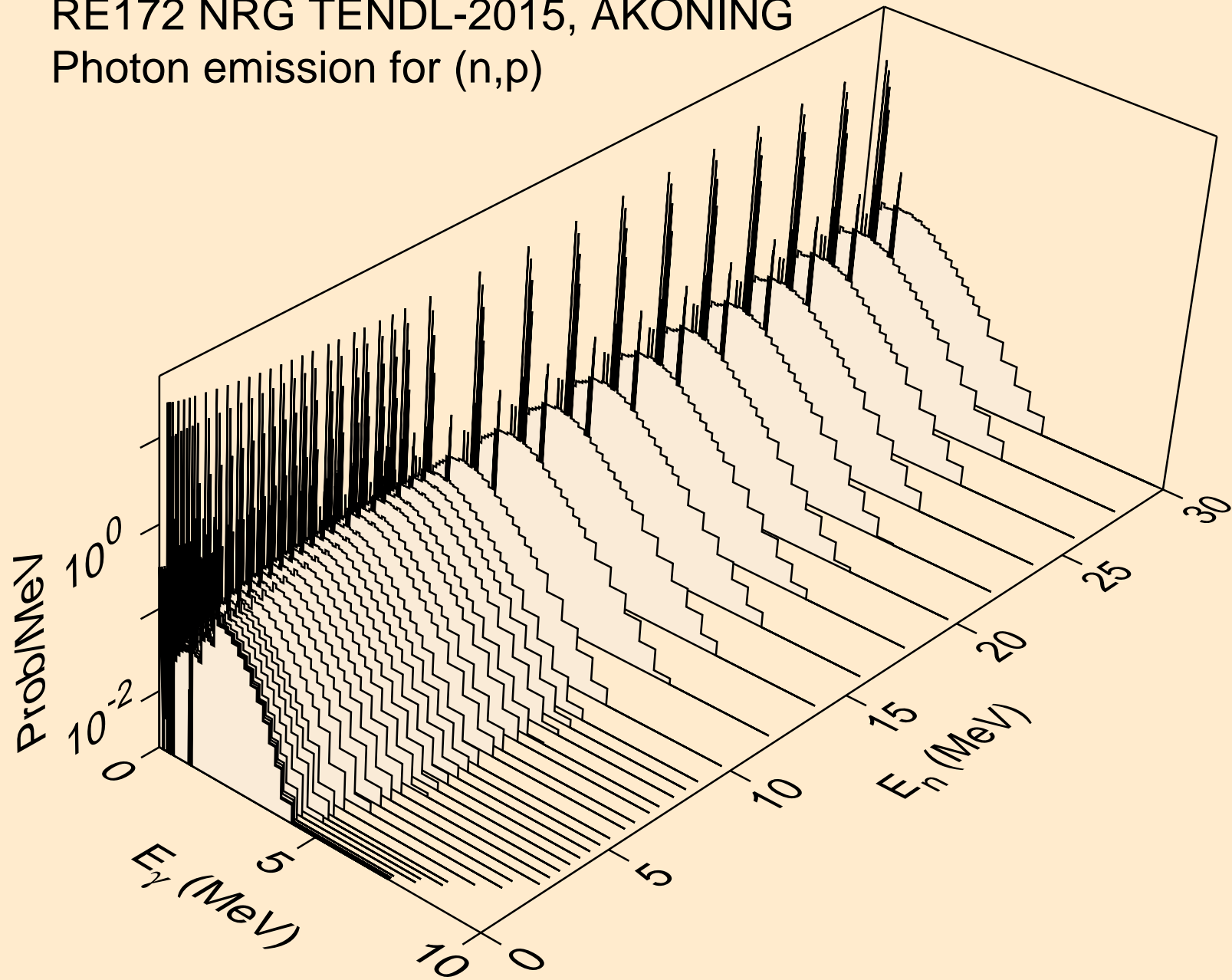
RE172 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



RE172 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

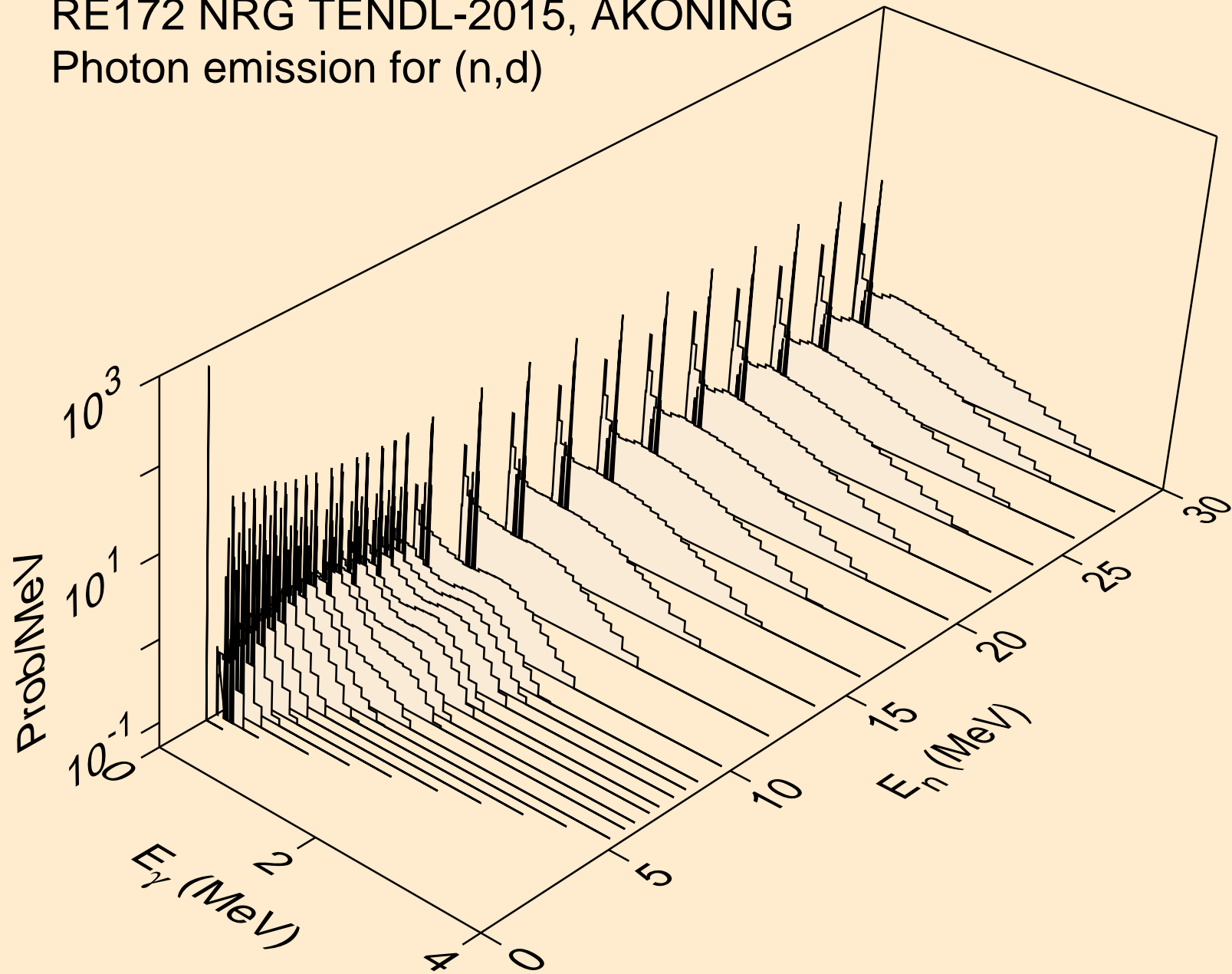


RE172 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

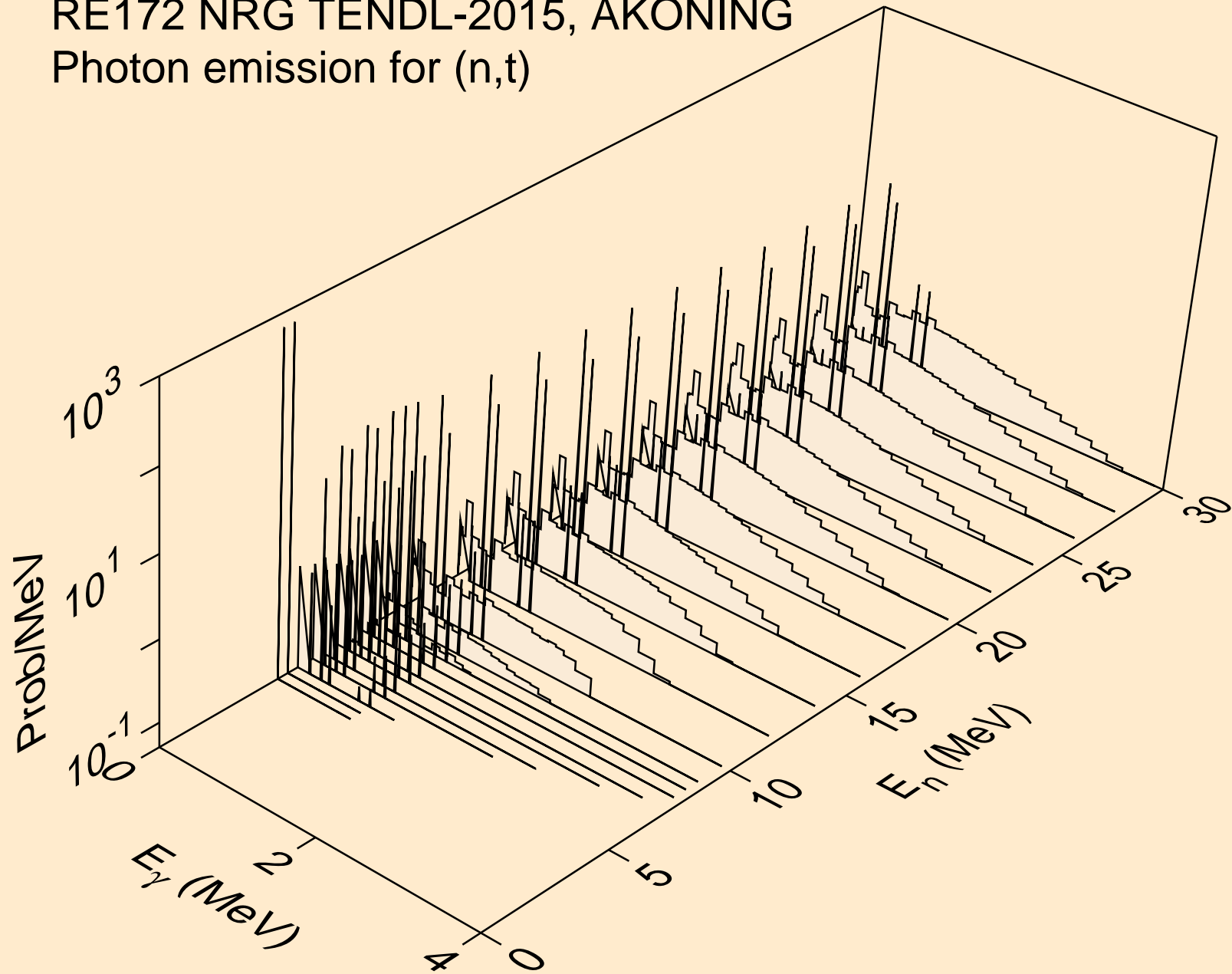




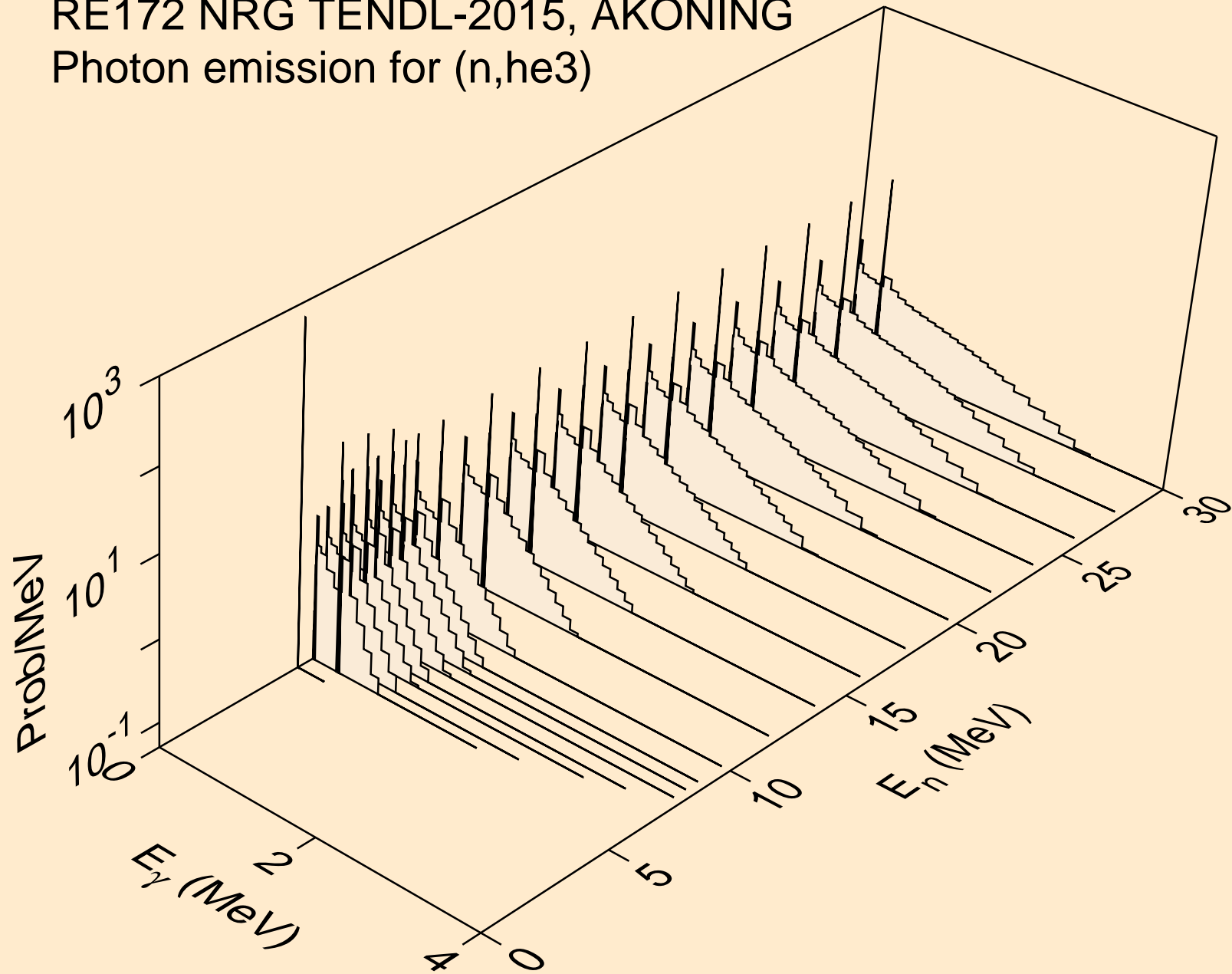
RE172 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



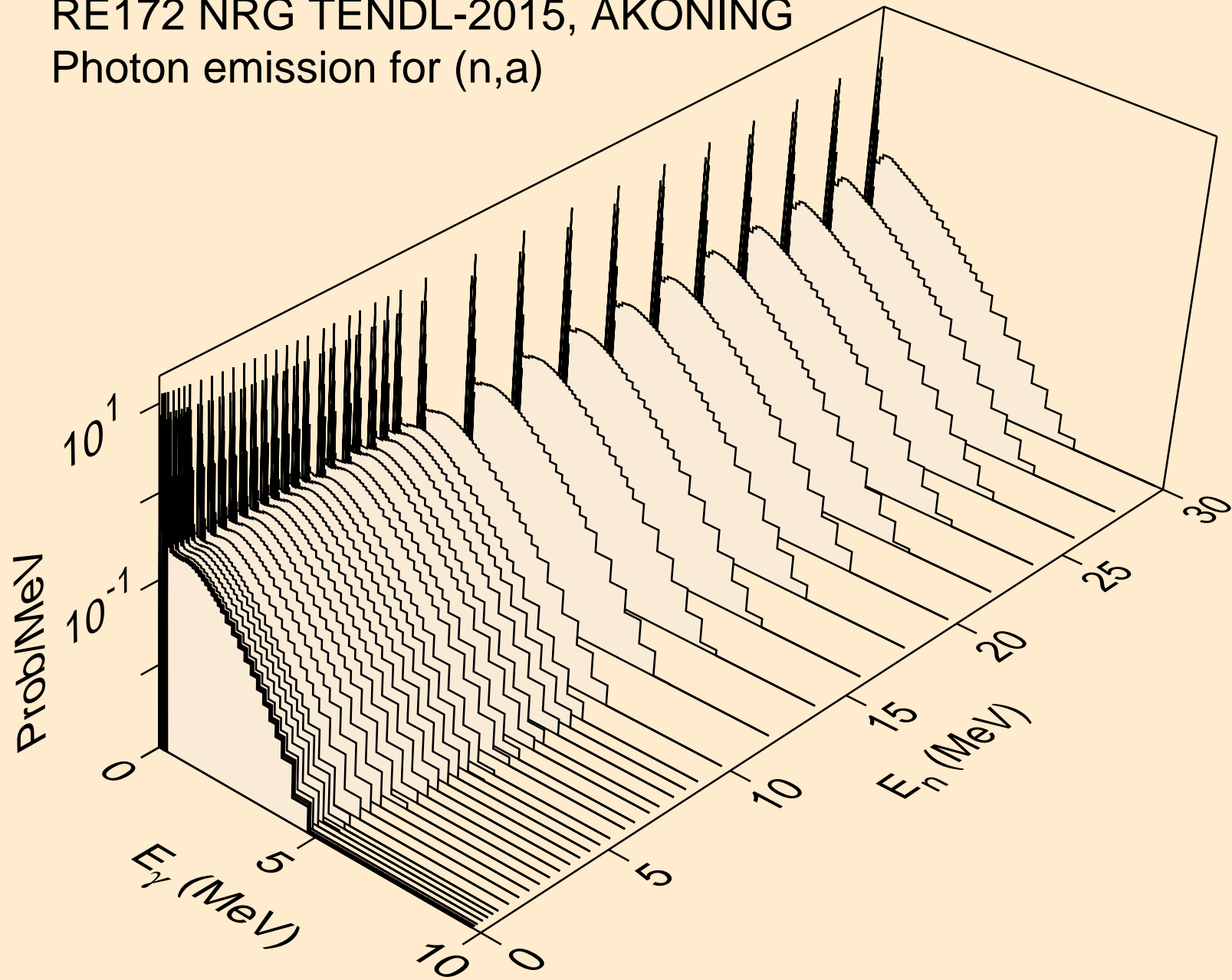
RE172 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



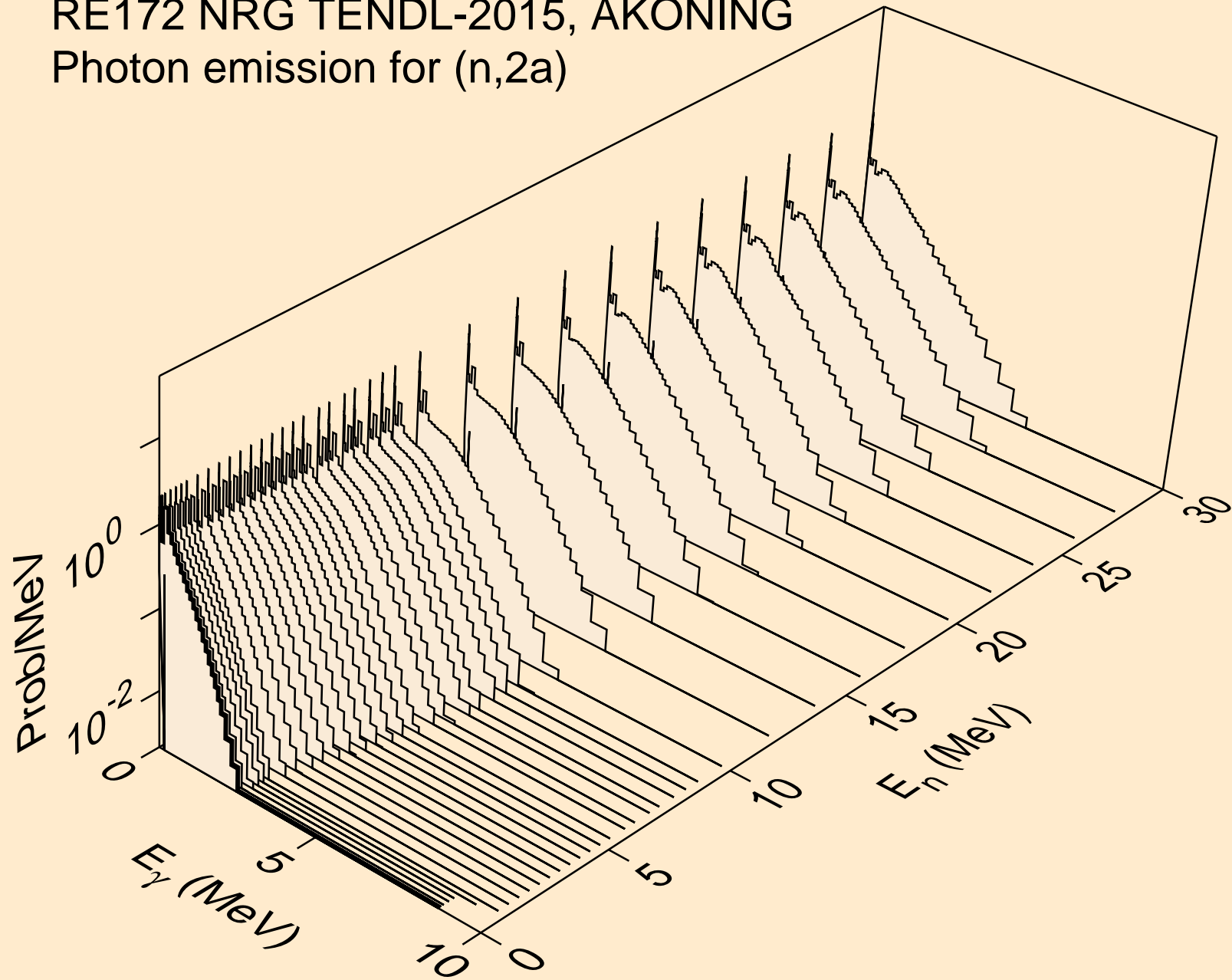
RE172 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



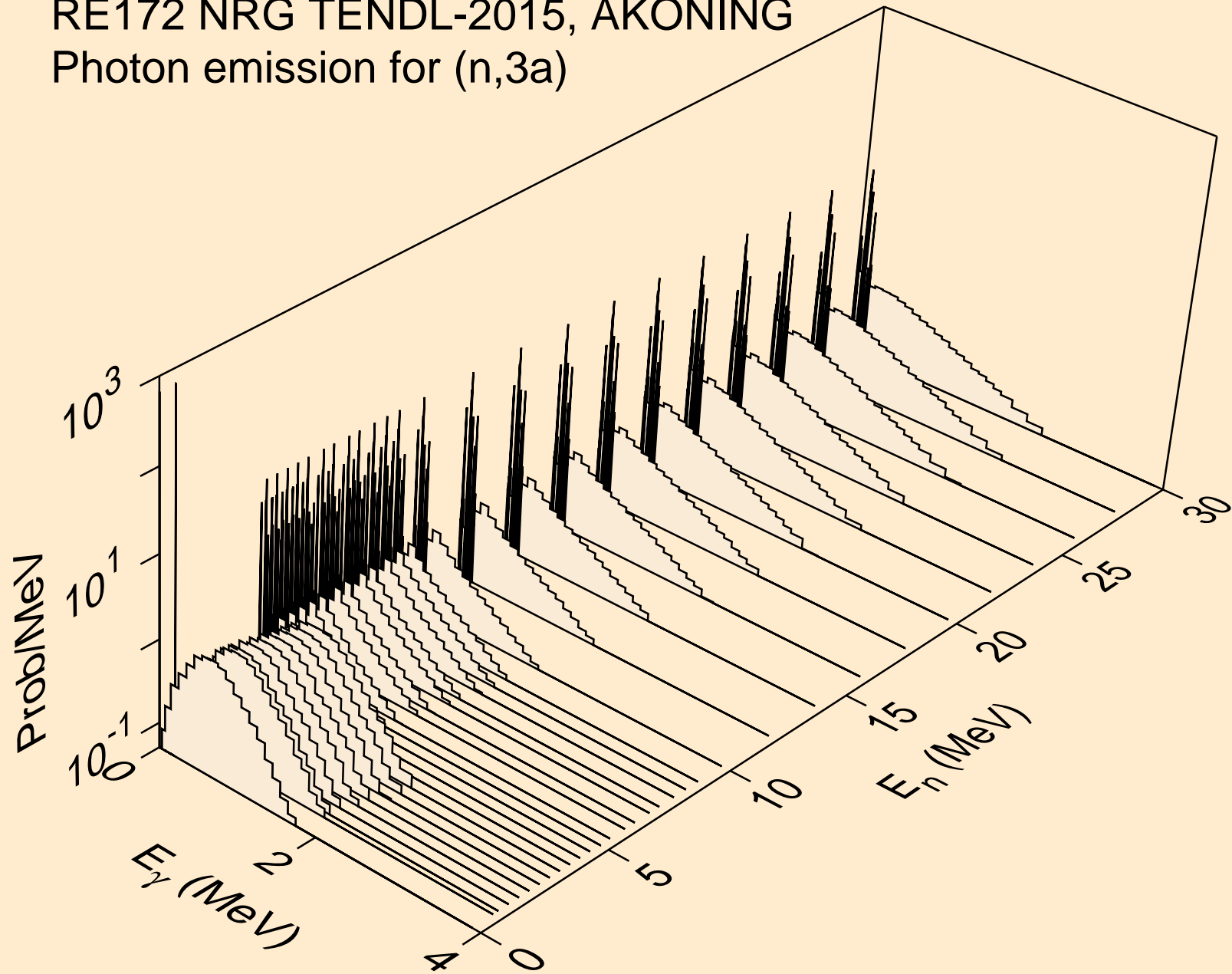
RE172 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



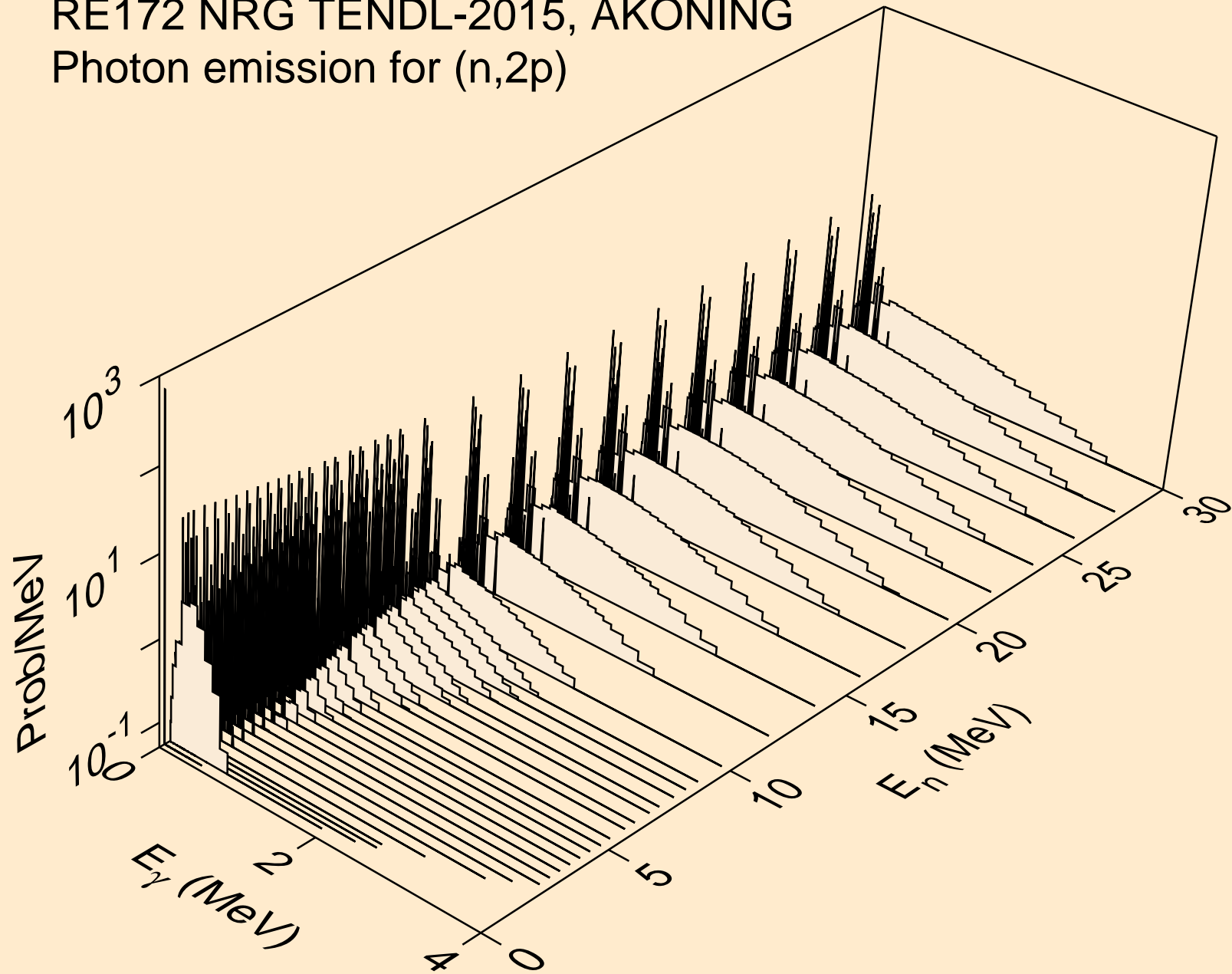
RE172 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



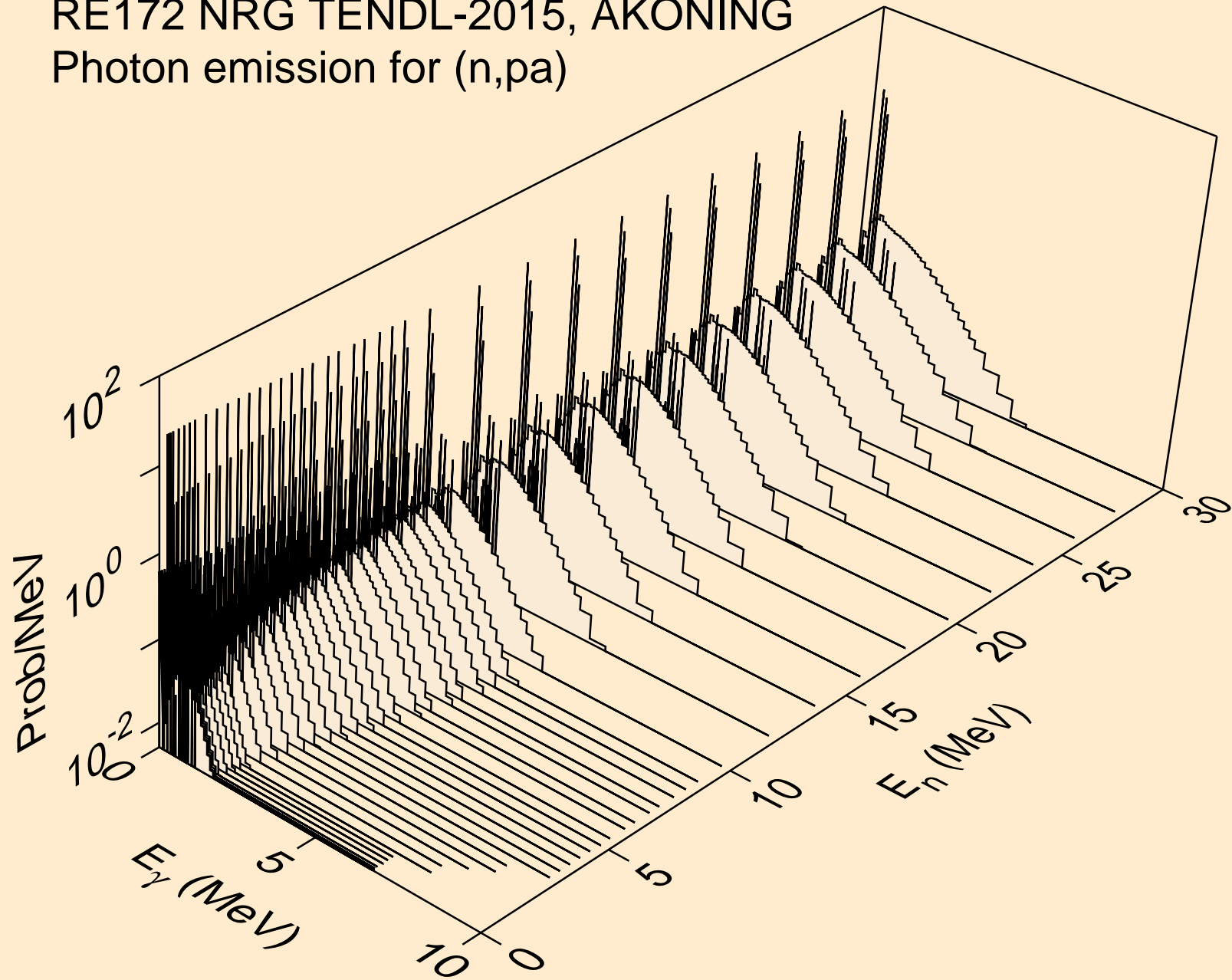
RE172 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



RE172 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

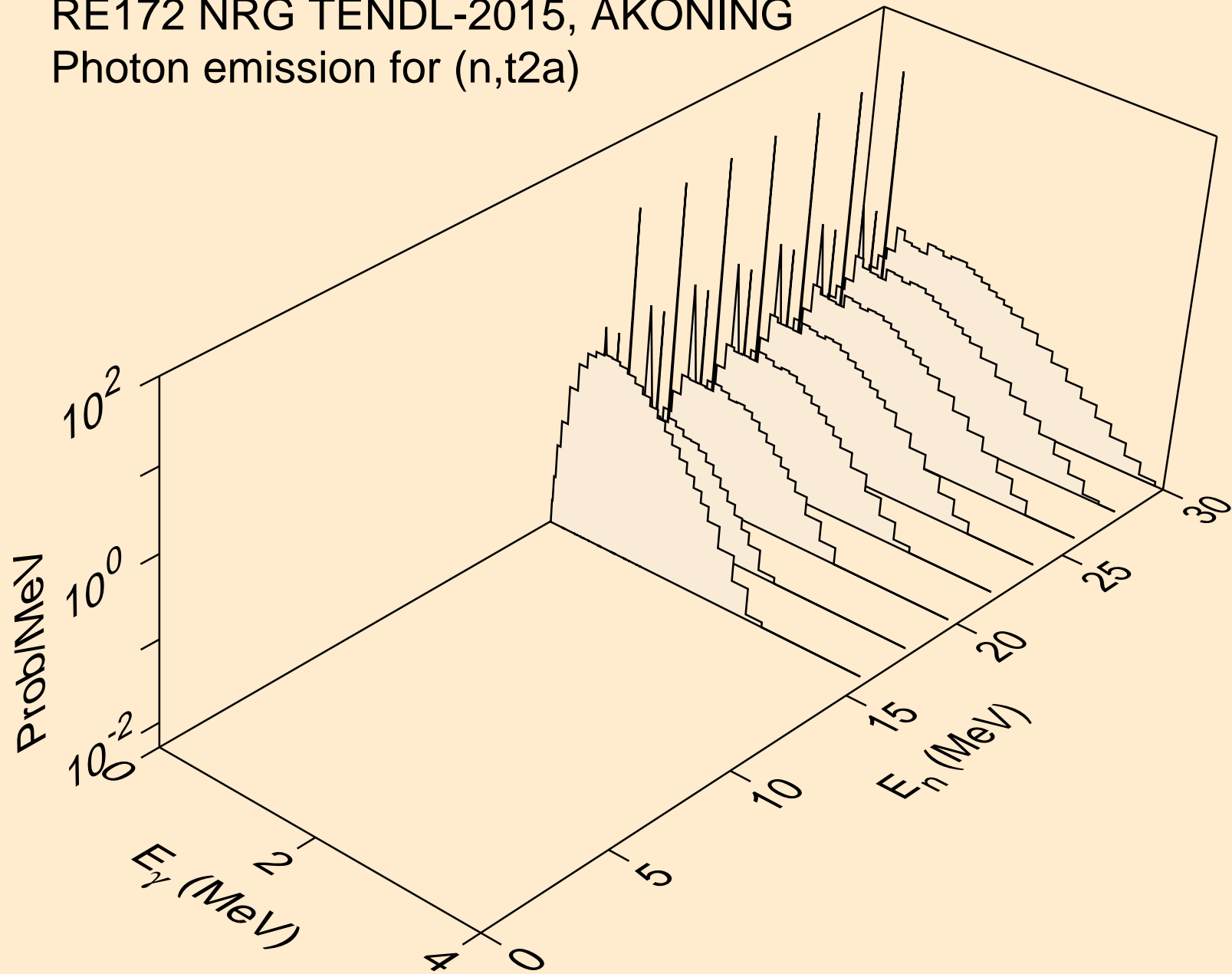


RE172 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )

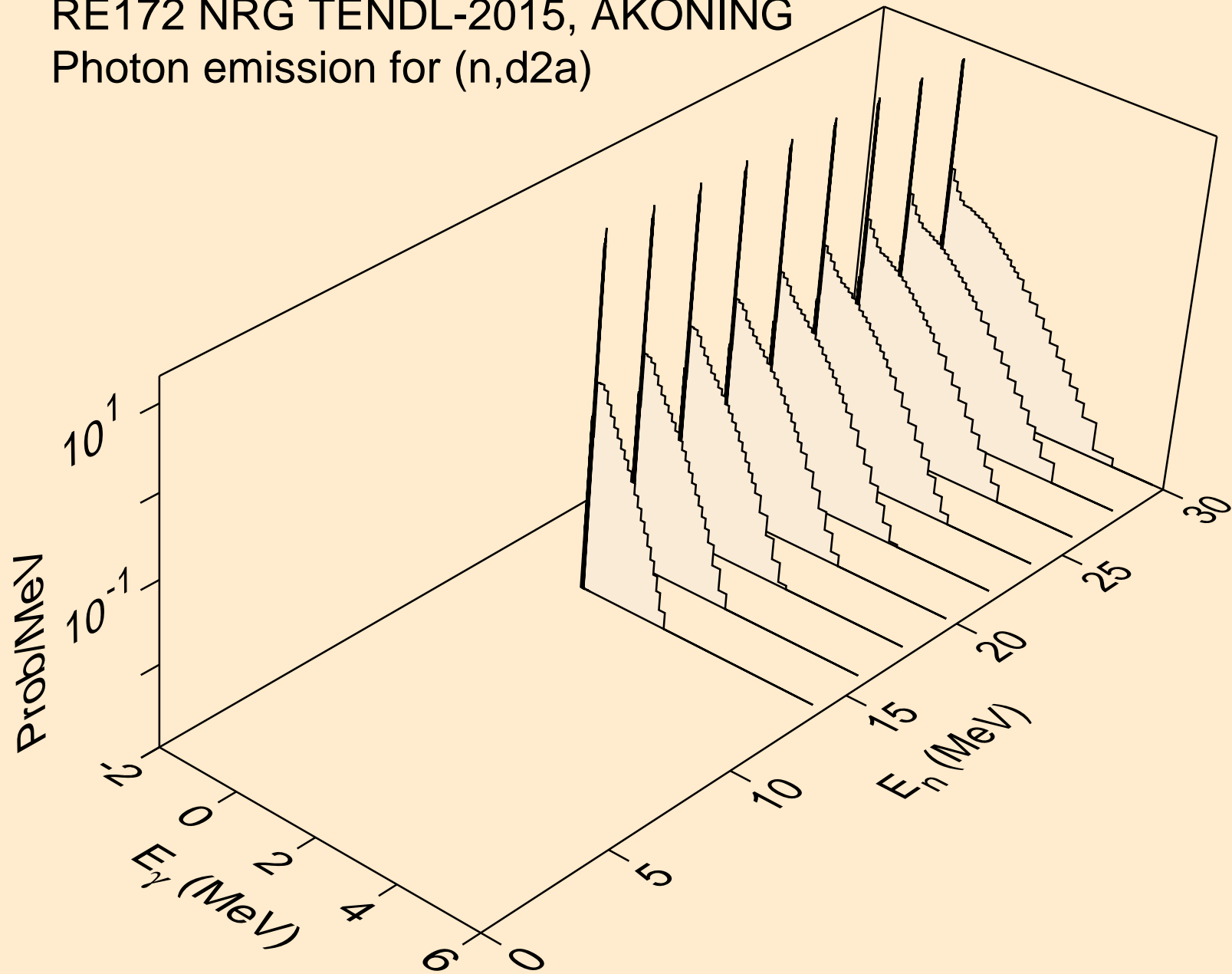




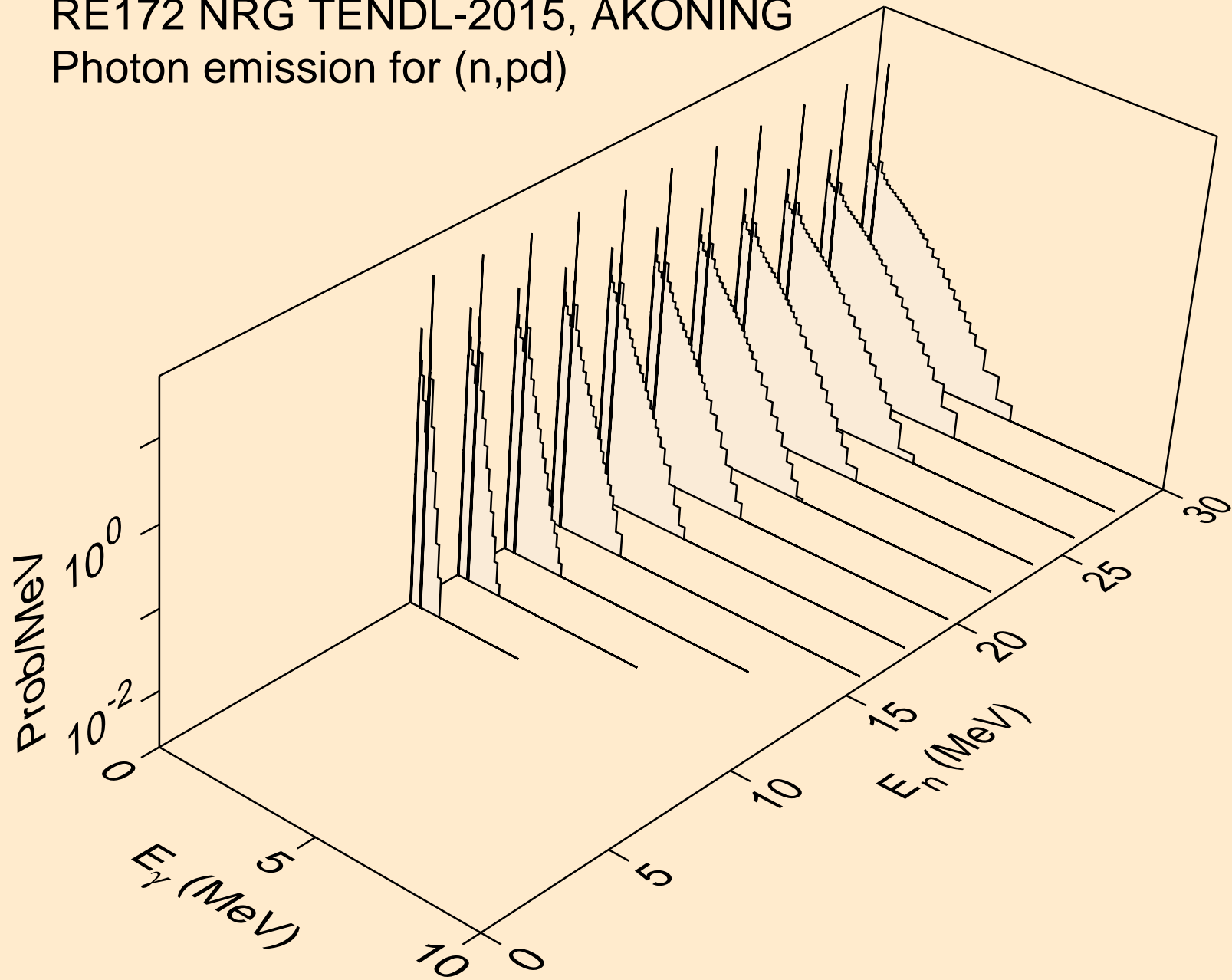
RE172 NRG TENDL-2015, AKONING  
Photon emission for (n,t2a)



RE172 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)

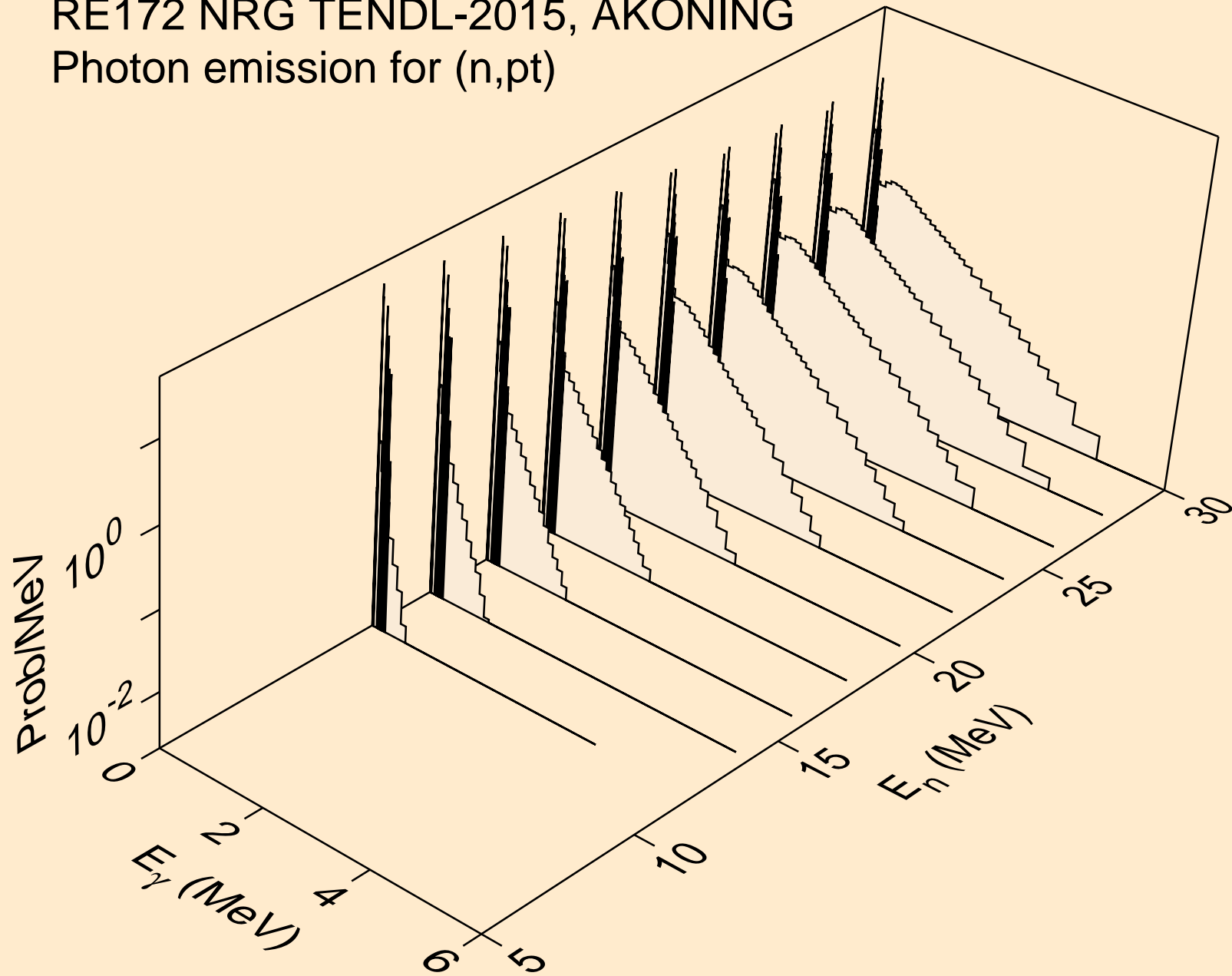


RE172 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

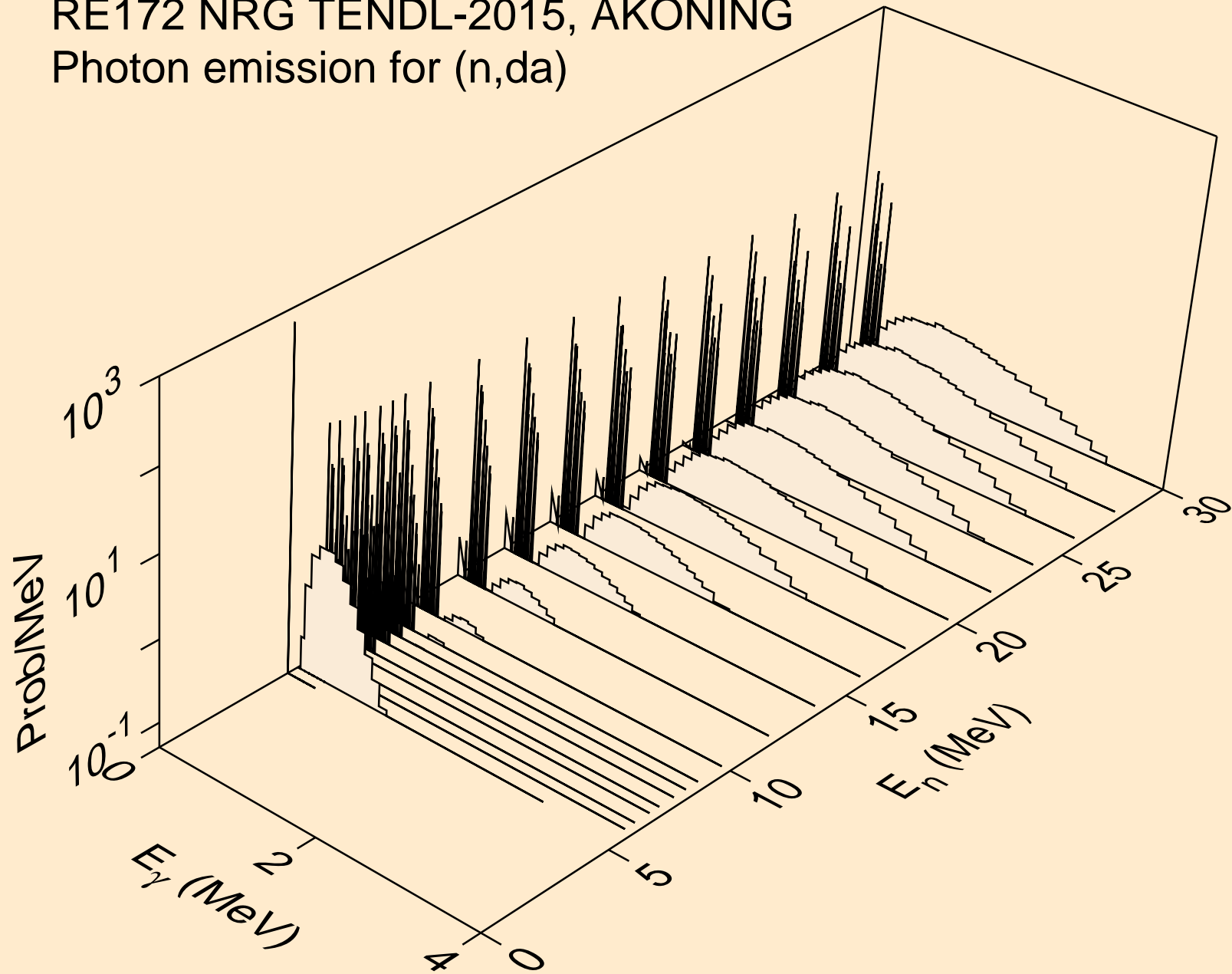


RE172 NRG TENDL-2015, AKONING

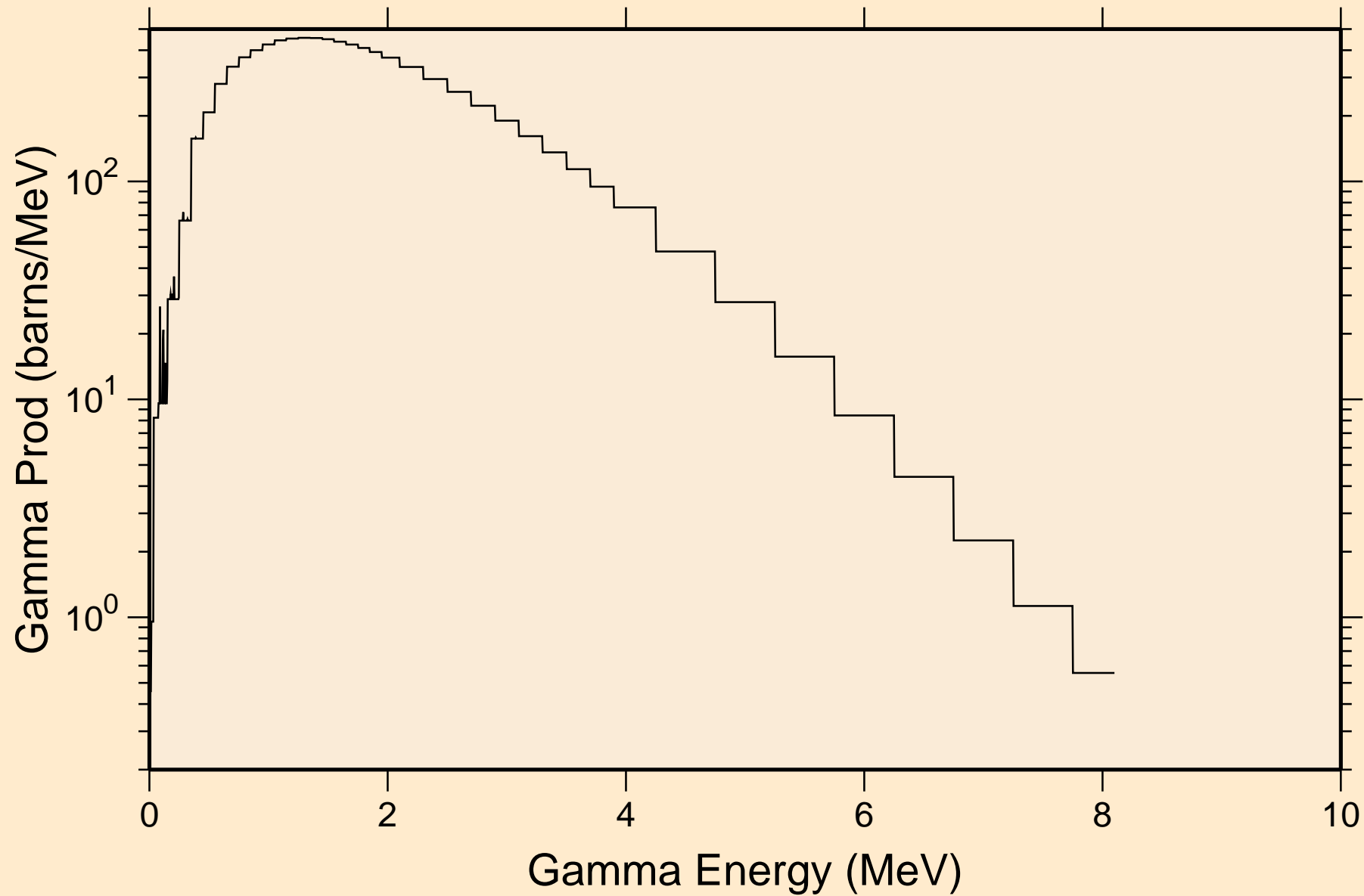
Photon emission for (n,pt)



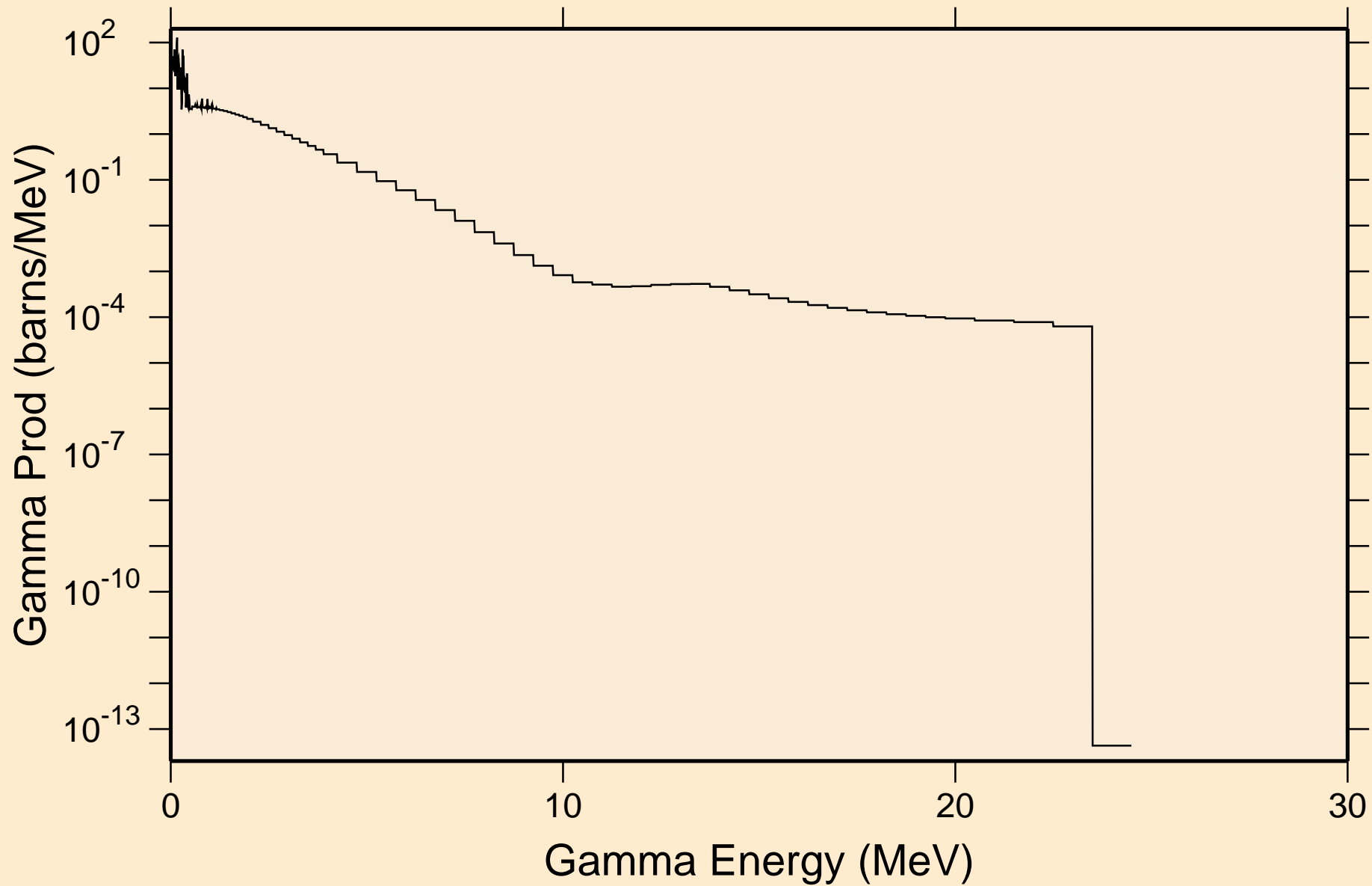
RE172 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



RE172 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

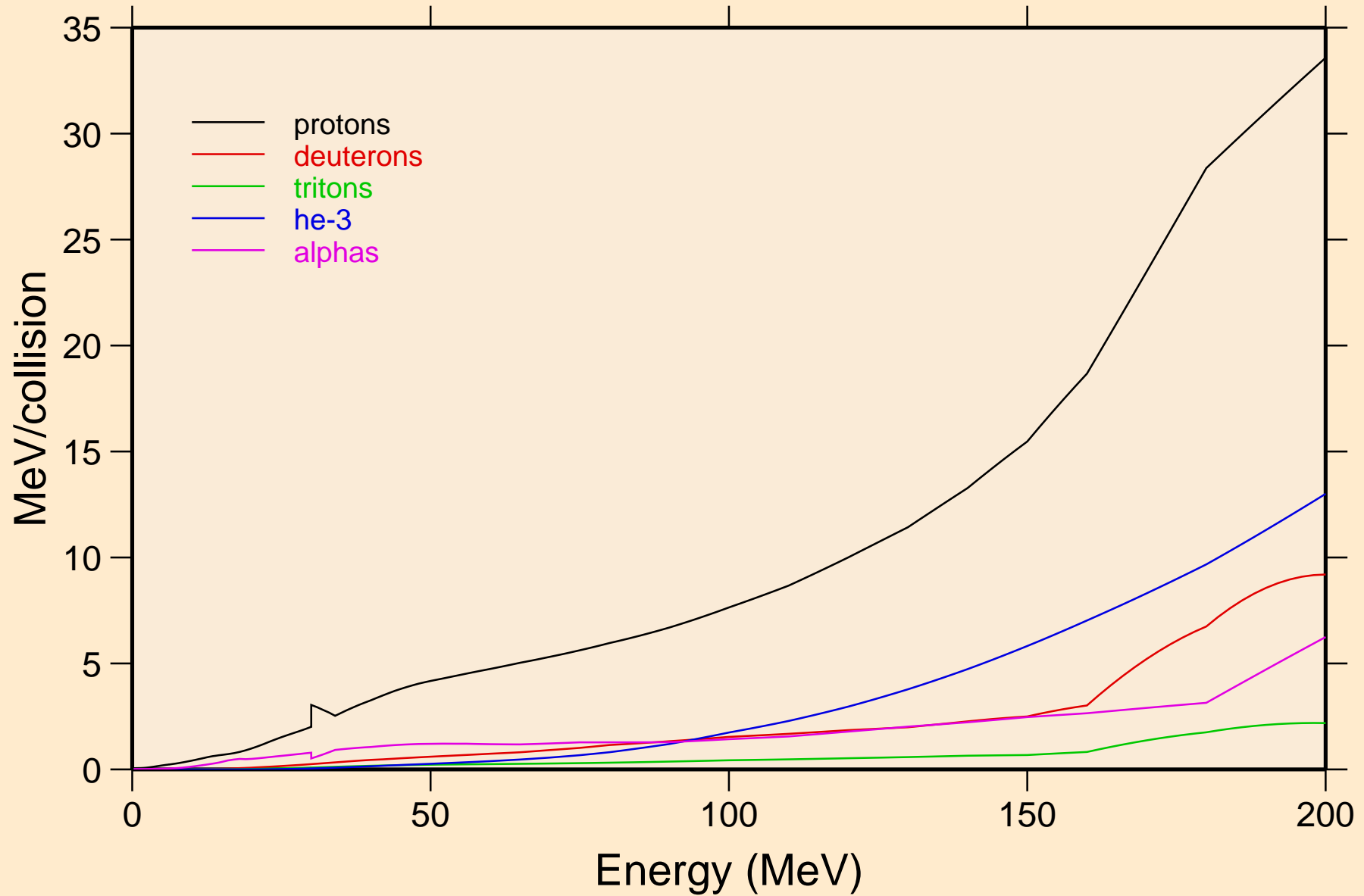


RE172 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



# RE172 NRG TENDL-2015, AKONING

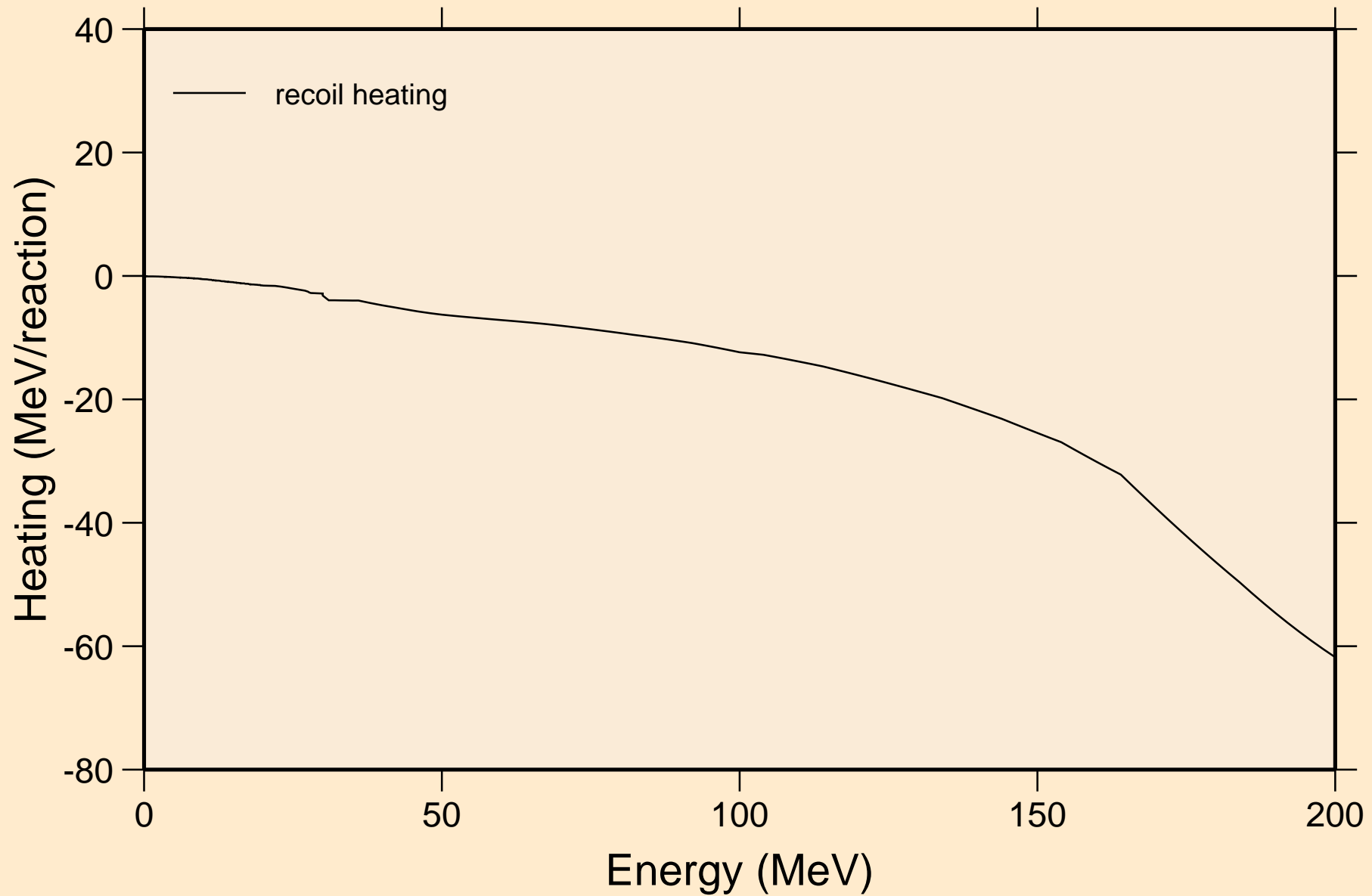
## Particle heating contributions





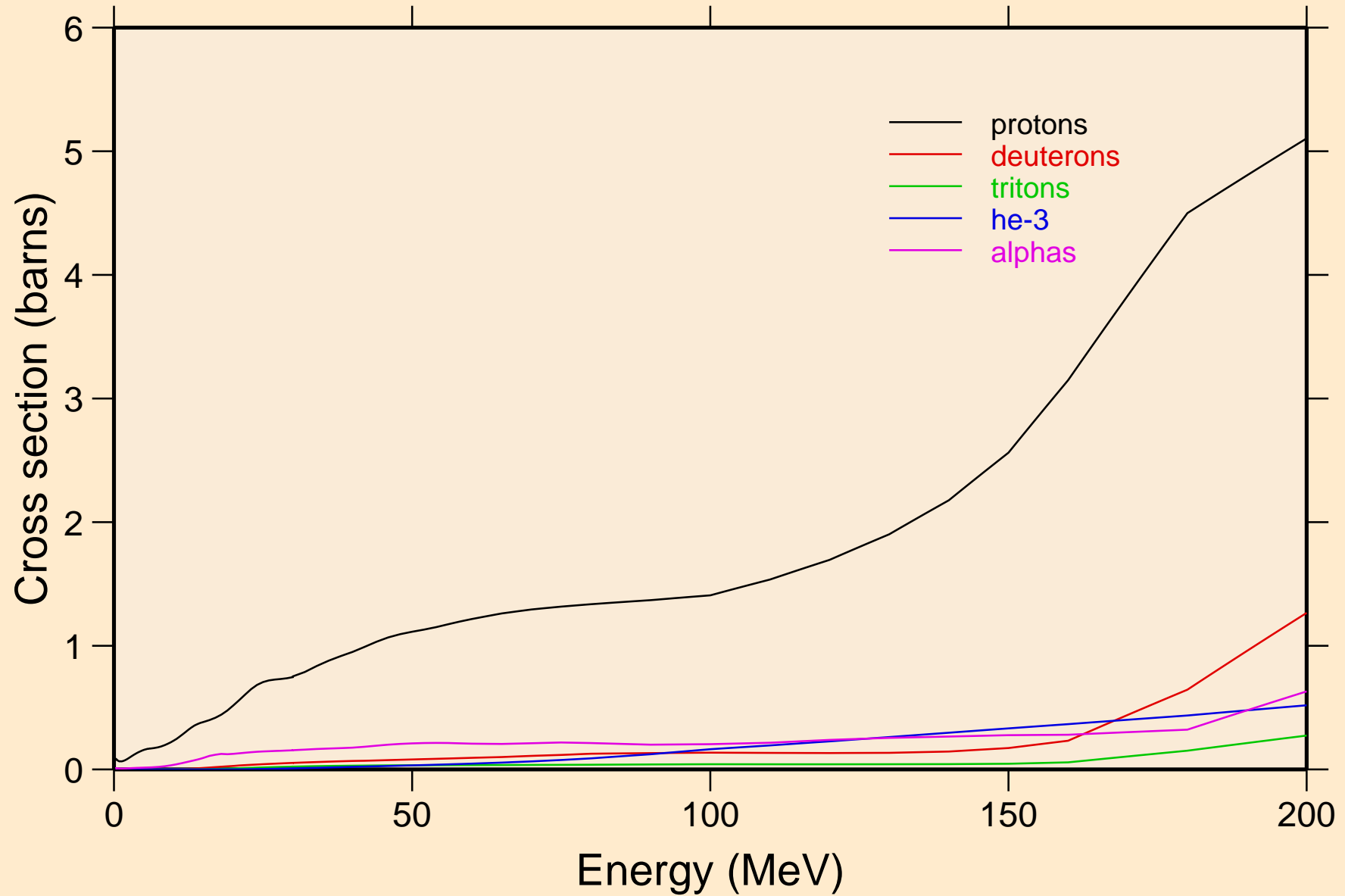
# RE172 NRG TENDL-2015, AKONING

## Recoil Heating

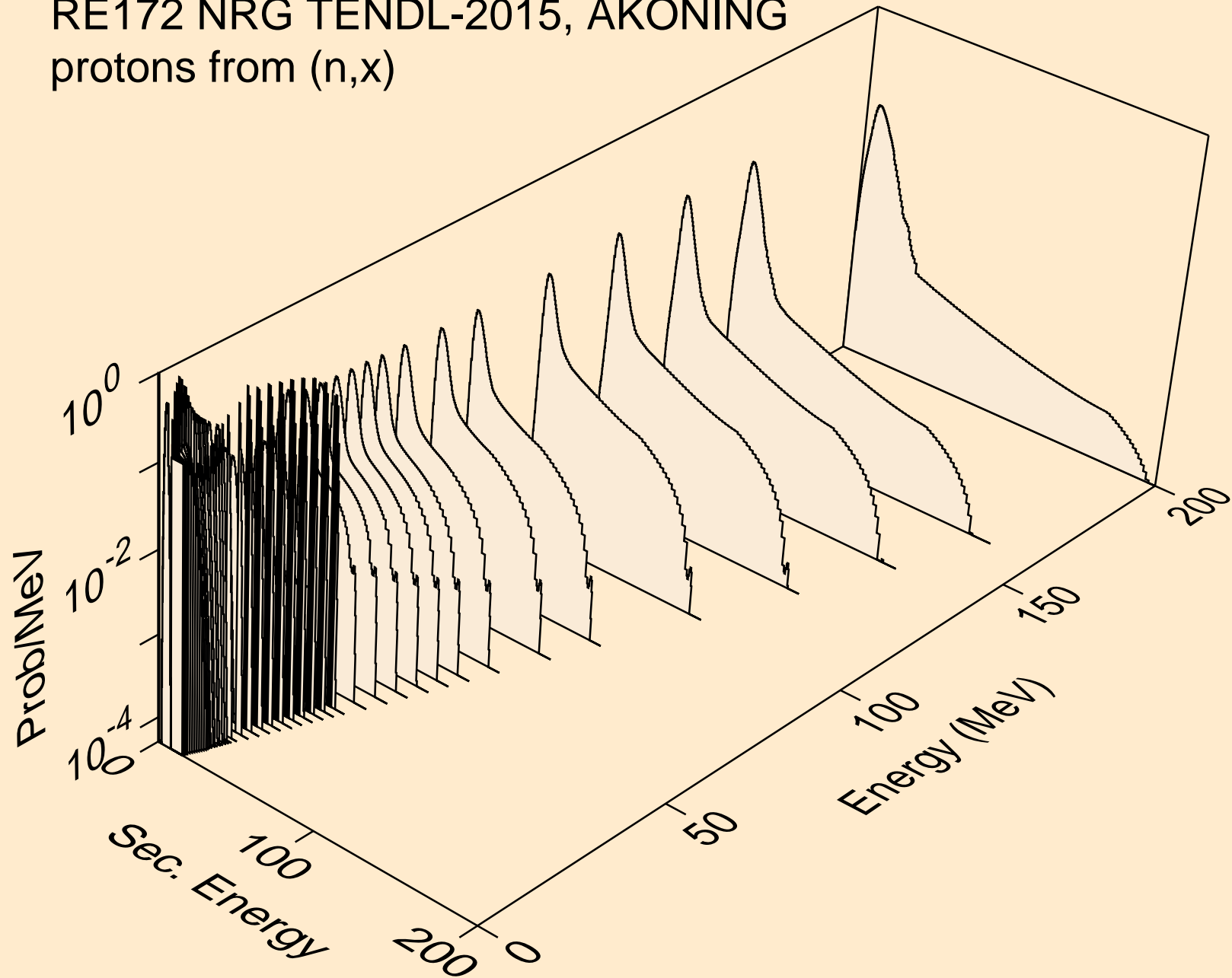


# RE172 NRG TENDL-2015, AKONING

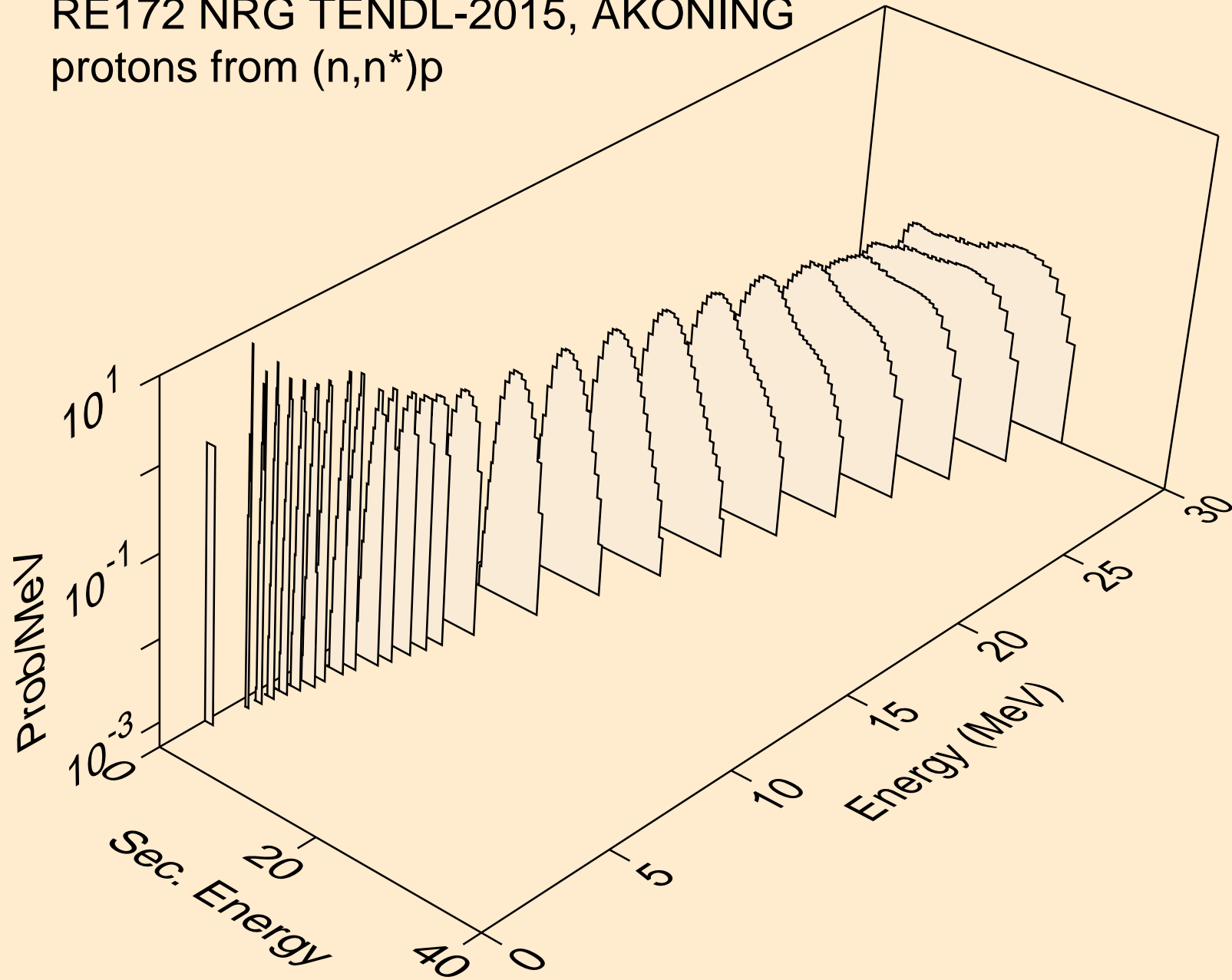
## Particle production cross sections



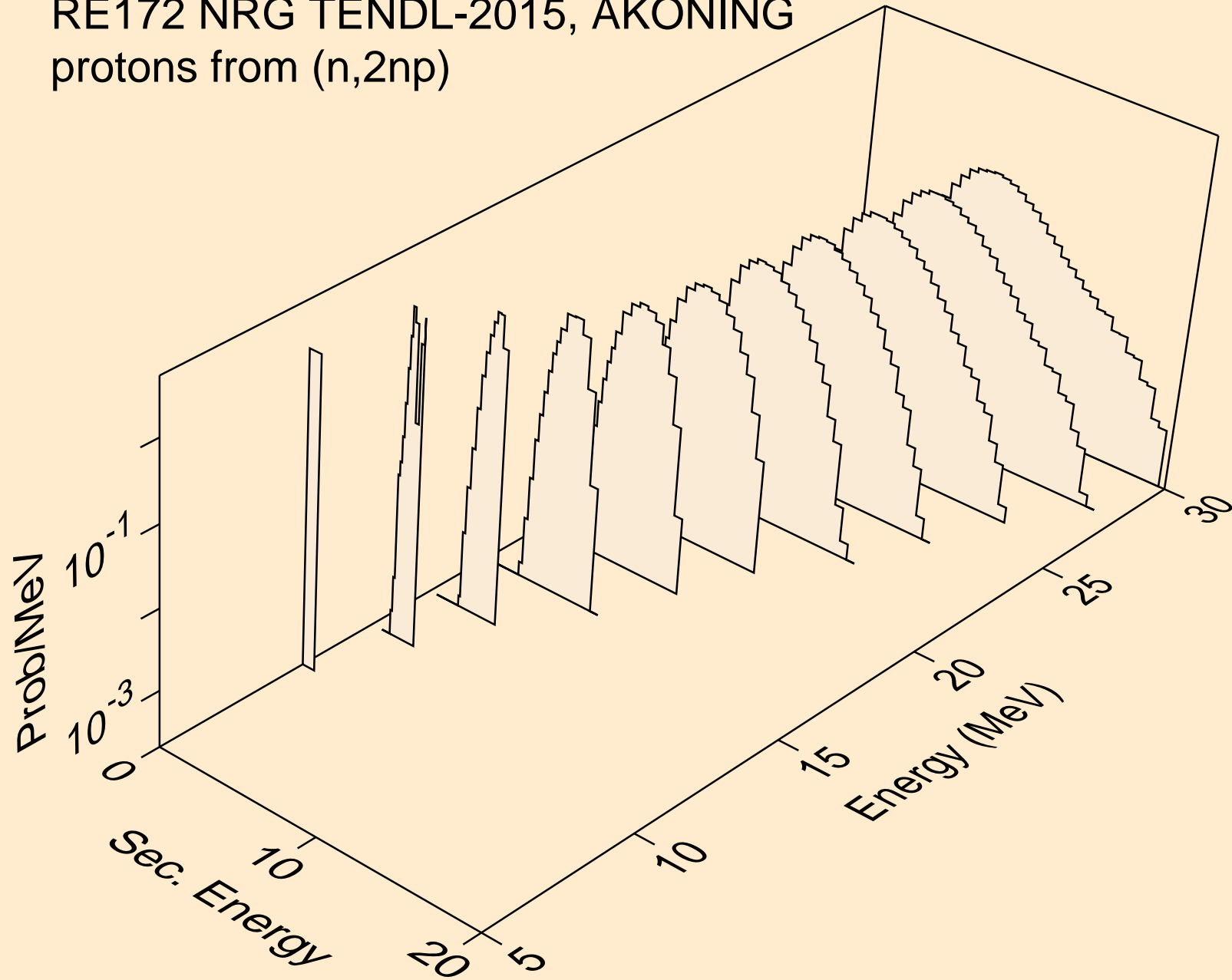
RE172 NRG TENDL-2015, AKONING  
protons from (n,x)



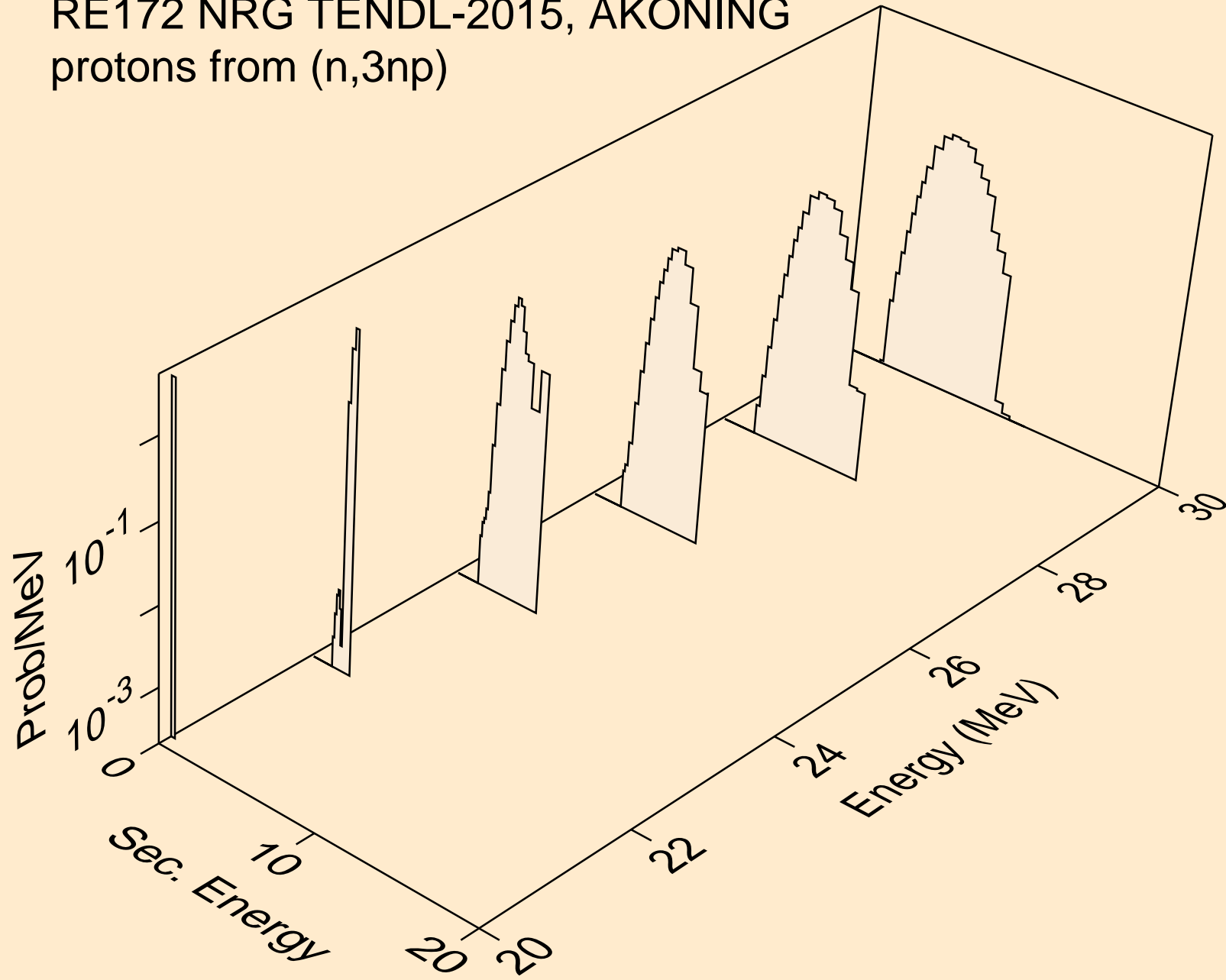
RE172 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



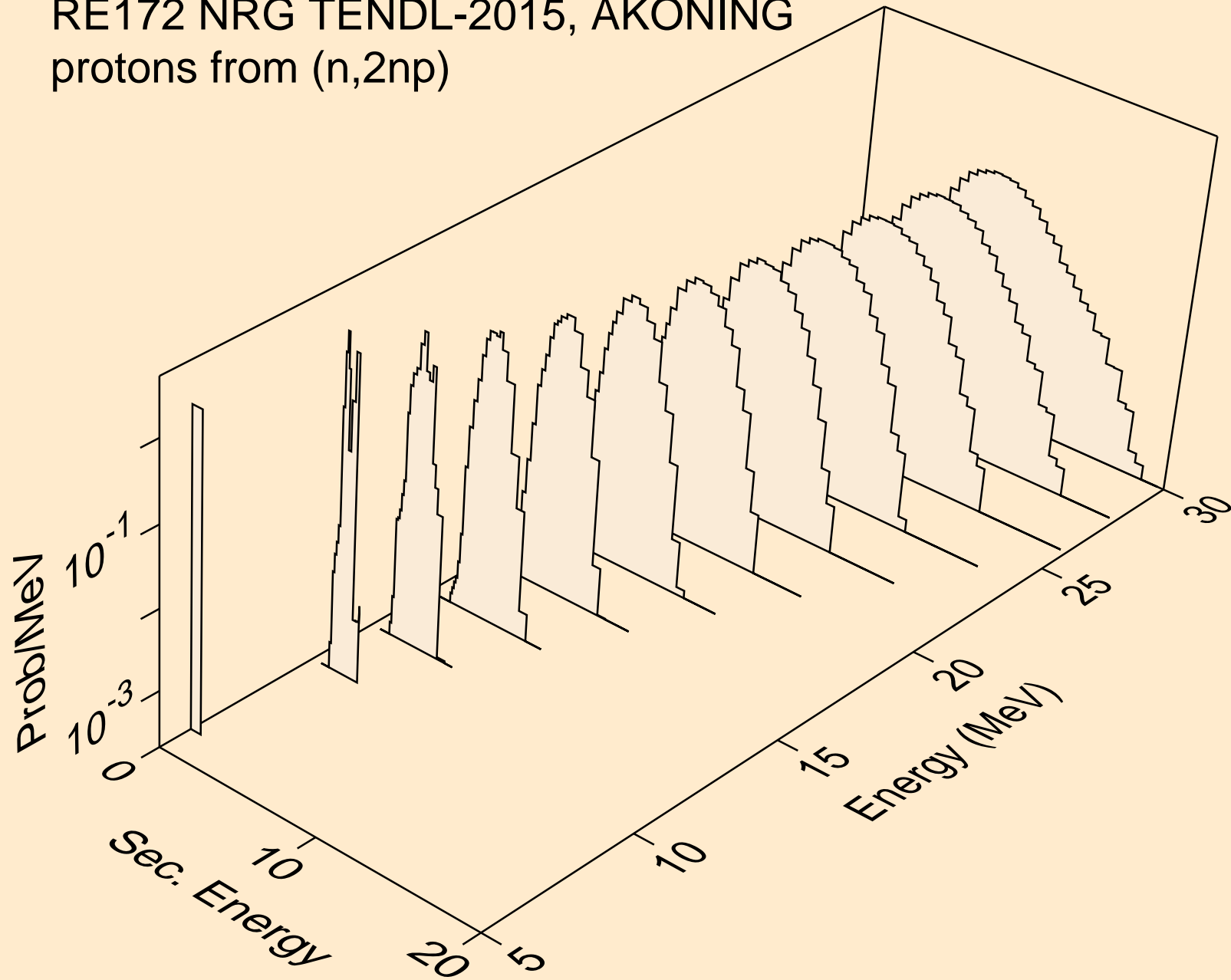
RE172 NRG TENDL-2015, AKONING  
protons from (n,2np)



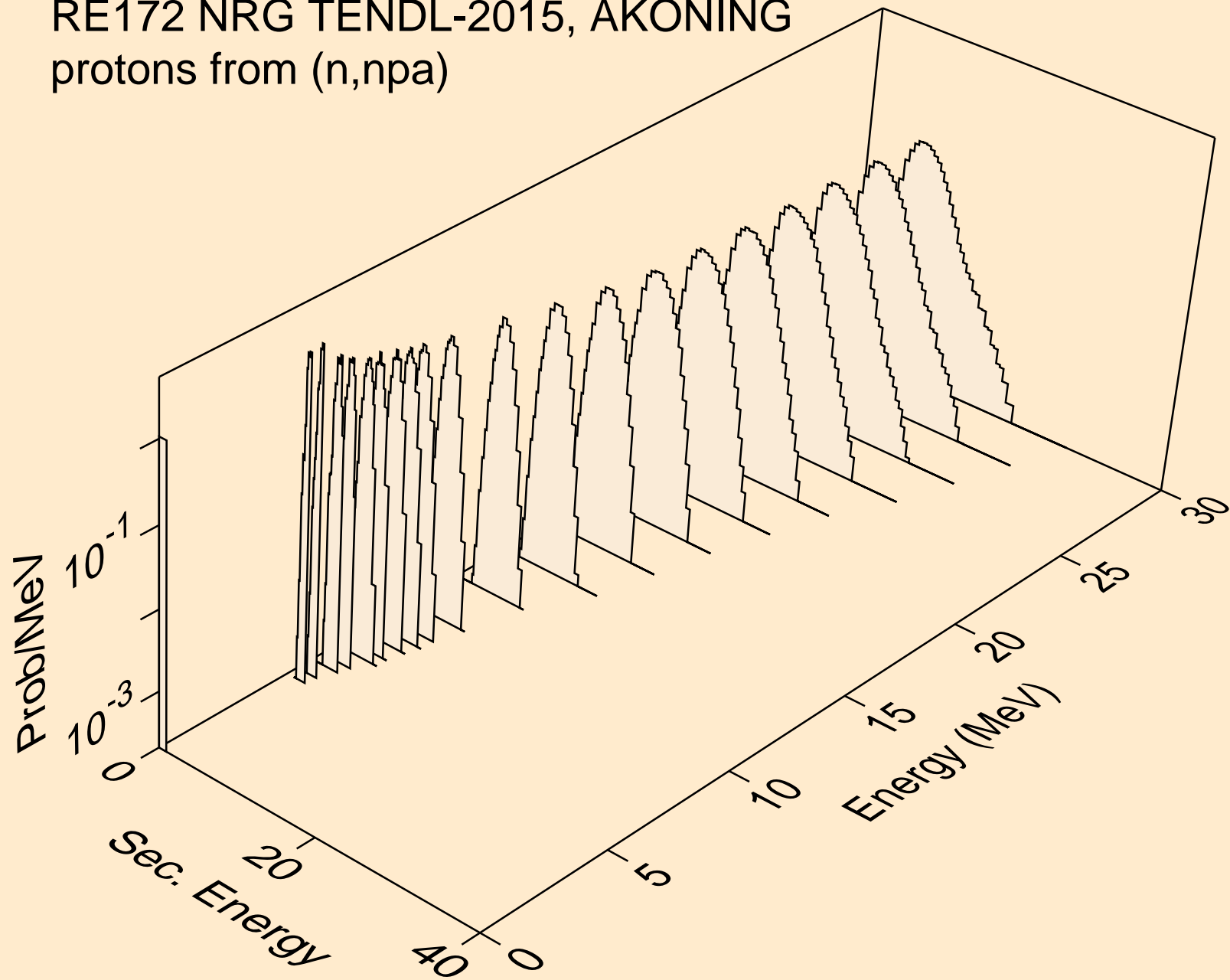
RE172 NRG TENDL-2015, AKONING  
protons from (n,3np)



RE172 NRG TENDL-2015, AKONING  
protons from (n,2np)

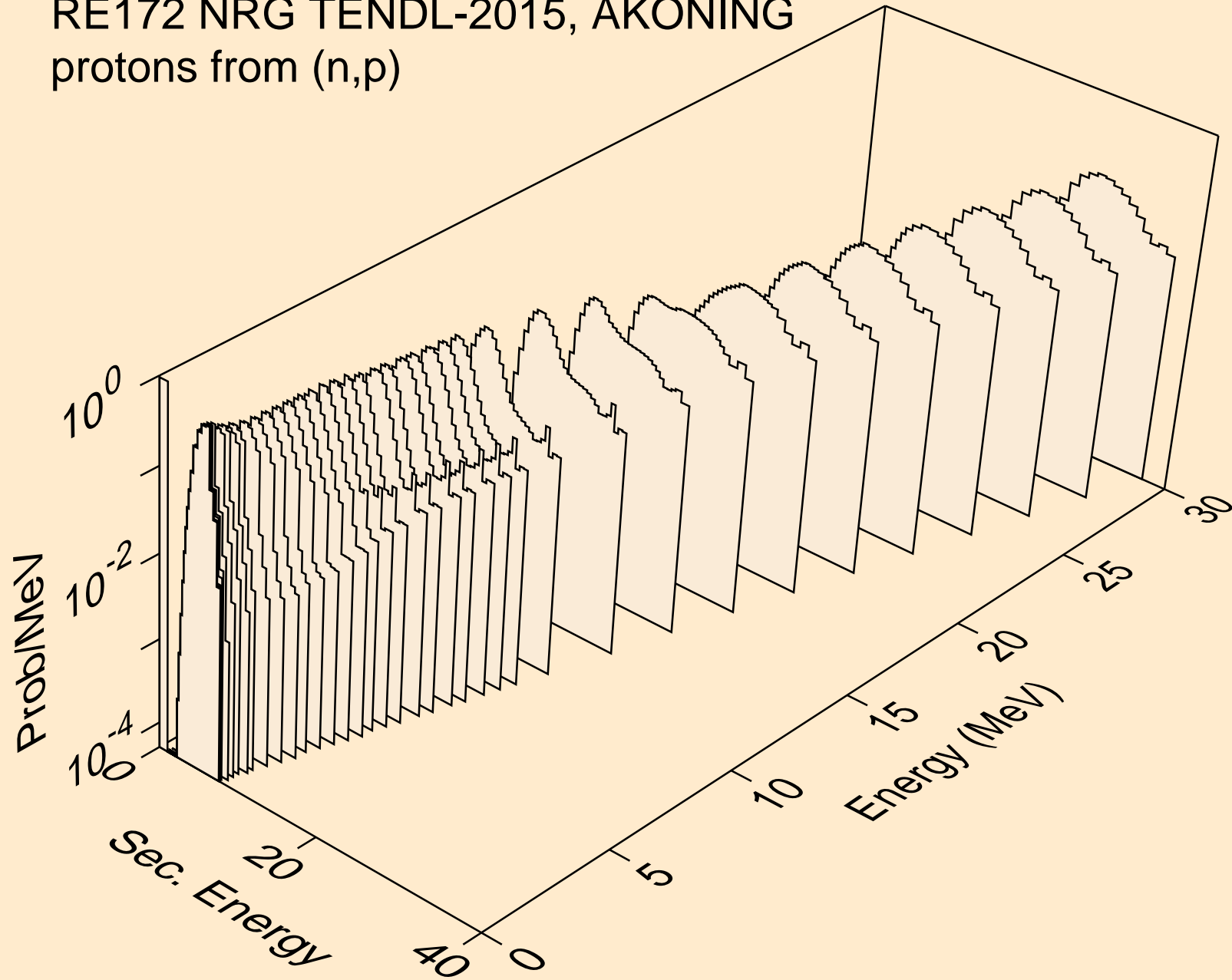


RE172 NRG TENDL-2015, AKONING  
protons from (n,npa)

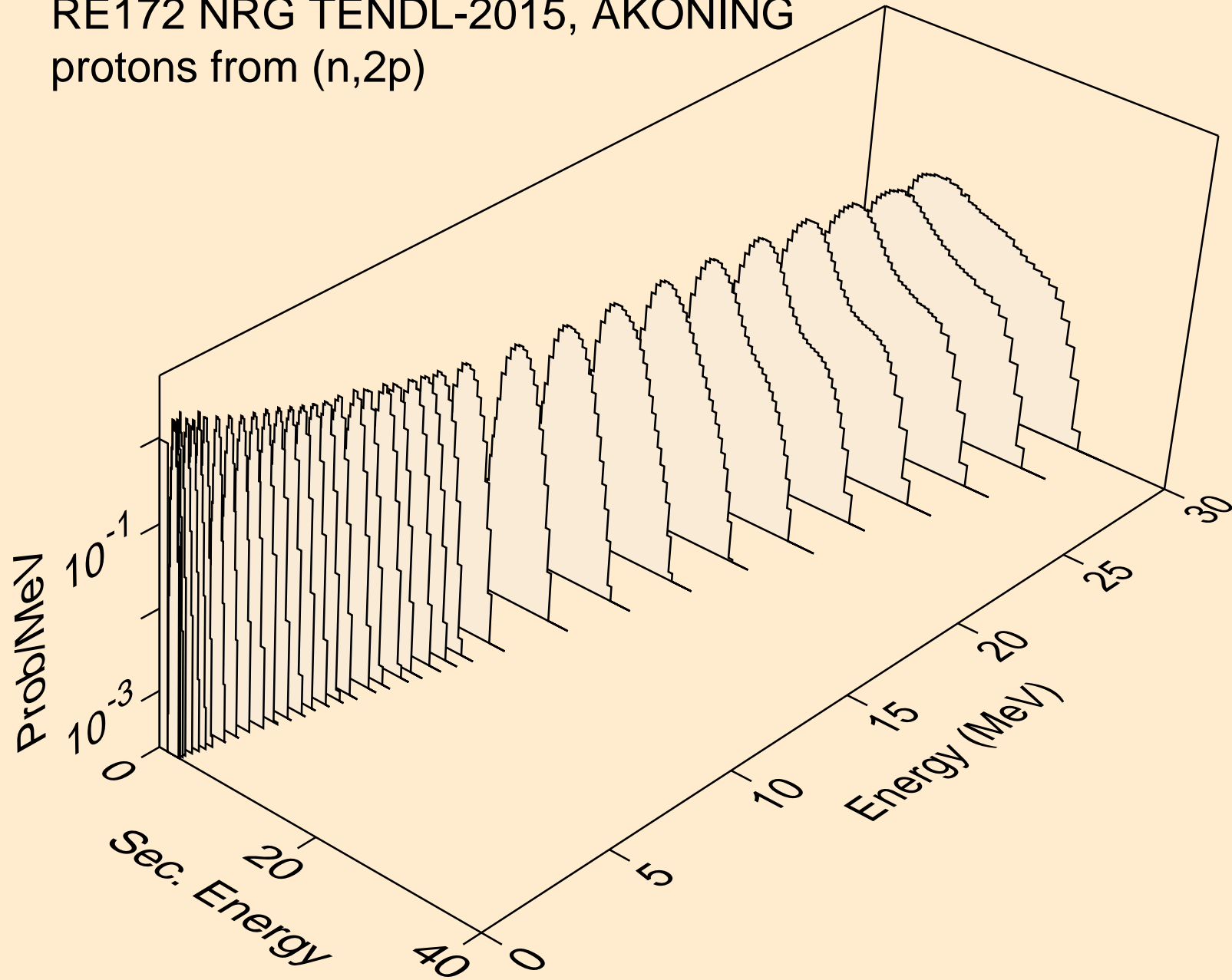




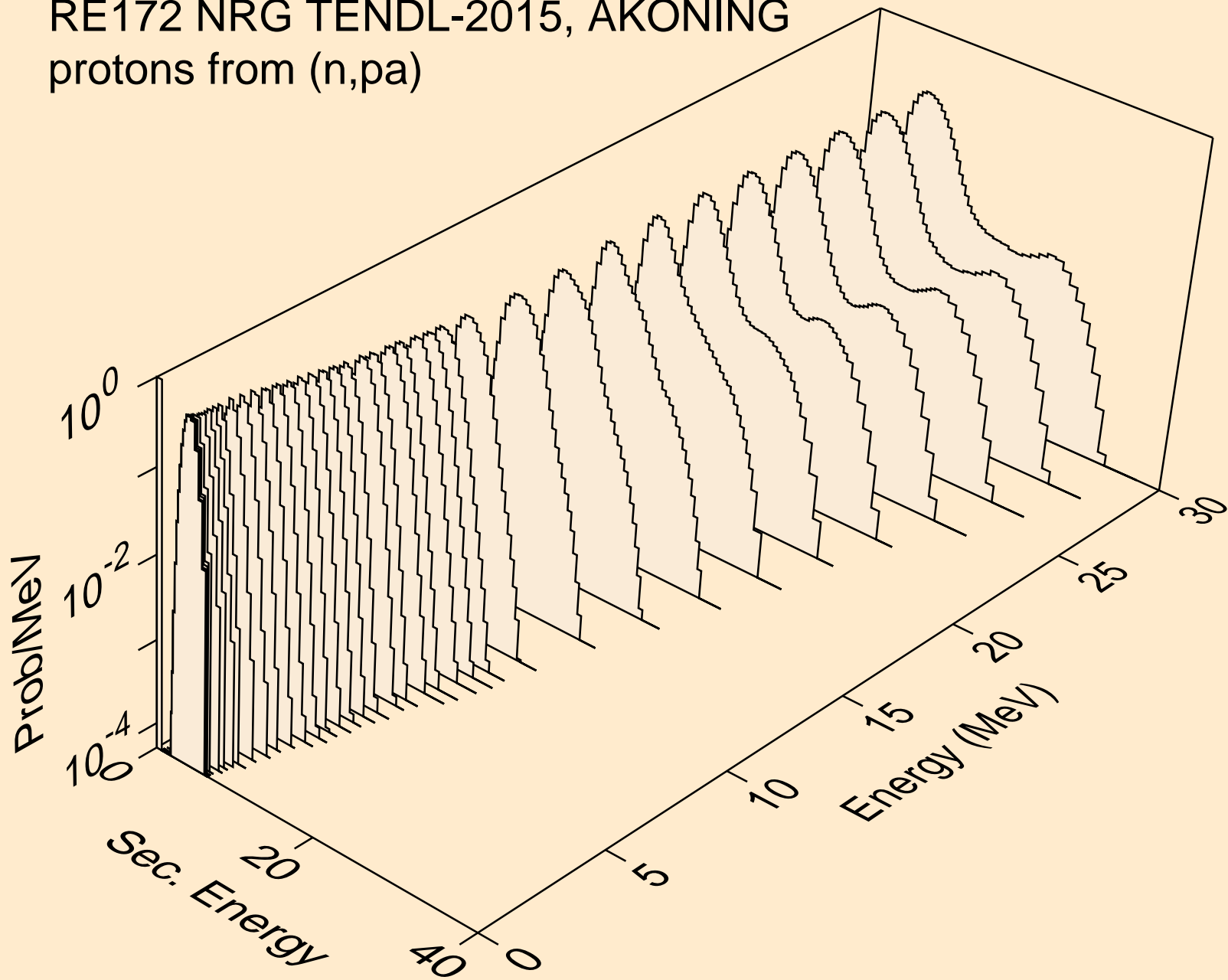
RE172 NRG TENDL-2015, AKONING  
protons from (n,p)



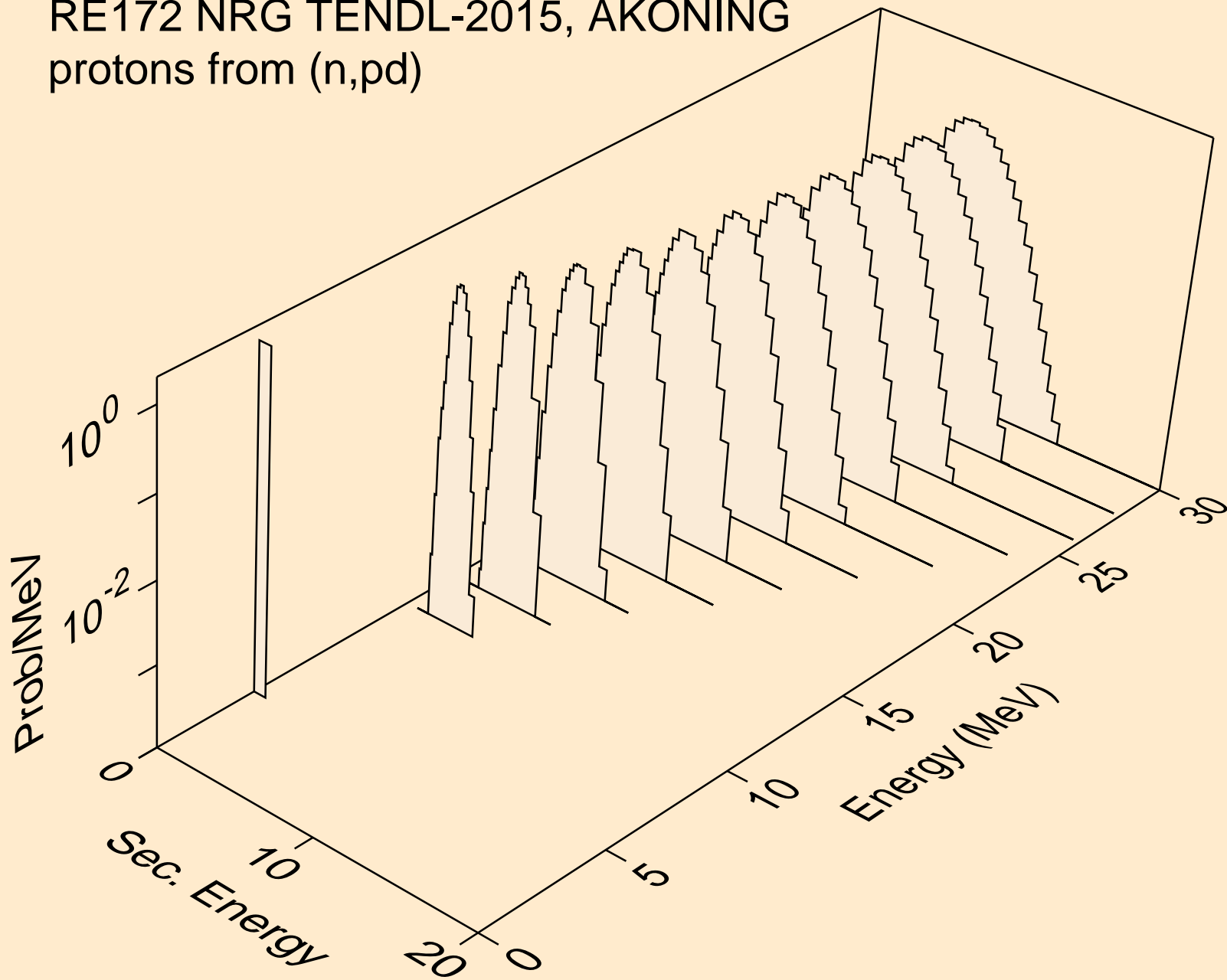
RE172 NRG TENDL-2015, AKONING  
protons from (n,2p)



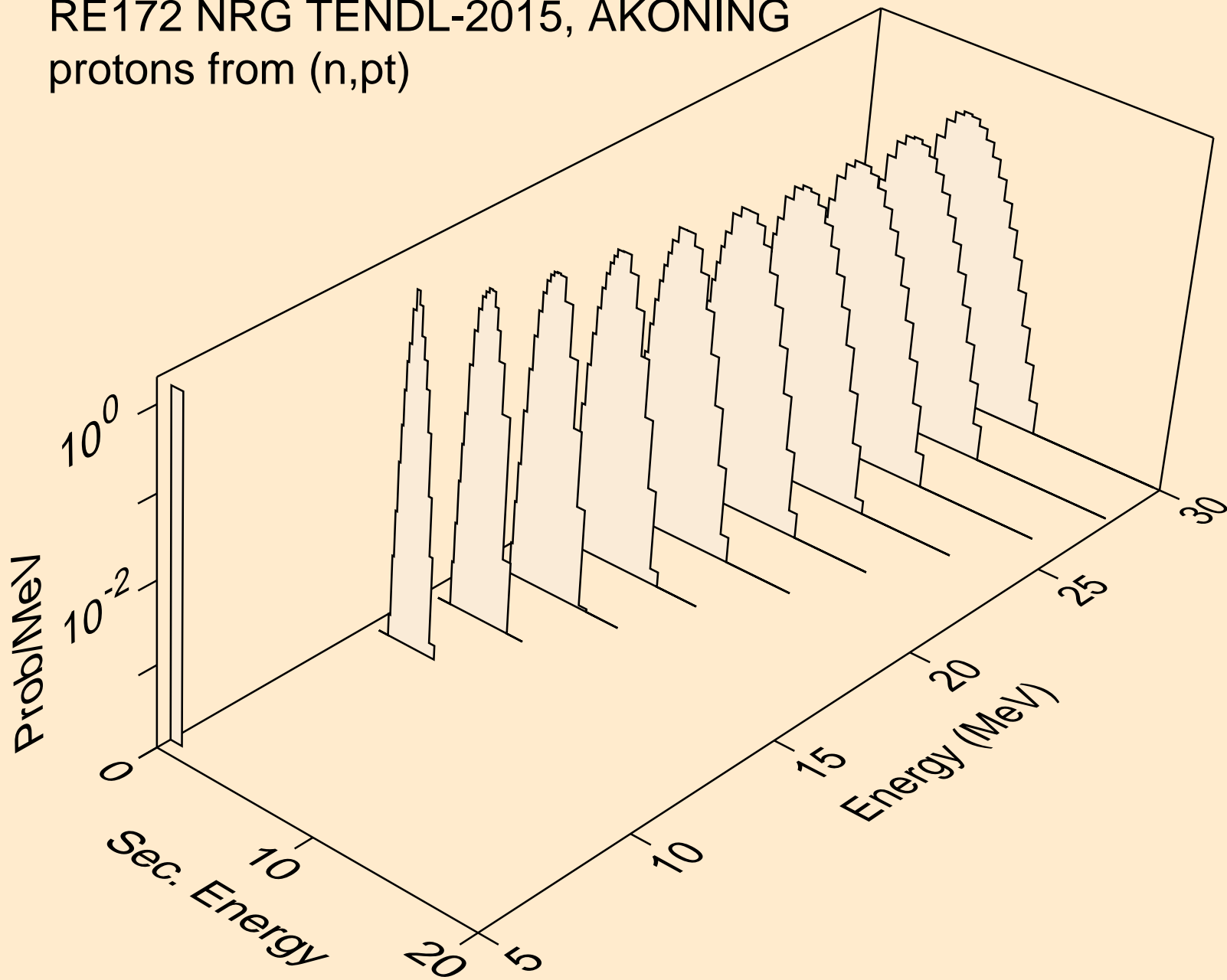
RE172 NRG TENDL-2015, AKONING  
protons from (n,pa)



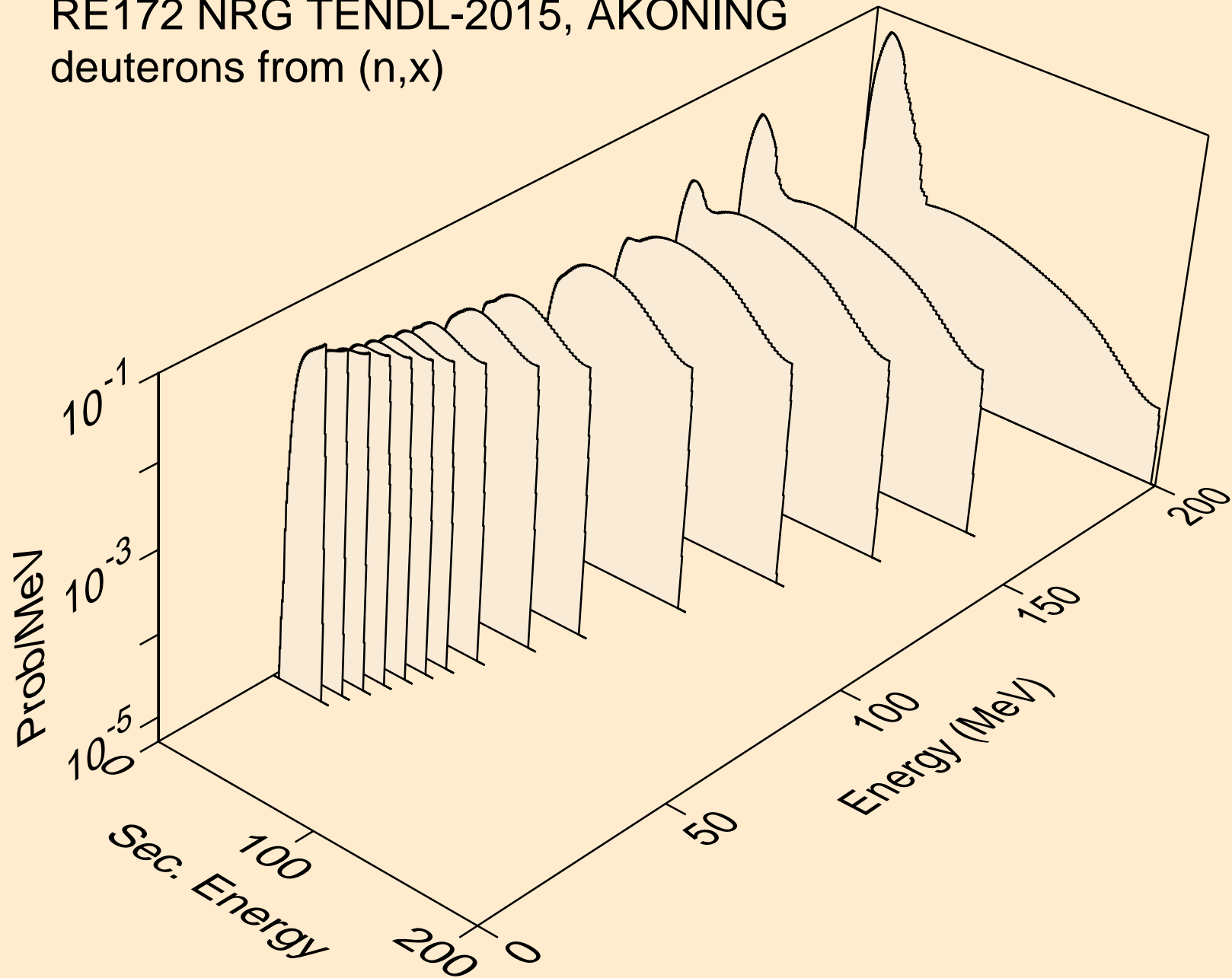
RE172 NRG TENDL-2015, AKONING  
protons from (n,pd)



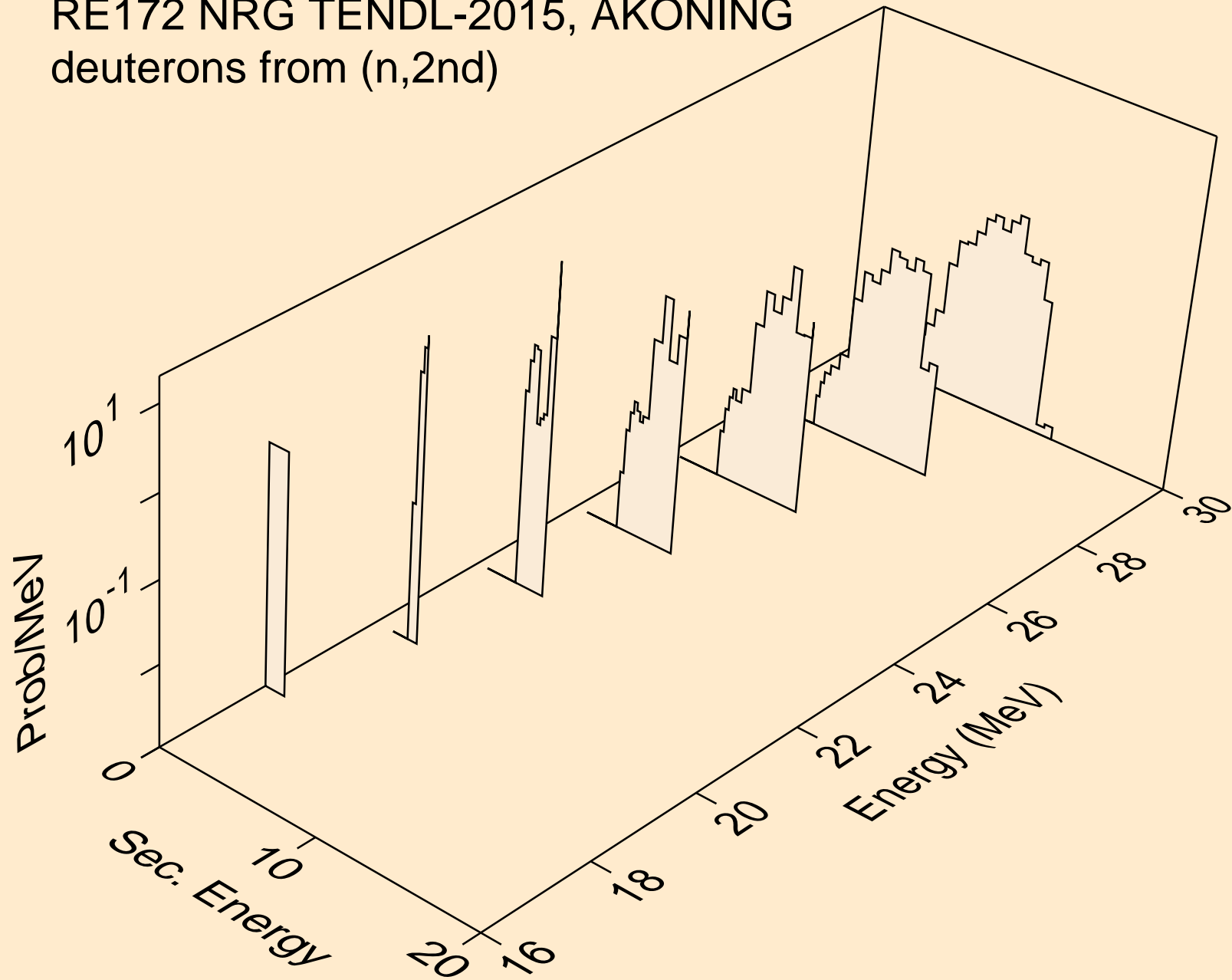
RE172 NRG TENDL-2015, AKONING  
protons from (n,pt)



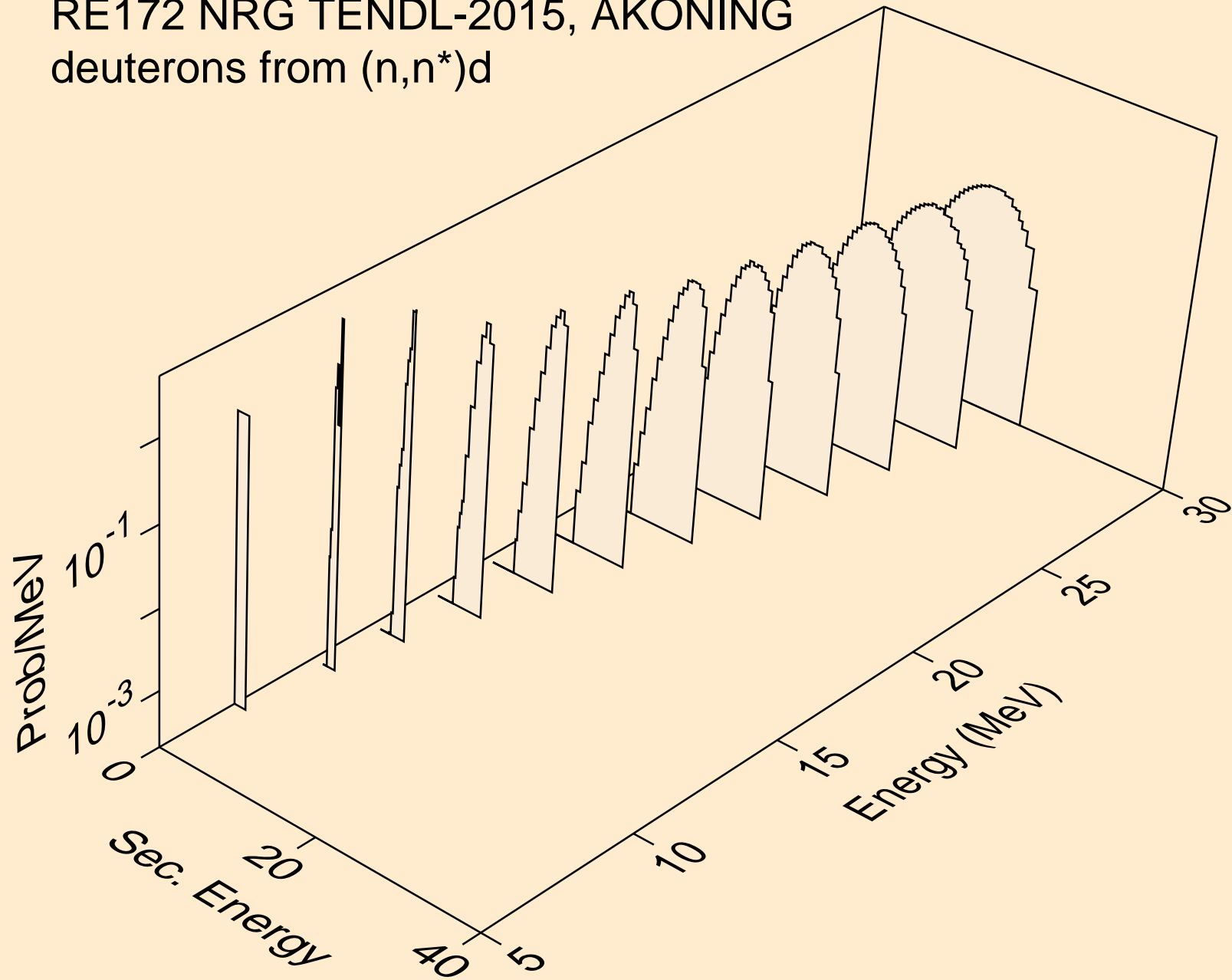
RE172 NRG TENDL-2015, AKONING  
deuterons from (n,x)



RE172 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)

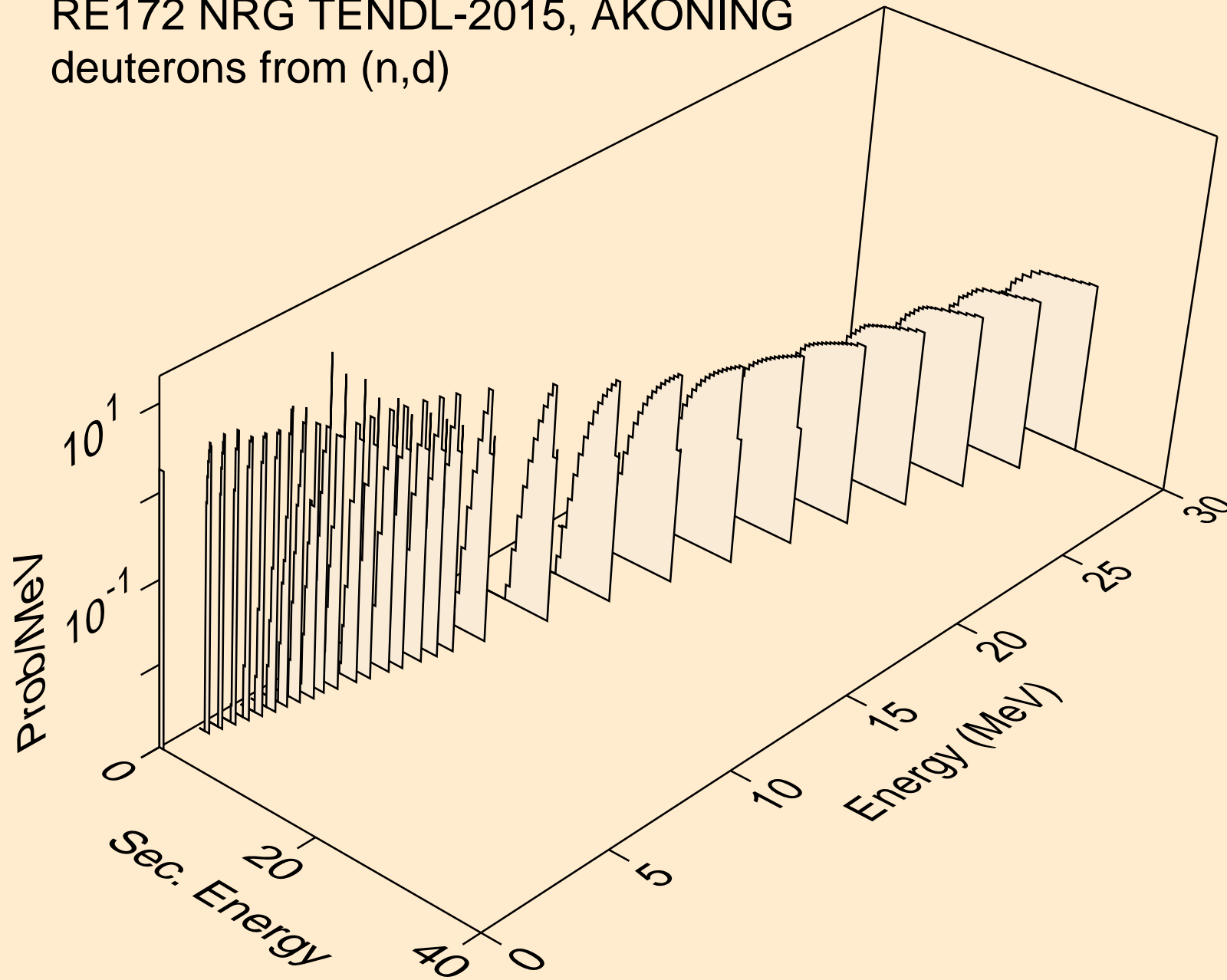


RE172 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

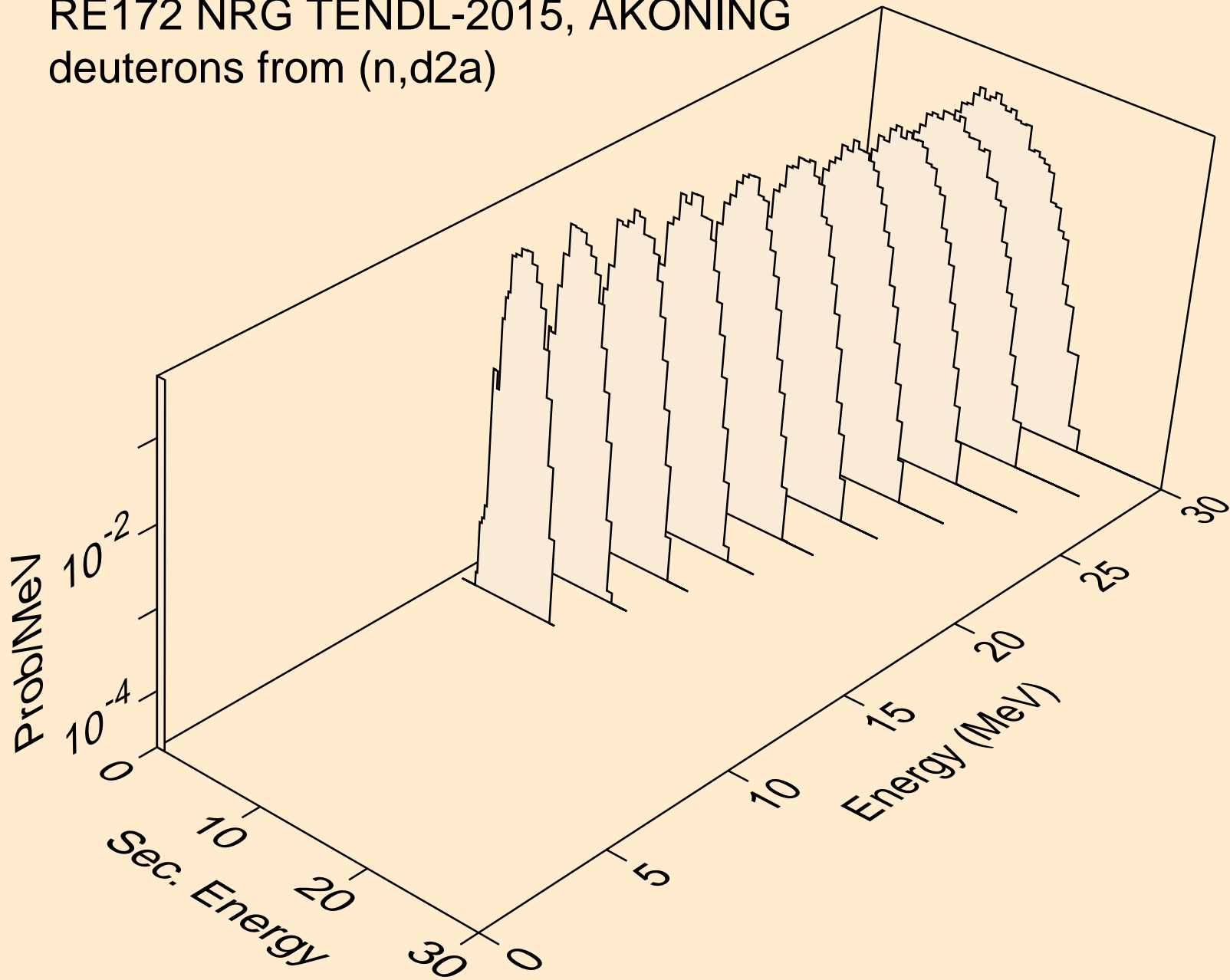




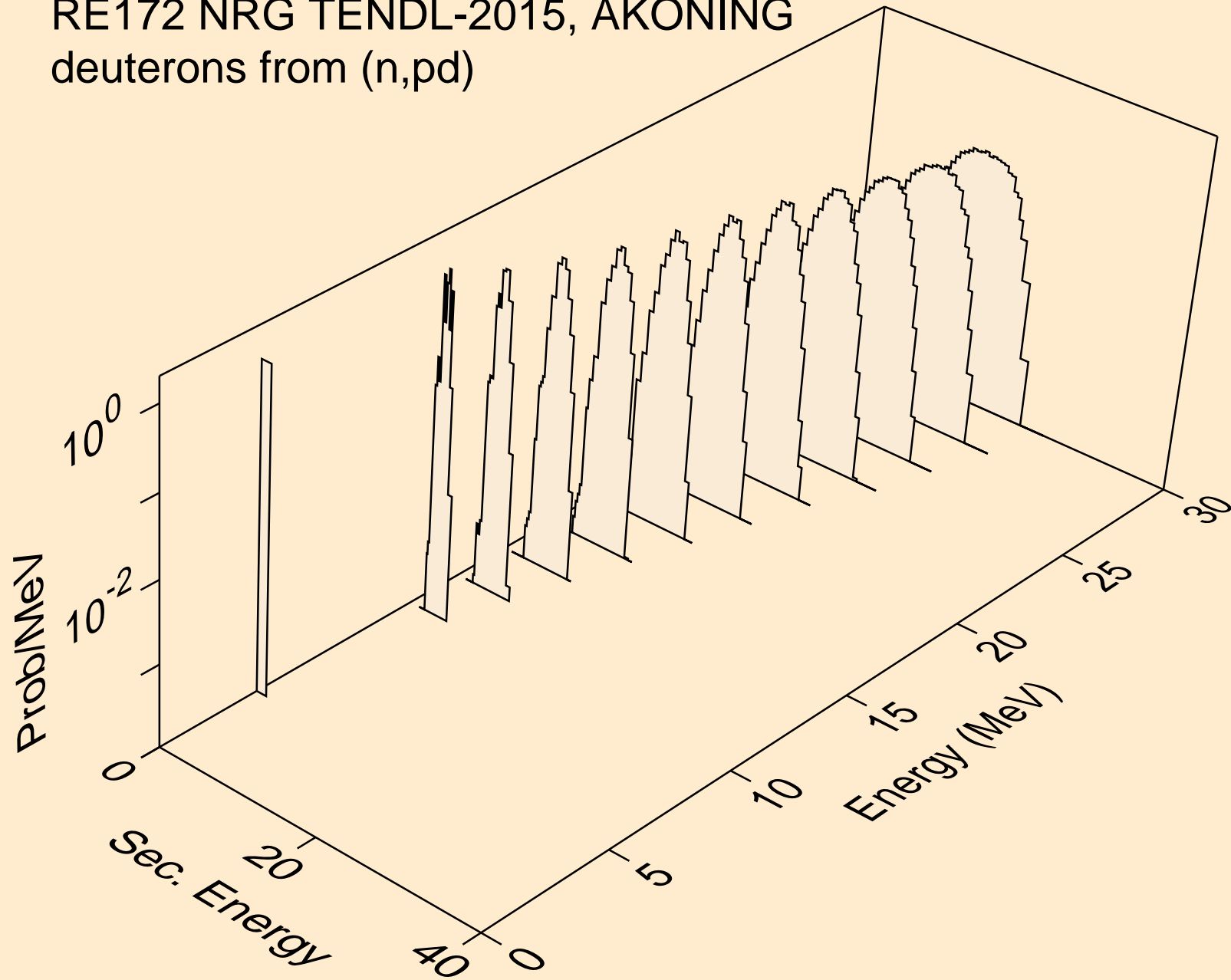
RE172 NRG TENDL-2015, AKONING  
deuterons from (n,d)



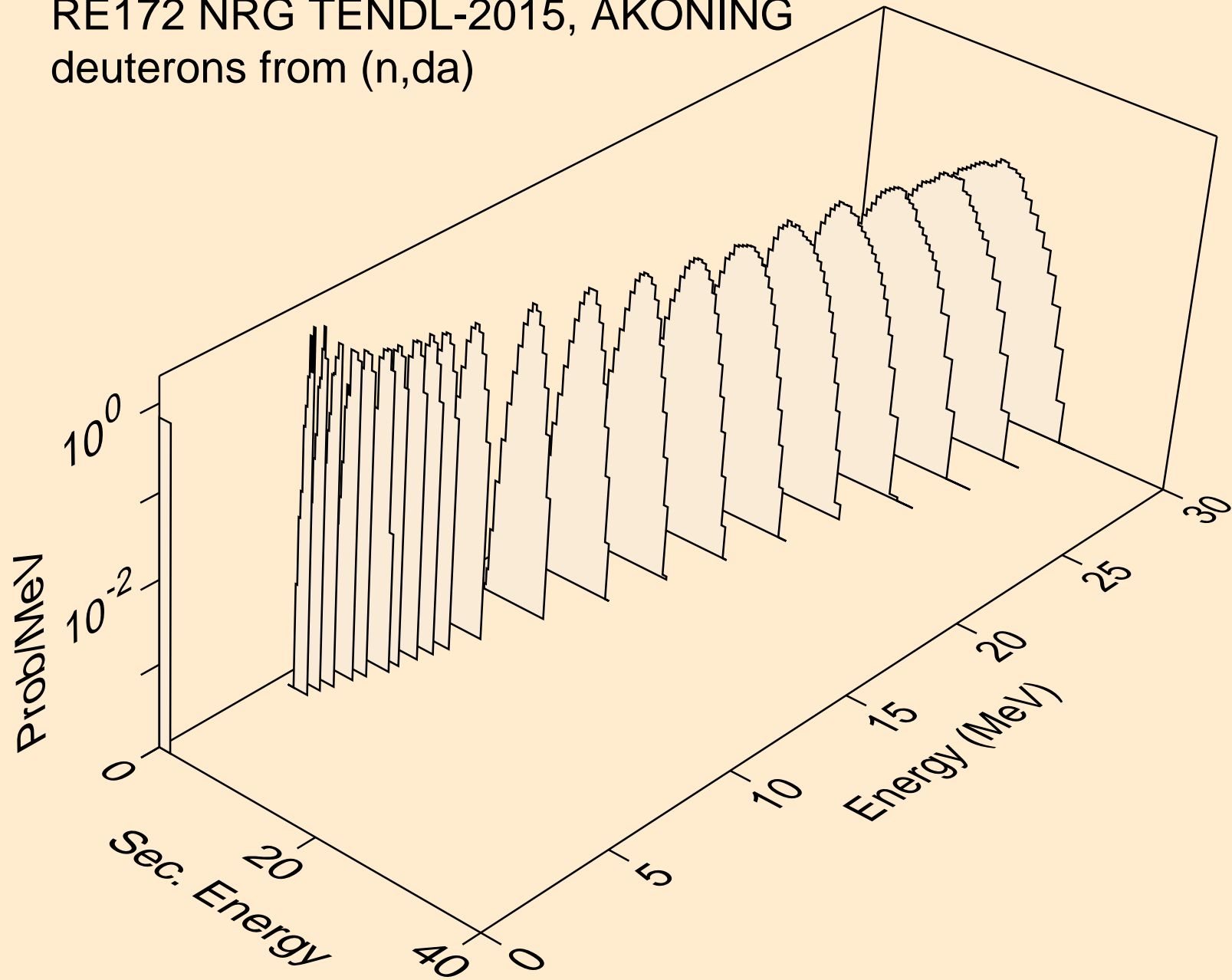
RE172 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)



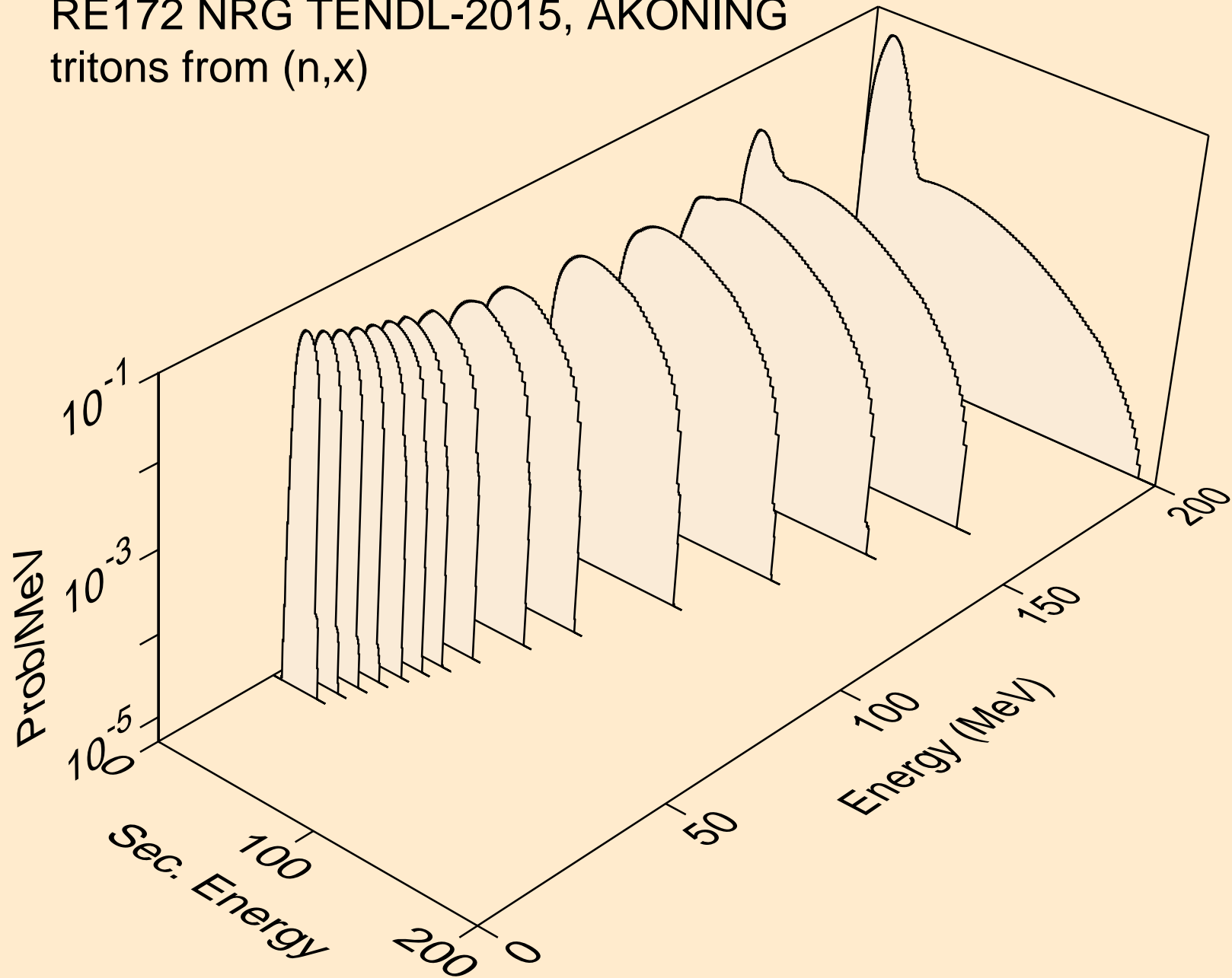
RE172 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



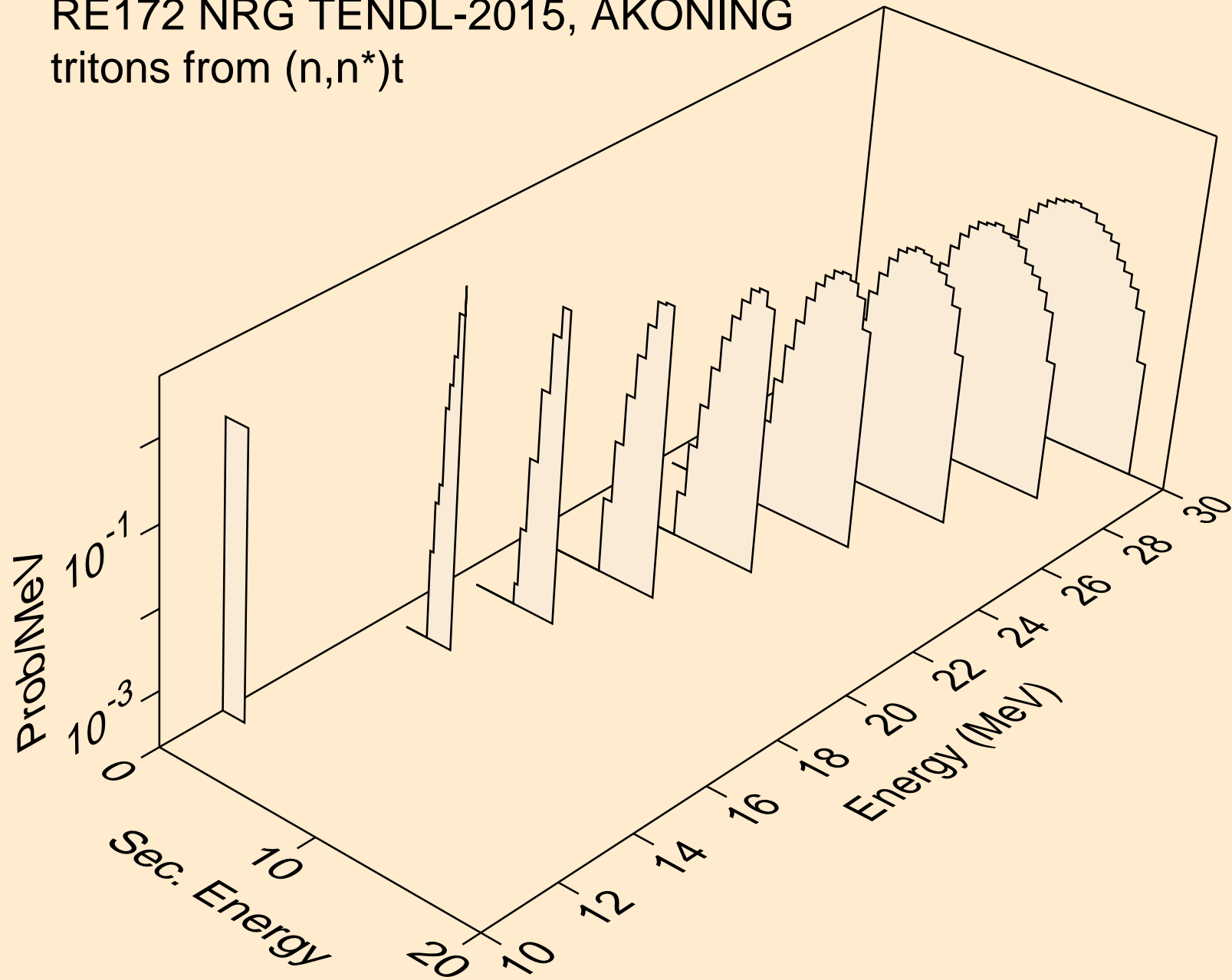
RE172 NRG TENDL-2015, AKONING  
deuterons from (n,da)



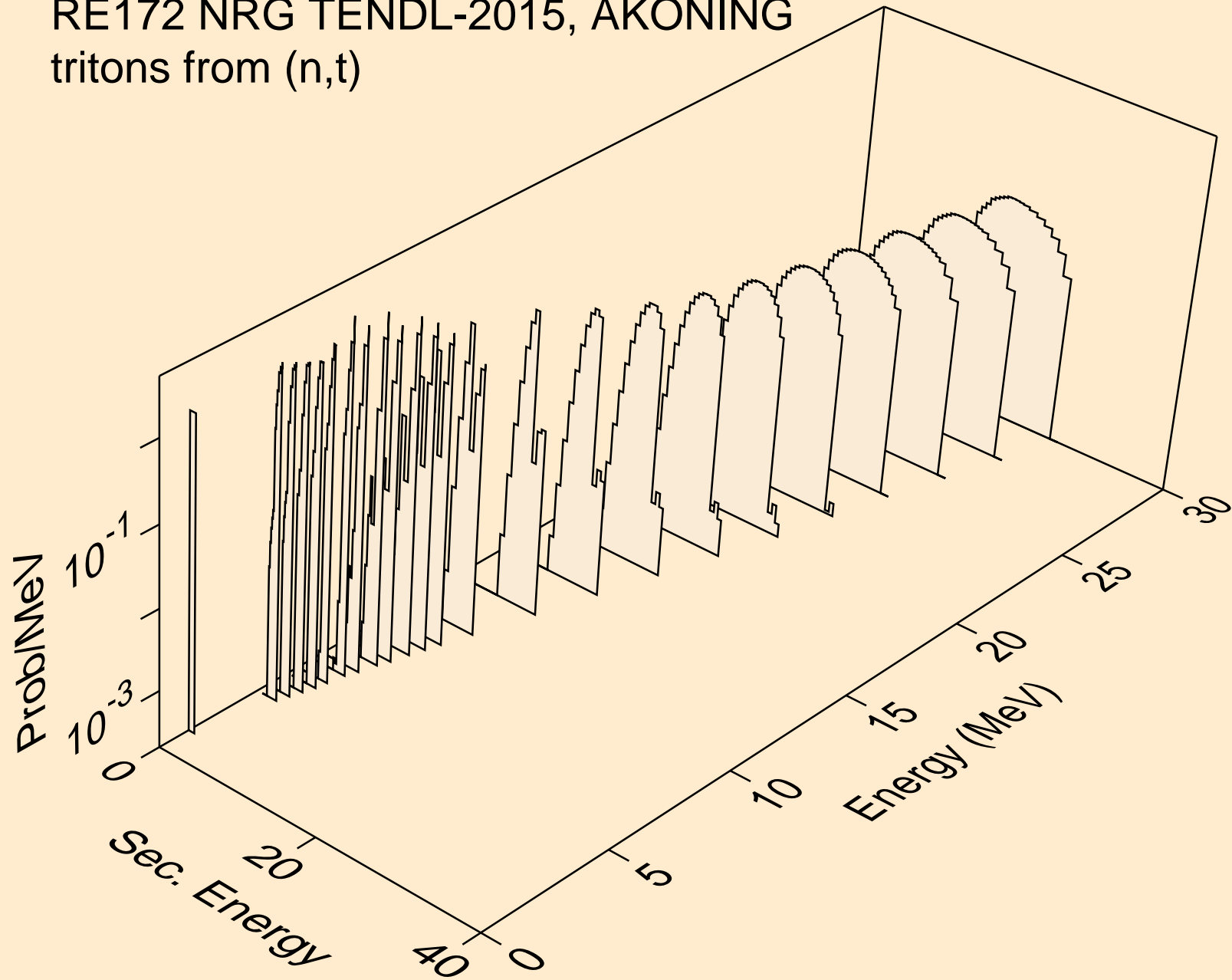
RE172 NRG TENDL-2015, AKONING  
tritons from (n,x)



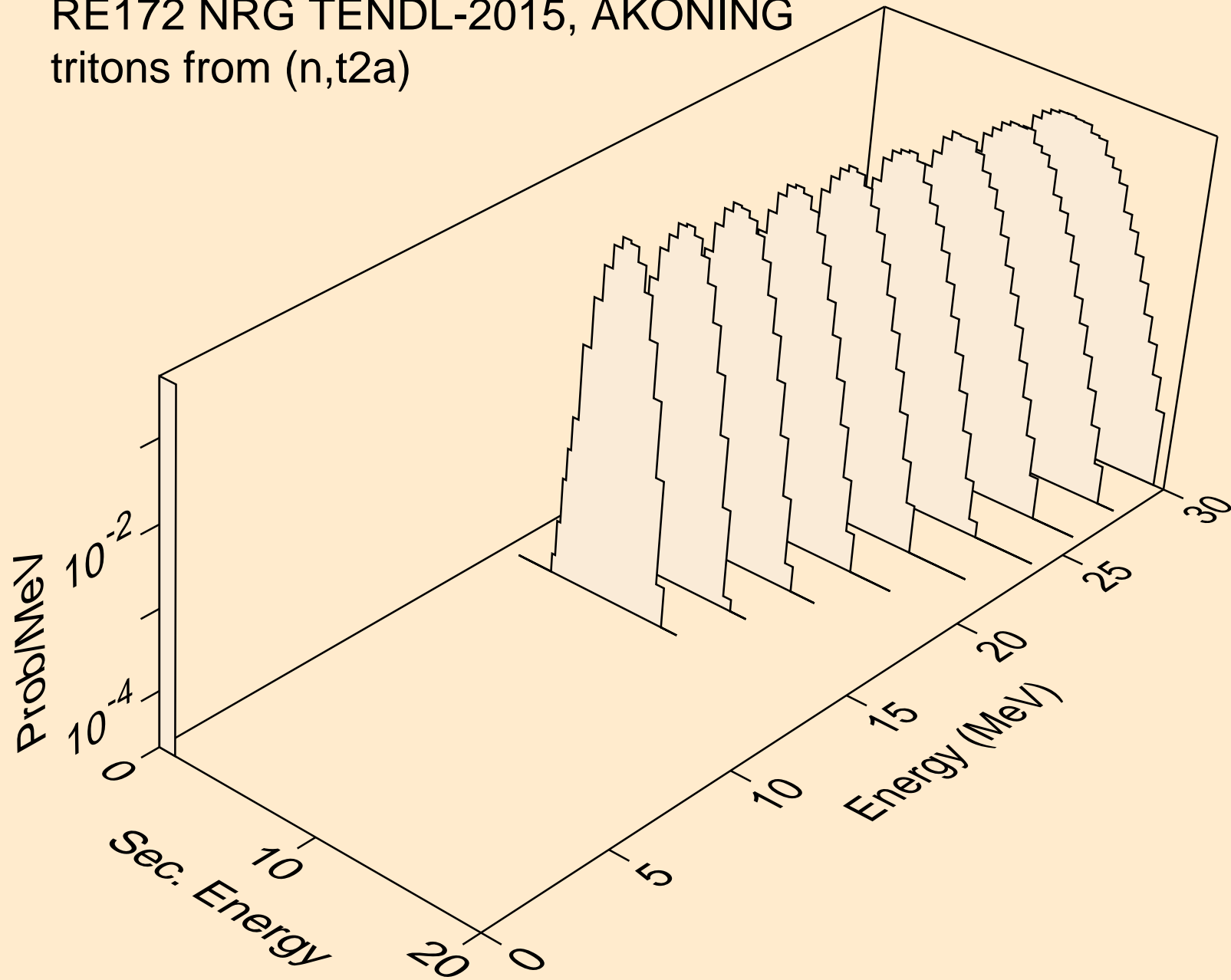
RE172 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



RE172 NRG TENDL-2015, AKONING  
tritons from (n,t)

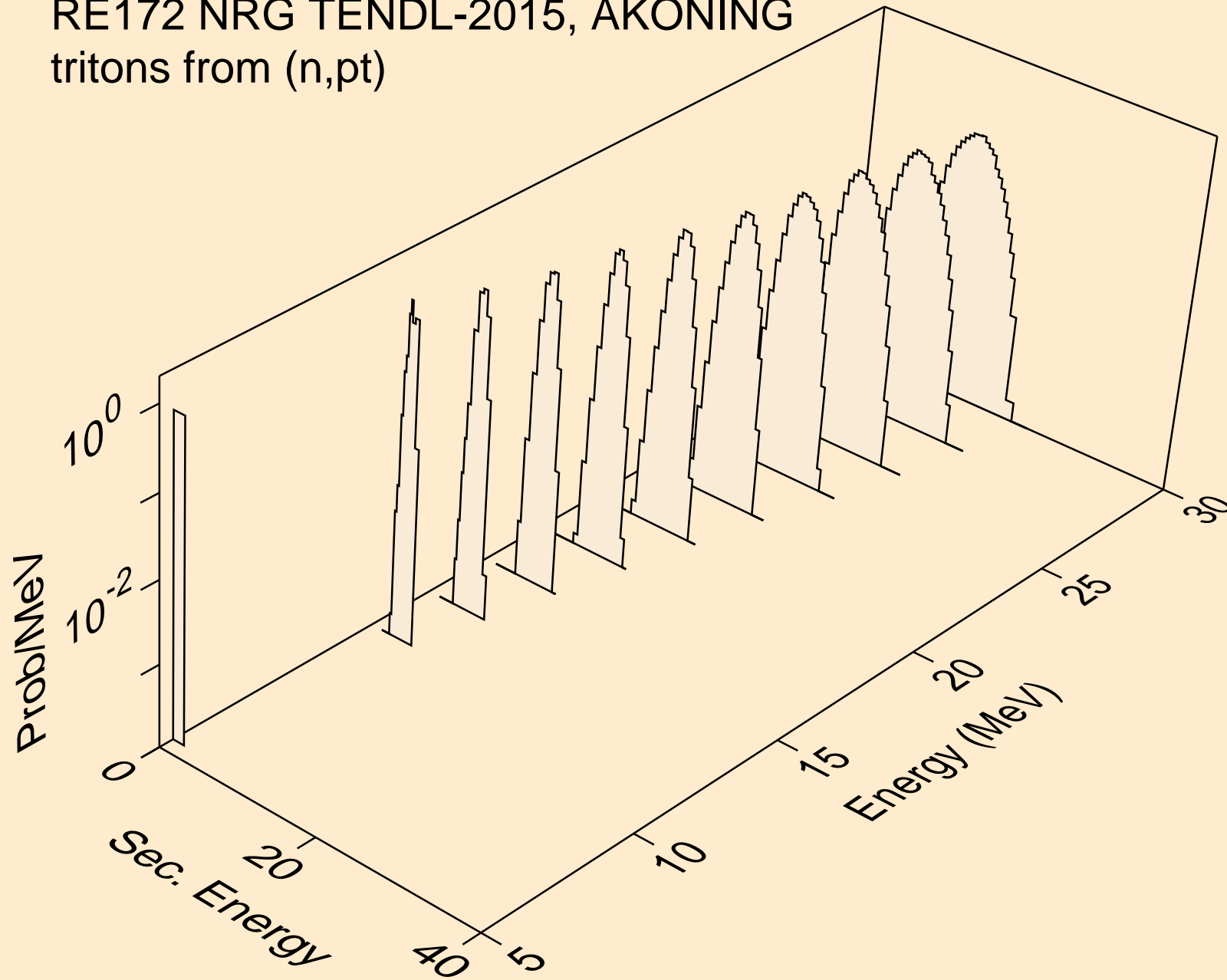


RE172 NRG TENDL-2015, AKONING  
tritons from (n,t2a)

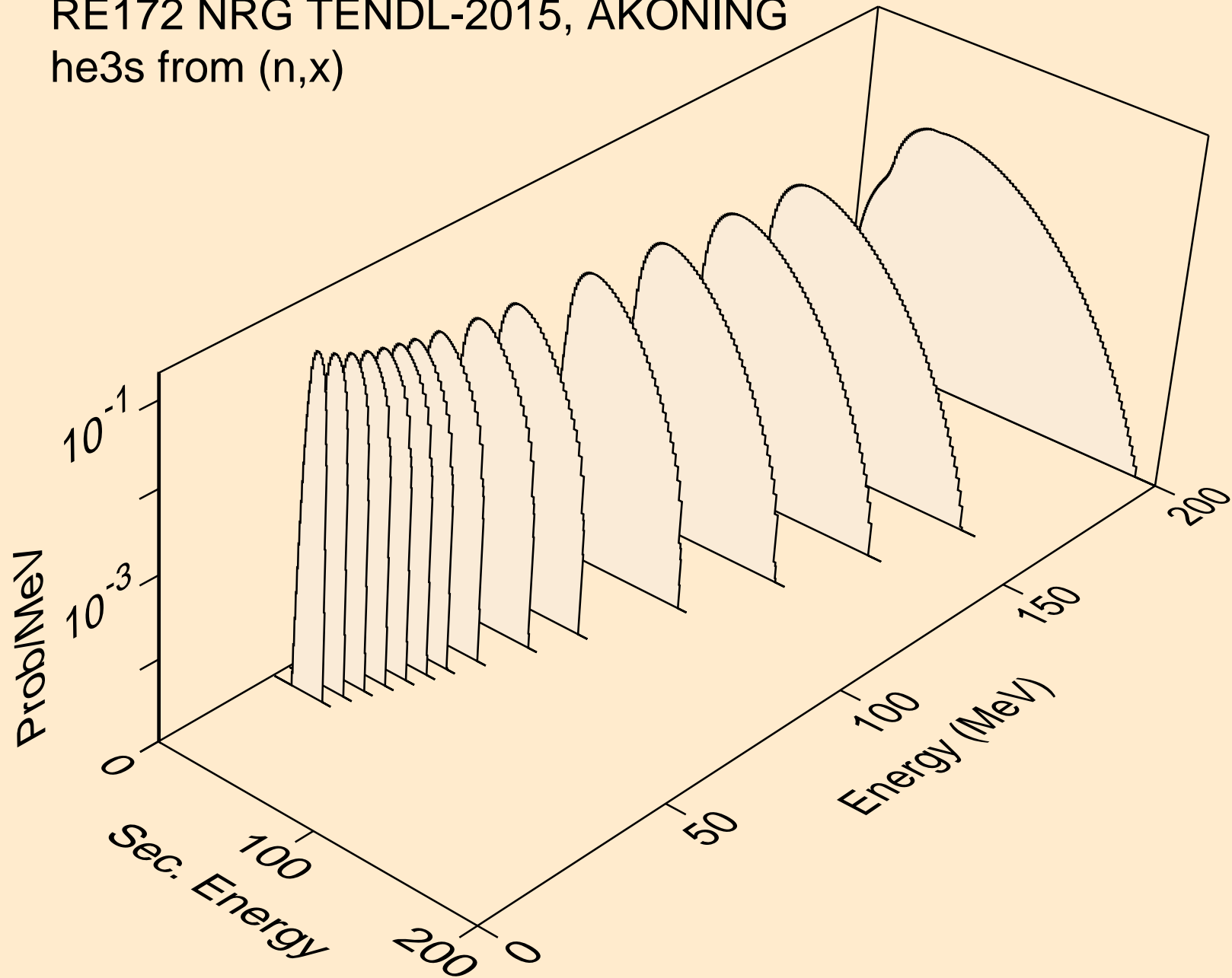




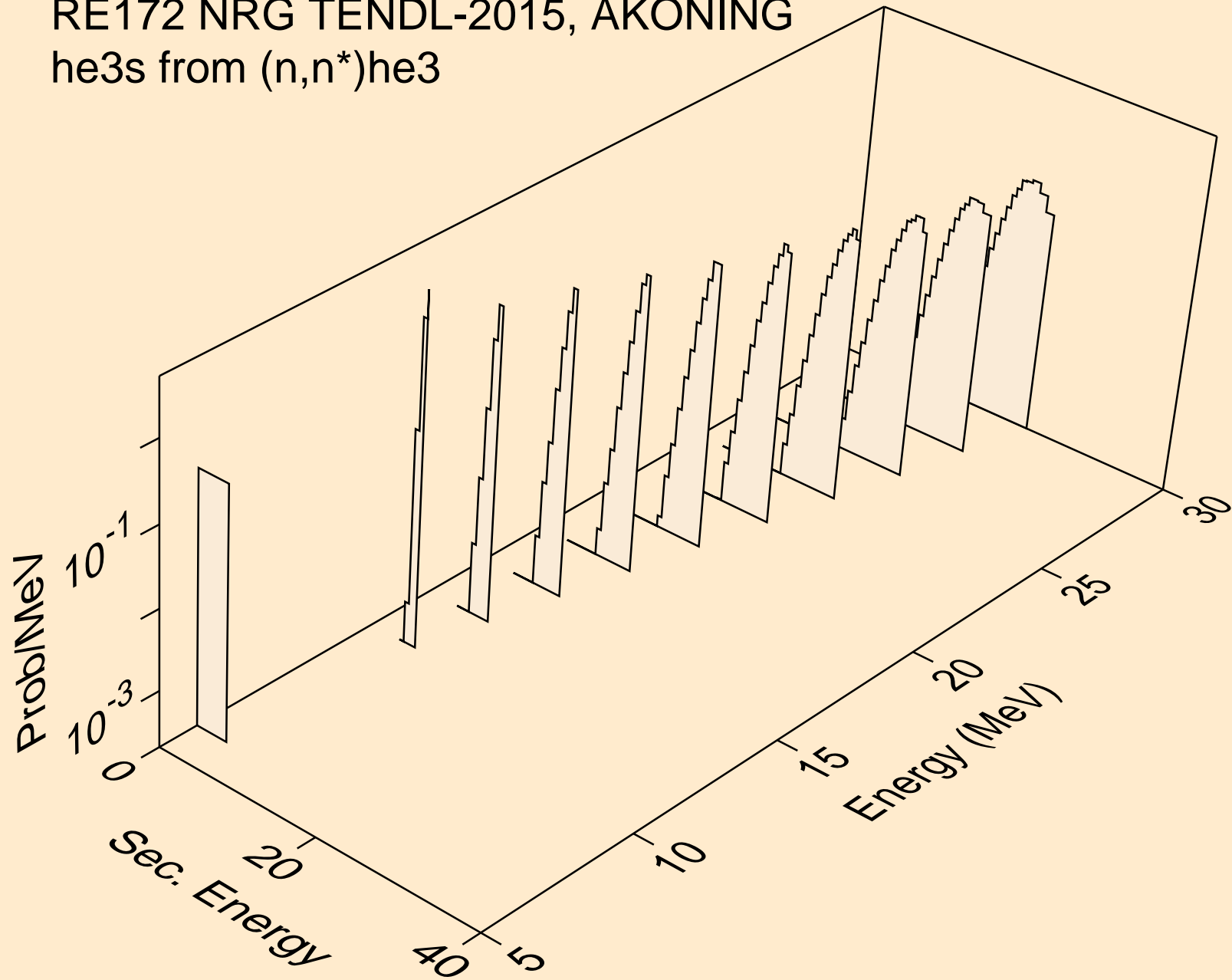
RE172 NRG TENDL-2015, AKONING  
tritons from (n,pt)



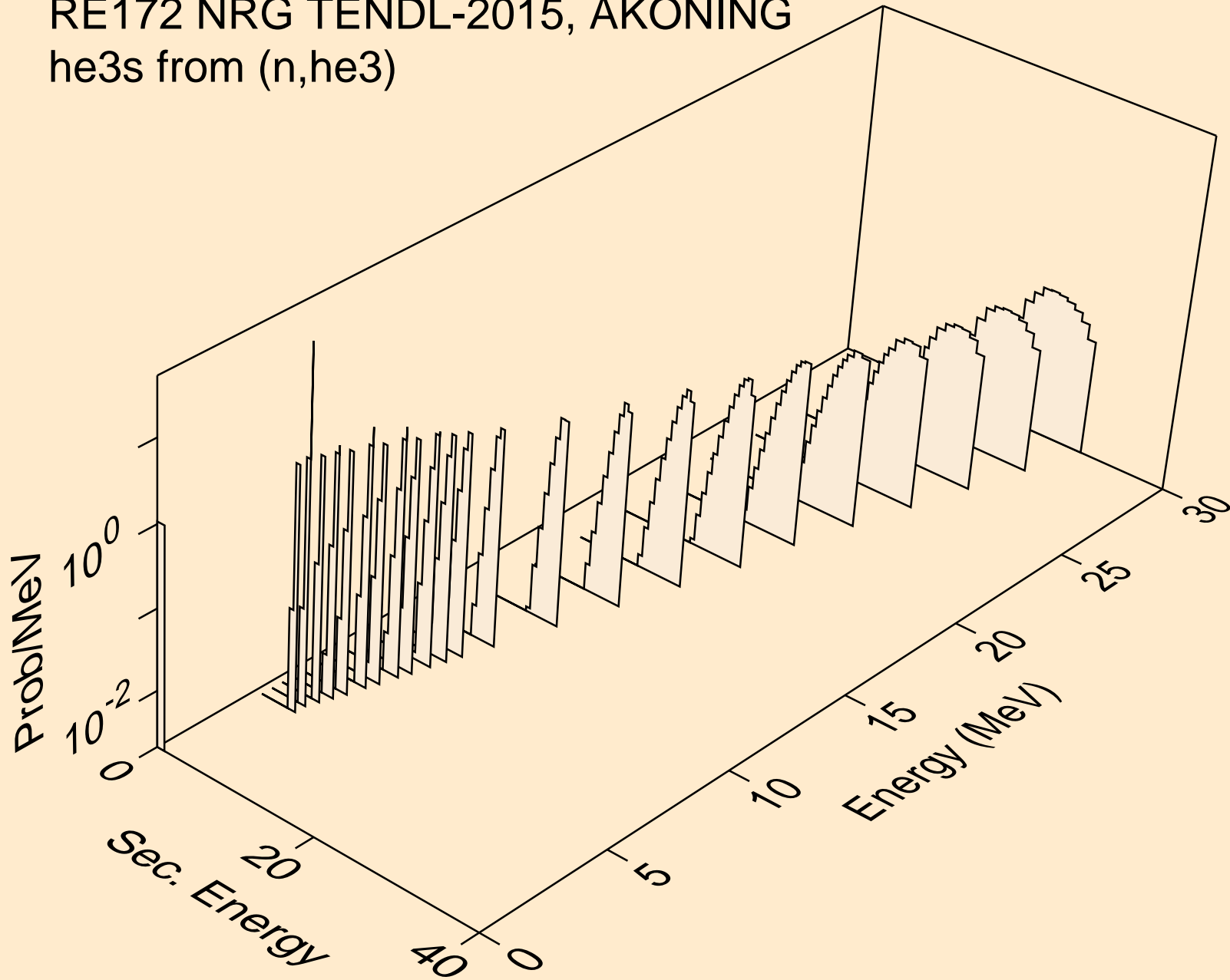
RE172 NRG TENDL-2015, AKONING  
he3s from (n,x)



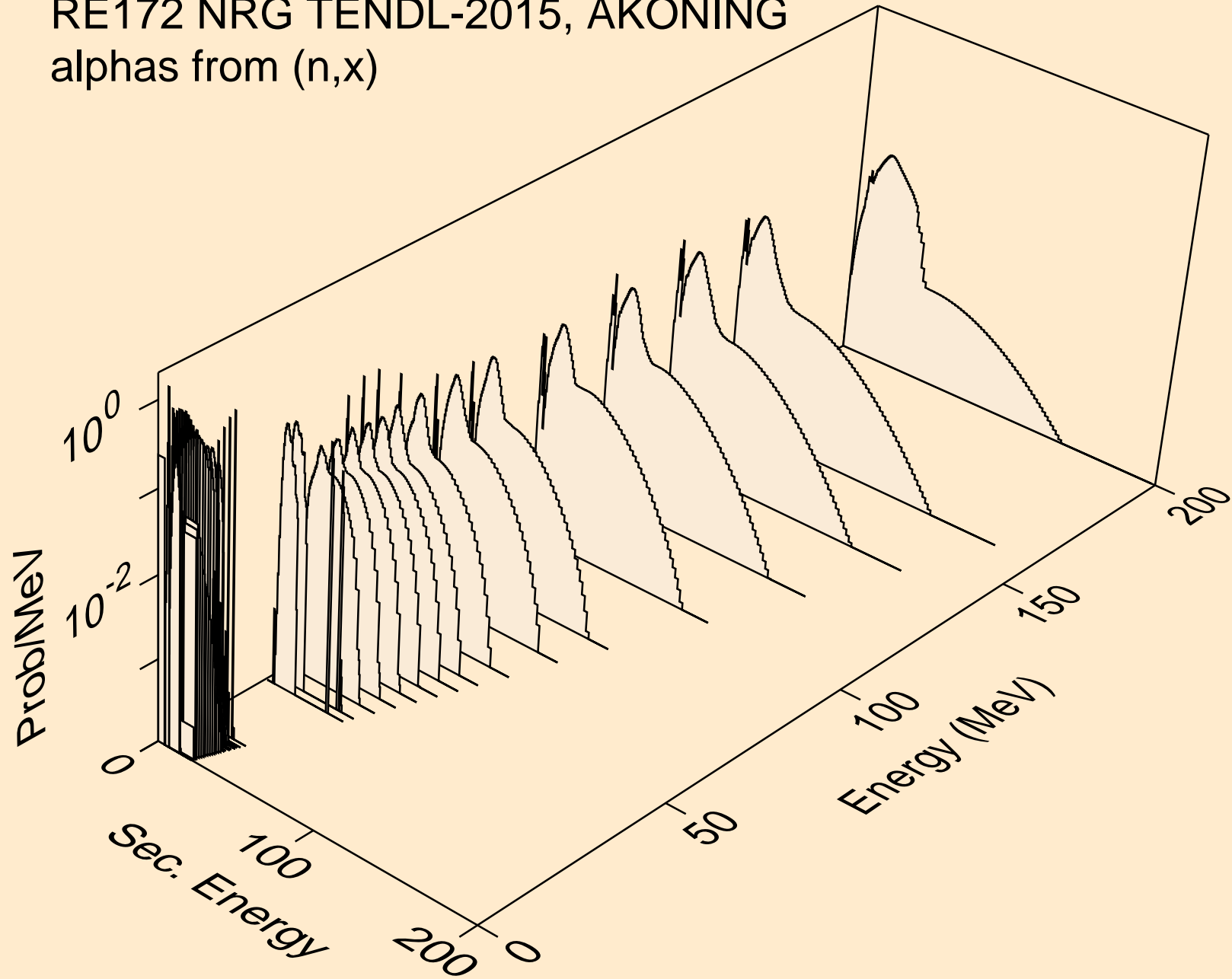
RE172 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



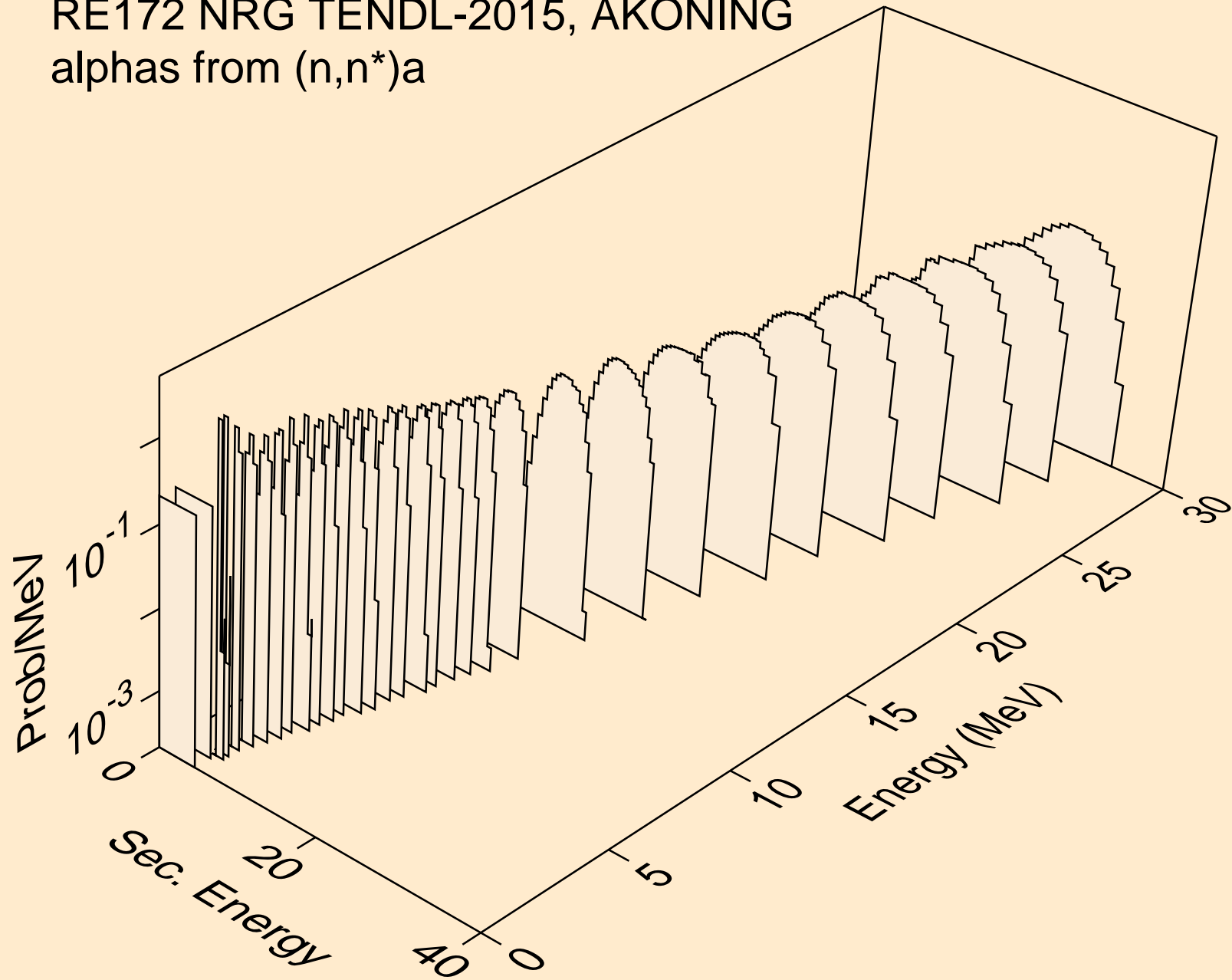
RE172 NRG TENDL-2015, AKONING  
he3s from (n,he3)



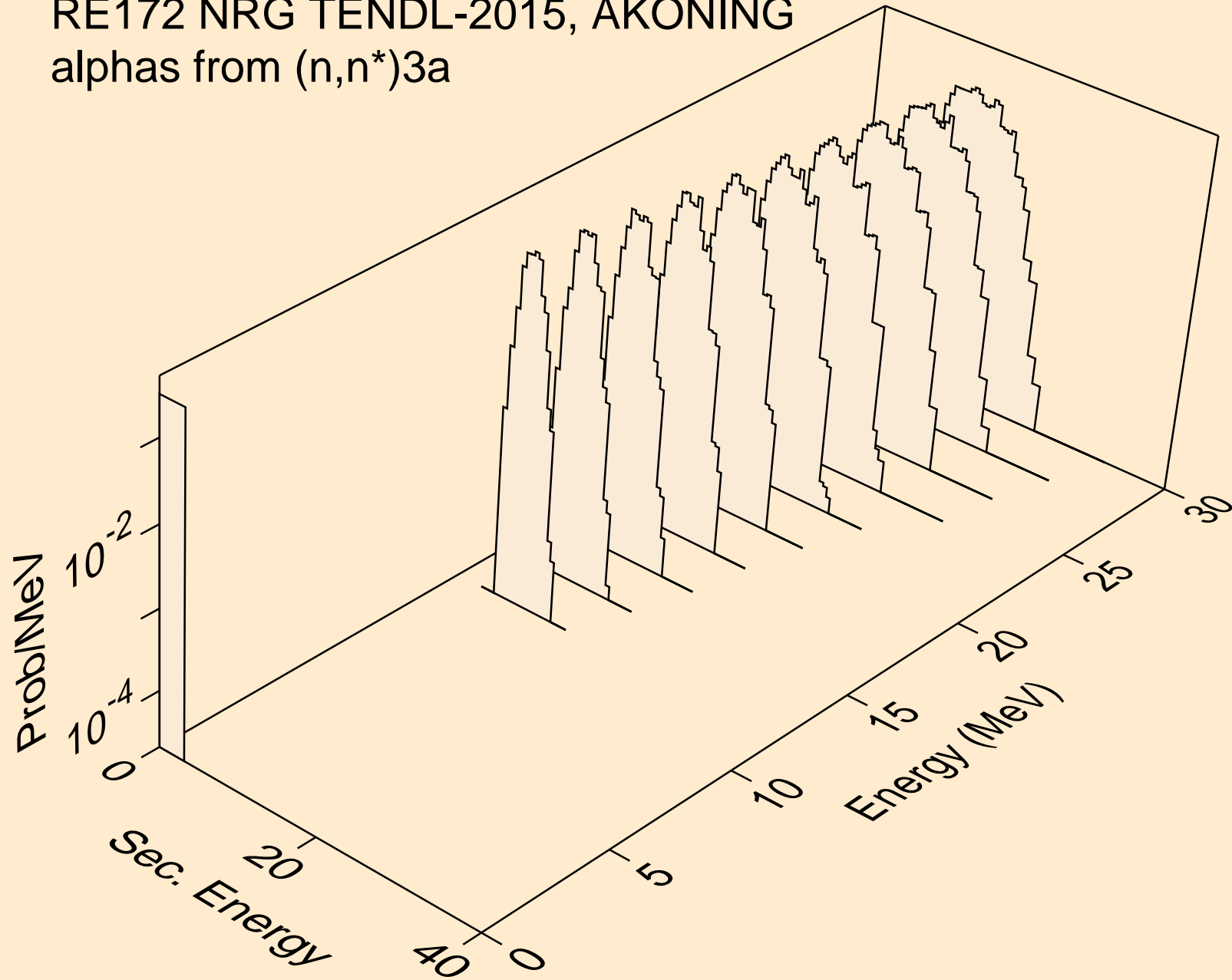
RE172 NRG TENDL-2015, AKONING  
alphas from (n,x)



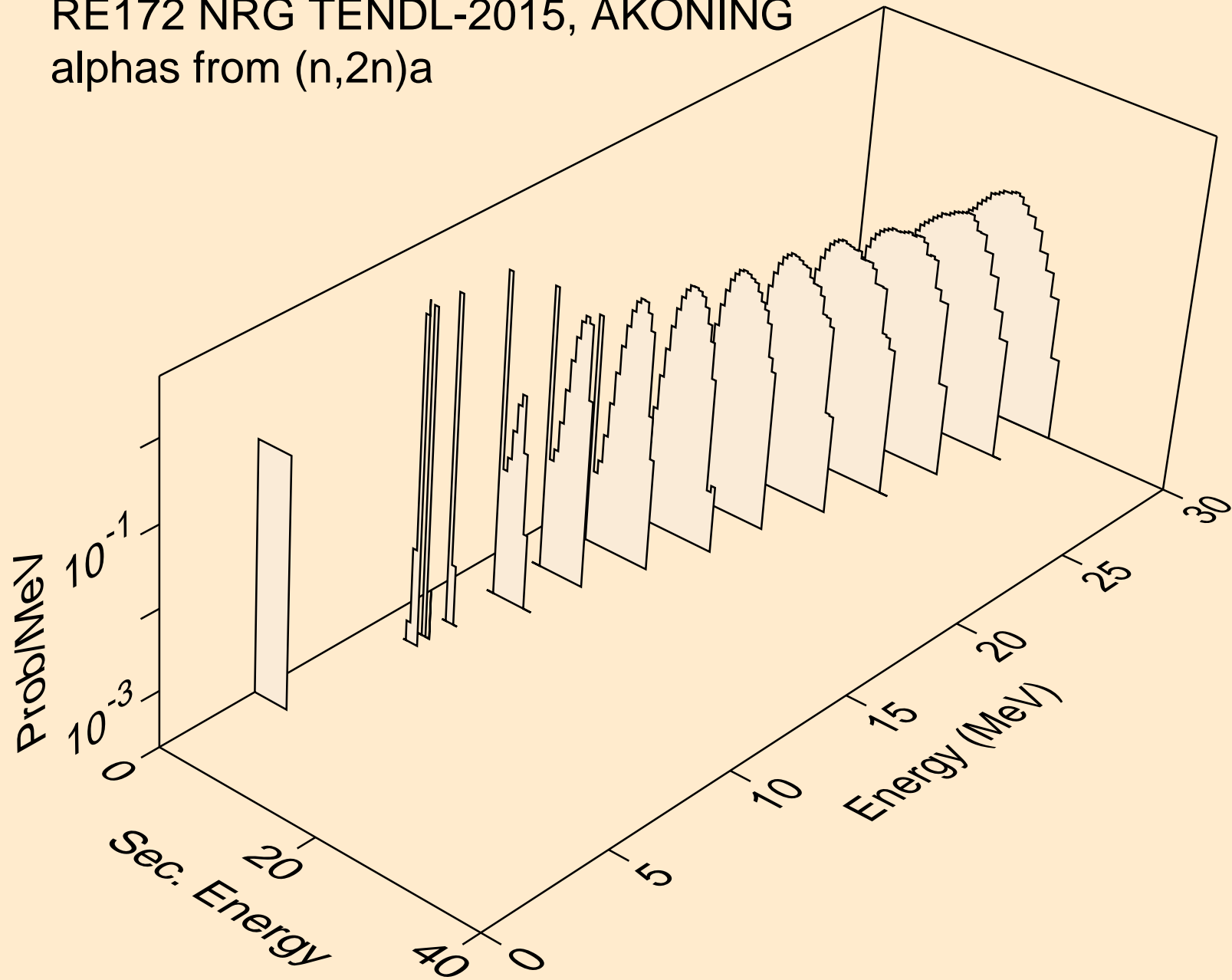
RE172 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



RE172 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a

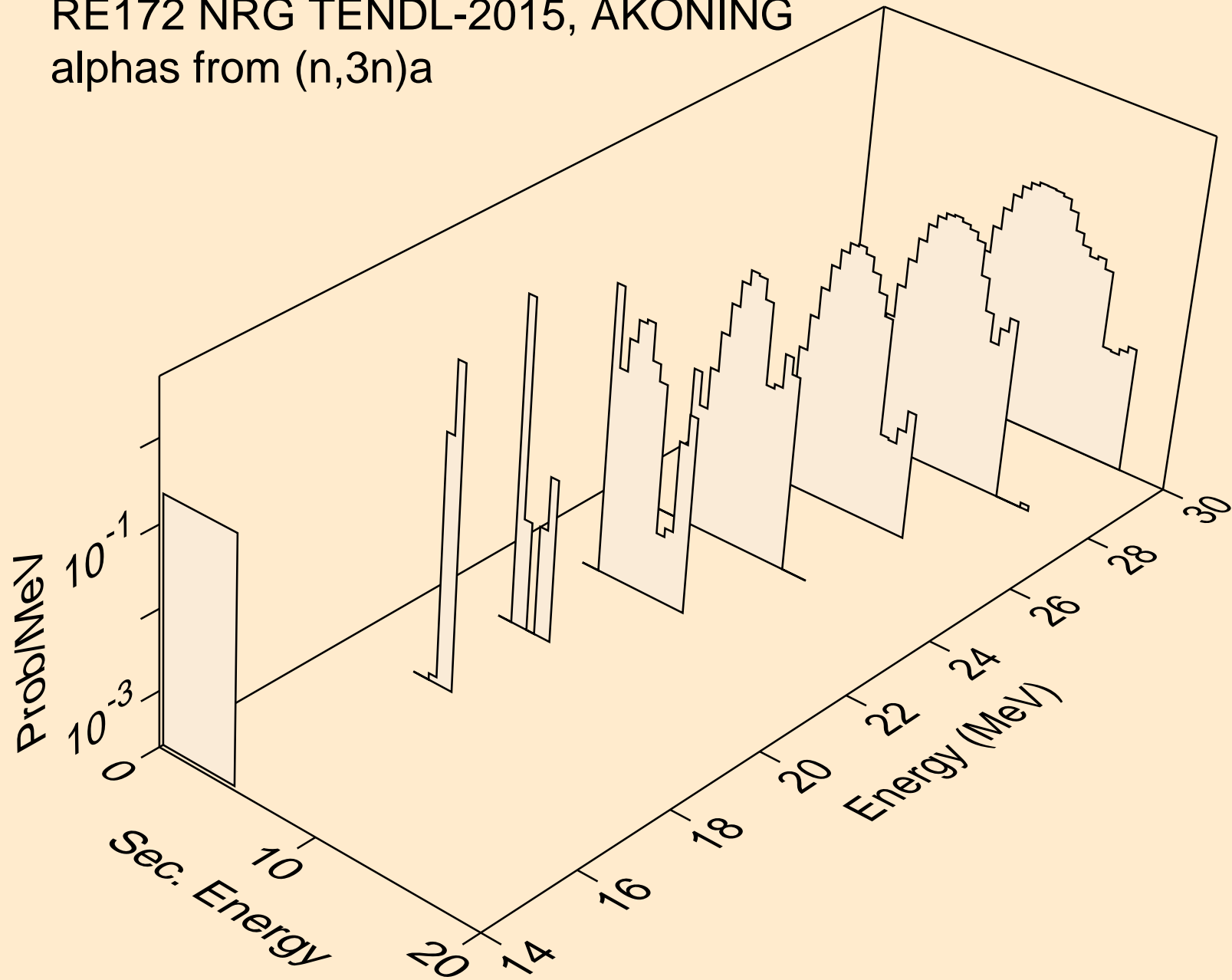


RE172 NRG TENDL-2015, AKONING  
alphas from (n,2n)a

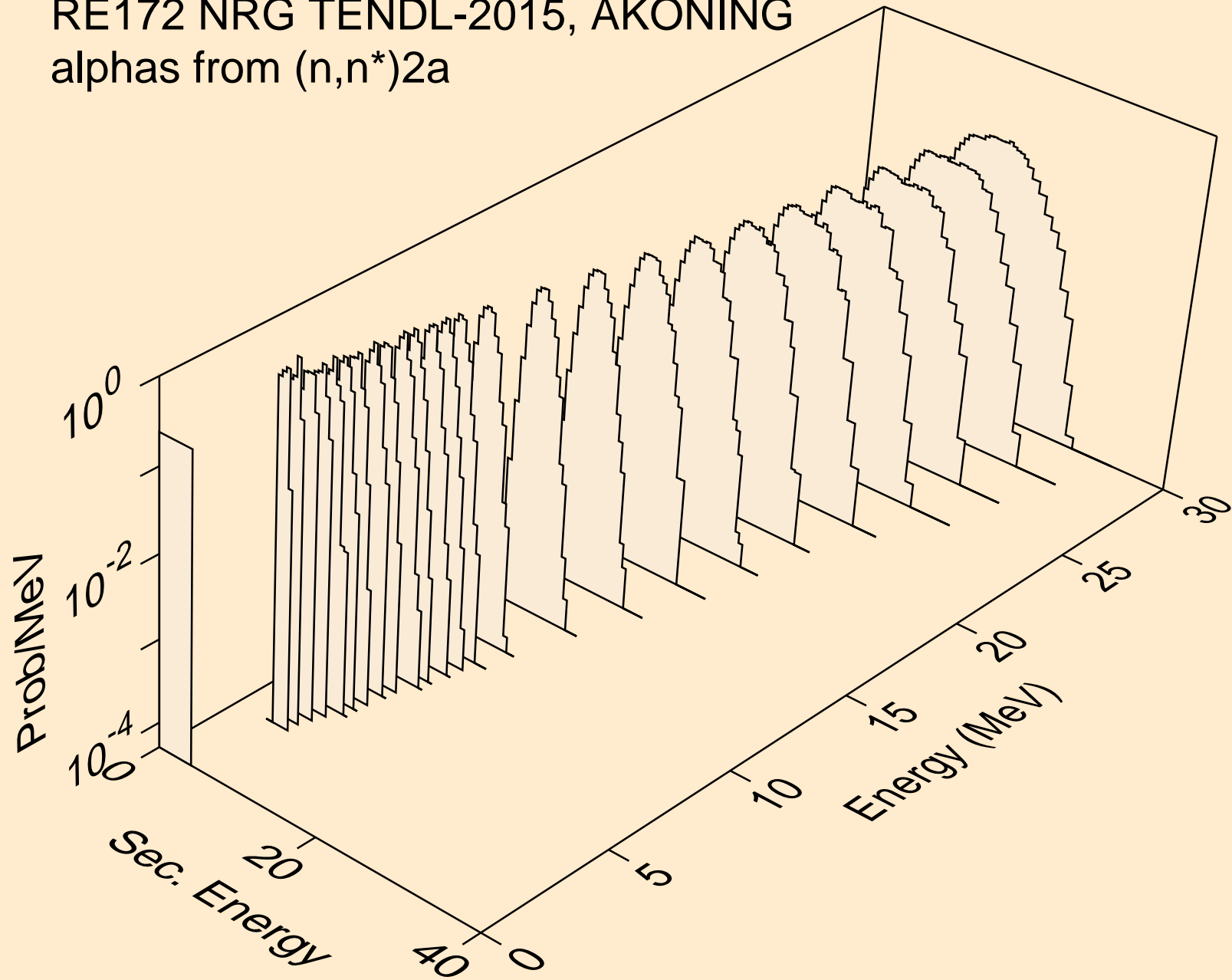




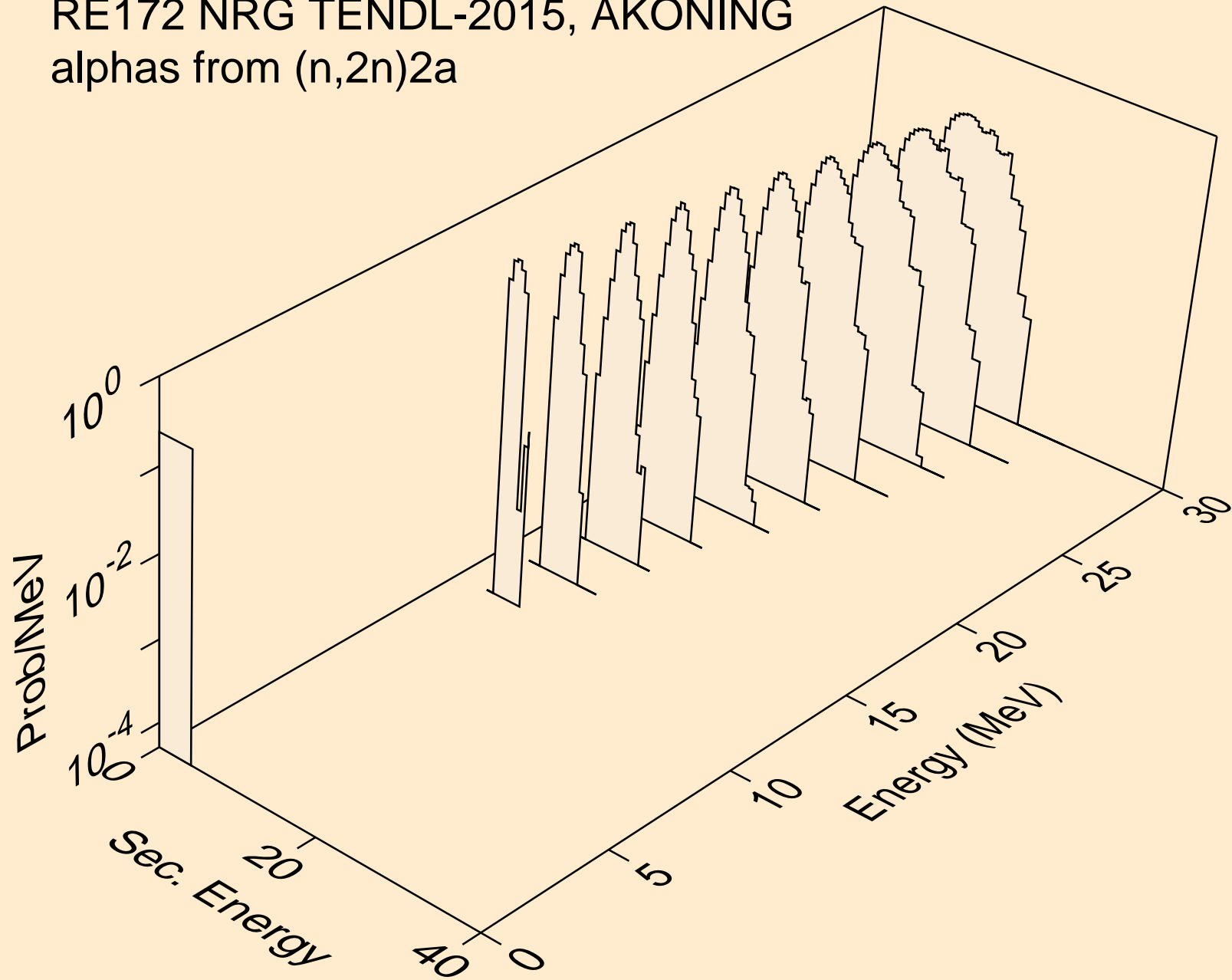
RE172 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



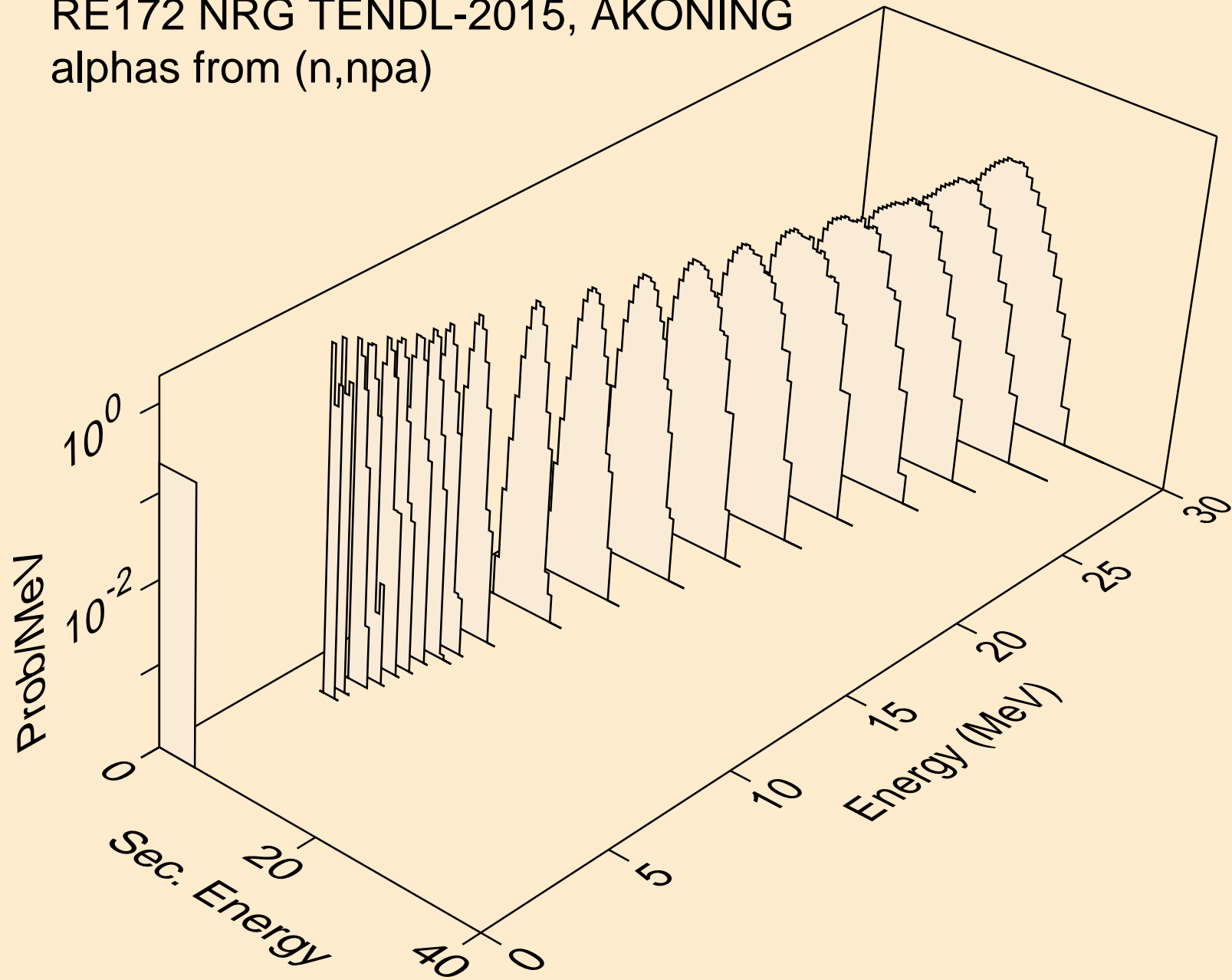
RE172 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



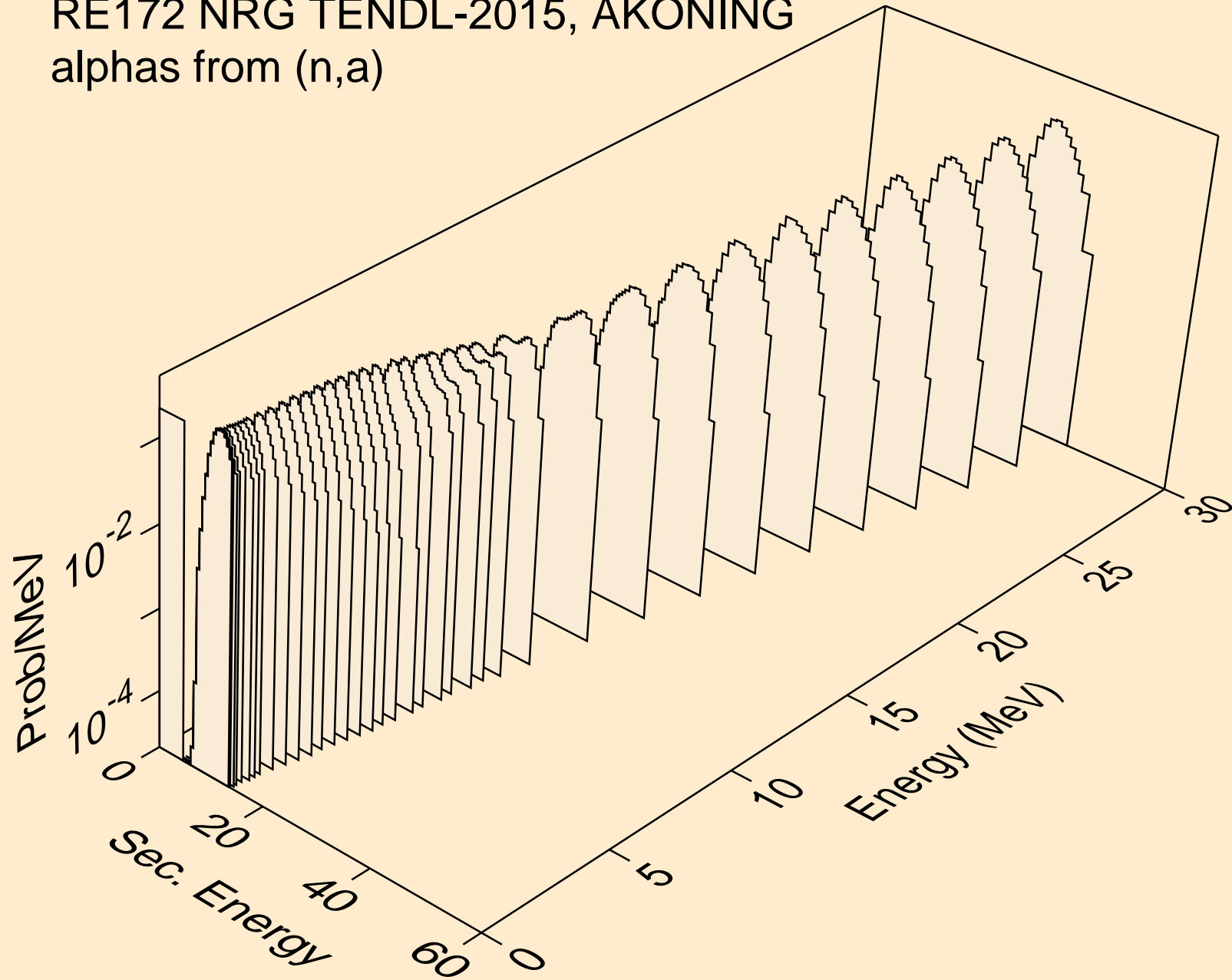
RE172 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



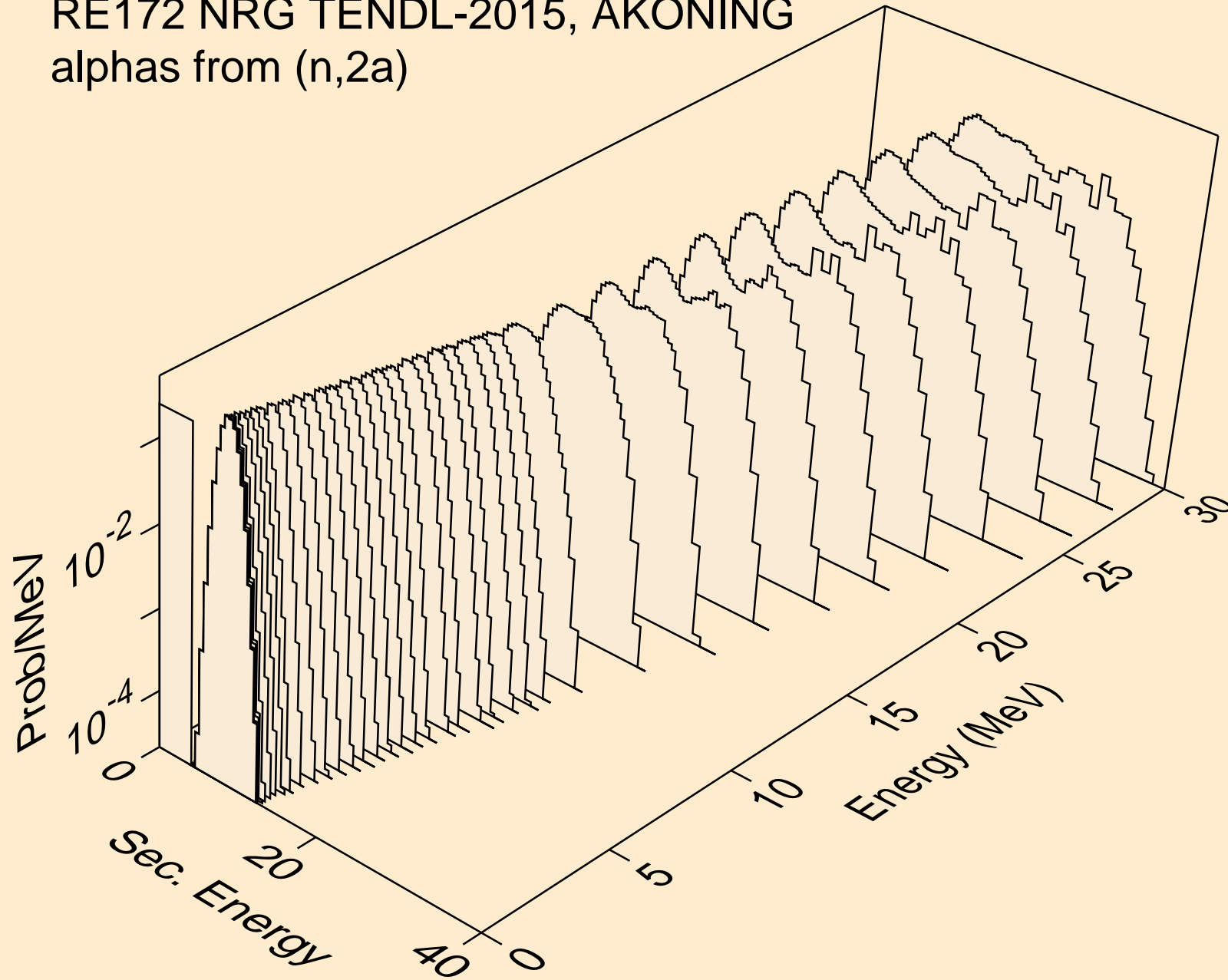
RE172 NRG TENDL-2015, AKONING  
alphas from (n,npa)



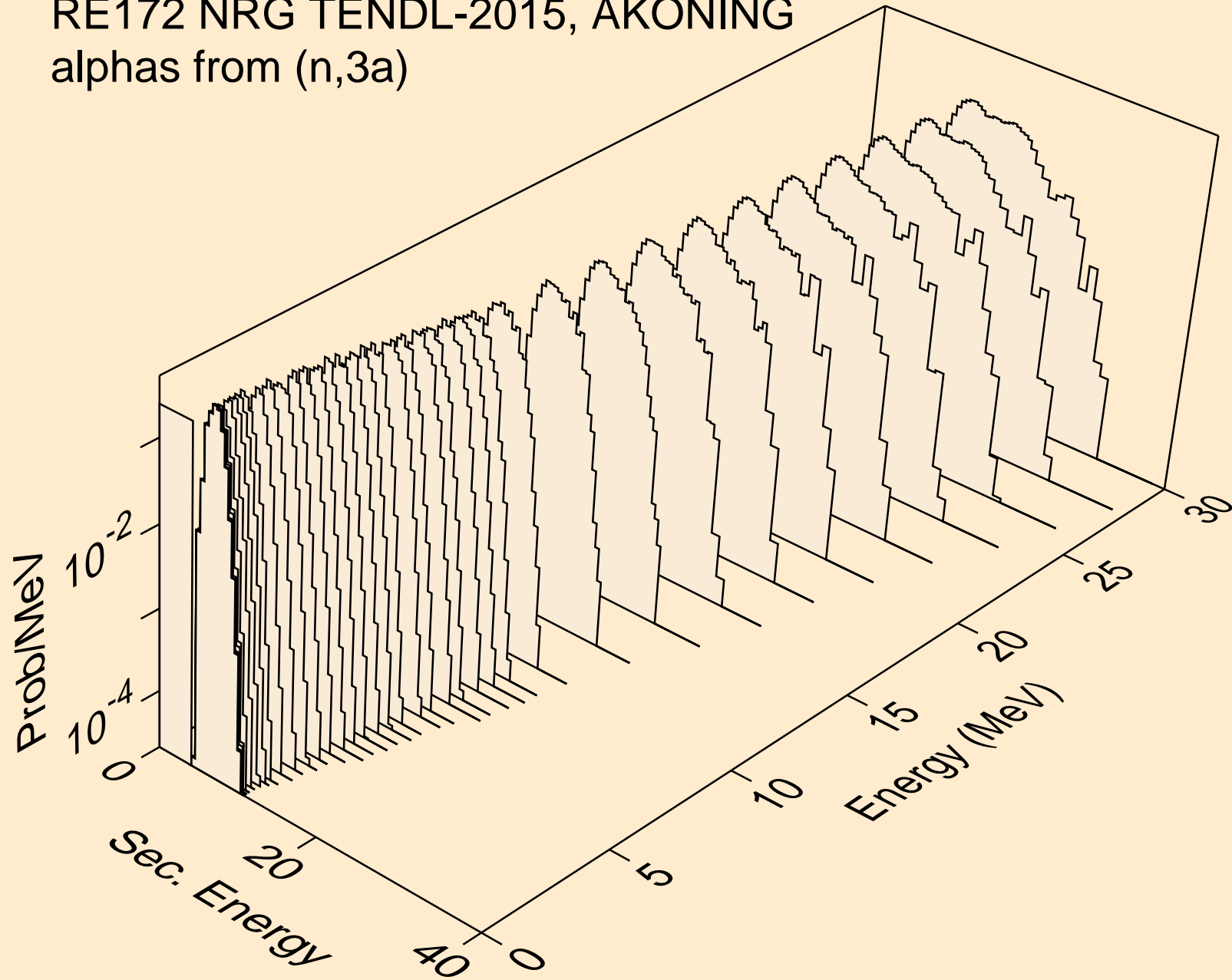
RE172 NRG TENDL-2015, AKONING  
alphas from (n,a)



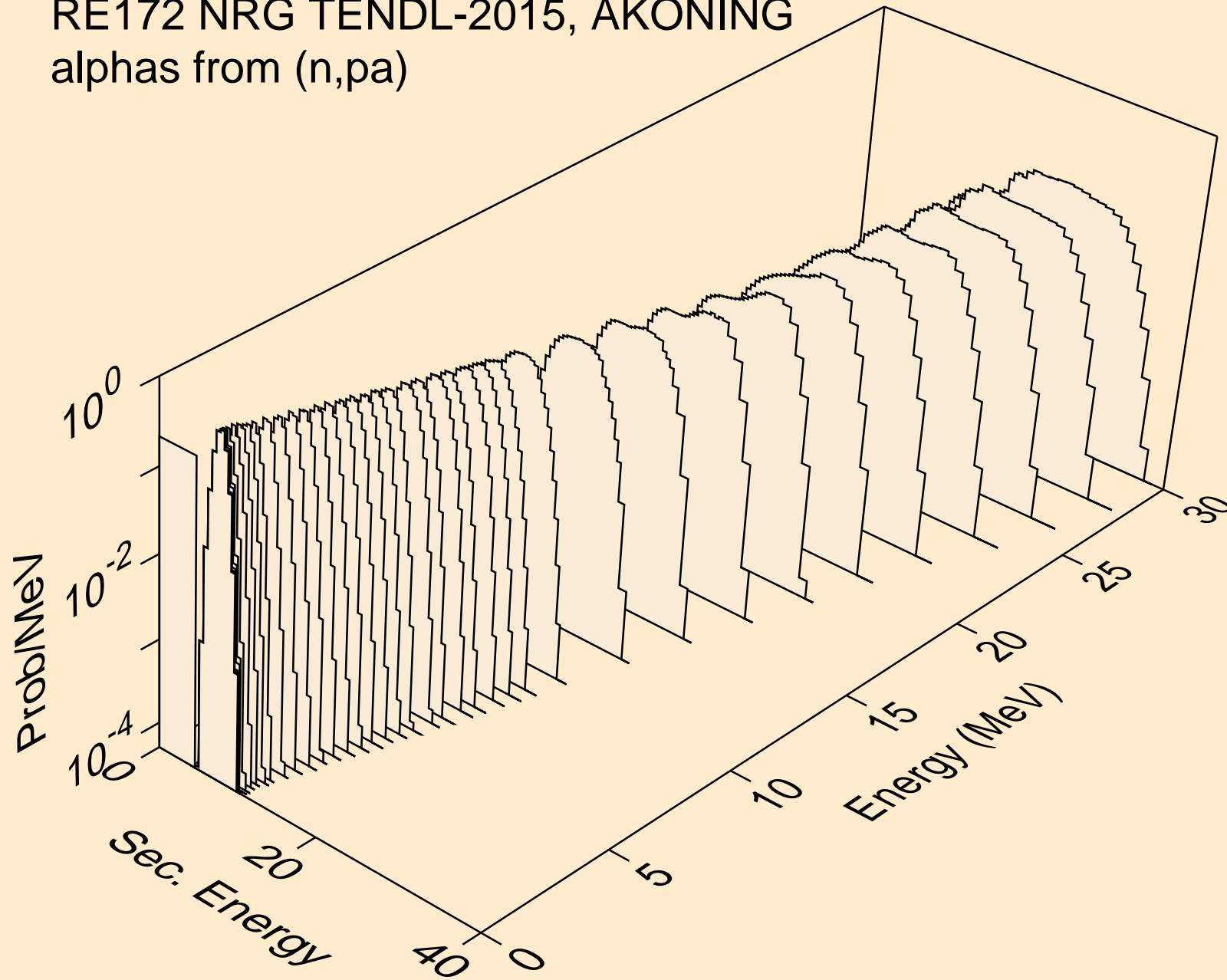
RE172 NRG TENDL-2015, AKONING  
alphas from (n,2a)



RE172 NRG TENDL-2015, AKONING  
alphas from (n,3a)

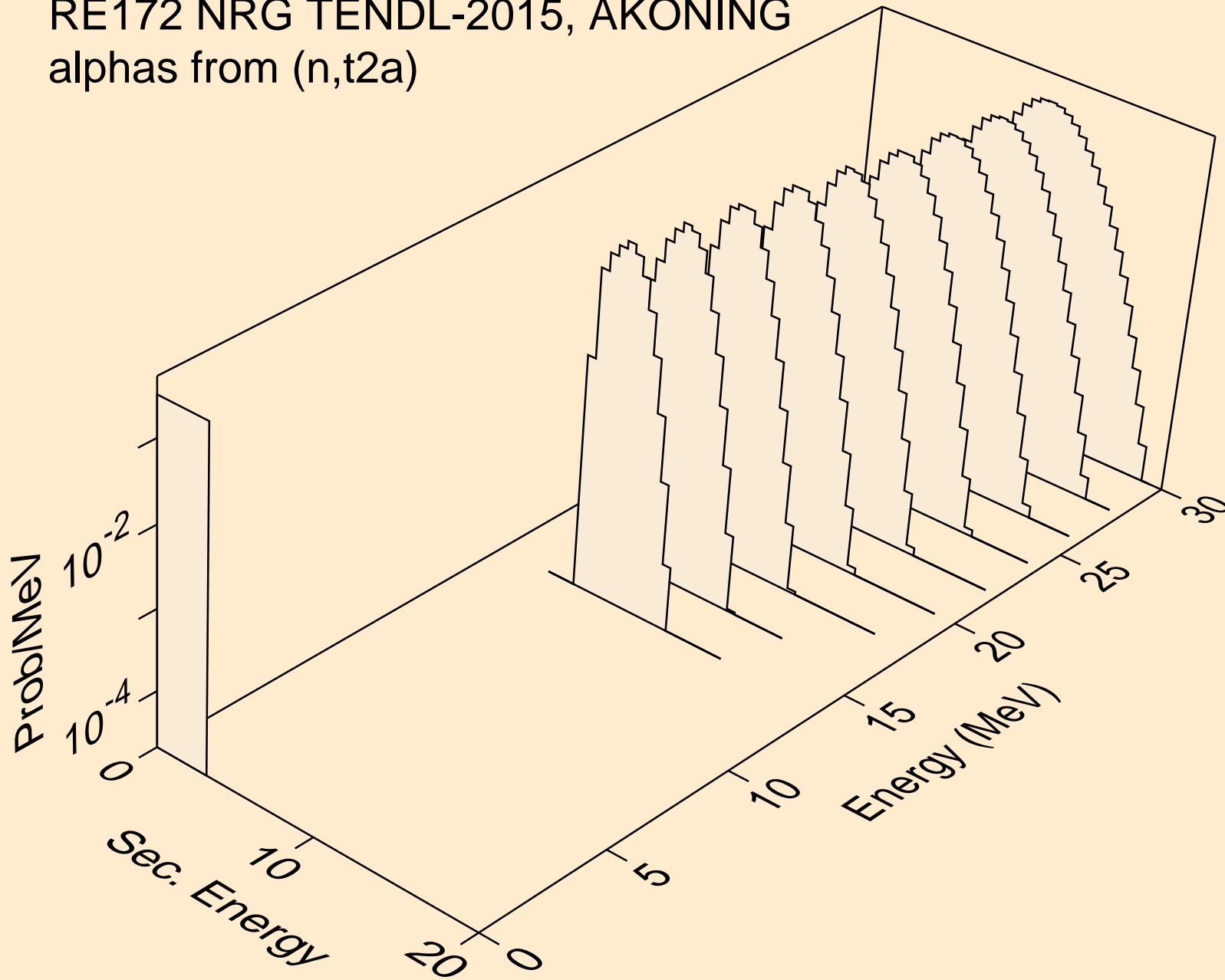


RE172 NRG TENDL-2015, AKONING  
alphas from (n,pa)

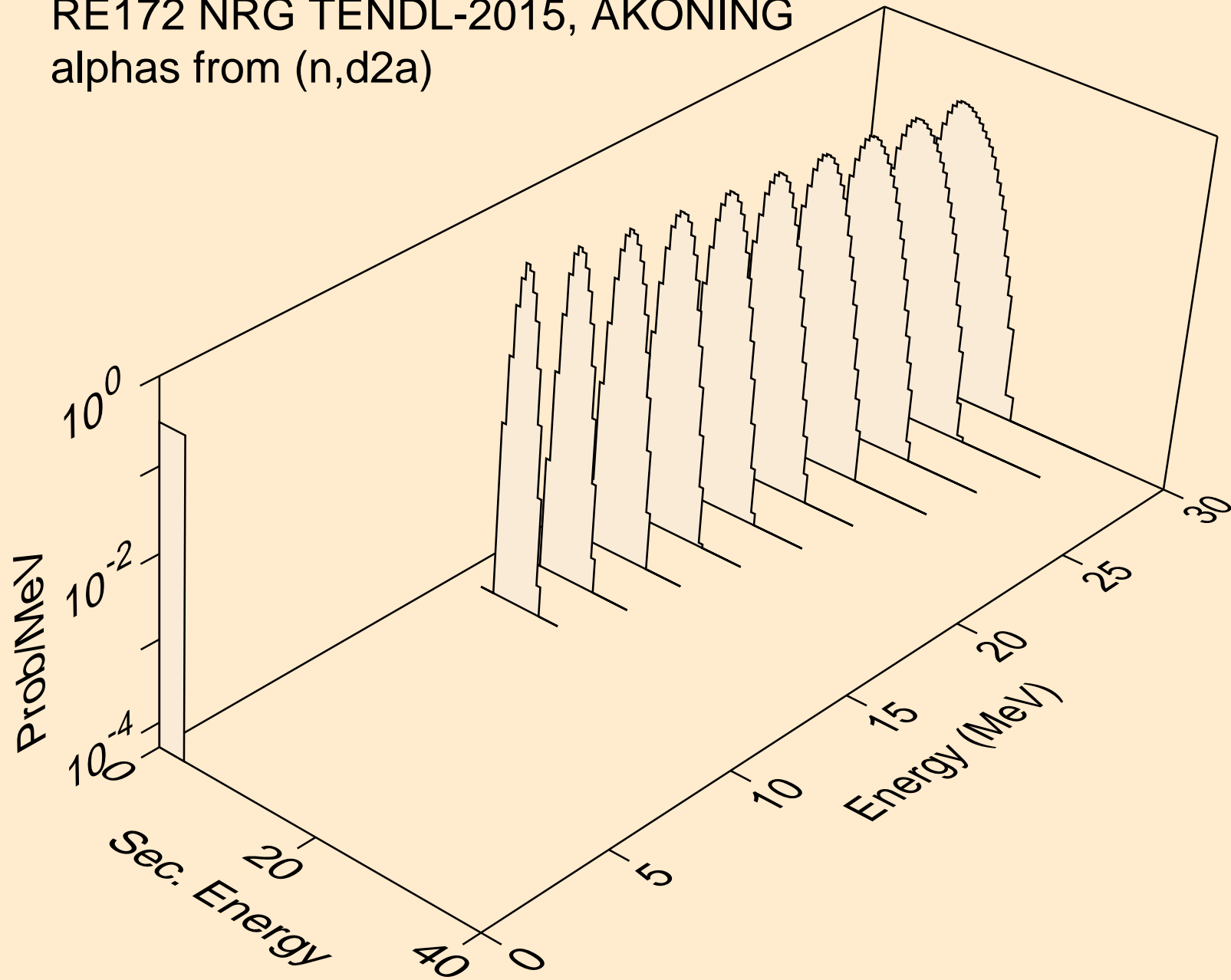




RE172 NRG TENDL-2015, AKONING  
alphas from (n,t2a)



RE172 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



RE172 NRG TENDL-2015, AKONING  
alphas from (n,da)

