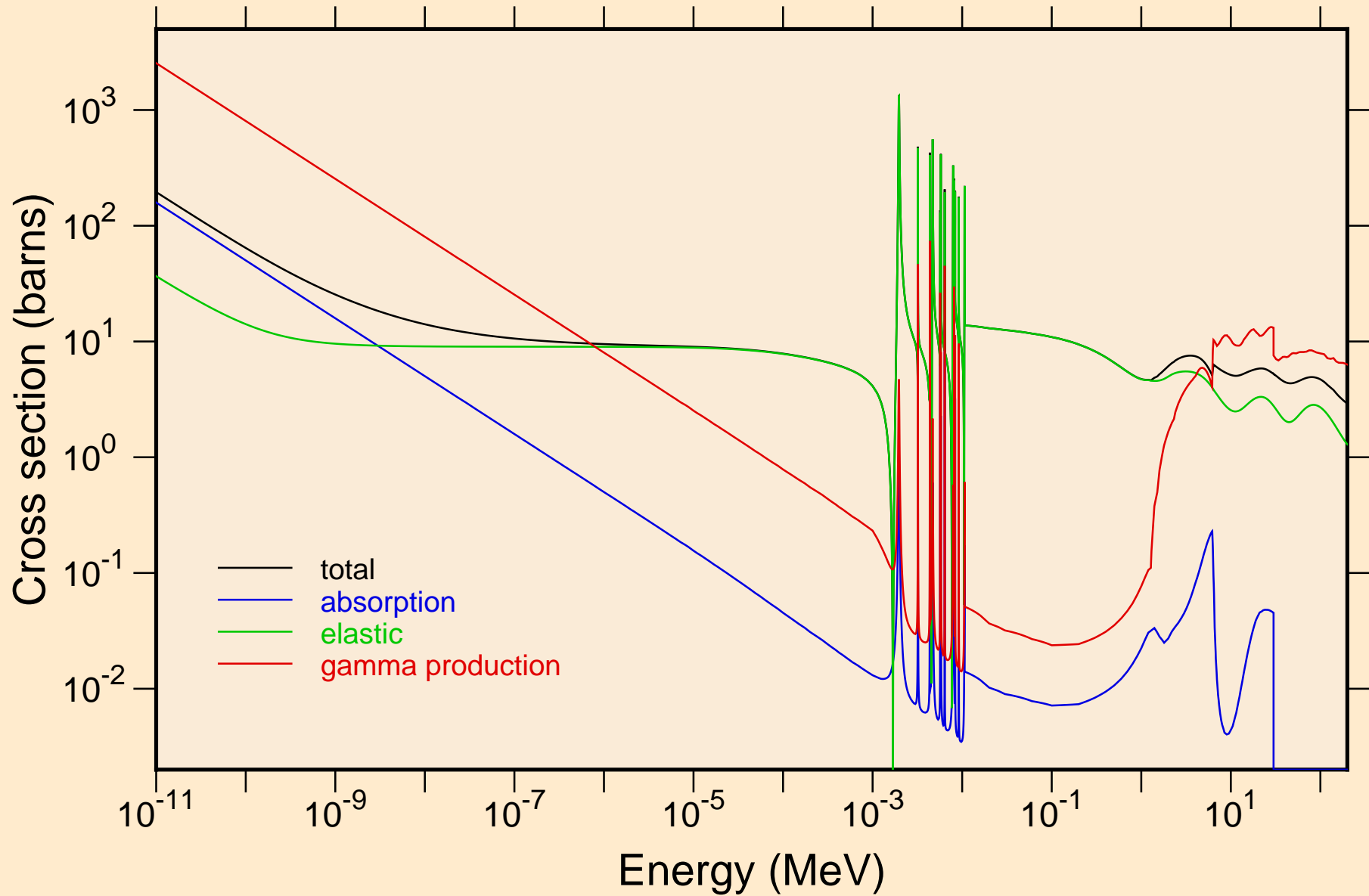
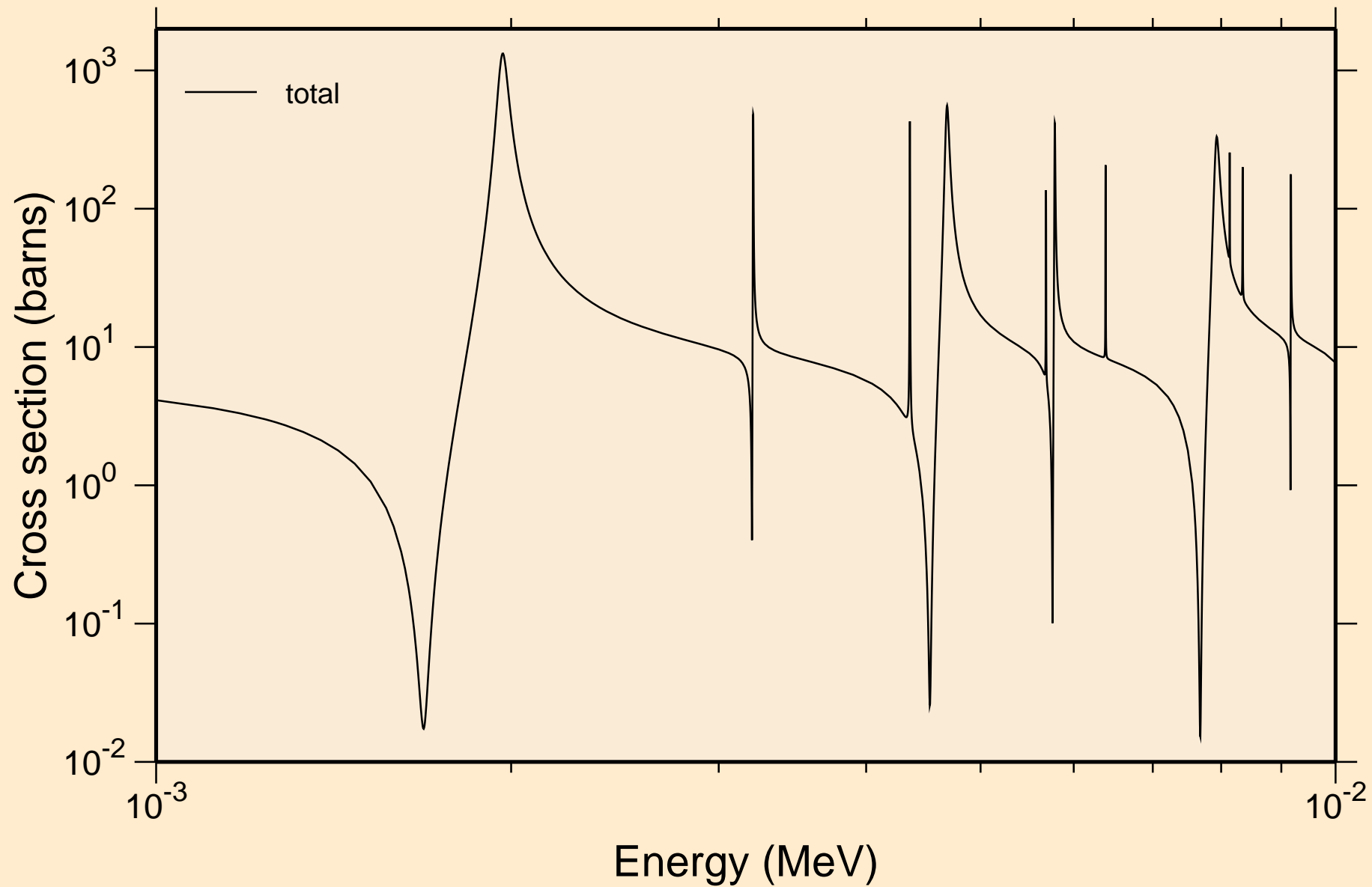


# RN212 NRG TENDL-2015, AKONING

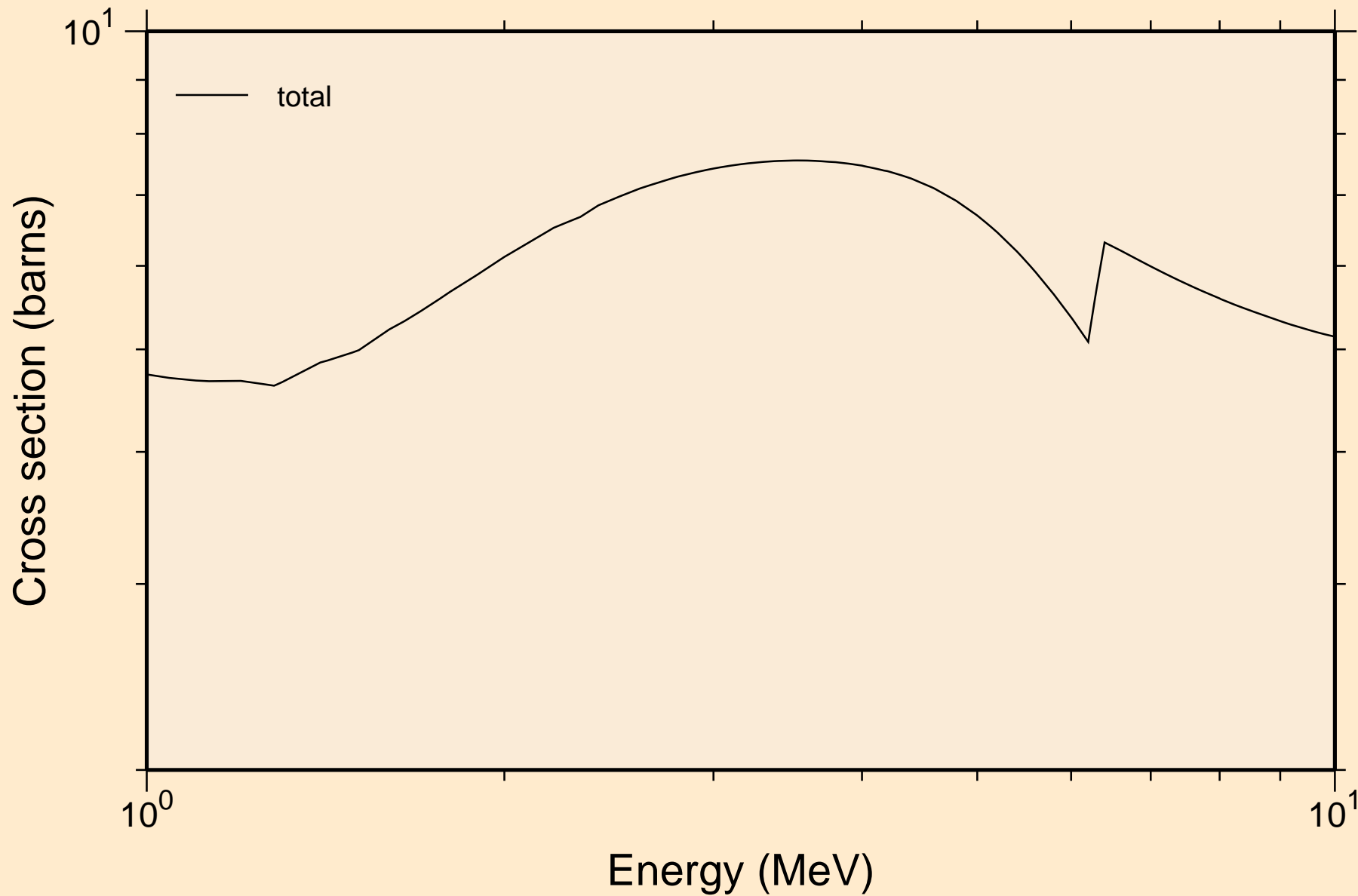
## Principal cross sections



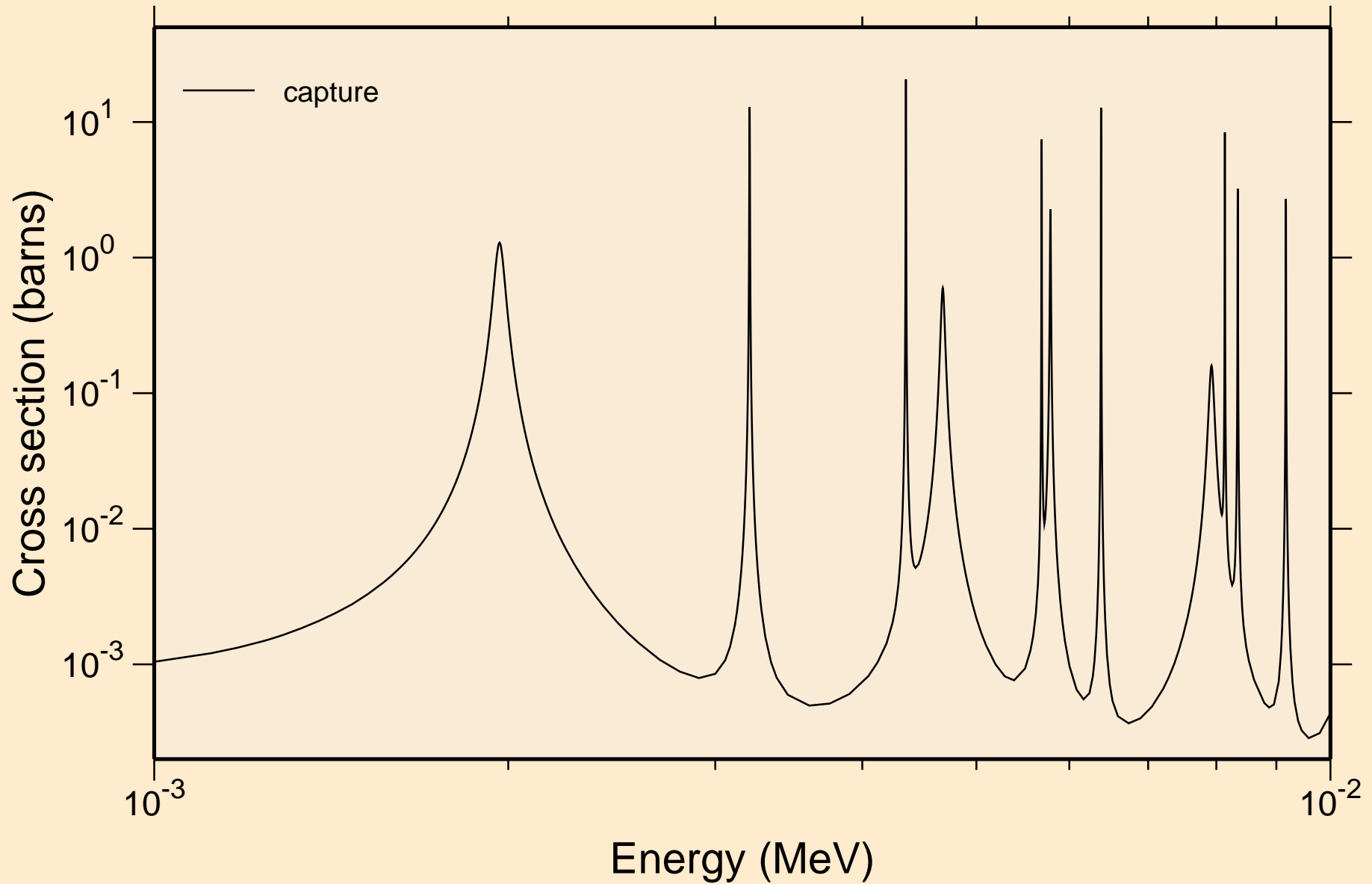
RN212 NRG TENDL-2015, AKONING  
resonance total cross section



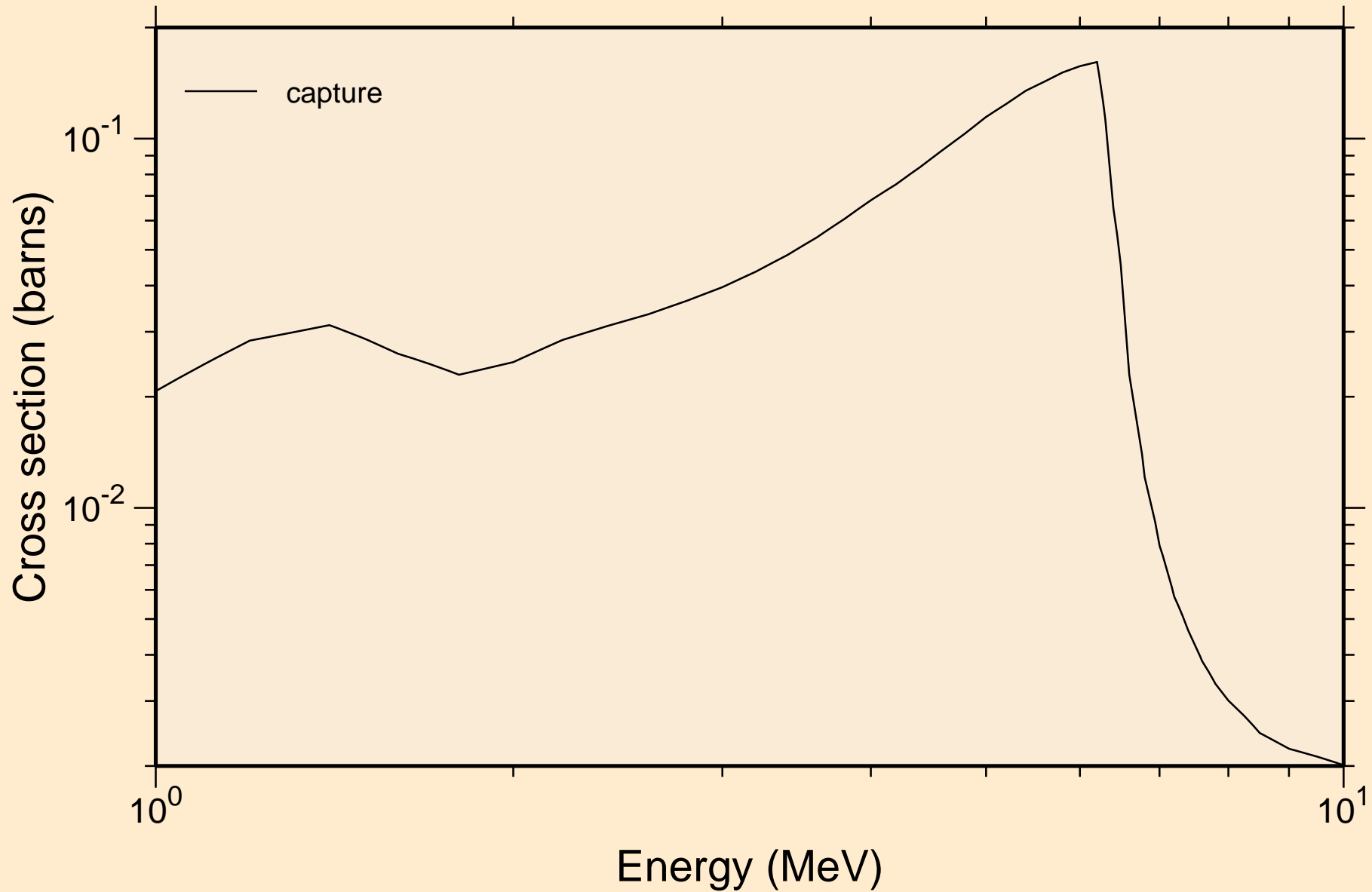
RN212 NRG TENDL-2015, AKONING  
resonance total cross section



# RN212 NRG TENDL-2015, AKONING resonance absorption cross sections

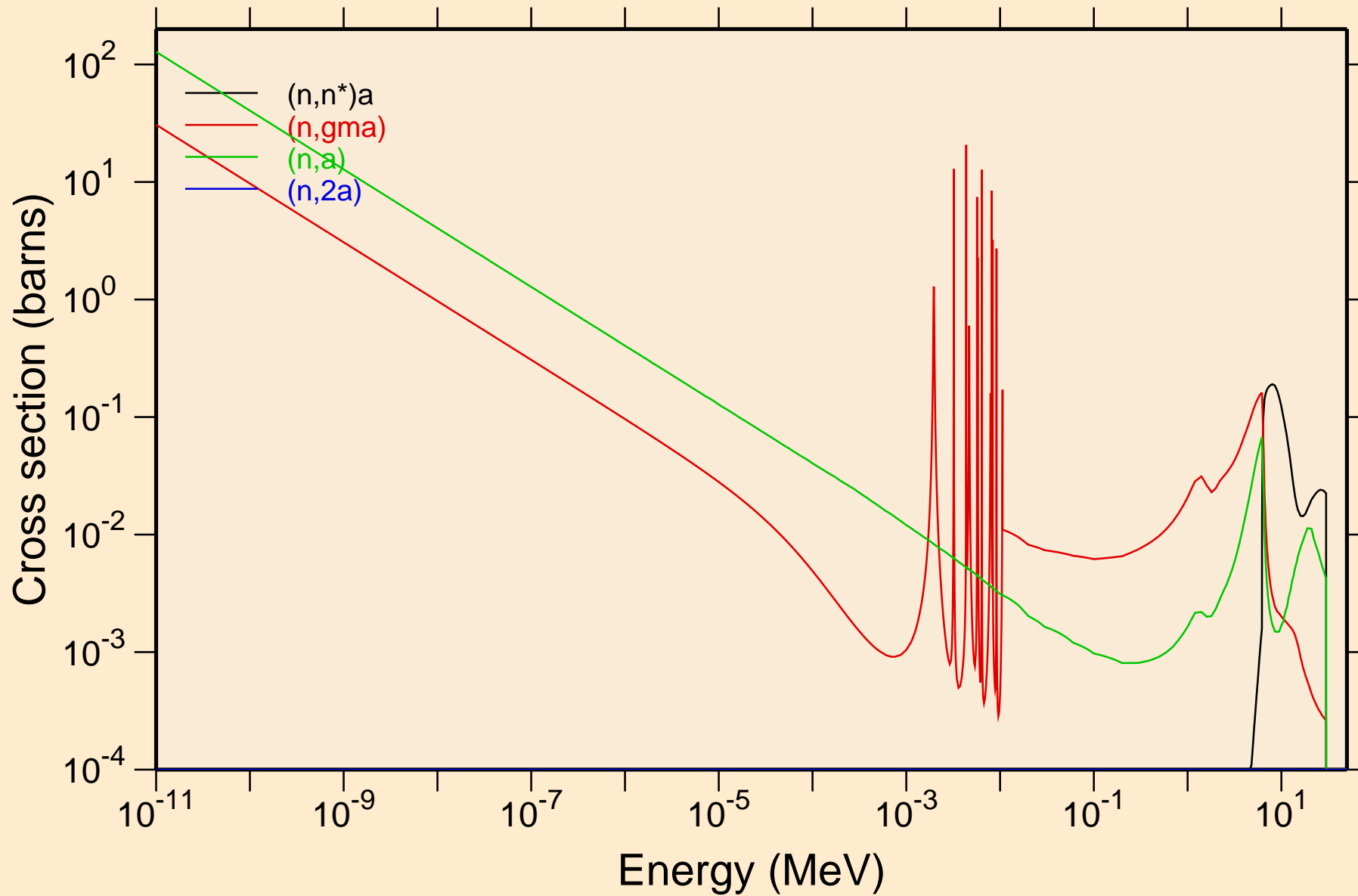


RN212 NRG TENDL-2015, AKONING  
resonance absorption cross sections



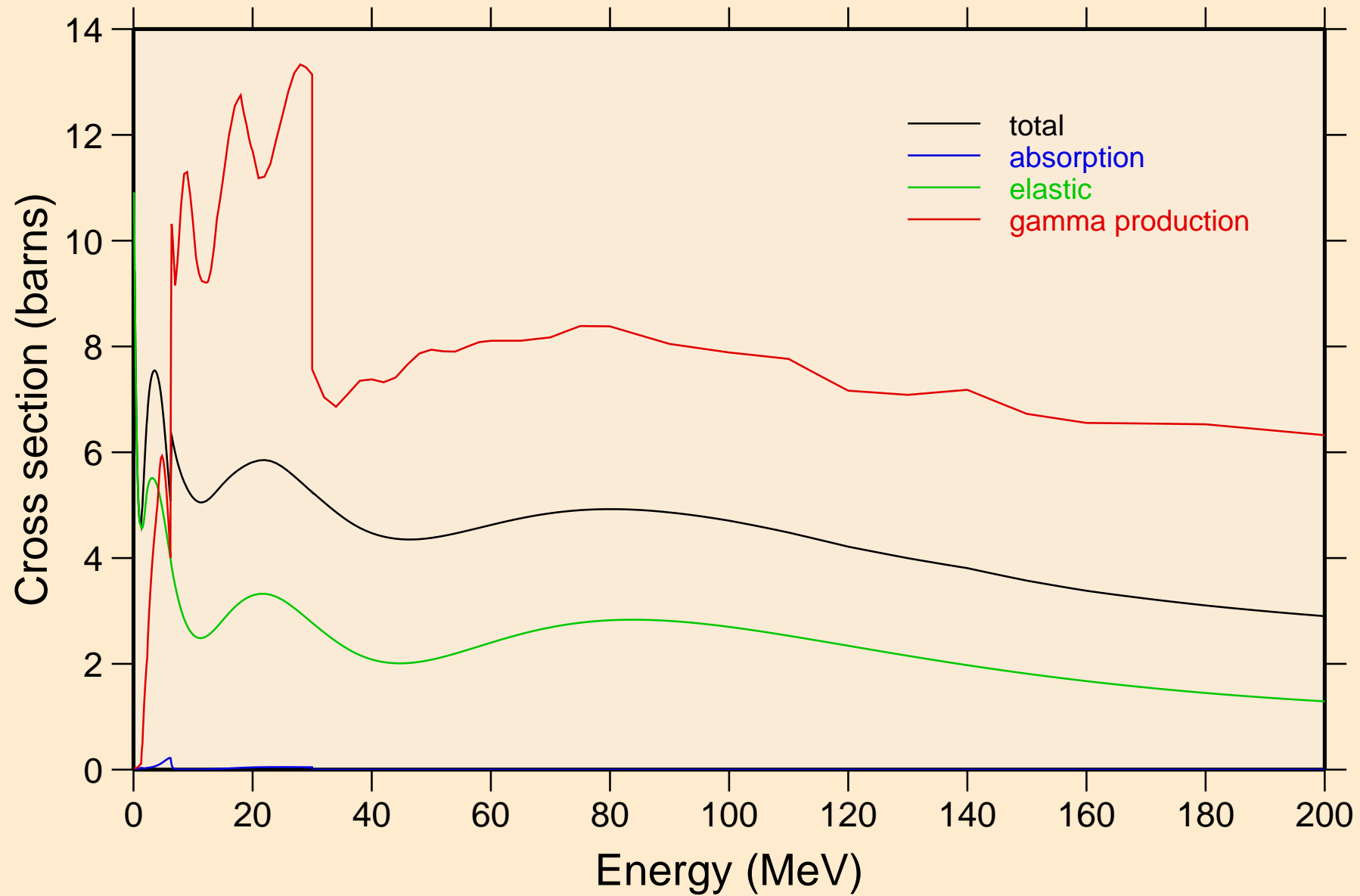
# RN212 NRG TENDL-2015, AKONING

## Non-threshold reactions



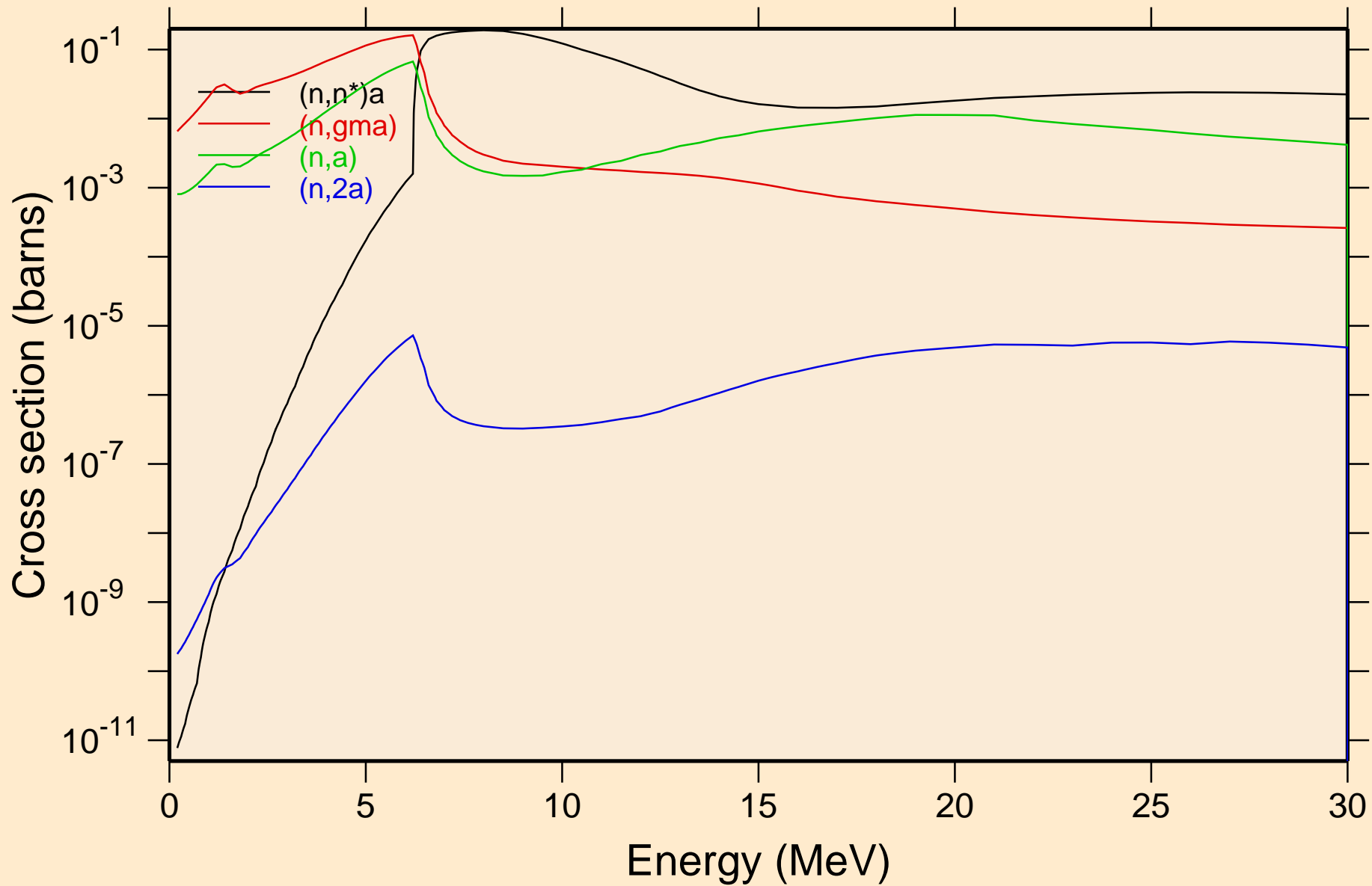
# RN212 NRG TENDL-2015, AKONING

## Principal cross sections



# RN212 NRG TENDL-2015, AKONING

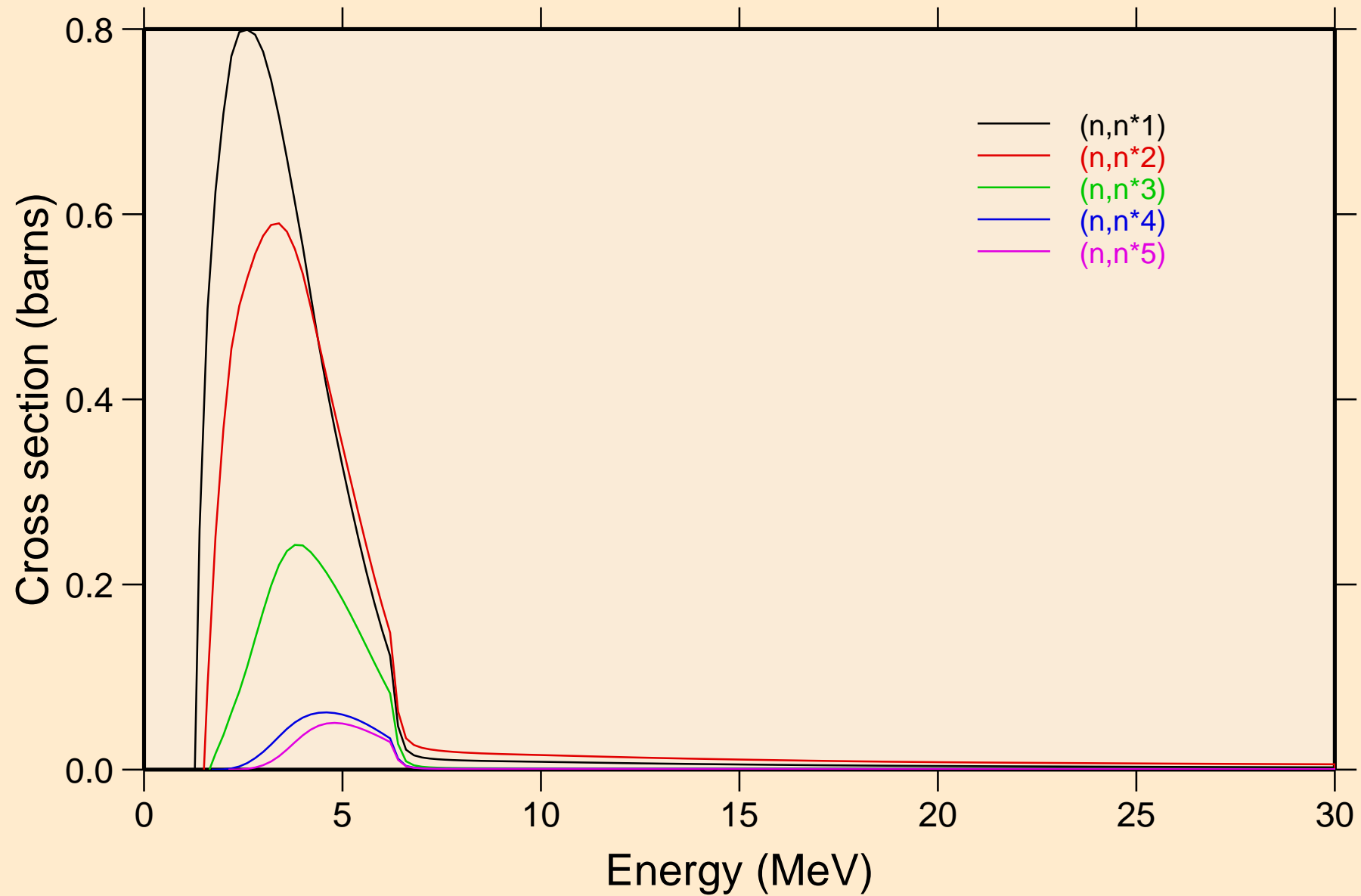
## Non-threshold reactions





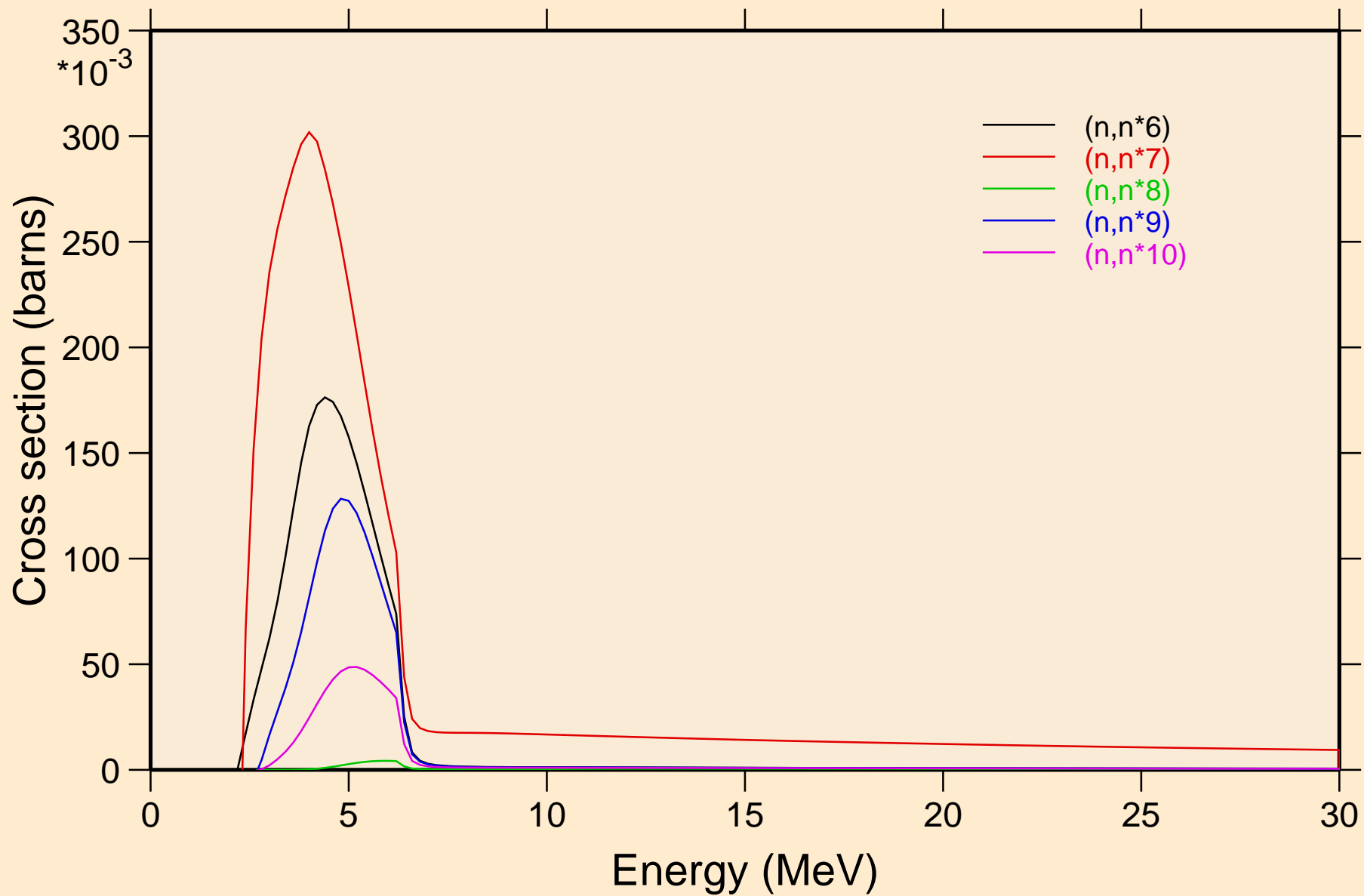
# RN212 NRG TENDL-2015, AKONING

## Inelastic levels



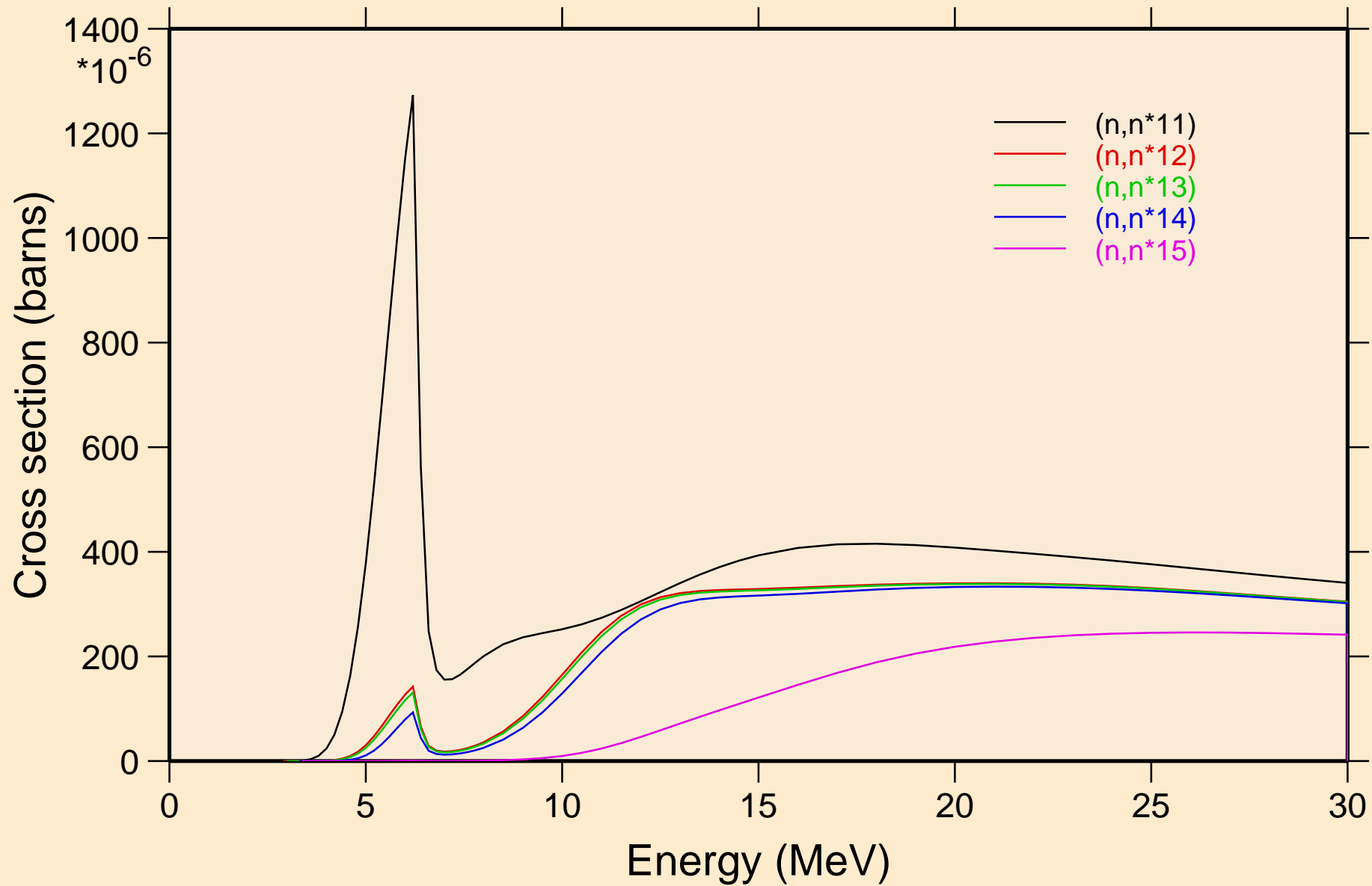
# RN212 NRG TENDL-2015, AKONING

## Inelastic levels



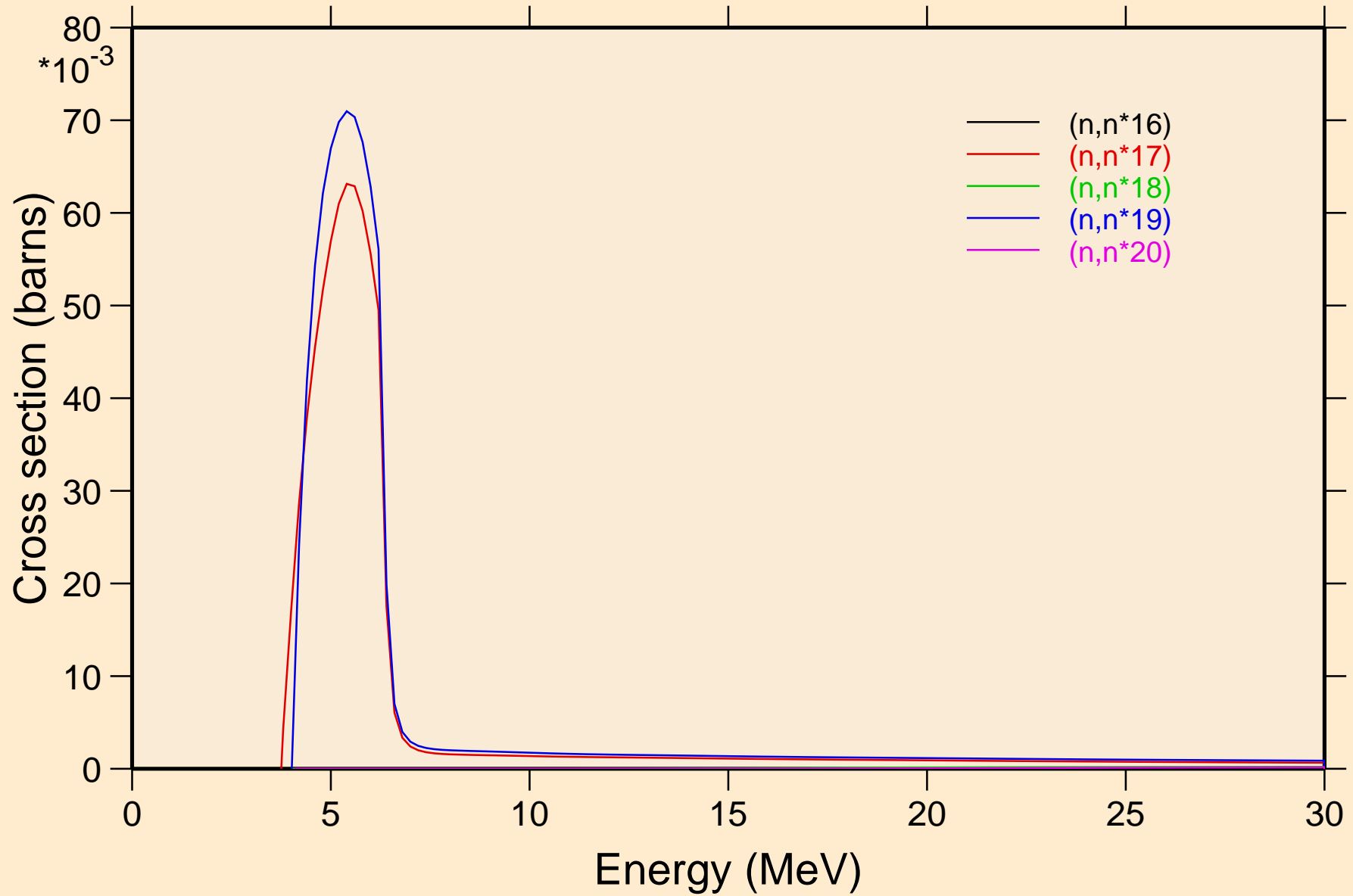
# RN212 NRG TENDL-2015, AKONING

## Inelastic levels



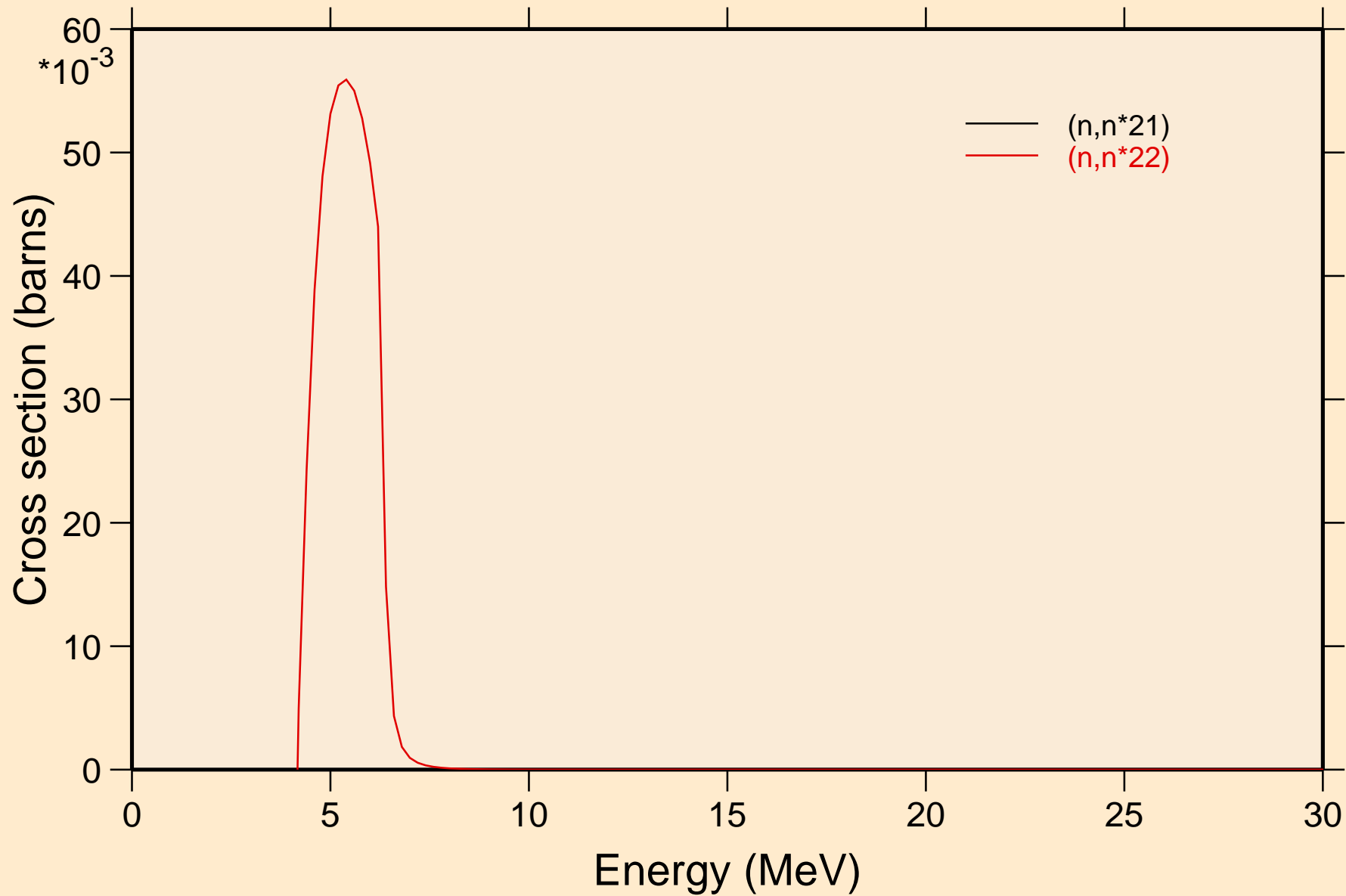
# RN212 NRG TENDL-2015, AKONING

## Inelastic levels



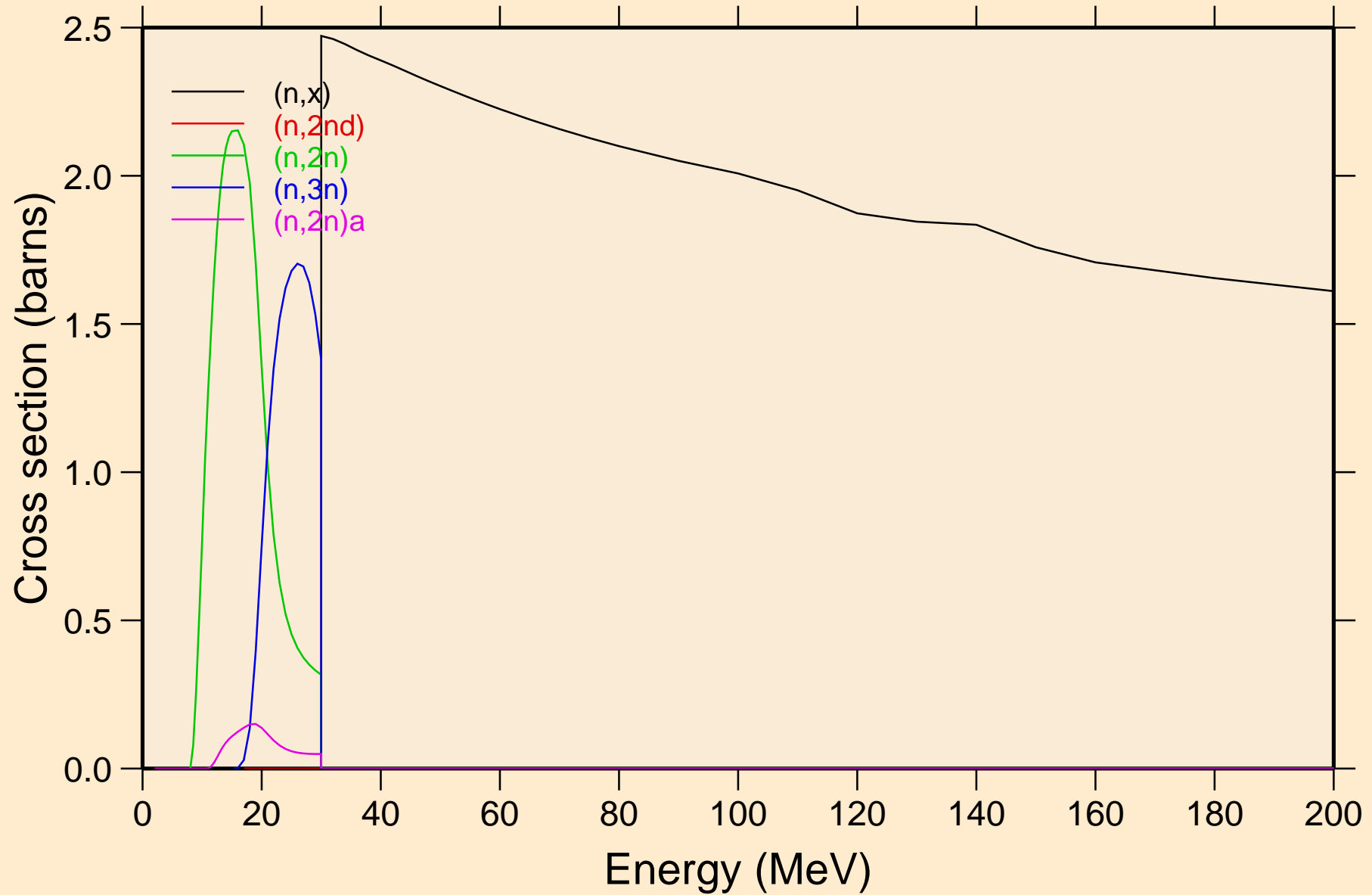
# RN212 NRG TENDL-2015, AKONING

## Inelastic levels



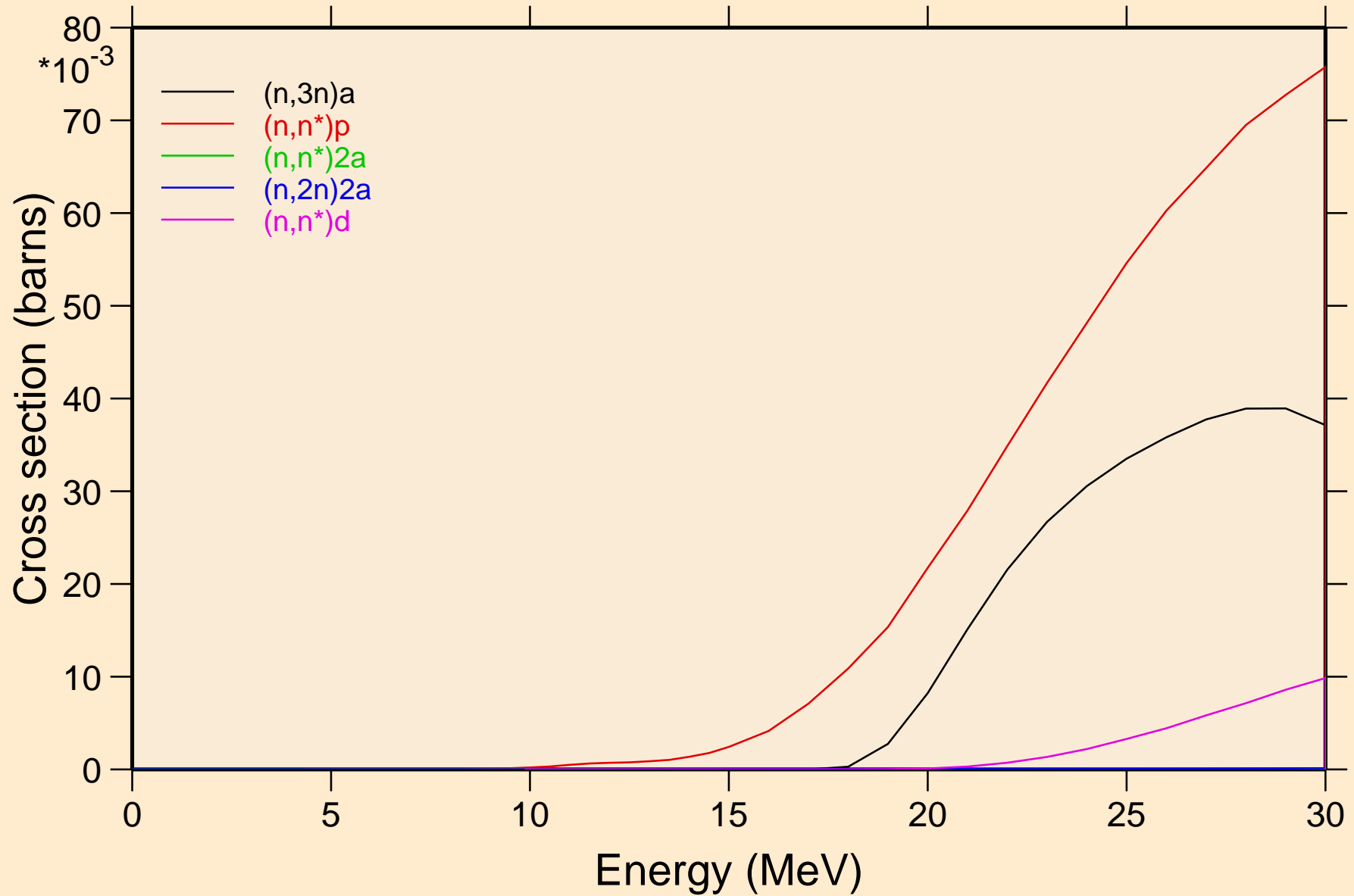
# RN212 NRG TENDL-2015, AKONING

## Threshold reactions



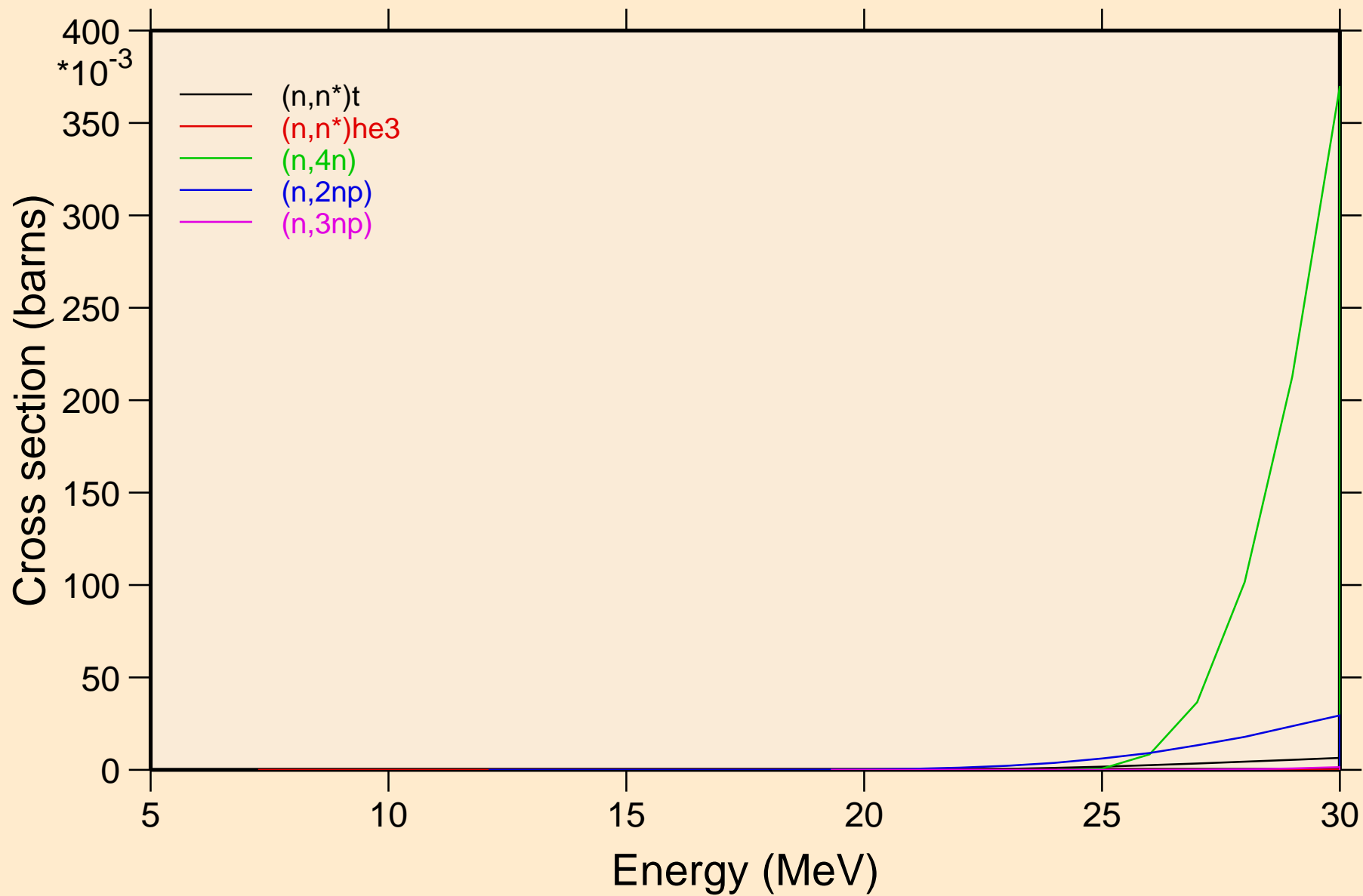
# RN212 NRG TENDL-2015, AKONING

## Threshold reactions



# RN212 NRG TENDL-2015, AKONING

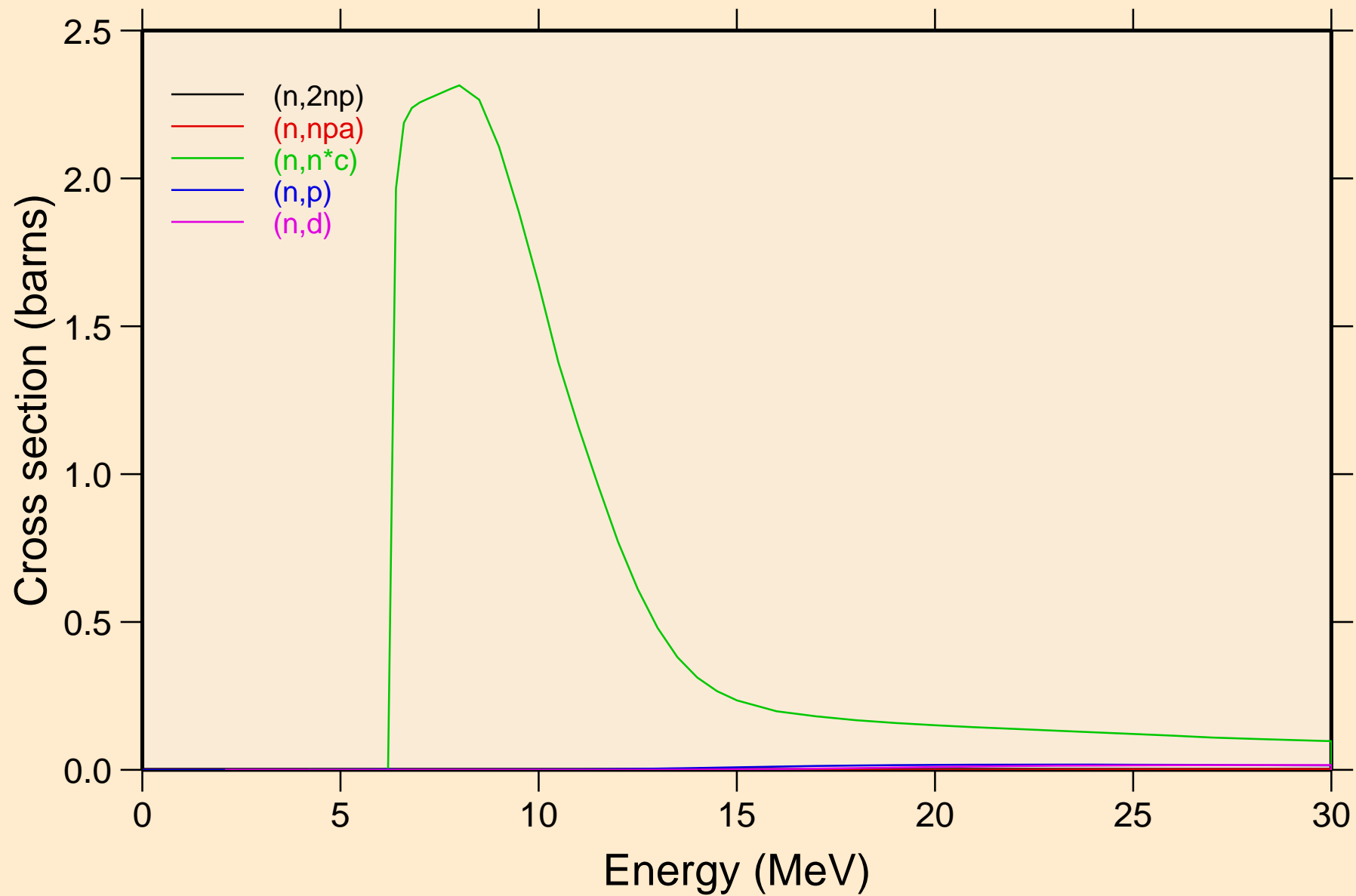
## Threshold reactions





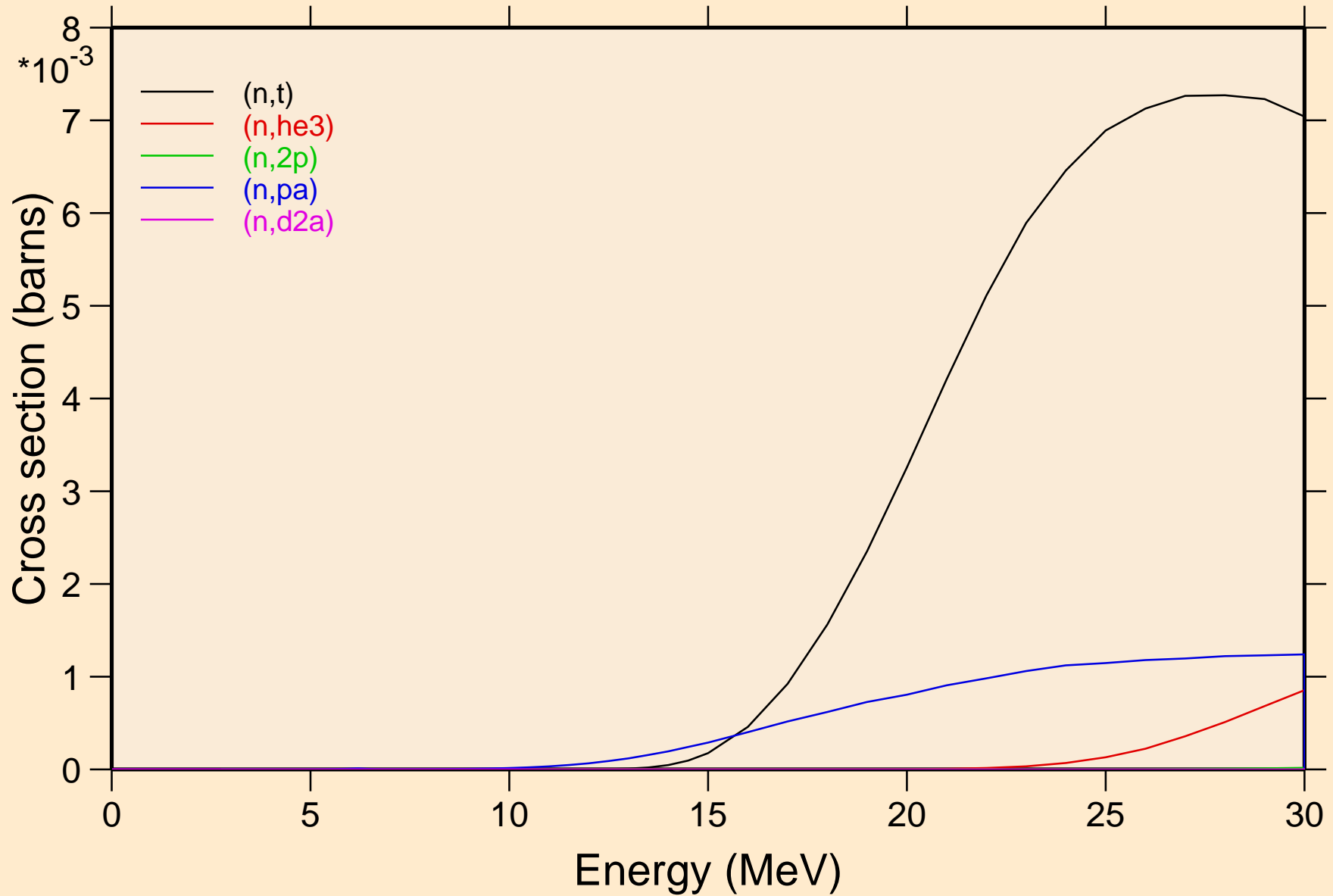
# RN212 NRG TENDL-2015, AKONING

## Threshold reactions



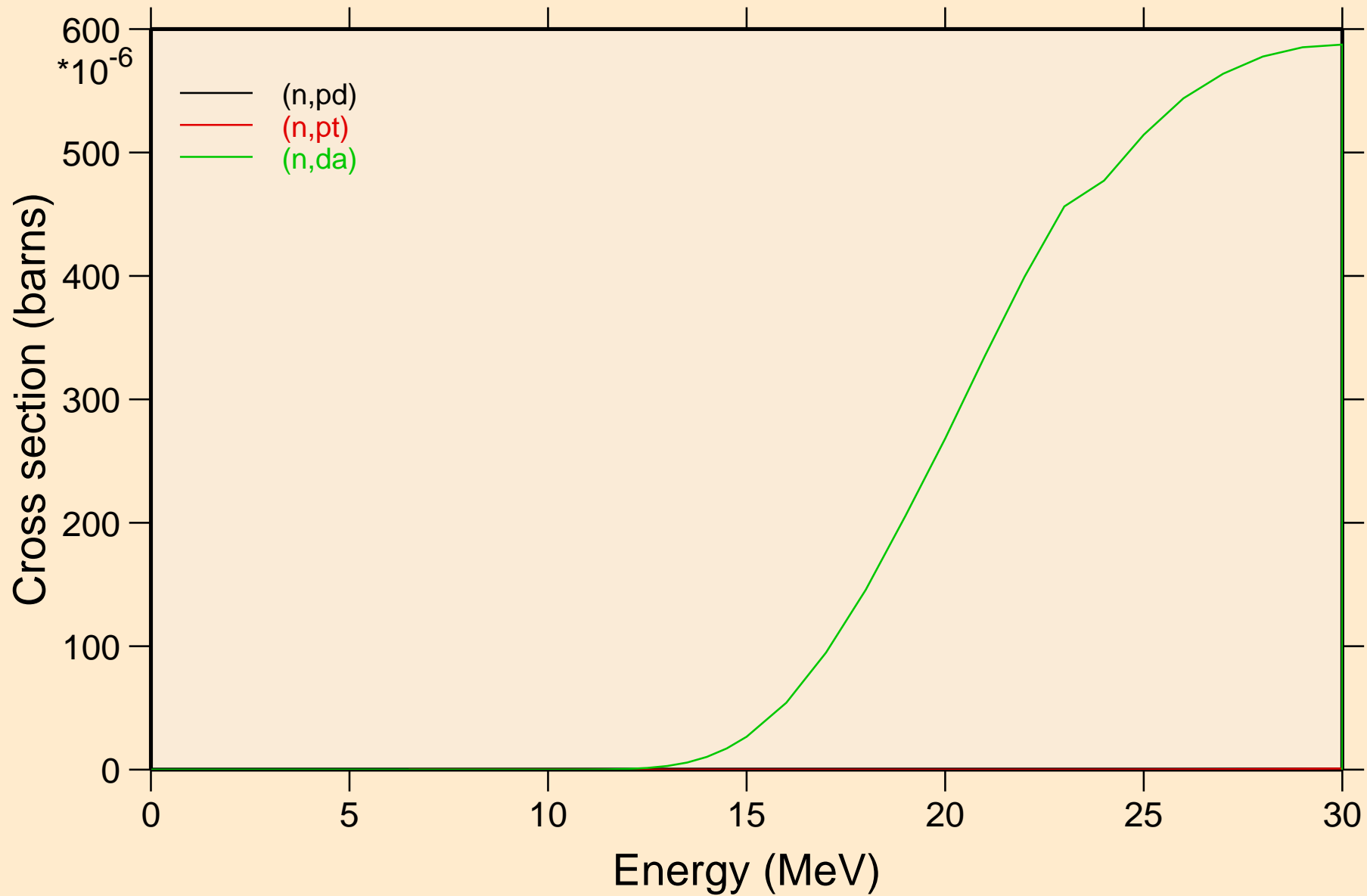
# RN212 NRG TENDL-2015, AKONING

## Threshold reactions

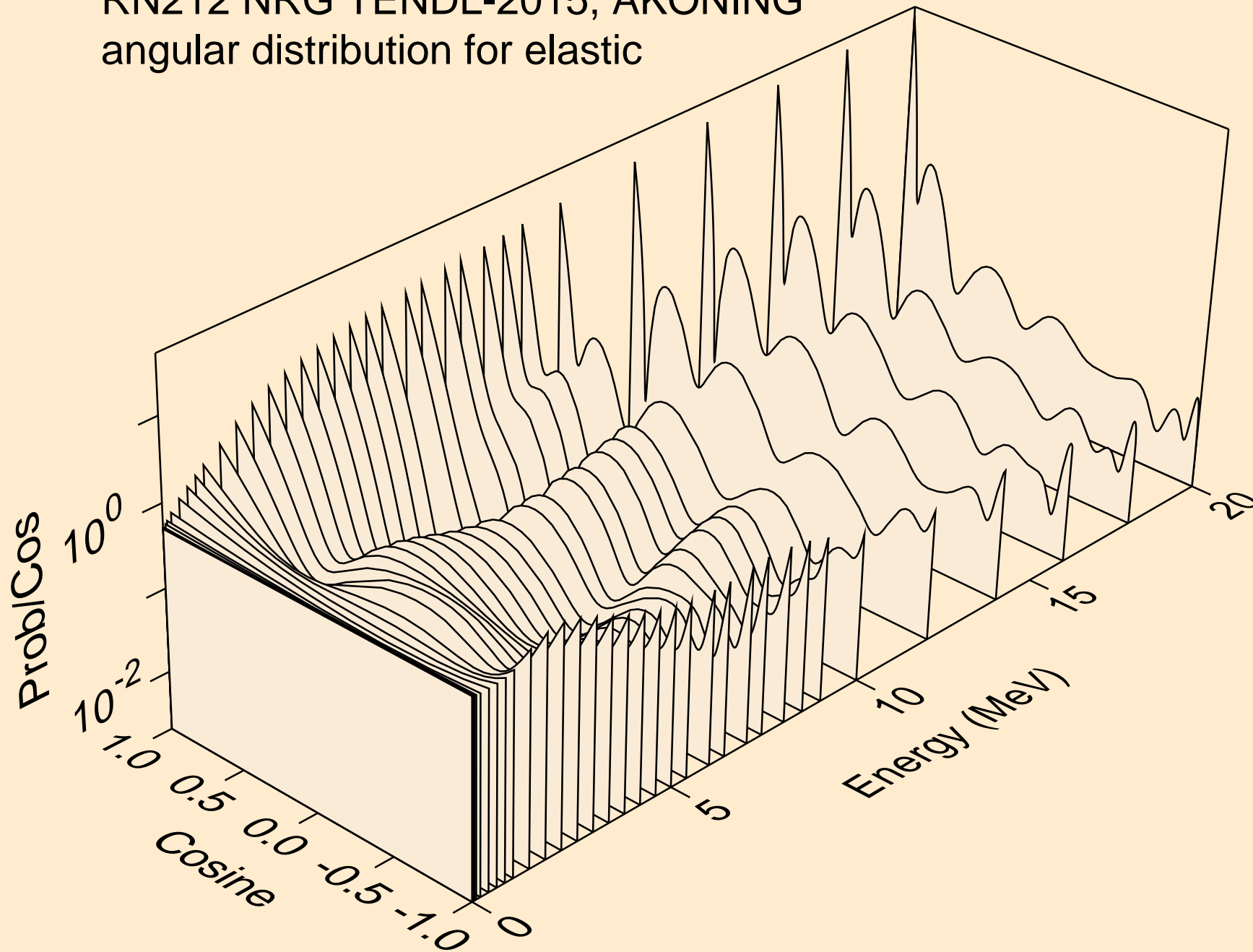


# RN212 NRG TENDL-2015, AKONING

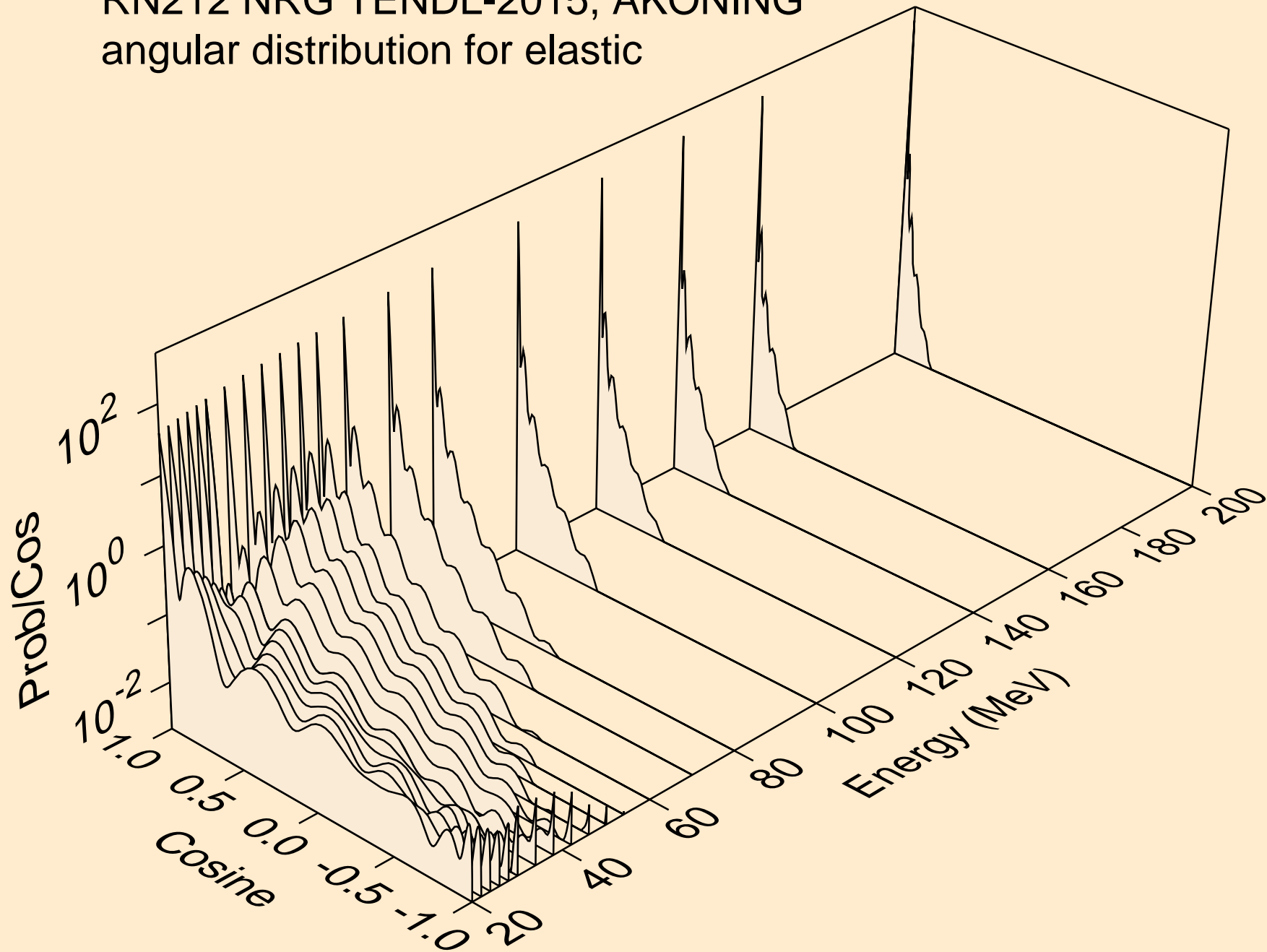
## Threshold reactions



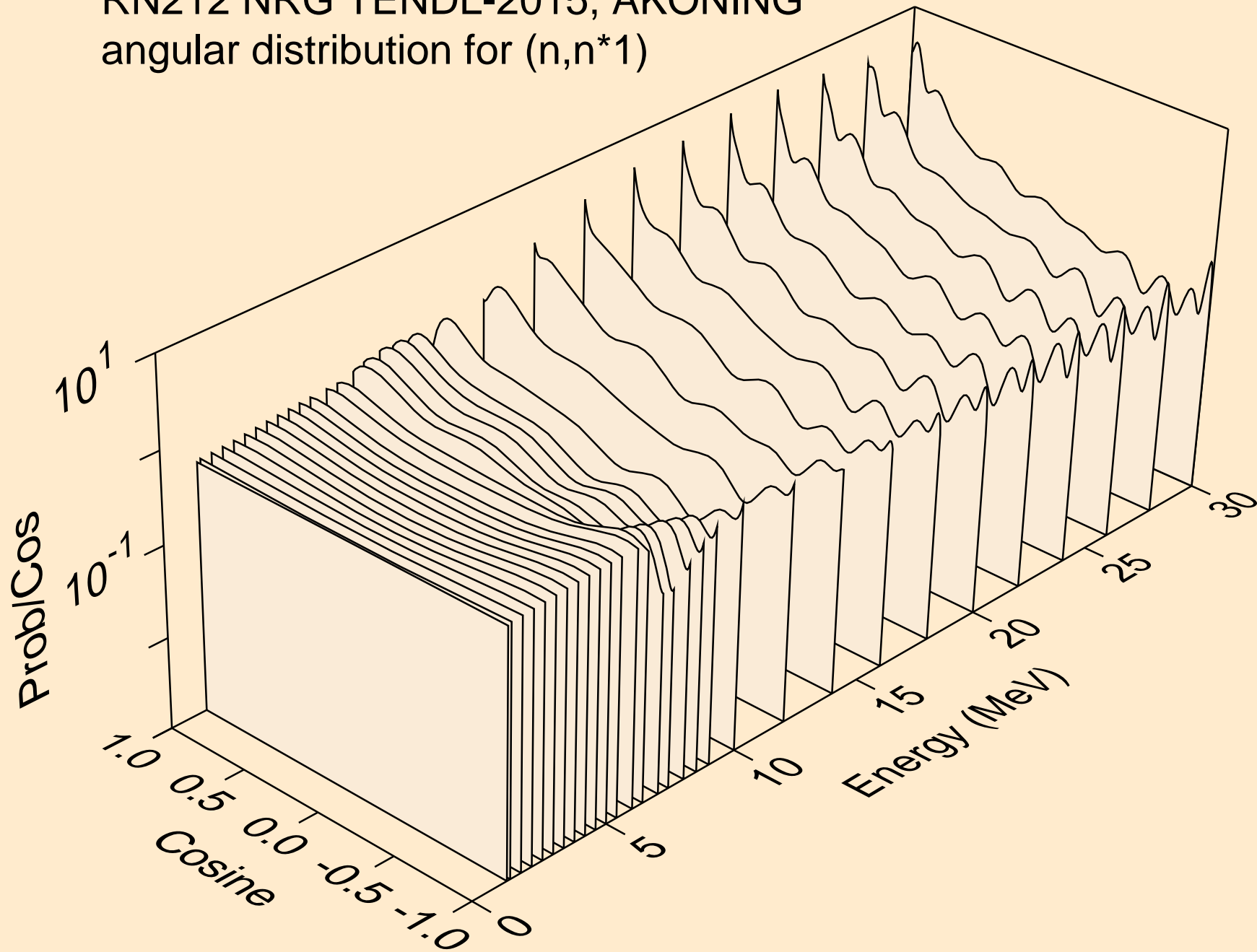
RN212 NRG TENDL-2015, AKONING  
angular distribution for elastic



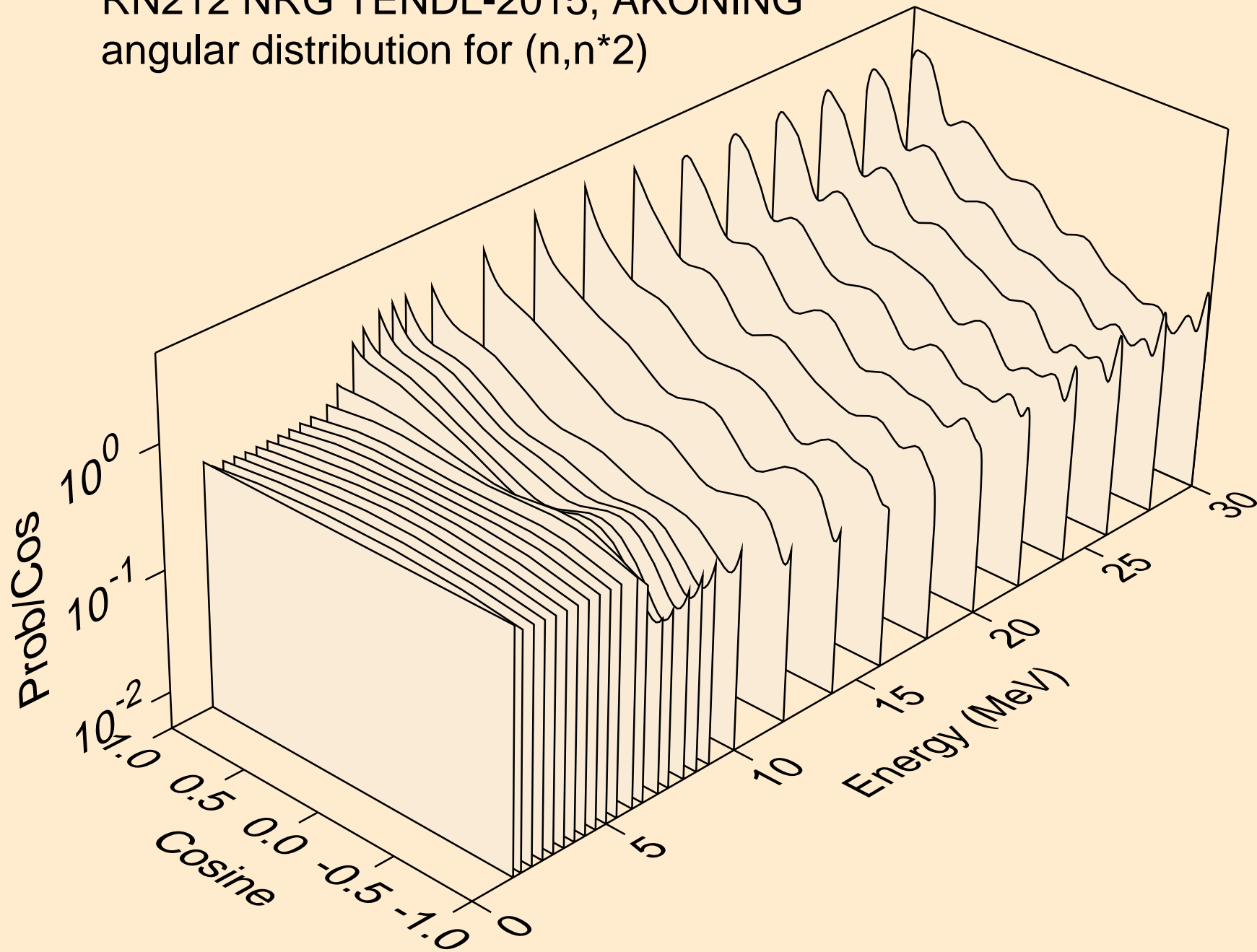
RN212 NRG TENDL-2015, AKONING  
angular distribution for elastic



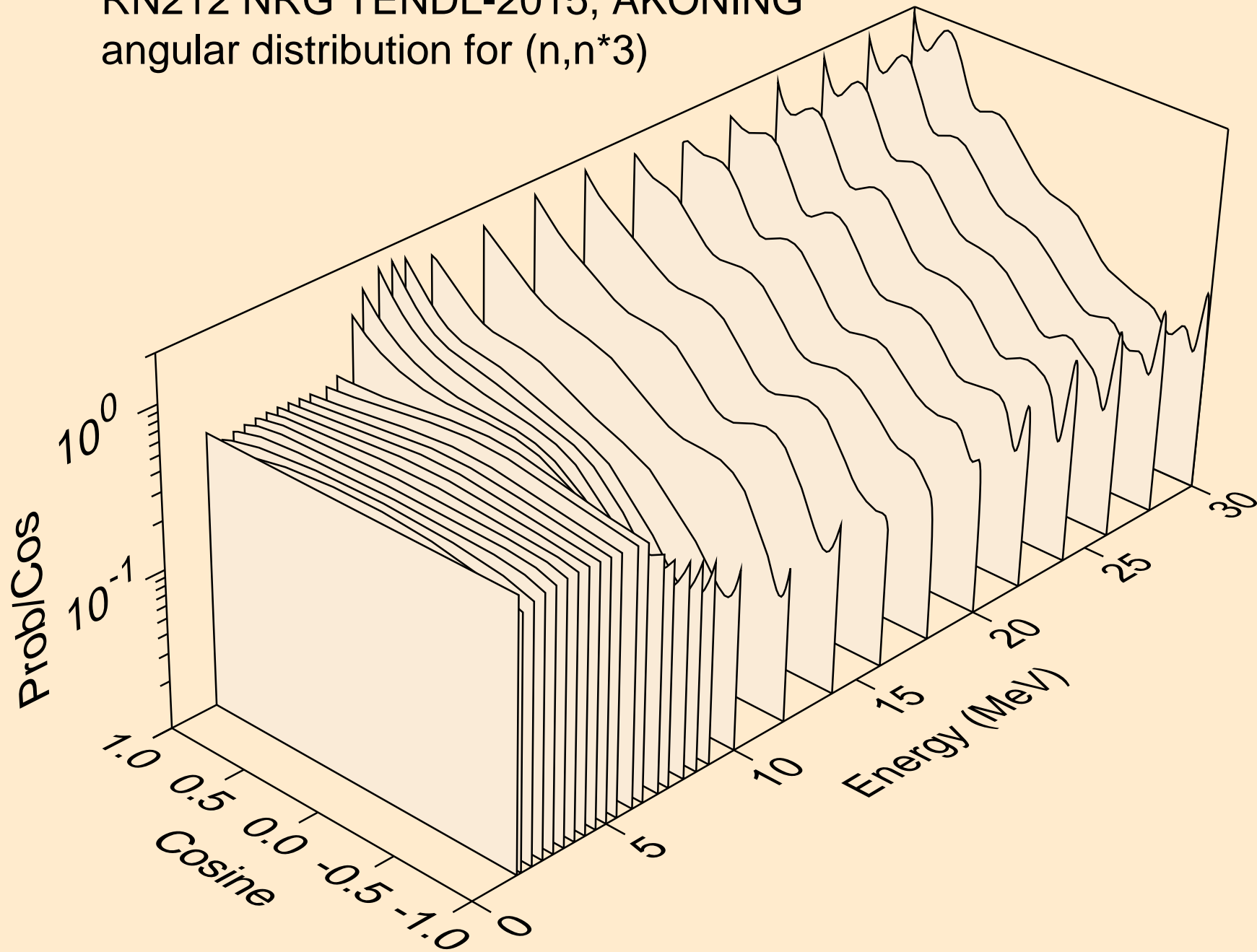
RN212 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



RN212 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)

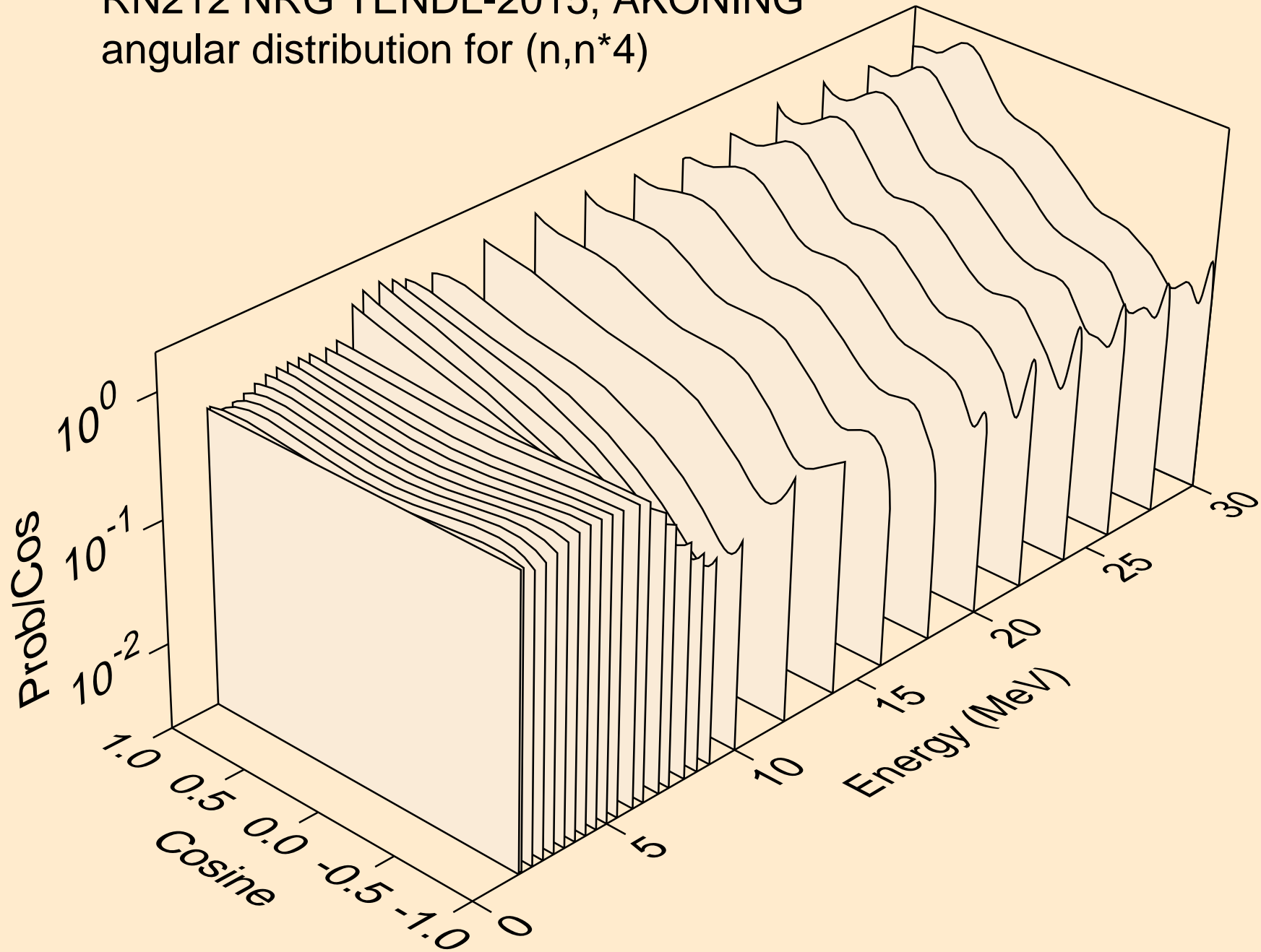


RN212 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)

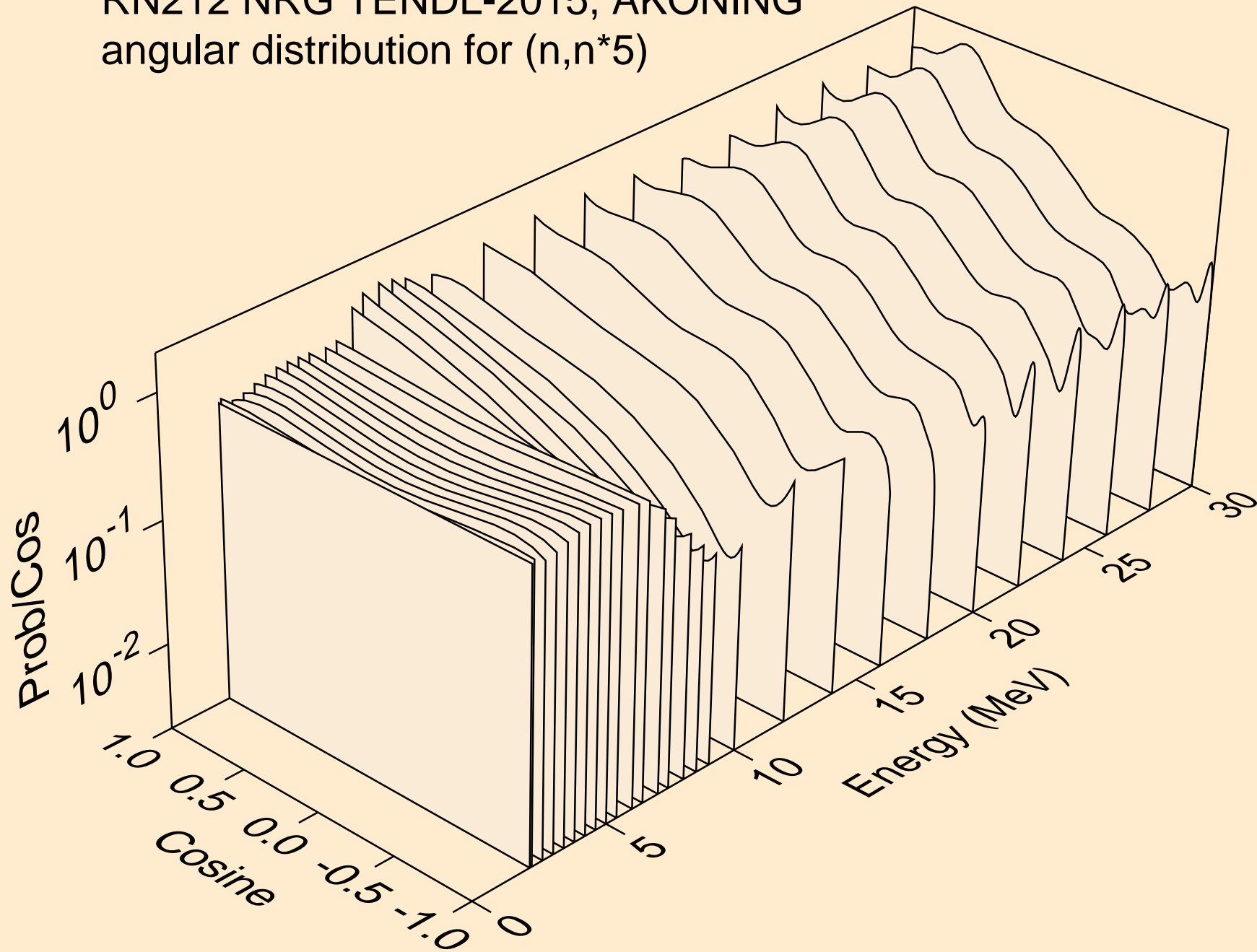




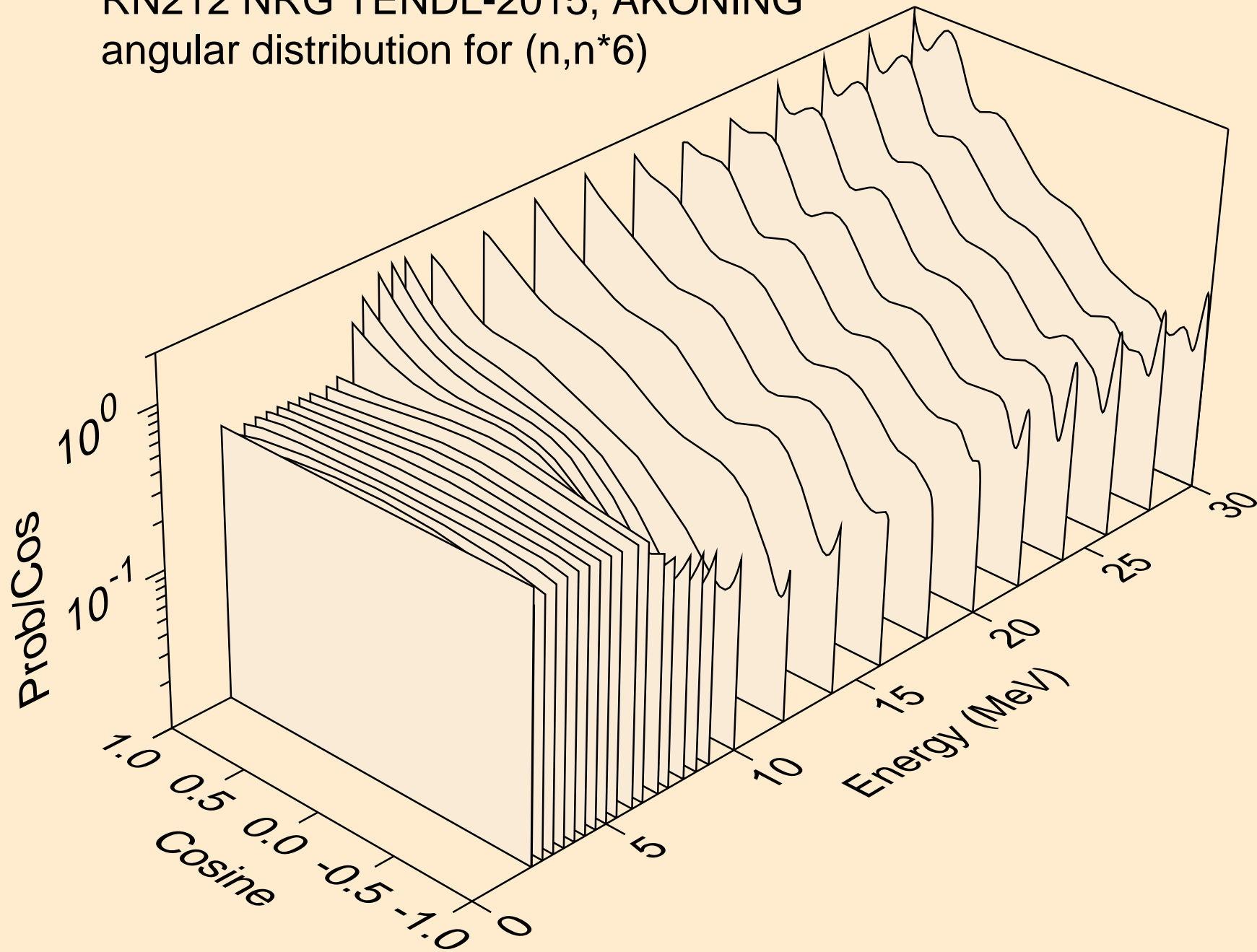
RN212 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



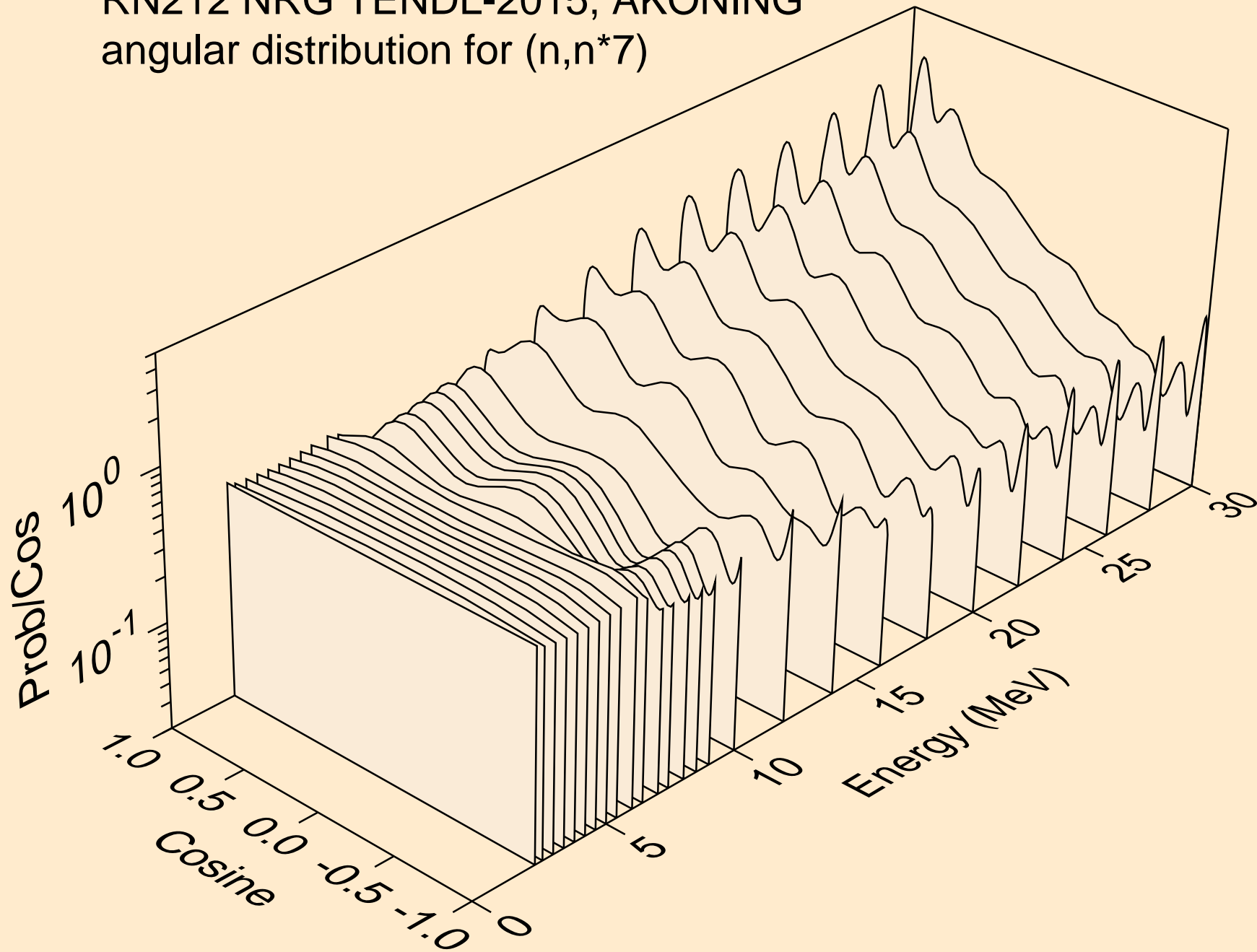
RN212 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



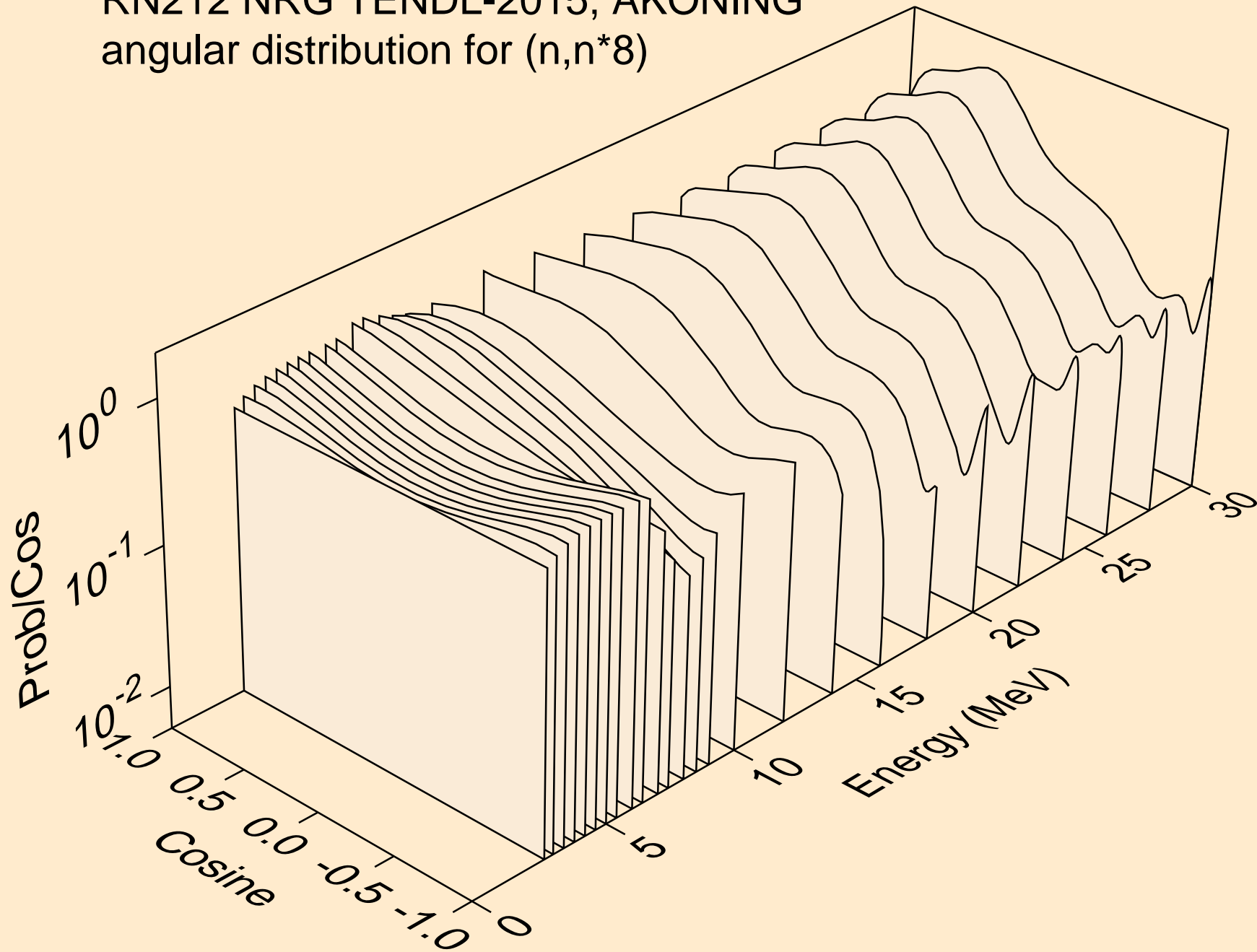
RN212 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



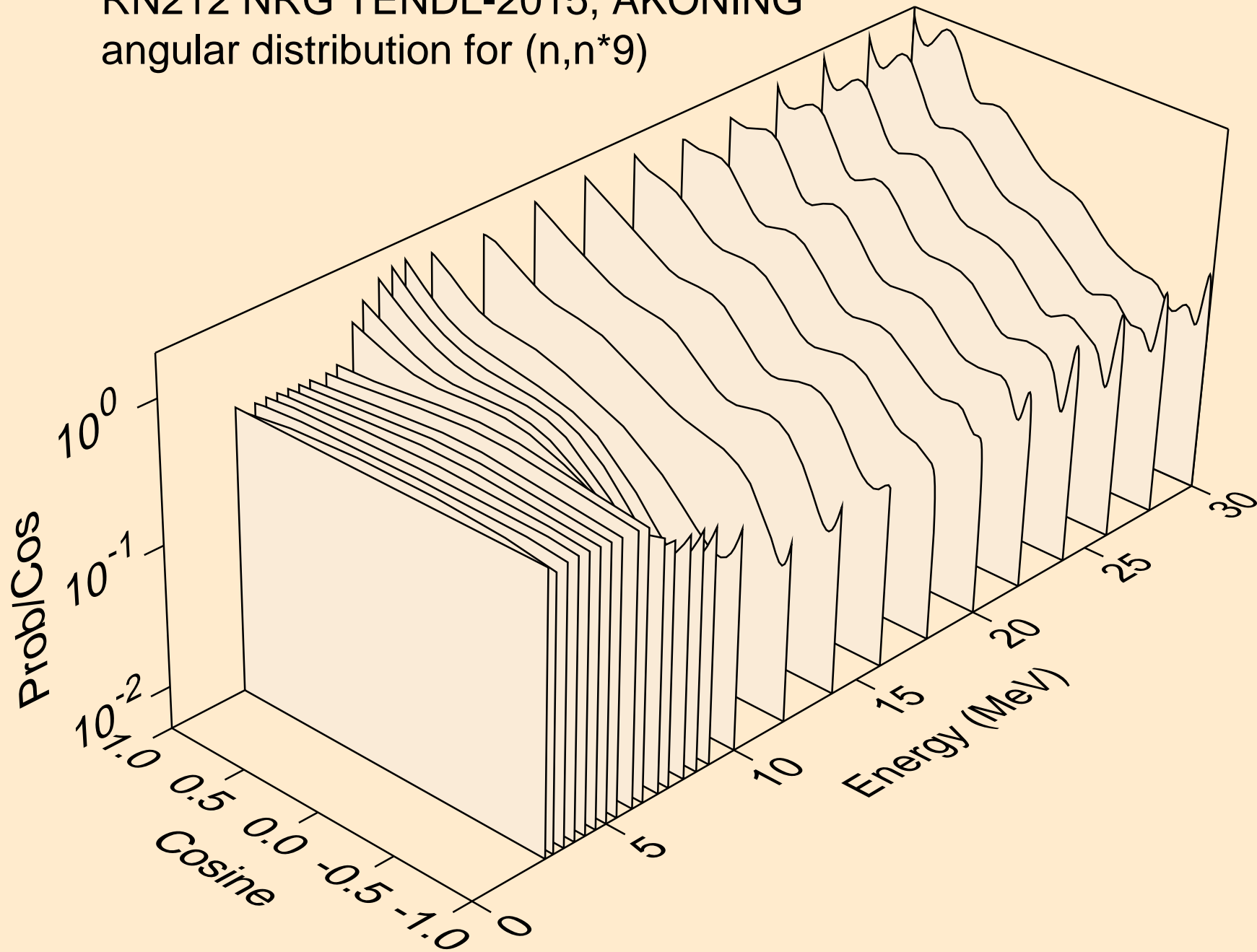
RN212 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



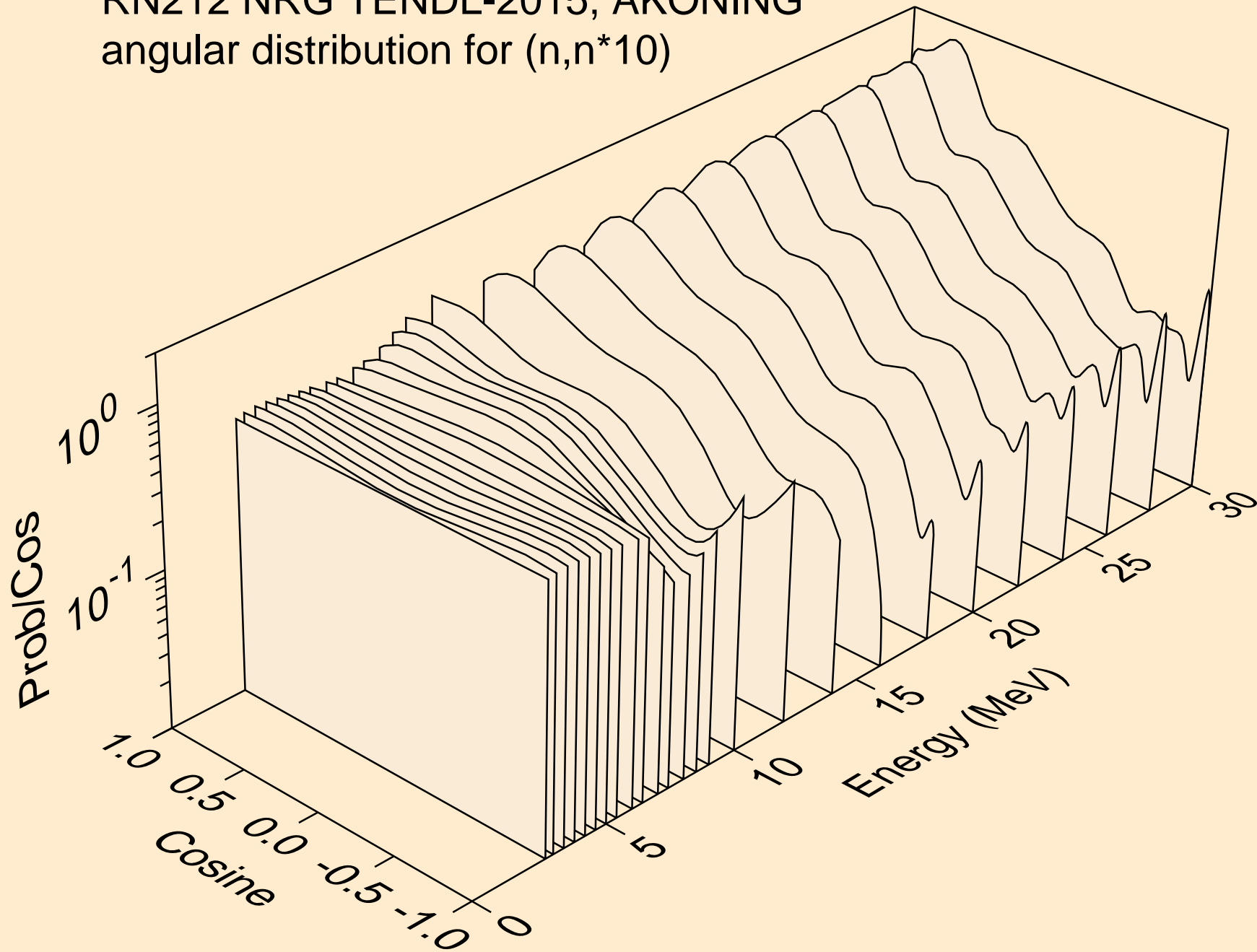
RN212 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



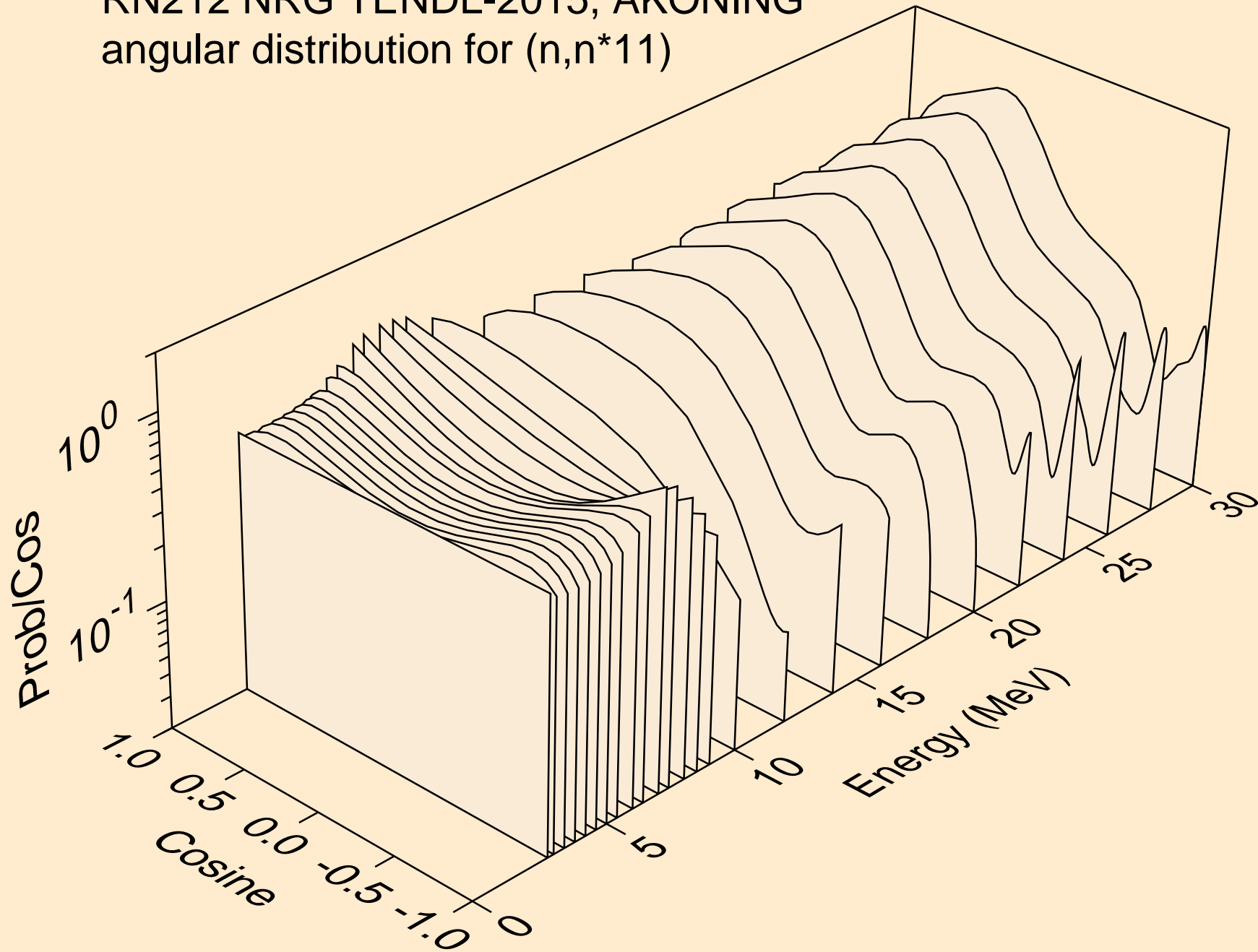
RN212 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



RN212 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)

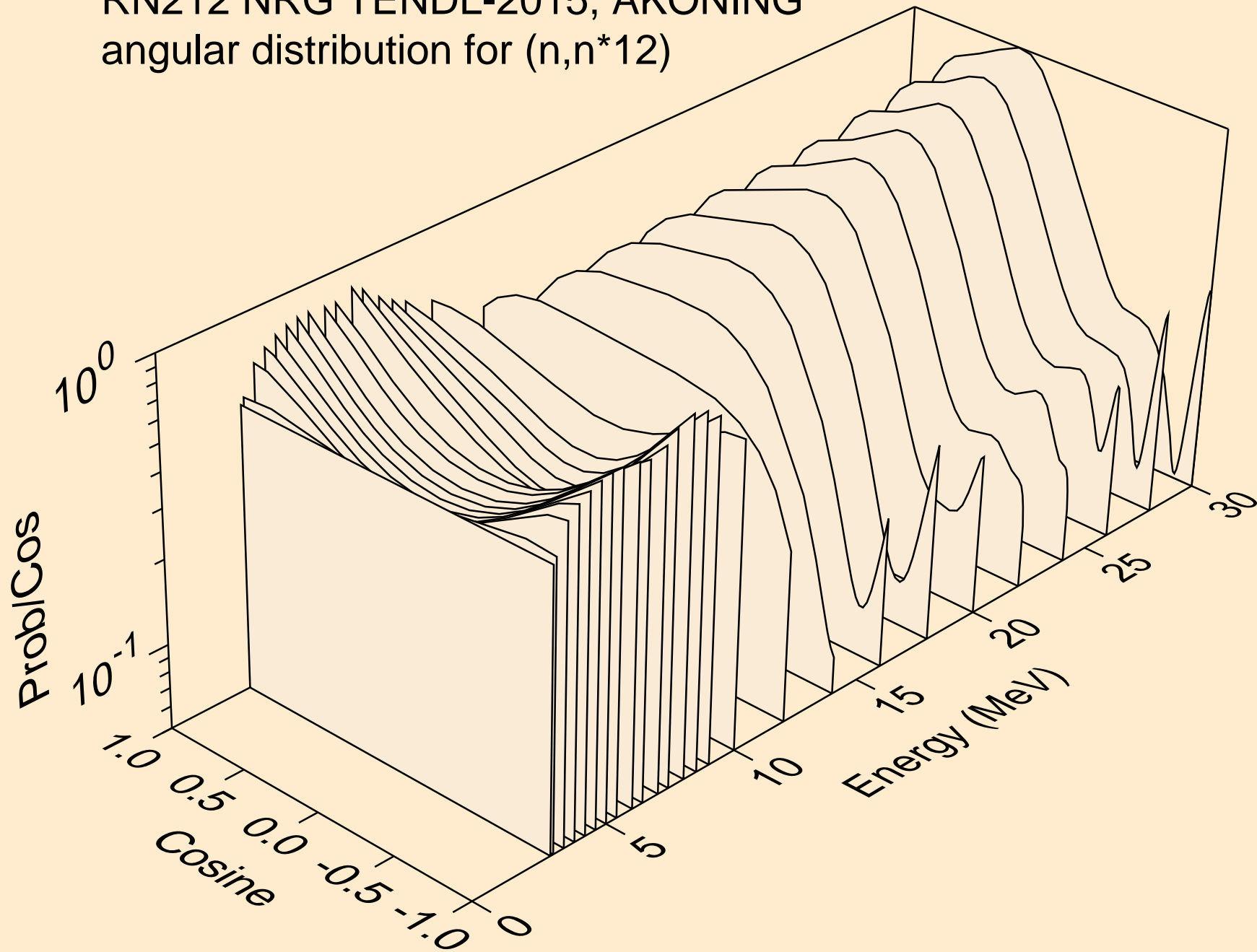


RN212 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)

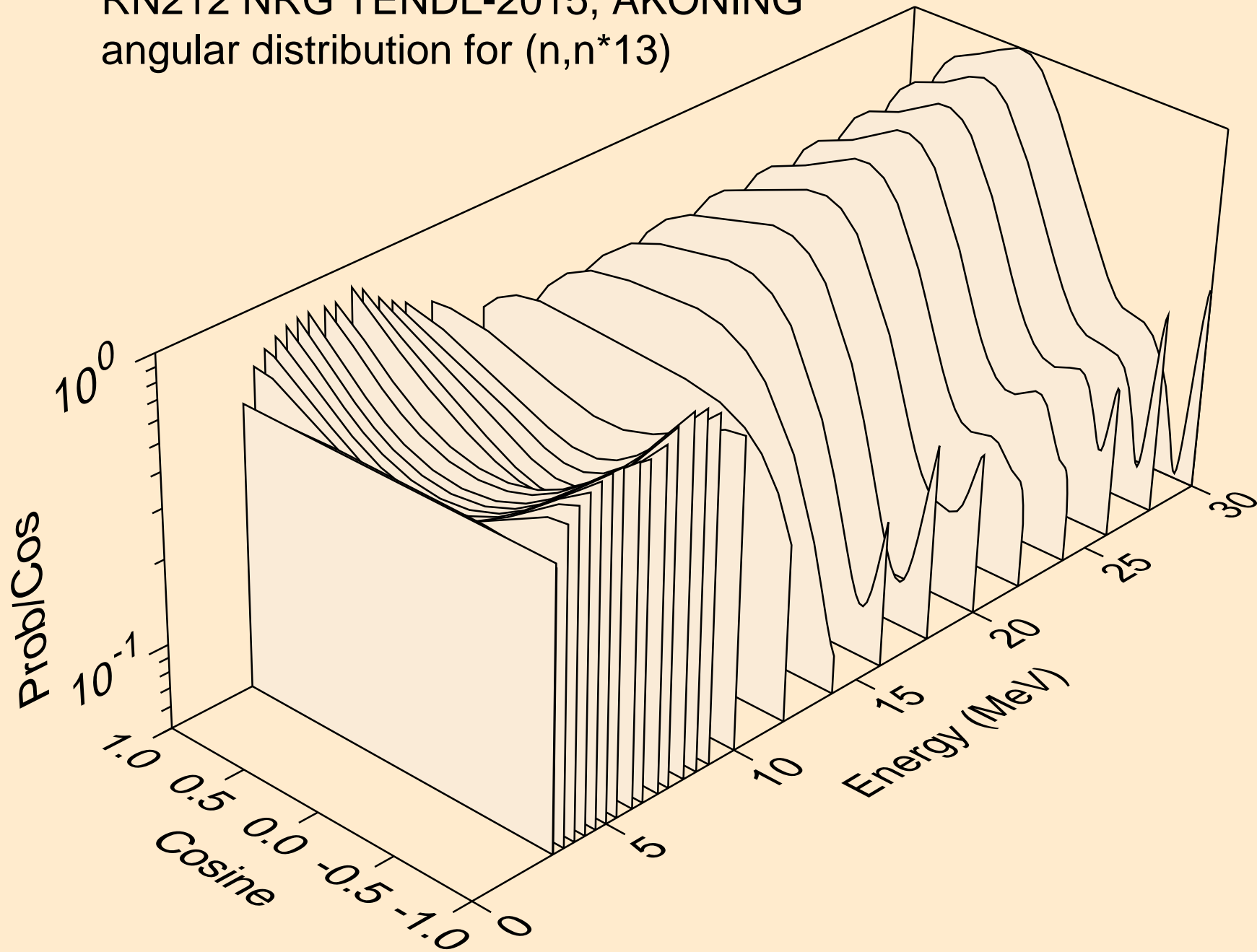




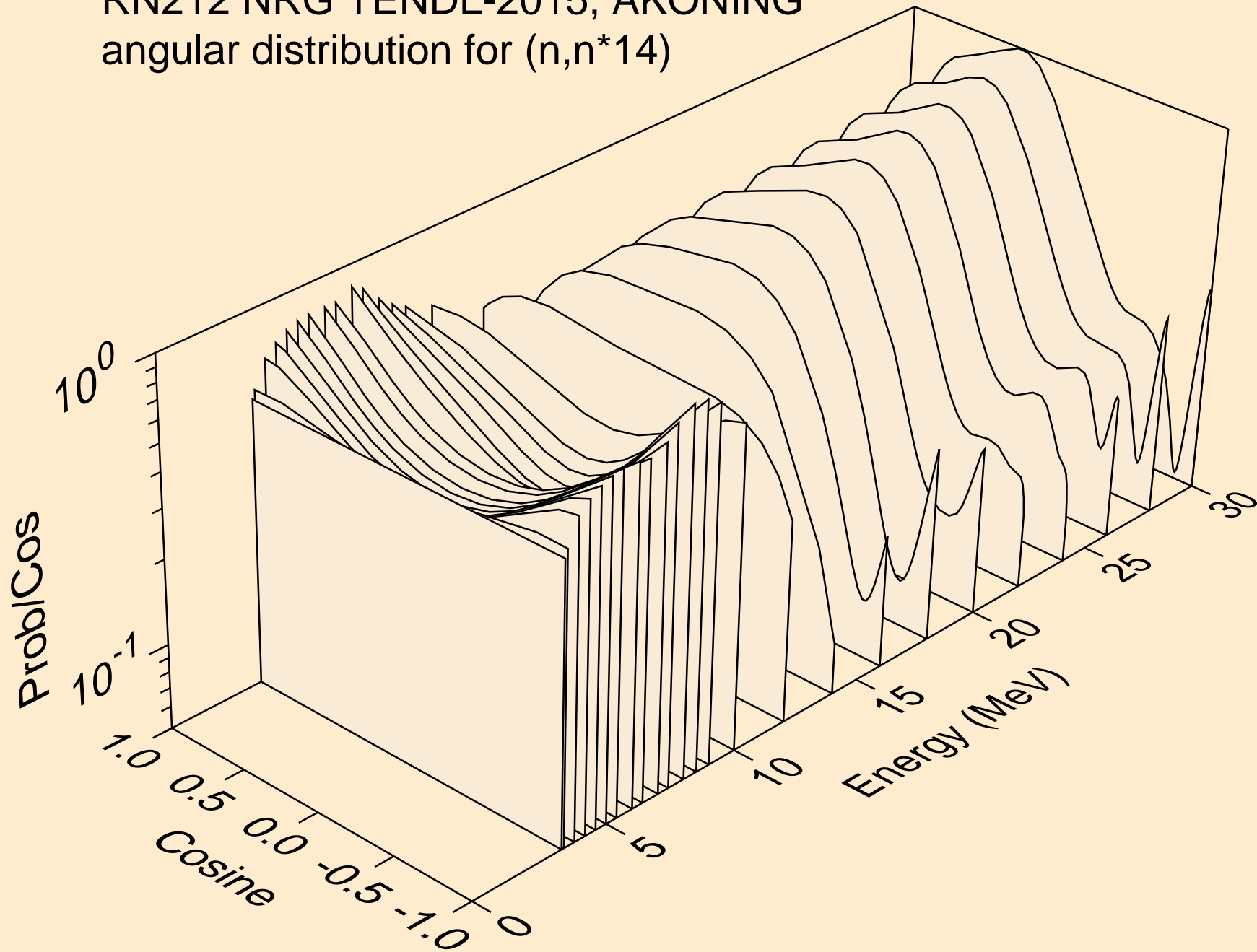
RN212 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



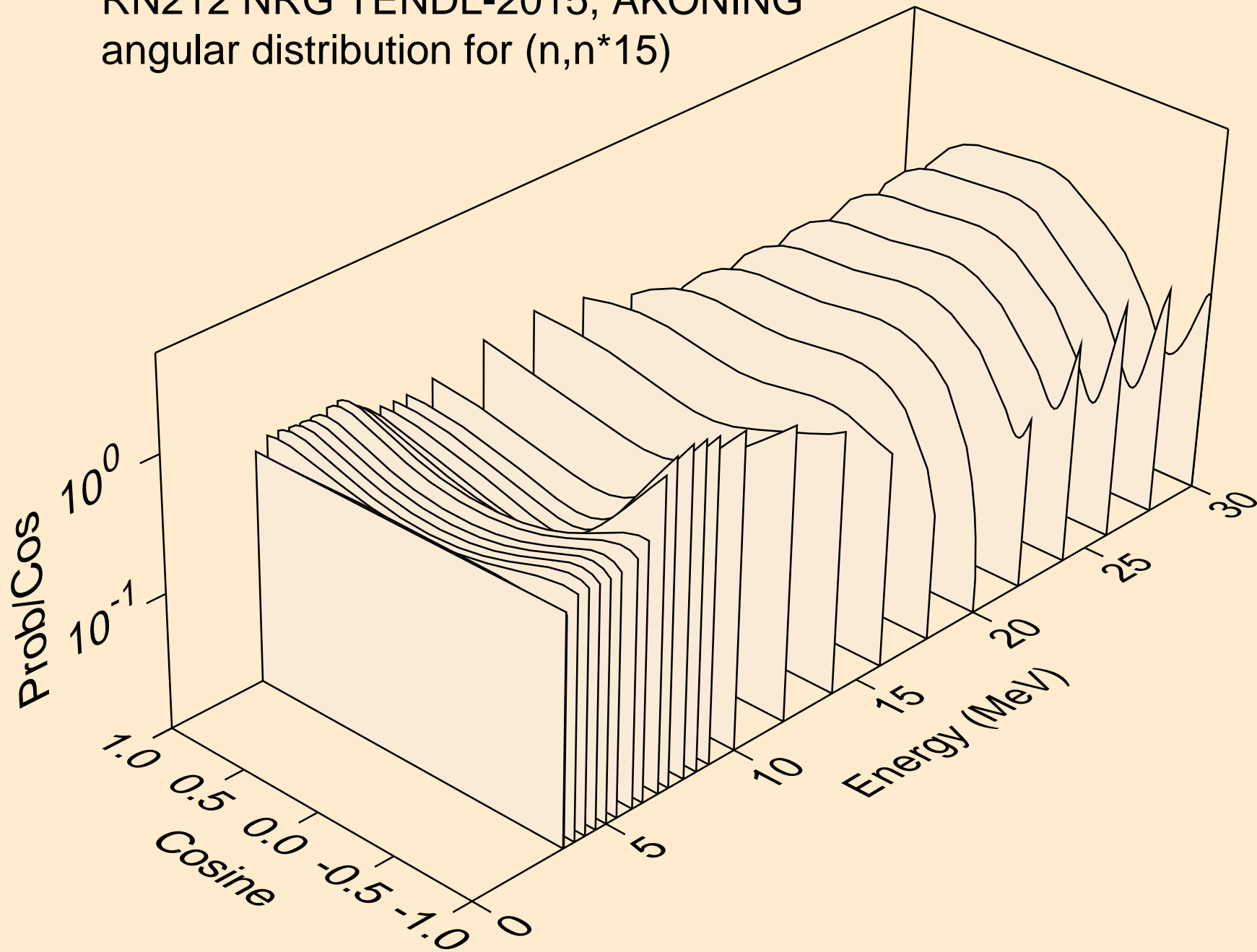
RN212 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



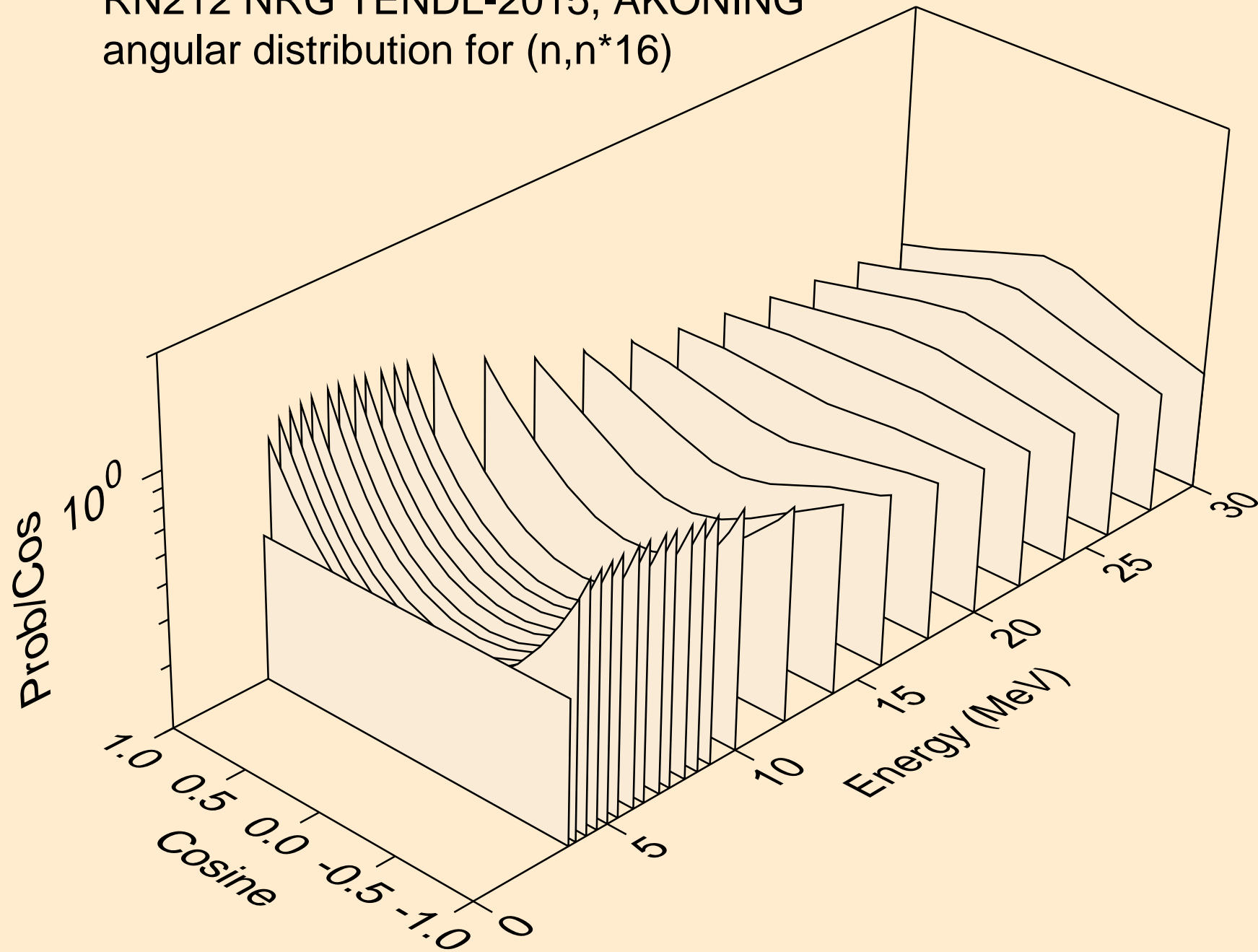
RN212 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



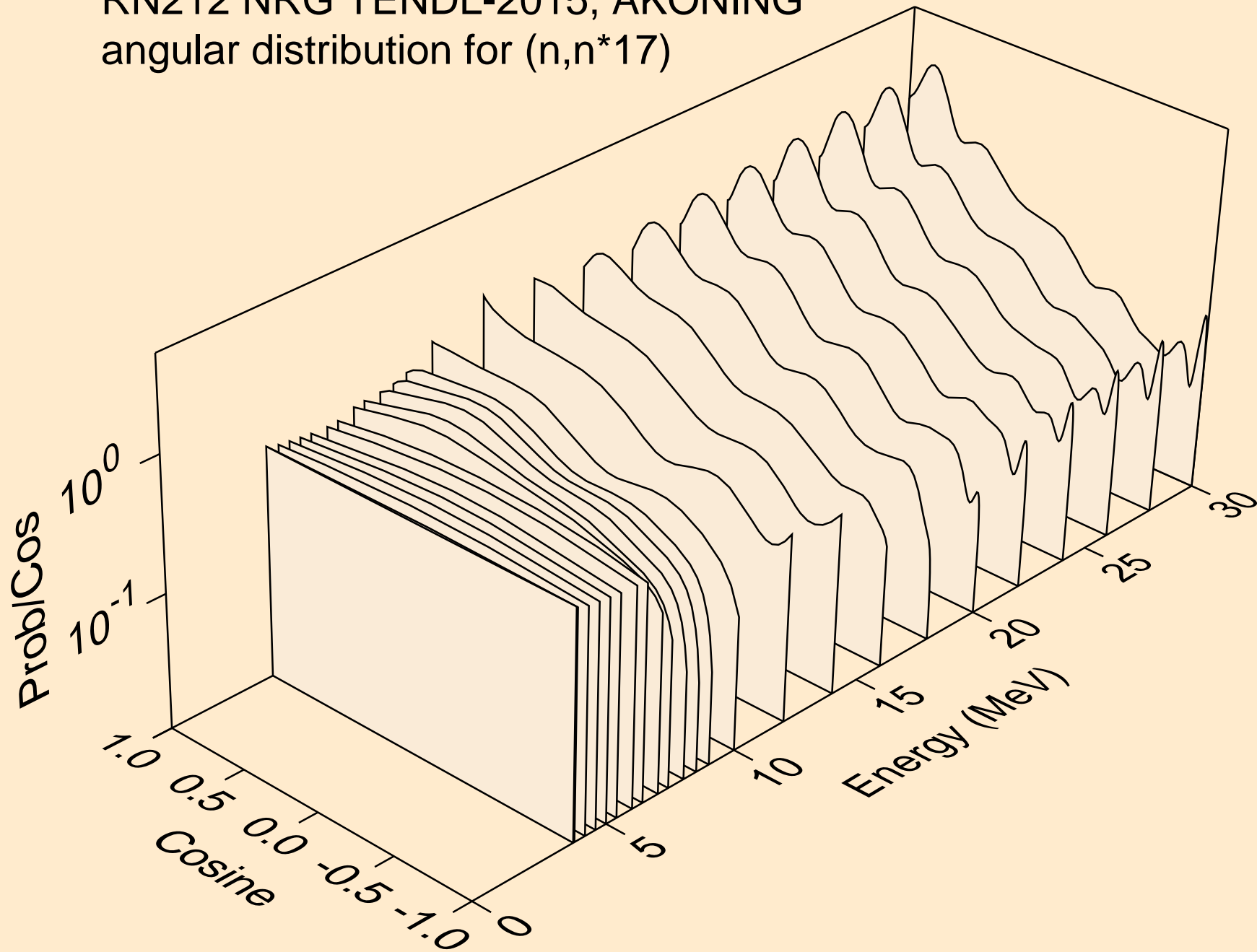
RN212 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



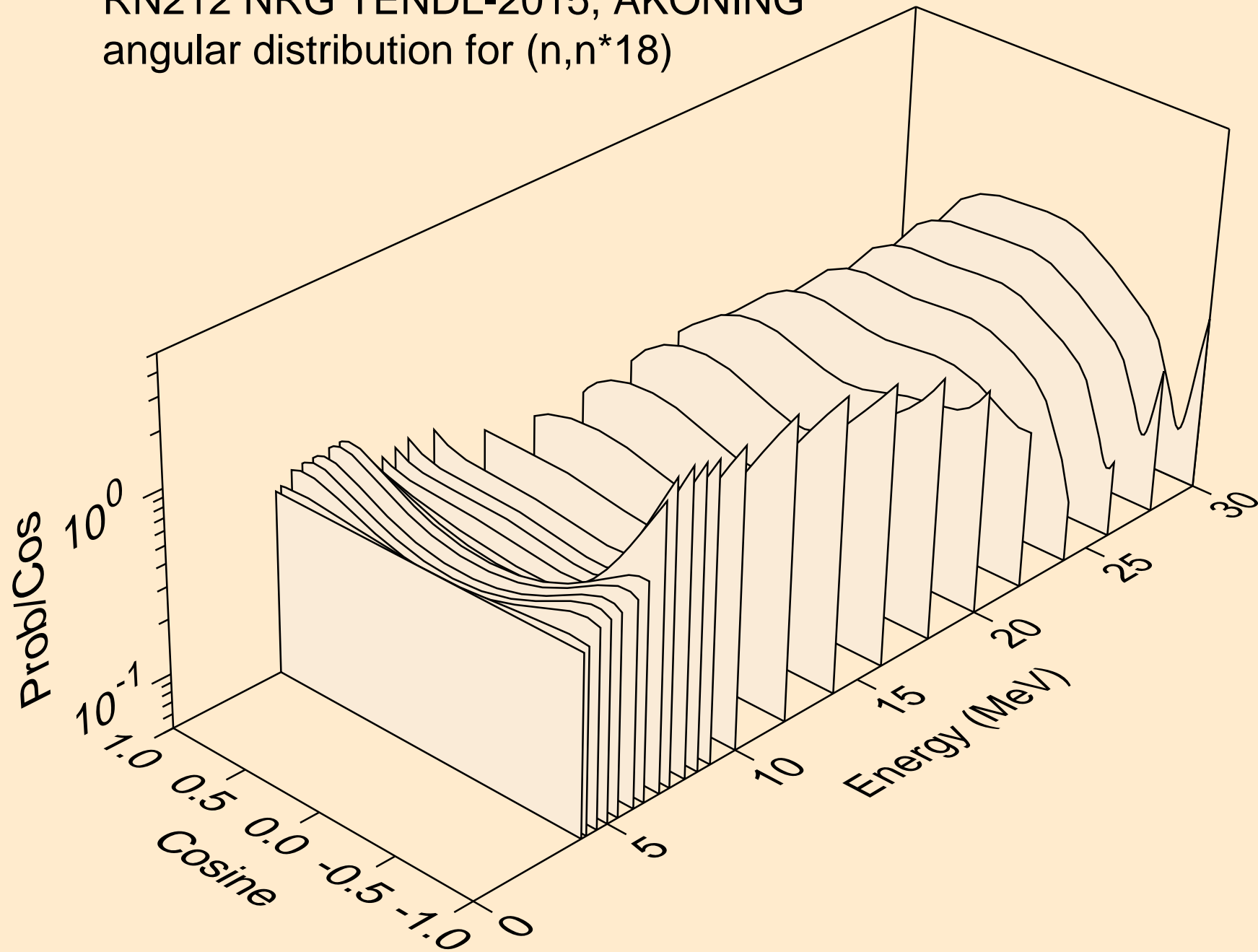
RN212 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



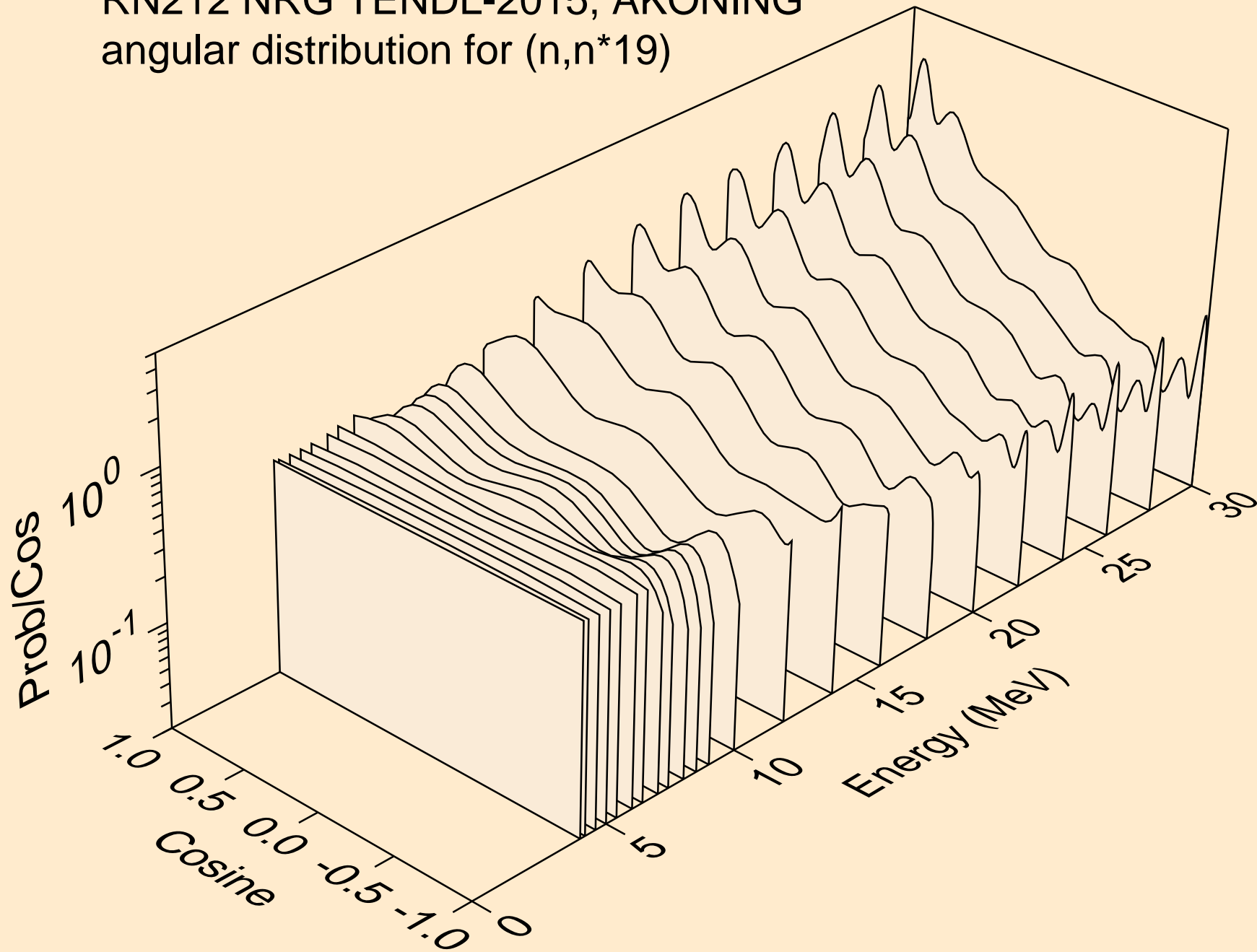
RN212 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



RN212 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)

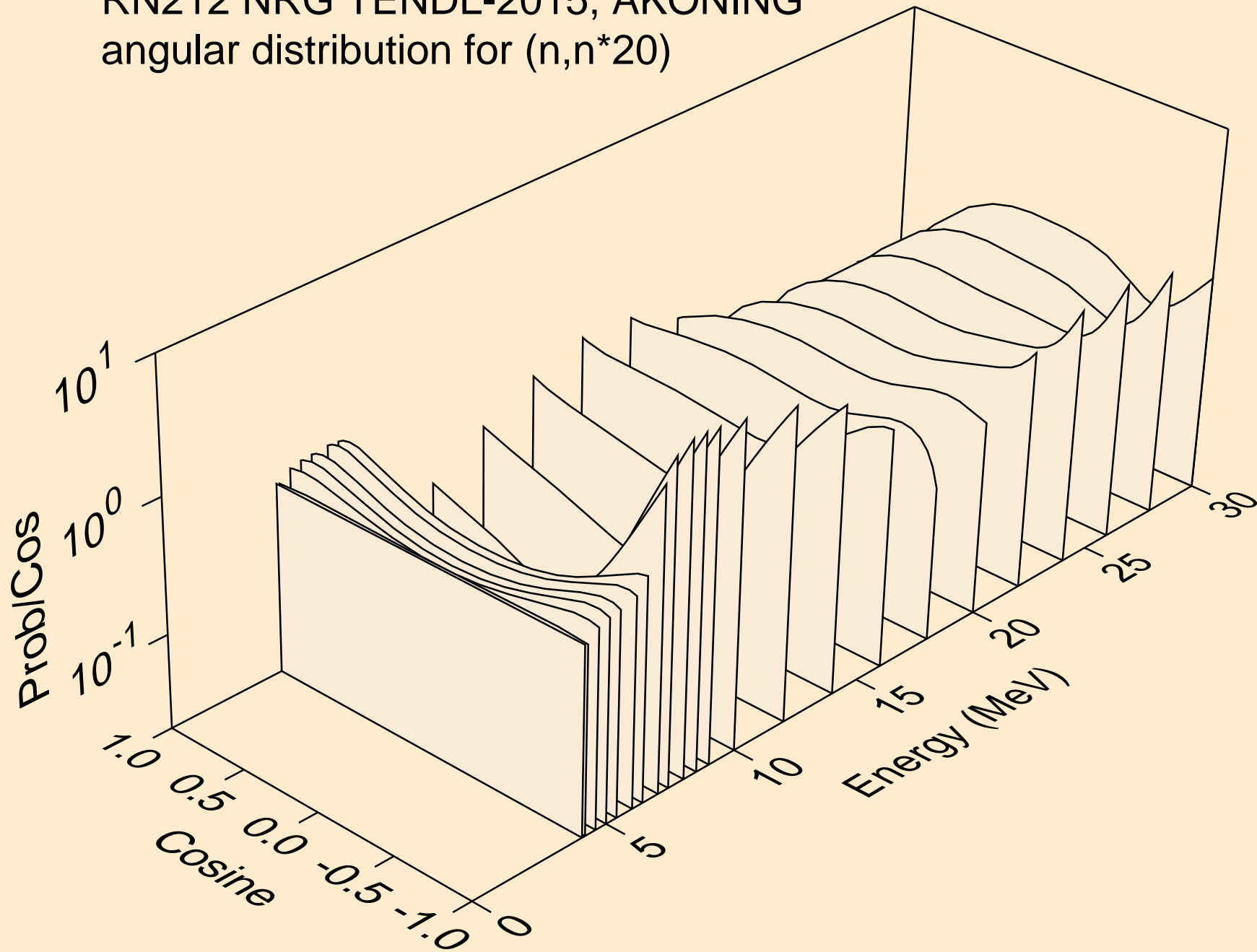


RN212 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)

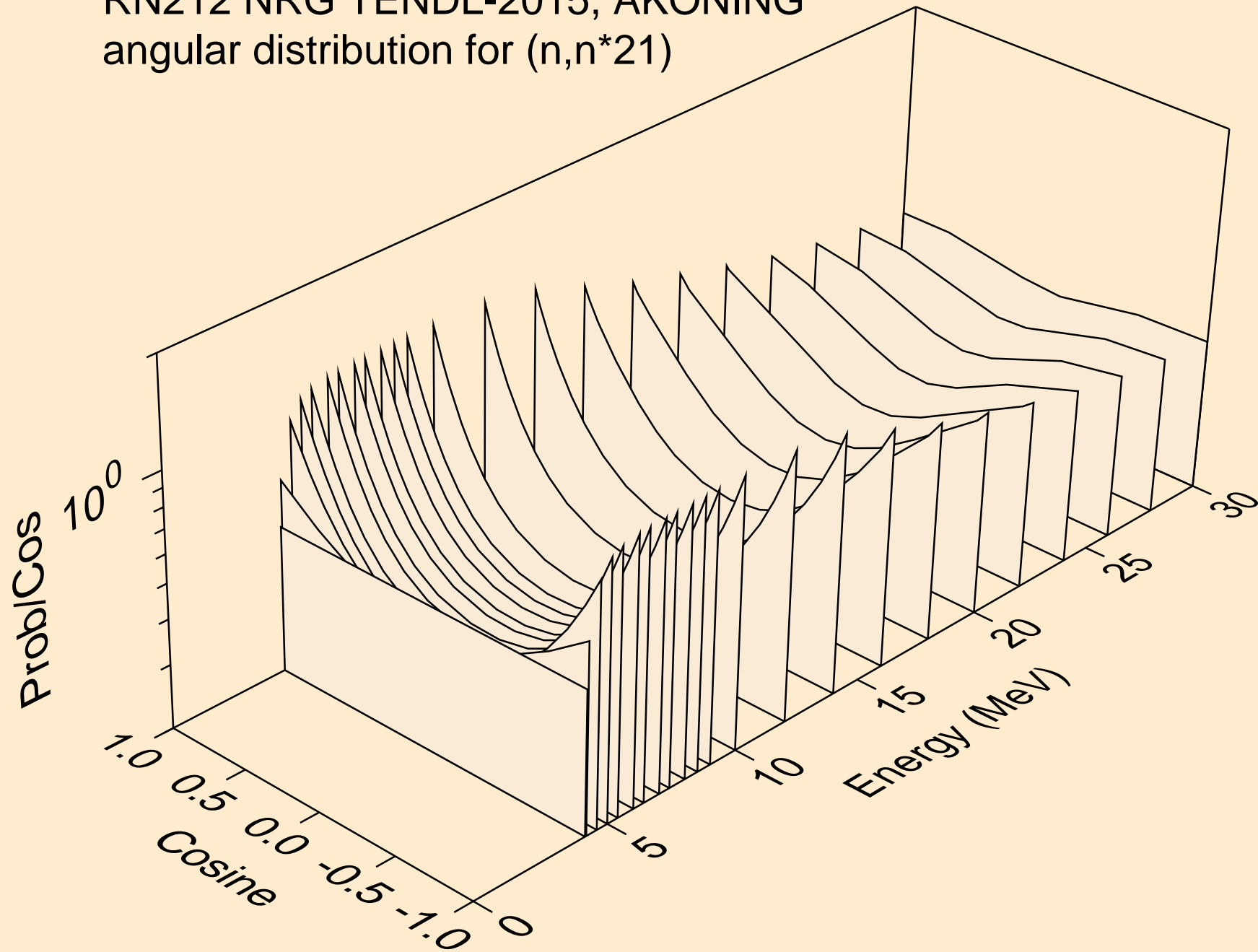




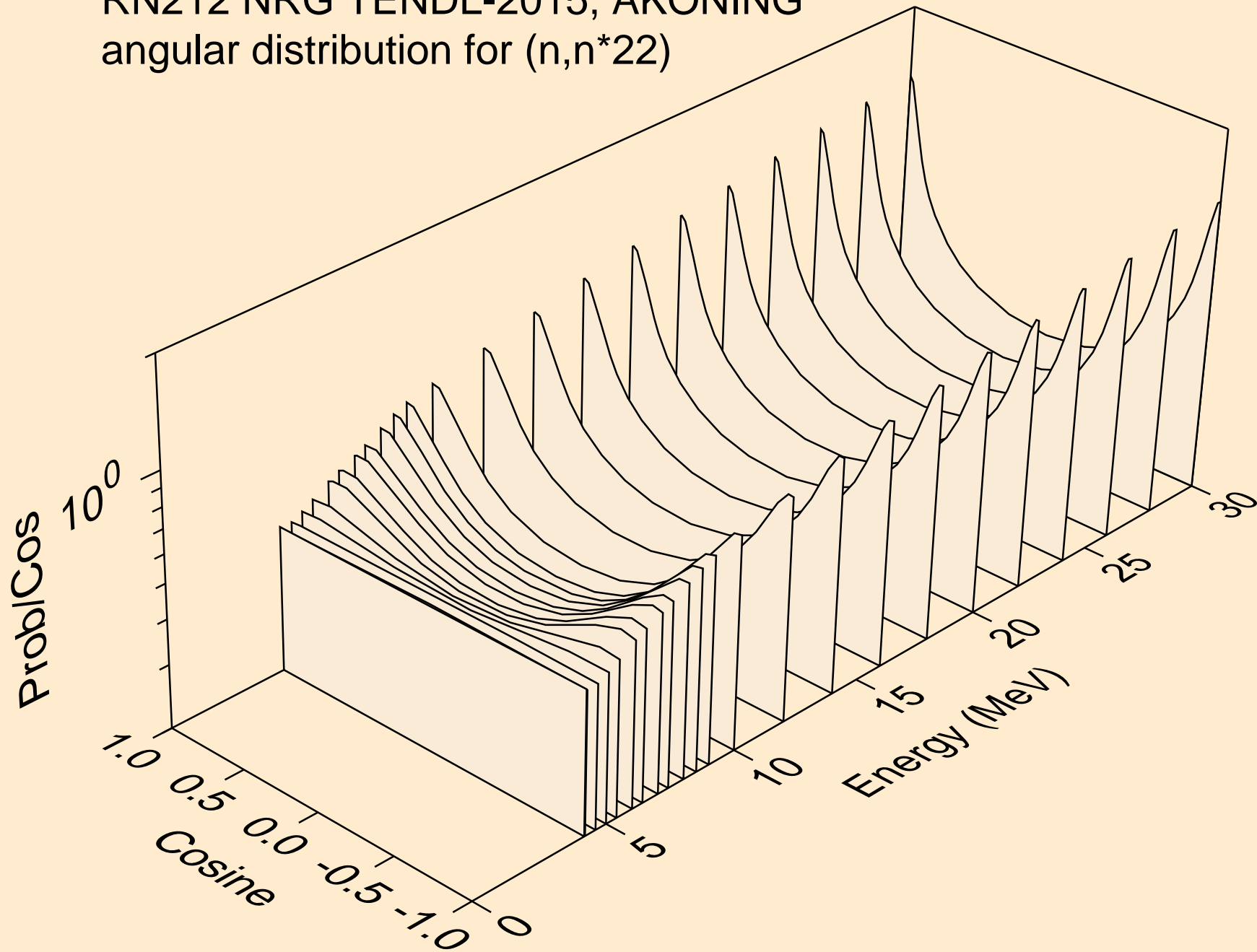
RN212 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



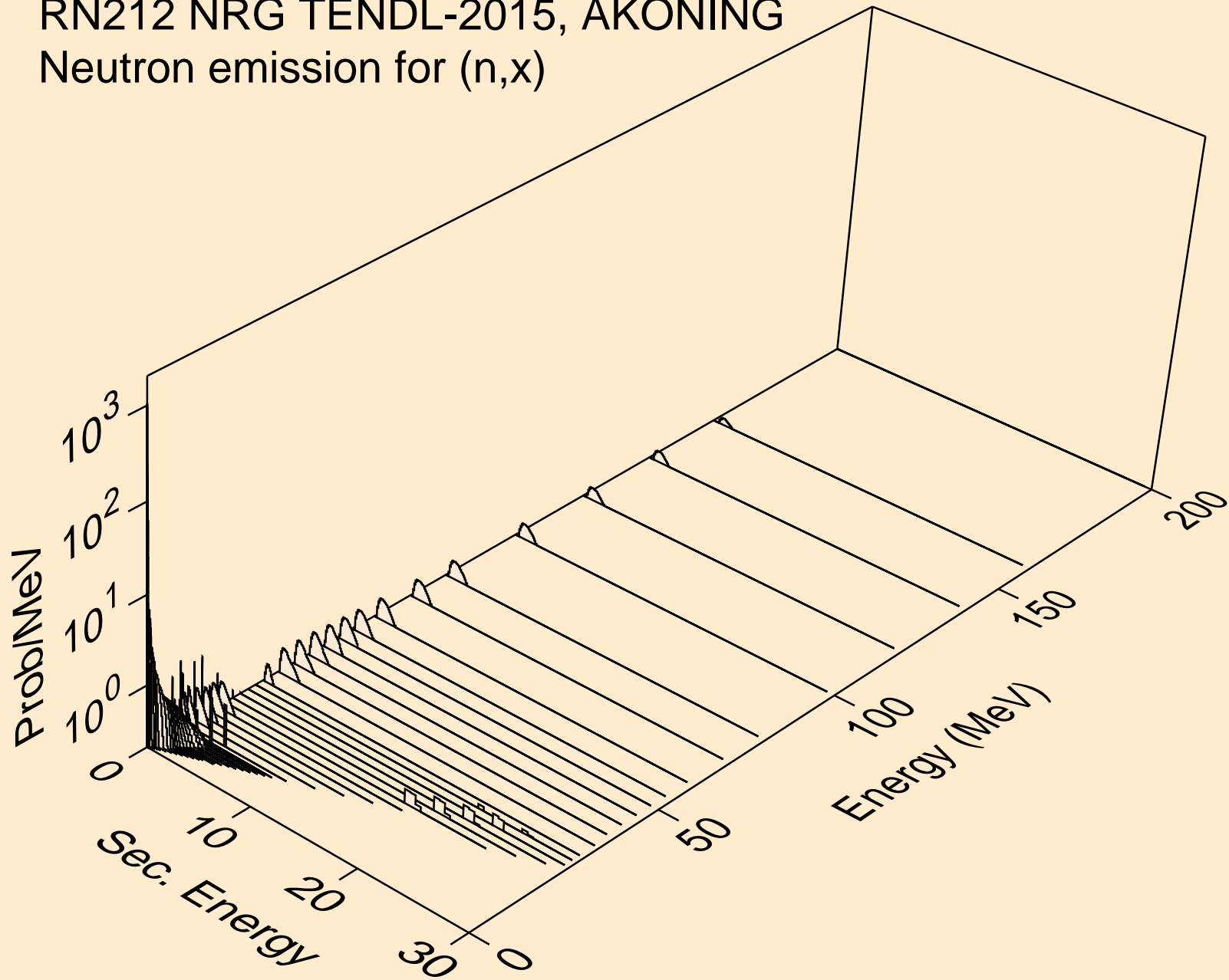
RN212 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



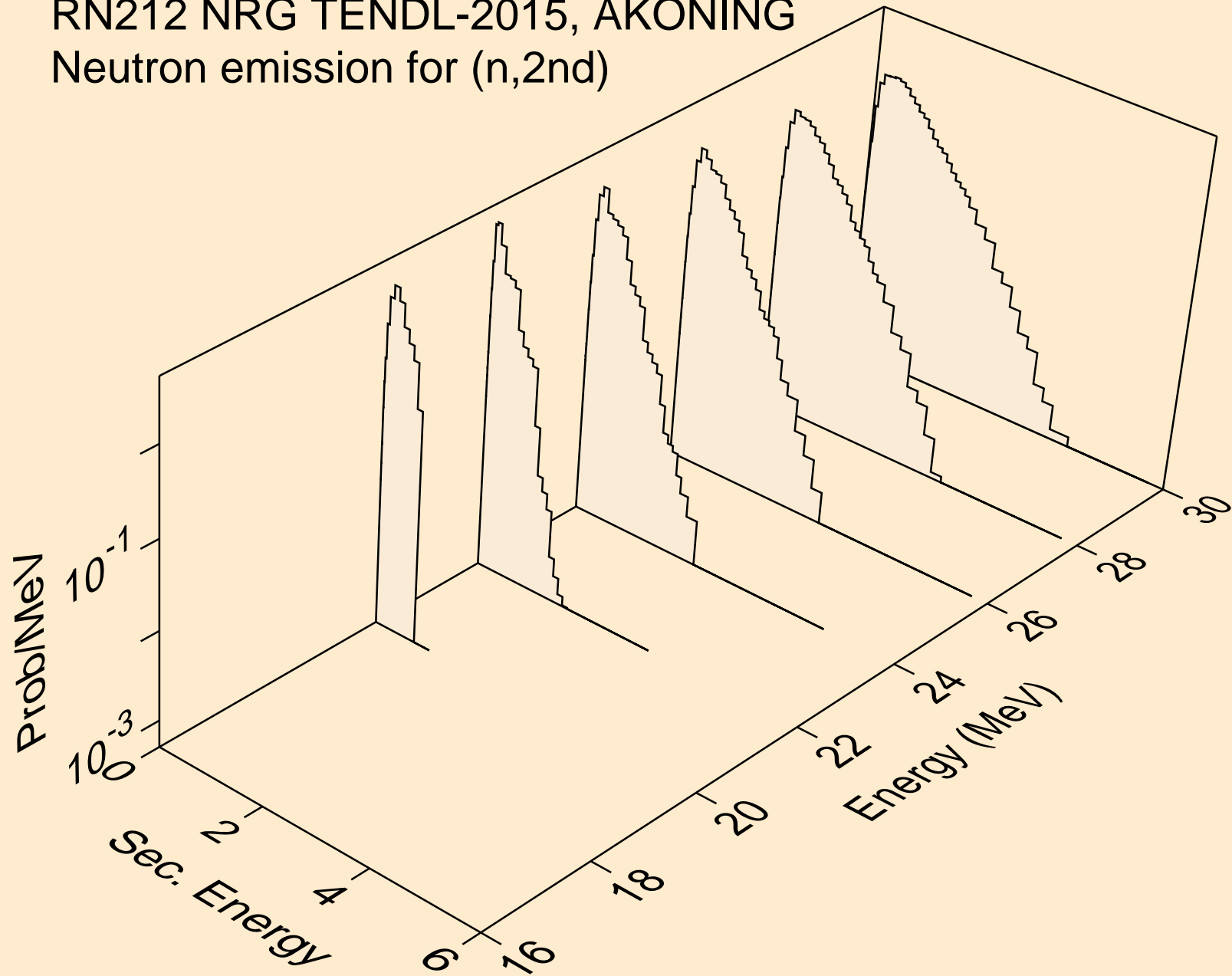
RN212 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



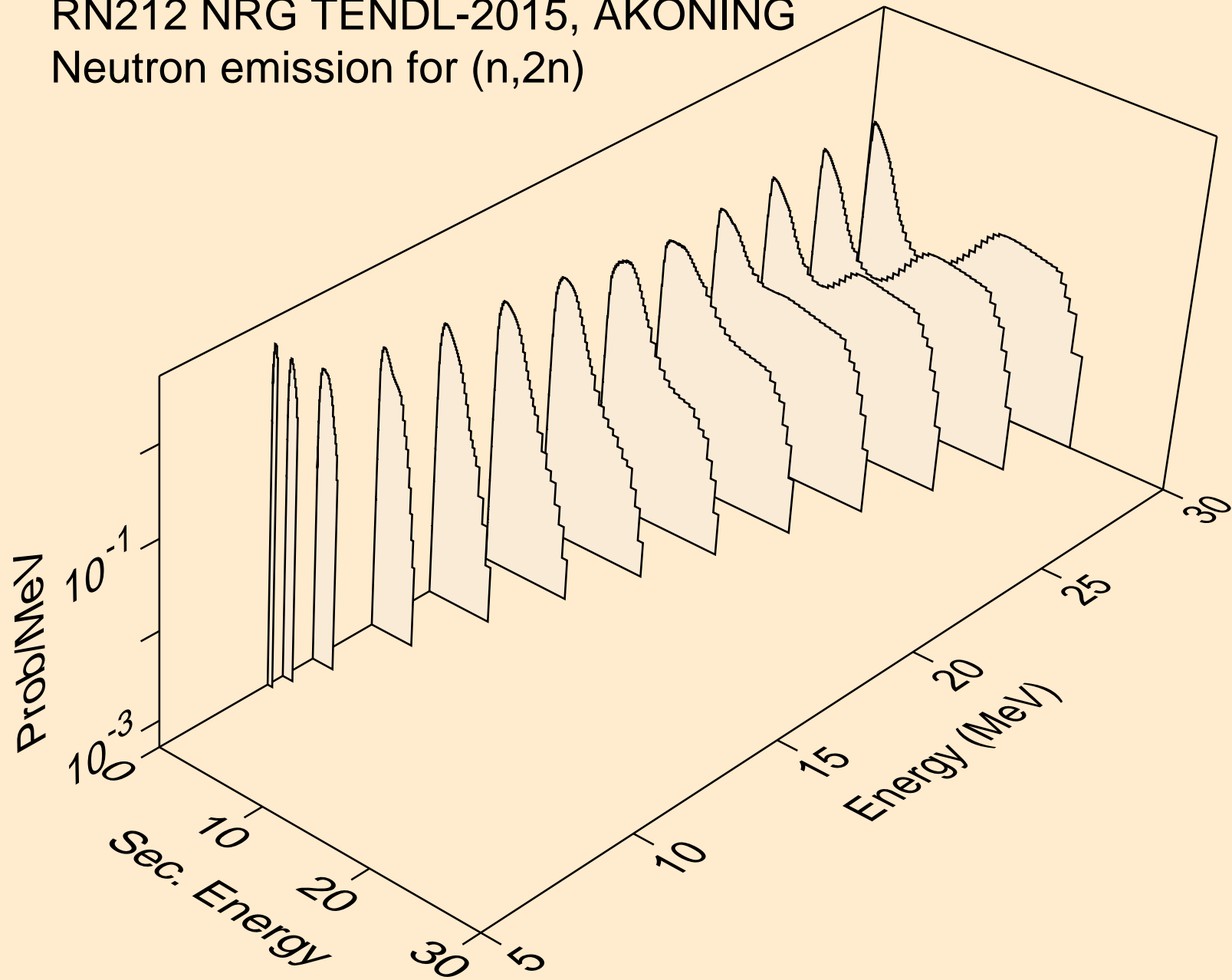
RN212 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



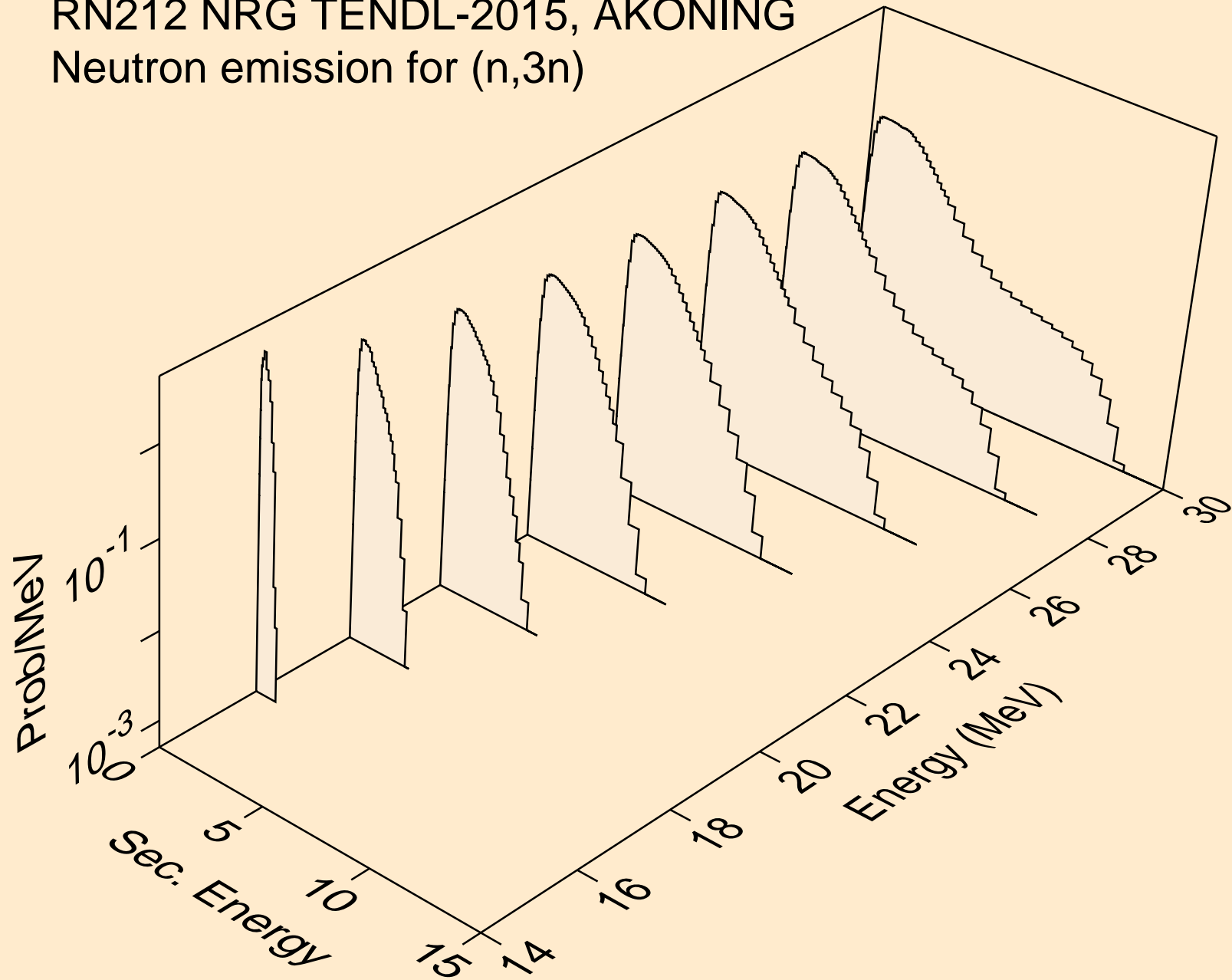
RN212 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



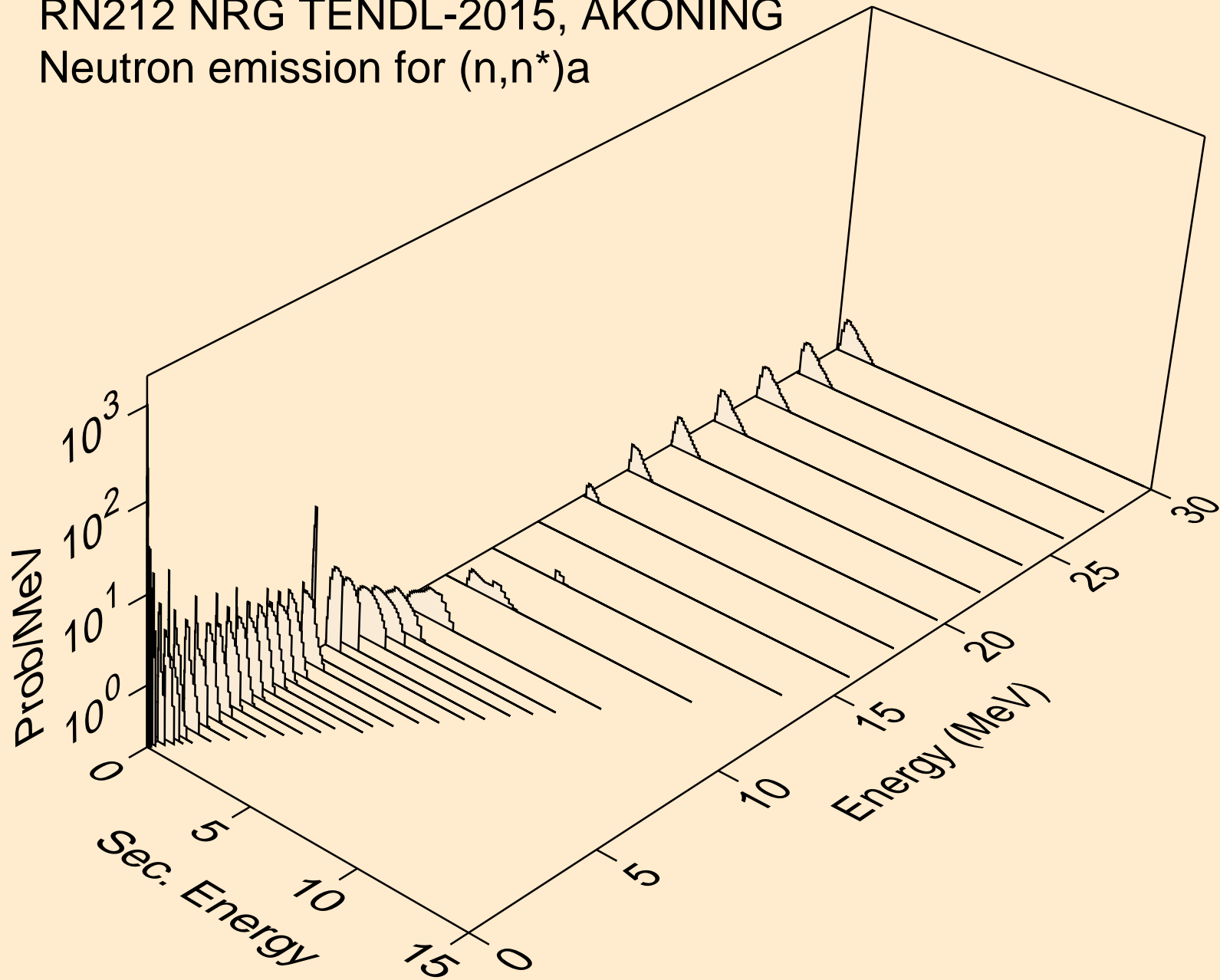
RN212 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



RN212 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)

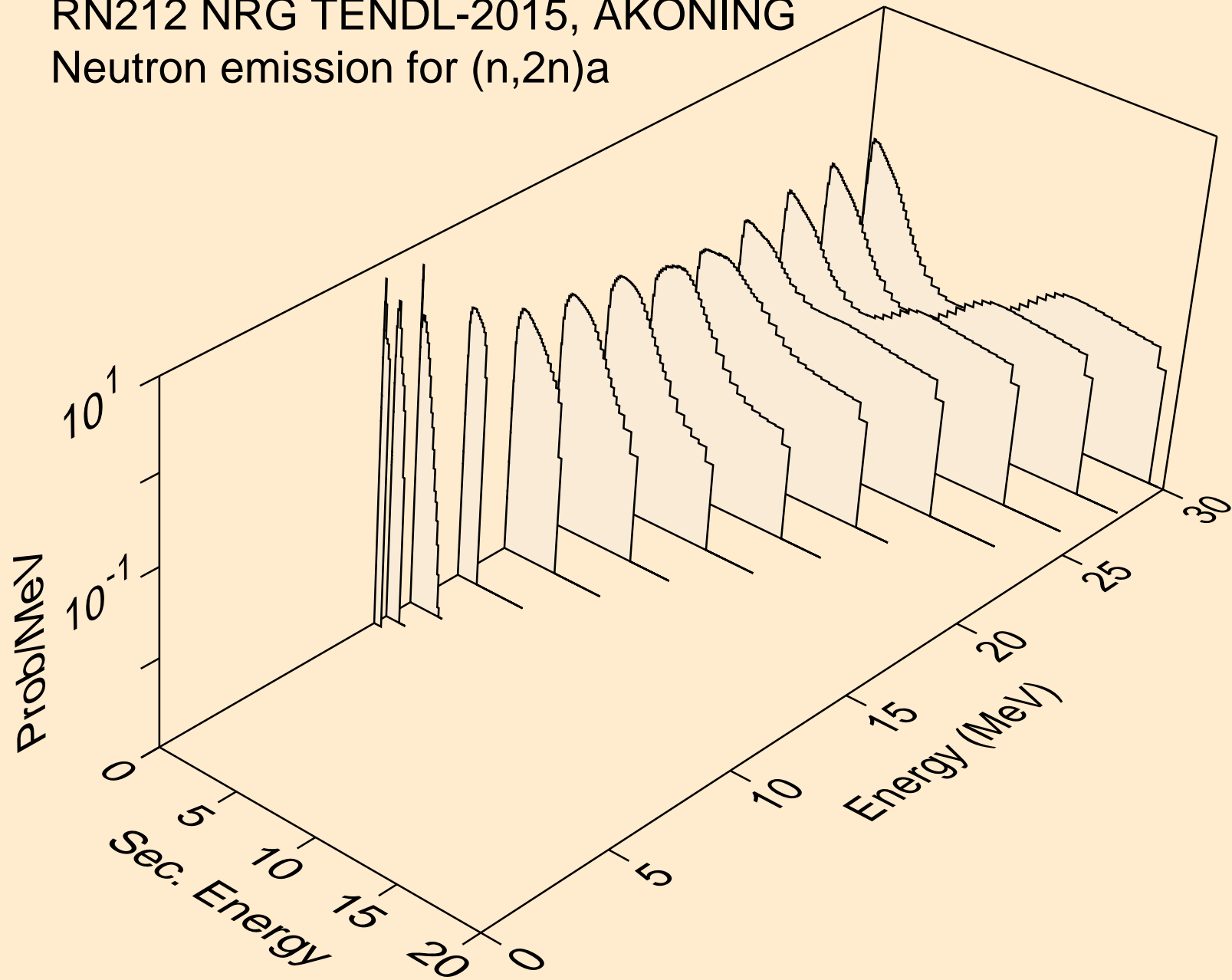


RN212 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a

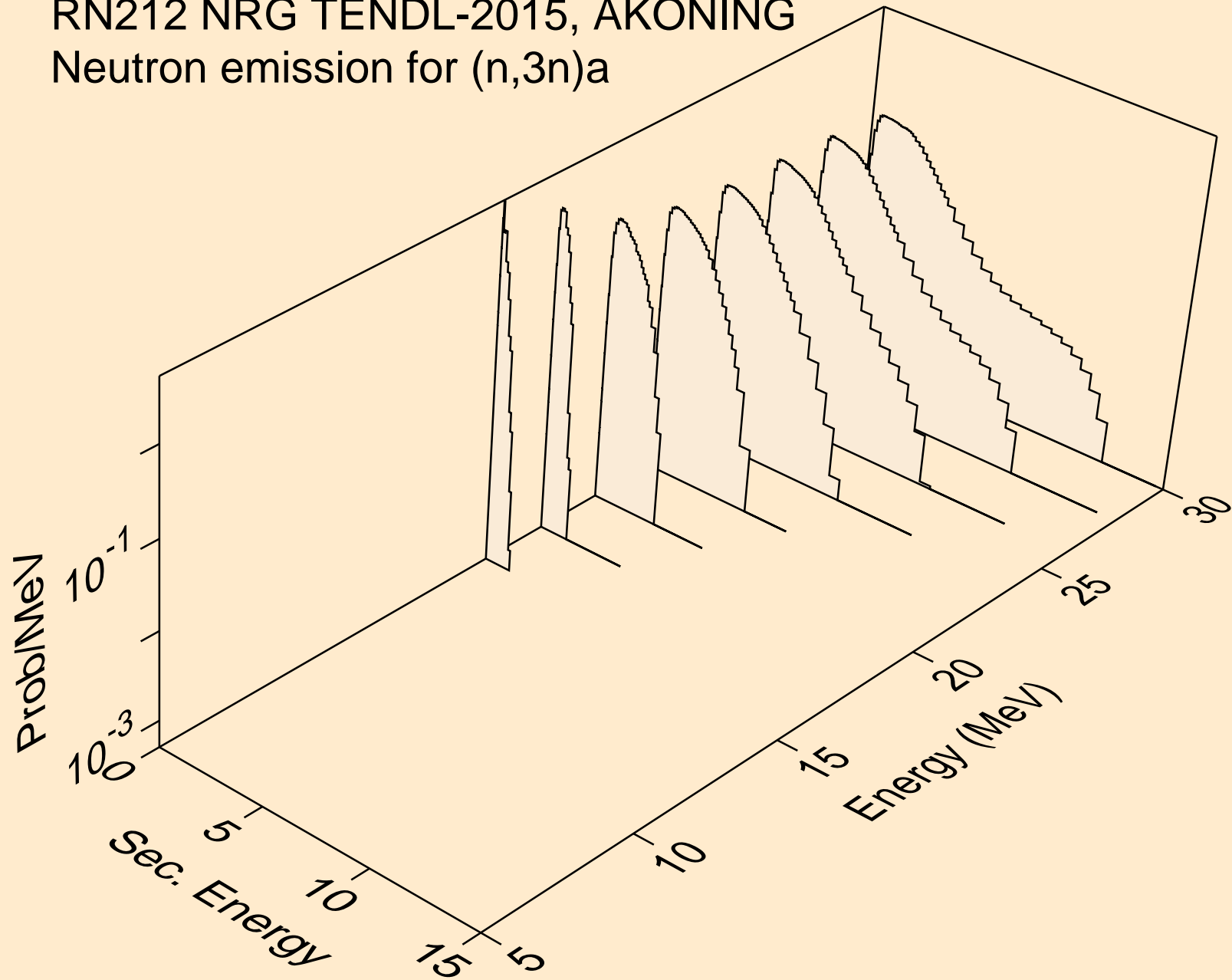




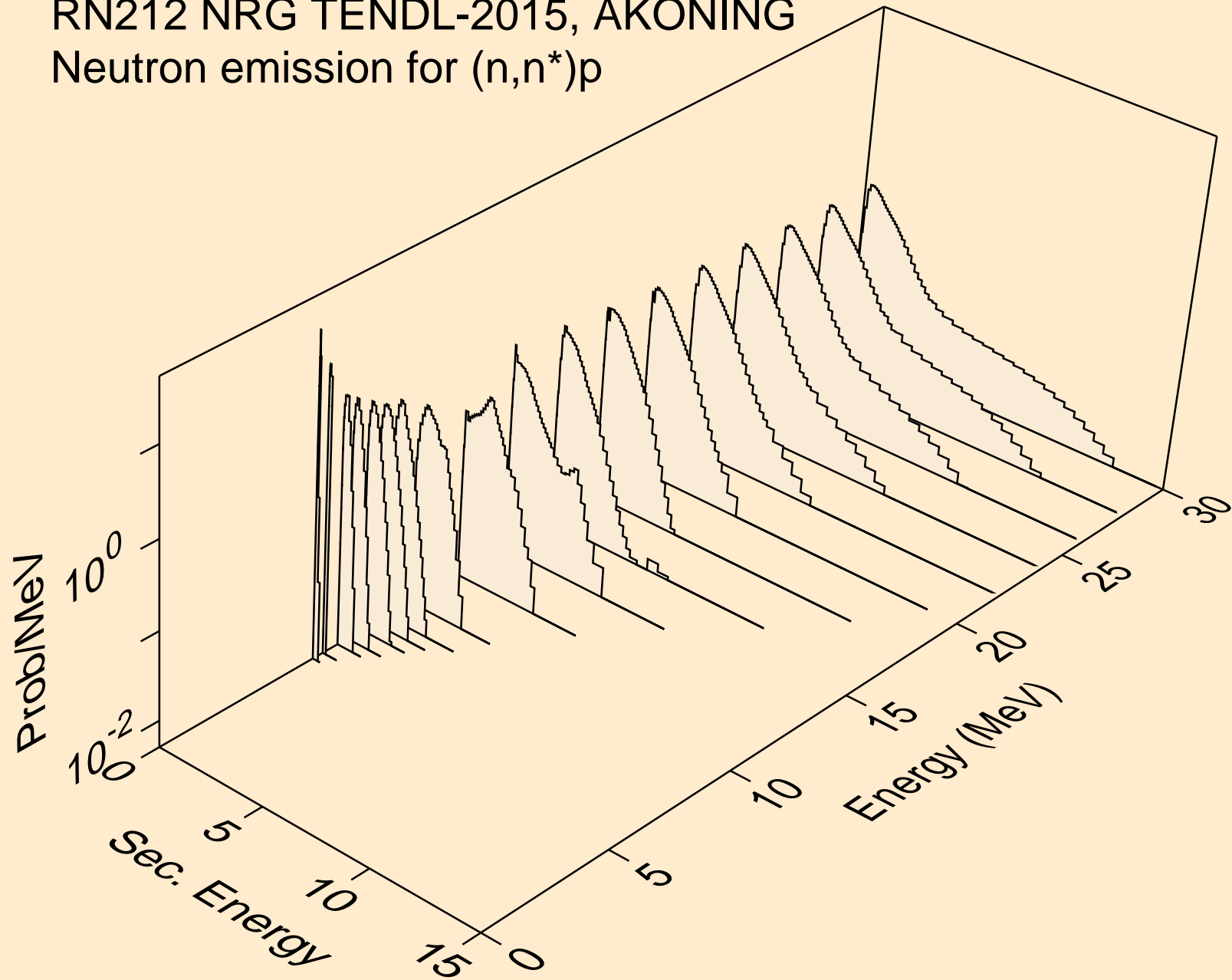
RN212 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



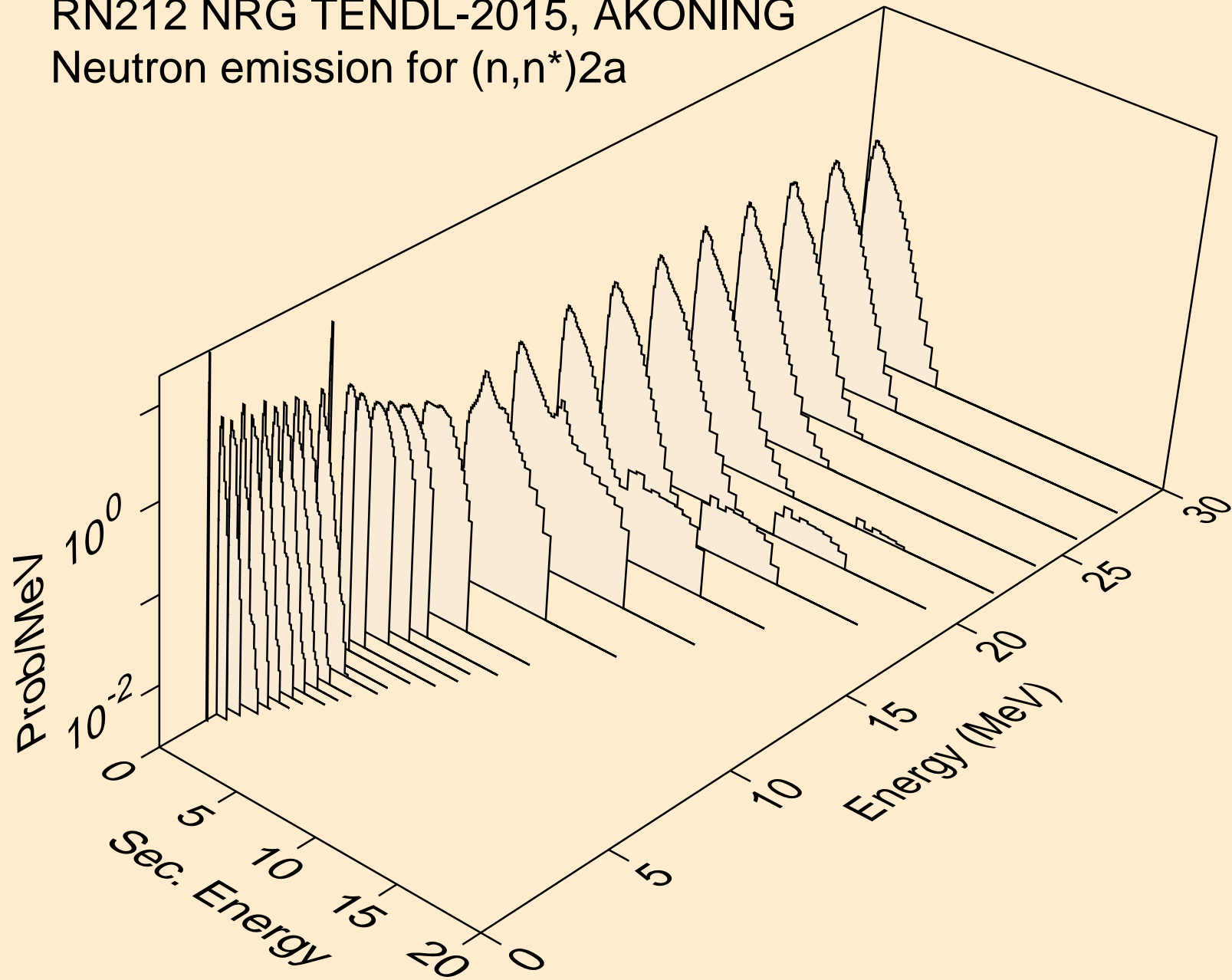
RN212 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



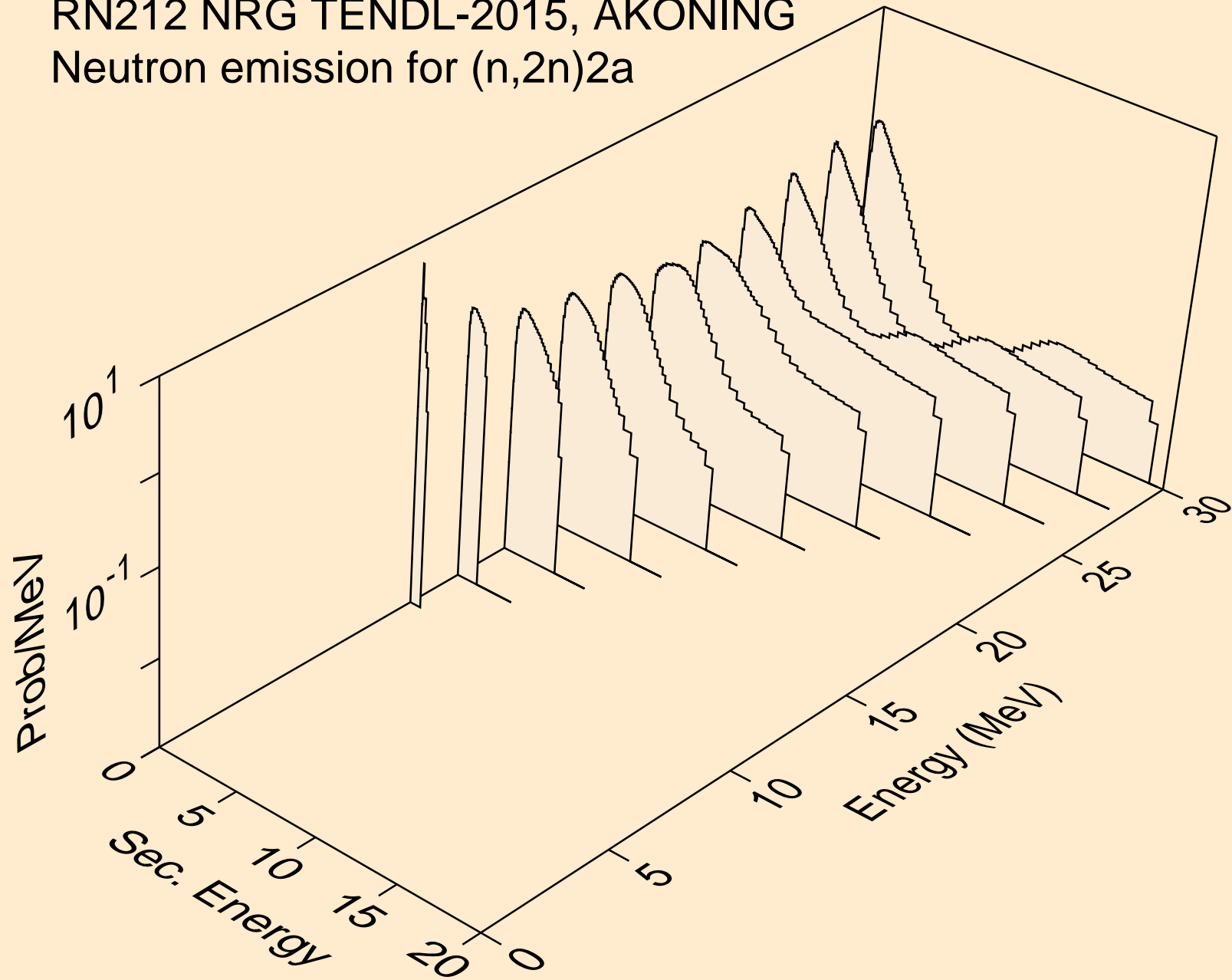
RN212 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



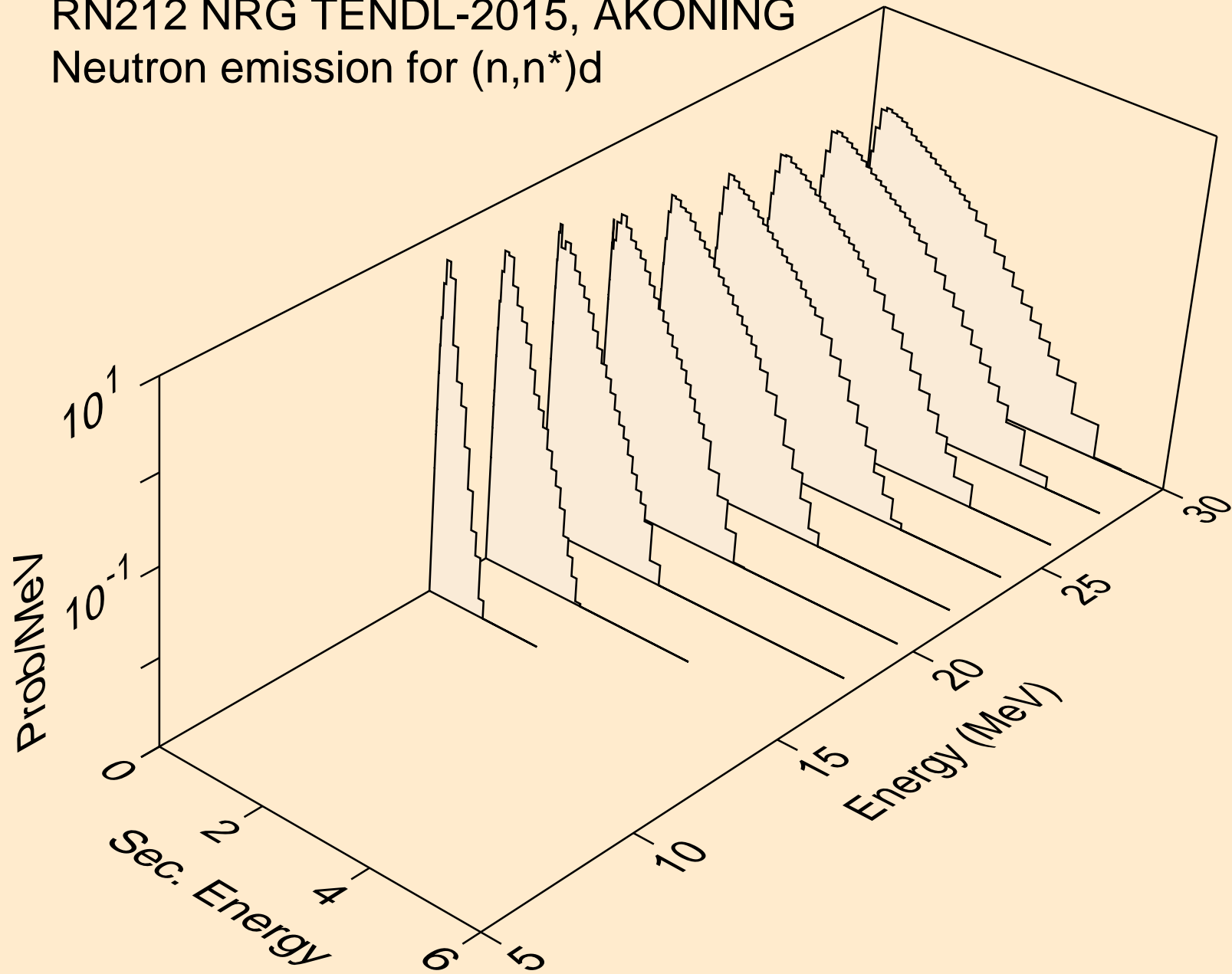
RN212 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



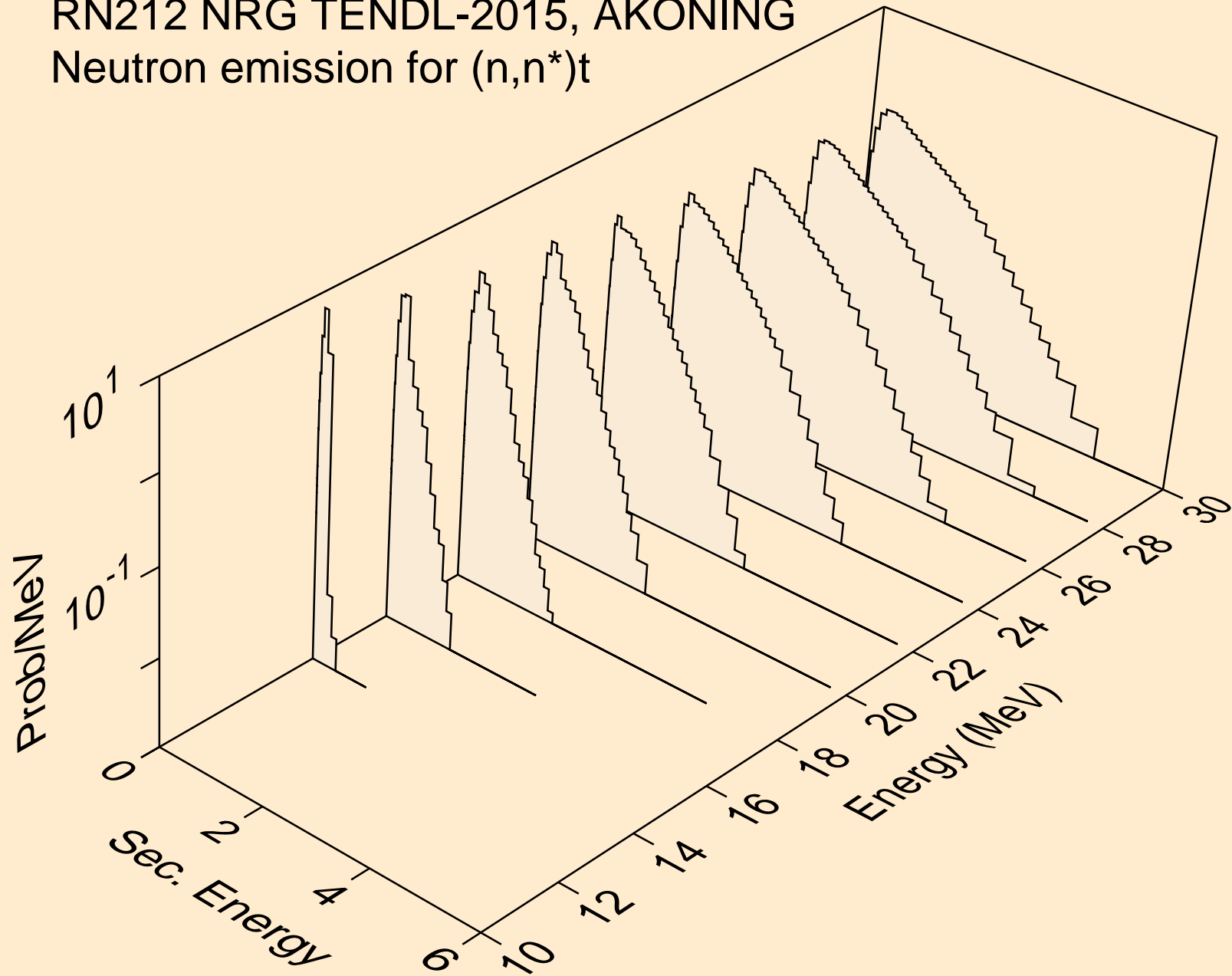
RN212 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



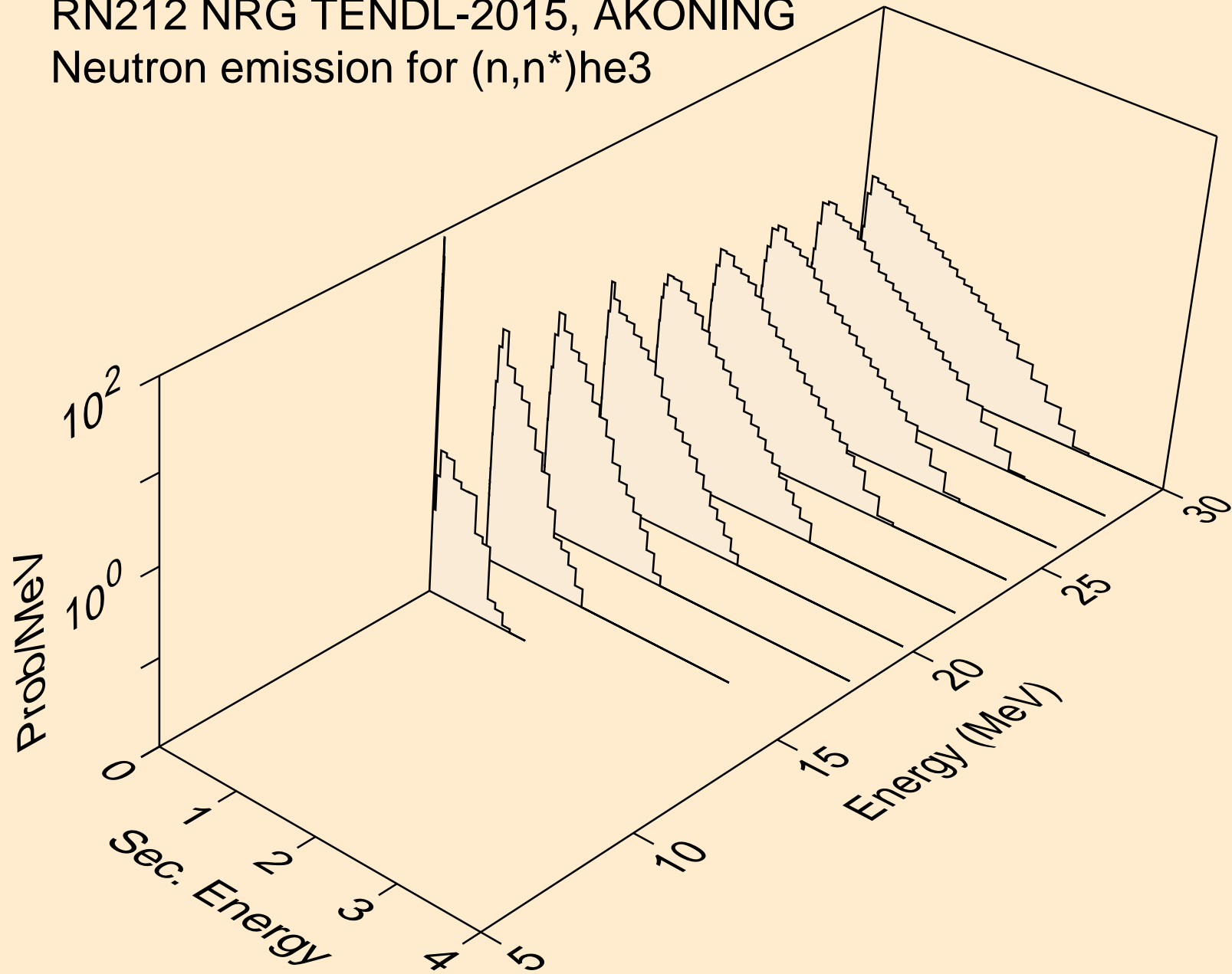
RN212 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



RN212 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

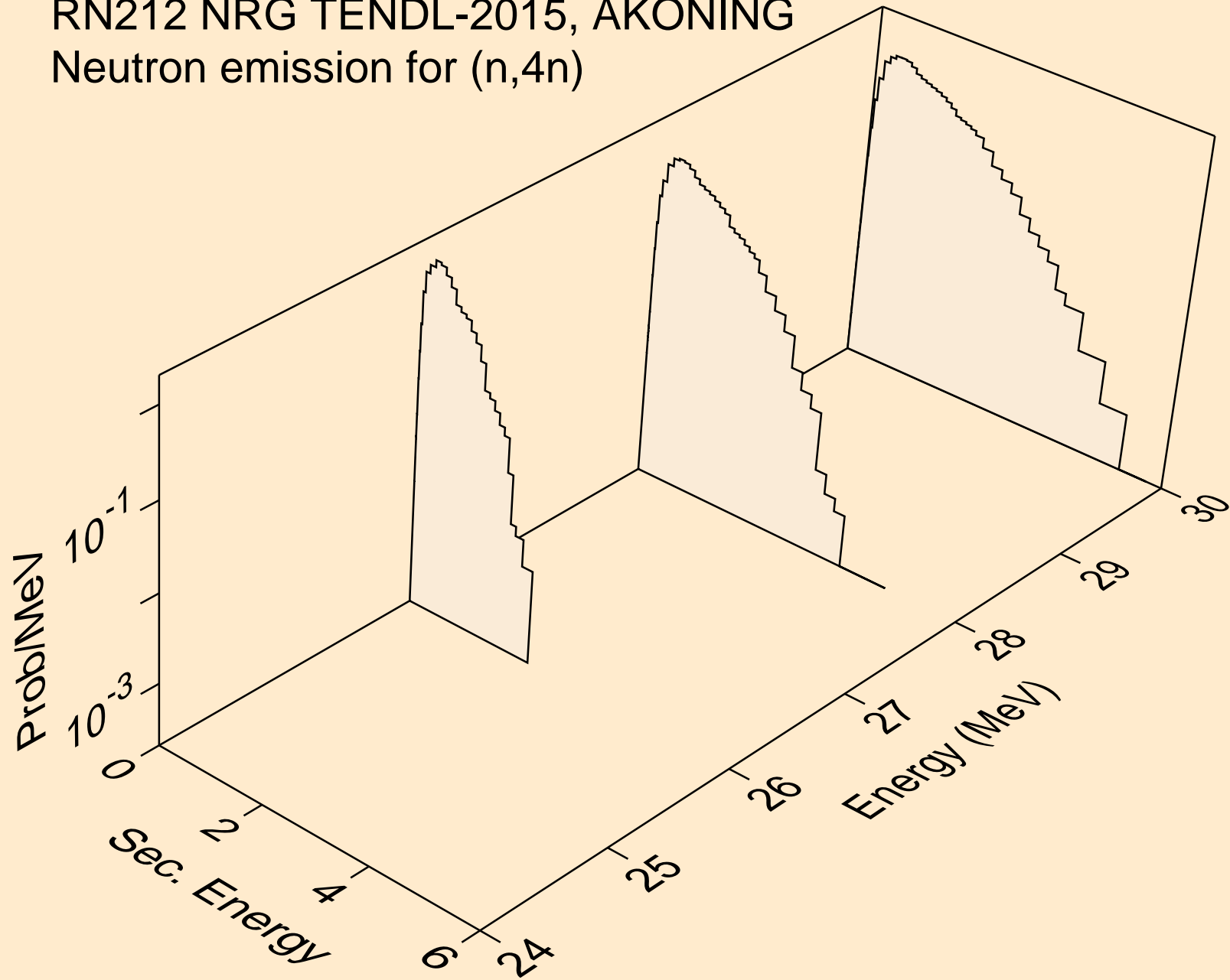


RN212 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

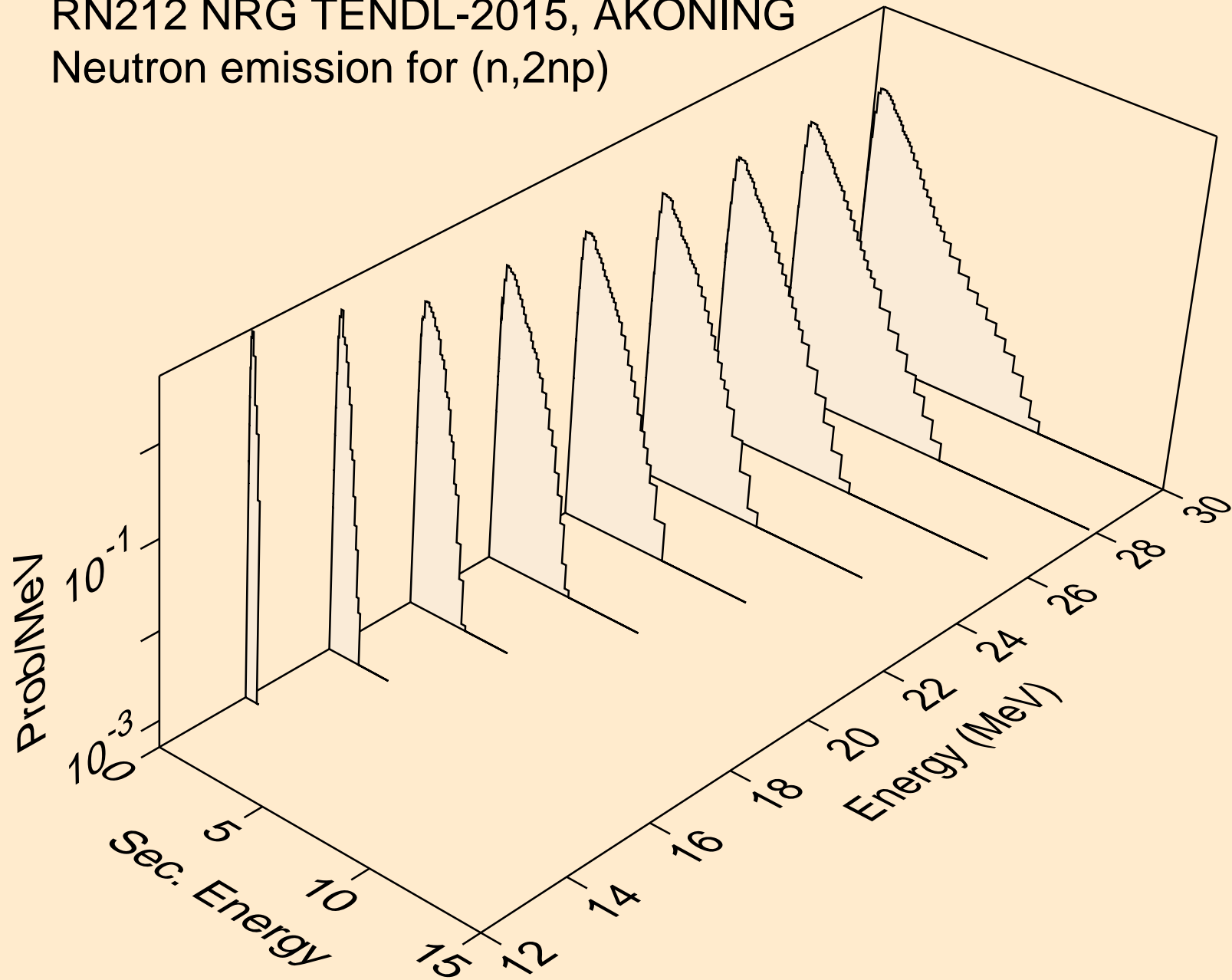




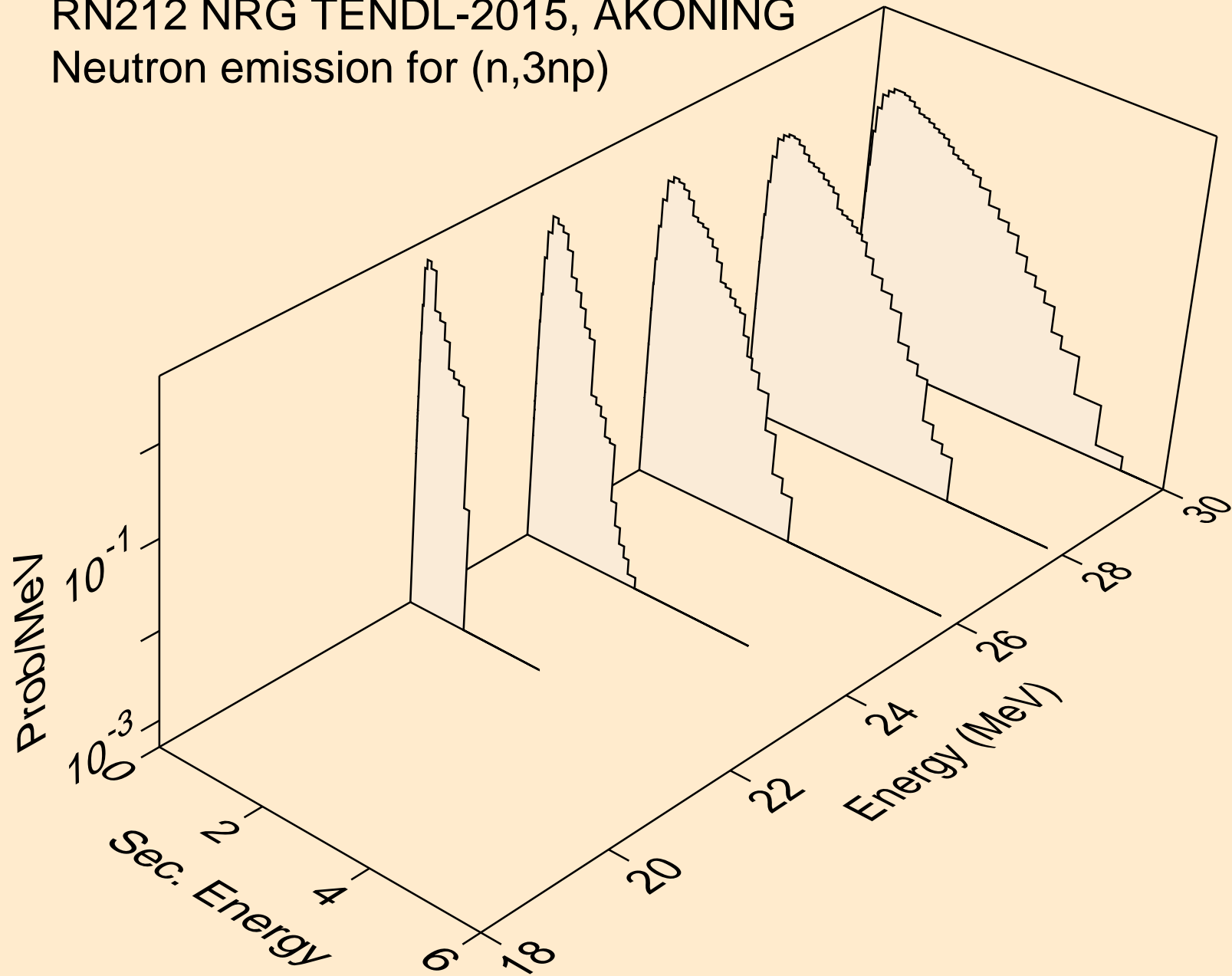
RN212 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



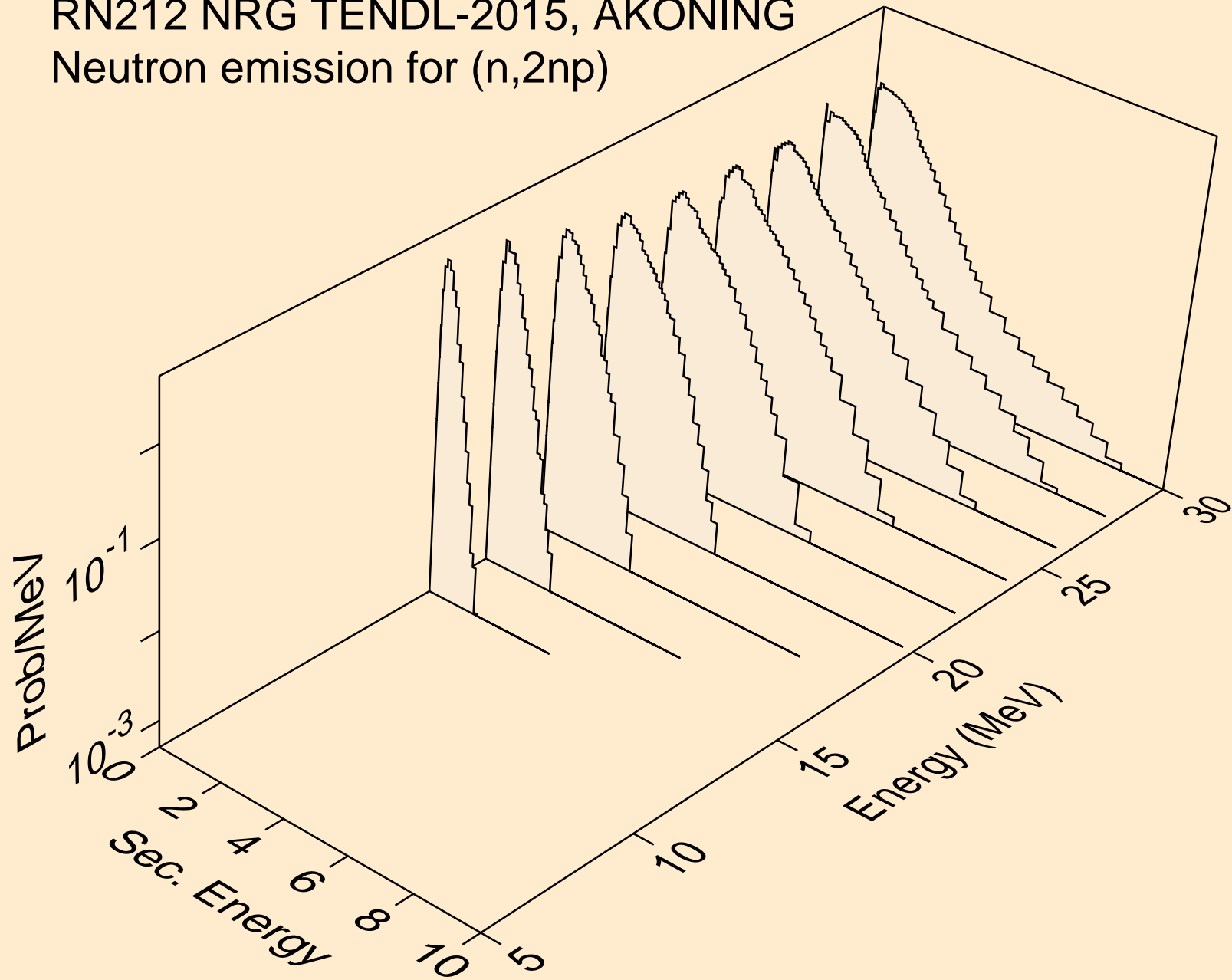
RN212 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



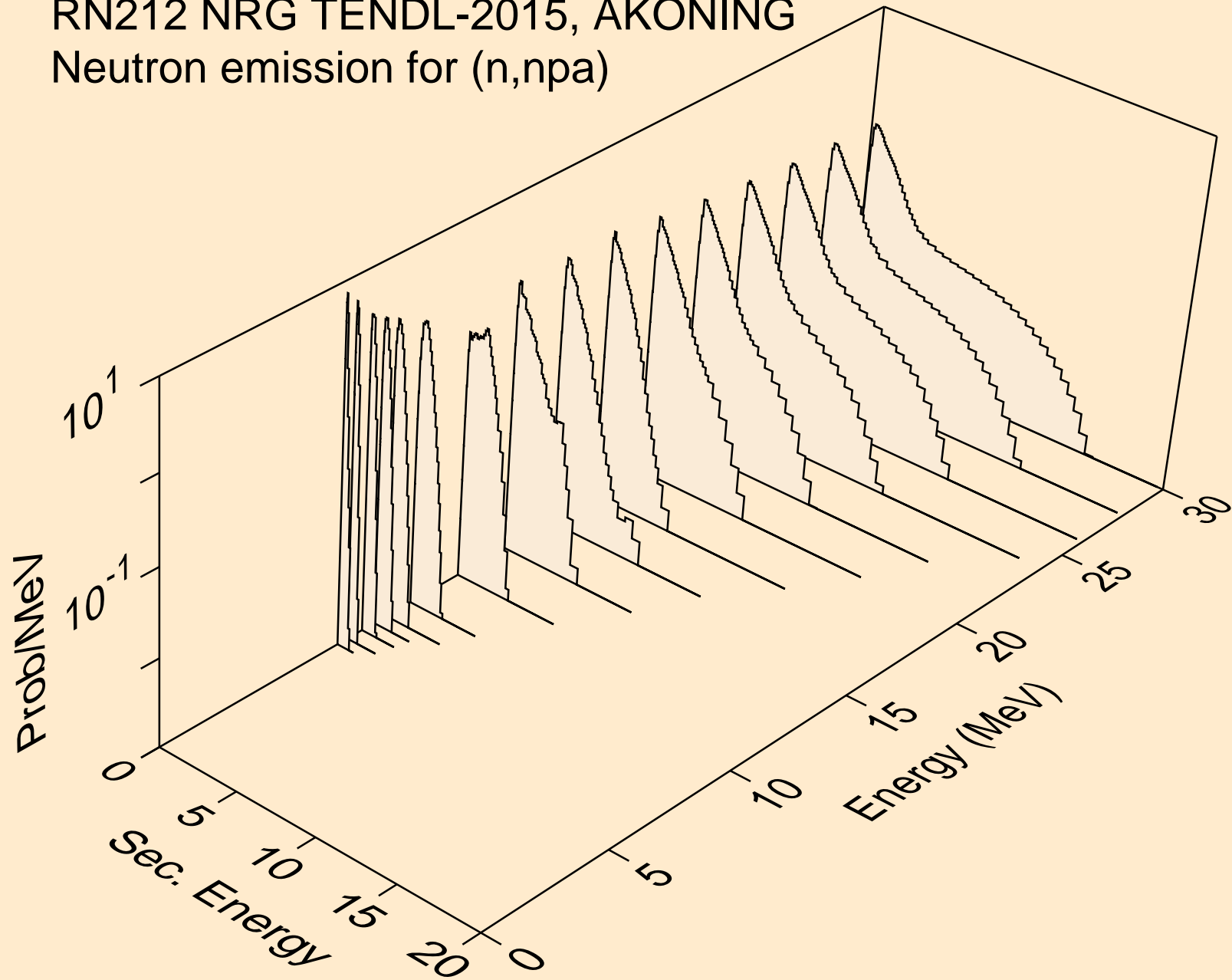
RN212 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



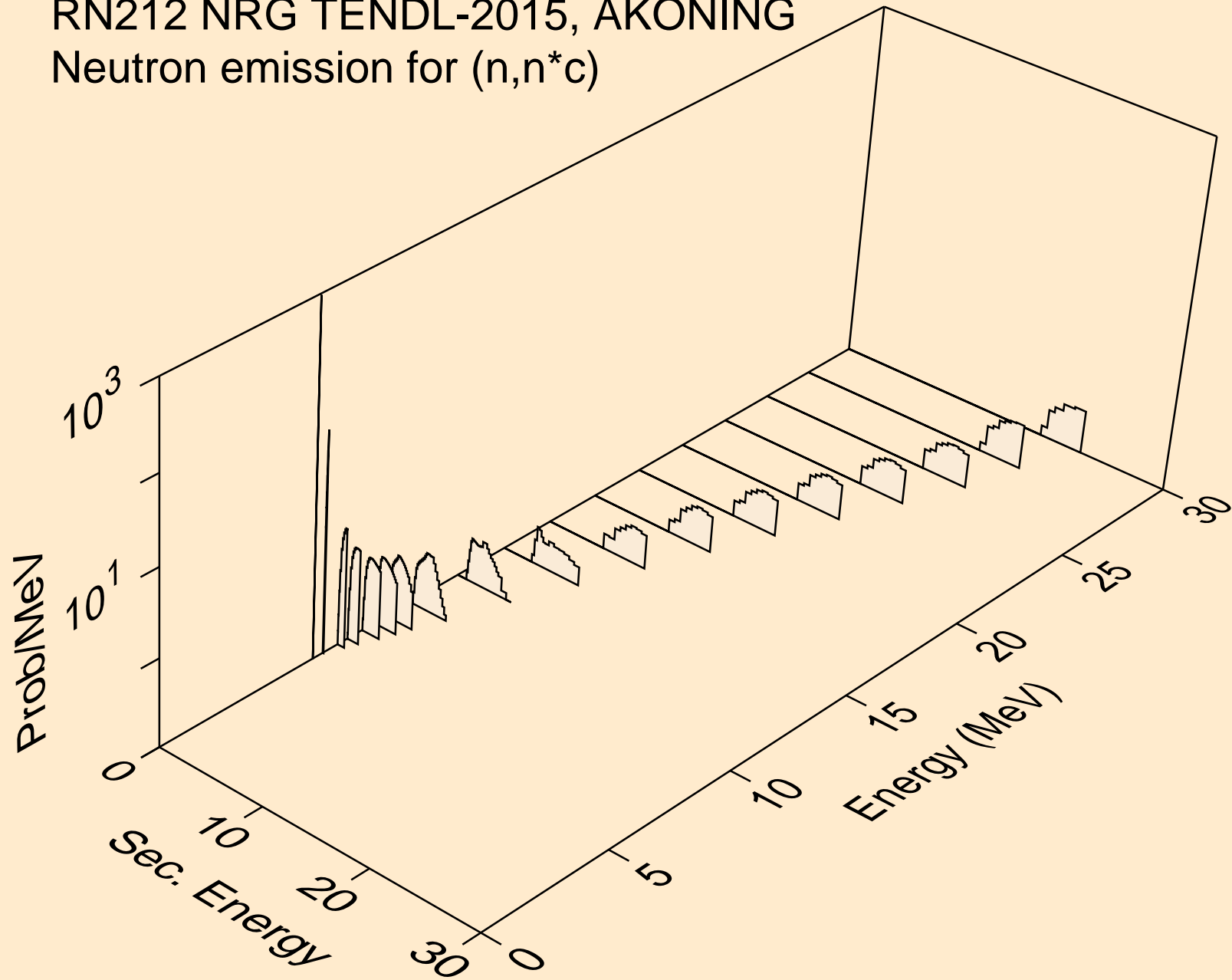
RN212 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



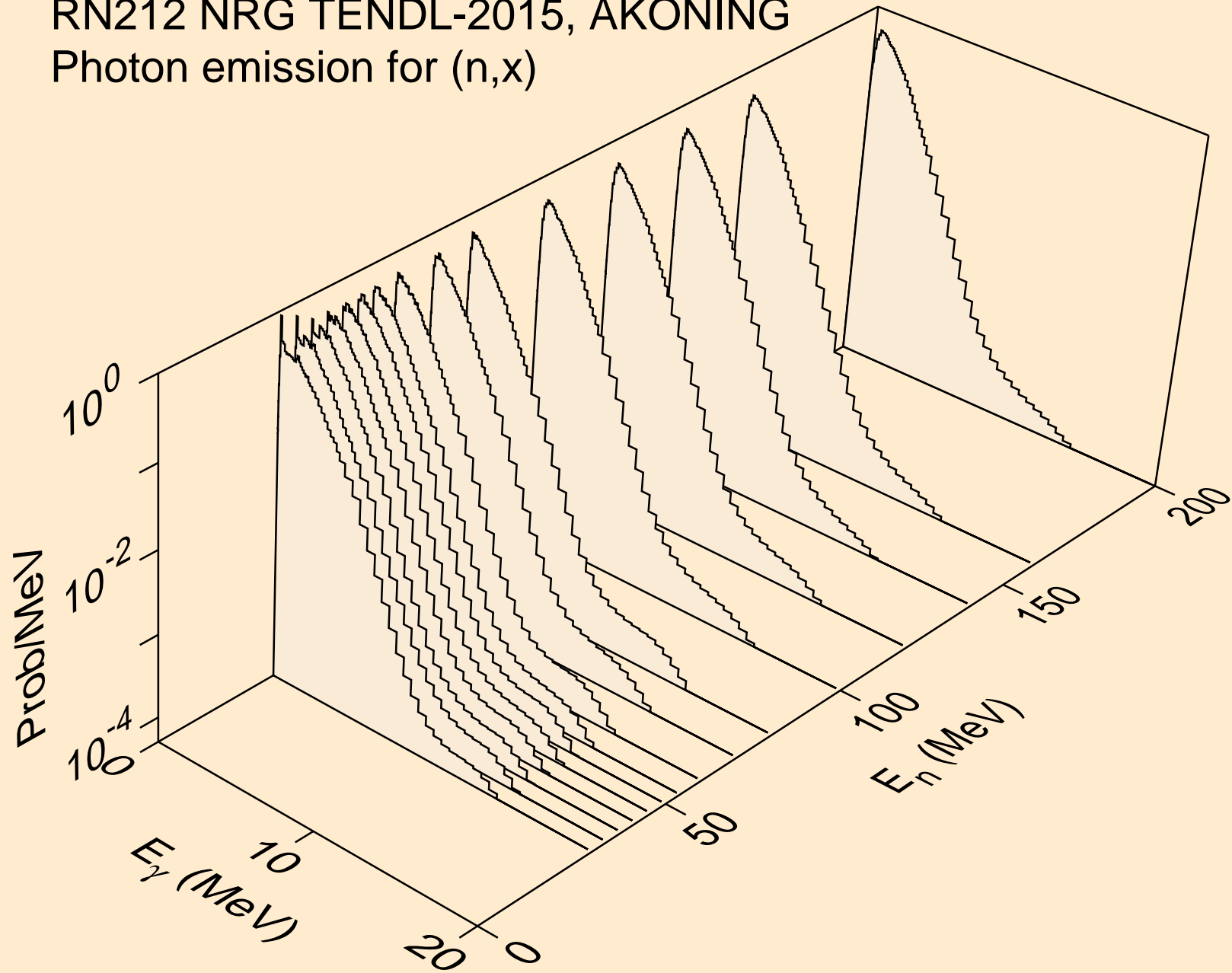
RN212 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



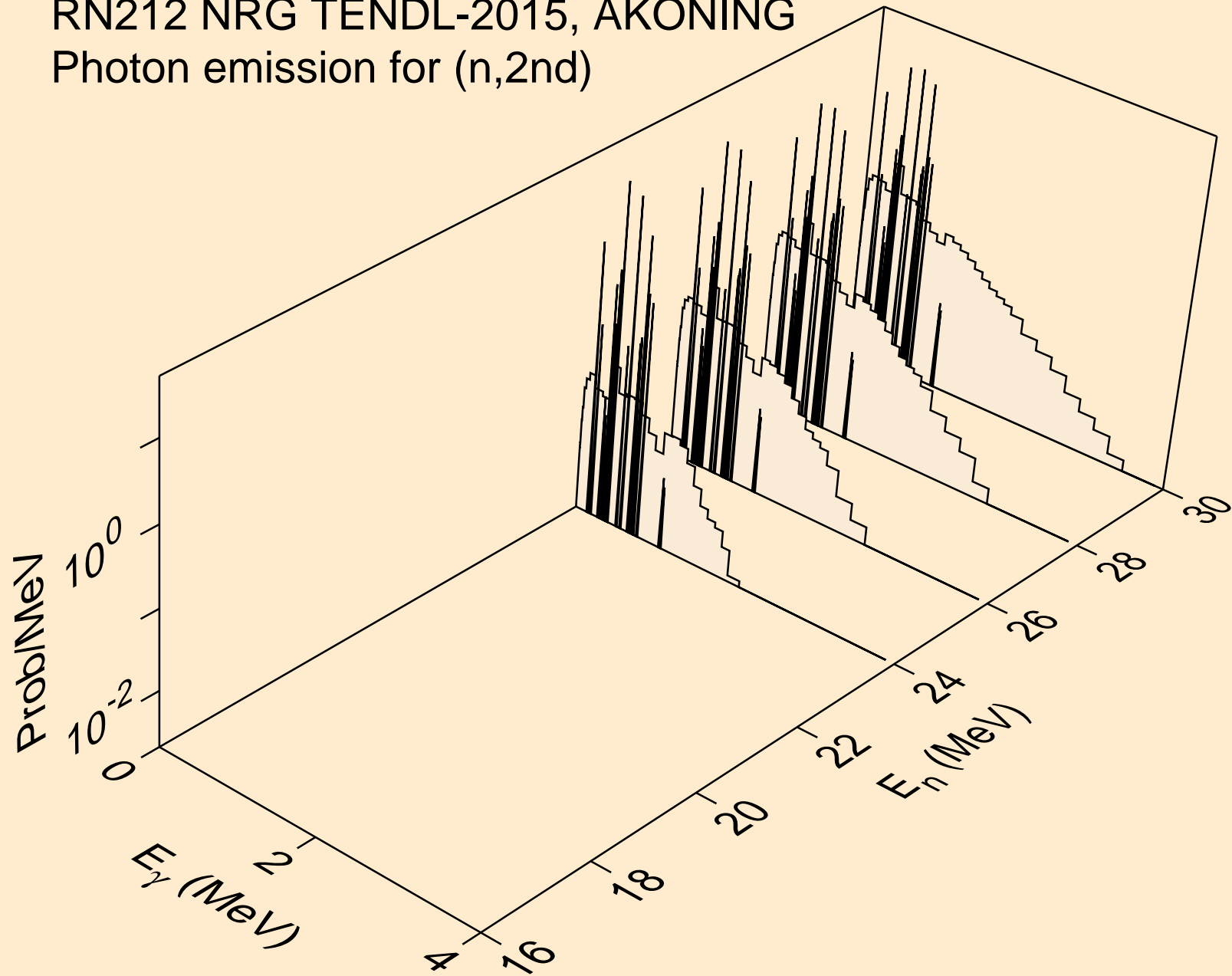
RN212 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



RN212 NRG TENDL-2015, AKONING  
Photon emission for (n,x)

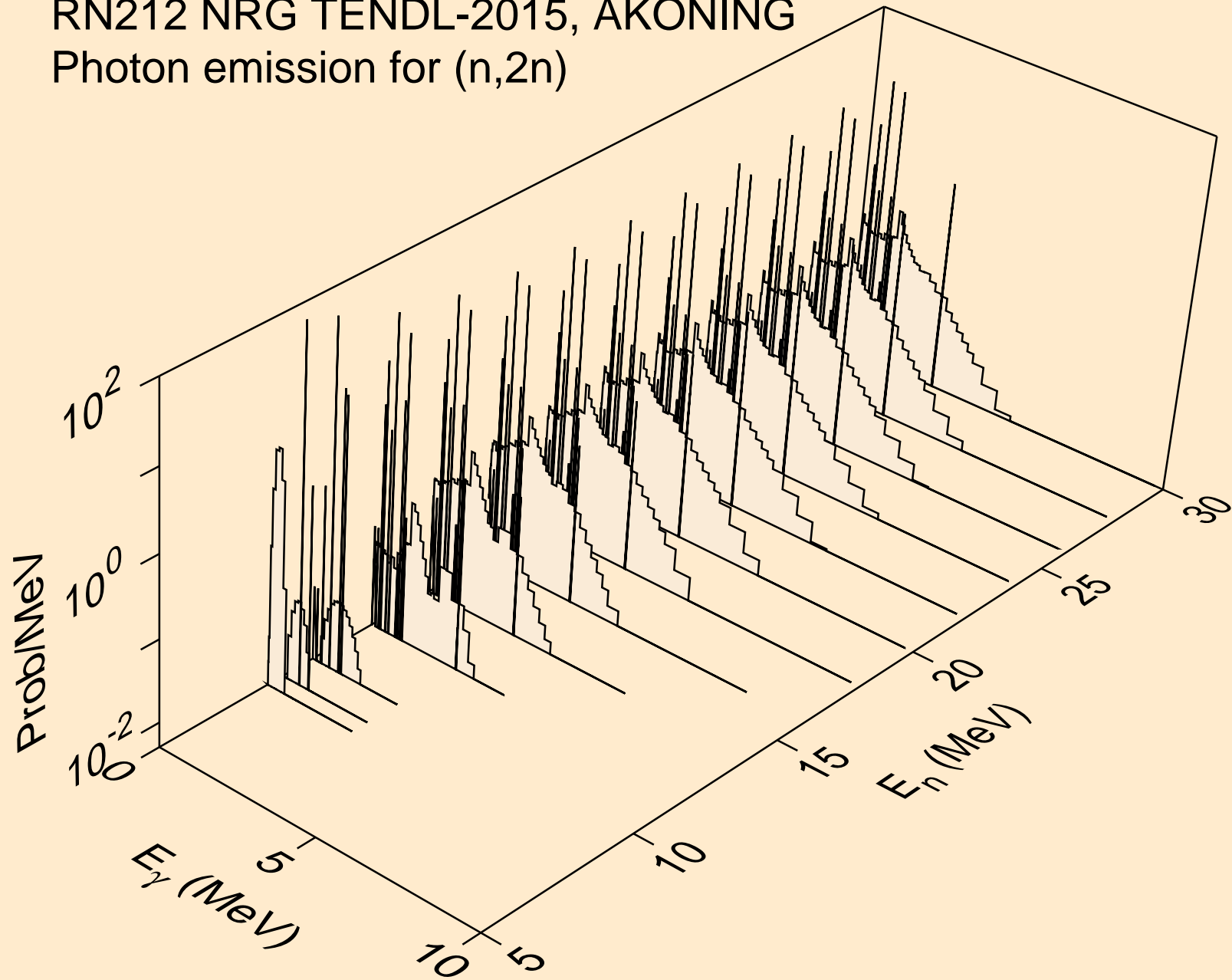


RN212 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

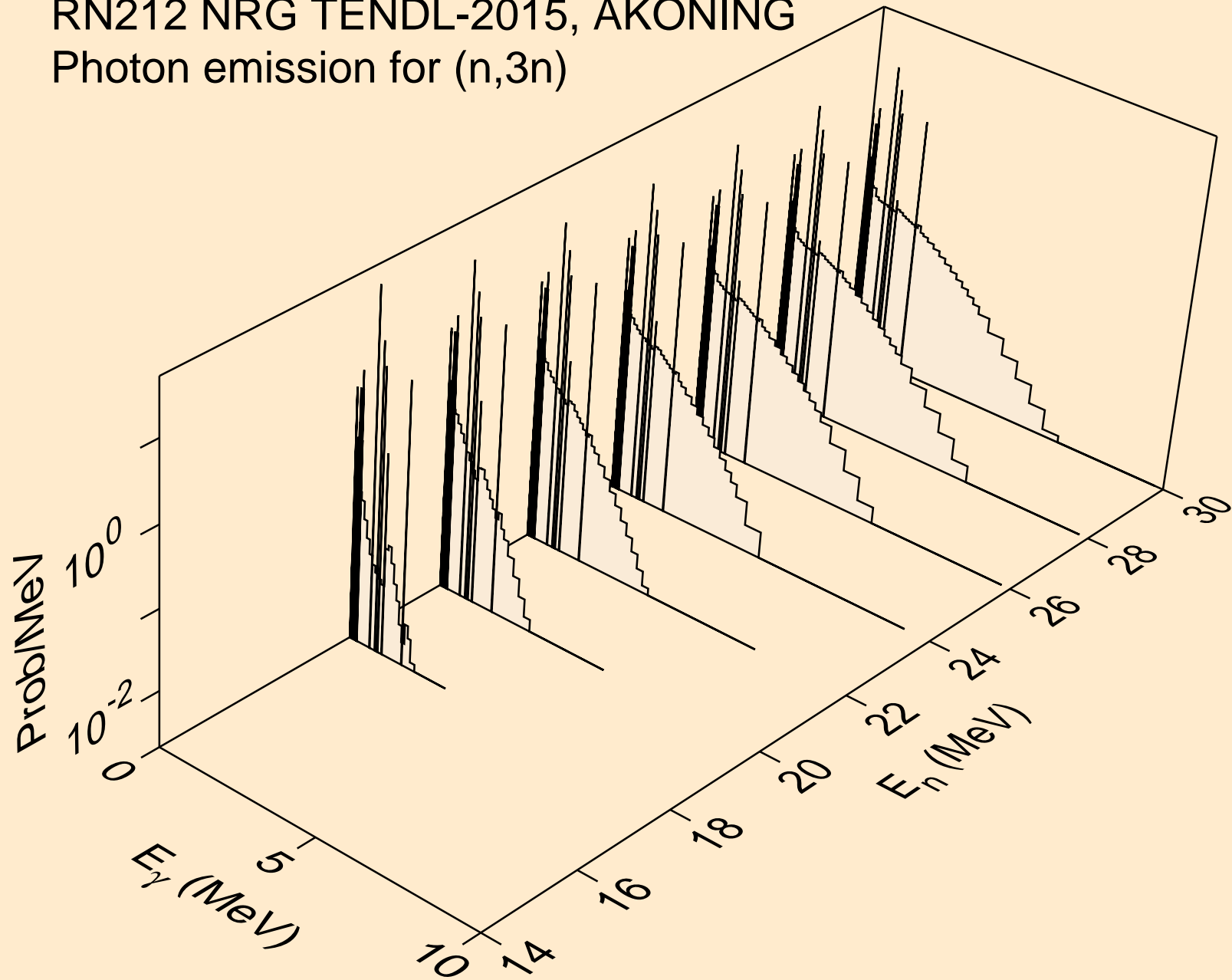




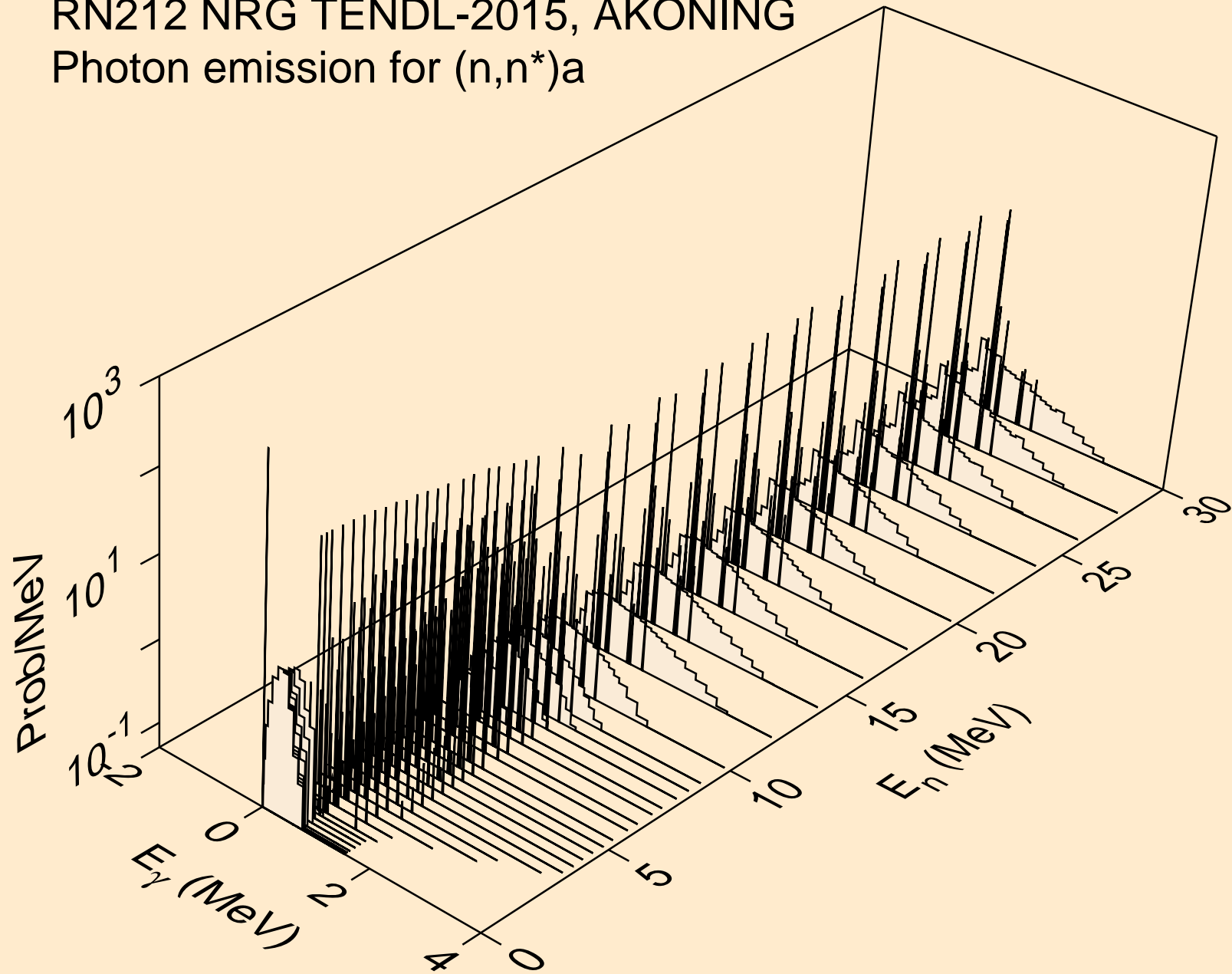
RN212 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



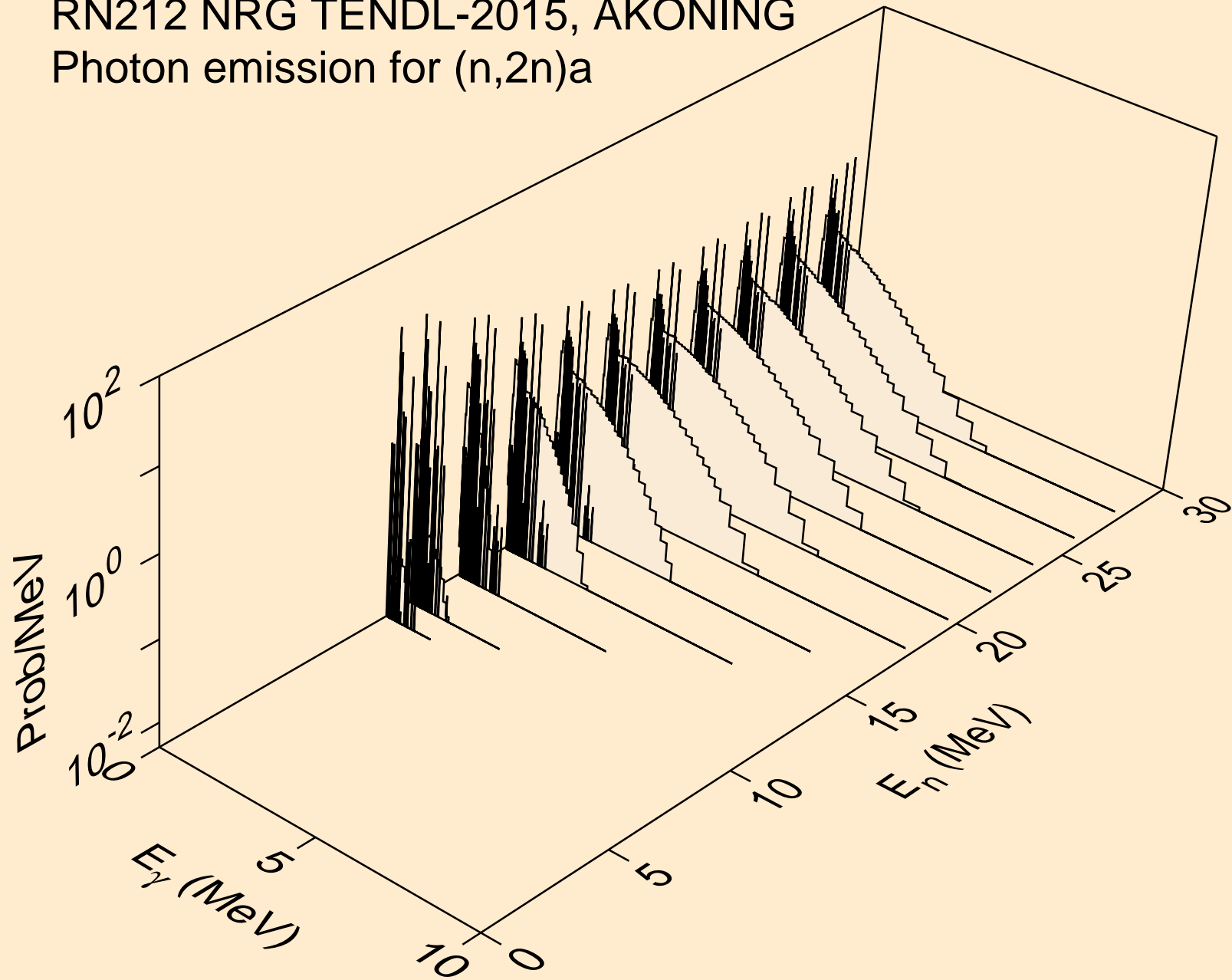
RN212 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



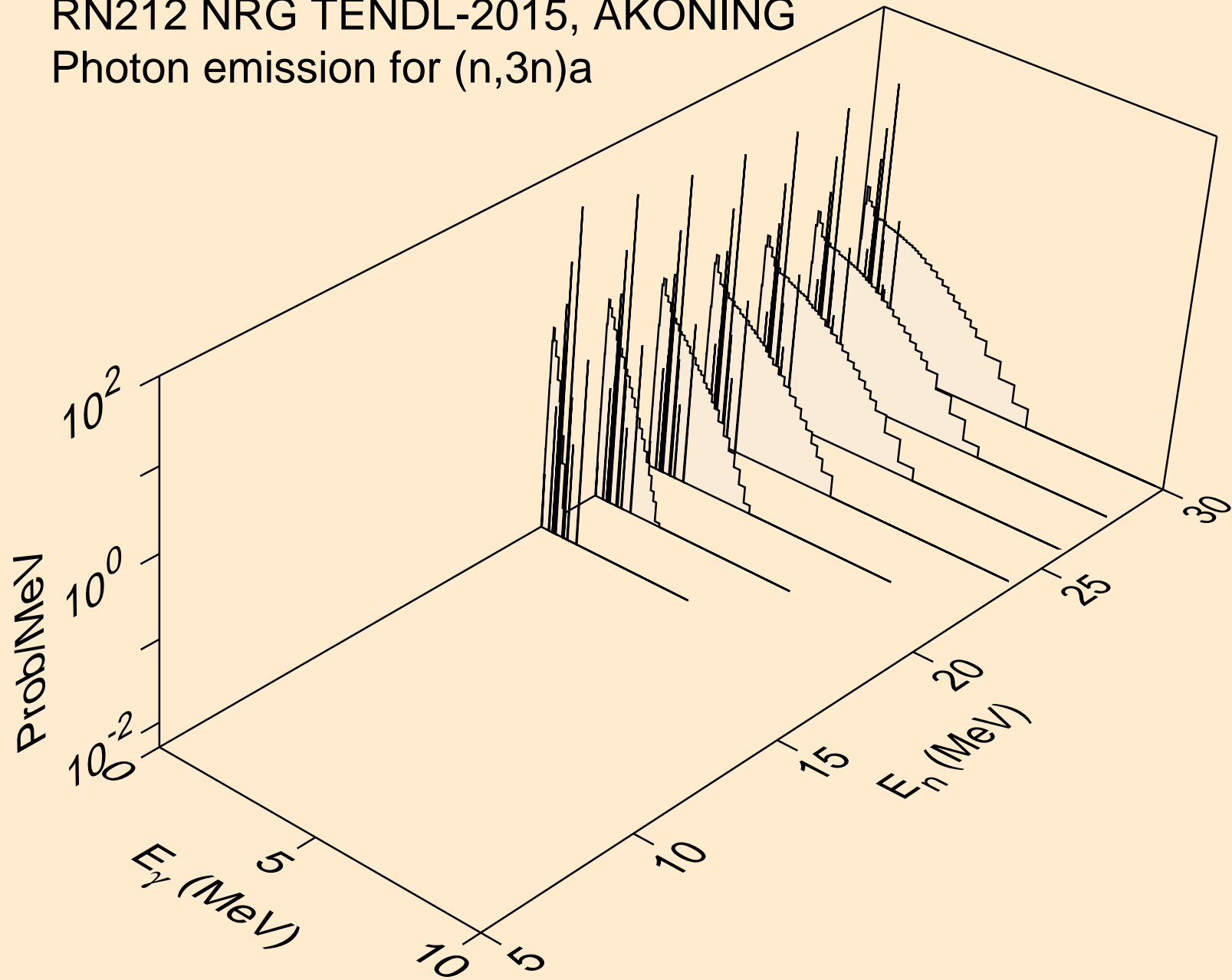
RN212 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



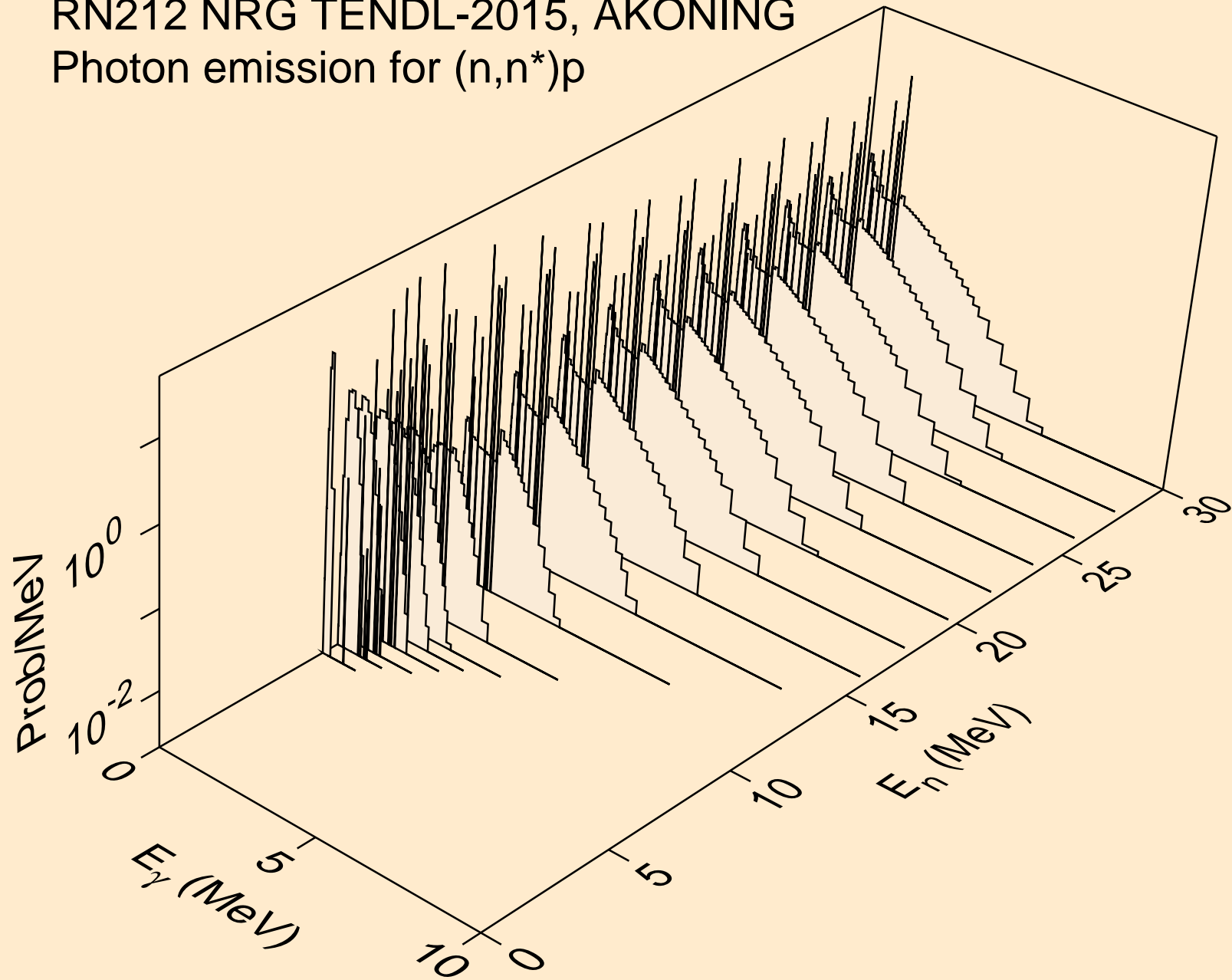
RN212 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



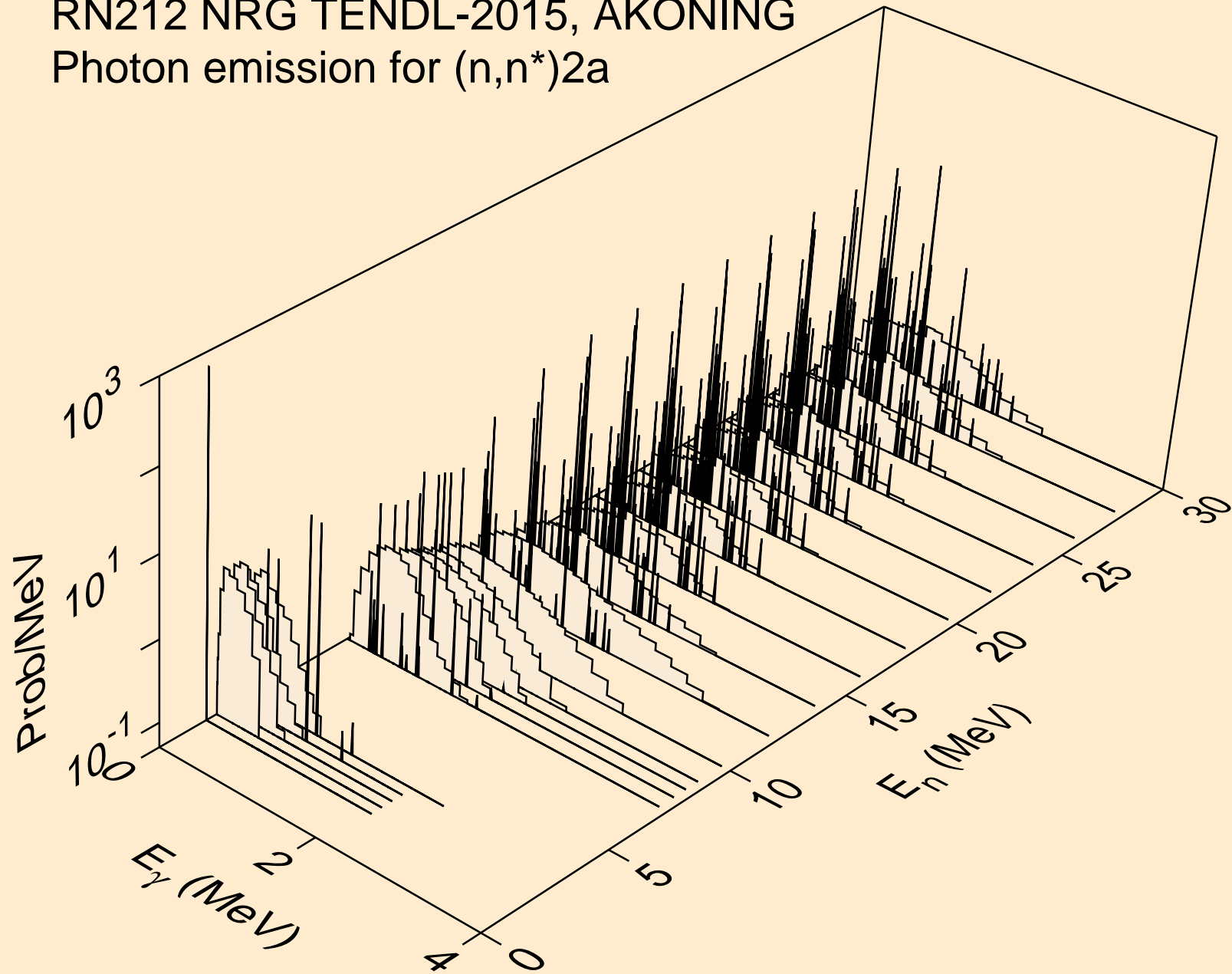
RN212 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



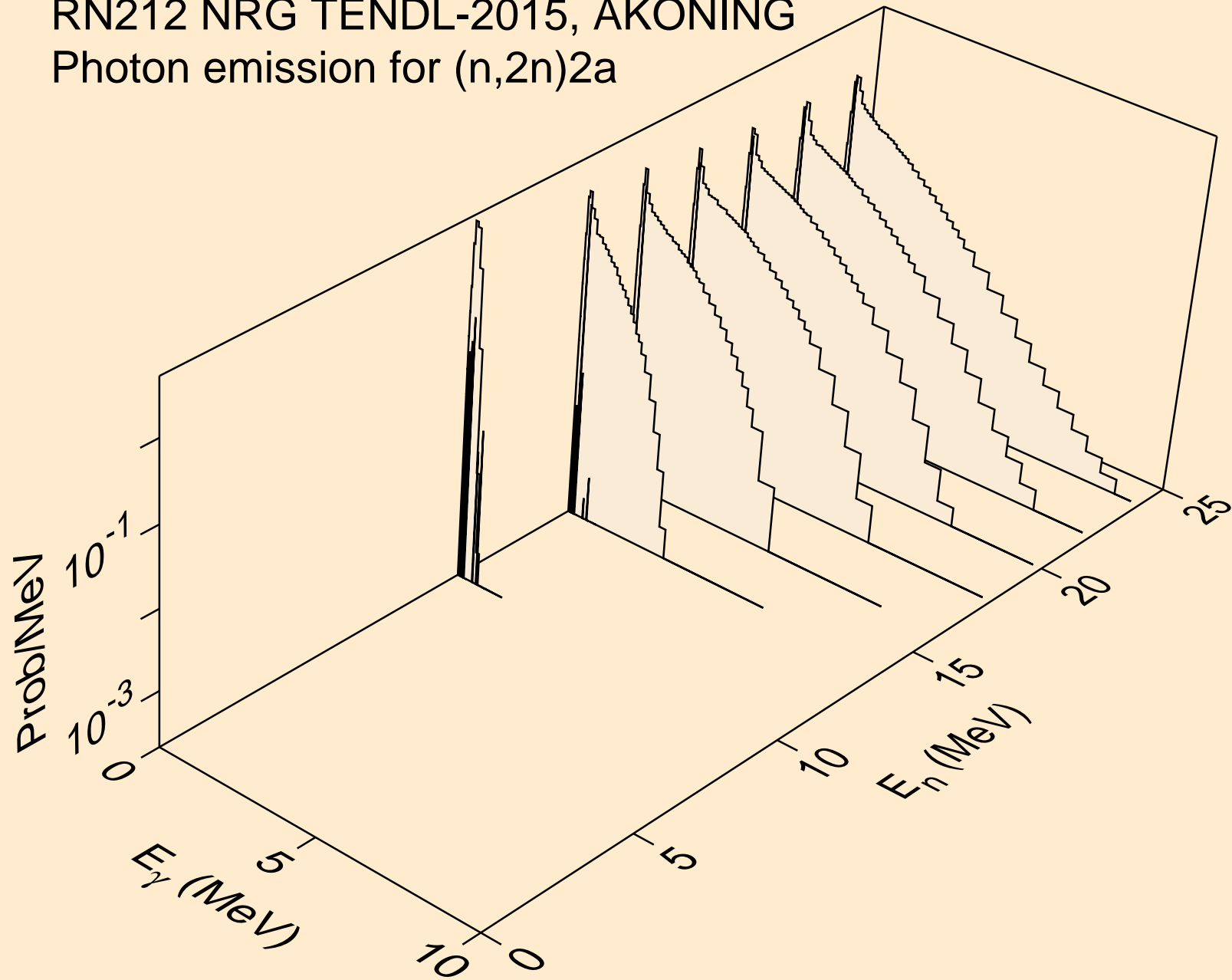
RN212 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



RN212 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a

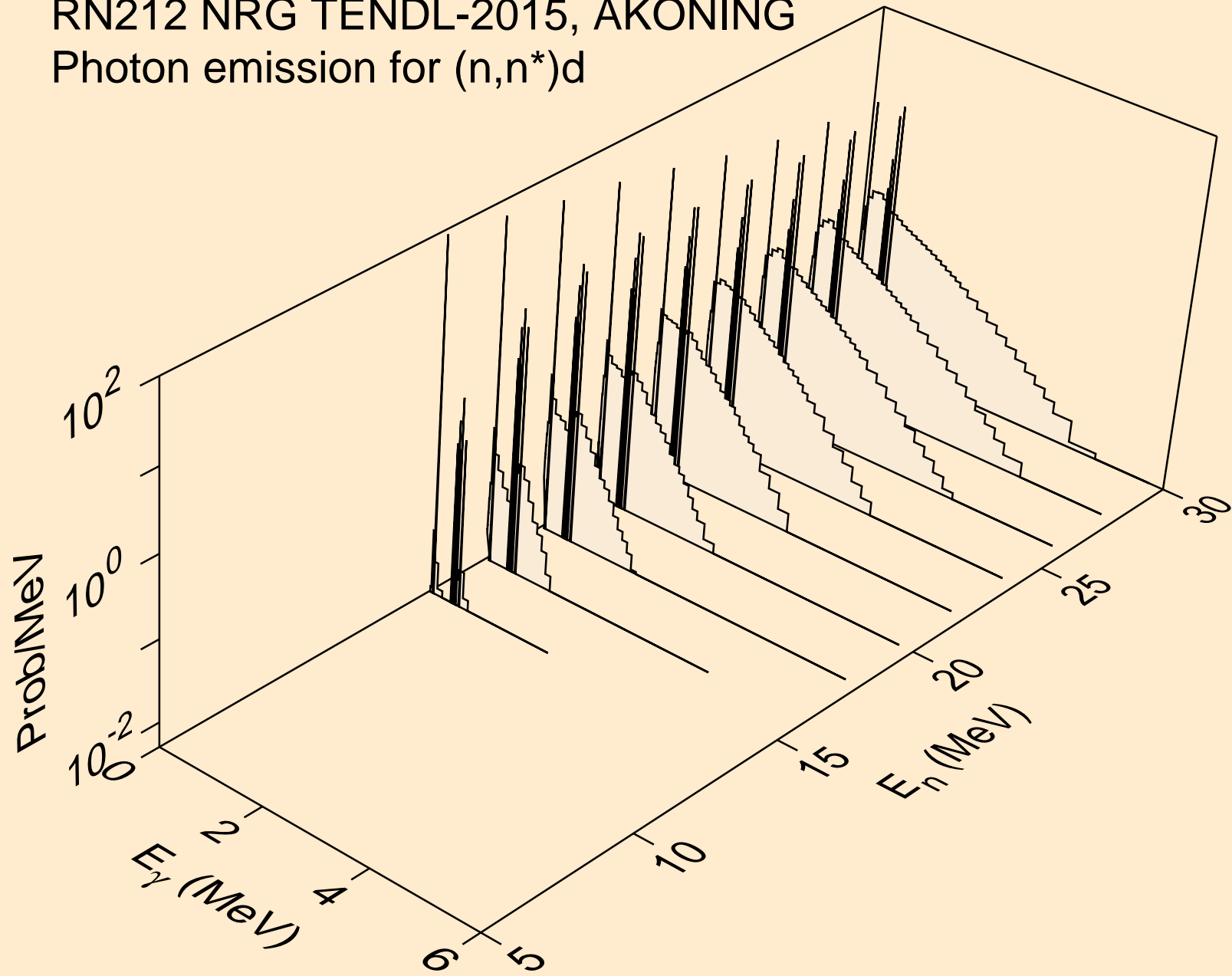


RN212 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a

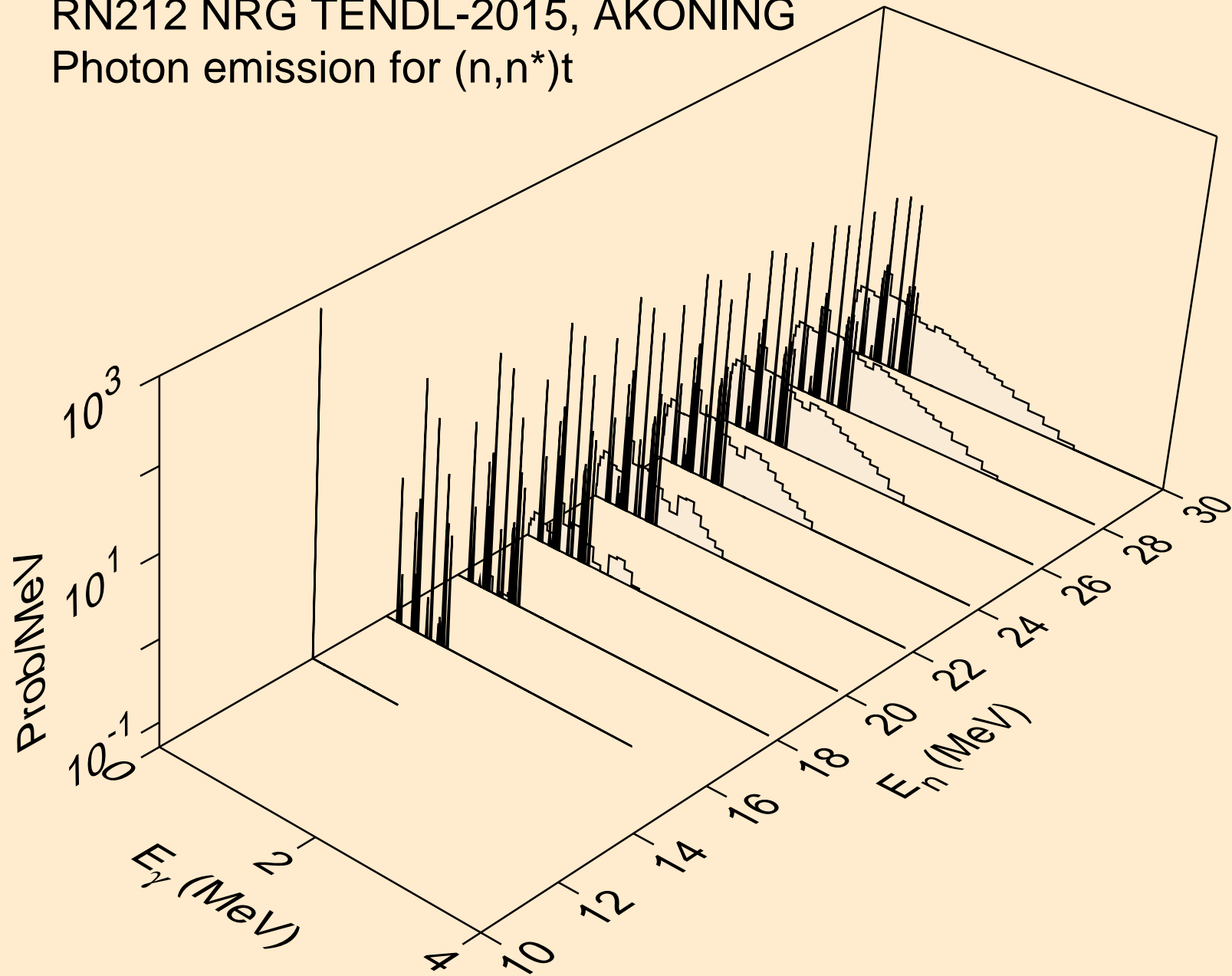




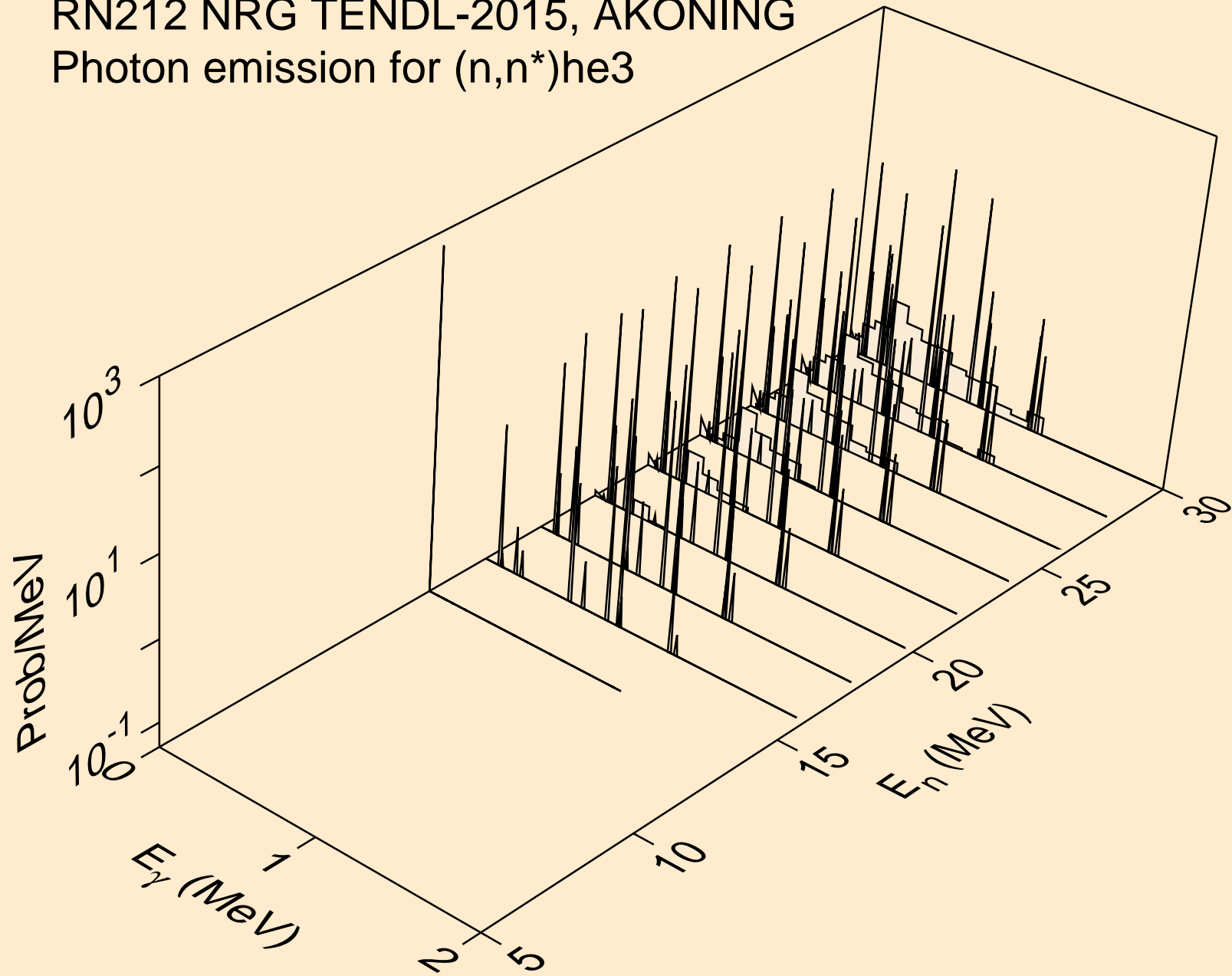
RN212 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



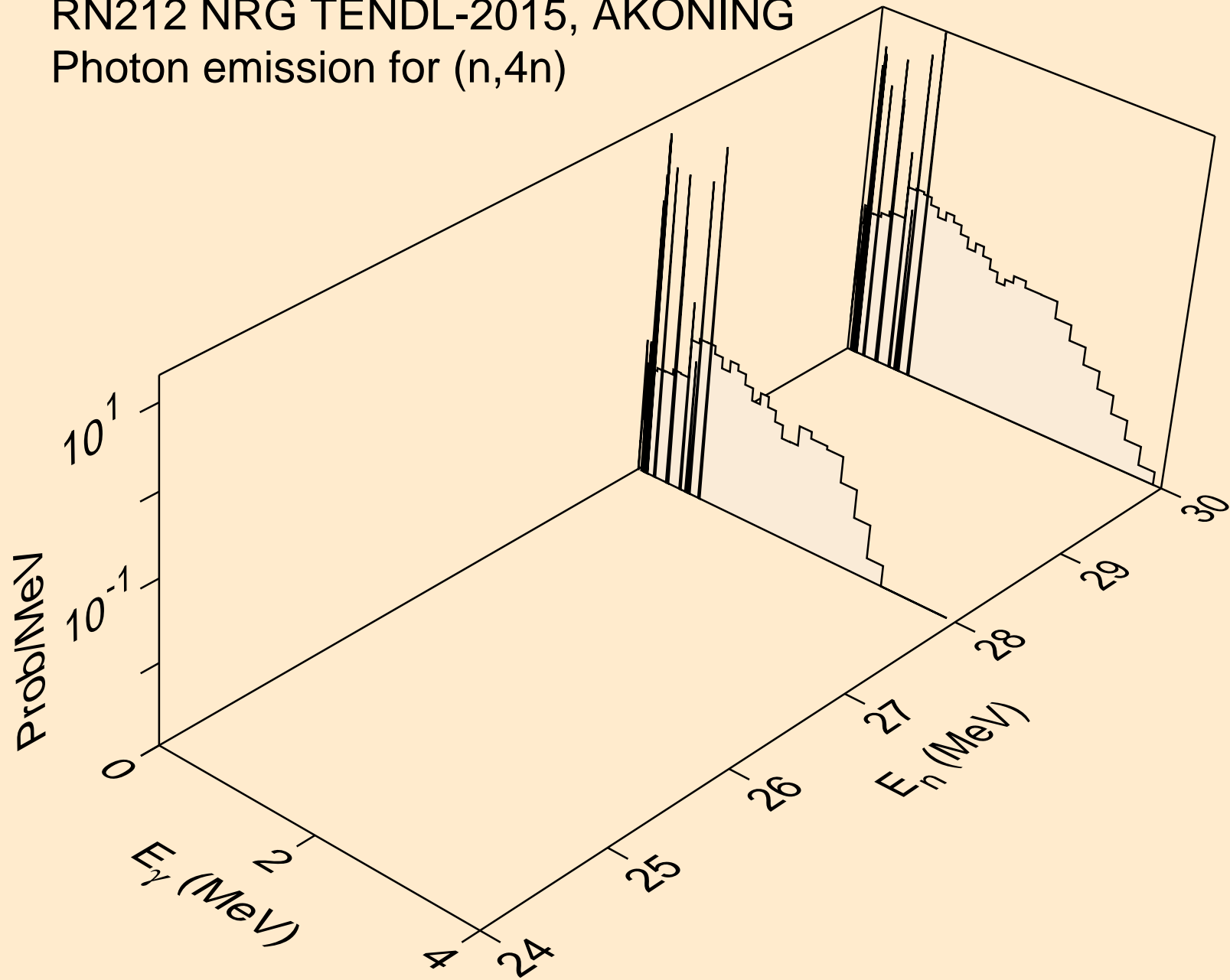
RN212 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



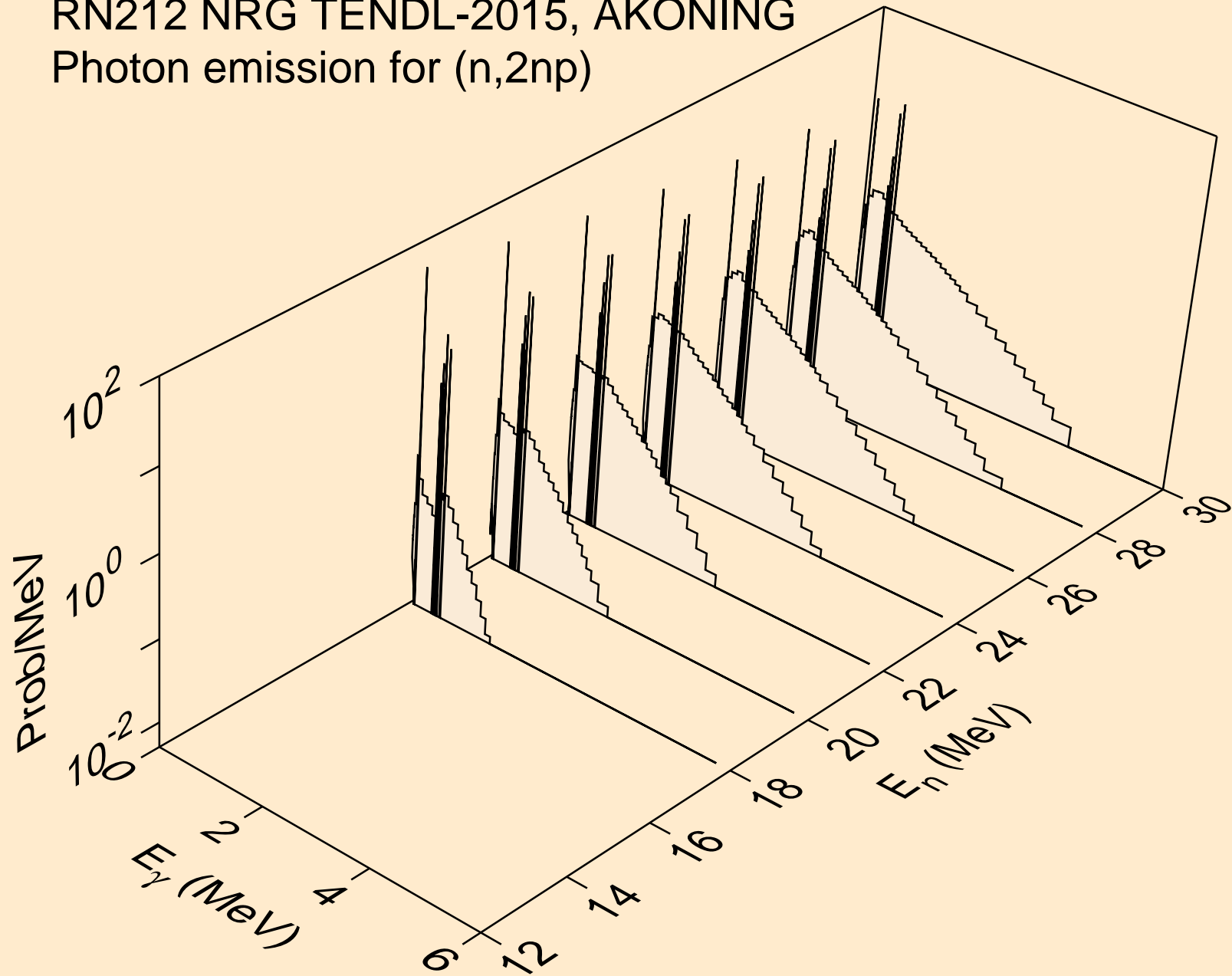
RN212 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



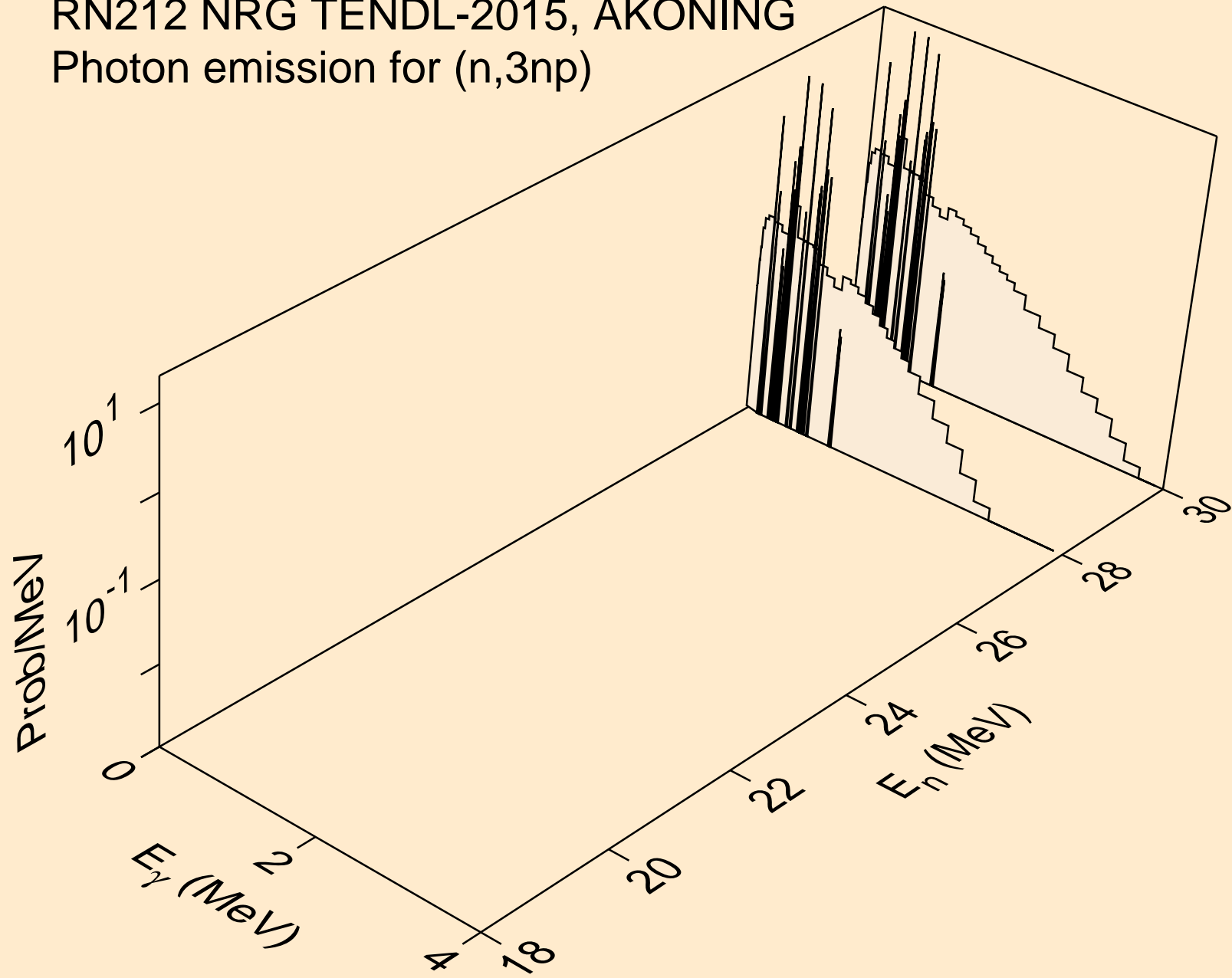
RN212 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



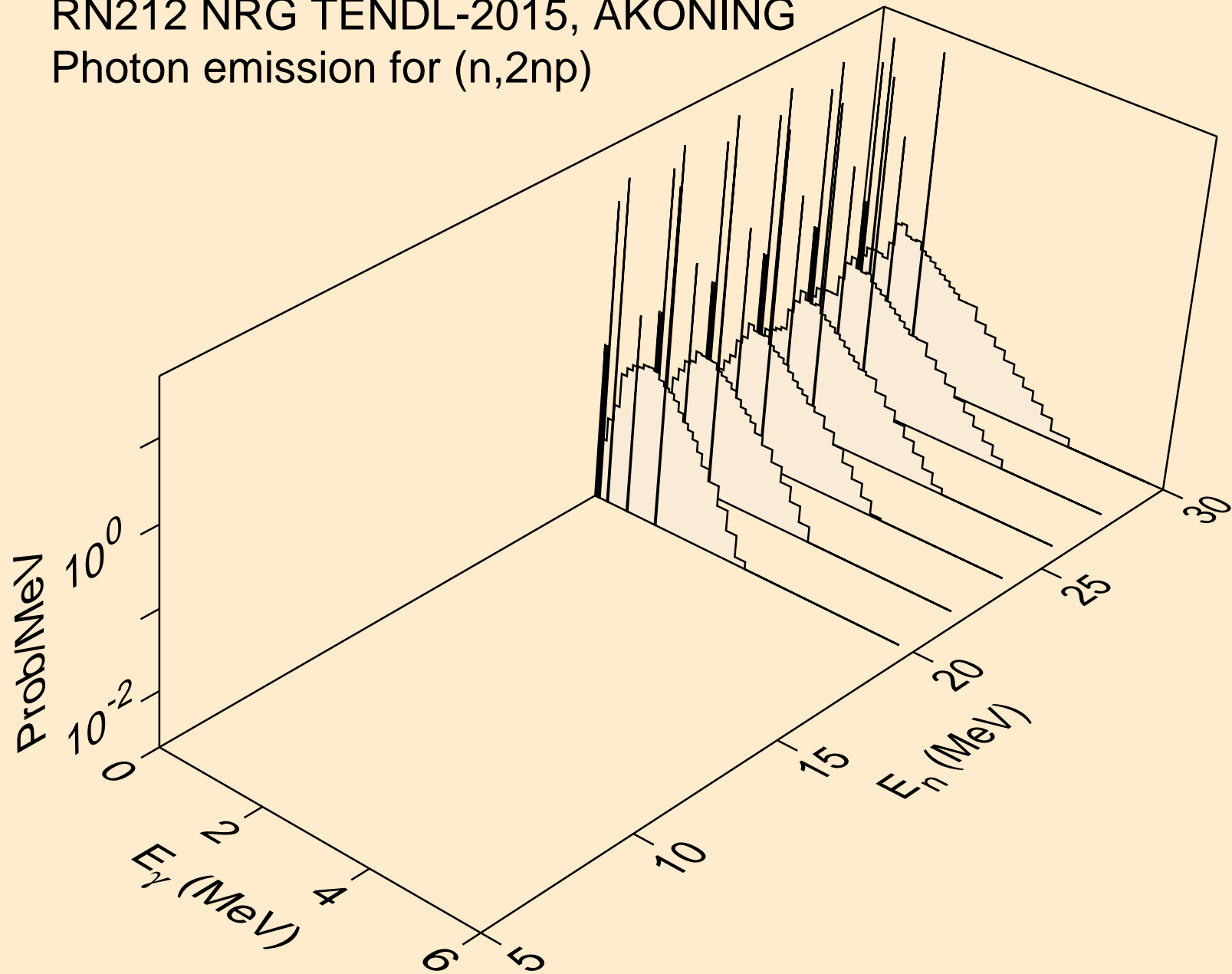
RN212 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



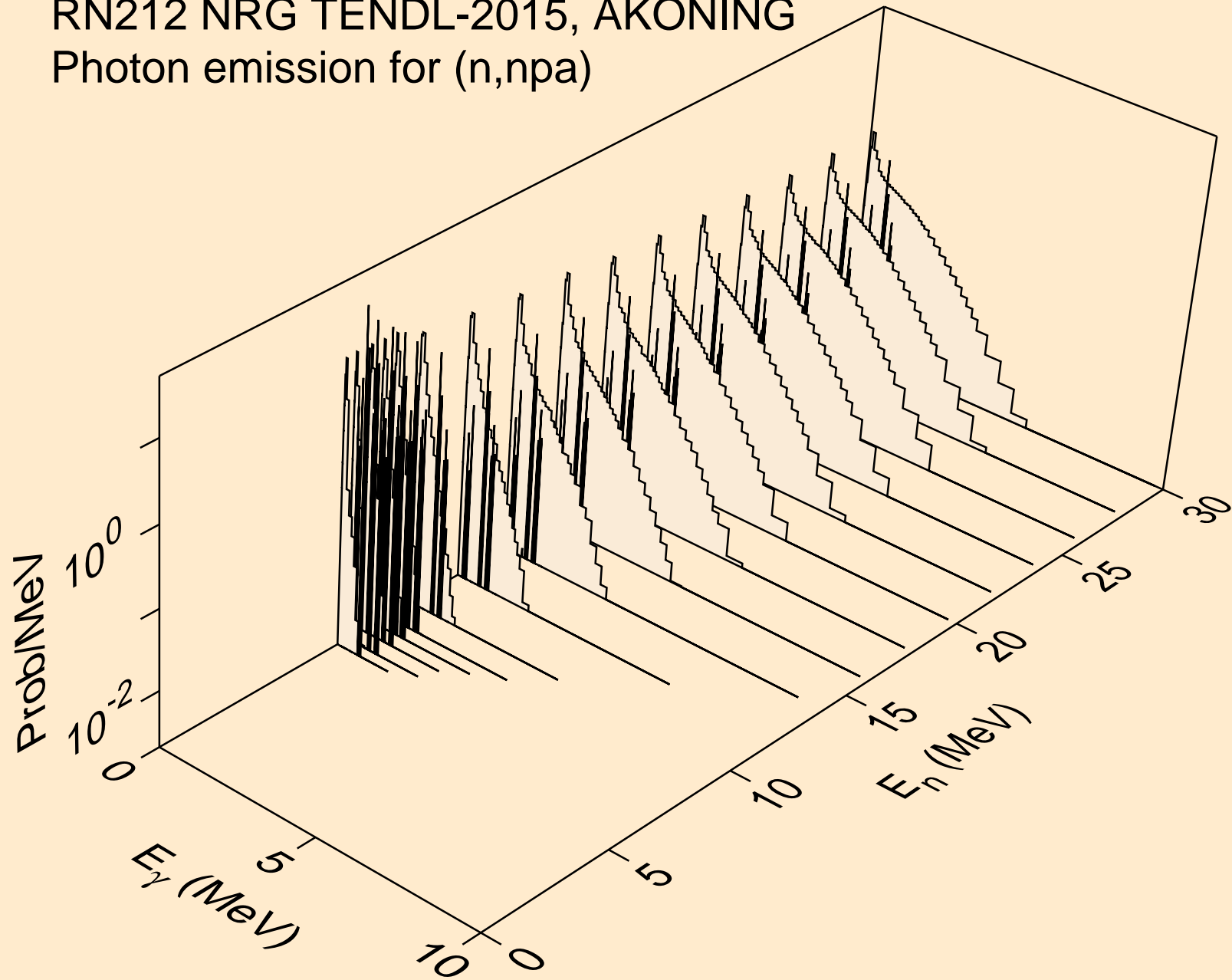
RN212 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



RN212 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

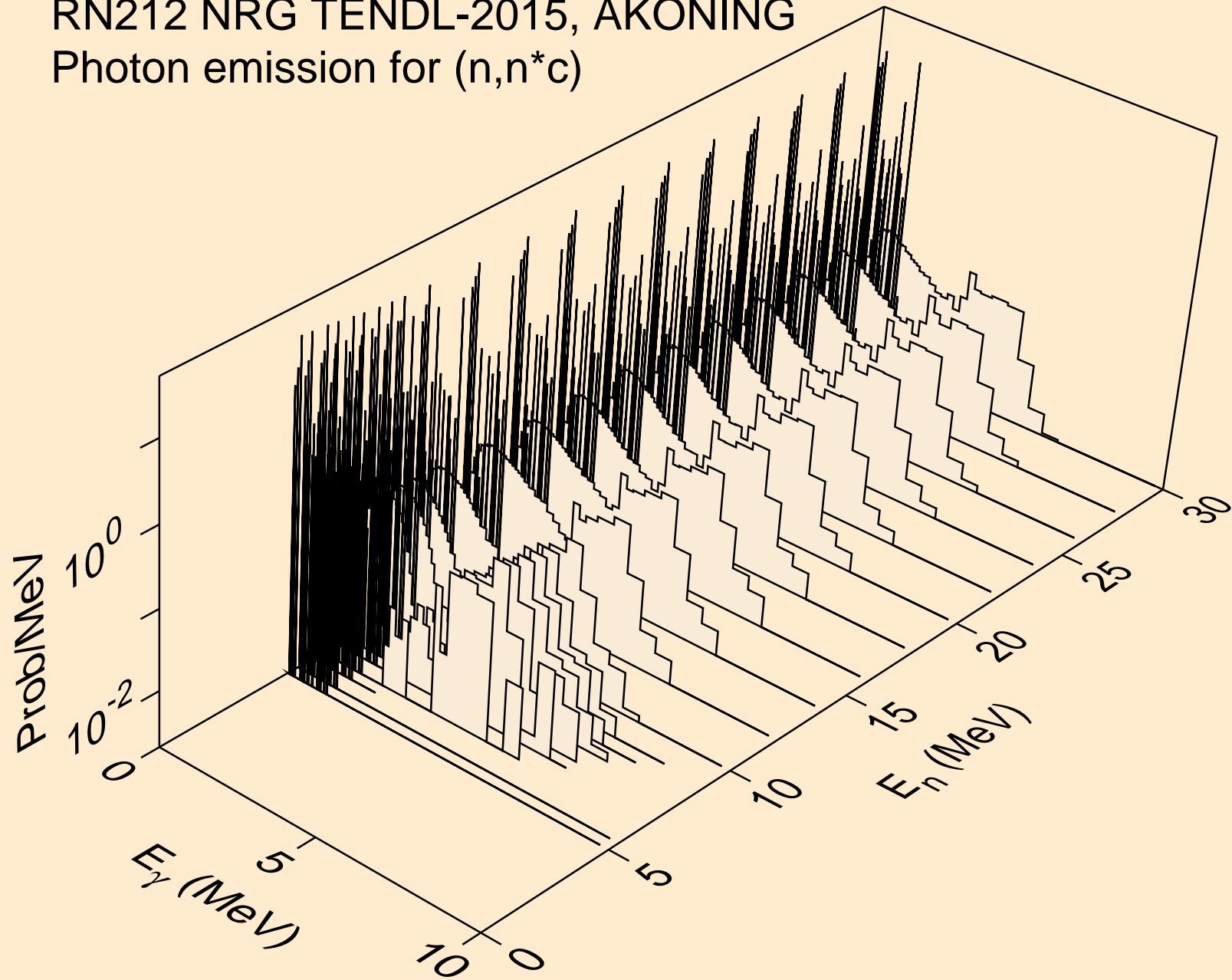


RN212 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

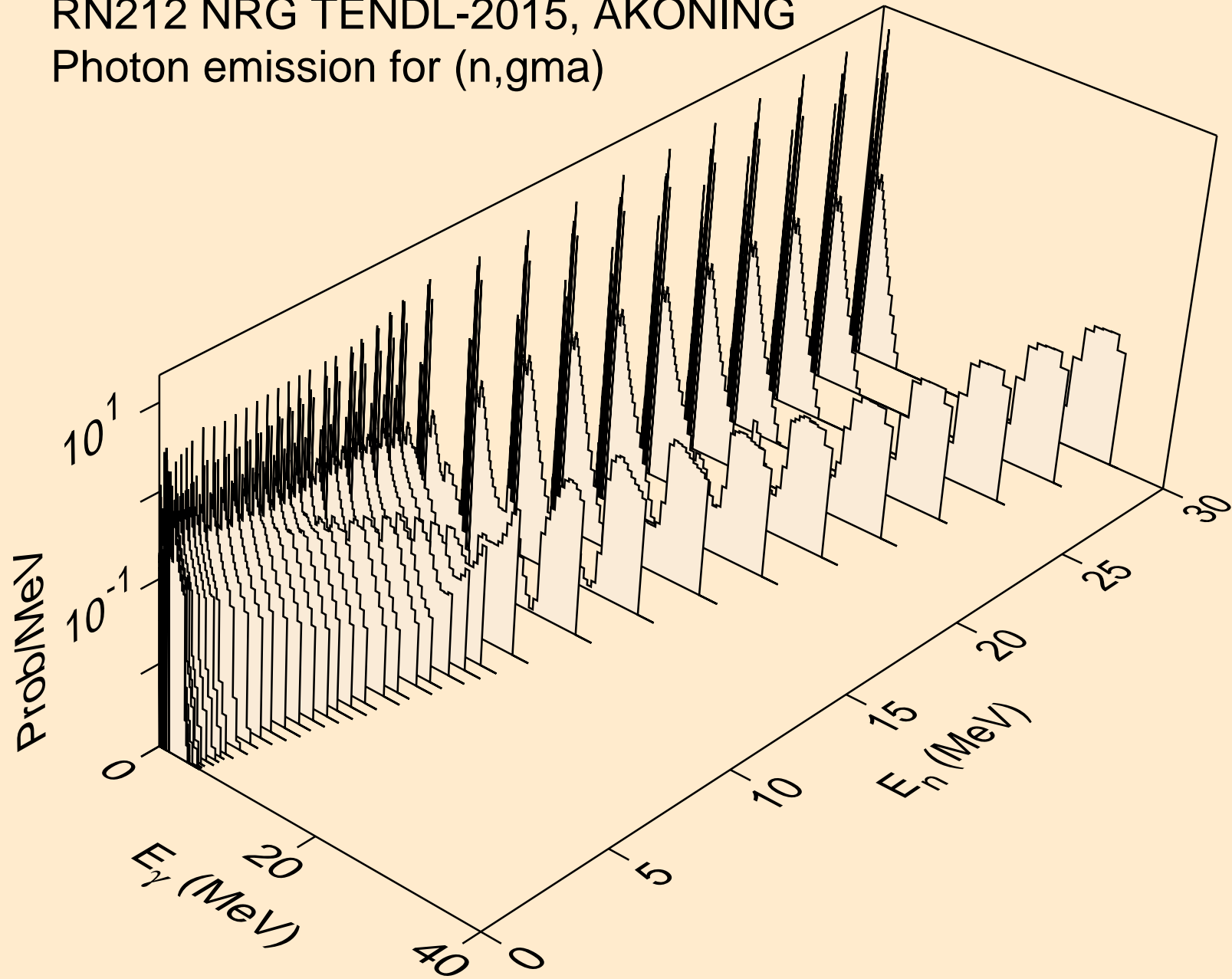




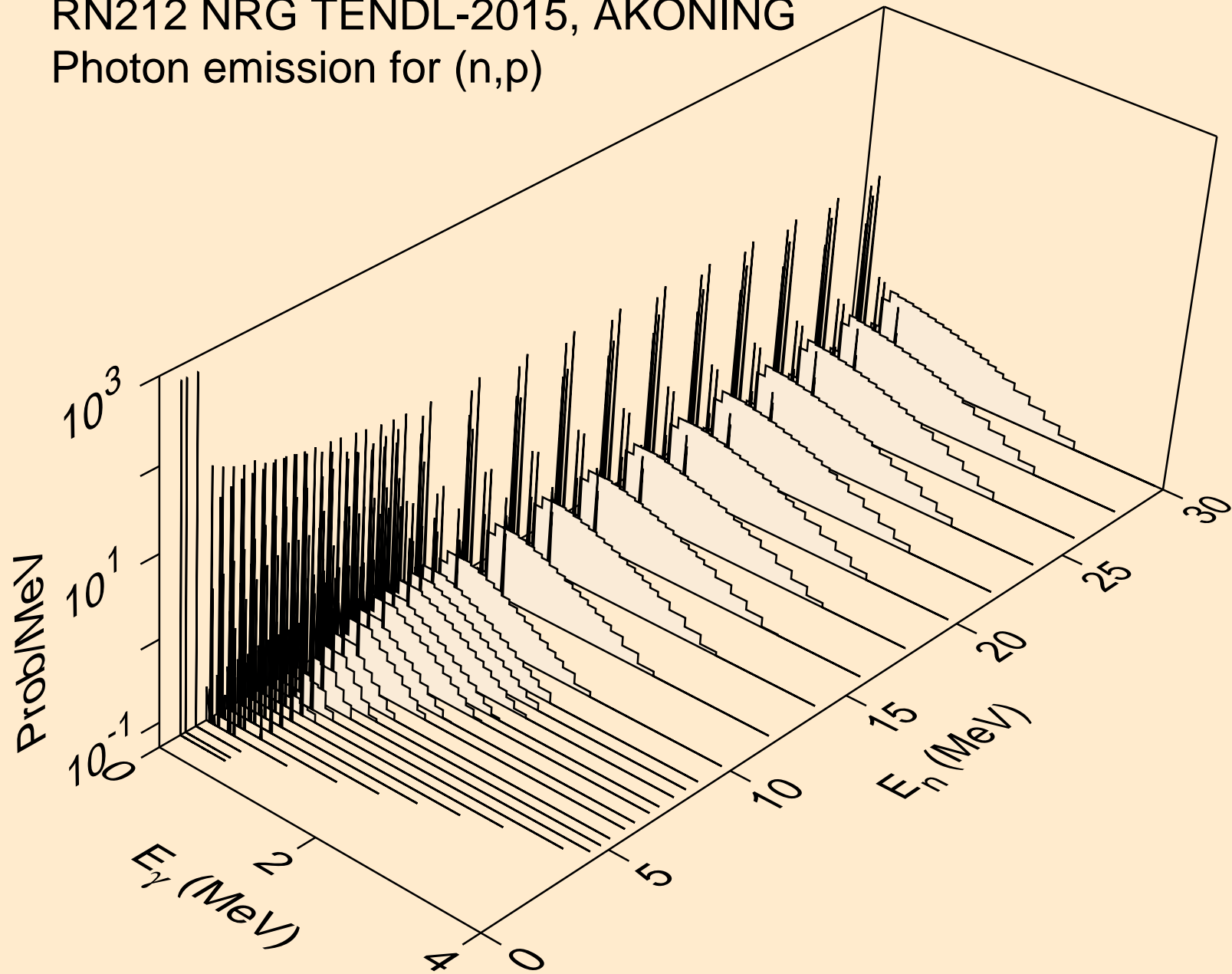
RN212 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



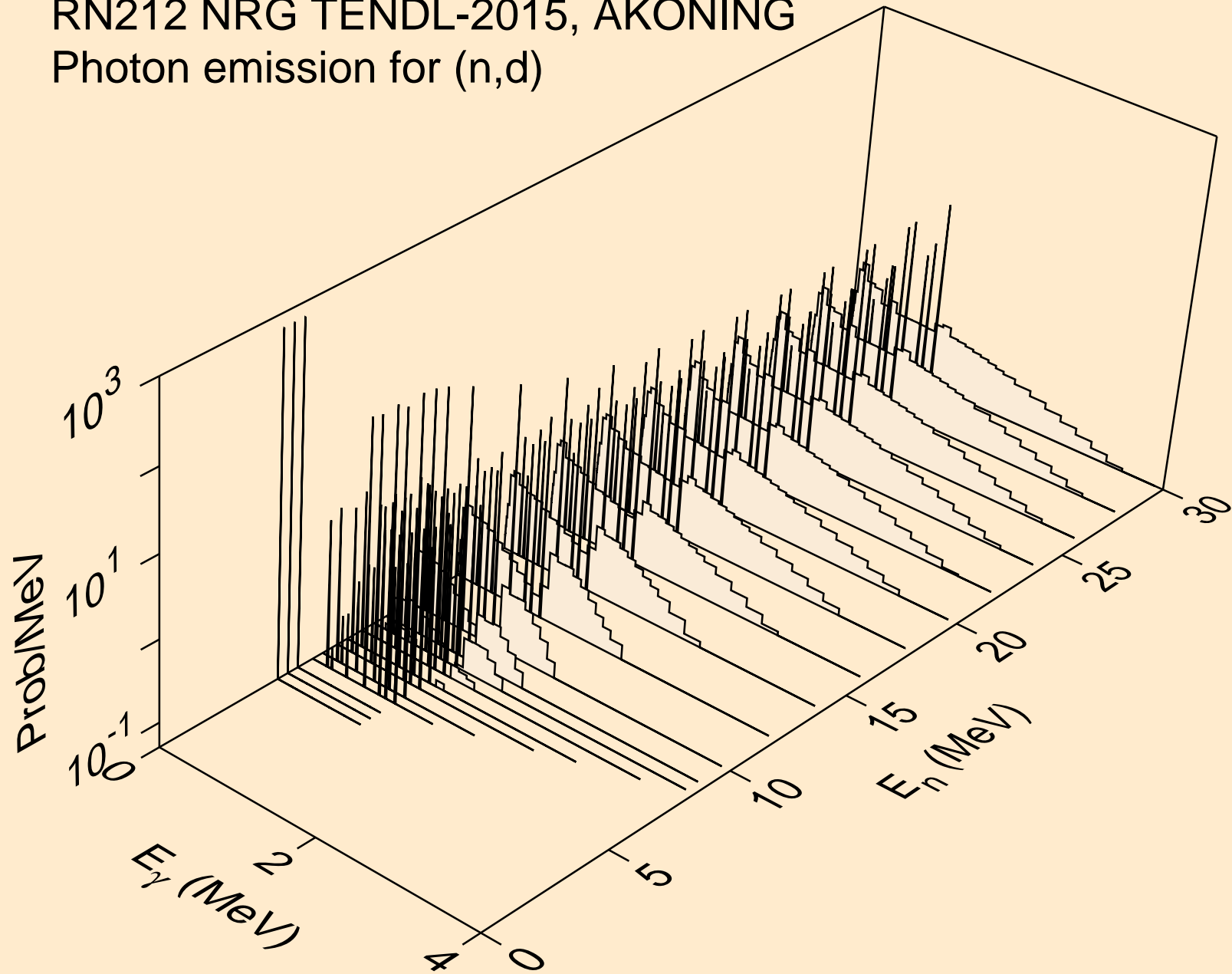
RN212 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



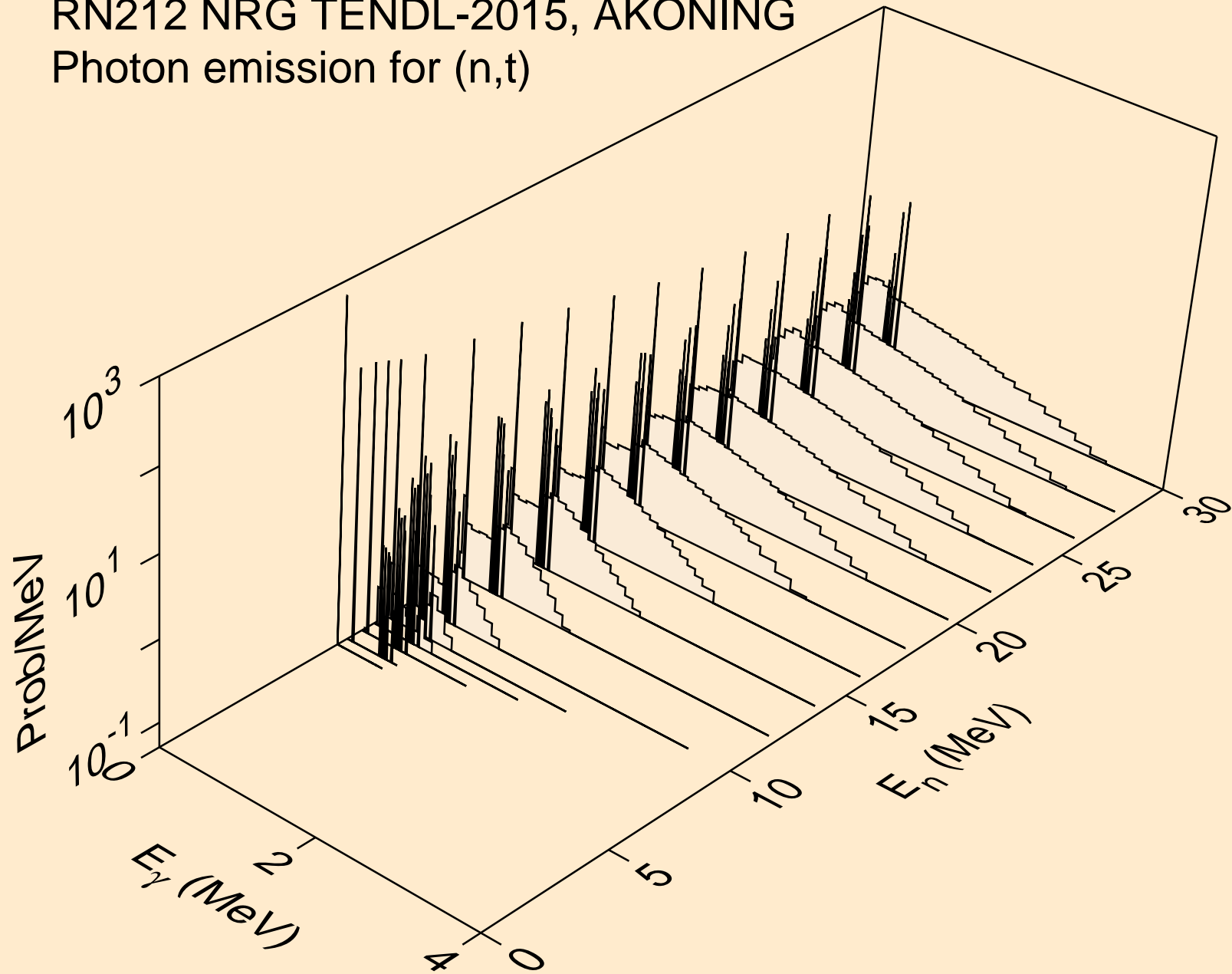
RN212 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



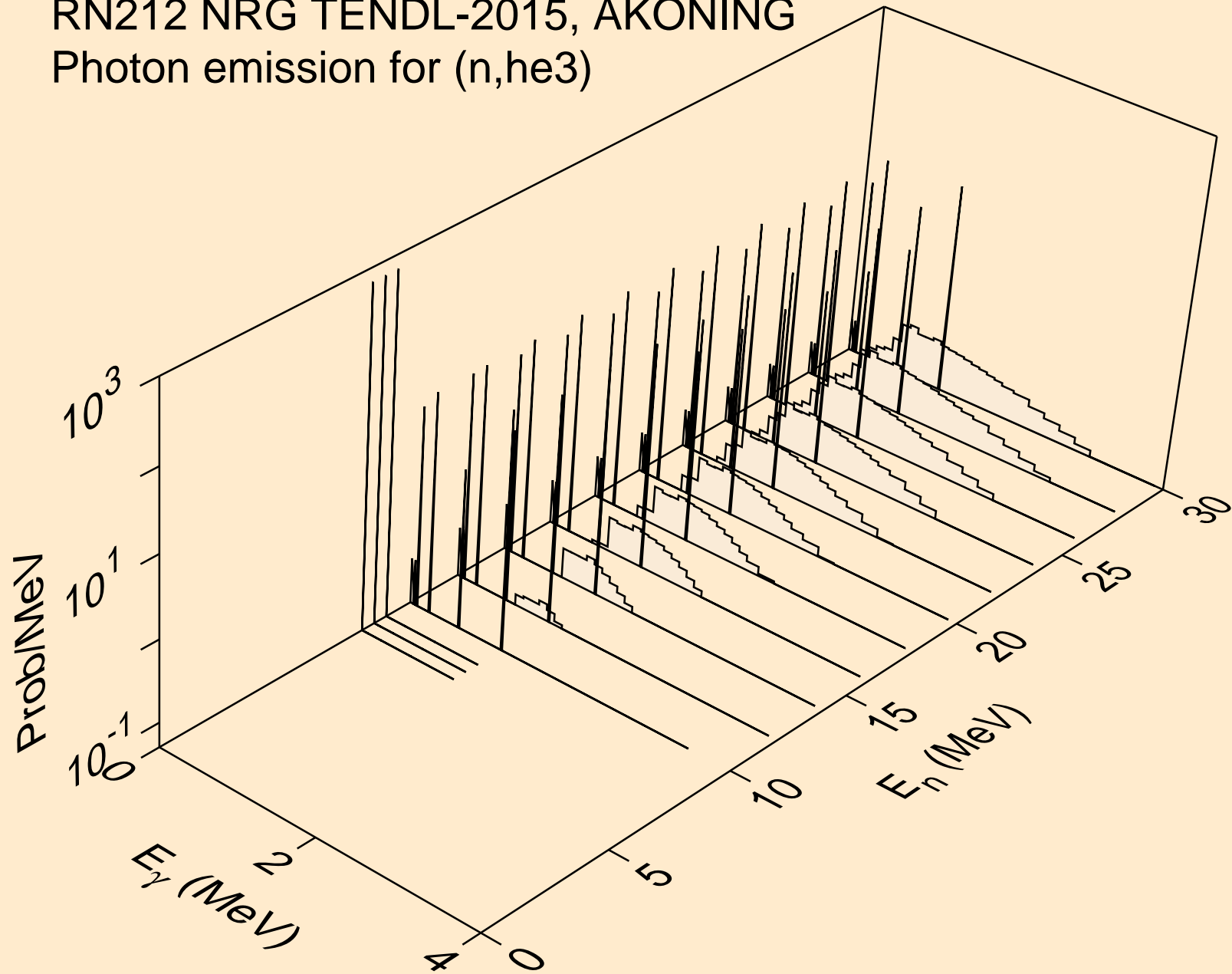
RN212 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



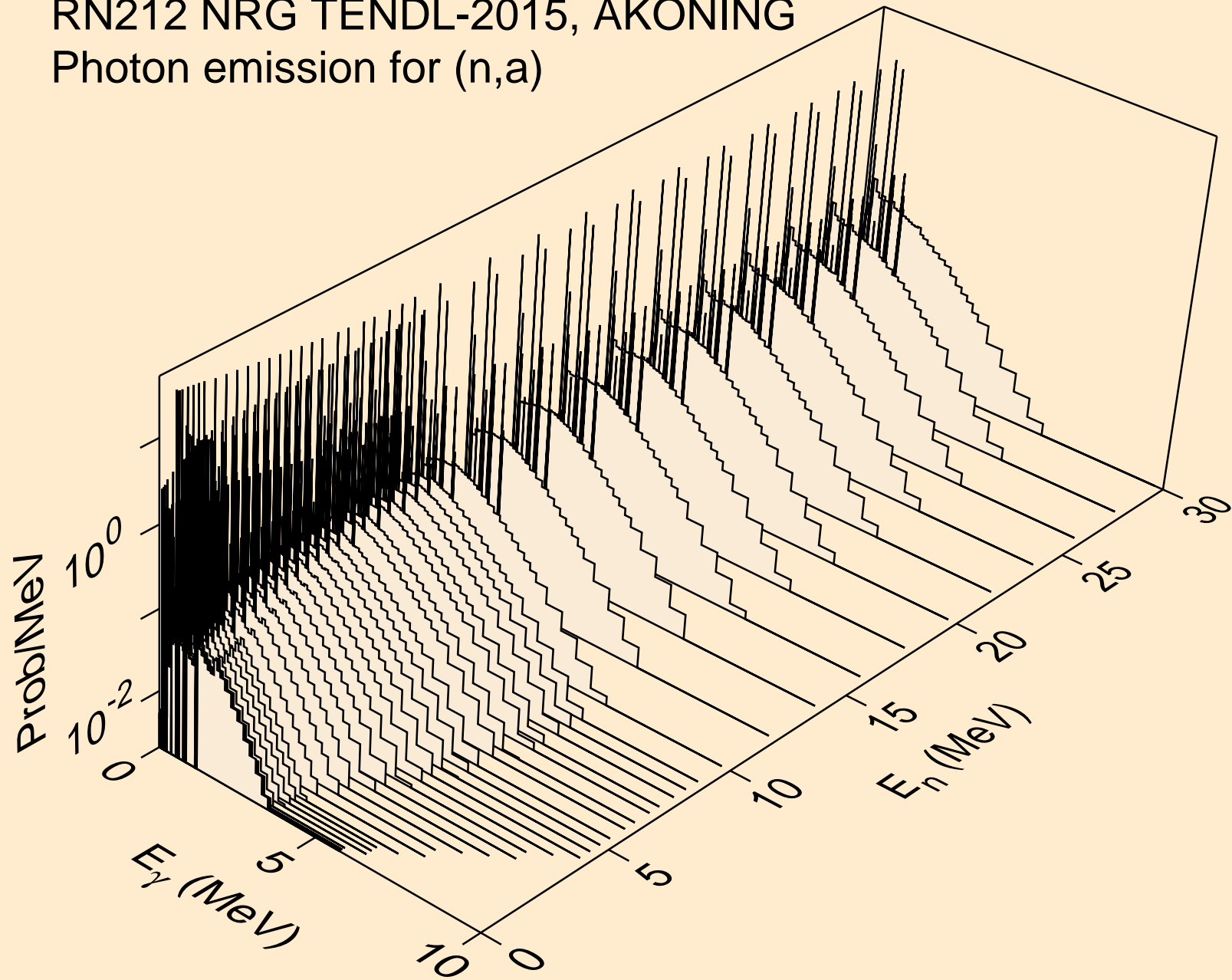
RN212 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



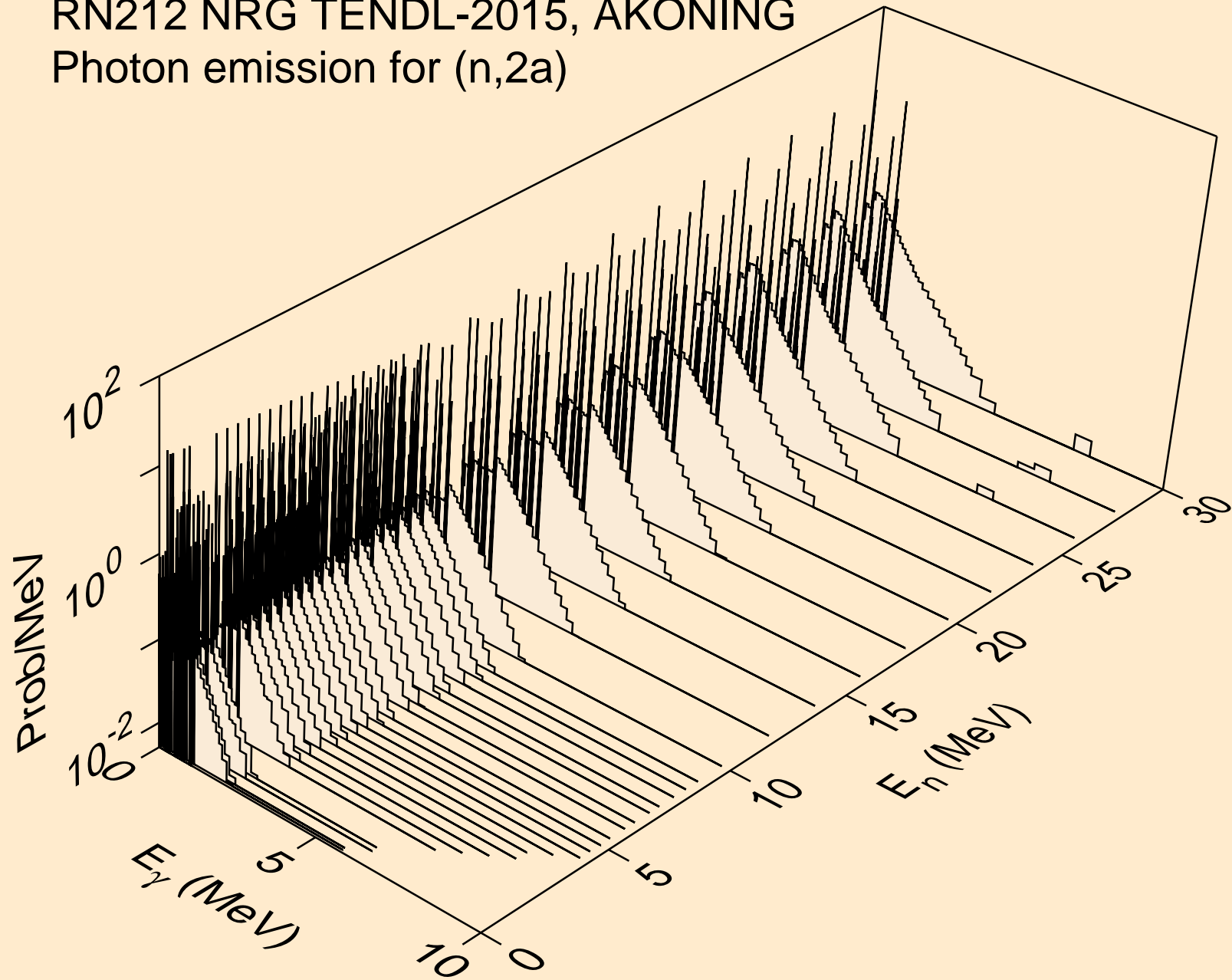
RN212 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



RN212 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

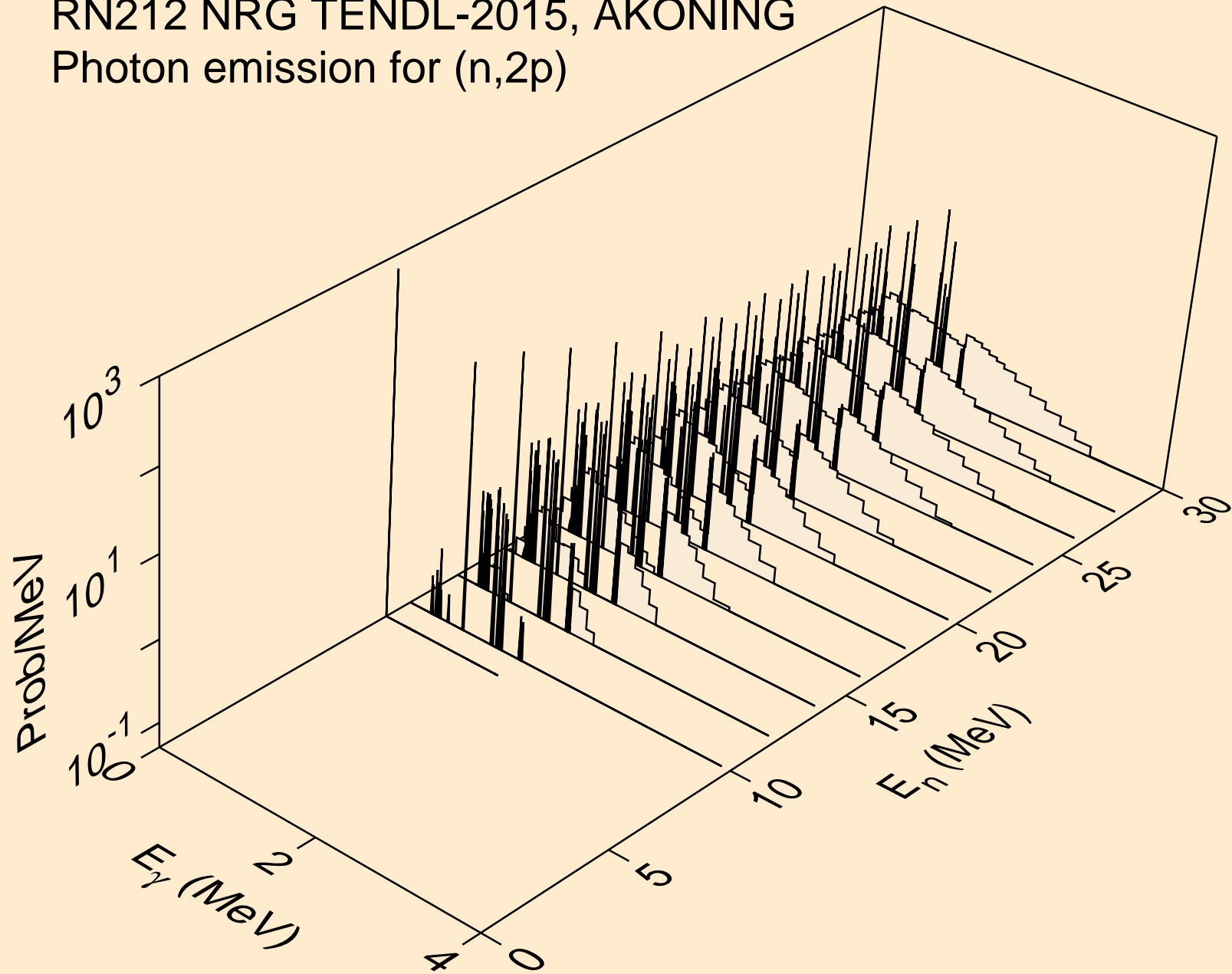


RN212 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

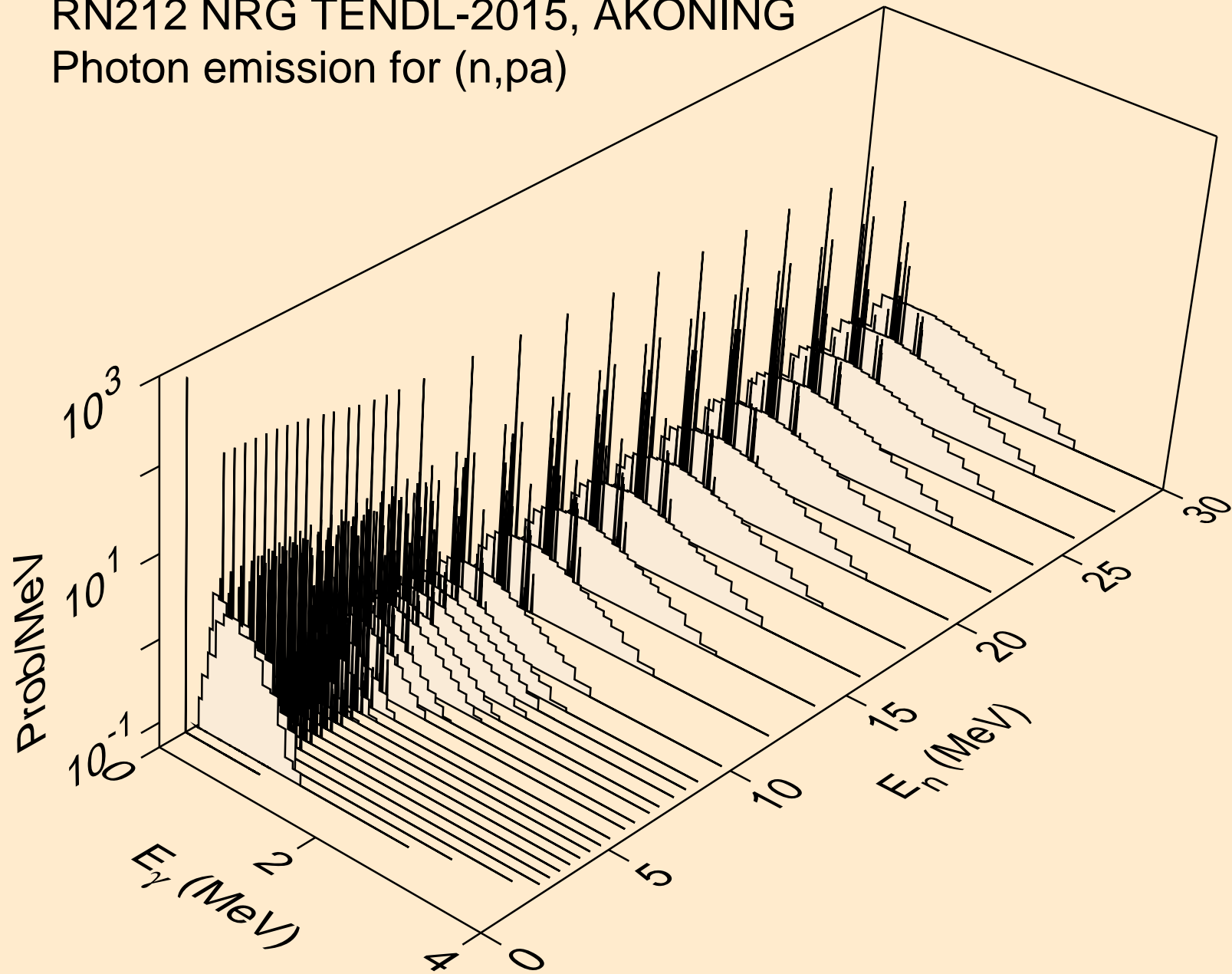




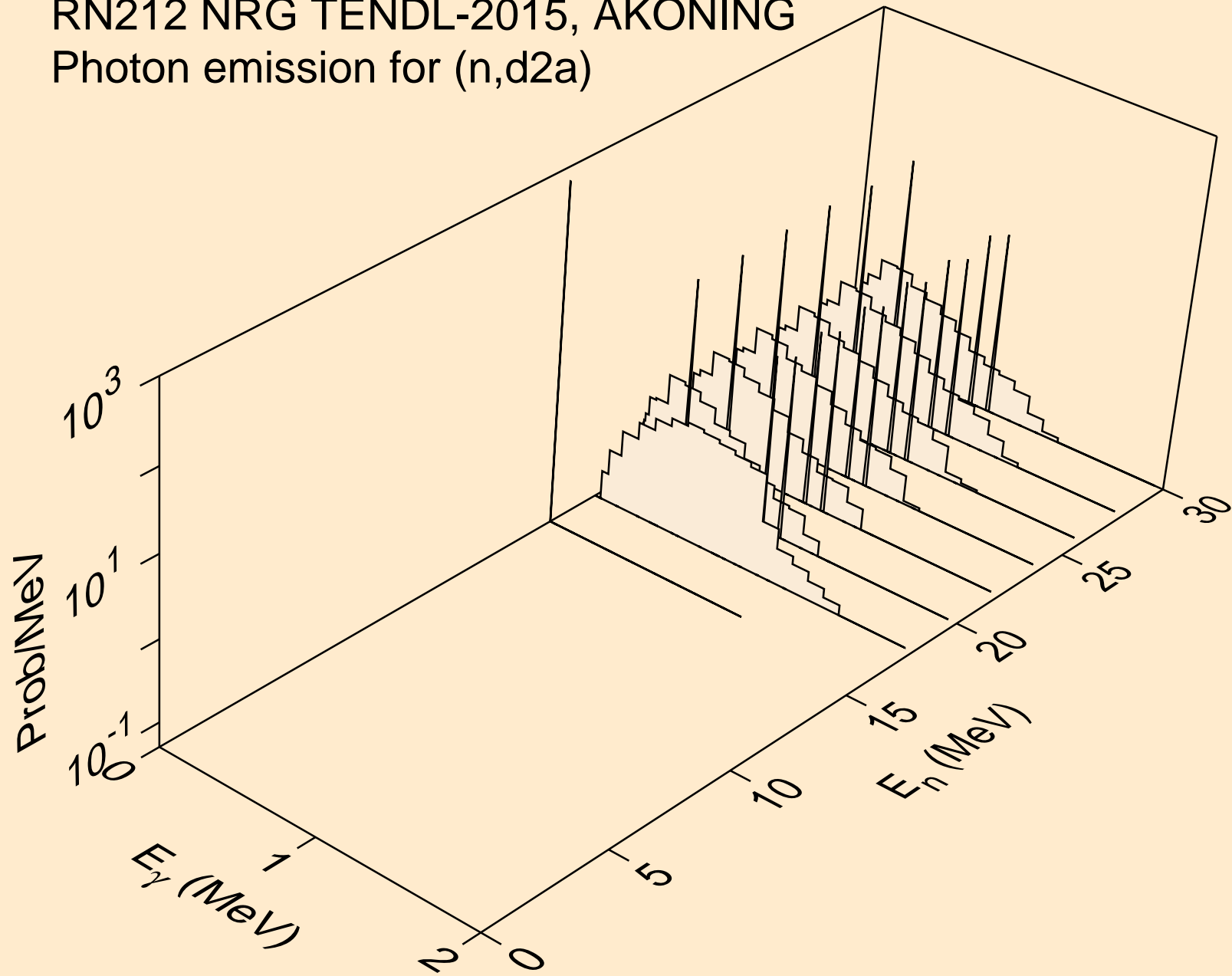
RN212 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



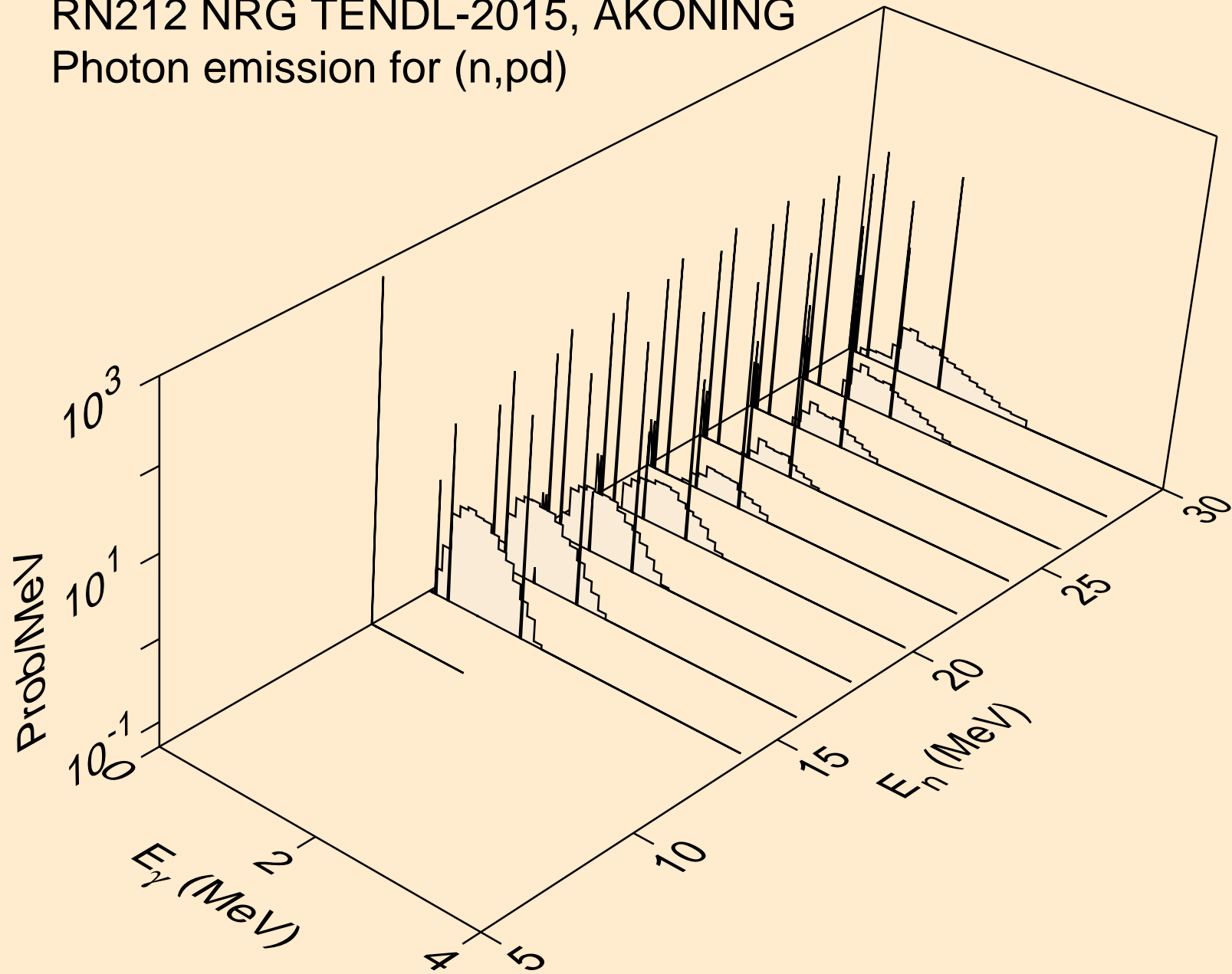
RN212 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



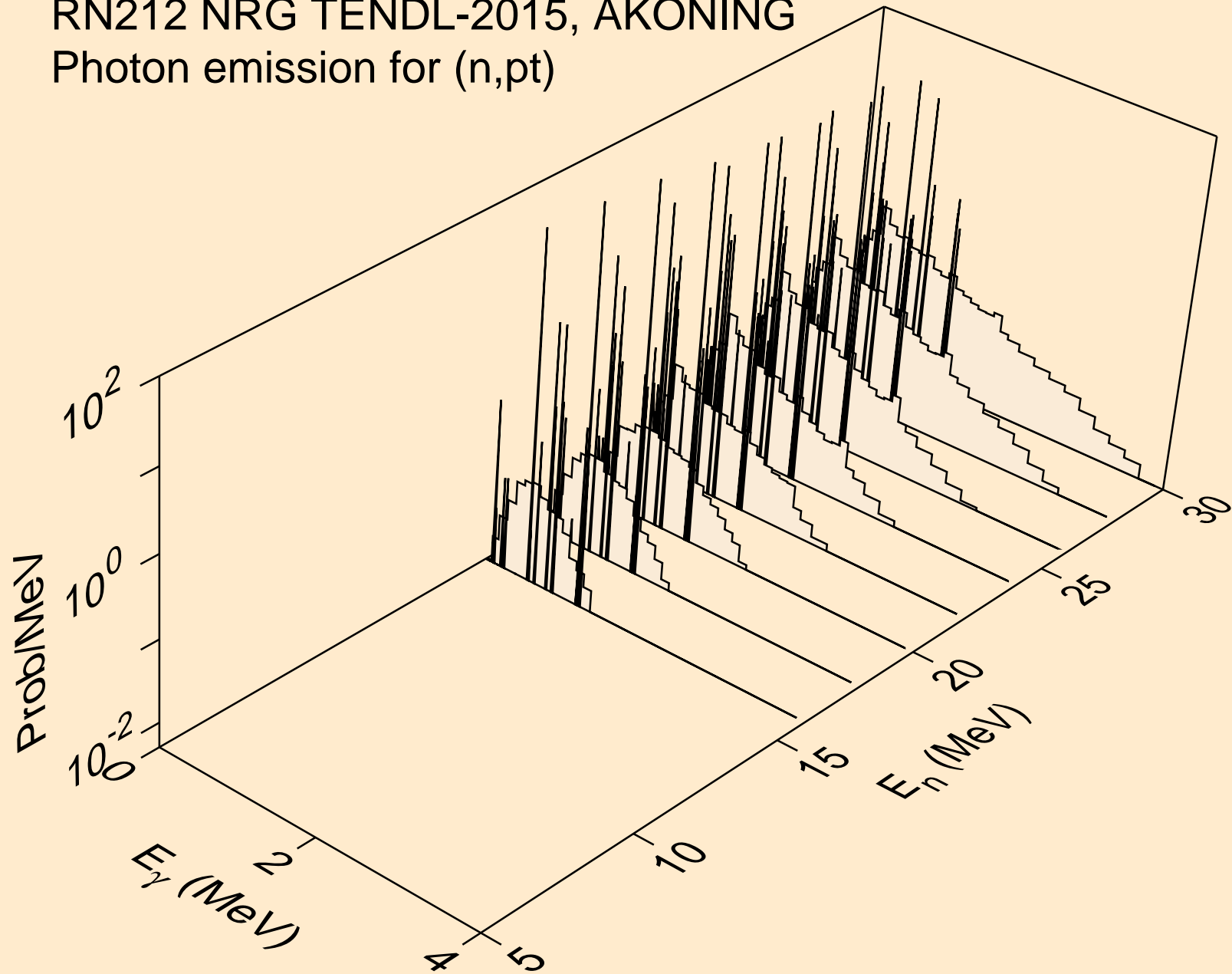
RN212 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)



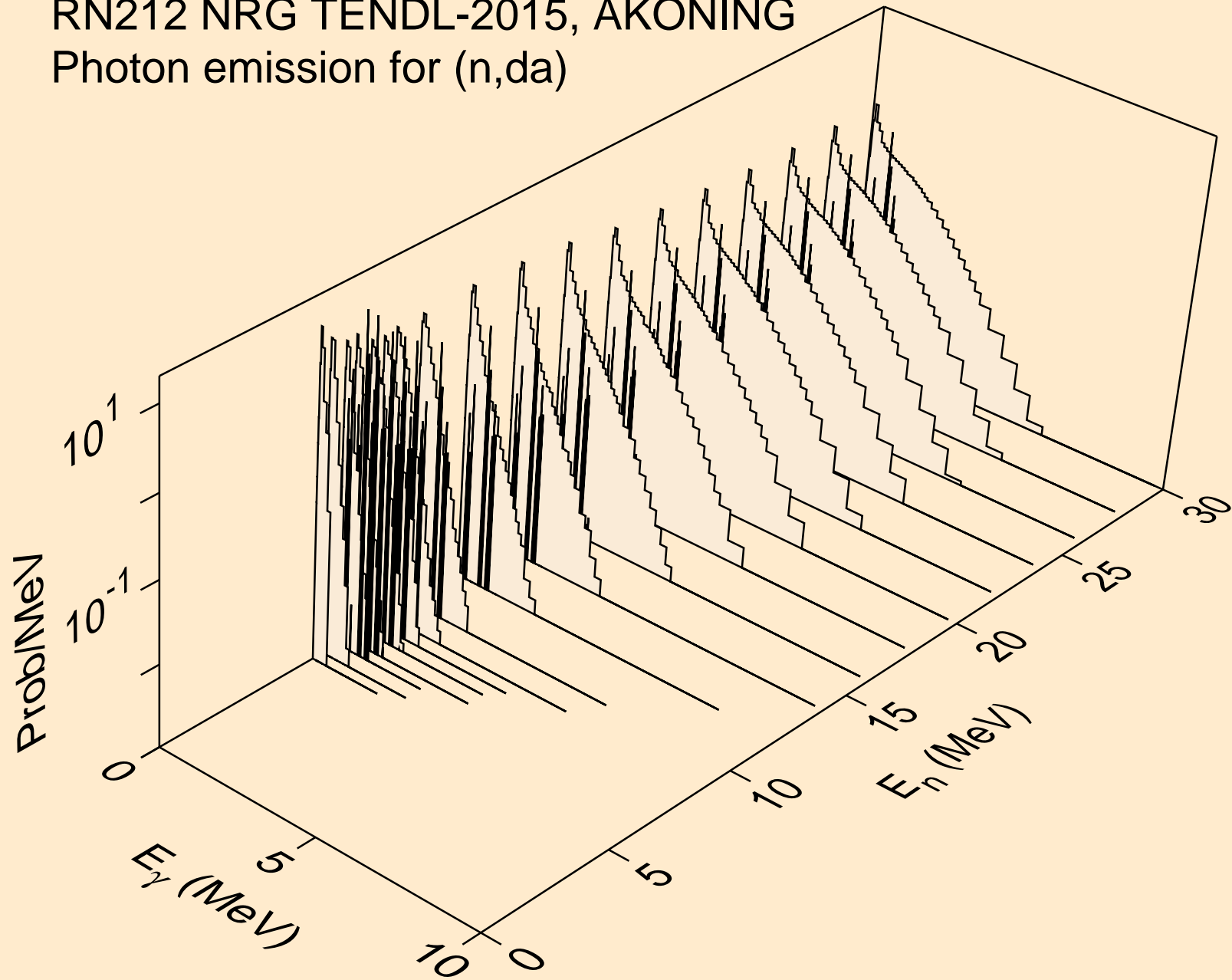
RN212 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



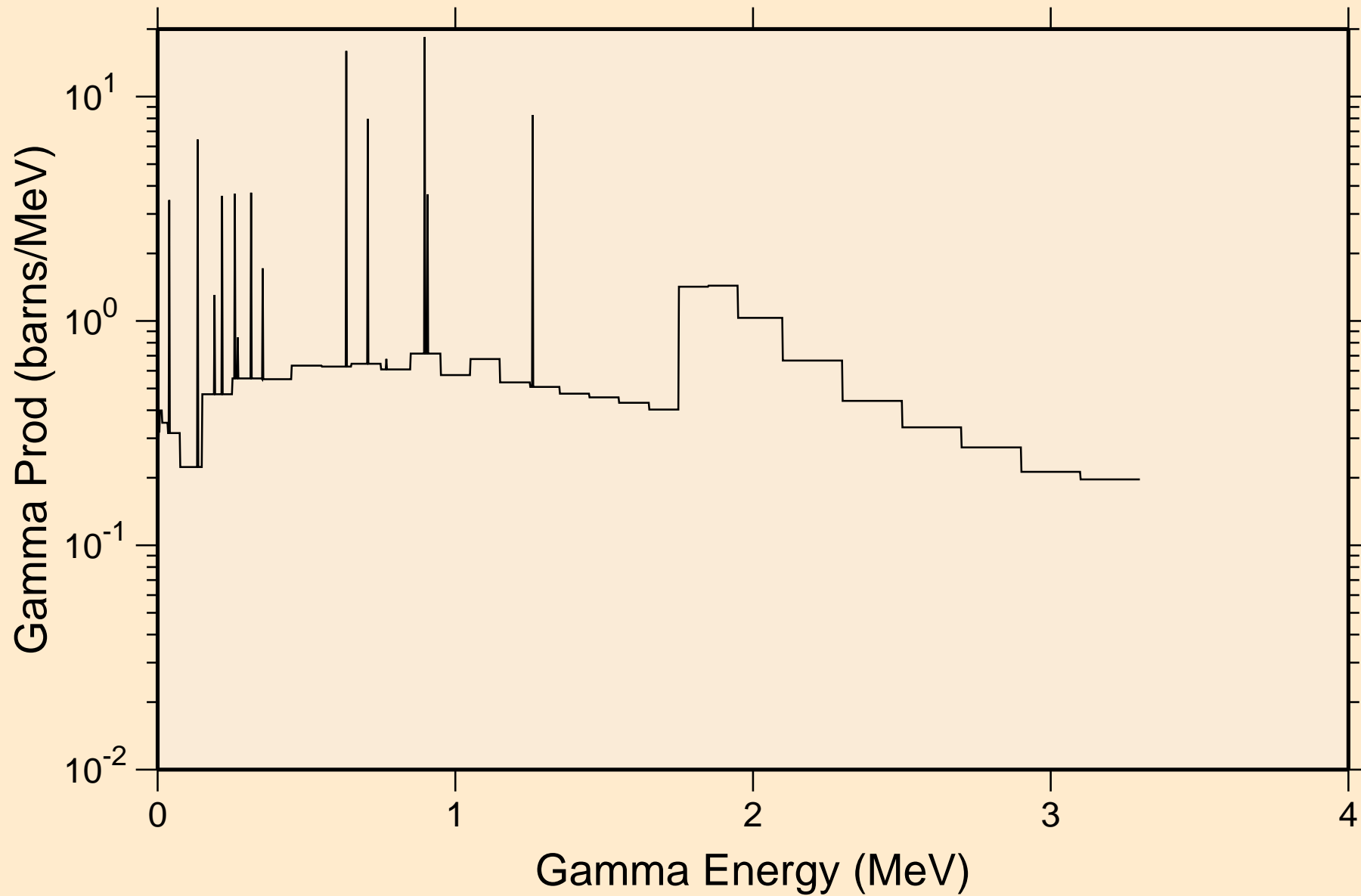
RN212 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



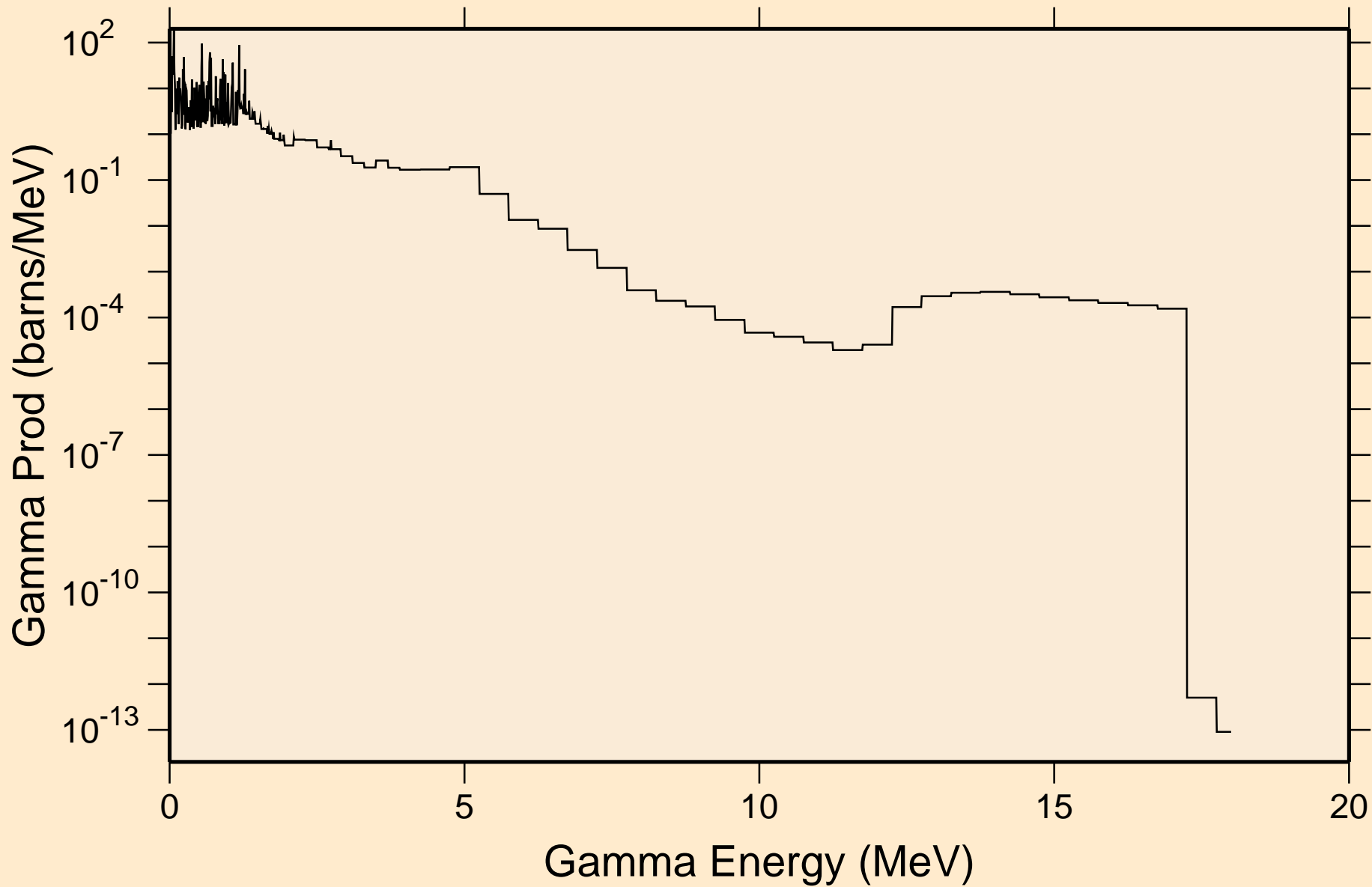
RN212 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



RN212 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



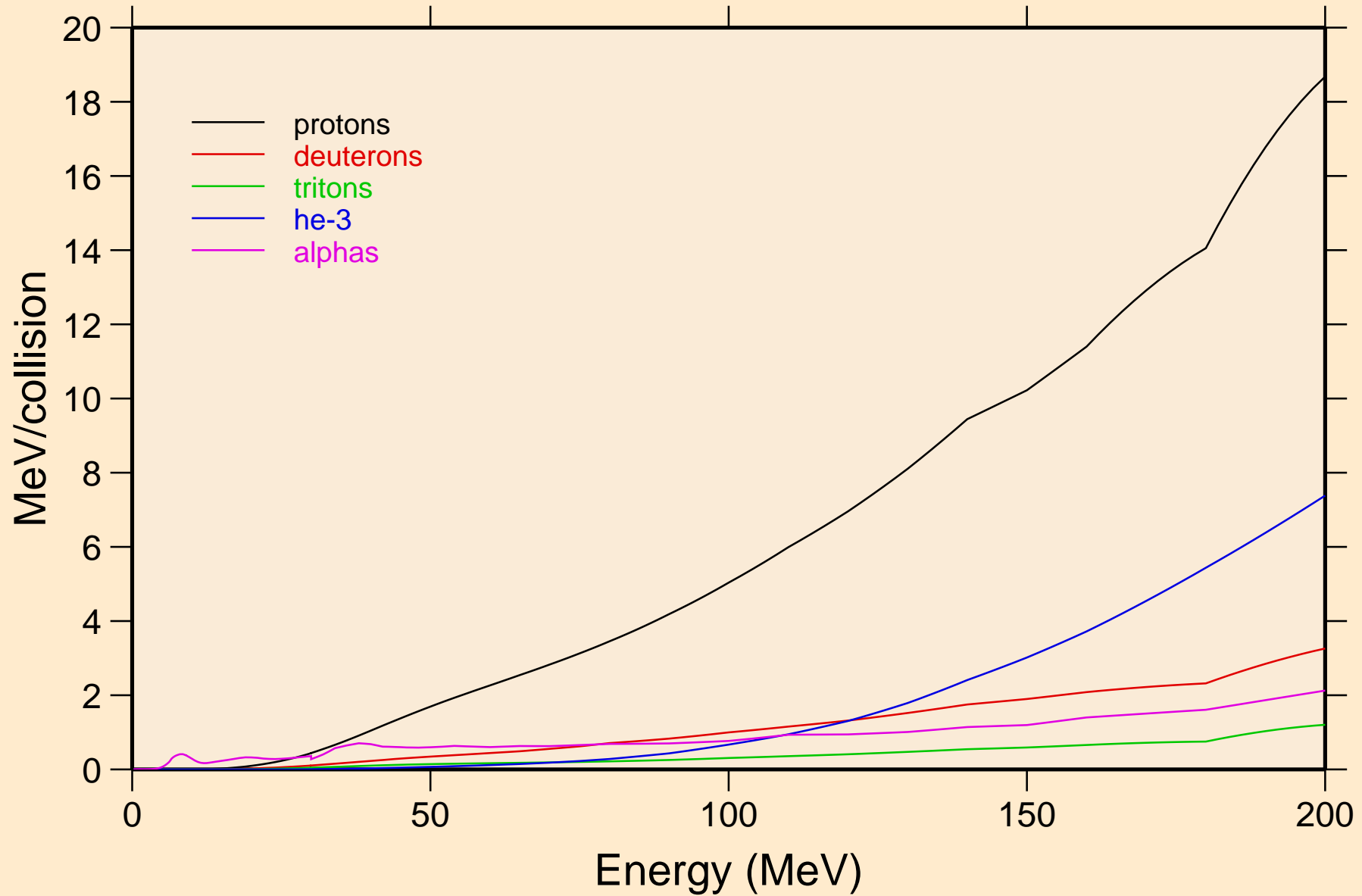
RN212 NRG TENDL-2015, AKONING  
14 MeV photon spectrum





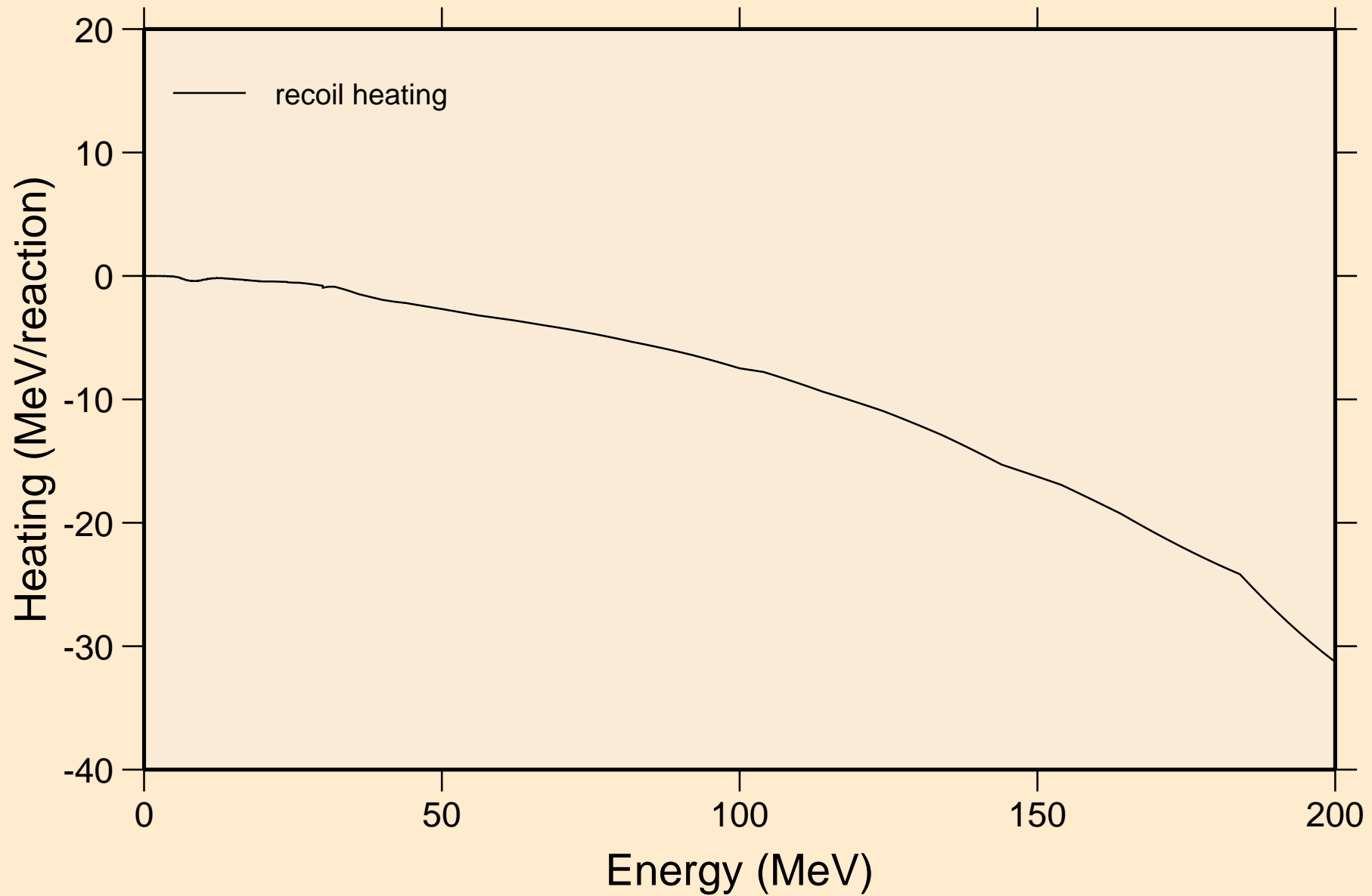
# RN212 NRG TENDL-2015, AKONING

## Particle heating contributions



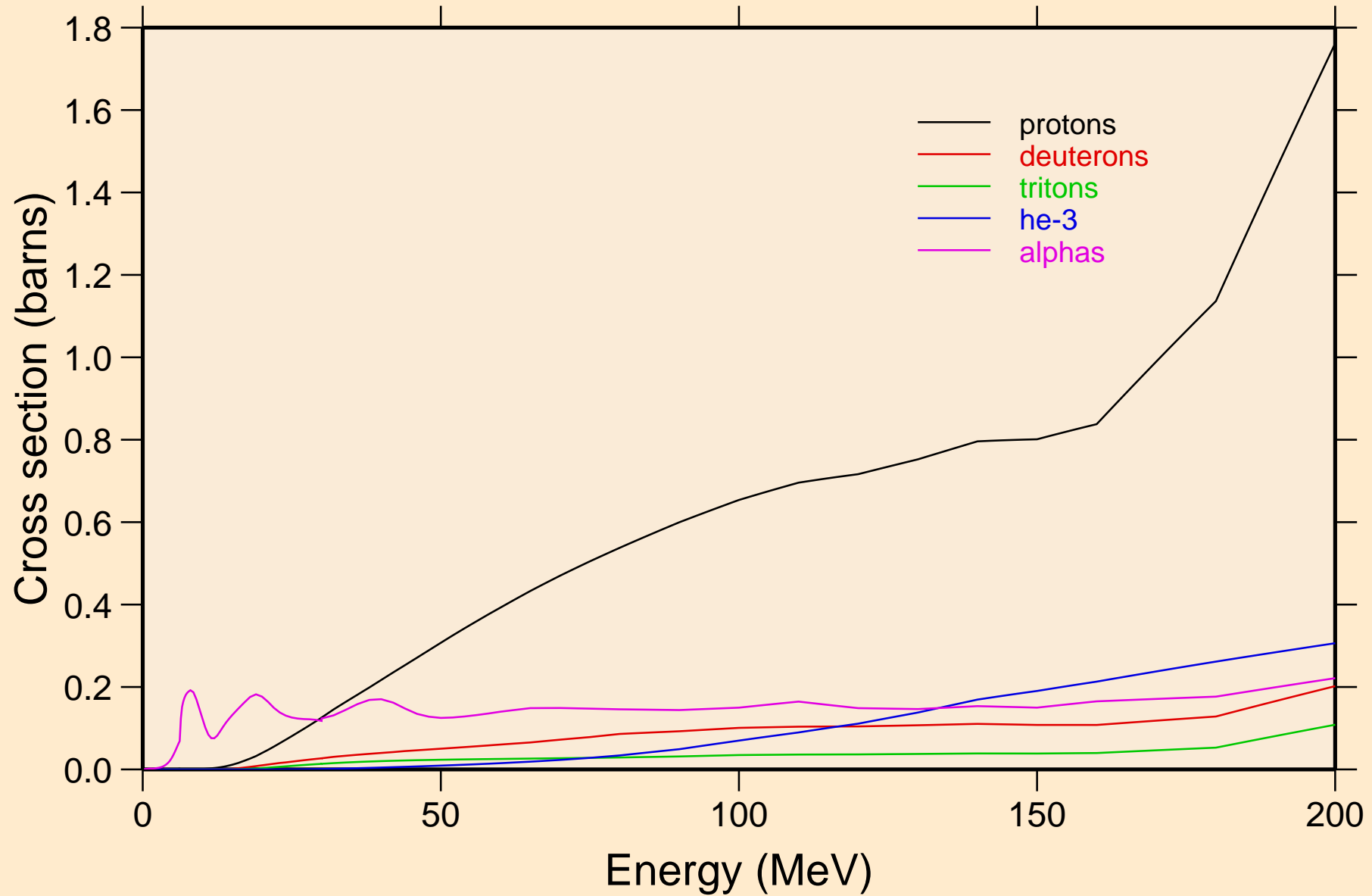
# RN212 NRG TENDL-2015, AKONING

## Recoil Heating

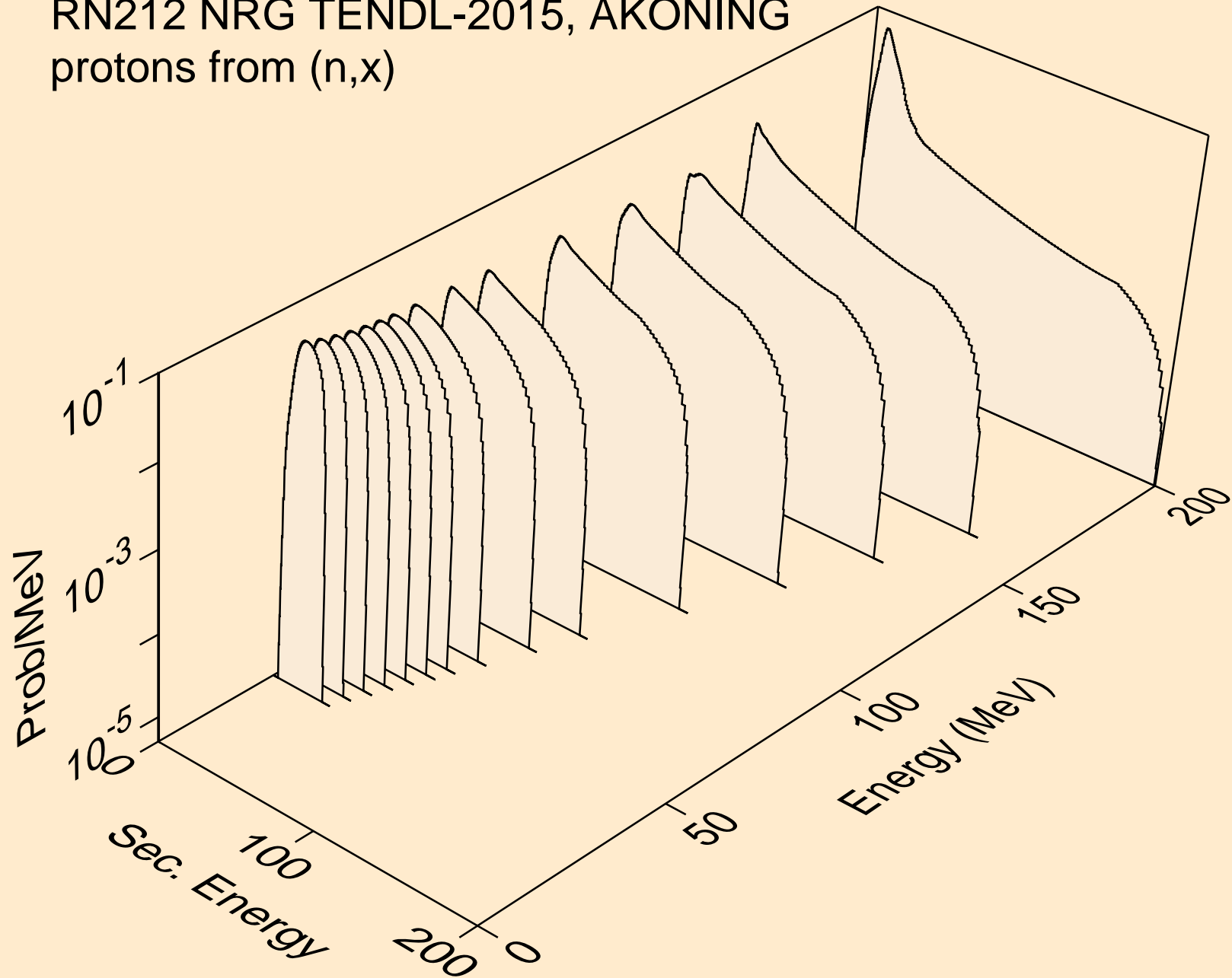


# RN212 NRG TENDL-2015, AKONING

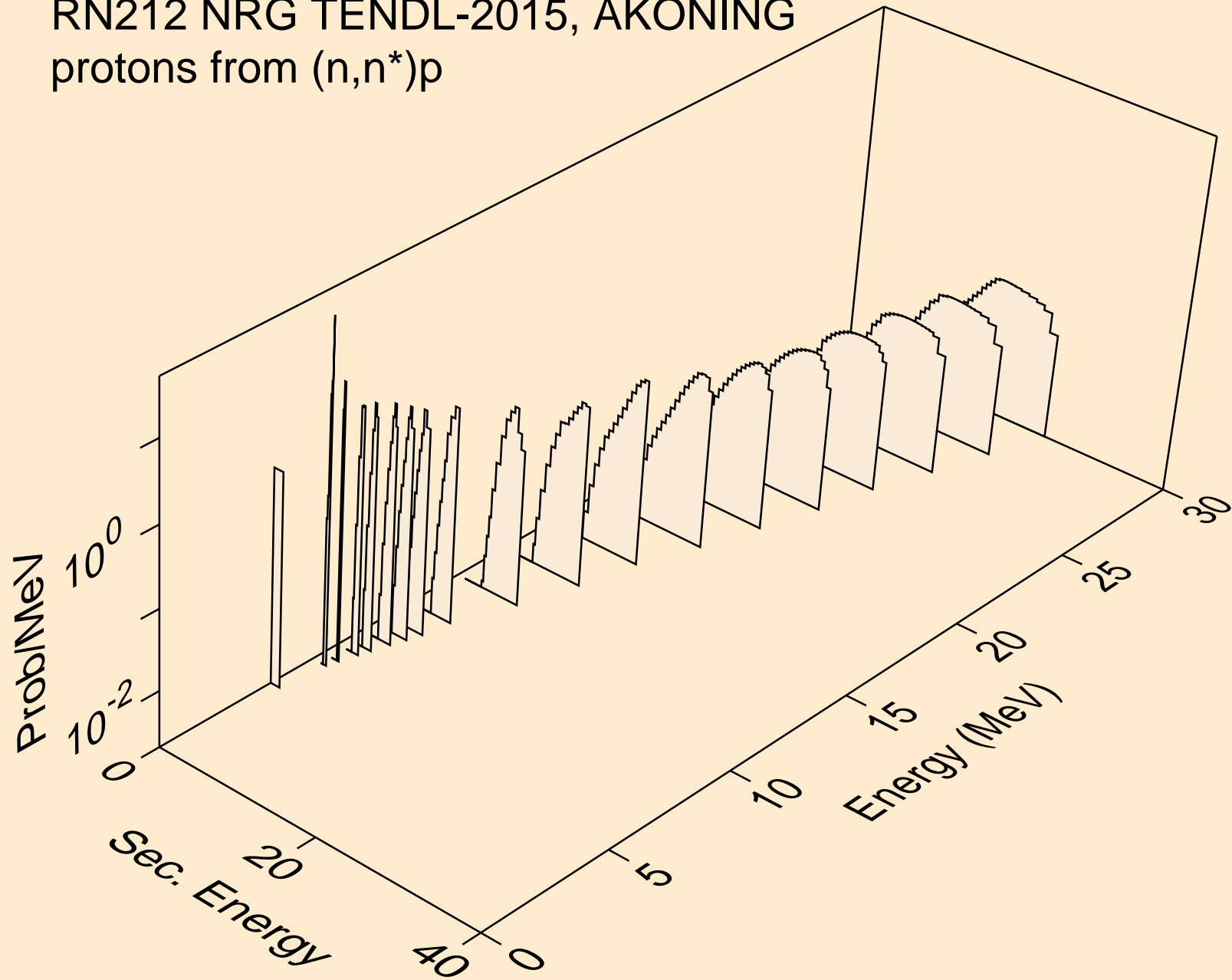
## Particle production cross sections



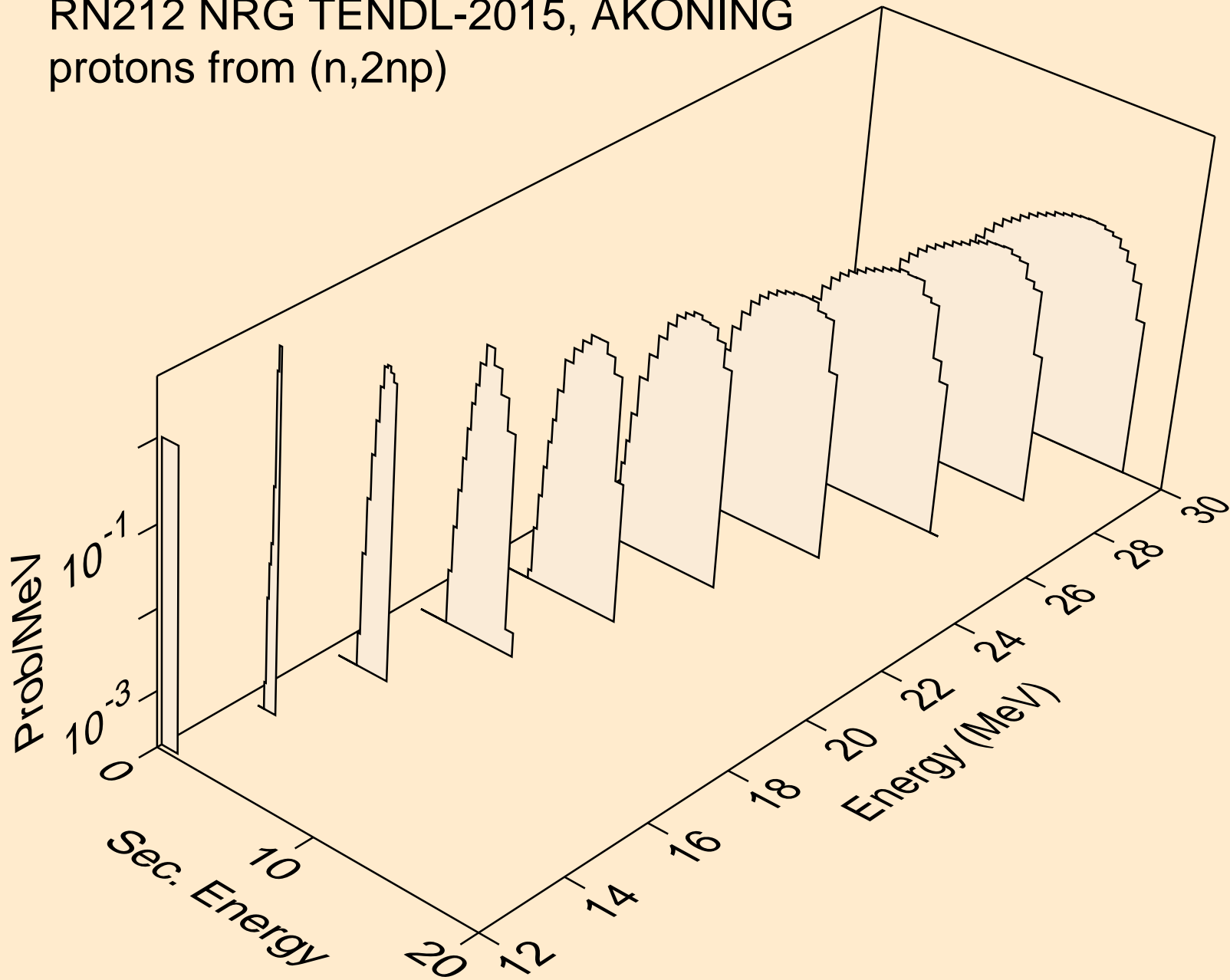
RN212 NRG TENDL-2015, AKONING  
protons from (n,x)



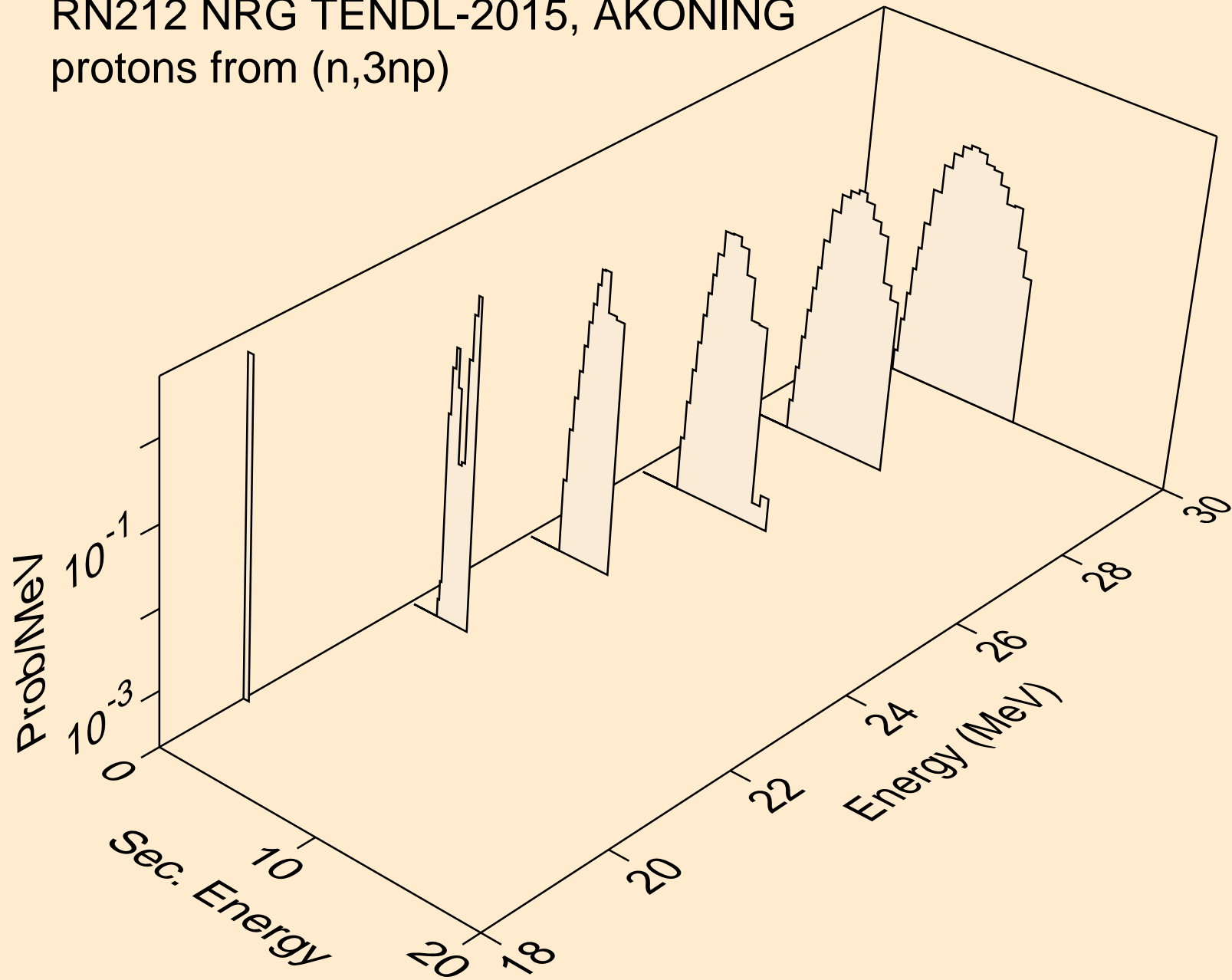
RN212 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



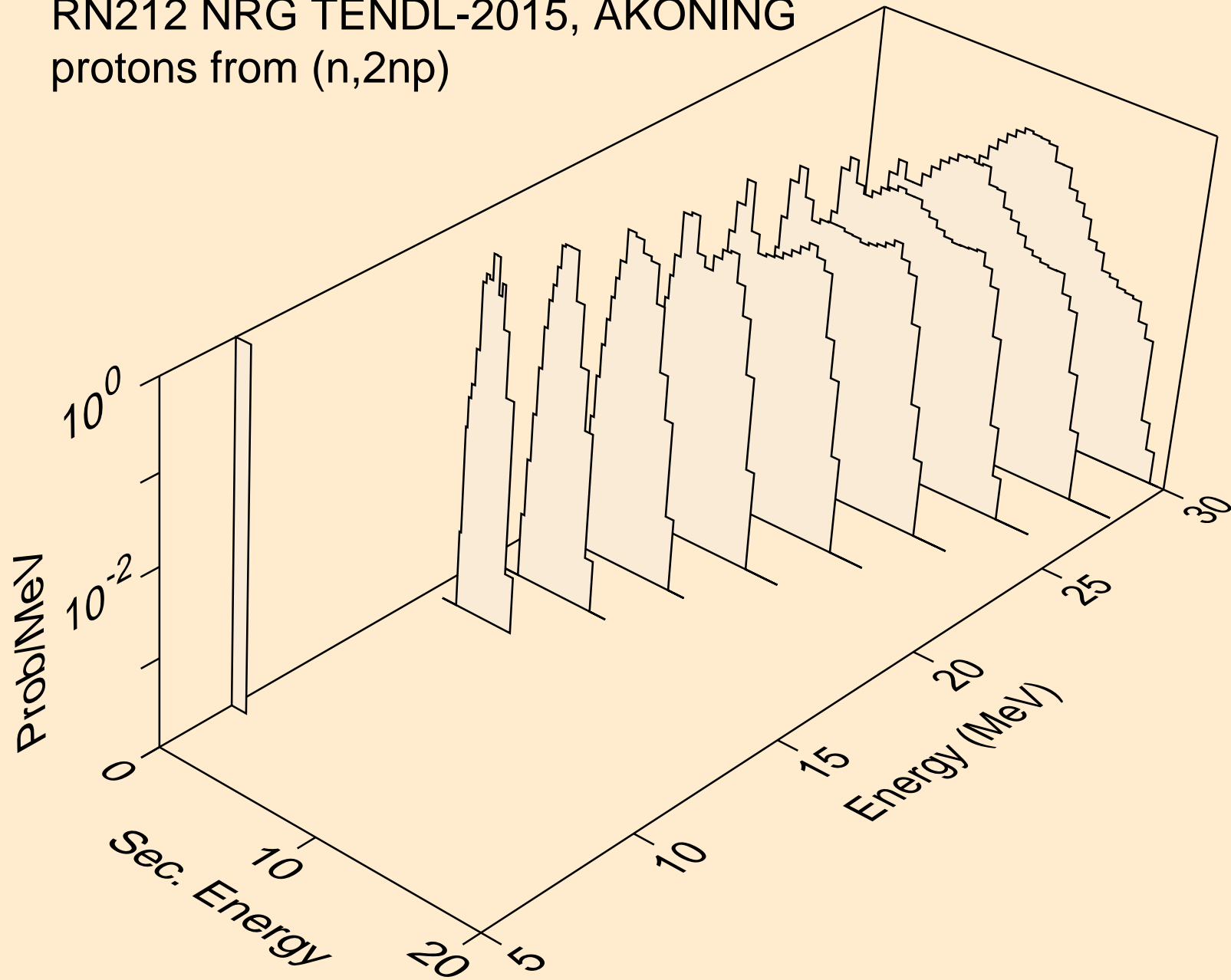
RN212 NRG TENDL-2015, AKONING  
protons from (n,2np)



RN212 NRG TENDL-2015, AKONING  
protons from (n,3np)

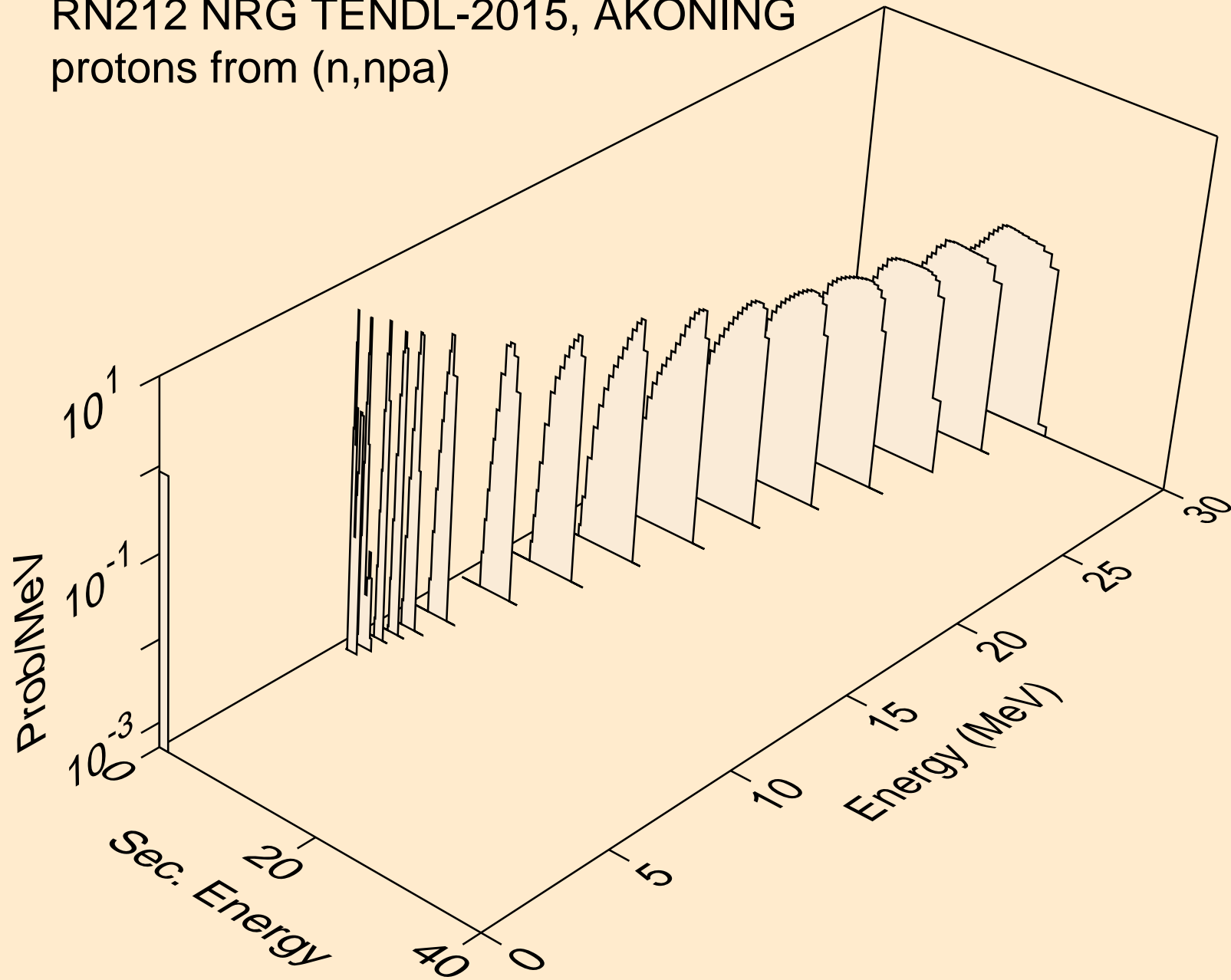


RN212 NRG TENDL-2015, AKONING  
protons from (n,2np)

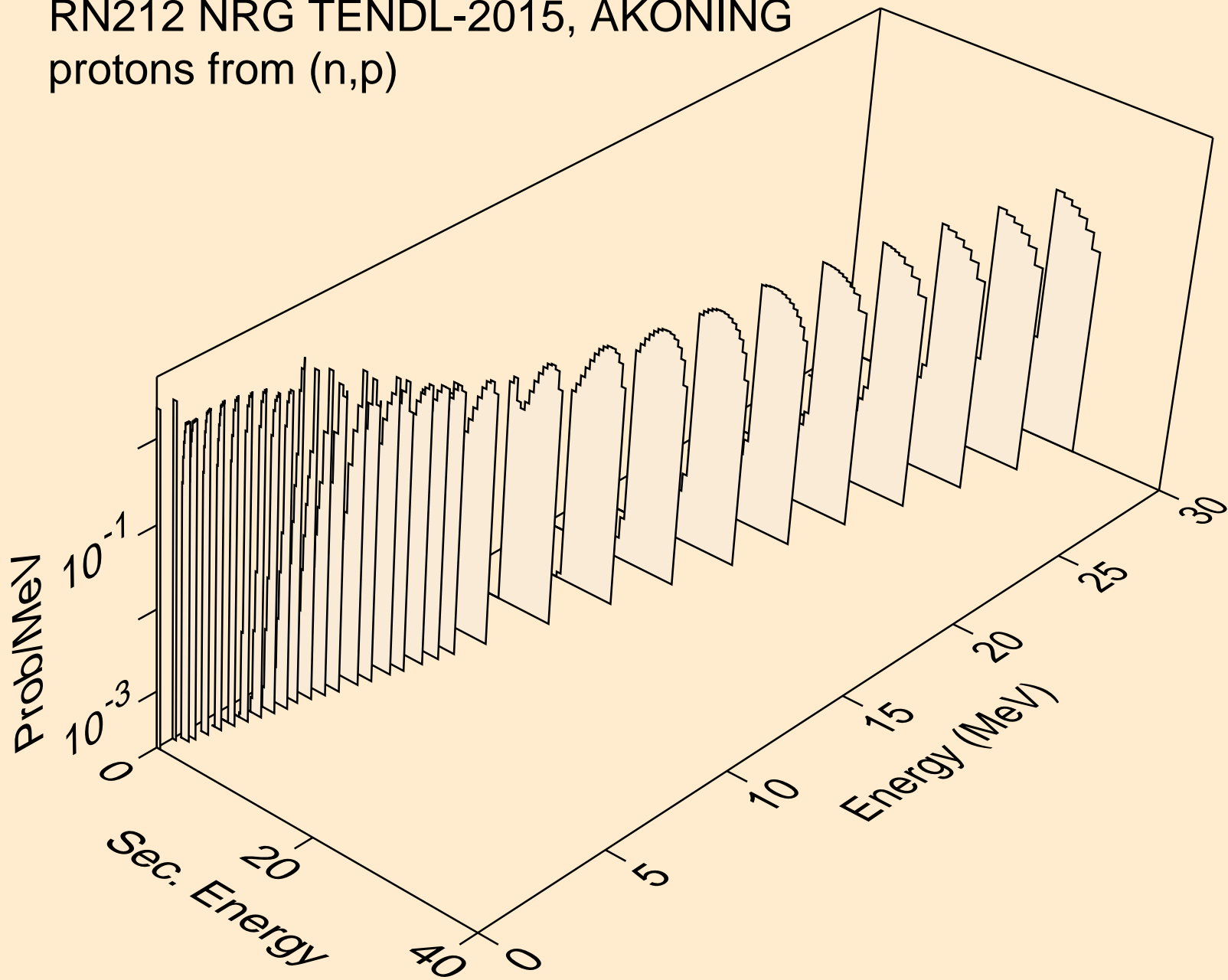




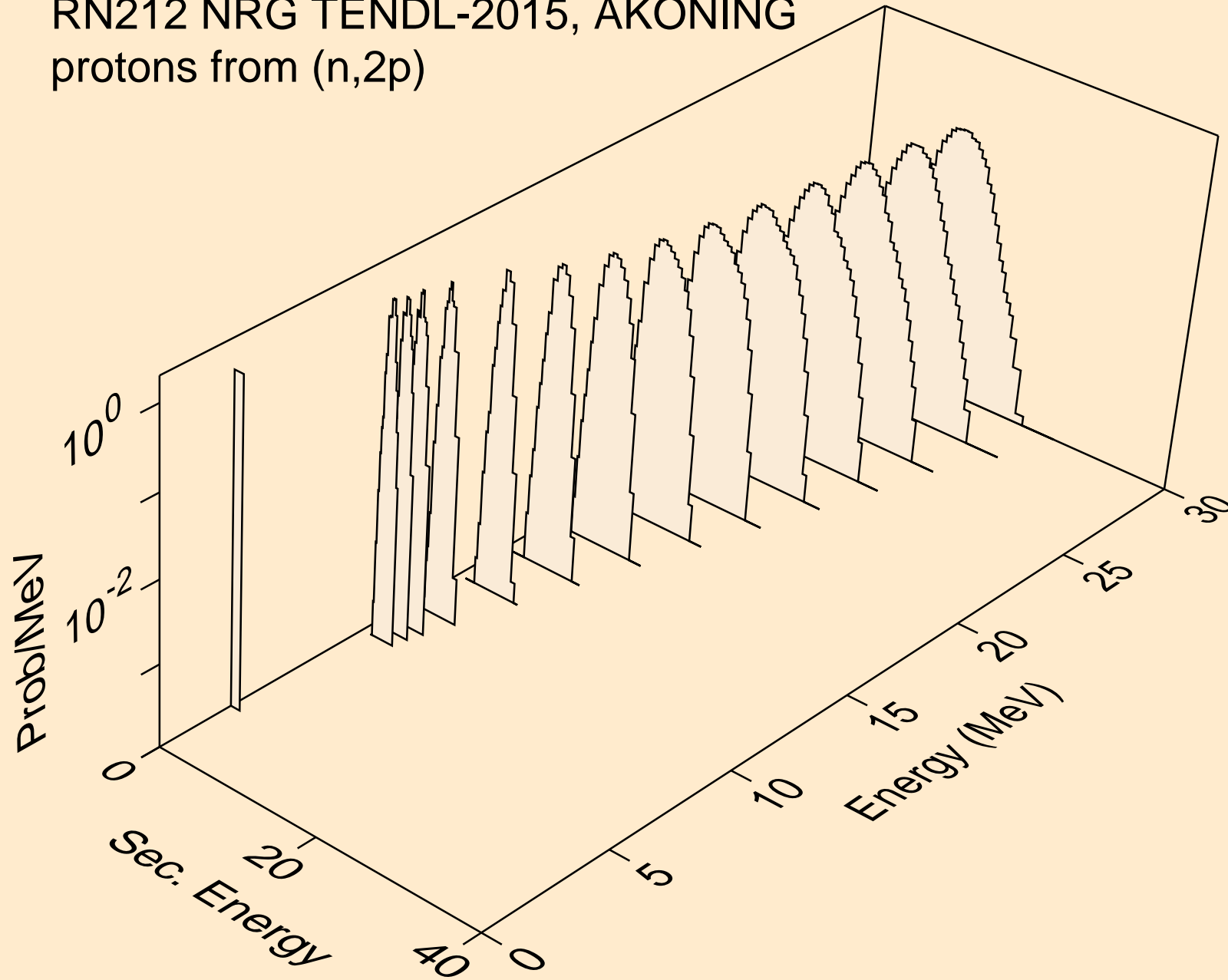
RN212 NRG TENDL-2015, AKONING  
protons from (n,npa)



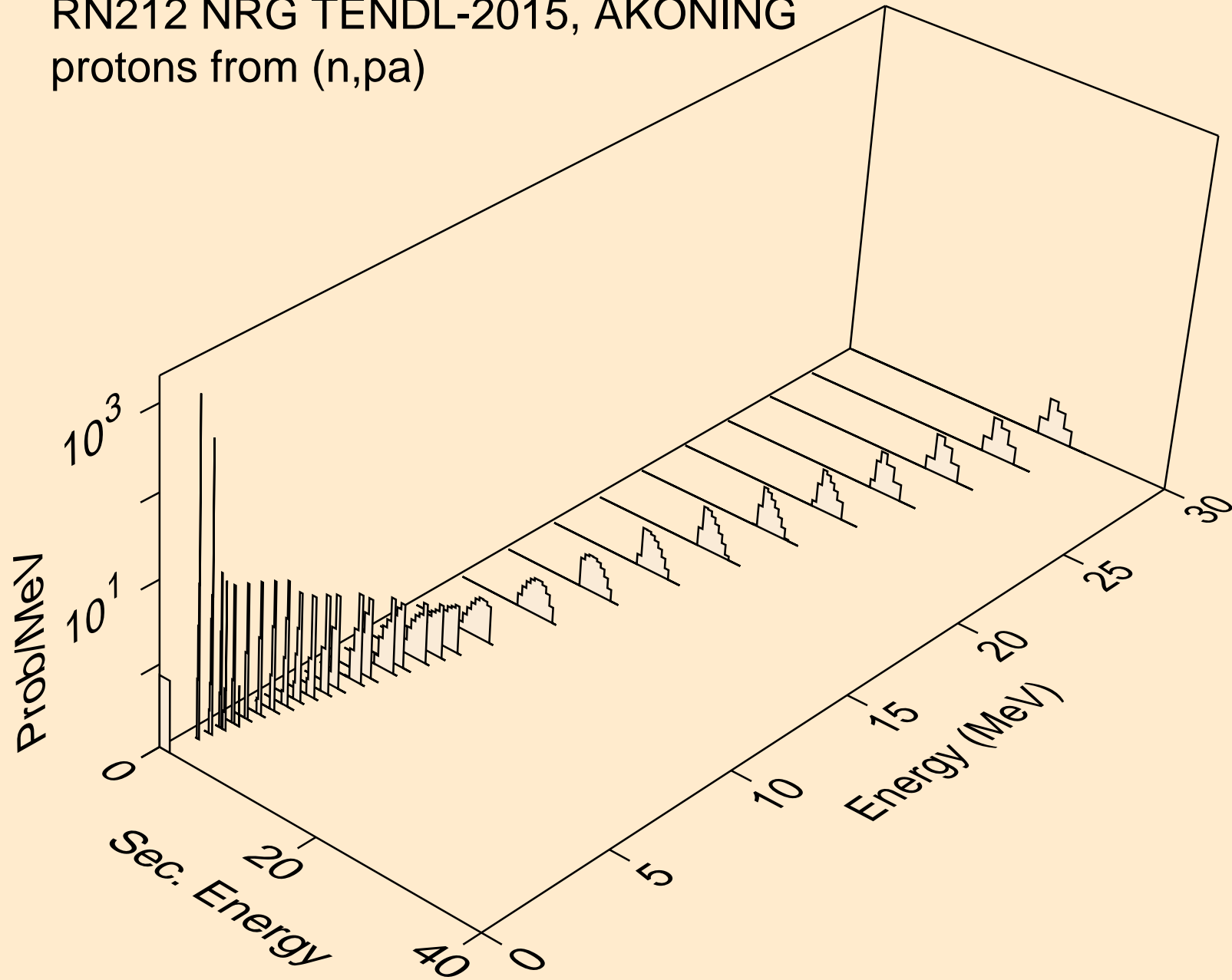
RN212 NRG TENDL-2015, AKONING  
protons from (n,p)



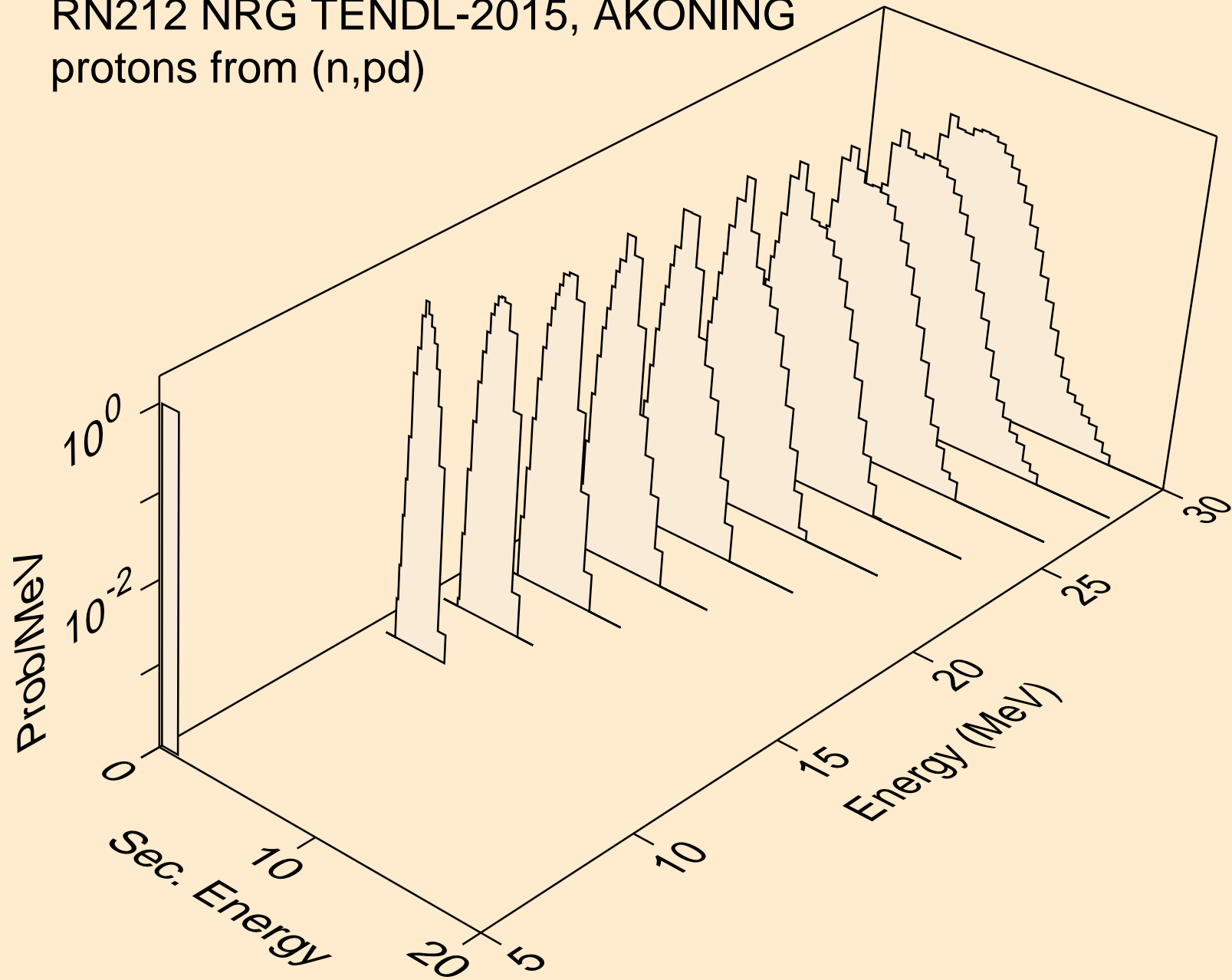
RN212 NRG TENDL-2015, AKONING  
protons from (n,2p)



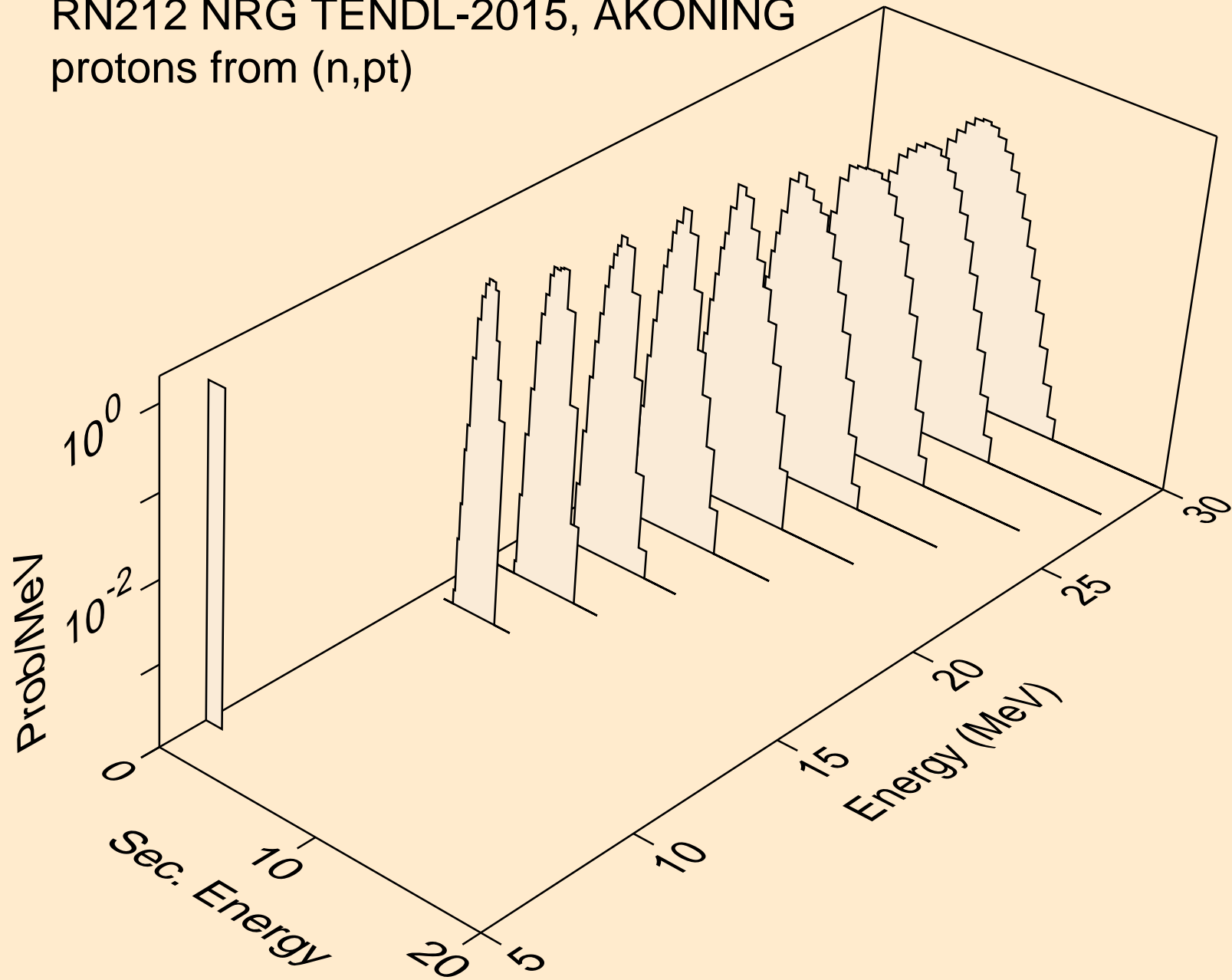
RN212 NRG TENDL-2015, AKONING  
protons from (n,pa)



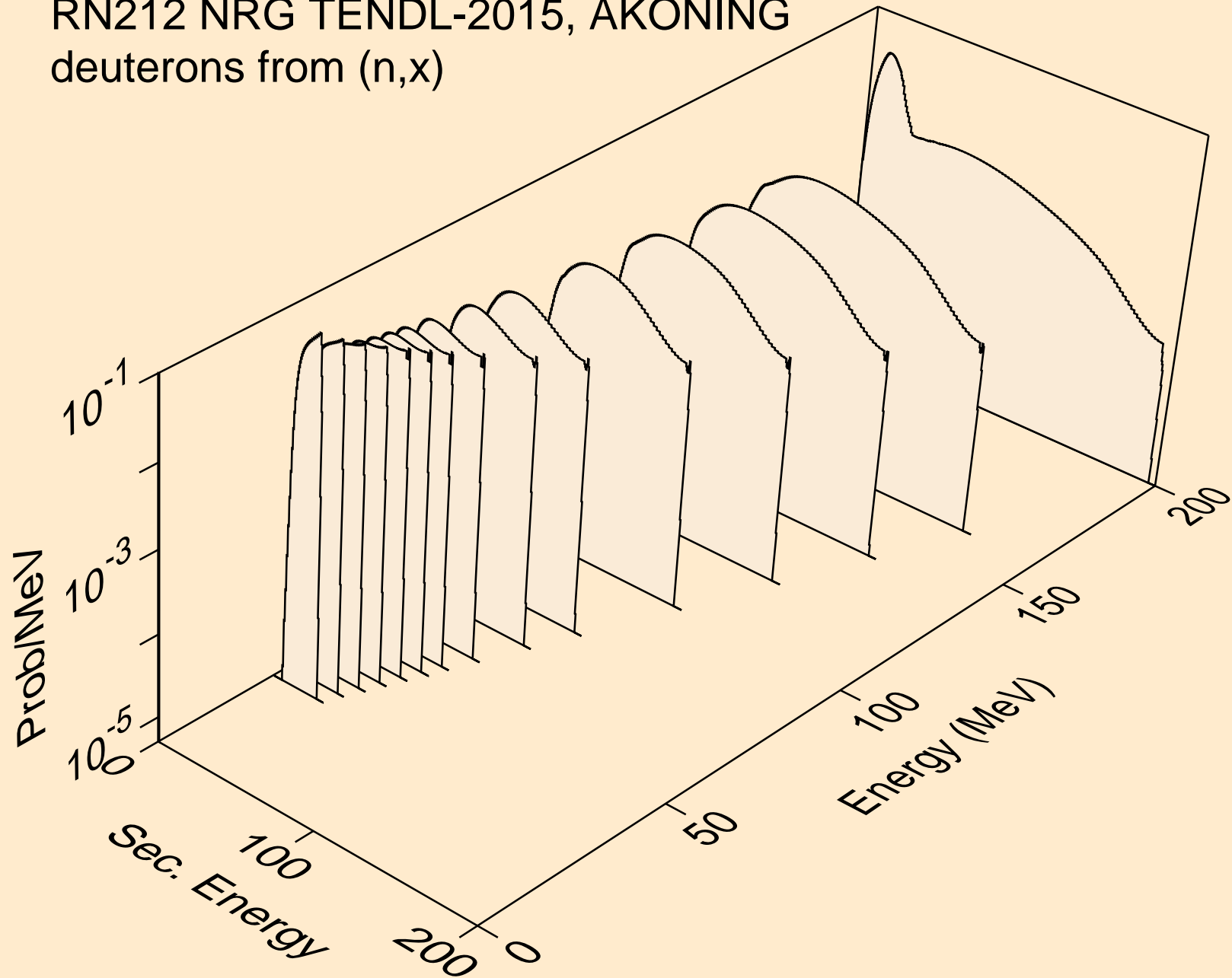
RN212 NRG TENDL-2015, AKONING  
protons from (n,pd)



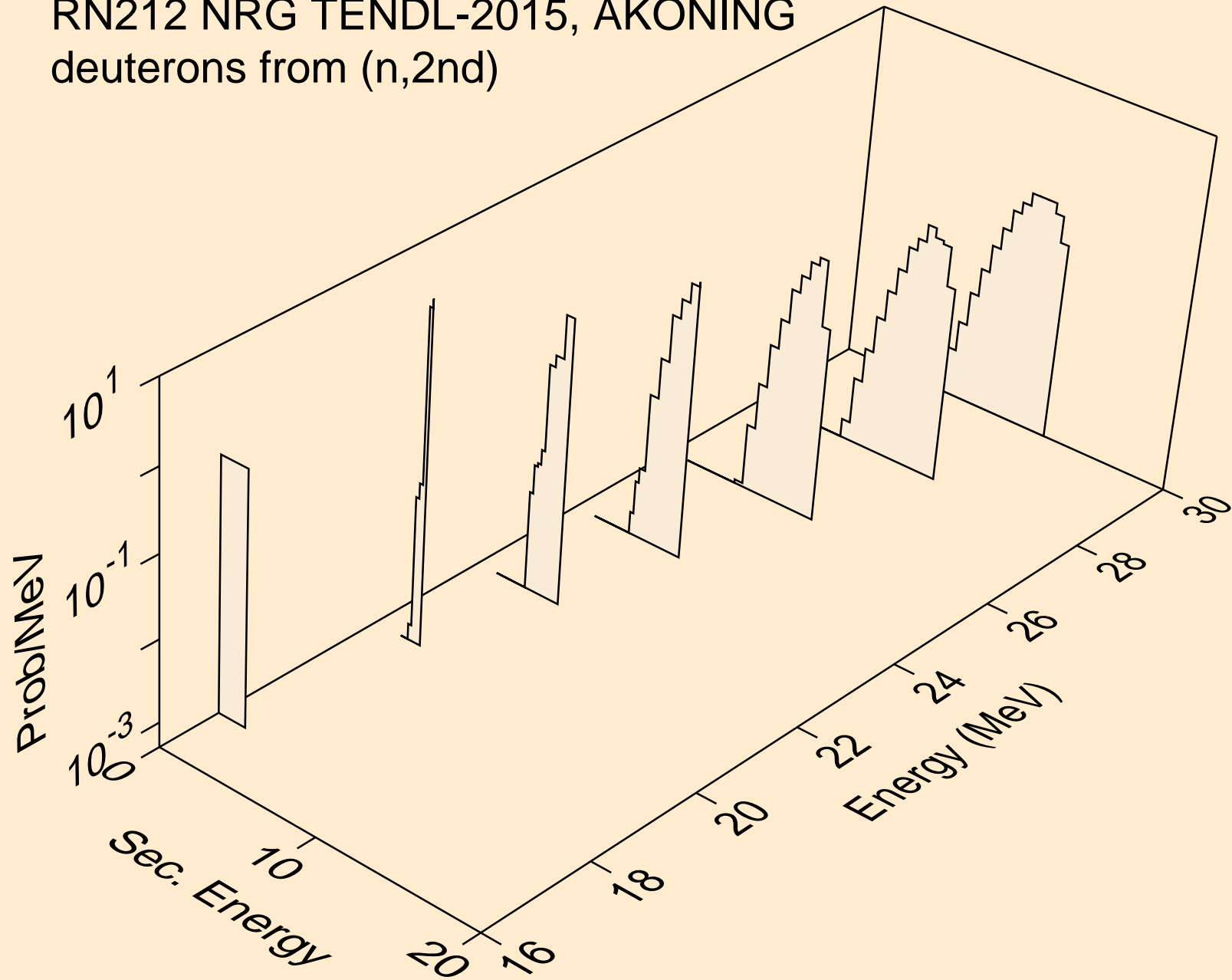
RN212 NRG TENDL-2015, AKONING  
protons from (n,pt)



RN212 NRG TENDL-2015, AKONING  
deuterons from (n,x)

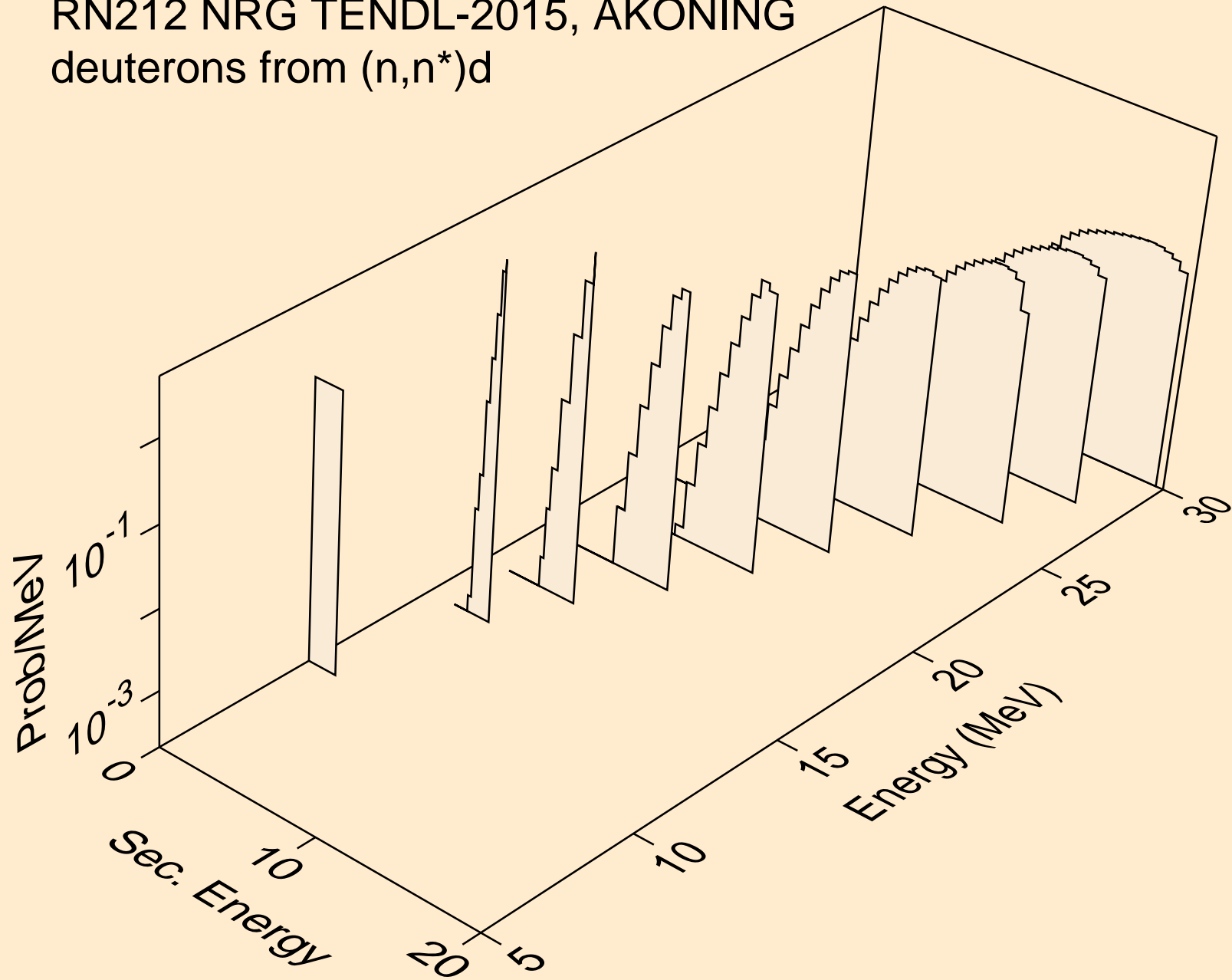


RN212 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)

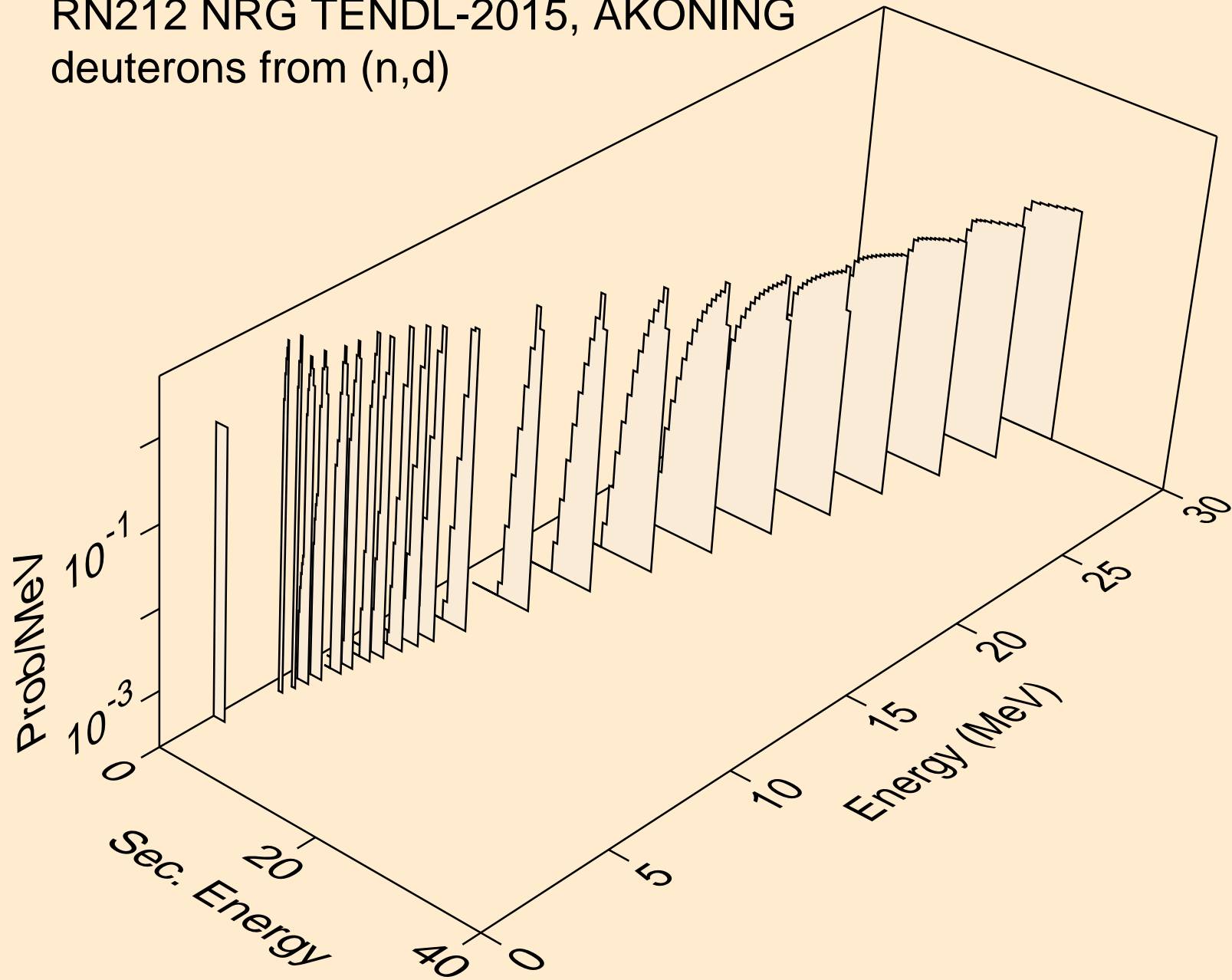




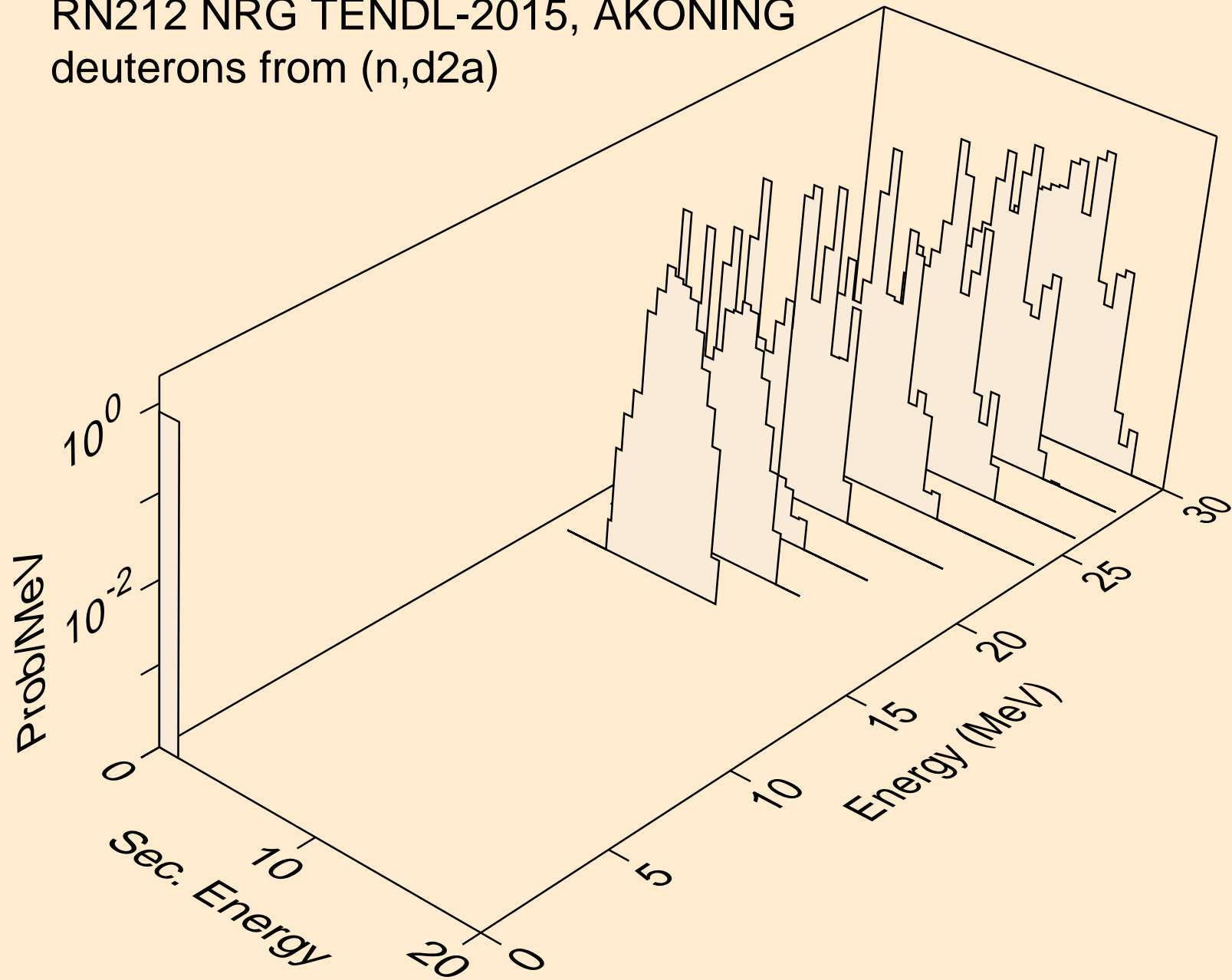
RN212 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



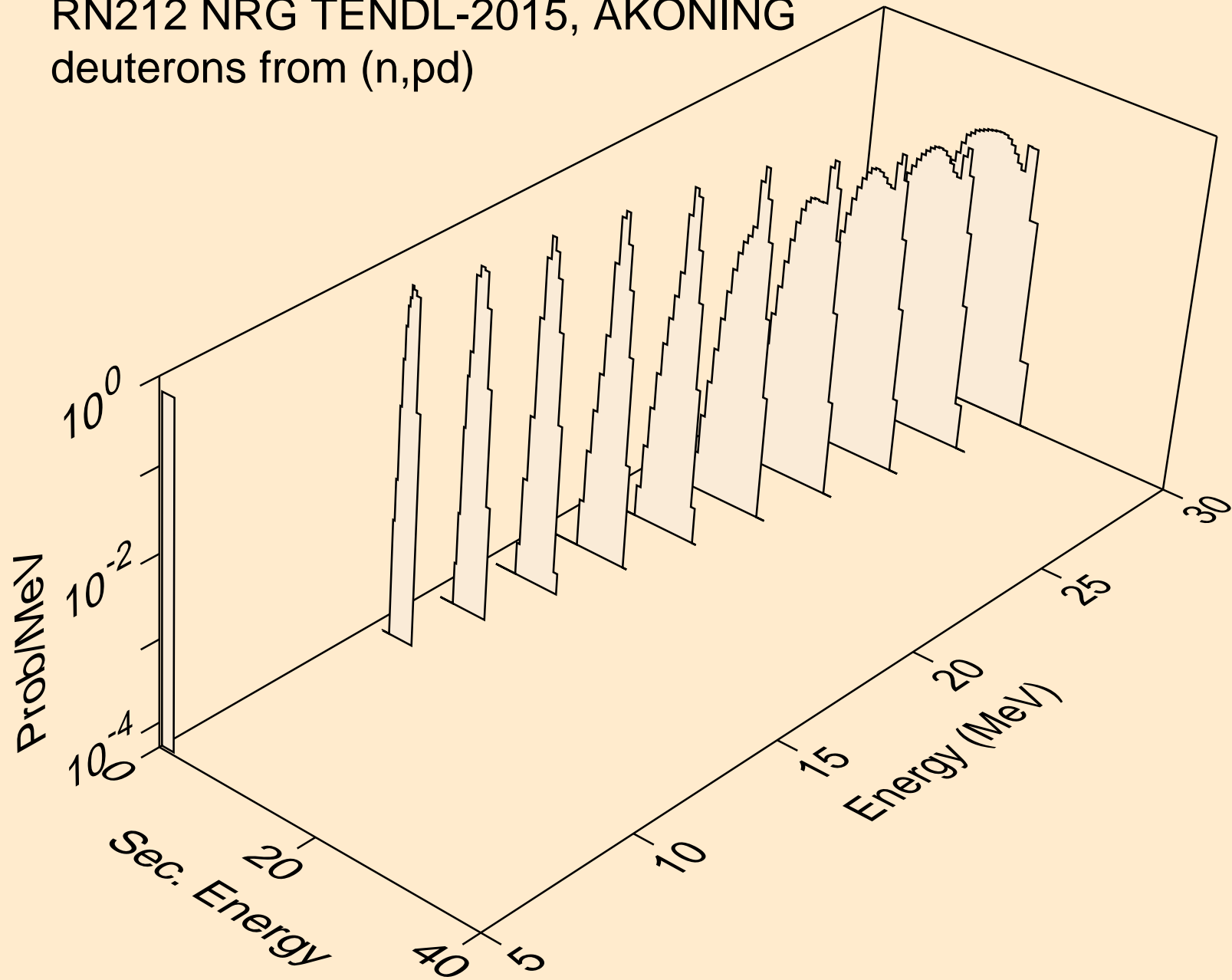
RN212 NRG TENDL-2015, AKONING  
deuterons from (n,d)



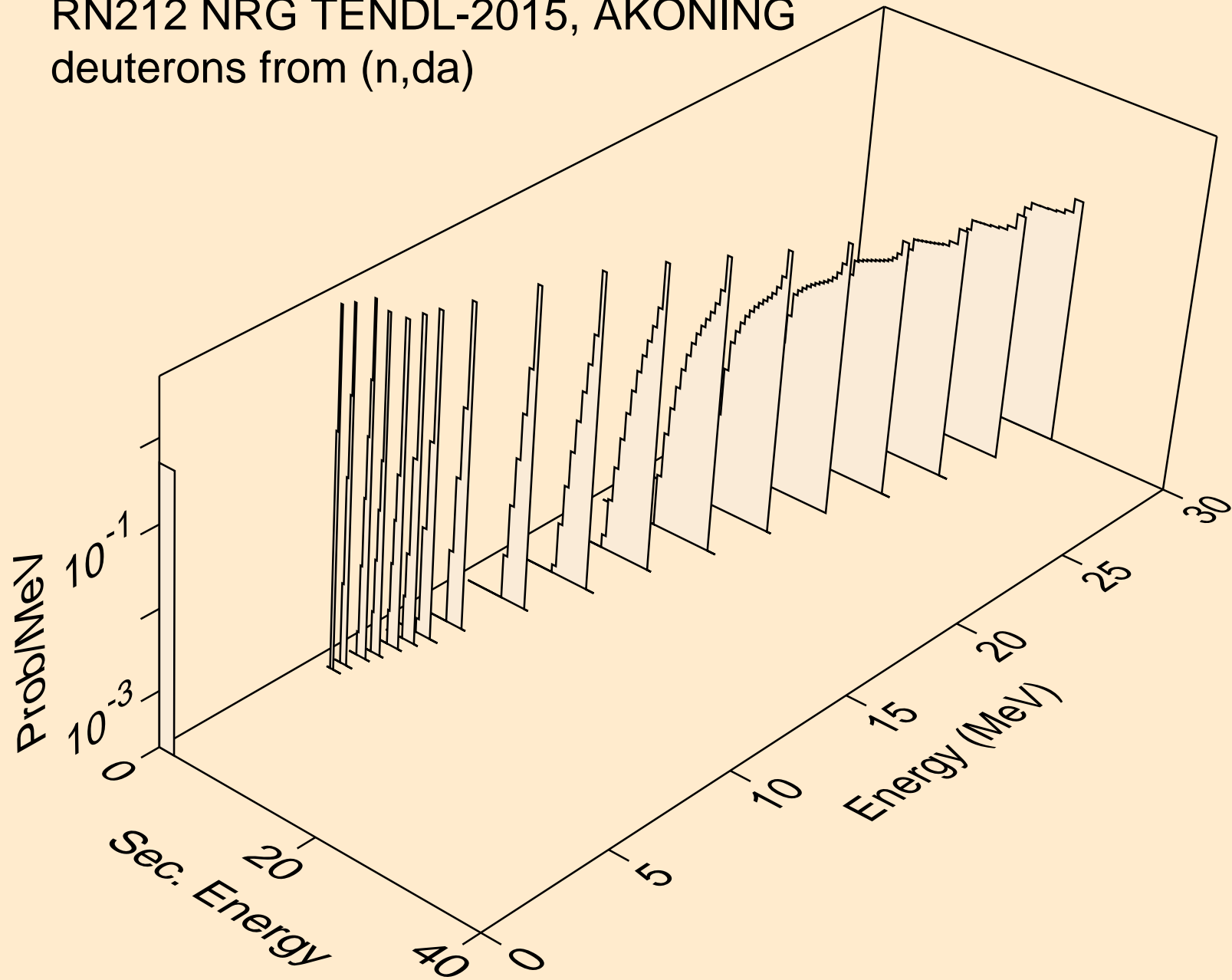
RN212 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)



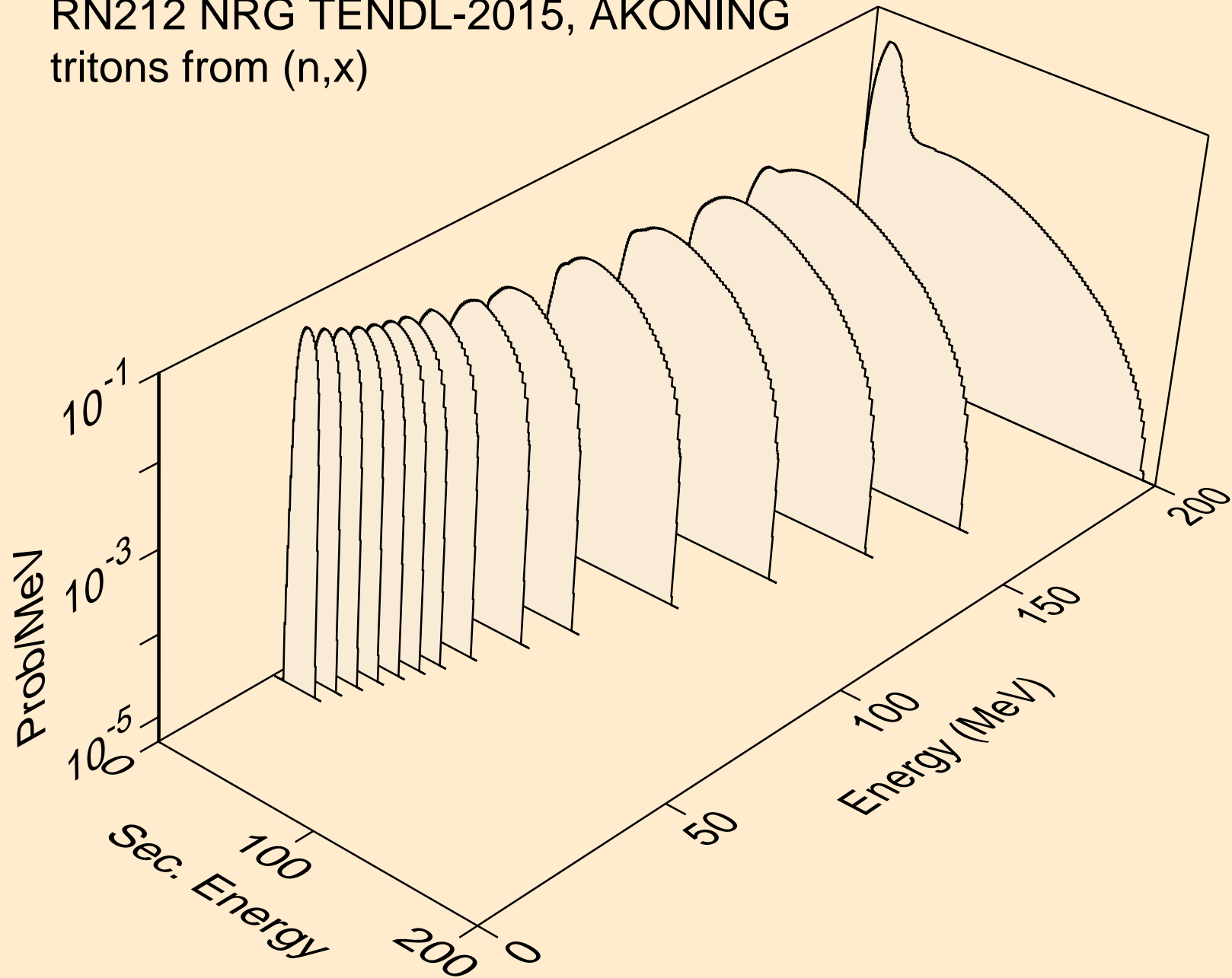
RN212 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



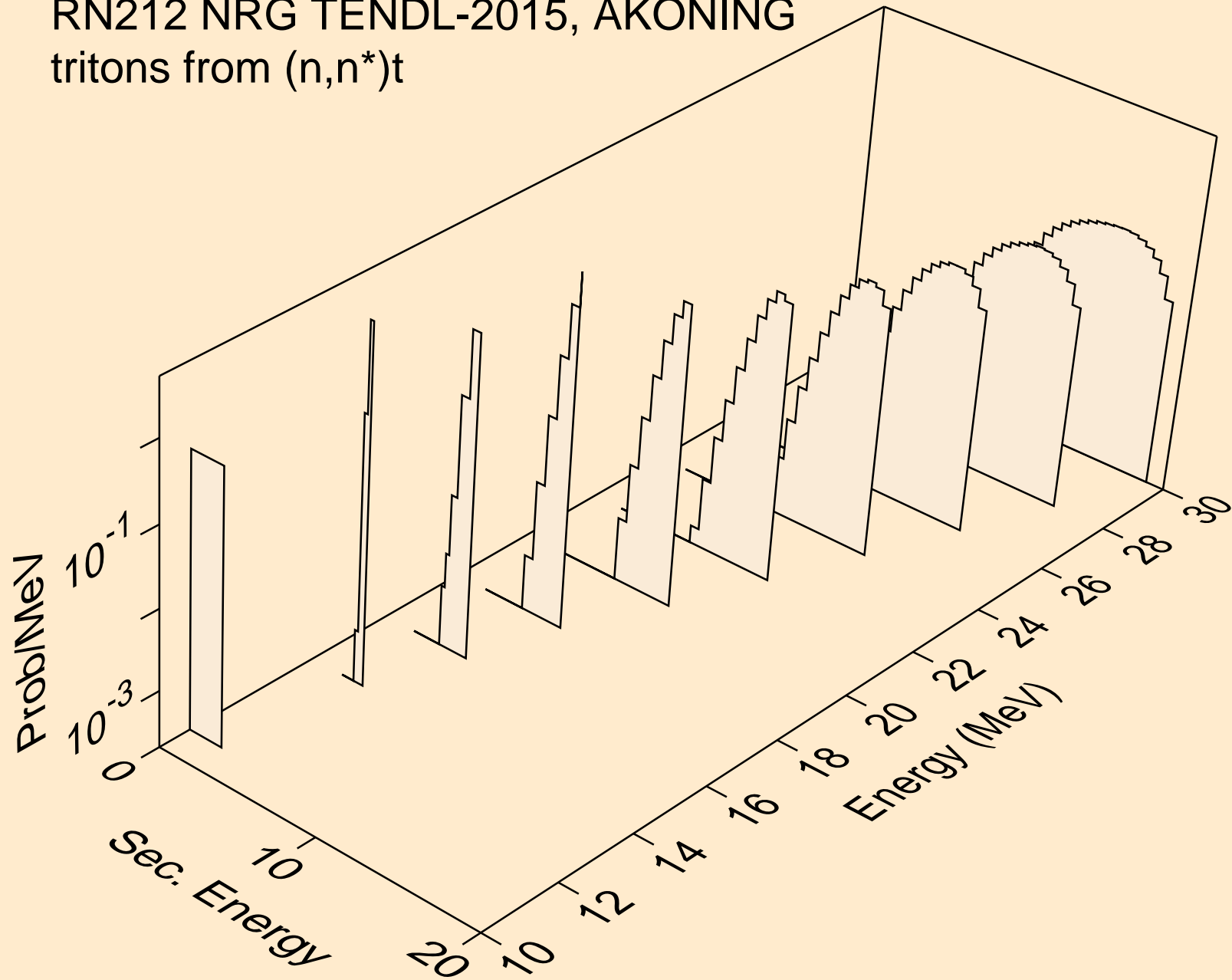
RN212 NRG TENDL-2015, AKONING  
deuterons from (n,da)



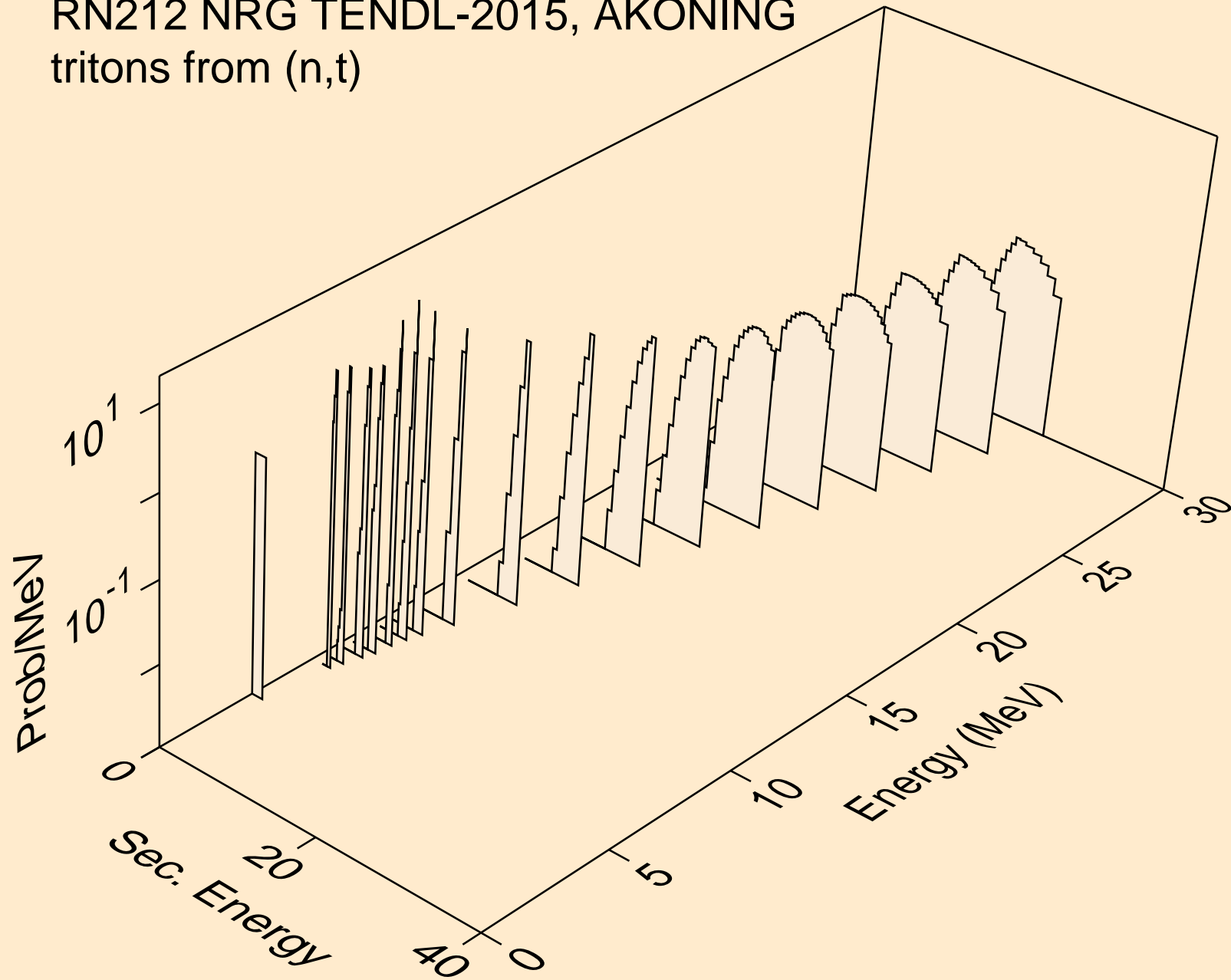
RN212 NRG TENDL-2015, AKONING  
tritons from (n,x)



RN212 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

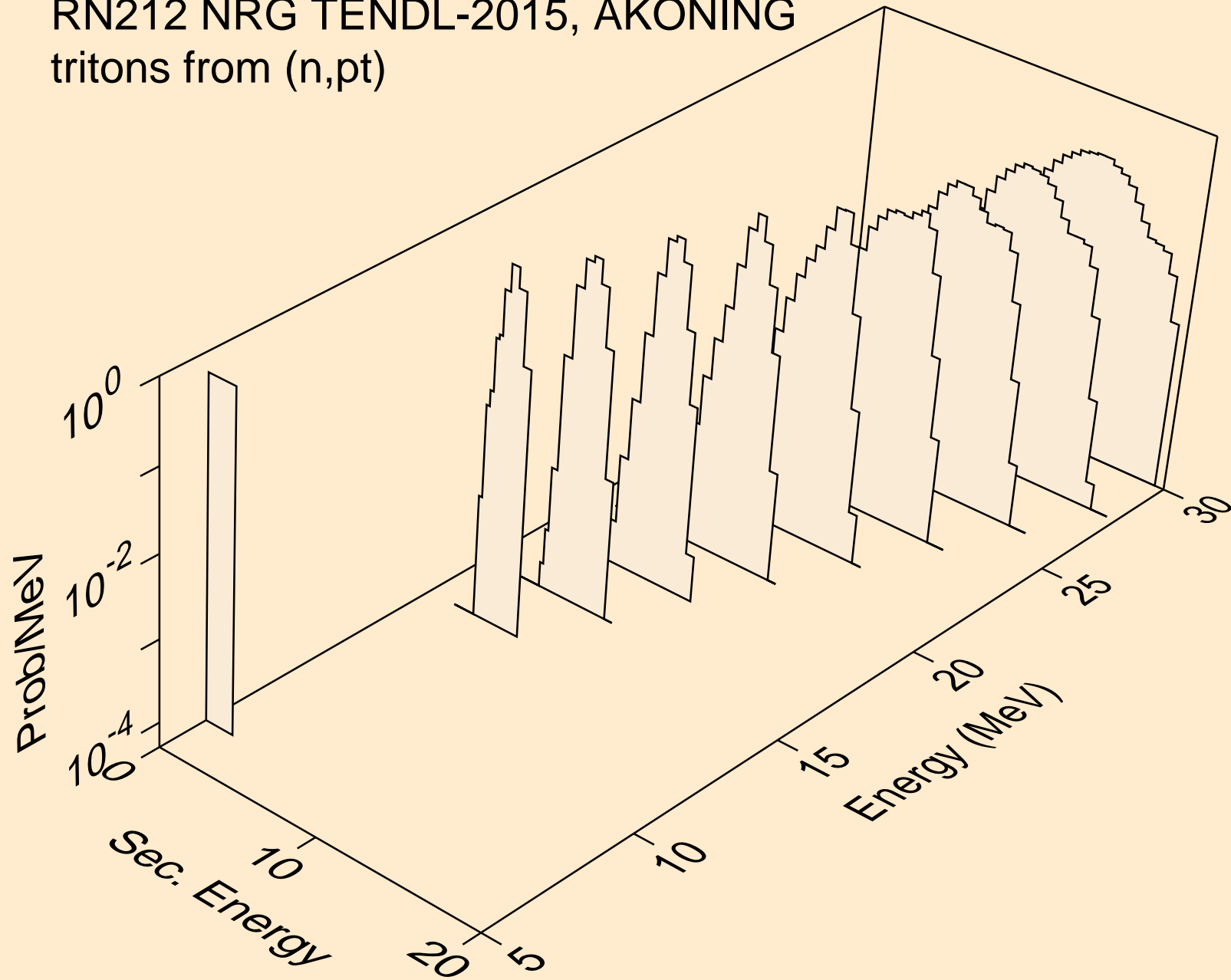


RN212 NRG TENDL-2015, AKONING  
tritons from (n,t)

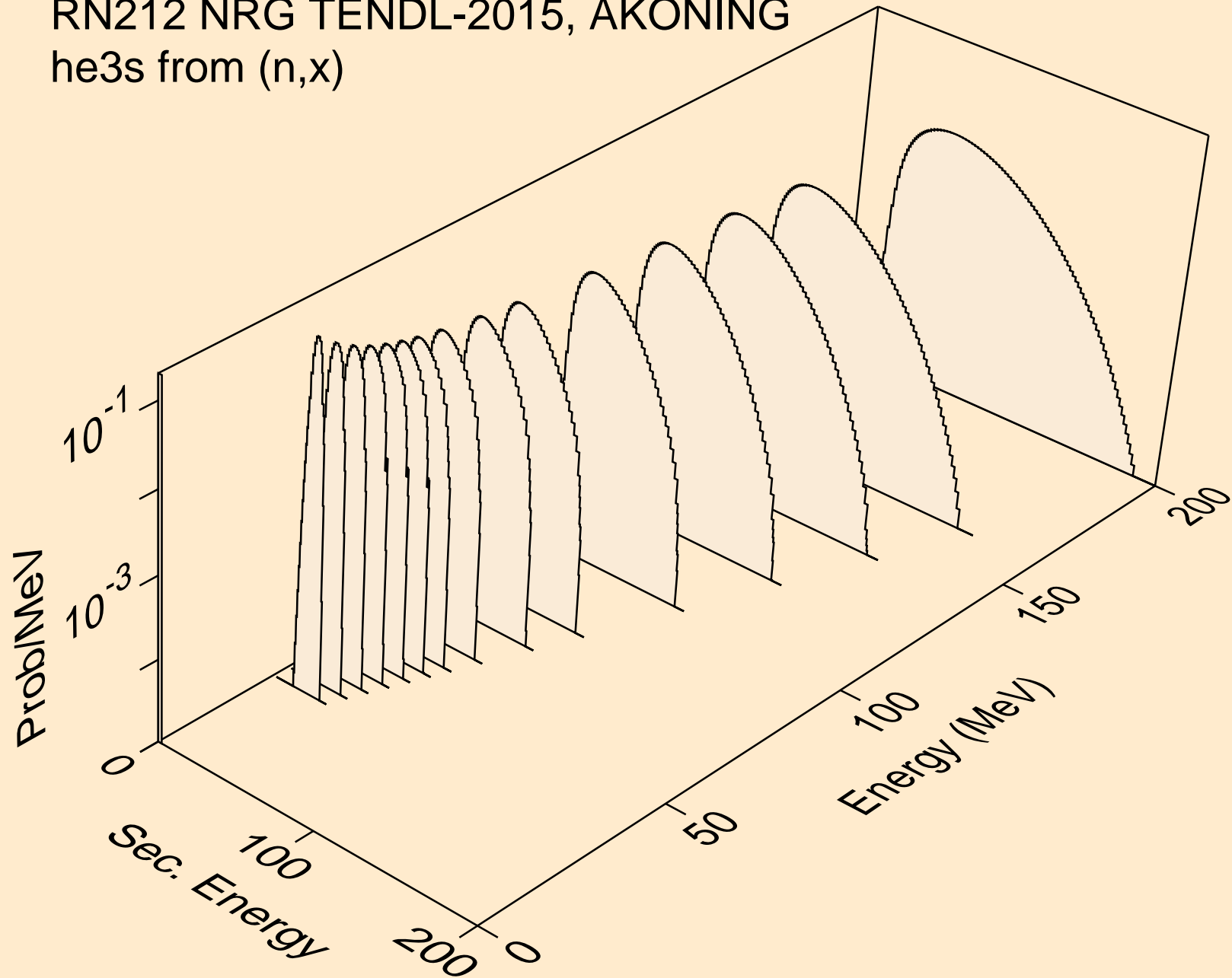




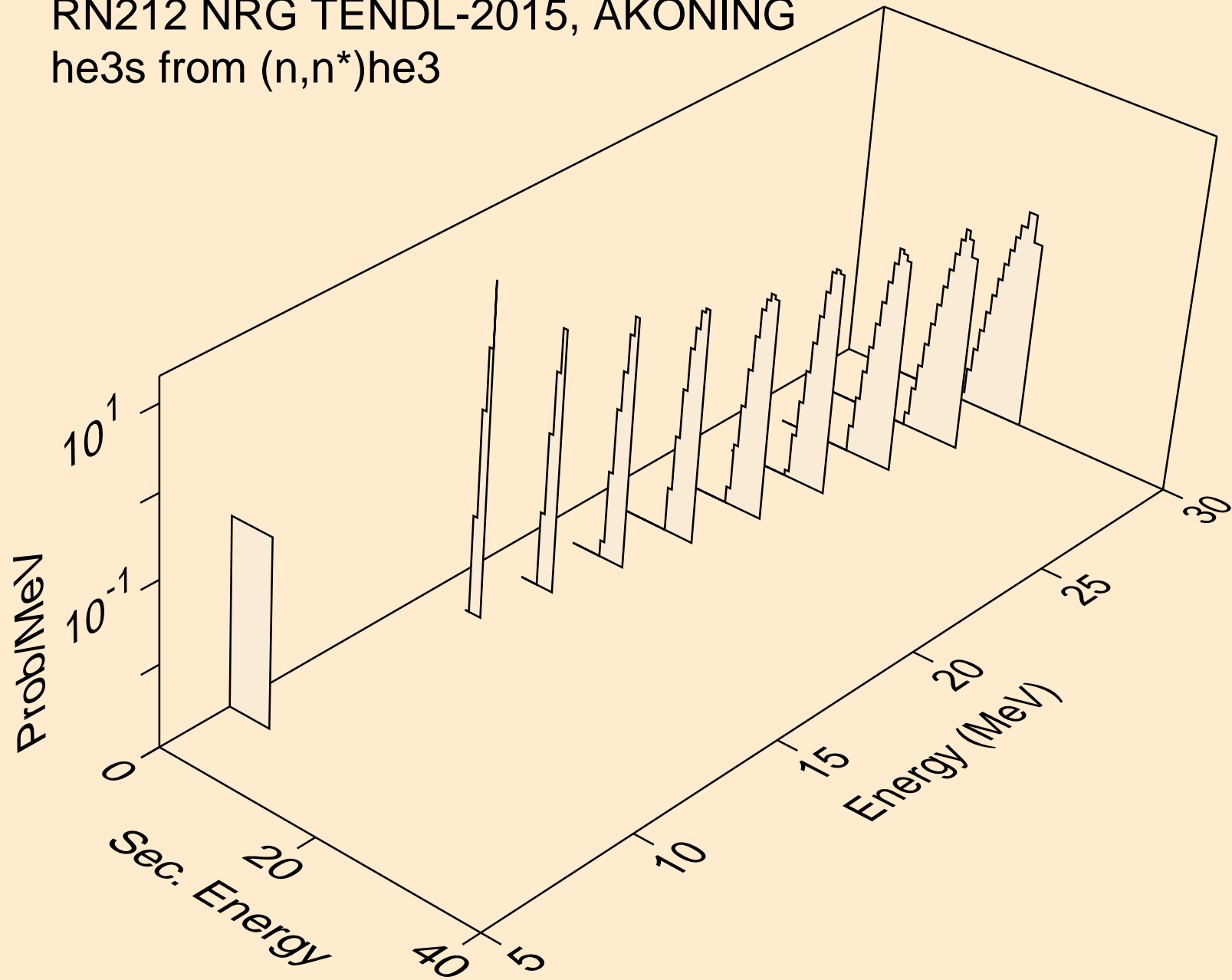
RN212 NRG TENDL-2015, AKONING  
tritons from (n,pt)



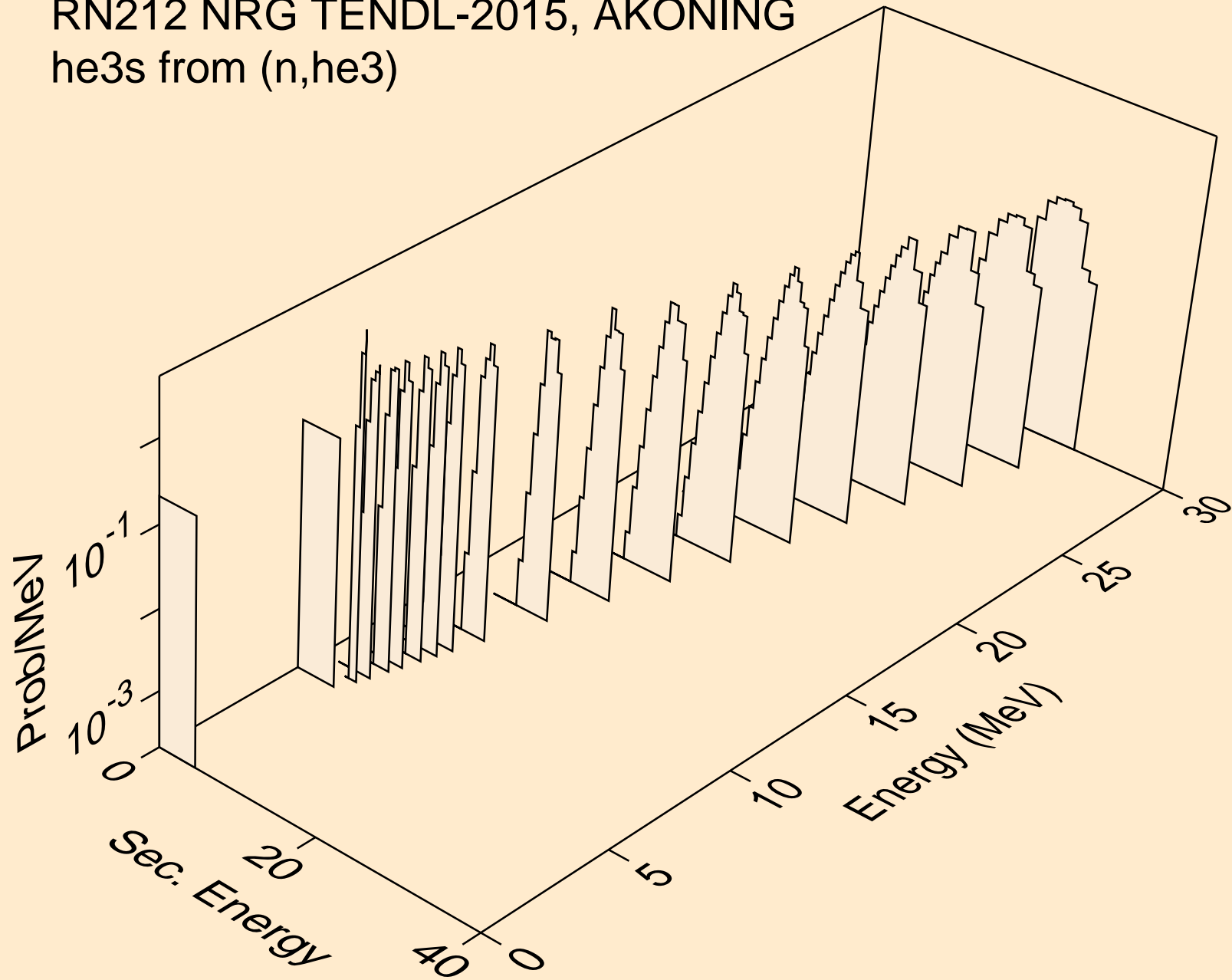
RN212 NRG TENDL-2015, AKONING  
he3s from (n,x)



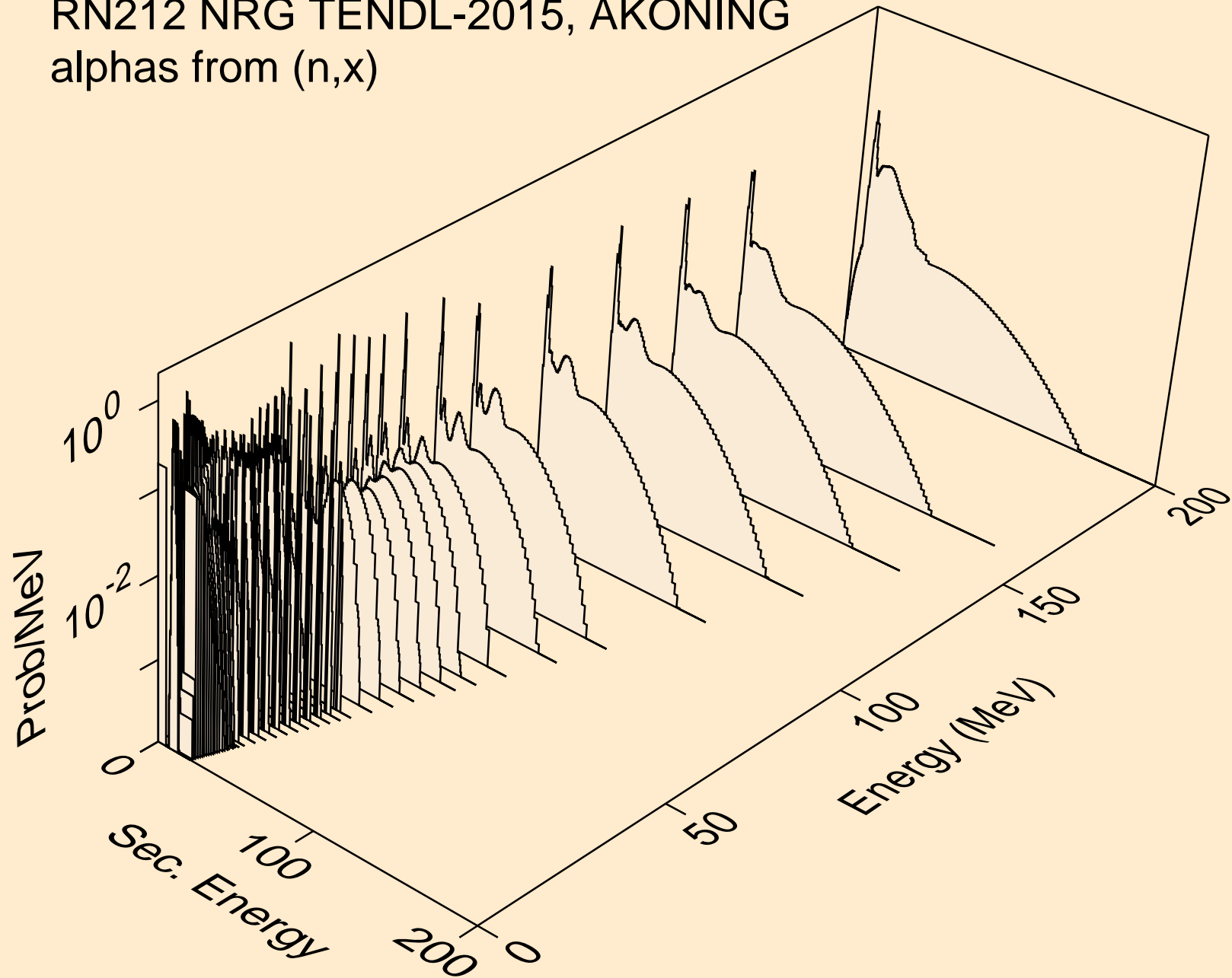
RN212 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



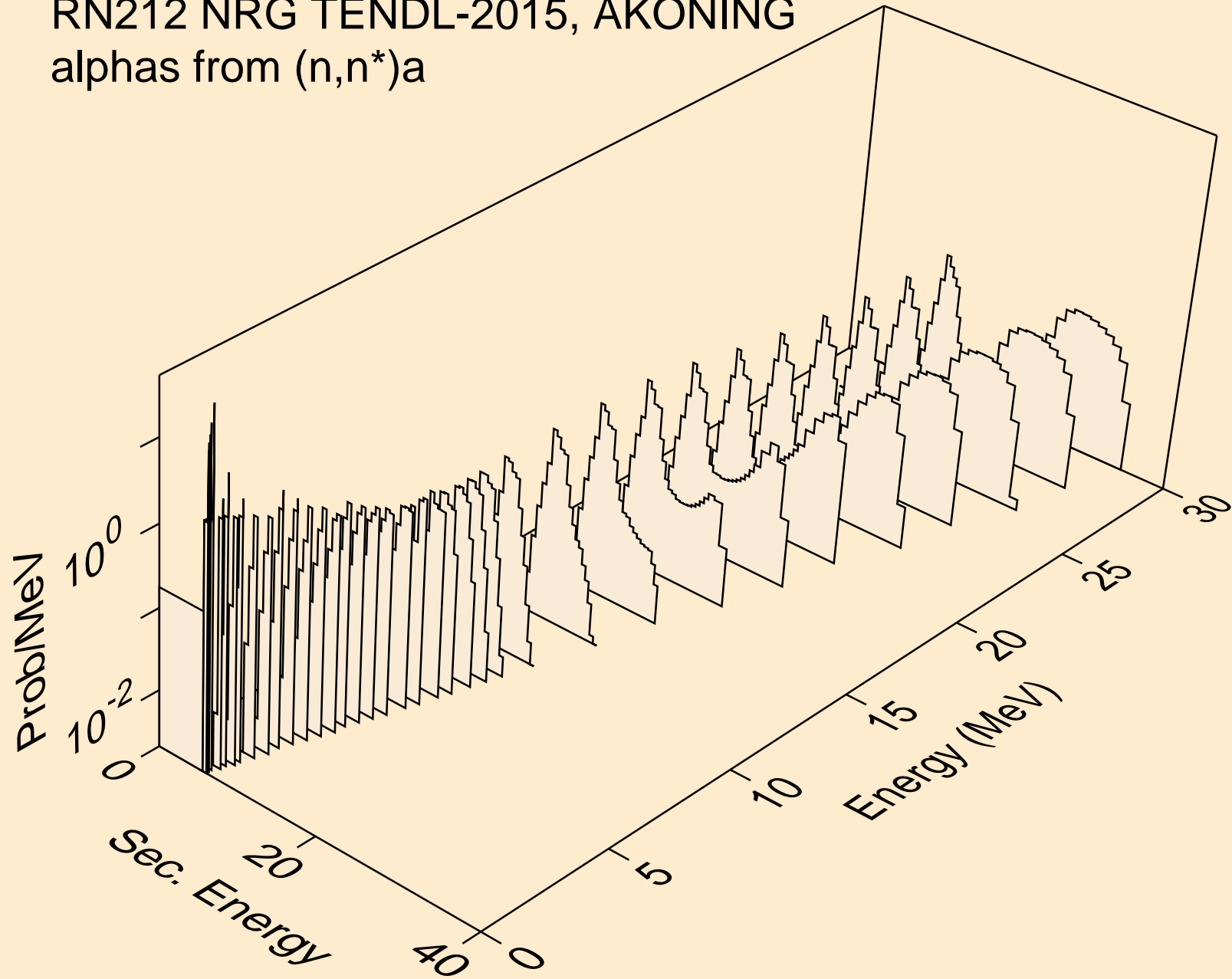
RN212 NRG TENDL-2015, AKONING  
he3s from (n,he3)



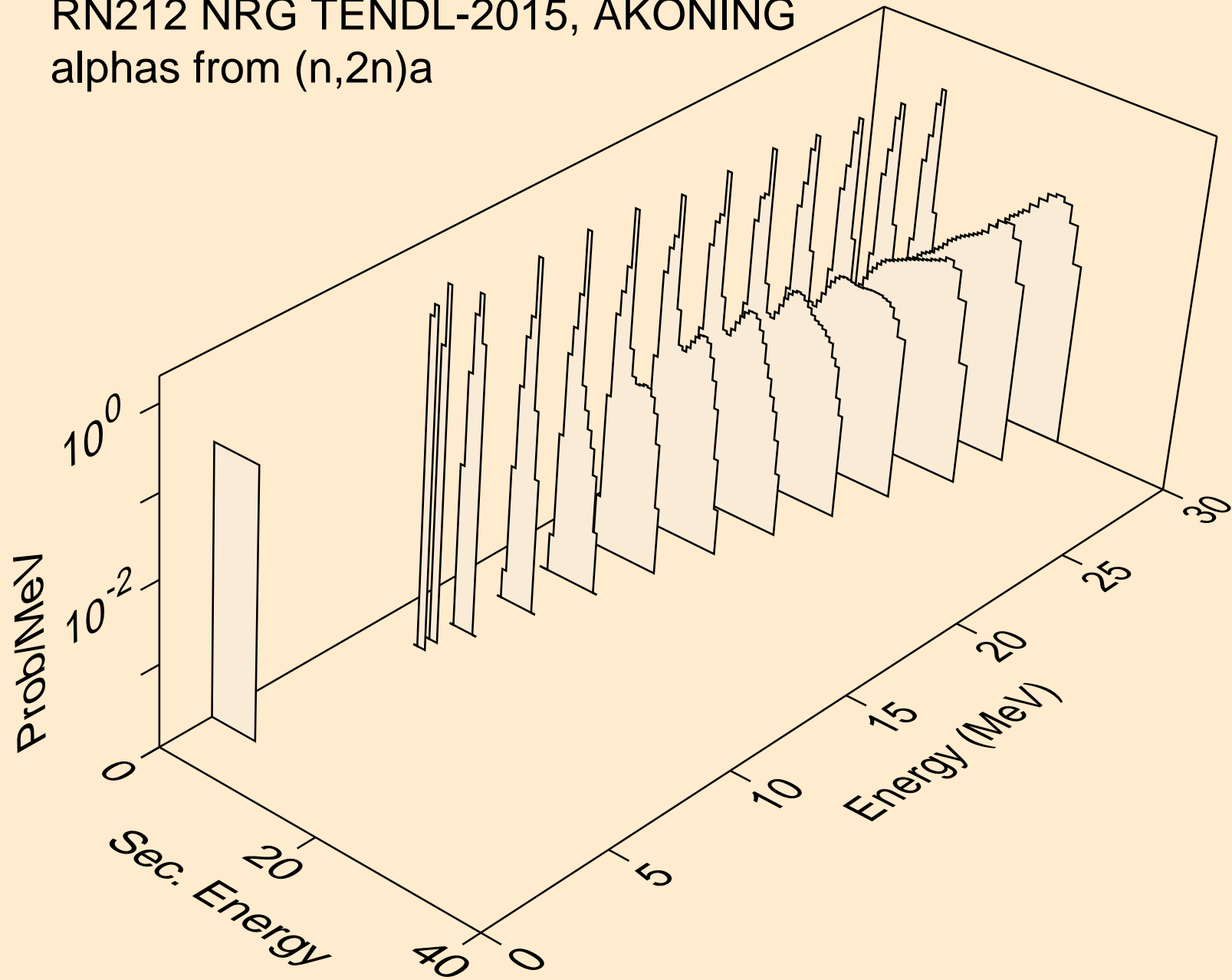
RN212 NRG TENDL-2015, AKONING  
alphas from (n,x)



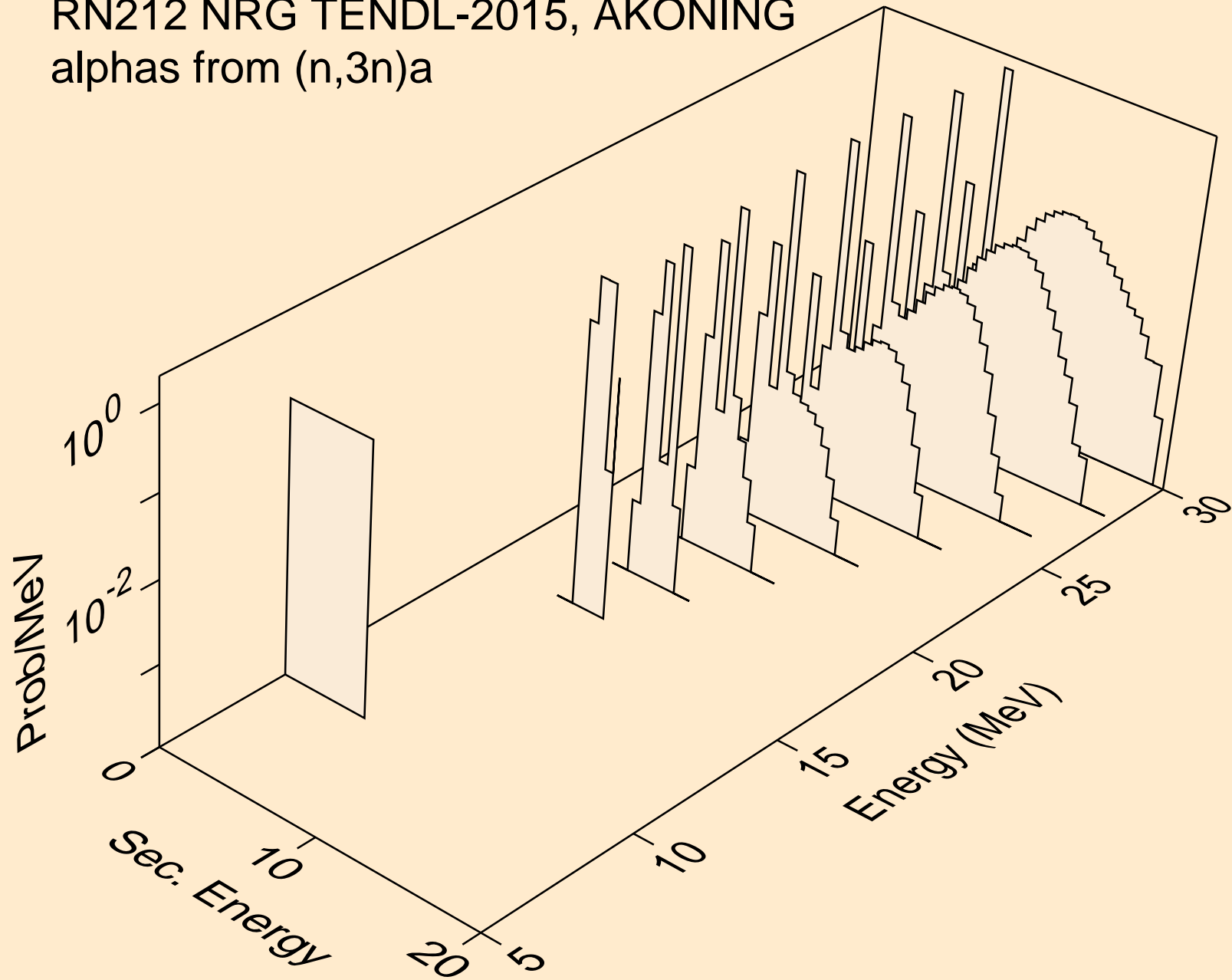
RN212 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



RN212 NRG TENDL-2015, AKONING  
alphas from (n,2n)a

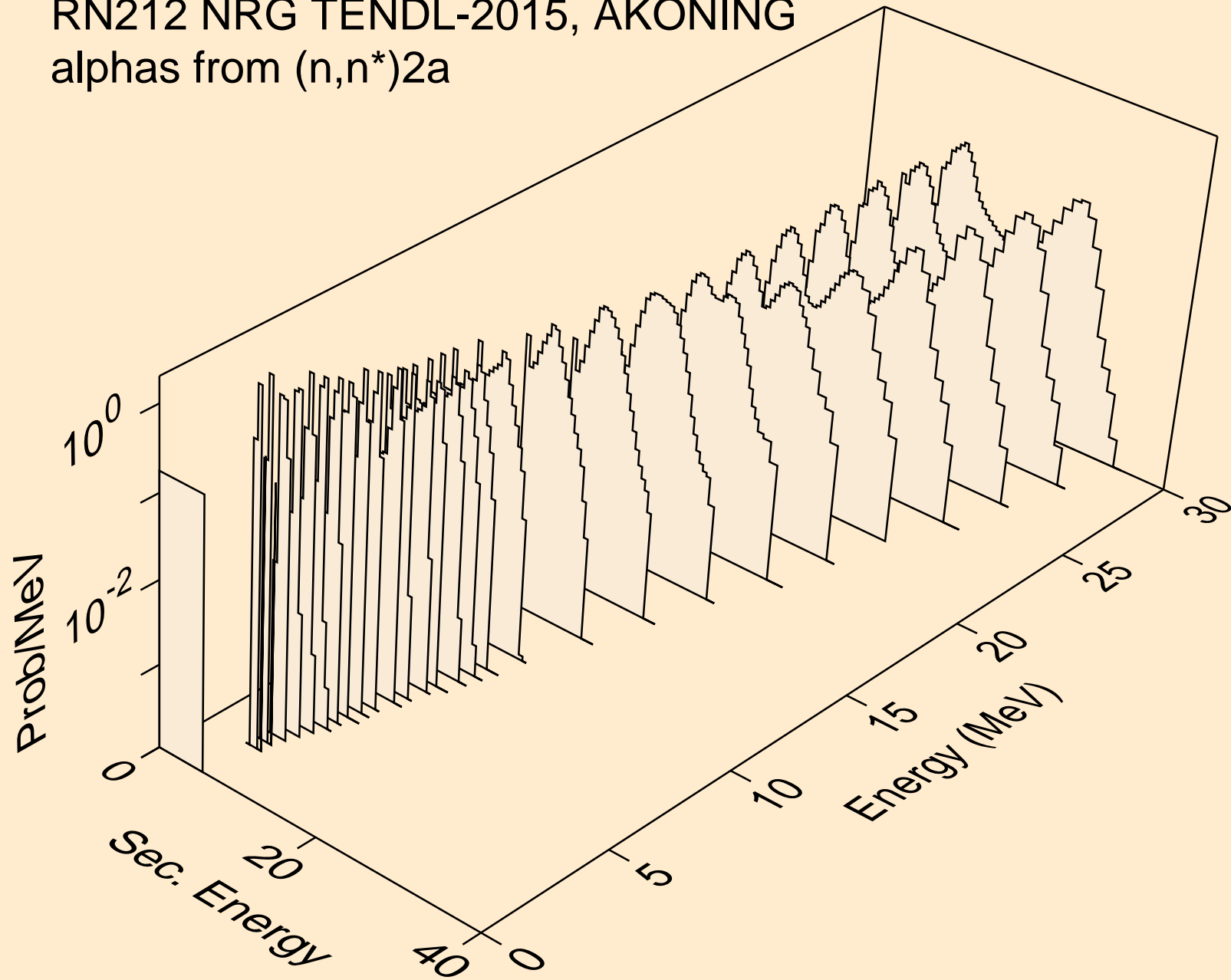


RN212 NRG TENDL-2015, AKONING  
alphas from (n,3n)a

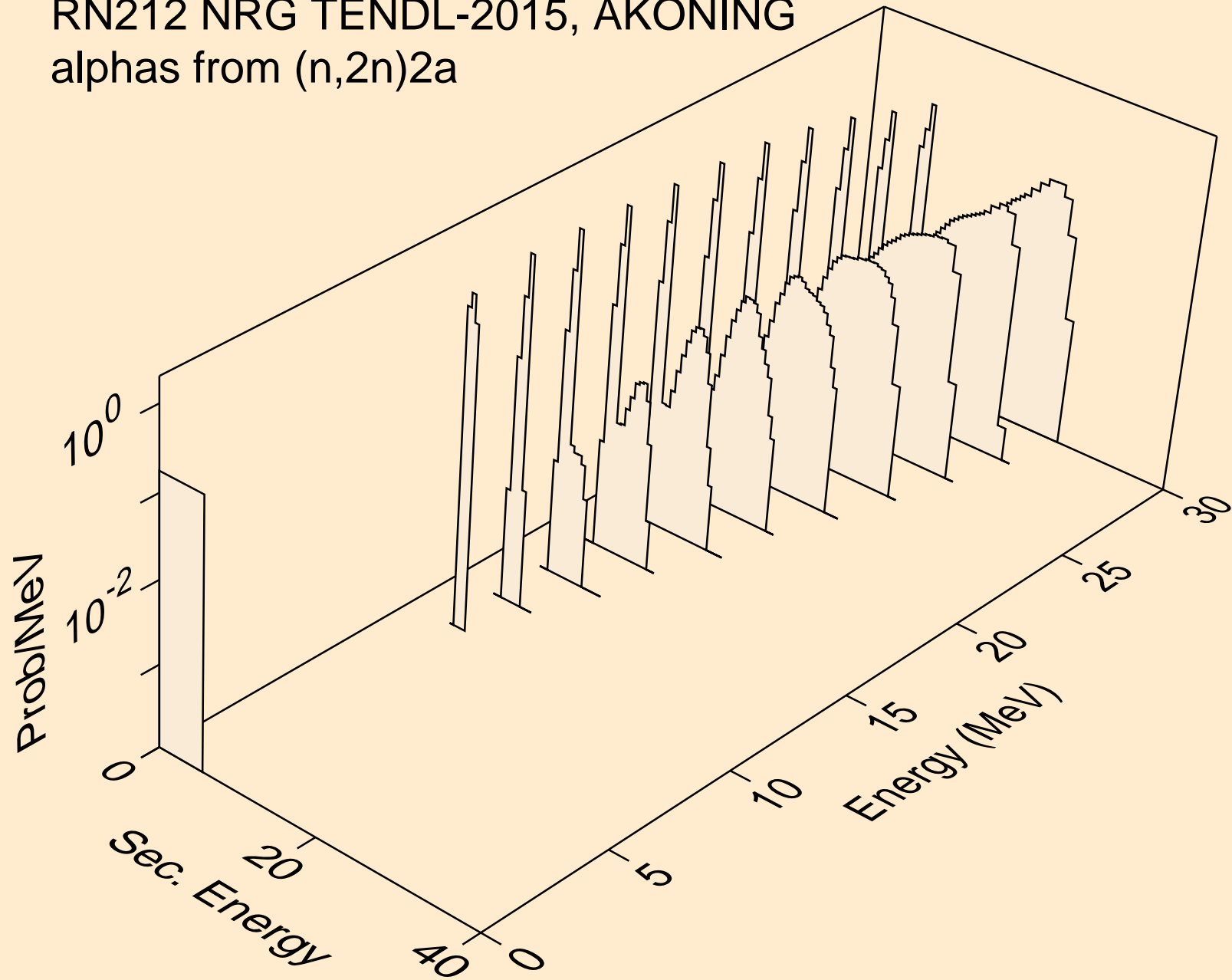




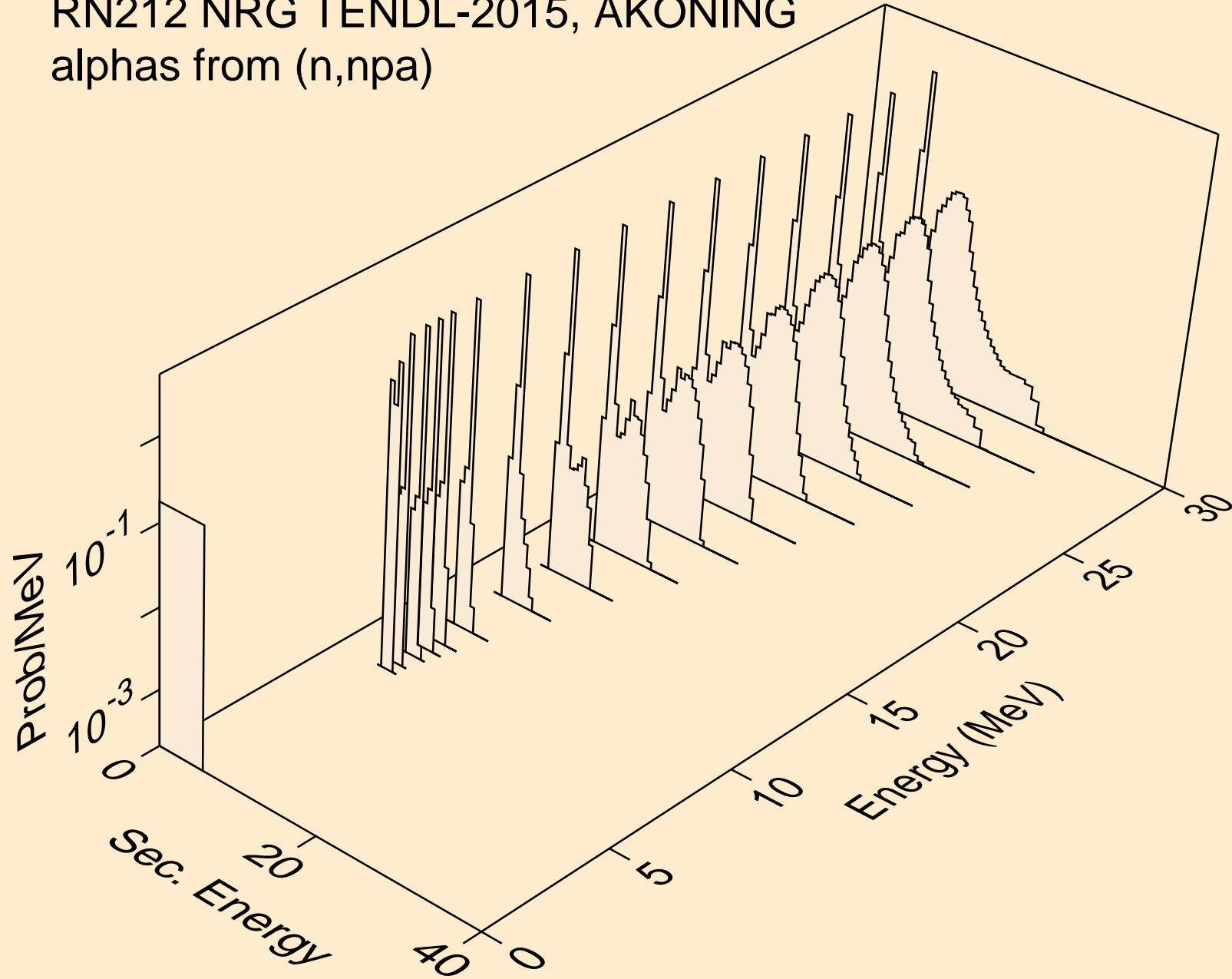
RN212 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



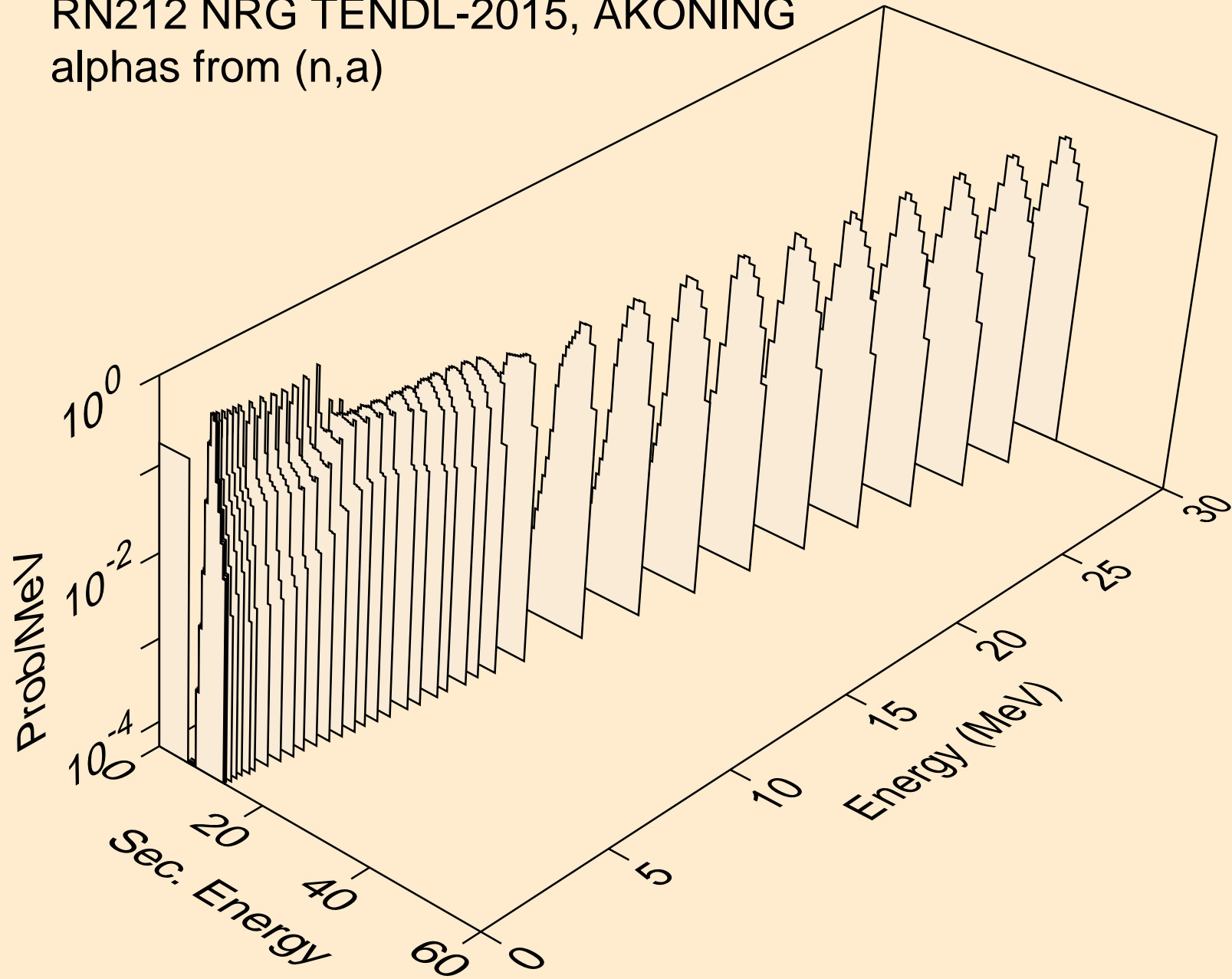
RN212 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



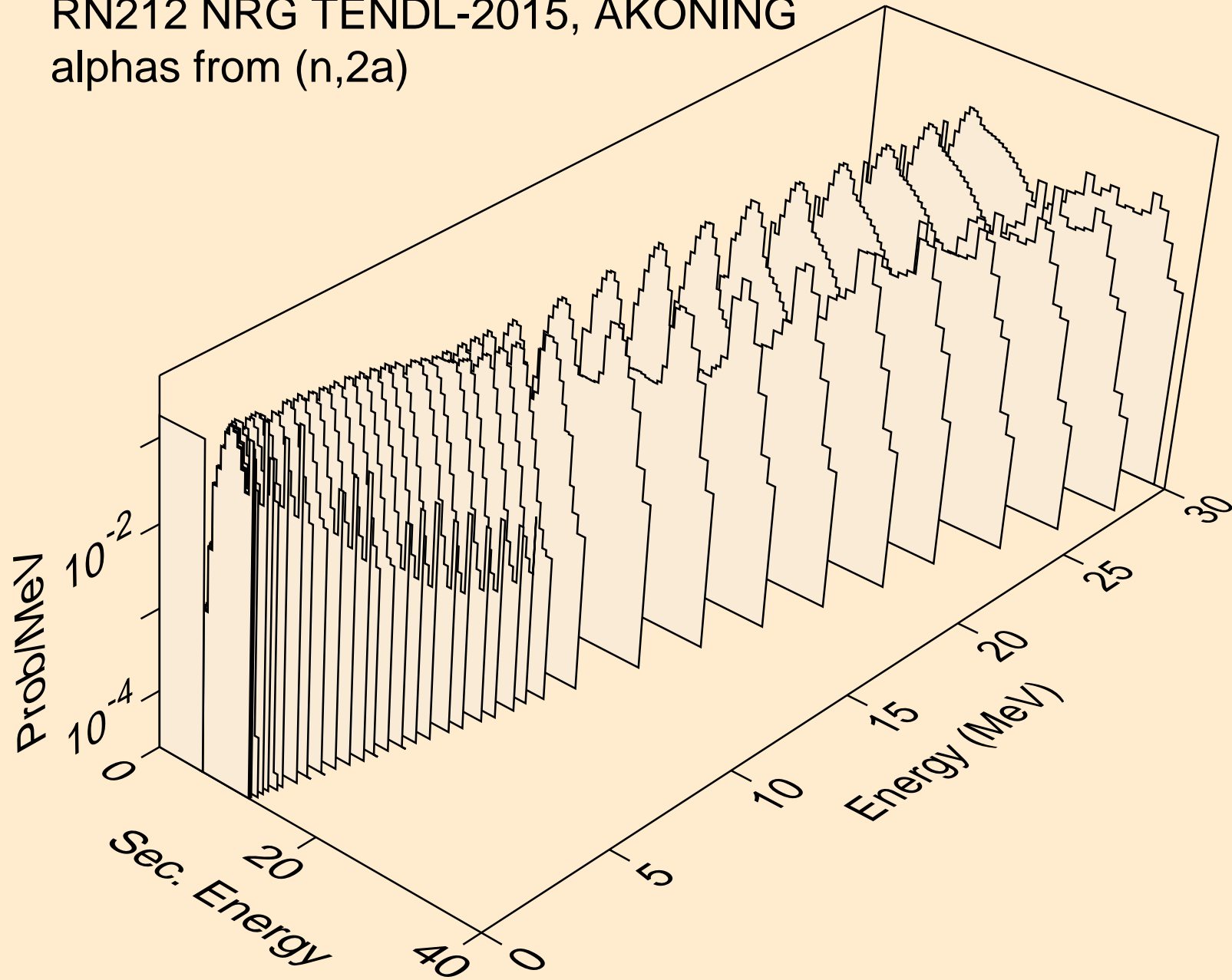
RN212 NRG TENDL-2015, AKONING  
alphas from (n,npa)



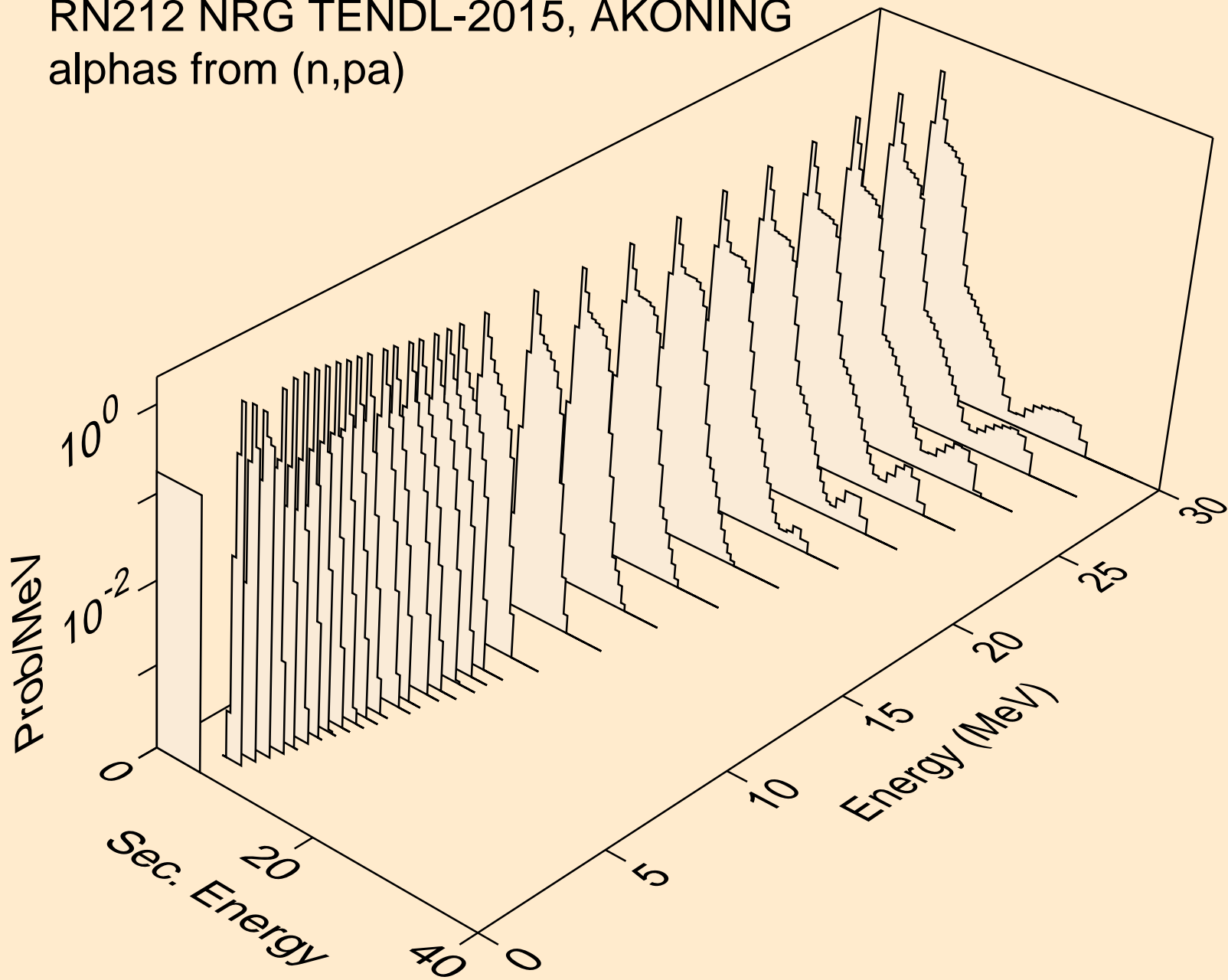
RN212 NRG TENDL-2015, AKONING  
alphas from (n,a)



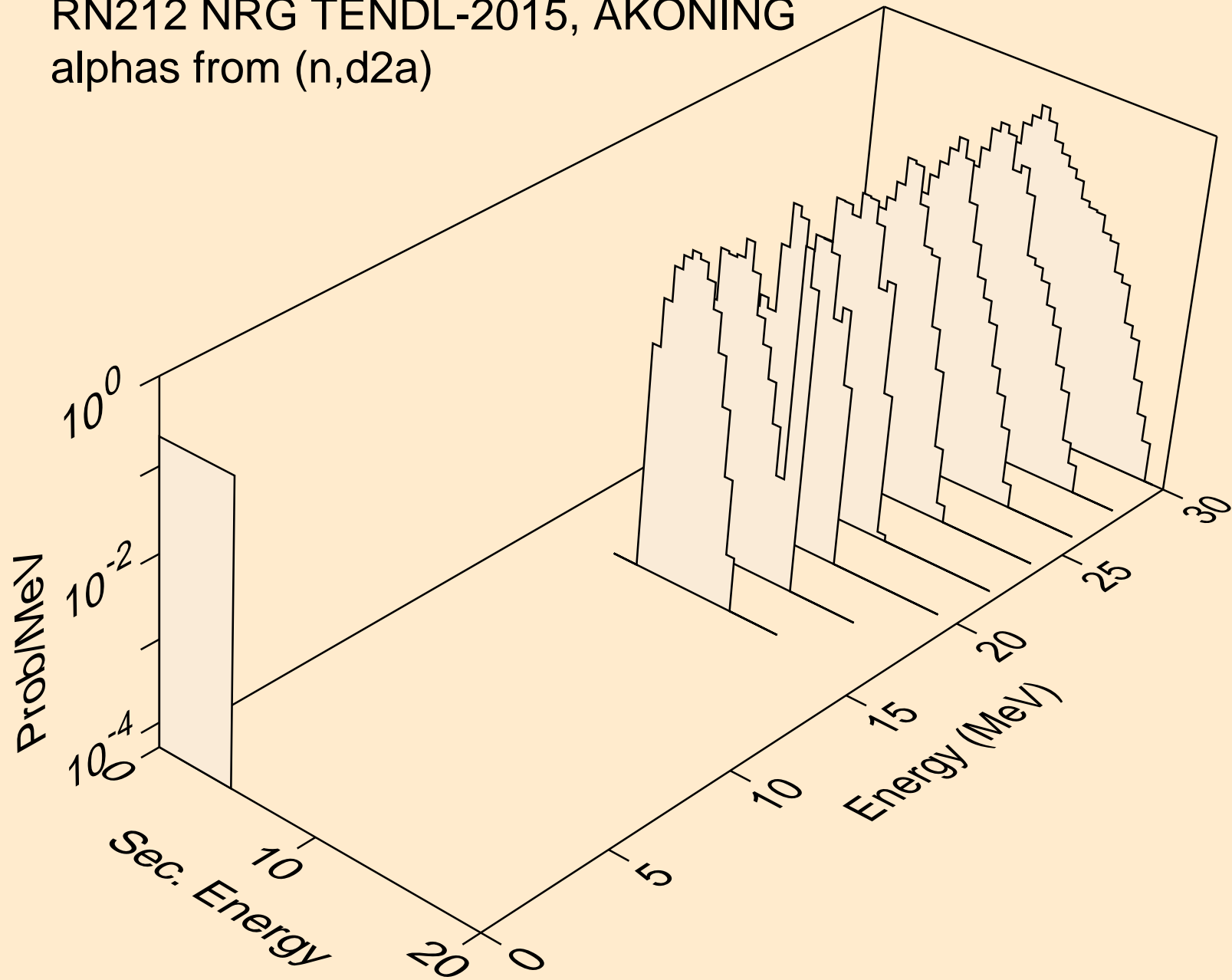
RN212 NRG TENDL-2015, AKONING  
alphas from (n,2a)



RN212 NRG TENDL-2015, AKONING  
alphas from (n,pa)



RN212 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



RN212 NRG TENDL-2015, AKONING  
alphas from (n,da)

