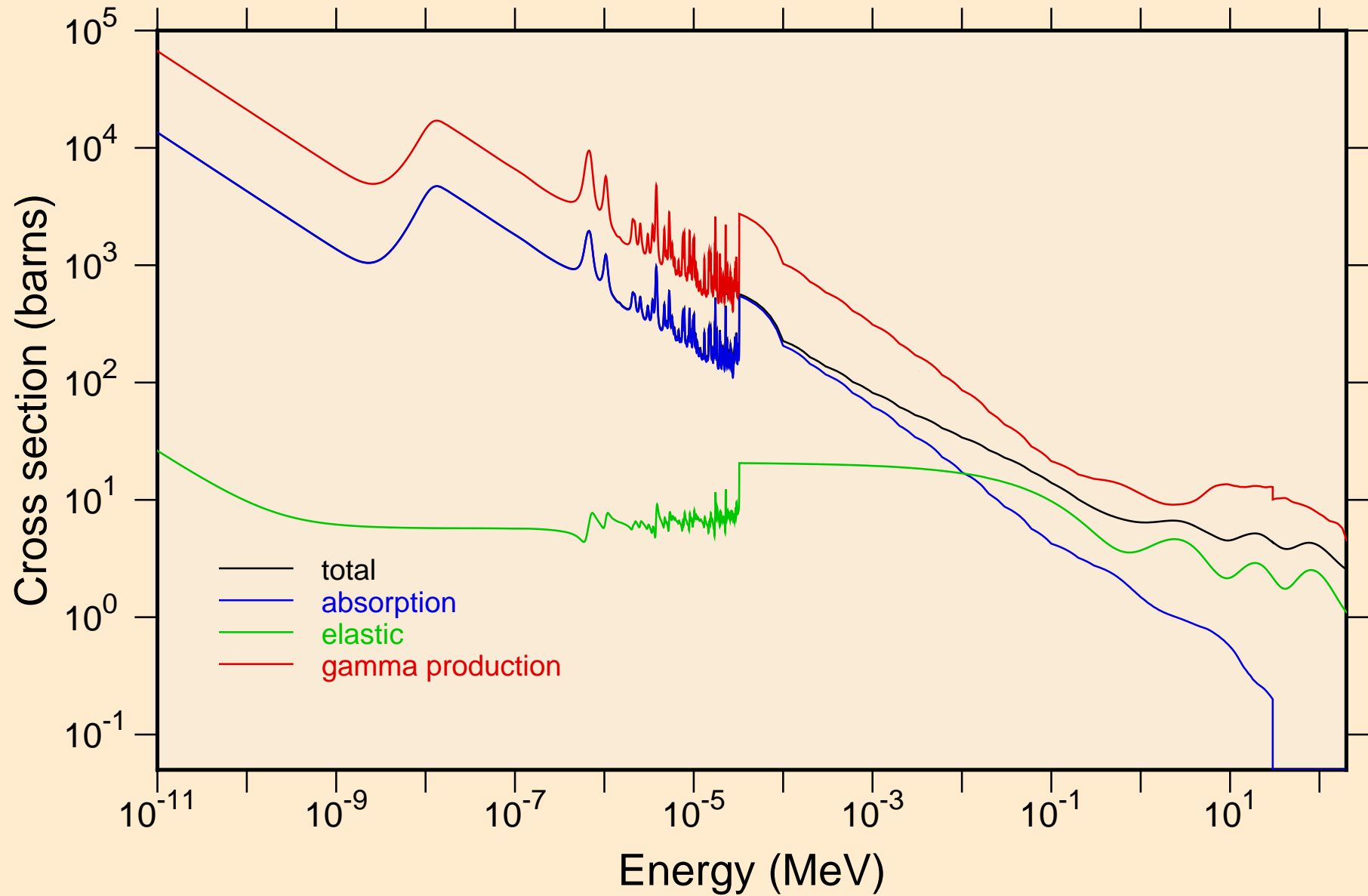
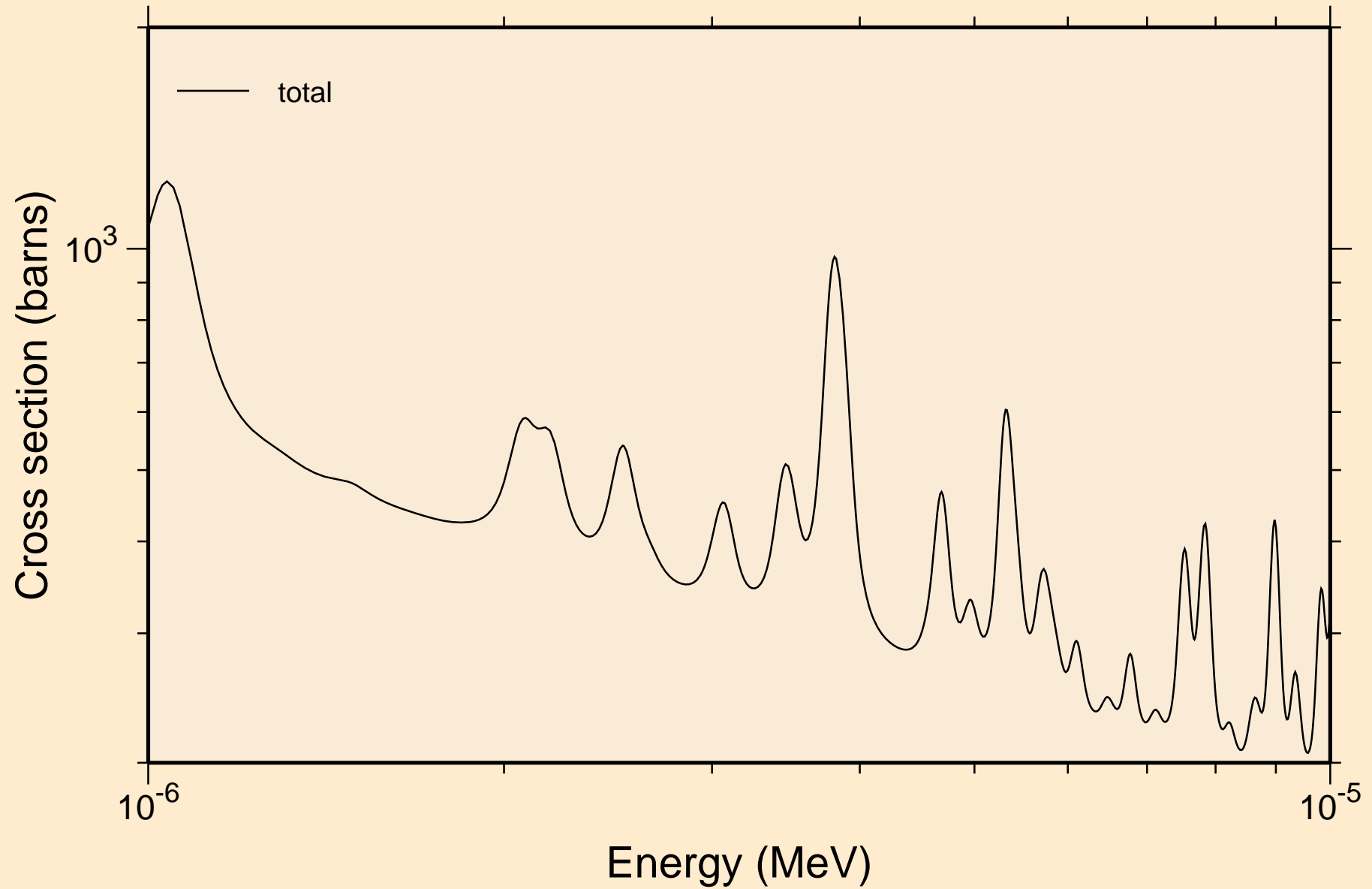


# TA164 NRG TENDL-2015, AKONING

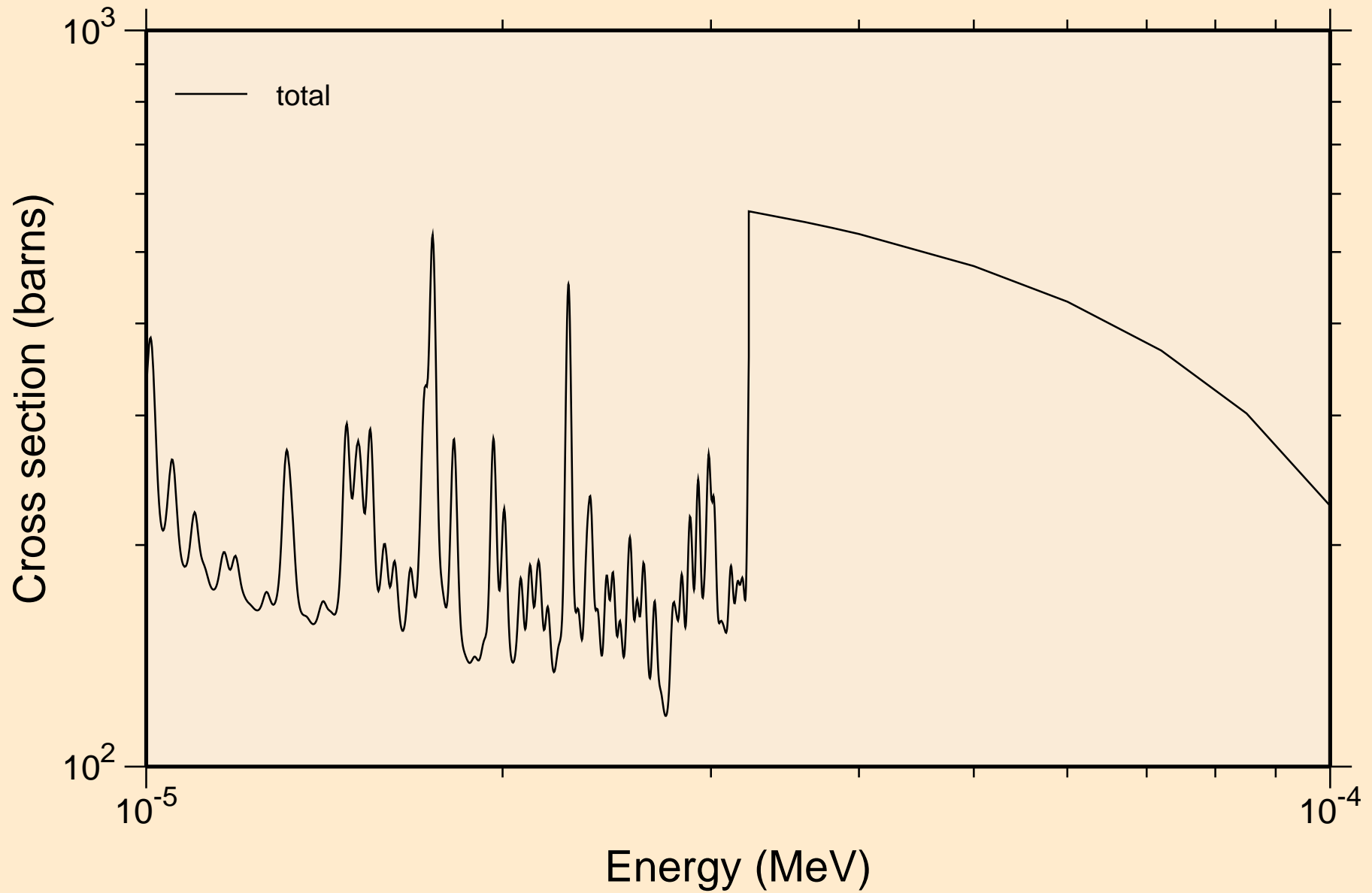
## Principal cross sections



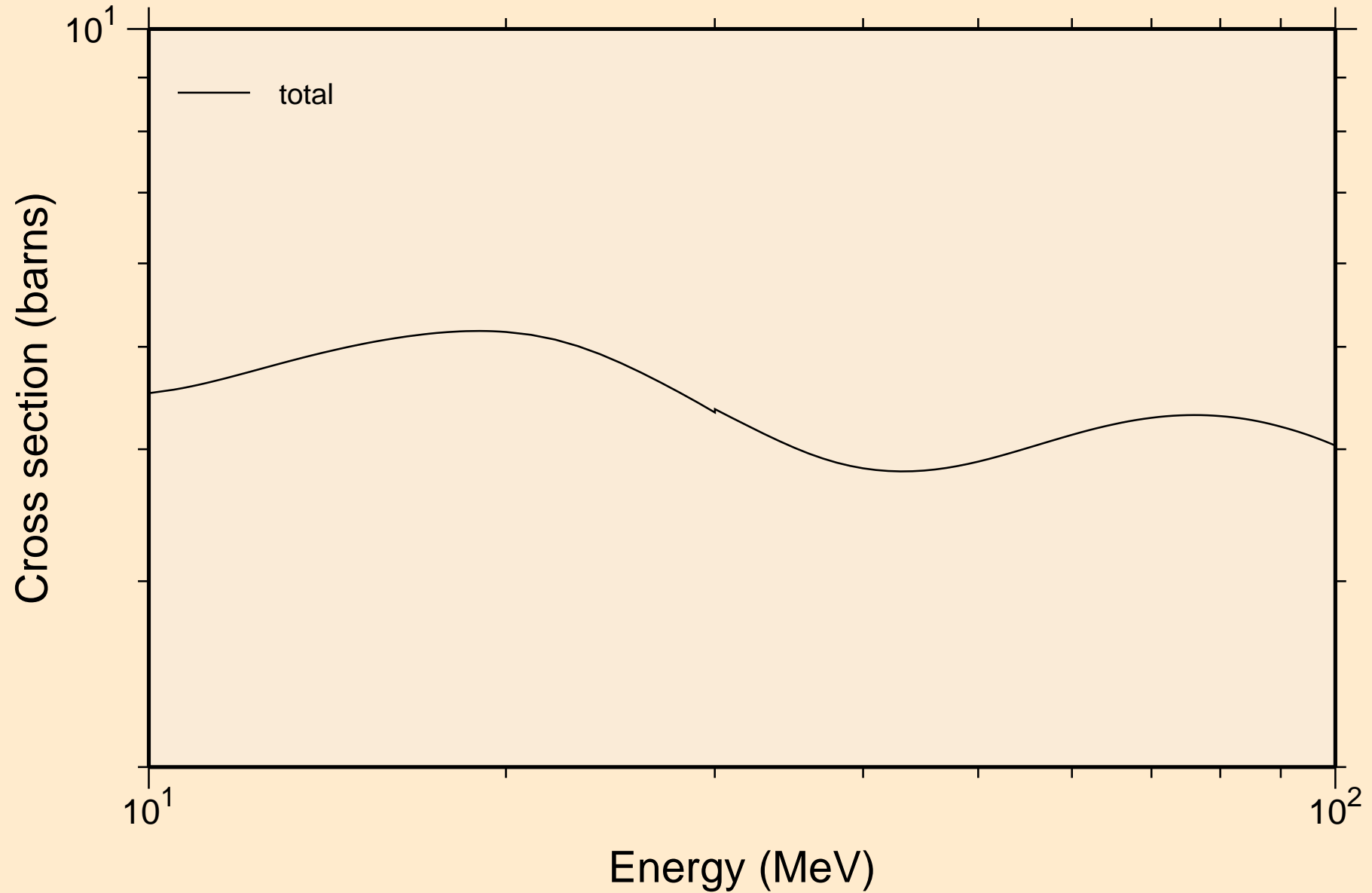
TA164 NRG TENDL-2015, AKONING  
resonance total cross section



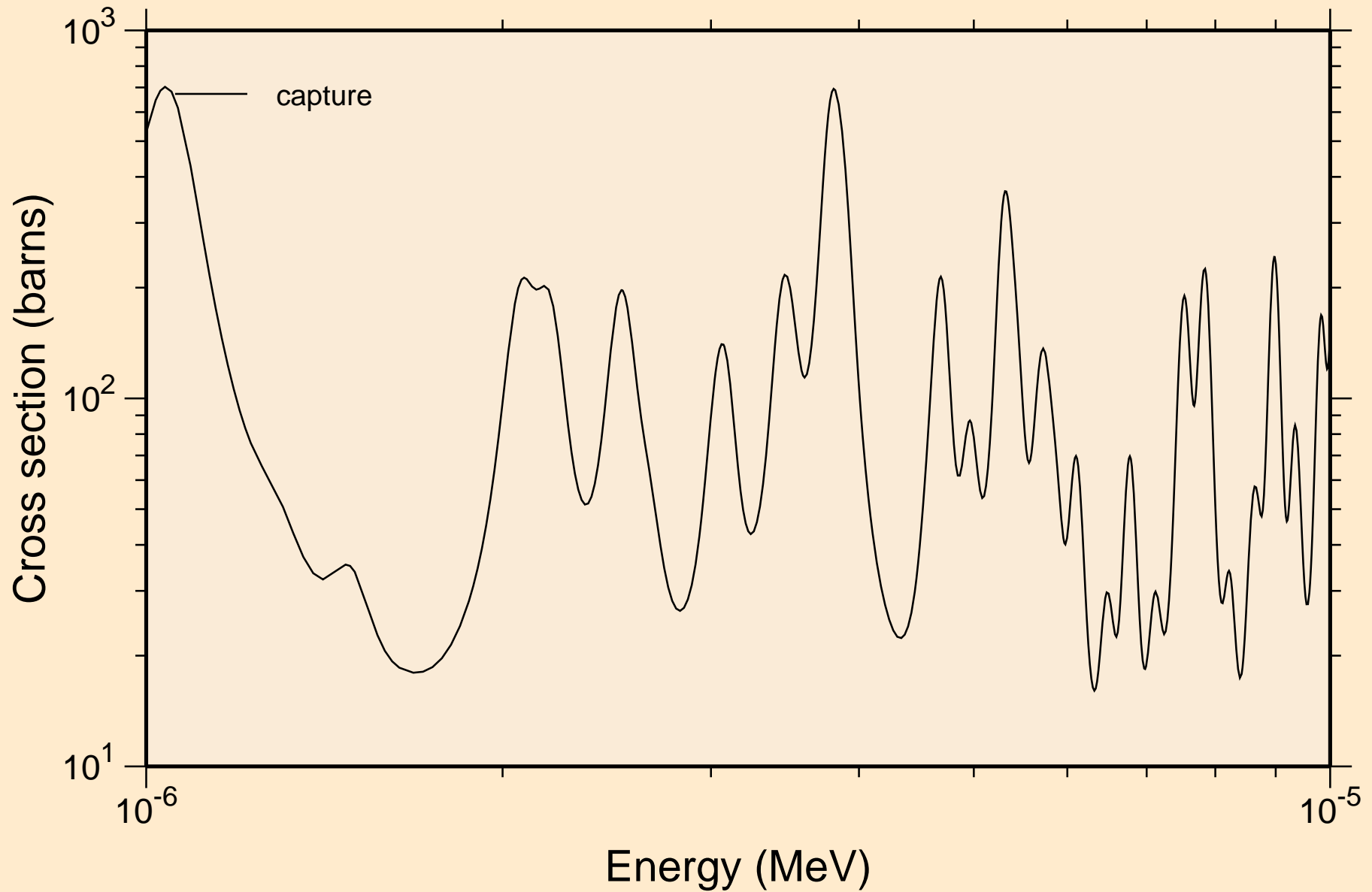
TA164 NRG TENDL-2015, AKONING  
resonance total cross section



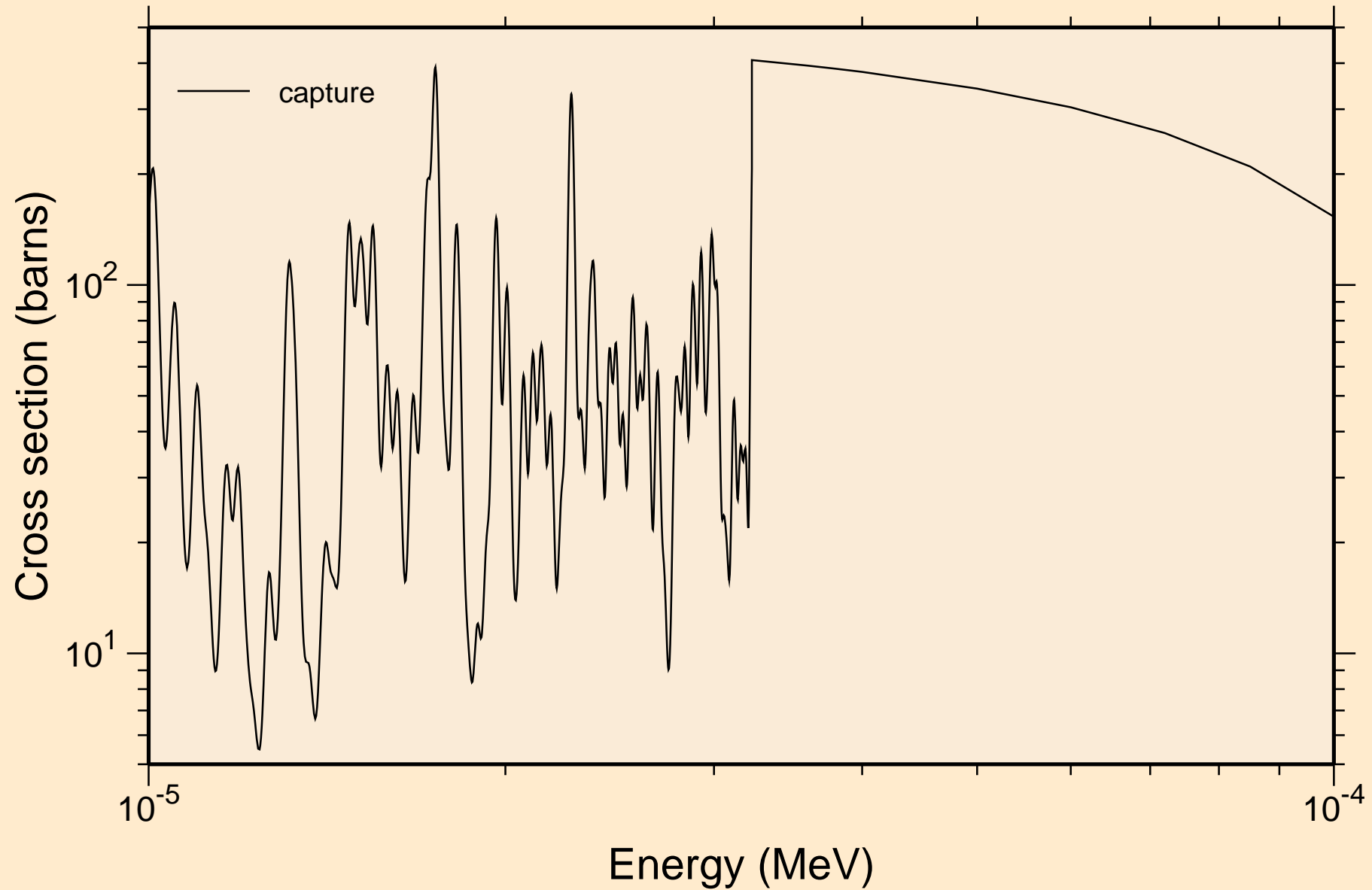
TA164 NRG TENDL-2015, AKONING  
resonance total cross section



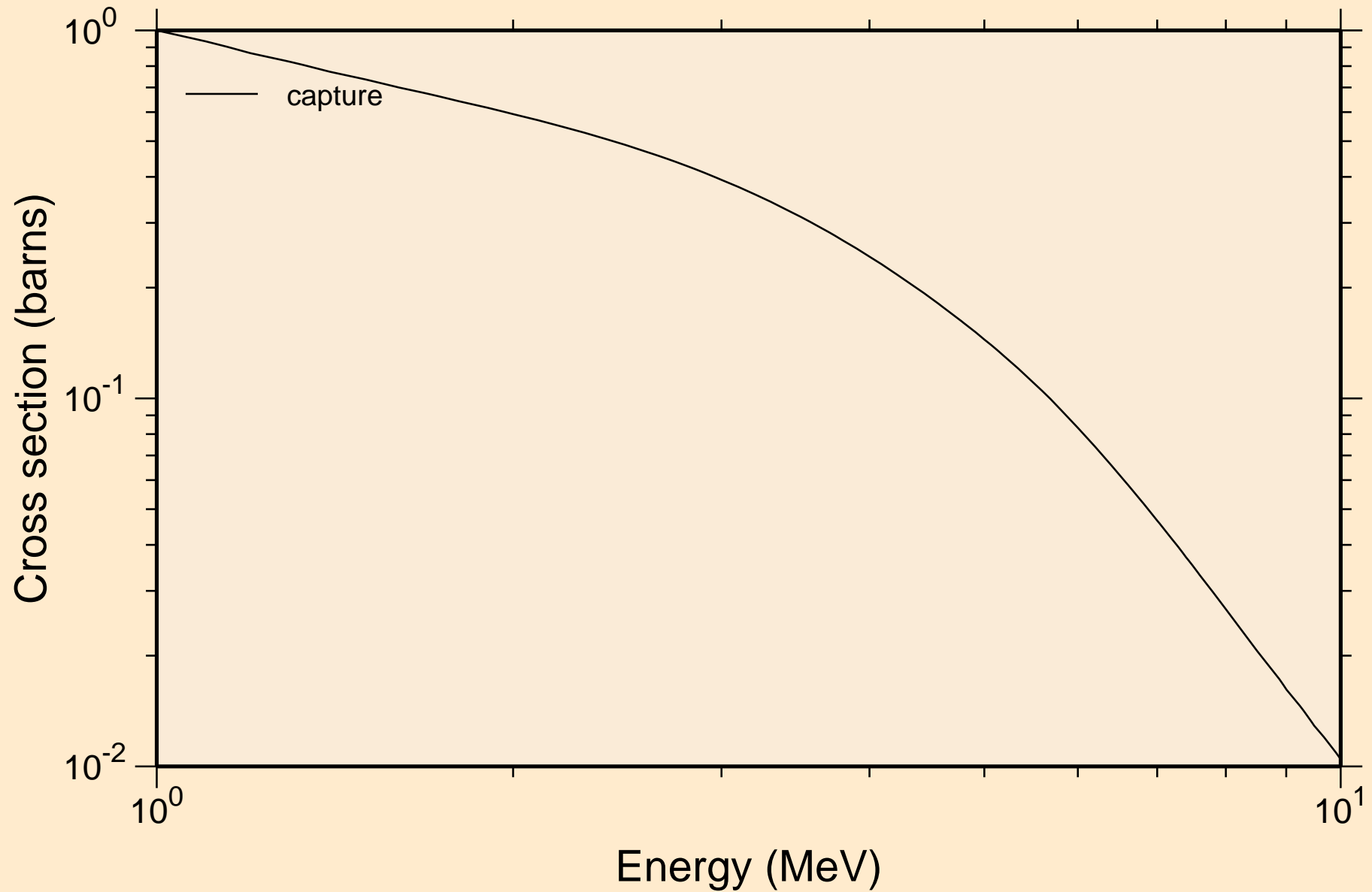
TA164 NRG TENDL-2015, AKONING  
resonance absorption cross sections



TA164 NRG TENDL-2015, AKONING  
resonance absorption cross sections

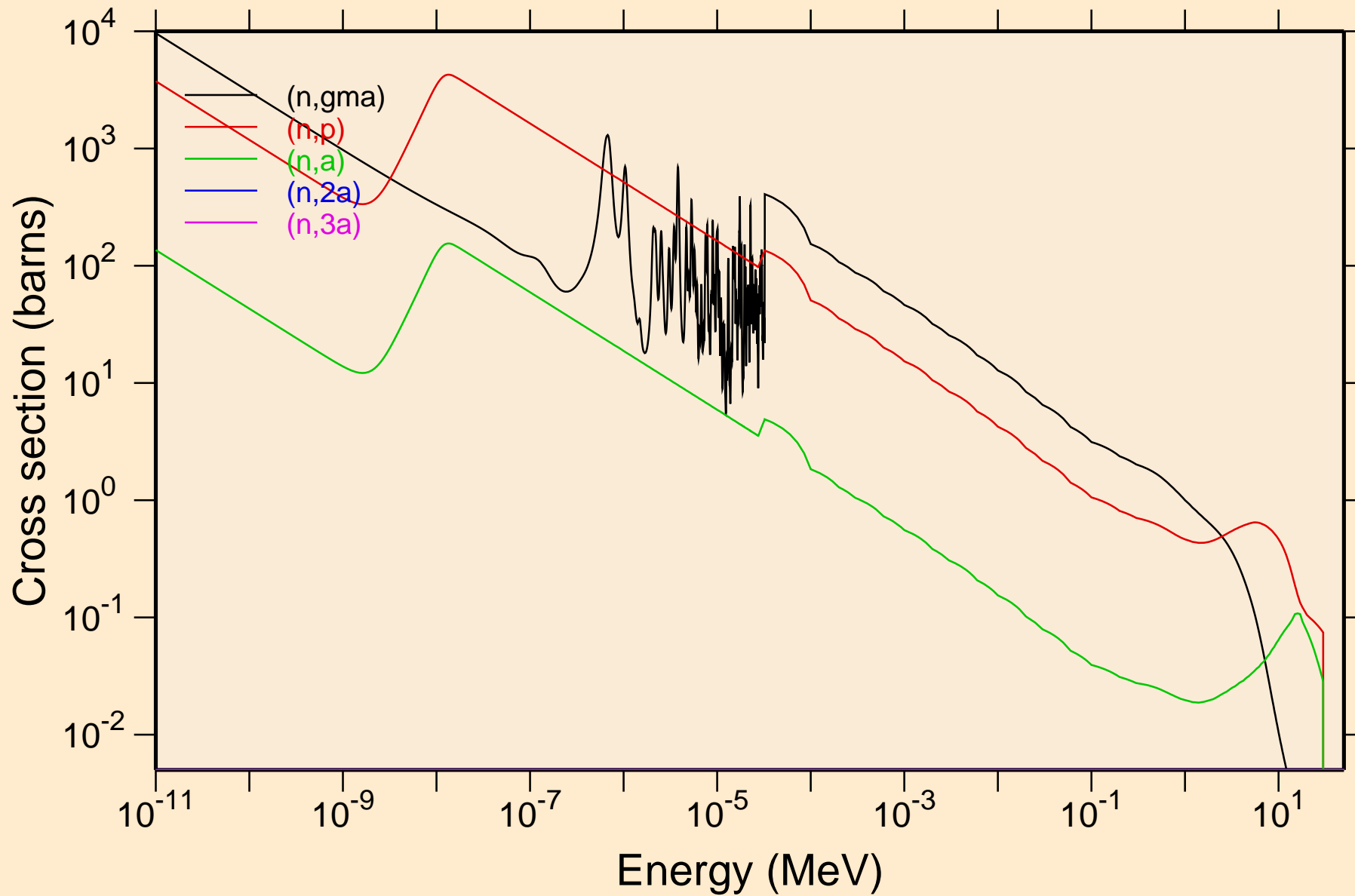


TA164 NRG TENDL-2015, AKONING  
resonance absorption cross sections



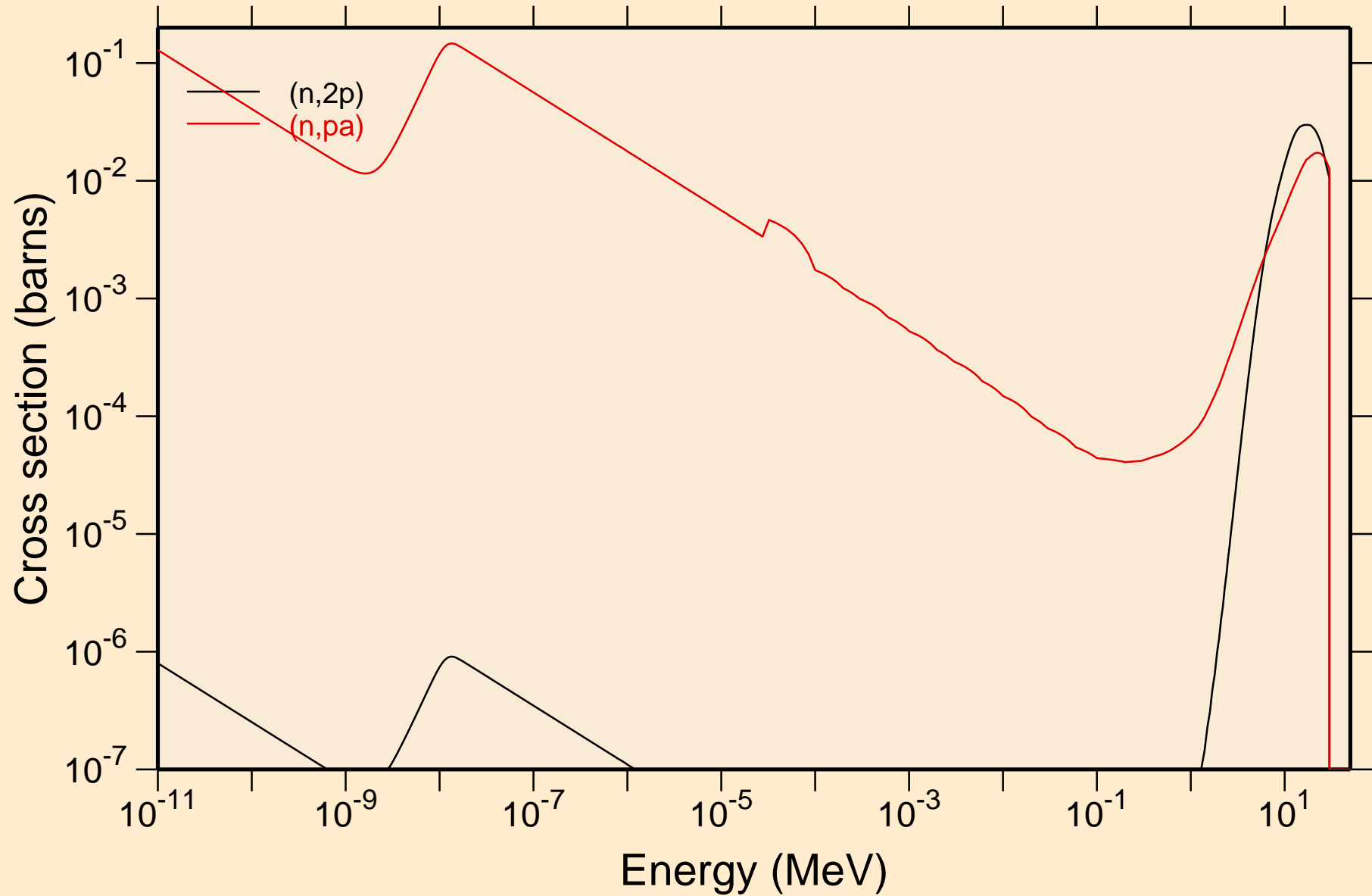
# TA164 NRG TENDL-2015, AKONING

## Non-threshold reactions



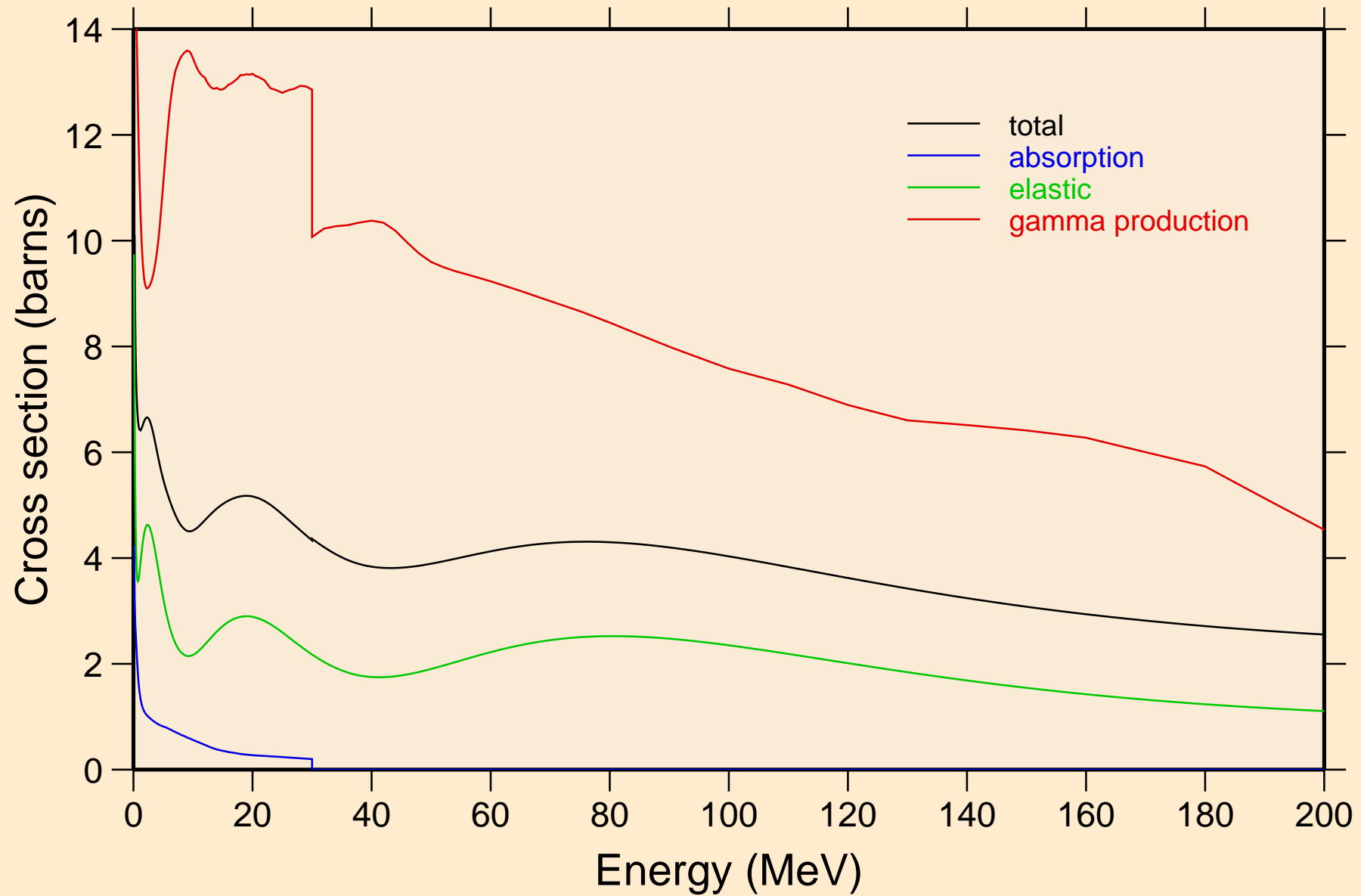


TA164 NRG TENDL-2015, AKONING  
Non-threshold reactions



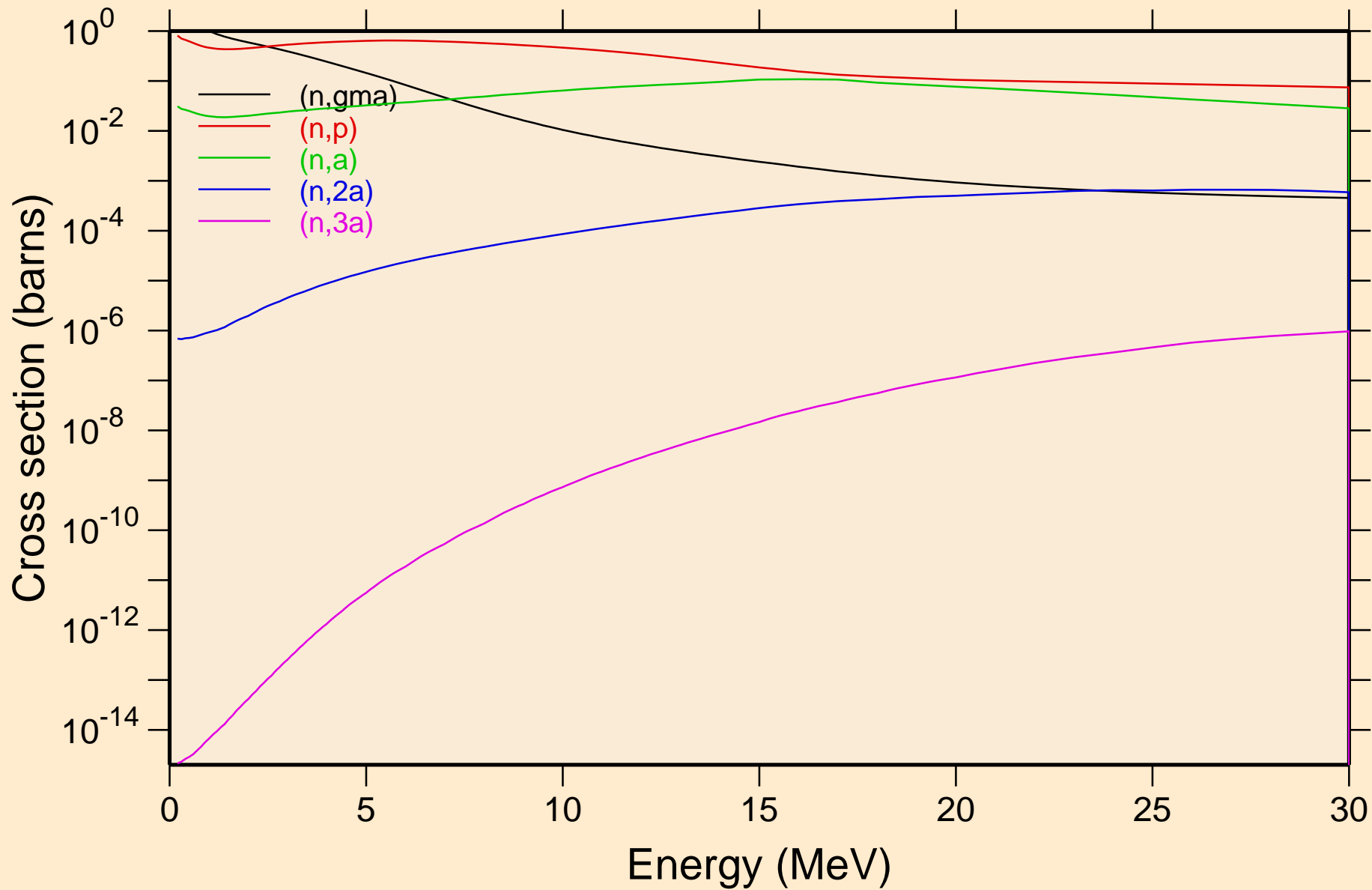
# TA164 NRG TENDL-2015, AKONING

## Principal cross sections

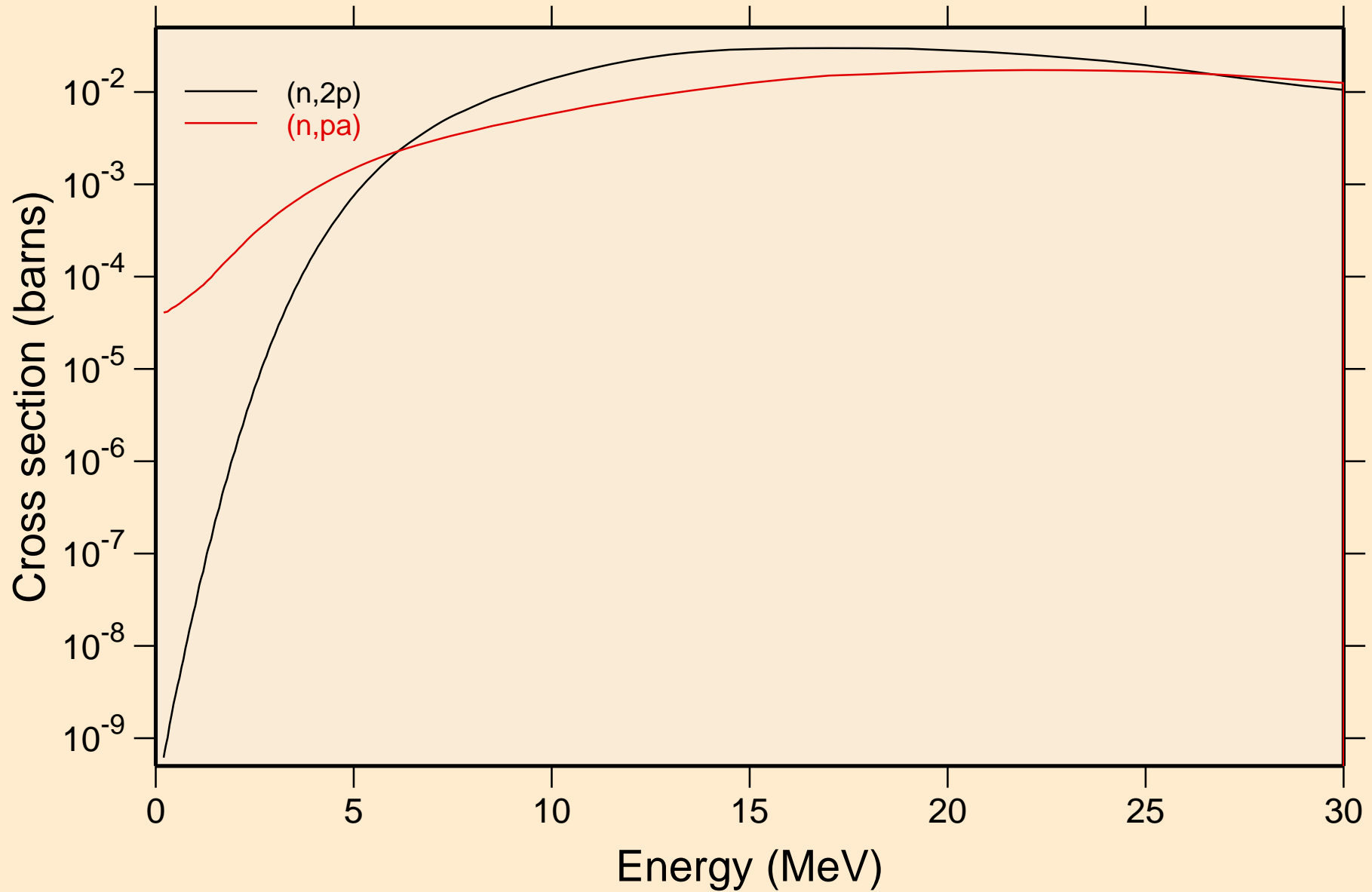


# TA164 NRG TENDL-2015, AKONING

## Non-threshold reactions

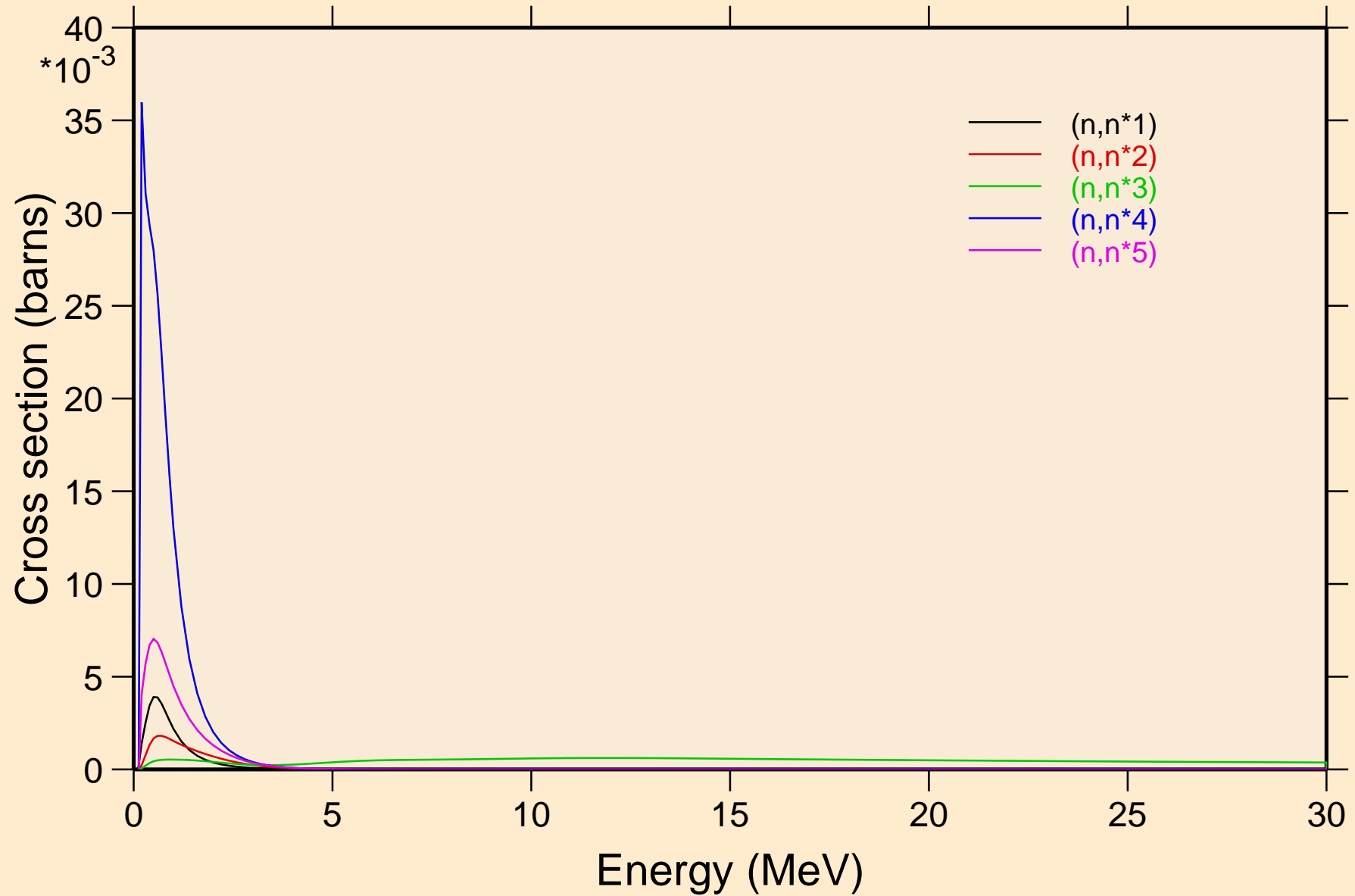


TA164 NRG TENDL-2015, AKONING  
Non-threshold reactions



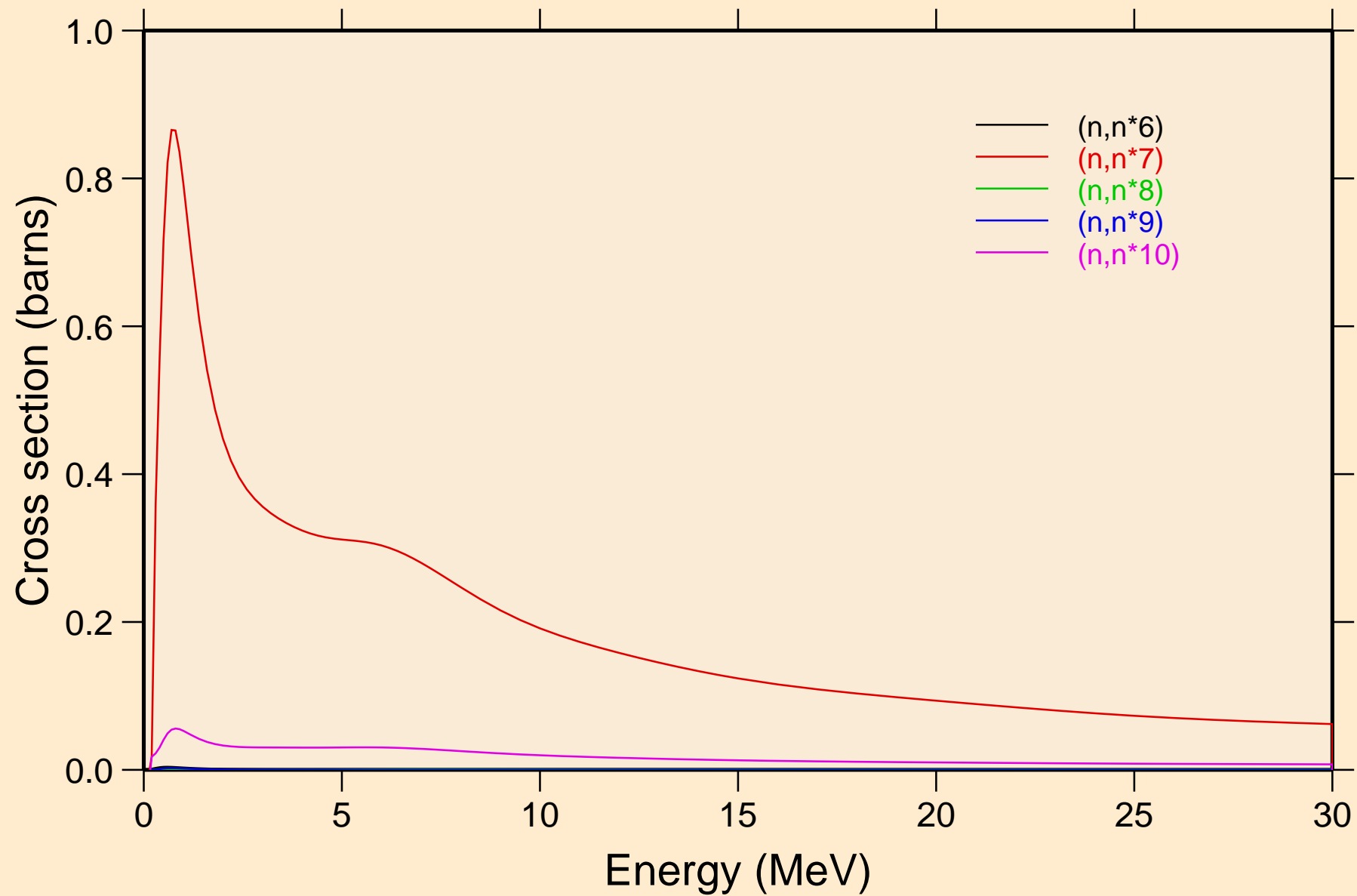
# TA164 NRG TENDL-2015, AKONING

## Inelastic levels



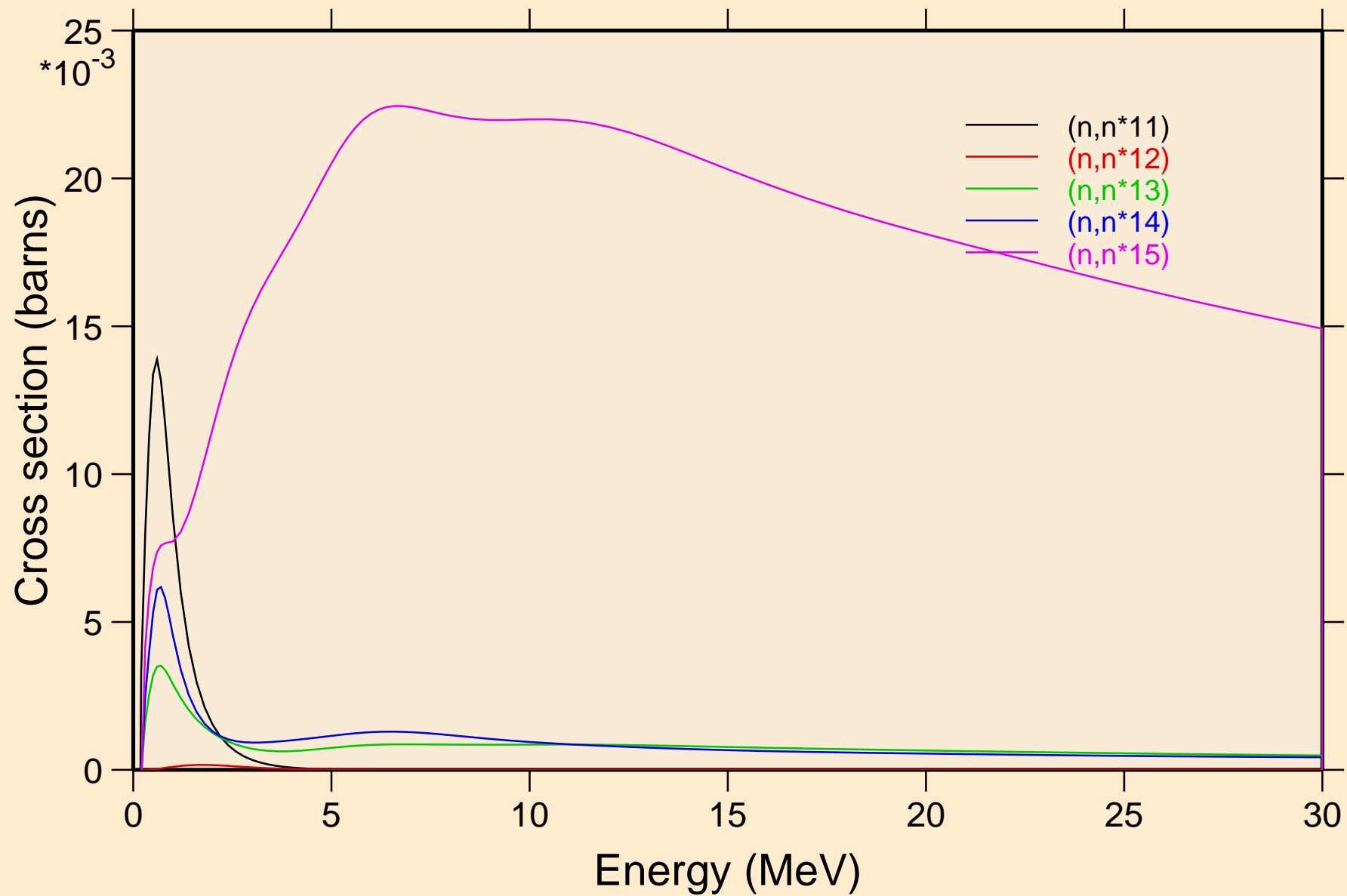
# TA164 NRG TENDL-2015, AKONING

## Inelastic levels



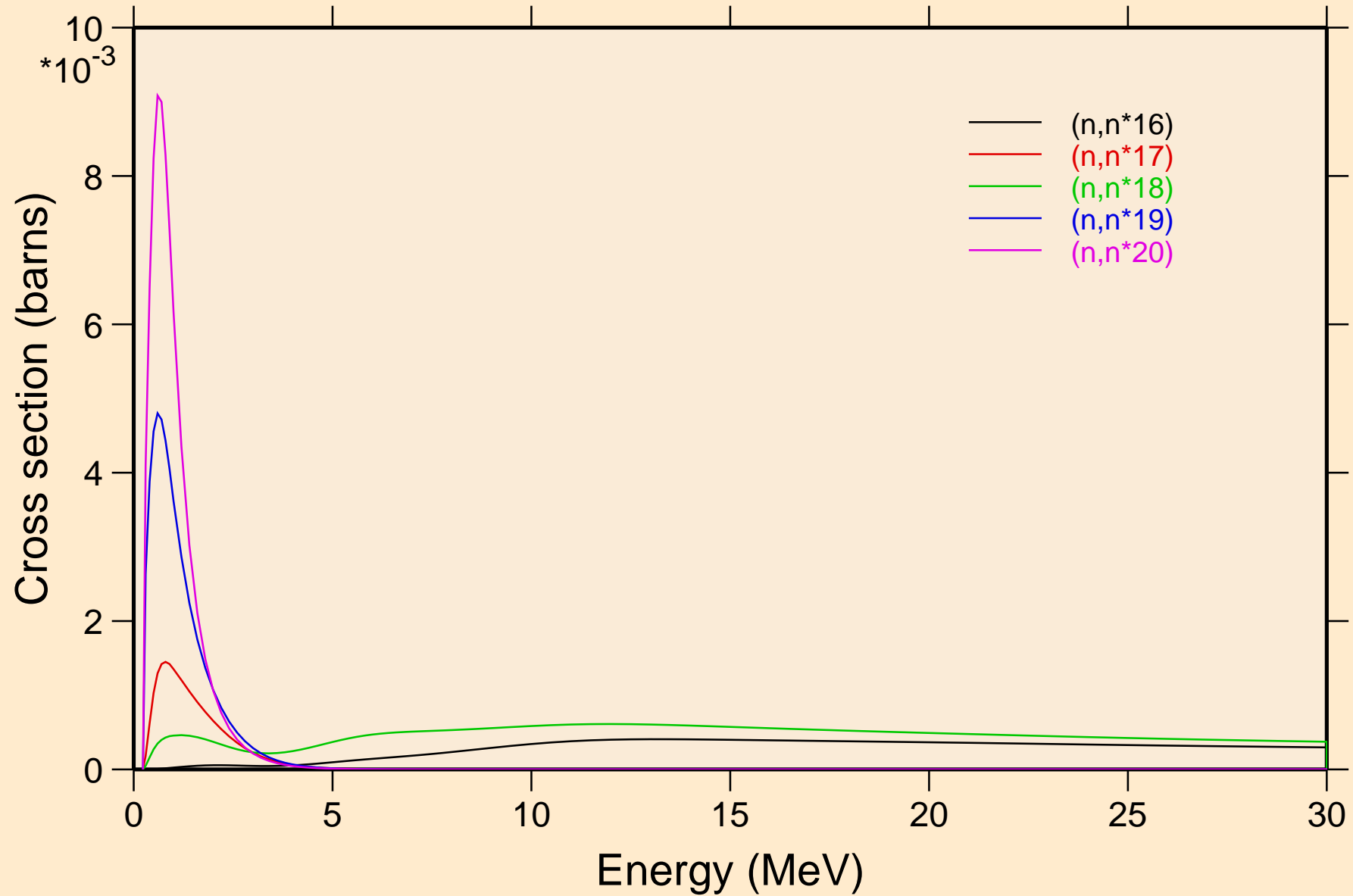
# TA164 NRG TENDL-2015, AKONING

## Inelastic levels



# TA164 NRG TENDL-2015, AKONING

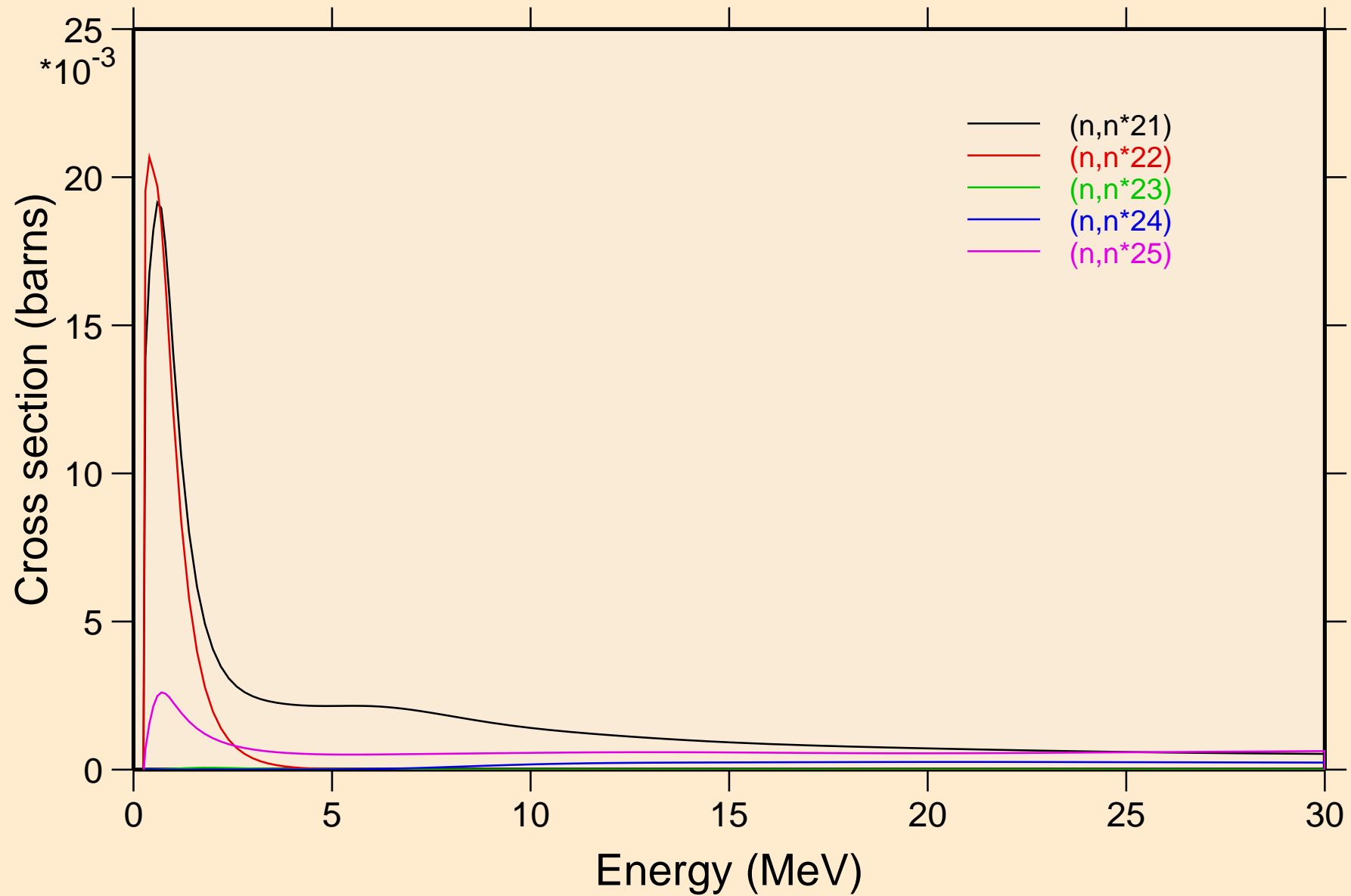
## Inelastic levels



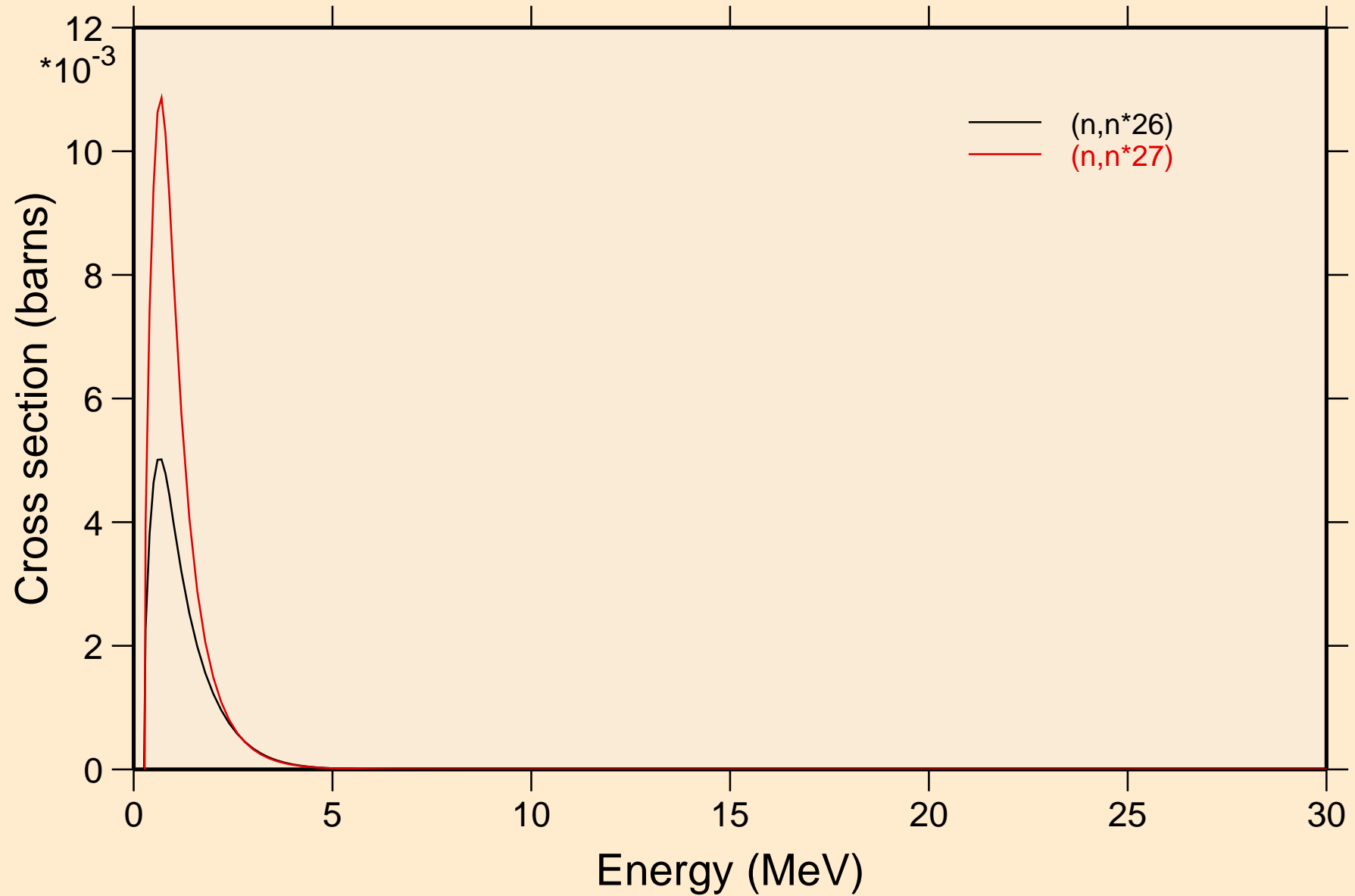


# TA164 NRG TENDL-2015, AKONING

## Inelastic levels

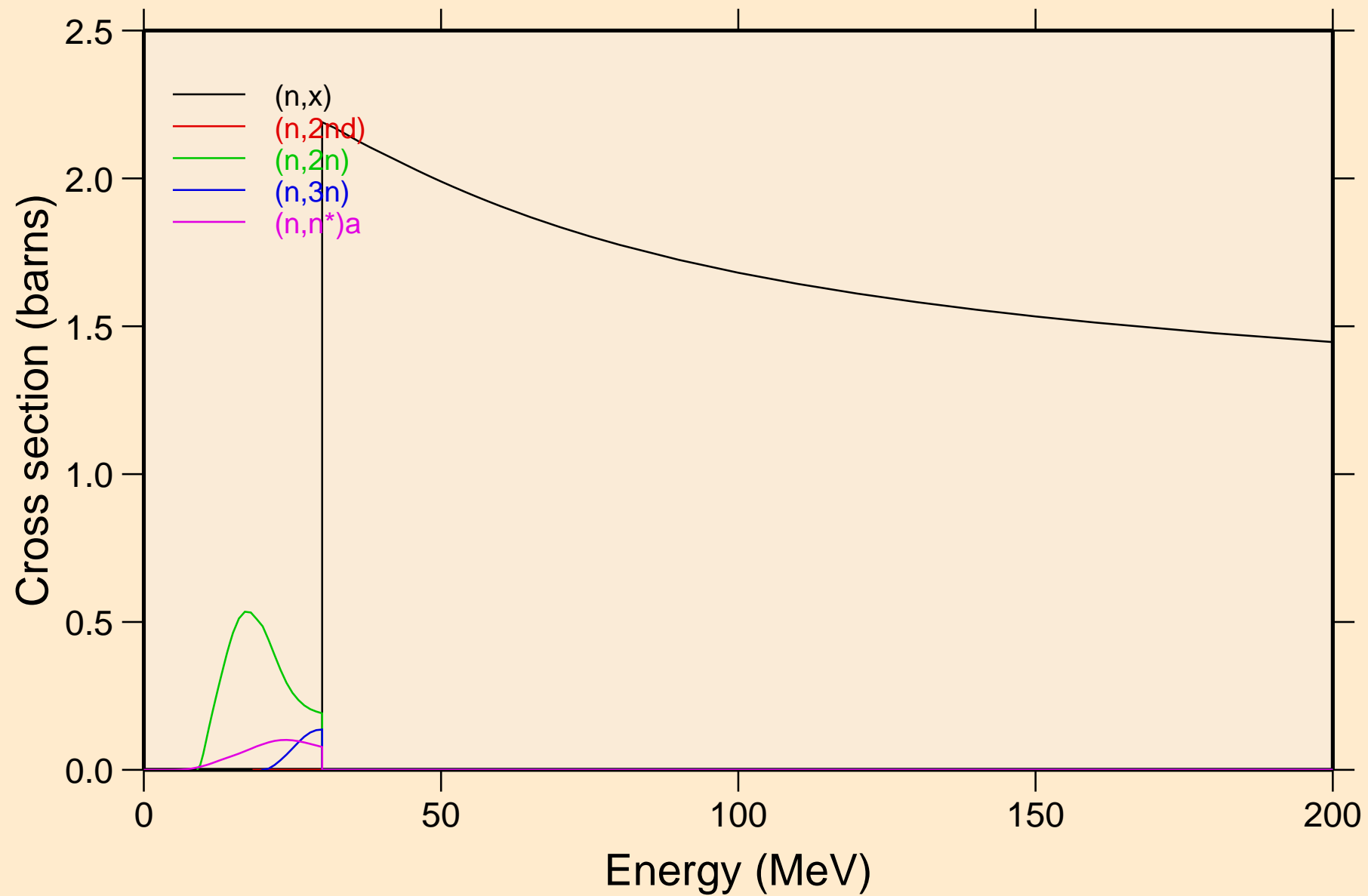


TA164 NRG TENDL-2015, AKONING  
Inelastic levels



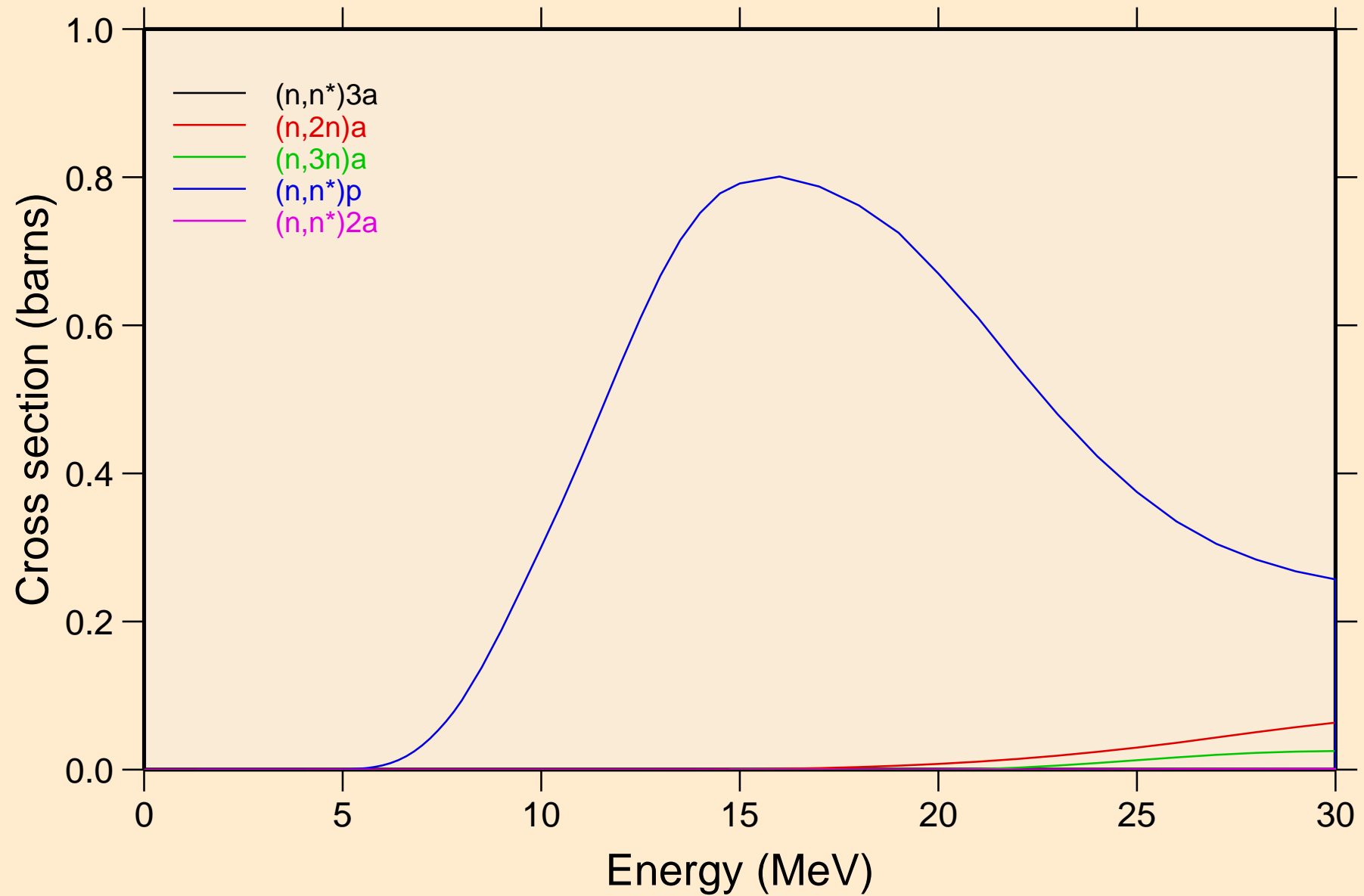
# TA164 NRG TENDL-2015, AKONING

## Threshold reactions



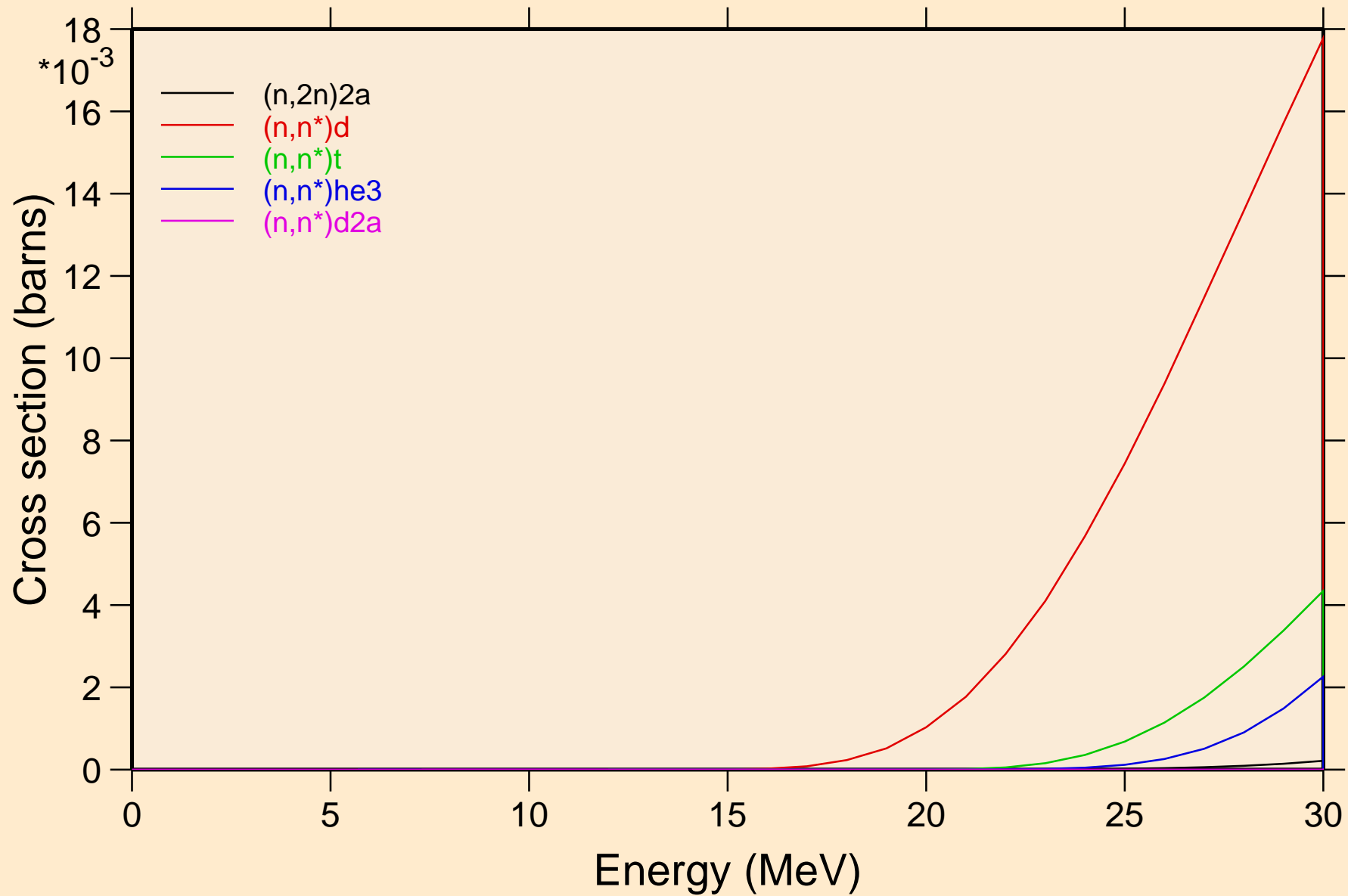
# TA164 NRG TENDL-2015, AKONING

## Threshold reactions



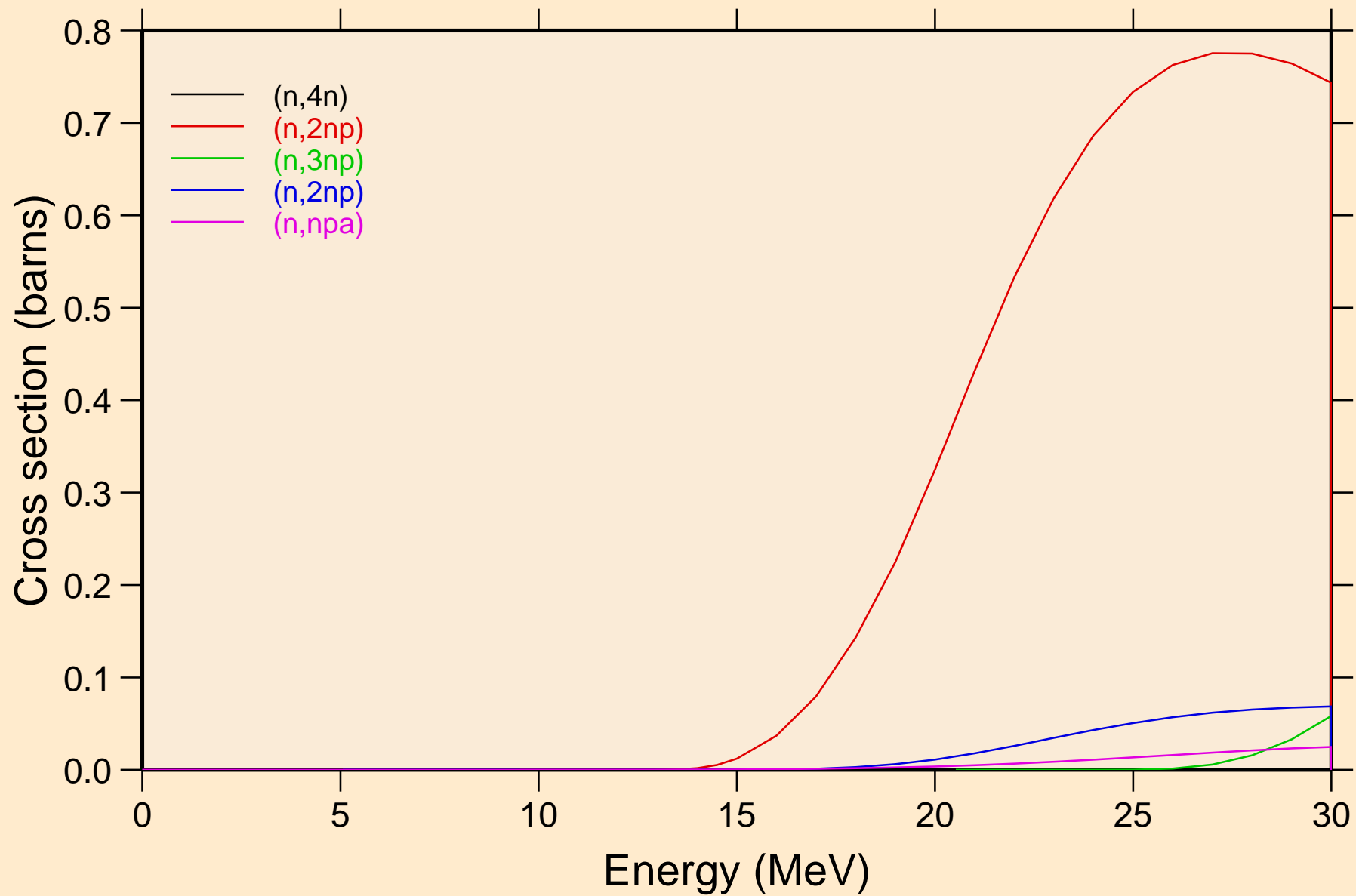
# TA164 NRG TENDL-2015, AKONING

## Threshold reactions



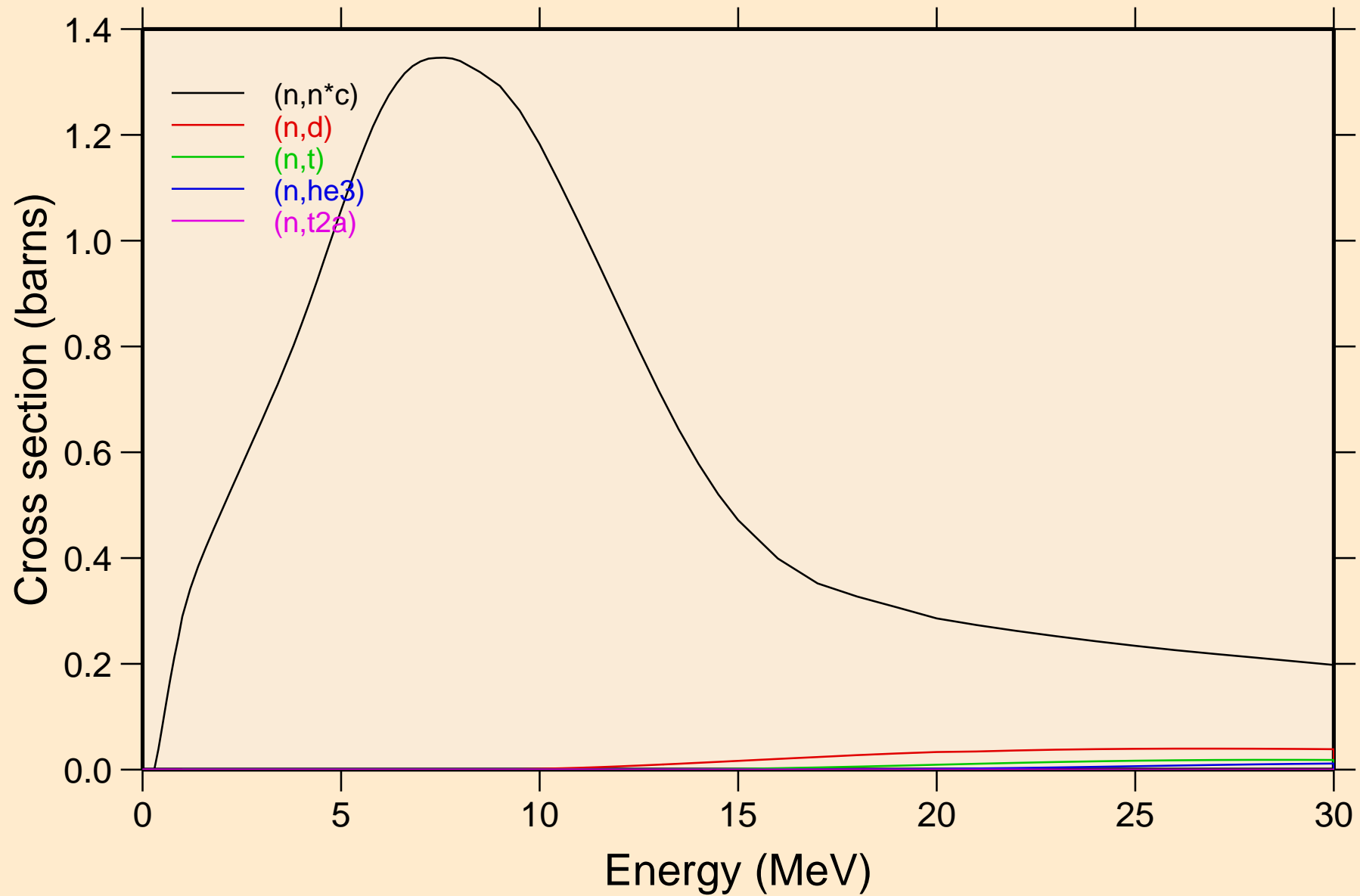
# TA164 NRG TENDL-2015, AKONING

## Threshold reactions



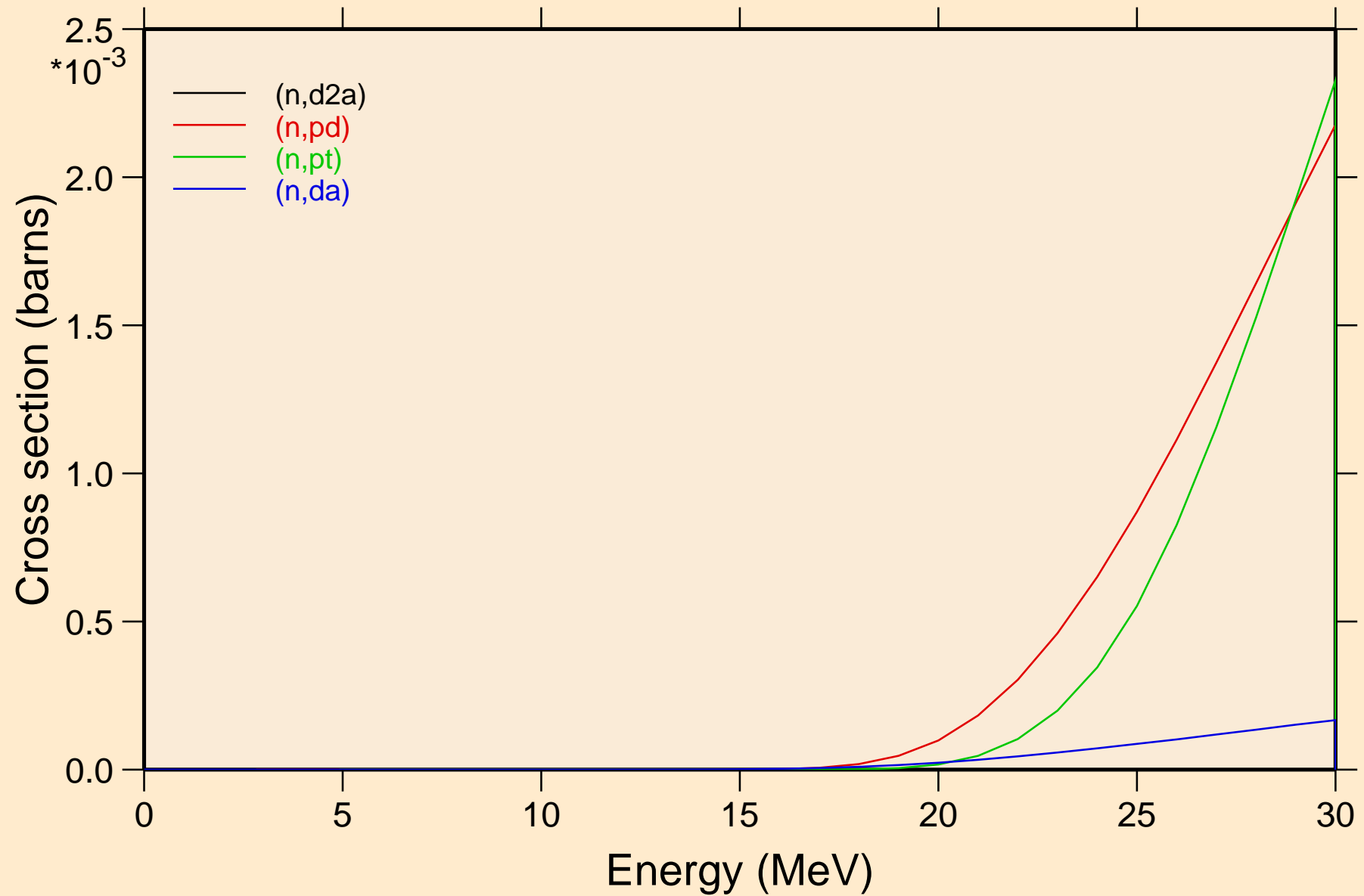
# TA164 NRG TENDL-2015, AKONING

## Threshold reactions



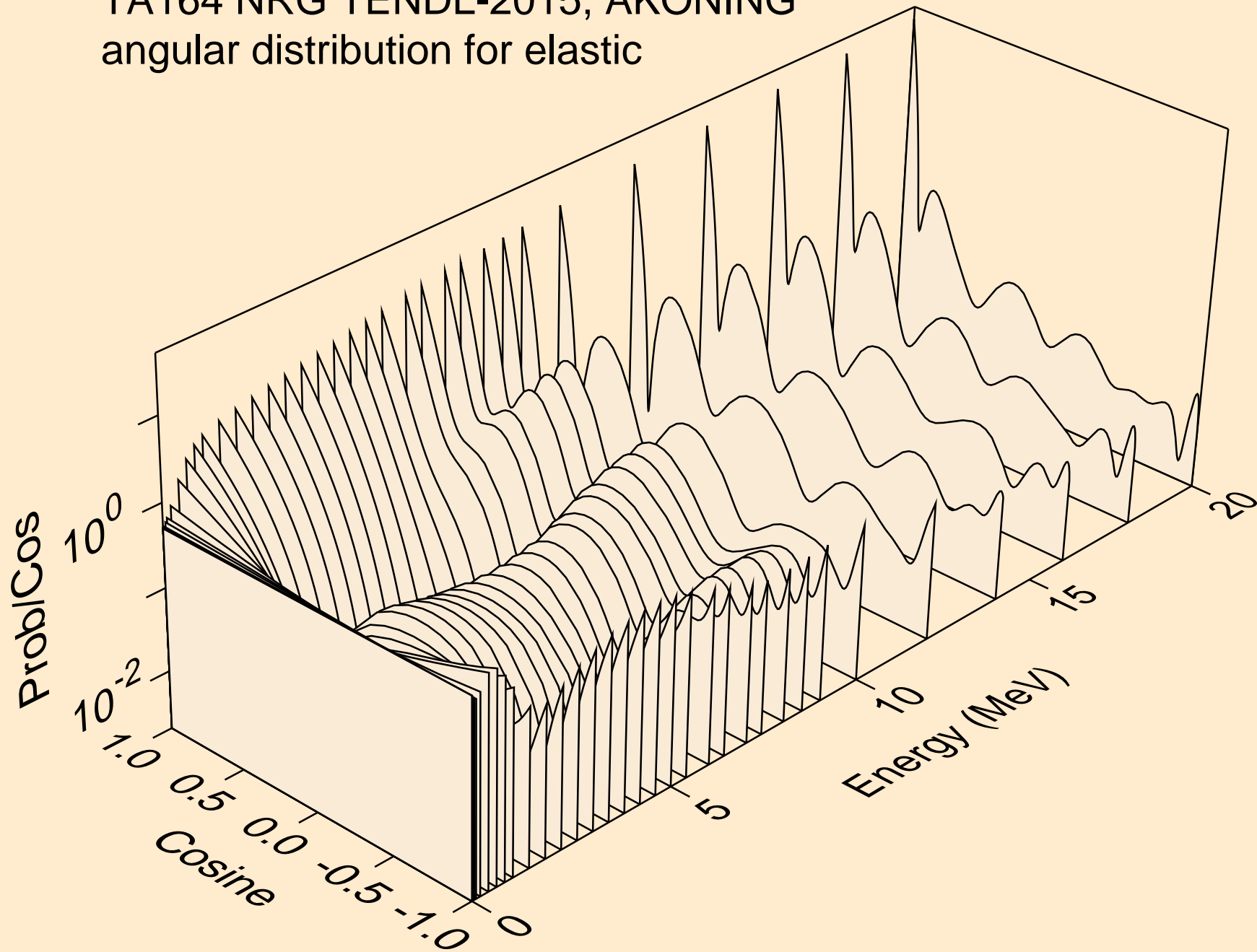
# TA164 NRG TENDL-2015, AKONING

## Threshold reactions

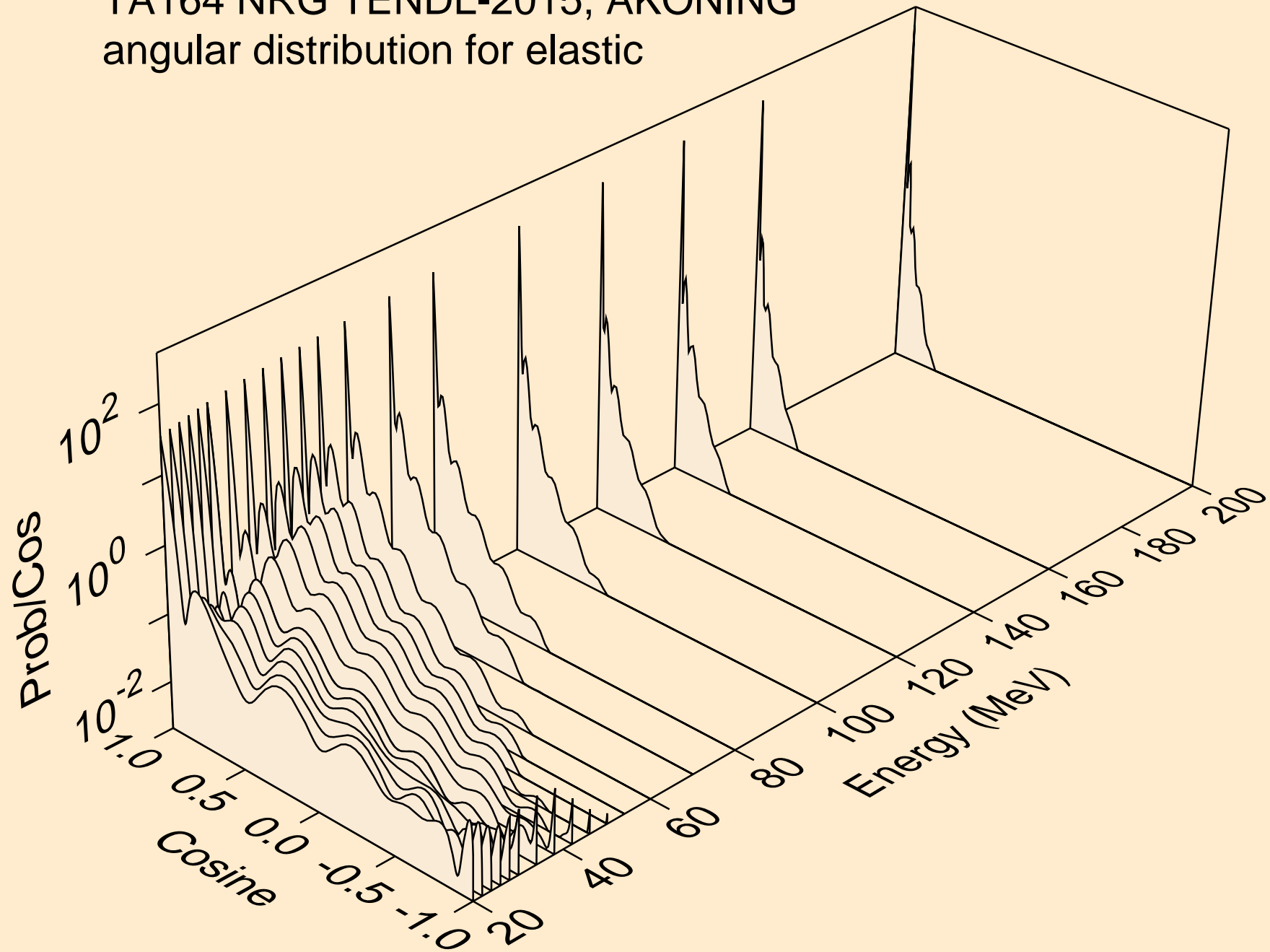




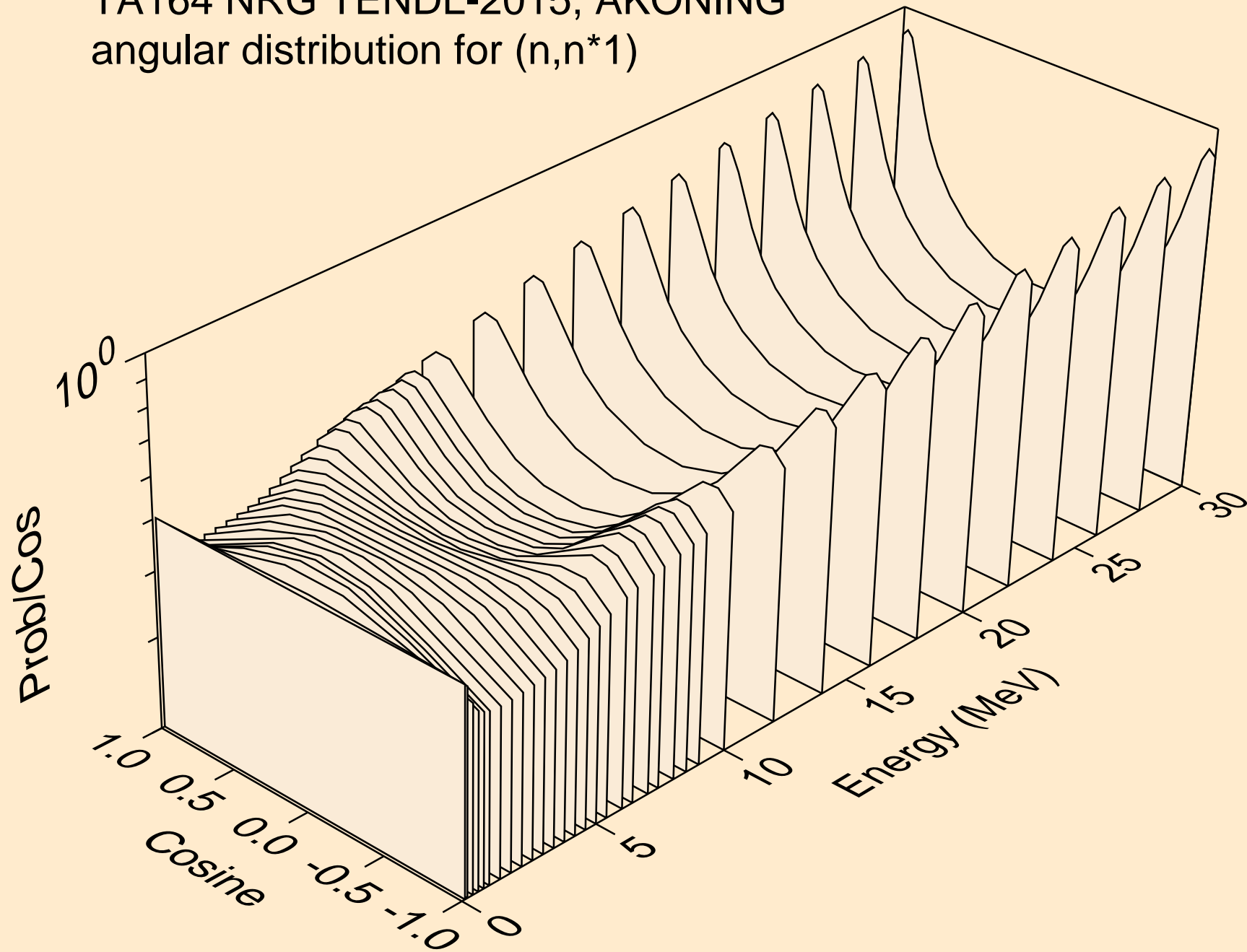
TA164 NRG TENDL-2015, AKONING  
angular distribution for elastic



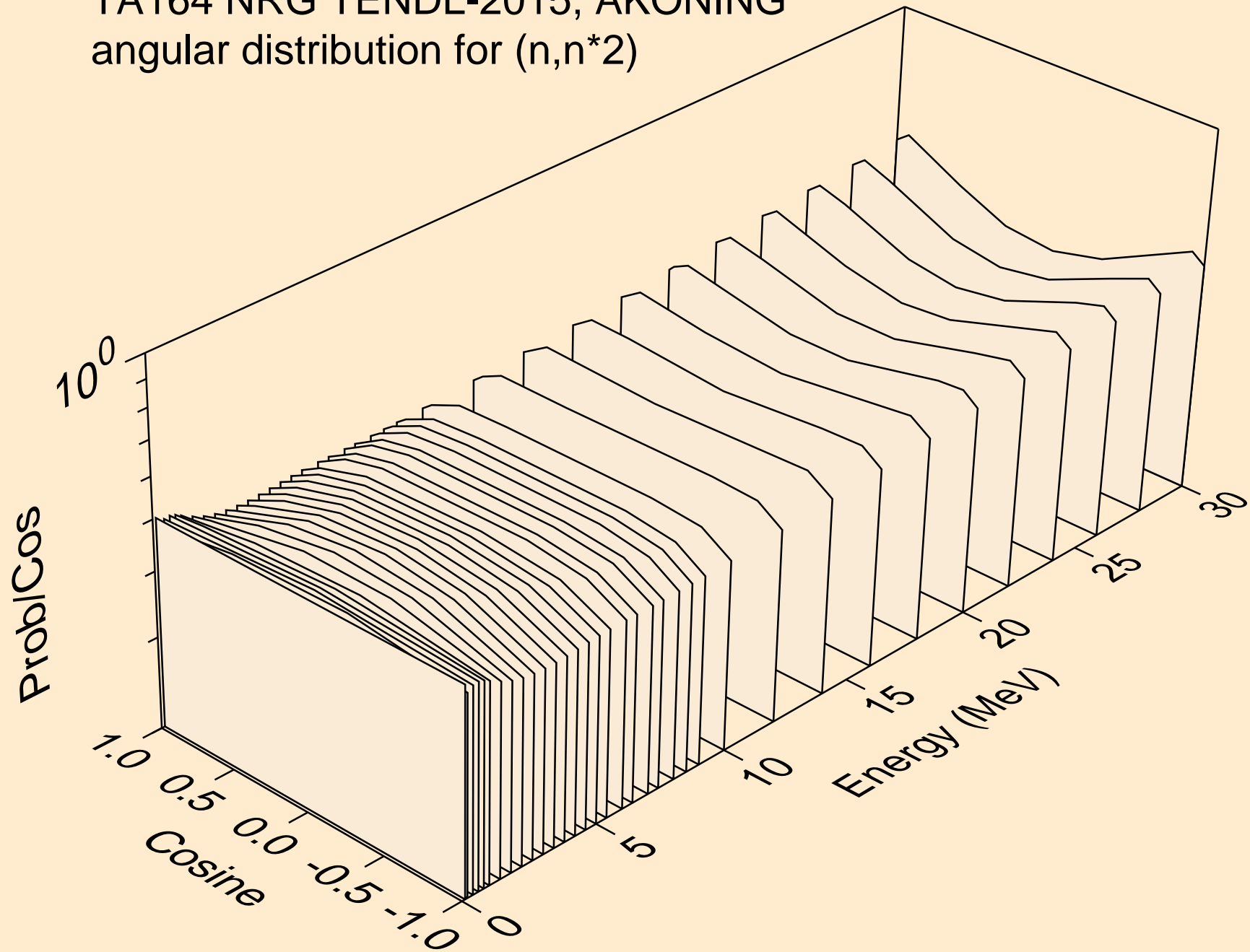
TA164 NRG TENDL-2015, AKONING  
angular distribution for elastic



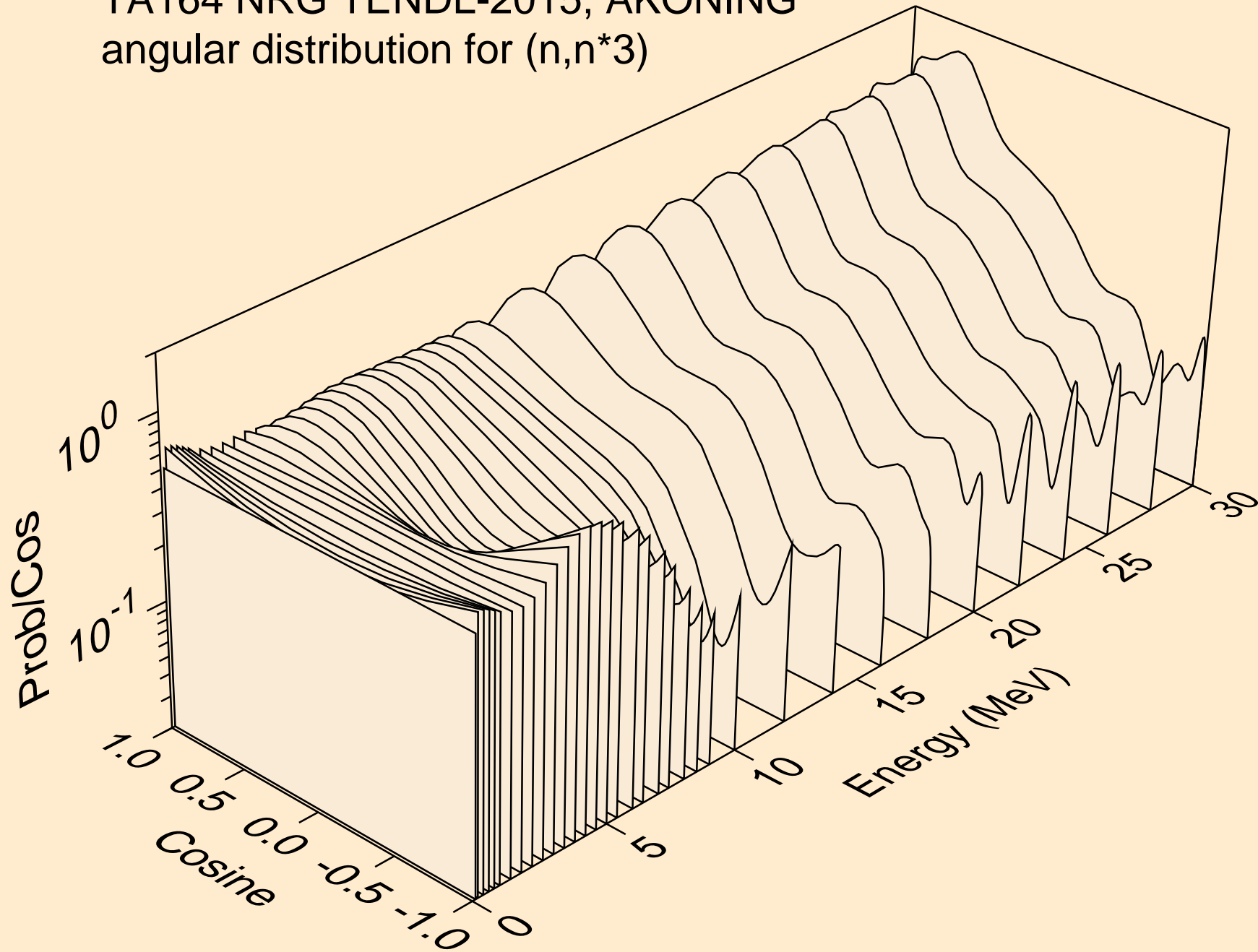
TA164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



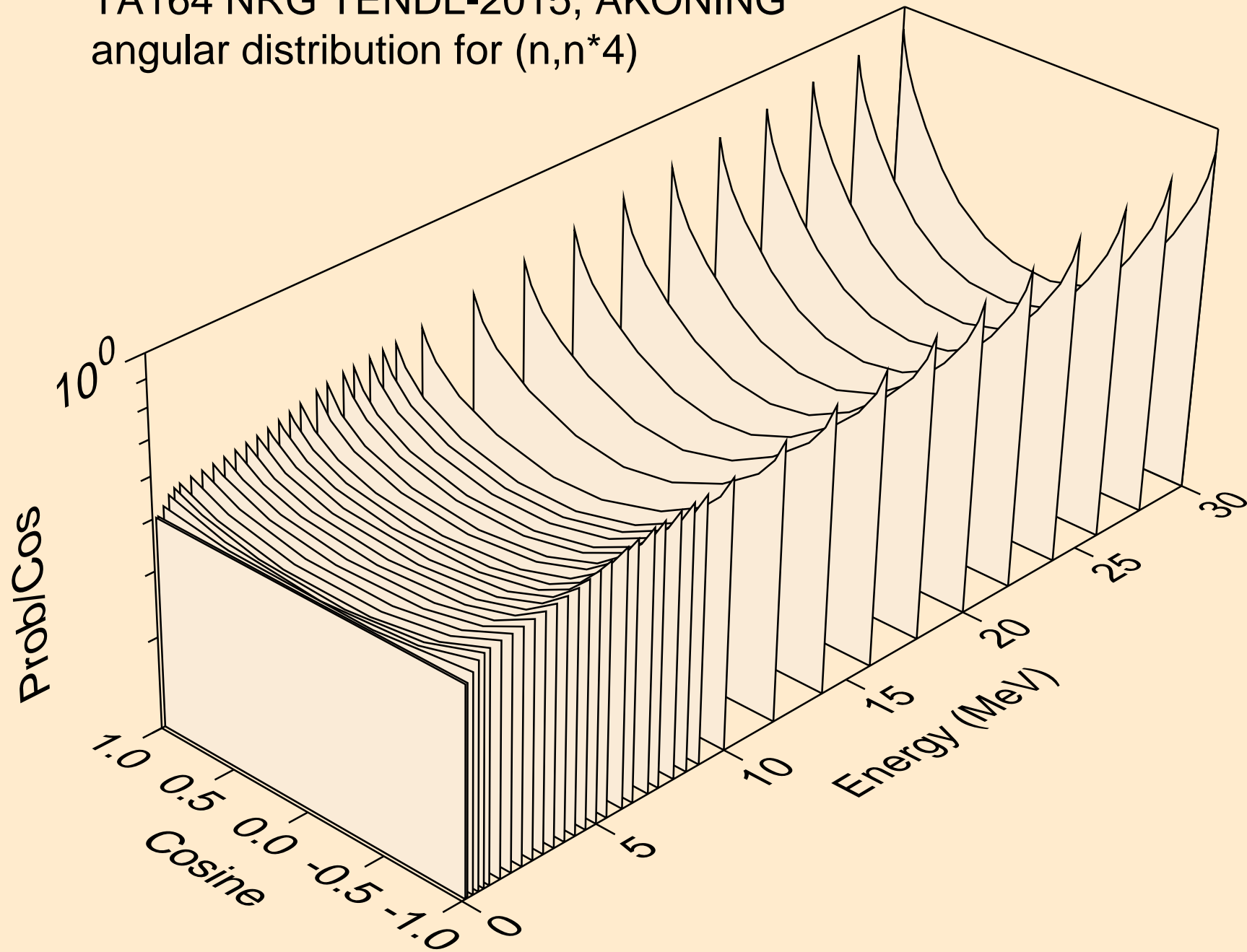
TA164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



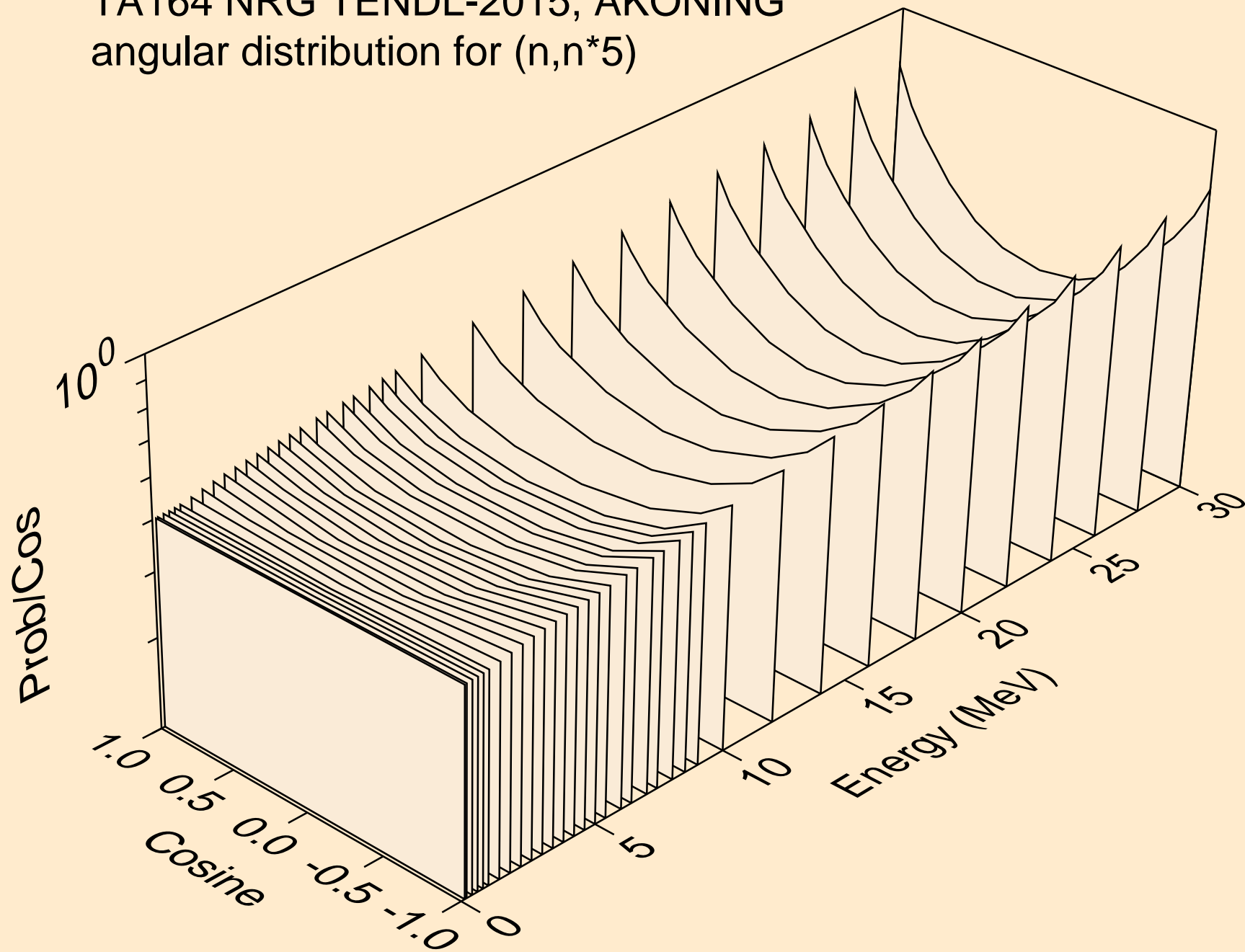
TA164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



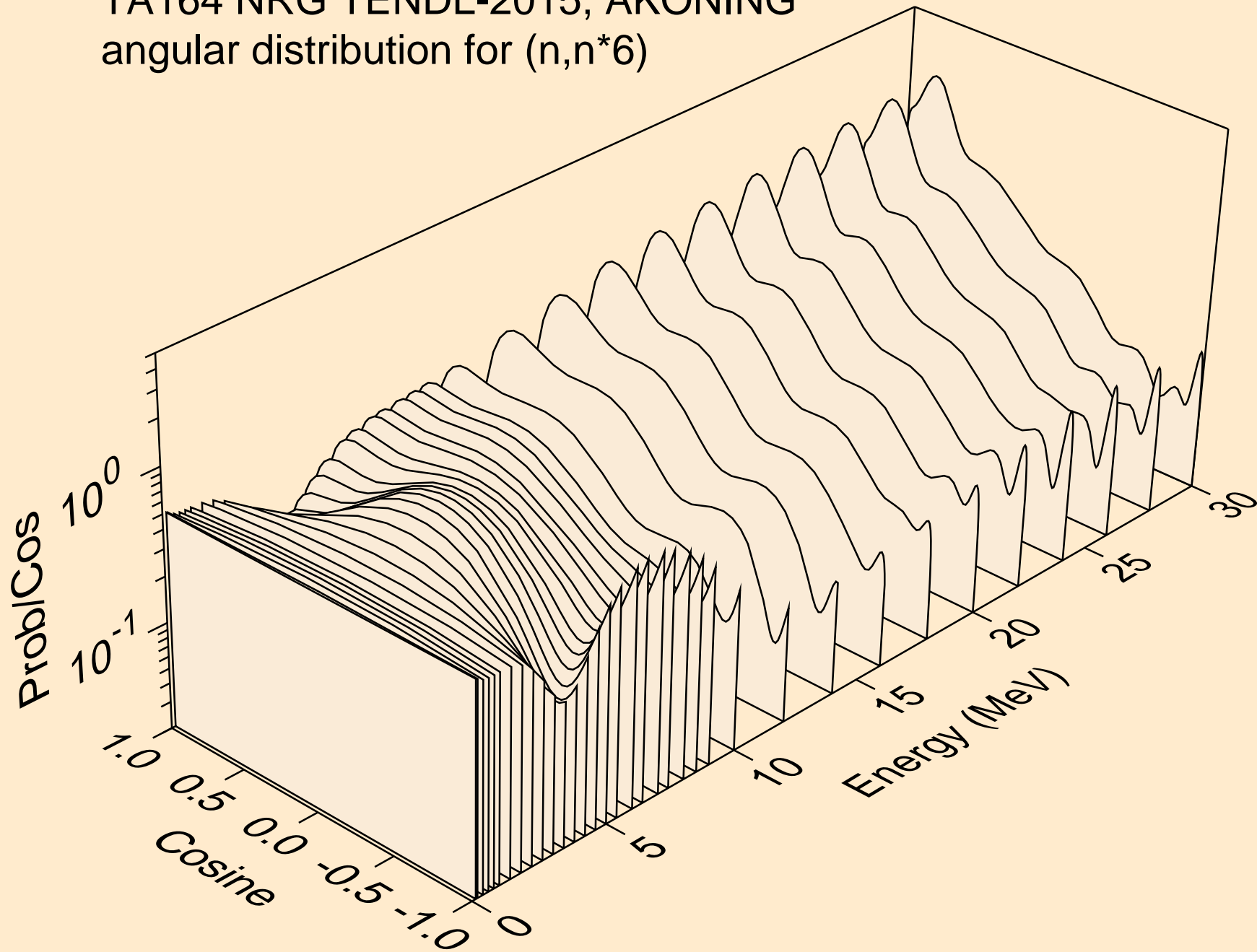
TA164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



TA164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

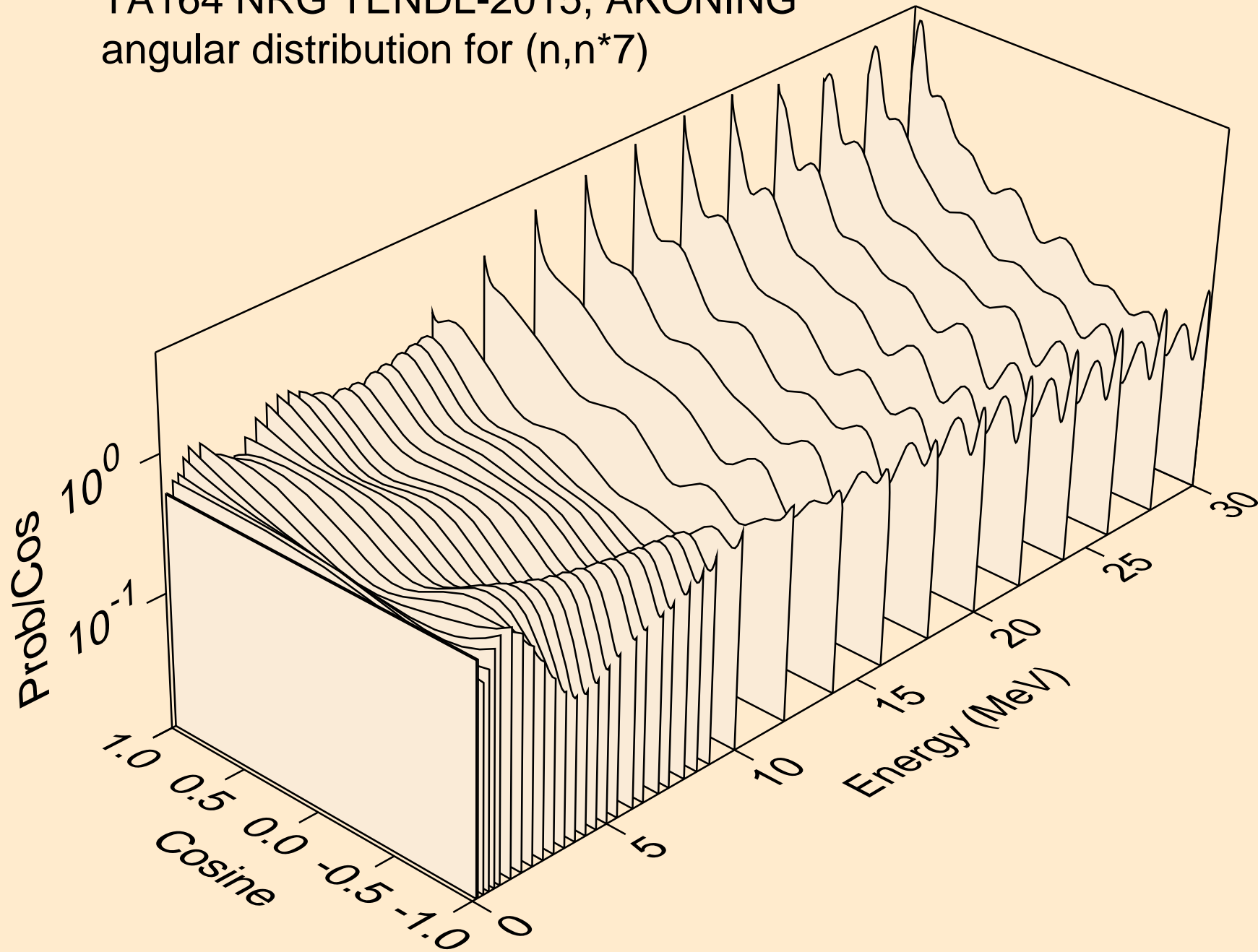


TA164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

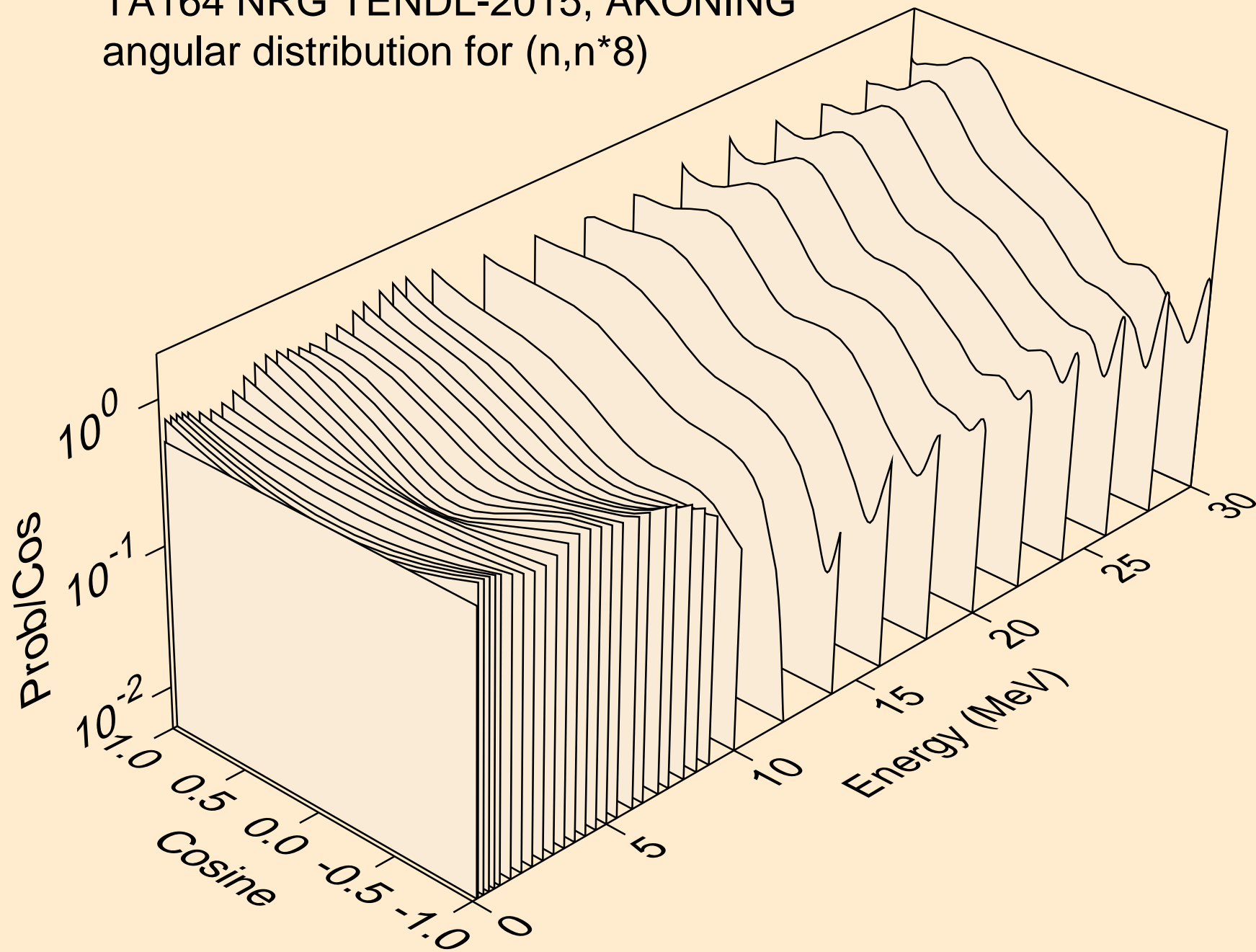




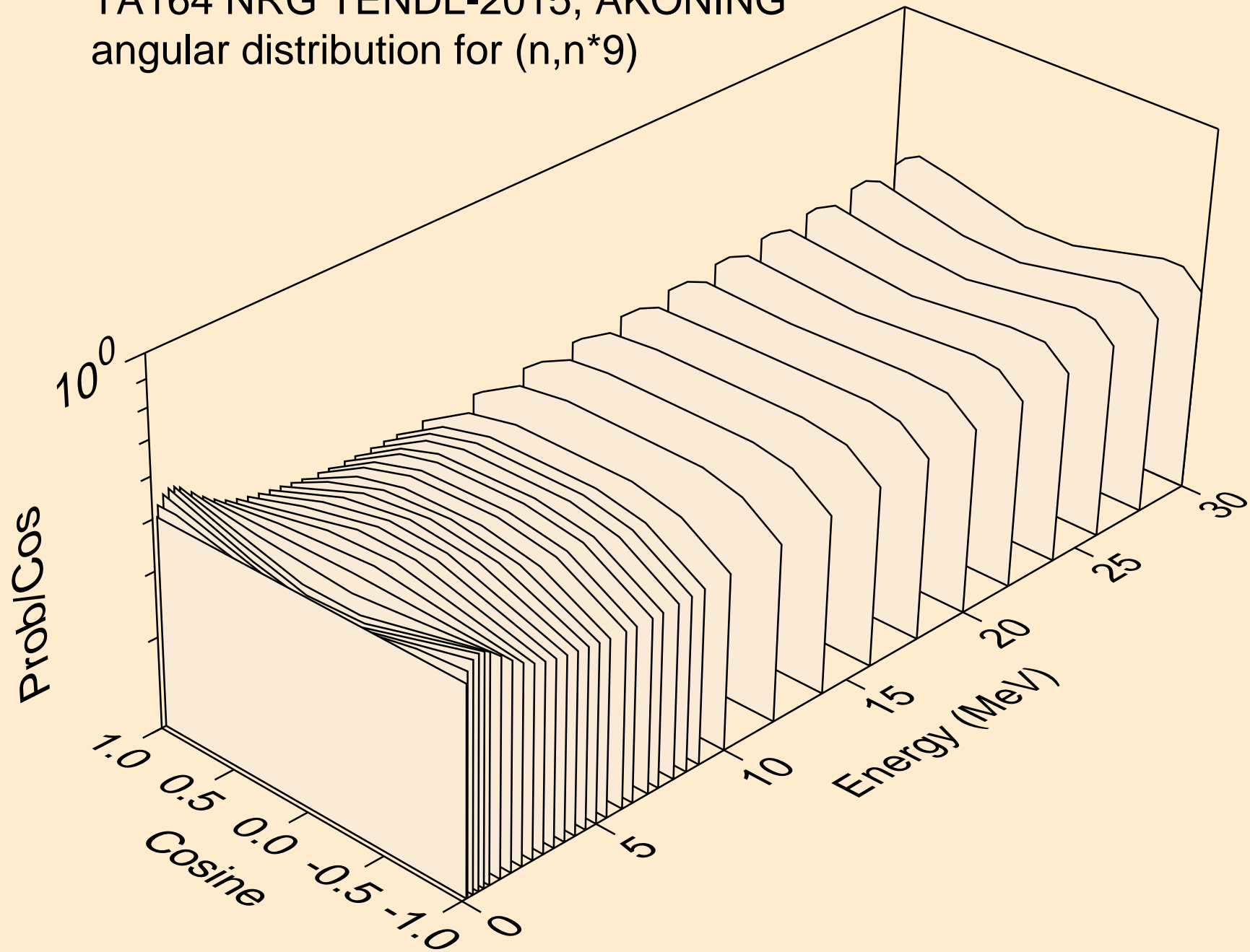
TA164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



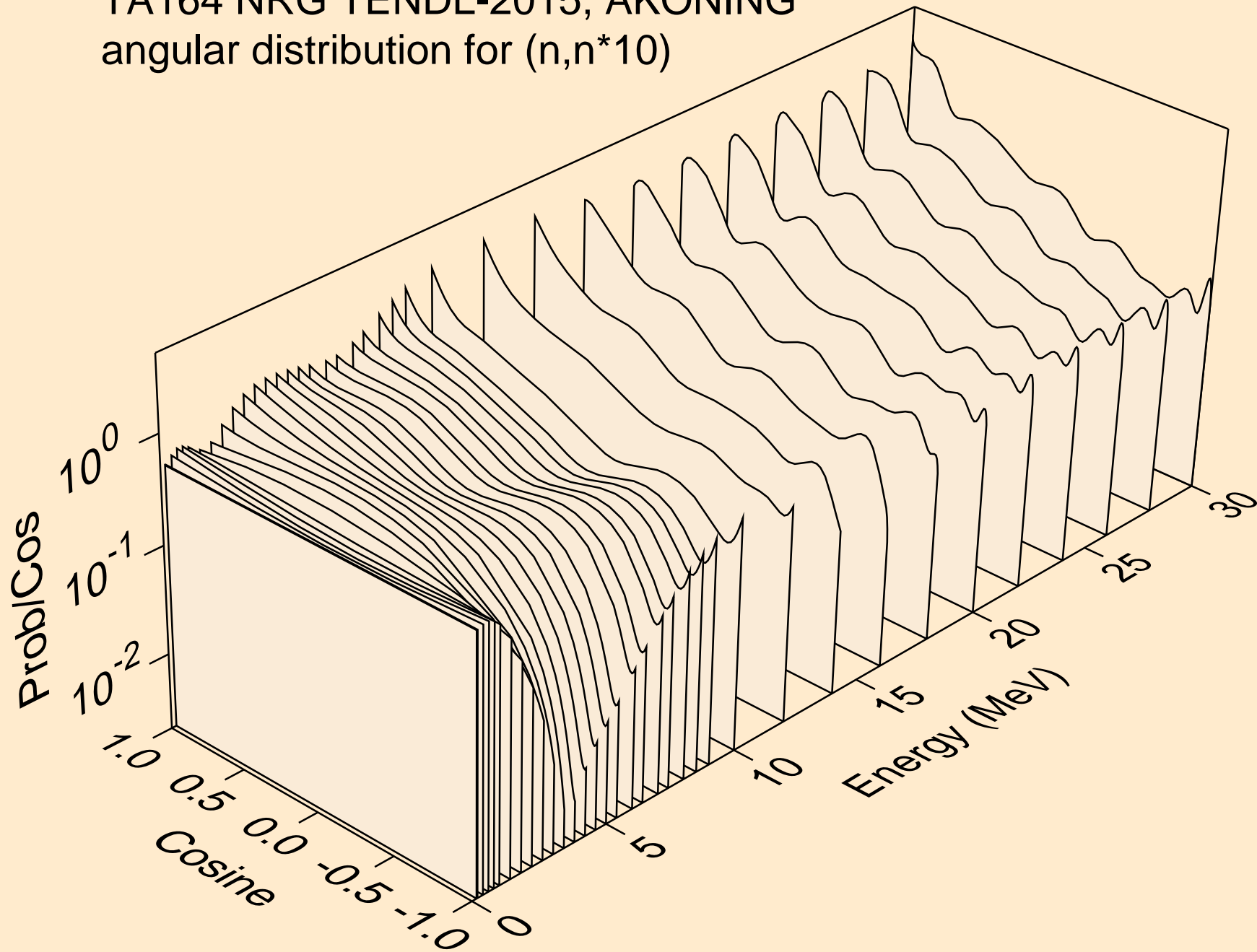
TA164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



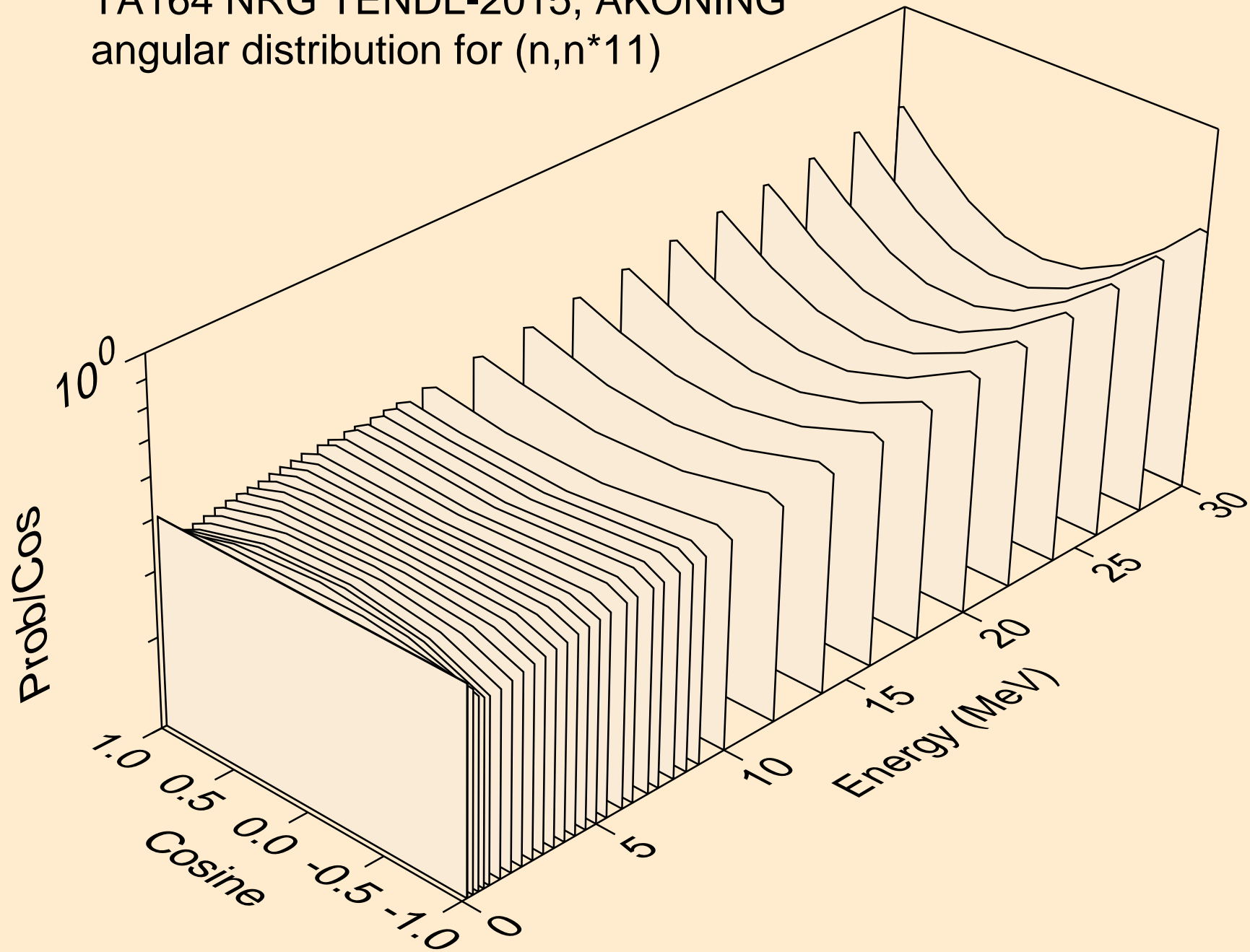
TA164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



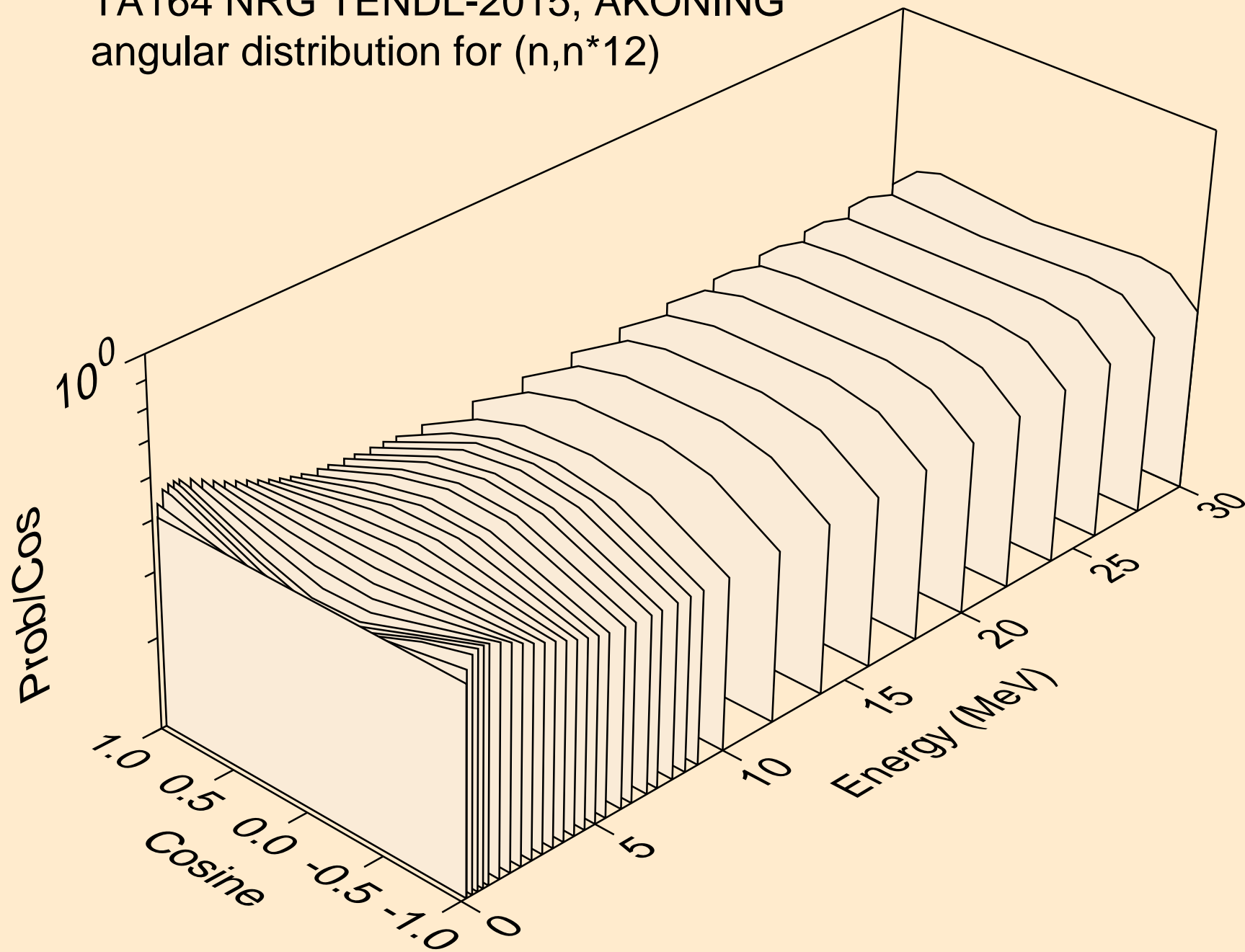
TA164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



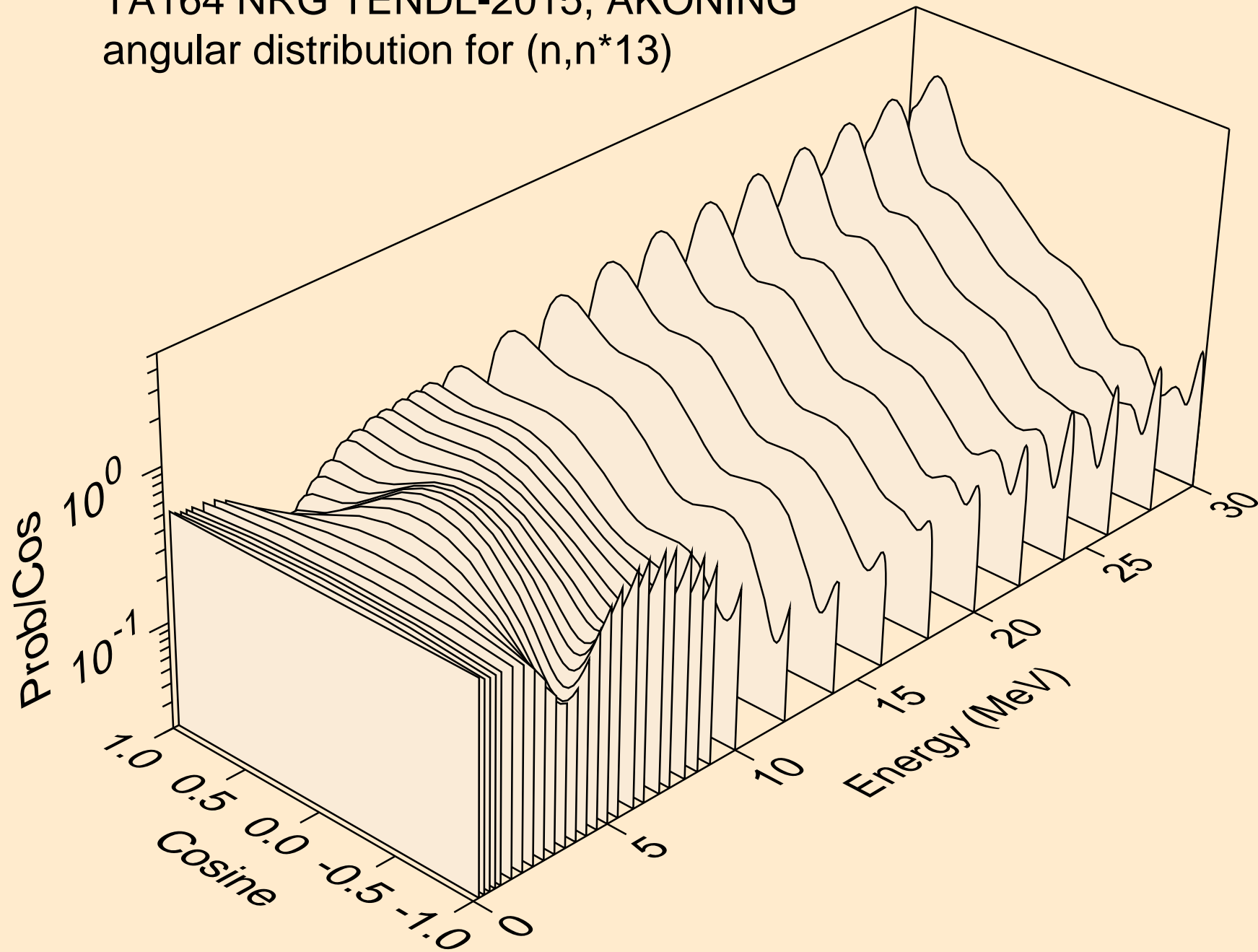
TA164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



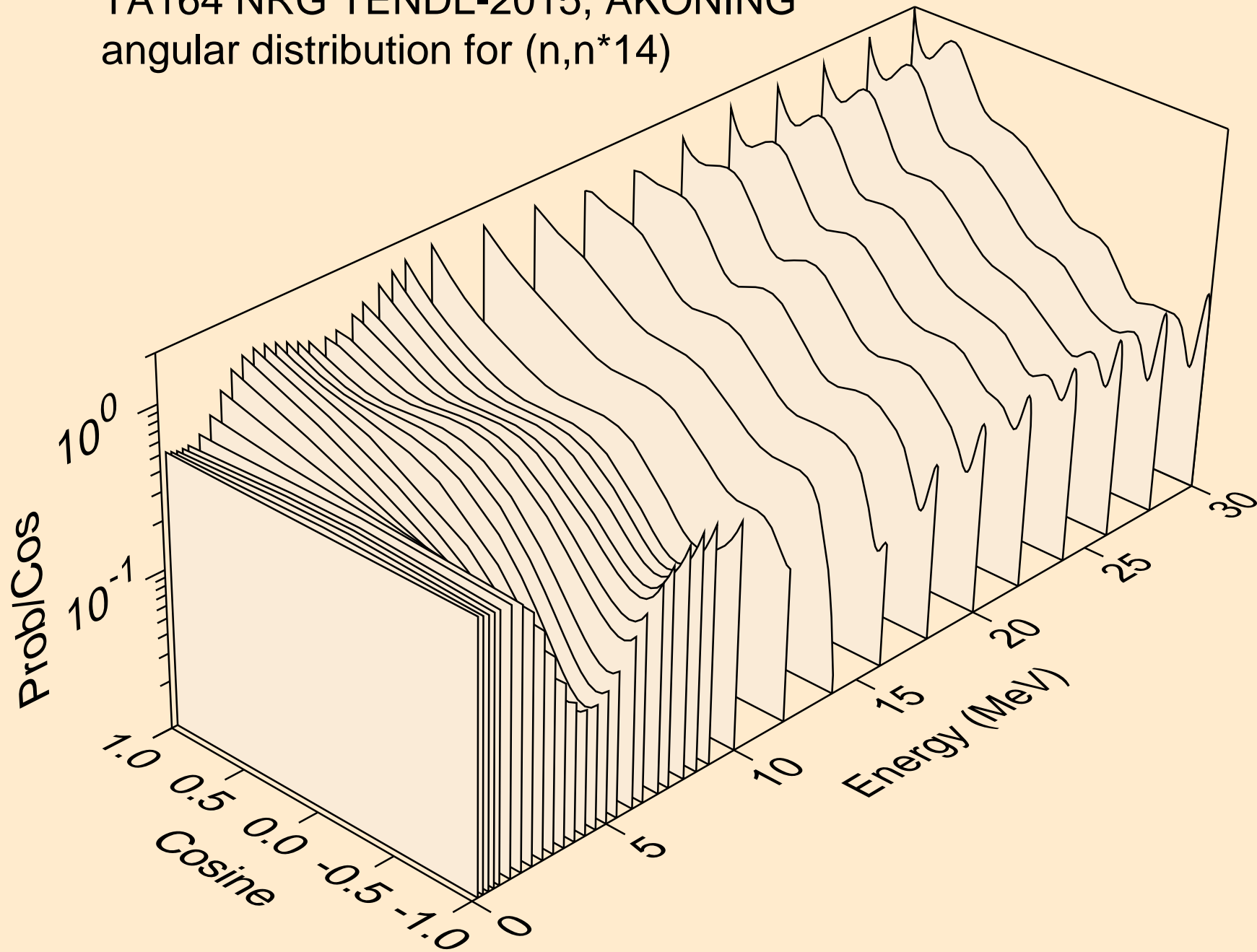
TA164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



TA164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

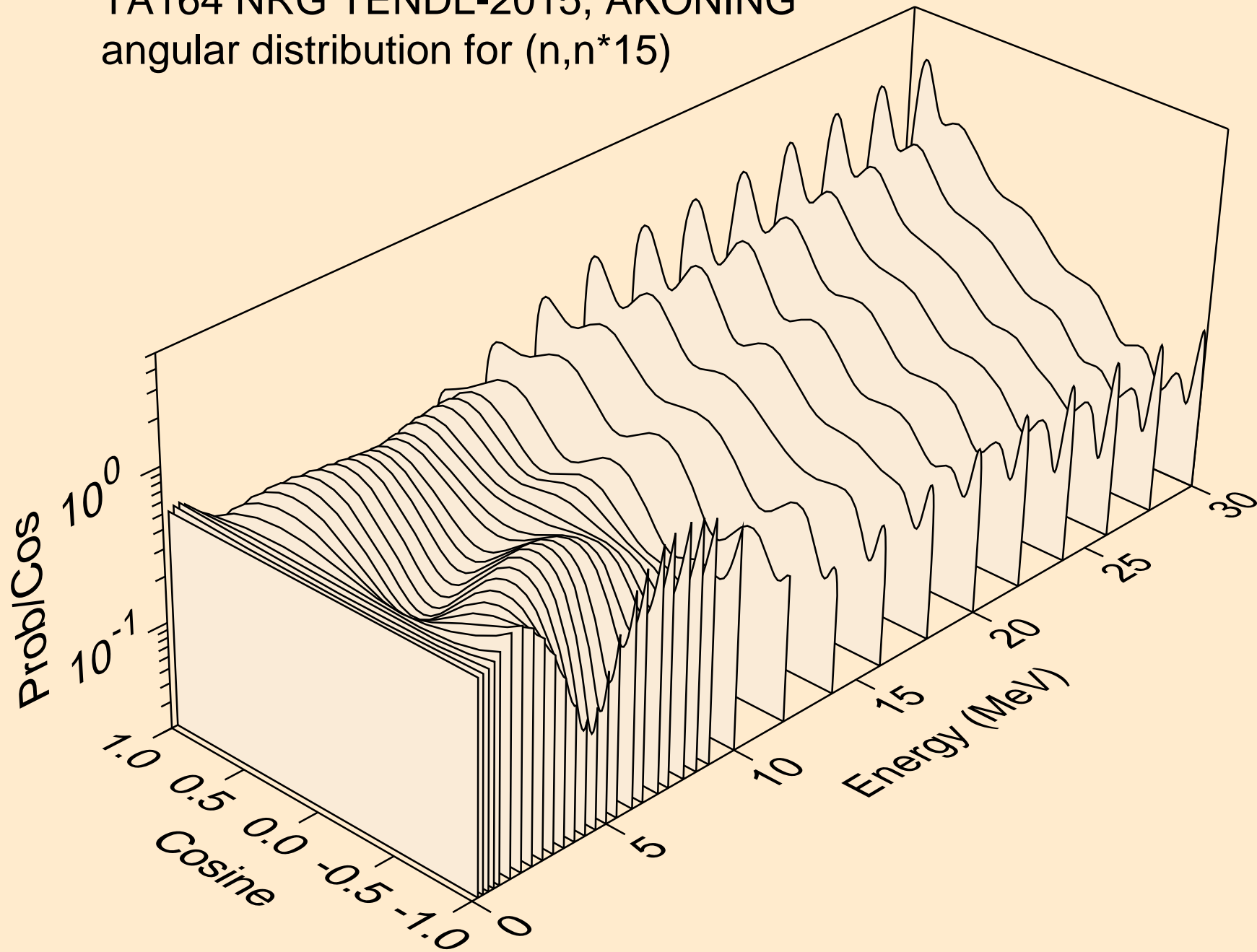


TA164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

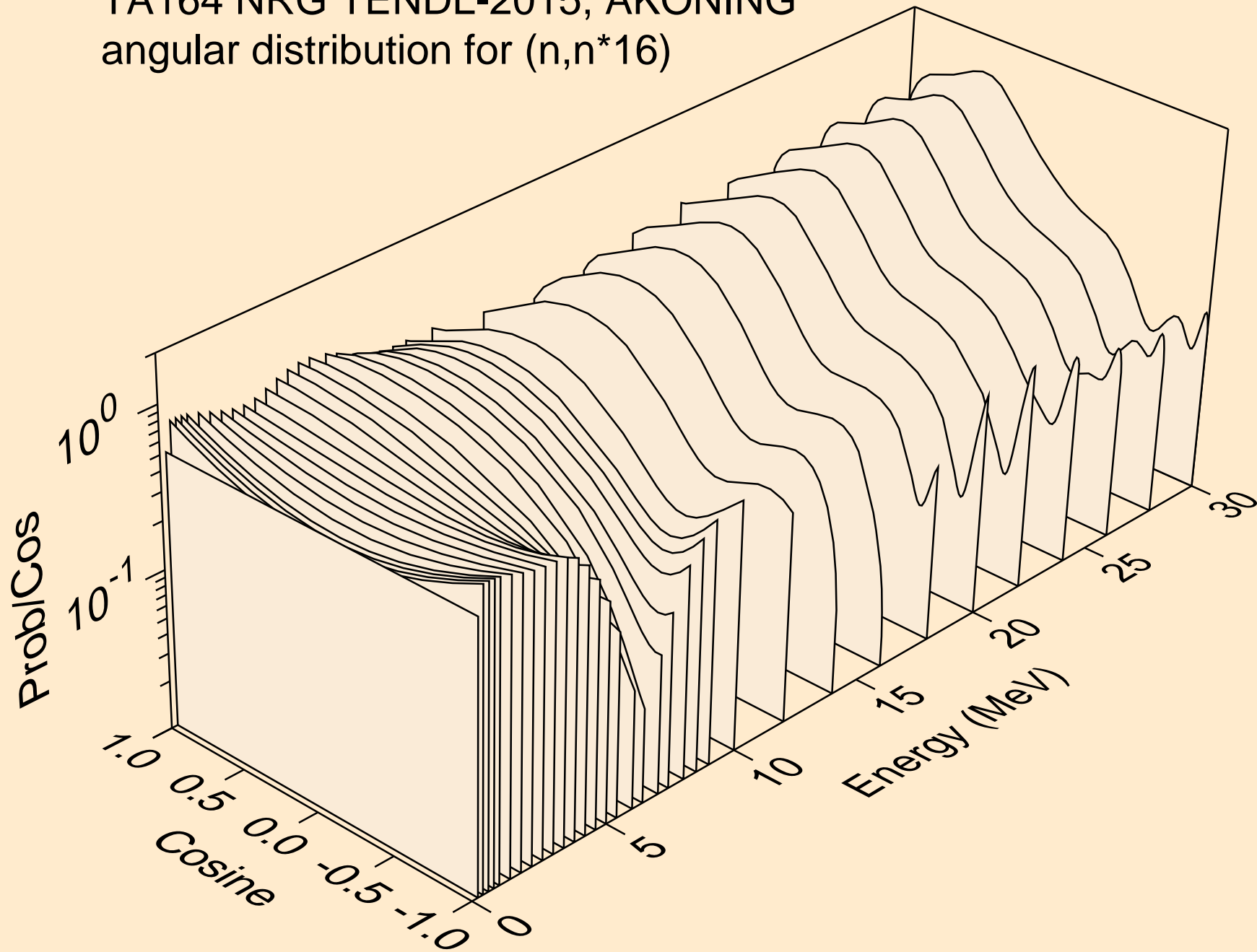




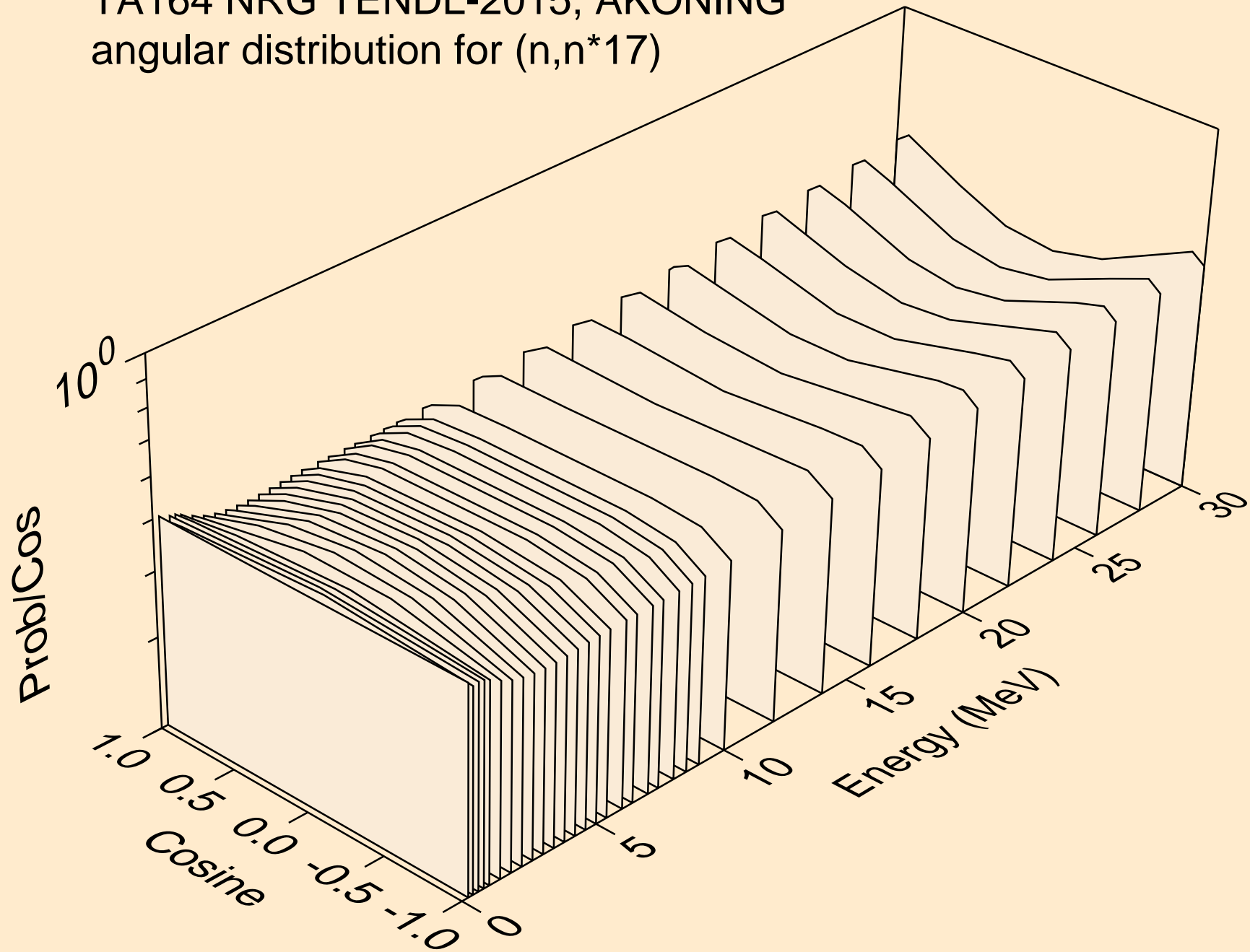
TA164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



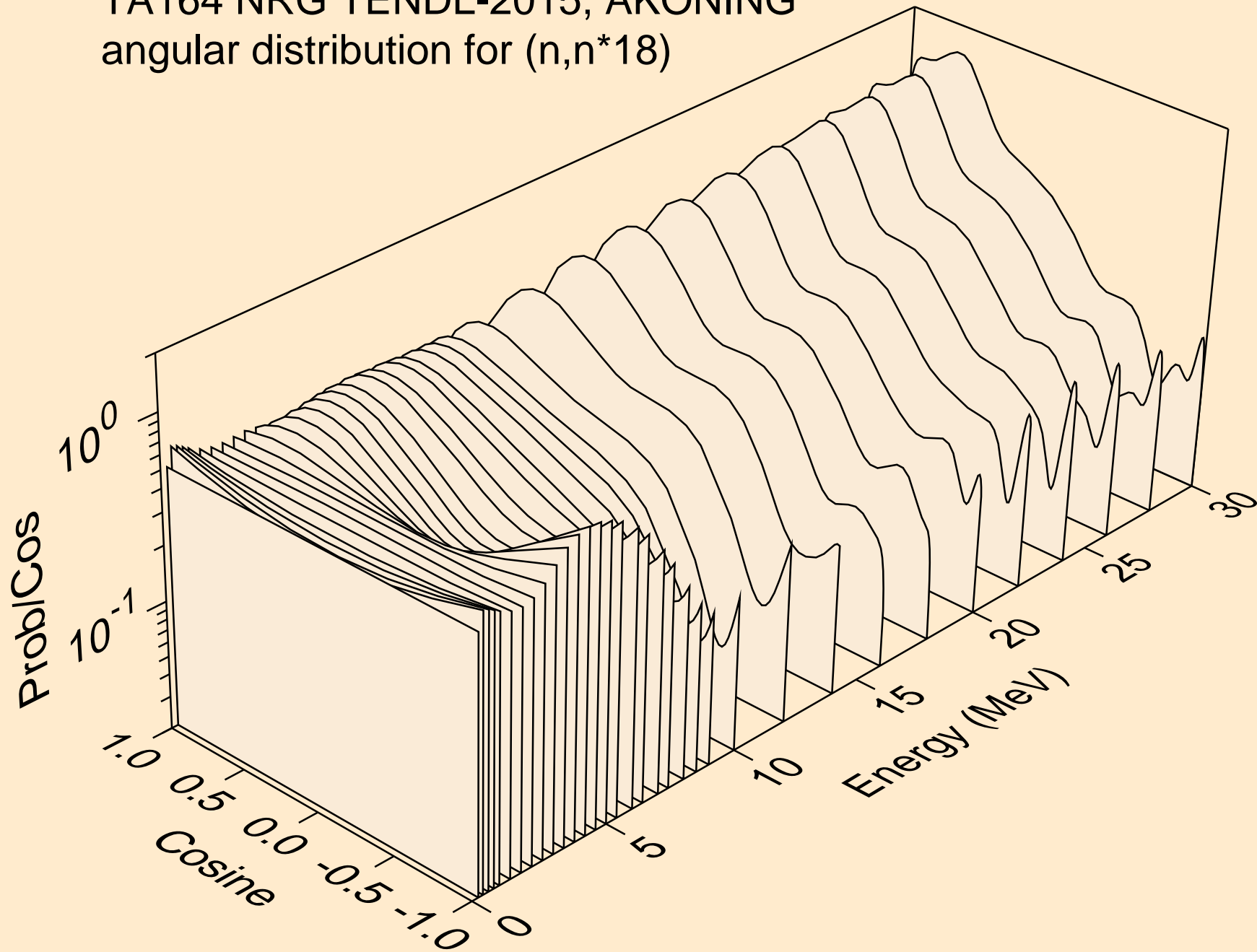
TA164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



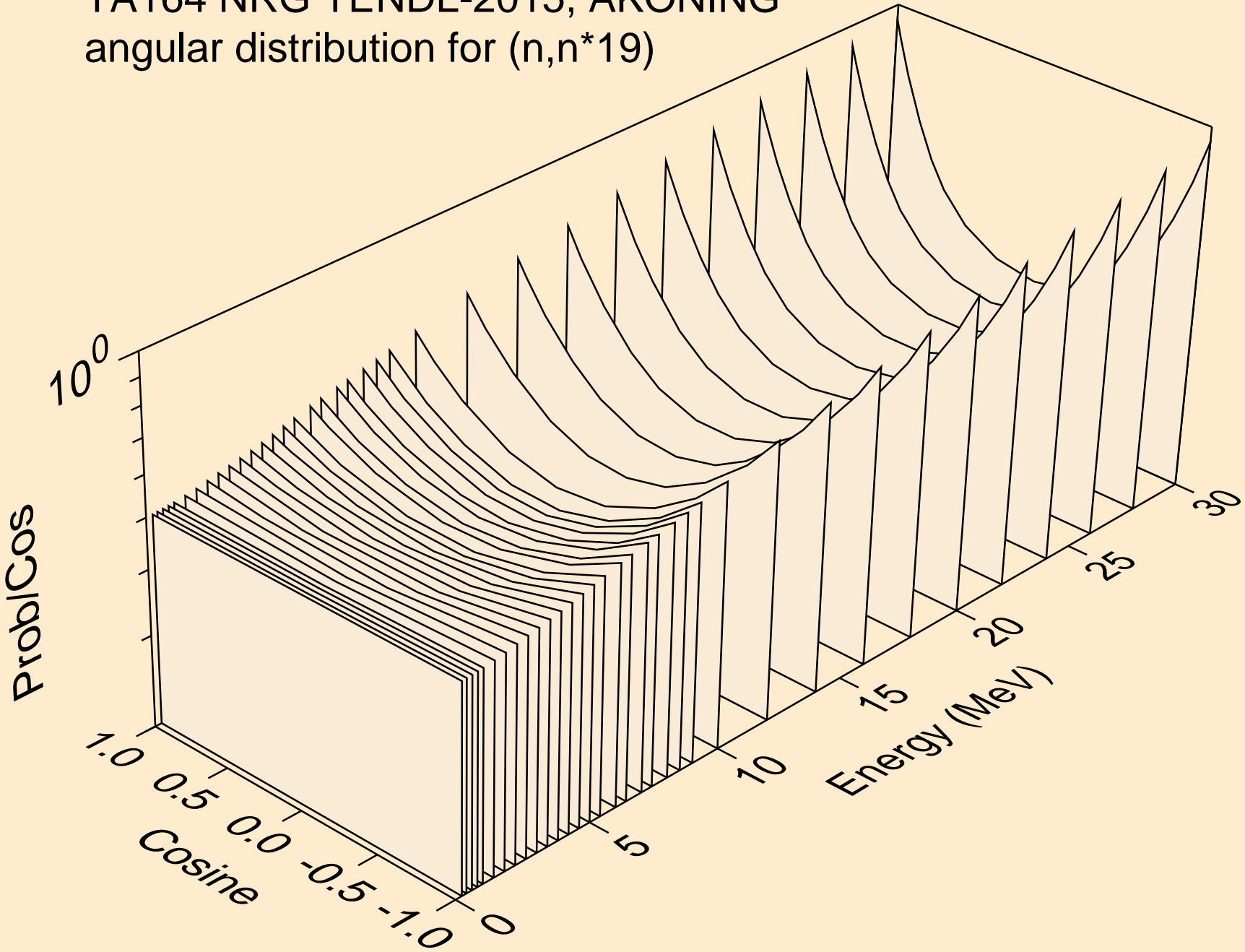
TA164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



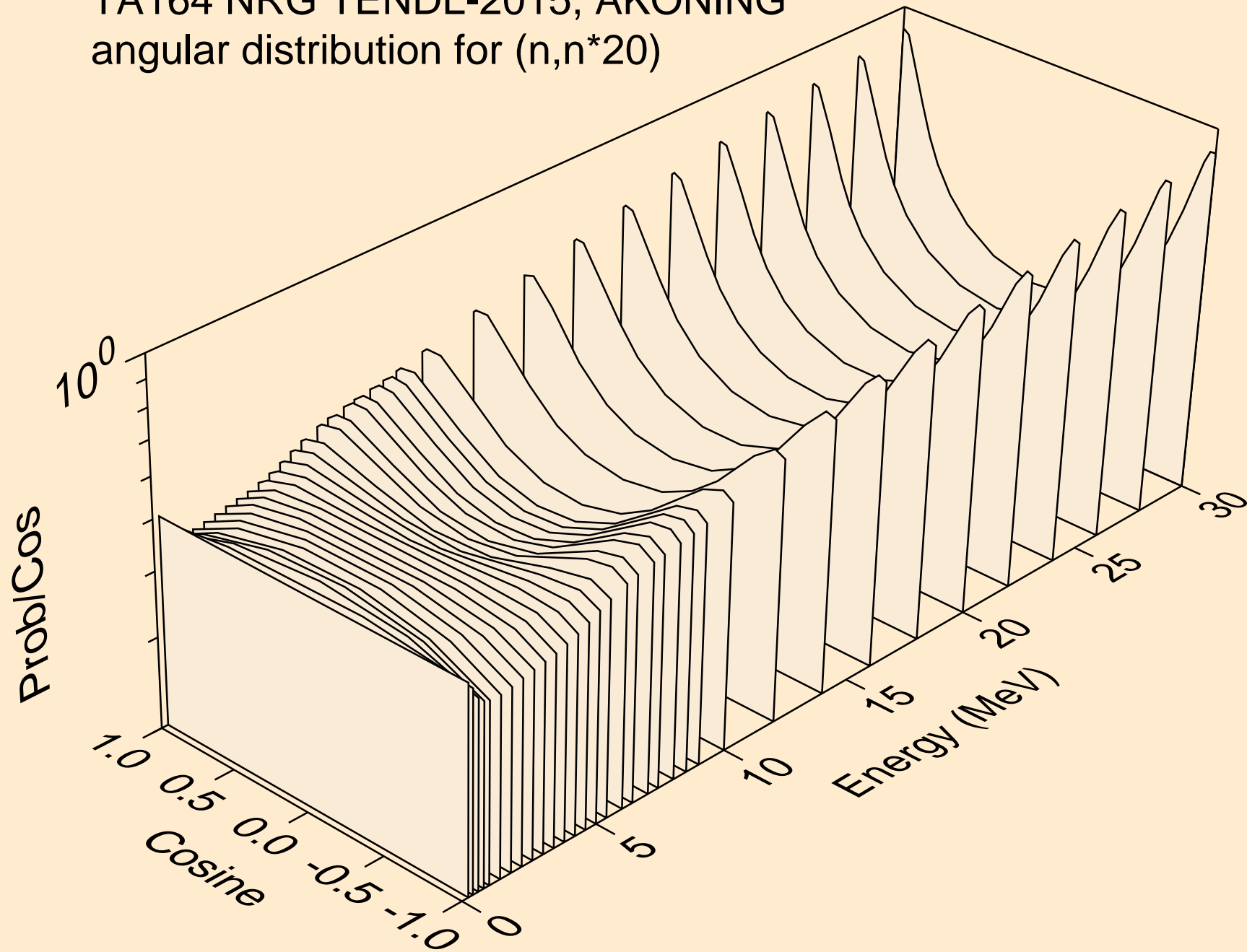
TA164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



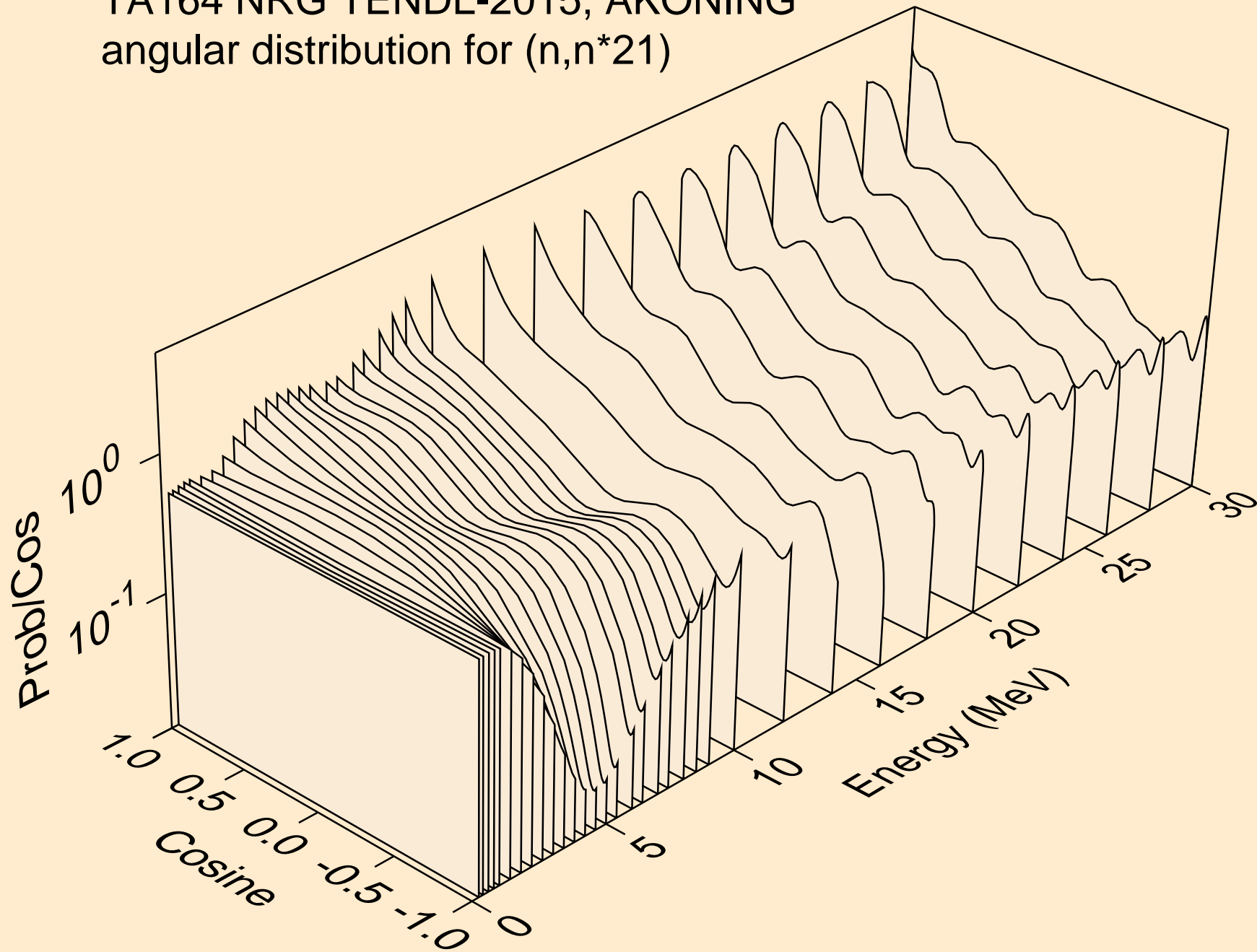
TA164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



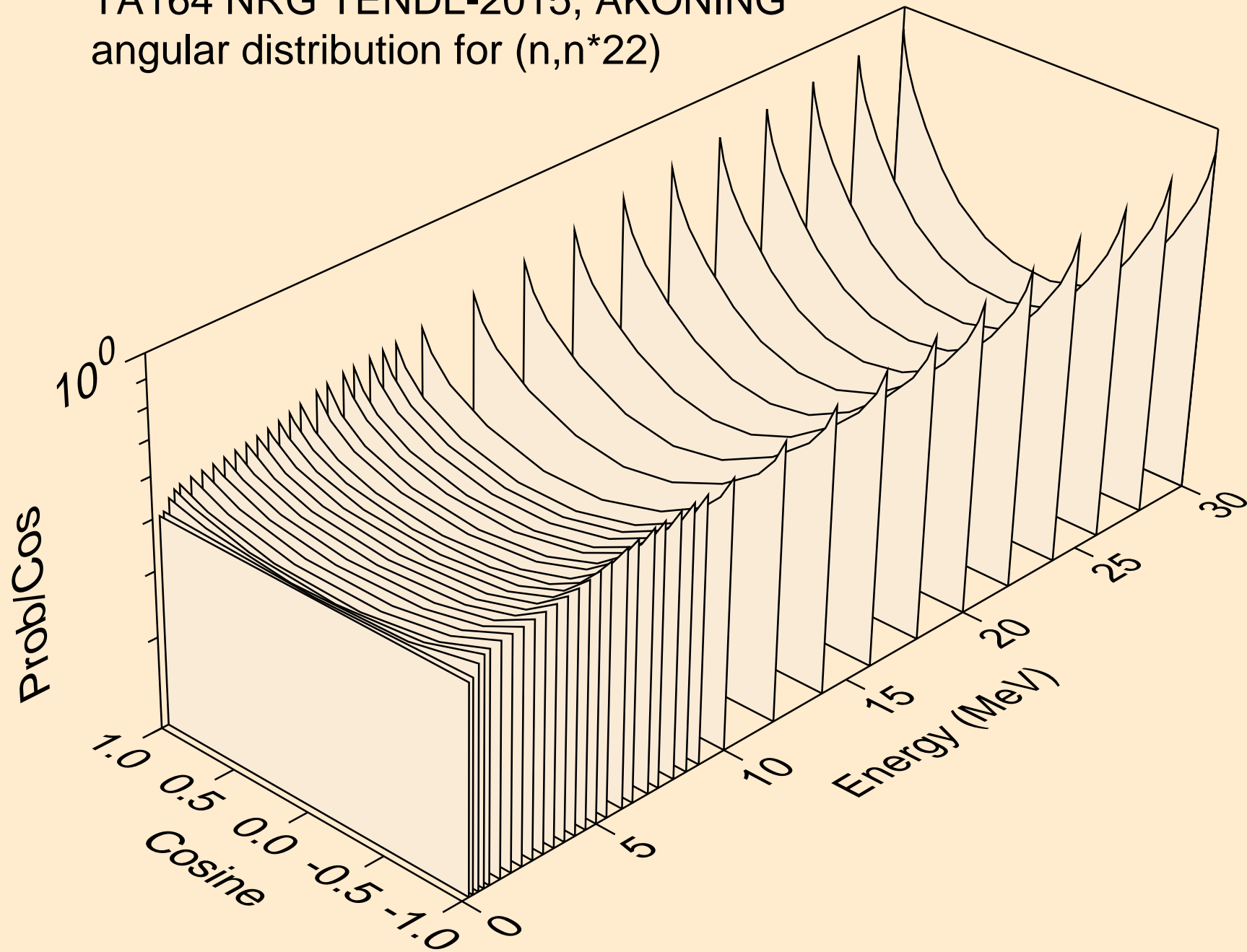
TA164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



TA164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

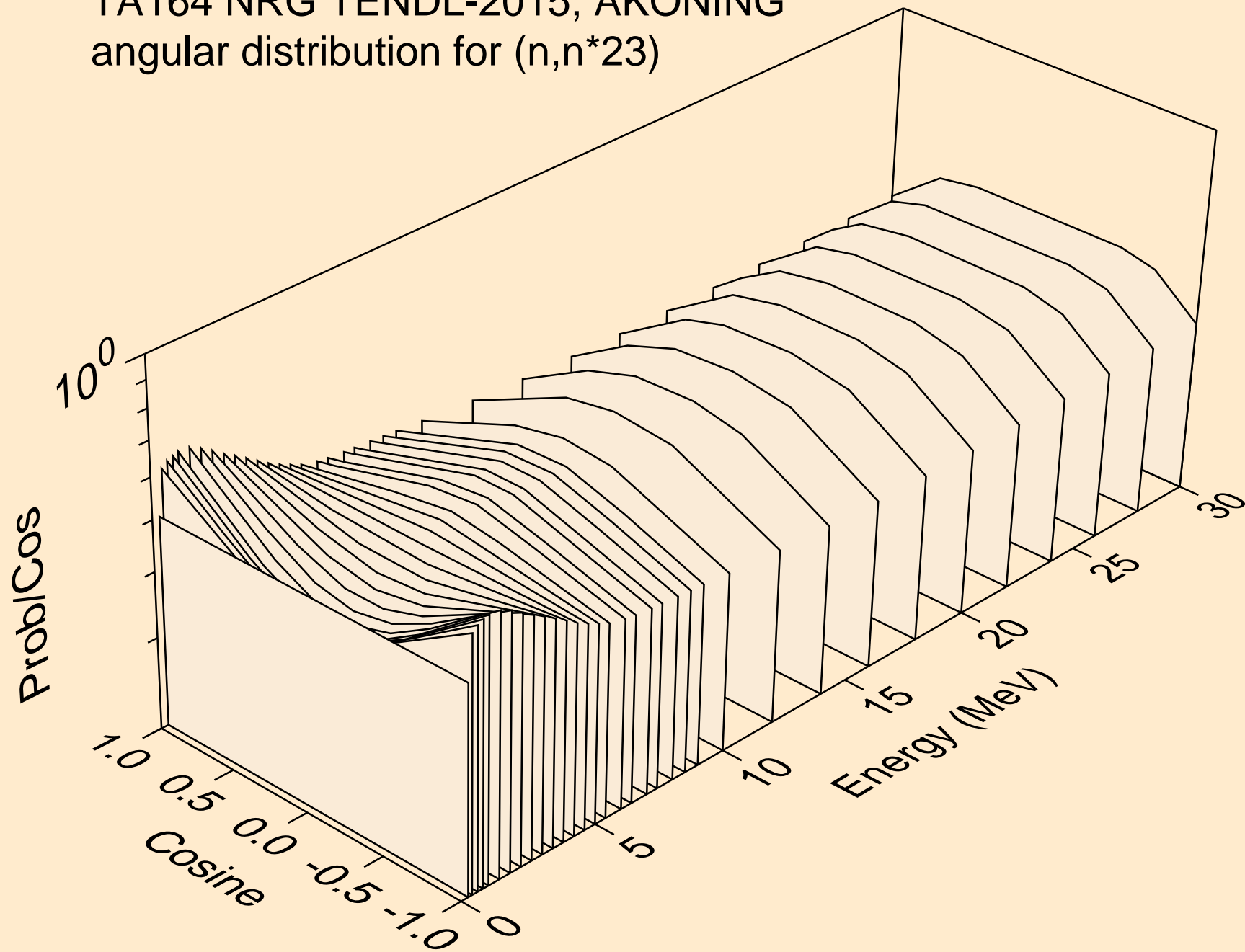


TA164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

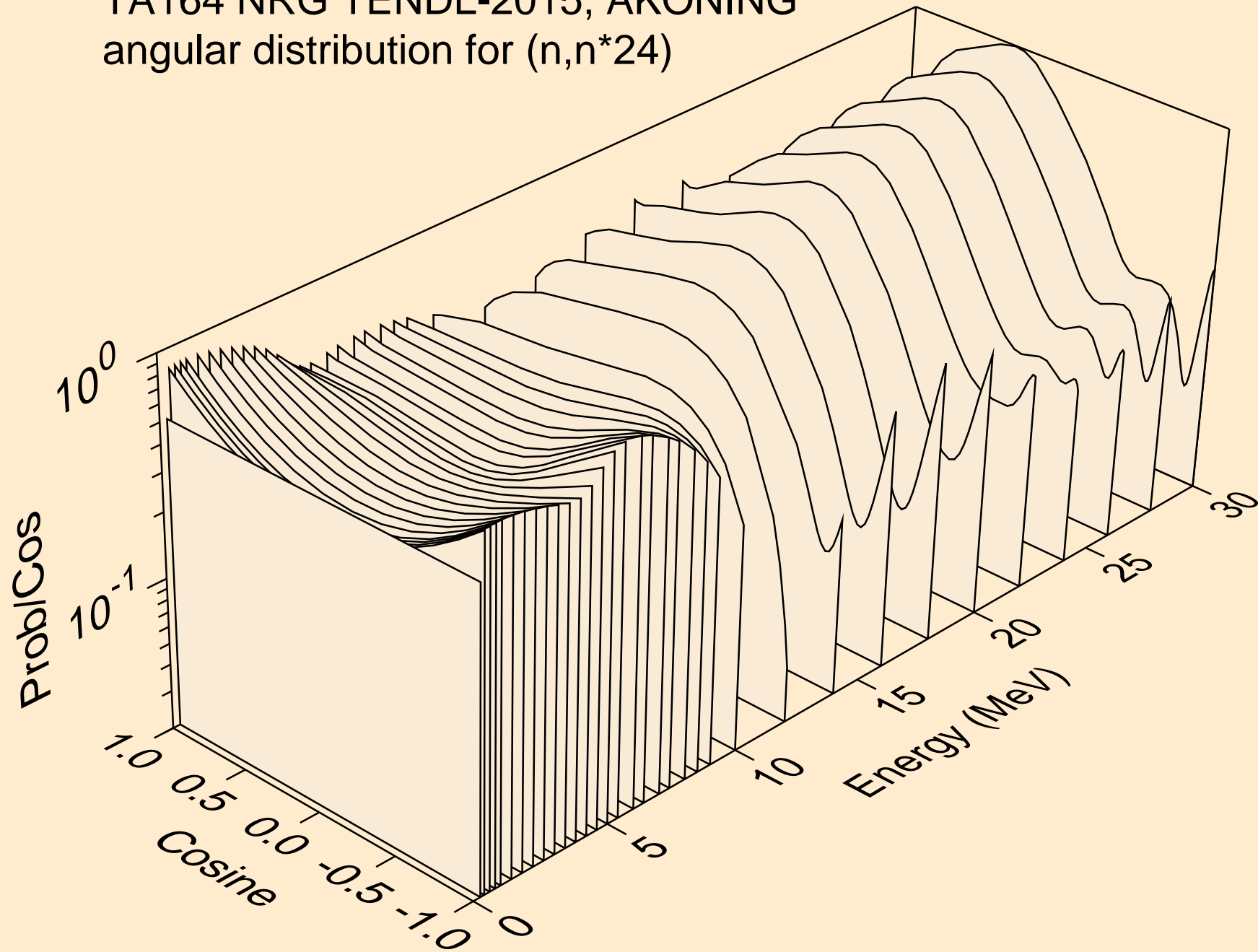




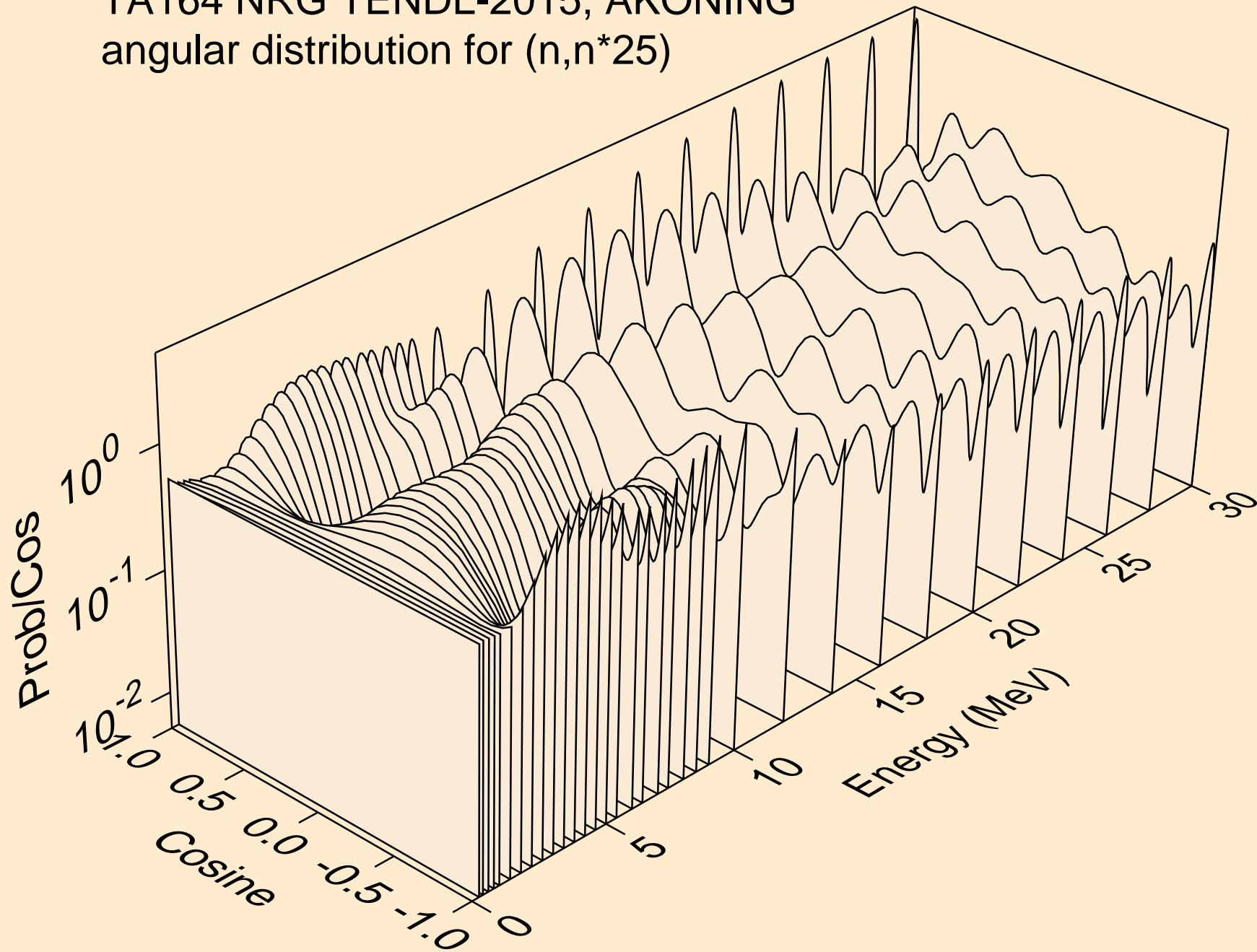
TA164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



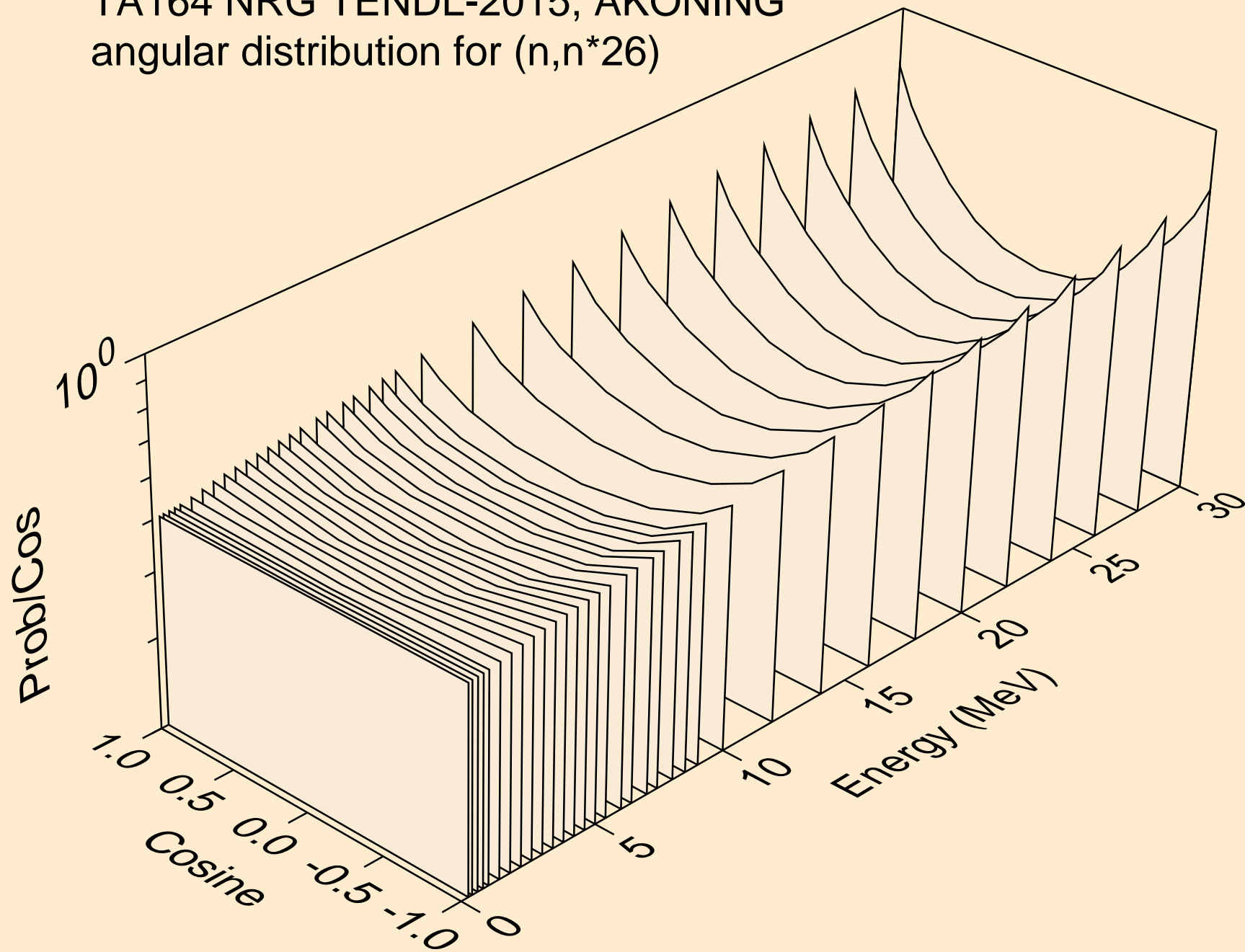
TA164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



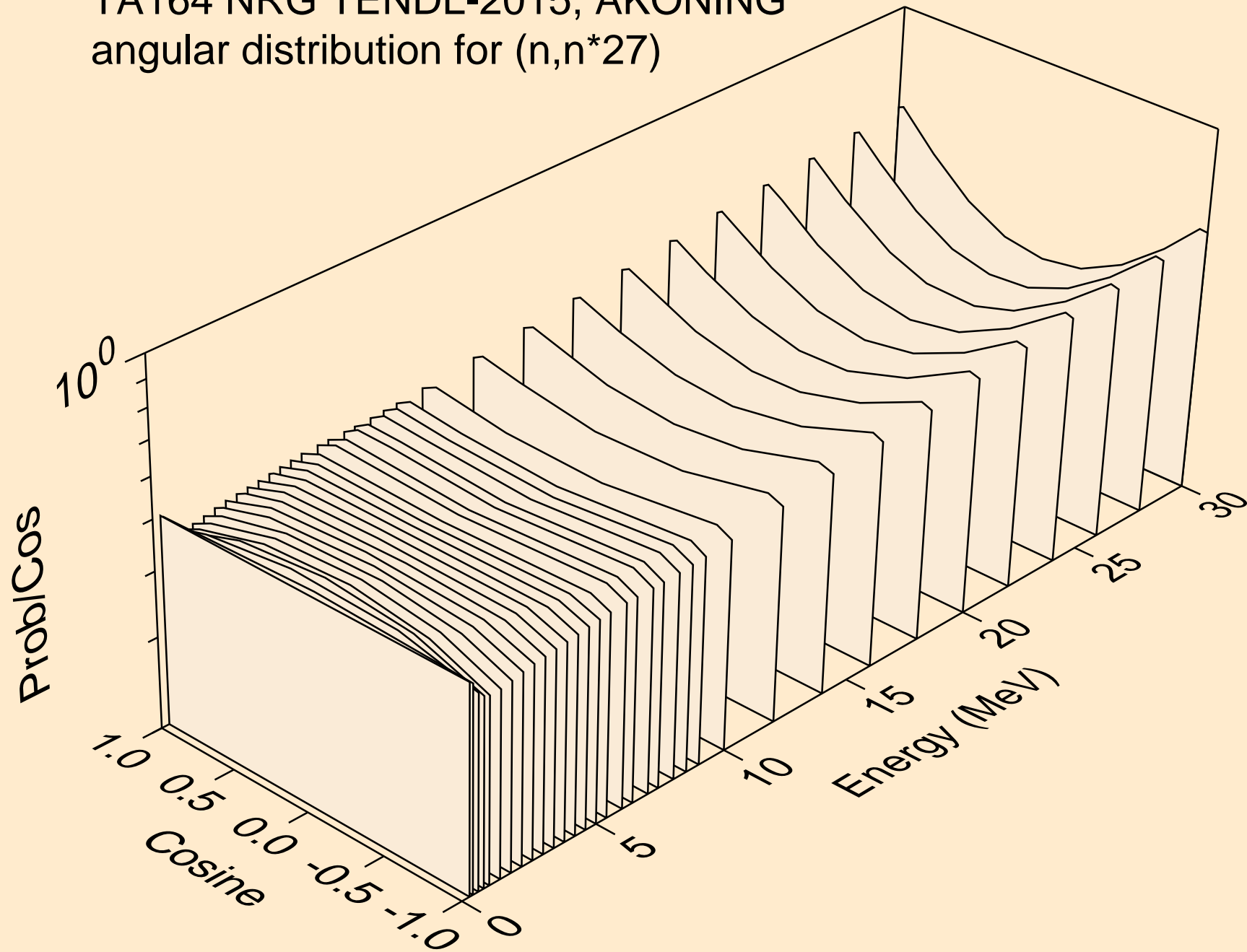
TA164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



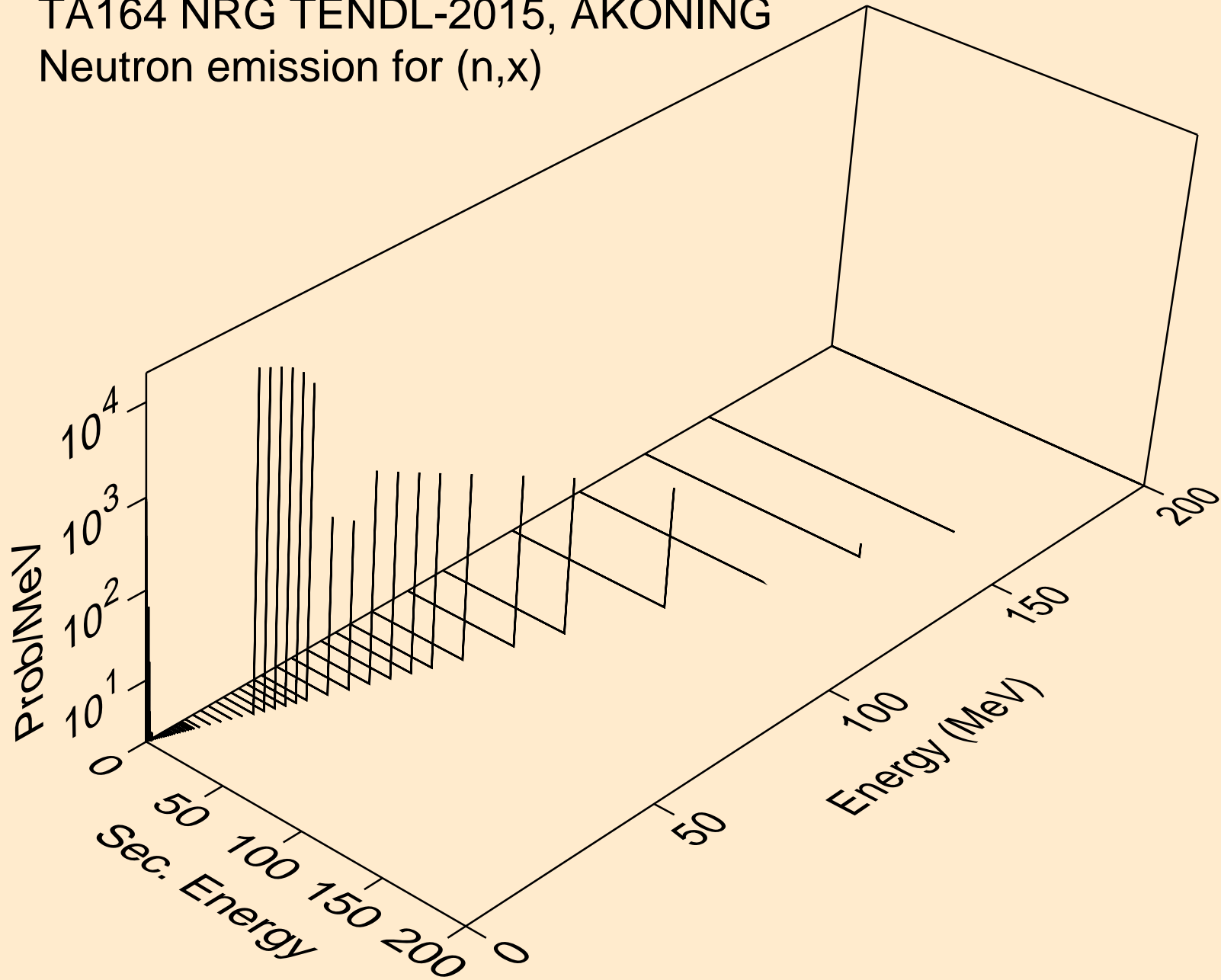
TA164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



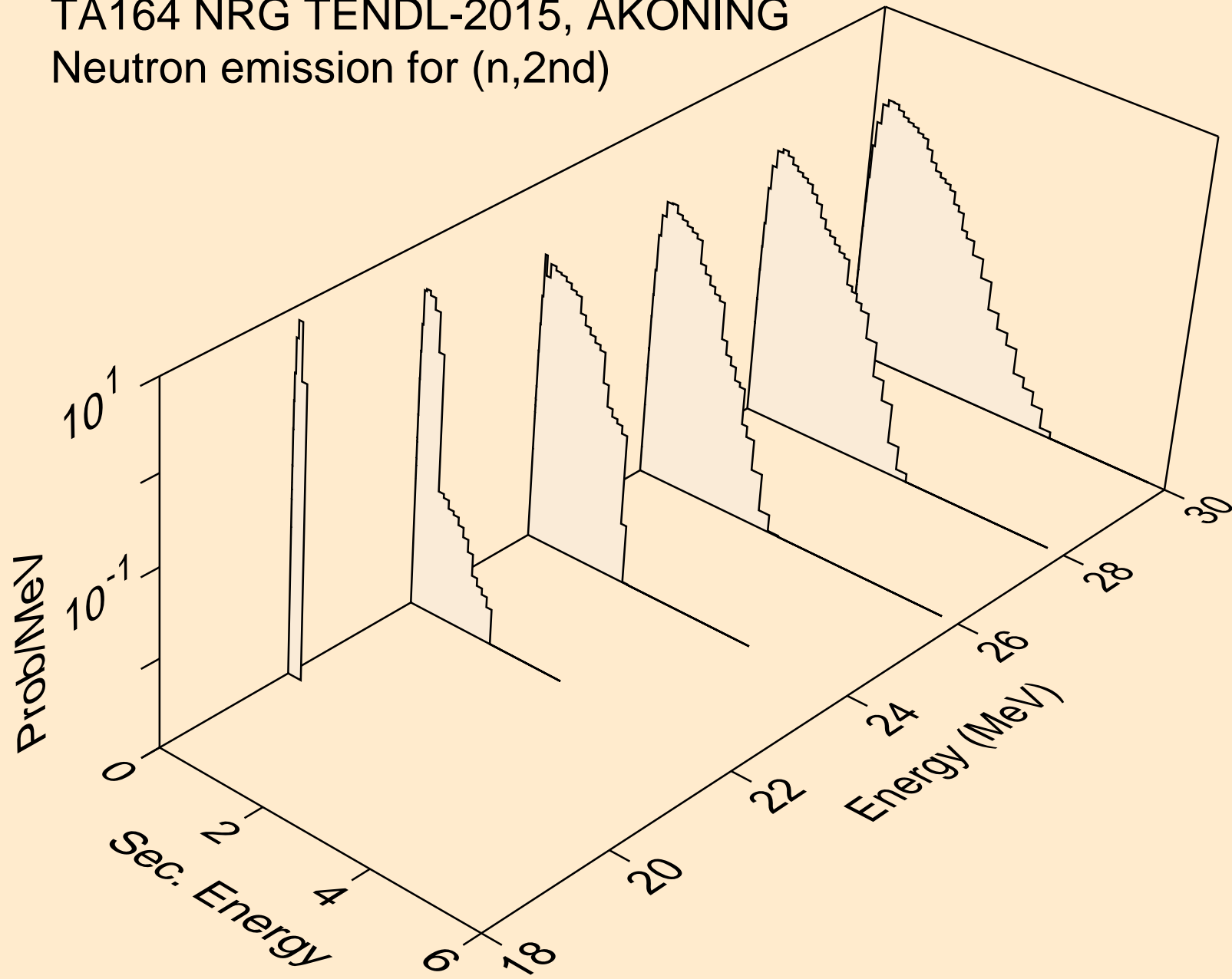
TA164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



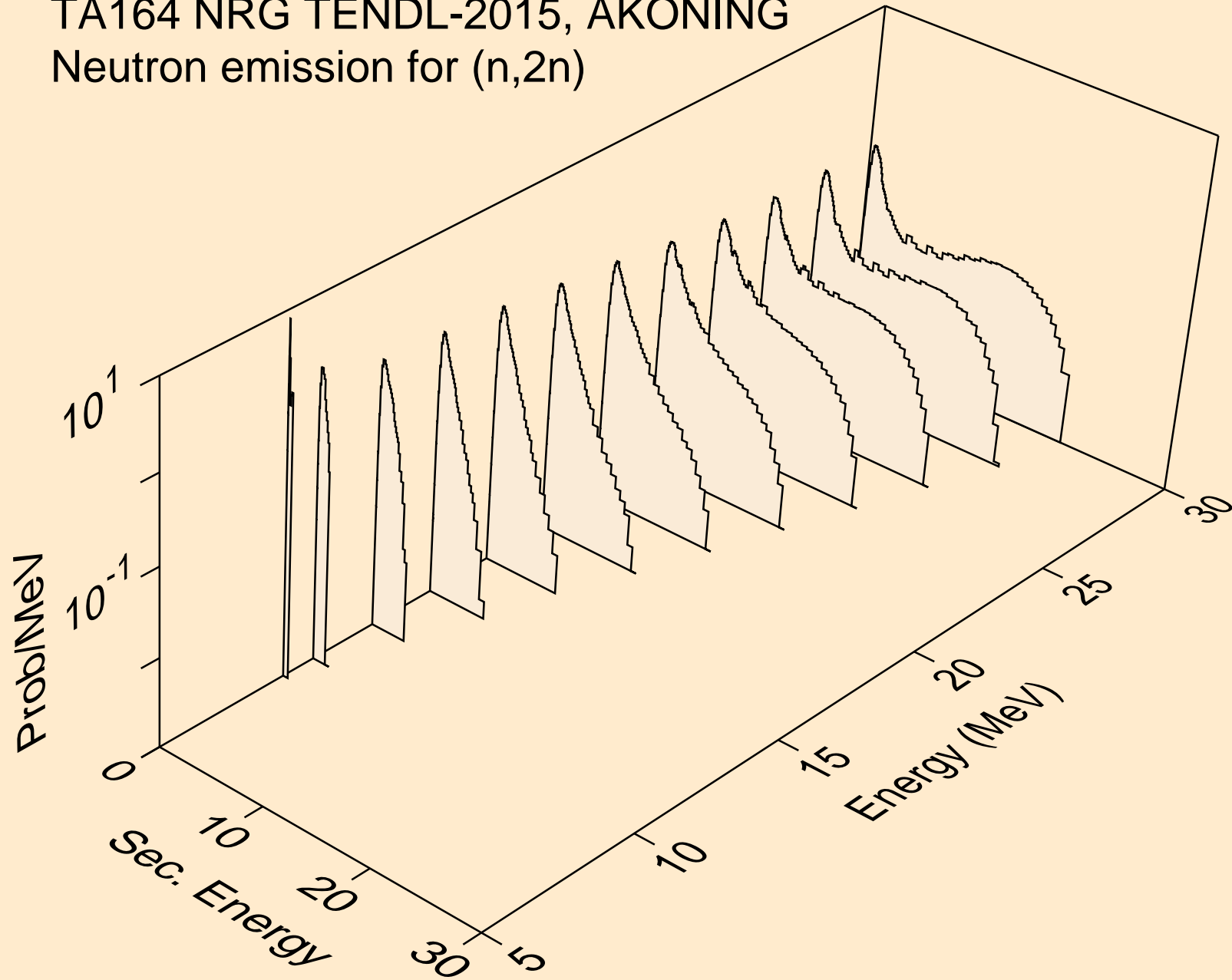
TA164 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



TA164 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

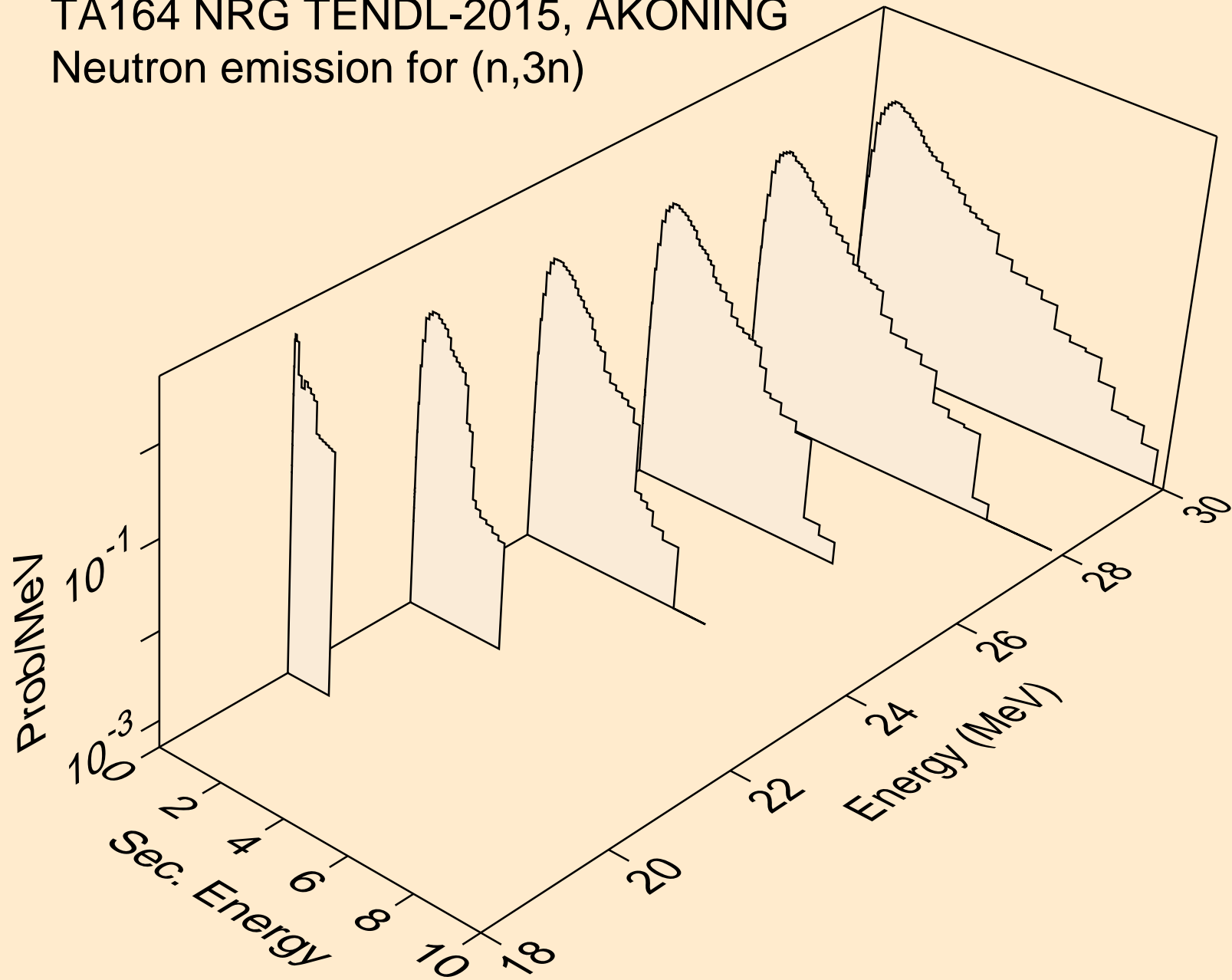


TA164 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

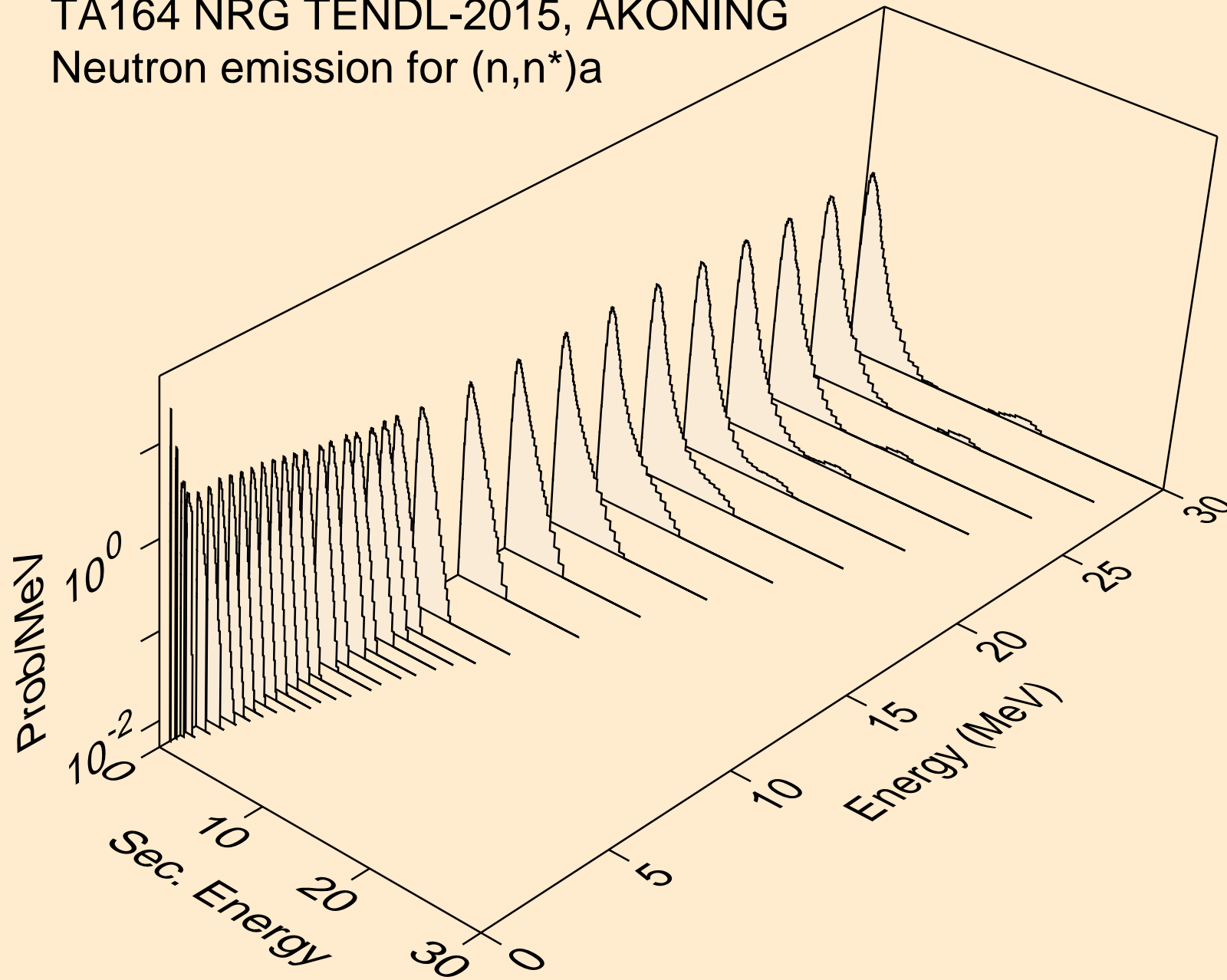




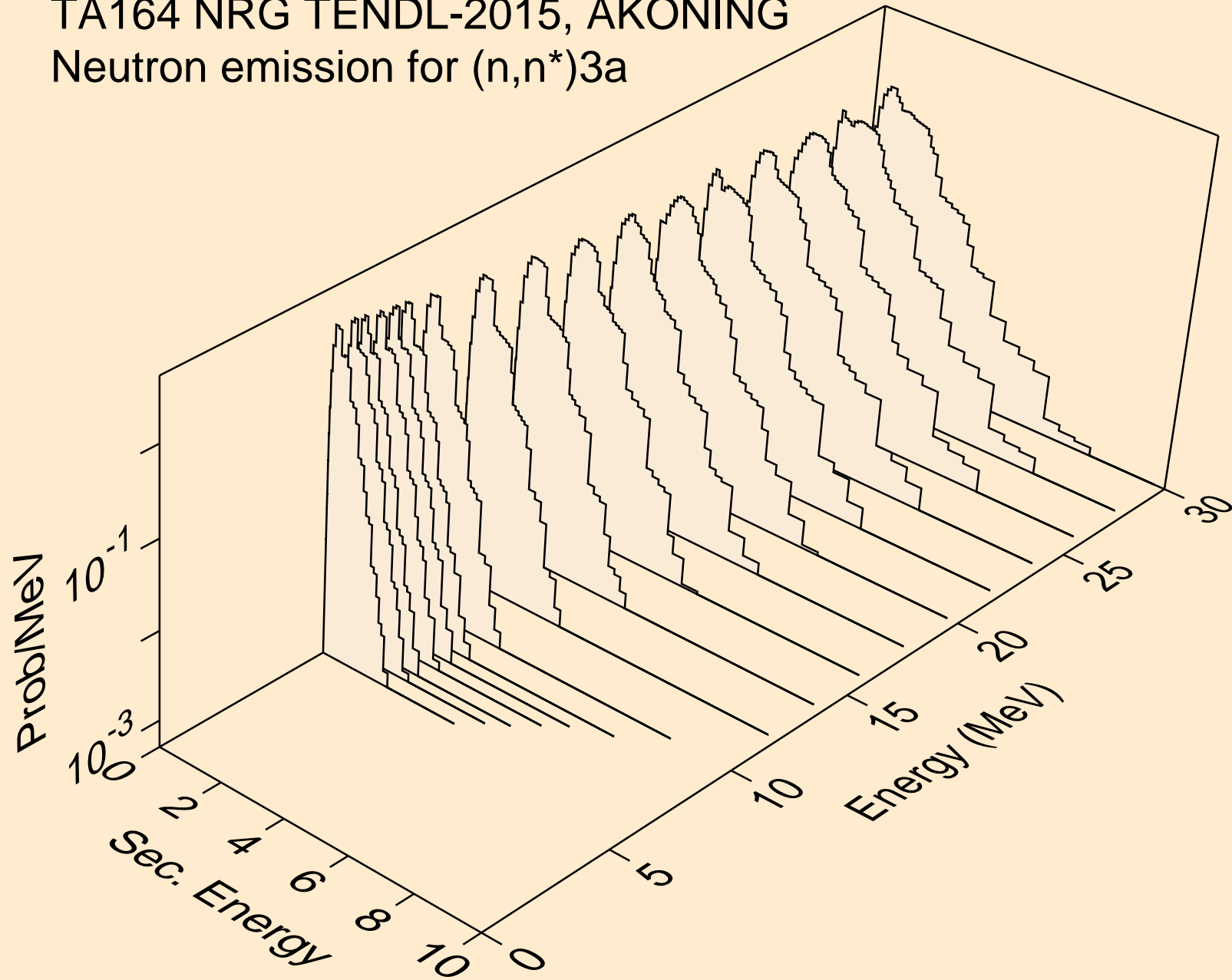
TA164 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



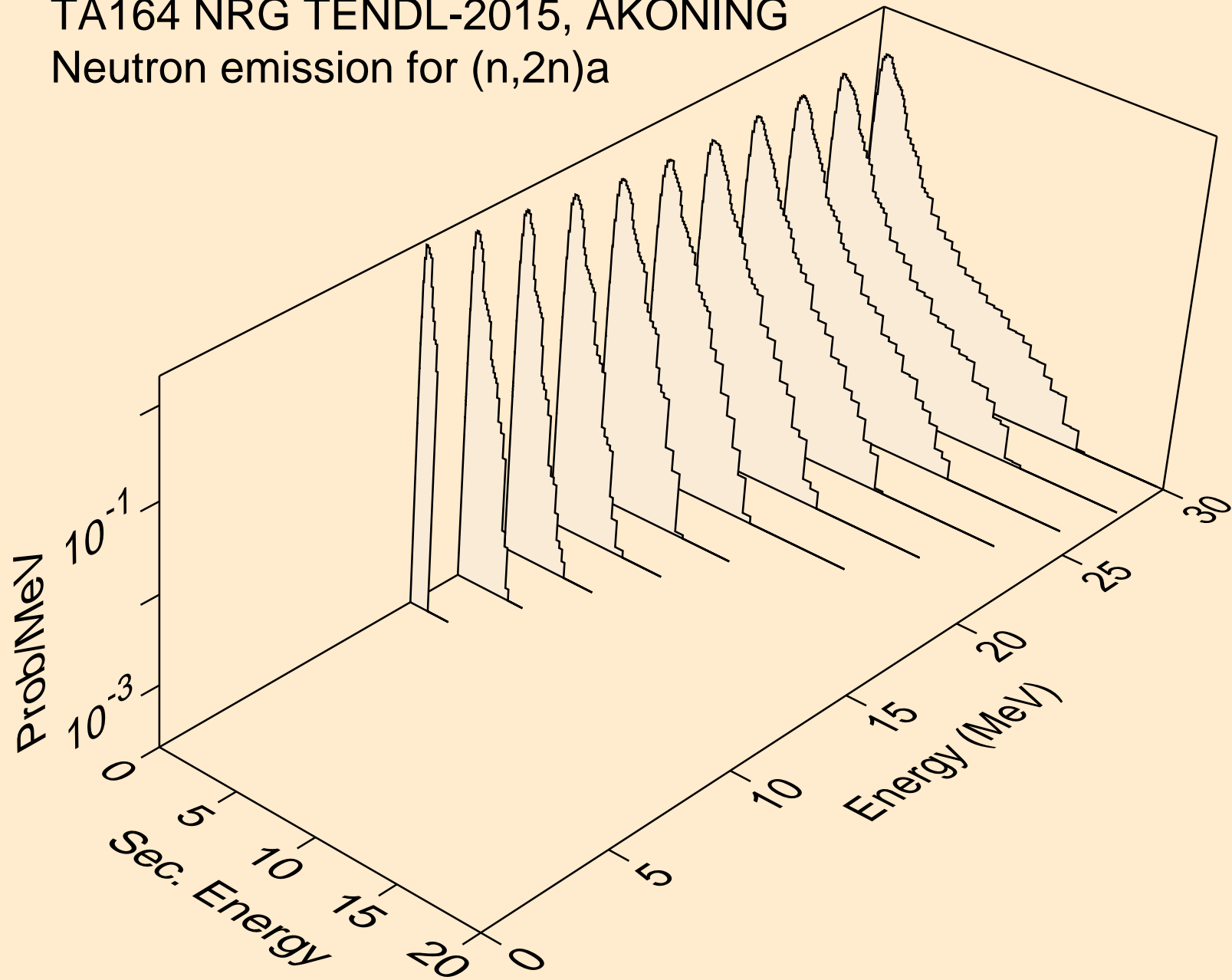
TA164 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



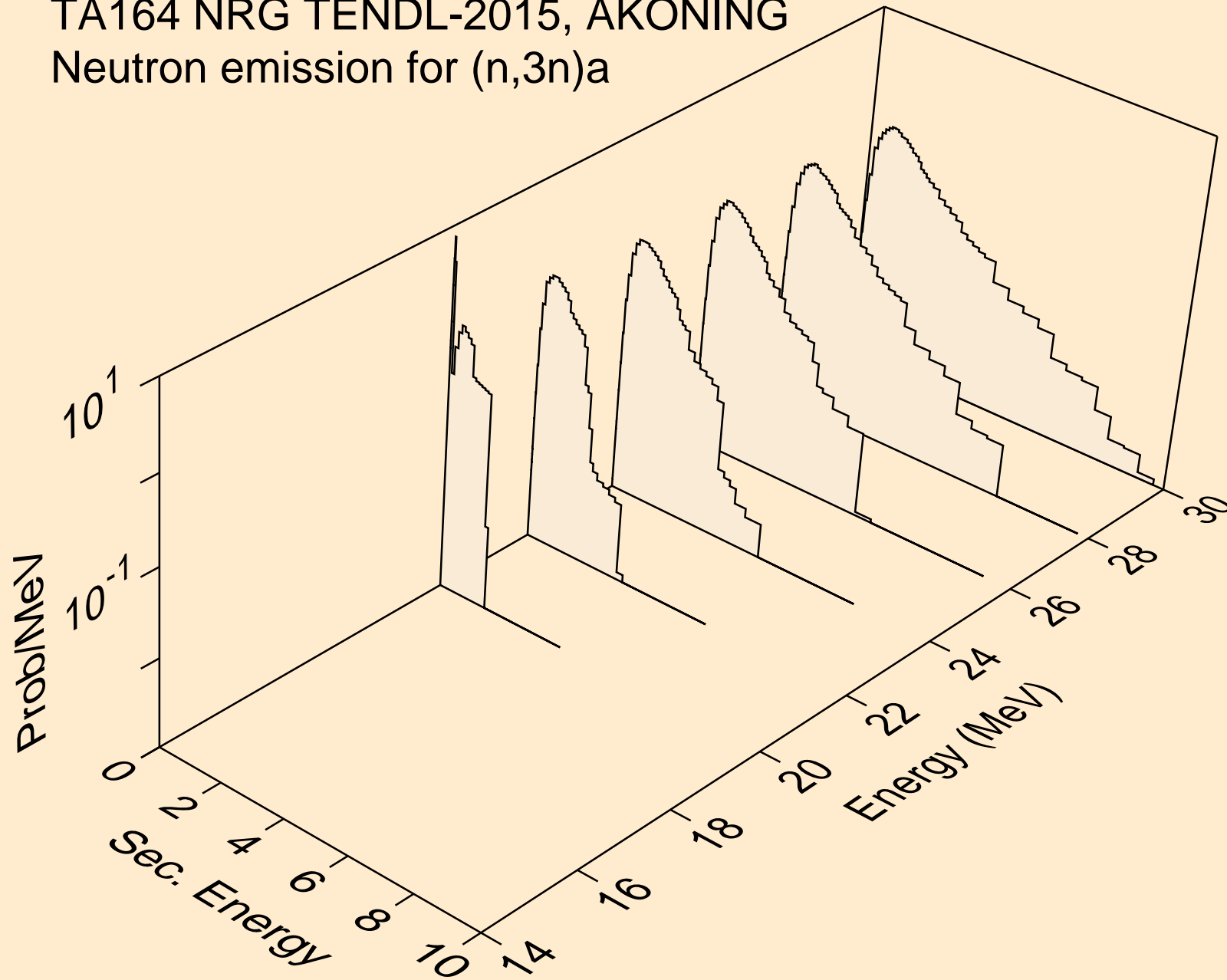
TA164 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a



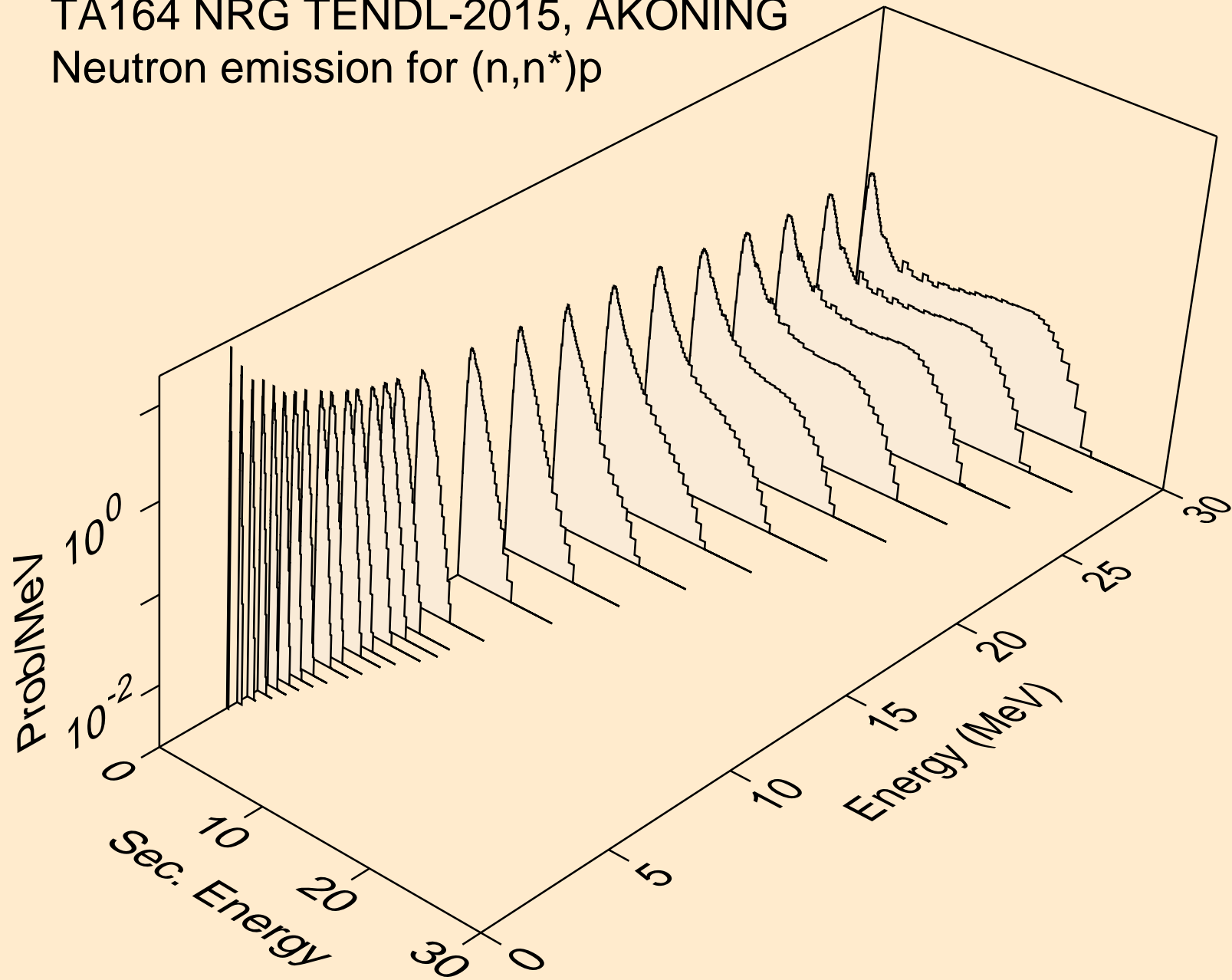
TA164 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



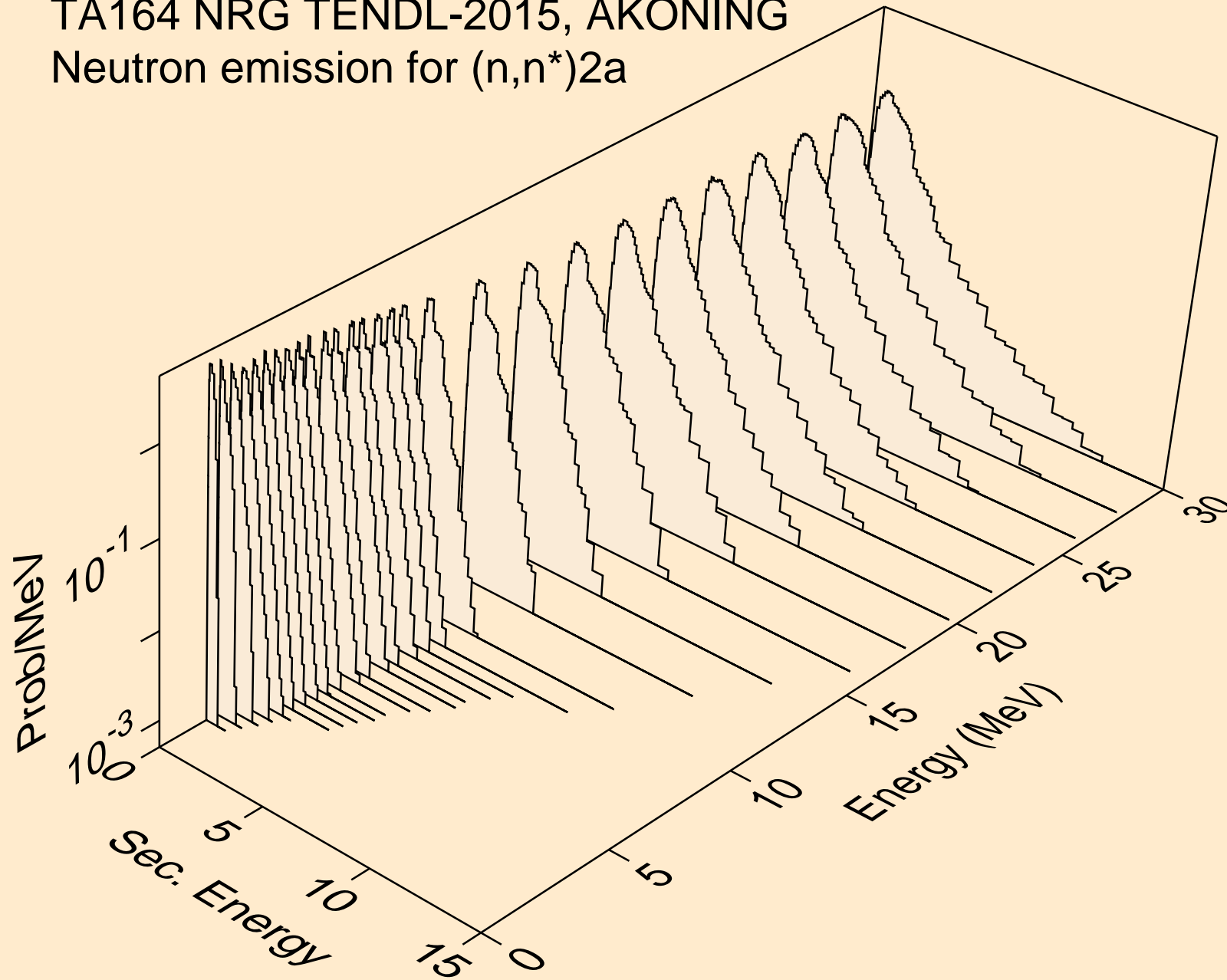
TA164 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



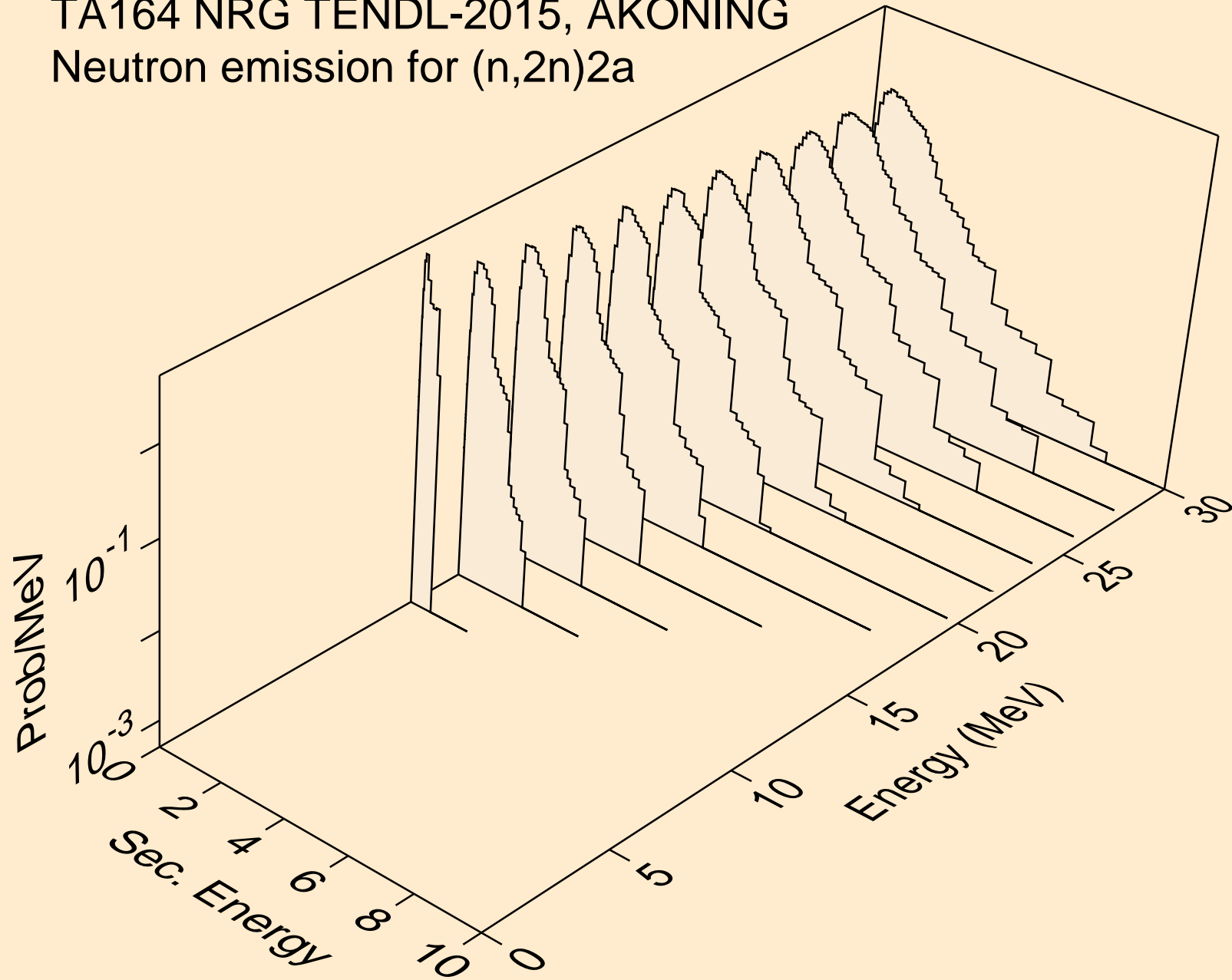
TA164 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



TA164 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

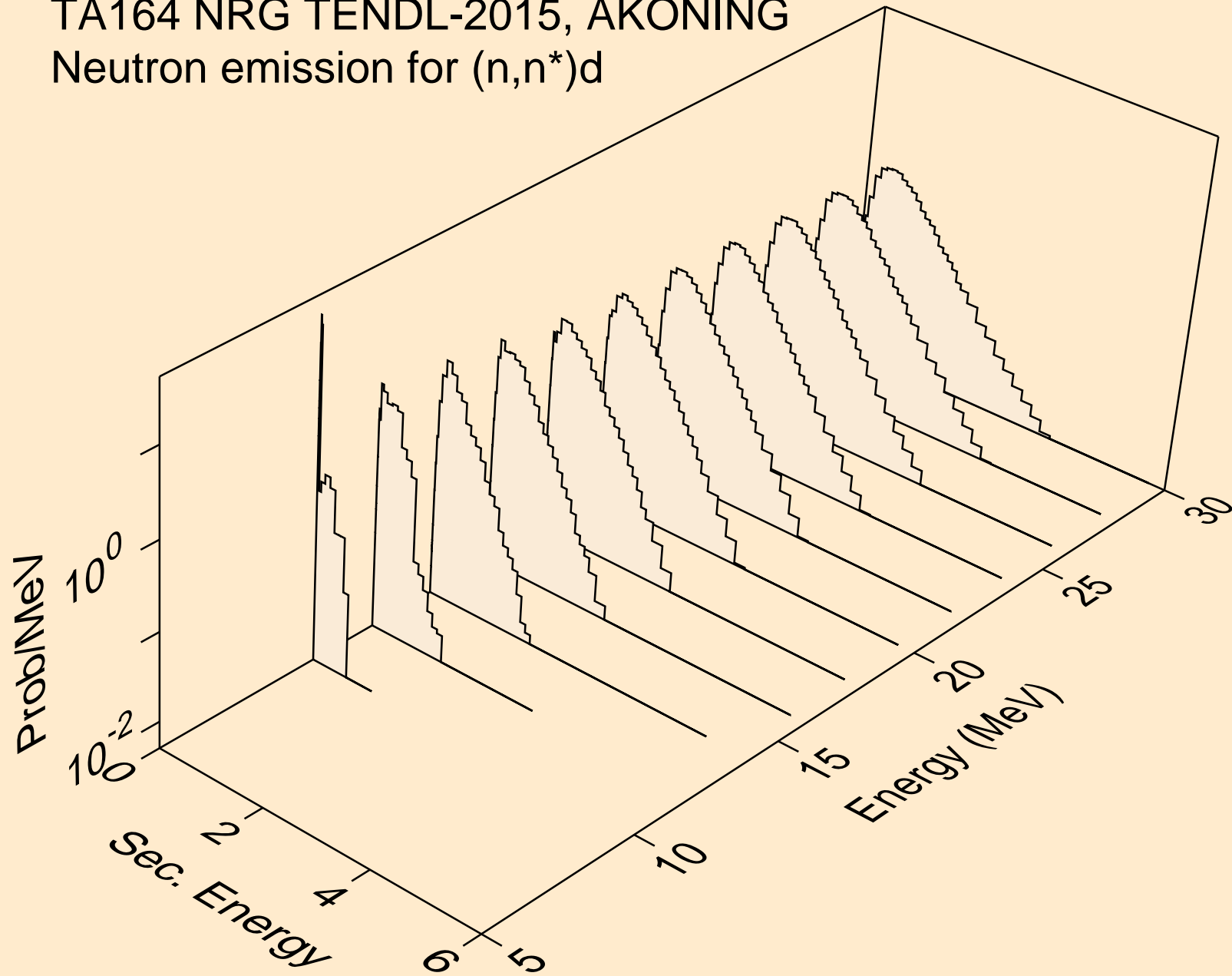


TA164 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a

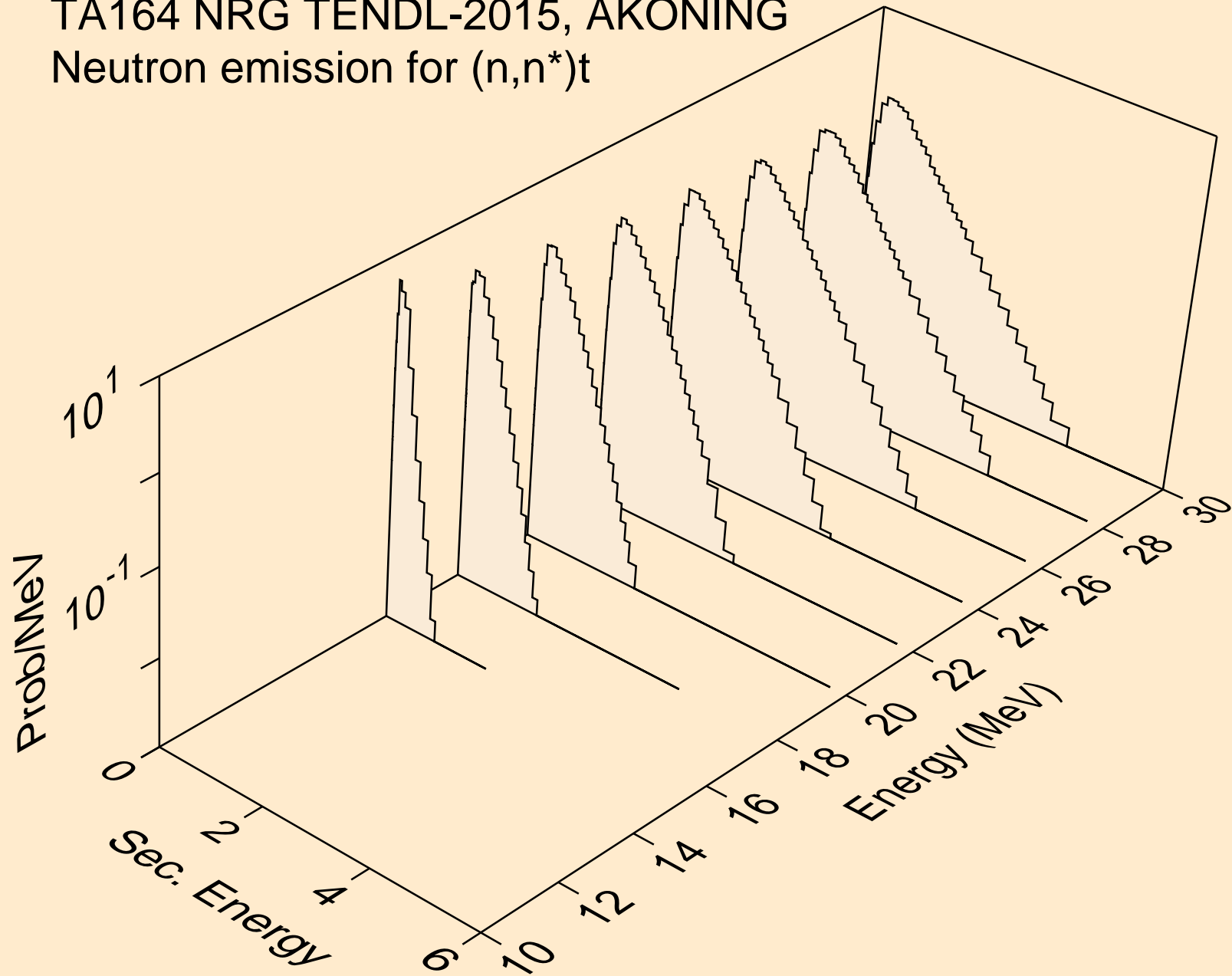




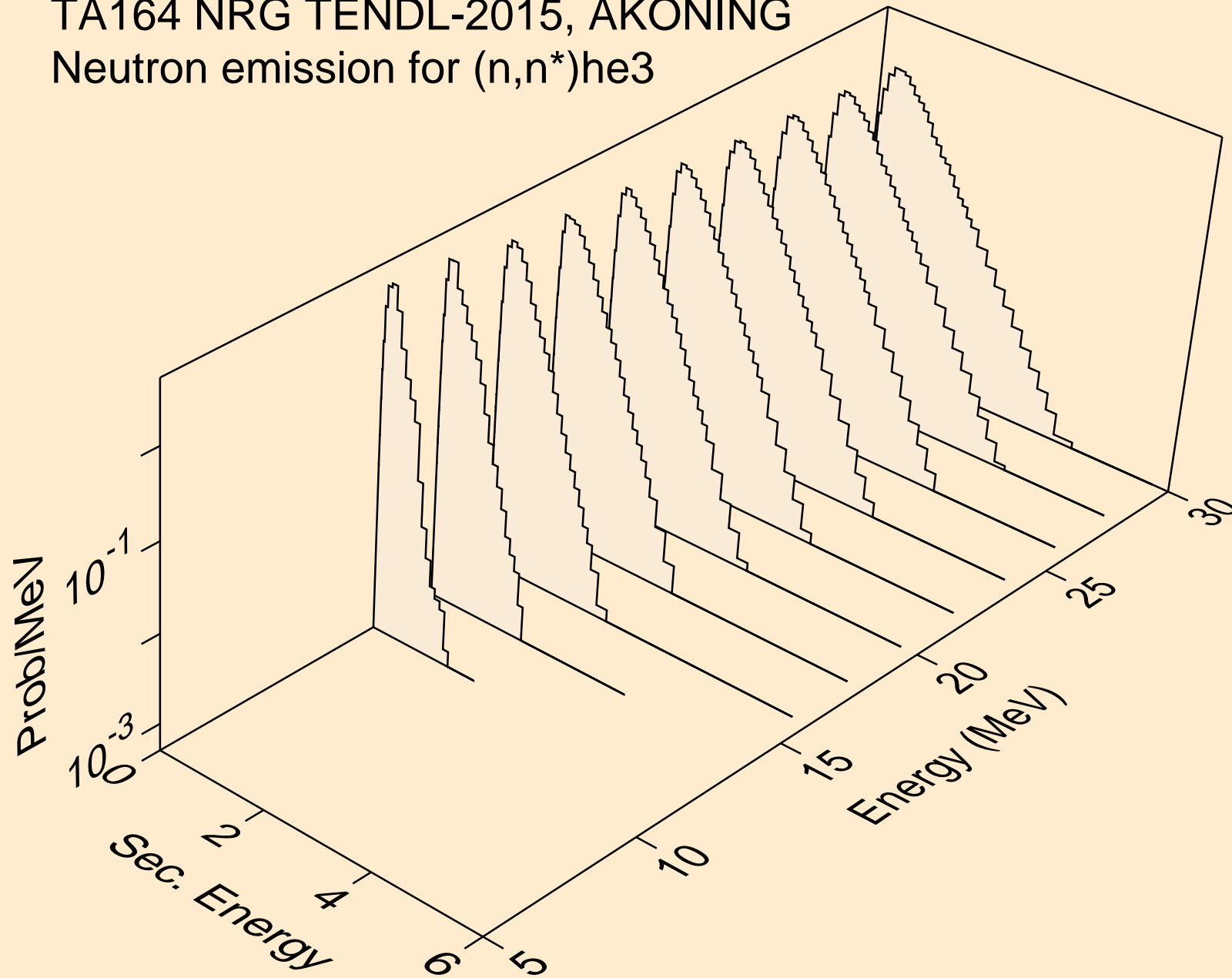
TA164 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



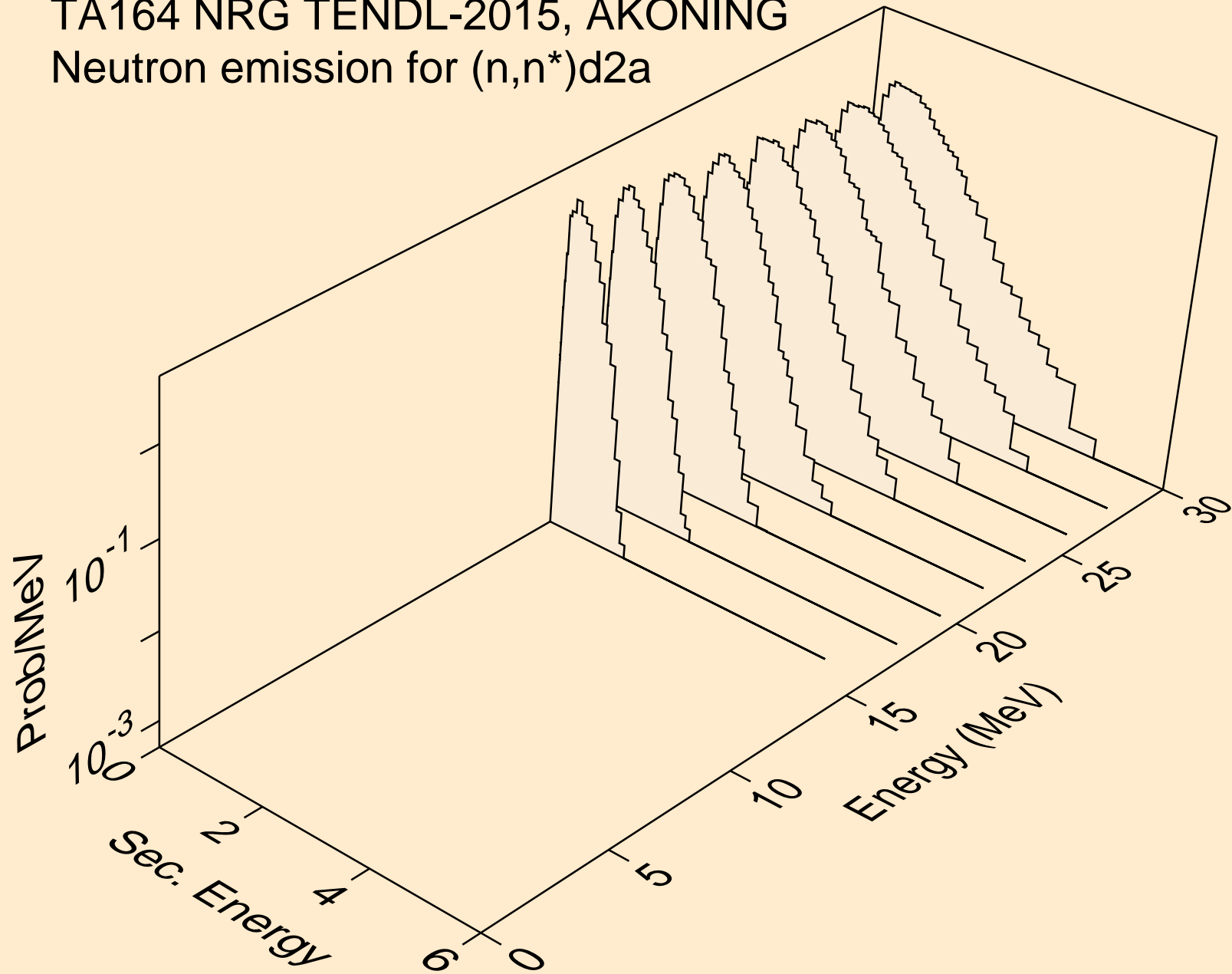
TA164 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



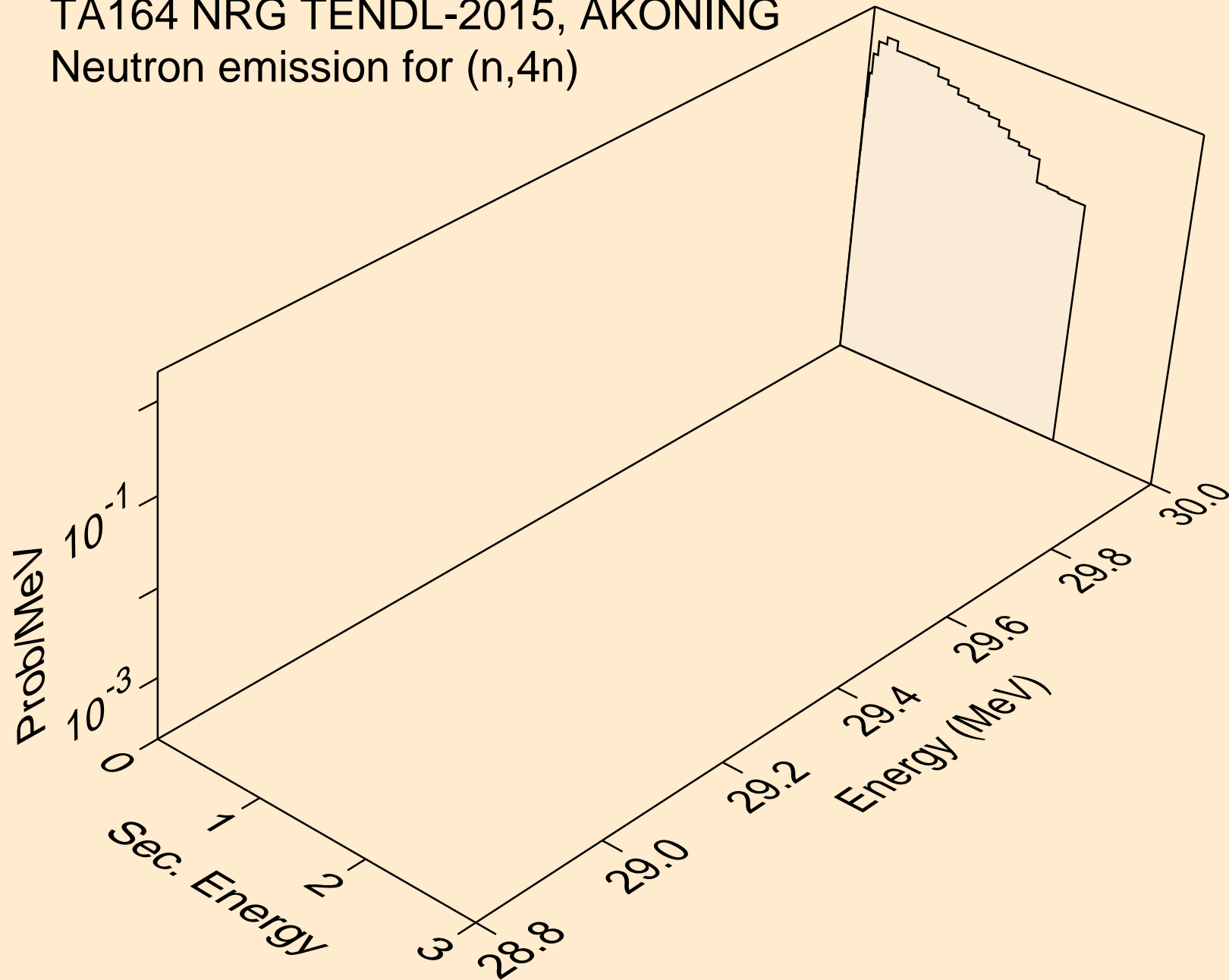
TA164 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



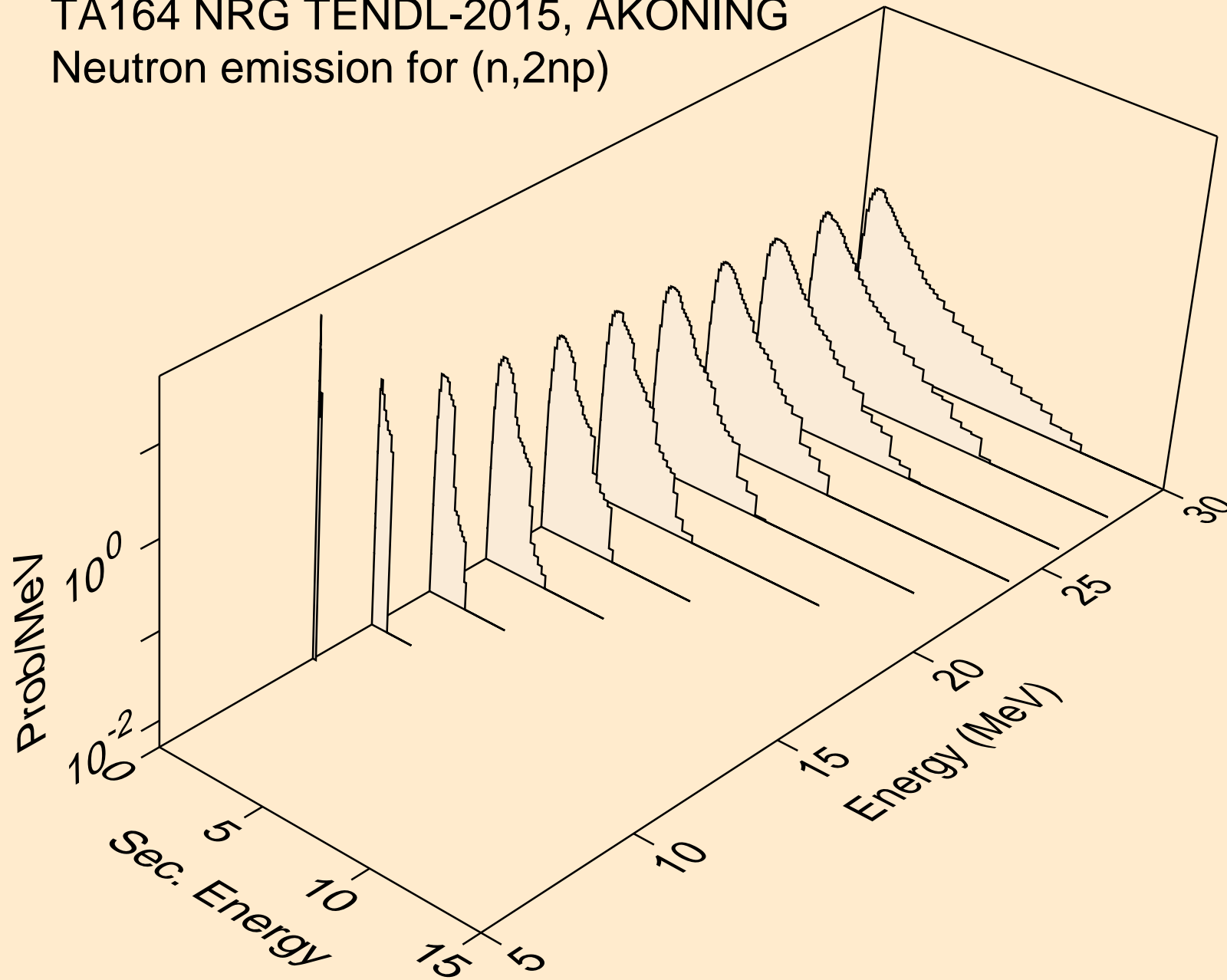
TA164 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d2a



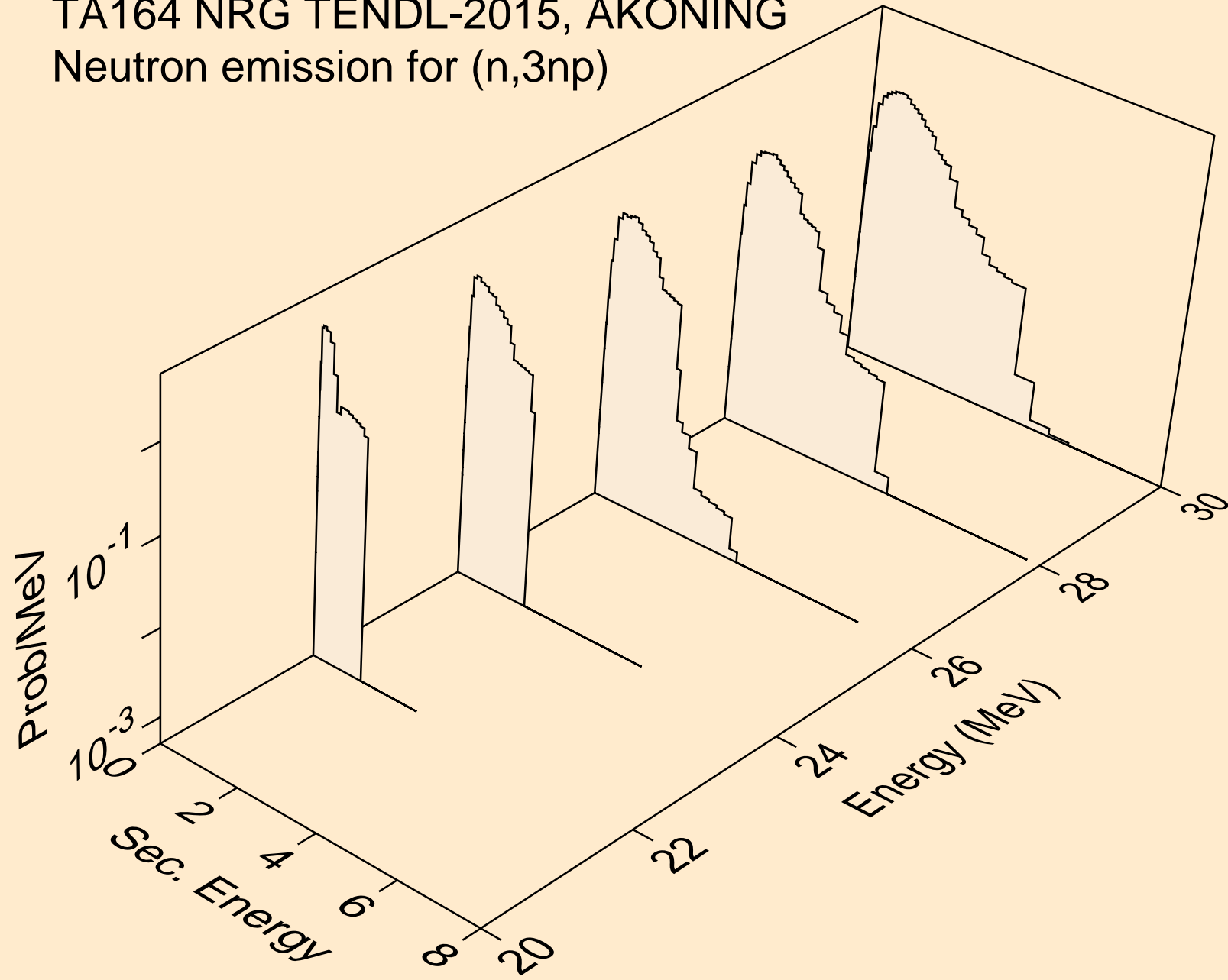
TA164 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



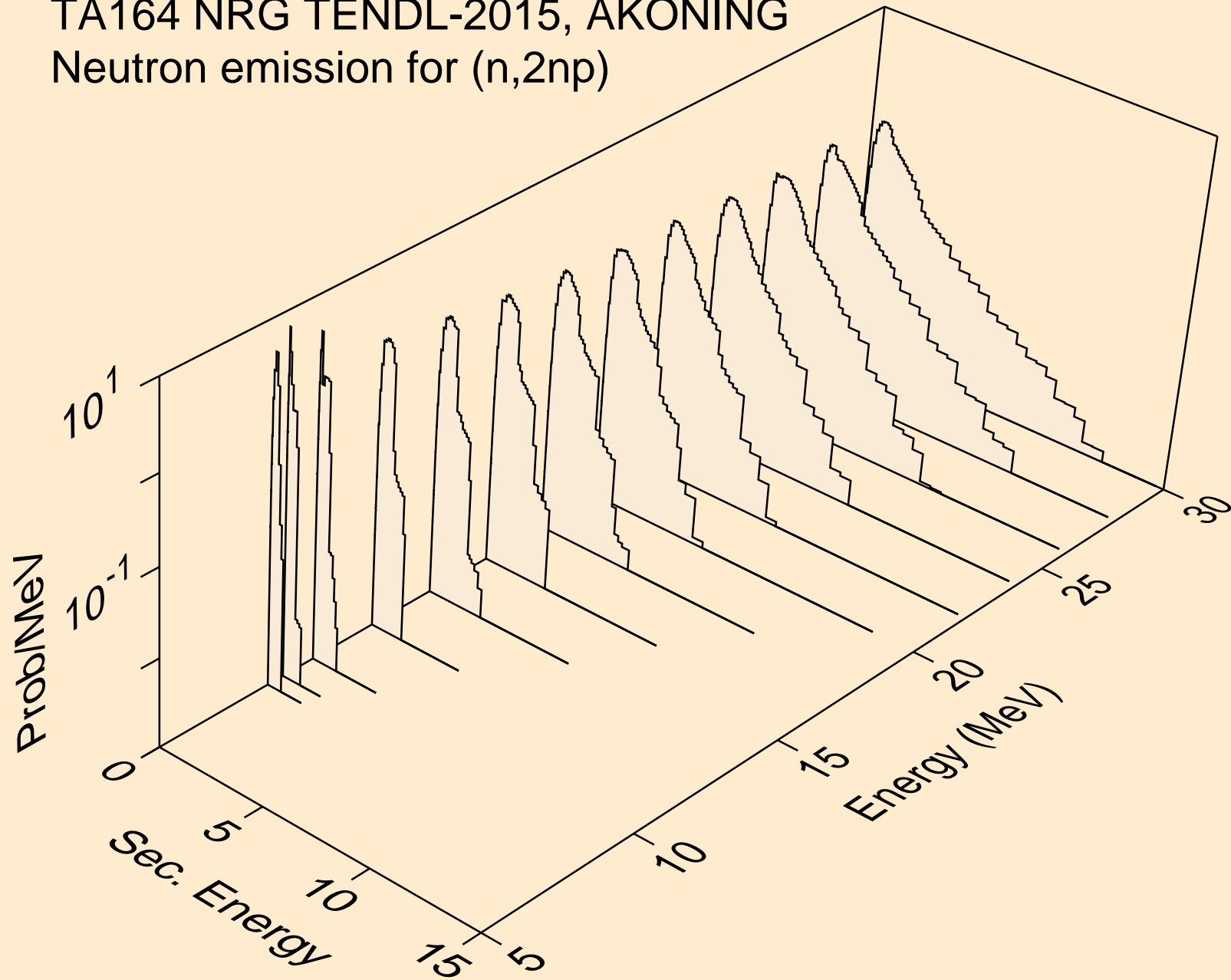
TA164 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



TA164 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

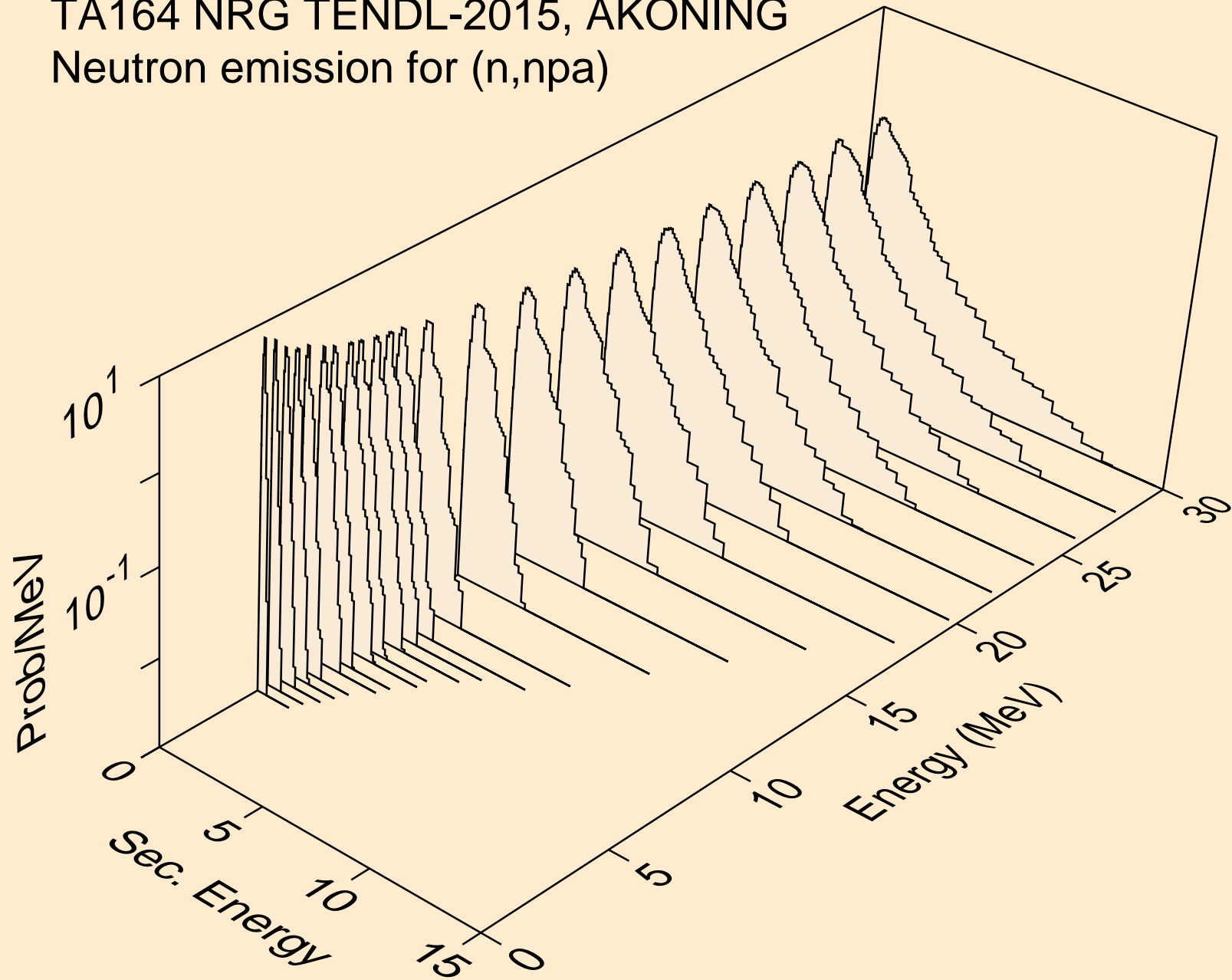


TA164 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

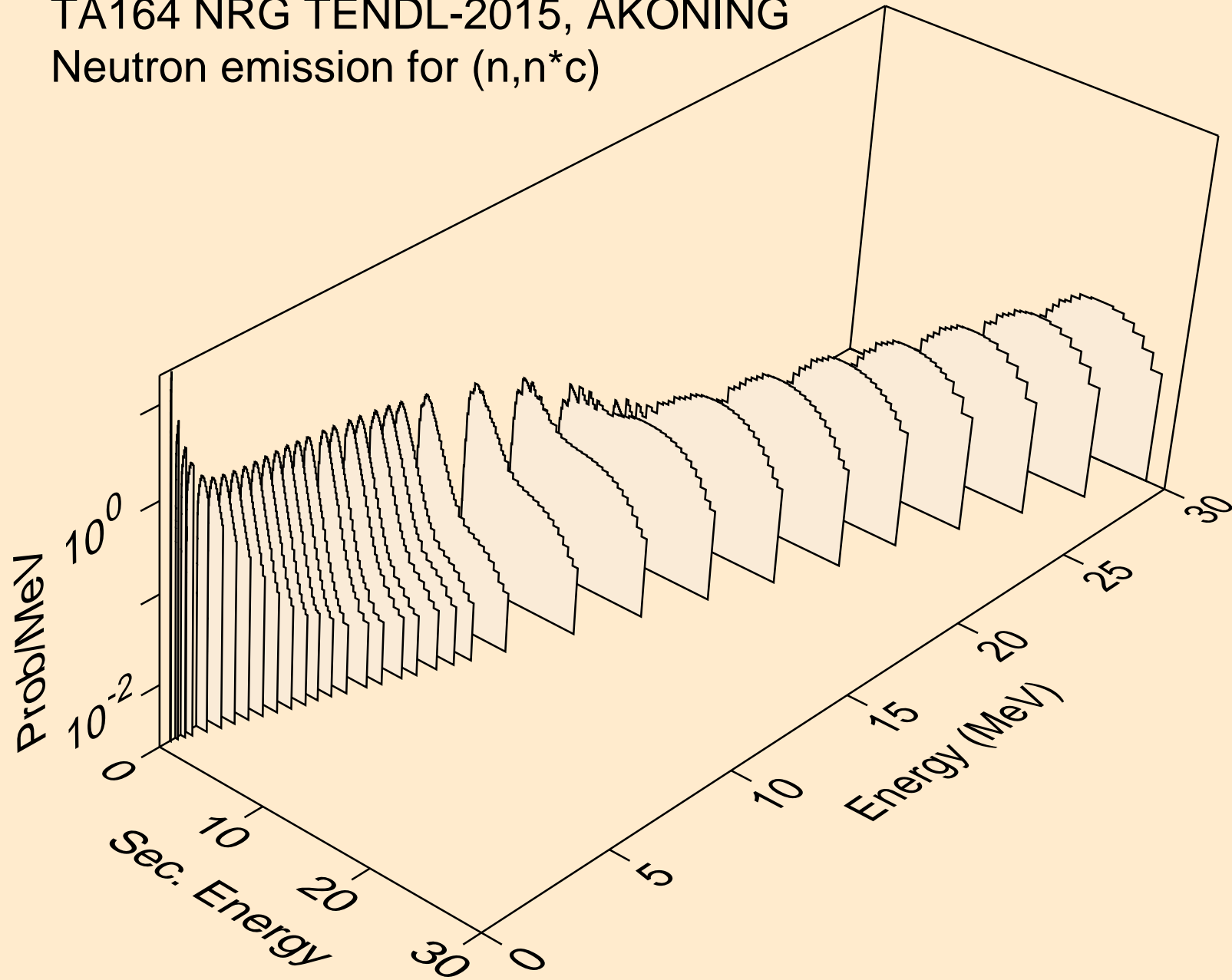




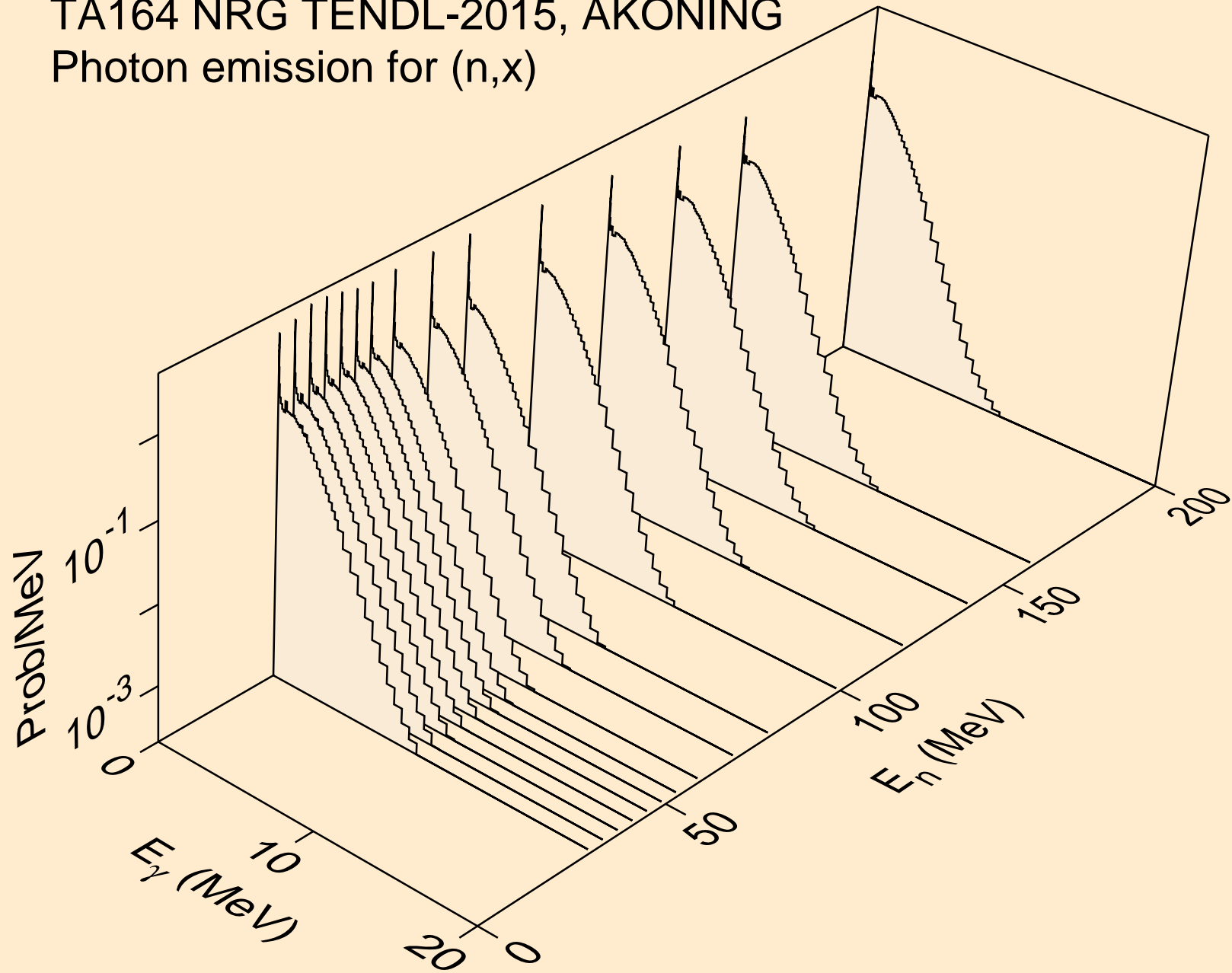
TA164 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



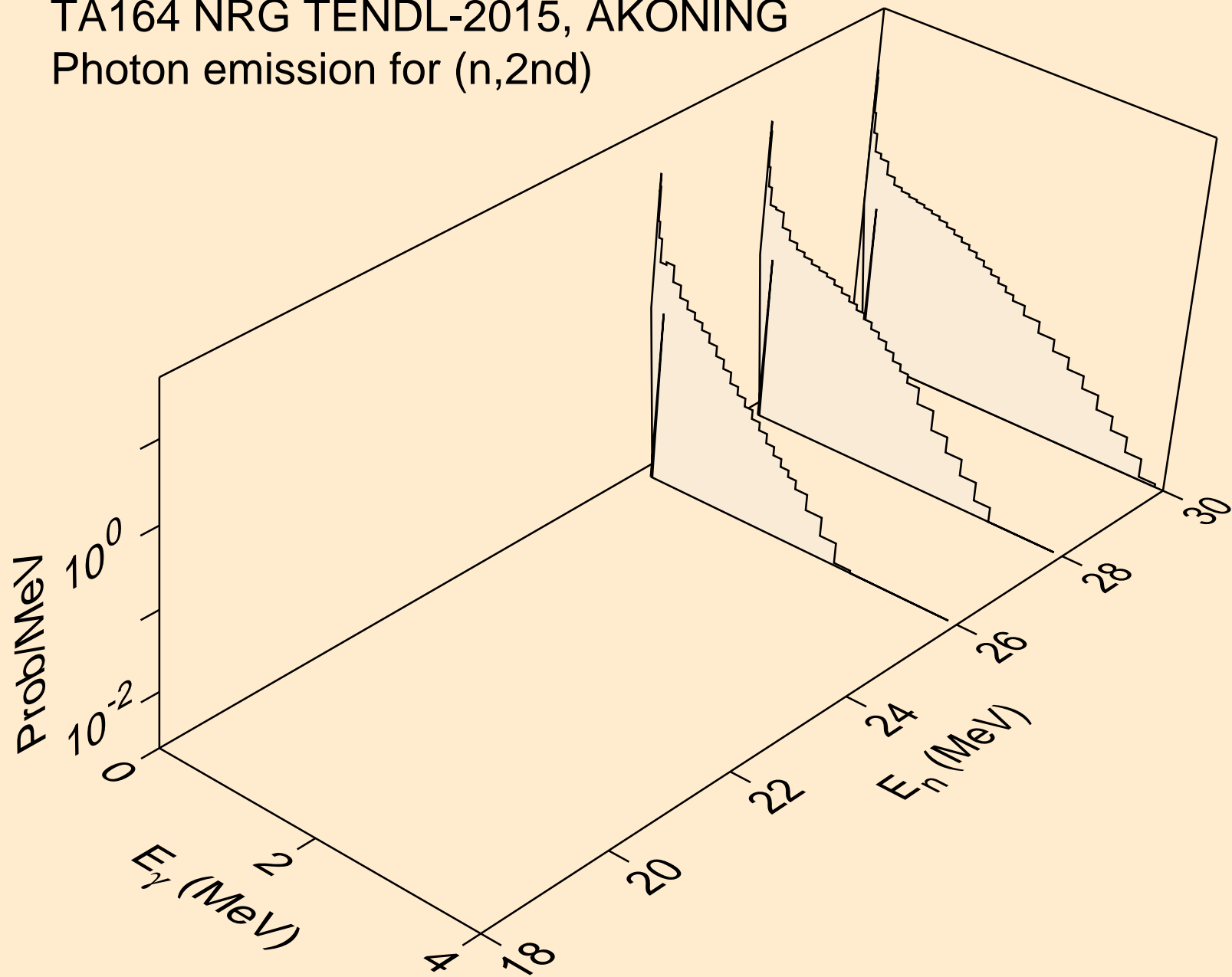
TA164 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



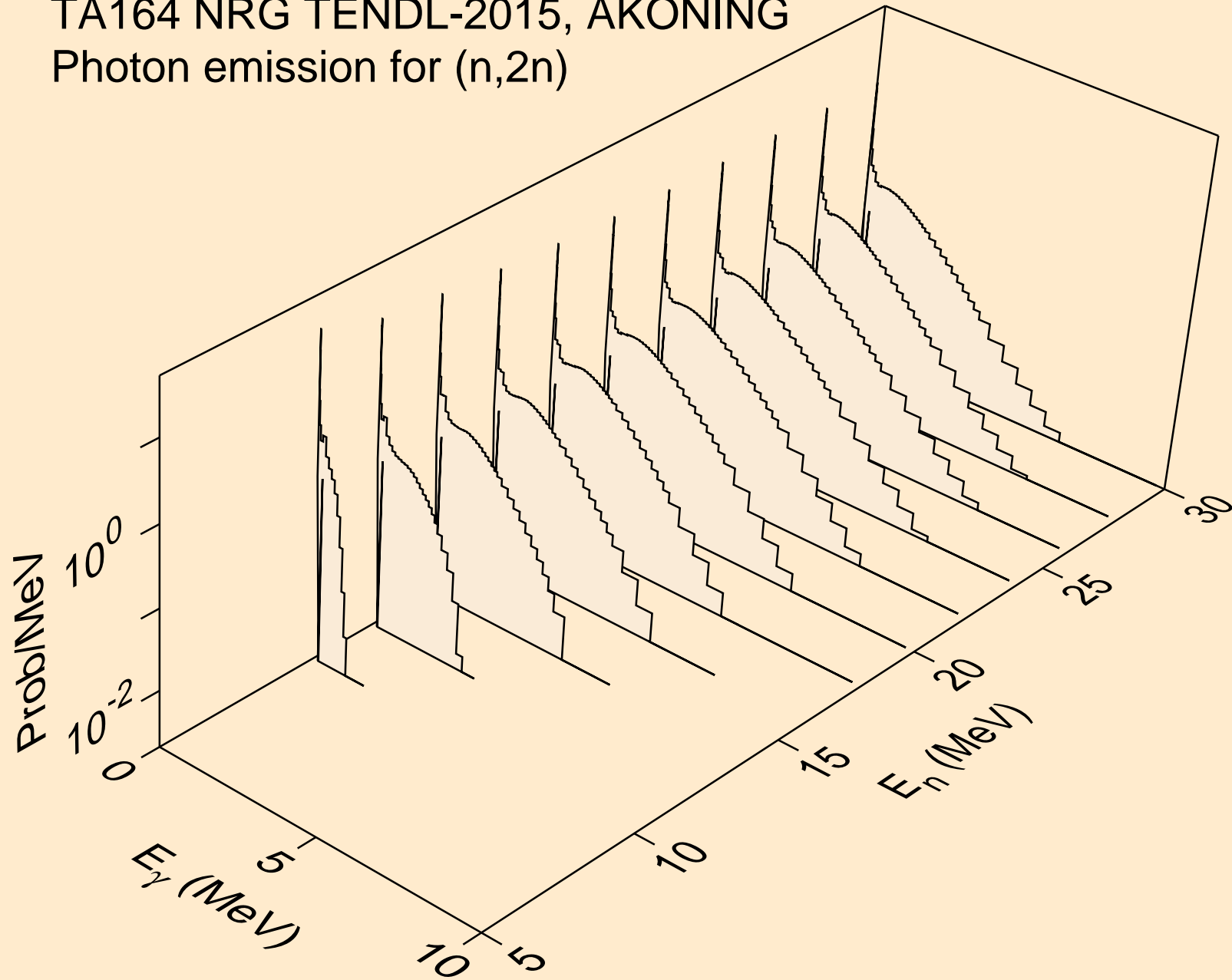
TA164 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



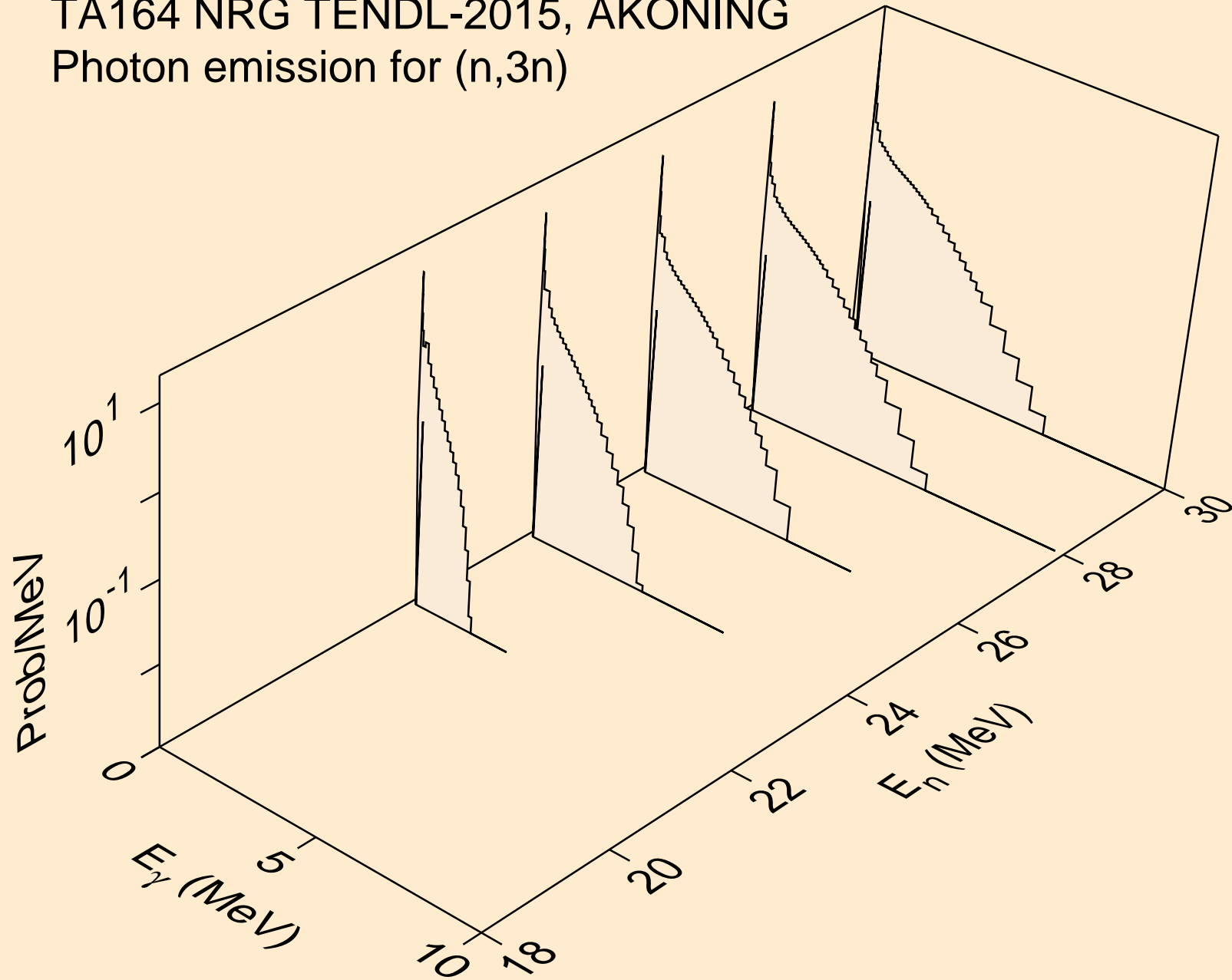
TA164 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



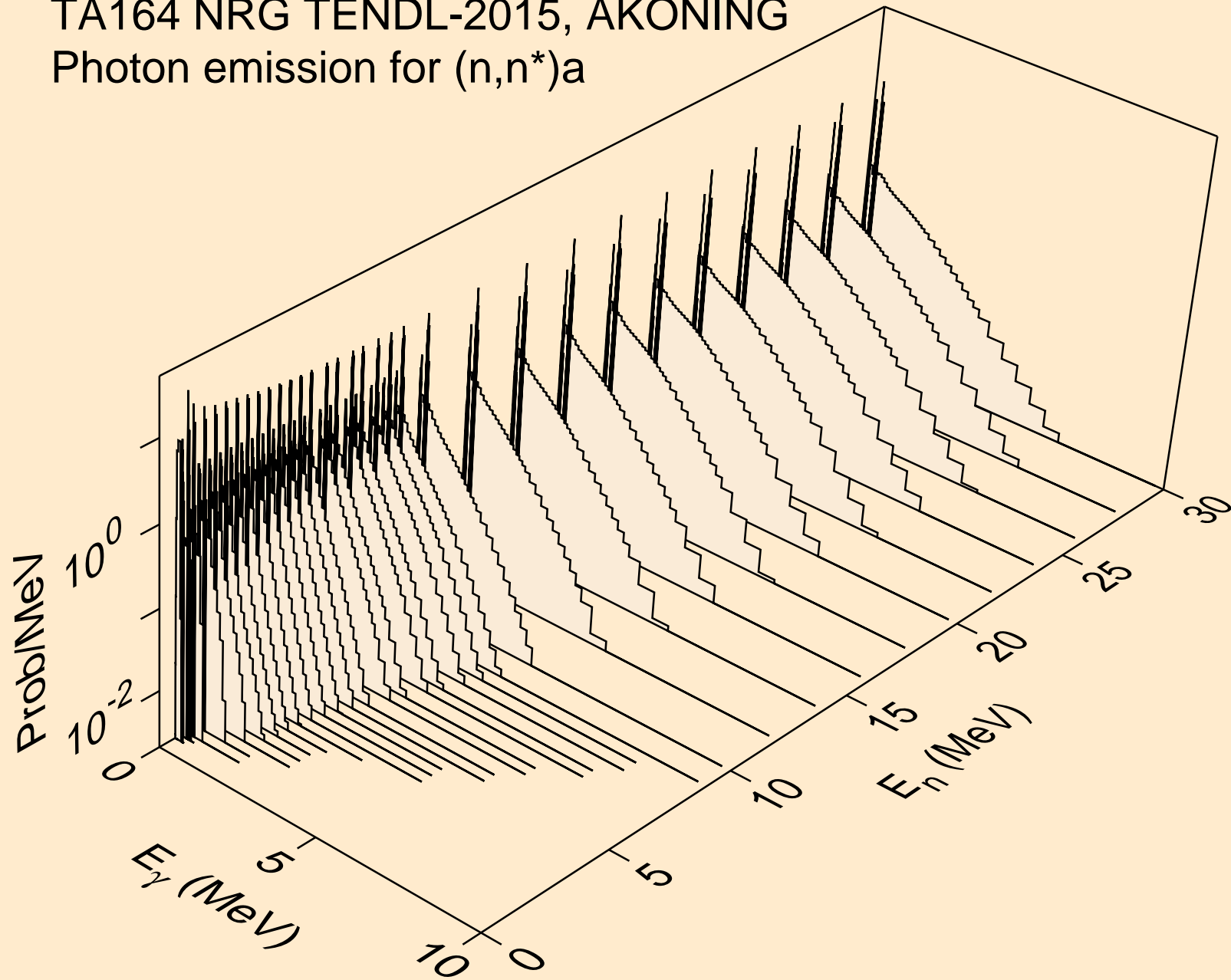
TA164 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



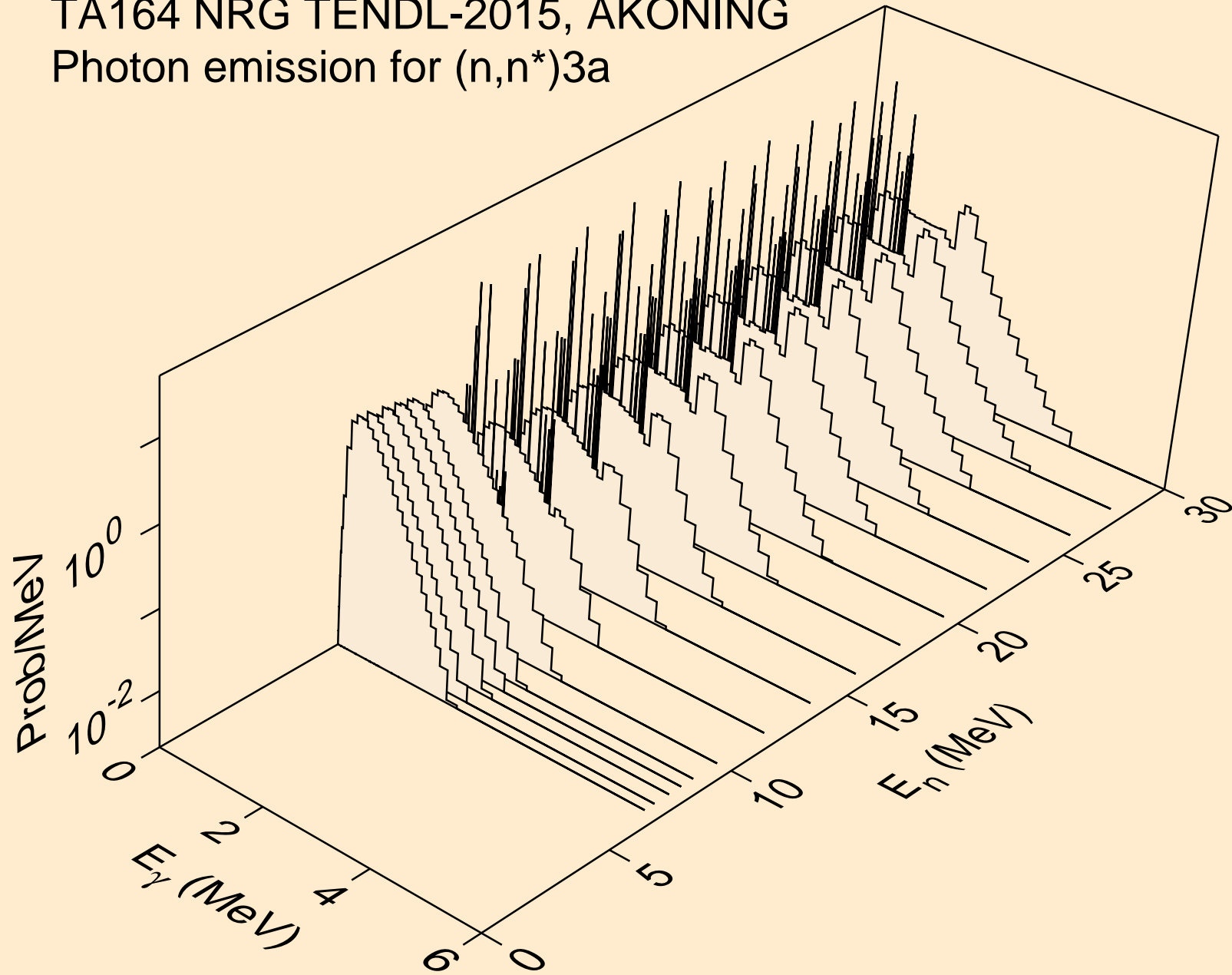
TA164 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



TA164 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

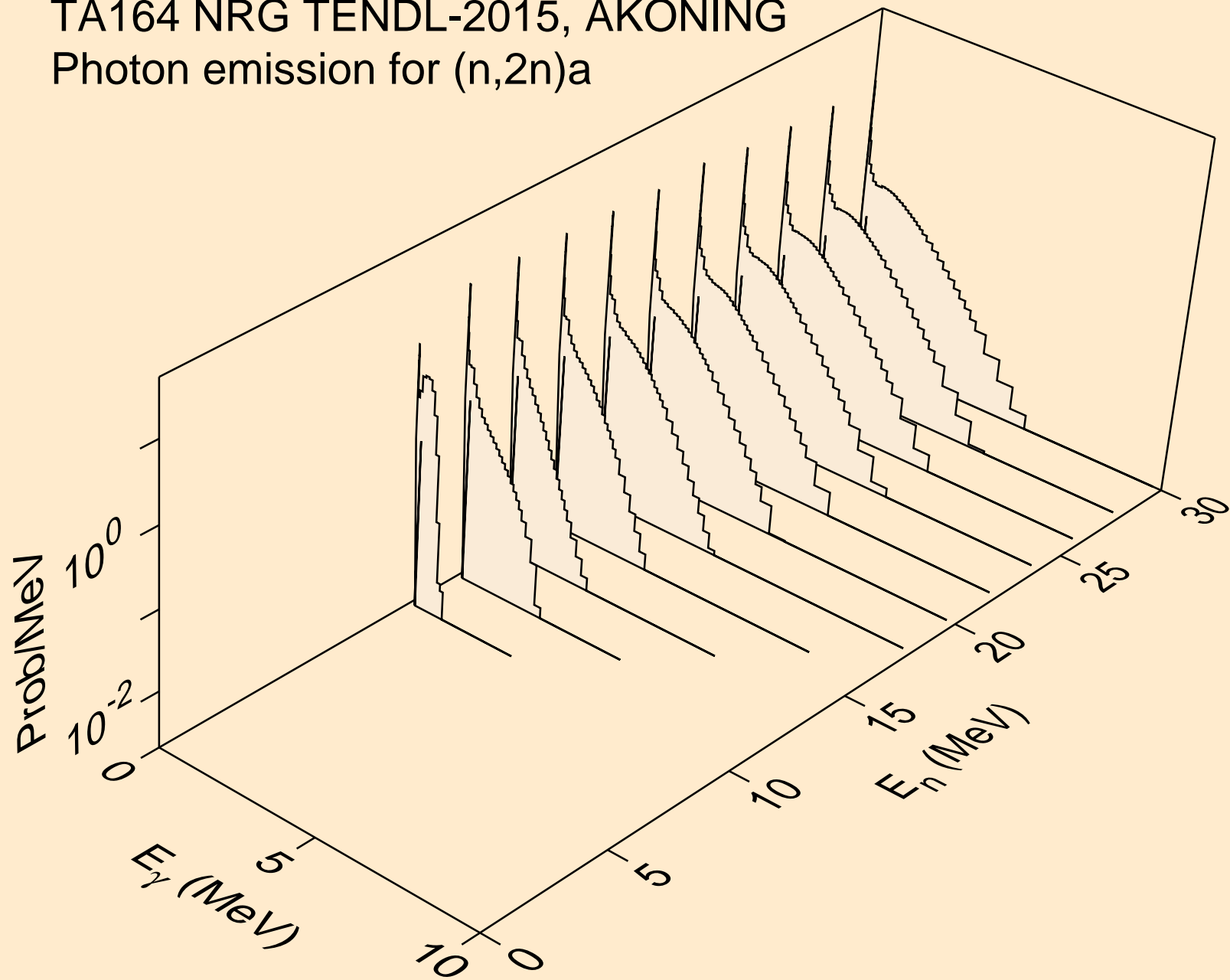


TA164 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a

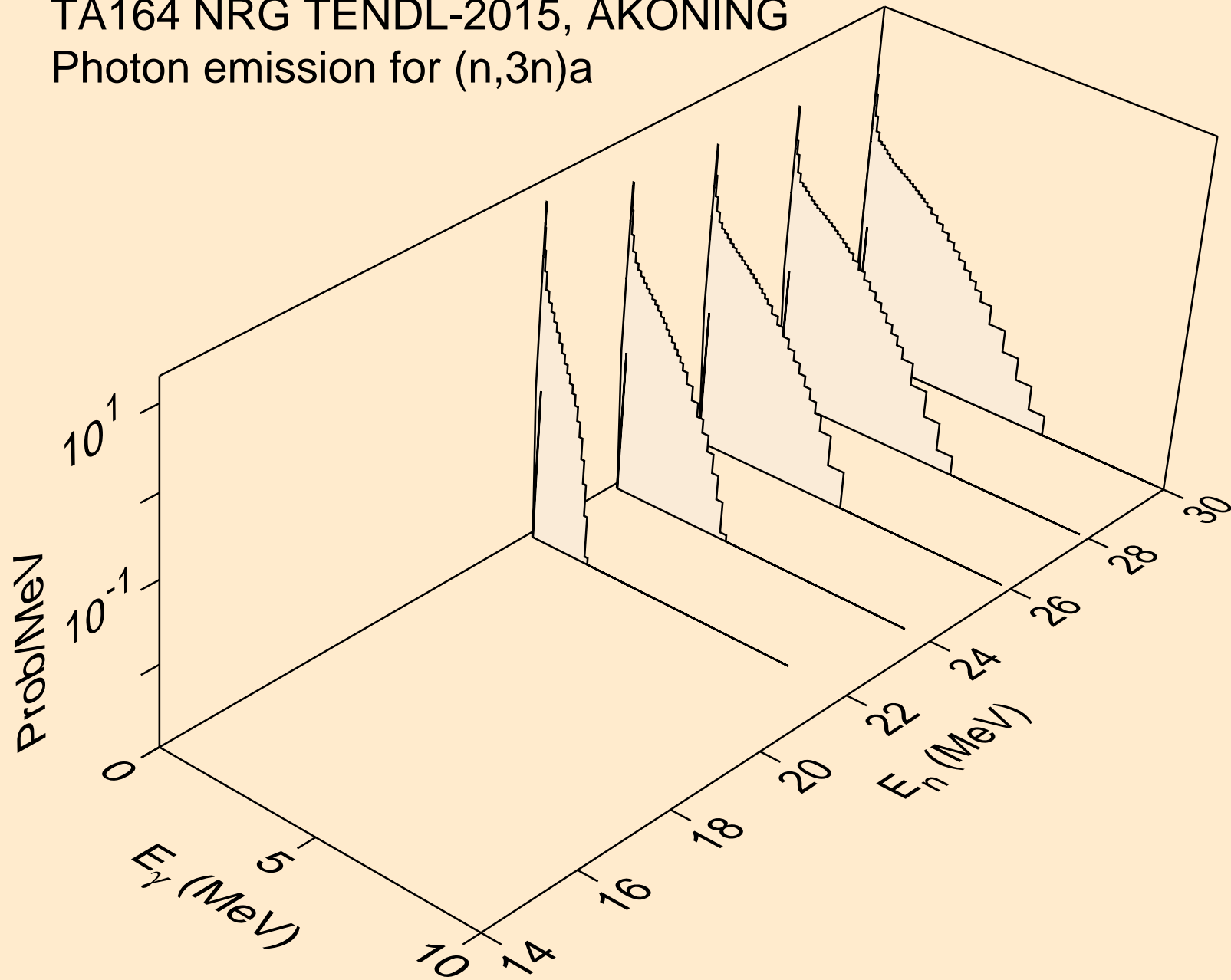




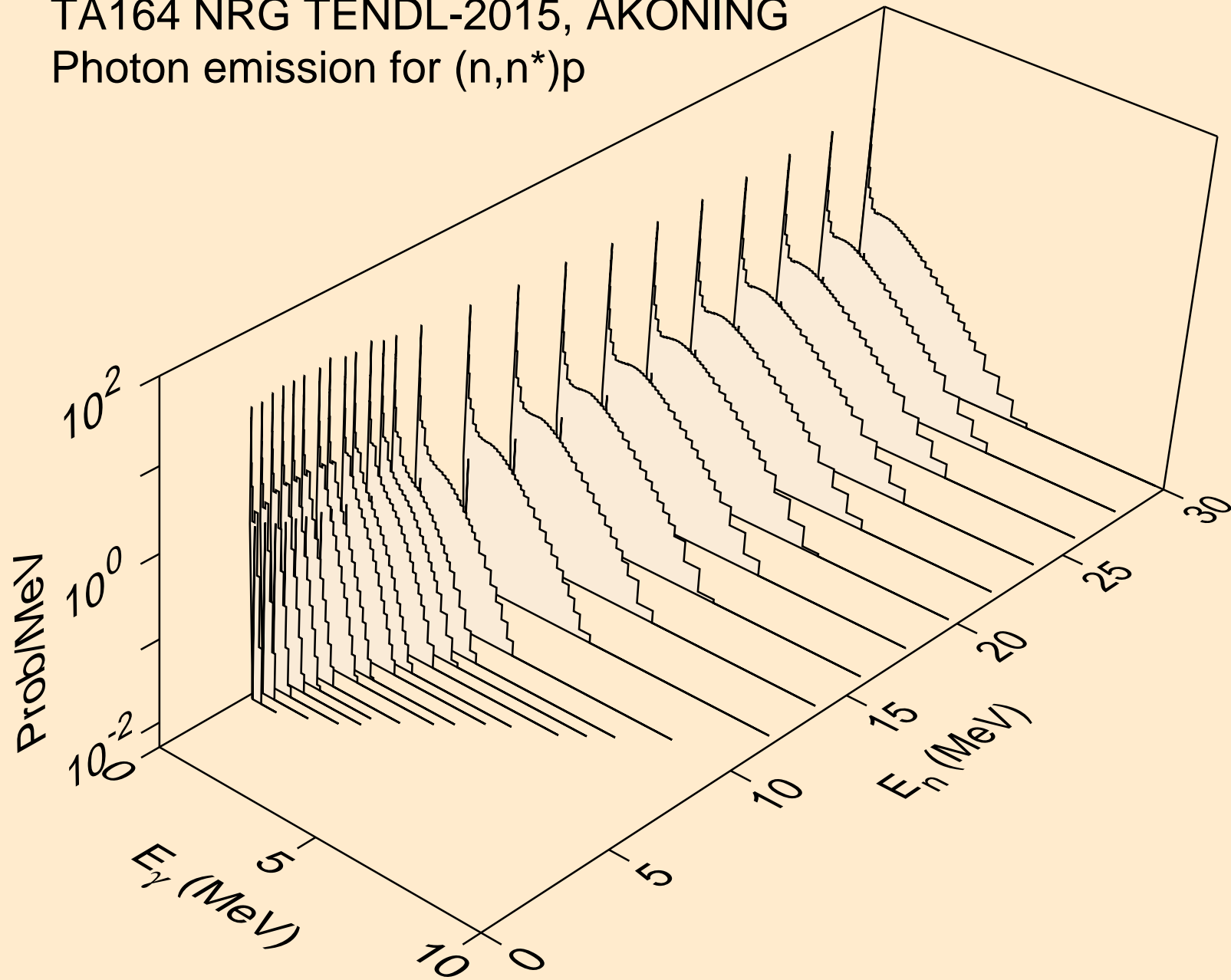
TA164 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



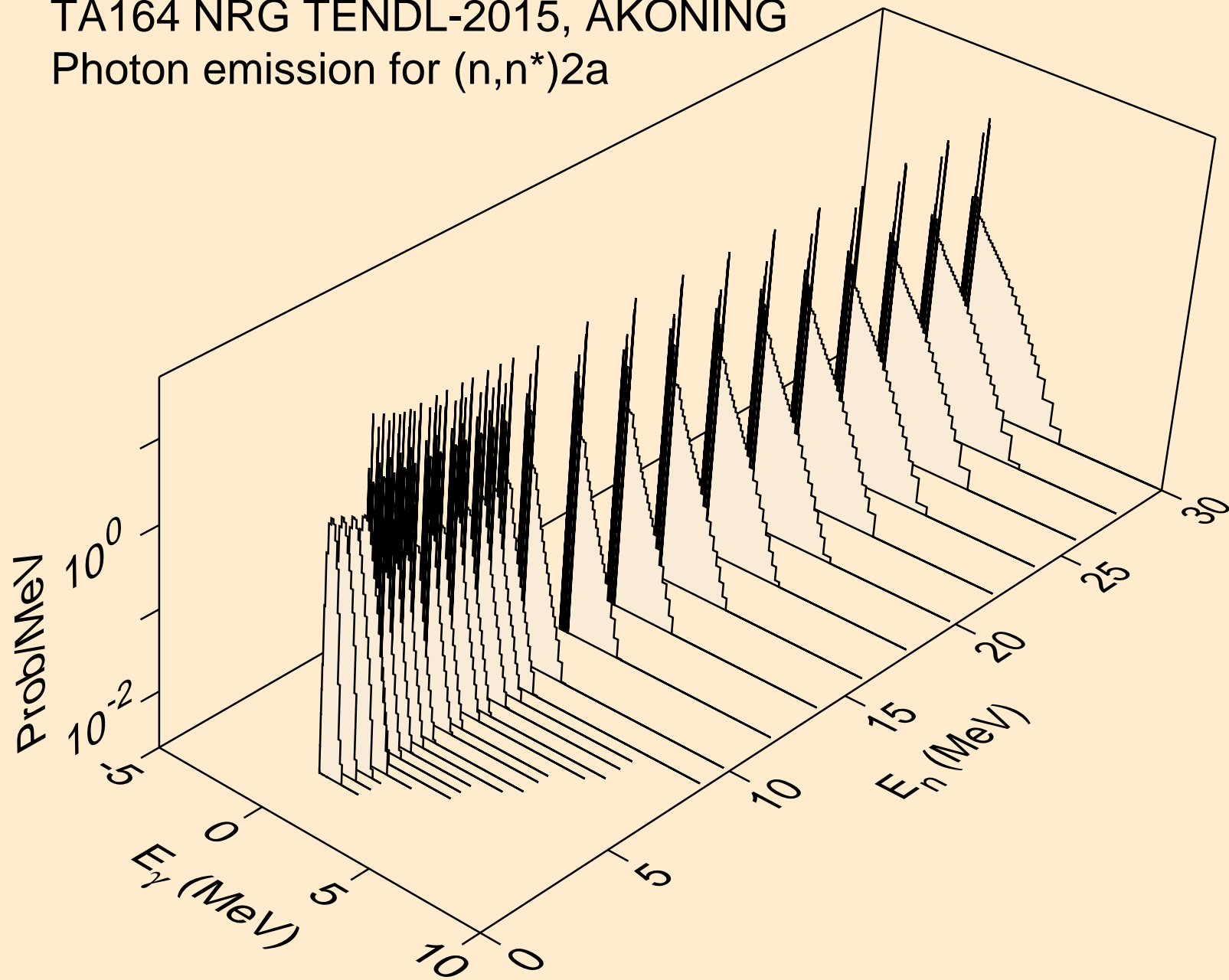
TA164 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



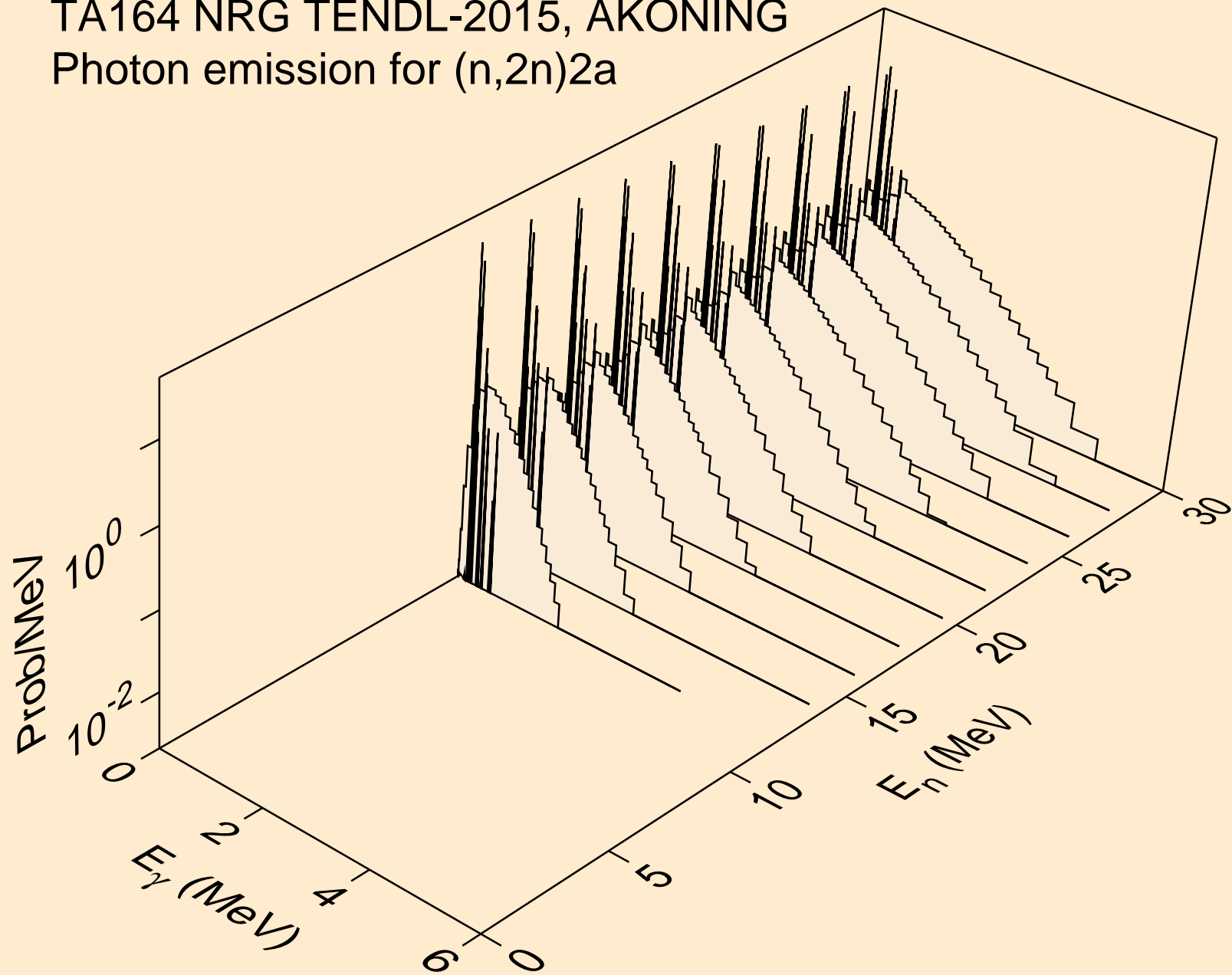
TA164 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



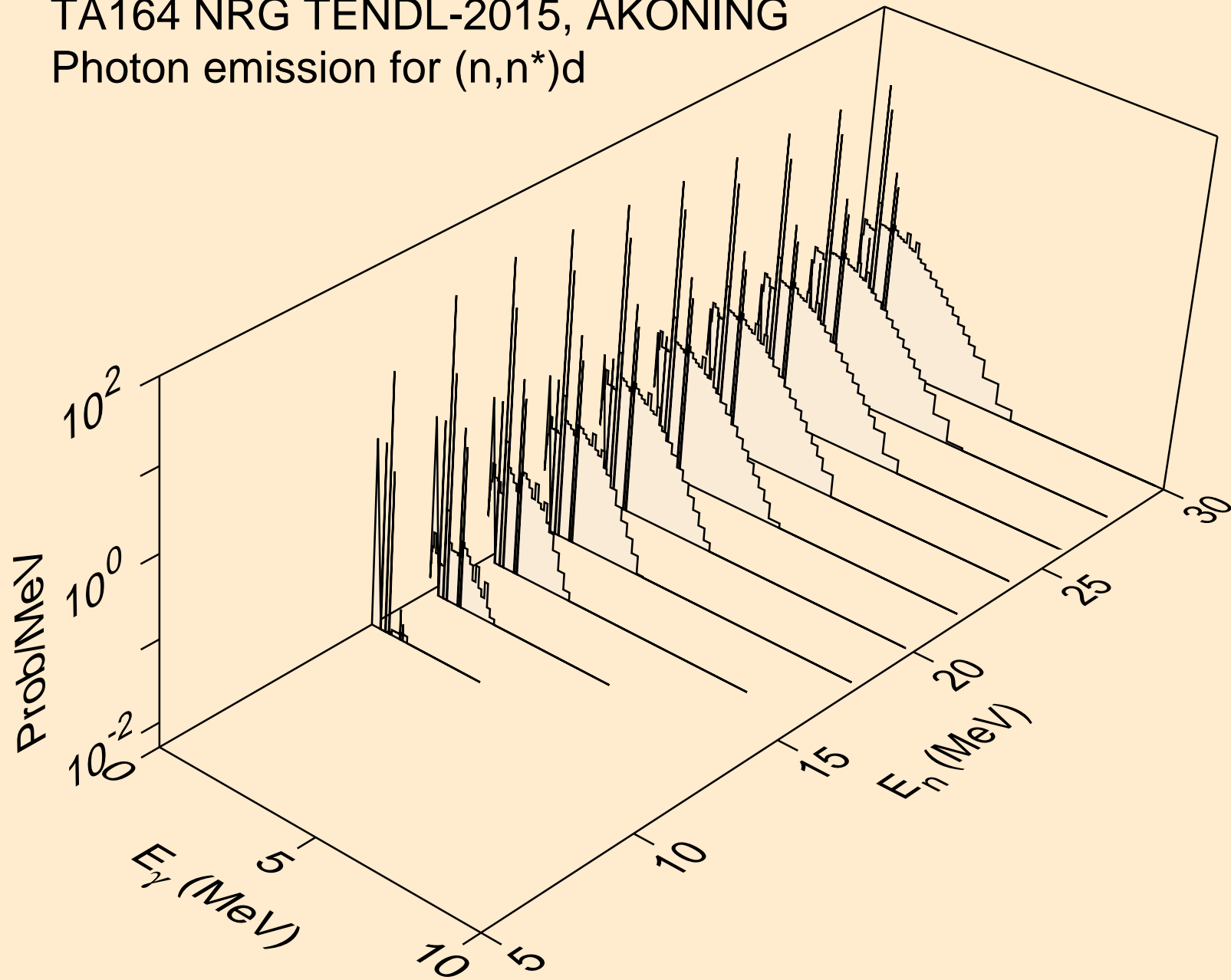
TA164 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



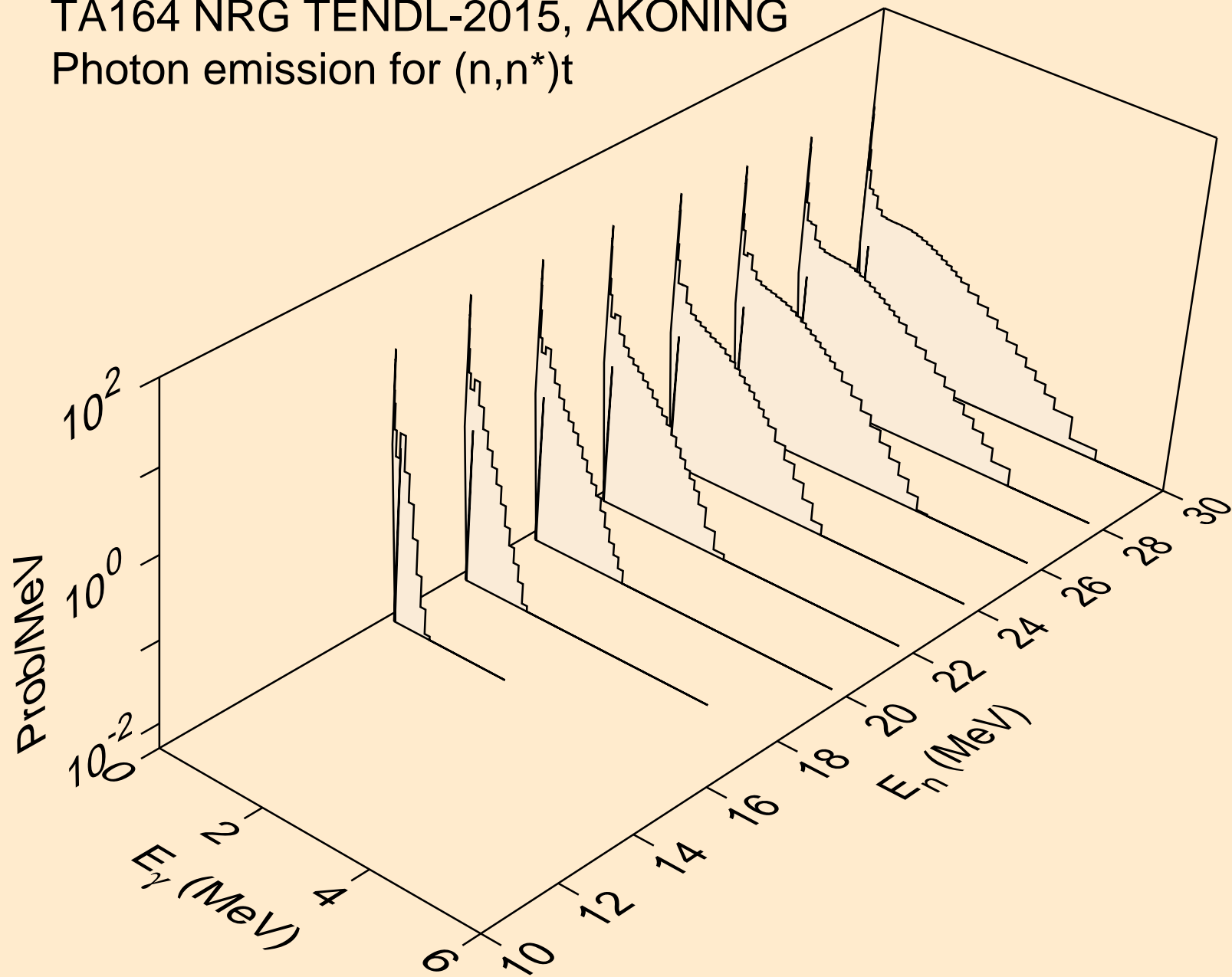
TA164 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



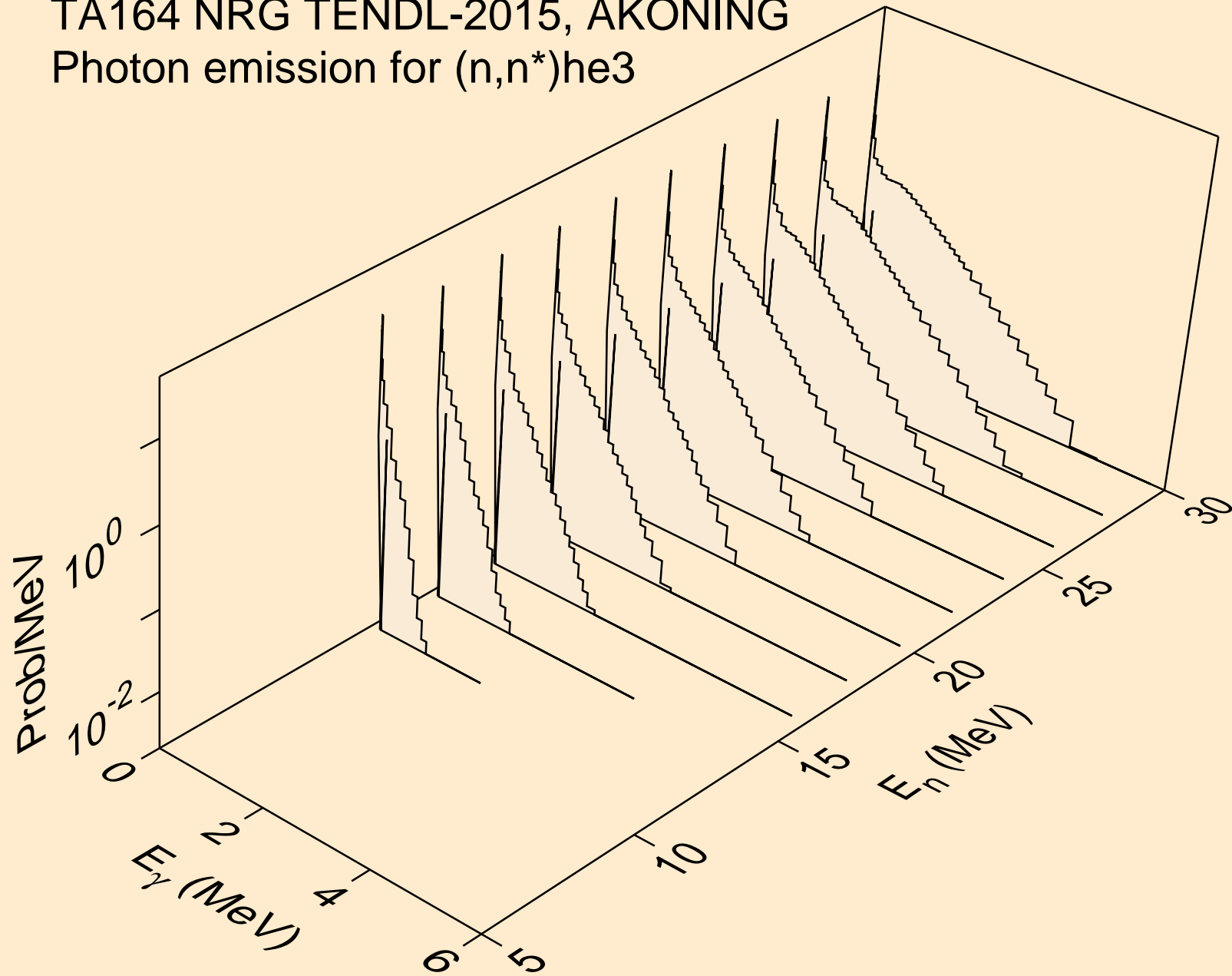
TA164 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



TA164 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

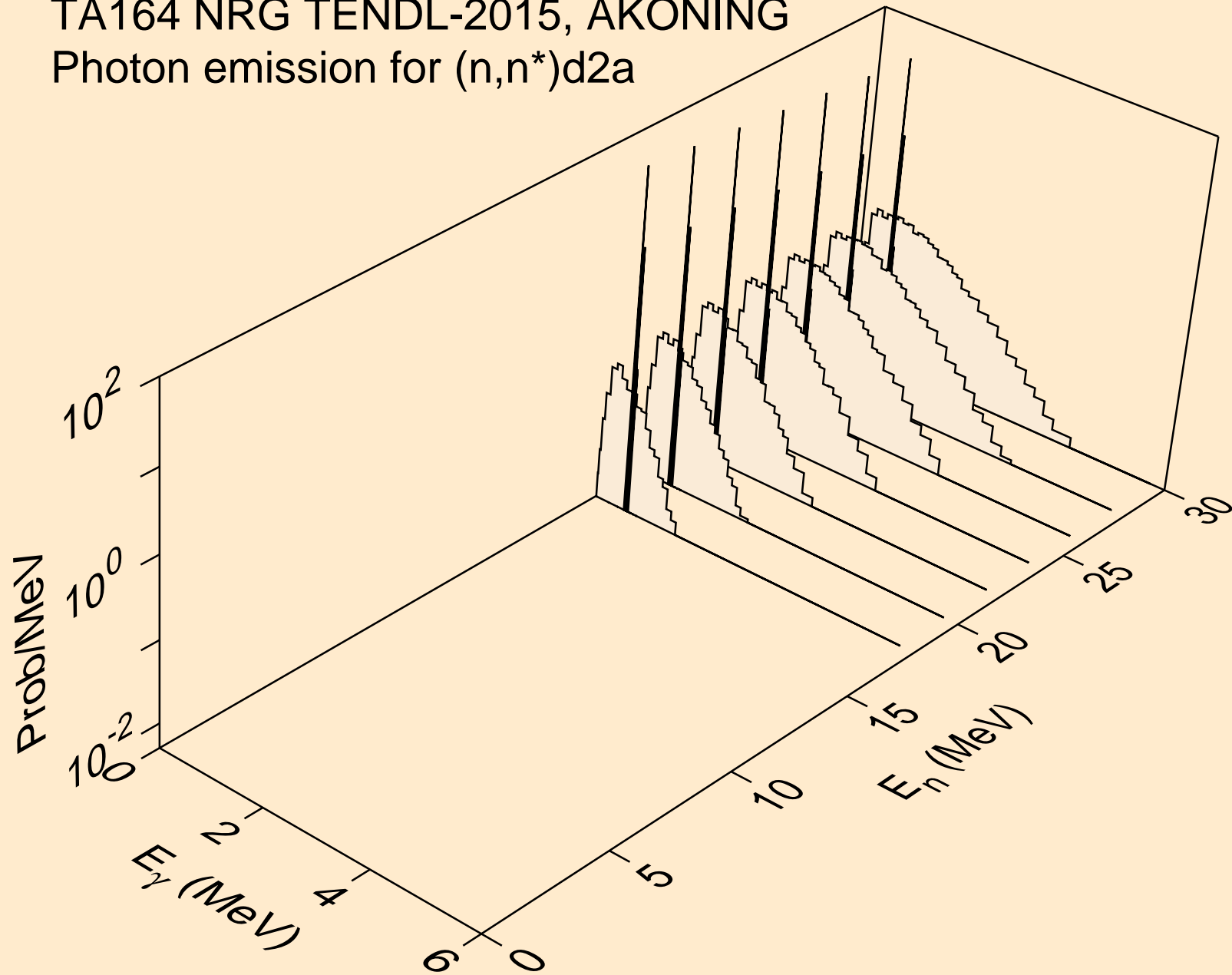


TA164 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

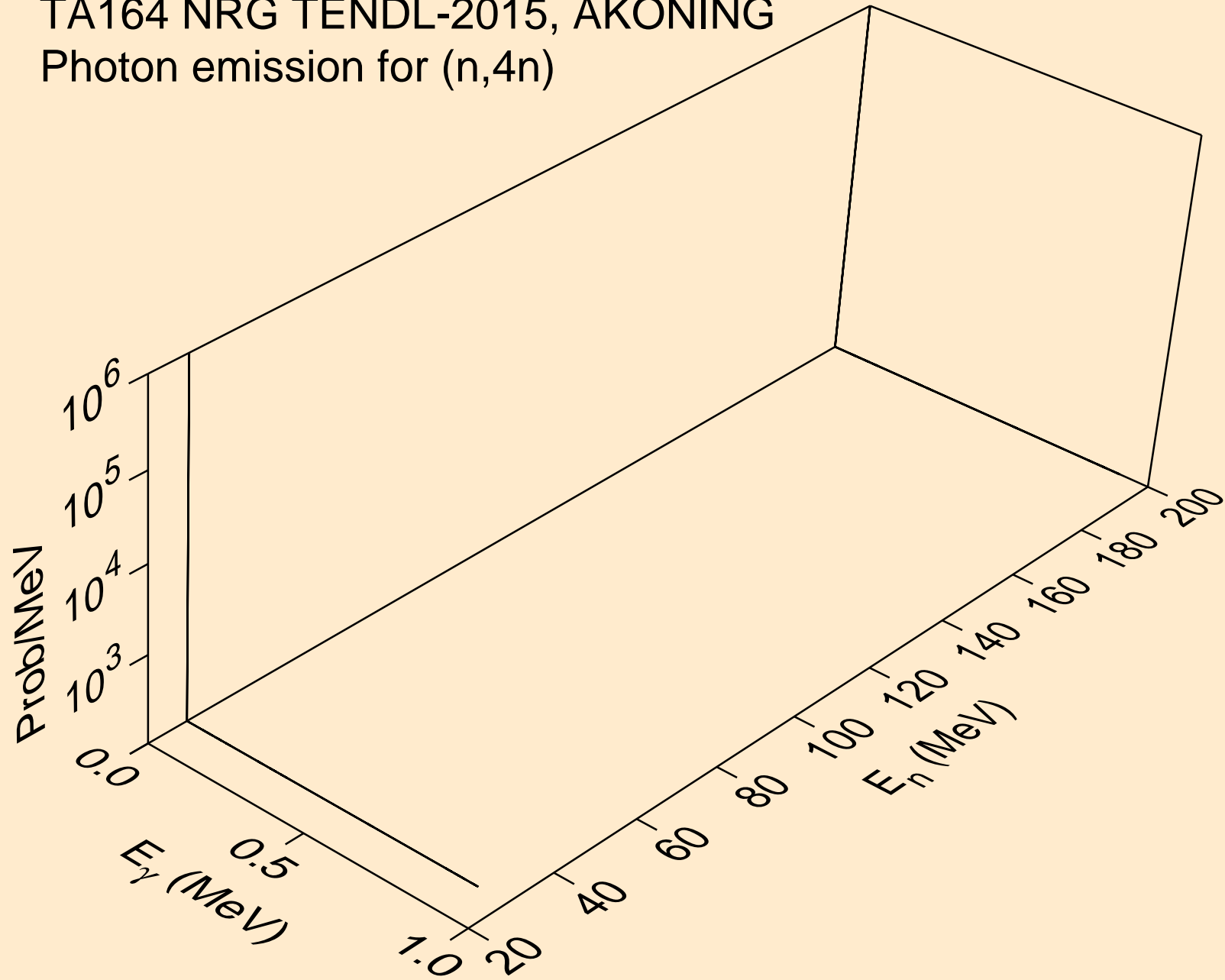




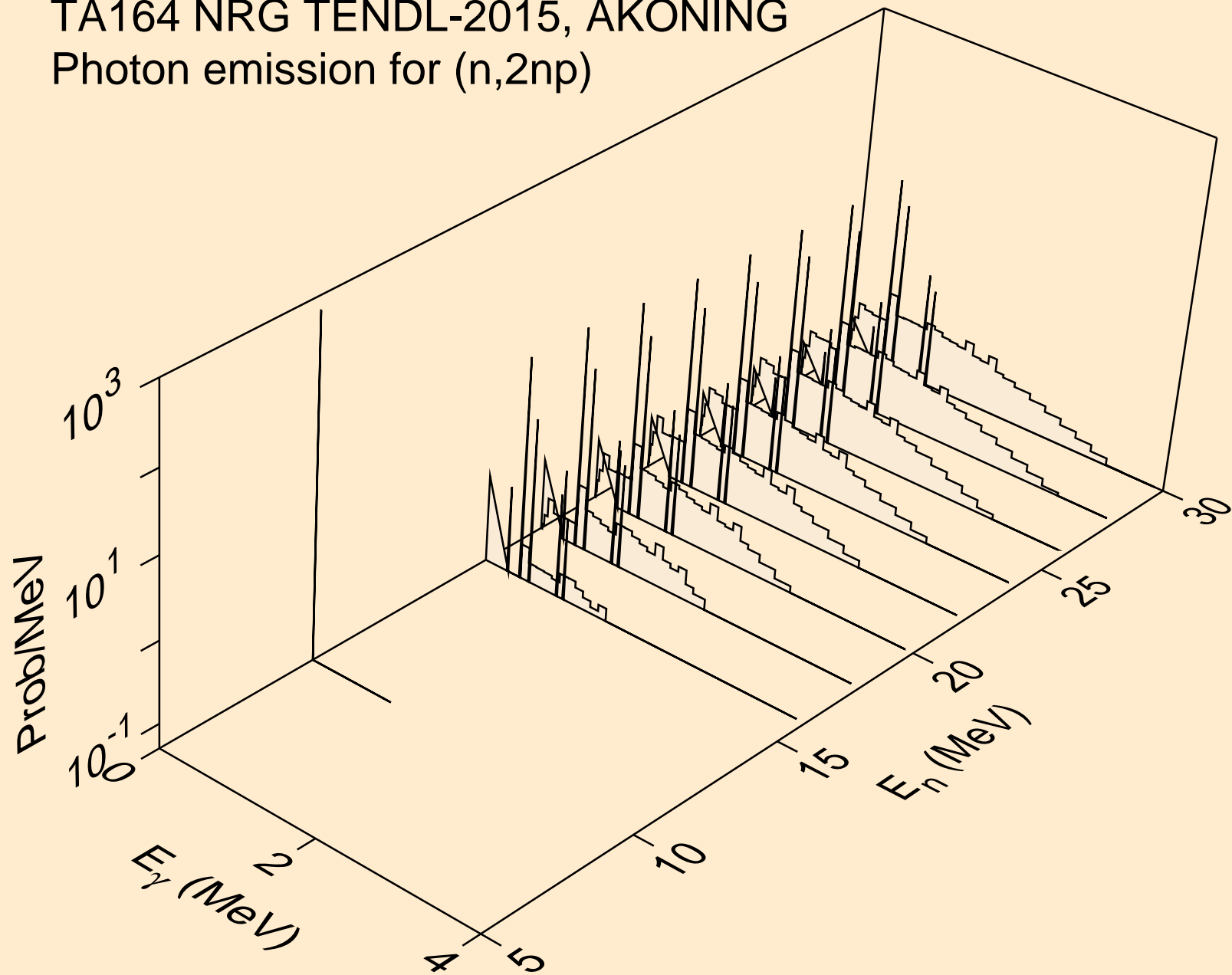
TA164 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d2a



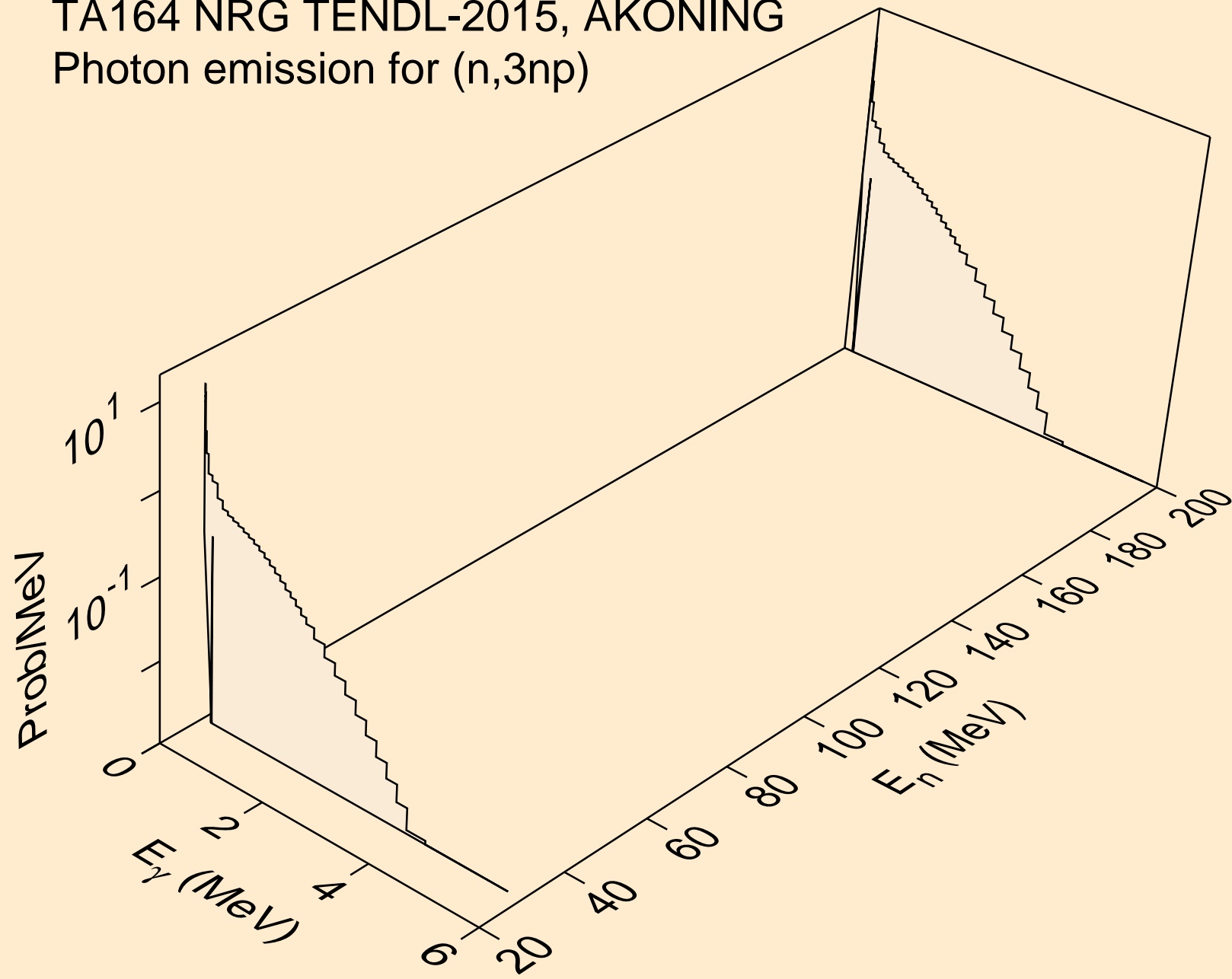
TA164 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



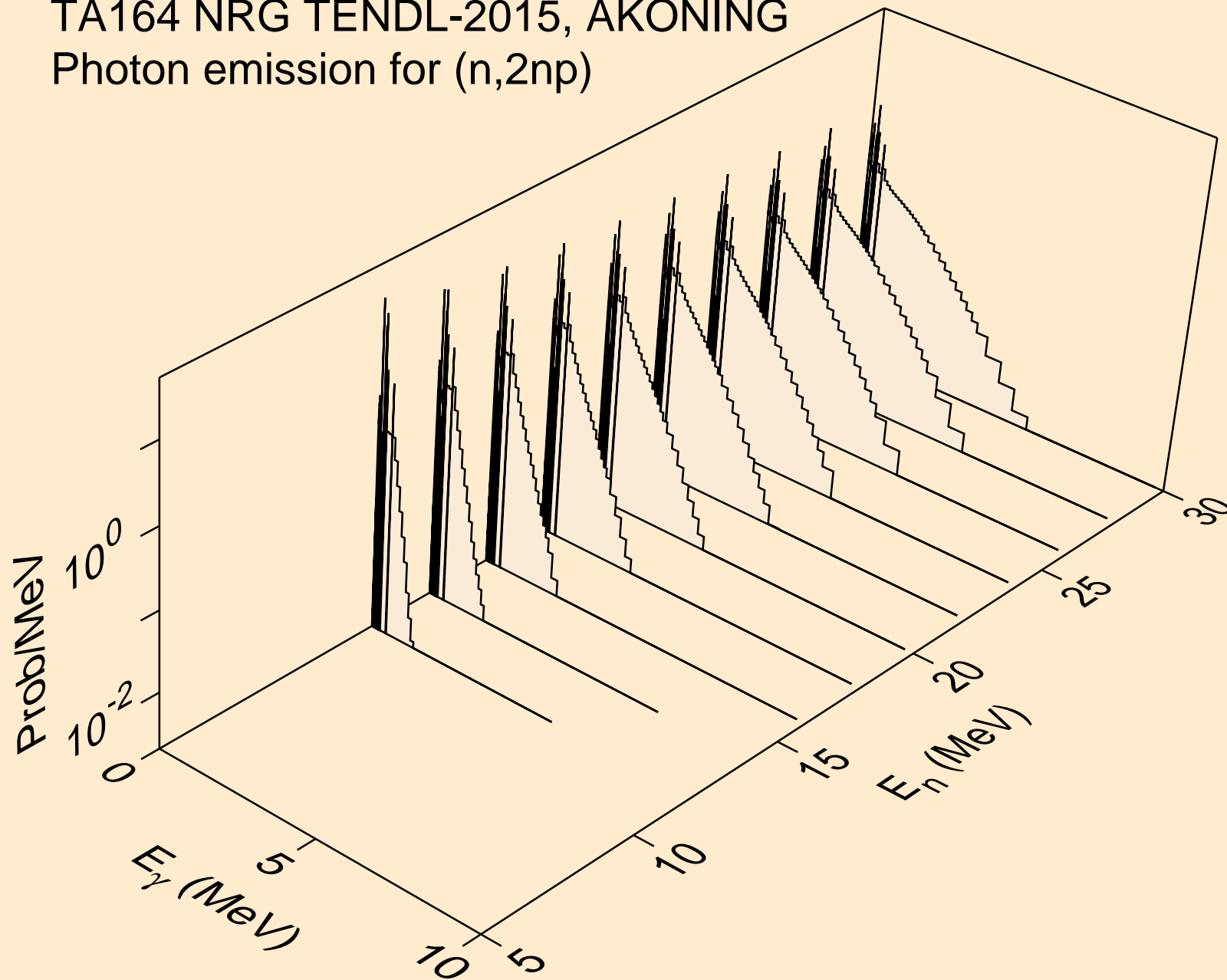
TA164 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



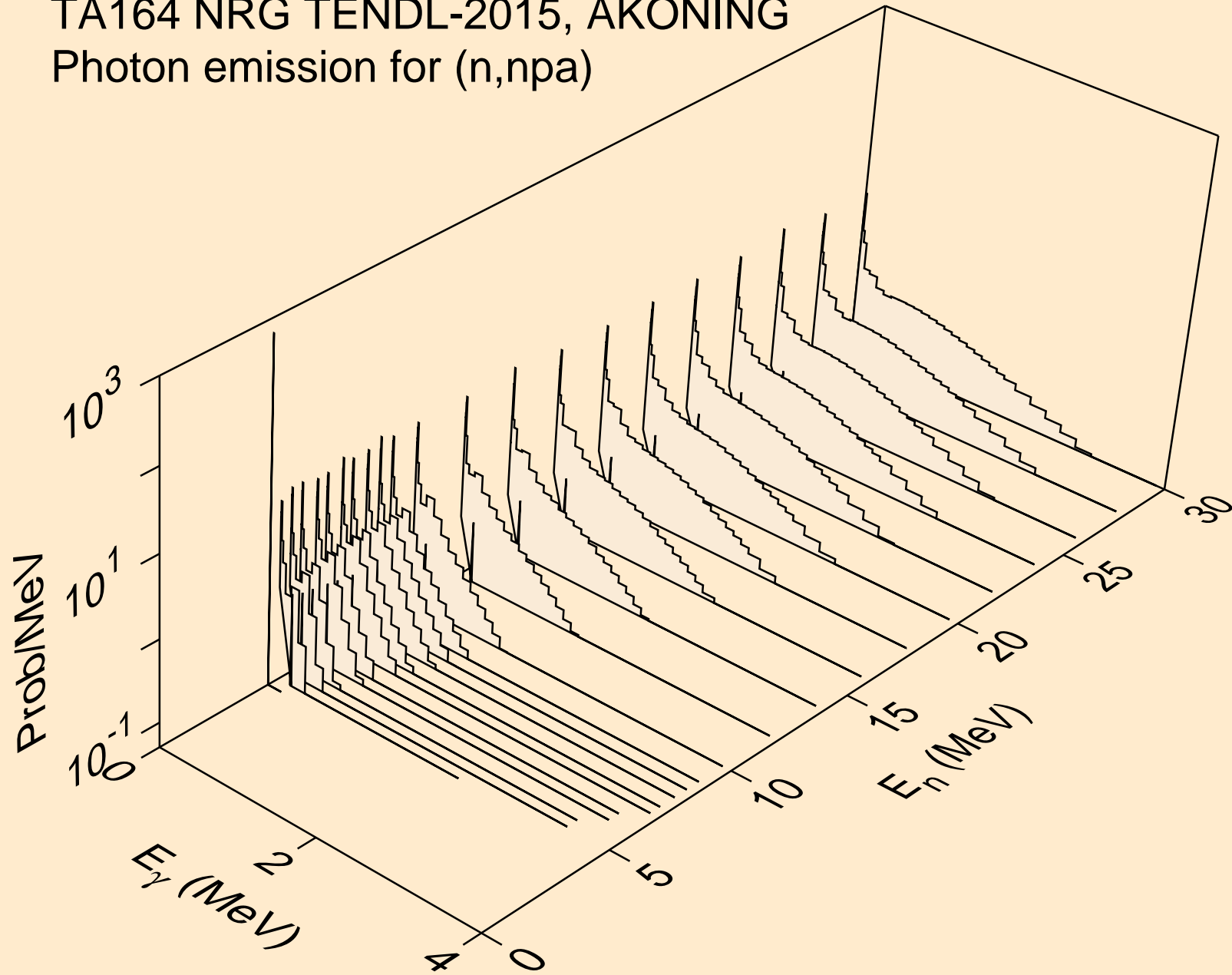
TA164 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



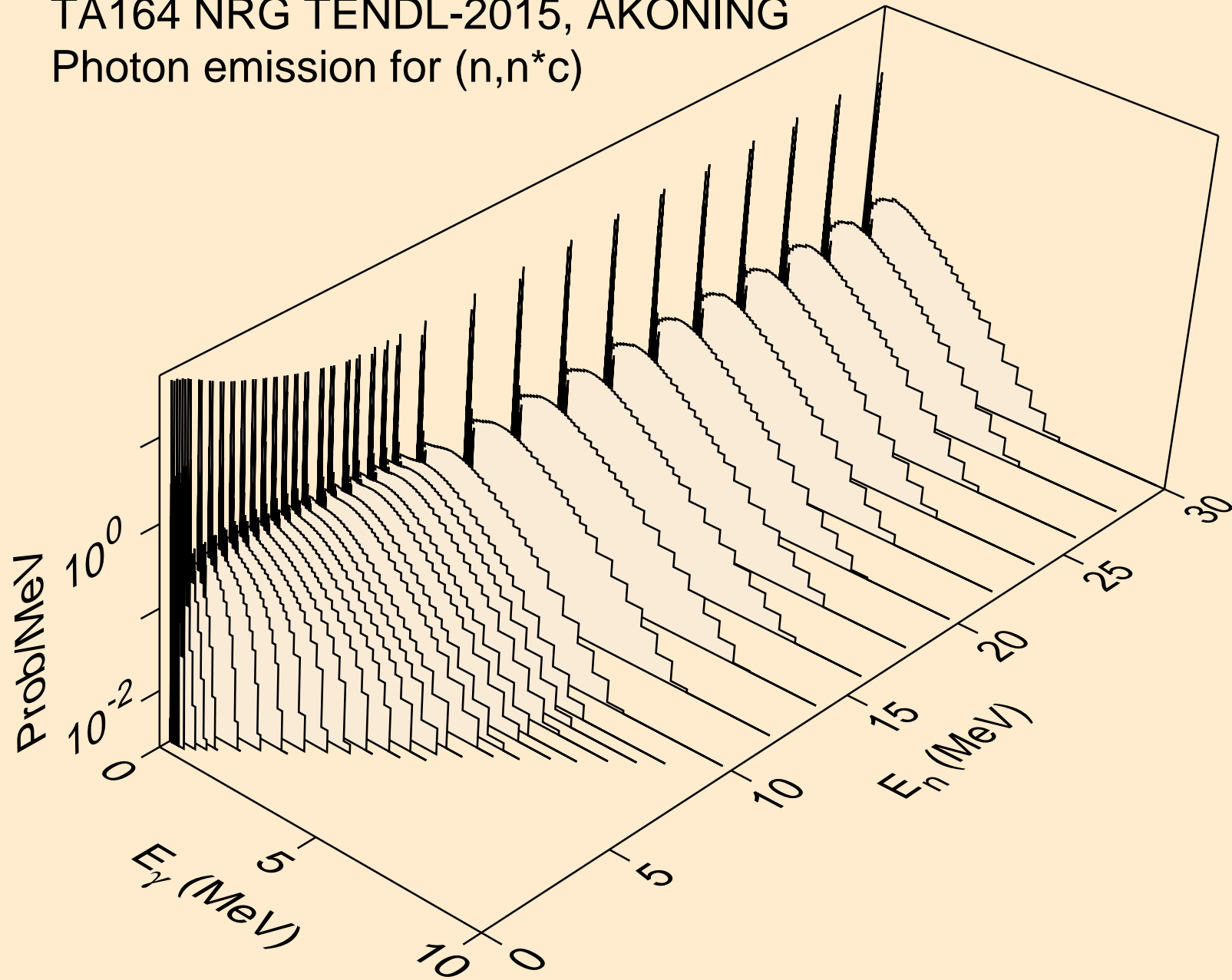
TA164 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



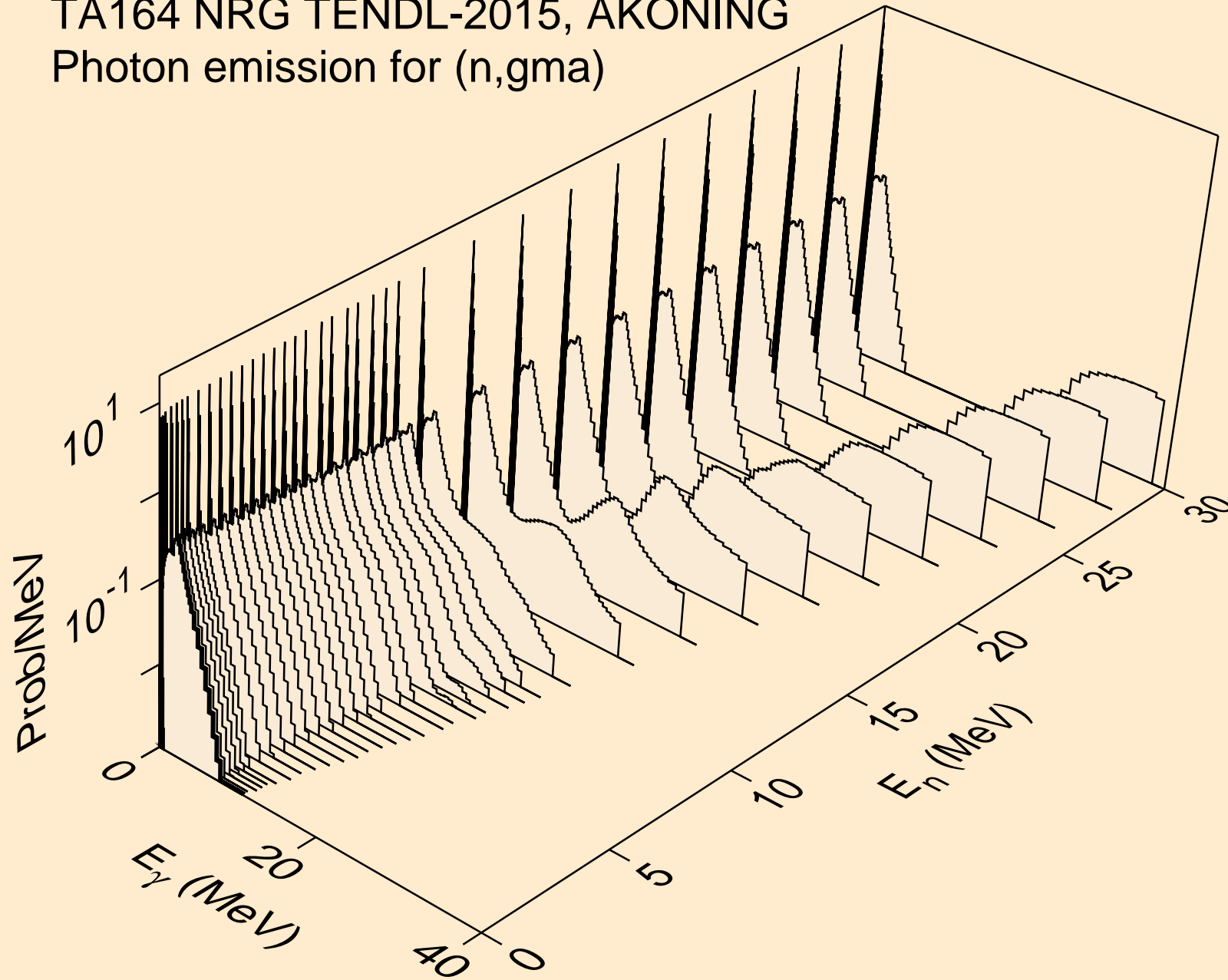
TA164 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



TA164 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

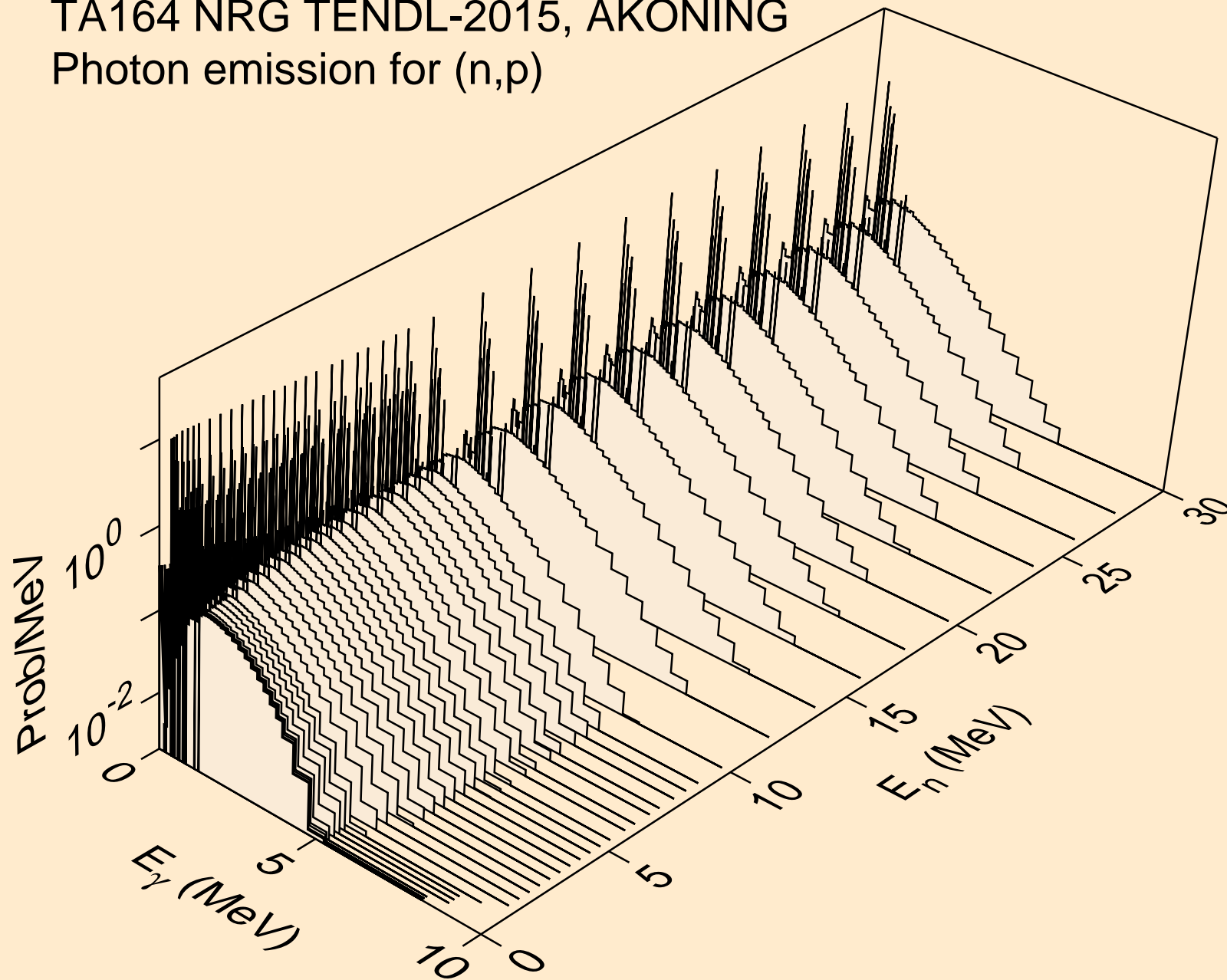


TA164 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

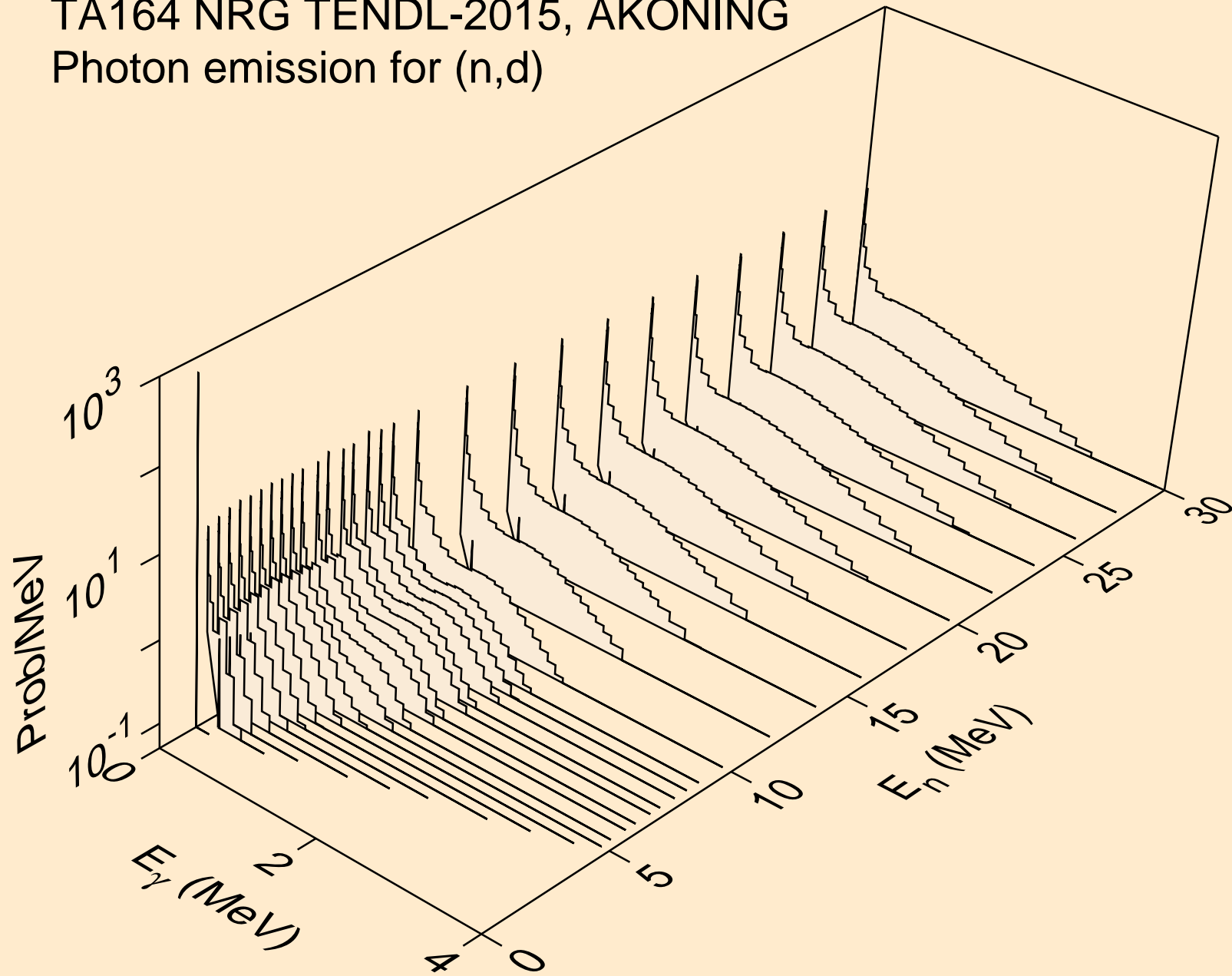




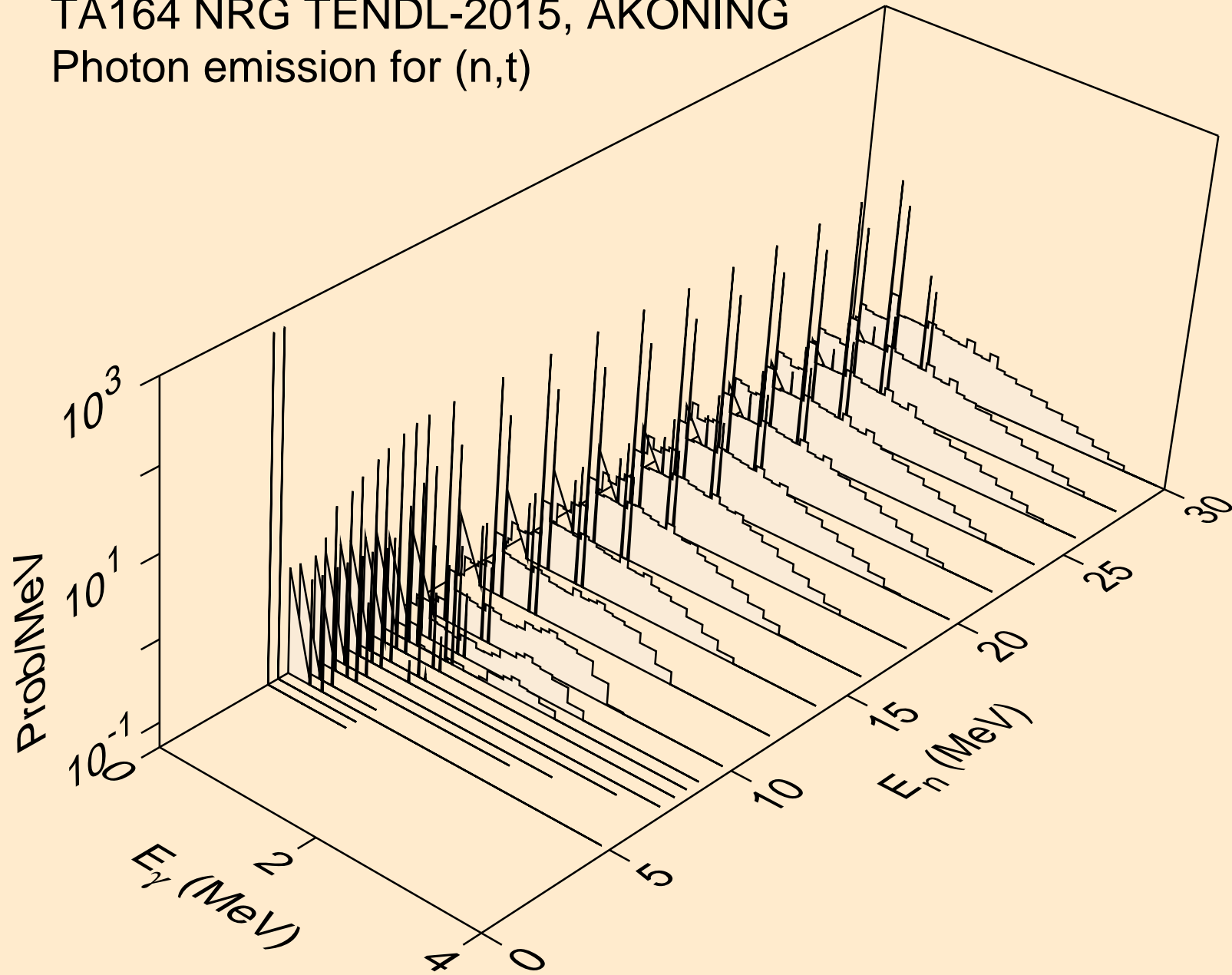
TA164 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



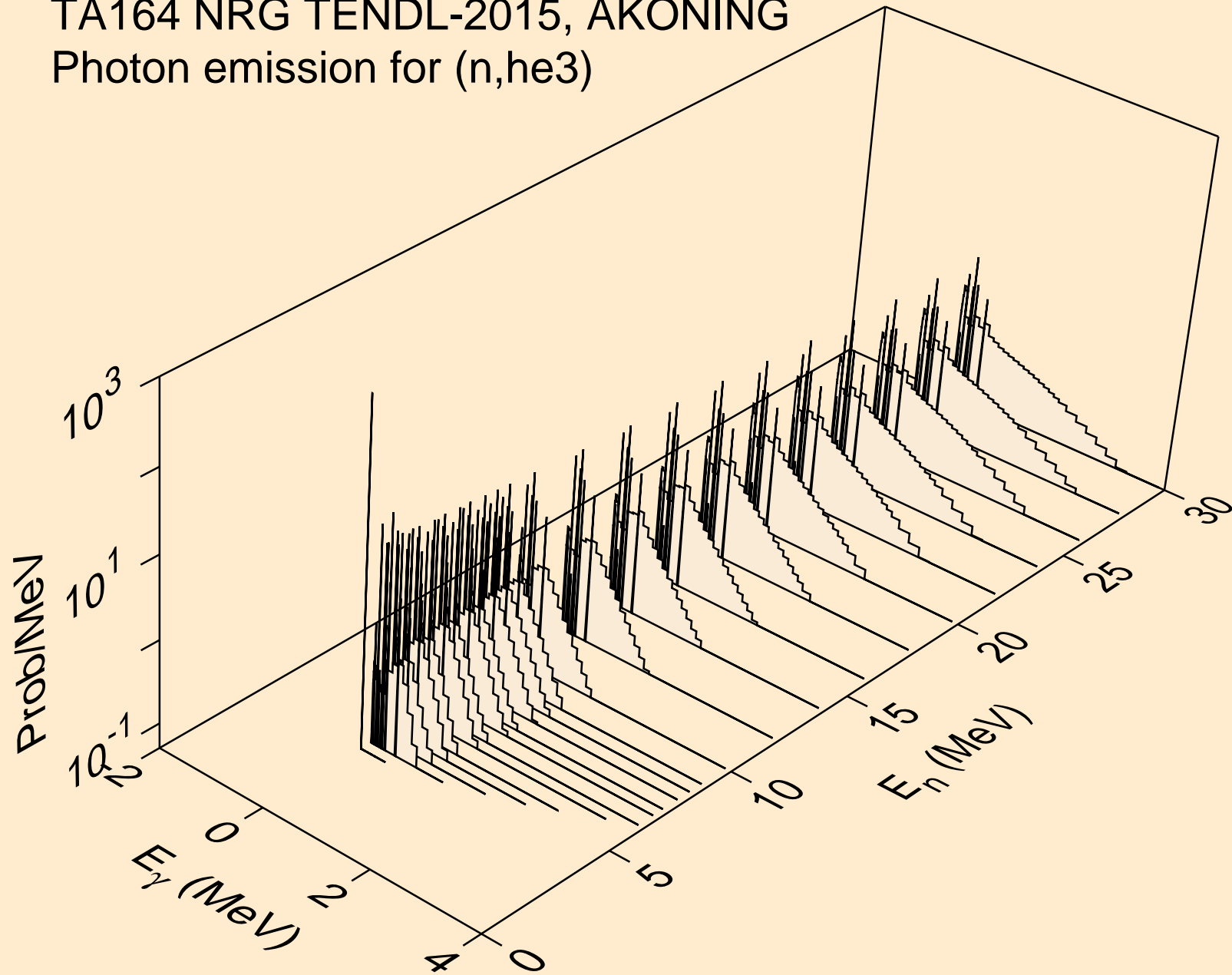
TA164 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



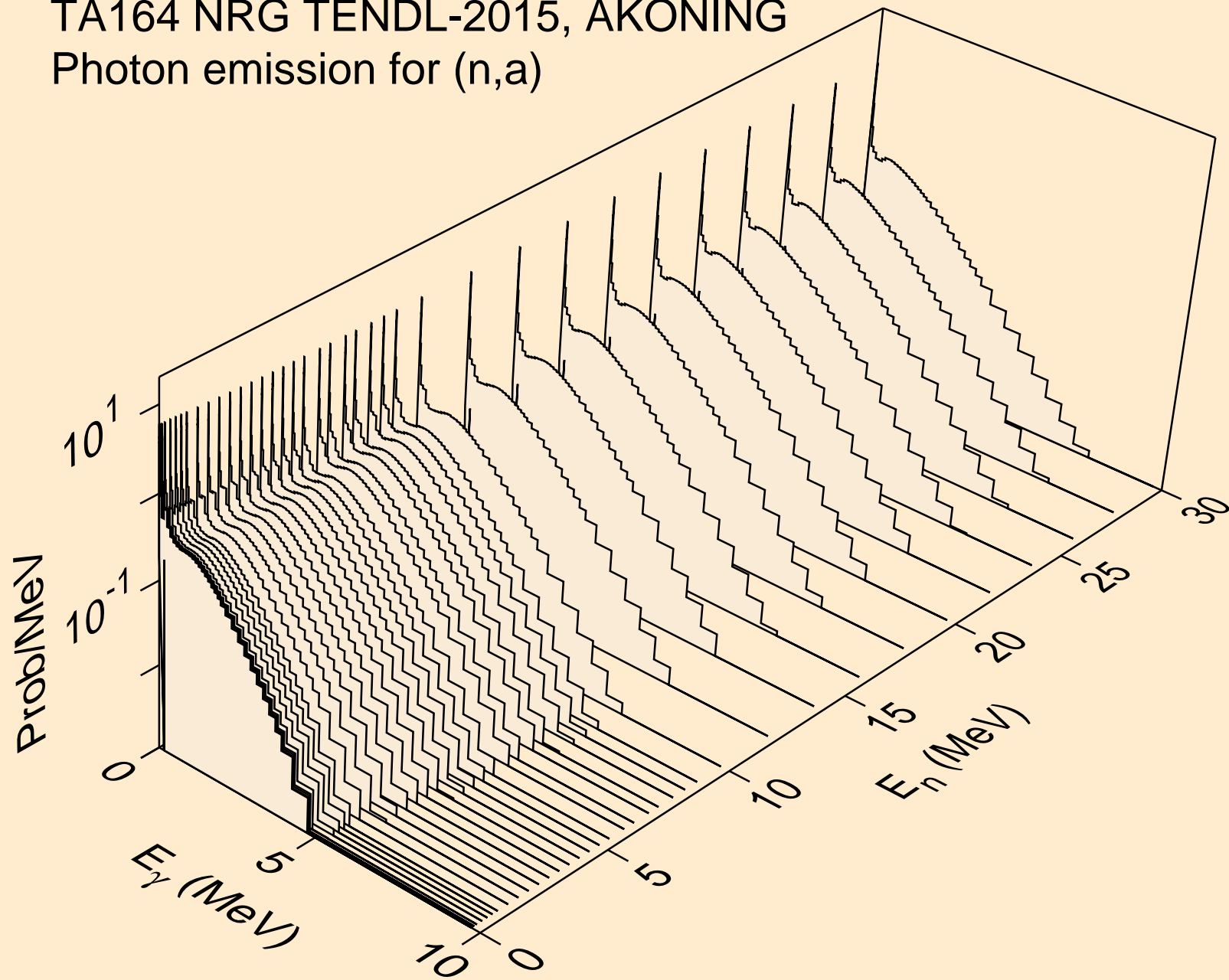
TA164 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



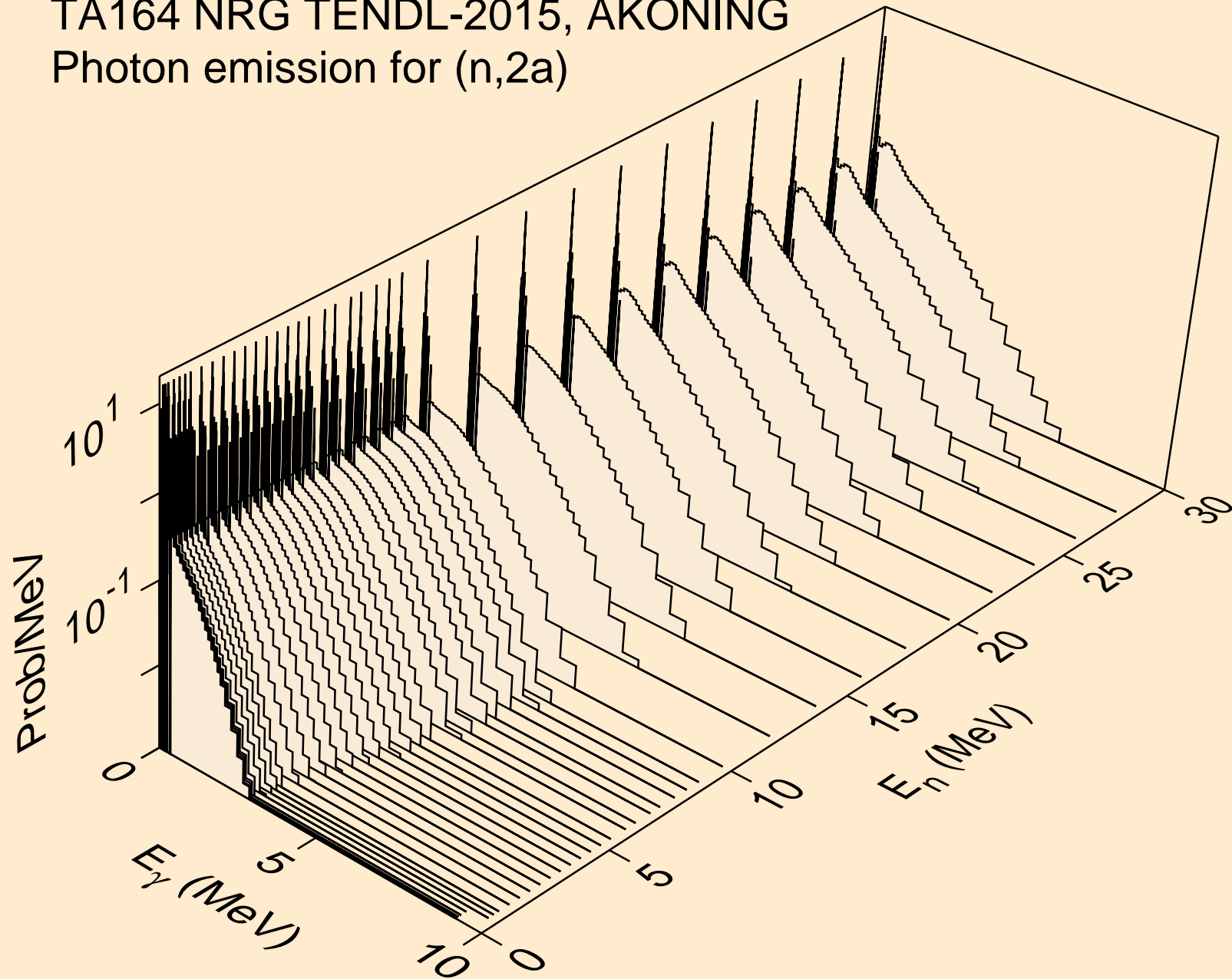
TA164 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



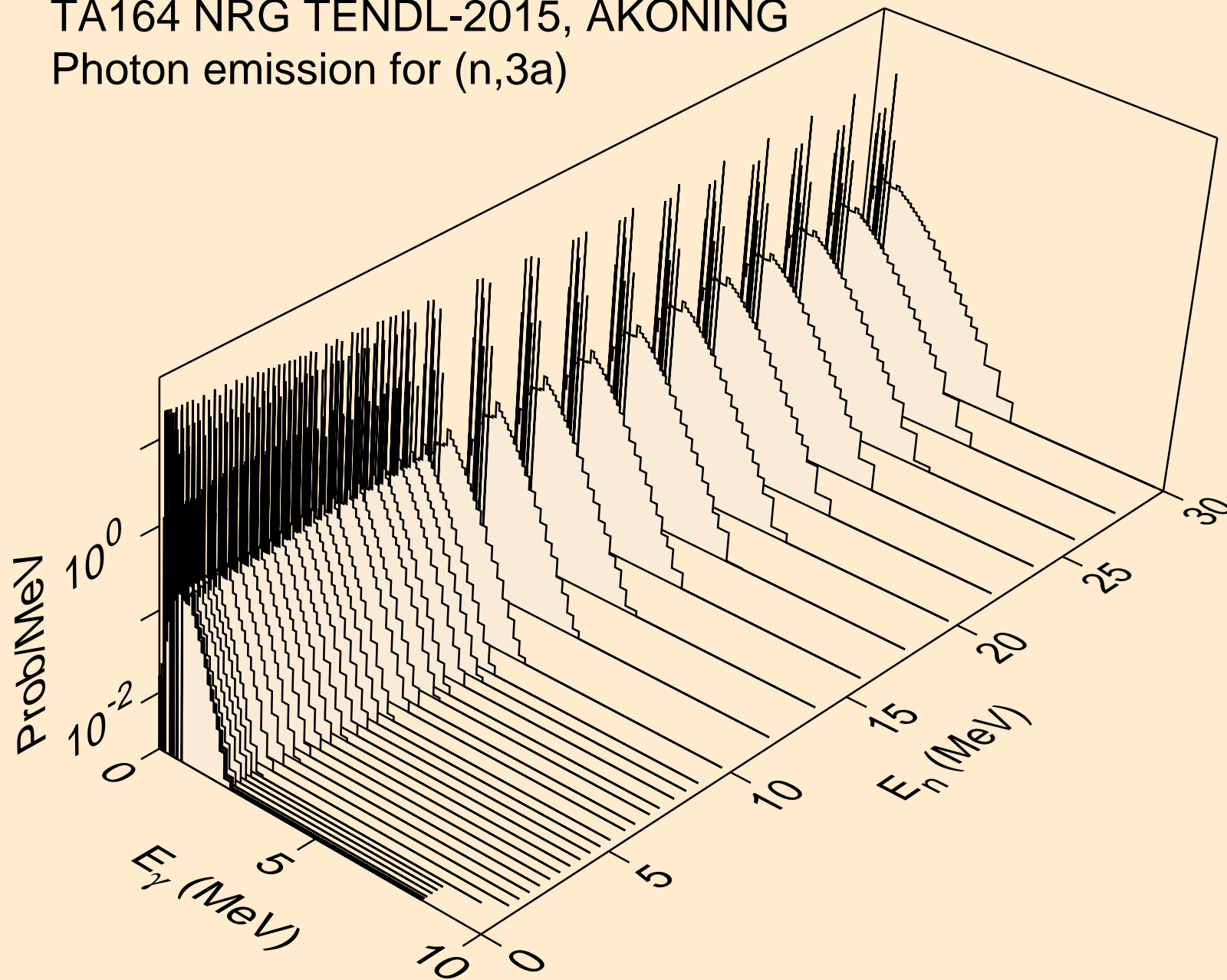
TA164 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



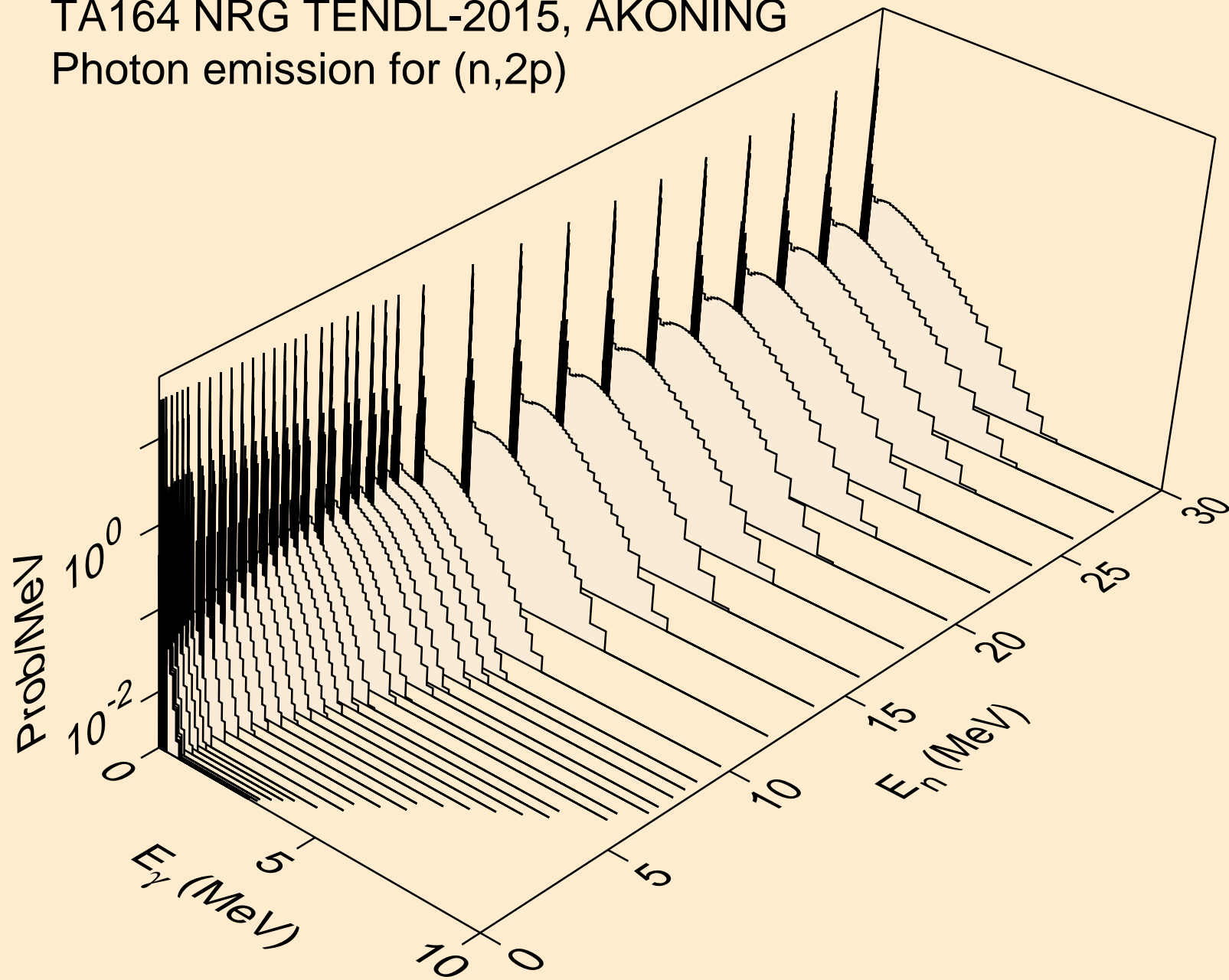
TA164 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



TA164 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)

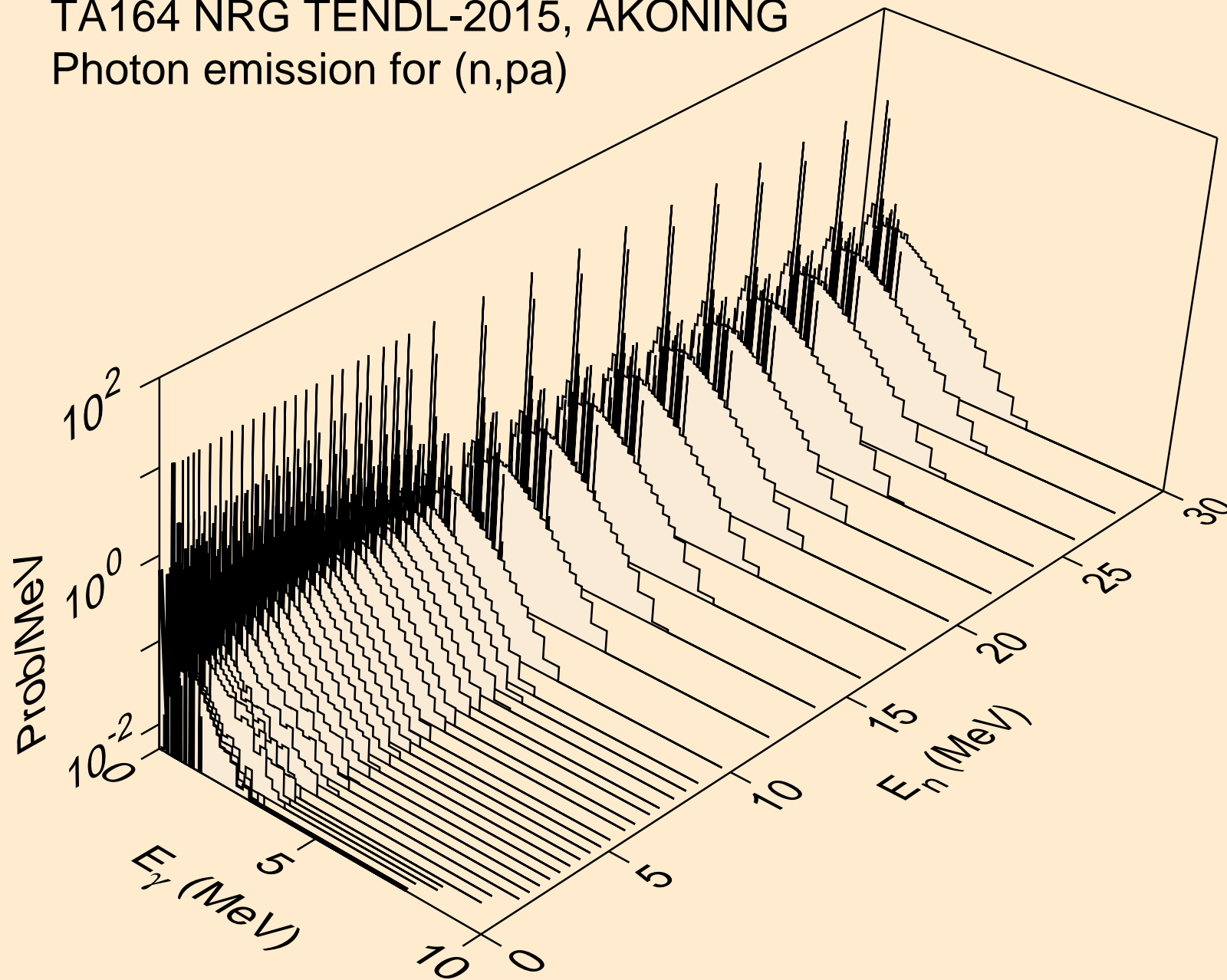


TA164 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

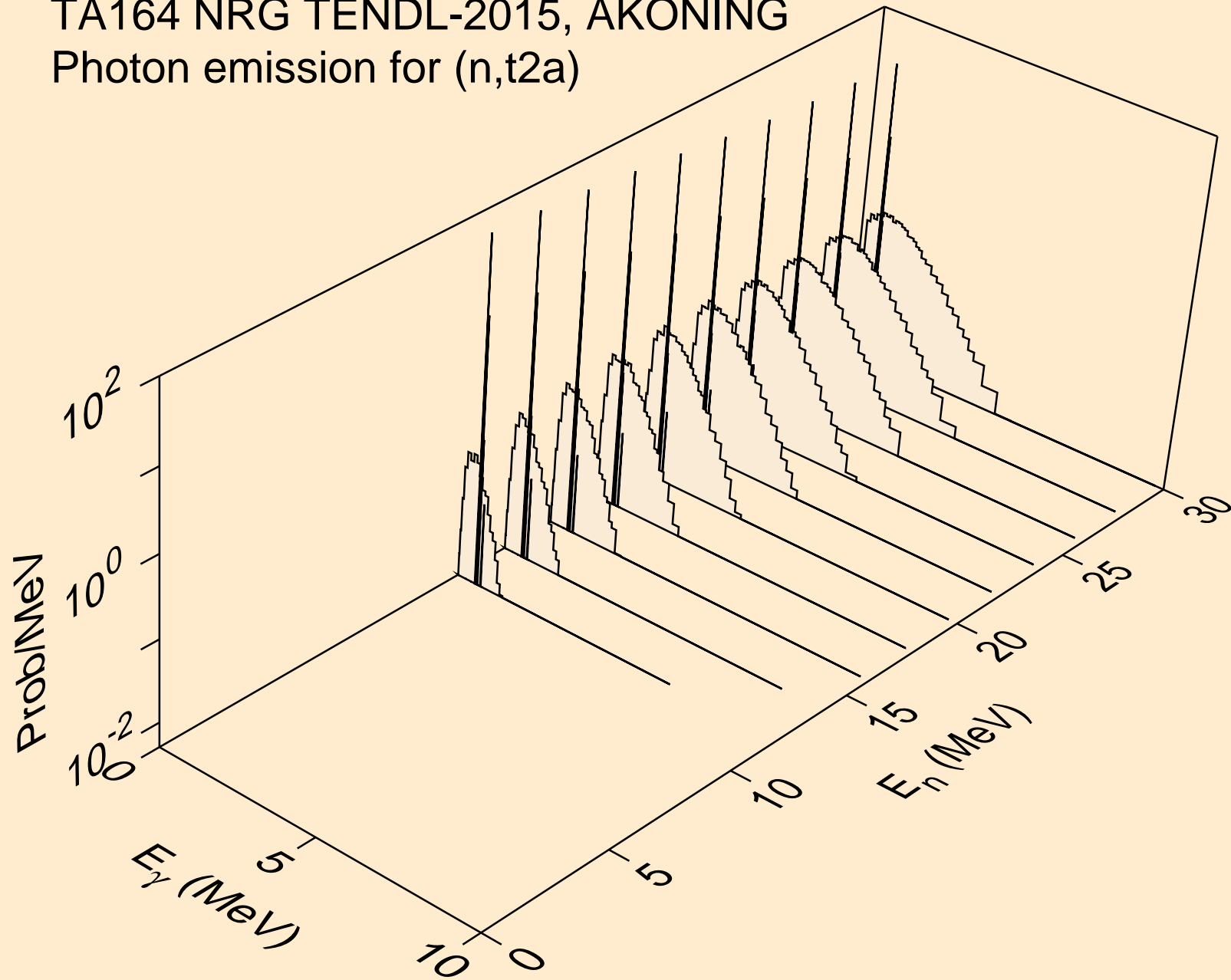




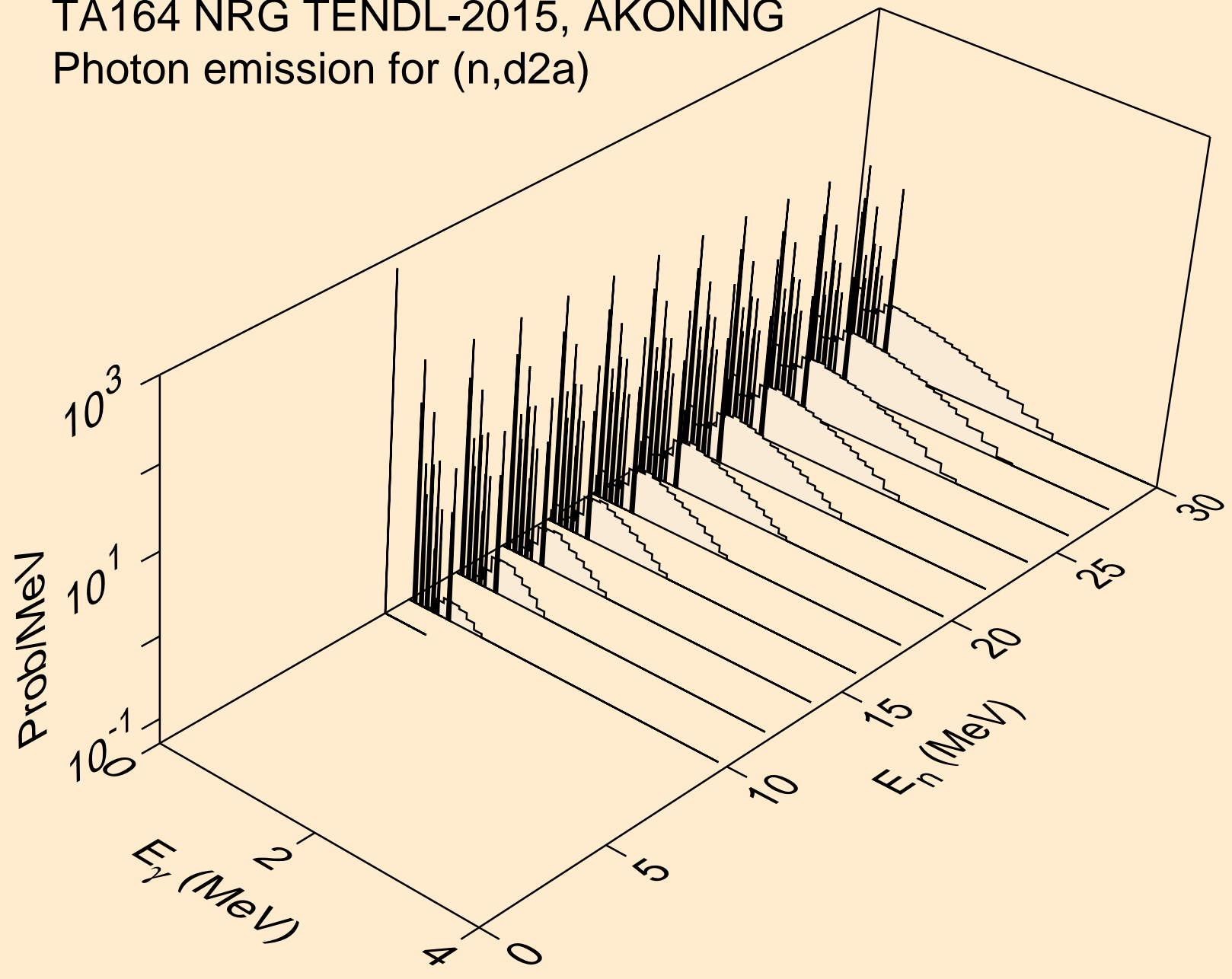
TA164 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



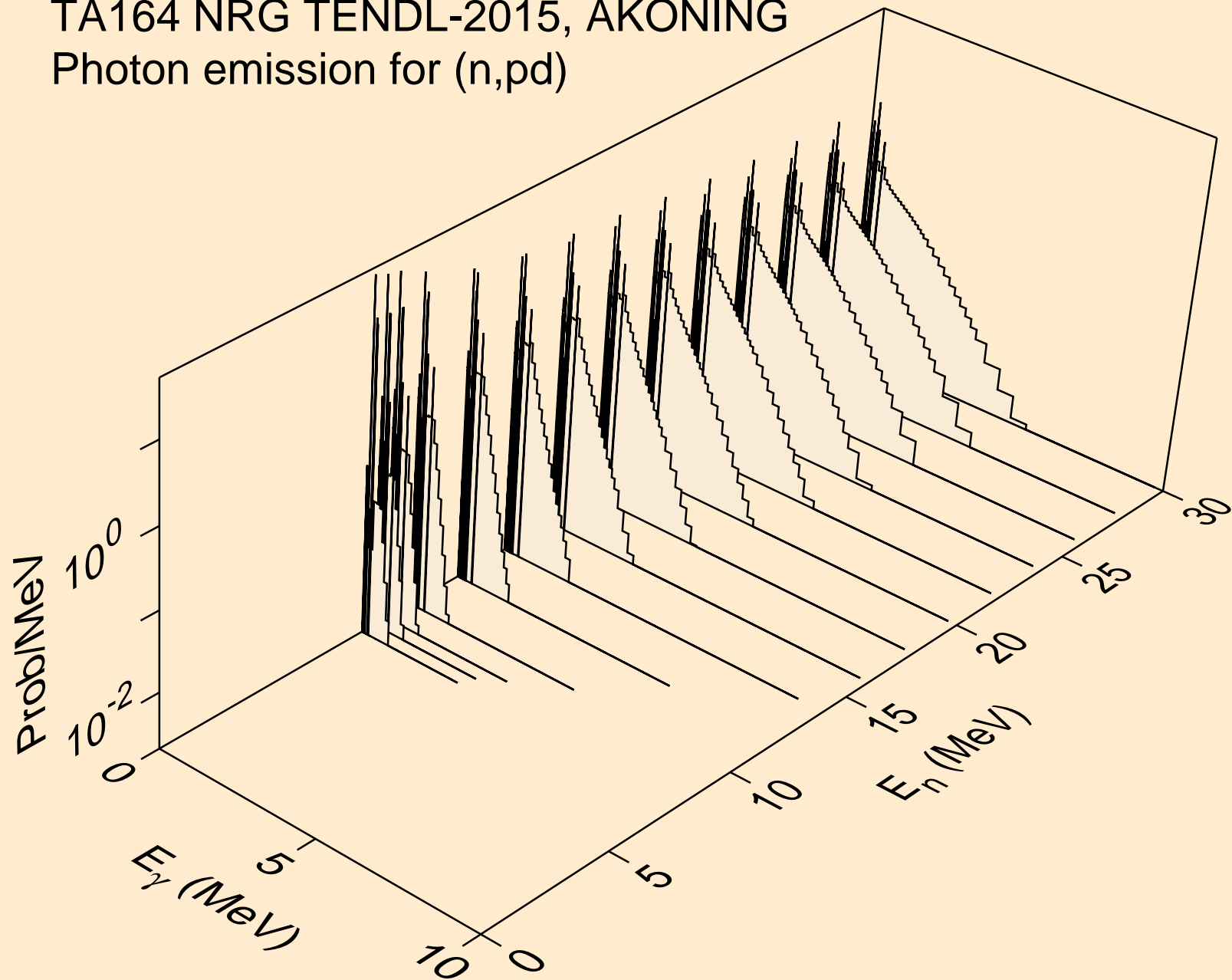
TA164 NRG TENDL-2015, AKONING  
Photon emission for (n,t2a)



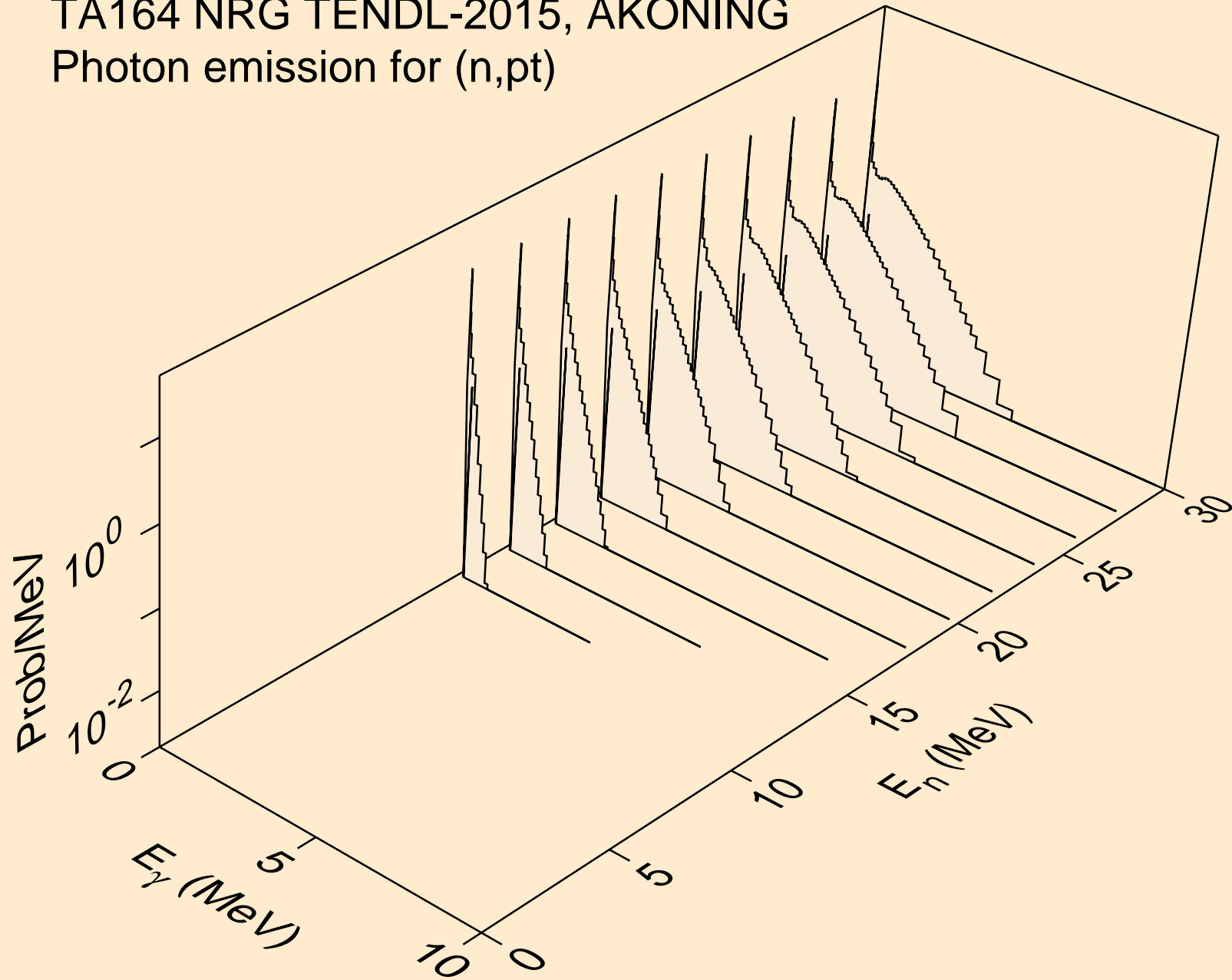
TA164 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)



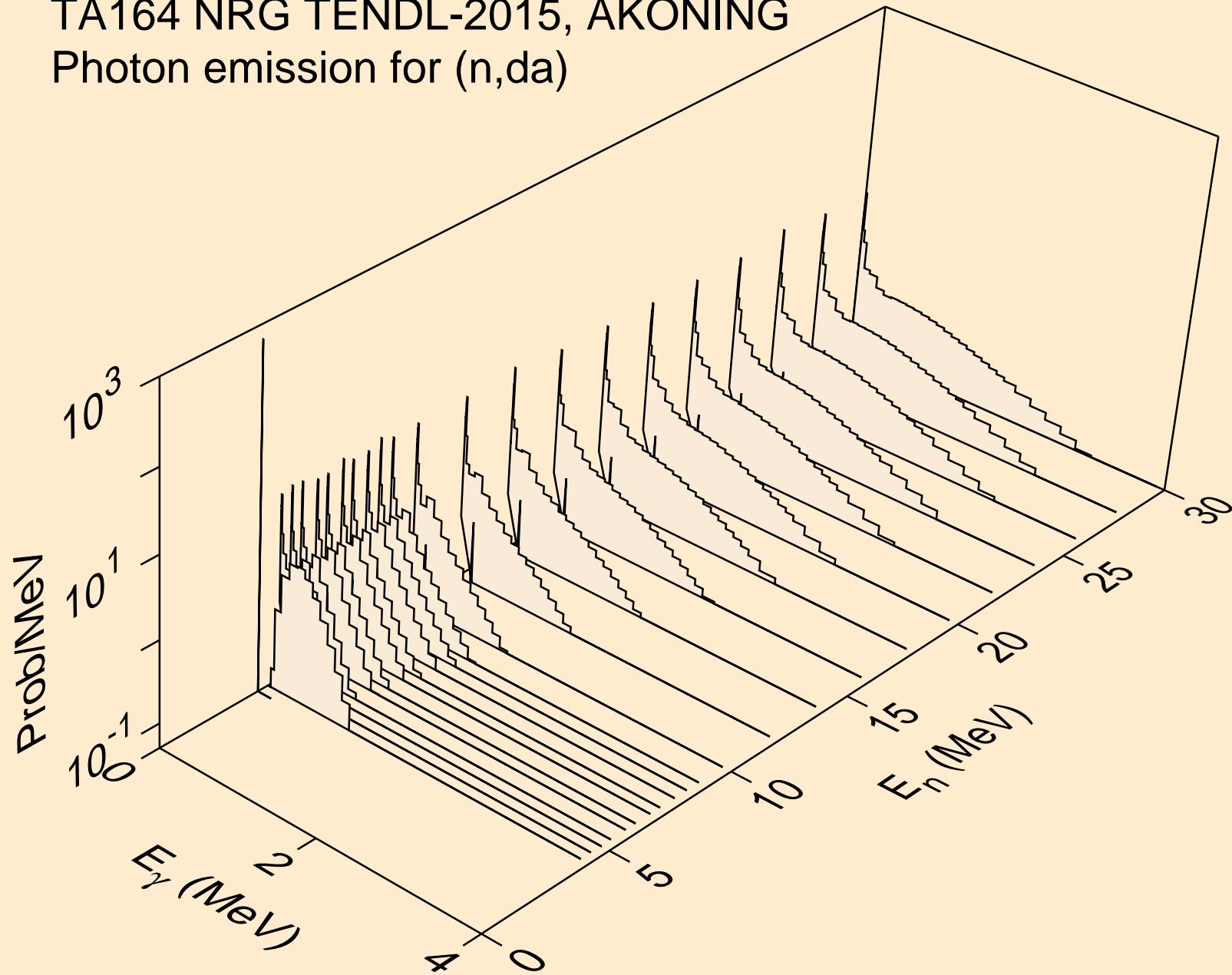
TA164 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



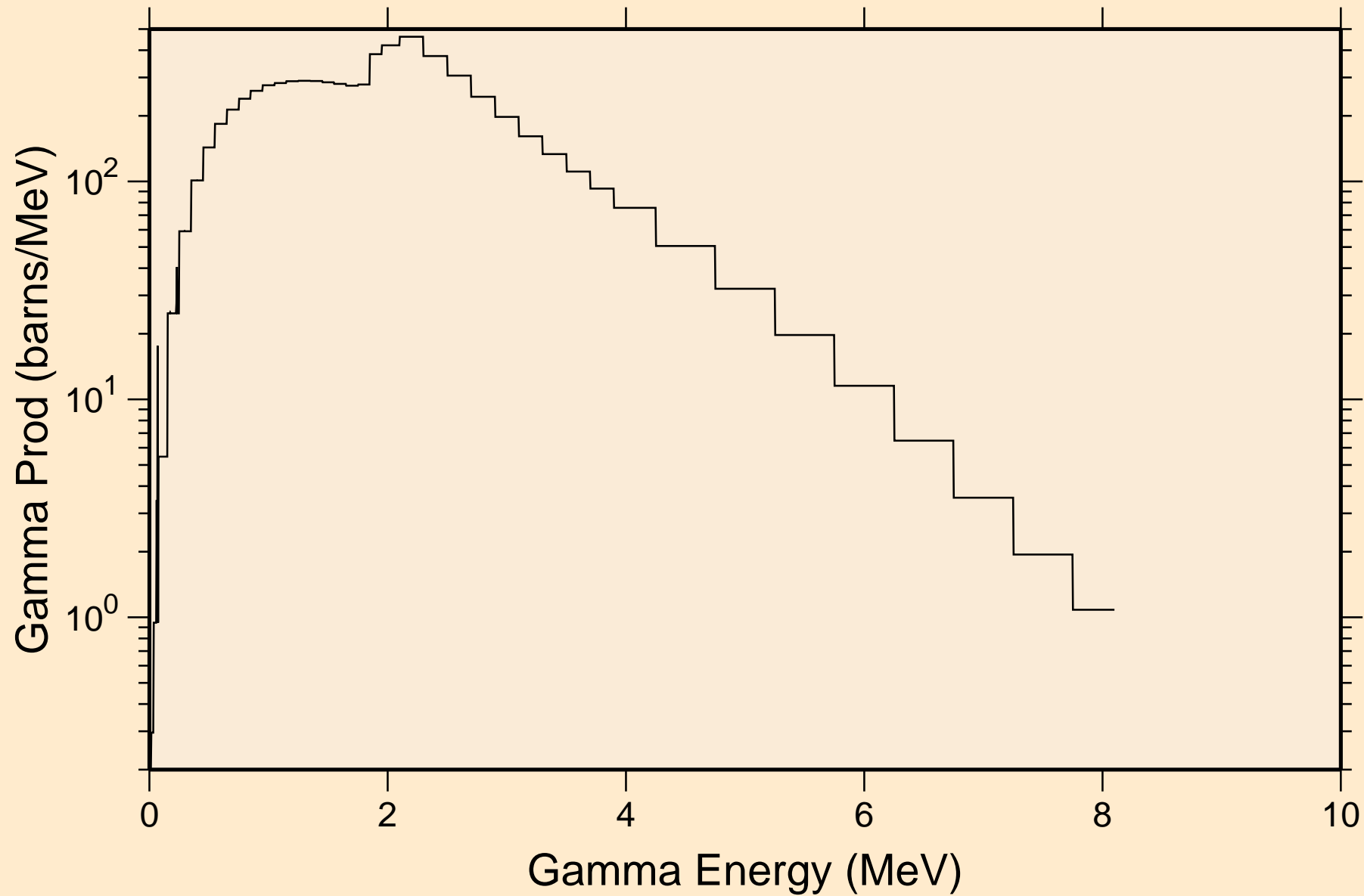
TA164 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



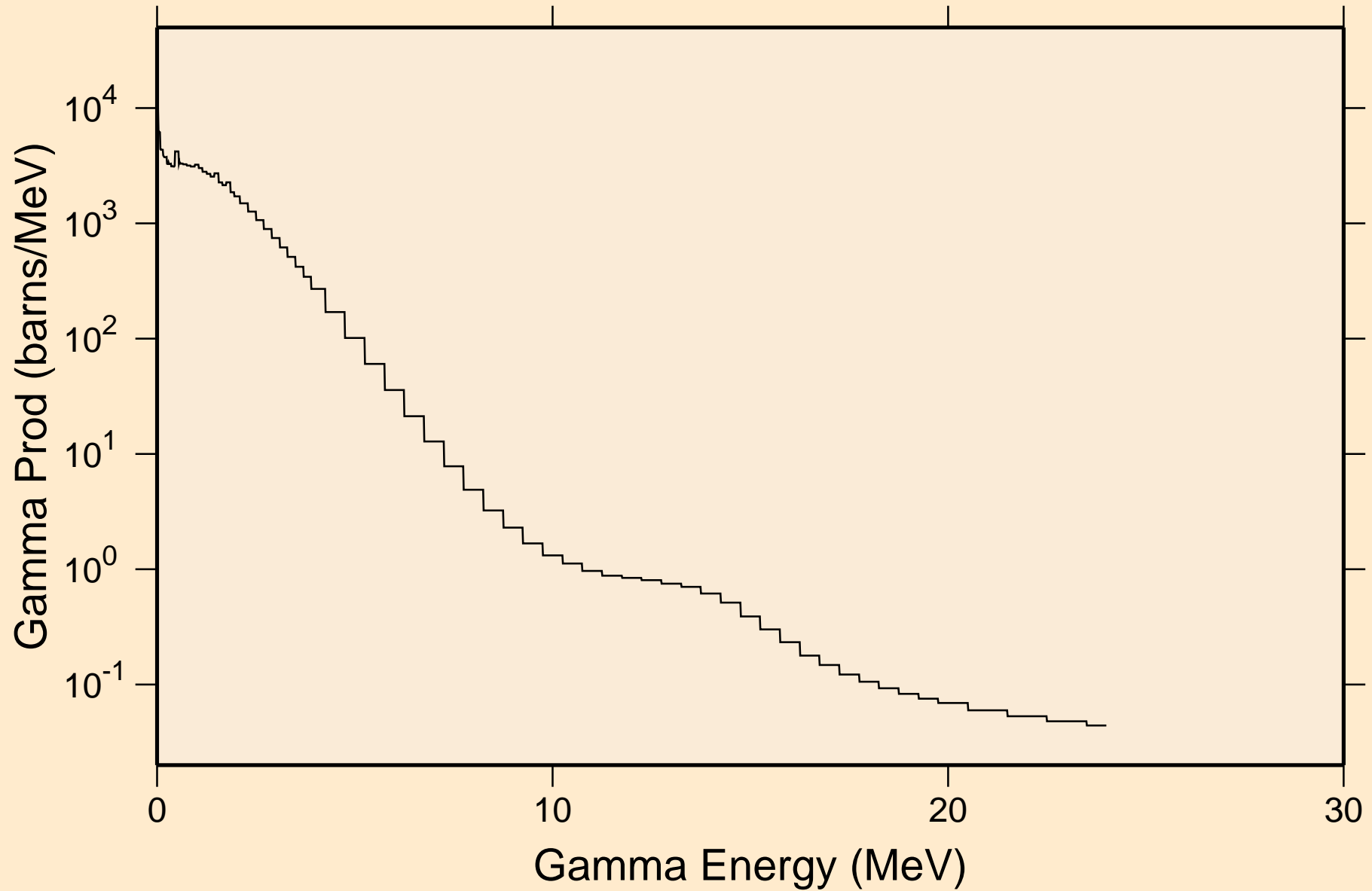
TA164 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



TA164 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



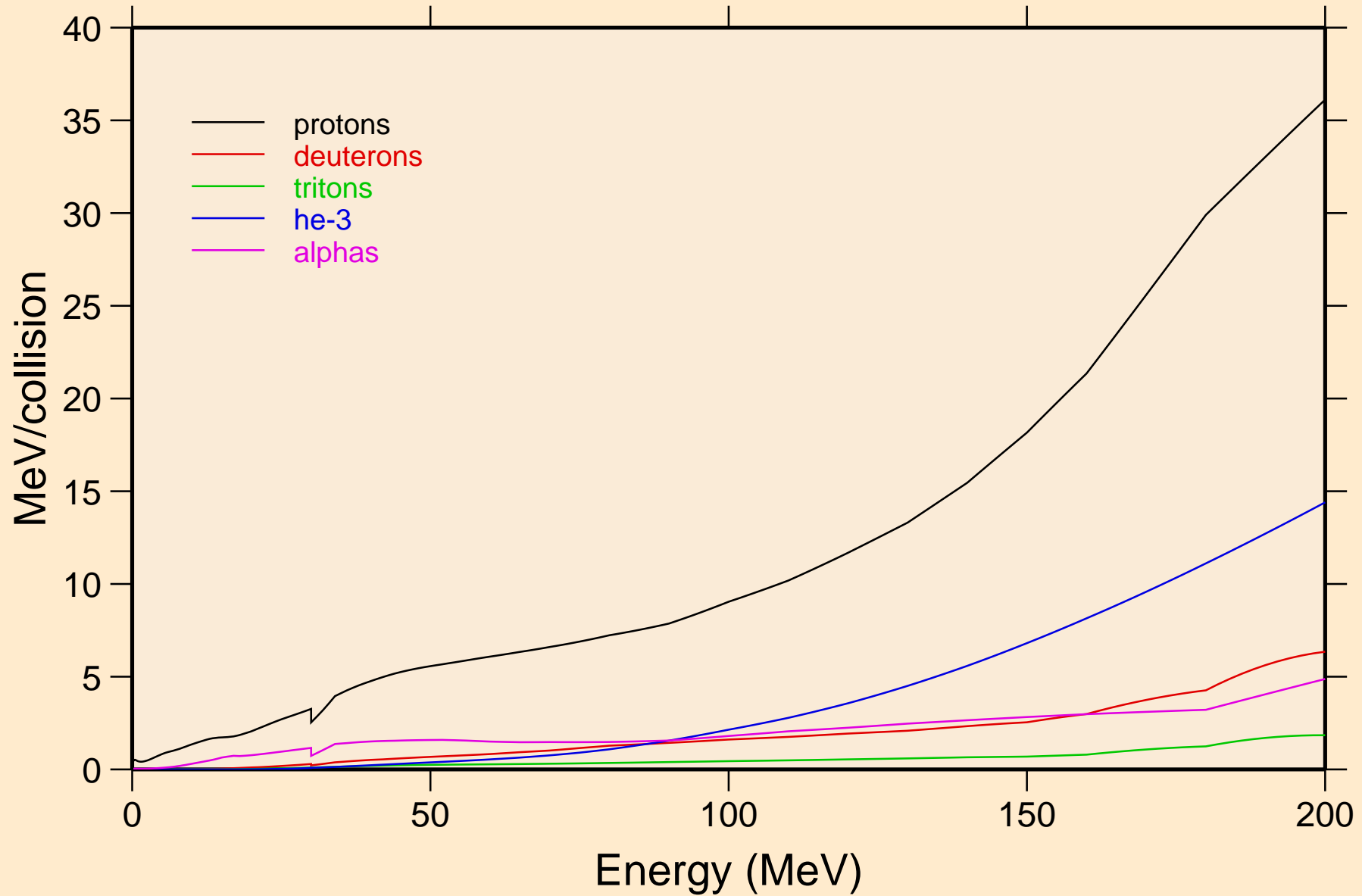
TA164 NRG TENDL-2015, AKONING  
14 MeV photon spectrum





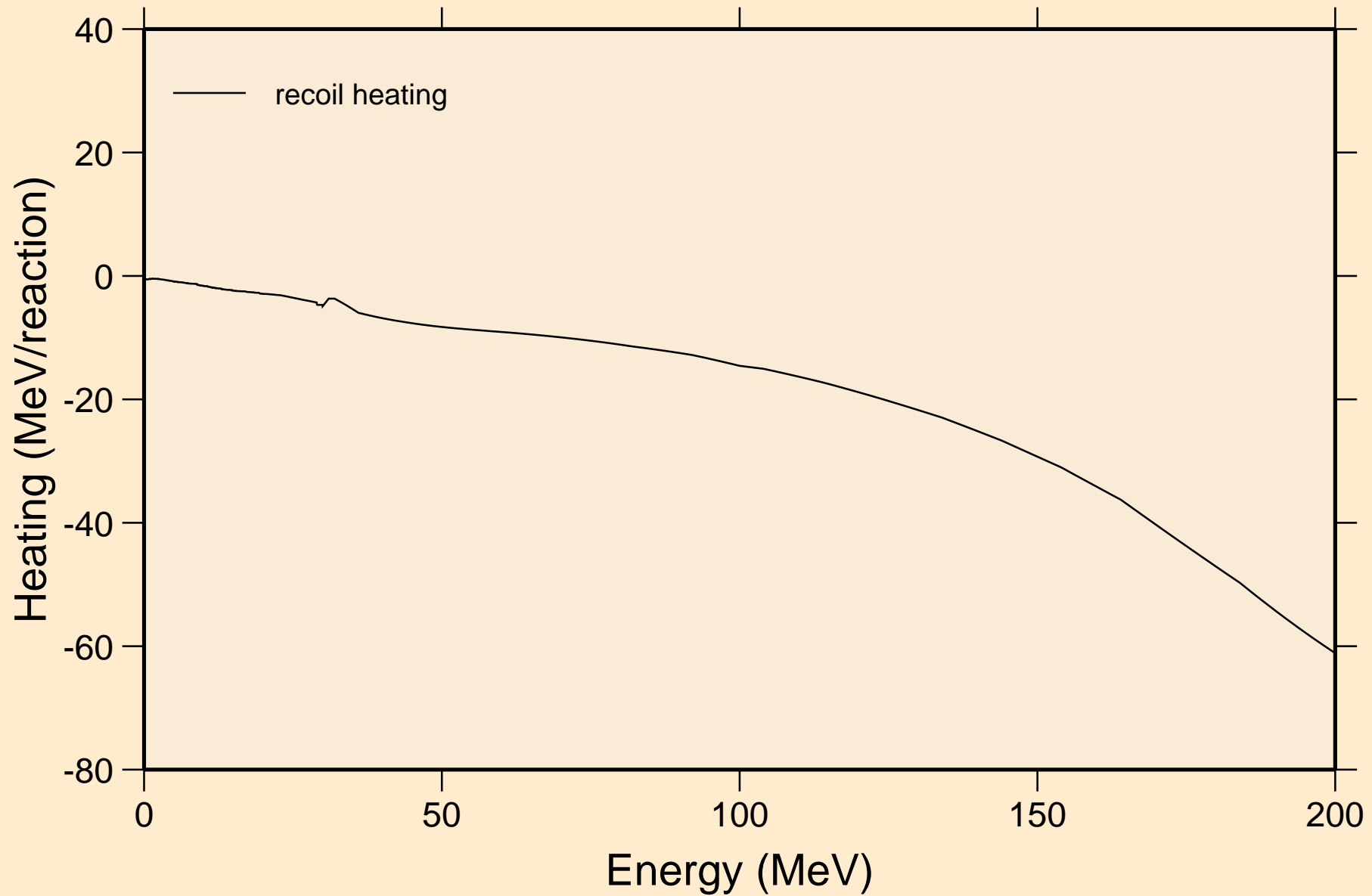
# TA164 NRG TENDL-2015, AKONING

## Particle heating contributions



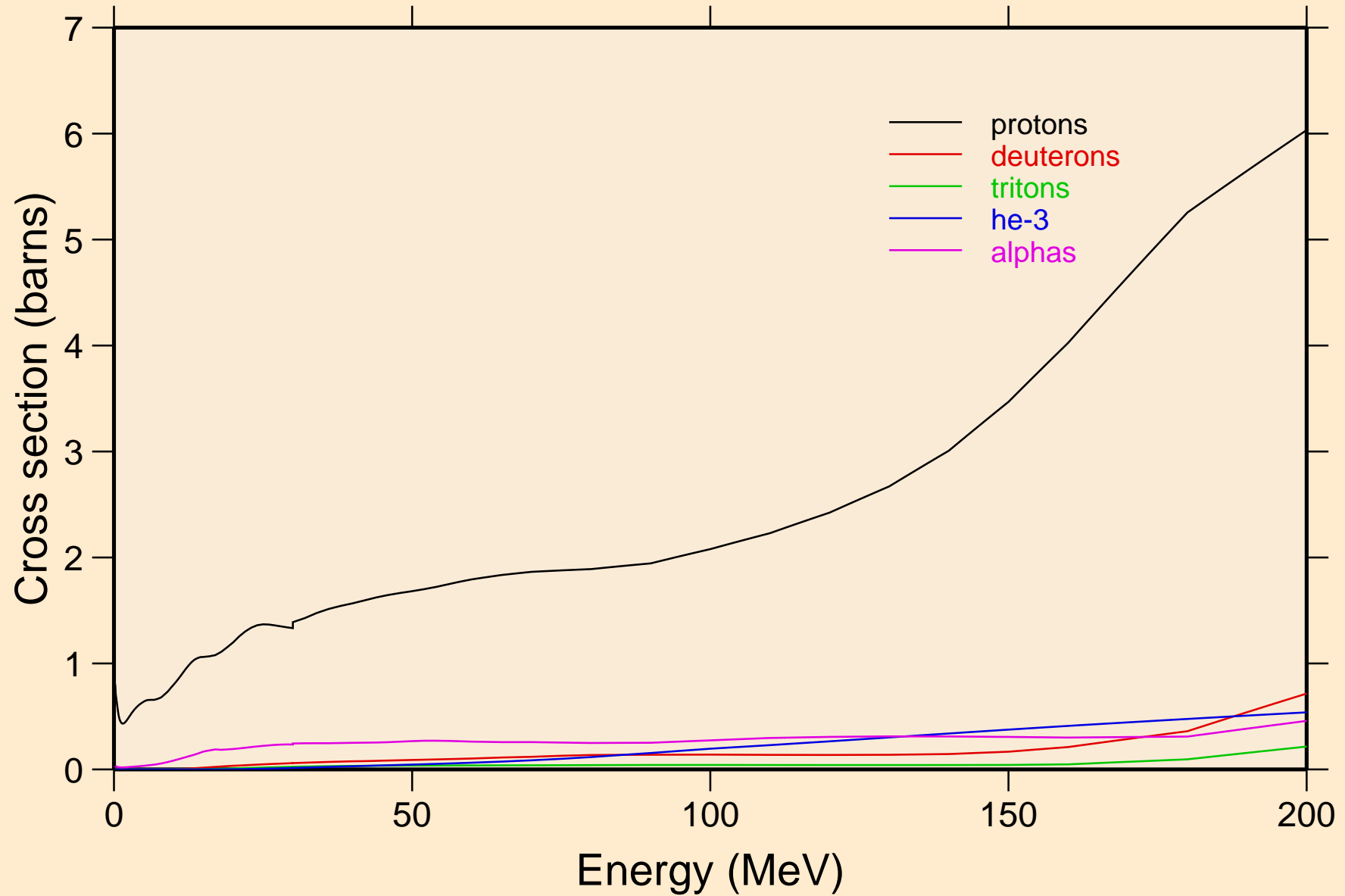
# TA164 NRG TENDL-2015, AKONING

## Recoil Heating

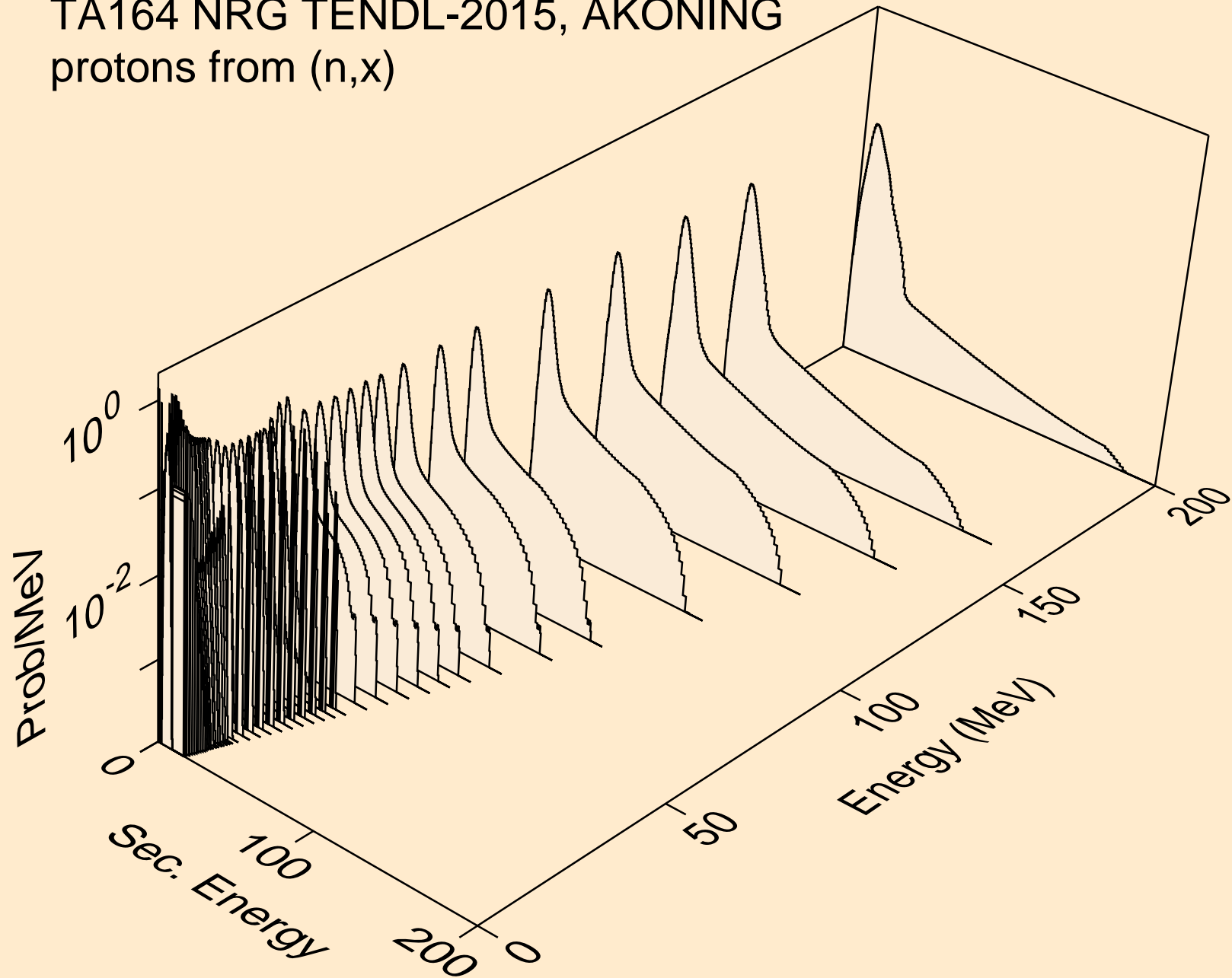


# TA164 NRG TENDL-2015, AKONING

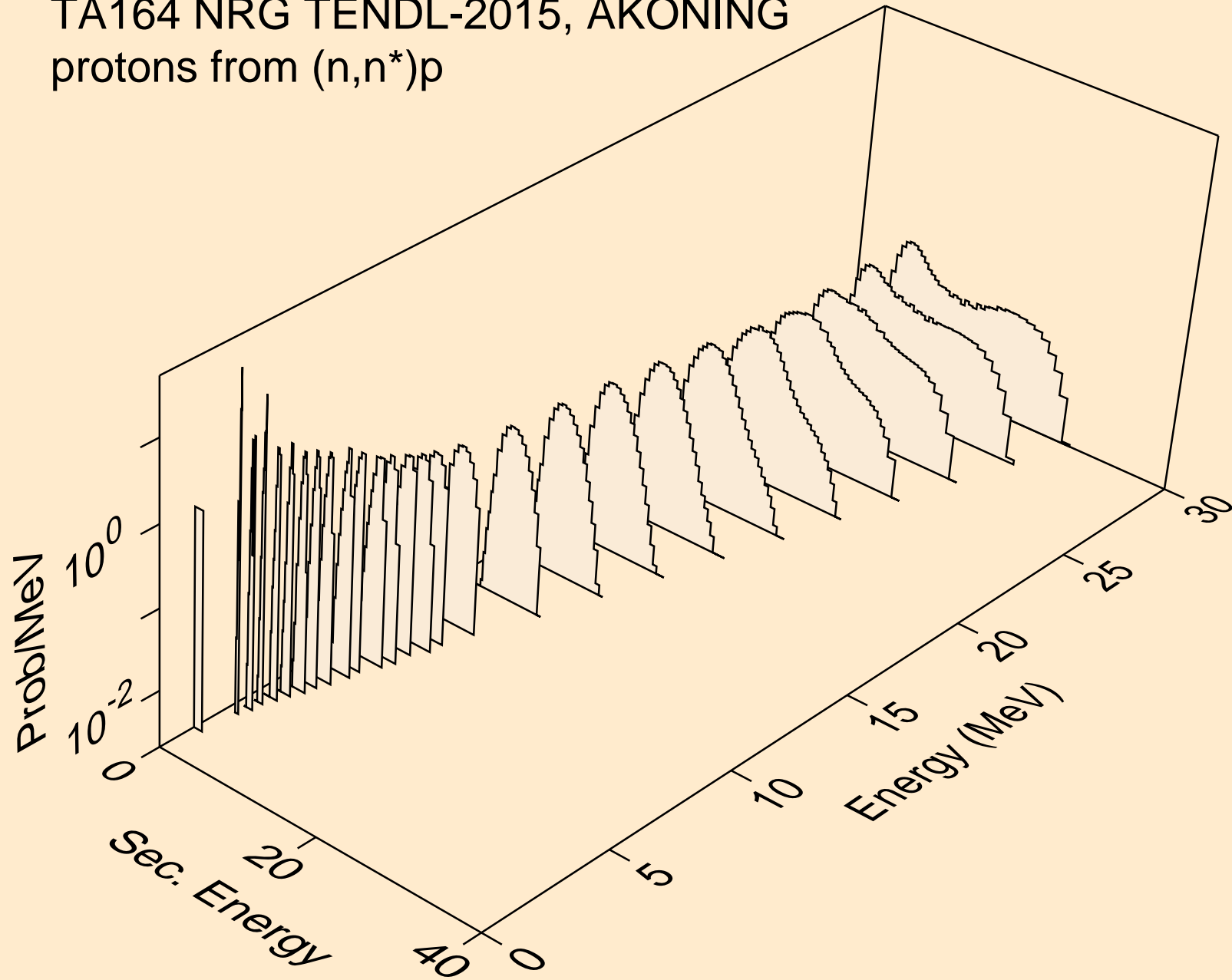
## Particle production cross sections



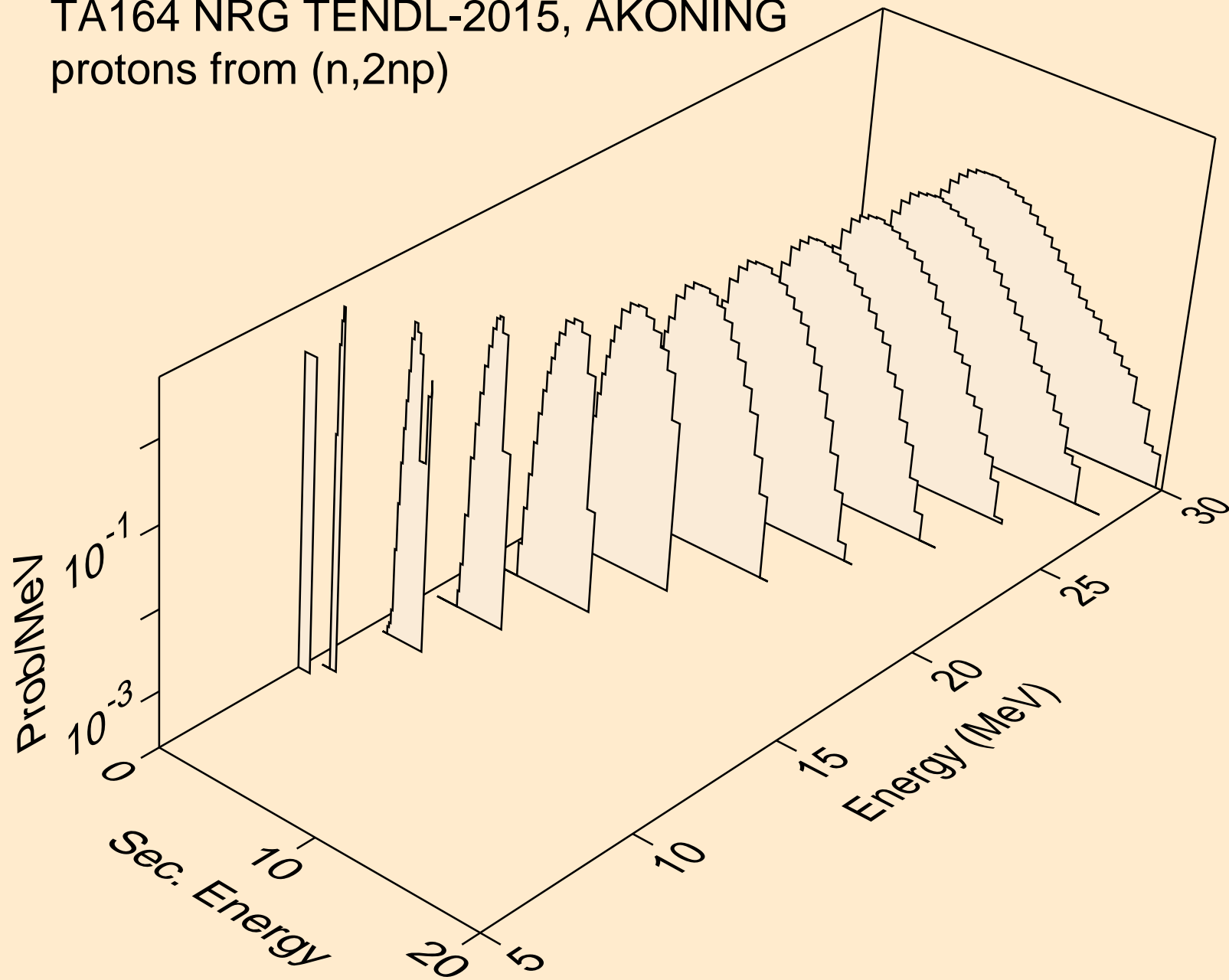
TA164 NRG TENDL-2015, AKONING  
protons from (n,x)



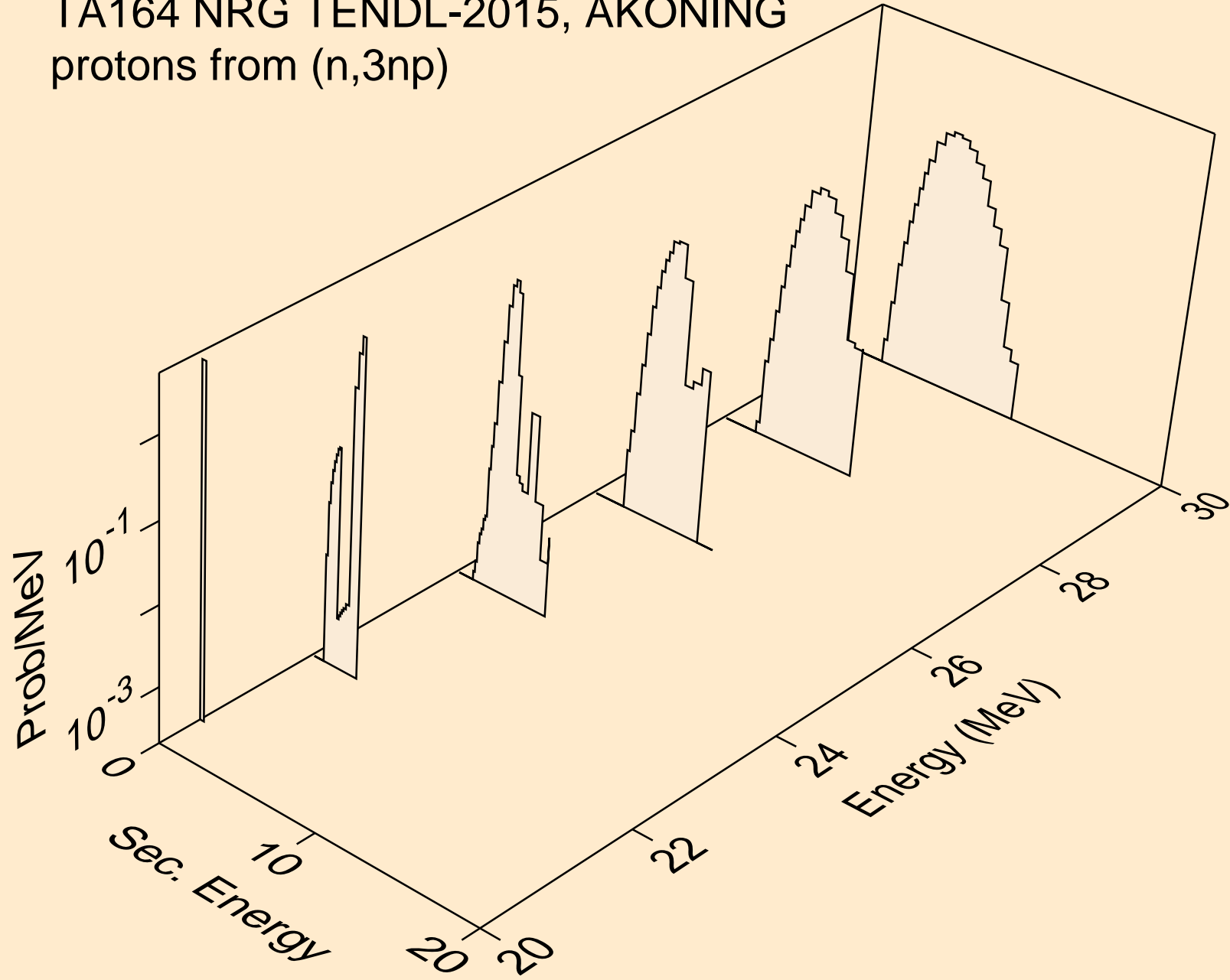
TA164 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



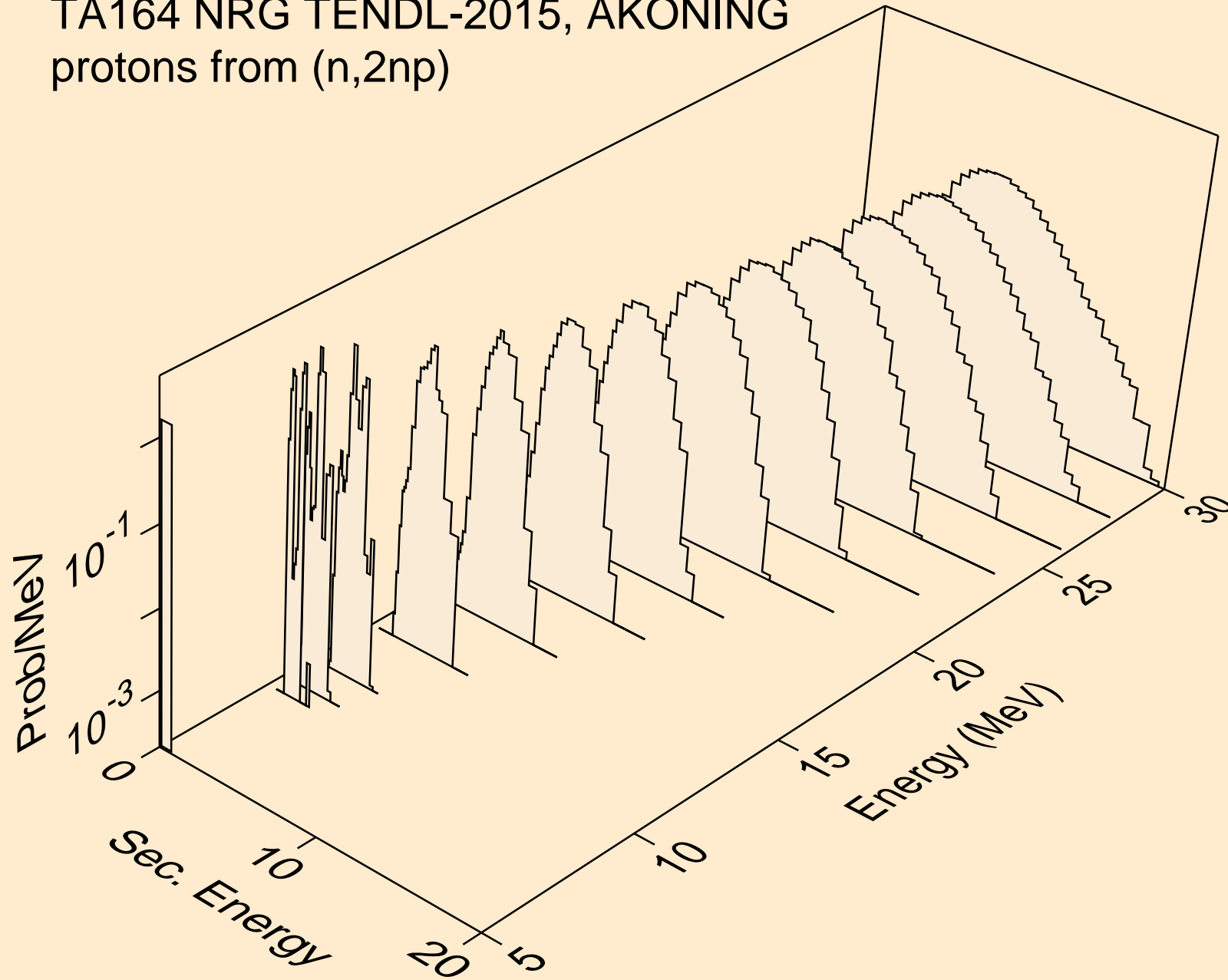
TA164 NRG TENDL-2015, AKONING  
protons from (n,2np)



TA164 NRG TENDL-2015, AKONING  
protons from (n,3np)

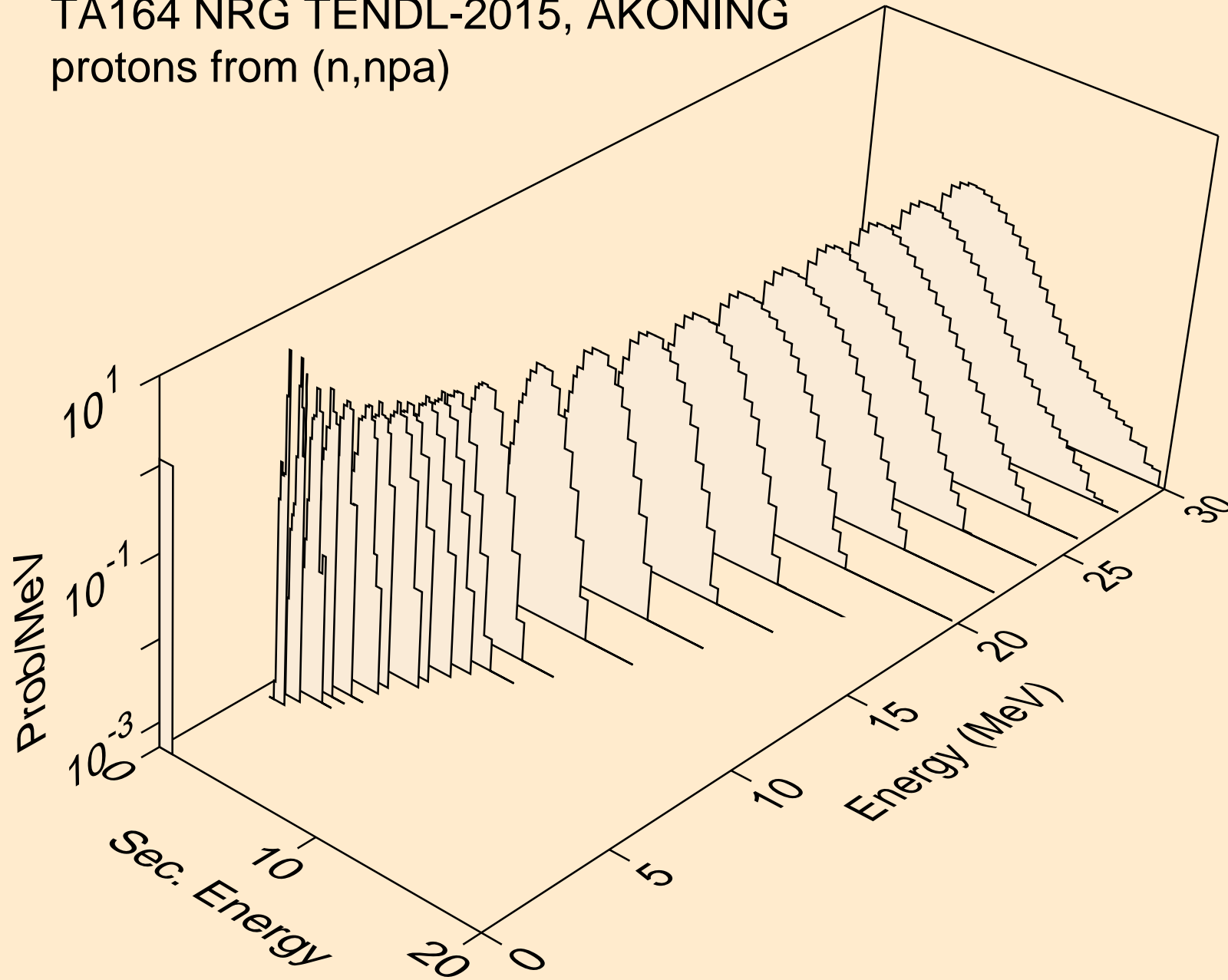


TA164 NRG TENDL-2015, AKONING  
protons from (n,2np)

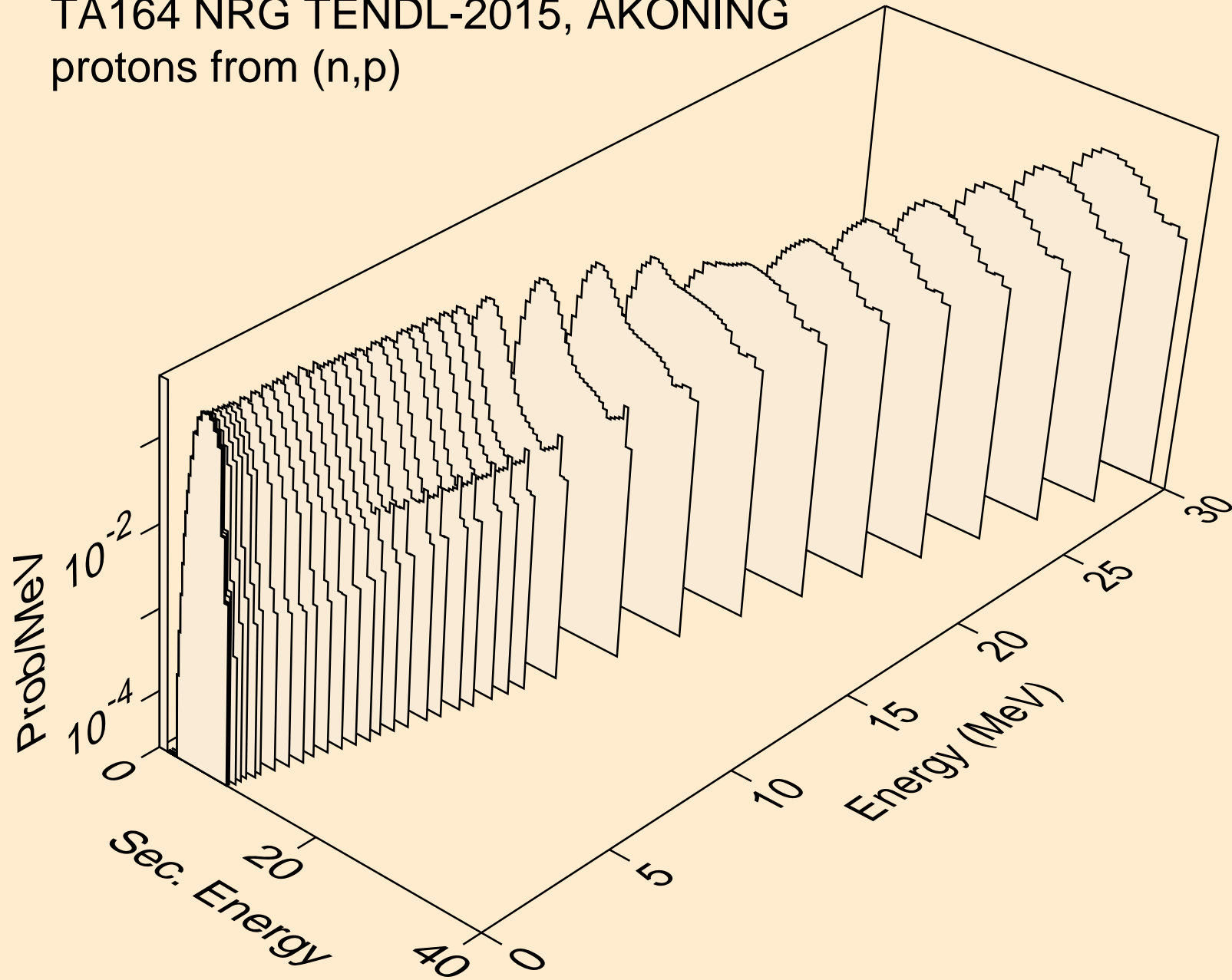




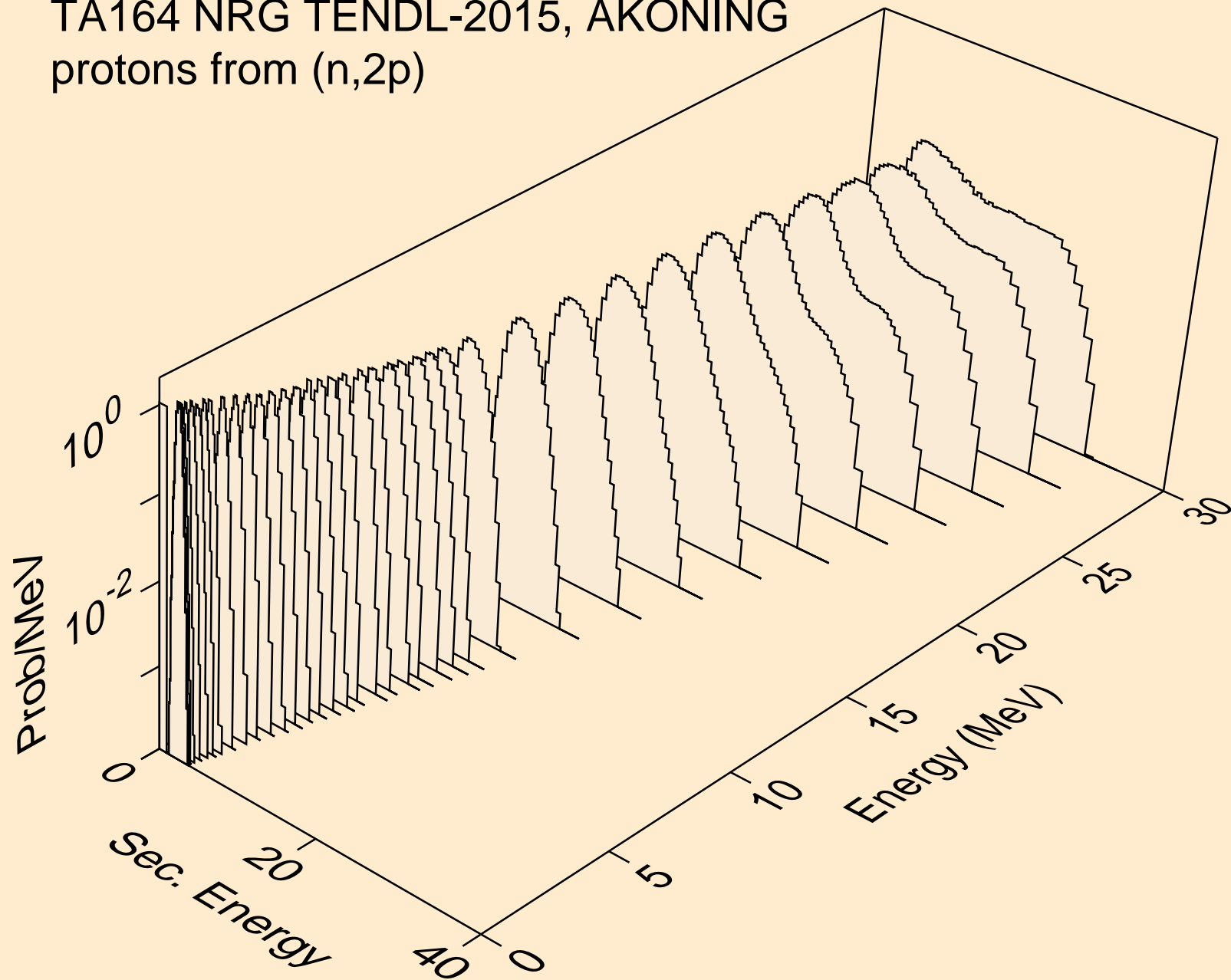
TA164 NRG TENDL-2015, AKONING  
protons from (n,npa)



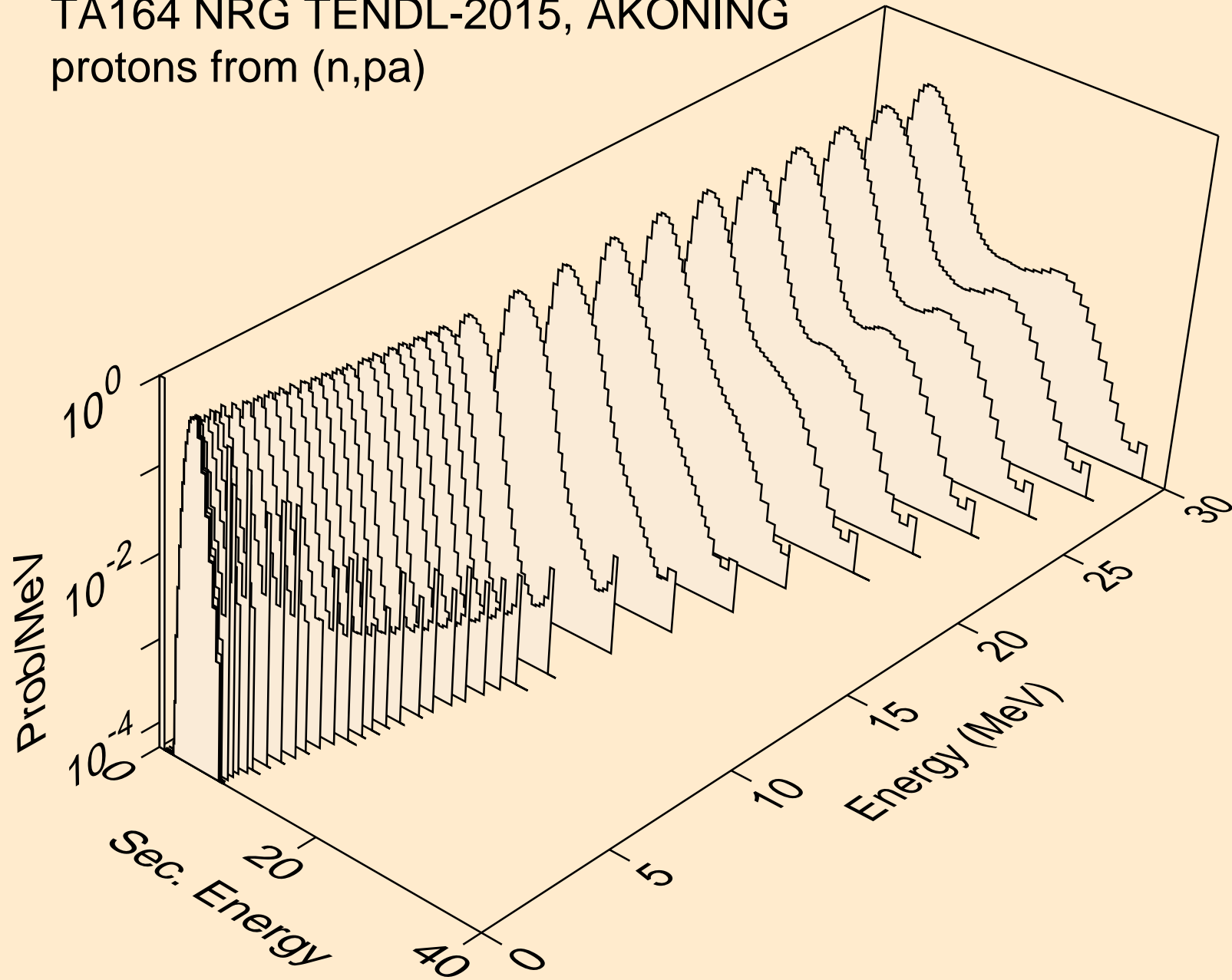
TA164 NRG TENDL-2015, AKONING  
protons from (n,p)



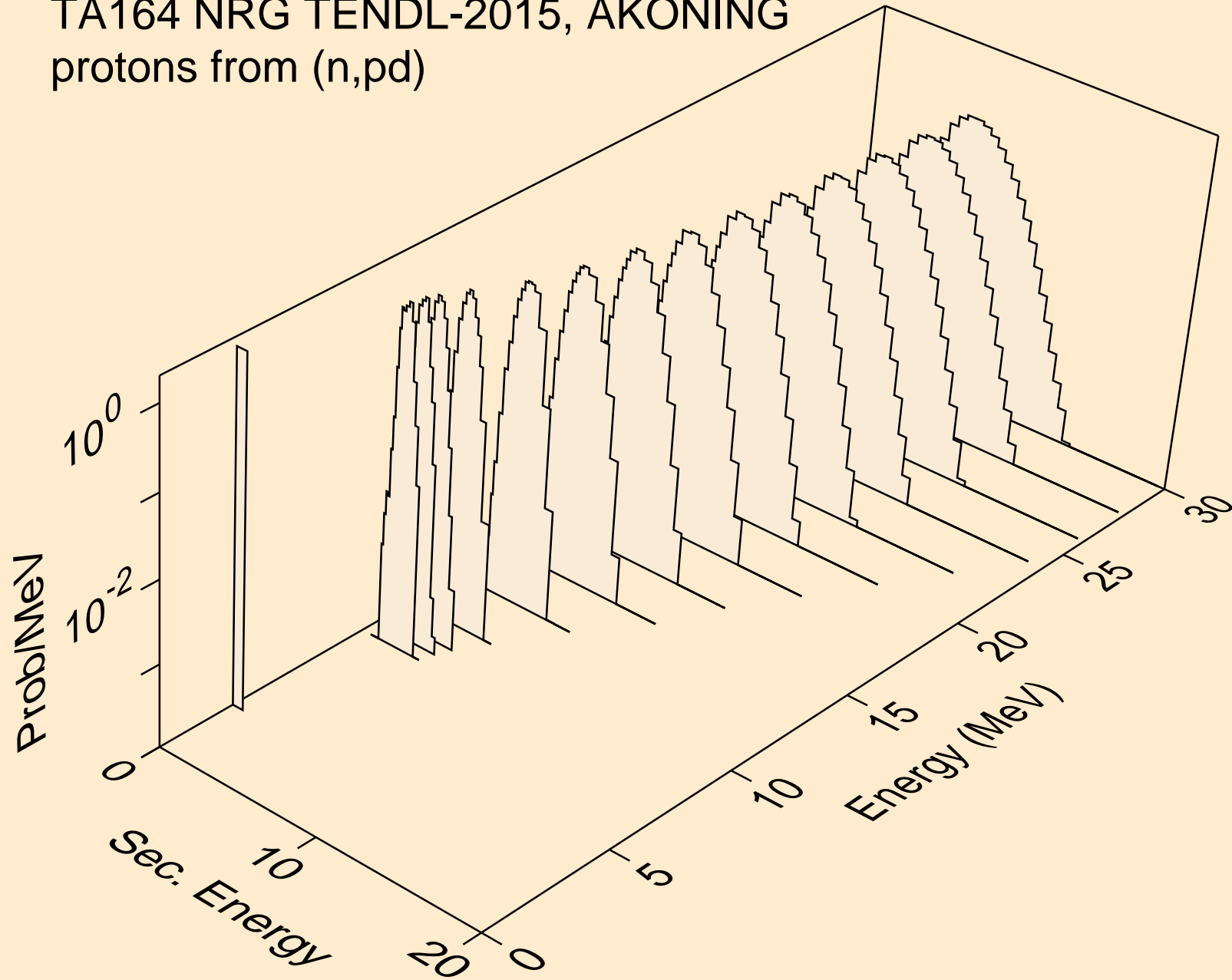
TA164 NRG TENDL-2015, AKONING  
protons from (n,2p)



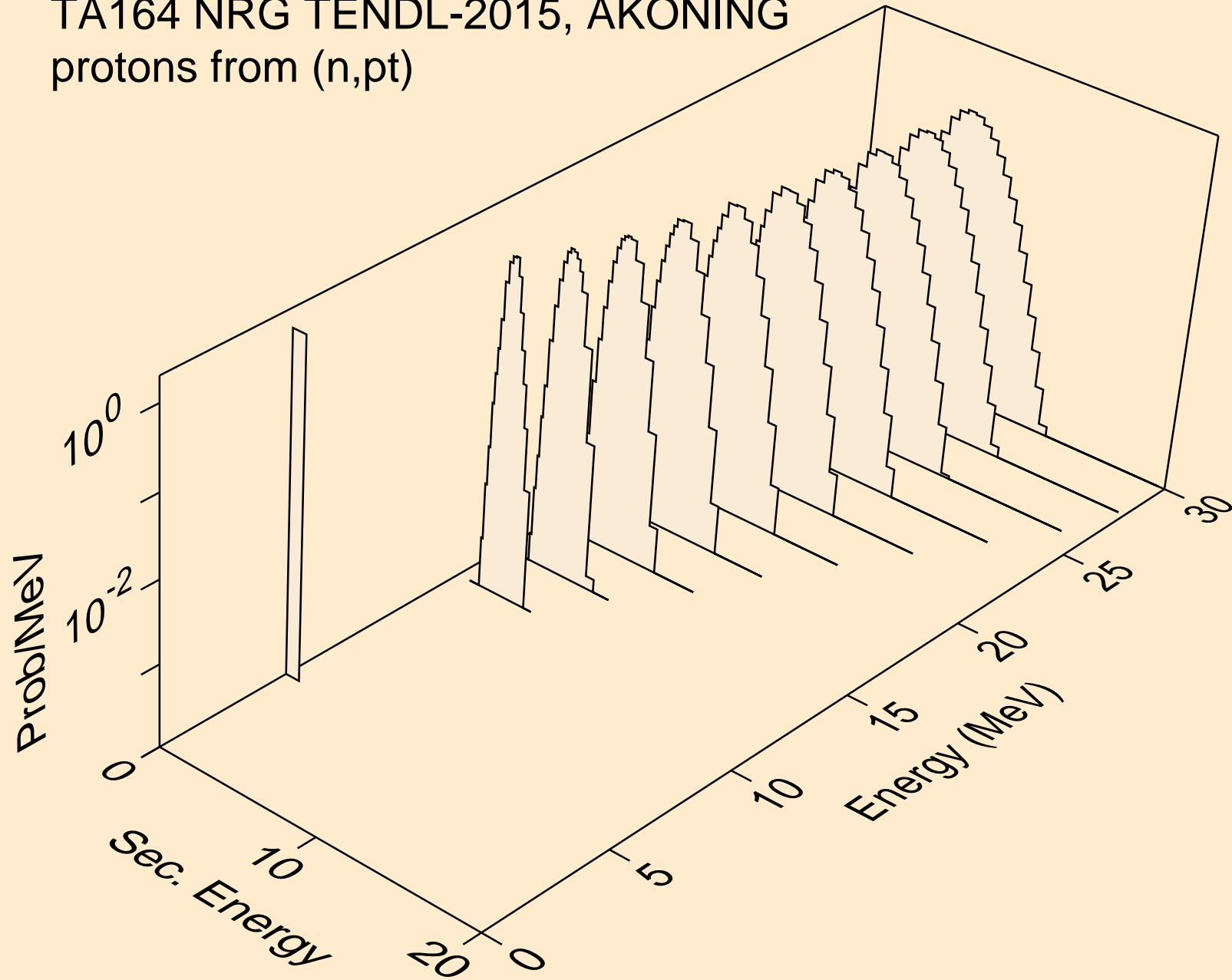
TA164 NRG TENDL-2015, AKONING  
protons from (n,pa)



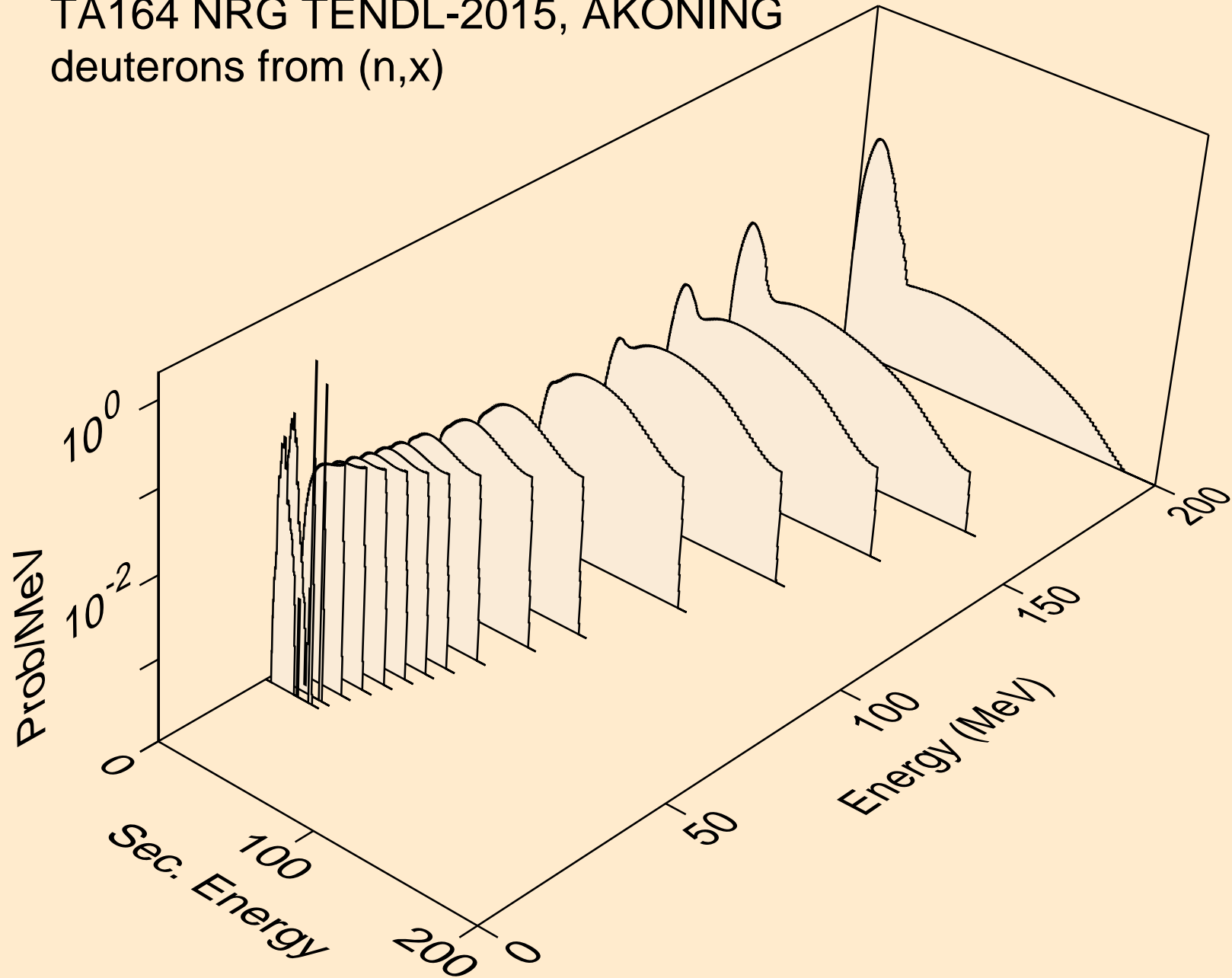
TA164 NRG TENDL-2015, AKONING  
protons from (n,pd)



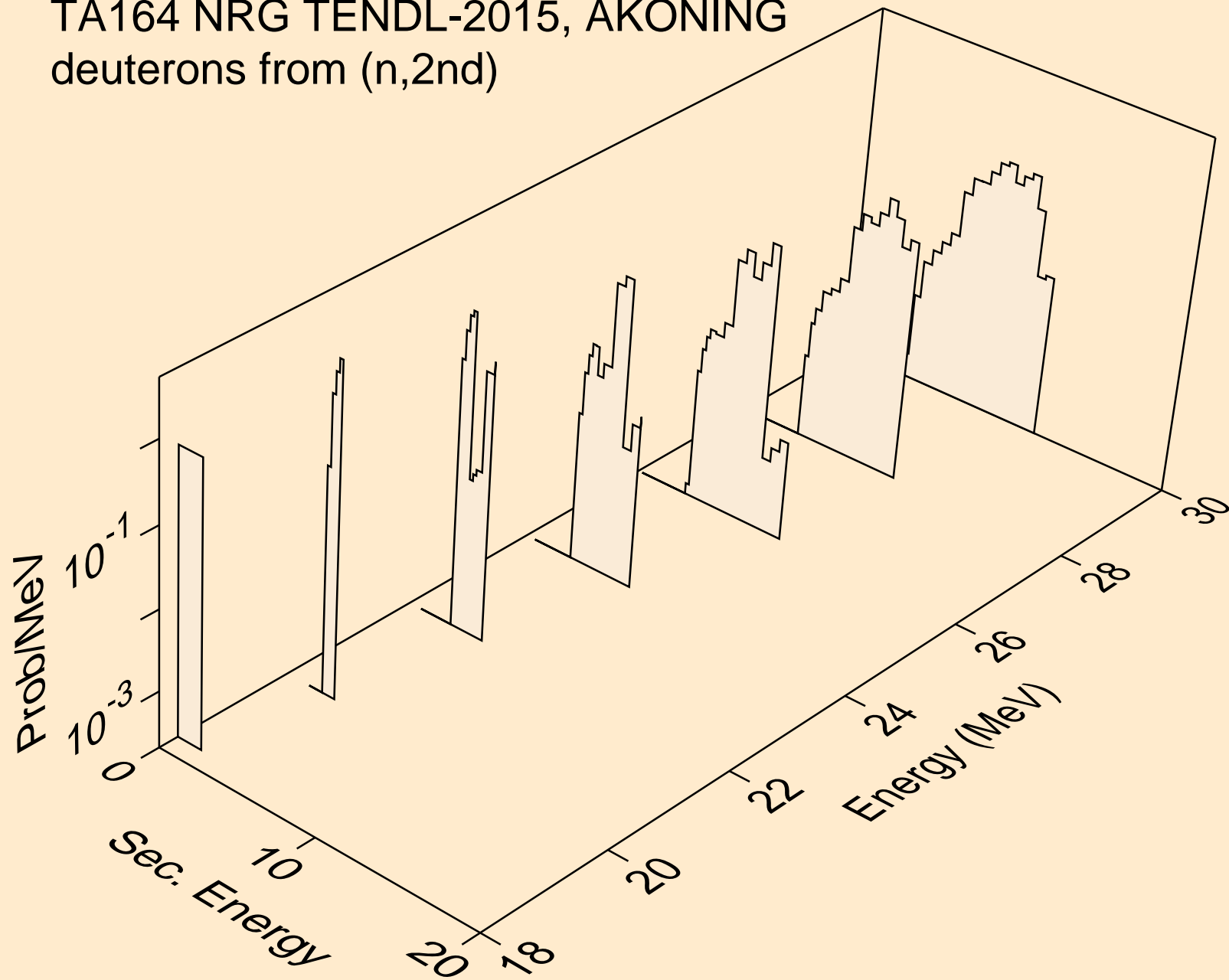
TA164 NRG TENDL-2015, AKONING  
protons from (n,pt)



TA164 NRG TENDL-2015, AKONING  
deuterons from (n,x)

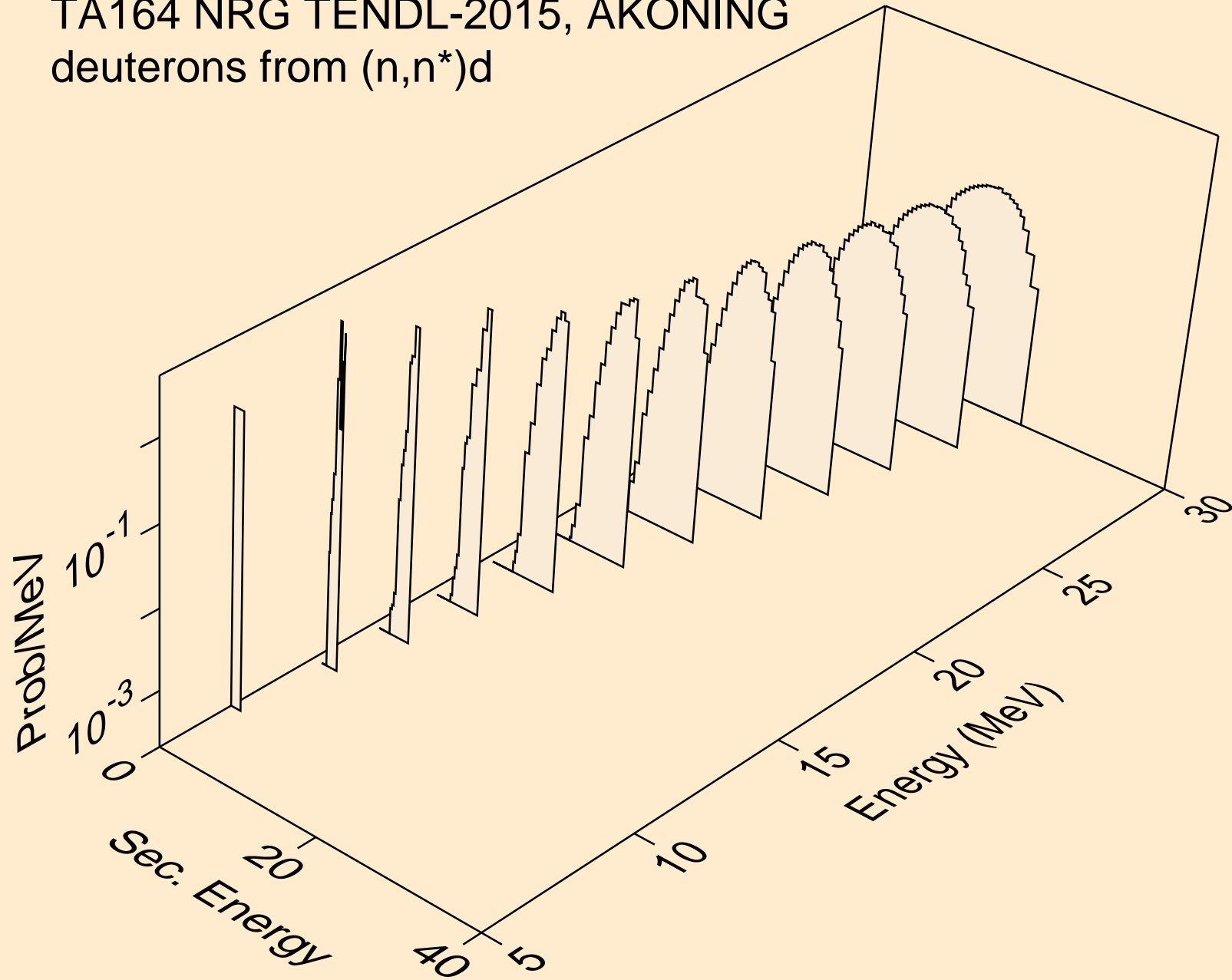


TA164 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)

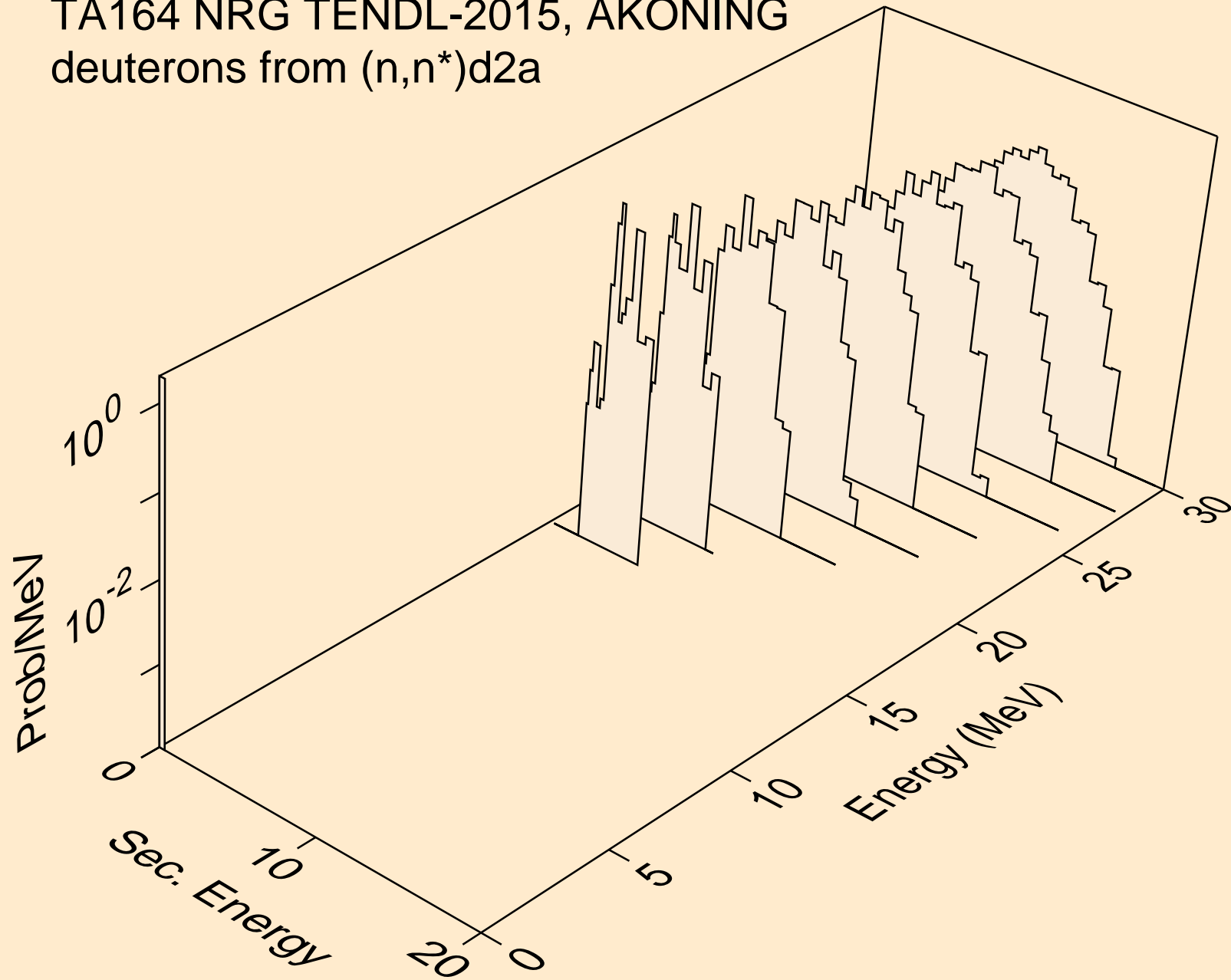




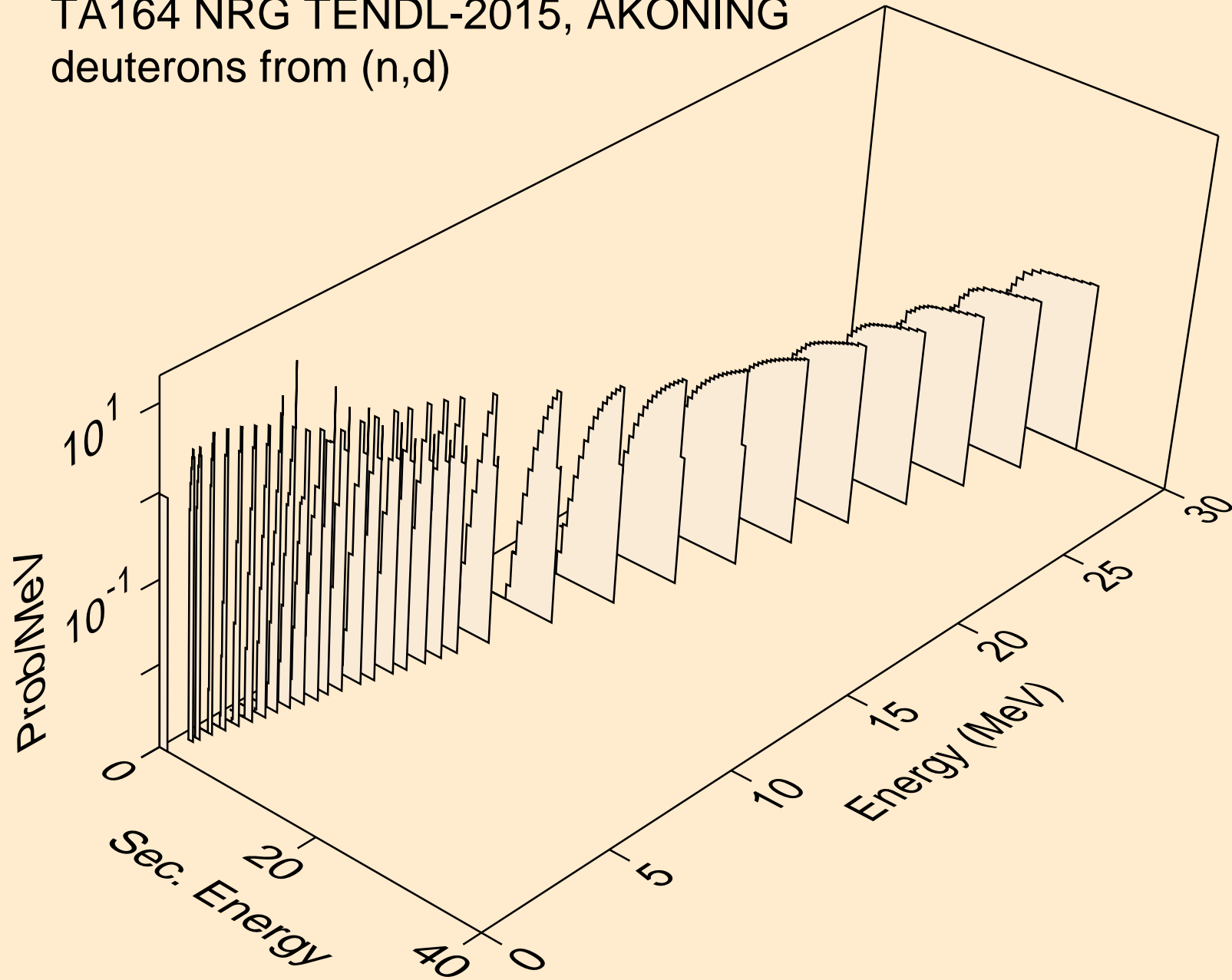
TA164 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



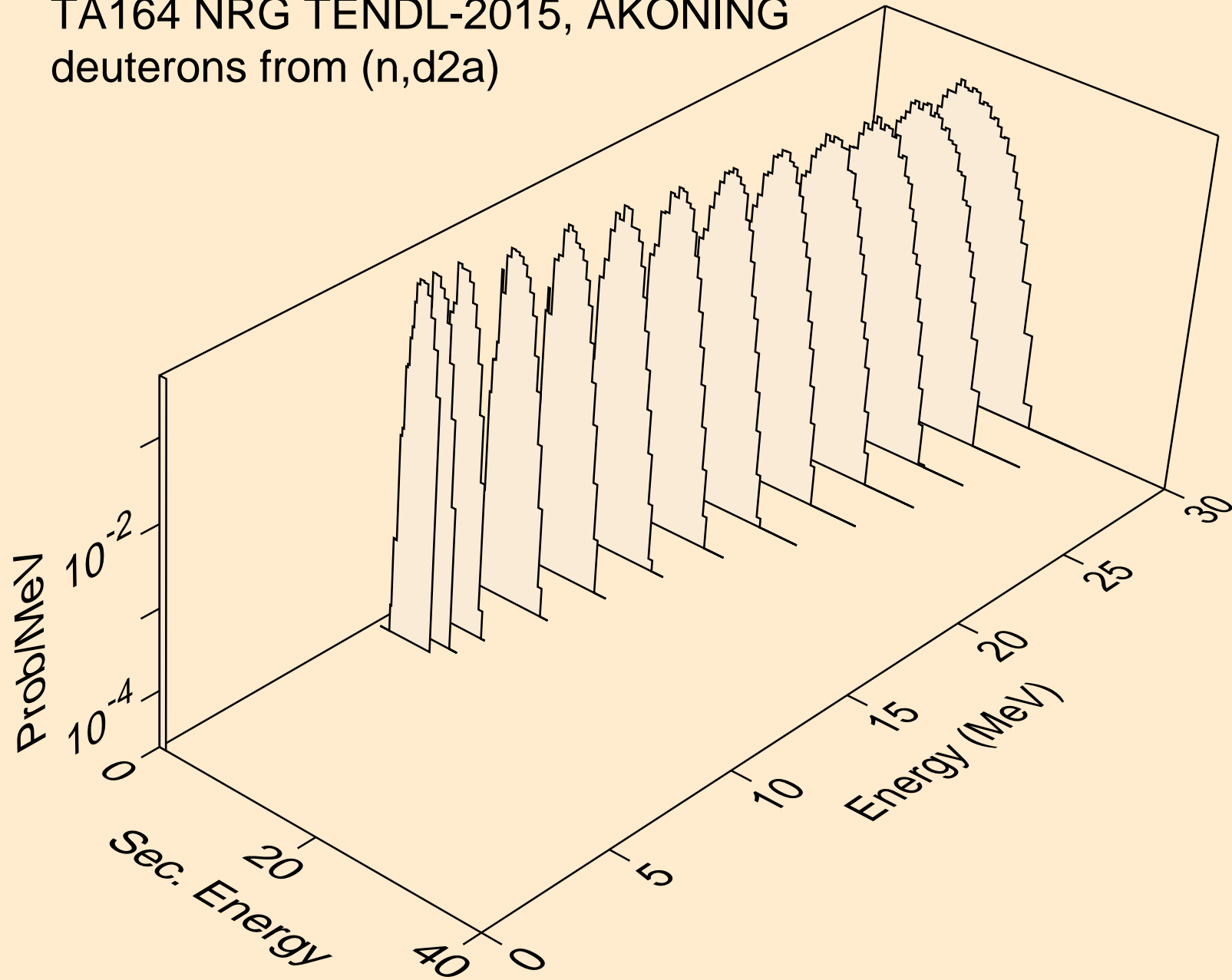
TA164 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d2a



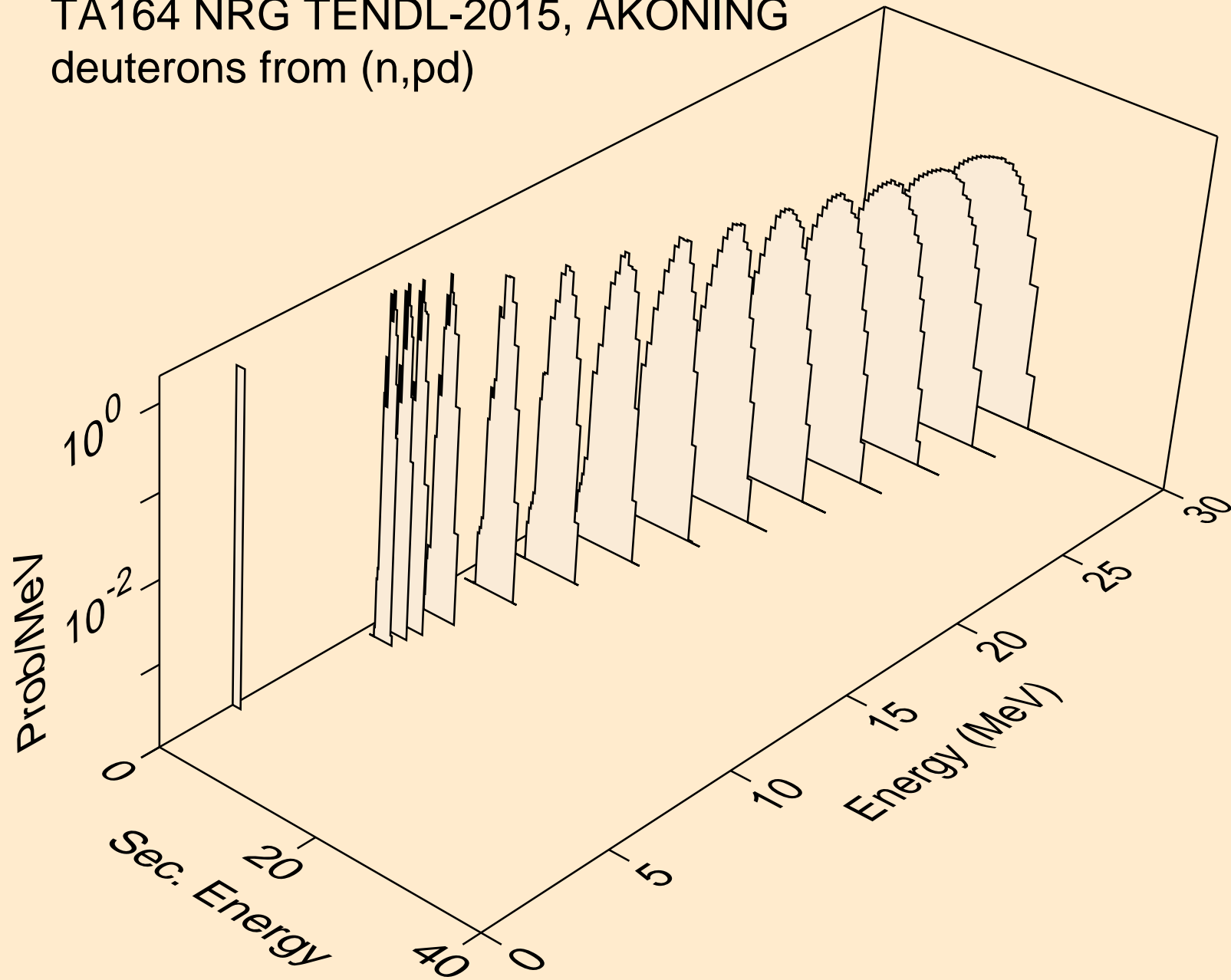
TA164 NRG TENDL-2015, AKONING  
deuterons from (n,d)



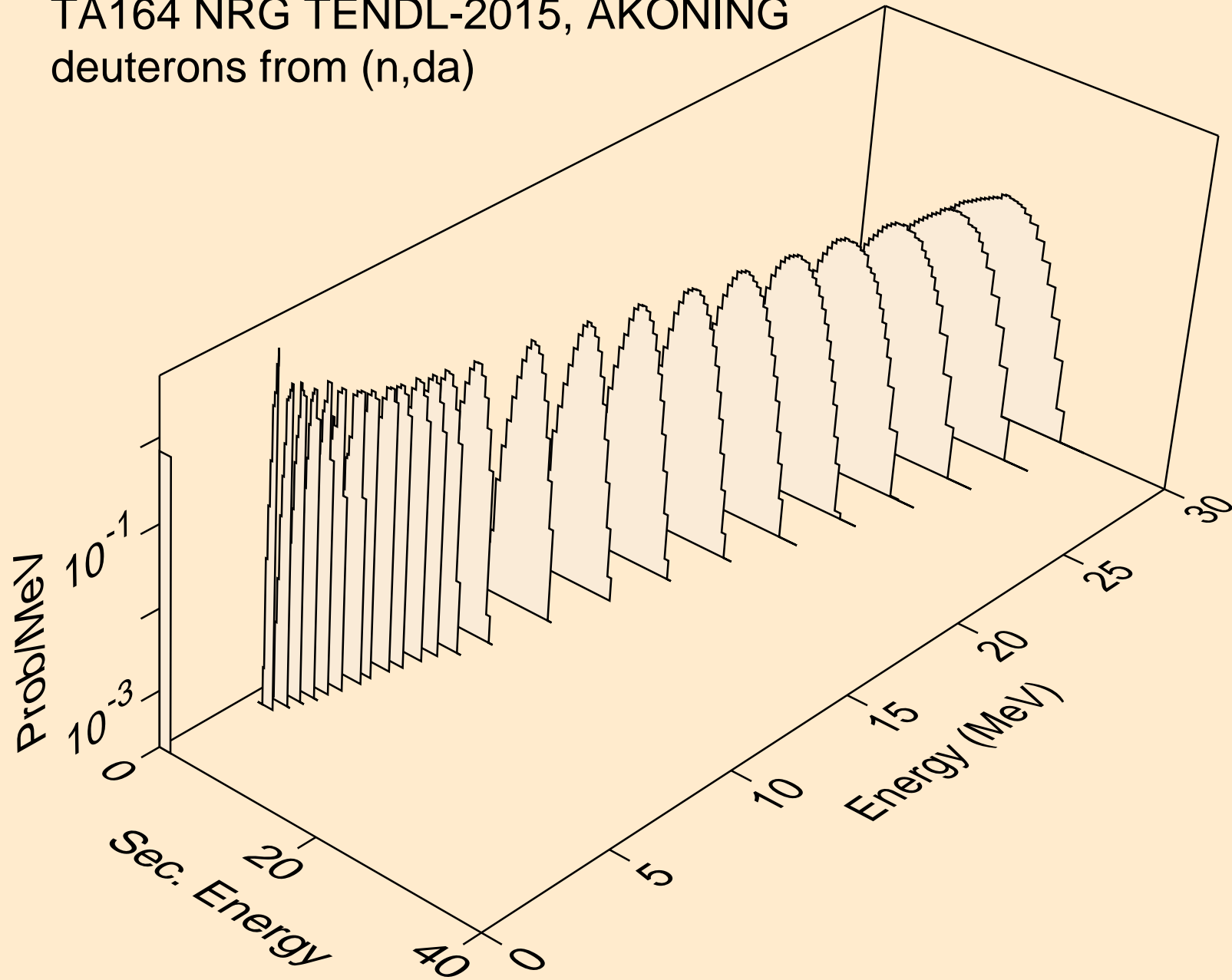
TA164 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)



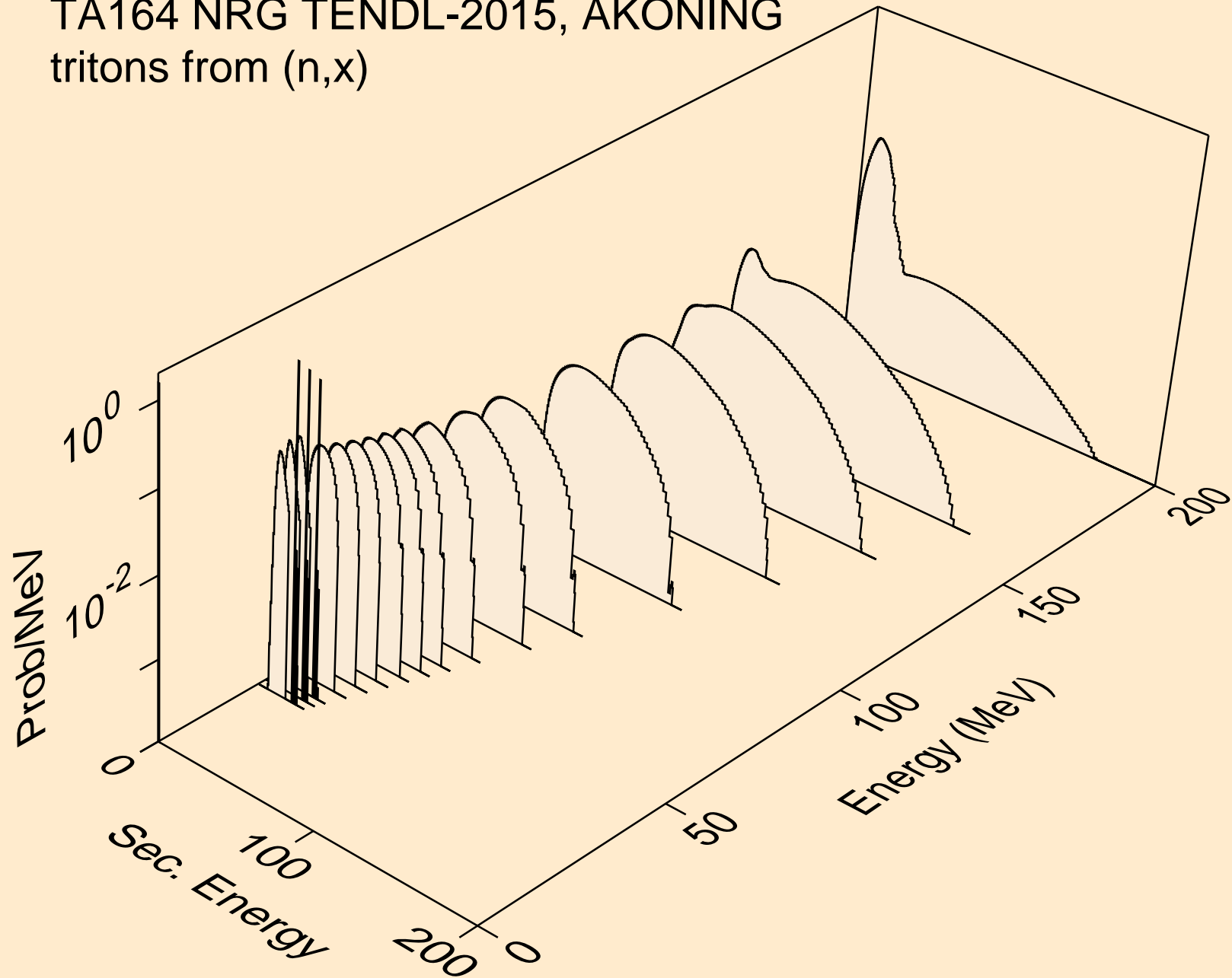
TA164 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



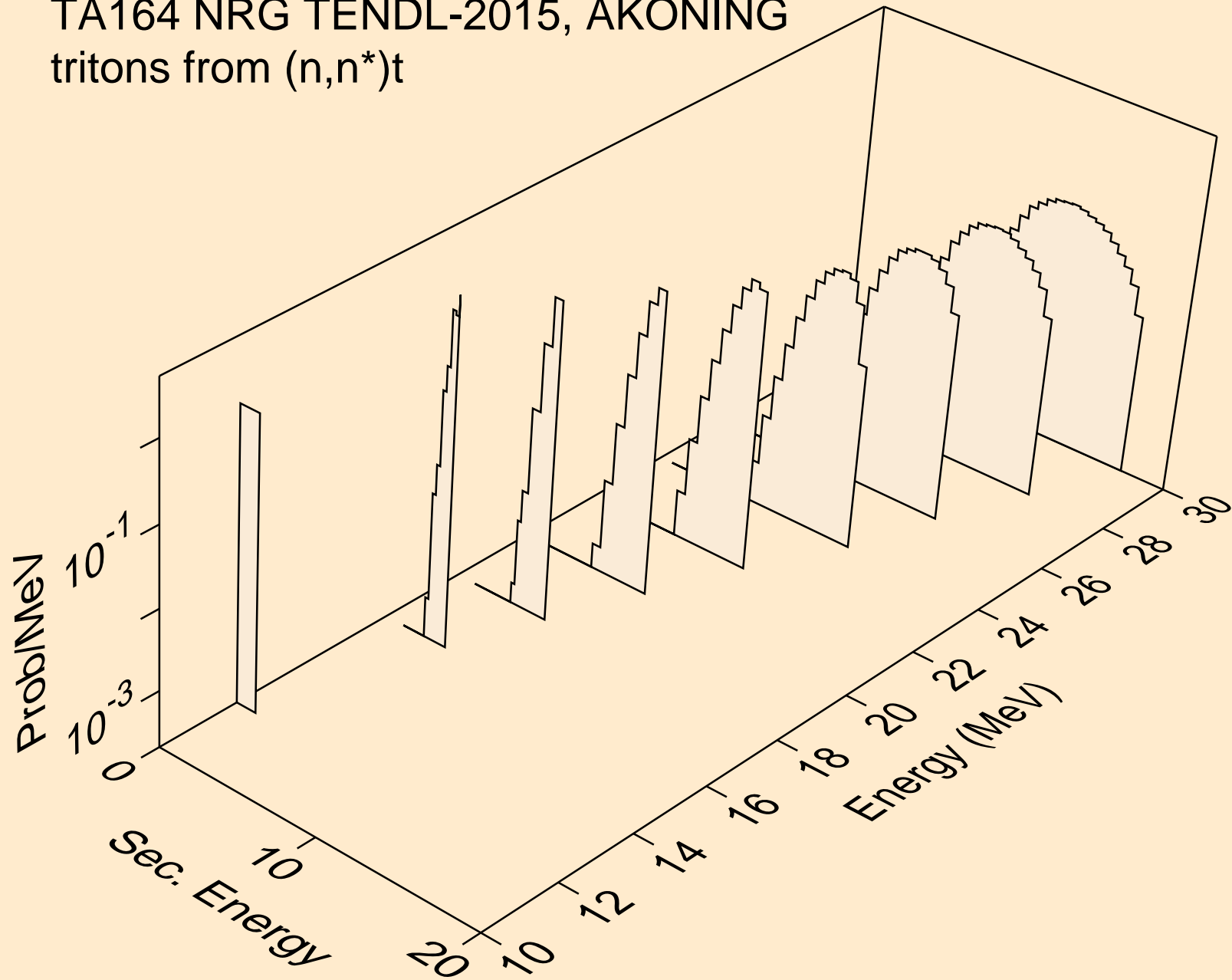
TA164 NRG TENDL-2015, AKONING  
deuterons from (n,da)



TA164 NRG TENDL-2015, AKONING  
tritons from (n,x)

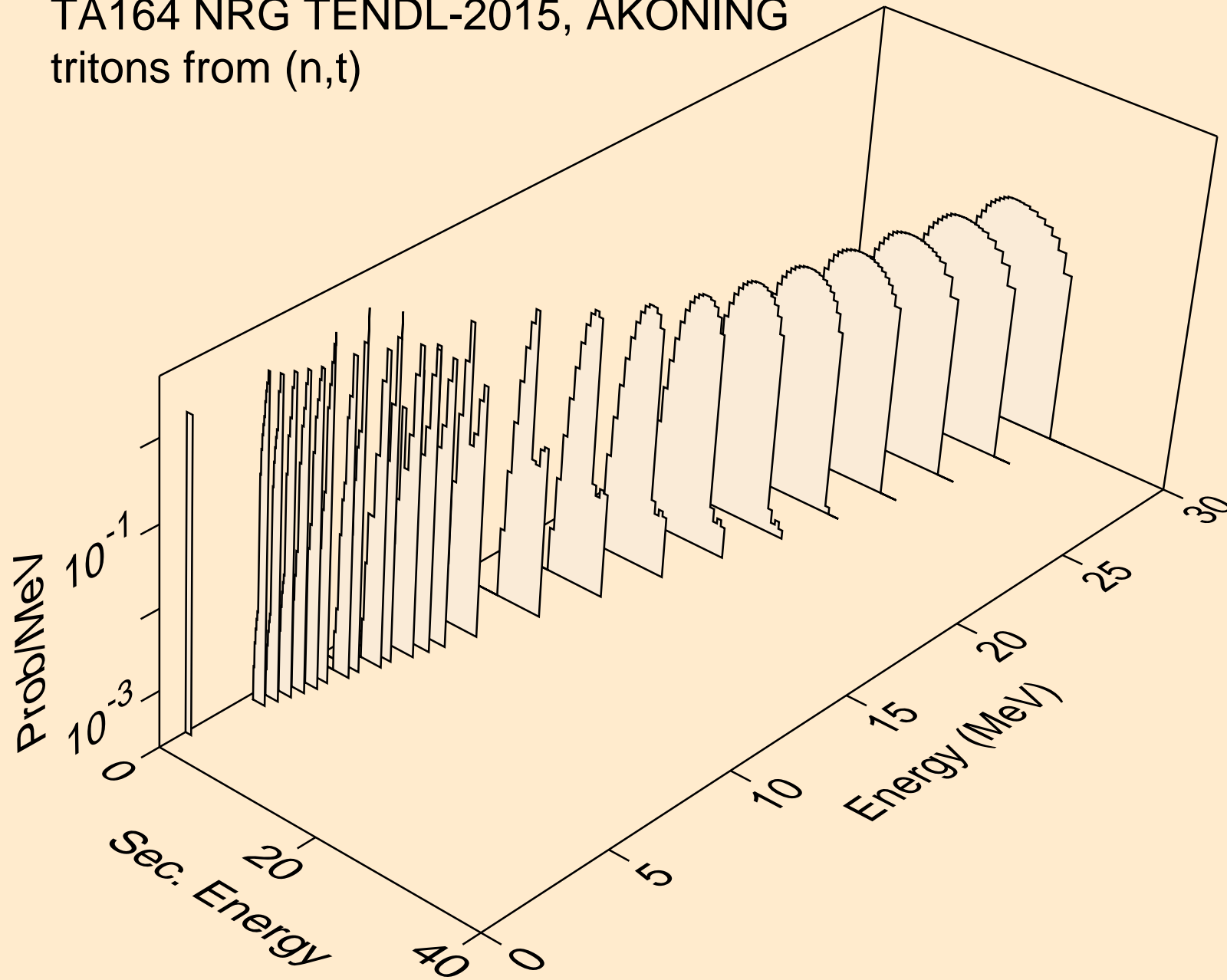


TA164 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

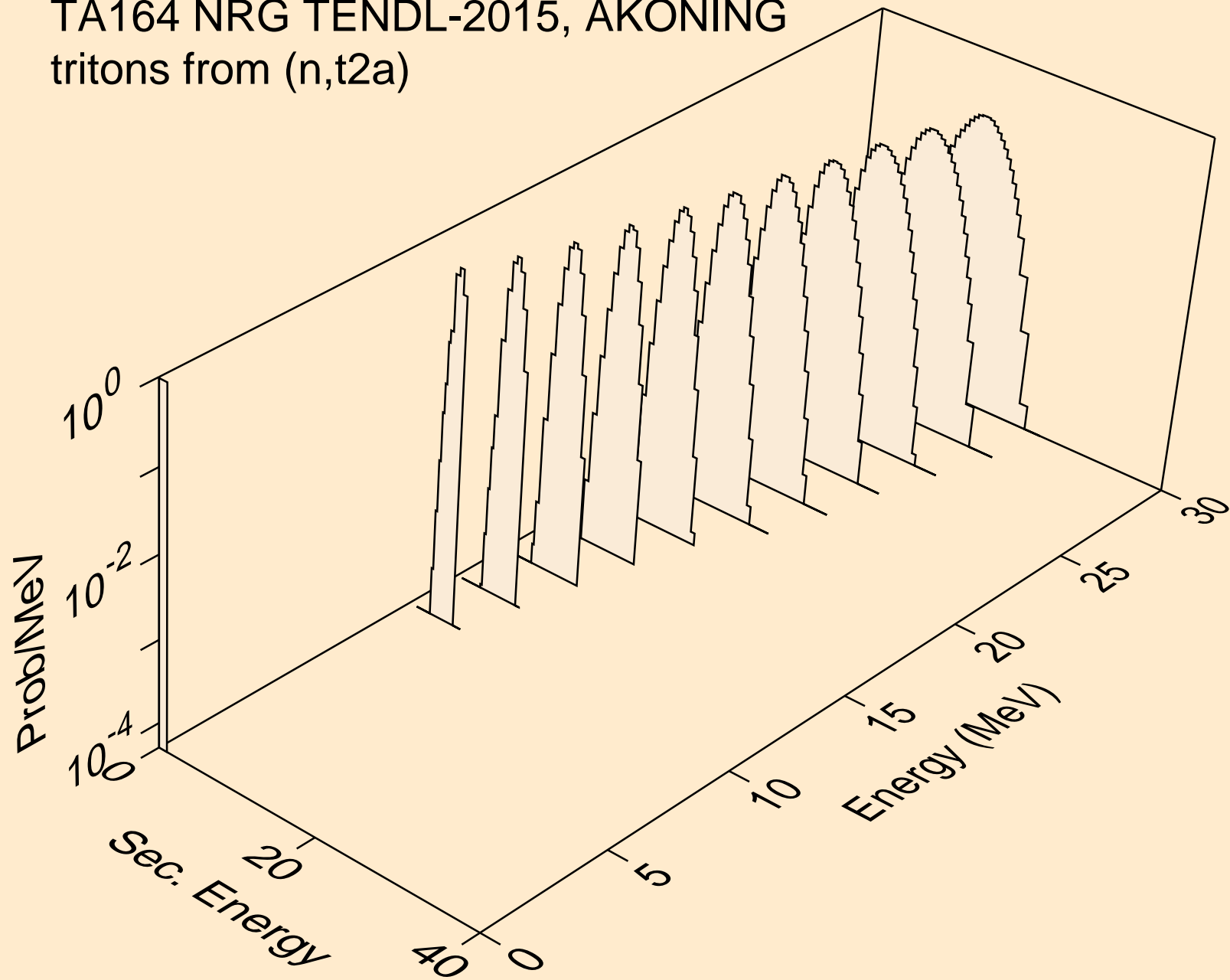




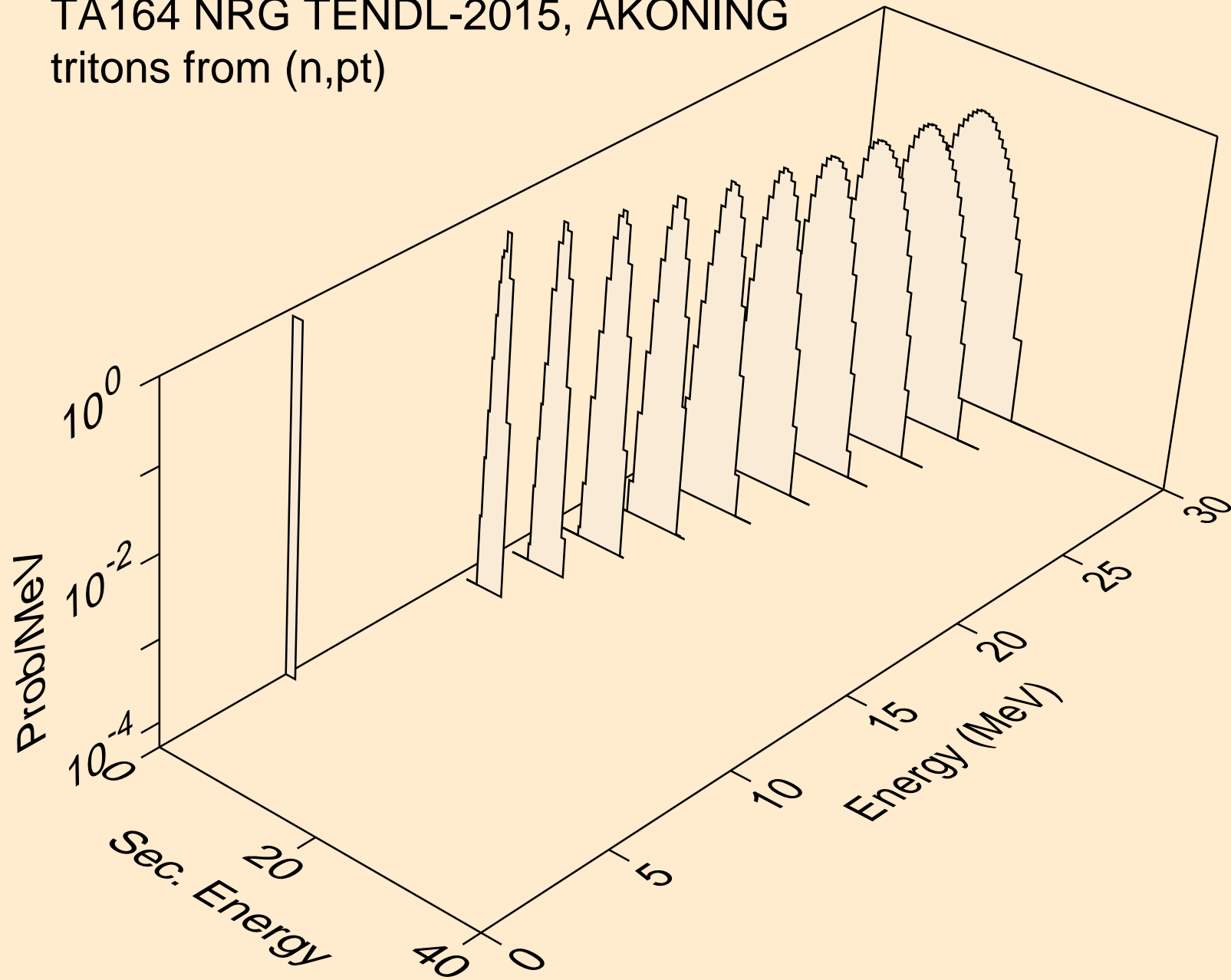
TA164 NRG TENDL-2015, AKONING  
tritons from (n,t)



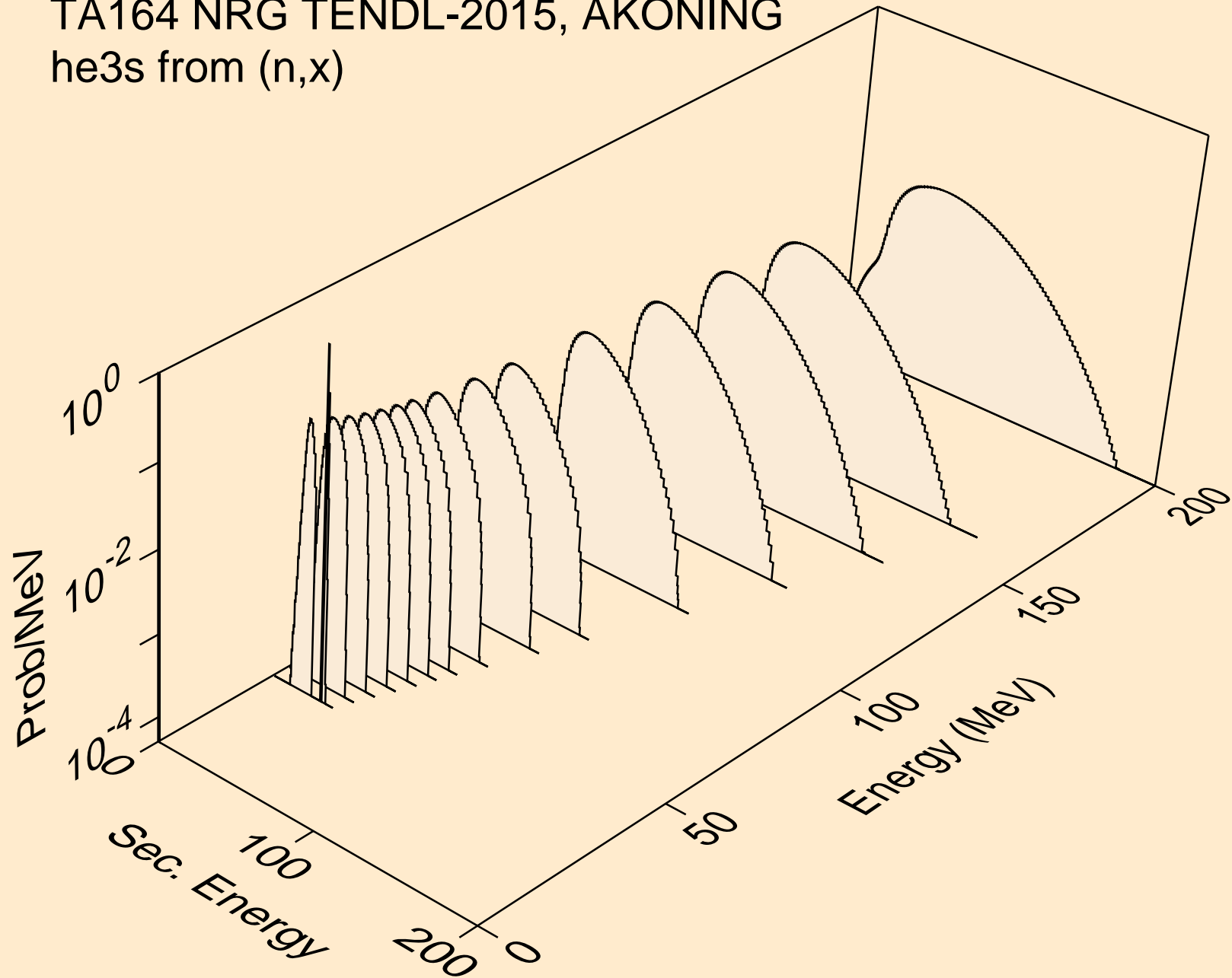
TA164 NRG TENDL-2015, AKONING  
tritons from (n,t2a)



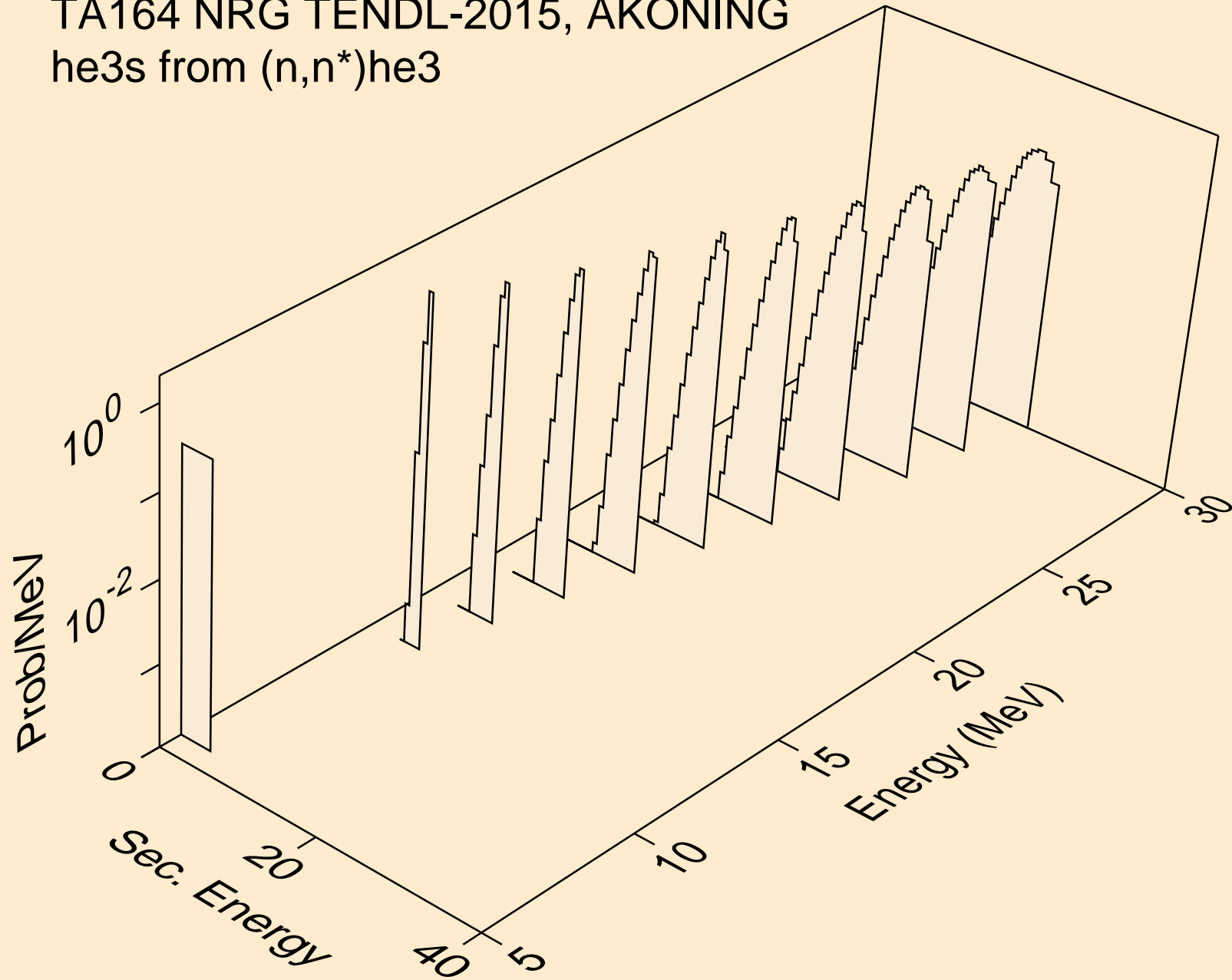
TA164 NRG TENDL-2015, AKONING  
tritons from (n,pt)



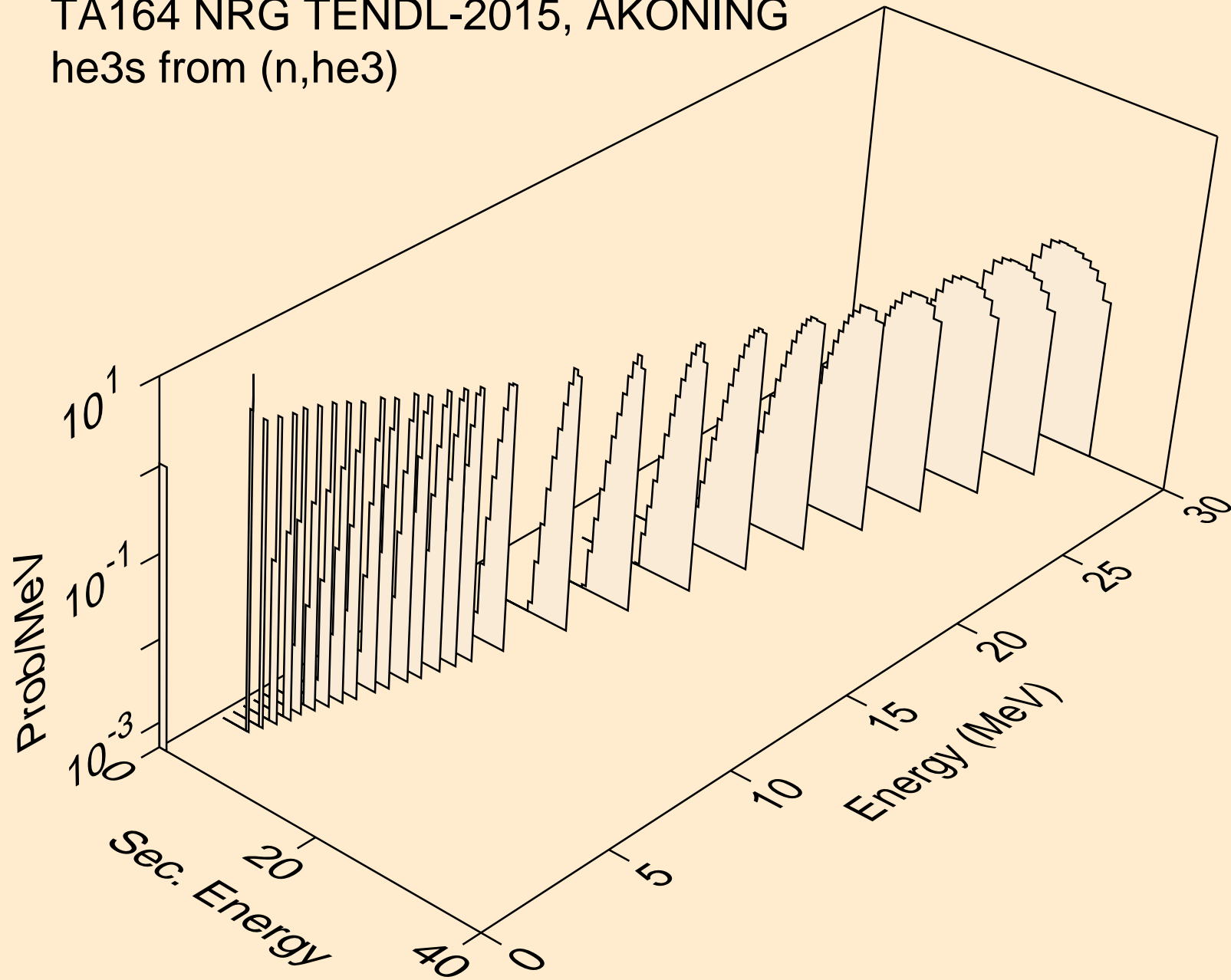
TA164 NRG TENDL-2015, AKONING  
he3s from (n,x)



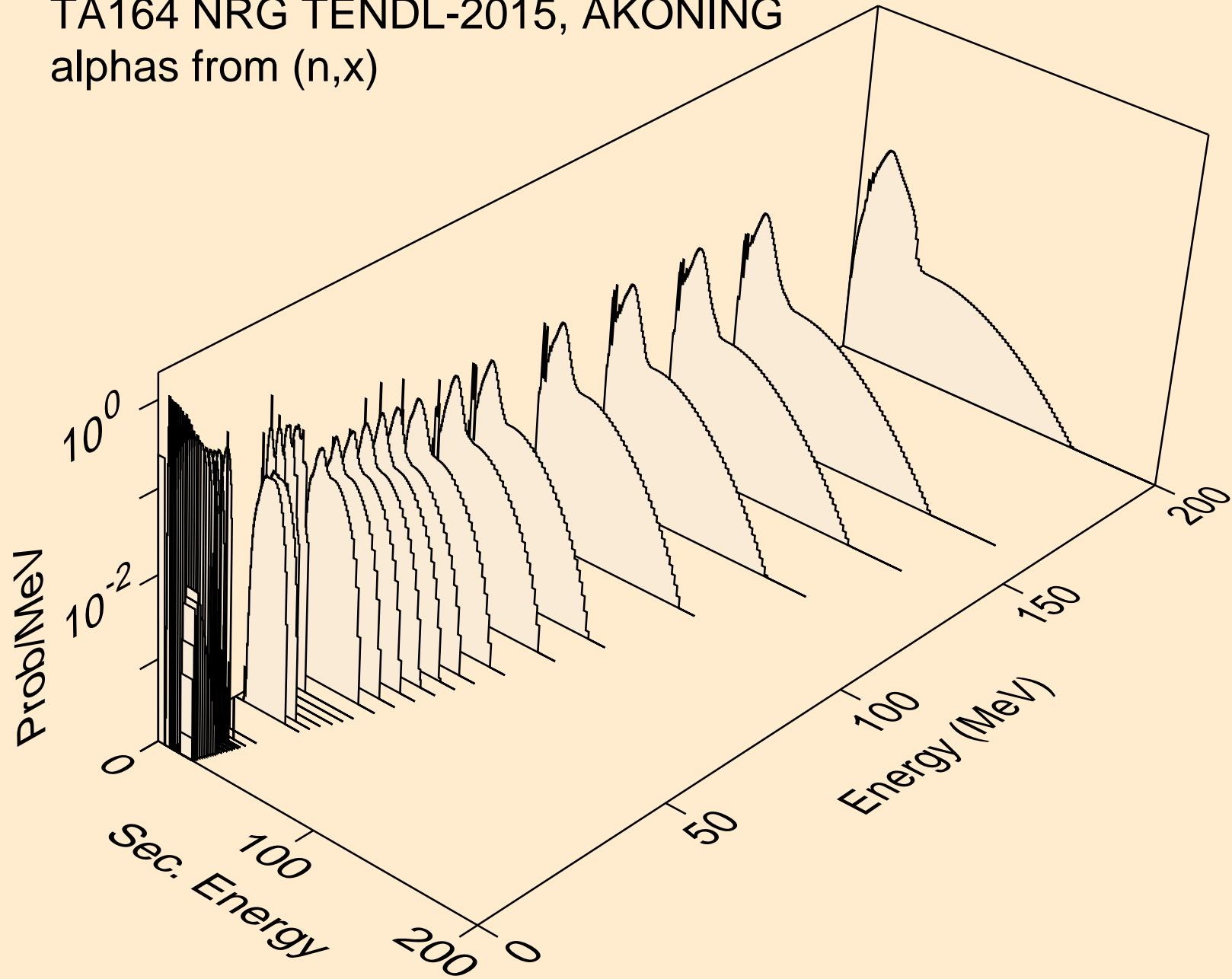
TA164 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



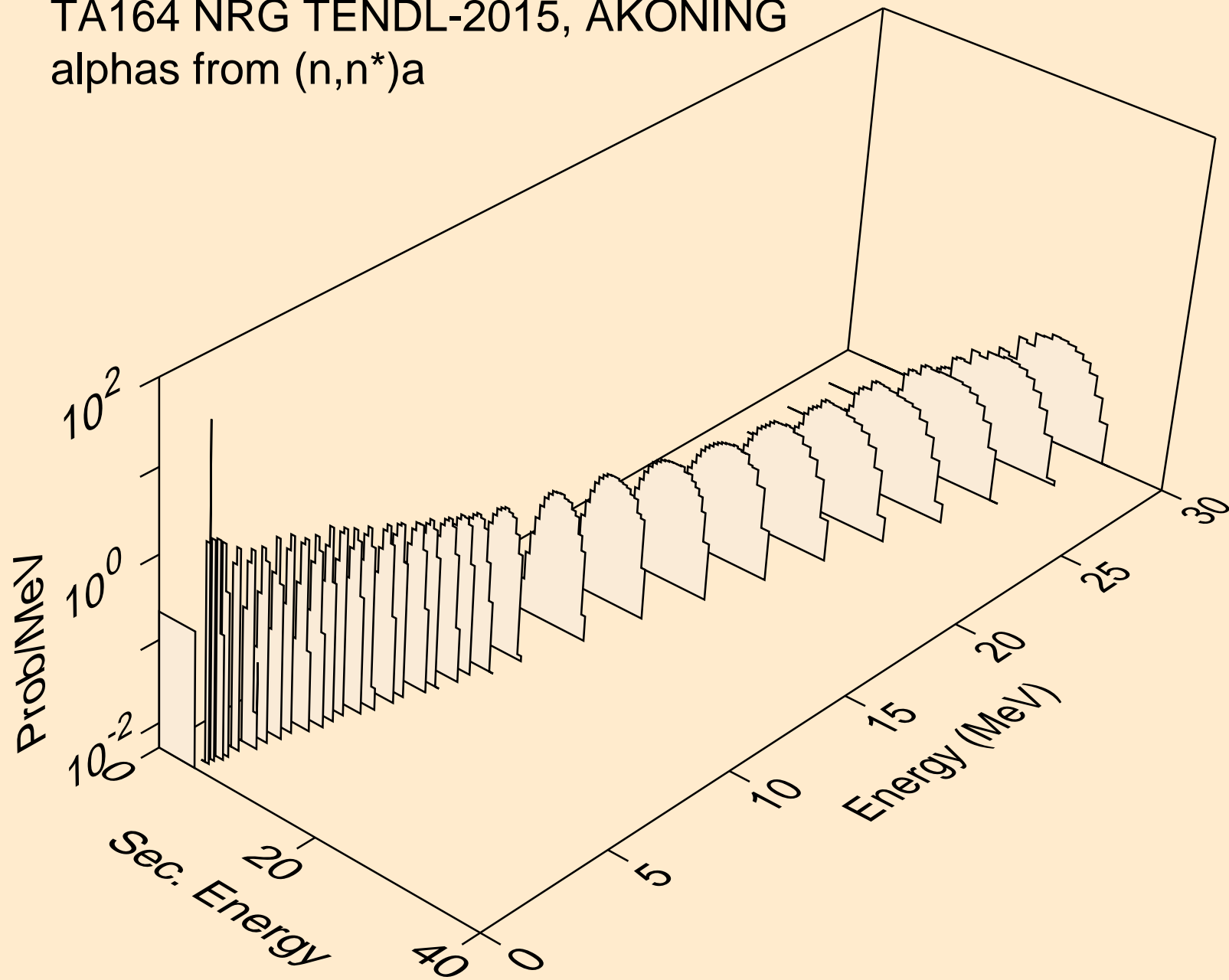
TA164 NRG TENDL-2015, AKONING  
he3s from (n,he3)



TA164 NRG TENDL-2015, AKONING  
alphas from (n,x)

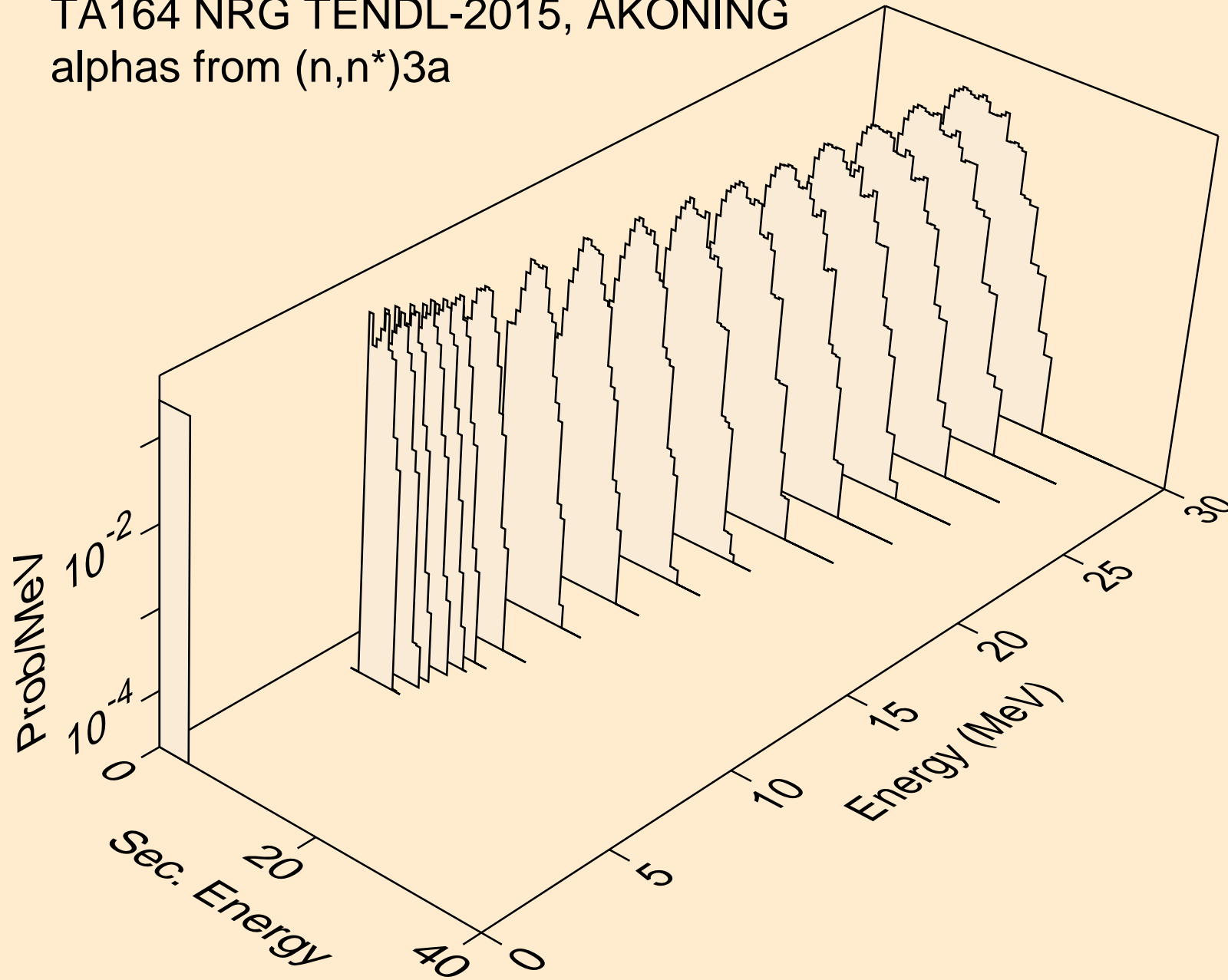


TA164 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

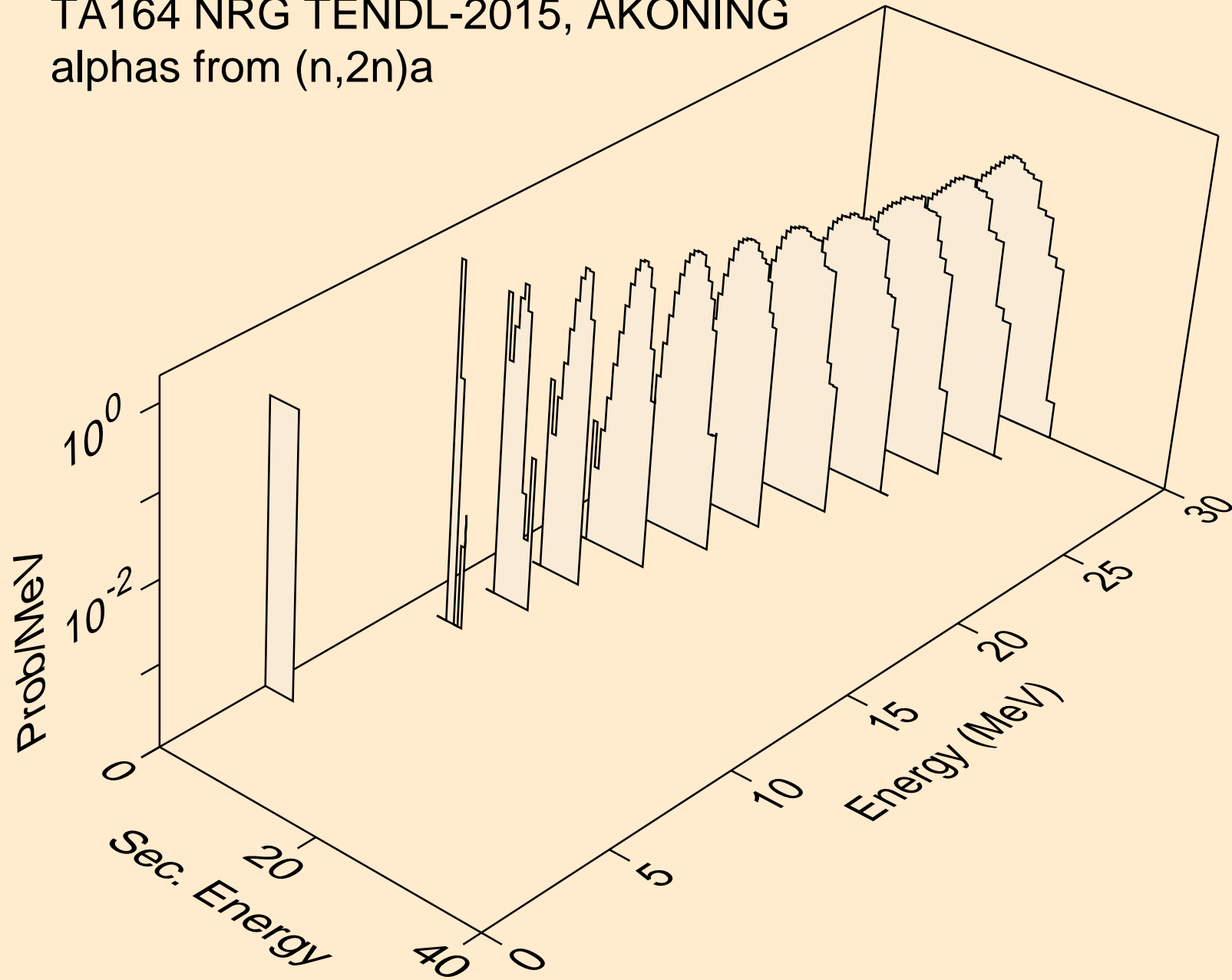




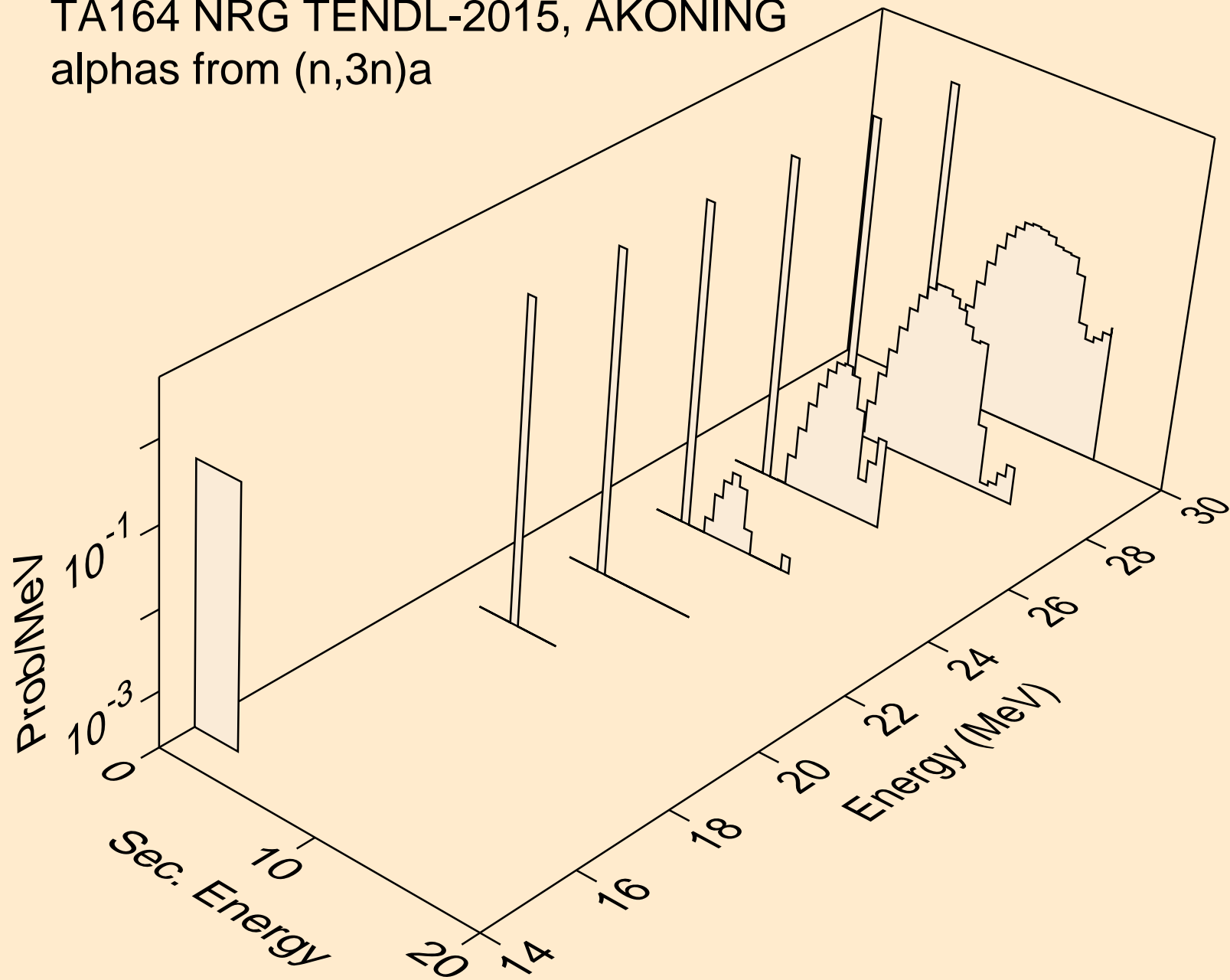
TA164 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a



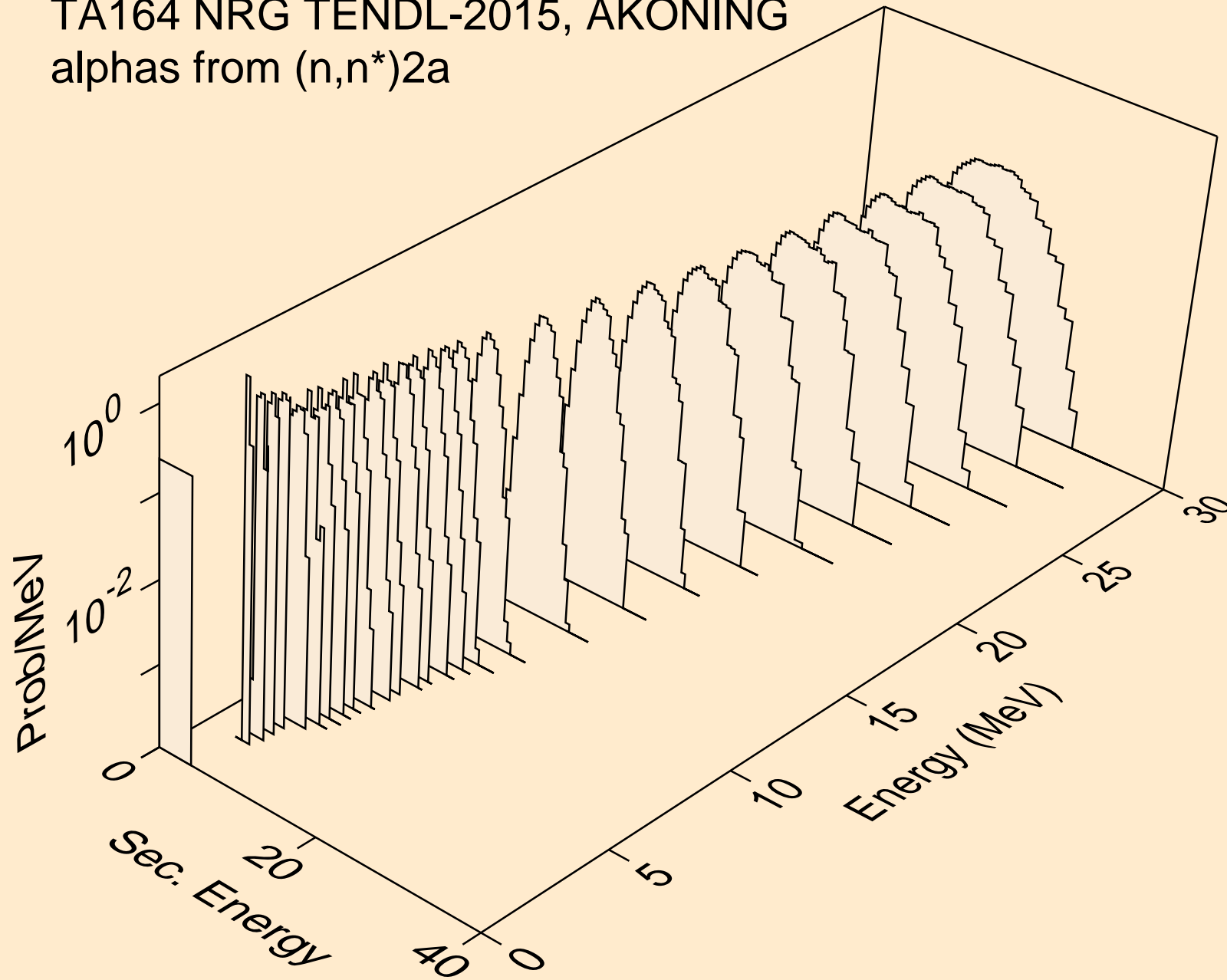
TA164 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



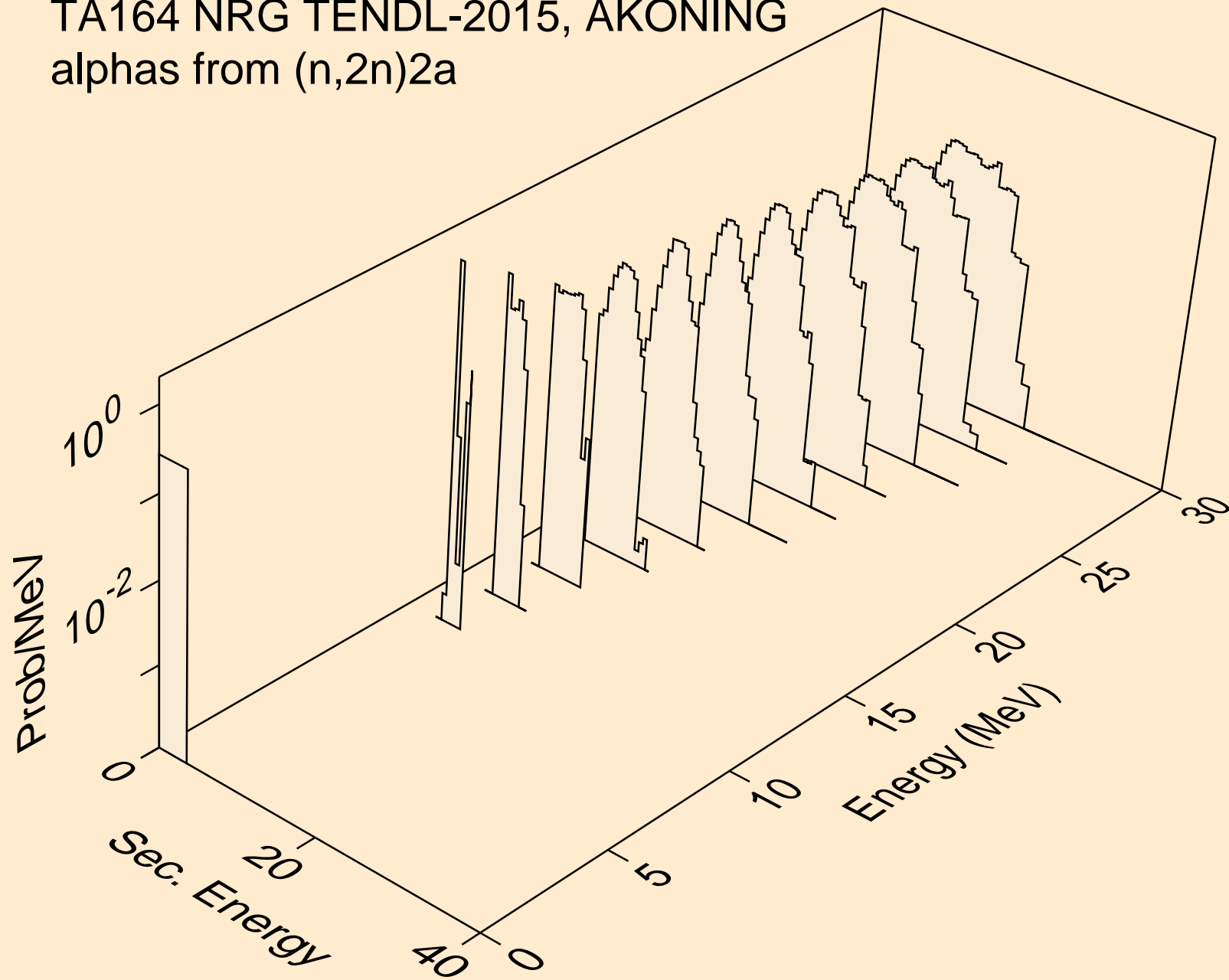
TA164 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



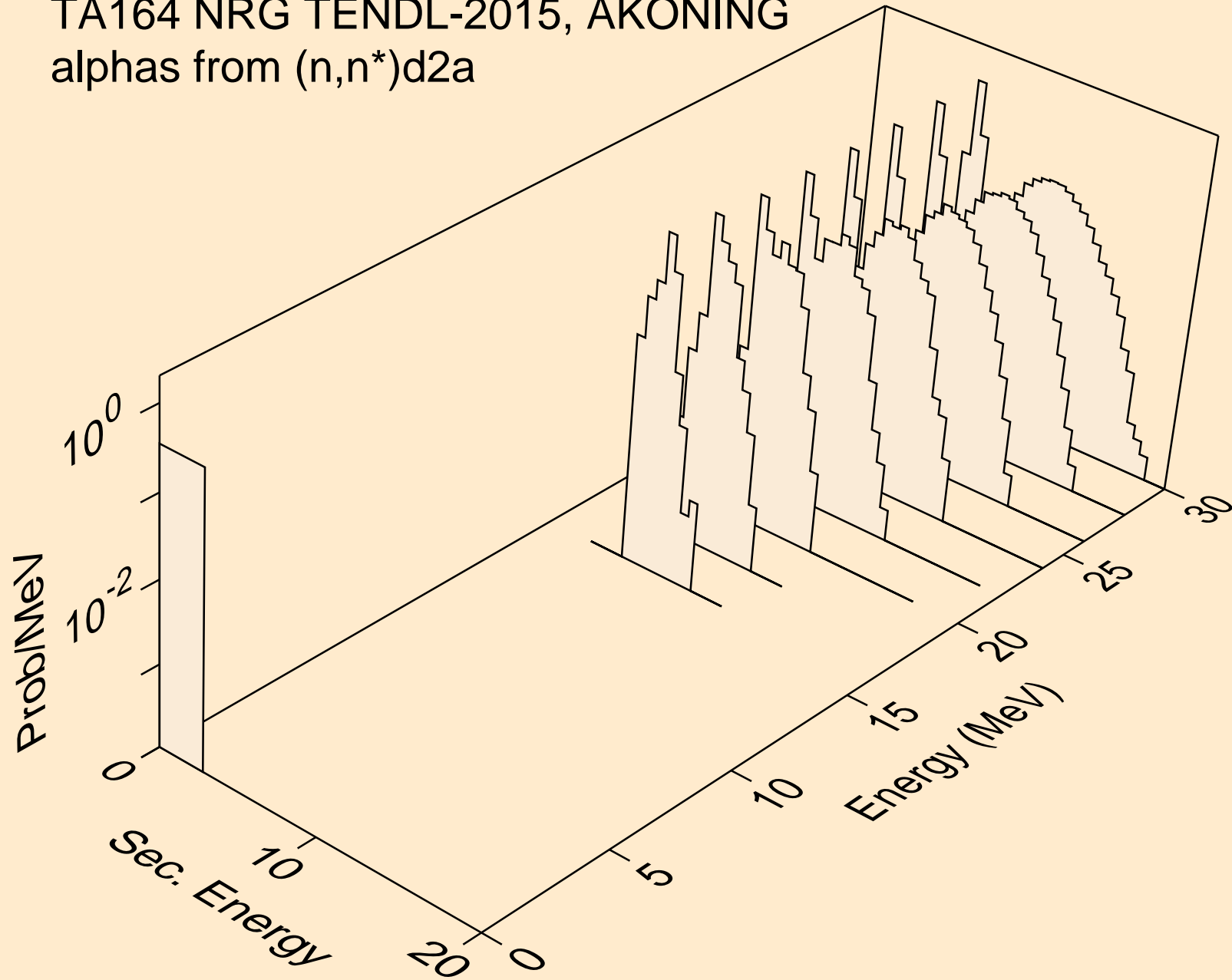
TA164 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



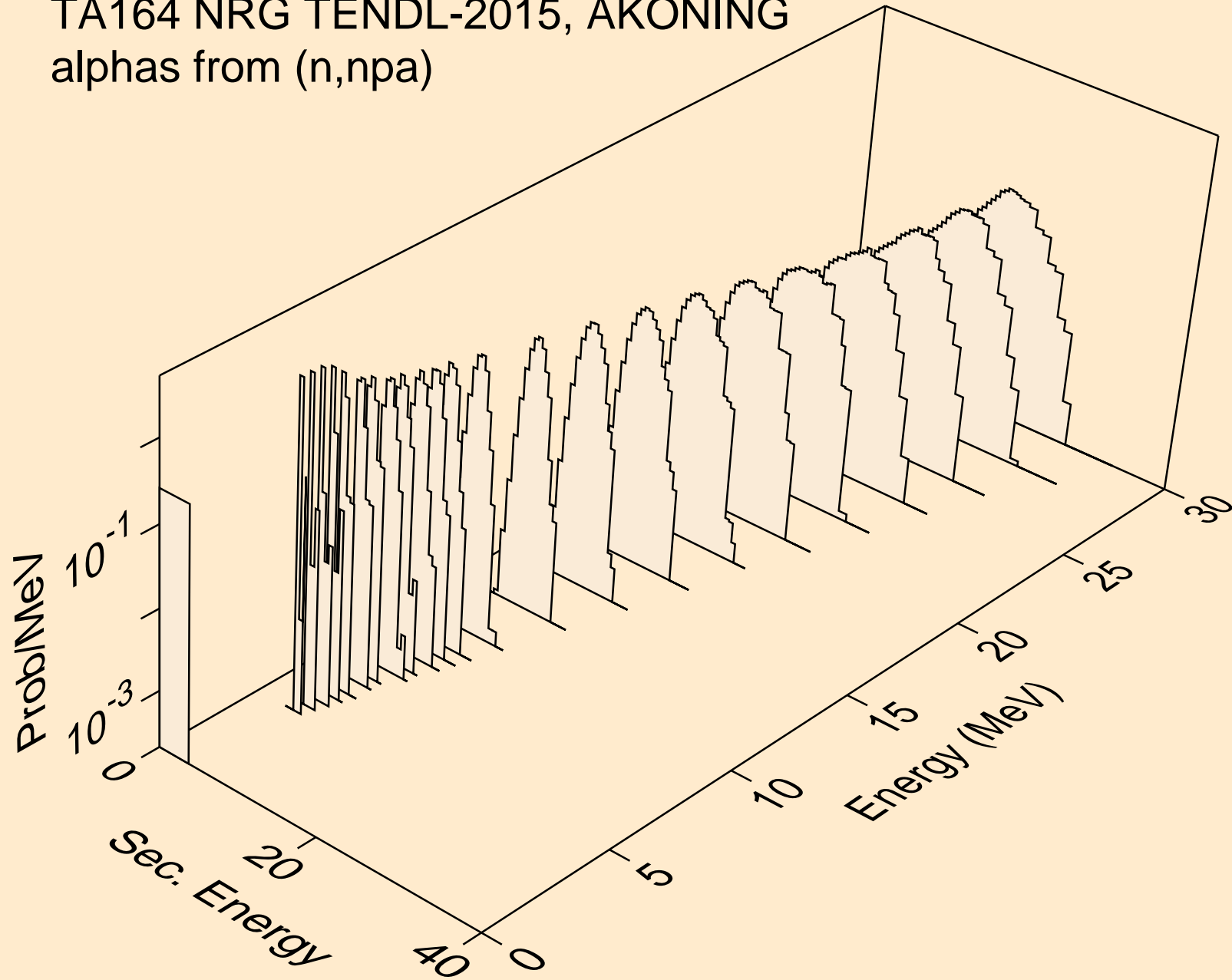
TA164 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



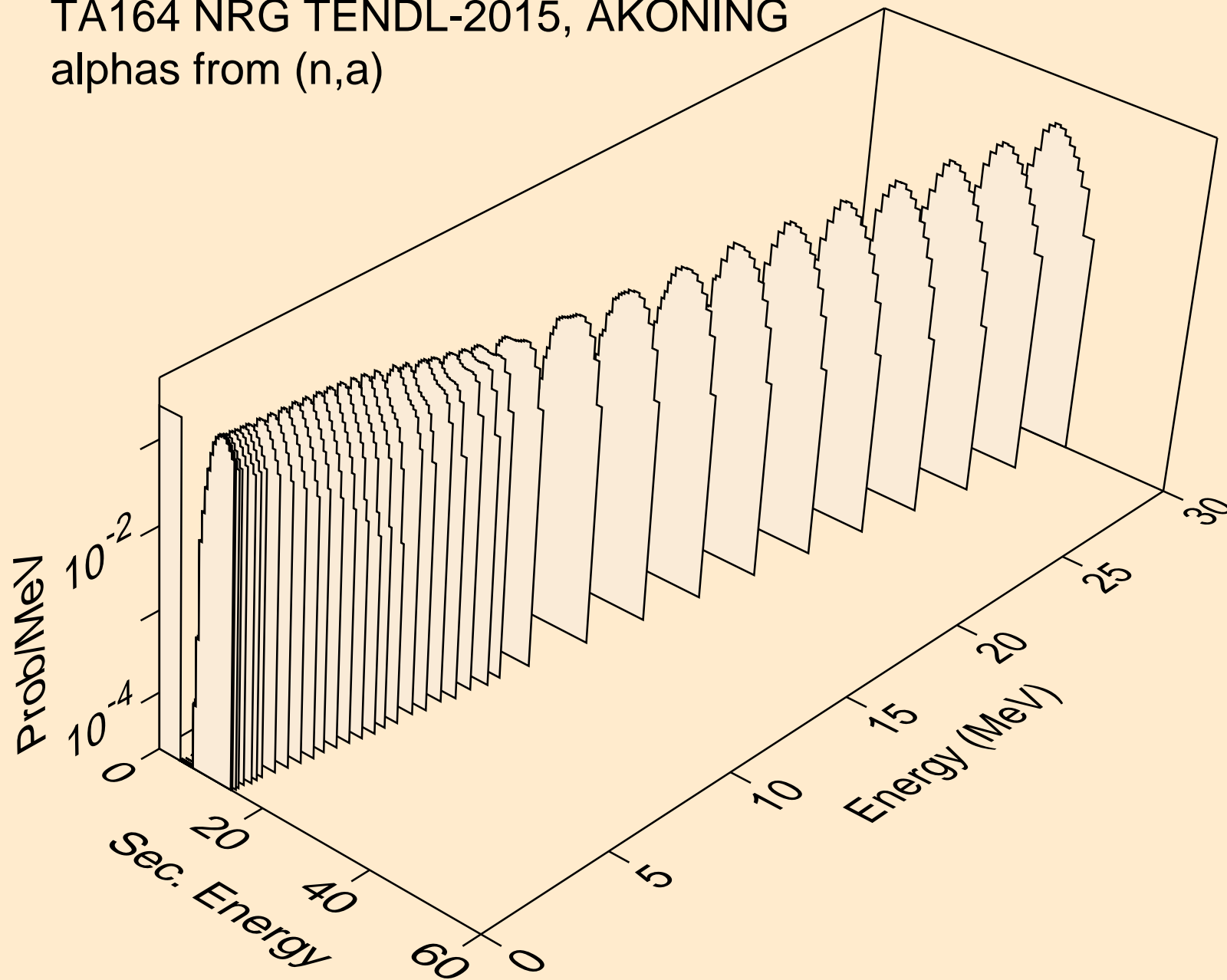
TA164 NRG TENDL-2015, AKONING  
alphas from (n,n\*)d2a



TA164 NRG TENDL-2015, AKONING  
alphas from (n,npa)

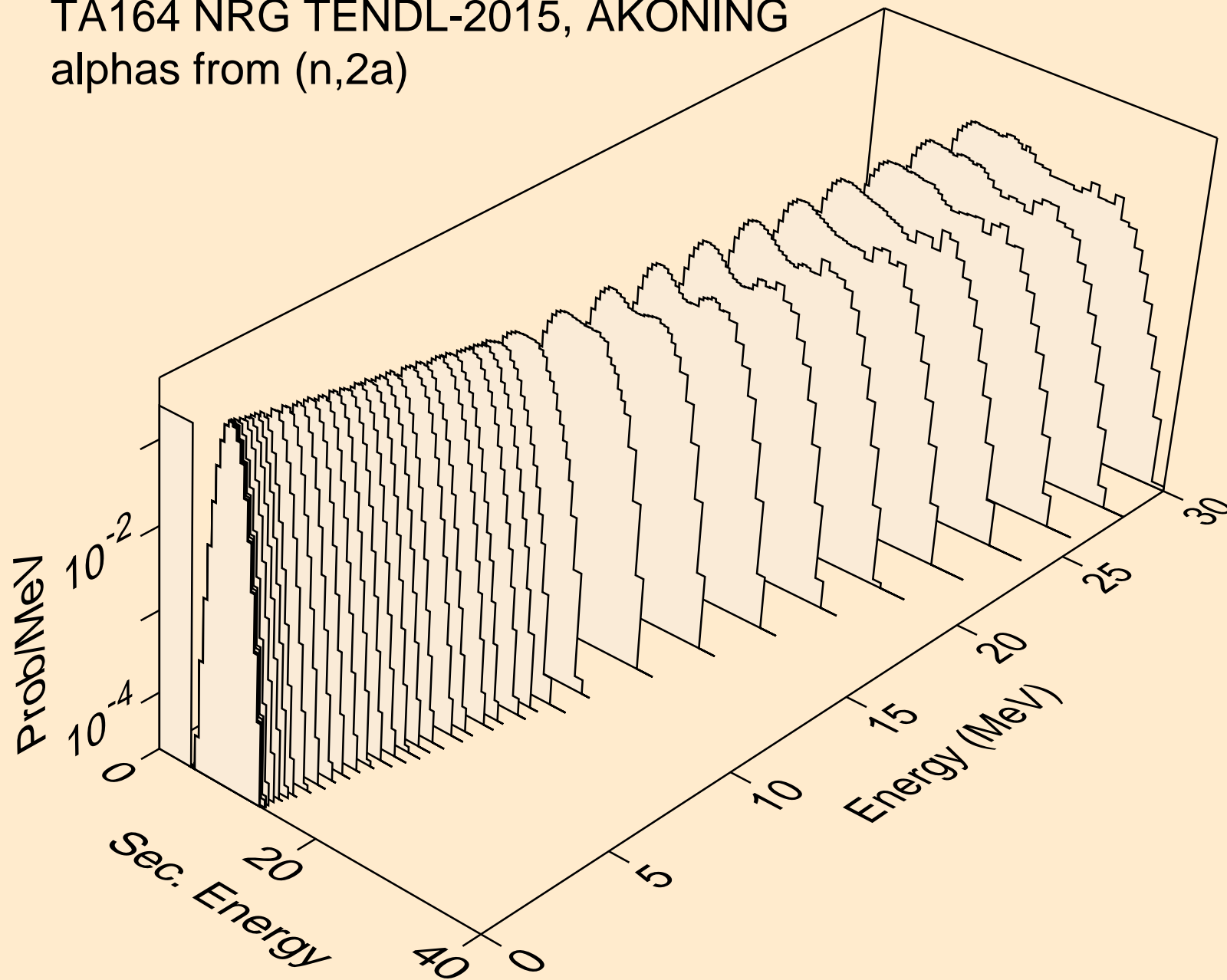


TA164 NRG TENDL-2015, AKONING  
alphas from (n,a)

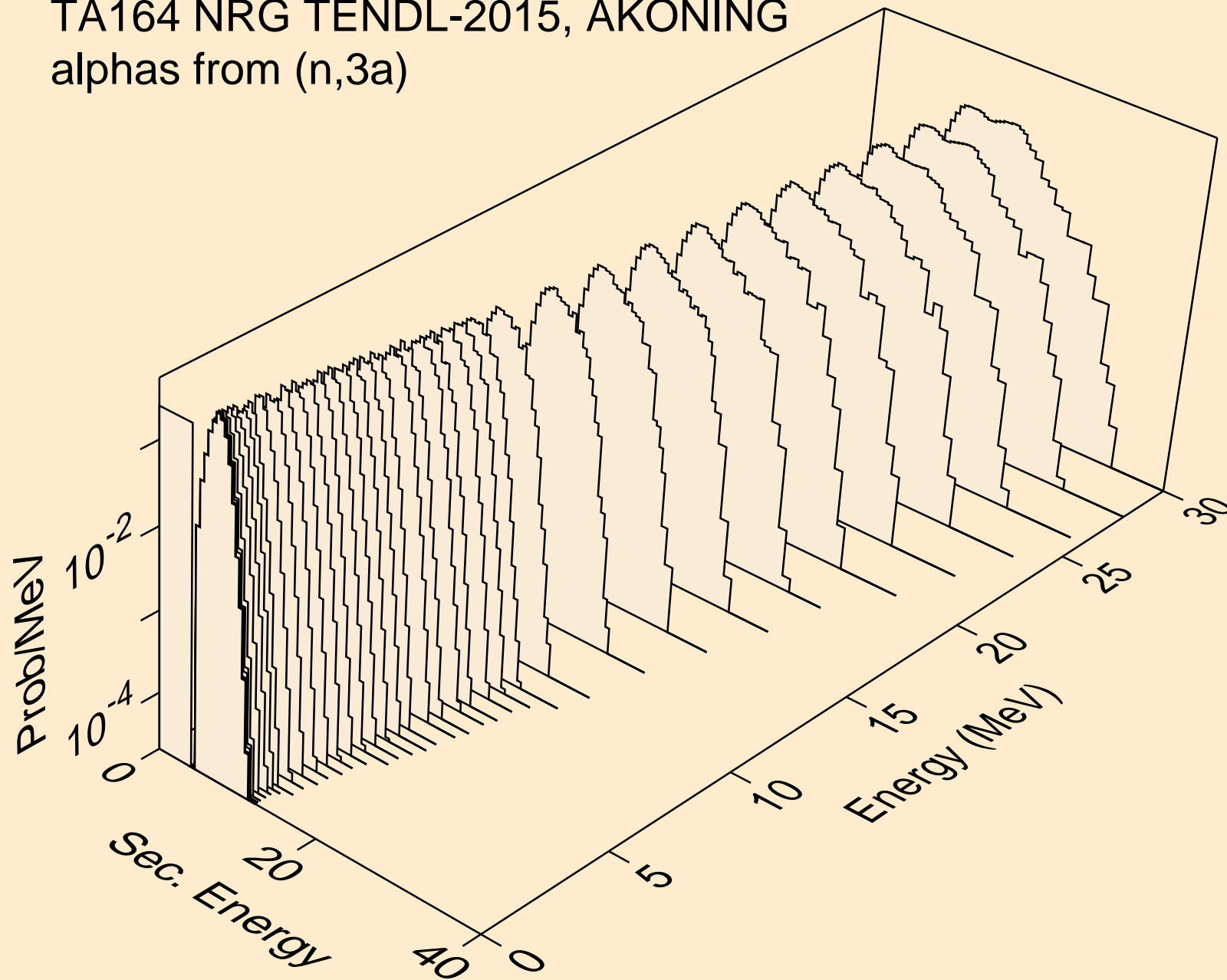




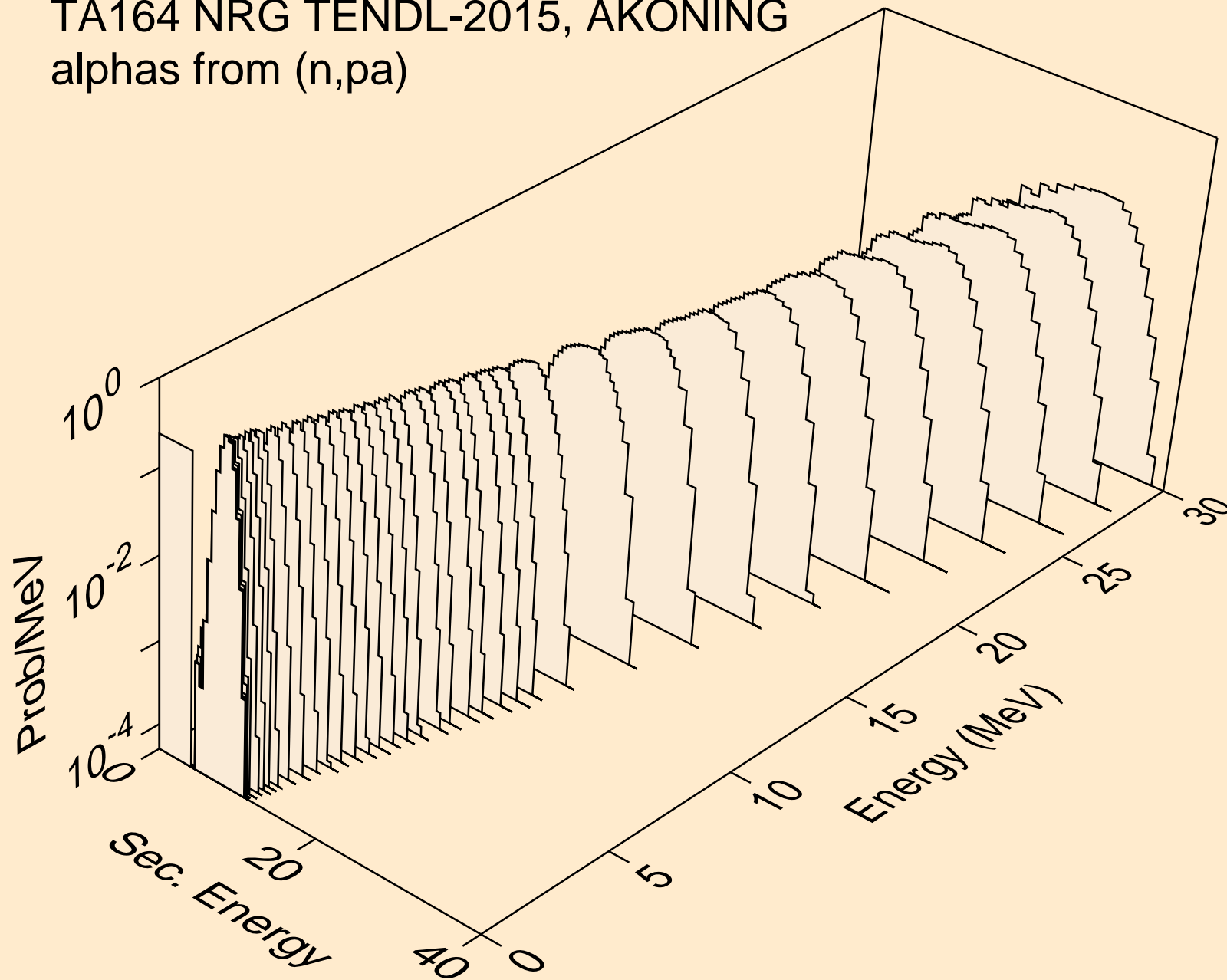
TA164 NRG TENDL-2015, AKONING  
alphas from (n,2a)



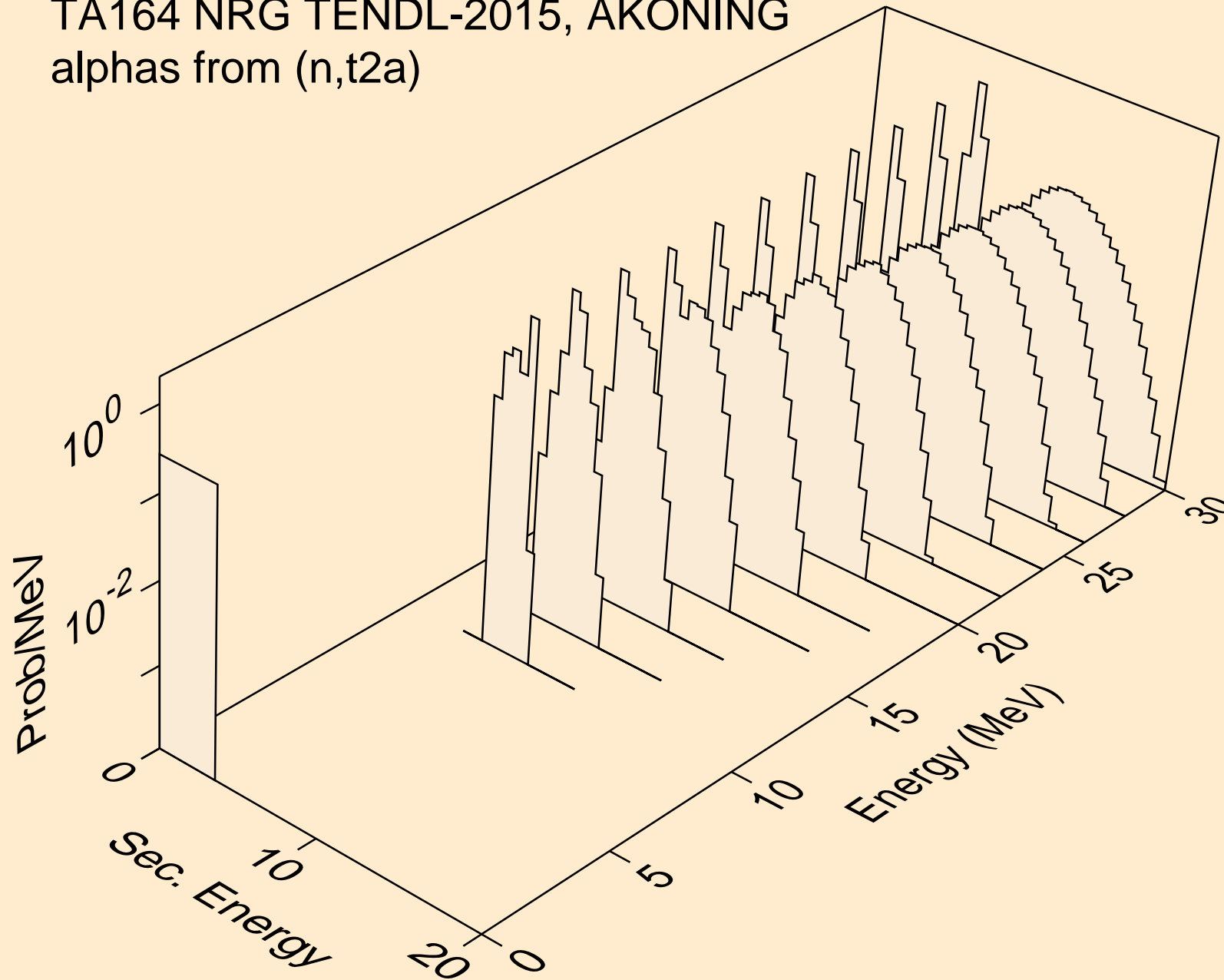
TA164 NRG TENDL-2015, AKONING  
alphas from (n,3a)



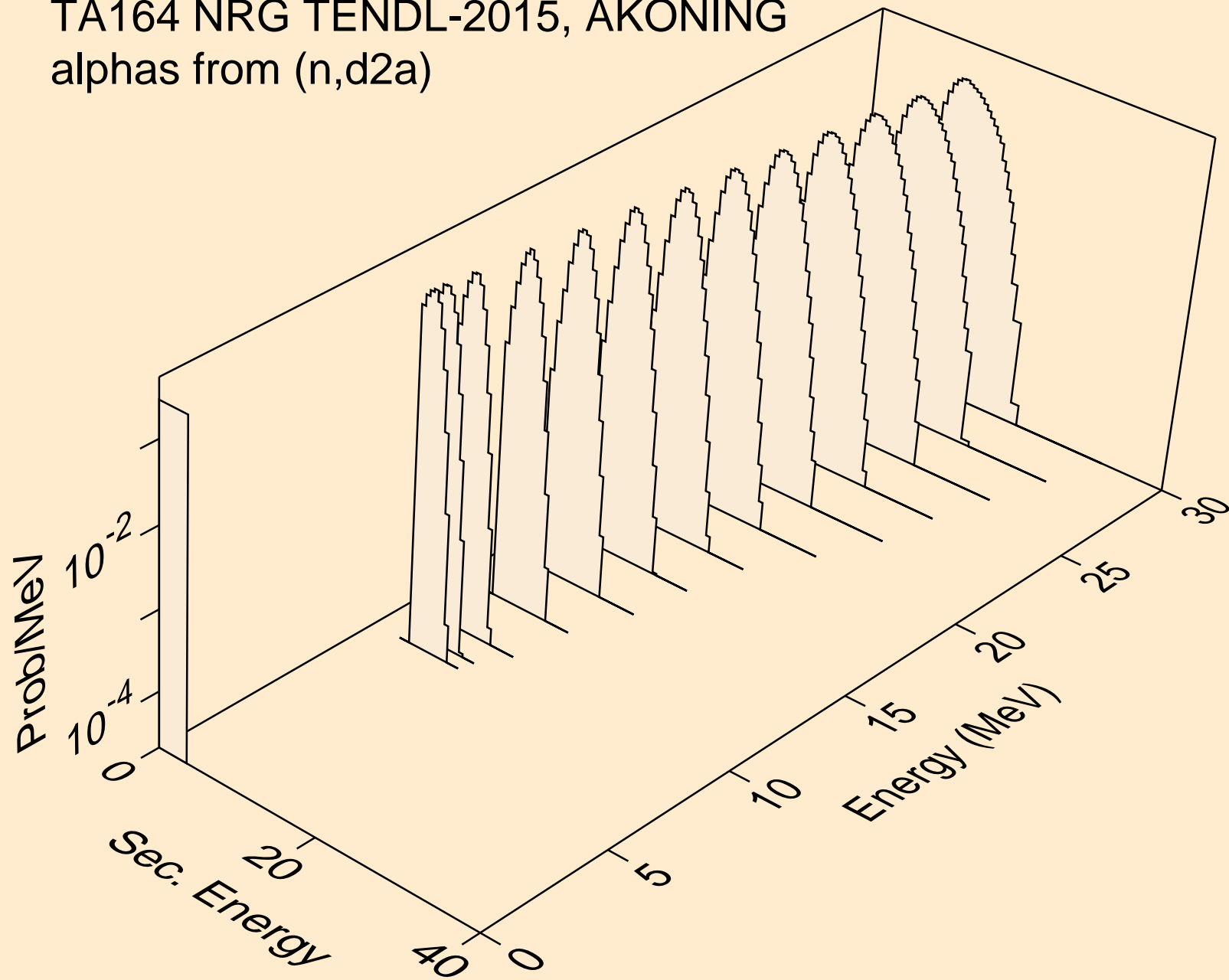
TA164 NRG TENDL-2015, AKONING  
alphas from (n,pa)



TA164 NRG TENDL-2015, AKONING  
alphas from (n,t2a)



TA164 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



TA164 NRG TENDL-2015, AKONING  
alphas from (n,da)

