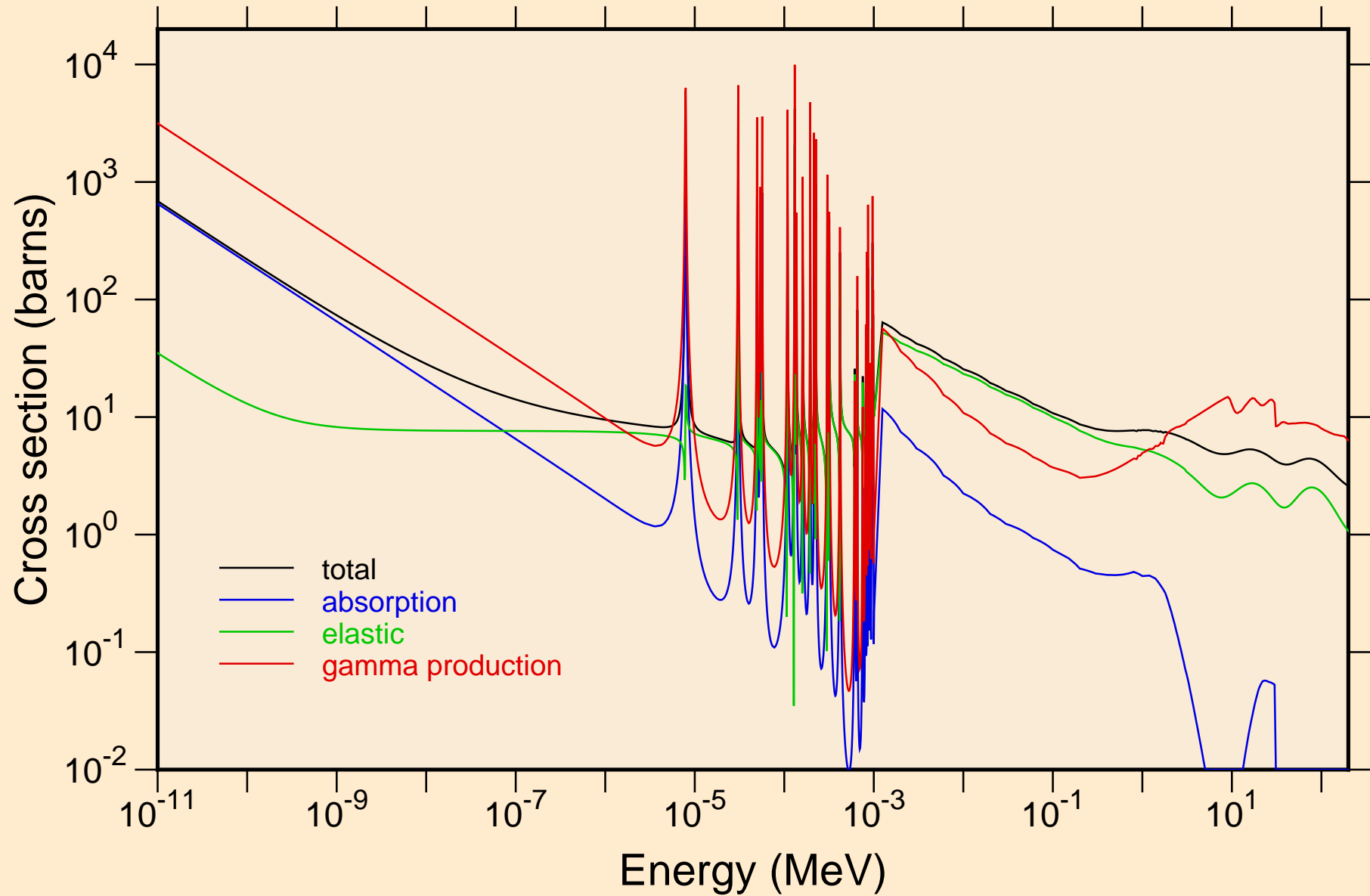
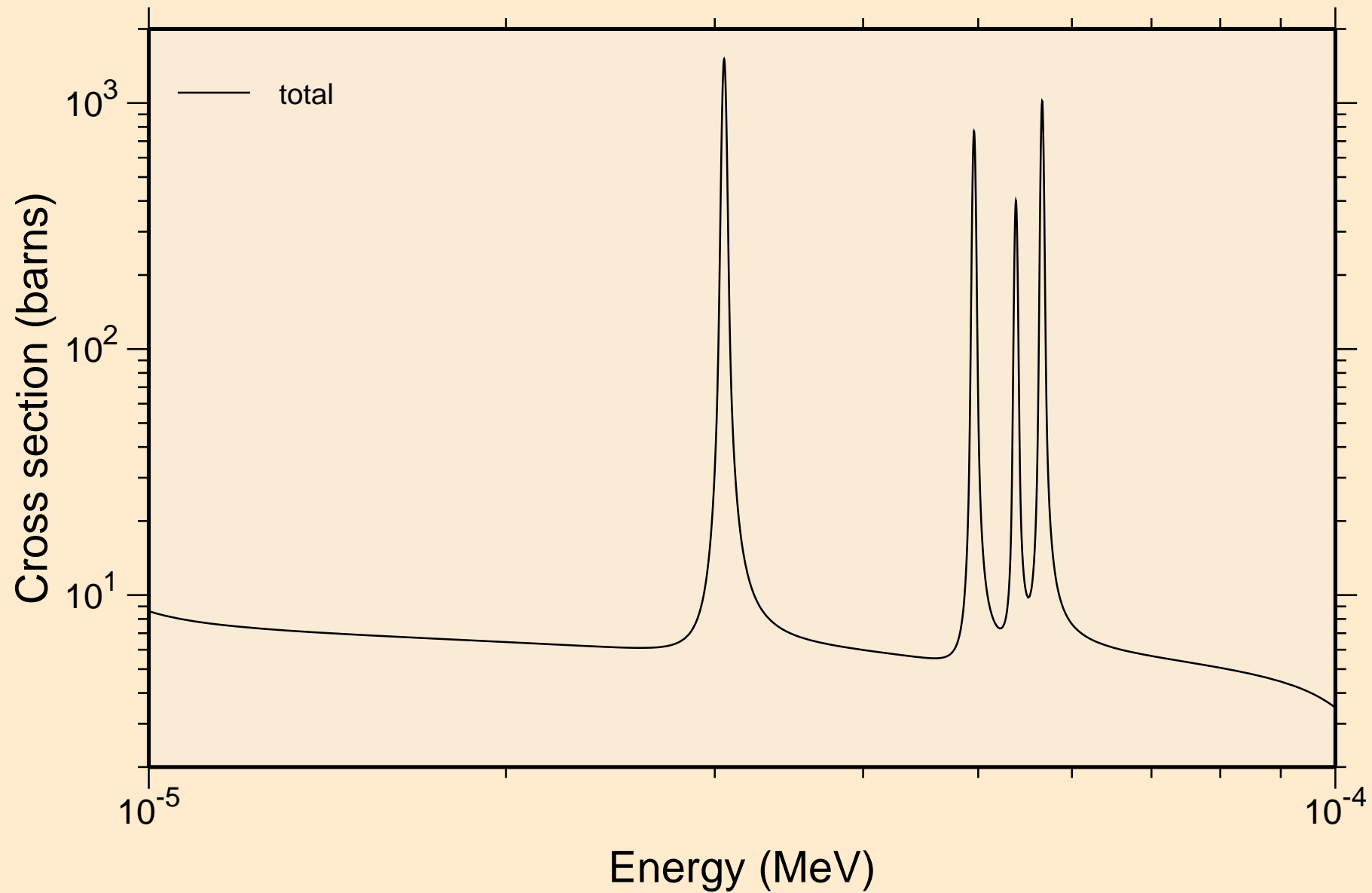


# ER164 NRG TENDL-2015, AKONING

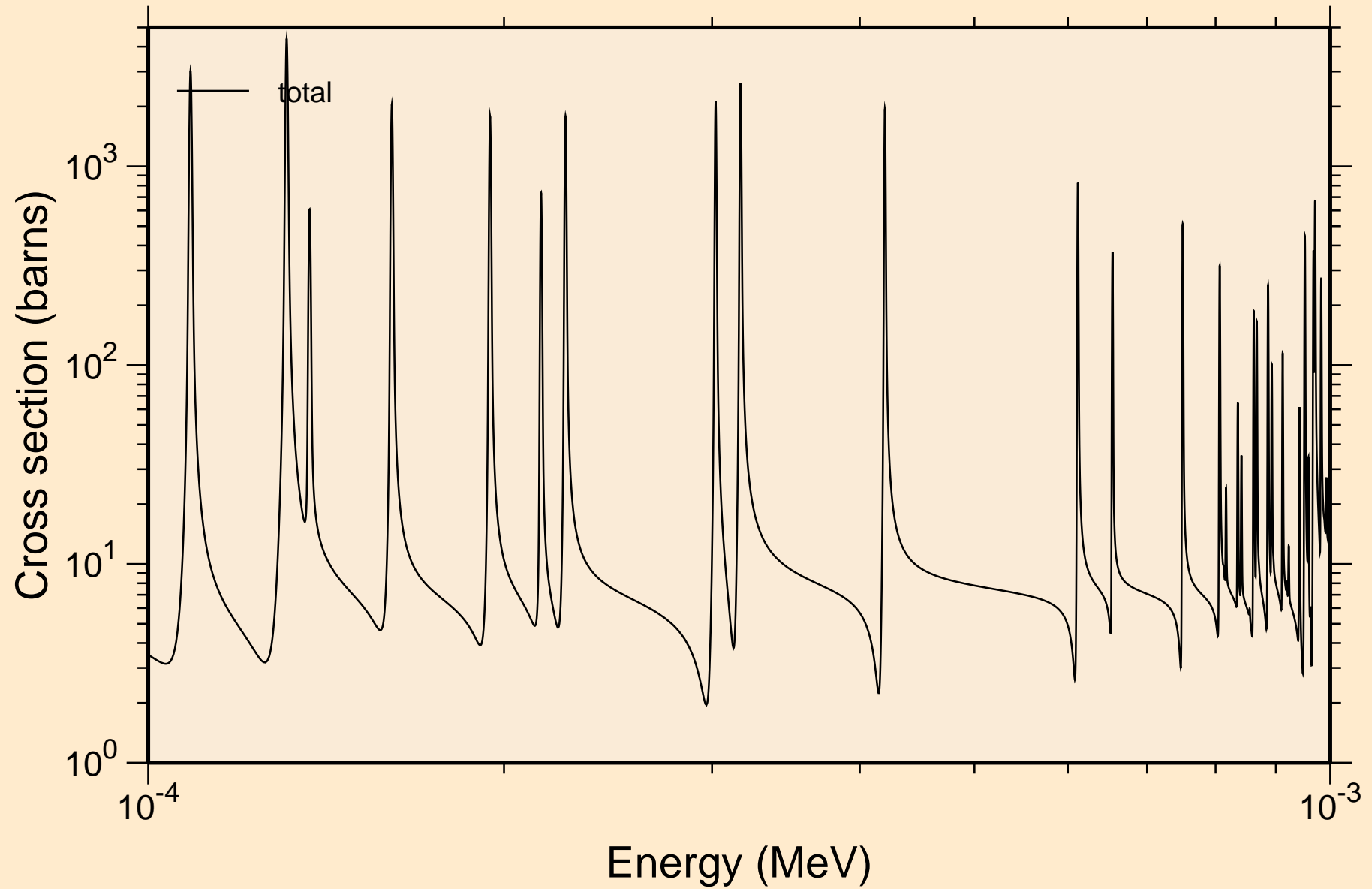
## Principal cross sections



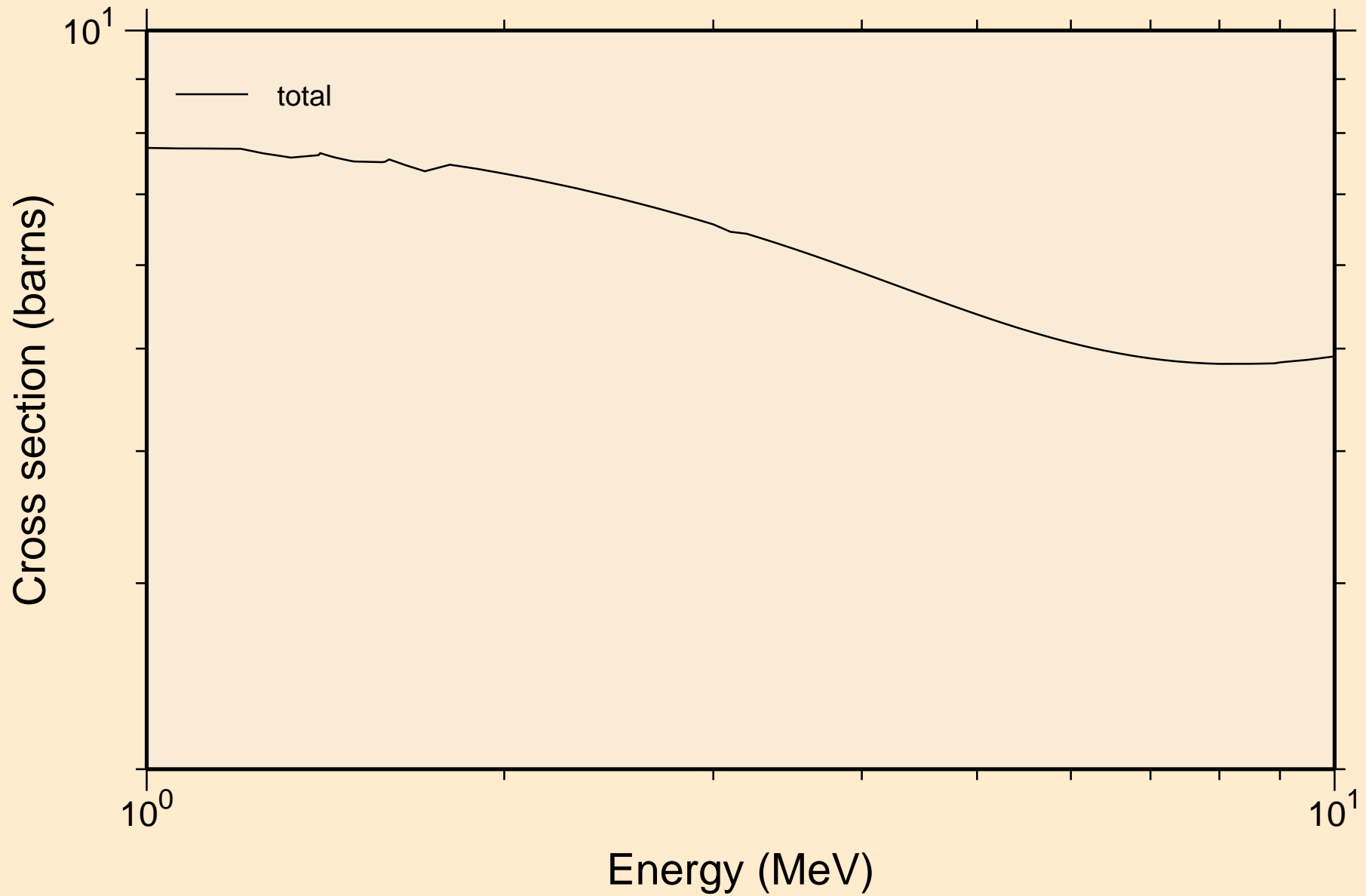
ER164 NRG TENDL-2015, AKONING  
resonance total cross section



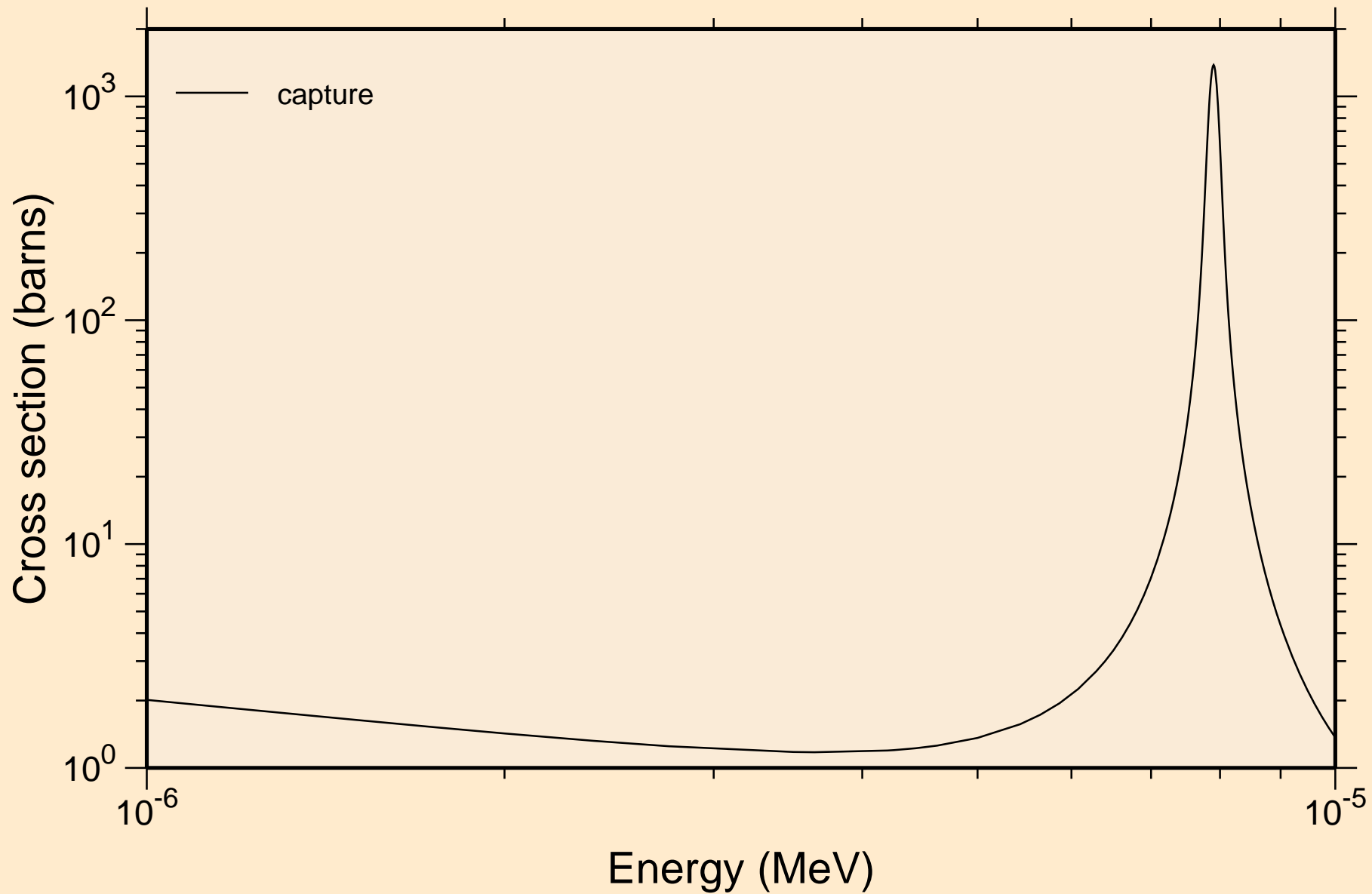
ER164 NRG TENDL-2015, AKONING  
resonance total cross section



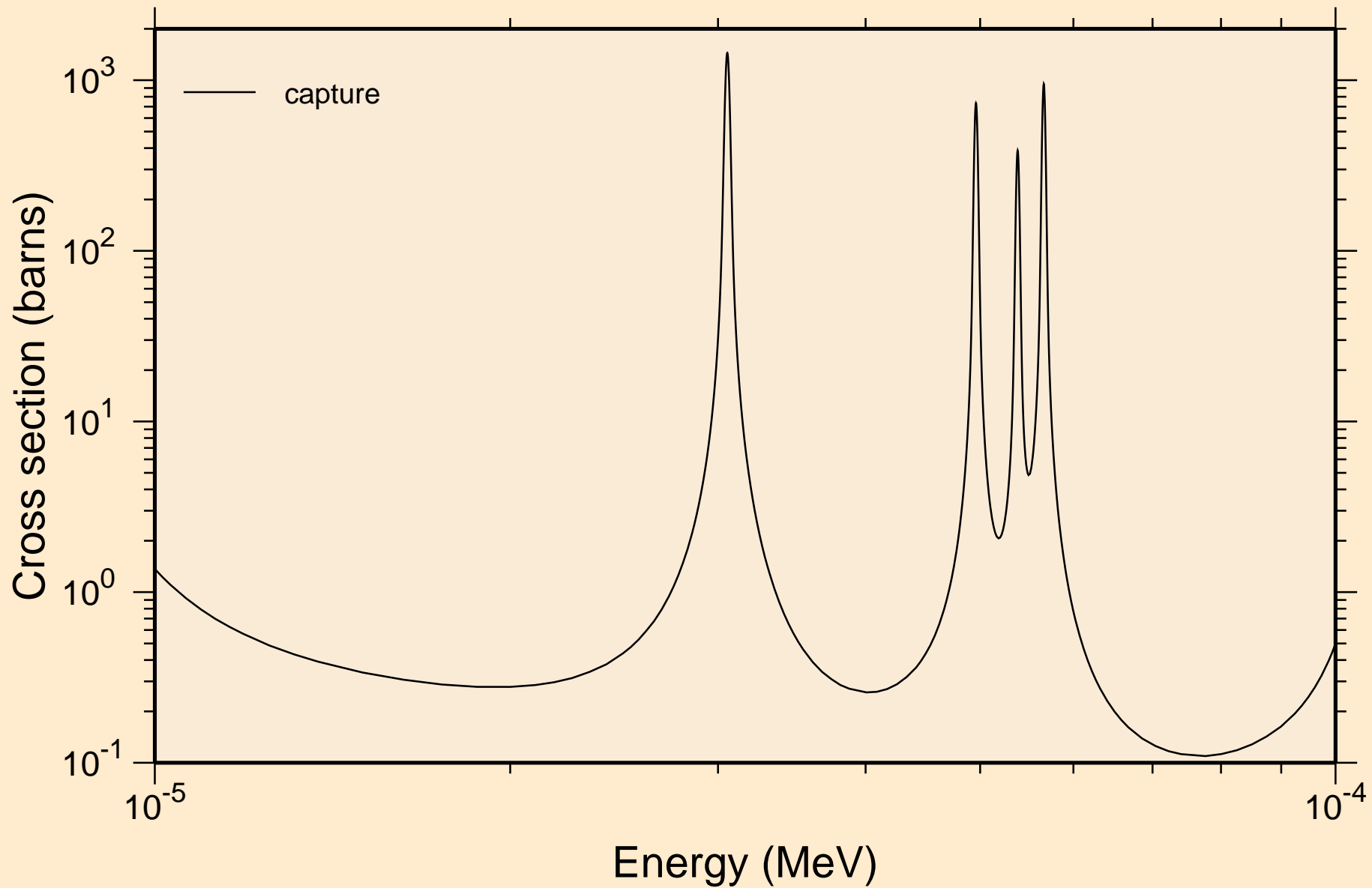
ER164 NRG TENDL-2015, AKONING  
resonance total cross section



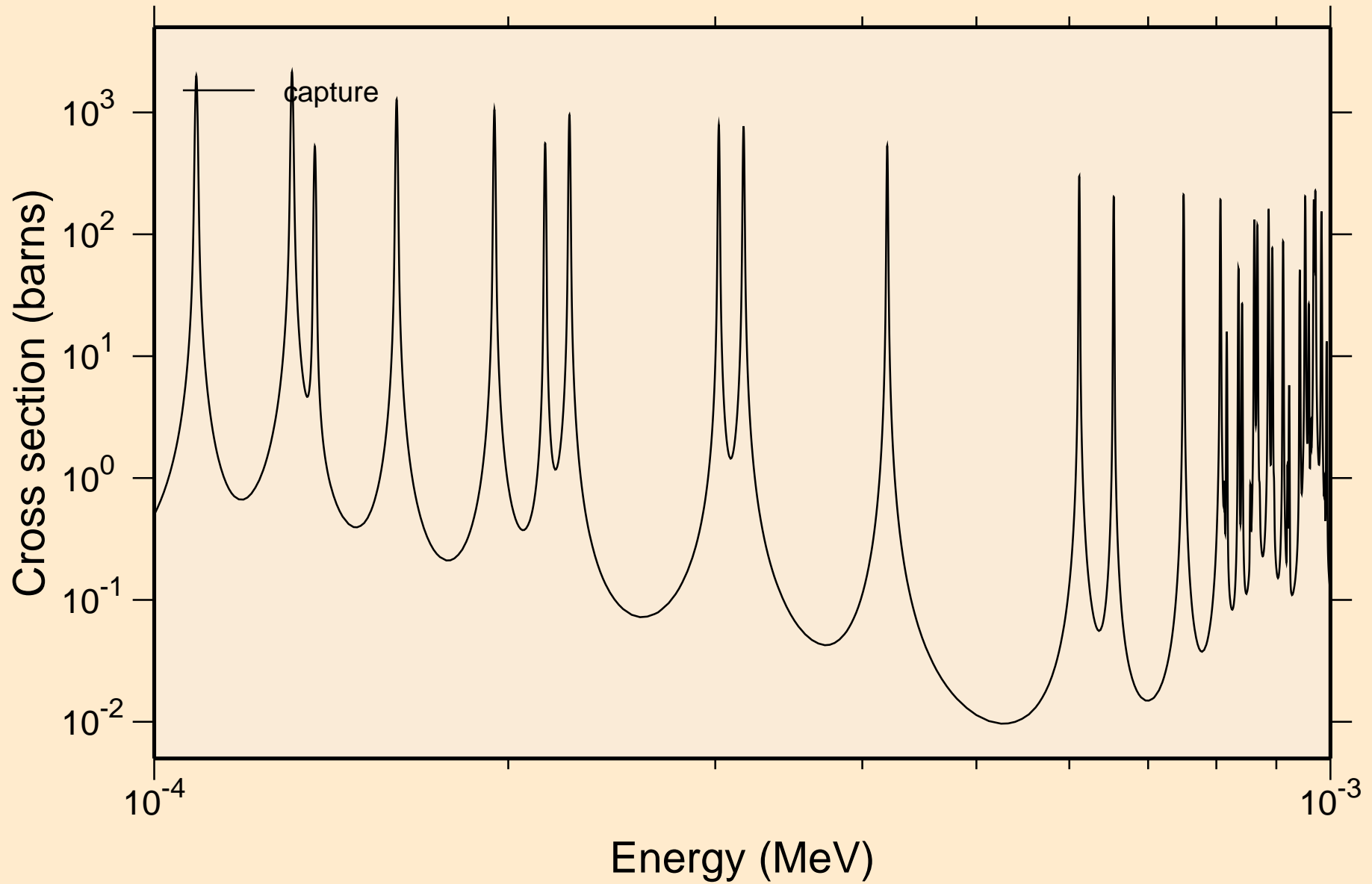
ER164 NRG TENDL-2015, AKONING  
resonance absorption cross sections



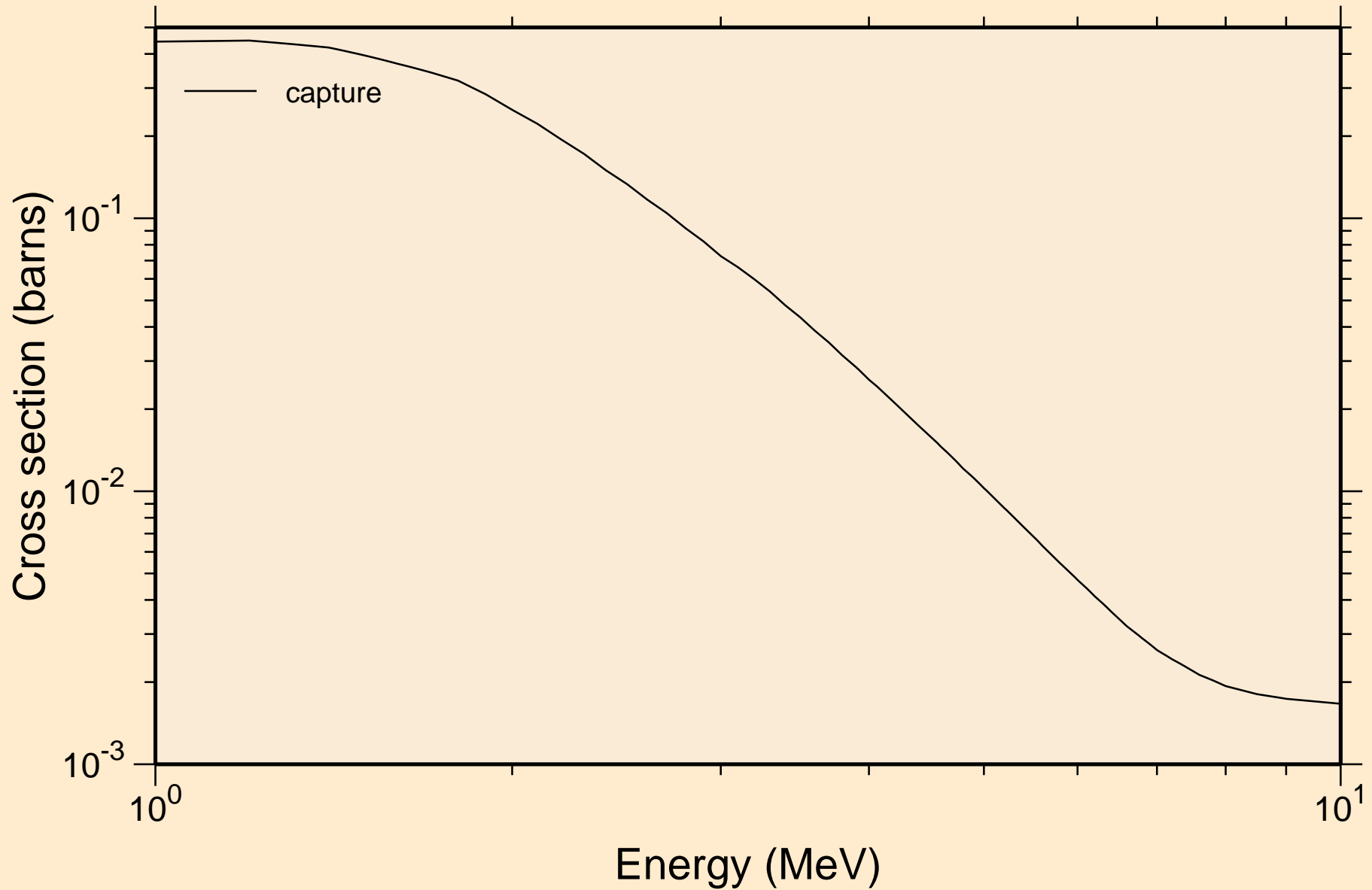
ER164 NRG TENDL-2015, AKONING  
resonance absorption cross sections



ER164 NRG TENDL-2015, AKONING  
resonance absorption cross sections



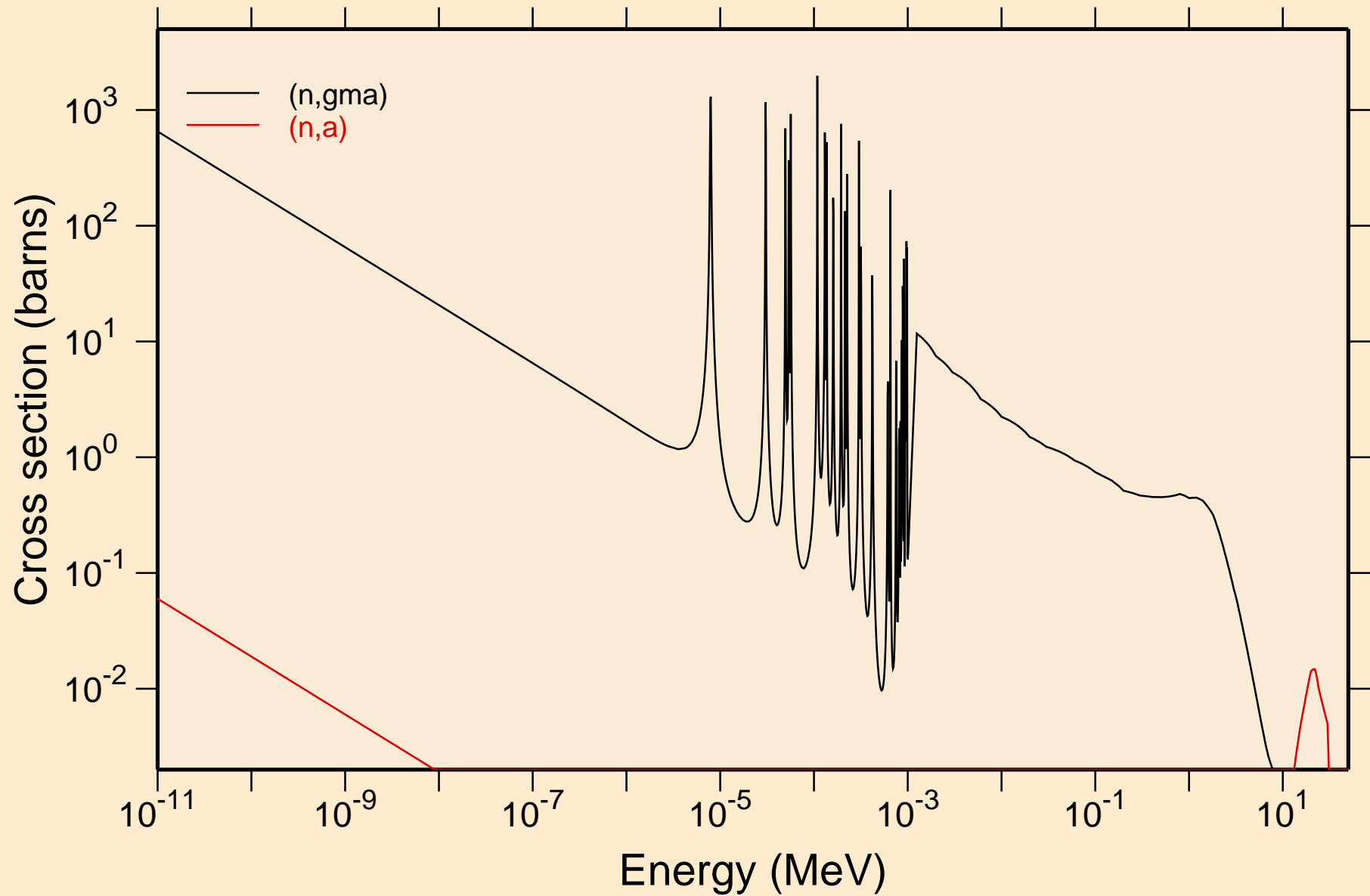
ER164 NRG TENDL-2015, AKONING  
resonance absorption cross sections





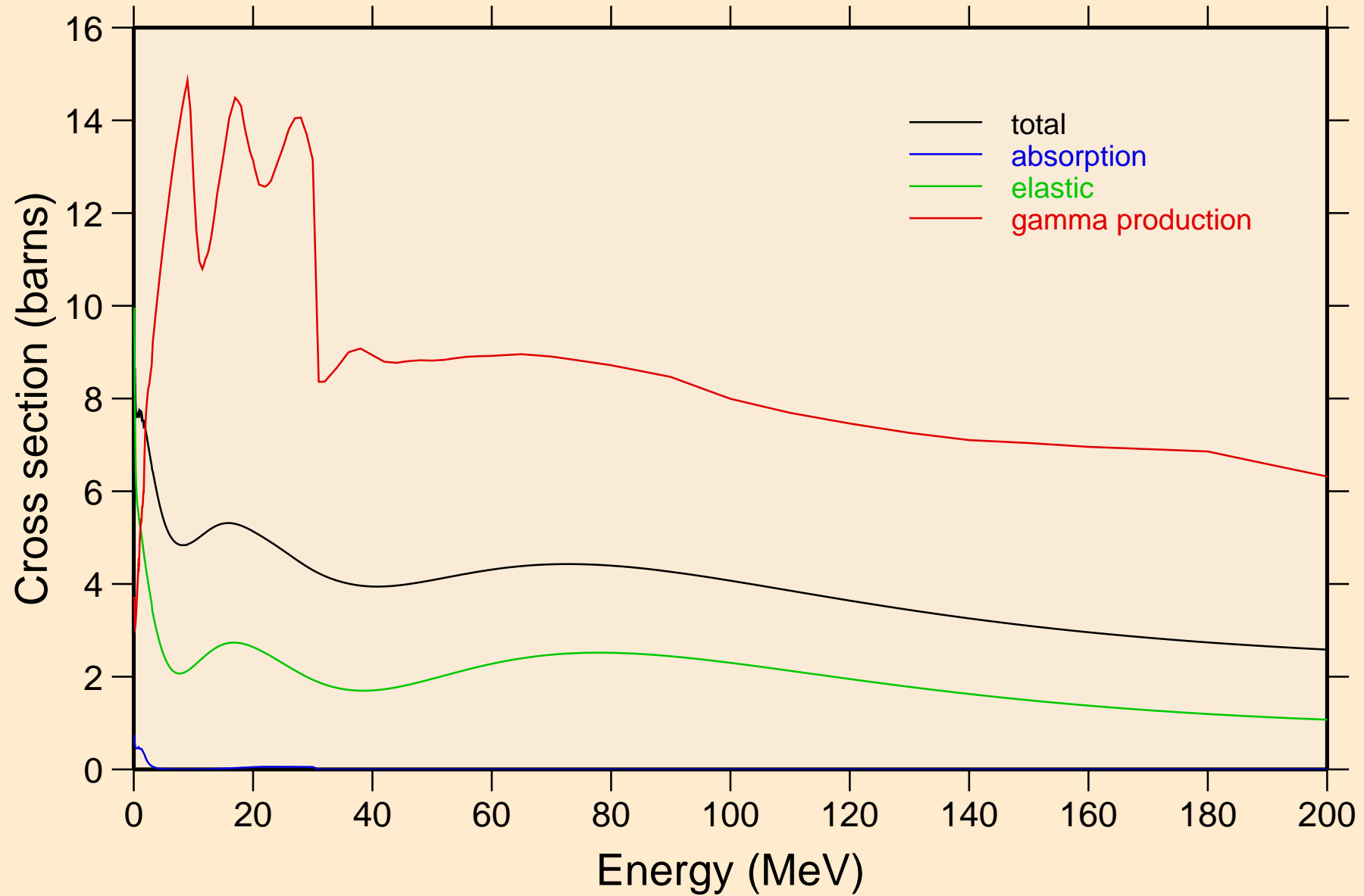
# ER164 NRG TENDL-2015, AKONING

## Non-threshold reactions



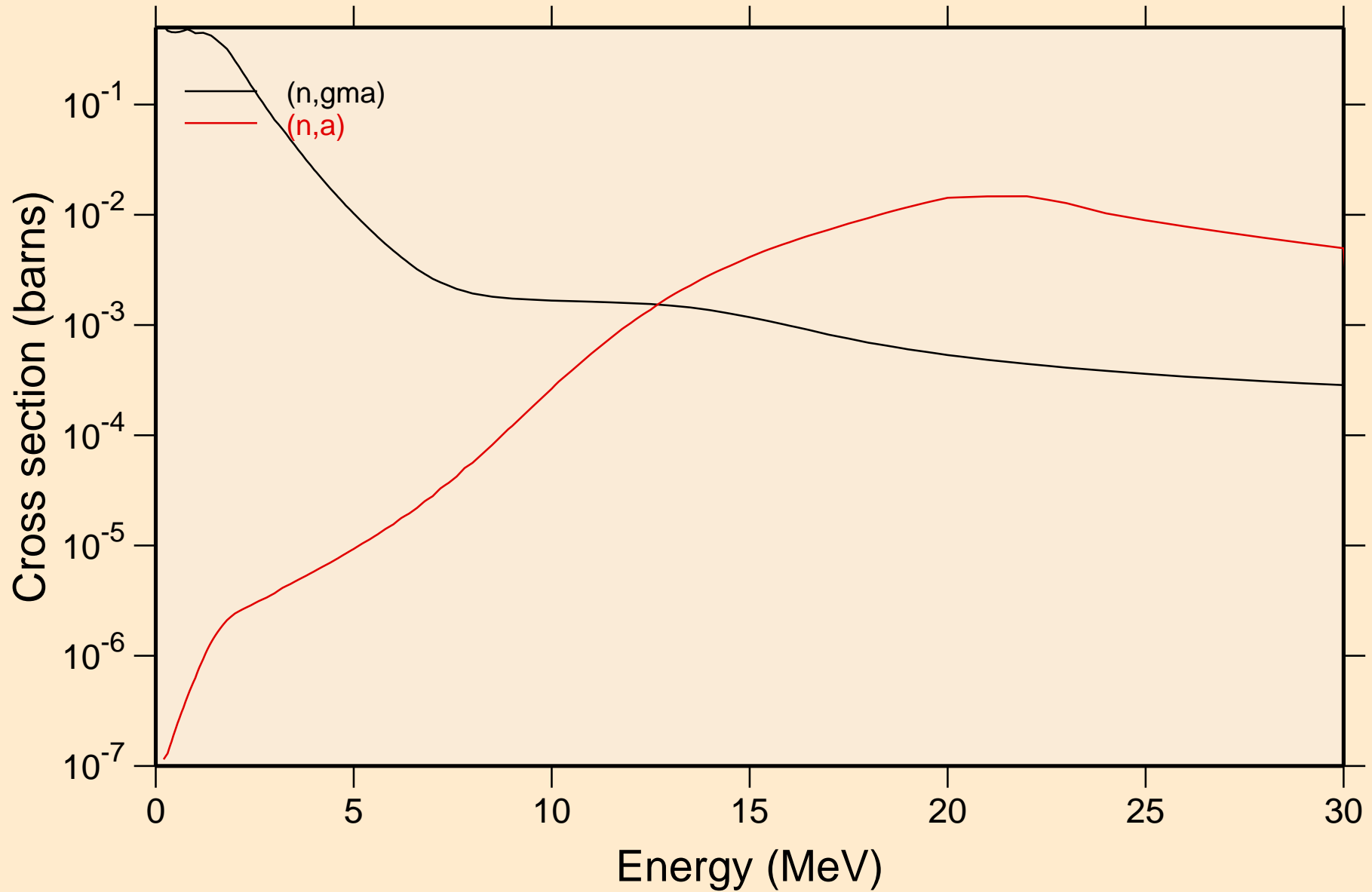
# ER164 NRG TENDL-2015, AKONING

## Principal cross sections



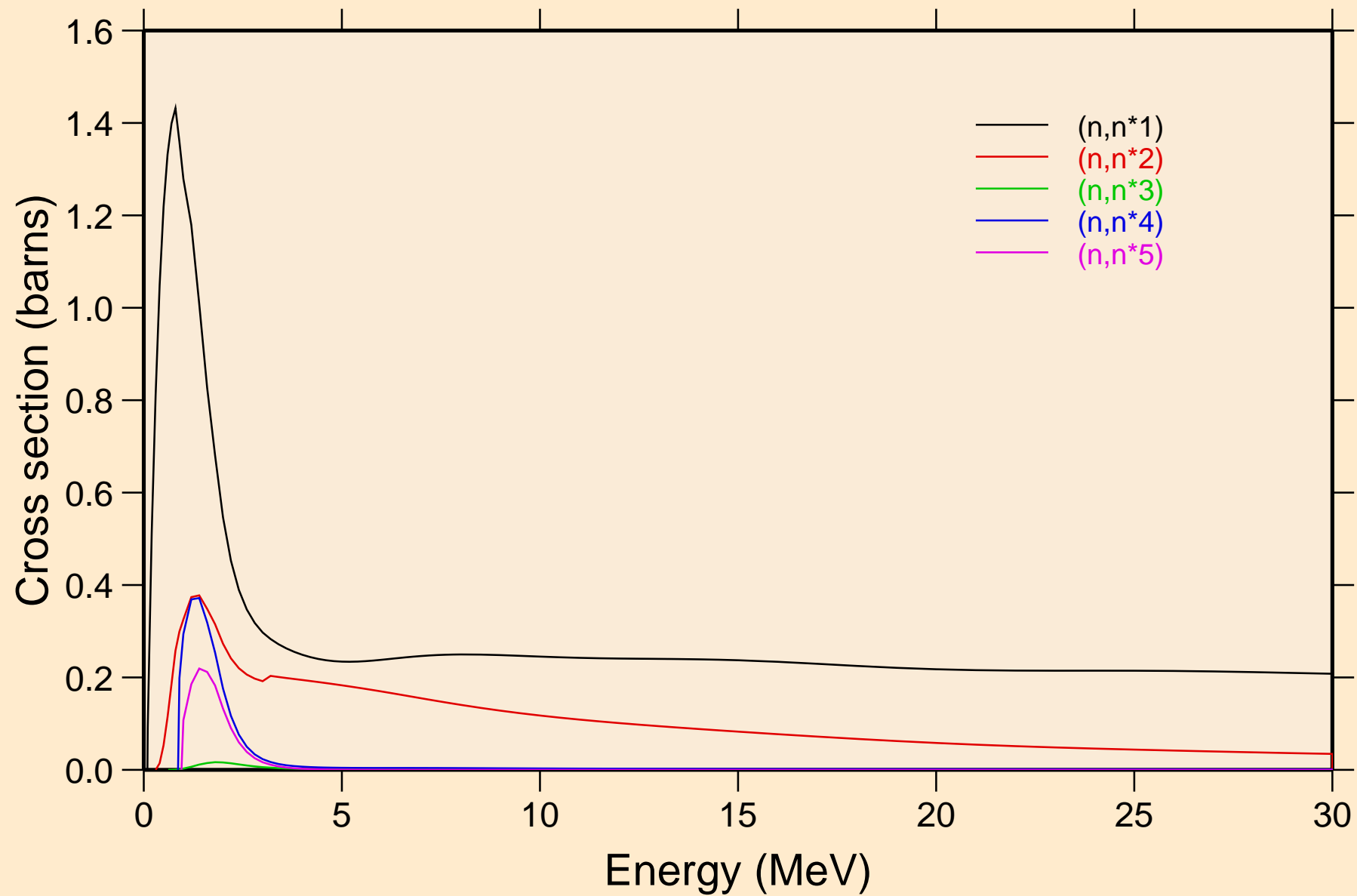
# ER164 NRG TENDL-2015, AKONING

## Non-threshold reactions



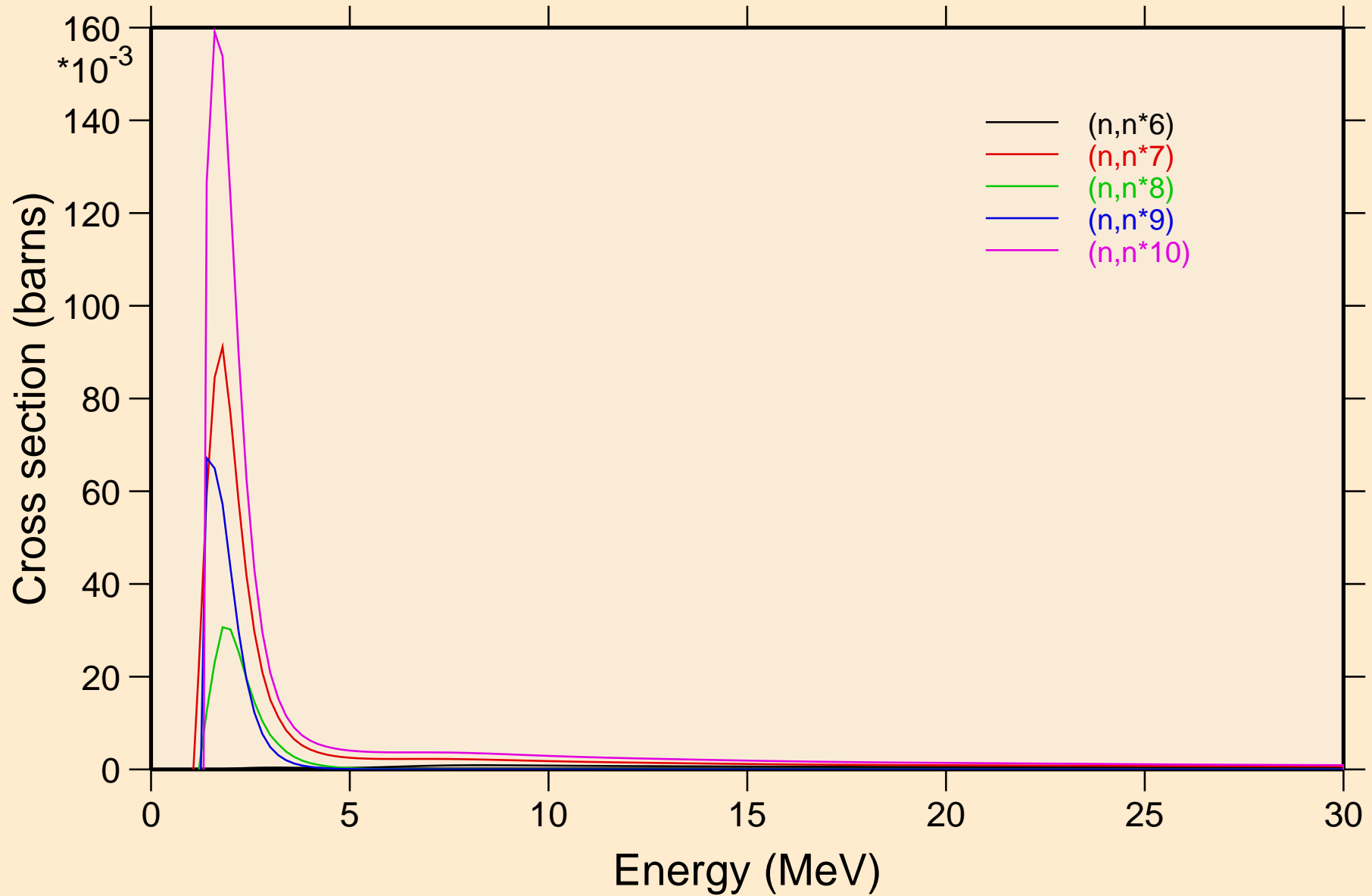
# ER164 NRG TENDL-2015, AKONING

## Inelastic levels



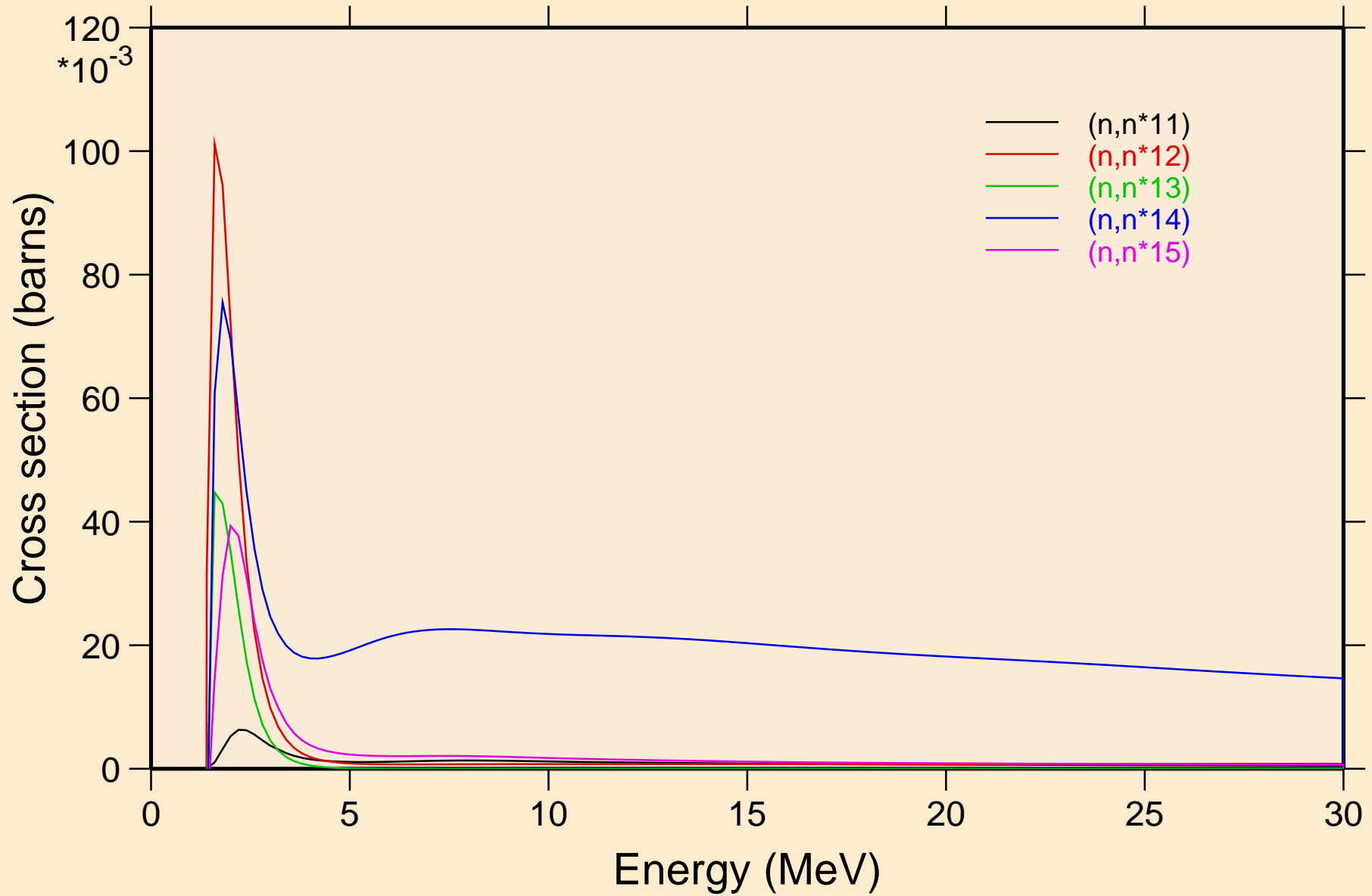
# ER164 NRG TENDL-2015, AKONING

## Inelastic levels



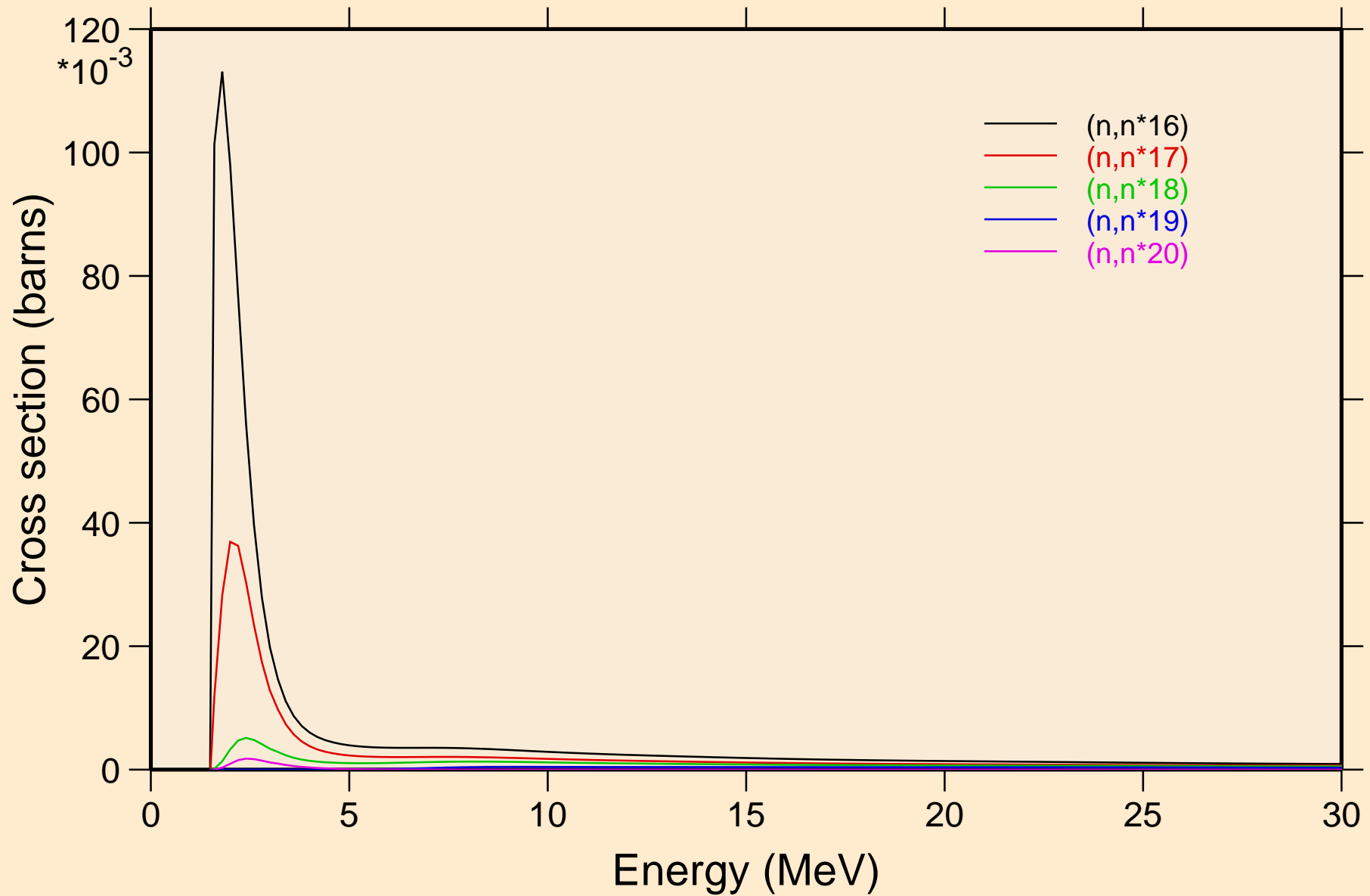
# ER164 NRG TENDL-2015, AKONING

## Inelastic levels



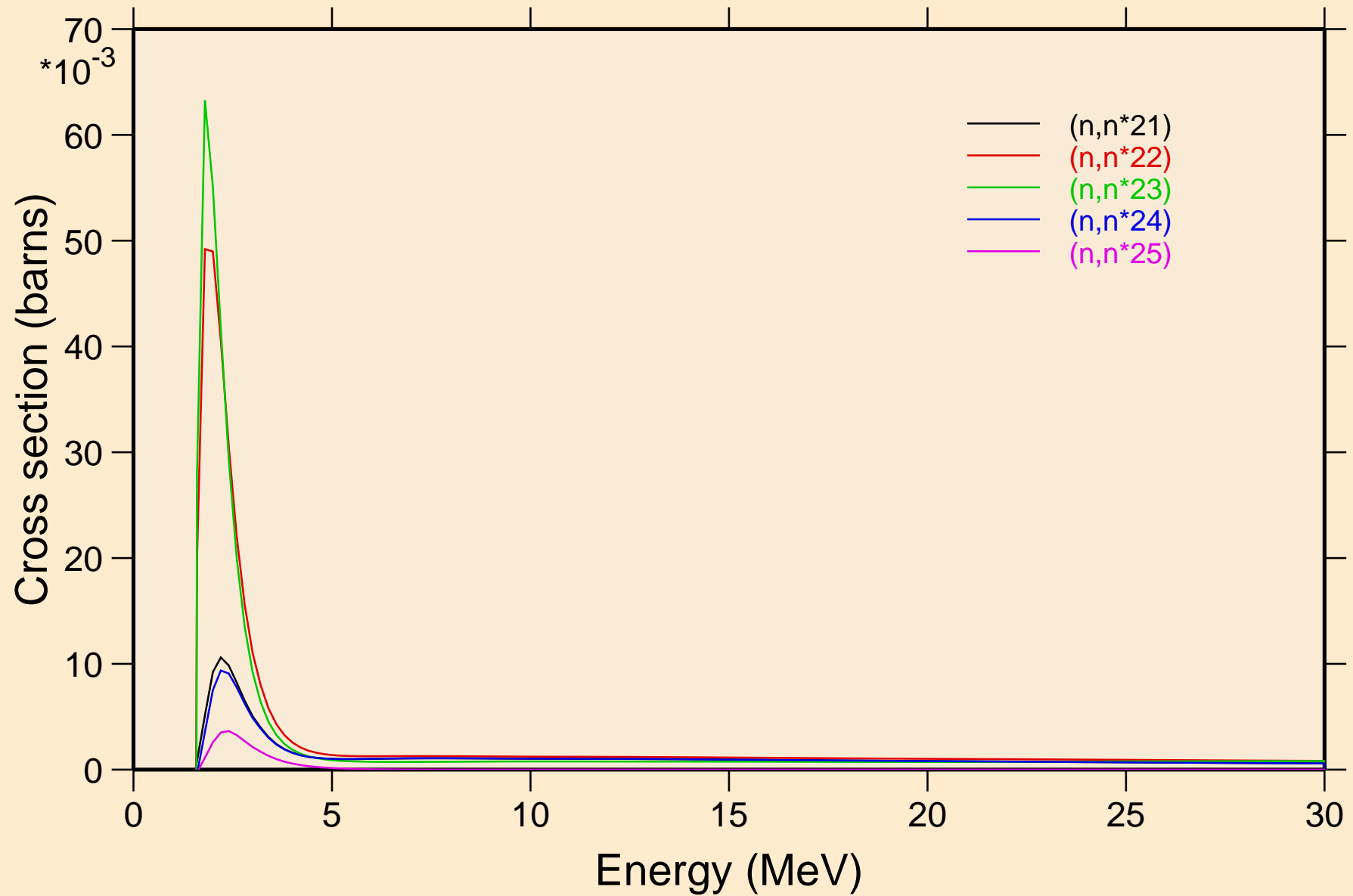
# ER164 NRG TENDL-2015, AKONING

## Inelastic levels



# ER164 NRG TENDL-2015, AKONING

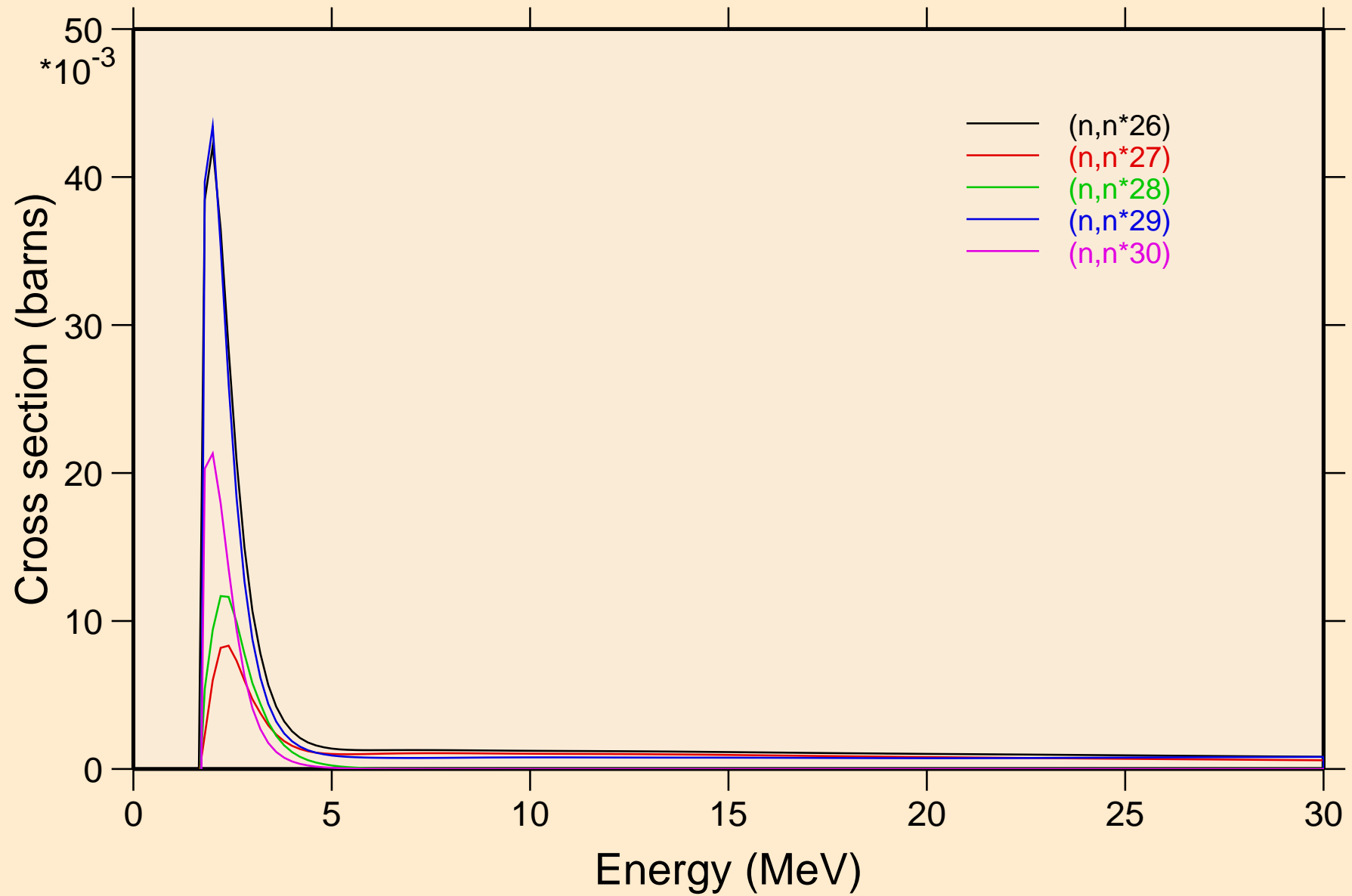
## Inelastic levels





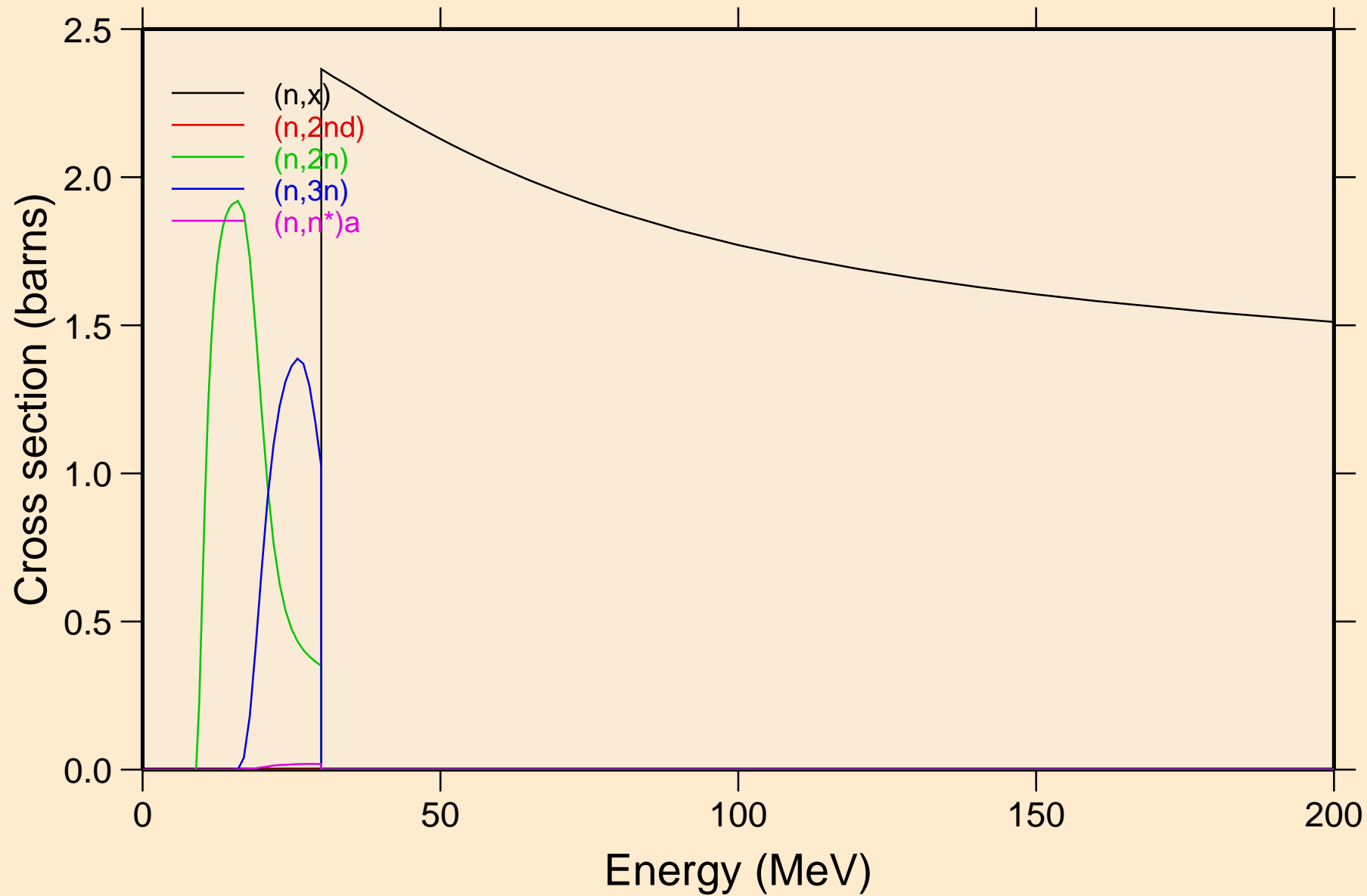
# ER164 NRG TENDL-2015, AKONING

## Inelastic levels



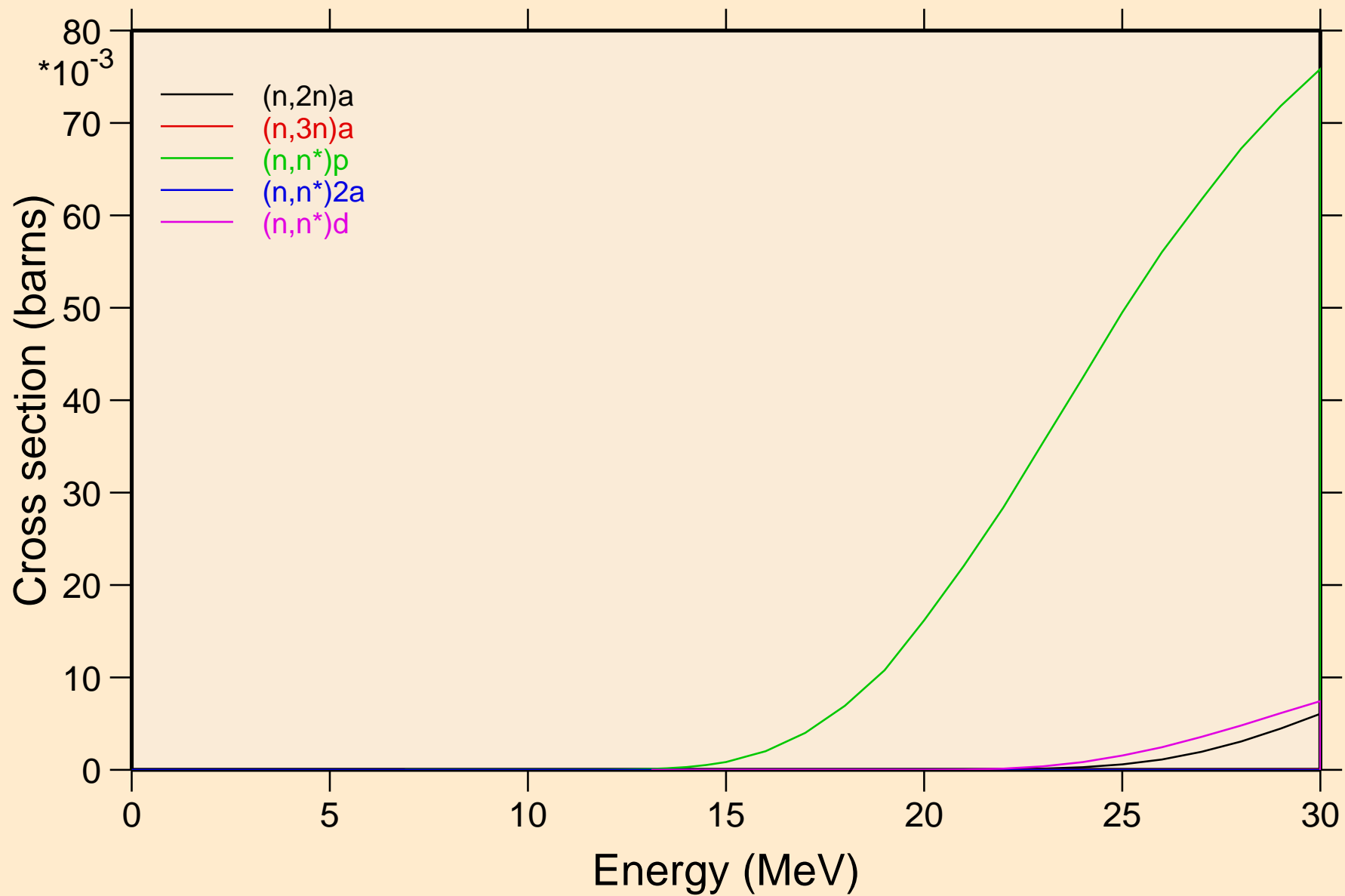
# ER164 NRG TENDL-2015, AKONING

## Threshold reactions



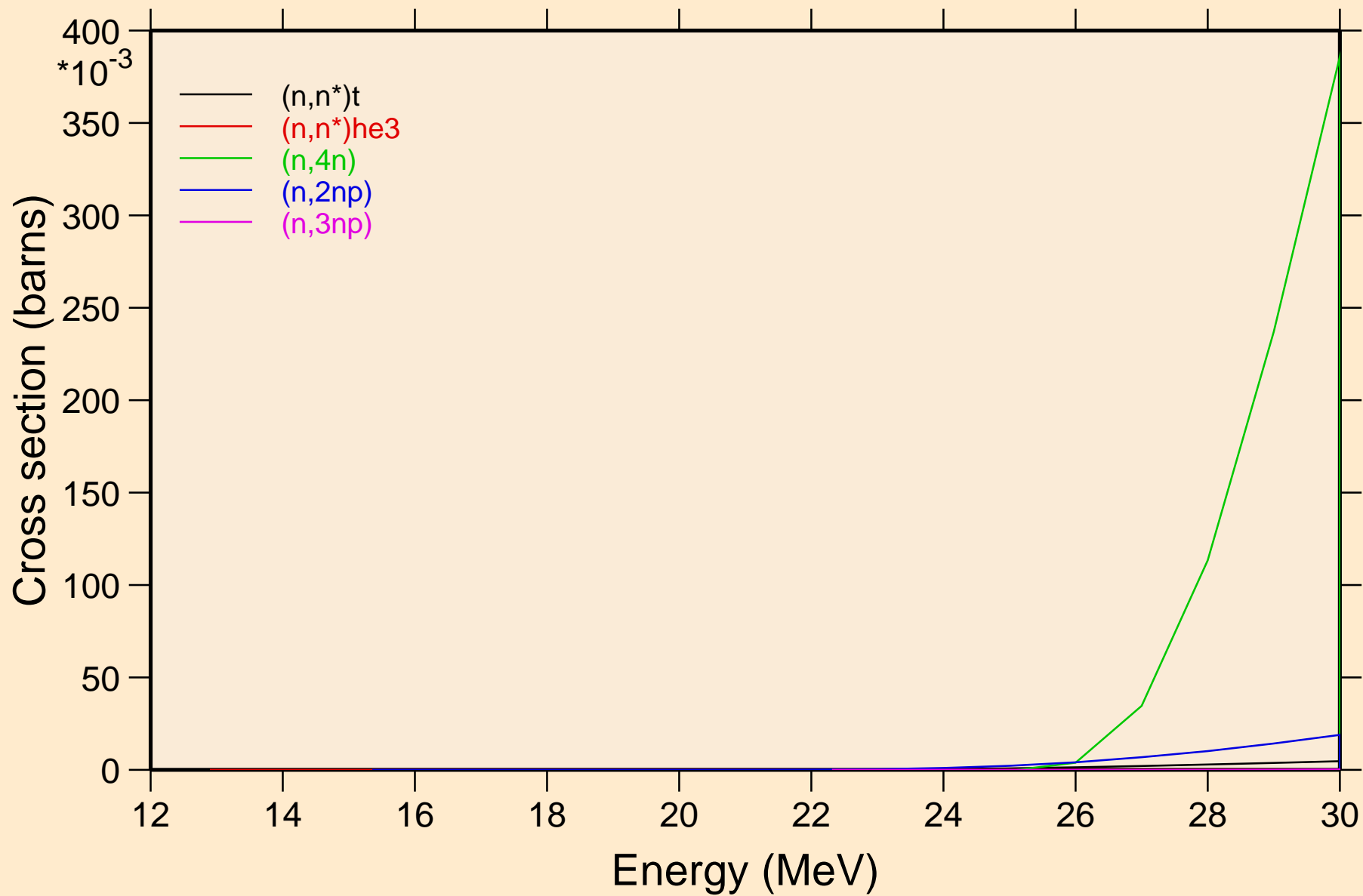
# ER164 NRG TENDL-2015, AKONING

## Threshold reactions



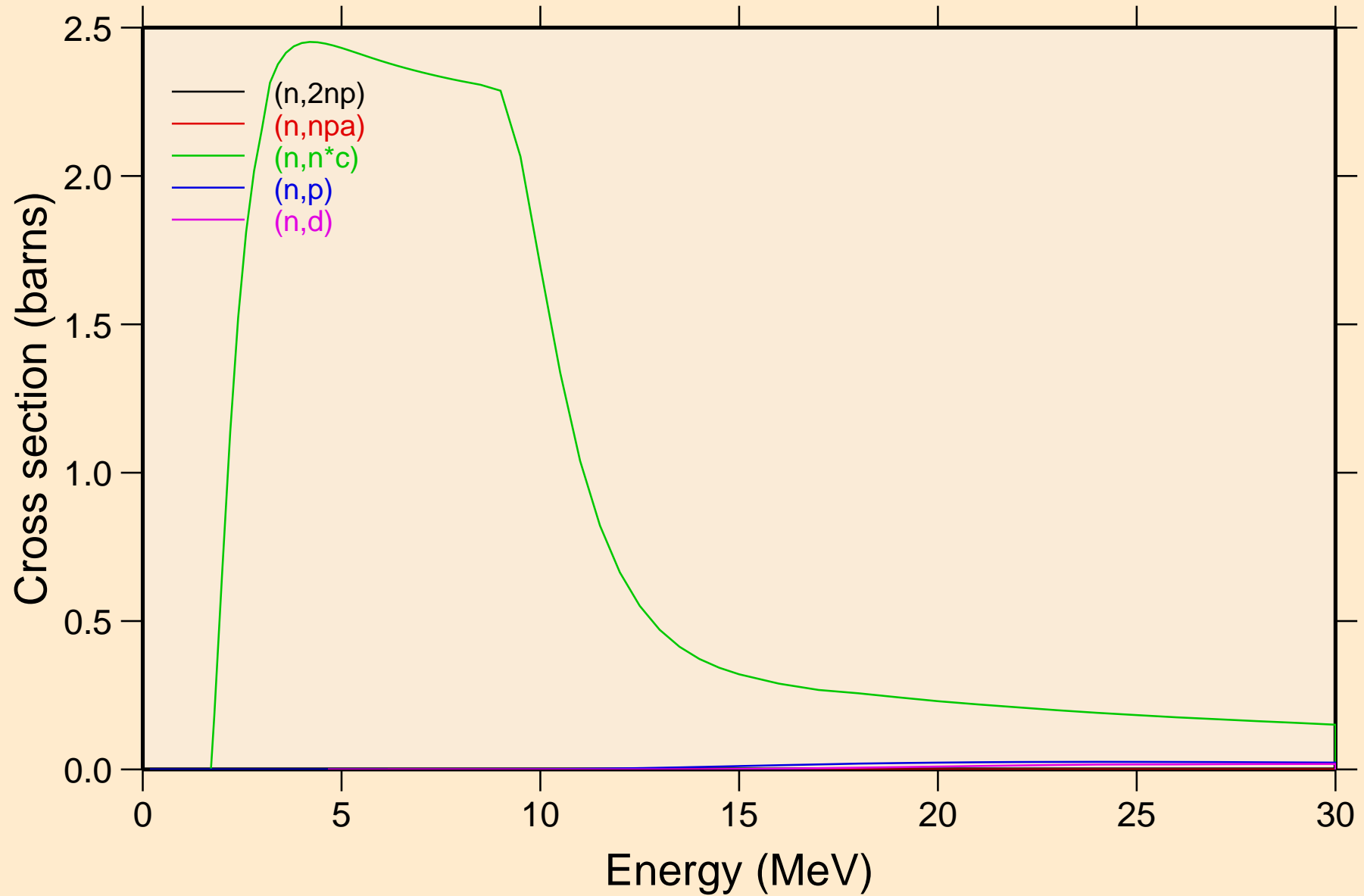
# ER164 NRG TENDL-2015, AKONING

## Threshold reactions



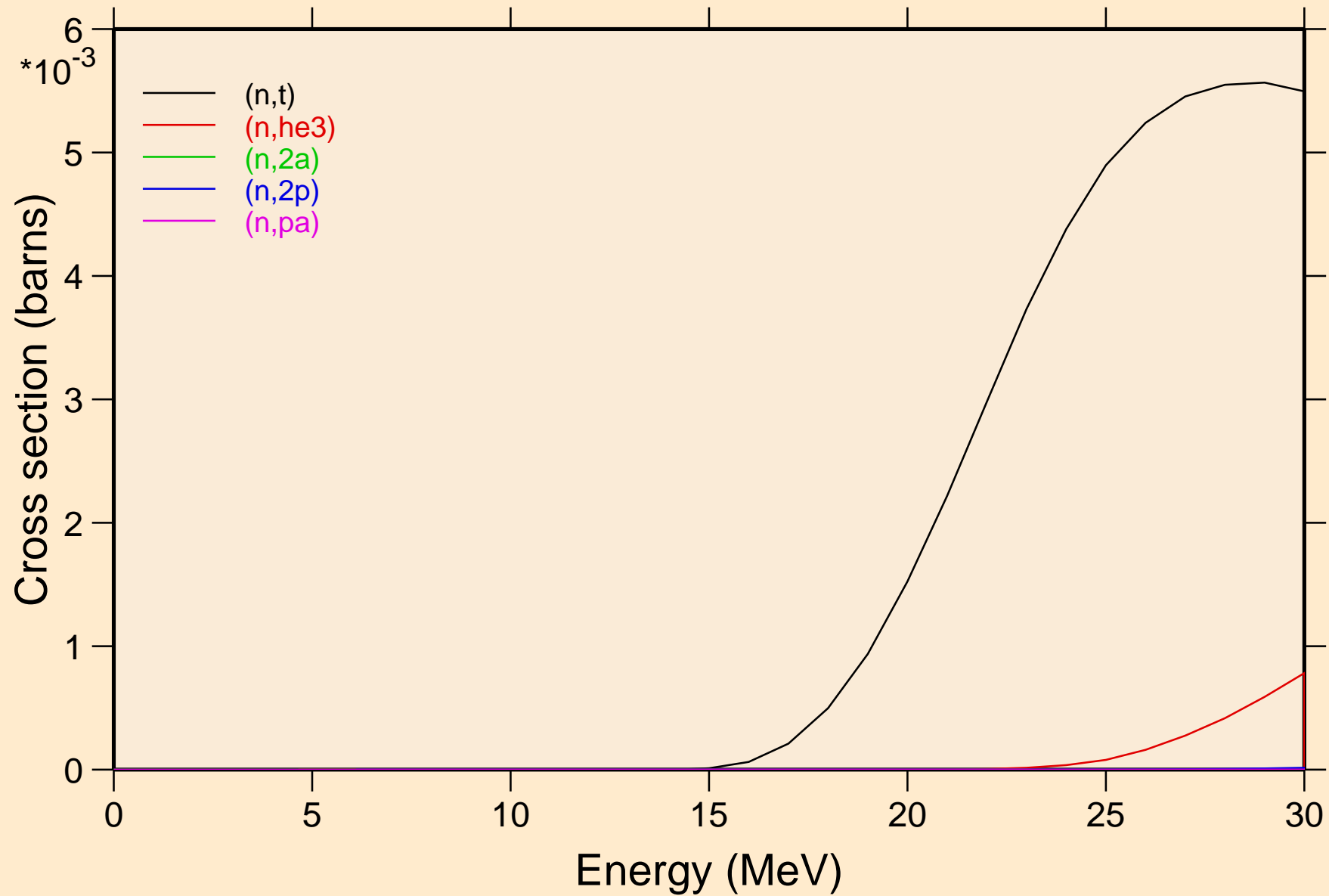
# ER164 NRG TENDL-2015, AKONING

## Threshold reactions



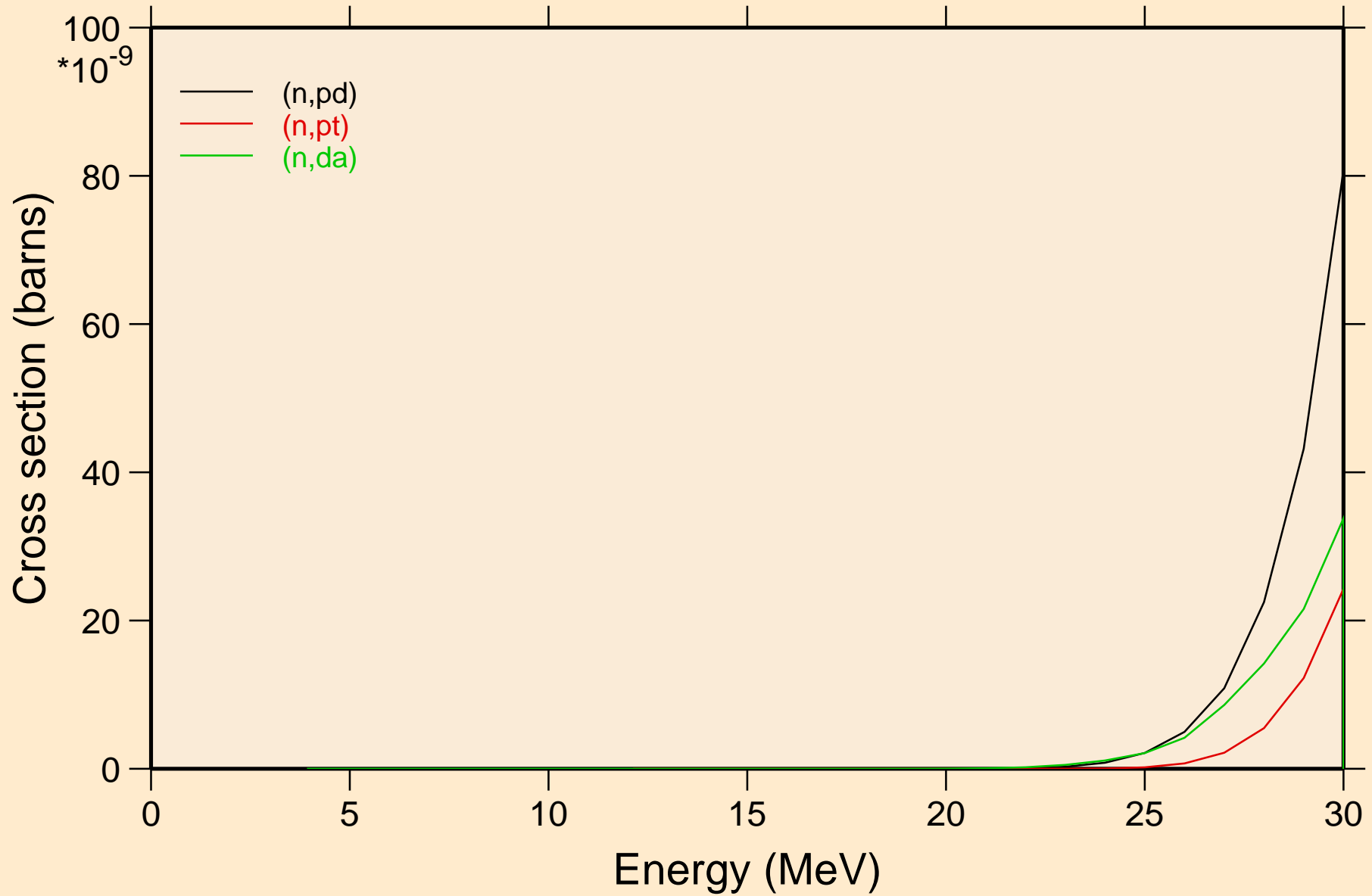
# ER164 NRG TENDL-2015, AKONING

## Threshold reactions

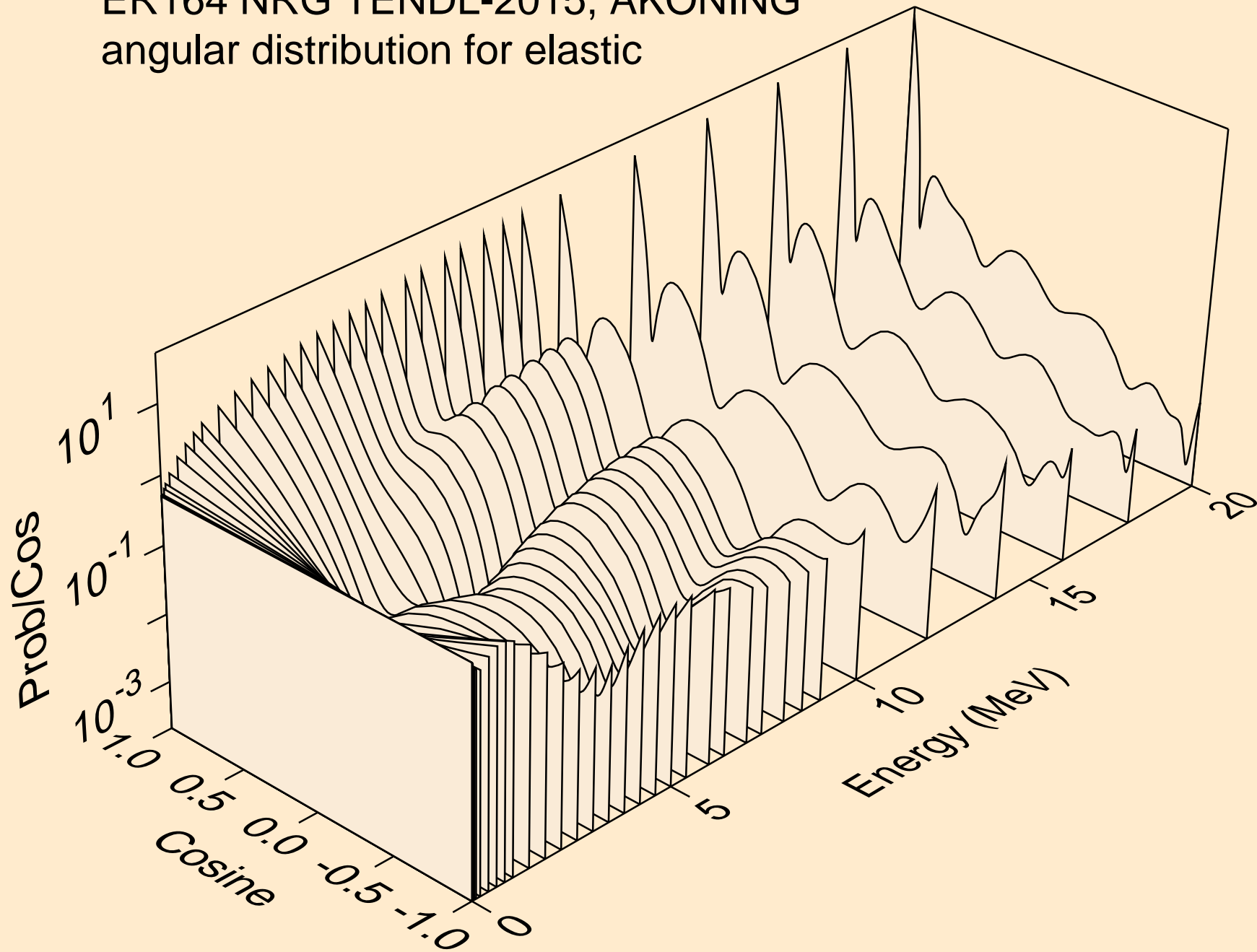


# ER164 NRG TENDL-2015, AKONING

## Threshold reactions

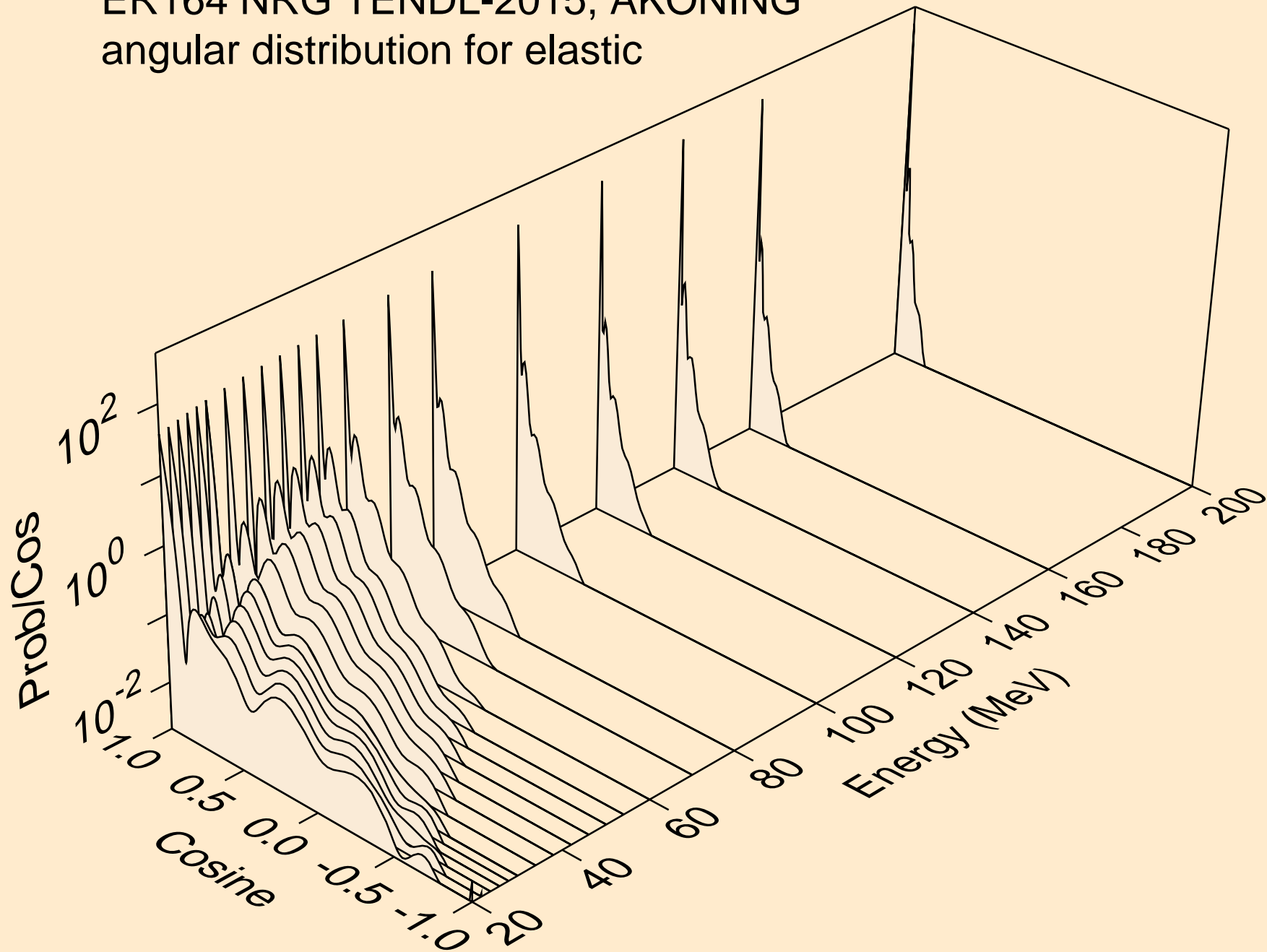


ER164 NRG TENDL-2015, AKONING  
angular distribution for elastic

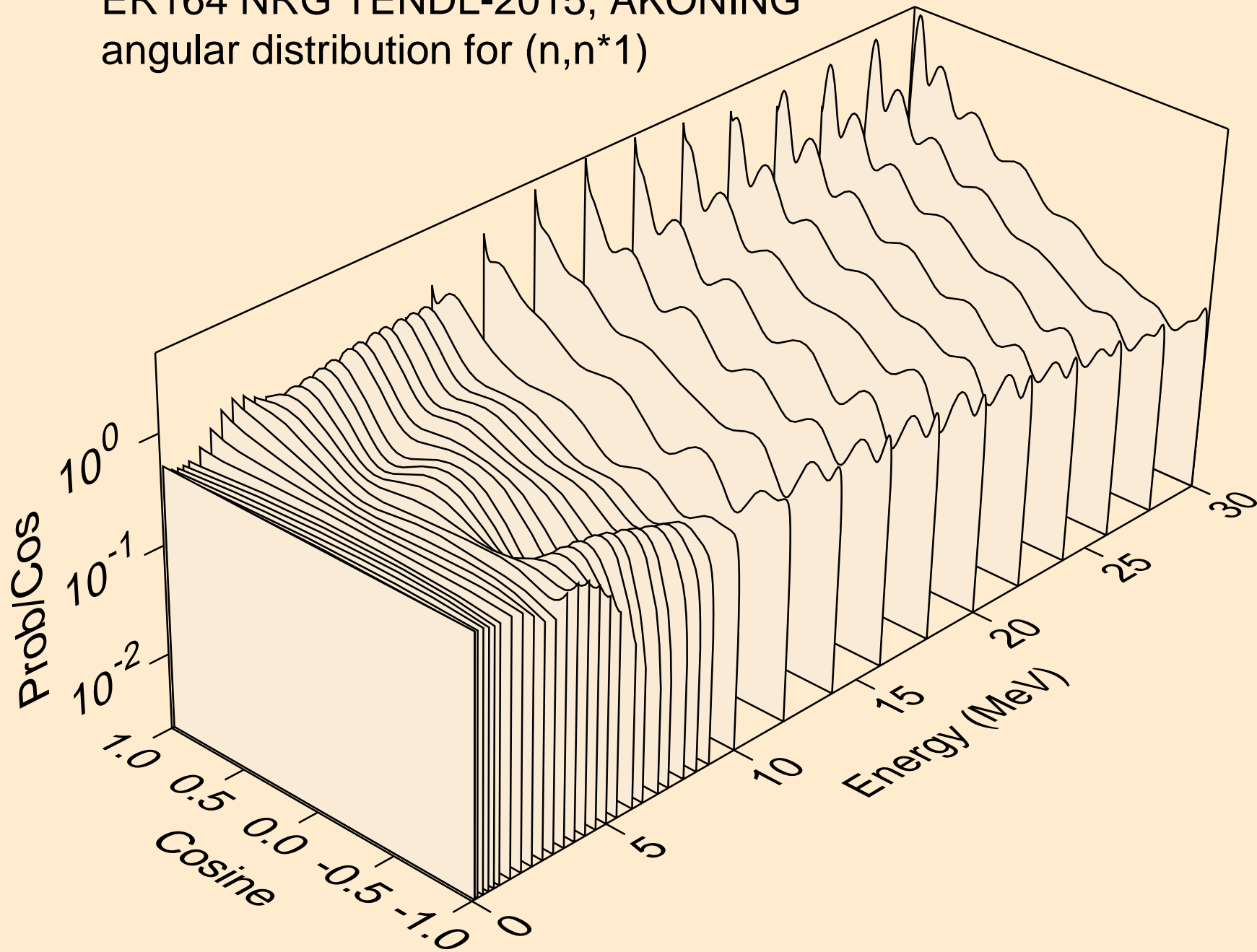




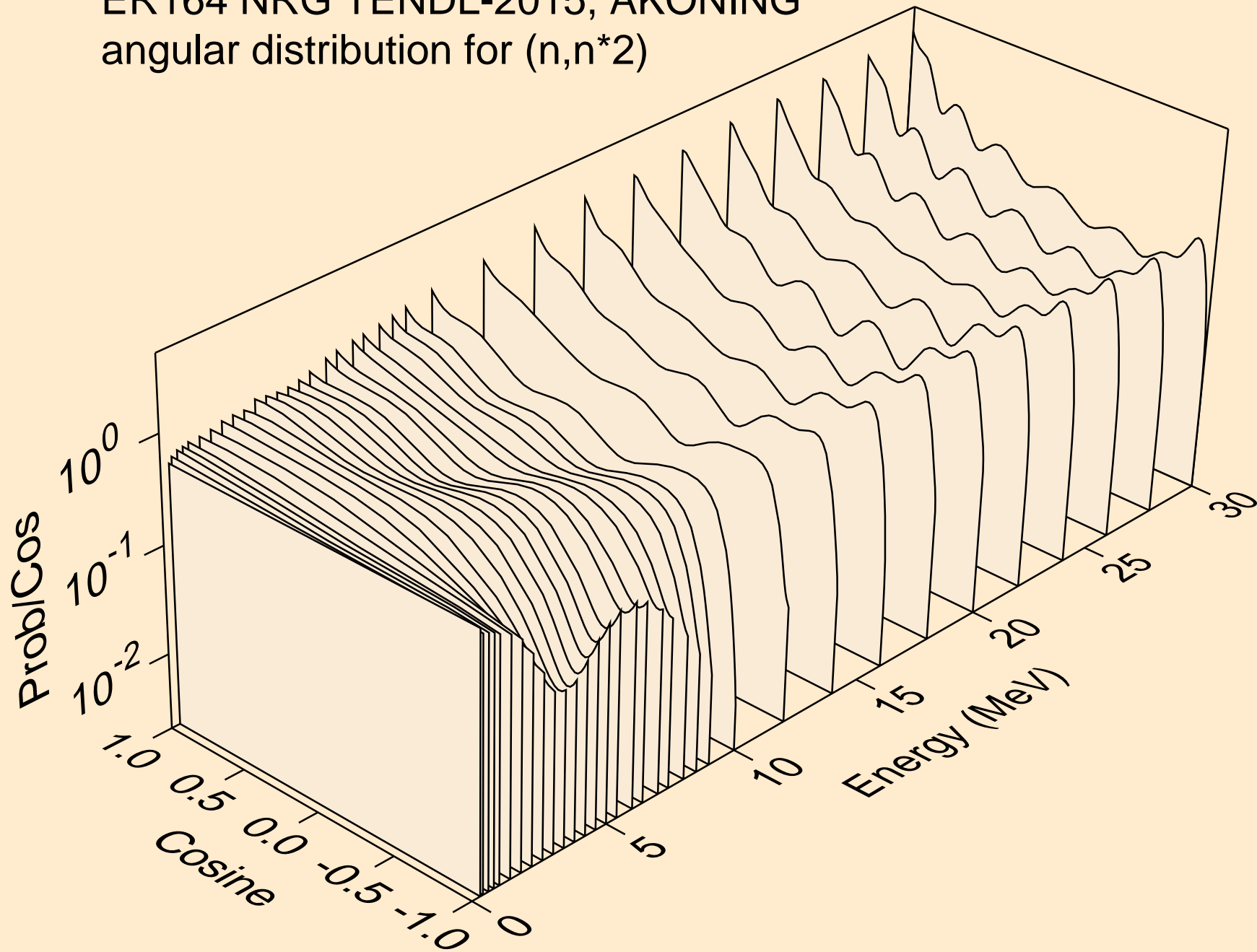
ER164 NRG TENDL-2015, AKONING  
angular distribution for elastic



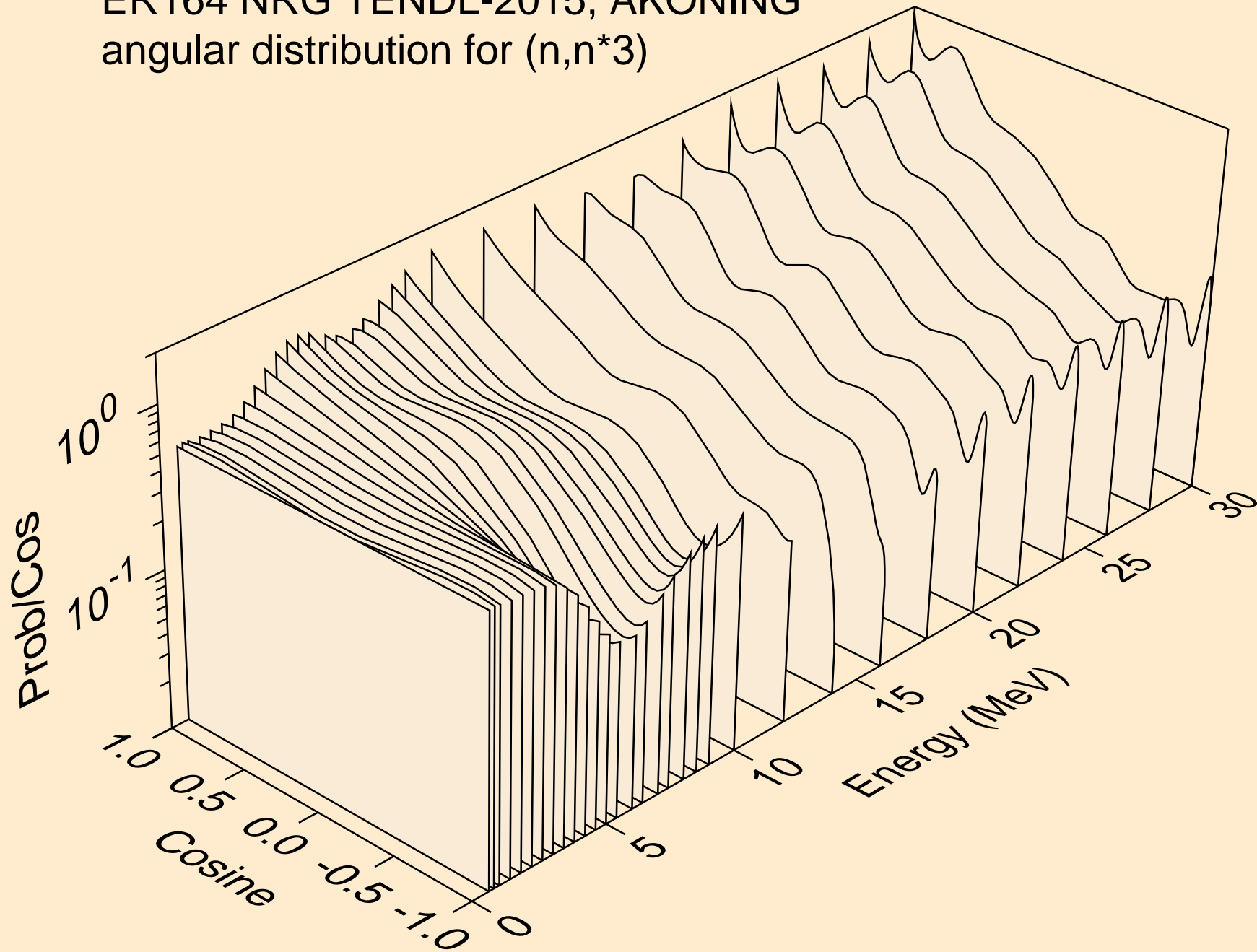
ER164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



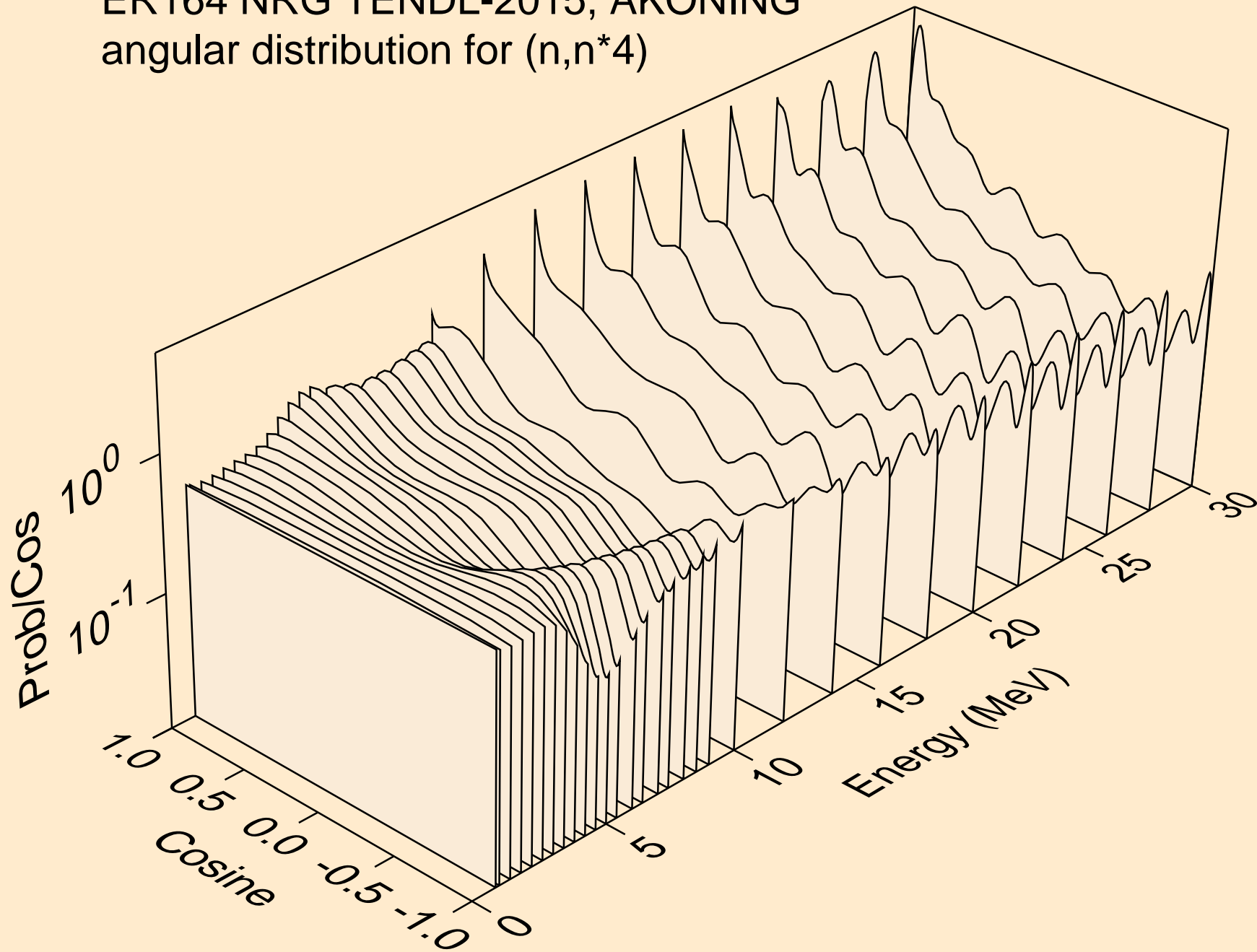
ER164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



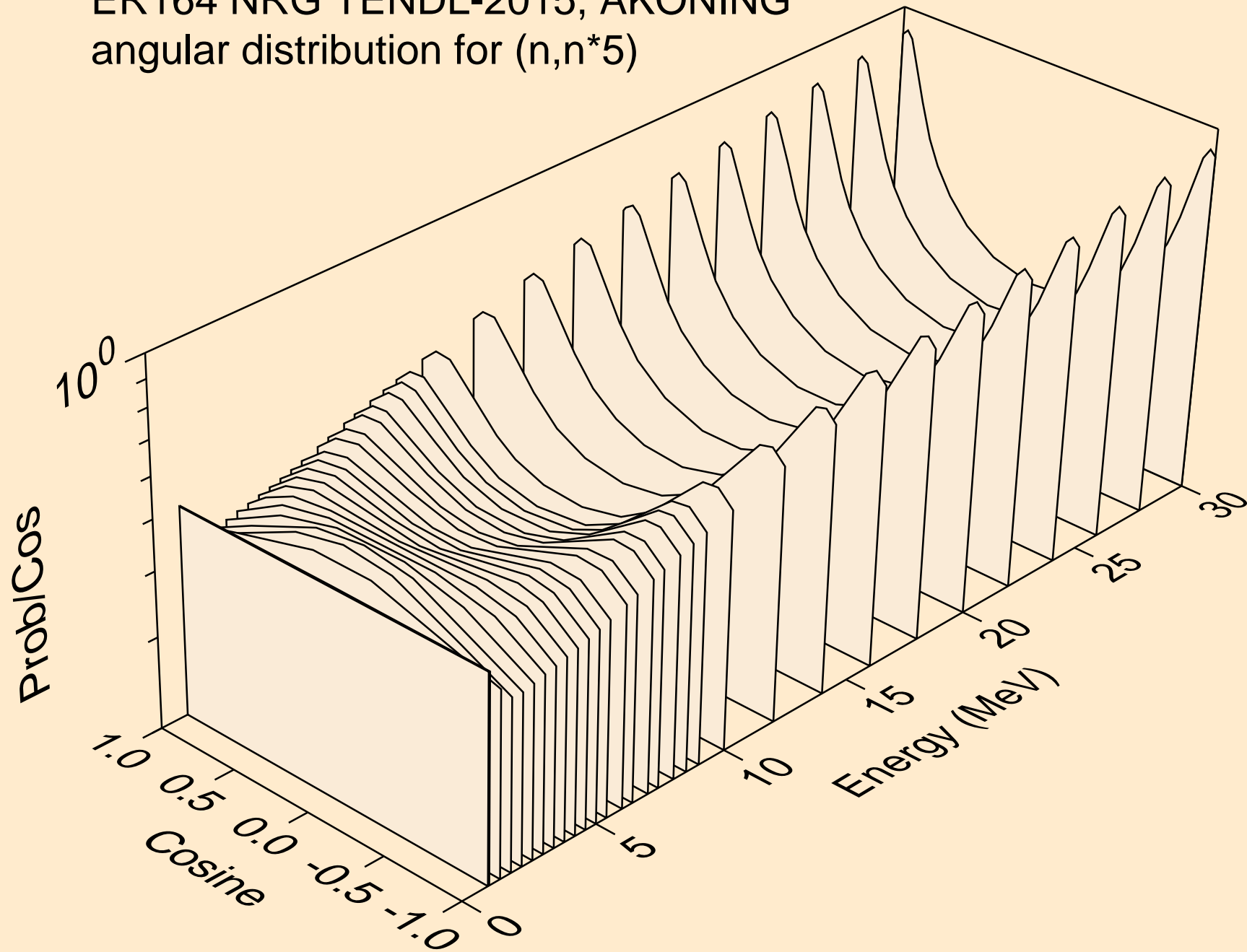
ER164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



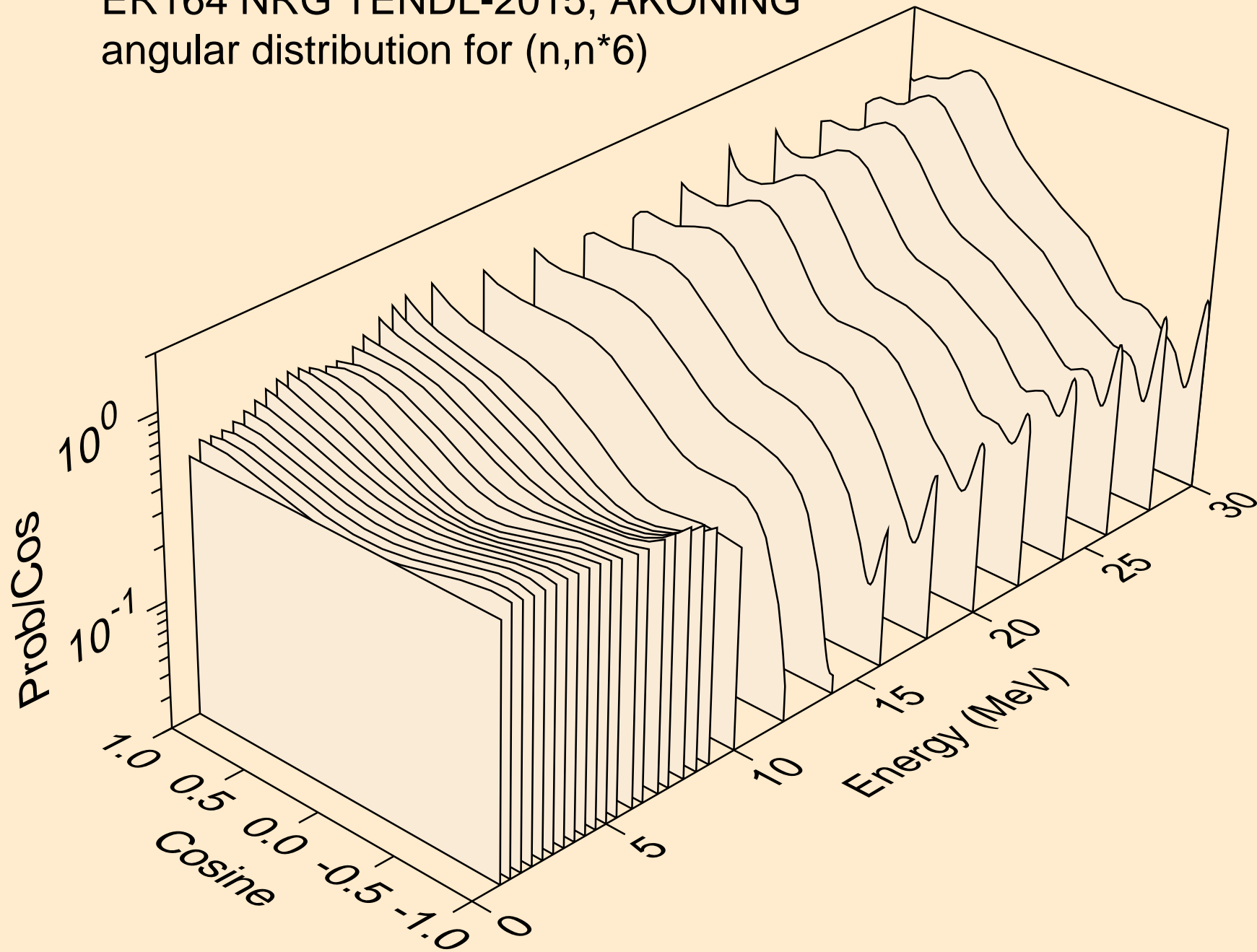
ER164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



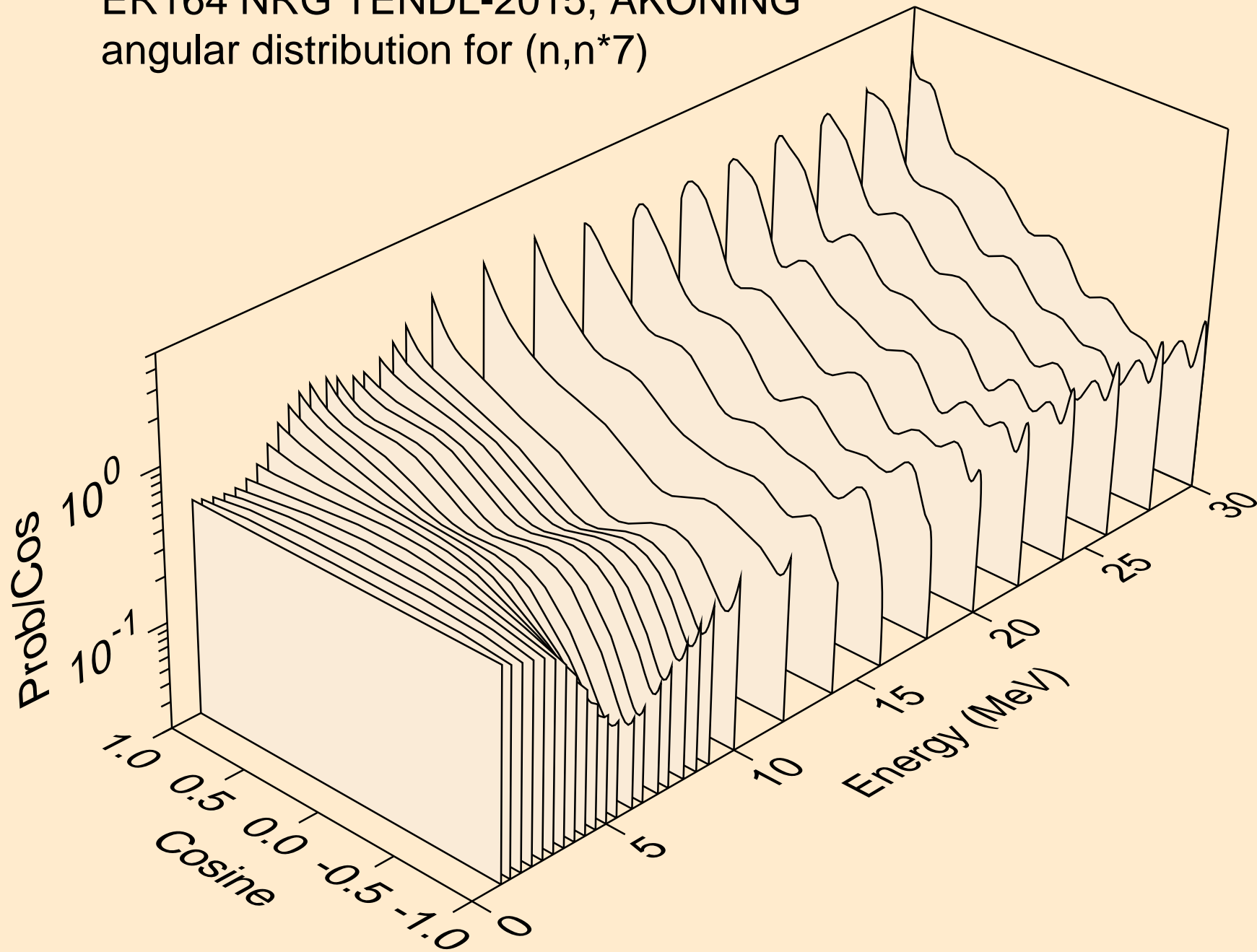
ER164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



ER164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

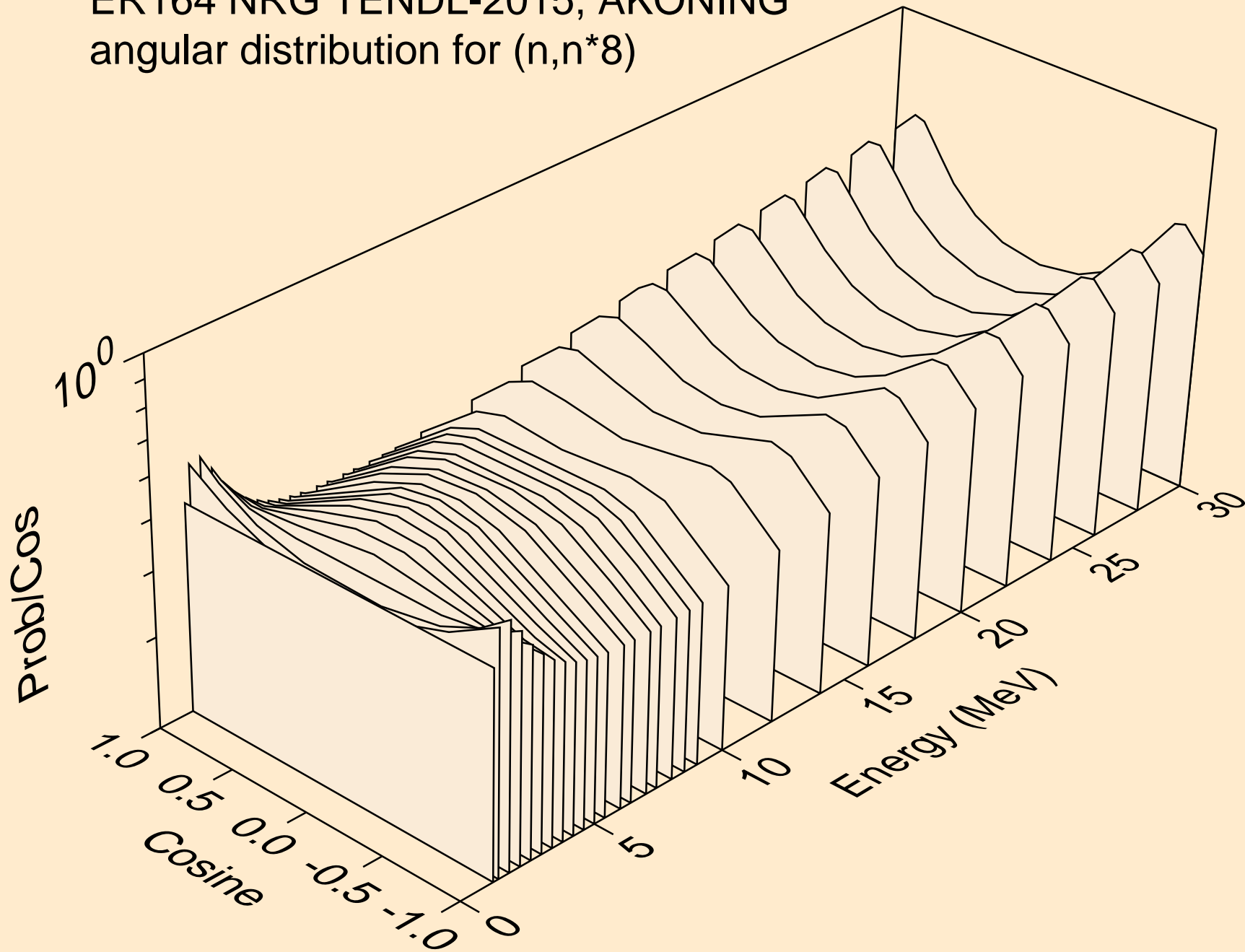


ER164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

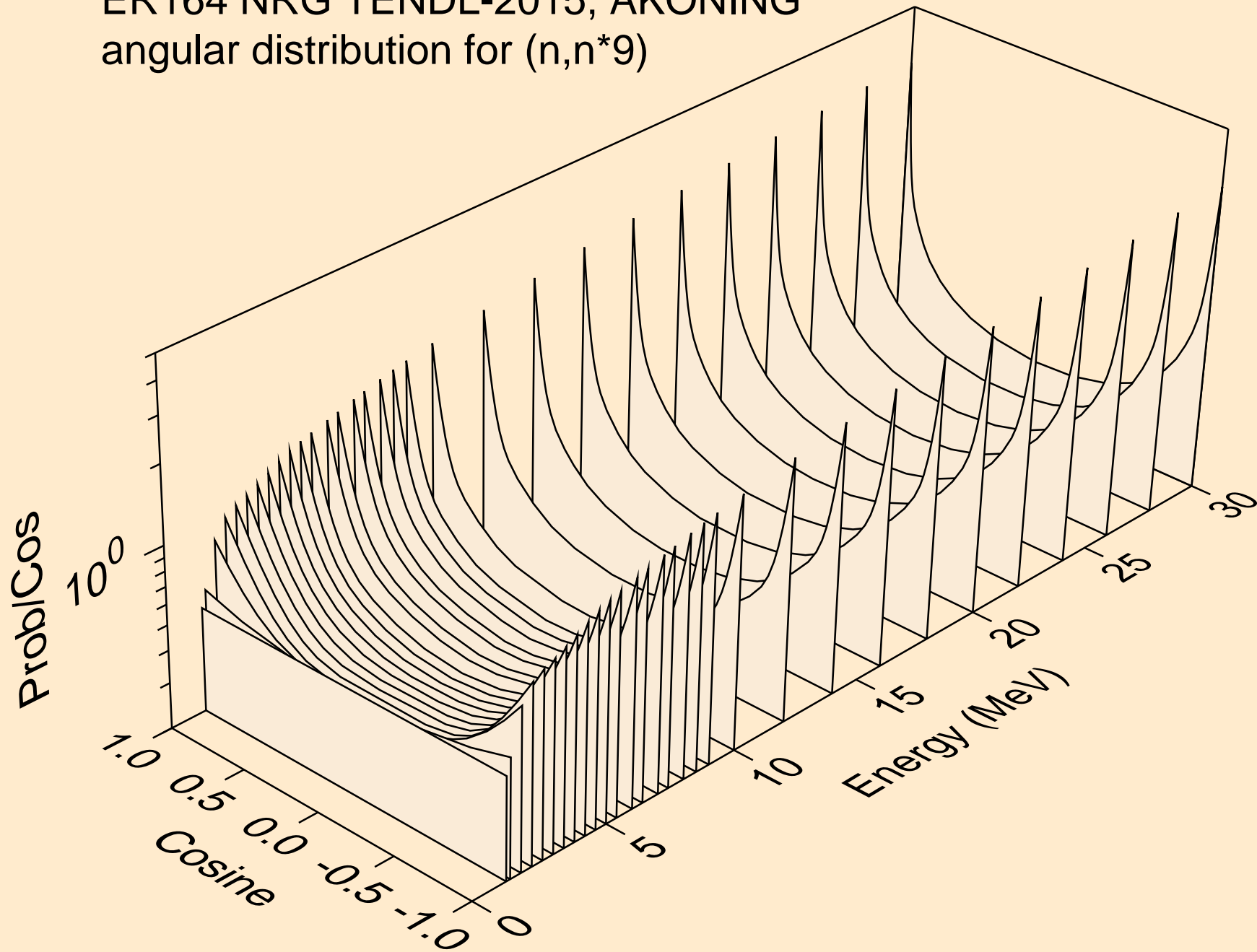




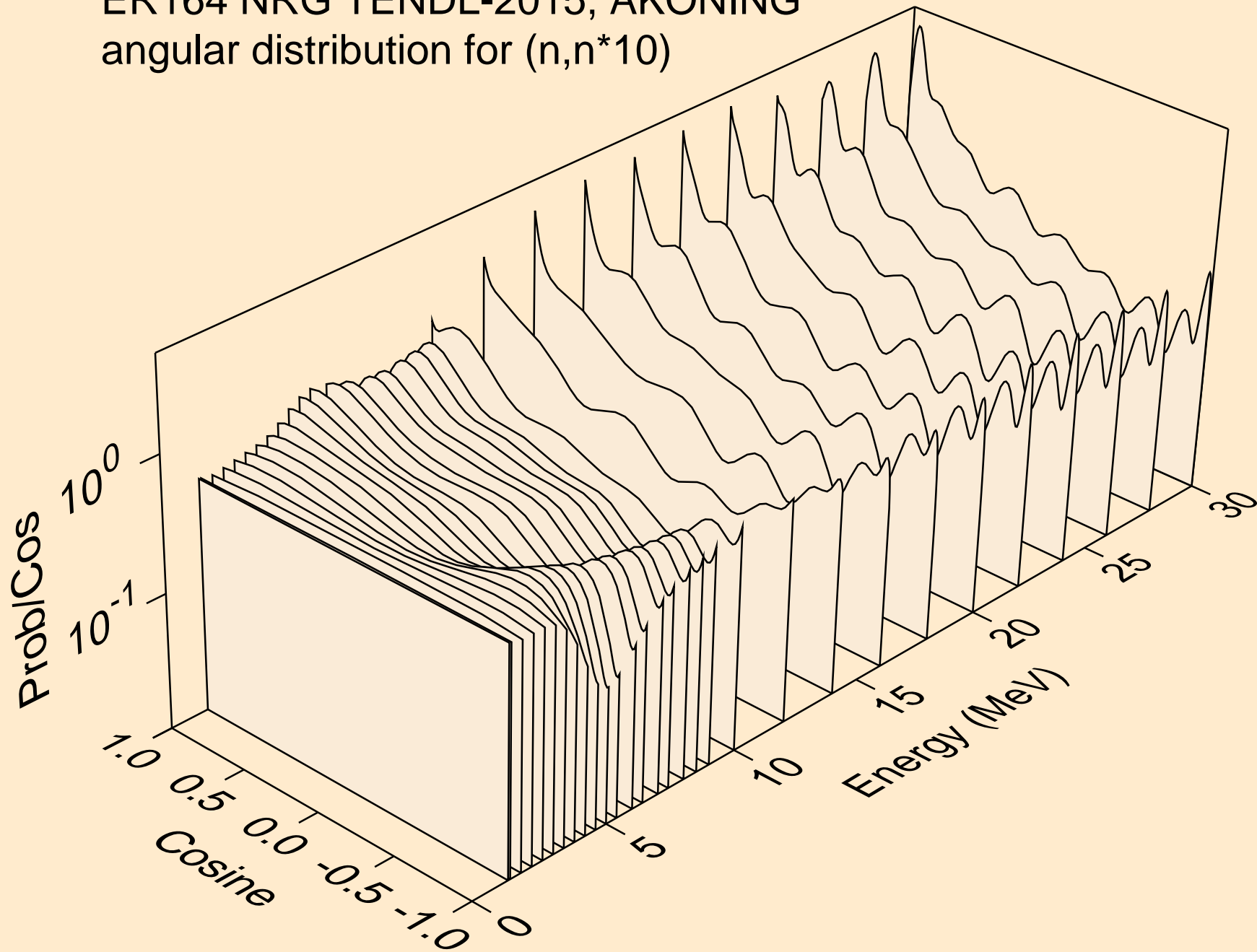
ER164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



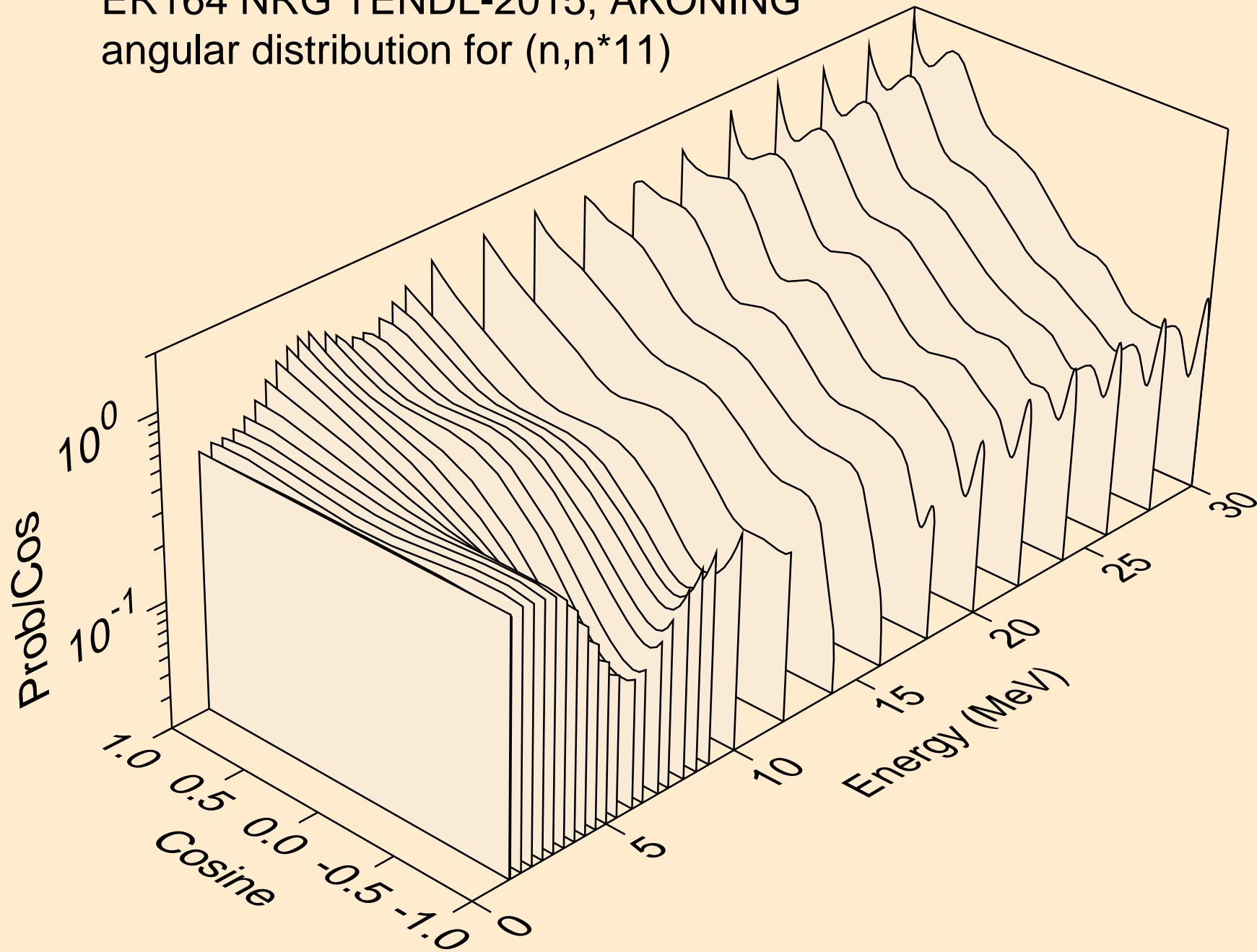
ER164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



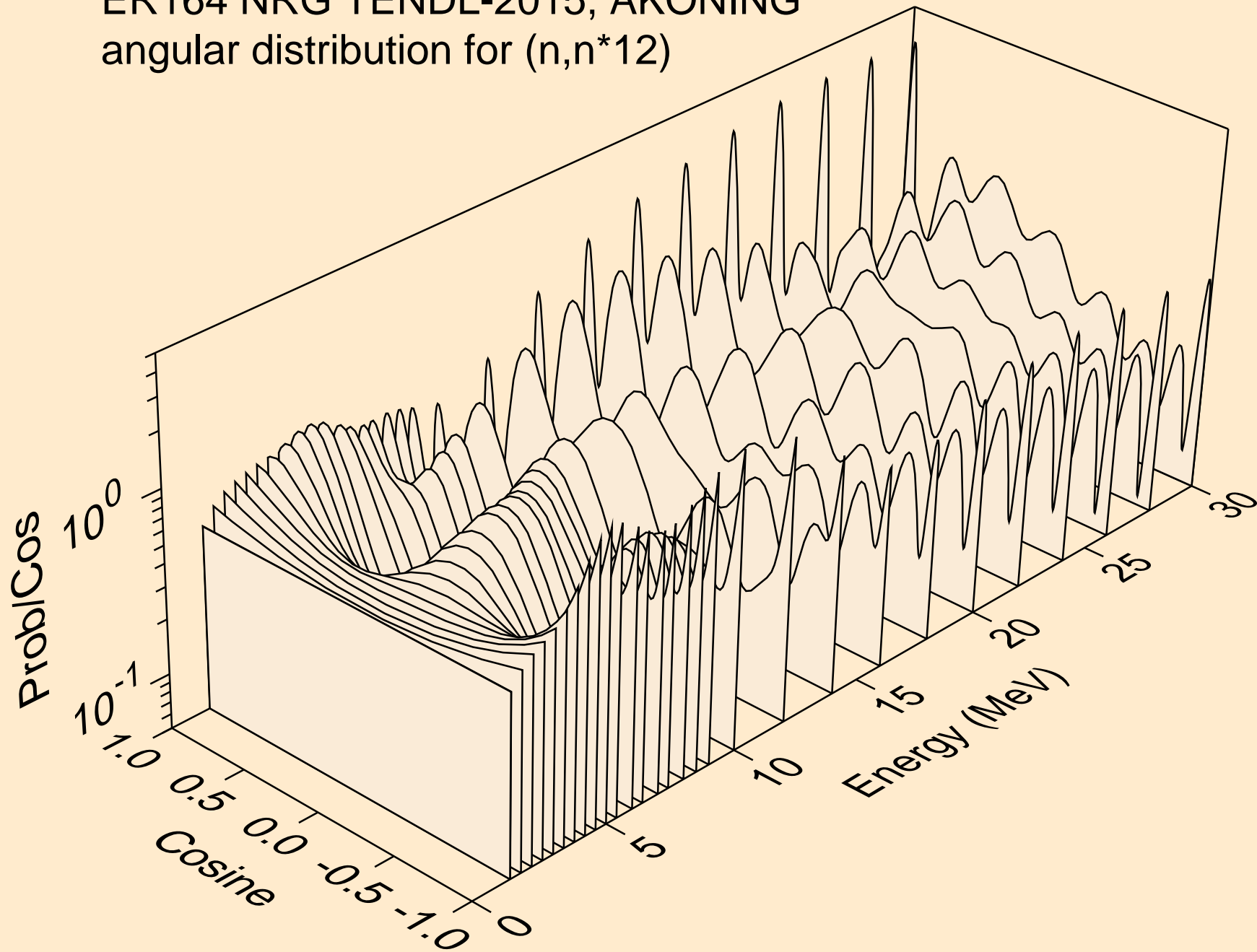
ER164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



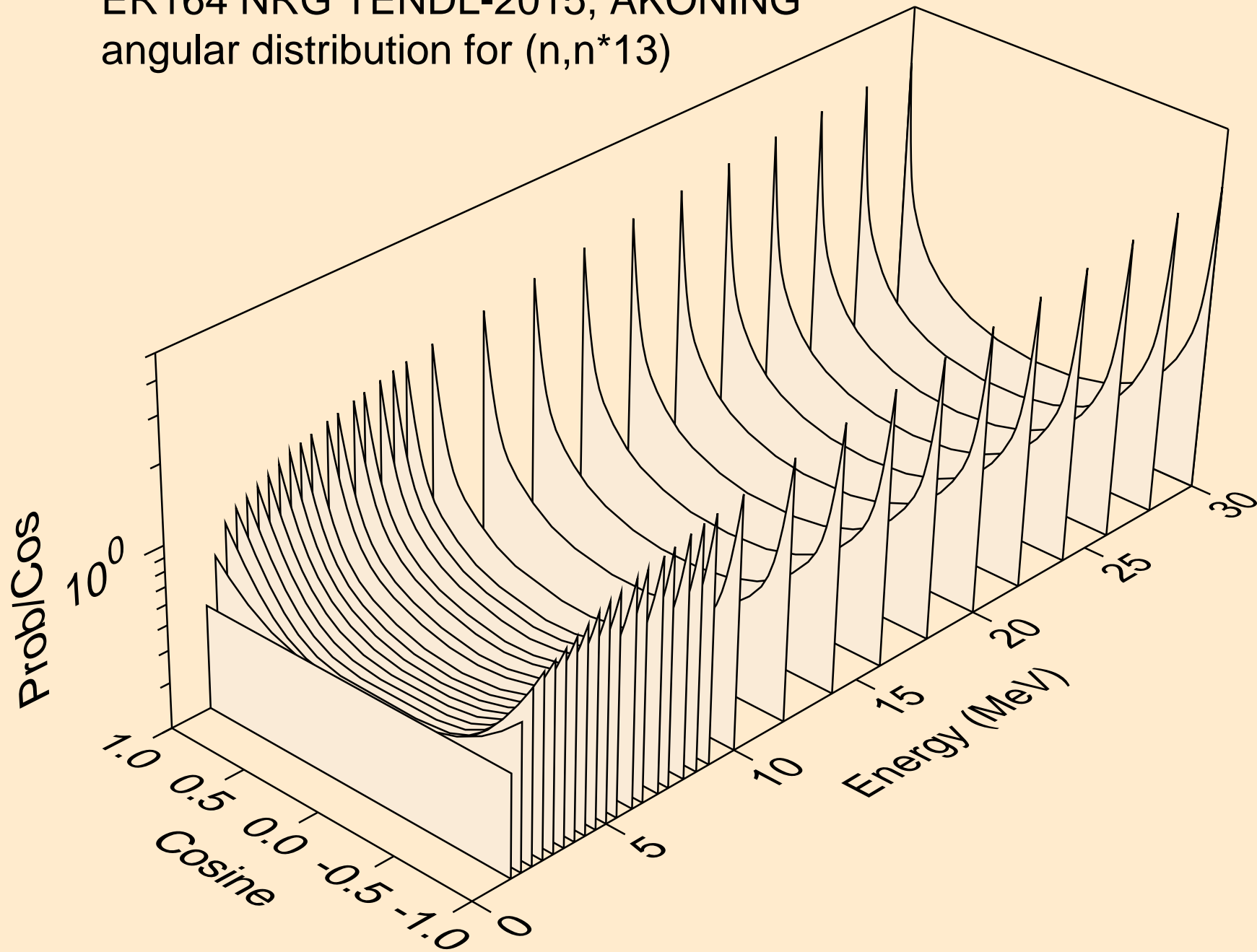
ER164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



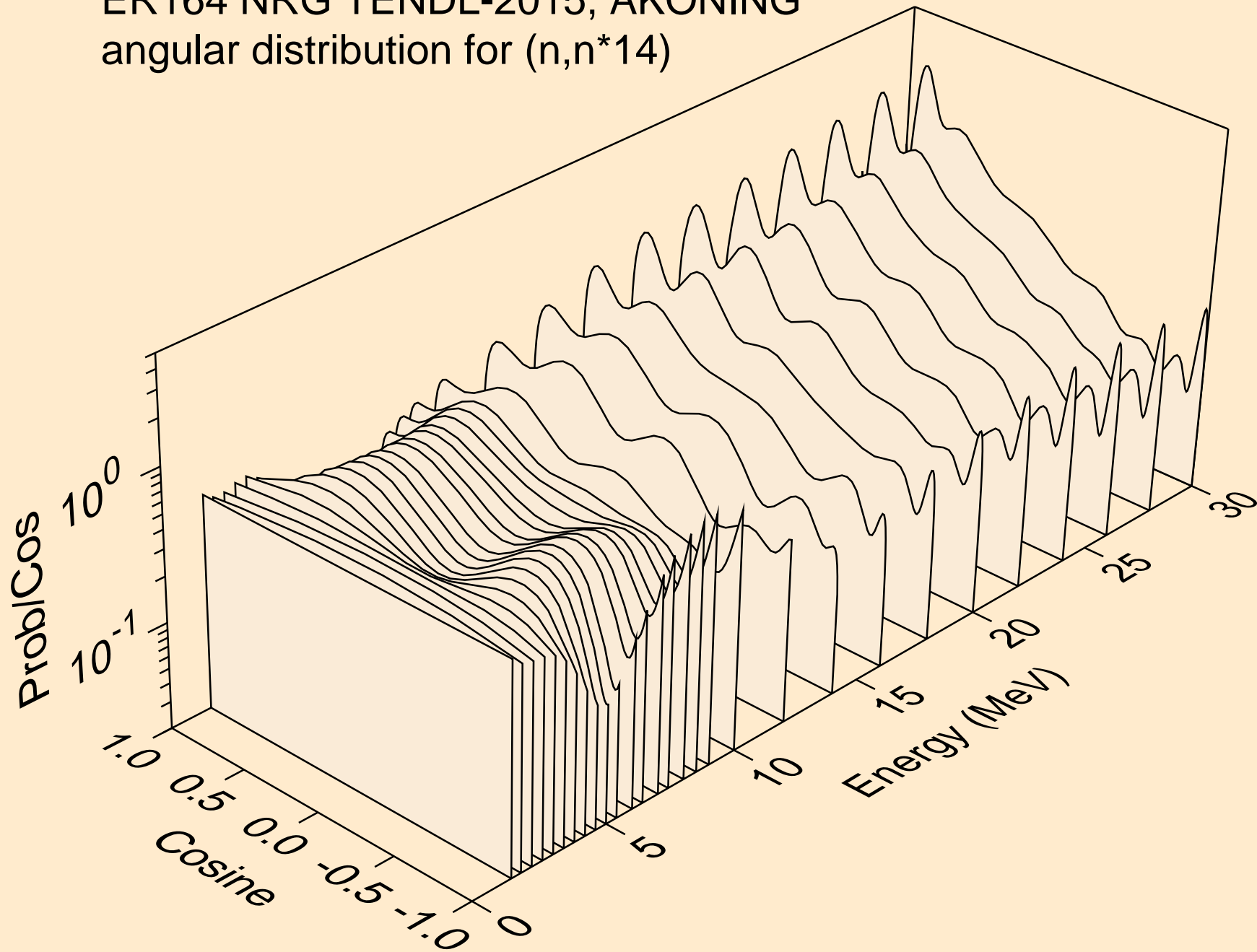
ER164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



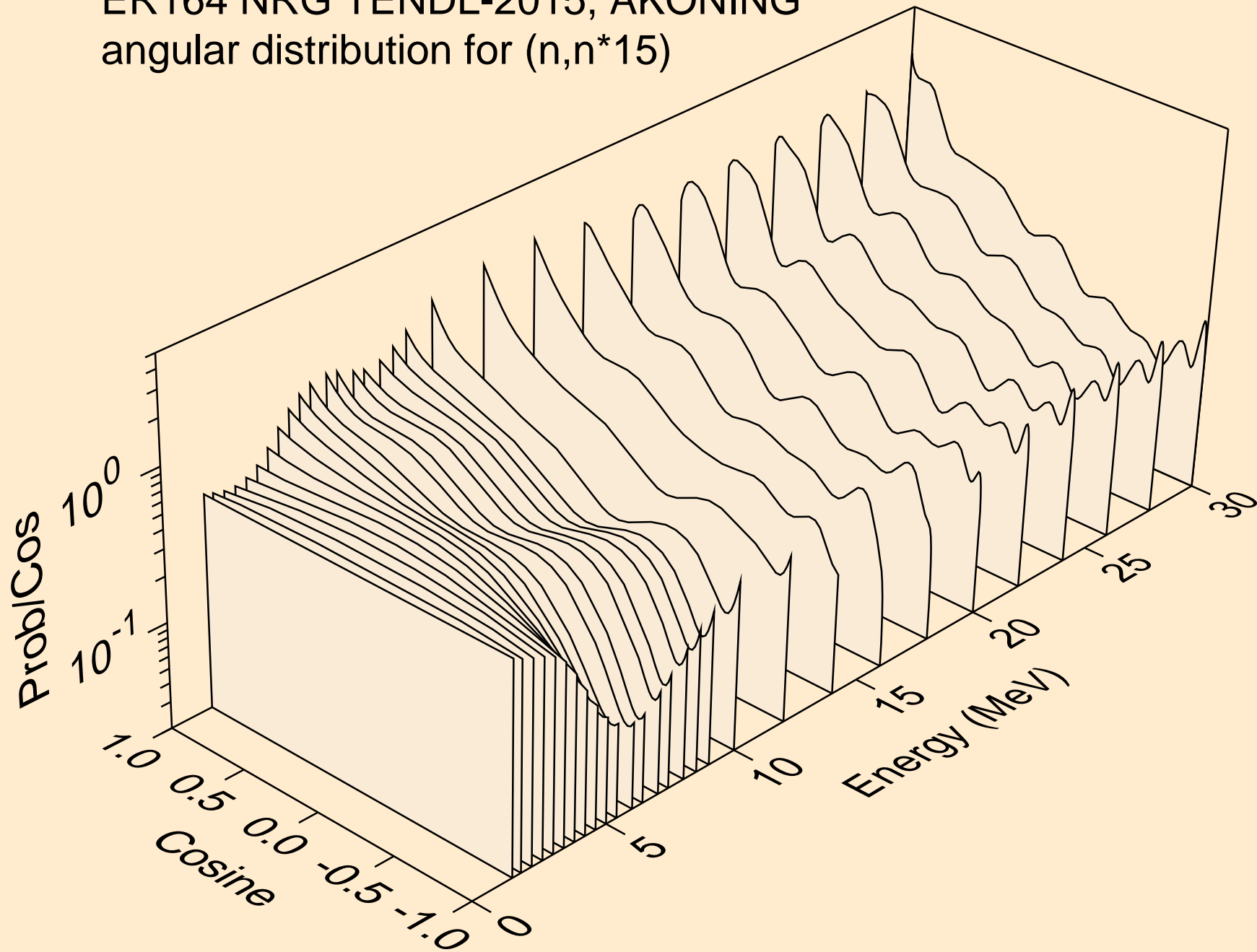
ER164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



ER164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

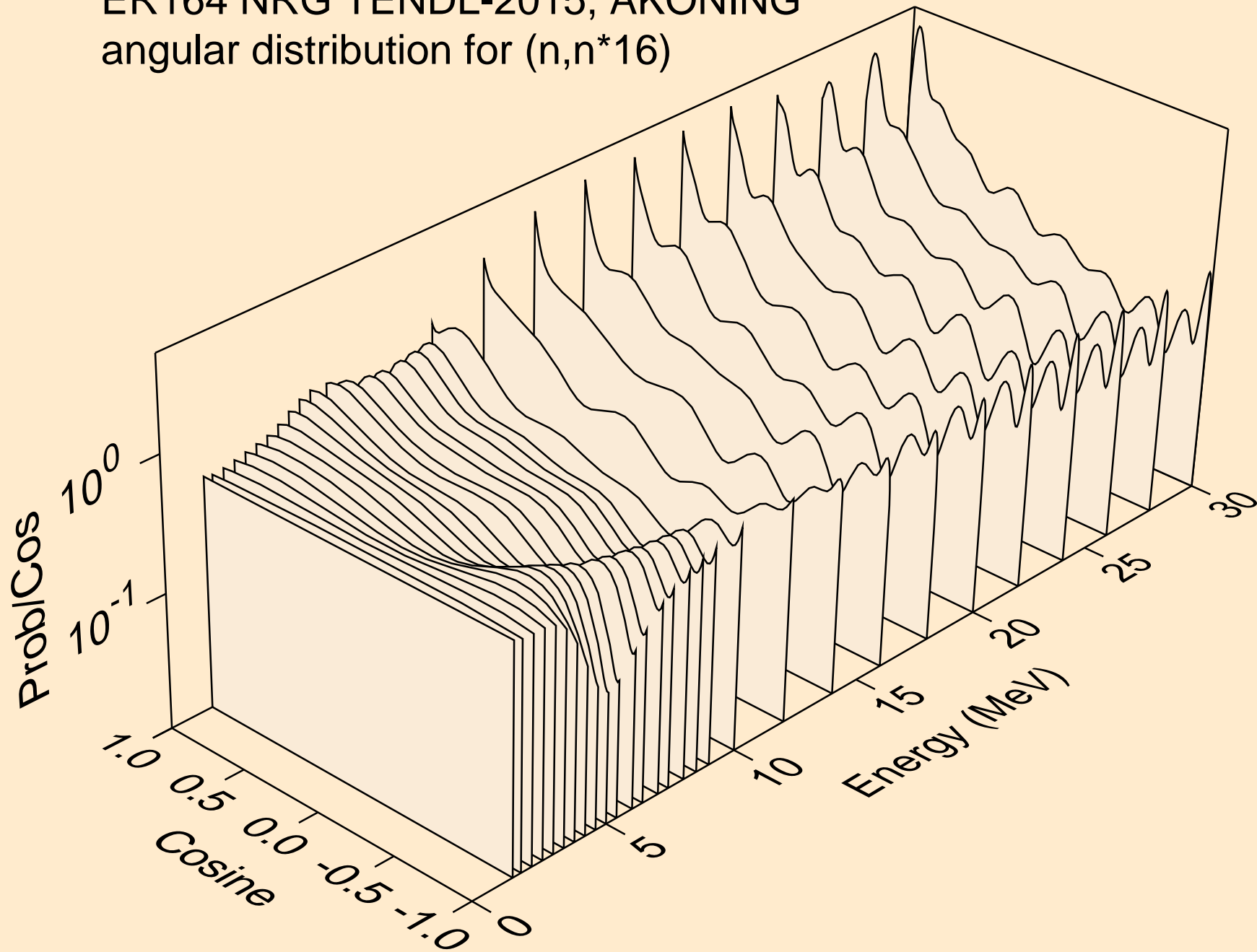


ER164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

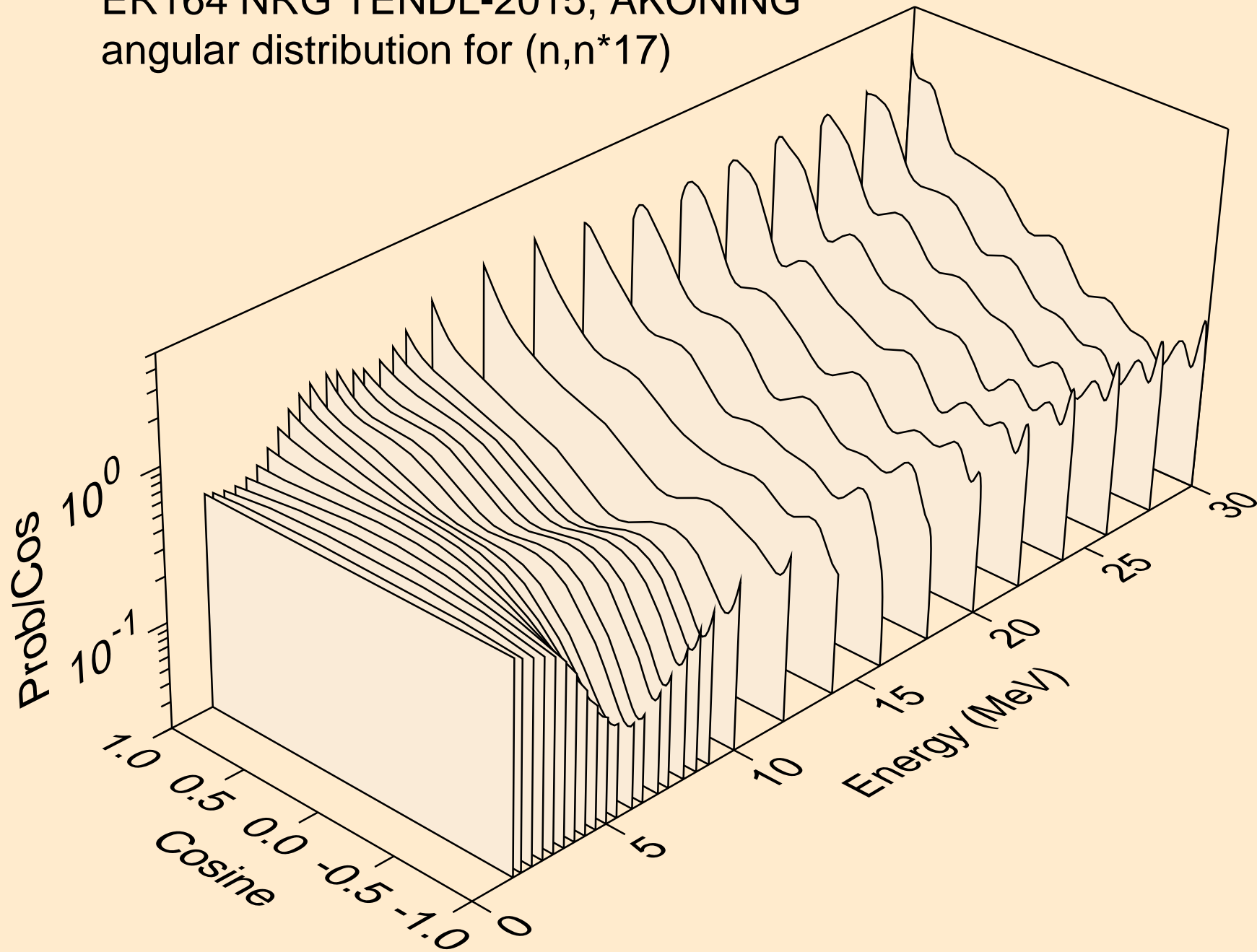




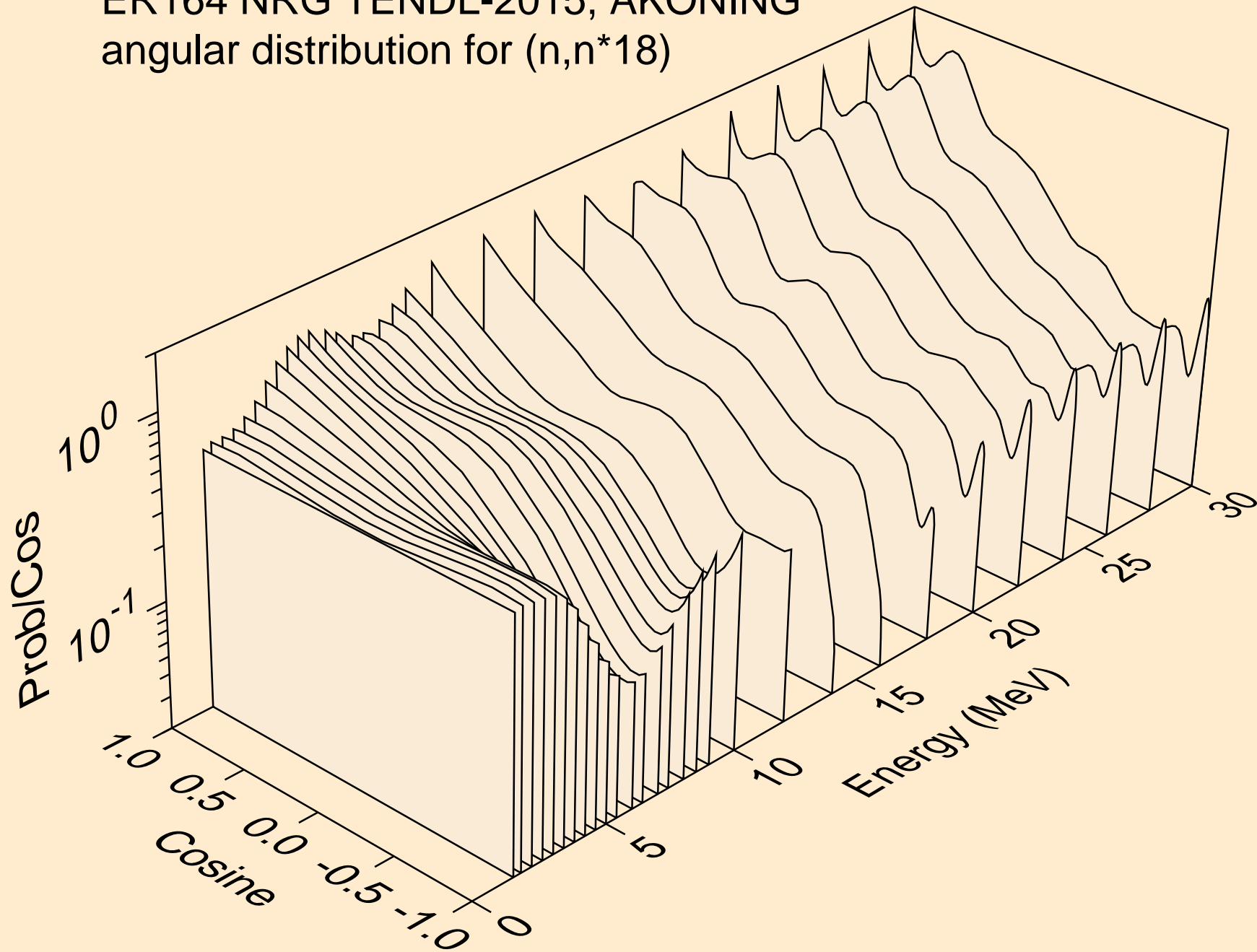
ER164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



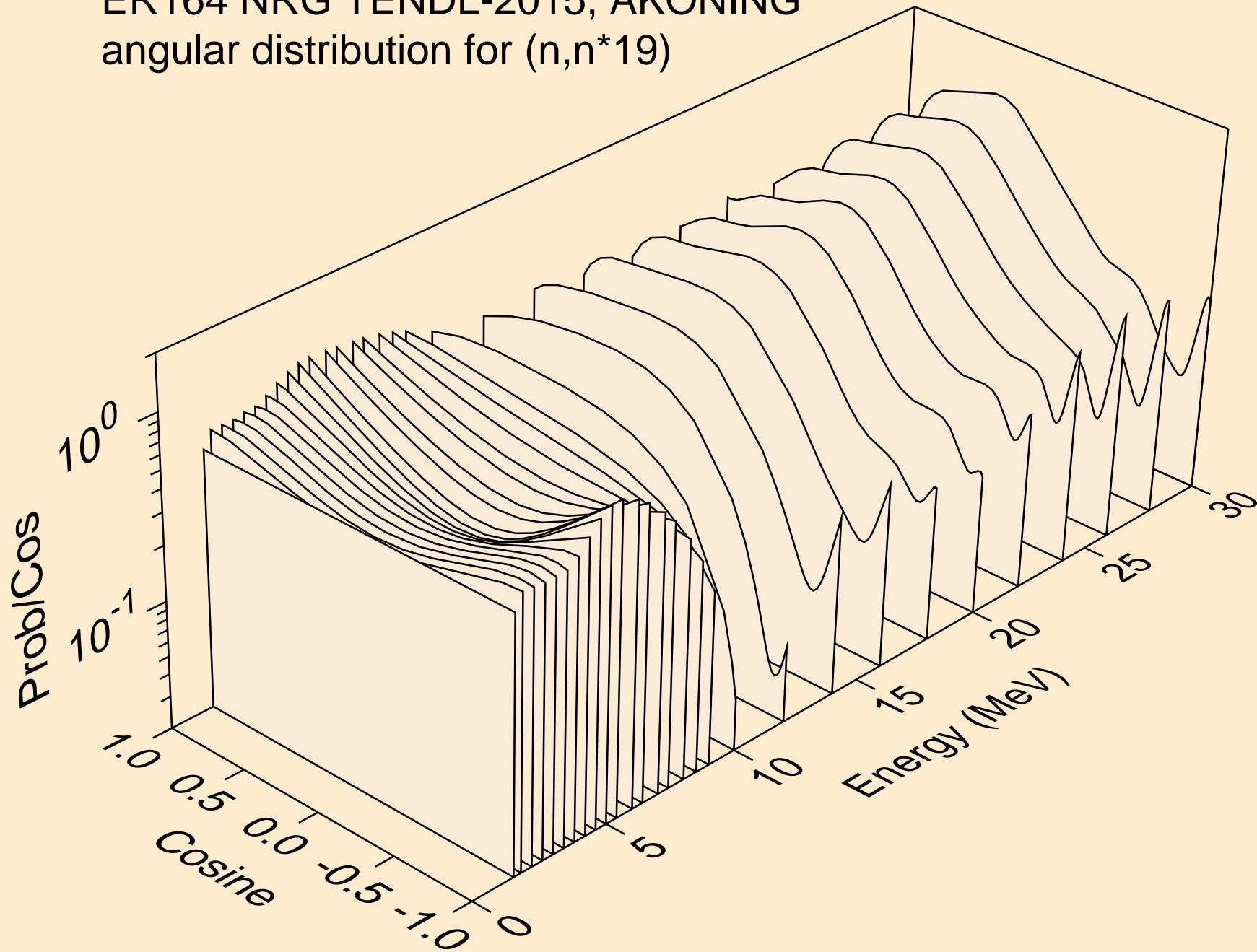
ER164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



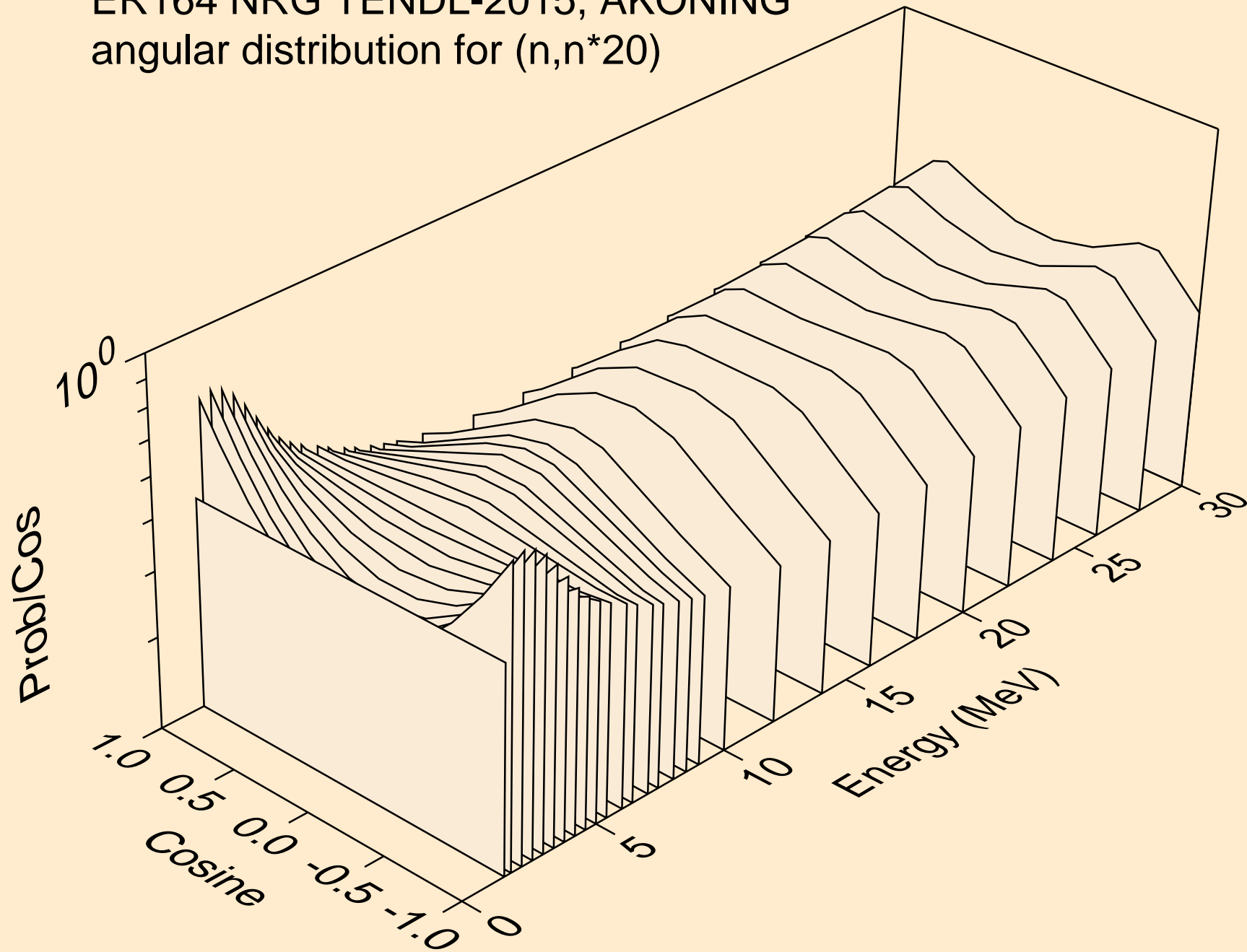
ER164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



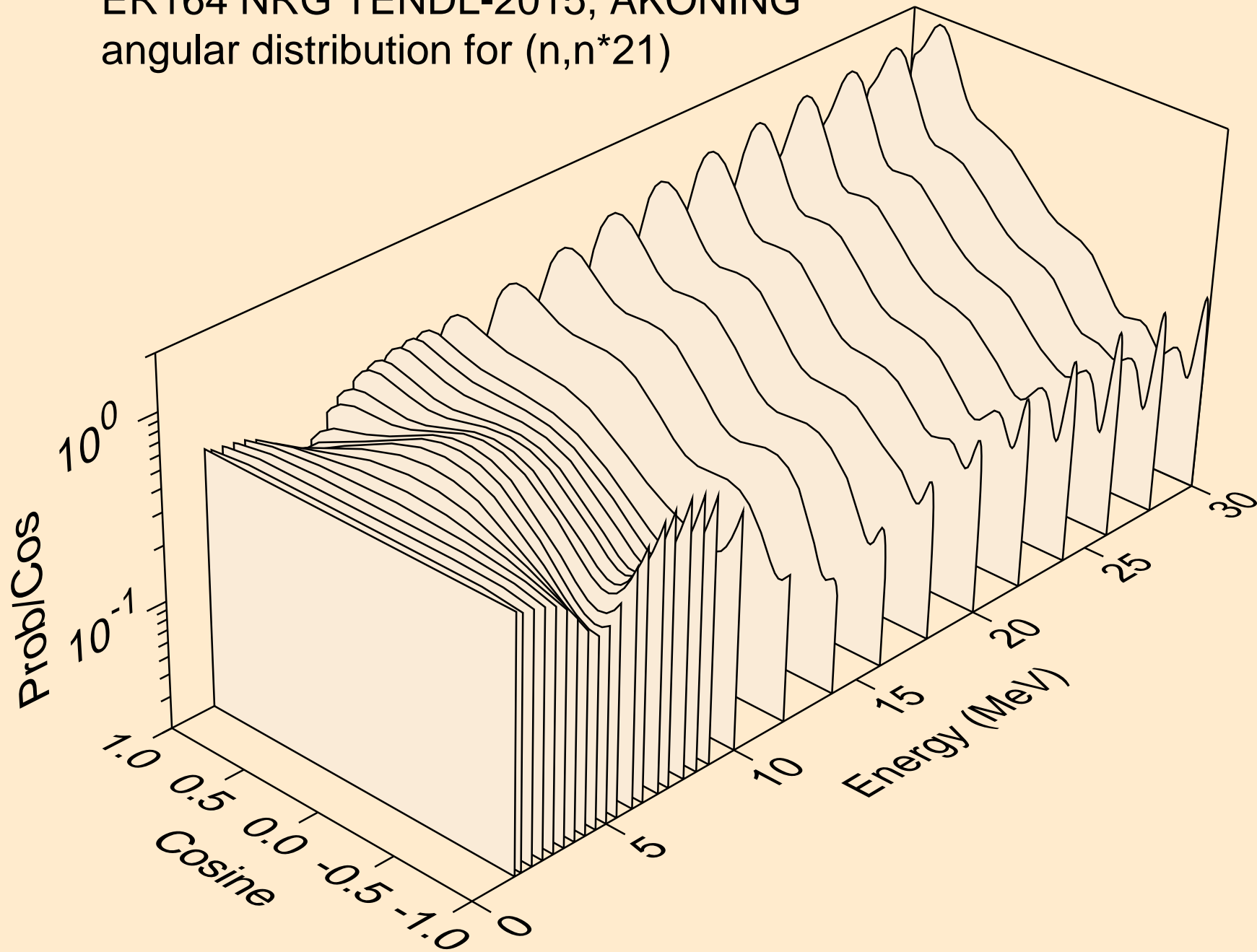
ER164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



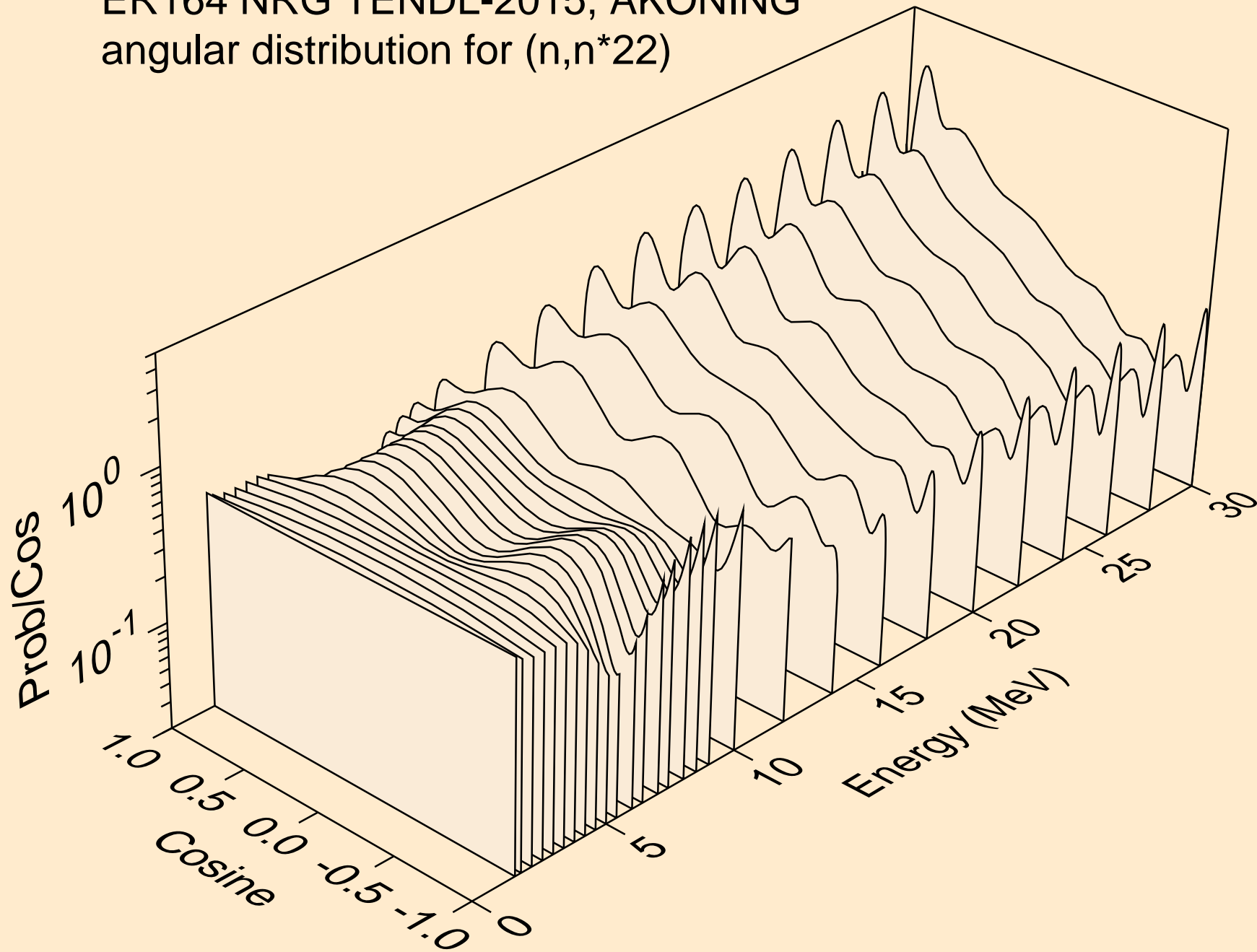
ER164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



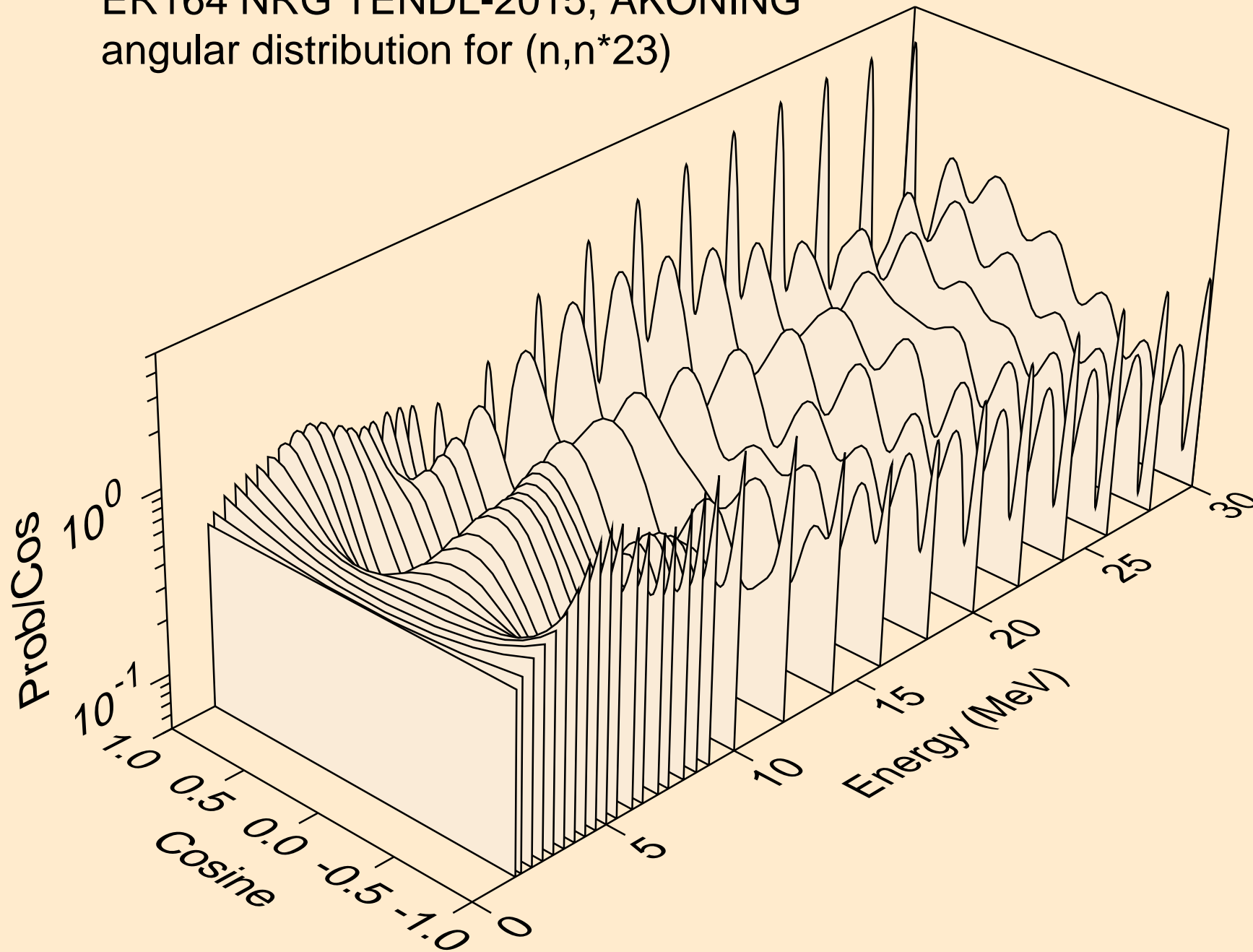
ER164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



ER164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

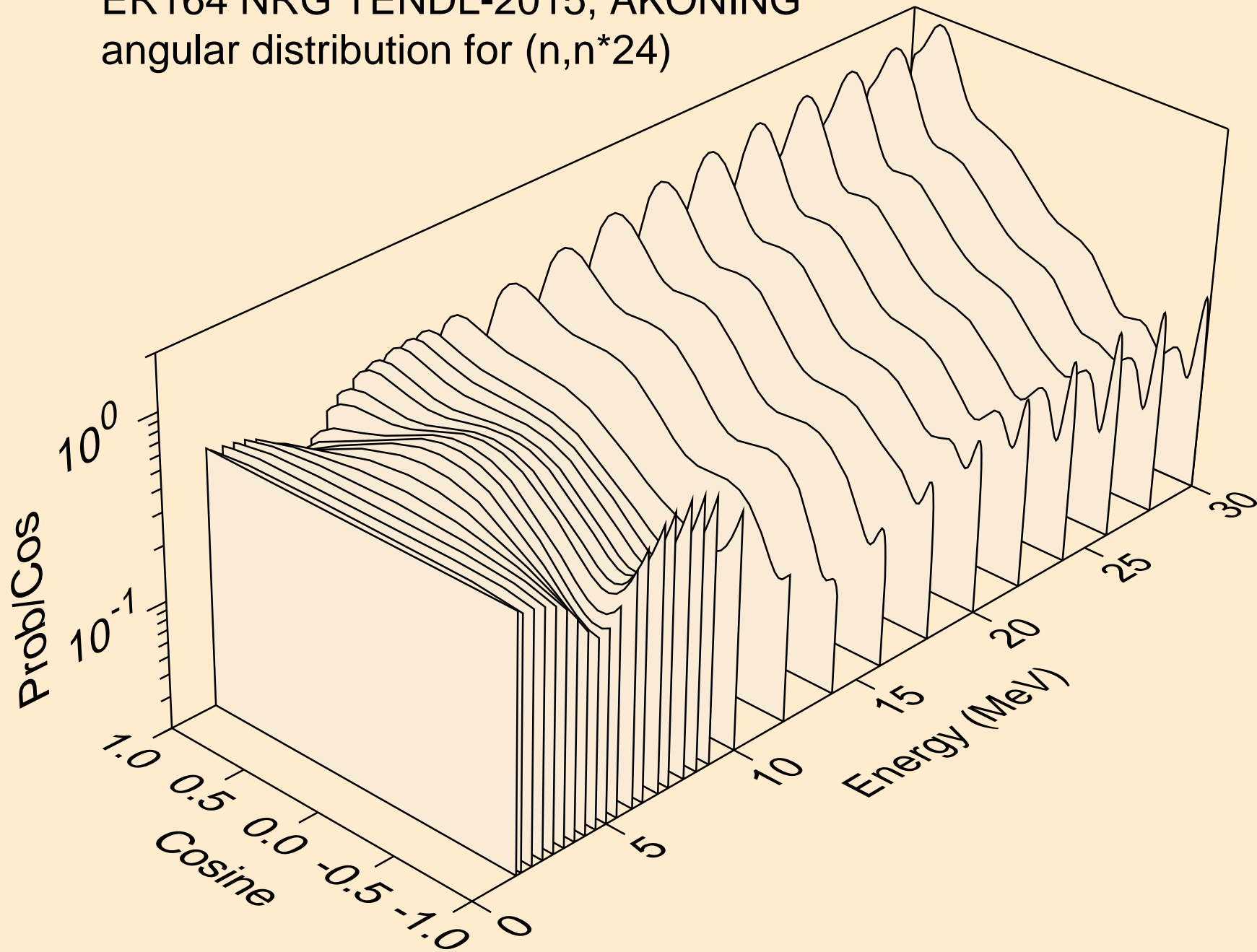


ER164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

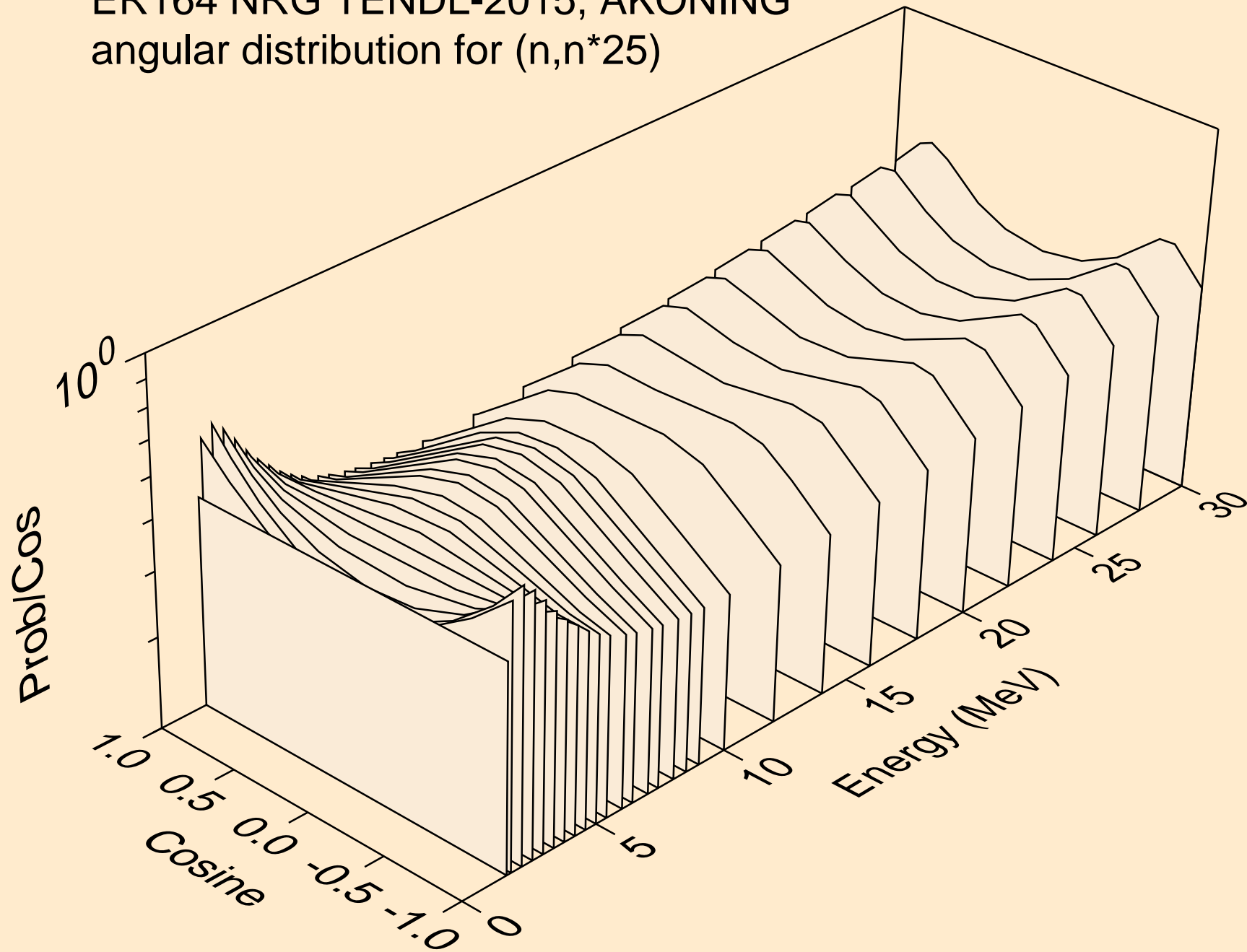




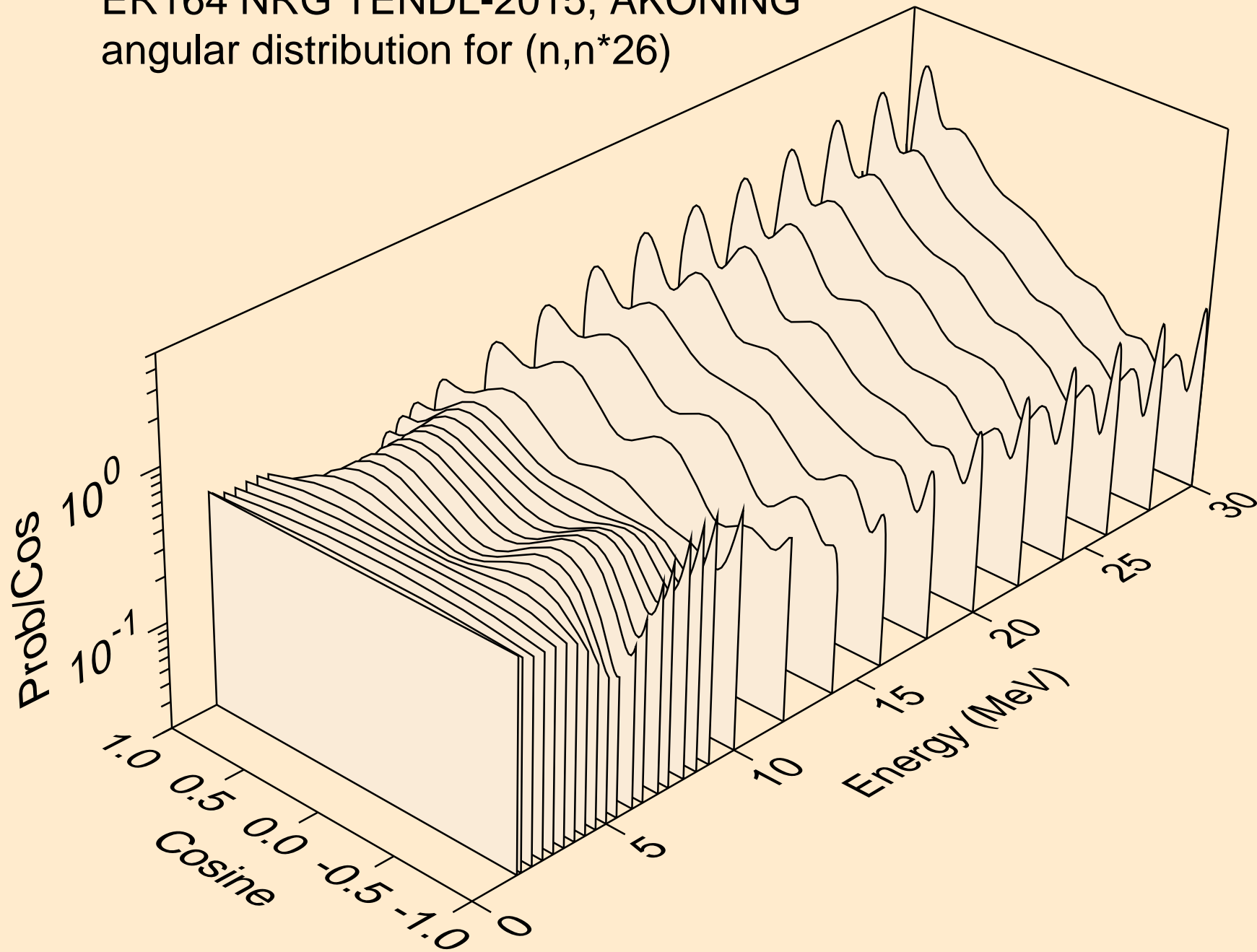
ER164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



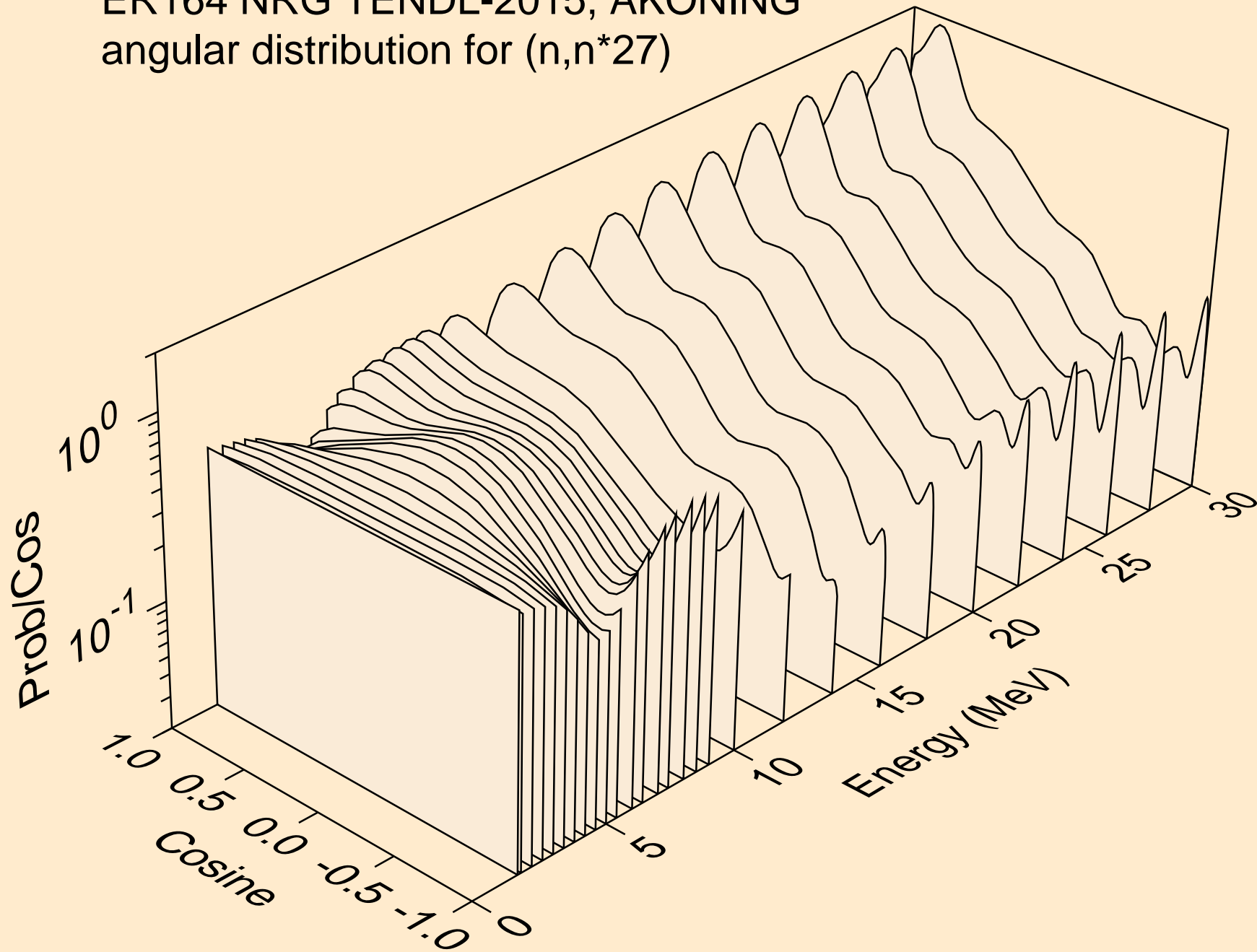
ER164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



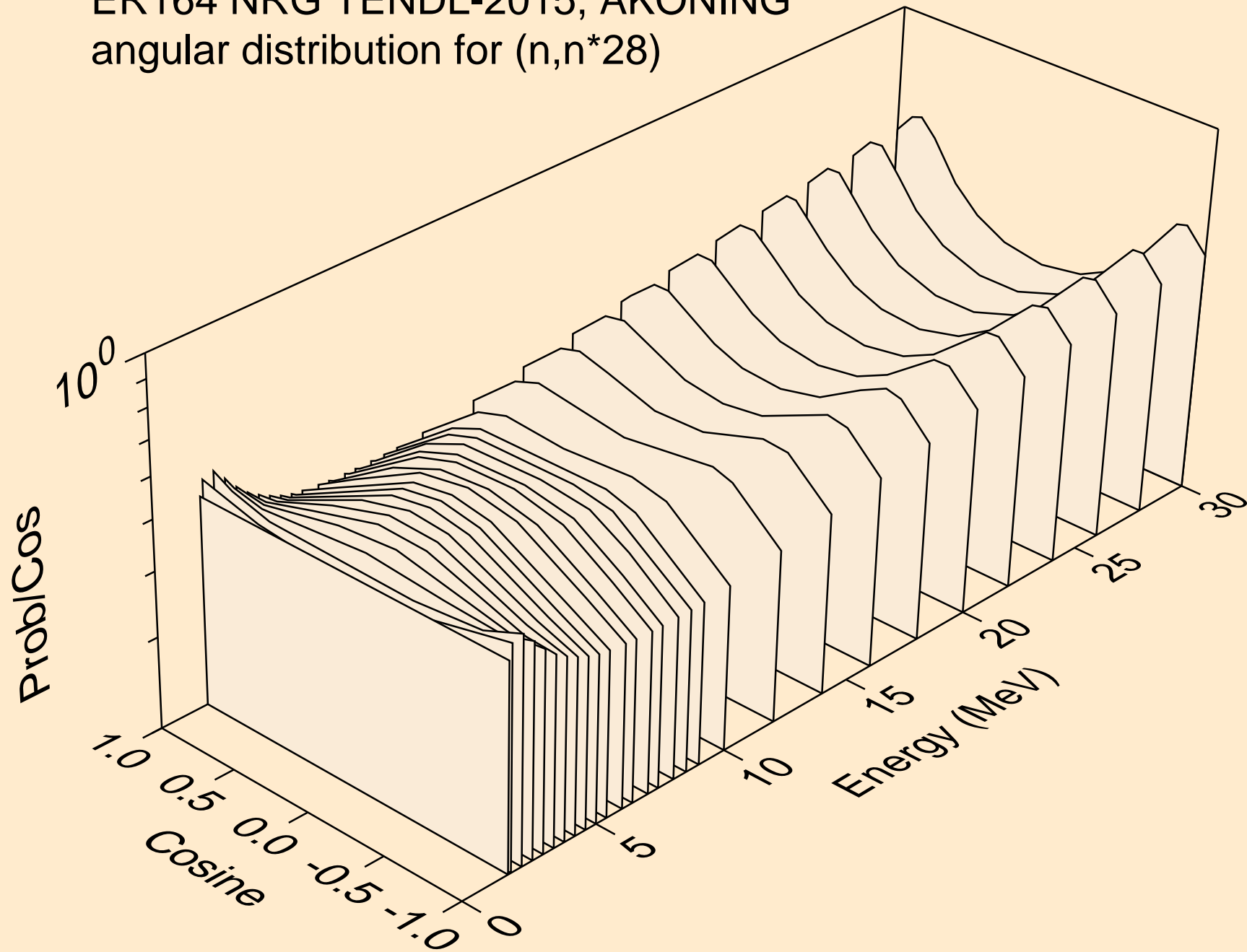
ER164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



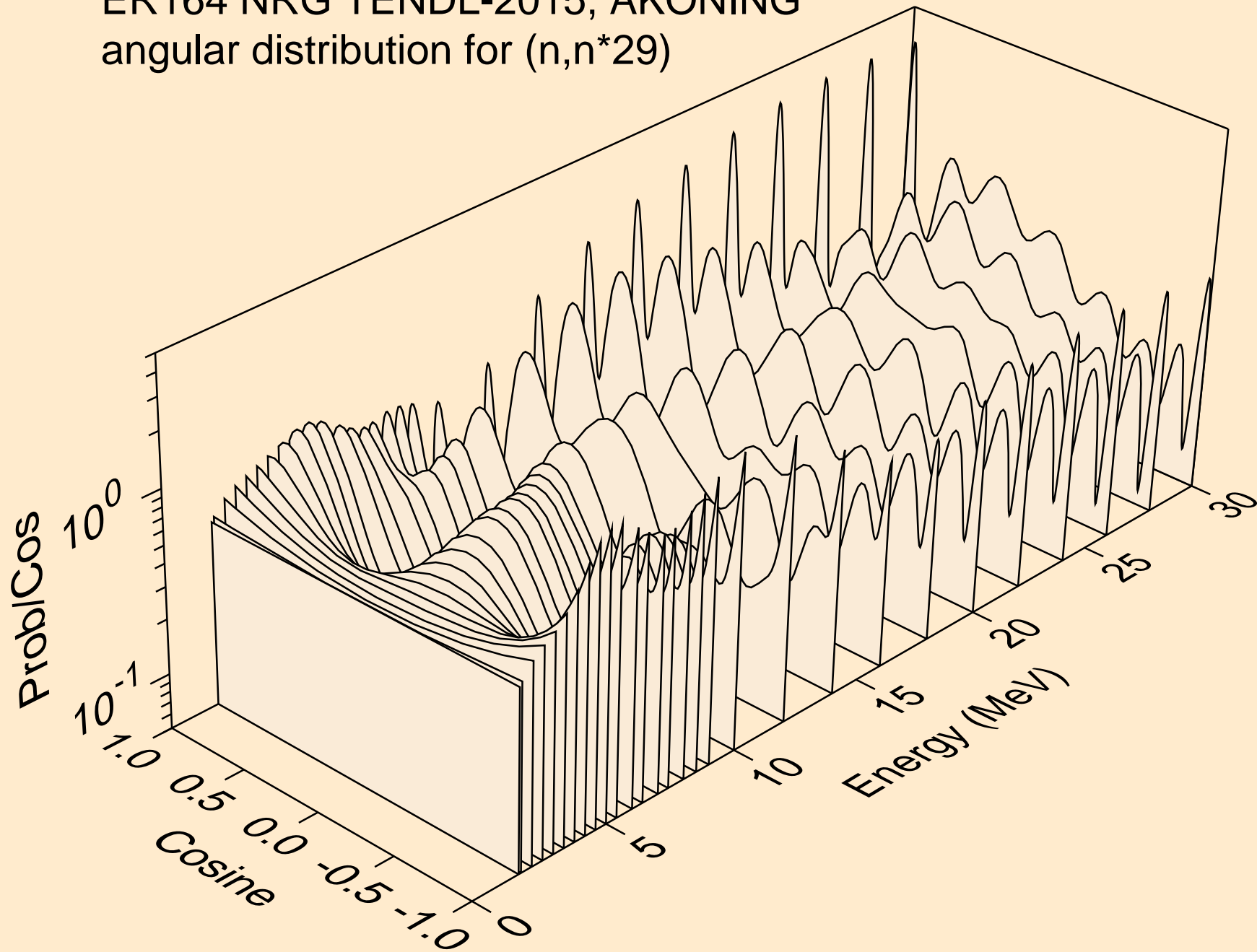
ER164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



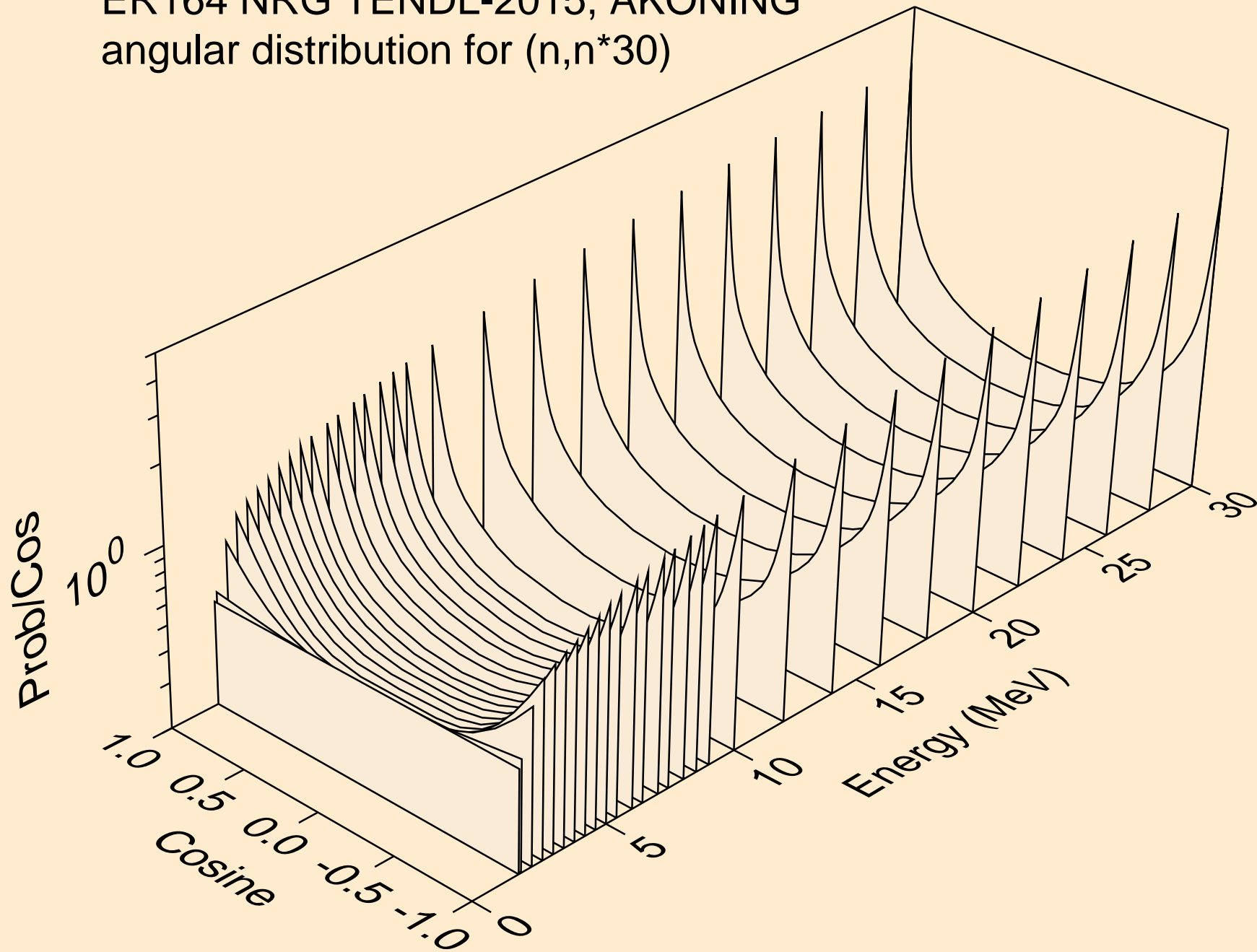
ER164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



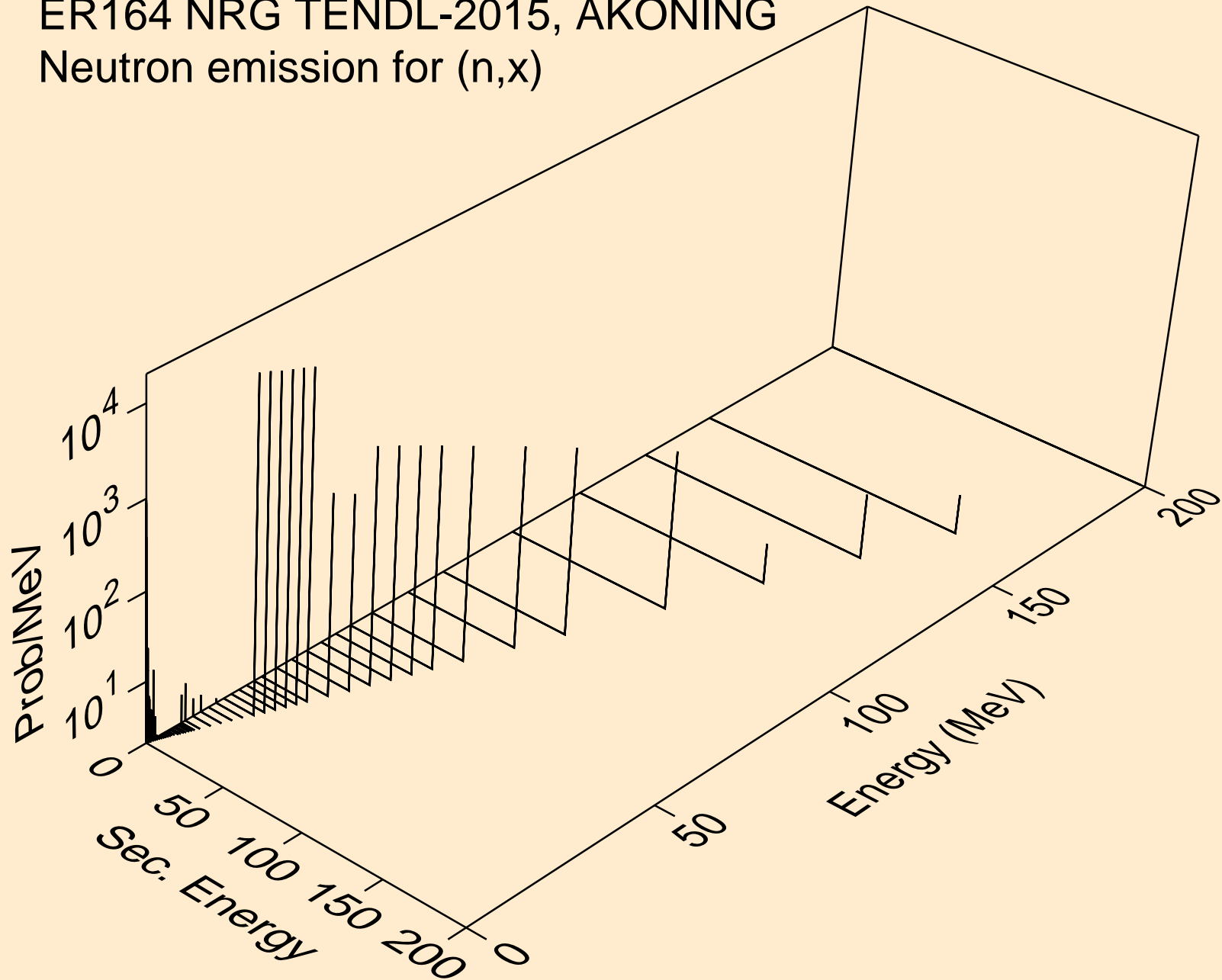
ER164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



ER164 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

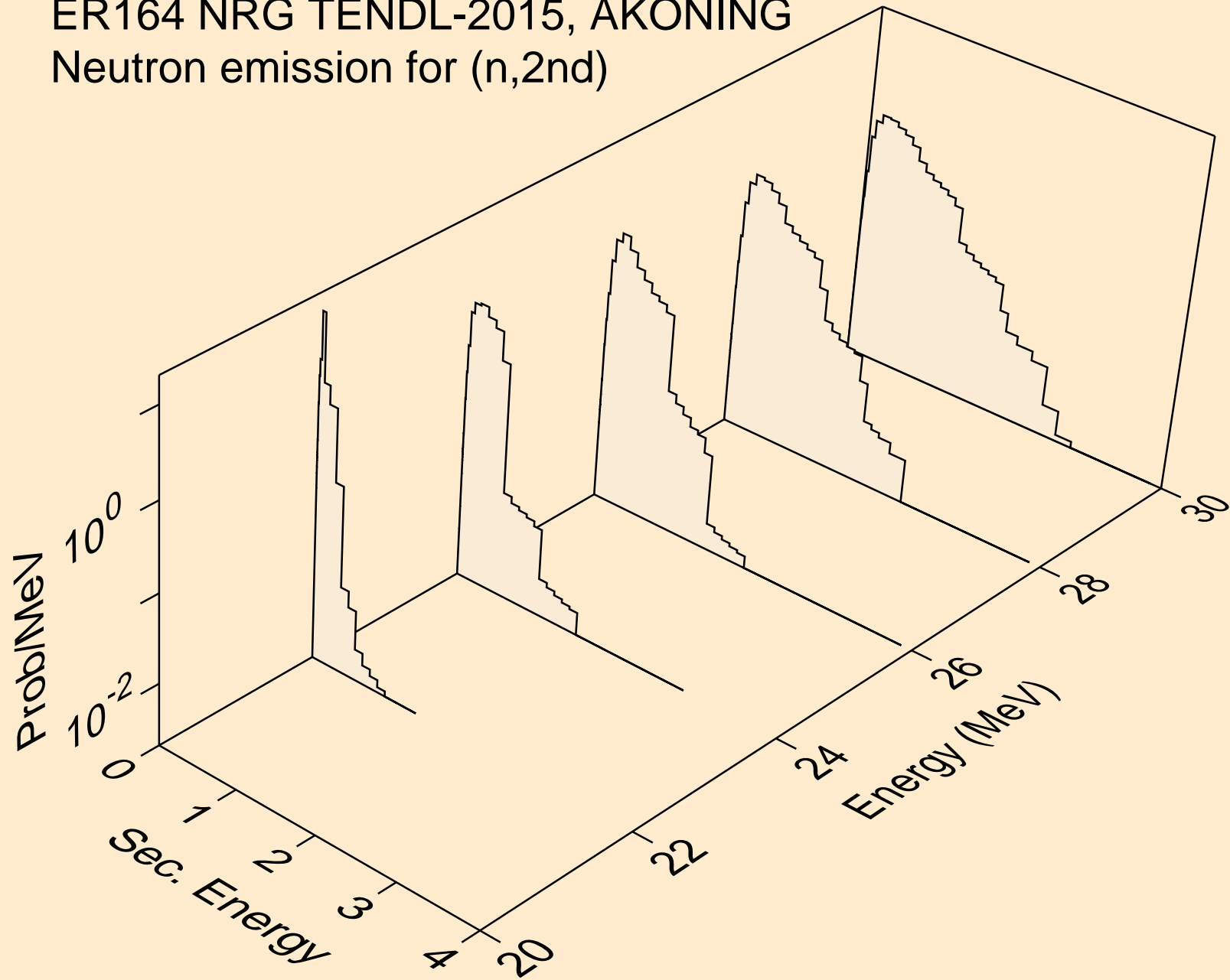


ER164 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

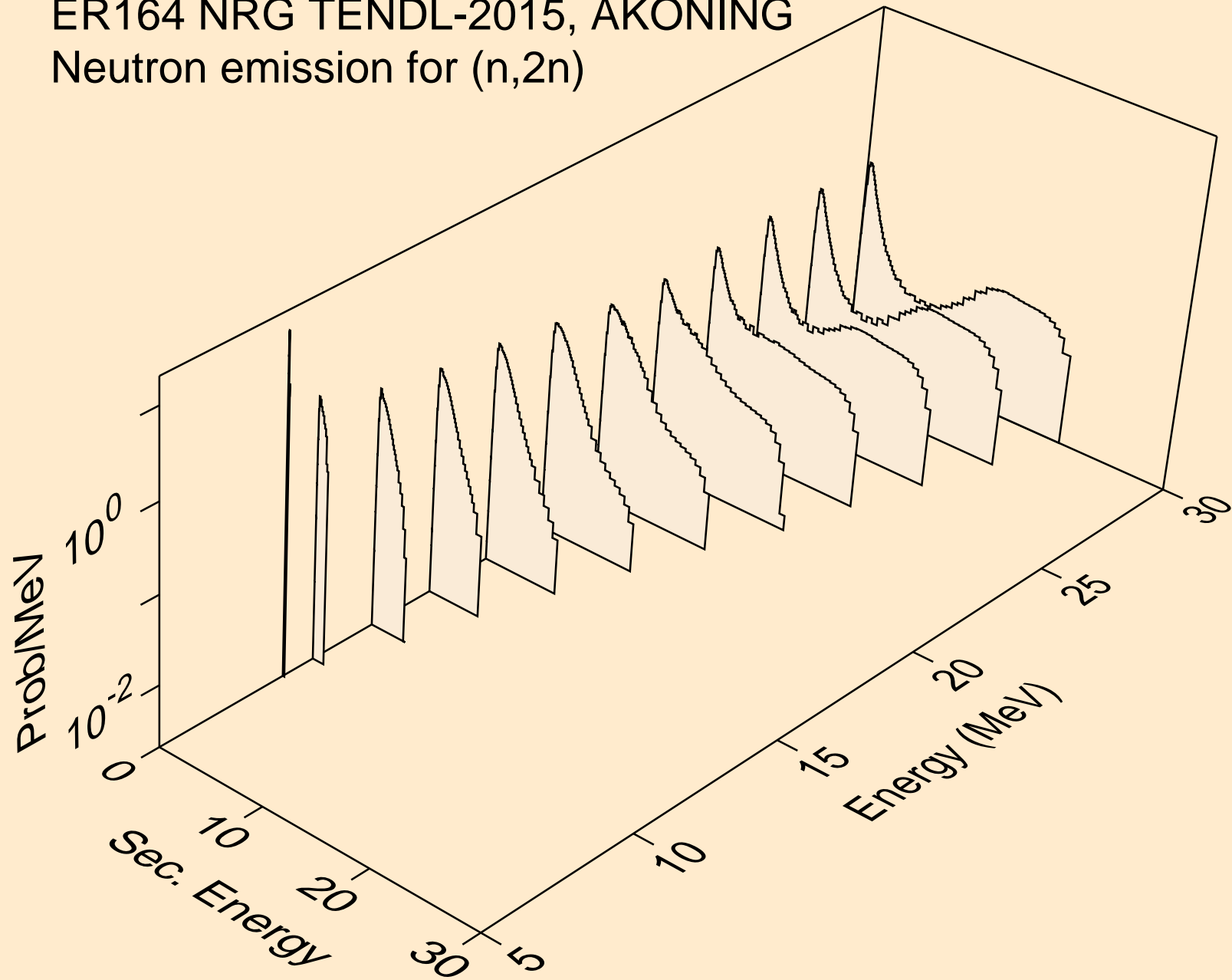




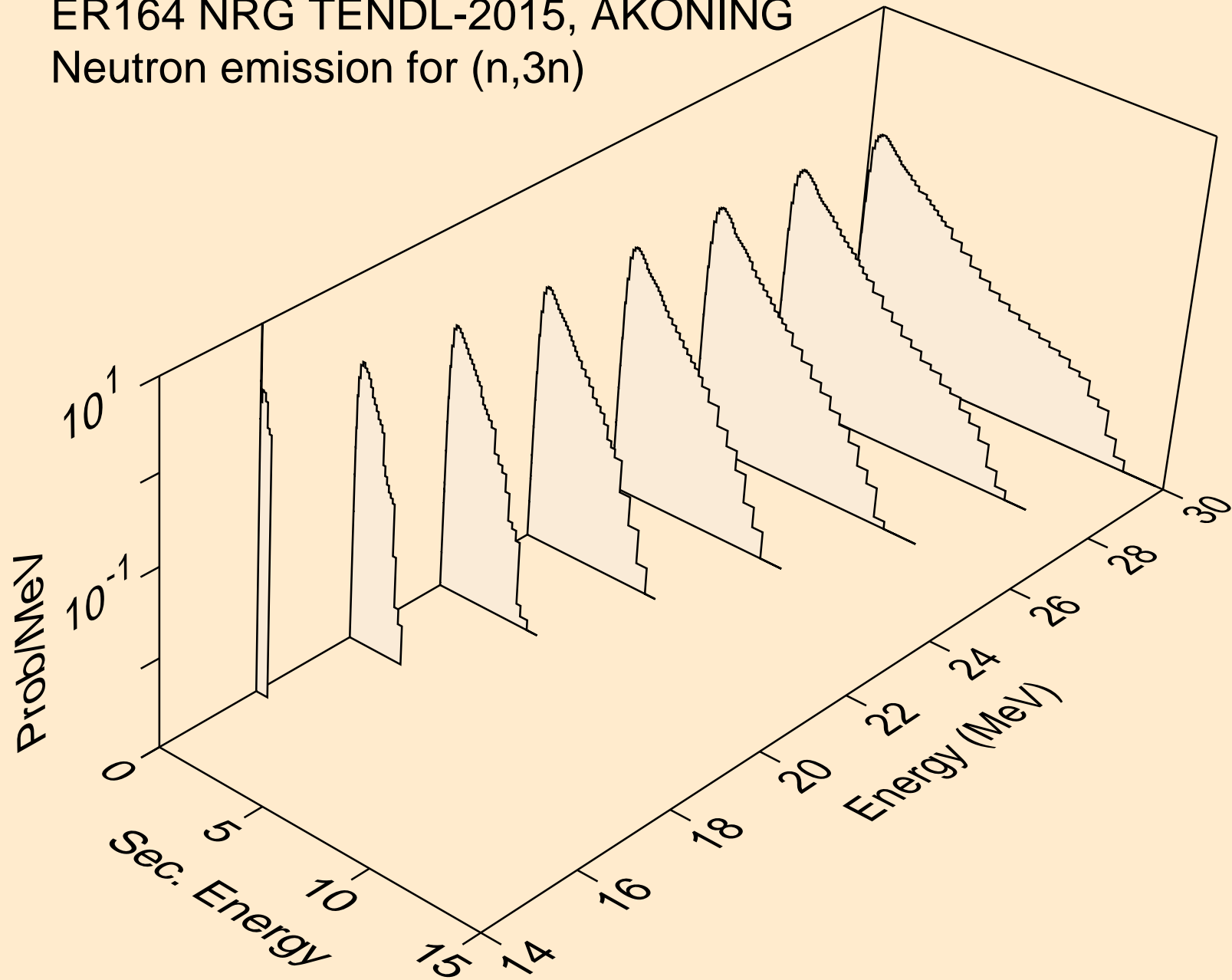
ER164 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



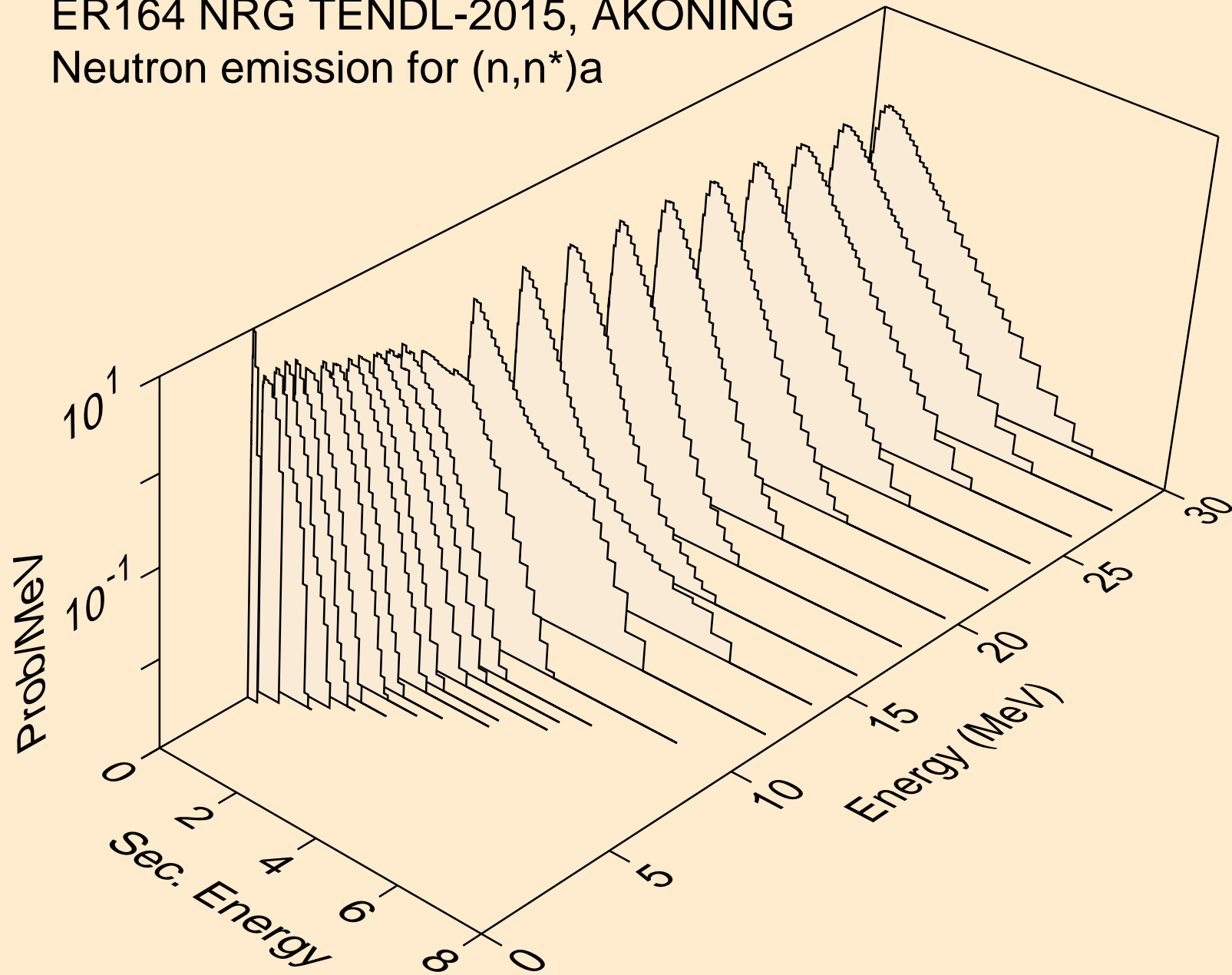
ER164 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



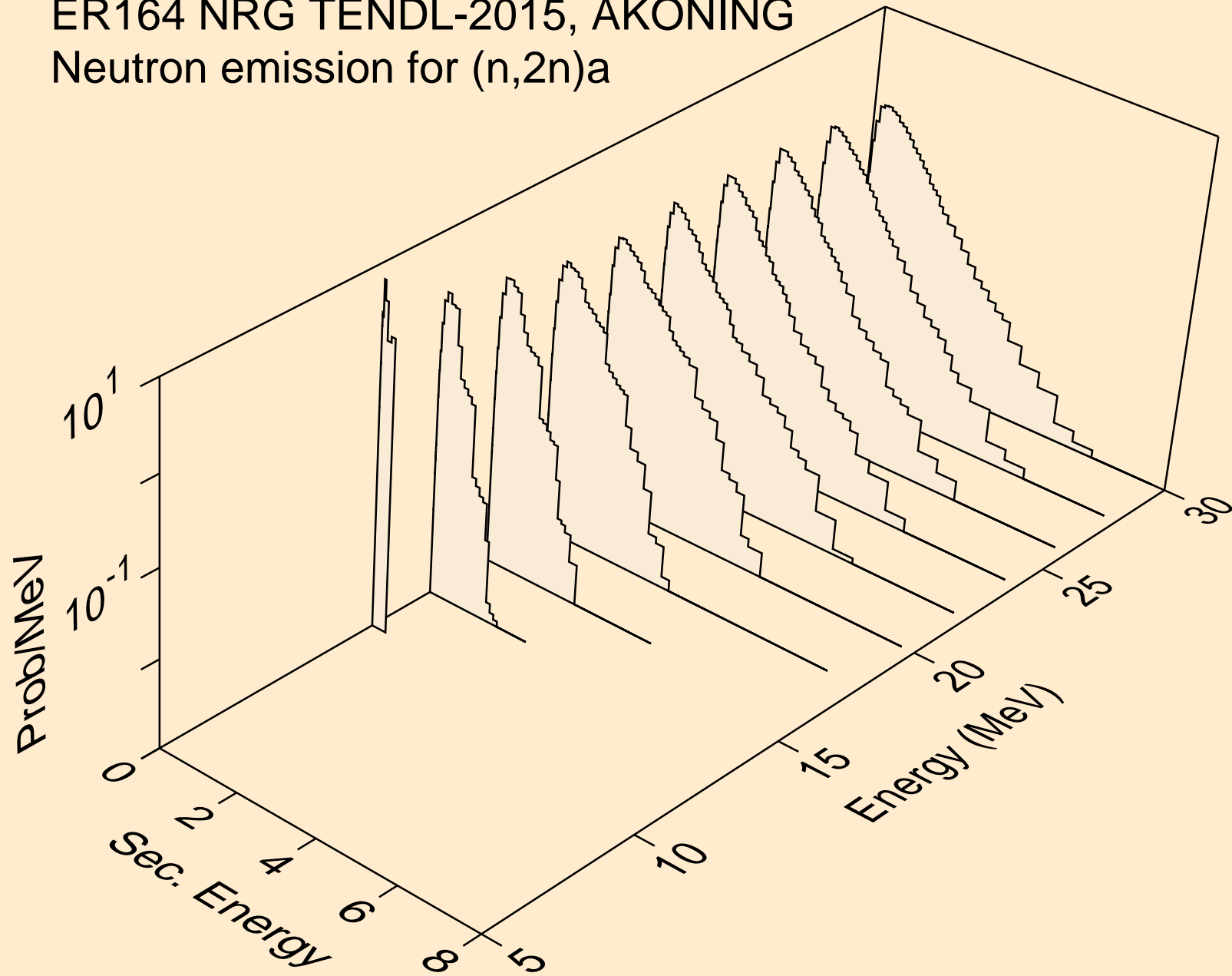
ER164 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



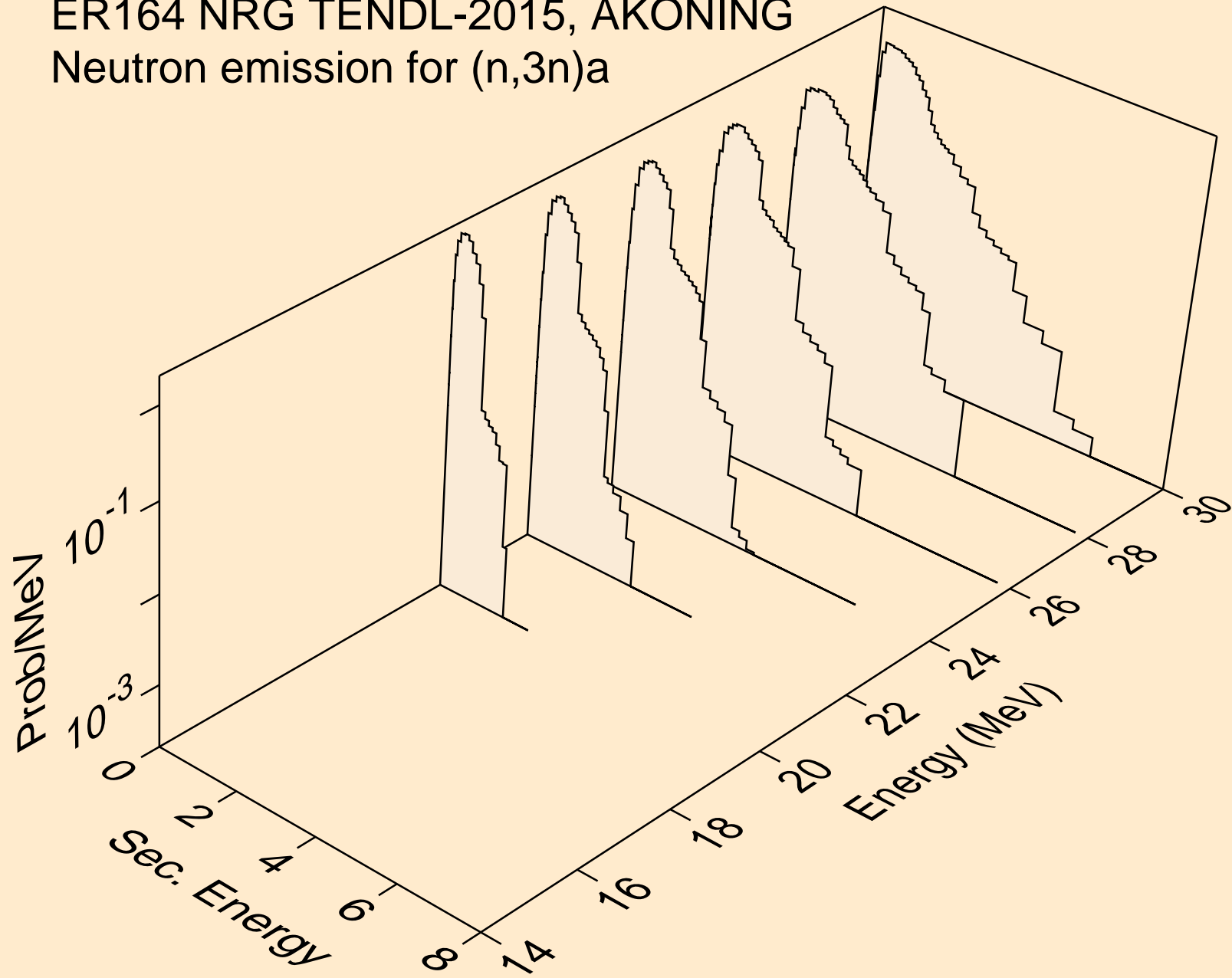
ER164 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



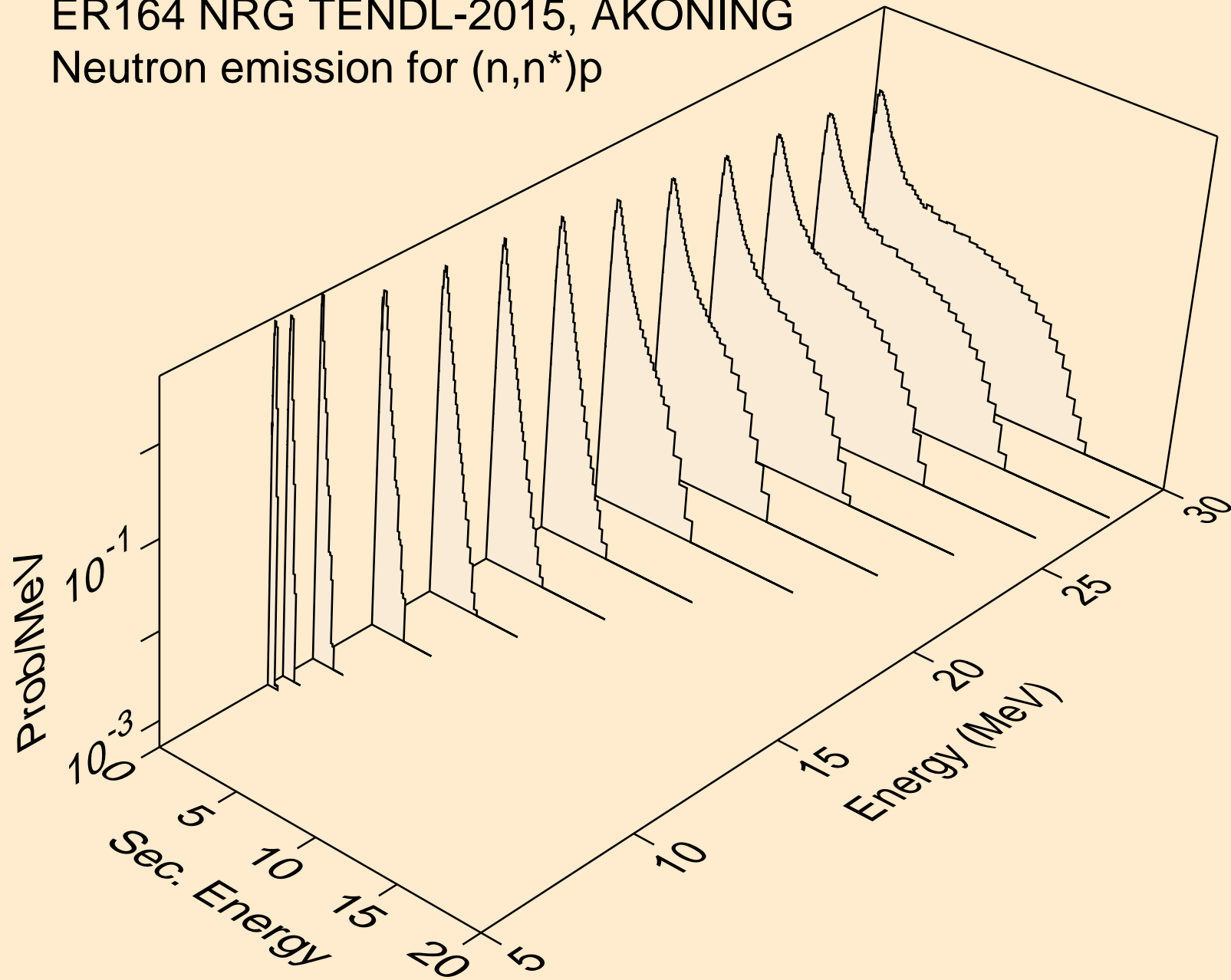
ER164 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)<sub>a</sub>



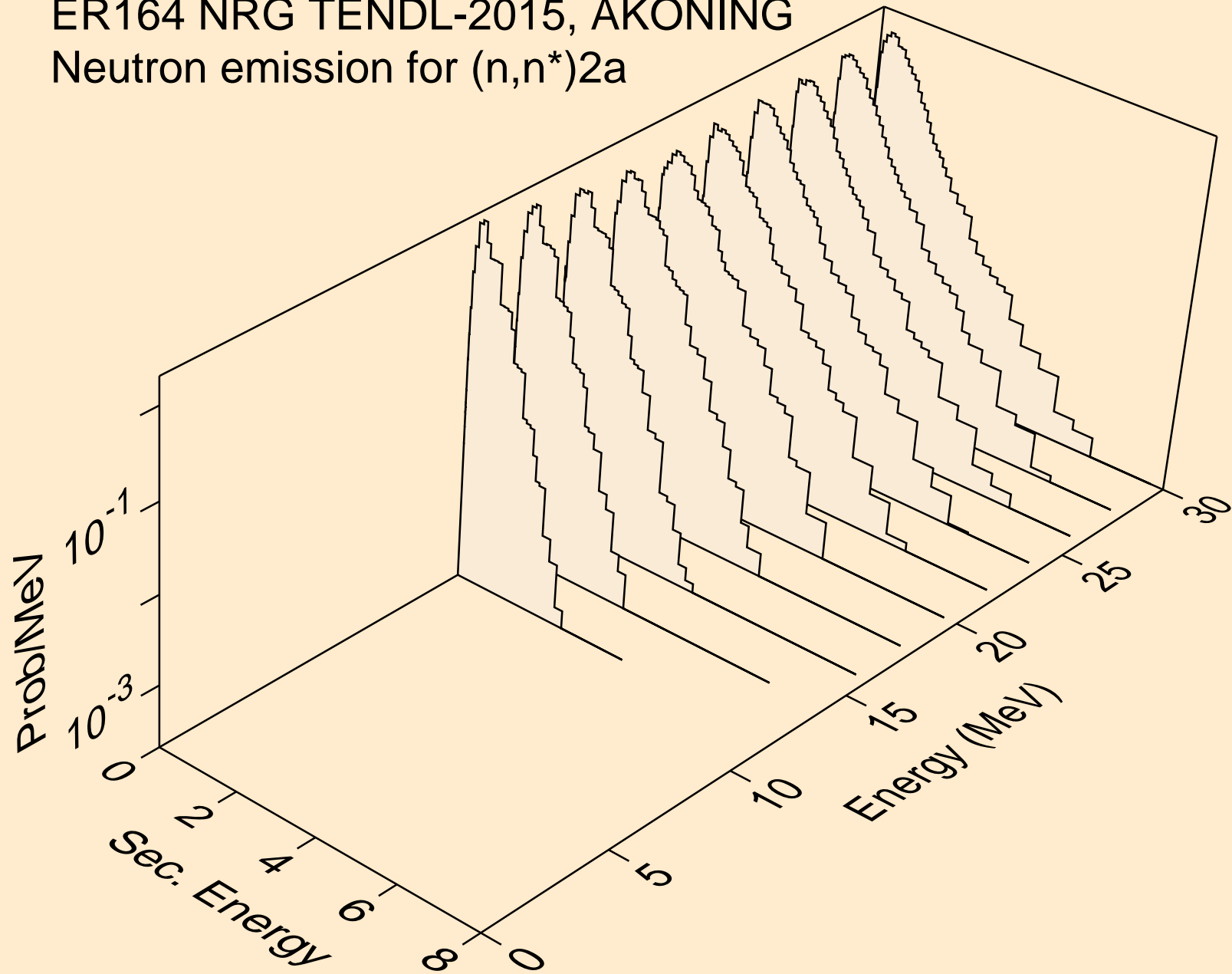
ER164 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



ER164 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

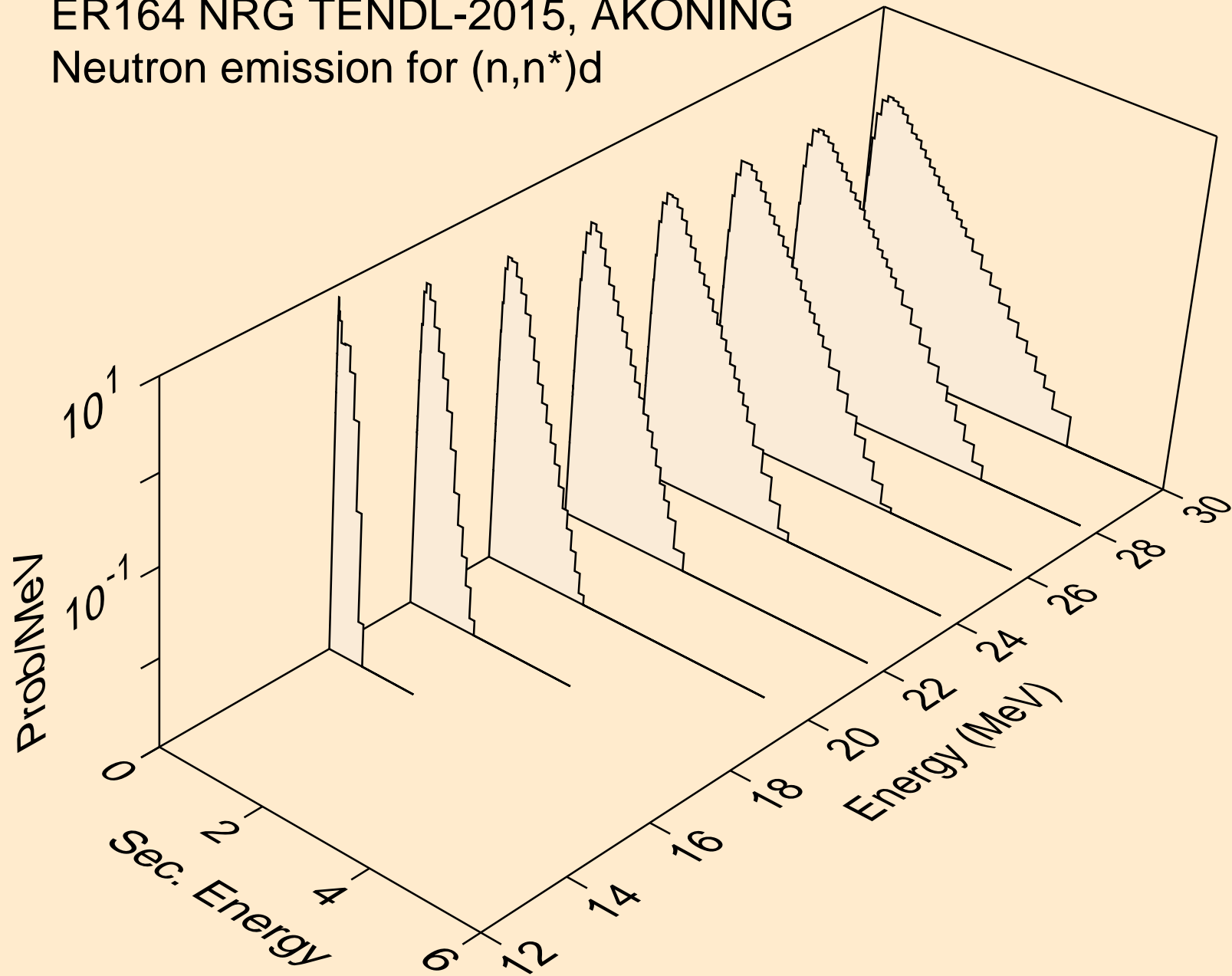


ER164 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

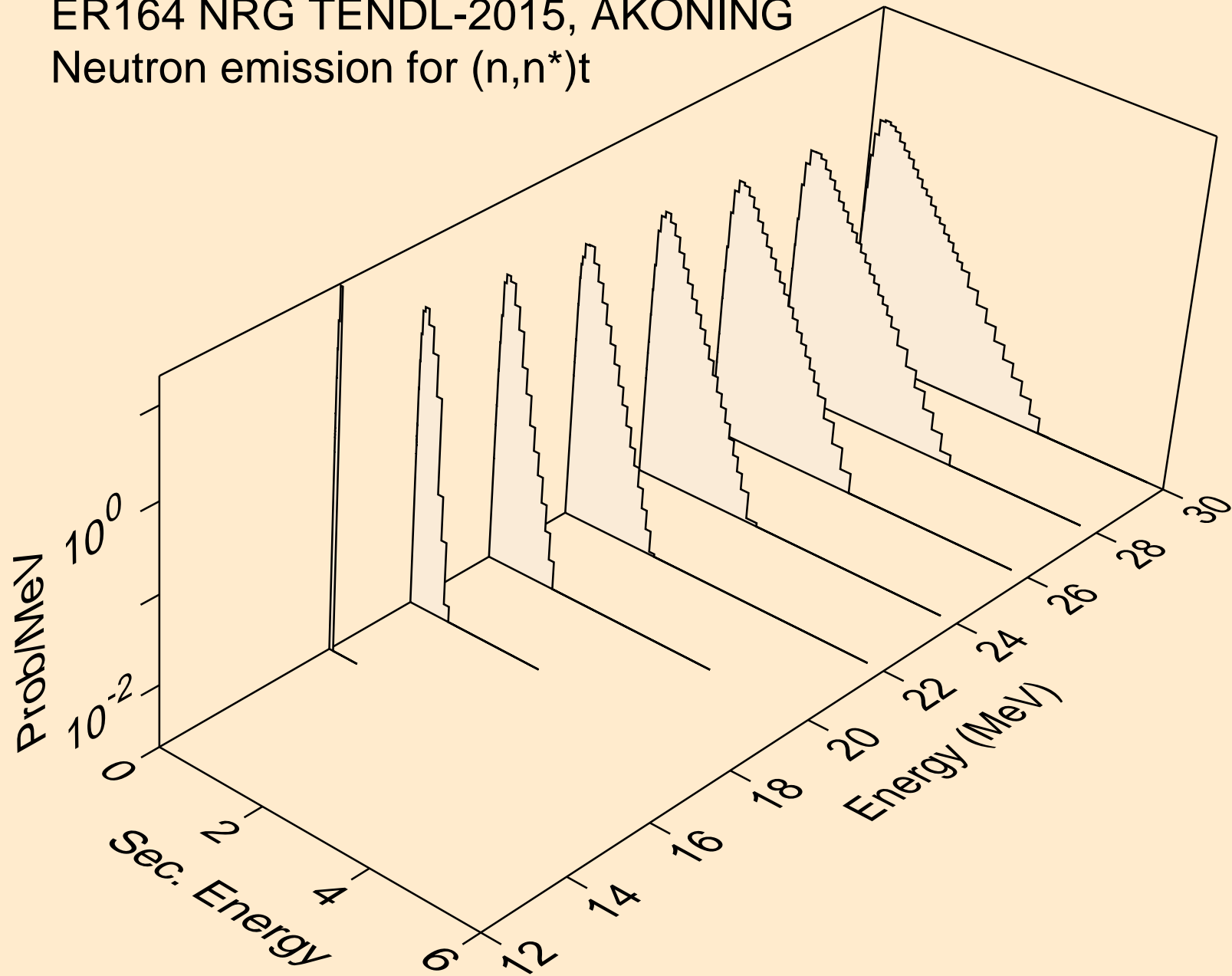




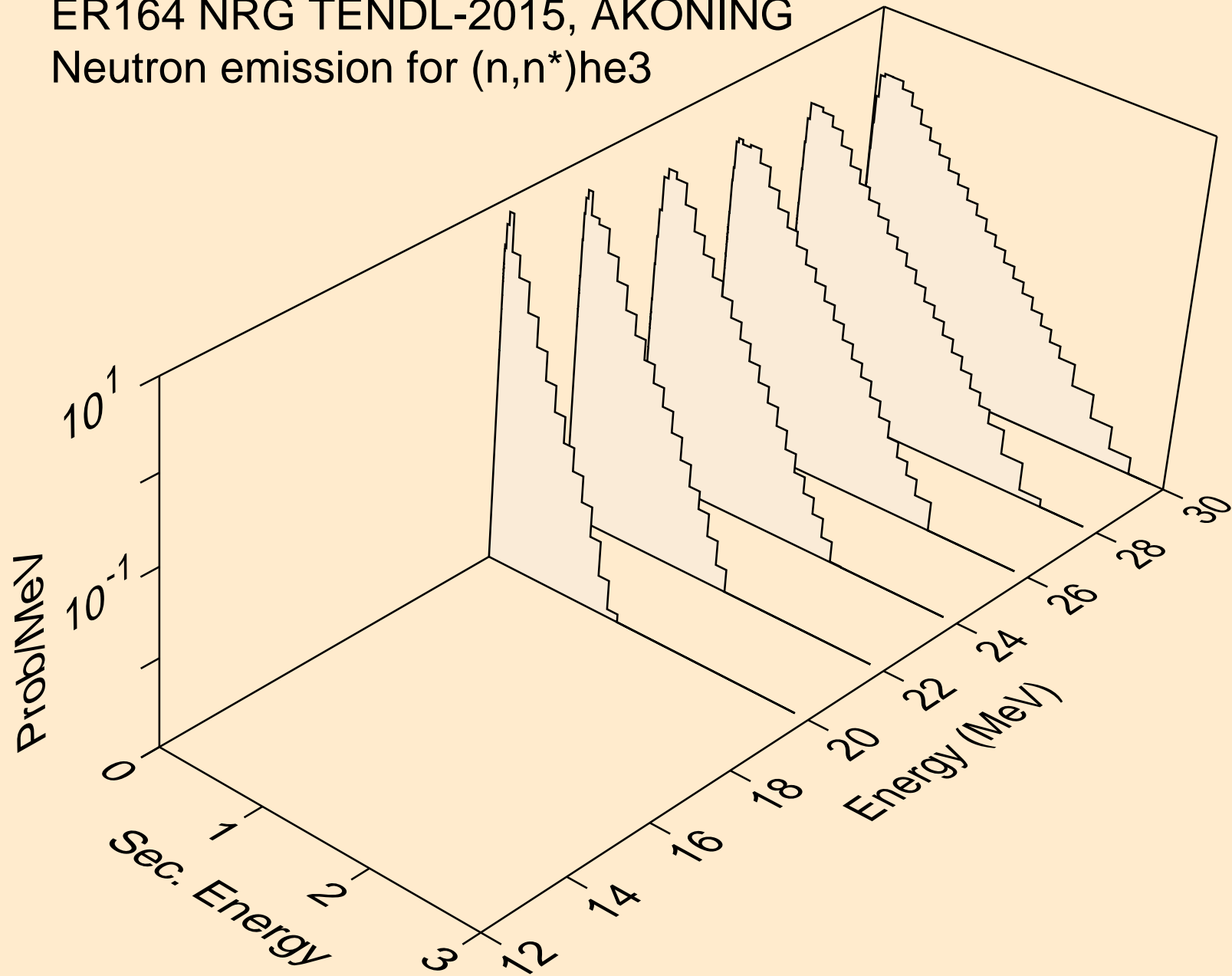
ER164 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



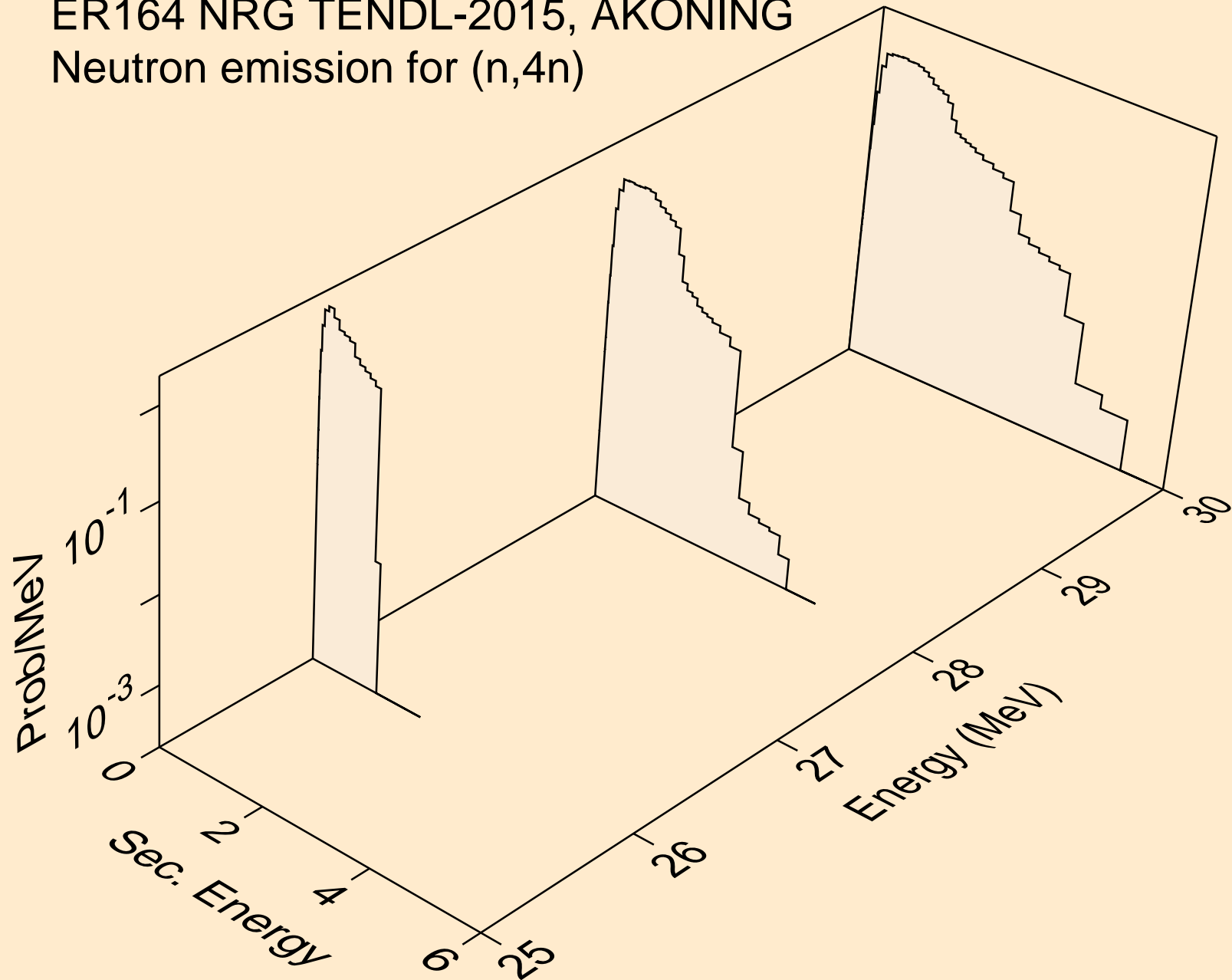
ER164 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



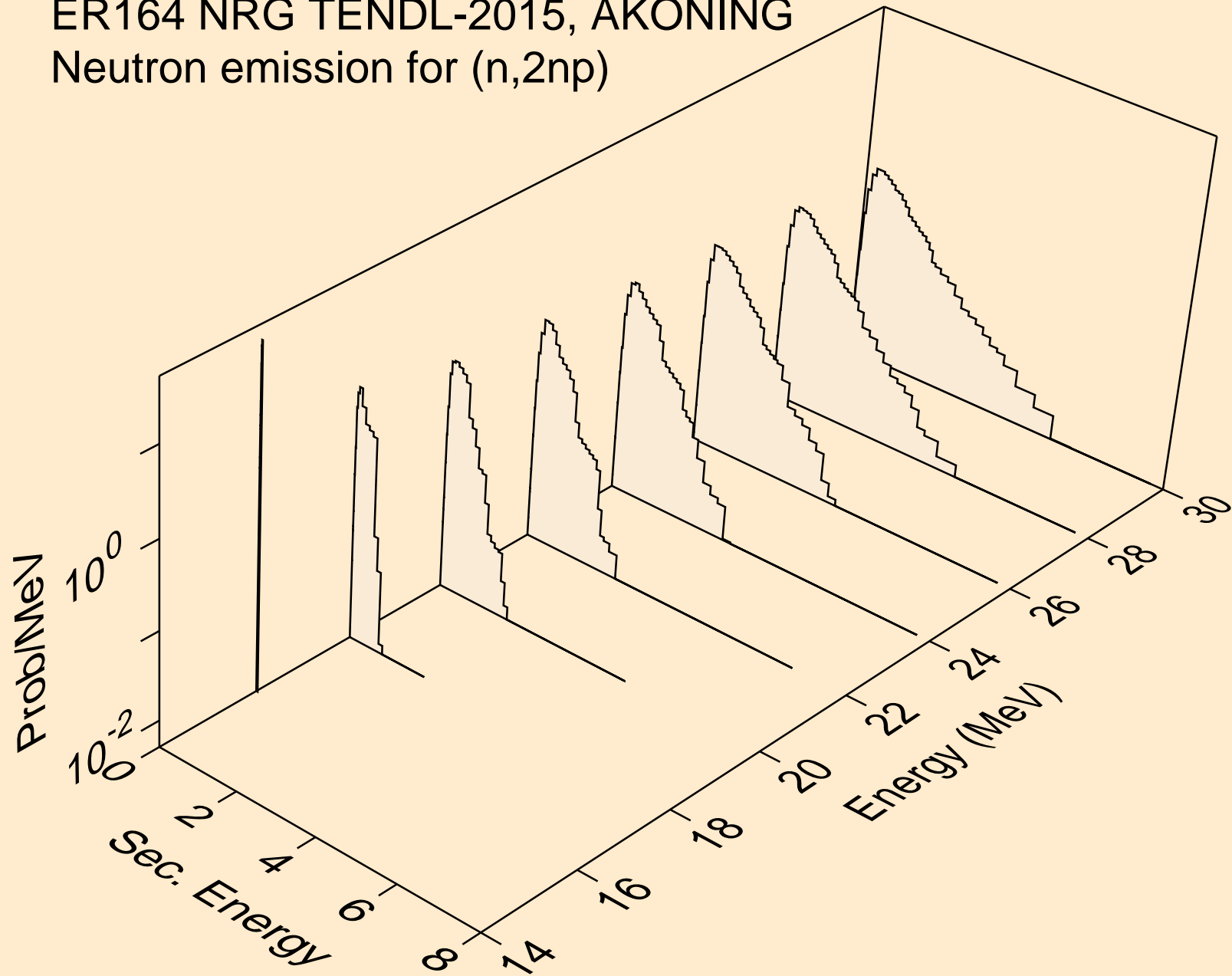
ER164 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



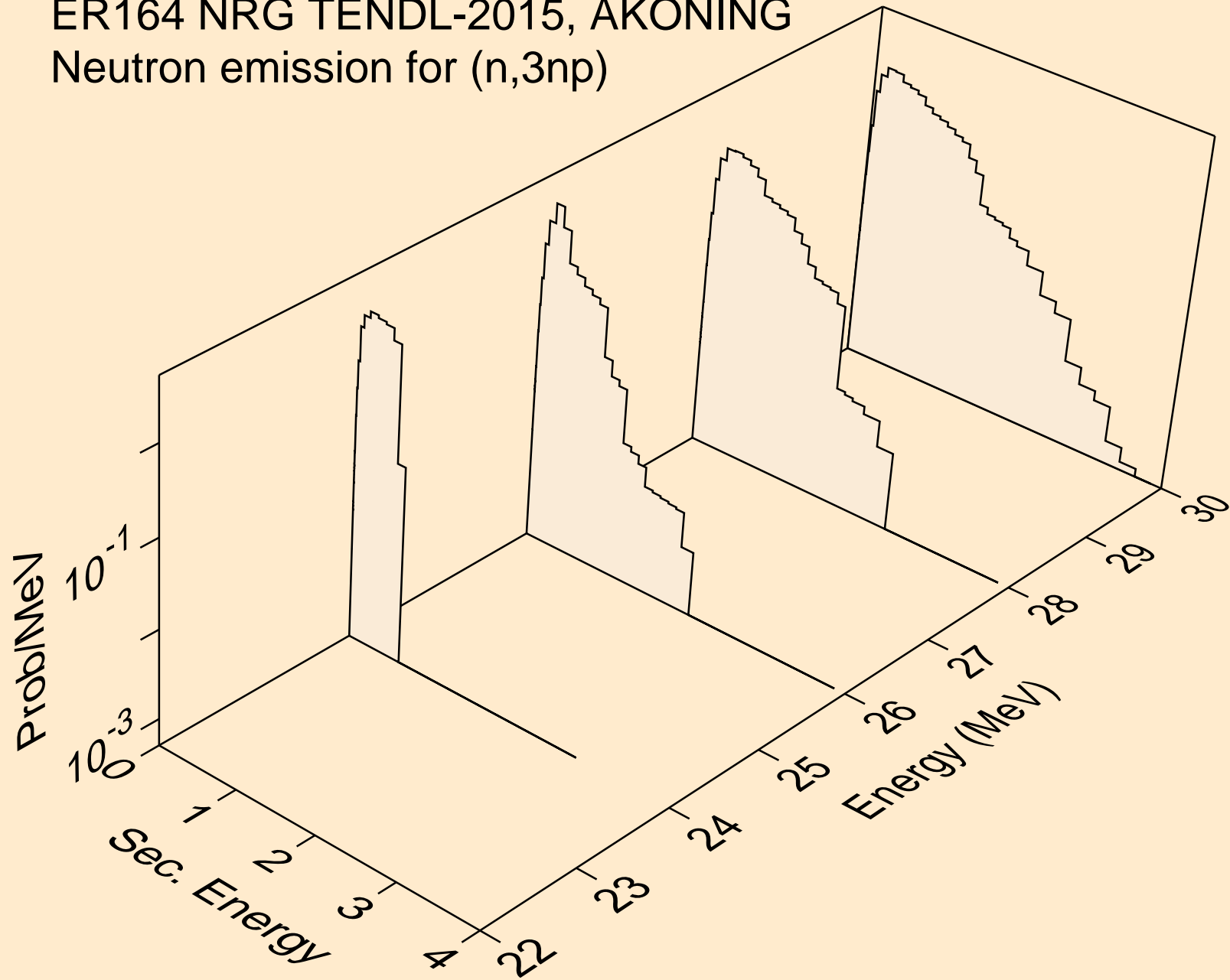
ER164 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



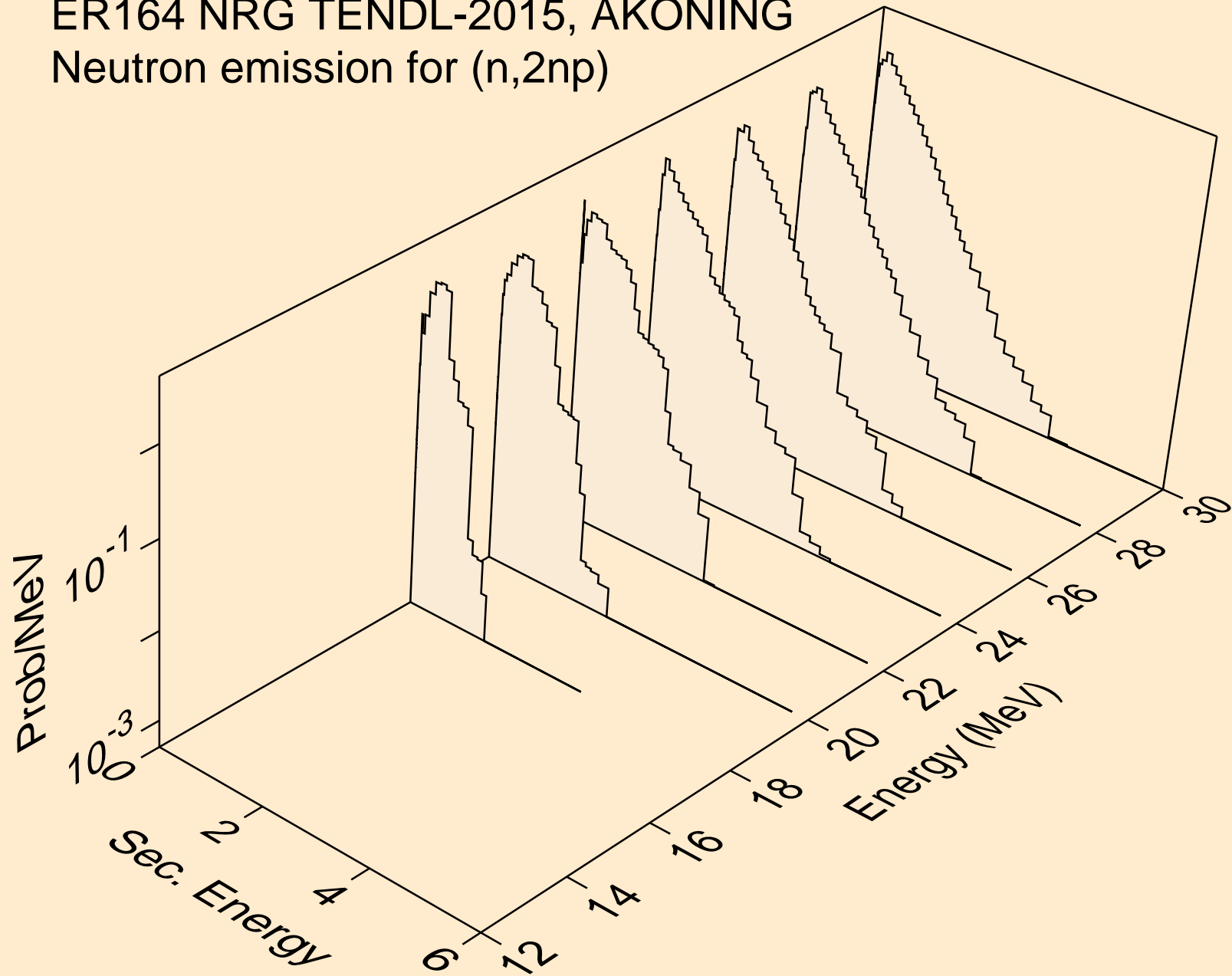
ER164 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



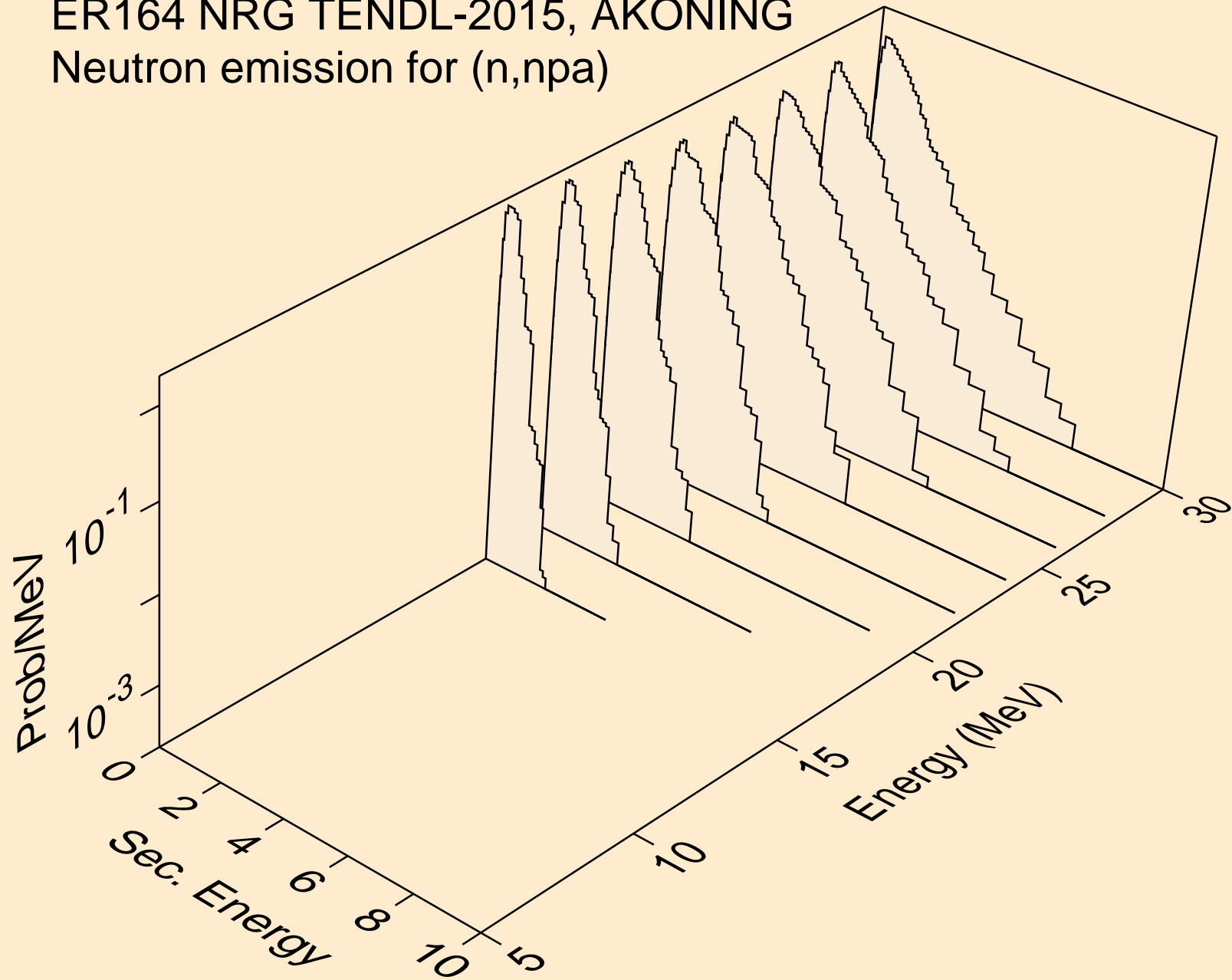
ER164 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



ER164 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

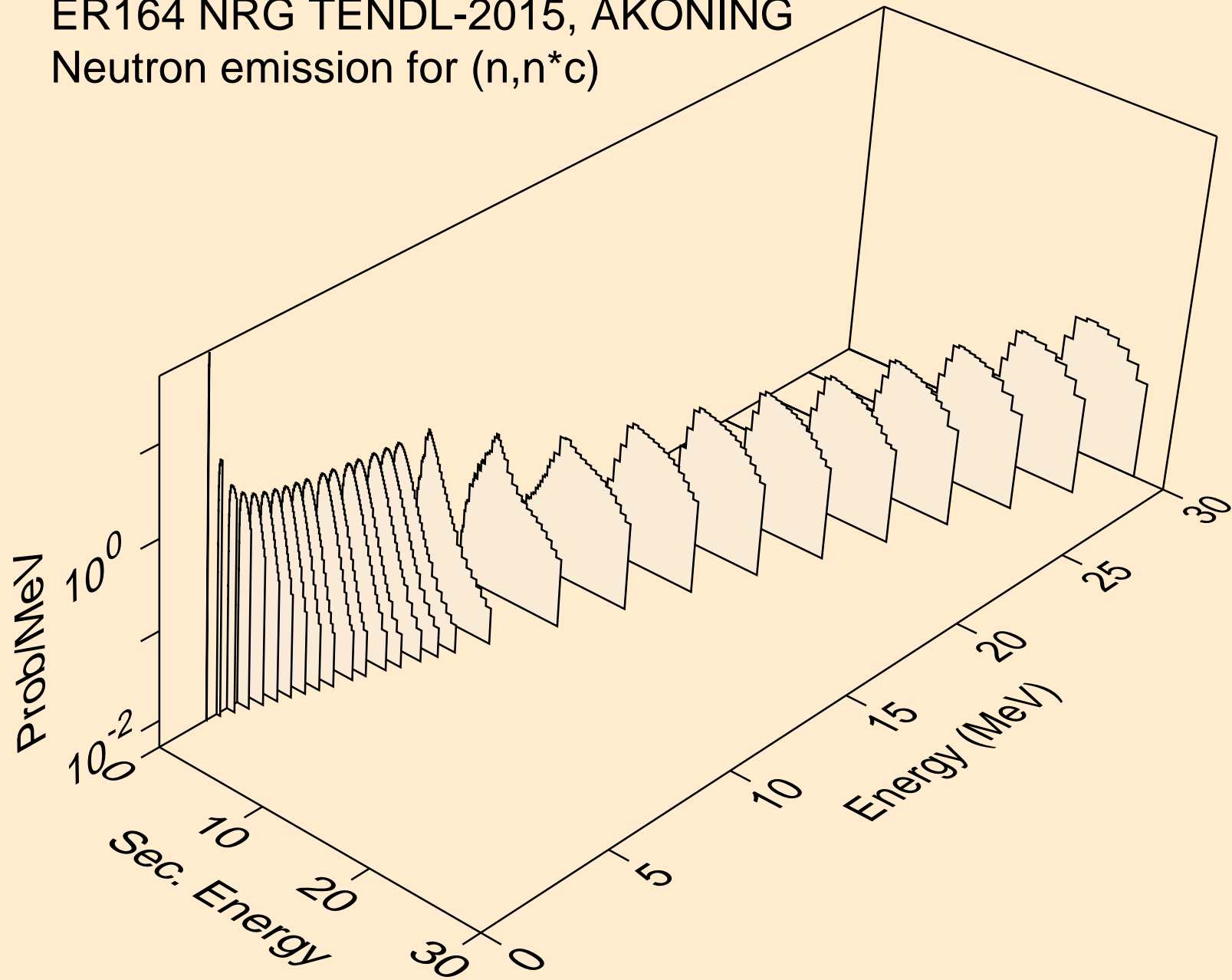


ER164 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

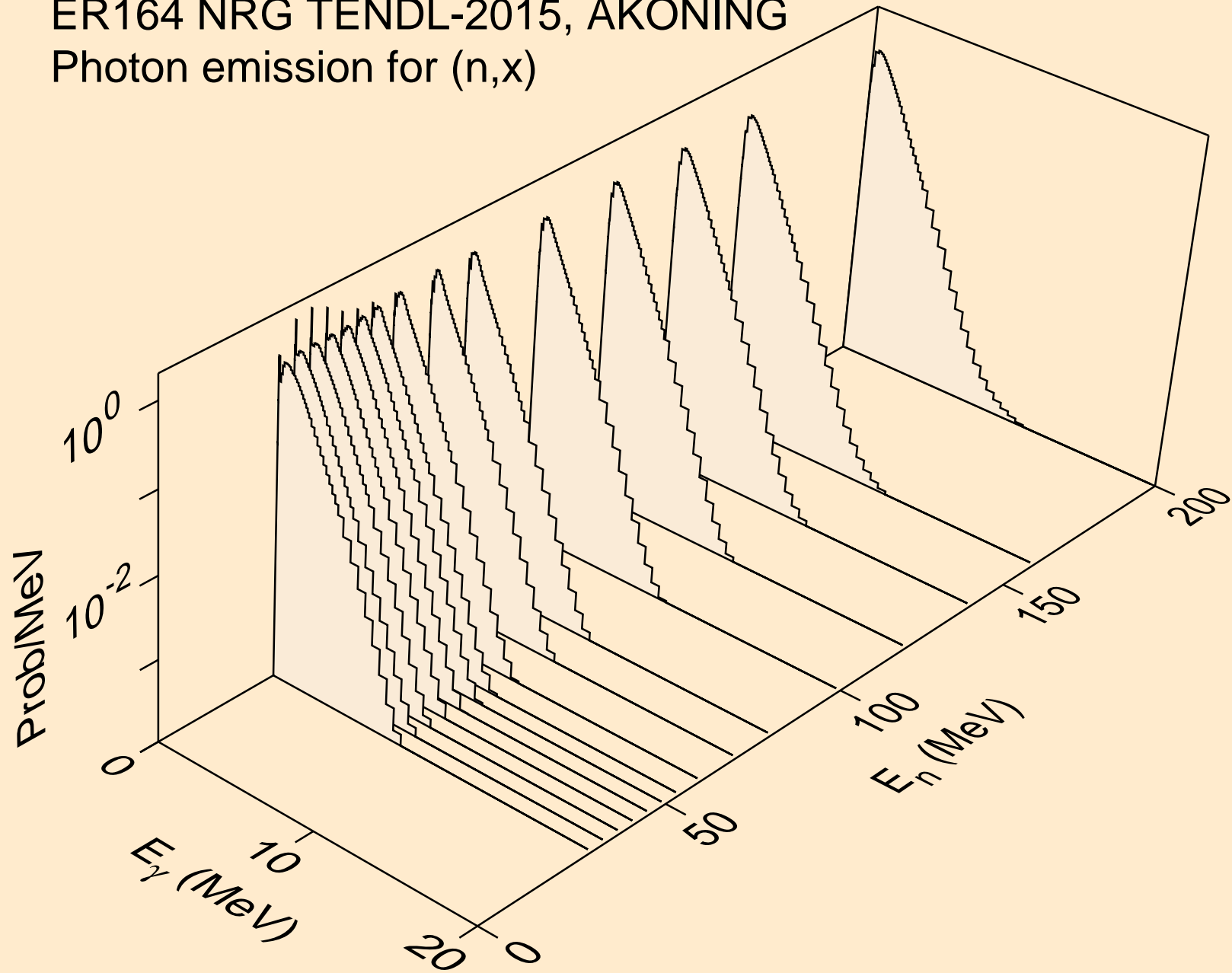




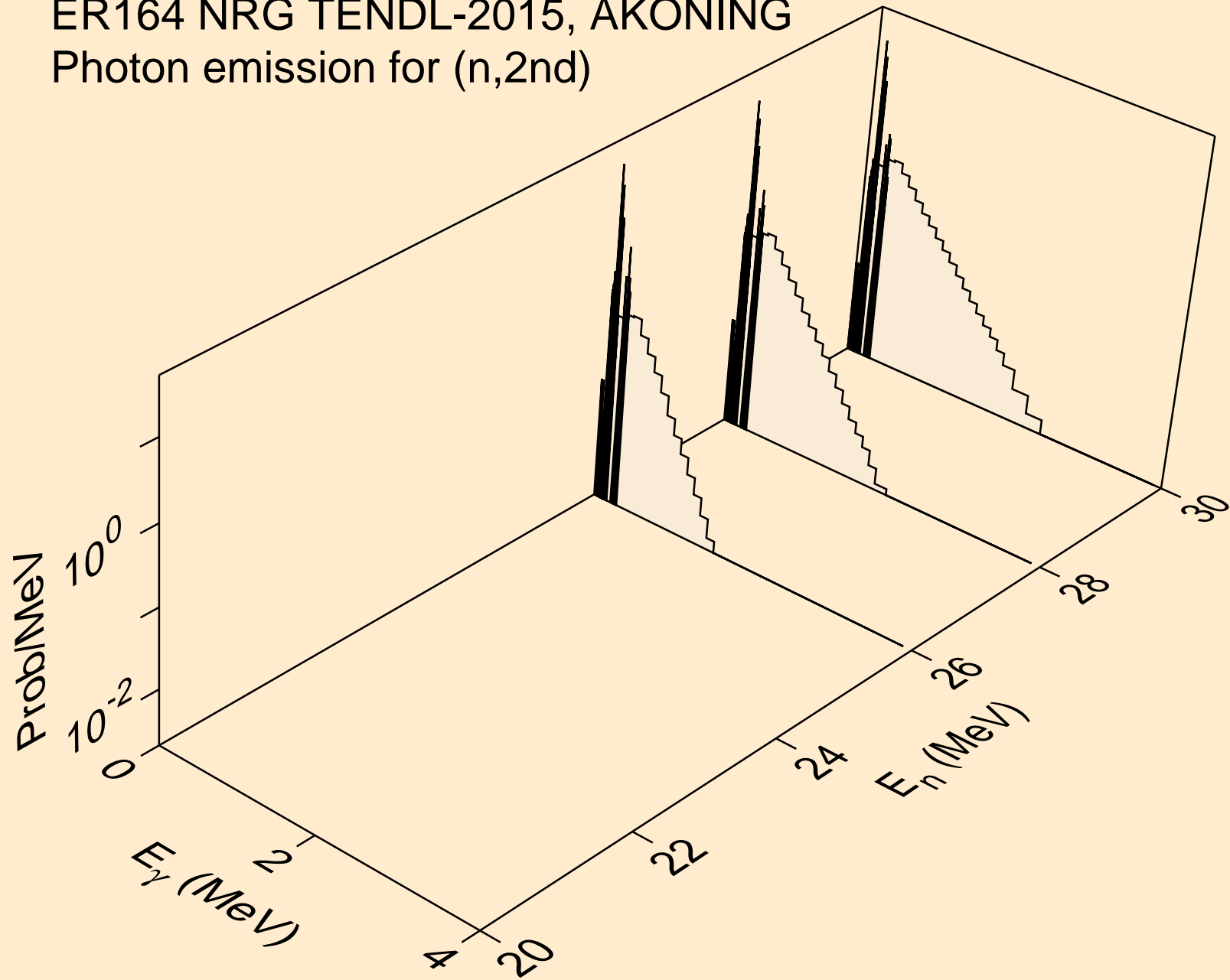
ER164 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



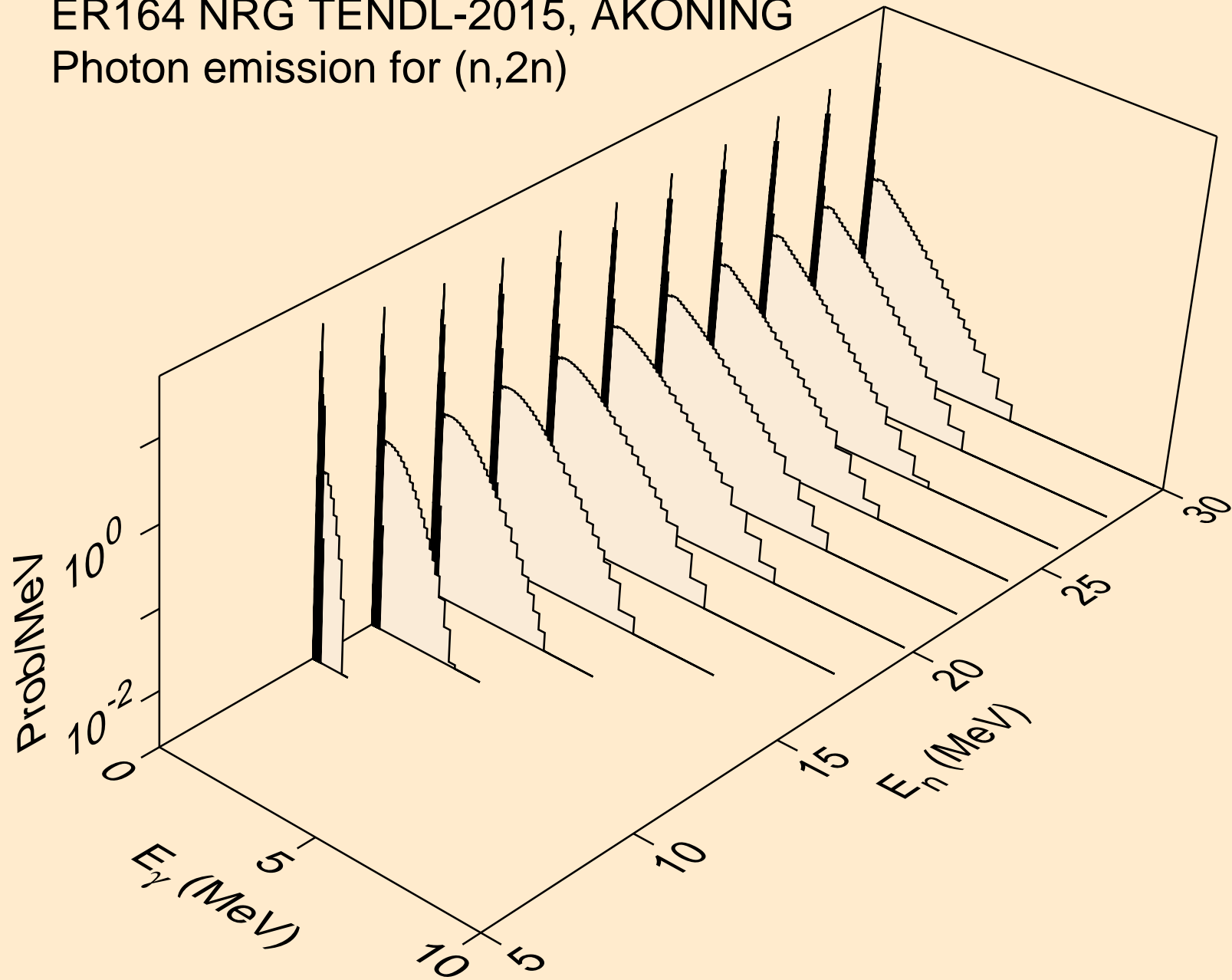
ER164 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



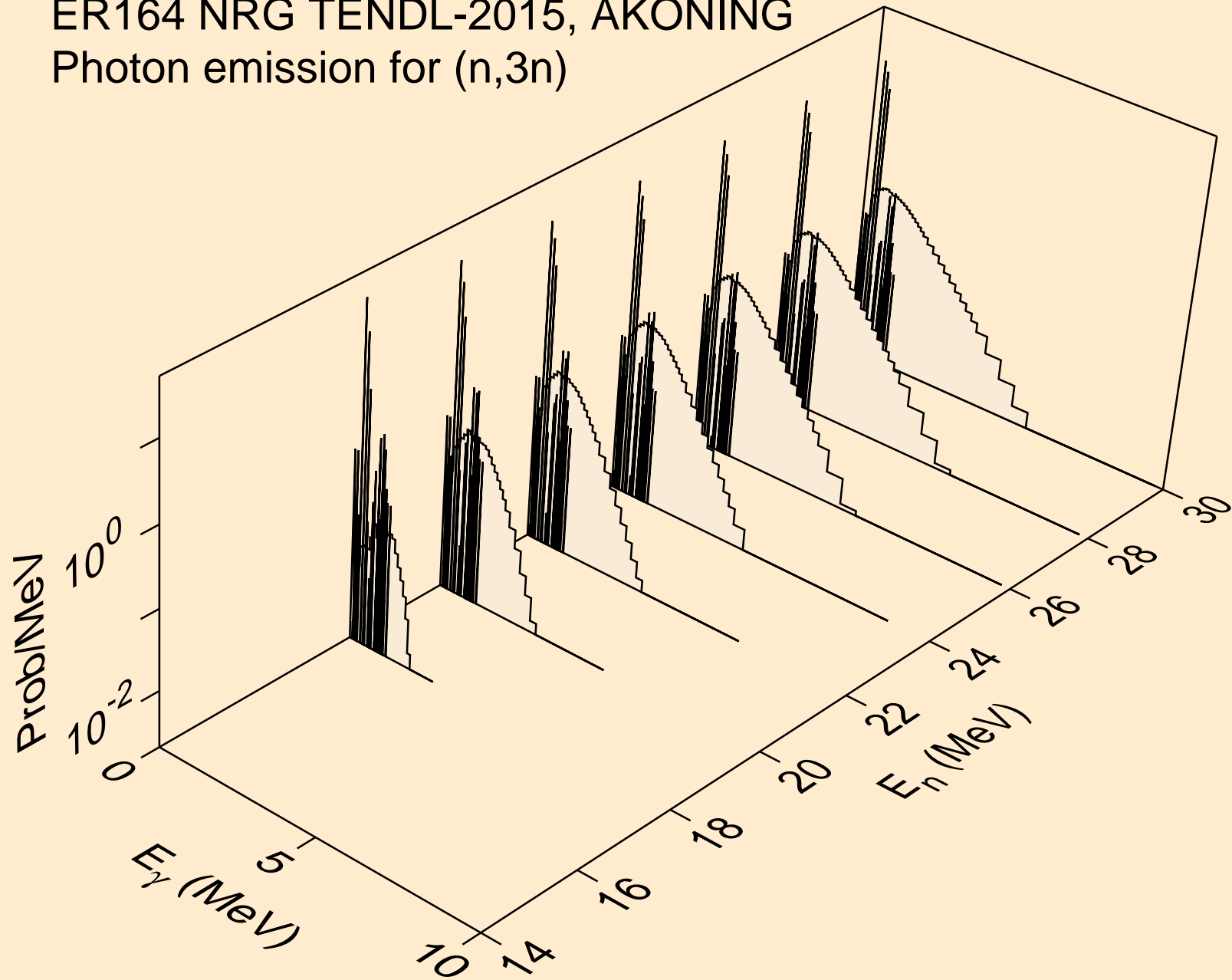
ER164 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



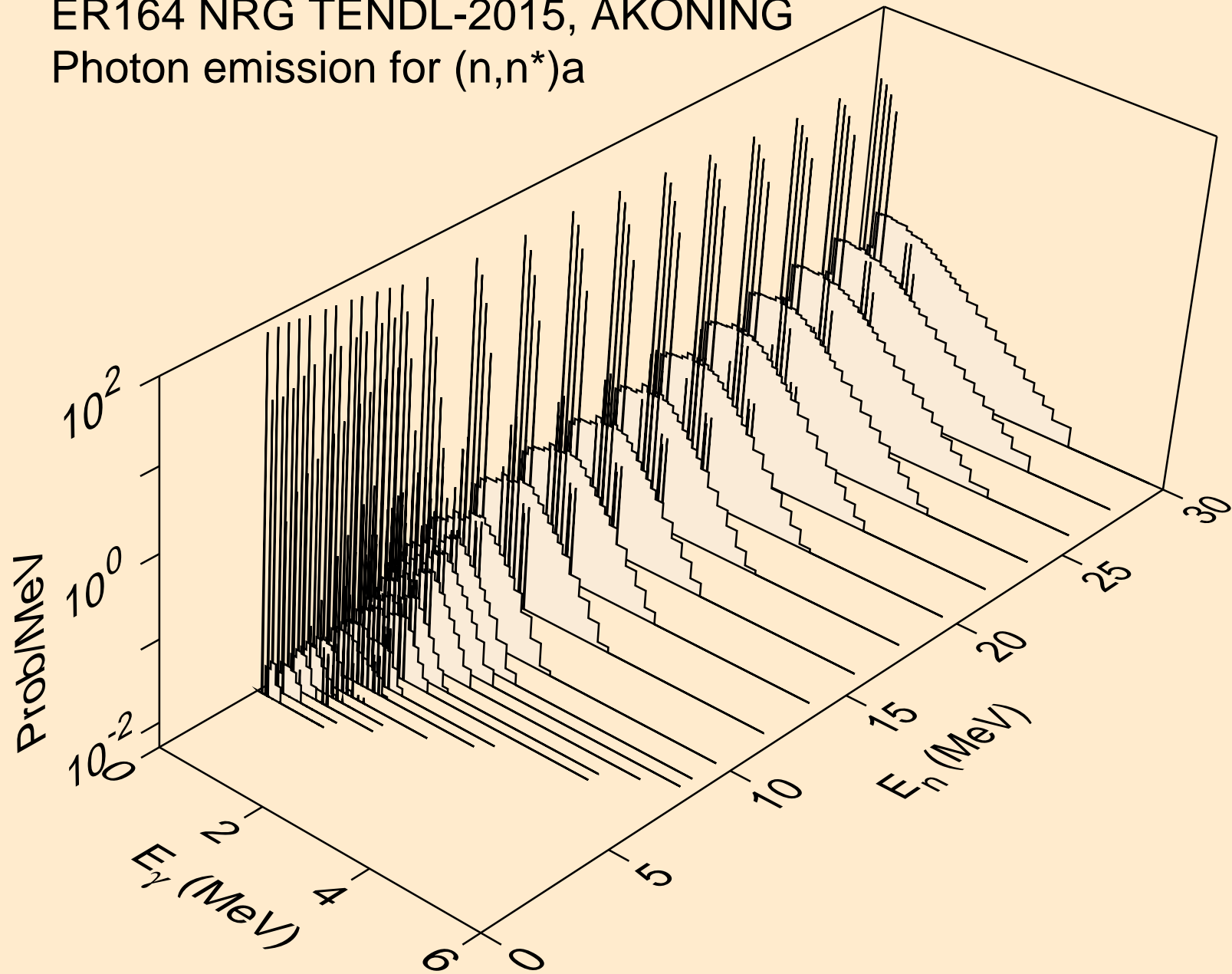
ER164 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



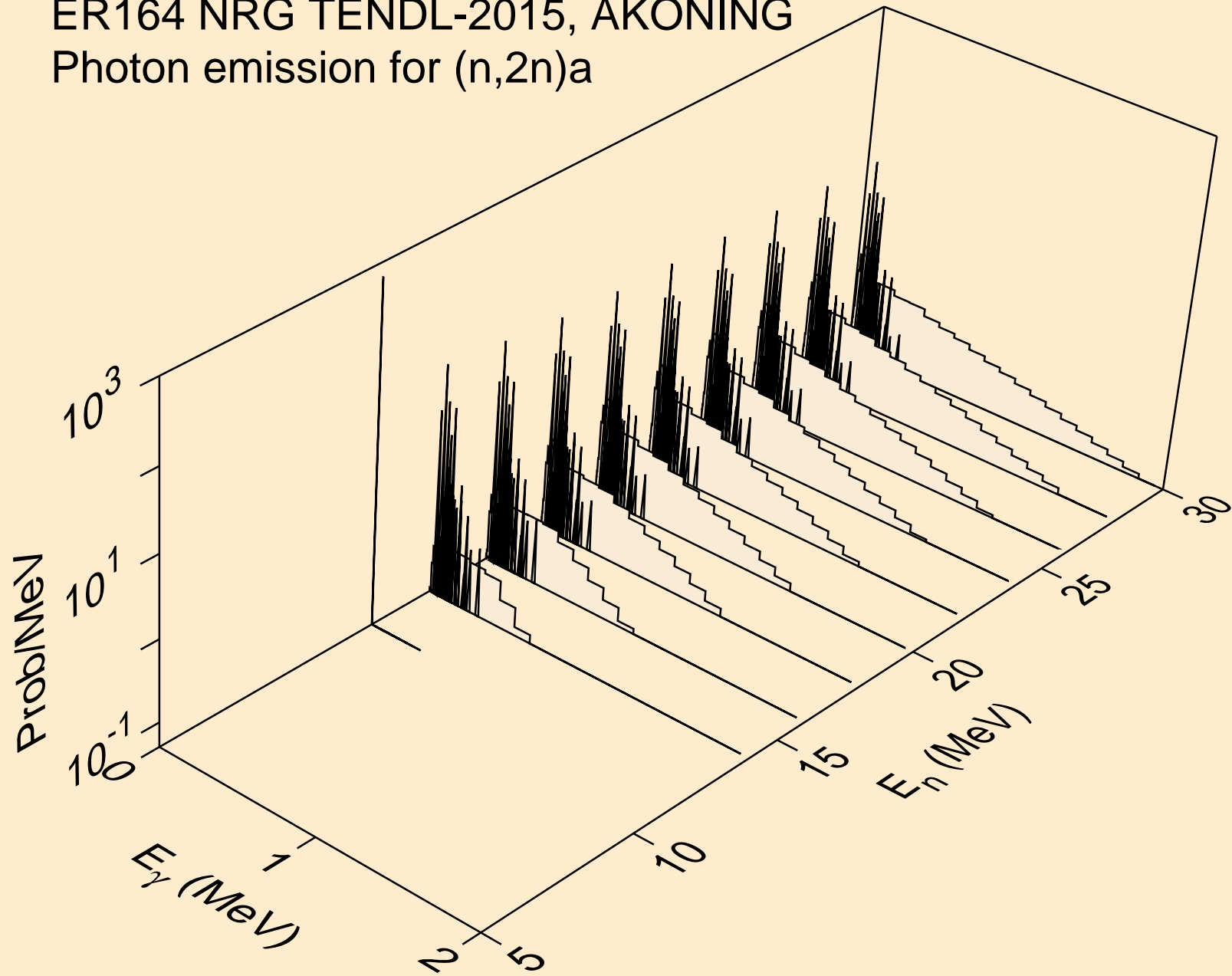
ER164 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



ER164 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

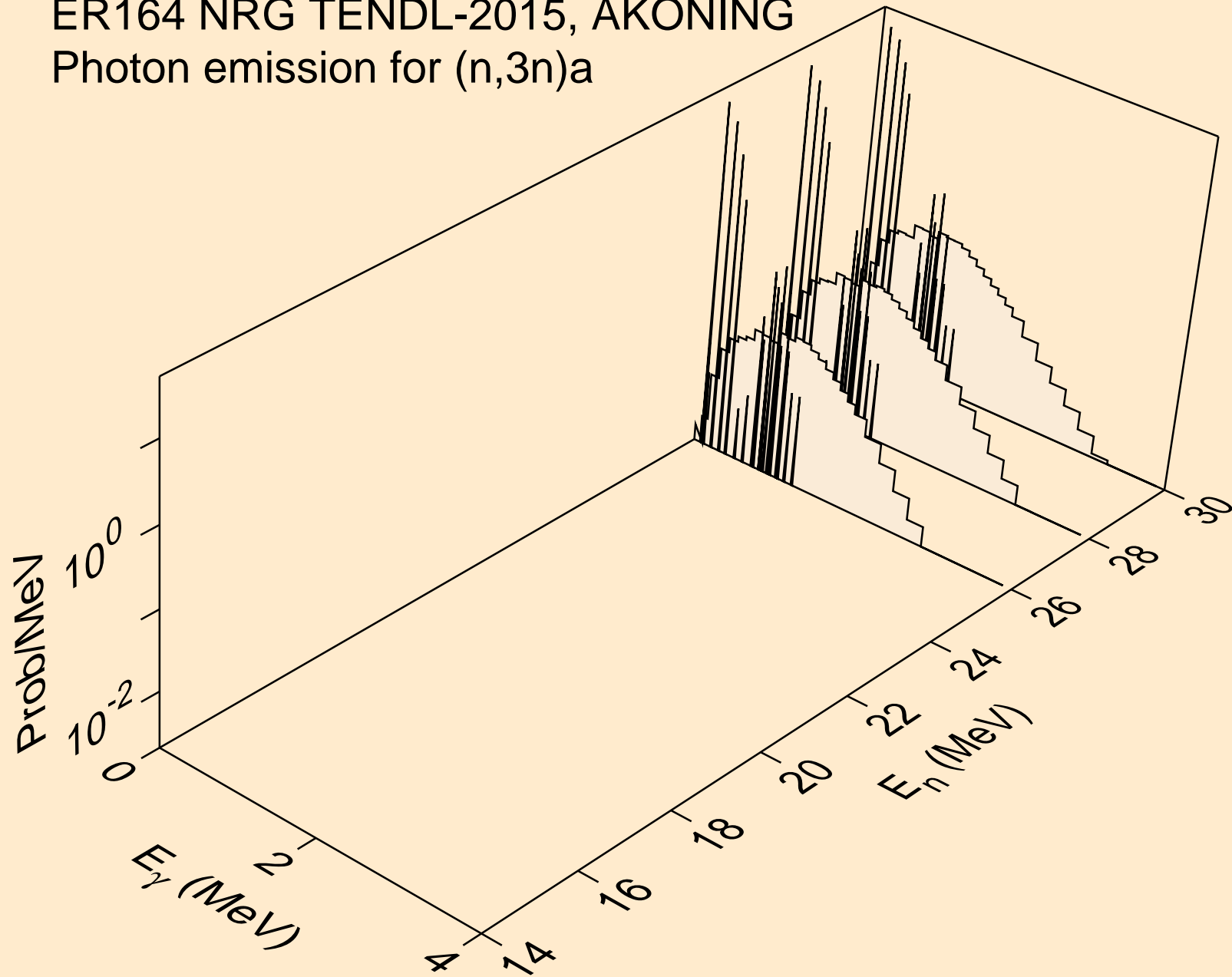


ER164 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



ER164 NRG TENDL-2015, AKONING

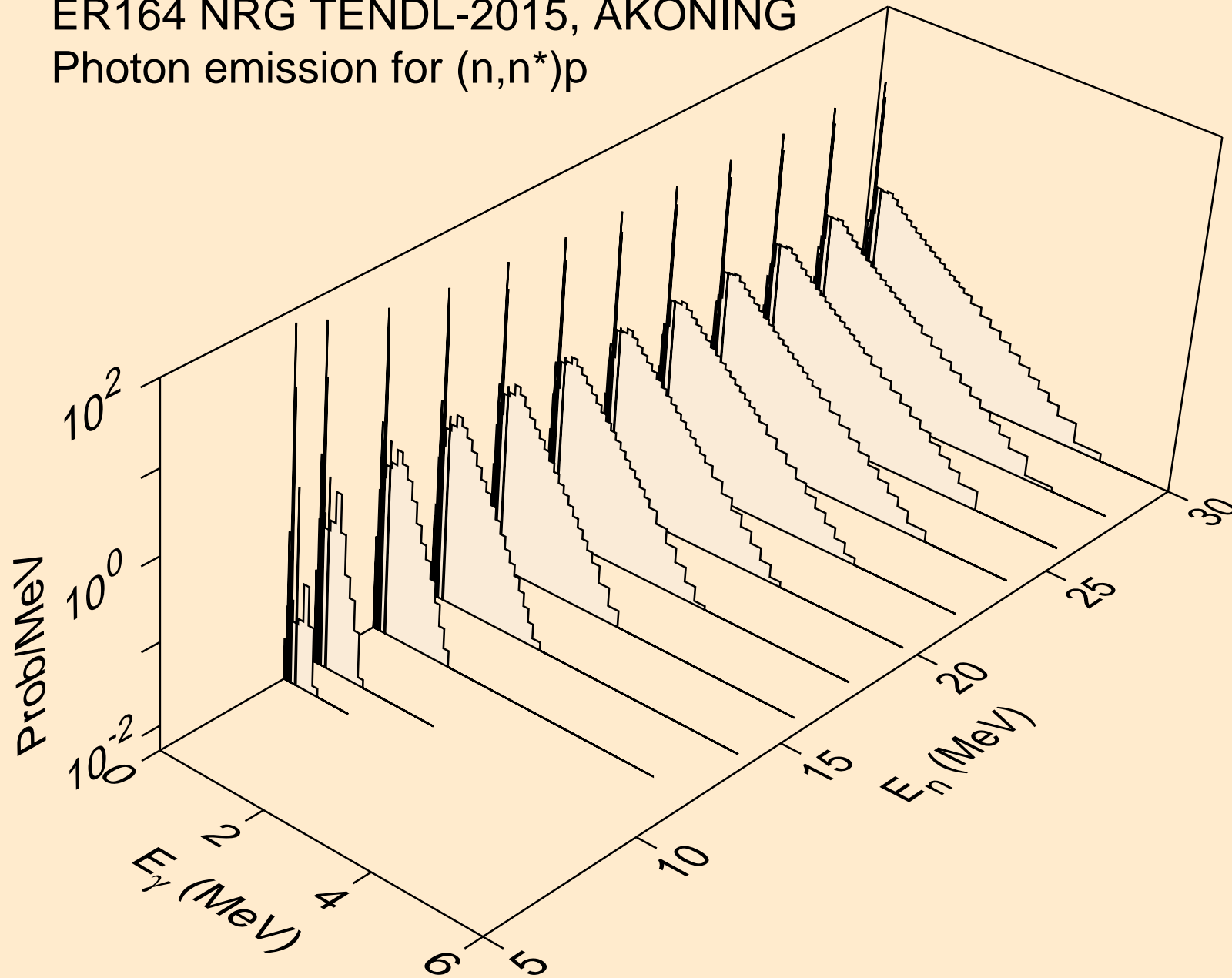
Photon emission for (n,3n)a



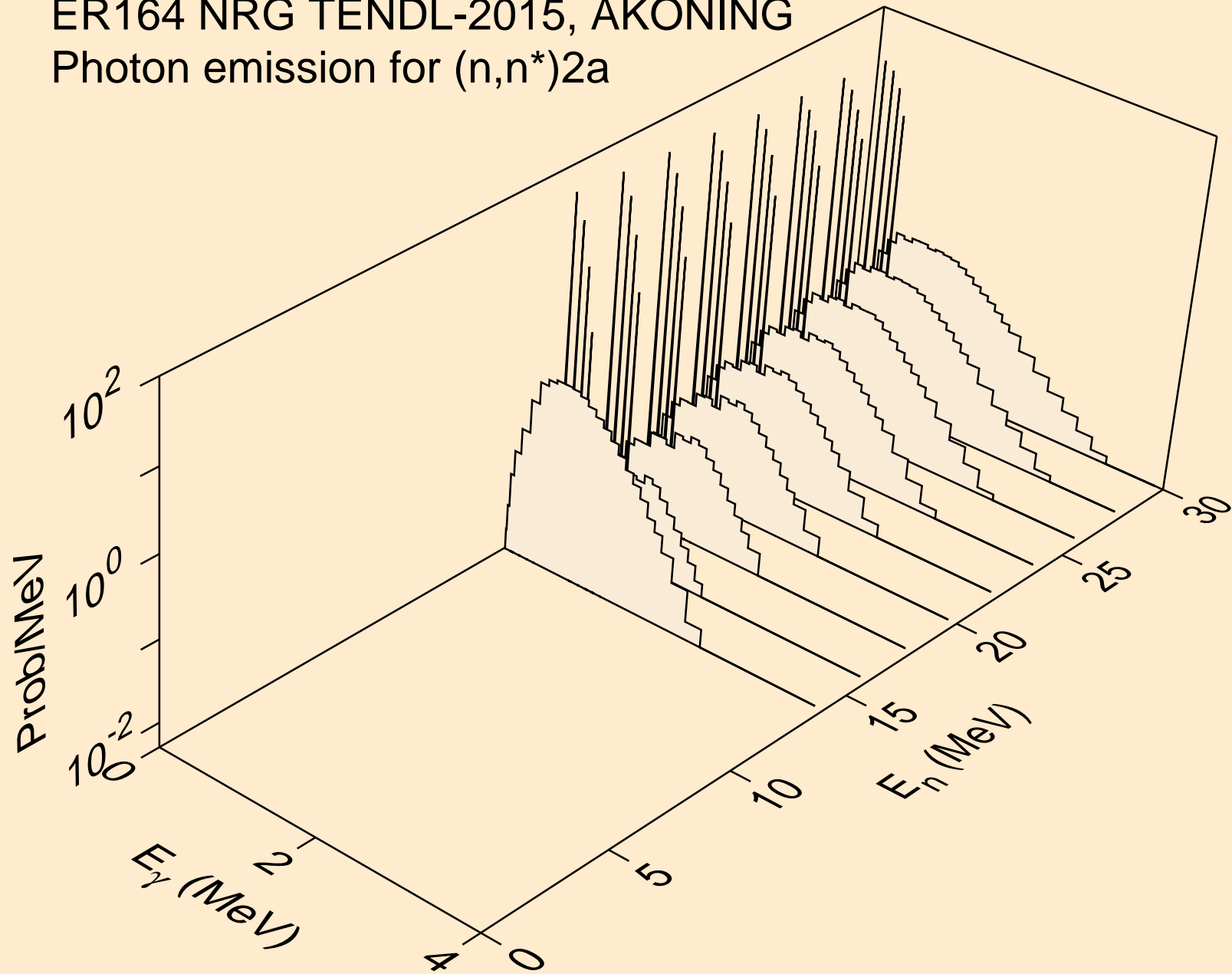


# ER164 NRG TENDL-2015, AKONING

Photon emission for (n,n\*)p

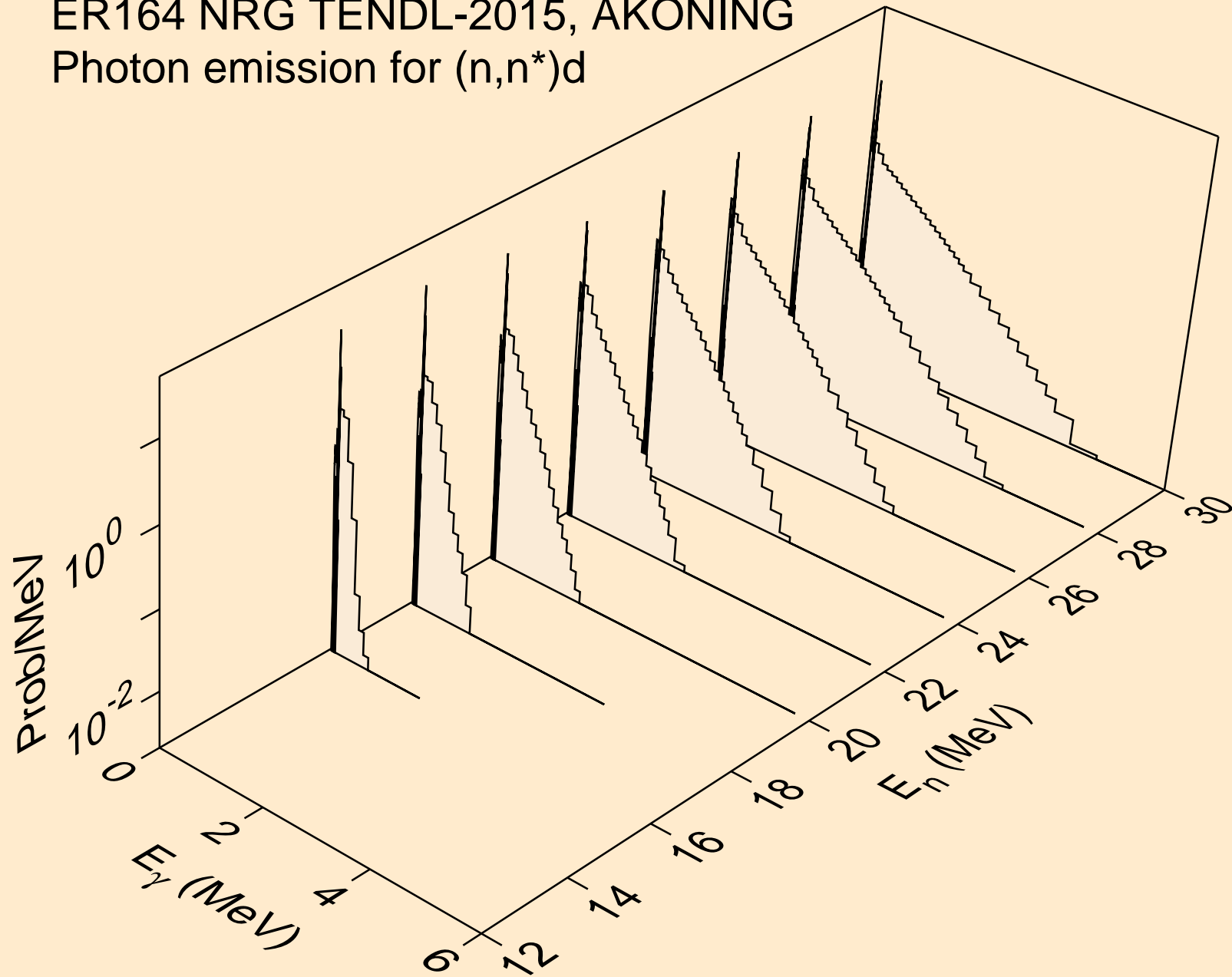


ER164 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a

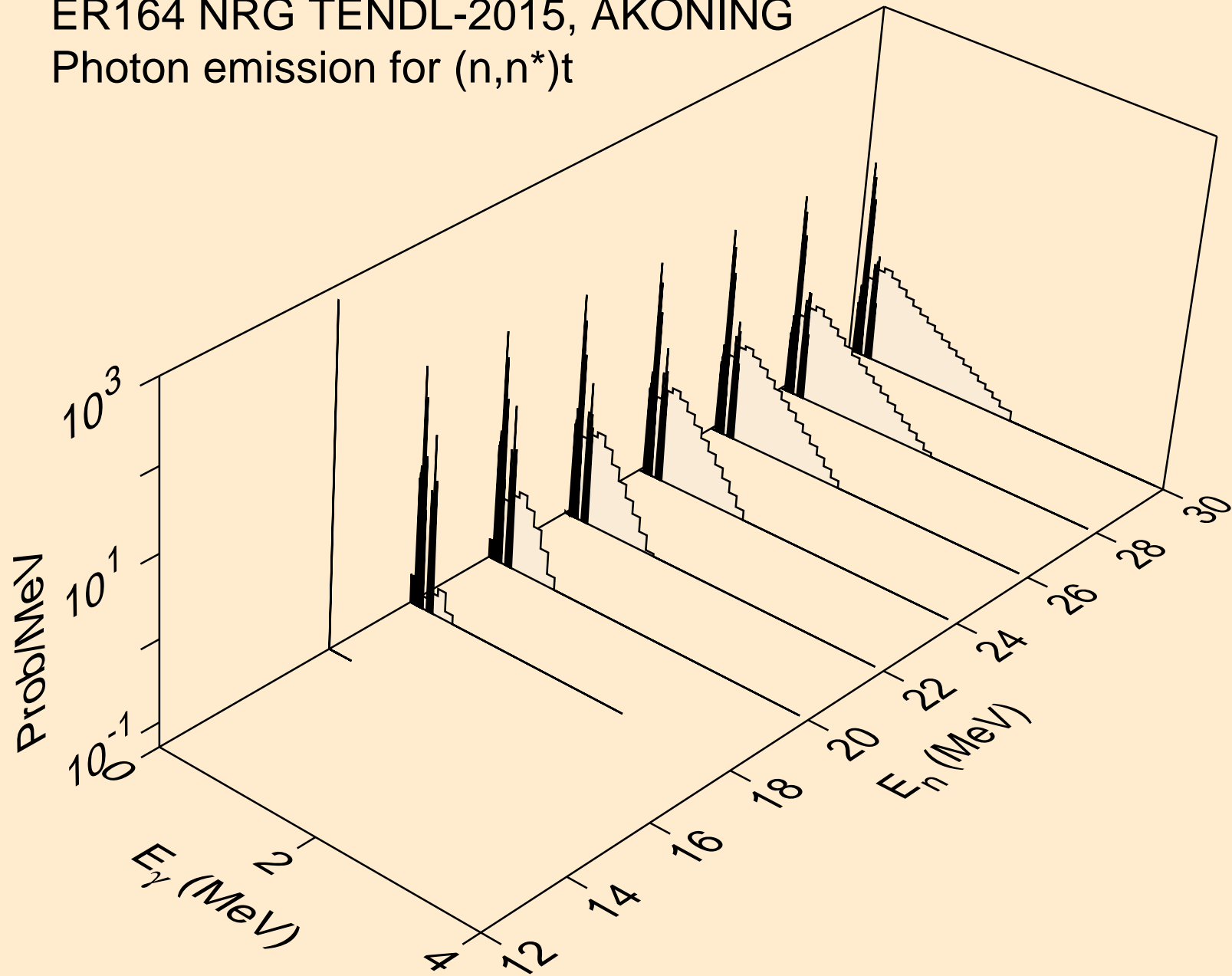


ER164 NRG TENDL-2015, AKONING

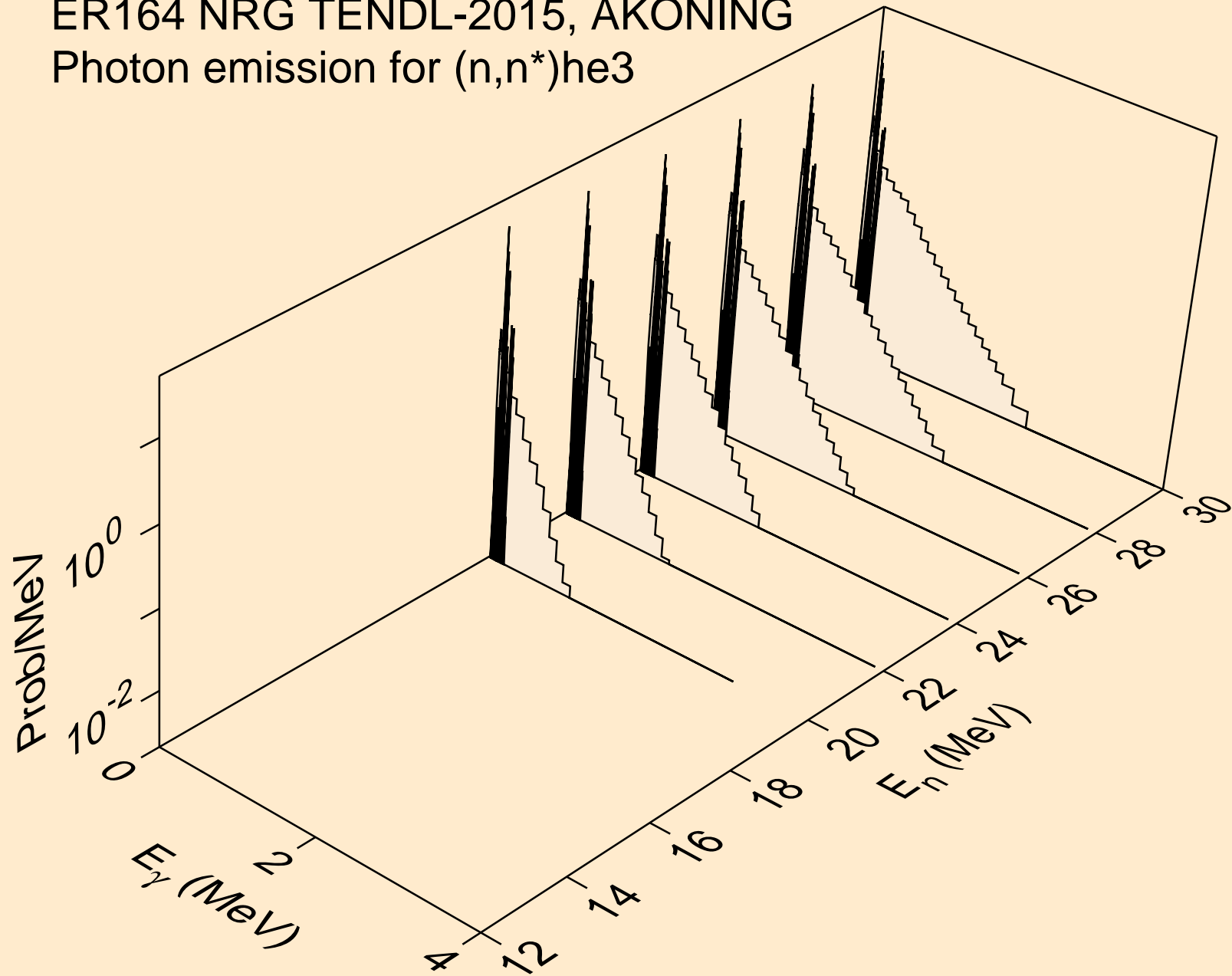
Photon emission for (n,n\*)d



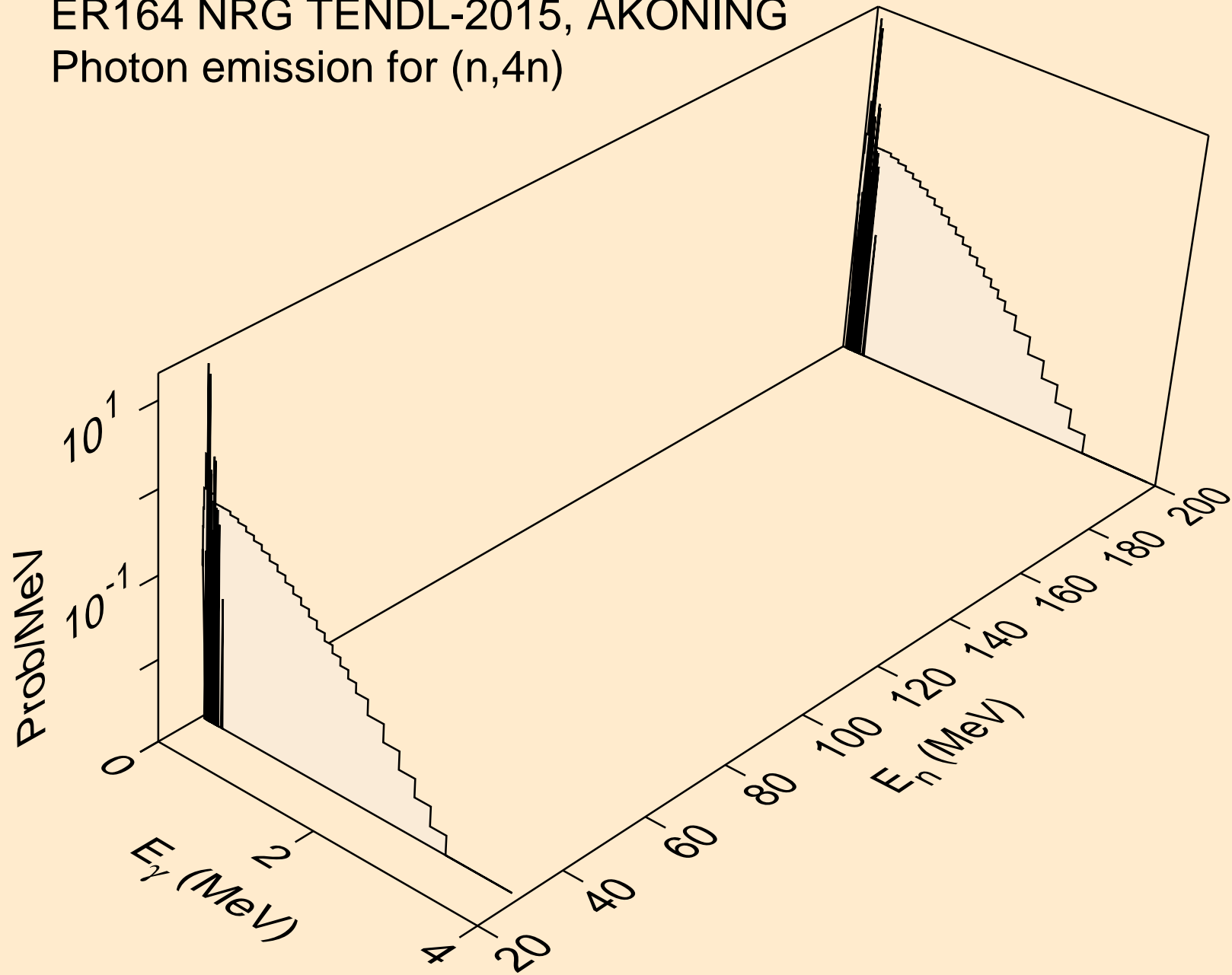
ER164 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



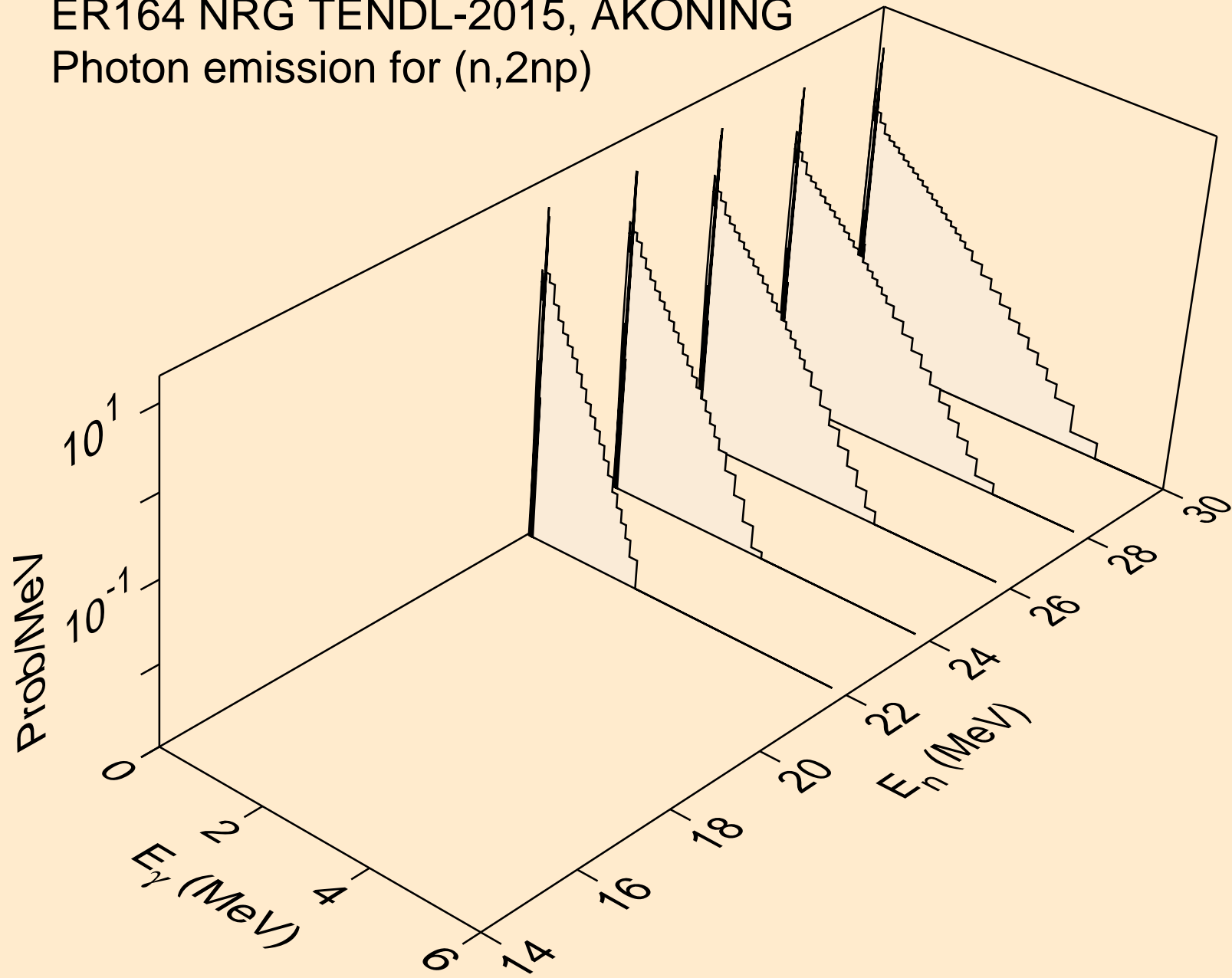
ER164 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



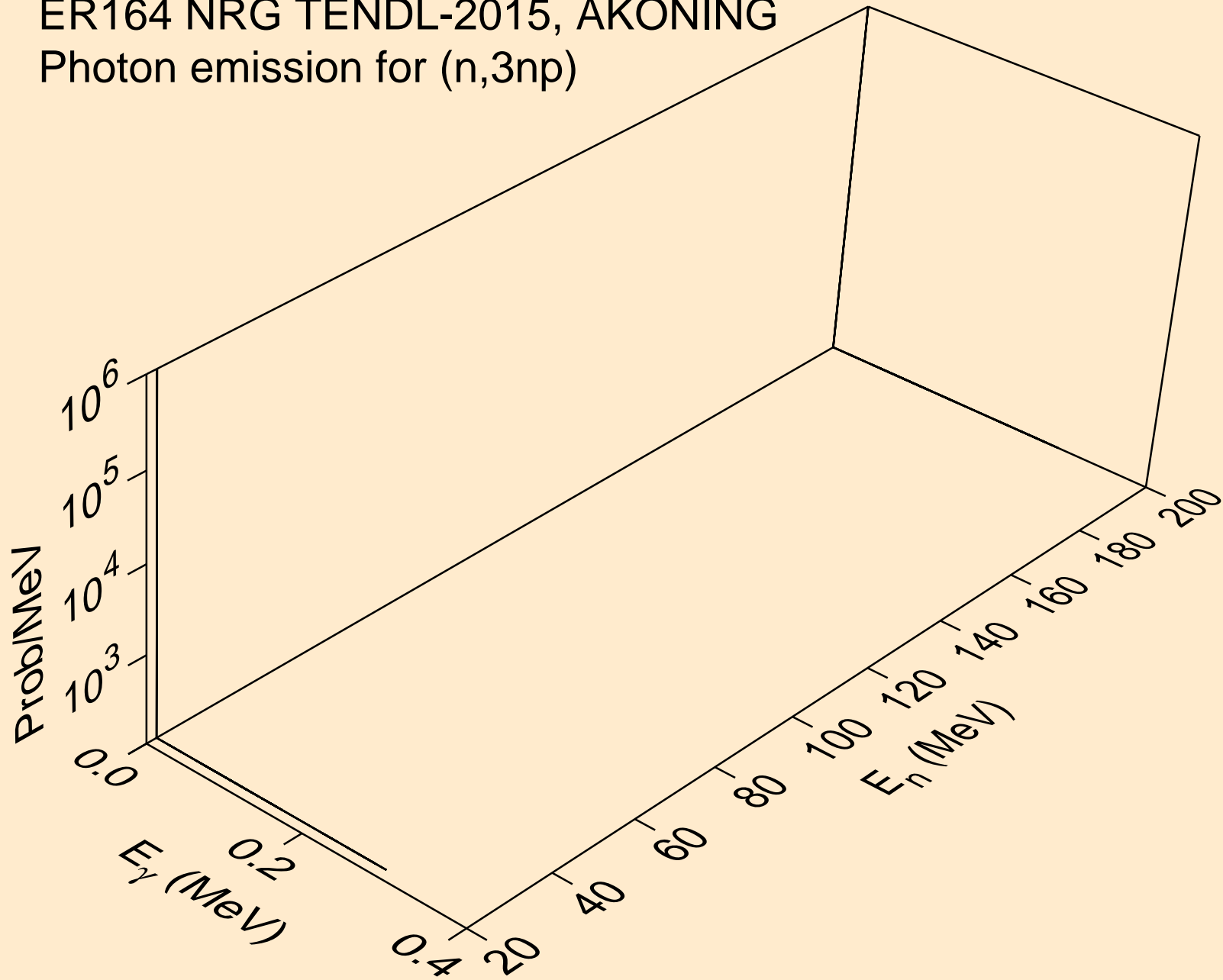
ER164 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



ER164 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

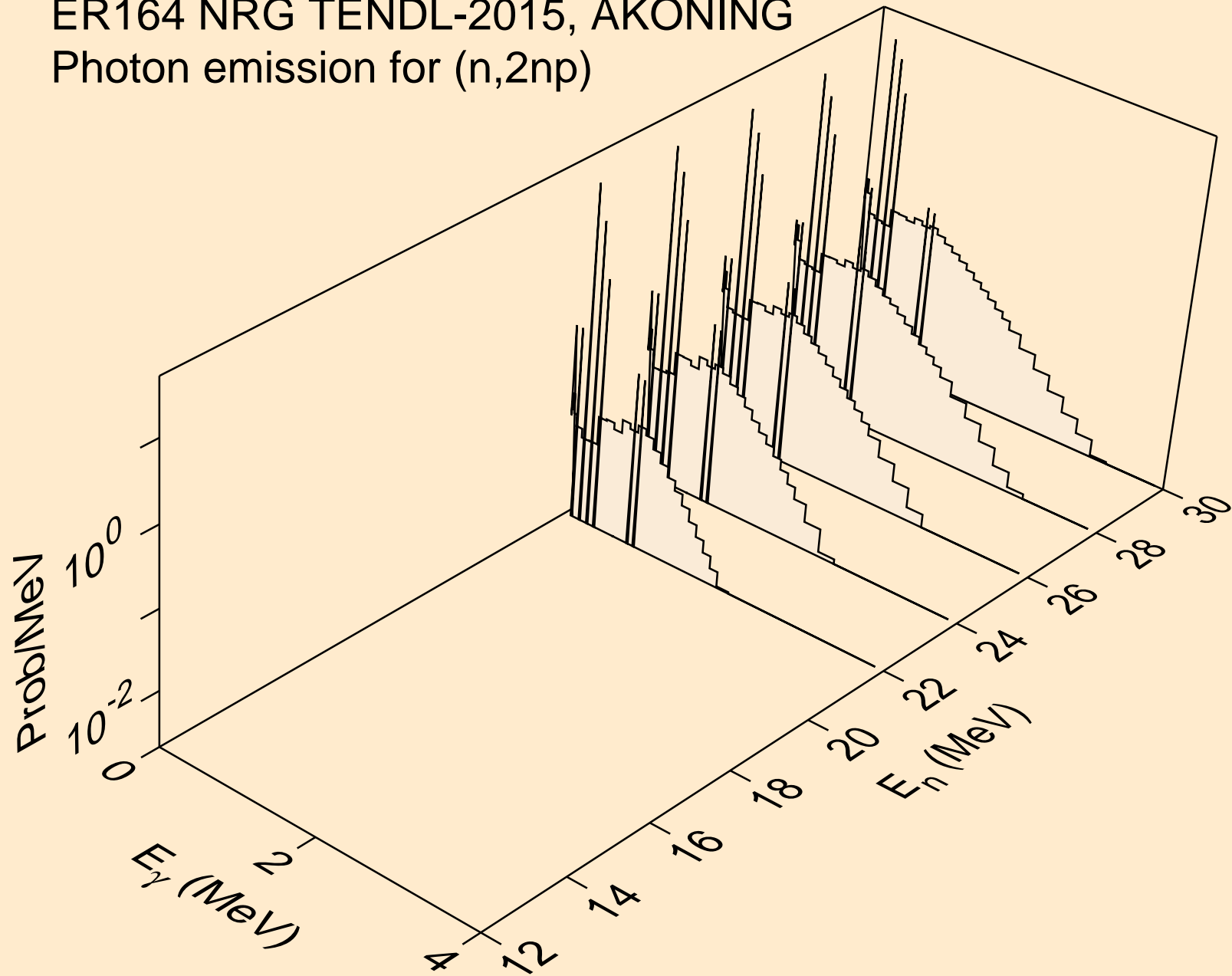


ER164 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

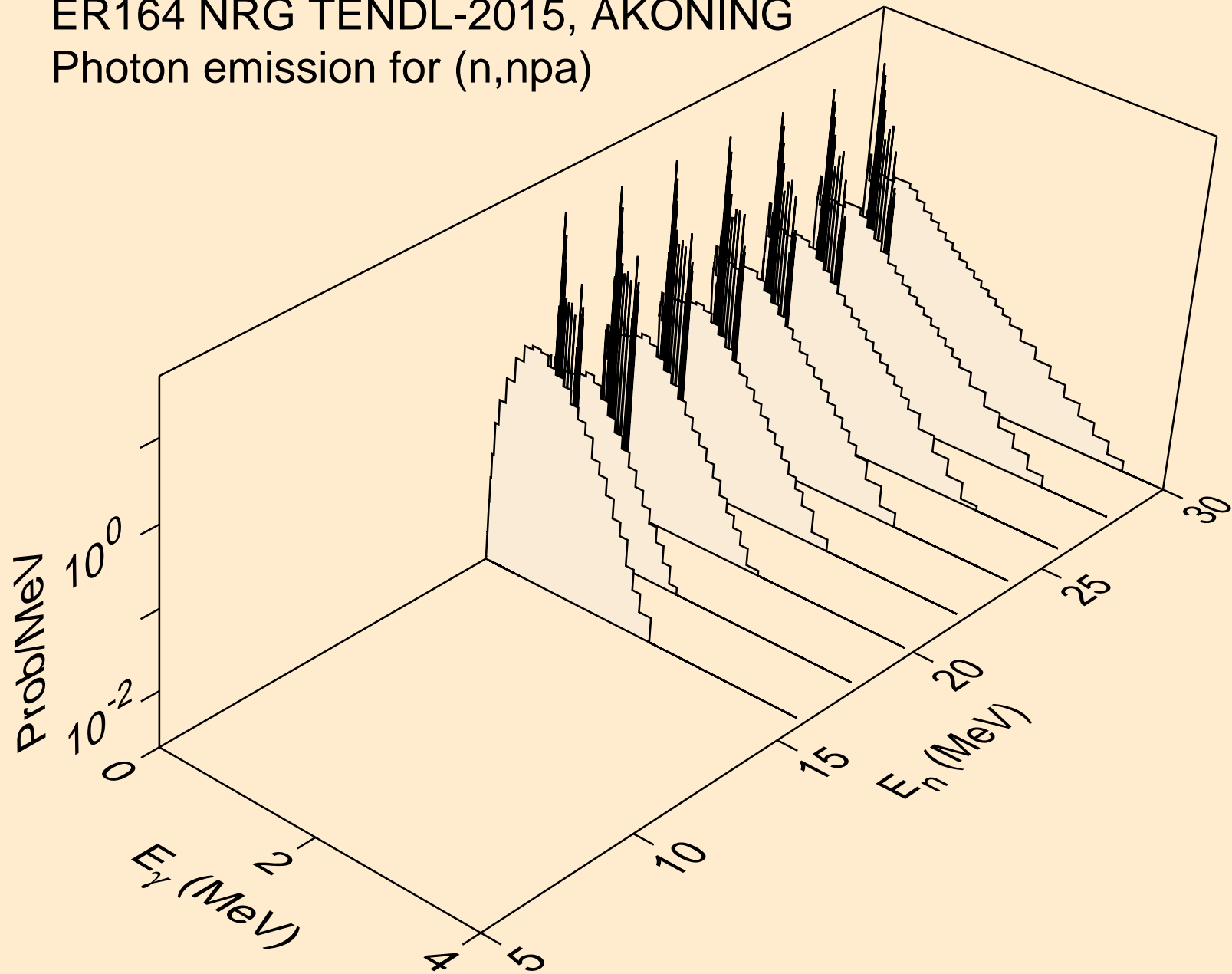




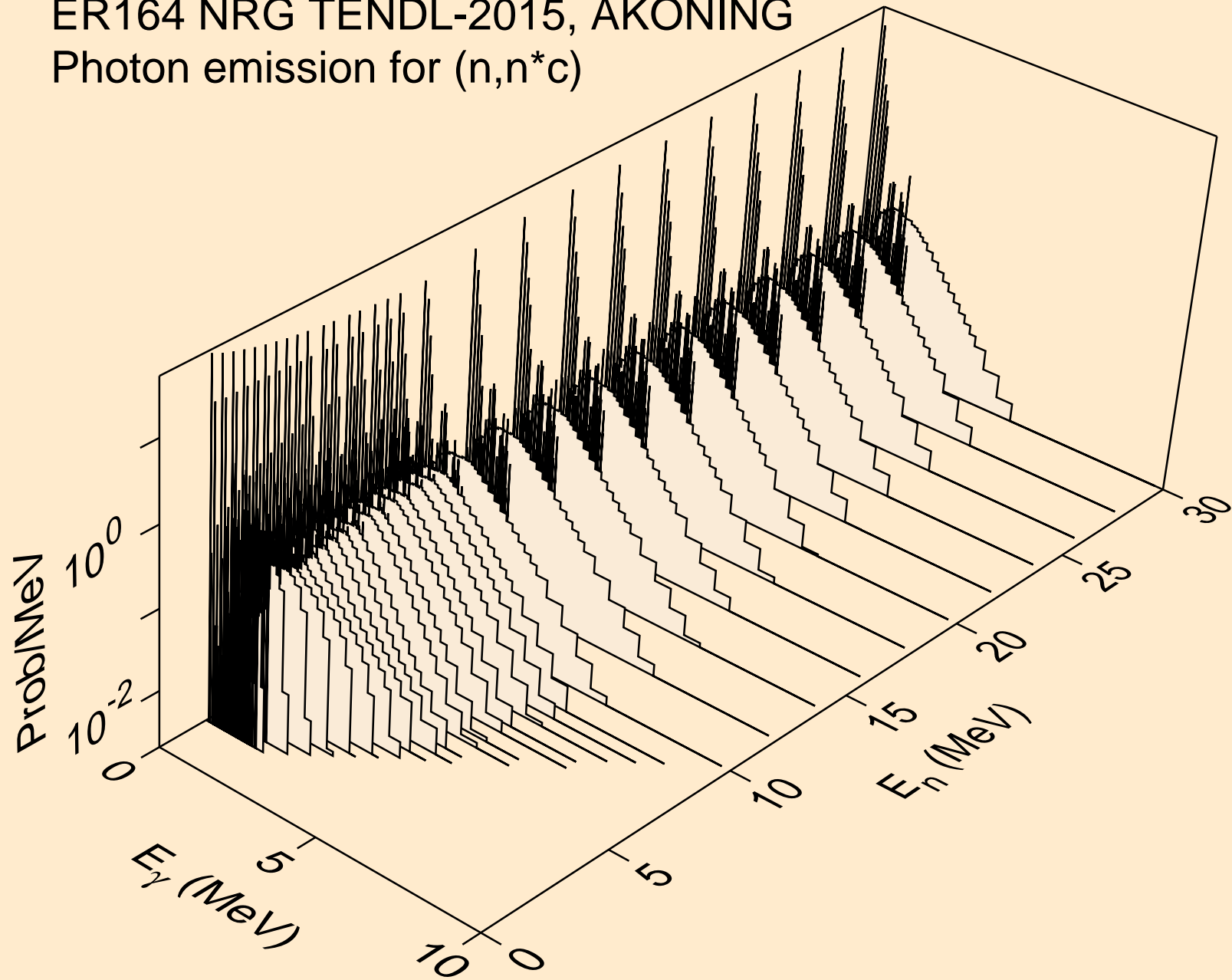
ER164 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



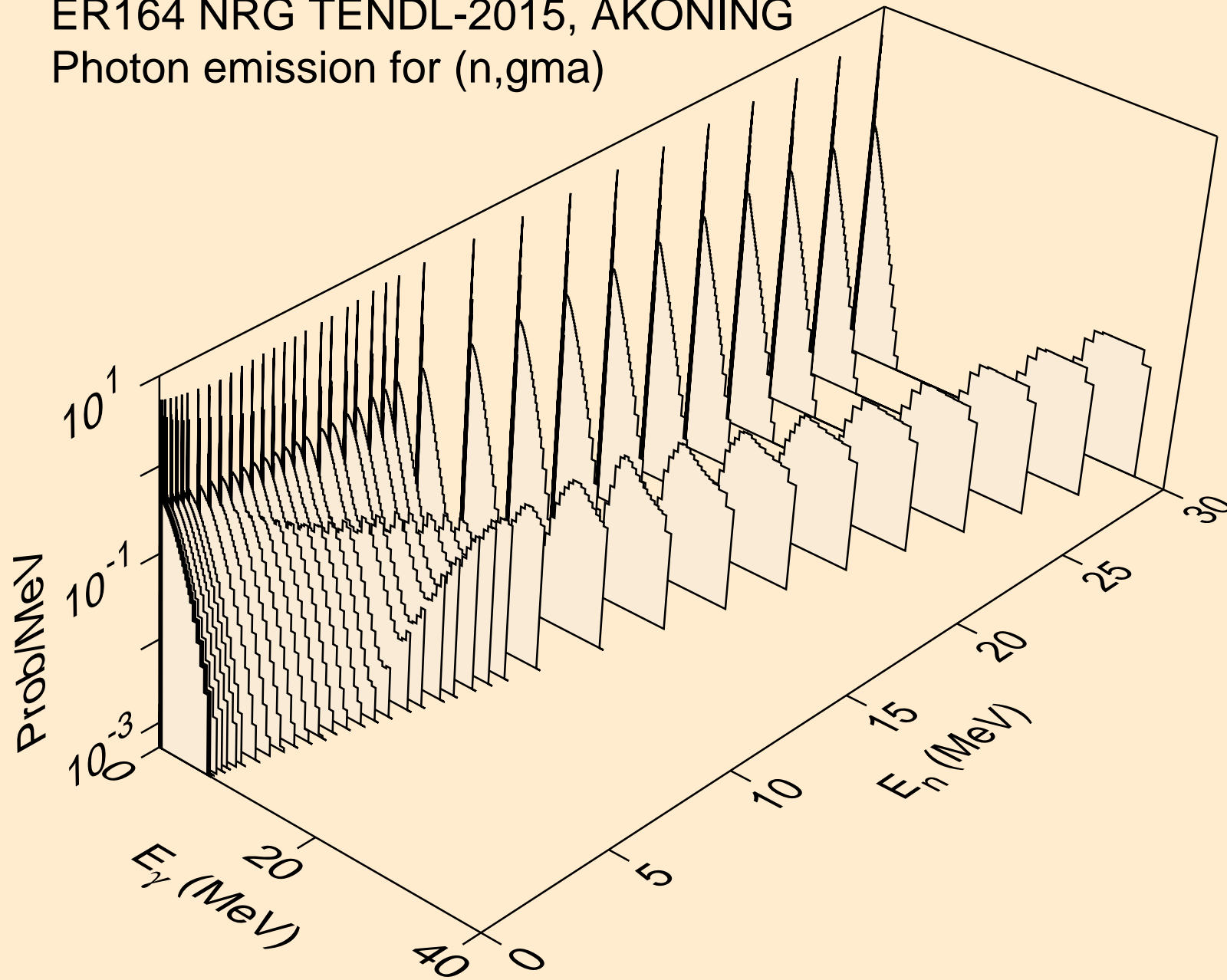
ER164 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



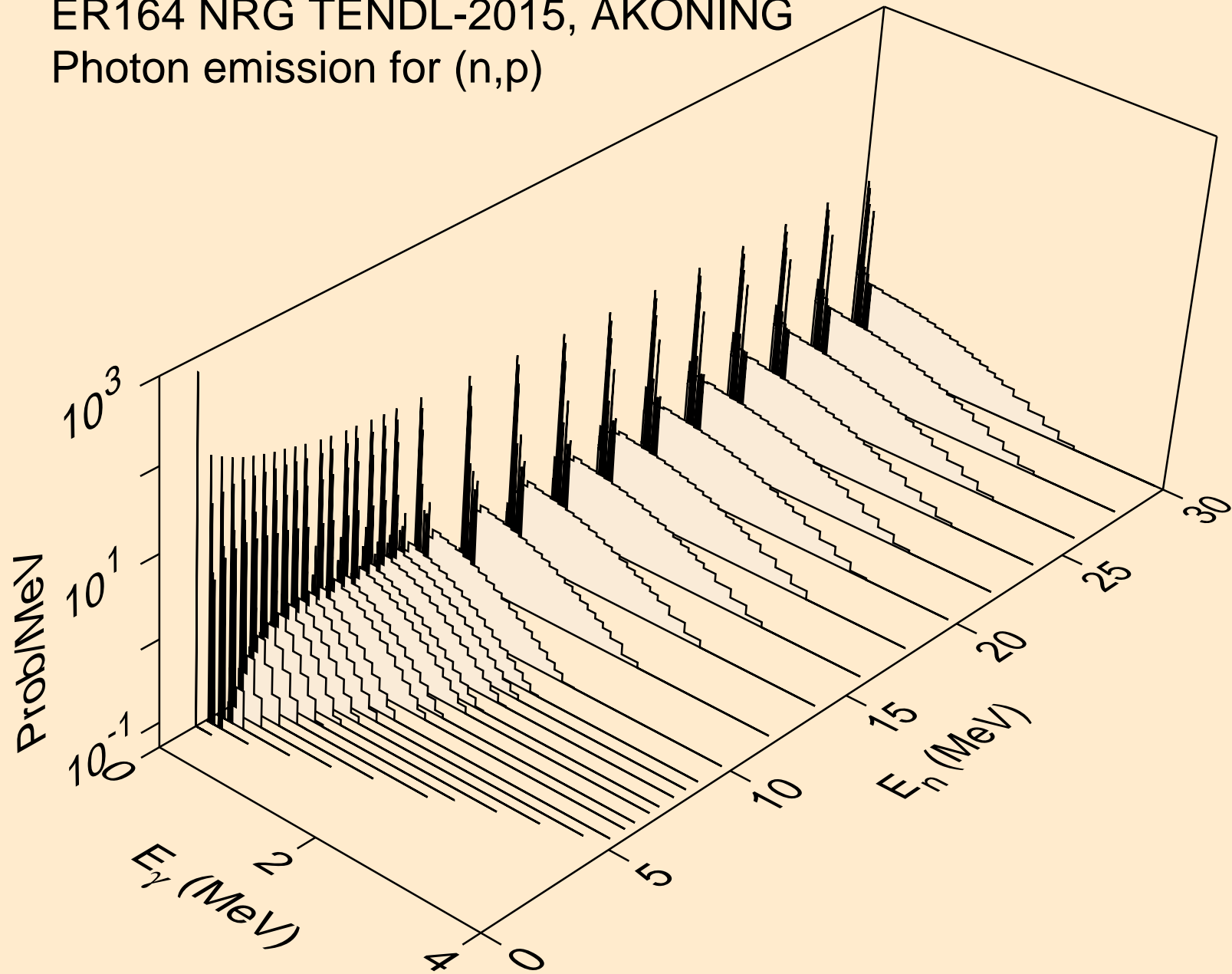
ER164 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



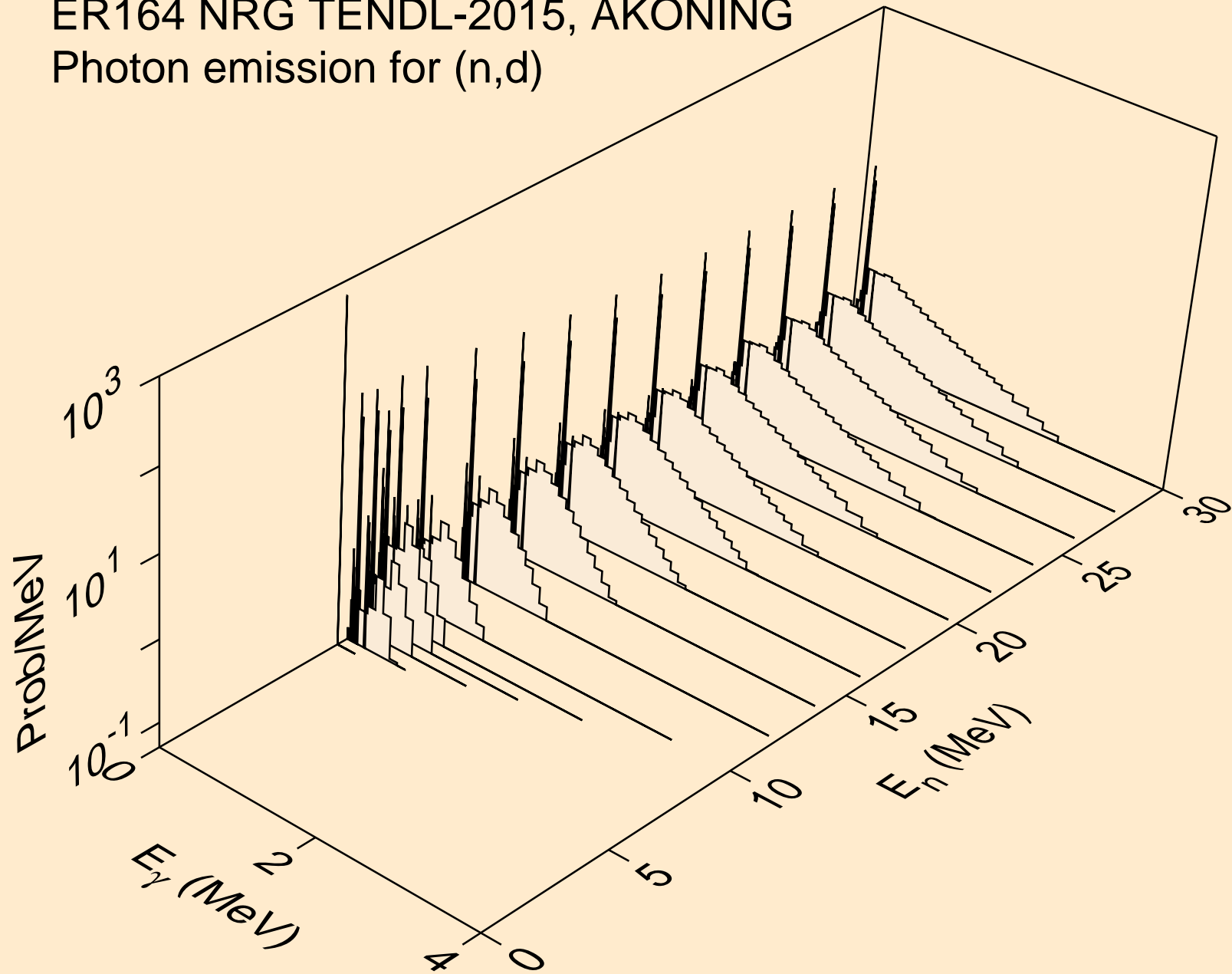
ER164 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



ER164 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

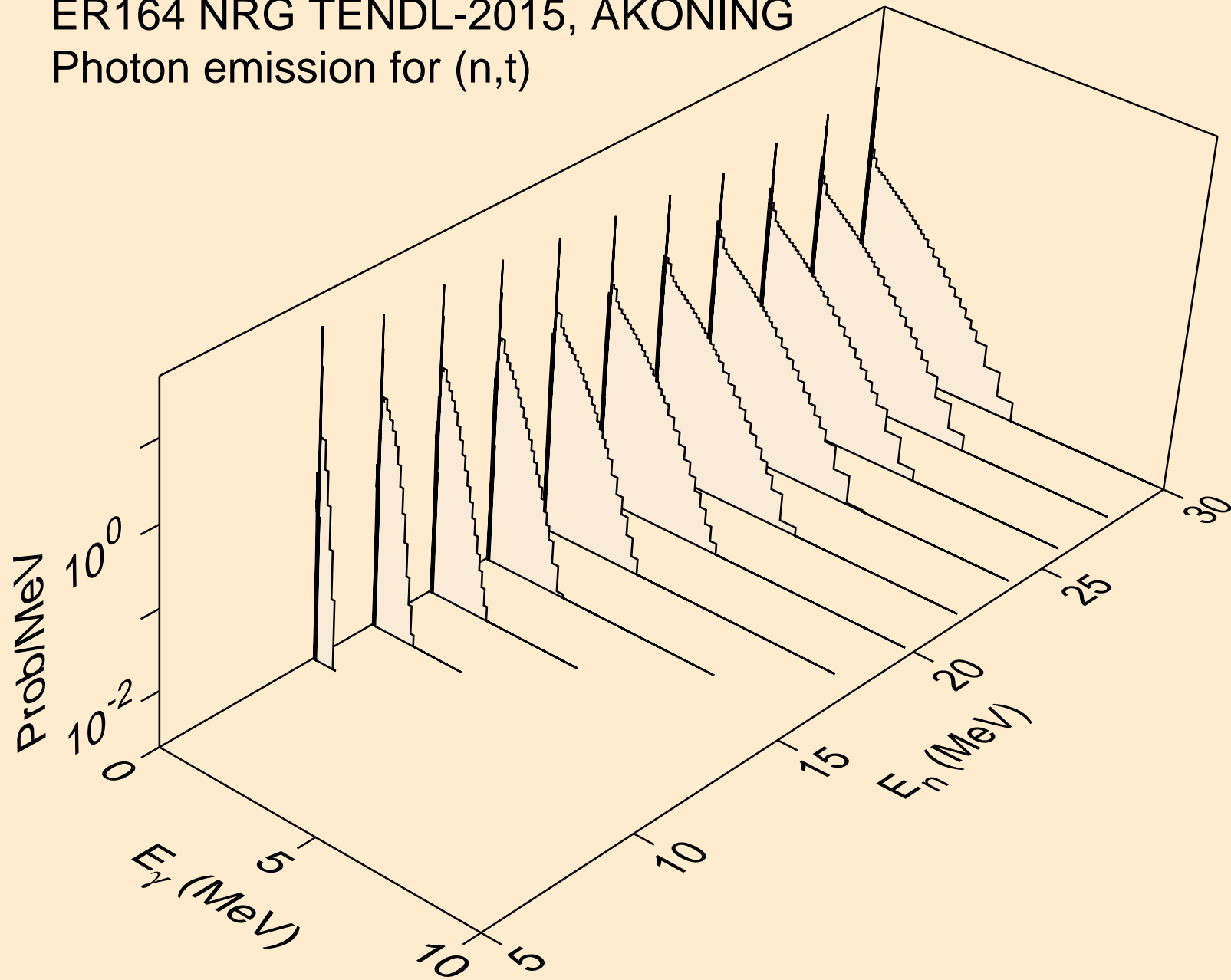


ER164 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

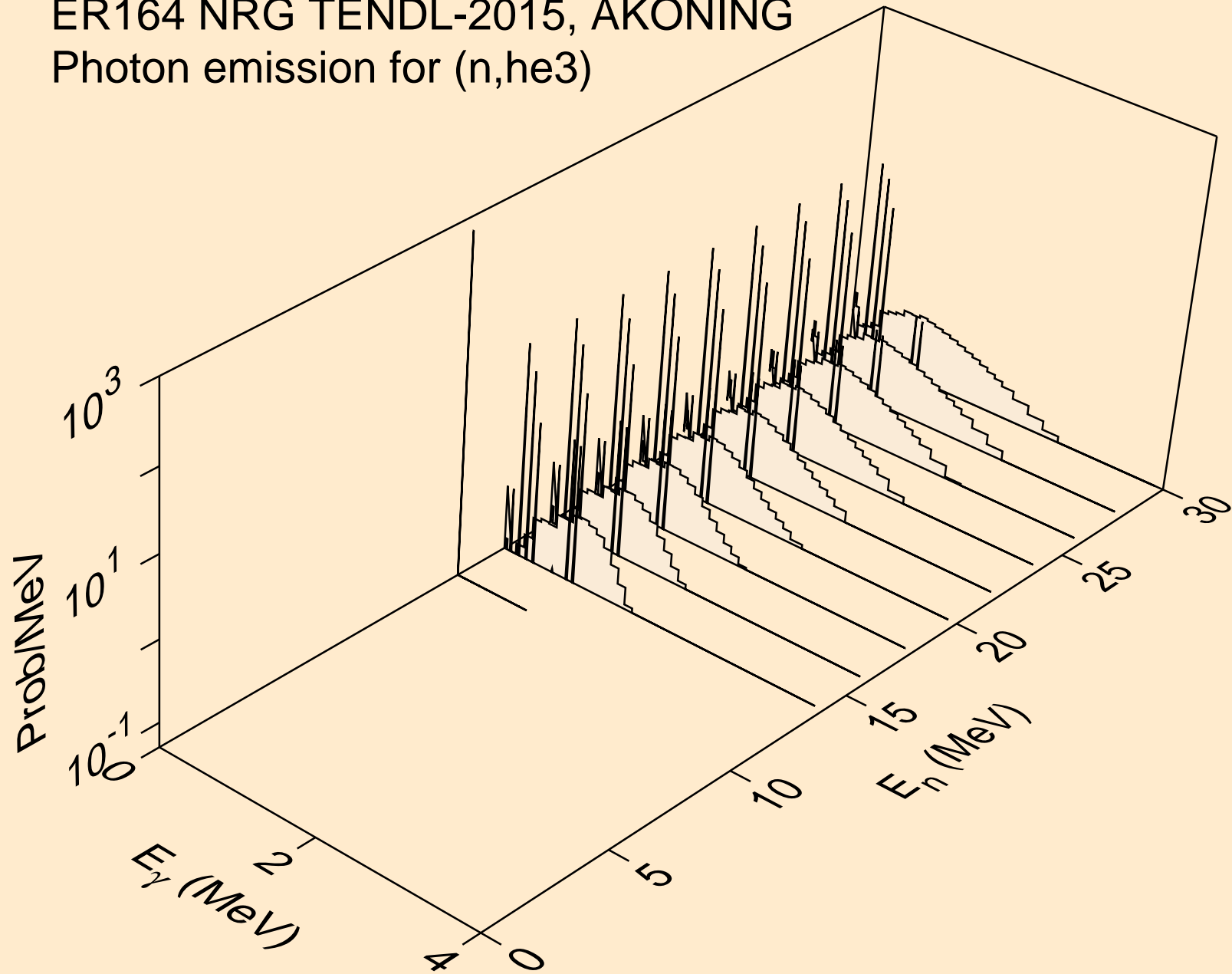


# ER164 NRG TENDL-2015, AKONING

Photon emission for (n,t)

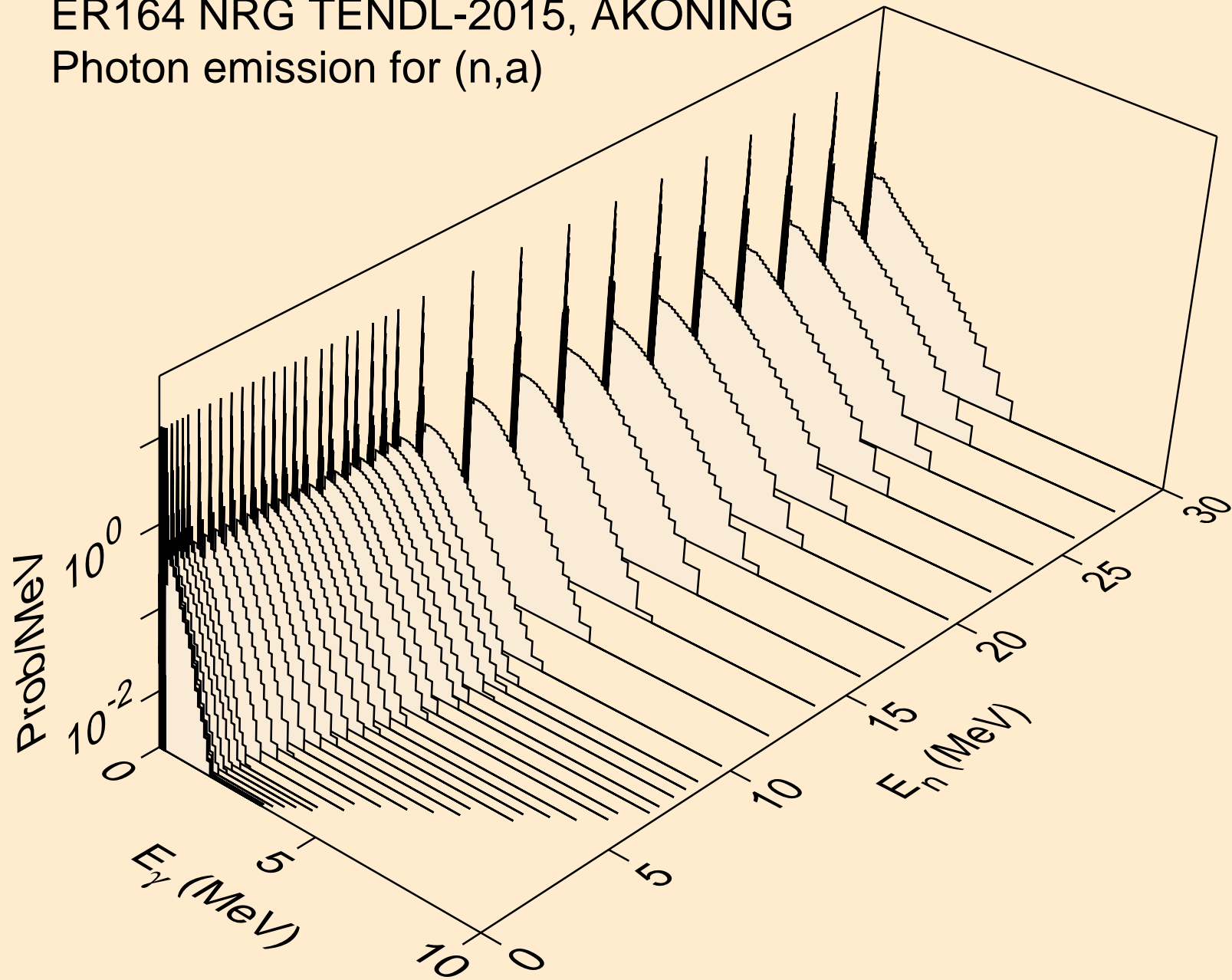


ER164 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

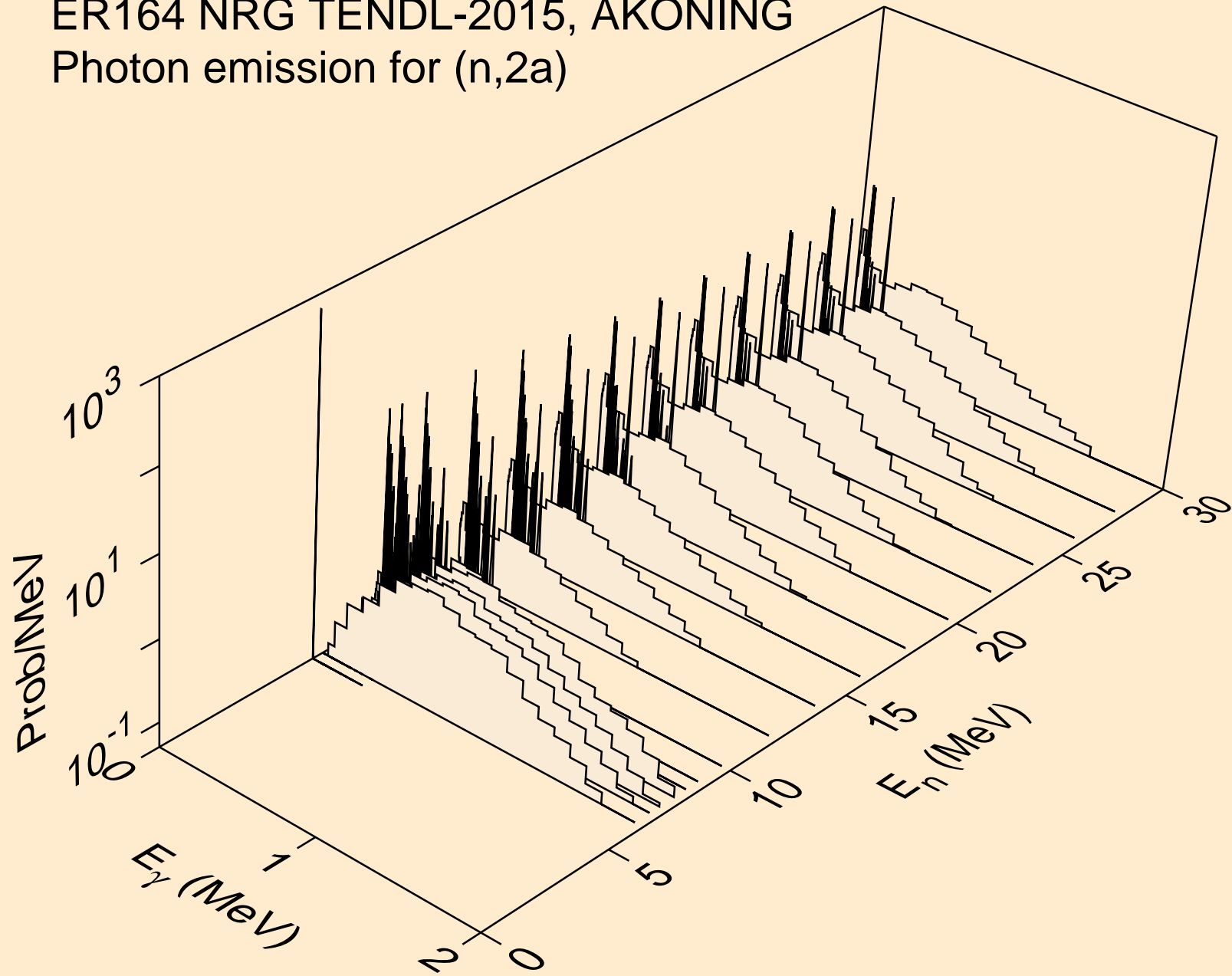




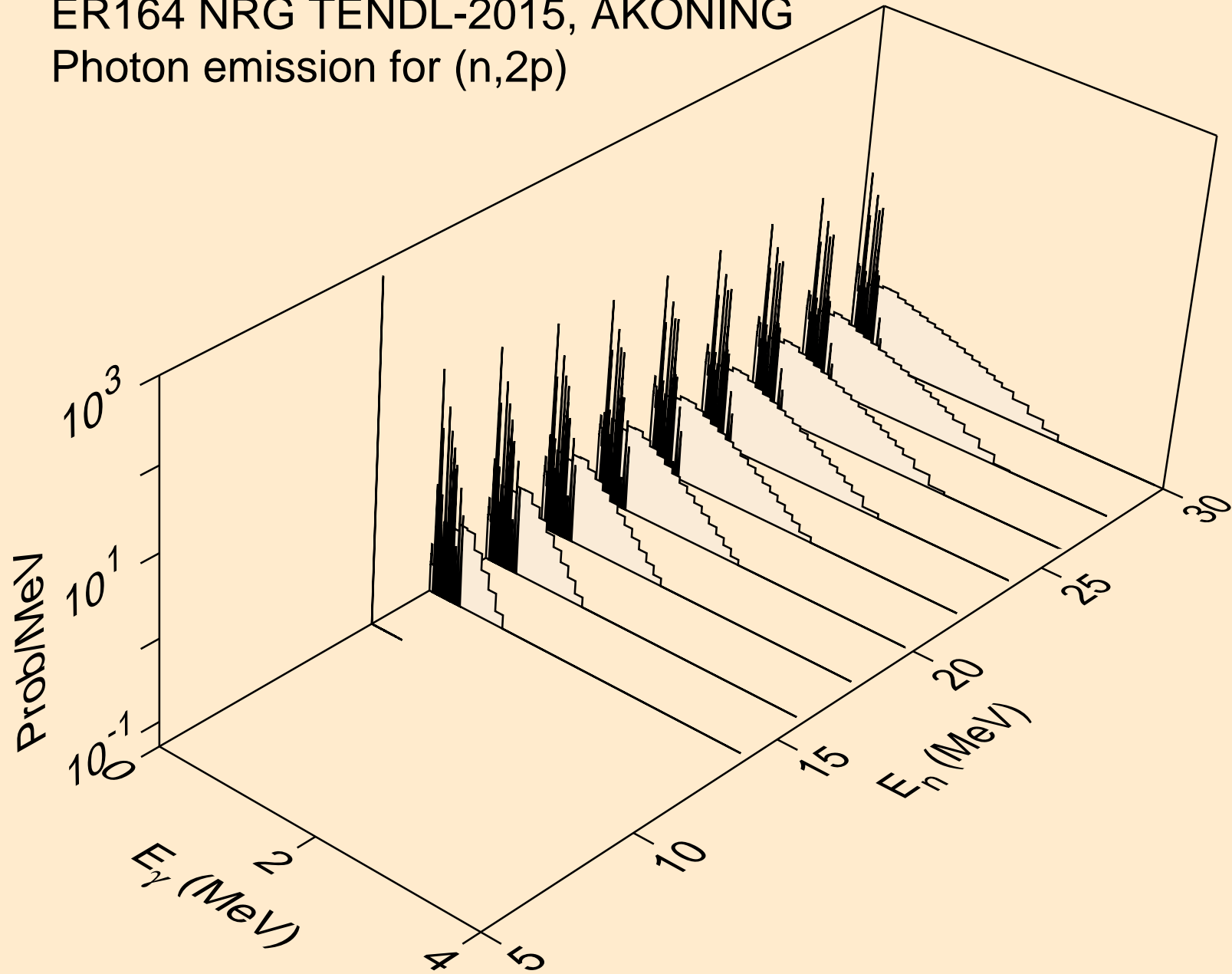
ER164 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



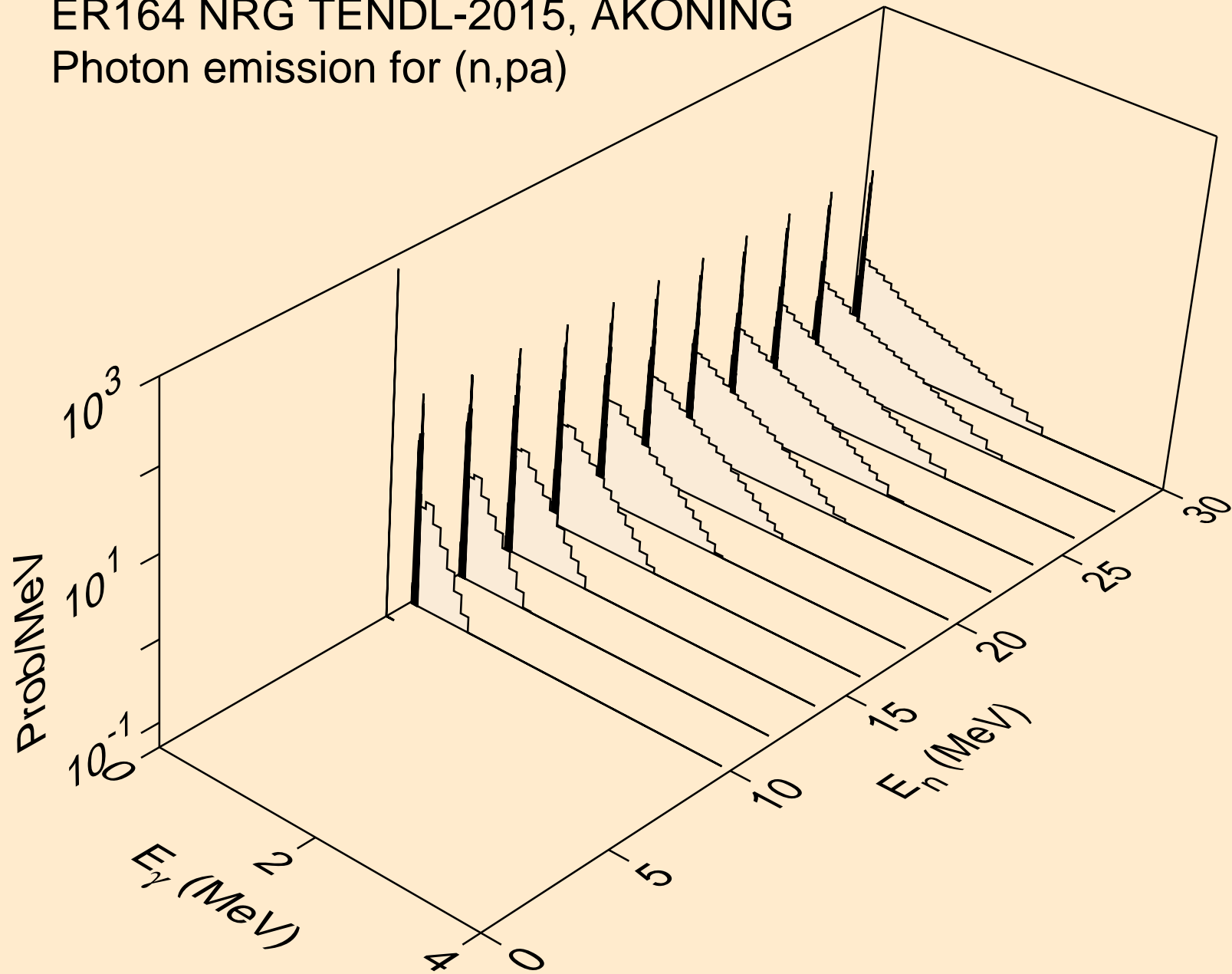
ER164 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



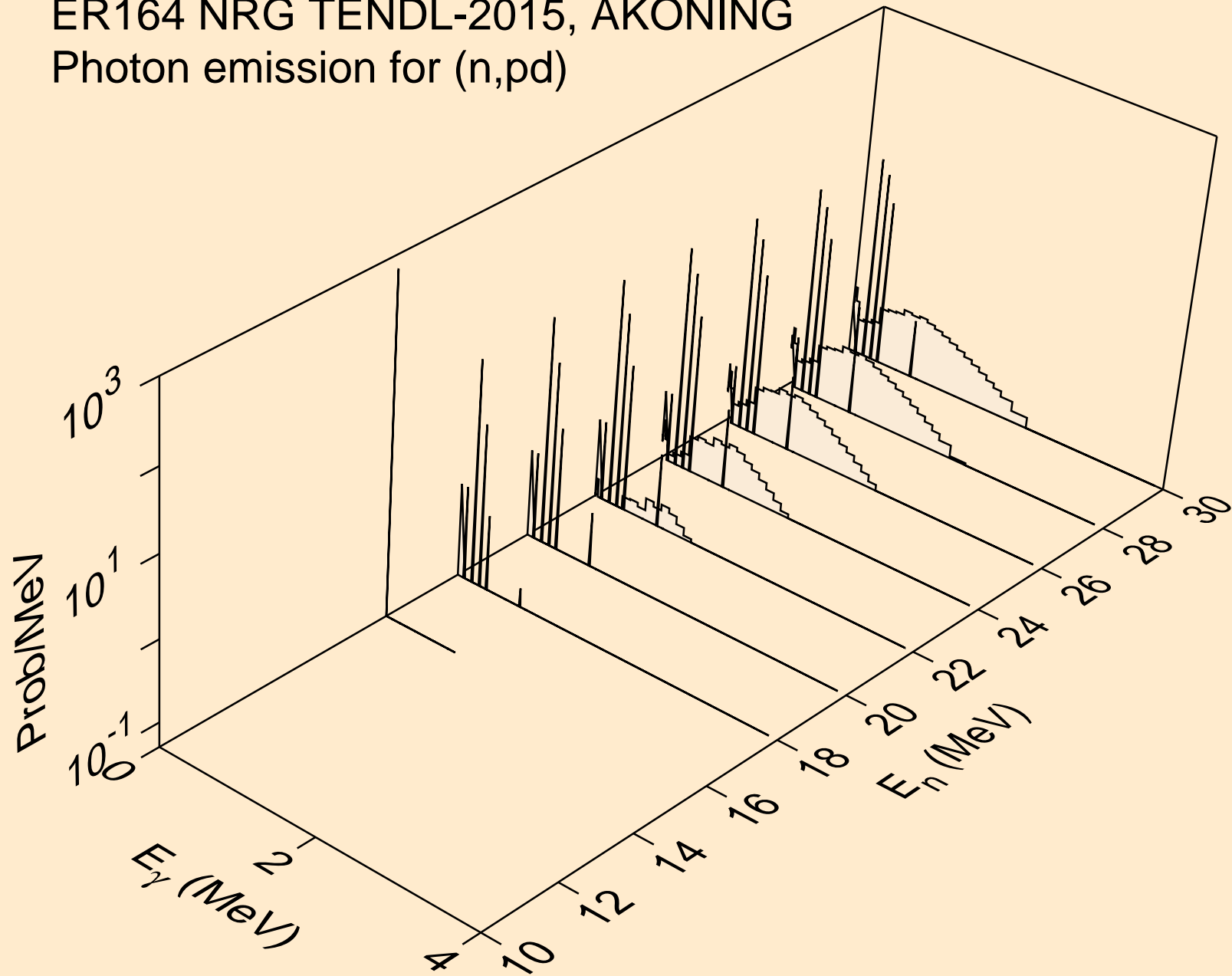
ER164 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



ER164 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )

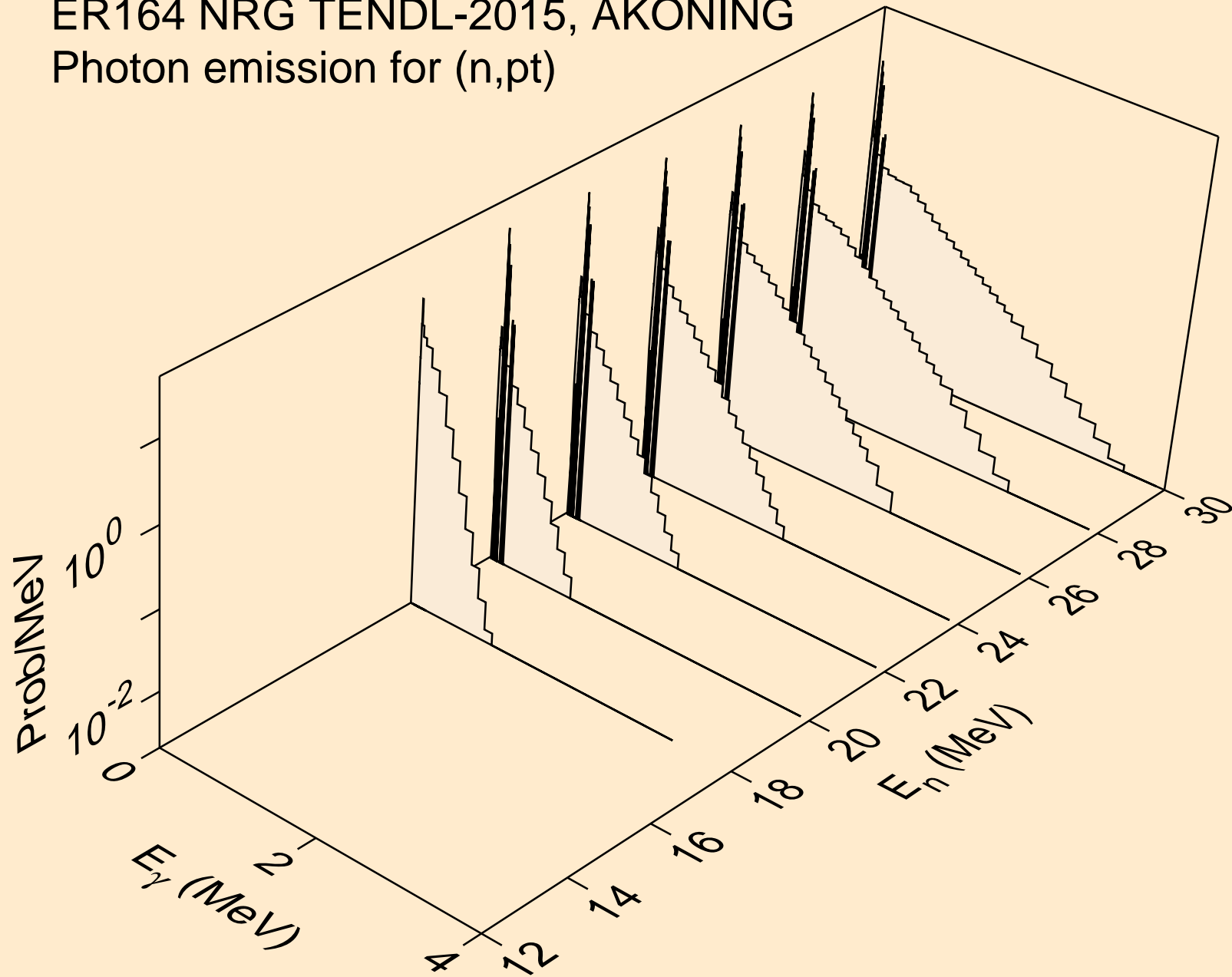


ER164 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

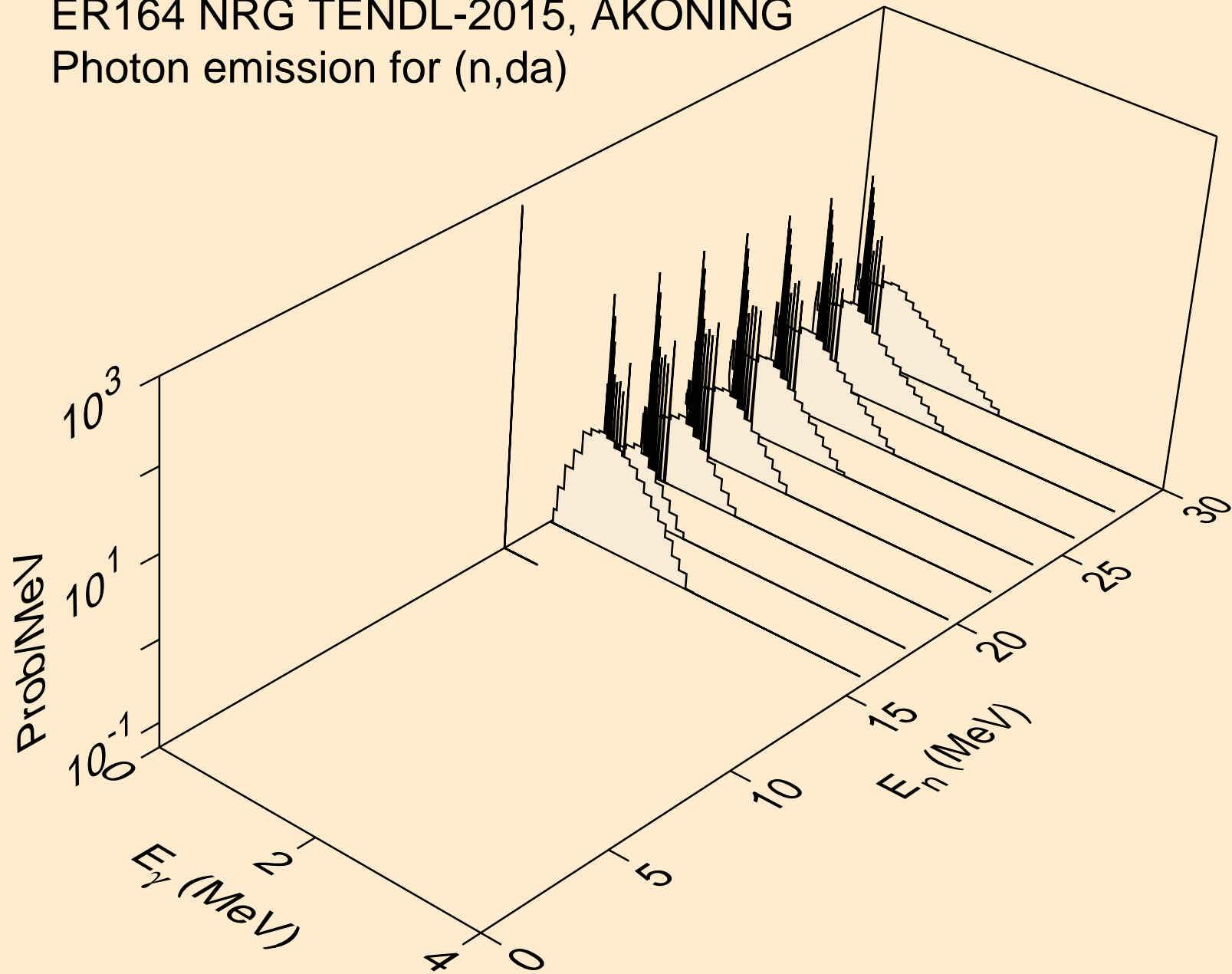


# ER164 NRG TENDL-2015, AKONING

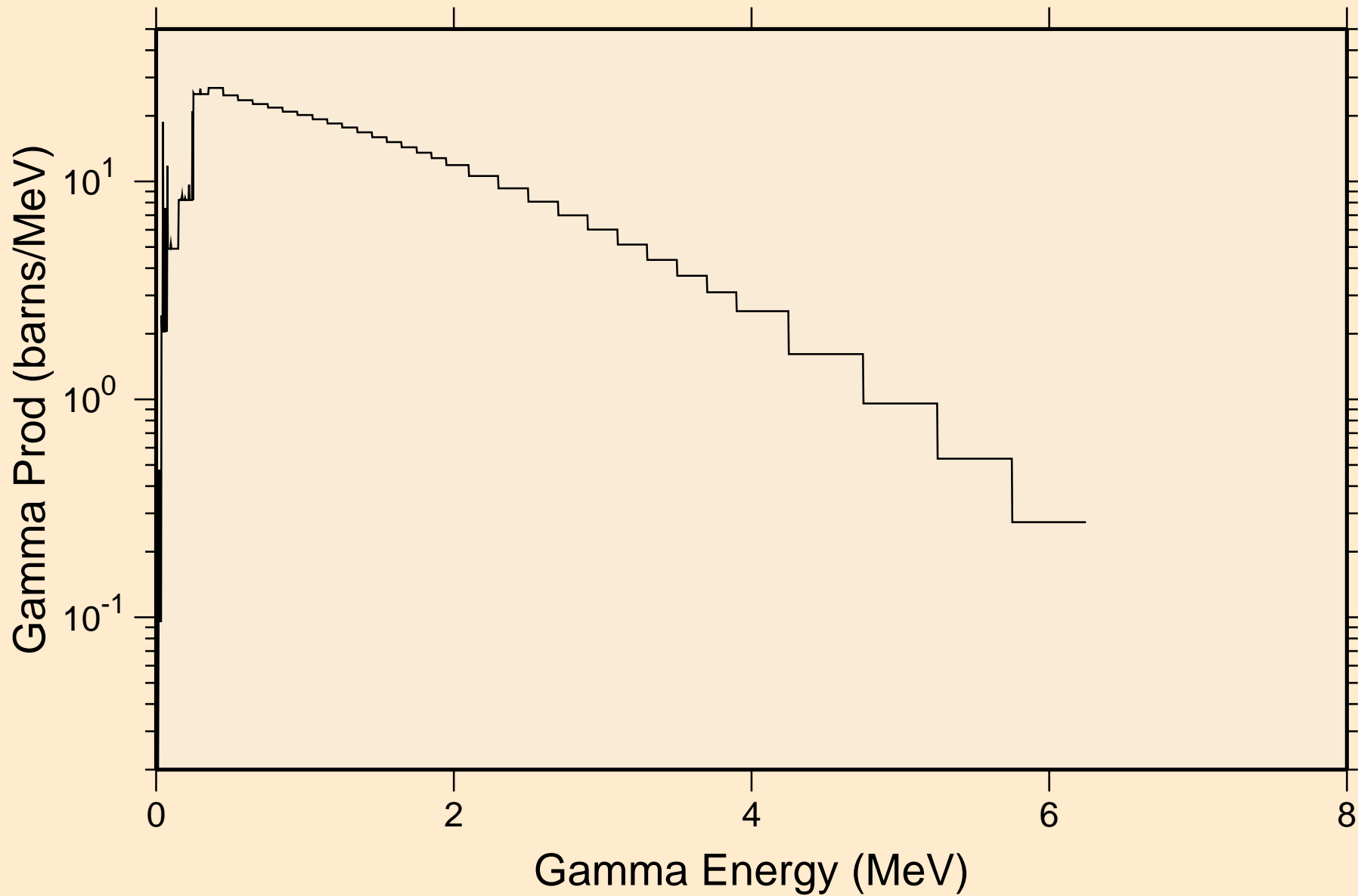
Photon emission for (n,pt)



ER164 NRG TENDL-2015, AKONING  
Photon emission for (n,da)

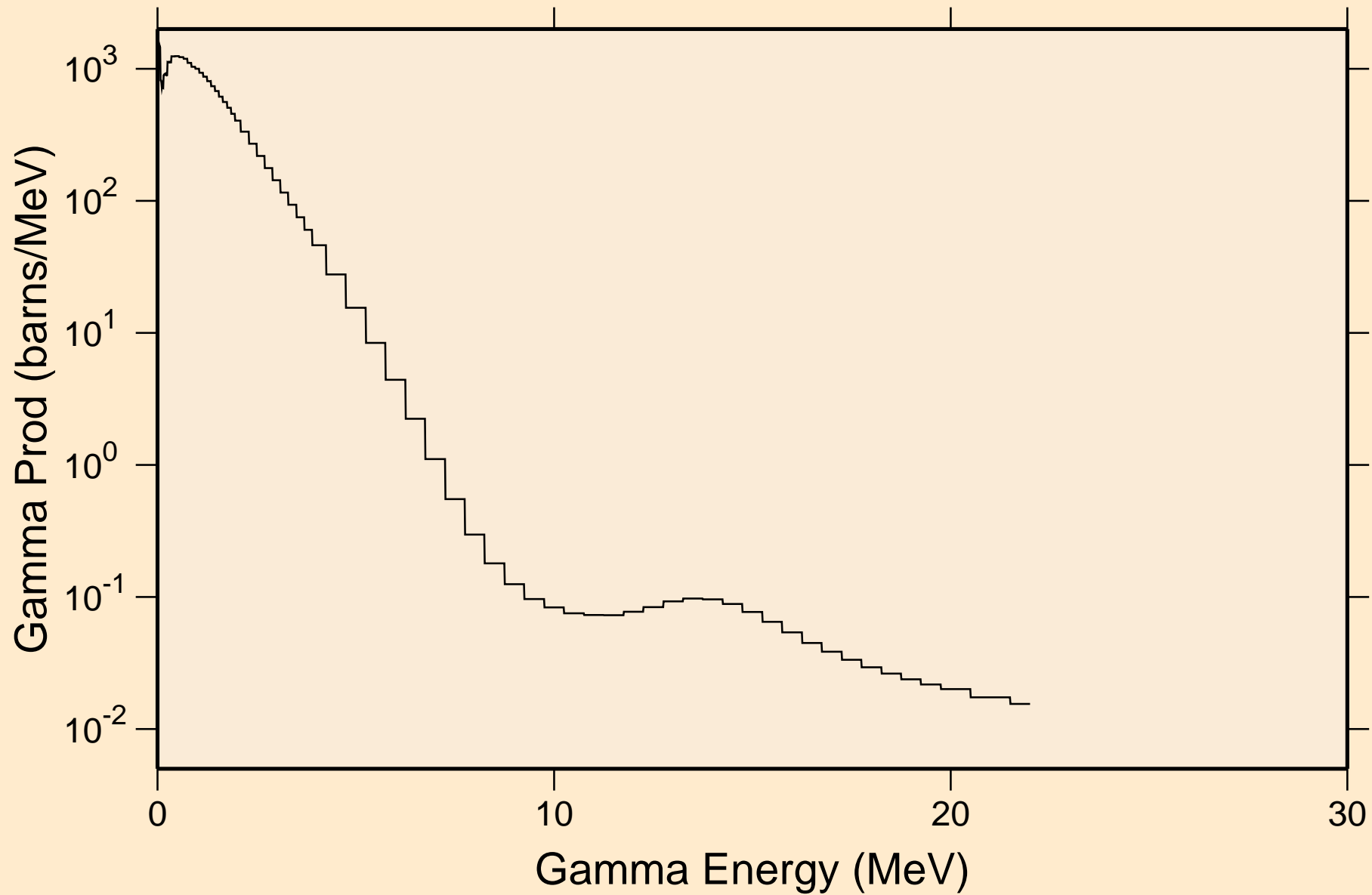


ER164 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



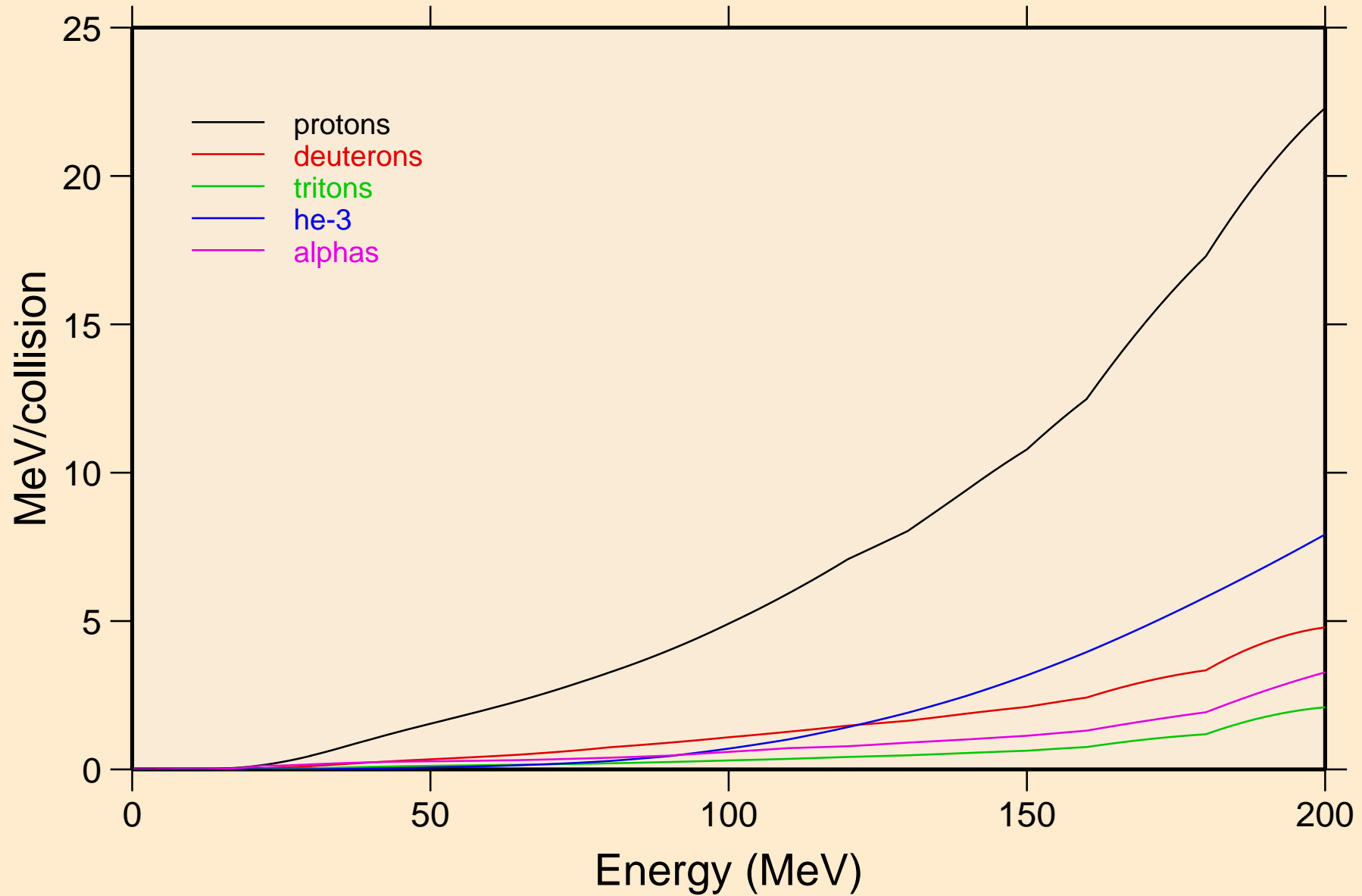


ER164 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



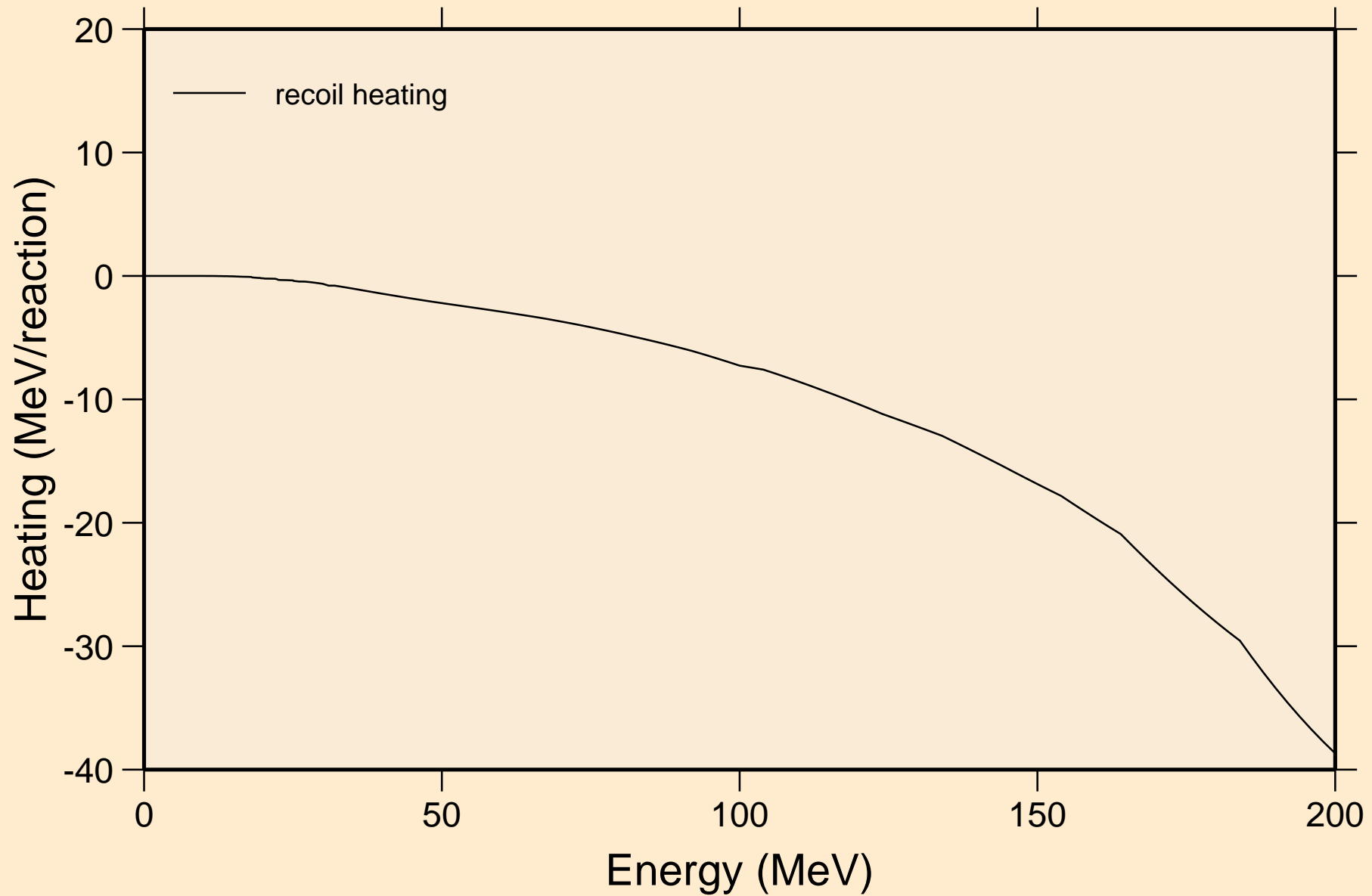
# ER164 NRG TENDL-2015, AKONING

## Particle heating contributions



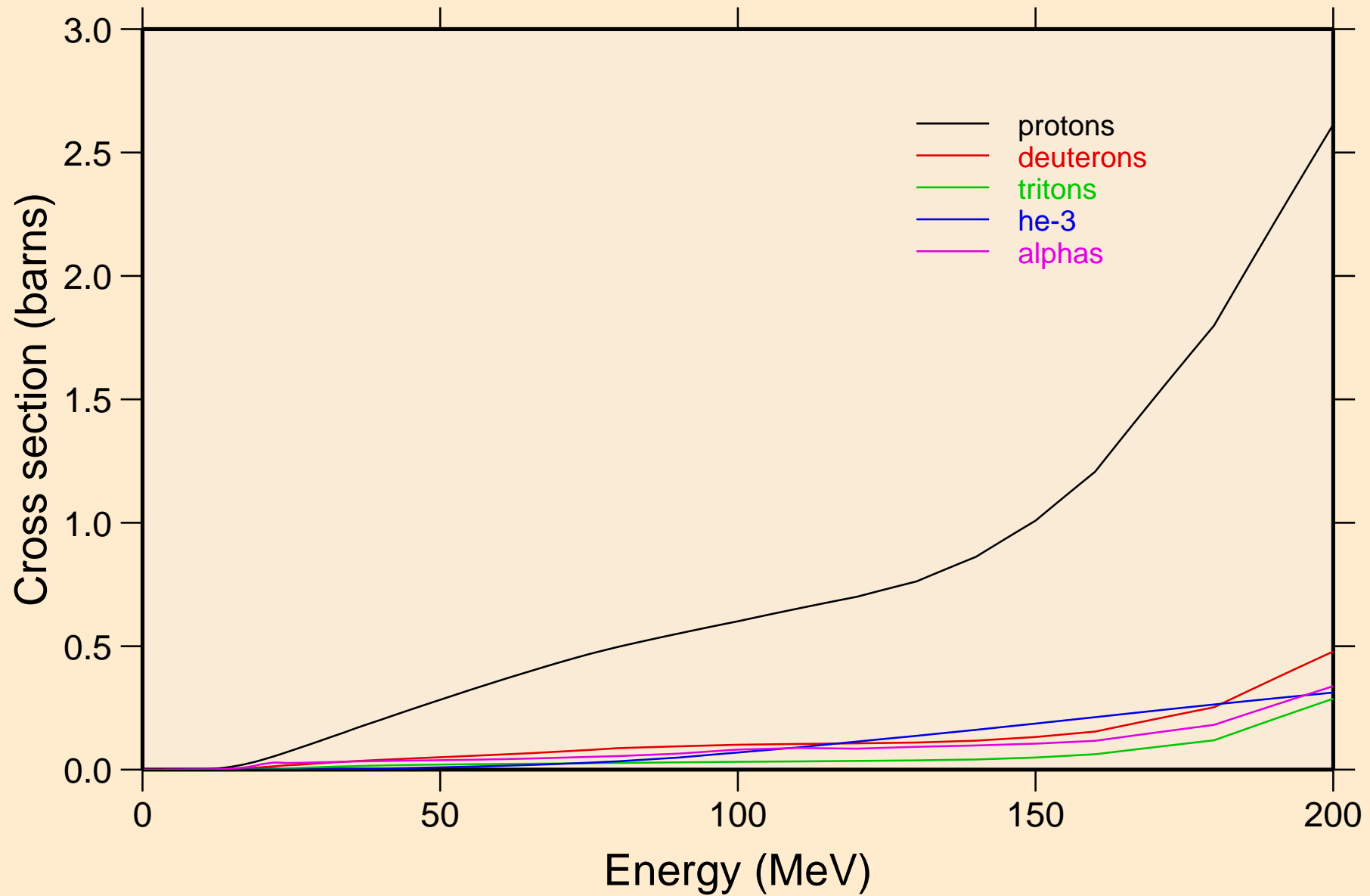
# ER164 NRG TENDL-2015, AKONING

## Recoil Heating

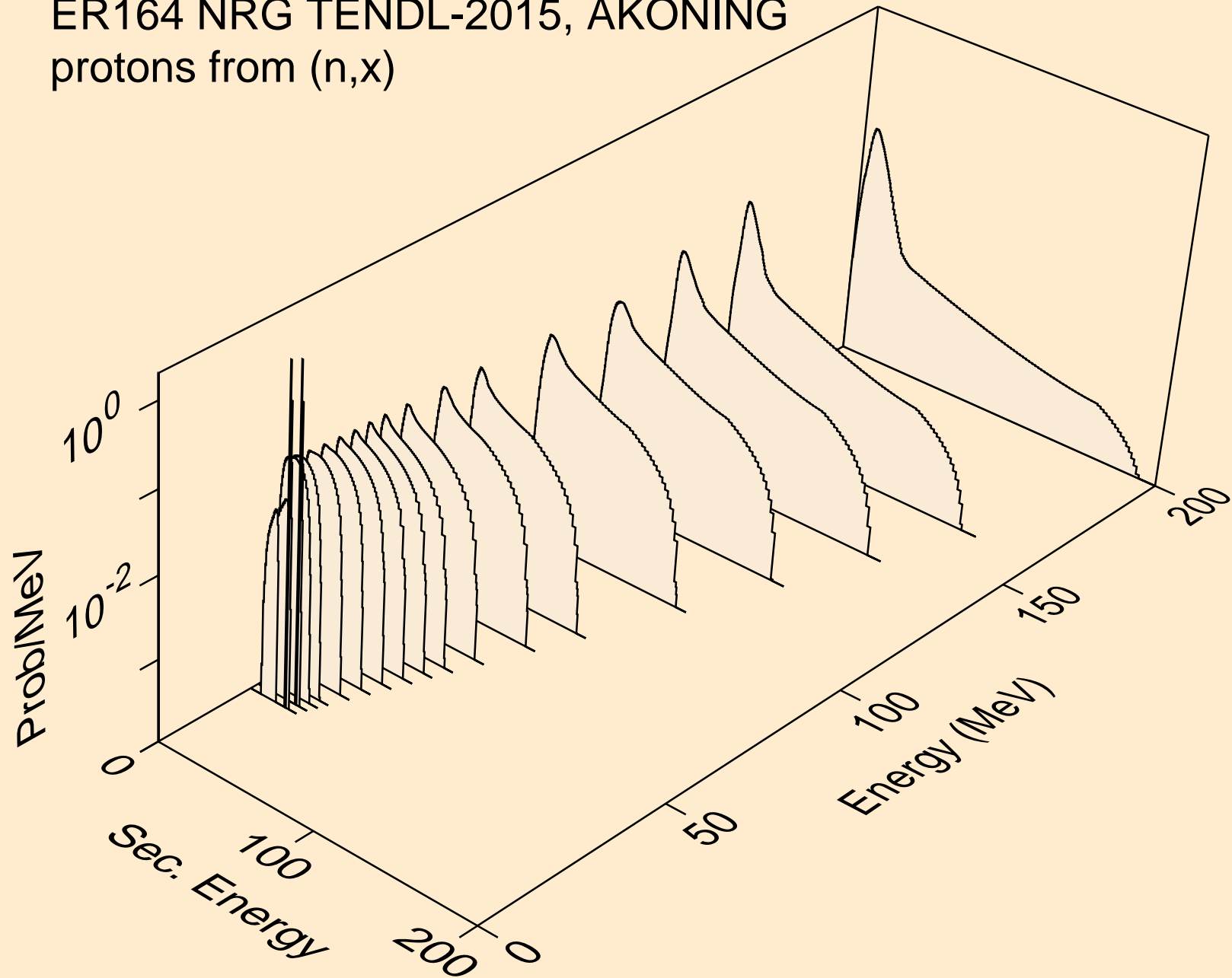


# ER164 NRG TENDL-2015, AKONING

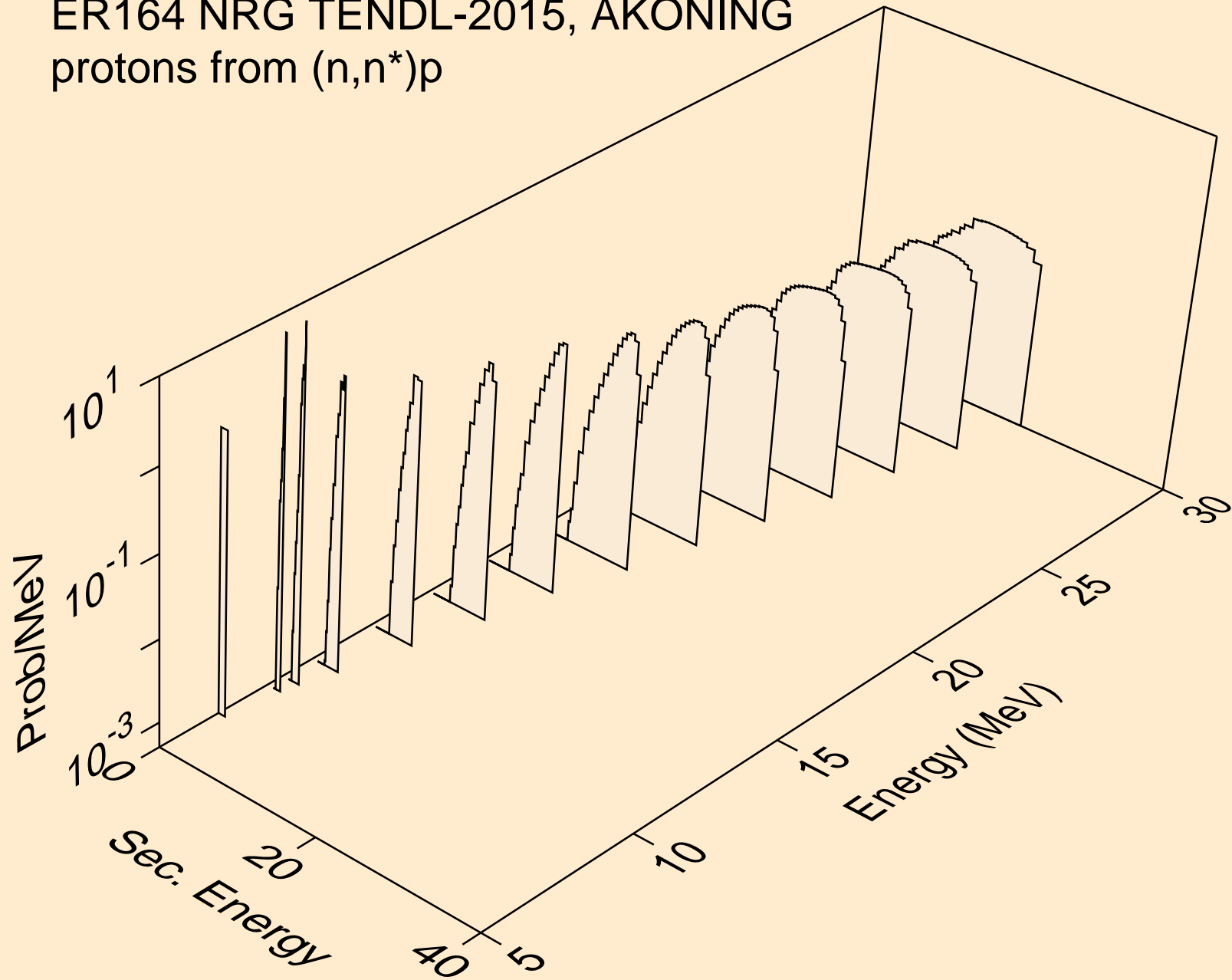
## Particle production cross sections



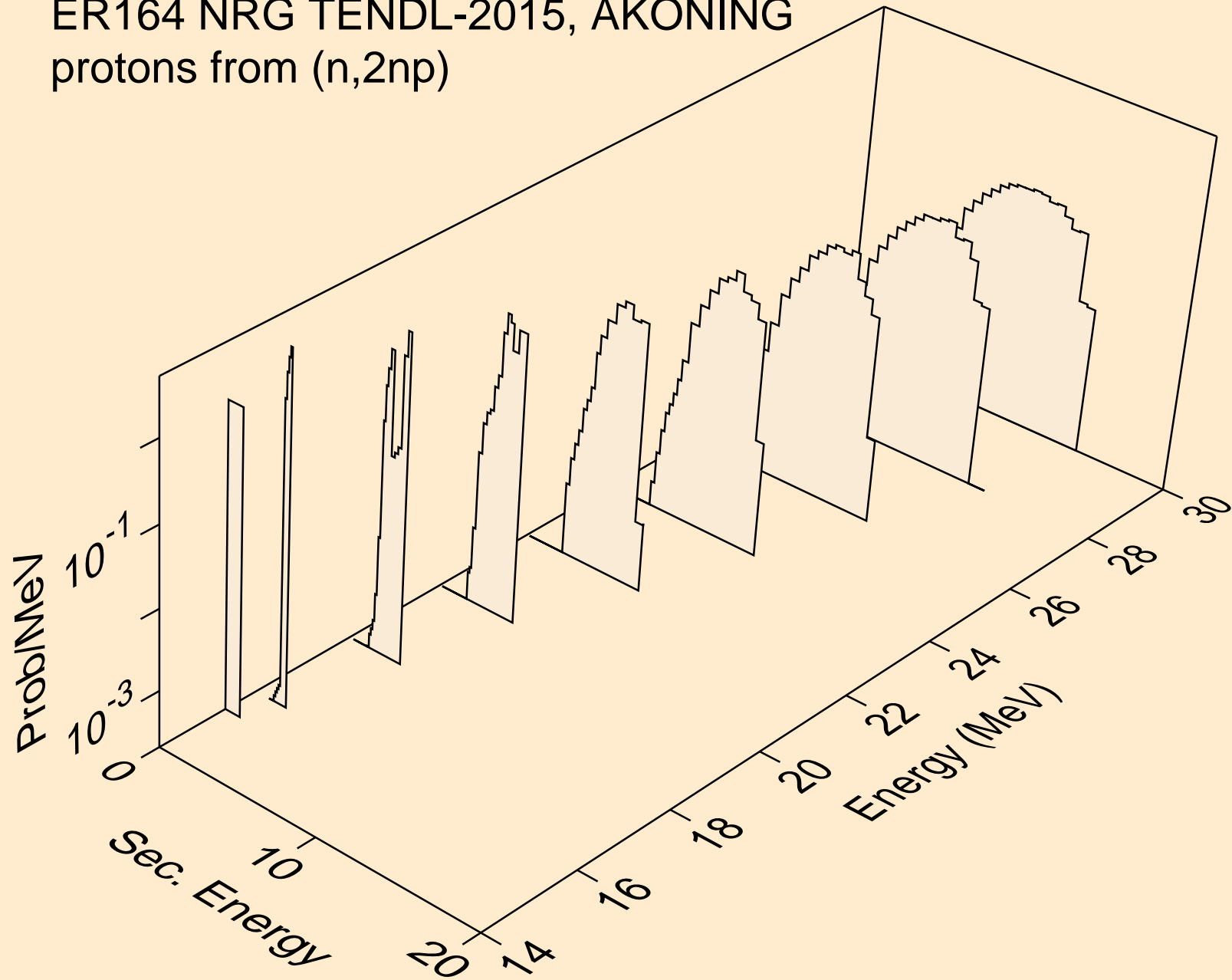
ER164 NRG TENDL-2015, AKONING  
protons from (n,x)



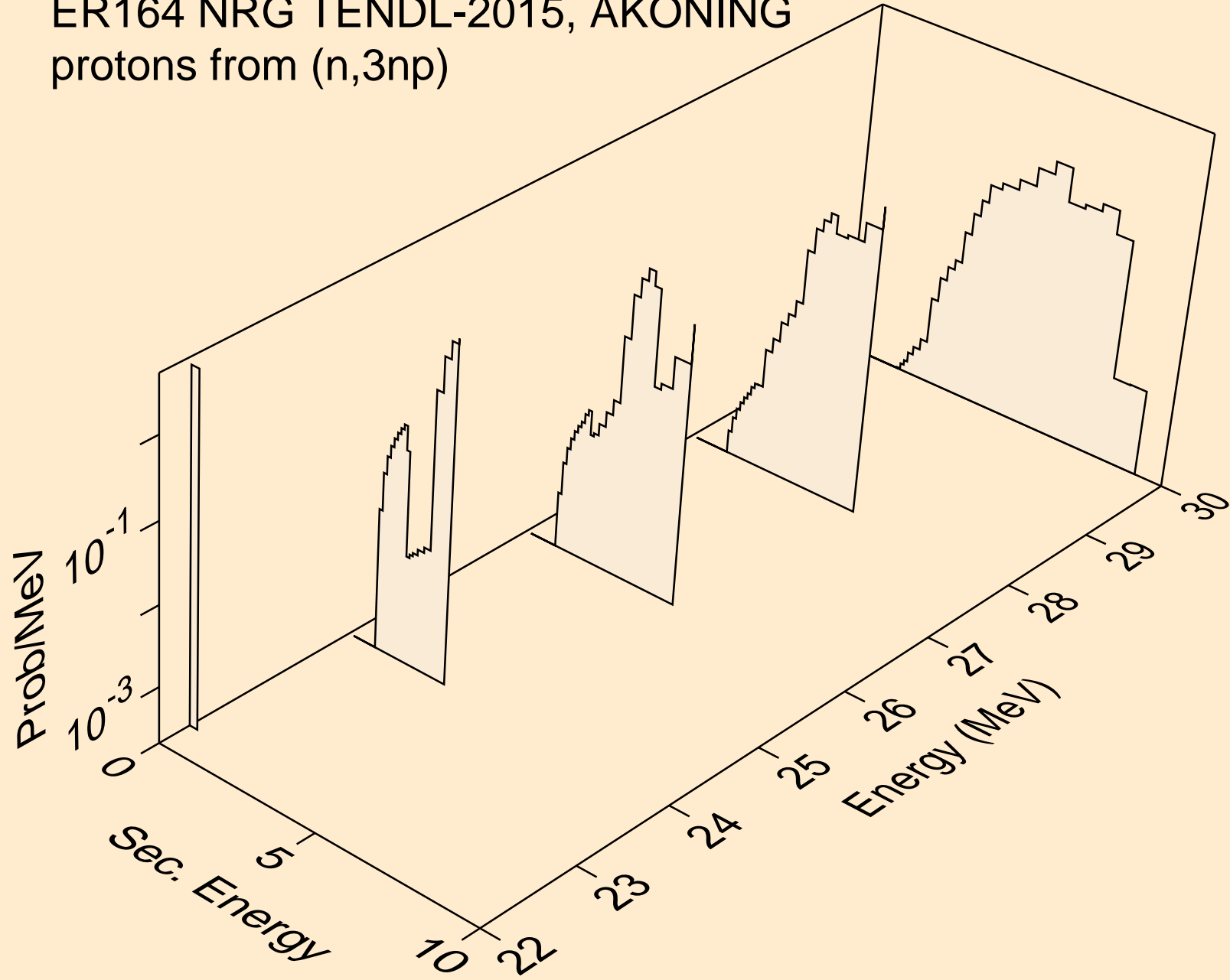
ER164 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



ER164 NRG TENDL-2015, AKONING  
protons from (n,2np)

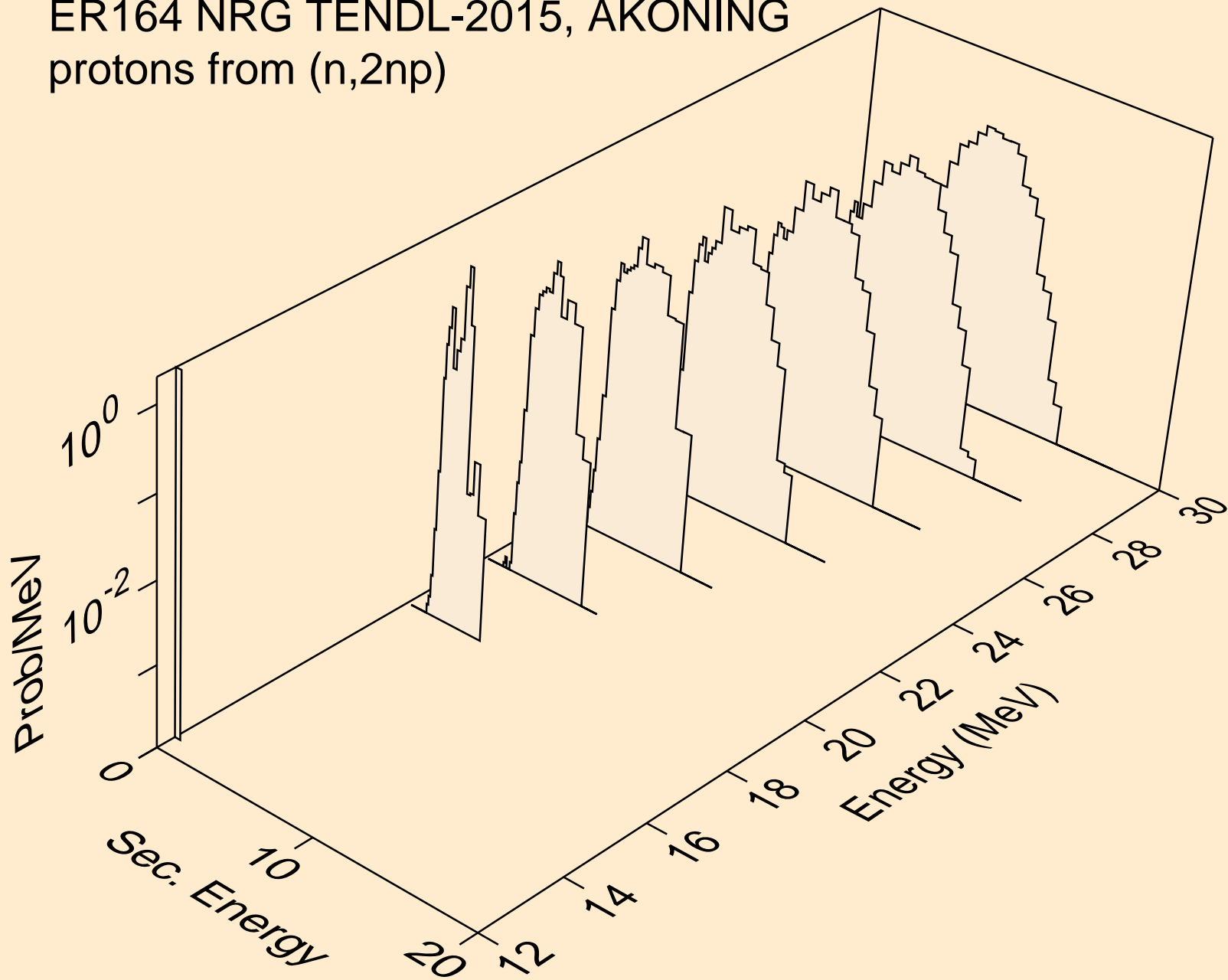


ER164 NRG TENDL-2015, AKONING  
protons from (n,3np)

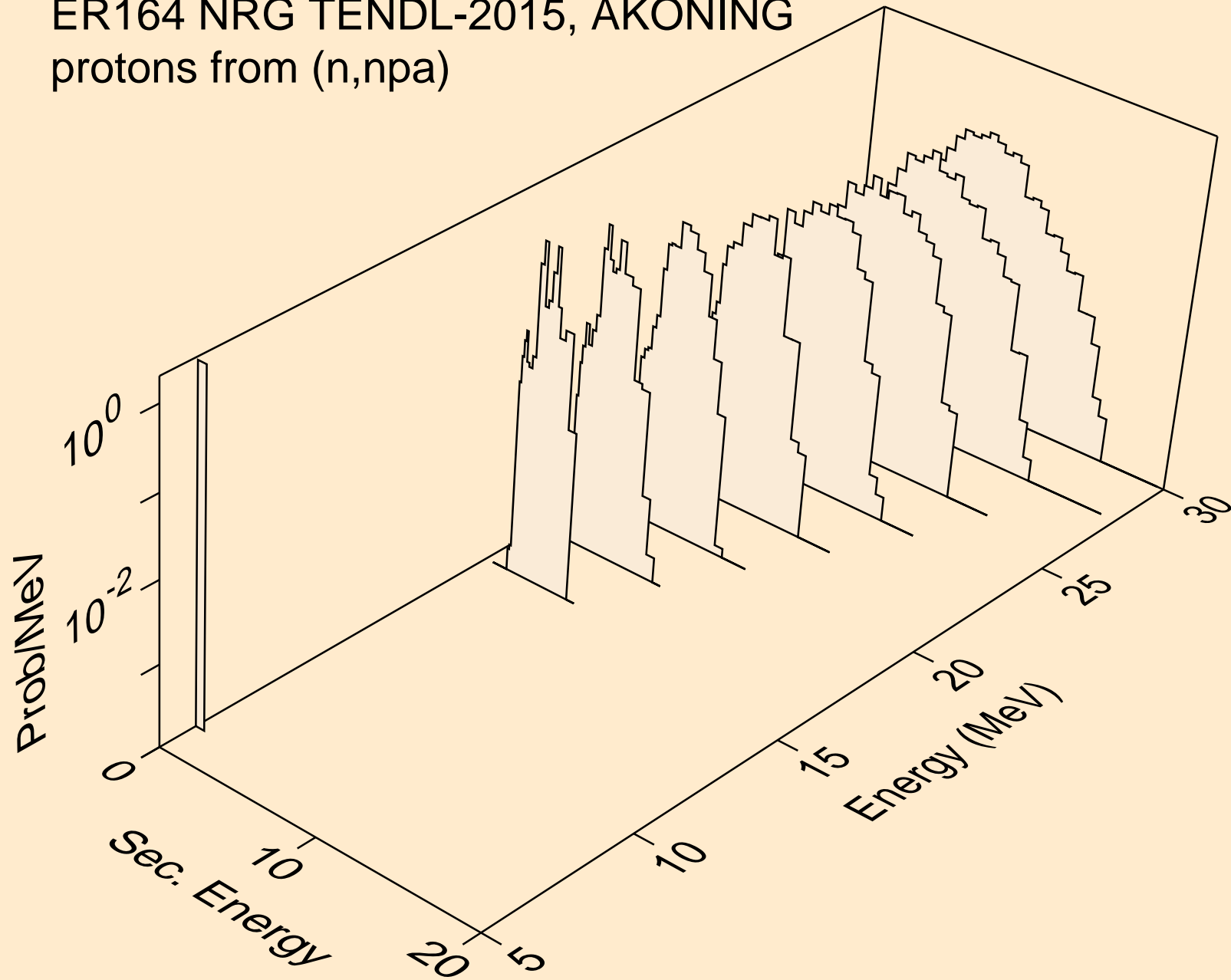




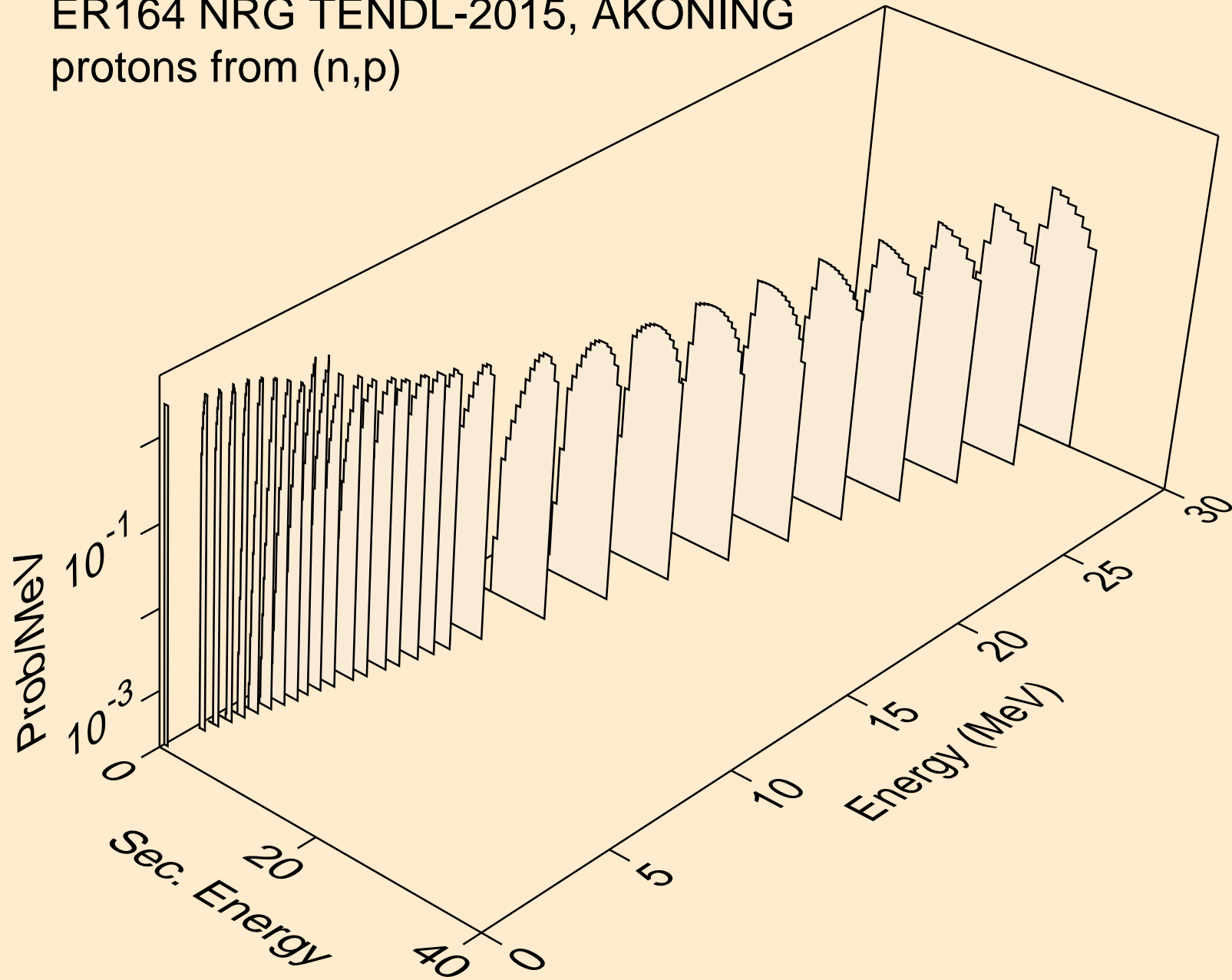
ER164 NRG TENDL-2015, AKONING  
protons from (n,2np)



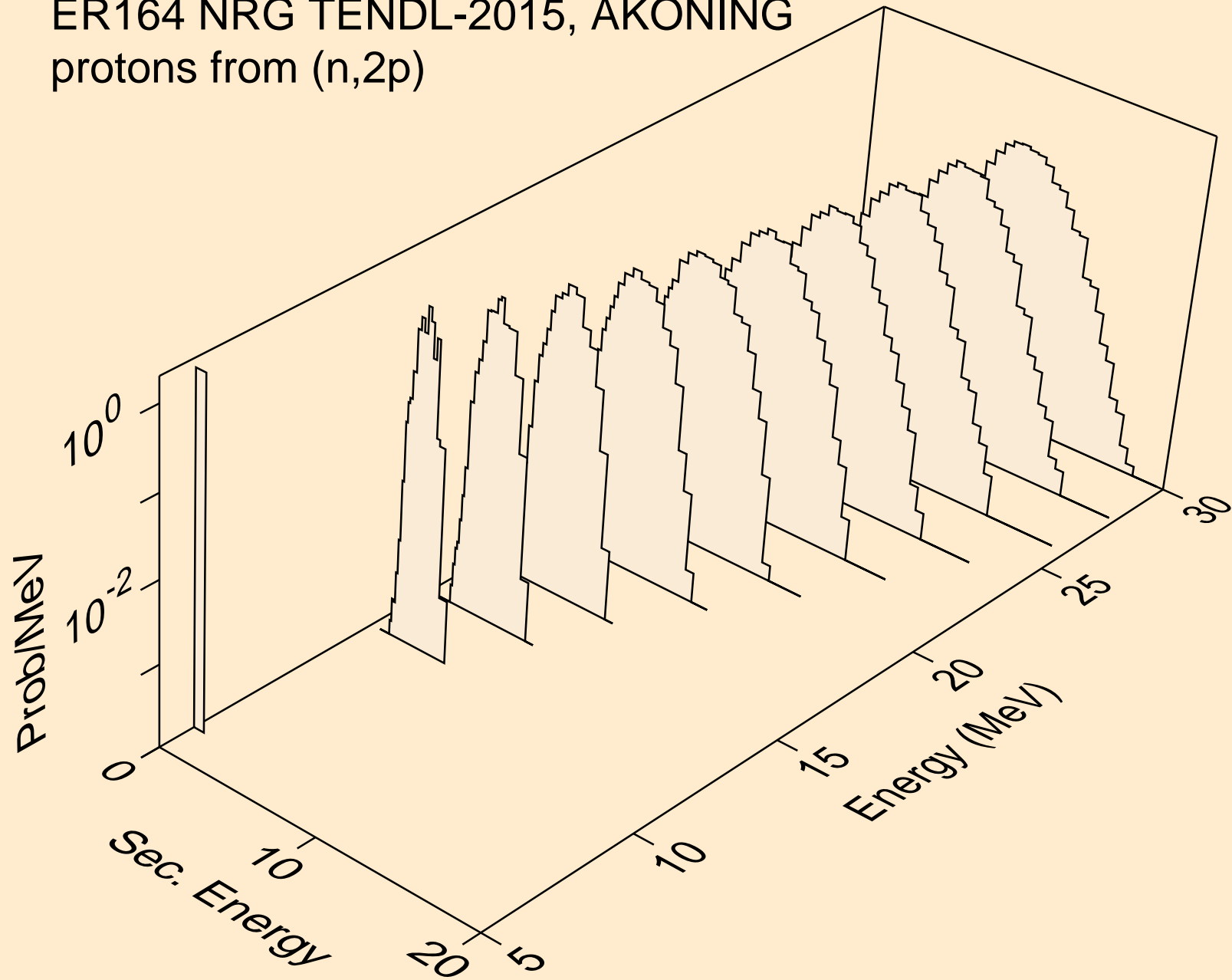
ER164 NRG TENDL-2015, AKONING  
protons from (n,npa)



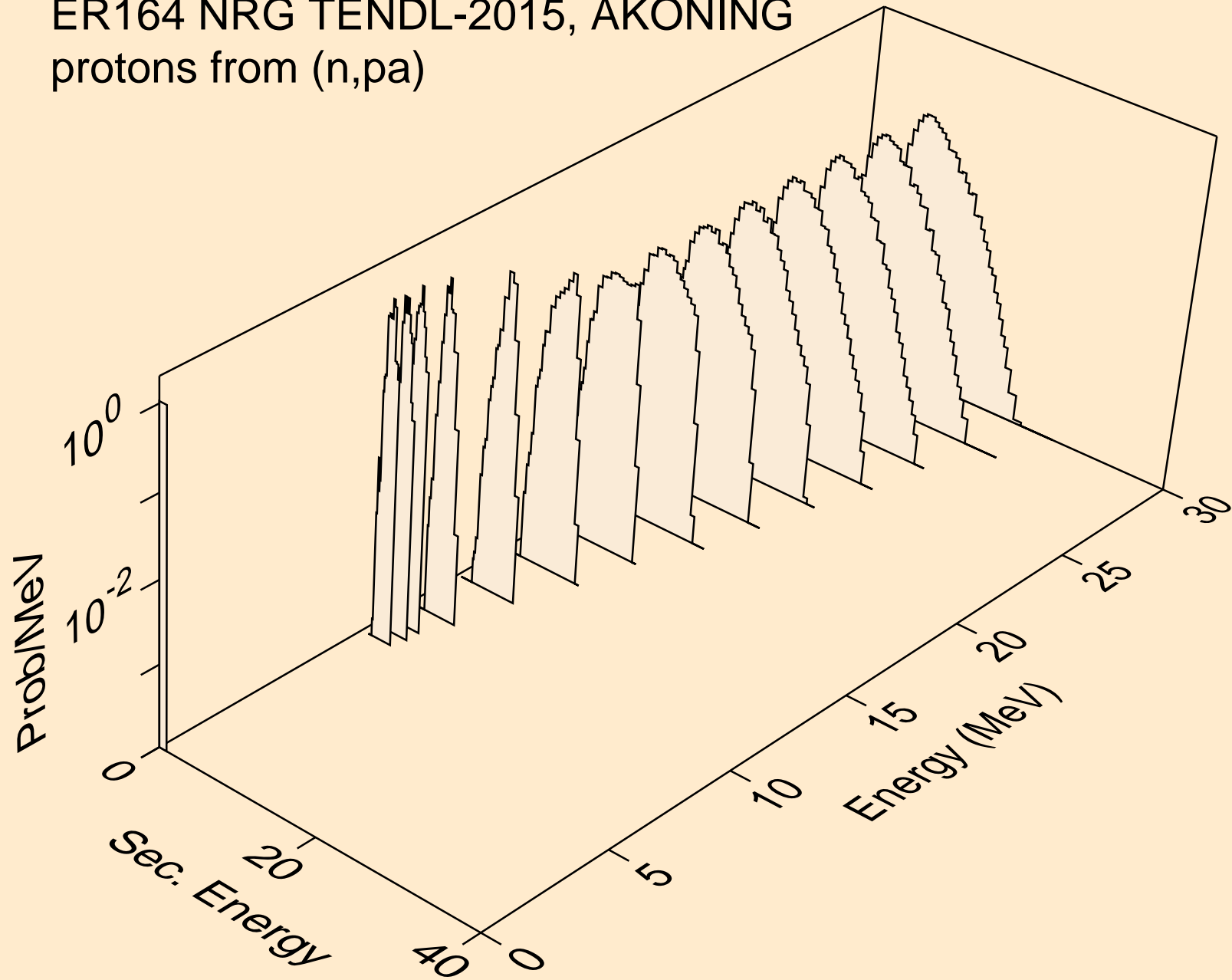
ER164 NRG TENDL-2015, AKONING  
protons from (n,p)



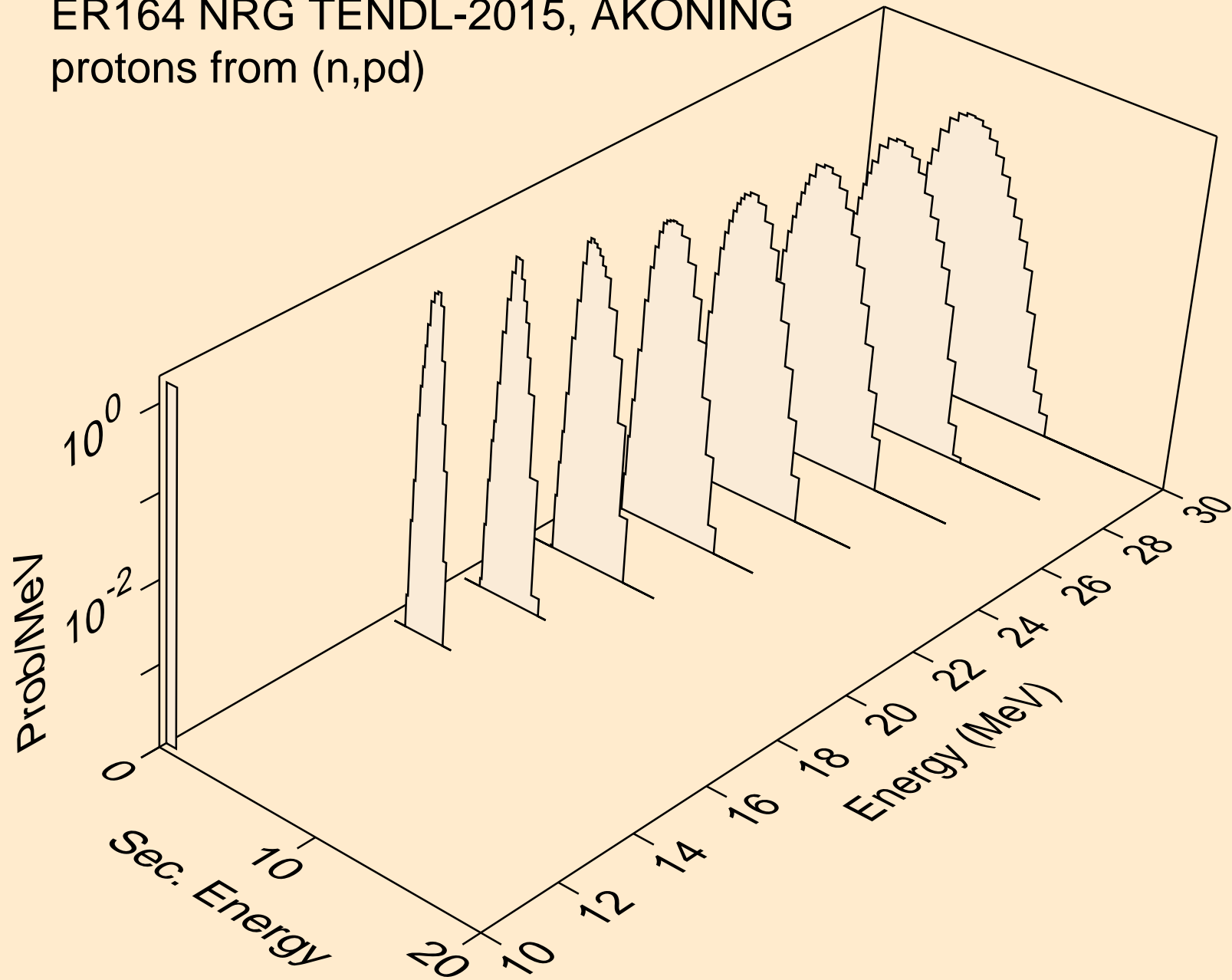
ER164 NRG TENDL-2015, AKONING  
protons from (n,2p)



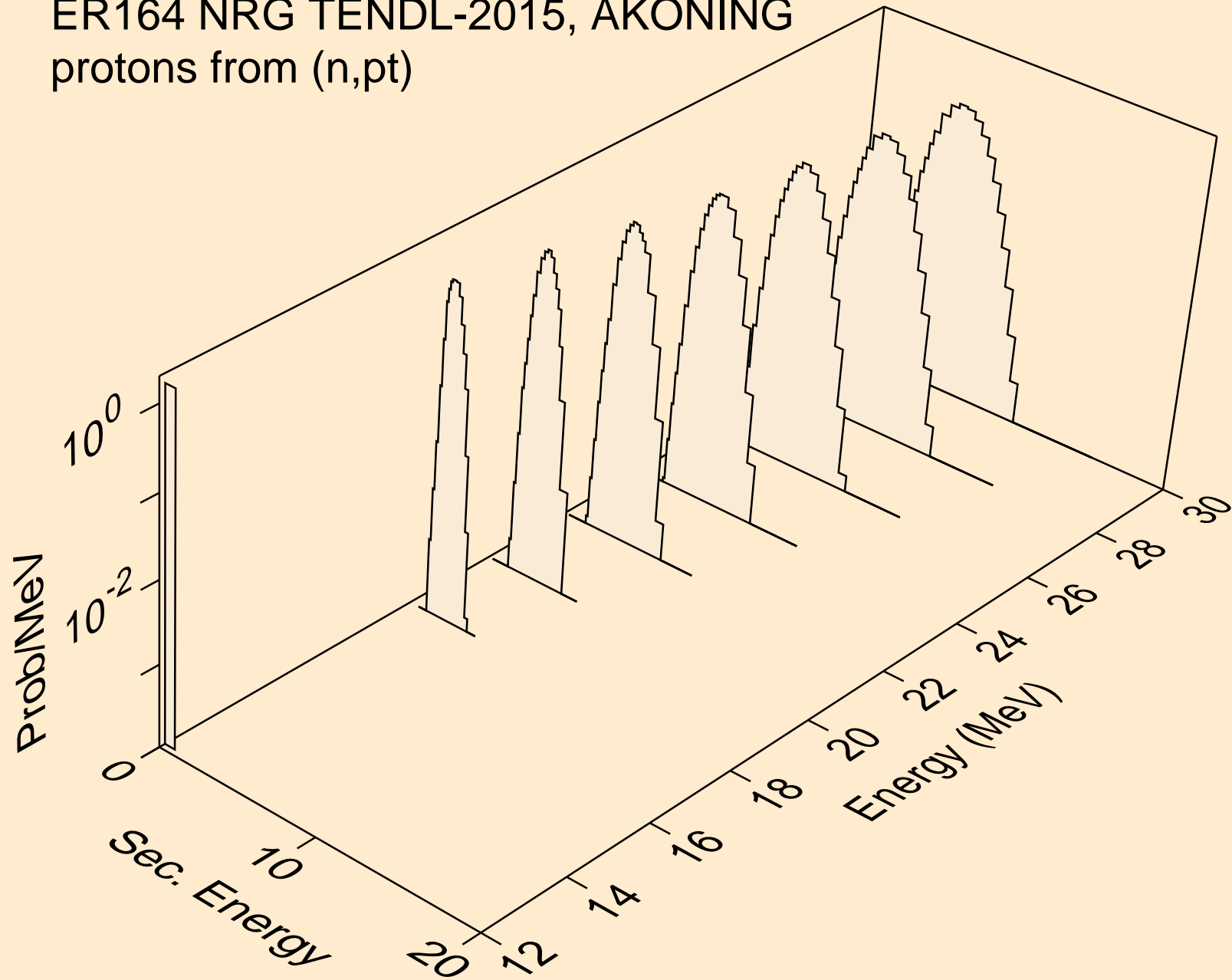
ER164 NRG TENDL-2015, AKONING  
protons from (n,pa)



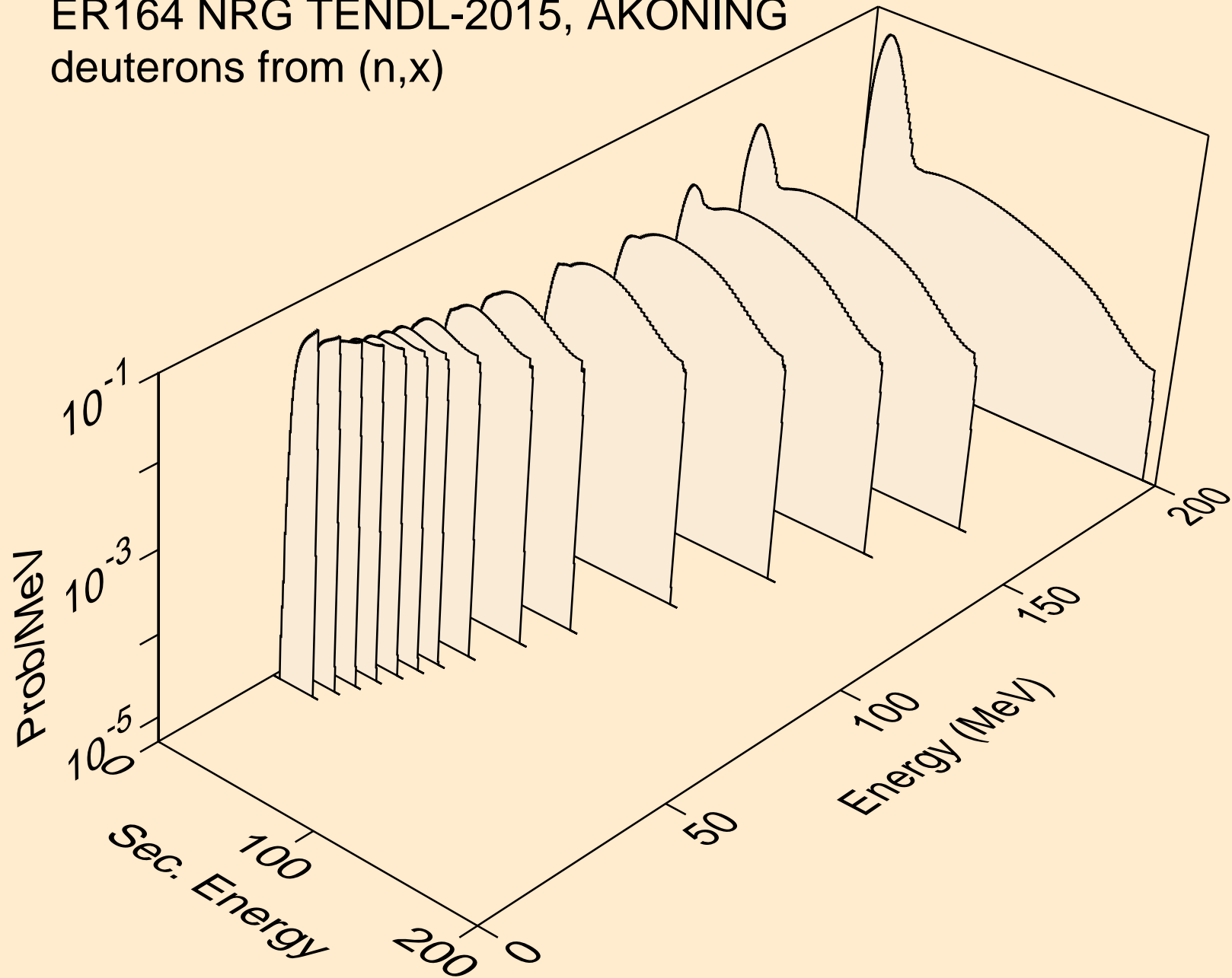
ER164 NRG TENDL-2015, AKONING  
protons from (n,pd)



ER164 NRG TENDL-2015, AKONING  
protons from (n,pt)

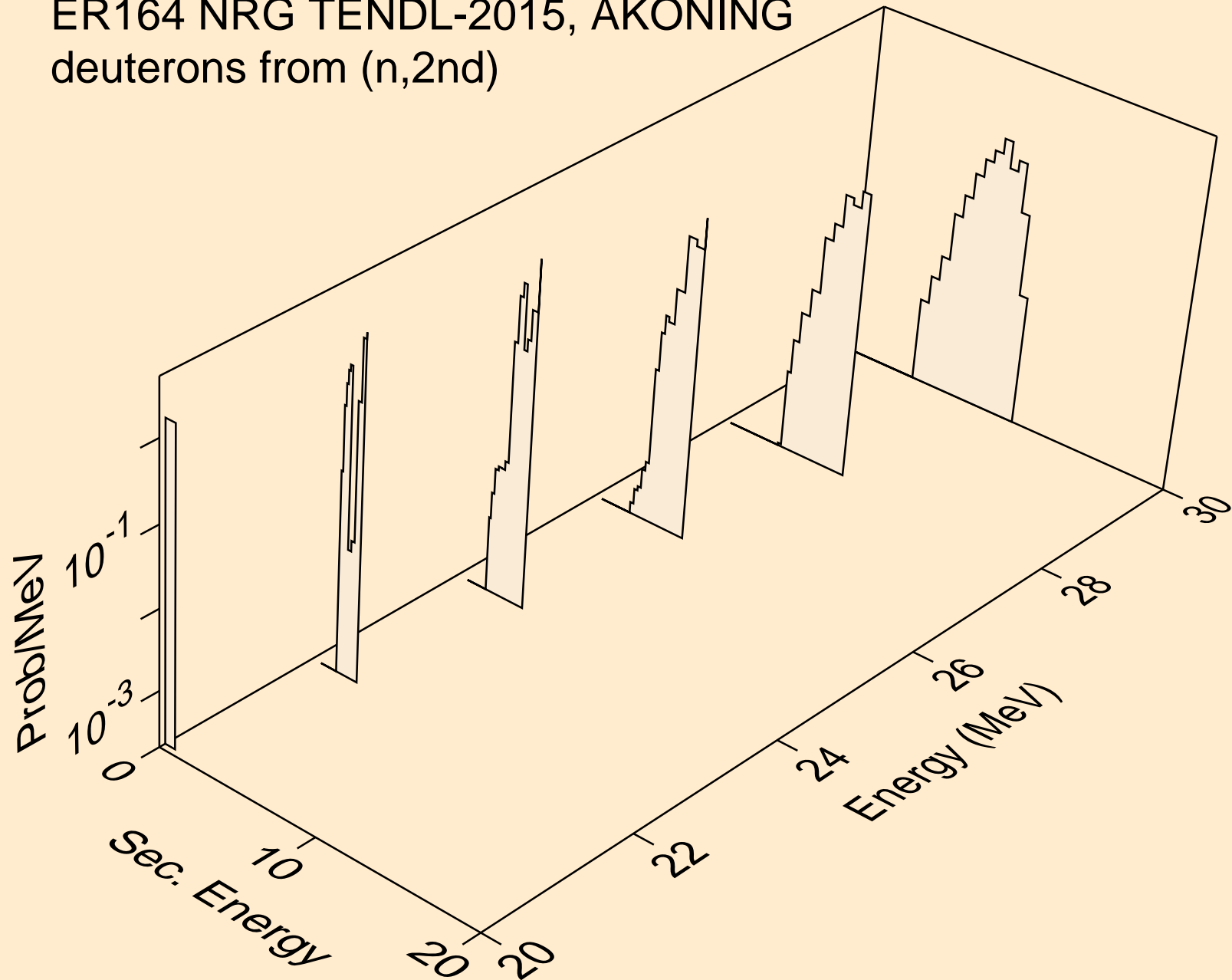


ER164 NRG TENDL-2015, AKONING  
deuterons from (n,x)

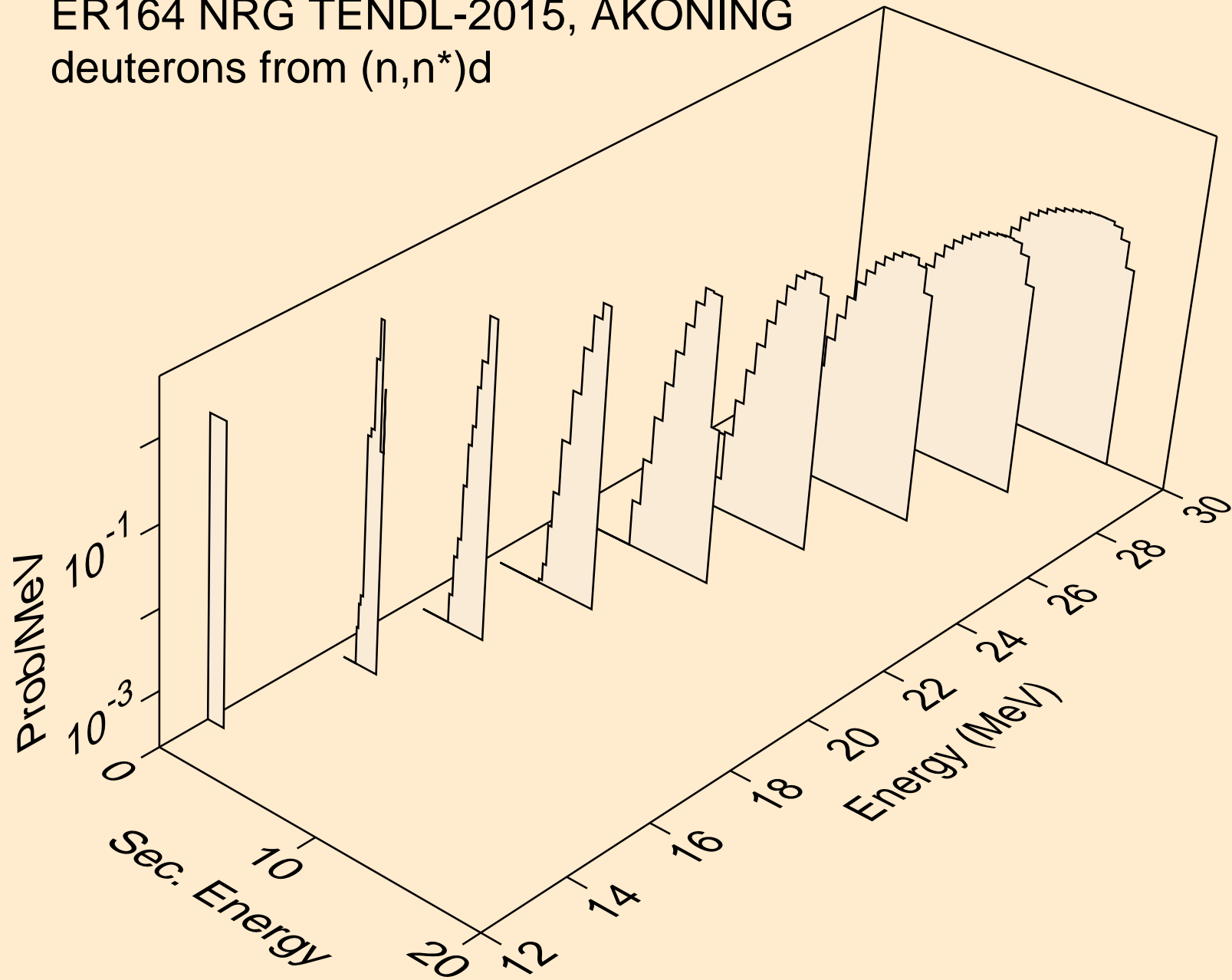




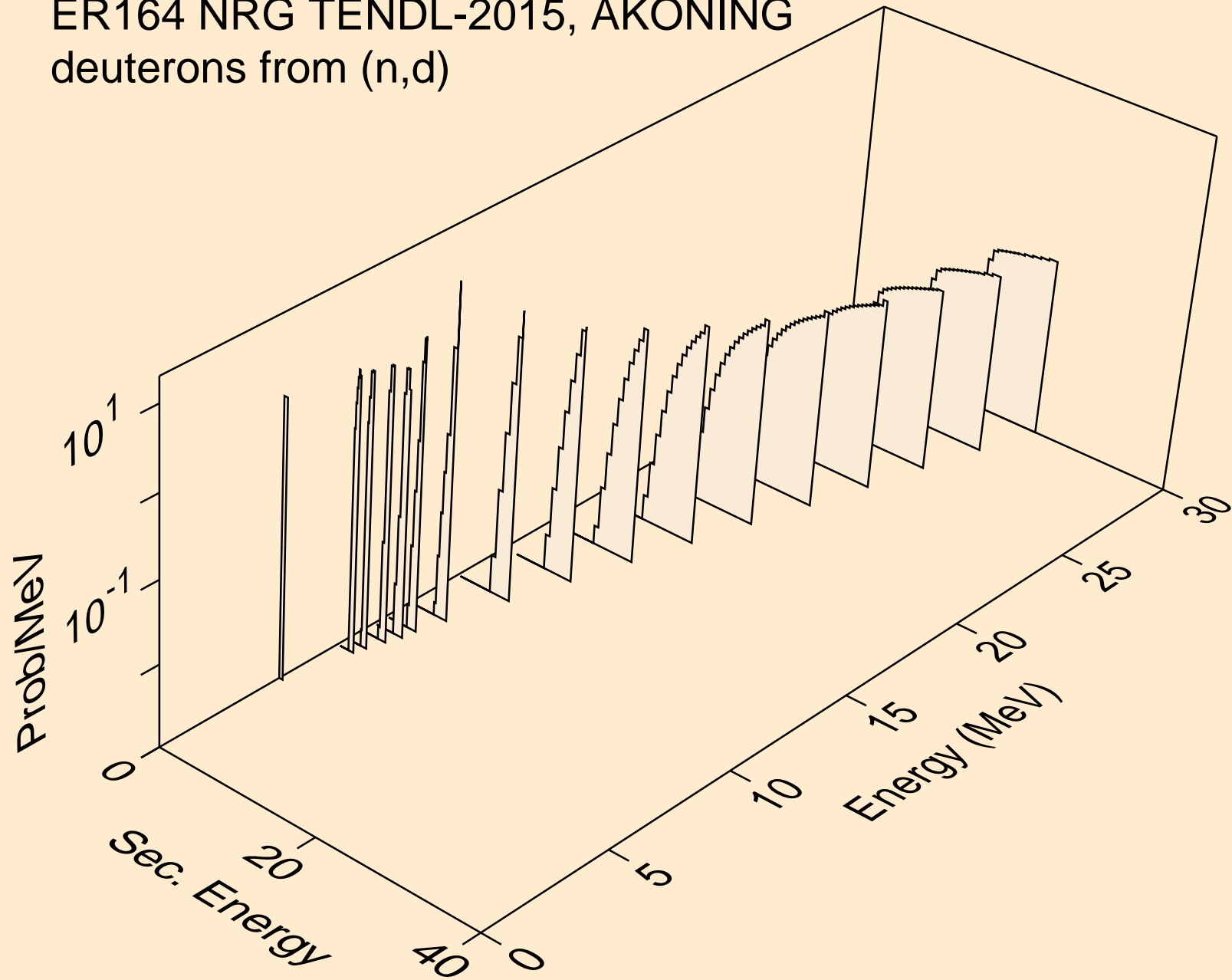
ER164 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



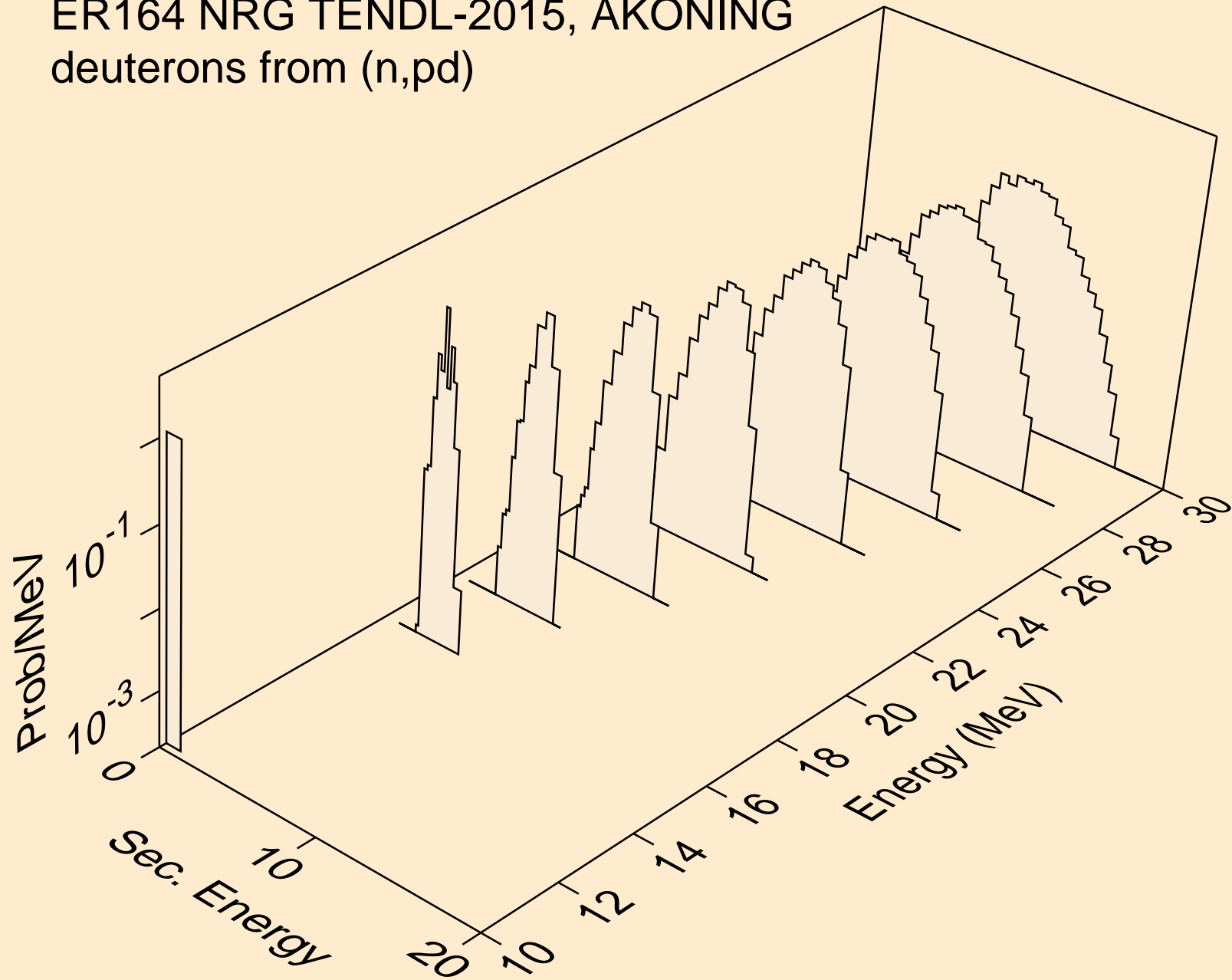
ER164 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



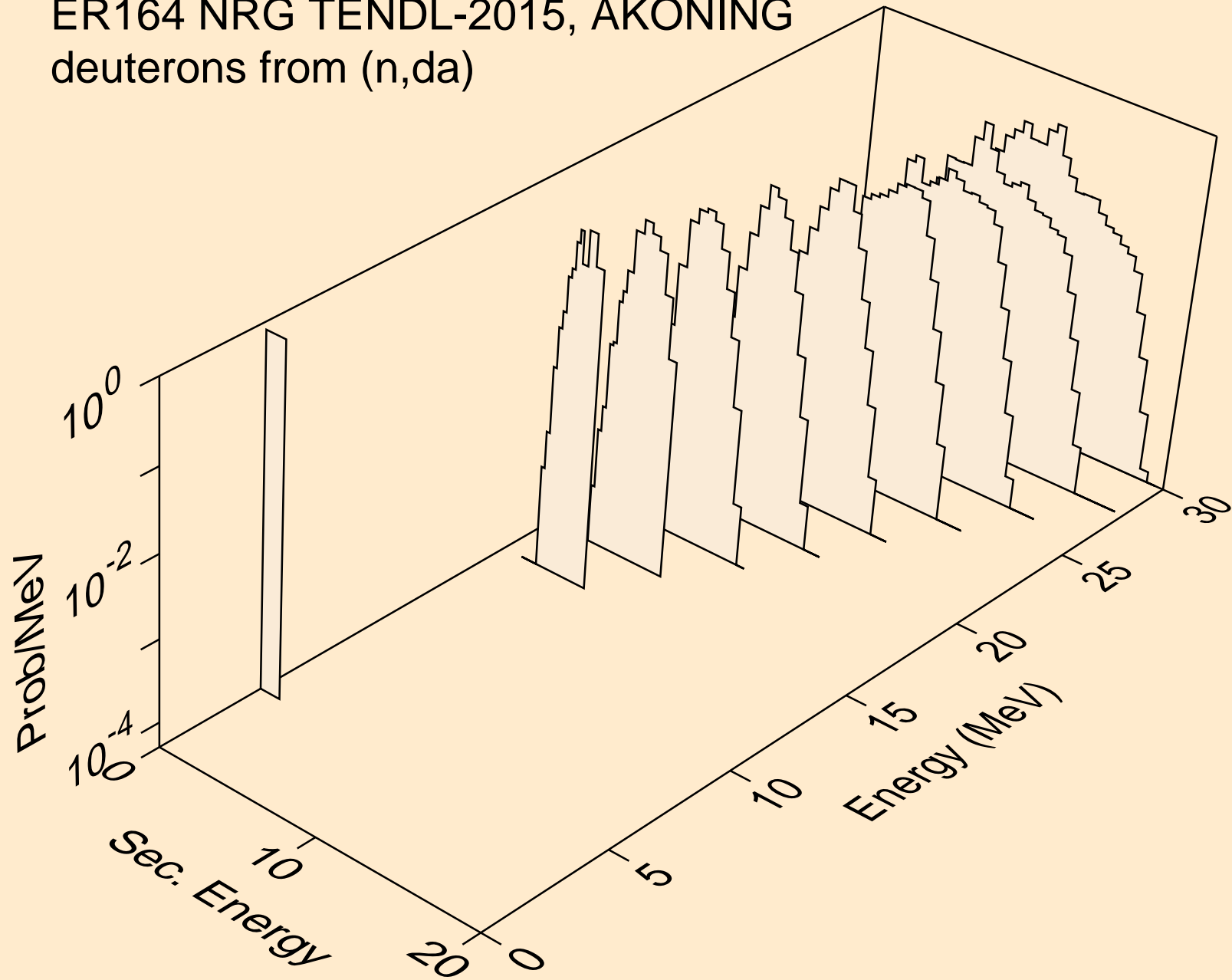
ER164 NRG TENDL-2015, AKONING  
deuterons from (n,d)



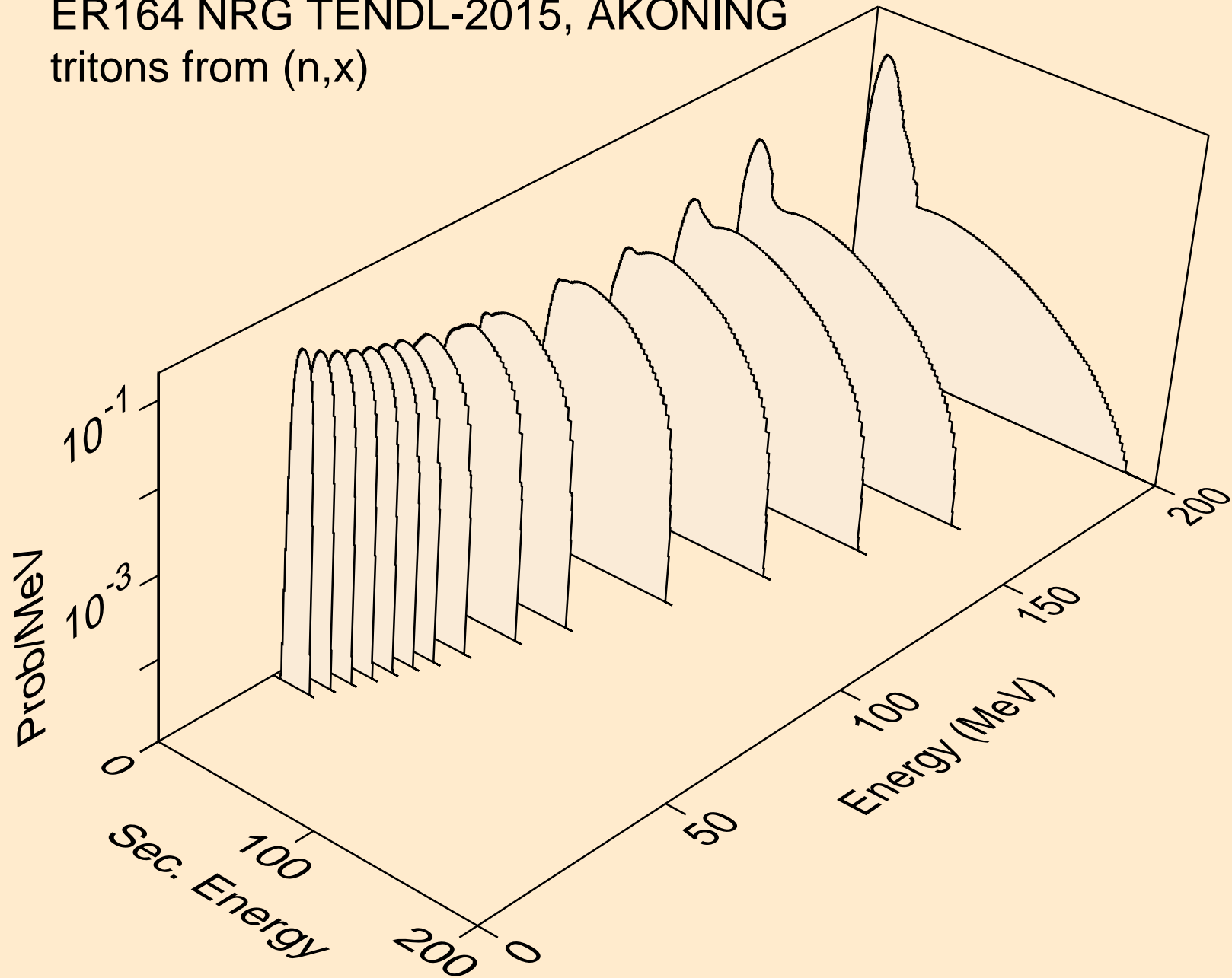
ER164 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



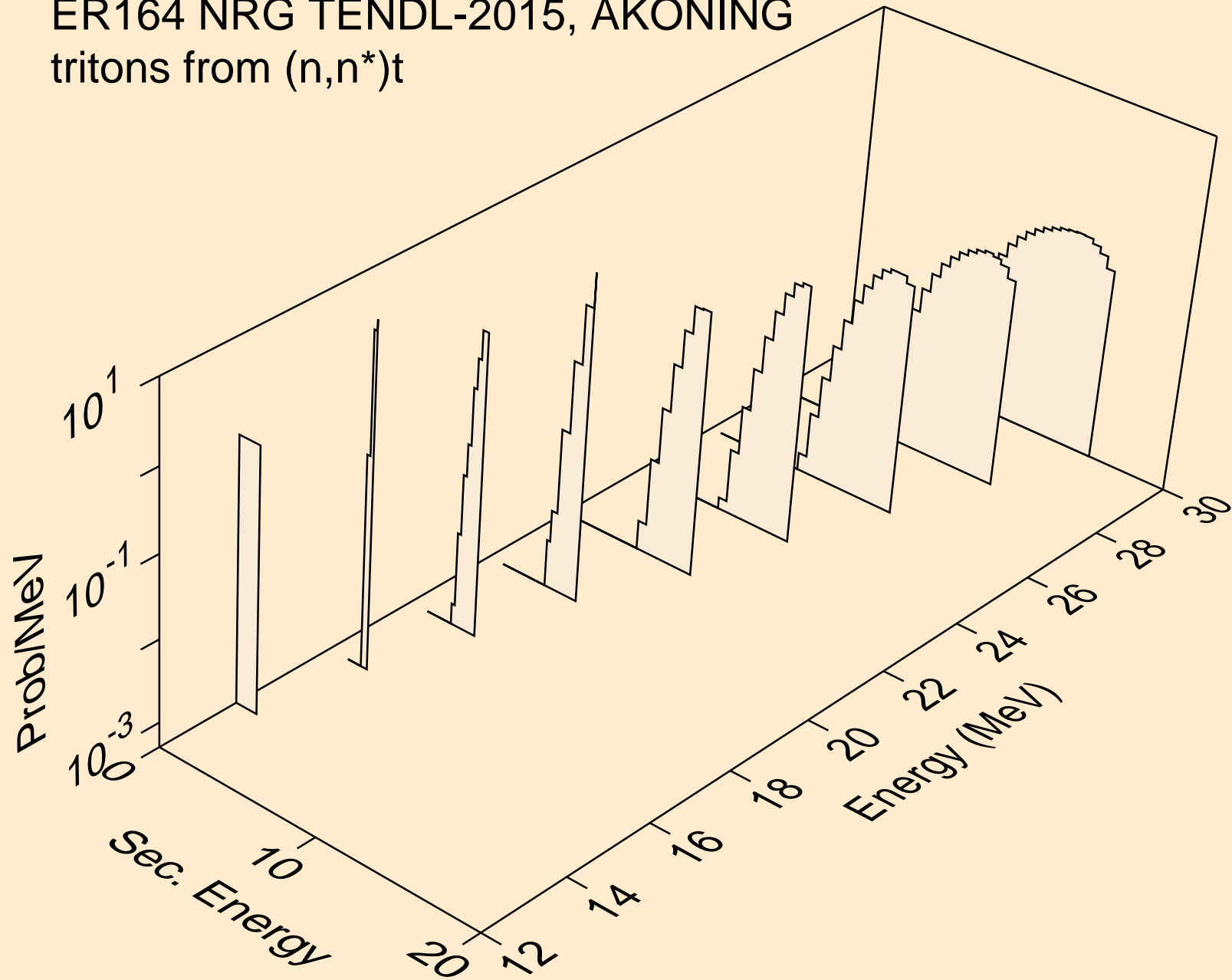
ER164 NRG TENDL-2015, AKONING  
deuterons from (n,da)



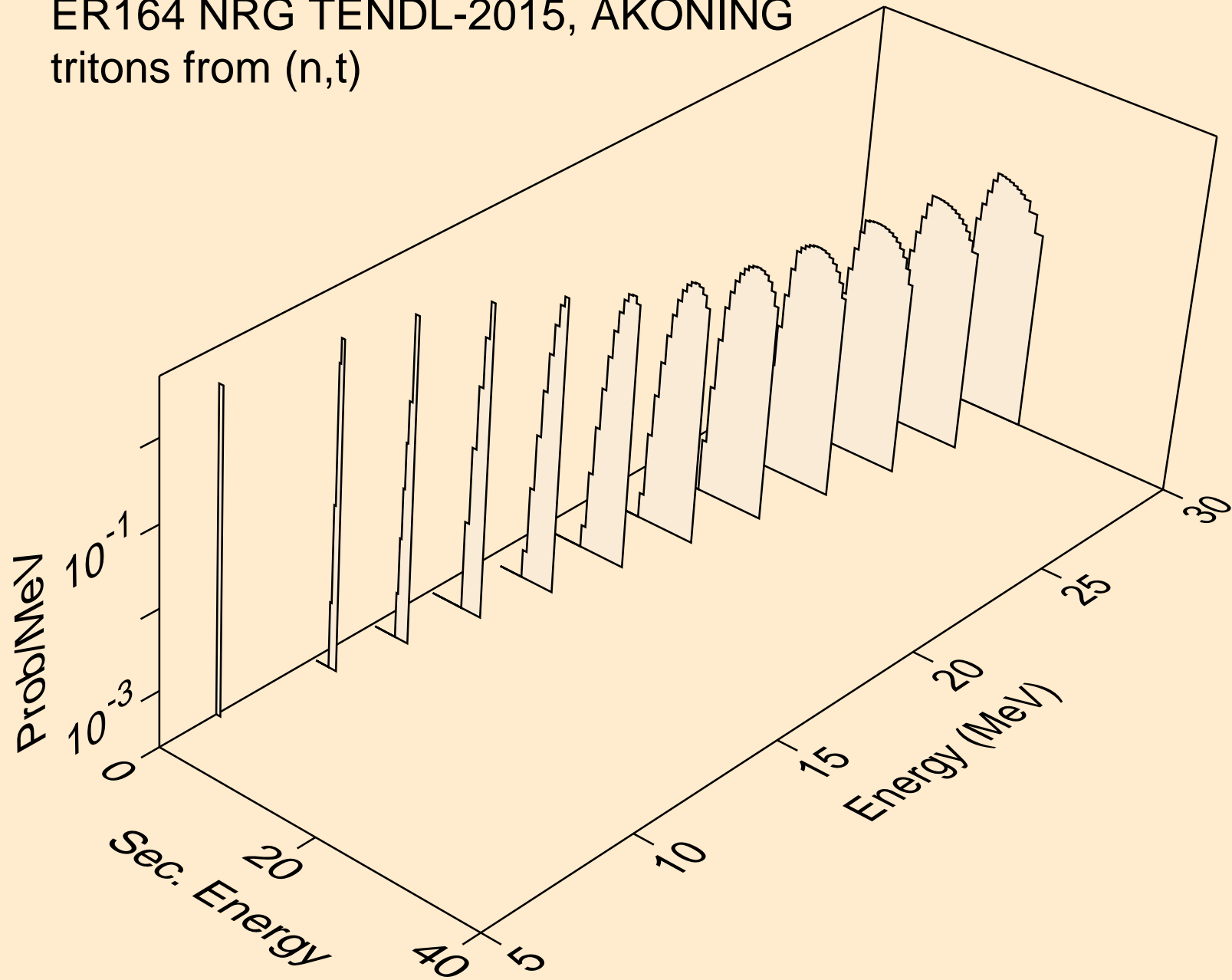
ER164 NRG TENDL-2015, AKONING  
tritons from (n,x)



ER164 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

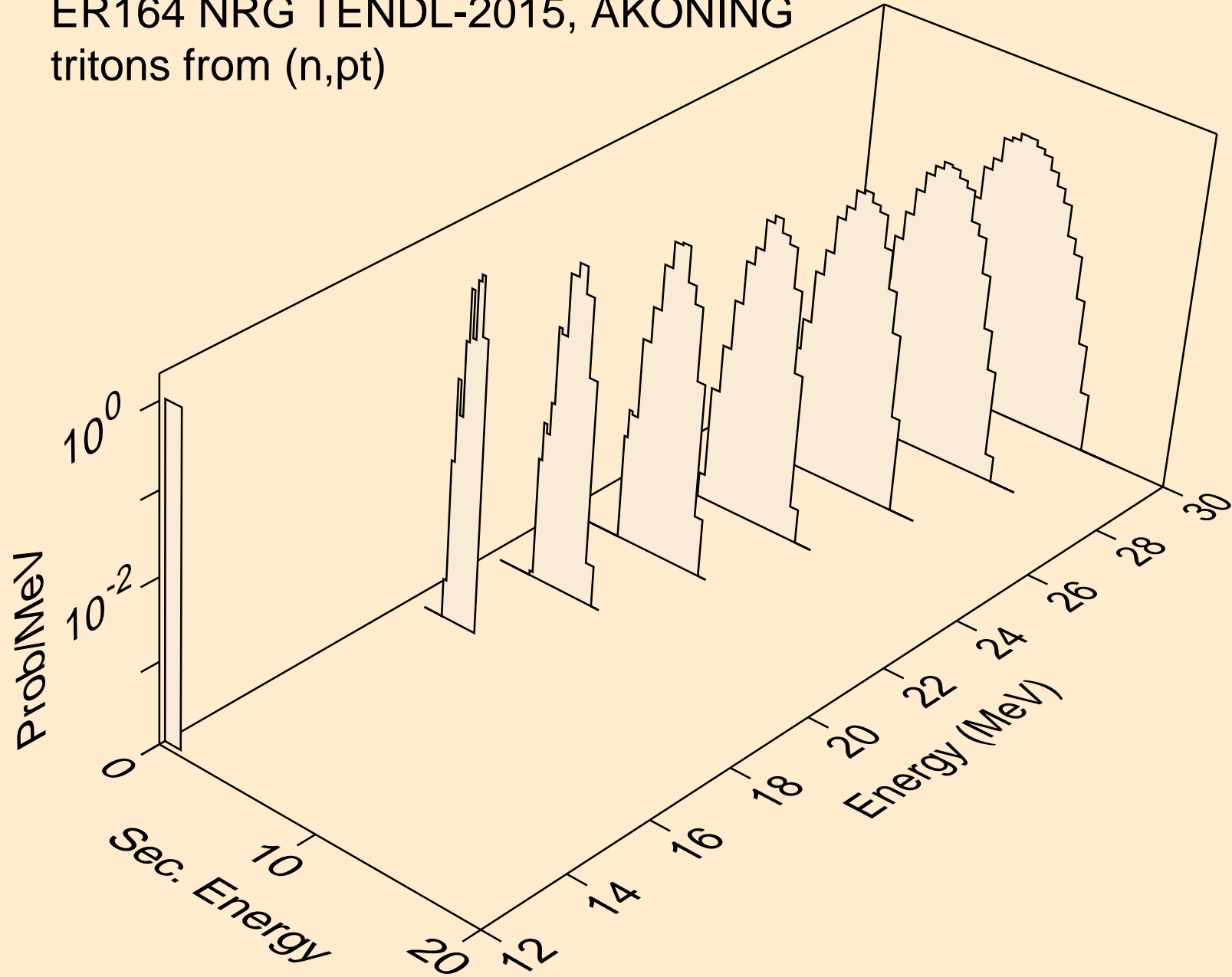


ER164 NRG TENDL-2015, AKONING  
tritons from (n,t)

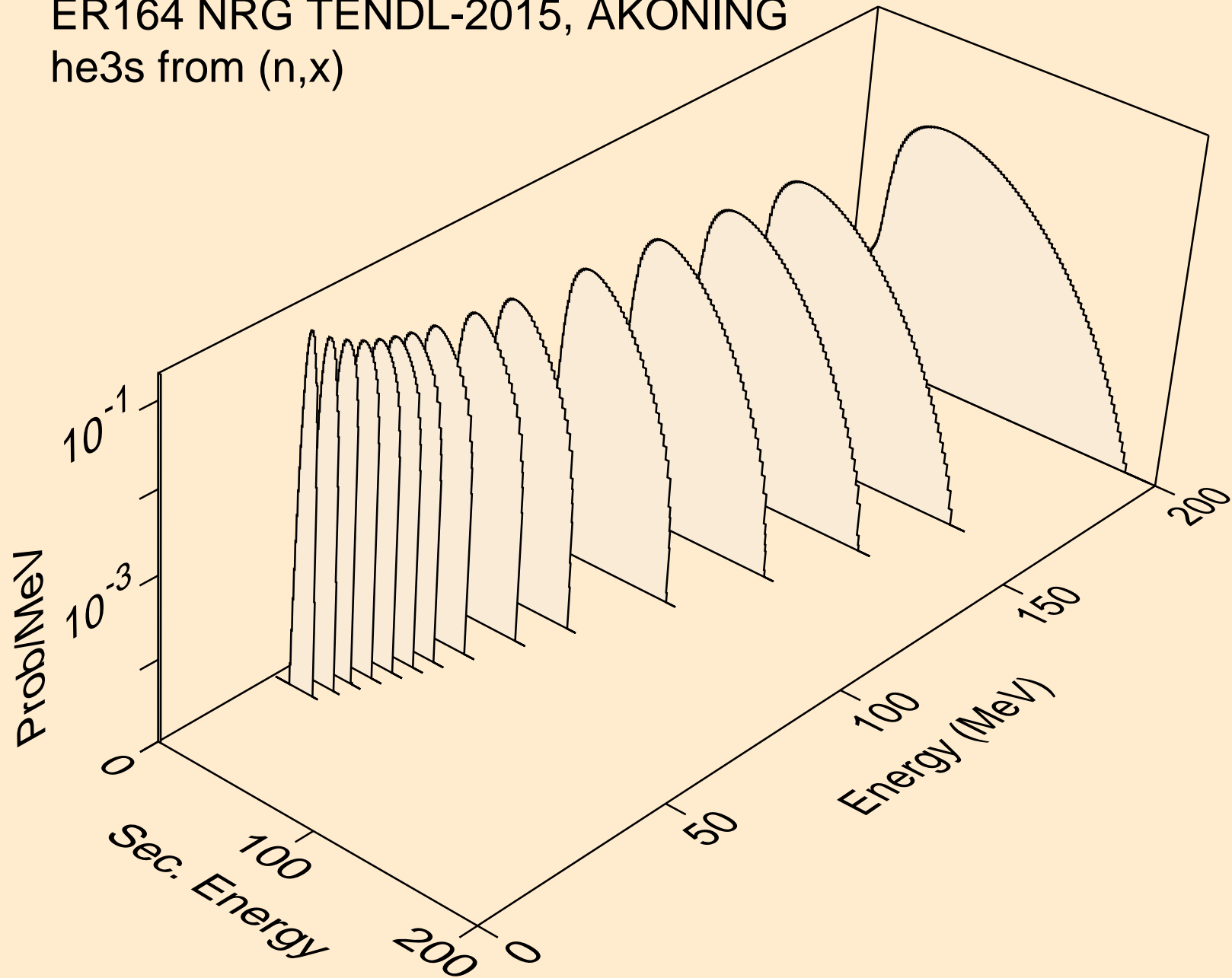




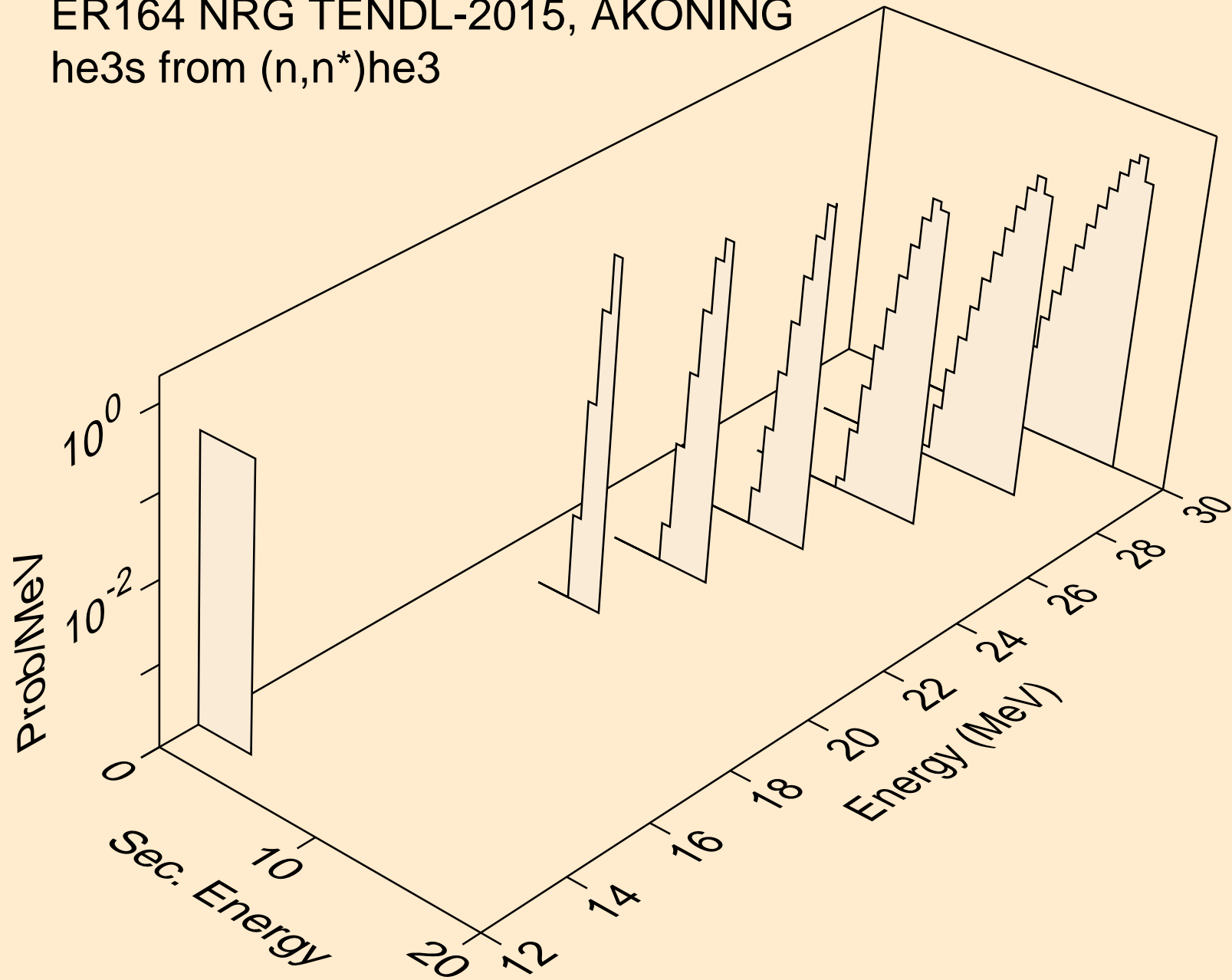
ER164 NRG TENDL-2015, AKONING  
tritons from (n,pt)



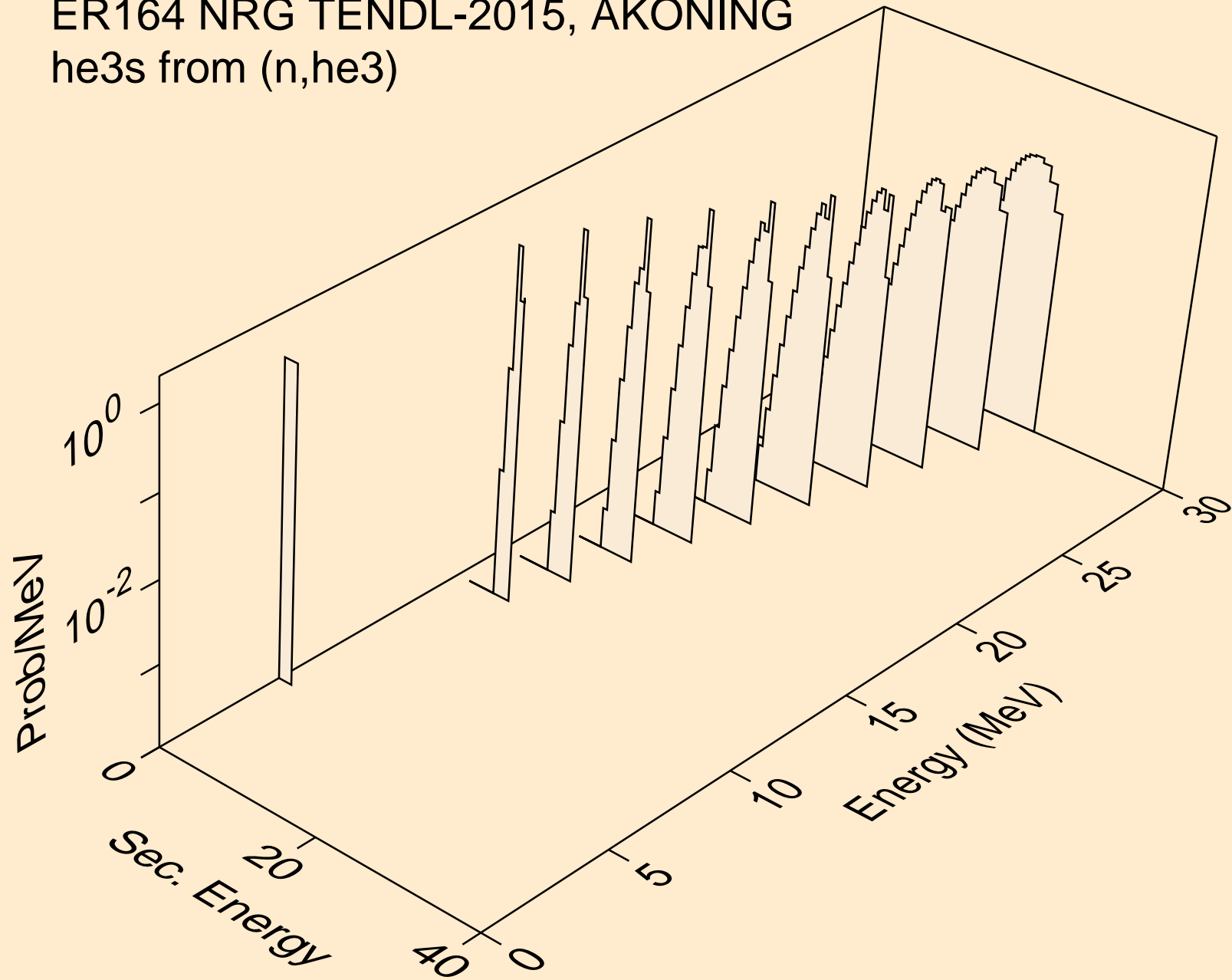
ER164 NRG TENDL-2015, AKONING  
he3s from (n,x)



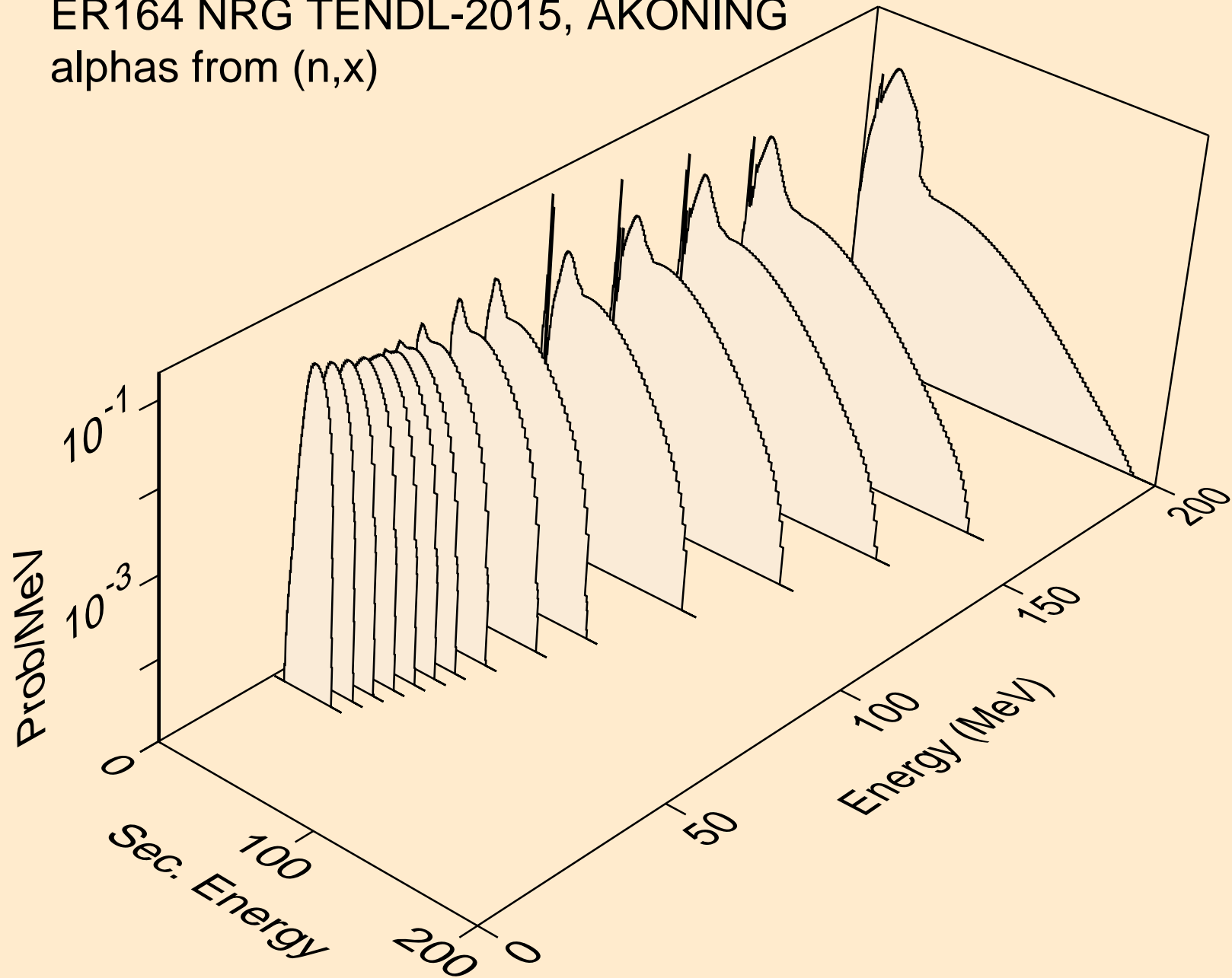
ER164 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



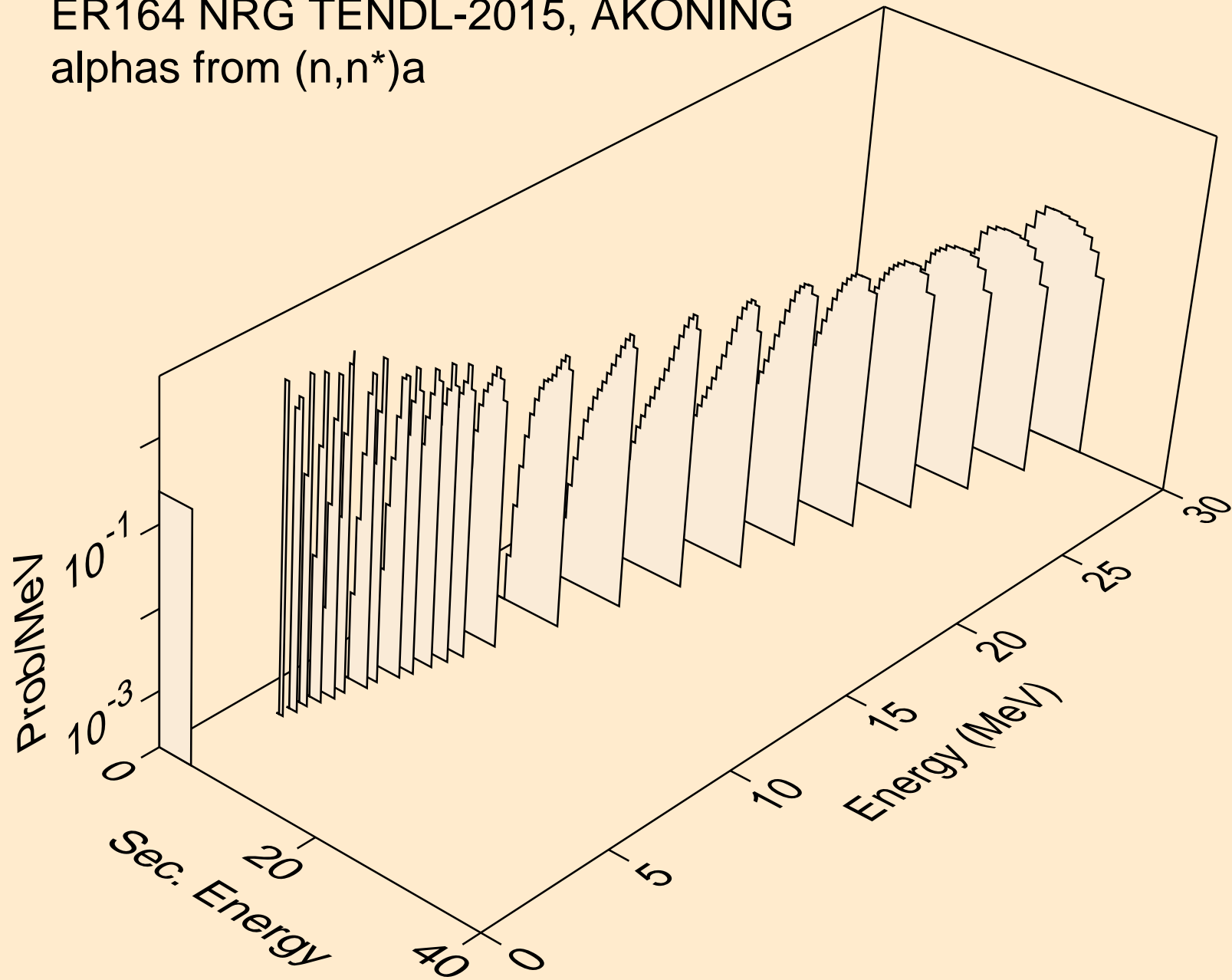
ER164 NRG TENDL-2015, AKONING  
he3s from (n,he3)



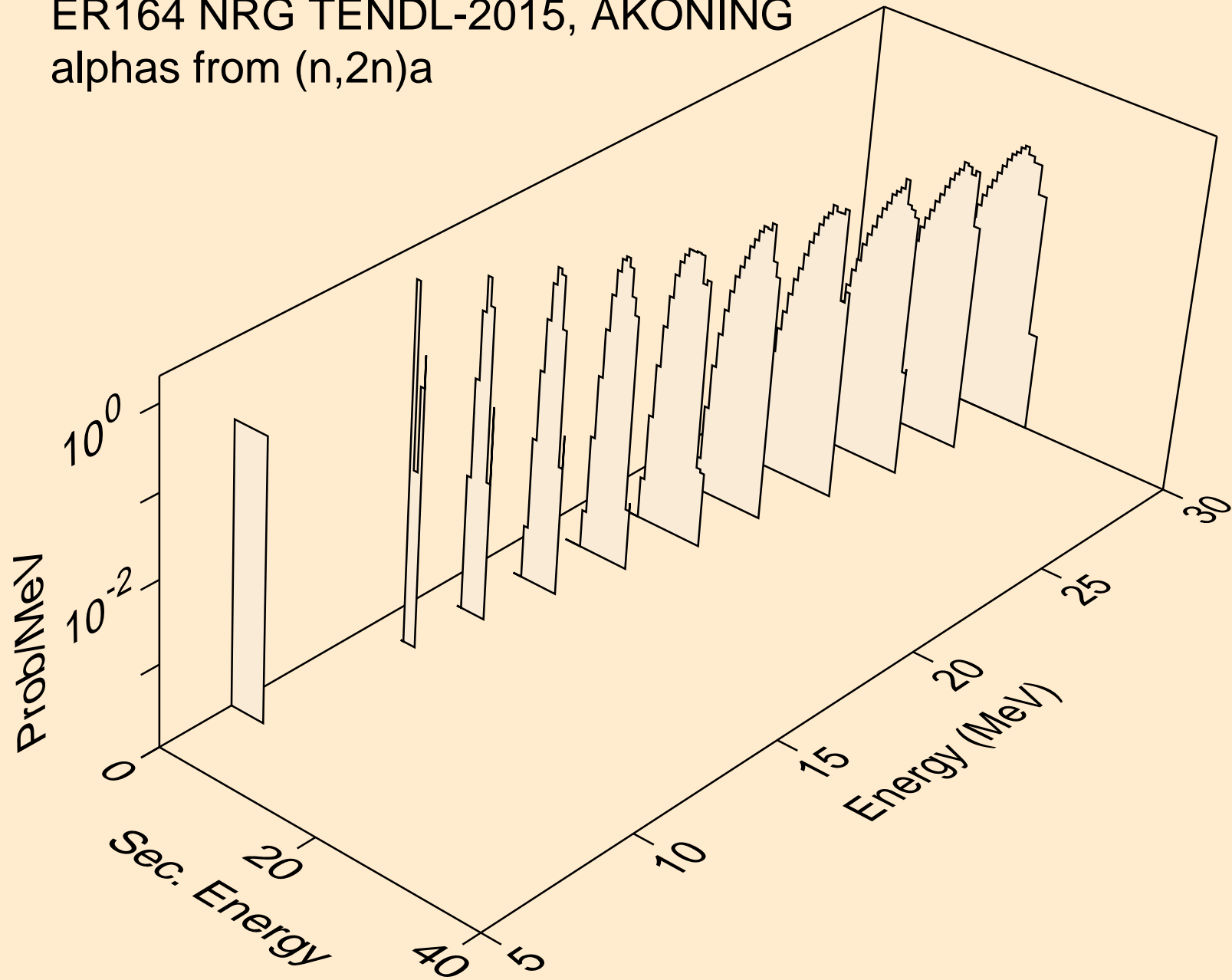
ER164 NRG TENDL-2015, AKONING  
alphas from (n,x)



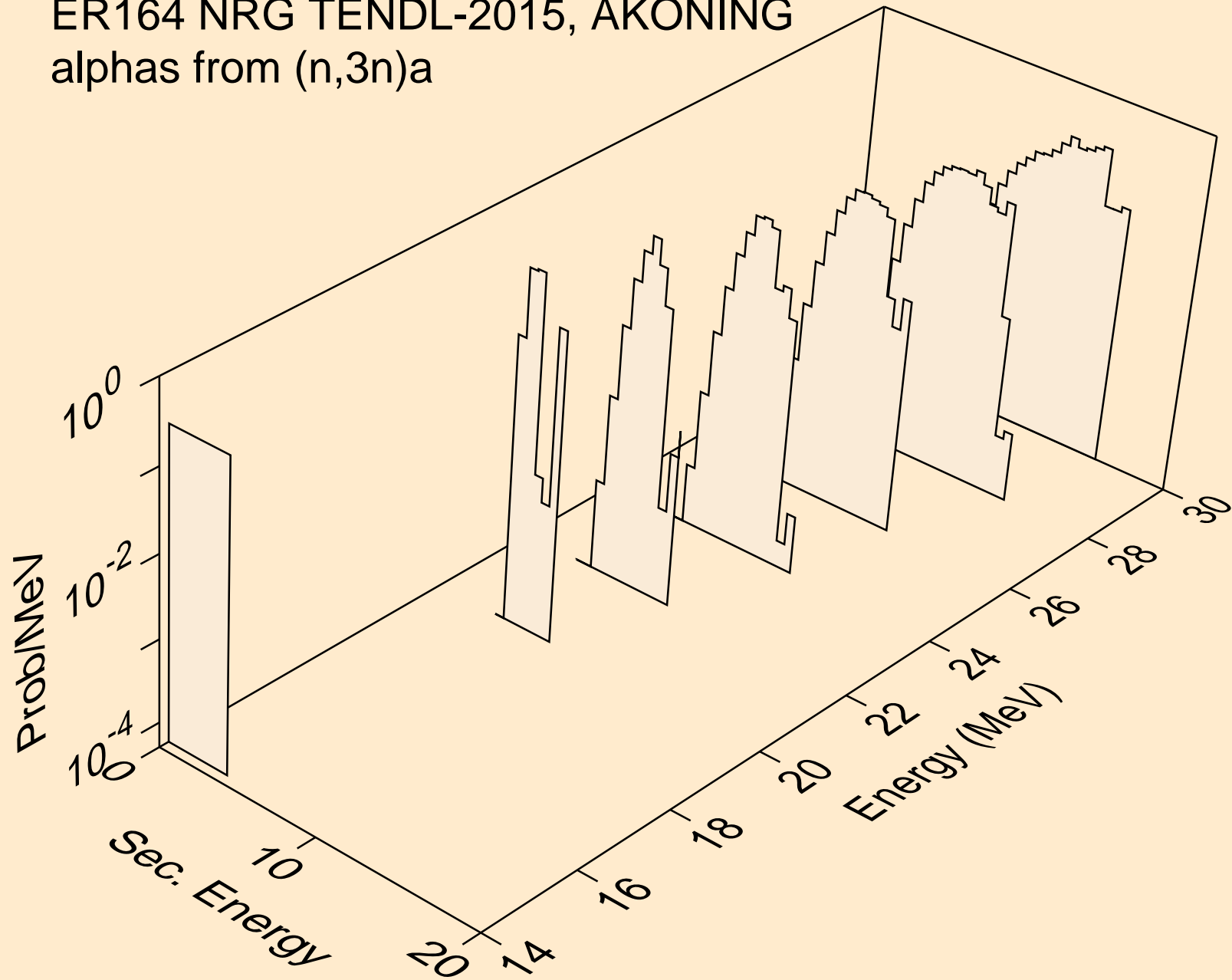
ER164 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



ER164 NRG TENDL-2015, AKONING  
alphas from (n,2n)a

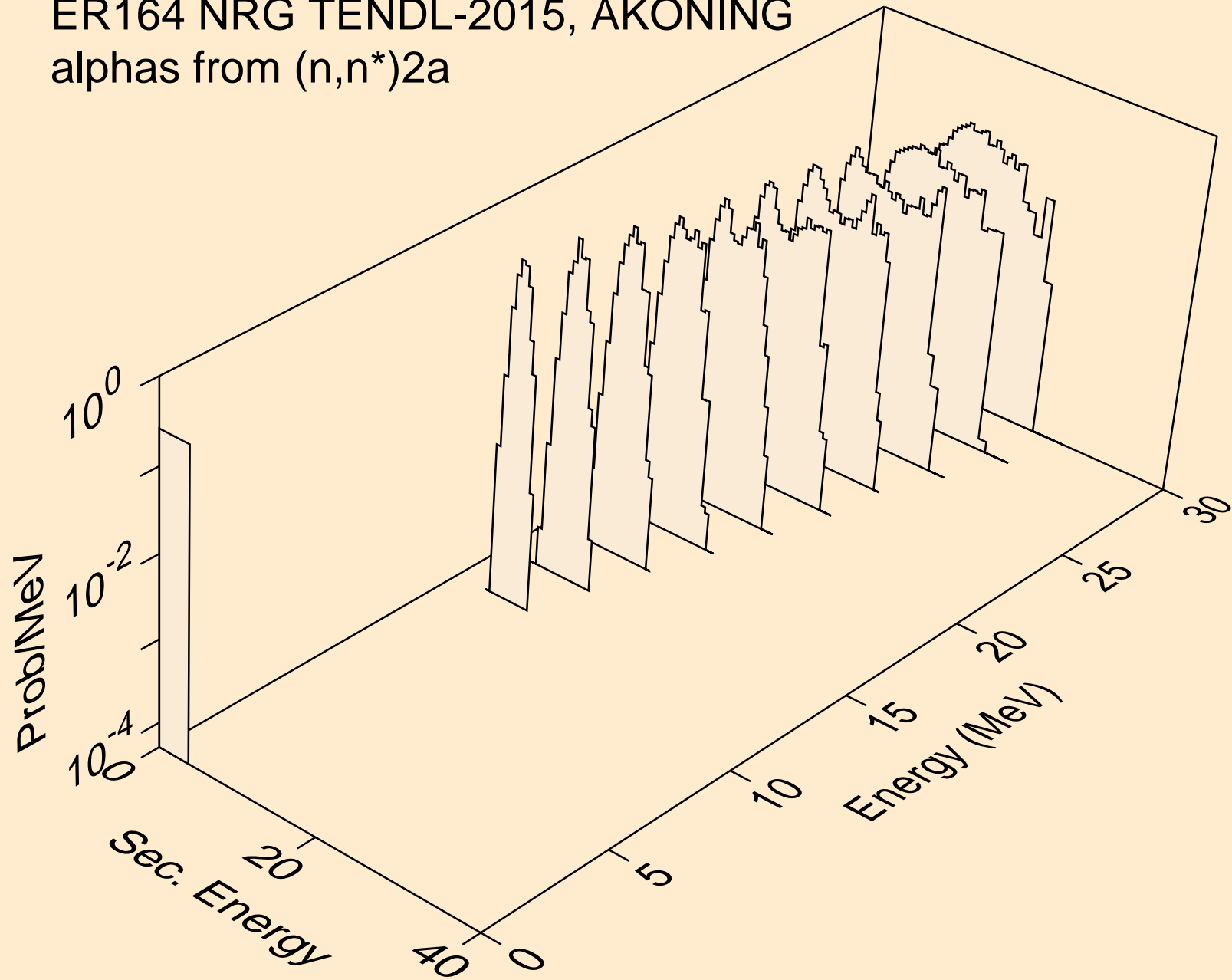


ER164 NRG TENDL-2015, AKONING  
alphas from (n,3n)a

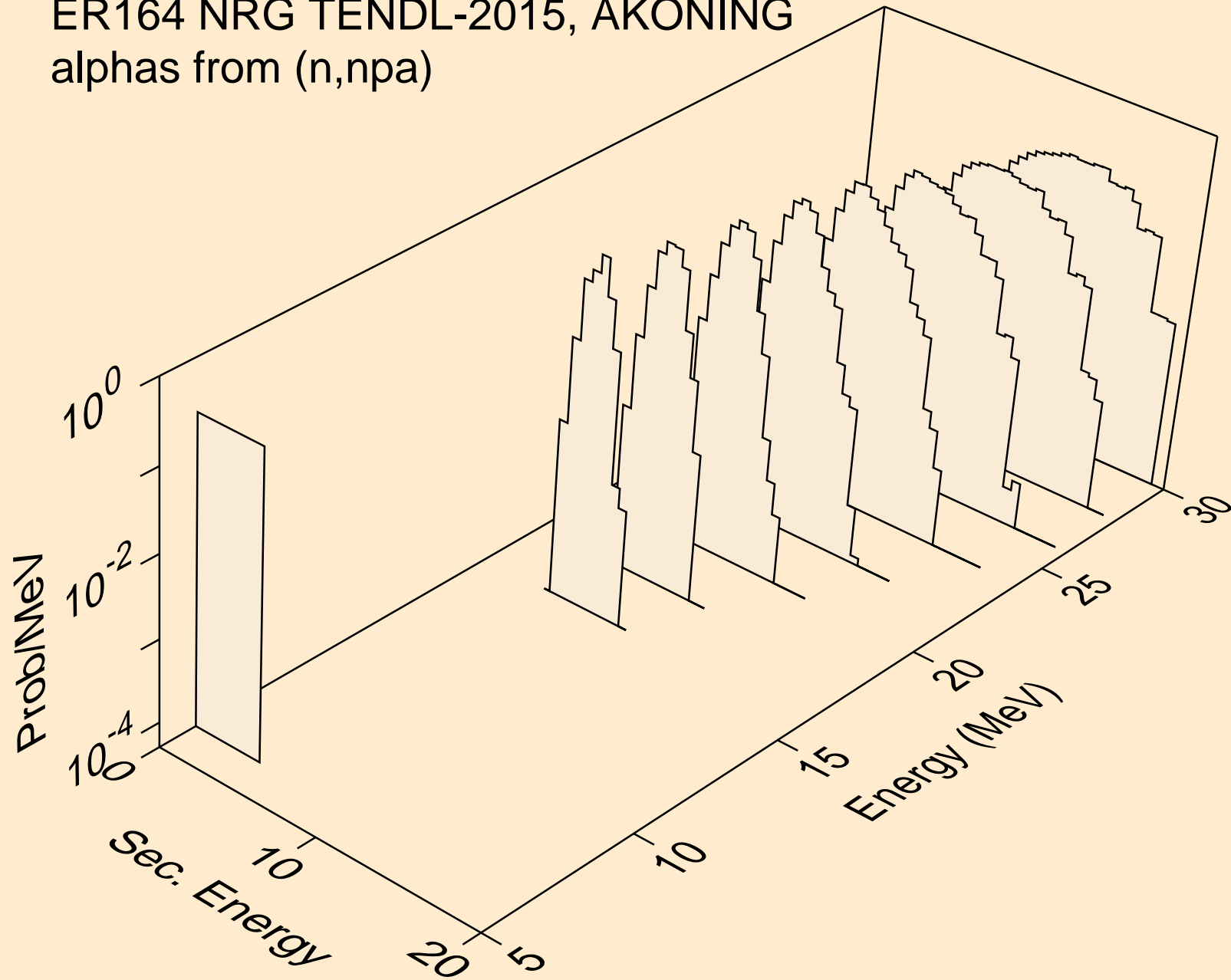




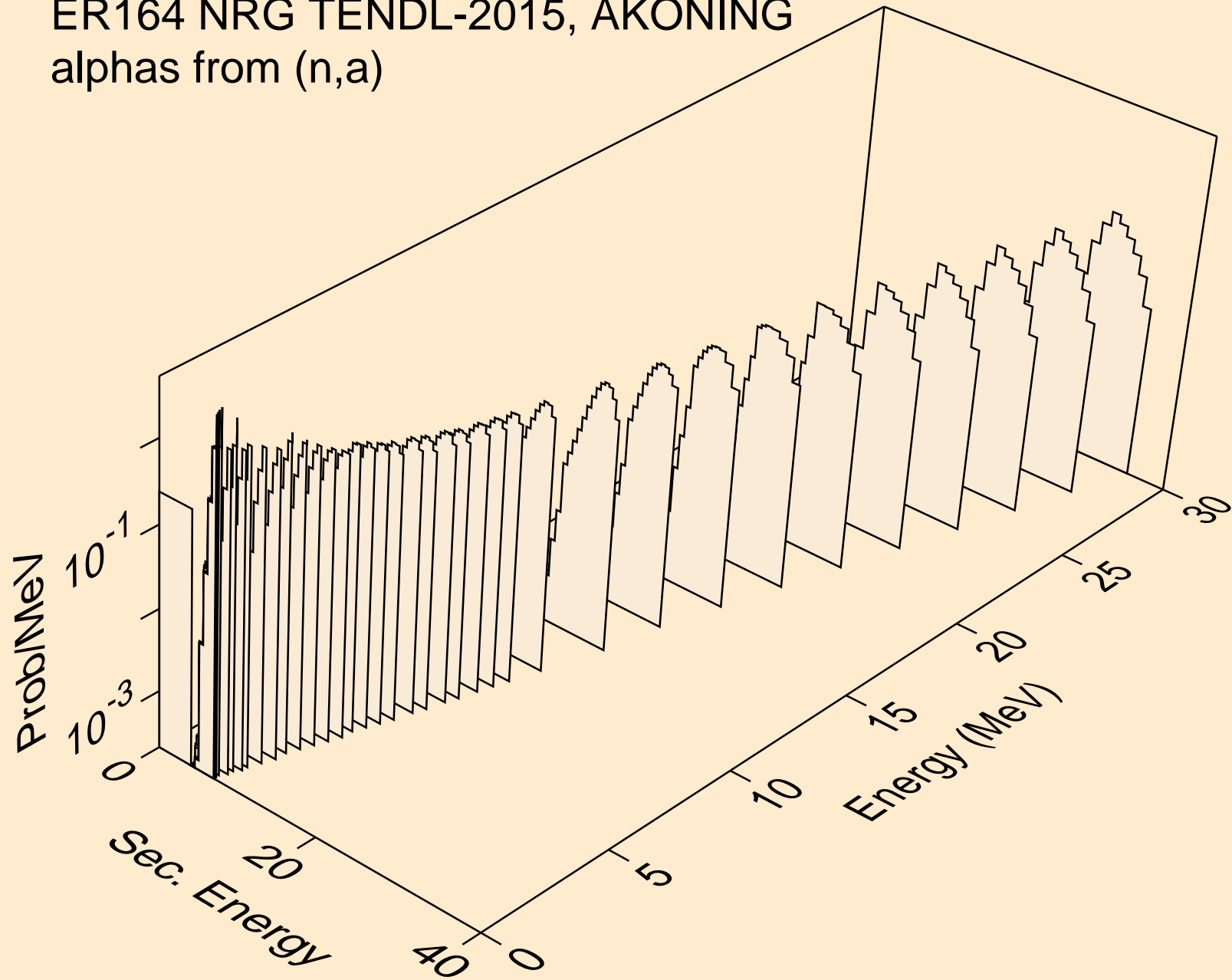
ER164 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



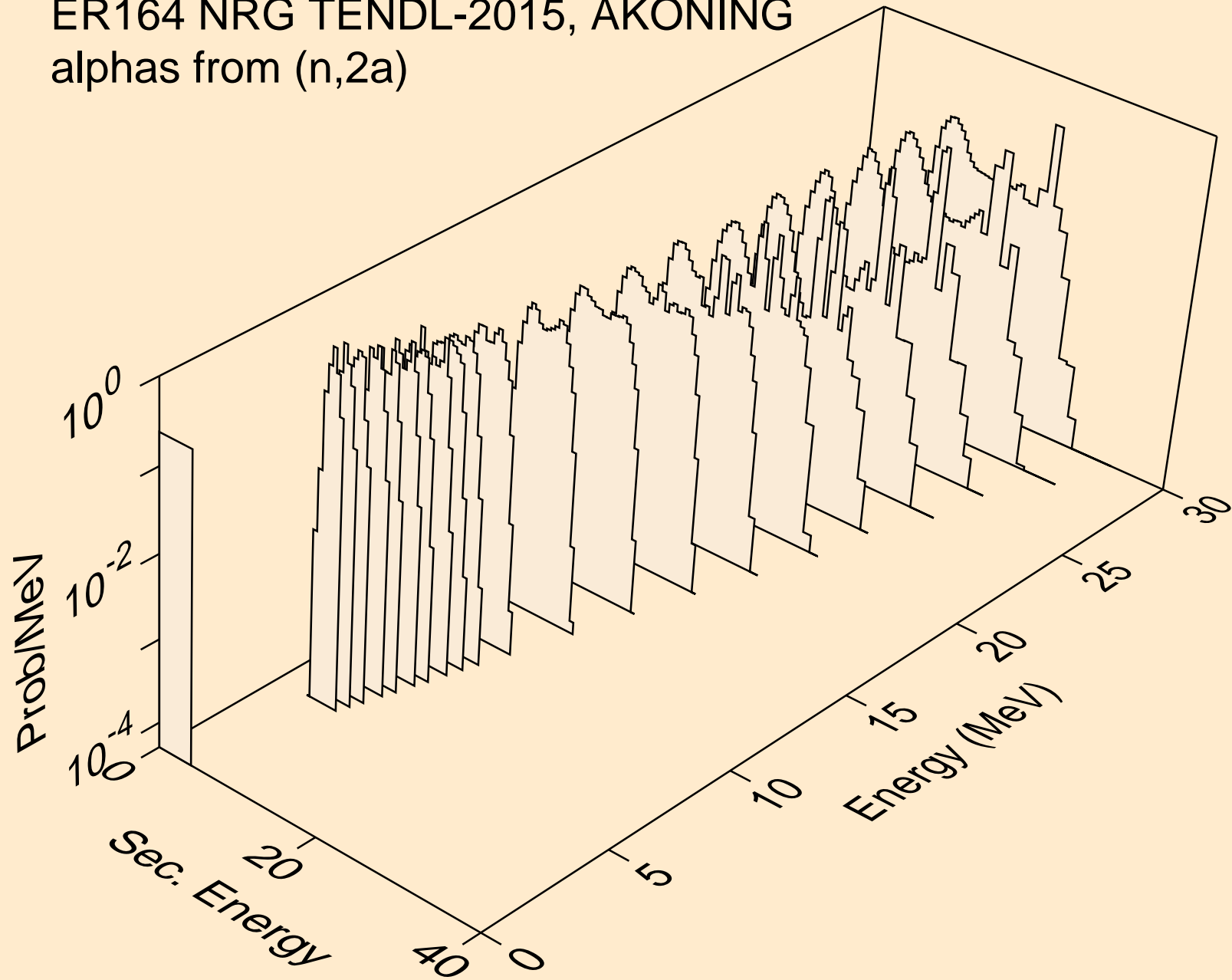
ER164 NRG TENDL-2015, AKONING  
alphas from (n,npa)



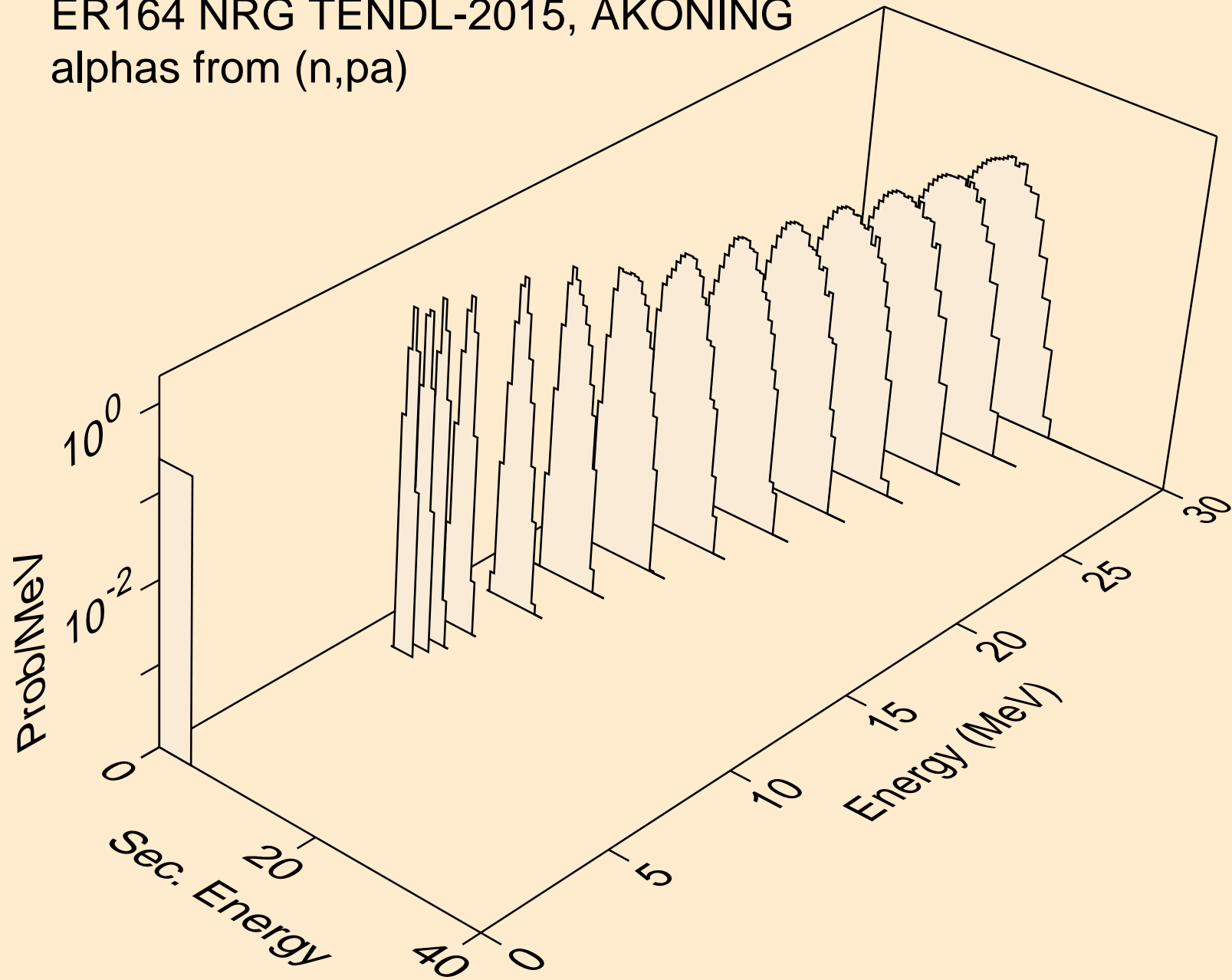
ER164 NRG TENDL-2015, AKONING  
alphas from (n,a)



ER164 NRG TENDL-2015, AKONING  
alphas from (n,2a)



ER164 NRG TENDL-2015, AKONING  
alphas from (n,pa)



ER164 NRG TENDL-2015, AKONING  
alphas from (n,da)

