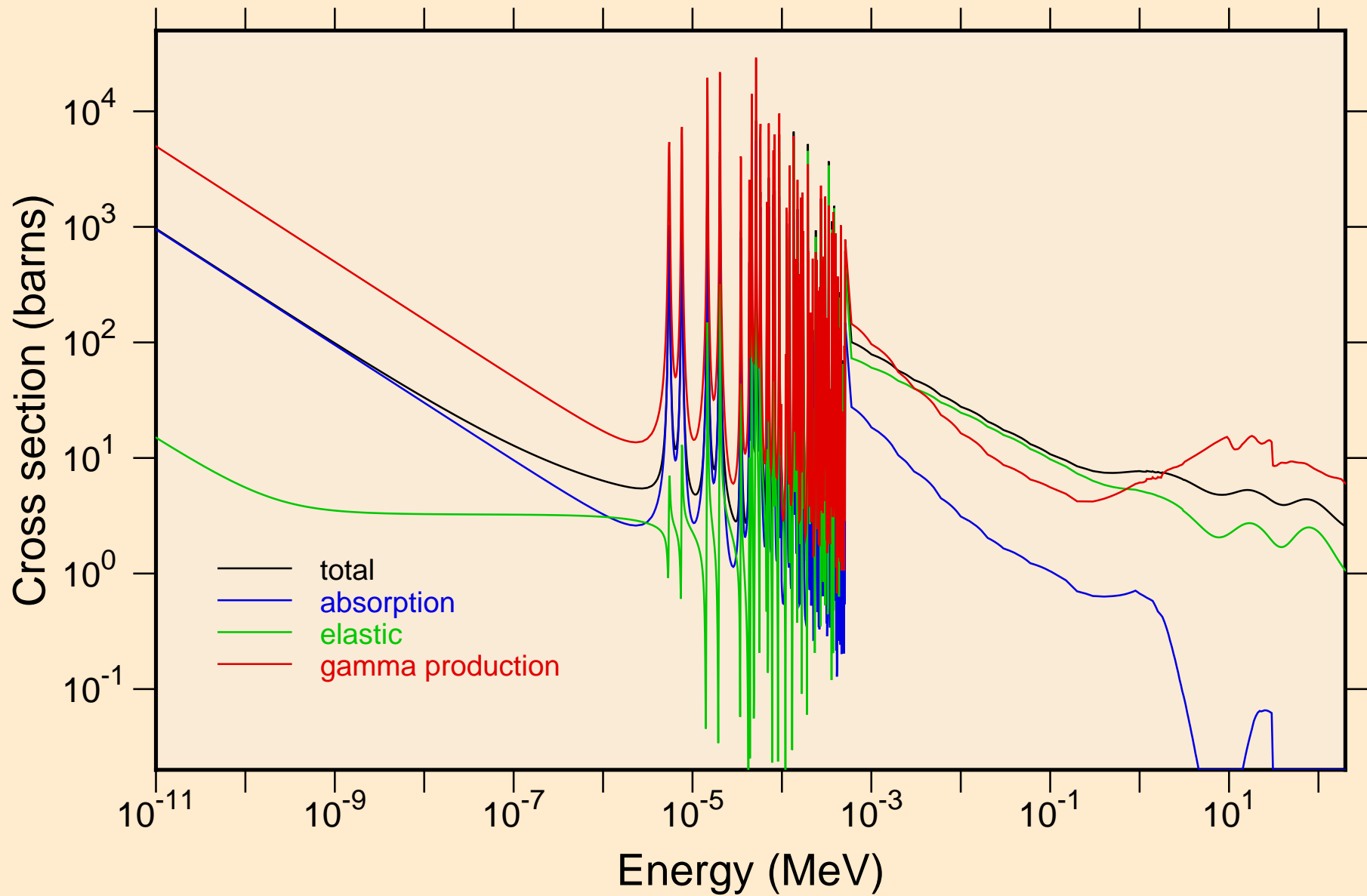
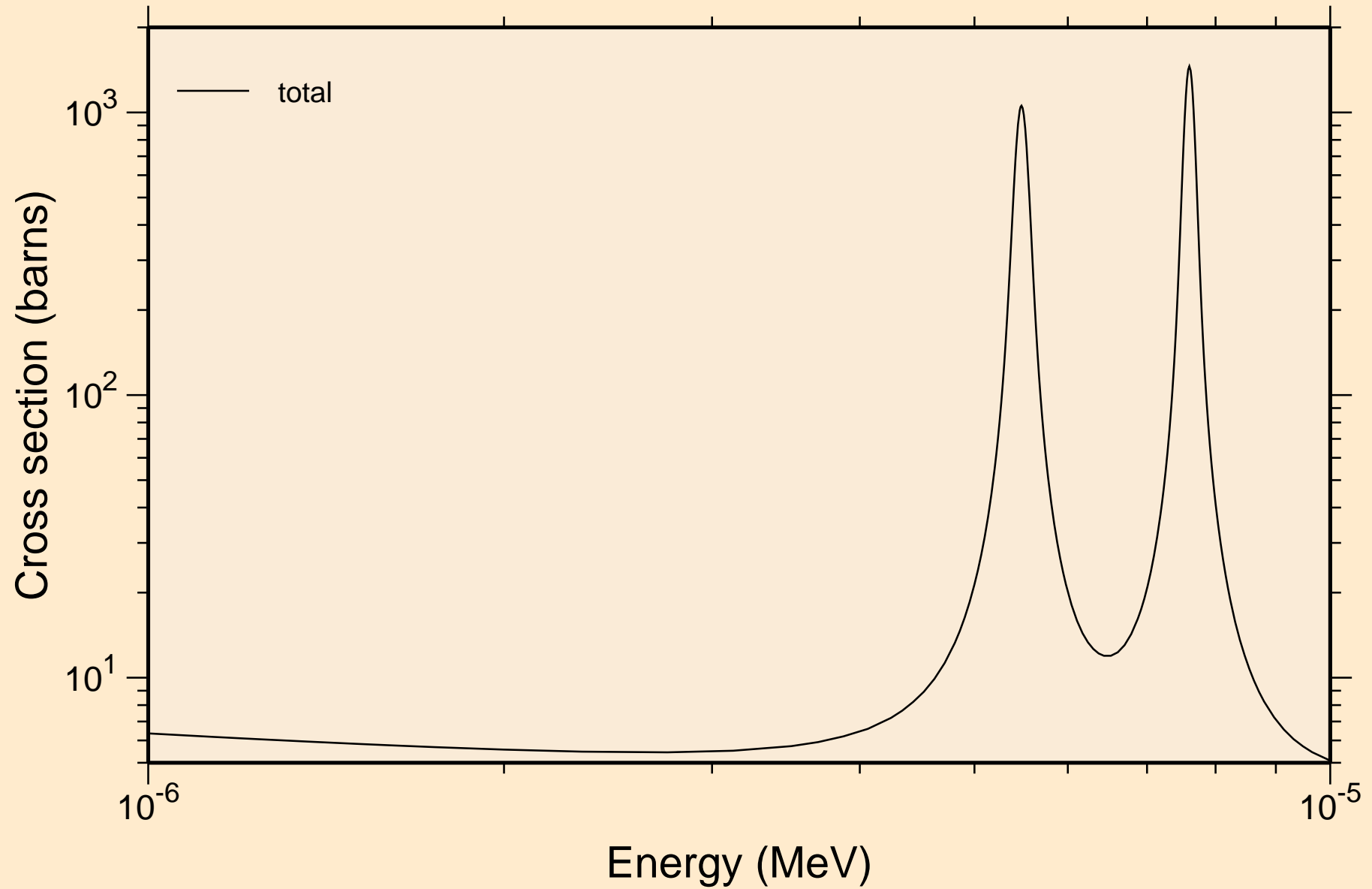


# ER162 NRG TENDL-2015, AKONING

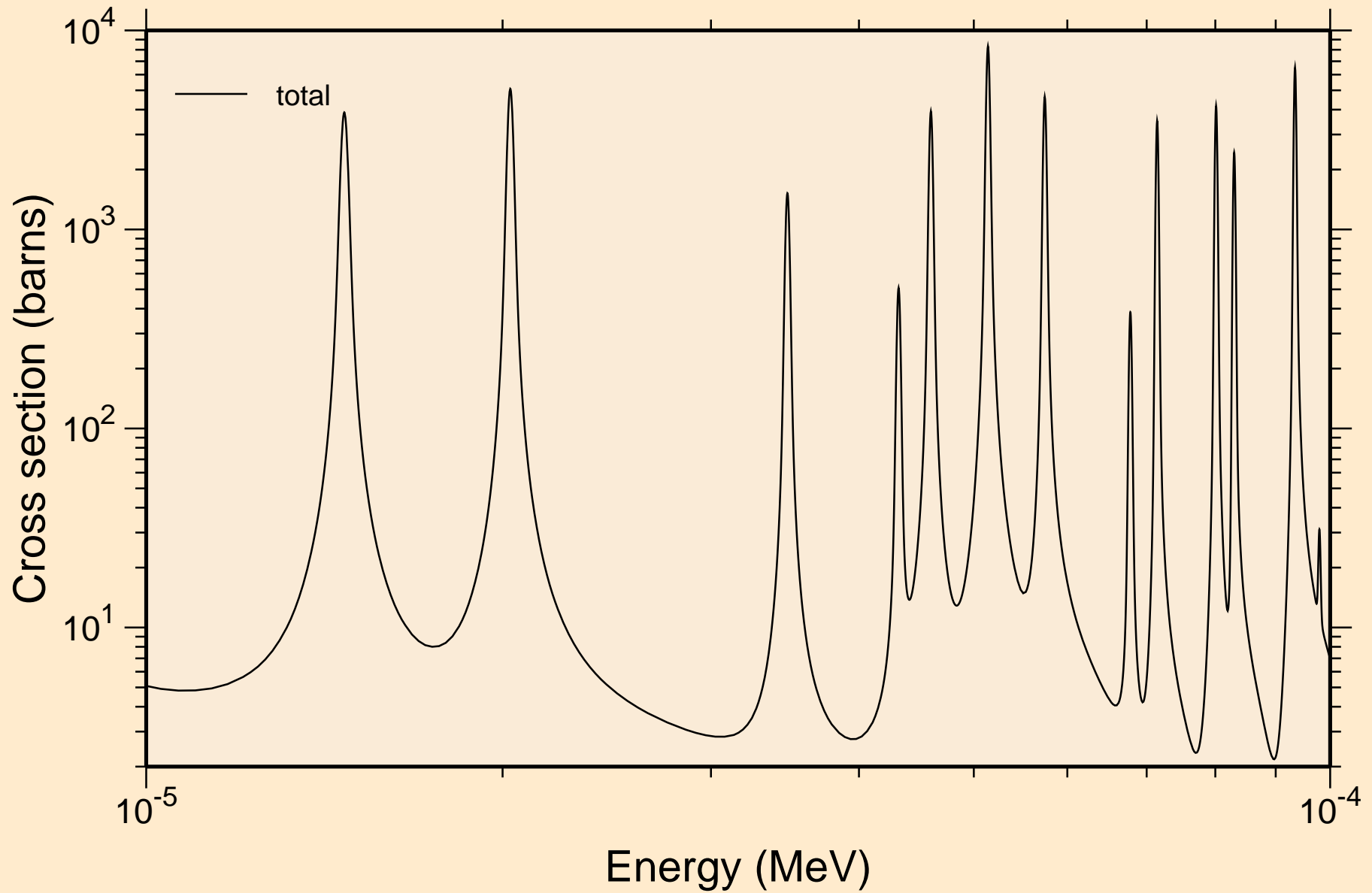
## Principal cross sections



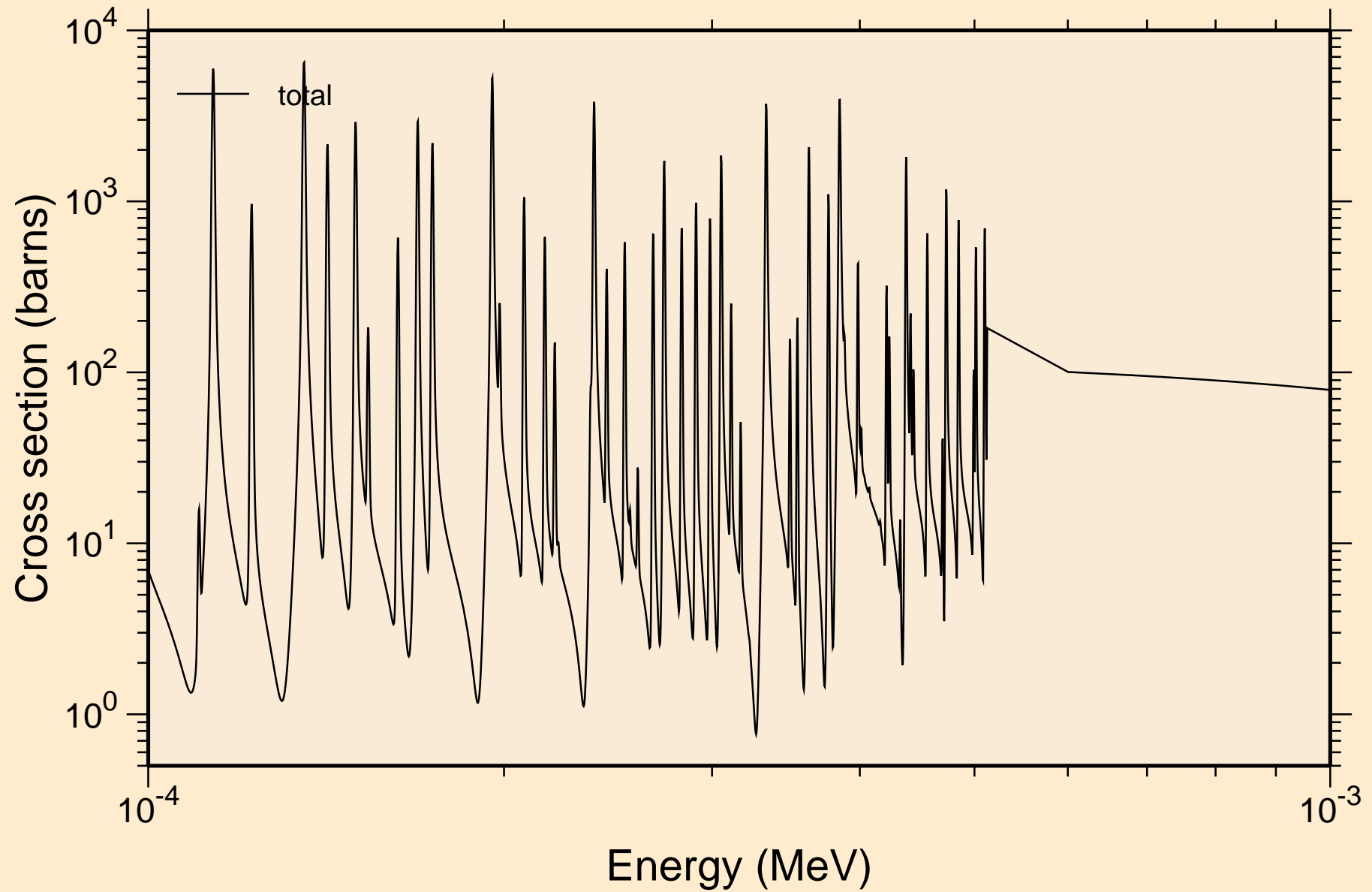
ER162 NRG TENDL-2015, AKONING  
resonance total cross section



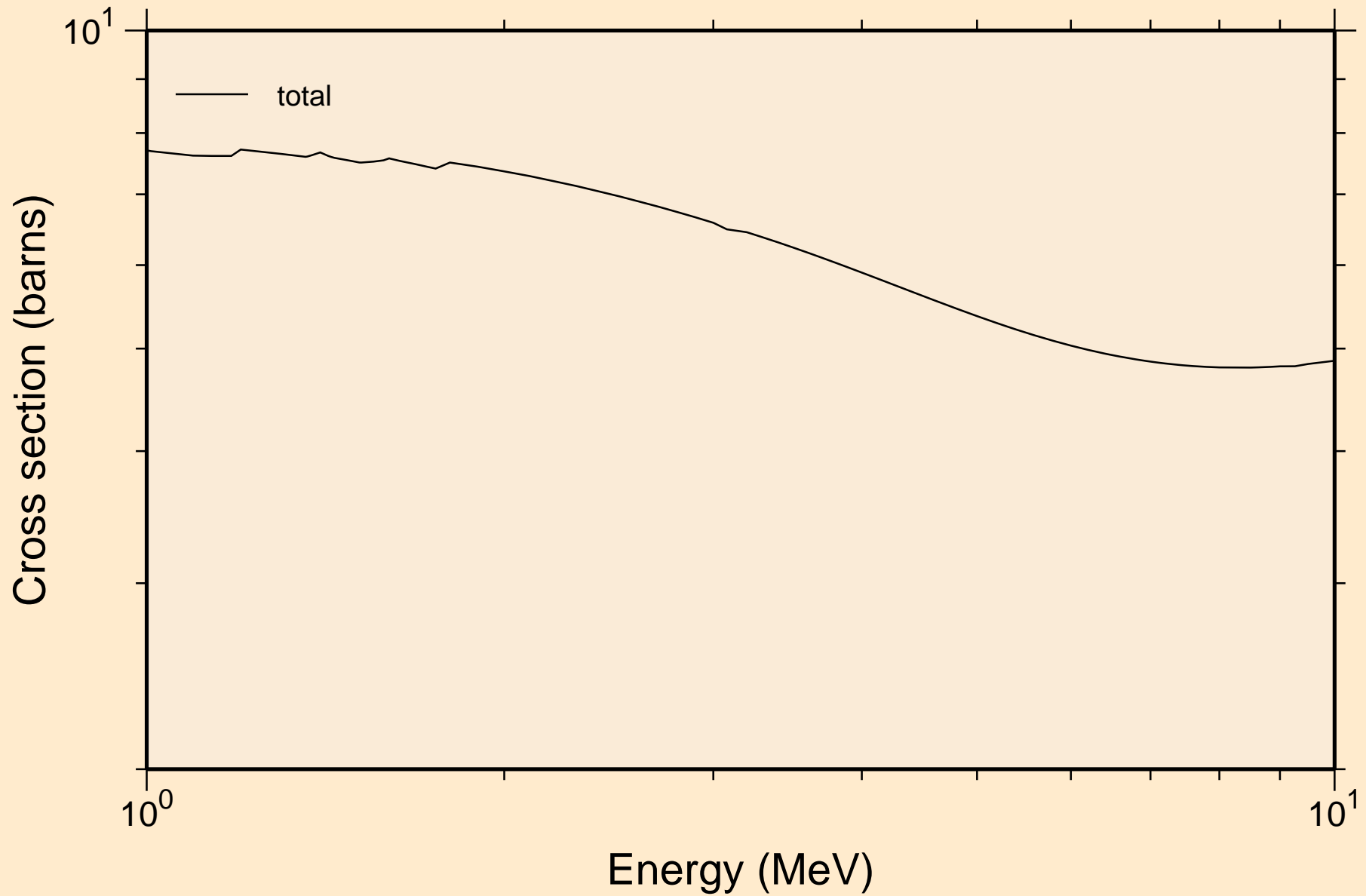
ER162 NRG TENDL-2015, AKONING  
resonance total cross section



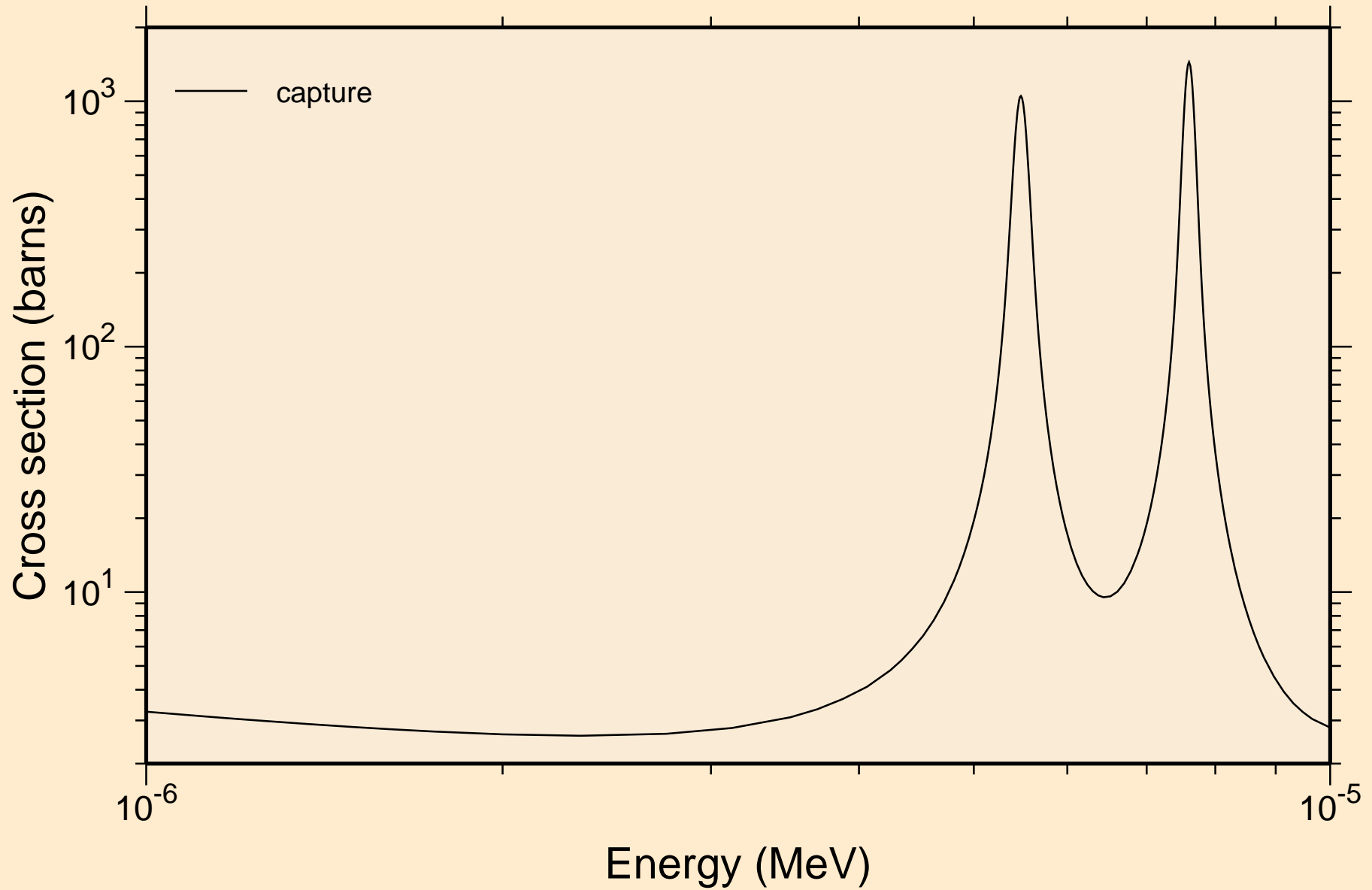
ER162 NRG TENDL-2015, AKONING  
resonance total cross section



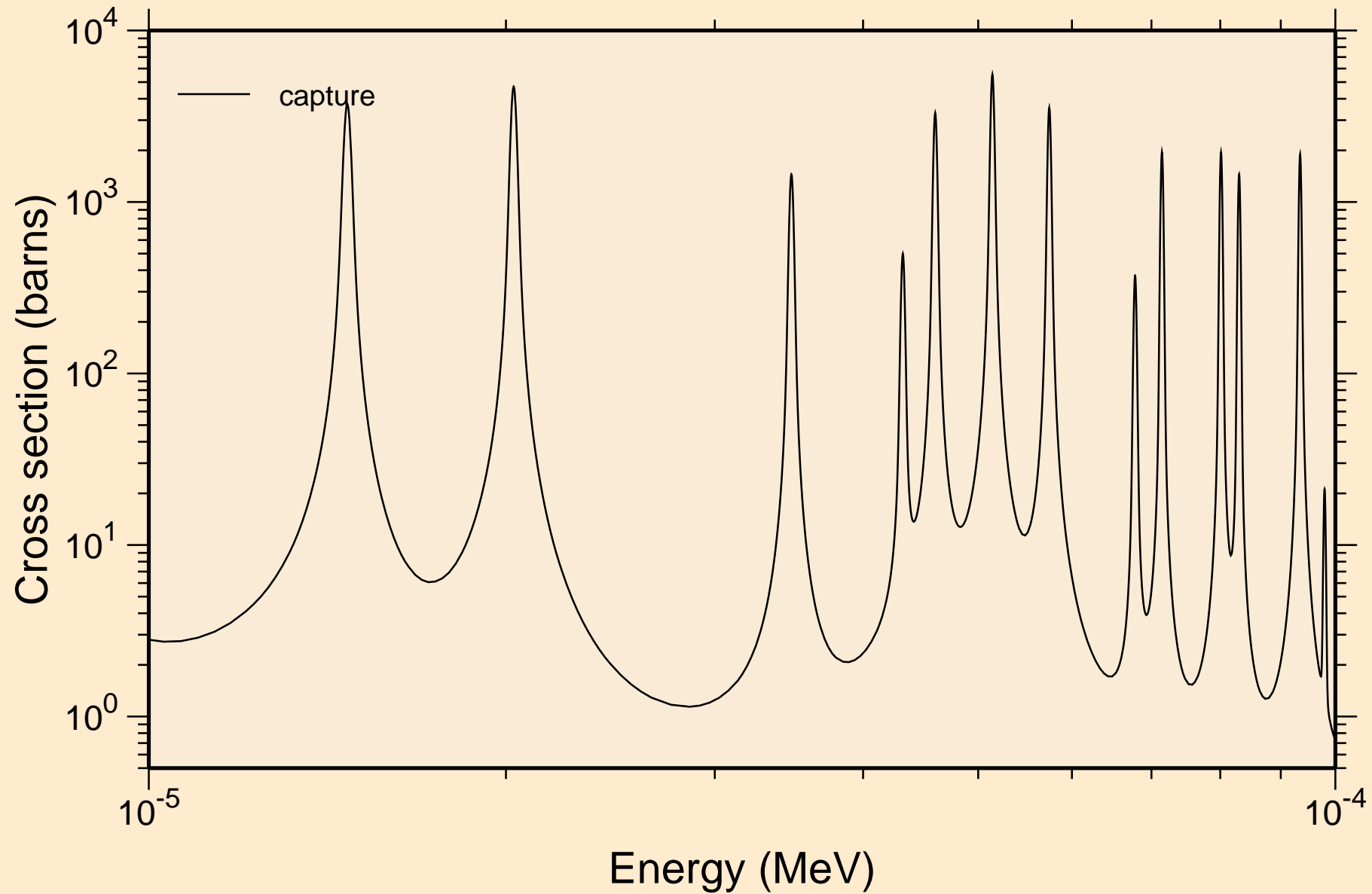
ER162 NRG TENDL-2015, AKONING  
resonance total cross section



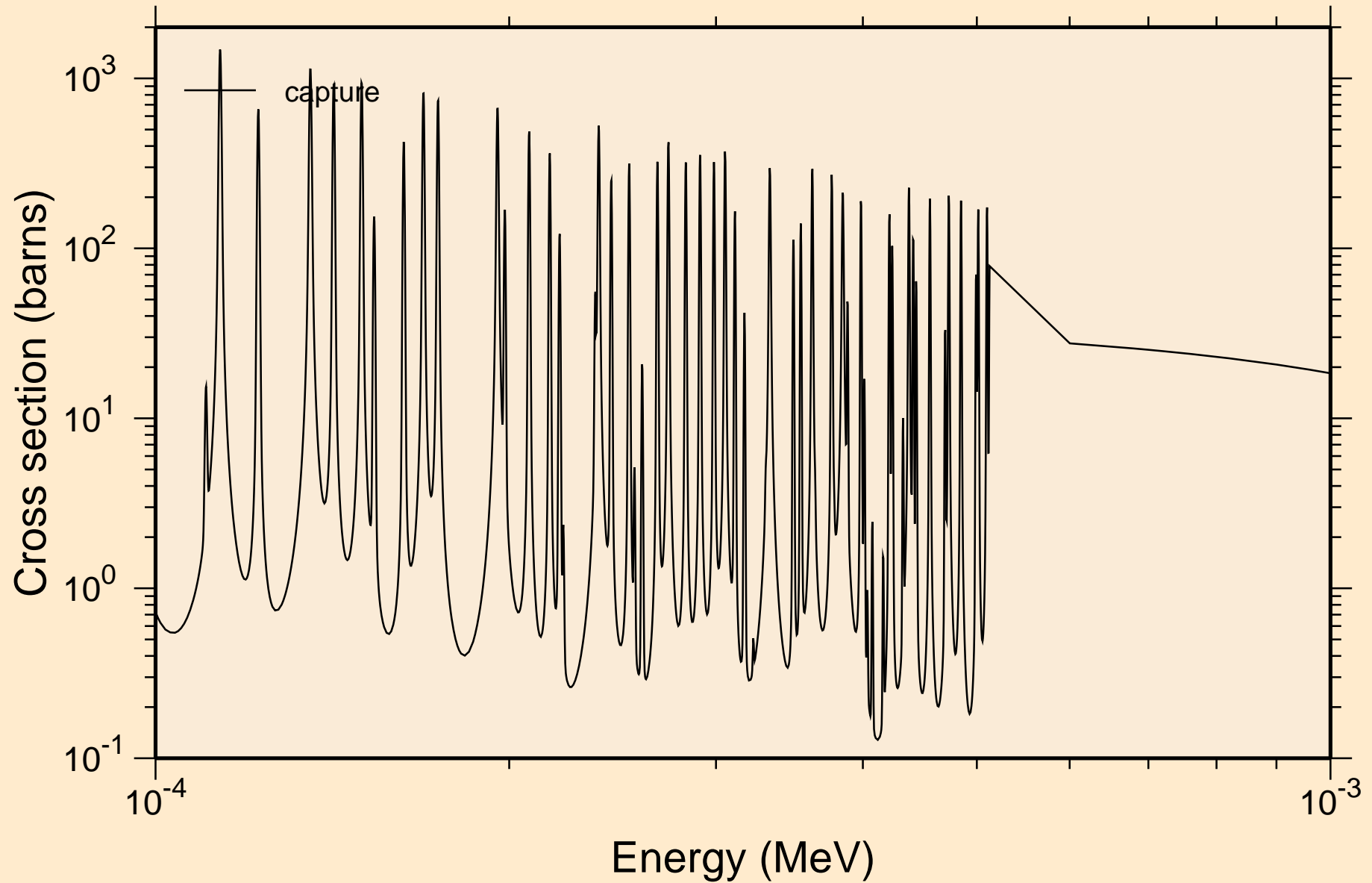
ER162 NRG TENDL-2015, AKONING  
resonance absorption cross sections



ER162 NRG TENDL-2015, AKONING  
resonance absorption cross sections

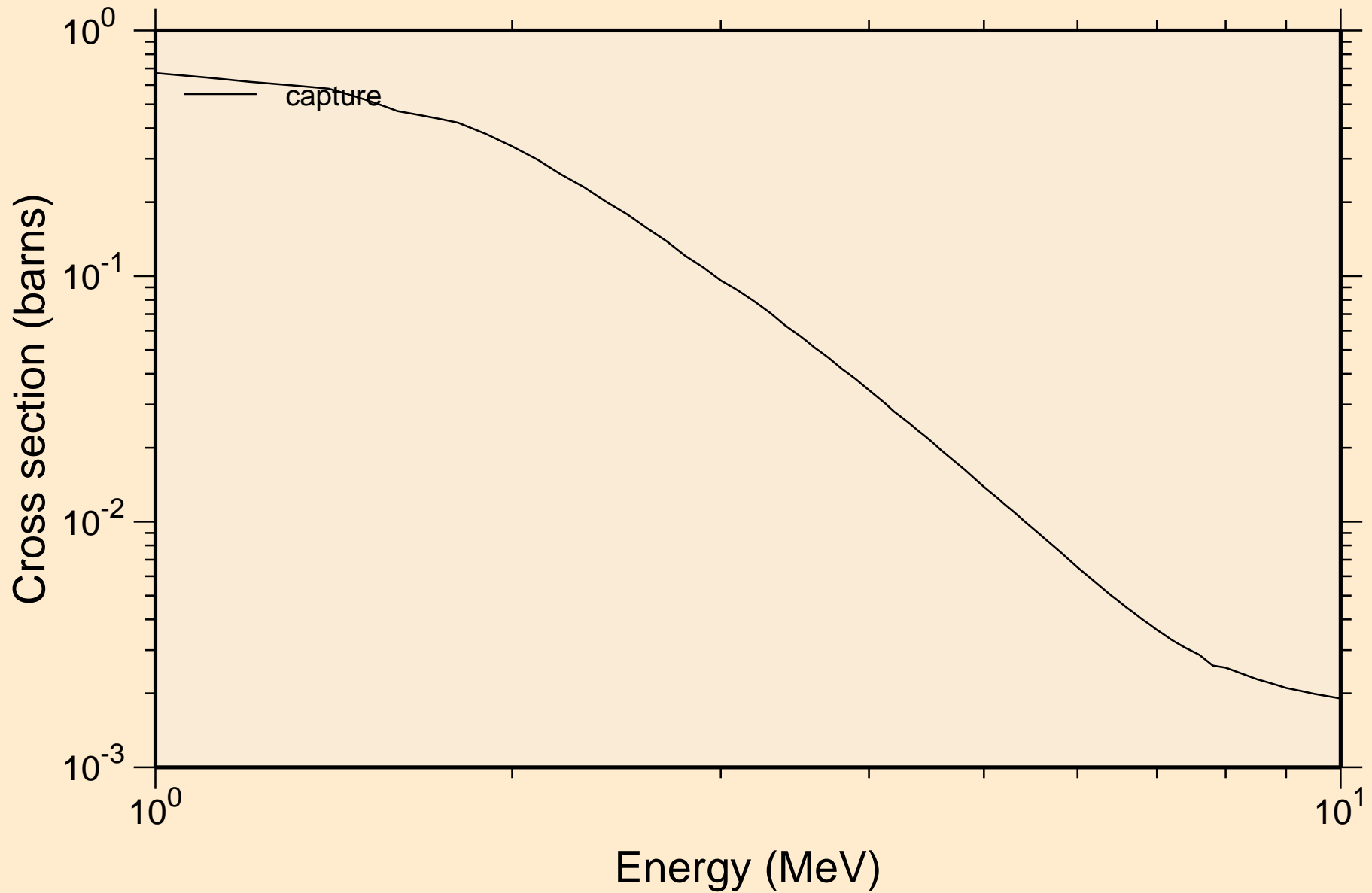


ER162 NRG TENDL-2015, AKONING  
resonance absorption cross sections



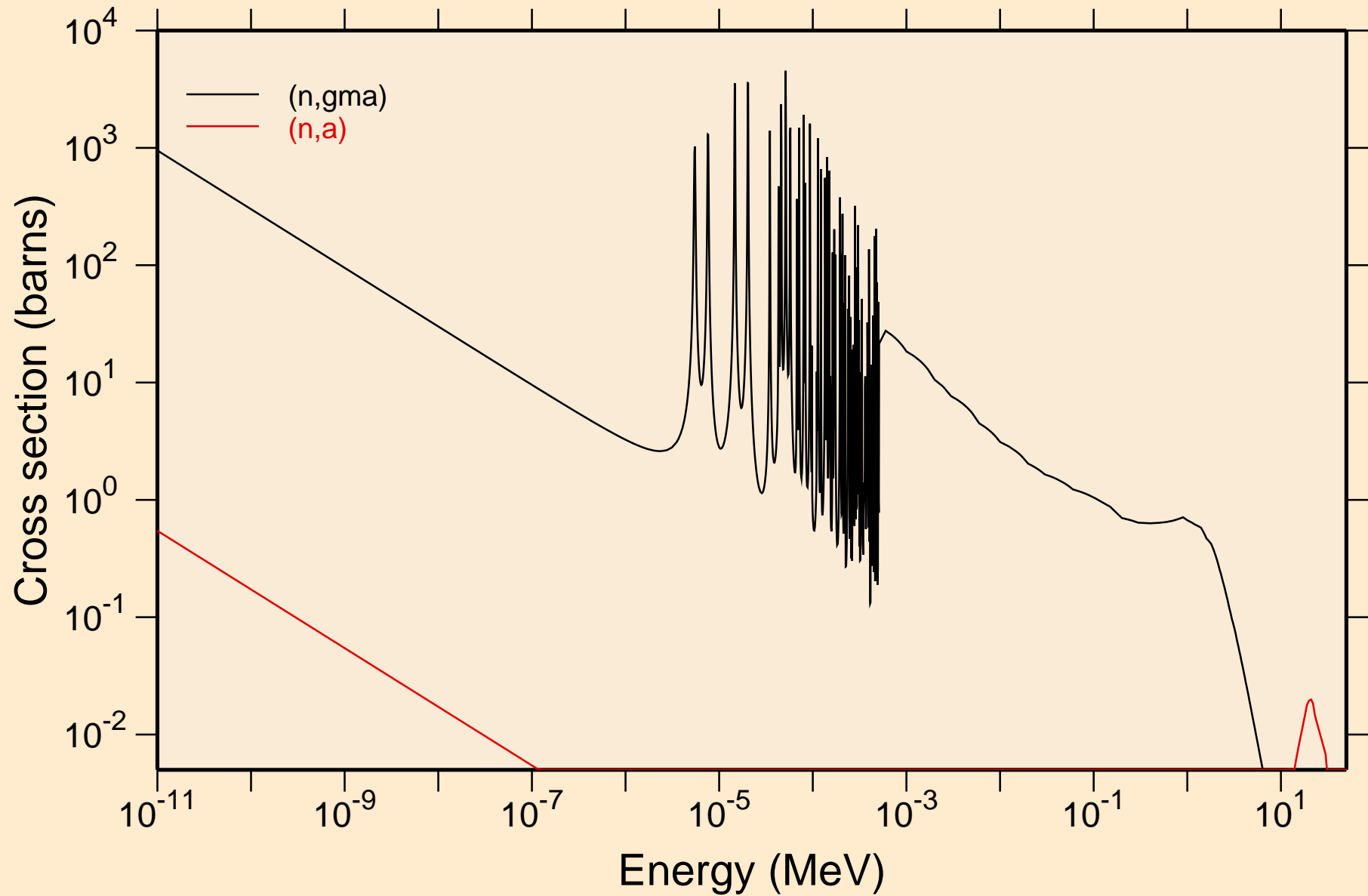


ER162 NRG TENDL-2015, AKONING  
resonance absorption cross sections



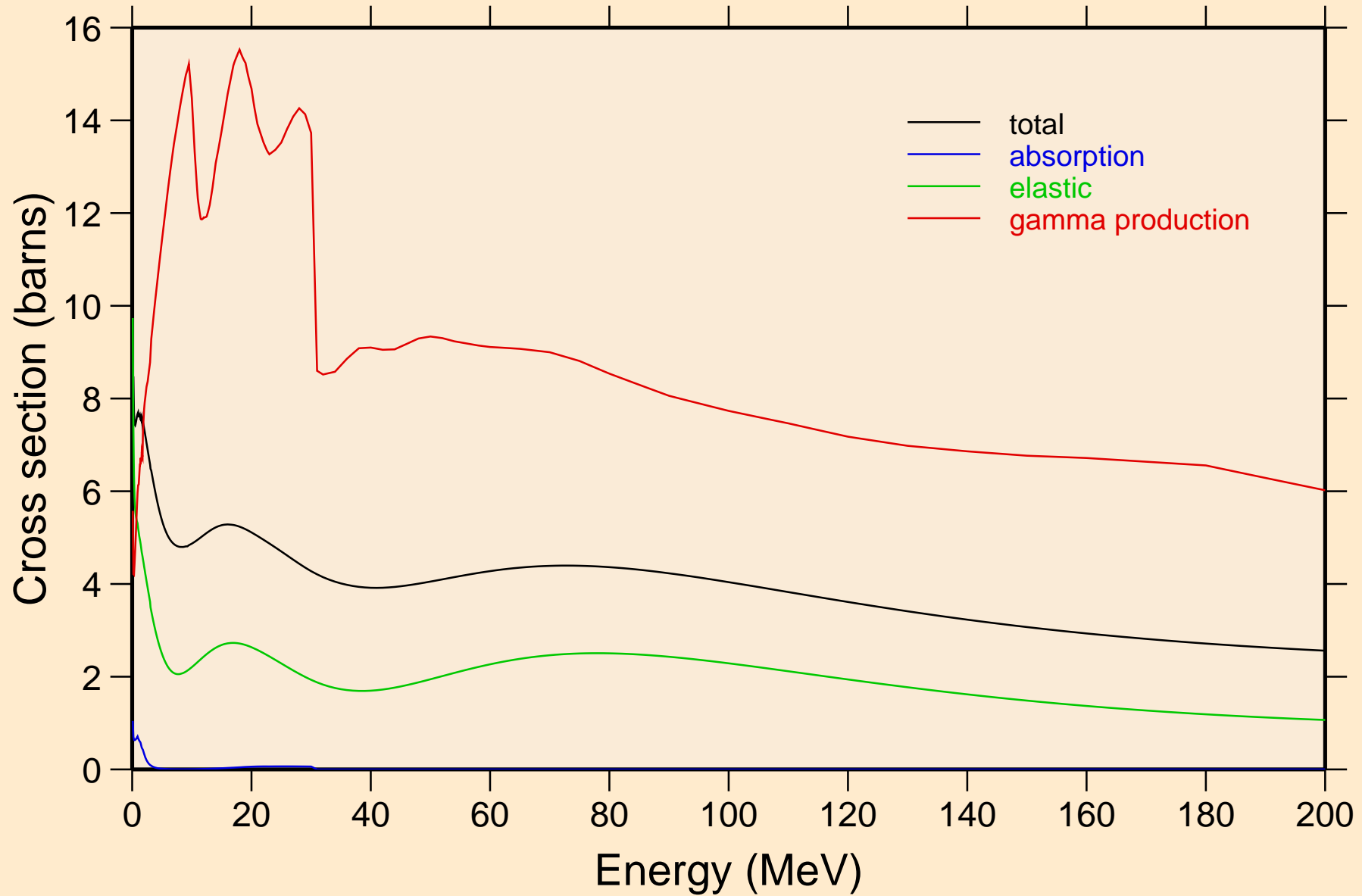
# ER162 NRG TENDL-2015, AKONING

## Non-threshold reactions



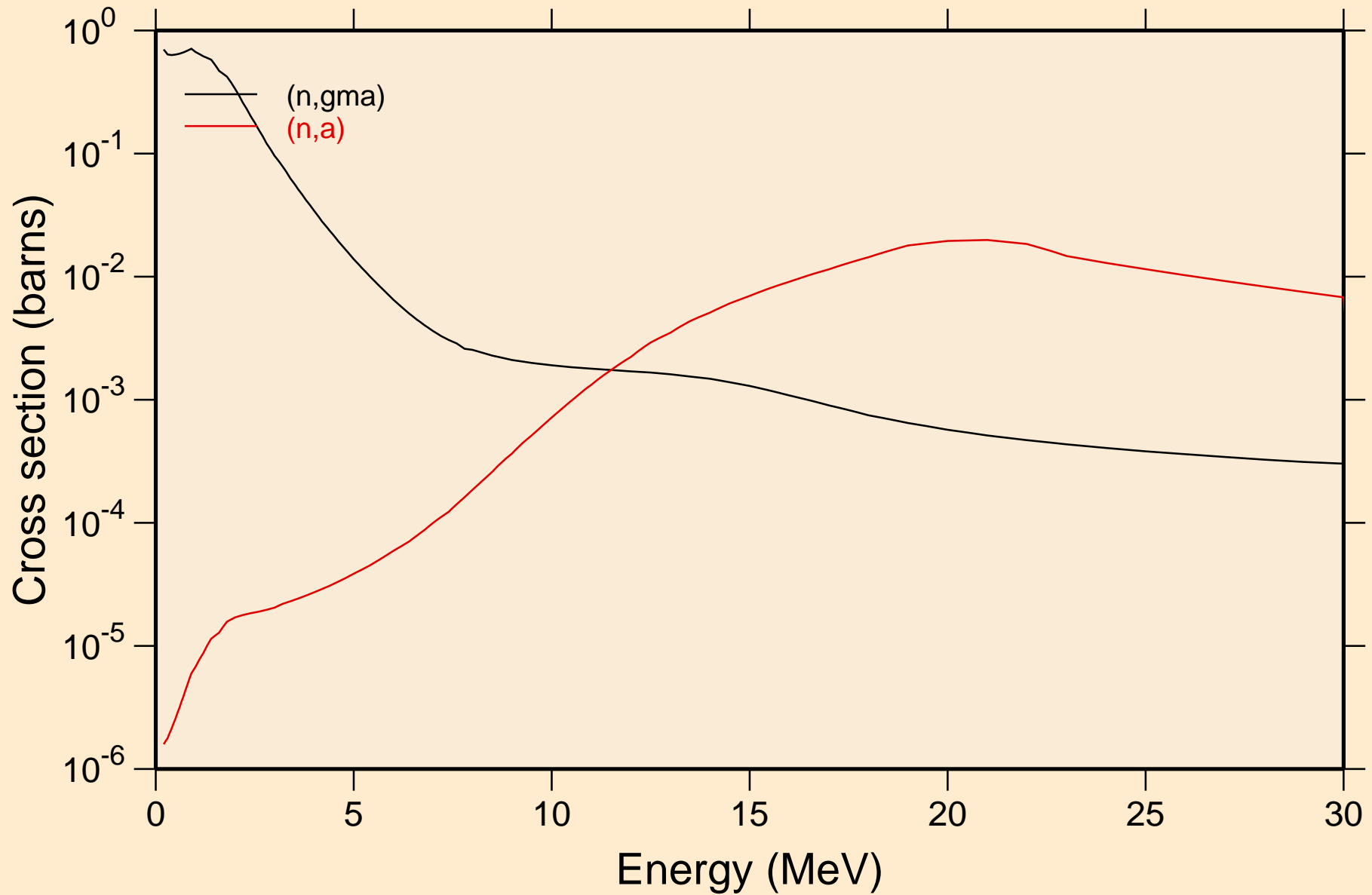
# ER162 NRG TENDL-2015, AKONING

## Principal cross sections



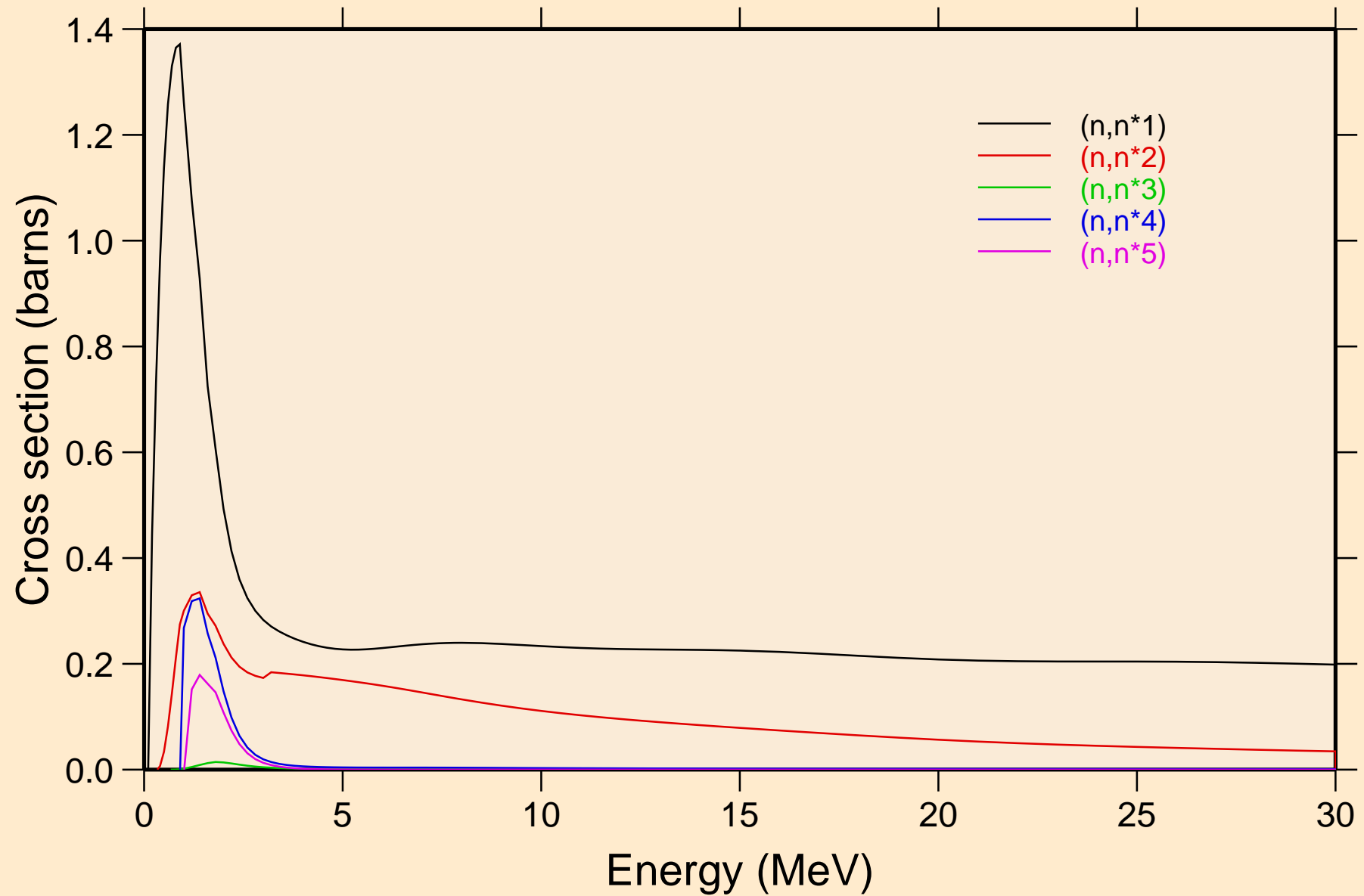
# ER162 NRG TENDL-2015, AKONING

## Non-threshold reactions



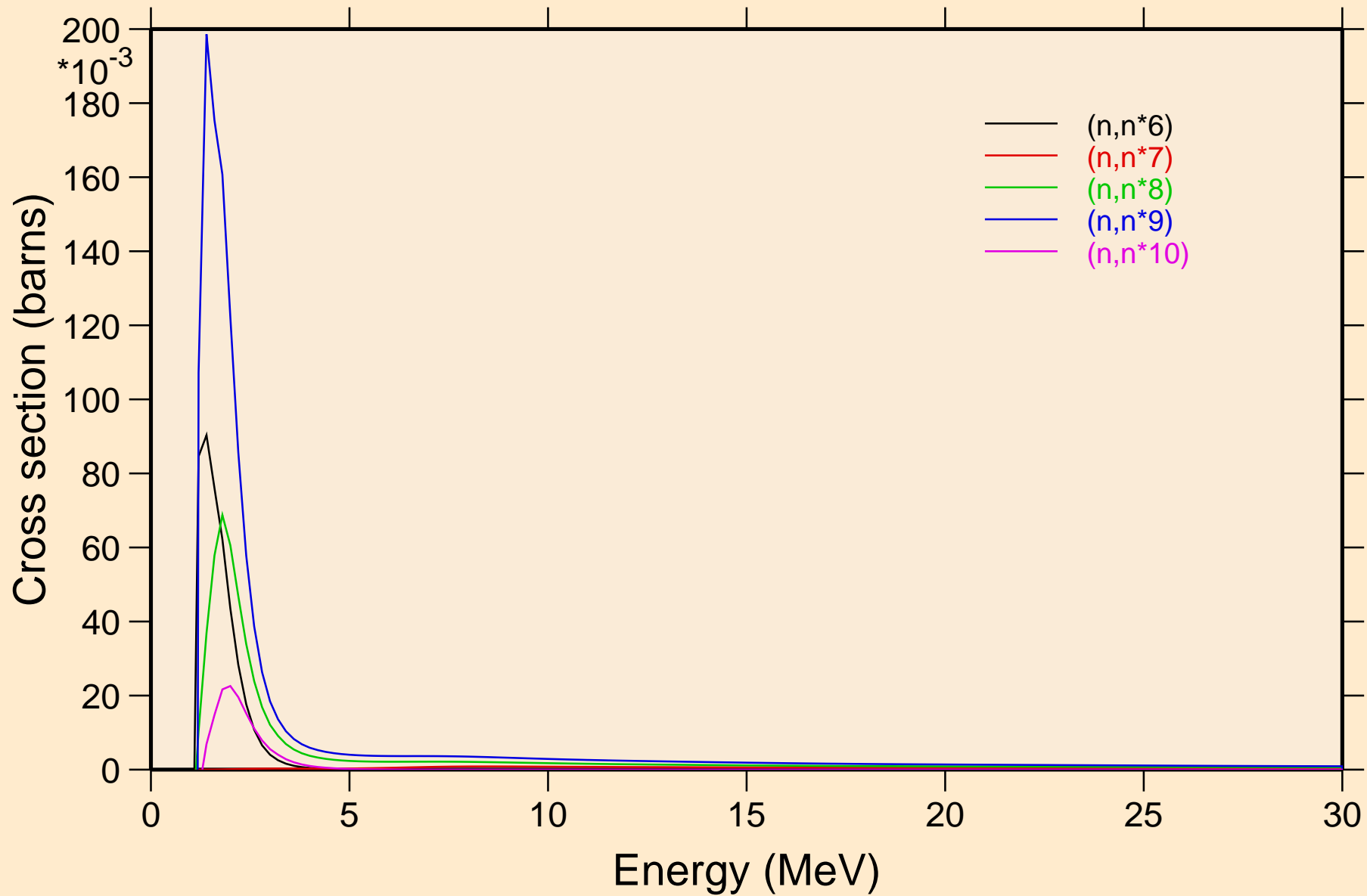
# ER162 NRG TENDL-2015, AKONING

## Inelastic levels



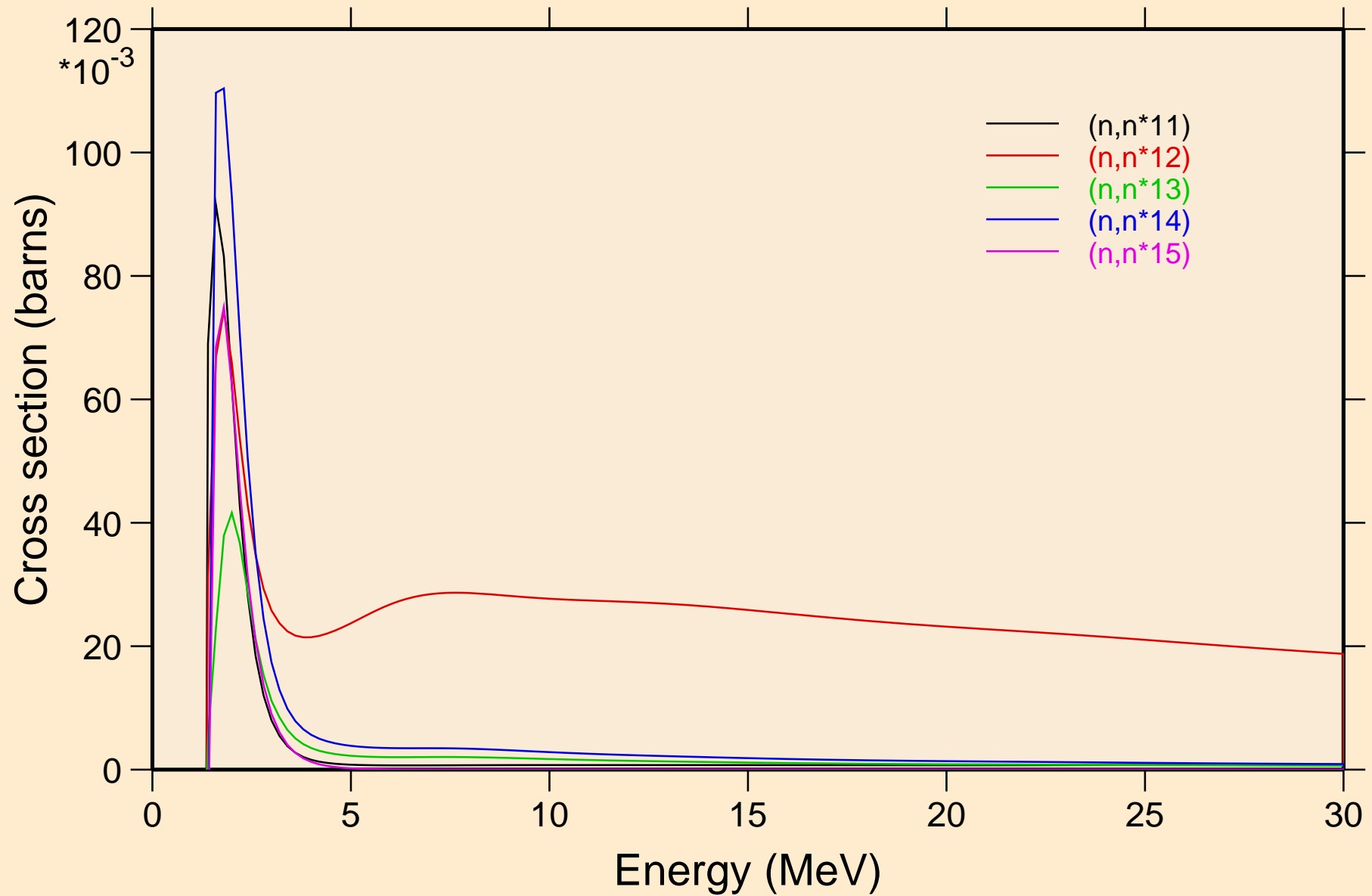
# ER162 NRG TENDL-2015, AKONING

## Inelastic levels



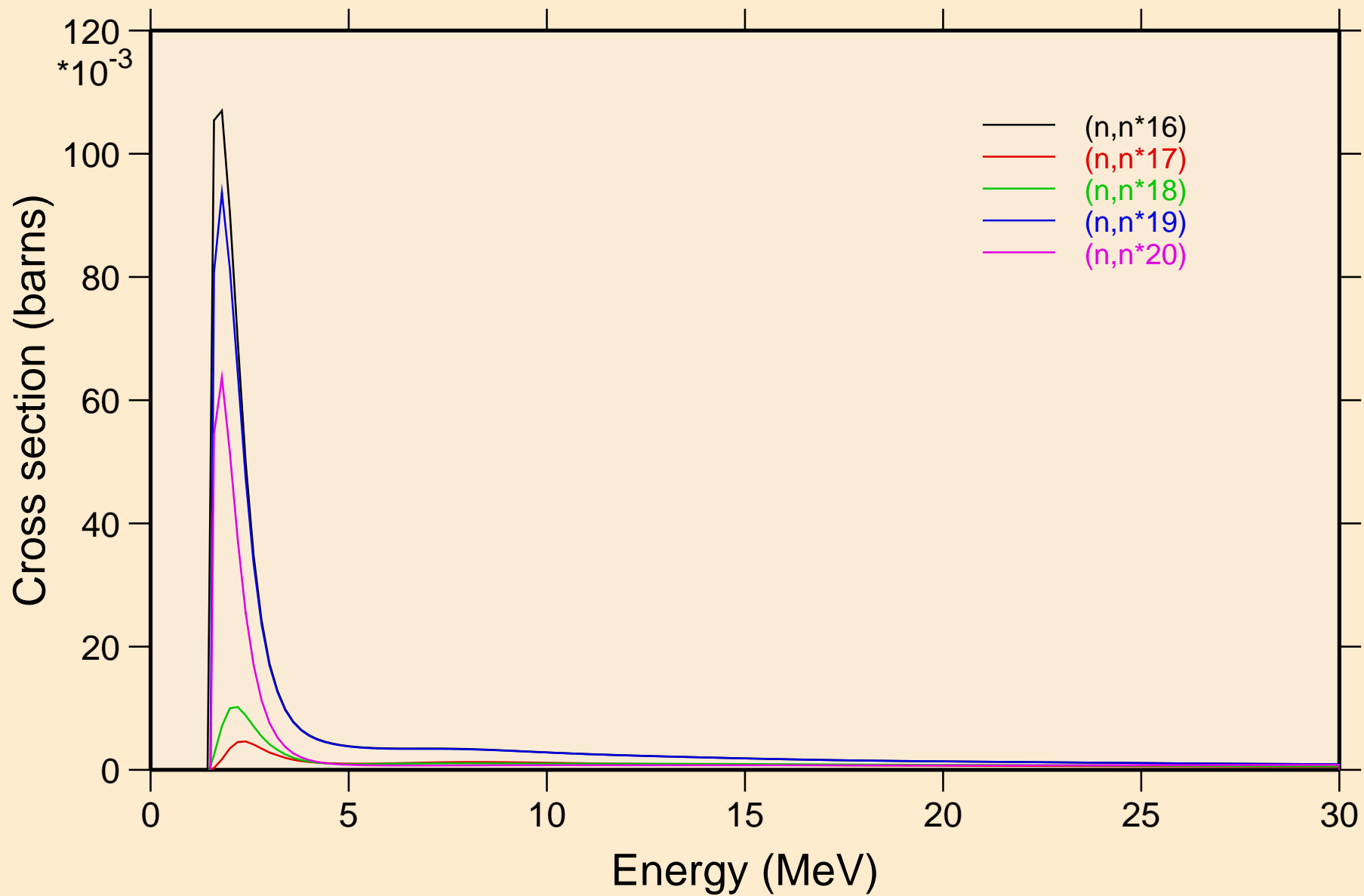
# ER162 NRG TENDL-2015, AKONING

## Inelastic levels



# ER162 NRG TENDL-2015, AKONING

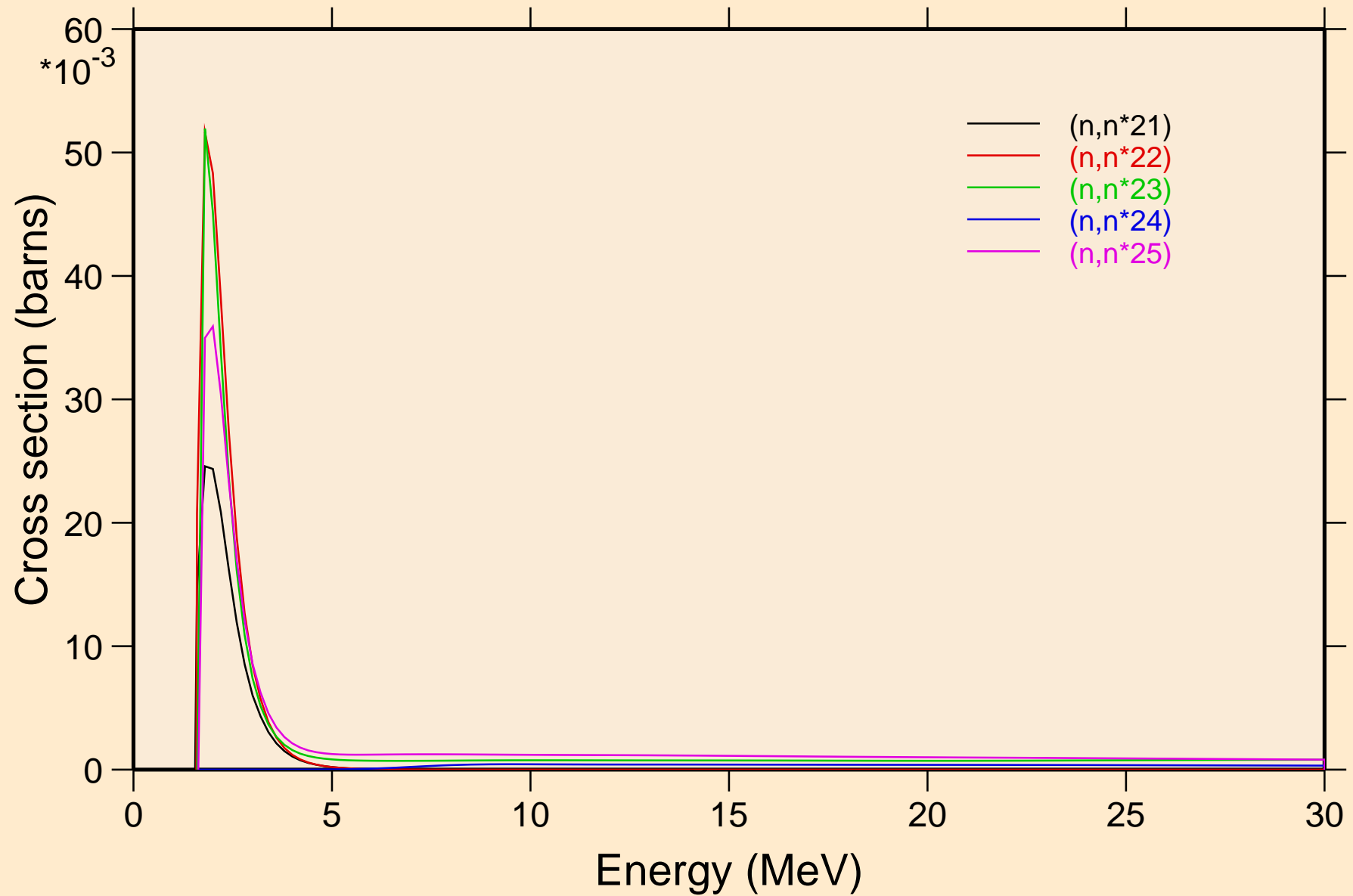
## Inelastic levels





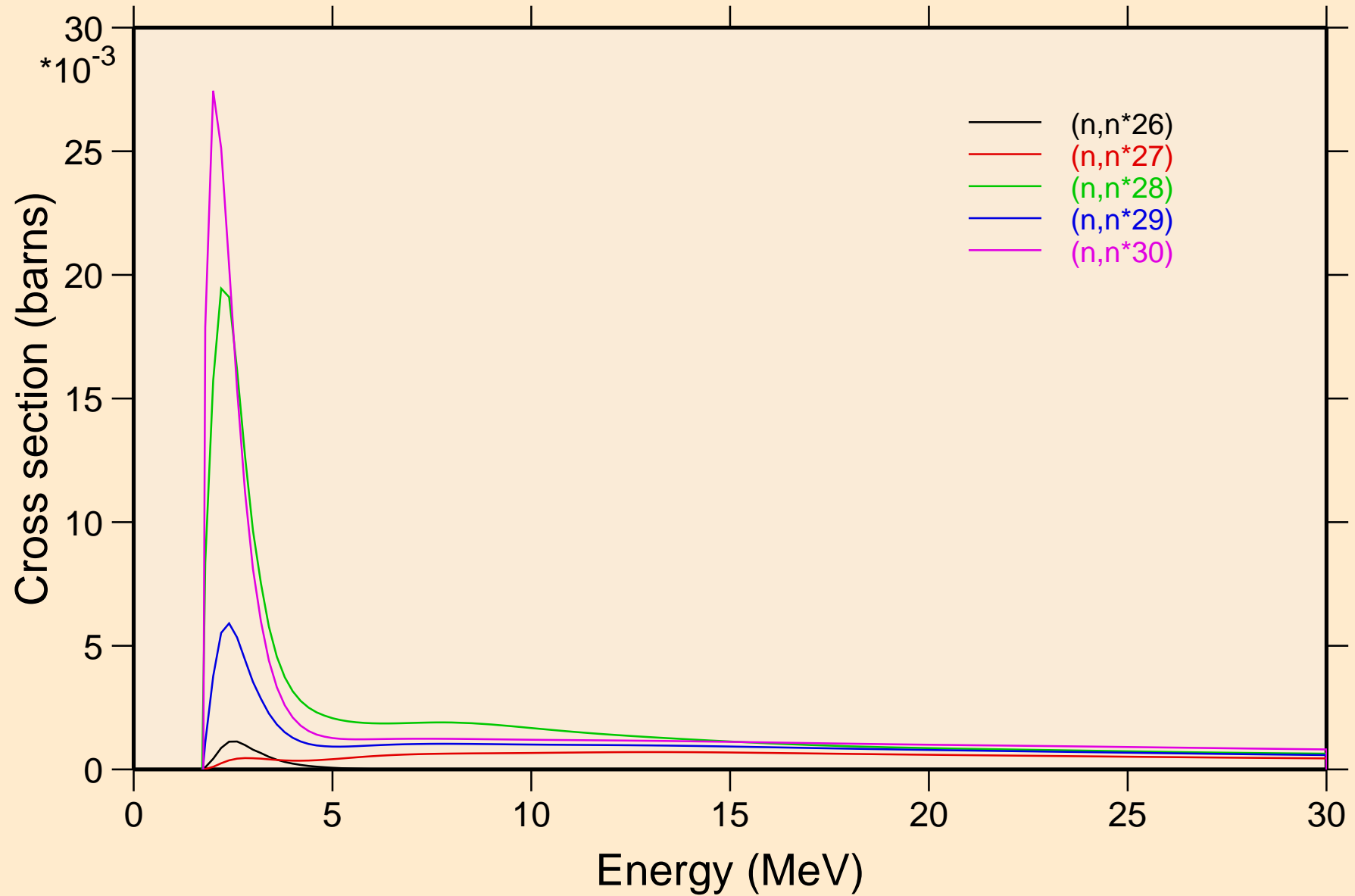
# ER162 NRG TENDL-2015, AKONING

## Inelastic levels



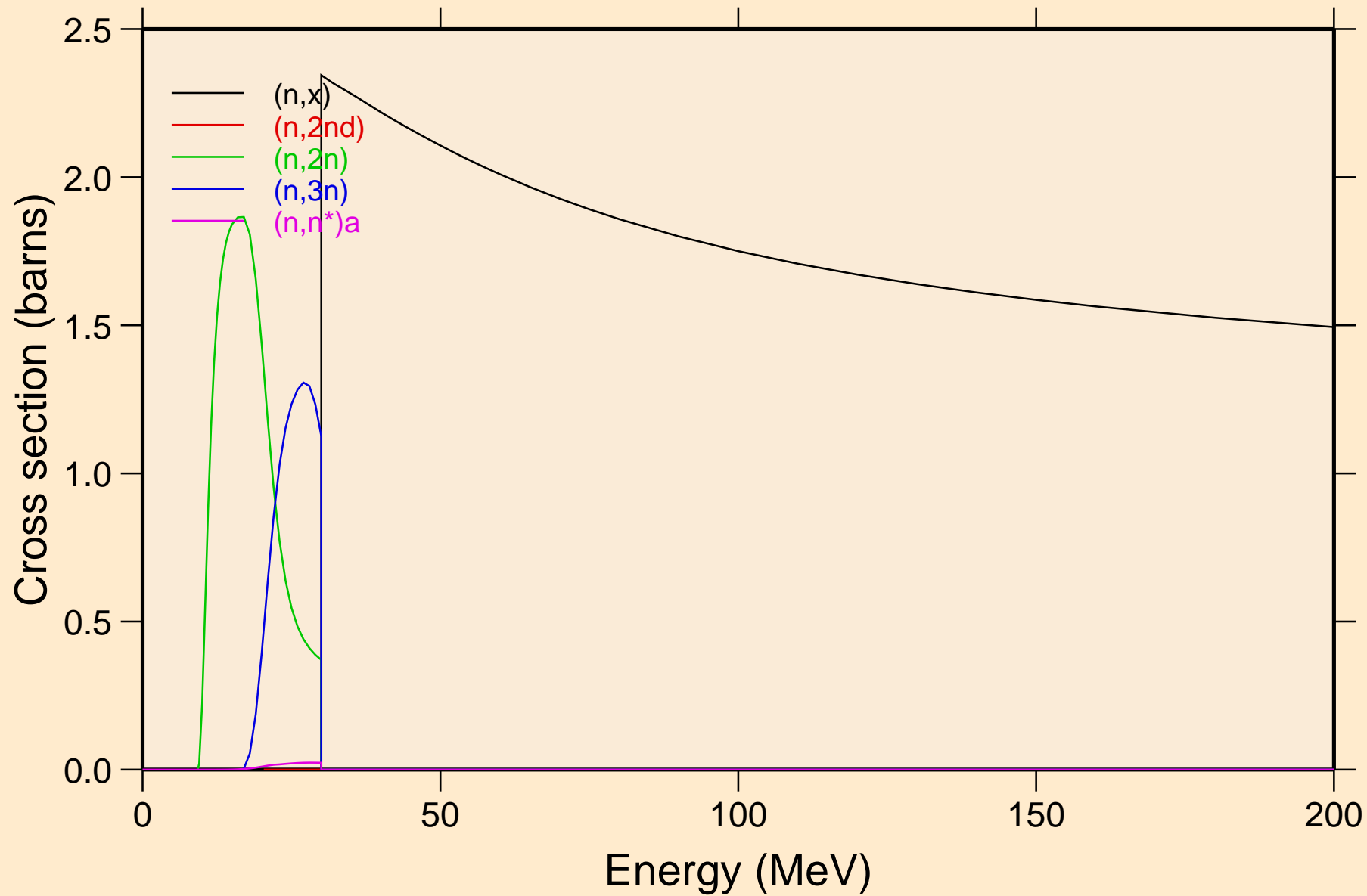
# ER162 NRG TENDL-2015, AKONING

## Inelastic levels



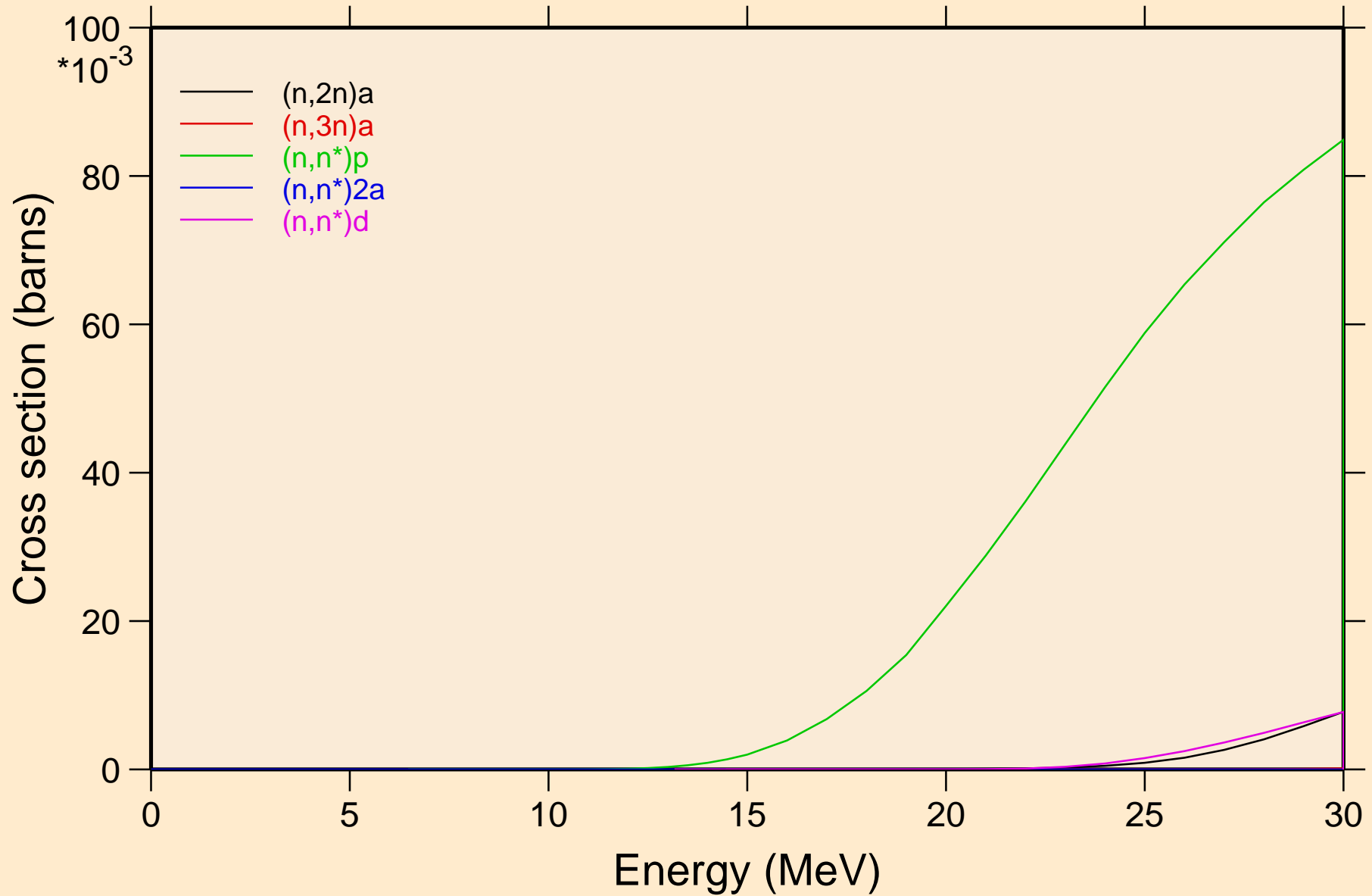
# ER162 NRG TENDL-2015, AKONING

## Threshold reactions



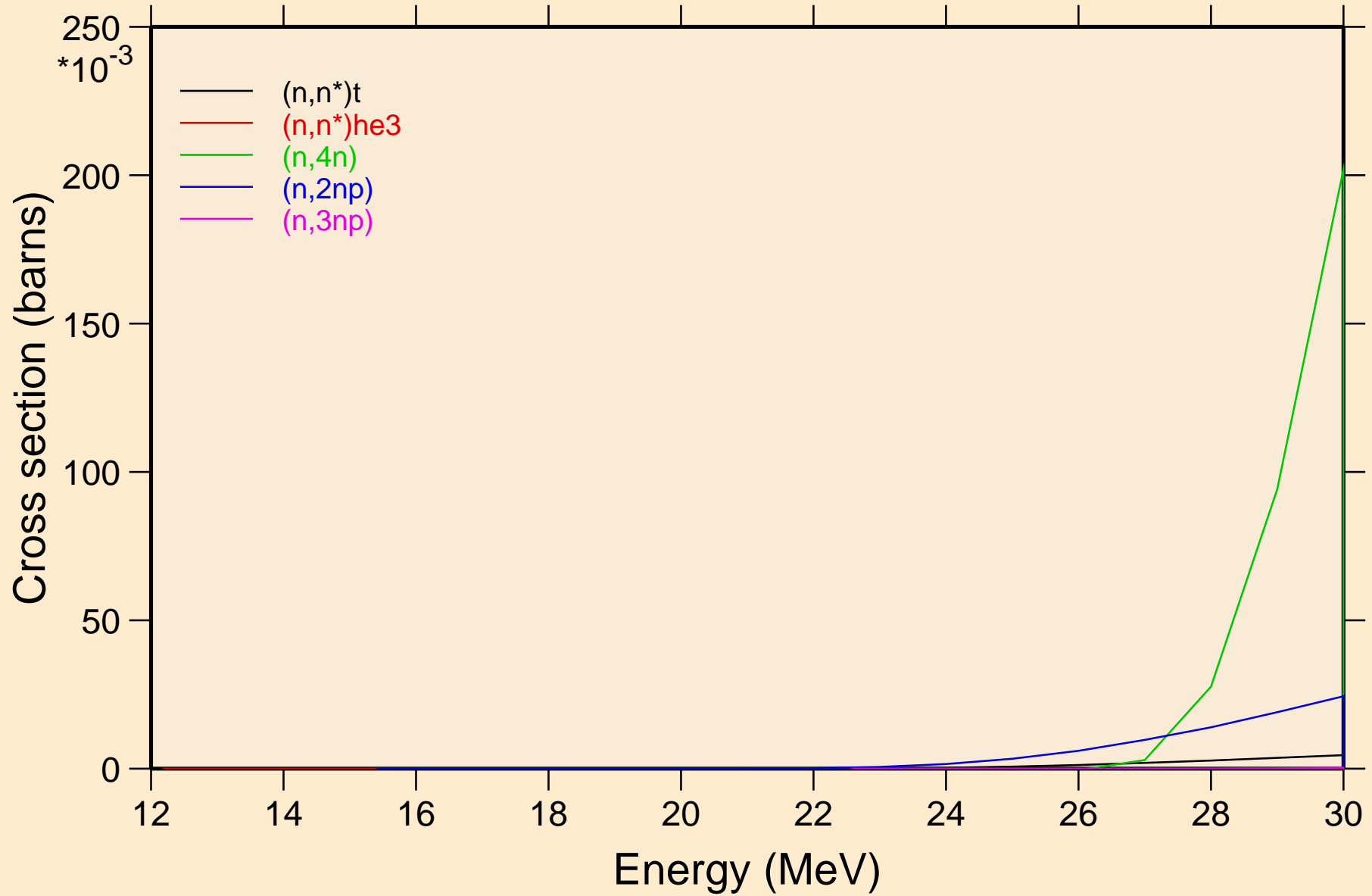
# ER162 NRG TENDL-2015, AKONING

## Threshold reactions



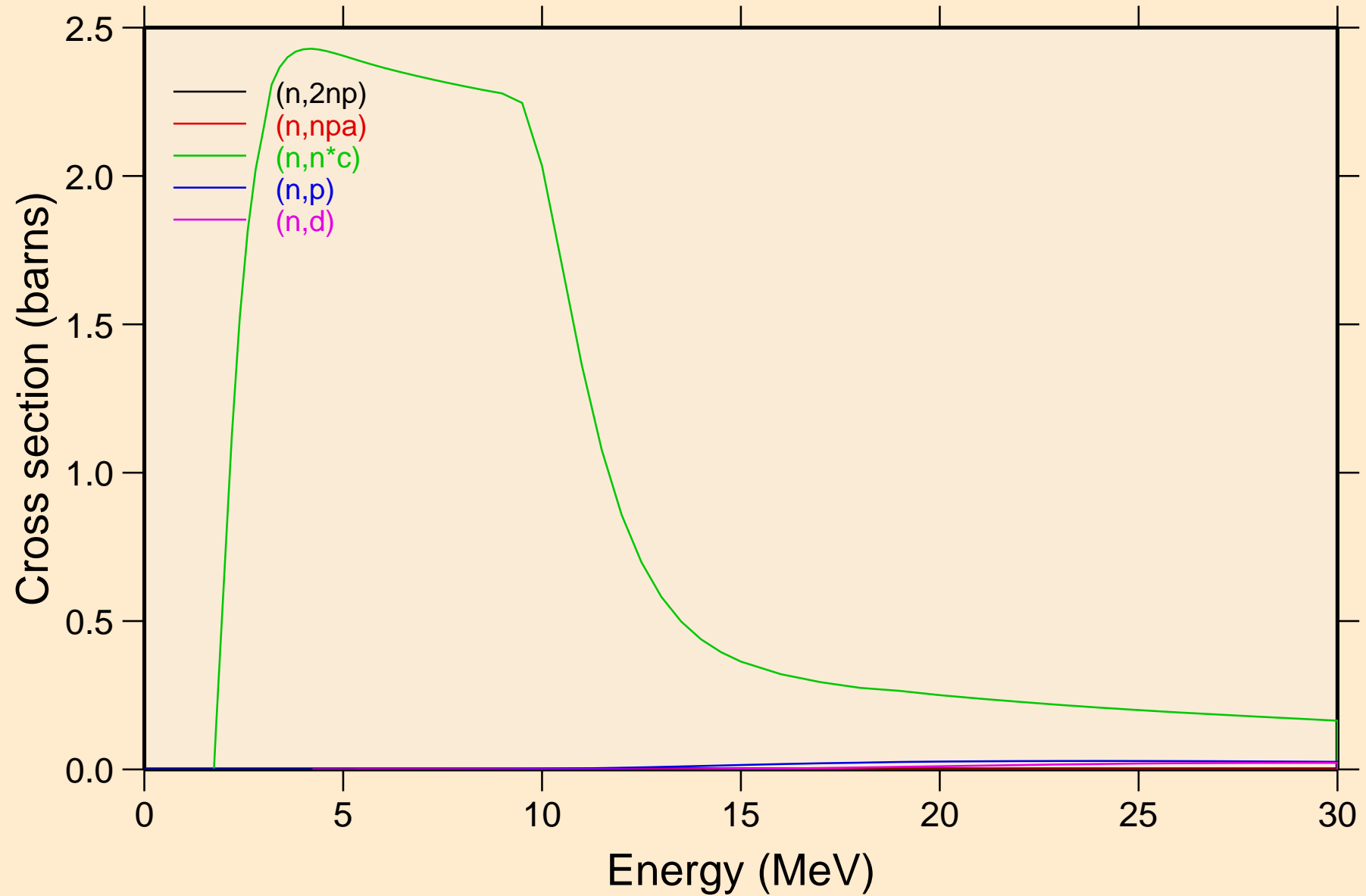
# ER162 NRG TENDL-2015, AKONING

## Threshold reactions



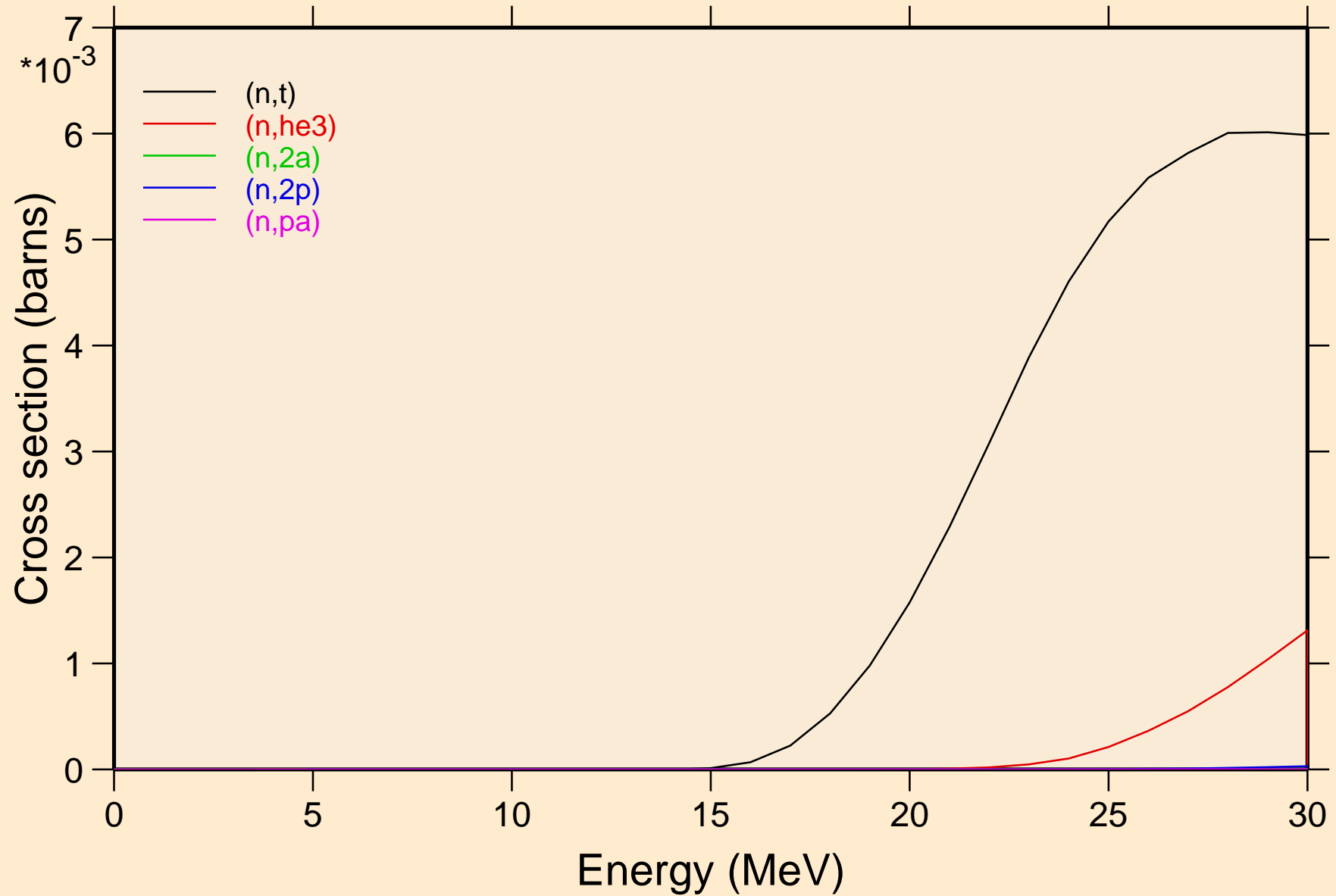
# ER162 NRG TENDL-2015, AKONING

## Threshold reactions



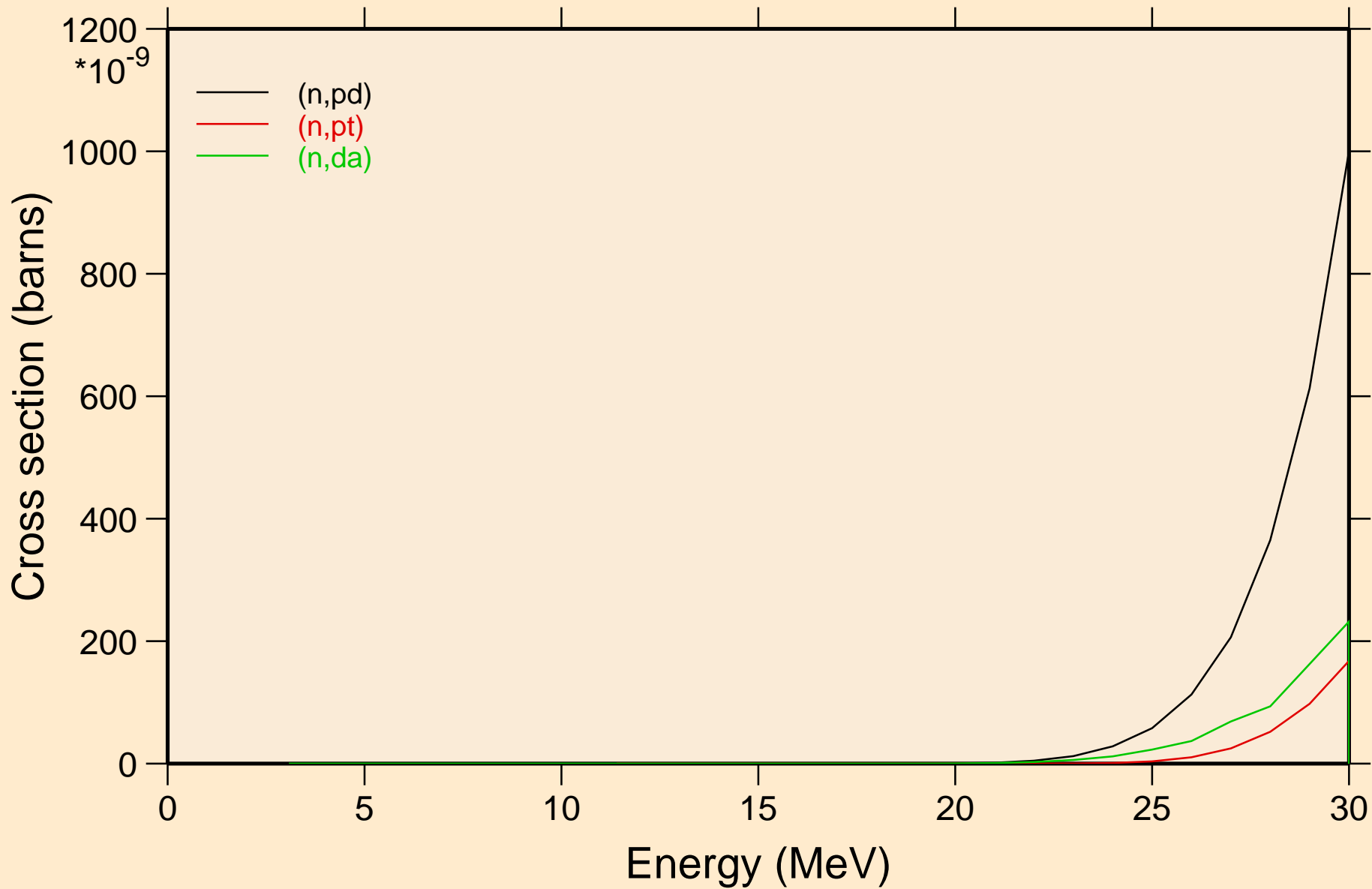
# ER162 NRG TENDL-2015, AKONING

## Threshold reactions



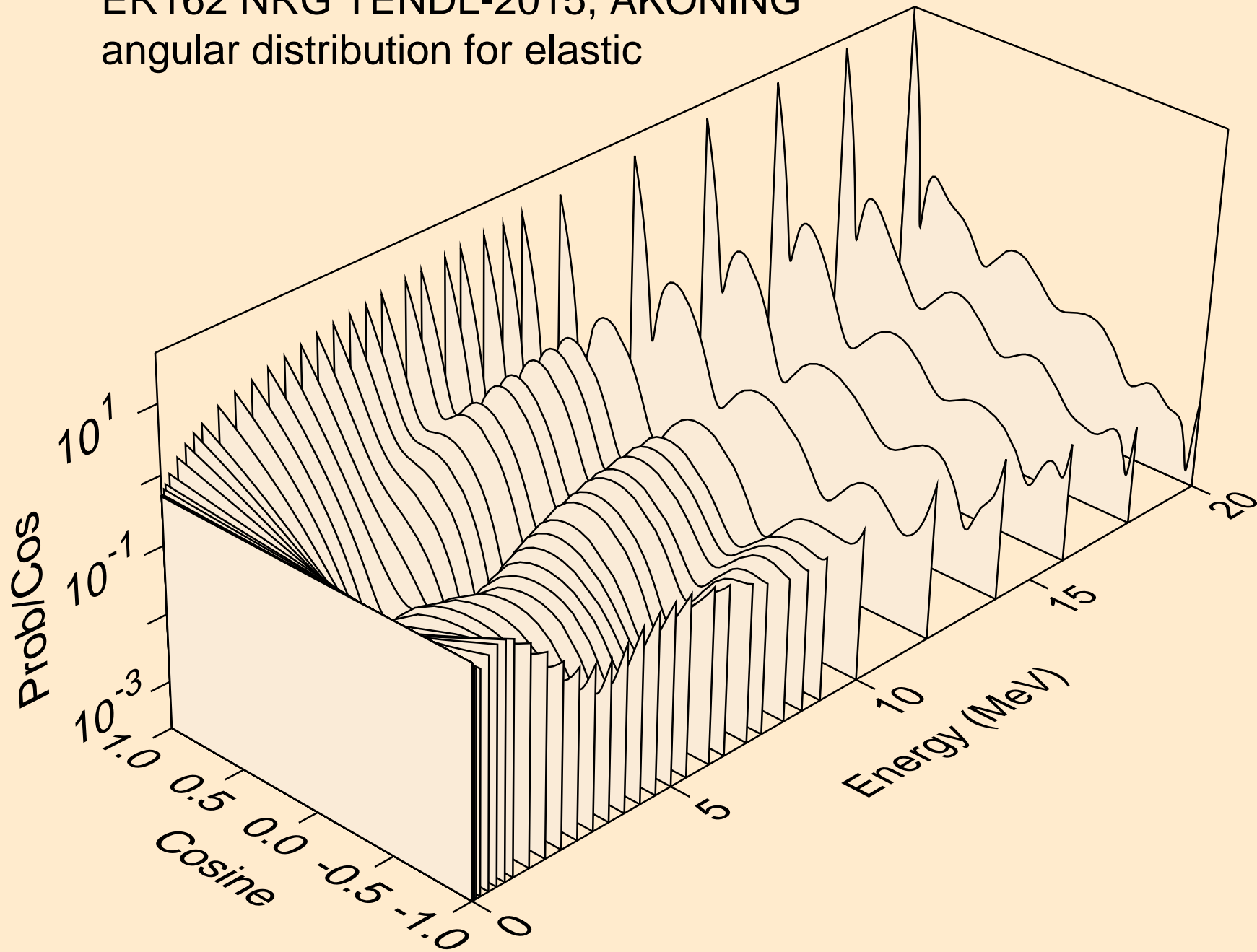
# ER162 NRG TENDL-2015, AKONING

## Threshold reactions

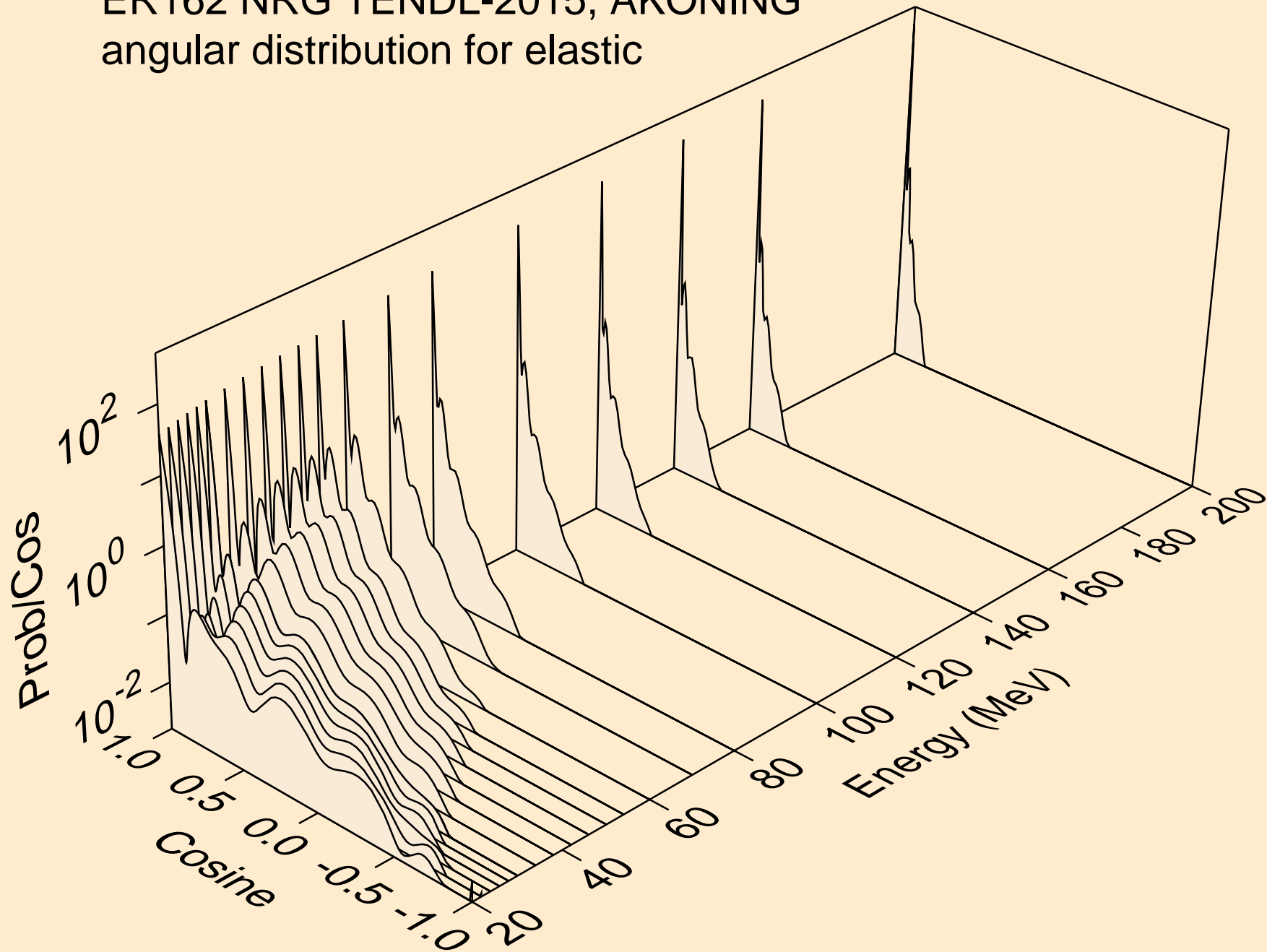




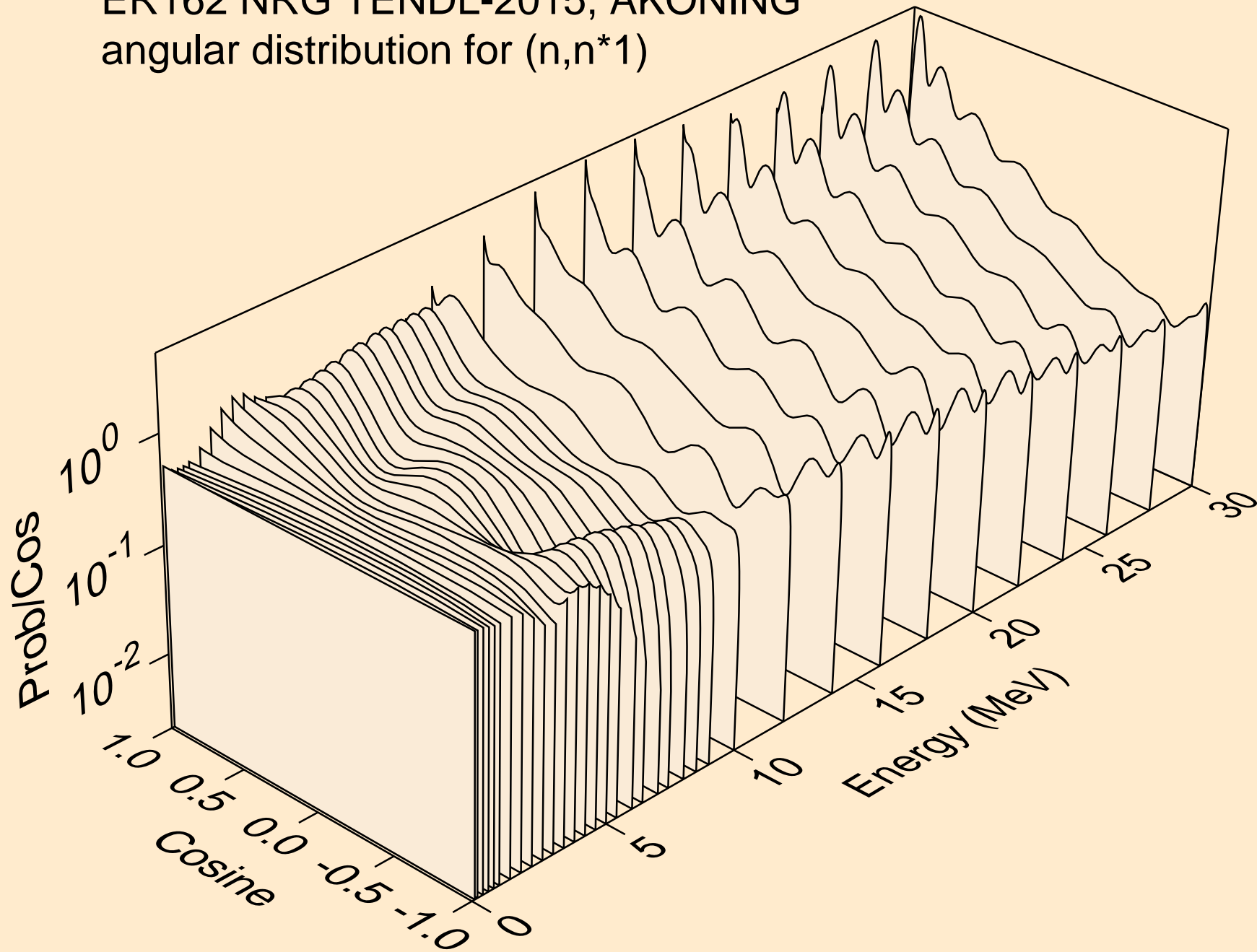
ER162 NRG TENDL-2015, AKONING  
angular distribution for elastic



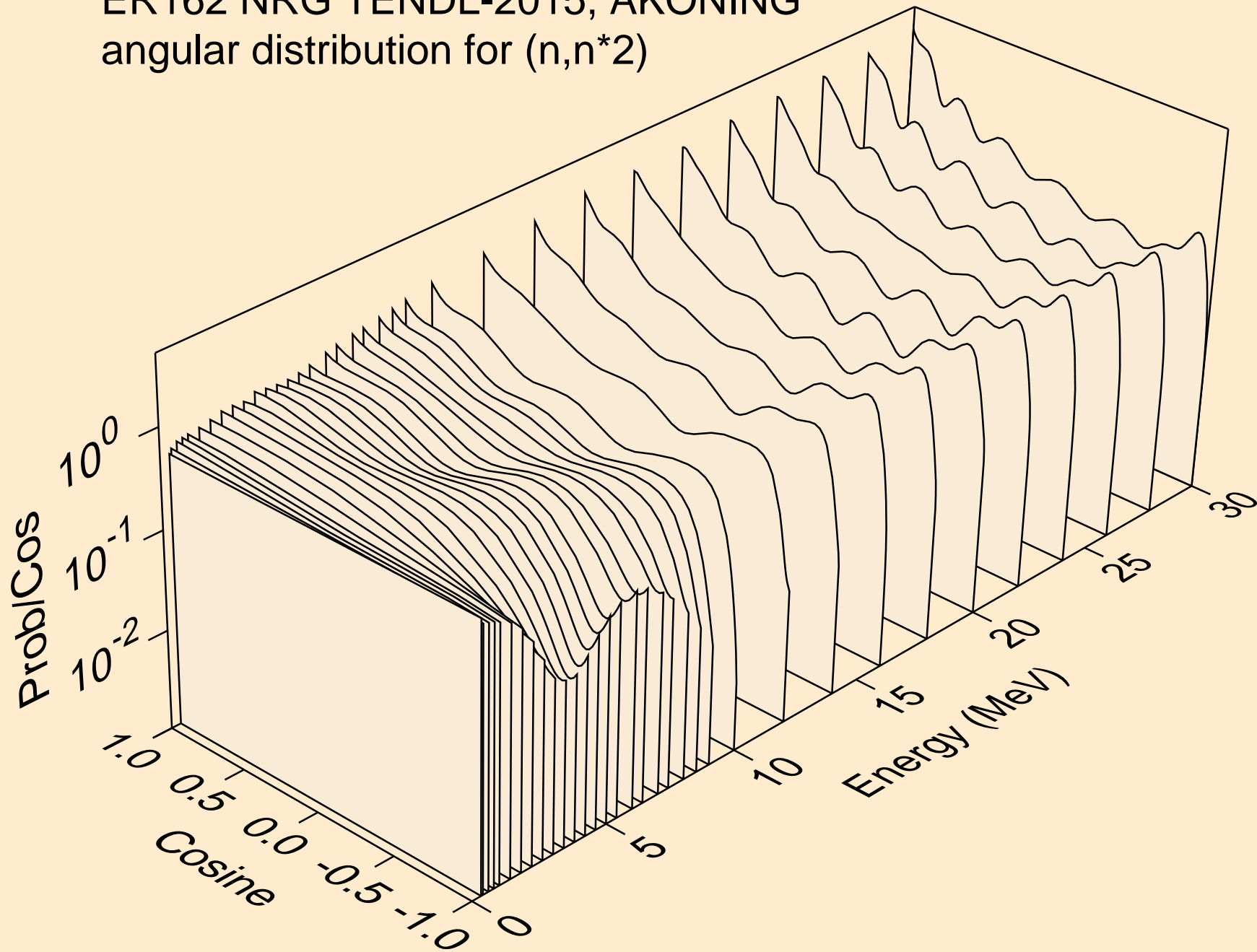
ER162 NRG TENDL-2015, AKONING  
angular distribution for elastic



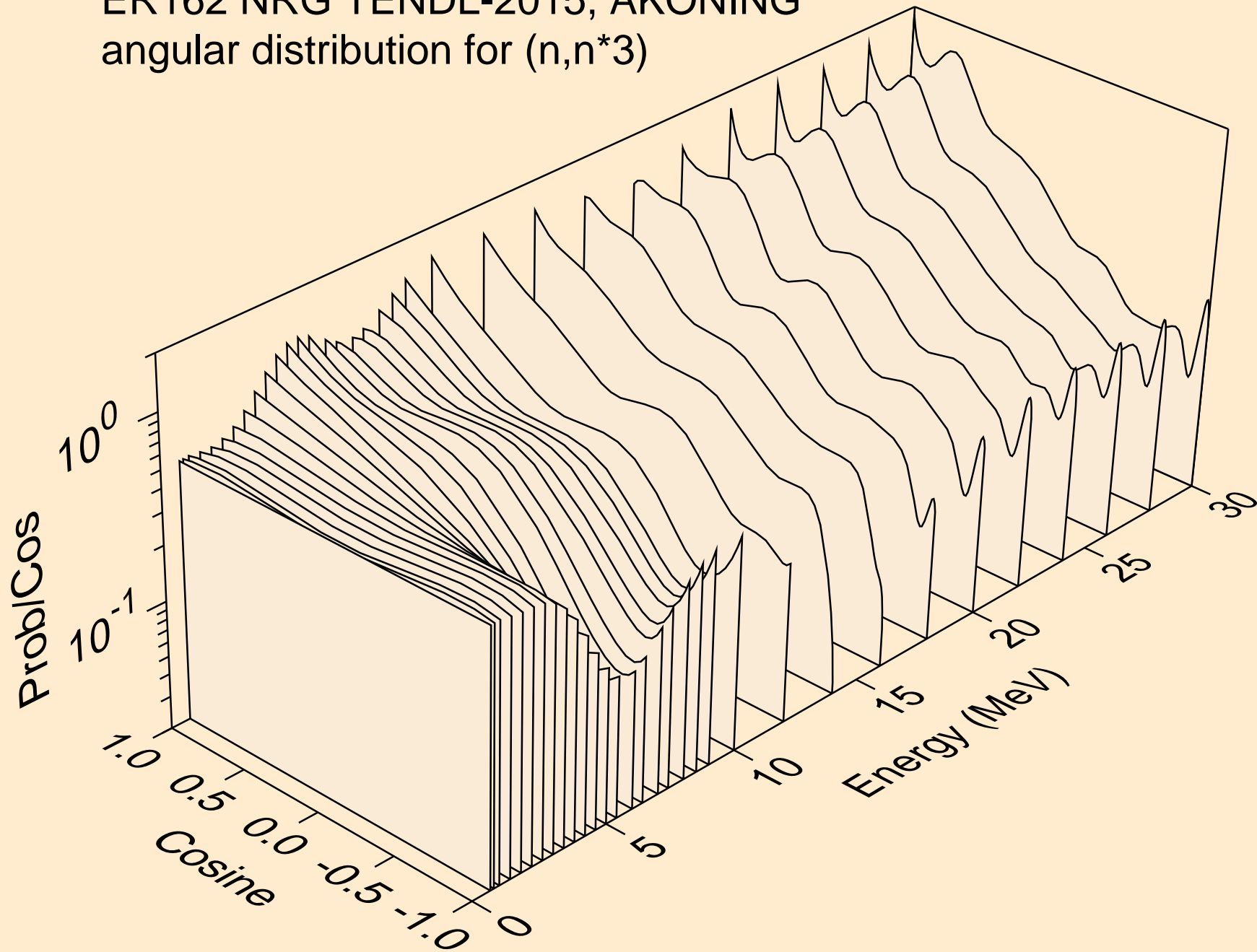
ER162 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



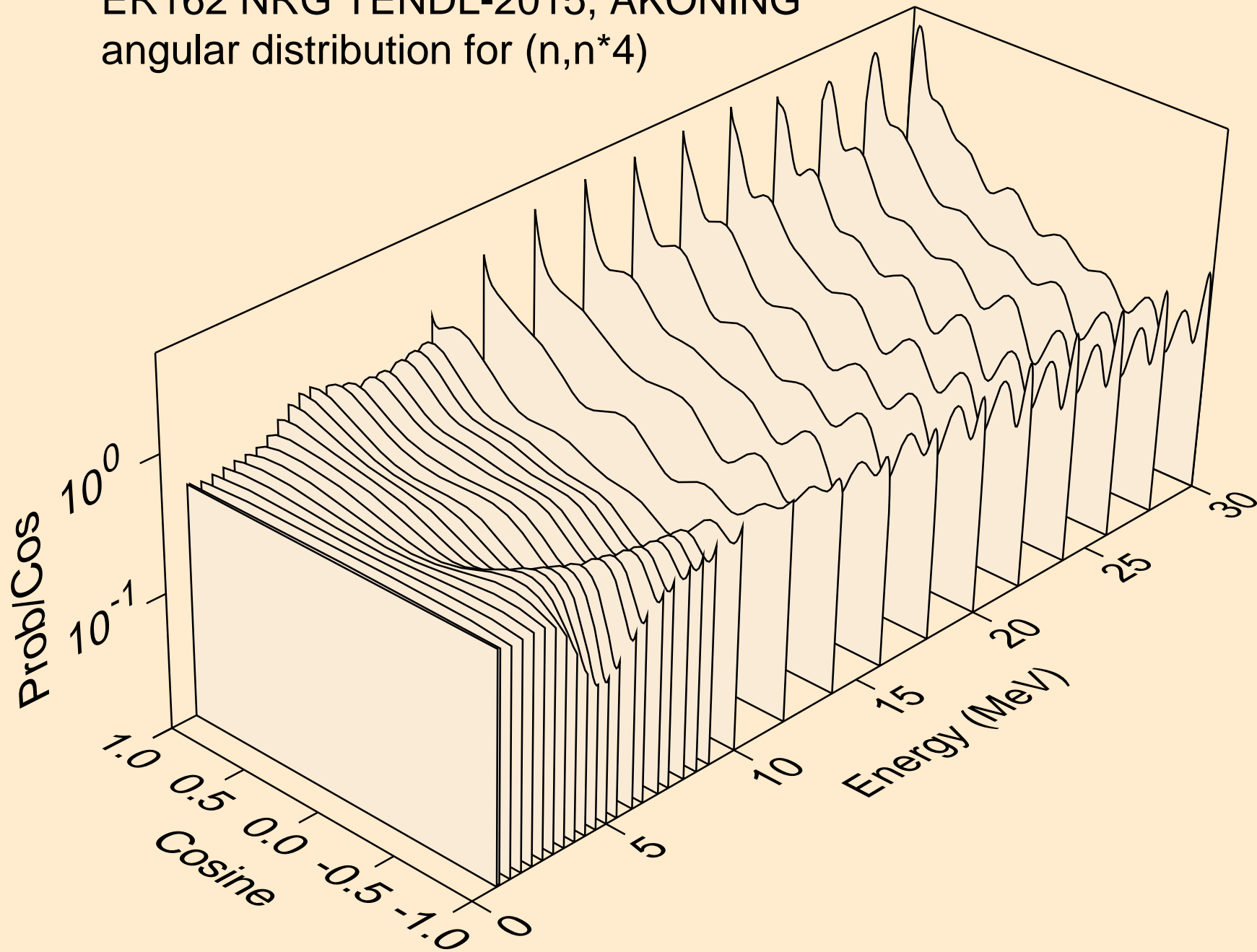
ER162 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



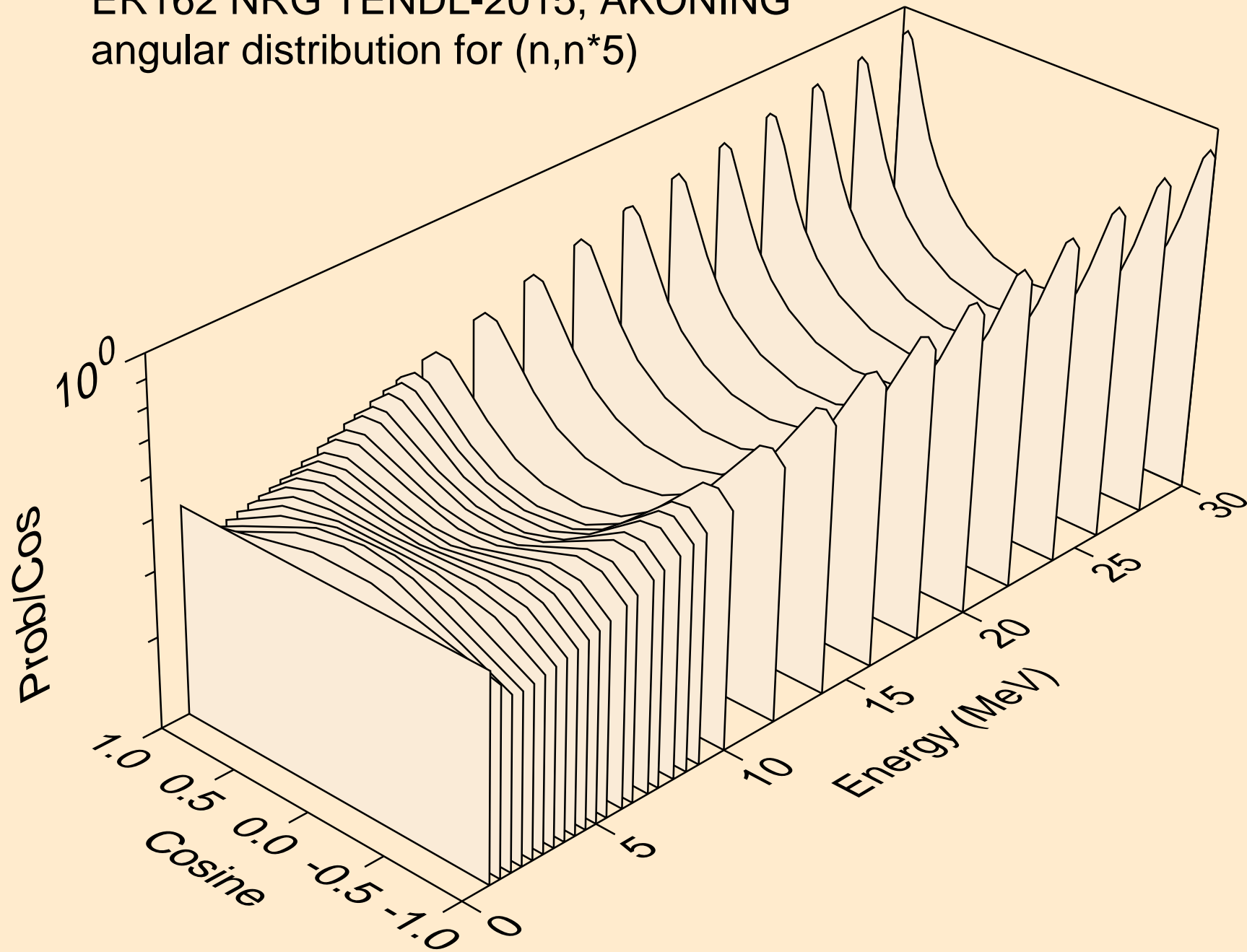
ER162 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



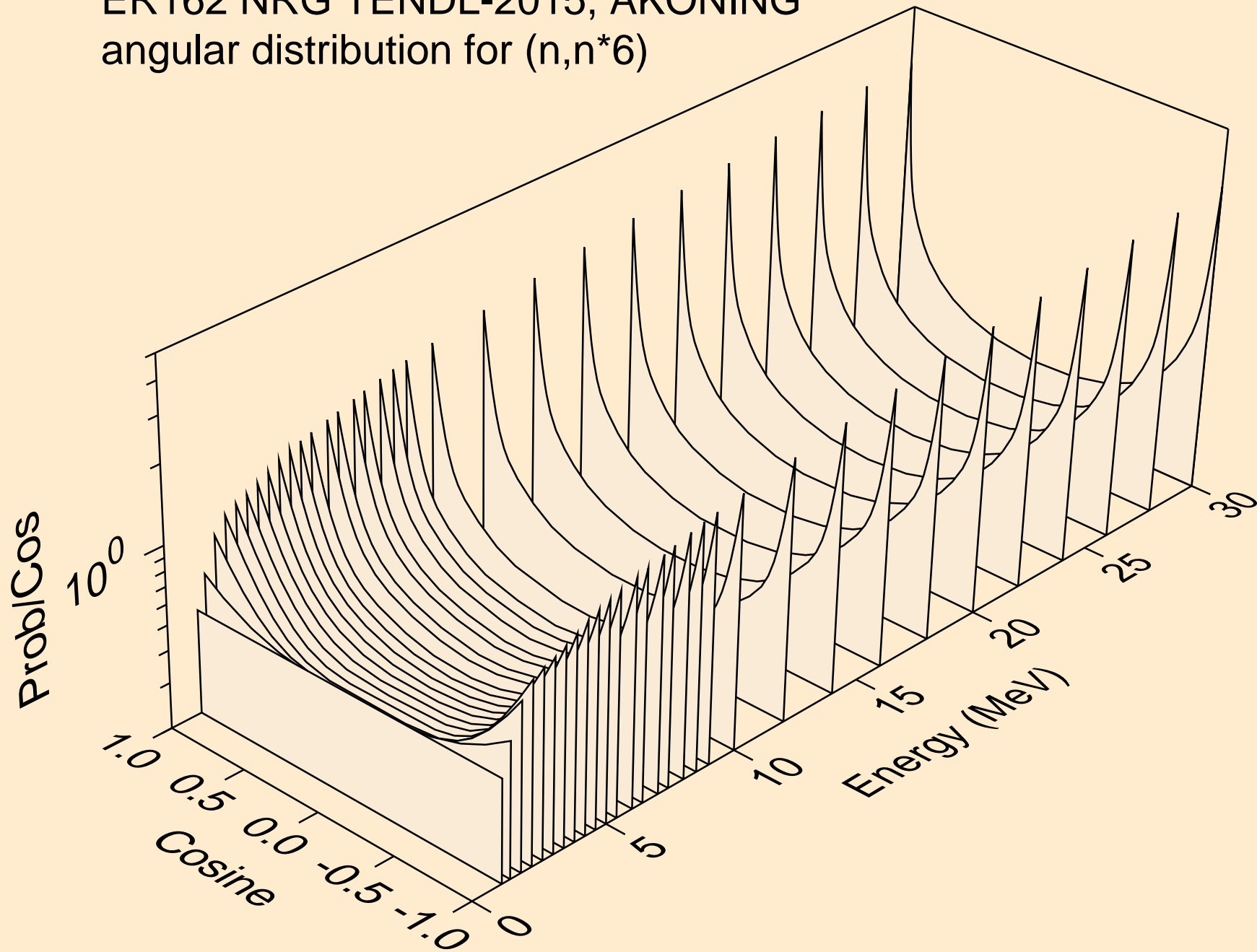
ER162 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



ER162 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

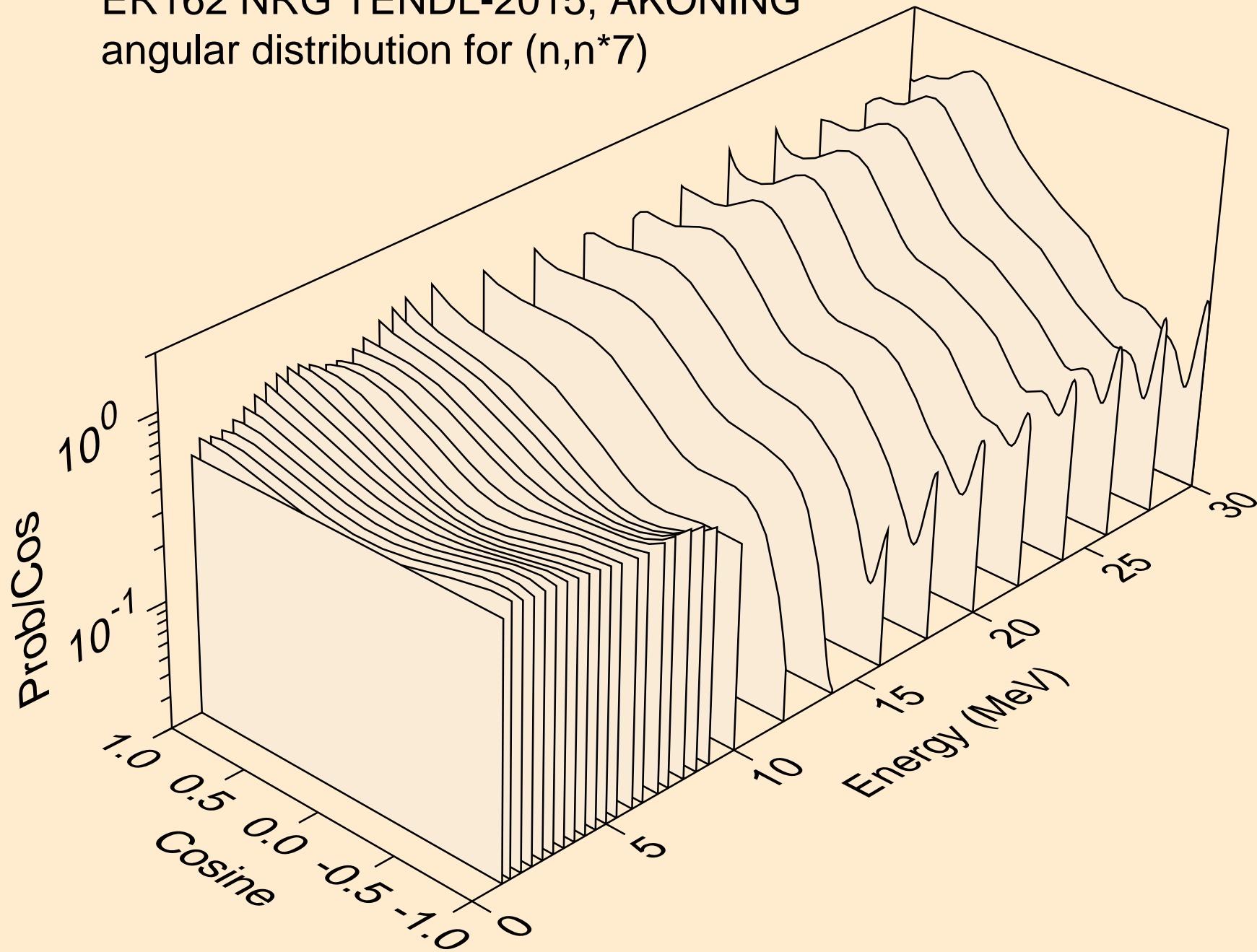


ER162 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

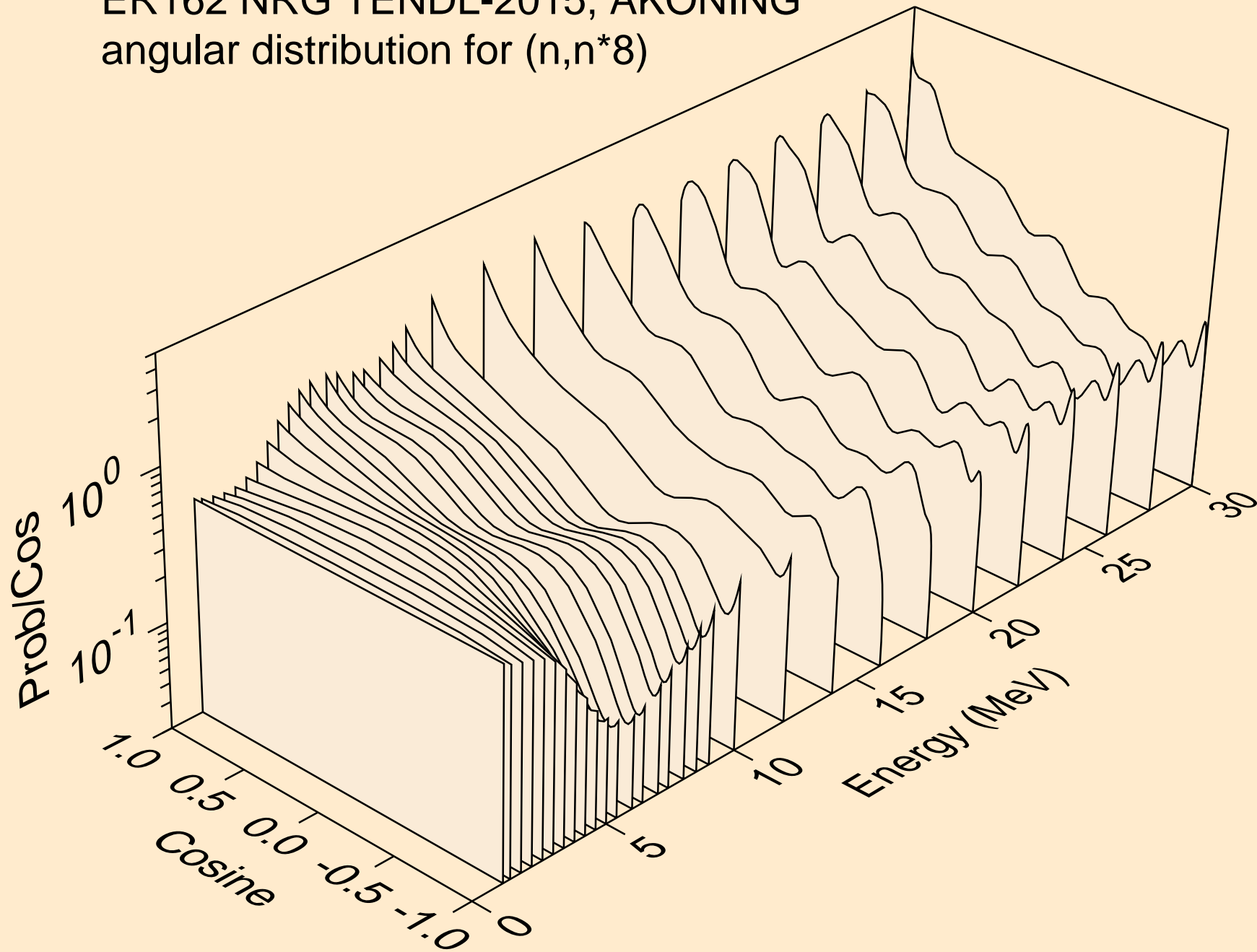




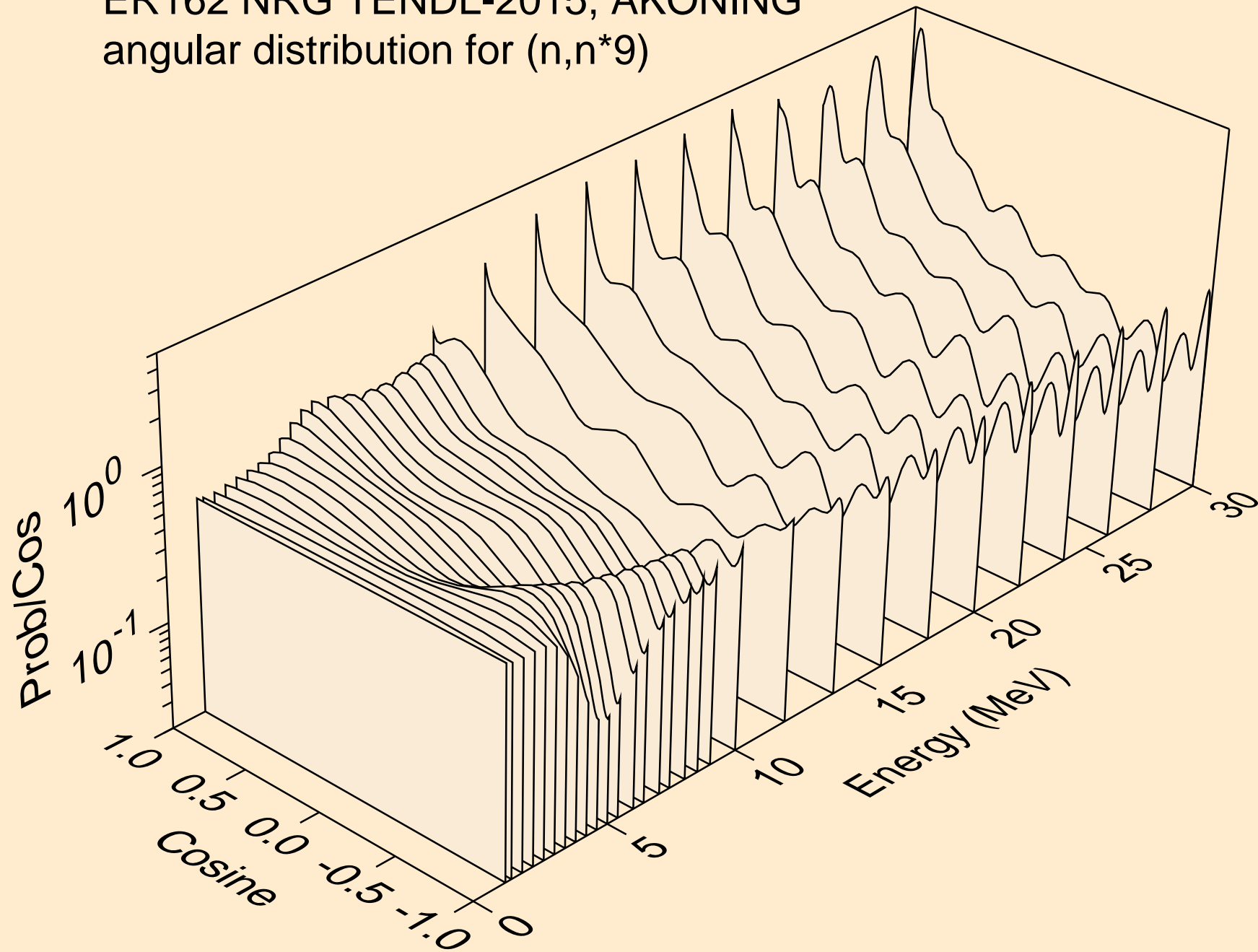
ER162 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



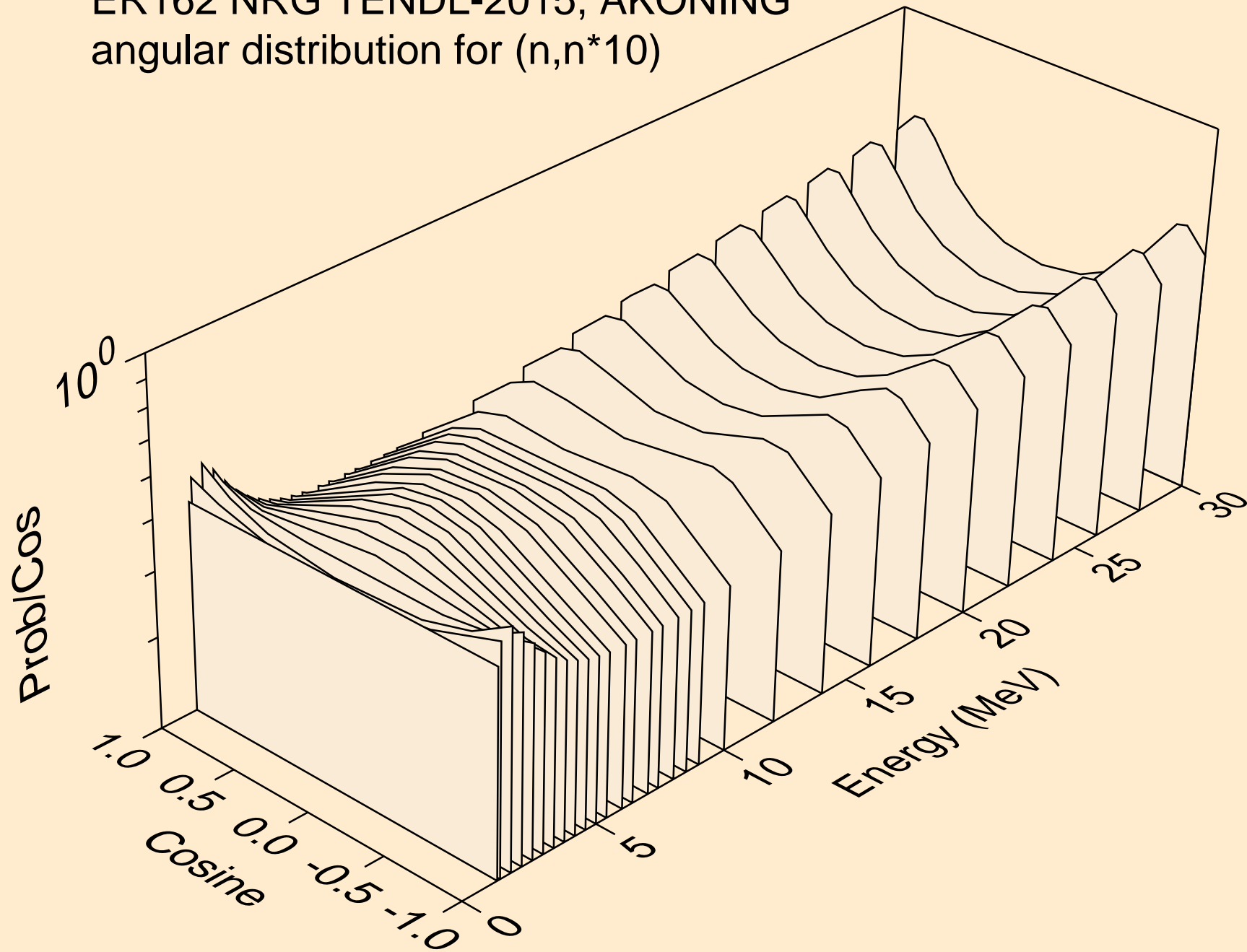
ER162 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



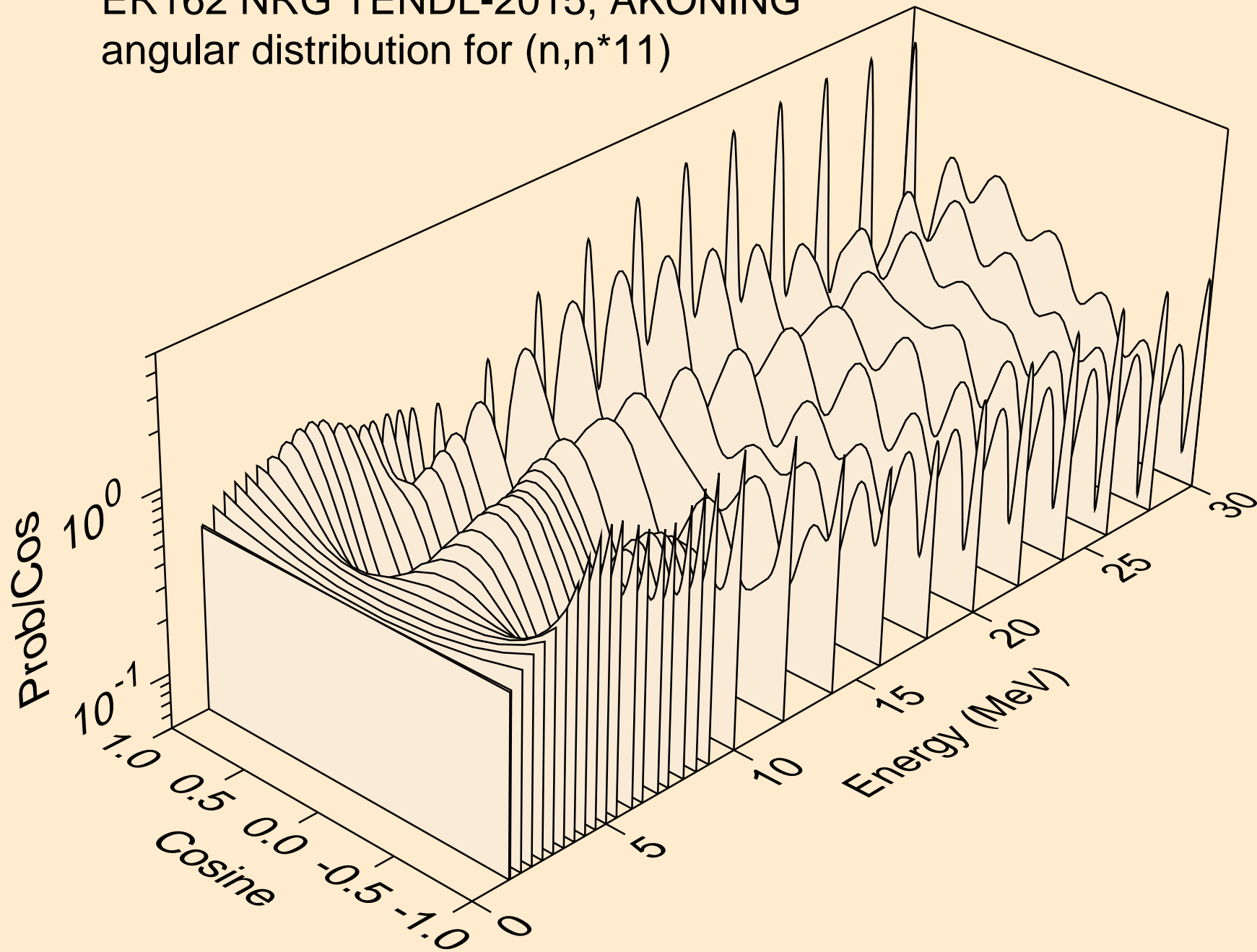
ER162 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



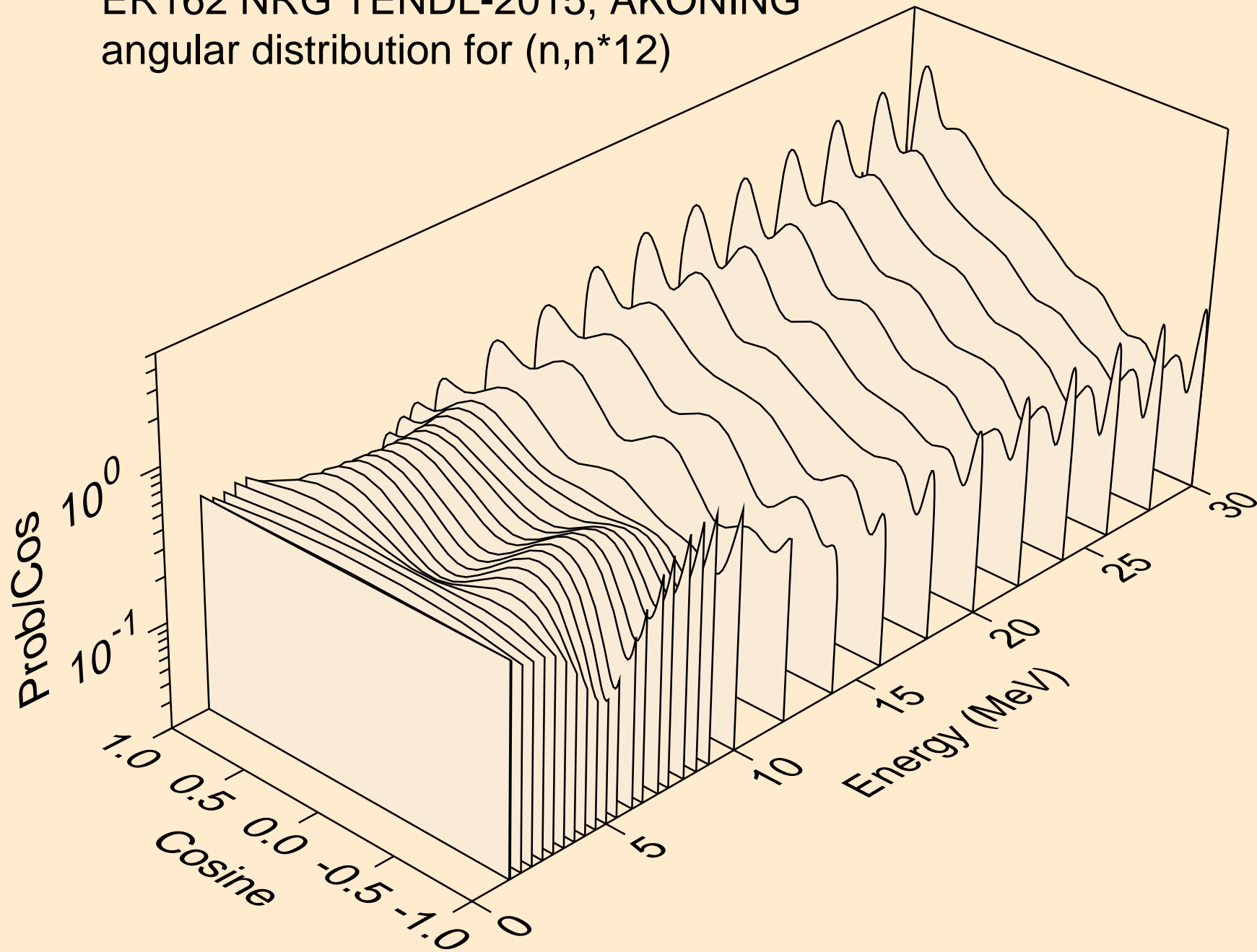
ER162 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



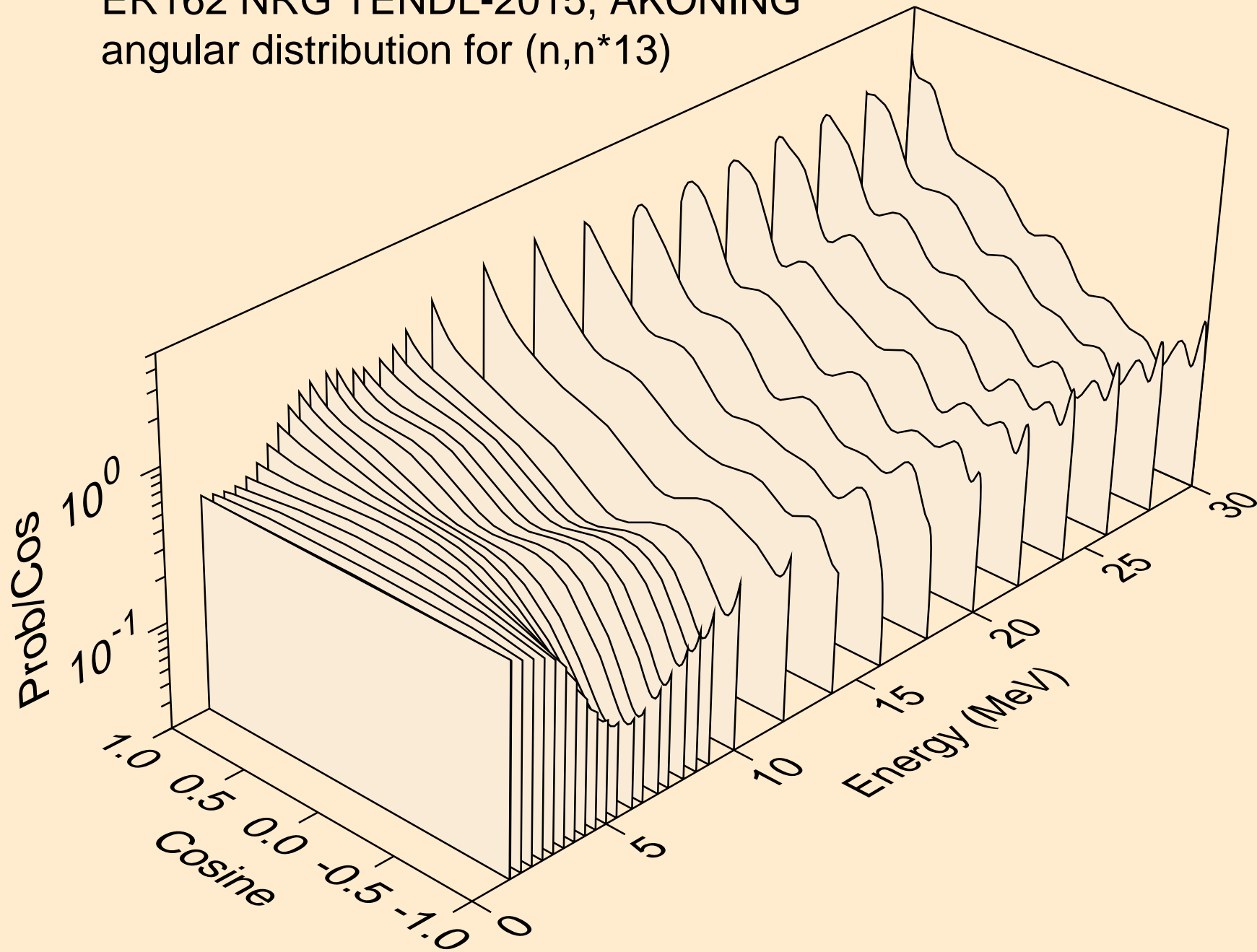
ER162 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



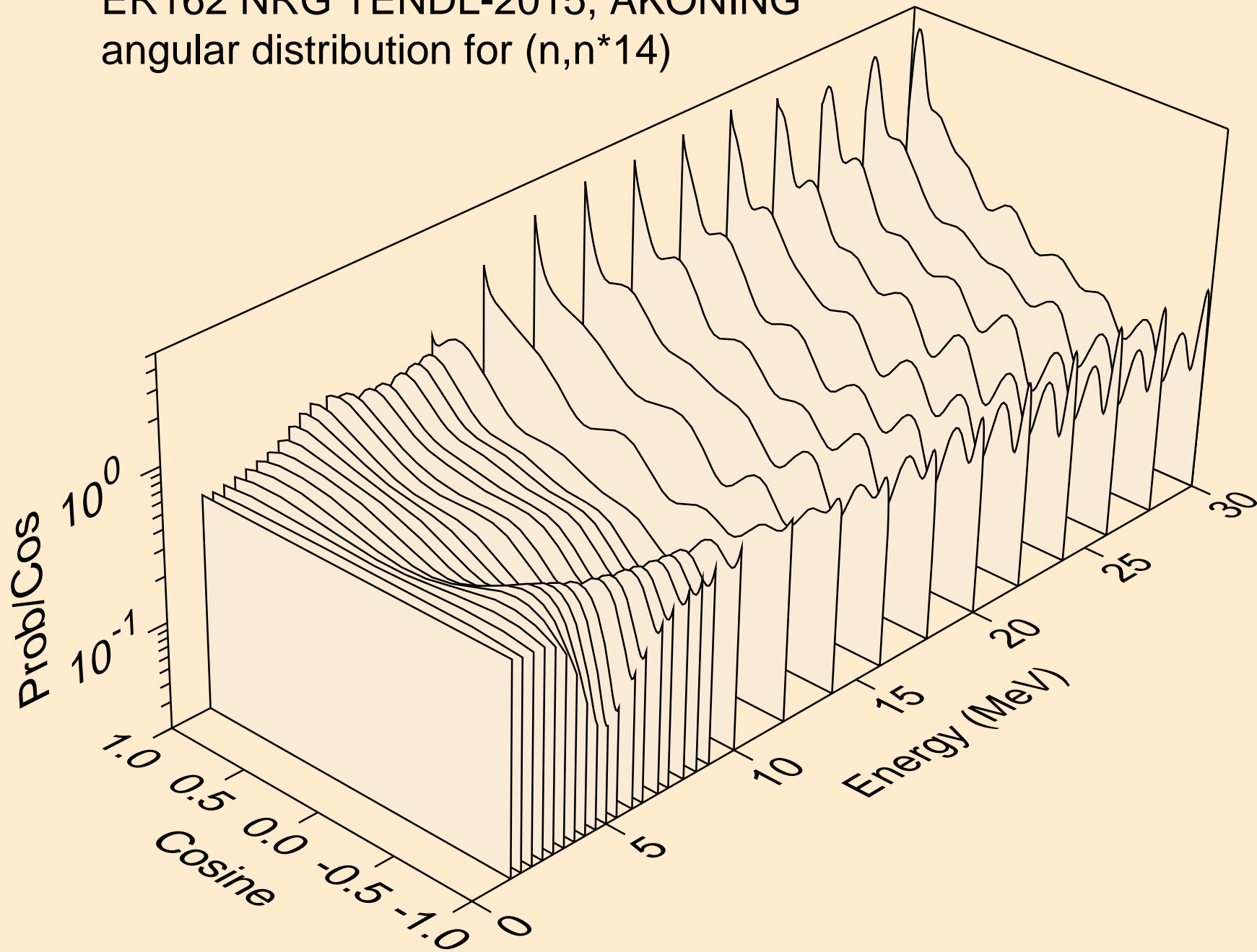
ER162 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



ER162 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

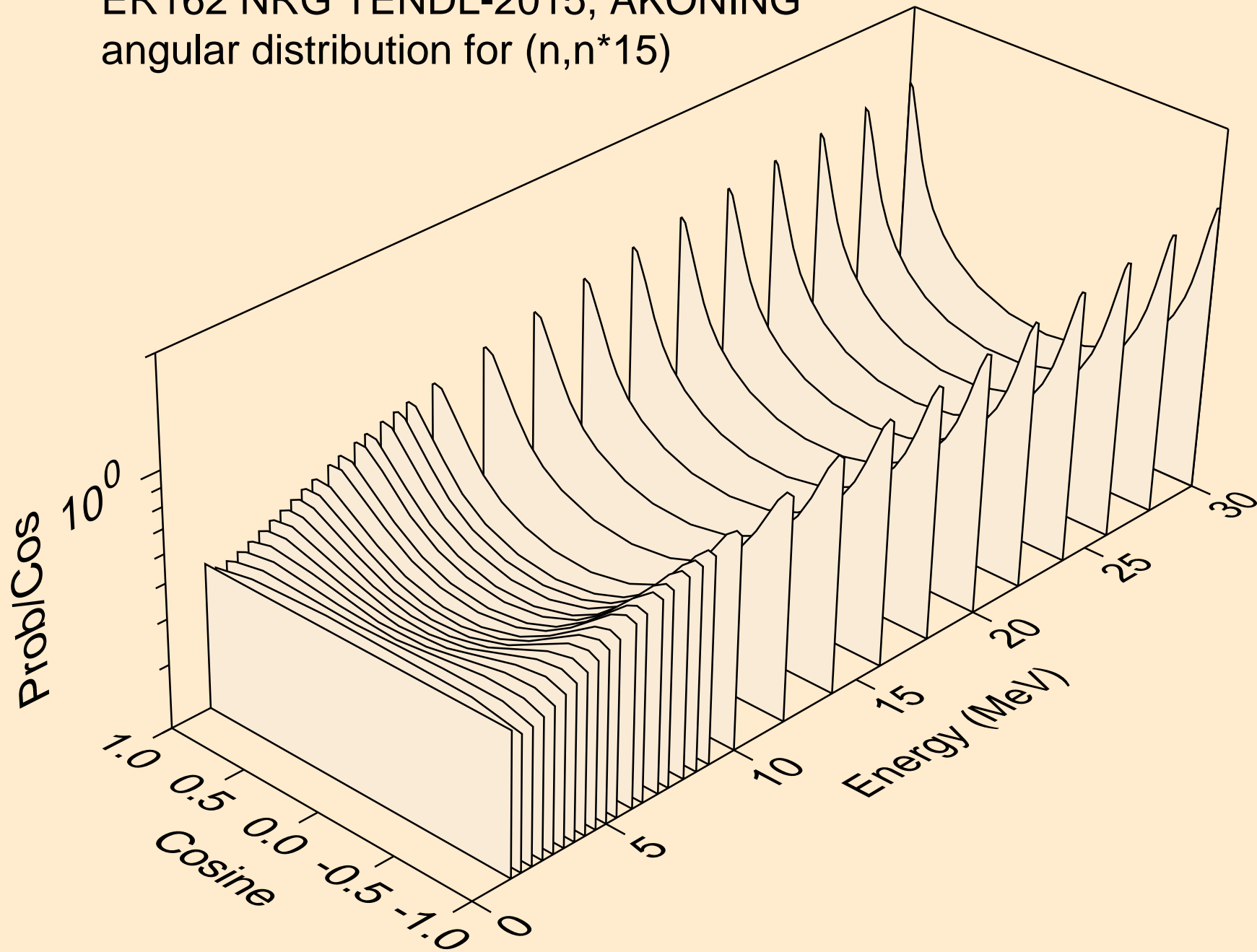


ER162 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

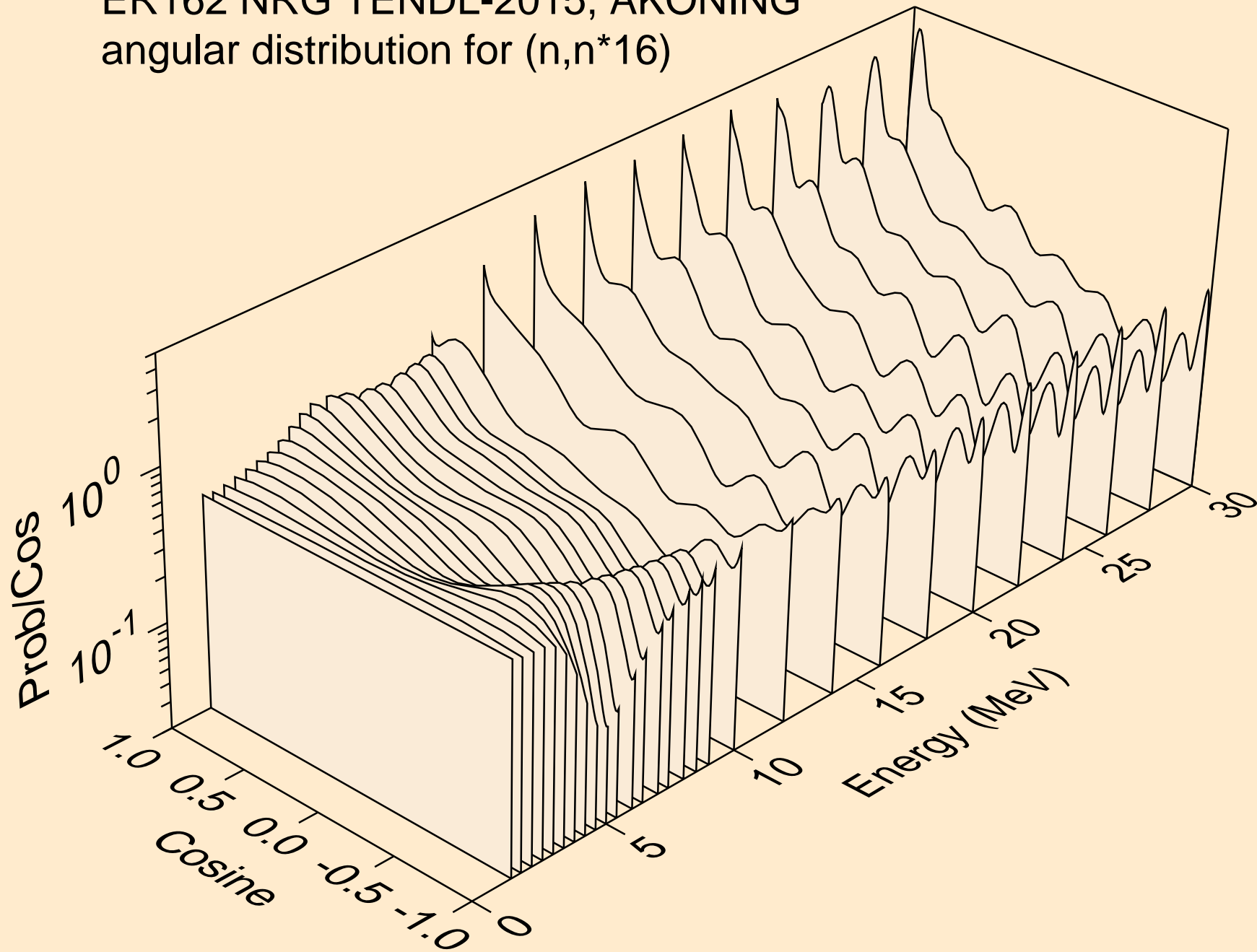




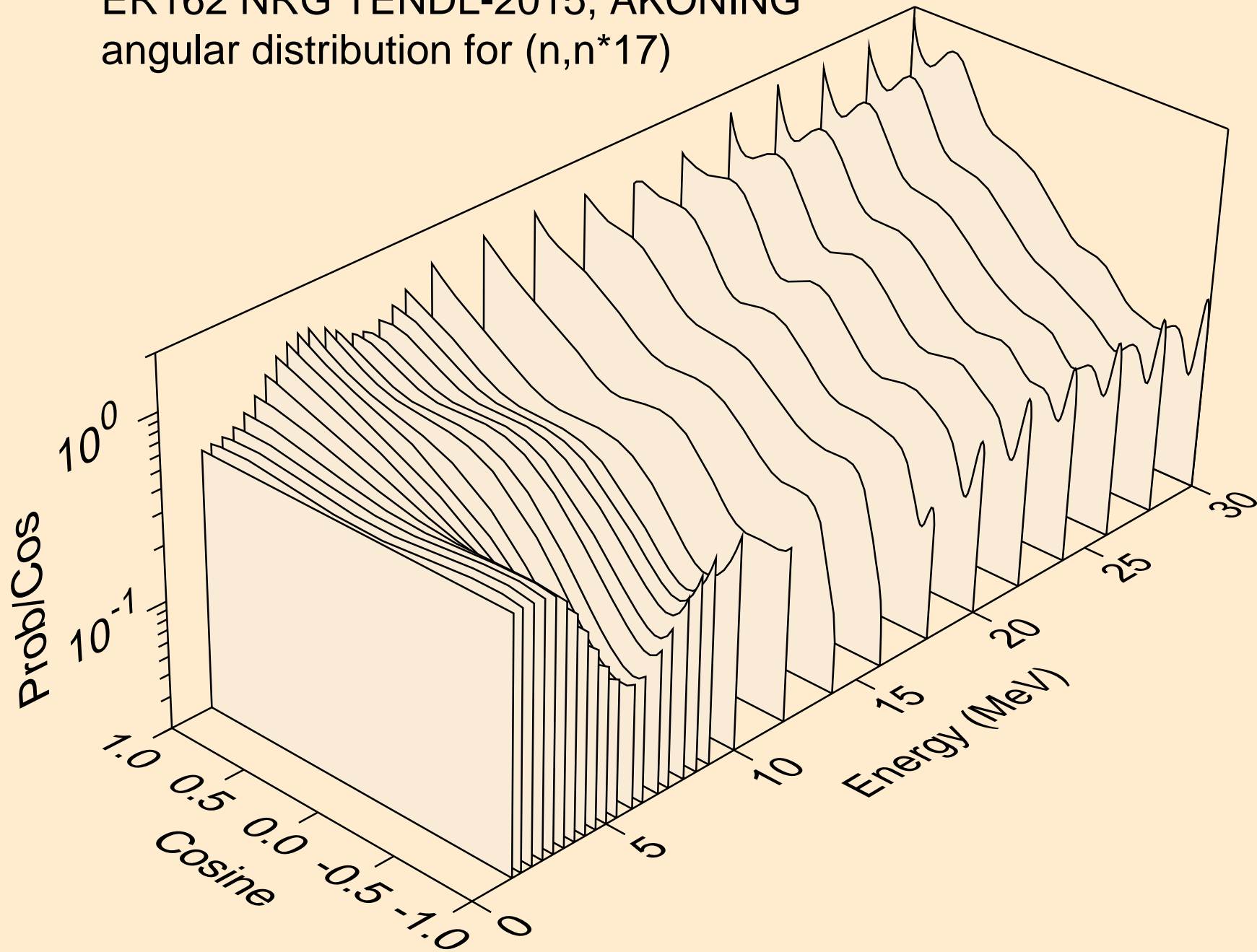
ER162 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



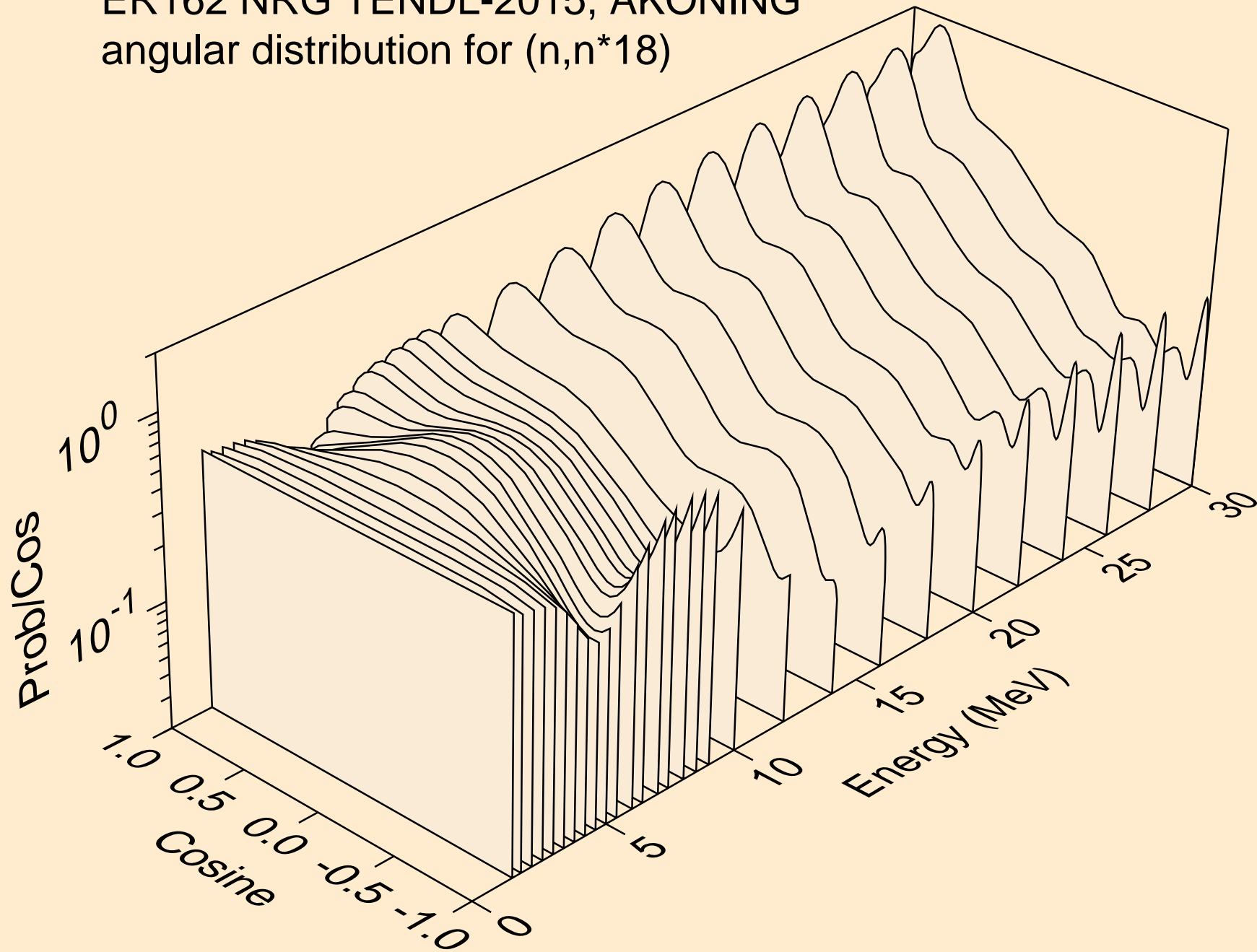
ER162 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



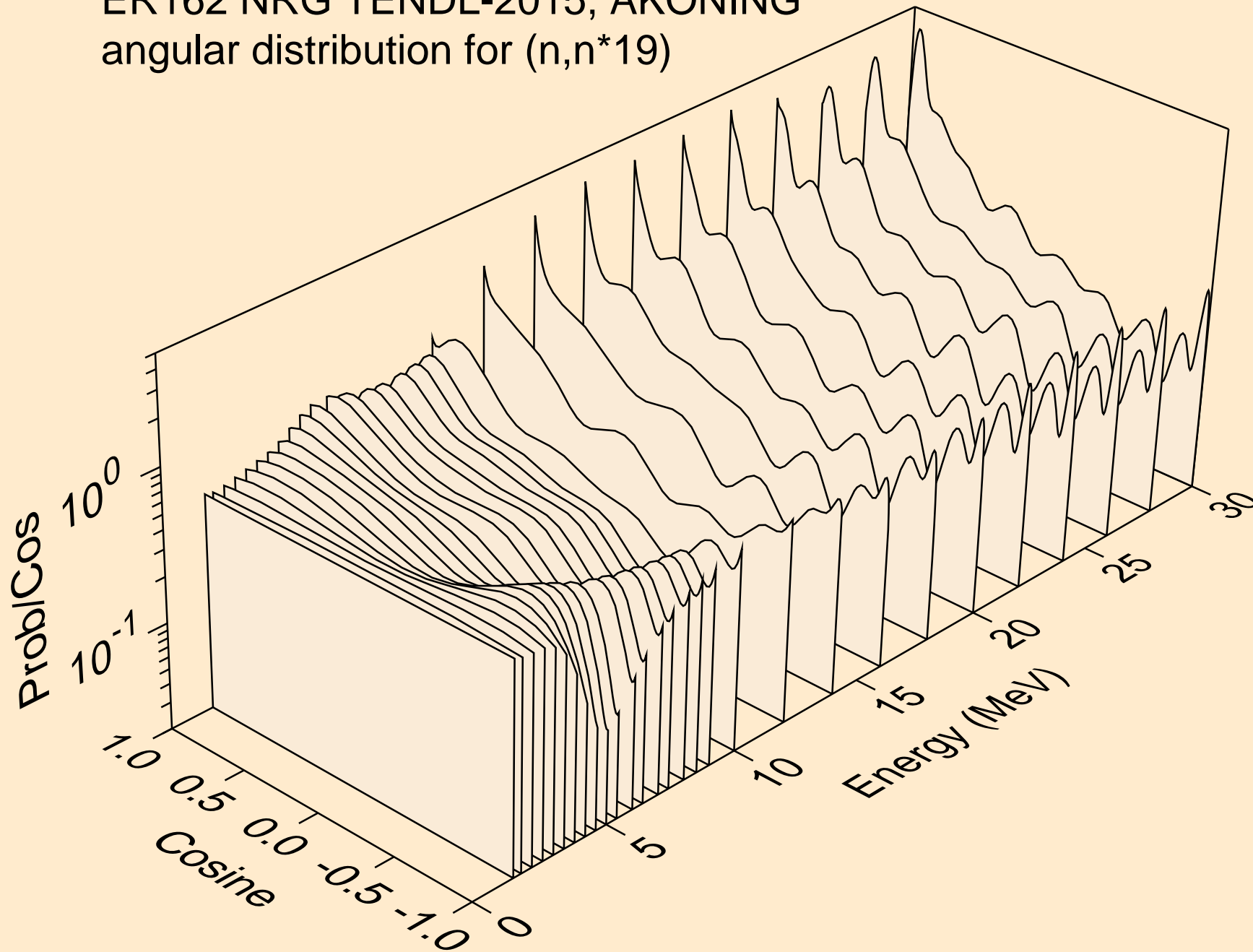
ER162 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



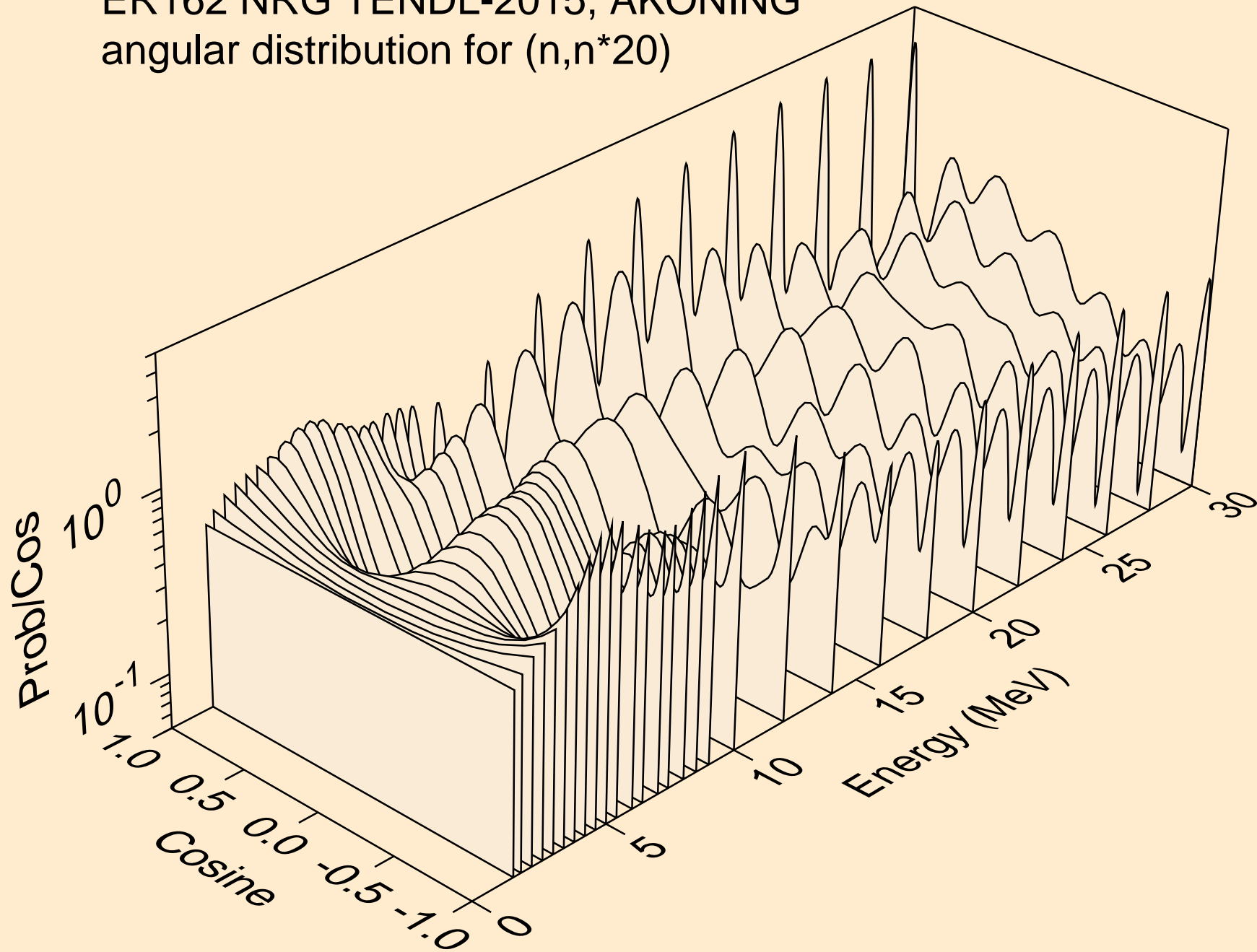
ER162 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



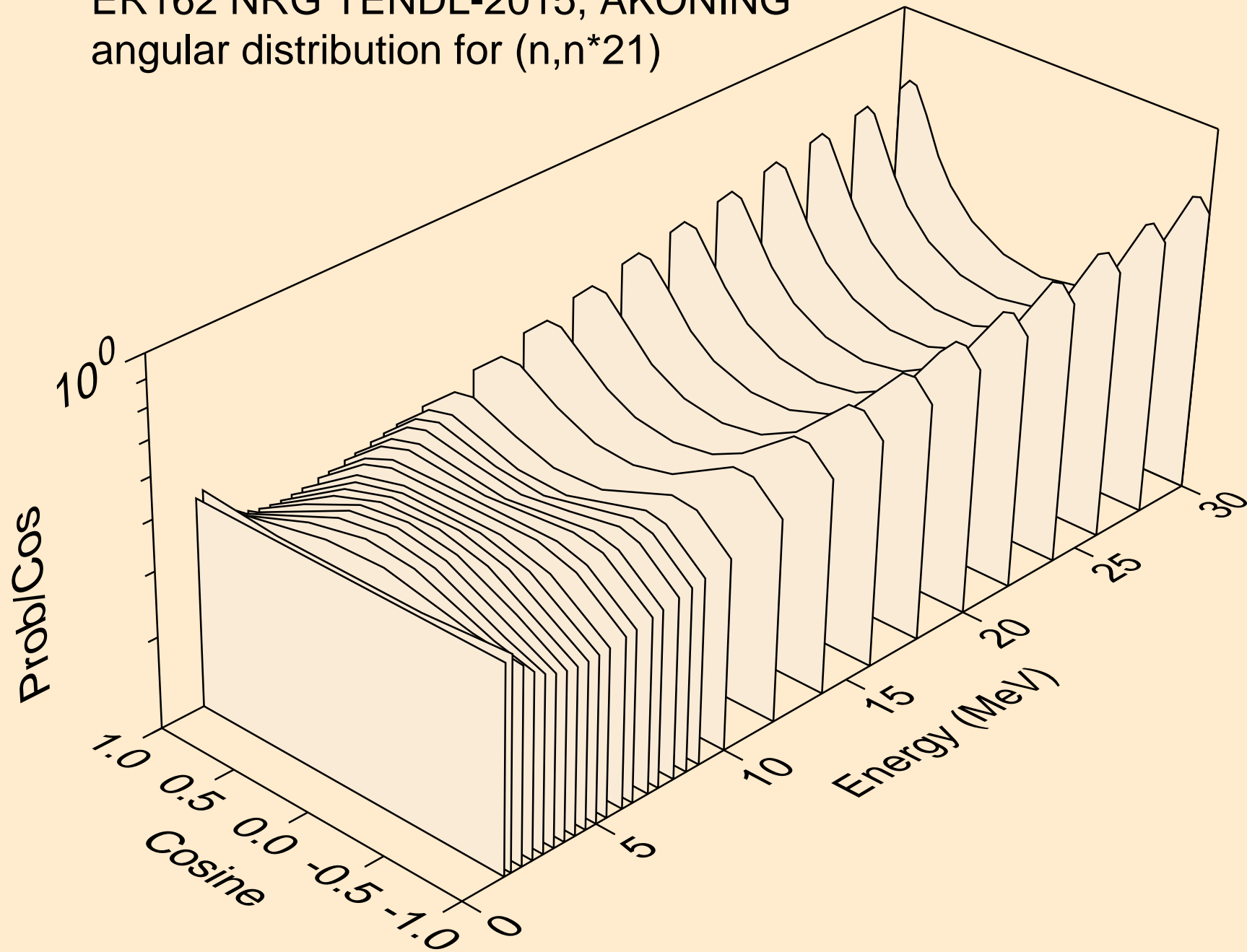
ER162 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



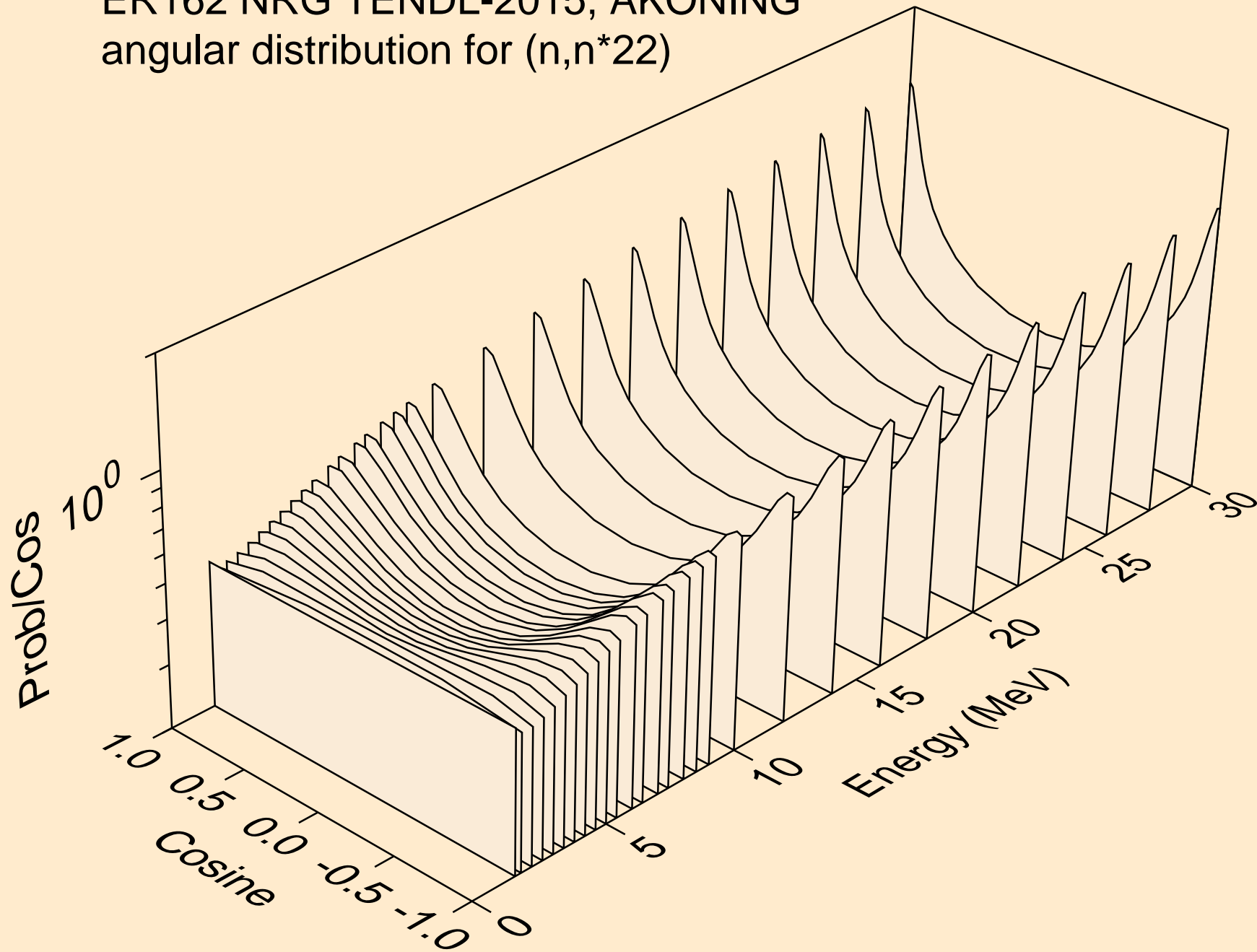
ER162 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



ER162 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

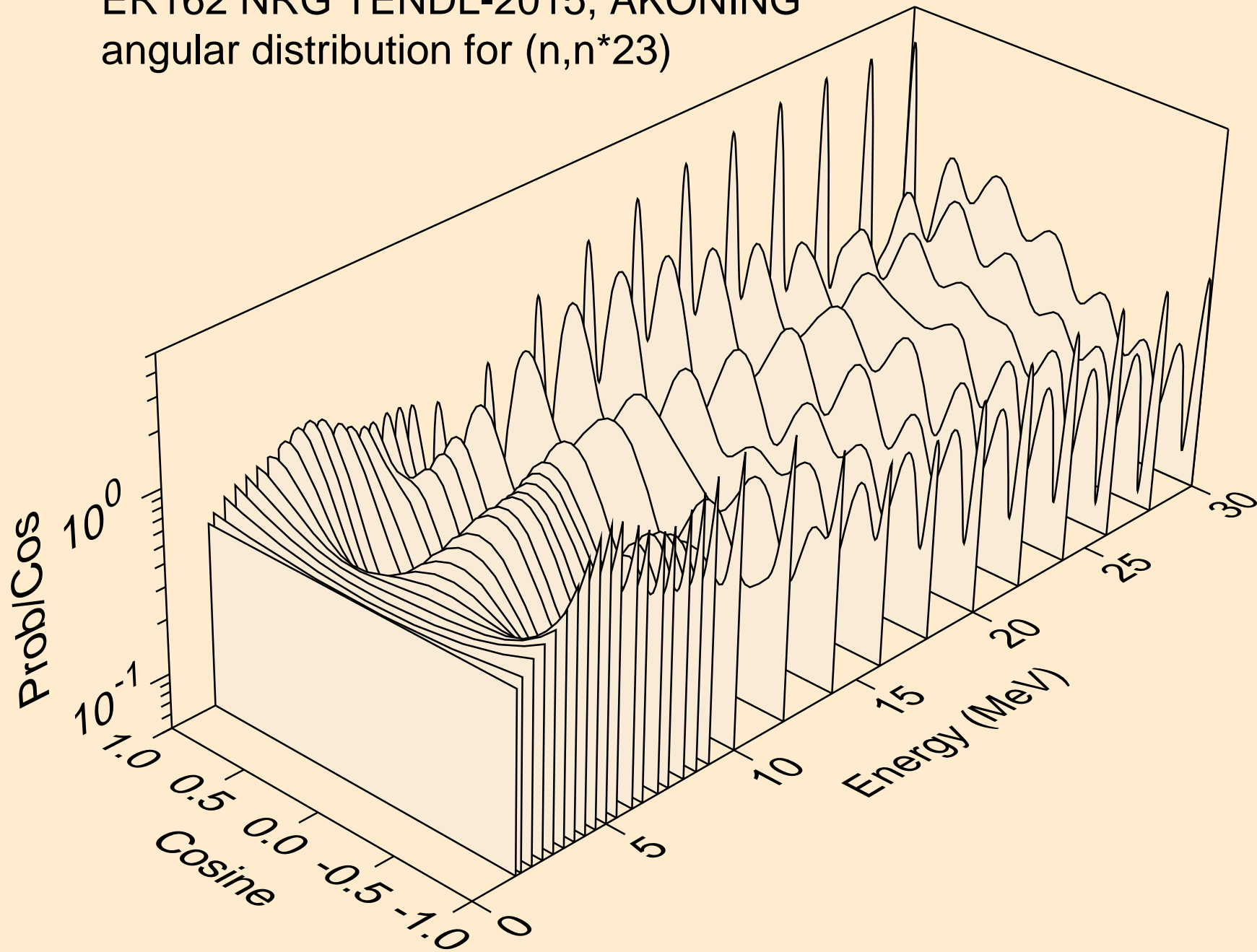


ER162 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

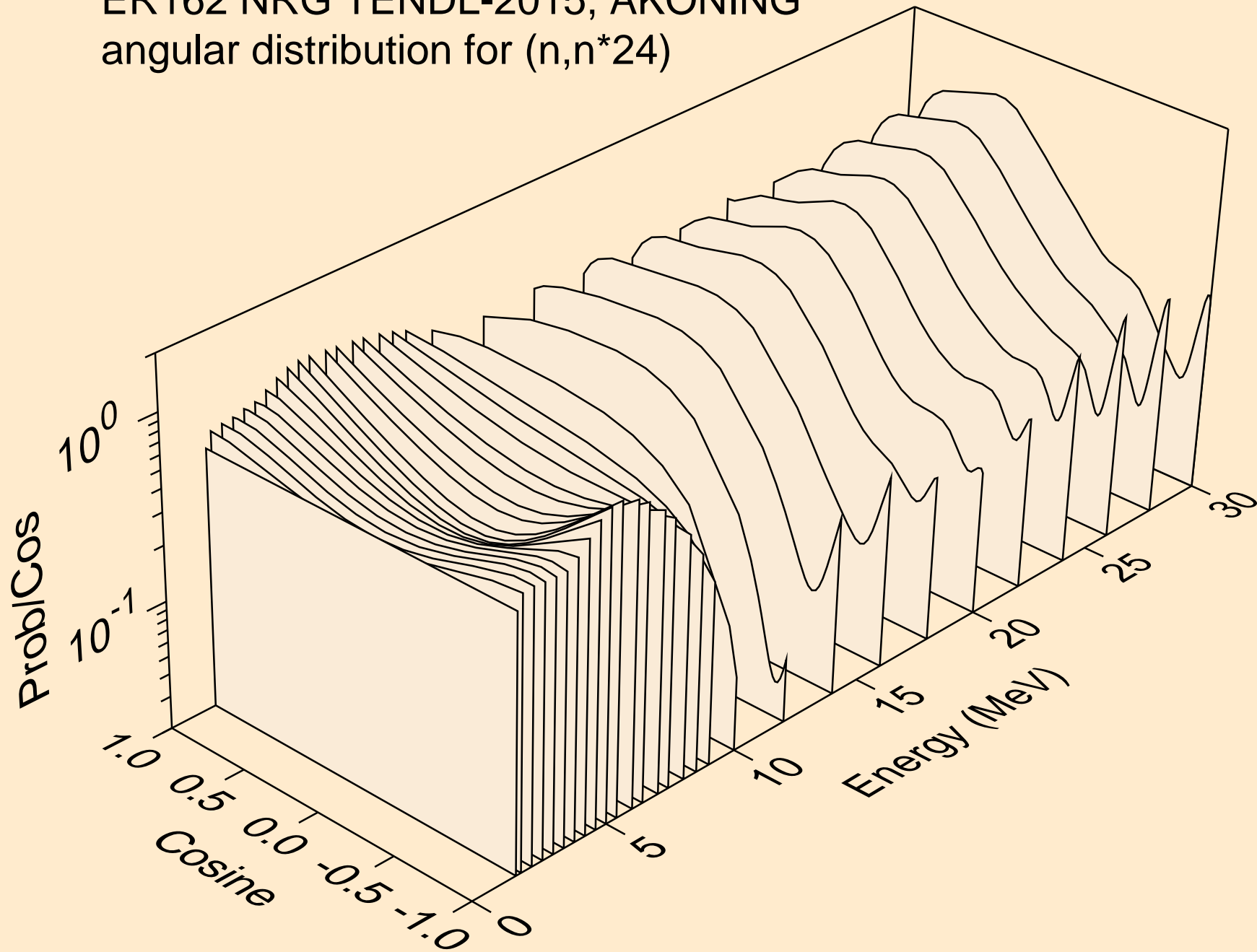




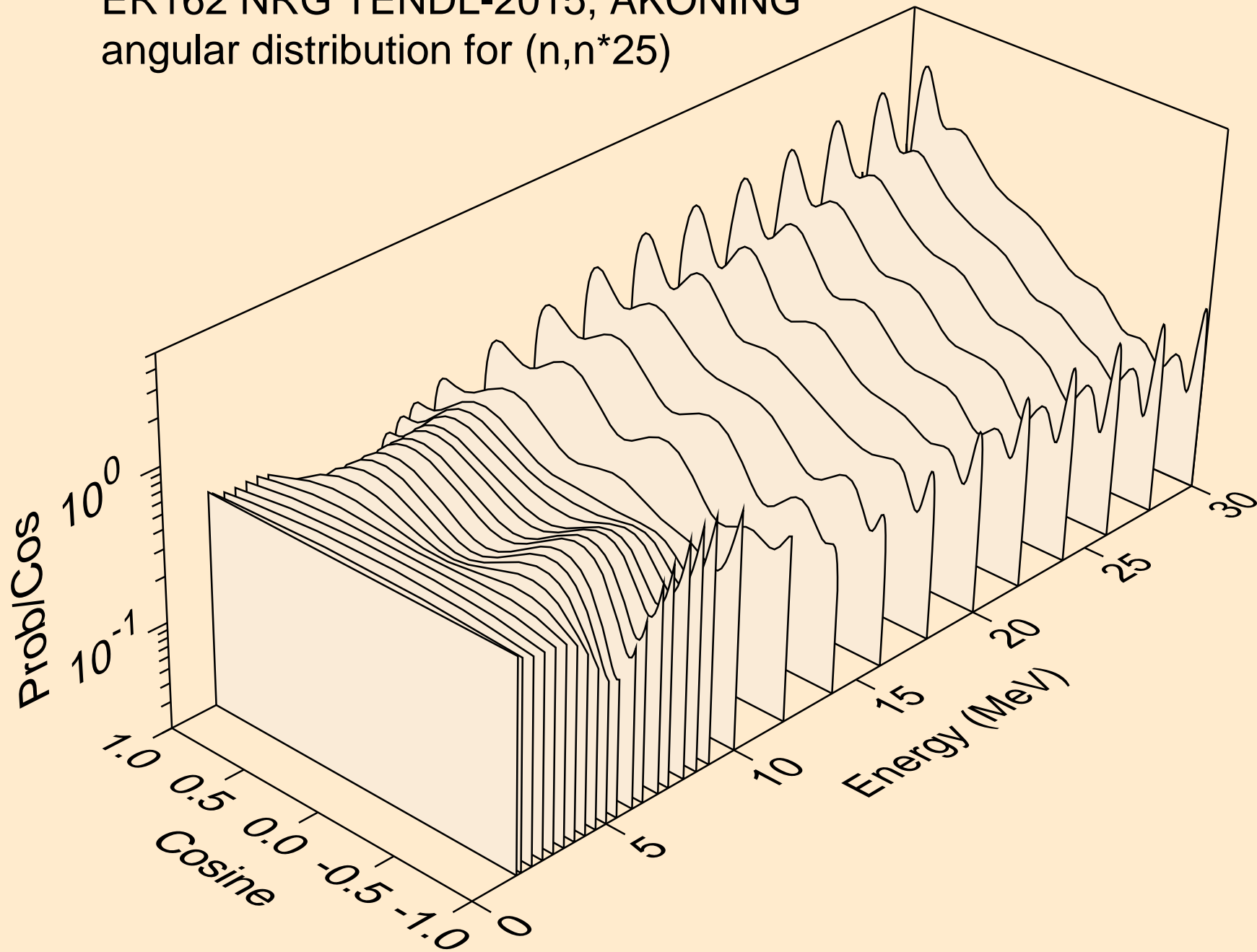
ER162 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



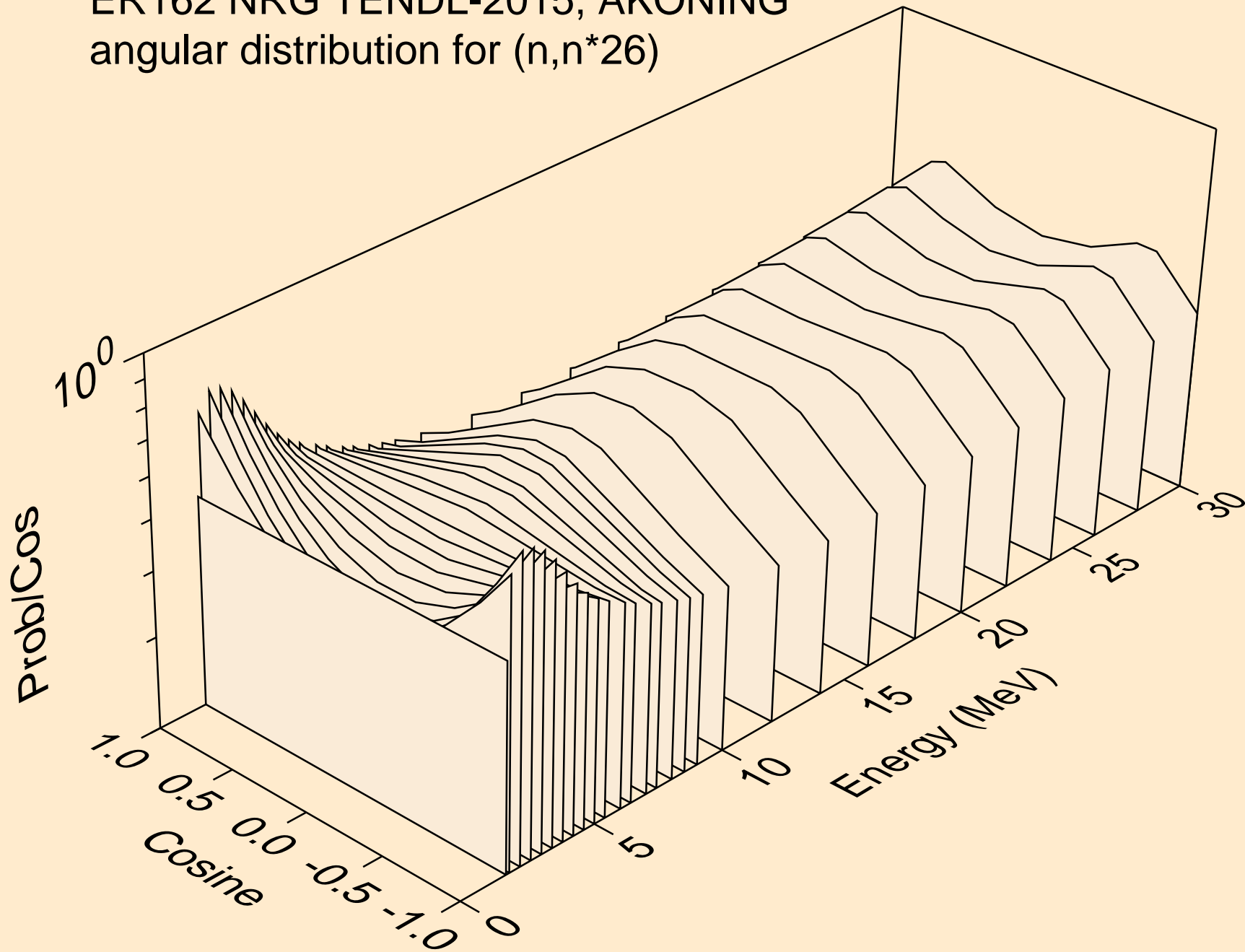
ER162 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



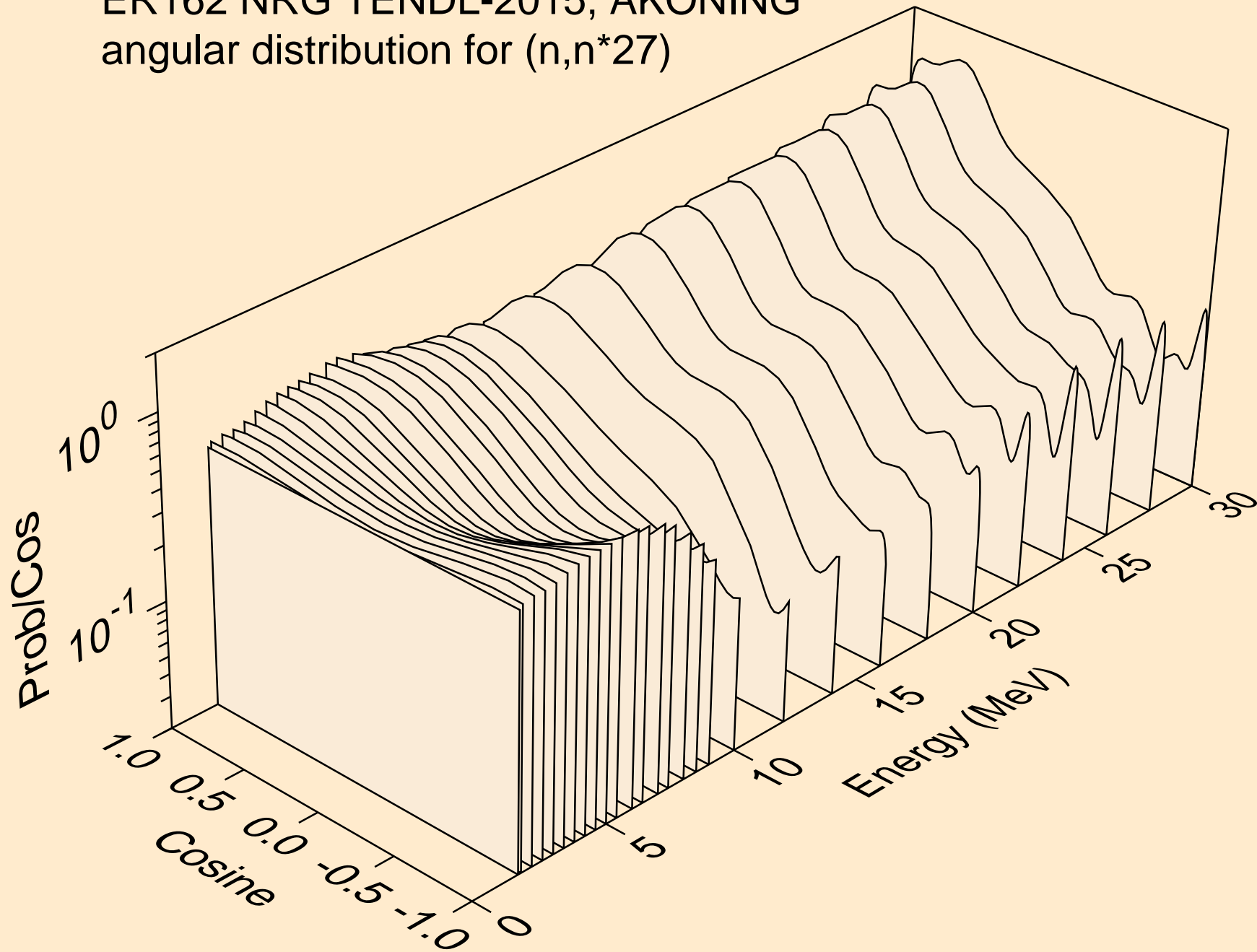
ER162 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



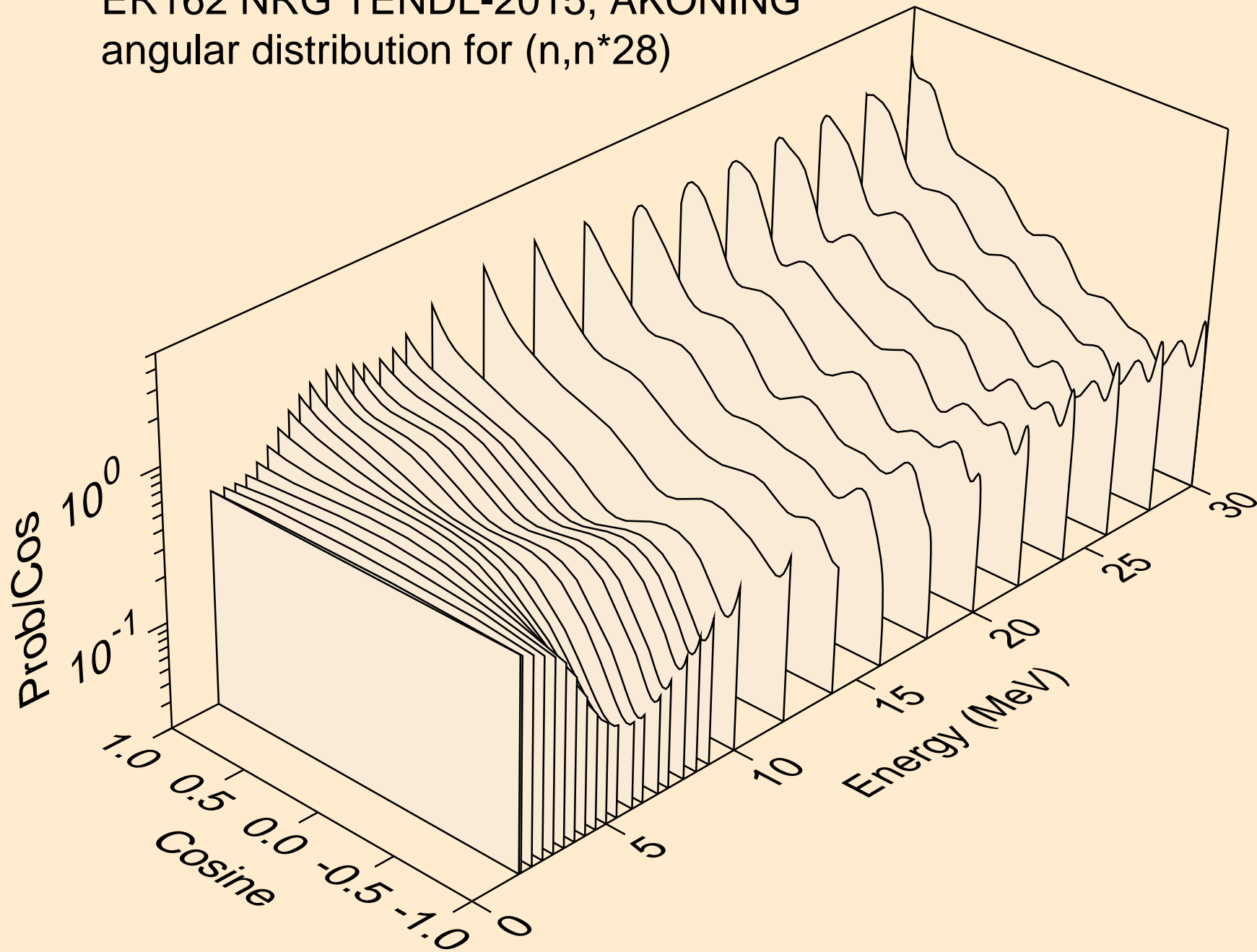
ER162 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



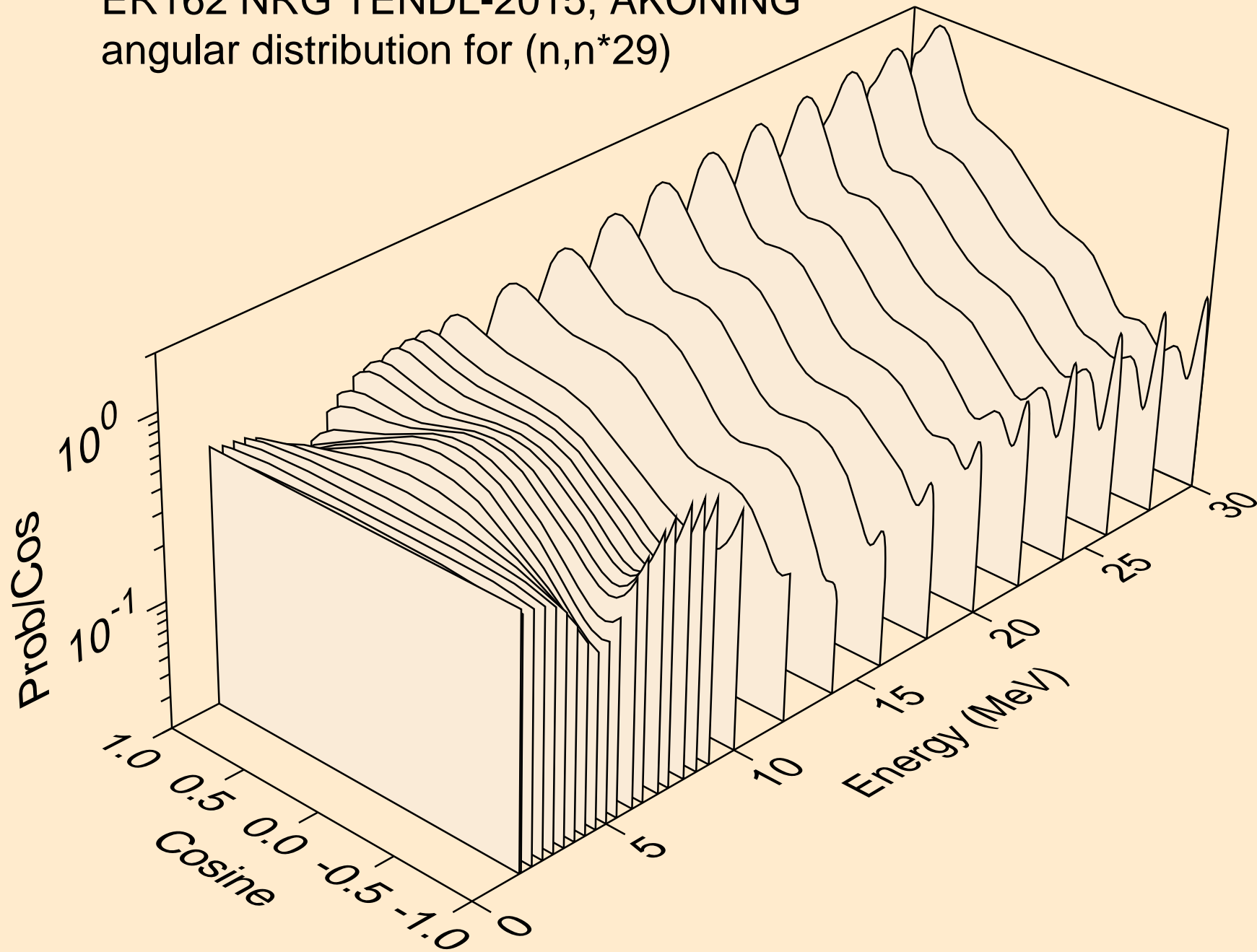
ER162 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



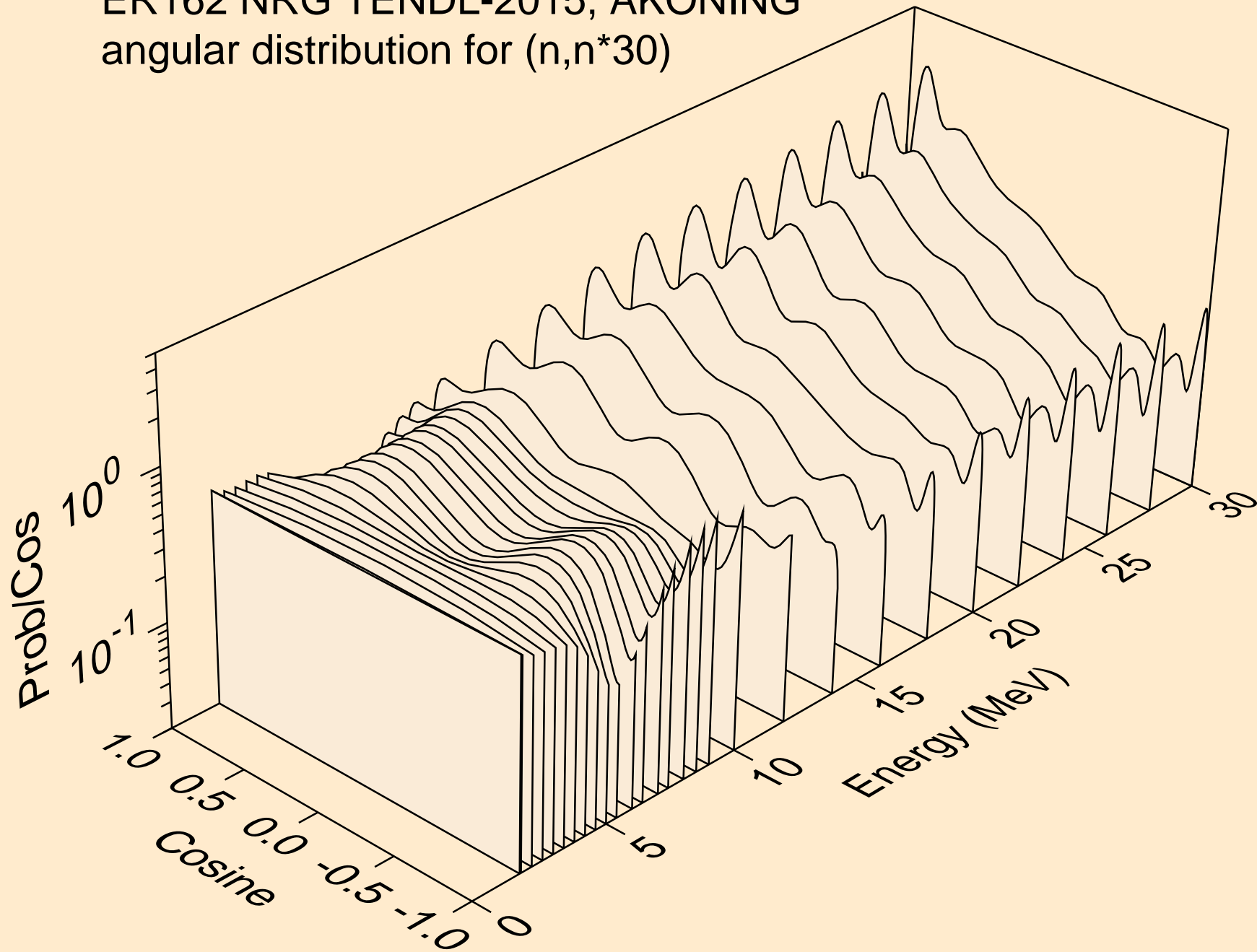
ER162 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



ER162 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

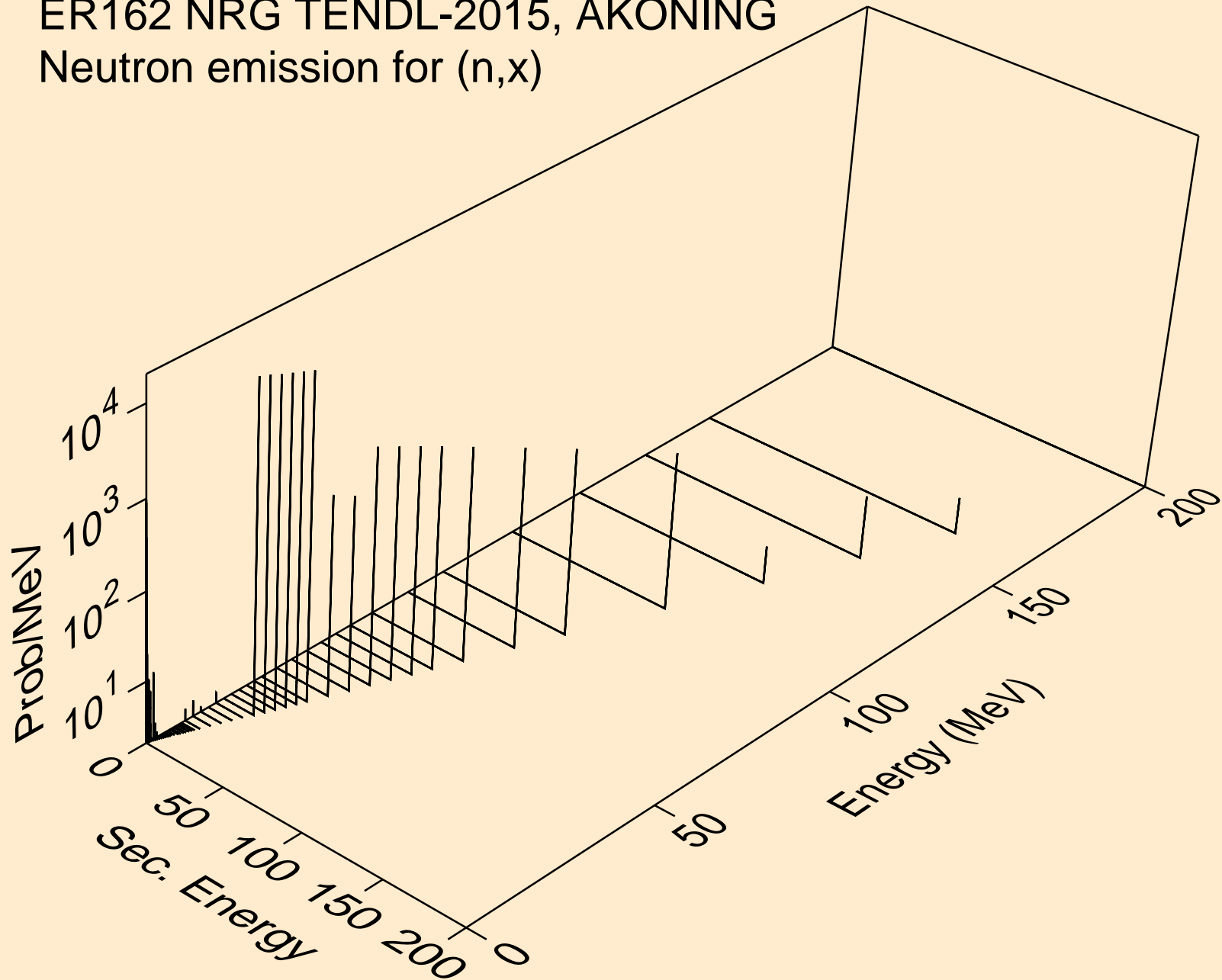


ER162 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

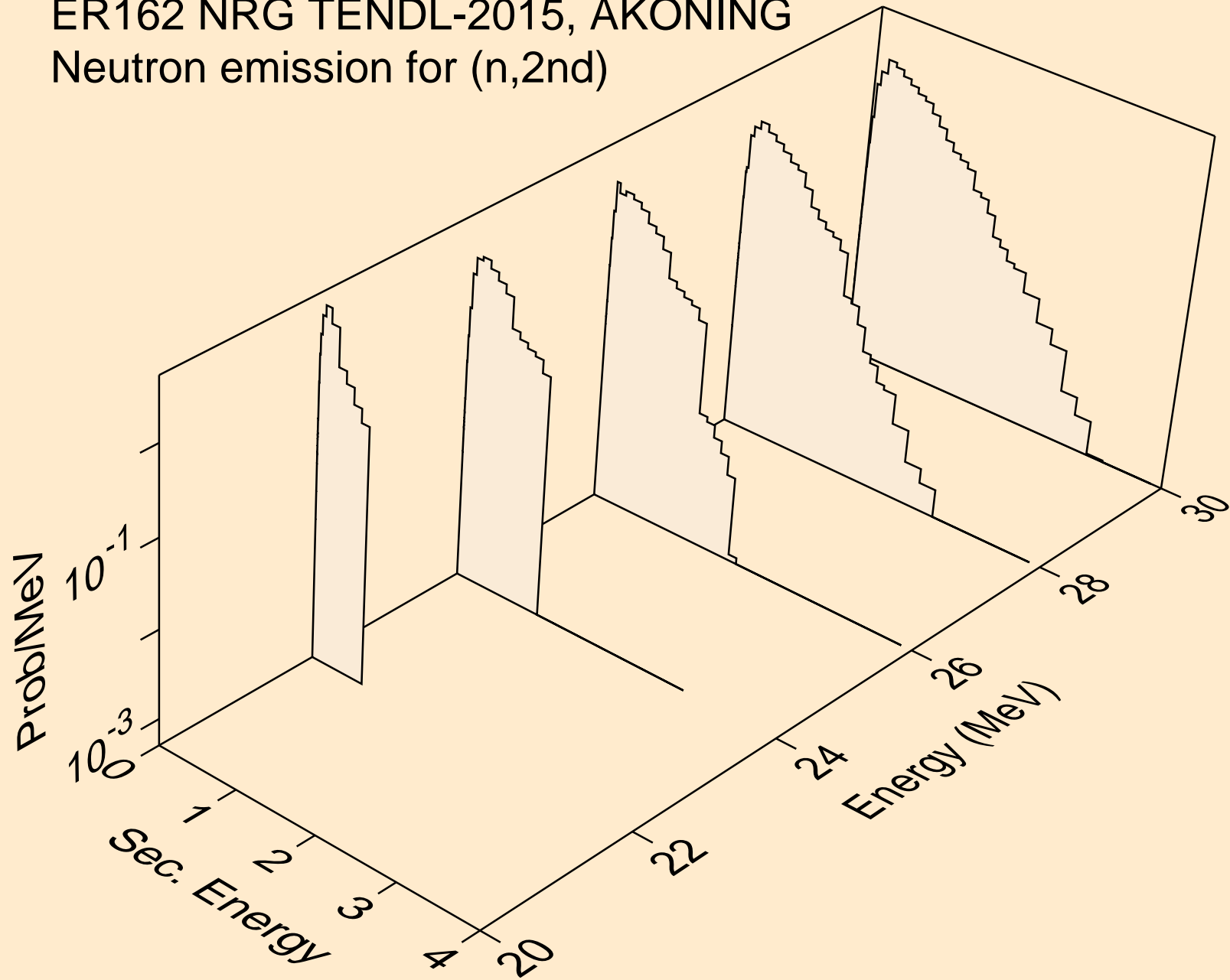




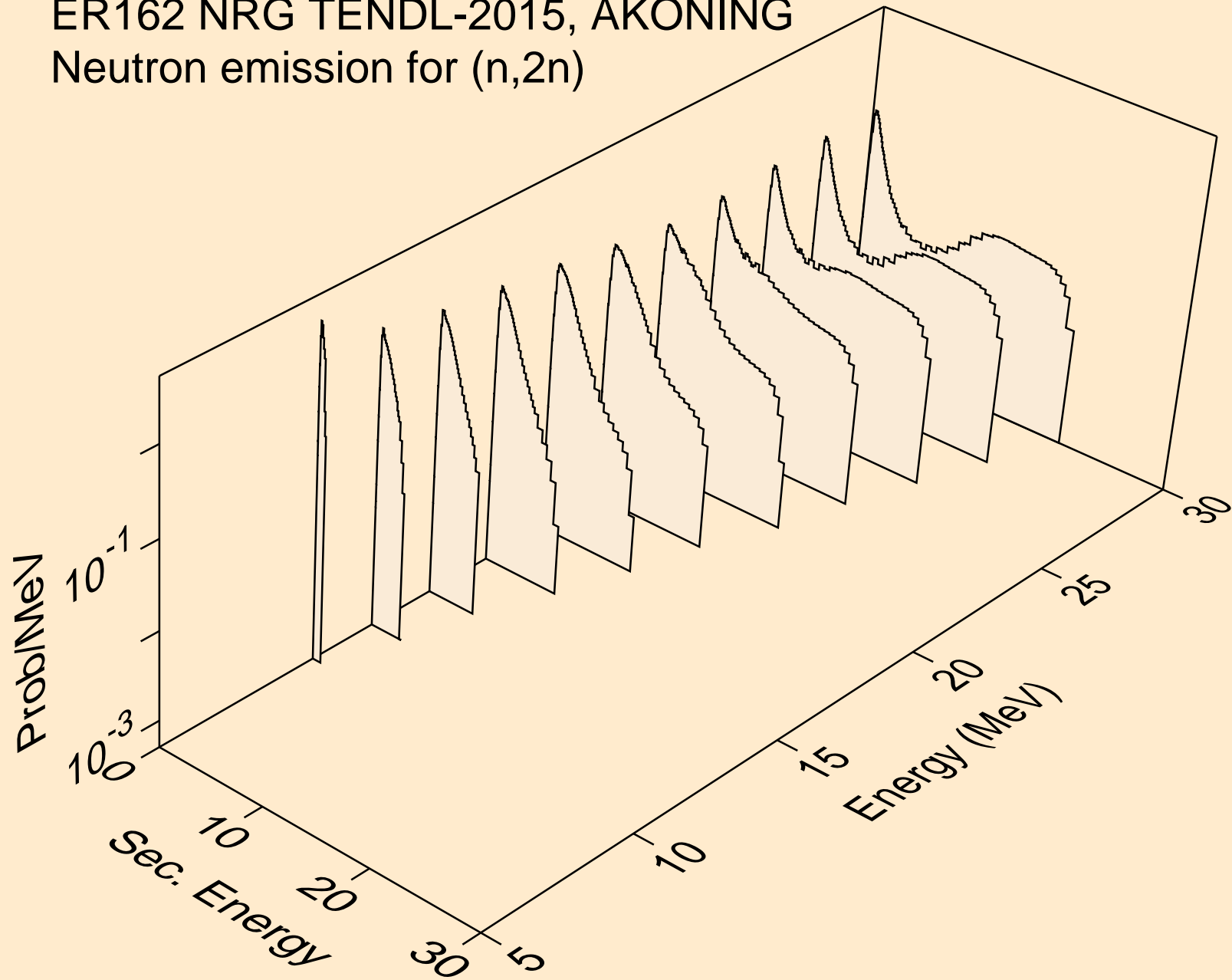
ER162 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



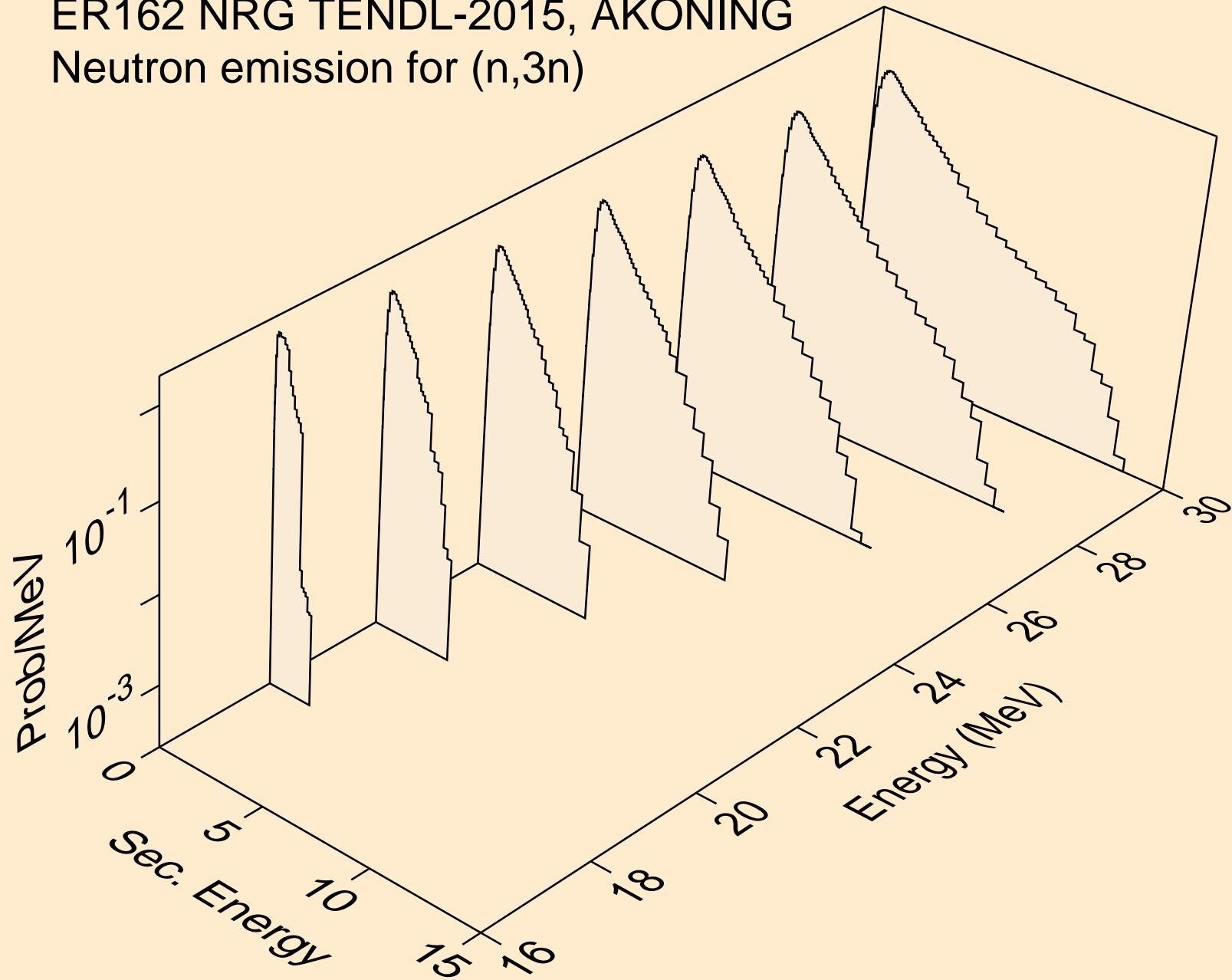
ER162 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



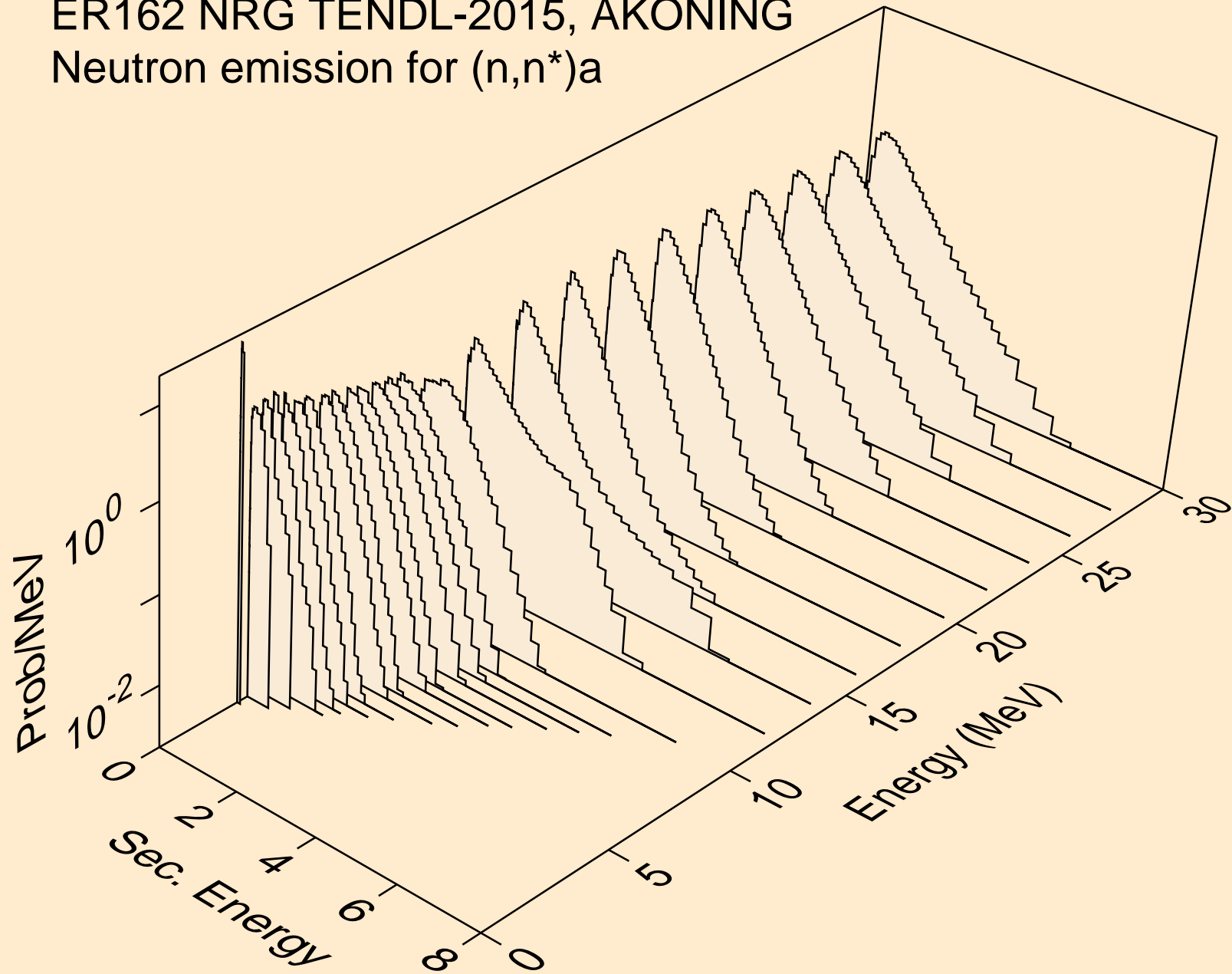
ER162 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



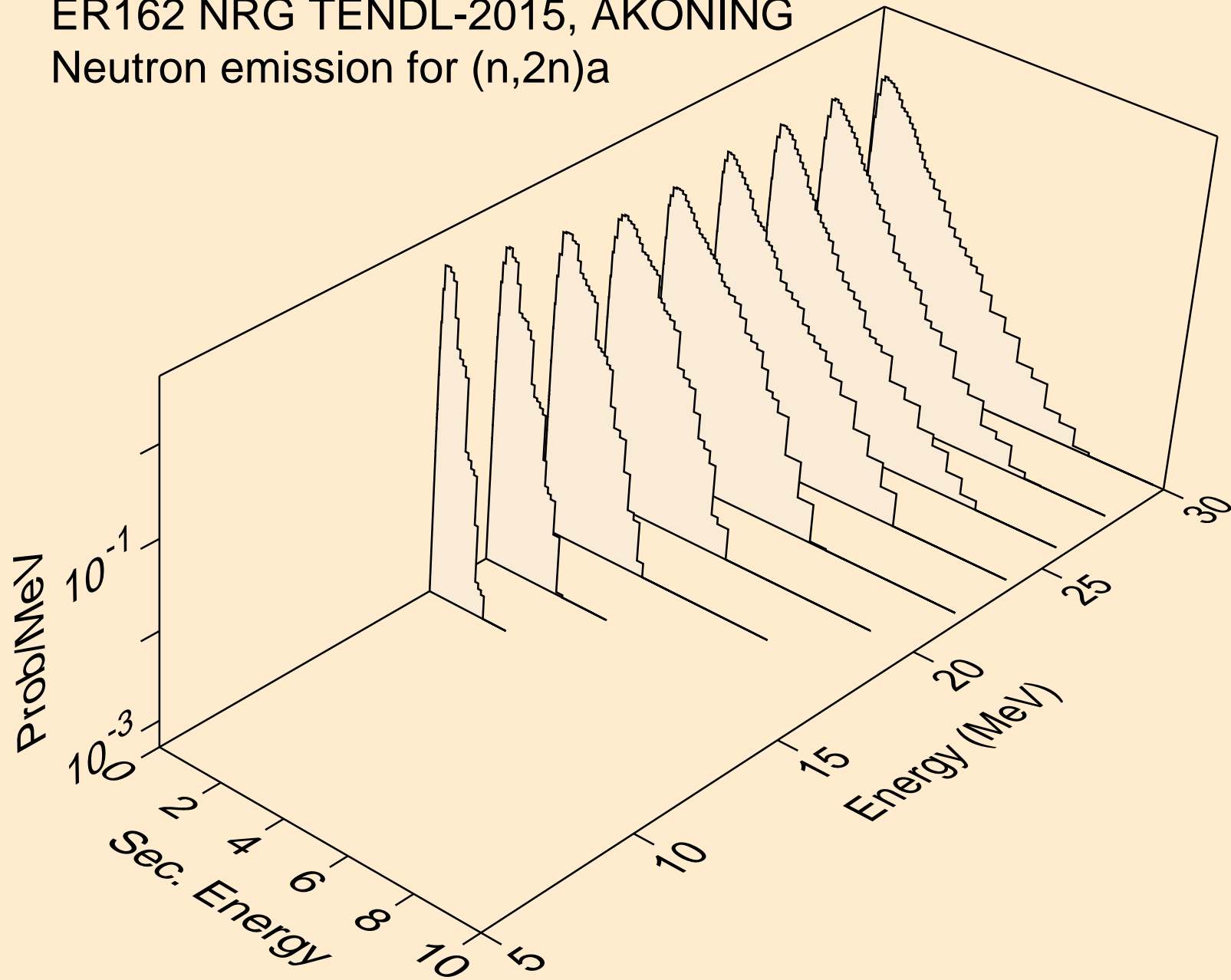
ER162 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



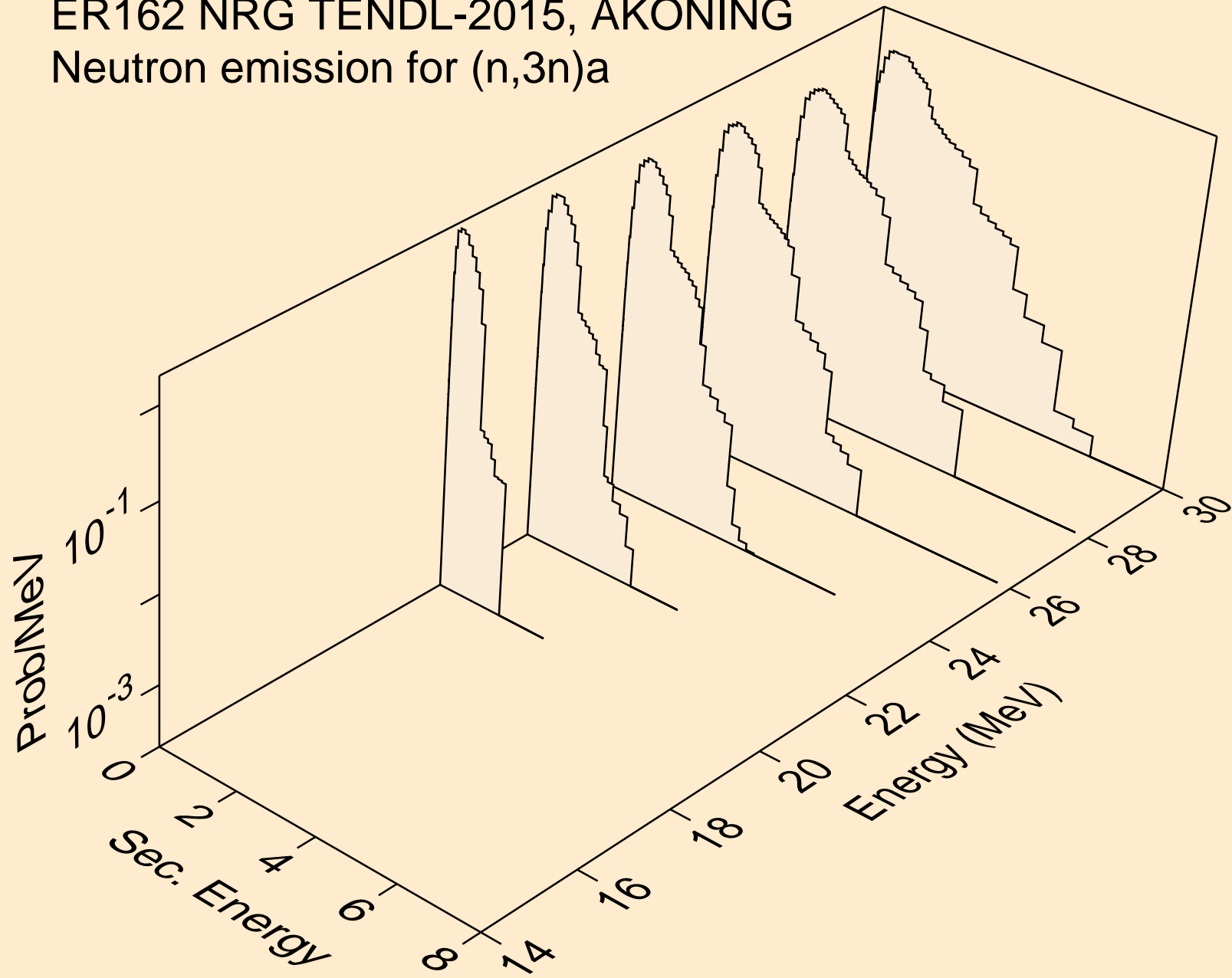
ER162 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



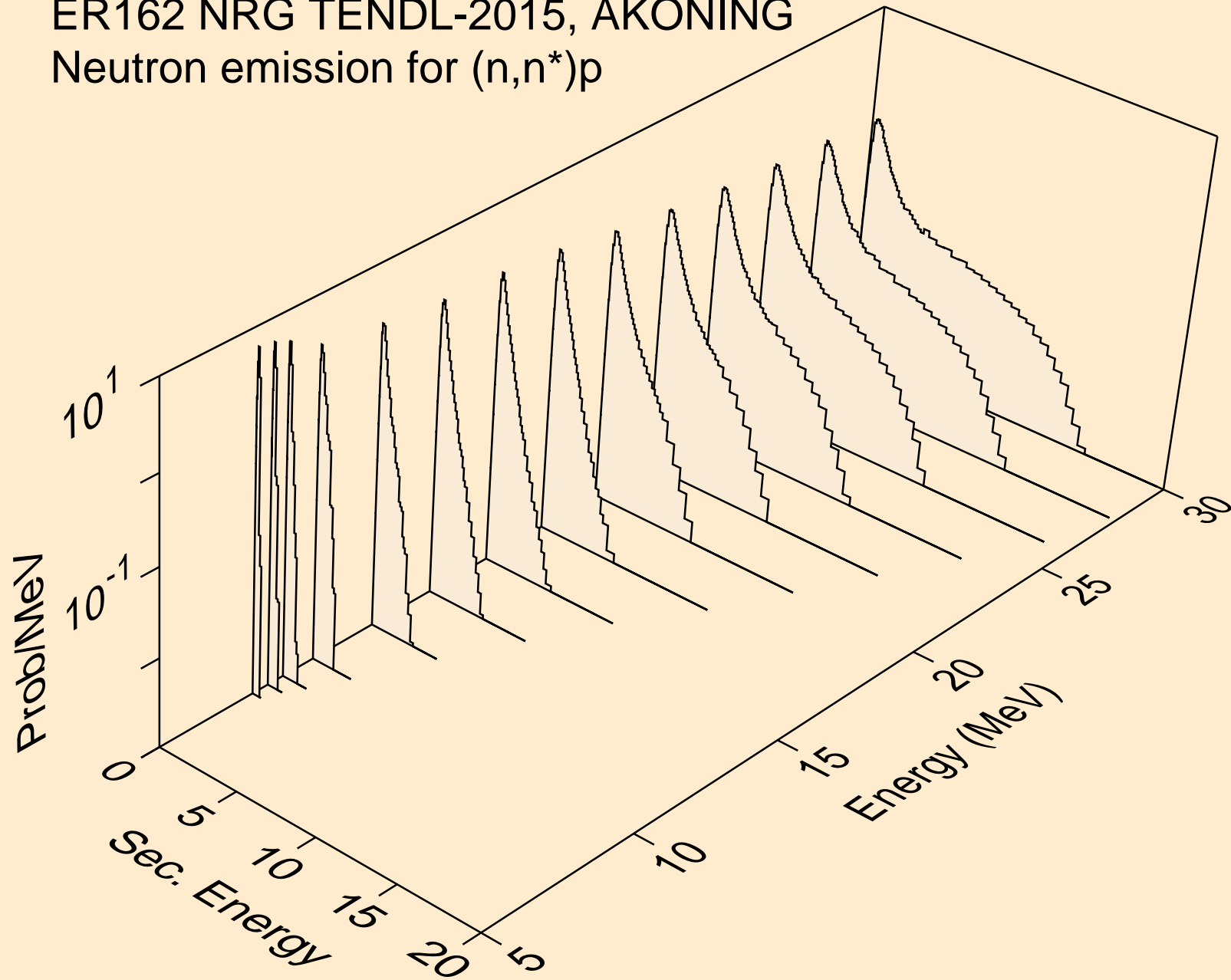
ER162 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)<sub>a</sub>



ER162 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

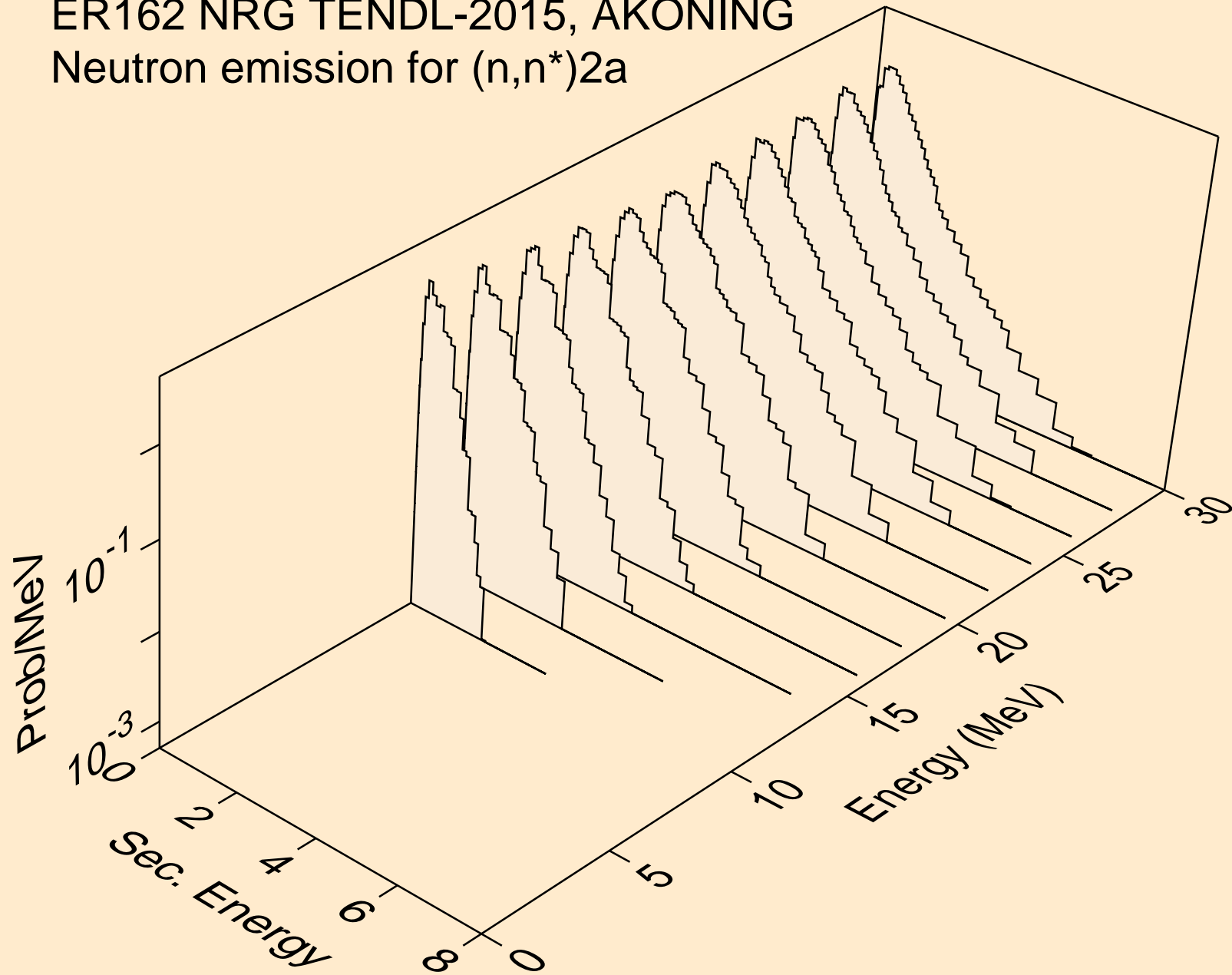


ER162 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

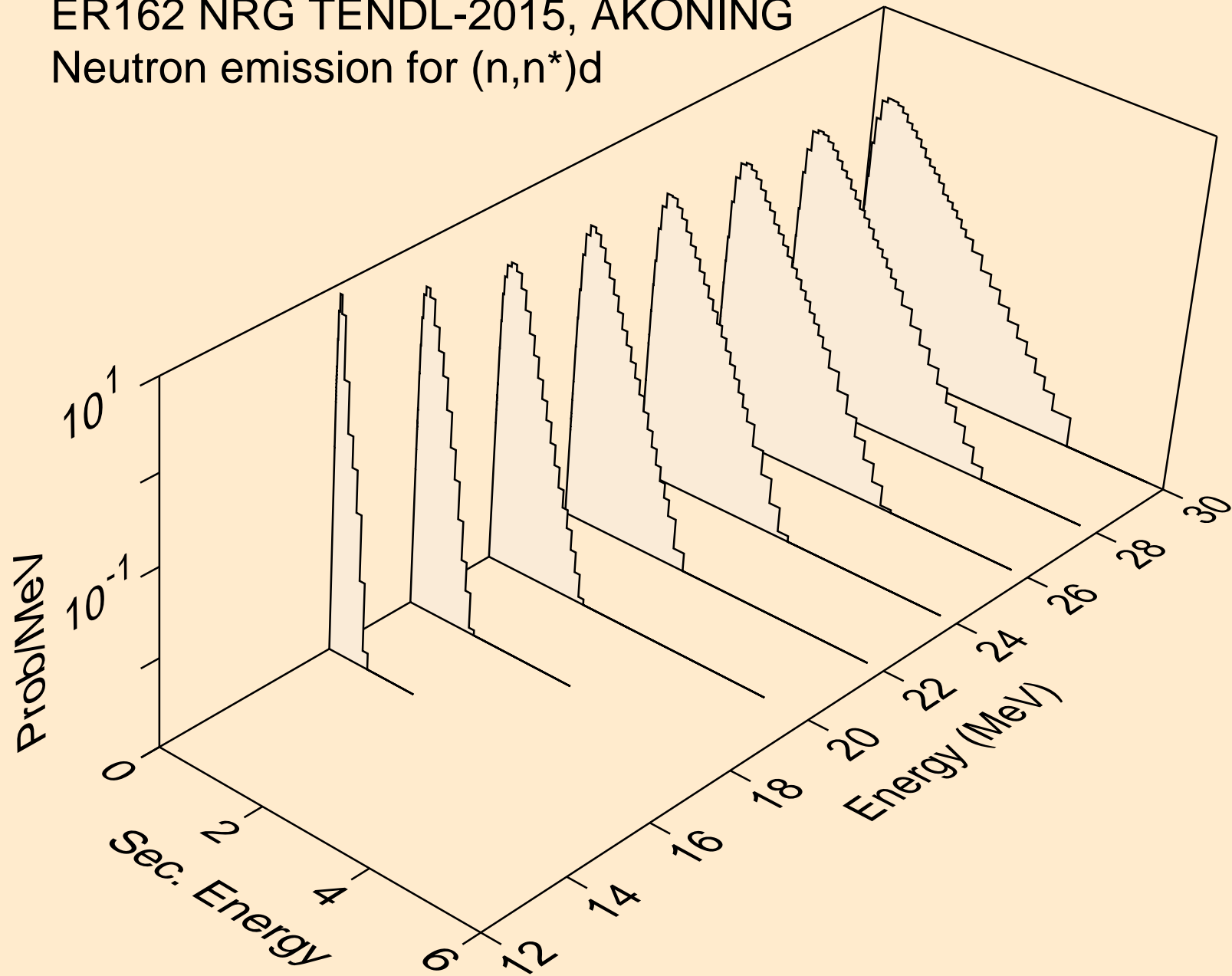




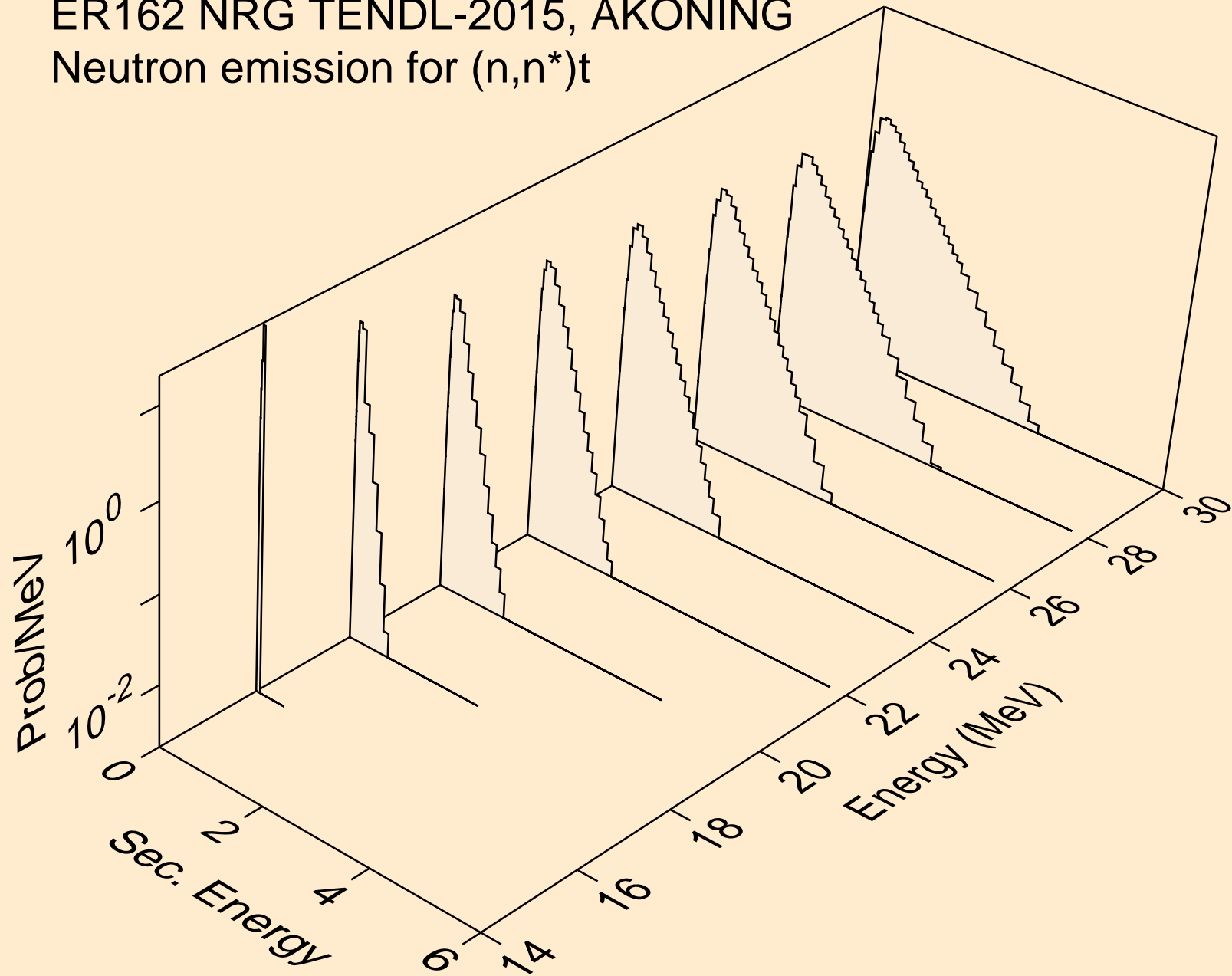
ER162 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



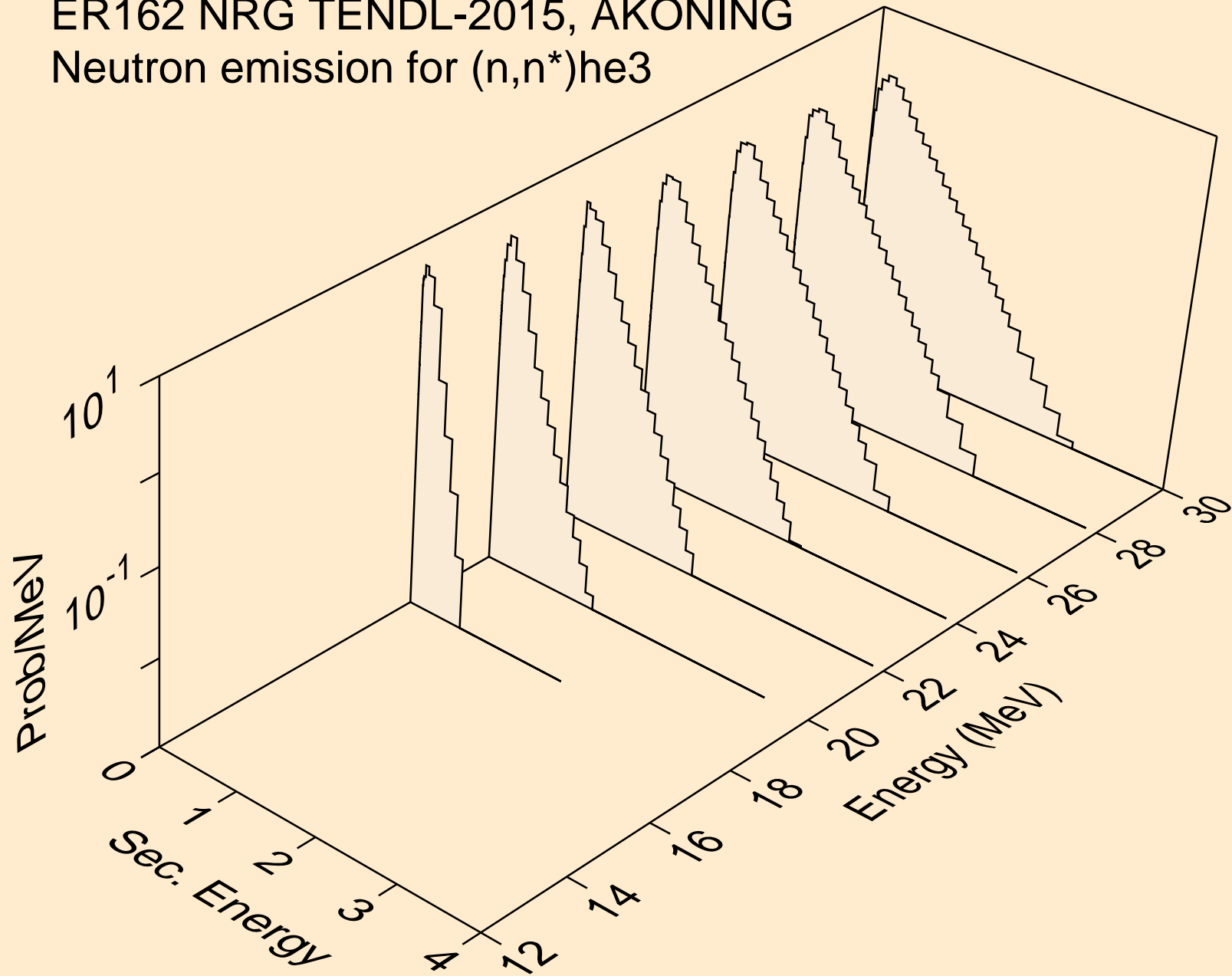
ER162 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



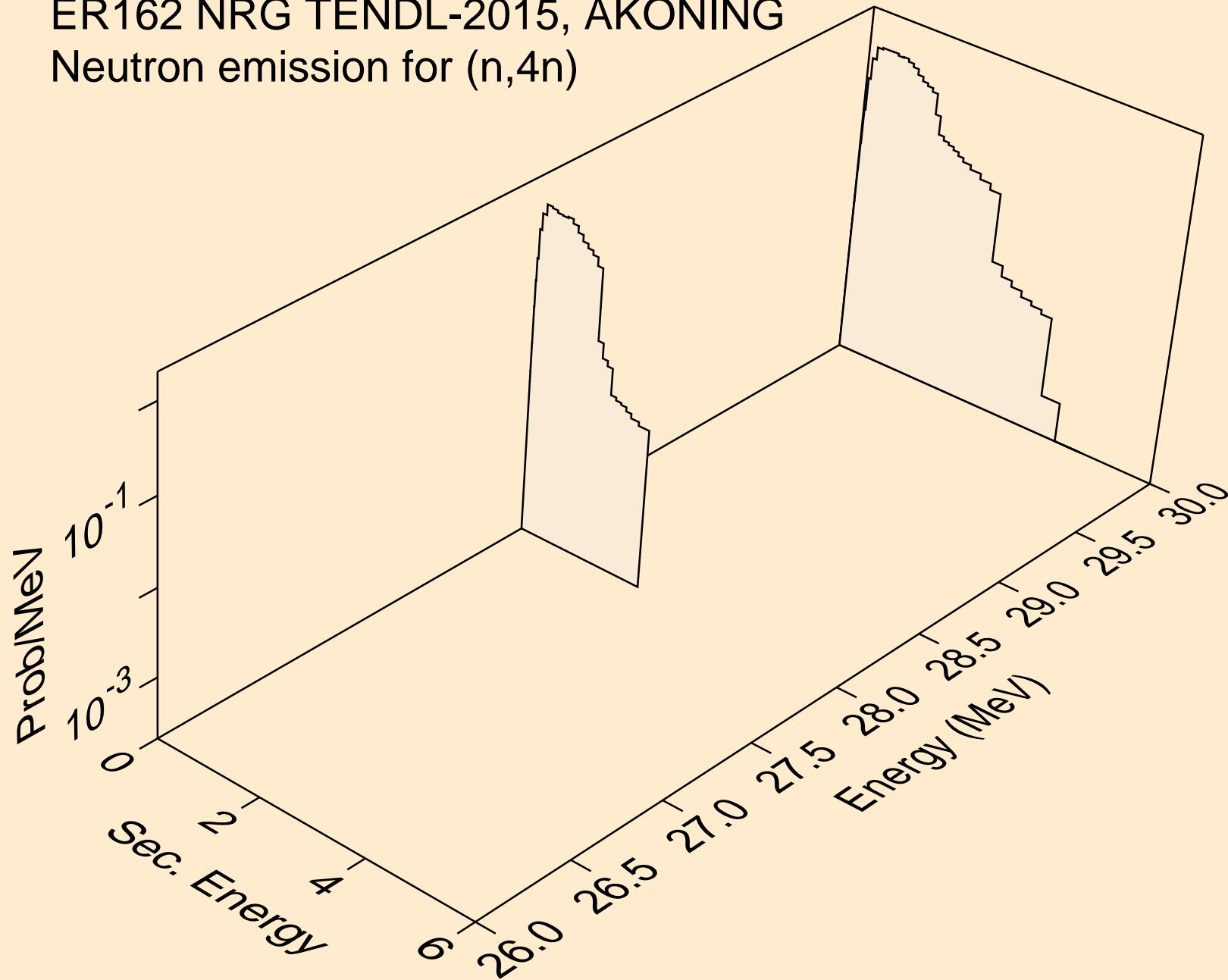
ER162 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



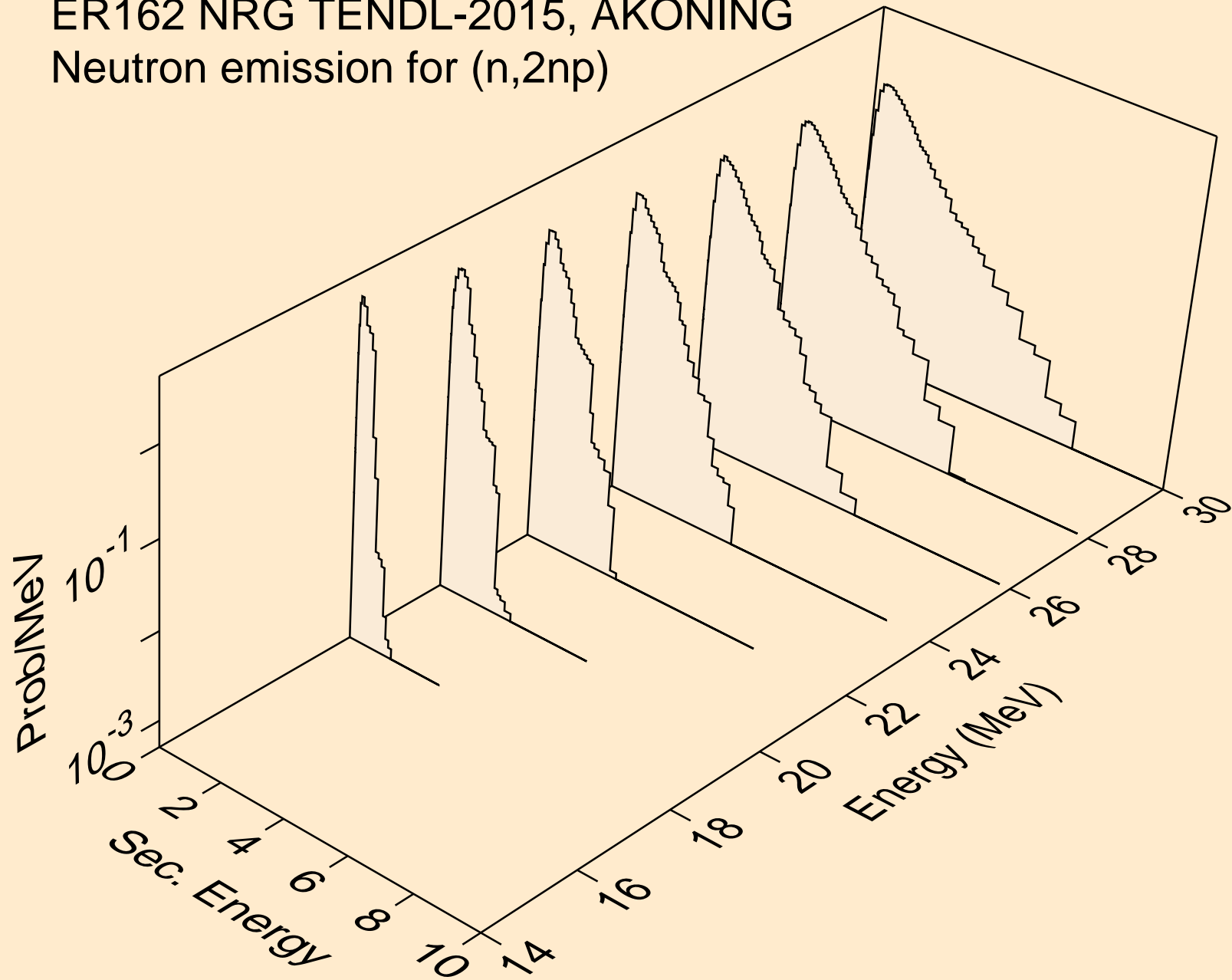
ER162 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



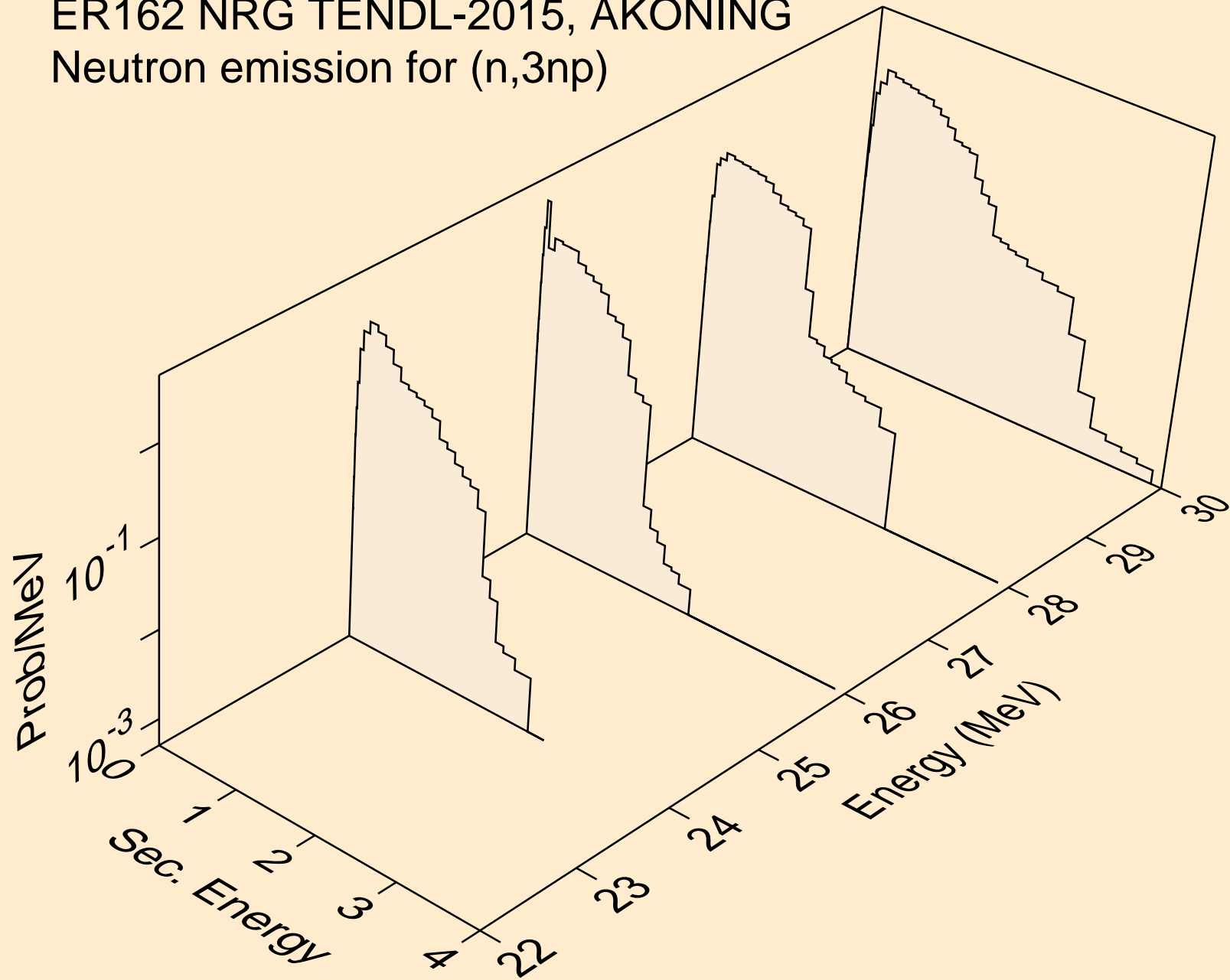
ER162 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



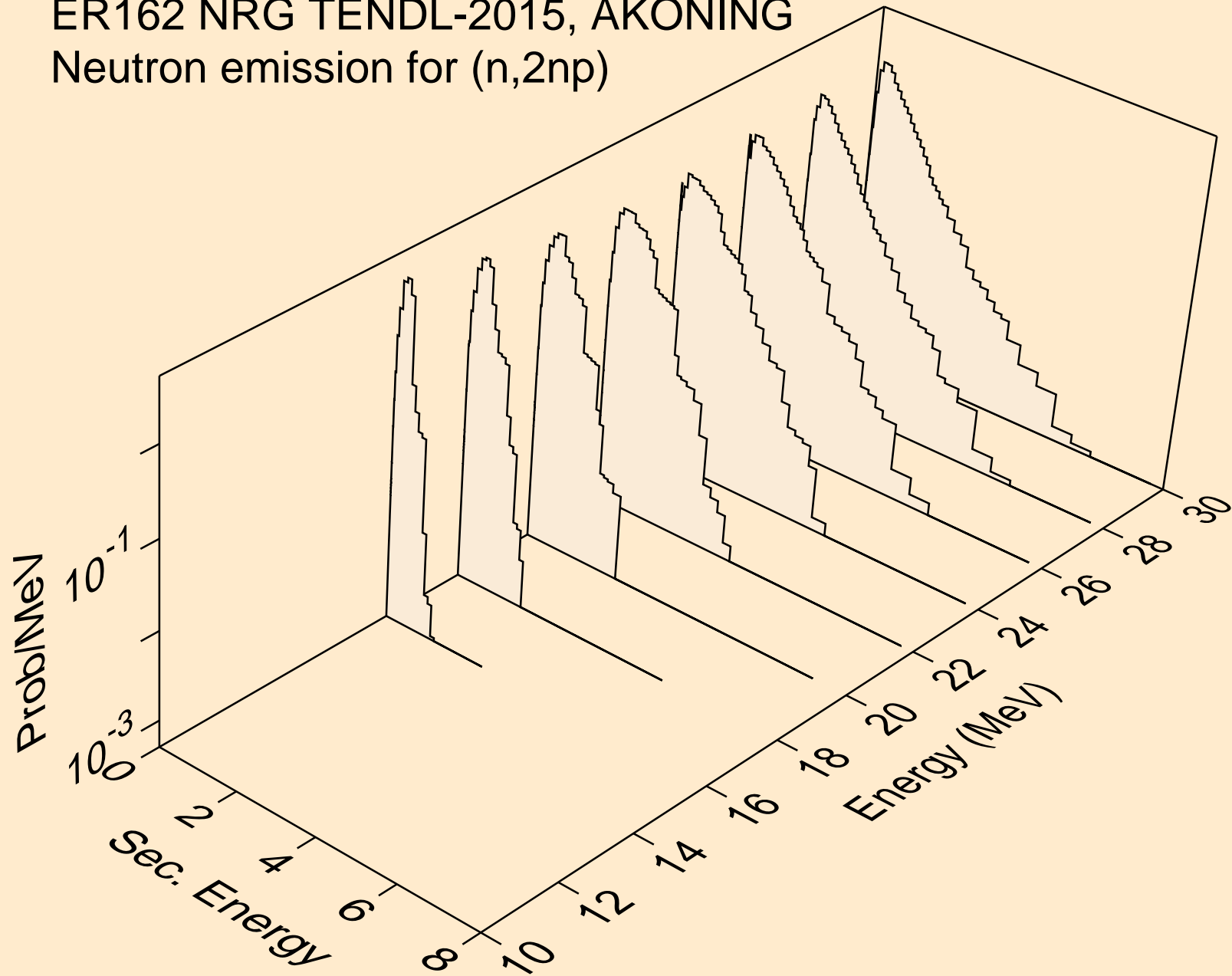
ER162 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



ER162 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

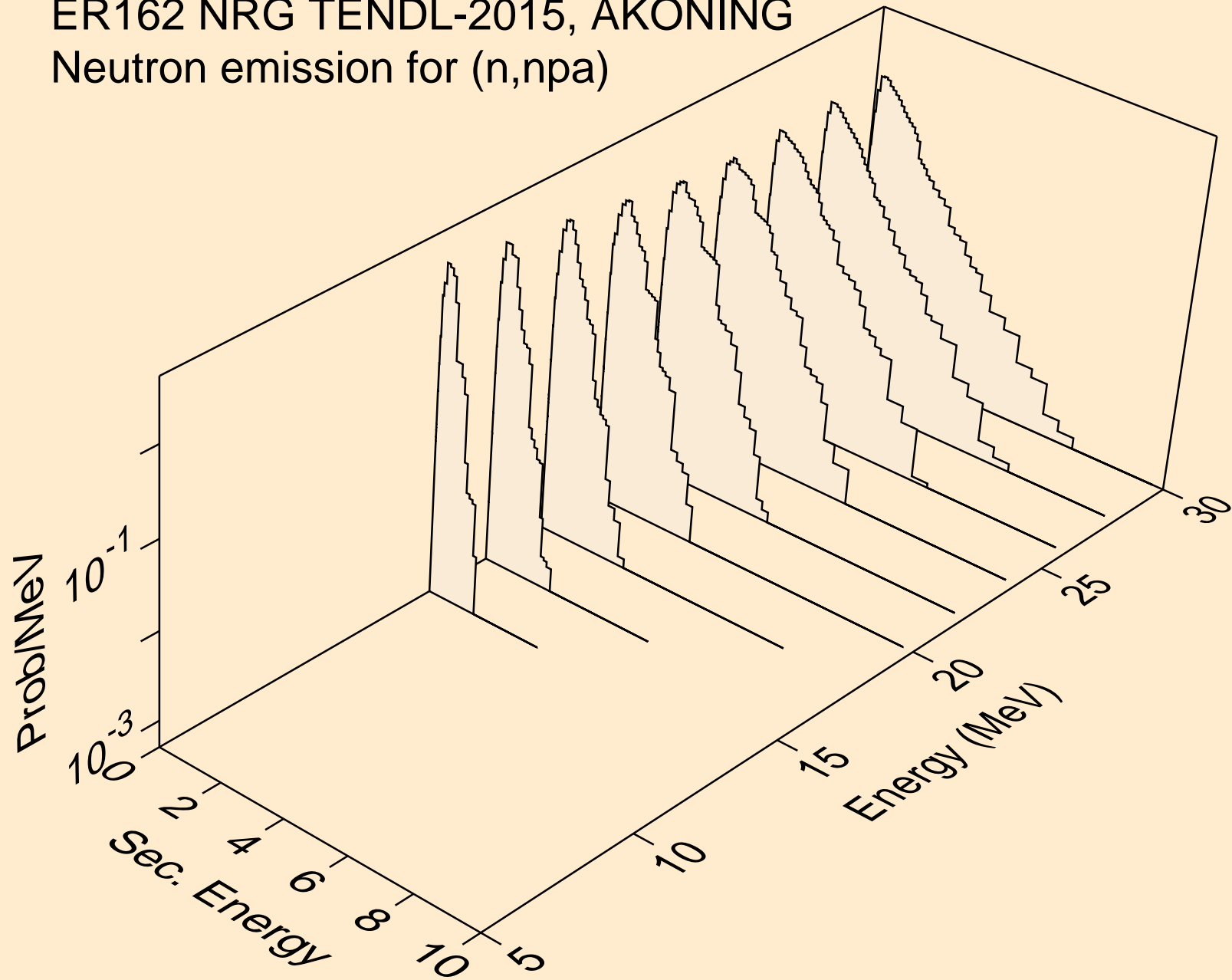


ER162 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

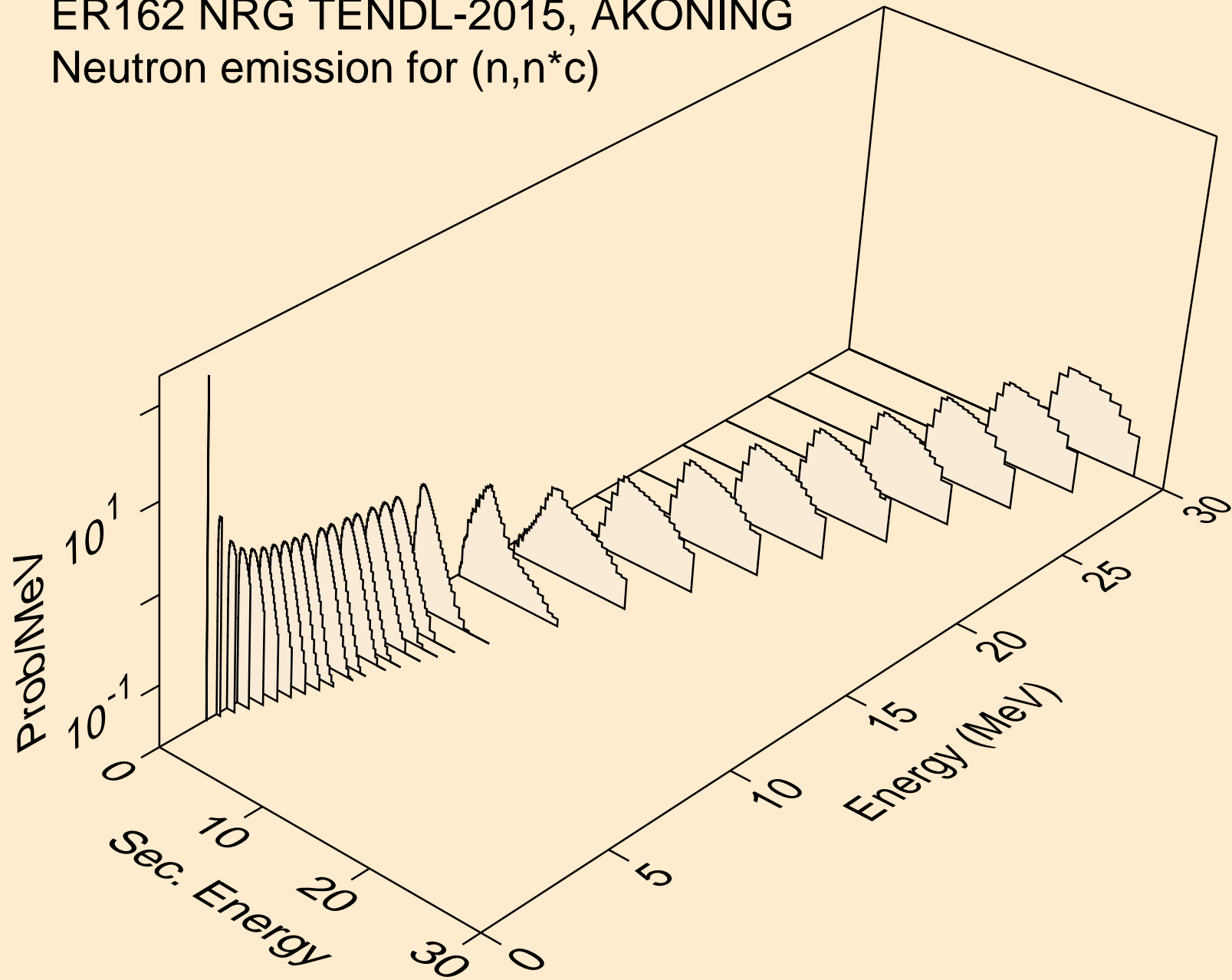




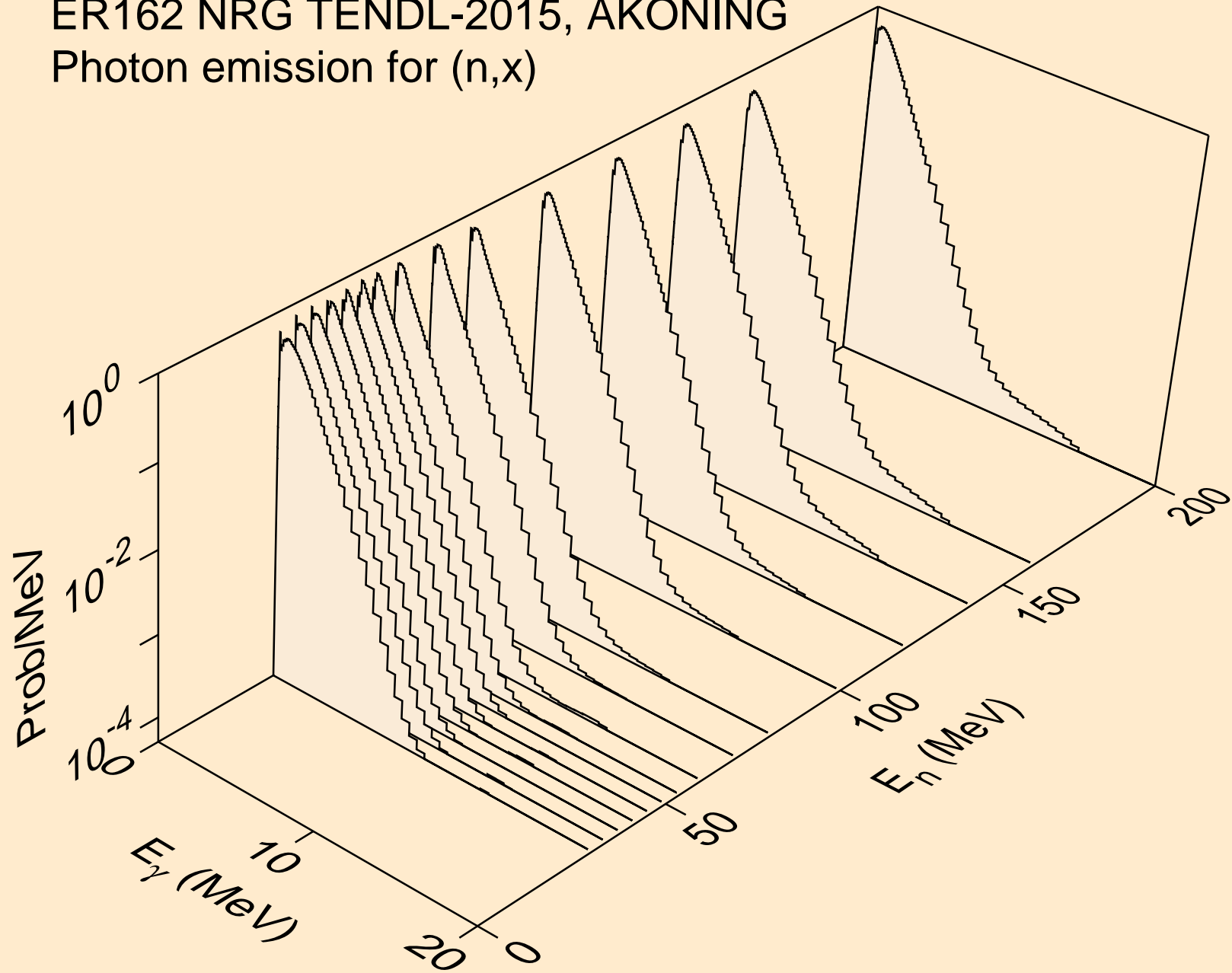
ER162 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



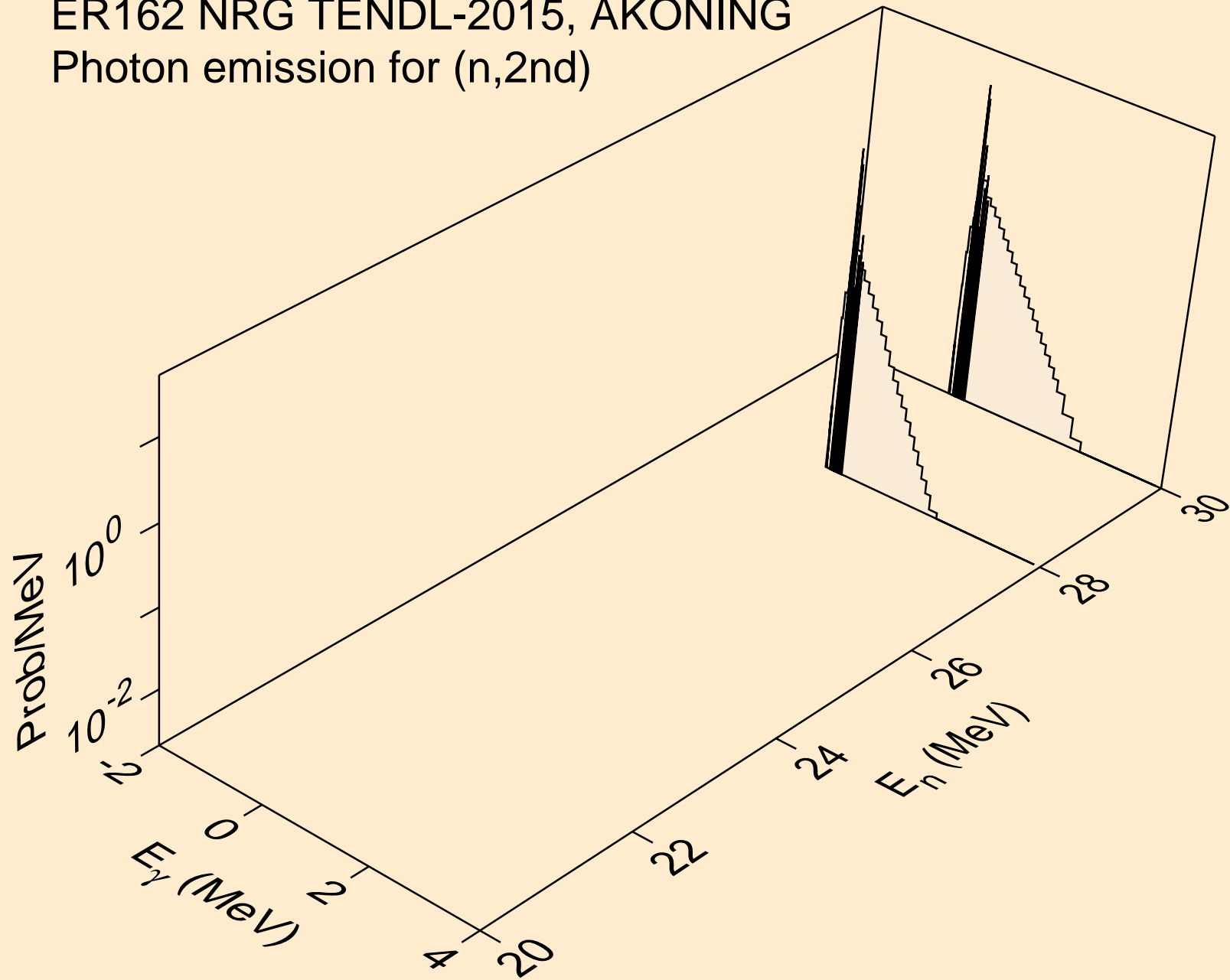
ER162 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



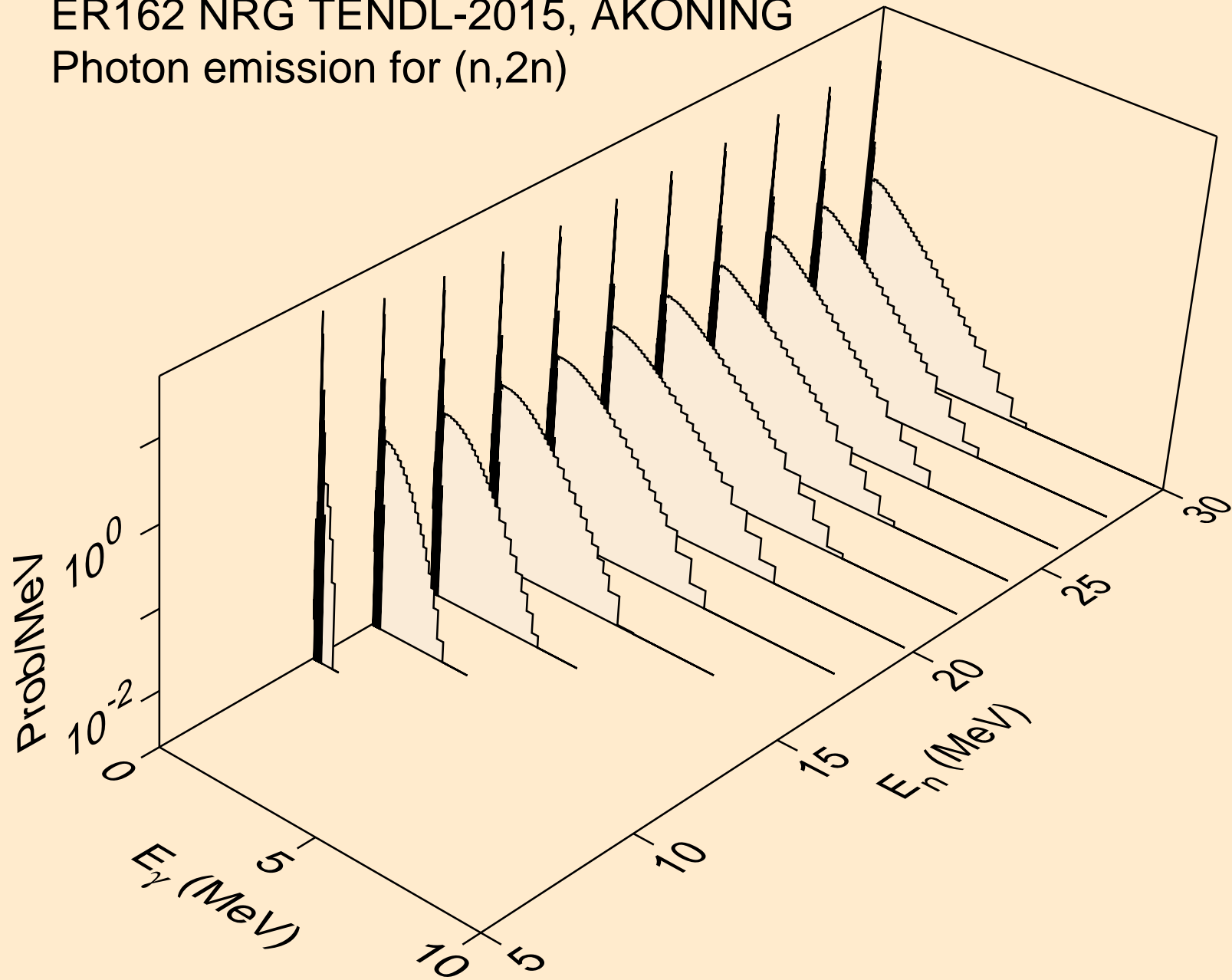
ER162 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



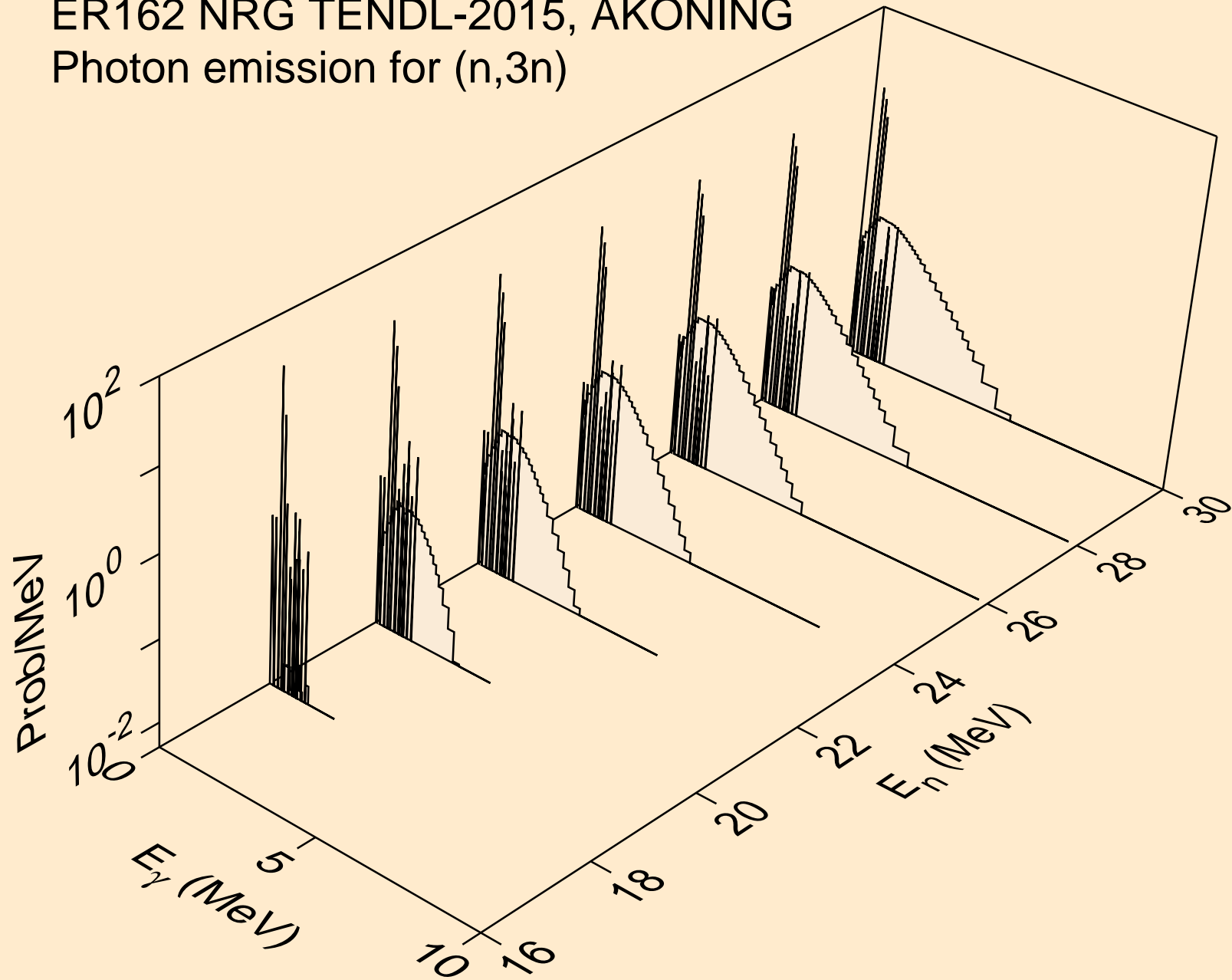
ER162 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



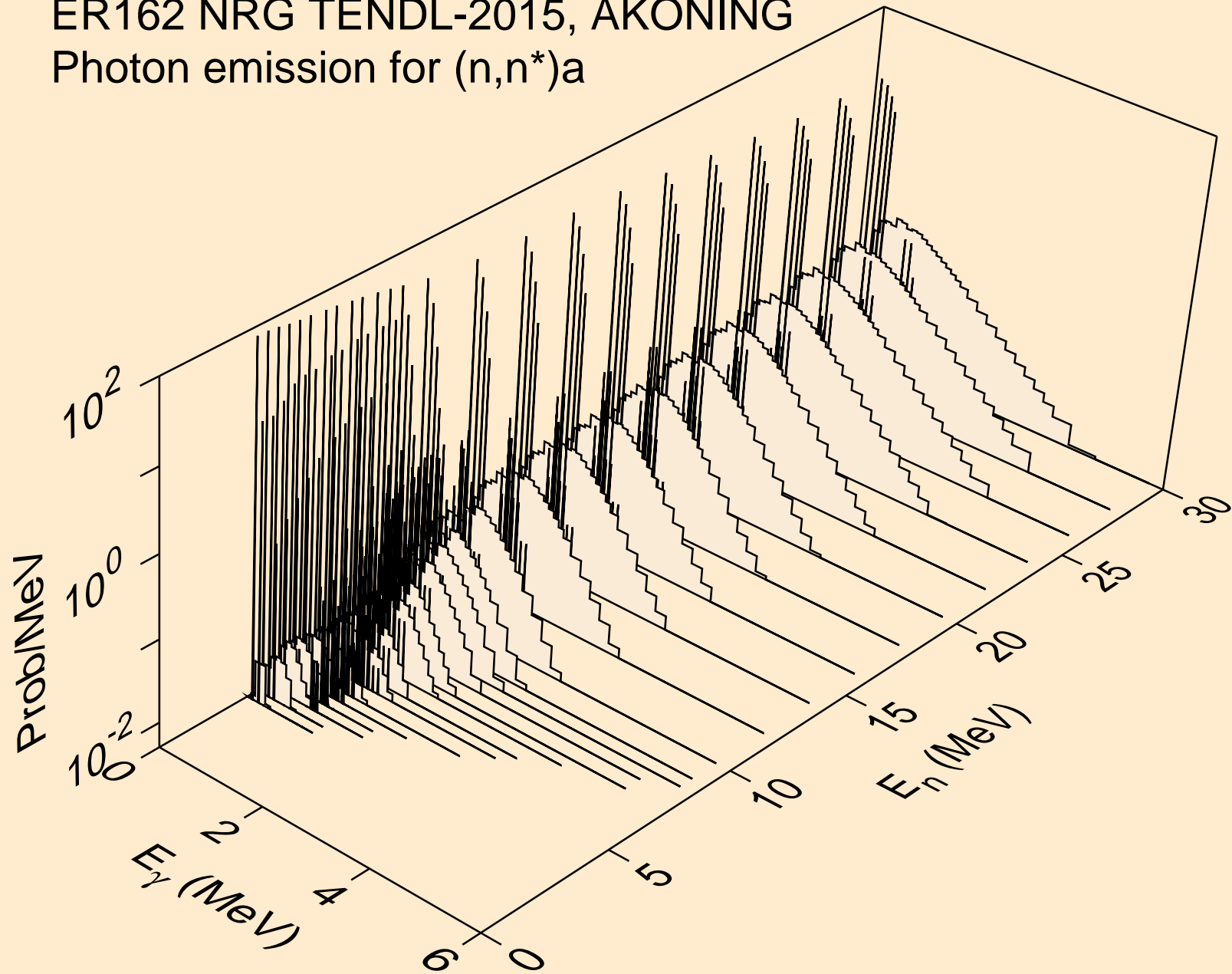
ER162 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



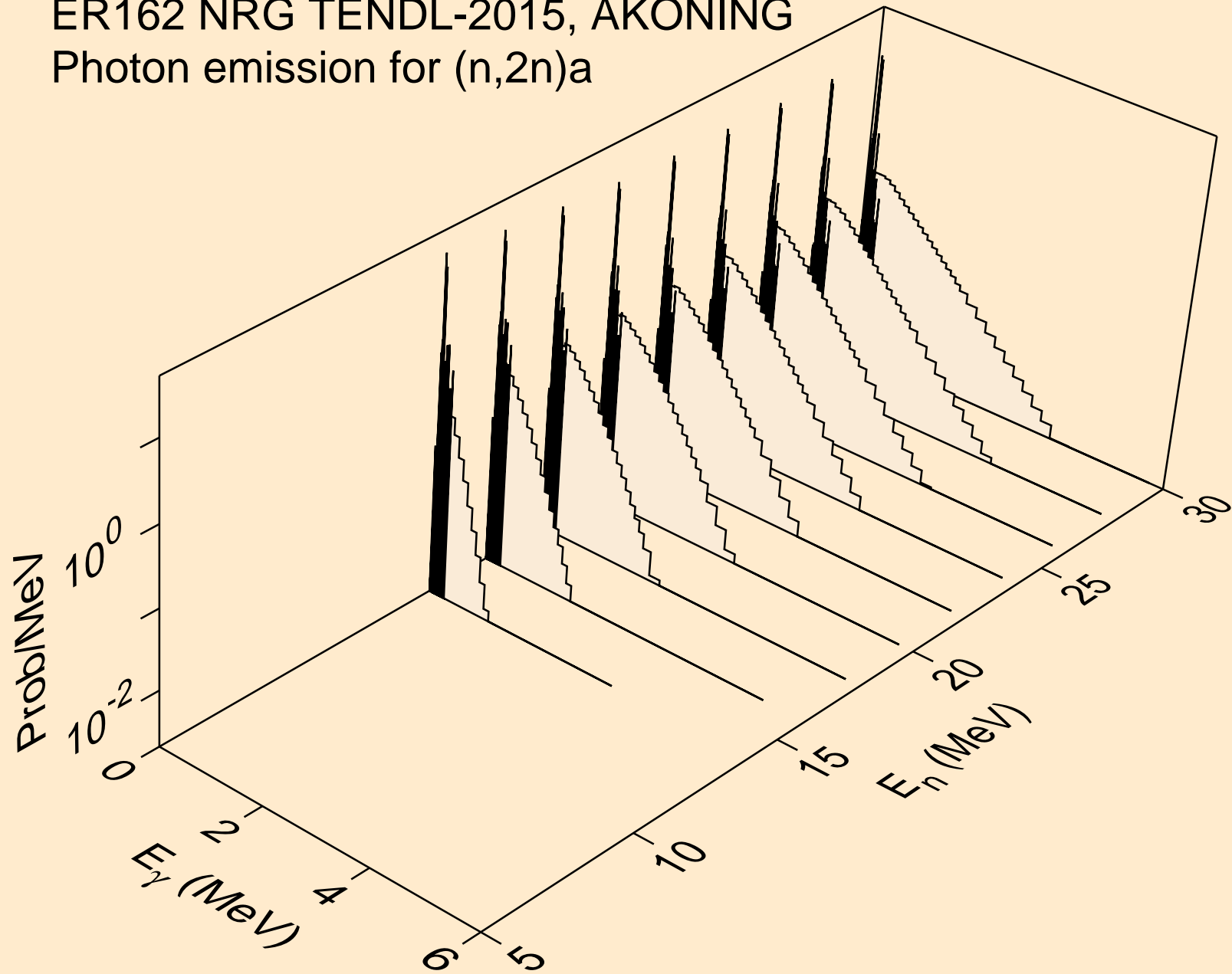
ER162 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



ER162 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



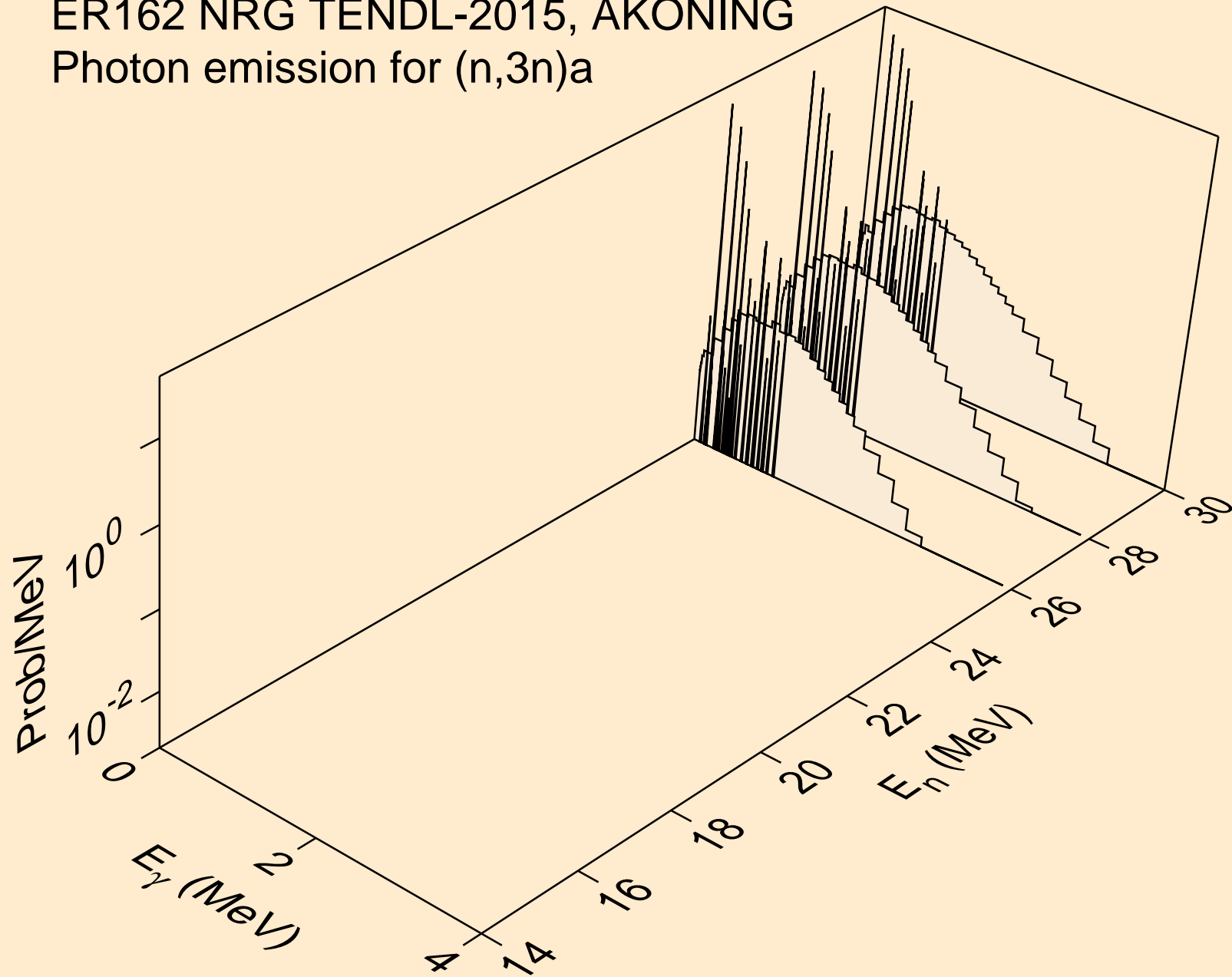
ER162 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a





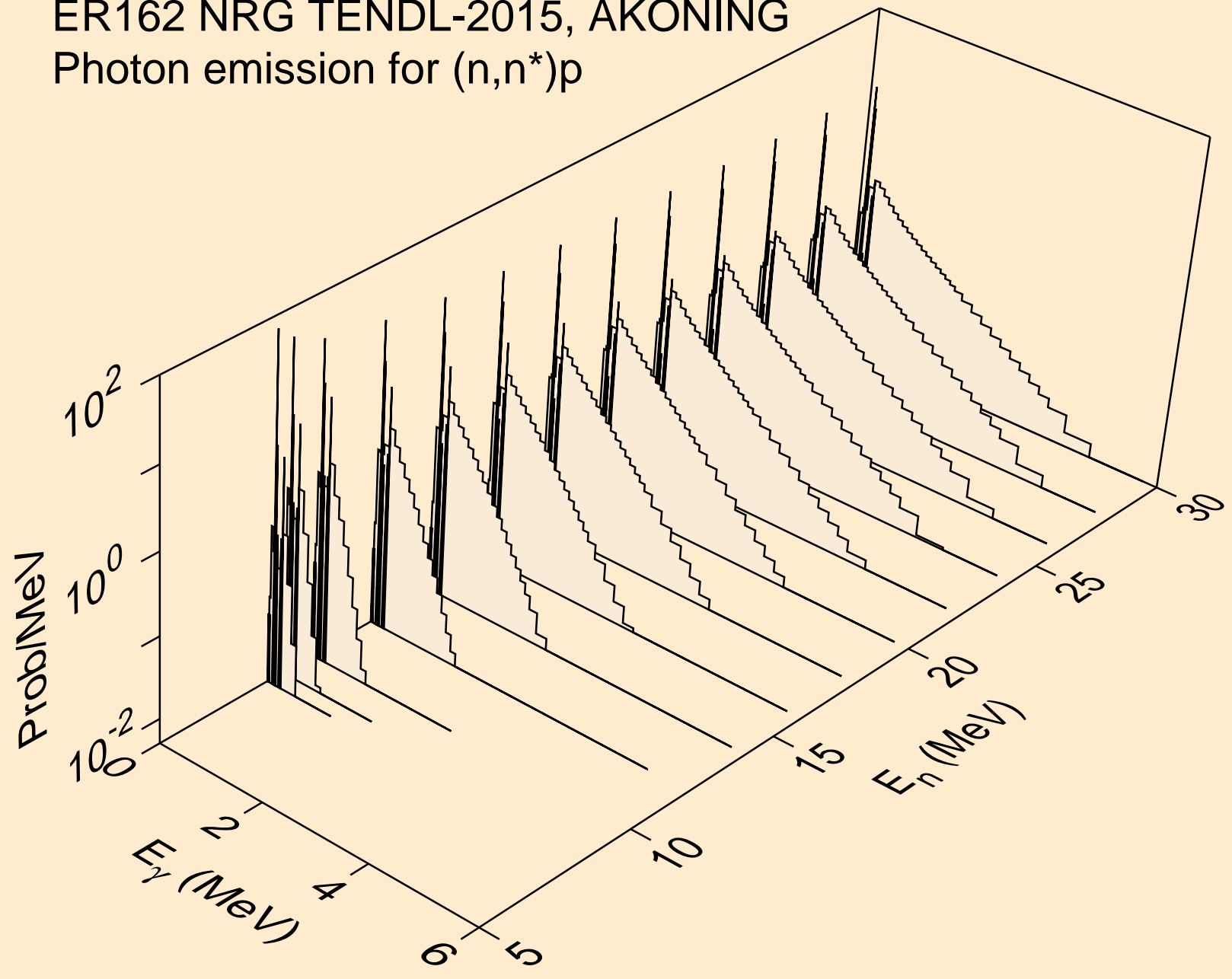
ER162 NRG TENDL-2015, AKONING

Photon emission for (n,3n)a

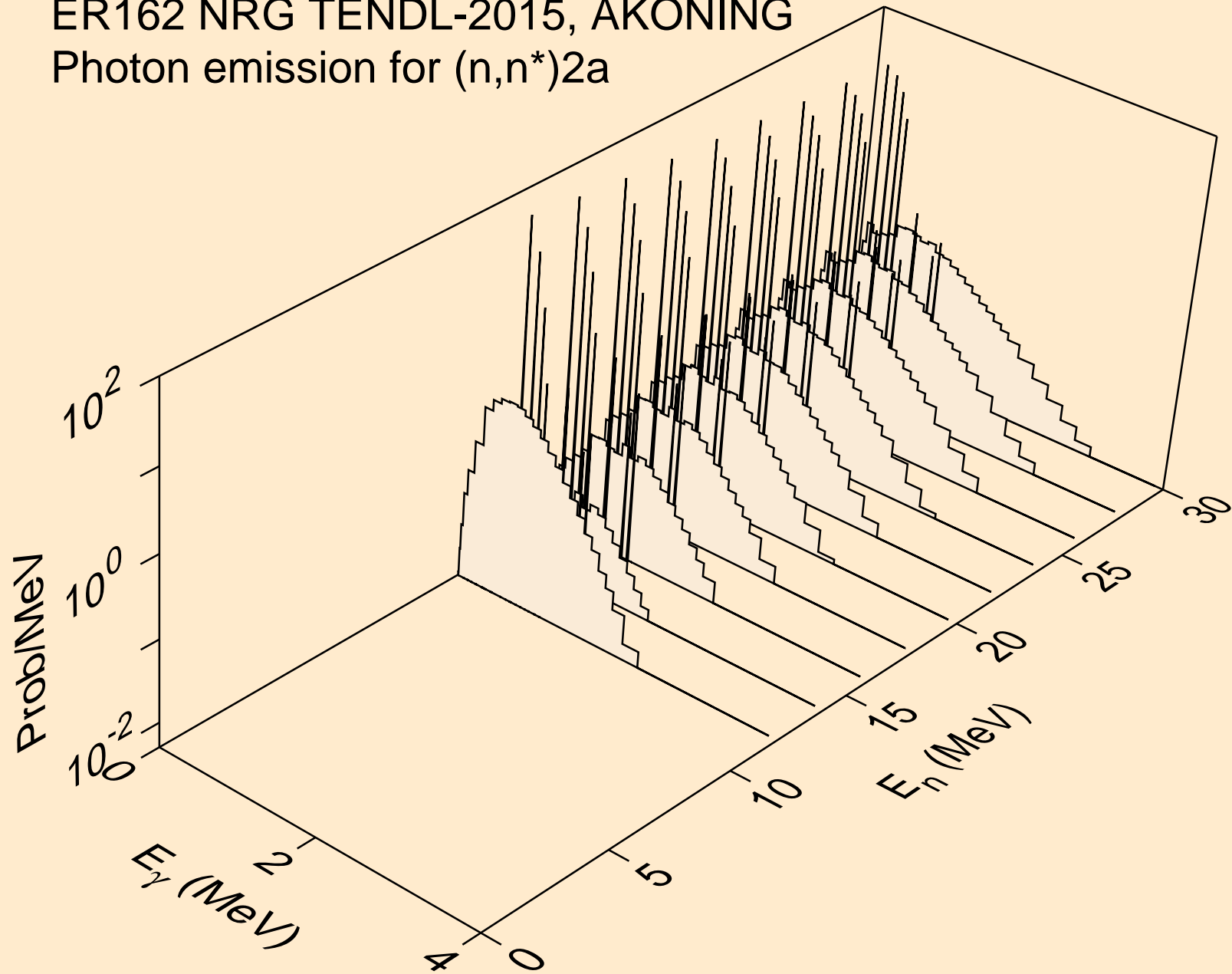


# ER162 NRG TENDL-2015, AKONING

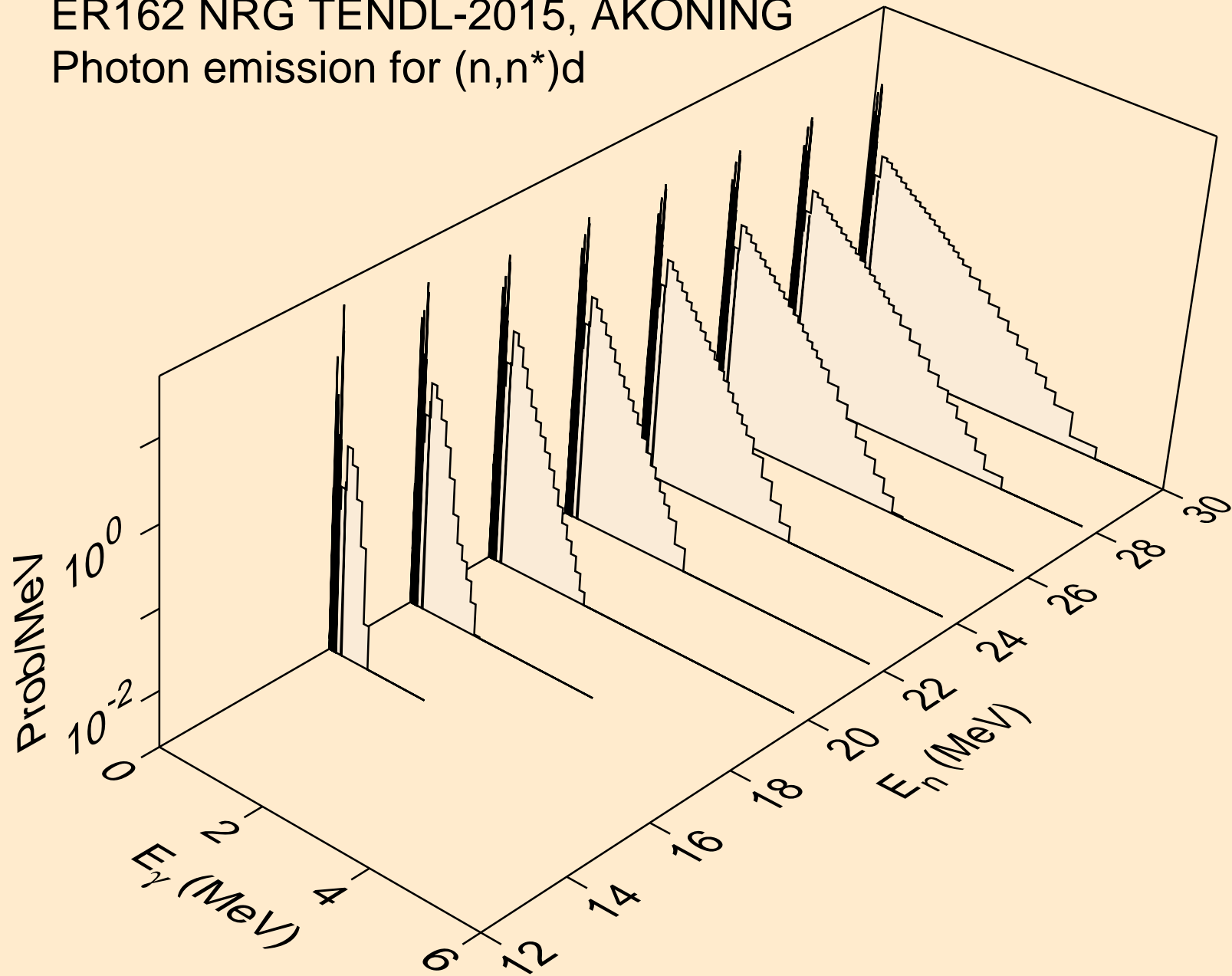
Photon emission for (n,n\*)p



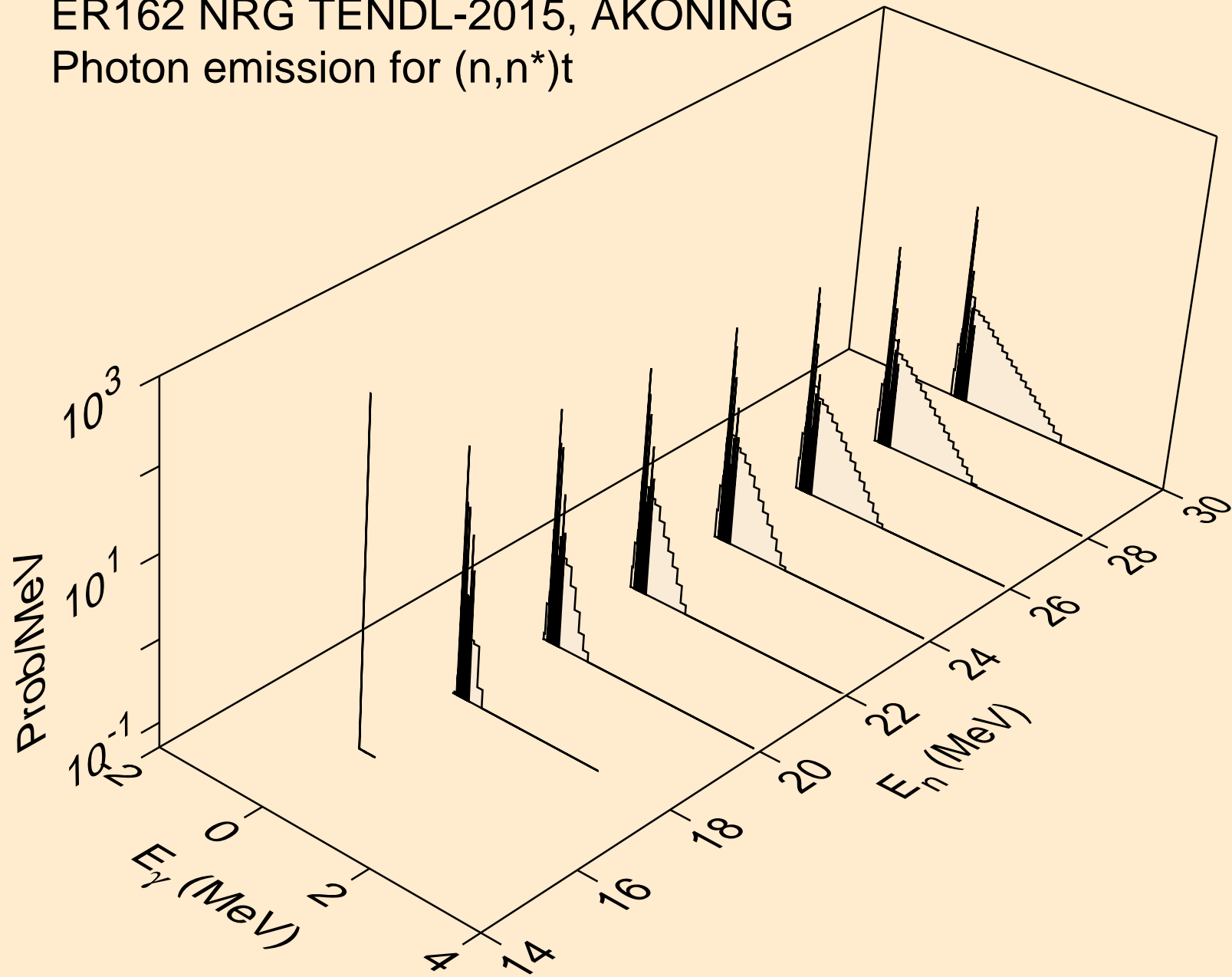
ER162 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



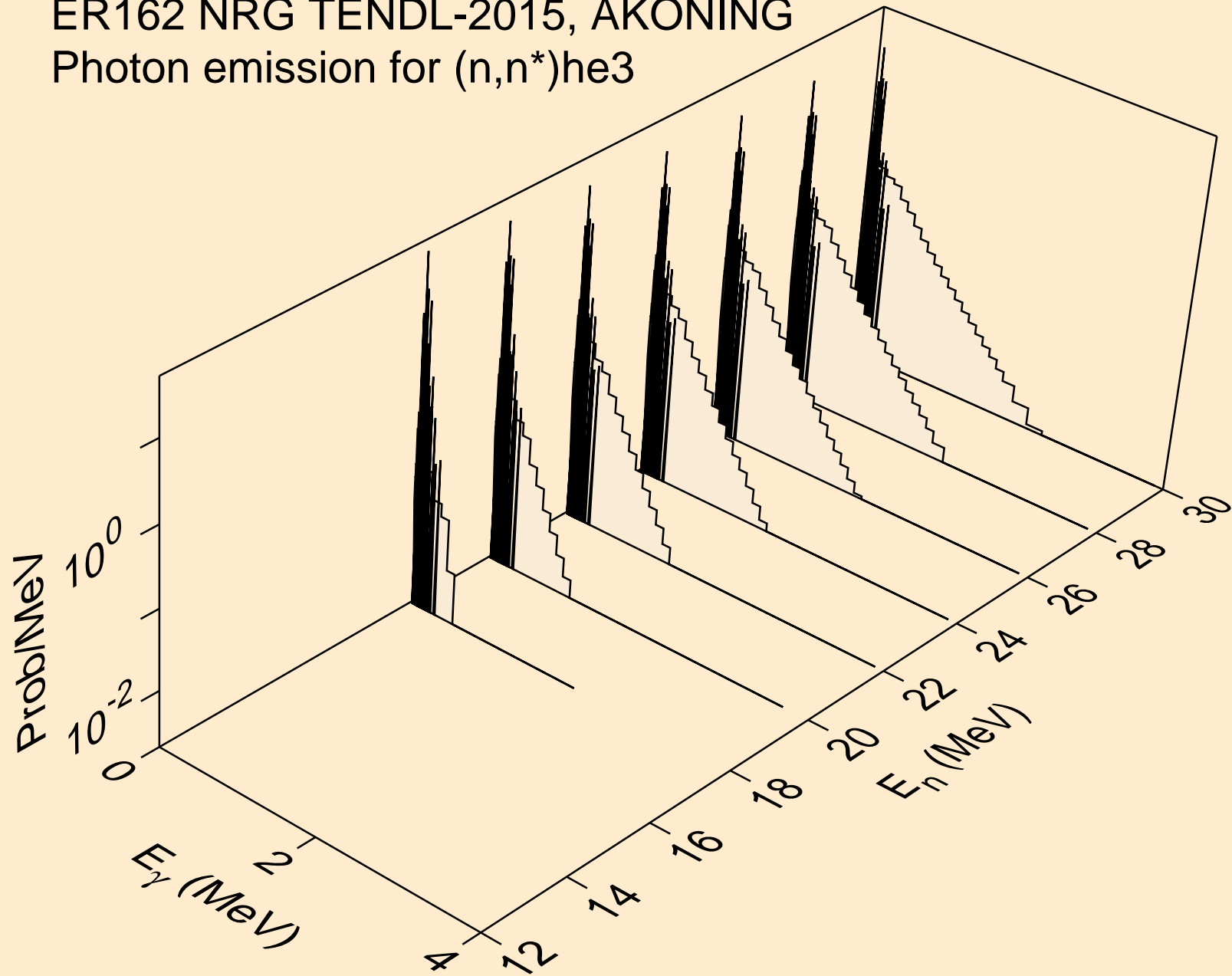
ER162 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



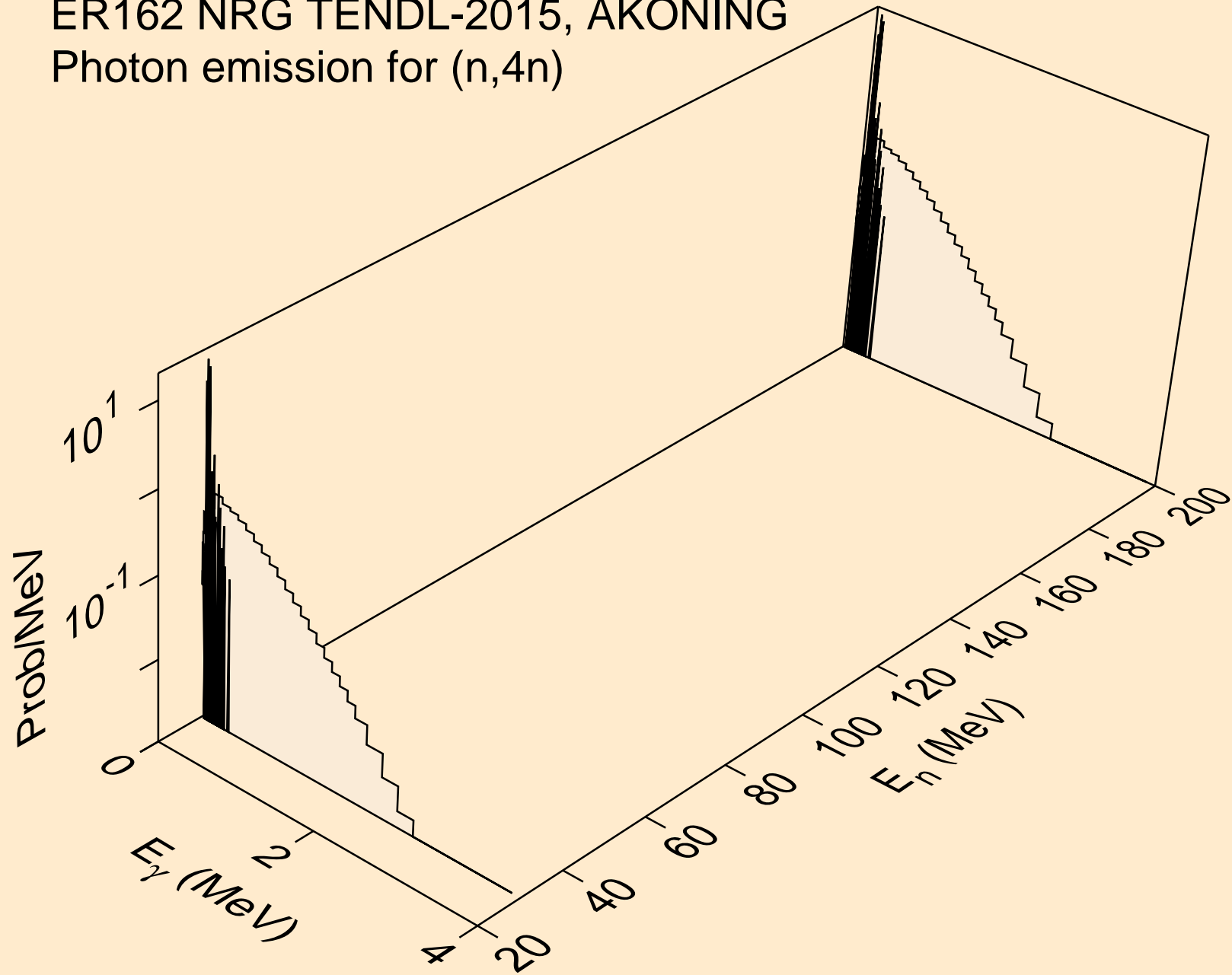
ER162 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



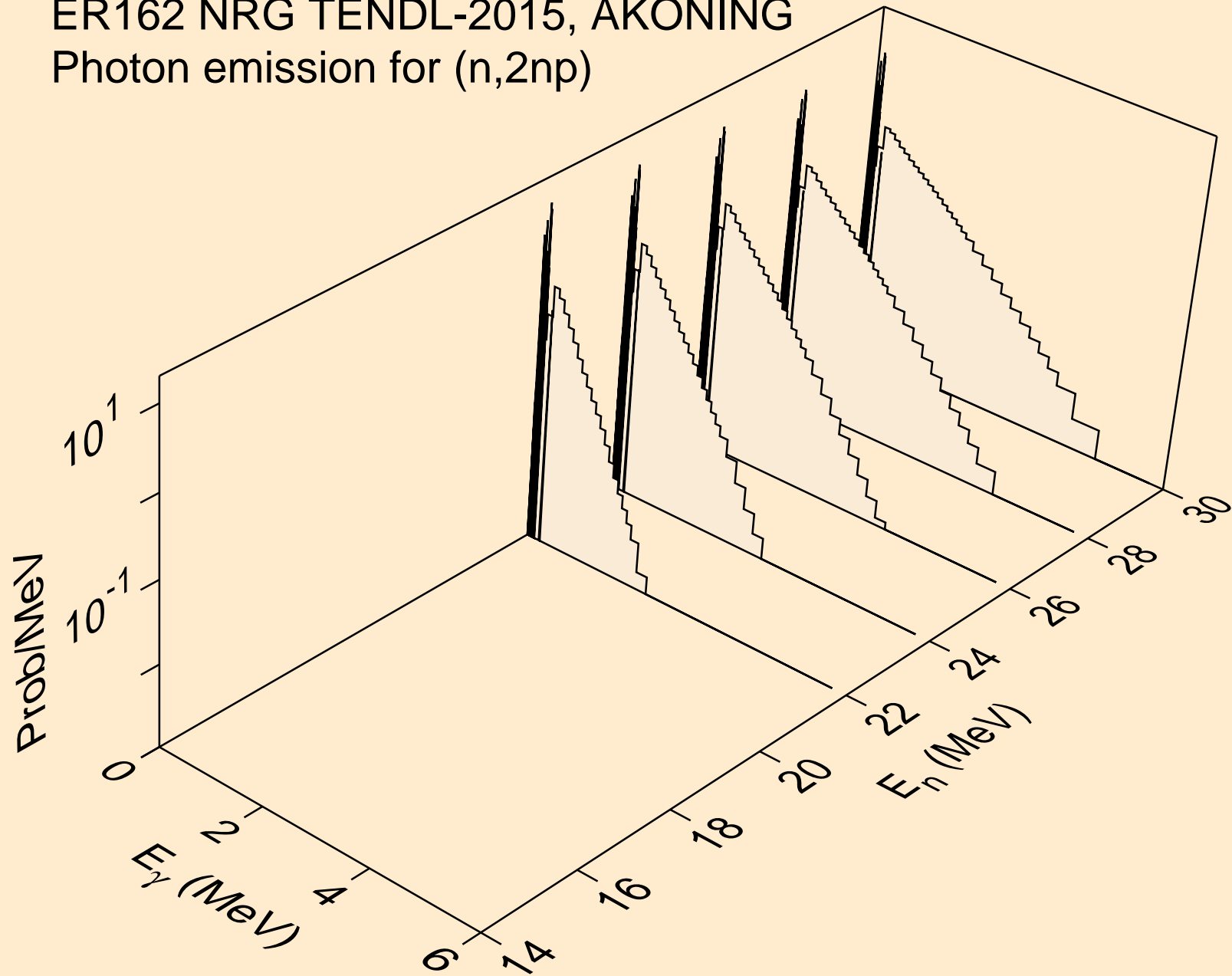
ER162 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



ER162 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)

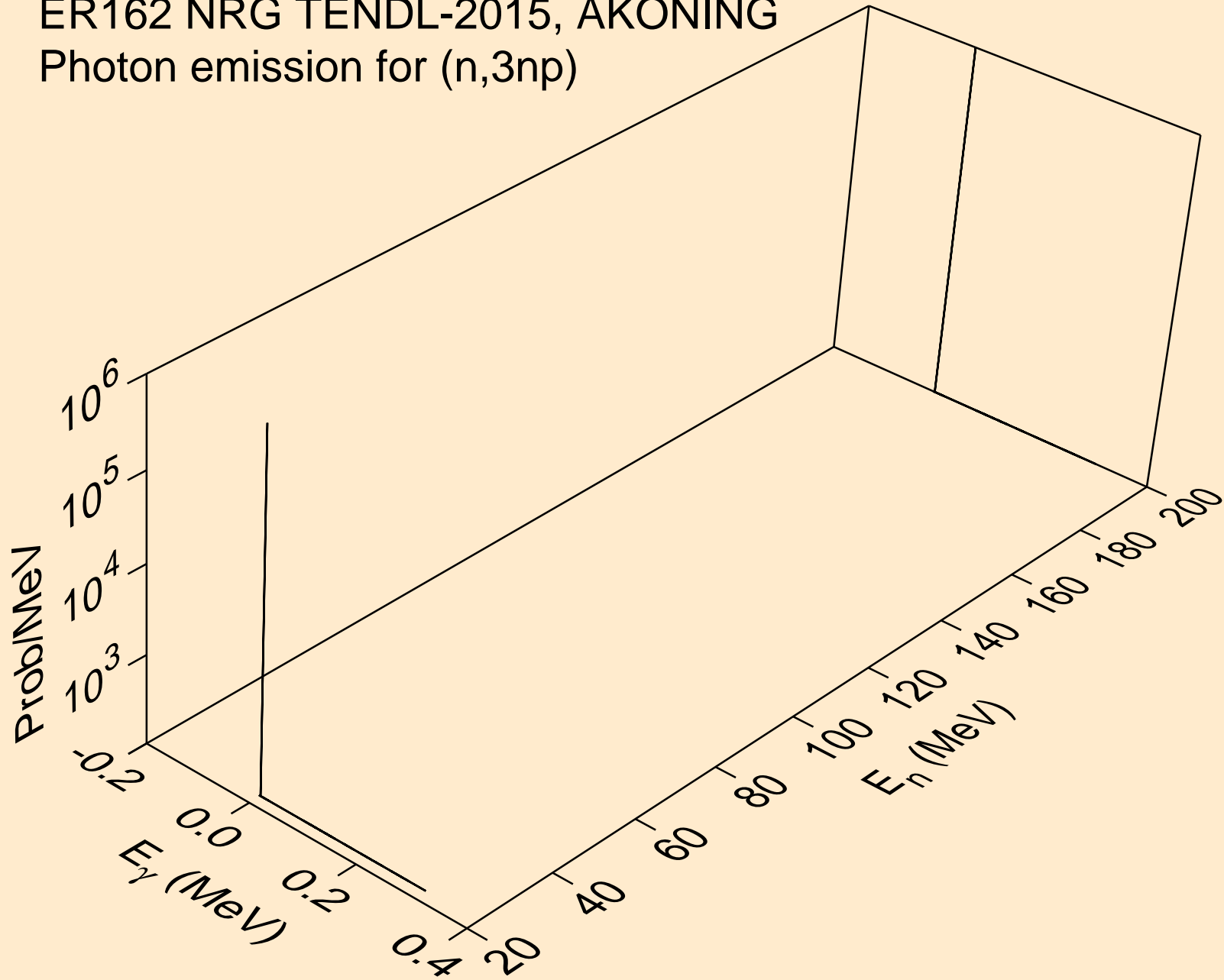


ER162 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

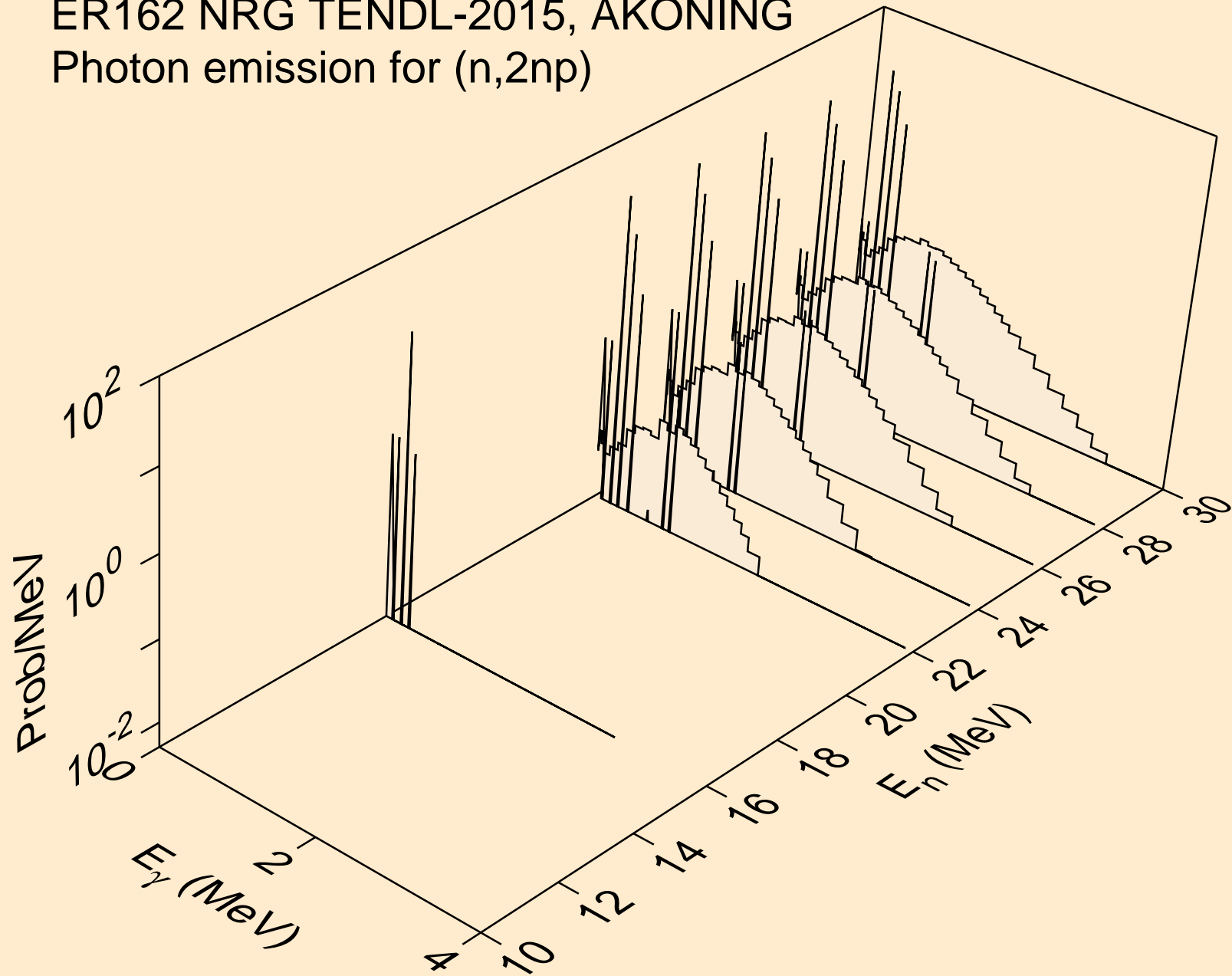




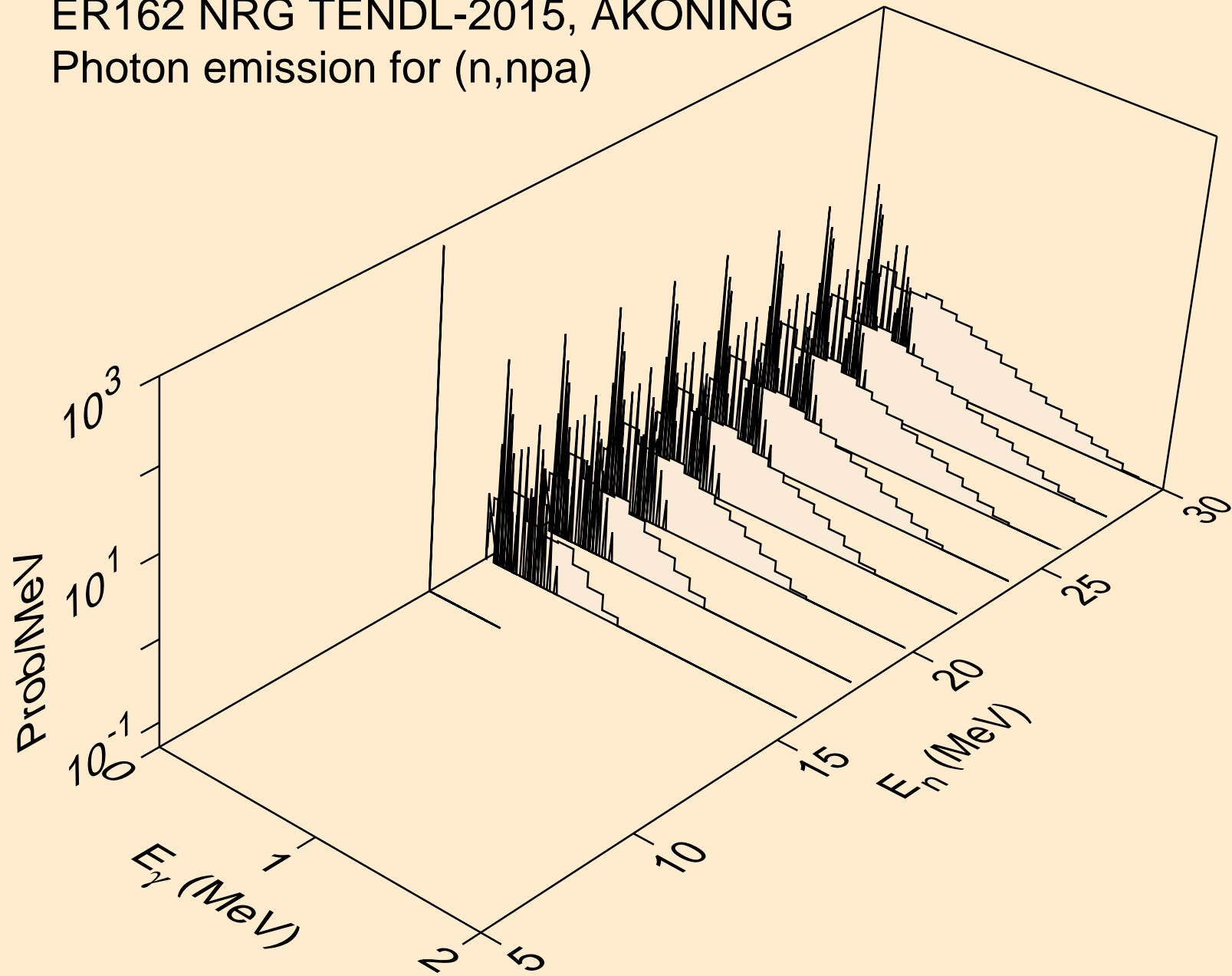
ER162 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



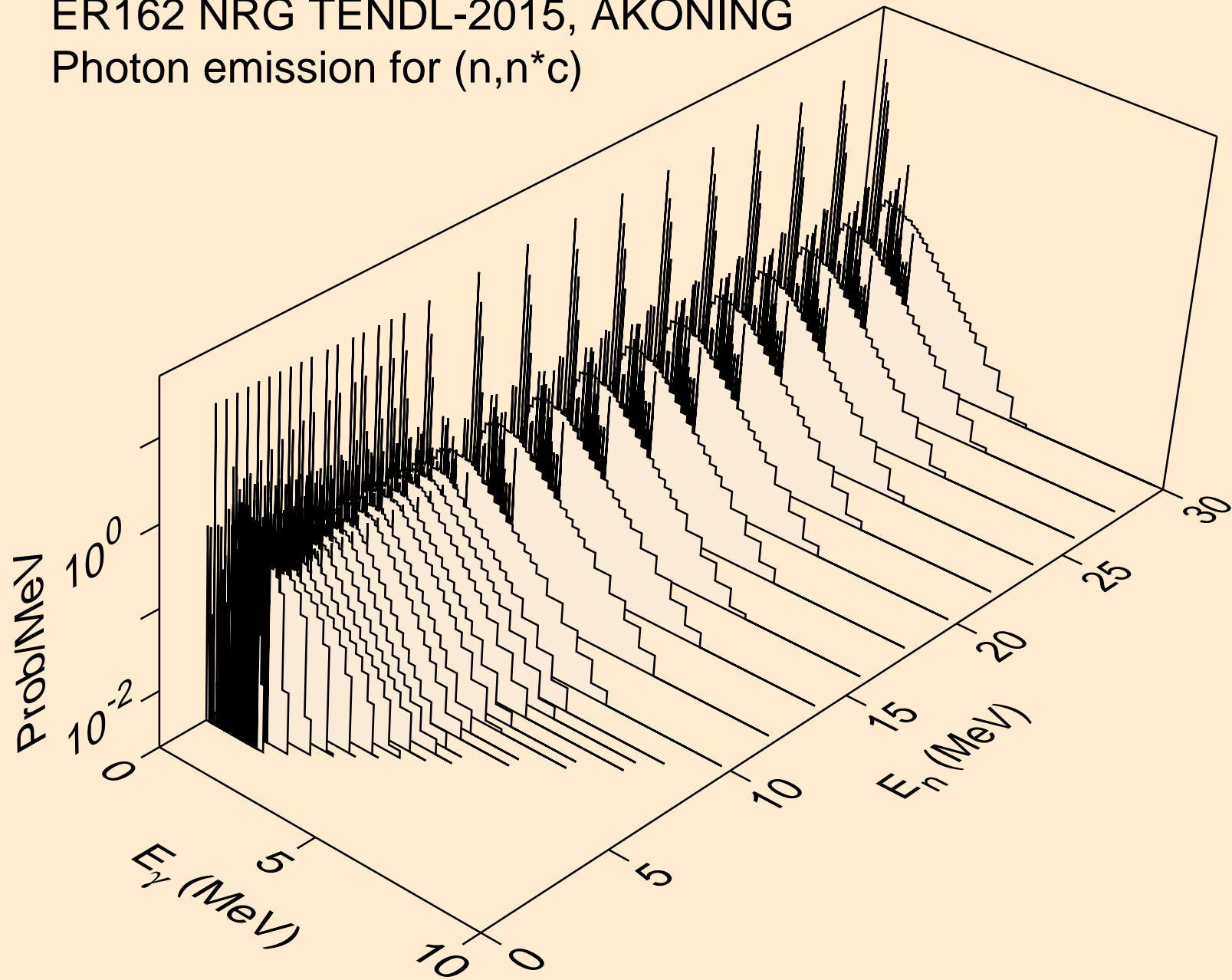
ER162 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



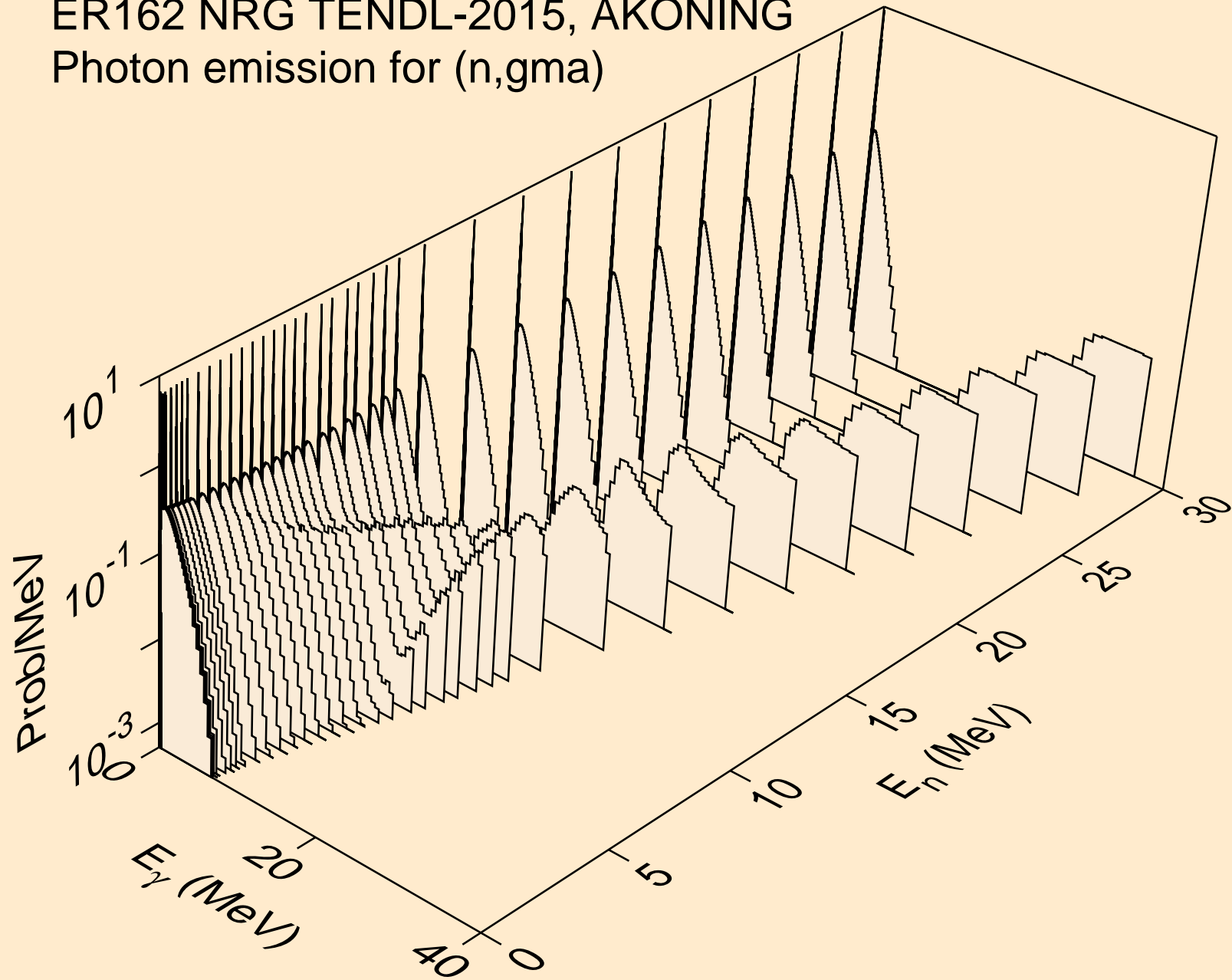
ER162 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



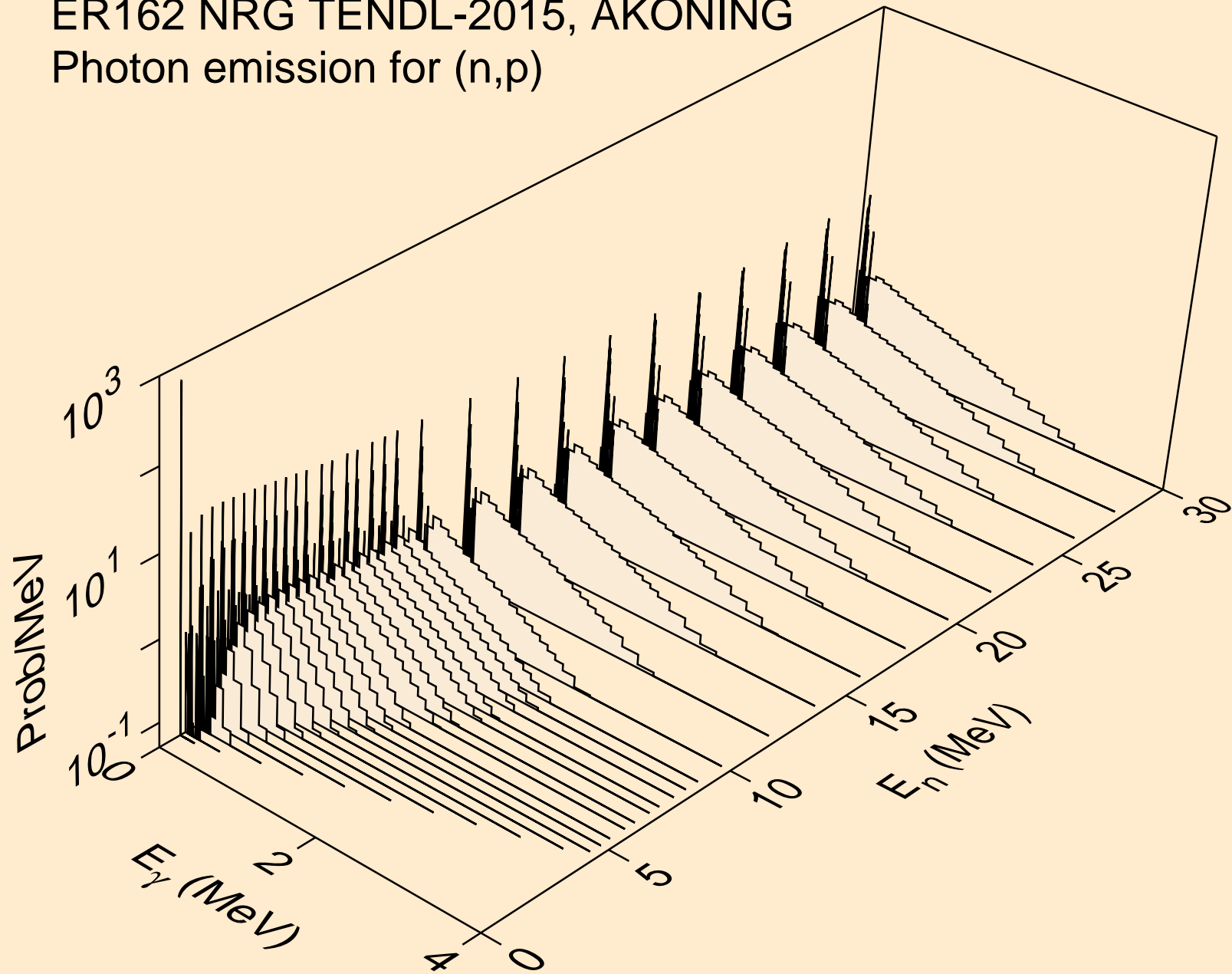
ER162 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



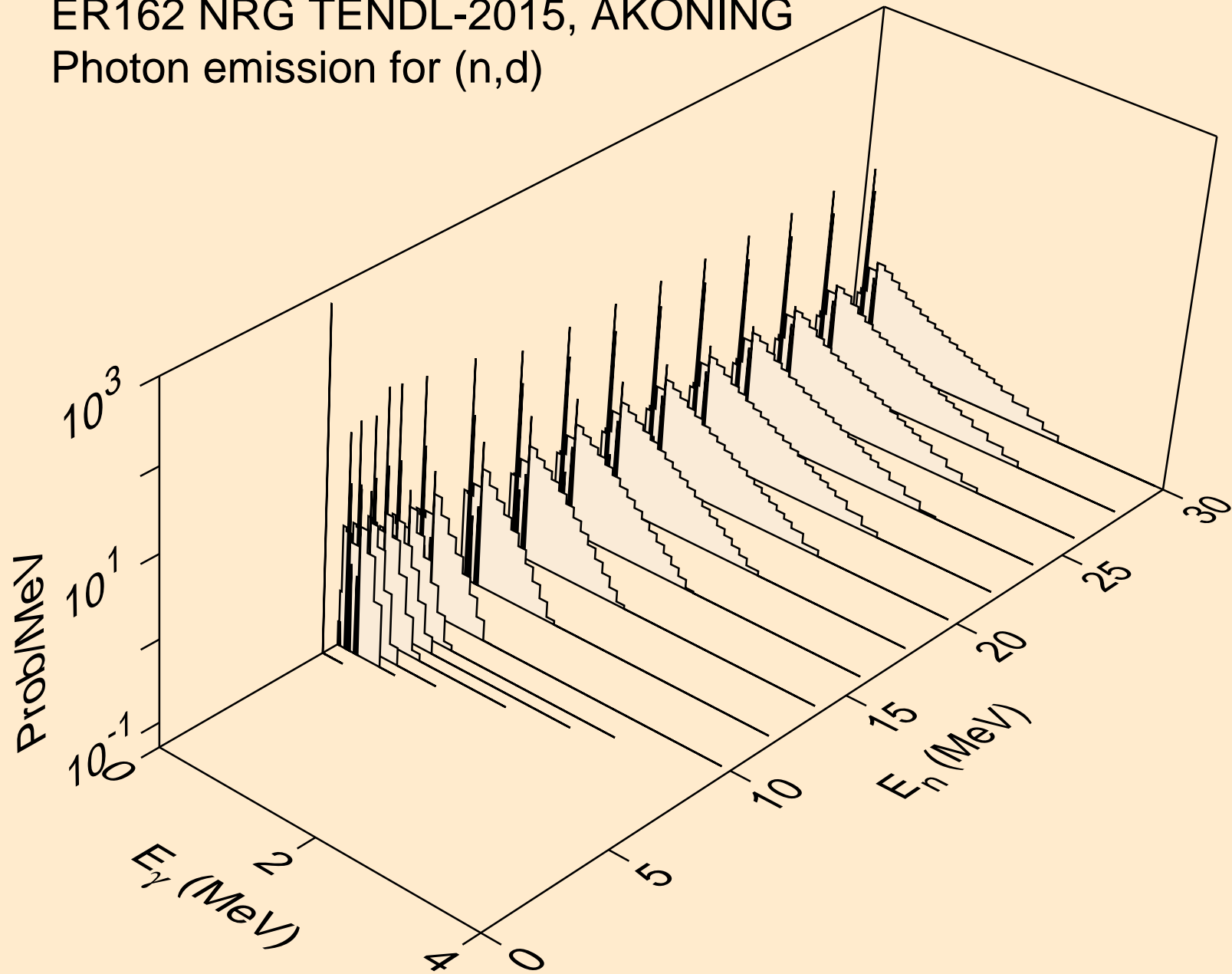
ER162 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



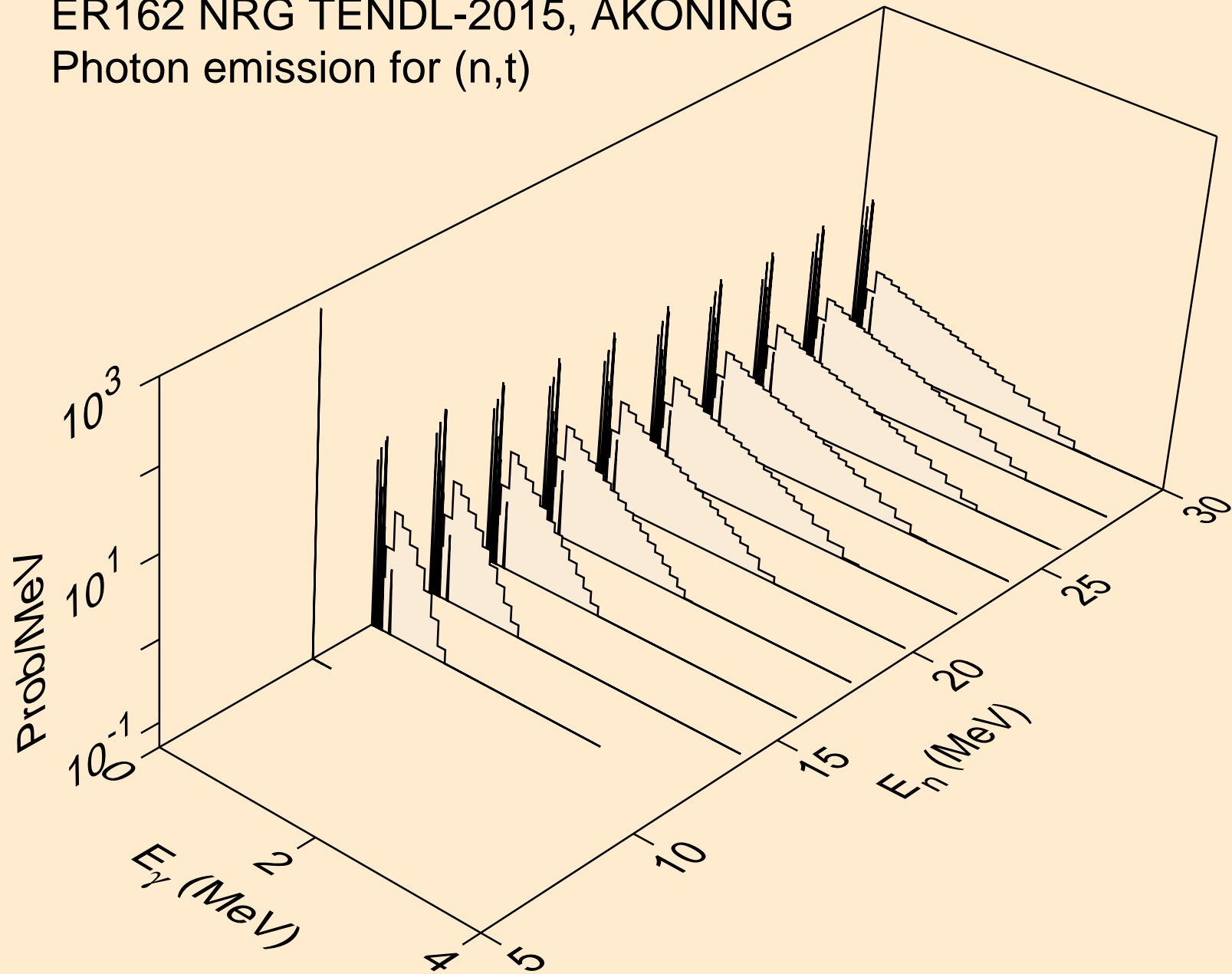
ER162 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



ER162 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

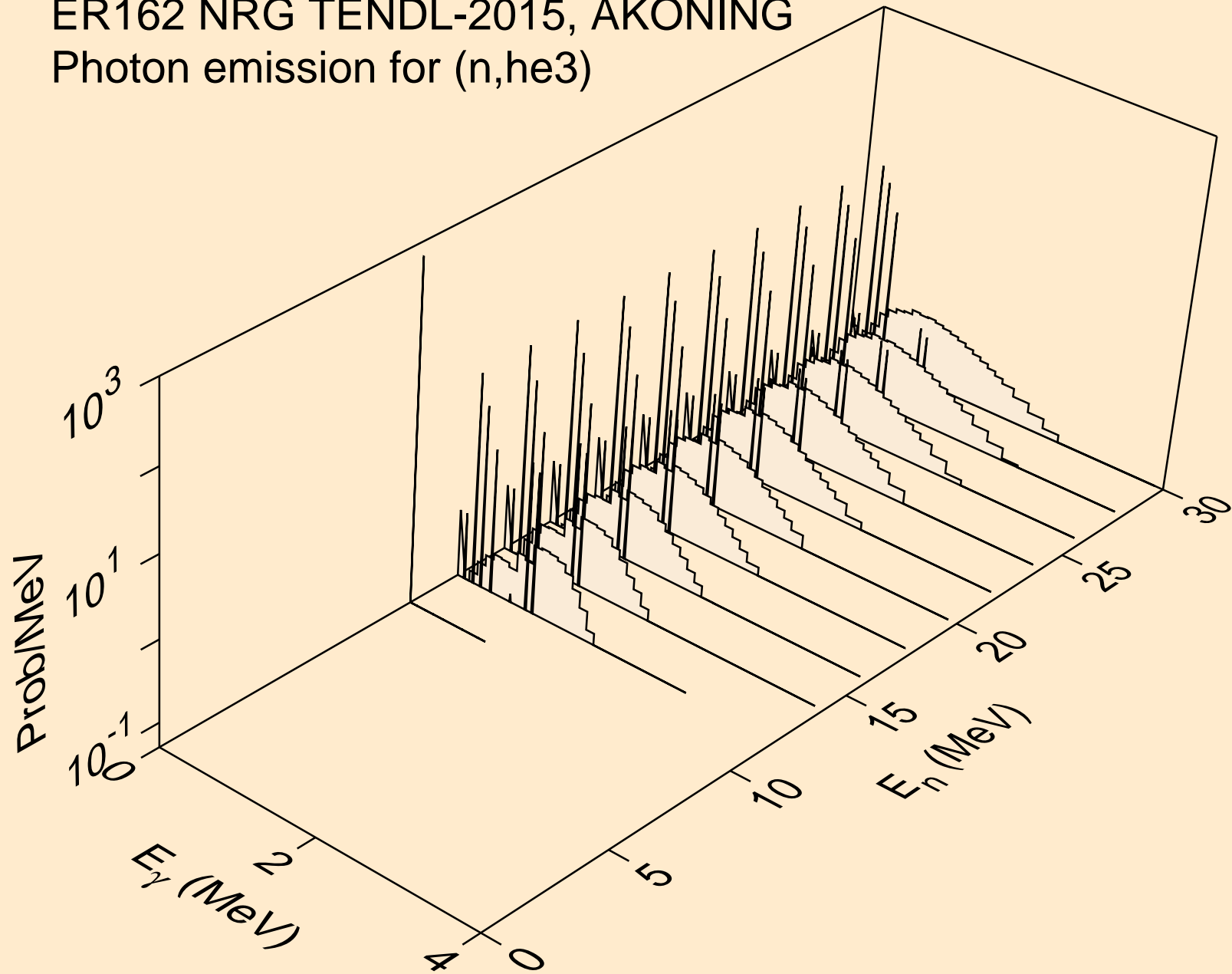


ER162 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

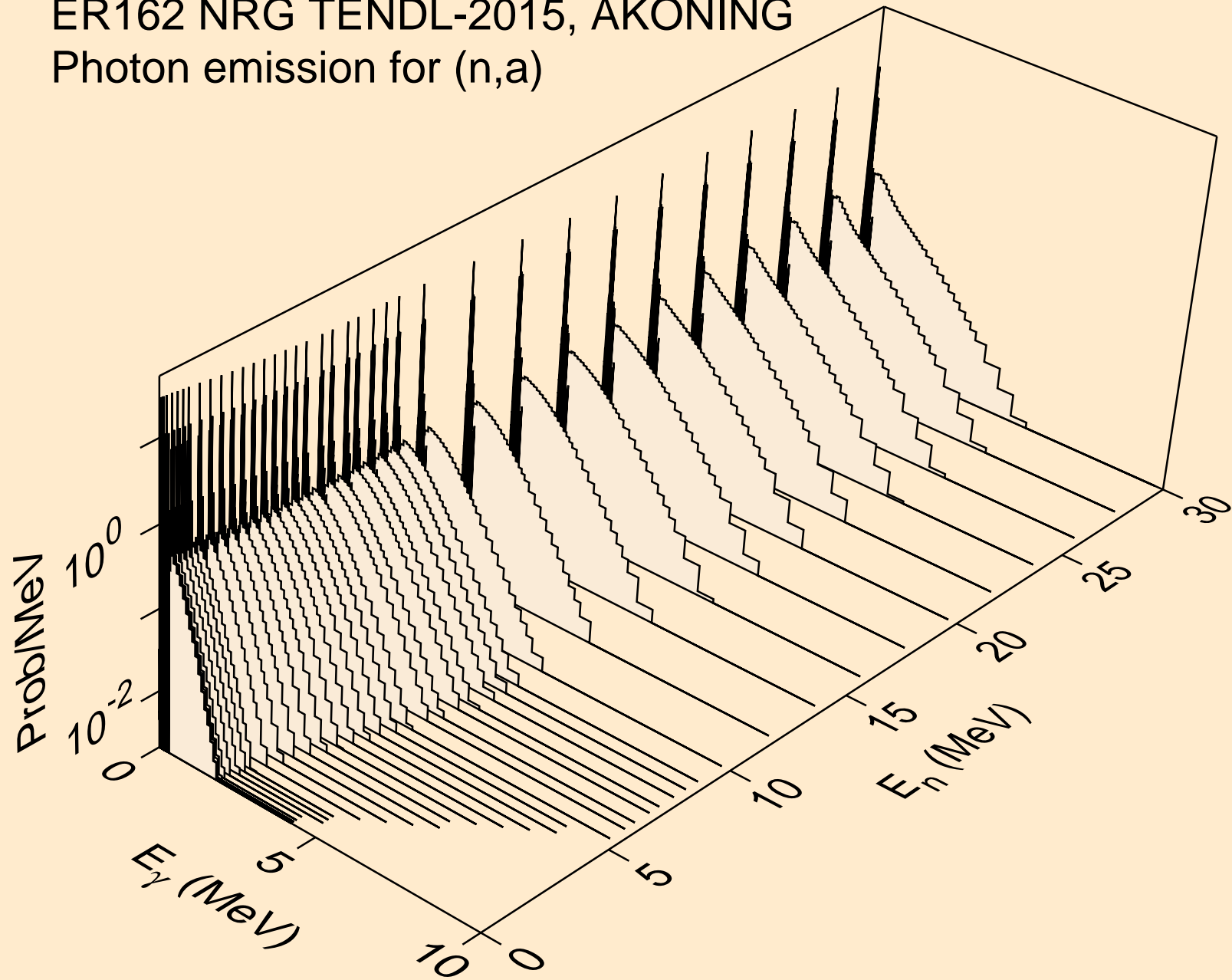




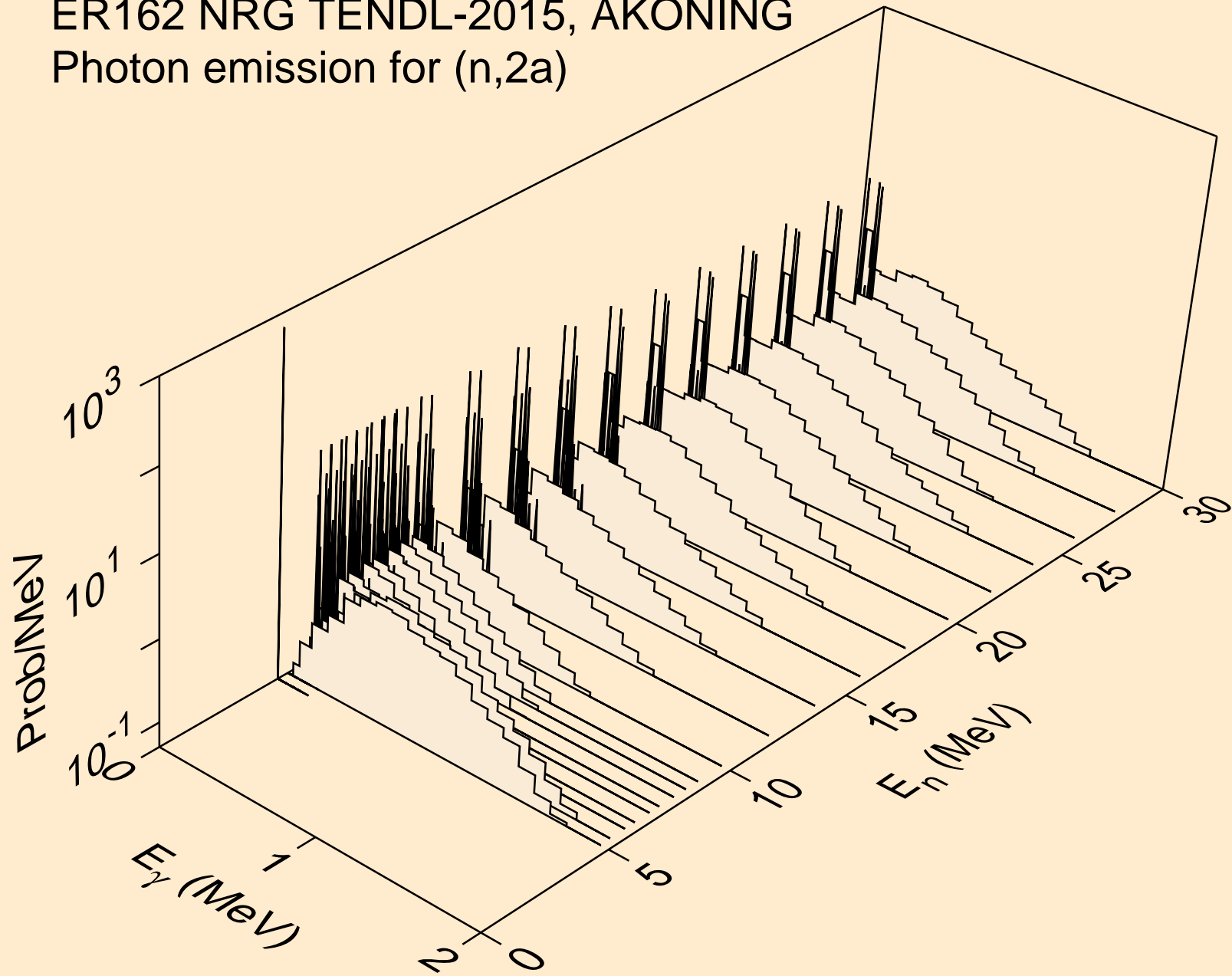
ER162 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



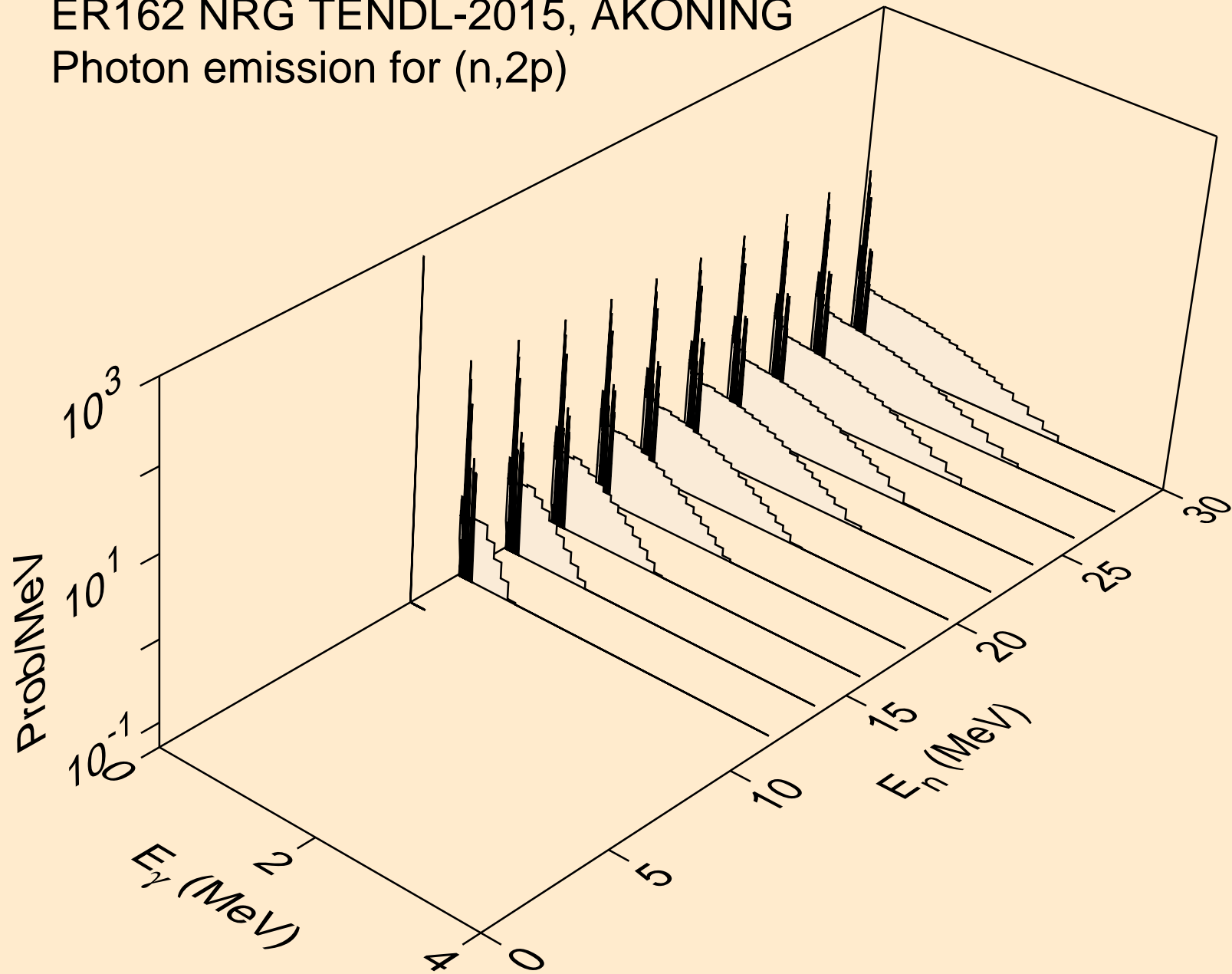
ER162 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



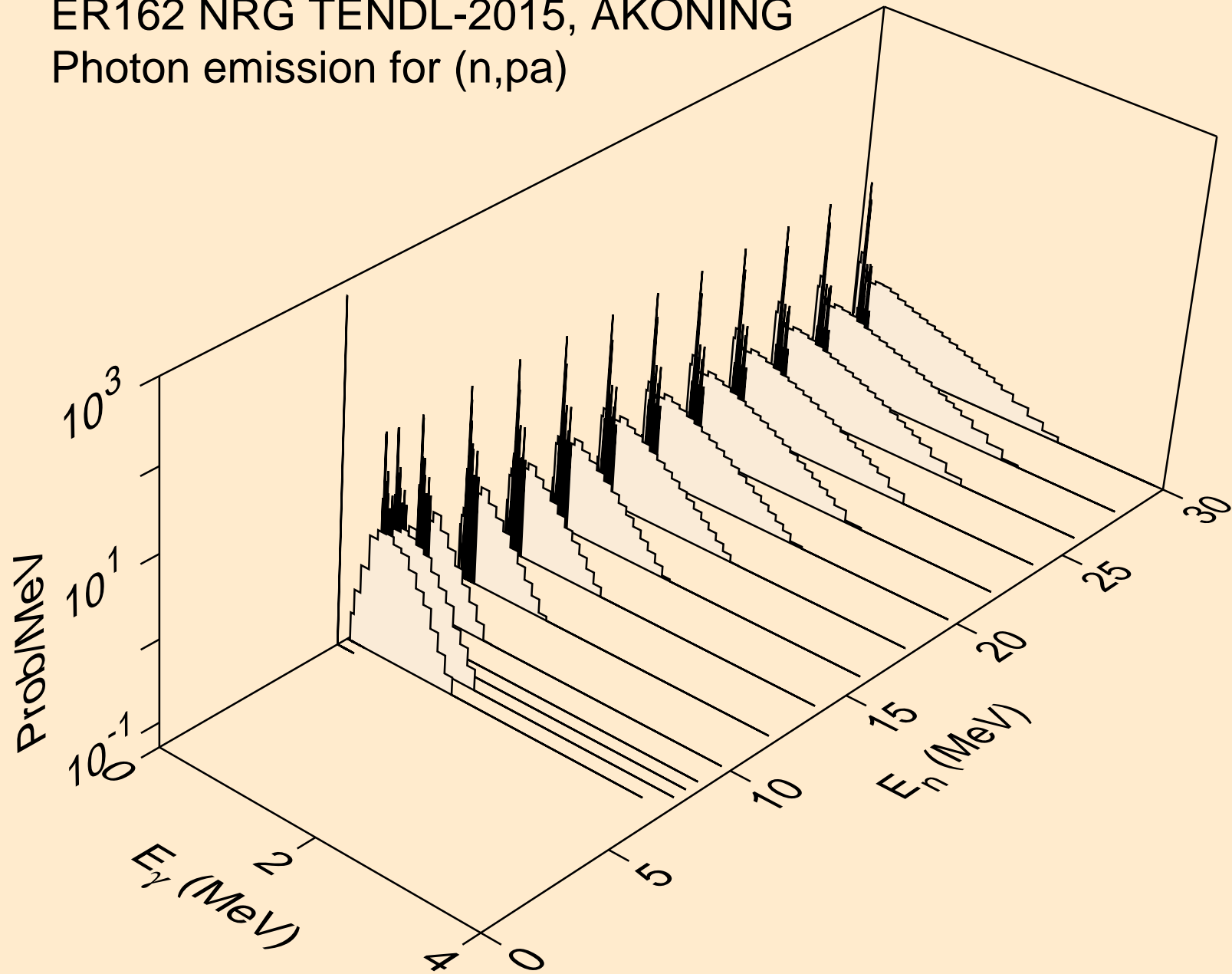
ER162 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



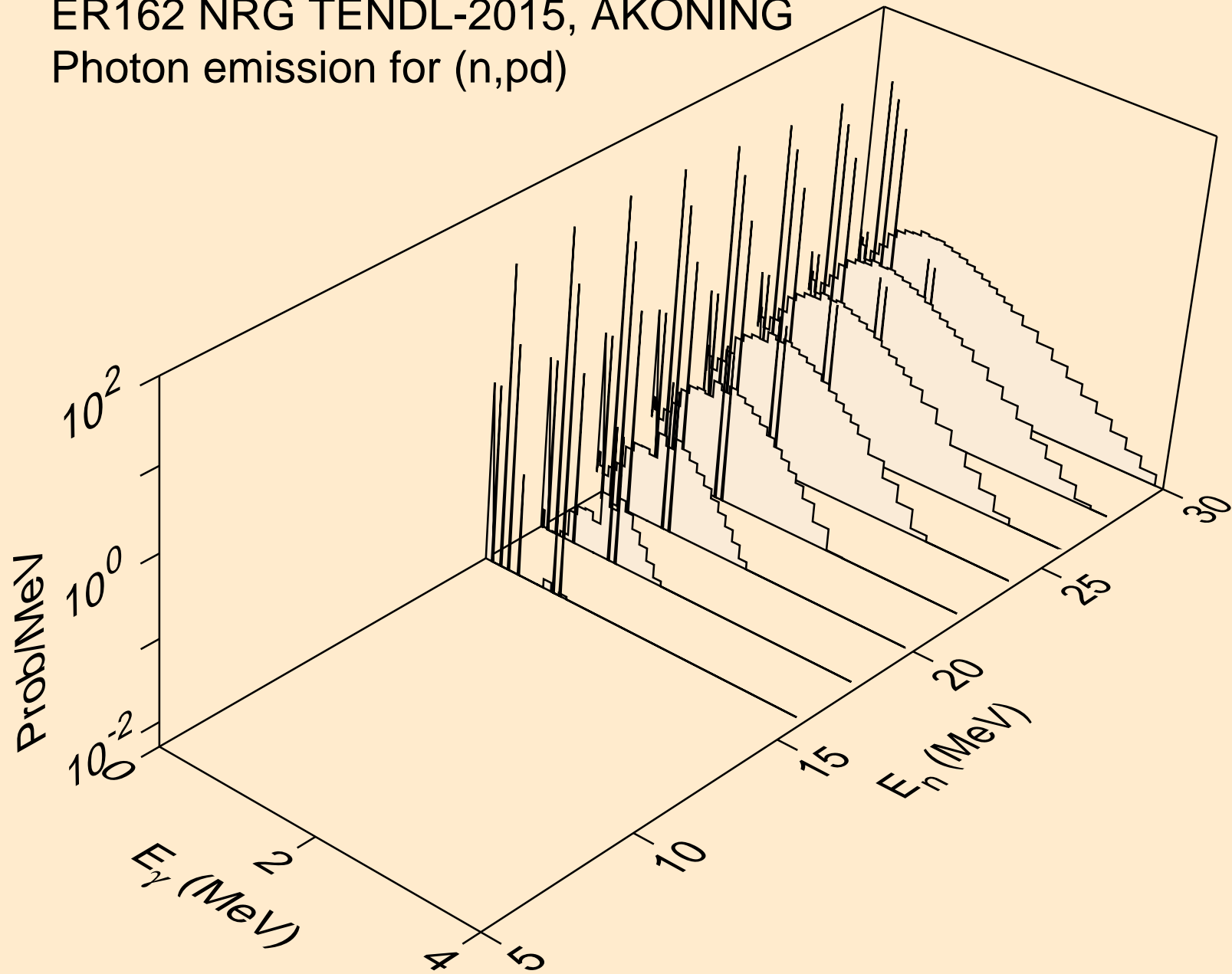
ER162 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



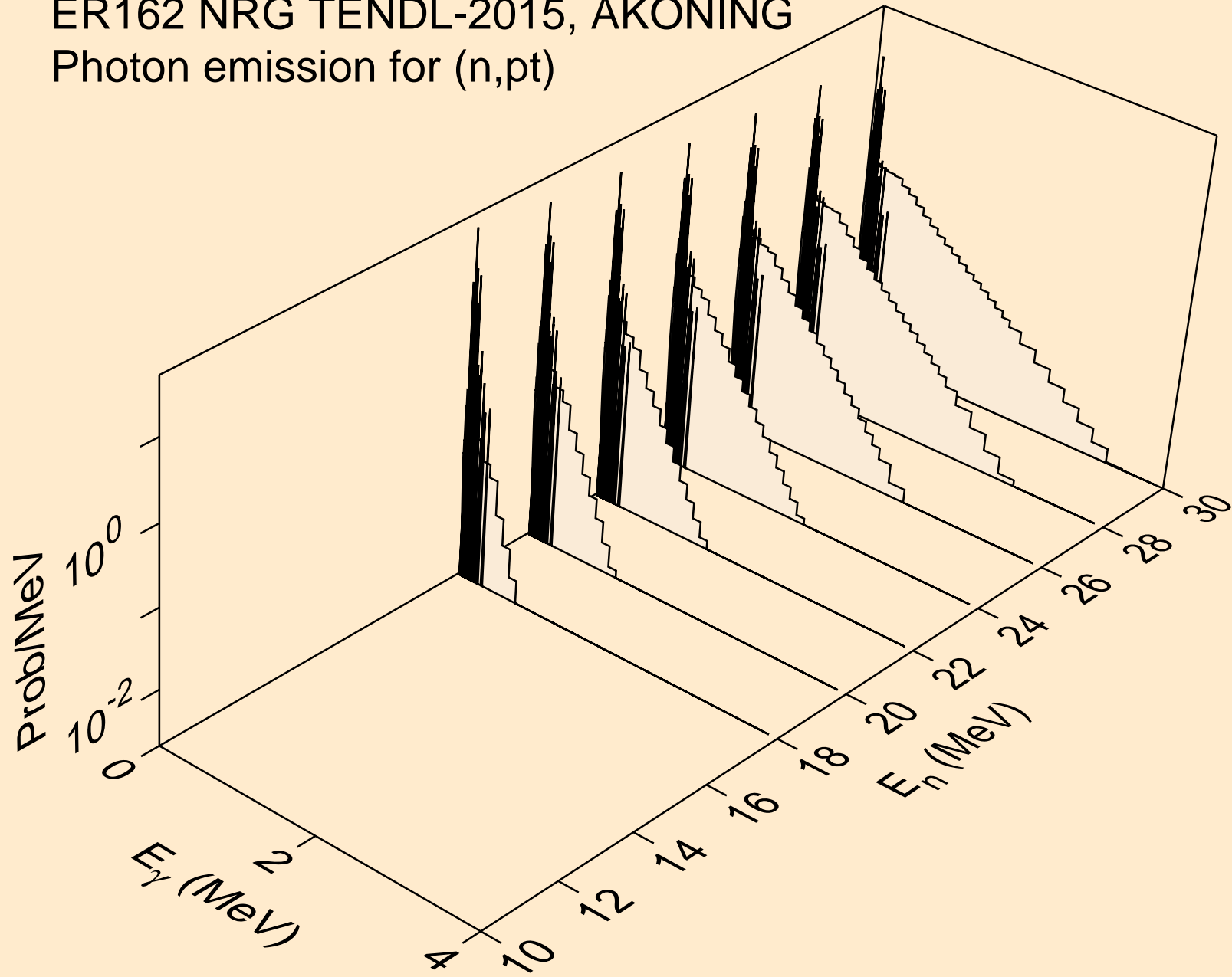
ER162 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



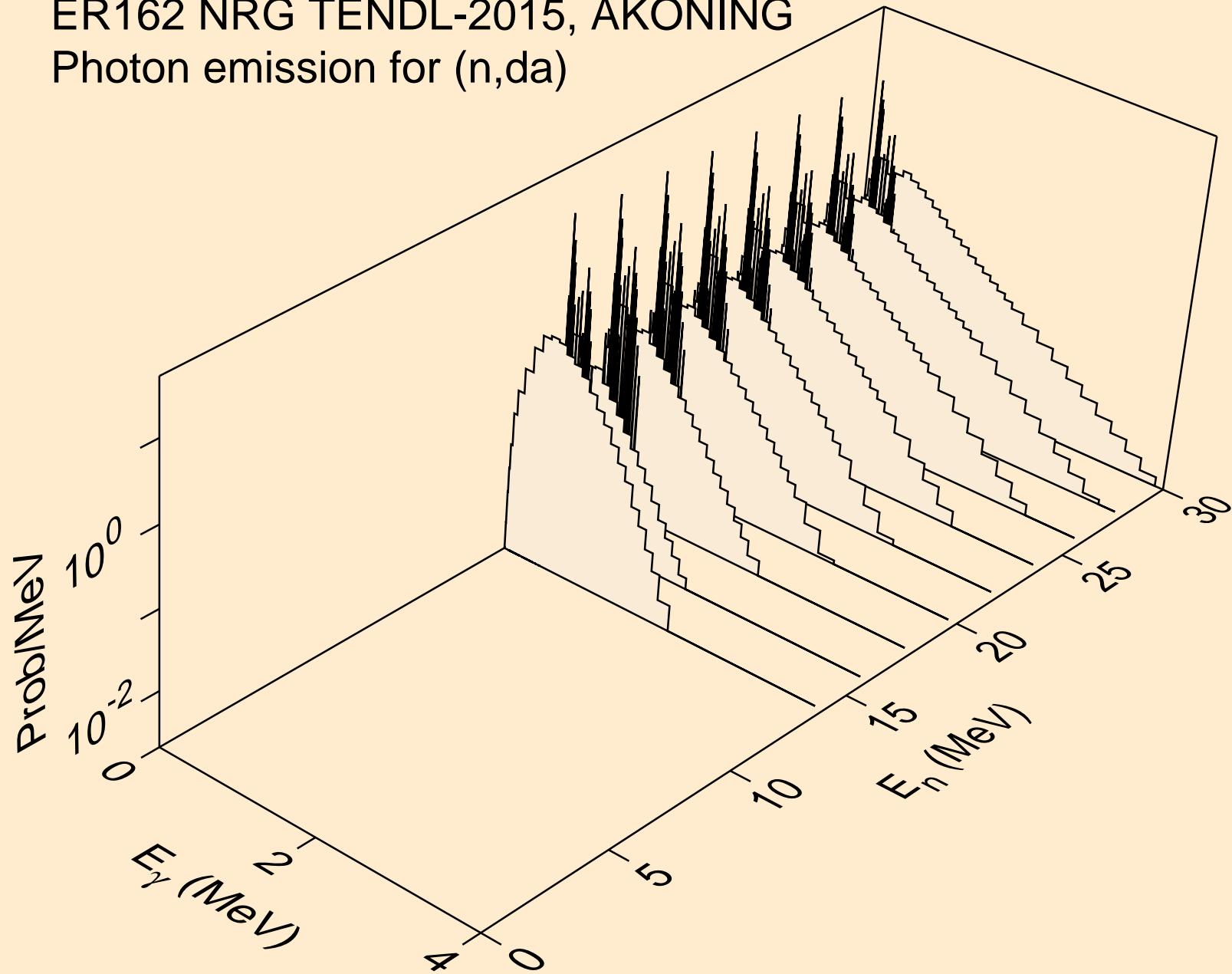
ER162 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



ER162 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)

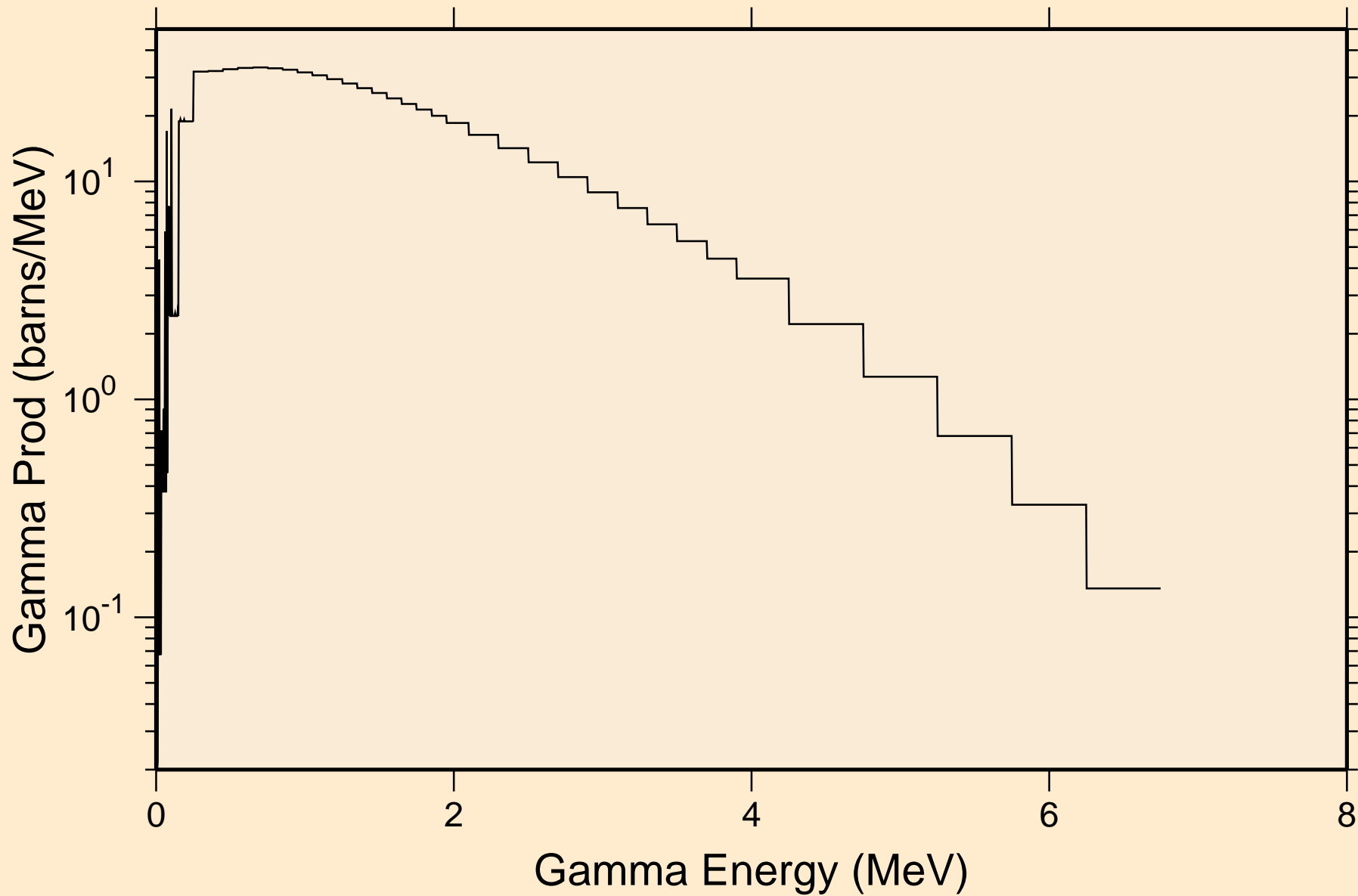


ER162 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



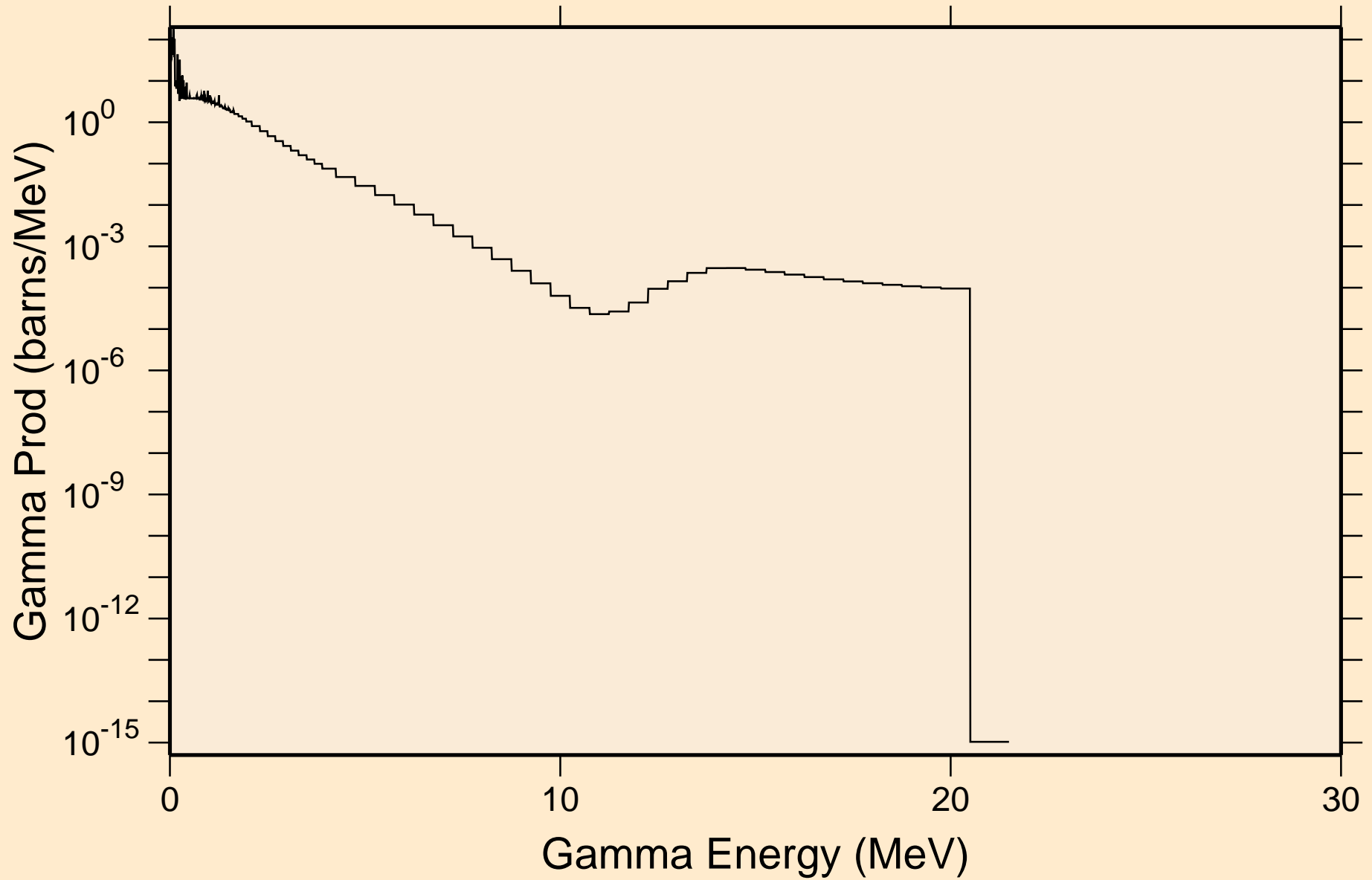


ER162 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



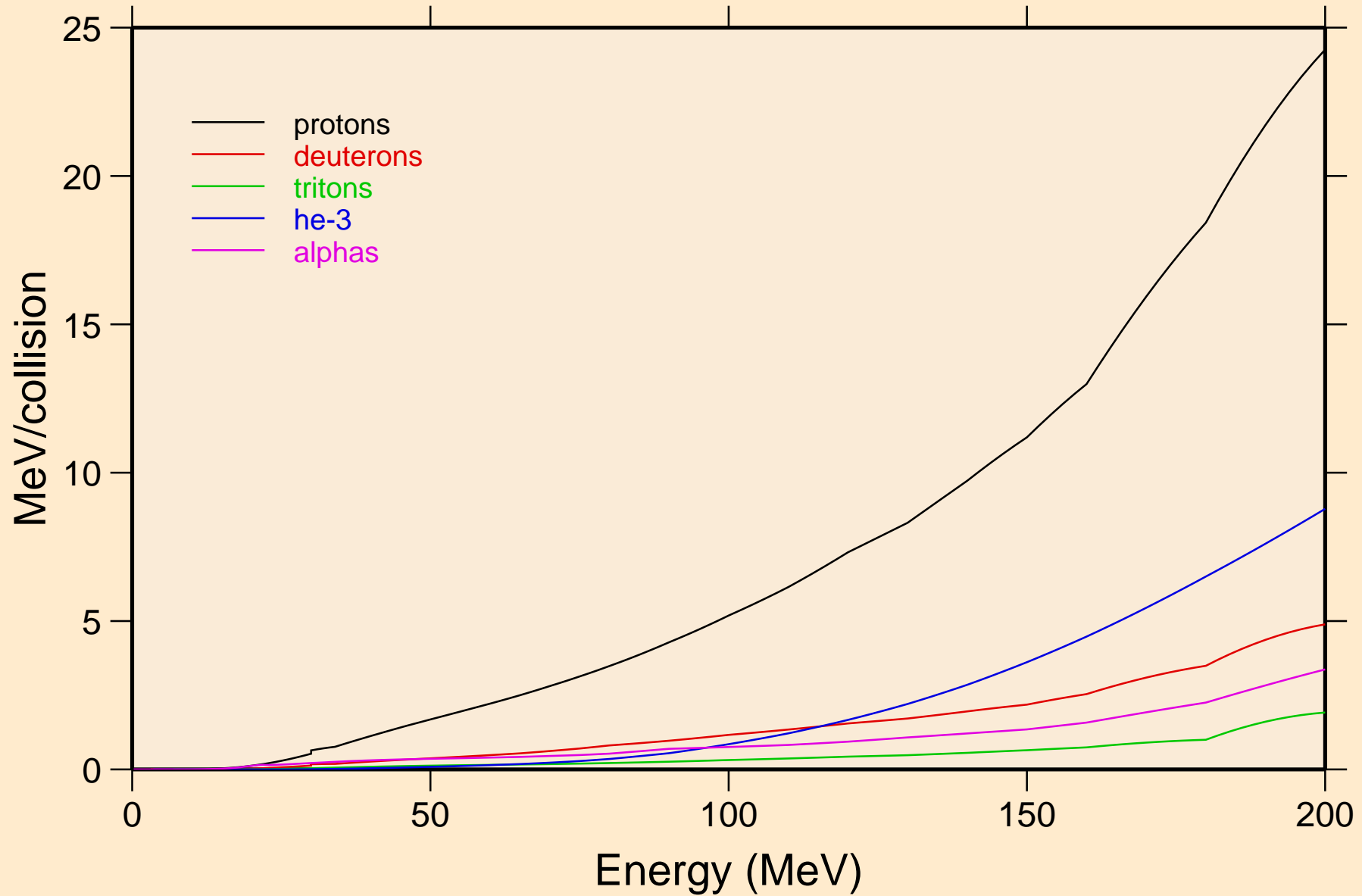
# ER162 NRG TENDL-2015, AKONING

## 14 MeV photon spectrum



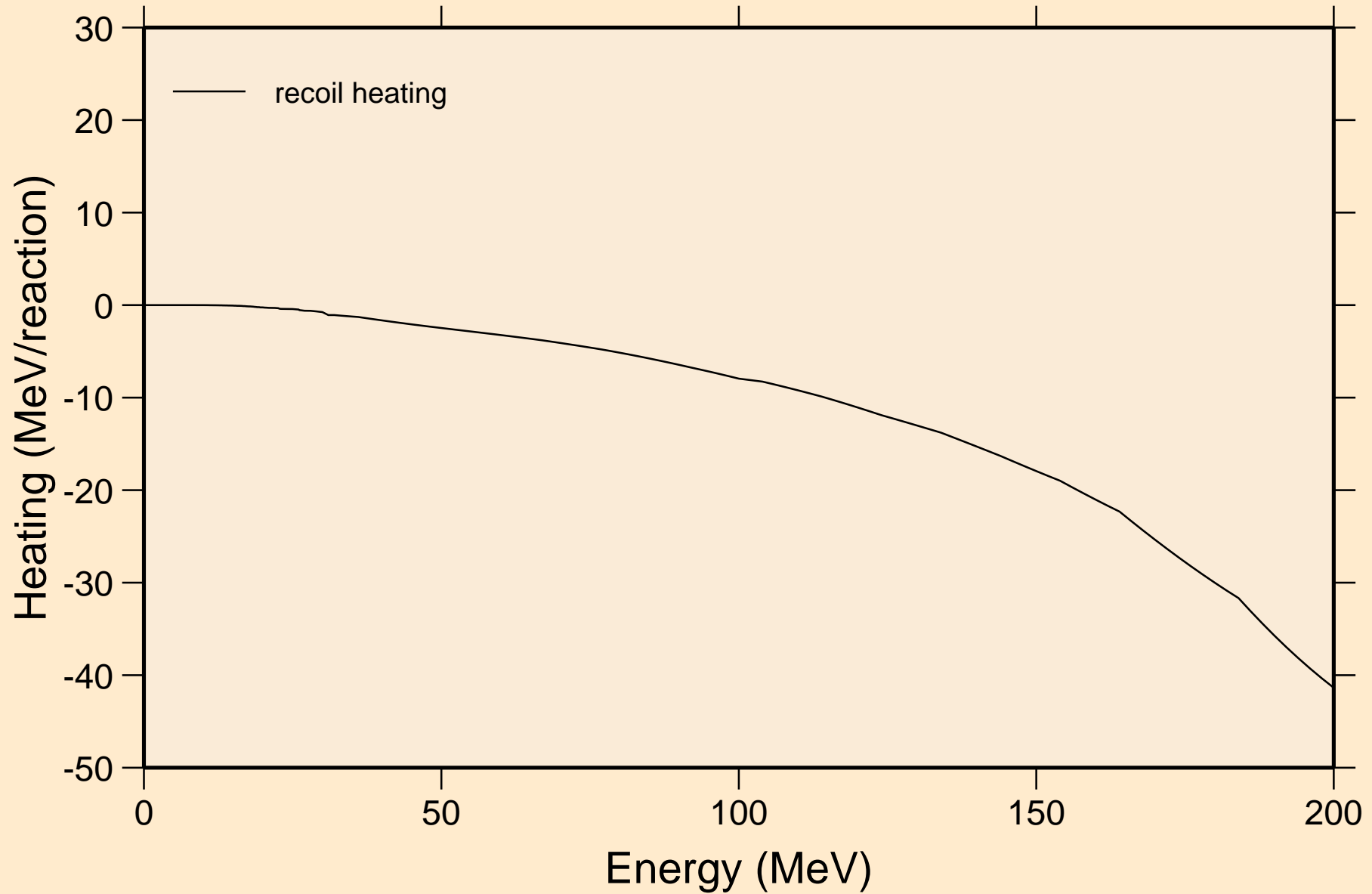
# ER162 NRG TENDL-2015, AKONING

## Particle heating contributions



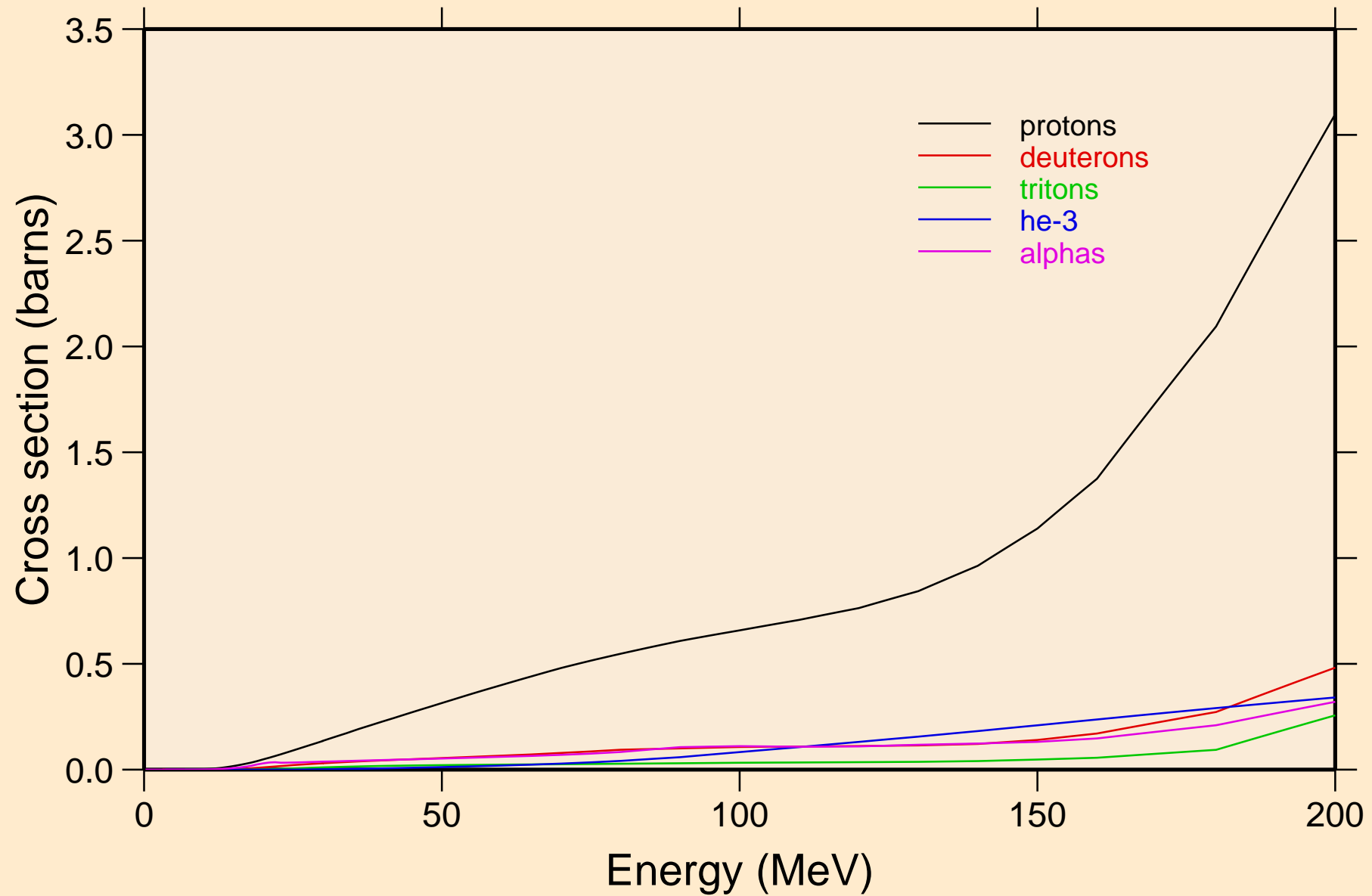
# ER162 NRG TENDL-2015, AKONING

## Recoil Heating

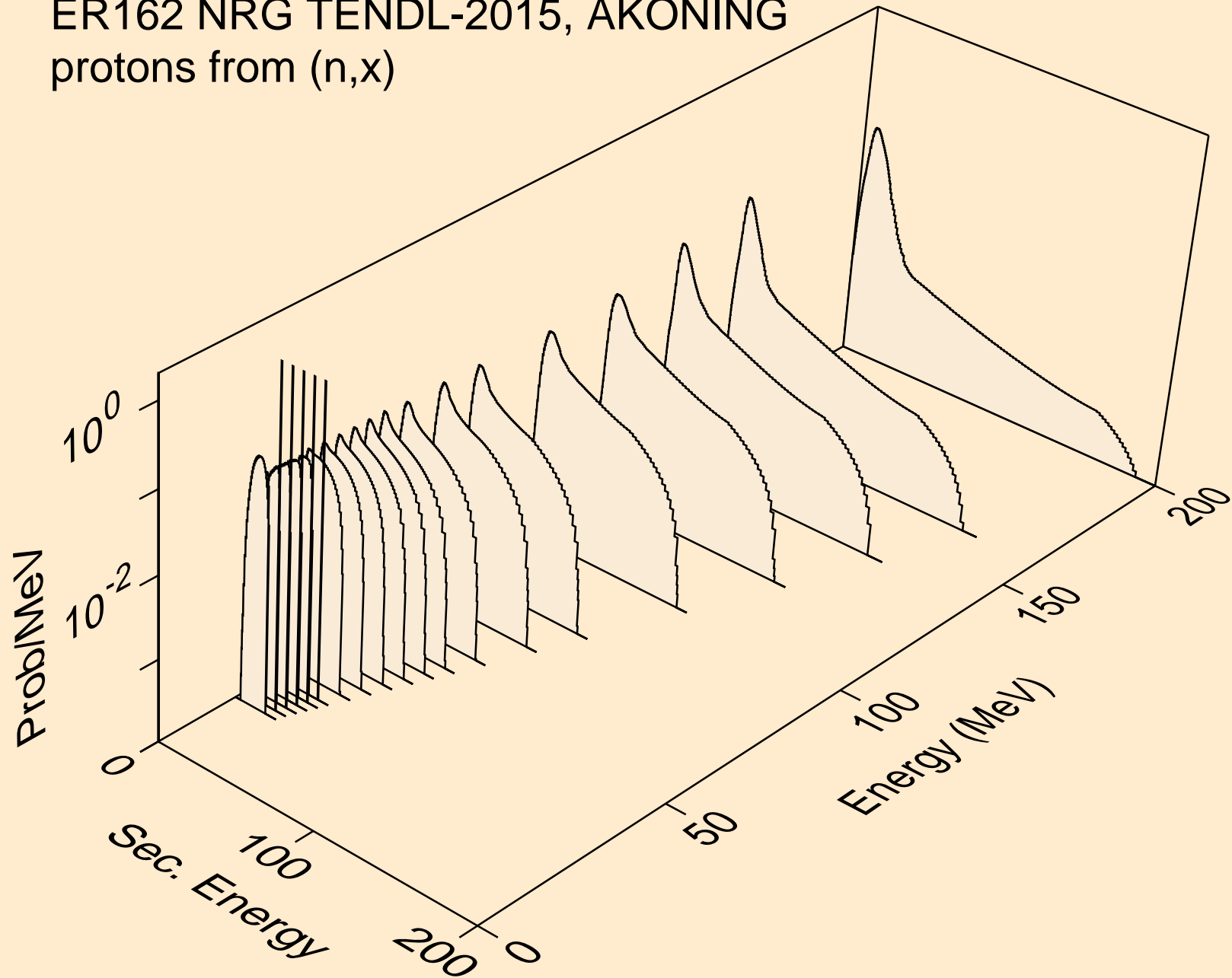


# ER162 NRG TENDL-2015, AKONING

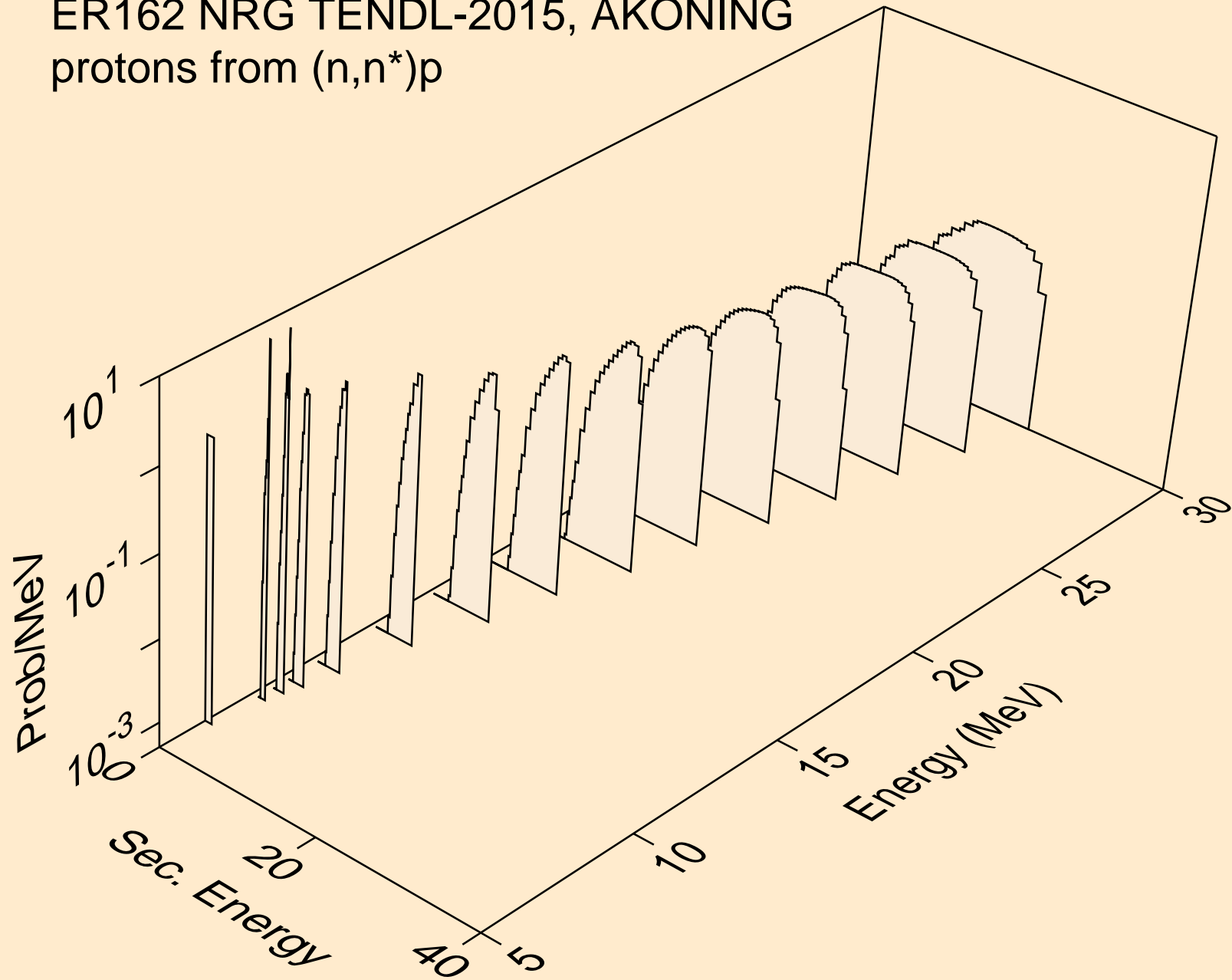
## Particle production cross sections



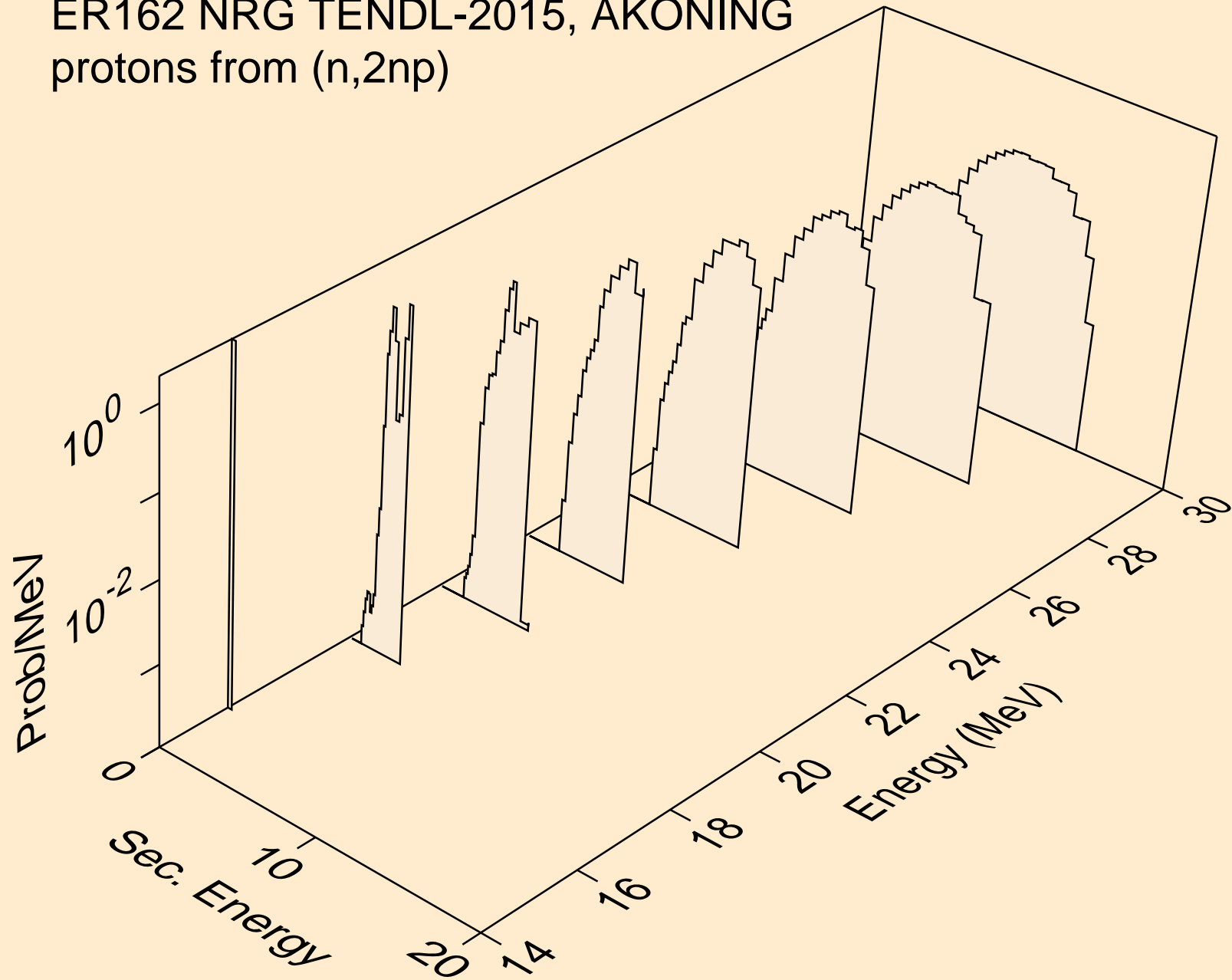
ER162 NRG TENDL-2015, AKONING  
protons from (n,x)



ER162 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

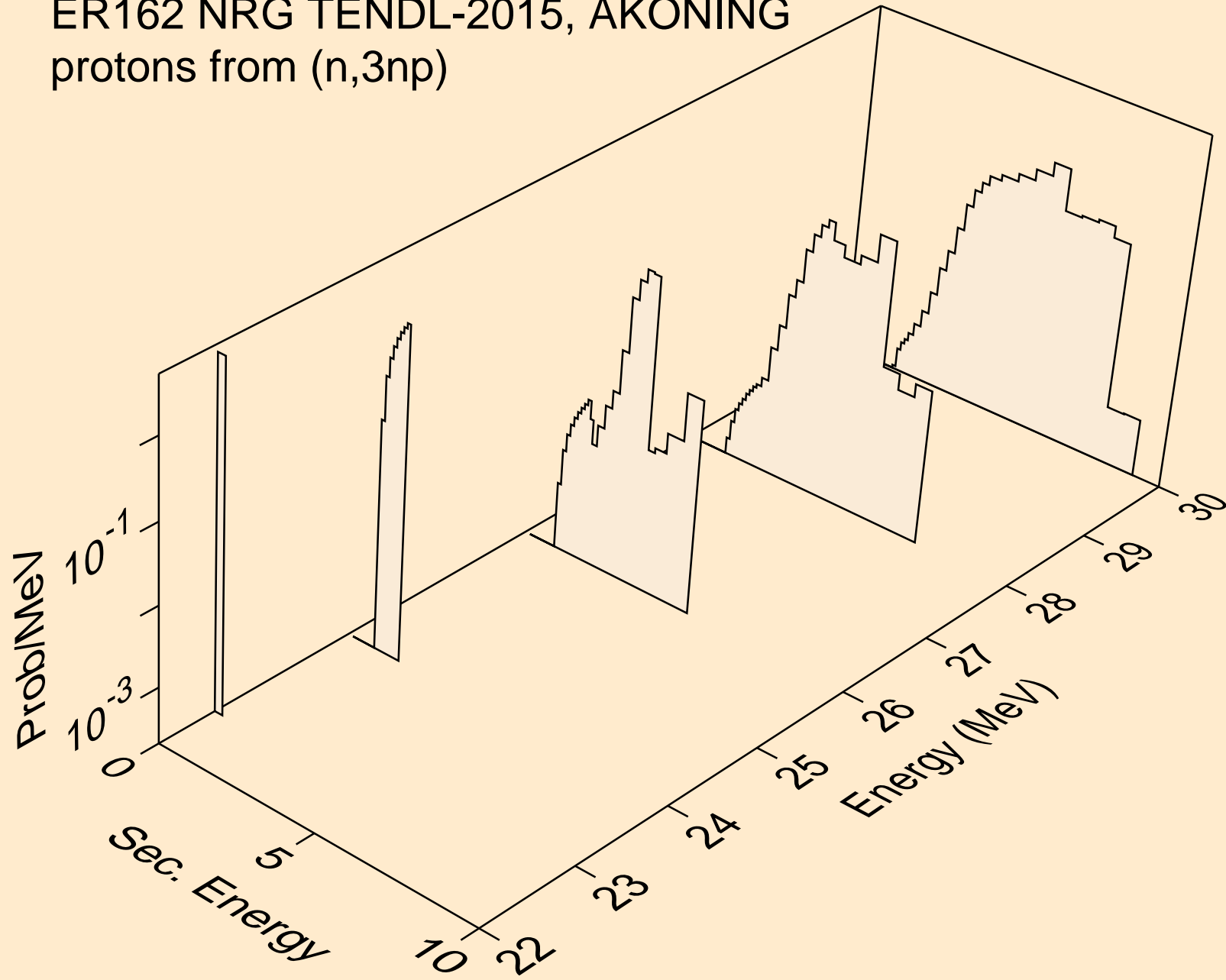


ER162 NRG TENDL-2015, AKONING  
protons from (n,2np)

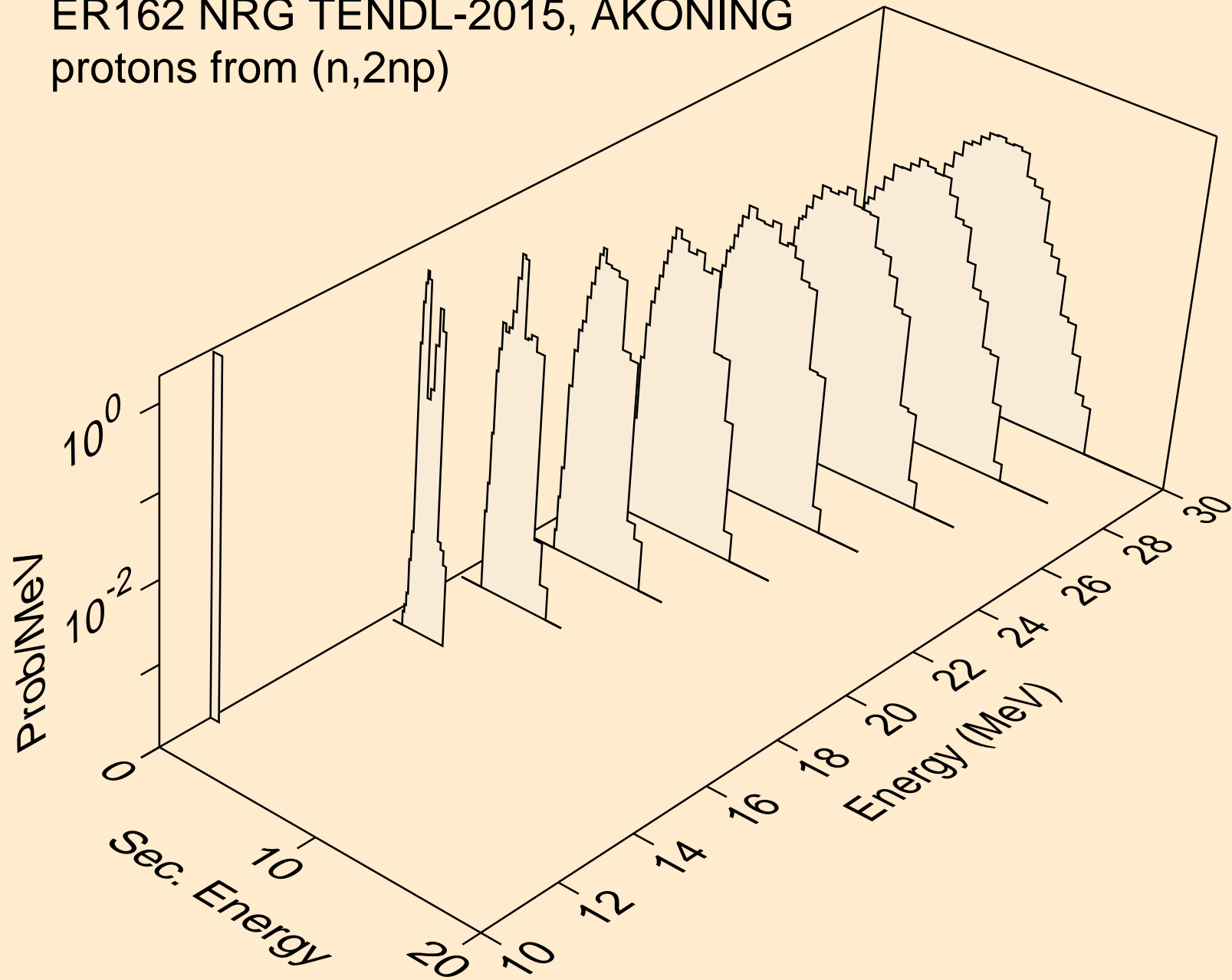




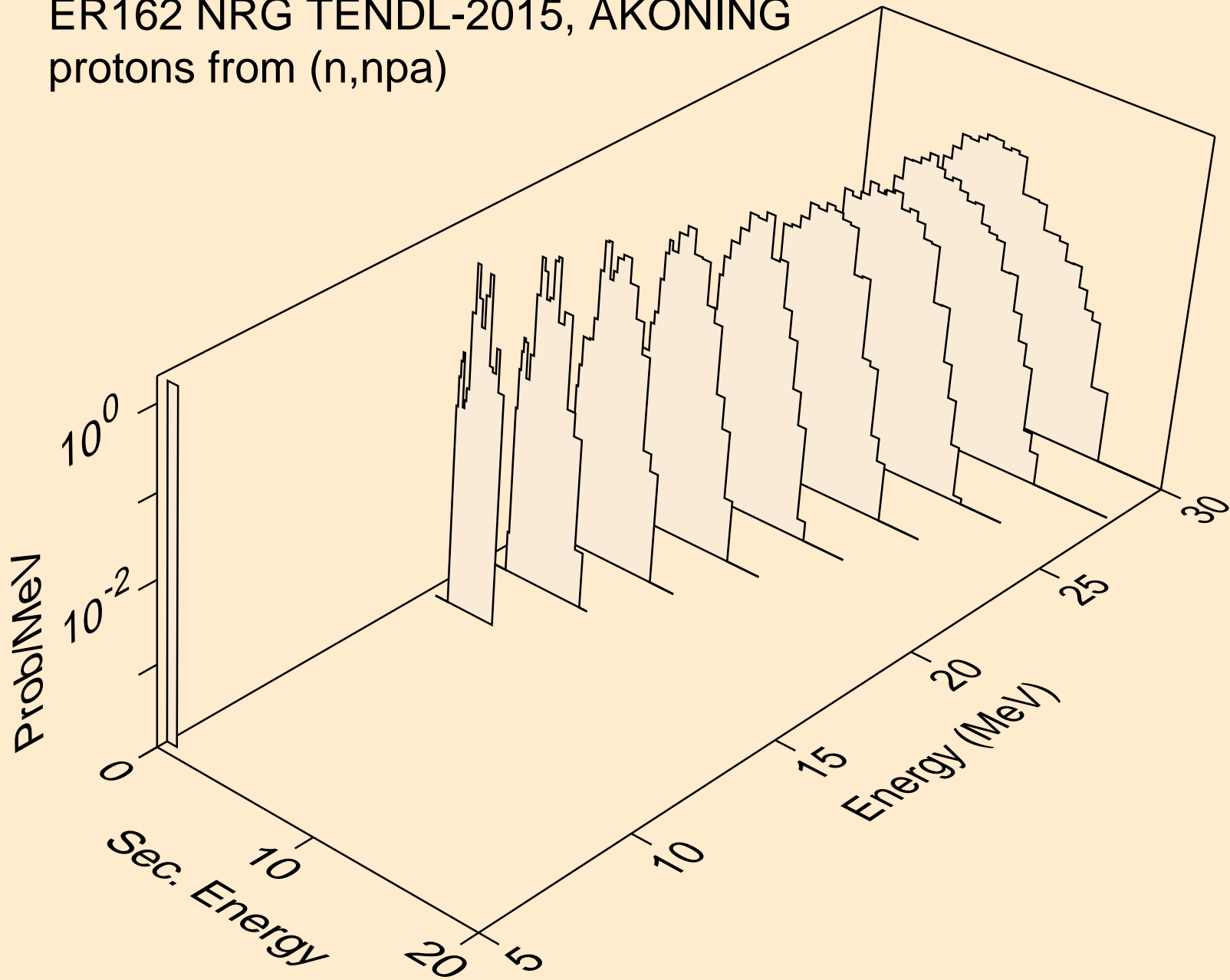
ER162 NRG TENDL-2015, AKONING  
protons from (n,3np)



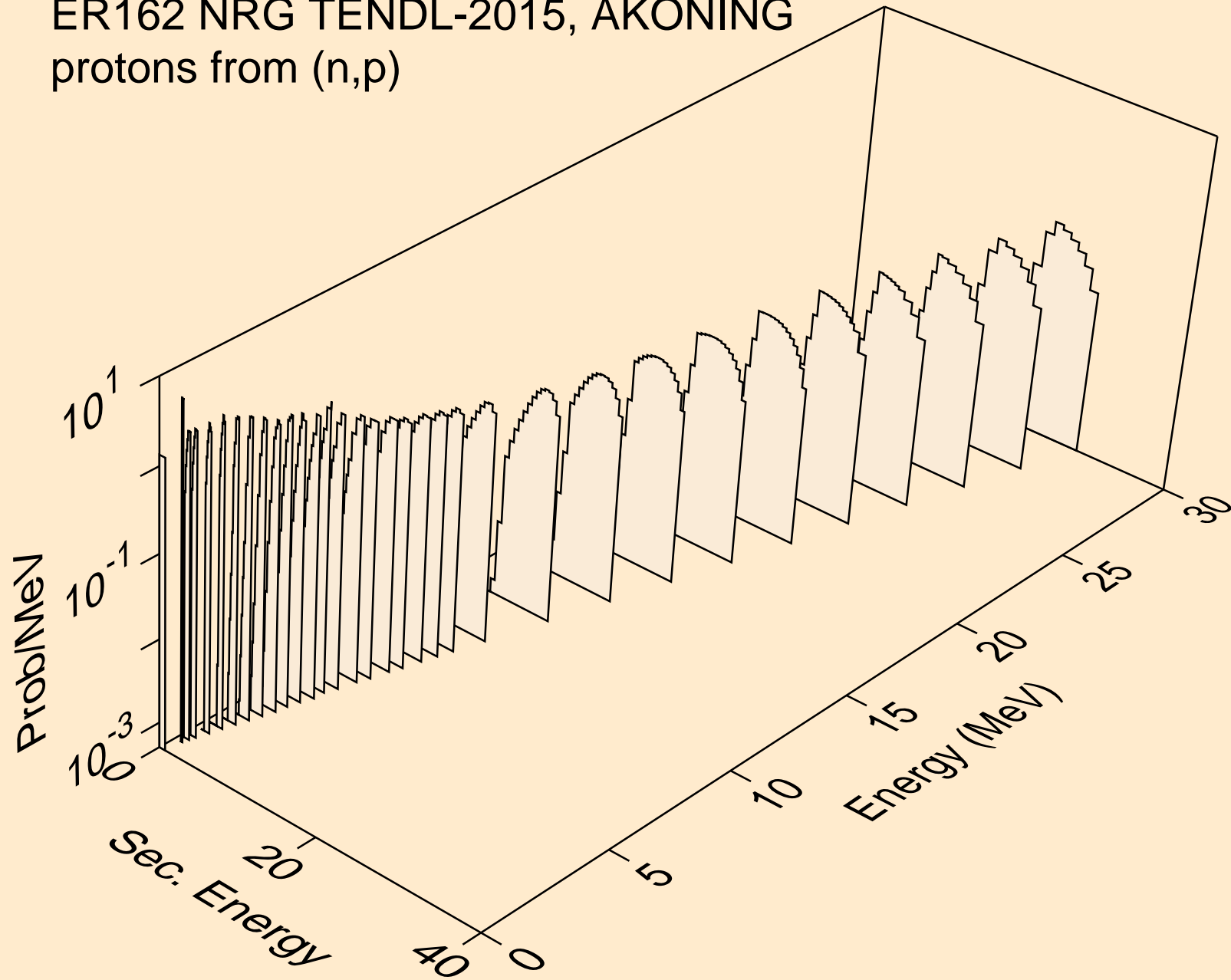
ER162 NRG TENDL-2015, AKONING  
protons from (n,2np)



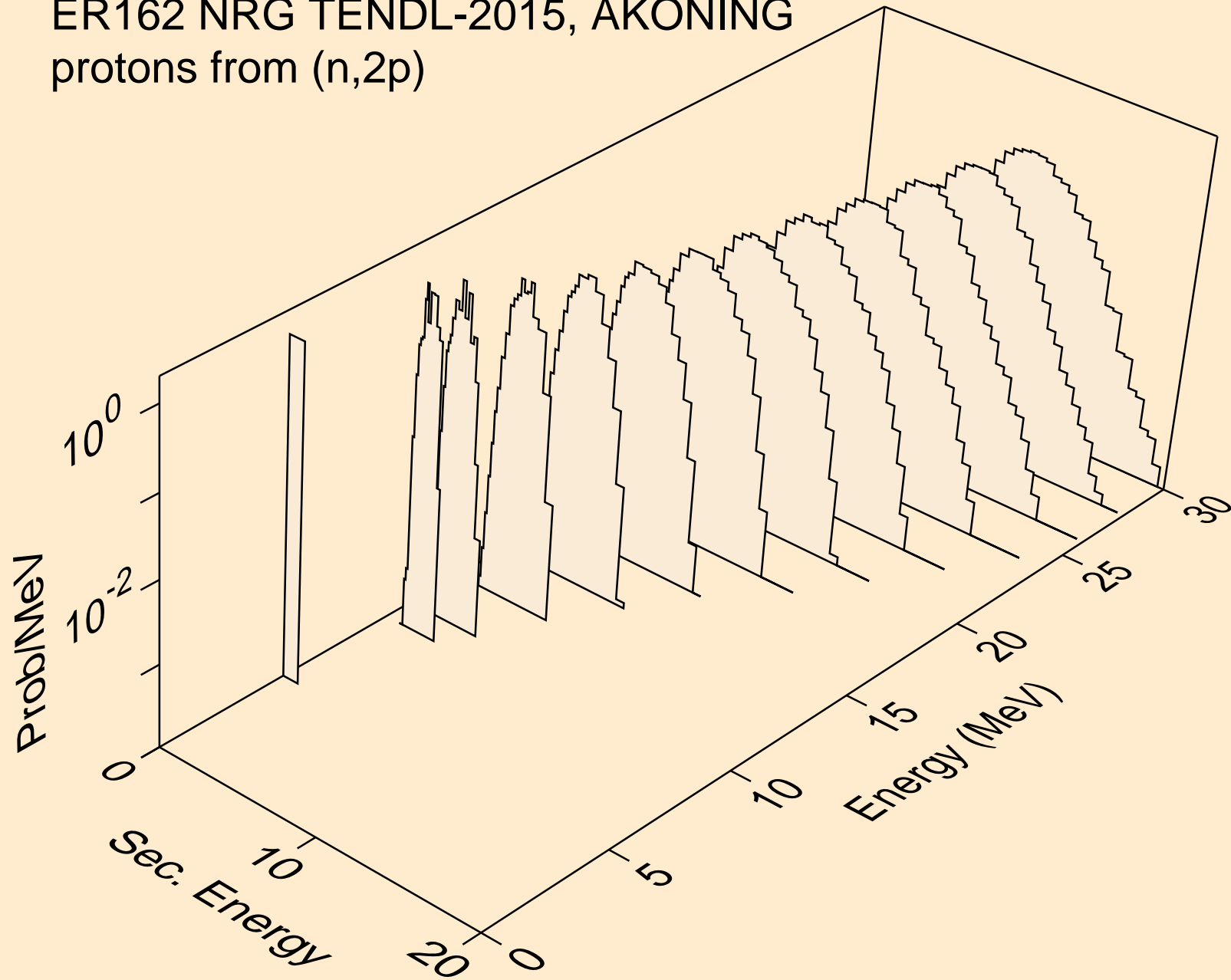
ER162 NRG TENDL-2015, AKONING  
protons from (n,npa)



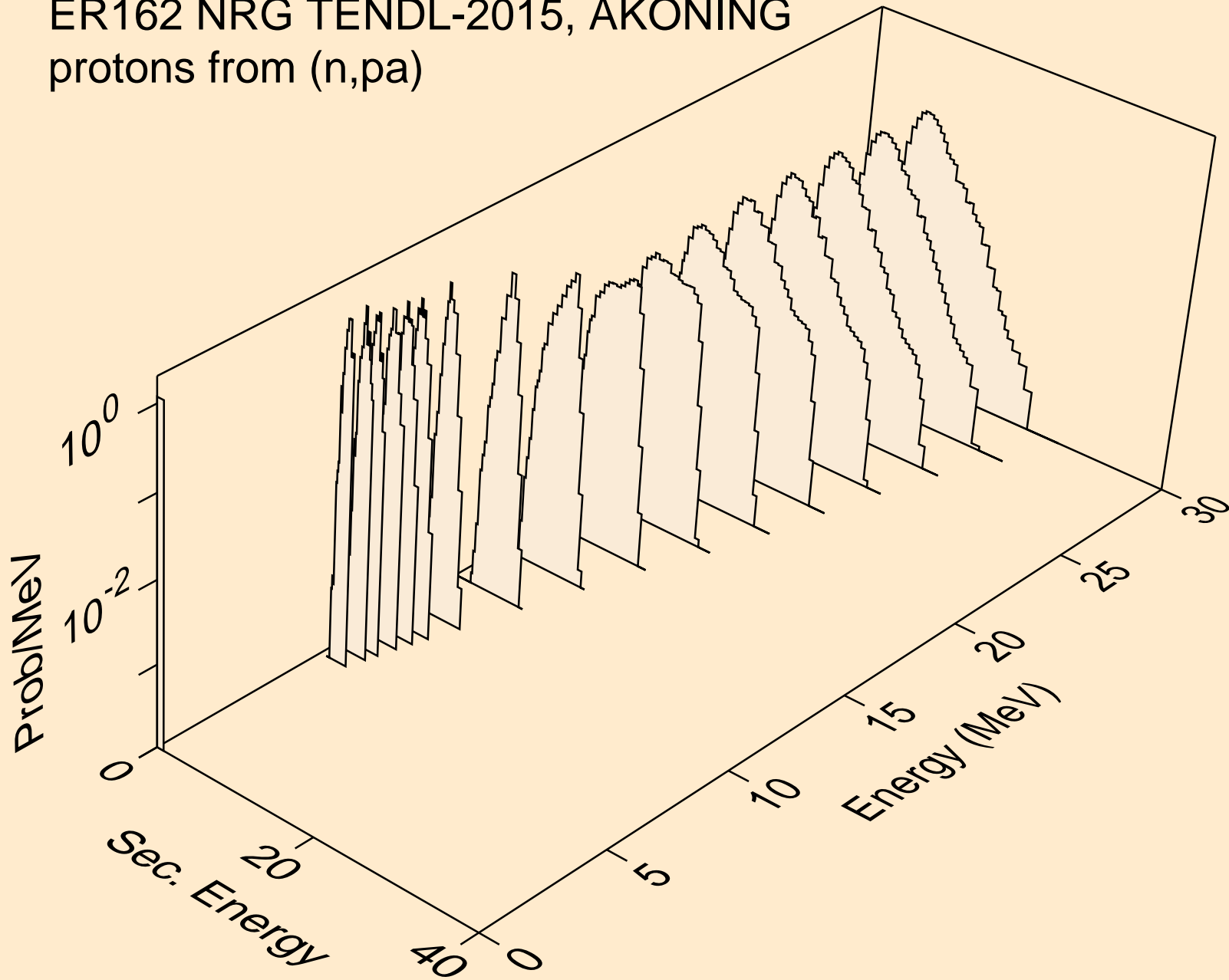
ER162 NRG TENDL-2015, AKONING  
protons from (n,p)



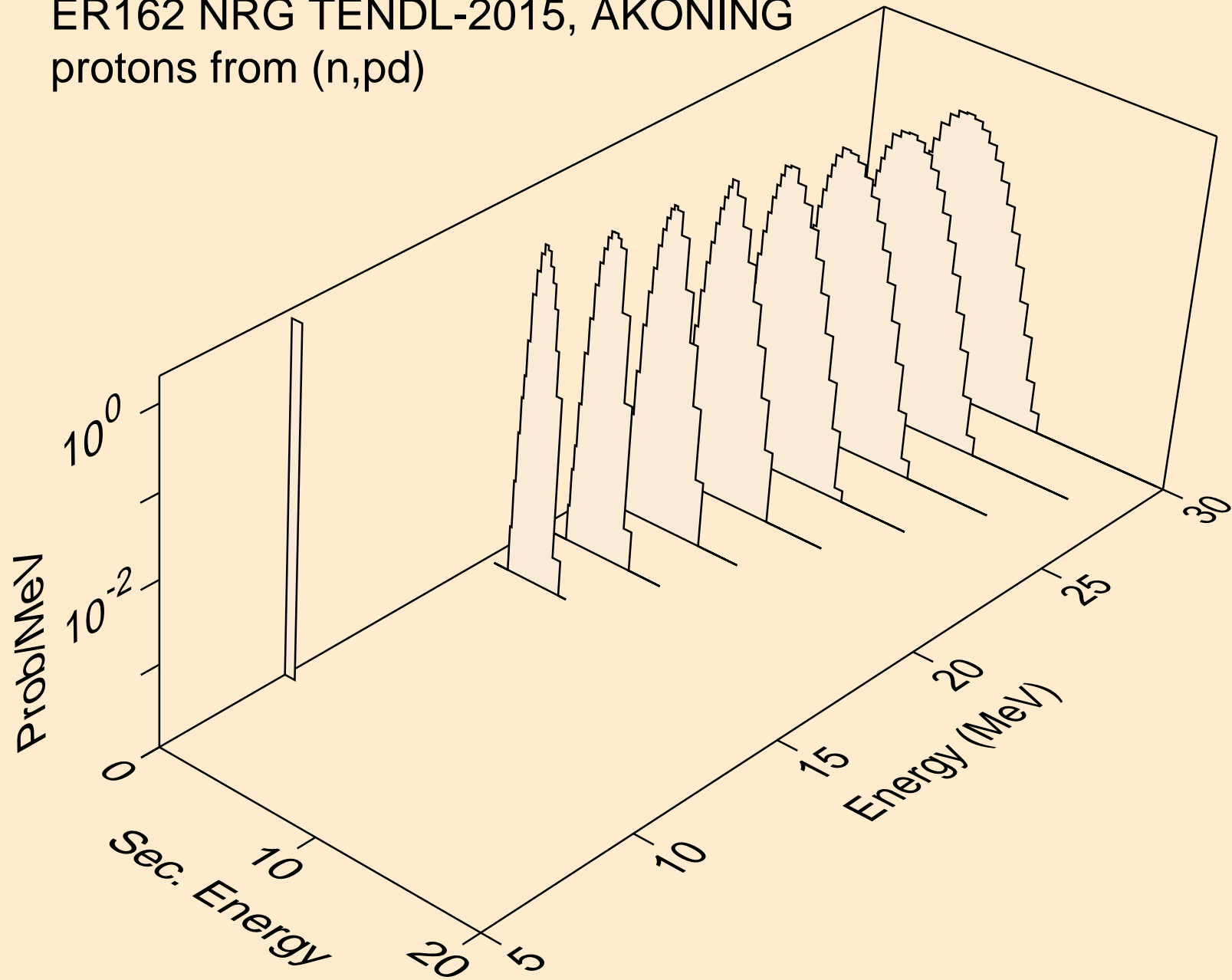
ER162 NRG TENDL-2015, AKONING  
protons from (n,2p)



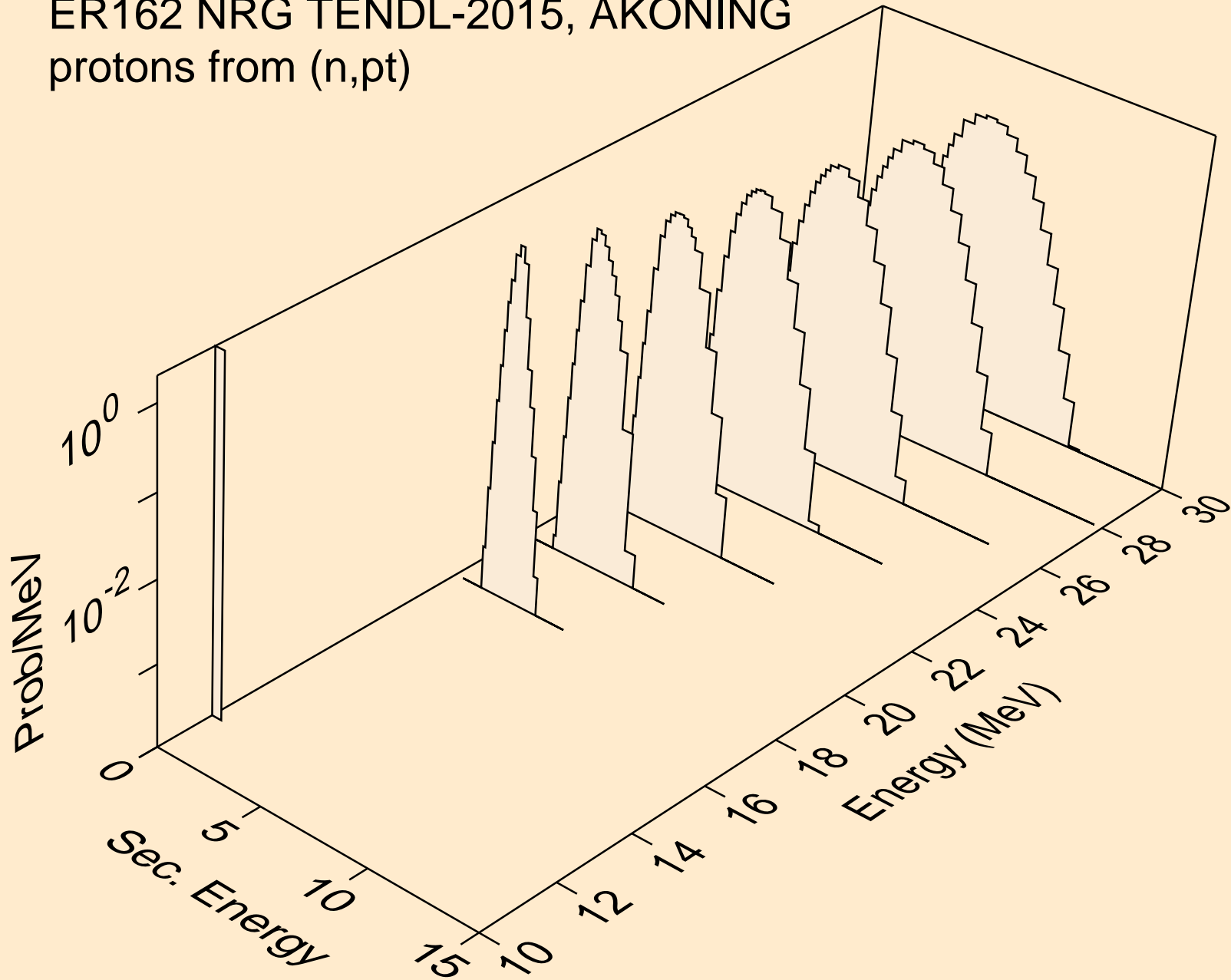
ER162 NRG TENDL-2015, AKONING  
protons from (n,pa)



ER162 NRG TENDL-2015, AKONING  
protons from (n,pd)

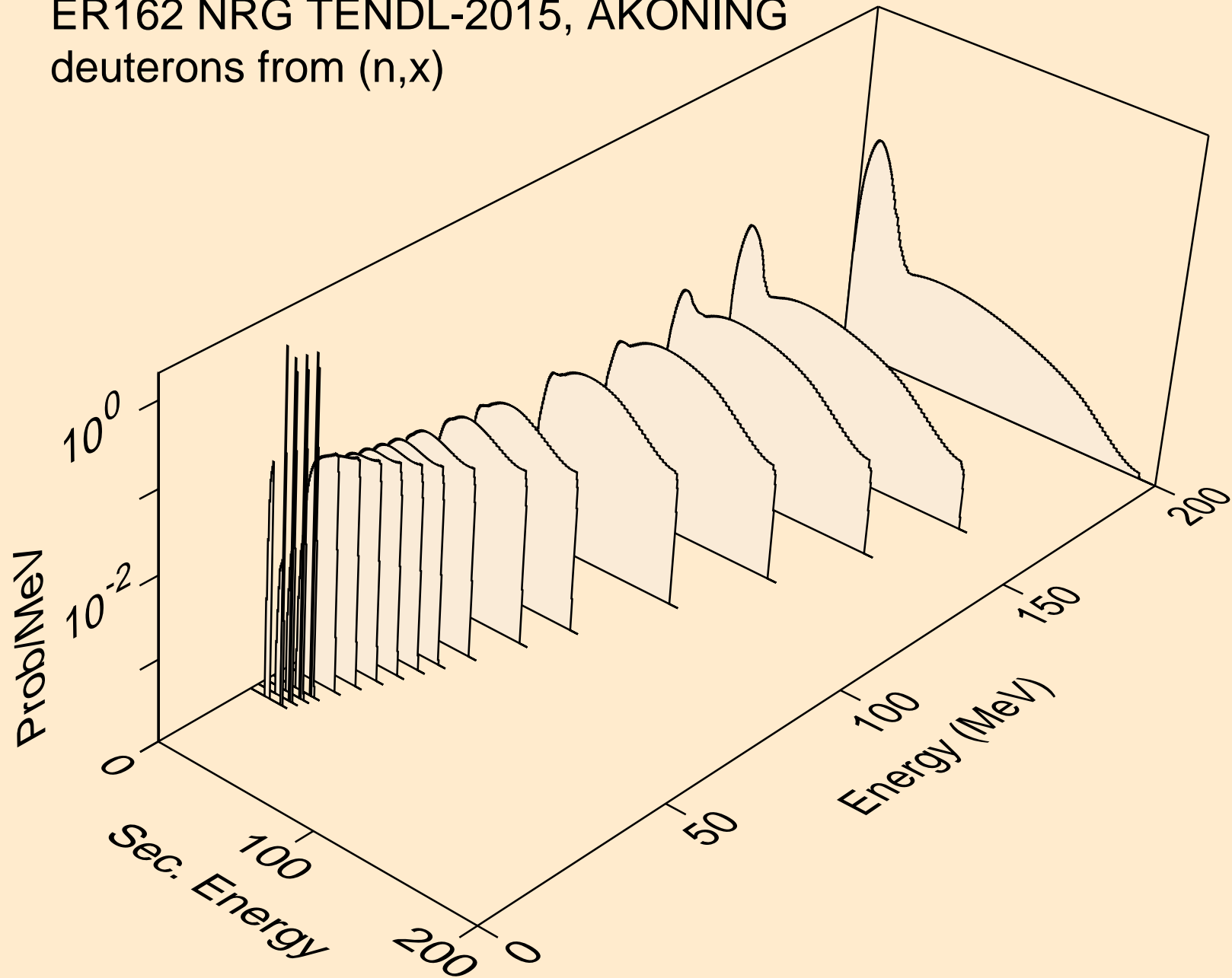


ER162 NRG TENDL-2015, AKONING  
protons from (n,pt)

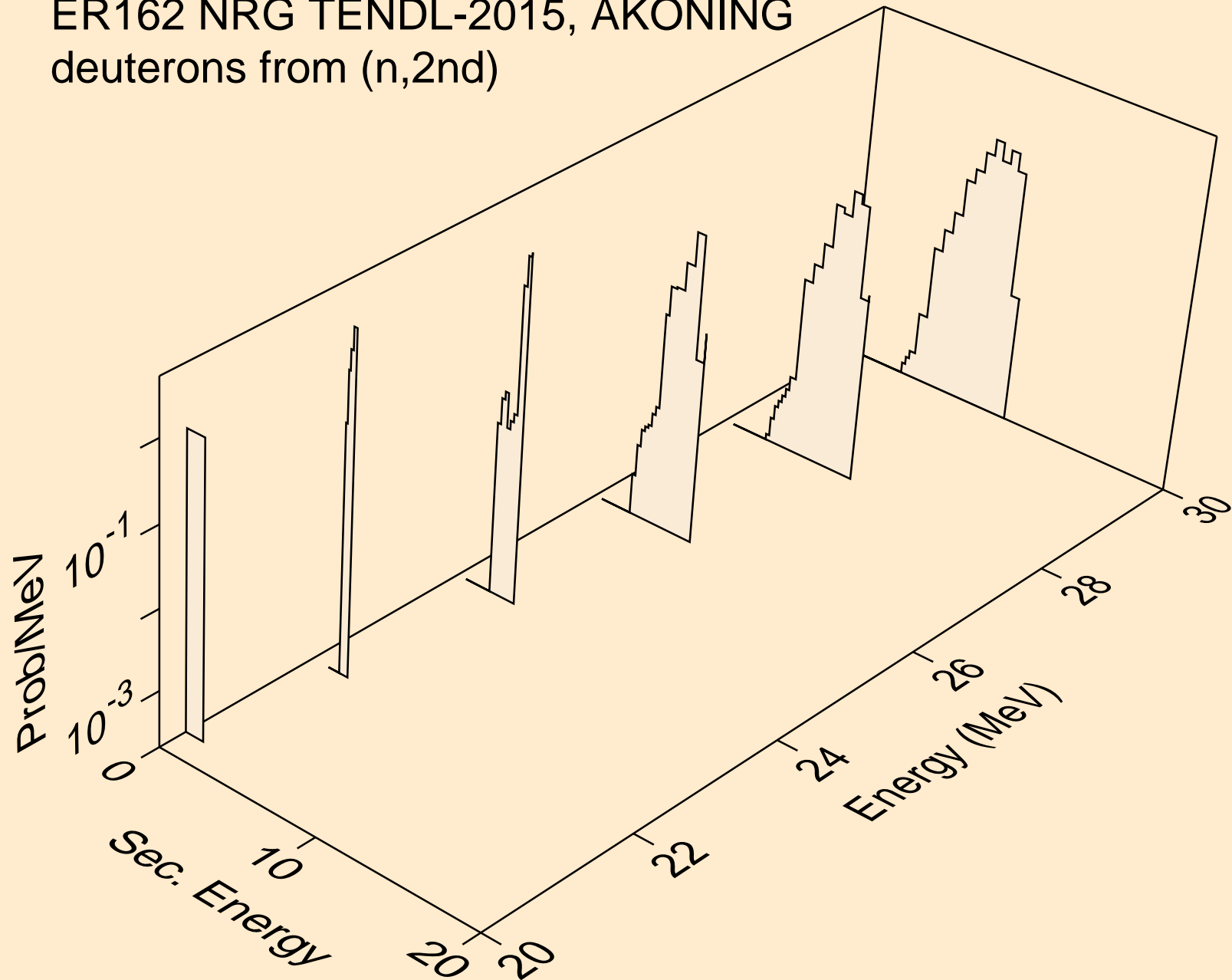




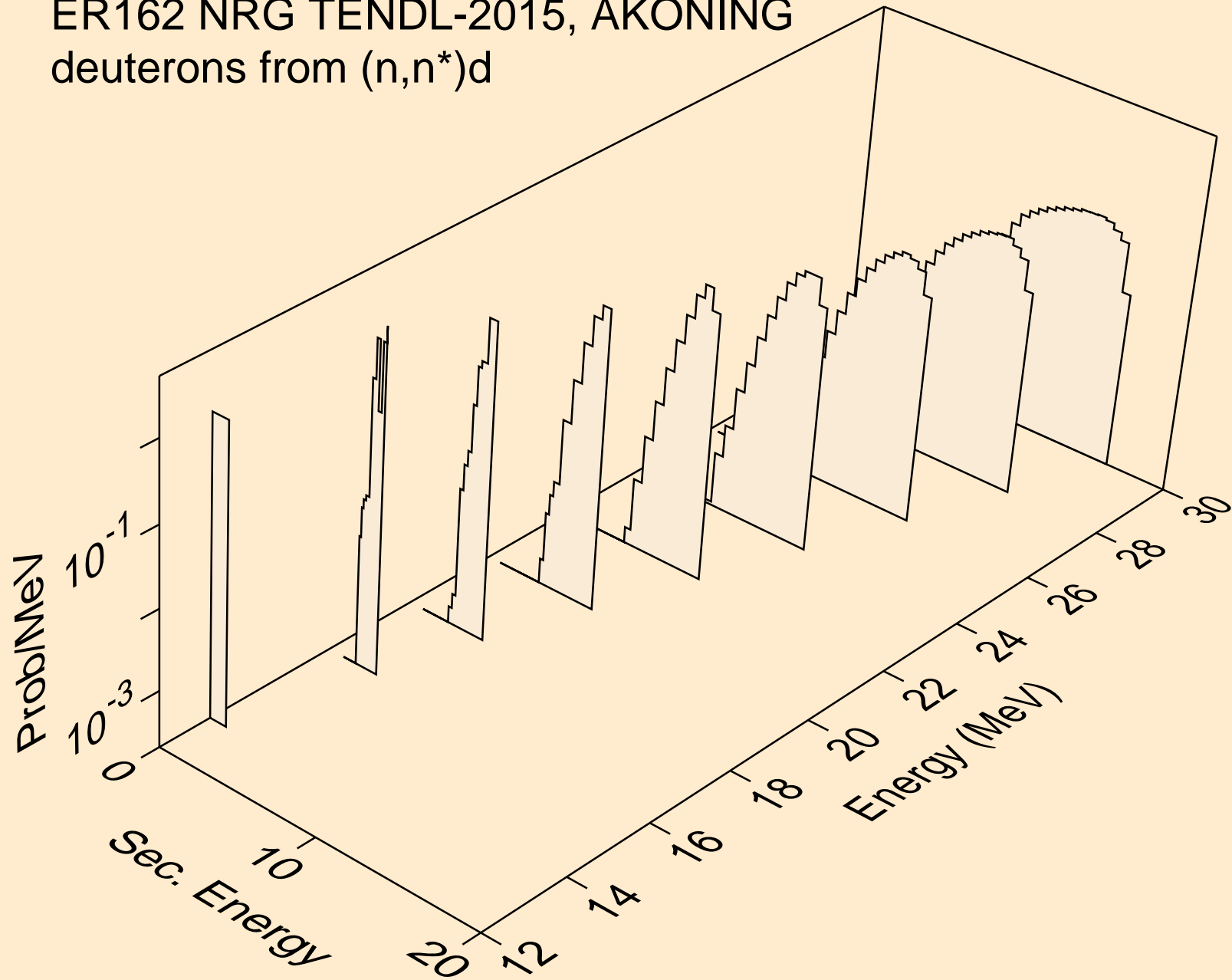
ER162 NRG TENDL-2015, AKONING  
deuterons from (n,x)



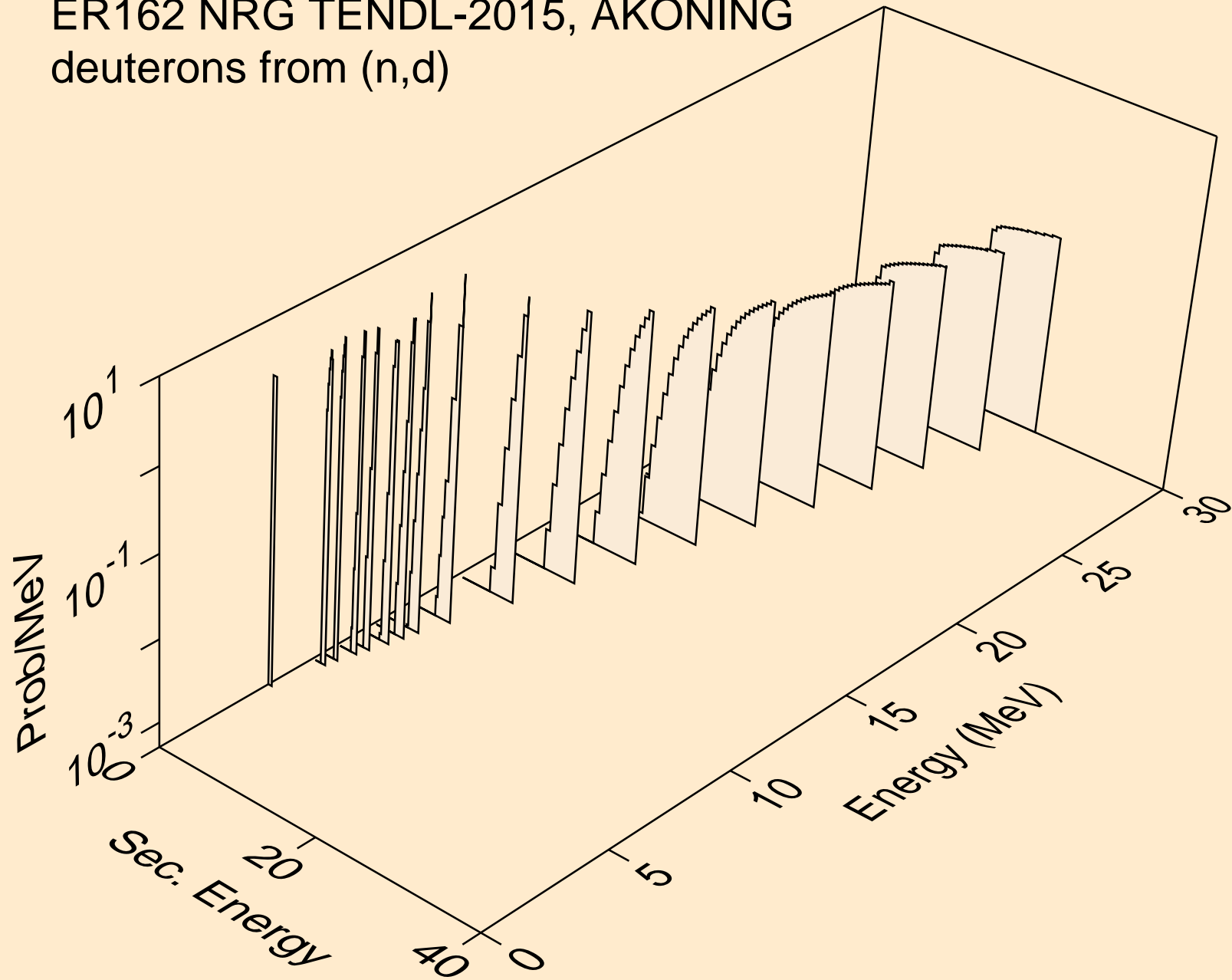
ER162 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



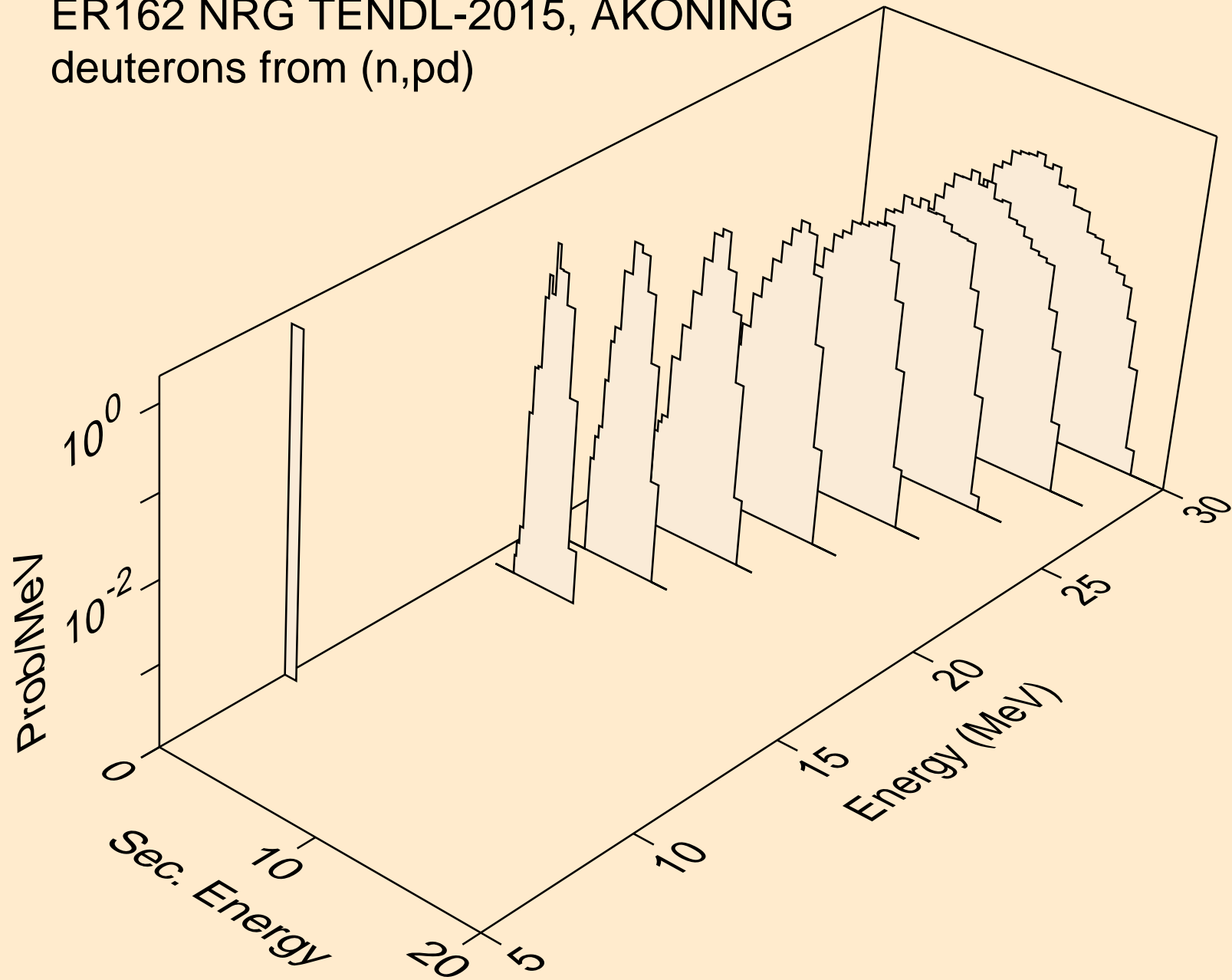
ER162 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



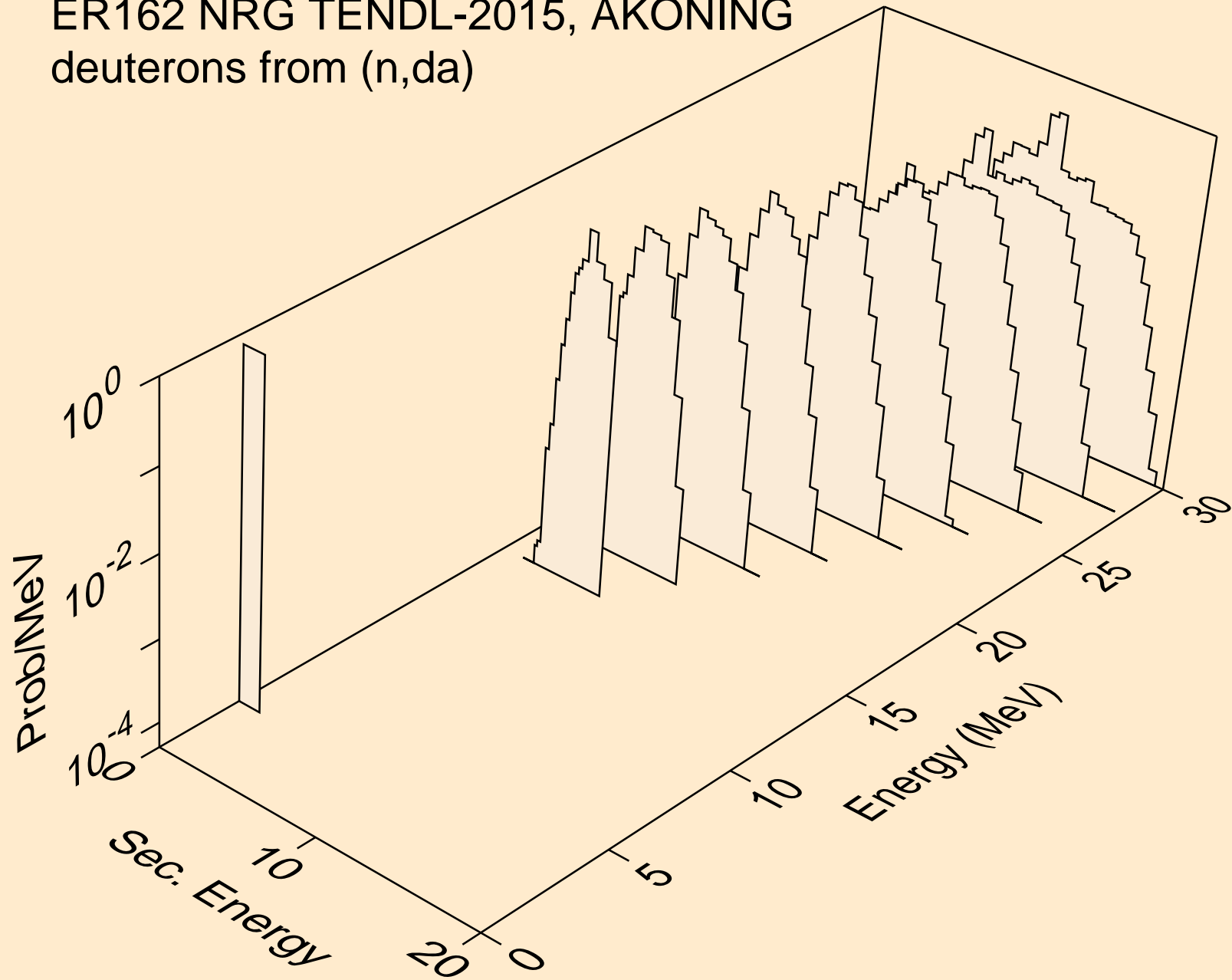
ER162 NRG TENDL-2015, AKONING  
deuterons from (n,d)



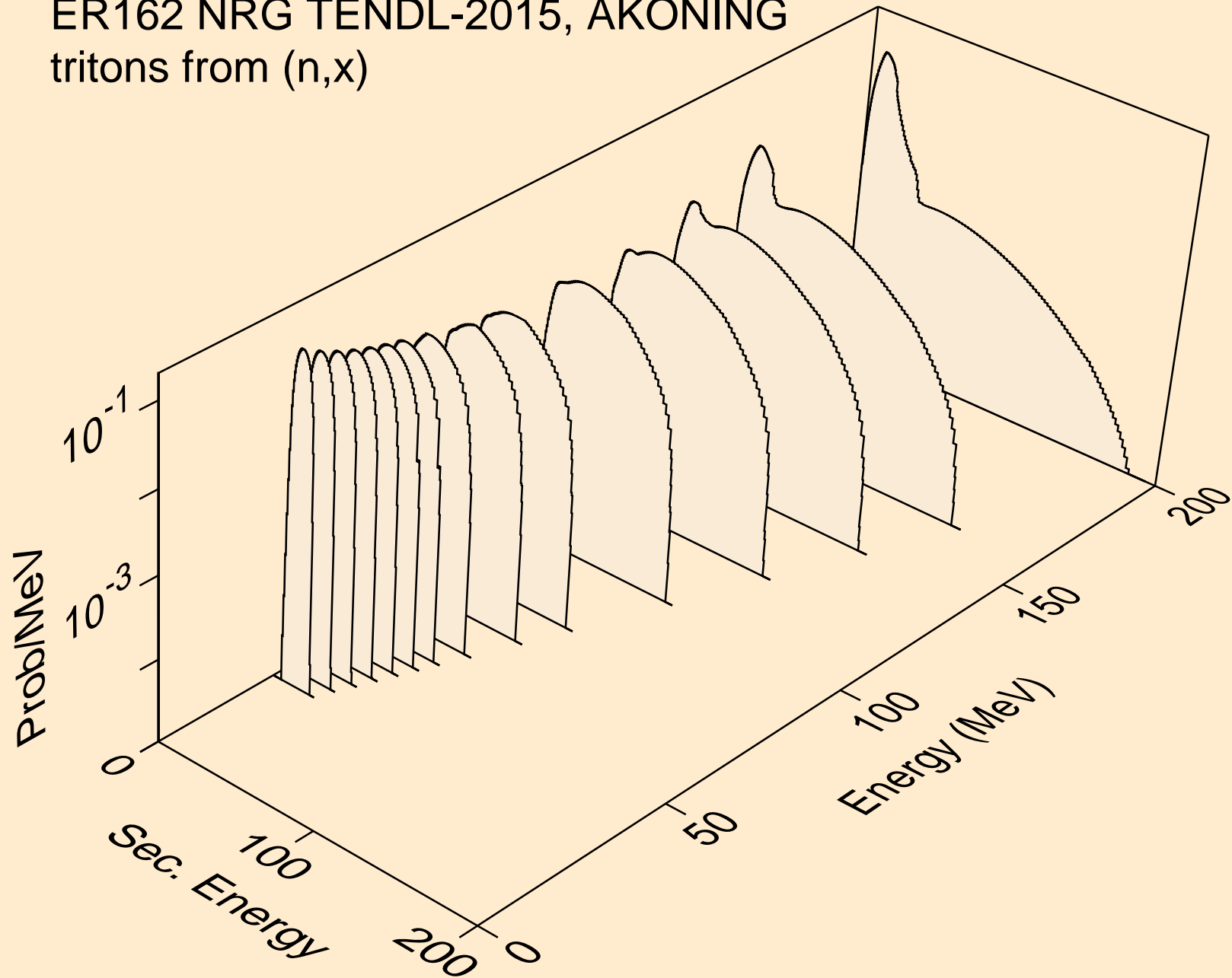
ER162 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



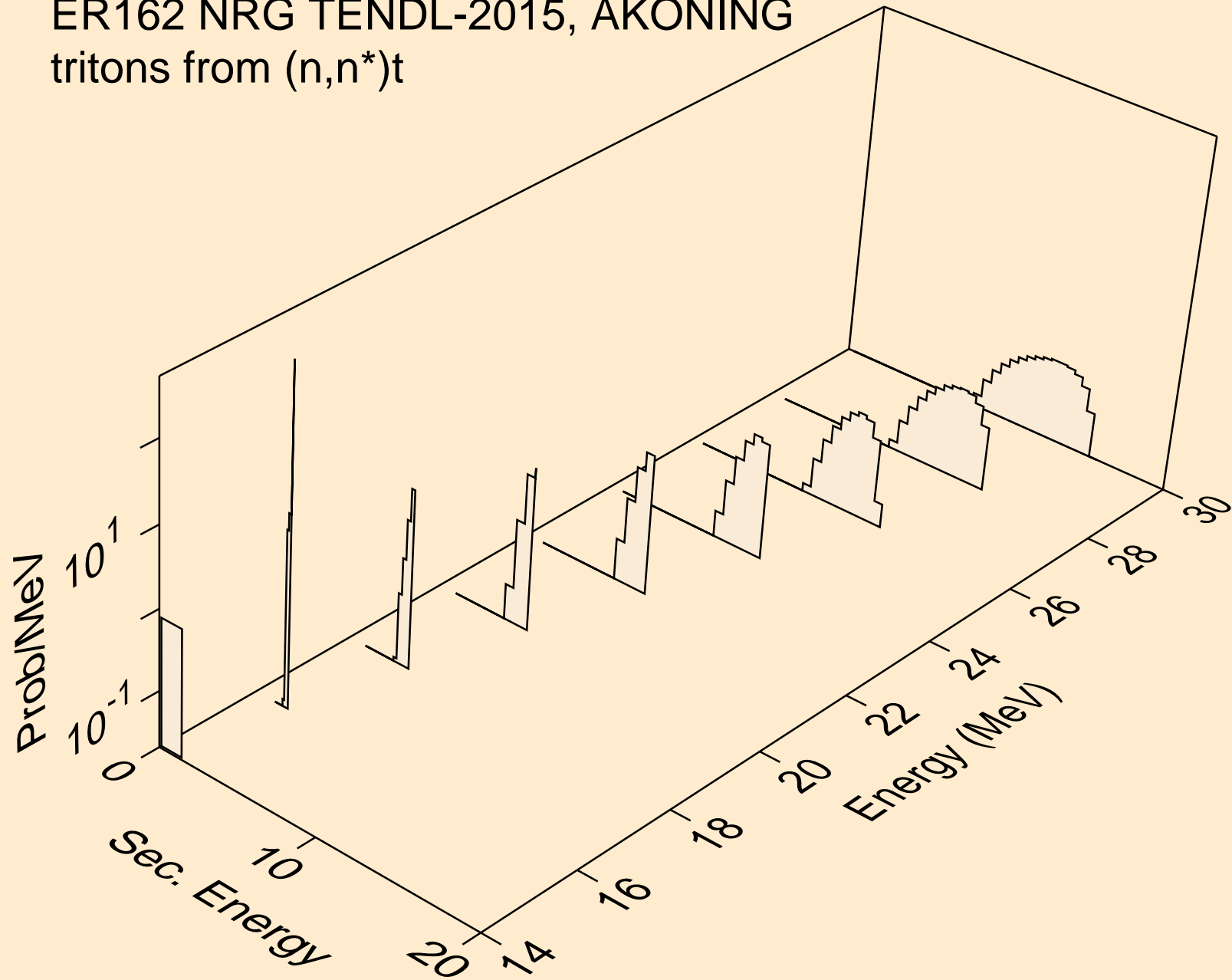
ER162 NRG TENDL-2015, AKONING  
deuterons from (n,da)



ER162 NRG TENDL-2015, AKONING  
tritons from (n,x)

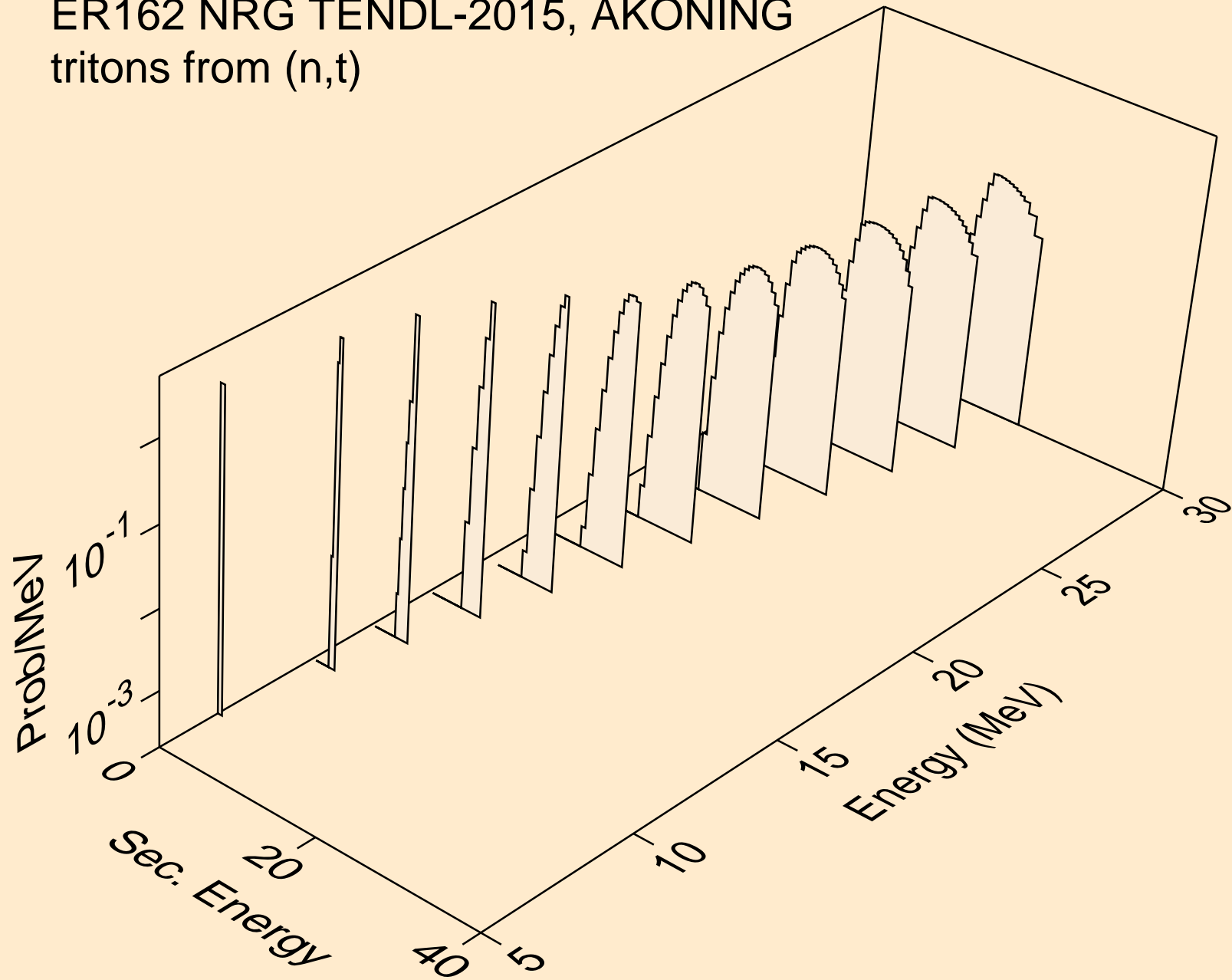


ER162 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

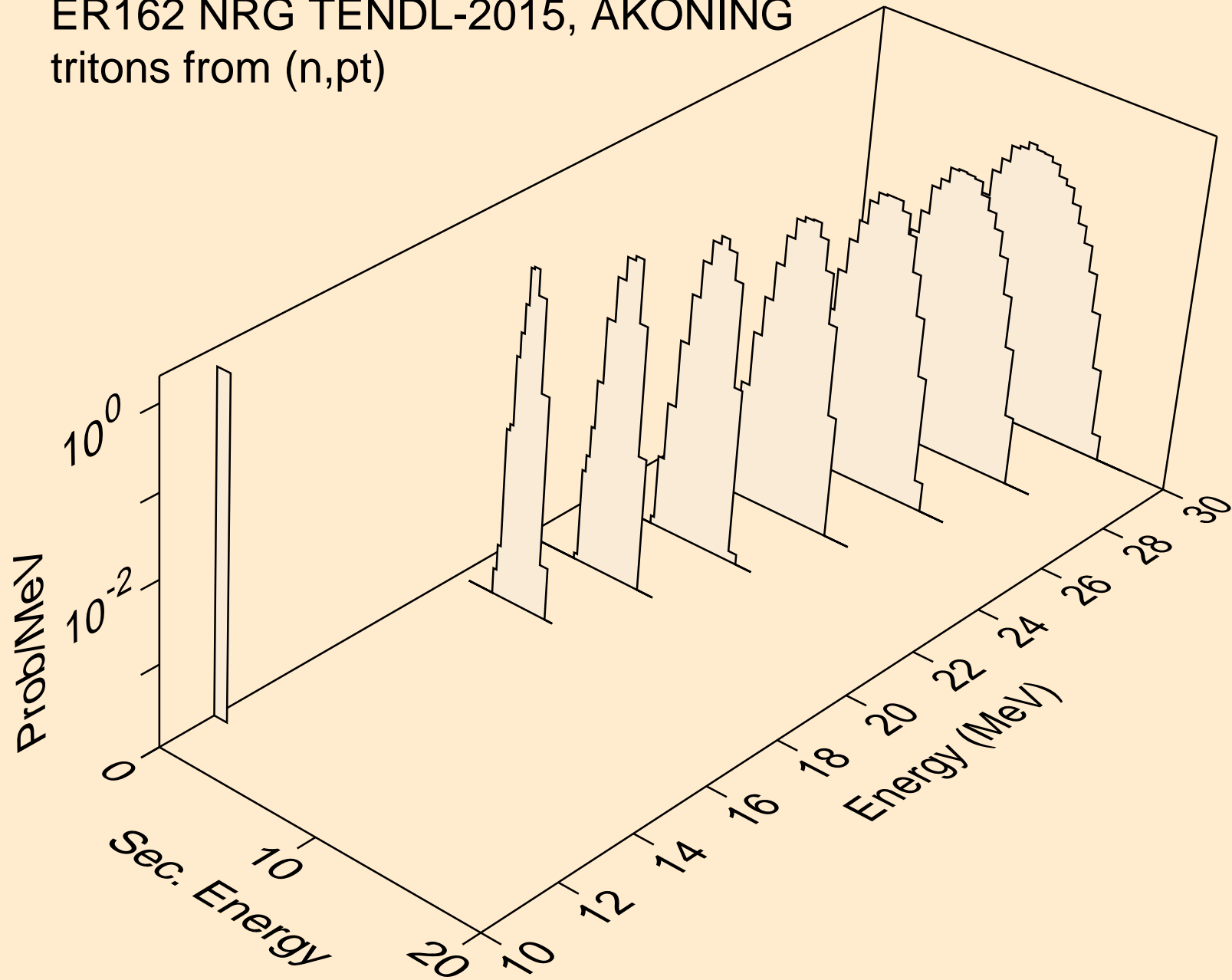




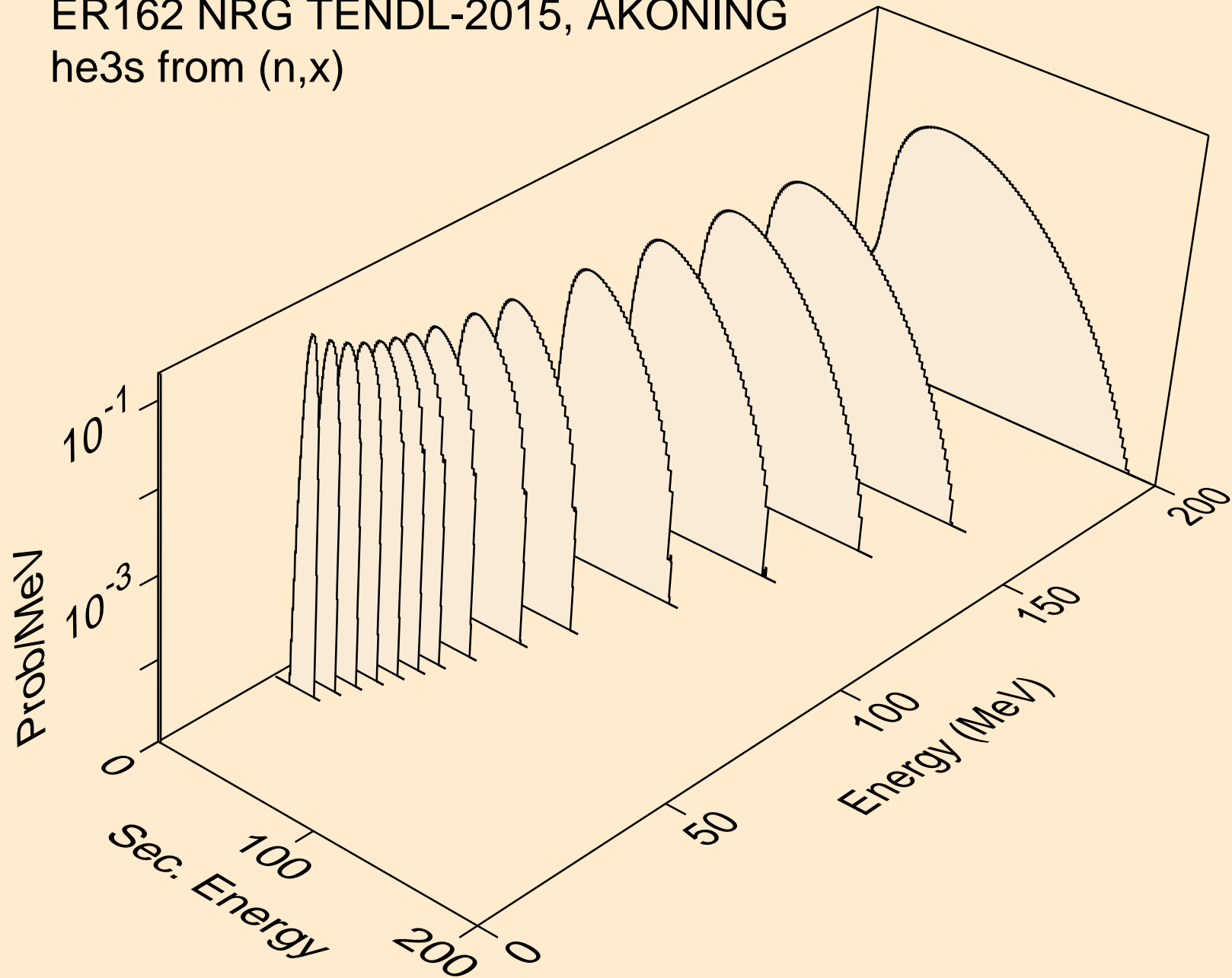
ER162 NRG TENDL-2015, AKONING  
tritons from (n,t)



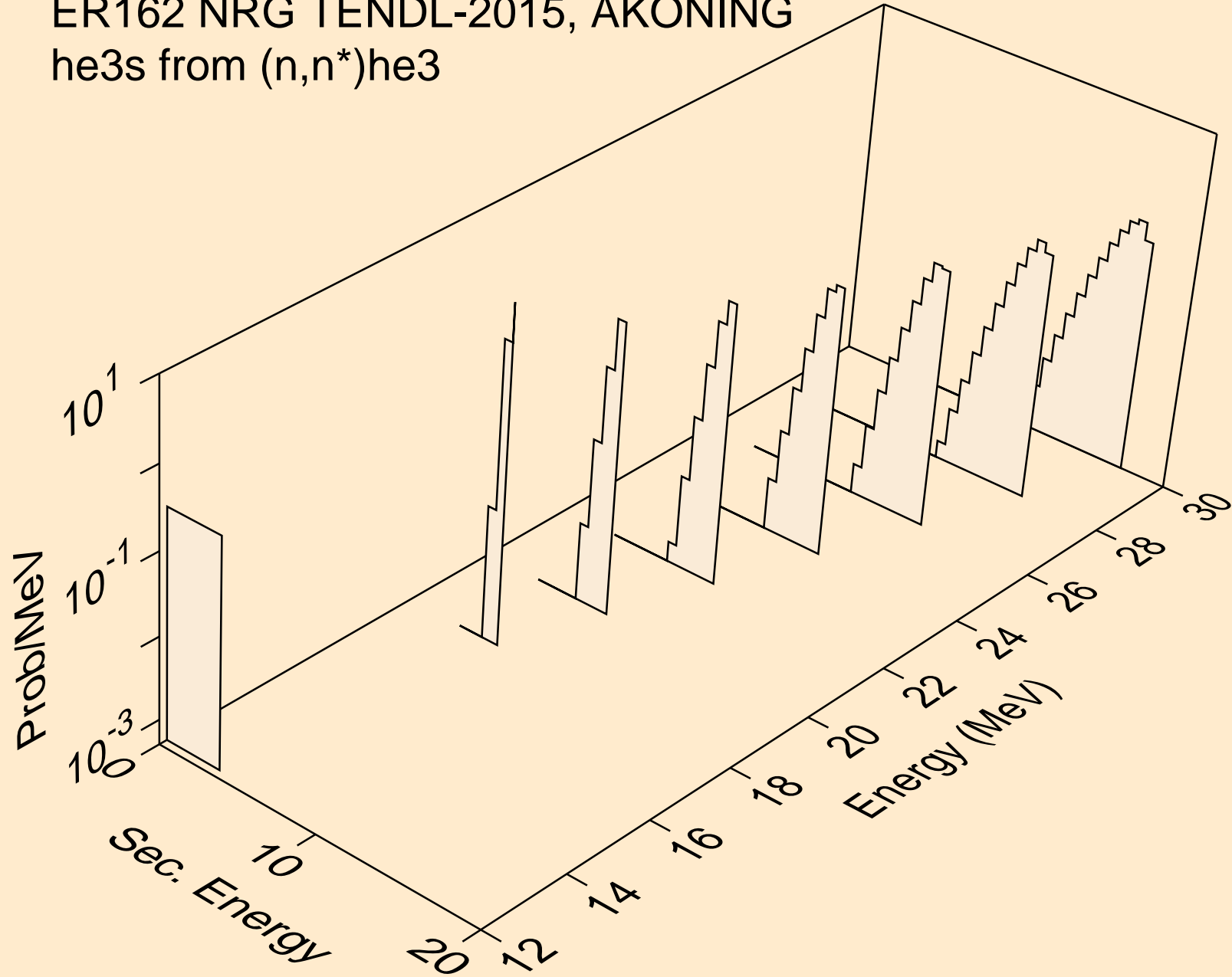
ER162 NRG TENDL-2015, AKONING  
tritons from (n,pt)



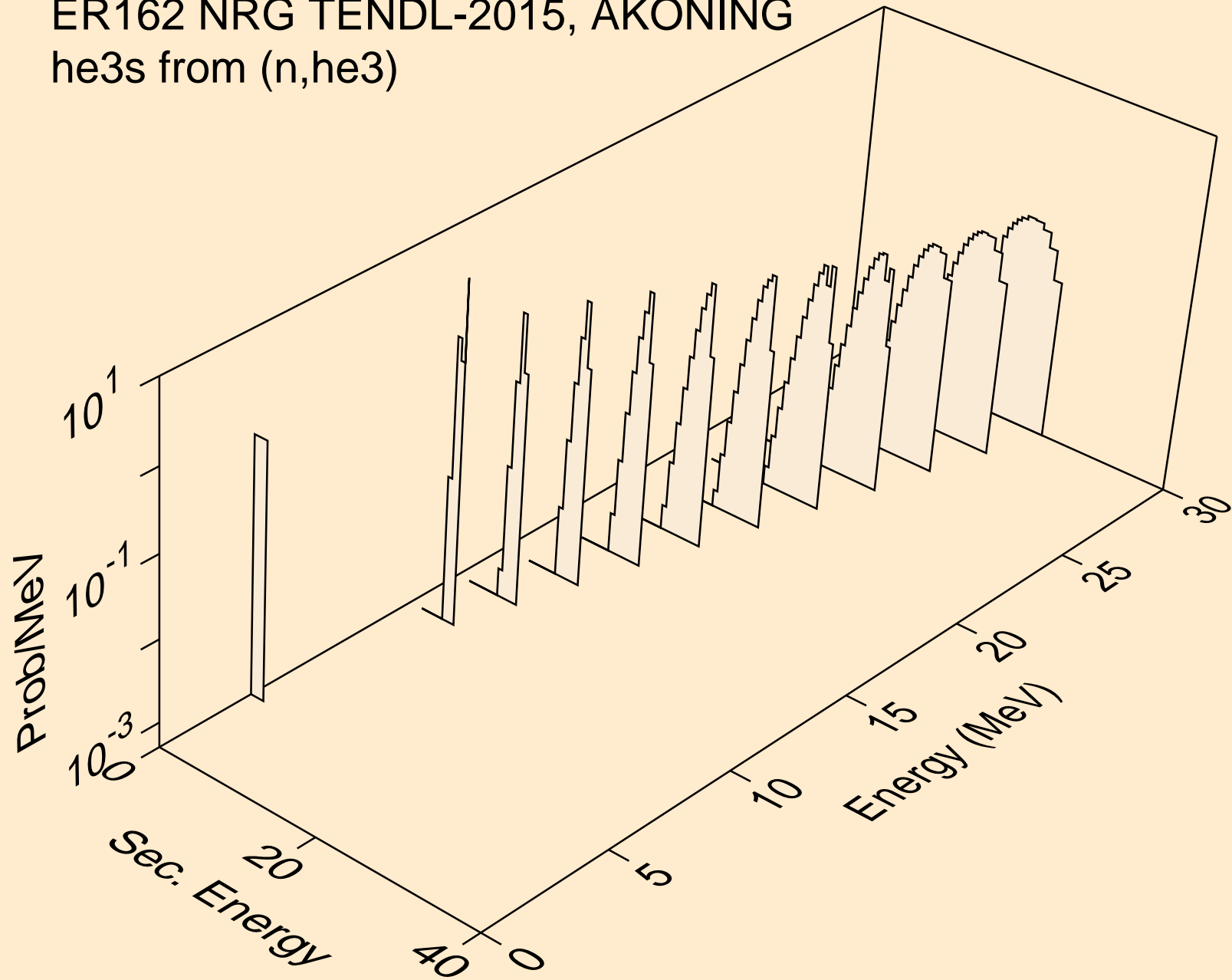
ER162 NRG TENDL-2015, AKONING  
he3s from (n,x)



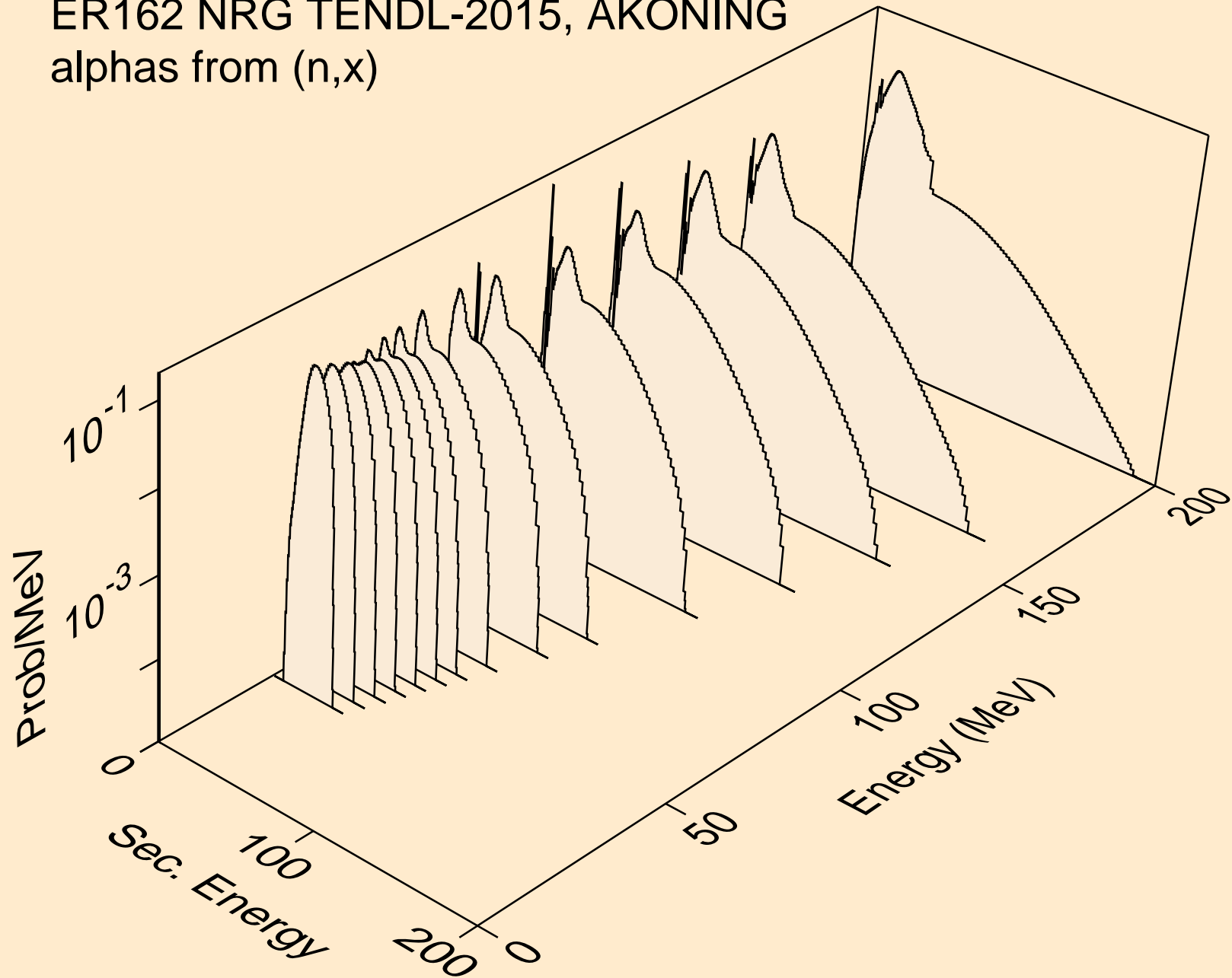
ER162 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



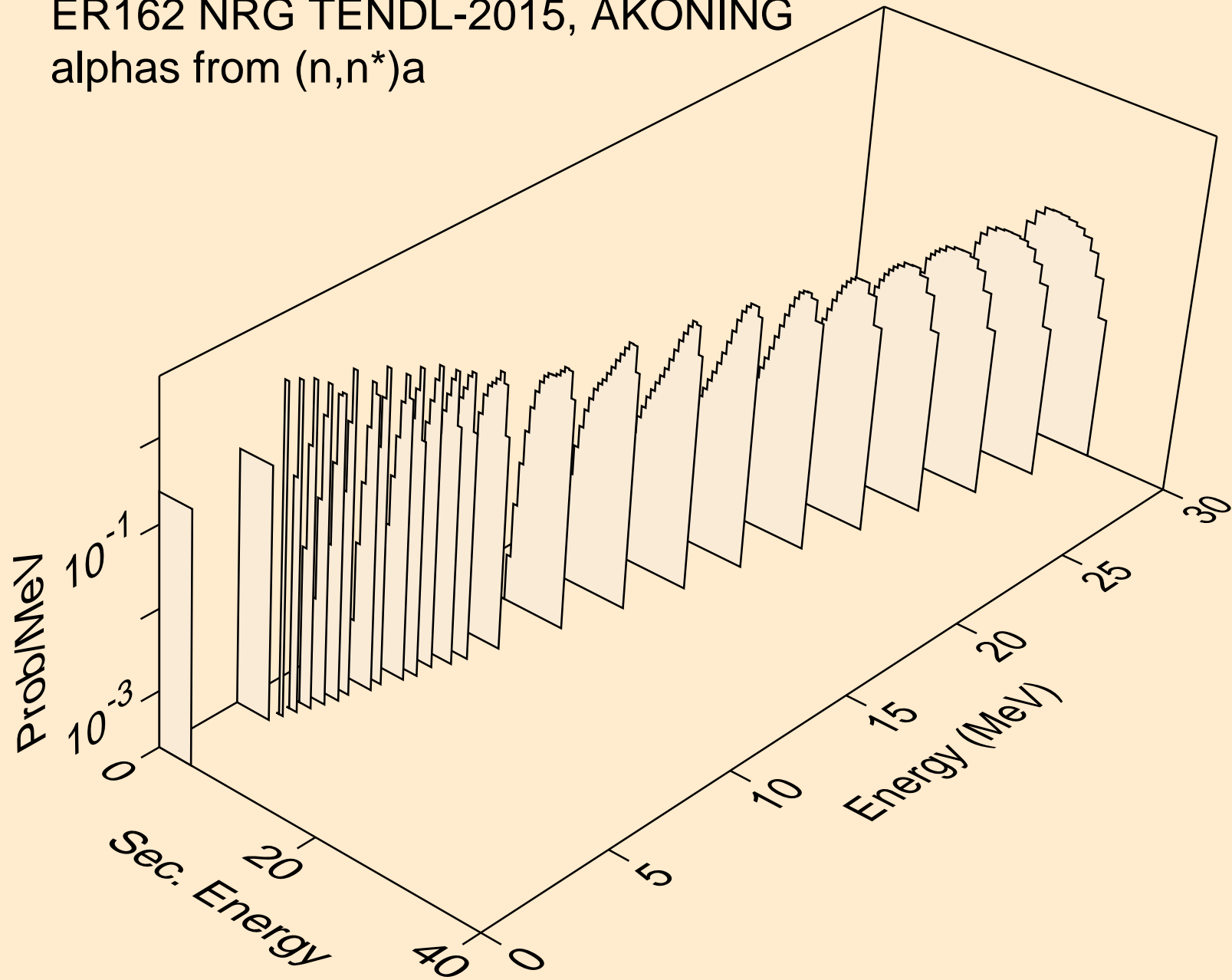
ER162 NRG TENDL-2015, AKONING  
he3s from (n,he3)



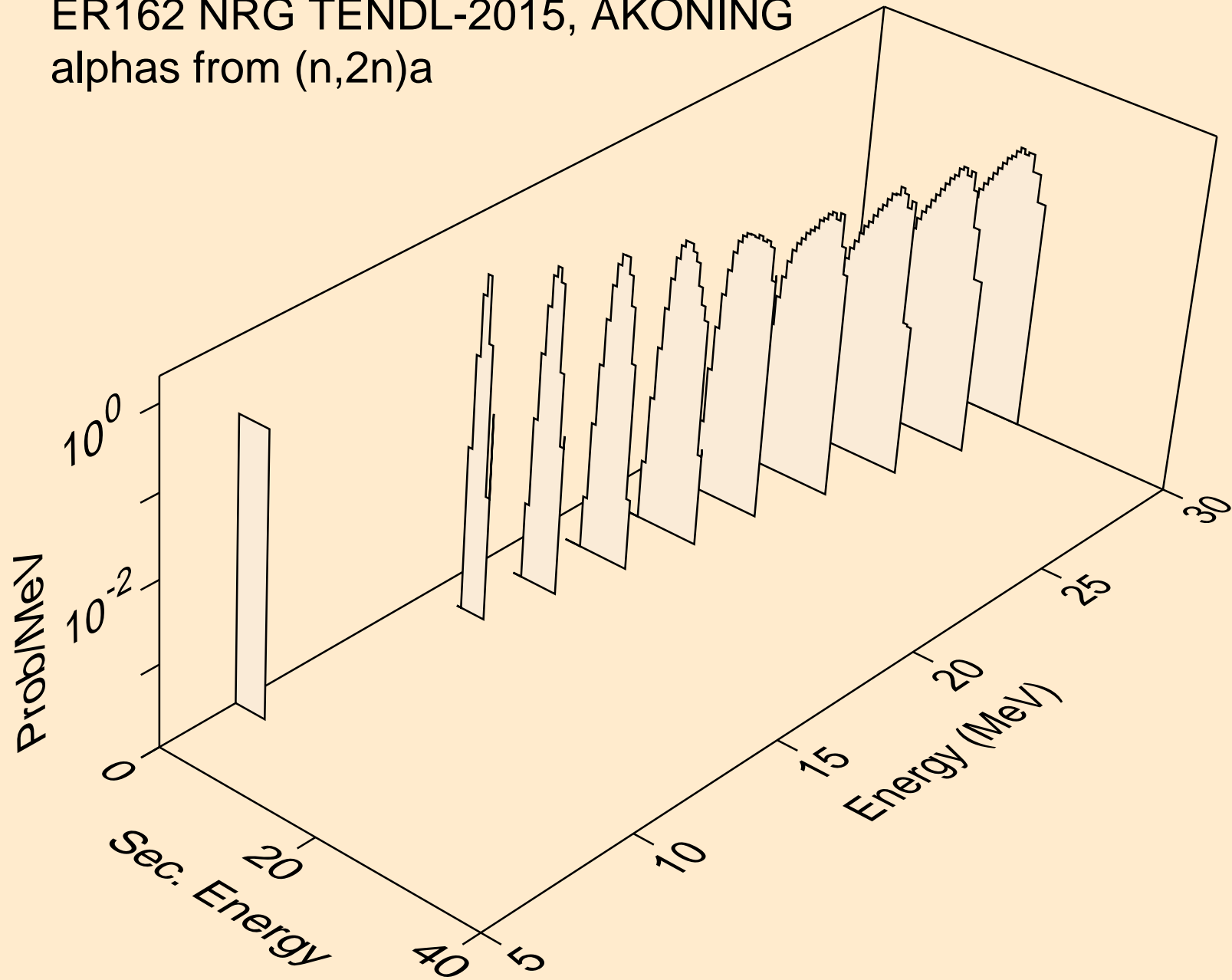
ER162 NRG TENDL-2015, AKONING  
alphas from (n,x)



ER162 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

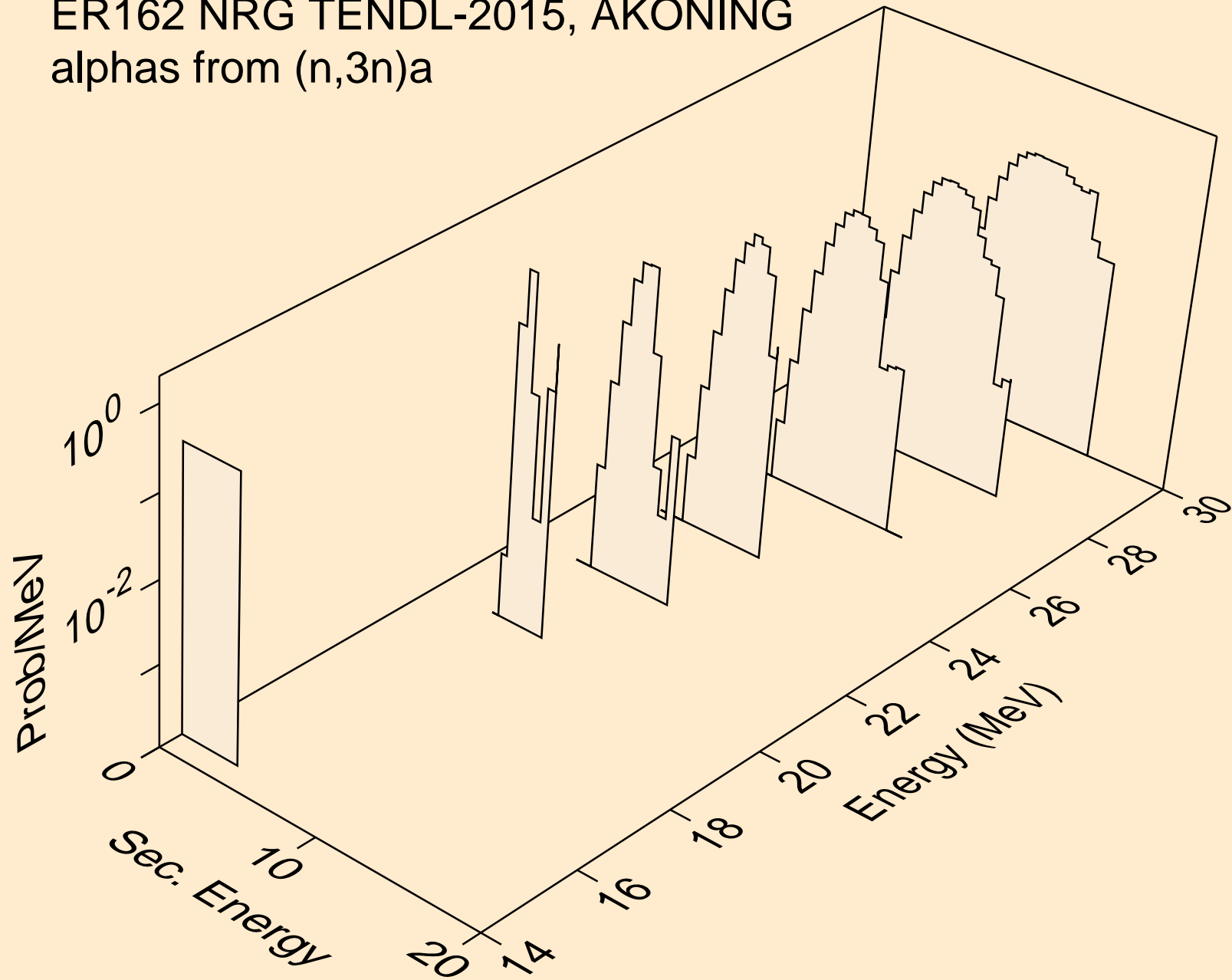


ER162 NRG TENDL-2015, AKONING  
alphas from (n,2n)a

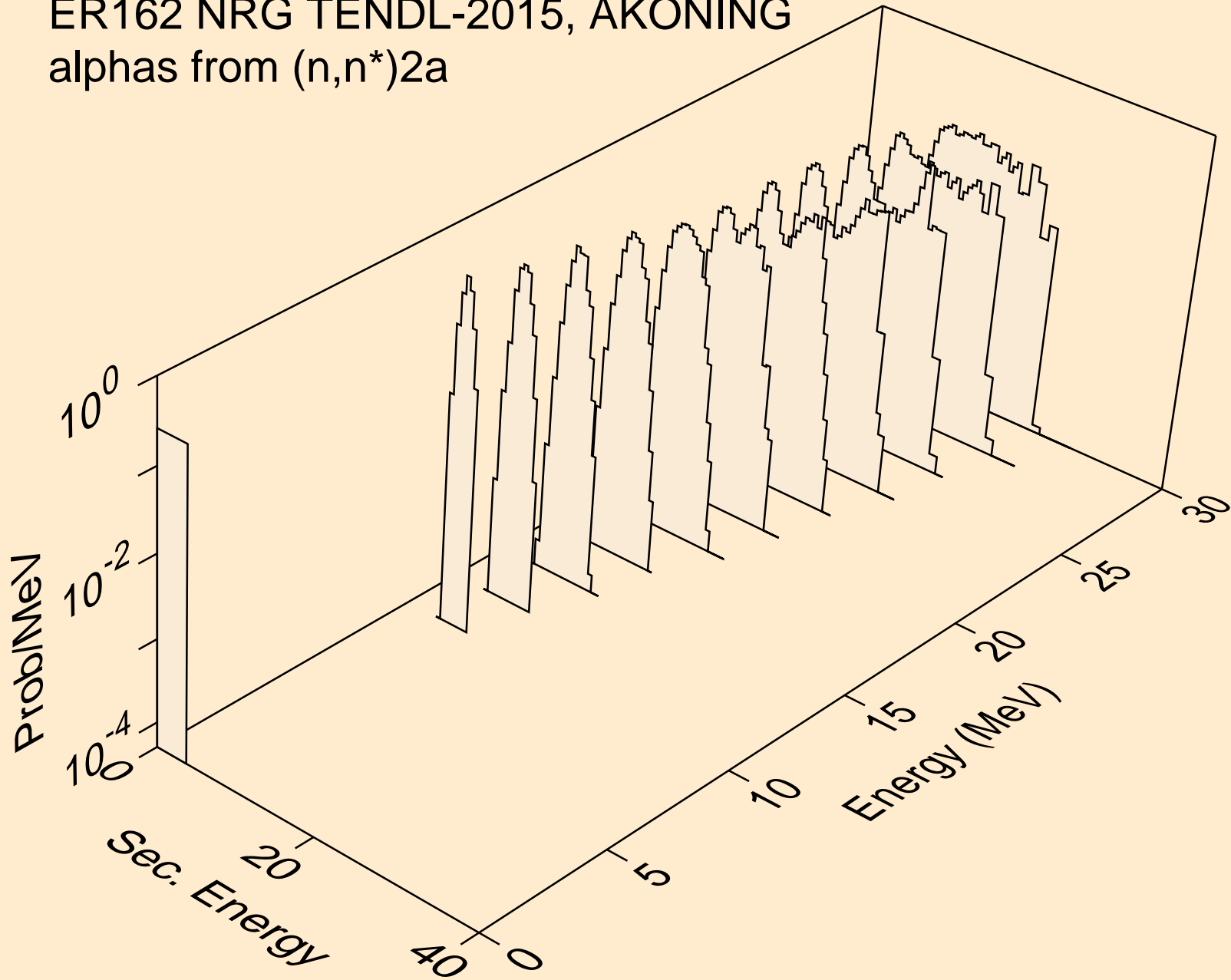




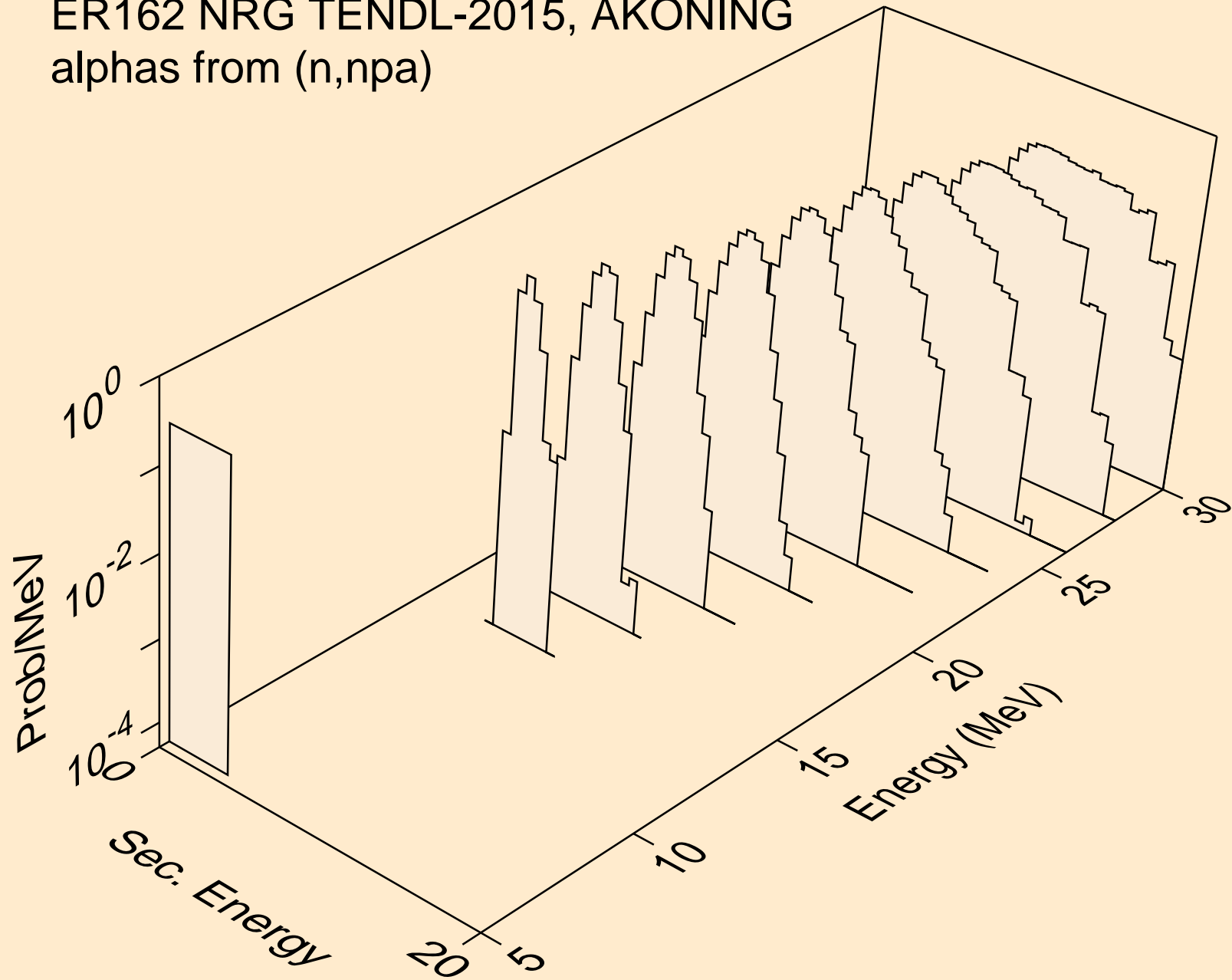
ER162 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



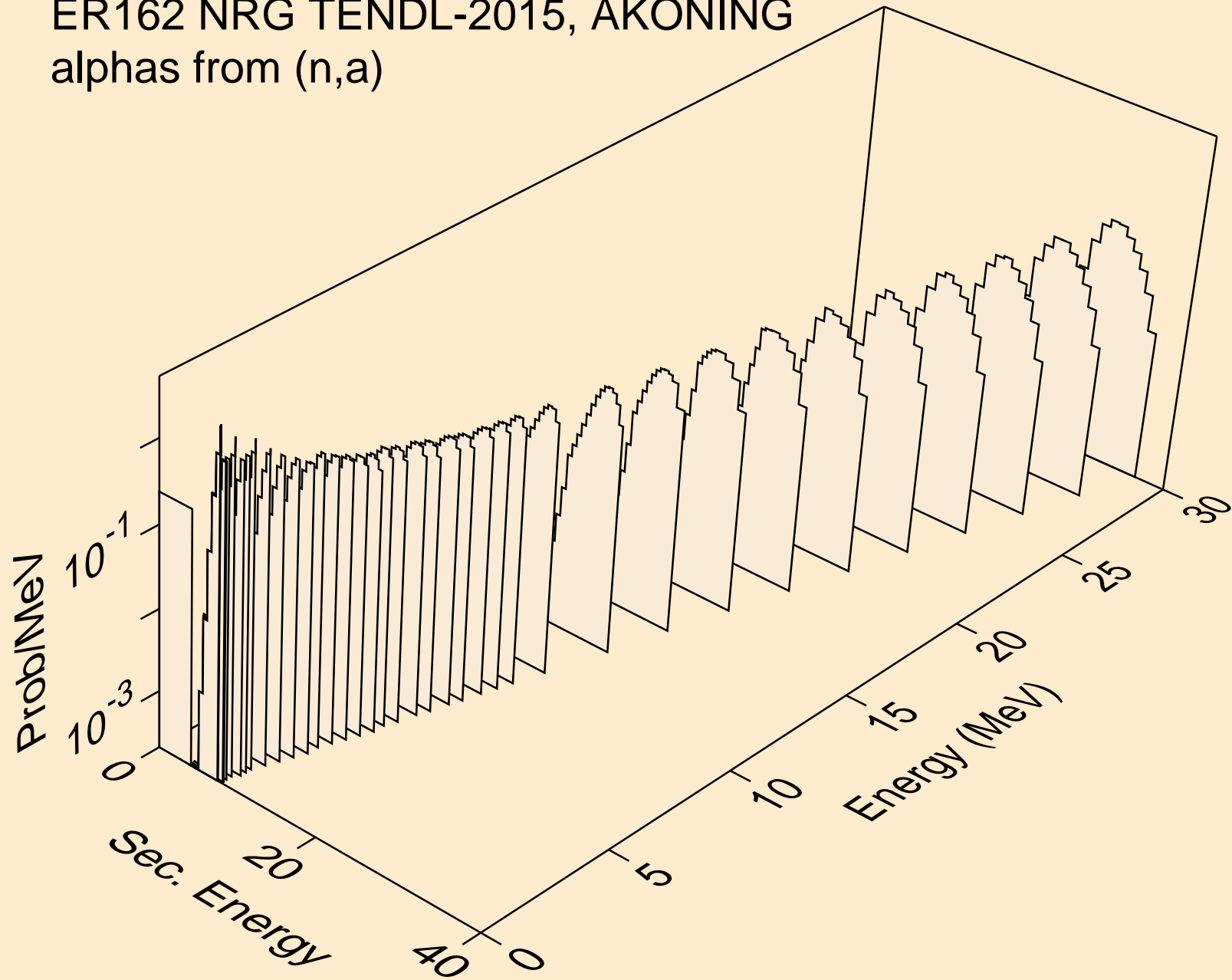
ER162 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



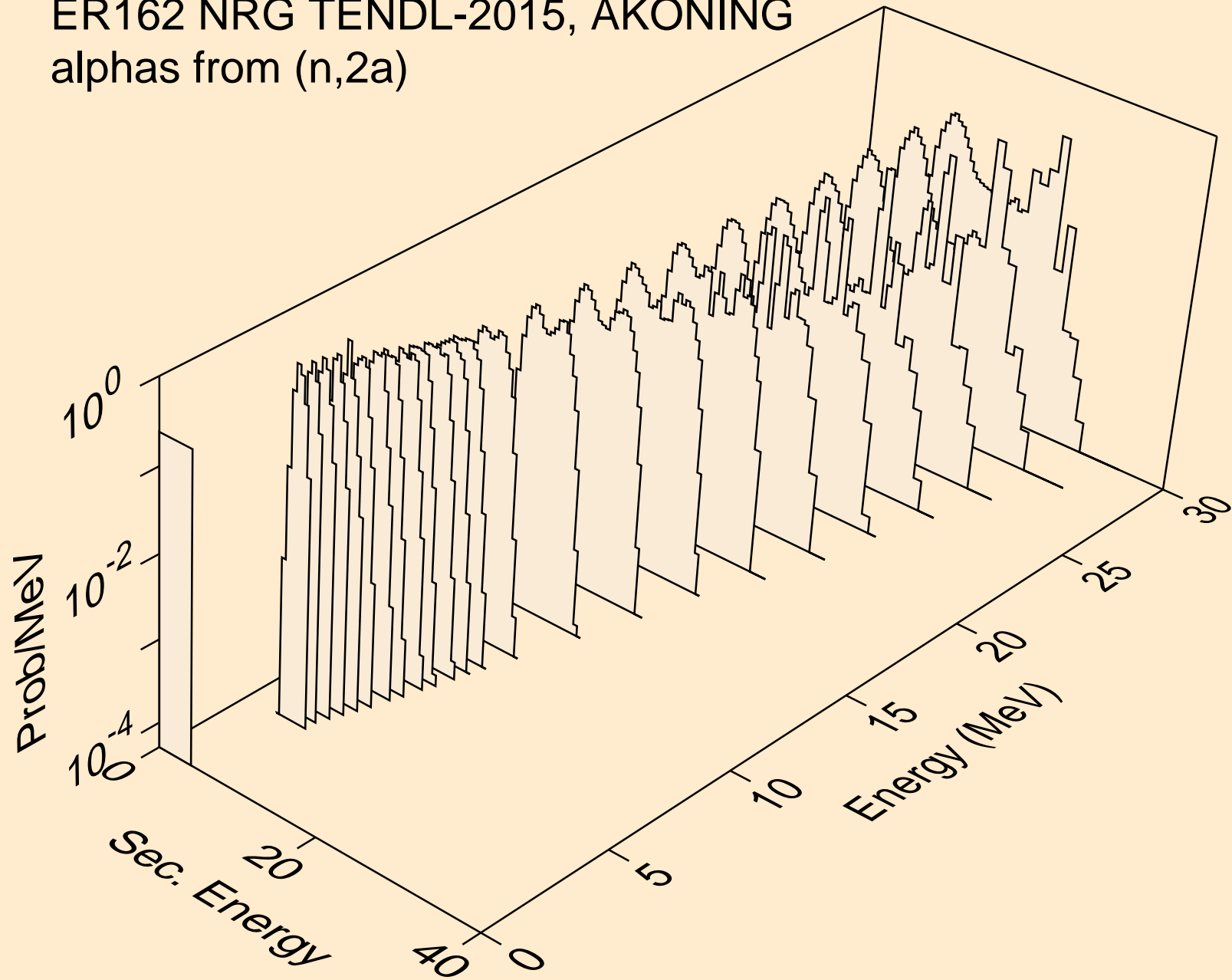
ER162 NRG TENDL-2015, AKONING  
alphas from (n,npa)



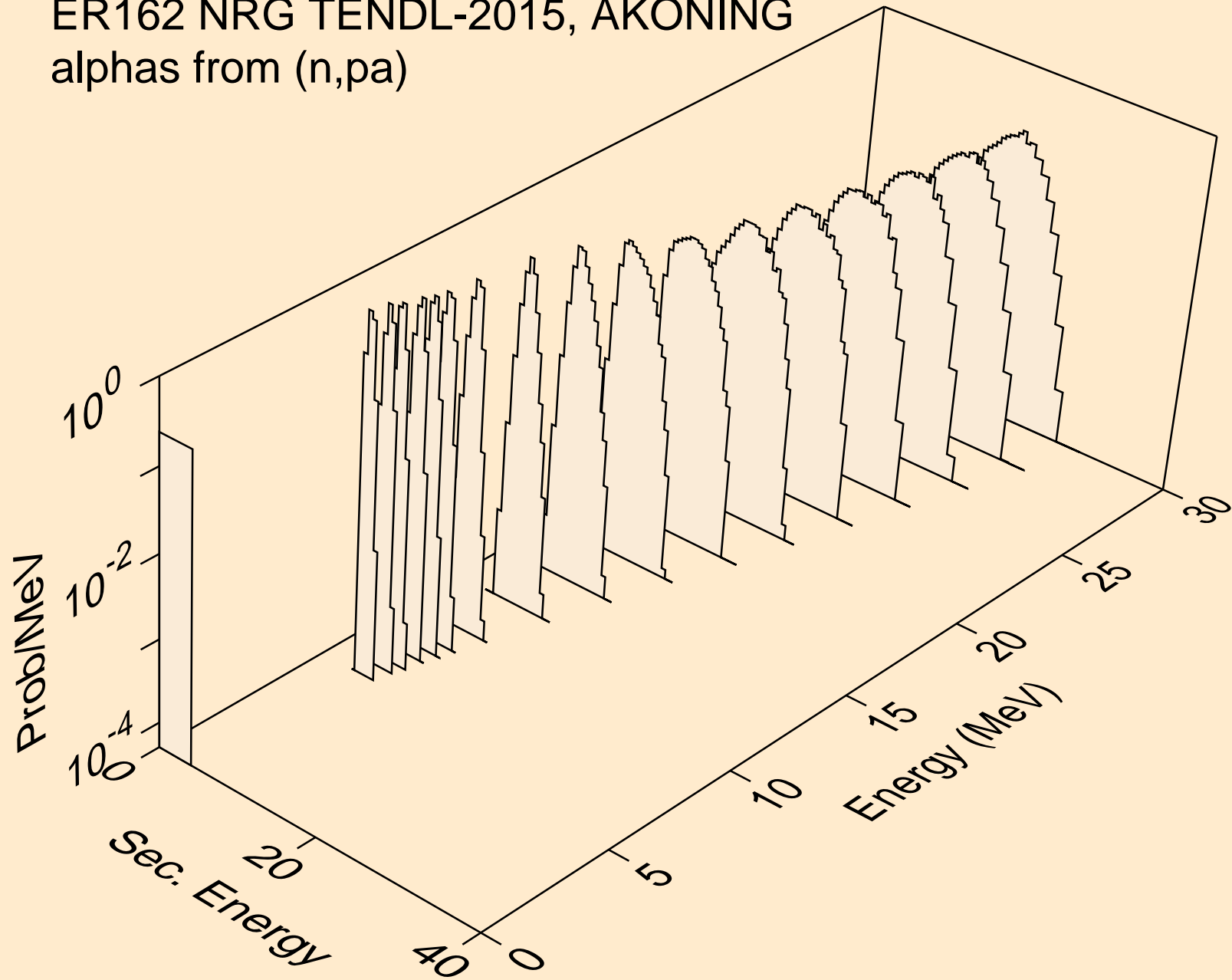
ER162 NRG TENDL-2015, AKONING  
alphas from (n,a)



ER162 NRG TENDL-2015, AKONING  
alphas from (n,2a)



ER162 NRG TENDL-2015, AKONING  
alphas from (n,pa)



ER162 NRG TENDL-2015, AKONING  
alphas from (n,da)

