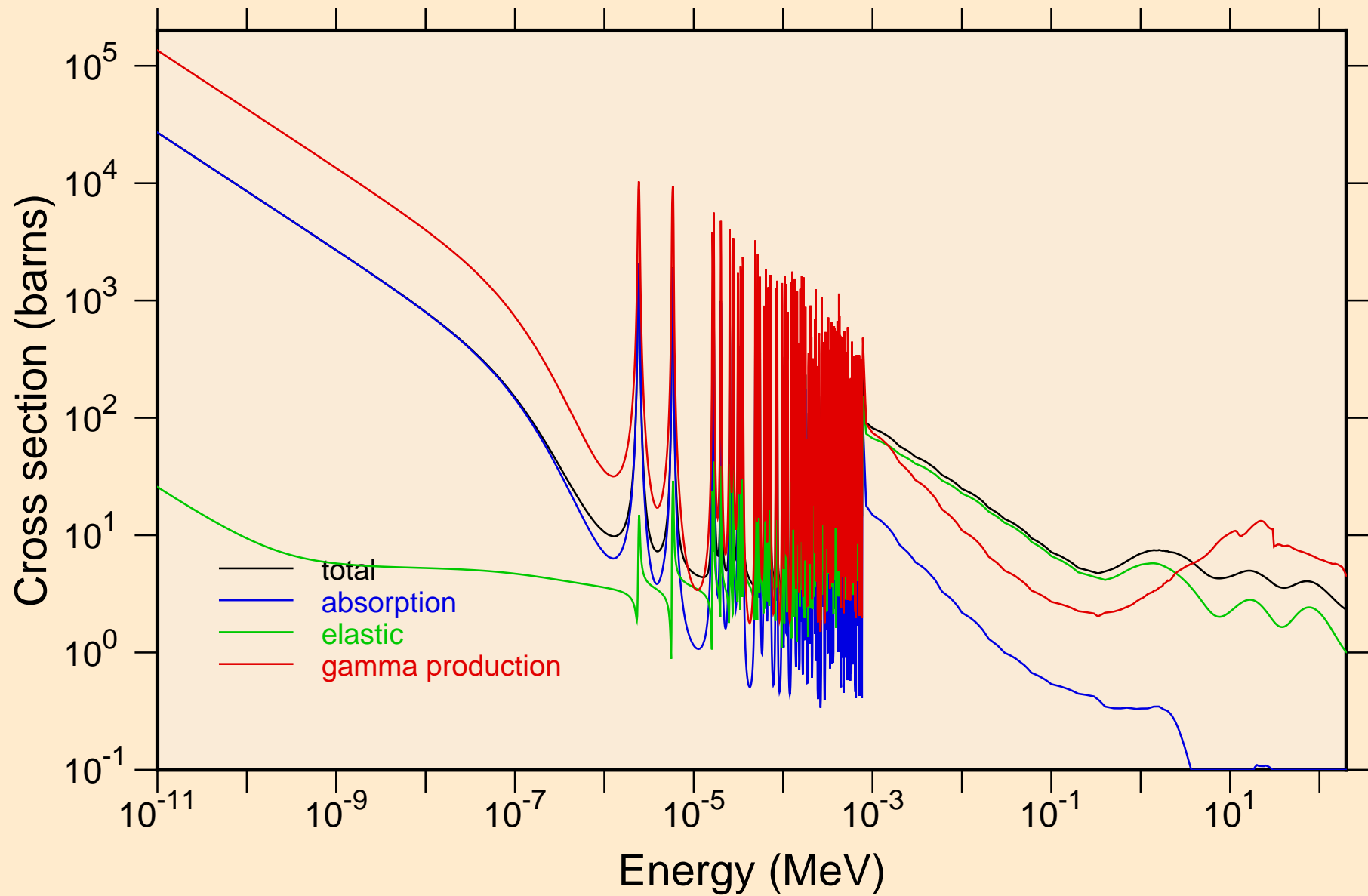
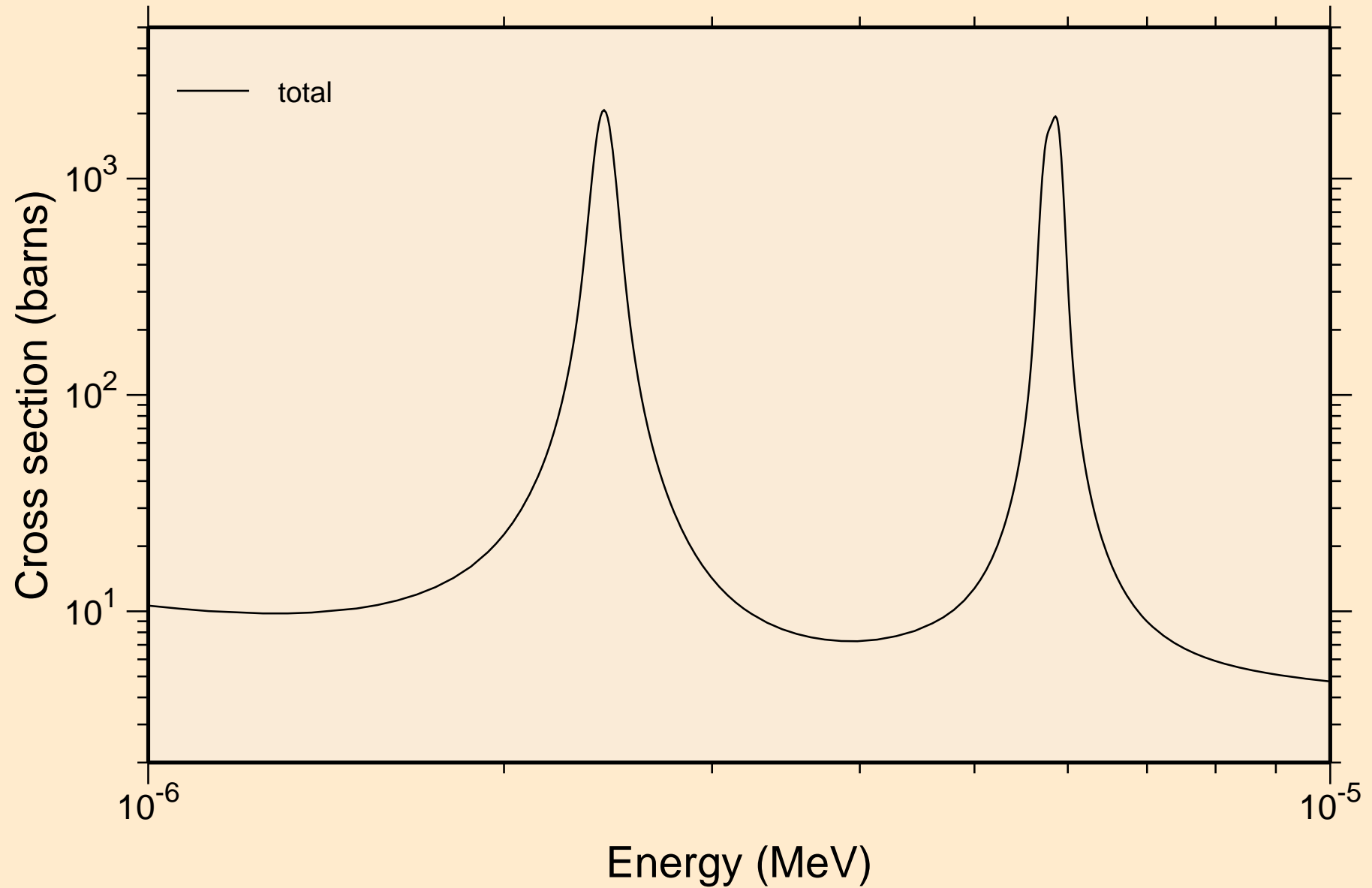


# EU145 NRG TENDL-2015, AKONING

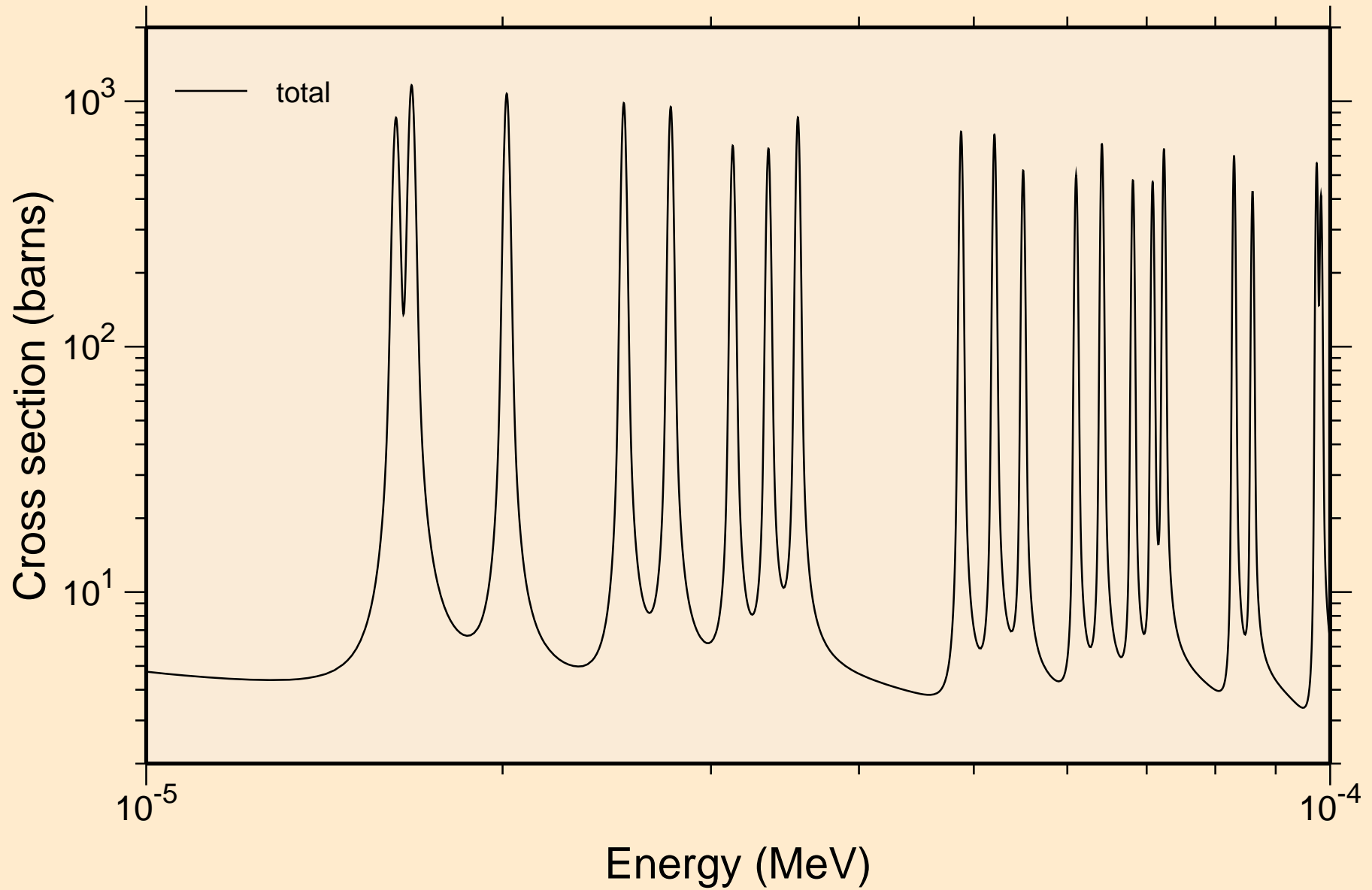
## Principal cross sections



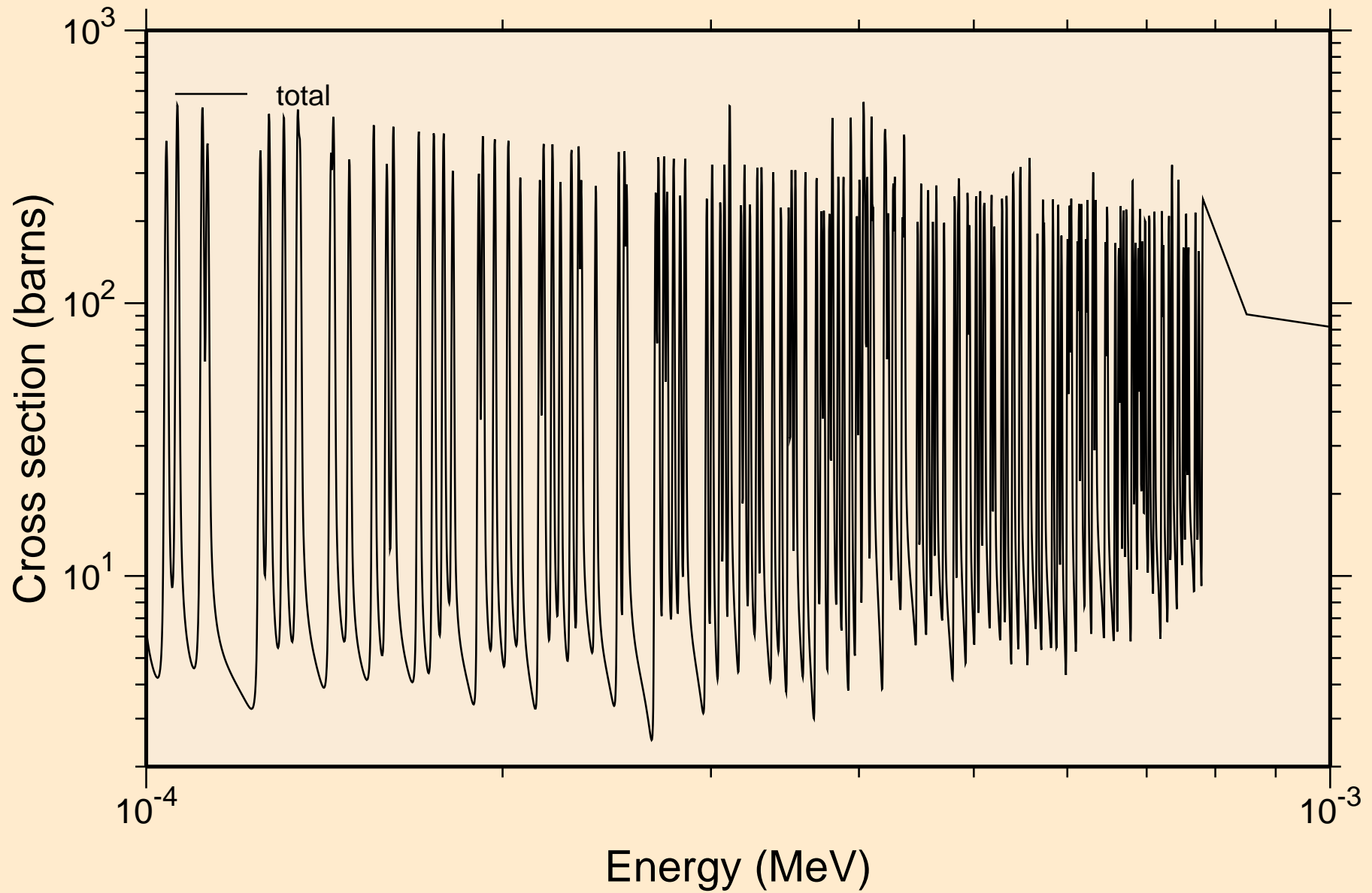
EU145 NRG TENDL-2015, AKONING  
resonance total cross section



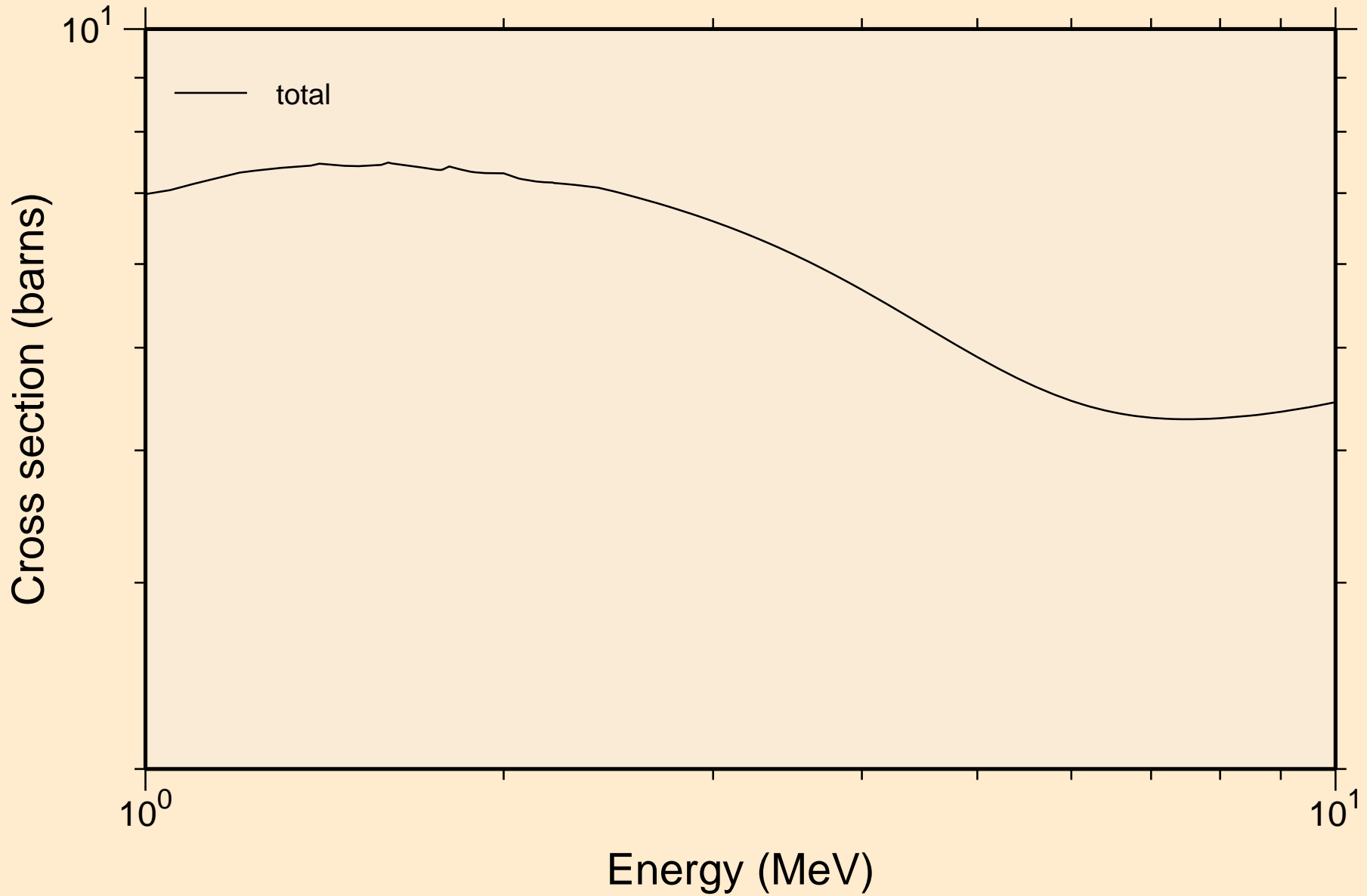
EU145 NRG TENDL-2015, AKONING  
resonance total cross section



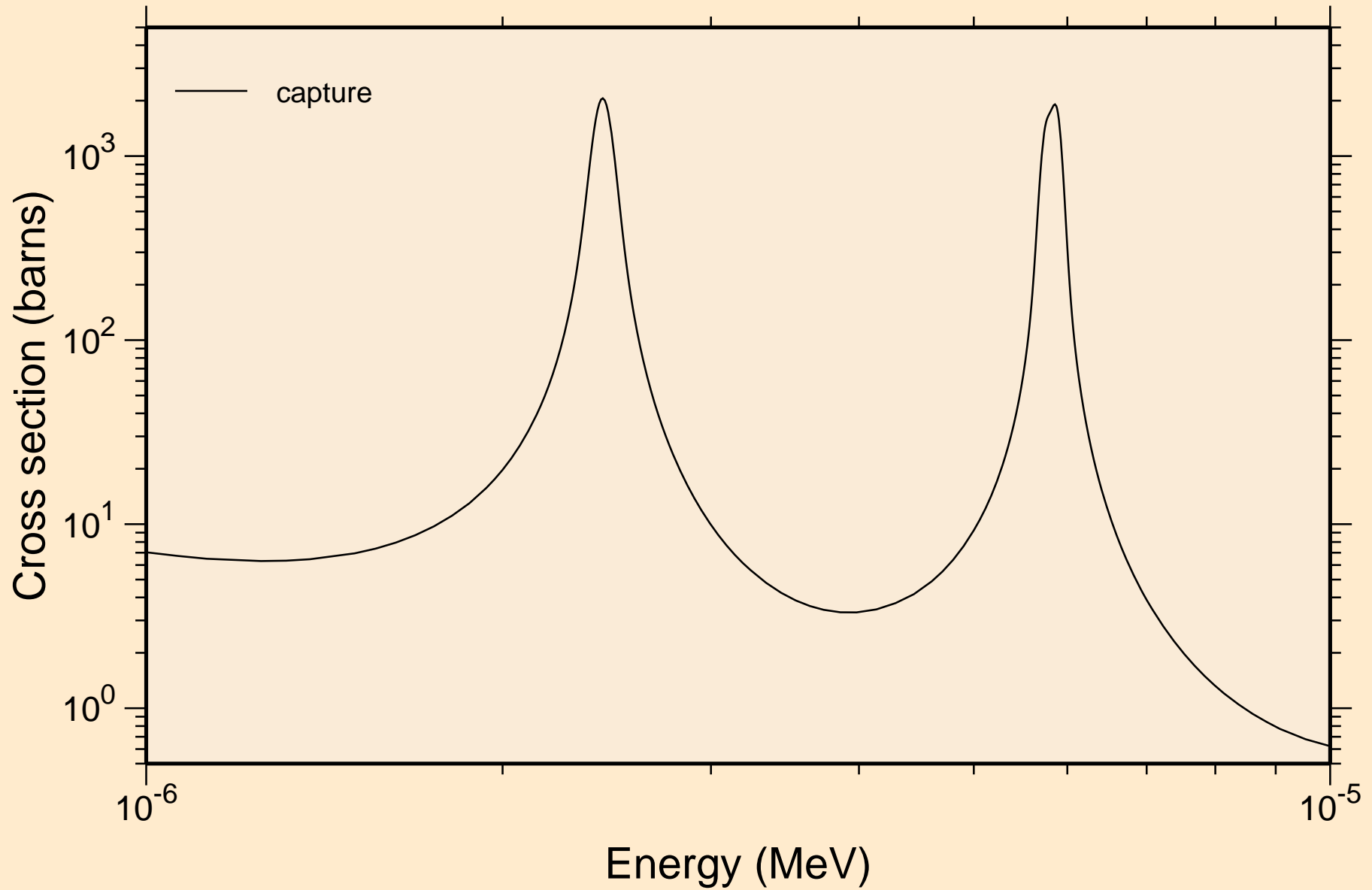
EU145 NRG TENDL-2015, AKONING  
resonance total cross section



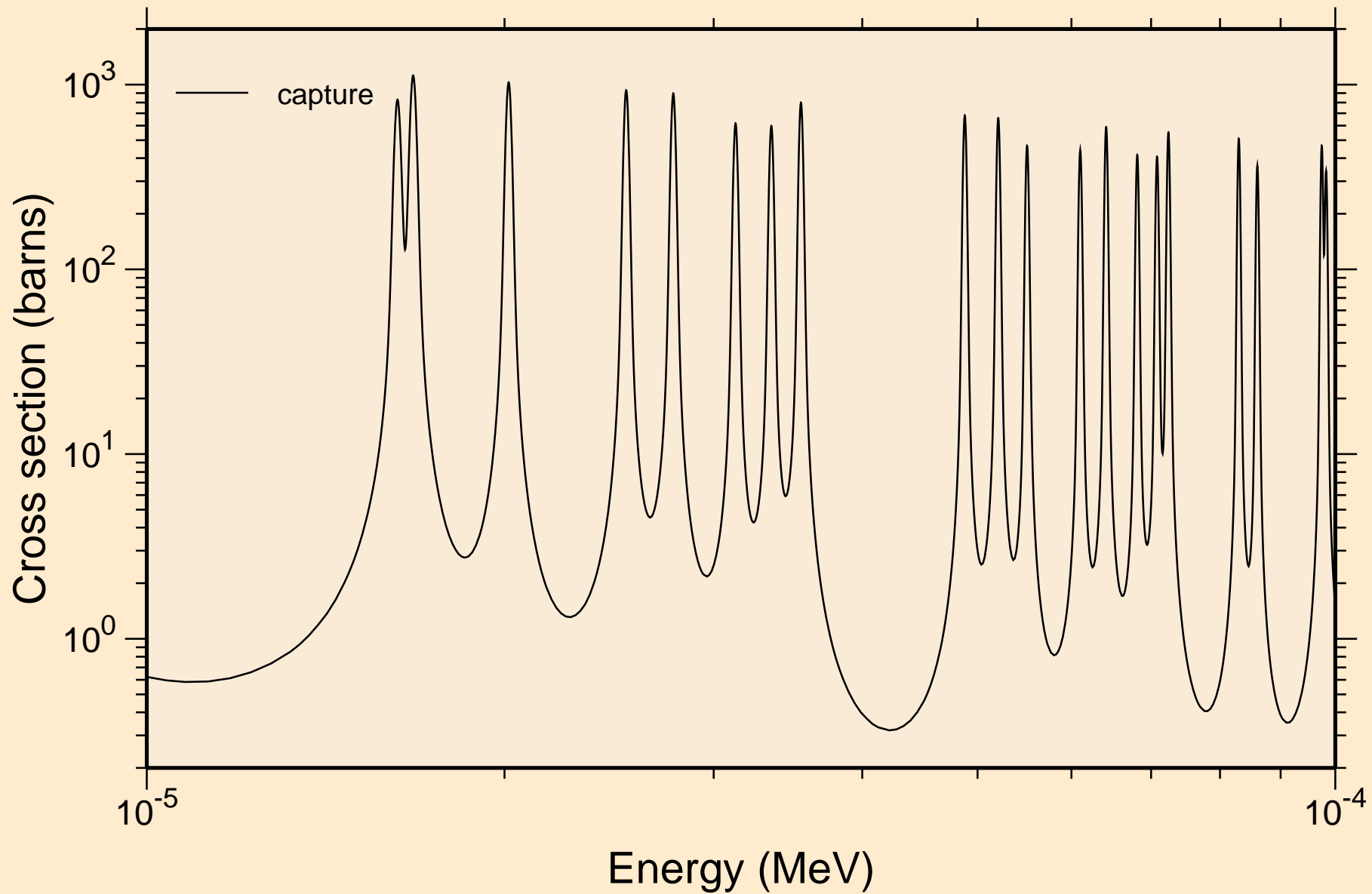
EU145 NRG TENDL-2015, AKONING  
resonance total cross section



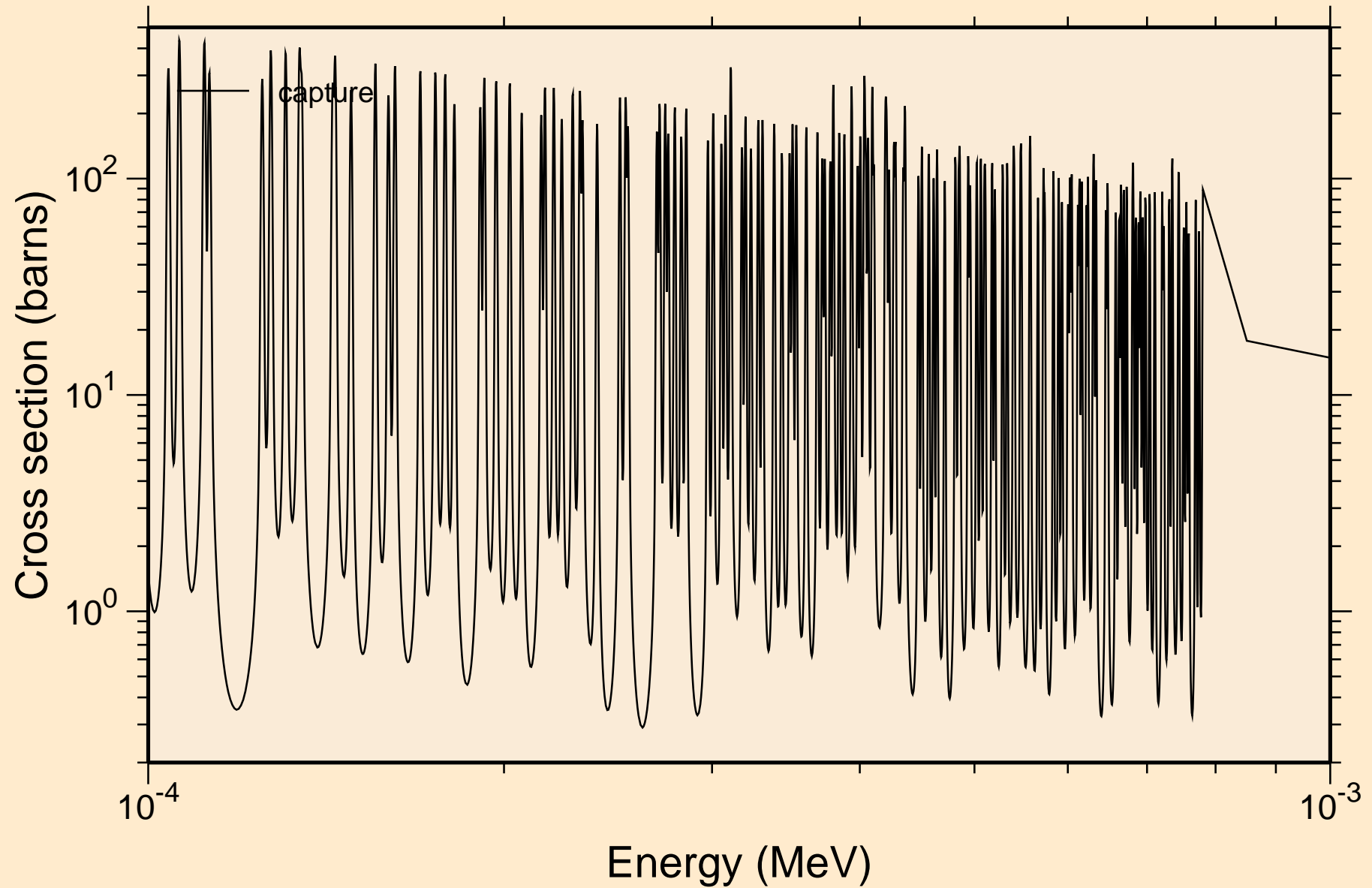
EU145 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# EU145 NRG TENDL-2015, AKONING resonance absorption cross sections

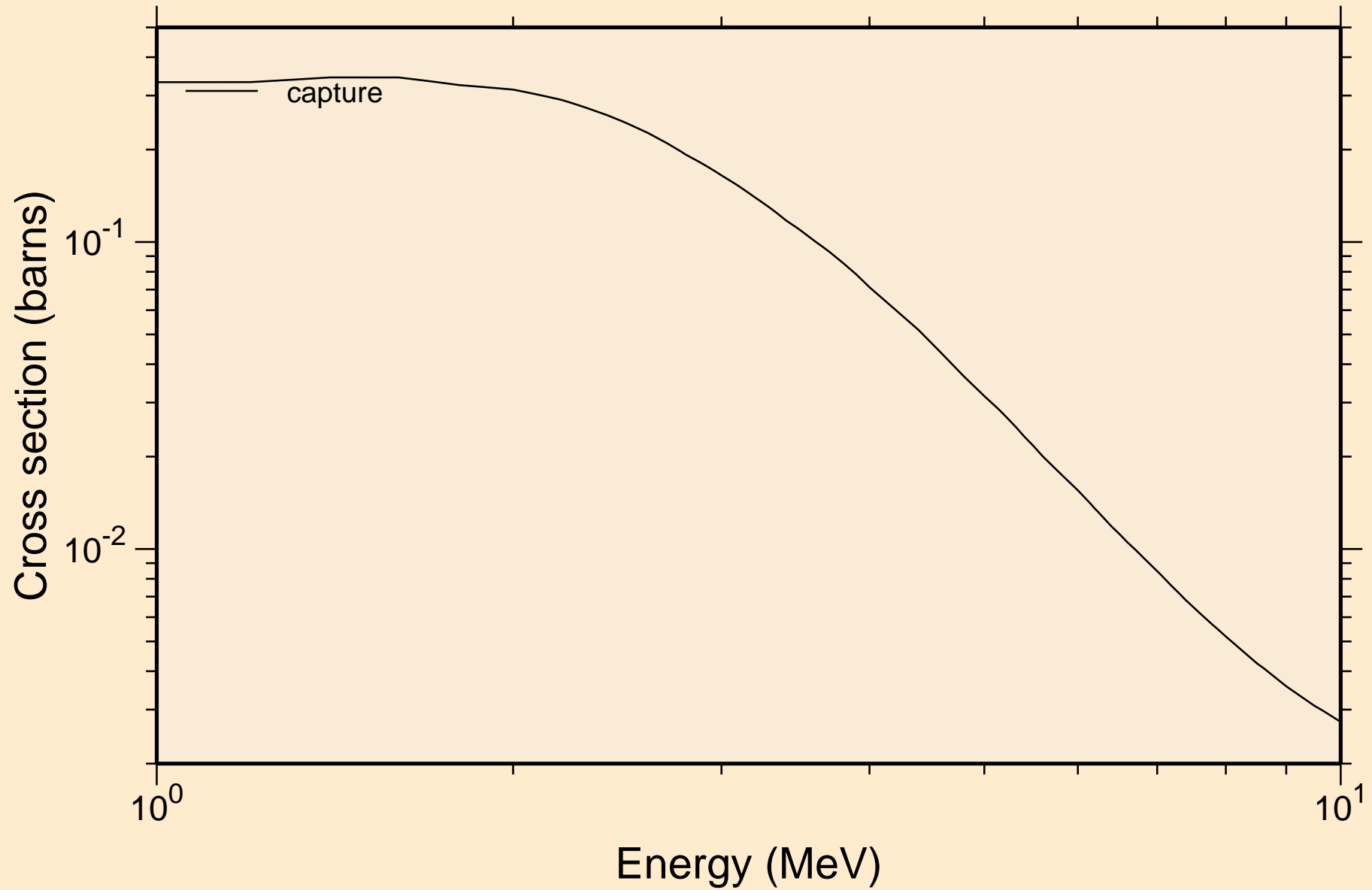


EU145 NRG TENDL-2015, AKONING  
resonance absorption cross sections



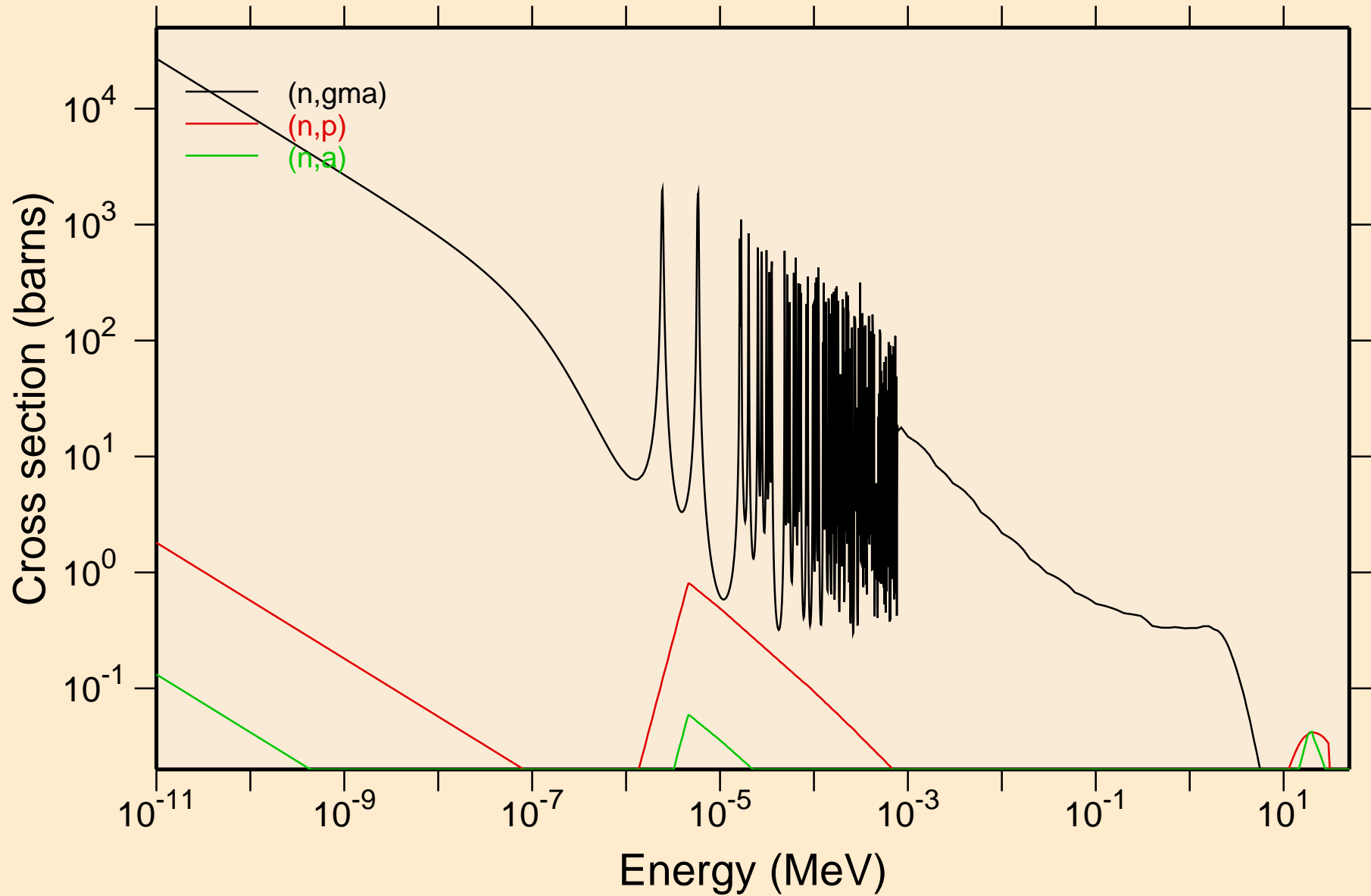


EU145 NRG TENDL-2015, AKONING  
resonance absorption cross sections



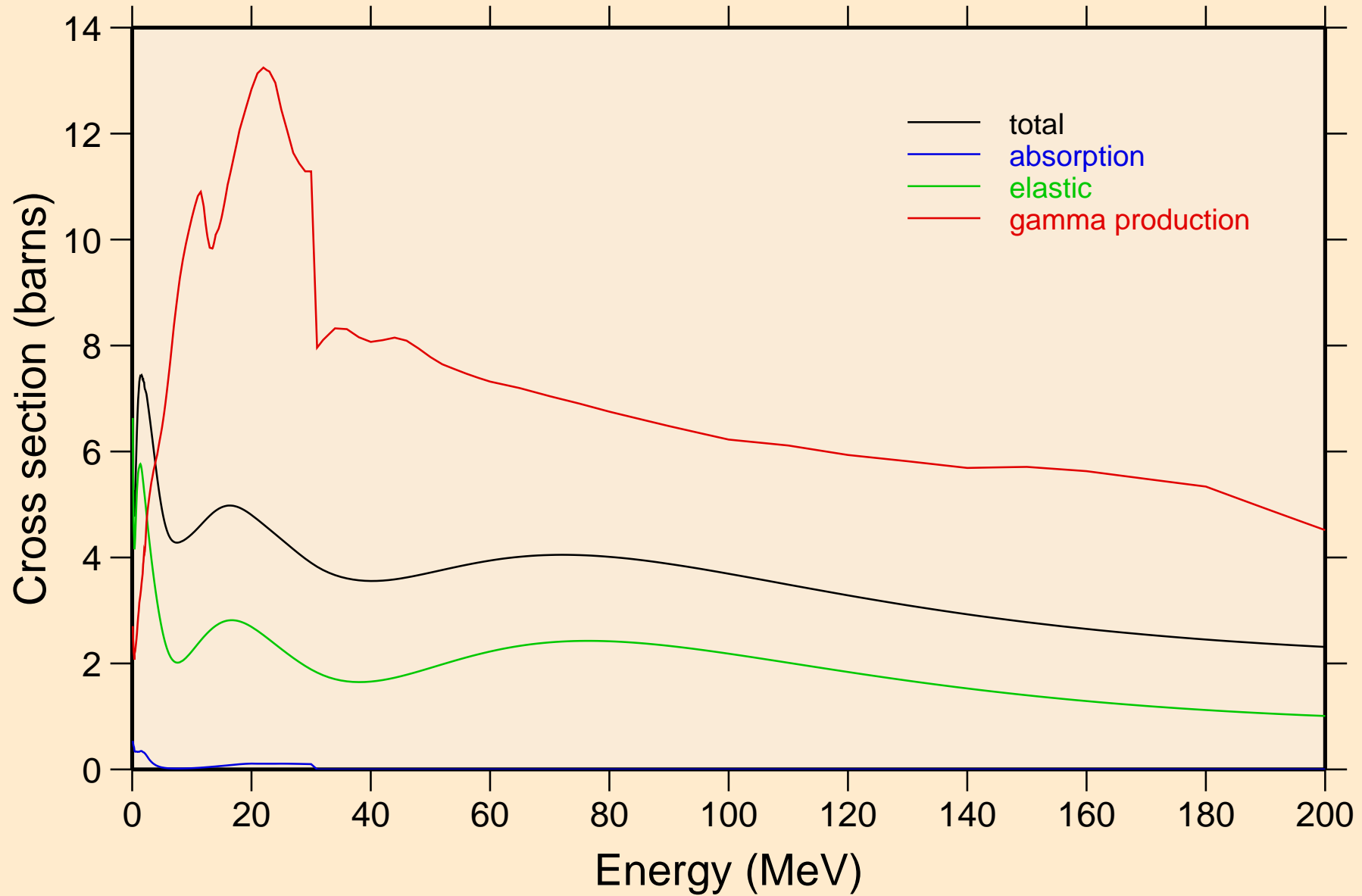
# EU145 NRG TENDL-2015, AKONING

## Non-threshold reactions



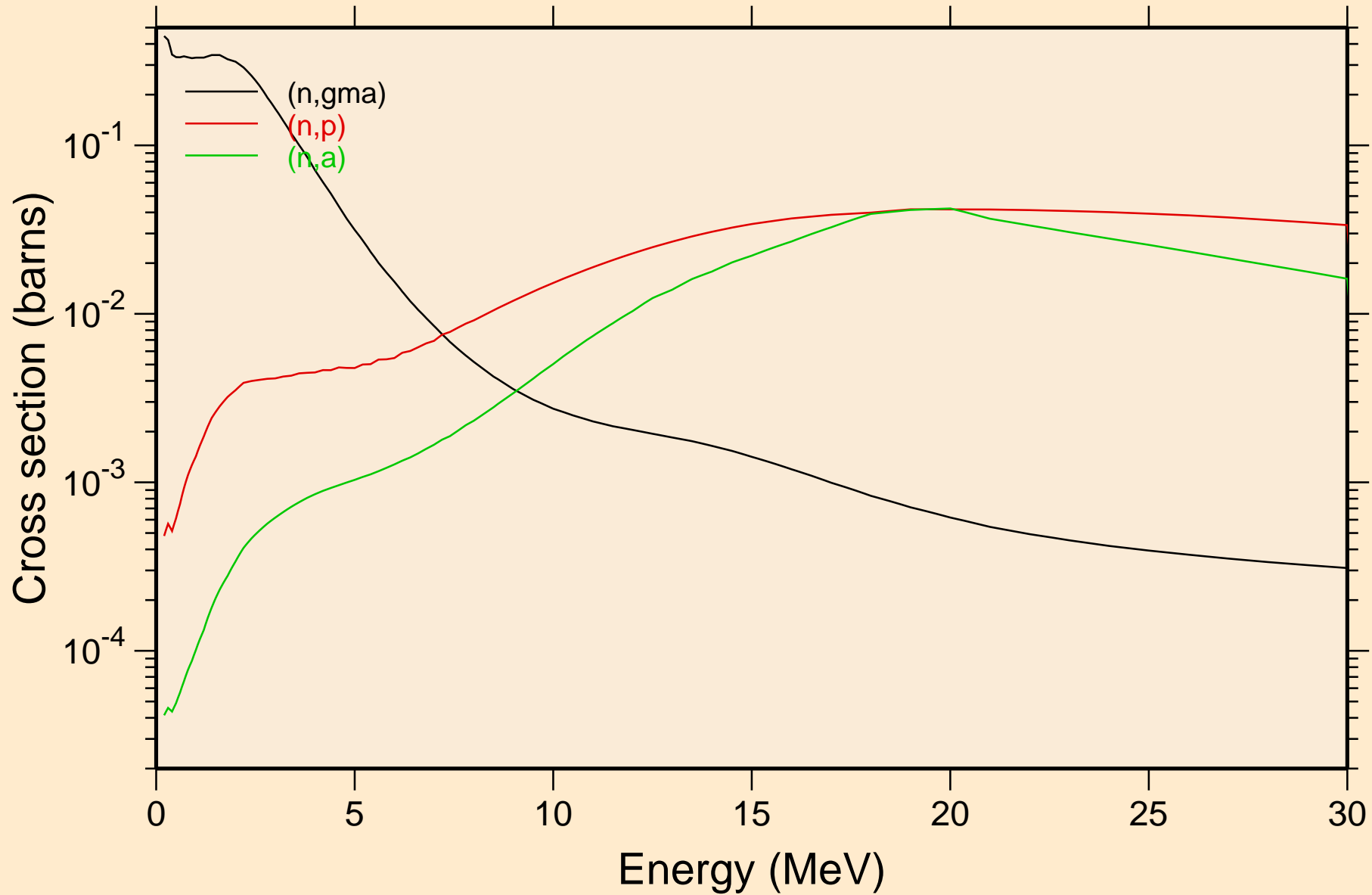
# EU145 NRG TENDL-2015, AKONING

## Principal cross sections



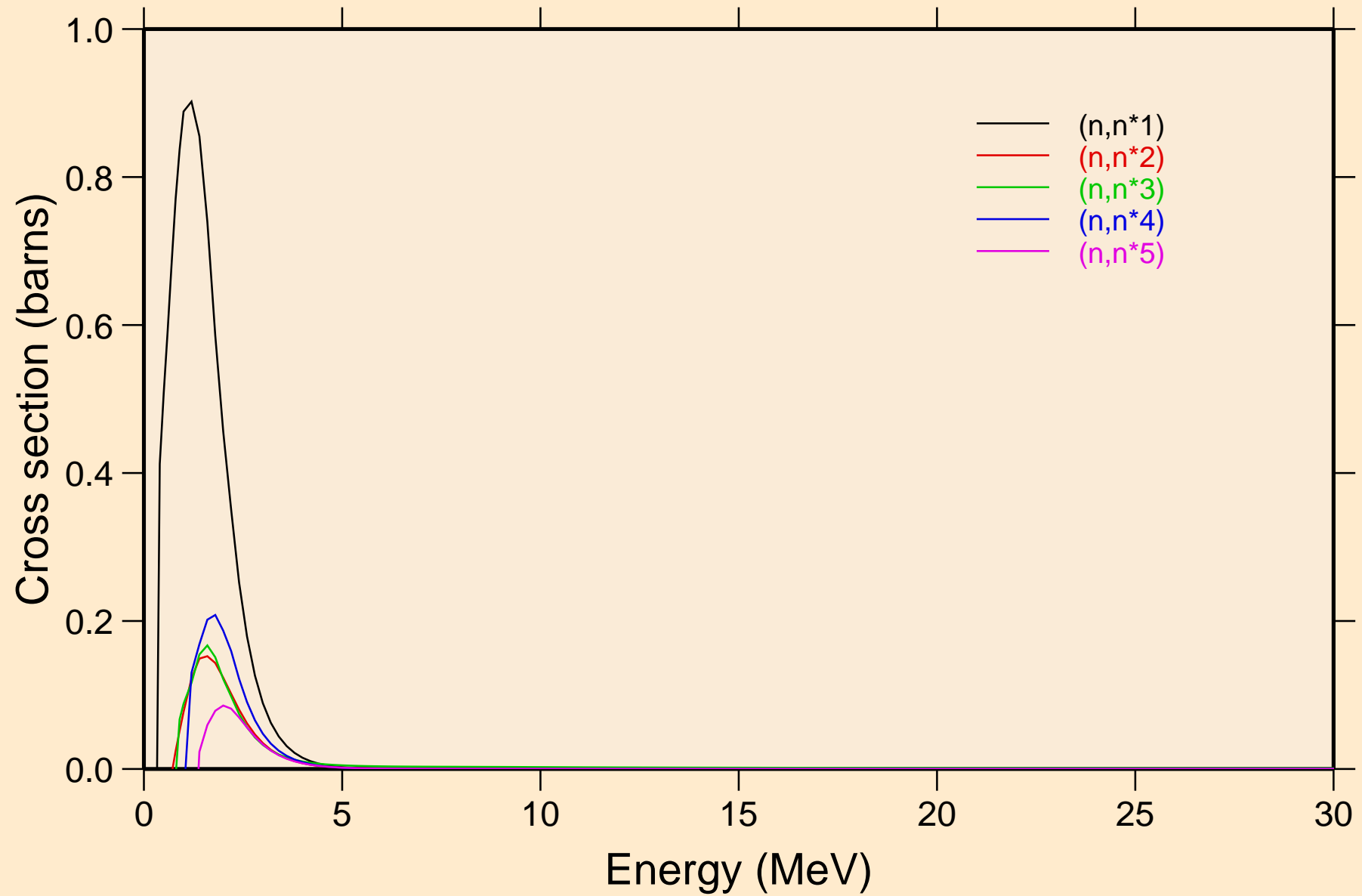
# EU145 NRG TENDL-2015, AKONING

## Non-threshold reactions



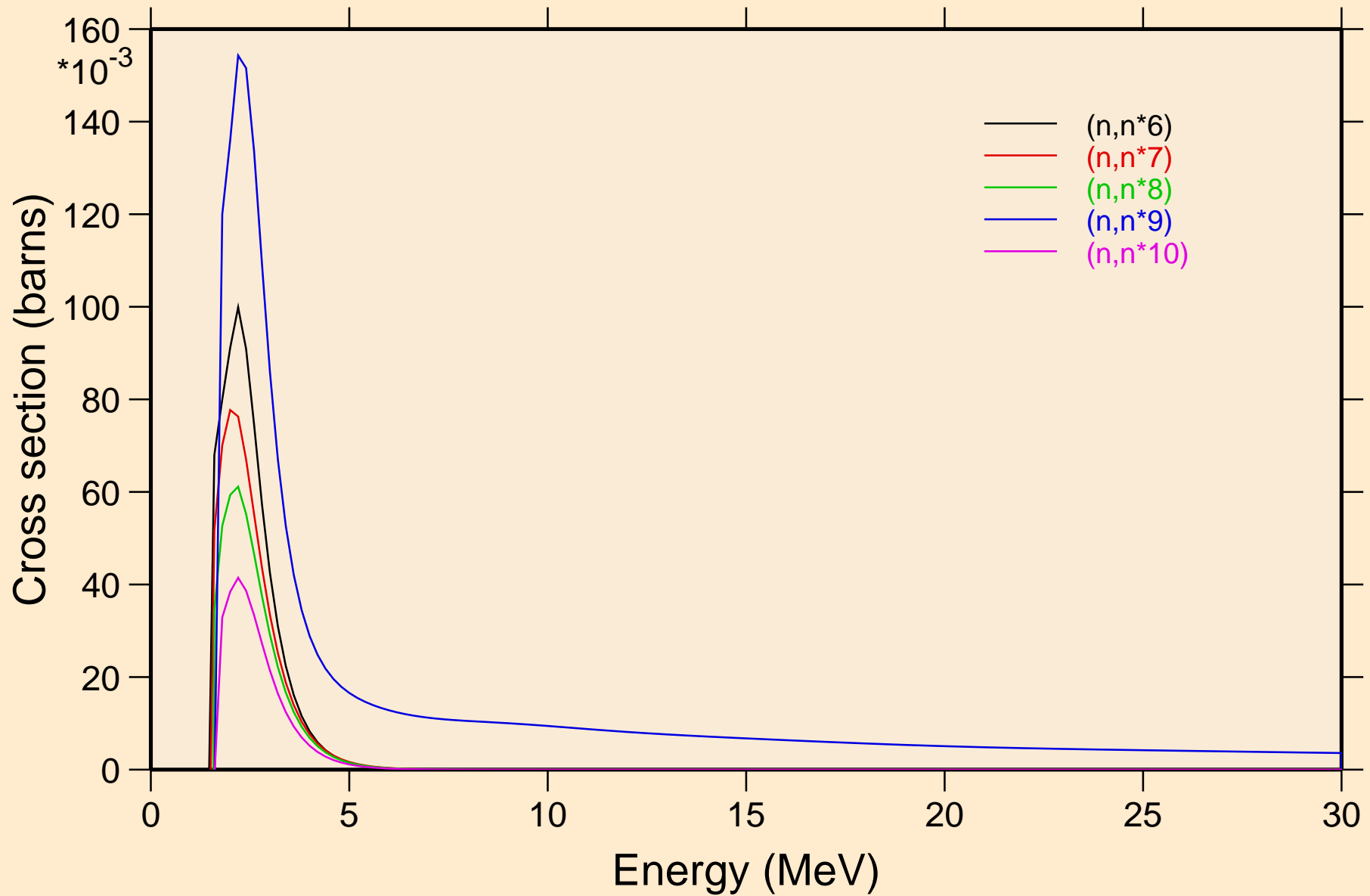
# EU145 NRG TENDL-2015, AKONING

## Inelastic levels



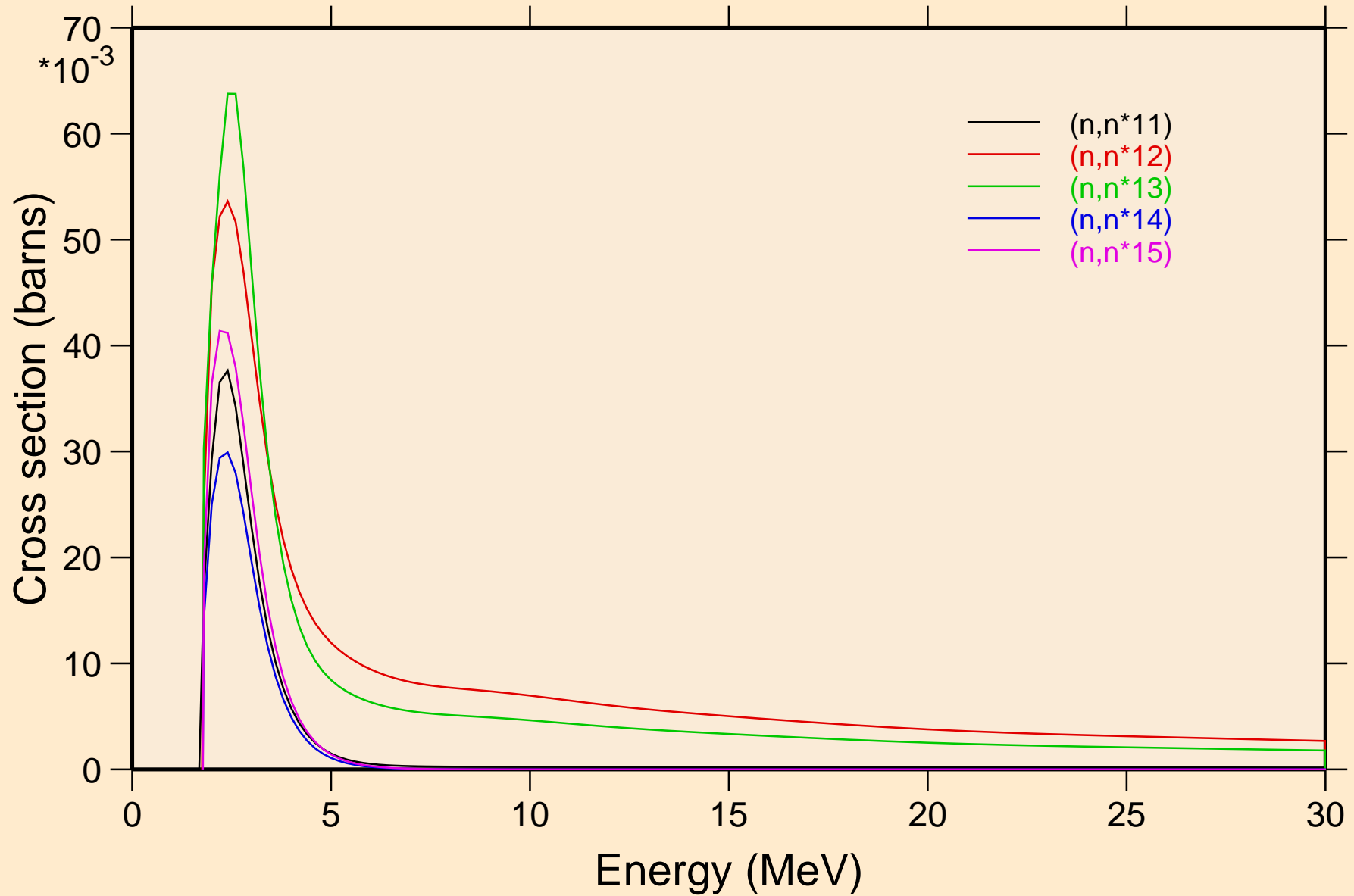
# EU145 NRG TENDL-2015, AKONING

## Inelastic levels



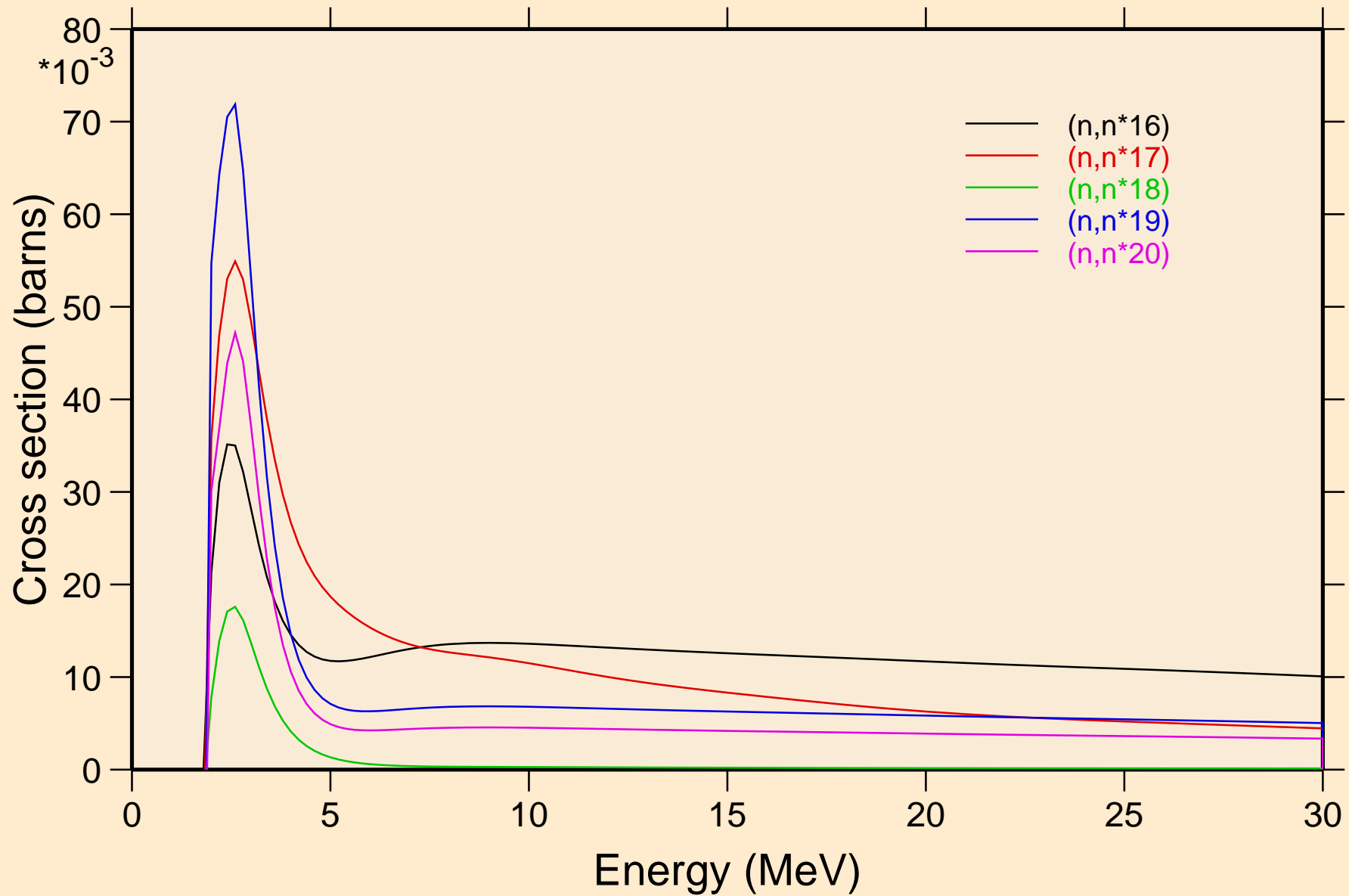
# EU145 NRG TENDL-2015, AKONING

## Inelastic levels



# EU145 NRG TENDL-2015, AKONING

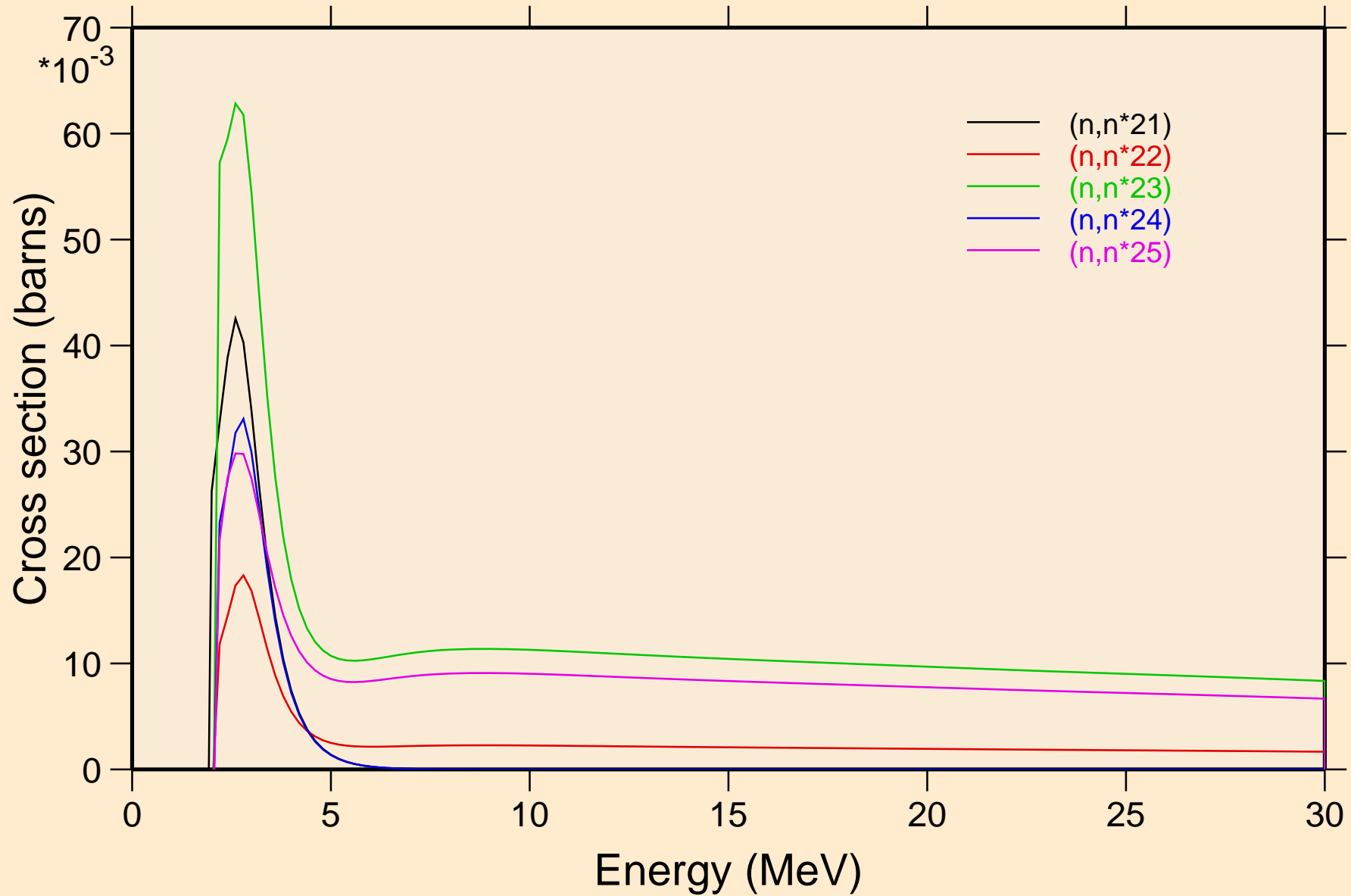
## Inelastic levels





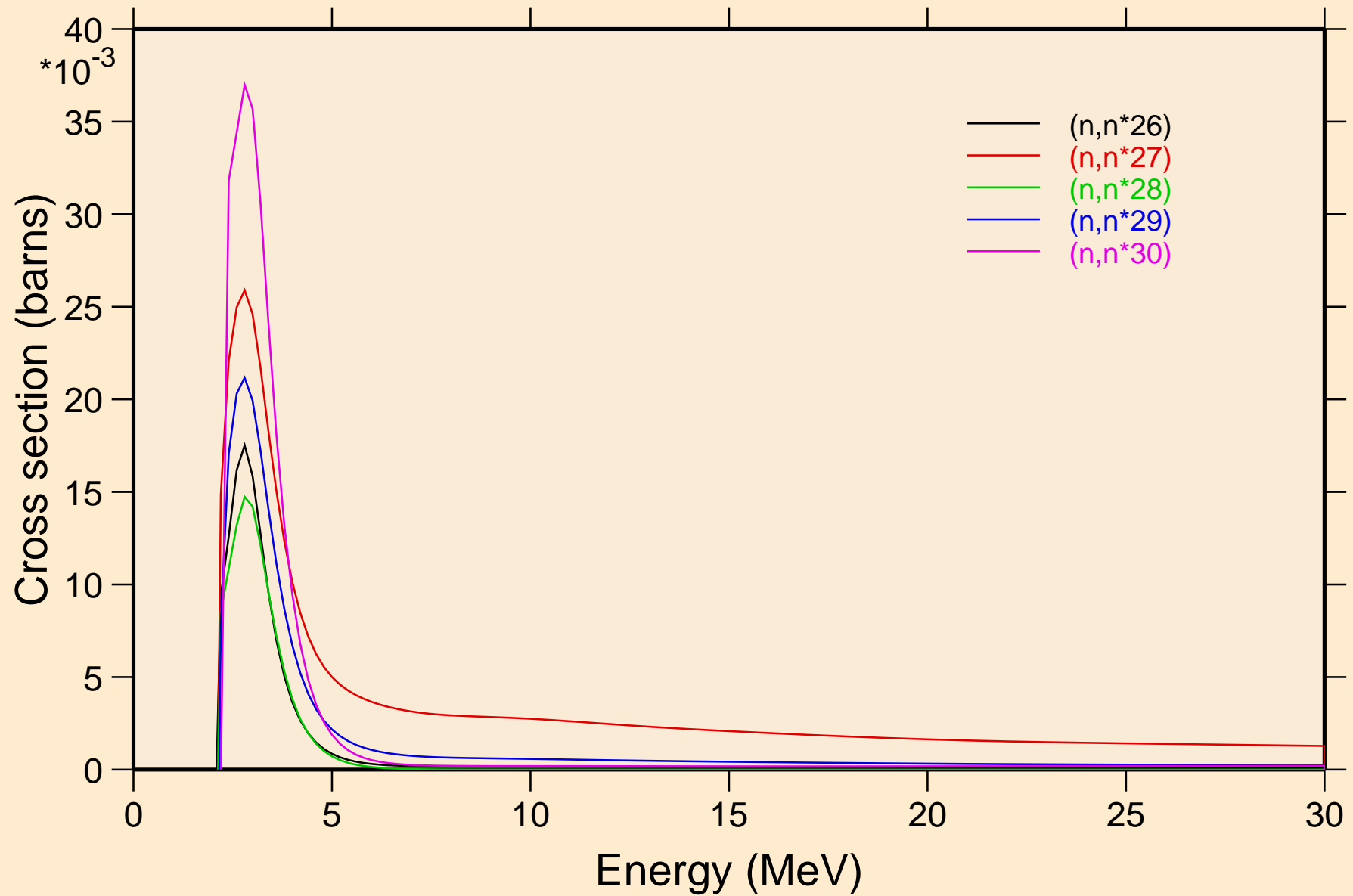
# EU145 NRG TENDL-2015, AKONING

## Inelastic levels



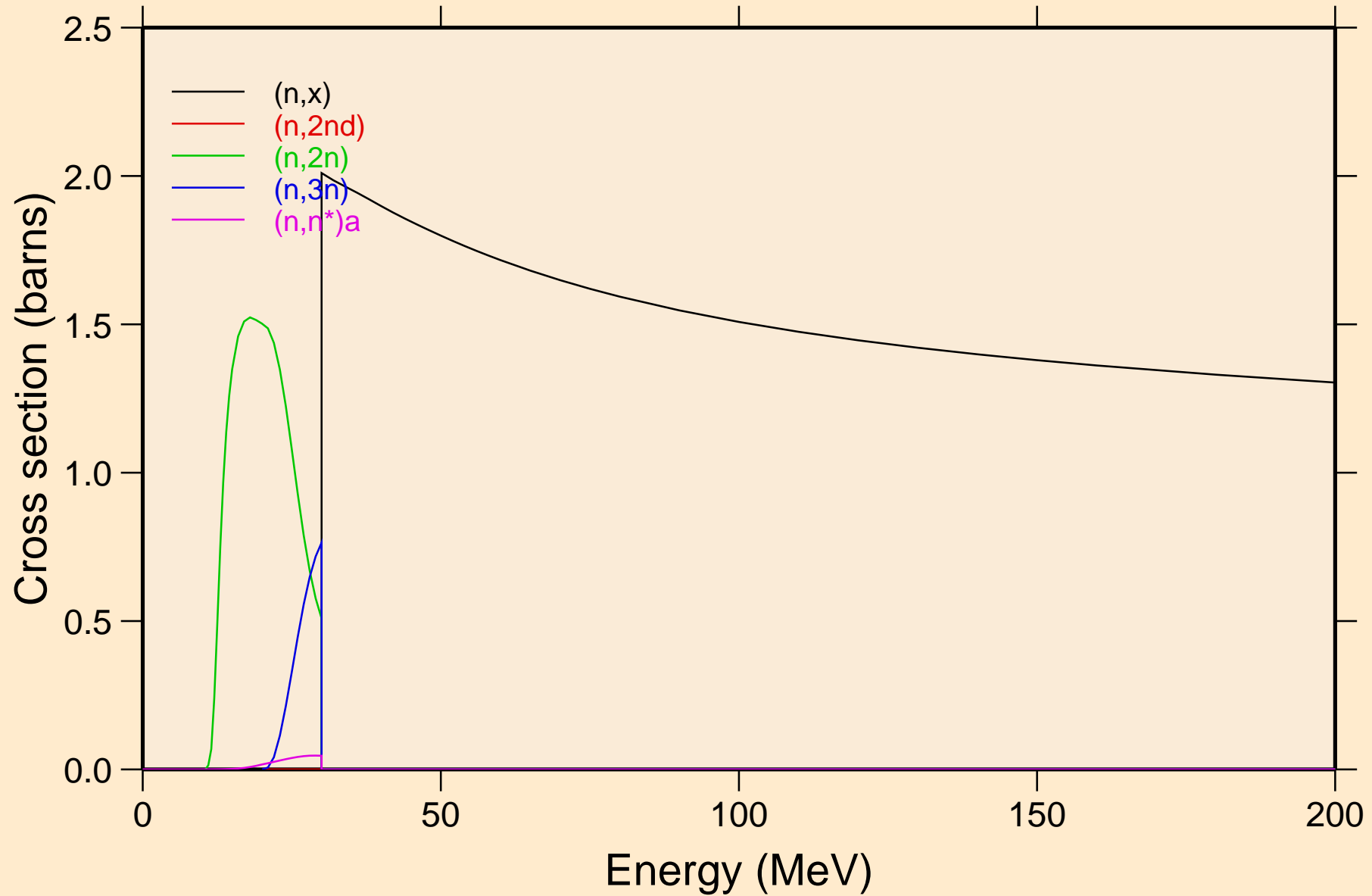
# EU145 NRG TENDL-2015, AKONING

## Inelastic levels



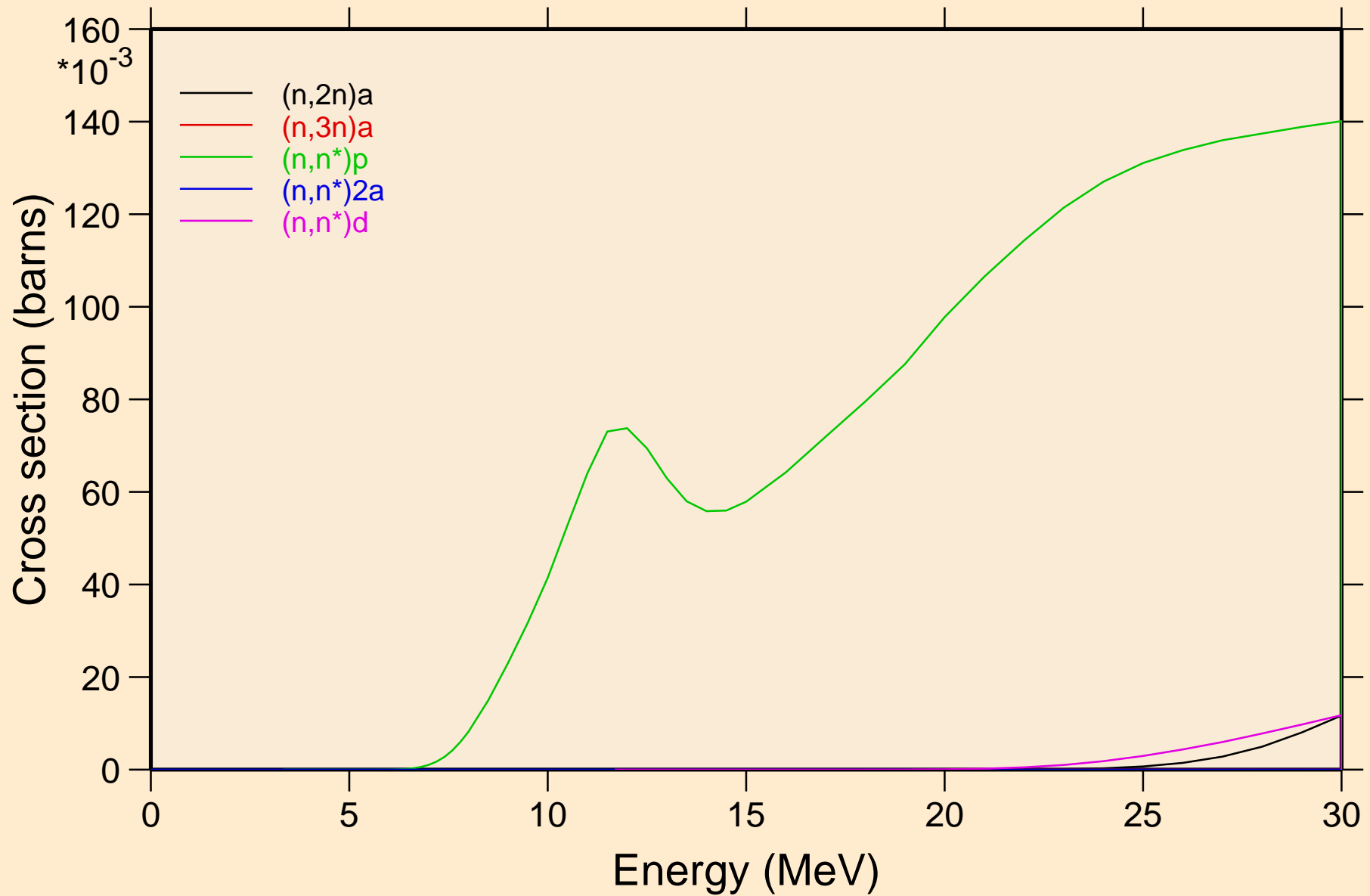
# EU145 NRG TENDL-2015, AKONING

## Threshold reactions



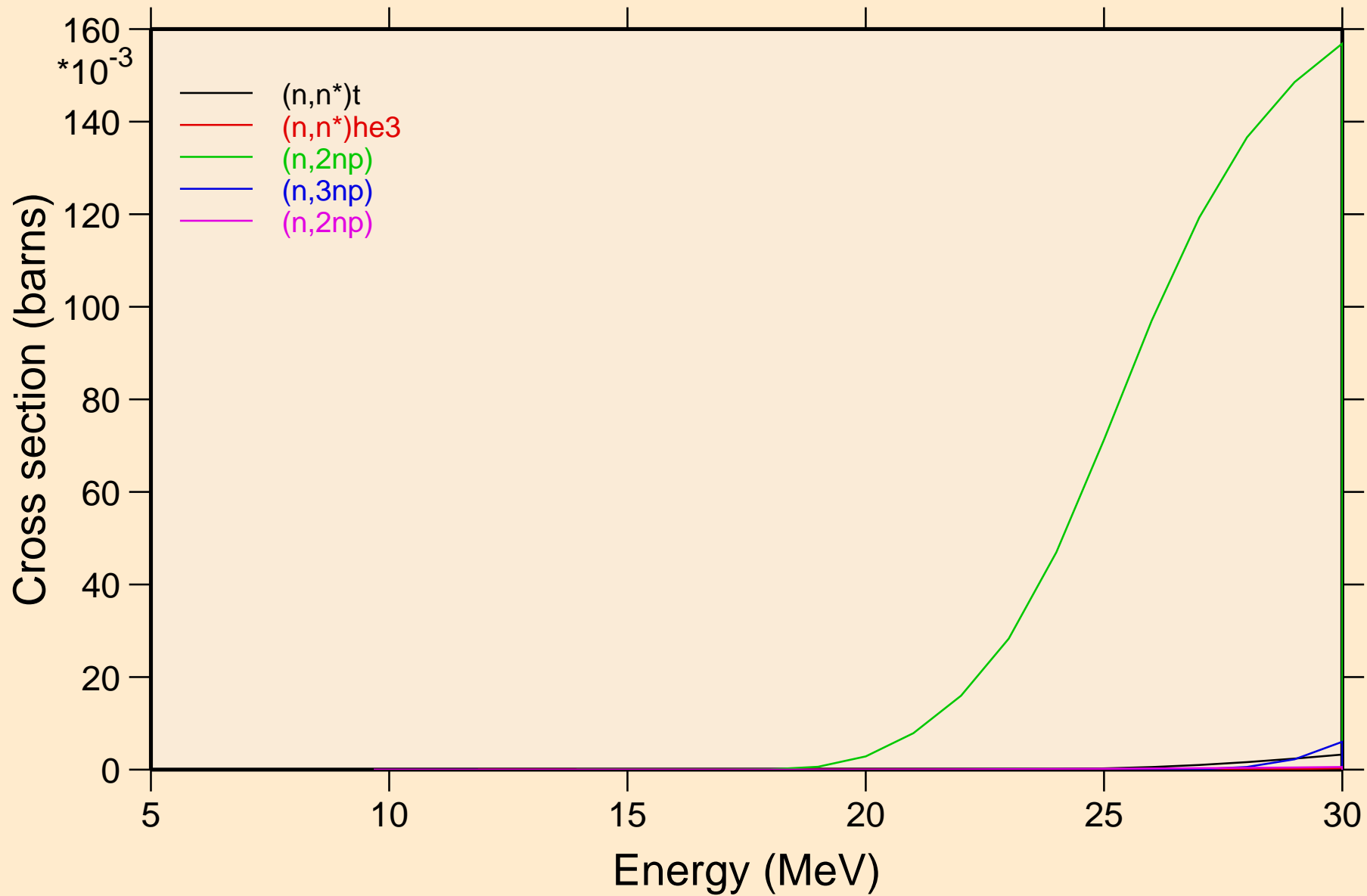
# EU145 NRG TENDL-2015, AKONING

## Threshold reactions



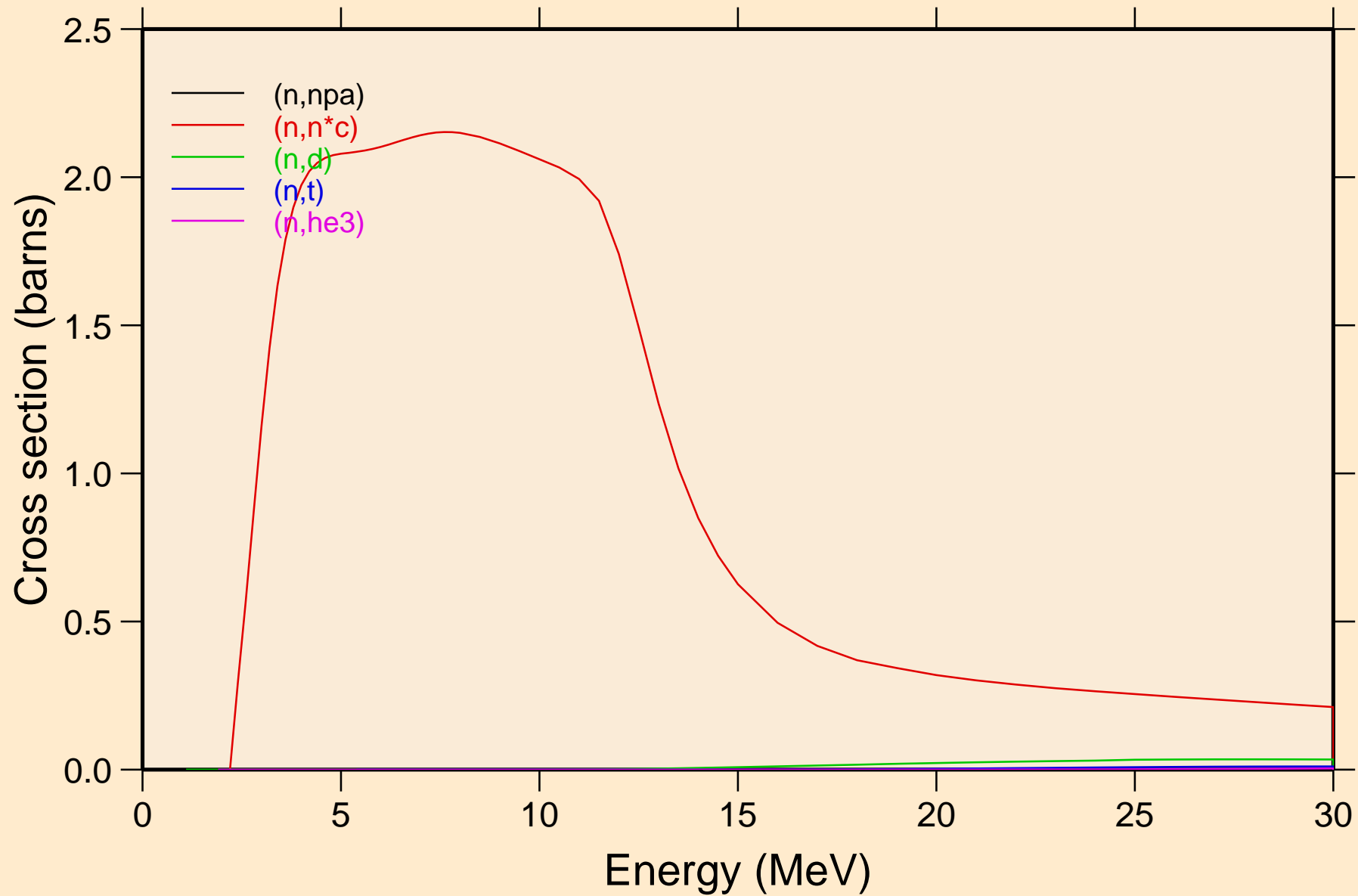
# EU145 NRG TENDL-2015, AKONING

## Threshold reactions



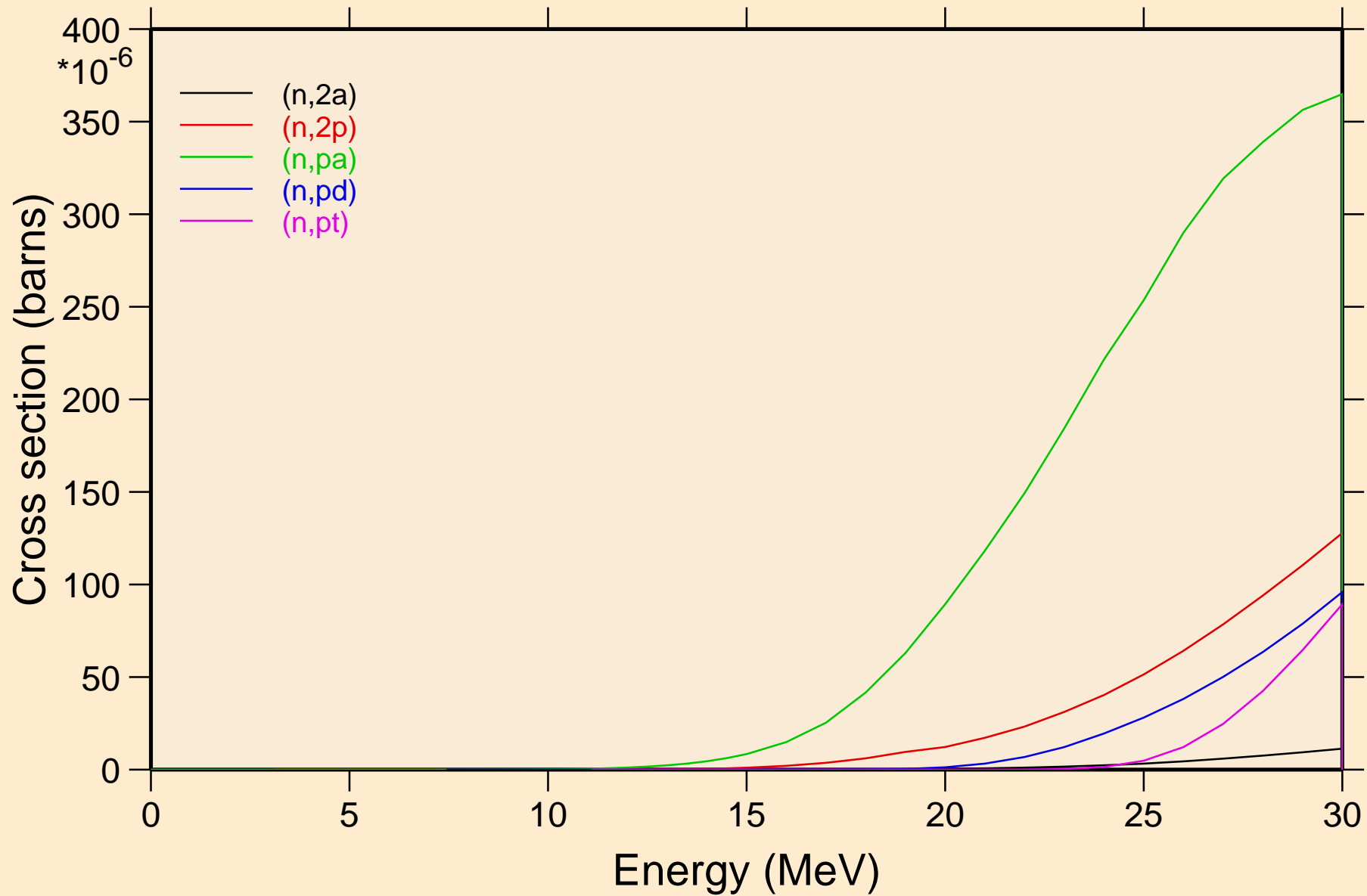
# EU145 NRG TENDL-2015, AKONING

## Threshold reactions



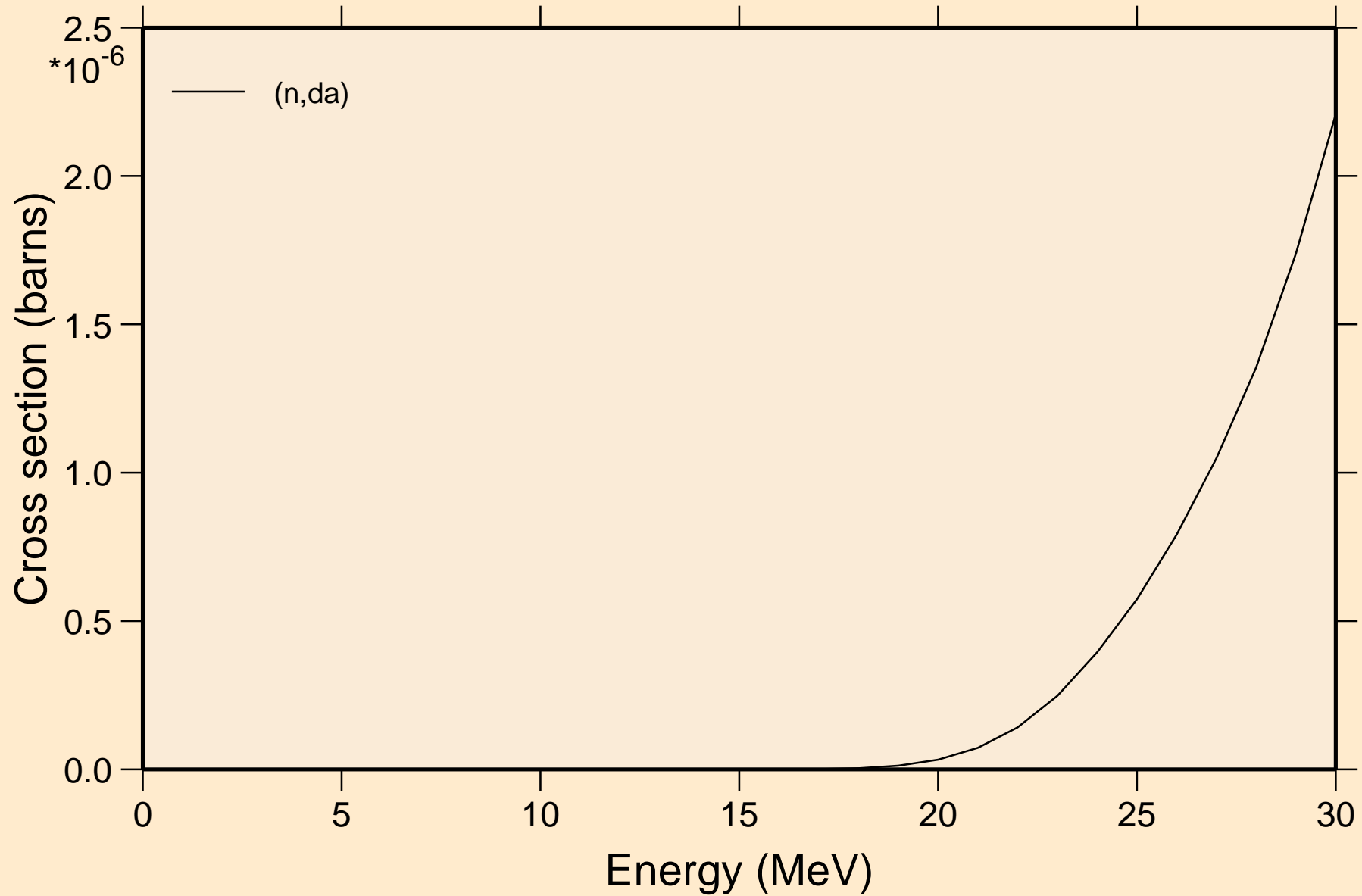
# EU145 NRG TENDL-2015, AKONING

## Threshold reactions



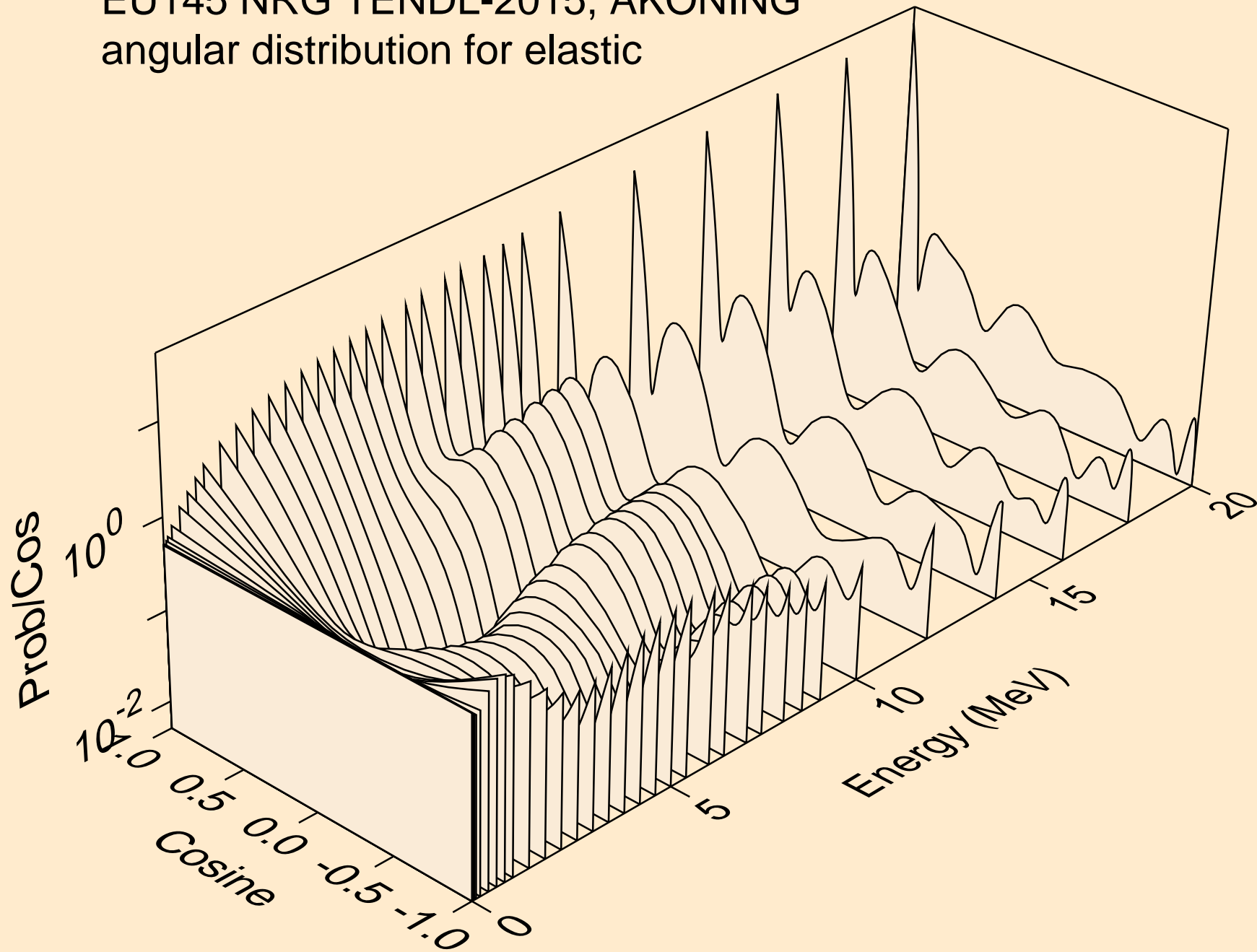
# EU145 NRG TENDL-2015, AKONING

## Threshold reactions

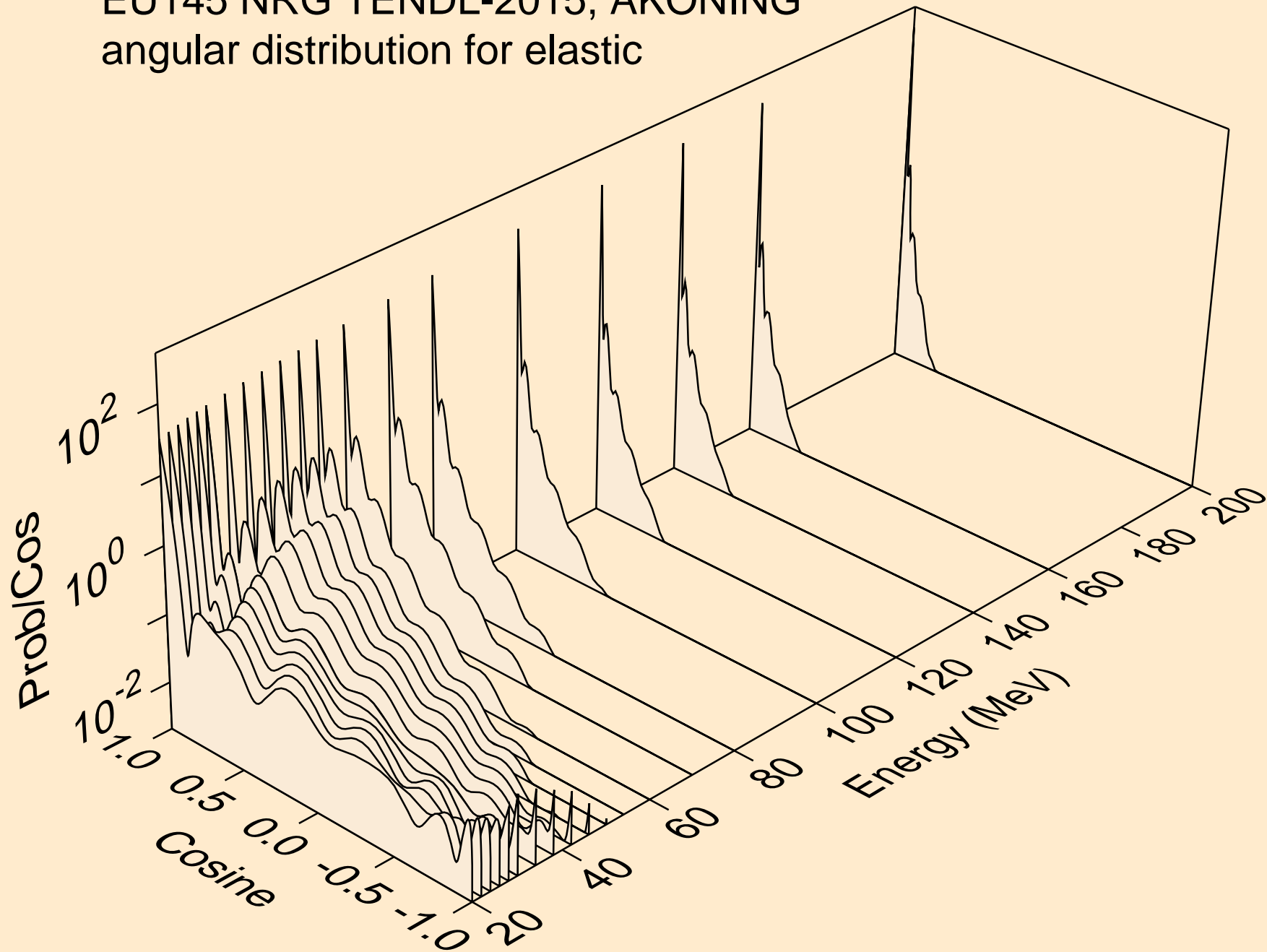




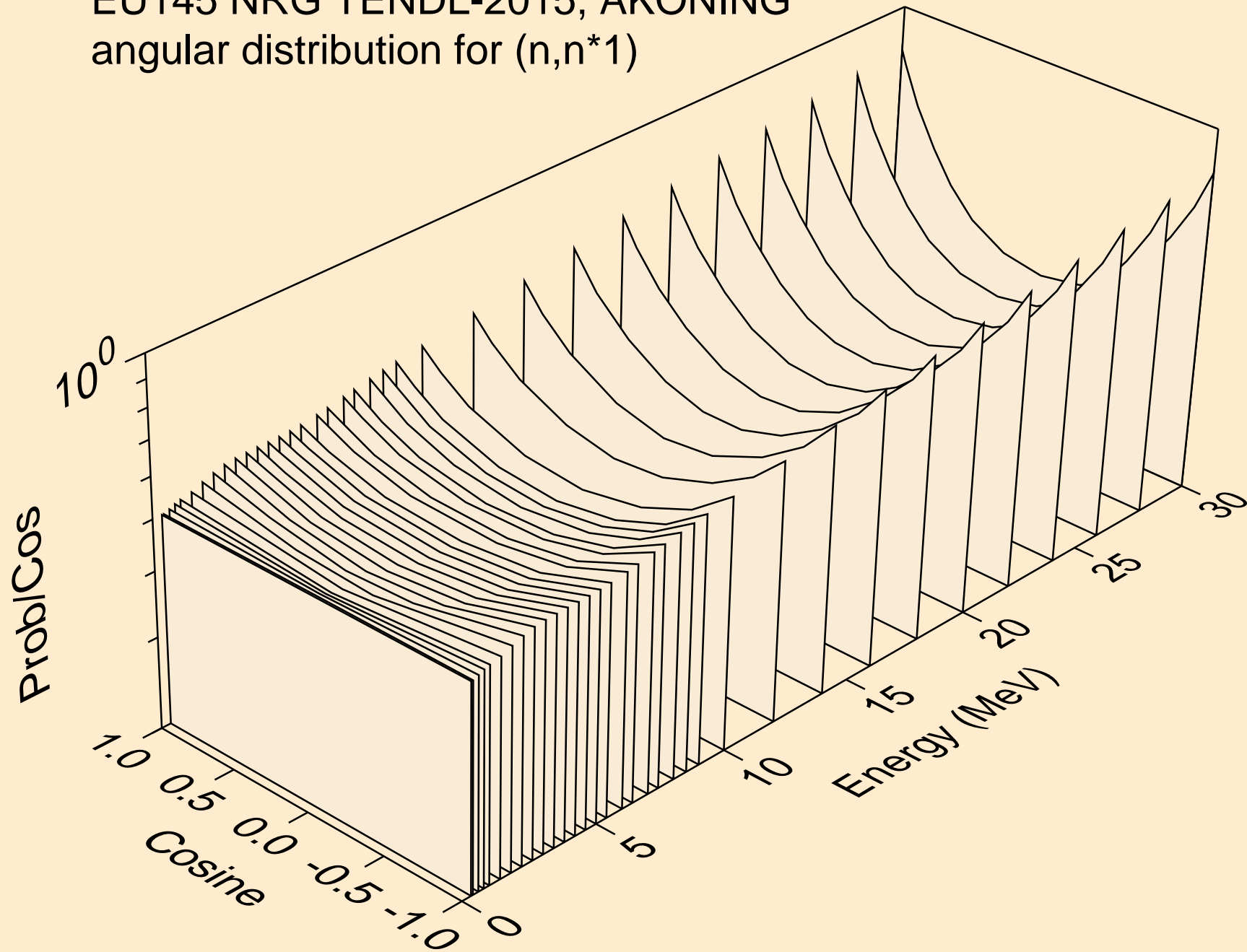
EU145 NRG TENDL-2015, AKONING  
angular distribution for elastic



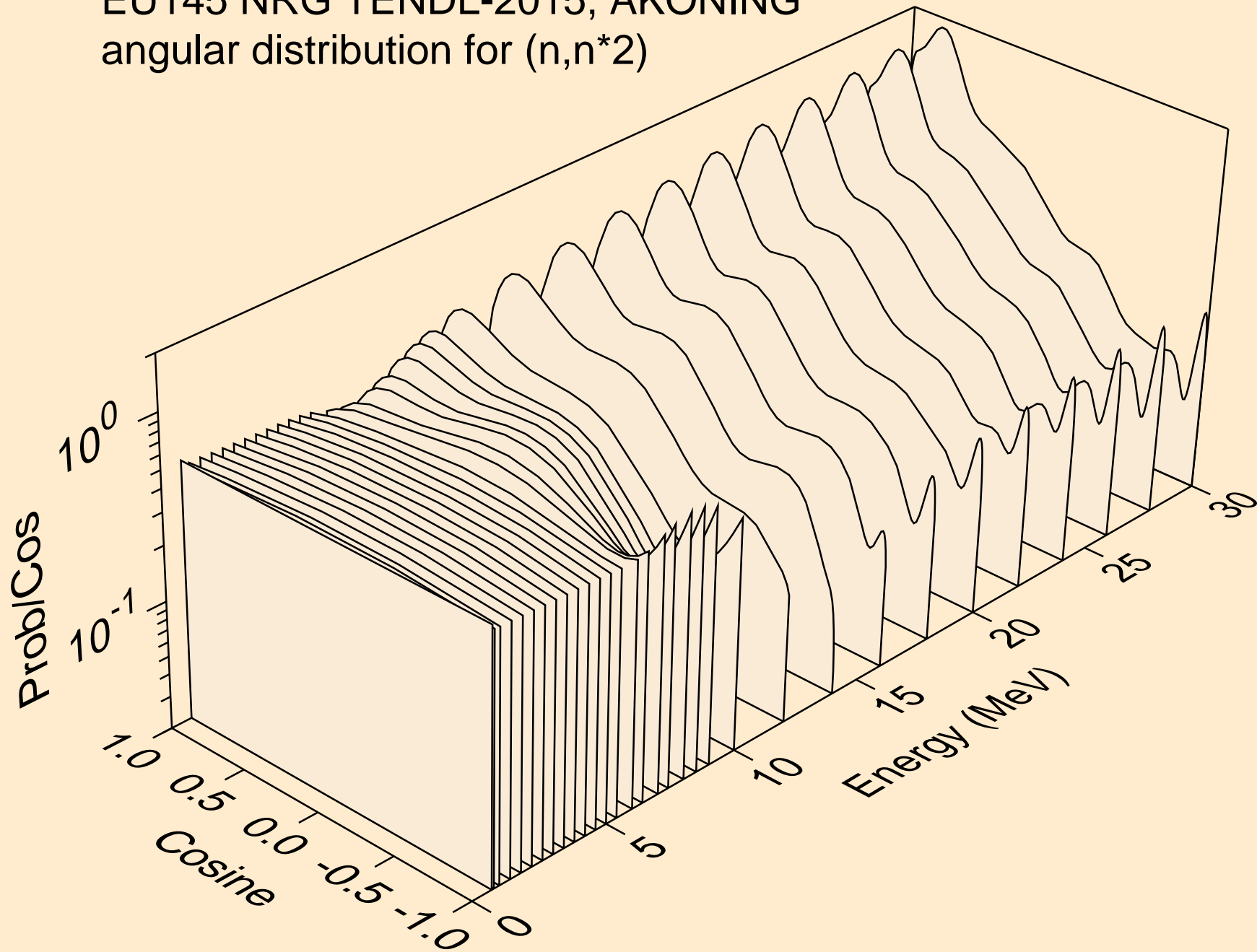
EU145 NRG TENDL-2015, AKONING  
angular distribution for elastic



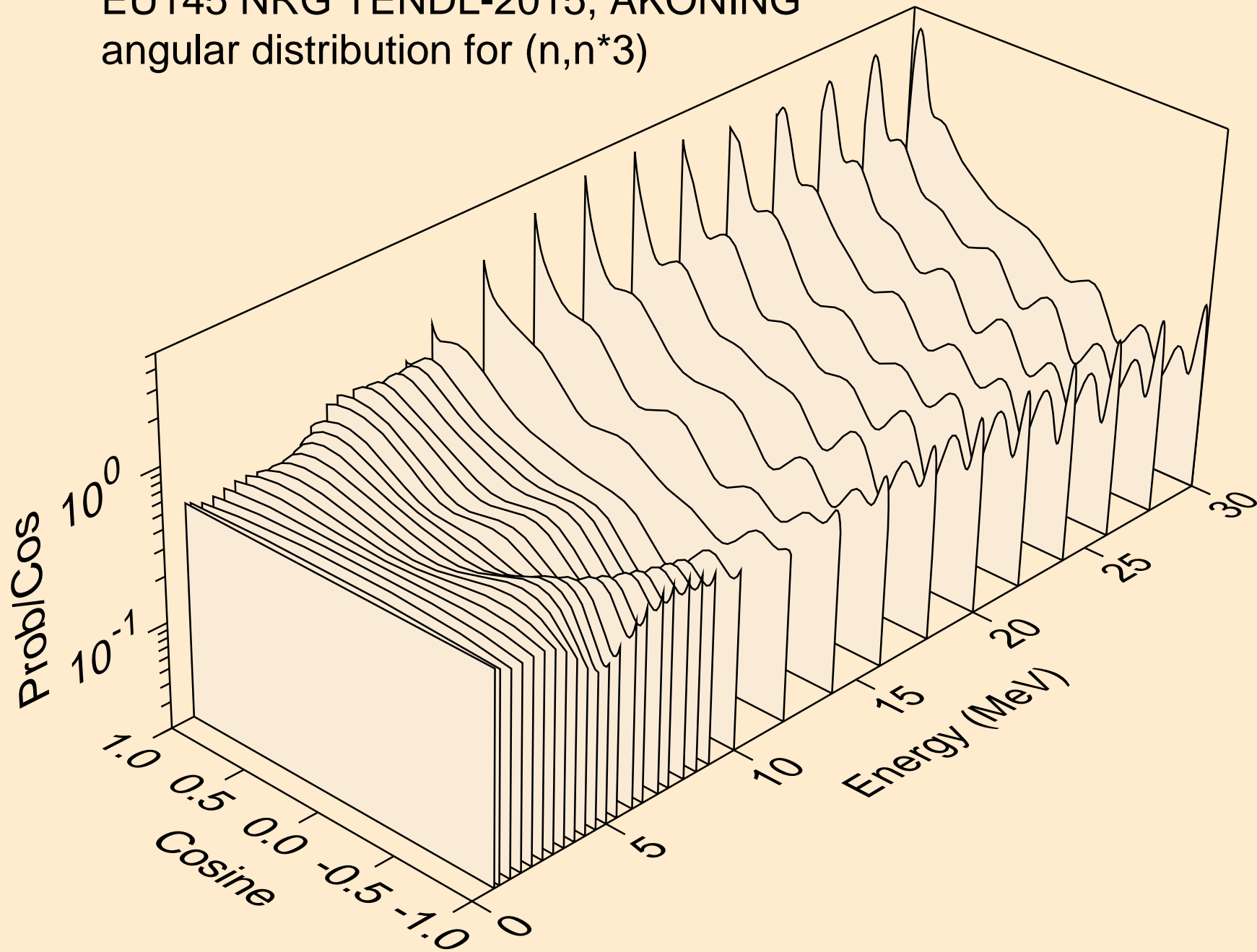
EU145 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



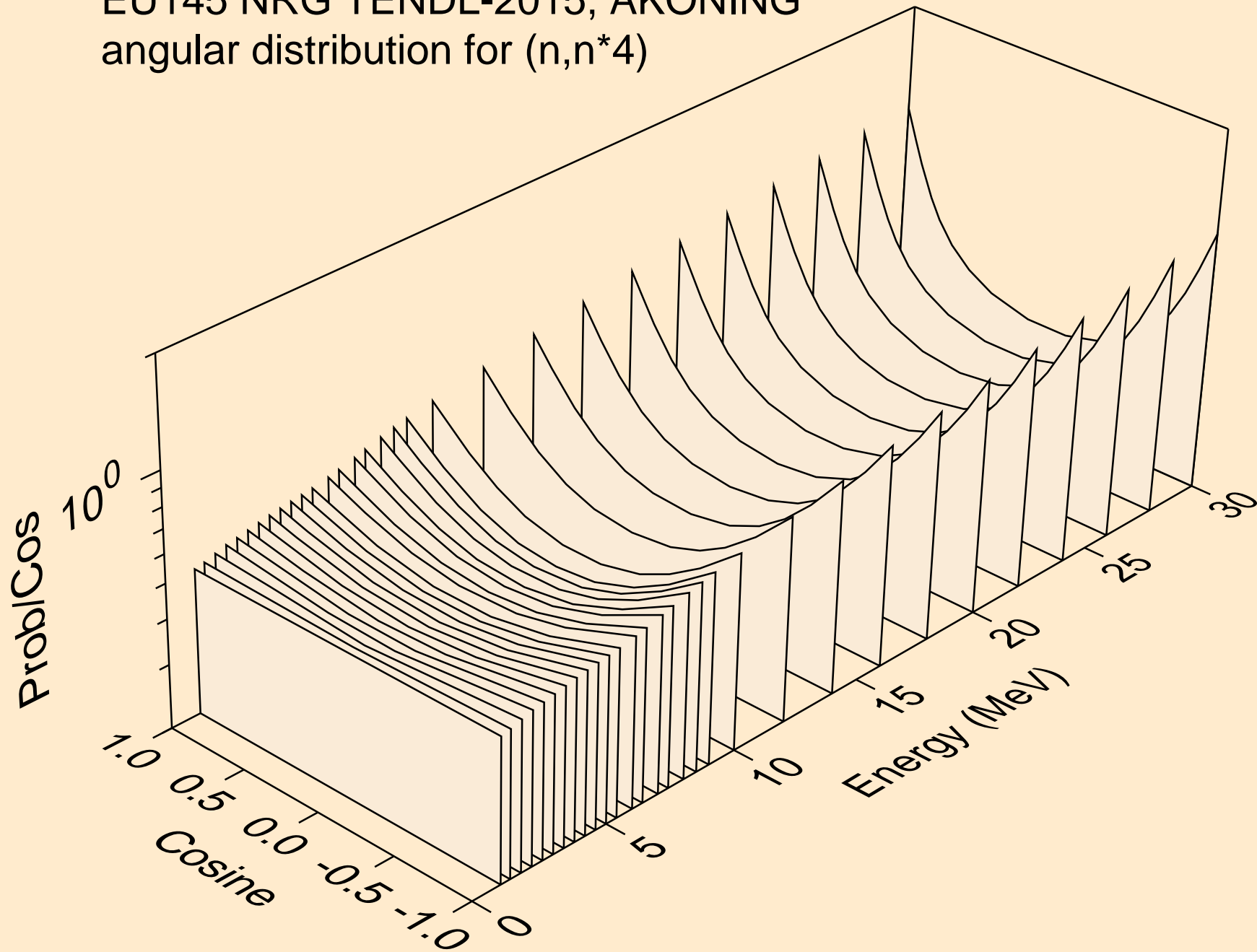
EU145 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



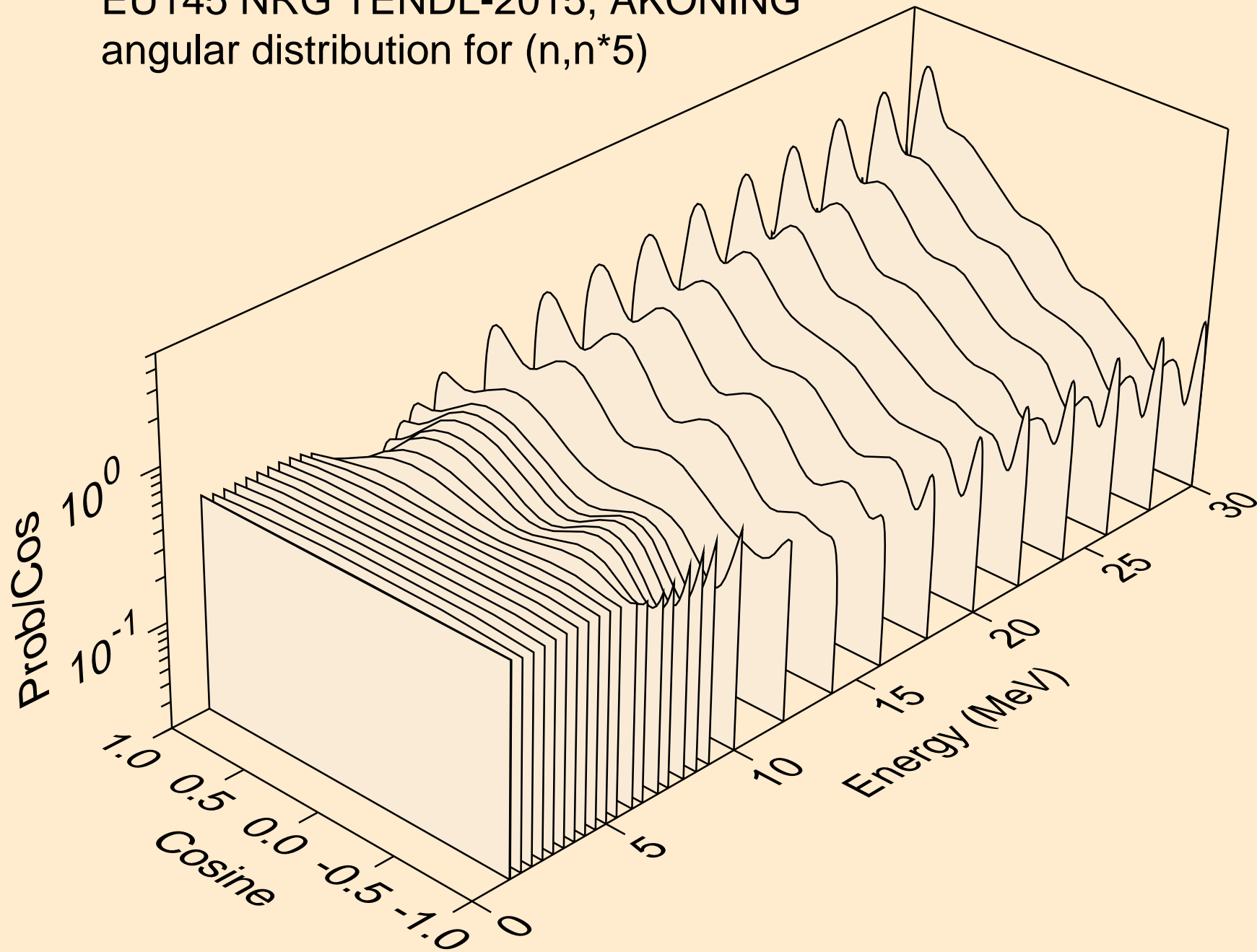
EU145 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



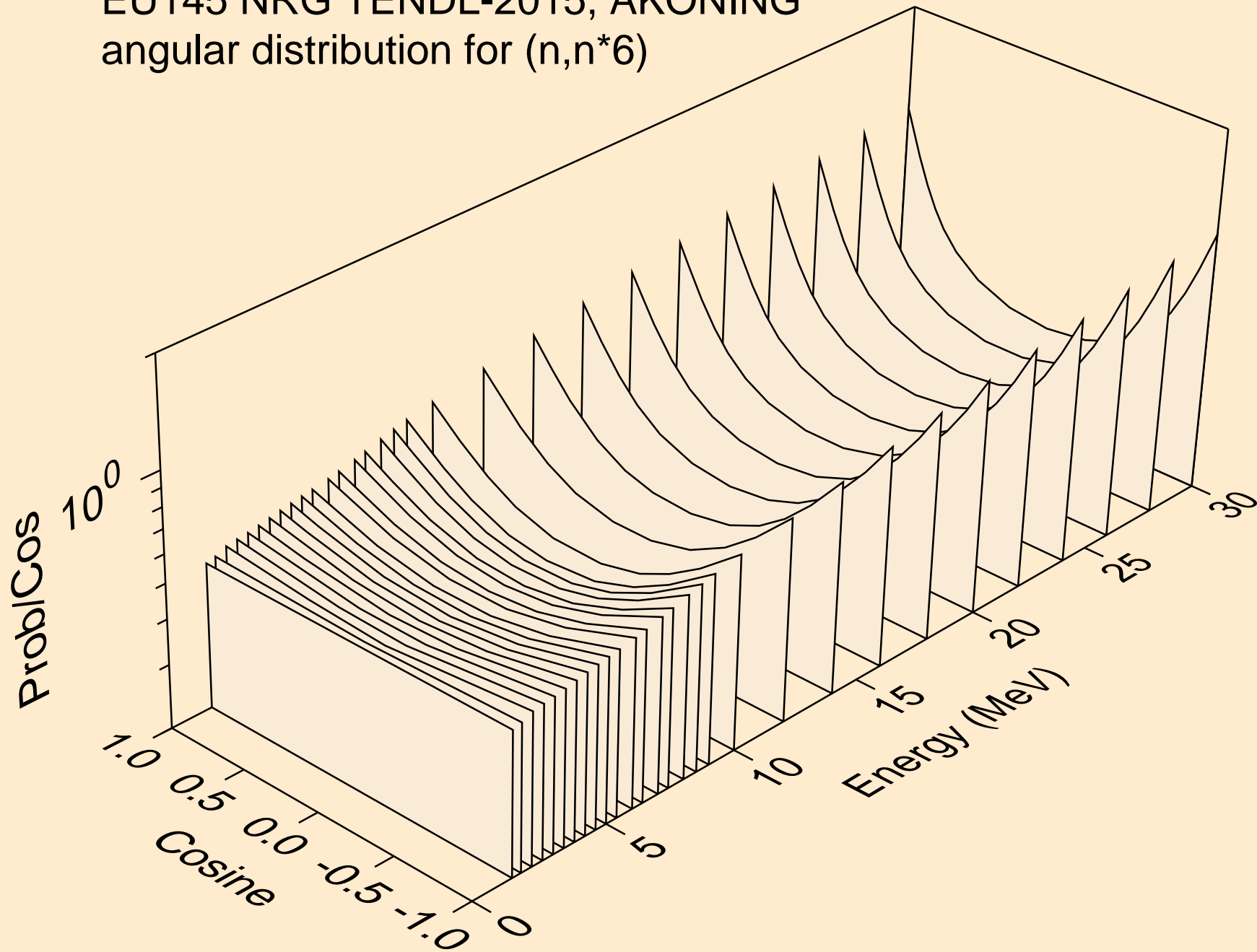
EU145 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



EU145 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

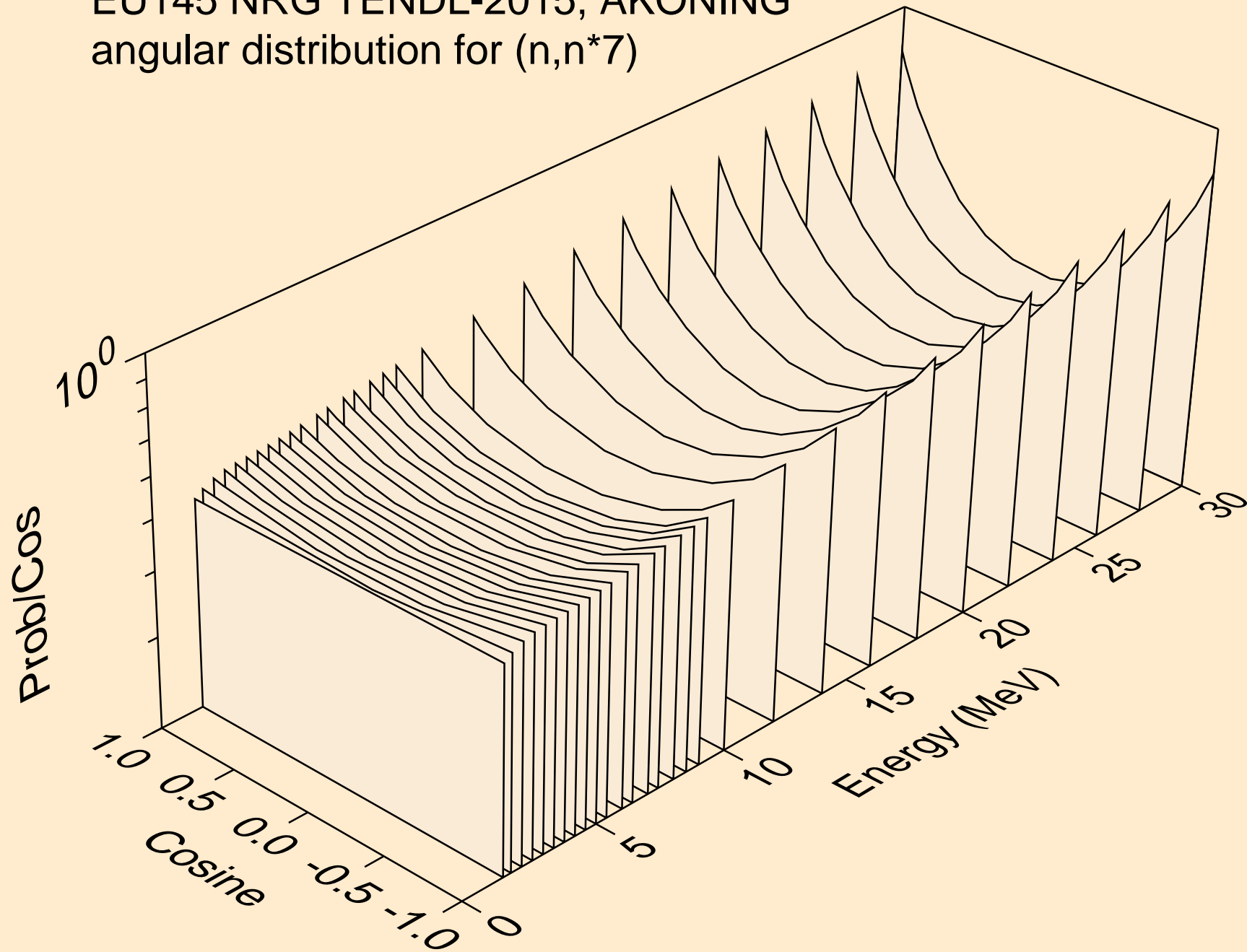


EU145 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

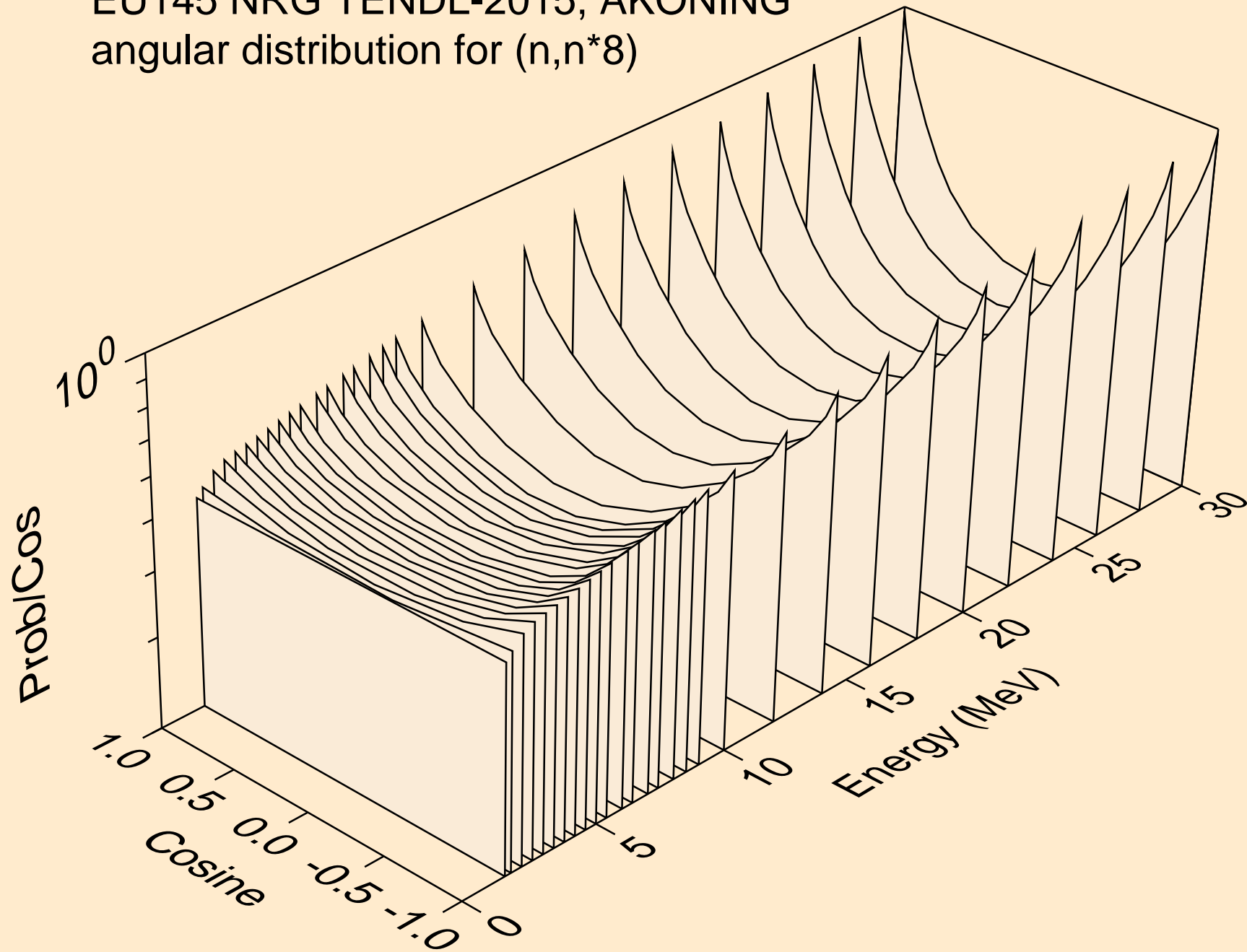




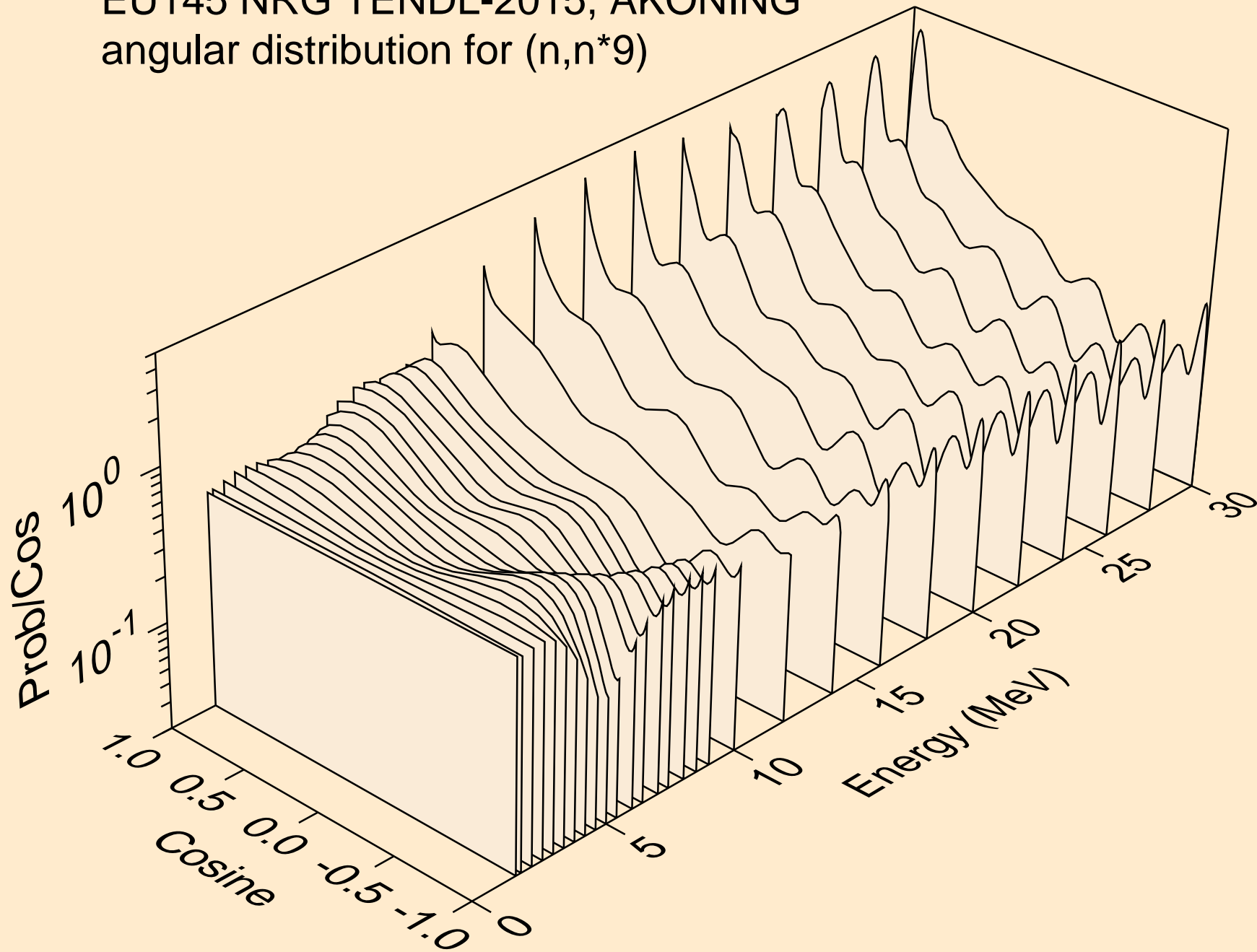
EU145 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



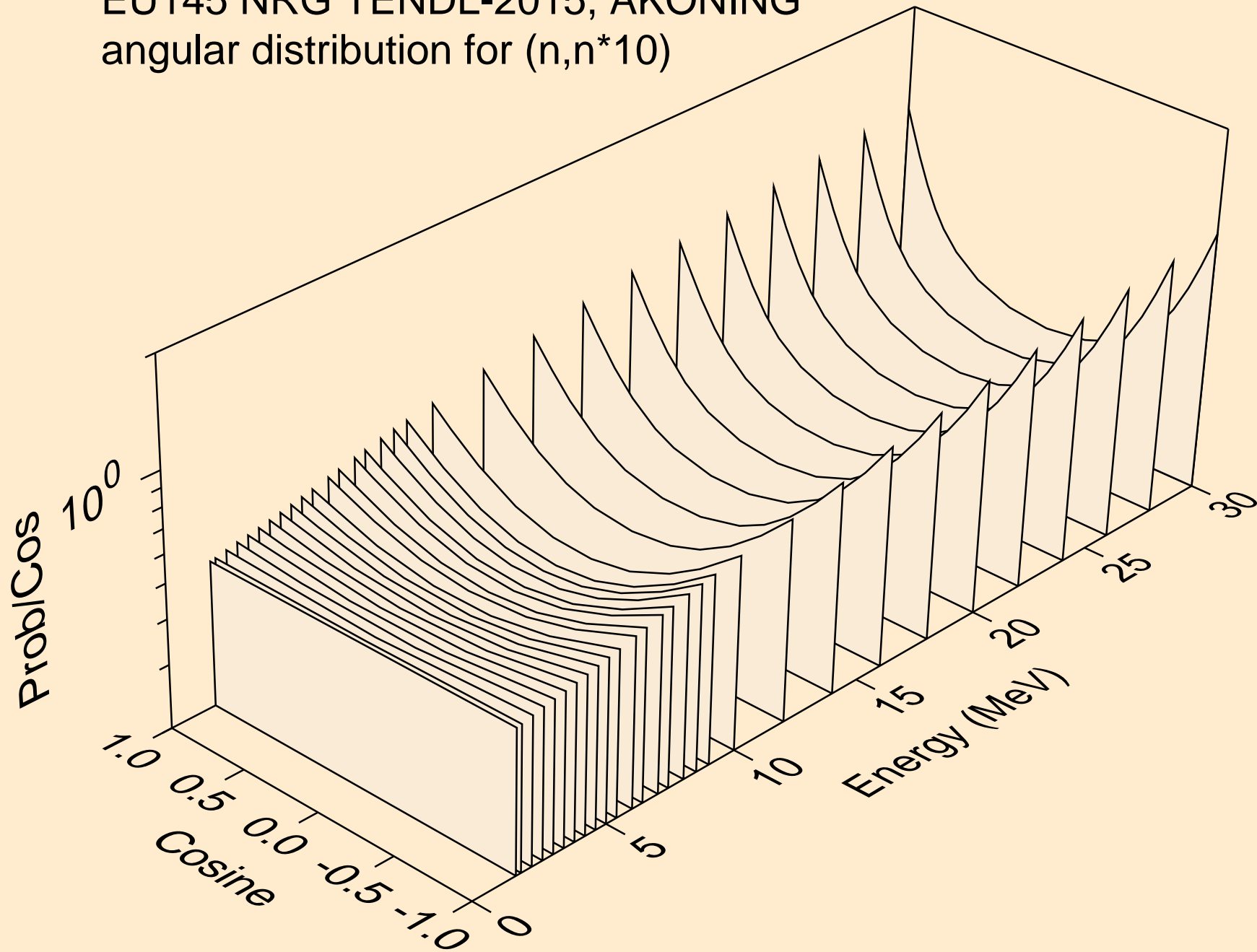
EU145 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



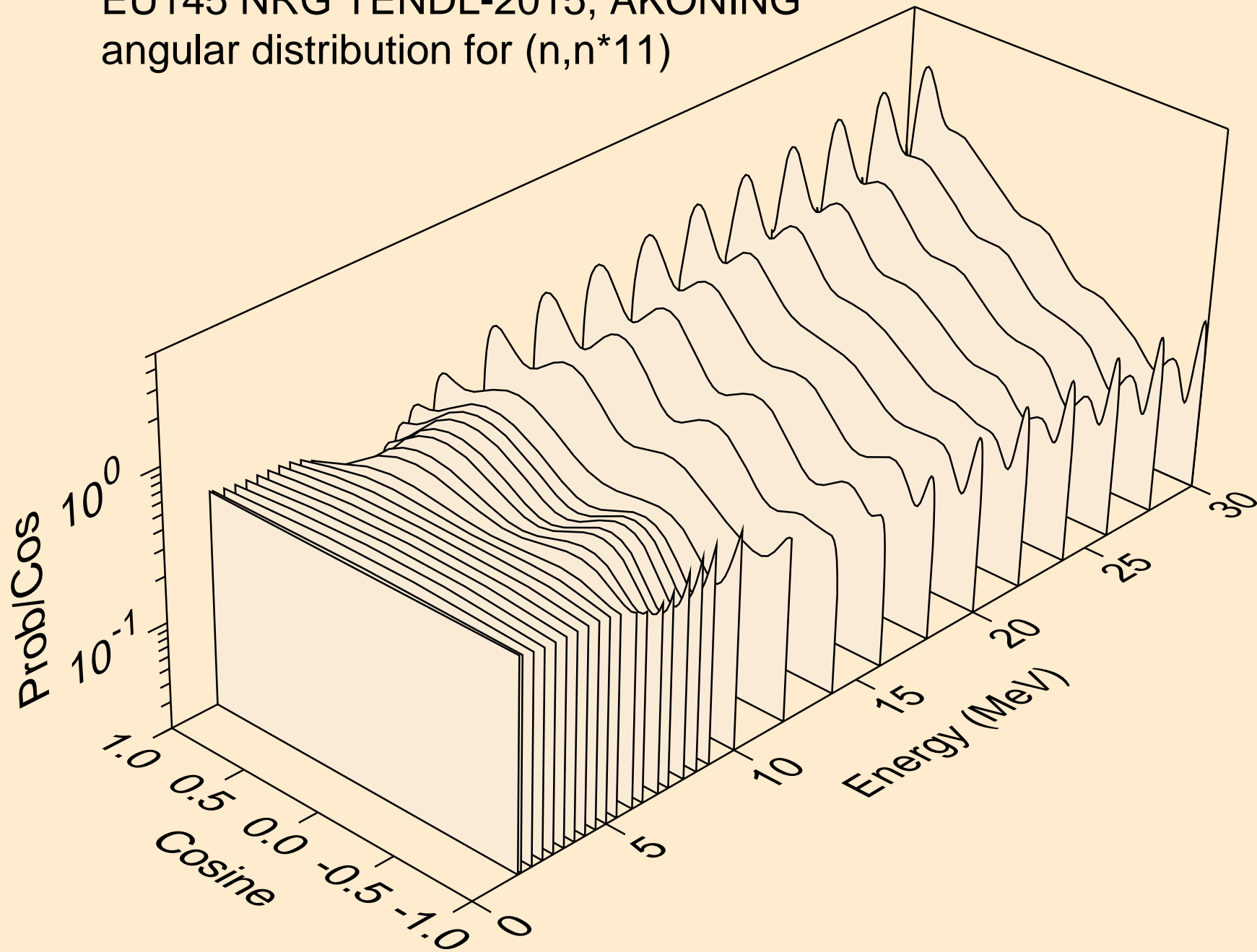
EU145 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



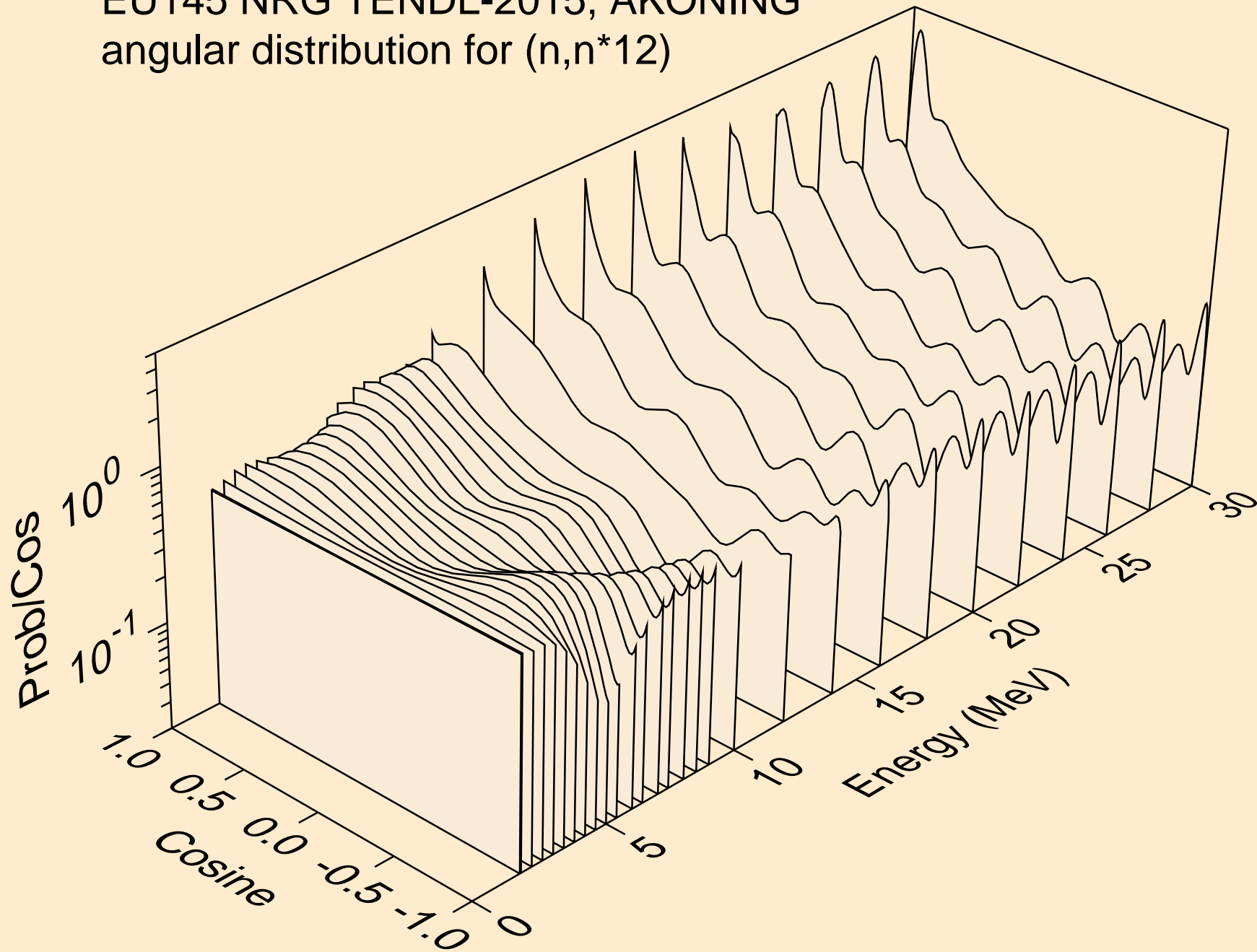
EU145 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



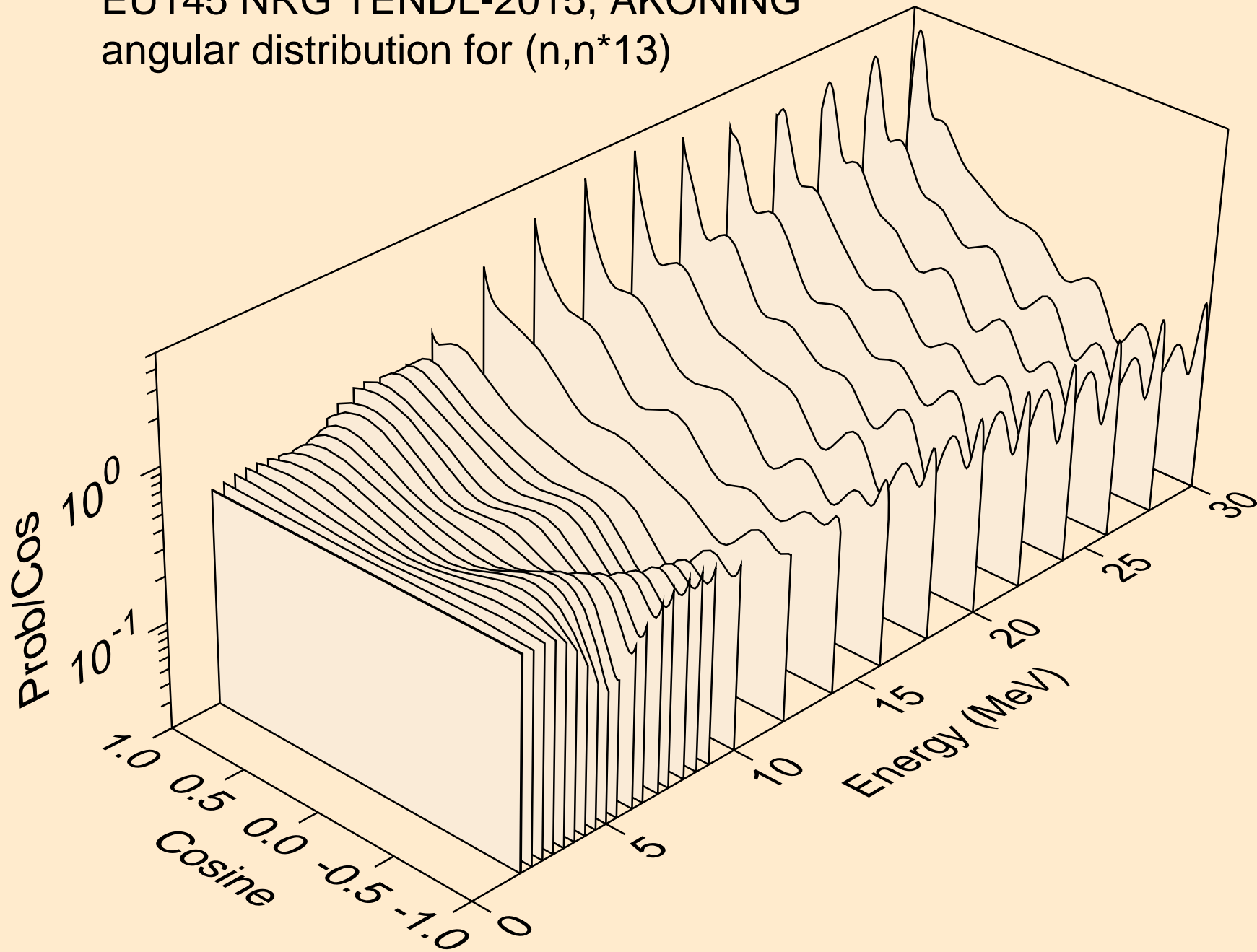
EU145 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



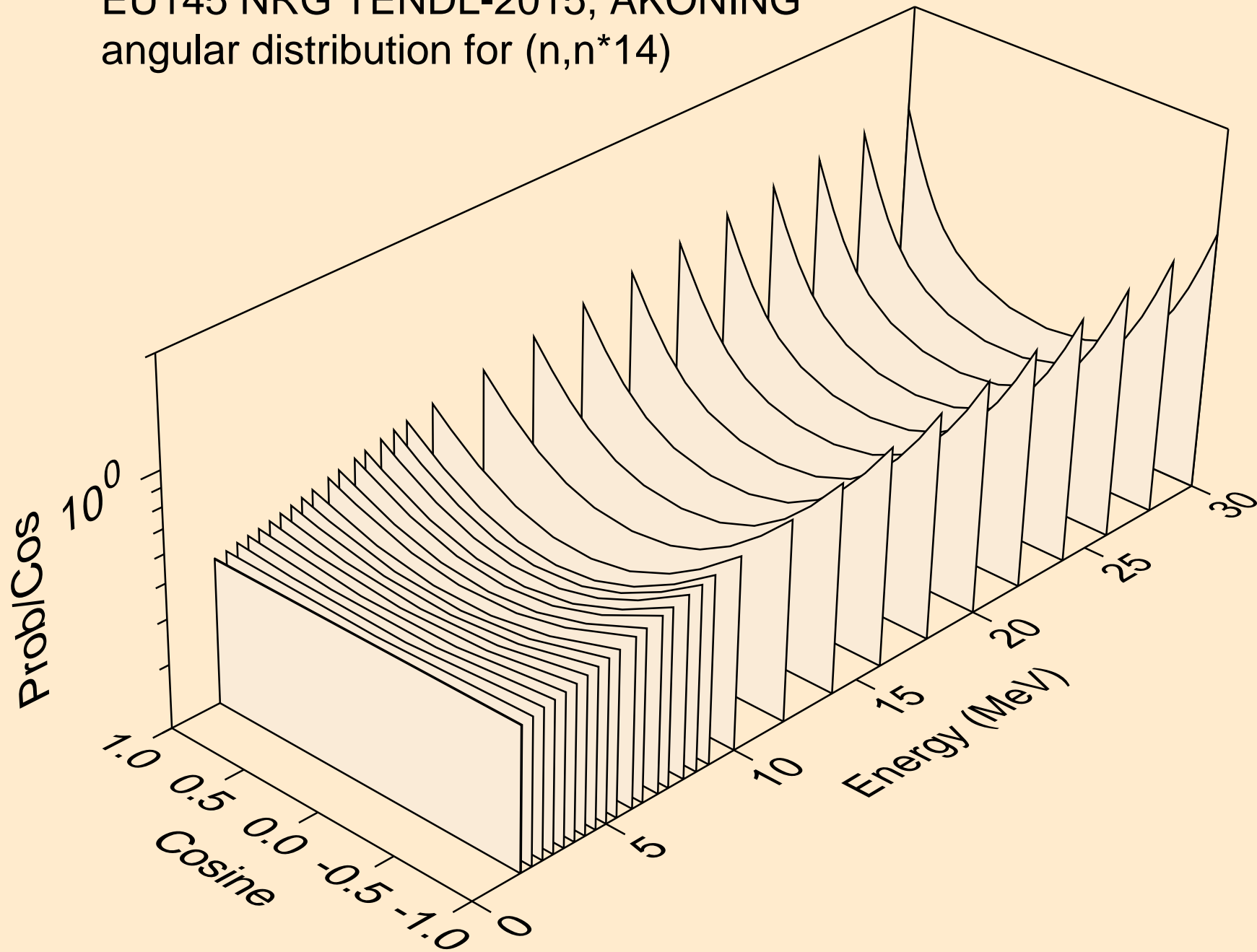
EU145 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



EU145 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

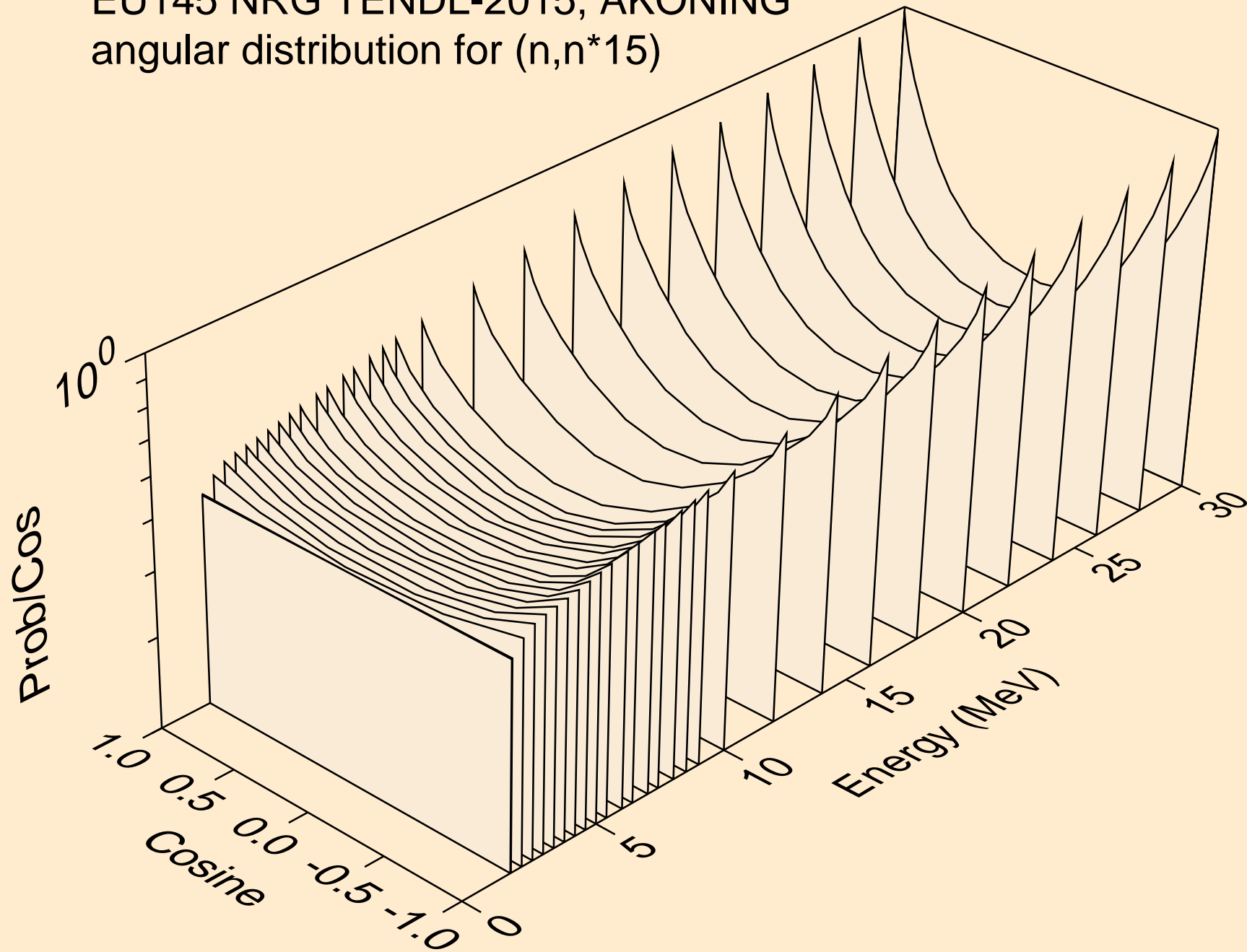


EU145 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

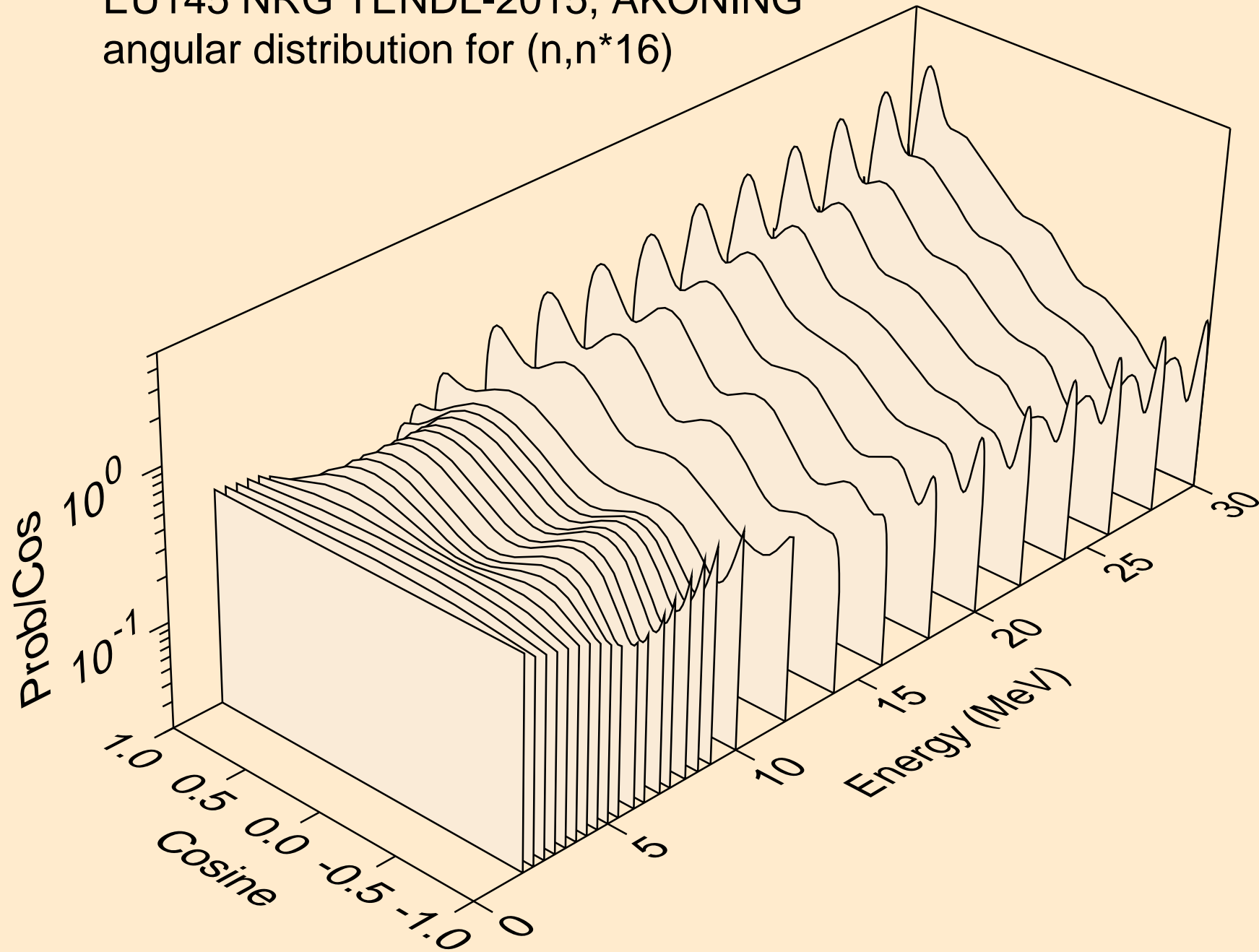




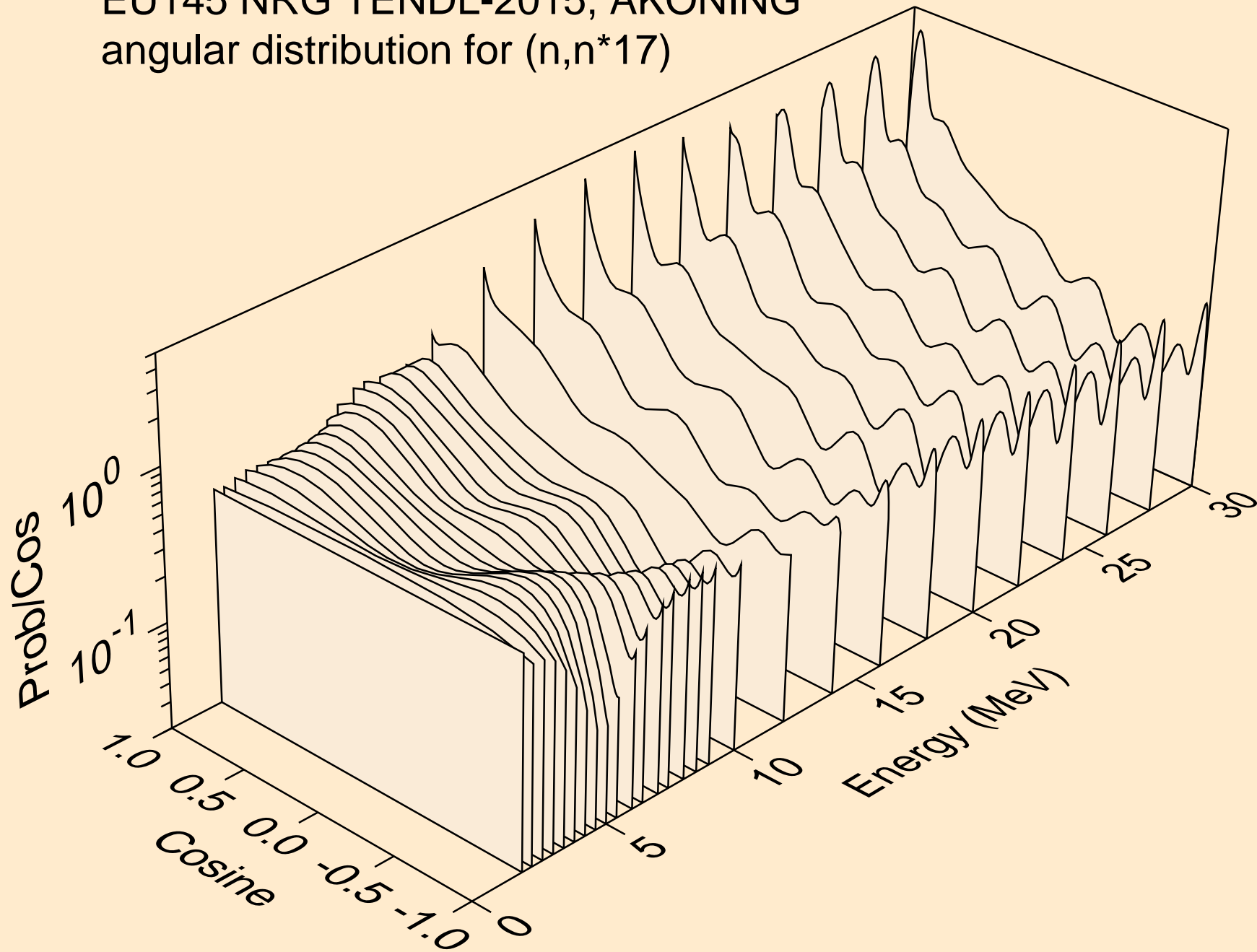
EU145 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



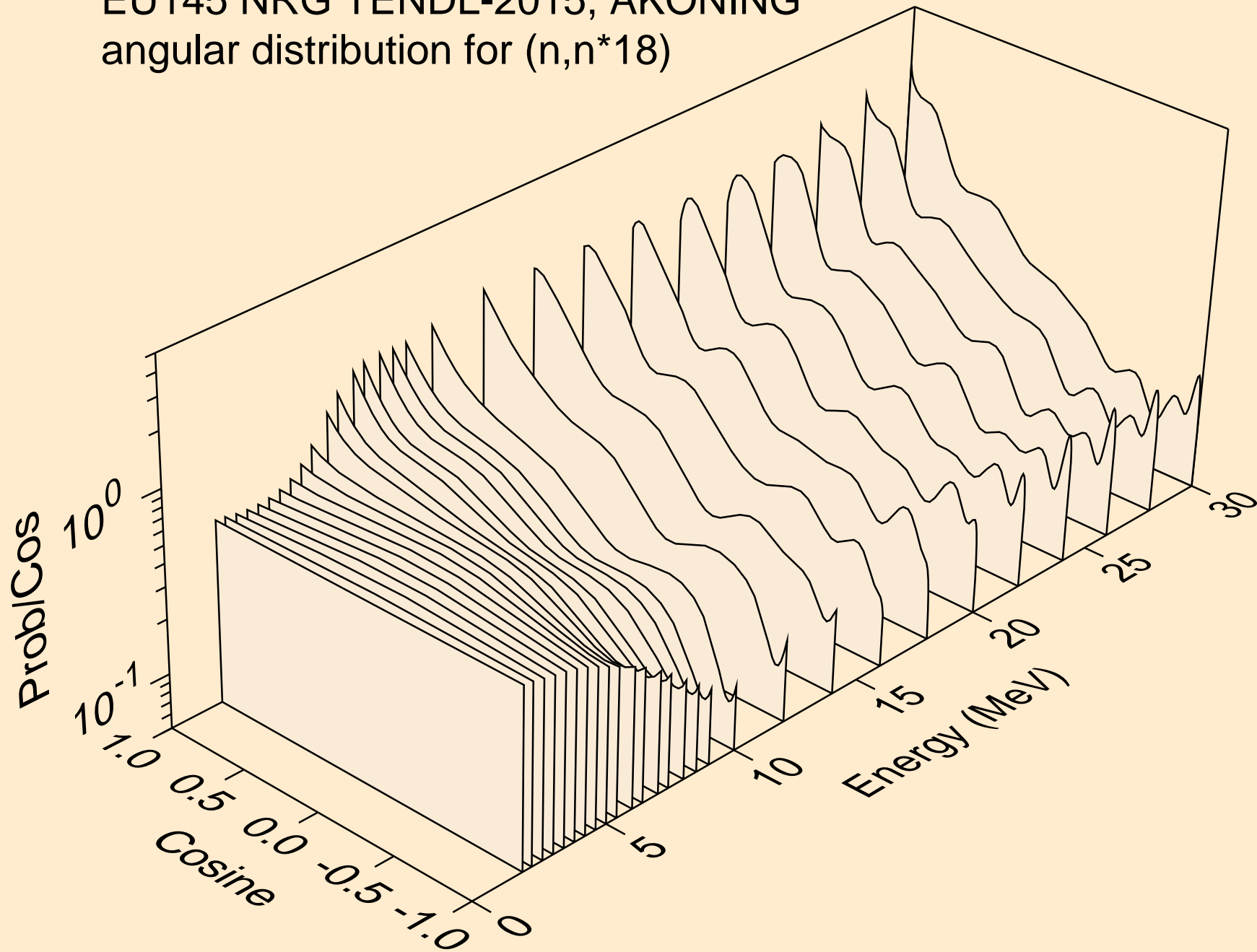
EU145 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



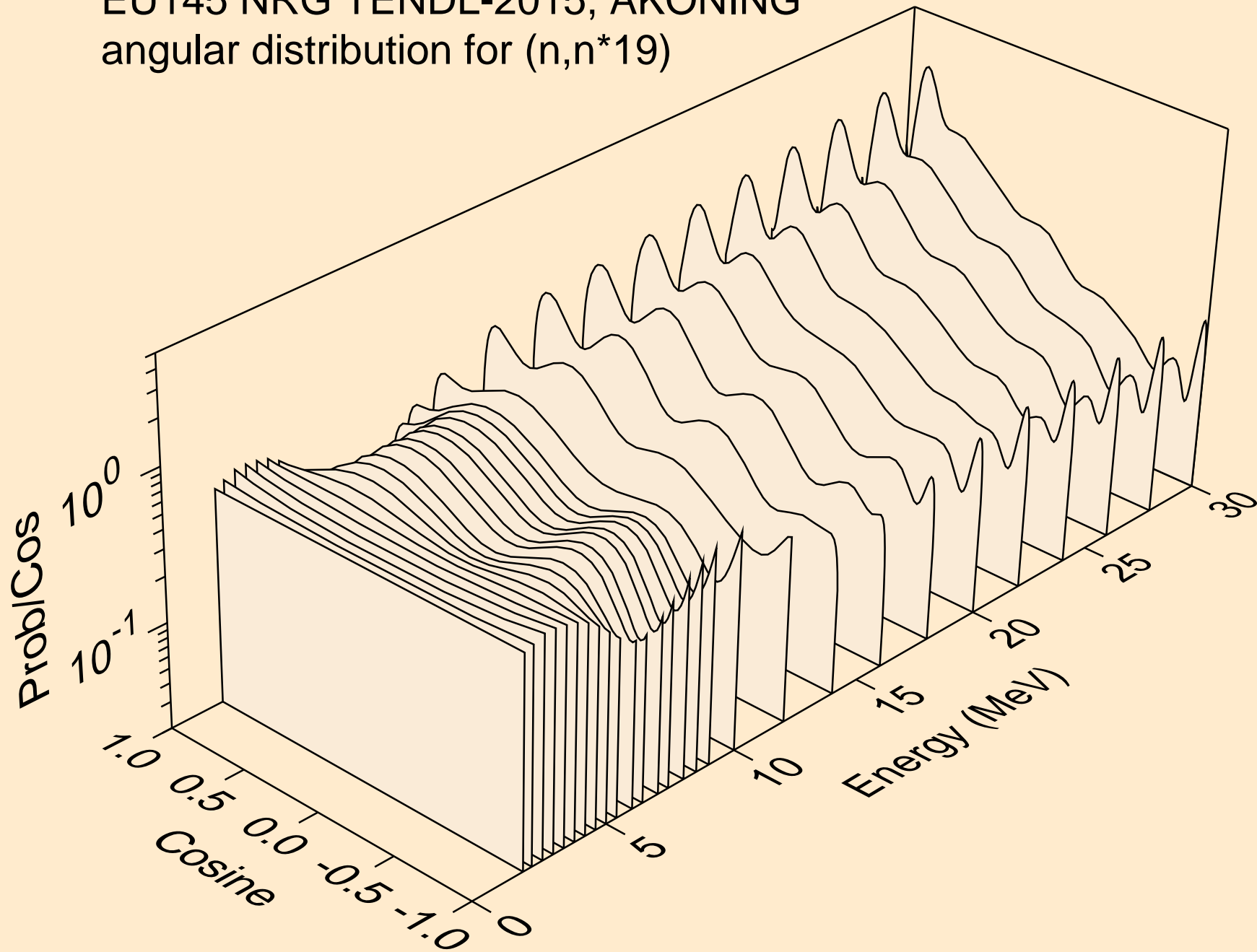
EU145 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



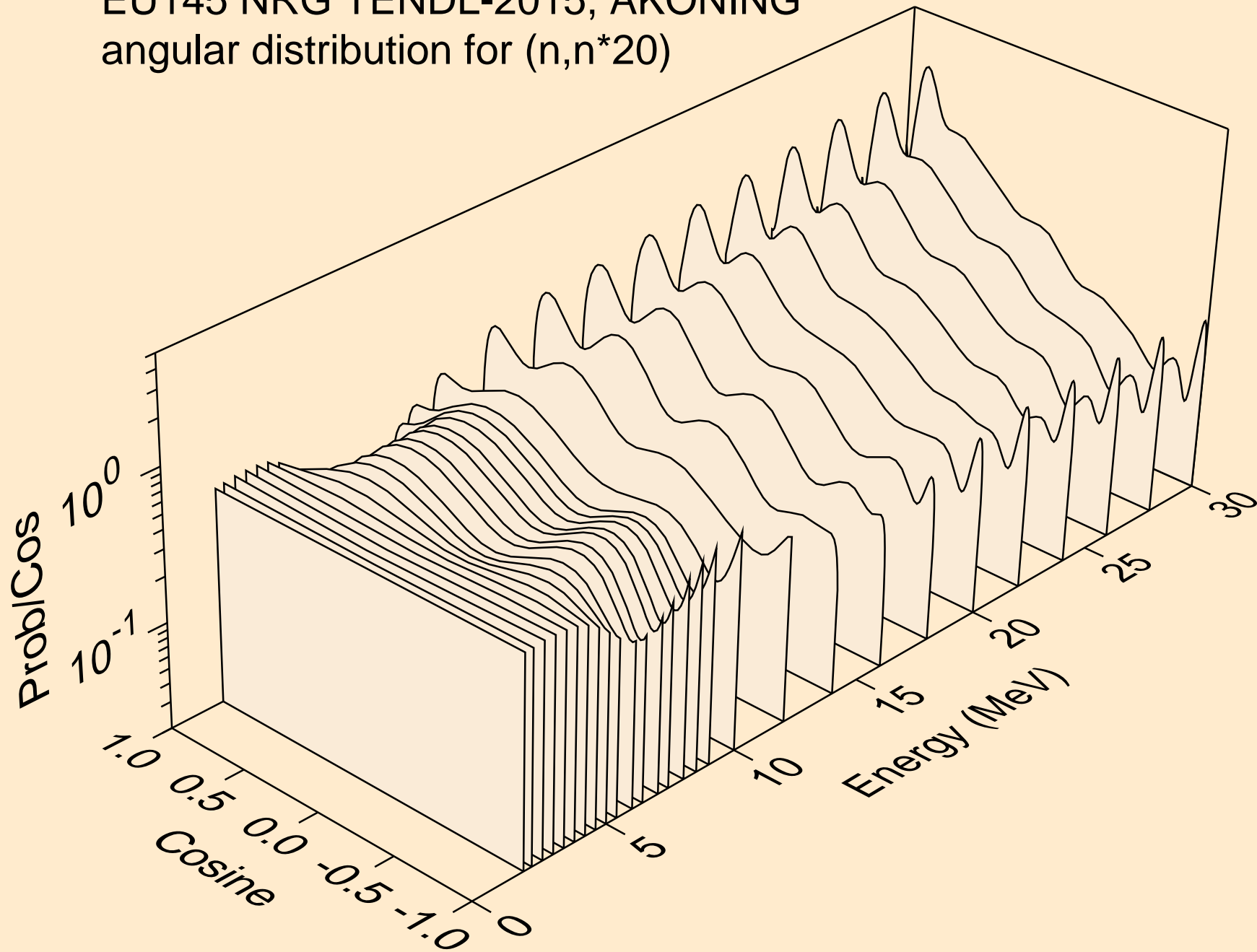
EU145 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



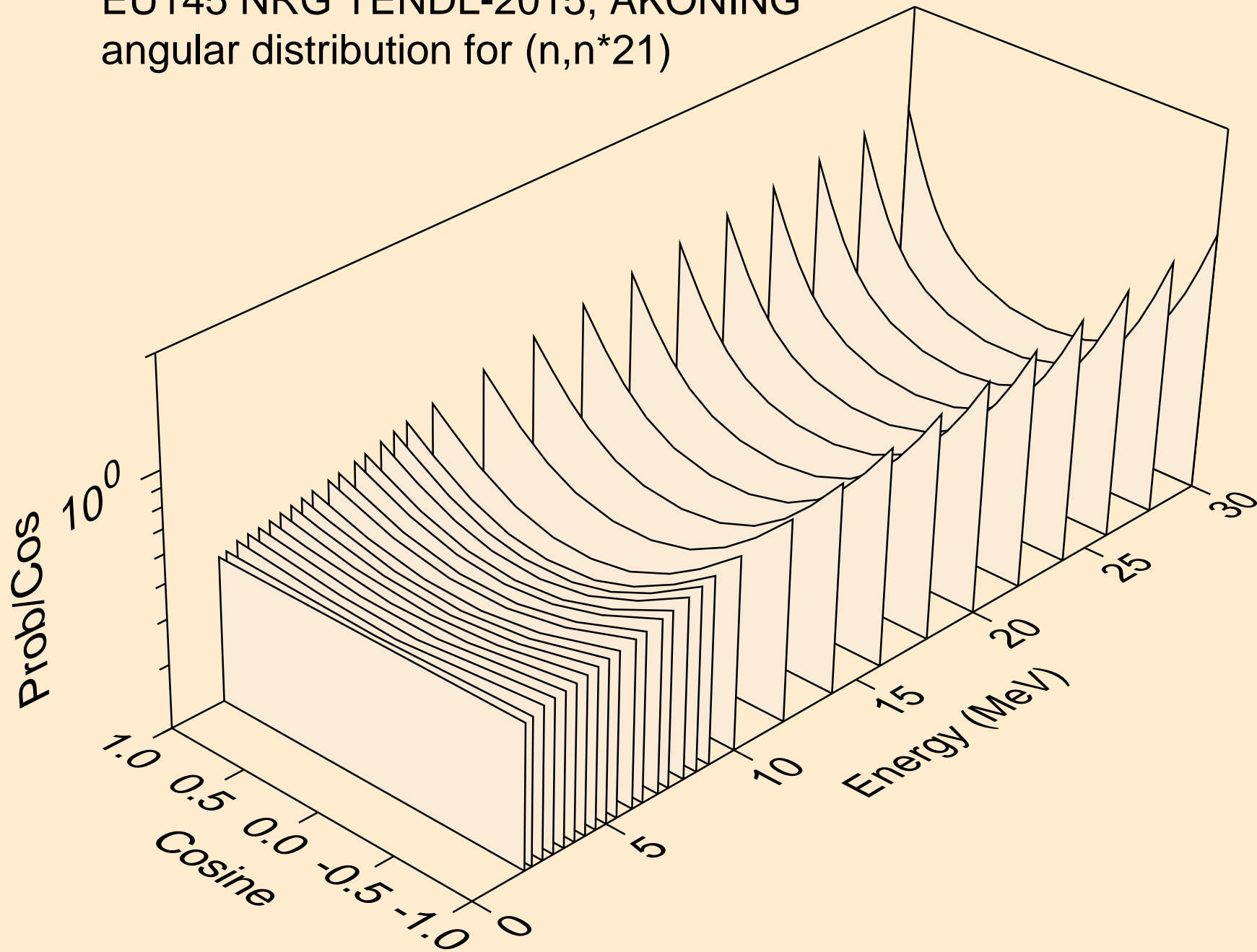
EU145 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



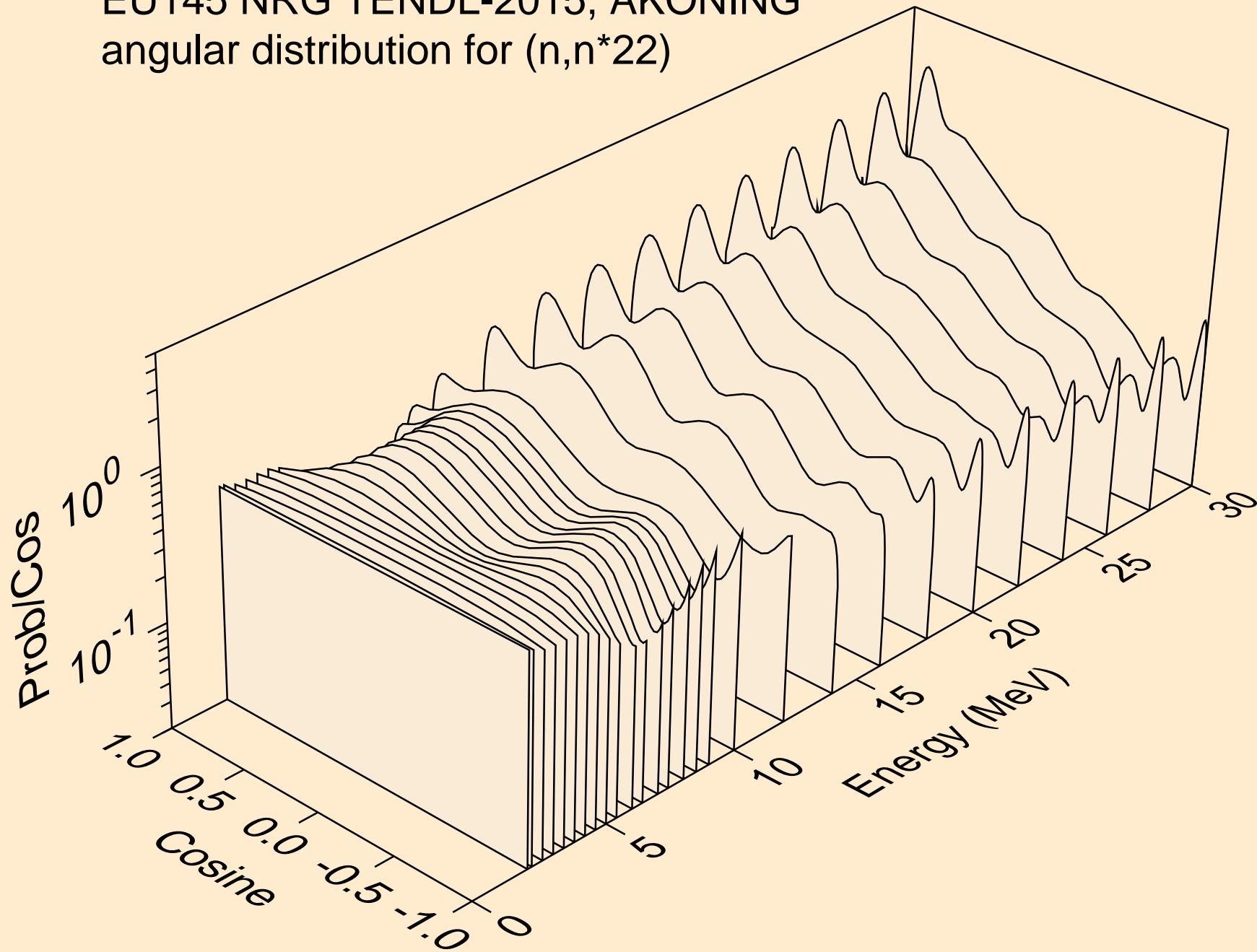
EU145 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



EU145 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

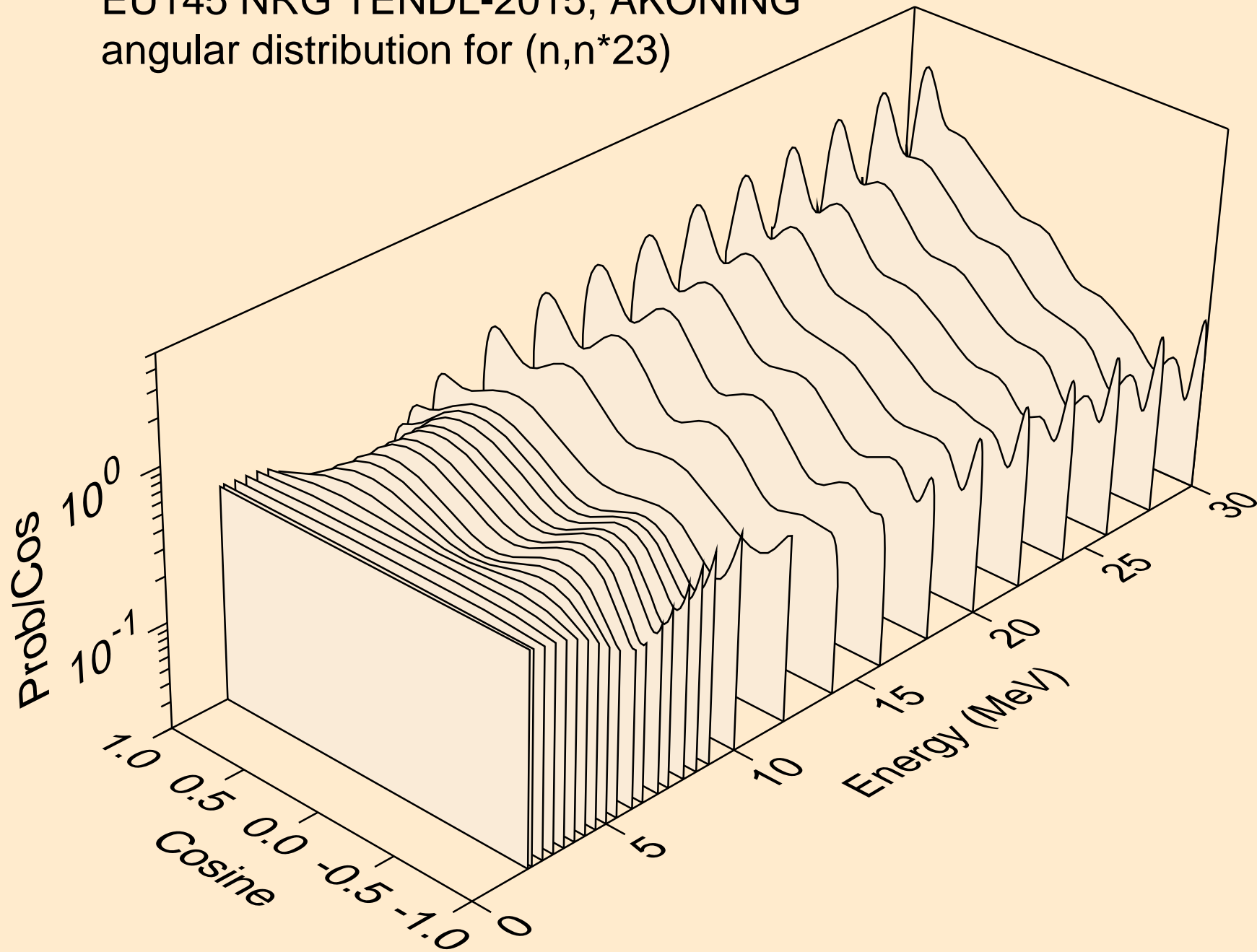


EU145 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

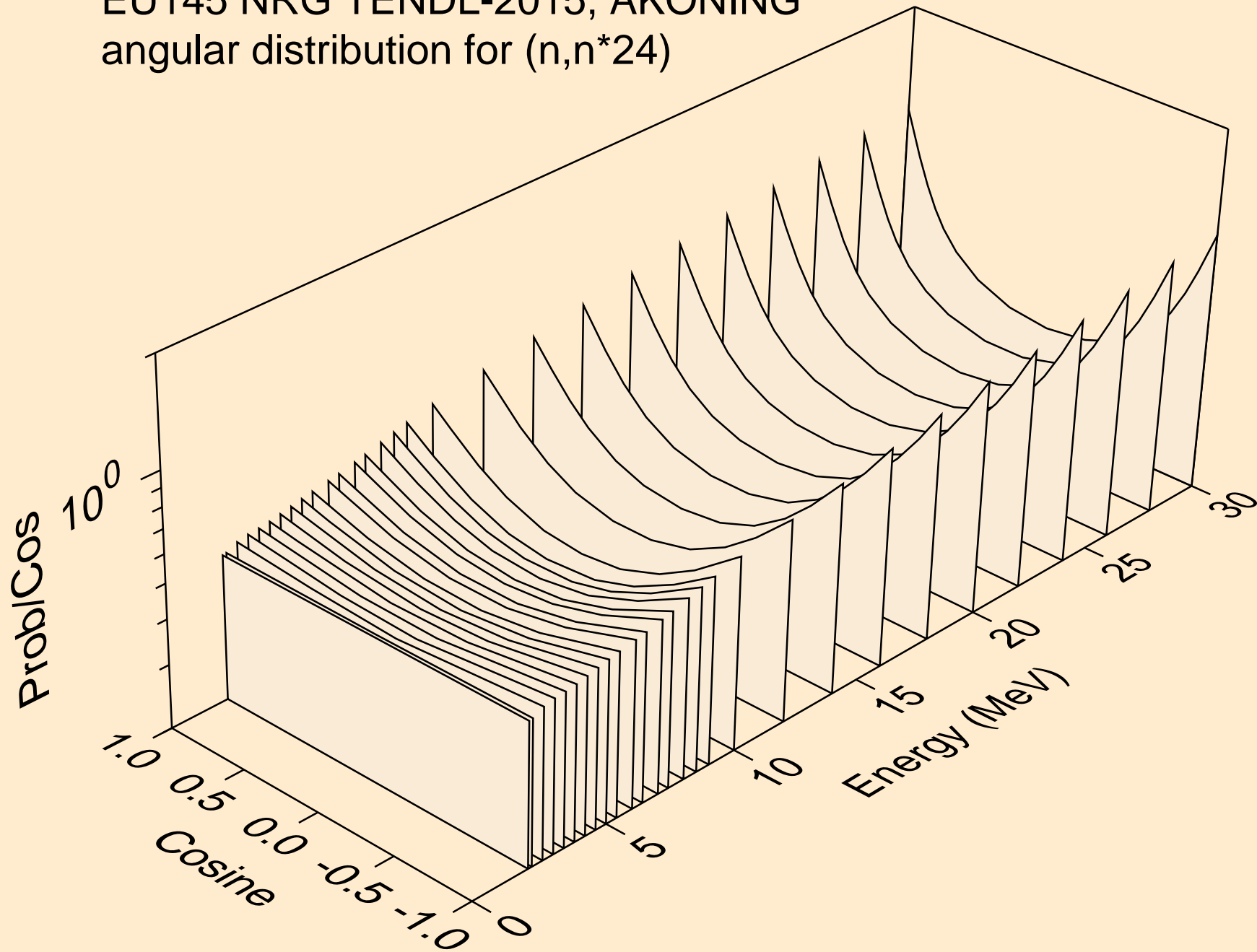




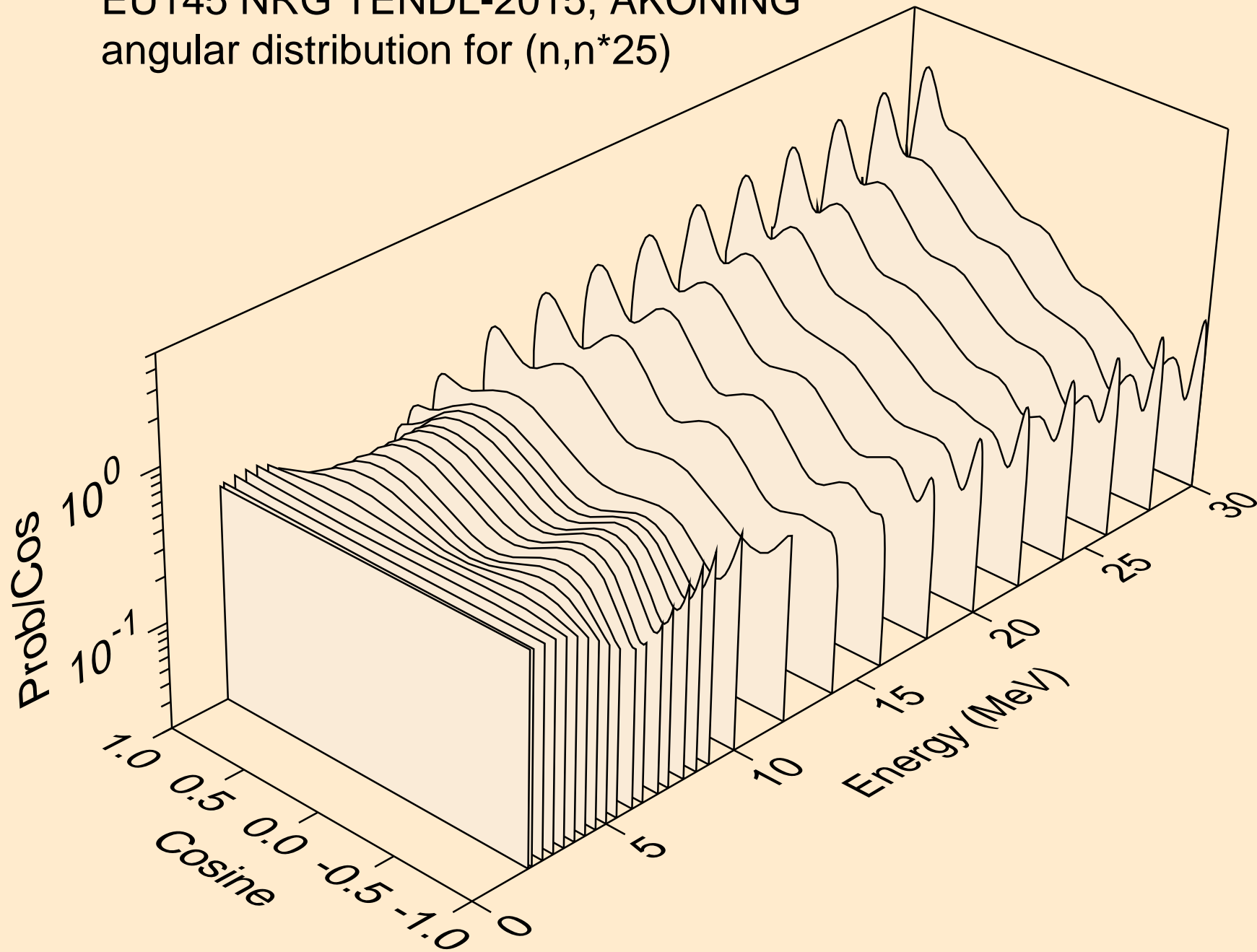
EU145 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



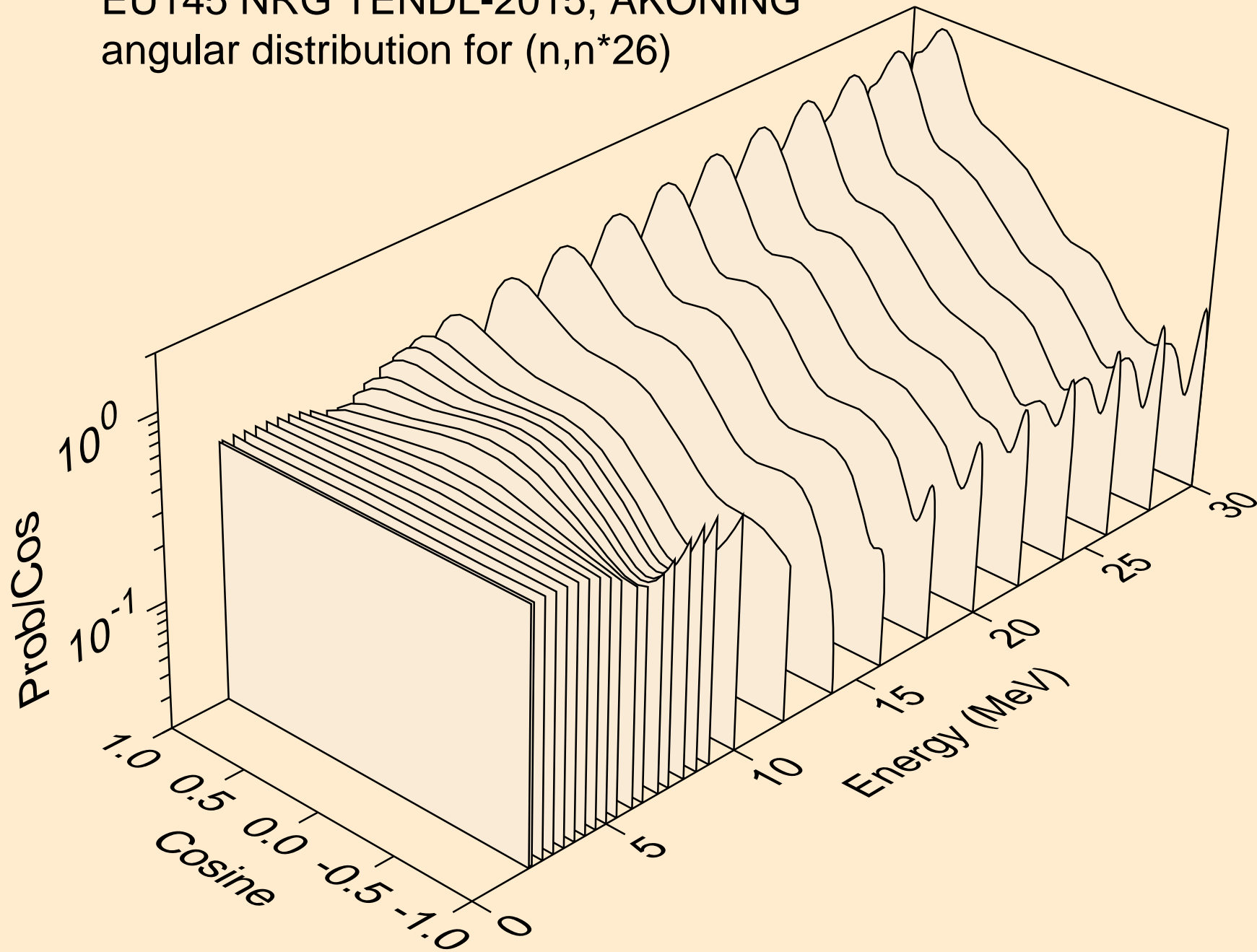
EU145 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



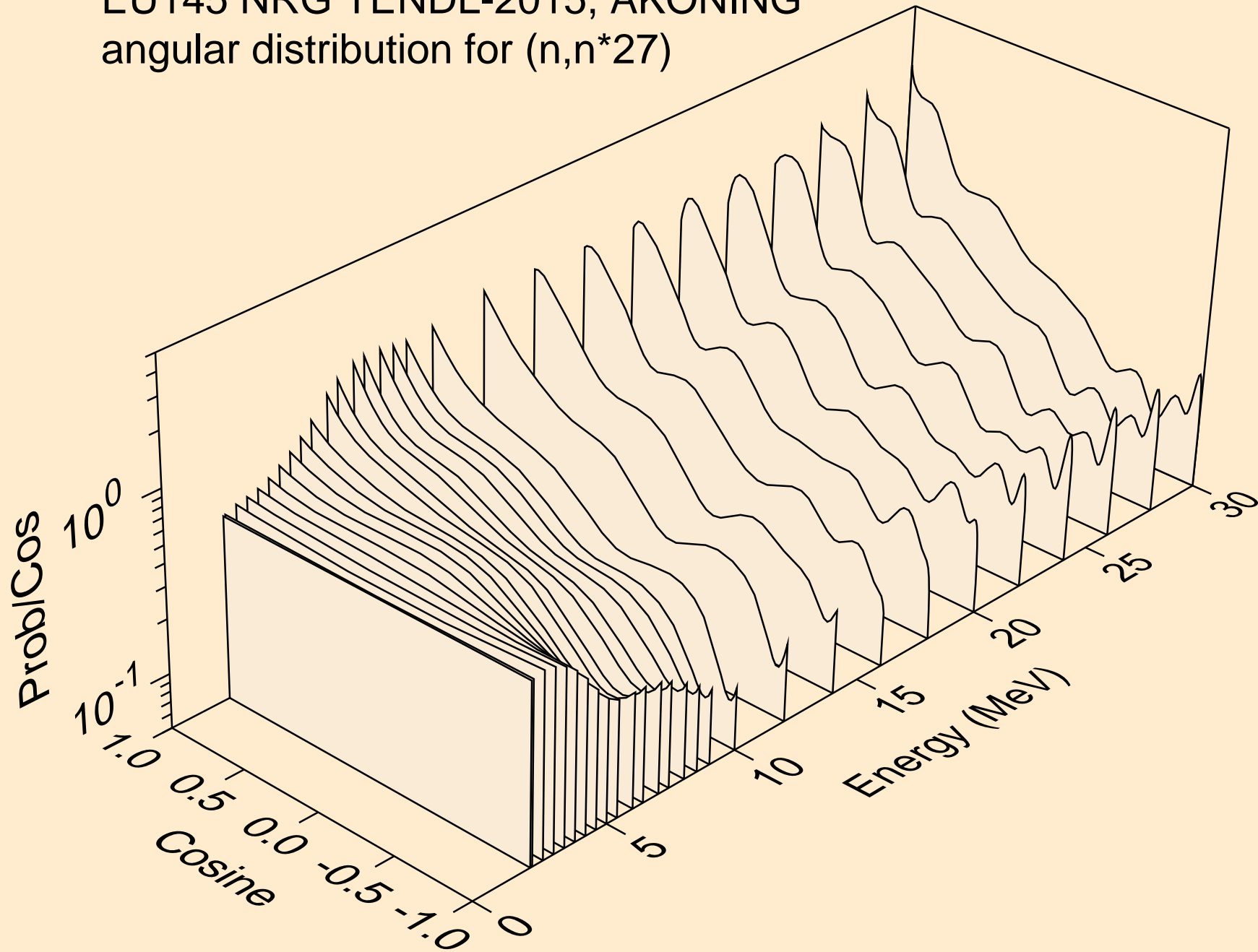
EU145 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



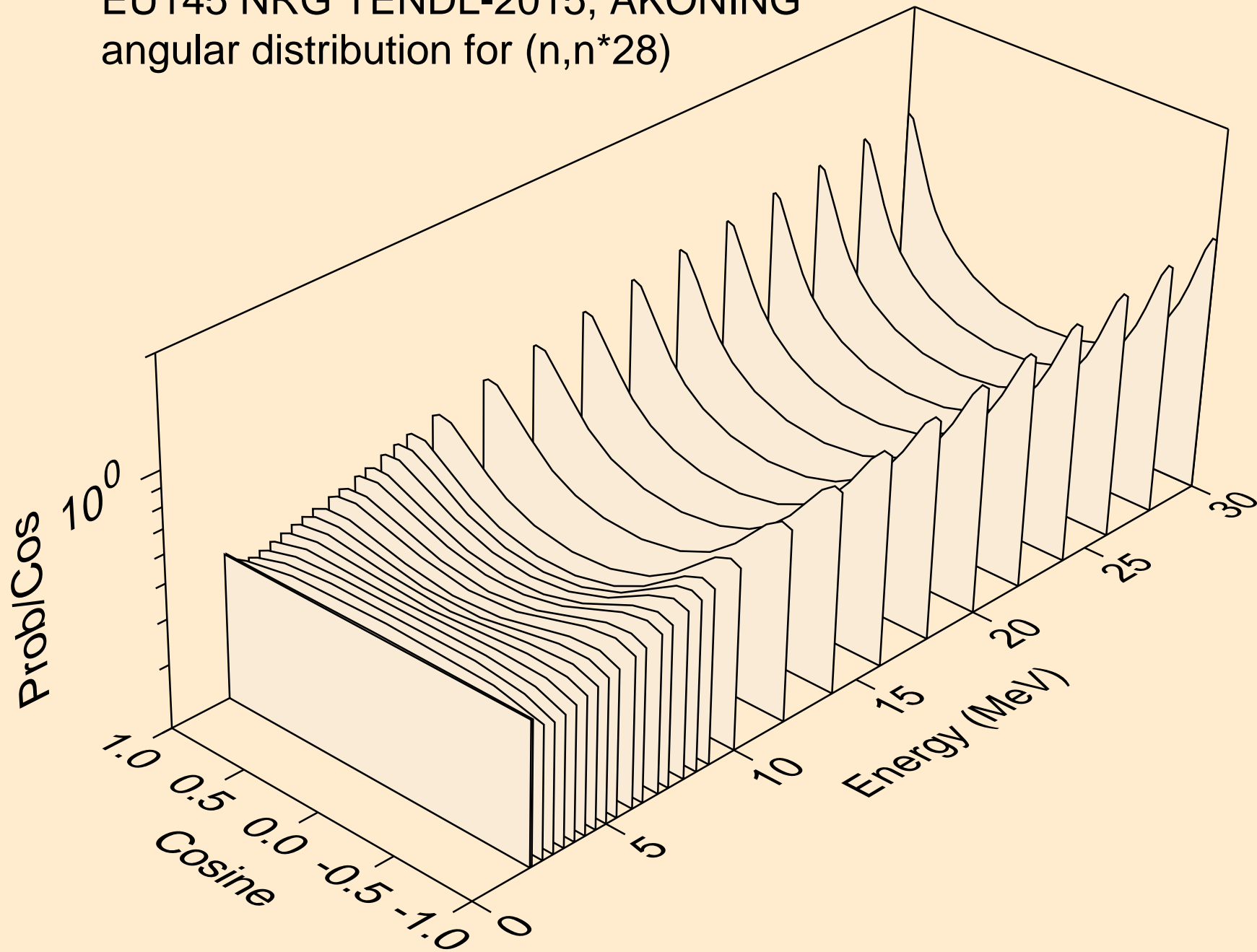
EU145 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



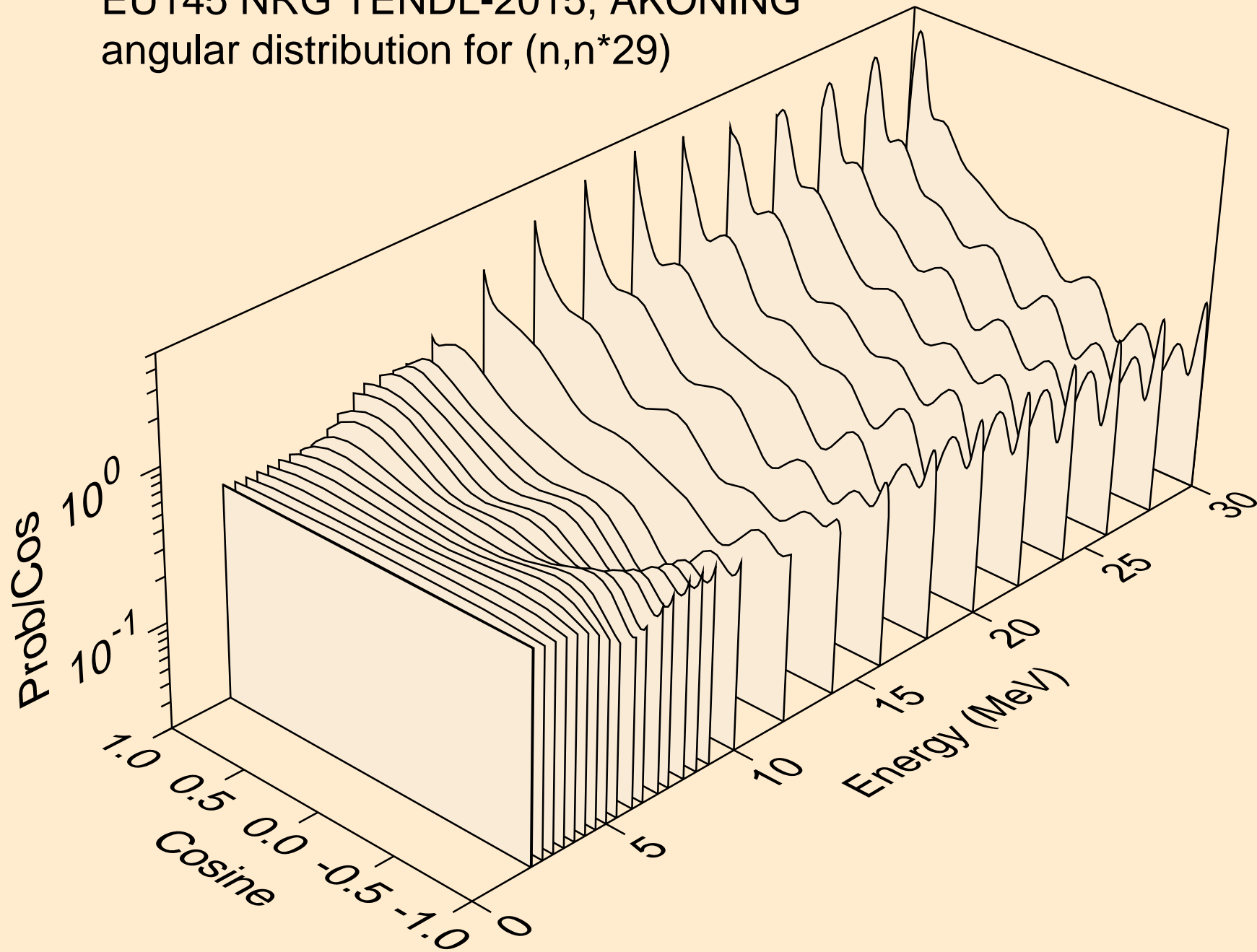
EU145 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



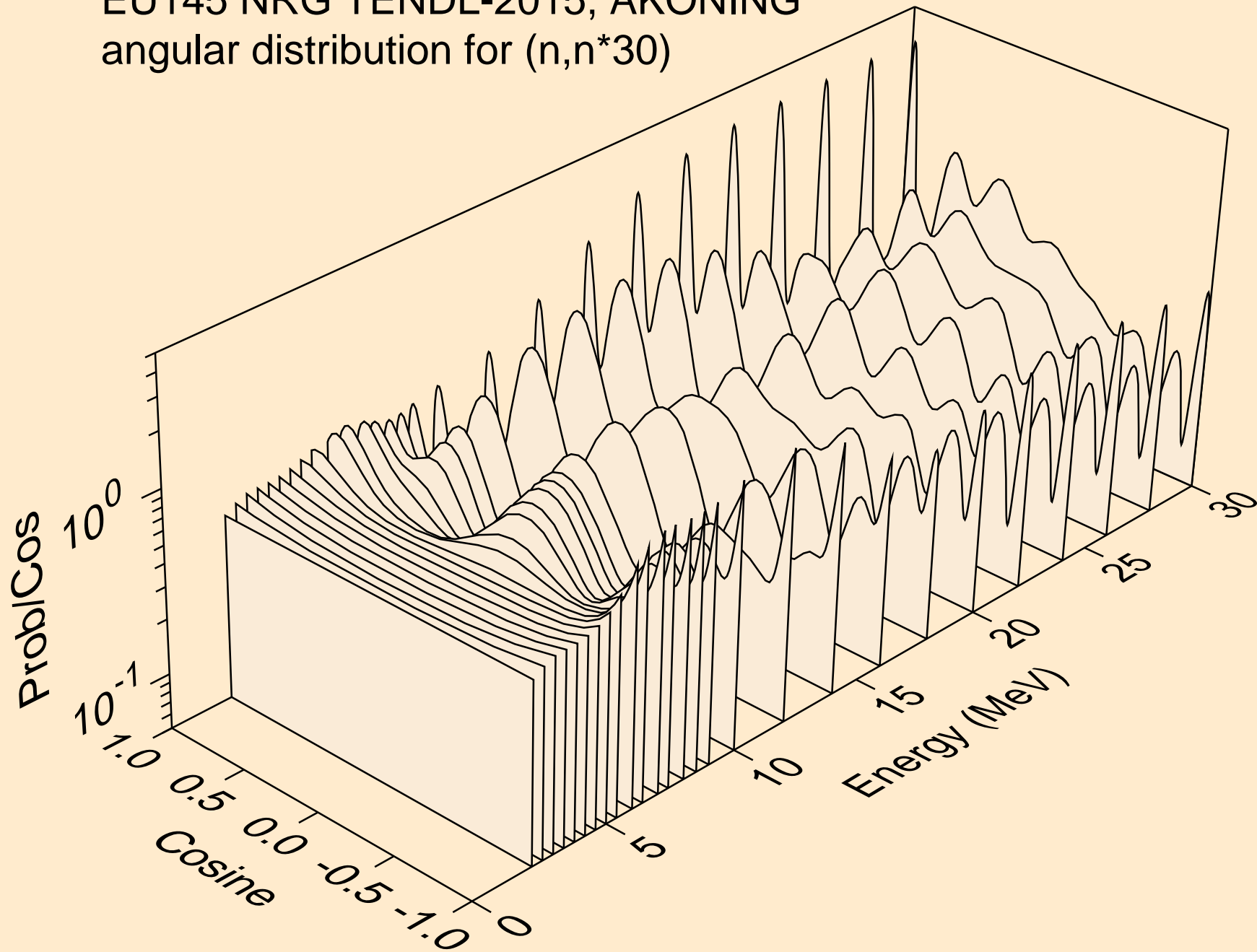
EU145 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



EU145 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

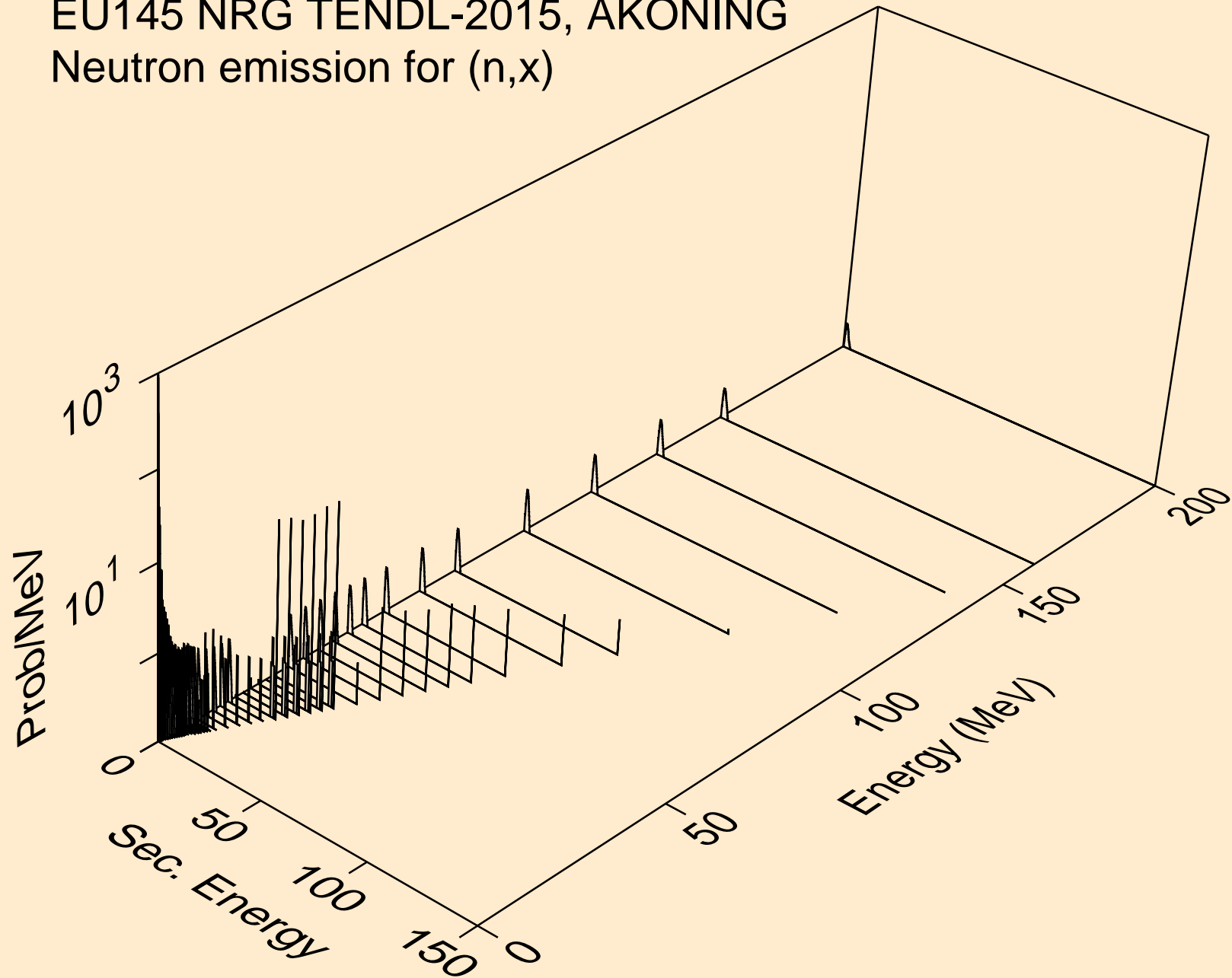


EU145 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

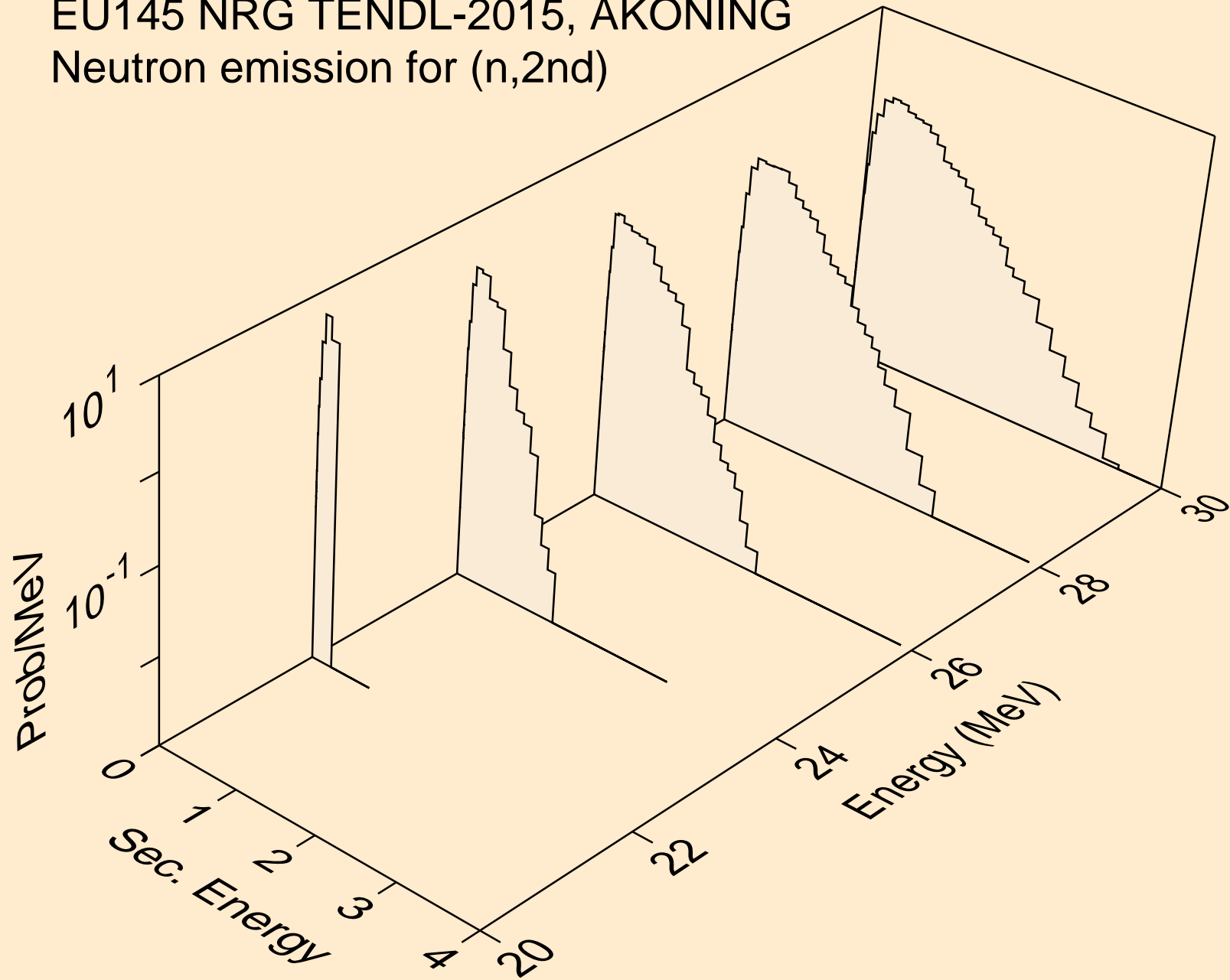




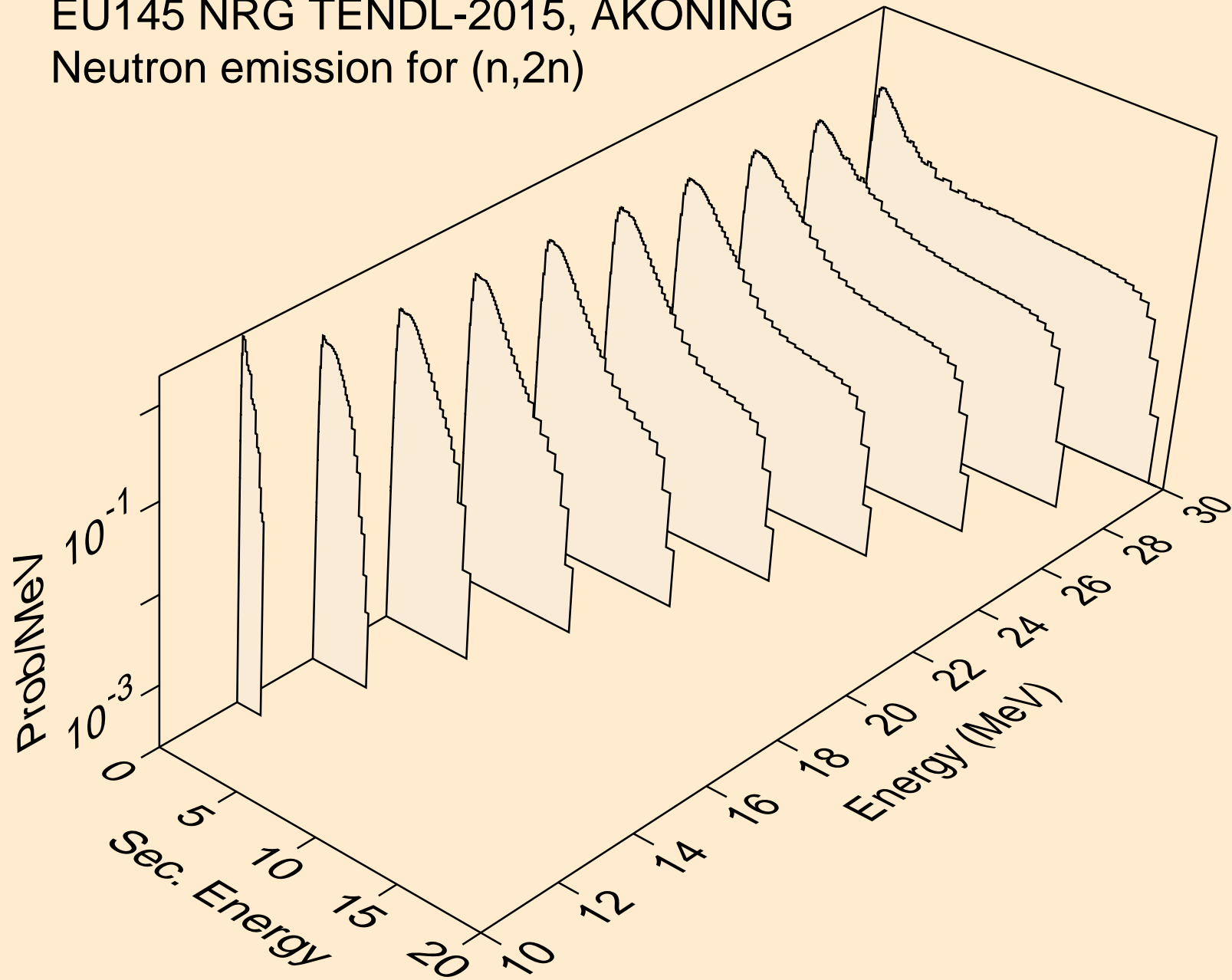
EU145 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



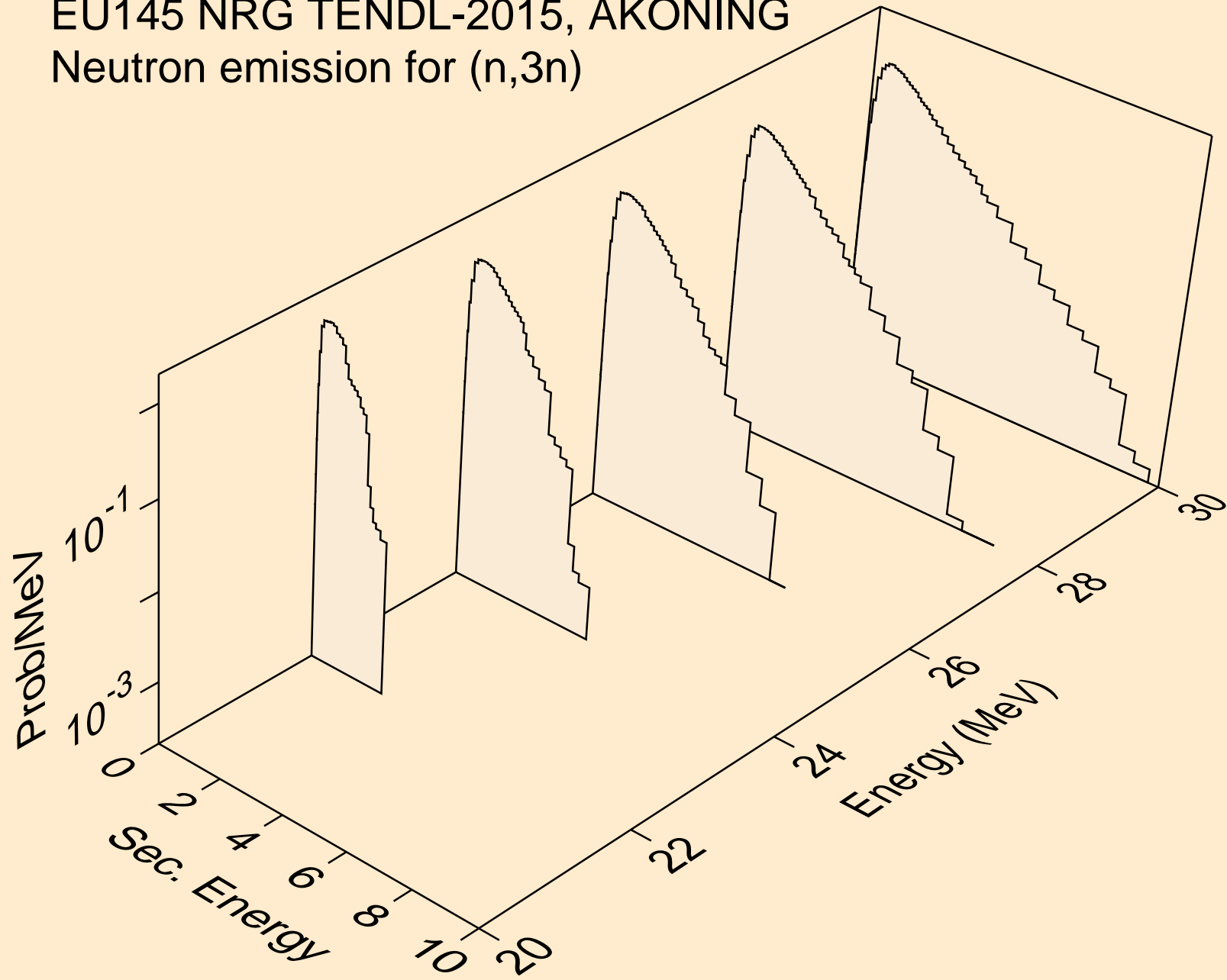
EU145 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



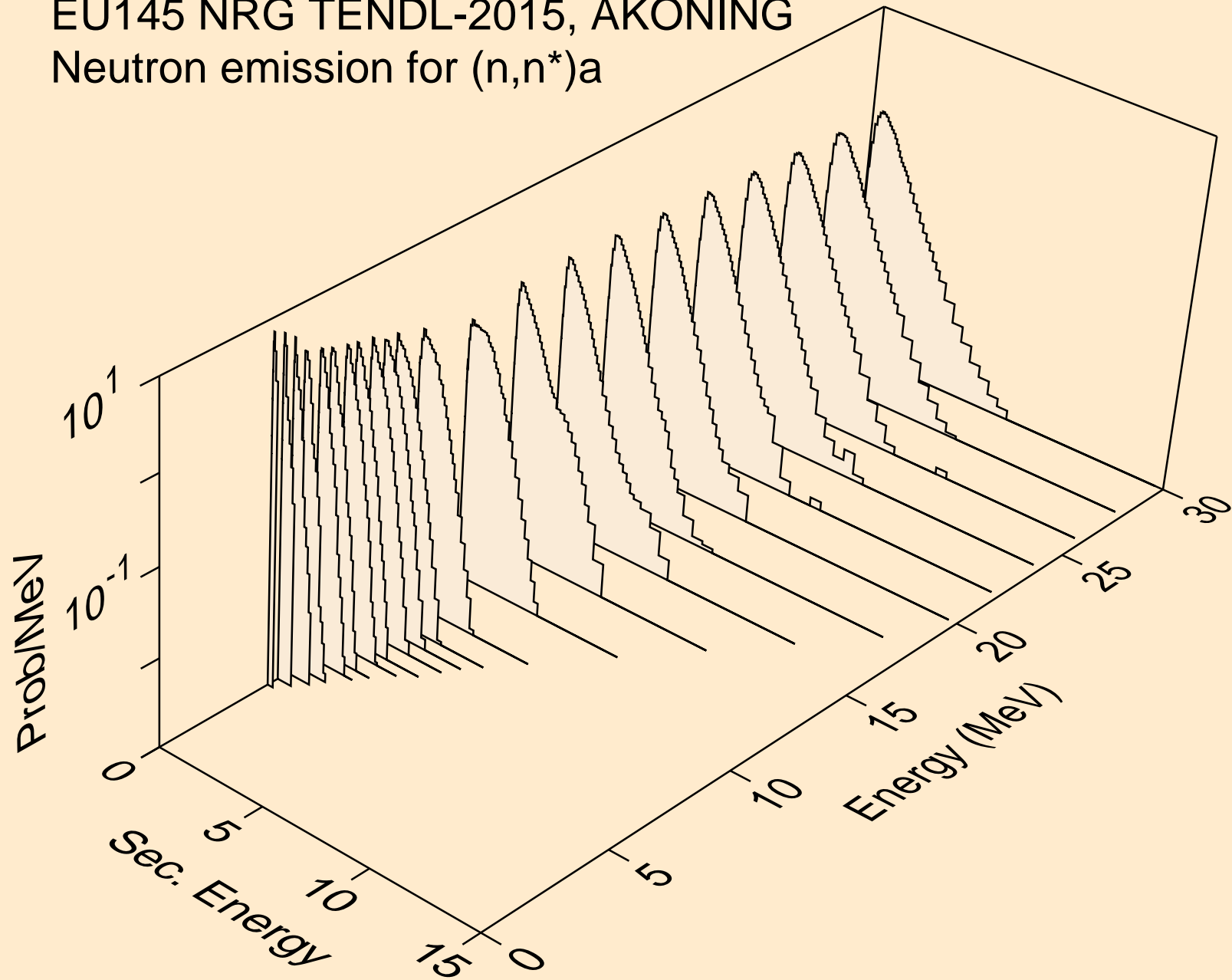
EU145 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



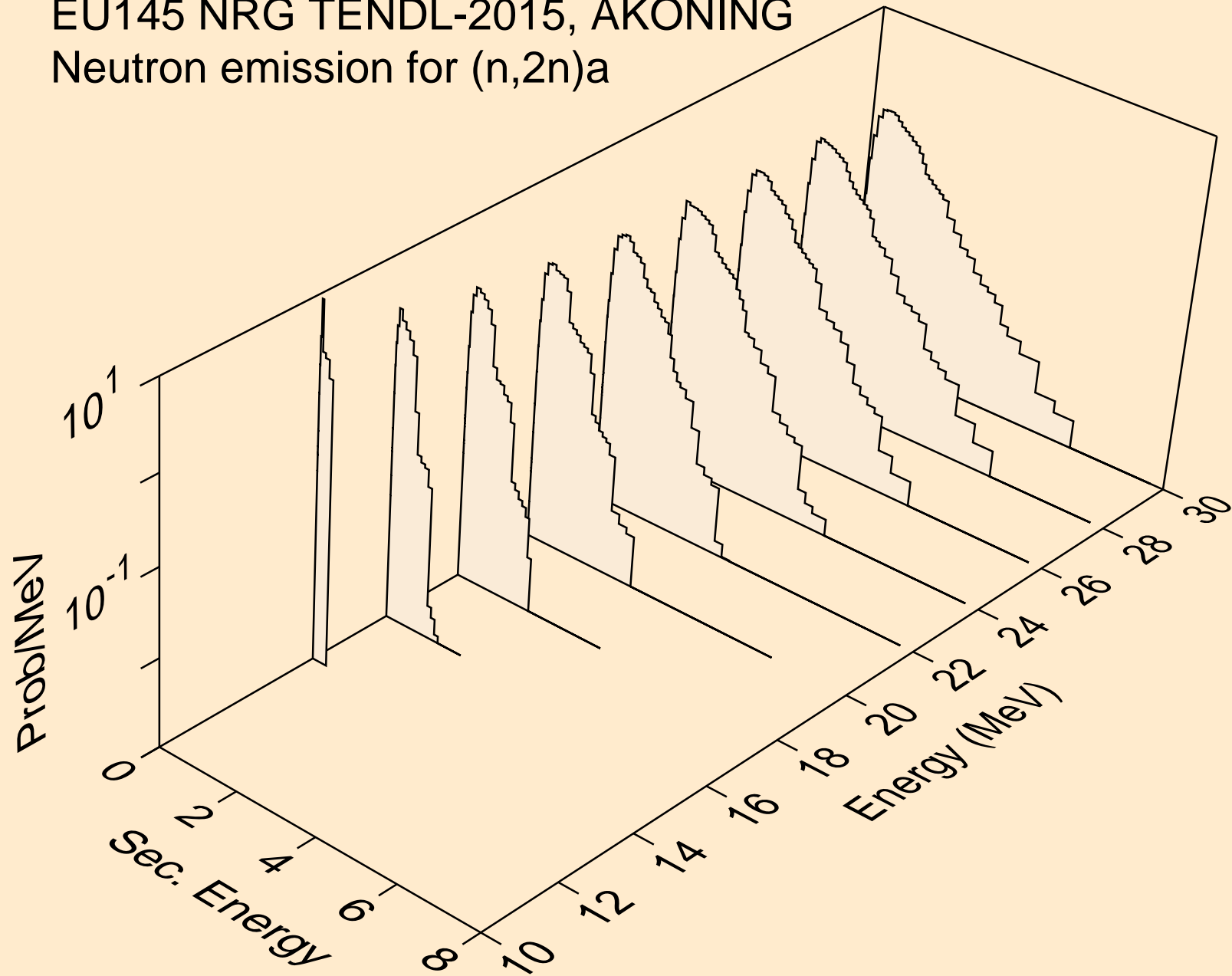
EU145 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



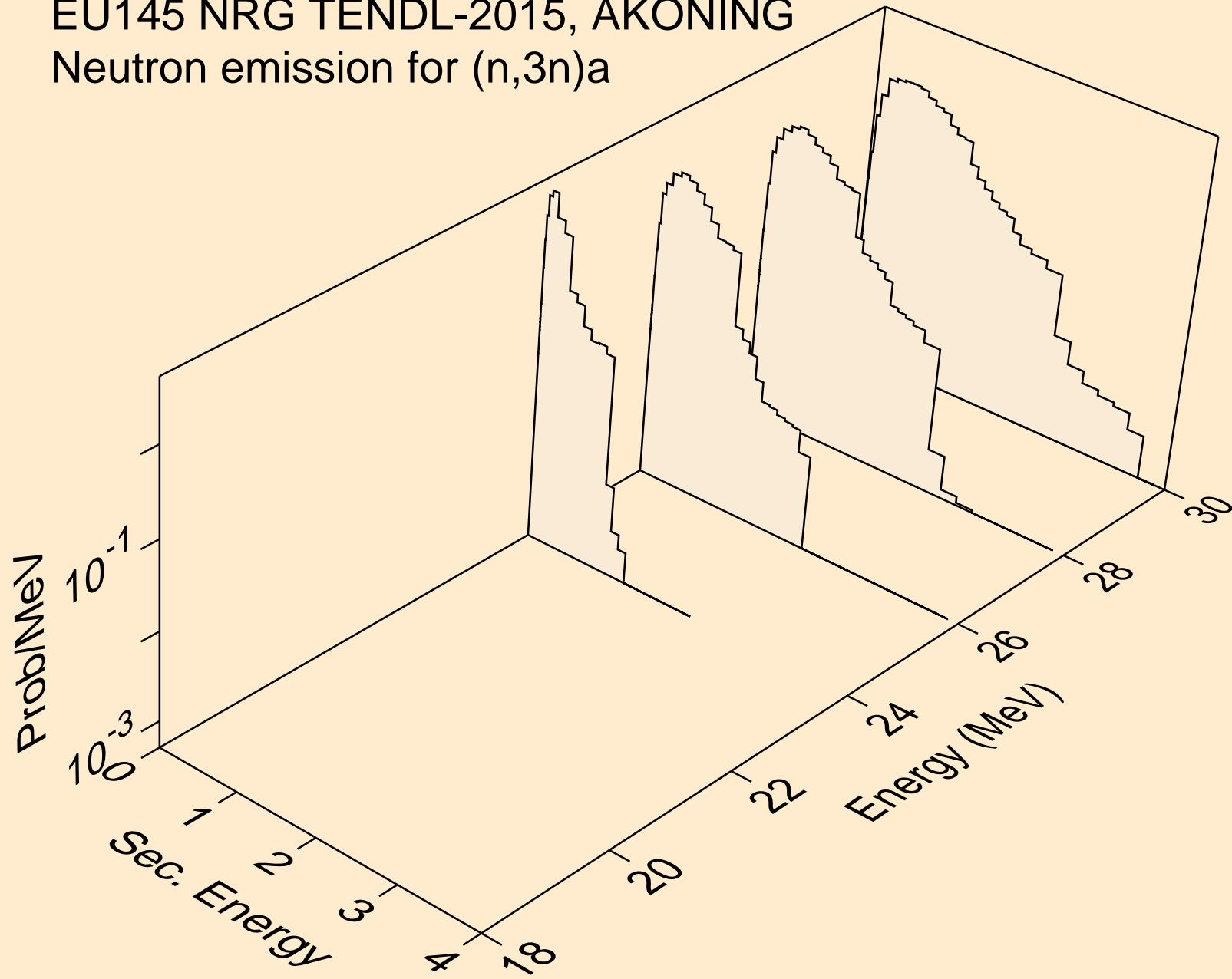
EU145 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



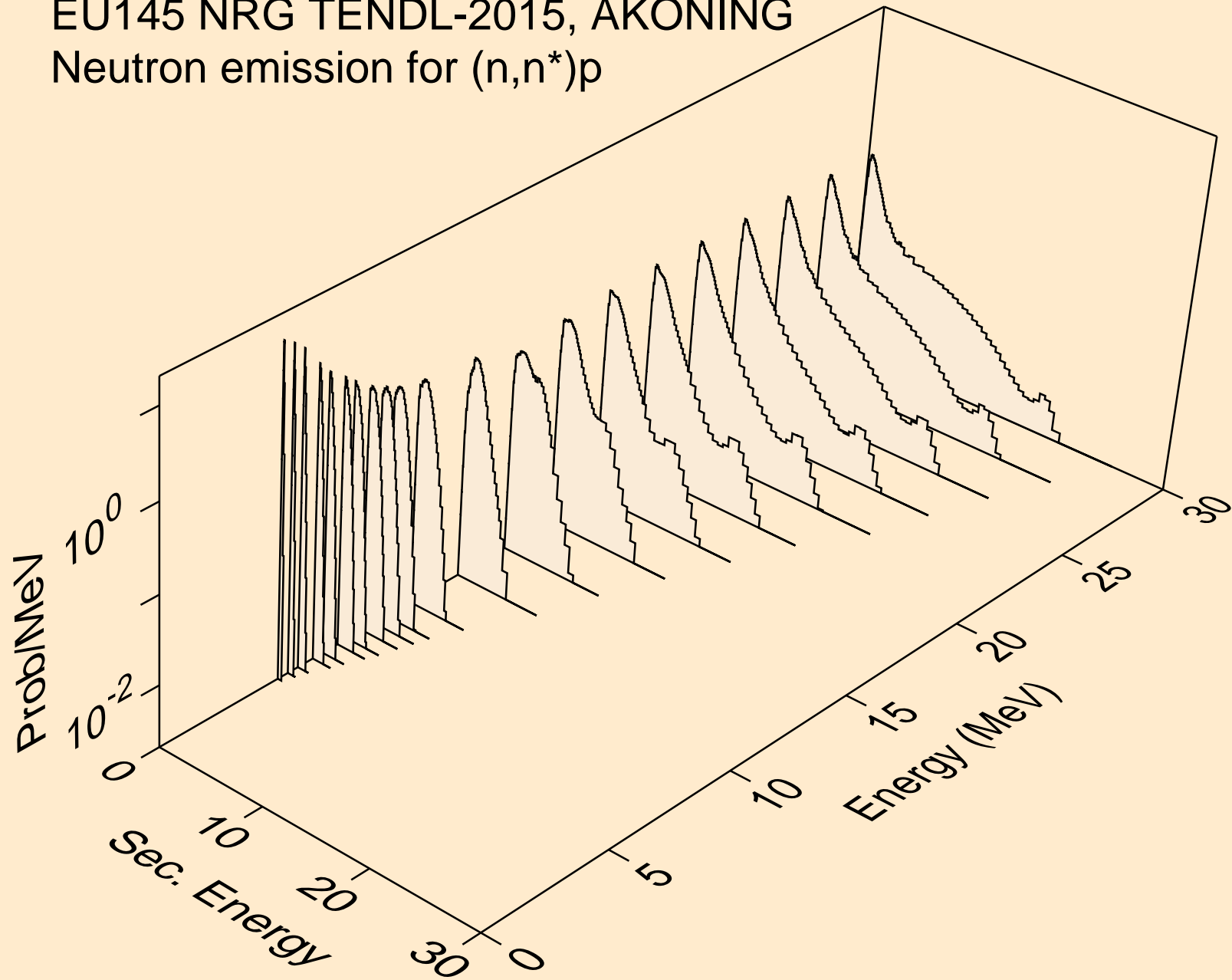
EU145 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)<sub>a</sub>



EU145 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

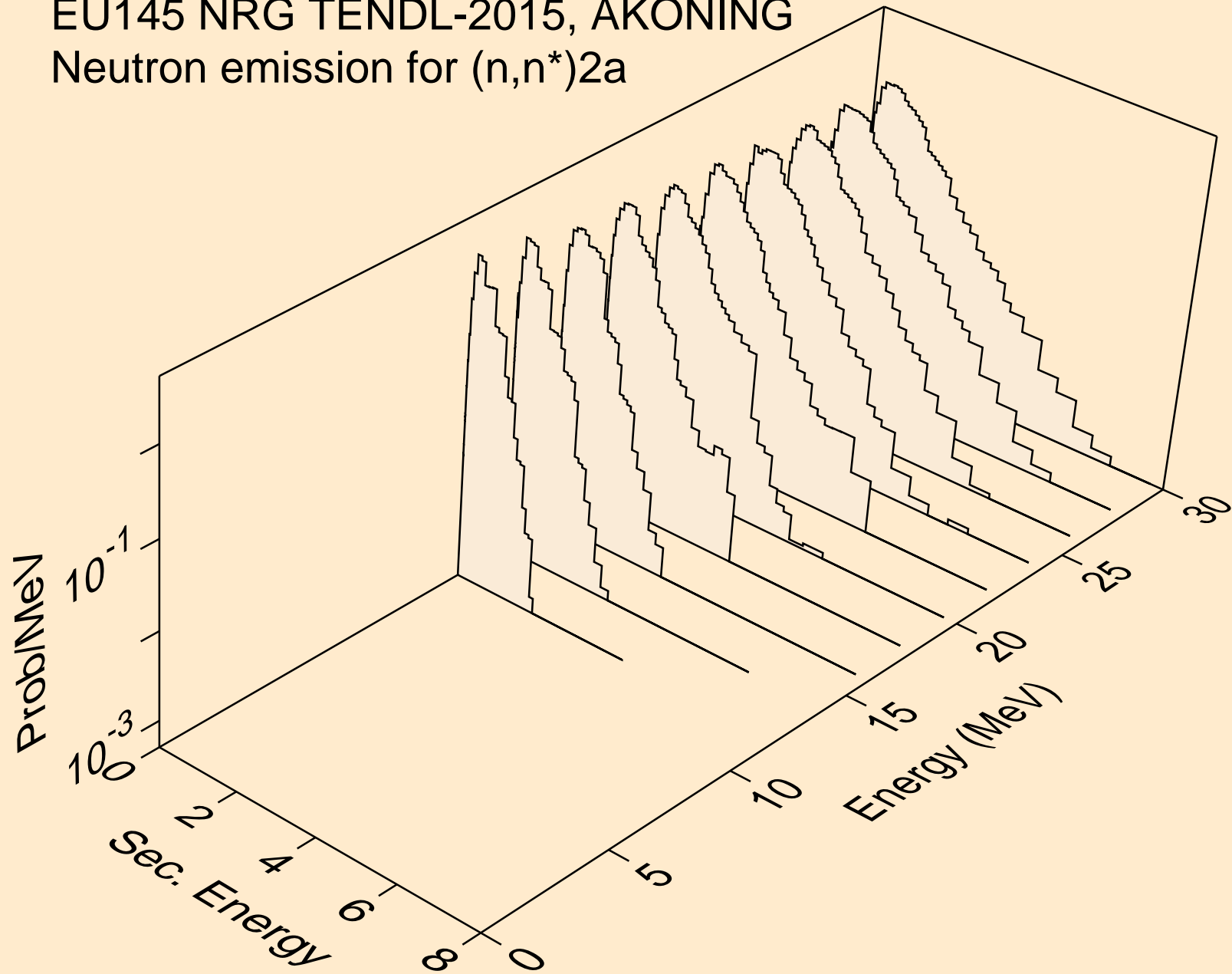


EU145 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

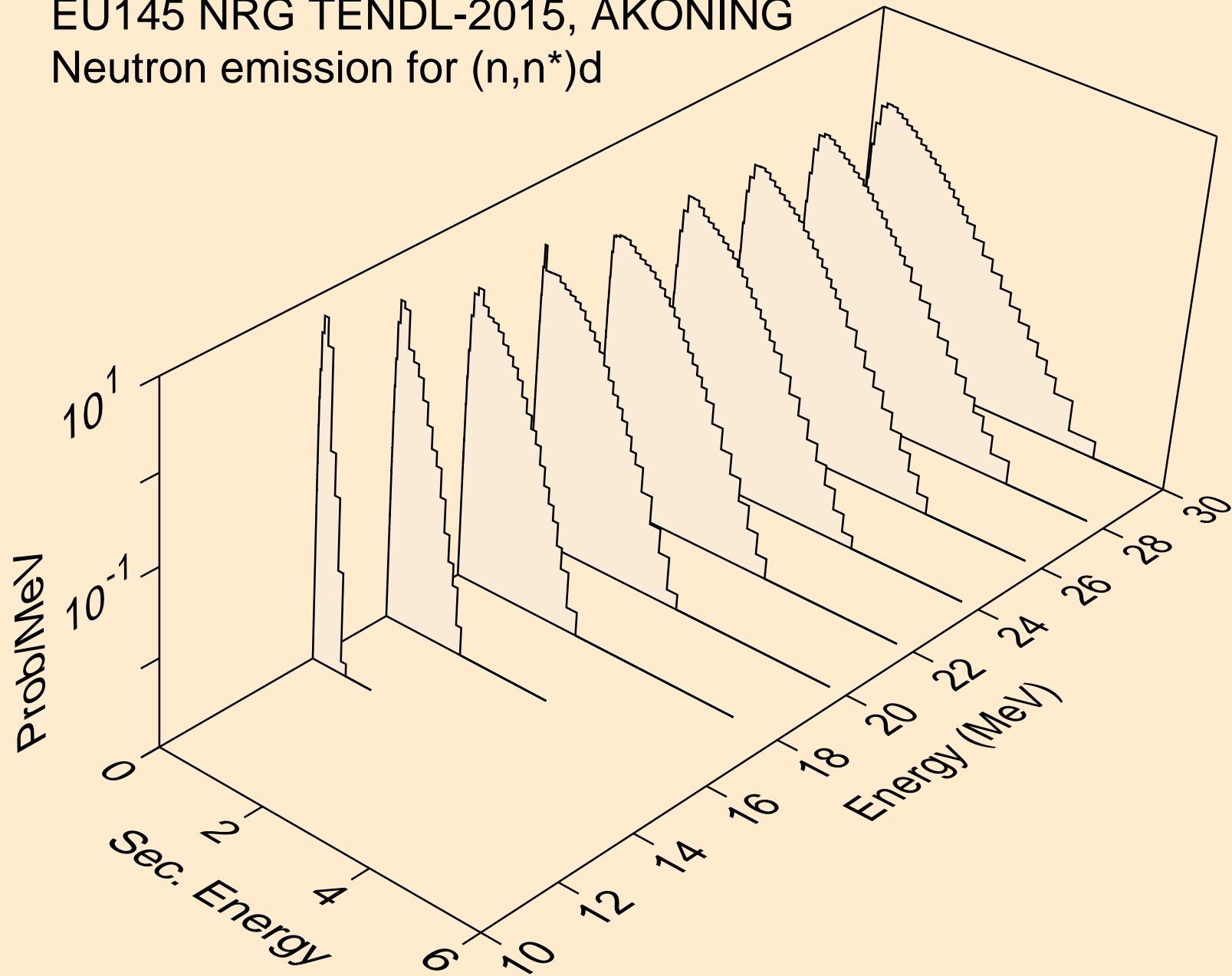




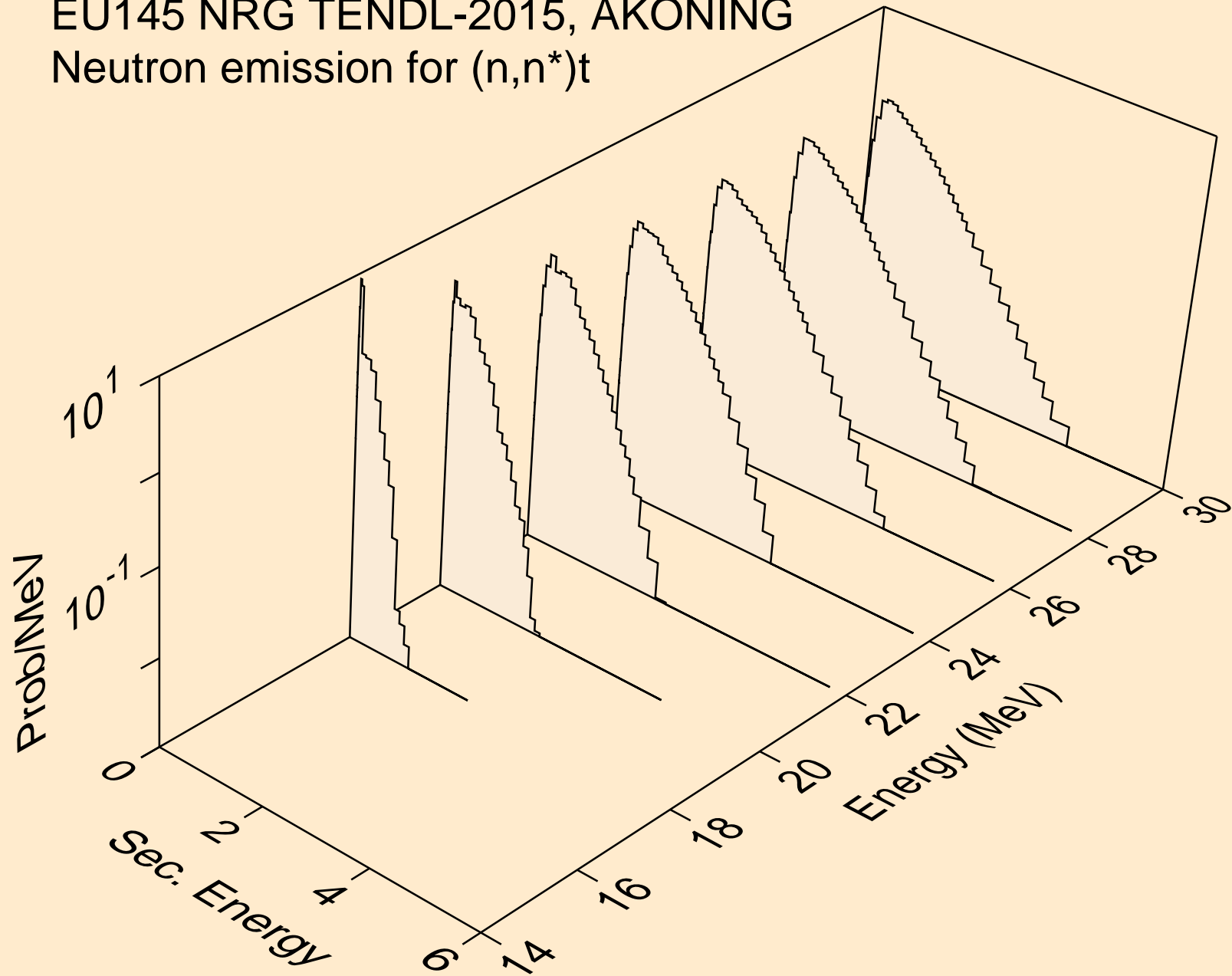
EU145 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



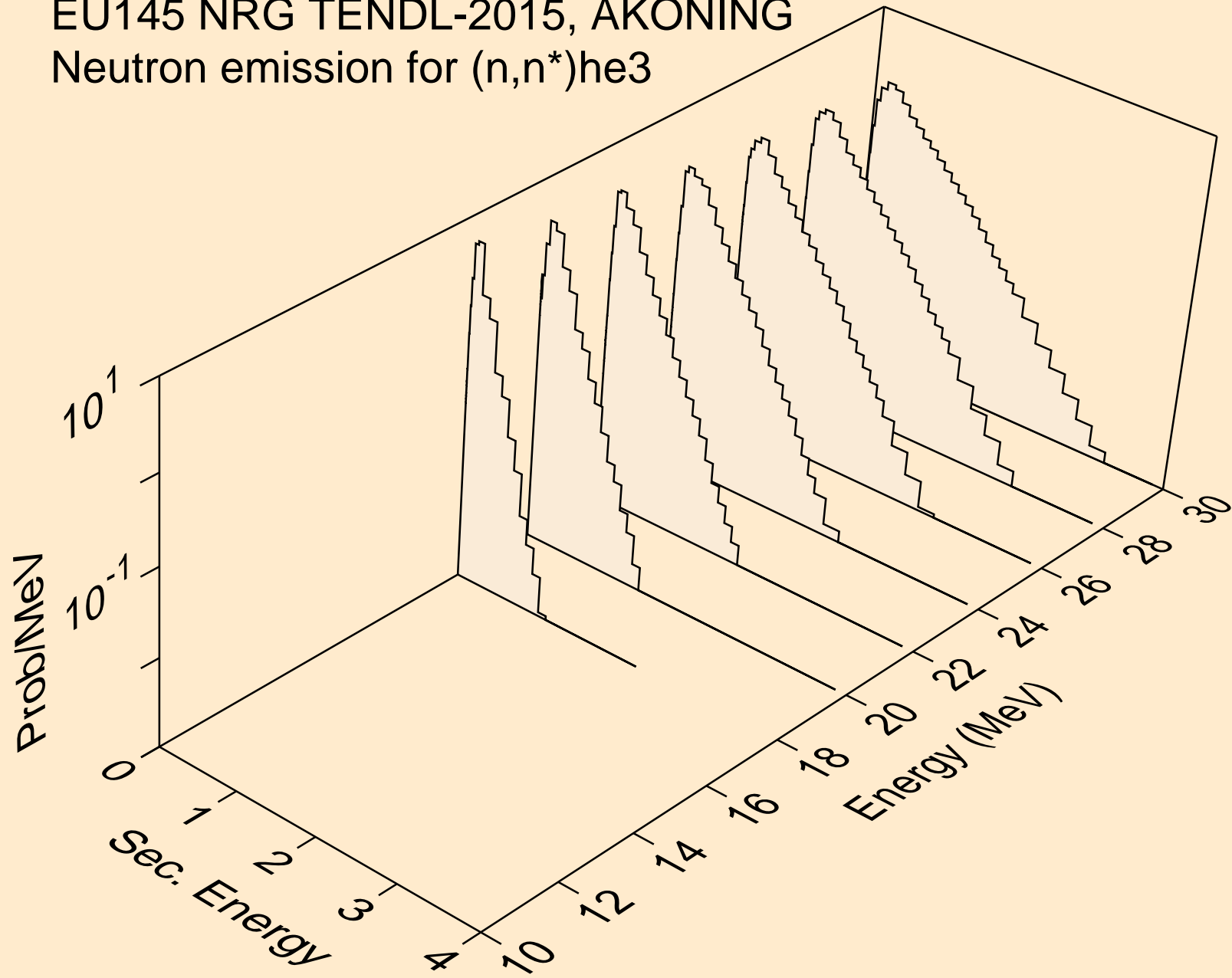
EU145 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



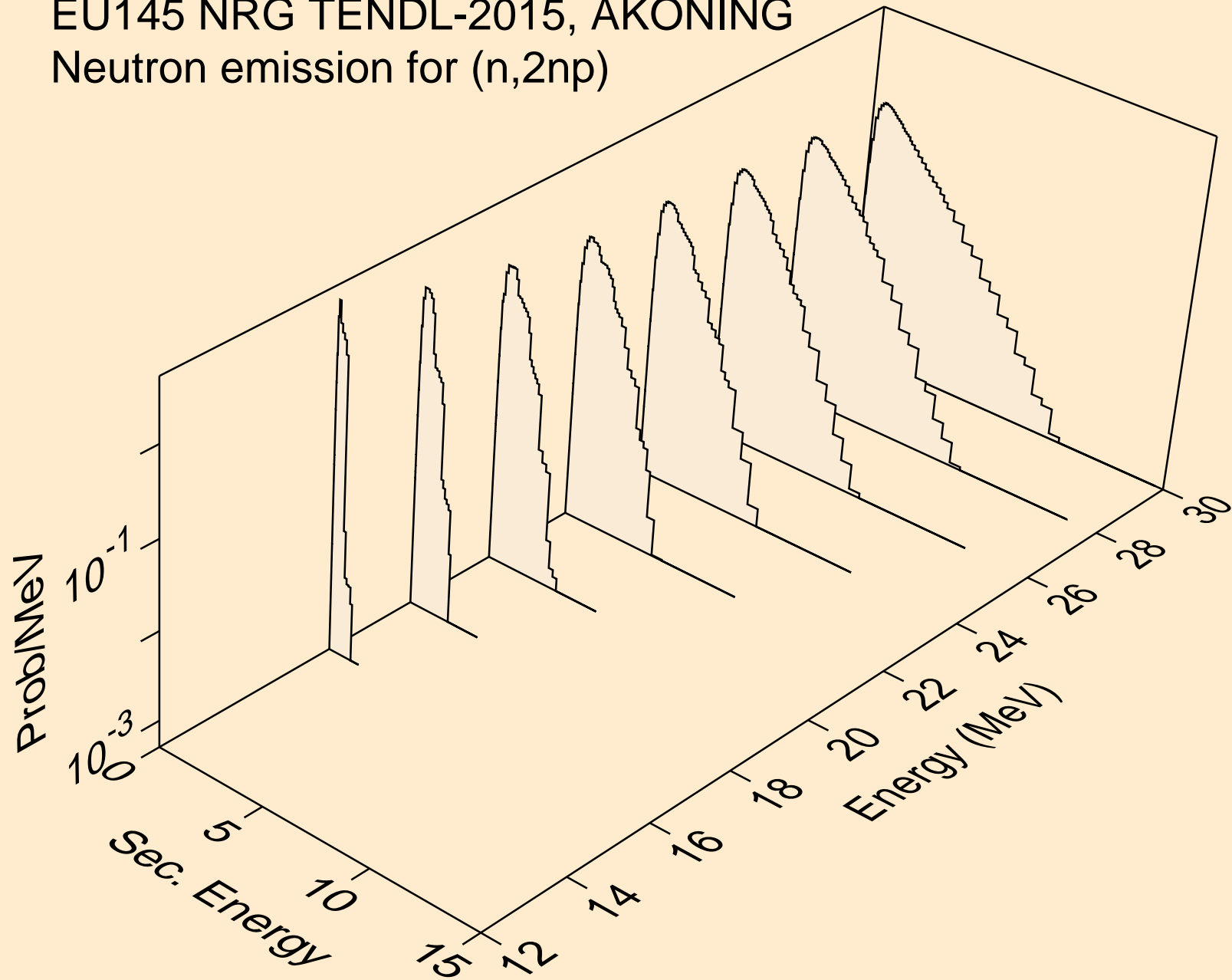
EU145 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



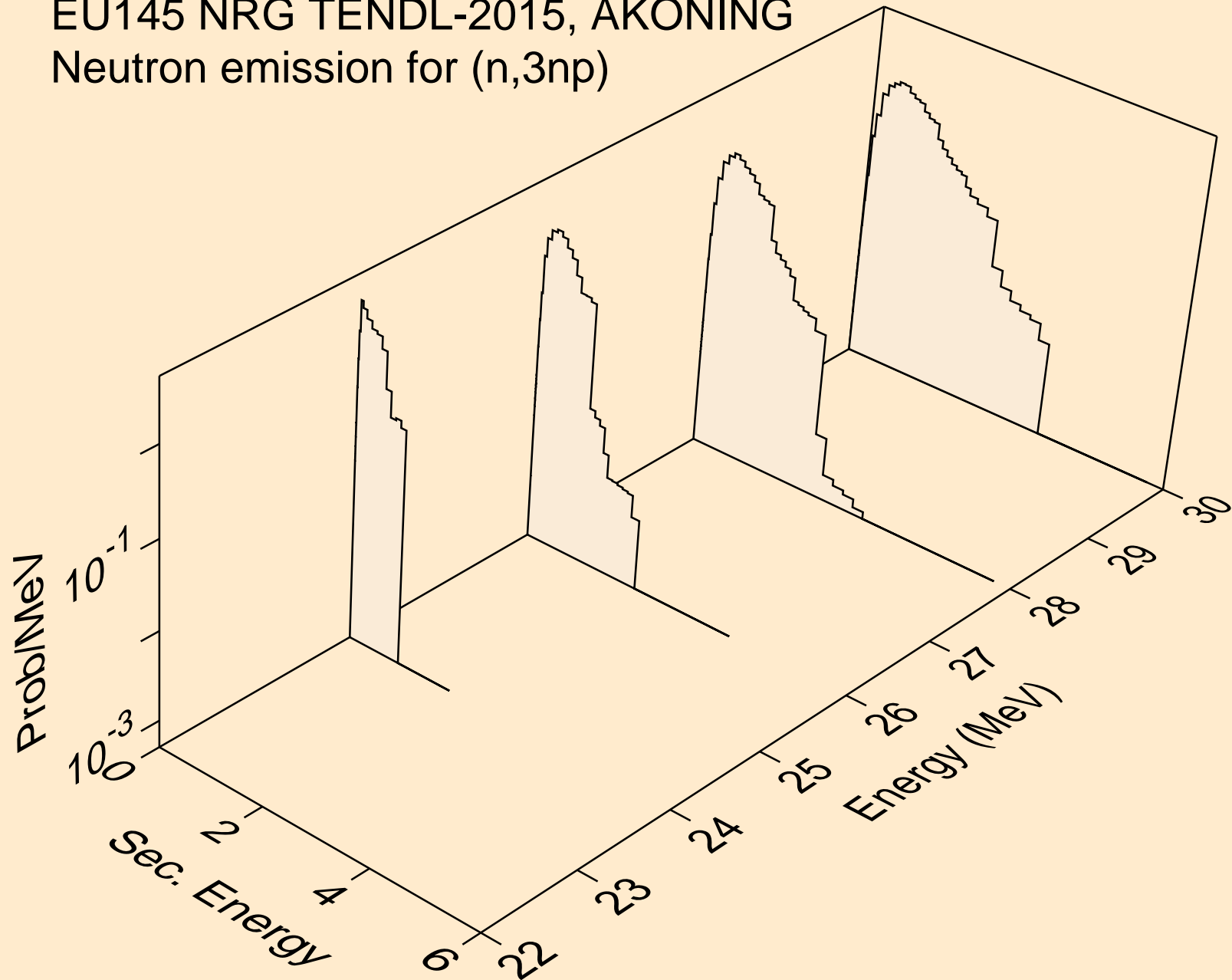
EU145 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



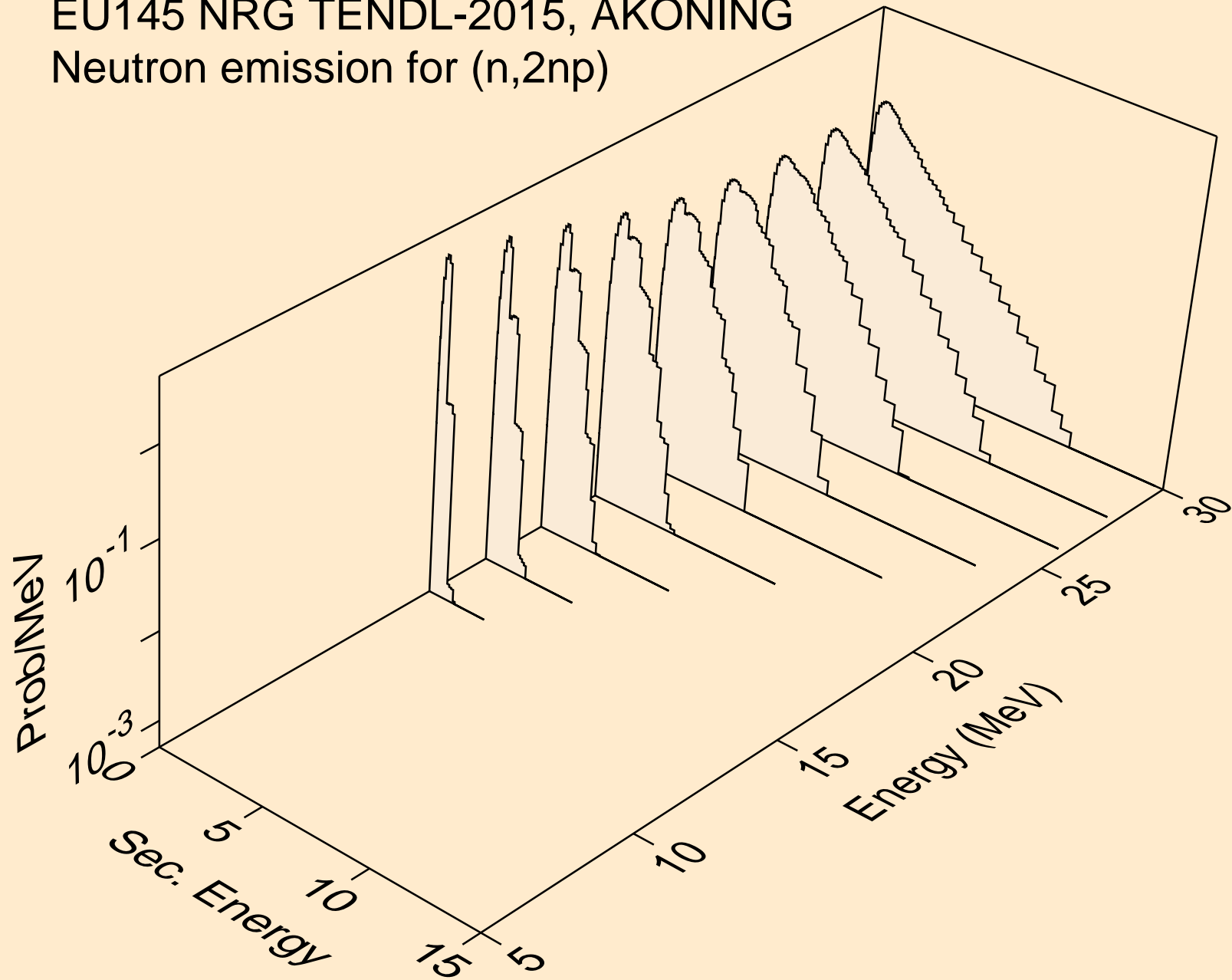
EU145 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



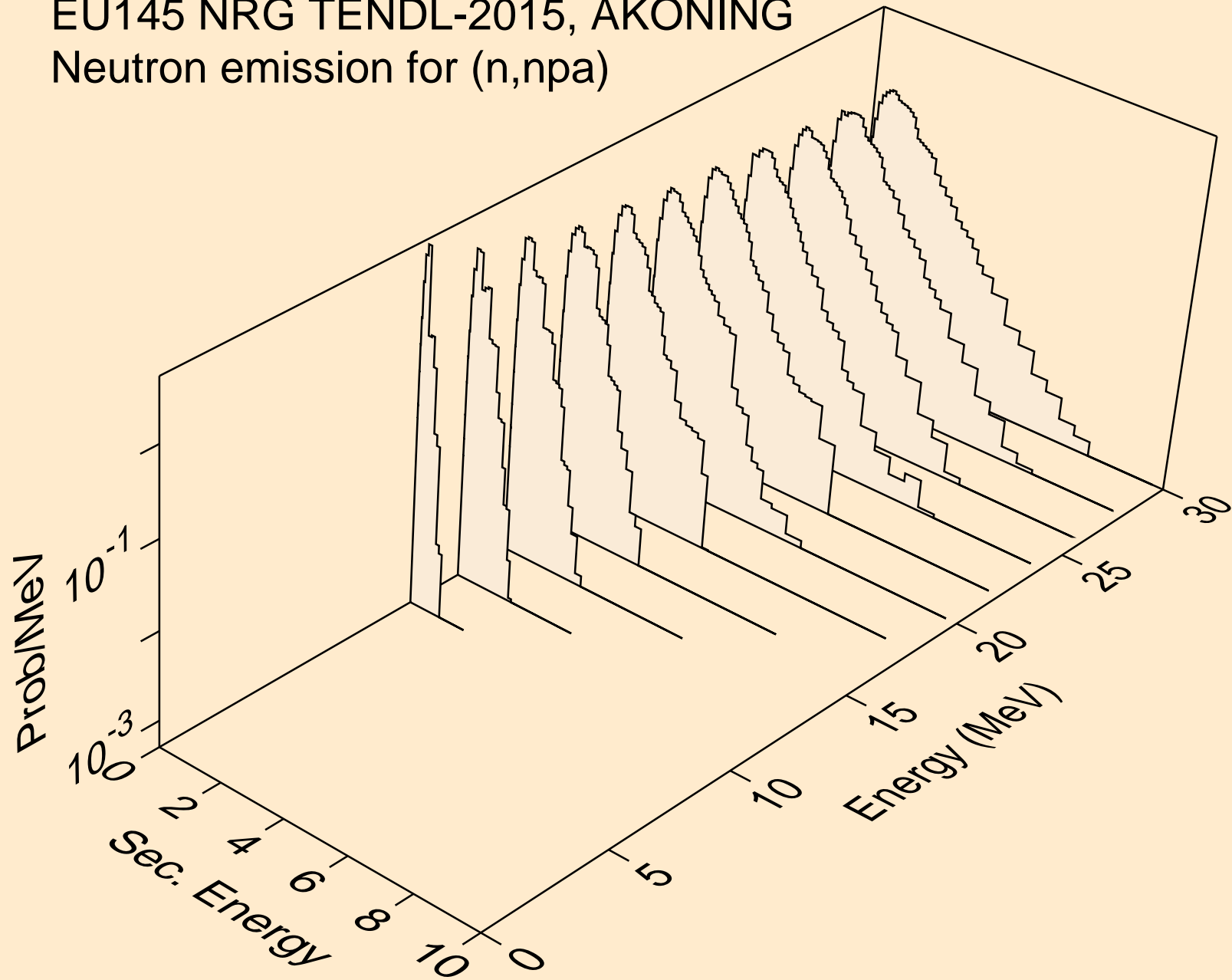
EU145 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



EU145 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

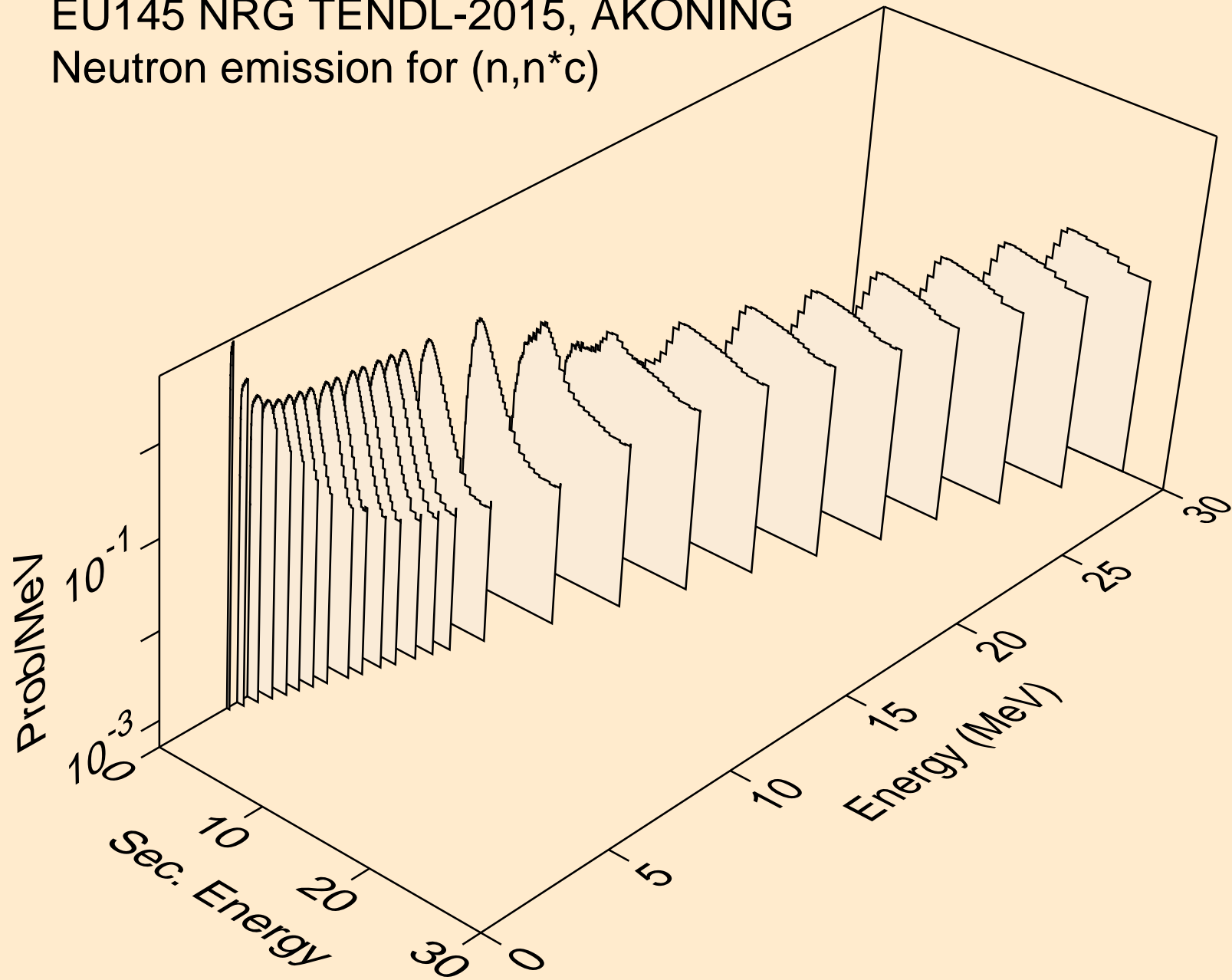


EU145 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

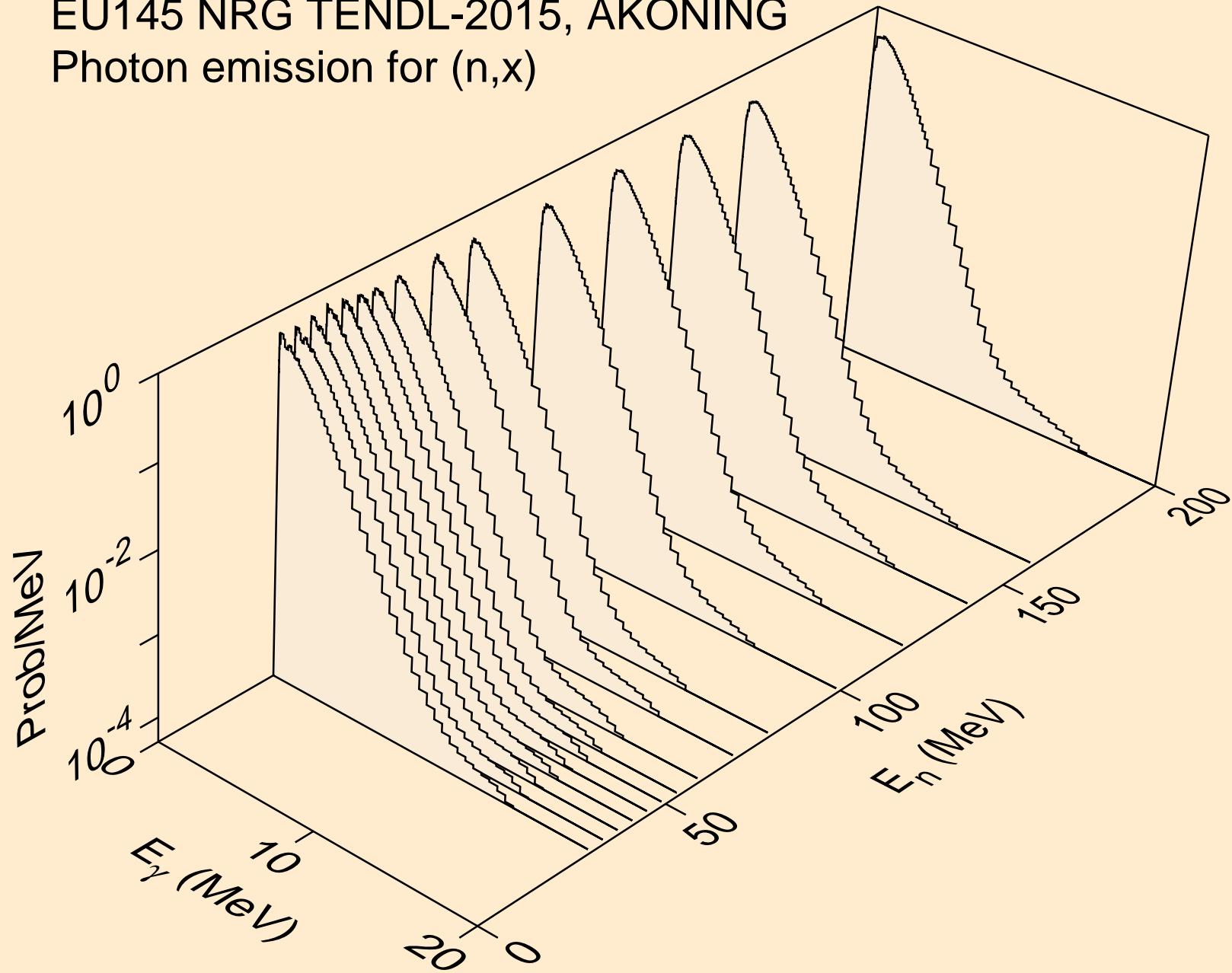




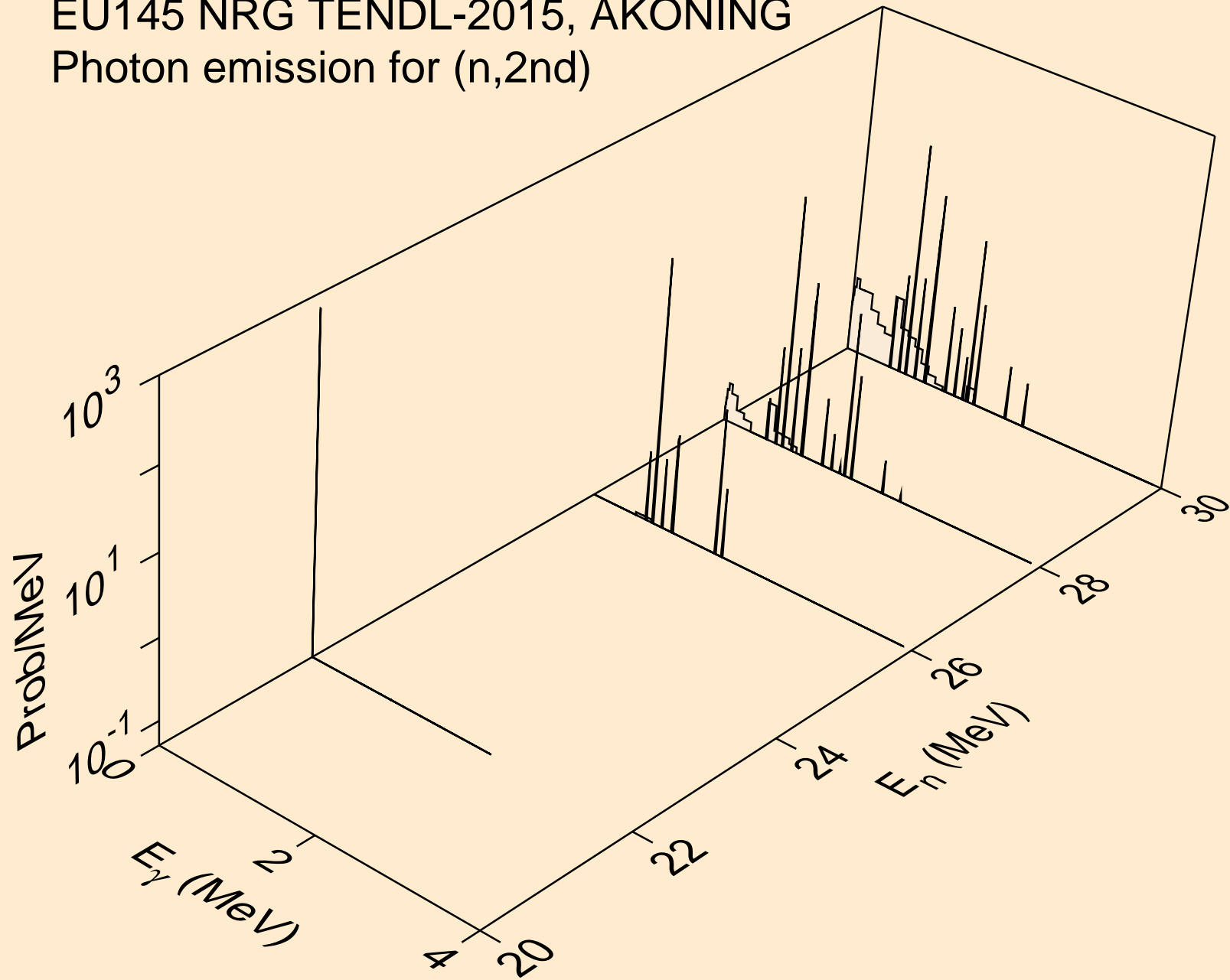
EU145 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



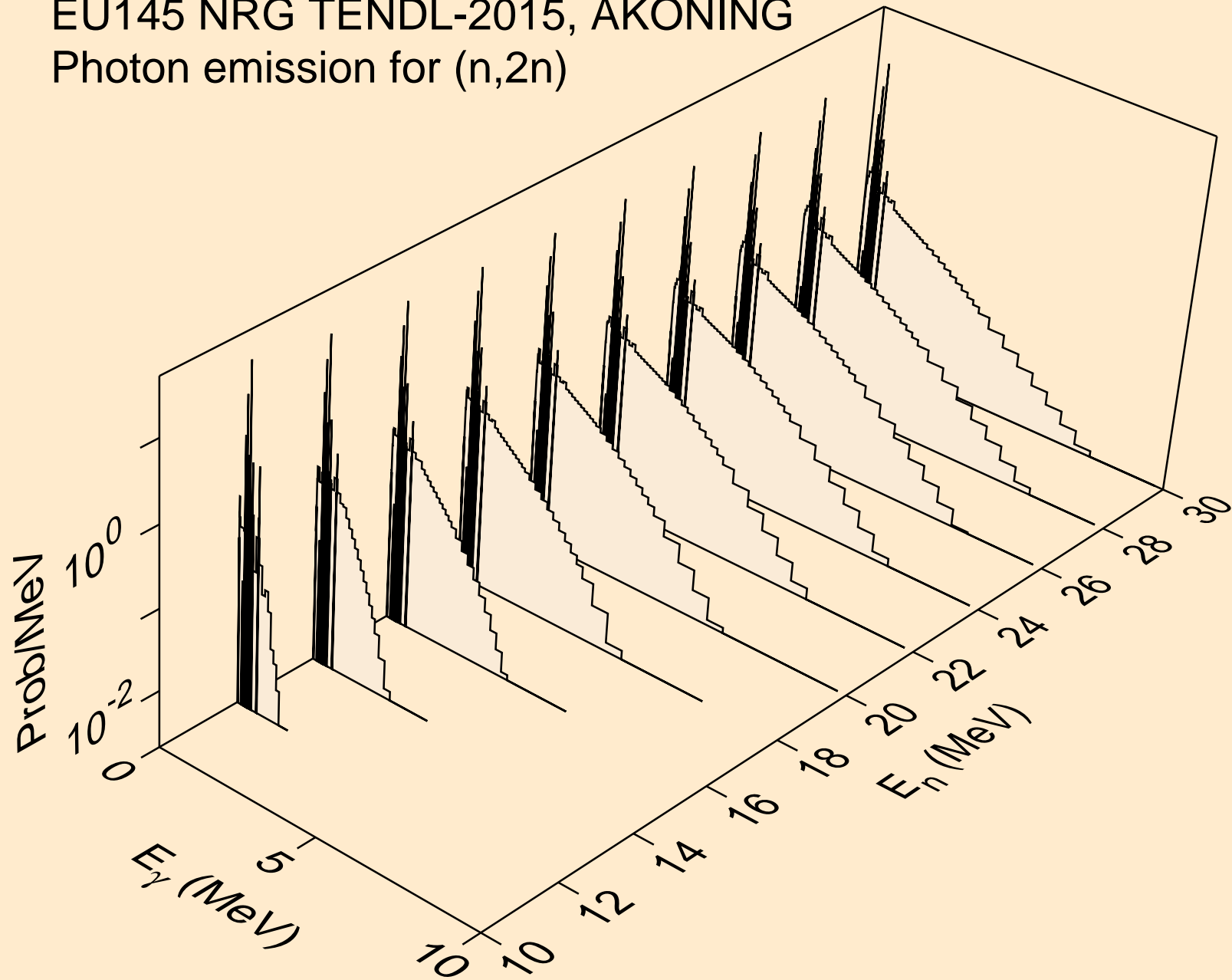
EU145 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



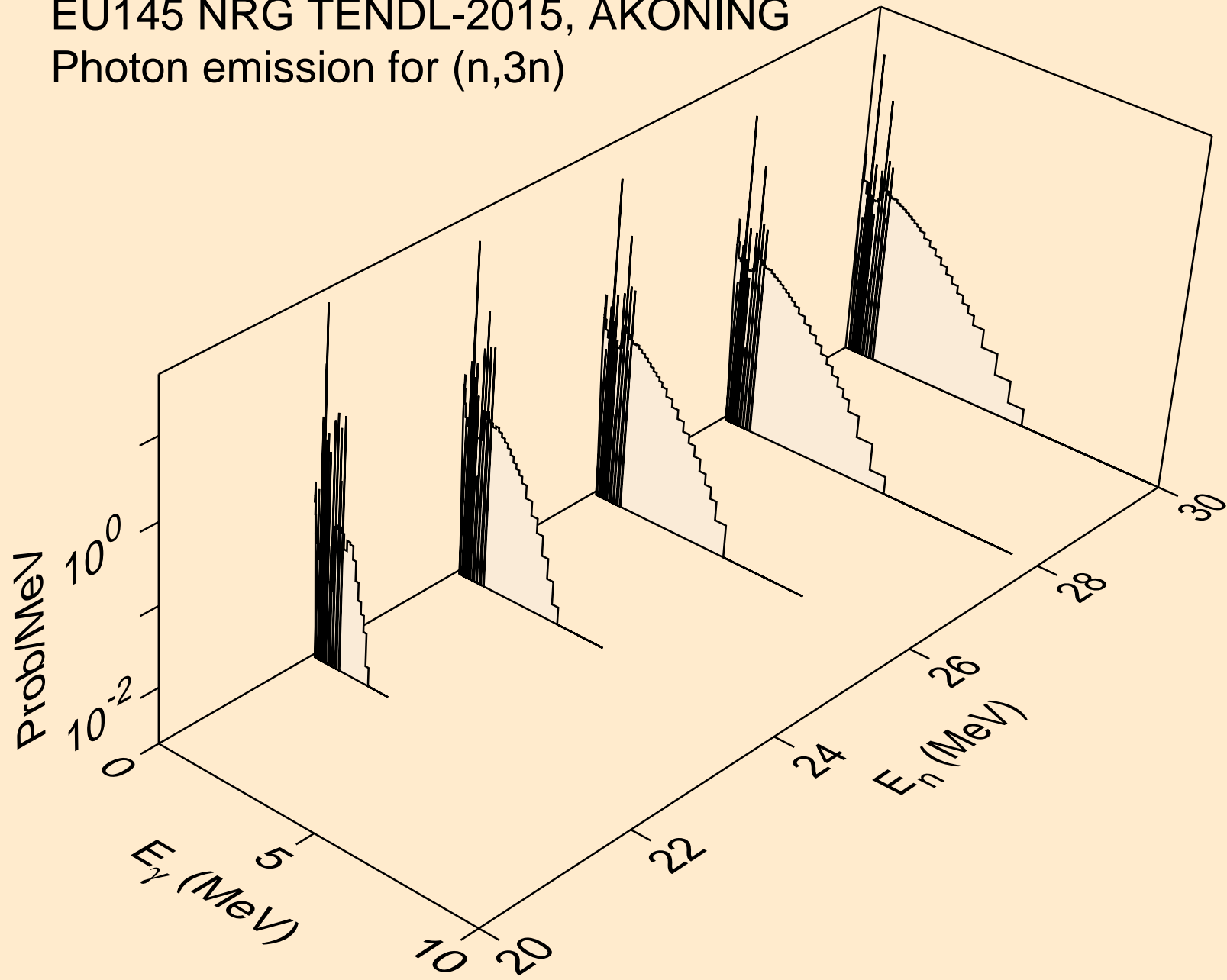
EU145 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



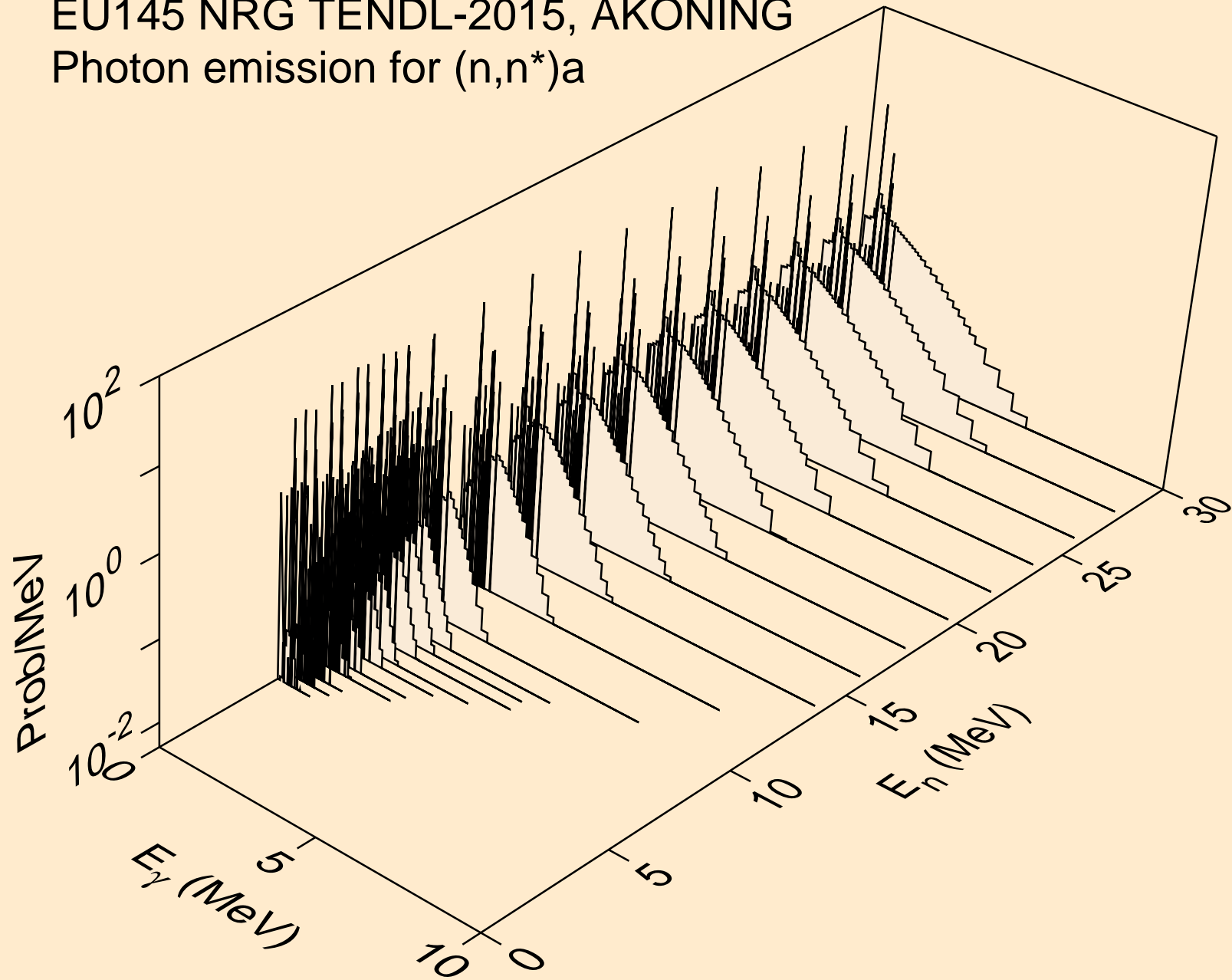
EU145 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



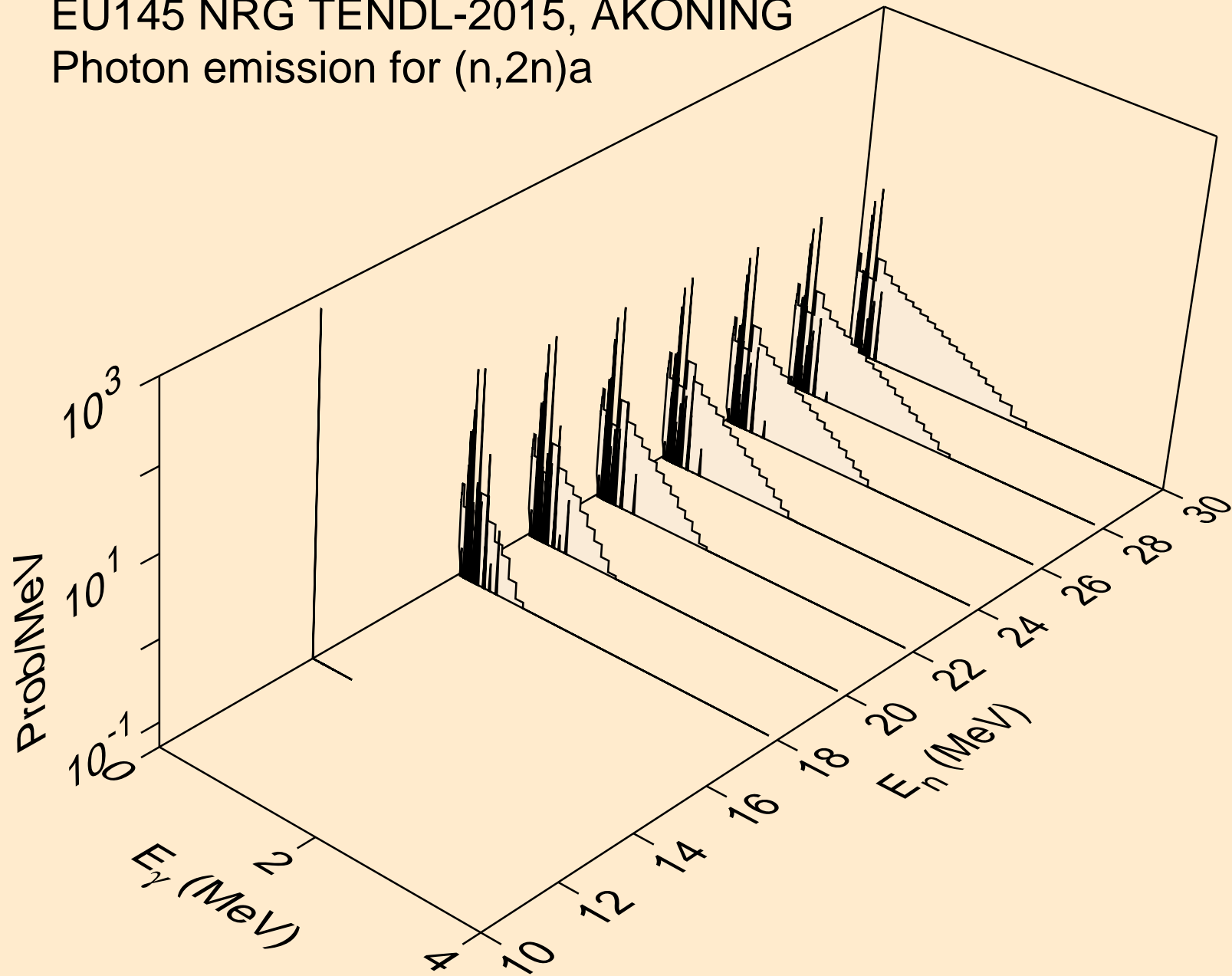
EU145 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



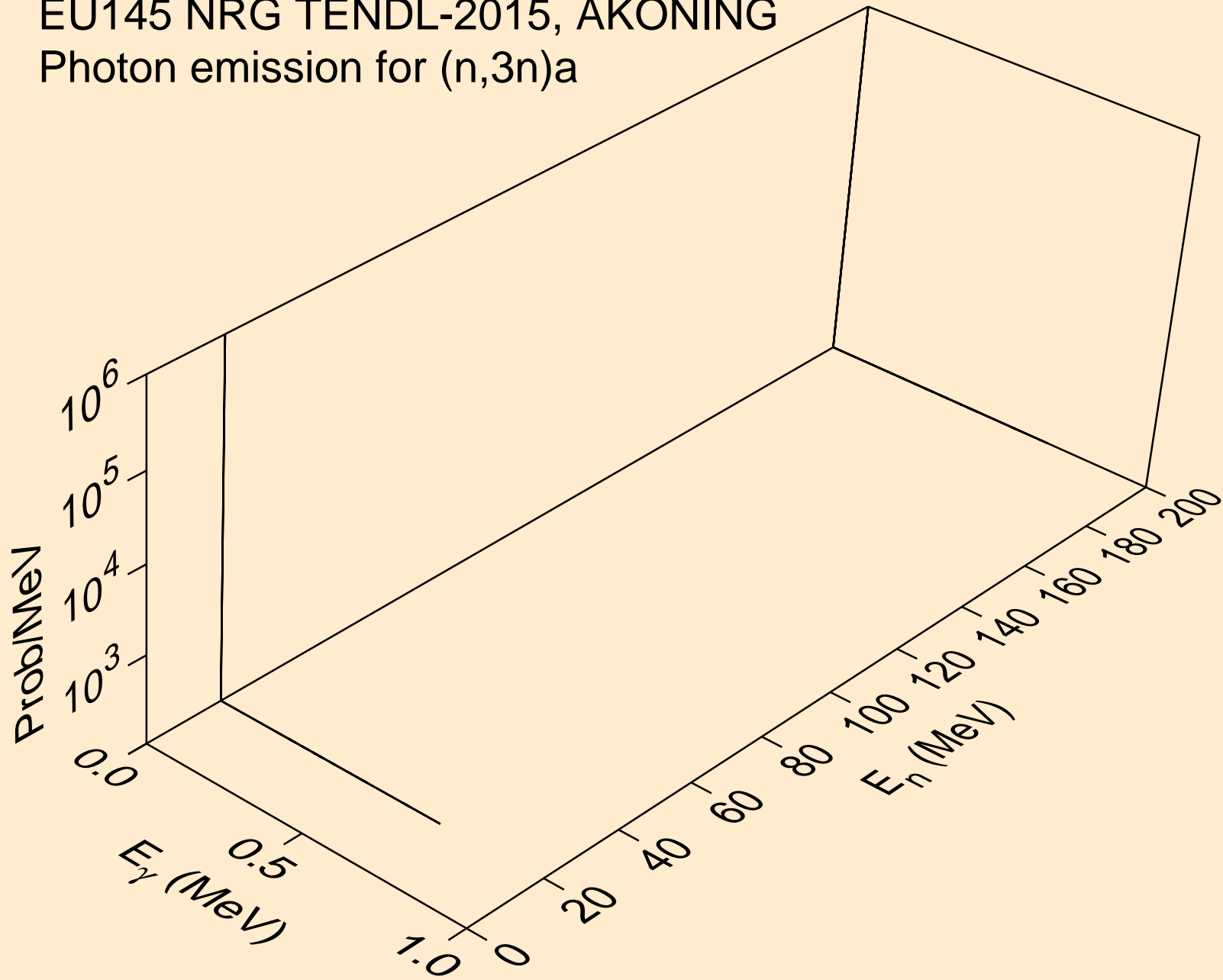
EU145 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



EU145 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

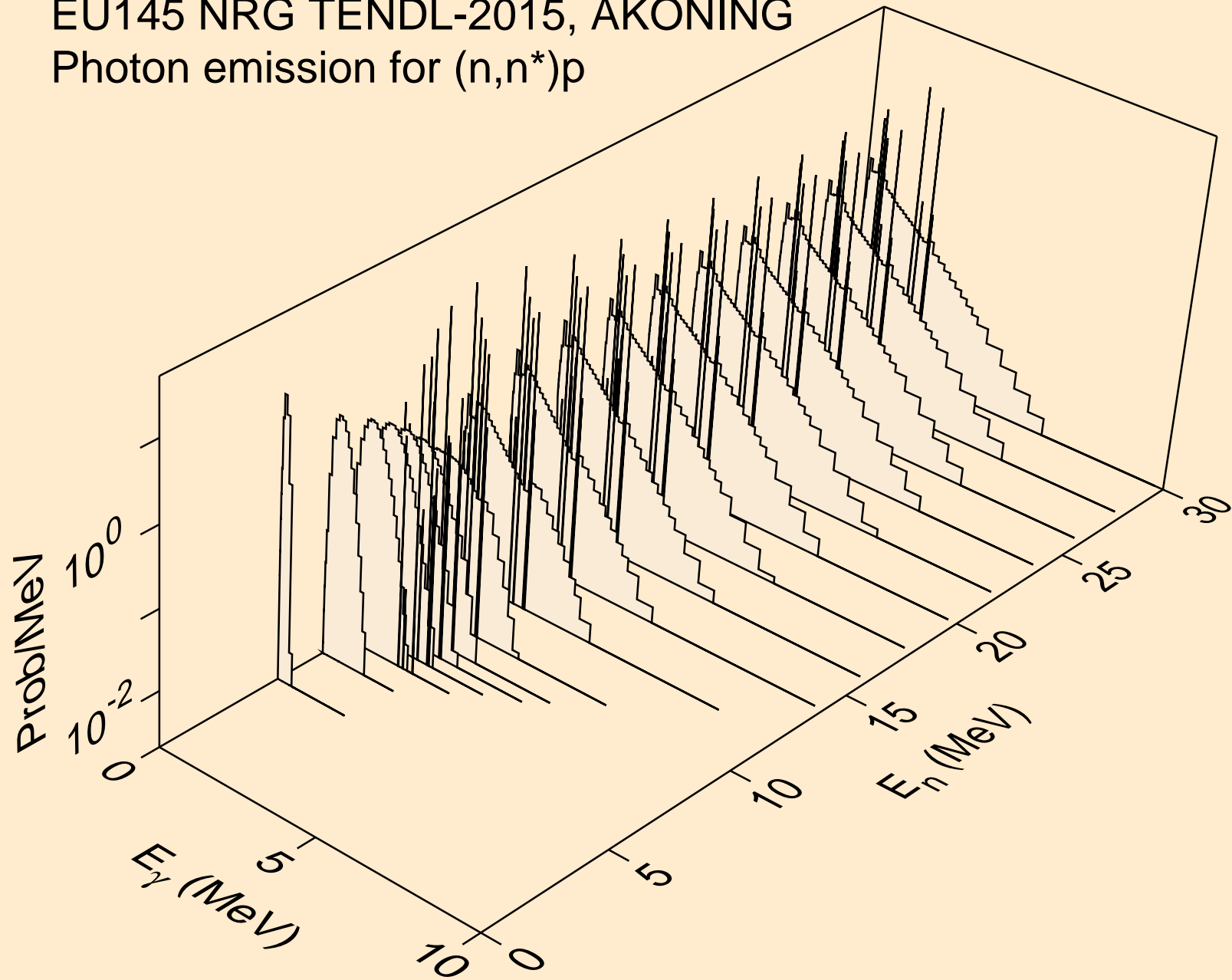


EU145 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

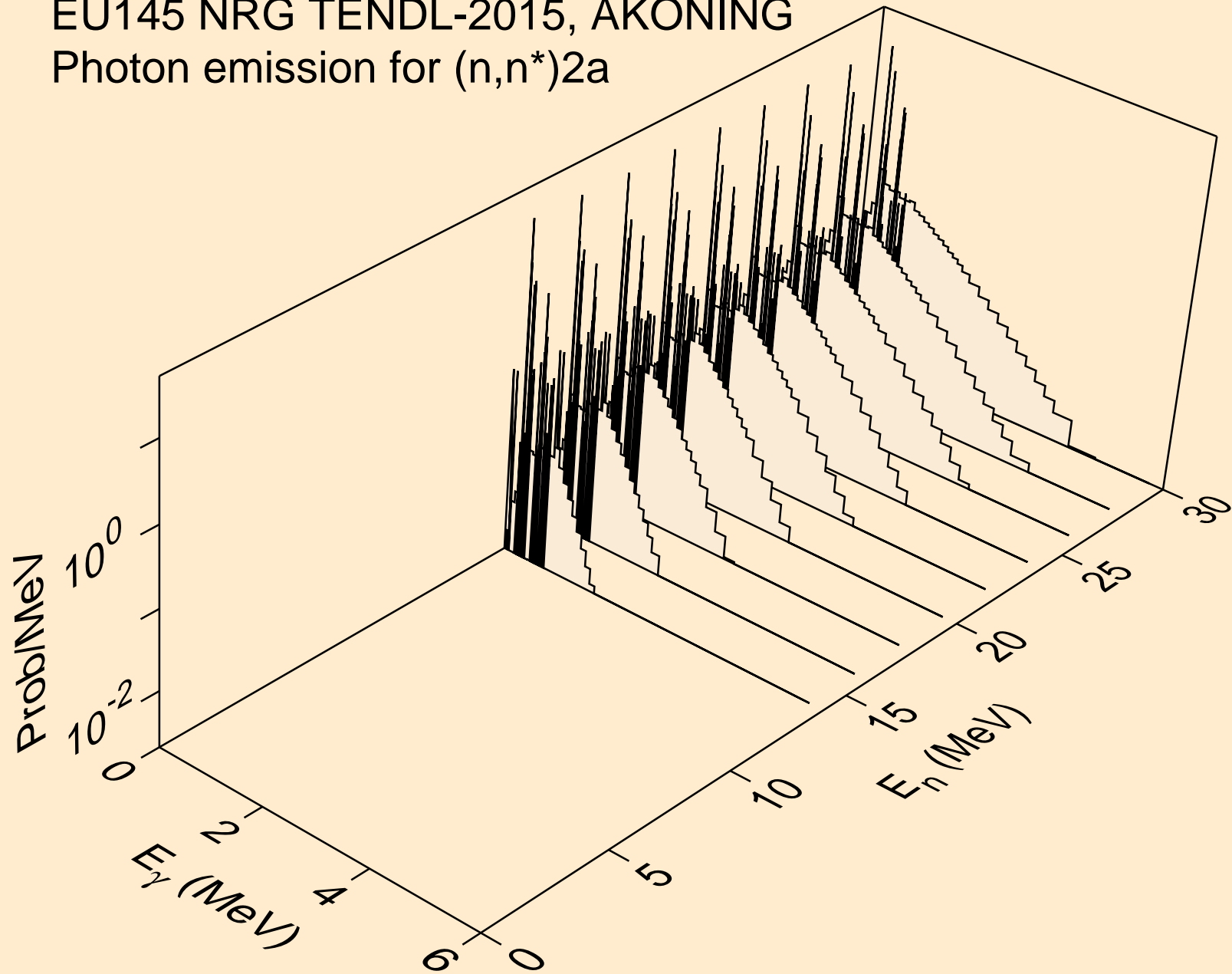




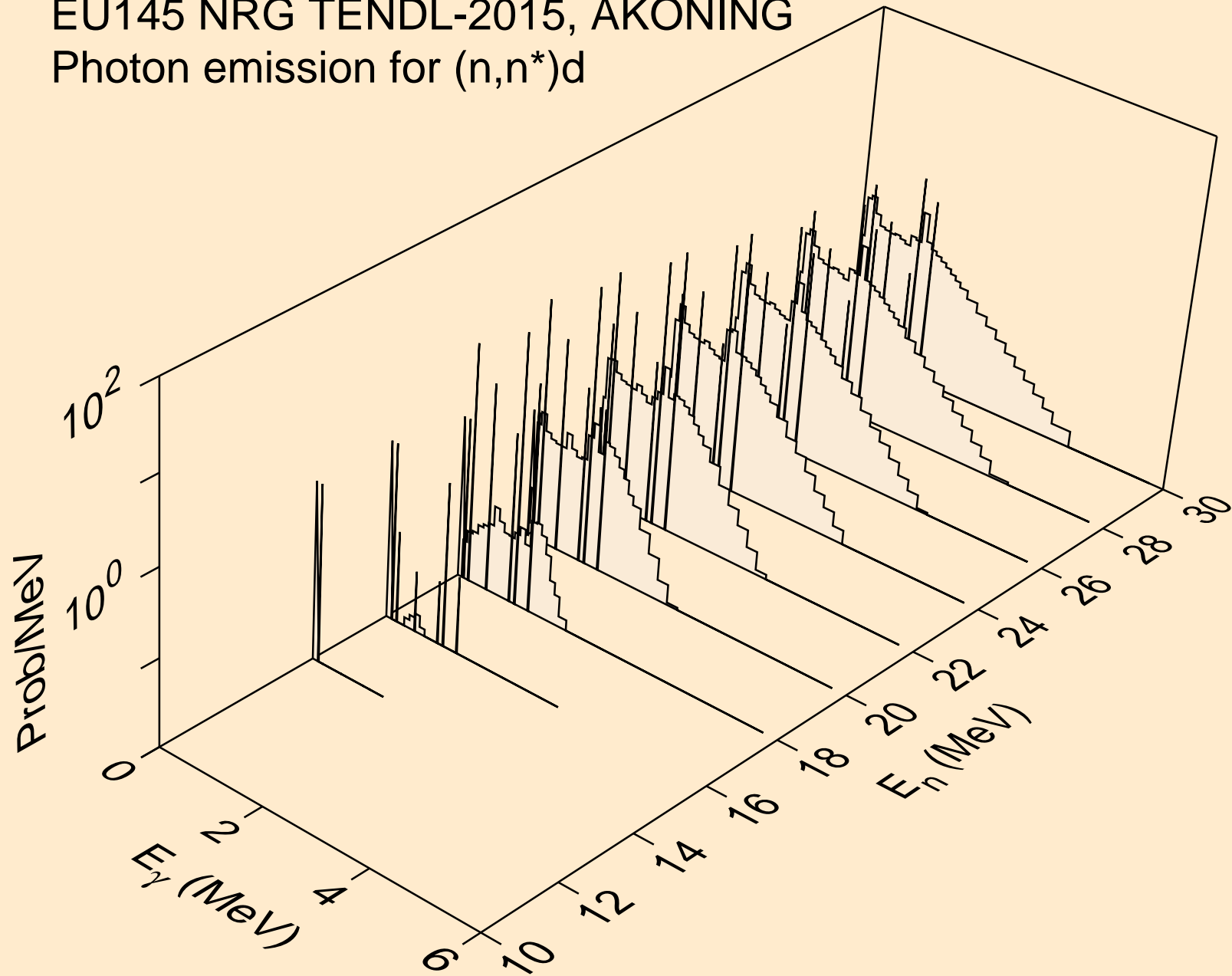
EU145 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



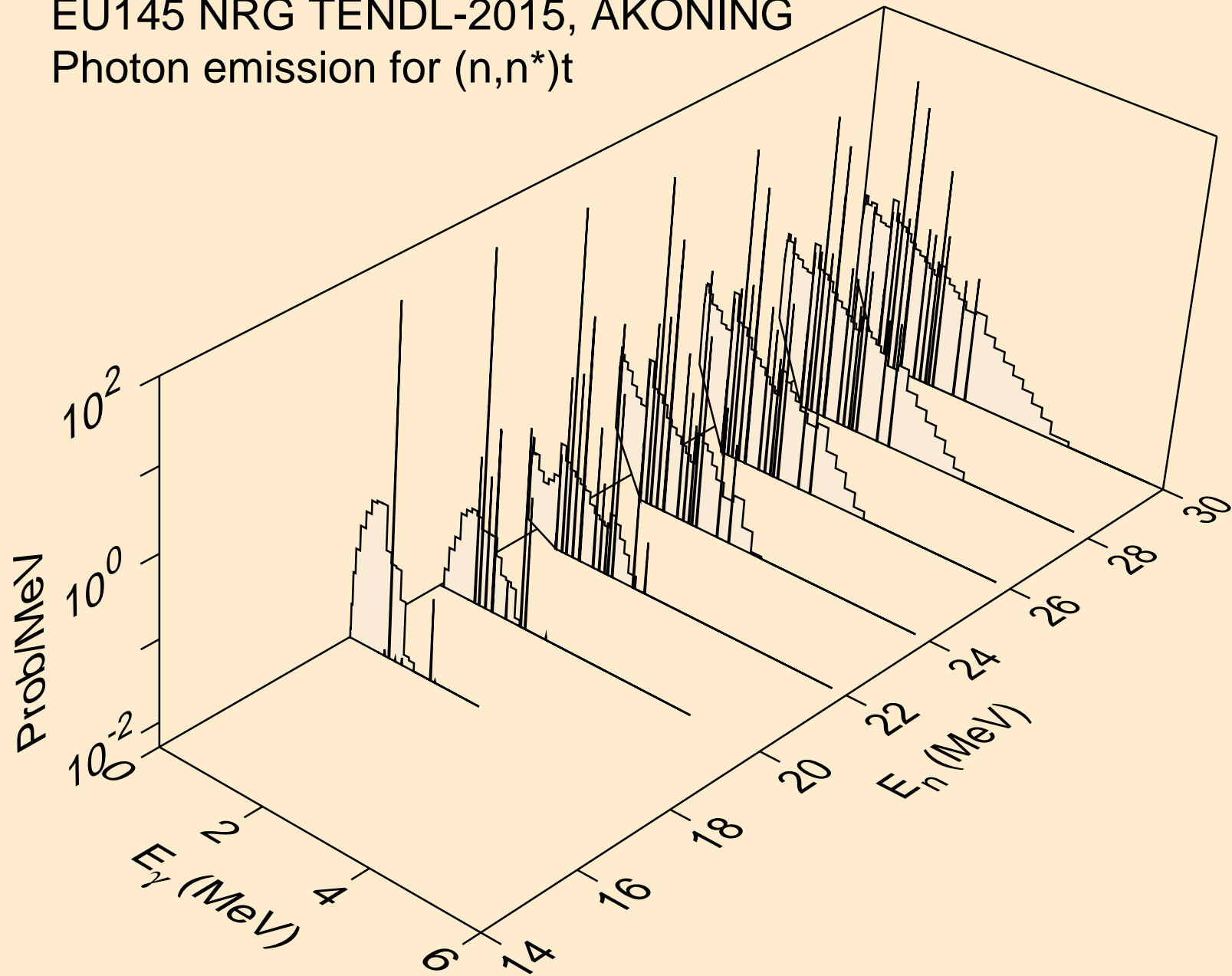
EU145 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



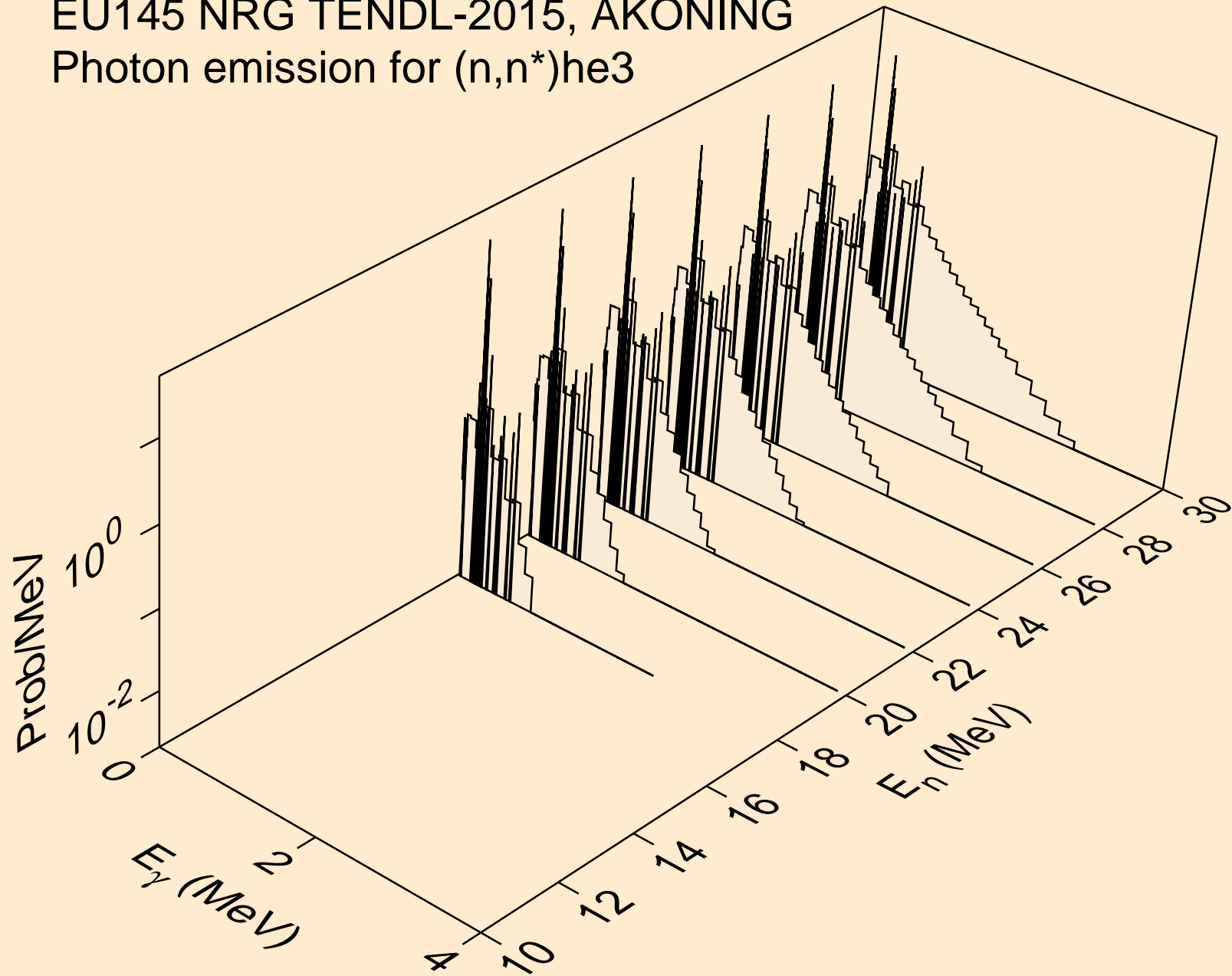
EU145 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



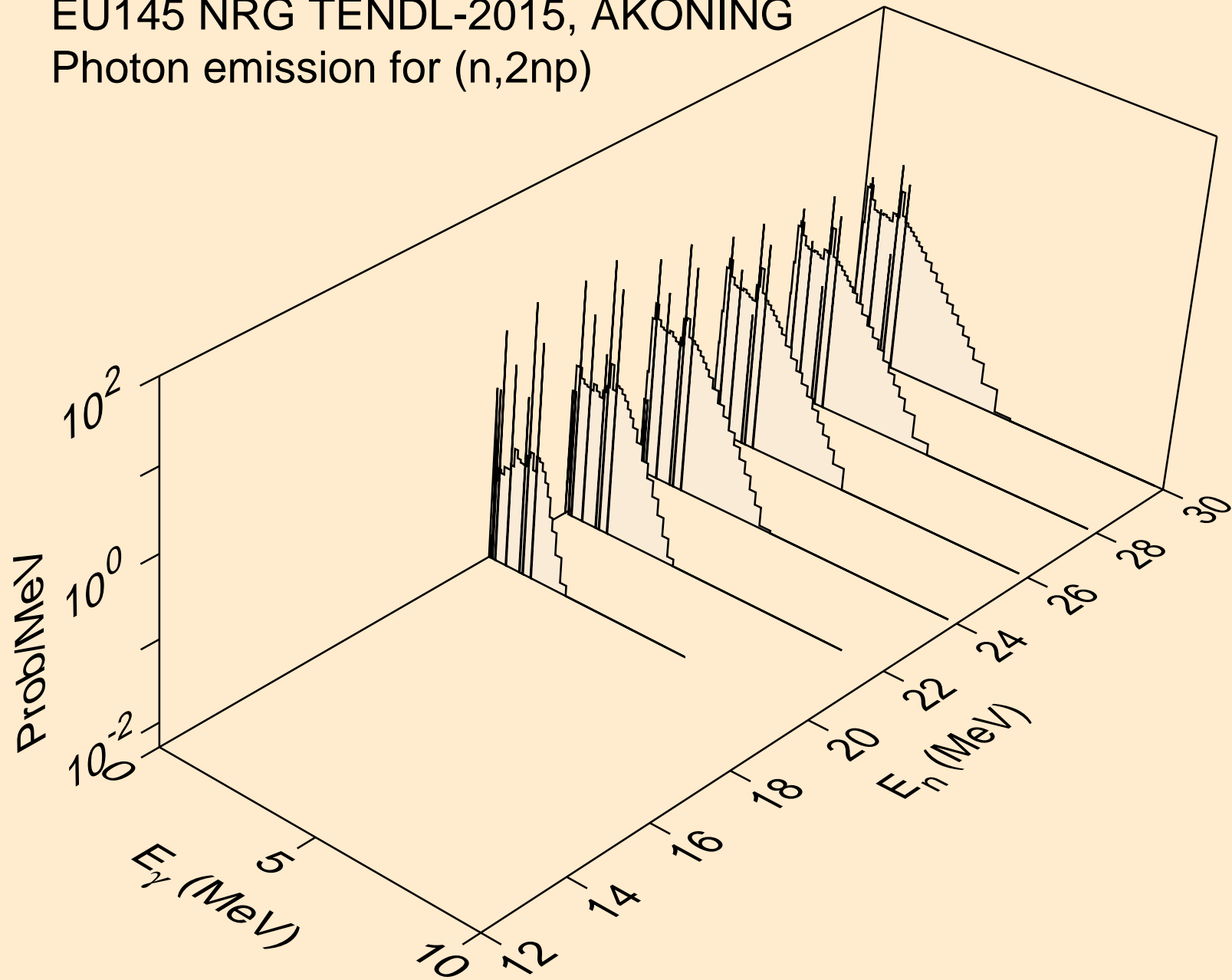
EU145 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



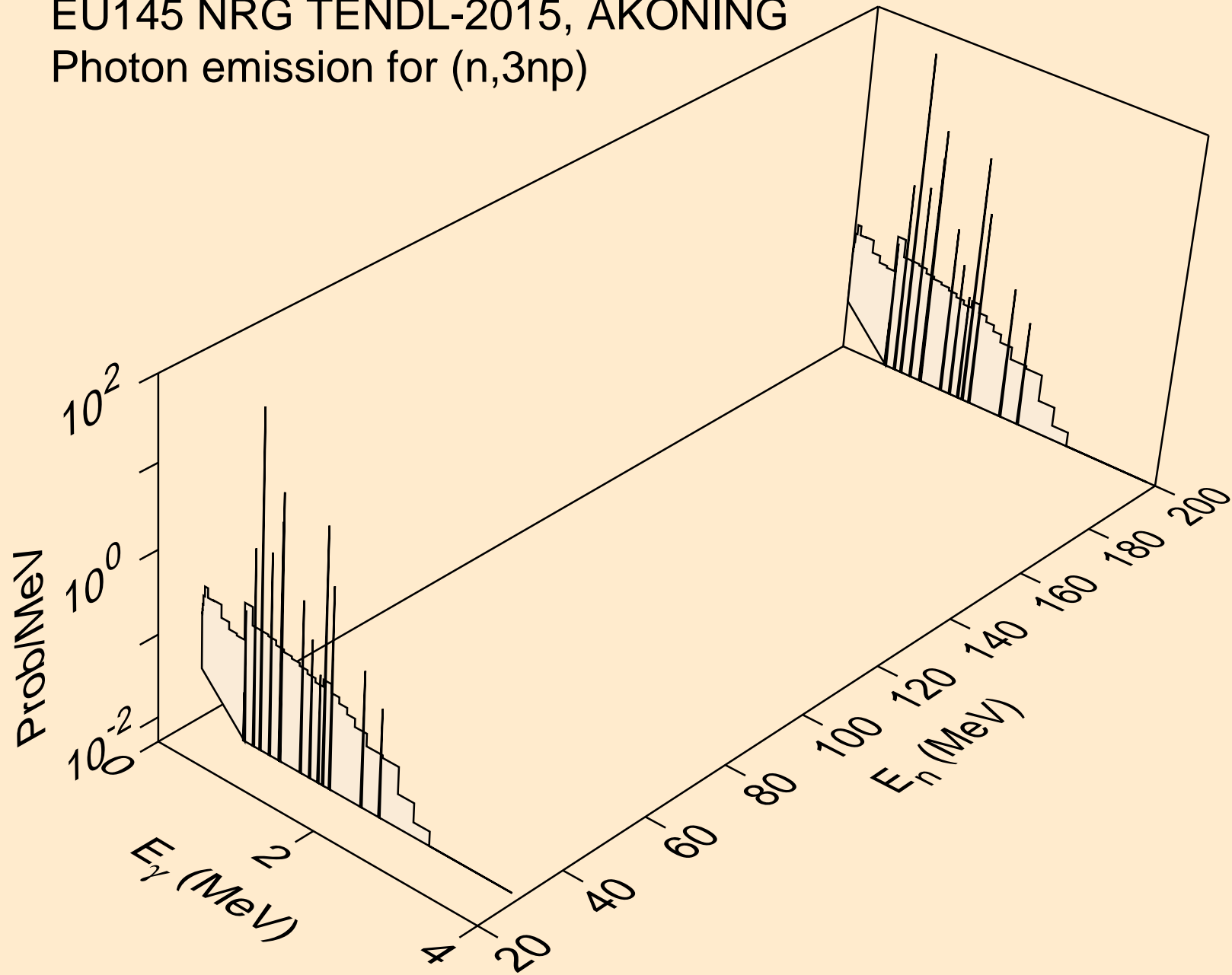
EU145 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



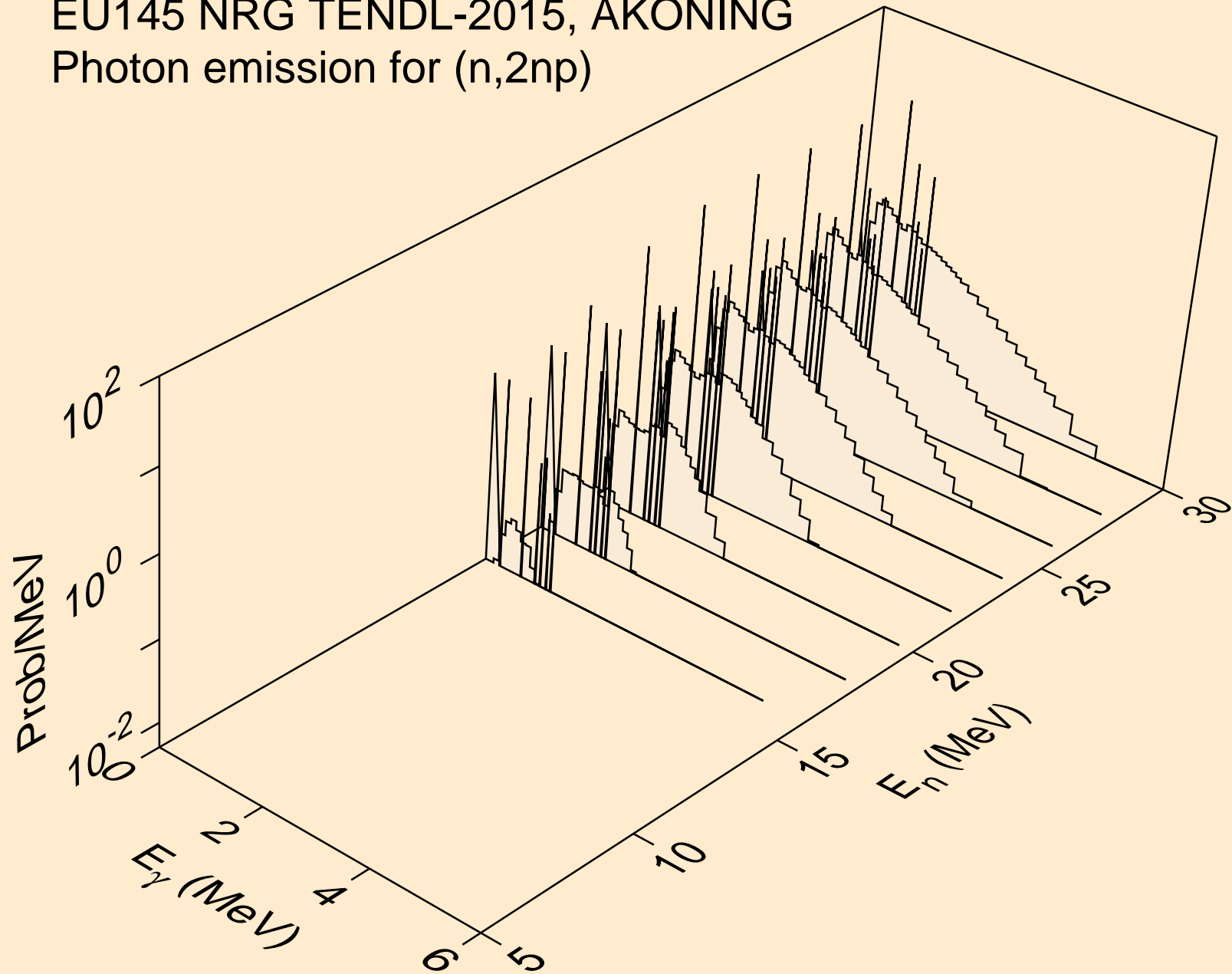
EU145 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



EU145 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

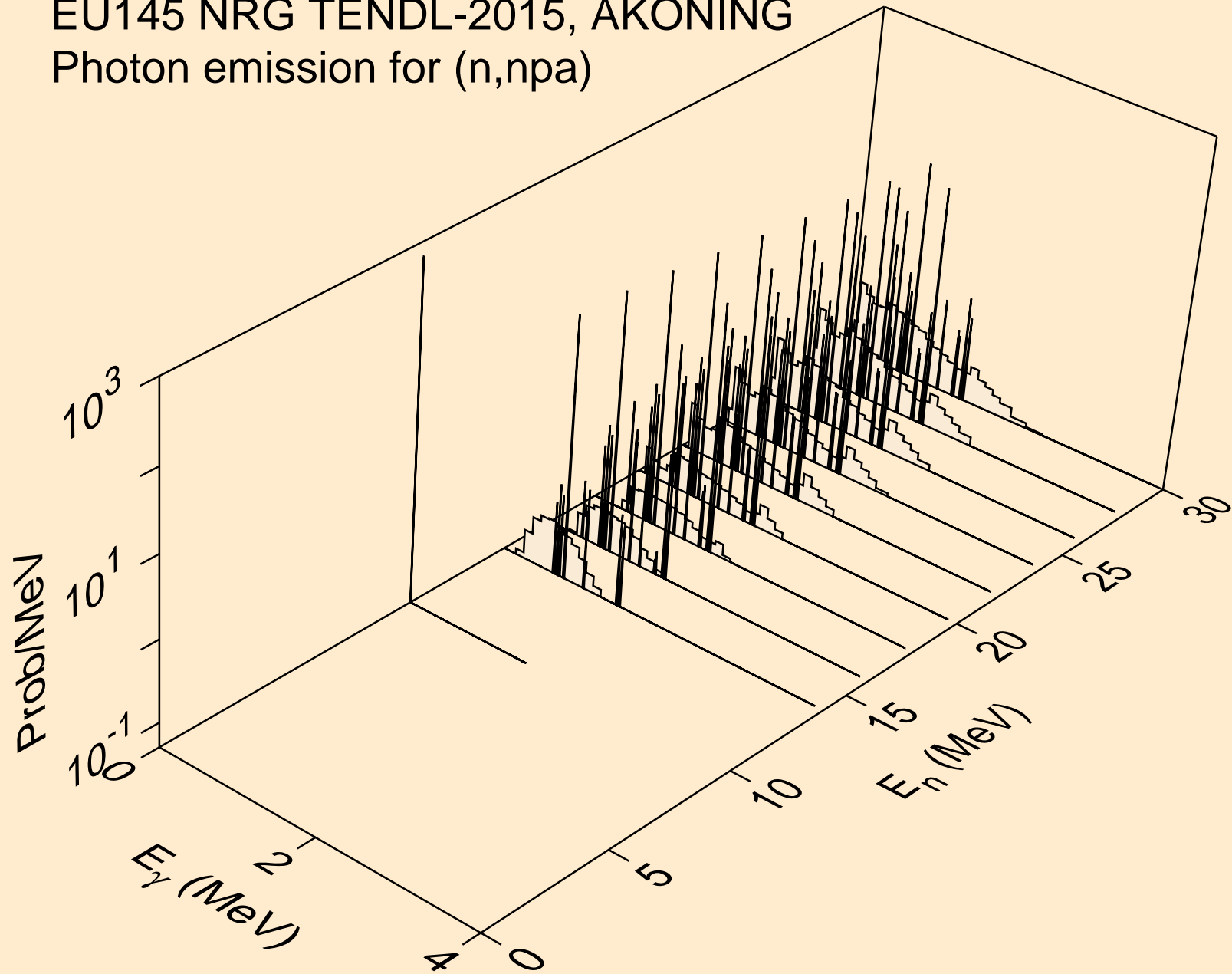


EU145 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

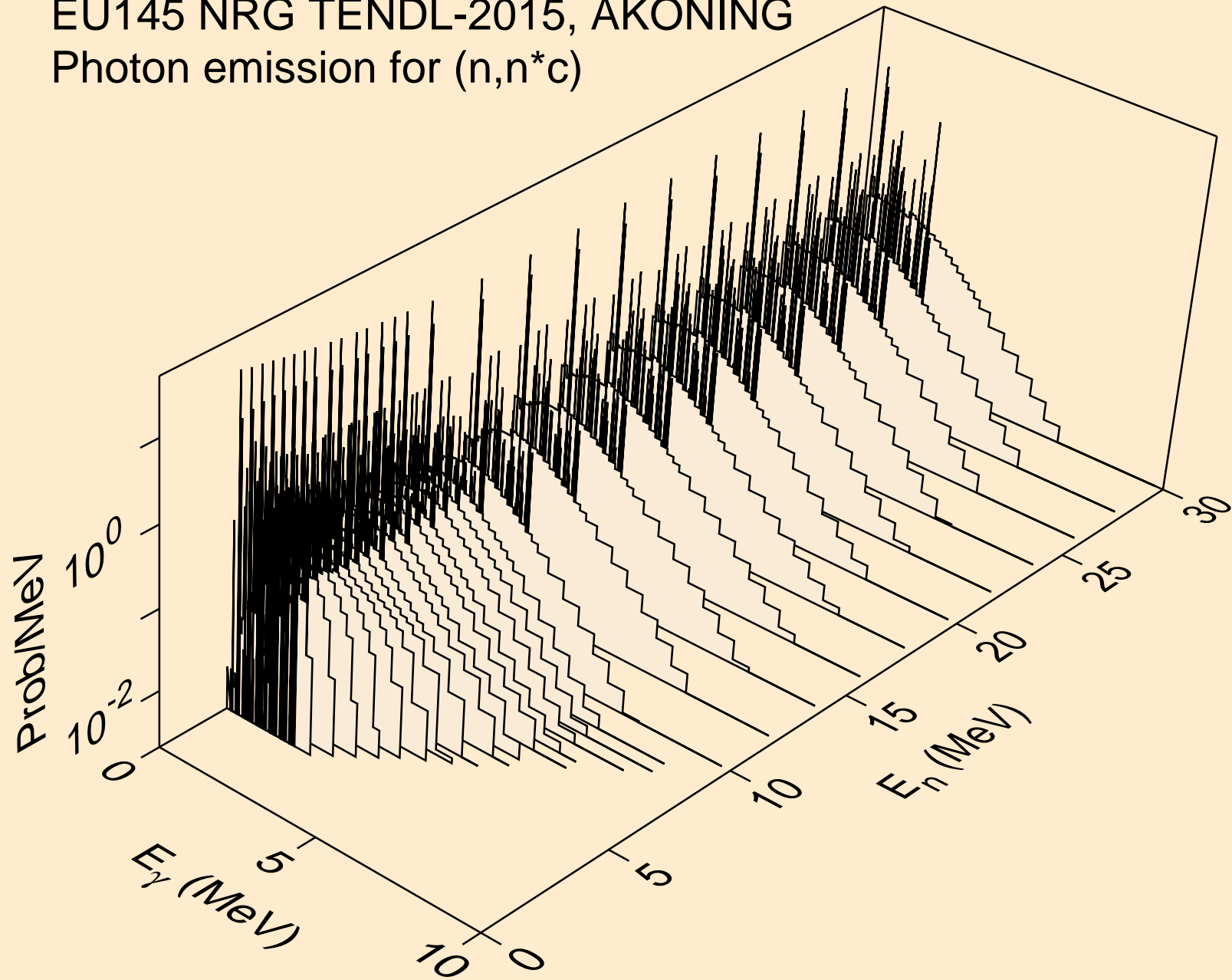




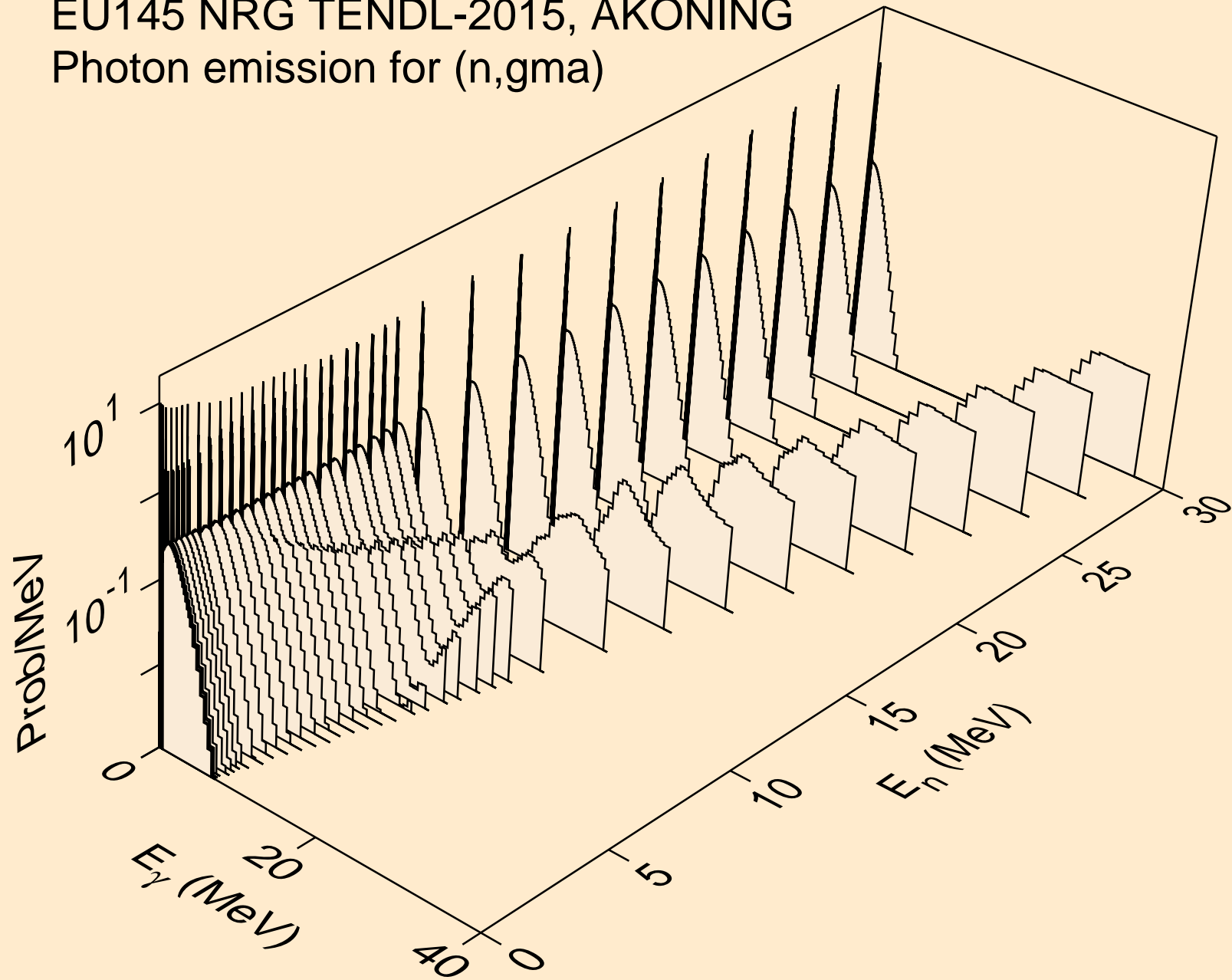
EU145 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



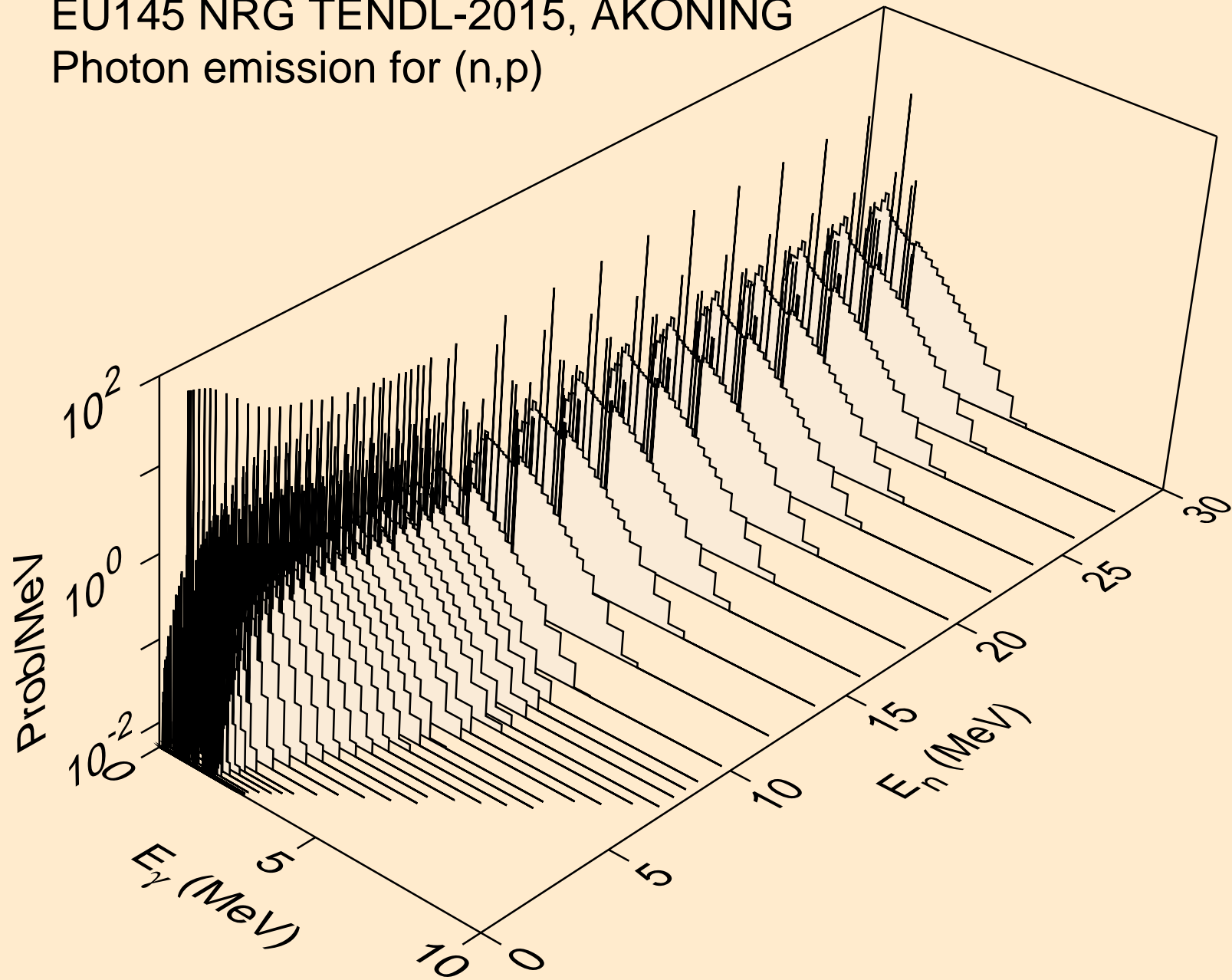
EU145 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



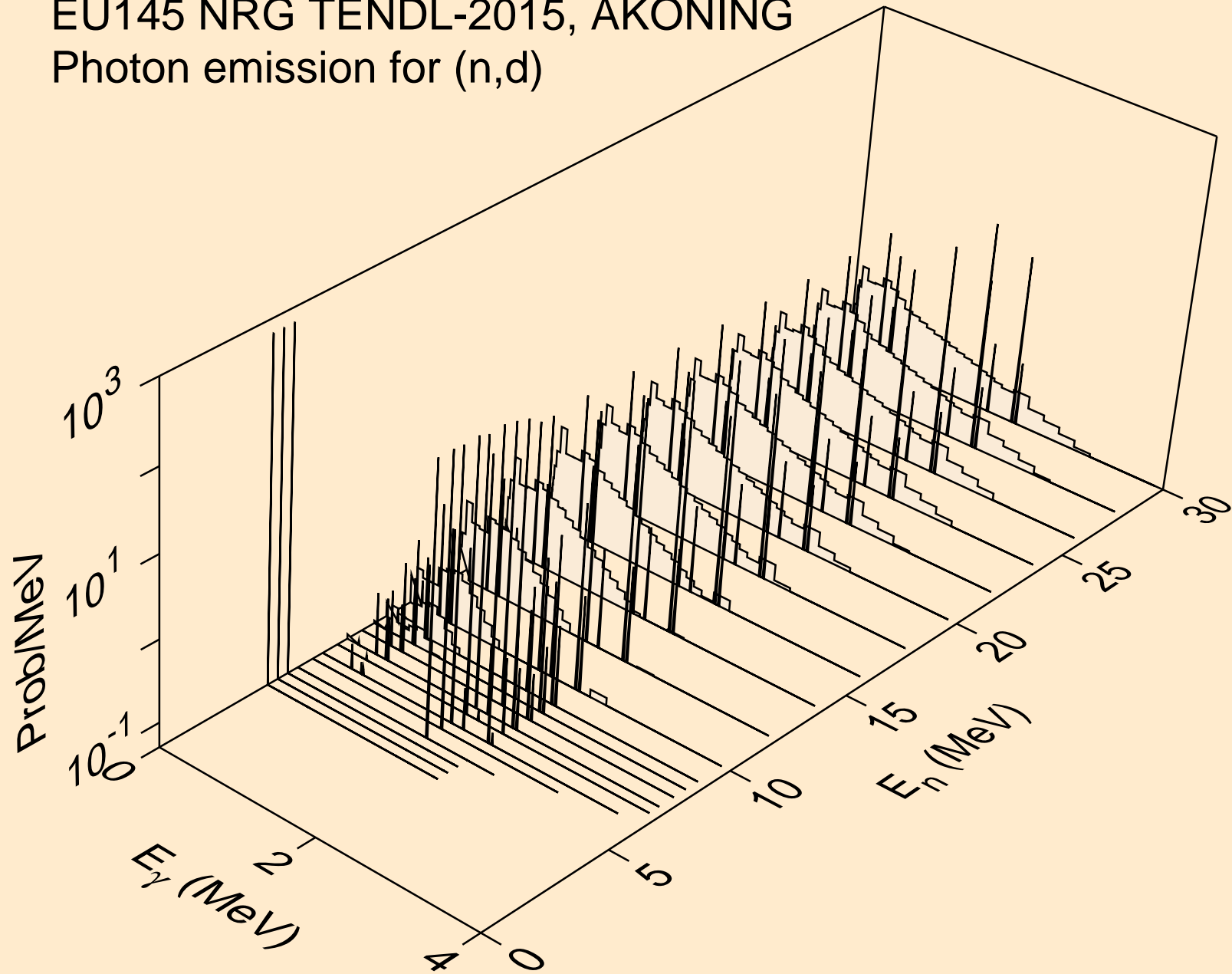
EU145 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



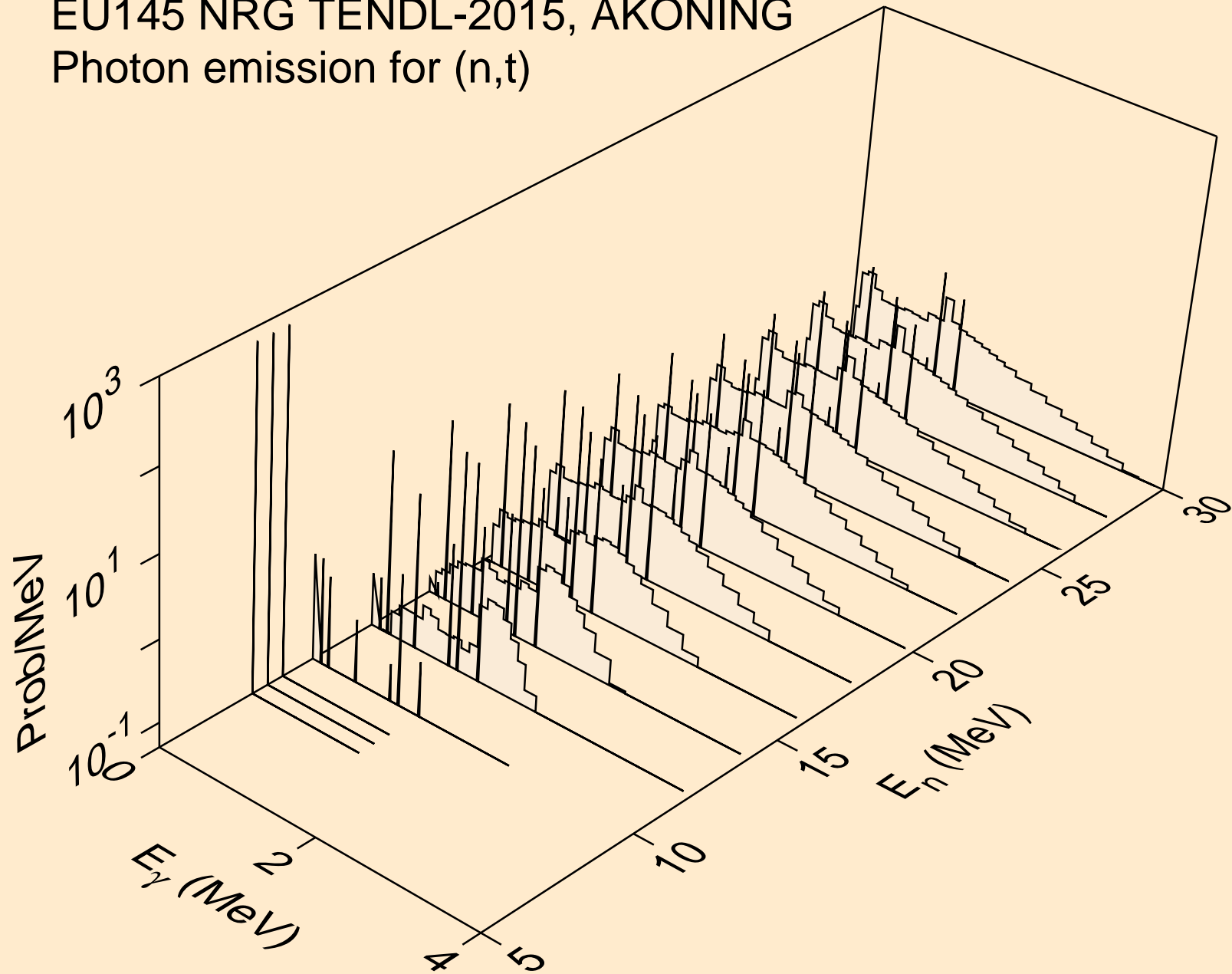
EU145 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



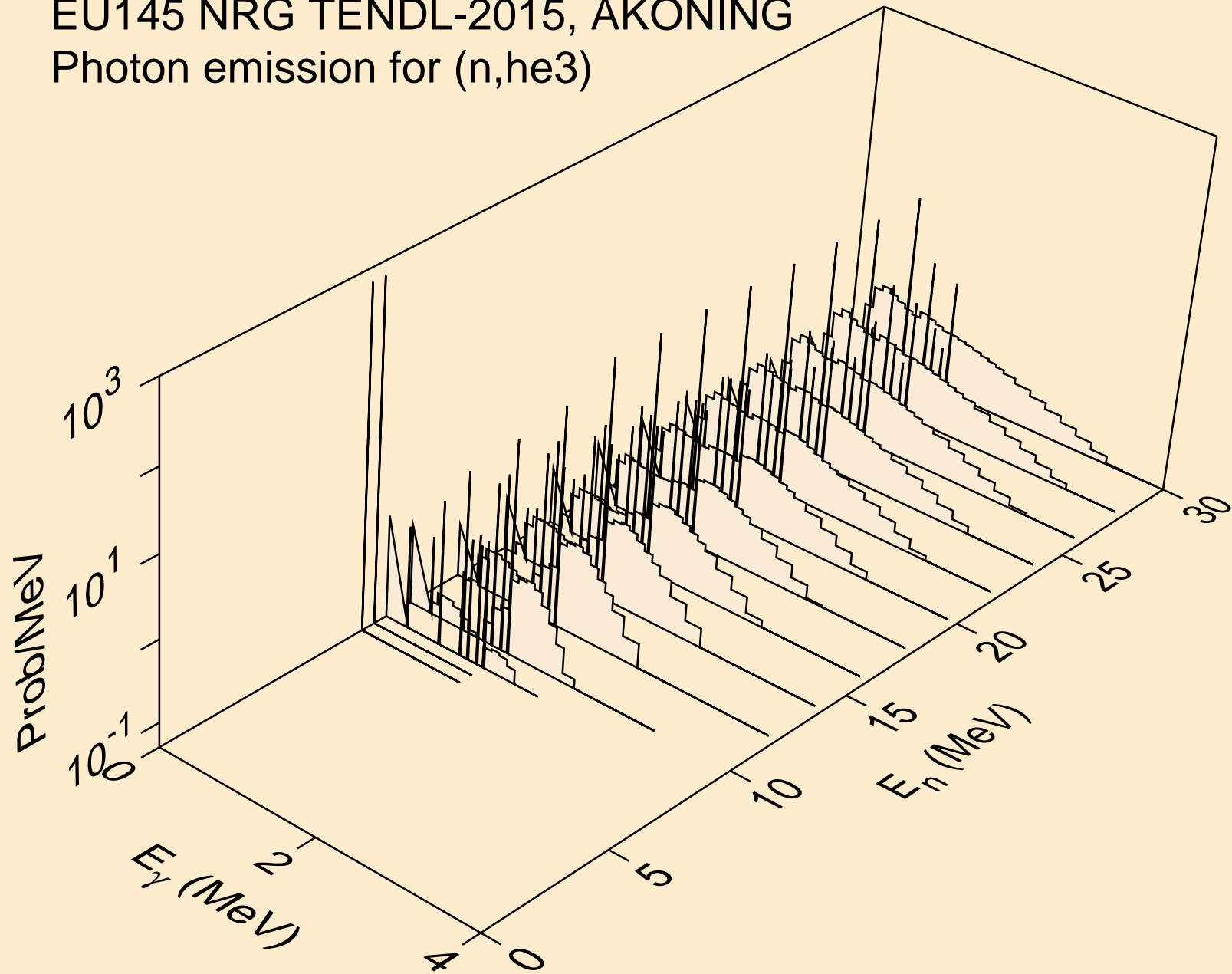
EU145 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



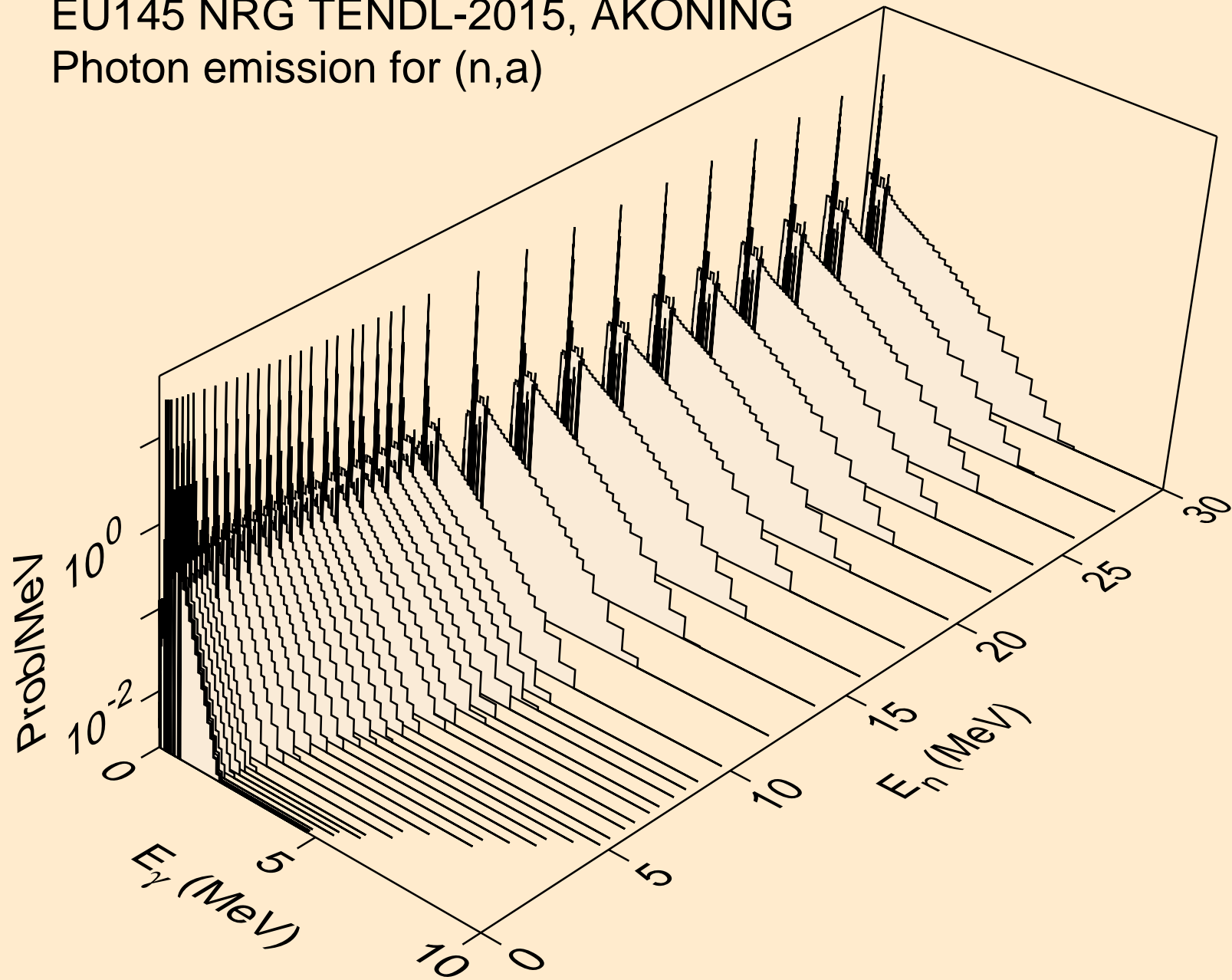
EU145 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



EU145 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

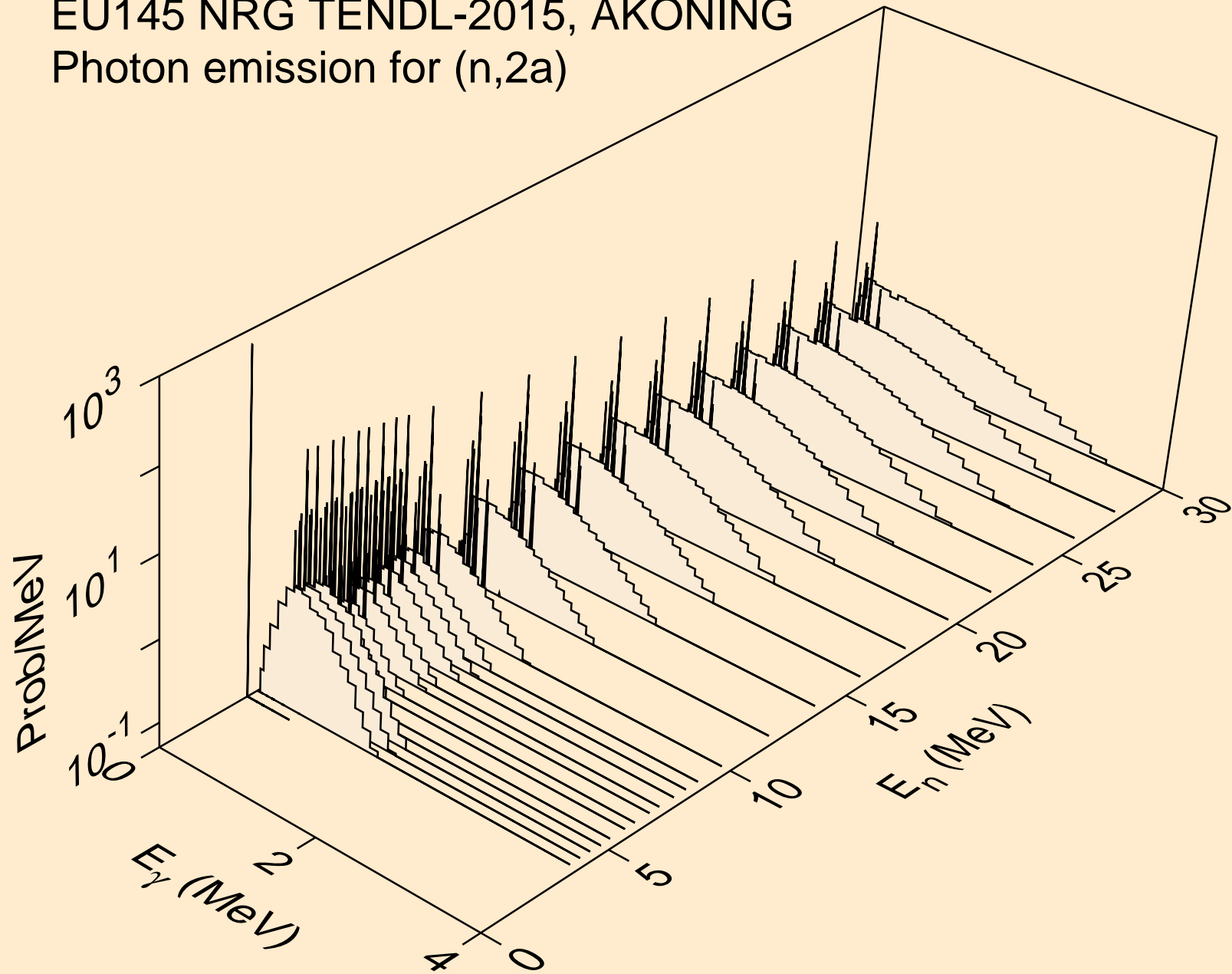


EU145 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

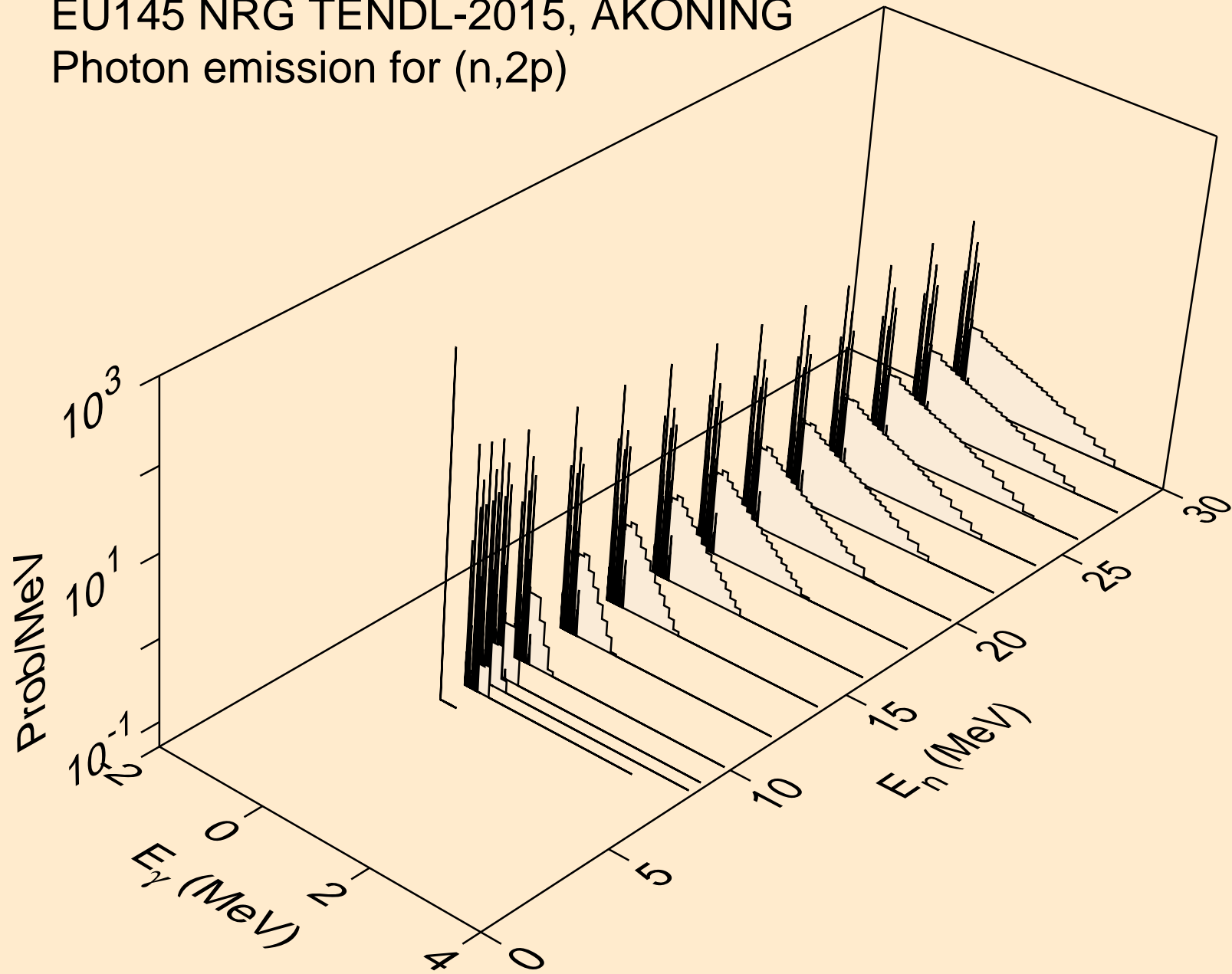




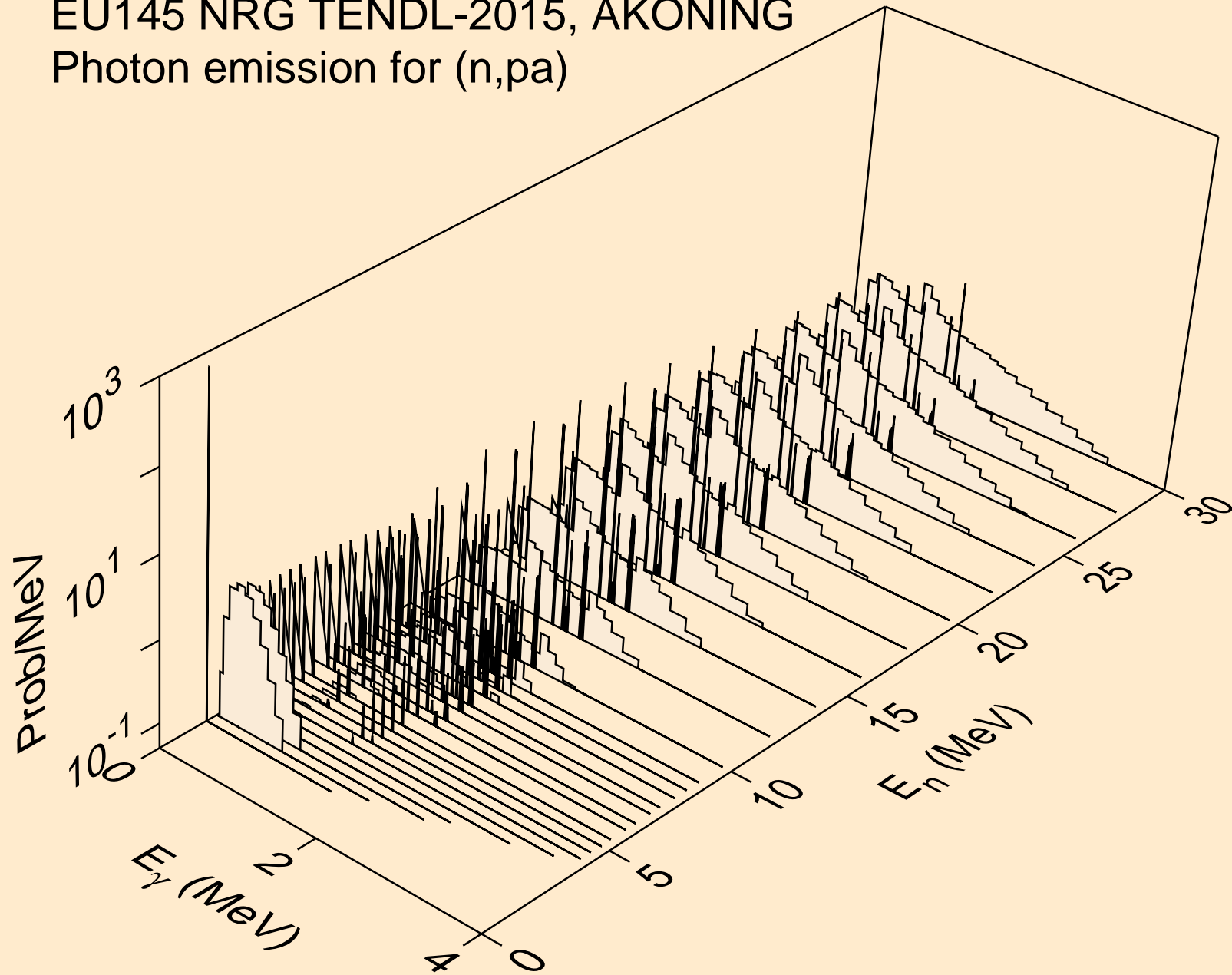
EU145 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



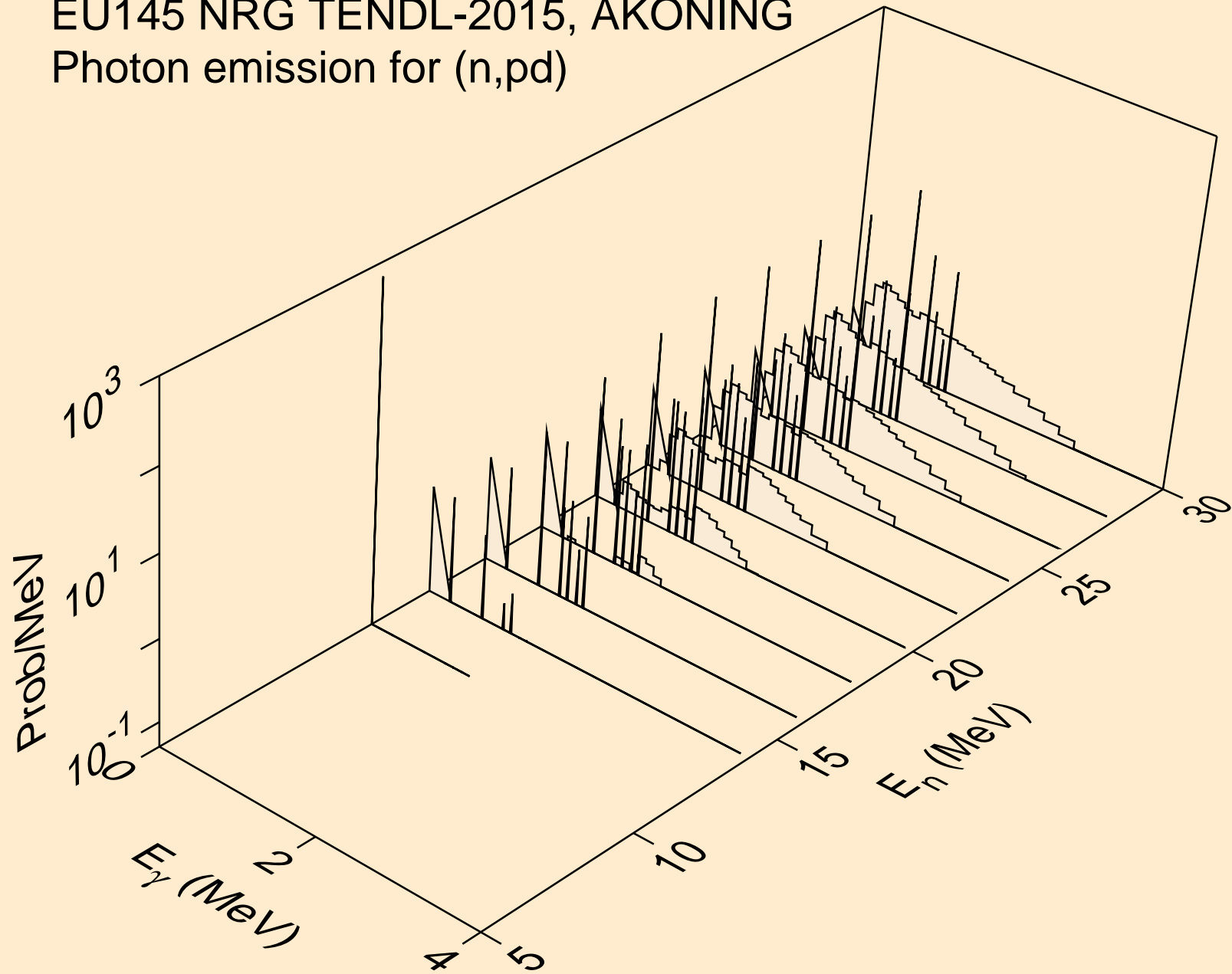
EU145 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



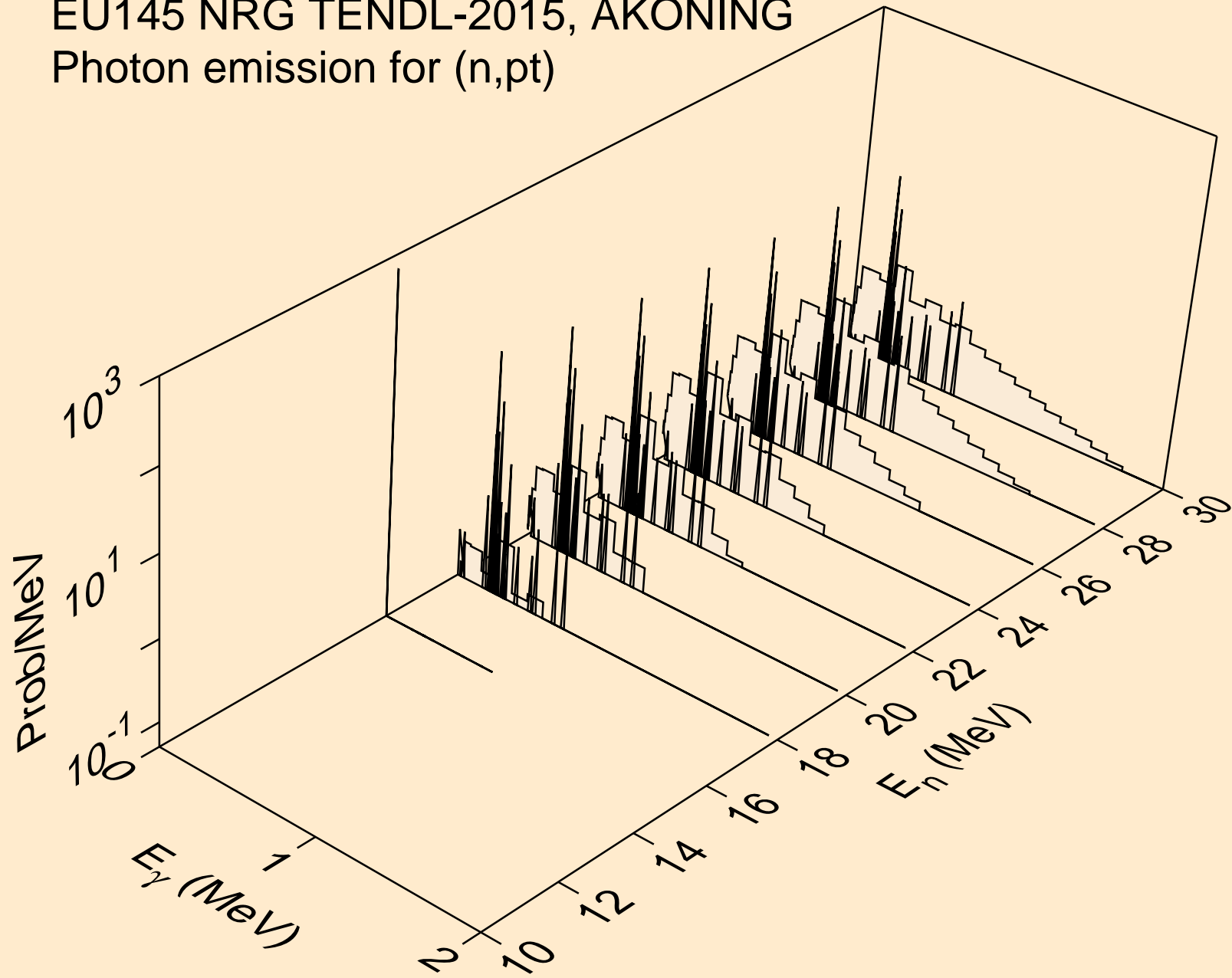
EU145 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



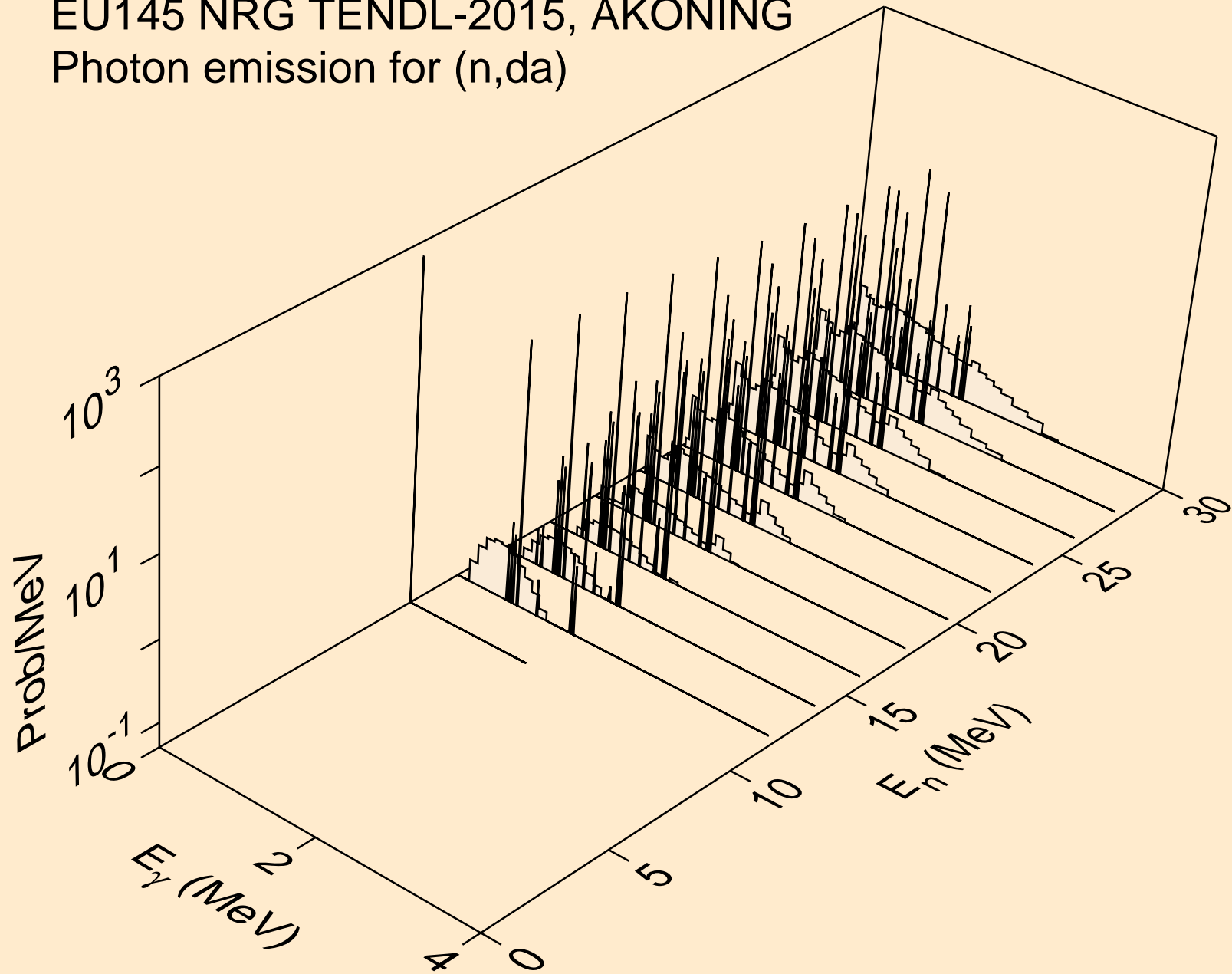
EU145 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



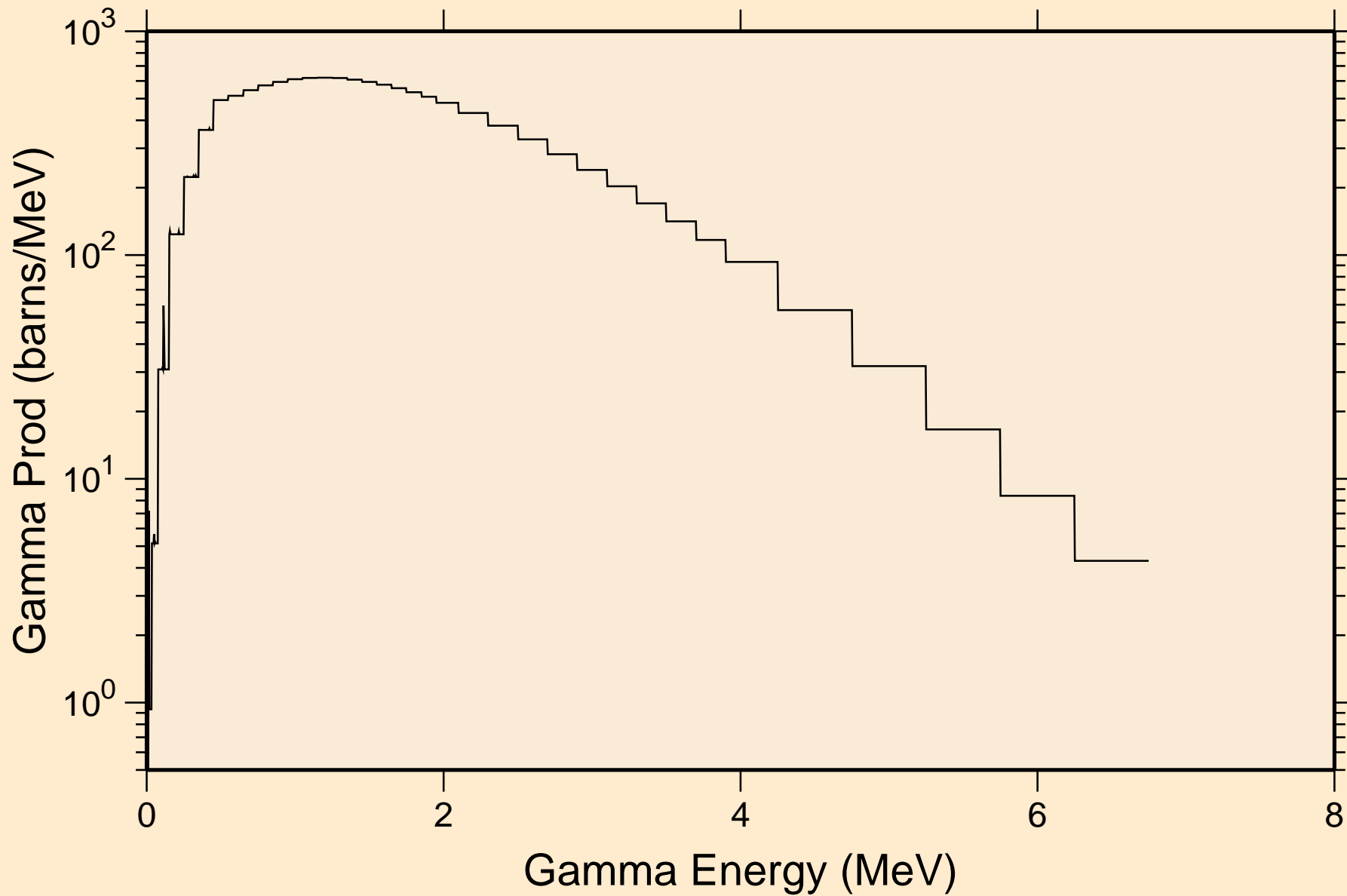
EU145 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



EU145 NRG TENDL-2015, AKONING  
Photon emission for (n,da)

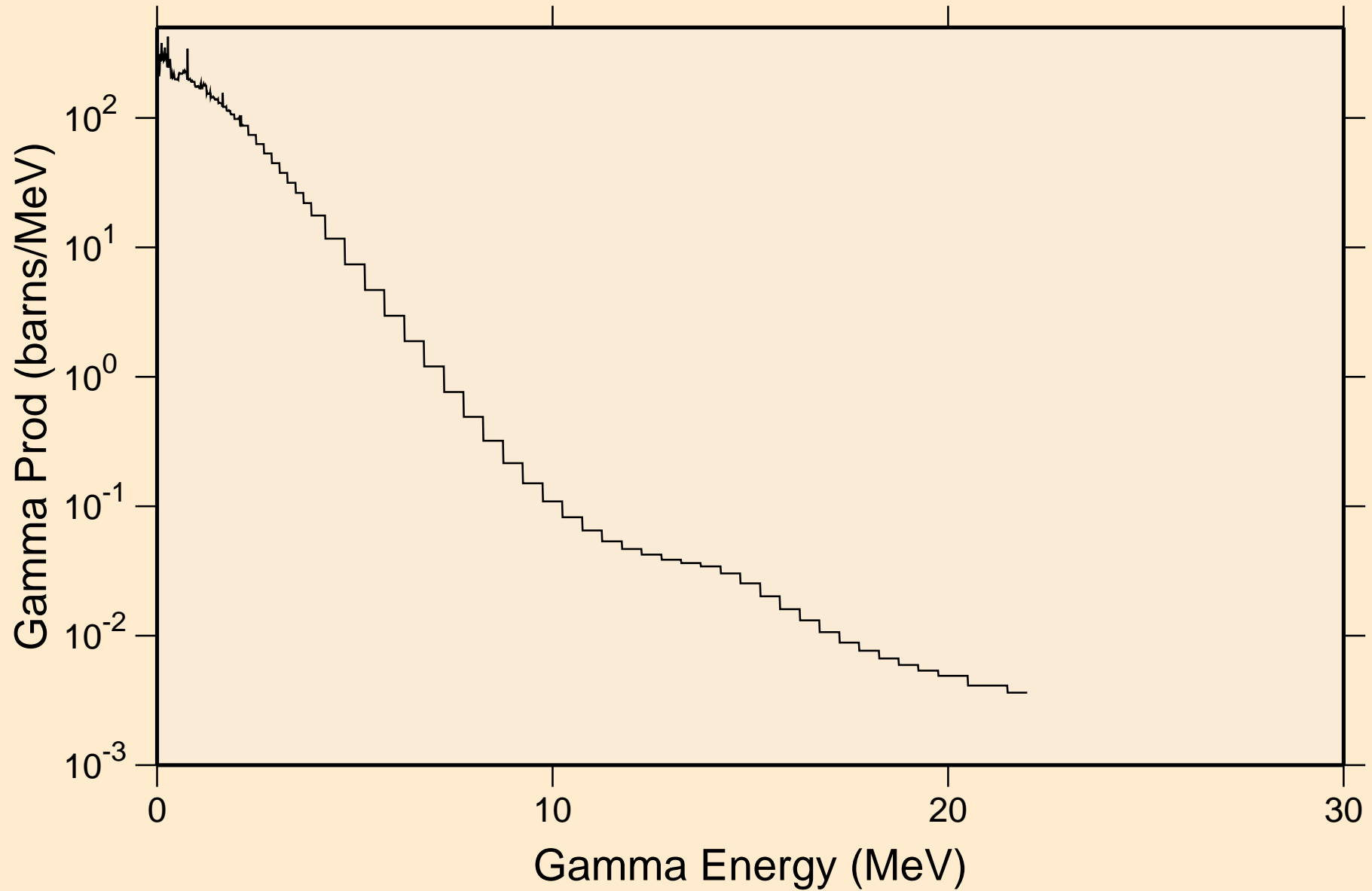


EU145 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



# EU145 NRG TENDL-2015, AKONING

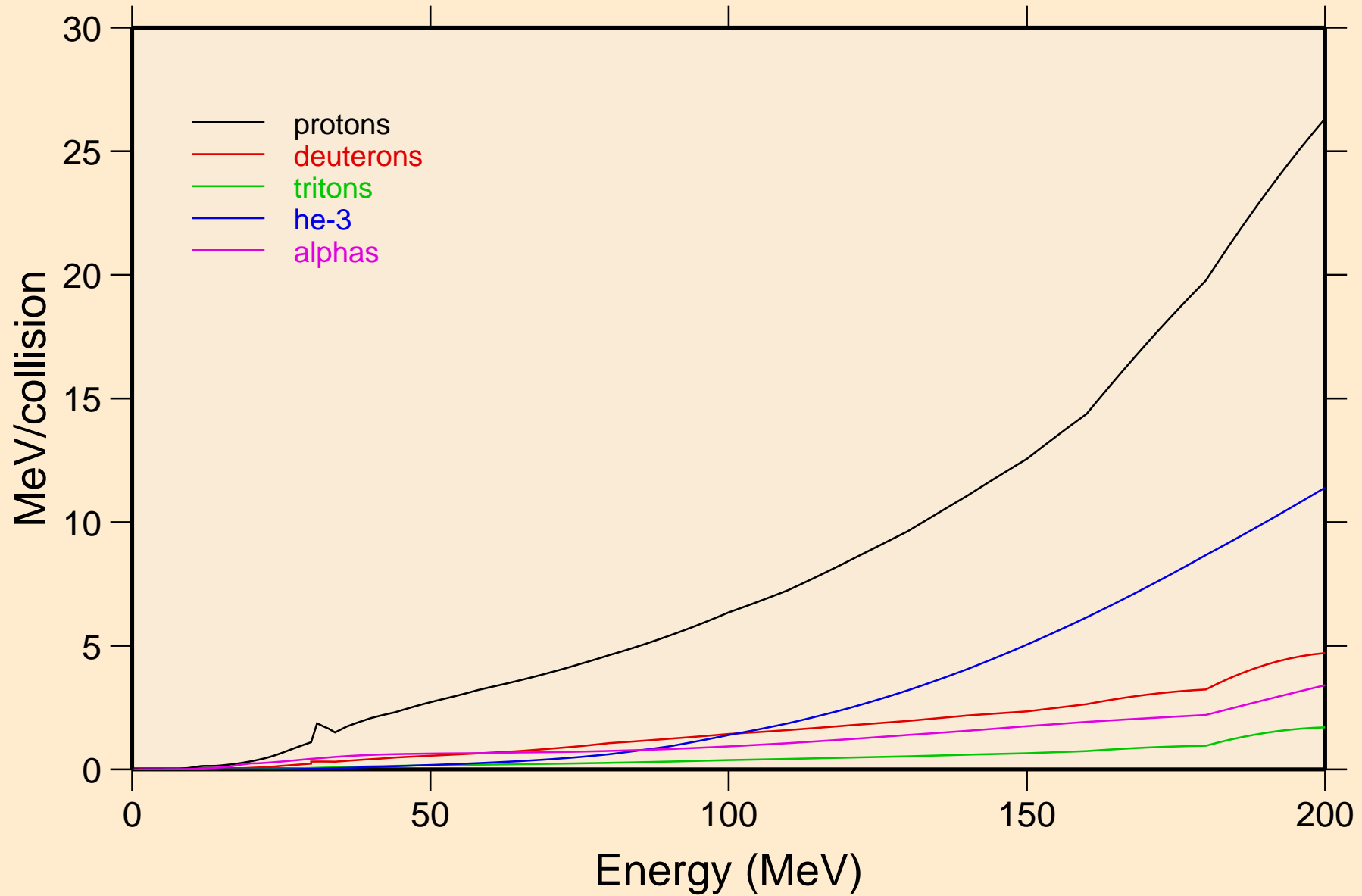
## 14 MeV photon spectrum





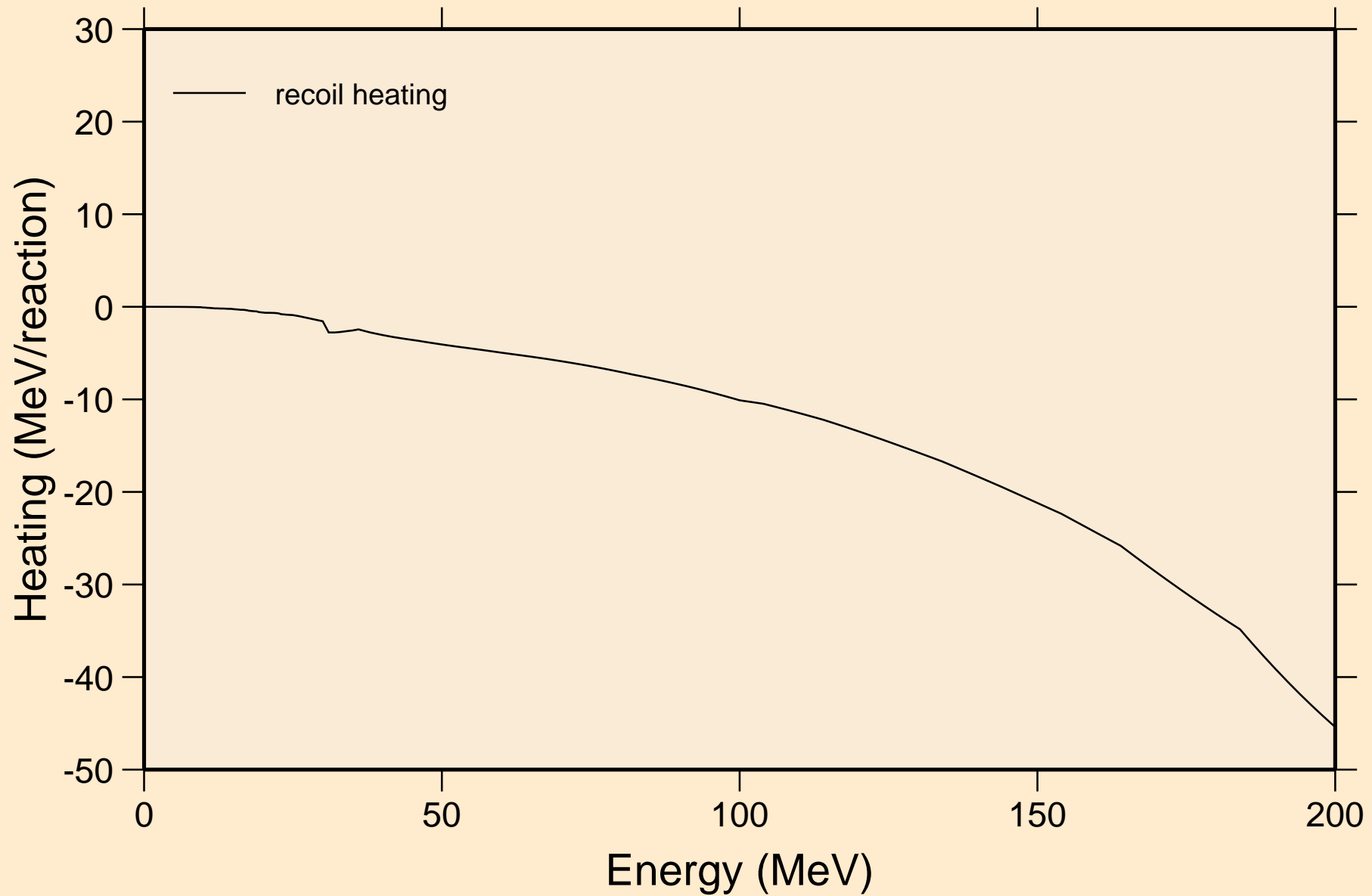
# EU145 NRG TENDL-2015, AKONING

## Particle heating contributions



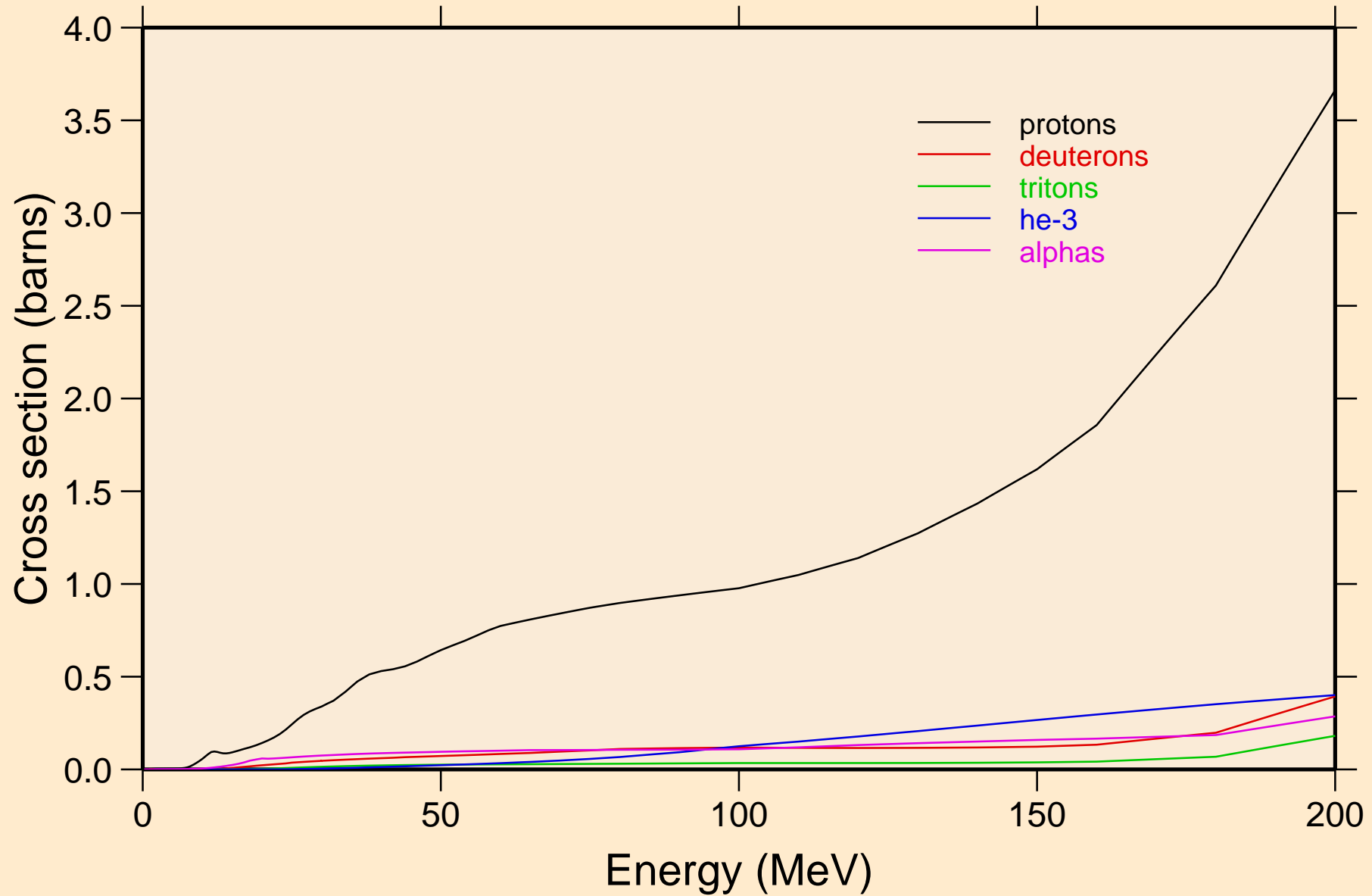
# EU145 NRG TENDL-2015, AKONING

## Recoil Heating

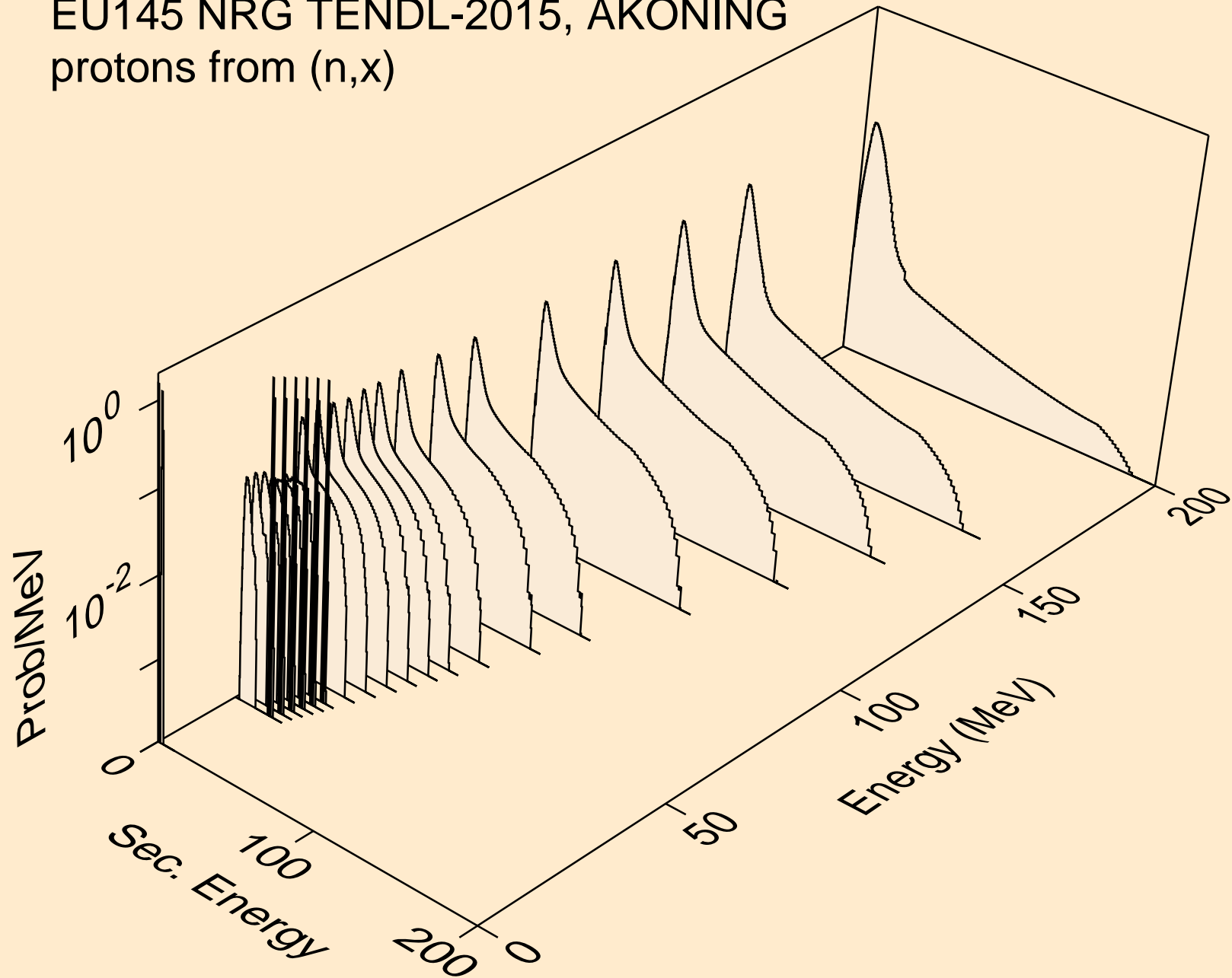


# EU145 NRG TENDL-2015, AKONING

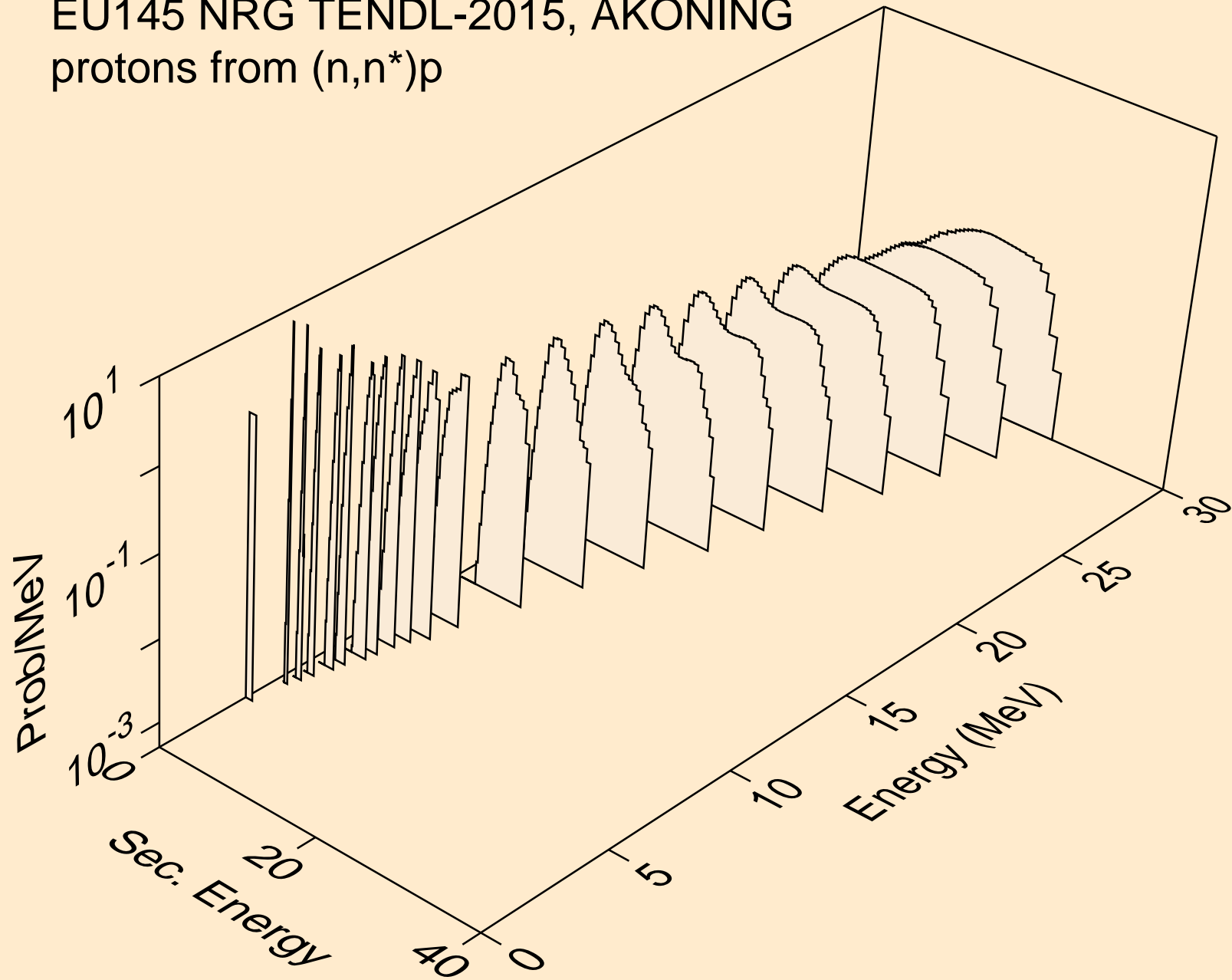
## Particle production cross sections



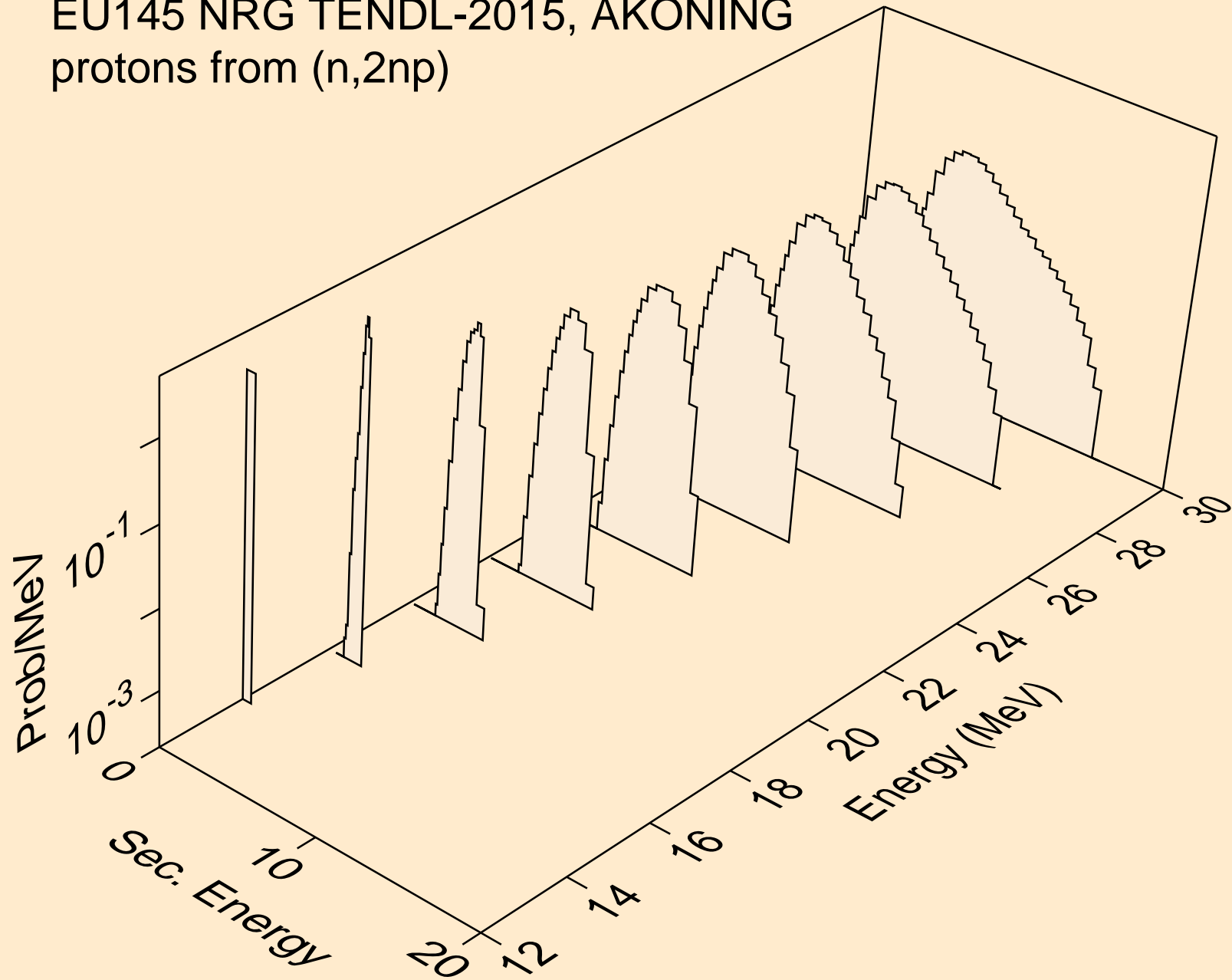
EU145 NRG TENDL-2015, AKONING  
protons from (n,x)



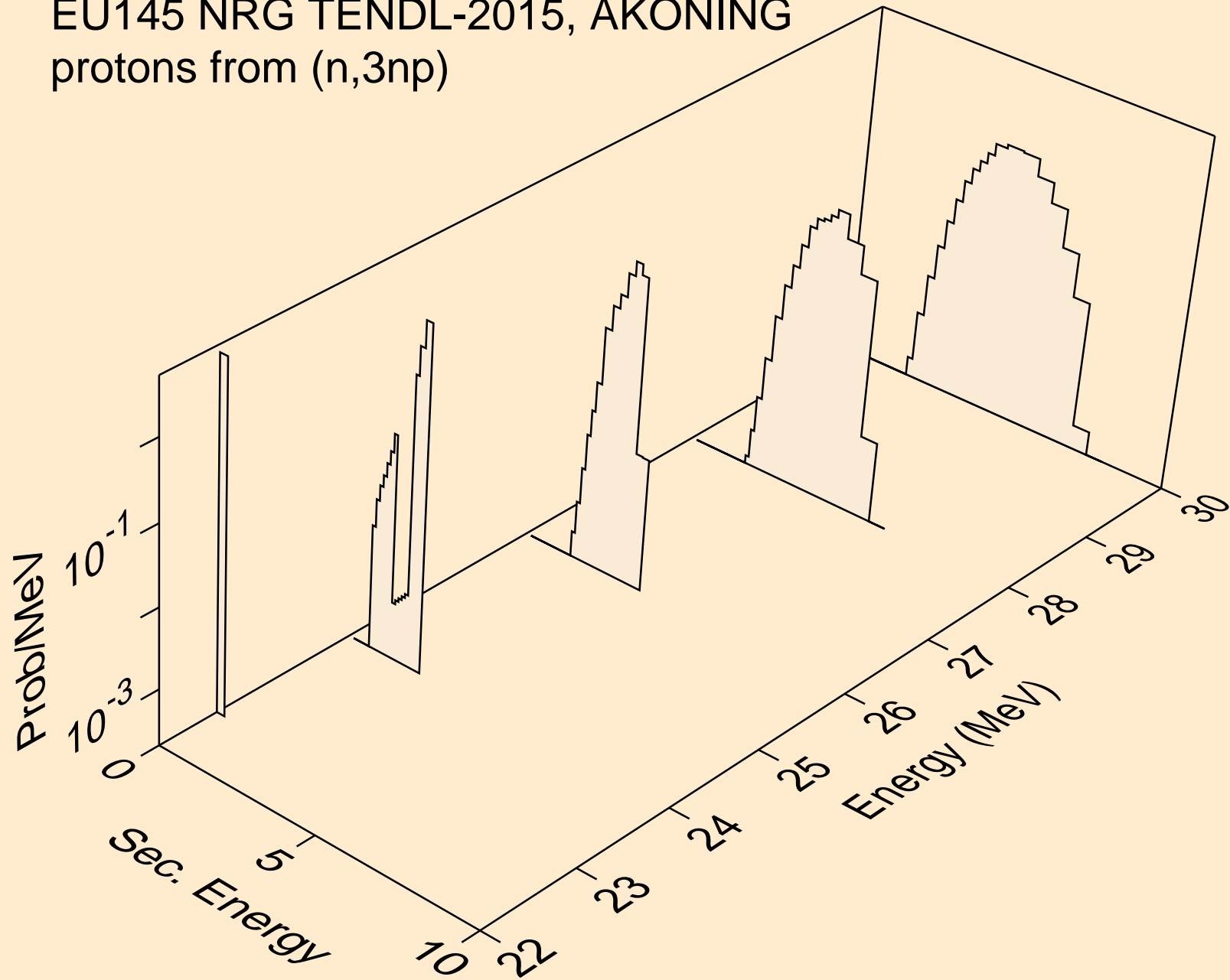
EU145 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



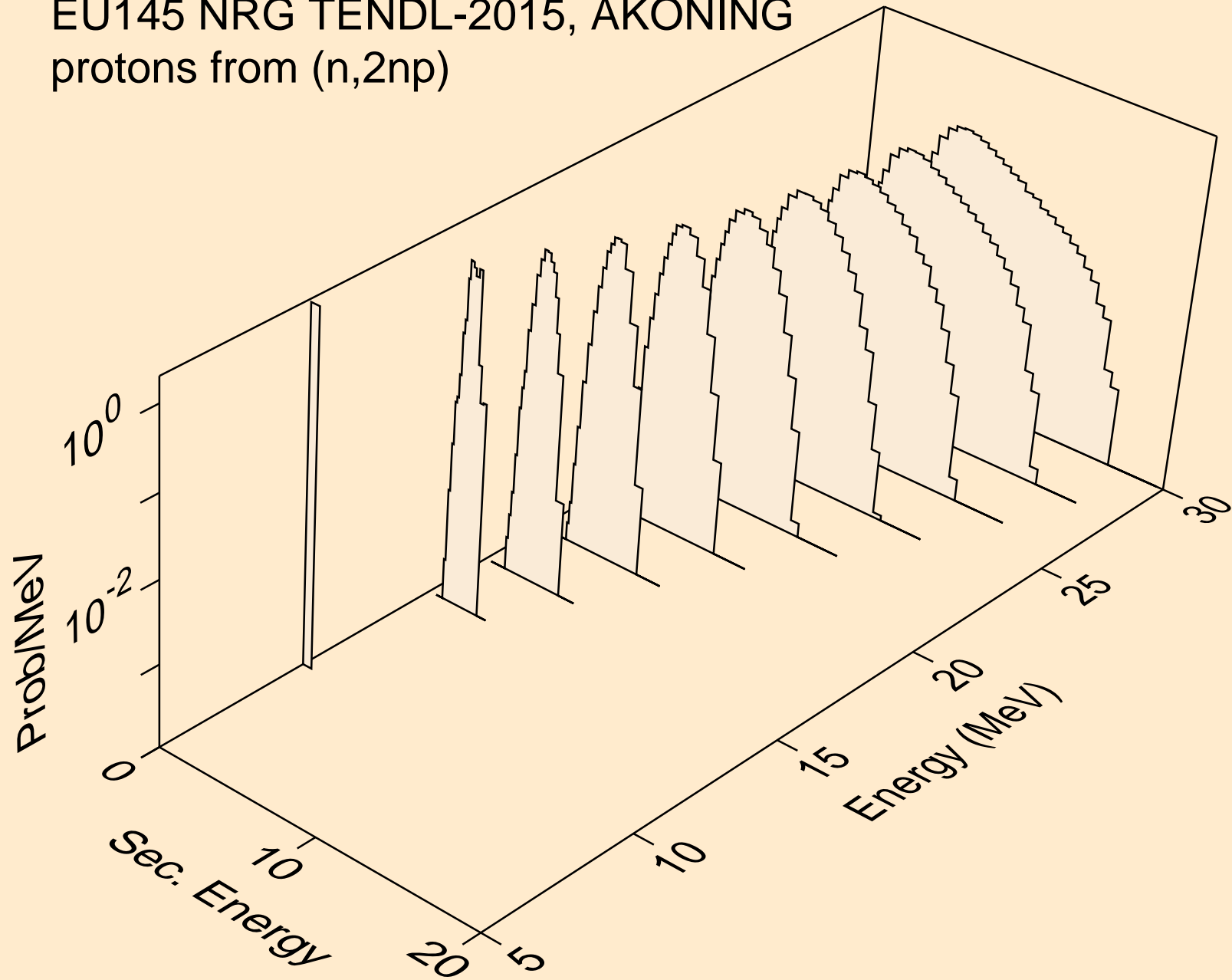
EU145 NRG TENDL-2015, AKONING  
protons from (n,2np)



EU145 NRG TENDL-2015, AKONING  
protons from (n,3np)

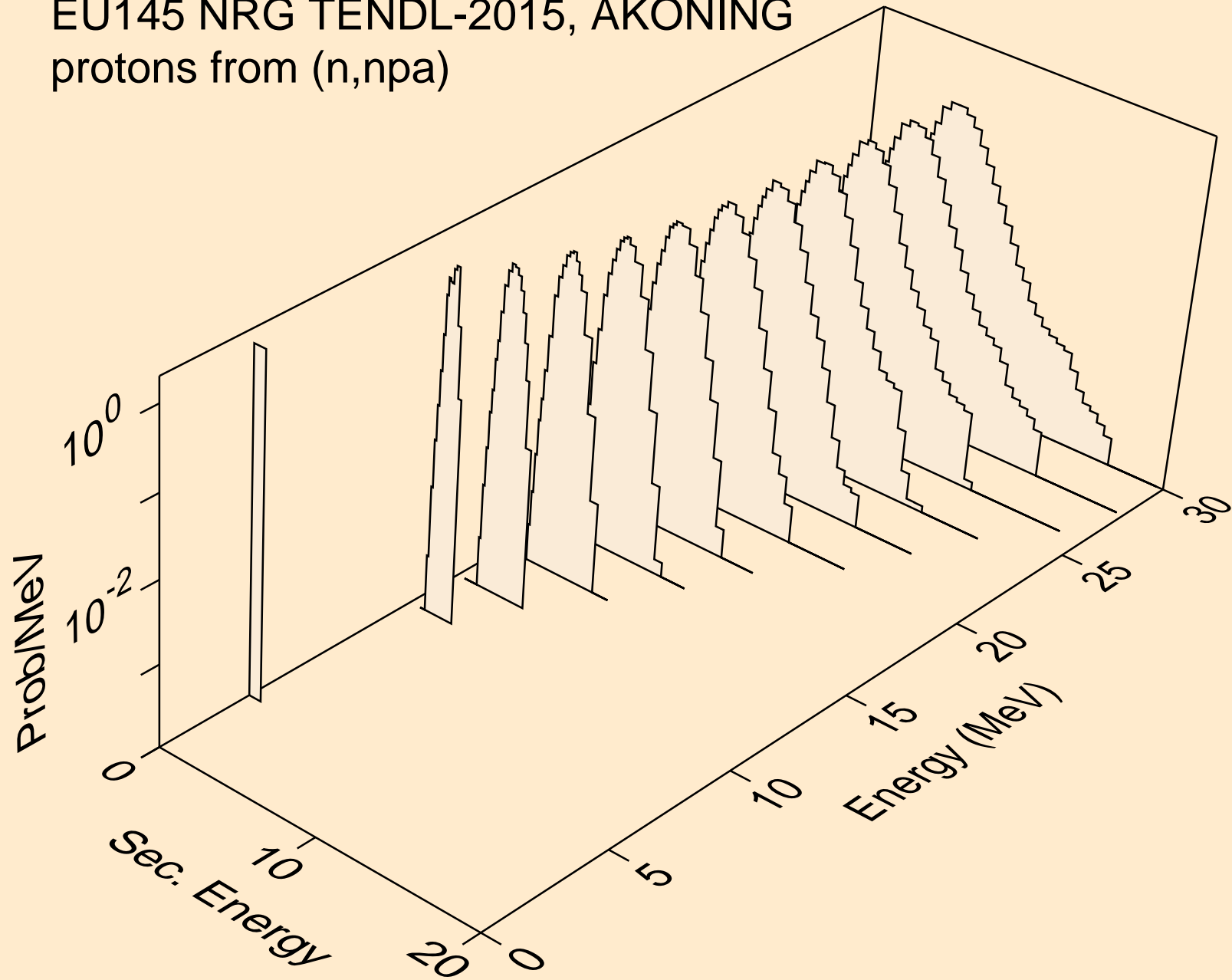


EU145 NRG TENDL-2015, AKONING  
protons from (n,2np)

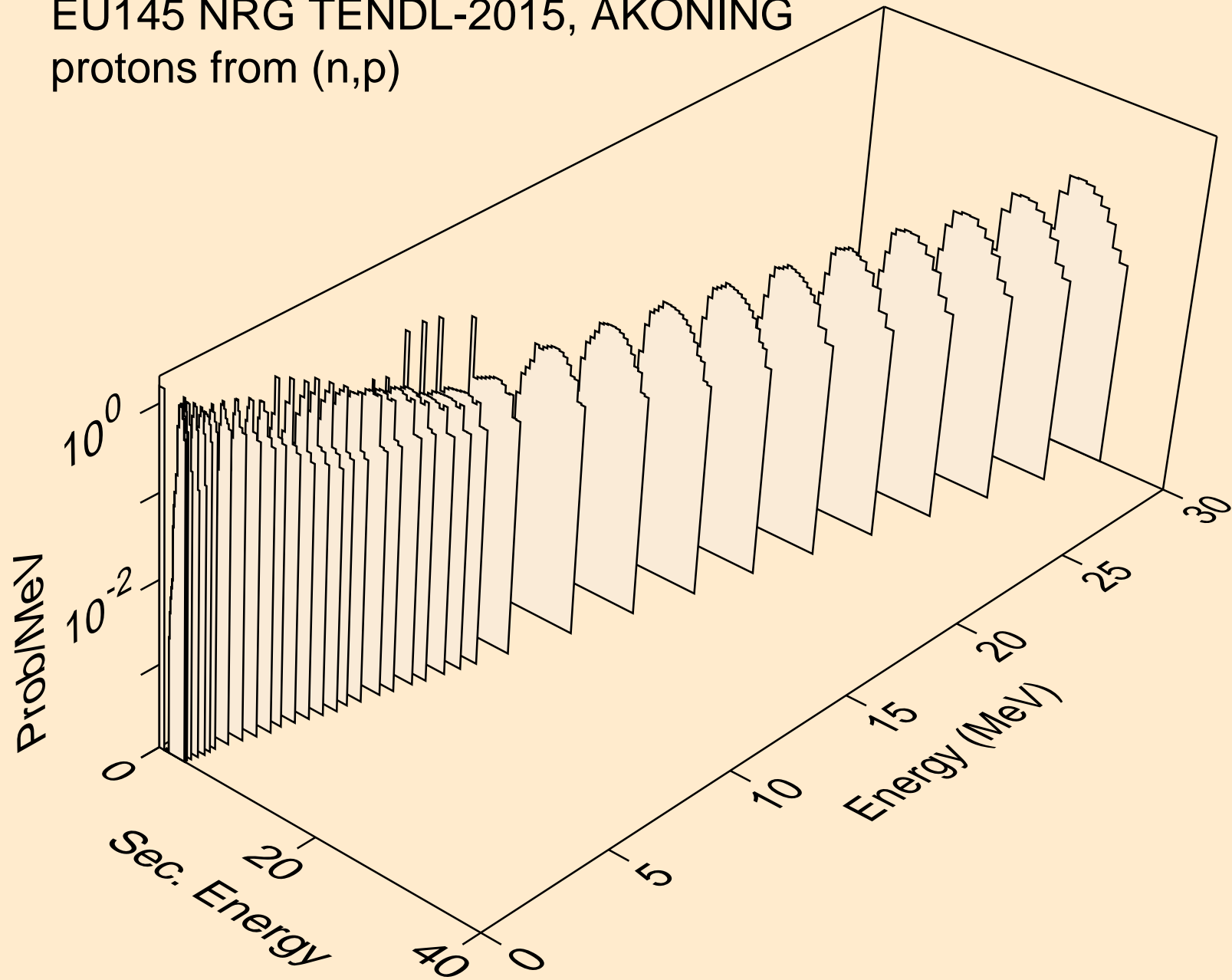




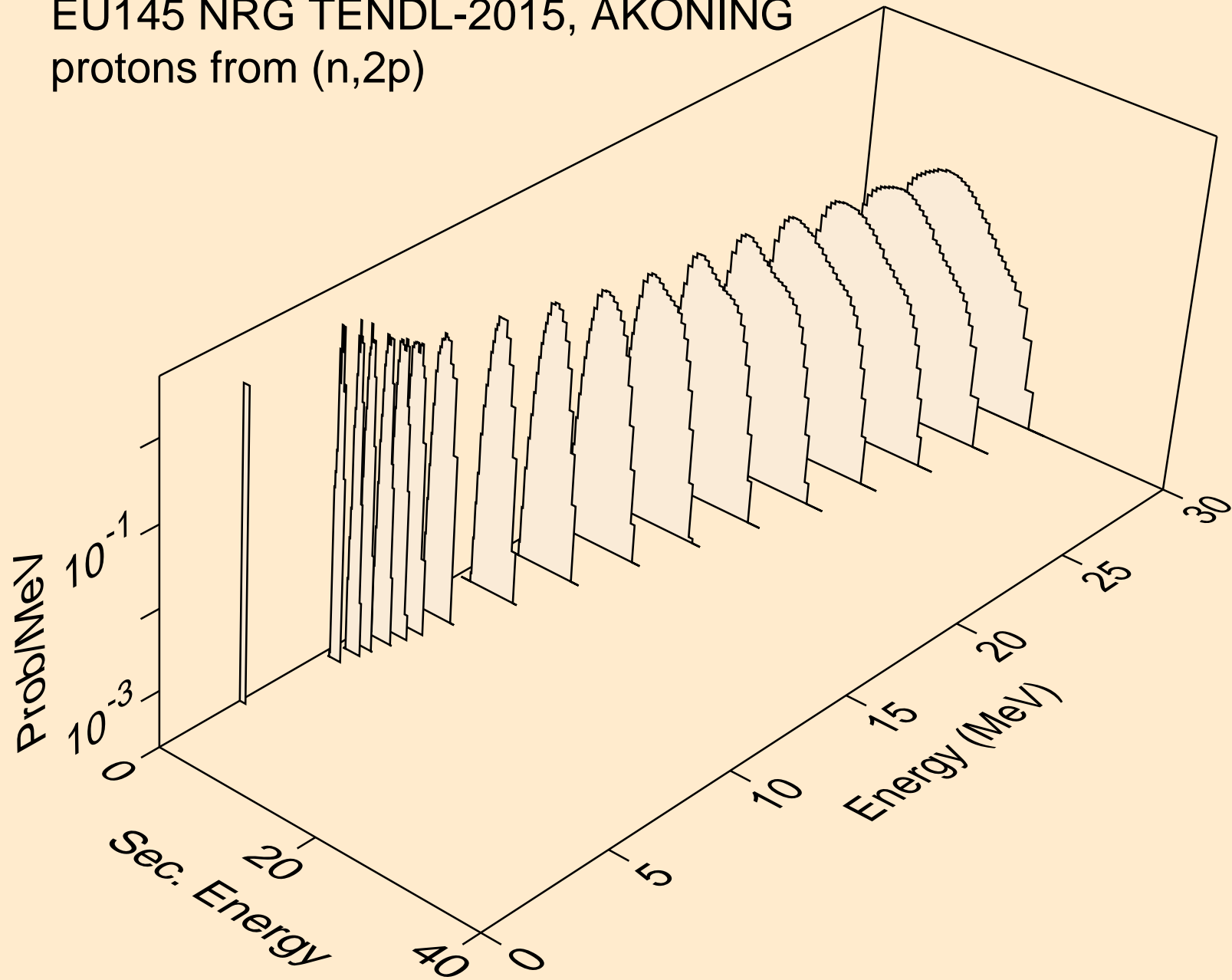
EU145 NRG TENDL-2015, AKONING  
protons from (n,npa)



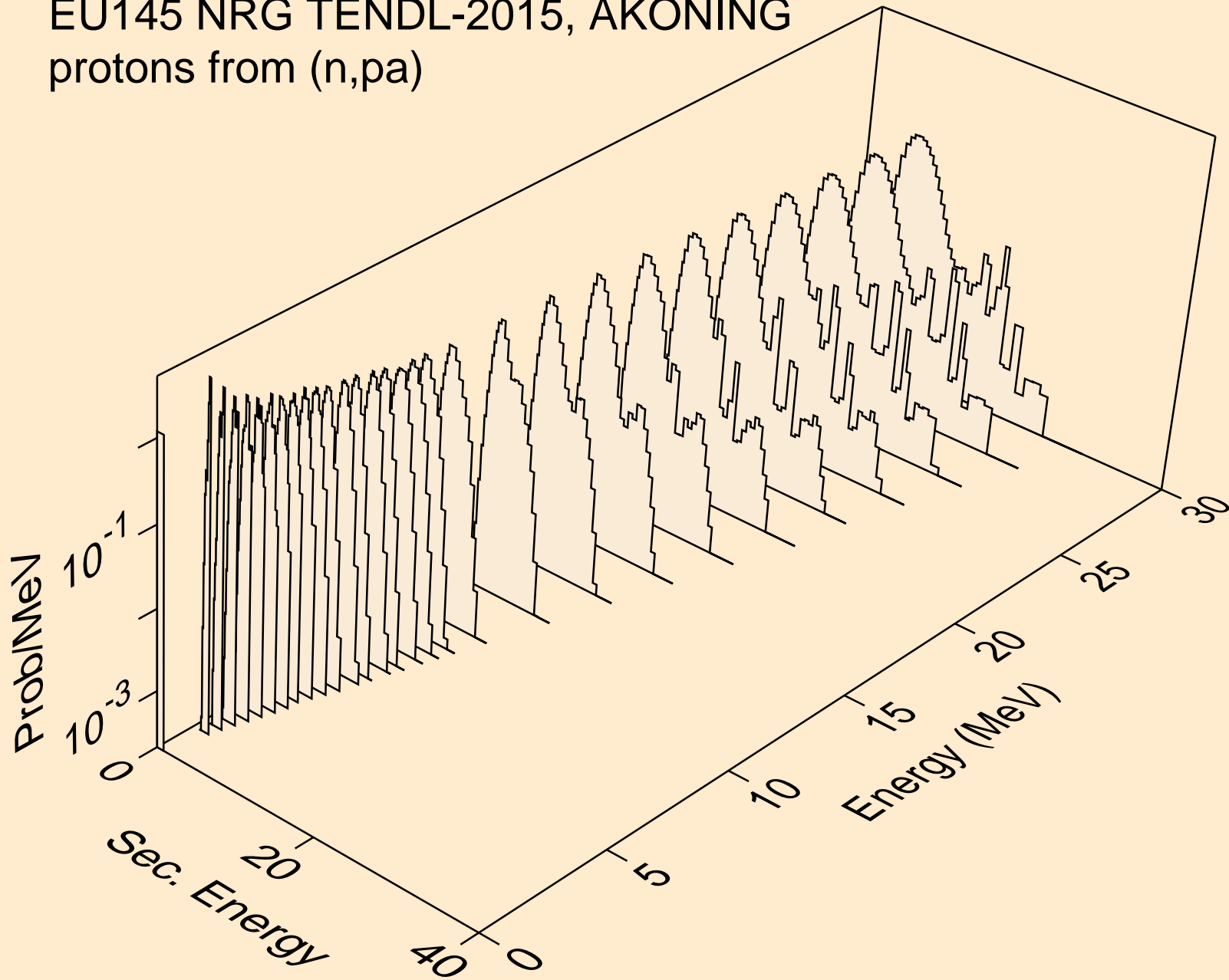
EU145 NRG TENDL-2015, AKONING  
protons from (n,p)



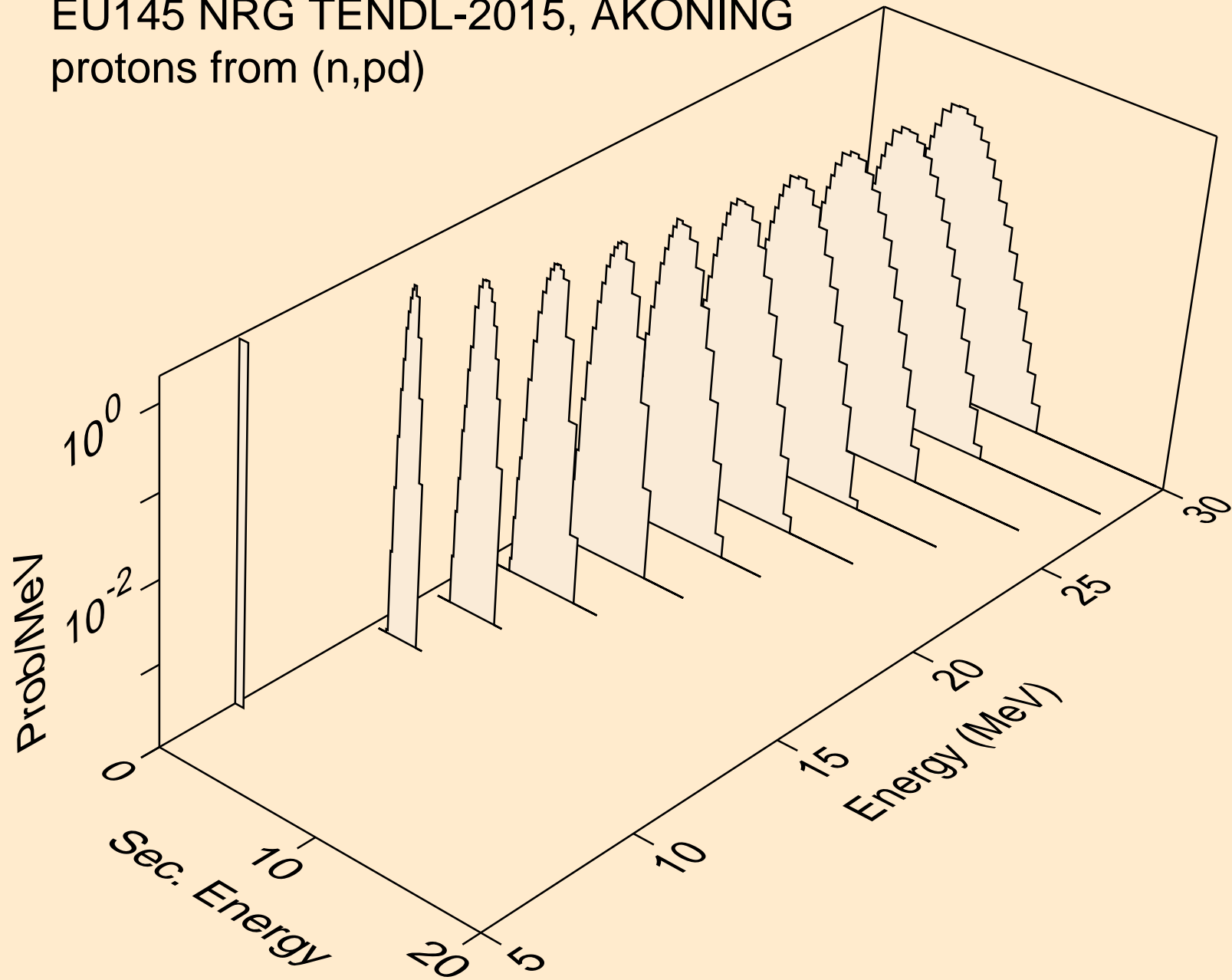
EU145 NRG TENDL-2015, AKONING  
protons from (n,2p)



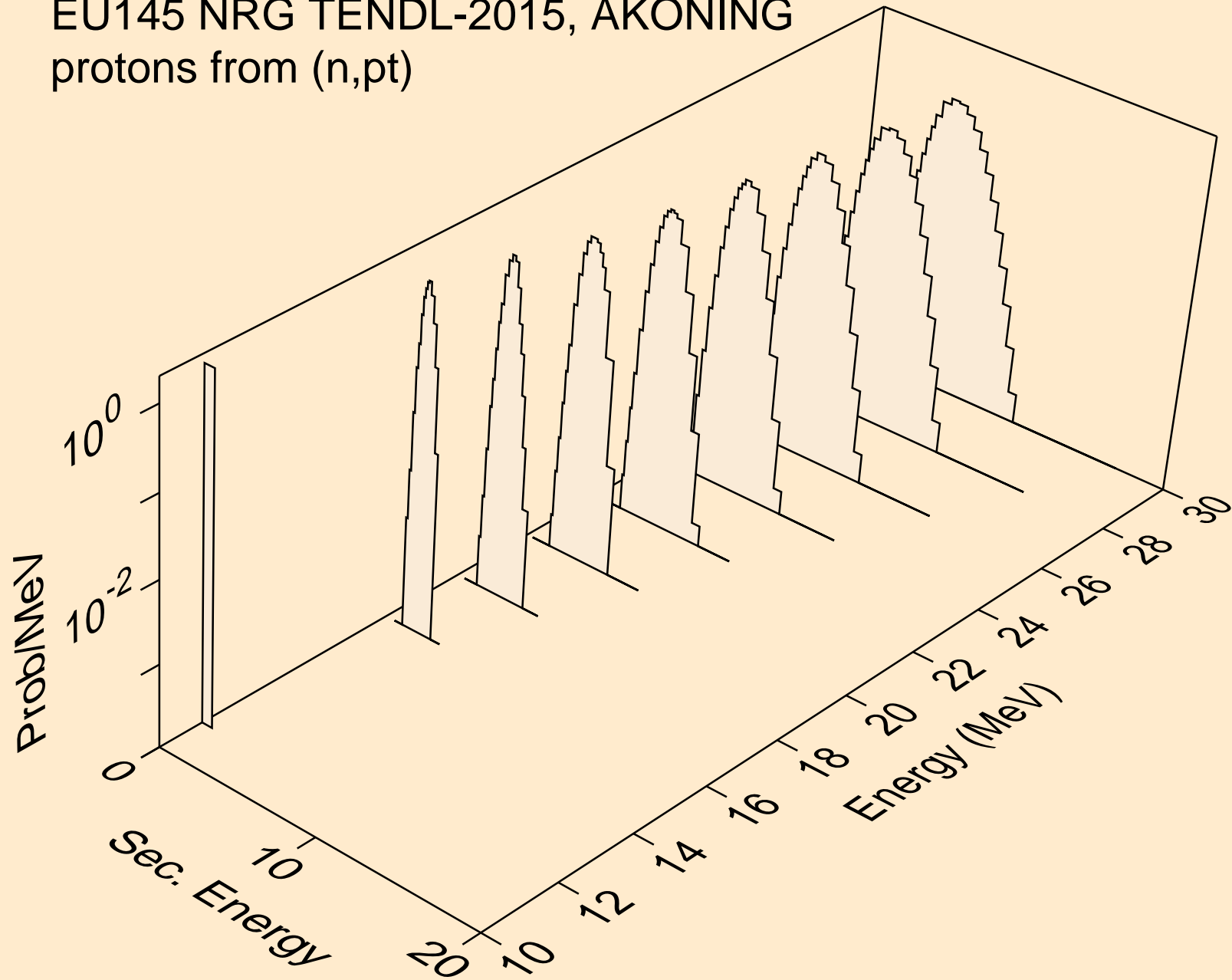
EU145 NRG TENDL-2015, AKONING  
protons from (n,pa)



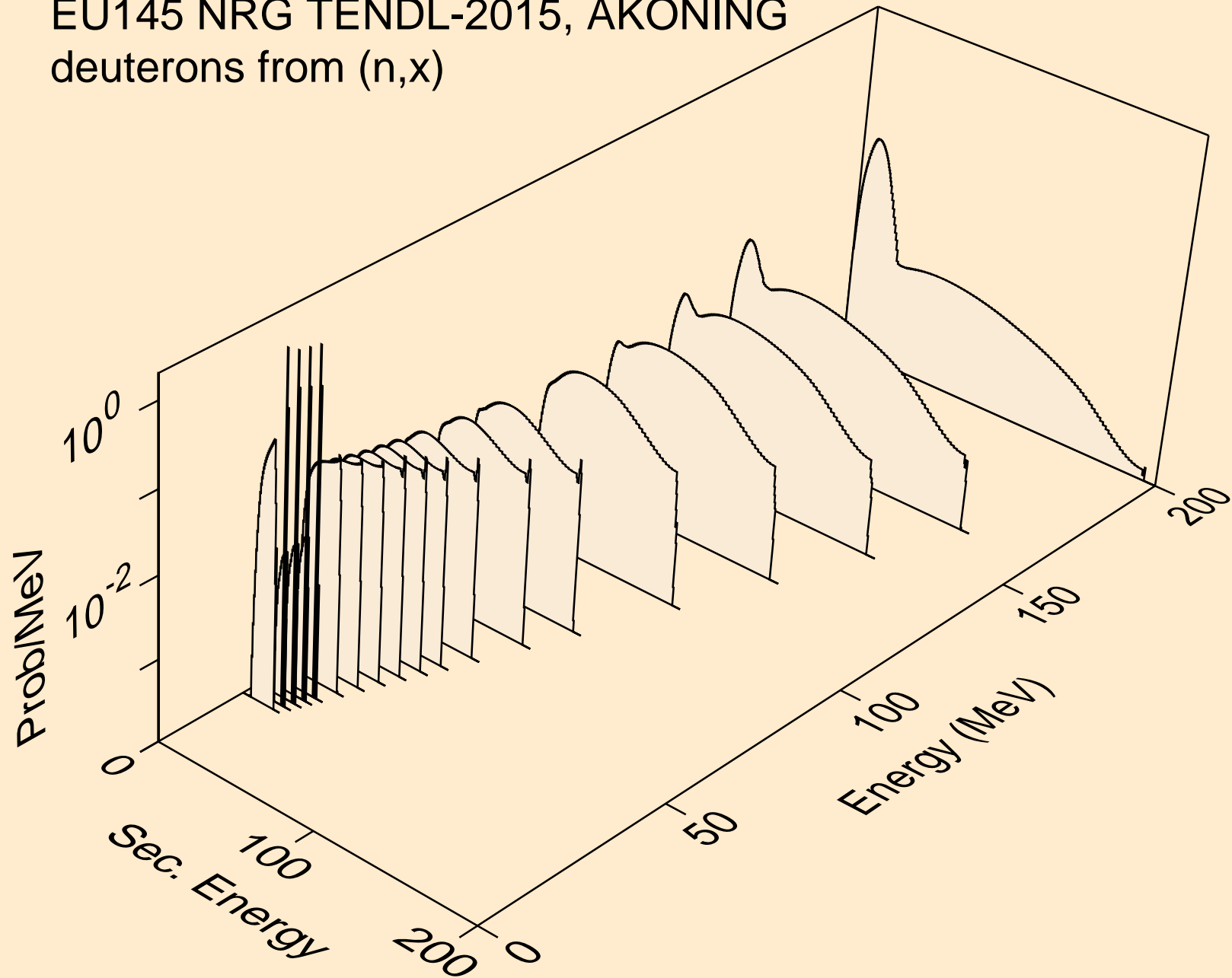
EU145 NRG TENDL-2015, AKONING  
protons from (n,pd)



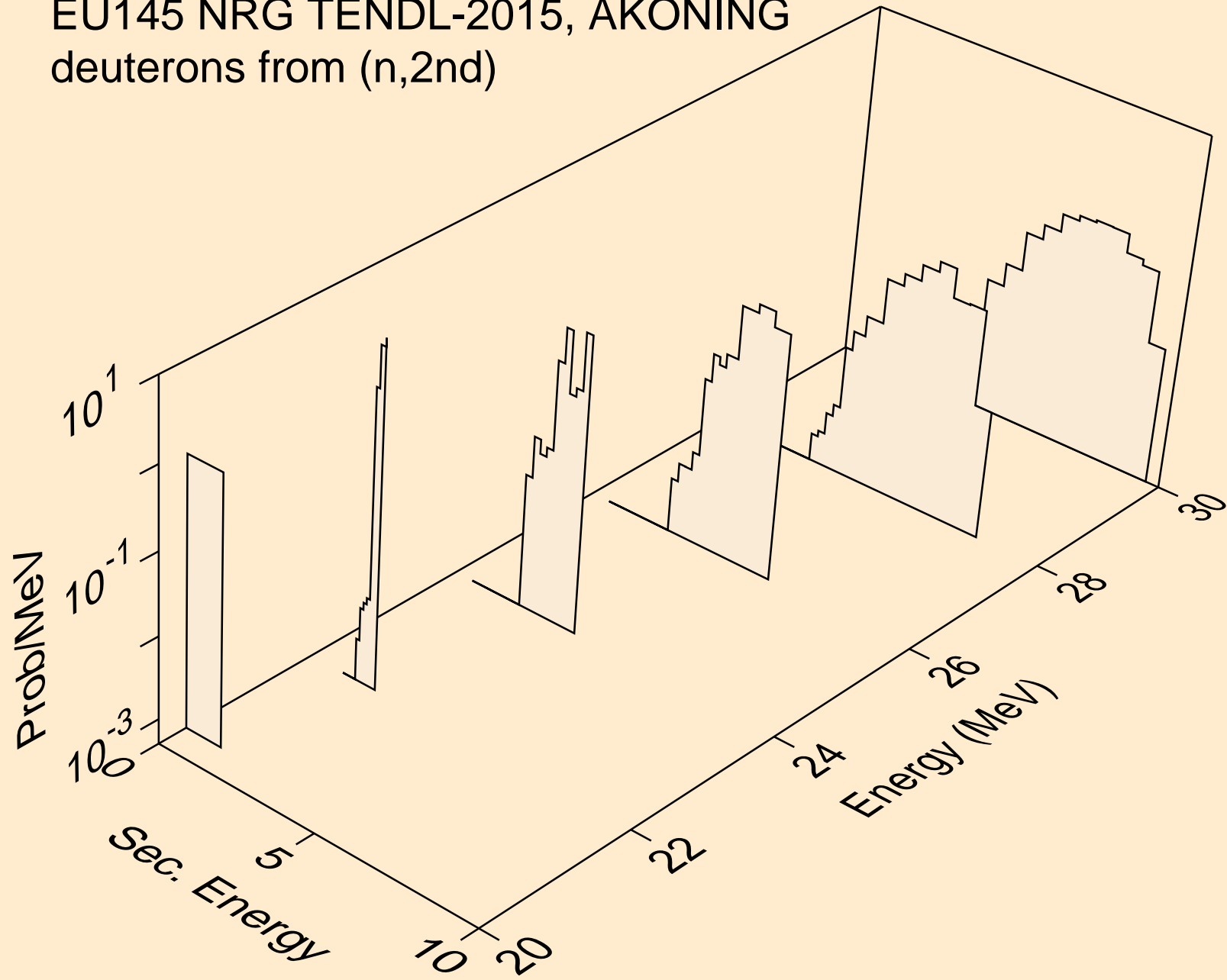
EU145 NRG TENDL-2015, AKONING  
protons from (n,pt)



EU145 NRG TENDL-2015, AKONING  
deuterons from (n,x)

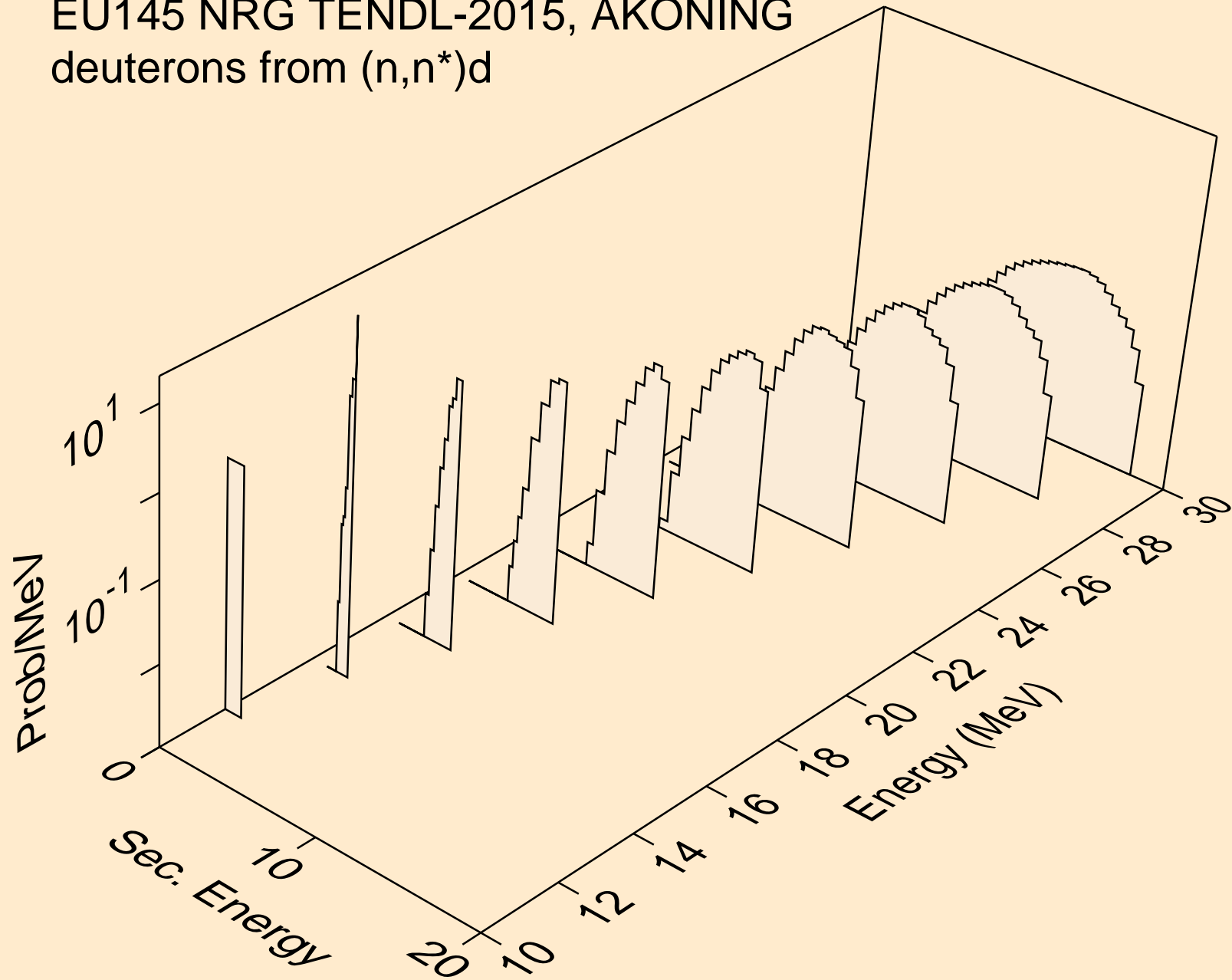


EU145 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)

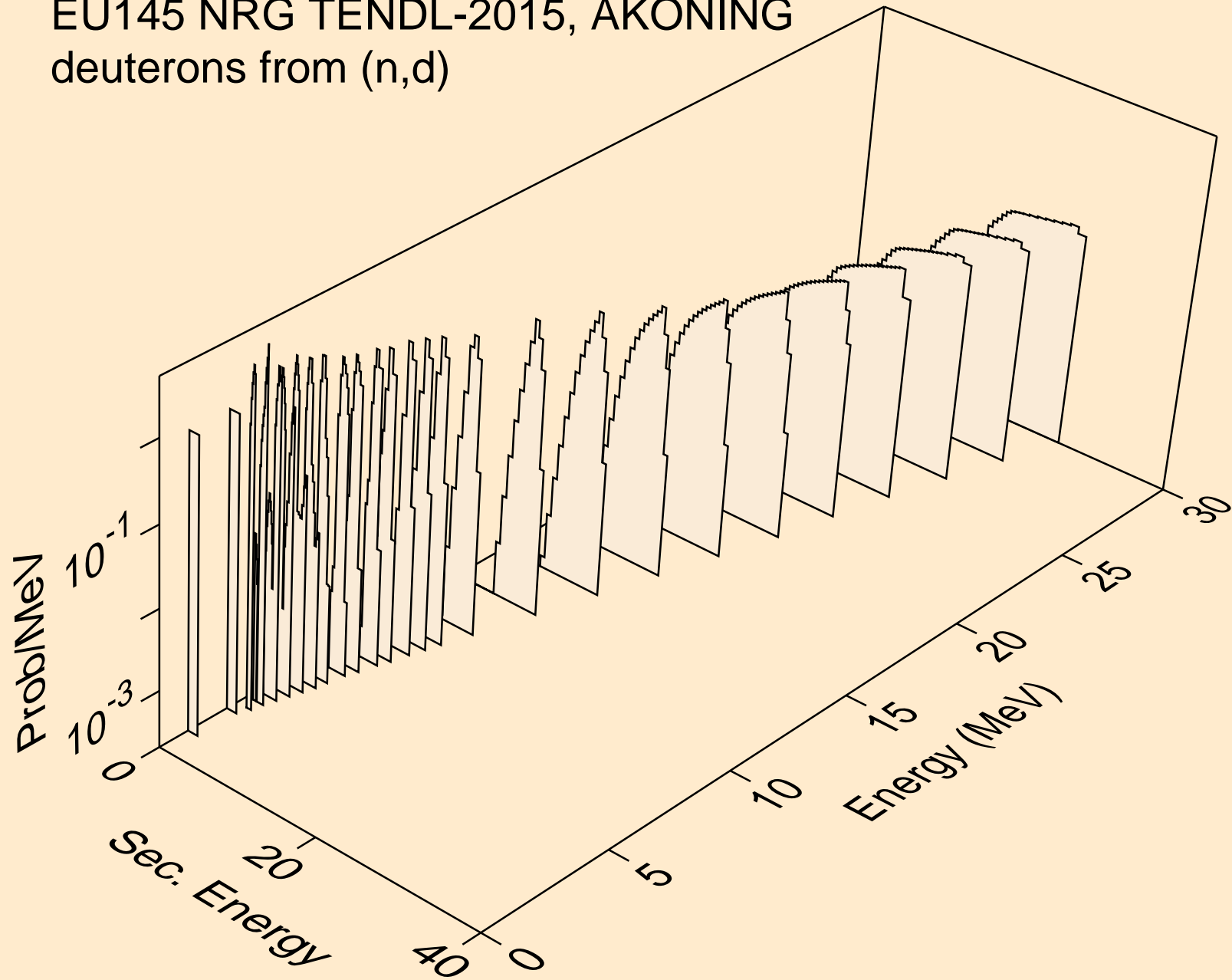




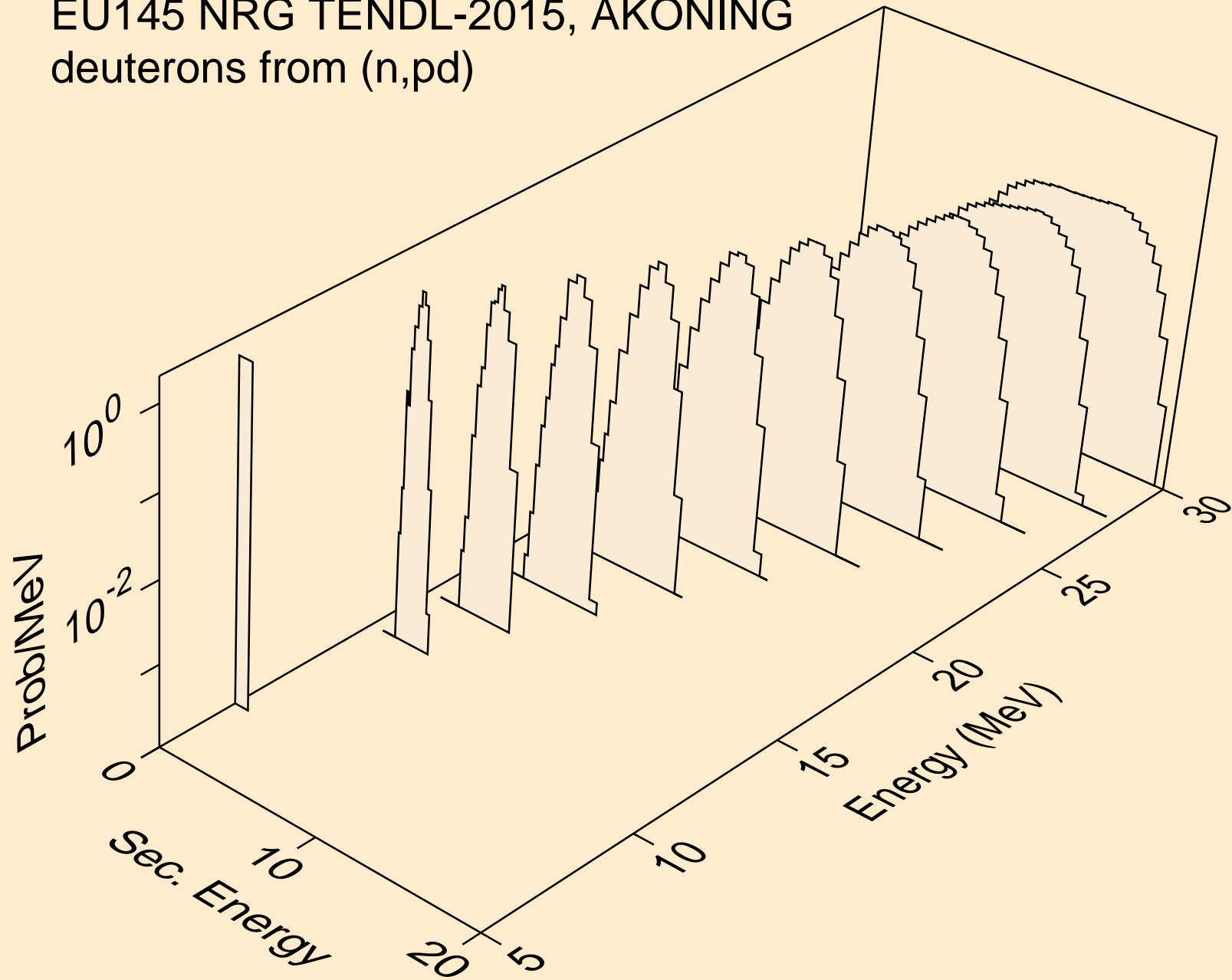
EU145 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



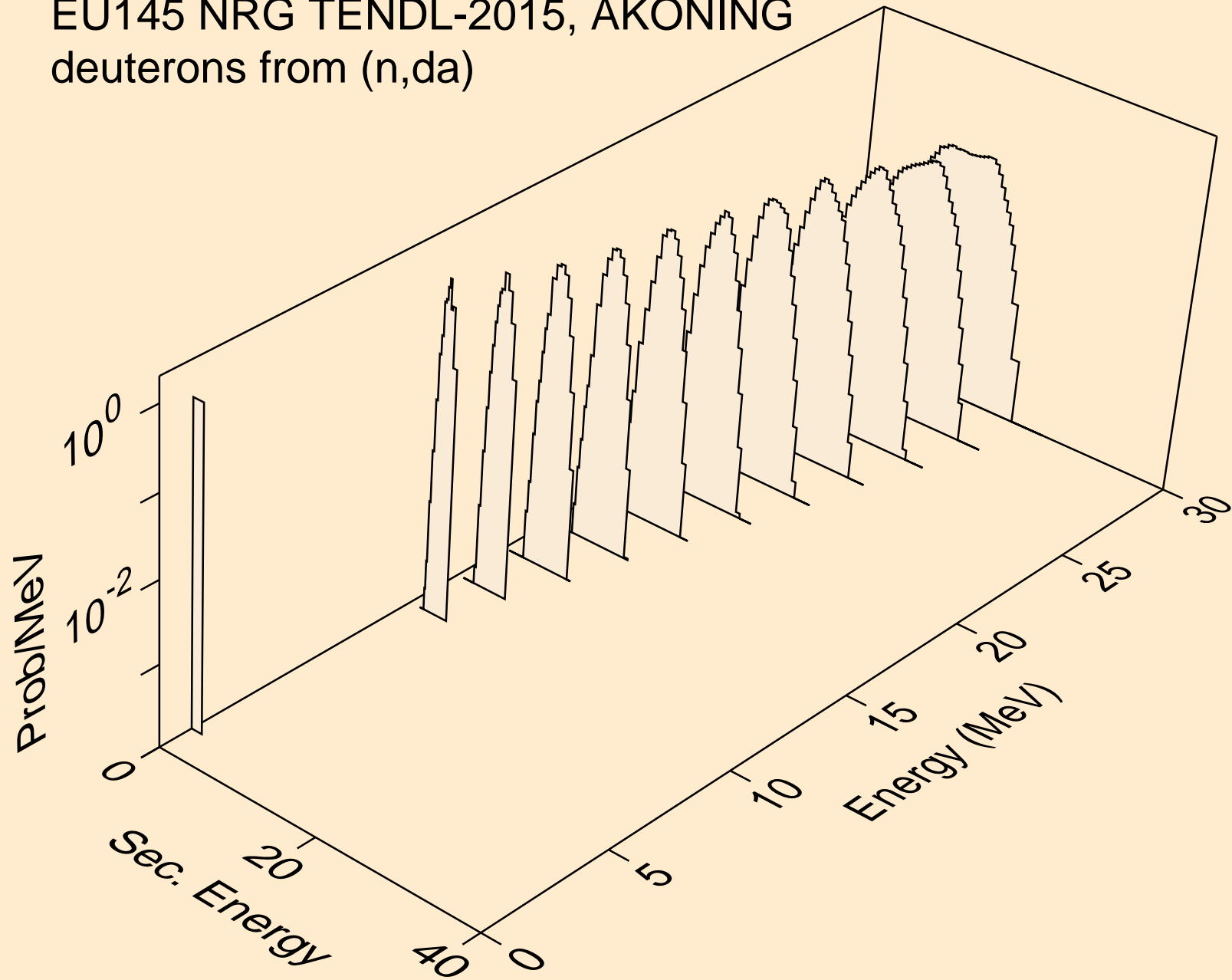
EU145 NRG TENDL-2015, AKONING  
deuterons from (n,d)



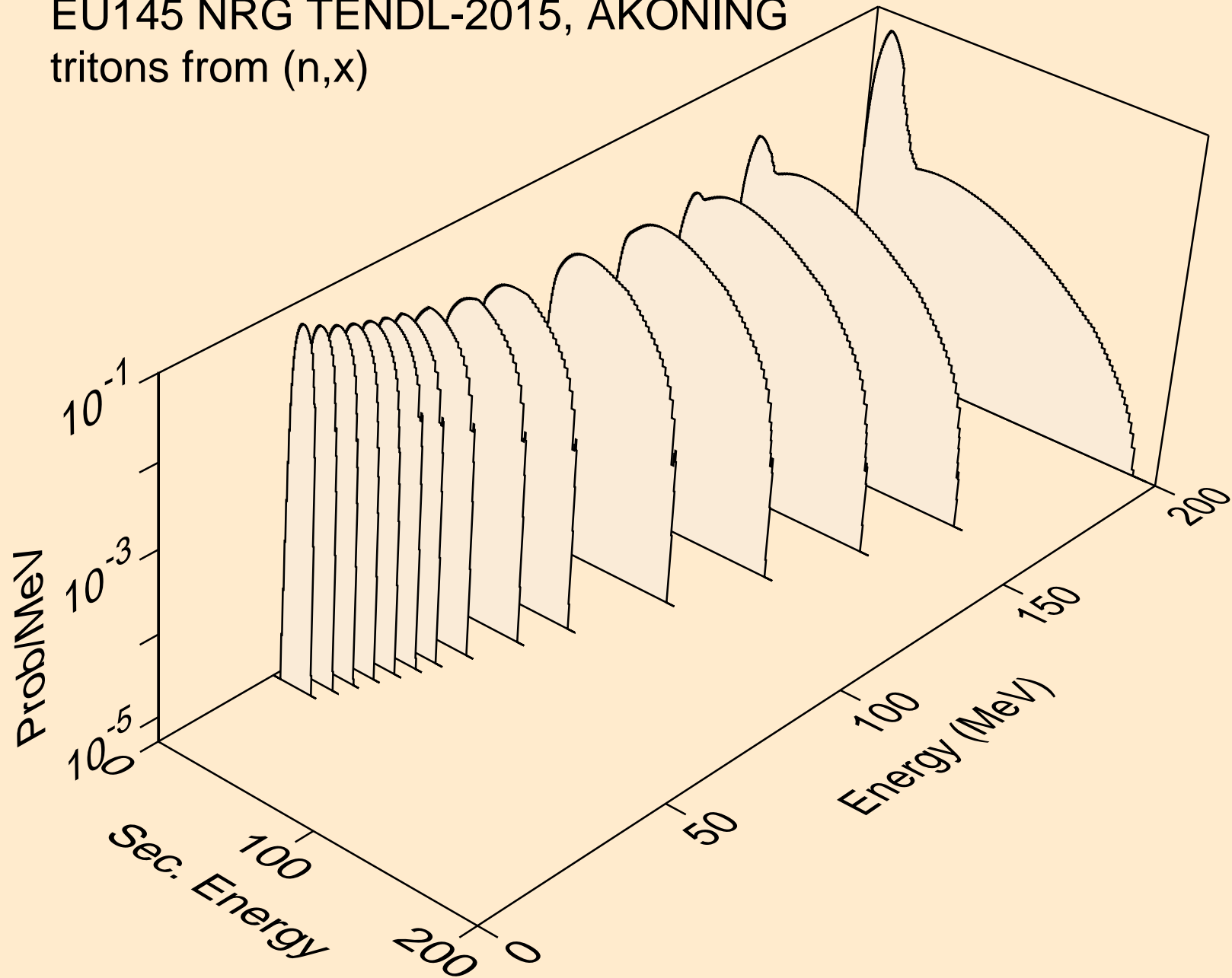
EU145 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



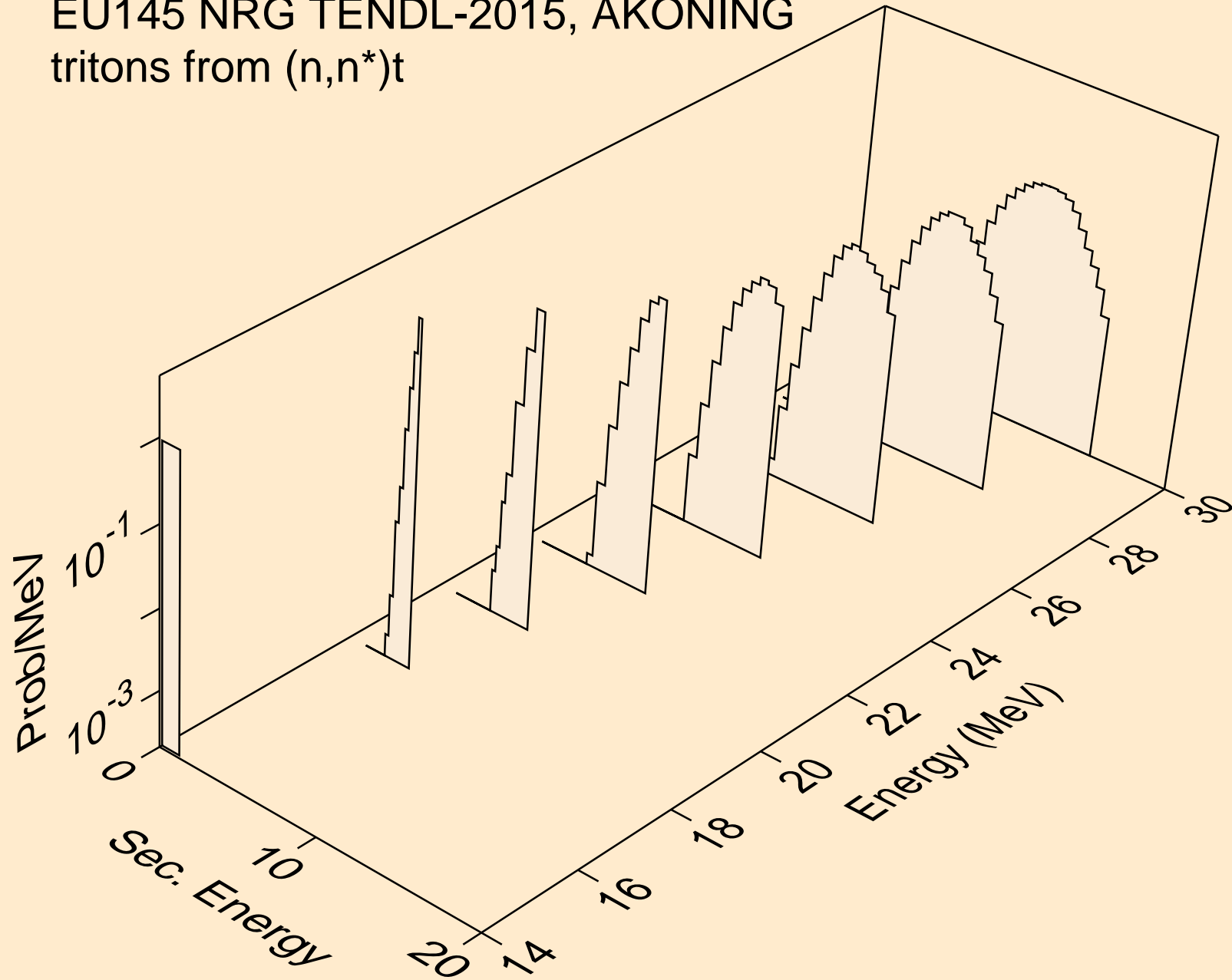
EU145 NRG TENDL-2015, AKONING  
deuterons from (n,da)



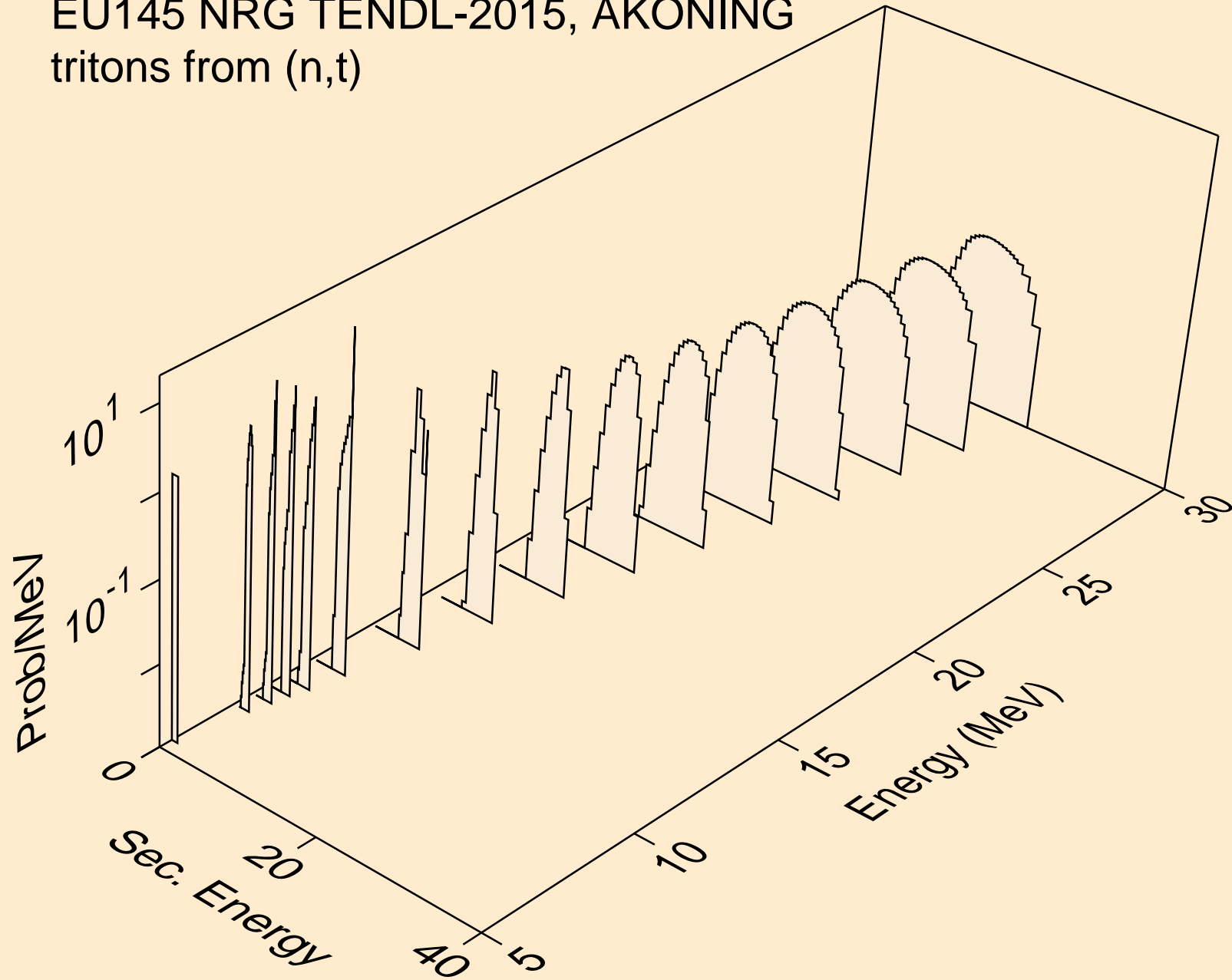
EU145 NRG TENDL-2015, AKONING  
tritons from (n,x)



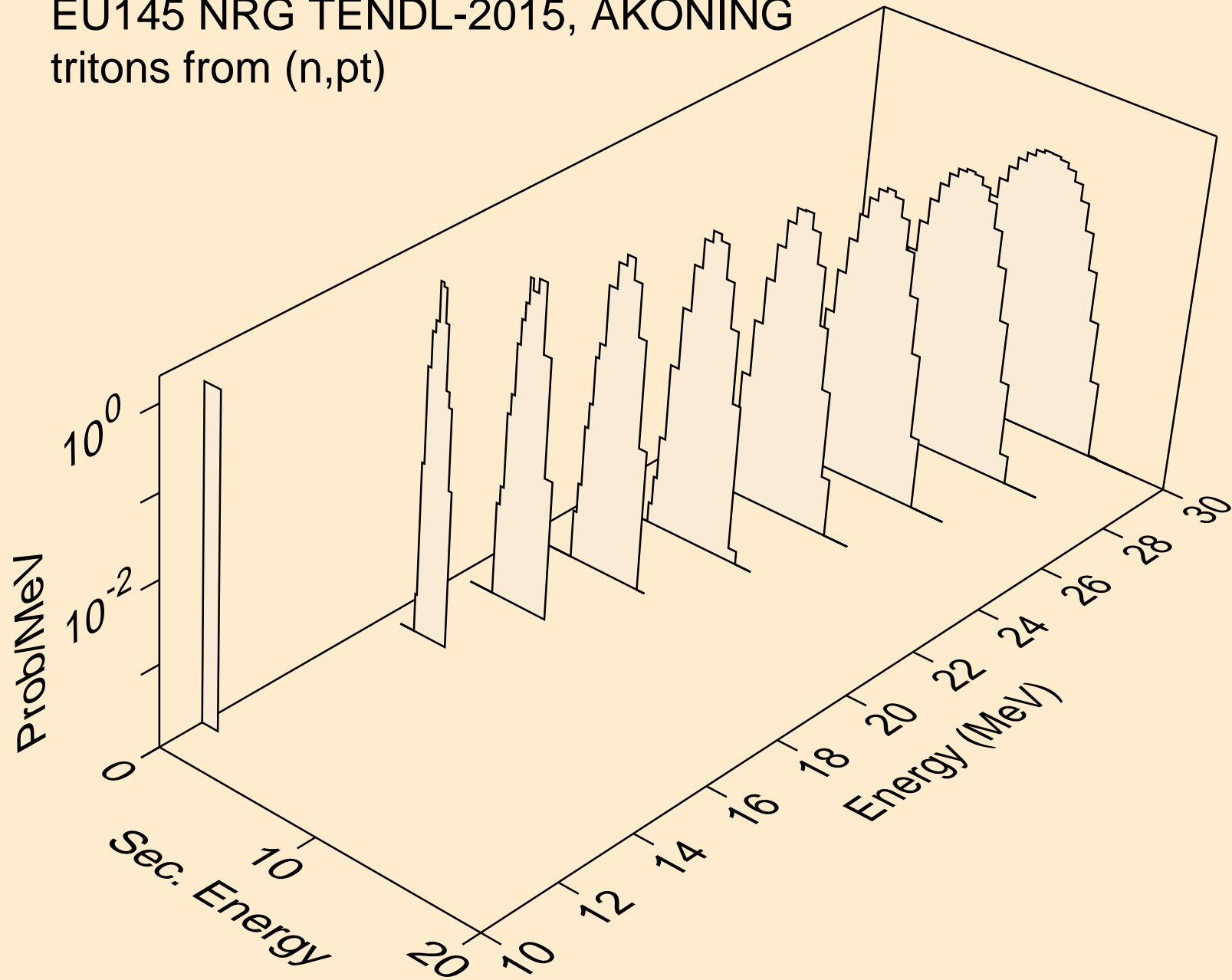
EU145 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



EU145 NRG TENDL-2015, AKONING  
tritons from (n,t)

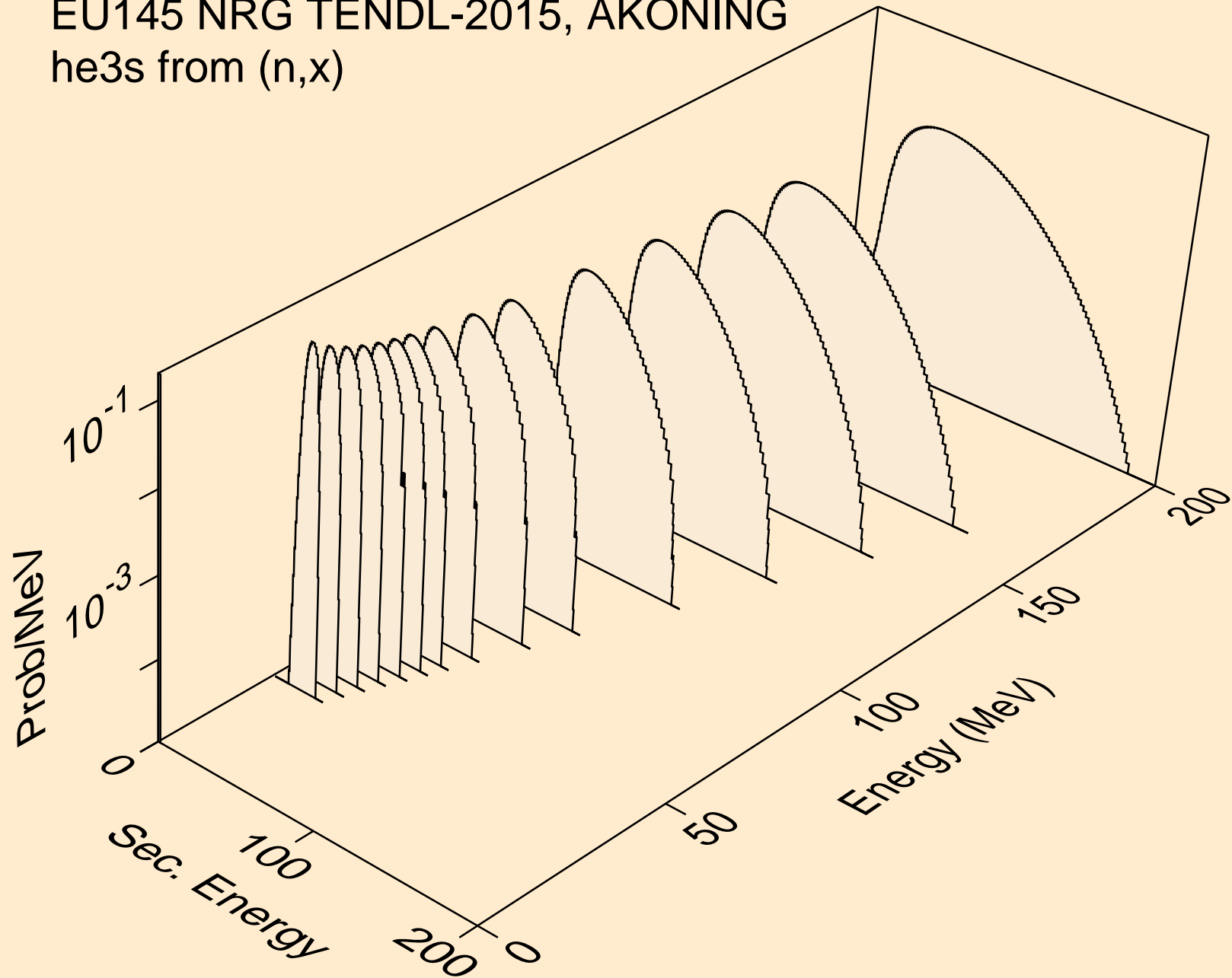


EU145 NRG TENDL-2015, AKONING  
tritons from (n,pt)

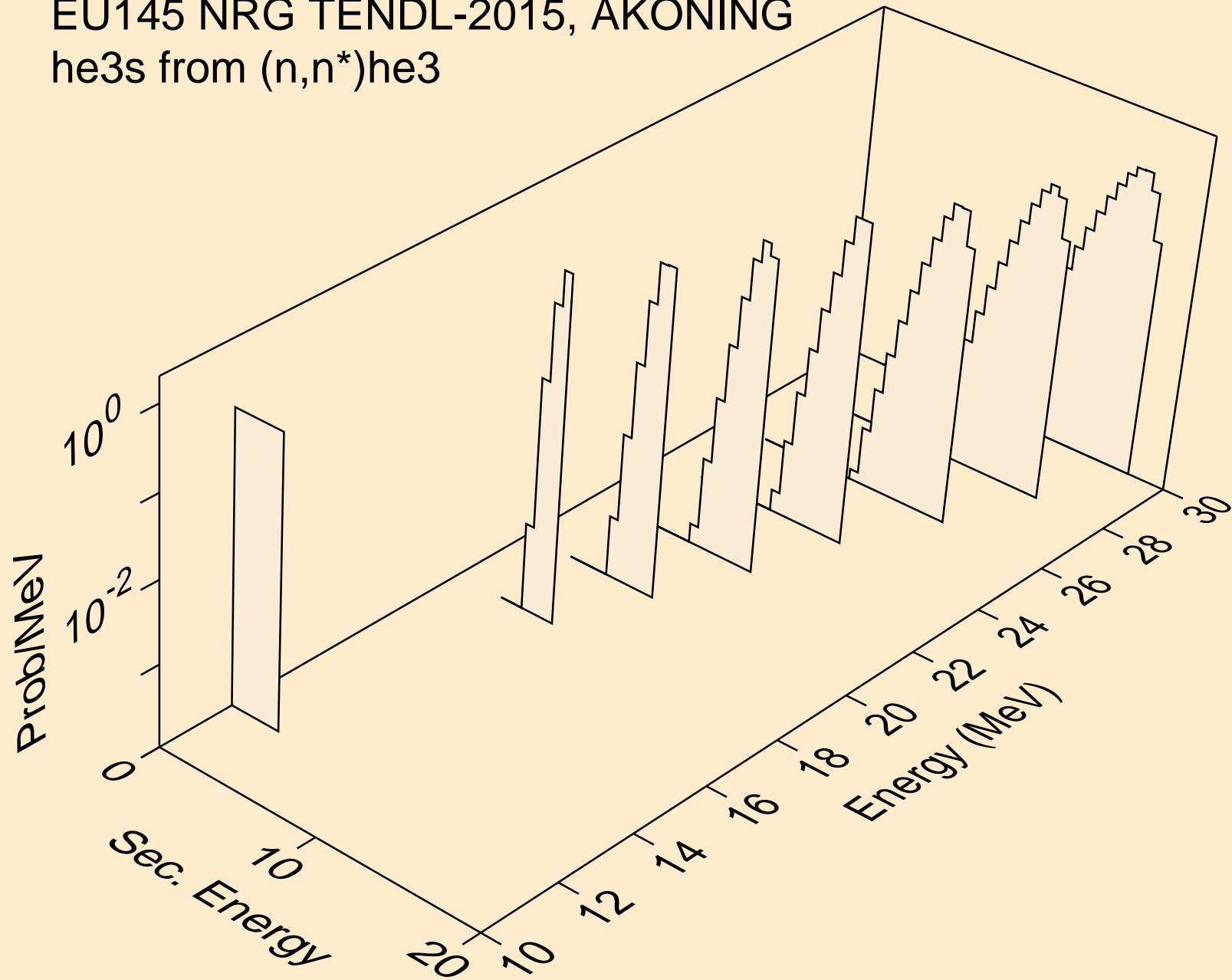




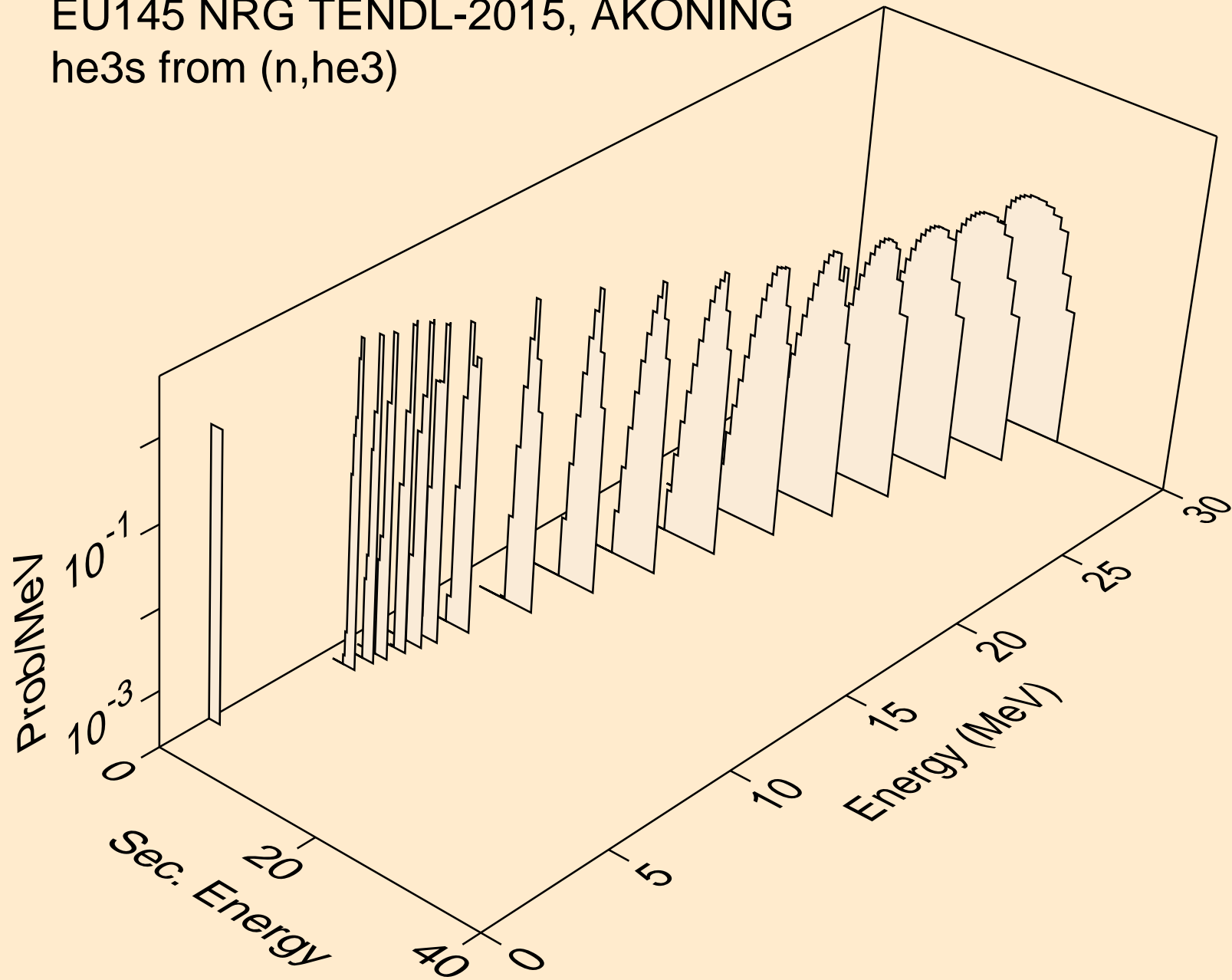
EU145 NRG TENDL-2015, AKONING  
he3s from (n,x)



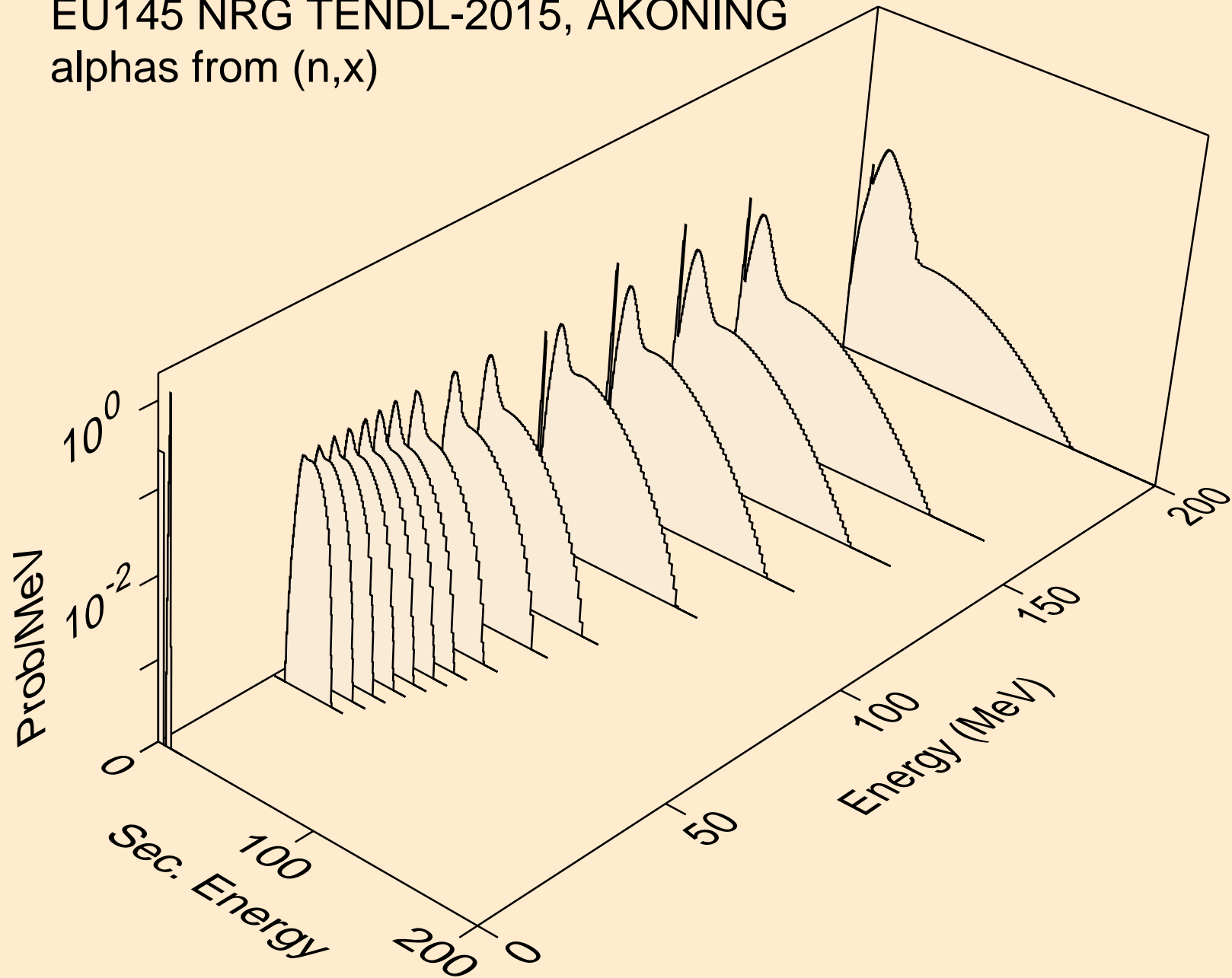
EU145 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



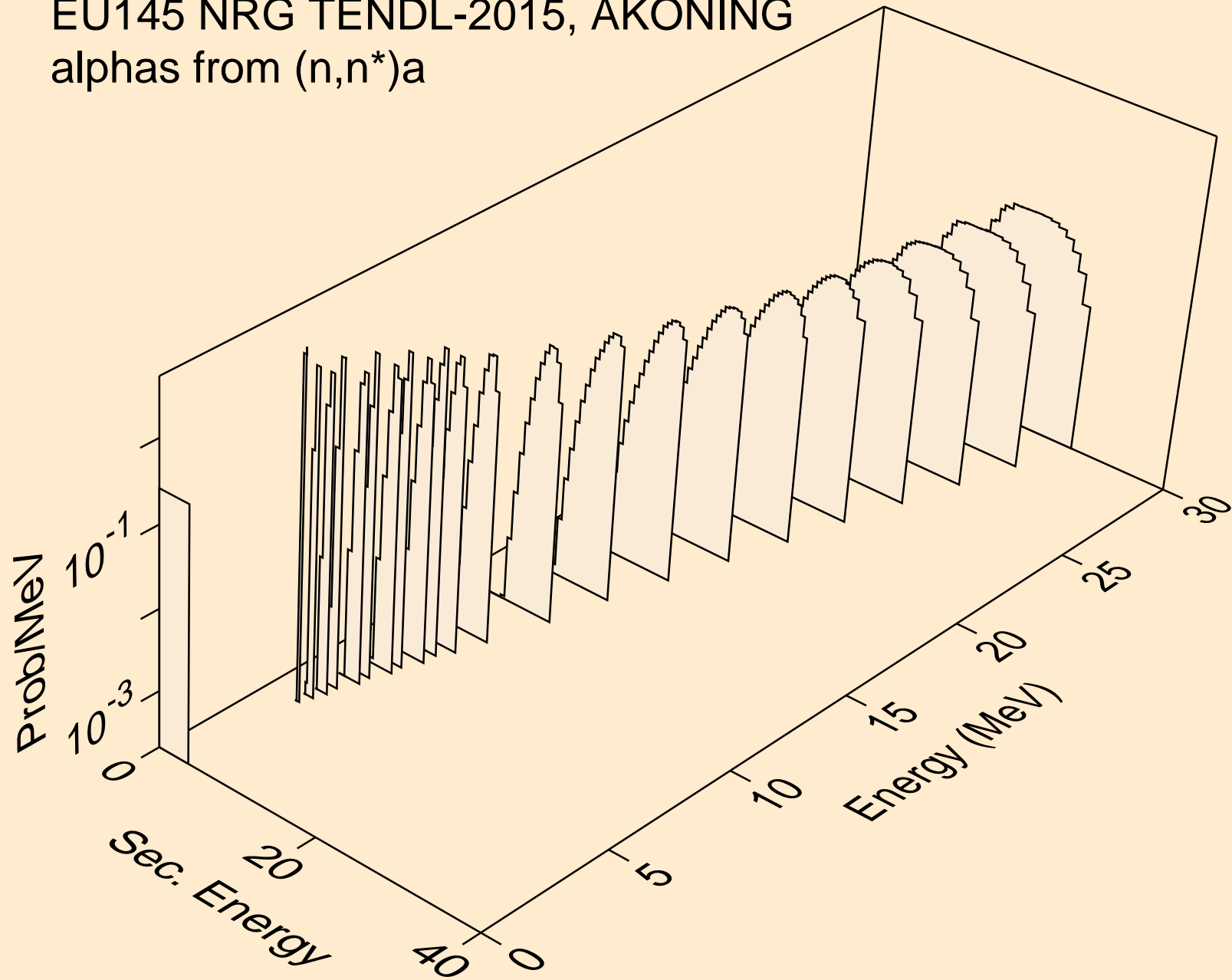
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he3s from (n,he3)



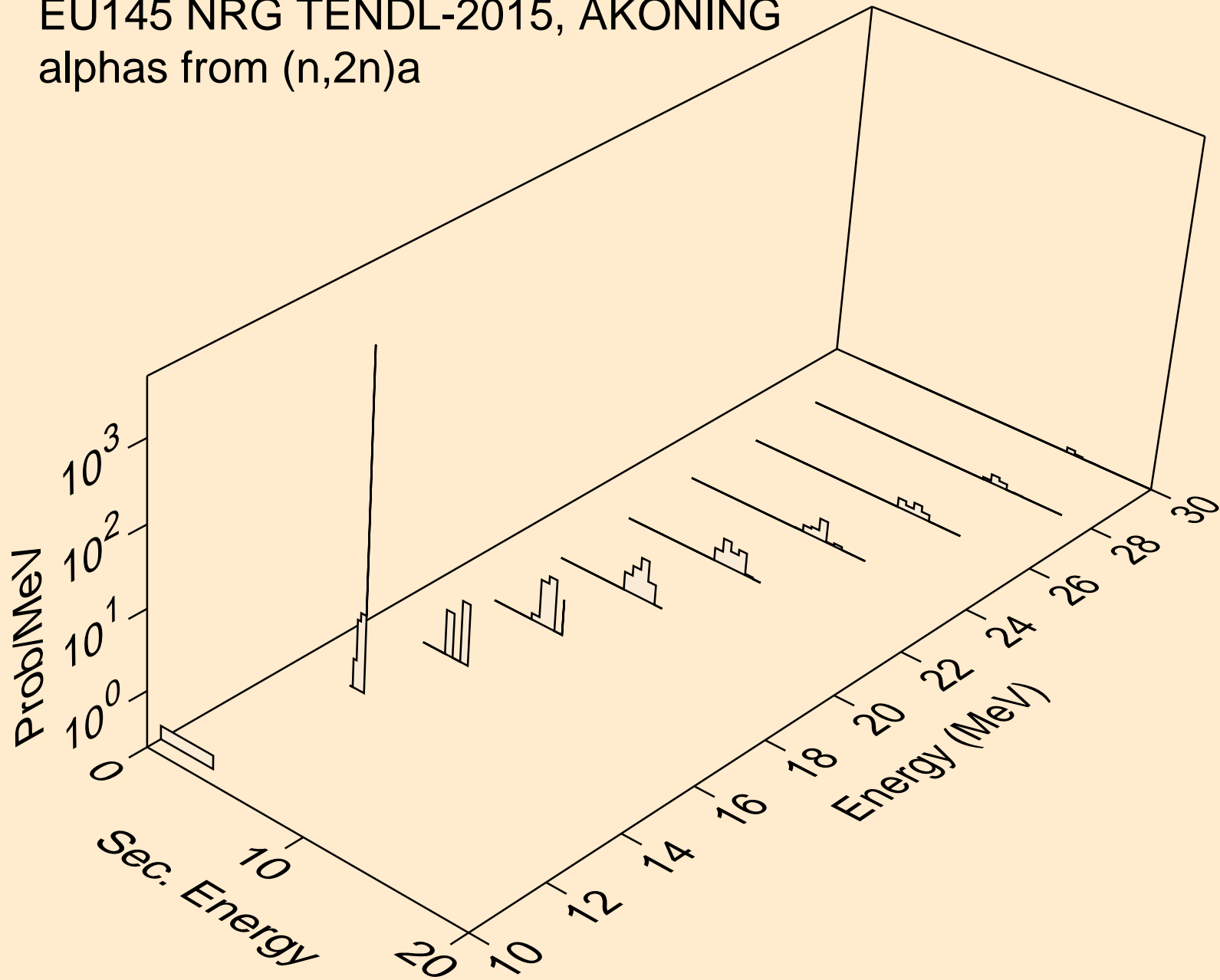
EU145 NRG TENDL-2015, AKONING  
alphas from (n,x)



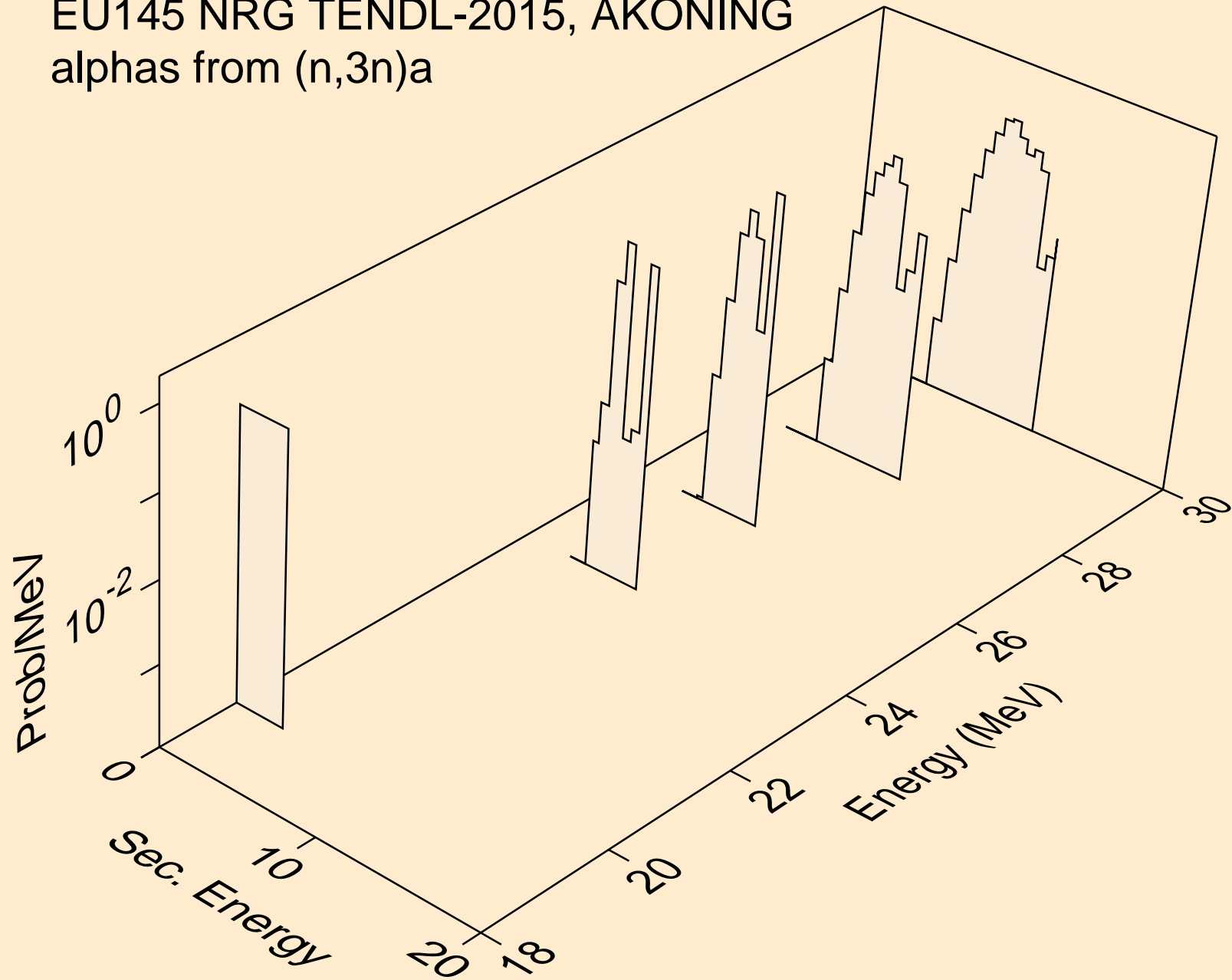
EU145 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



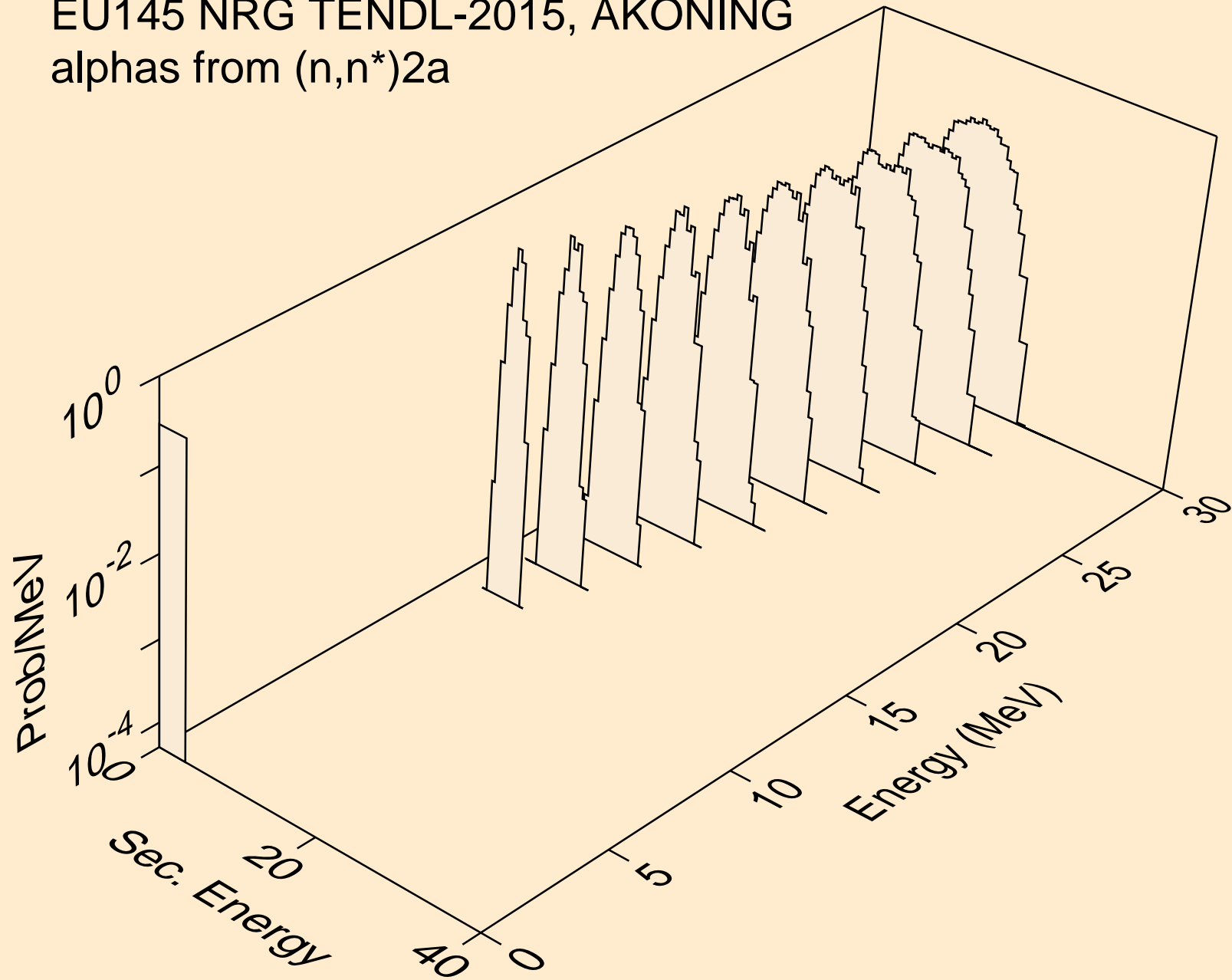
EU145 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



EU145 NRG TENDL-2015, AKONING  
alphas from (n,3n)a

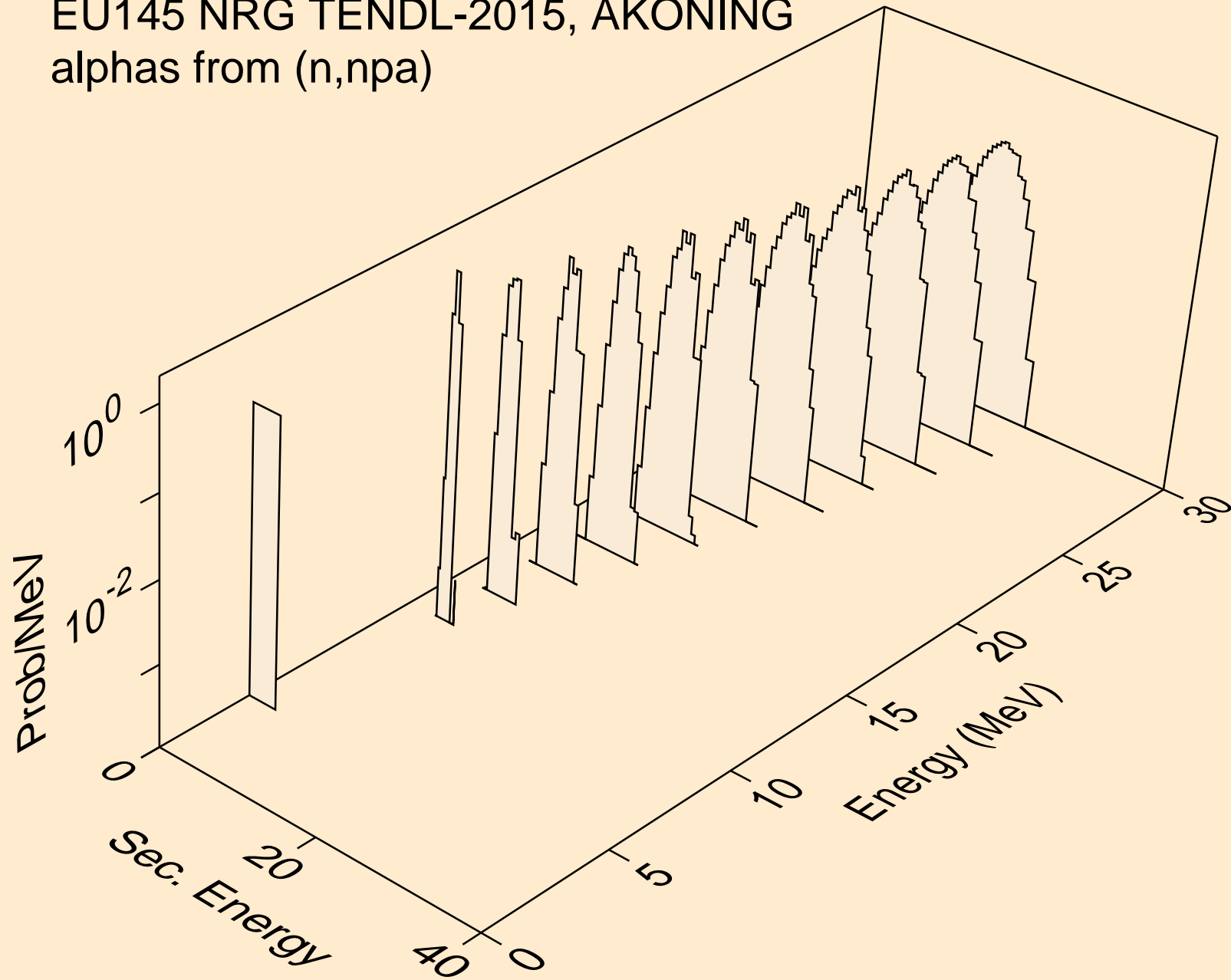


EU145 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a

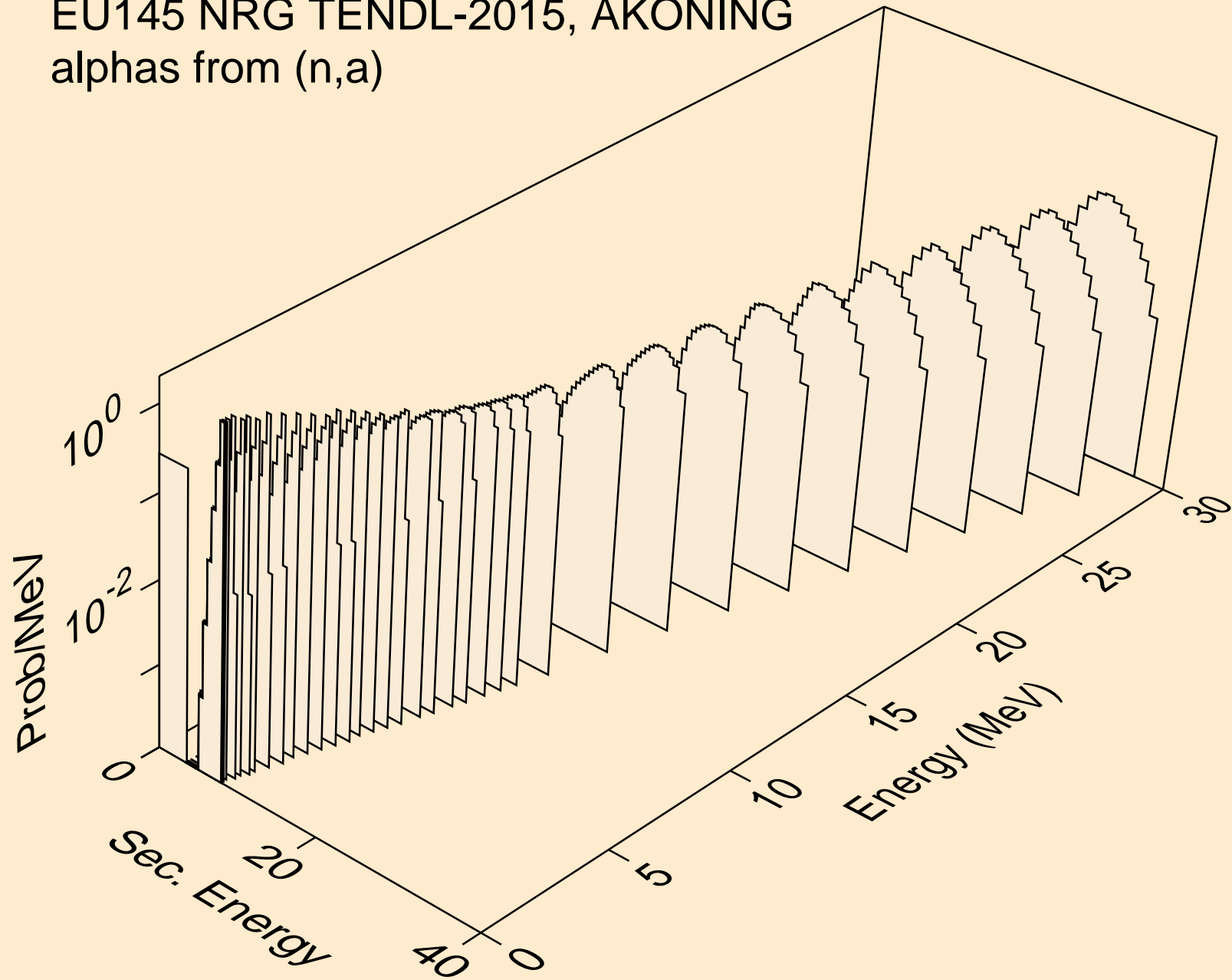




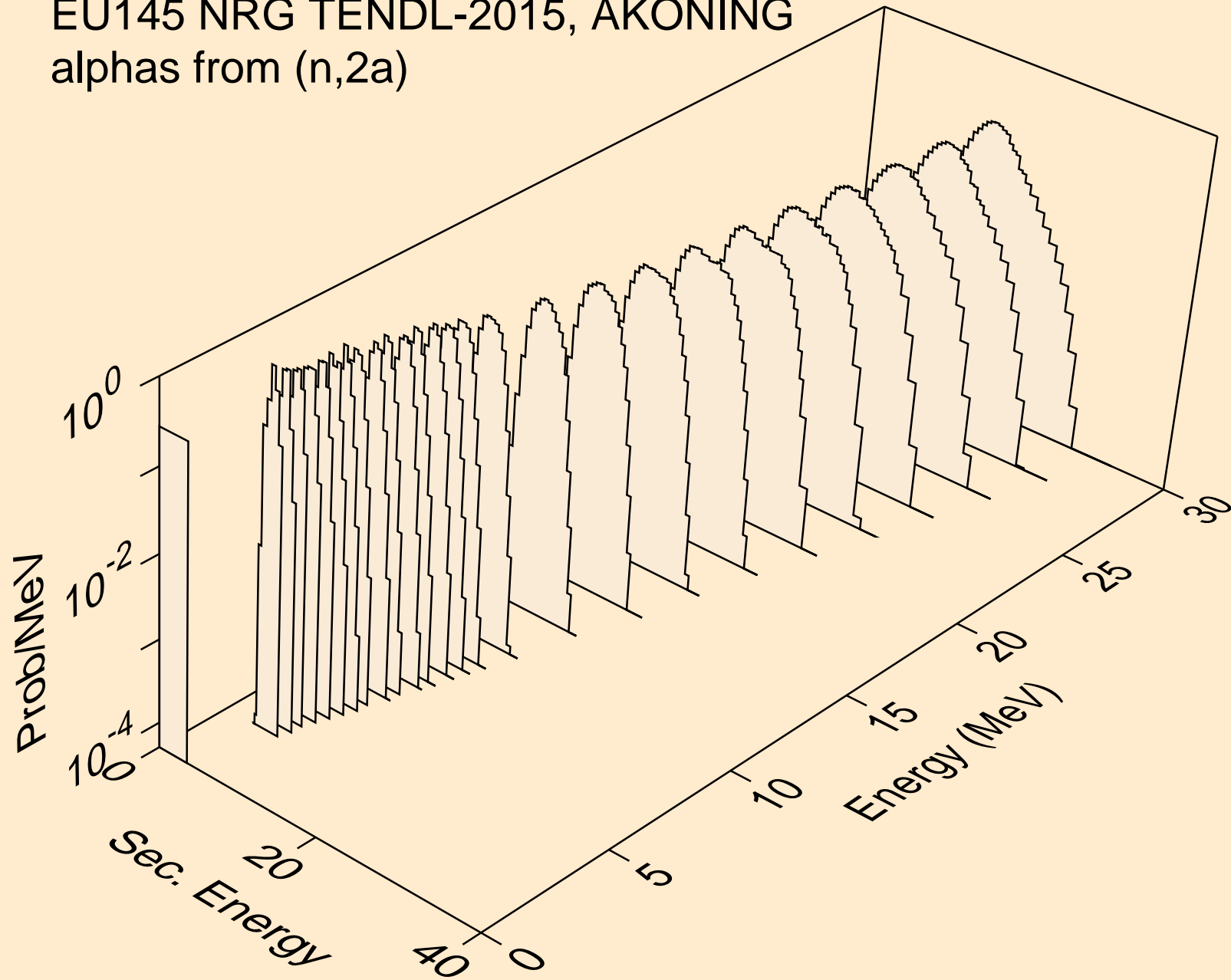
EU145 NRG TENDL-2015, AKONING  
alphas from (n,npa)



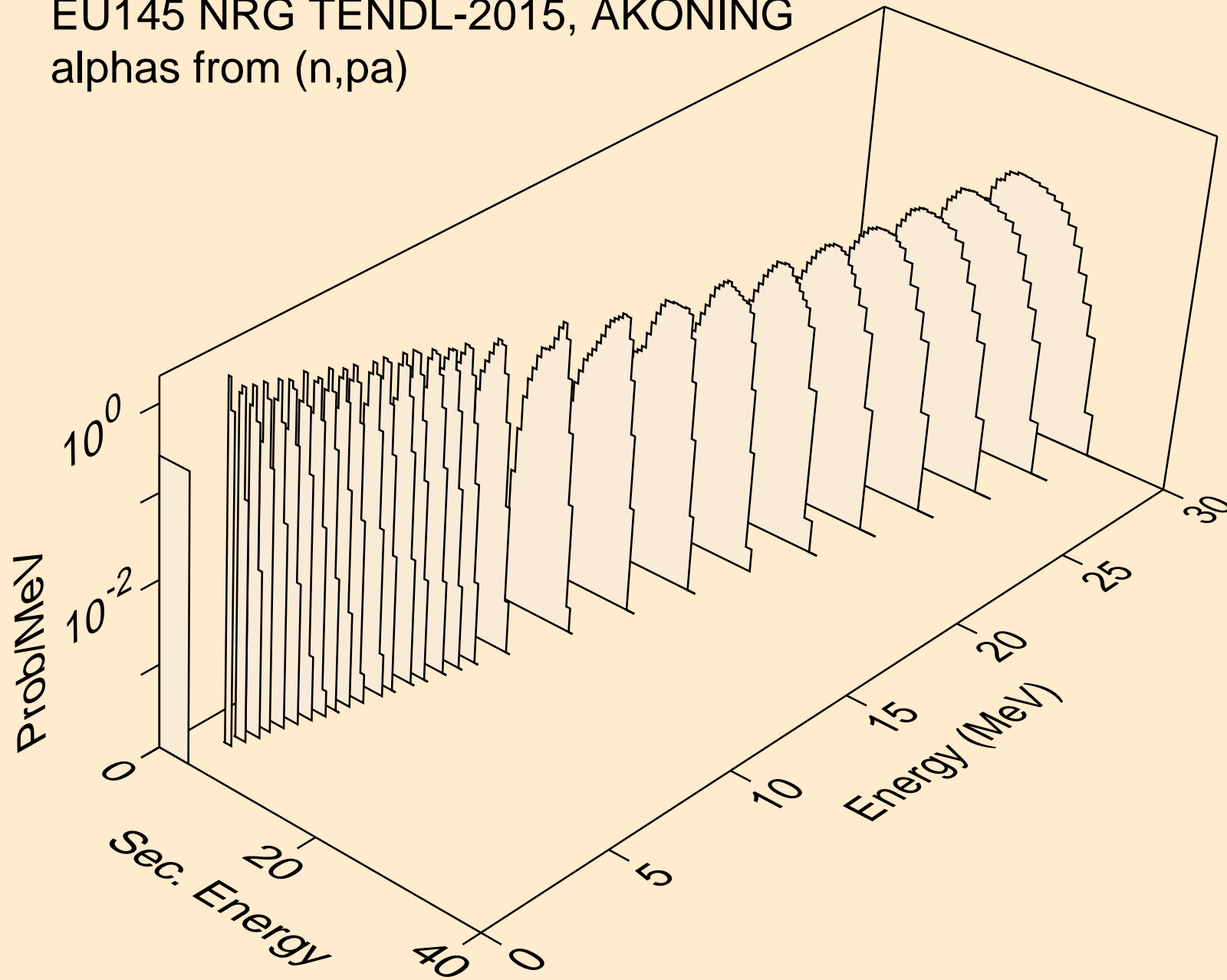
EU145 NRG TENDL-2015, AKONING  
alphas from (n,a)



EU145 NRG TENDL-2015, AKONING  
alphas from (n,2a)



EU145 NRG TENDL-2015, AKONING  
alphas from (n,pa)



EU145 NRG TENDL-2015, AKONING  
alphas from (n,da)

