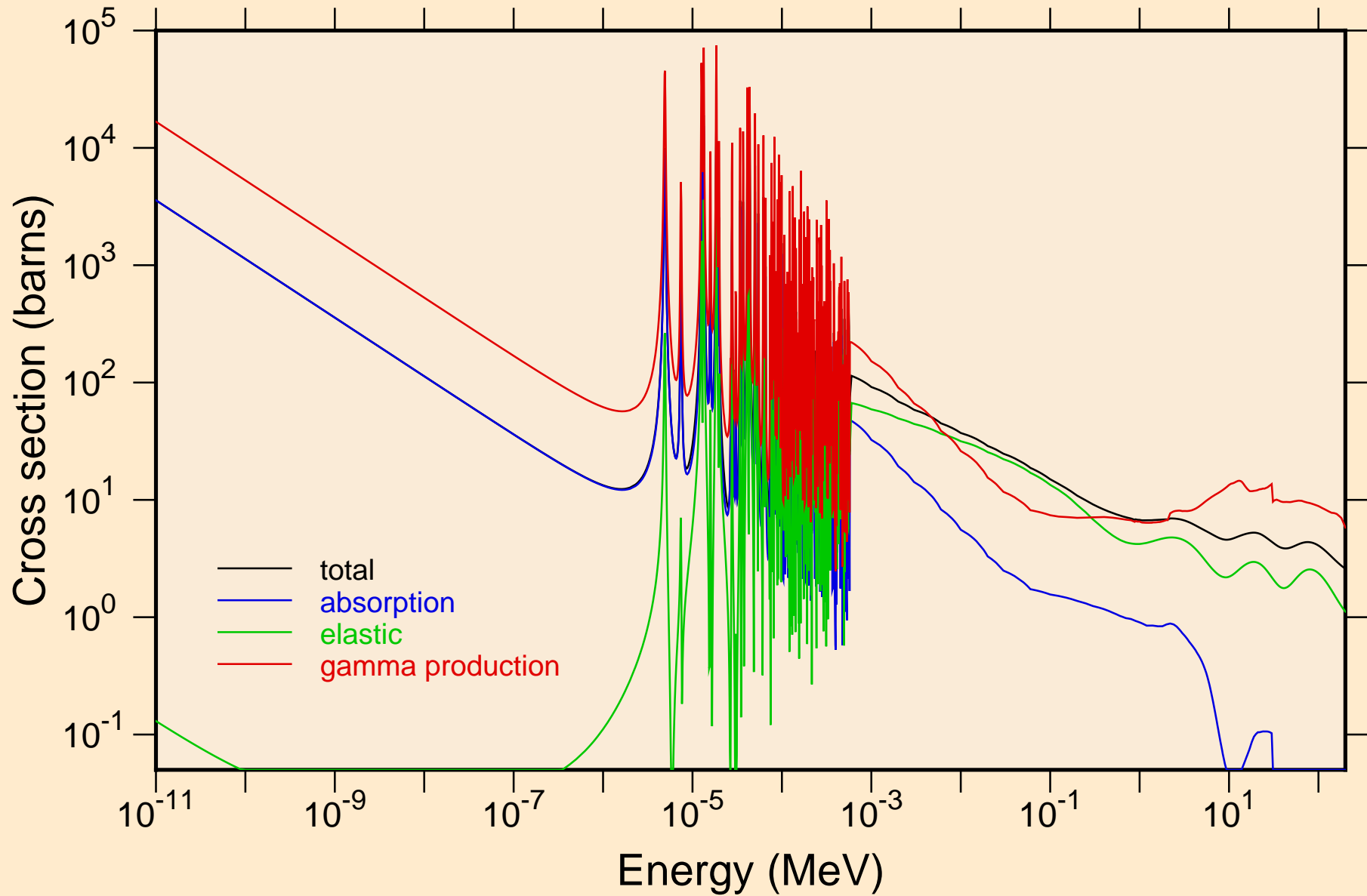
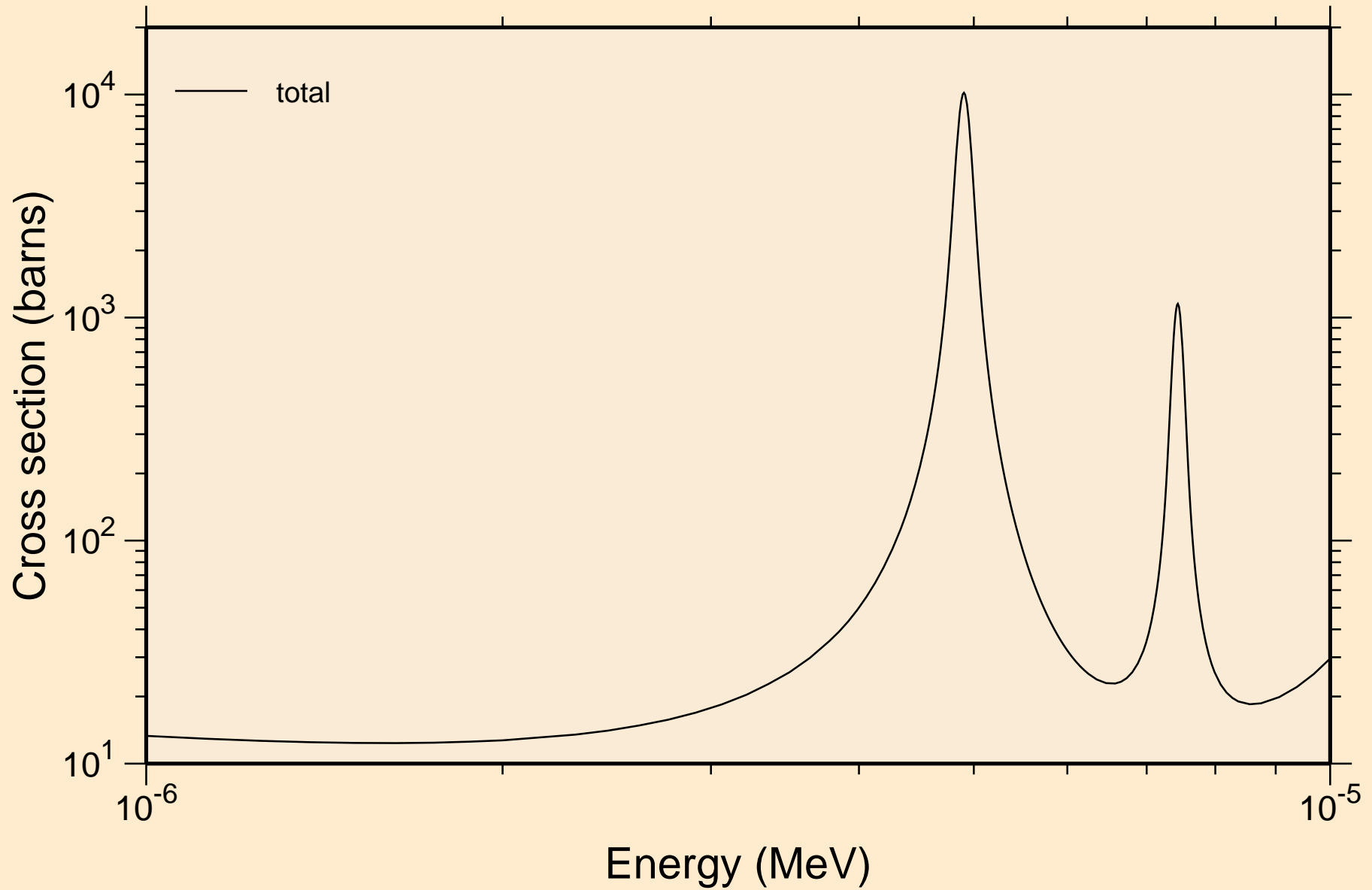


# HF168 NRG TENDL-2015, AKONING

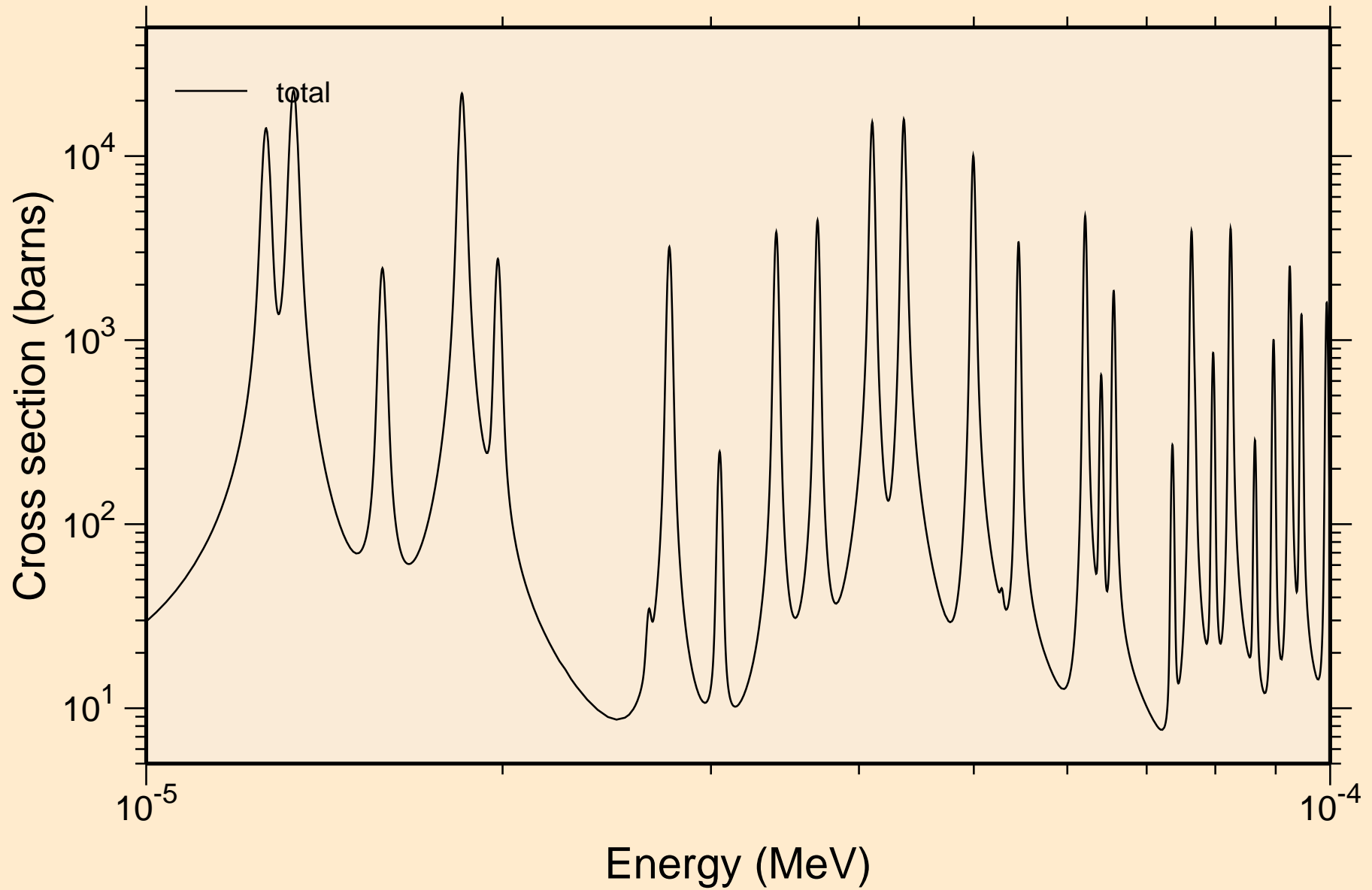
## Principal cross sections



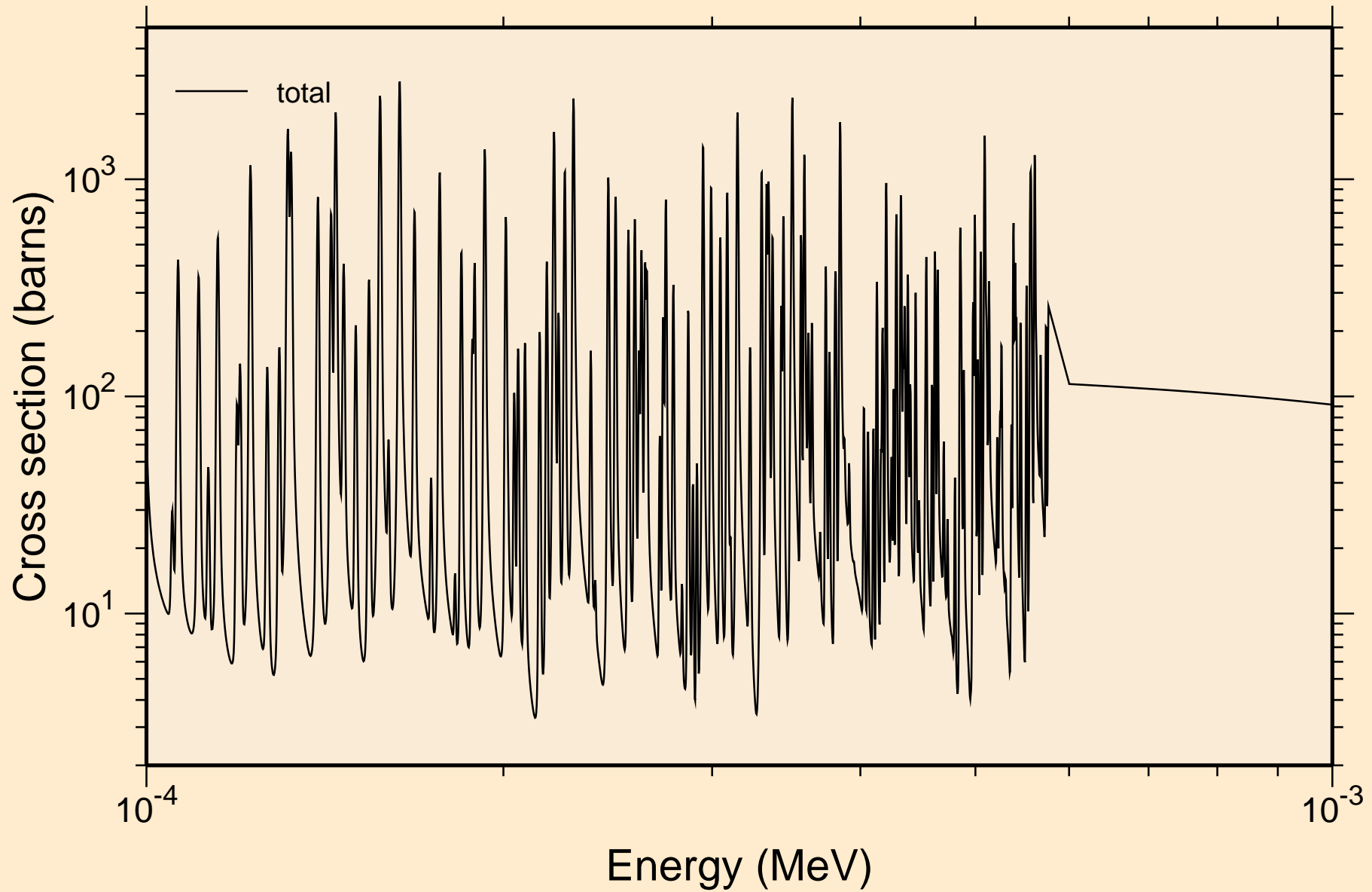
HF168 NRG TENDL-2015, AKONING  
resonance total cross section



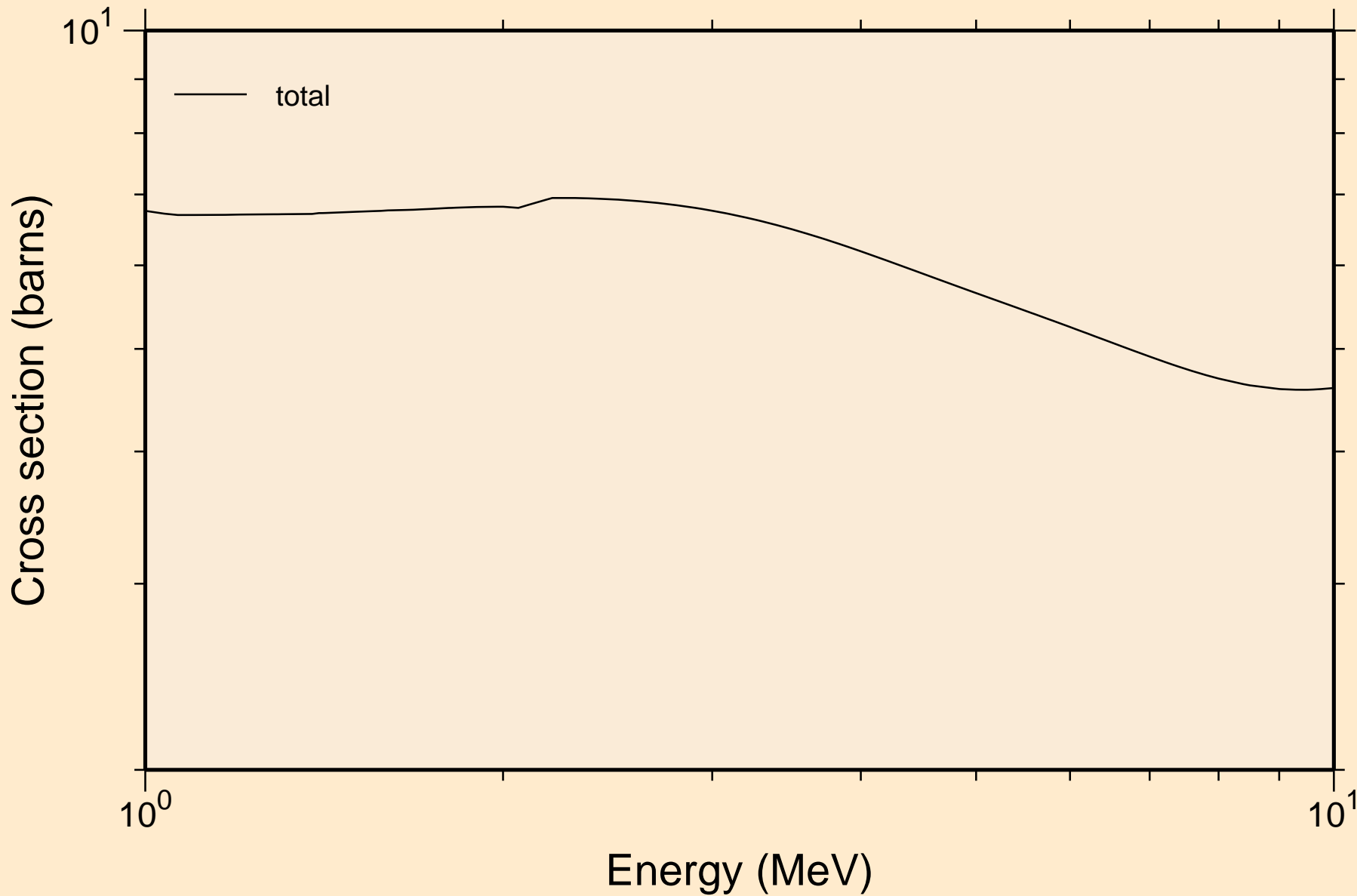
HF168 NRG TENDL-2015, AKONING  
resonance total cross section



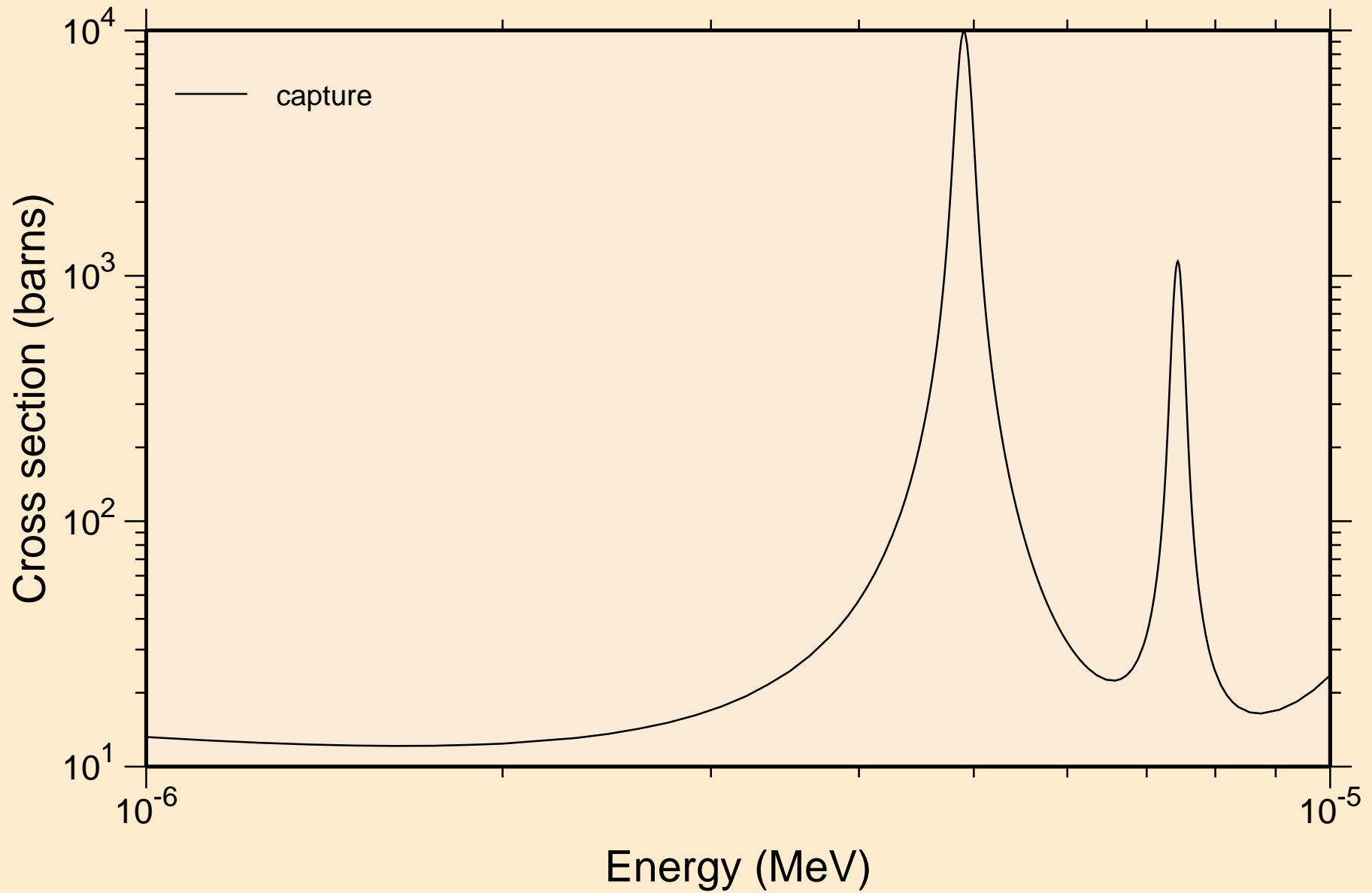
HF168 NRG TENDL-2015, AKONING  
resonance total cross section



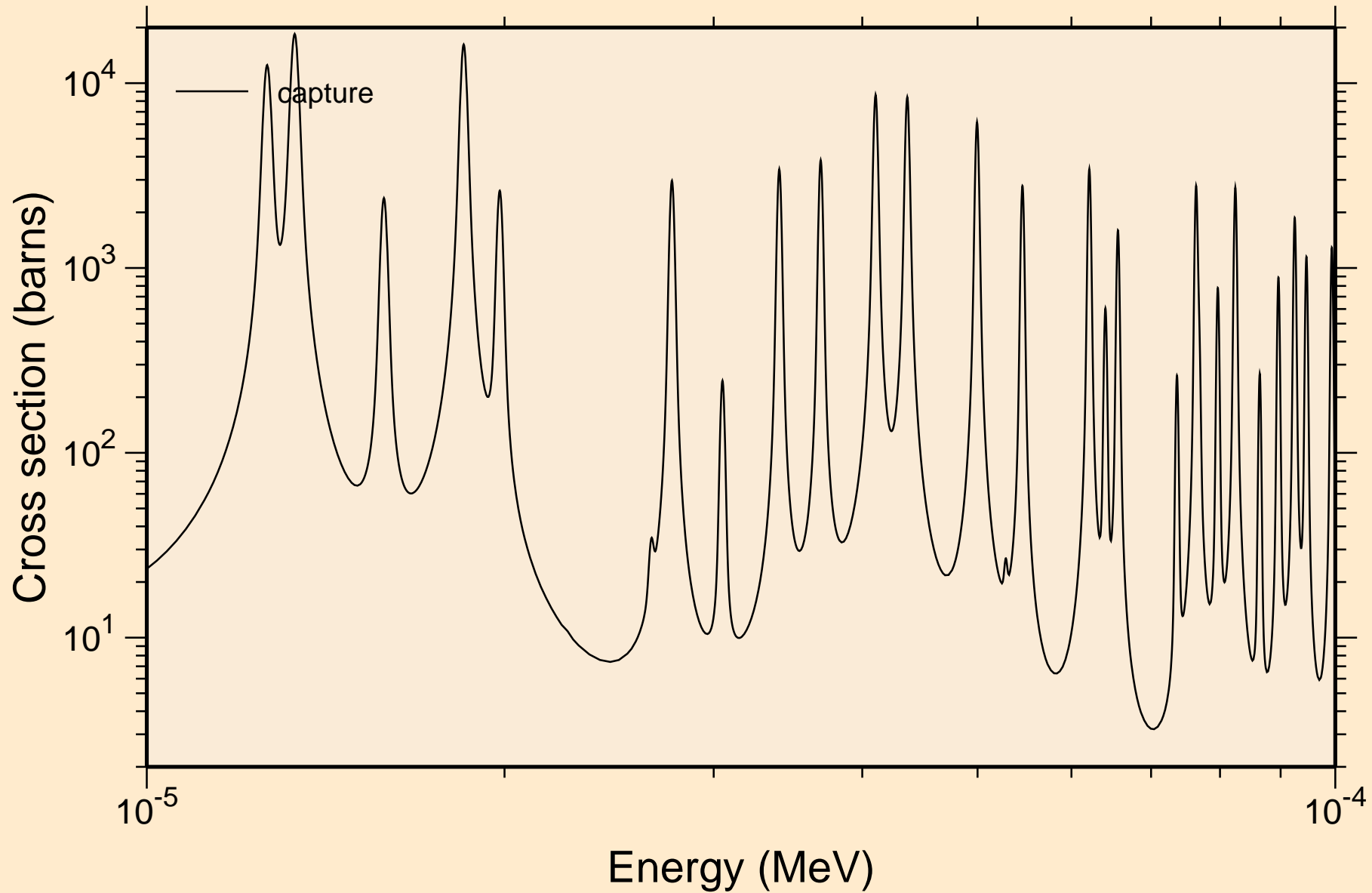
HF168 NRG TENDL-2015, AKONING  
resonance total cross section



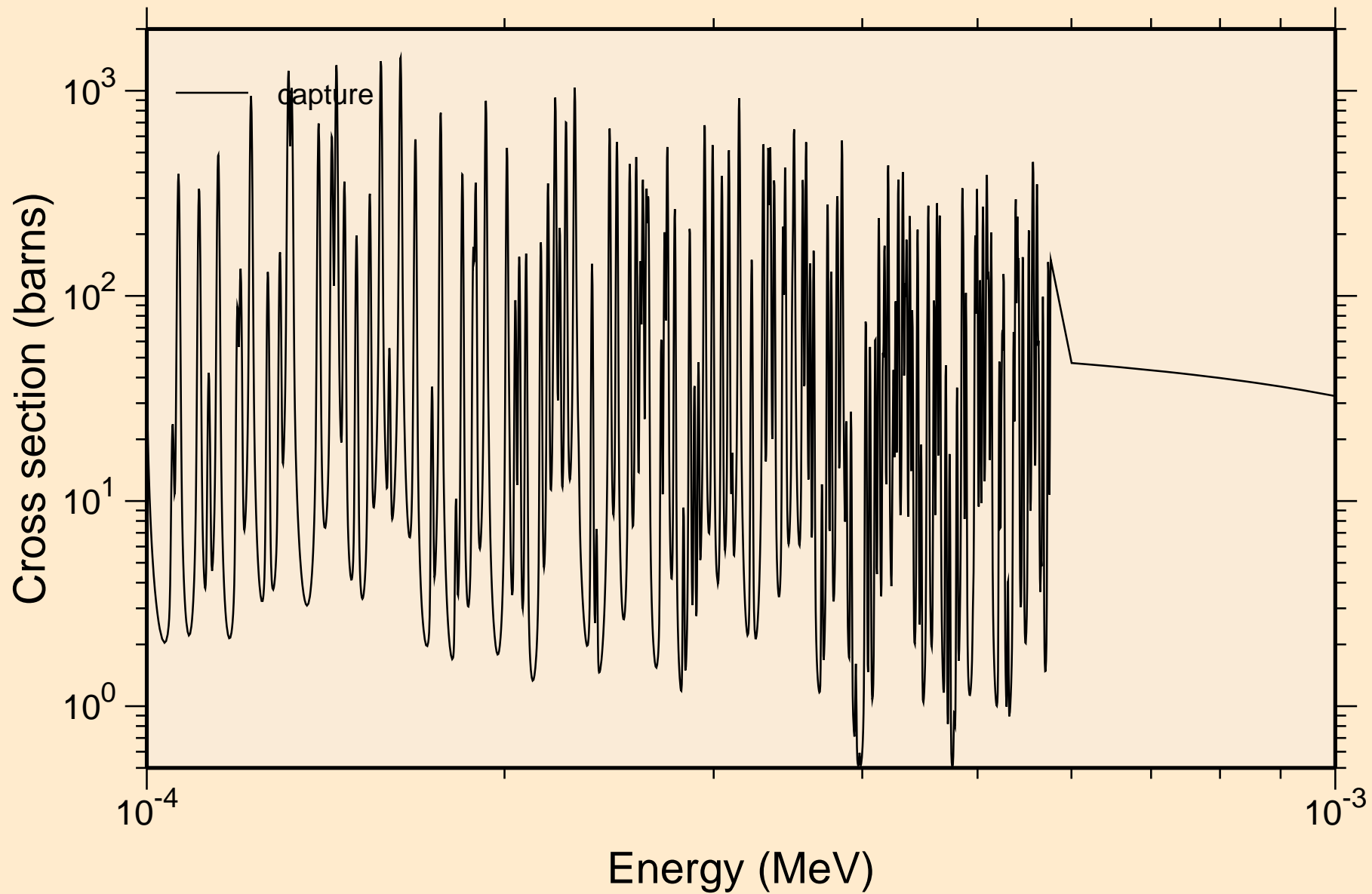
# HF168 NRG TENDL-2015, AKONING resonance absorption cross sections



HF168 NRG TENDL-2015, AKONING  
resonance absorption cross sections

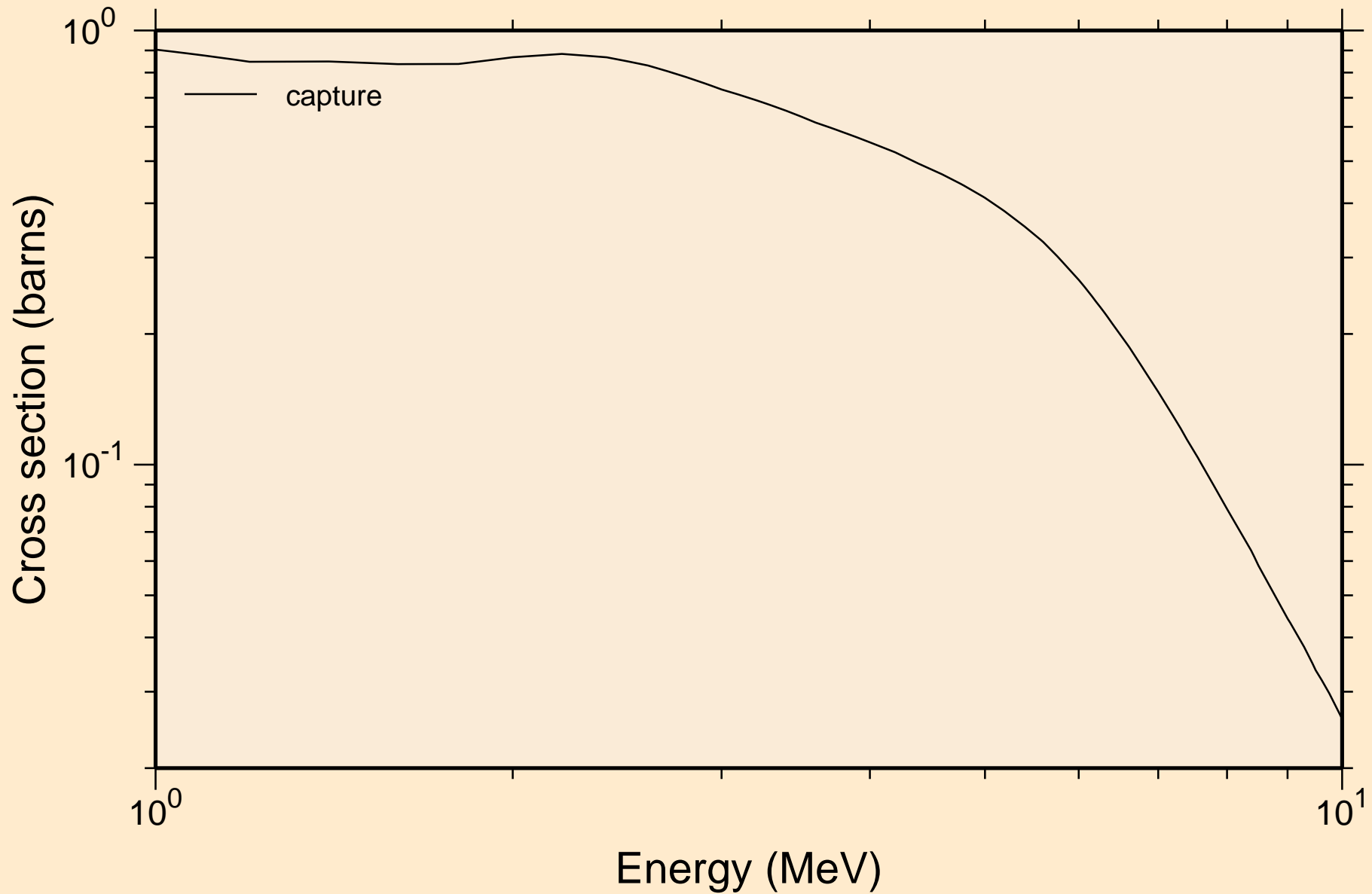


HF168 NRG TENDL-2015, AKONING  
resonance absorption cross sections



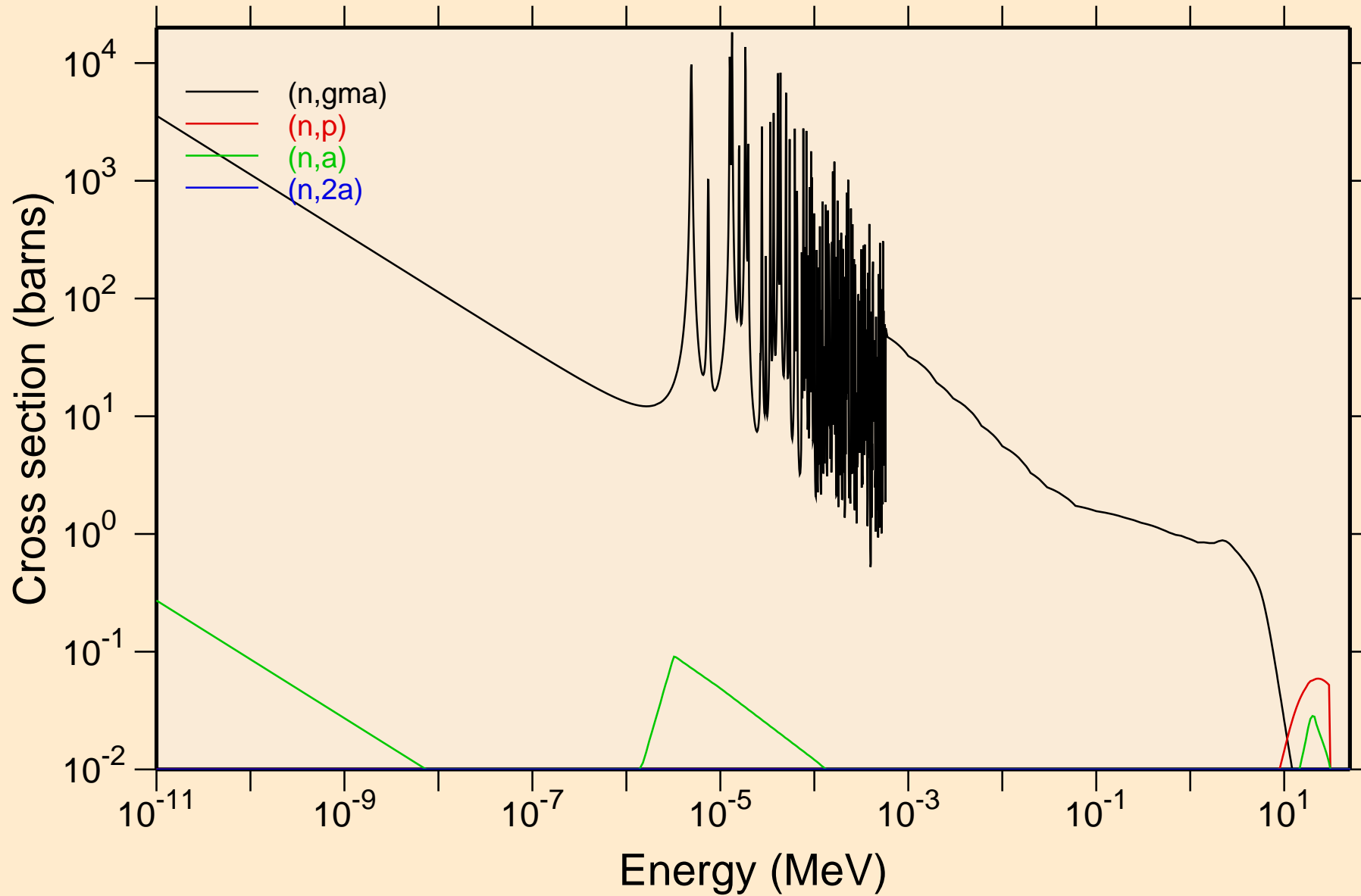


HF168 NRG TENDL-2015, AKONING  
resonance absorption cross sections



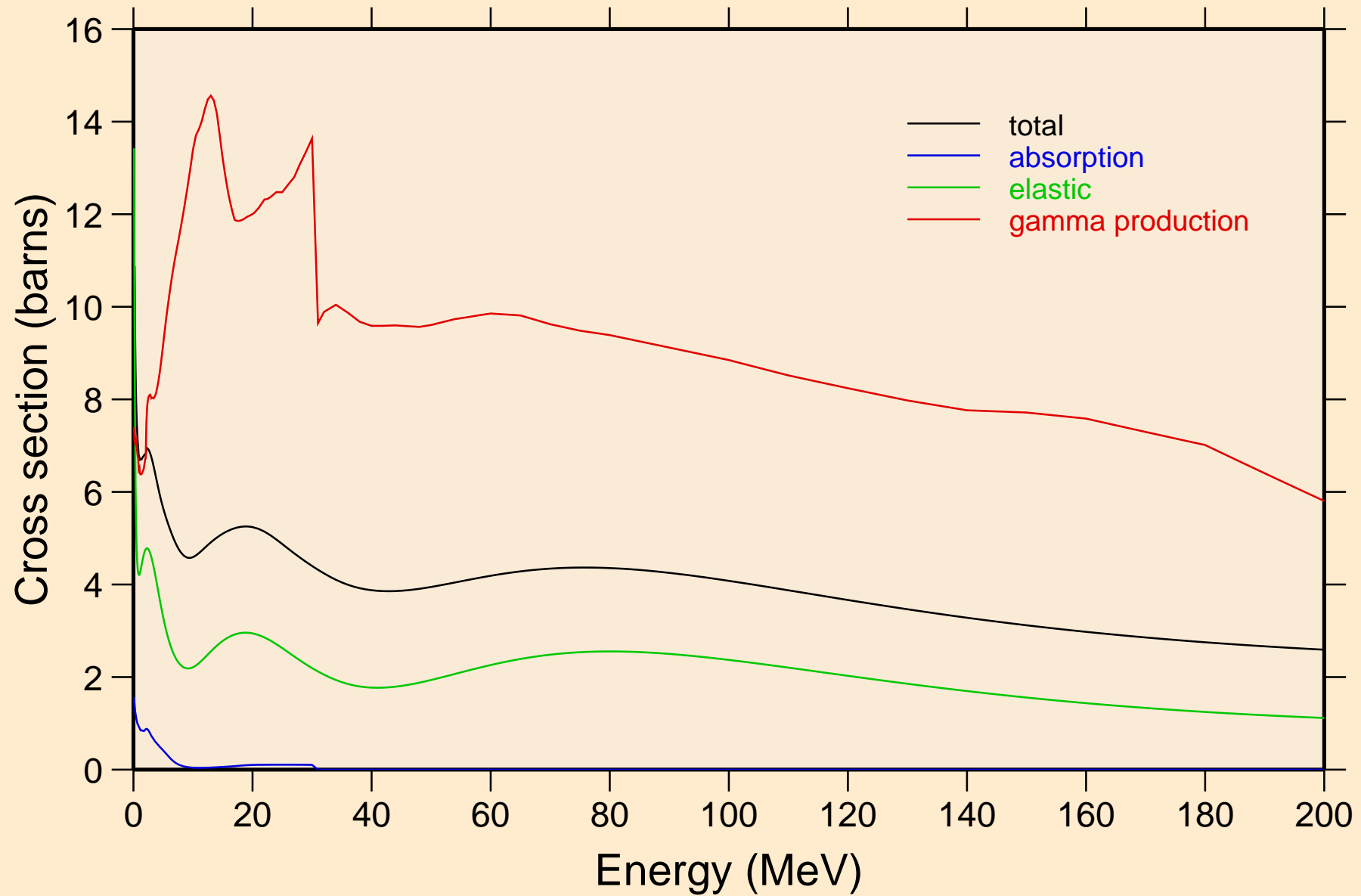
# HF168 NRG TENDL-2015, AKONING

## Non-threshold reactions



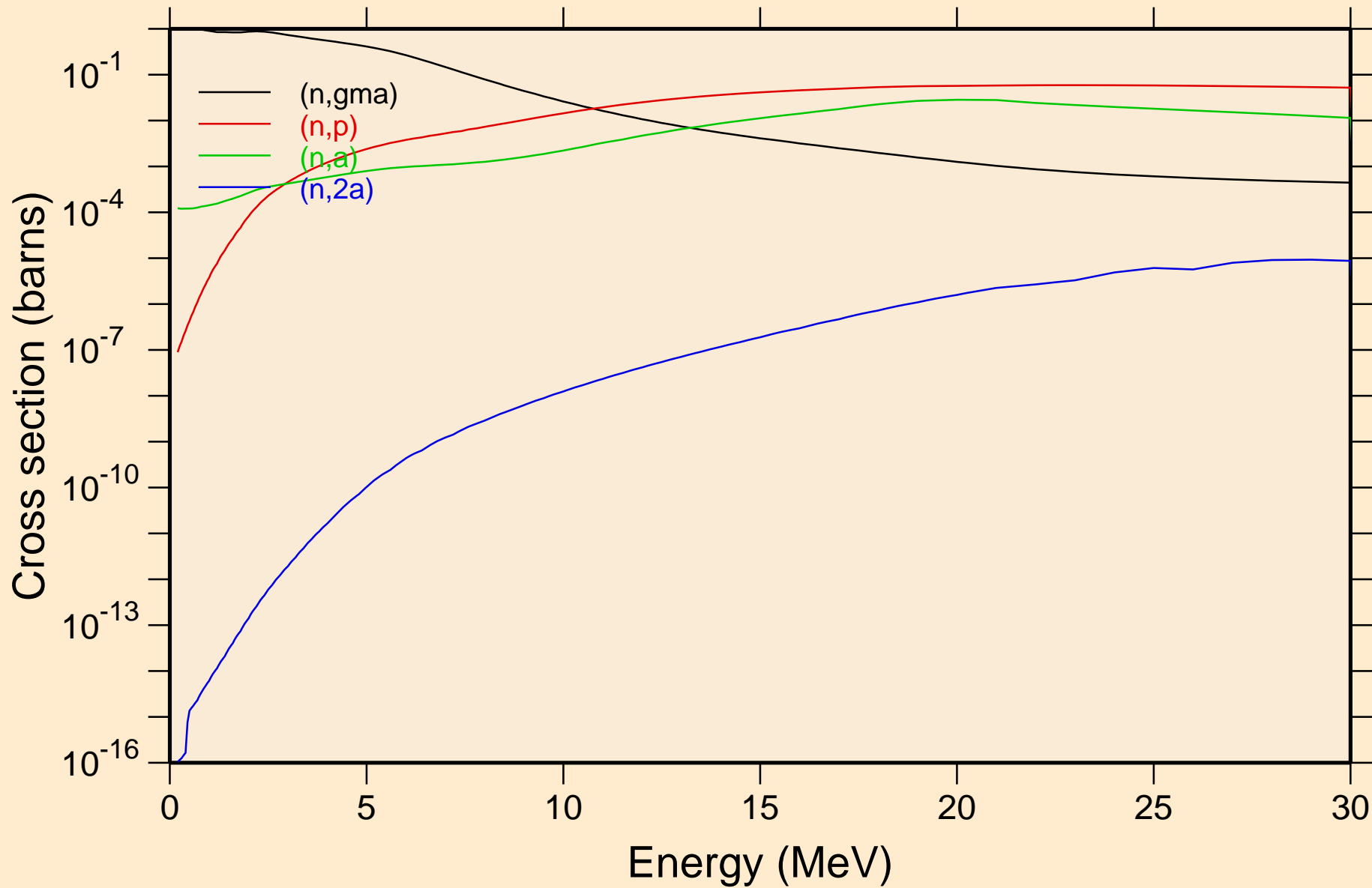
# HF168 NRG TENDL-2015, AKONING

## Principal cross sections



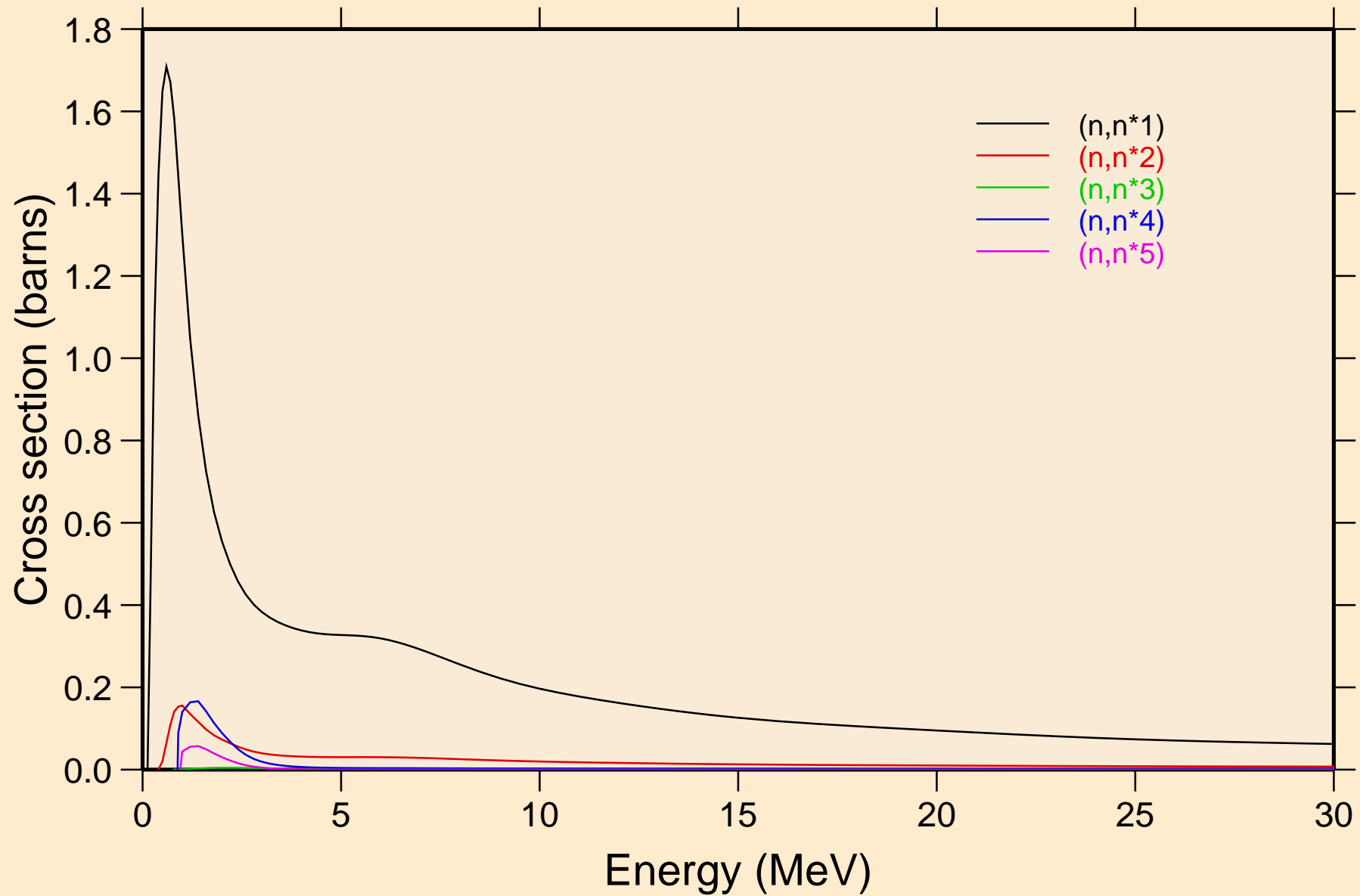
# HF168 NRG TENDL-2015, AKONING

## Non-threshold reactions



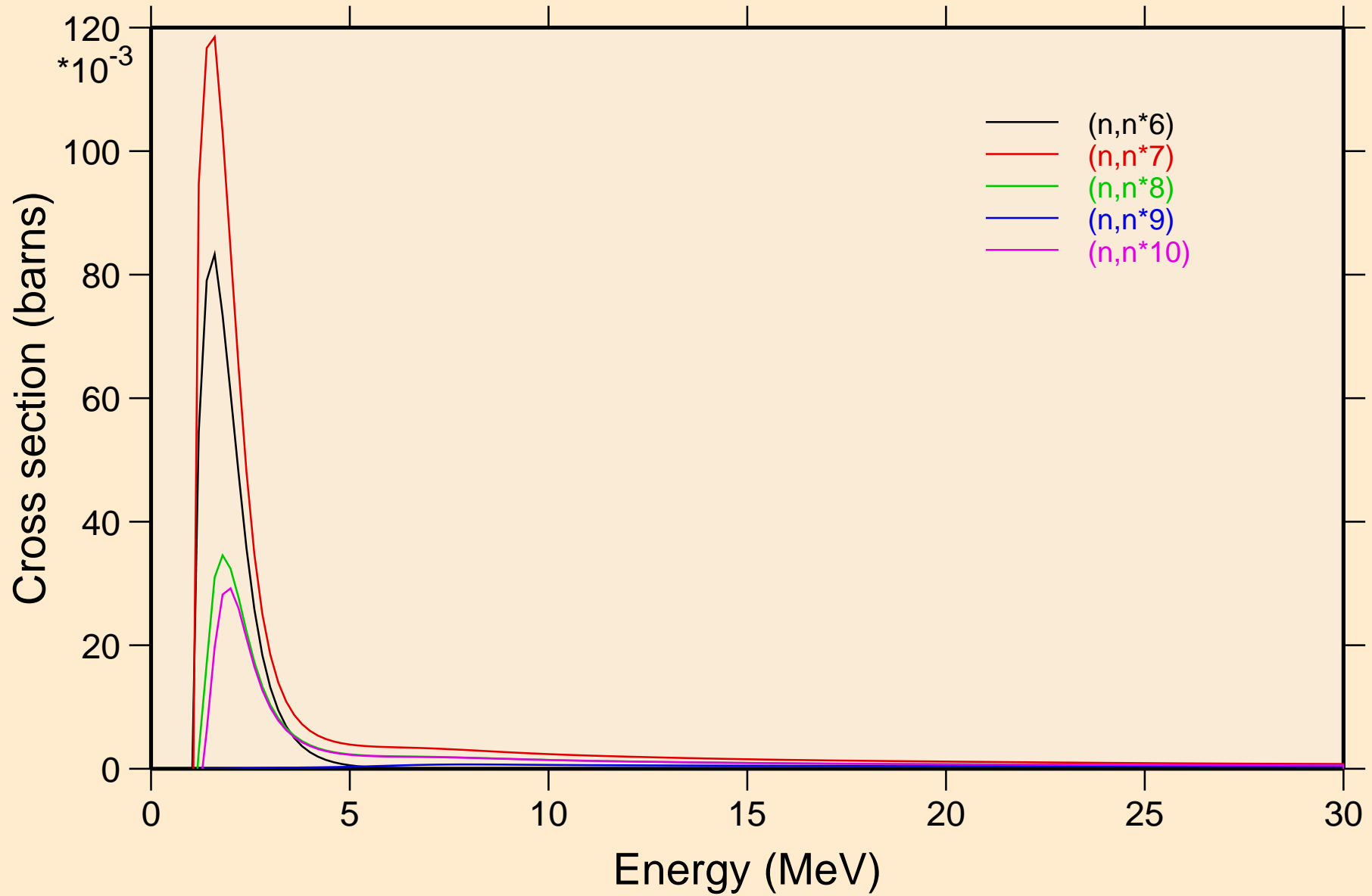
# HF168 NRG TENDL-2015, AKONING

## Inelastic levels



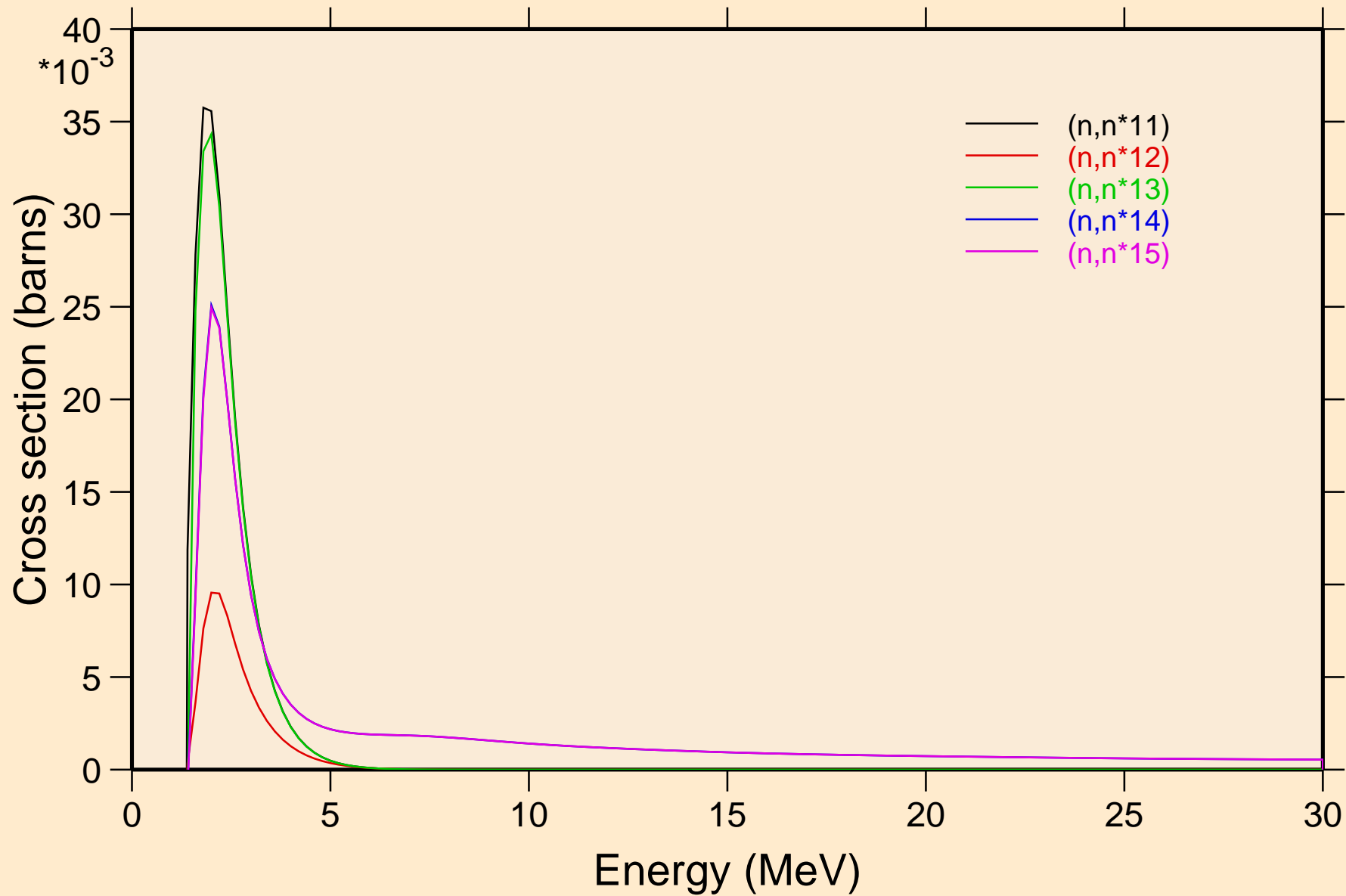
# HF168 NRG TENDL-2015, AKONING

## Inelastic levels



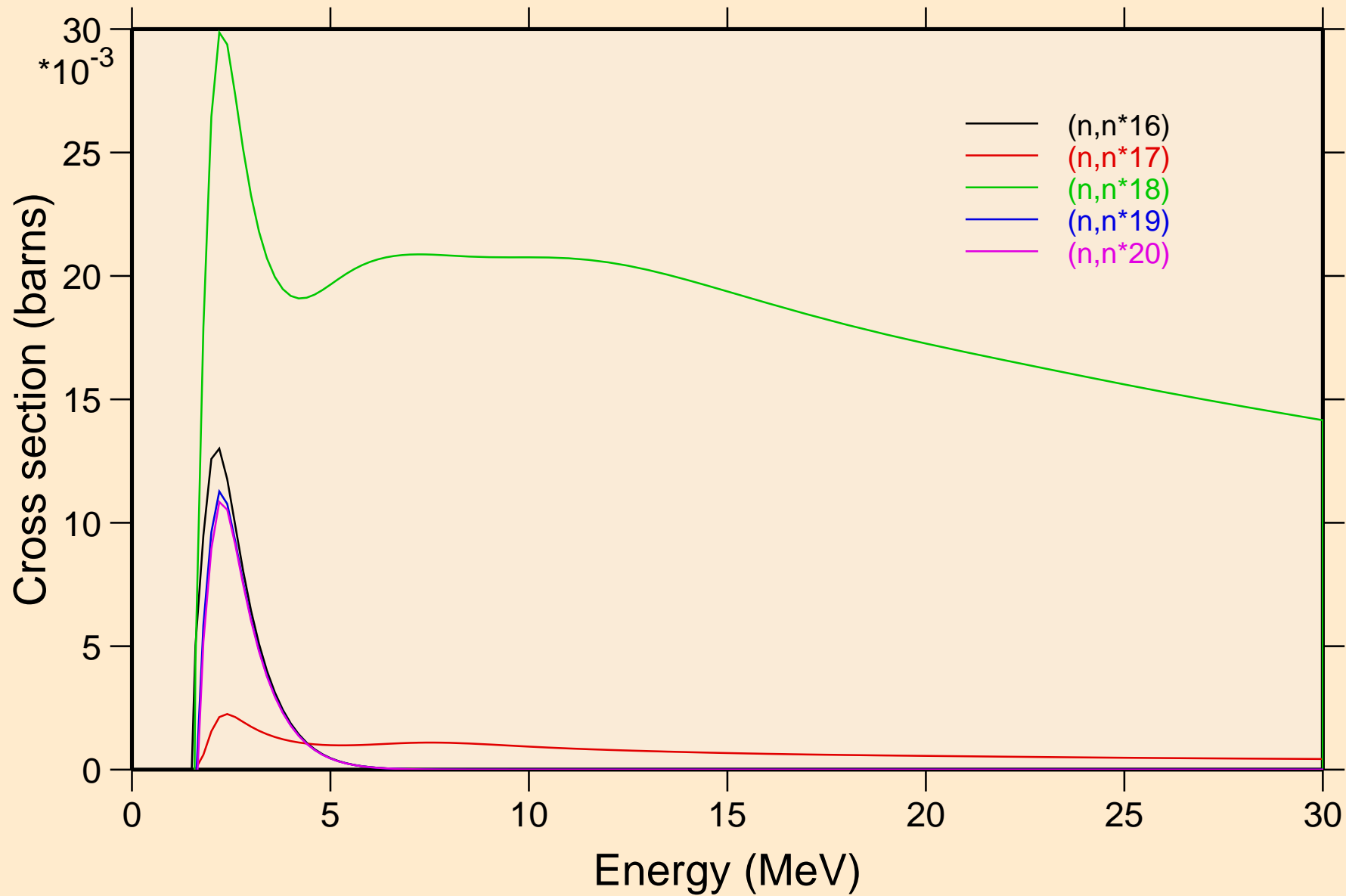
# HF168 NRG TENDL-2015, AKONING

## Inelastic levels



# HF168 NRG TENDL-2015, AKONING

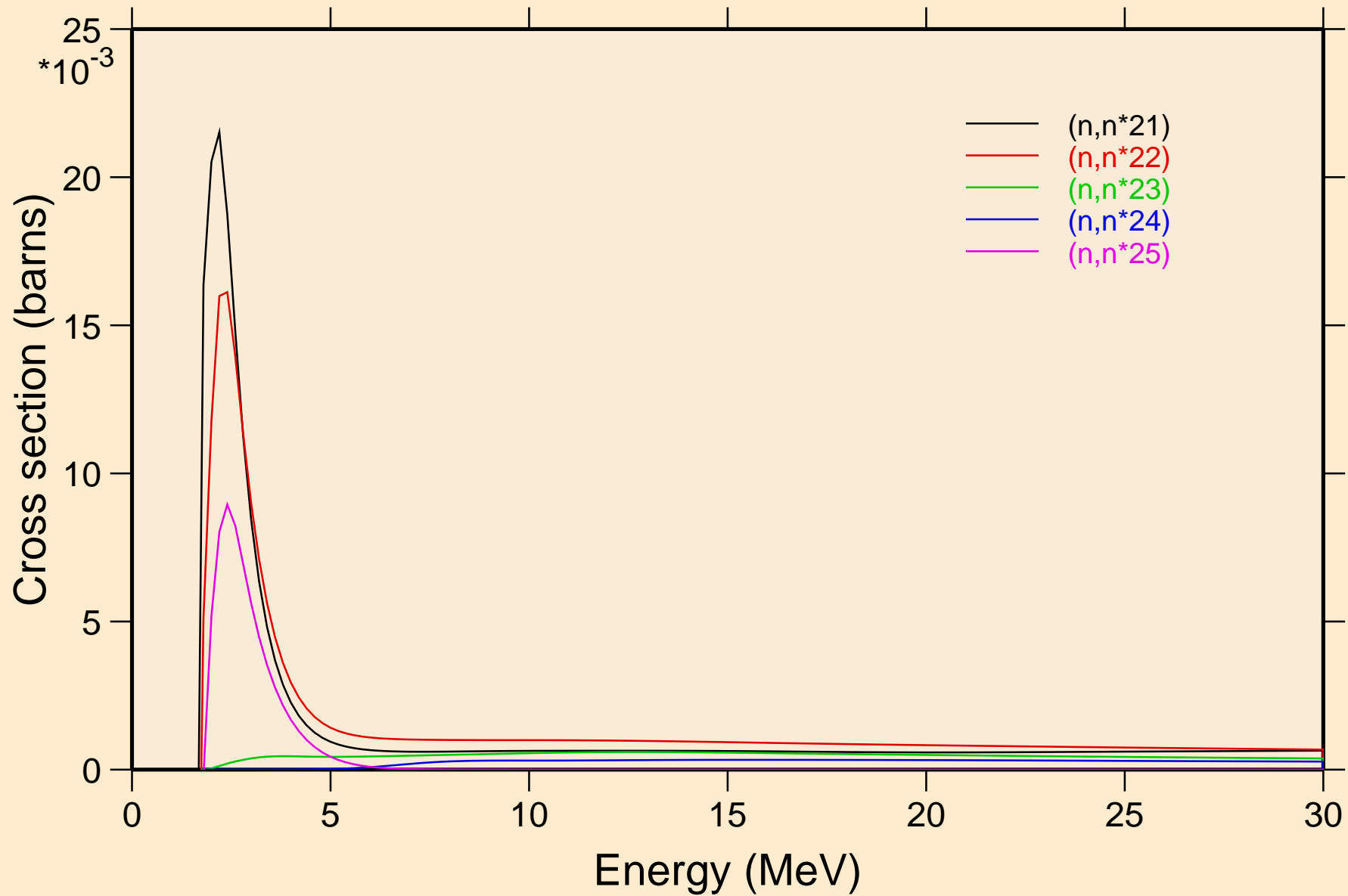
## Inelastic levels





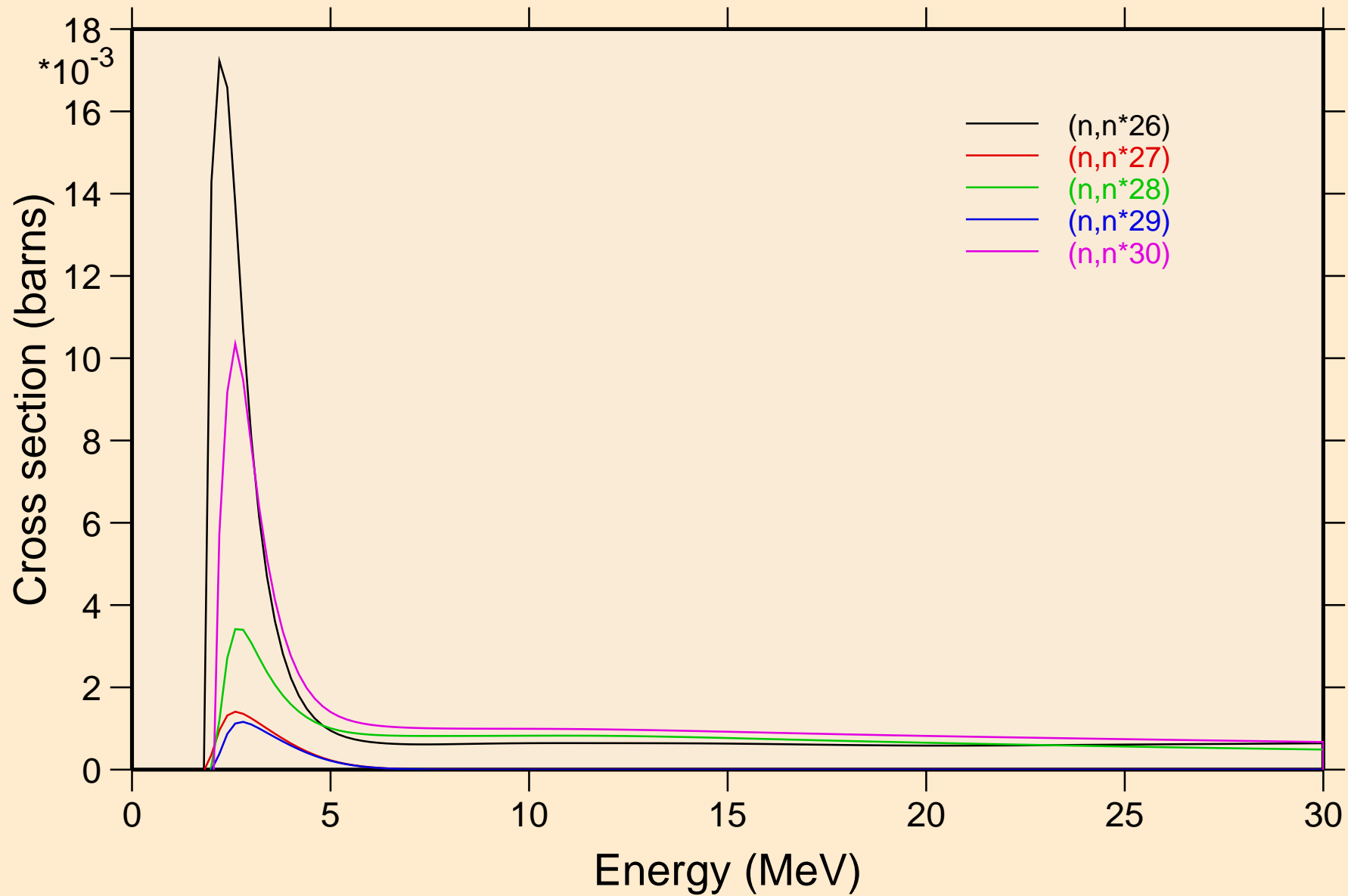
# HF168 NRG TENDL-2015, AKONING

## Inelastic levels



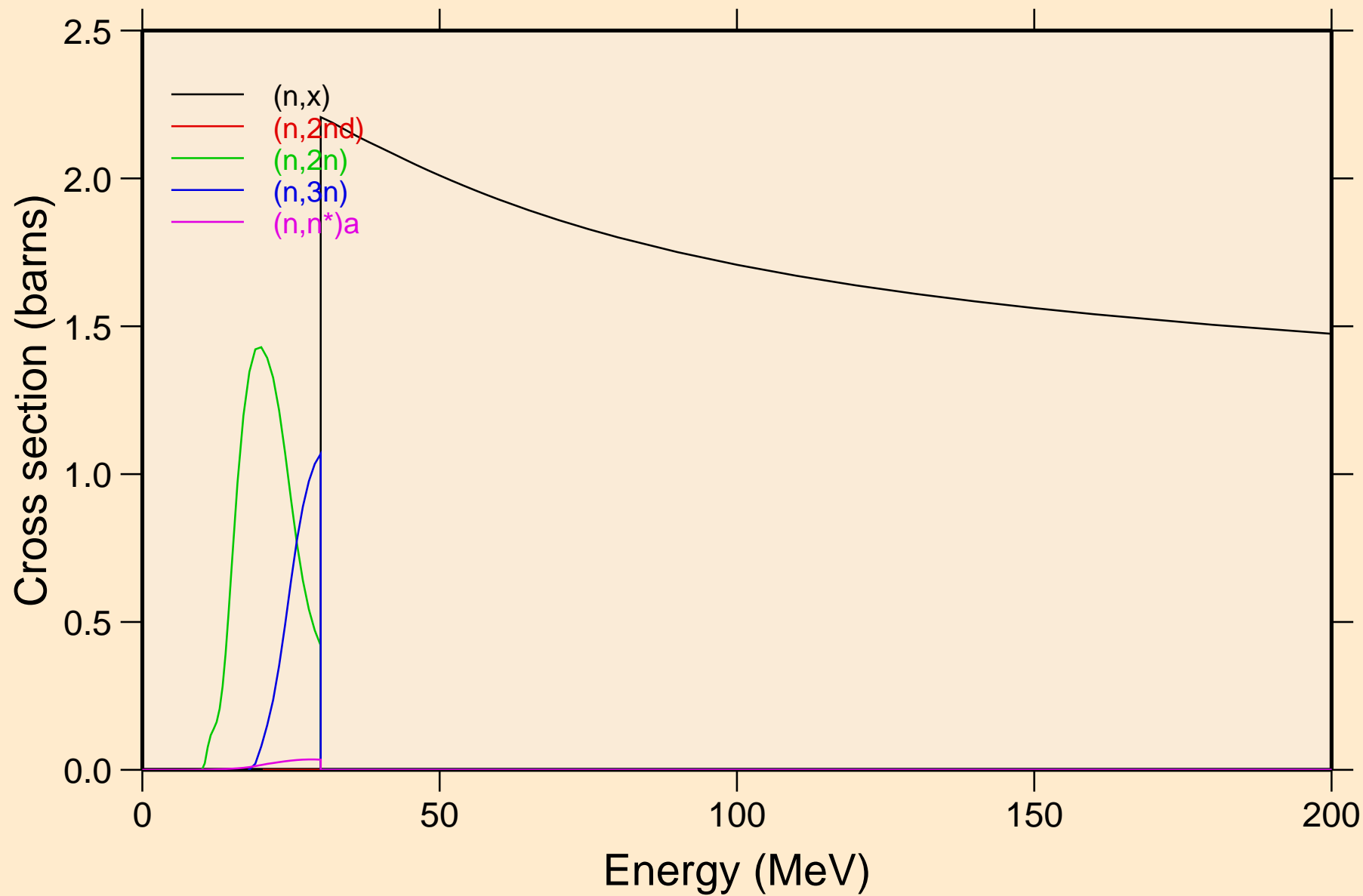
# HF168 NRG TENDL-2015, AKONING

## Inelastic levels



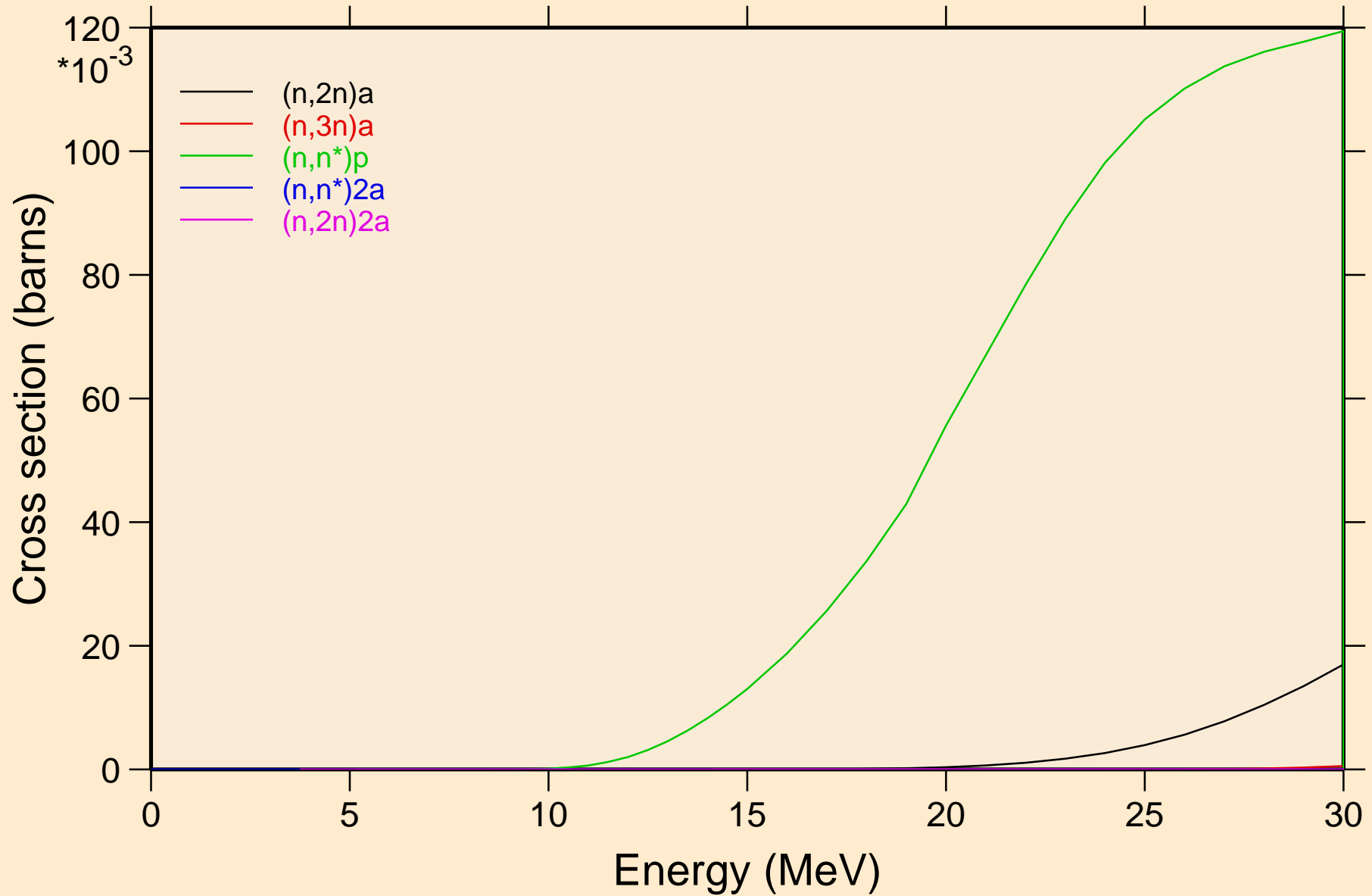
# HF168 NRG TENDL-2015, AKONING

## Threshold reactions



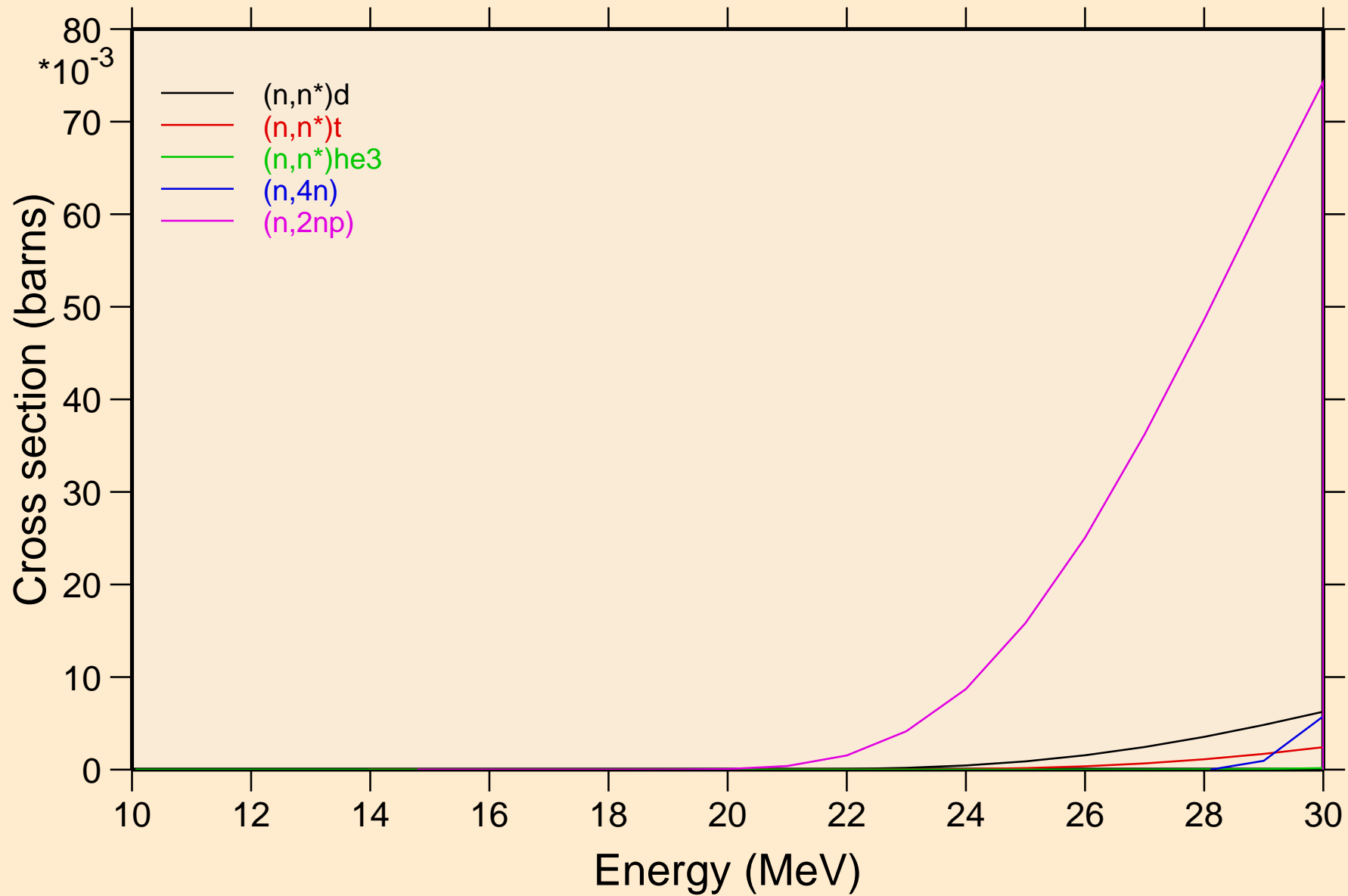
# HF168 NRG TENDL-2015, AKONING

## Threshold reactions



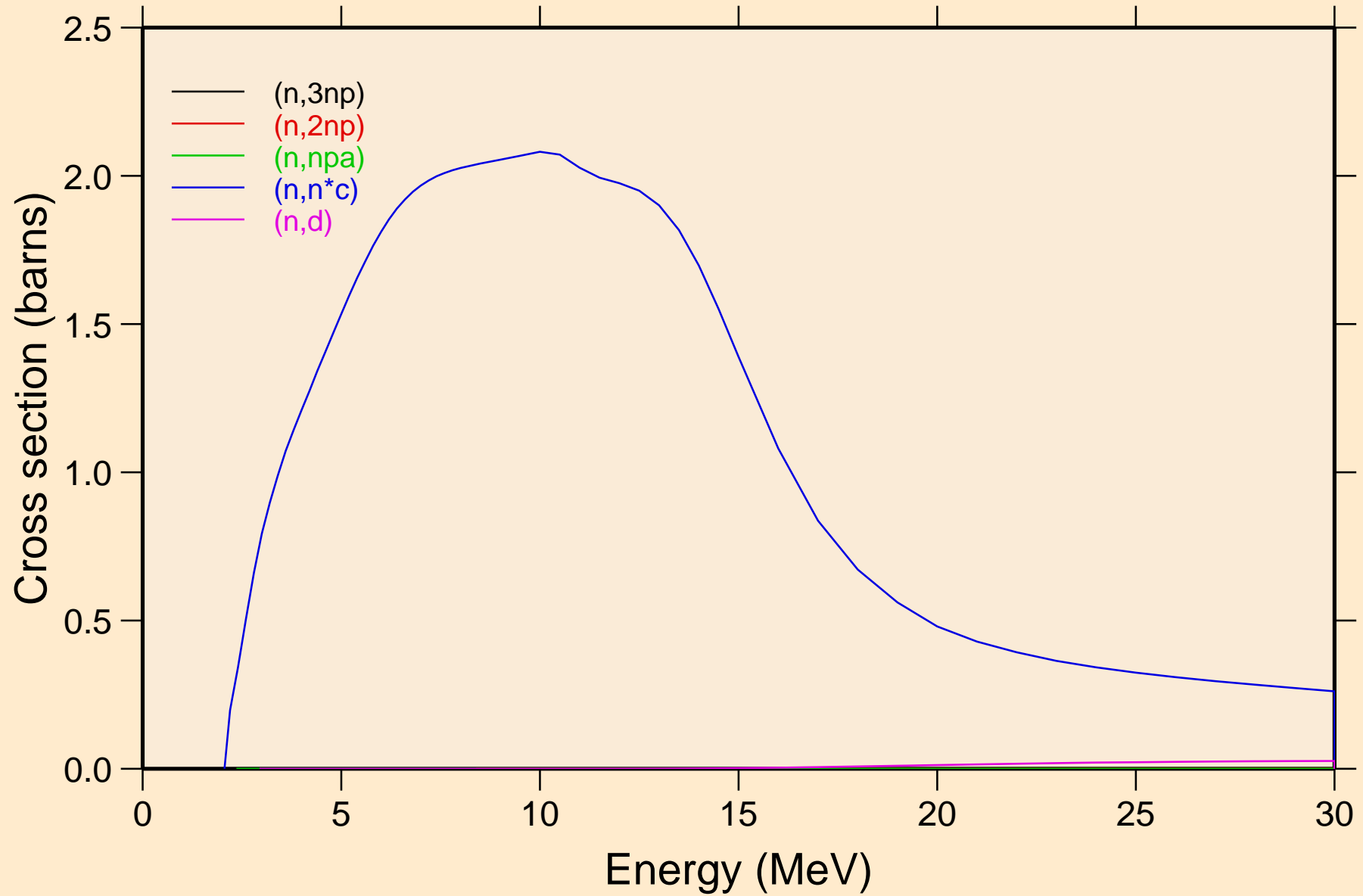
# HF168 NRG TENDL-2015, AKONING

## Threshold reactions



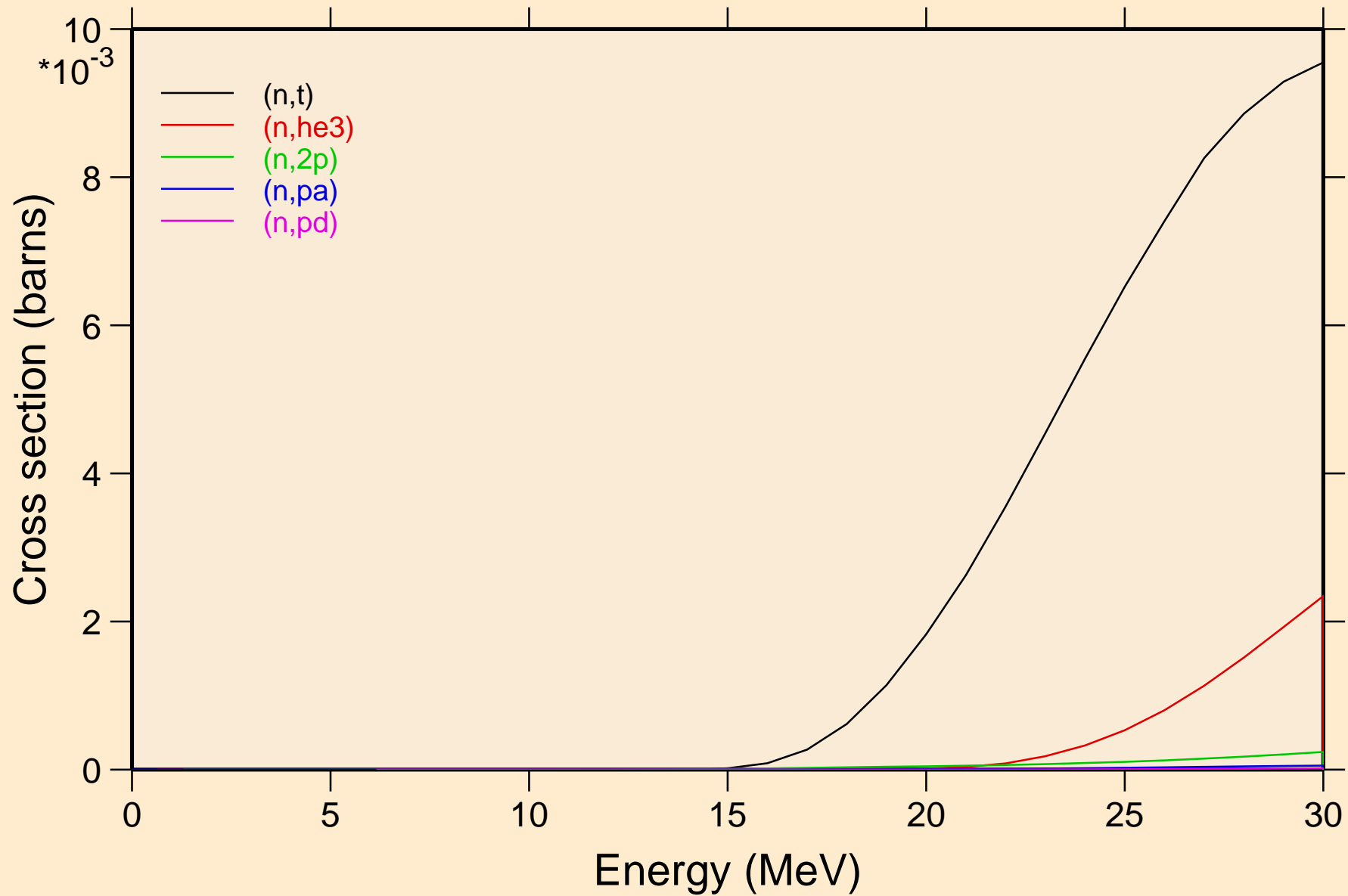
# HF168 NRG TENDL-2015, AKONING

## Threshold reactions



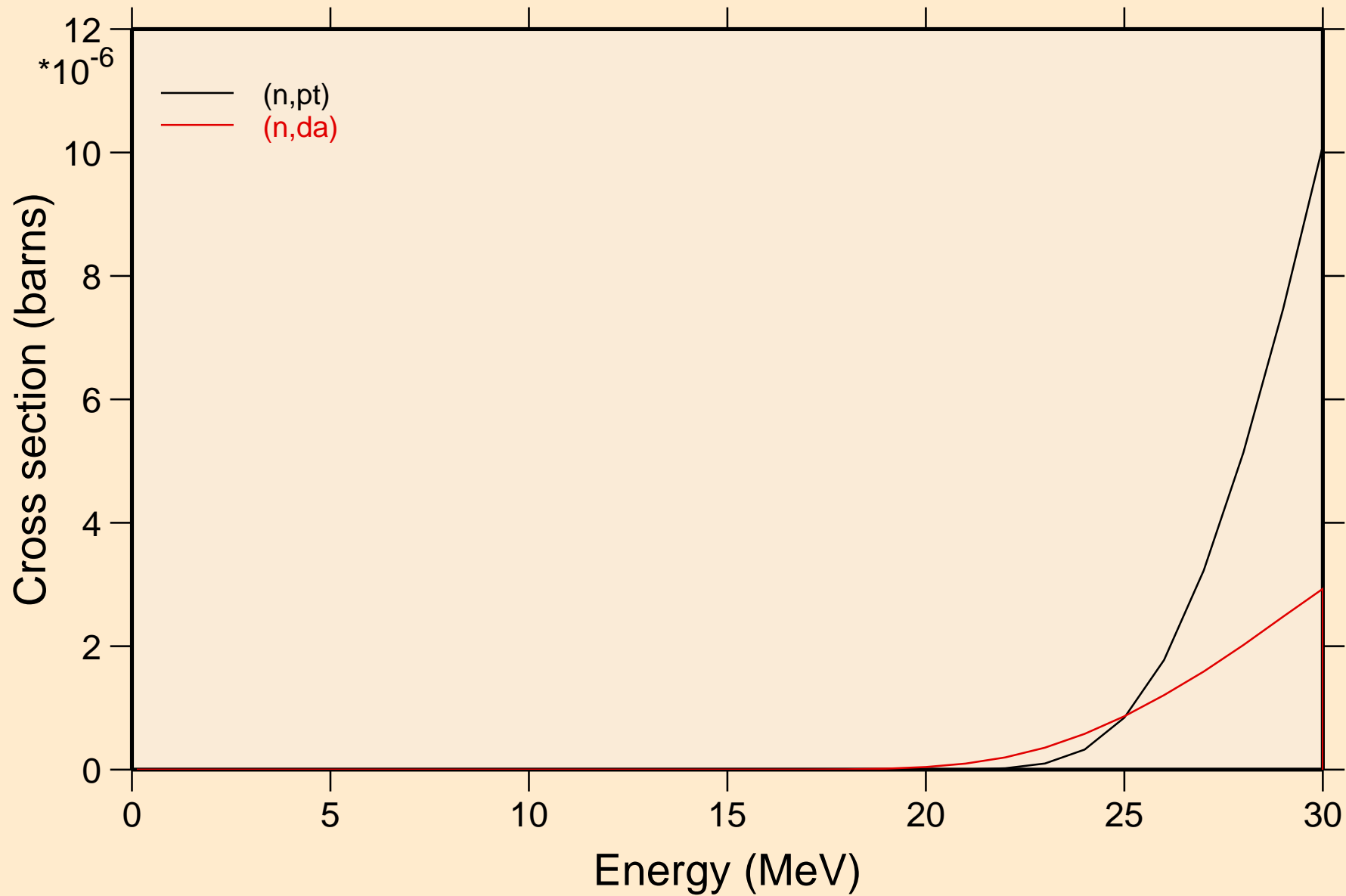
# HF168 NRG TENDL-2015, AKONING

## Threshold reactions



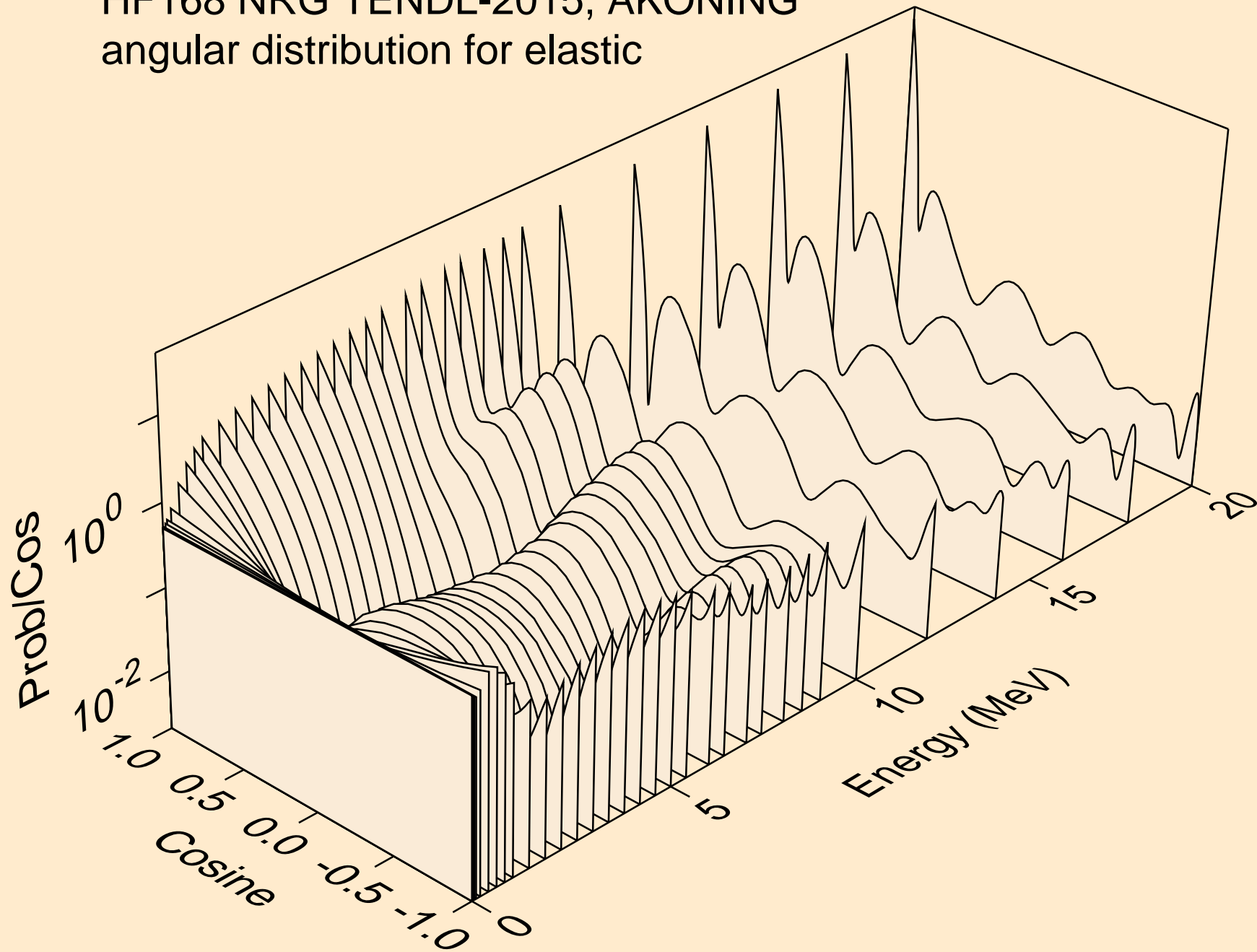
# HF168 NRG TENDL-2015, AKONING

## Threshold reactions

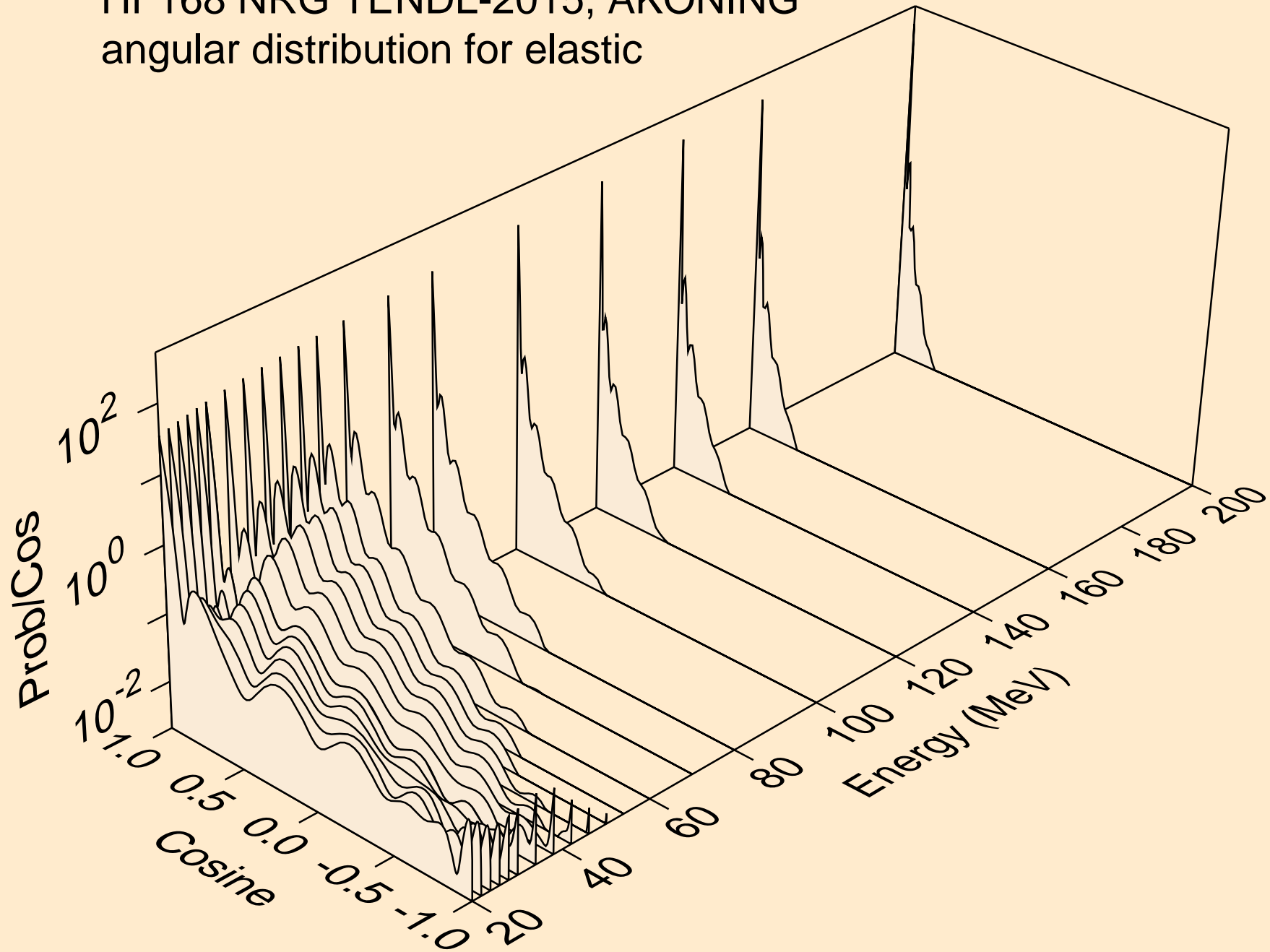




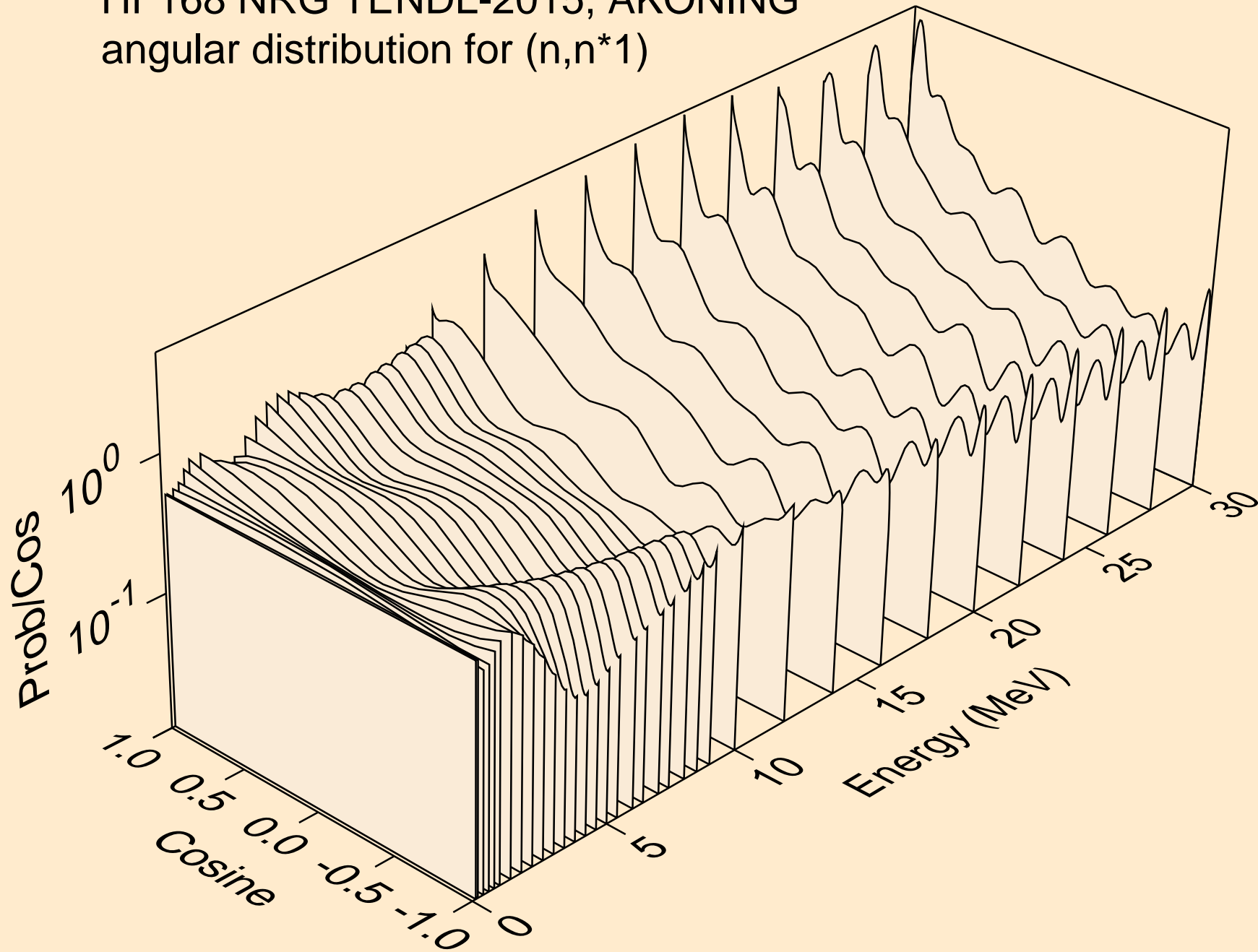
HF168 NRG TENDL-2015, AKONING  
angular distribution for elastic



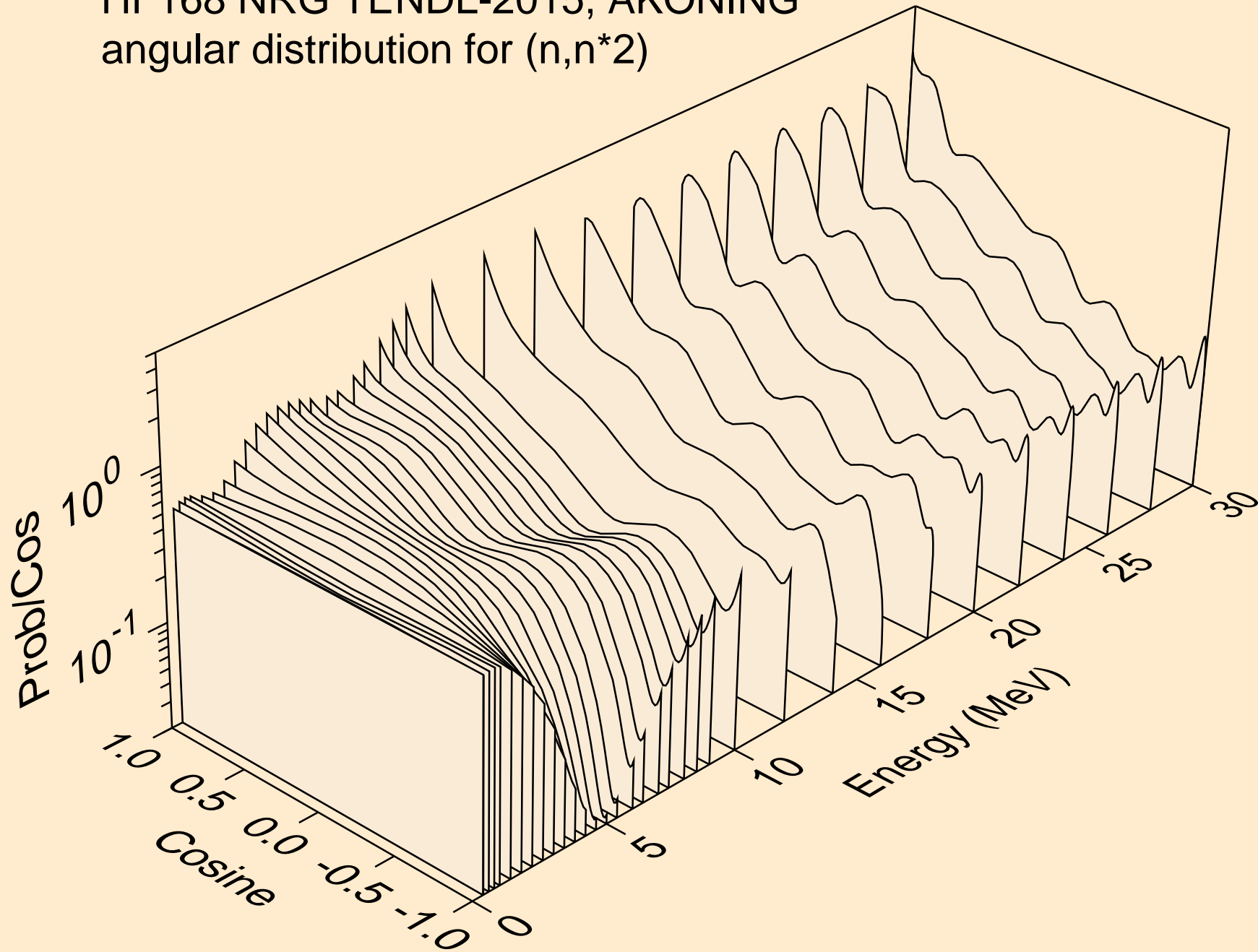
HF168 NRG TENDL-2015, AKONING  
angular distribution for elastic



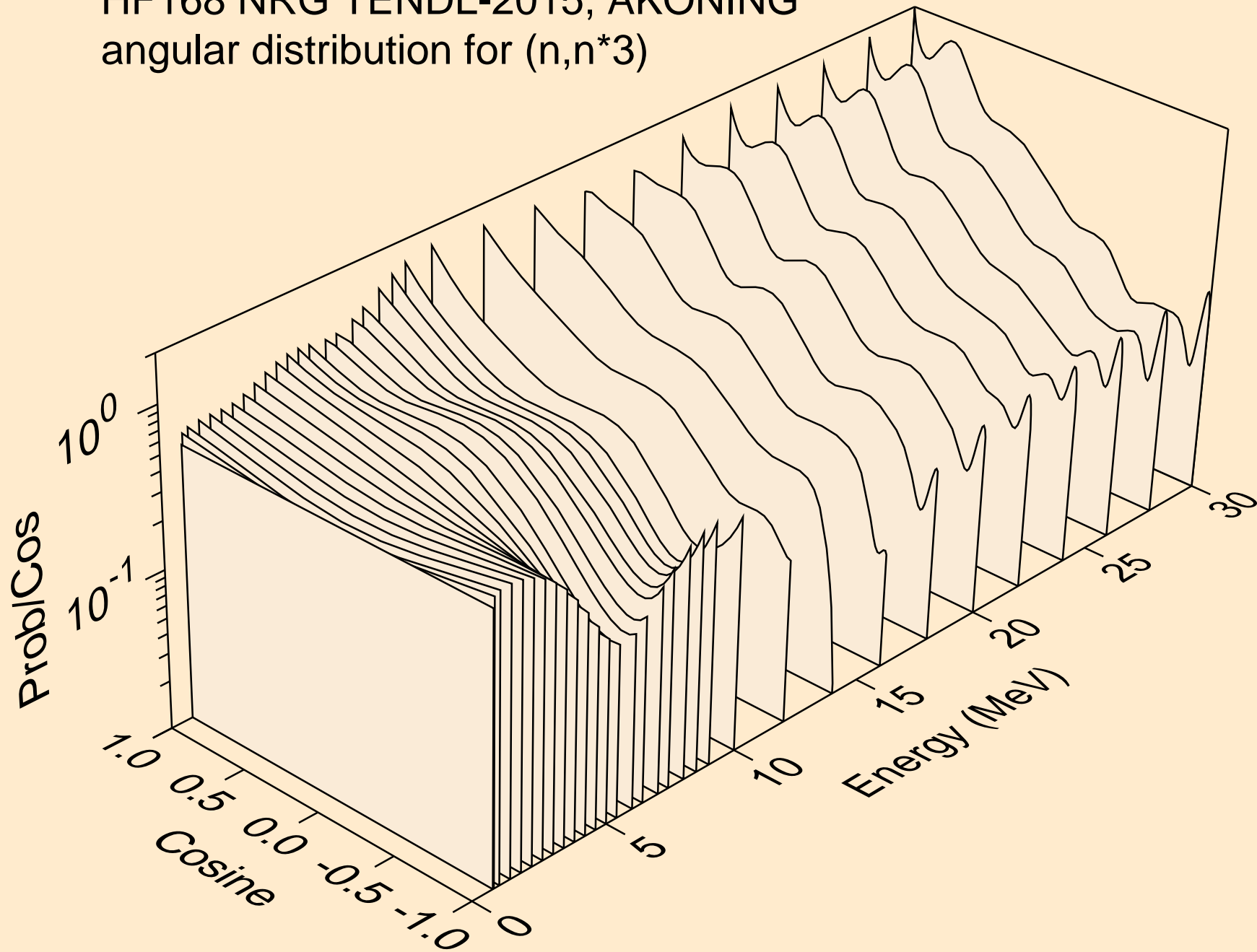
HF168 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



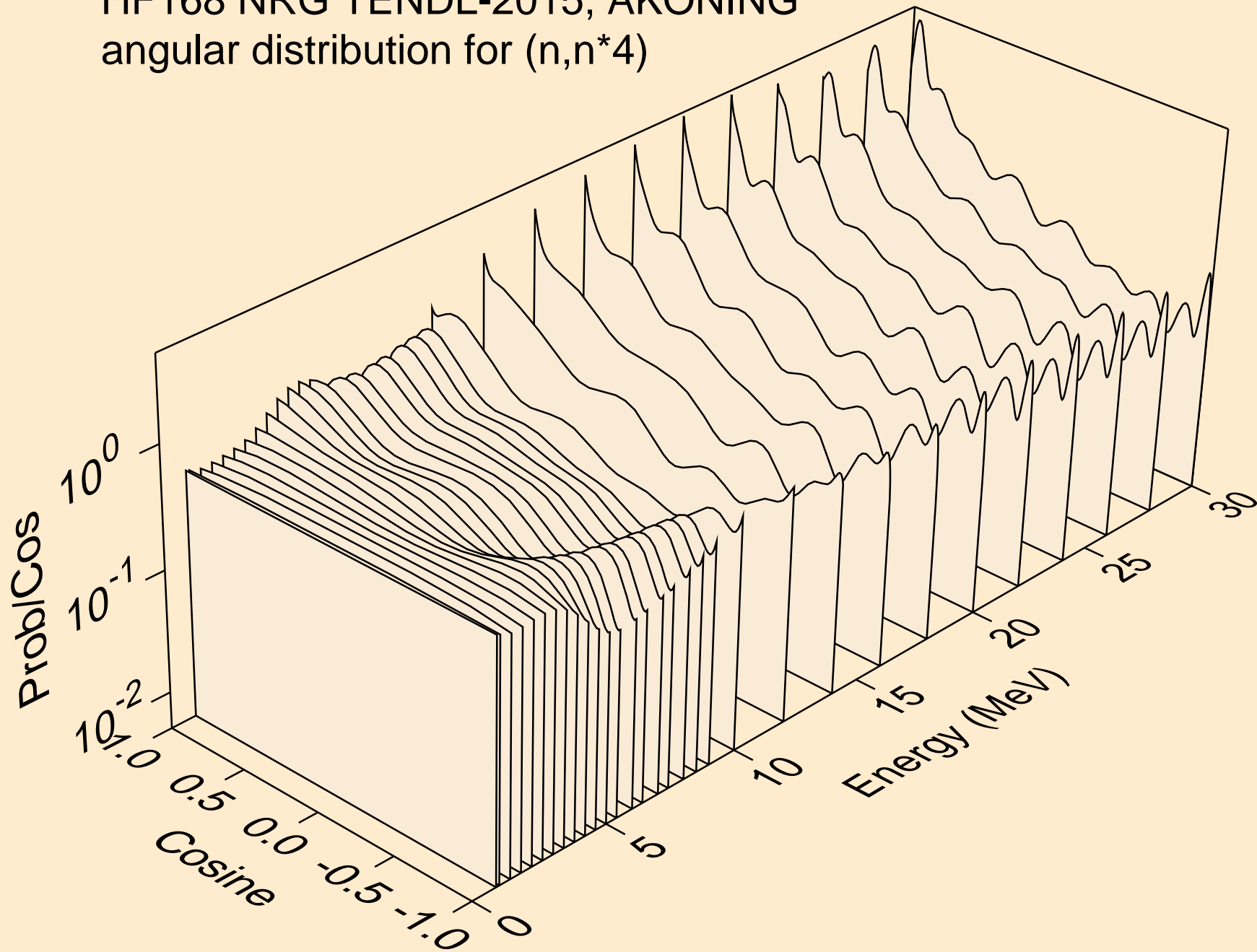
HF168 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



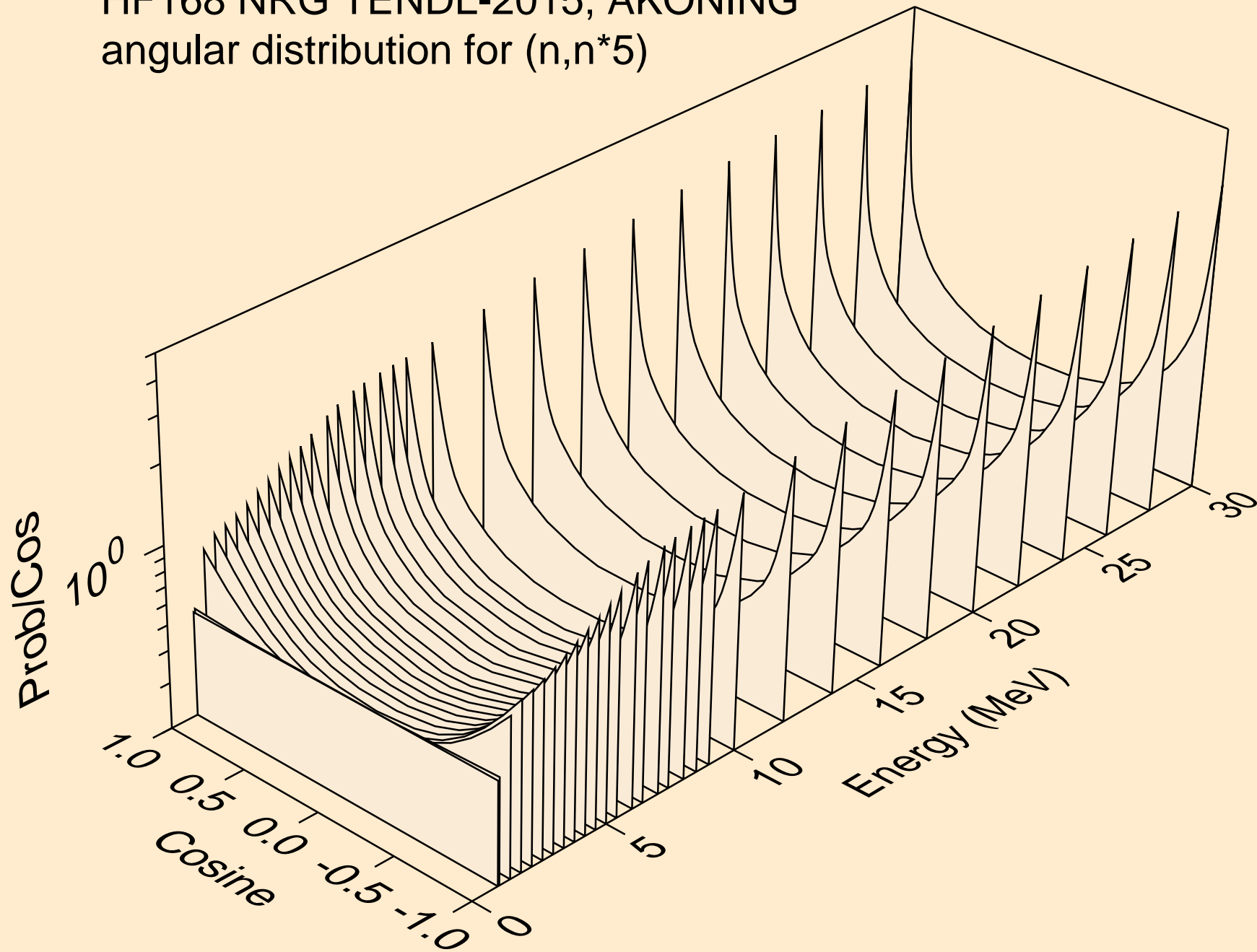
HF168 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



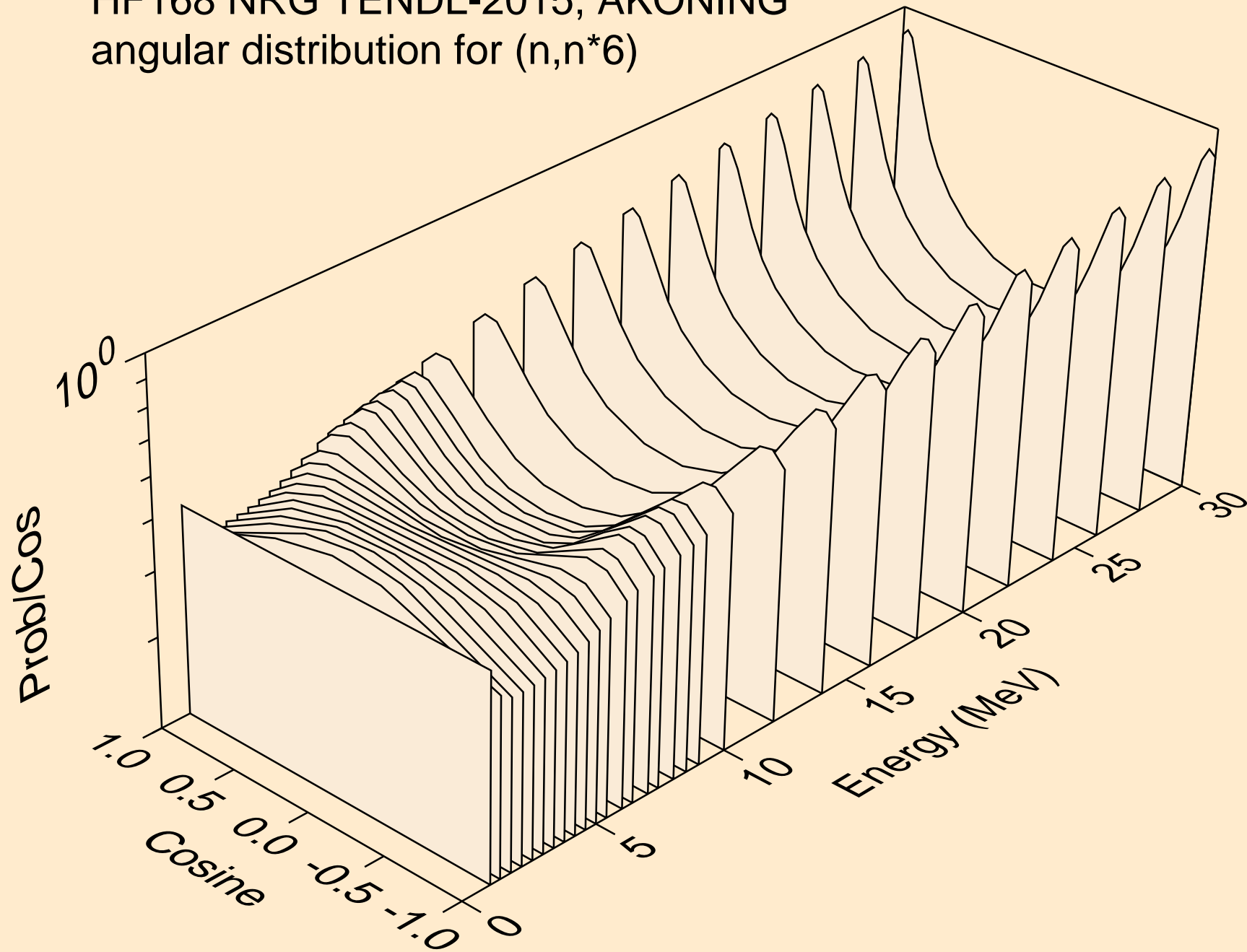
HF168 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



HF168 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

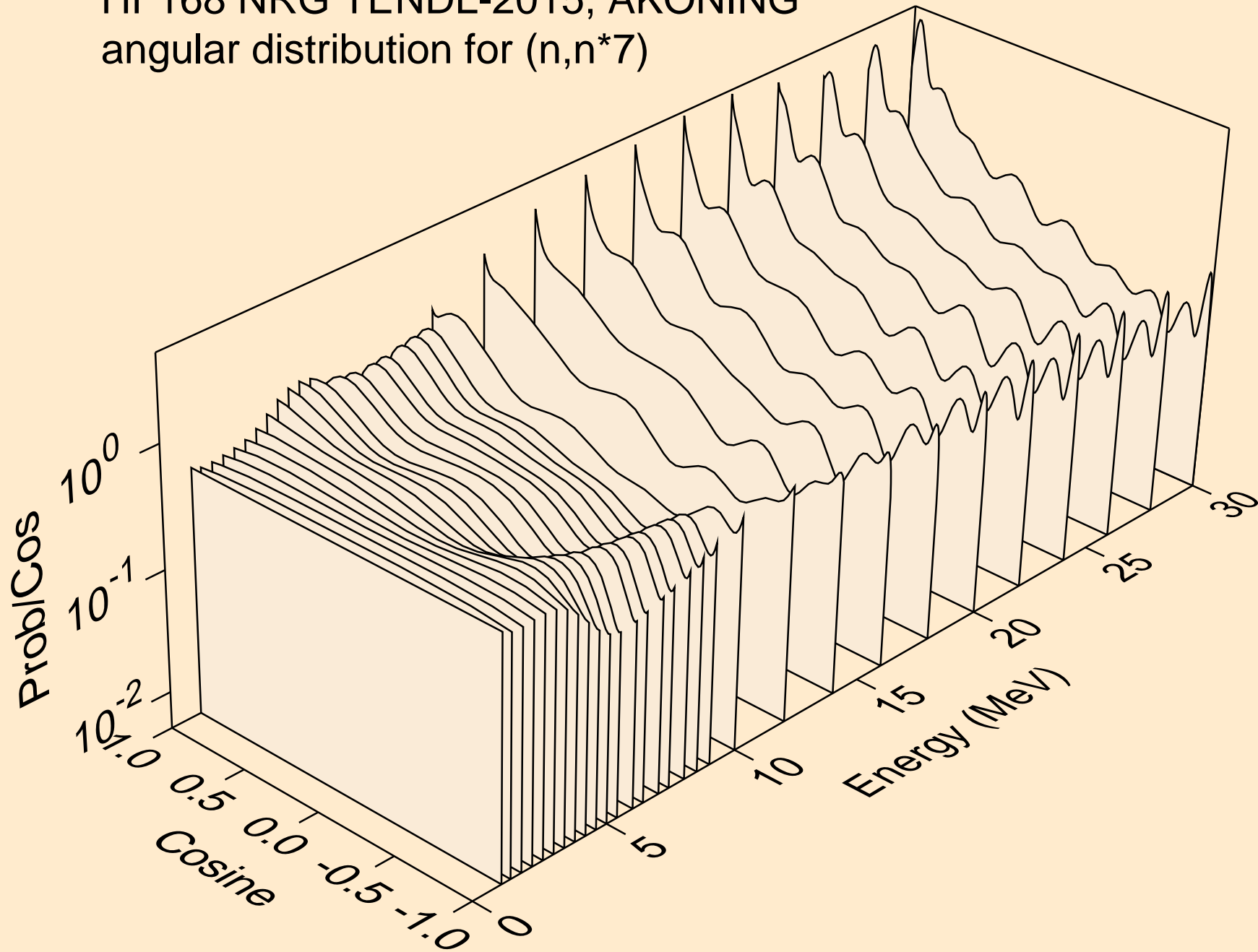


HF168 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

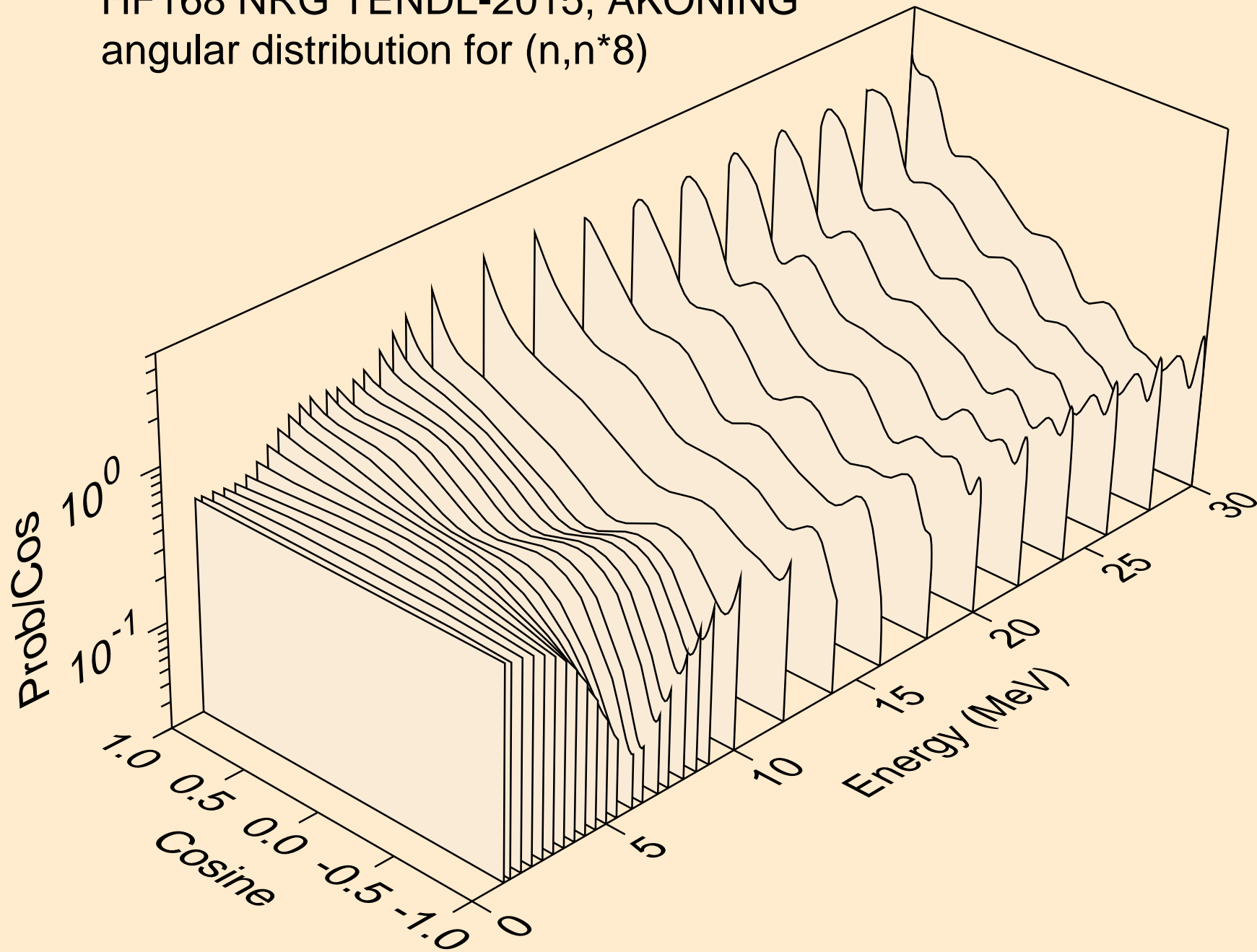




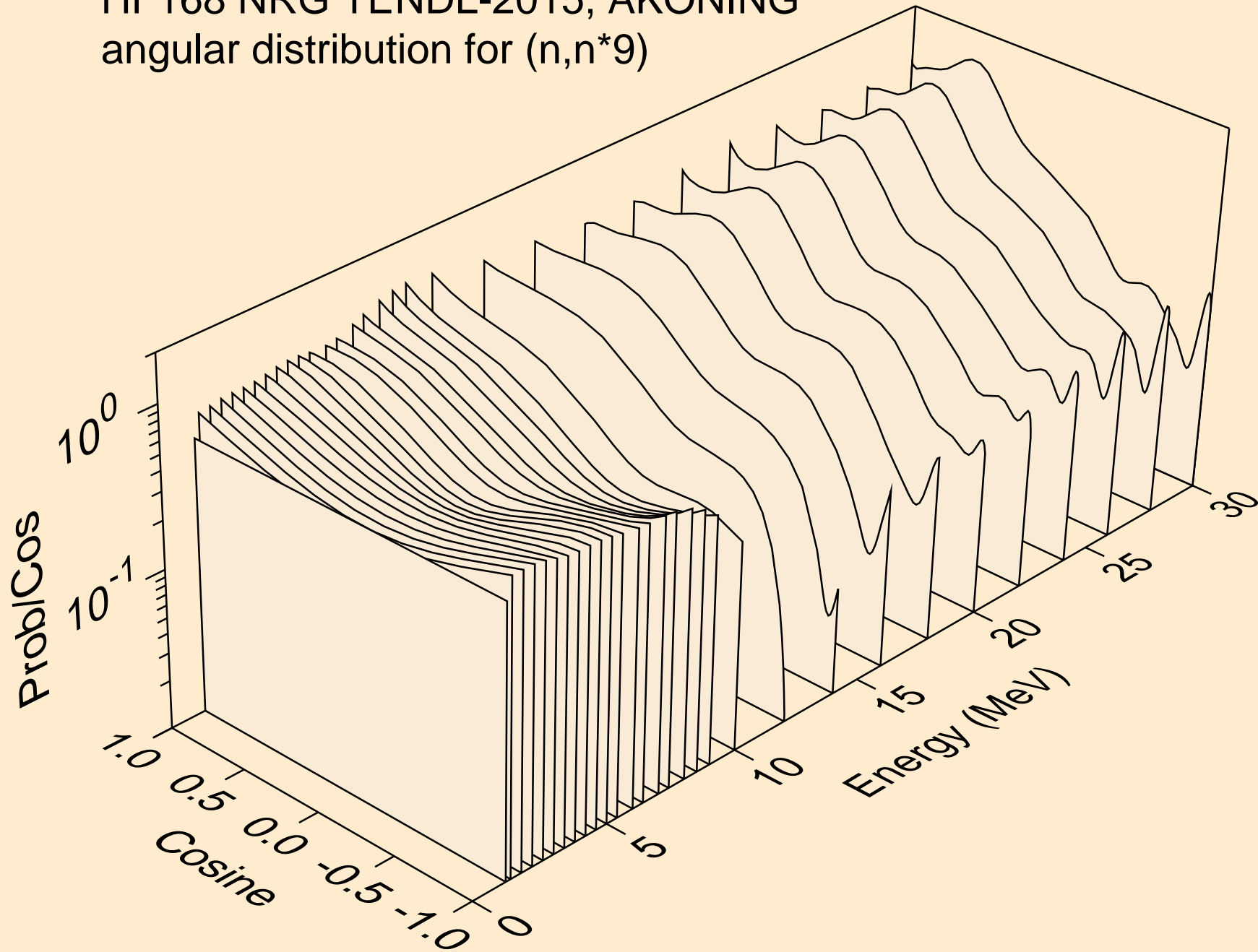
HF168 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



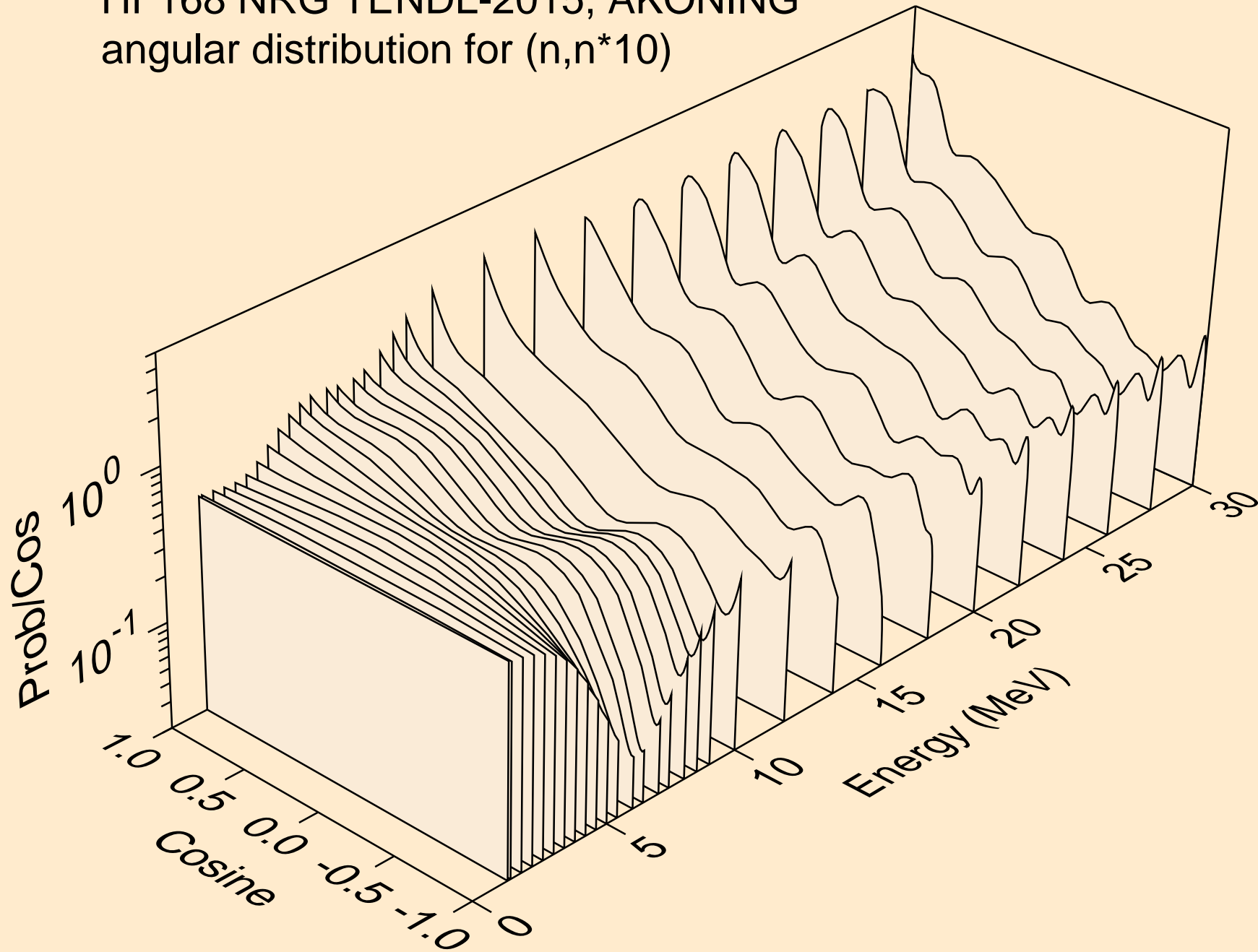
HF168 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



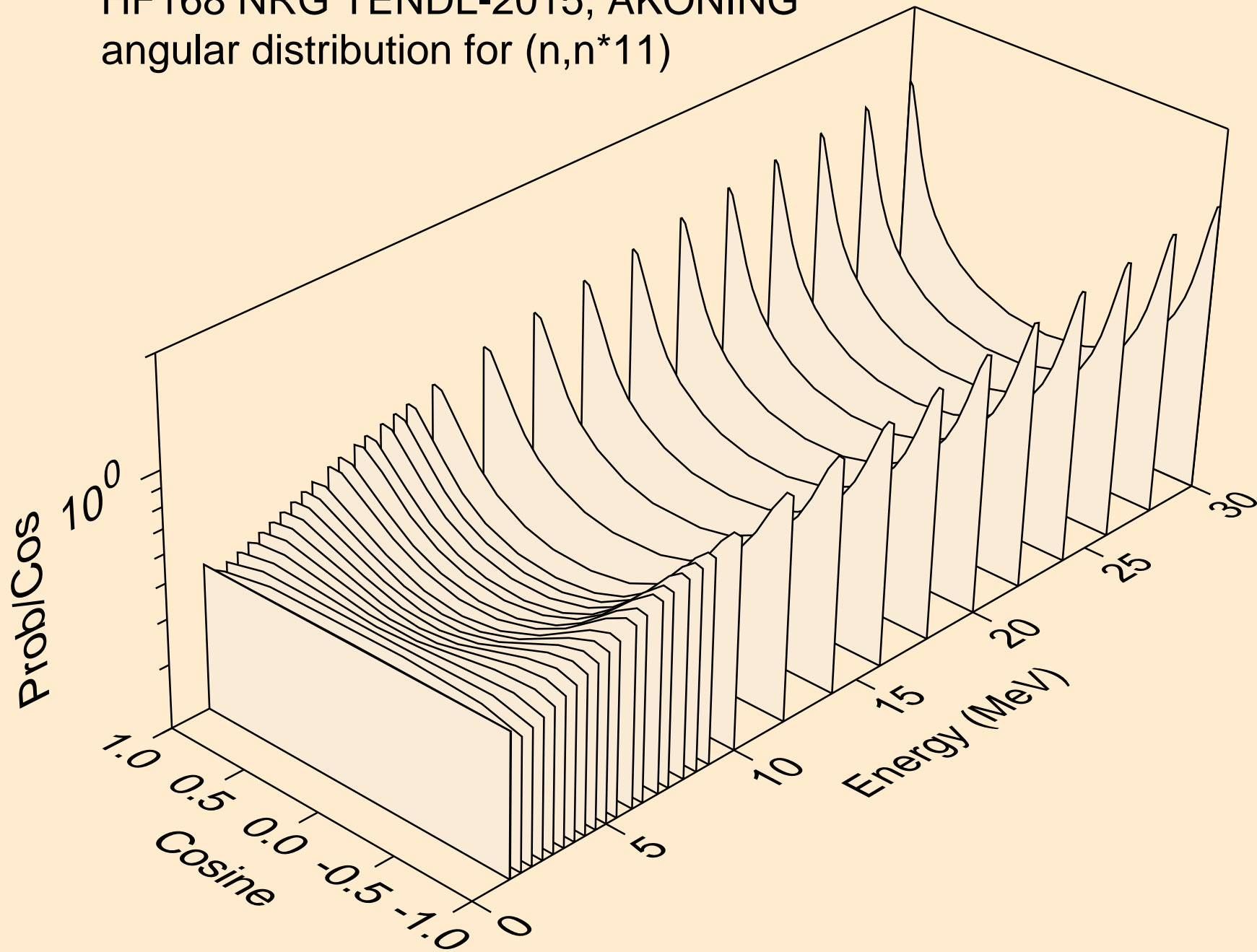
HF168 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



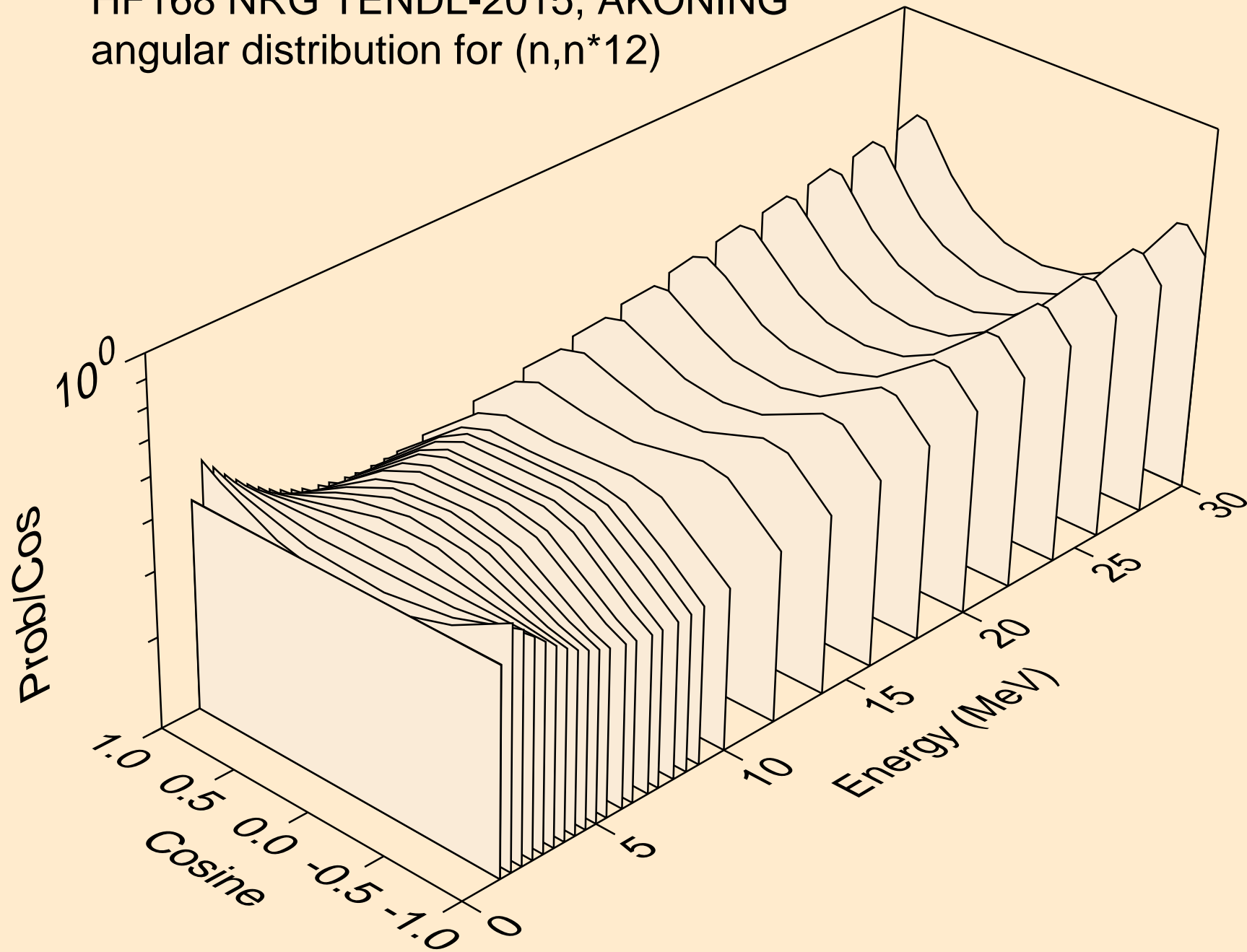
HF168 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



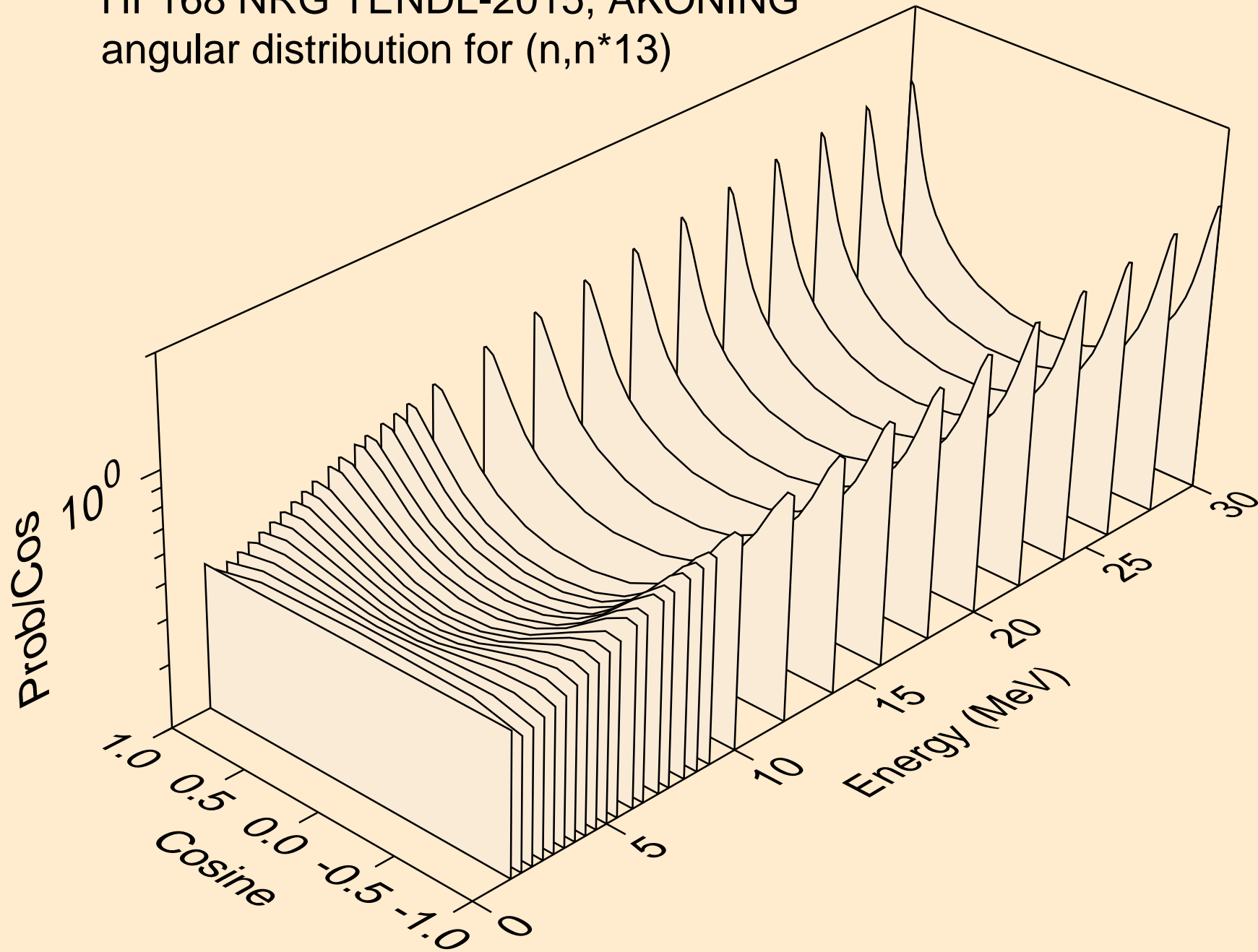
HF168 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



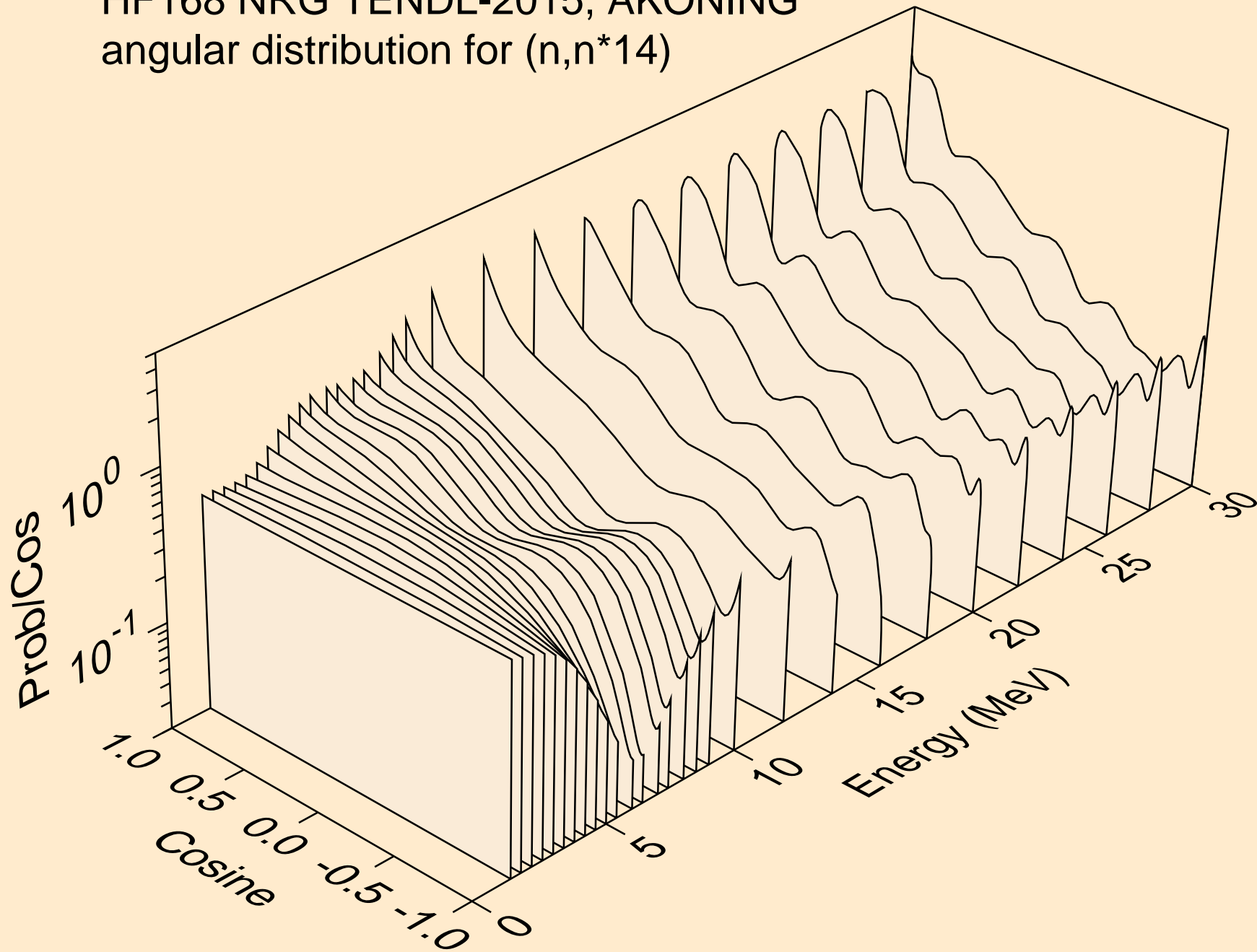
HF168 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



HF168 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

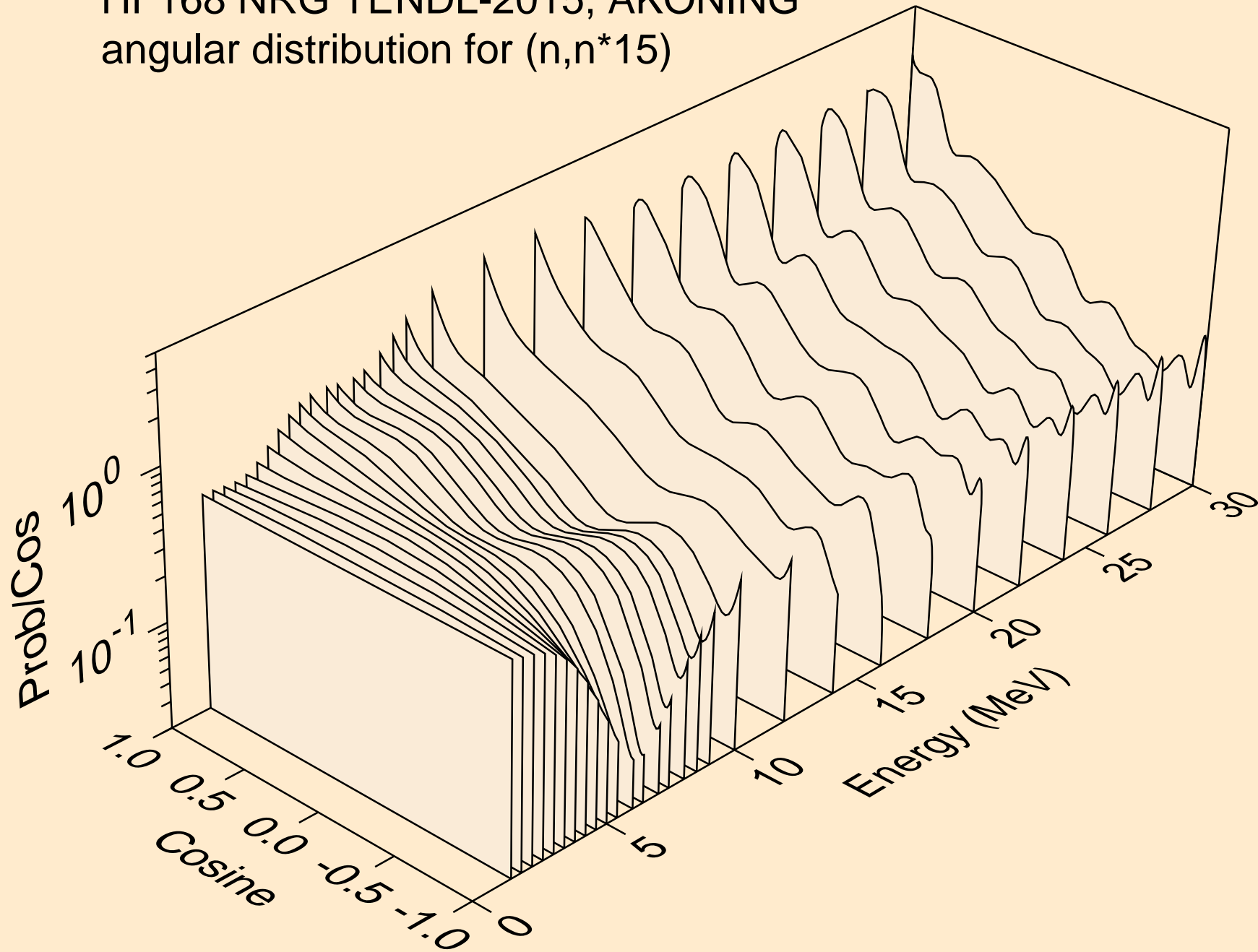


HF168 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

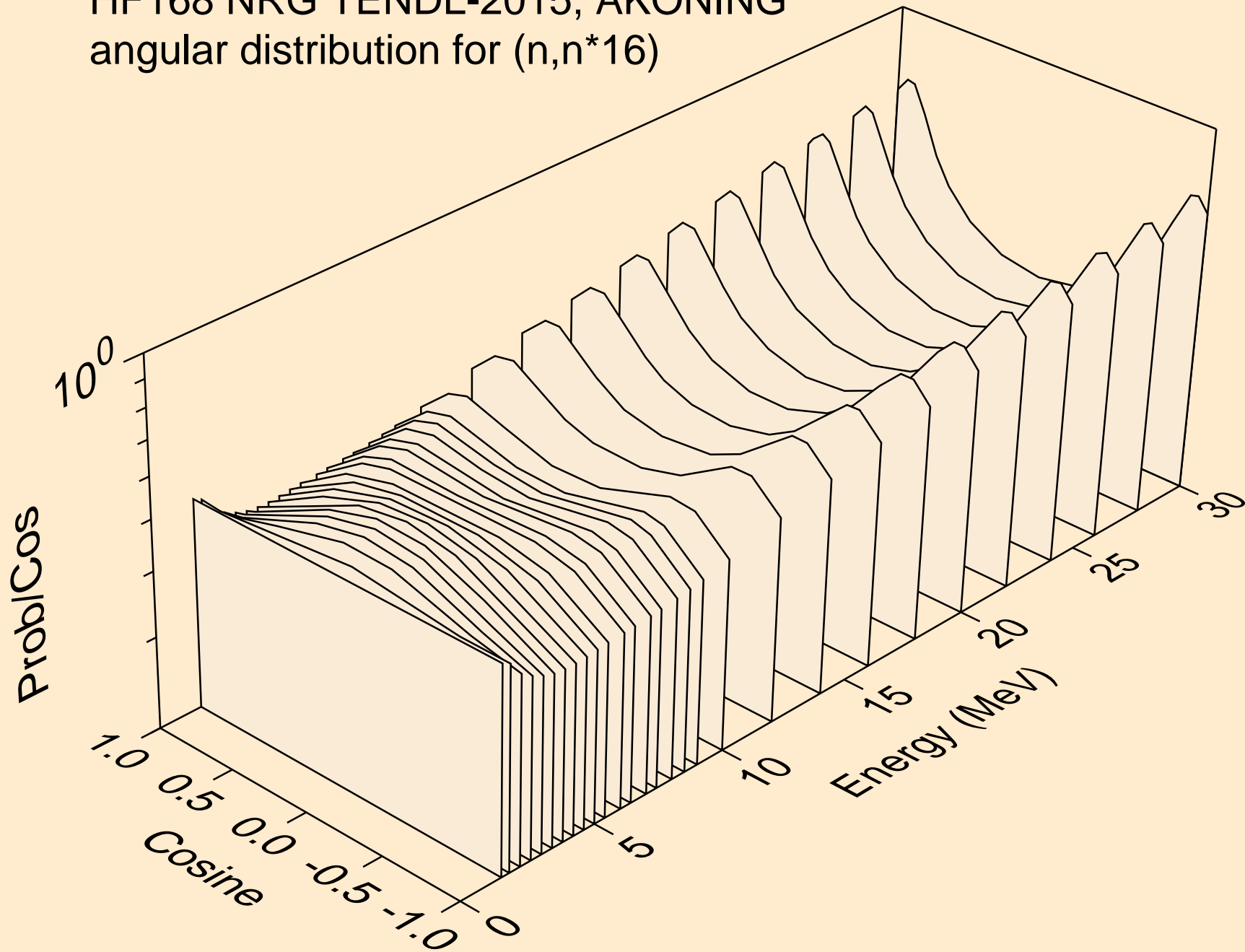




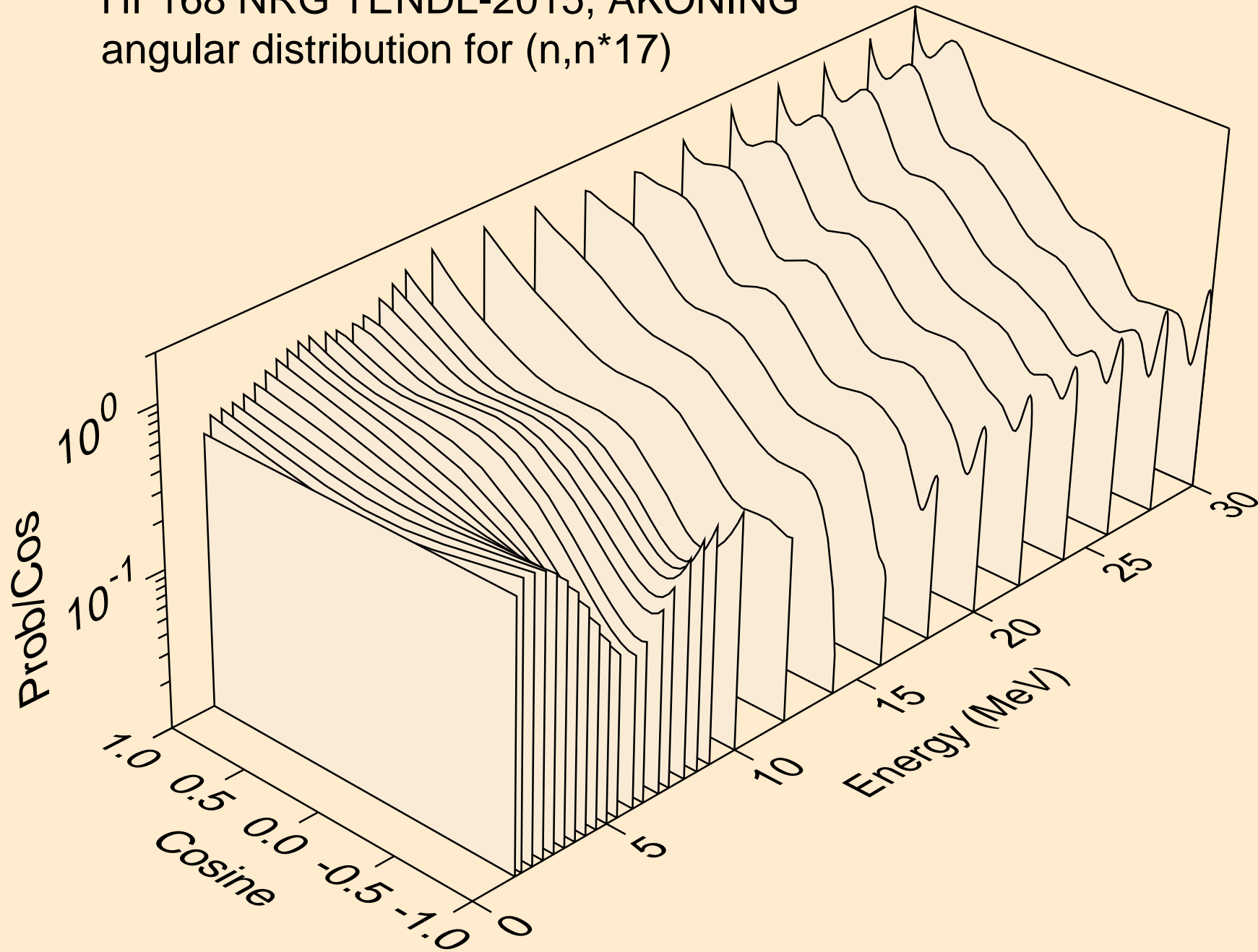
HF168 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



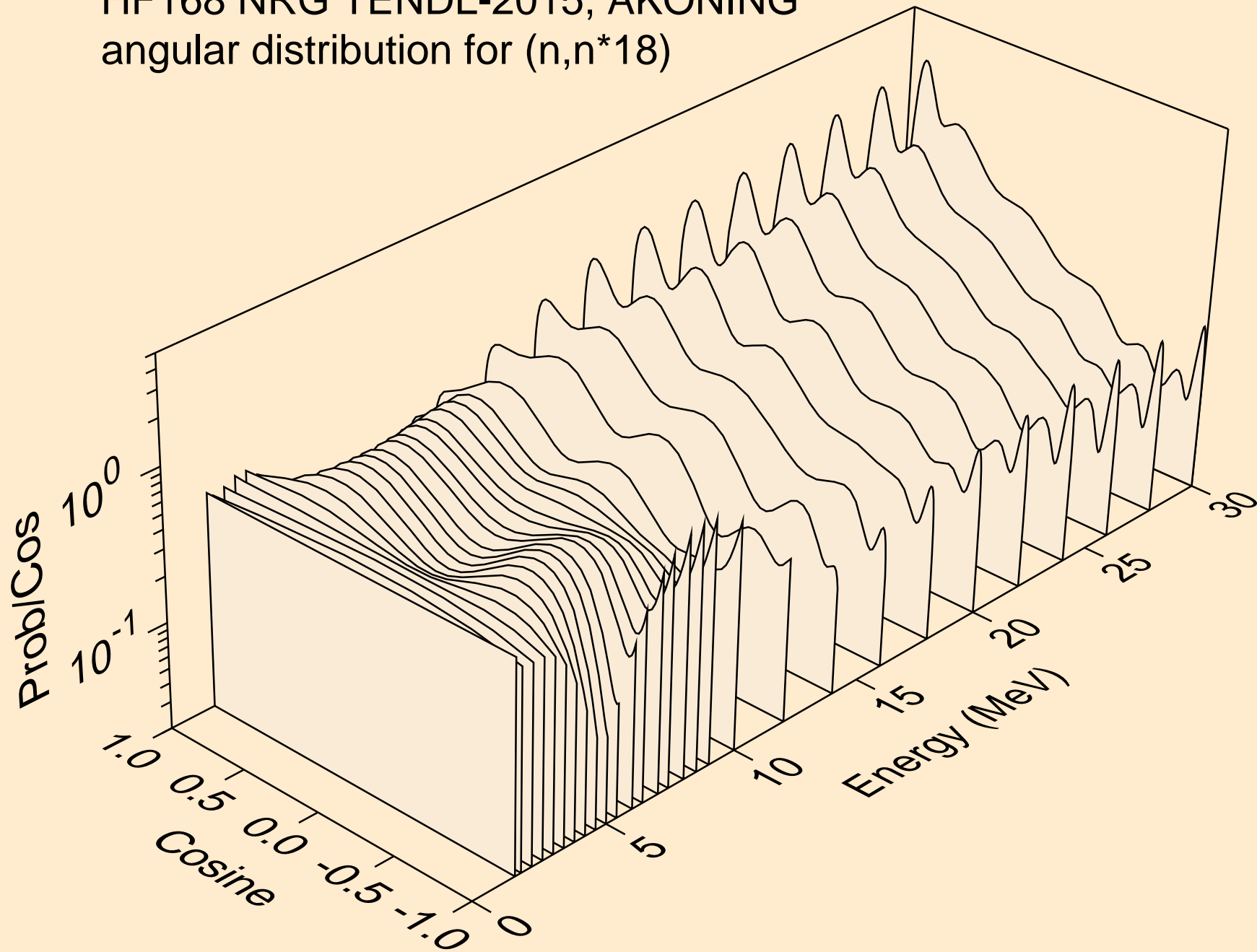
HF168 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



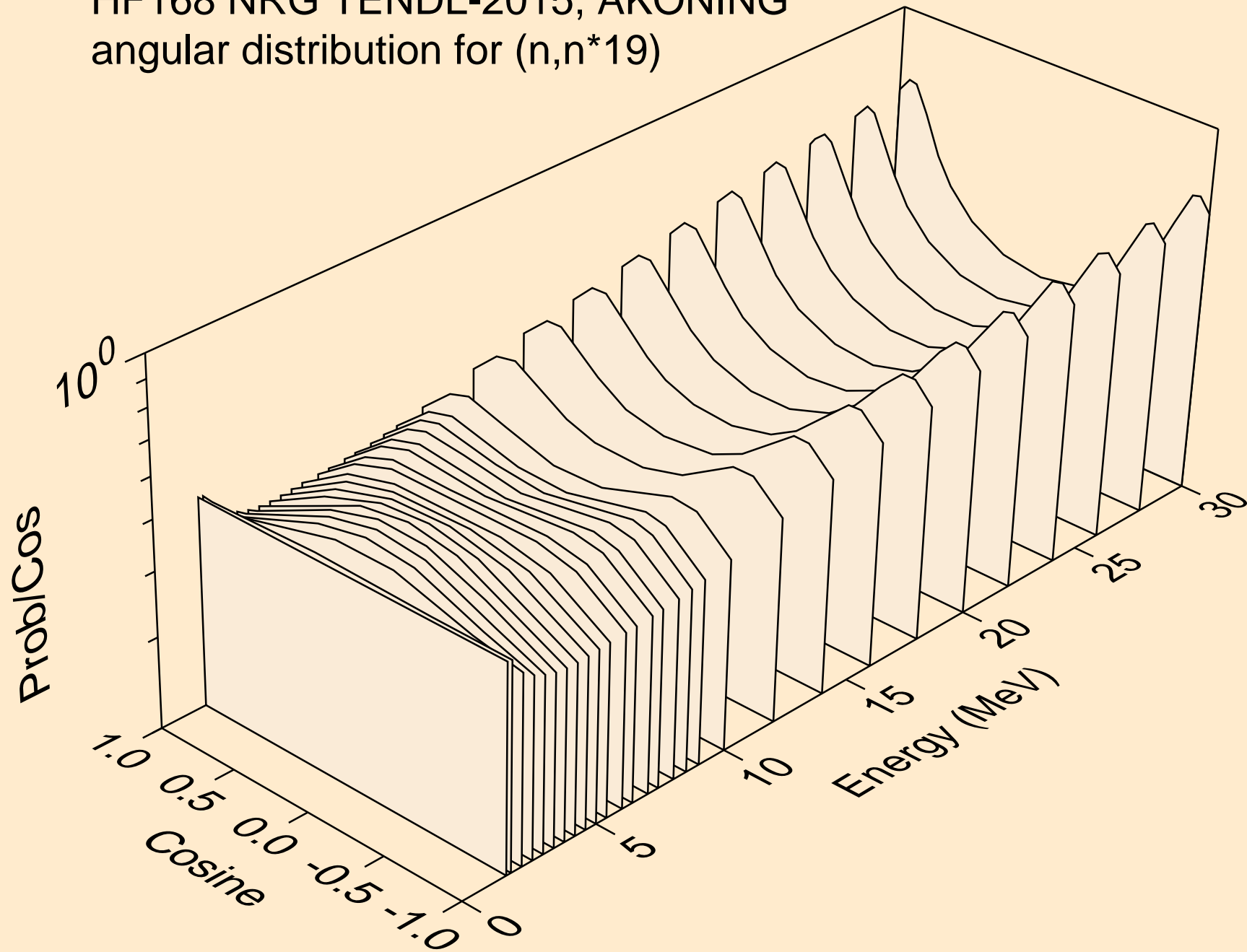
HF168 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



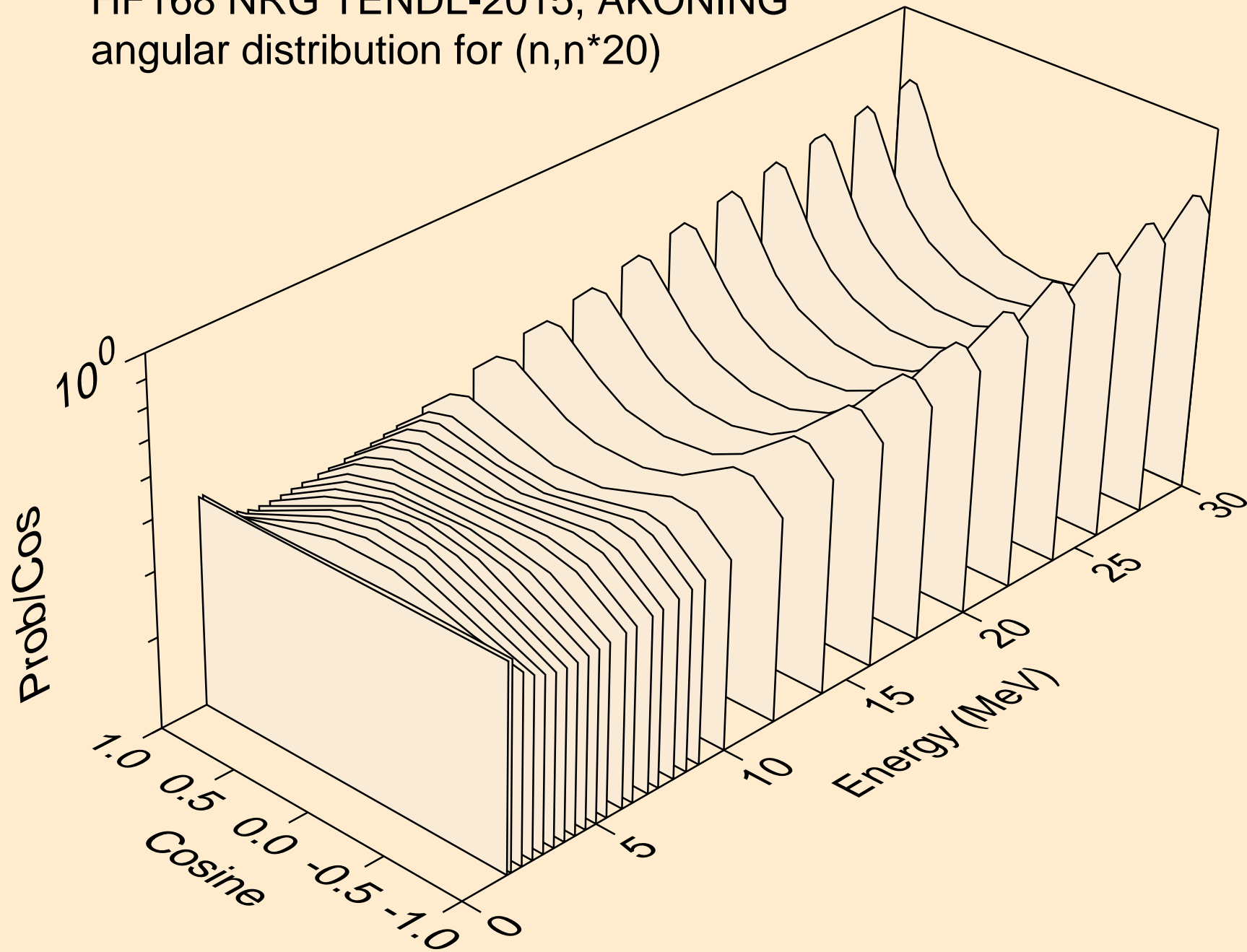
HF168 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



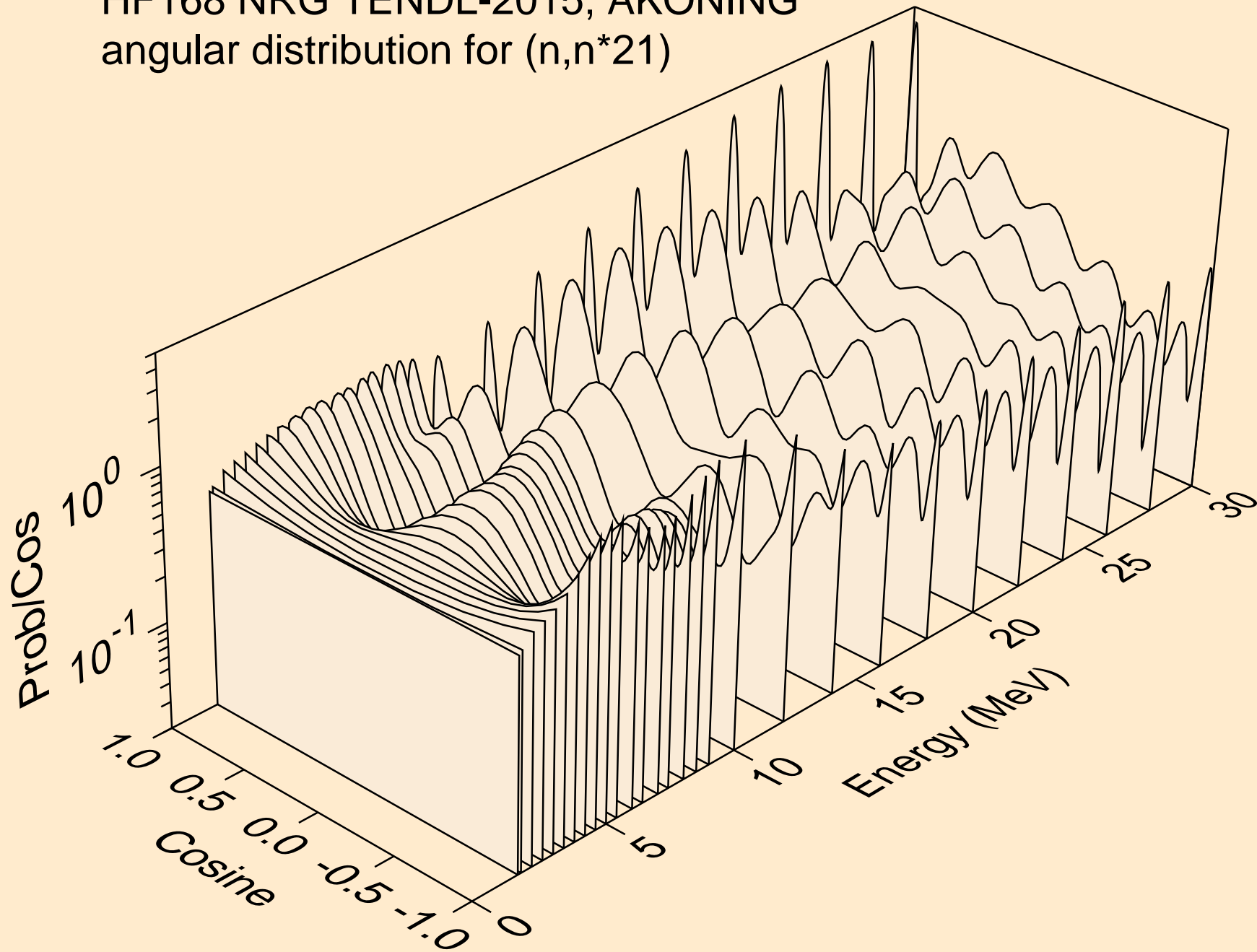
HF168 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



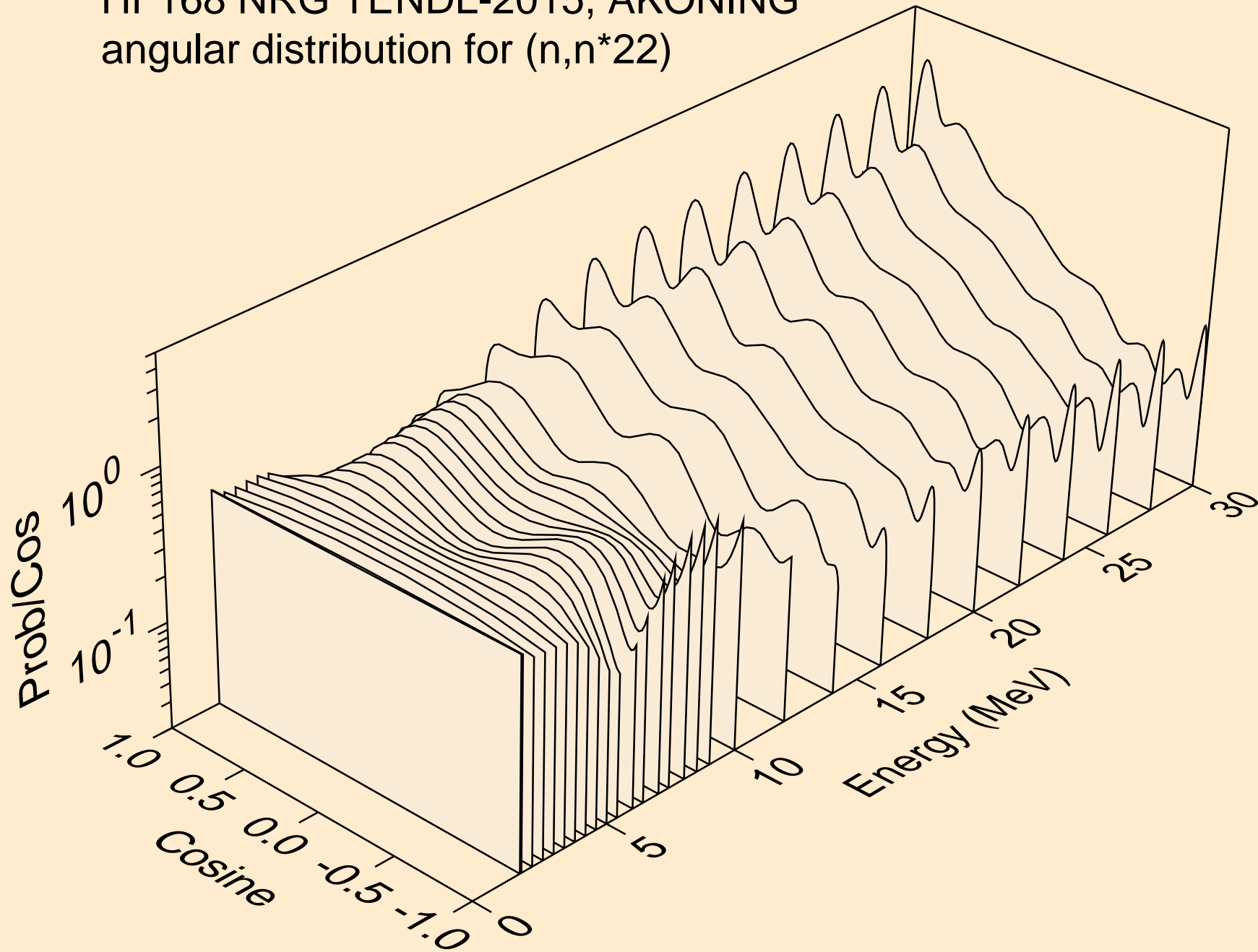
HF168 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



HF168 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

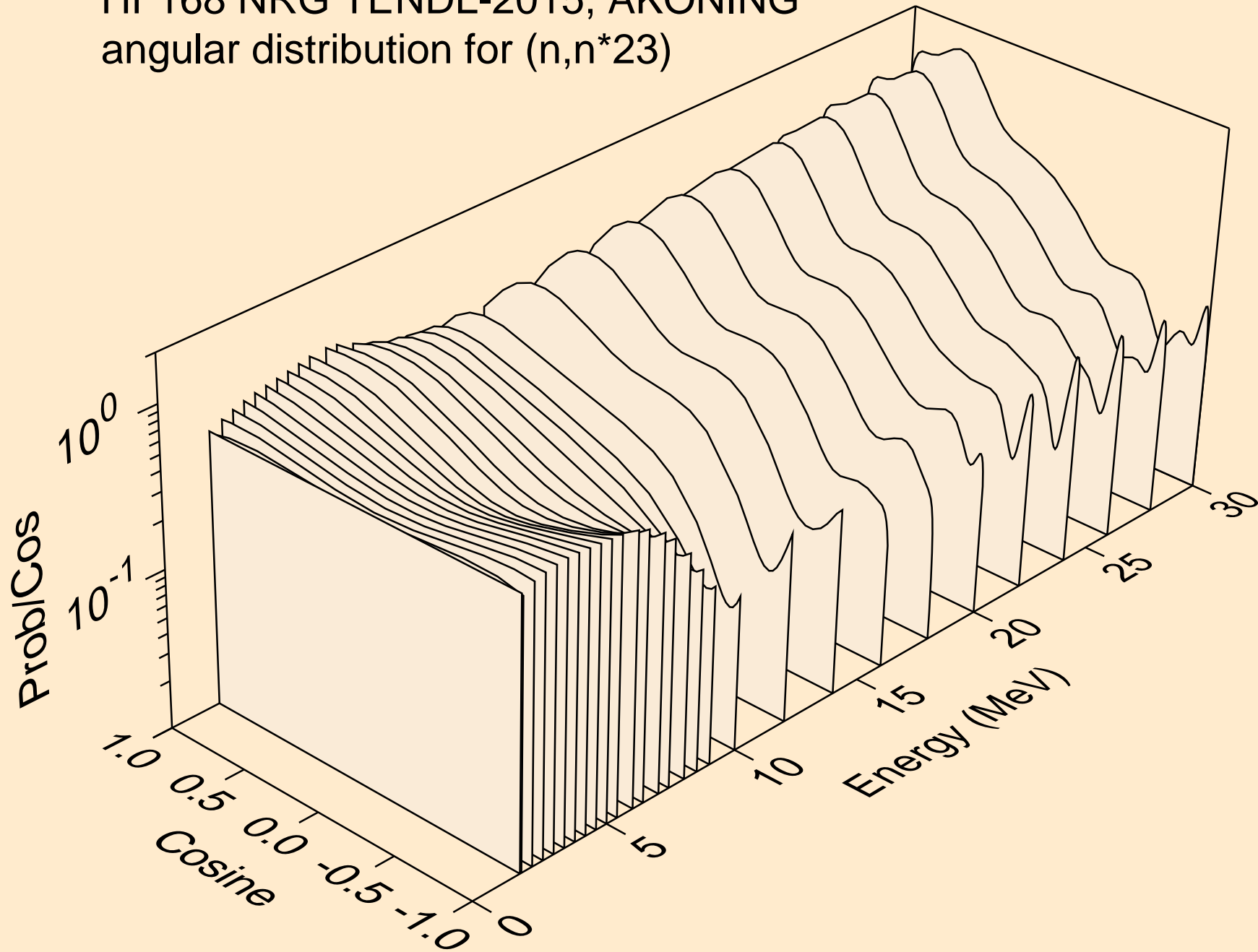


HF168 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

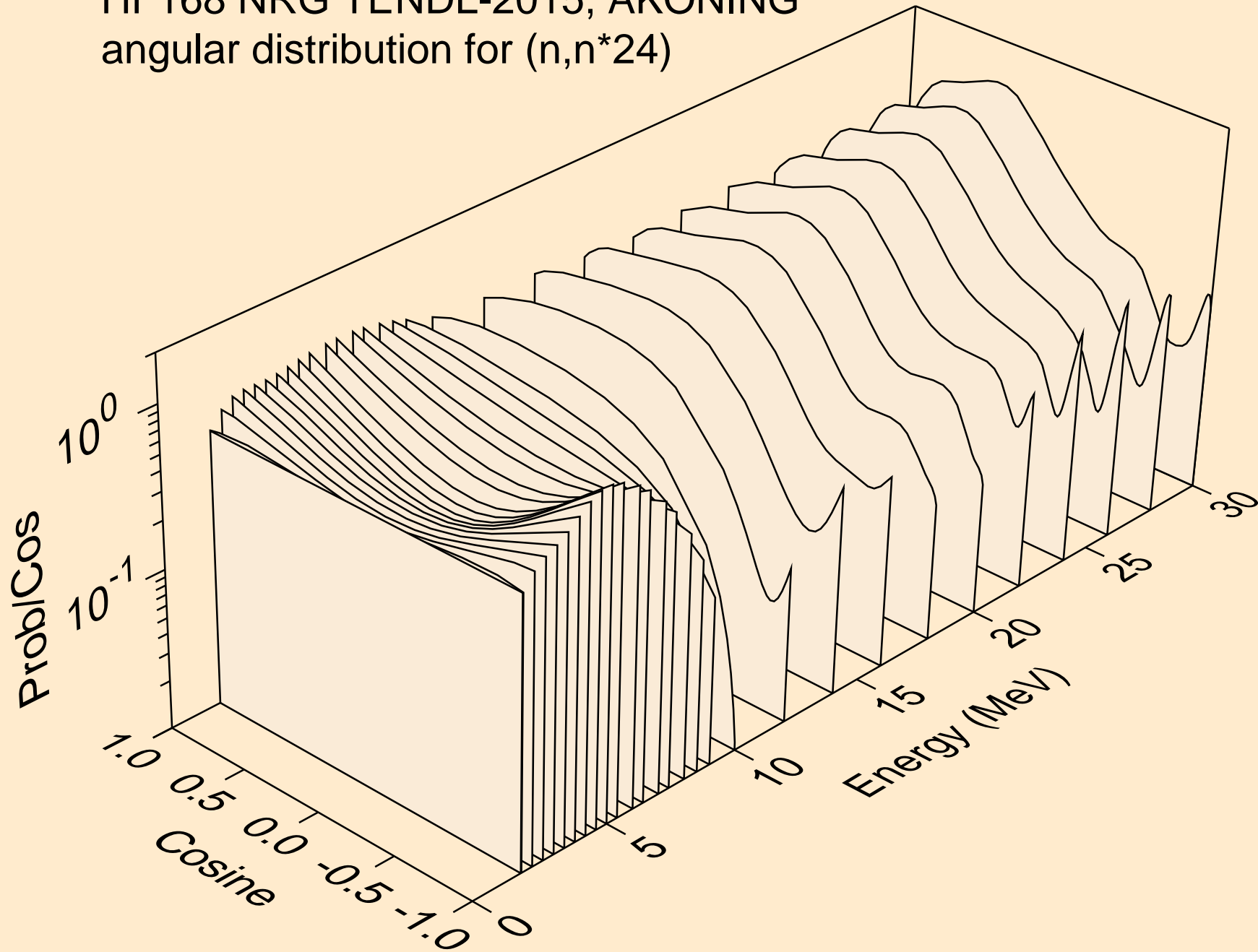




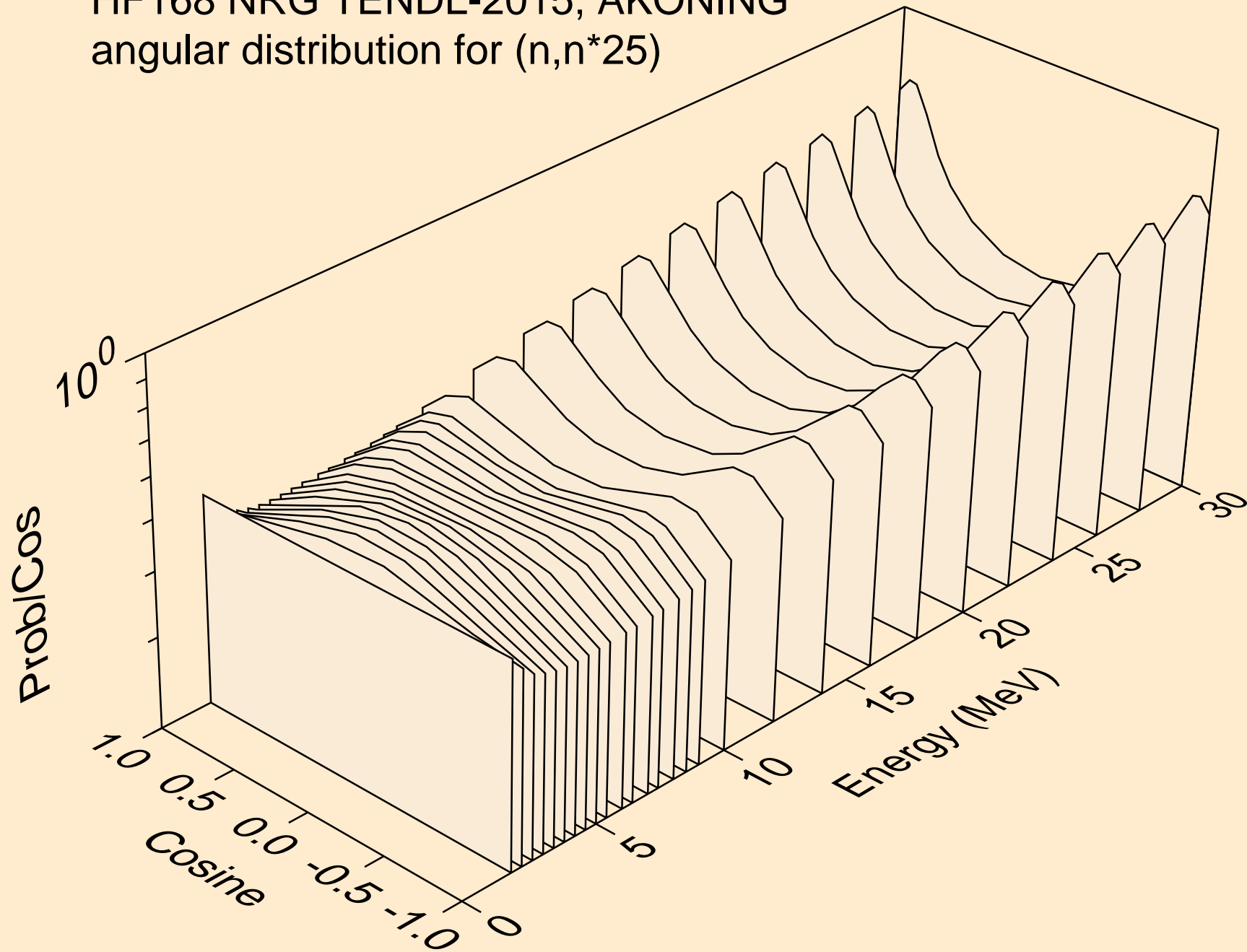
HF168 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



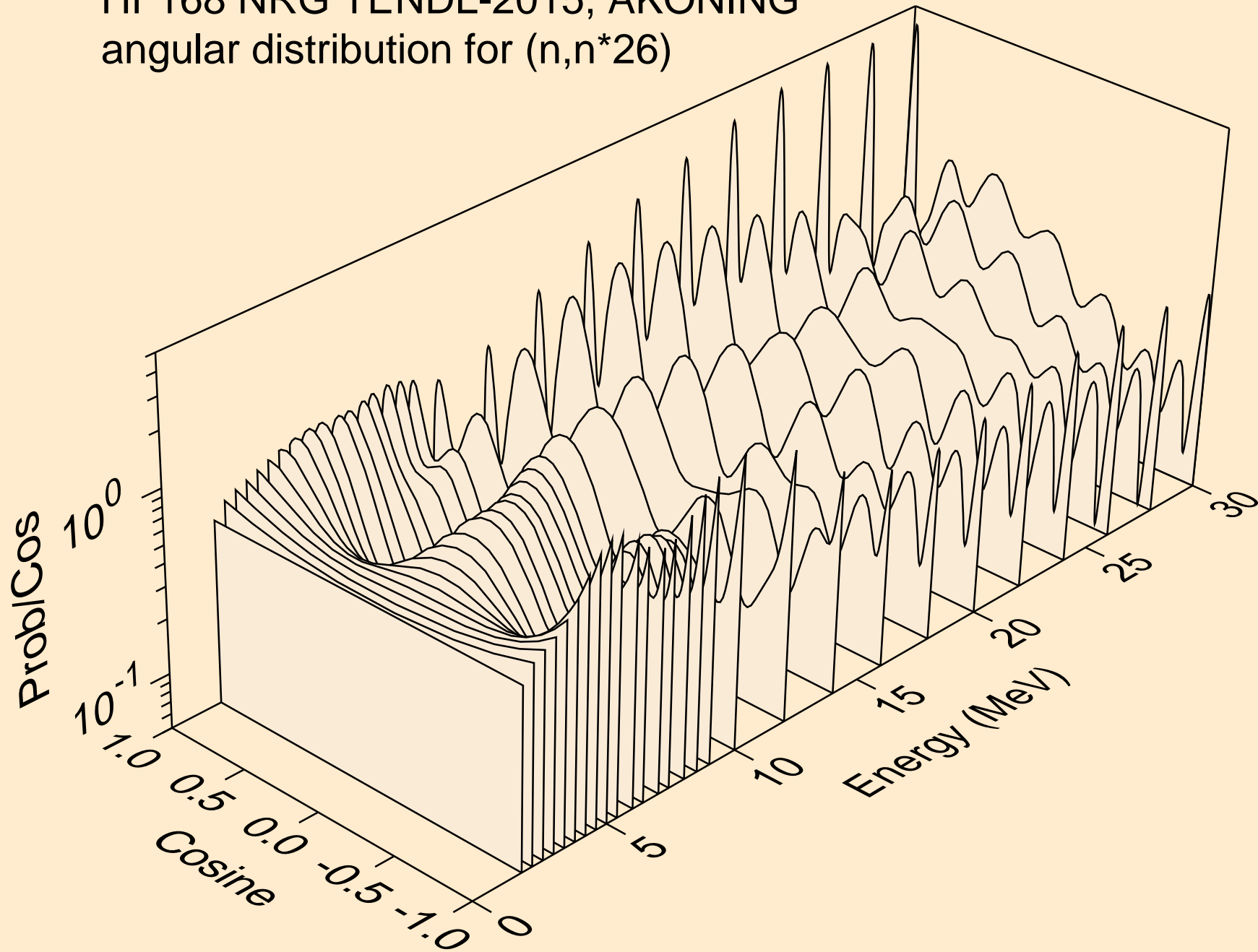
HF168 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



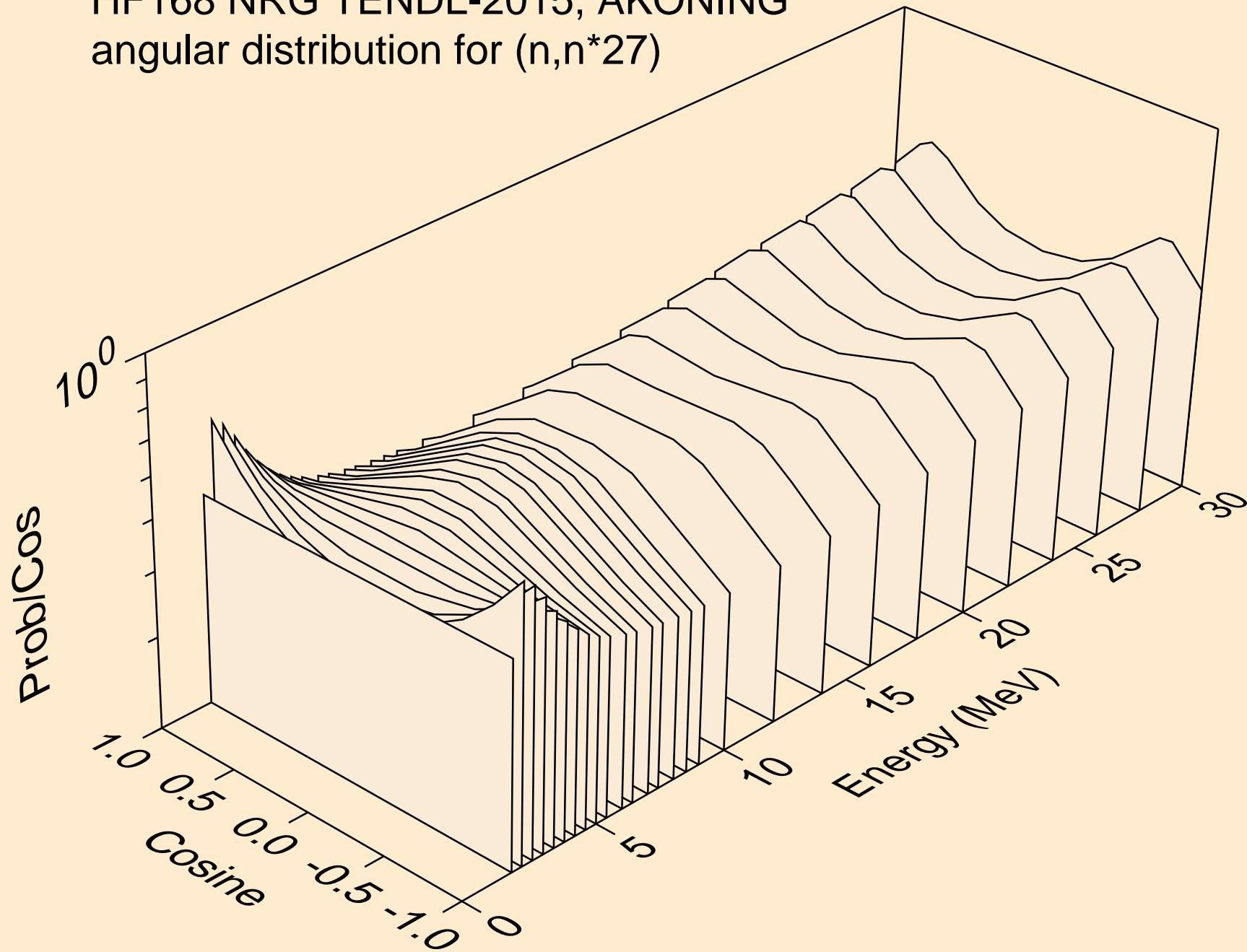
HF168 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



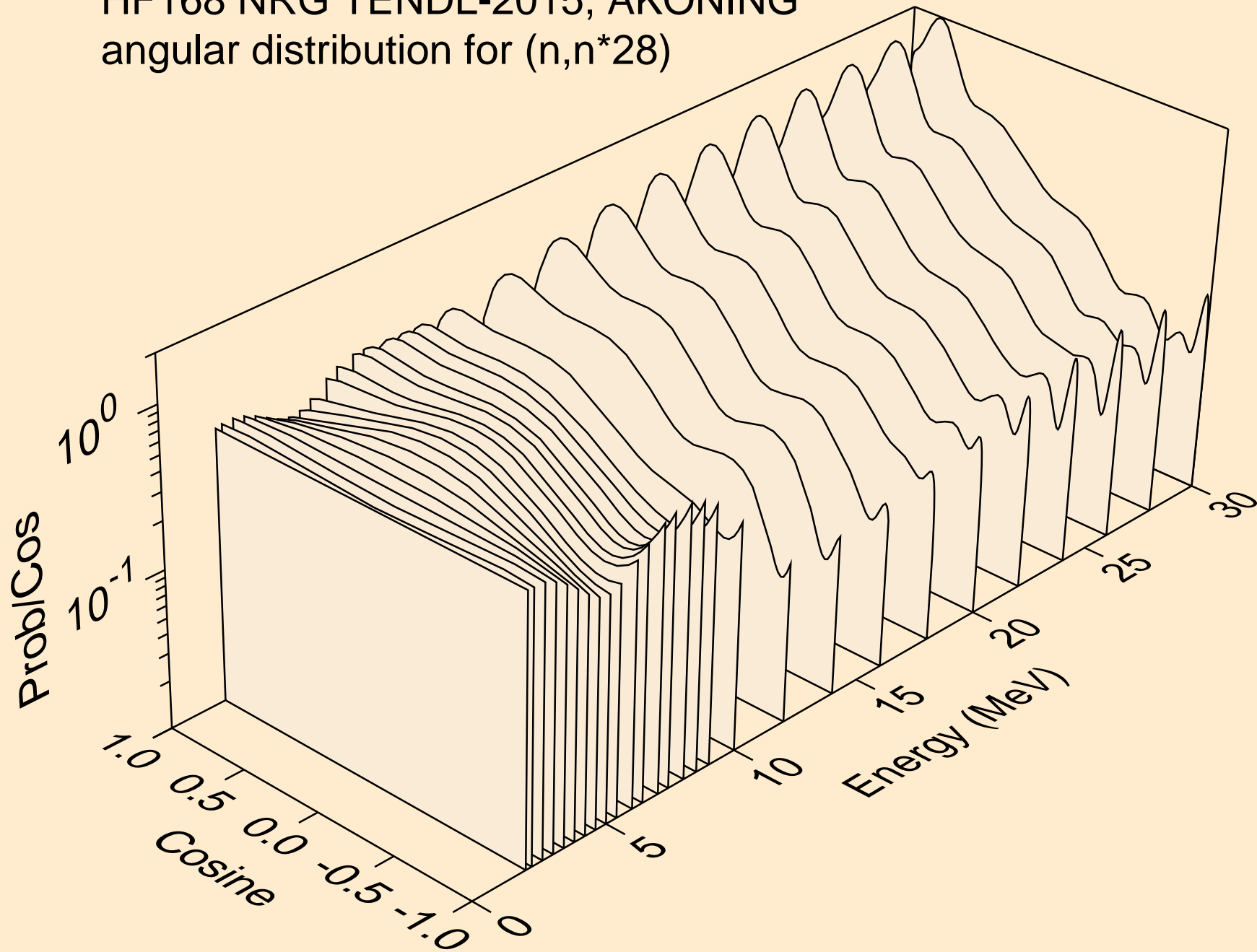
HF168 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



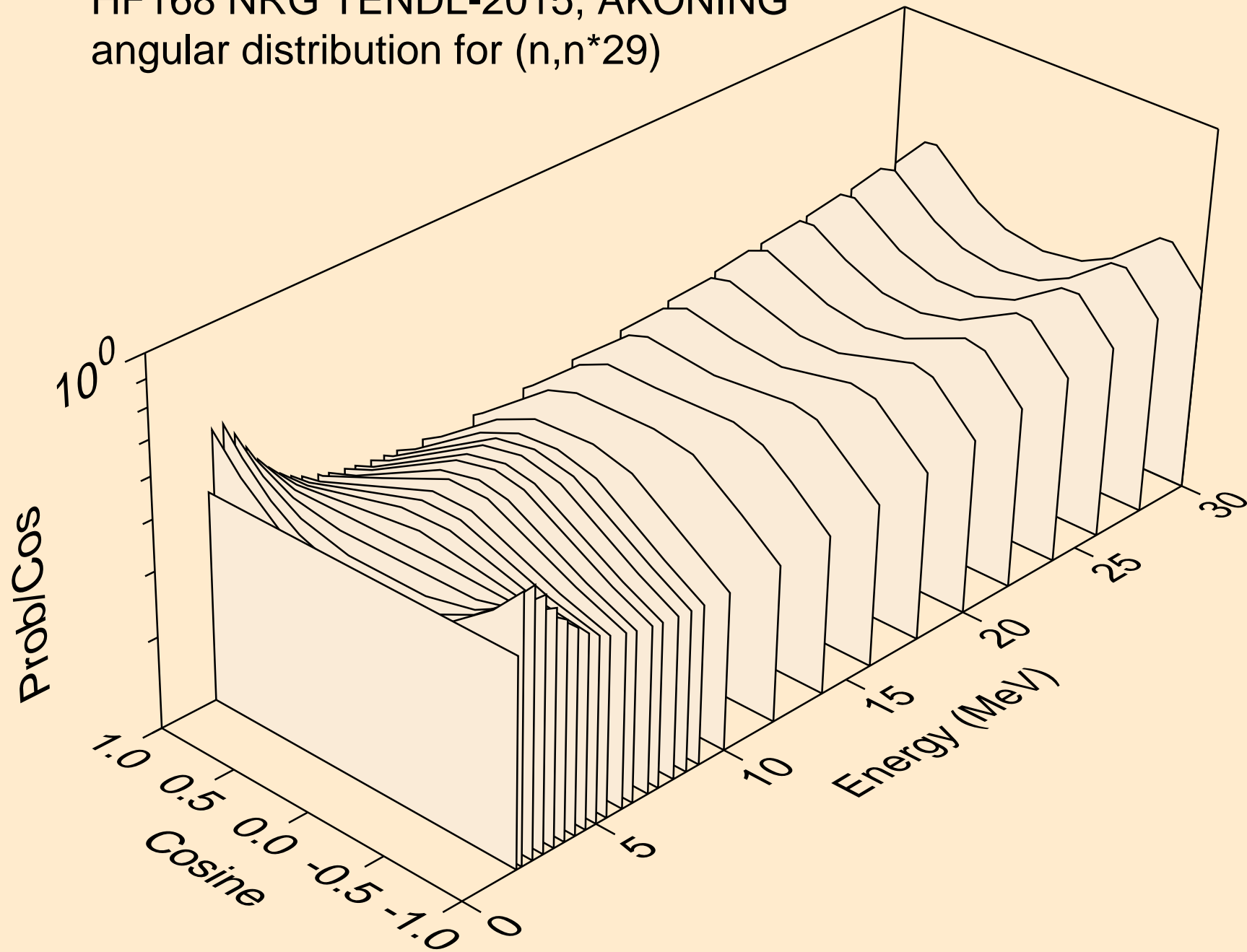
HF168 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



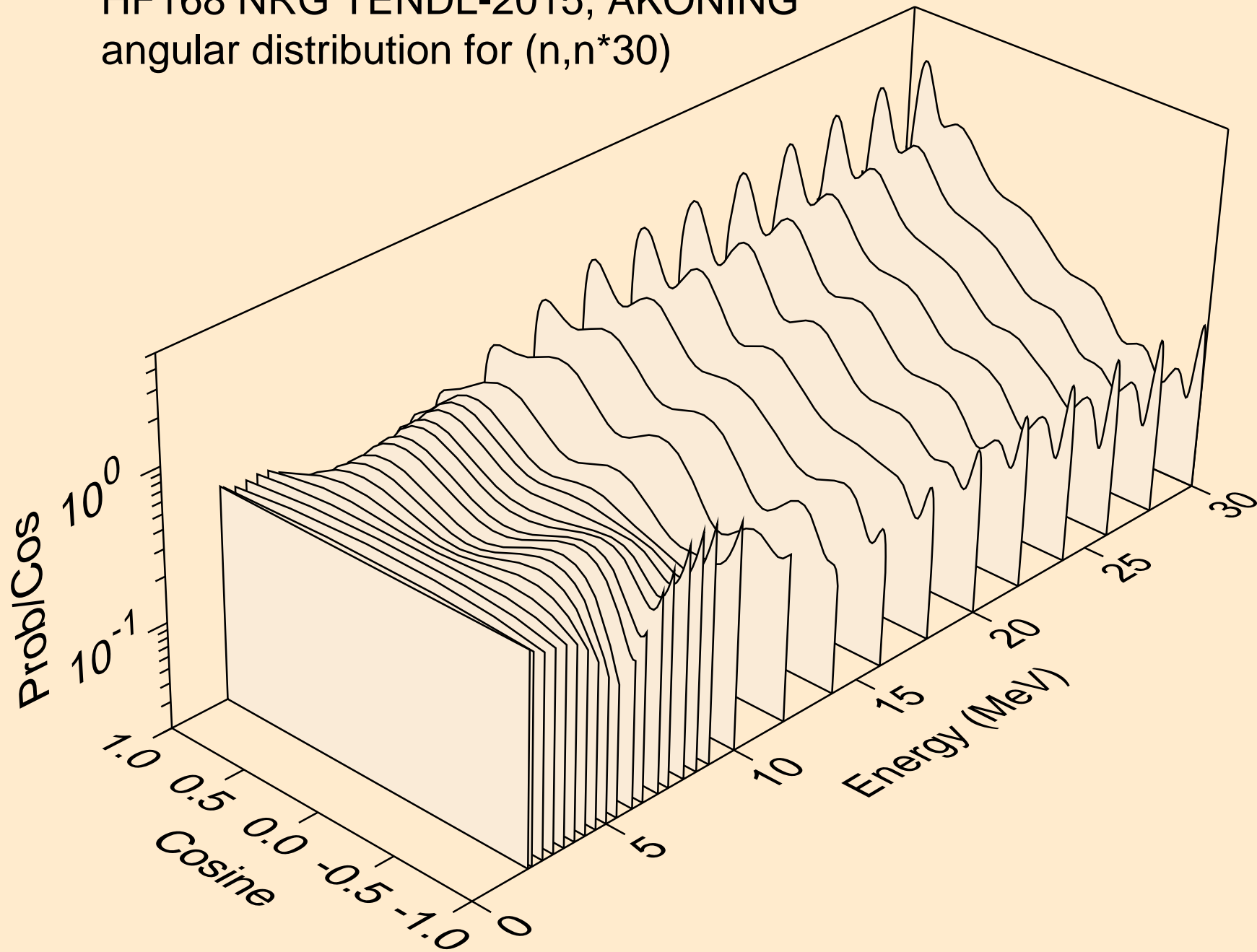
HF168 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



HF168 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

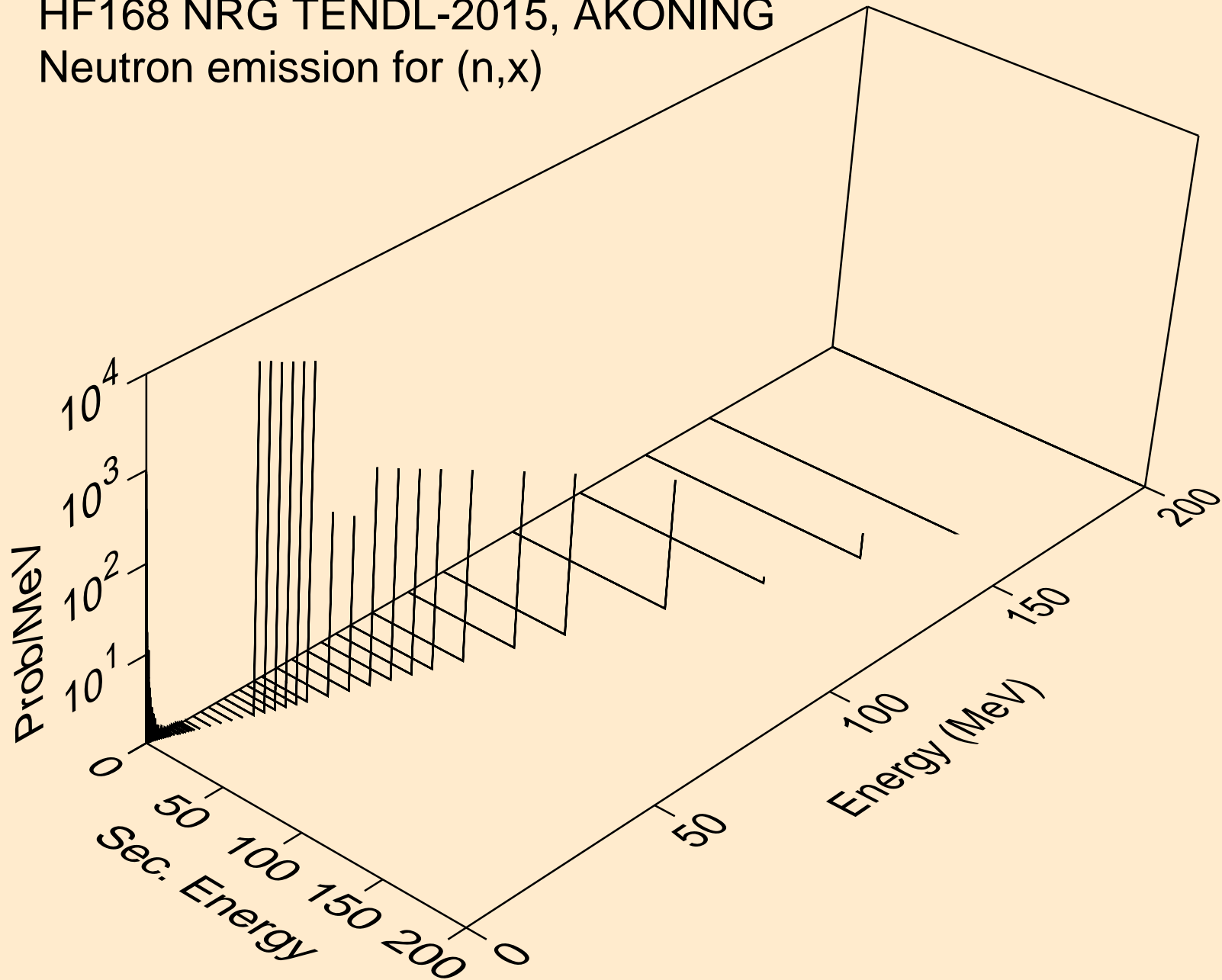


HF168 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

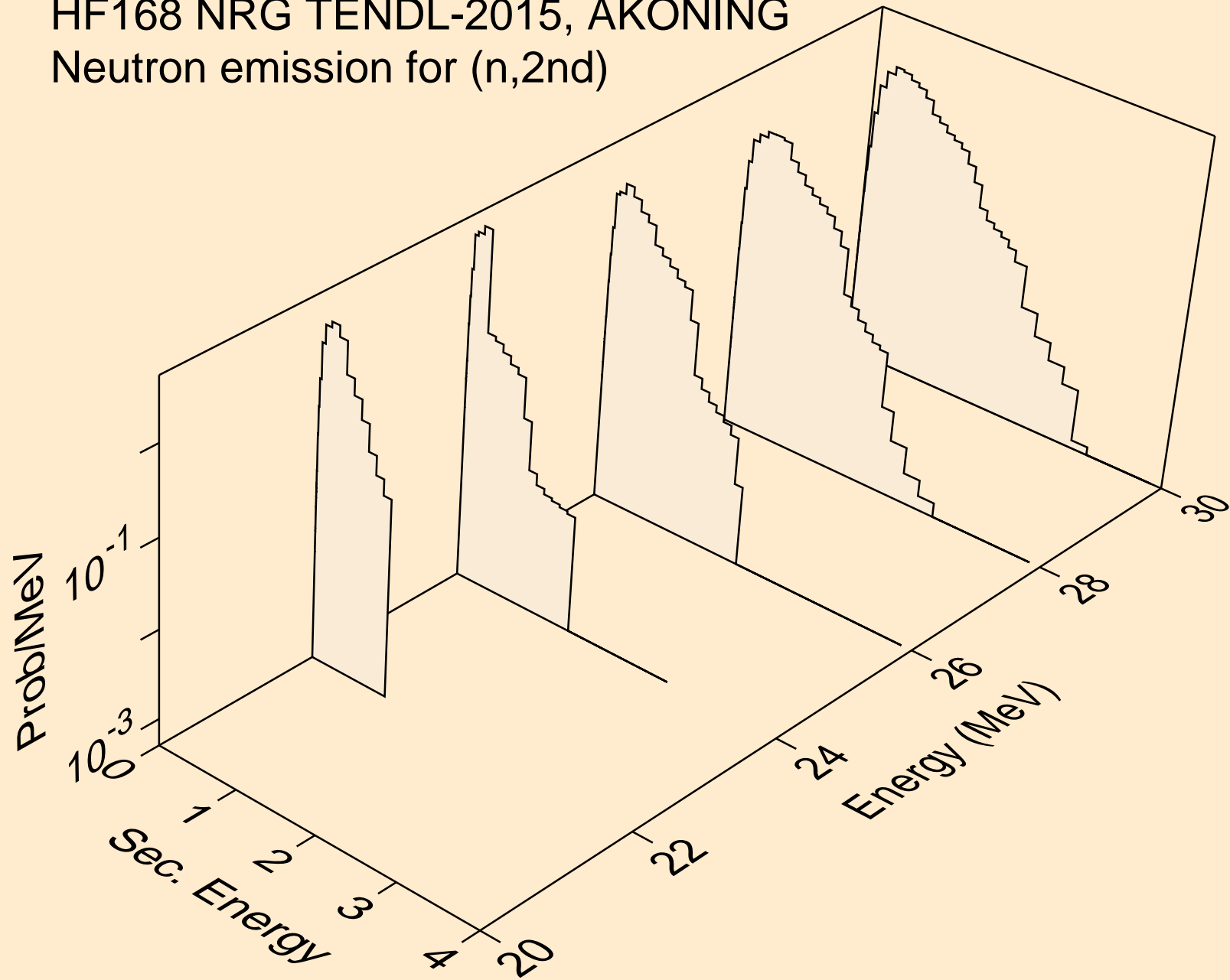




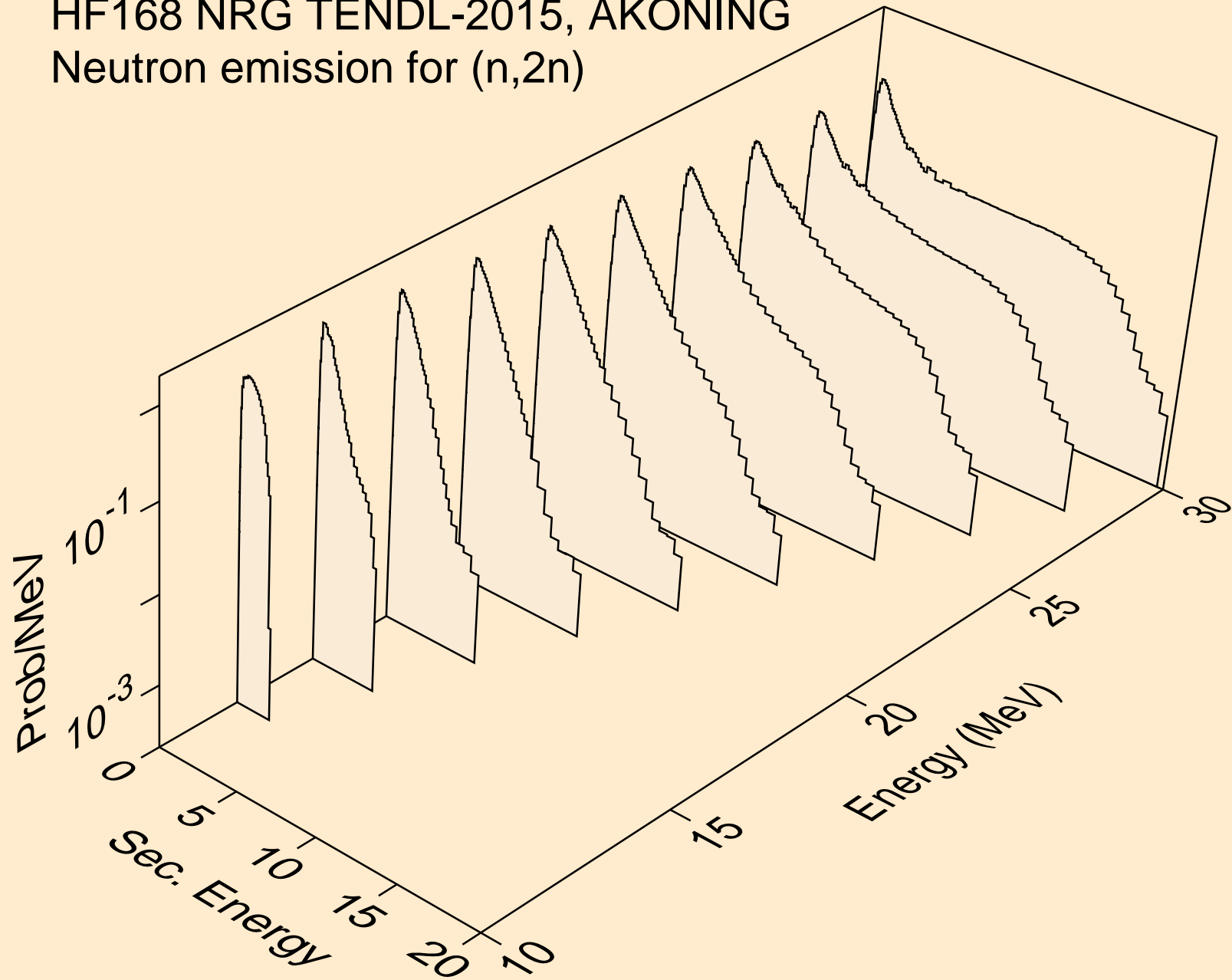
HF168 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



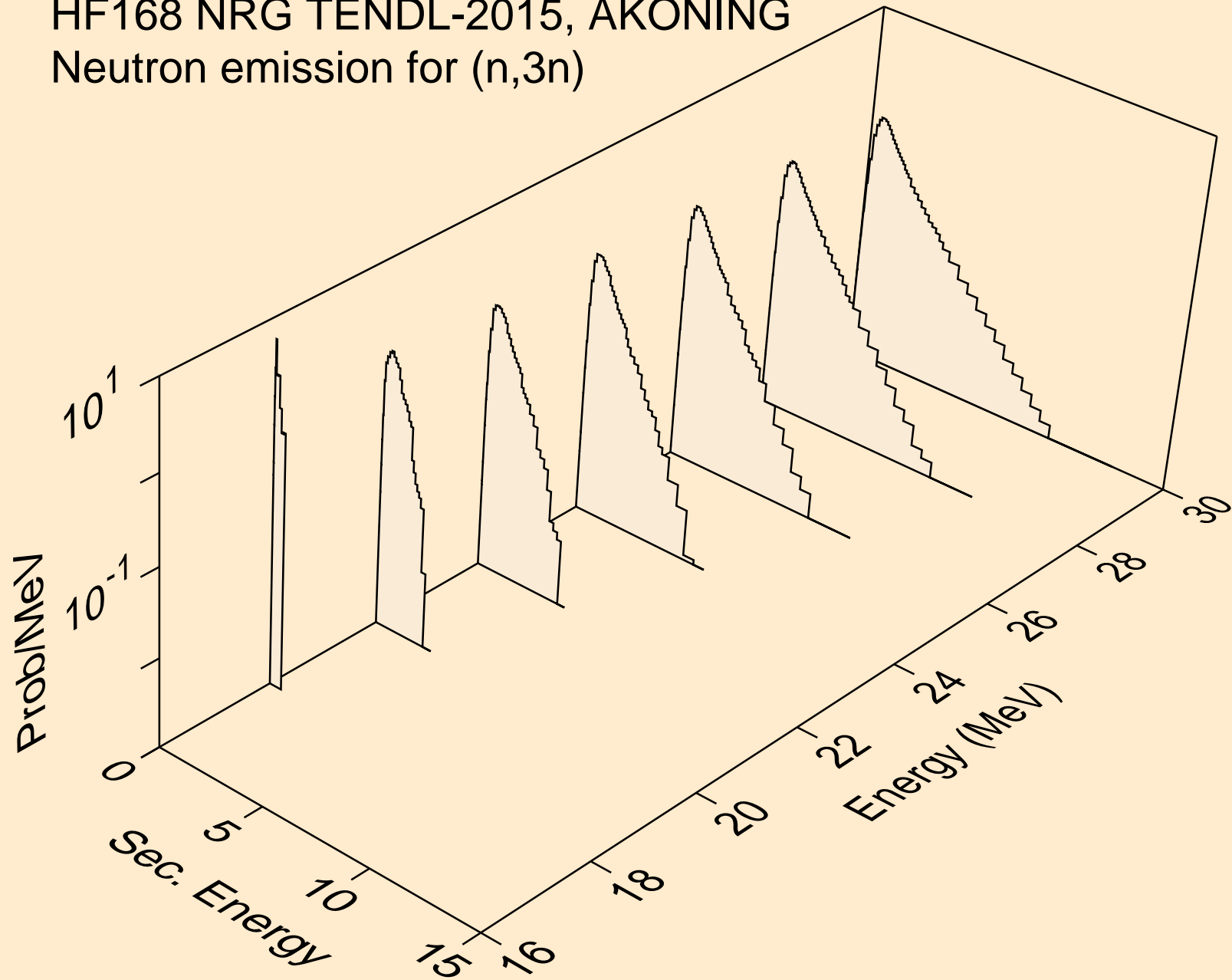
HF168 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



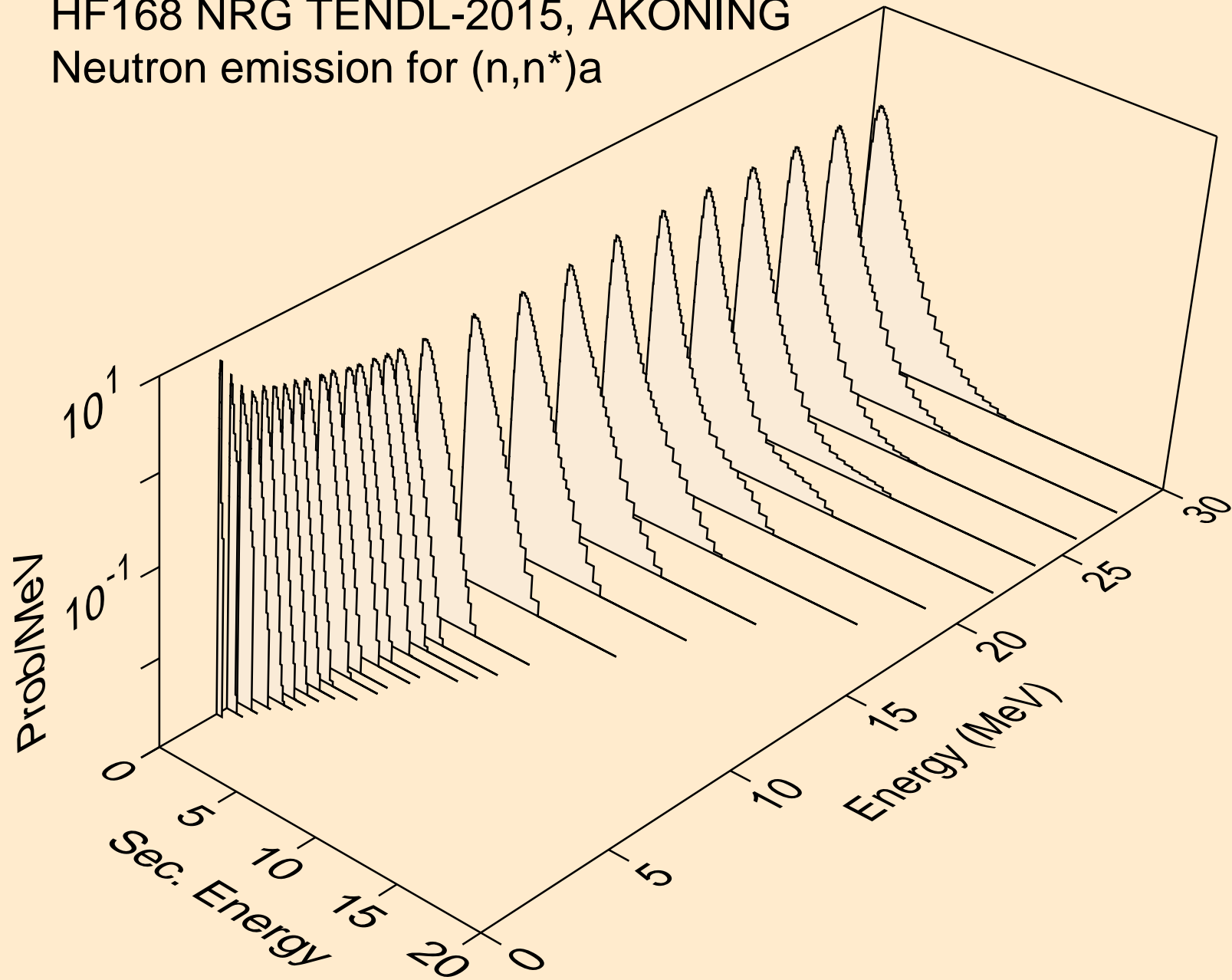
HF168 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



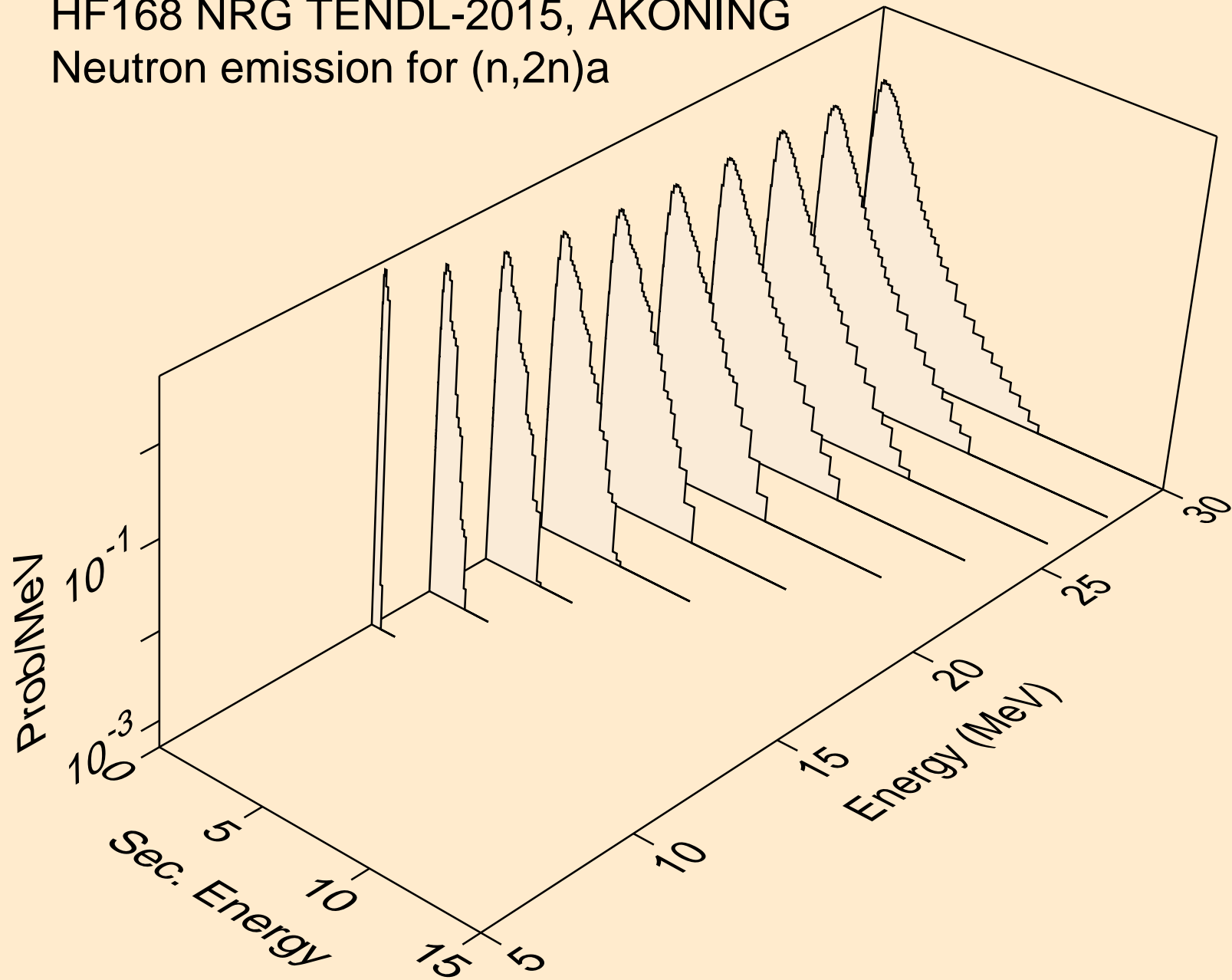
HF168 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



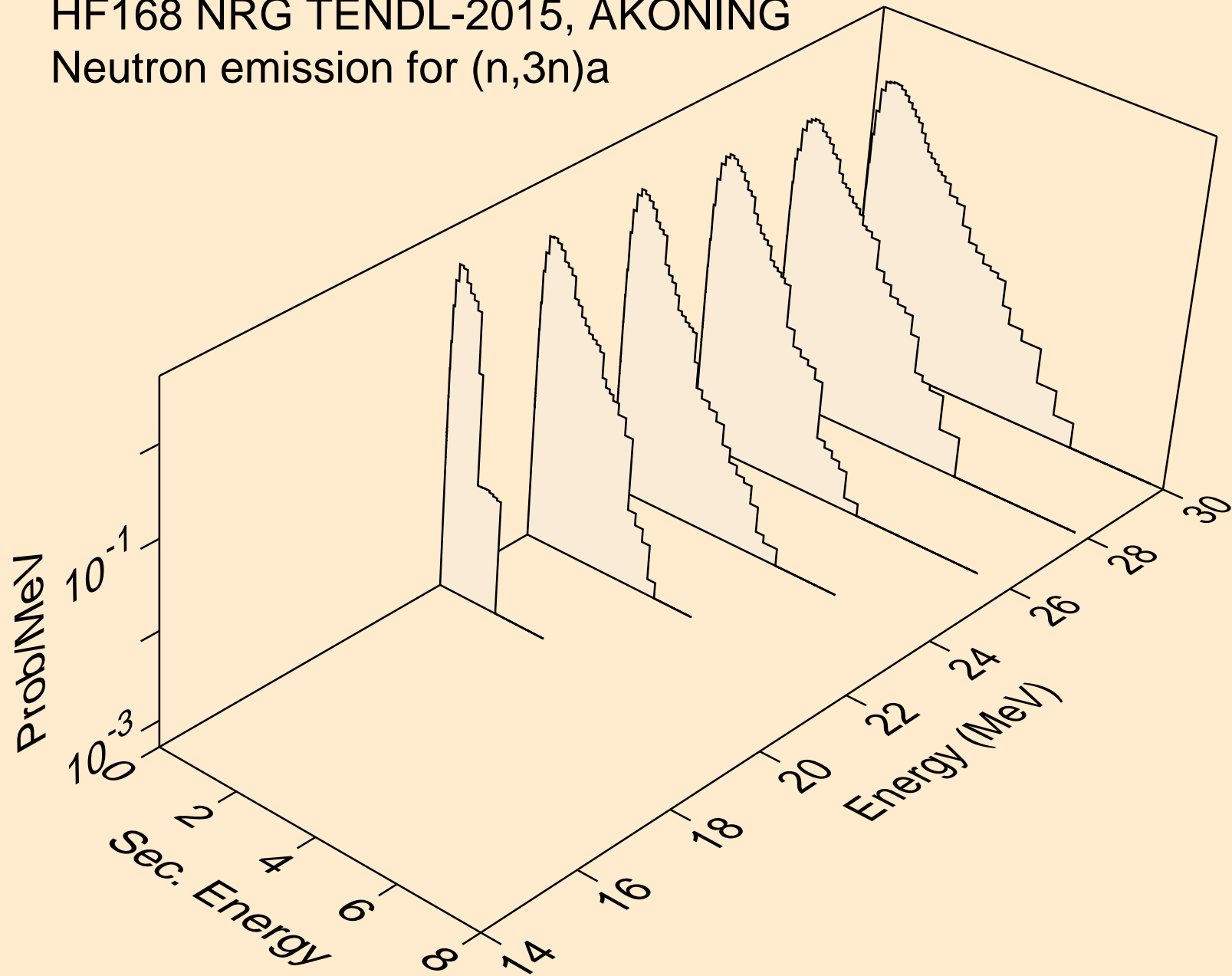
HF168 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



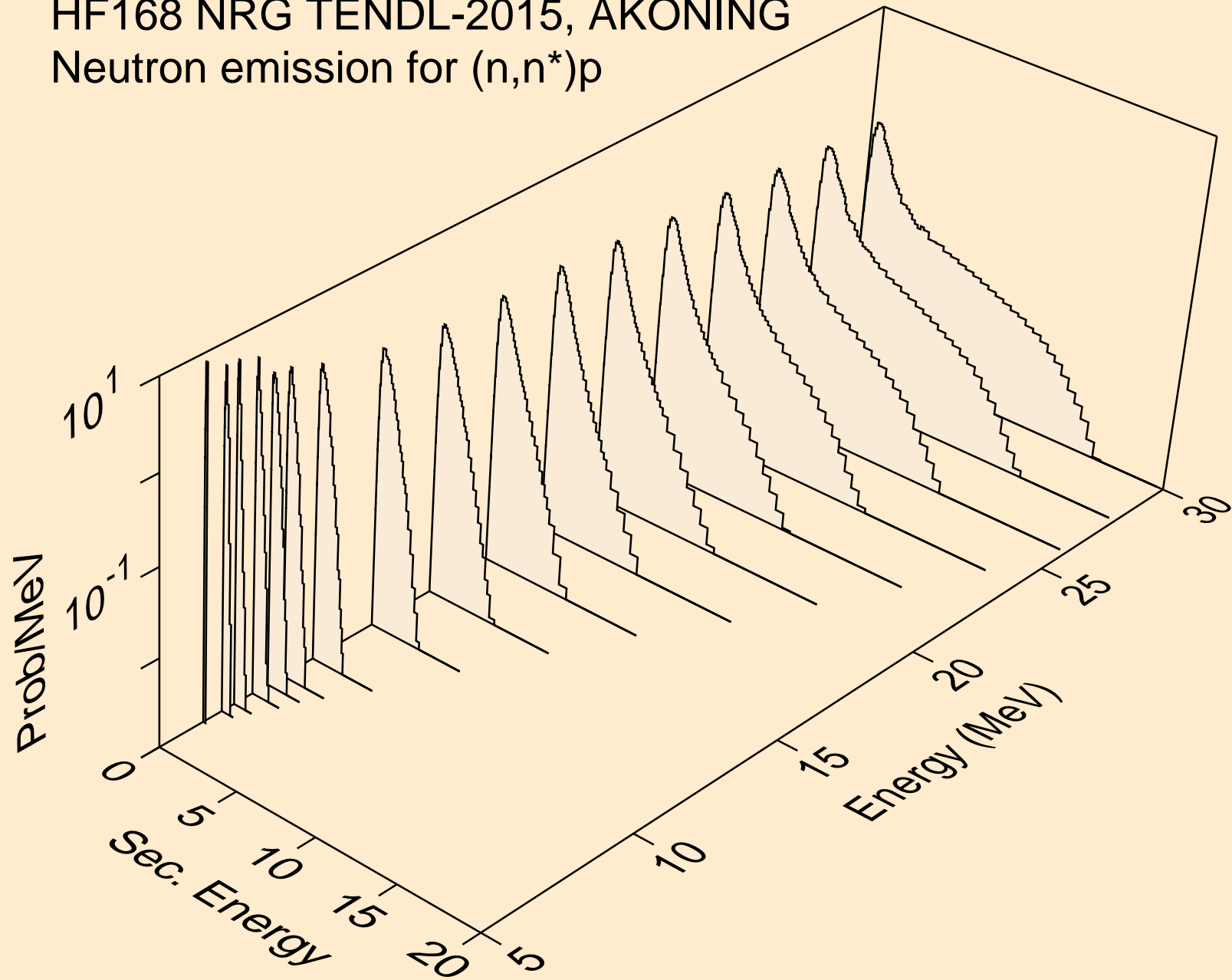
HF168 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



HF168 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

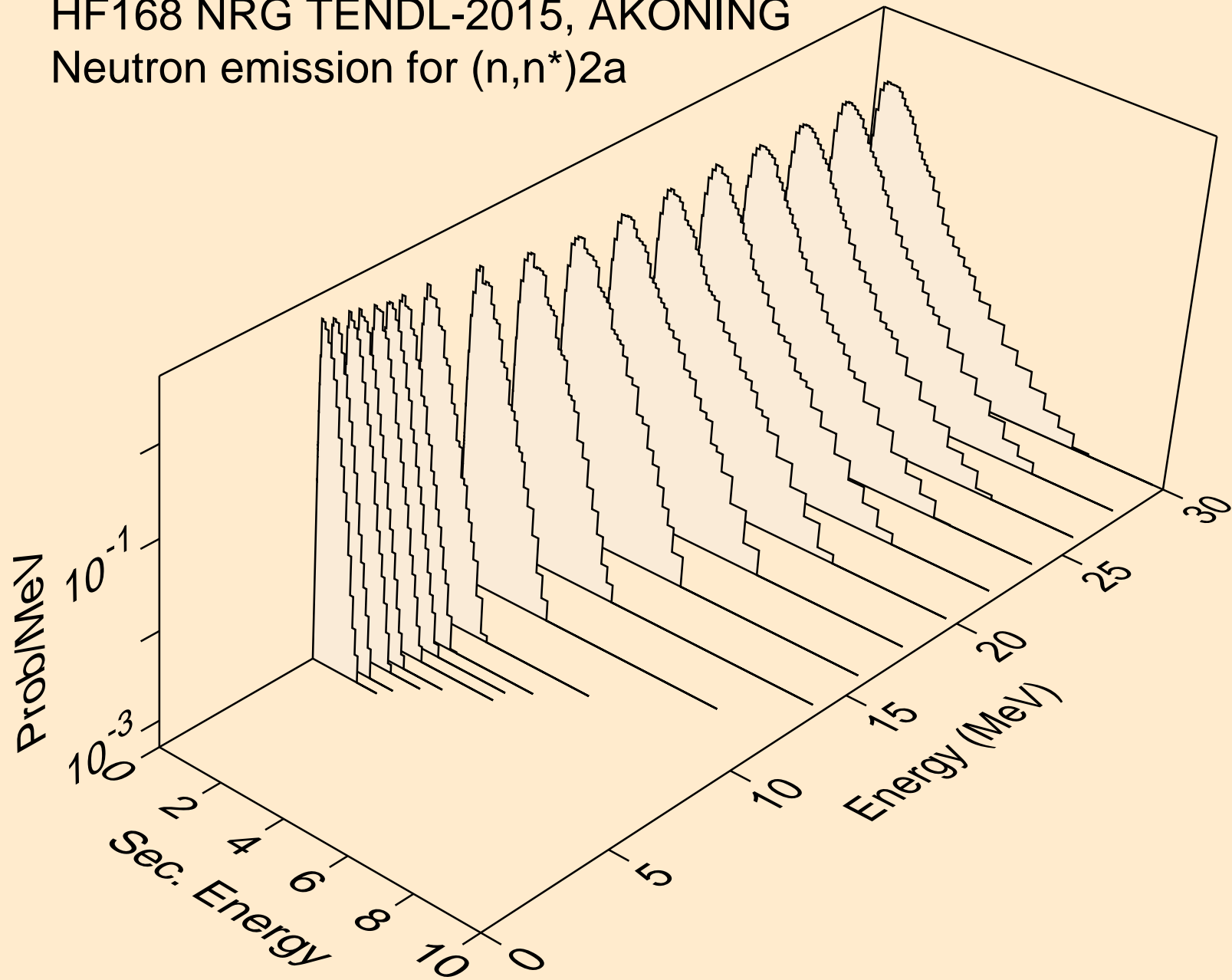


HF168 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

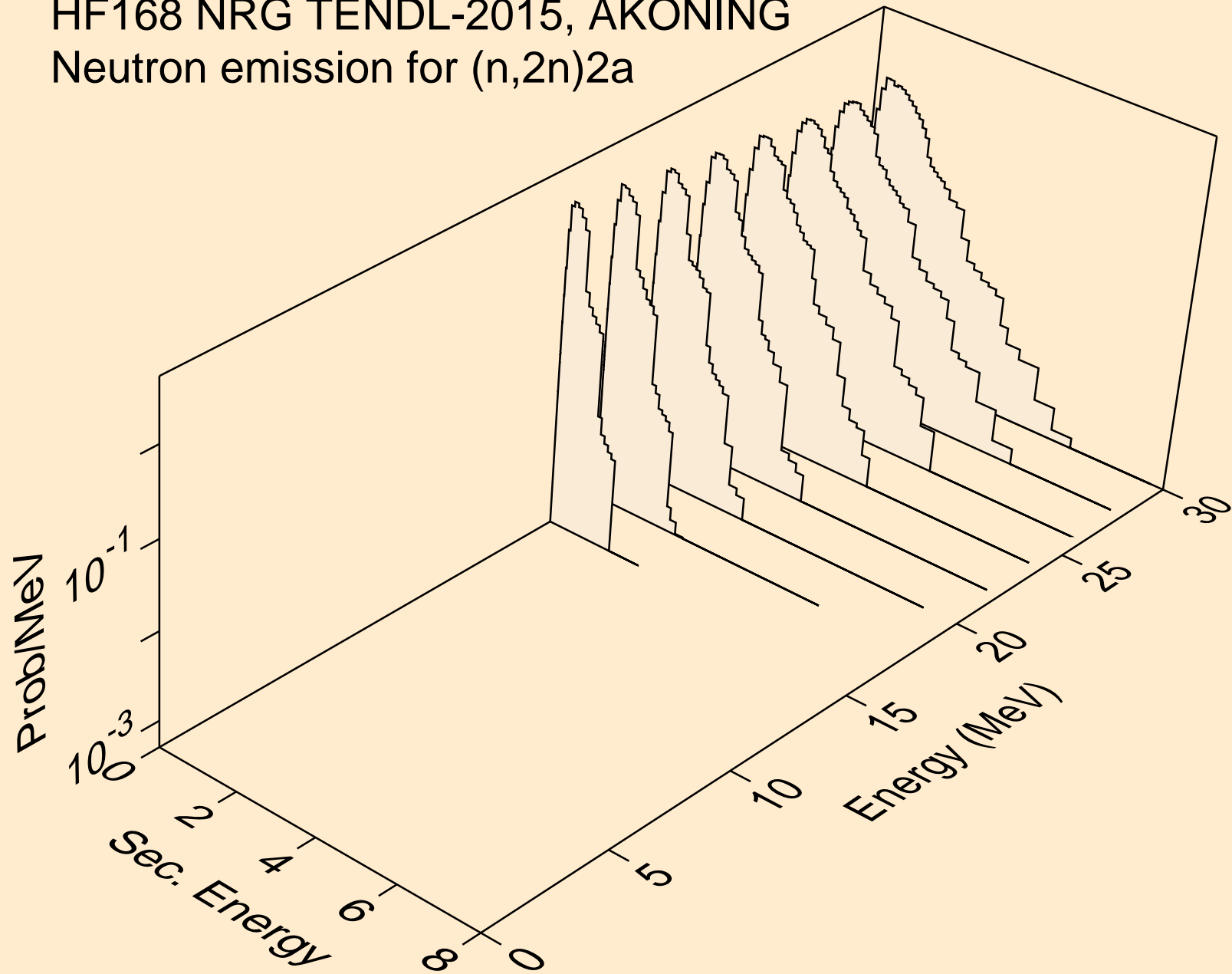




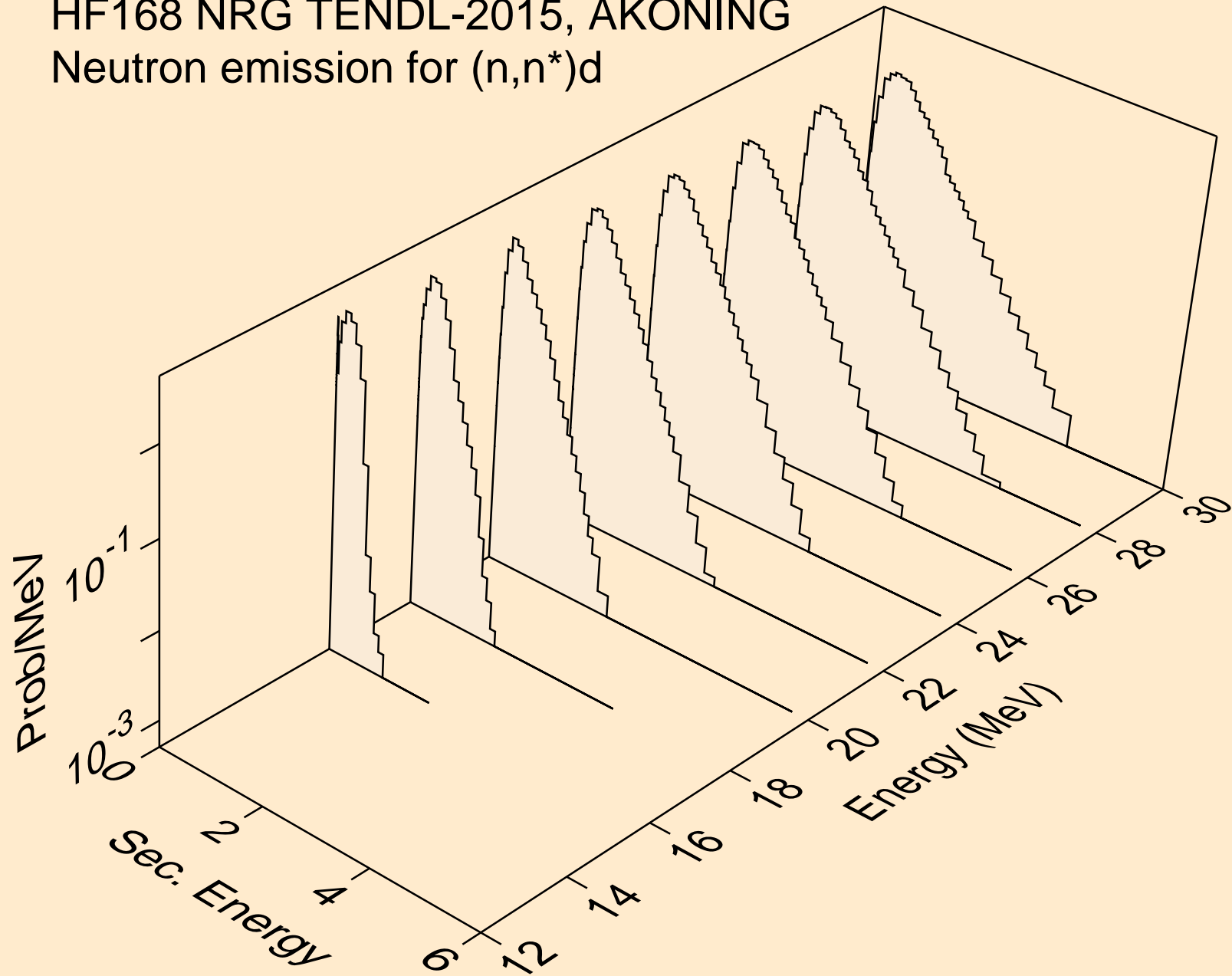
HF168 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



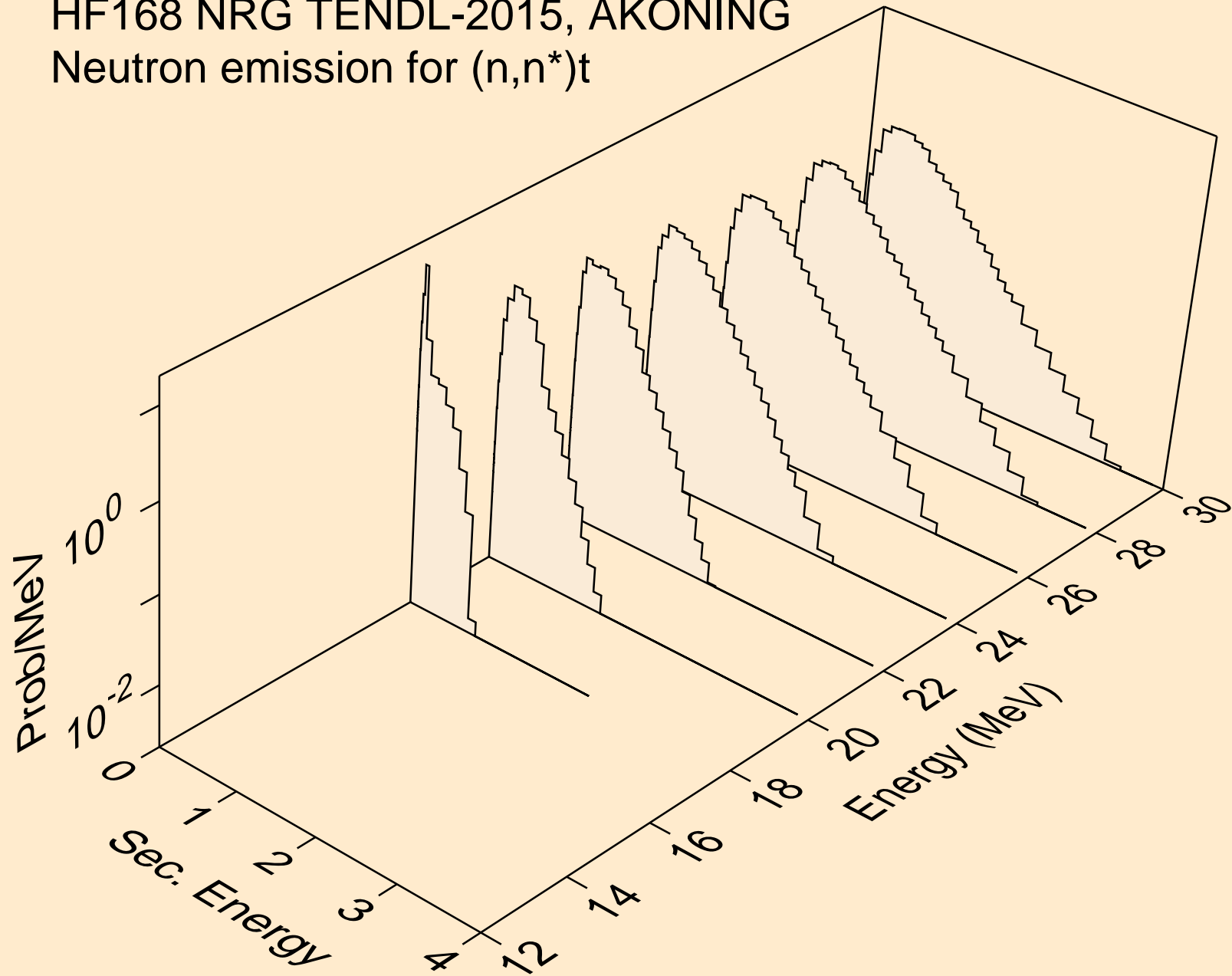
HF168 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



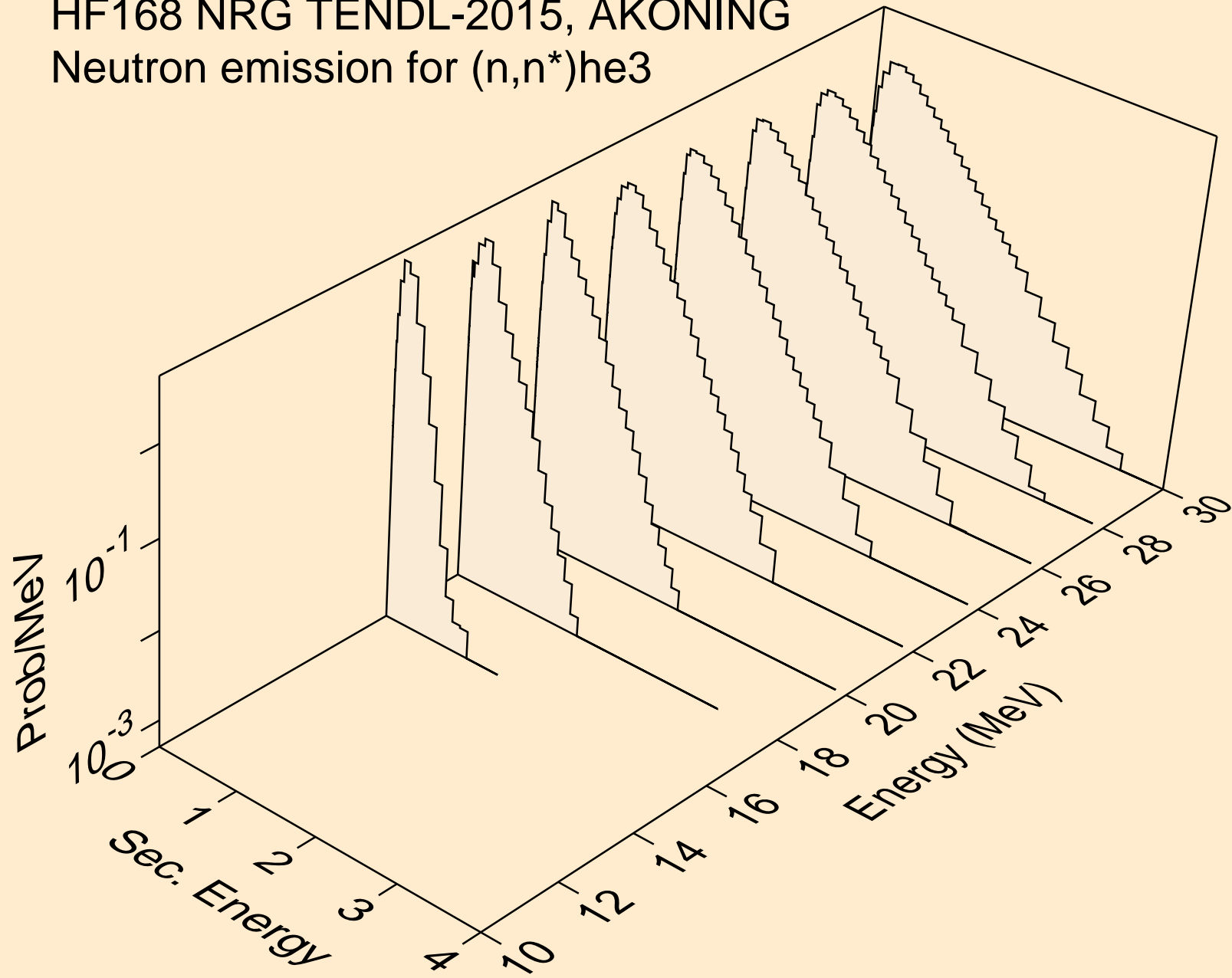
HF168 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



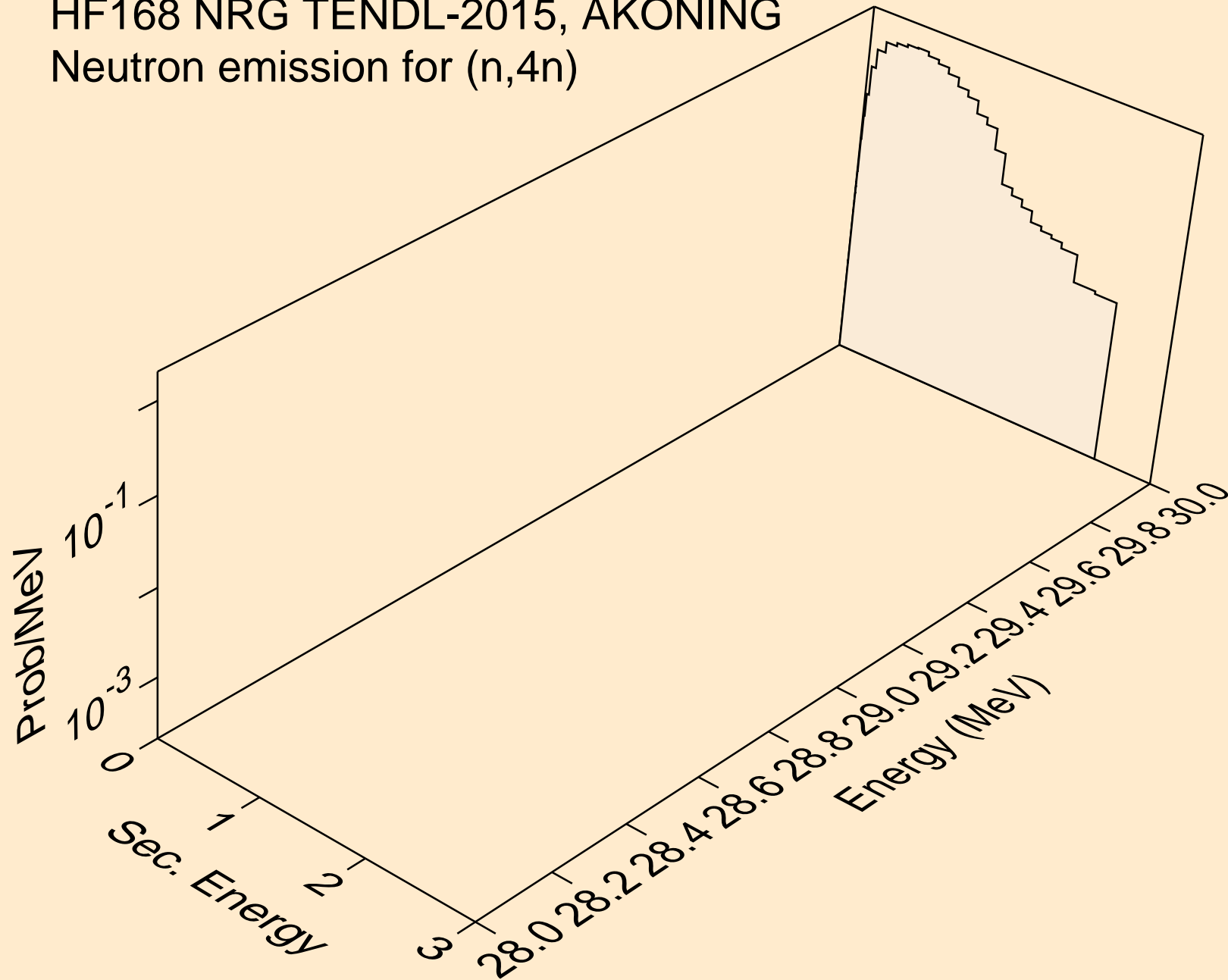
HF168 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



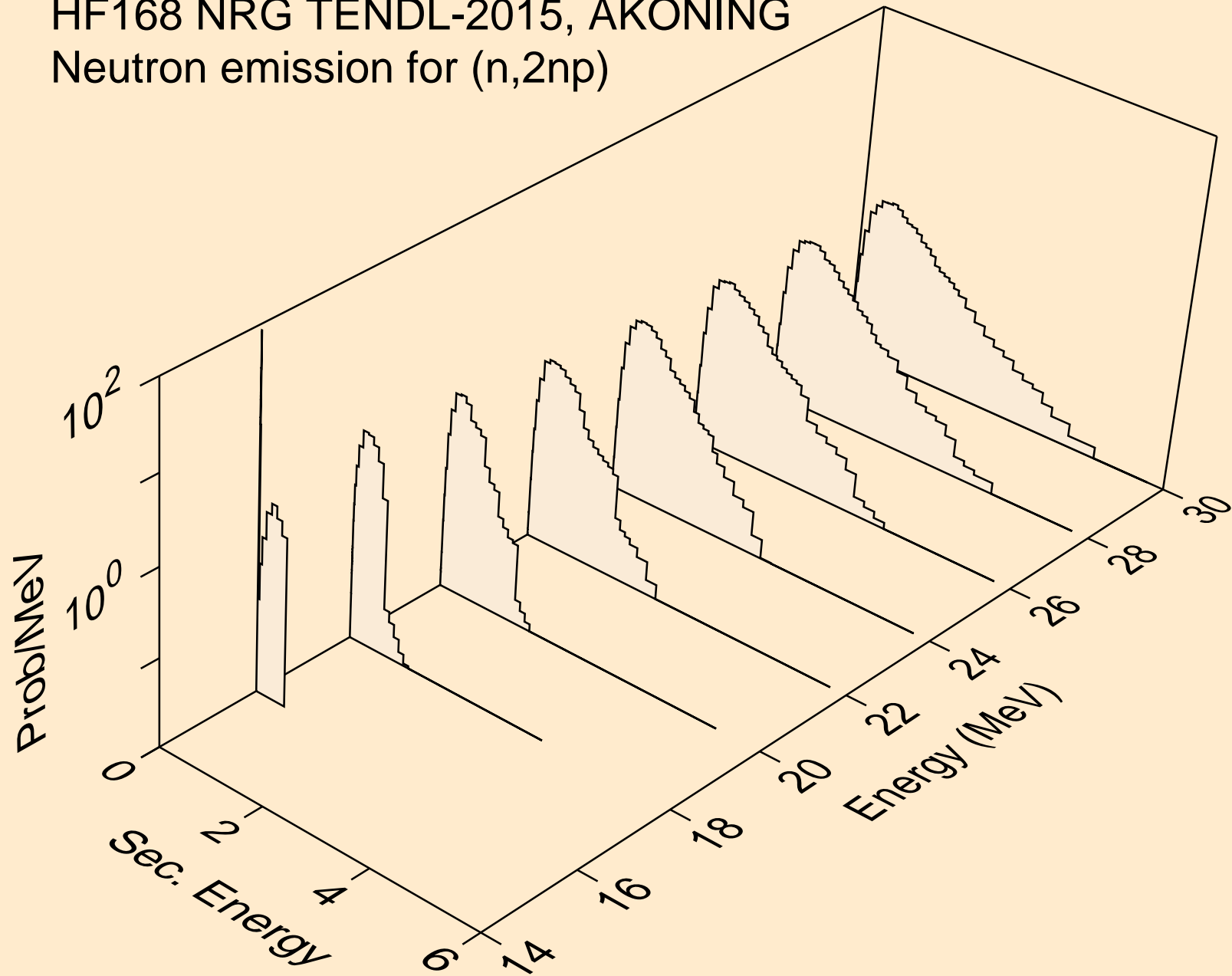
HF168 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



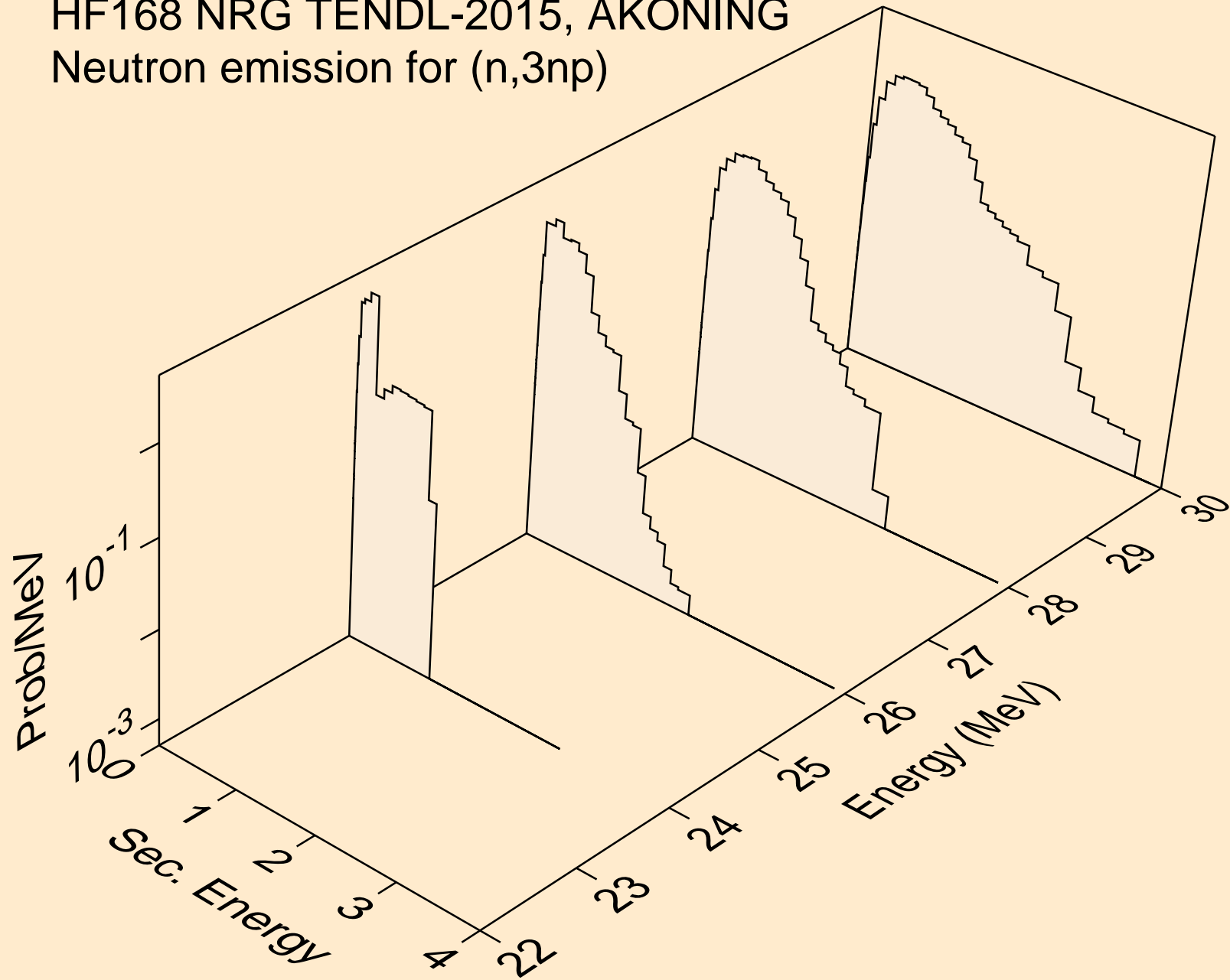
HF168 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



HF168 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

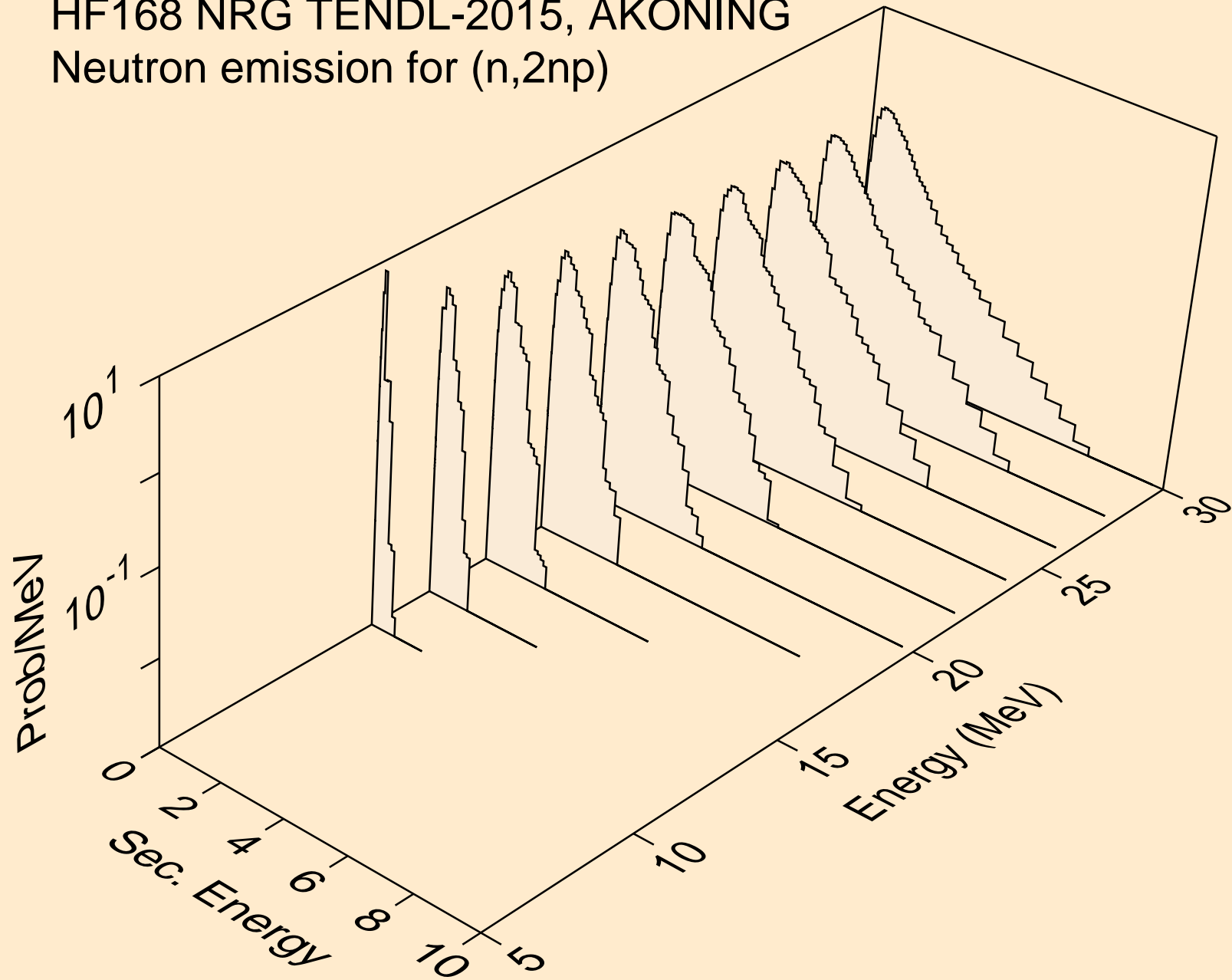


HF168 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

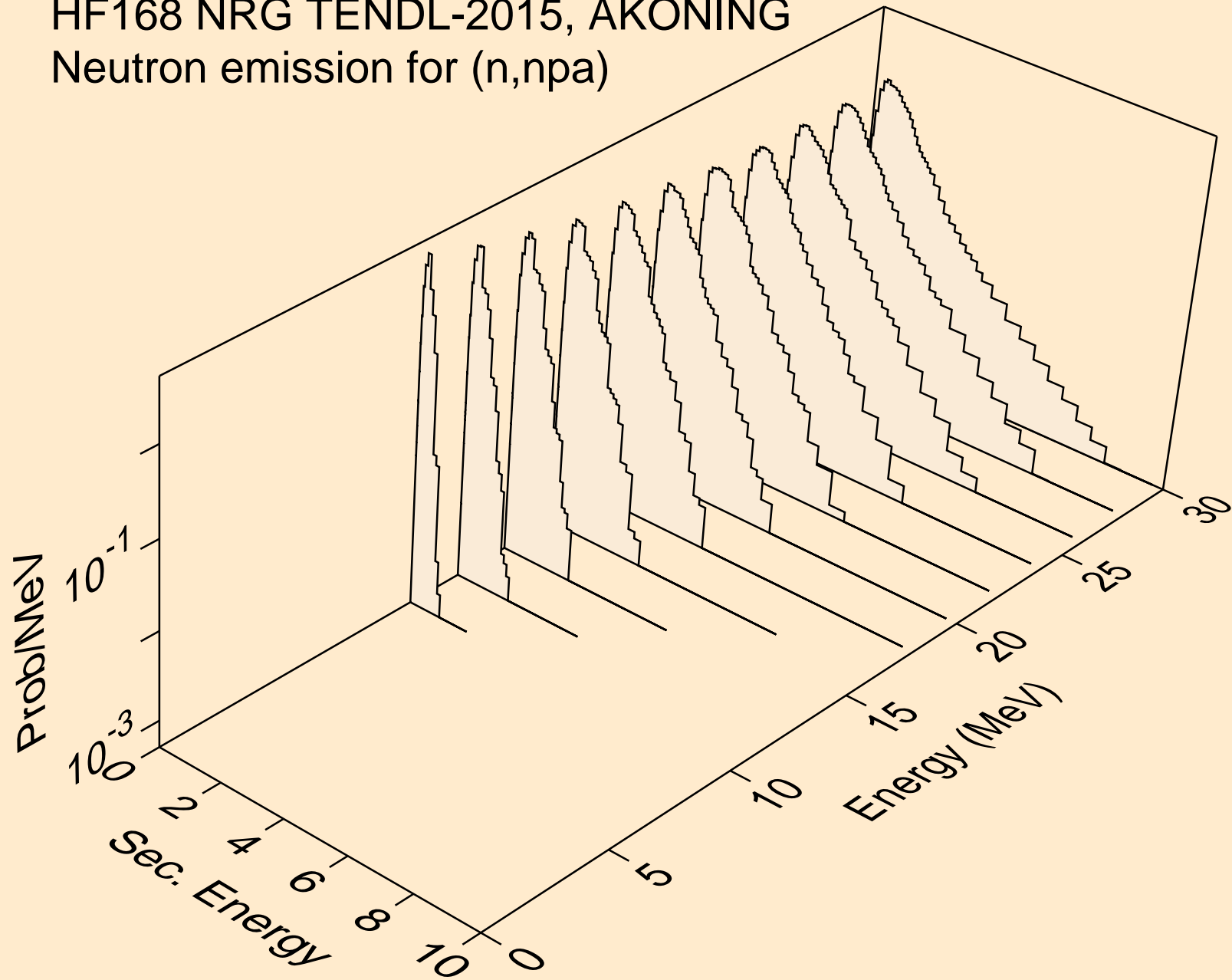




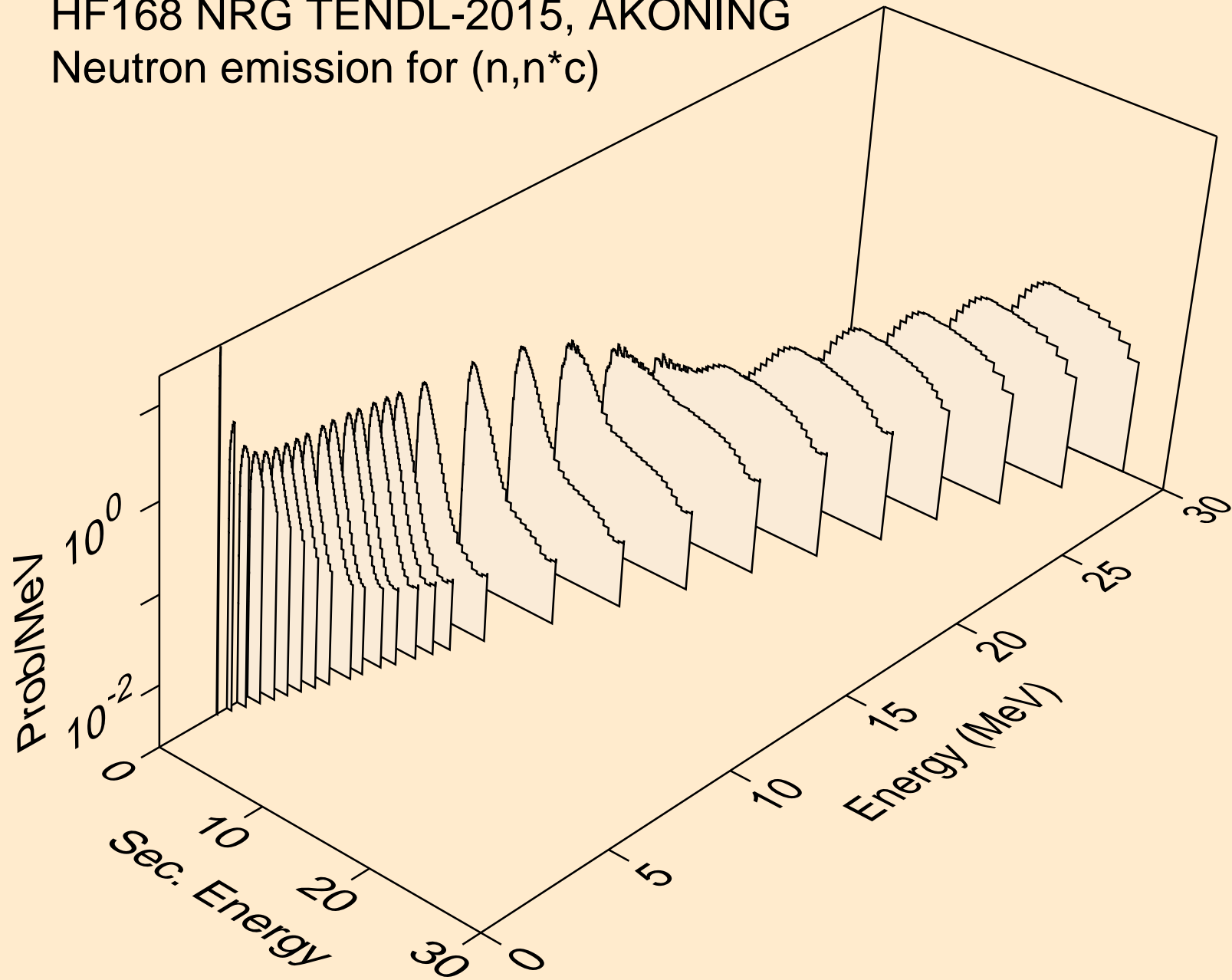
HF168 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



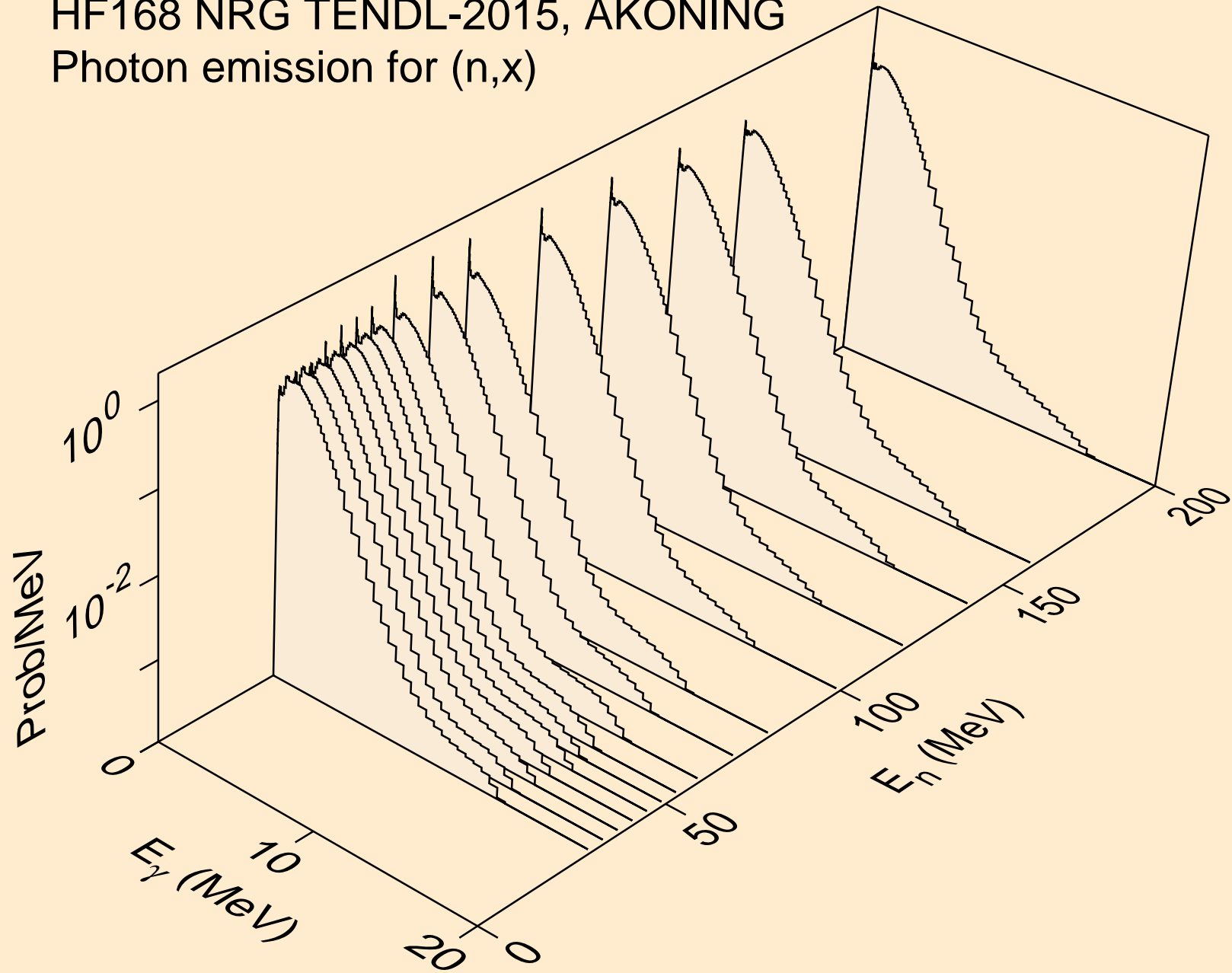
HF168 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



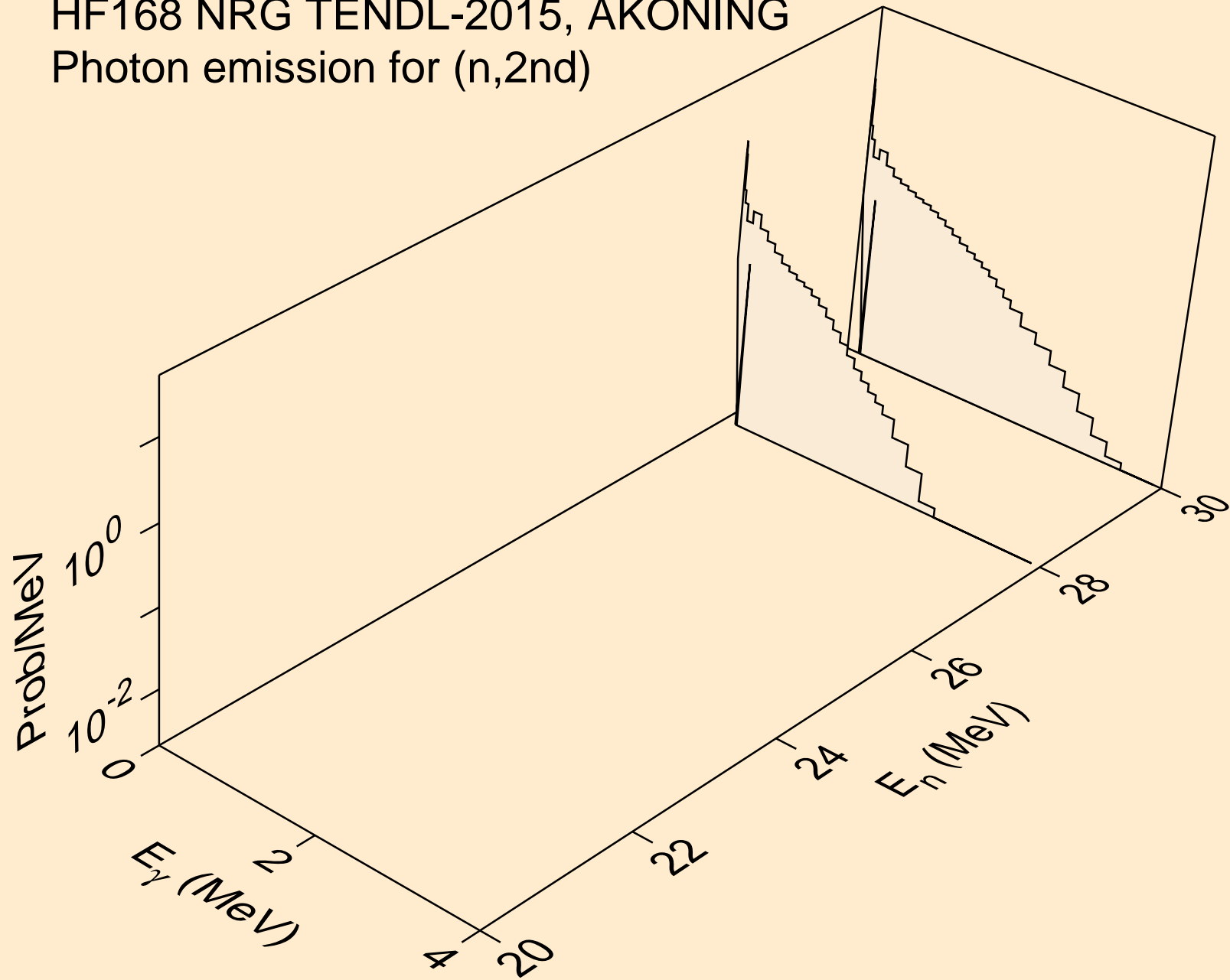
HF168 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



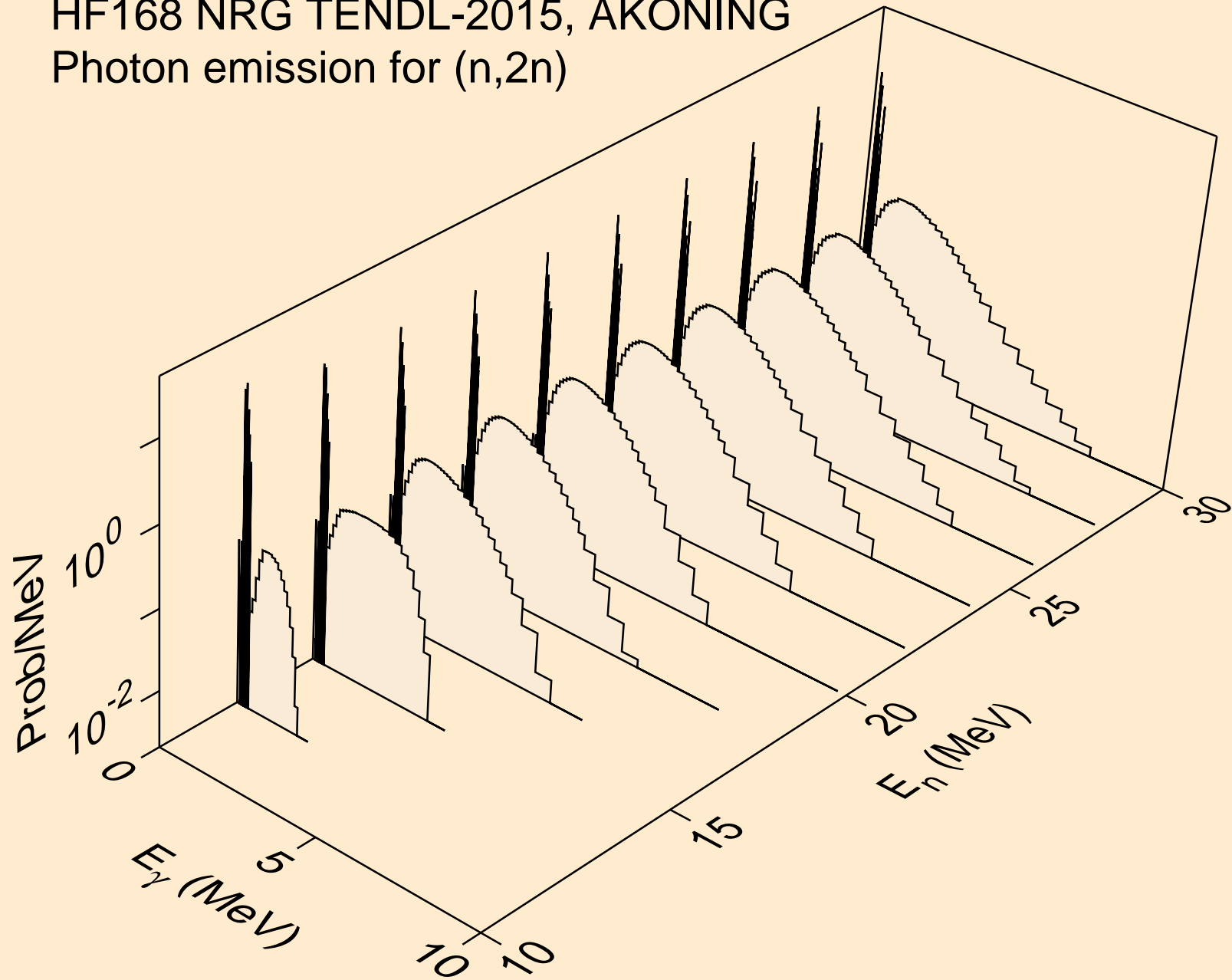
HF168 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



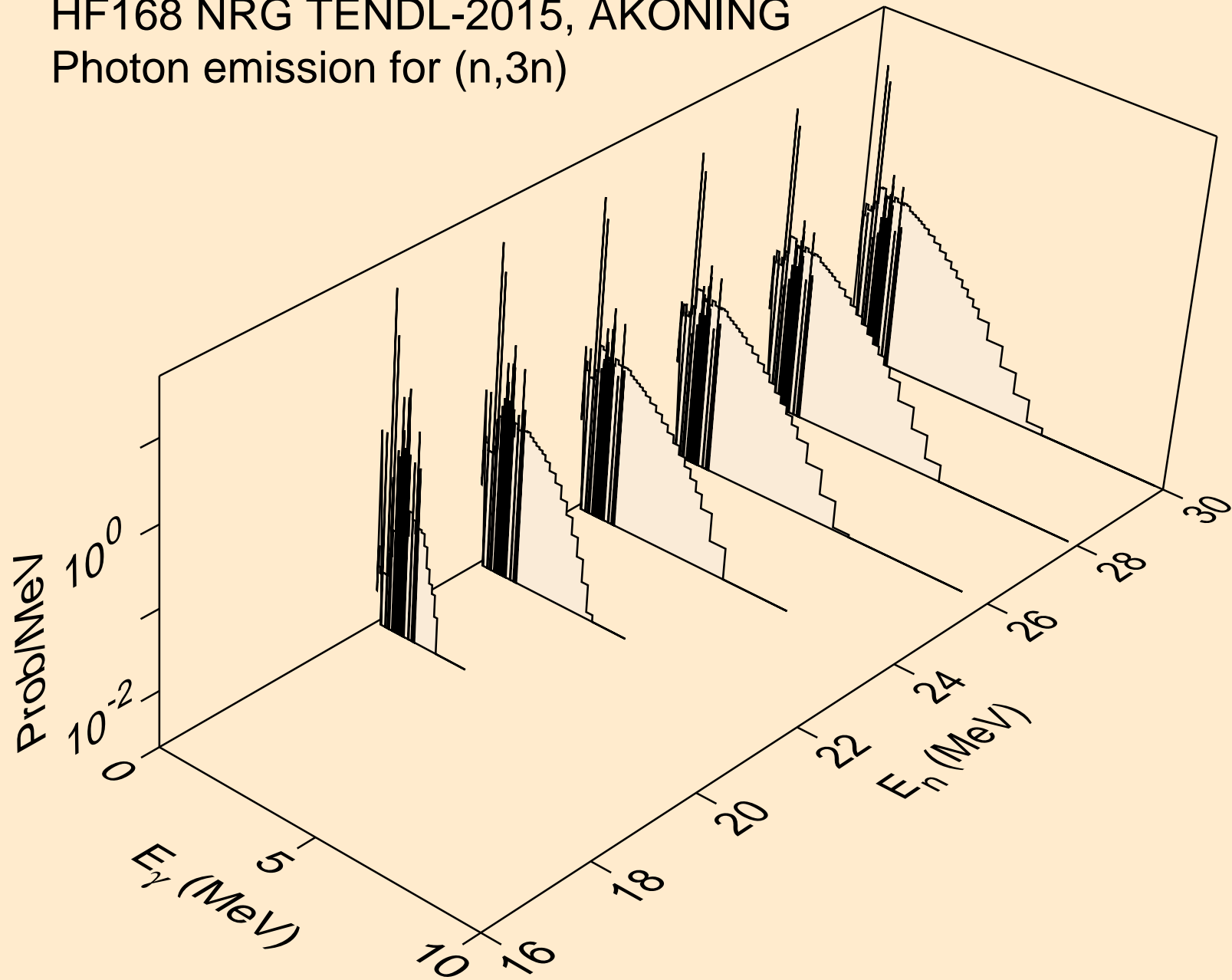
HF168 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



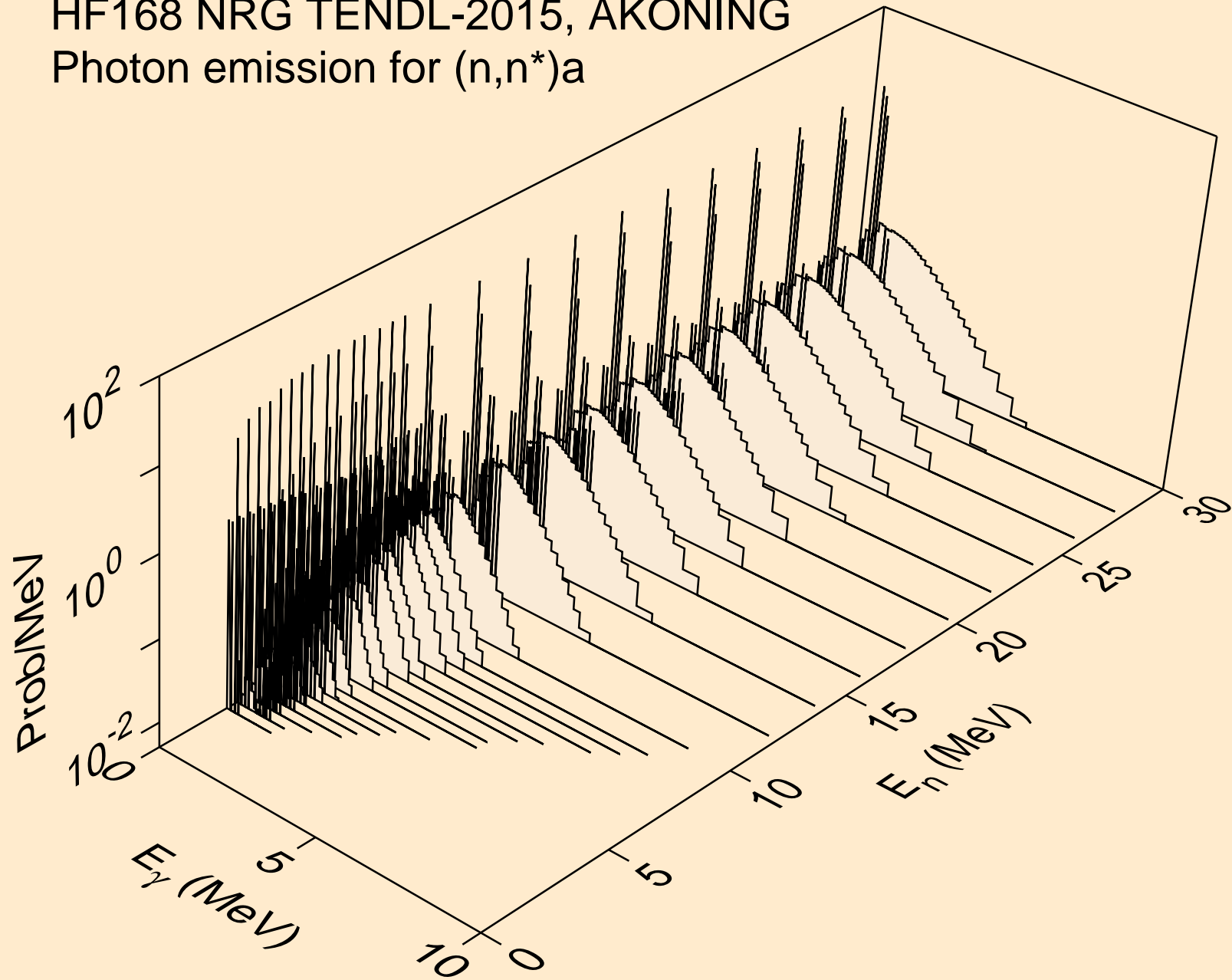
HF168 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



HF168 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

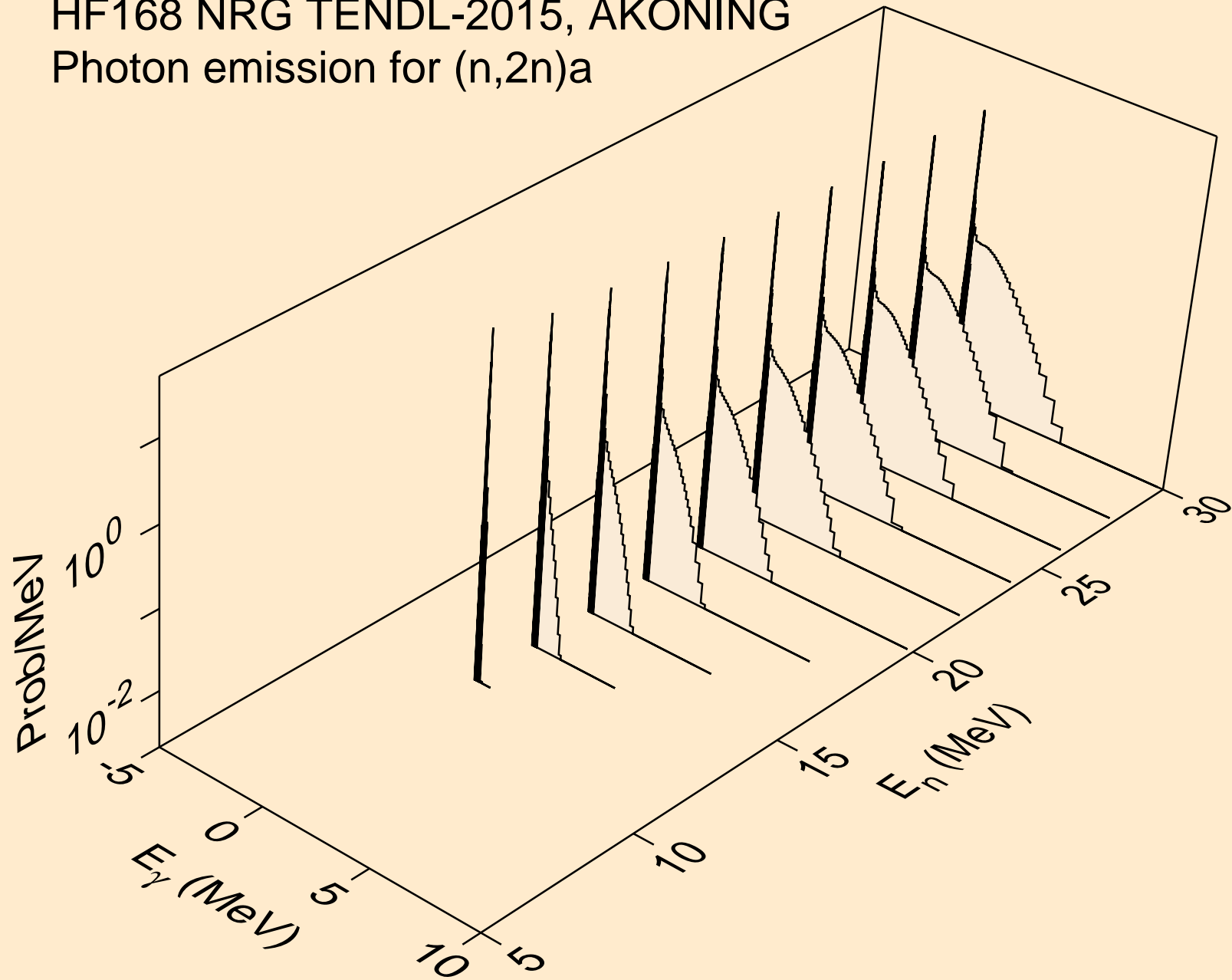


HF168 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

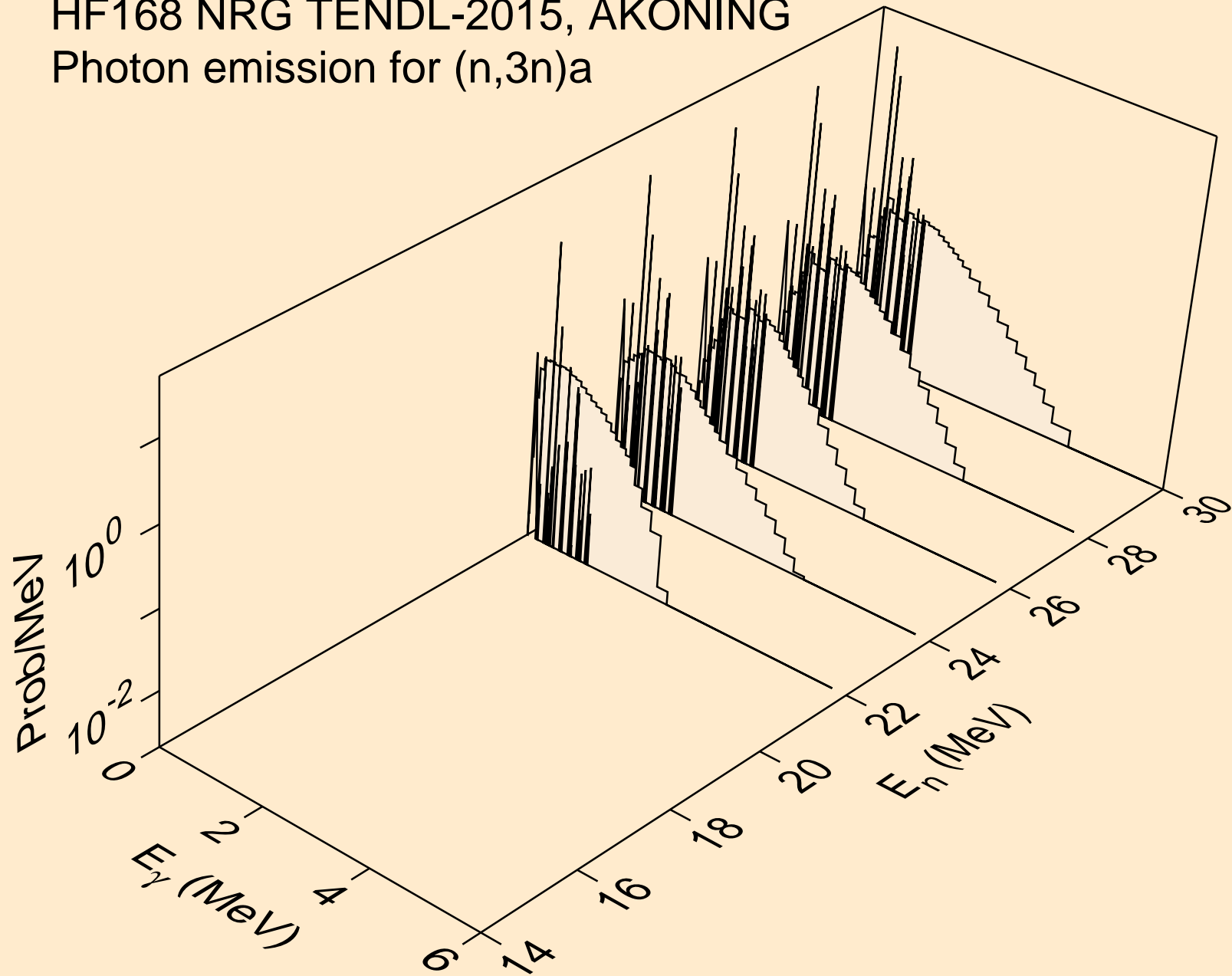




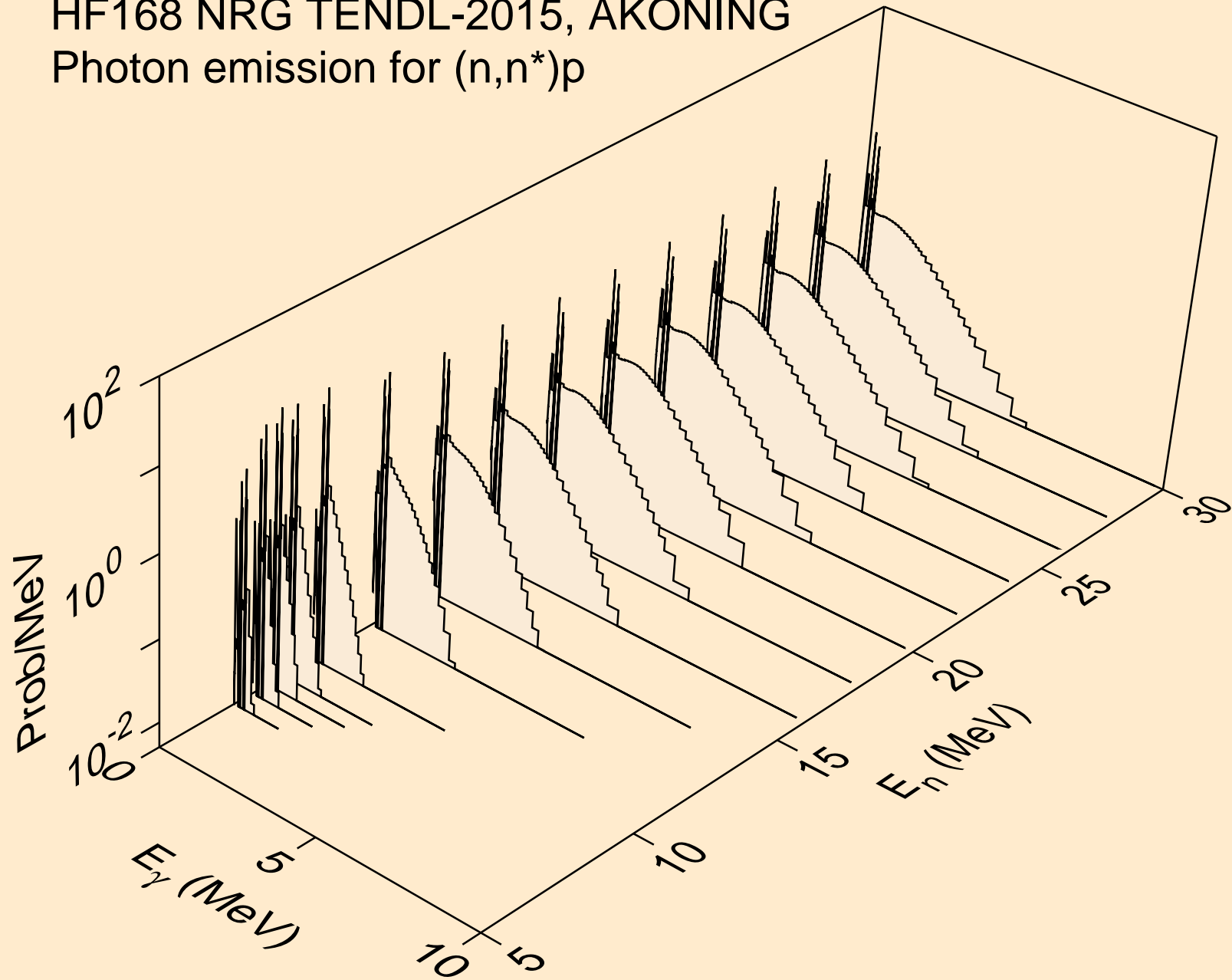
HF168 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)<sub>a</sub>



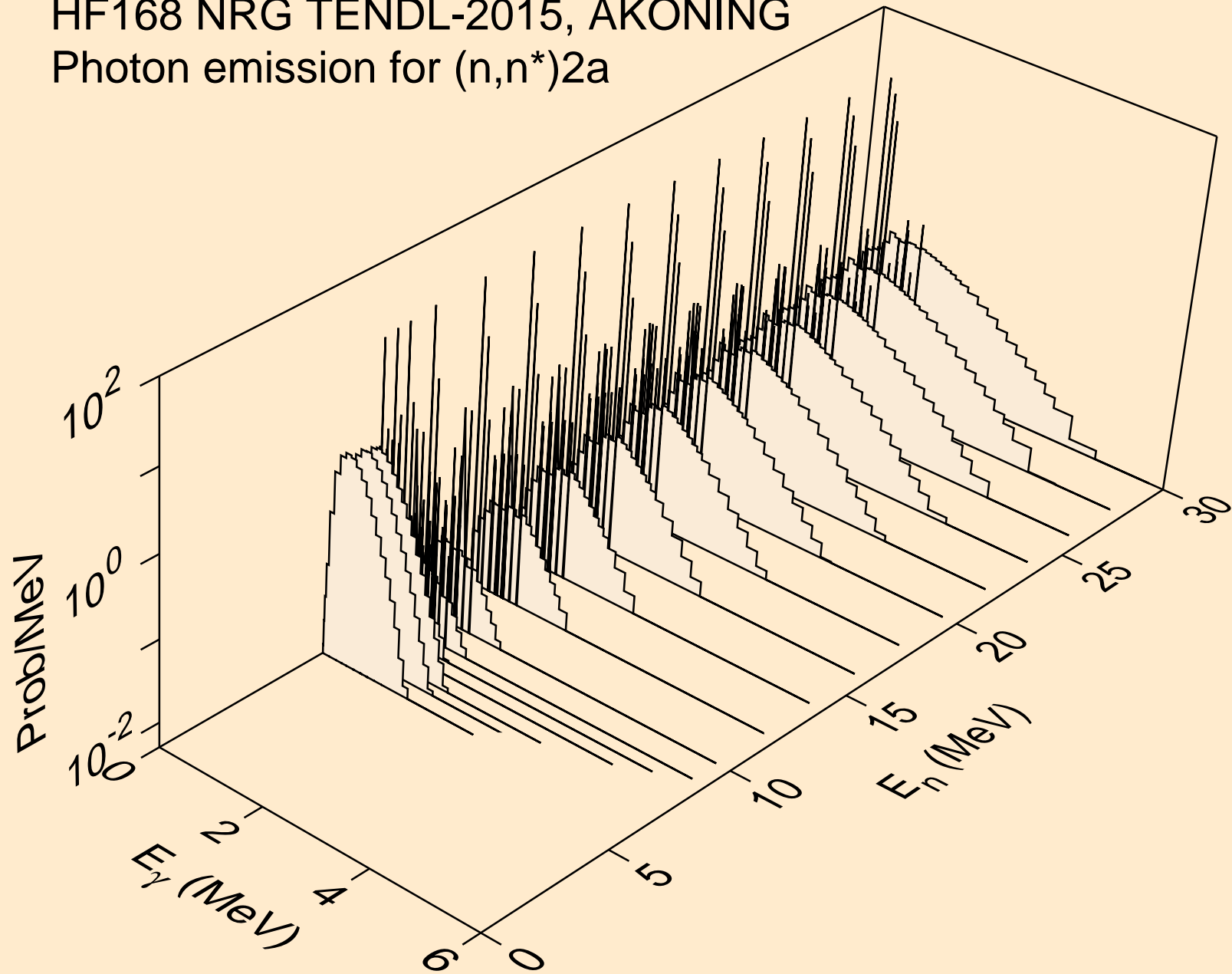
HF168 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



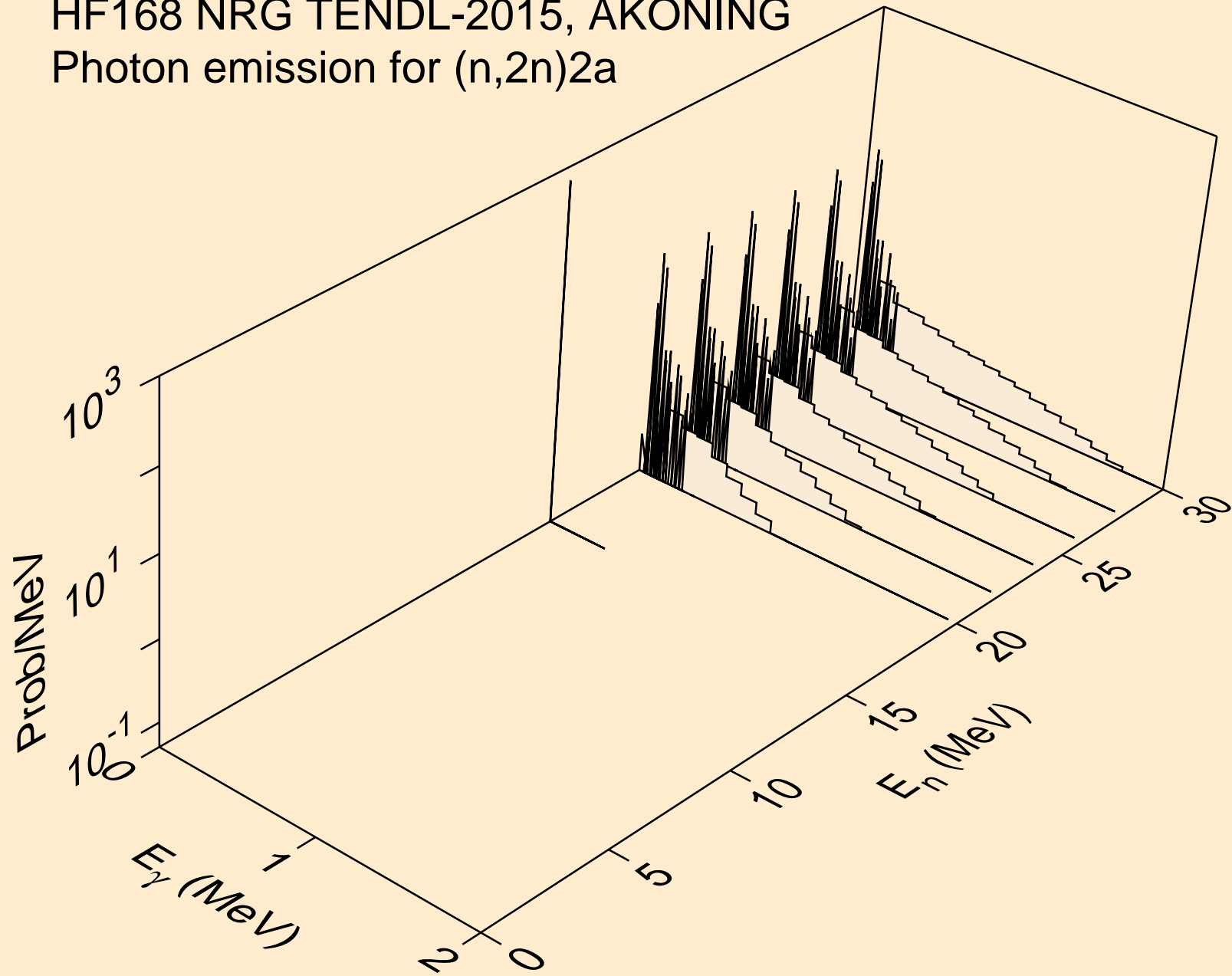
HF168 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



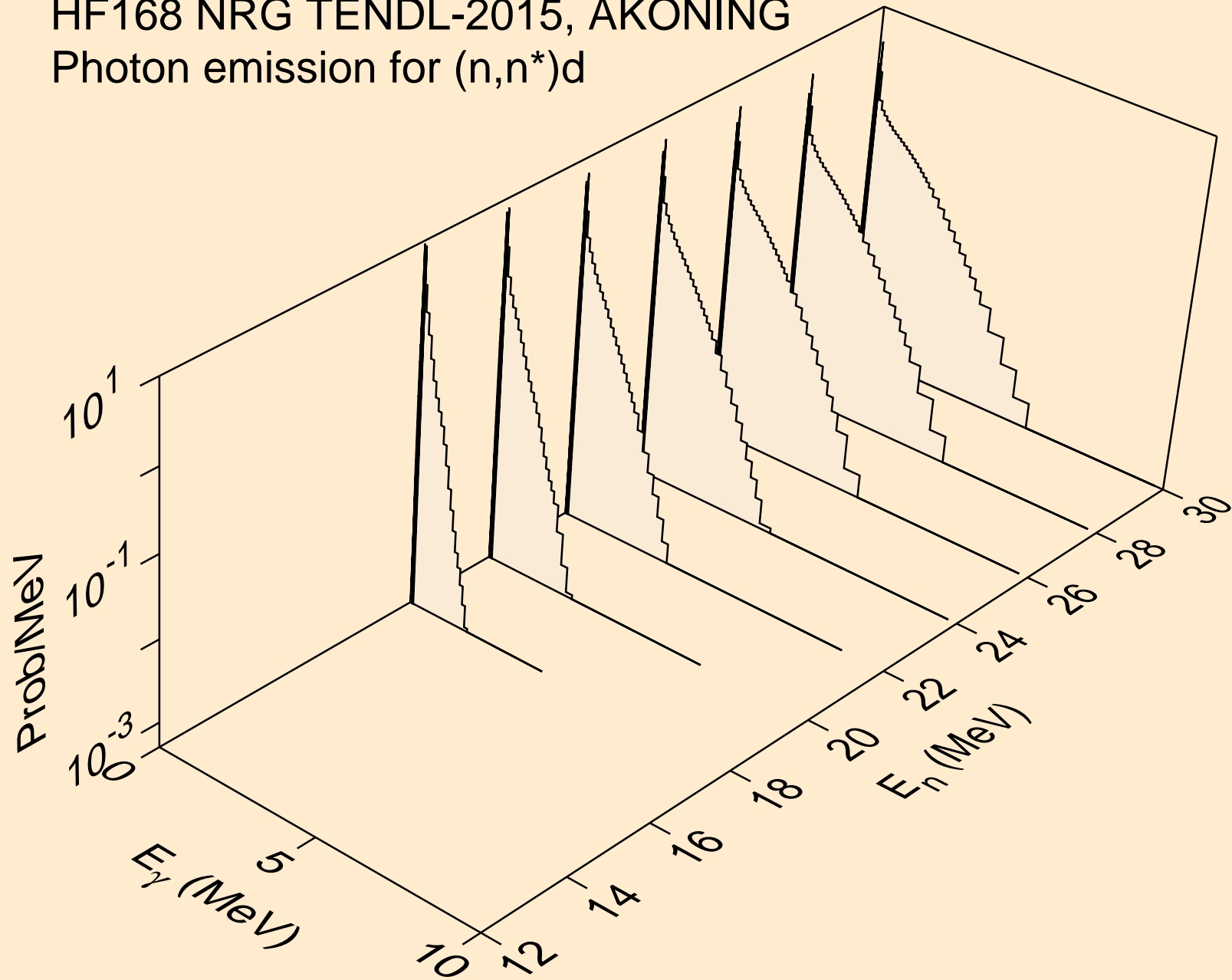
HF168 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



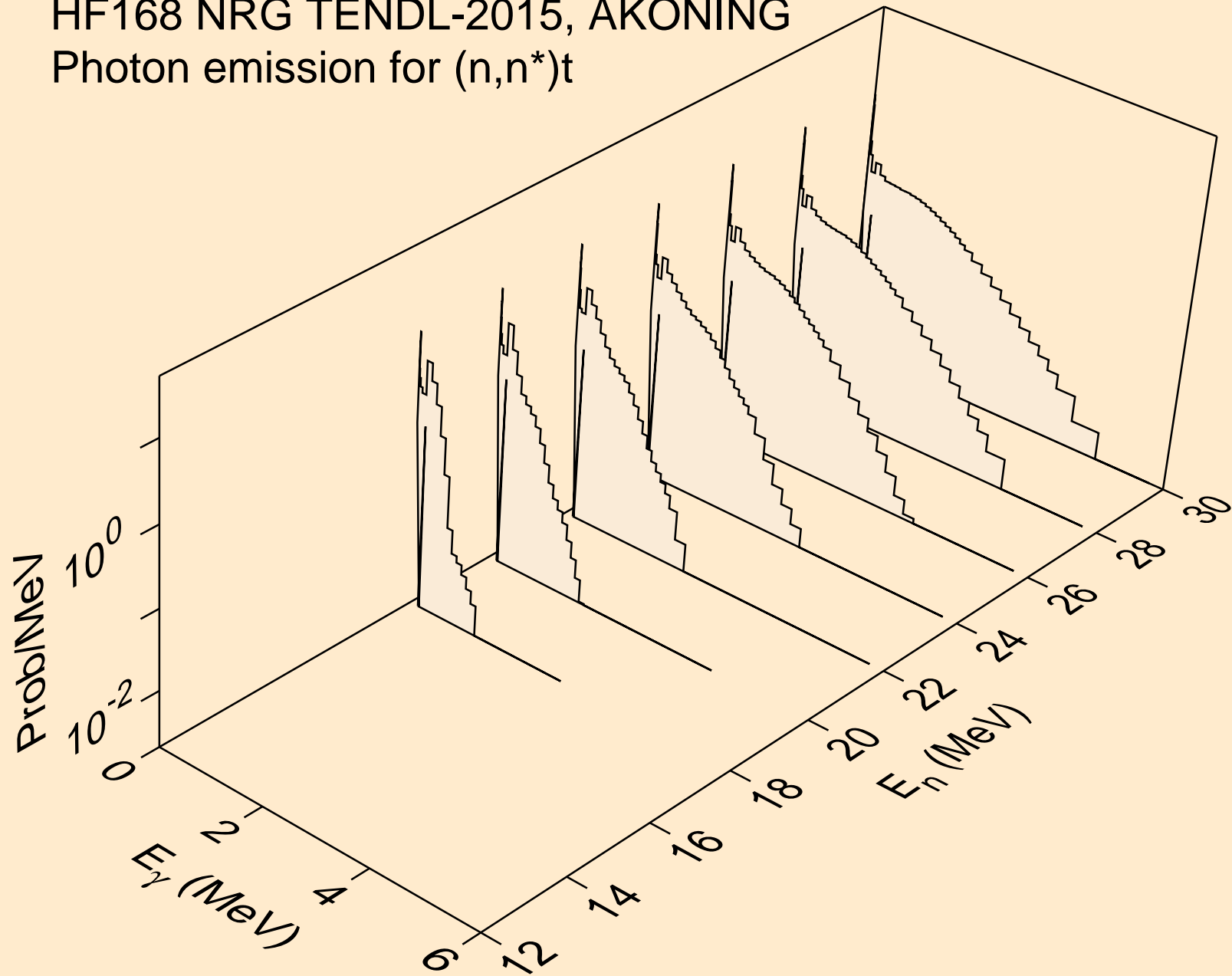
HF168 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



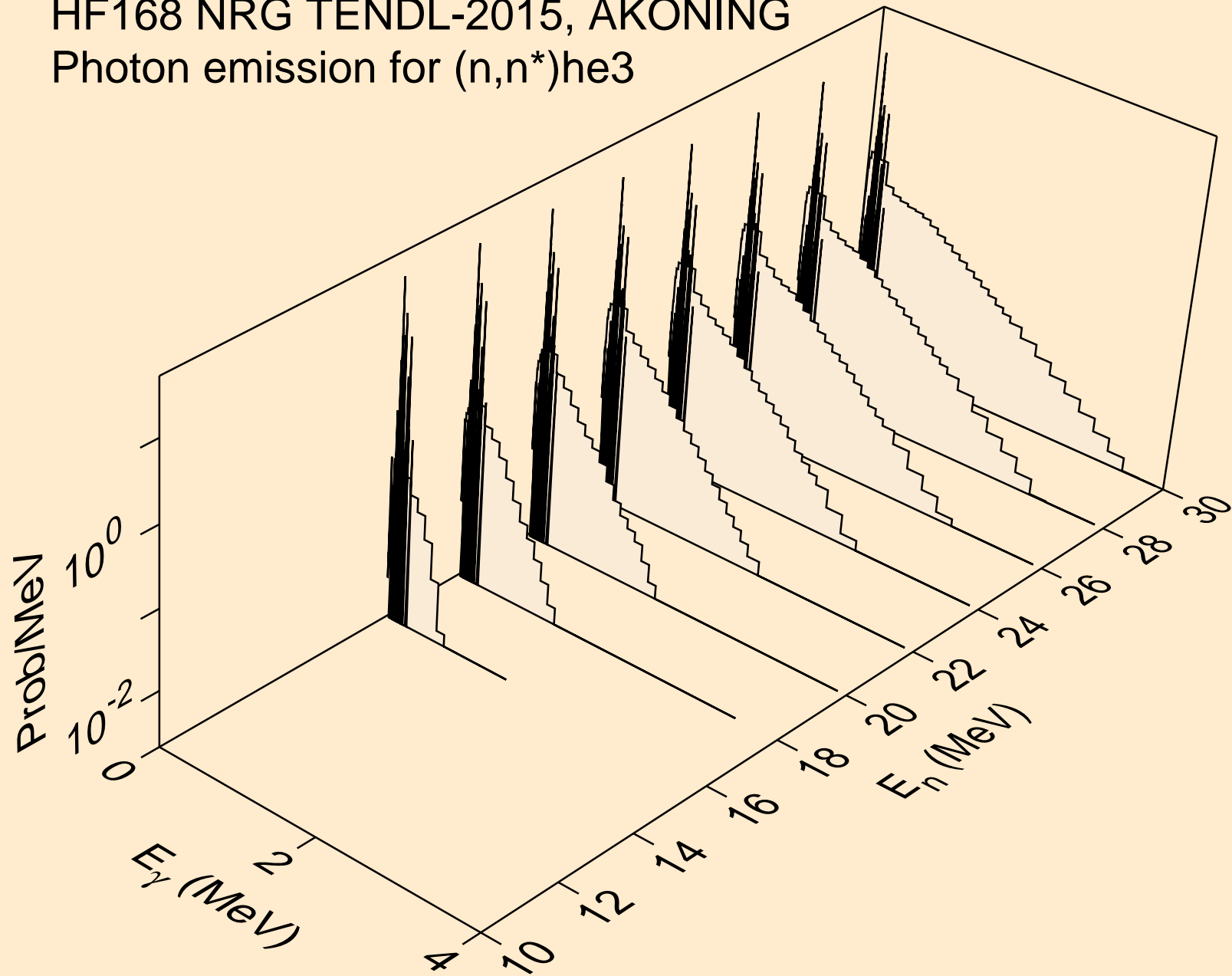
HF168 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



HF168 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

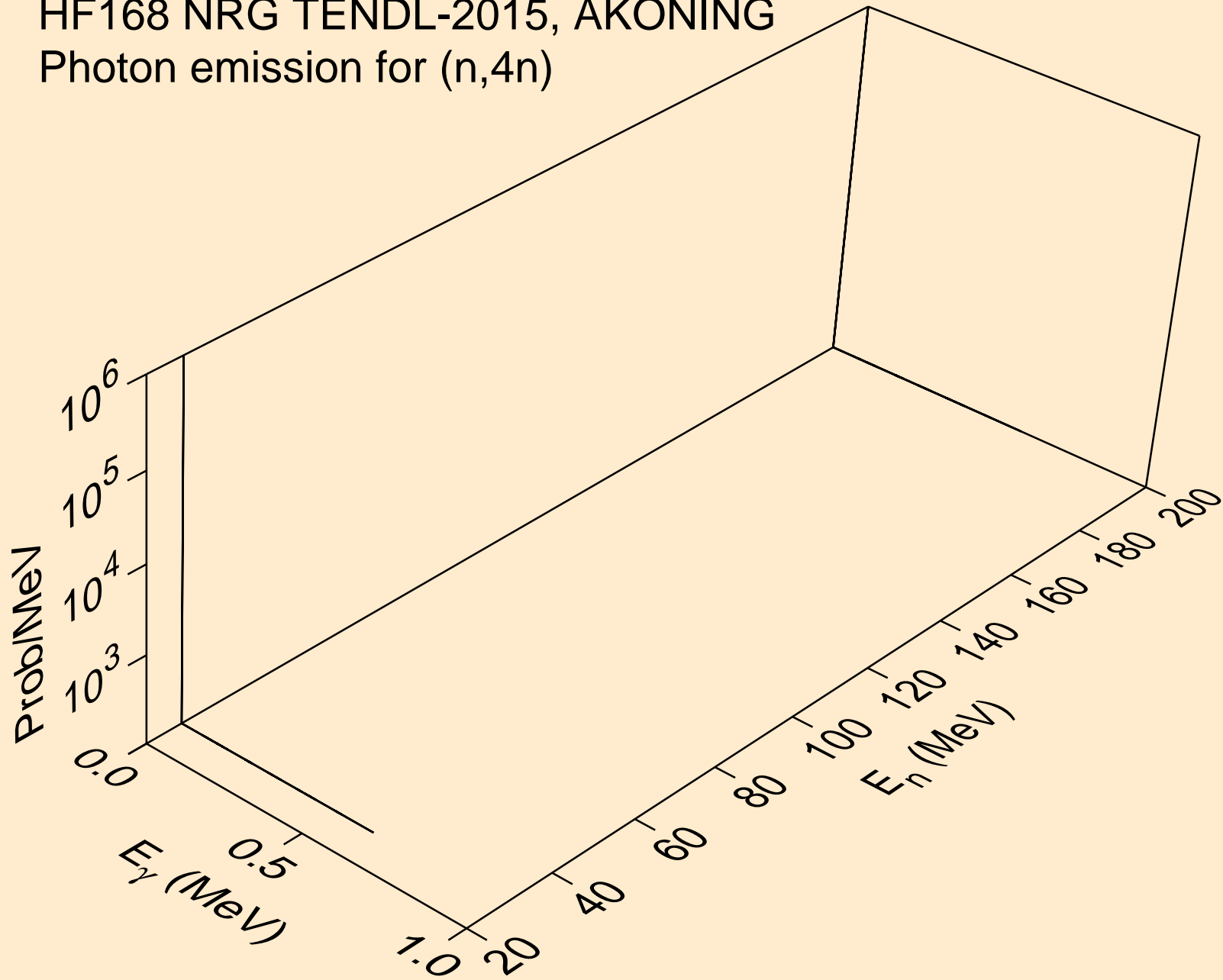


HF168 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

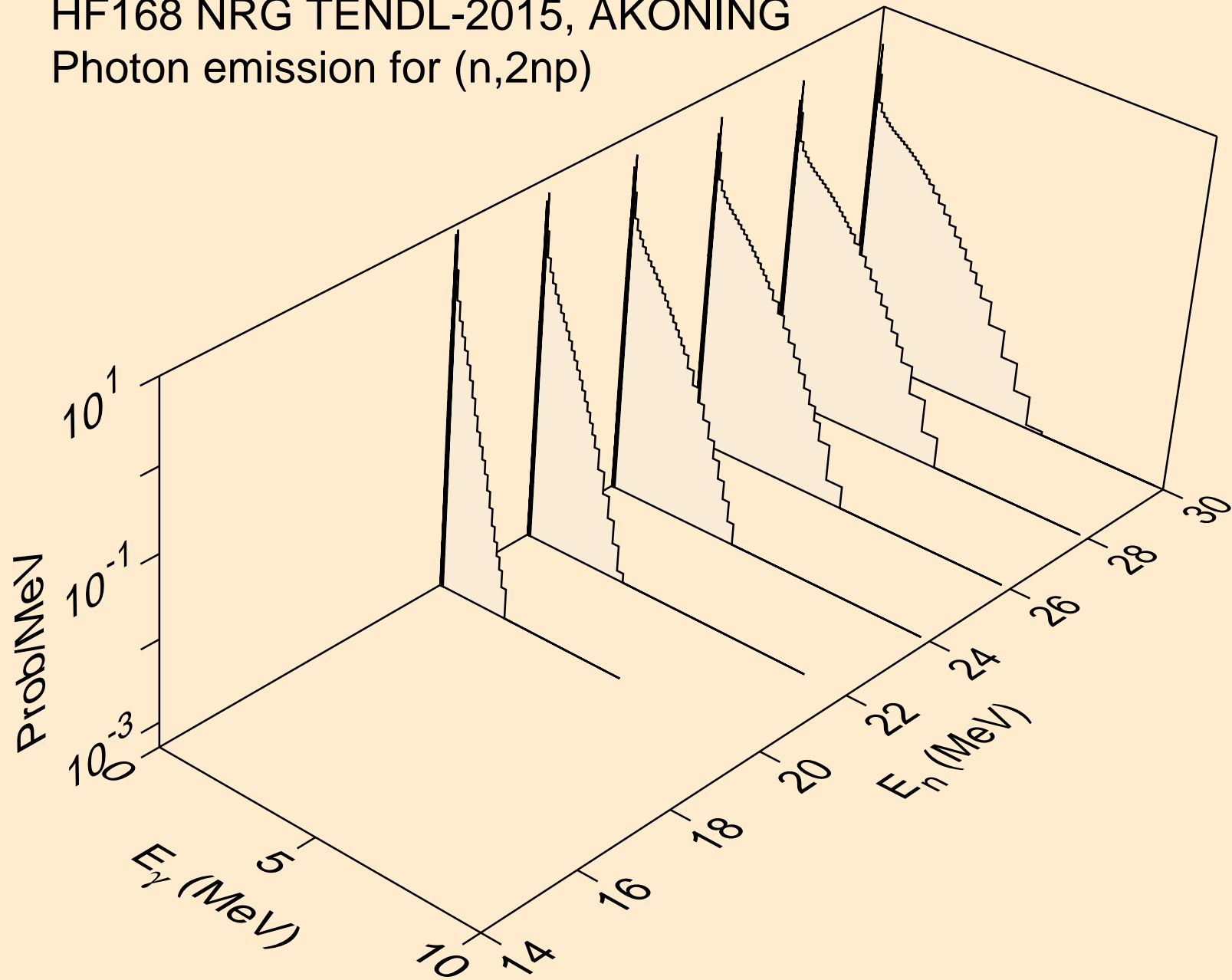




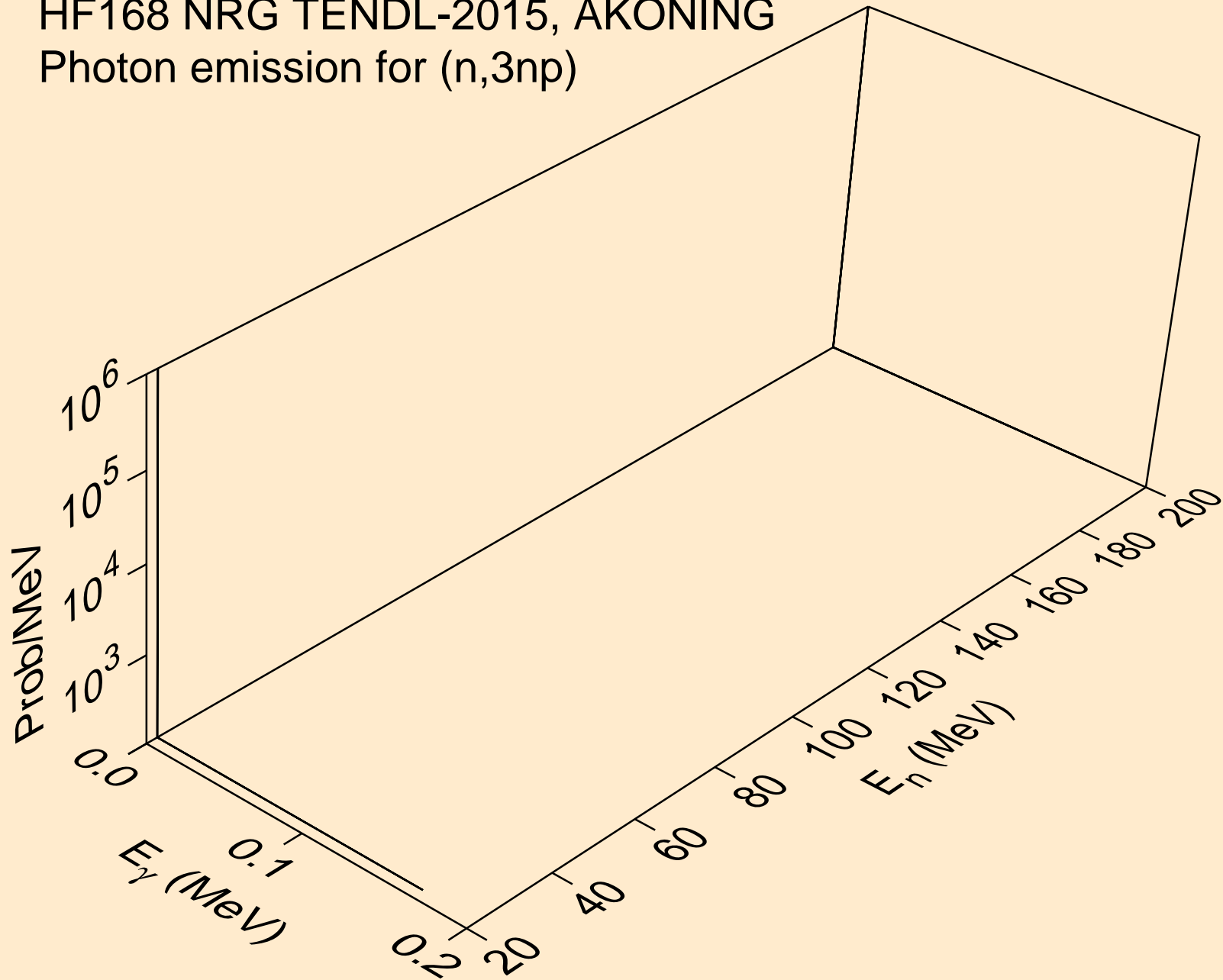
HF168 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



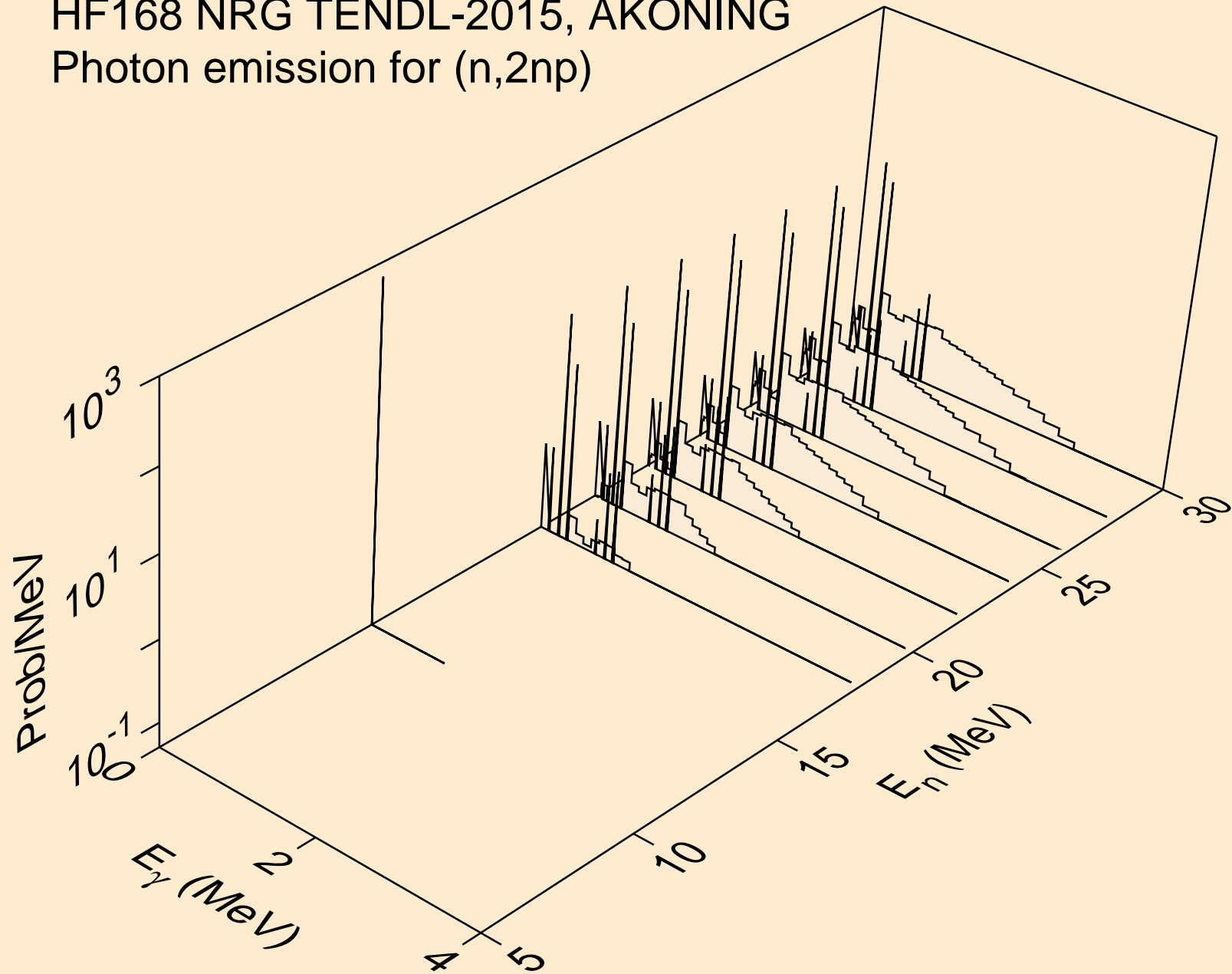
HF168 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



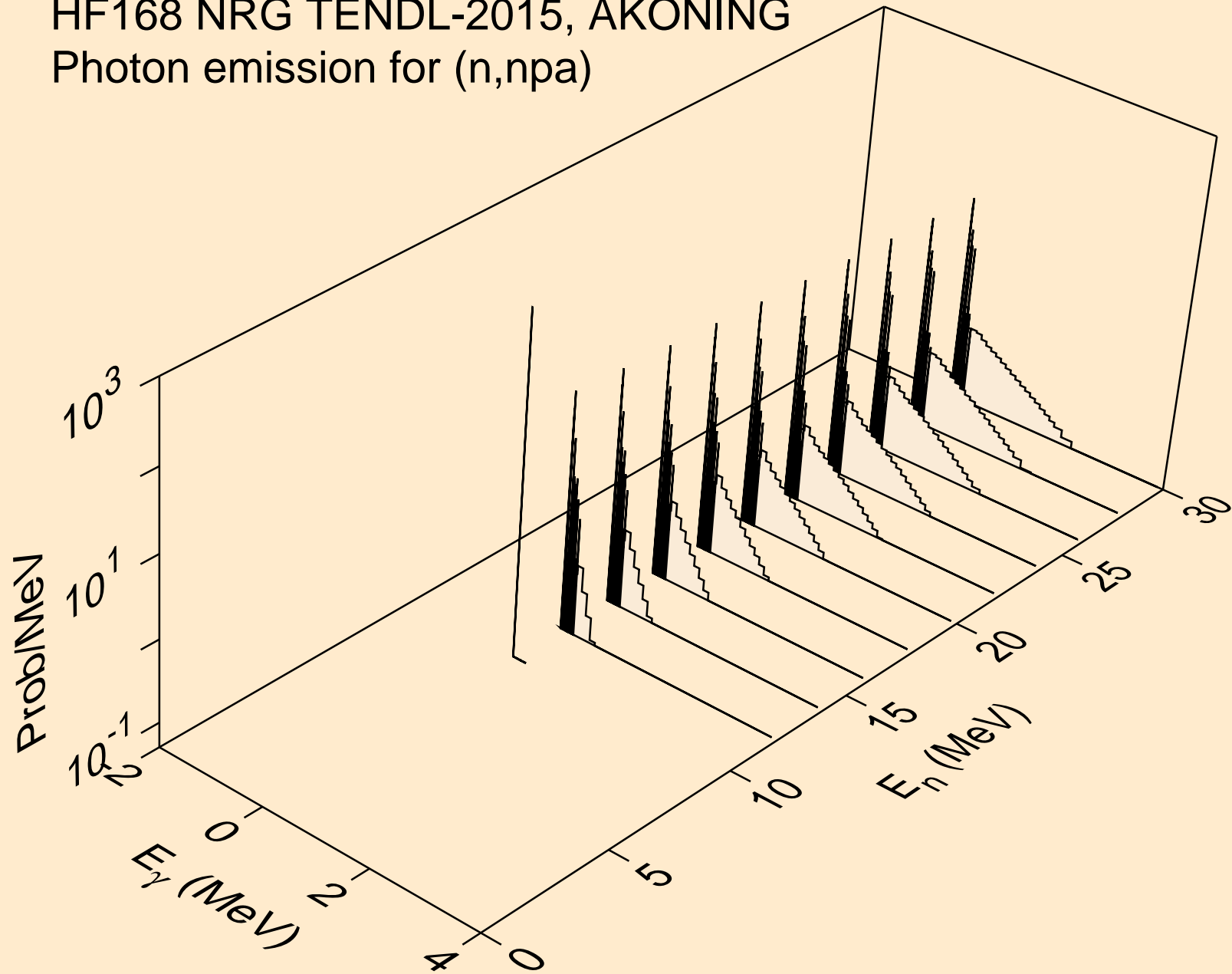
HF168 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



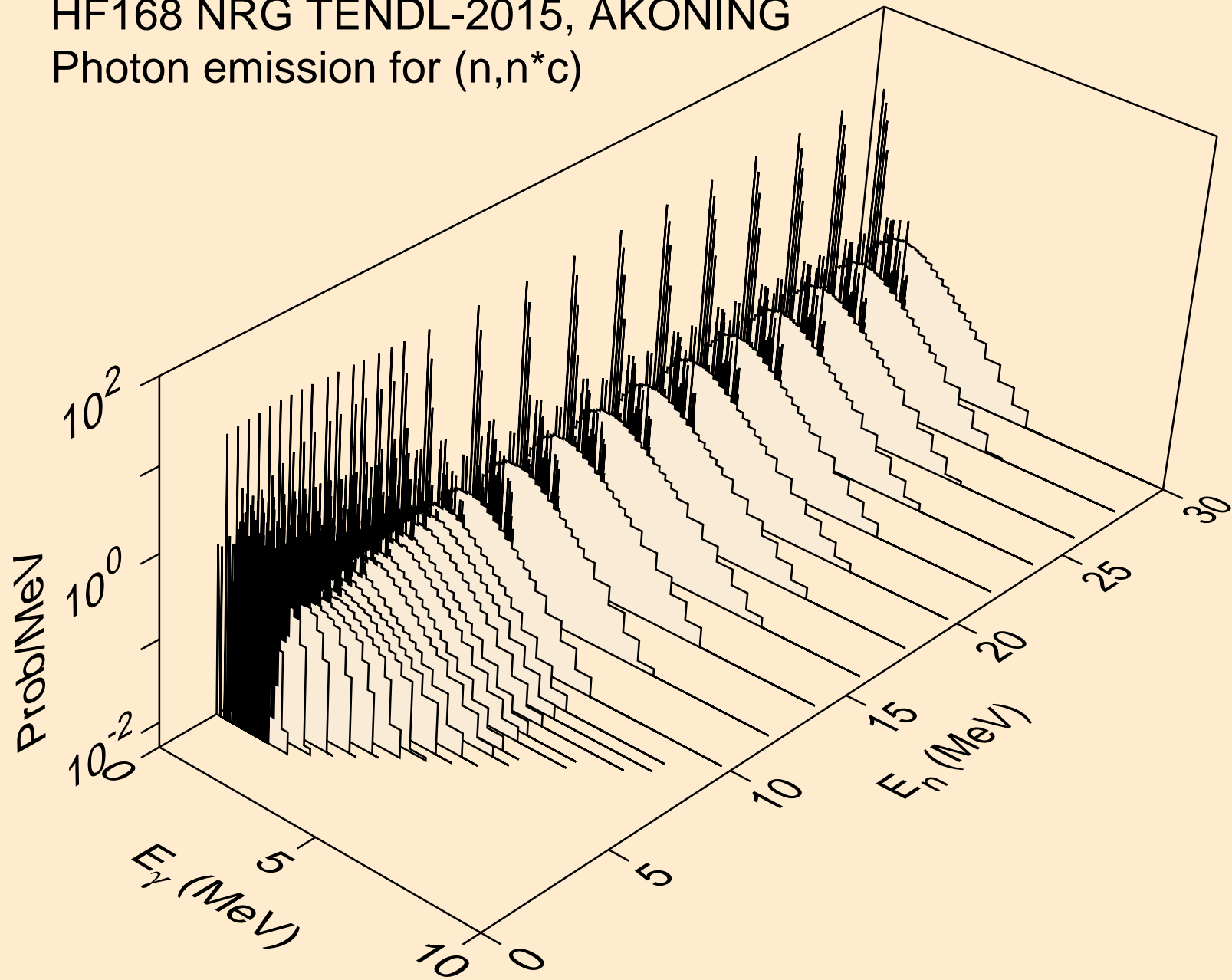
HF168 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



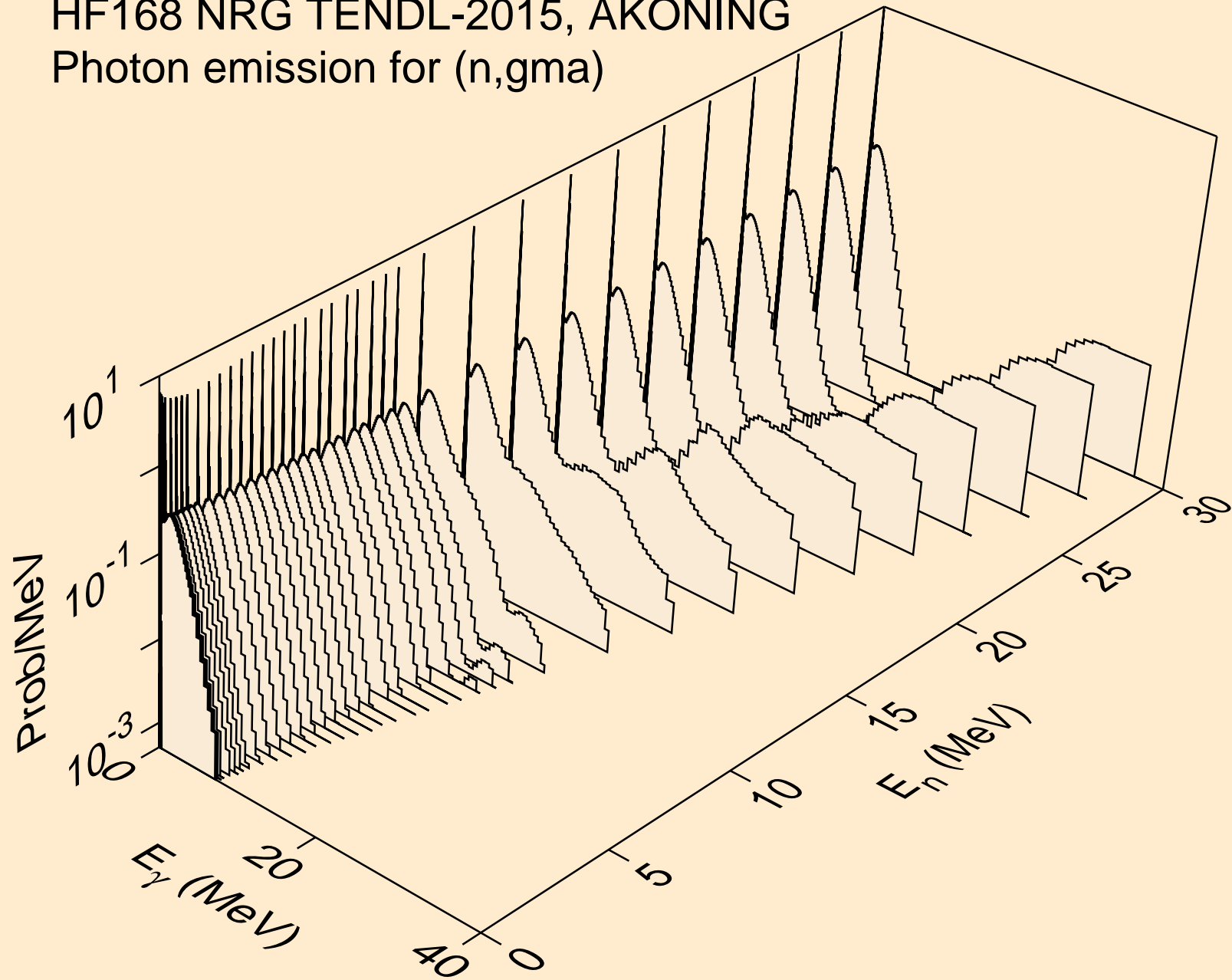
HF168 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



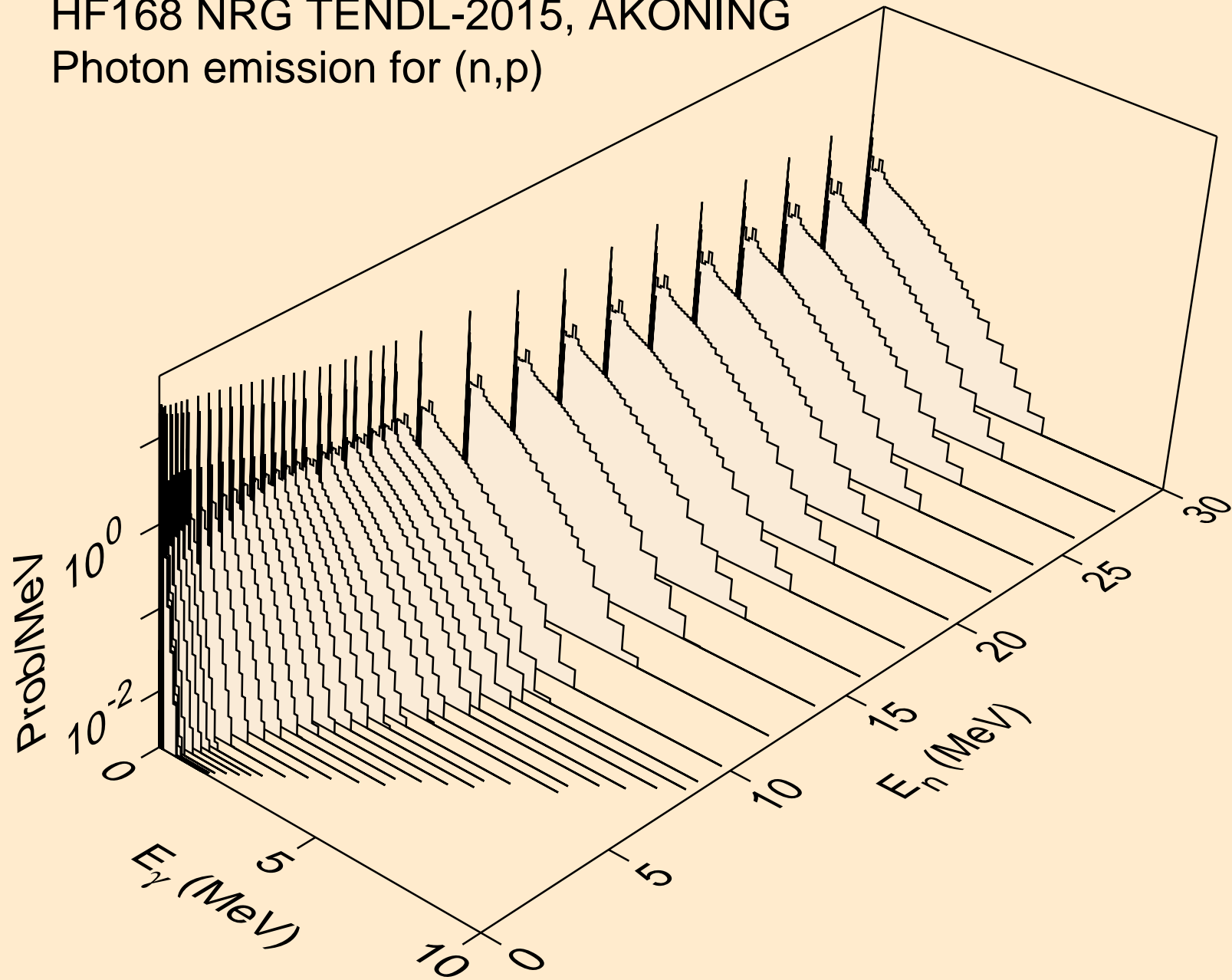
HF168 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



HF168 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

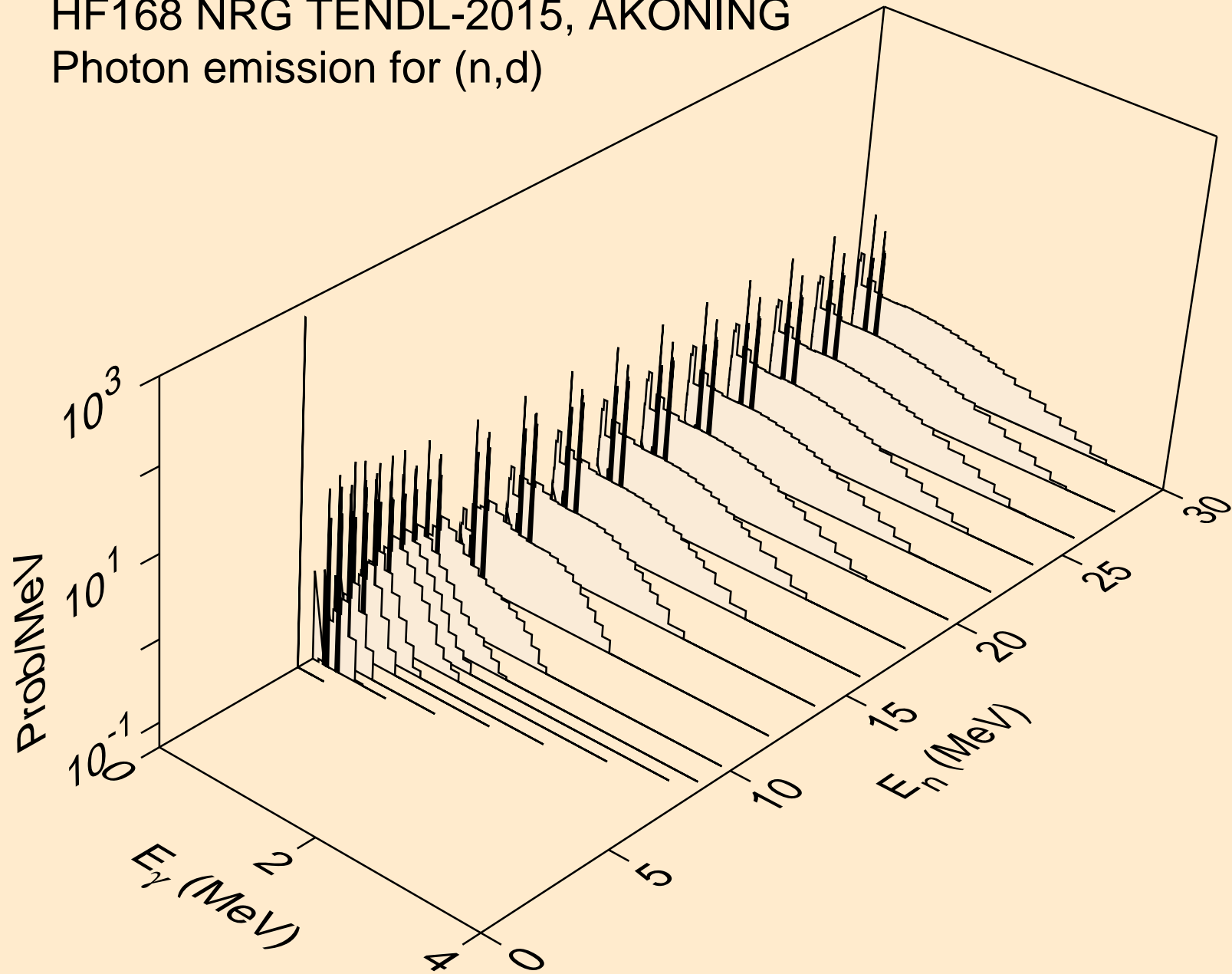


HF168 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

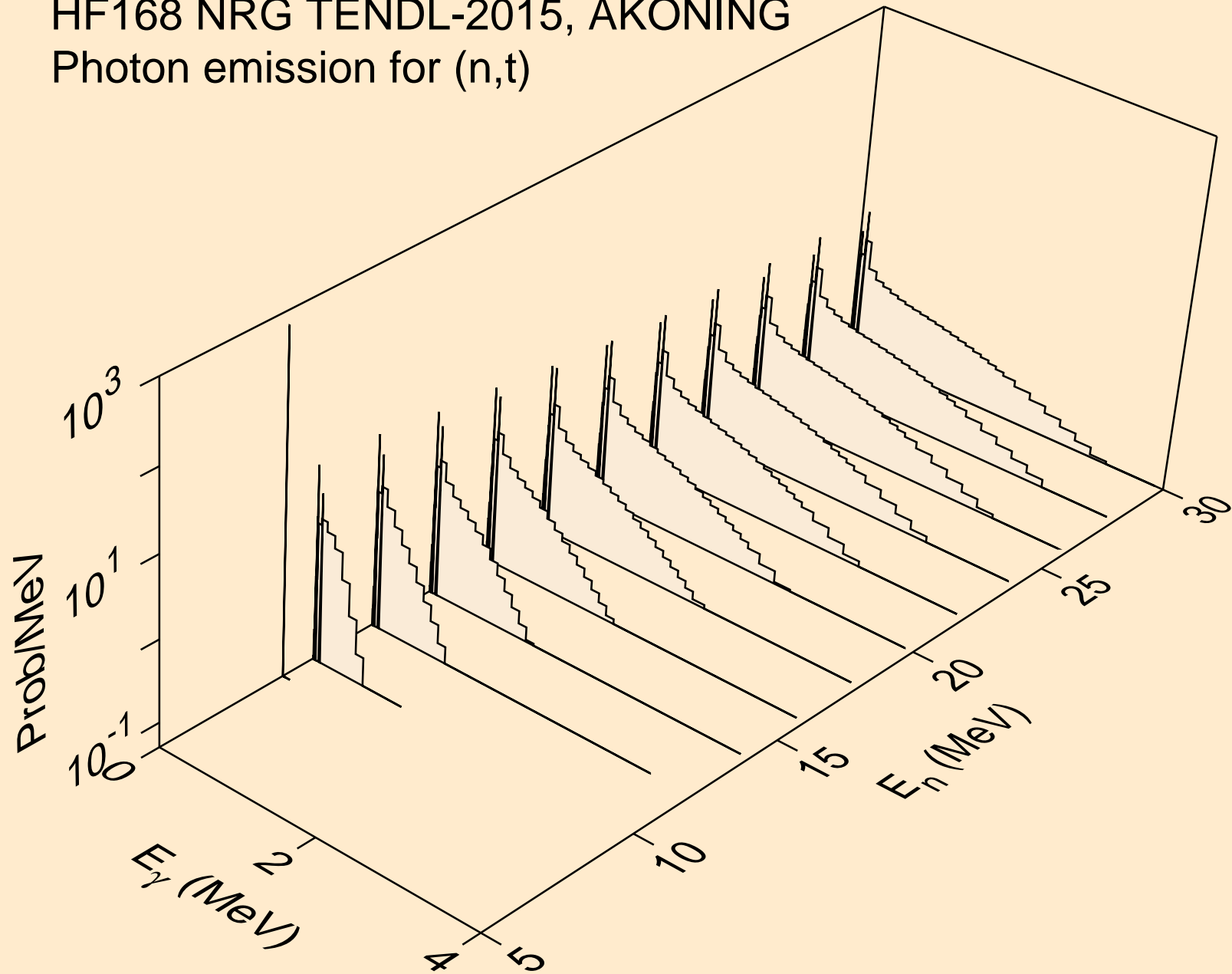




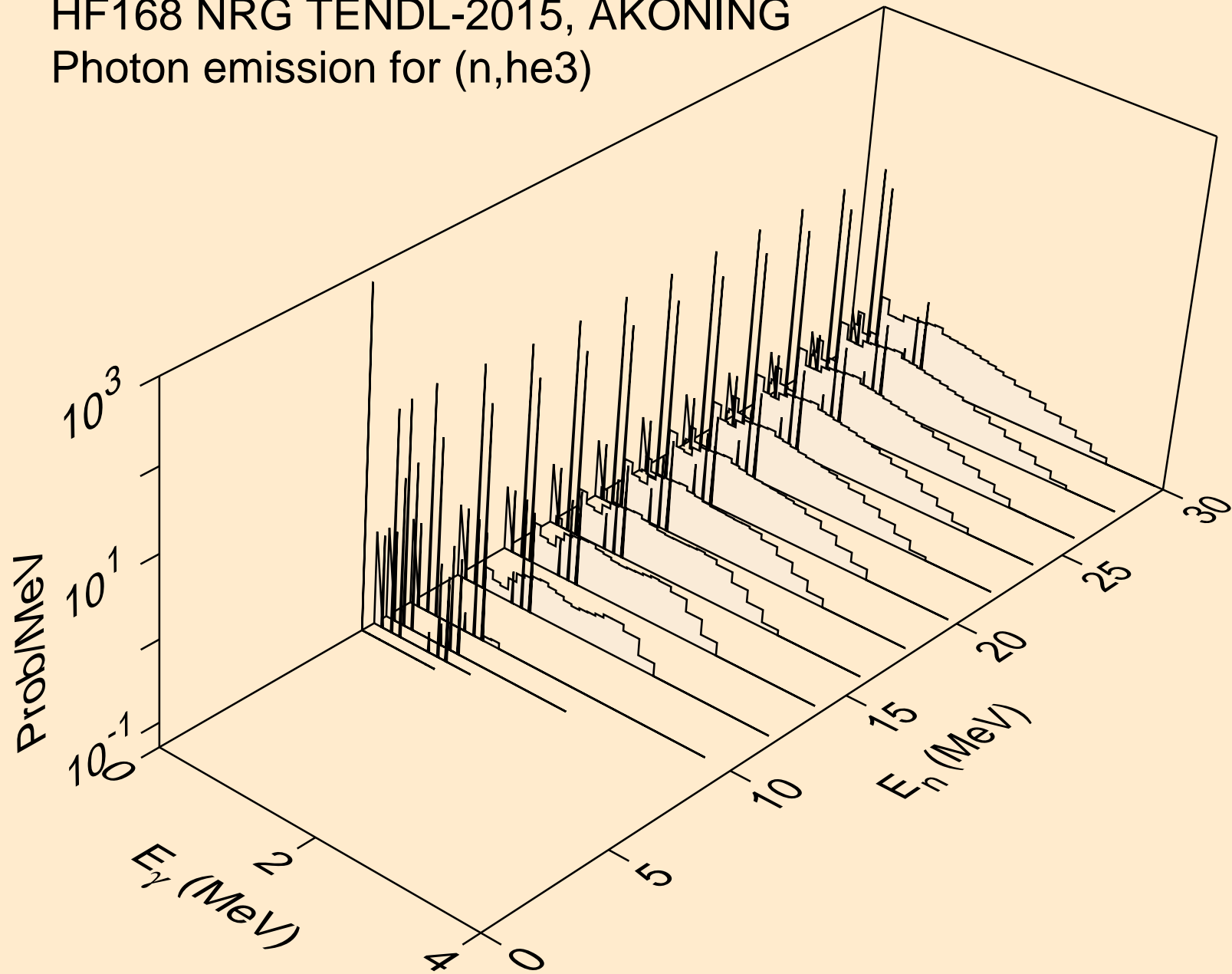
HF168 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



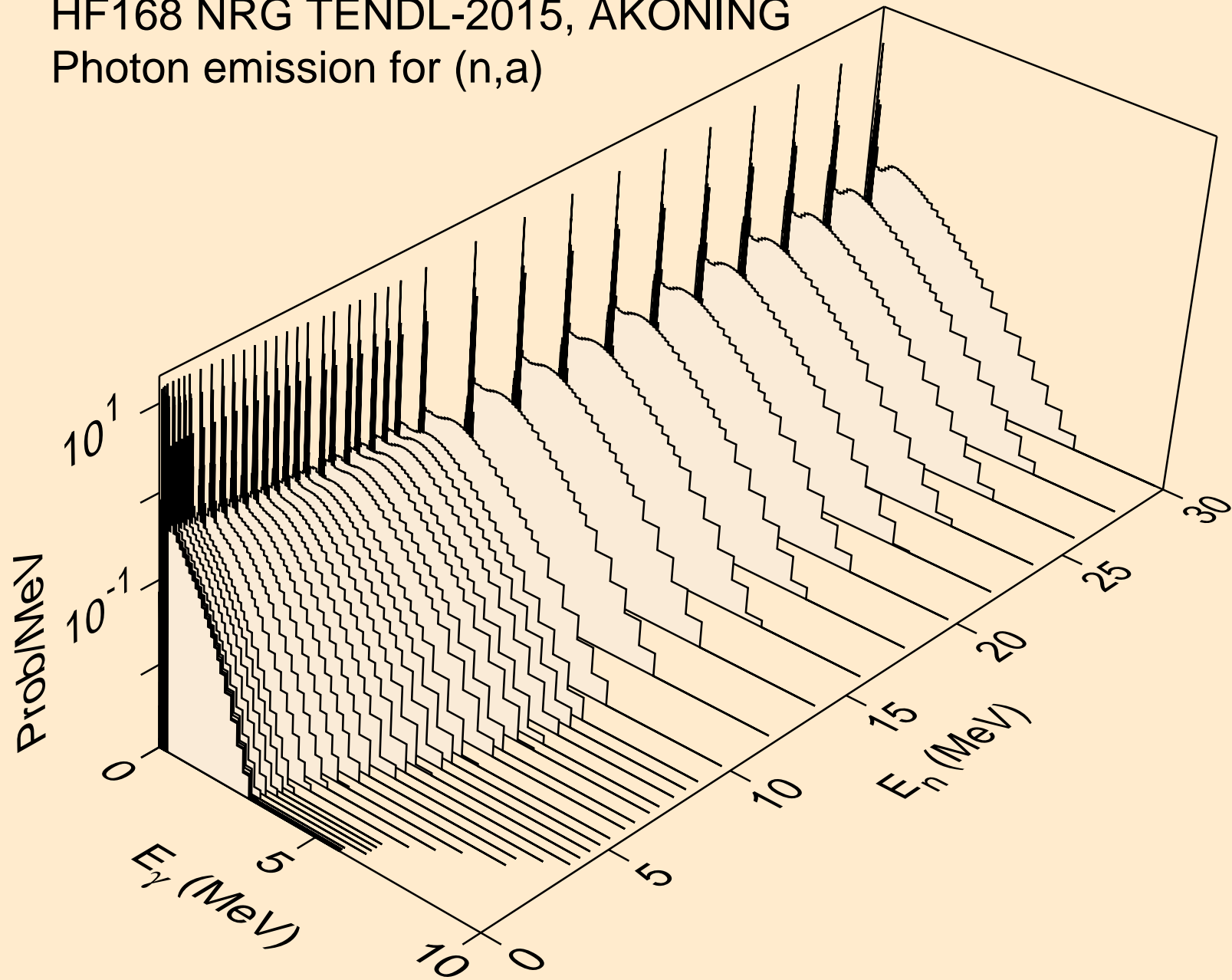
HF168 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



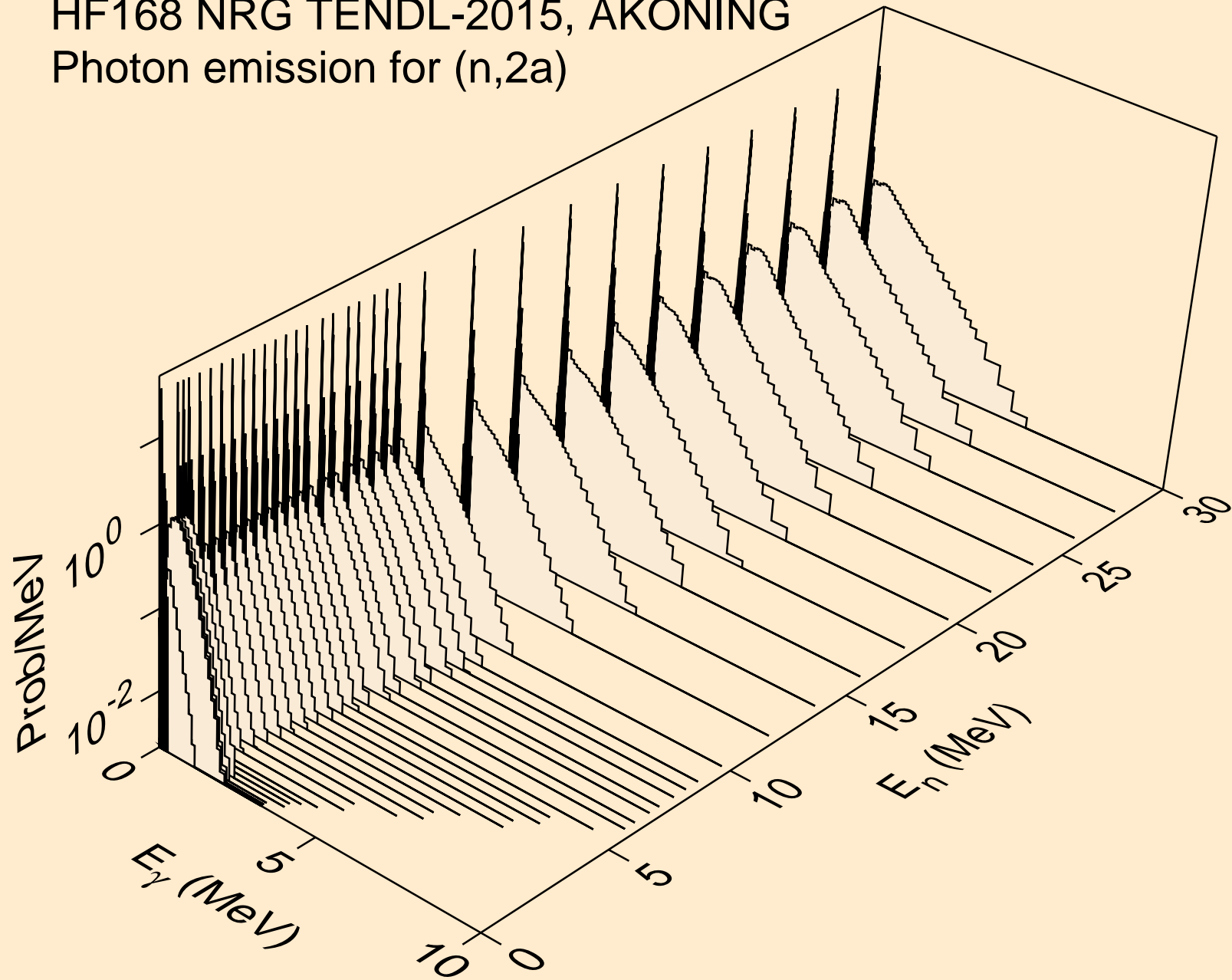
HF168 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



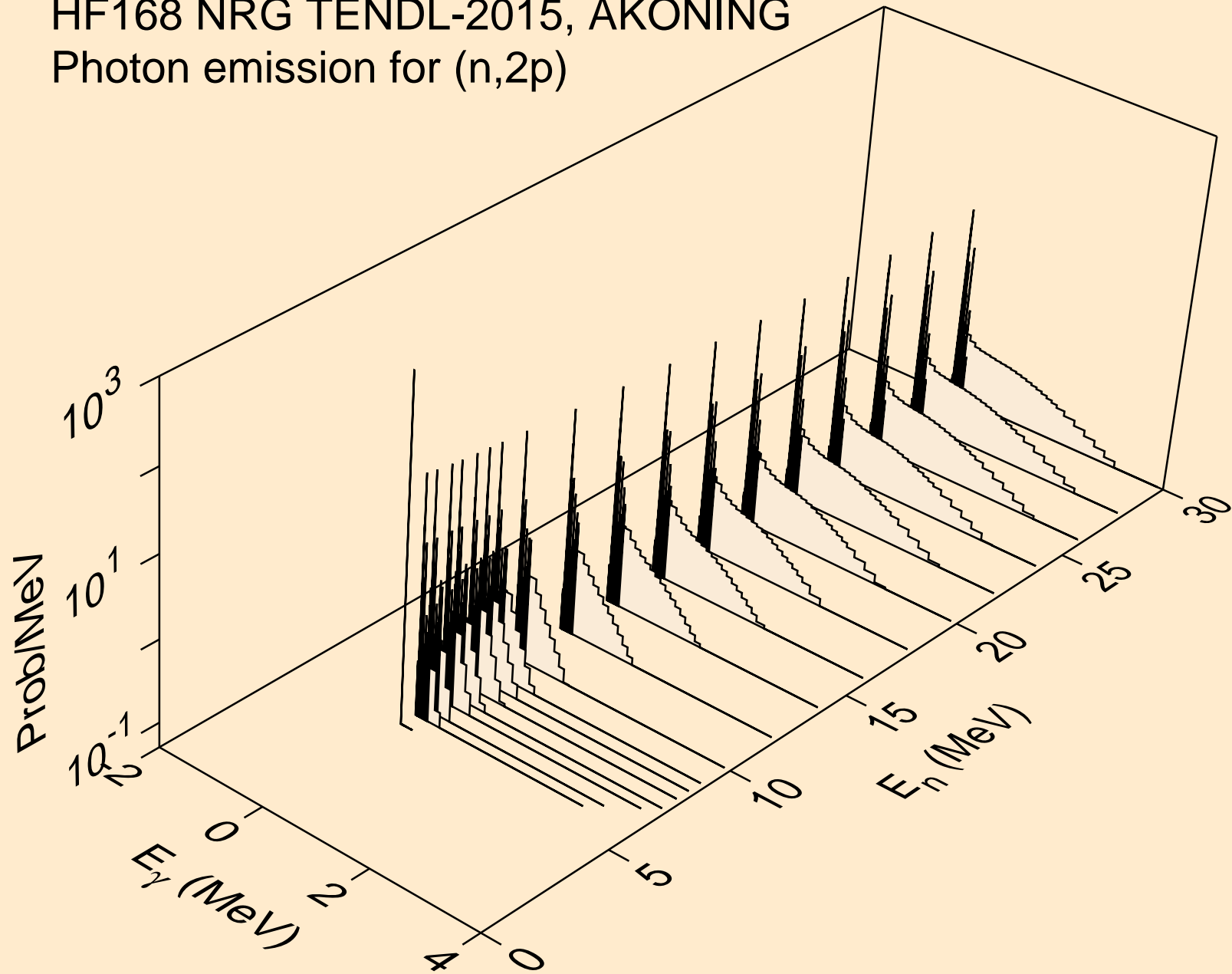
HF168 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



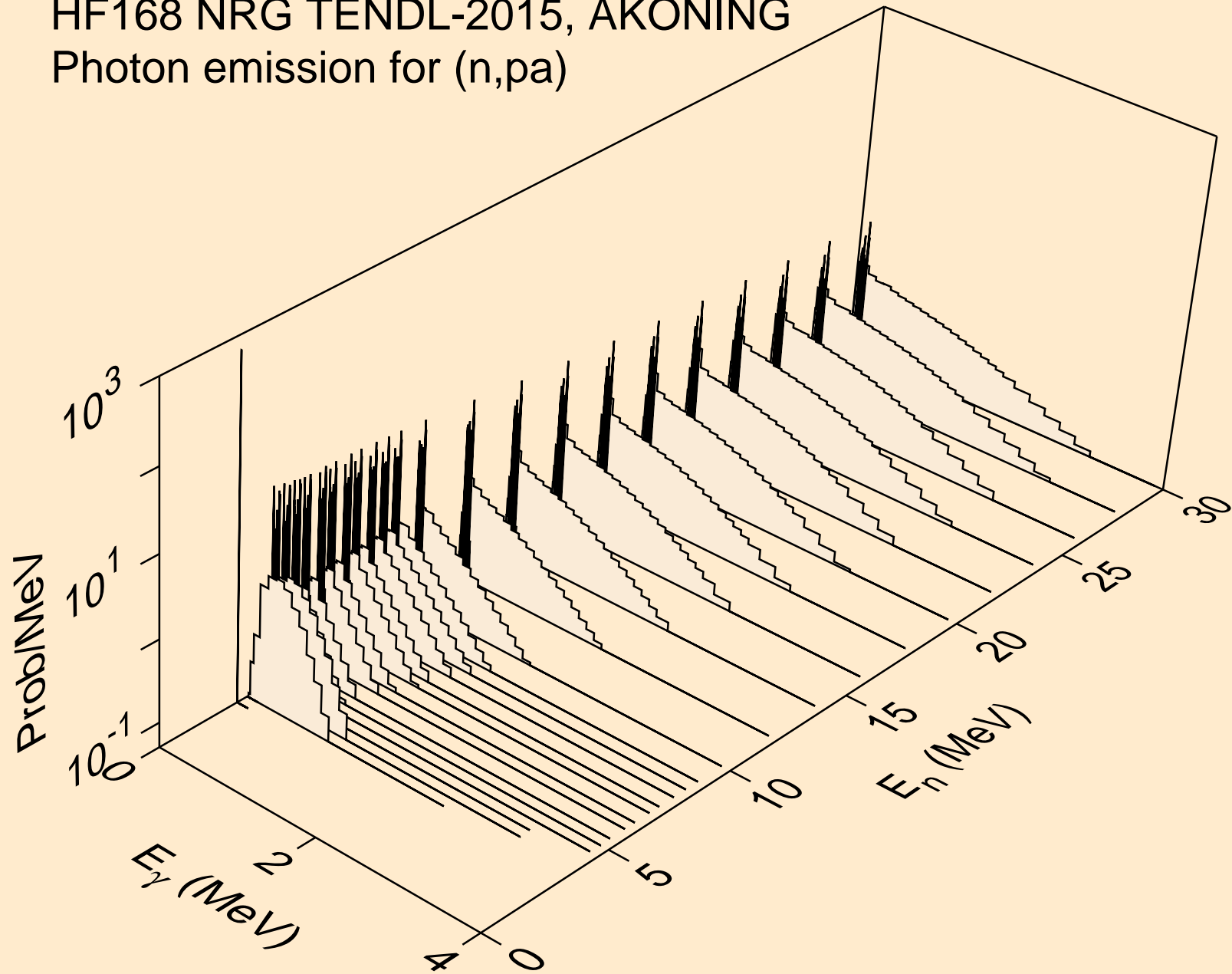
HF168 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



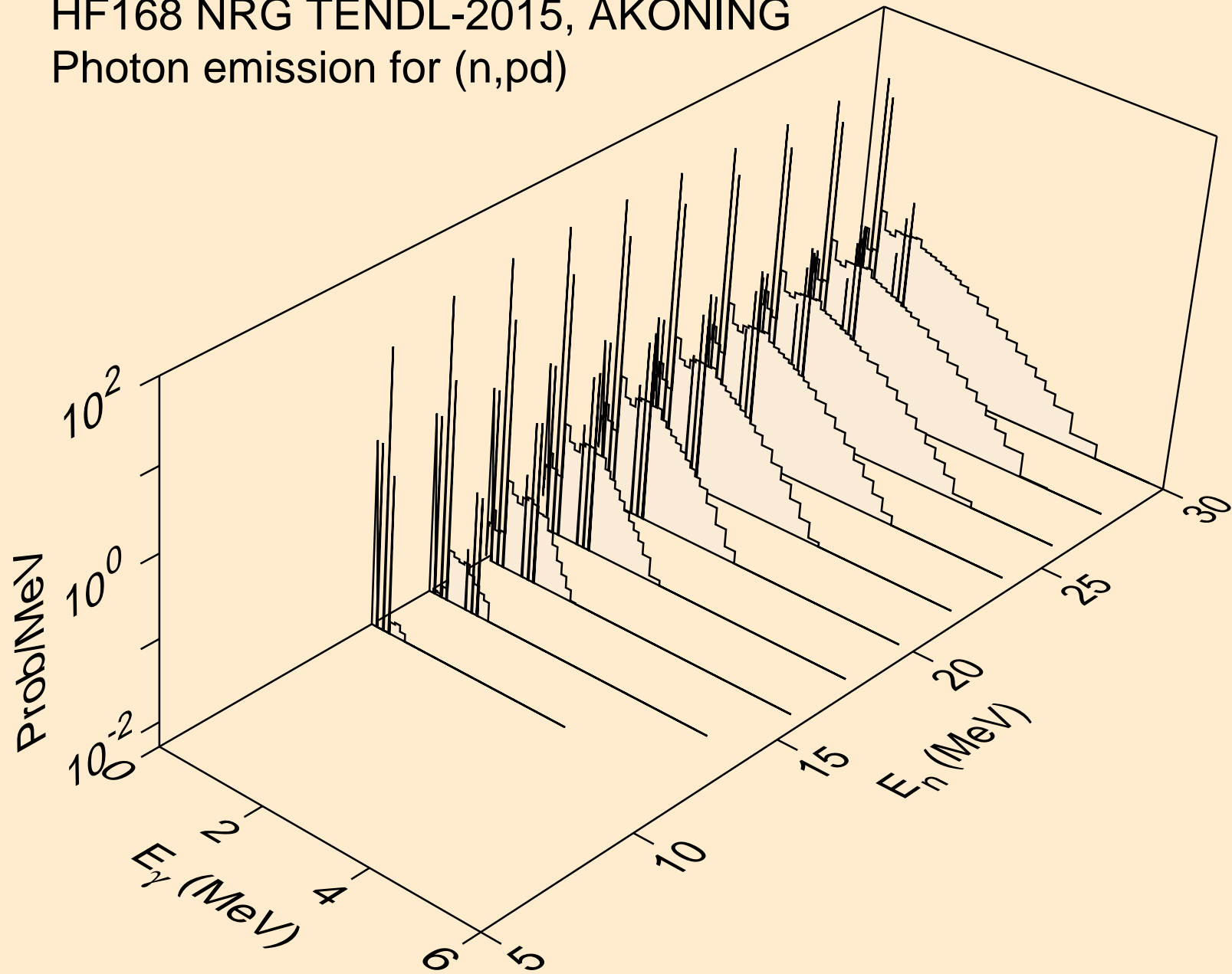
HF168 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



HF168 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

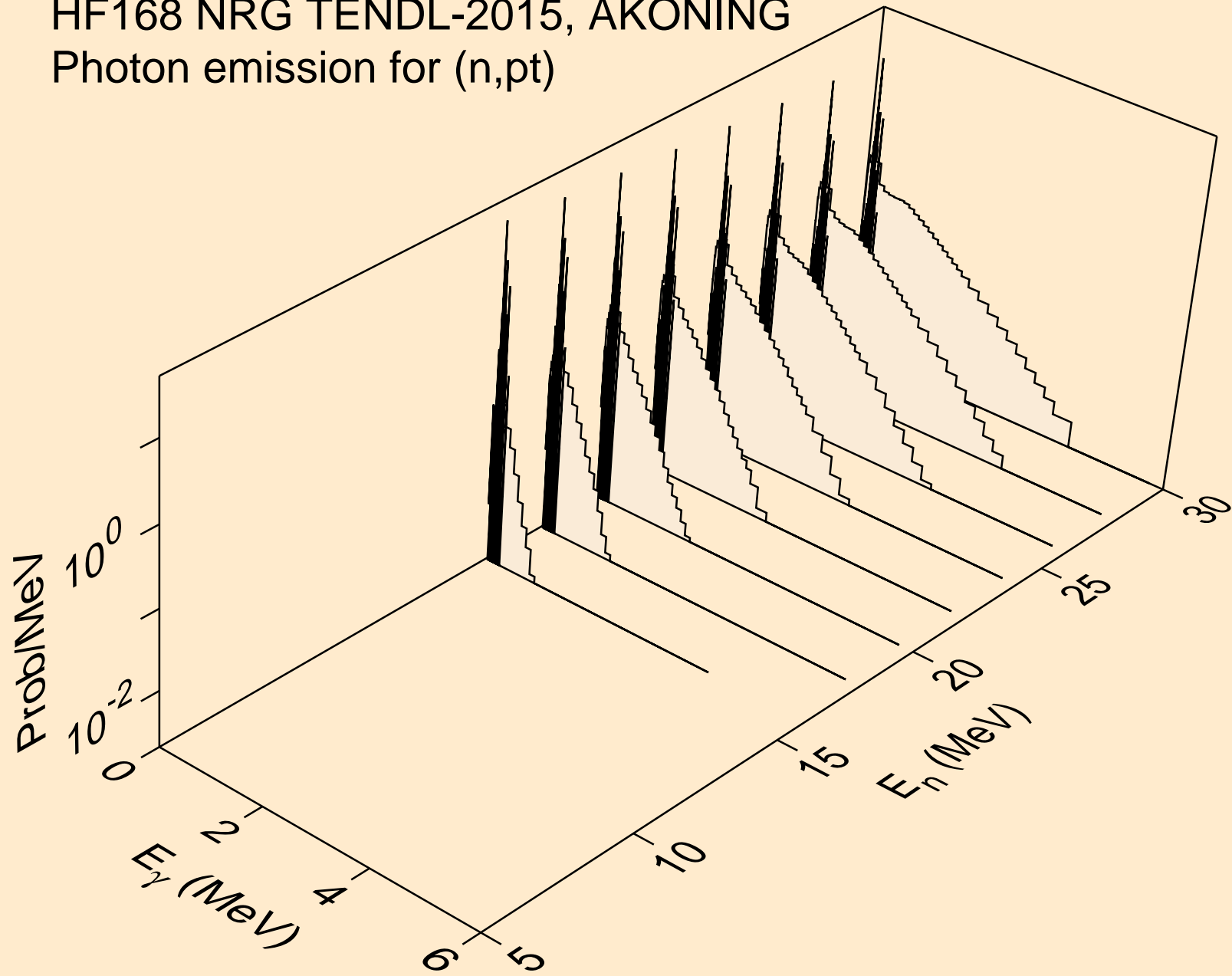


HF168 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

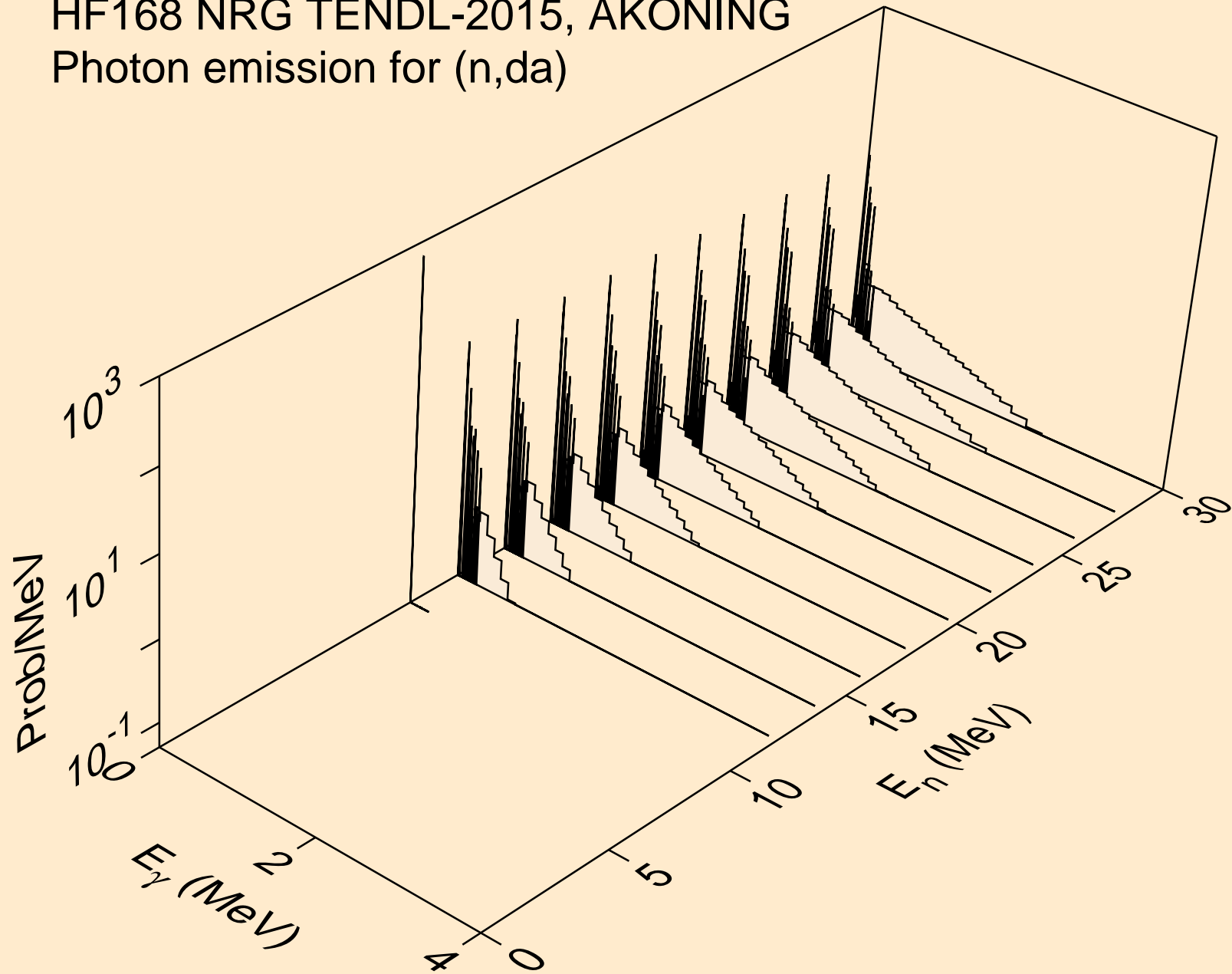




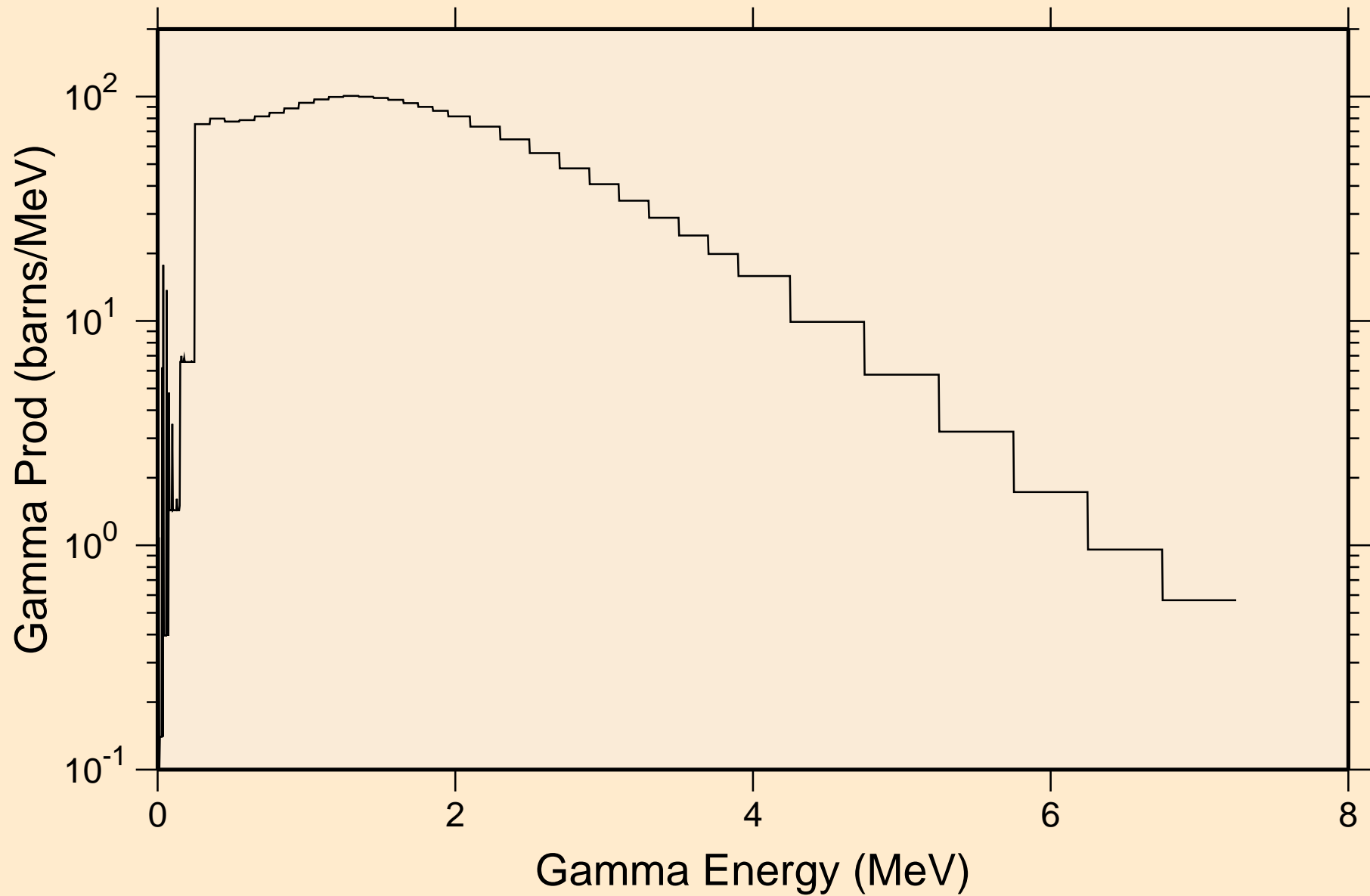
HF168 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



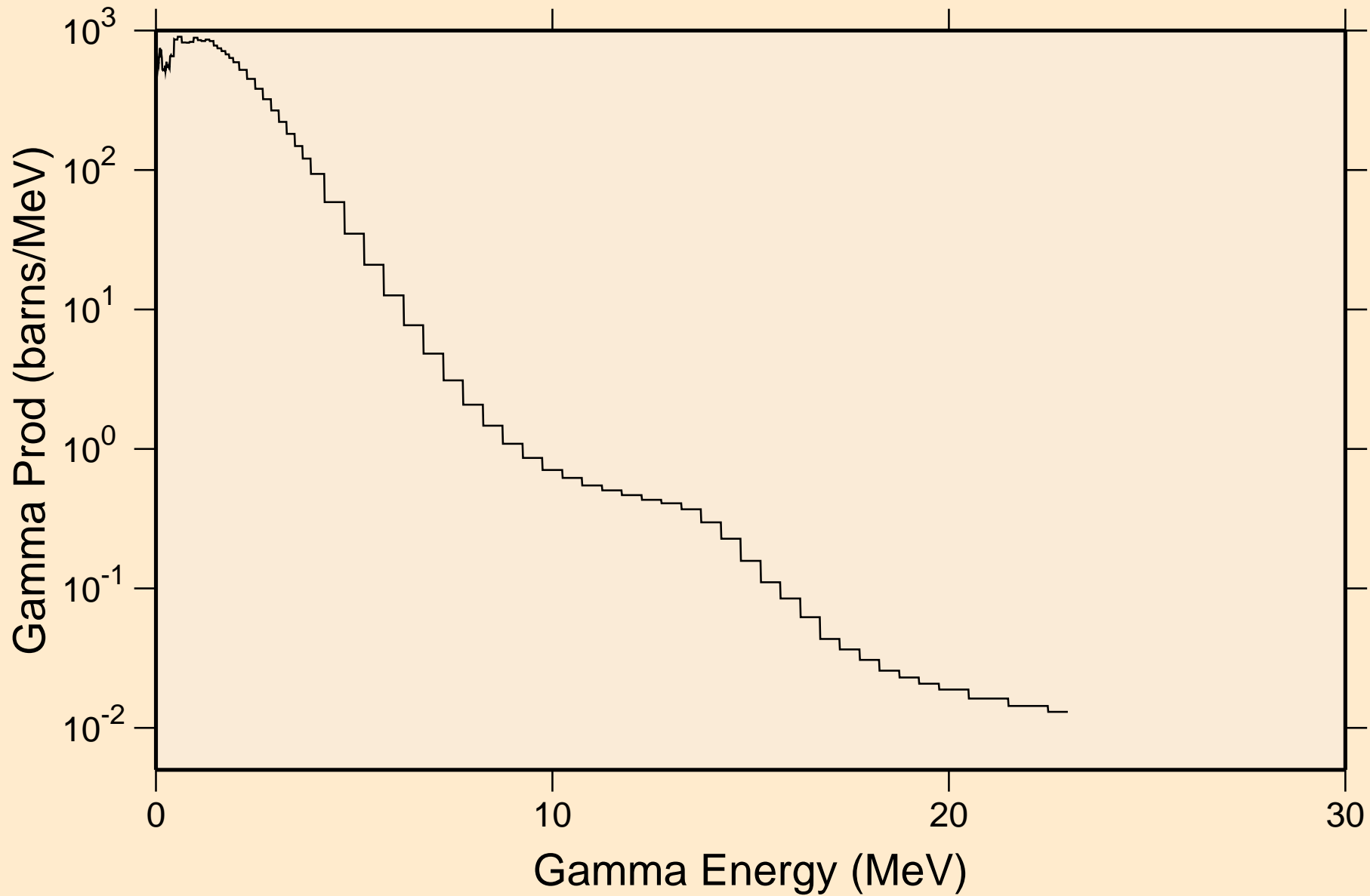
HF168 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



HF168 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

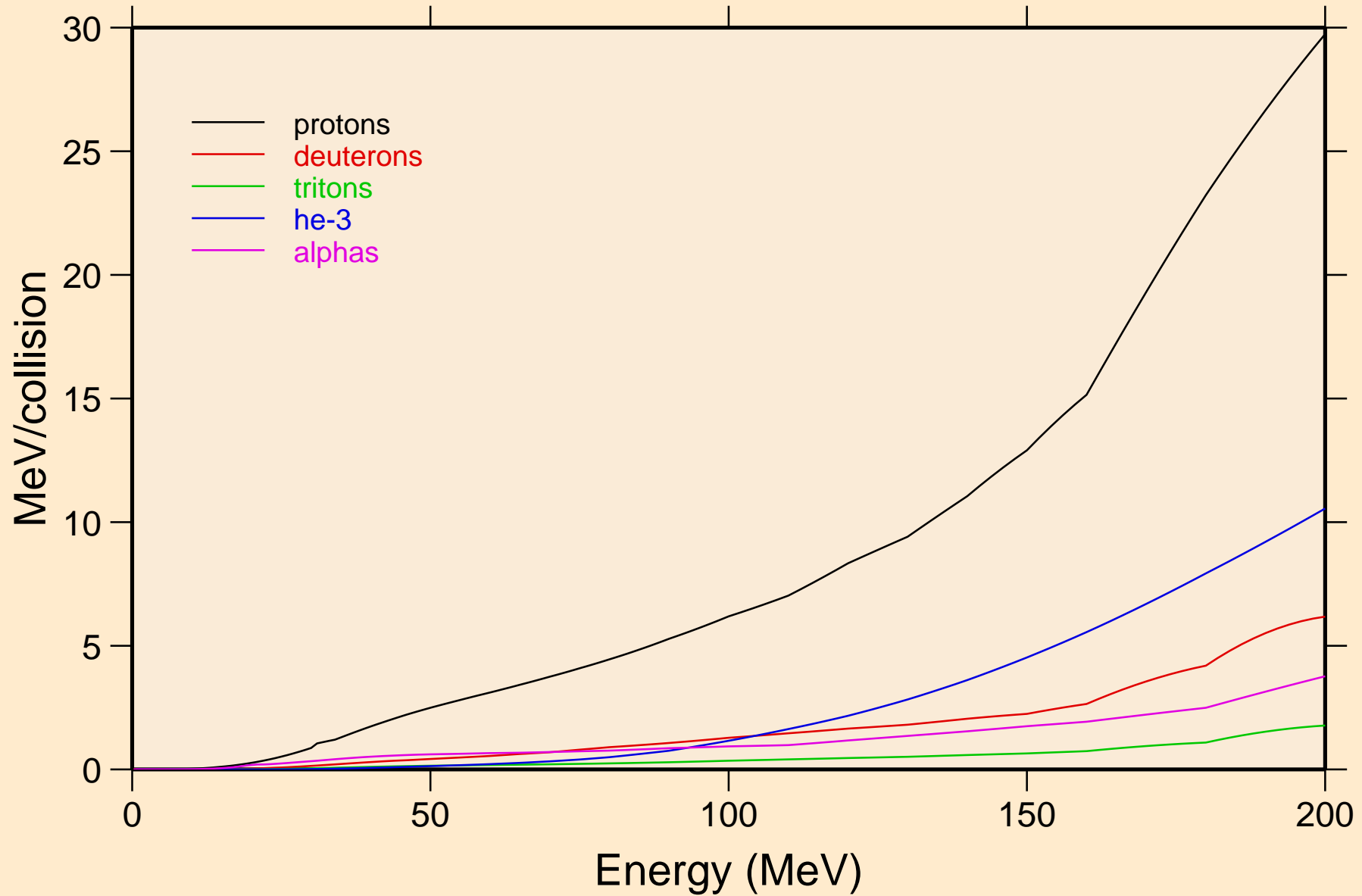


HF168 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



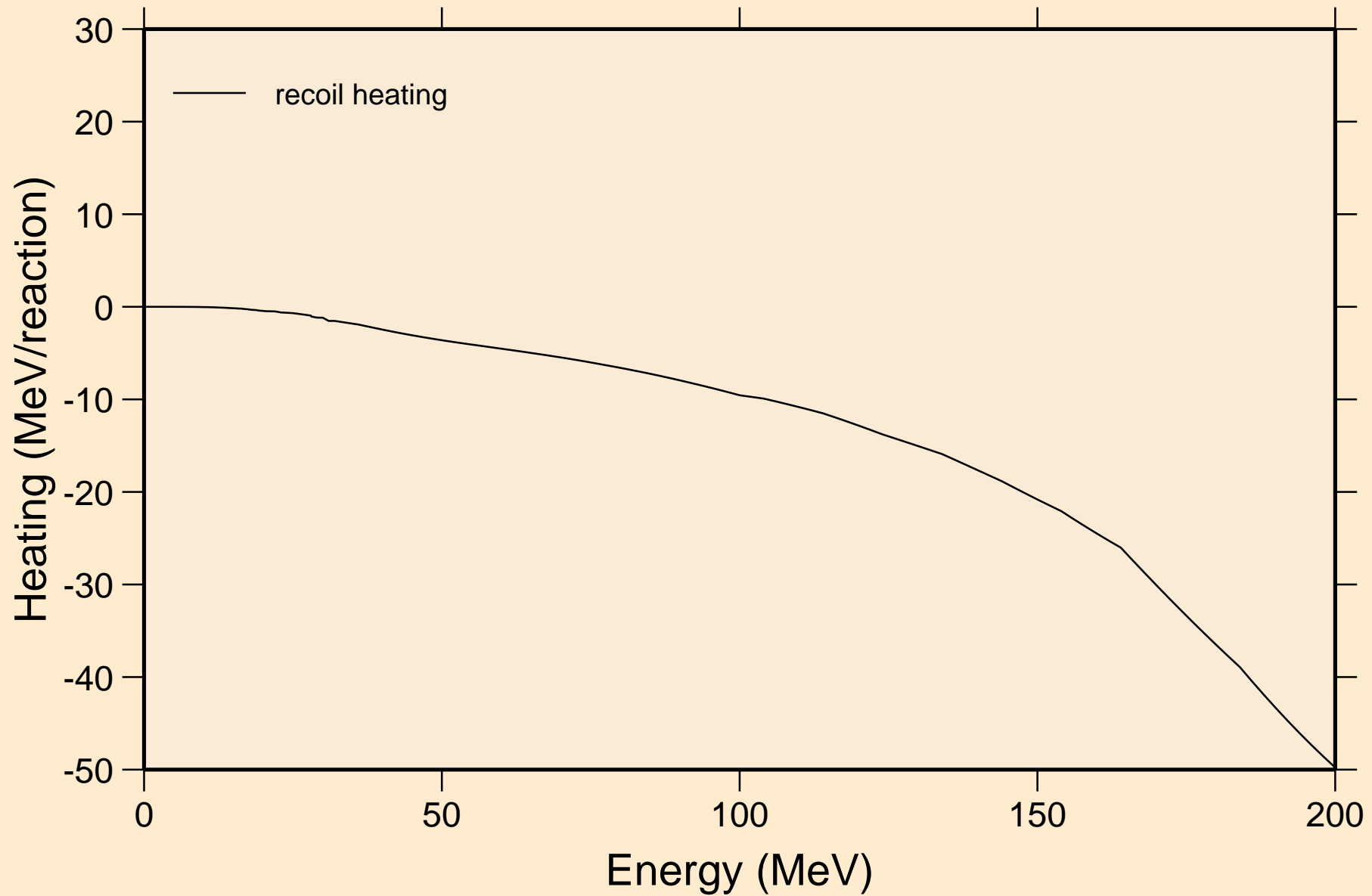
# HF168 NRG TENDL-2015, AKONING

## Particle heating contributions



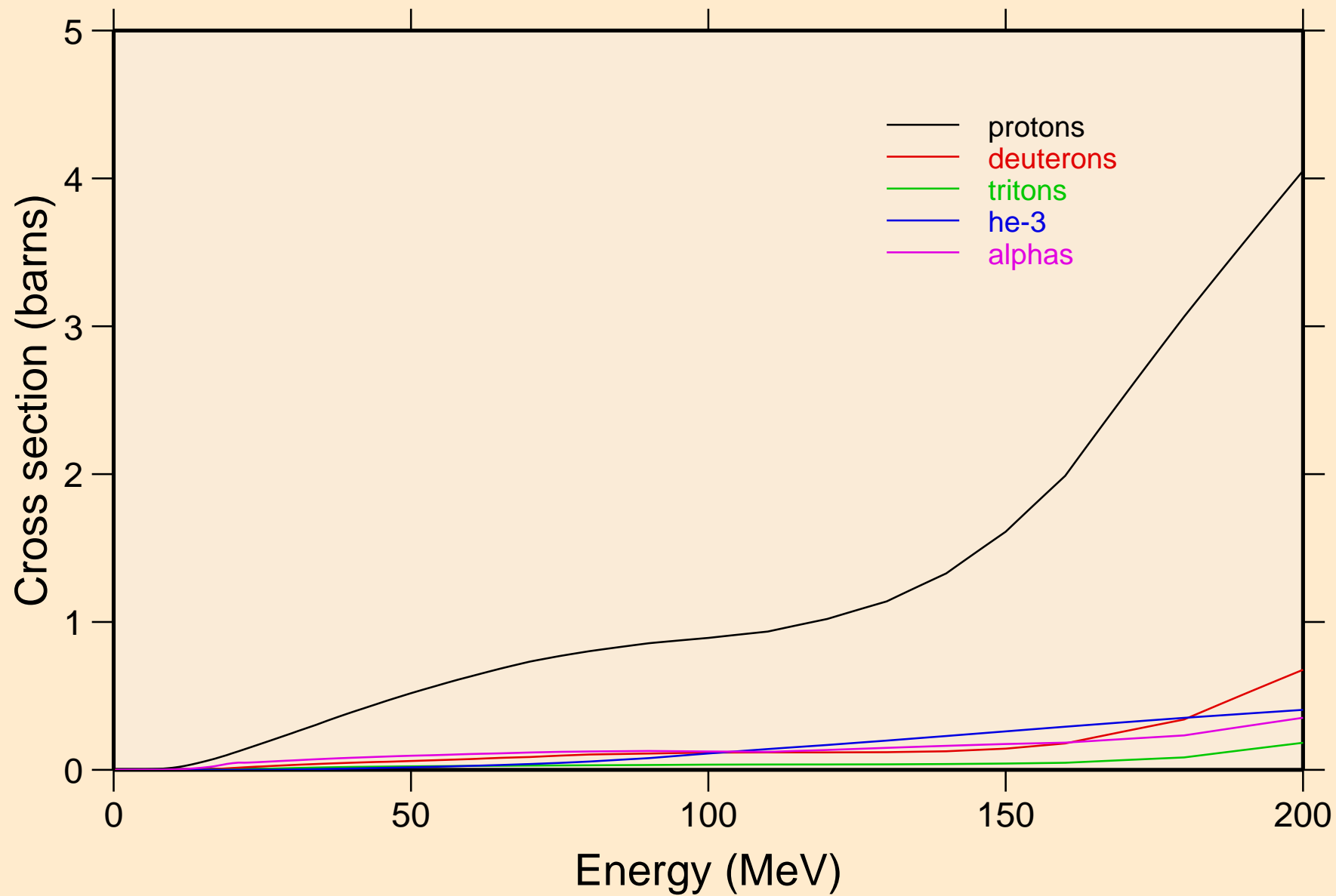
# HF168 NRG TENDL-2015, AKONING

## Recoil Heating

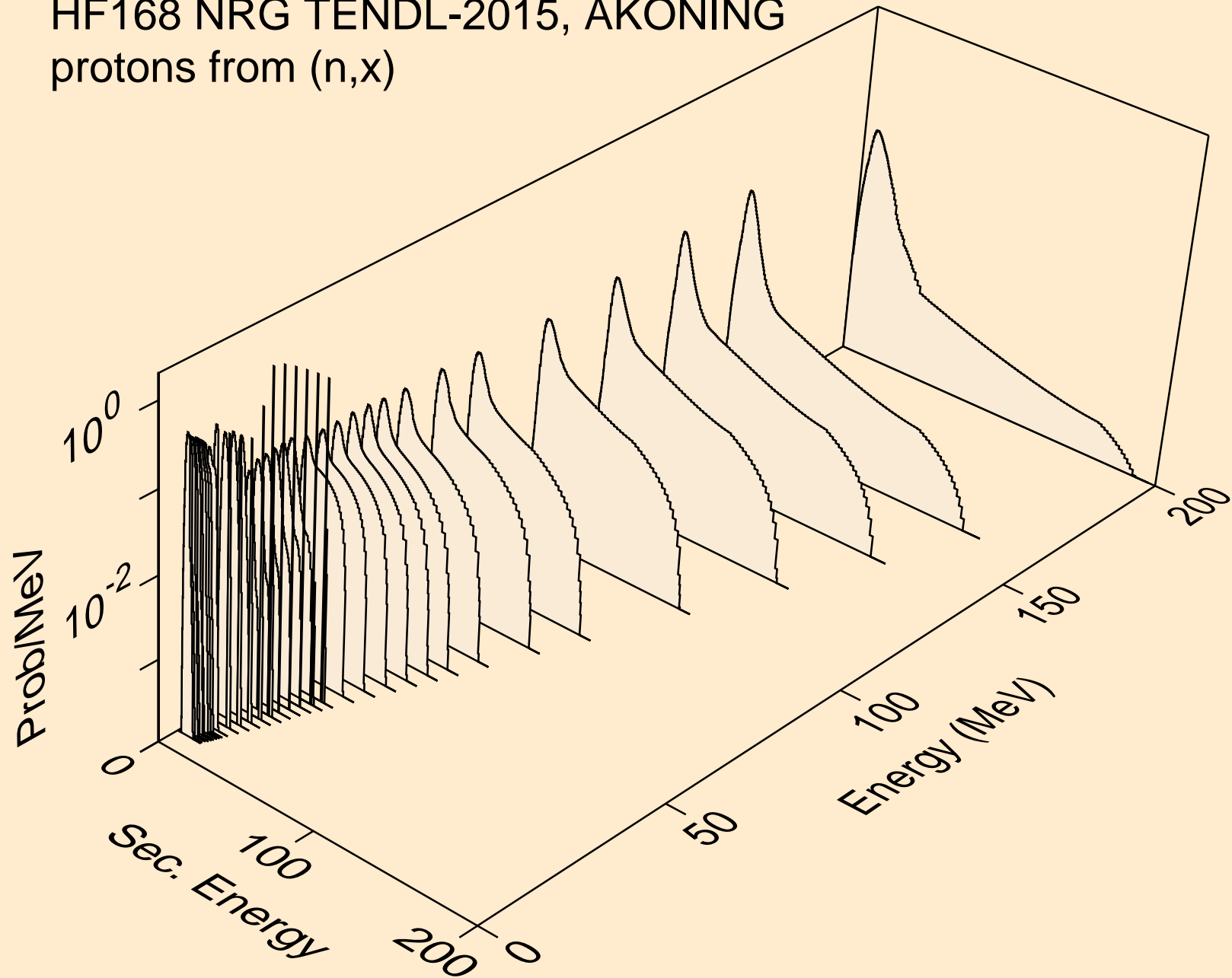


# HF168 NRG TENDL-2015, AKONING

## Particle production cross sections

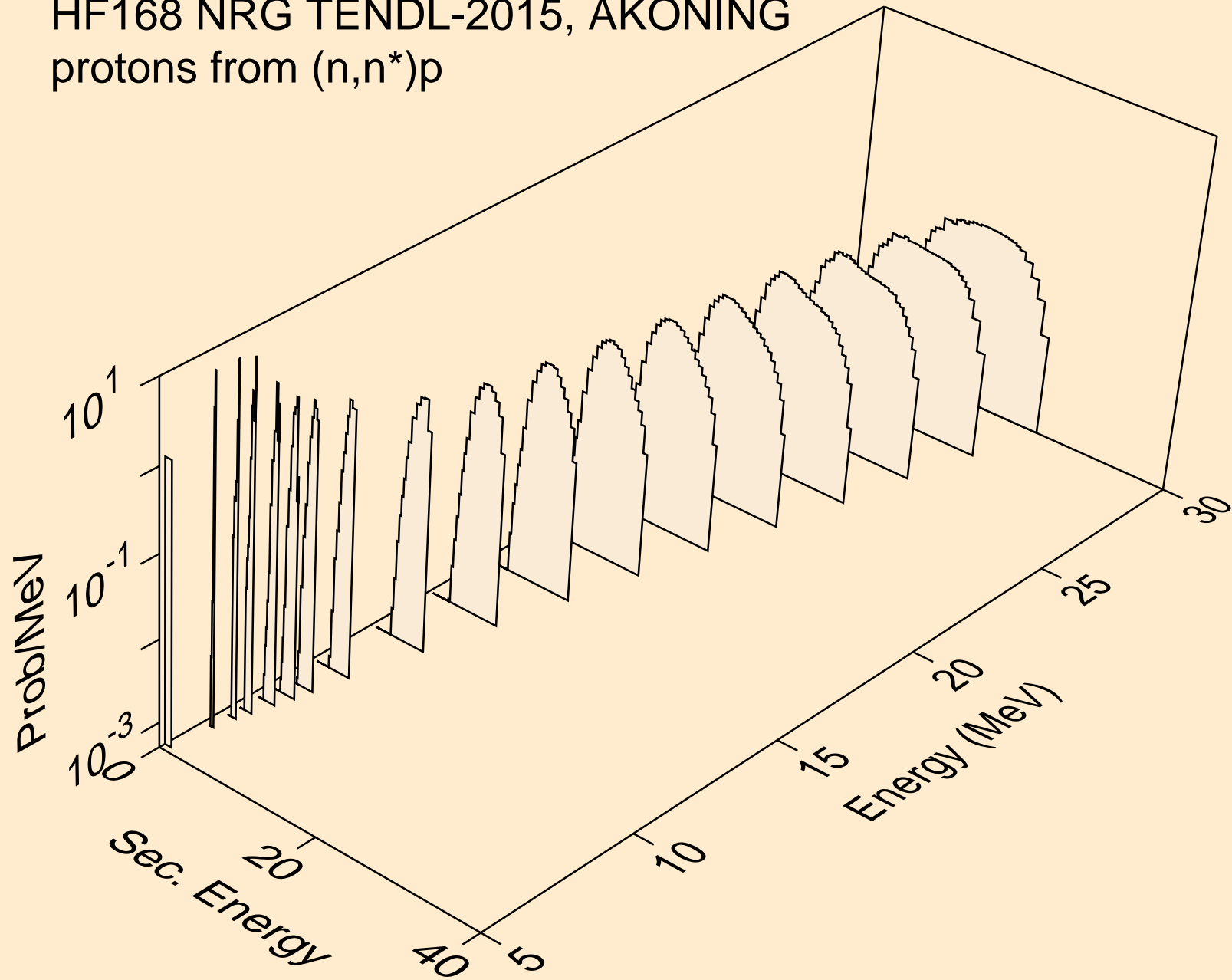


HF168 NRG TENDL-2015, AKONING  
protons from (n,x)

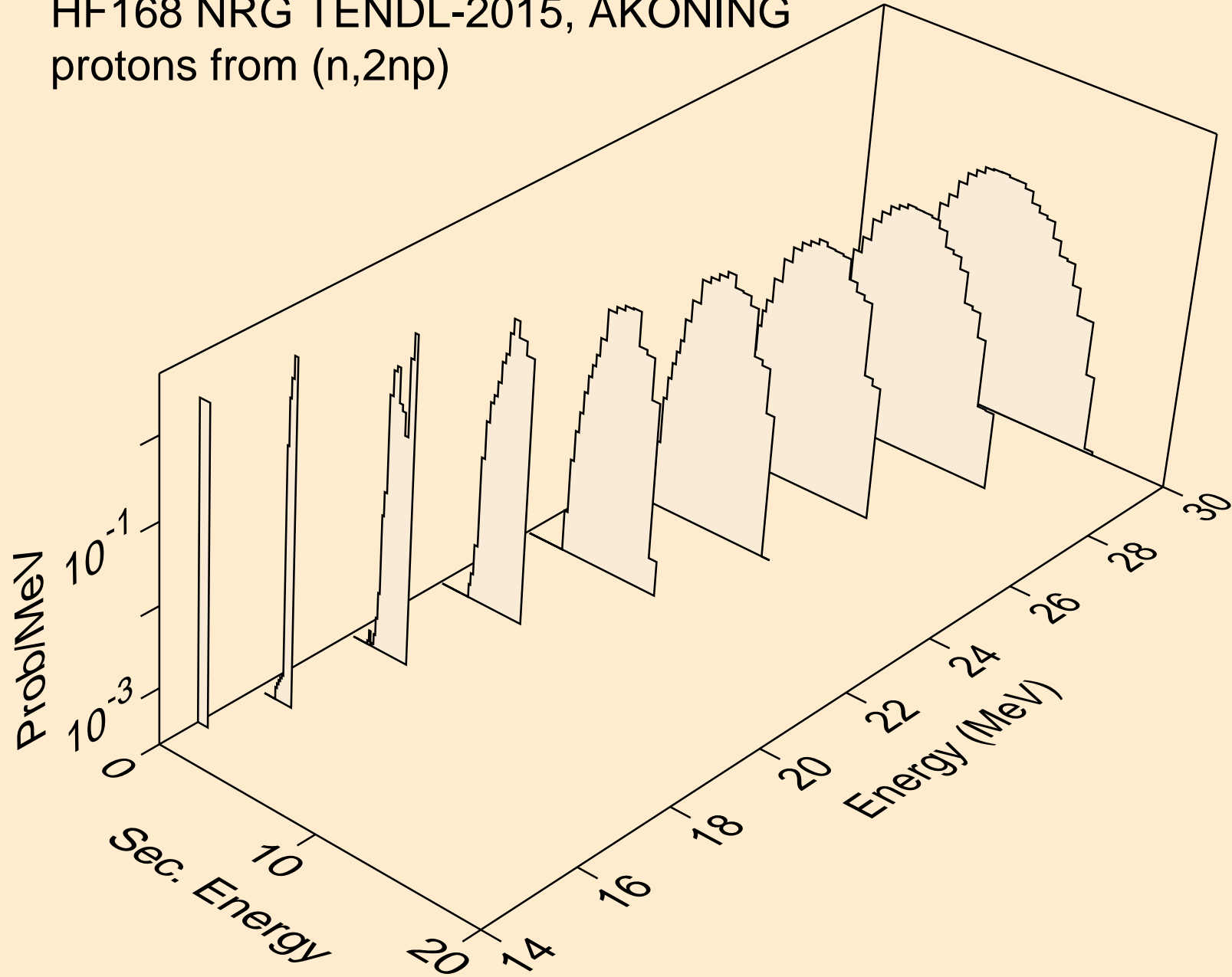




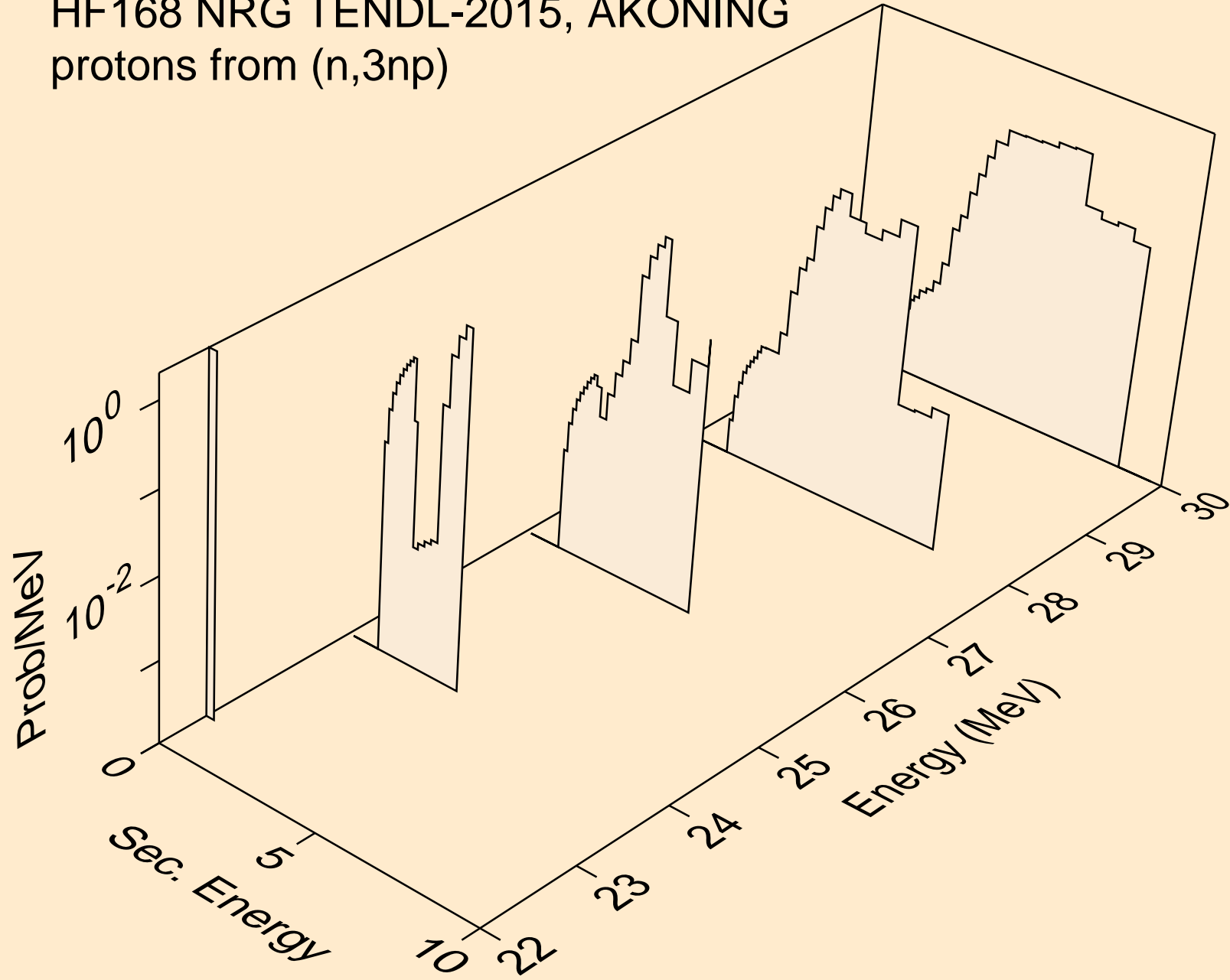
HF168 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



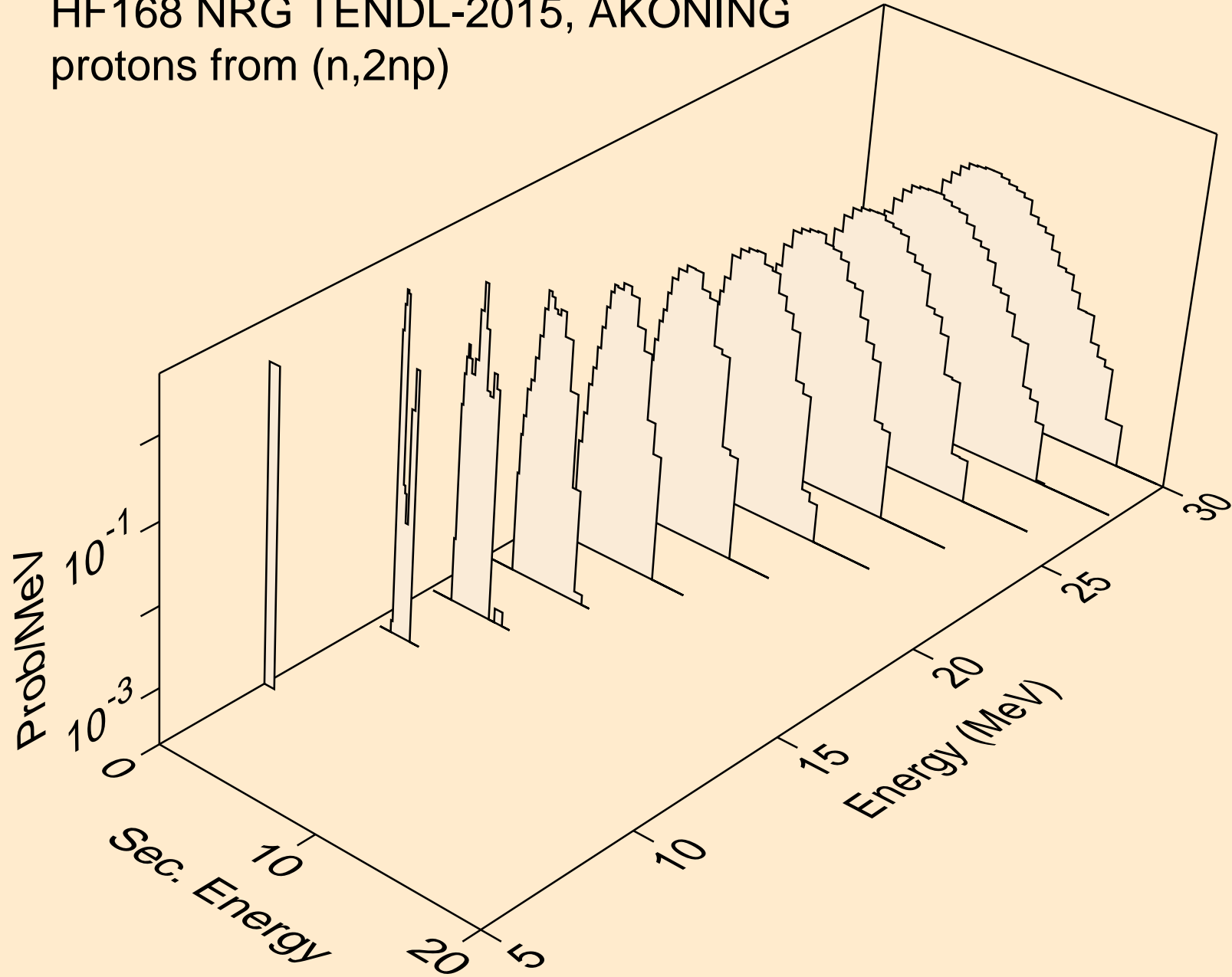
HF168 NRG TENDL-2015, AKONING  
protons from (n,2np)



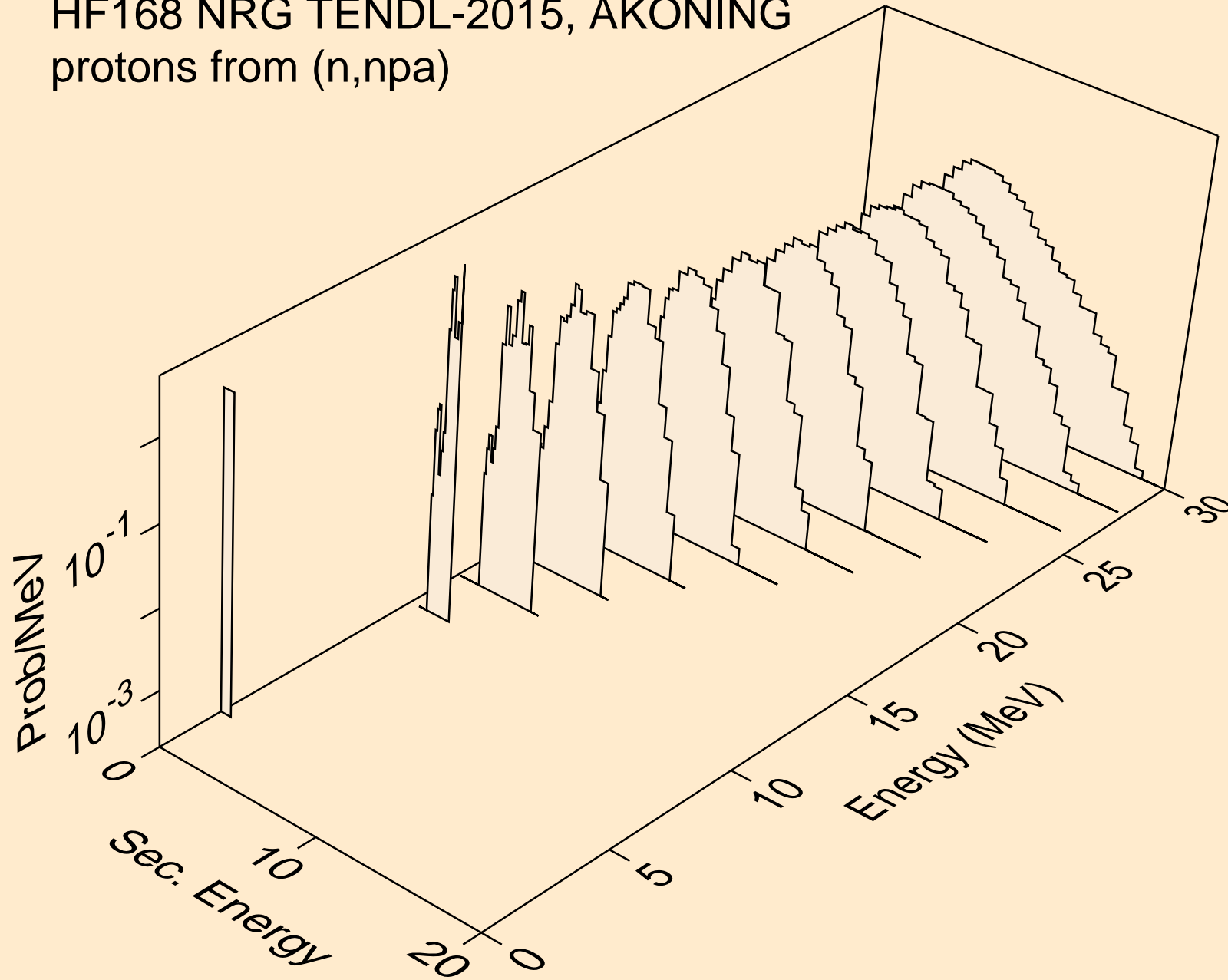
HF168 NRG TENDL-2015, AKONING  
protons from (n,3np)



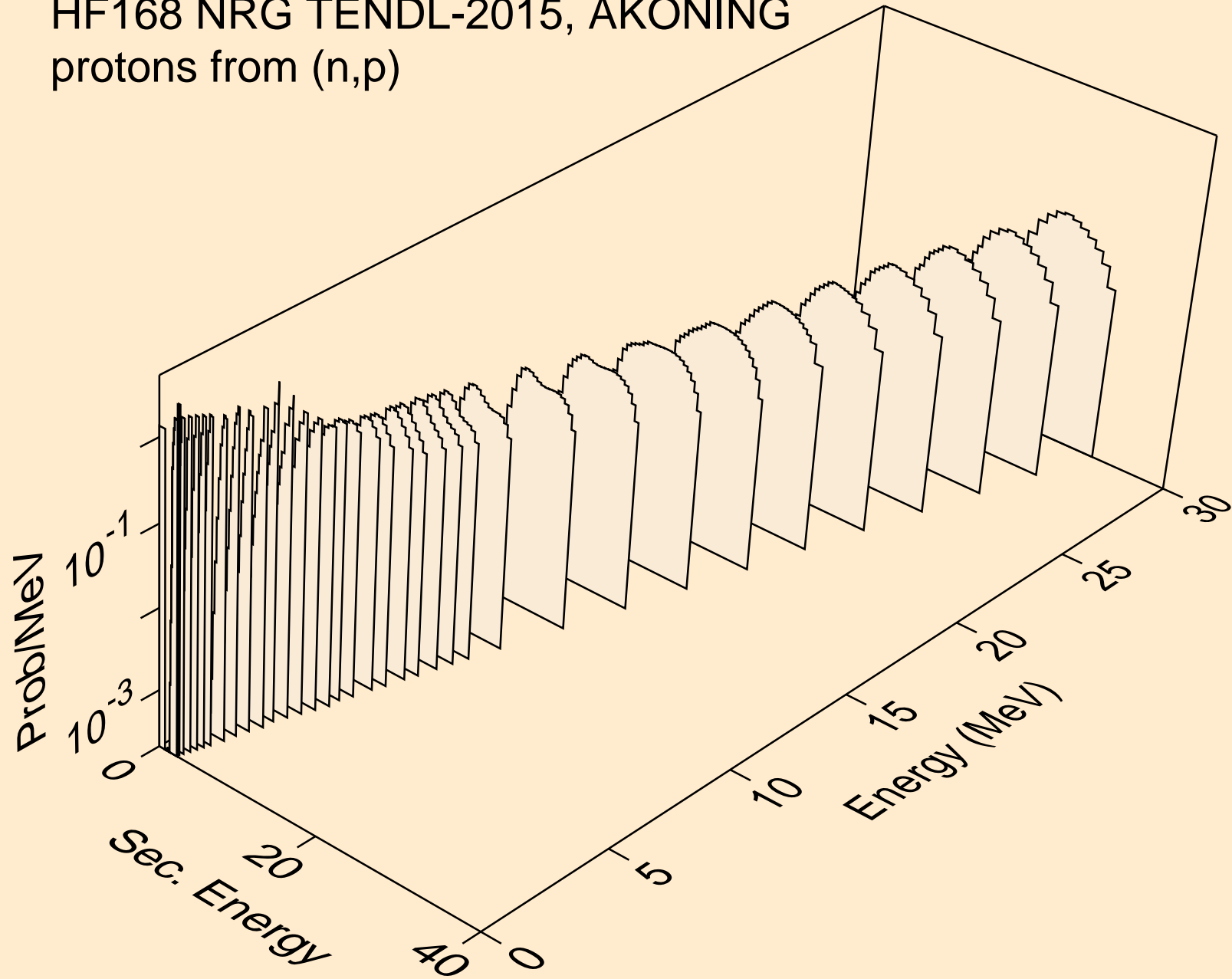
HF168 NRG TENDL-2015, AKONING  
protons from (n,2np)



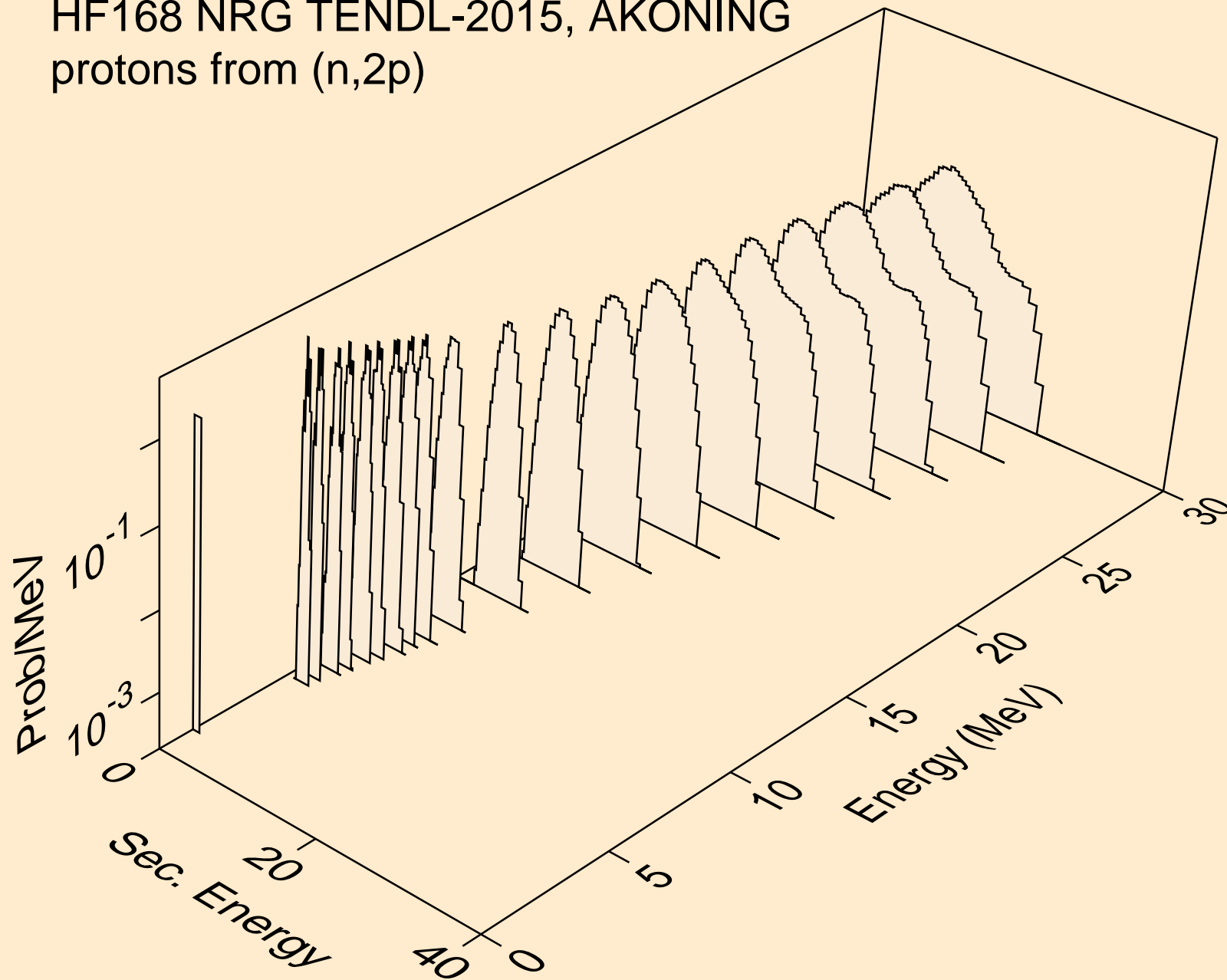
HF168 NRG TENDL-2015, AKONING  
protons from (n,npa)



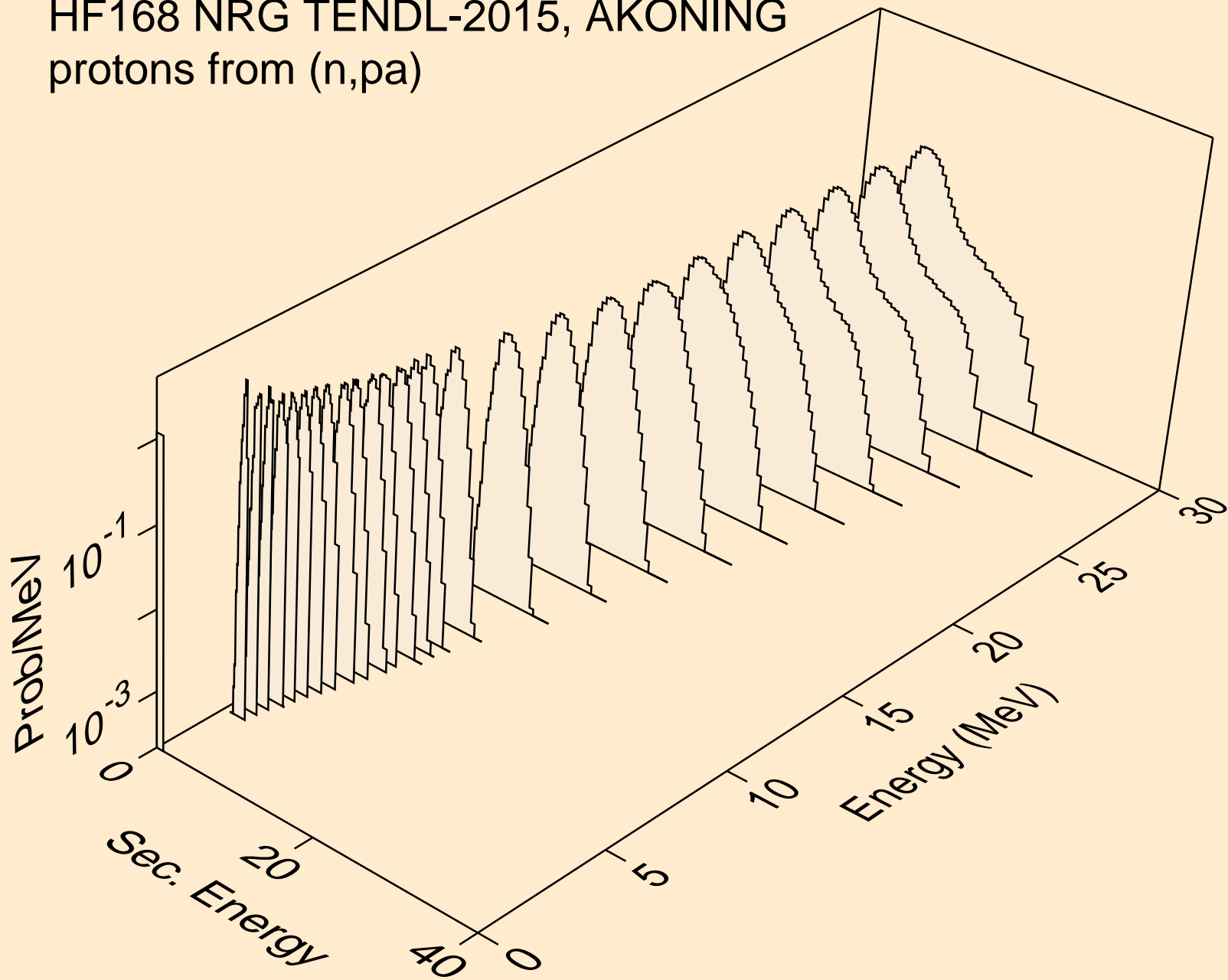
HF168 NRG TENDL-2015, AKONING  
protons from (n,p)



HF168 NRG TENDL-2015, AKONING  
protons from (n,2p)

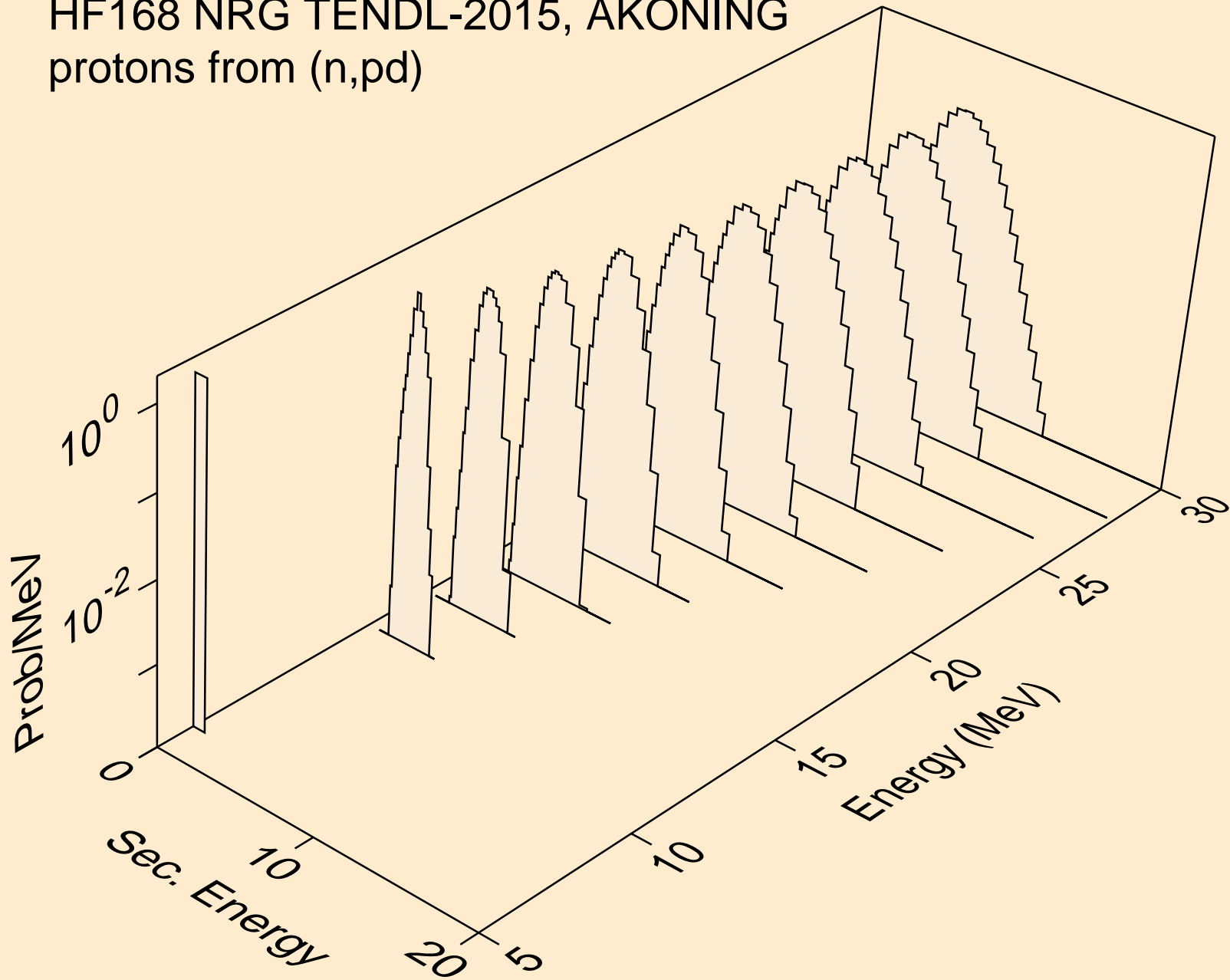


HF168 NRG TENDL-2015, AKONING  
protons from (n,pa)

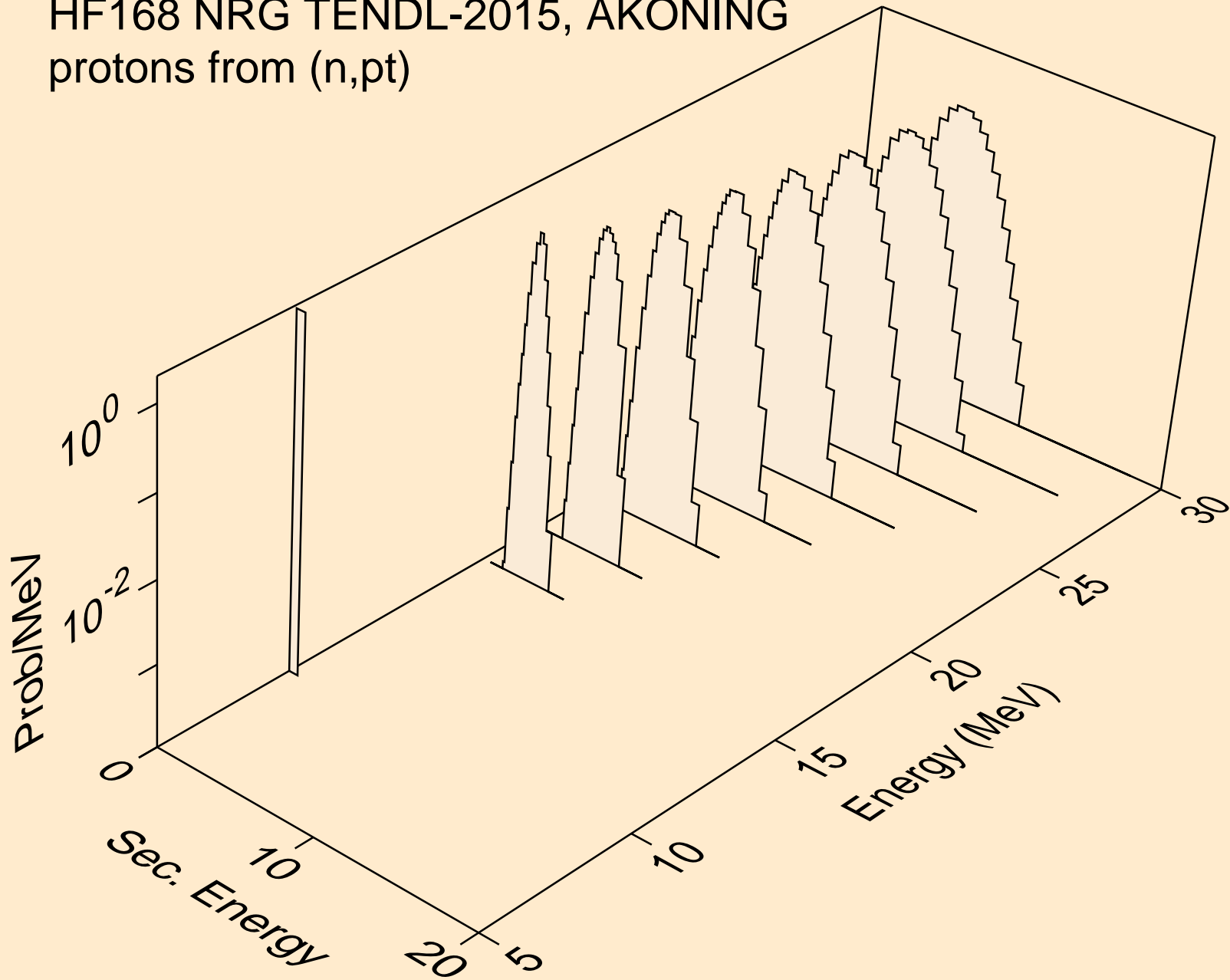




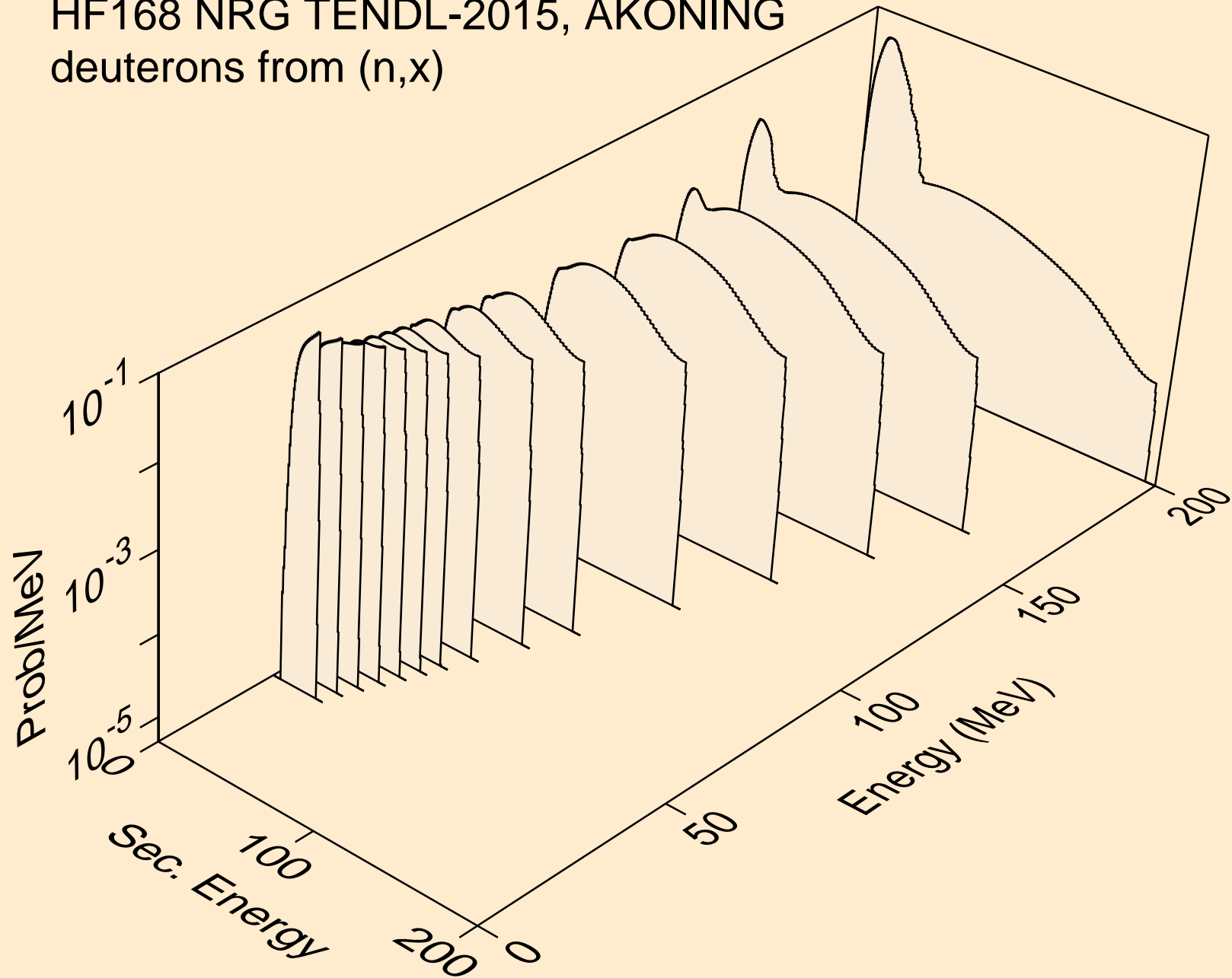
HF168 NRG TENDL-2015, AKONING  
protons from (n,pd)



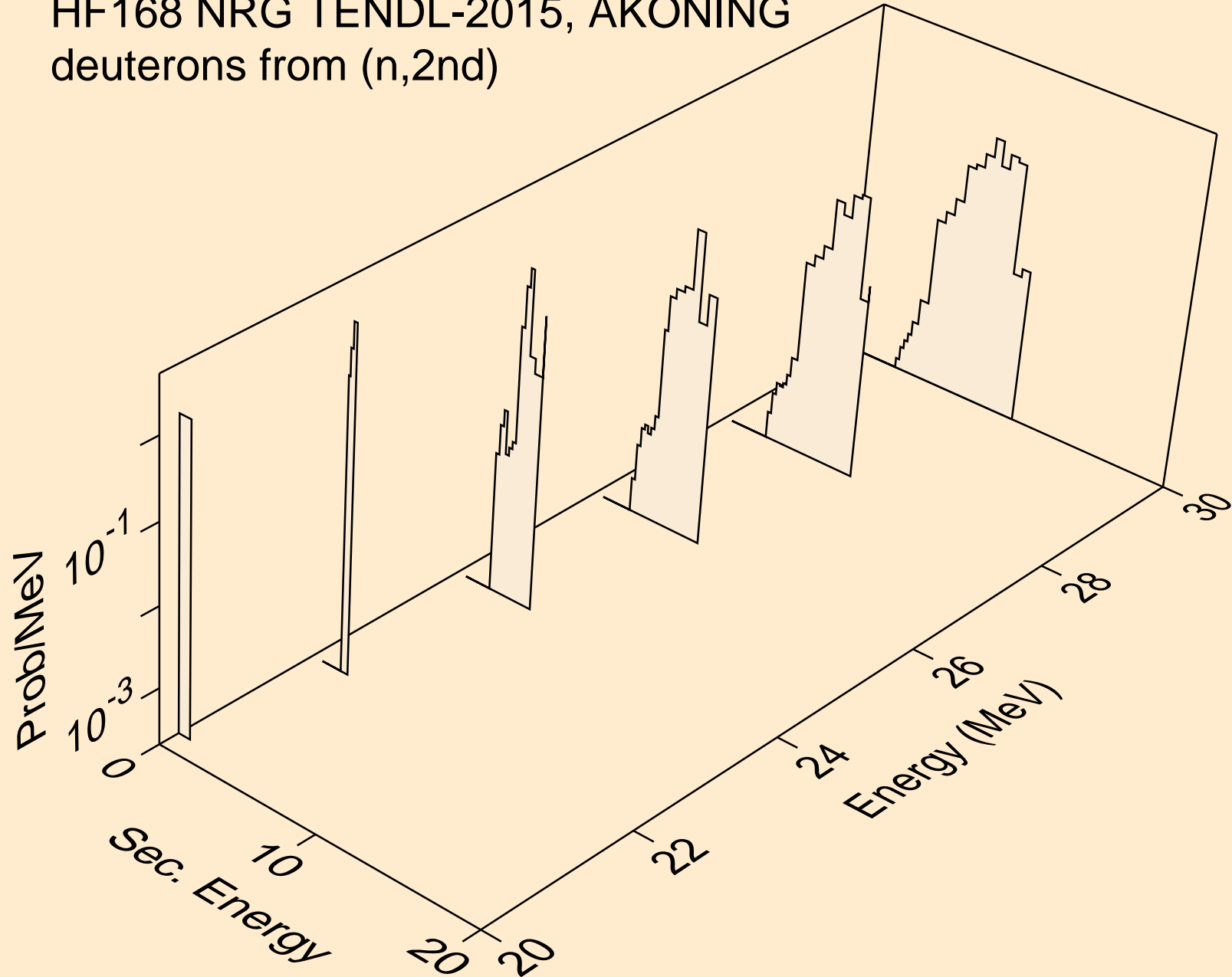
HF168 NRG TENDL-2015, AKONING  
protons from (n,pt)



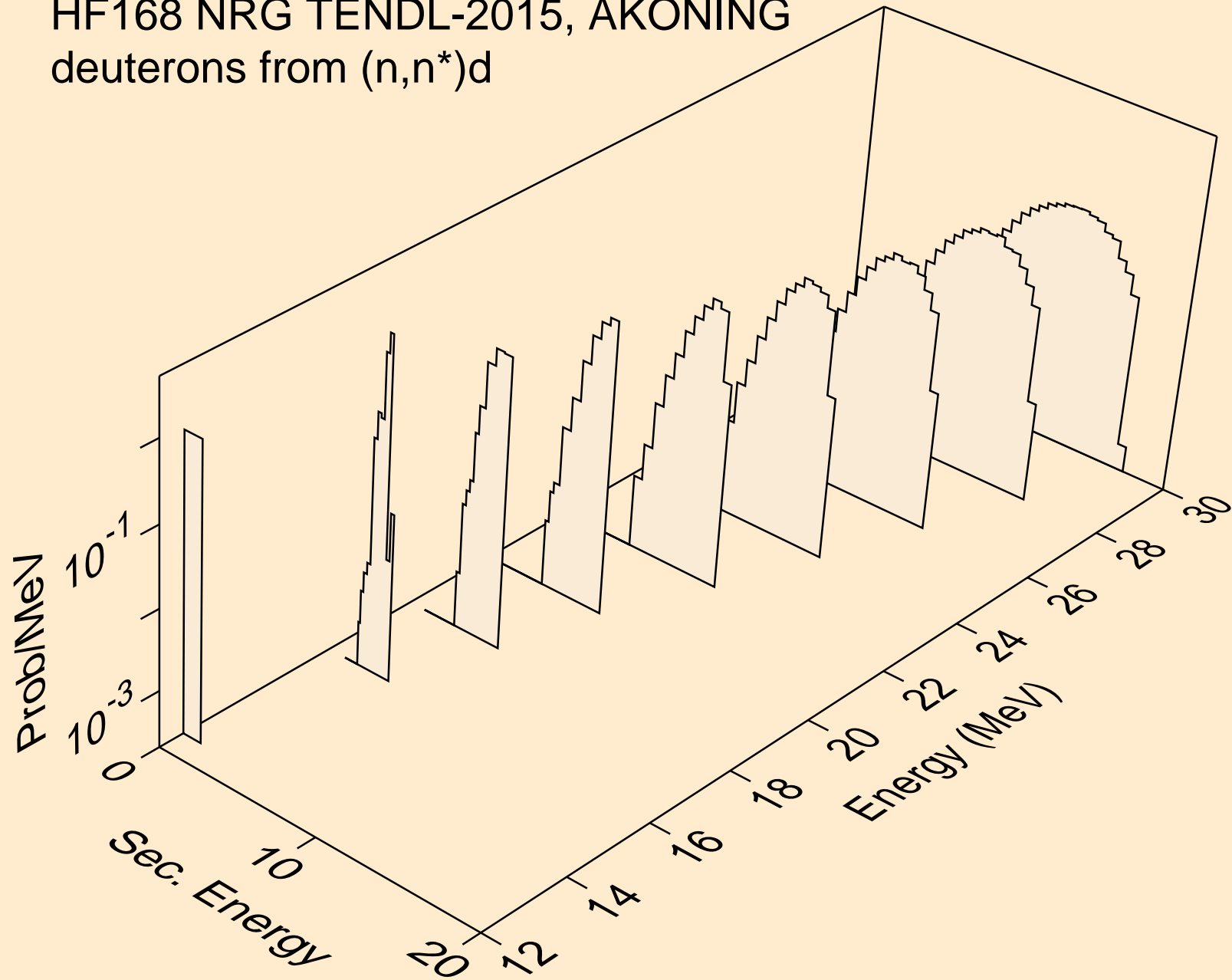
HF168 NRG TENDL-2015, AKONING  
deuterons from (n,x)



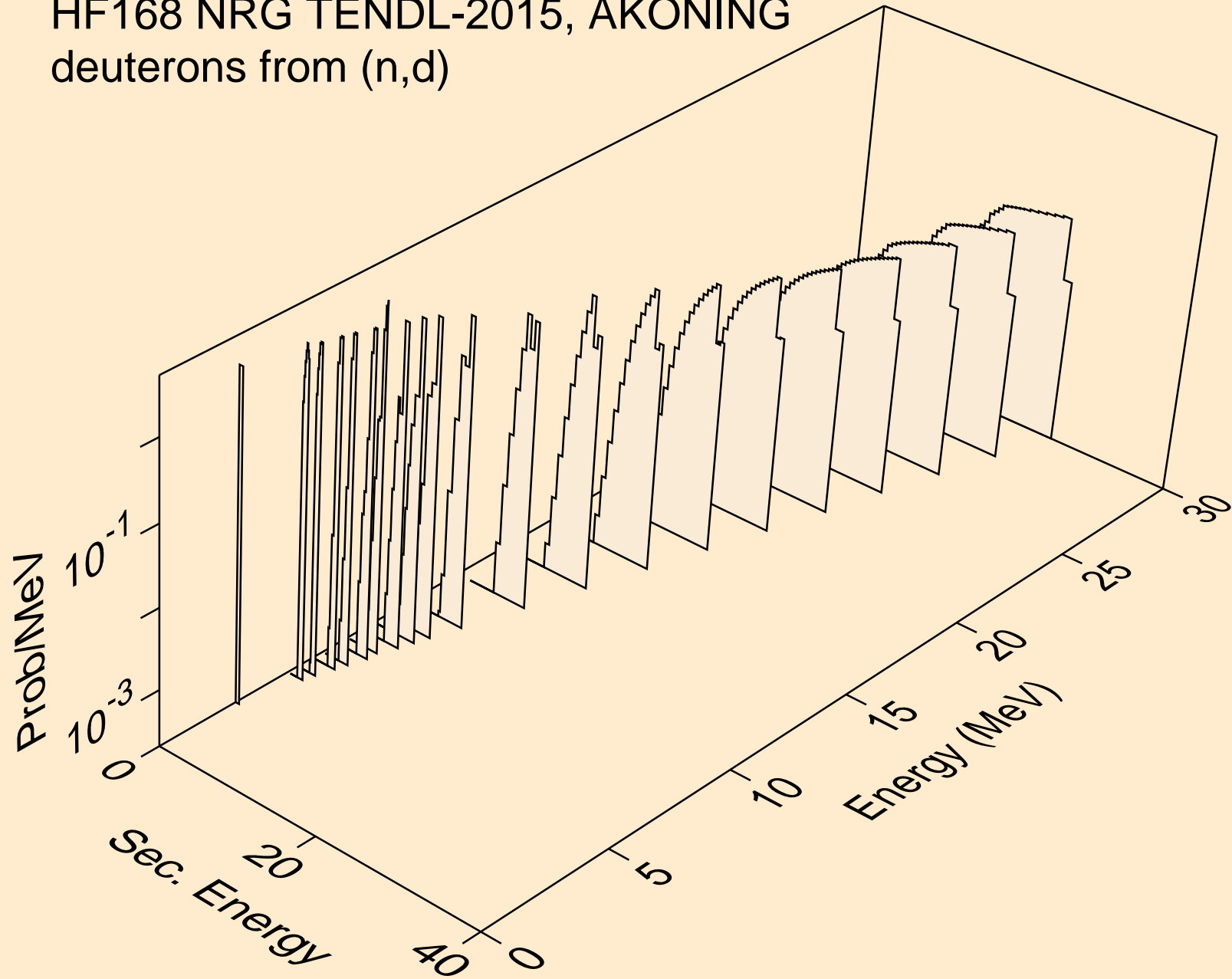
HF168 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



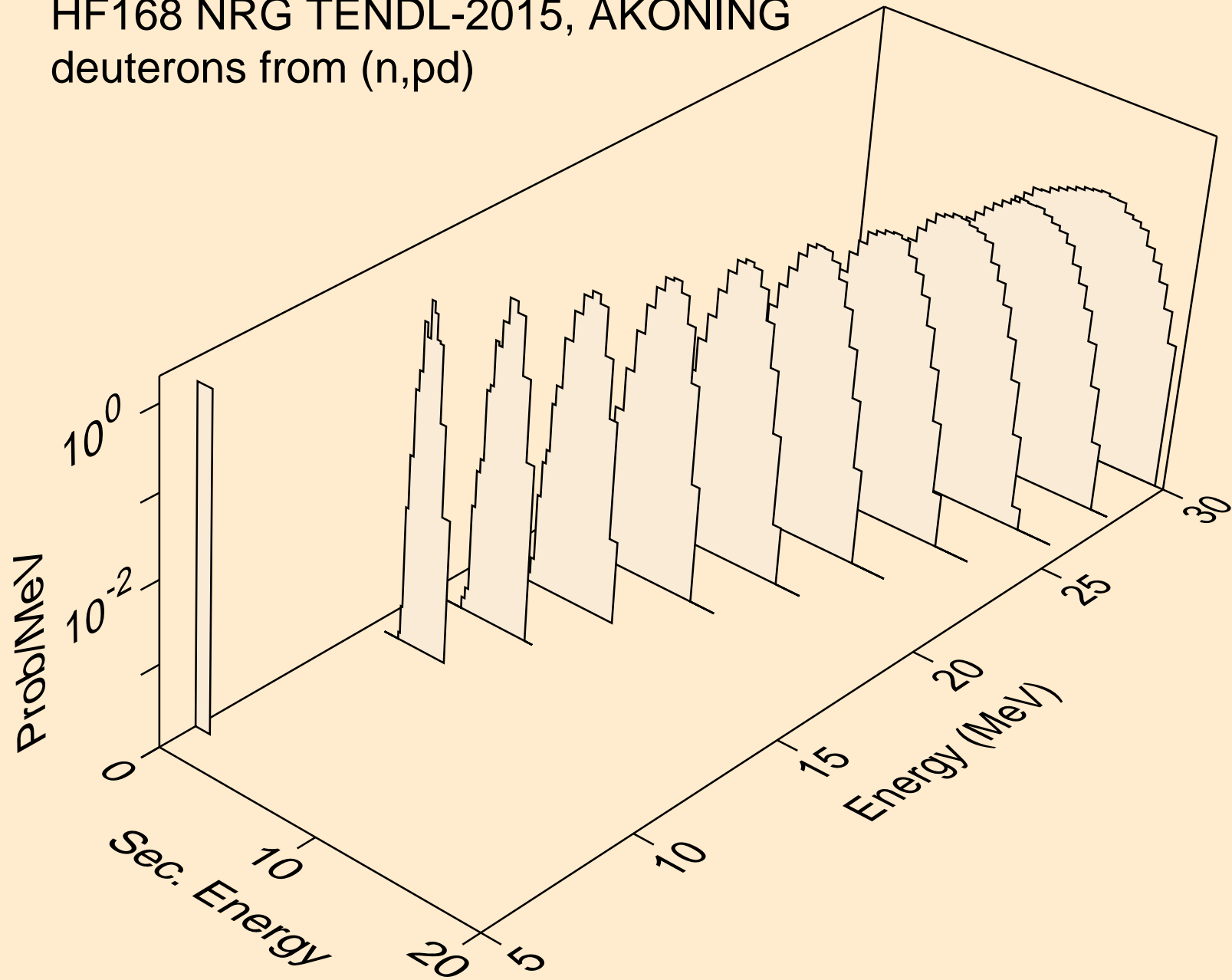
HF168 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



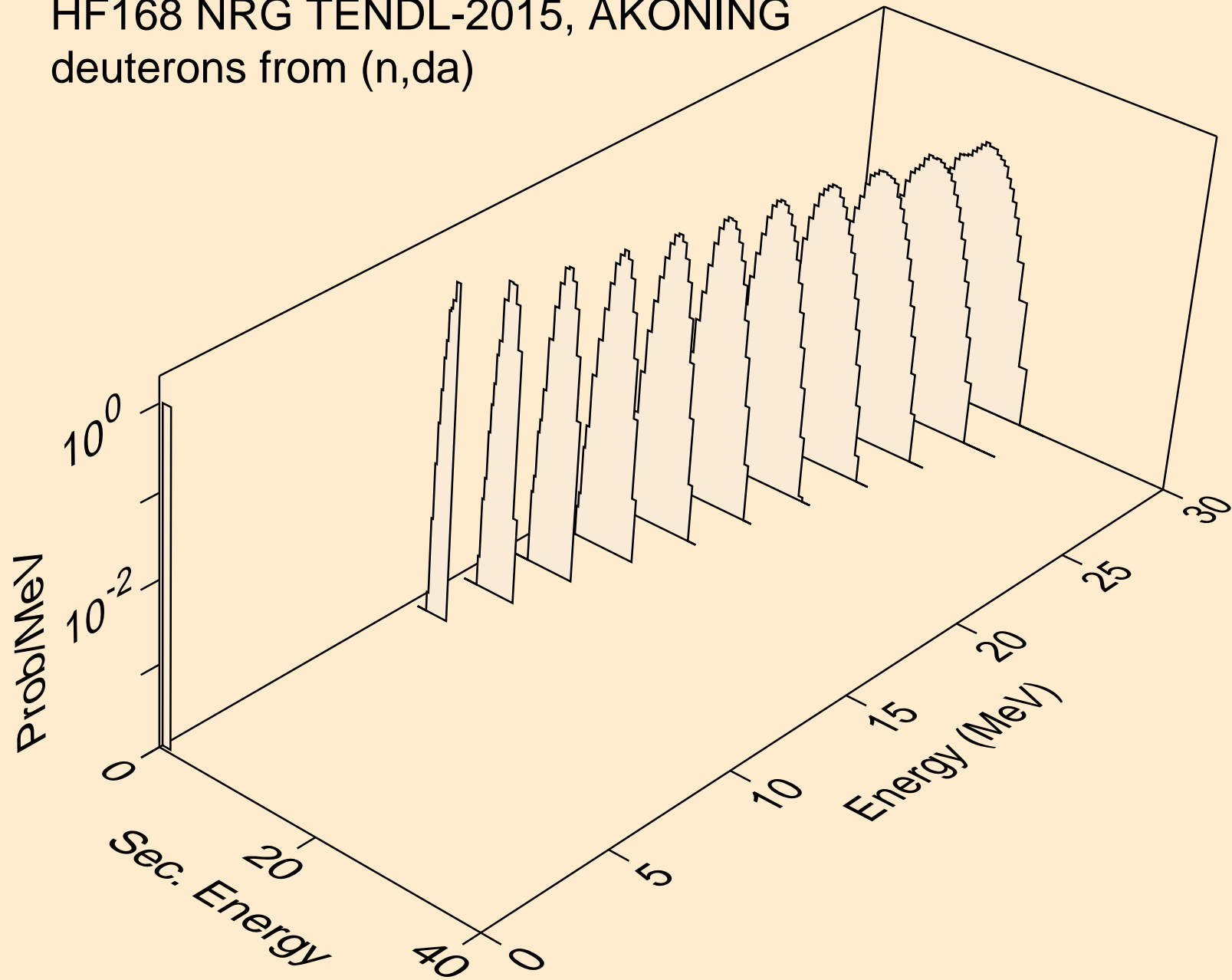
HF168 NRG TENDL-2015, AKONING  
deuterons from (n,d)



HF168 NRG TENDL-2015, AKONING  
deuterons from (n,pd)

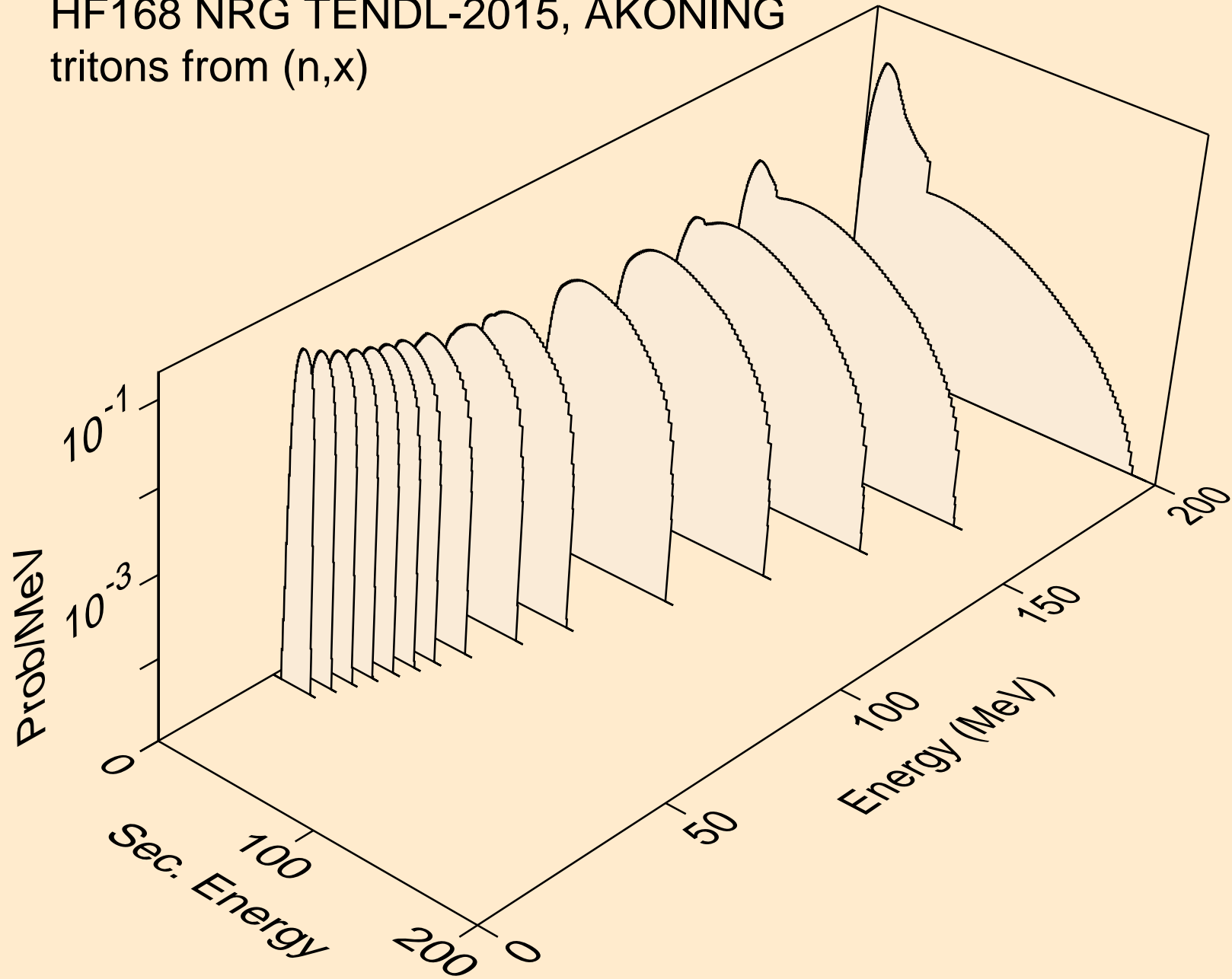


HF168 NRG TENDL-2015, AKONING  
deuterons from (n,da)

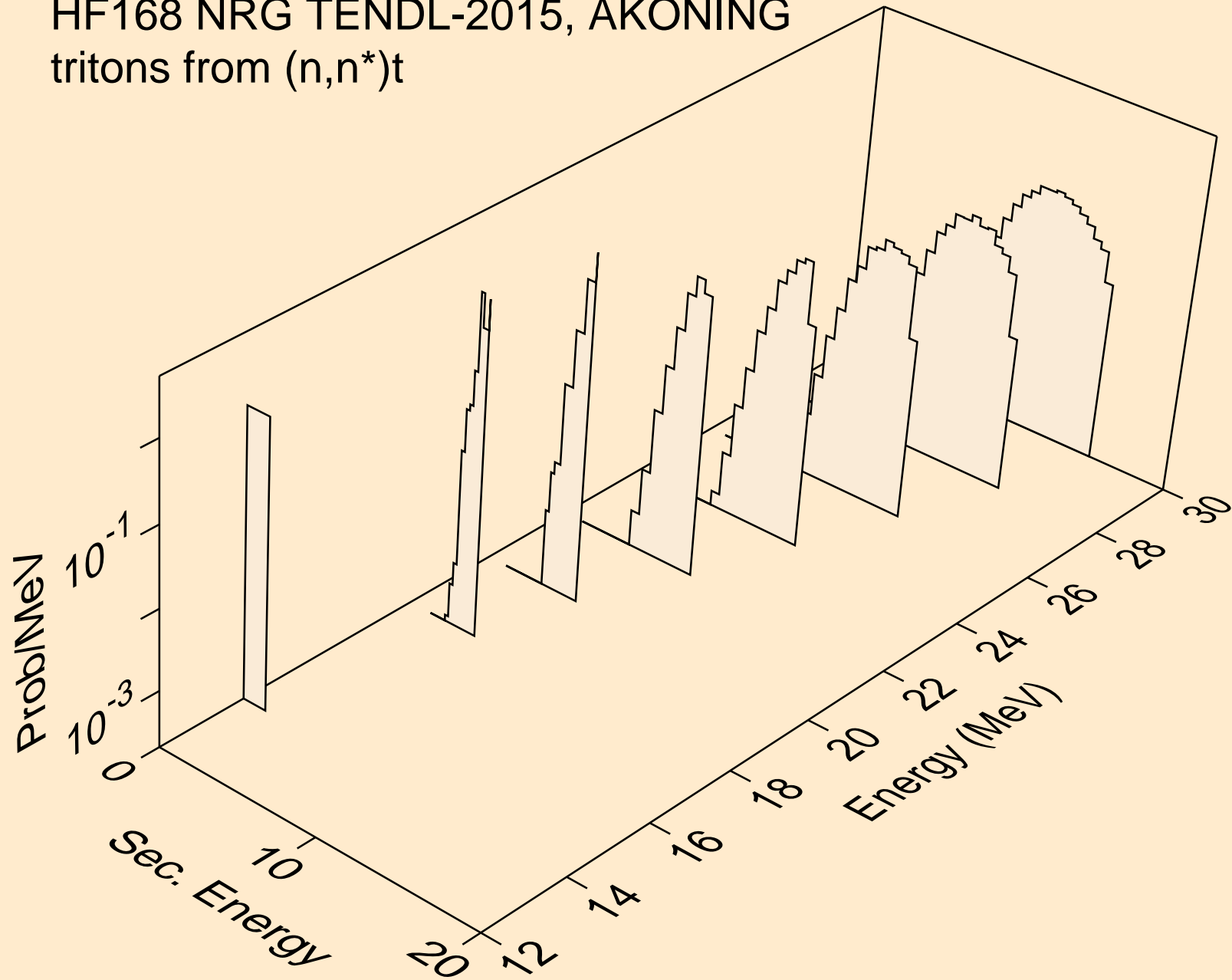




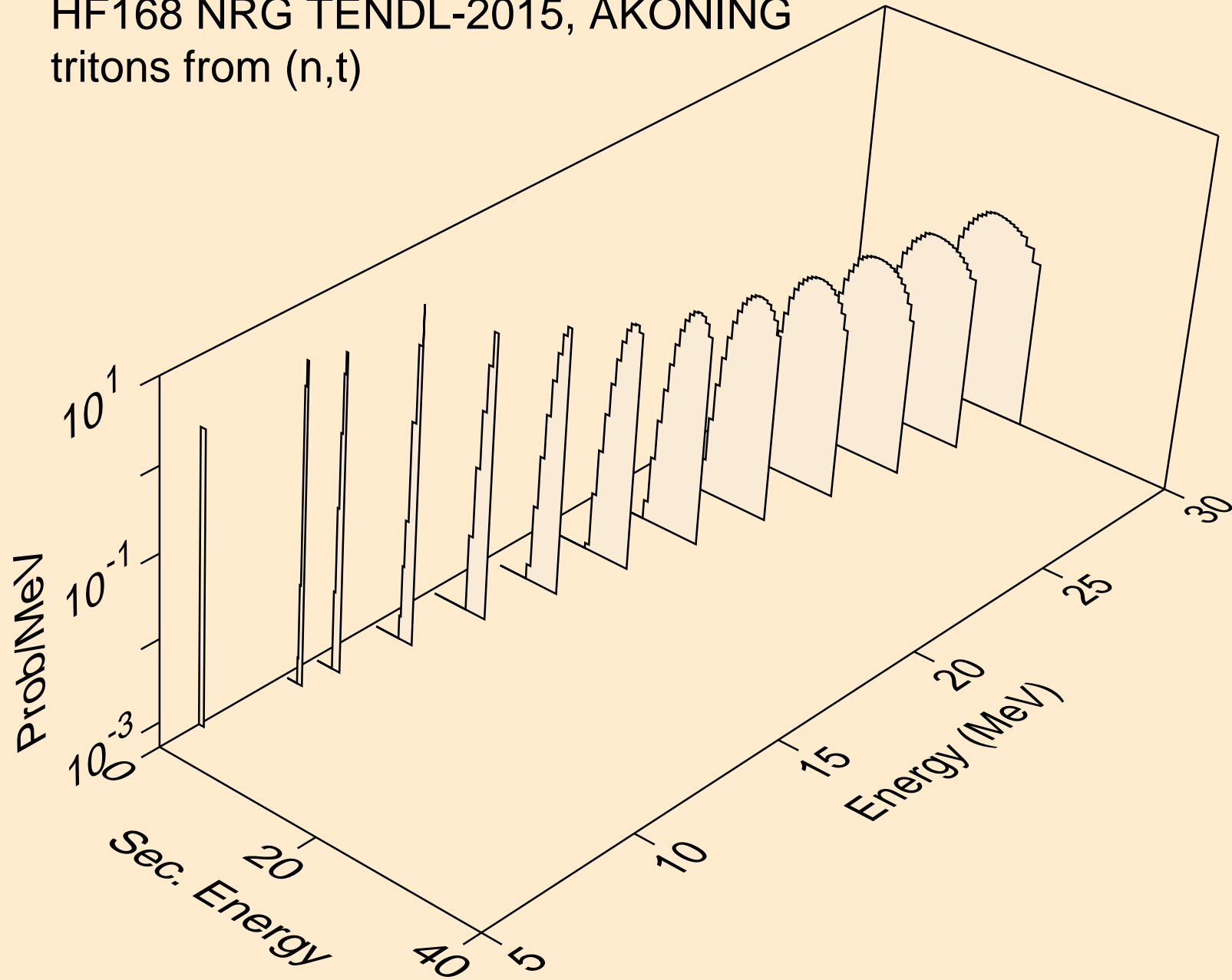
HF168 NRG TENDL-2015, AKONING  
tritons from (n,x)



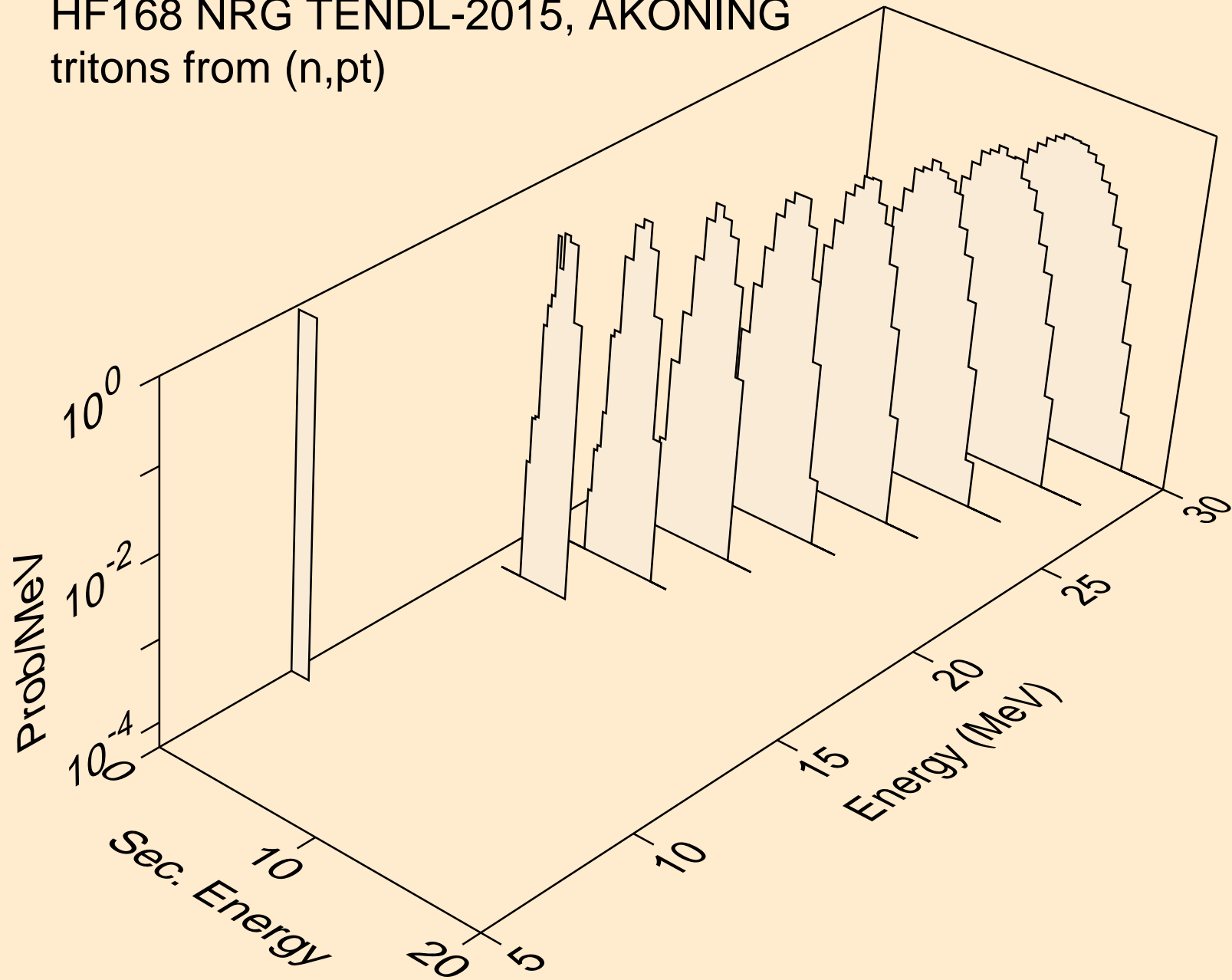
HF168 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



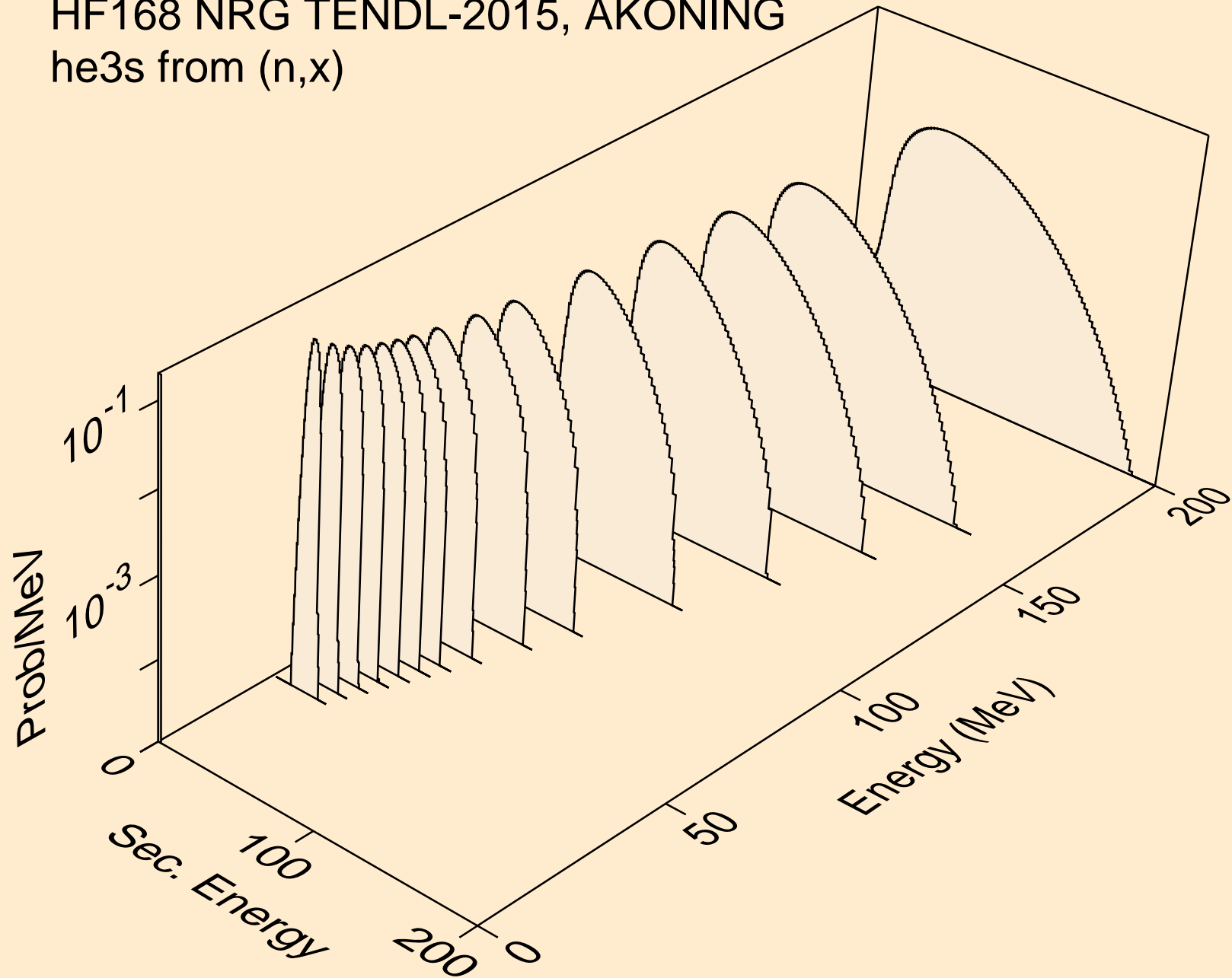
HF168 NRG TENDL-2015, AKONING  
tritons from (n,t)



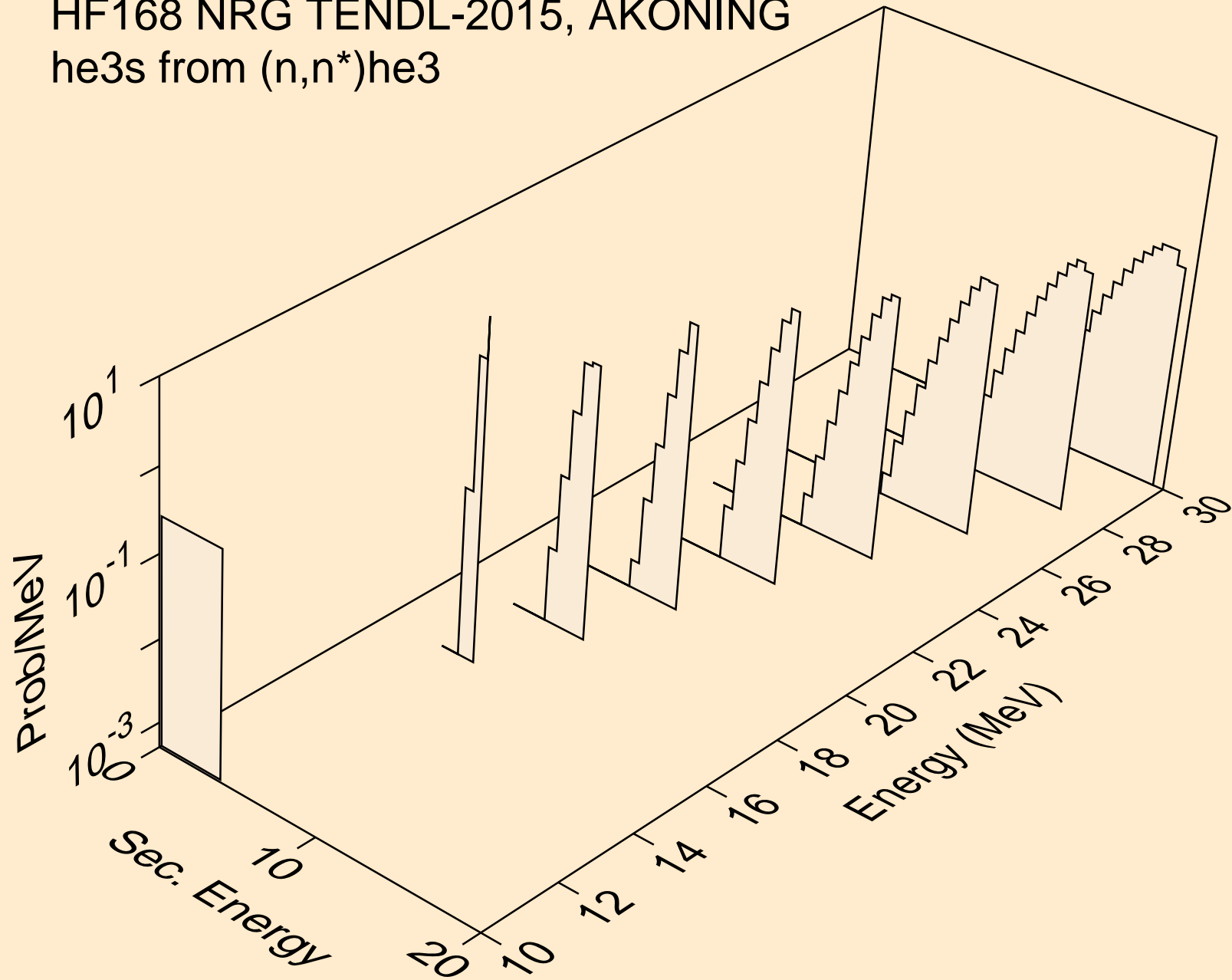
HF168 NRG TENDL-2015, AKONING  
tritons from (n,pt)



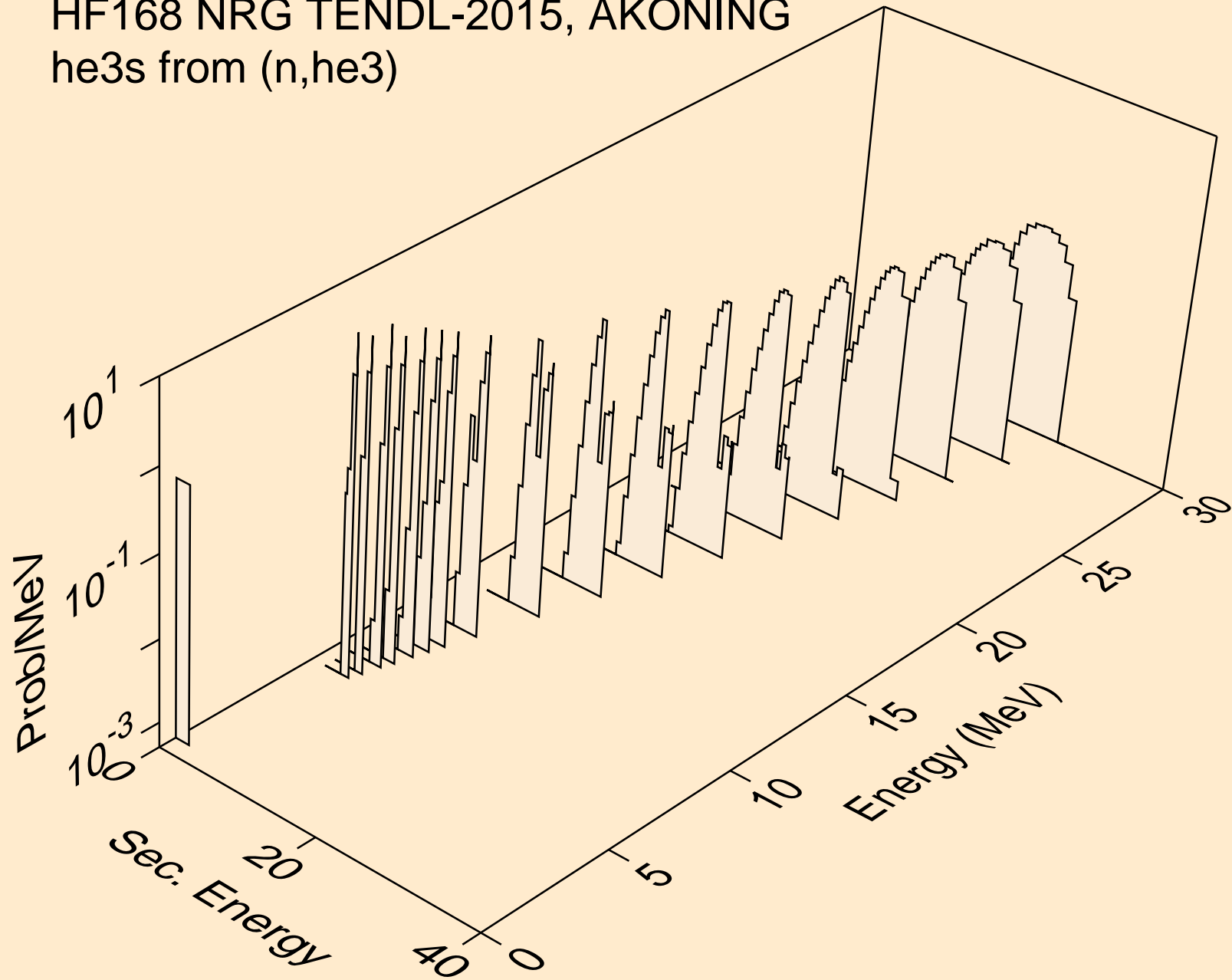
HF168 NRG TENDL-2015, AKONING  
he3s from (n,x)



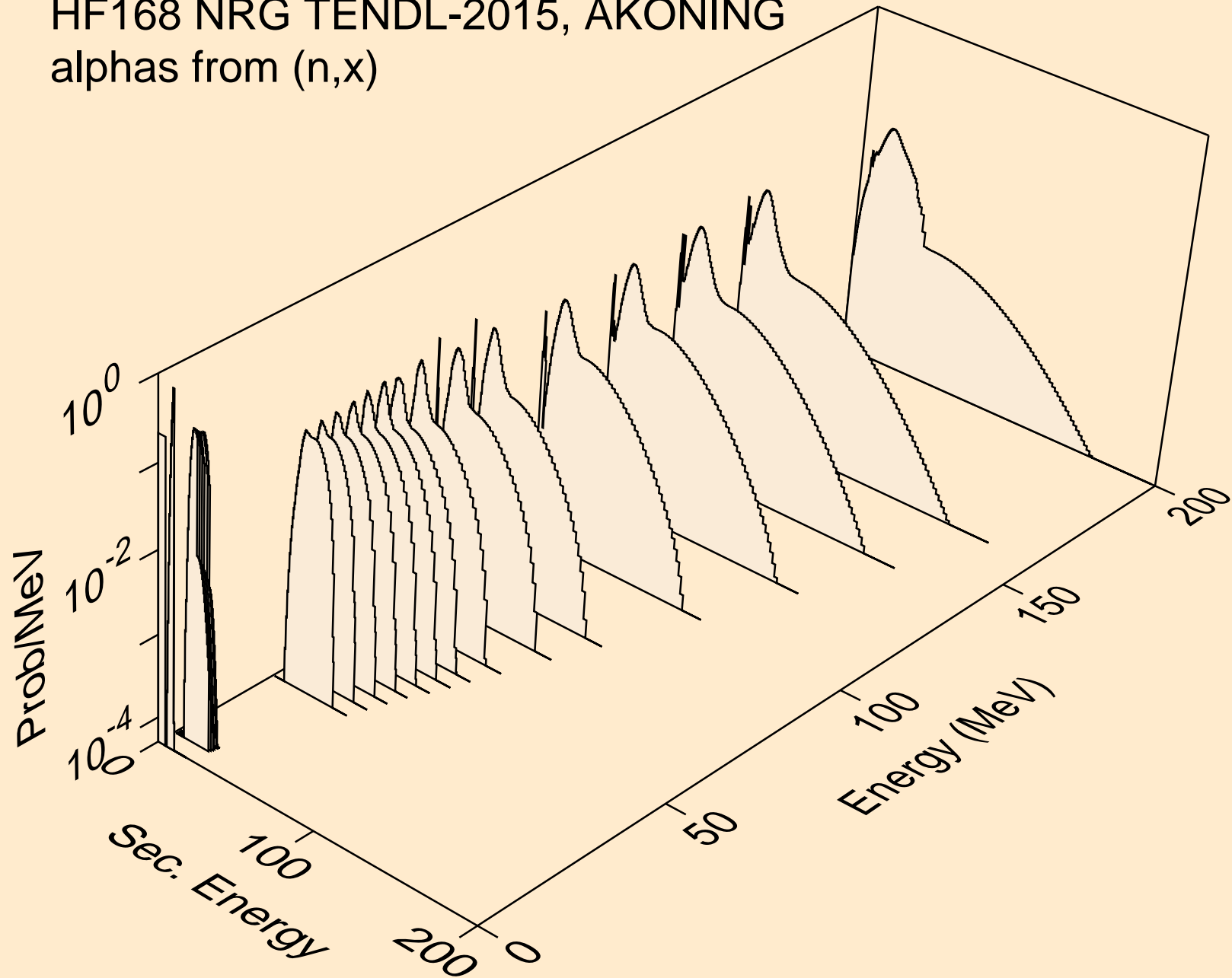
HF168 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



HF168 NRG TENDL-2015, AKONING  
he3s from (n,he3)

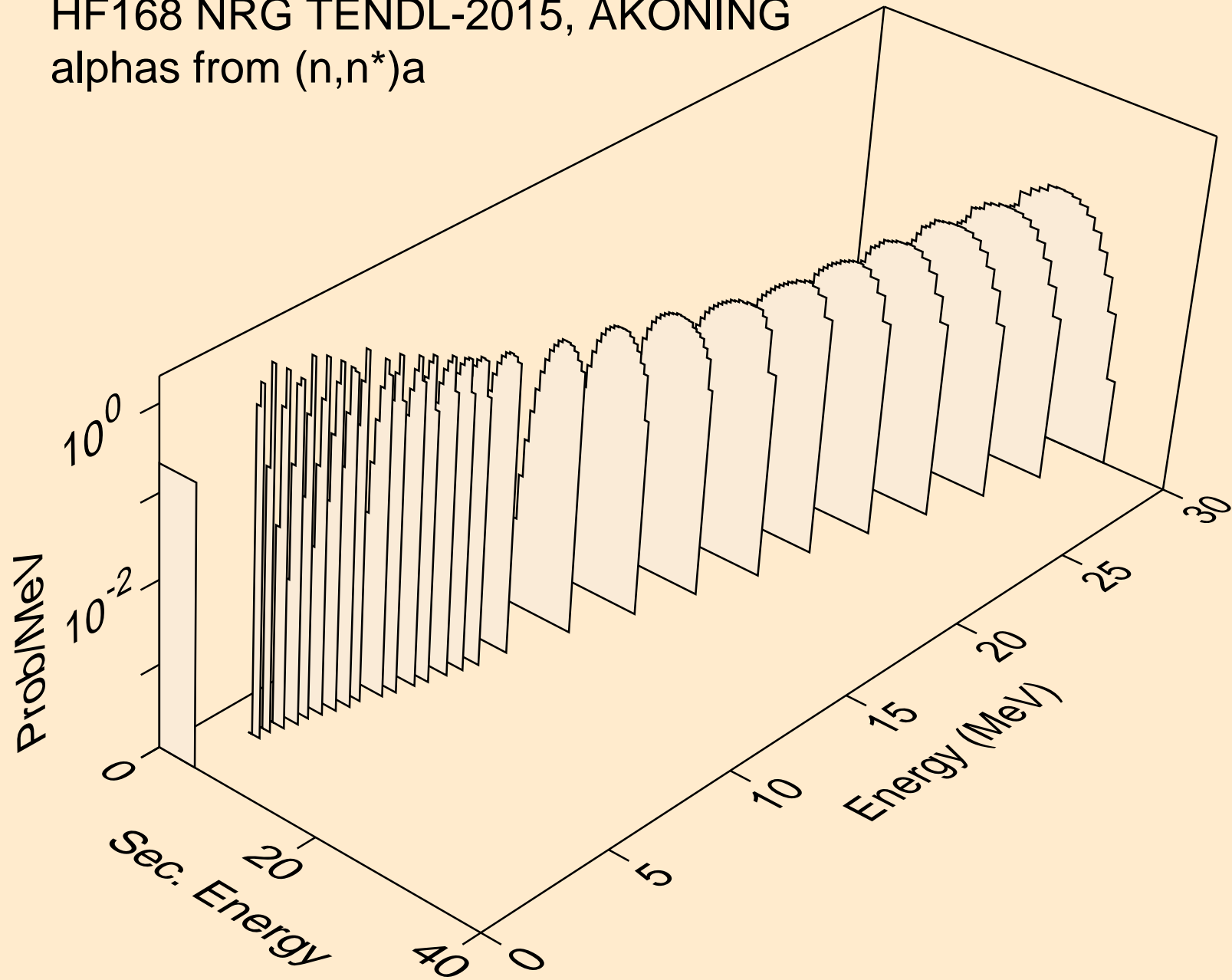


HF168 NRG TENDL-2015, AKONING  
alphas from (n,x)

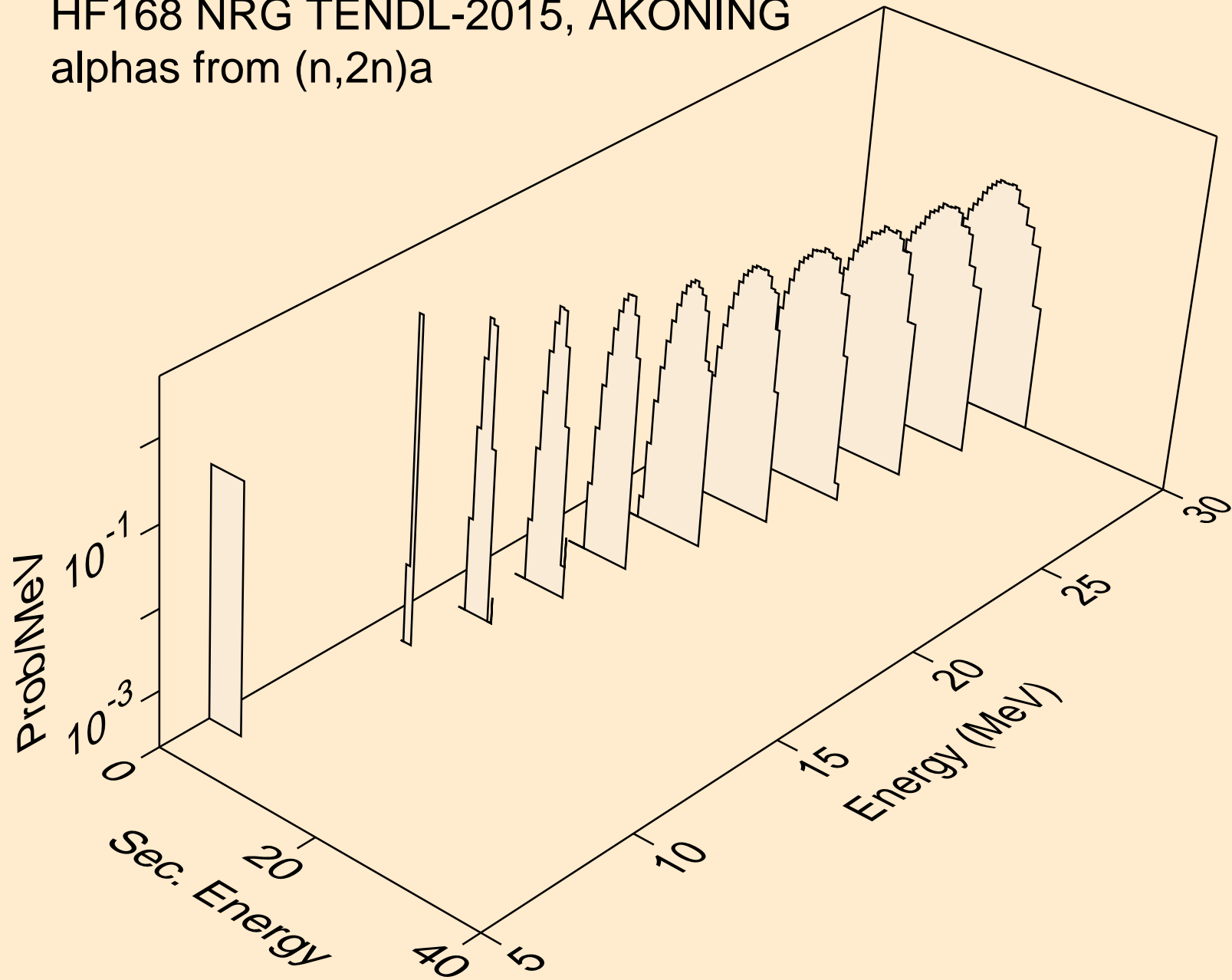




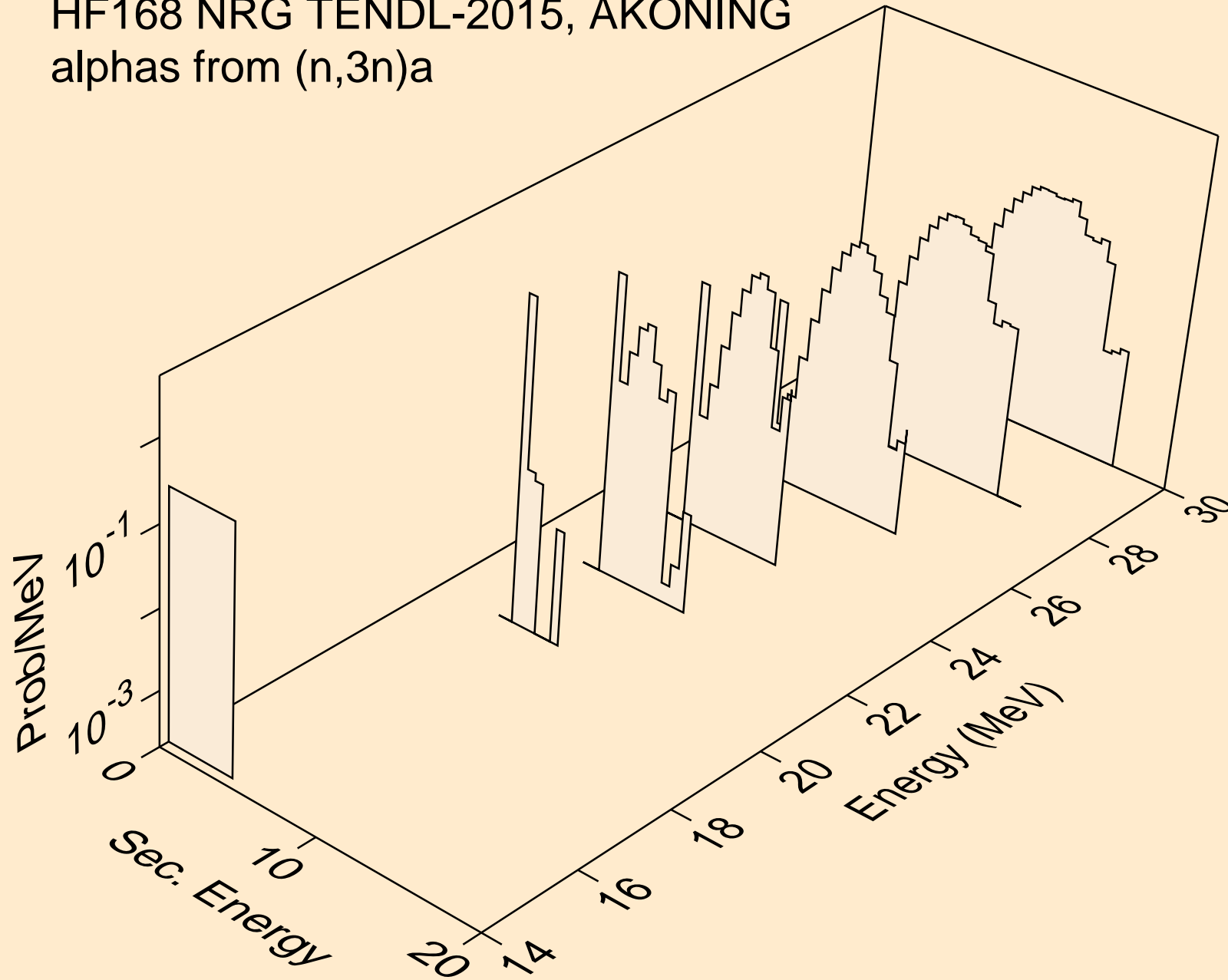
HF168 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



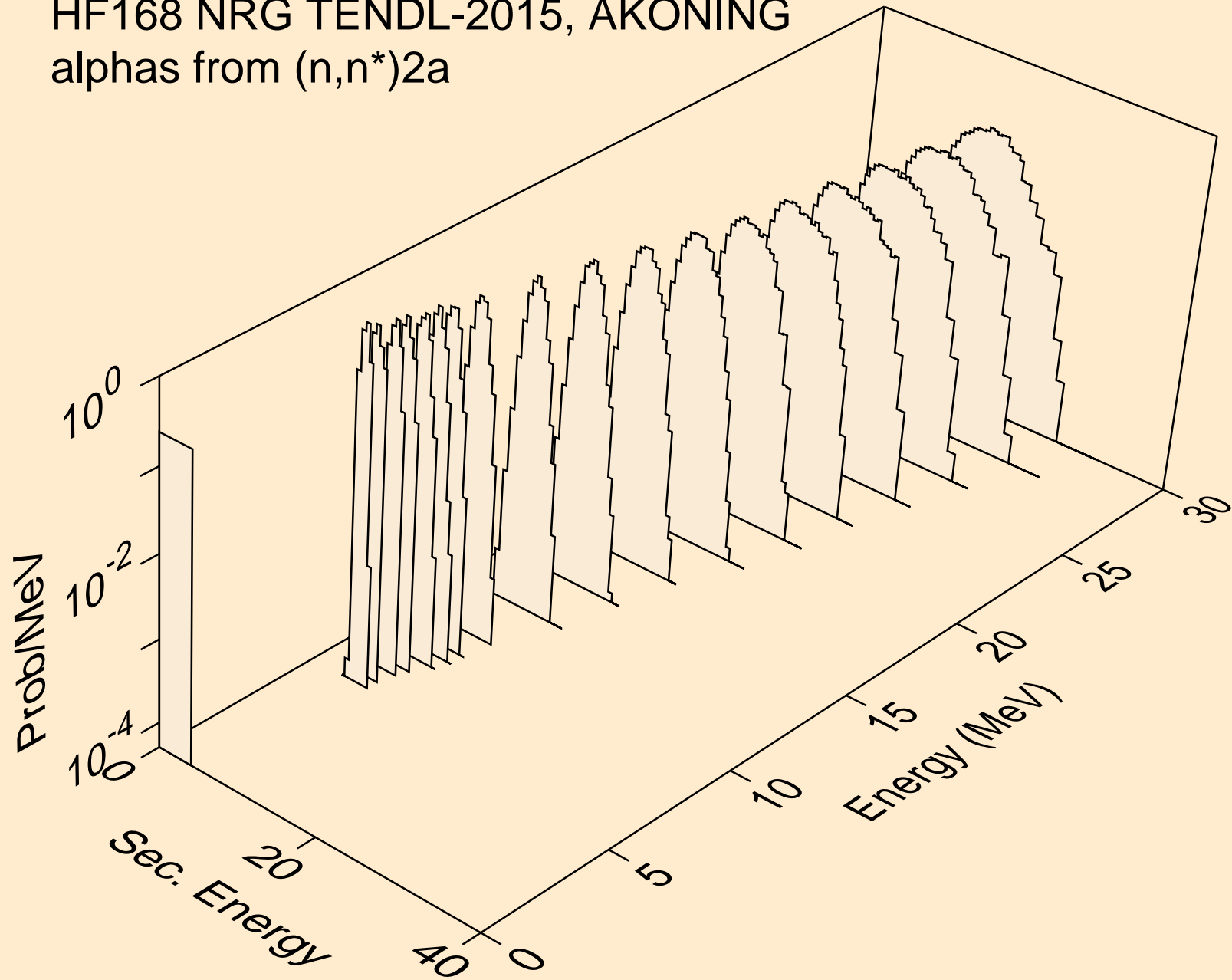
HF168 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



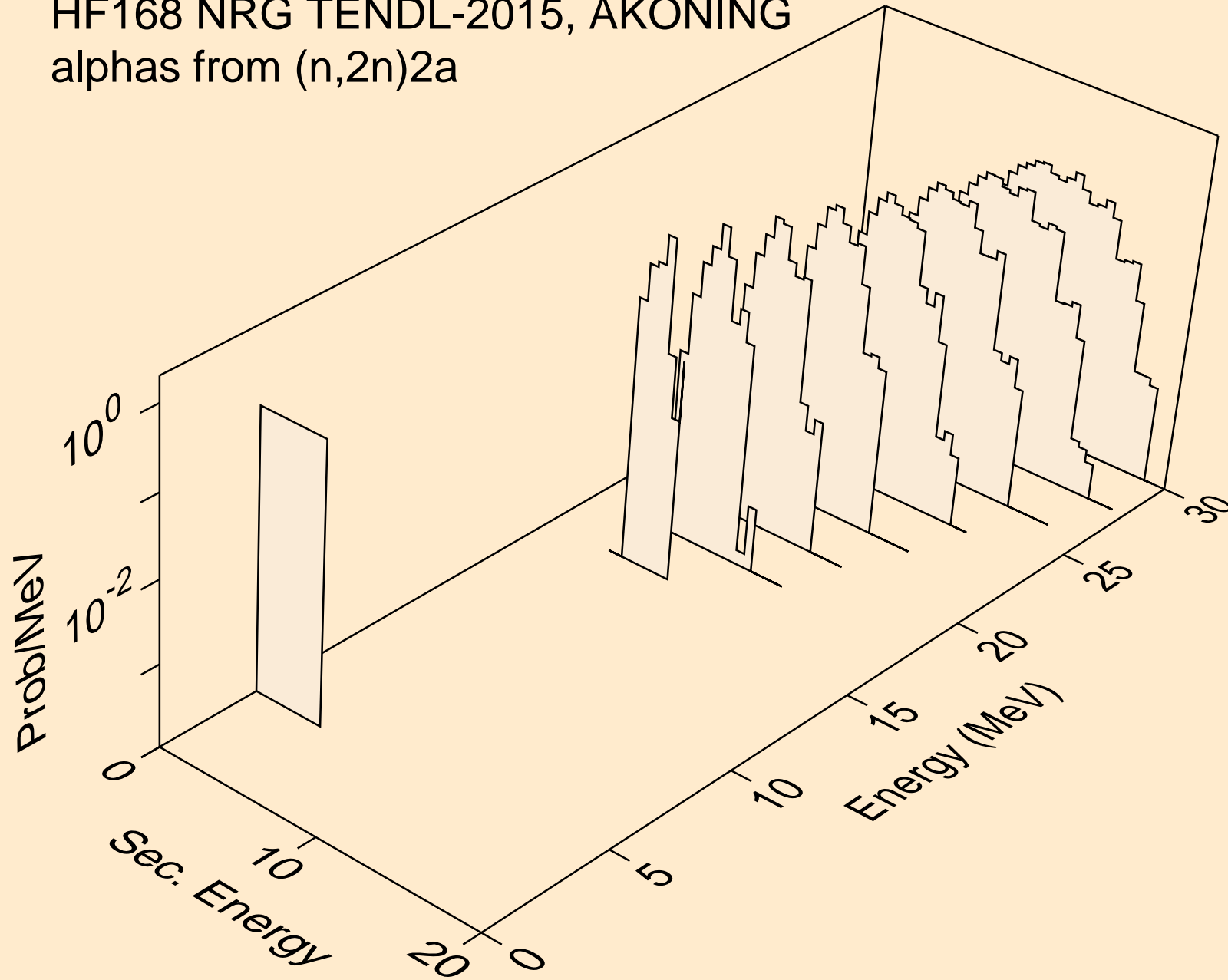
HF168 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



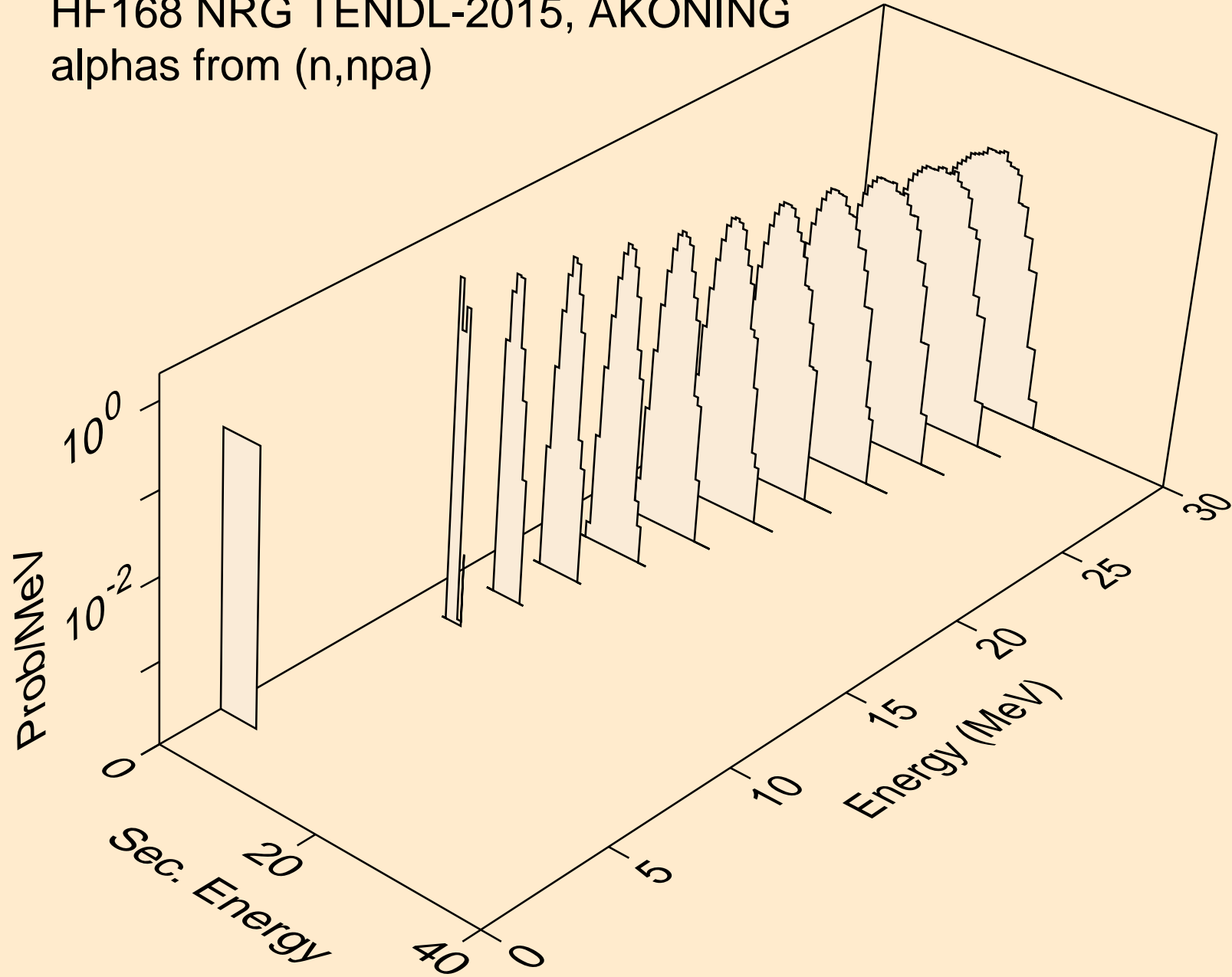
HF168 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



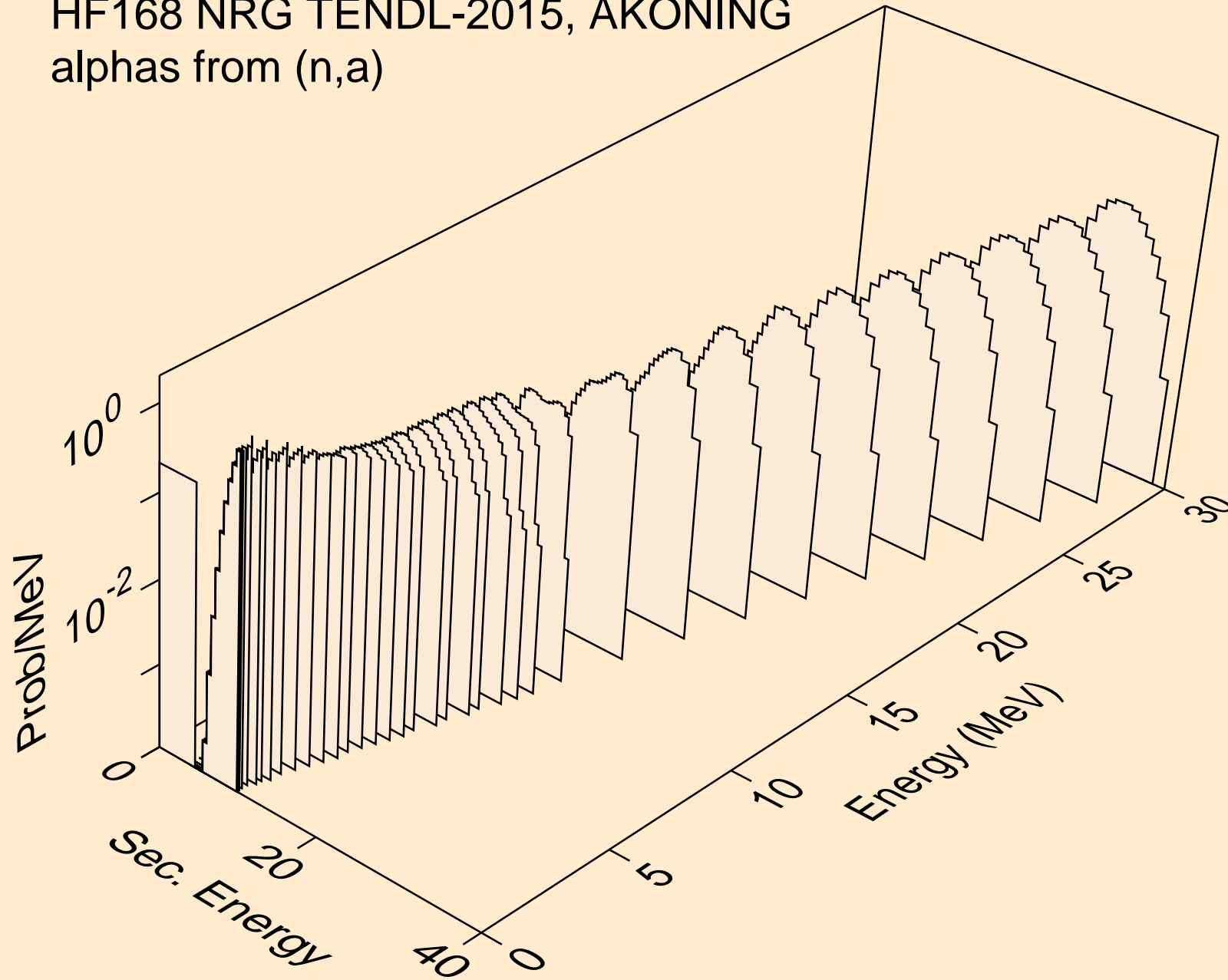
HF168 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



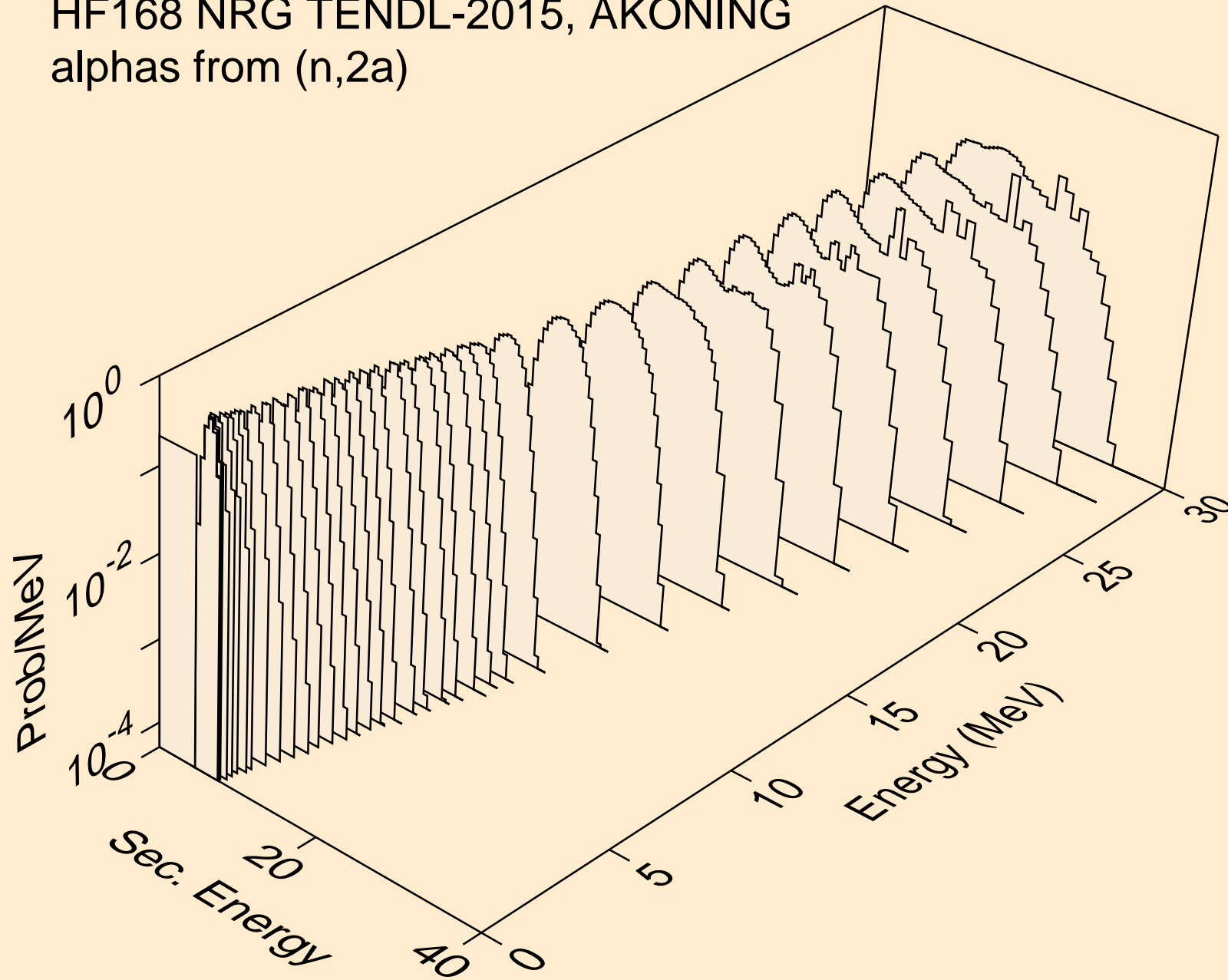
HF168 NRG TENDL-2015, AKONING  
alphas from (n,npa)



HF168 NRG TENDL-2015, AKONING  
alphas from (n,a)

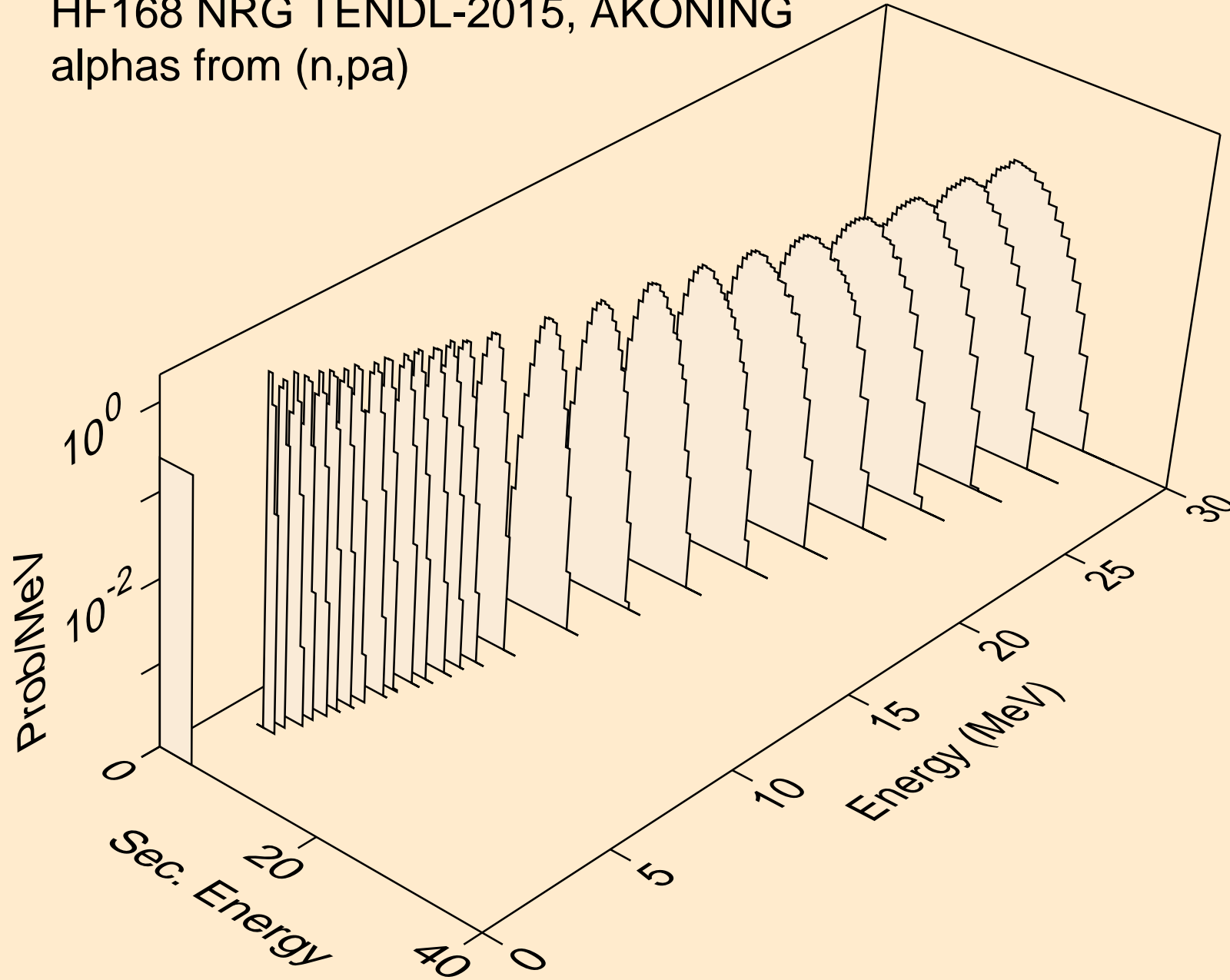


HF168 NRG TENDL-2015, AKONING  
alphas from (n,2a)





HF168 NRG TENDL-2015, AKONING  
alphas from (n,pa)



HF168 NRG TENDL-2015, AKONING  
alphas from (n,da)

