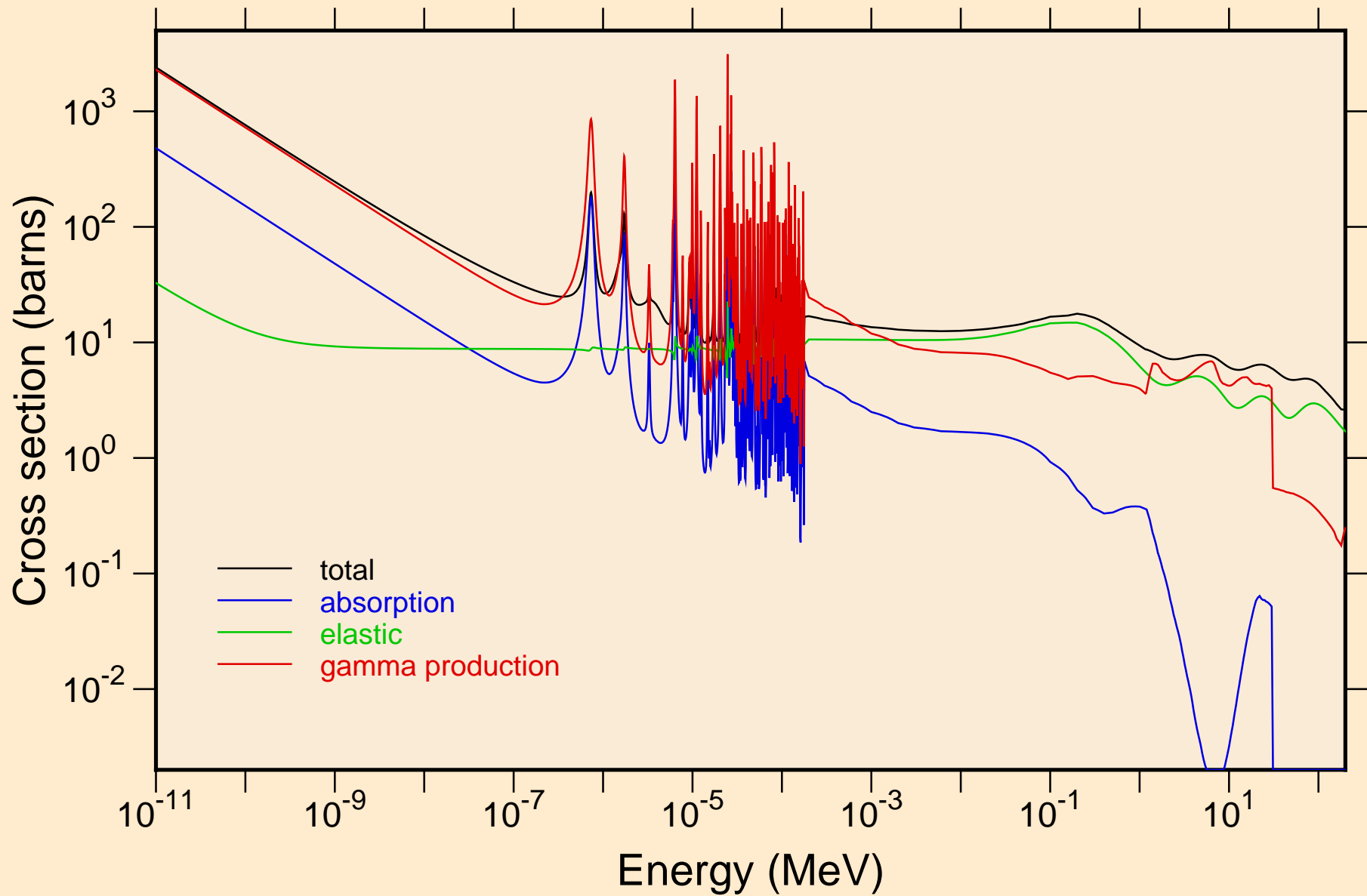
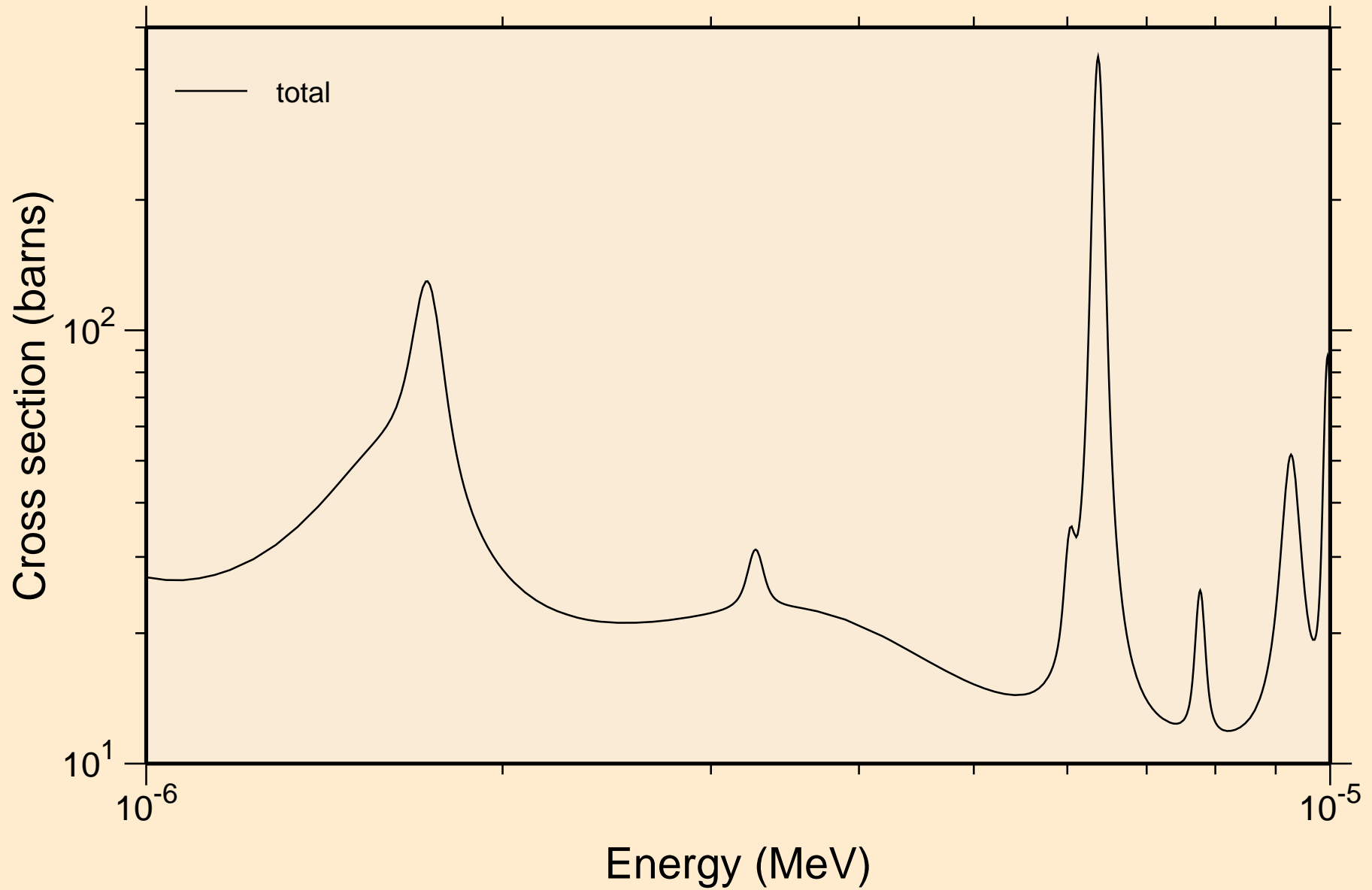


# RF257 NRG TENDL-2015, AKONING

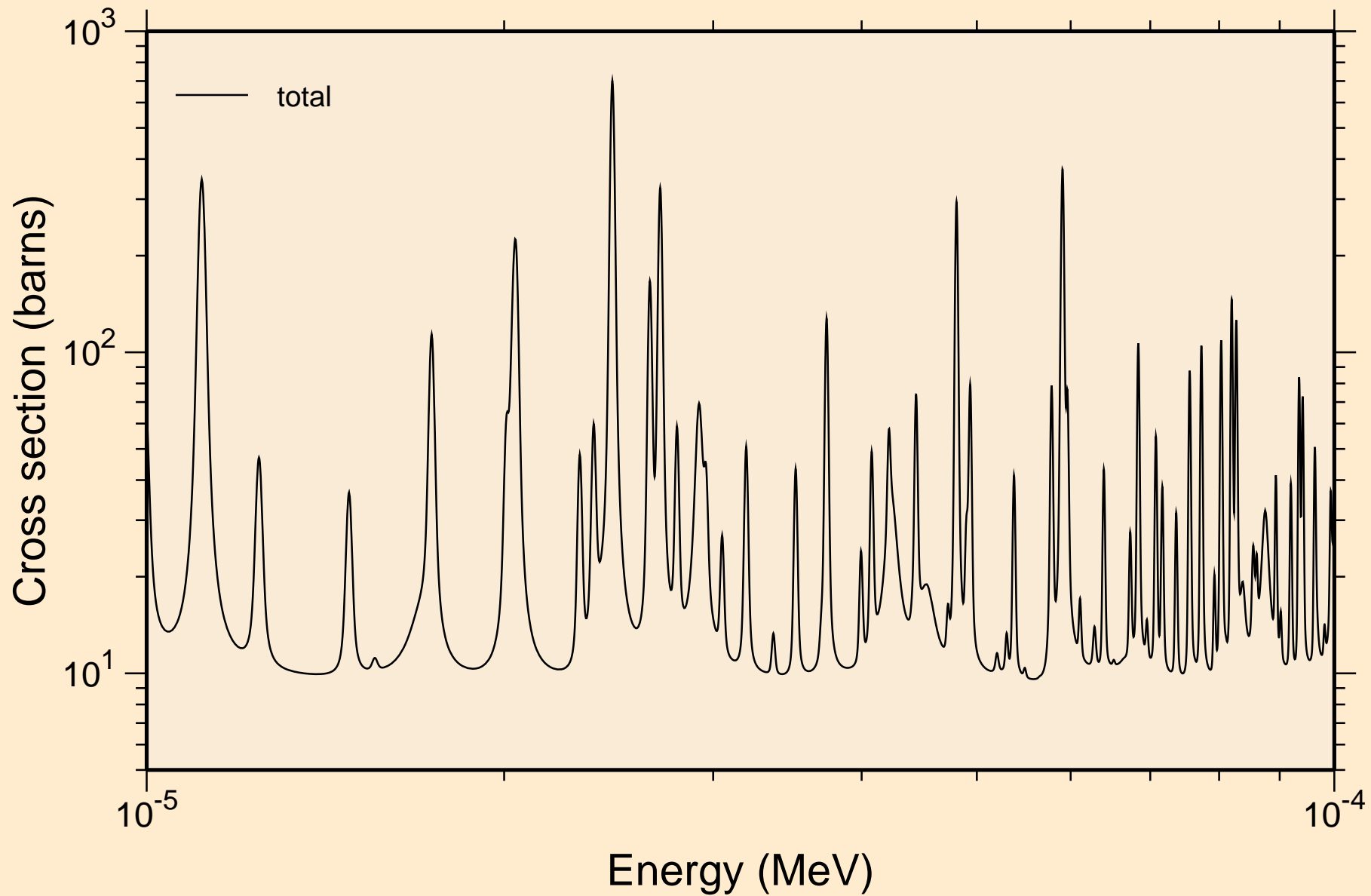
## Principal cross sections



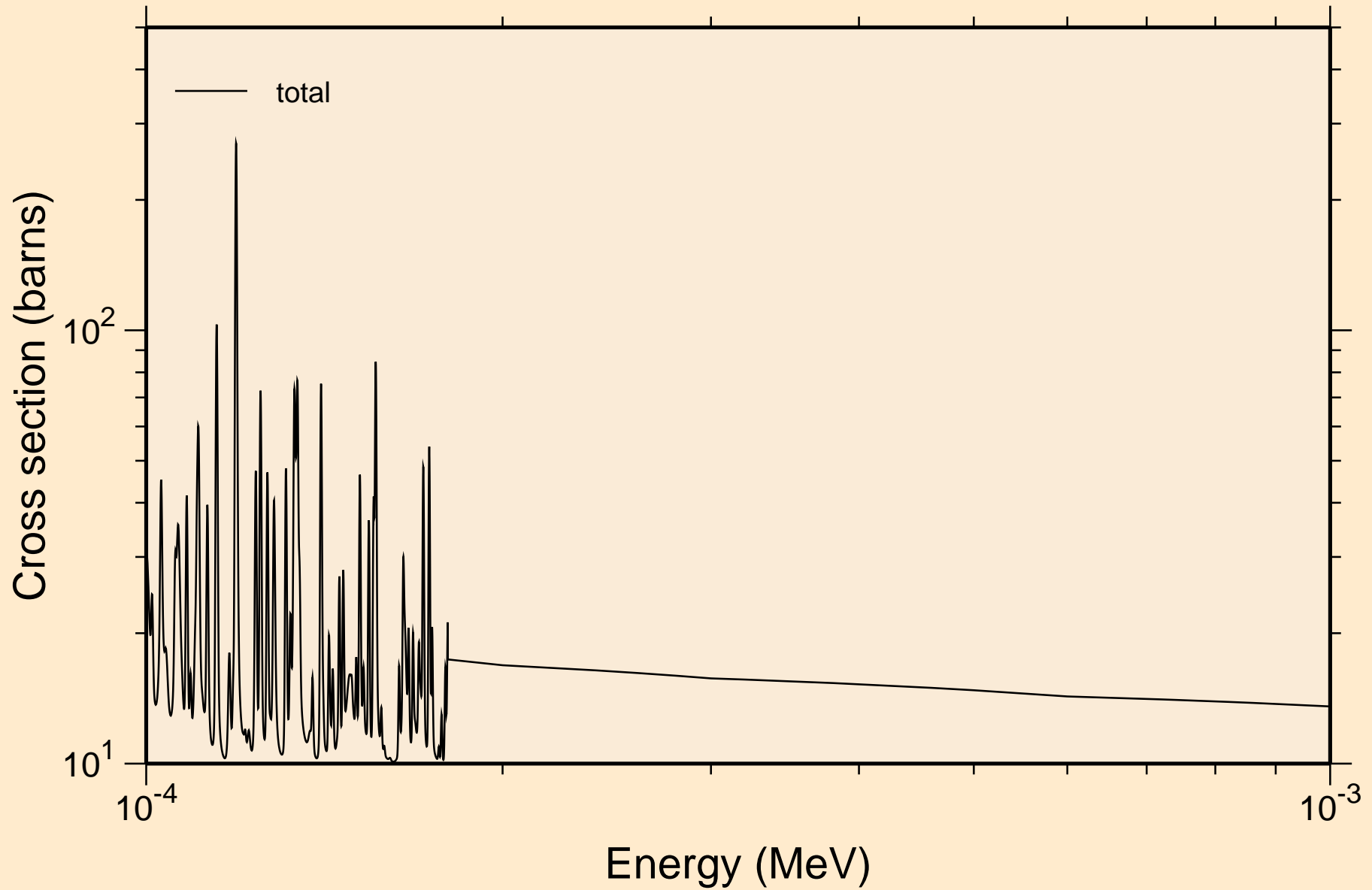
RF257 NRG TENDL-2015, AKONING  
resonance total cross section



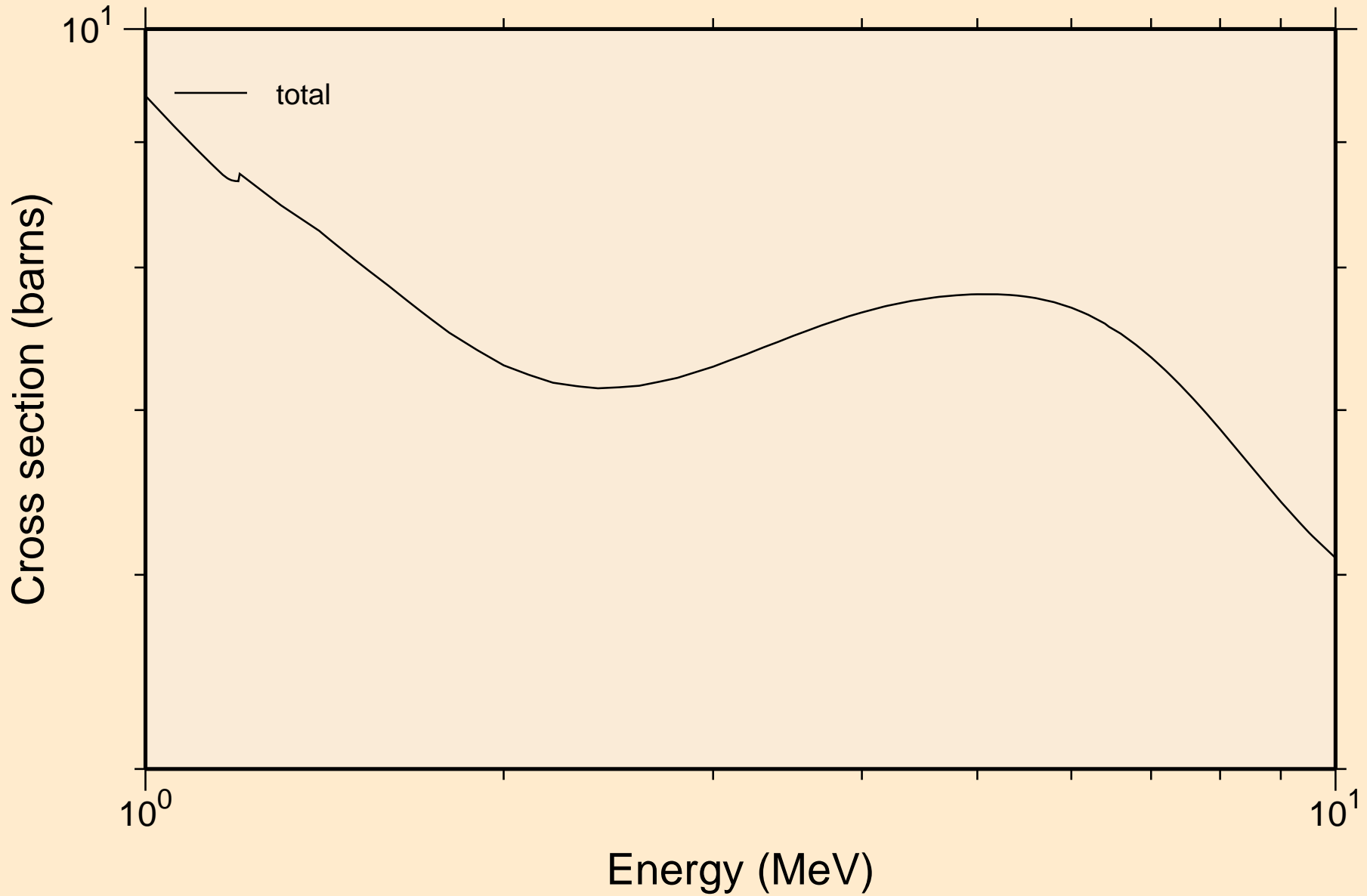
RF257 NRG TENDL-2015, AKONING  
resonance total cross section



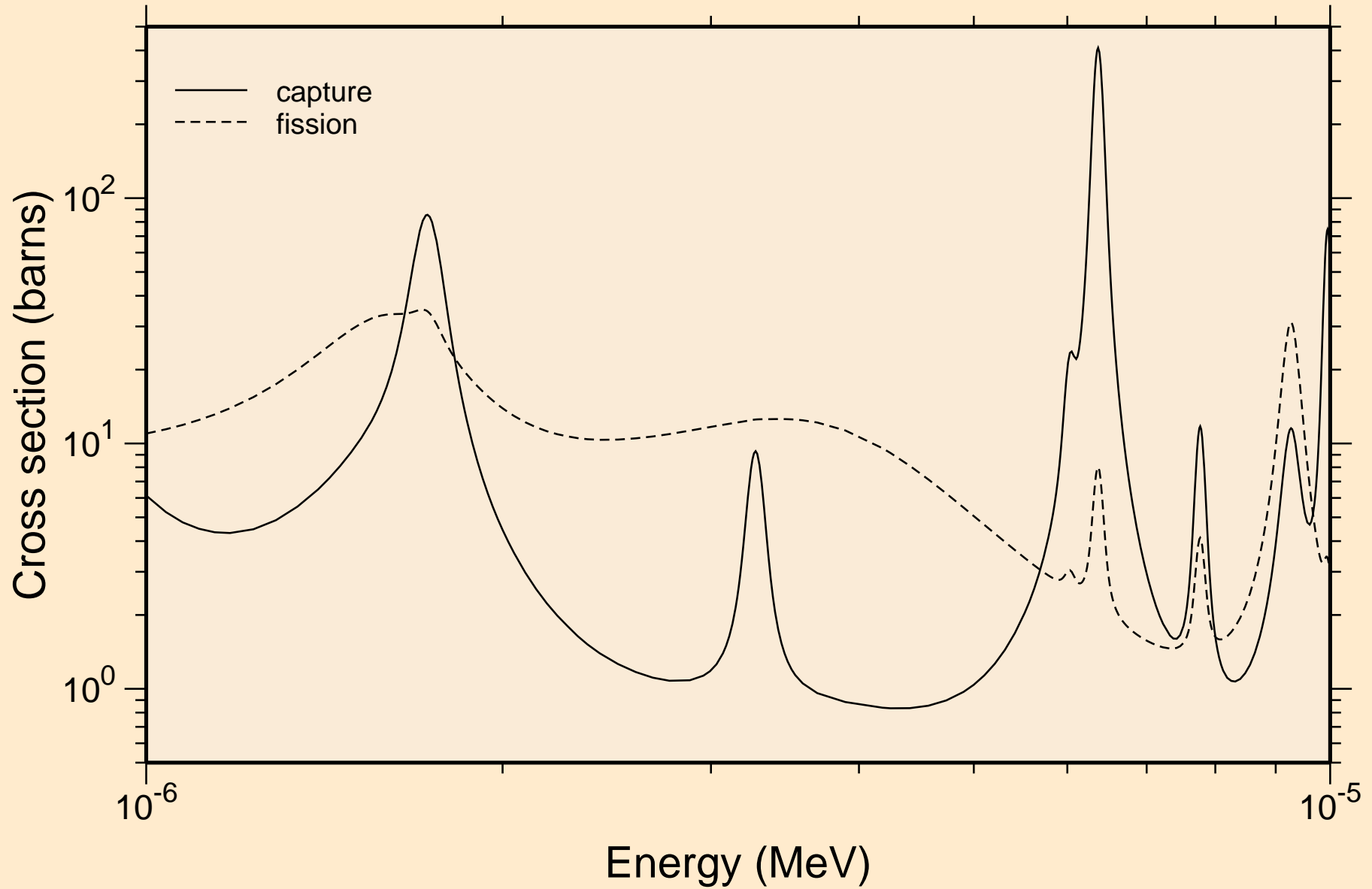
RF257 NRG TENDL-2015, AKONING  
resonance total cross section



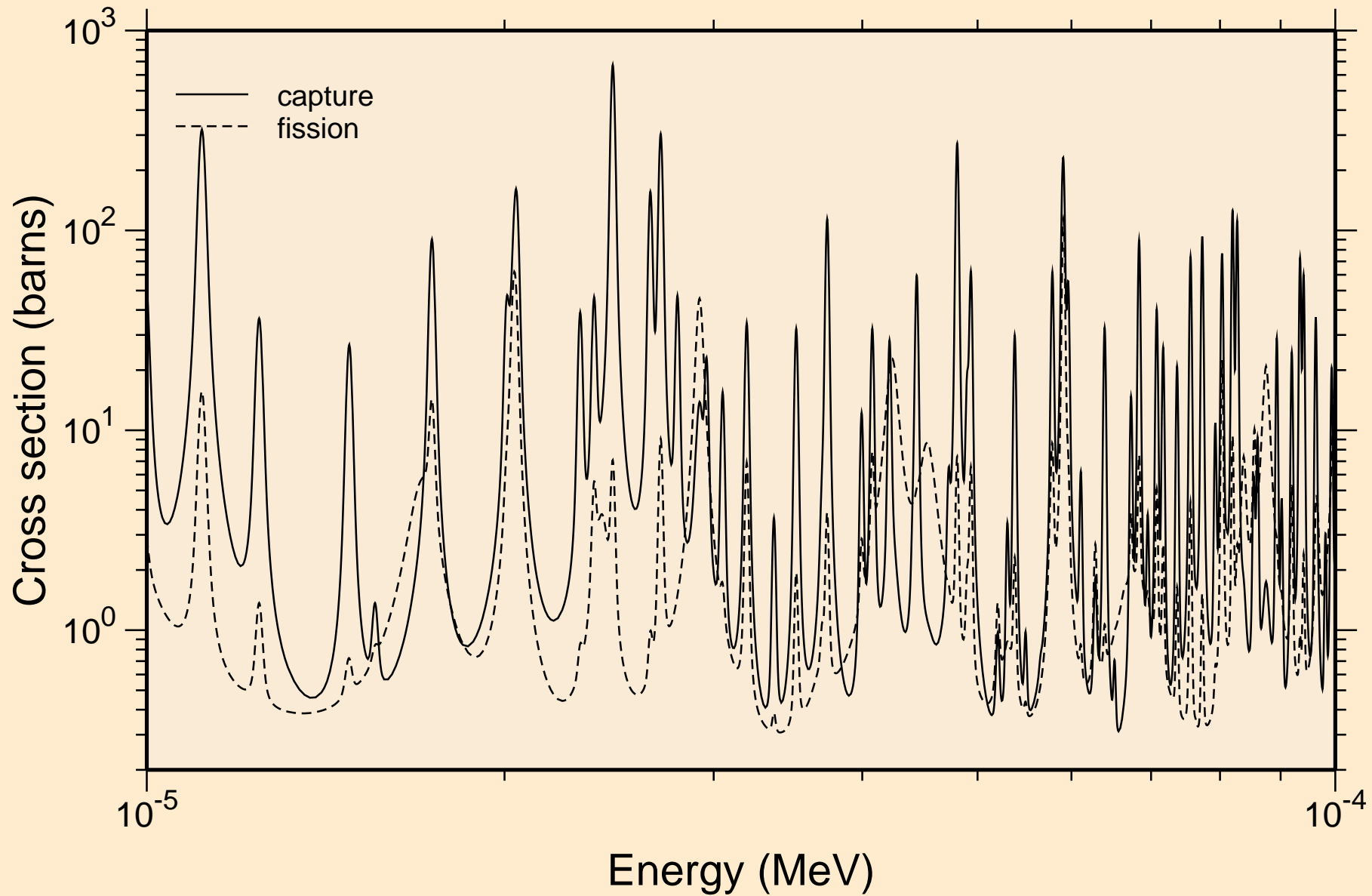
RF257 NRG TENDL-2015, AKONING  
resonance total cross section



RF257 NRG TENDL-2015, AKONING  
resonance absorption cross sections

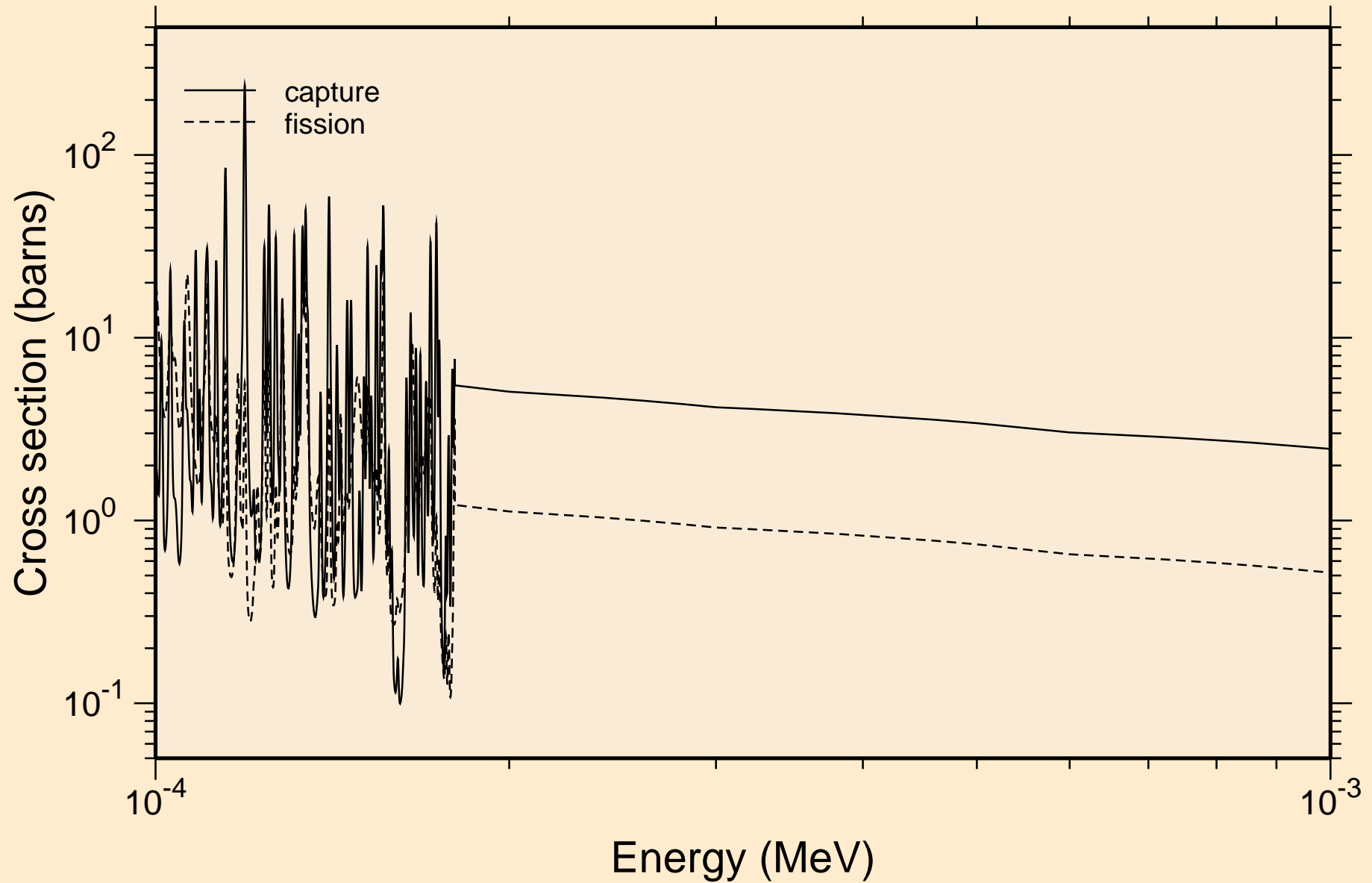


RF257 NRG TENDL-2015, AKONING  
resonance absorption cross sections



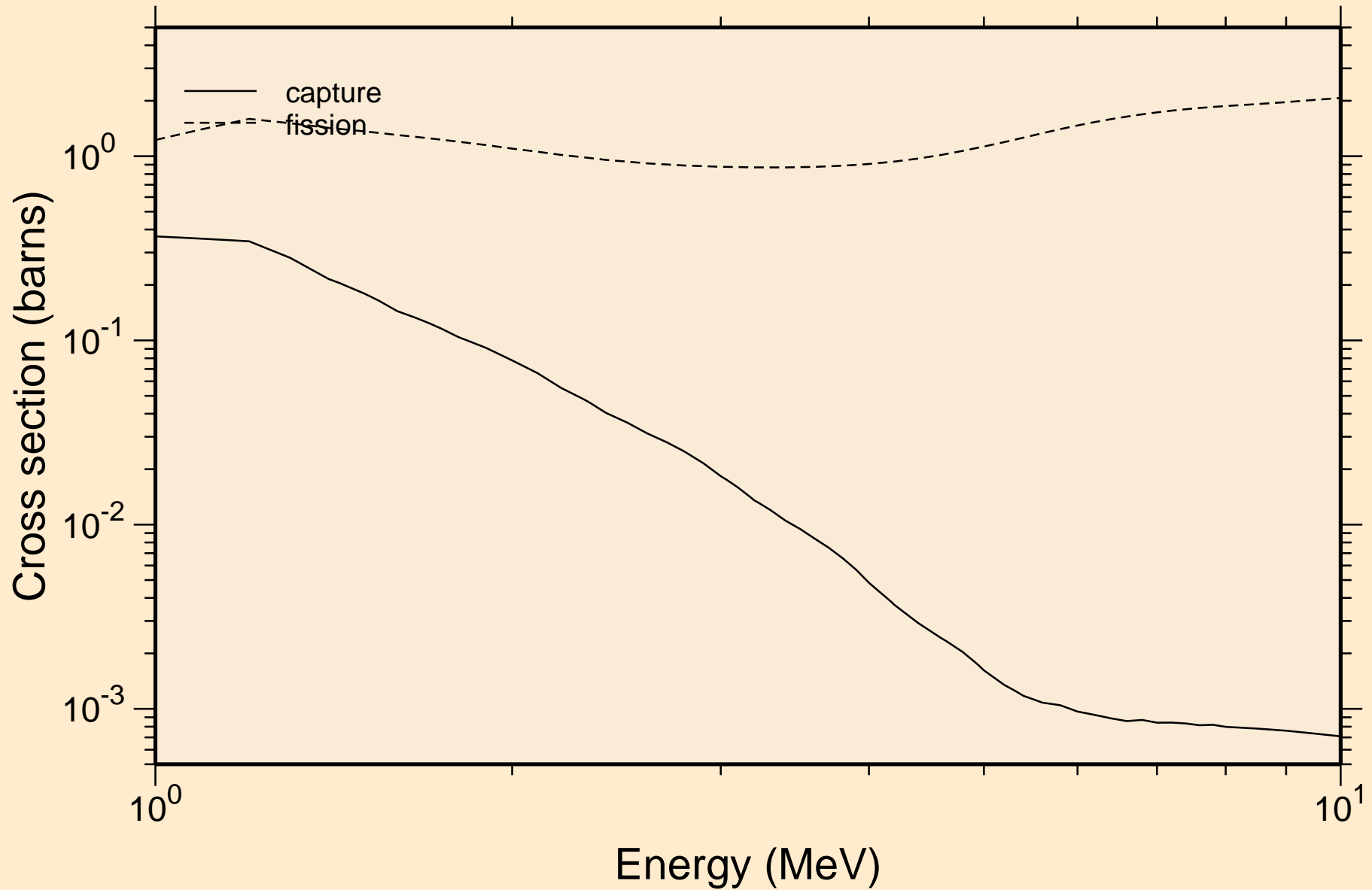
# RF257 NRG TENDL-2015, AKONING

## resonance absorption cross sections



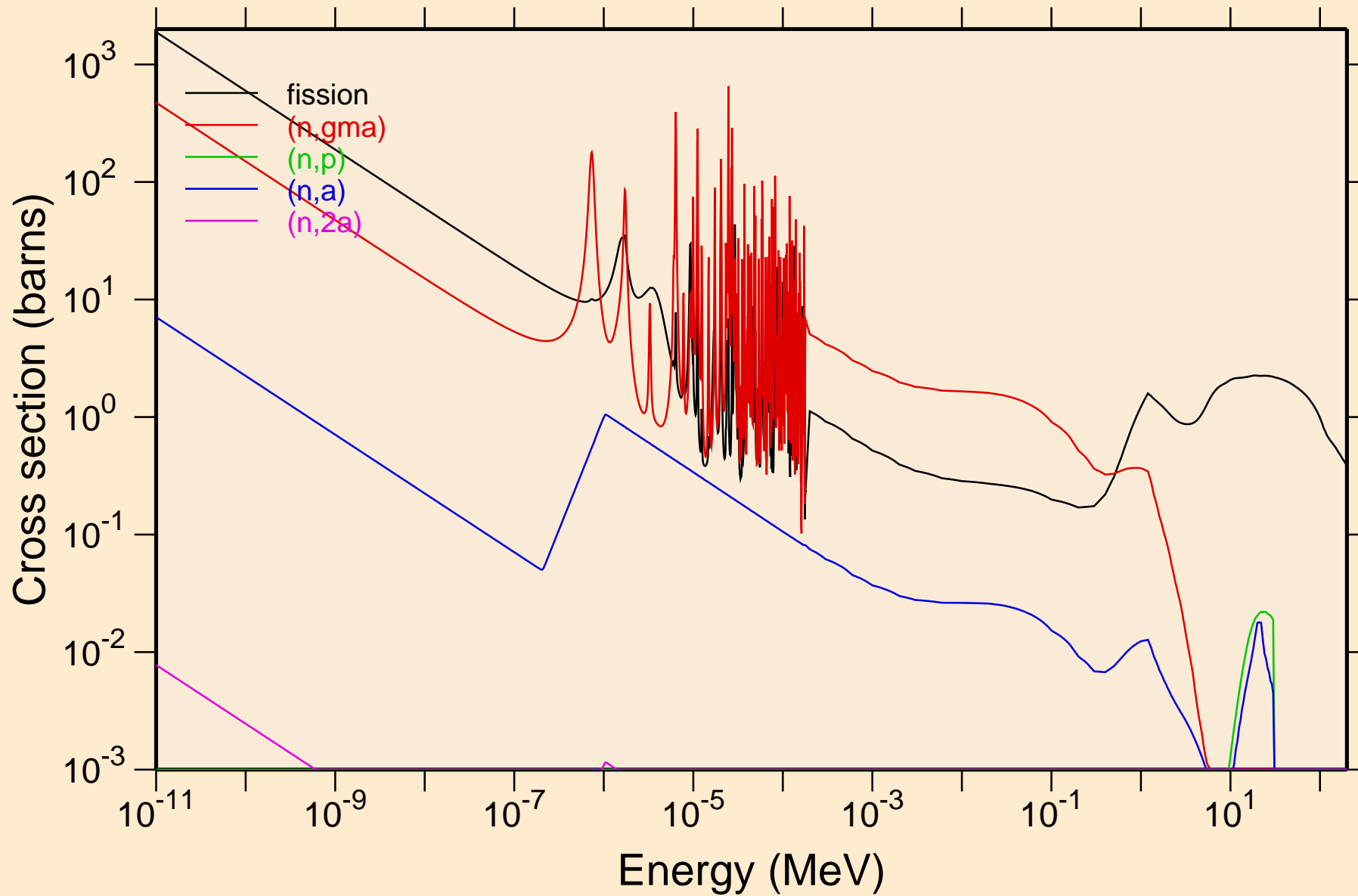


RF257 NRG TENDL-2015, AKONING  
resonance absorption cross sections

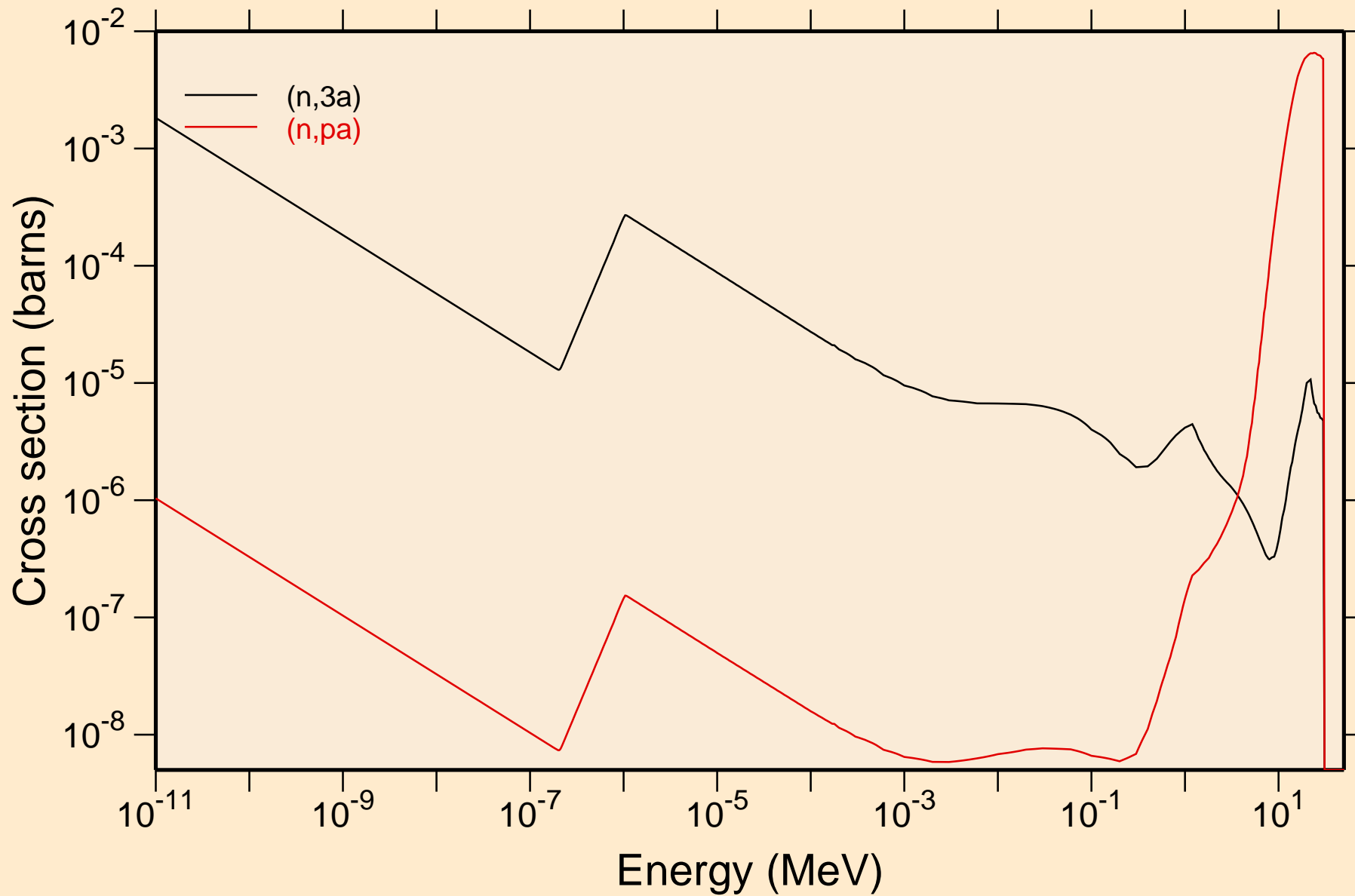


# RF257 NRG TENDL-2015, AKONING

## Non-threshold reactions

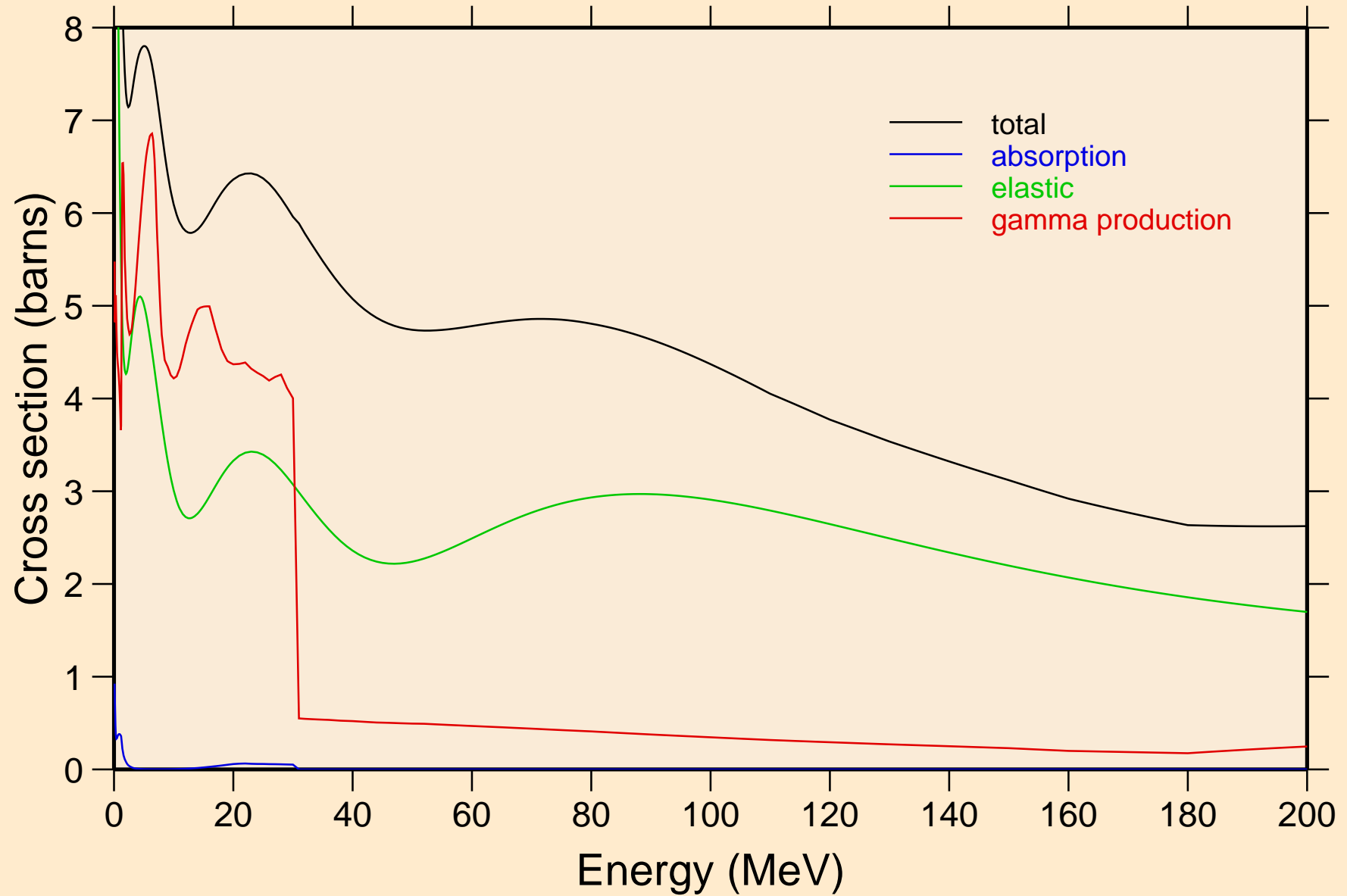


RF257 NRG TENDL-2015, AKONING  
Non-threshold reactions



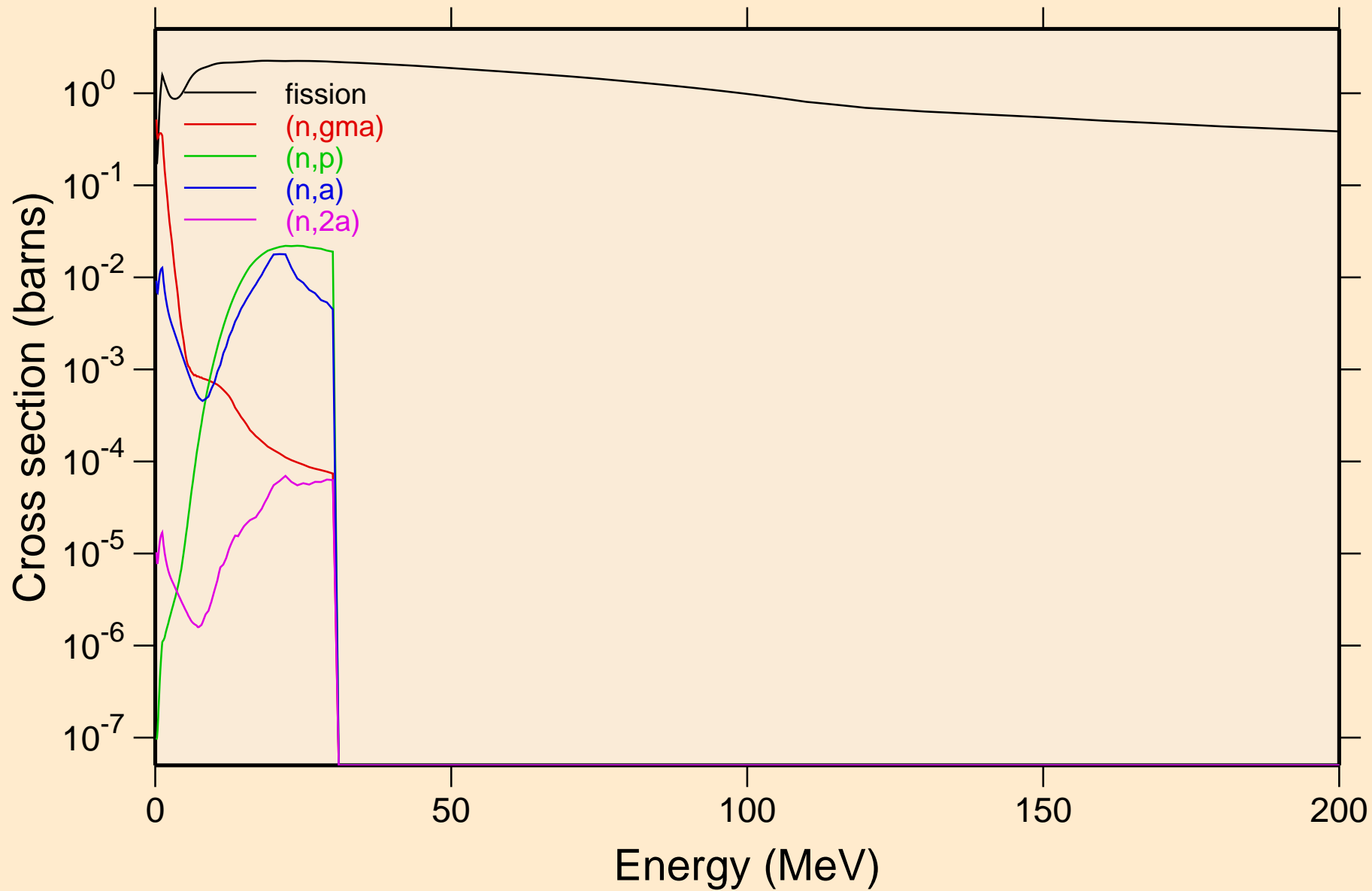
# RF257 NRG TENDL-2015, AKONING

## Principal cross sections

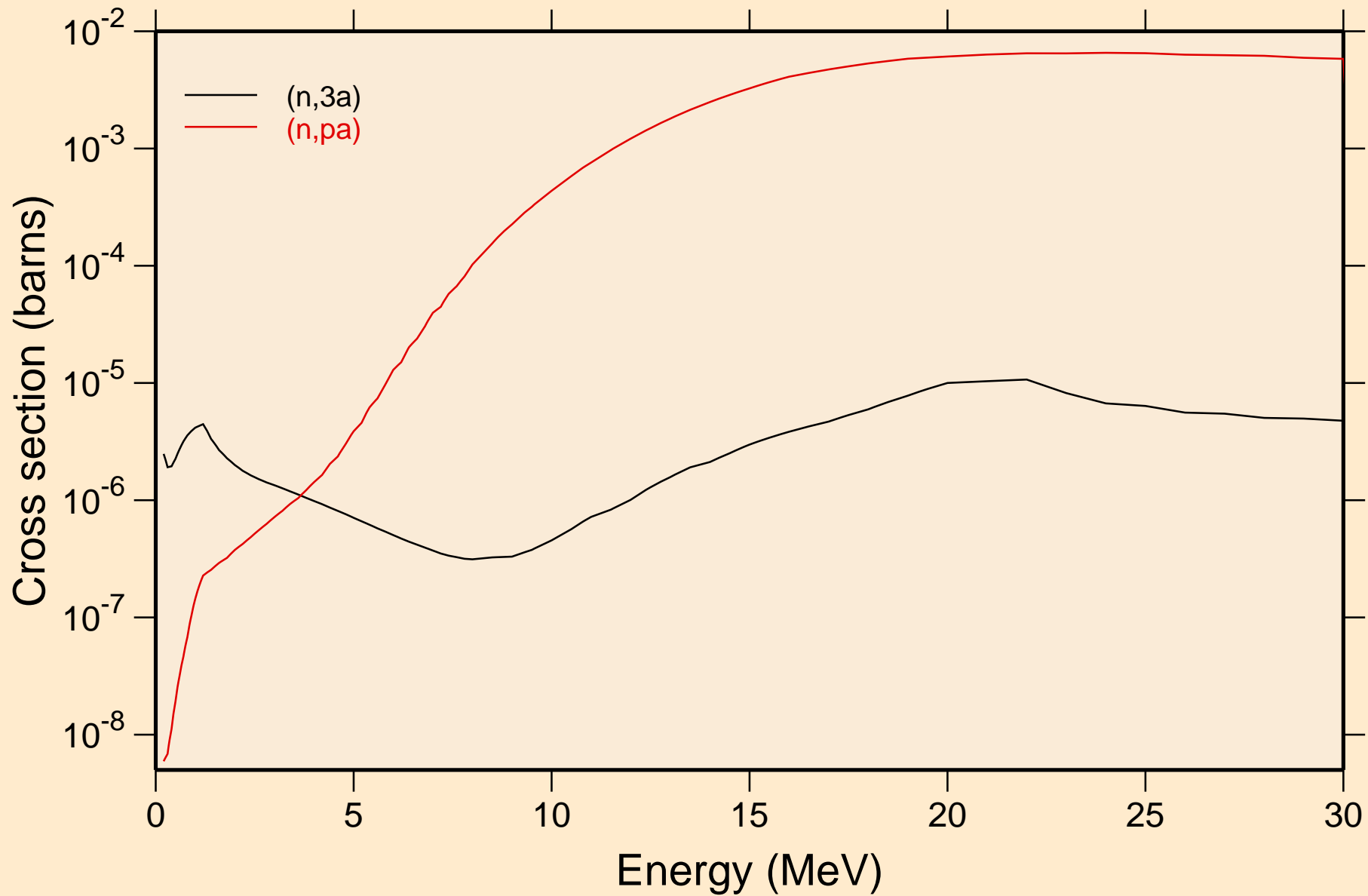


# RF257 NRG TENDL-2015, AKONING

## Non-threshold reactions

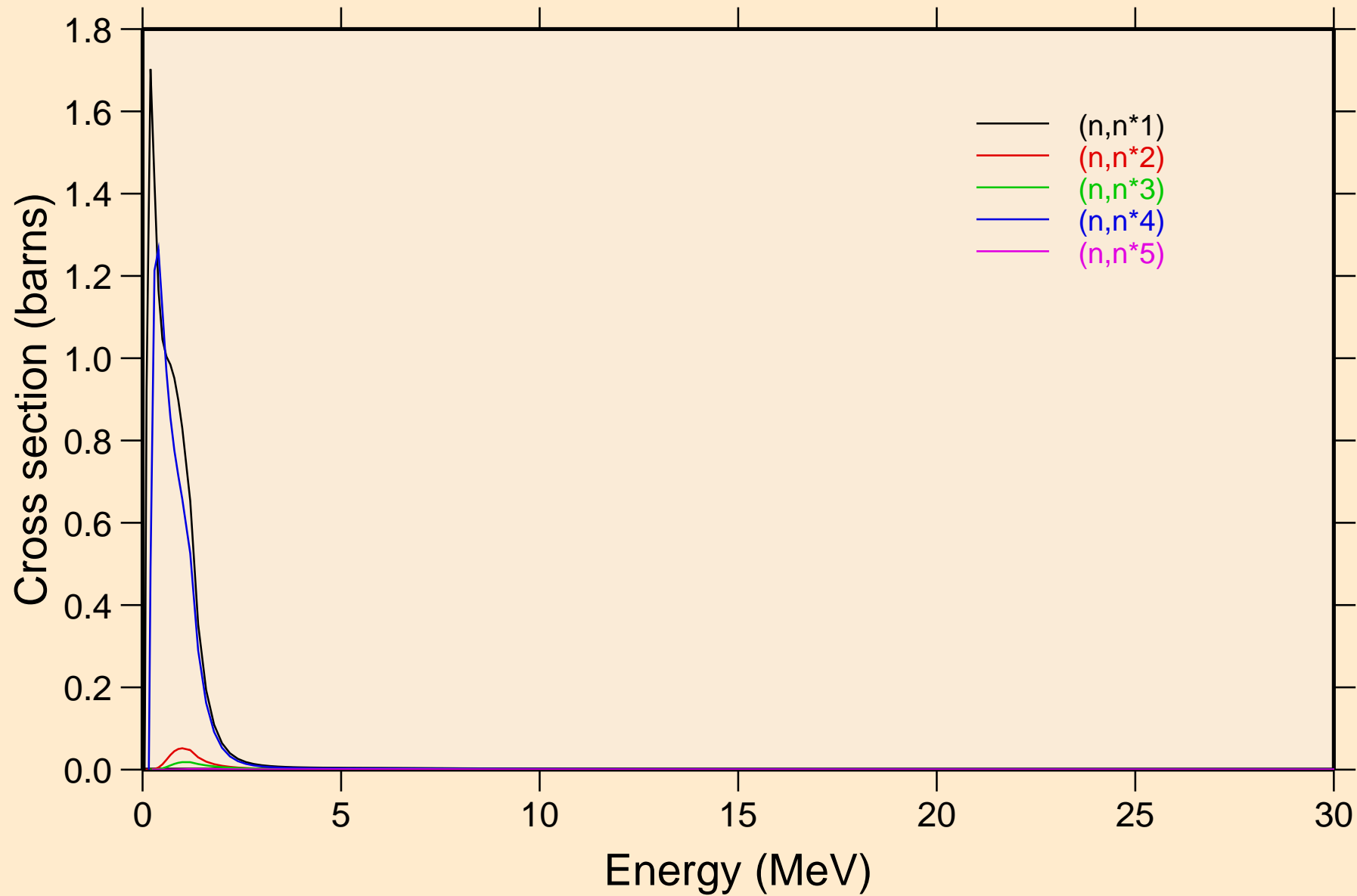


RF257 NRG TENDL-2015, AKONING  
Non-threshold reactions



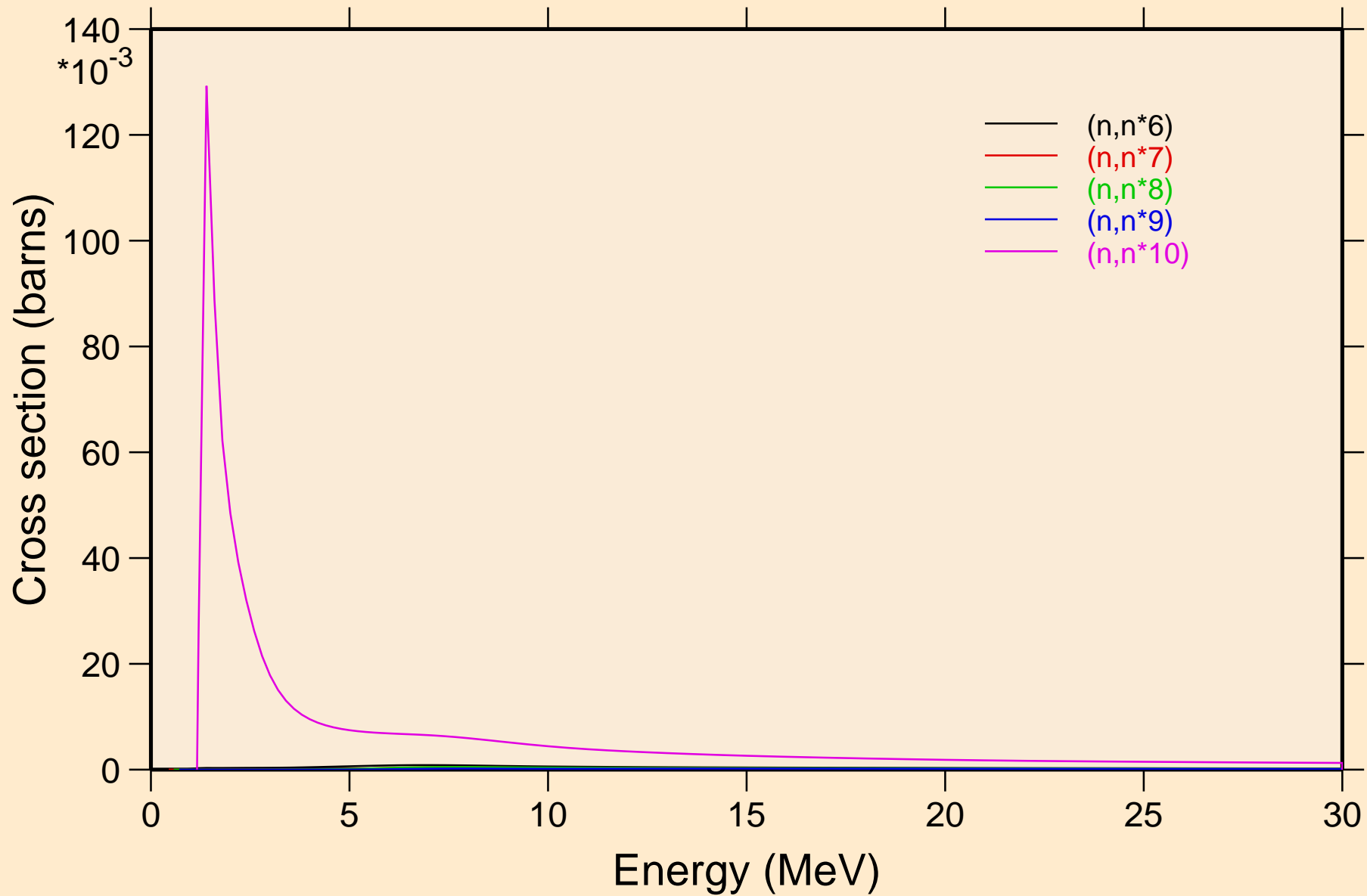
# RF257 NRG TENDL-2015, AKONING

## Inelastic levels



# RF257 NRG TENDL-2015, AKONING

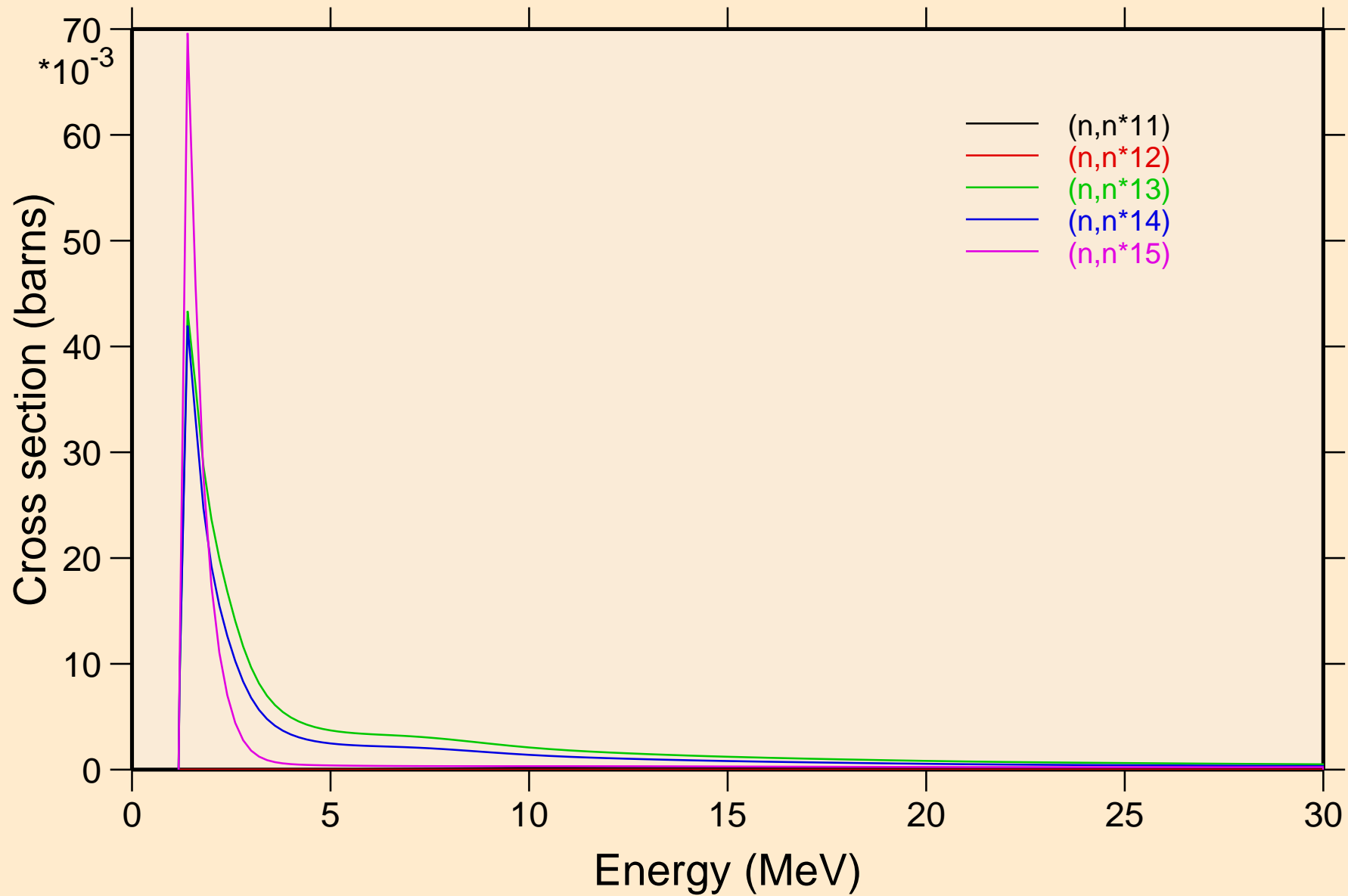
## Inelastic levels





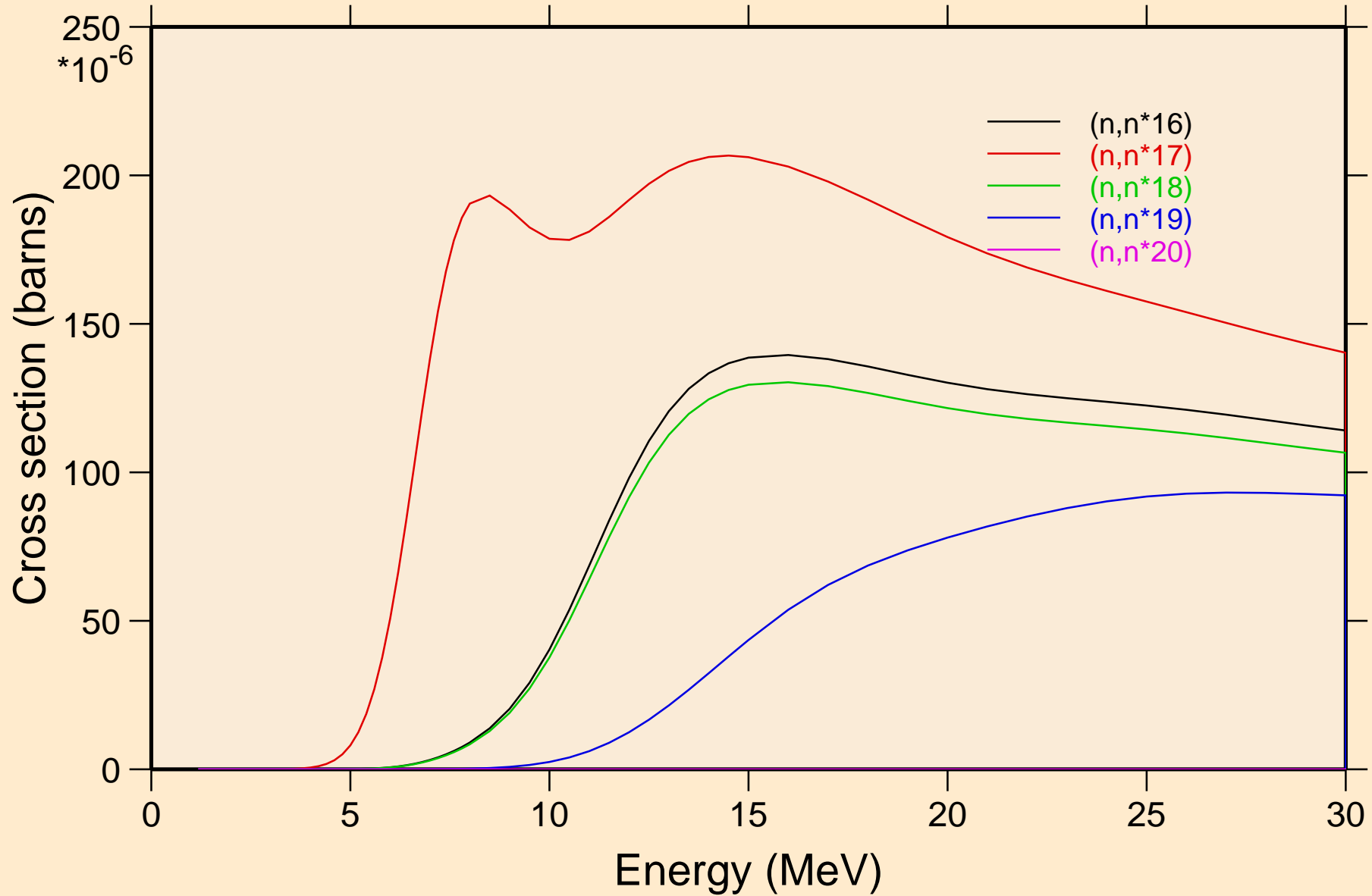
# RF257 NRG TENDL-2015, AKONING

## Inelastic levels



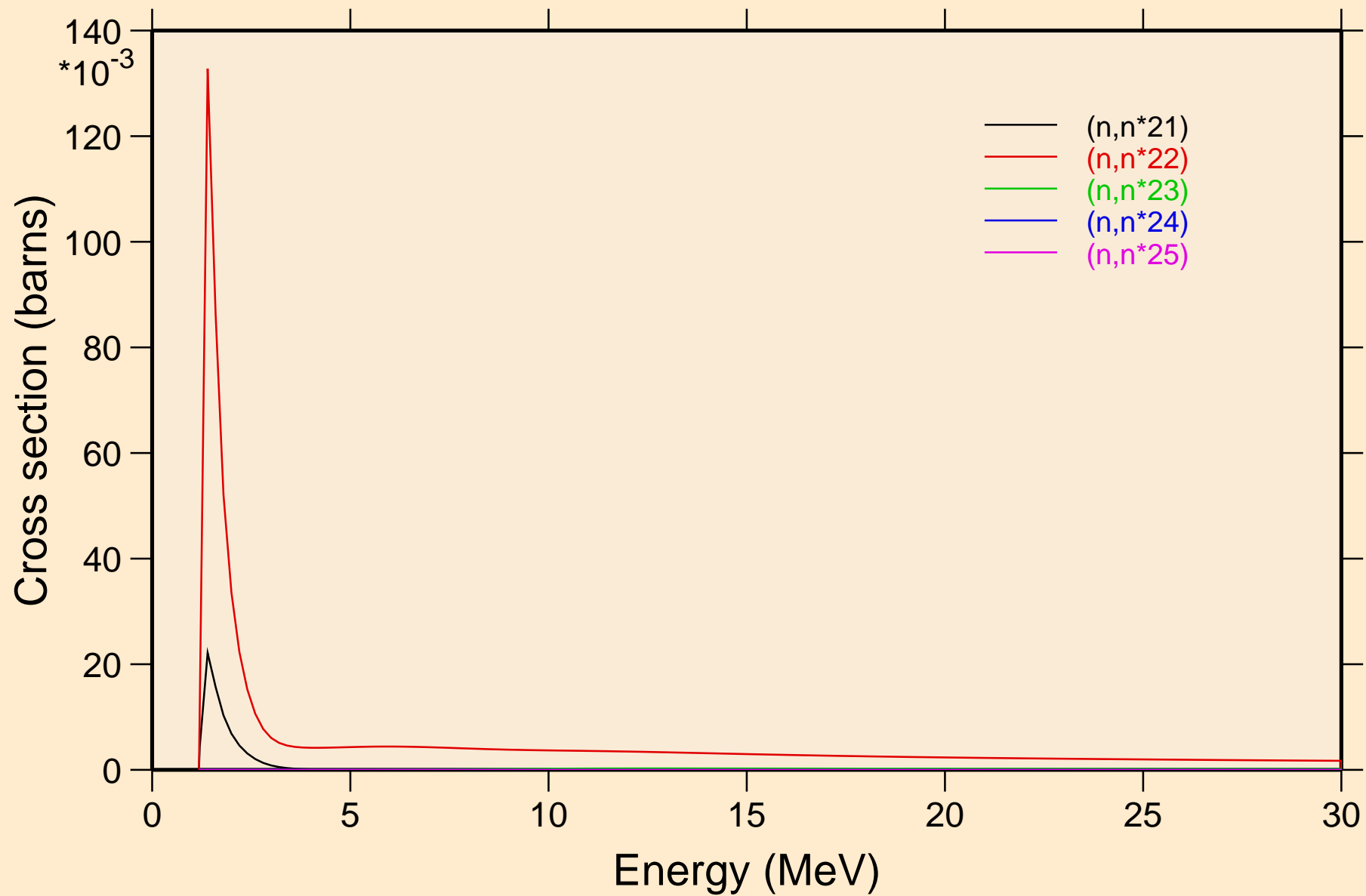
# RF257 NRG TENDL-2015, AKONING

## Inelastic levels

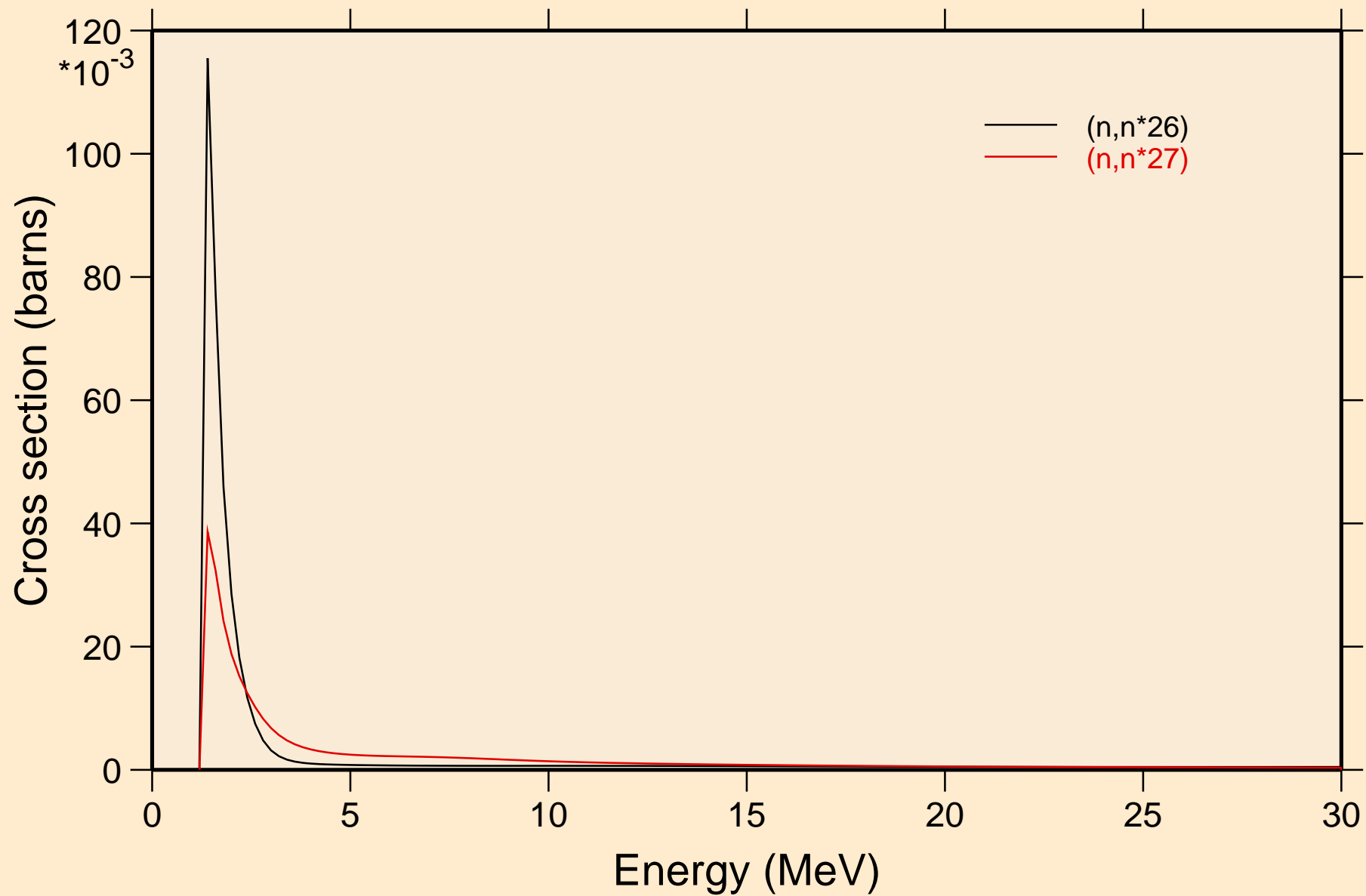


# RF257 NRG TENDL-2015, AKONING

## Inelastic levels

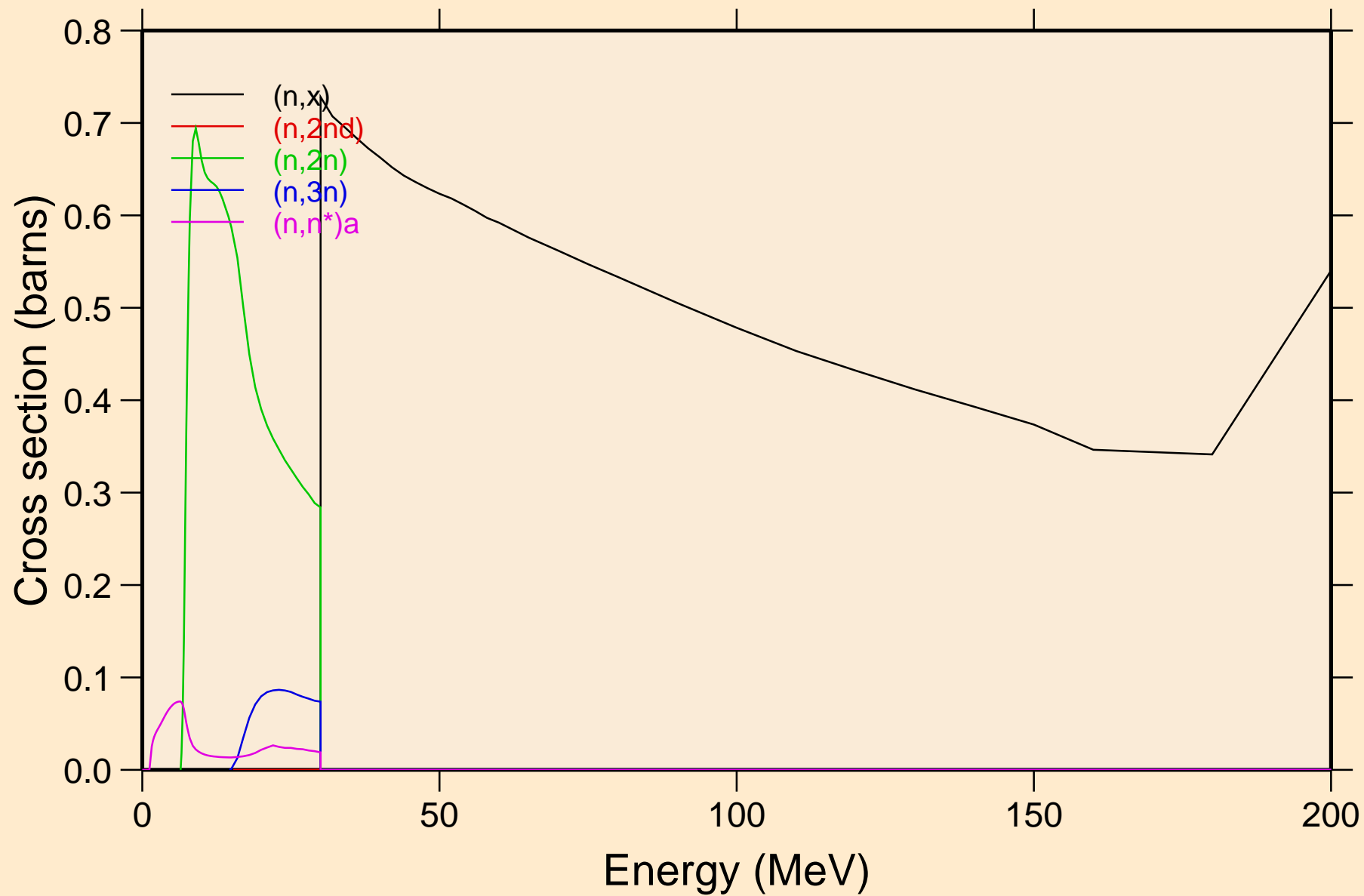


RF257 NRG TENDL-2015, AKONING  
Inelastic levels



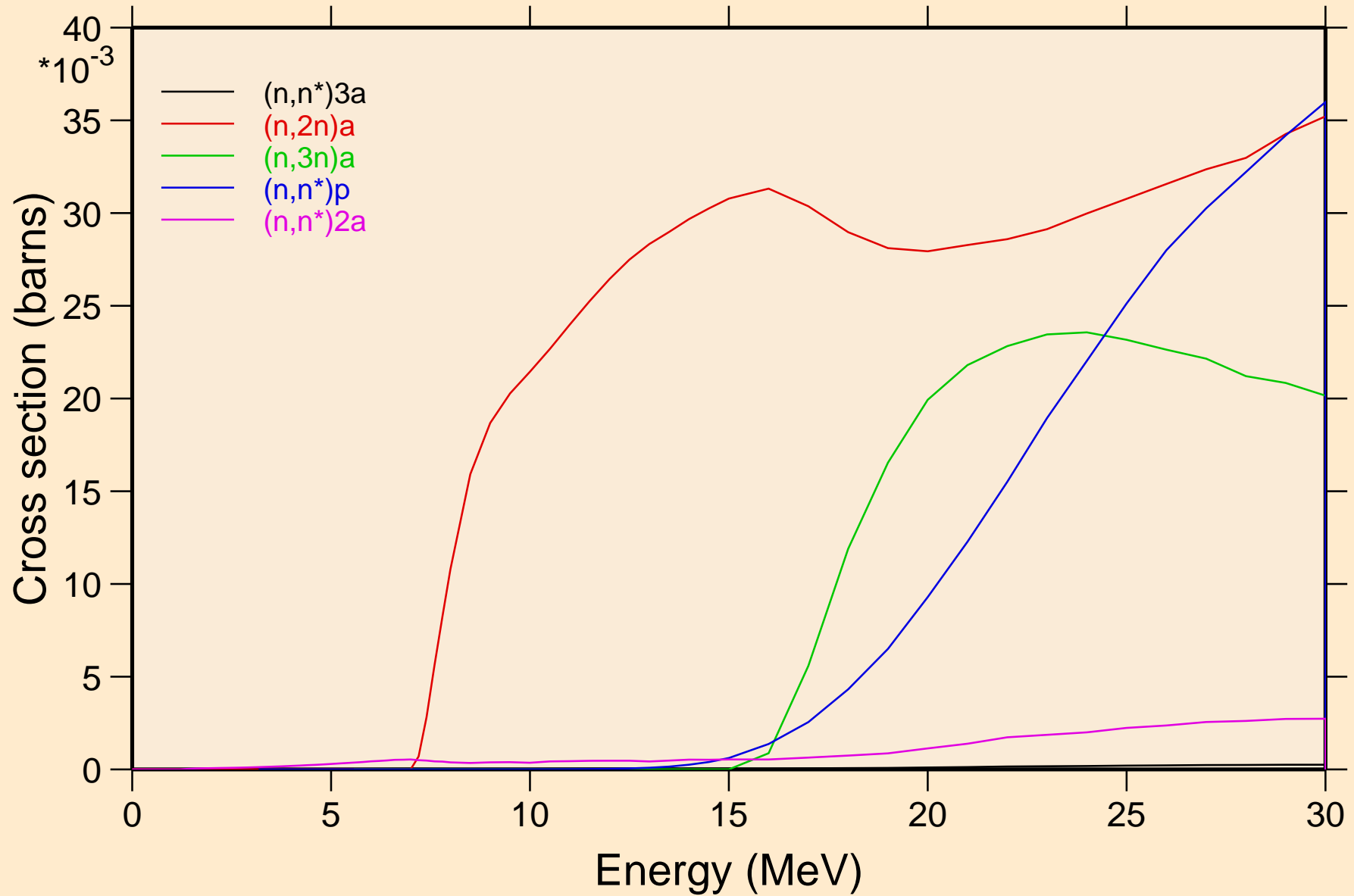
# RF257 NRG TENDL-2015, AKONING

## Threshold reactions



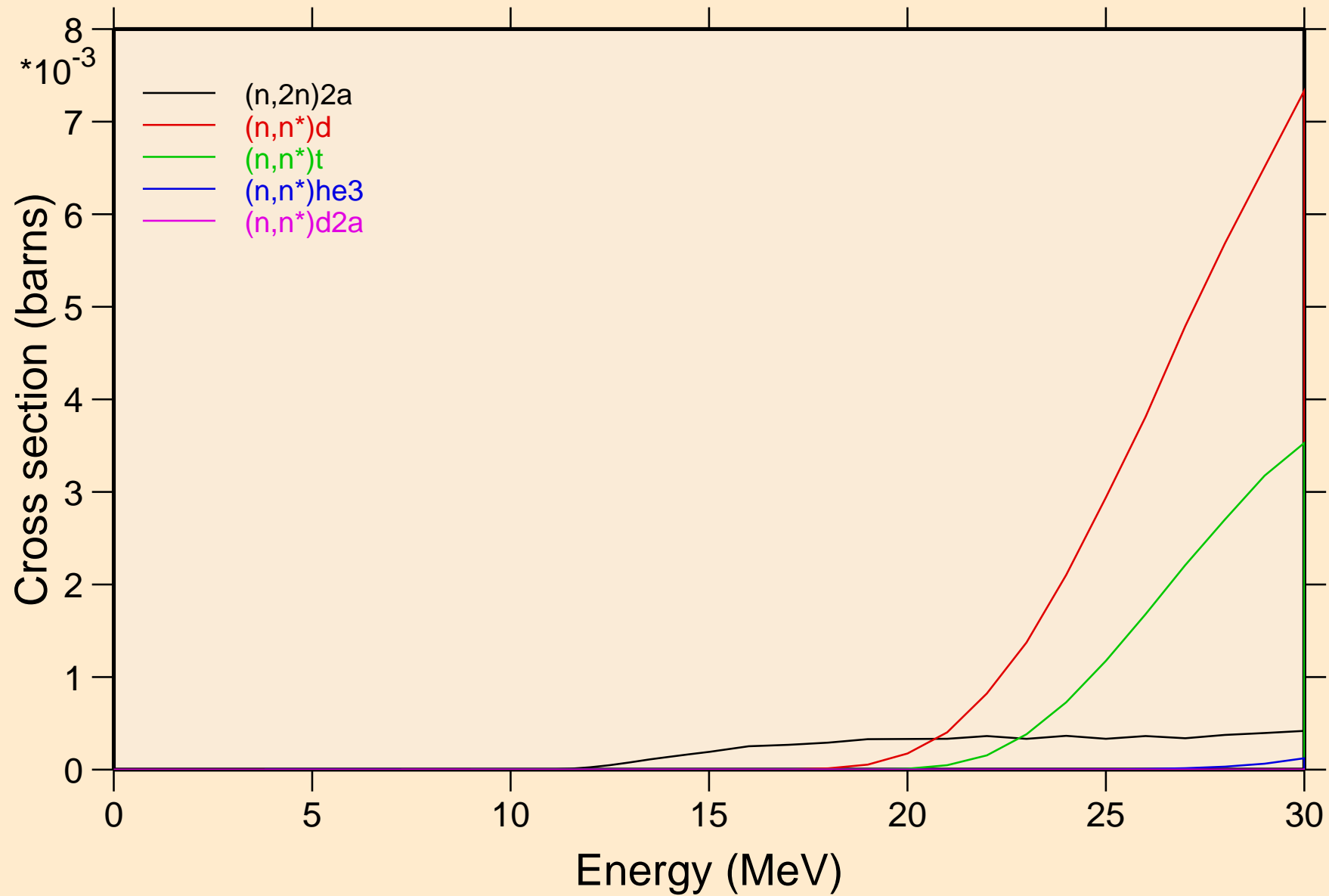
# RF257 NRG TENDL-2015, AKONING

## Threshold reactions



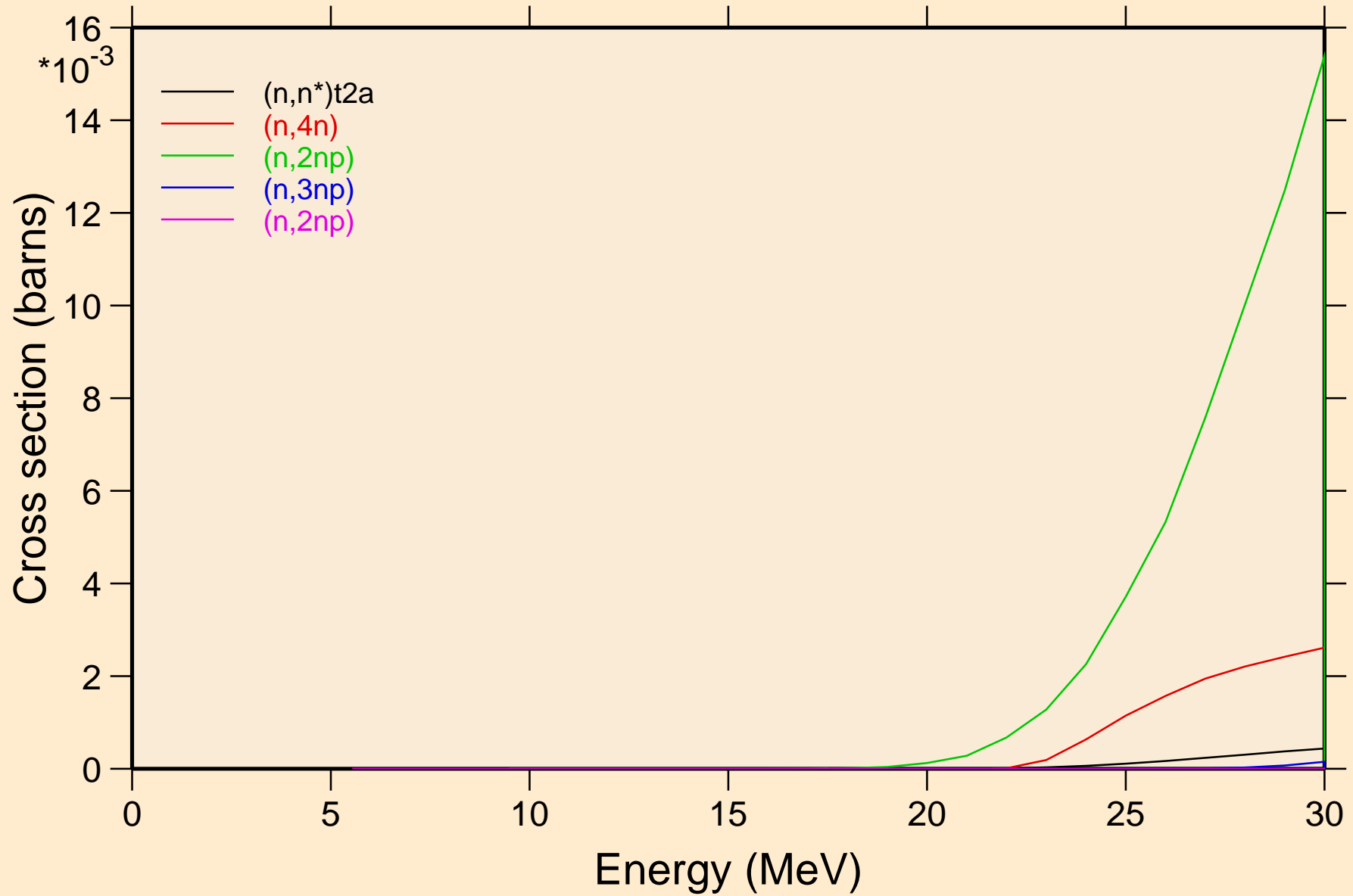
# RF257 NRG TENDL-2015, AKONING

## Threshold reactions



# RF257 NRG TENDL-2015, AKONING

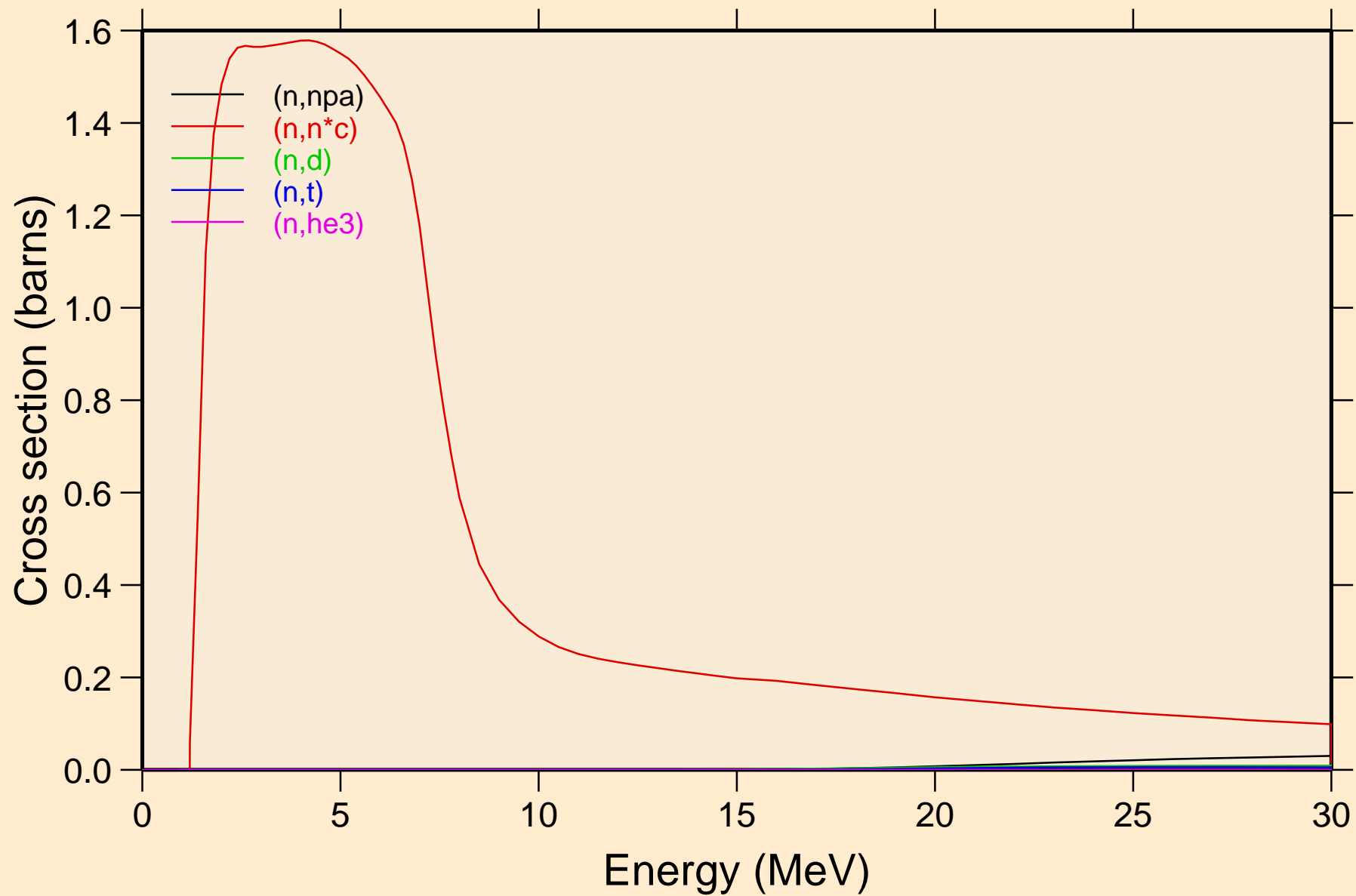
## Threshold reactions





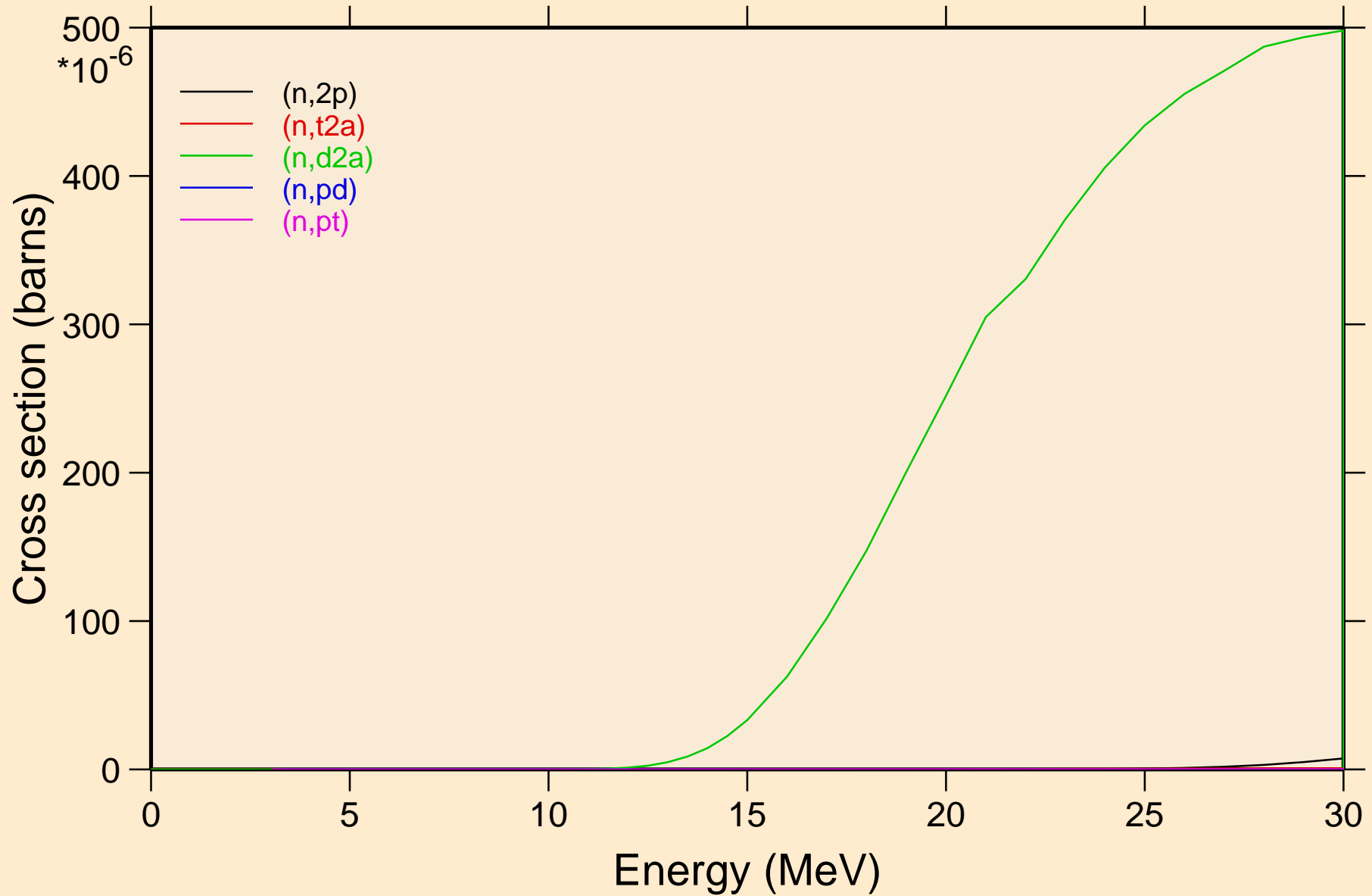
# RF257 NRG TENDL-2015, AKONING

## Threshold reactions



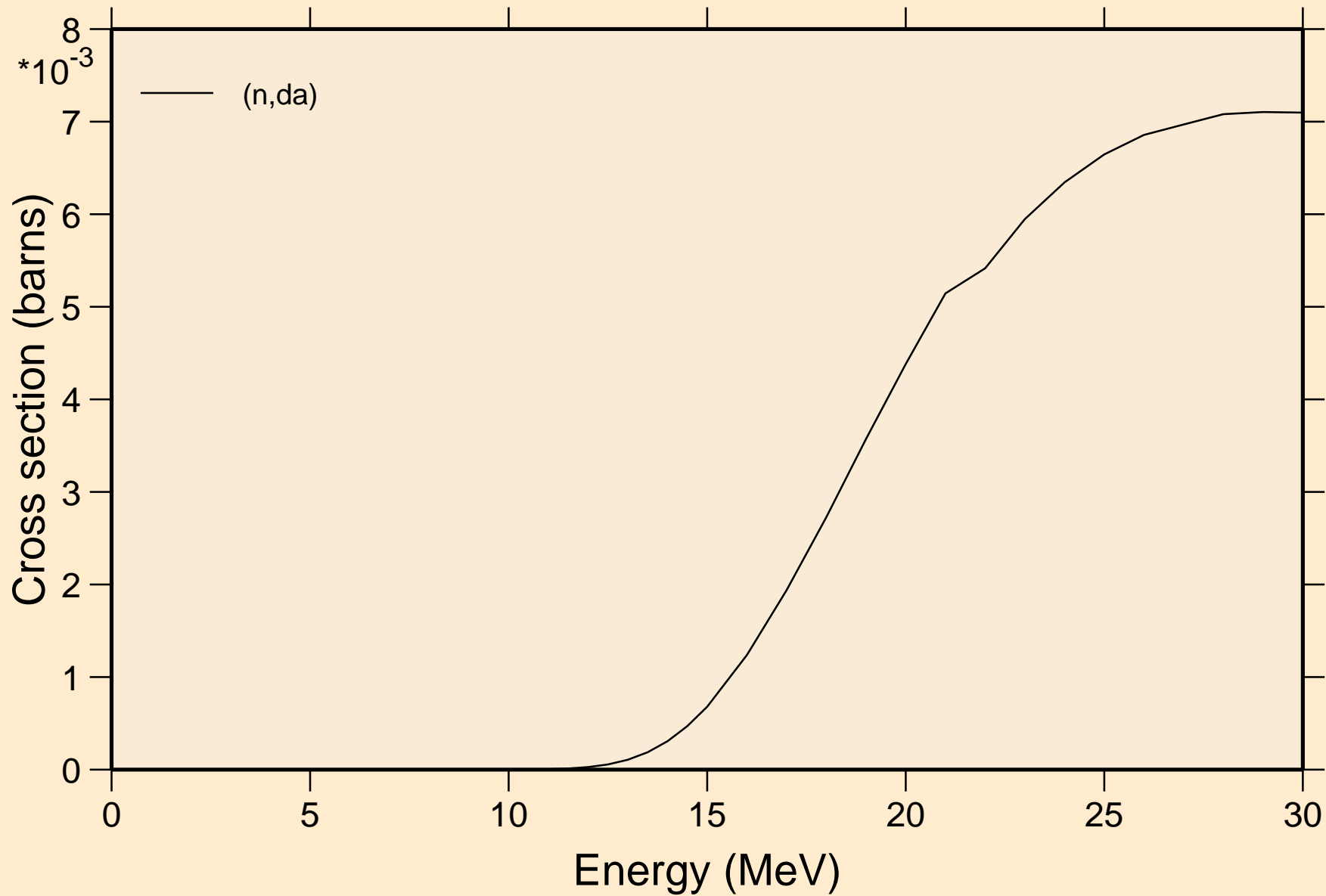
# RF257 NRG TENDL-2015, AKONING

## Threshold reactions

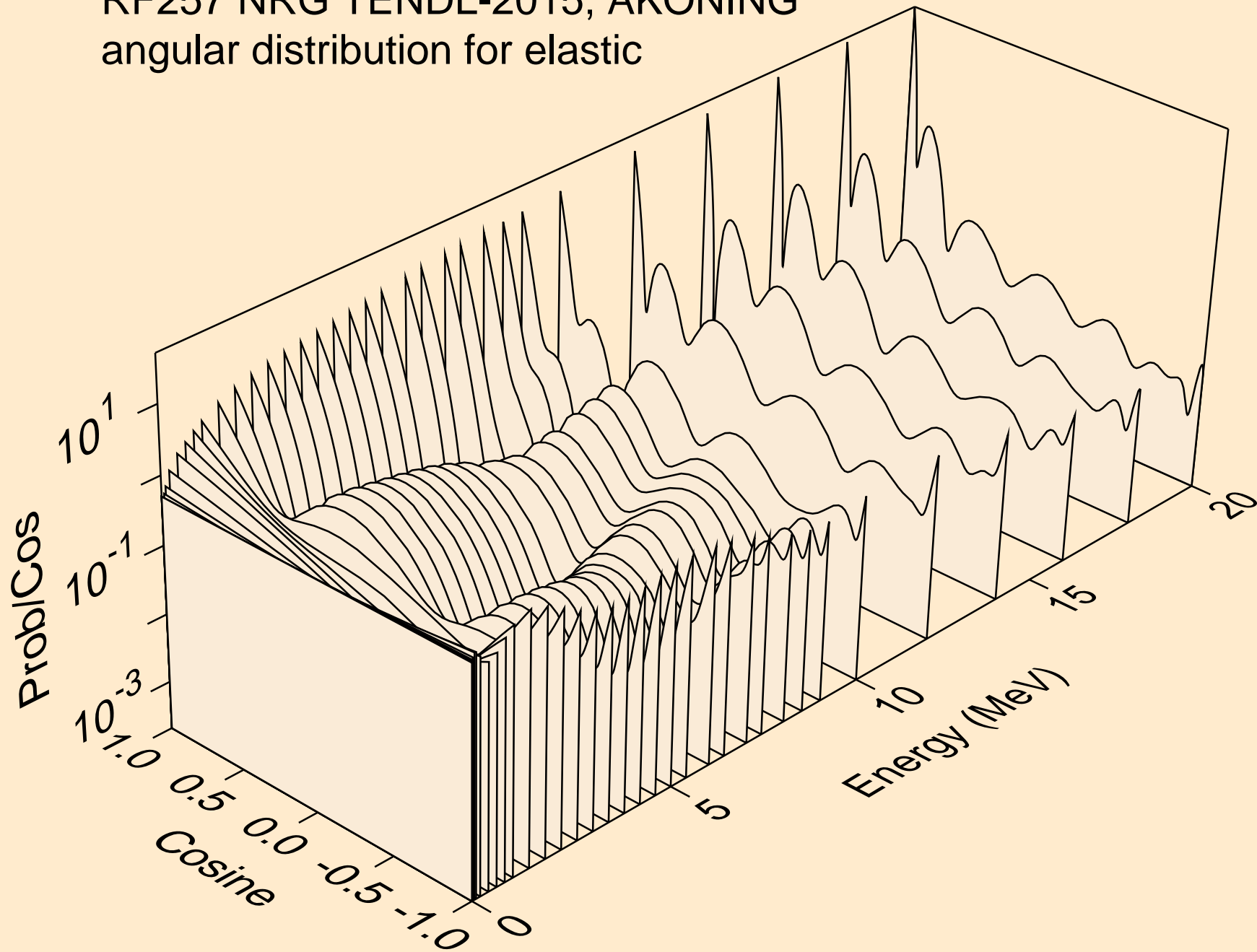


# RF257 NRG TENDL-2015, AKONING

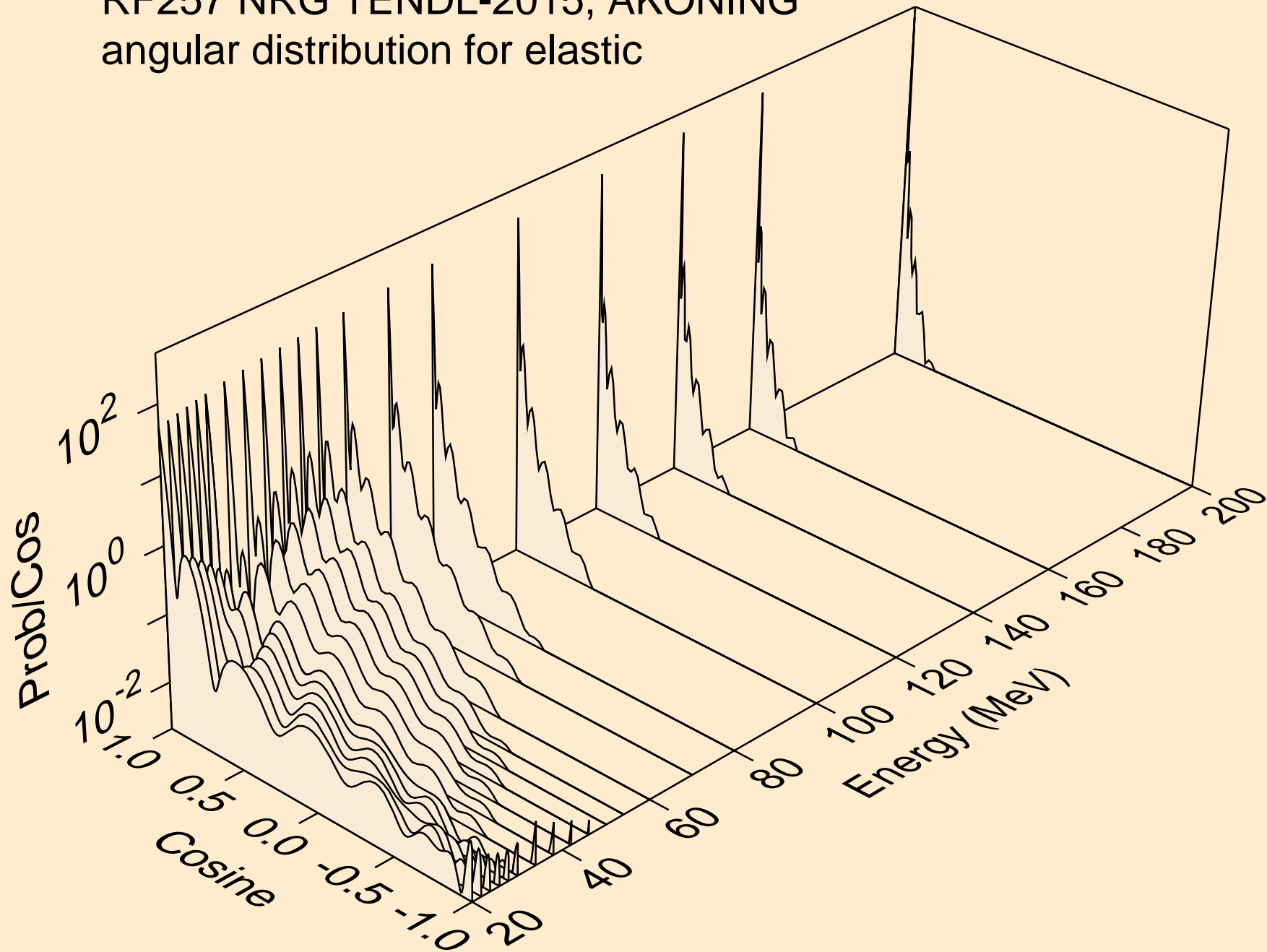
## Threshold reactions



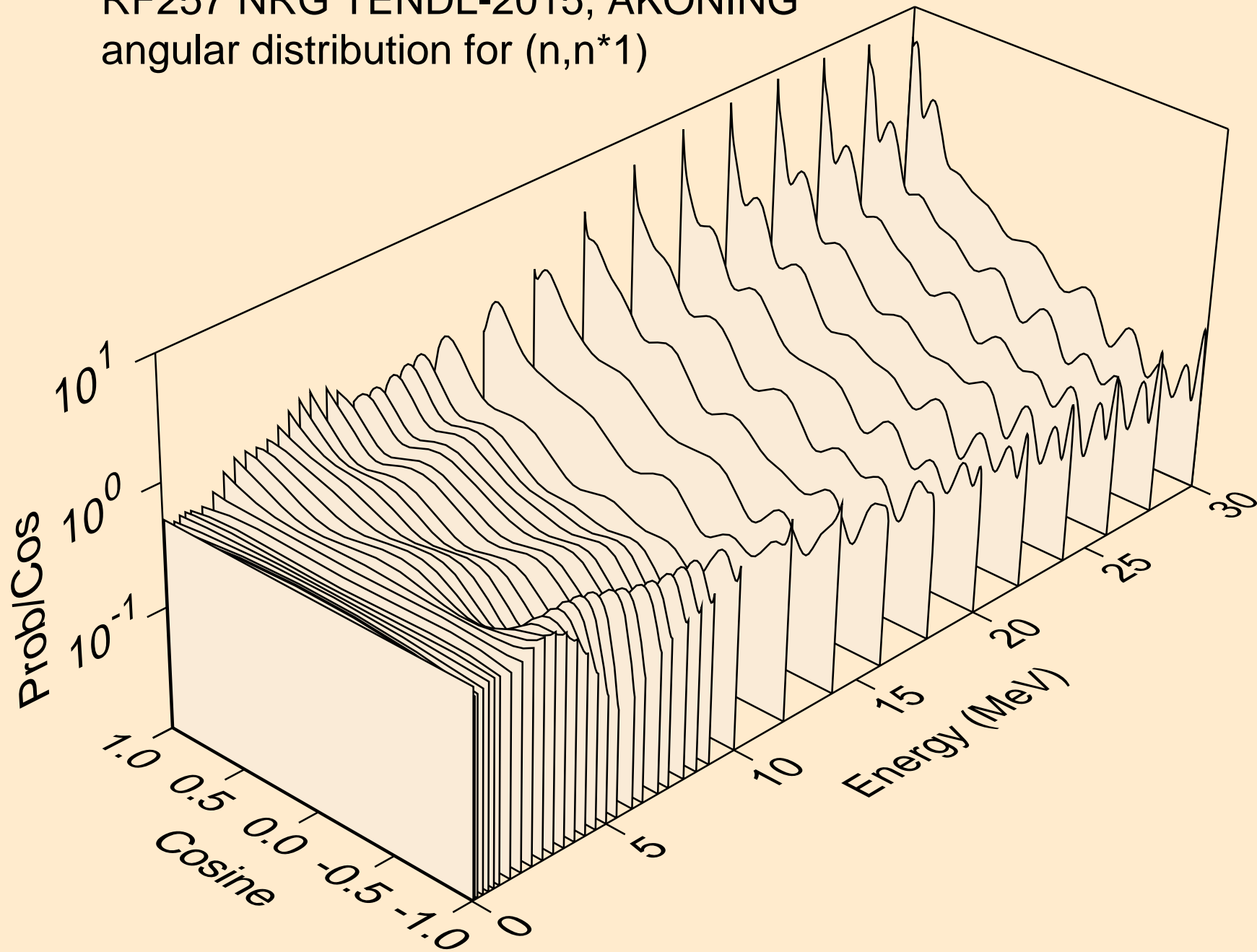
RF257 NRG TENDL-2015, AKONING  
angular distribution for elastic



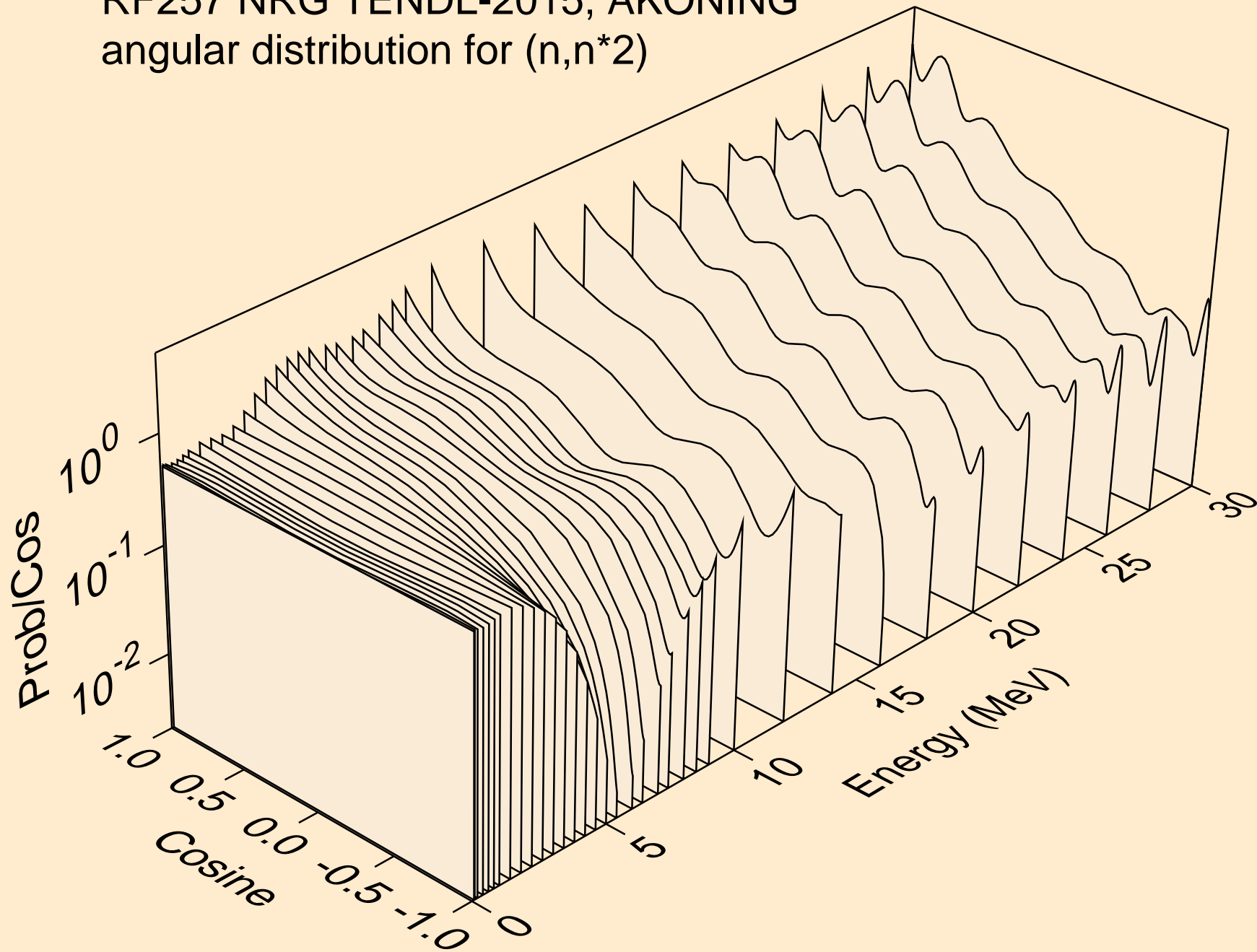
RF257 NRG TENDL-2015, AKONING  
angular distribution for elastic



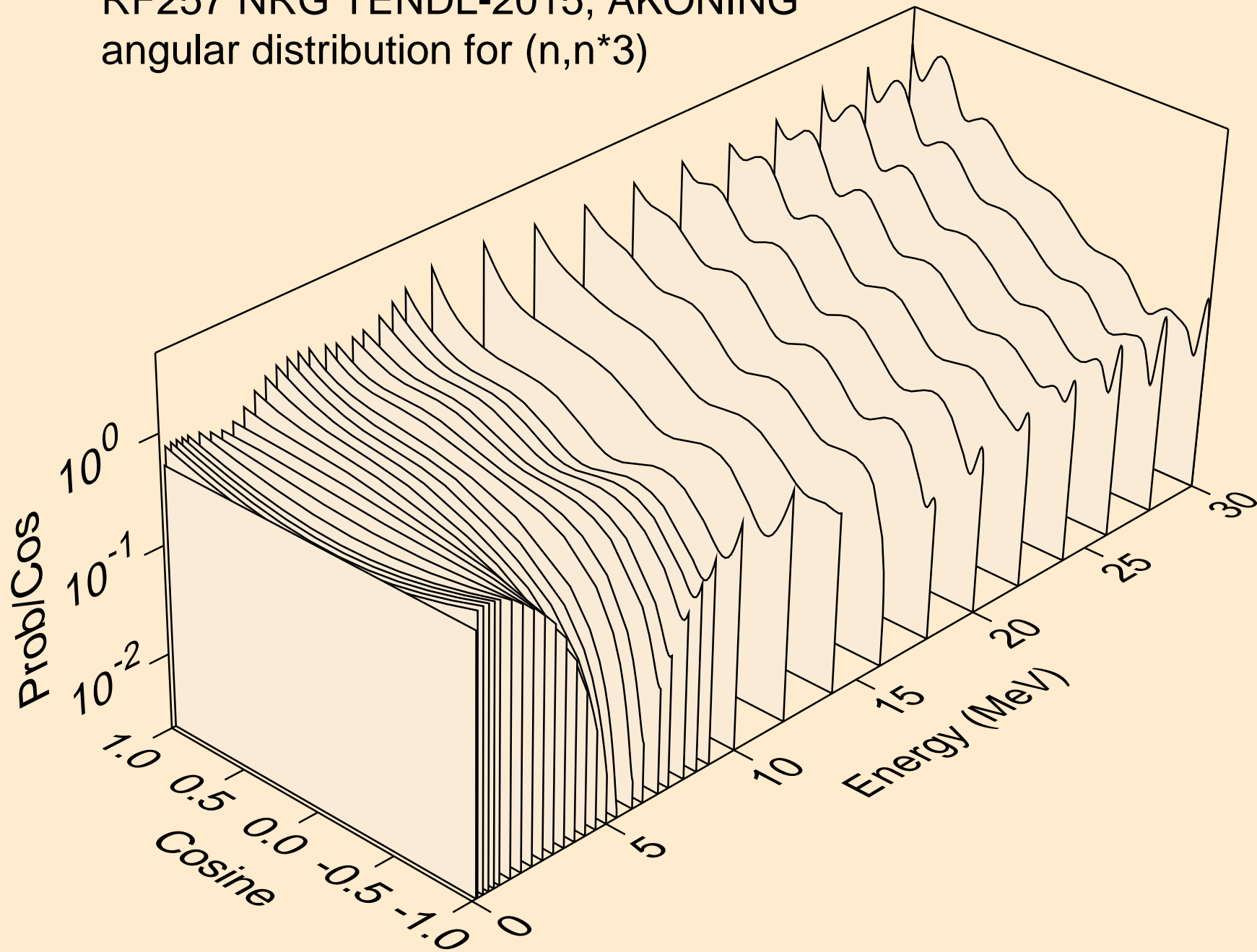
RF257 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



RF257 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)

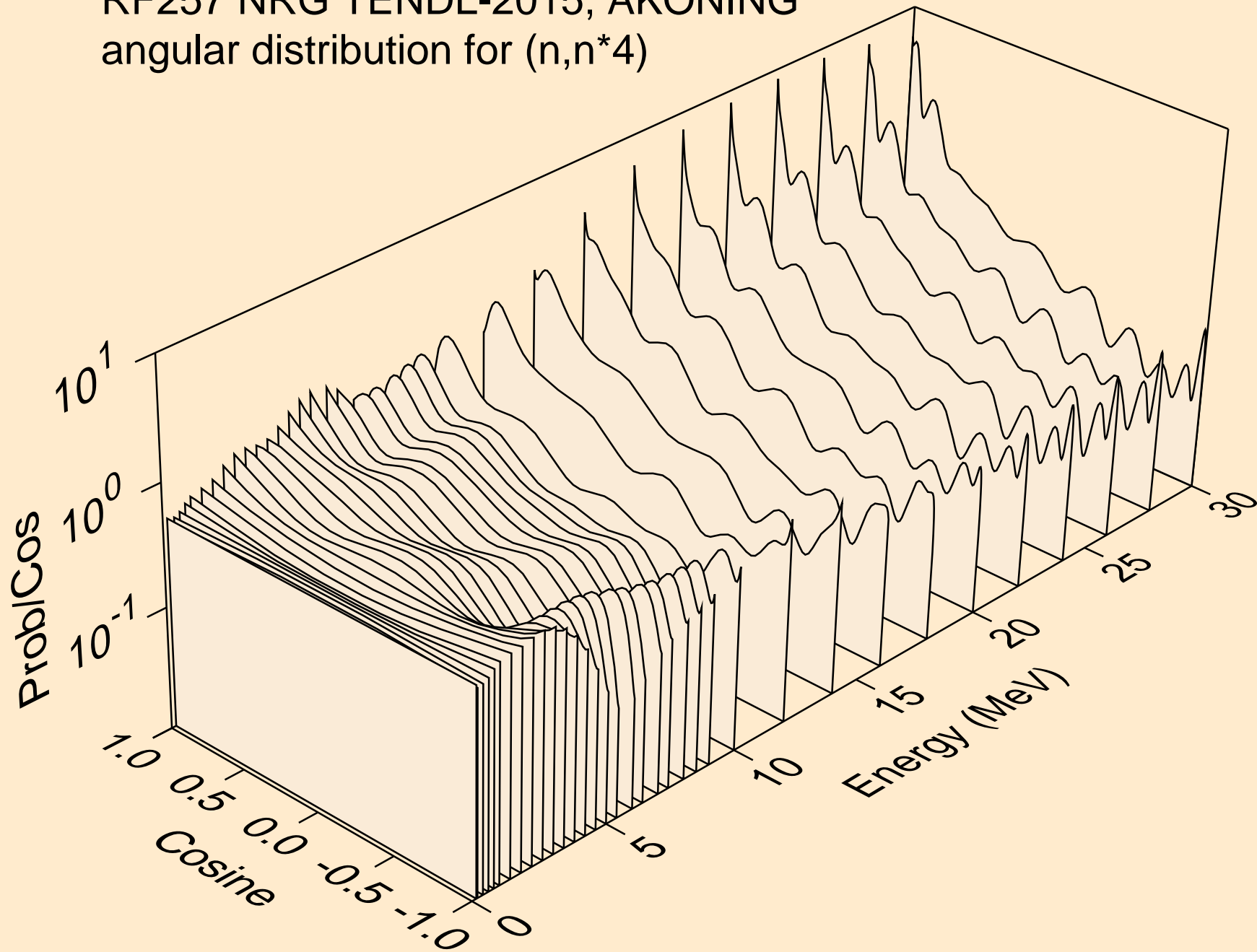


RF257 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)

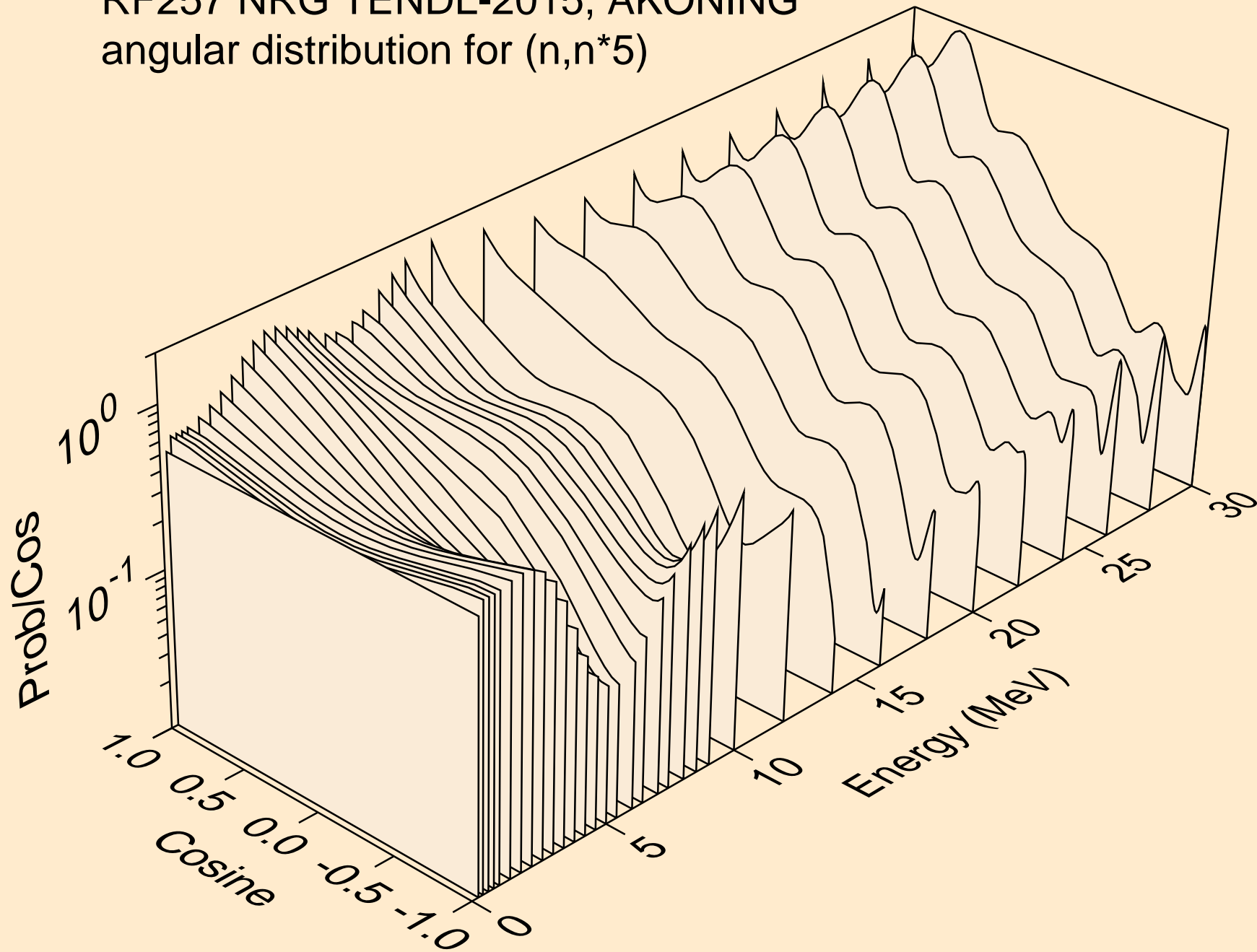




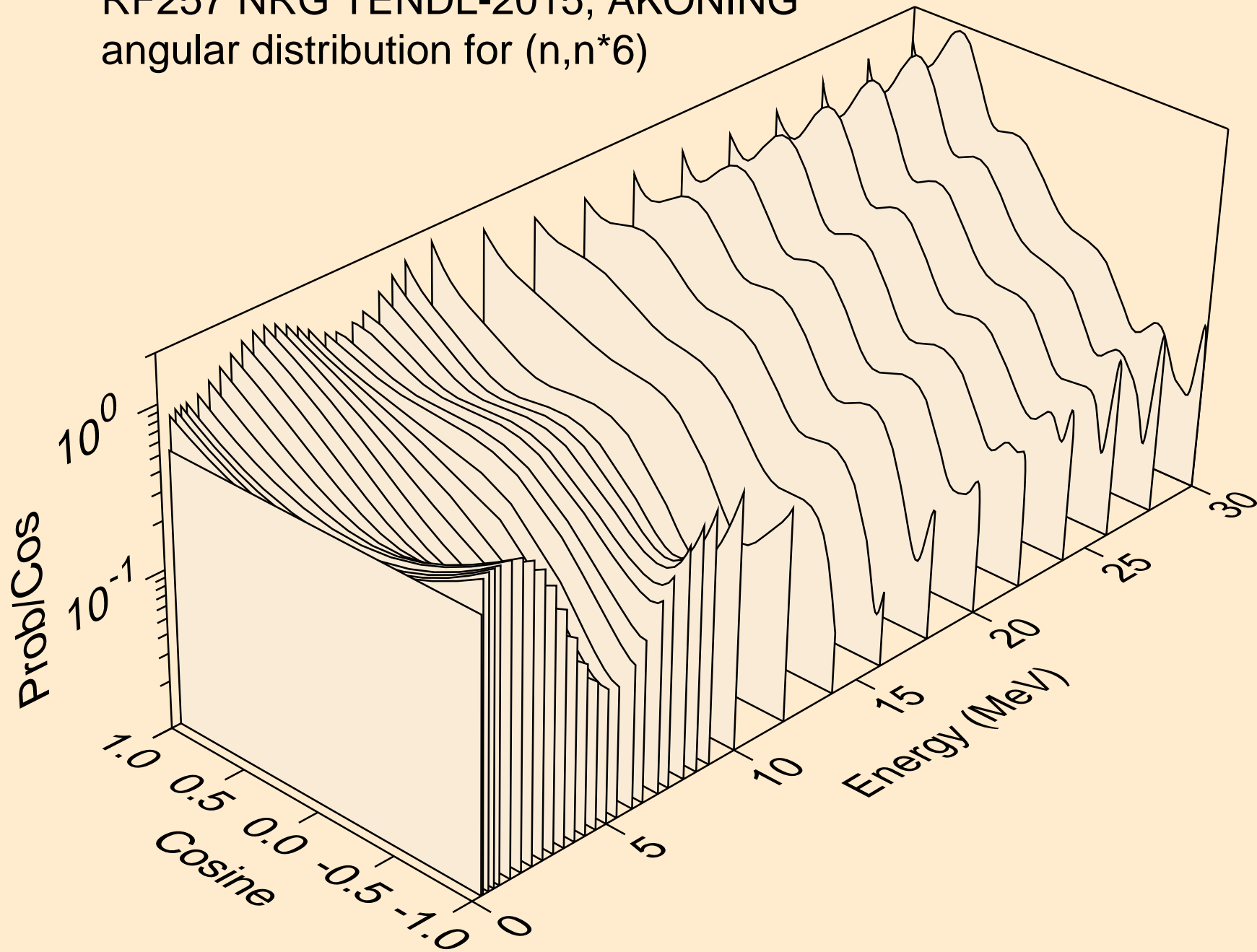
RF257 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



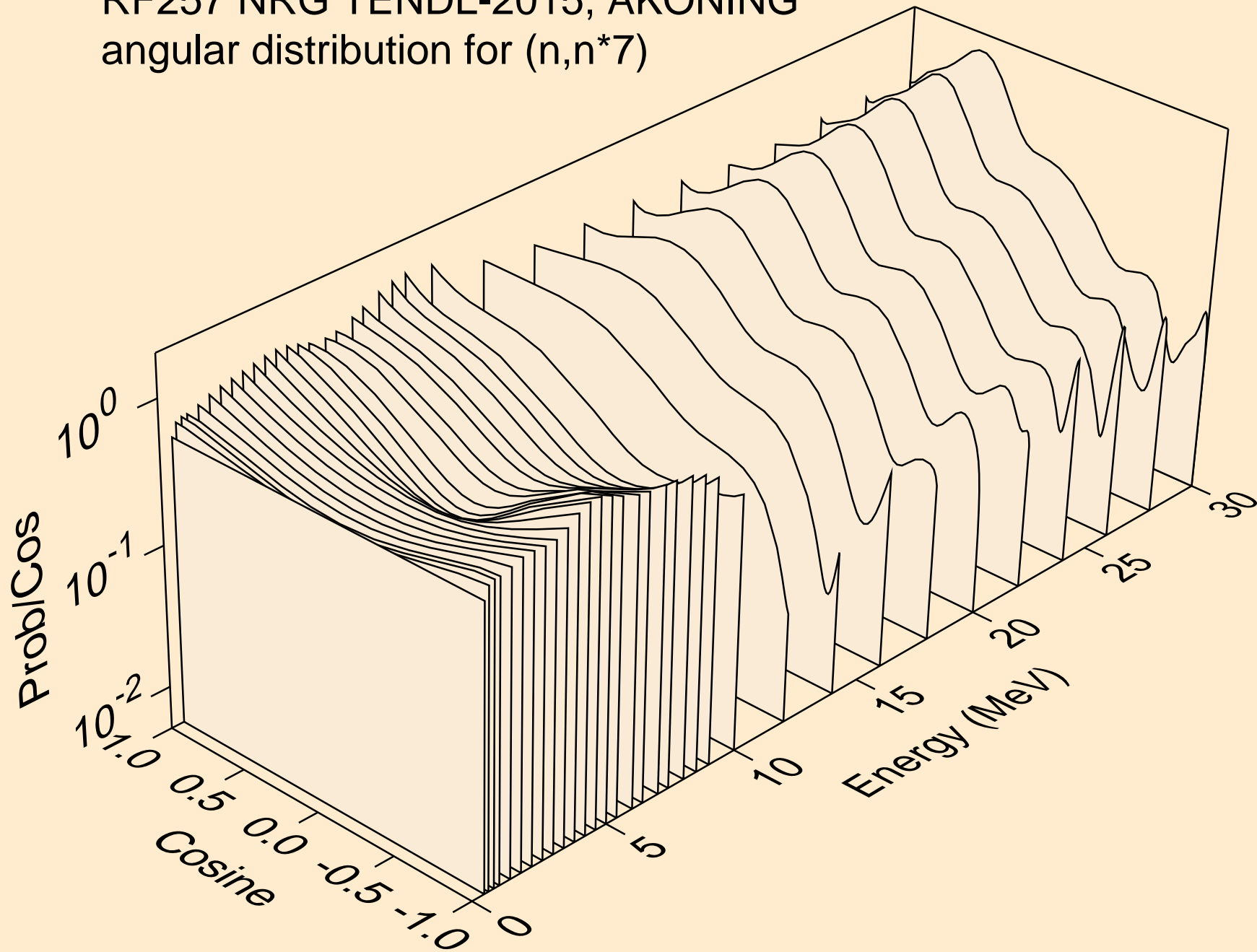
RF257 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



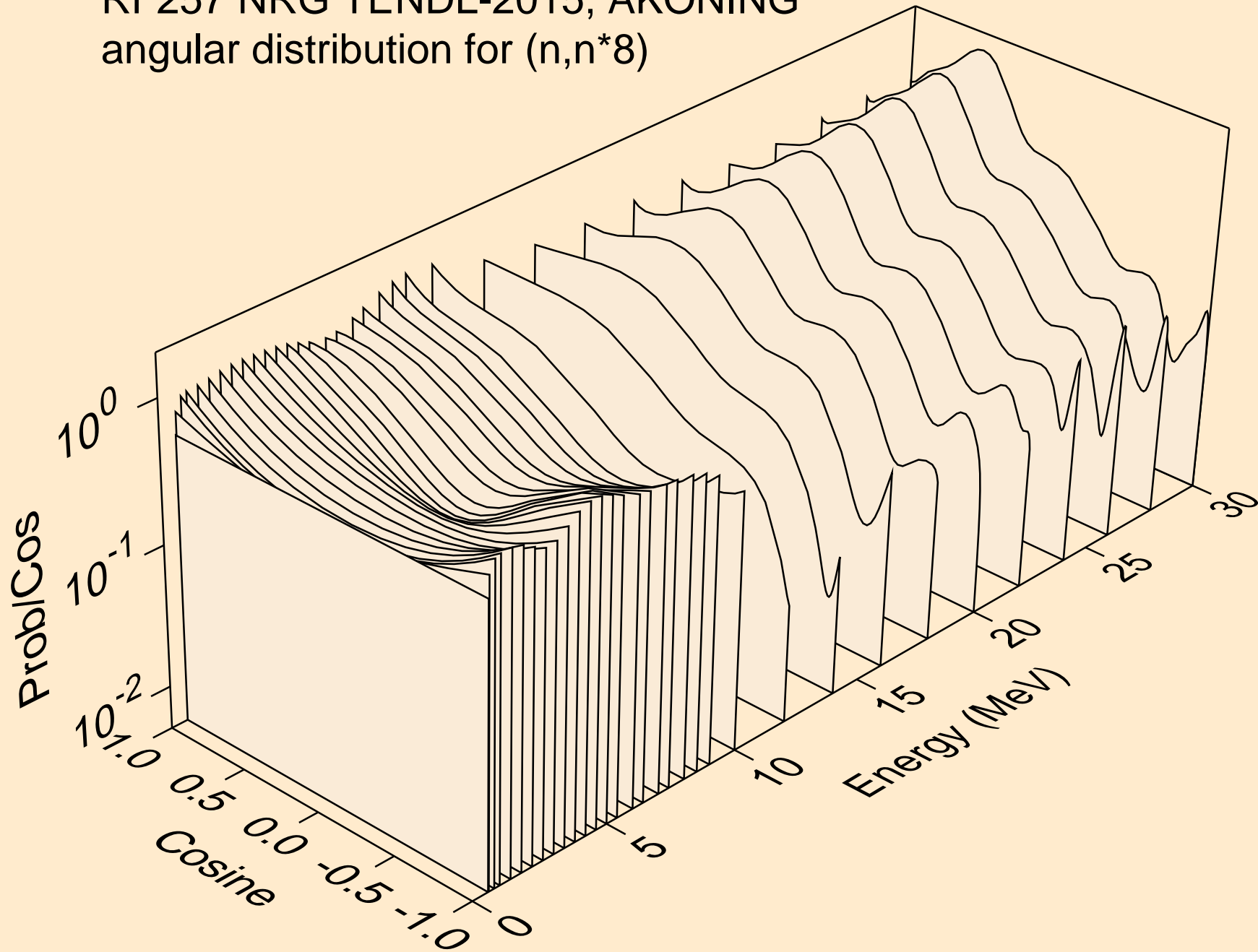
RF257 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



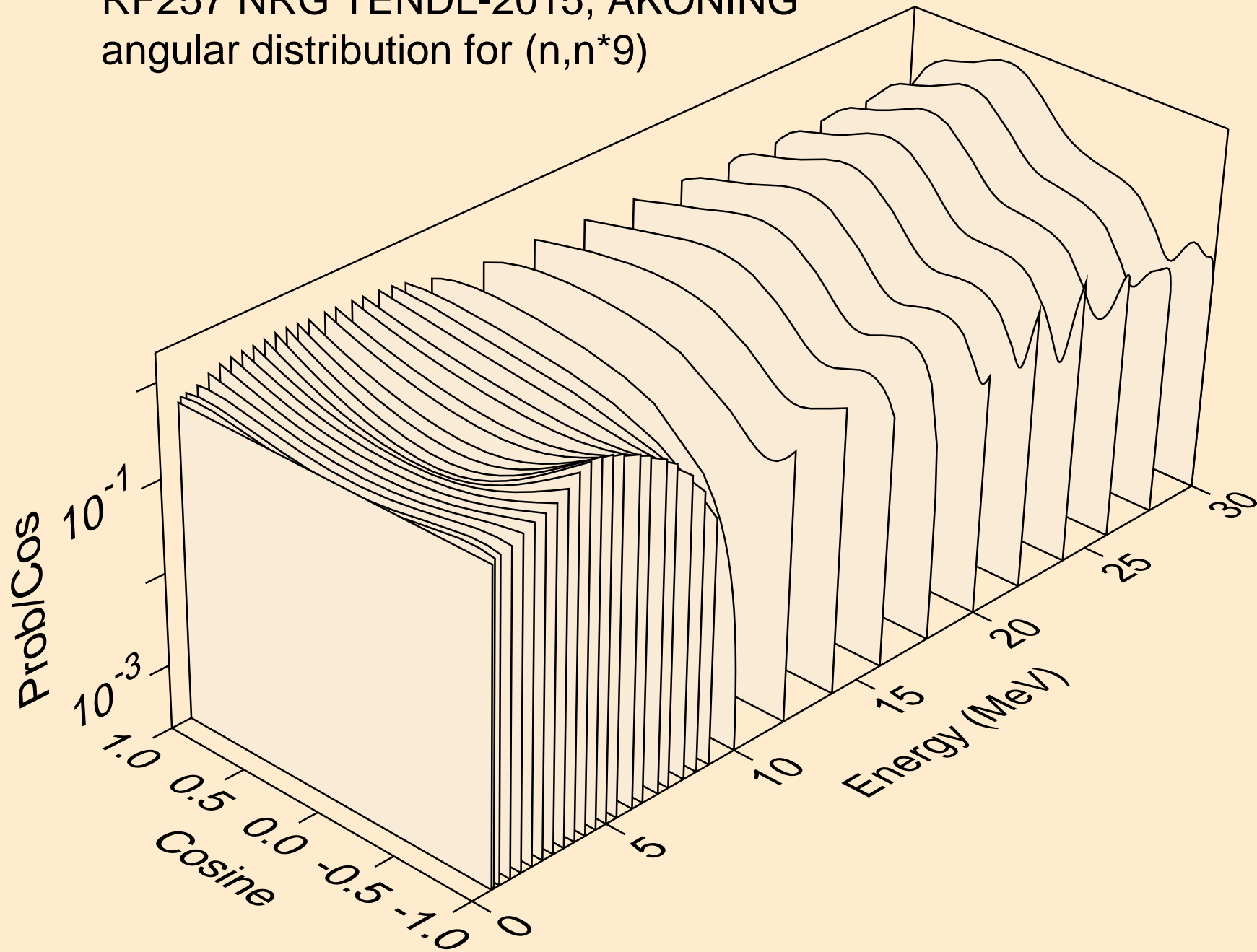
RF257 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



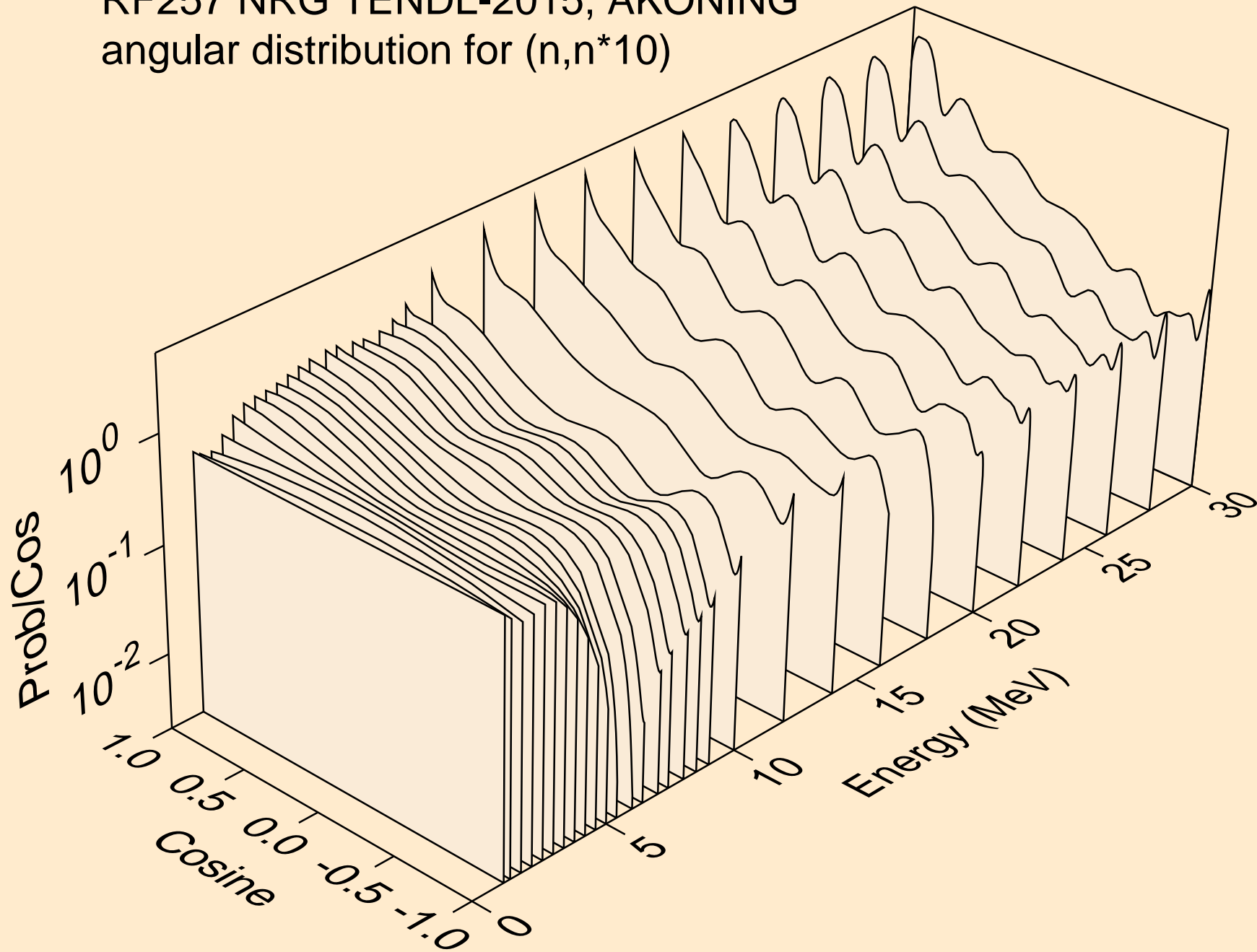
RF257 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



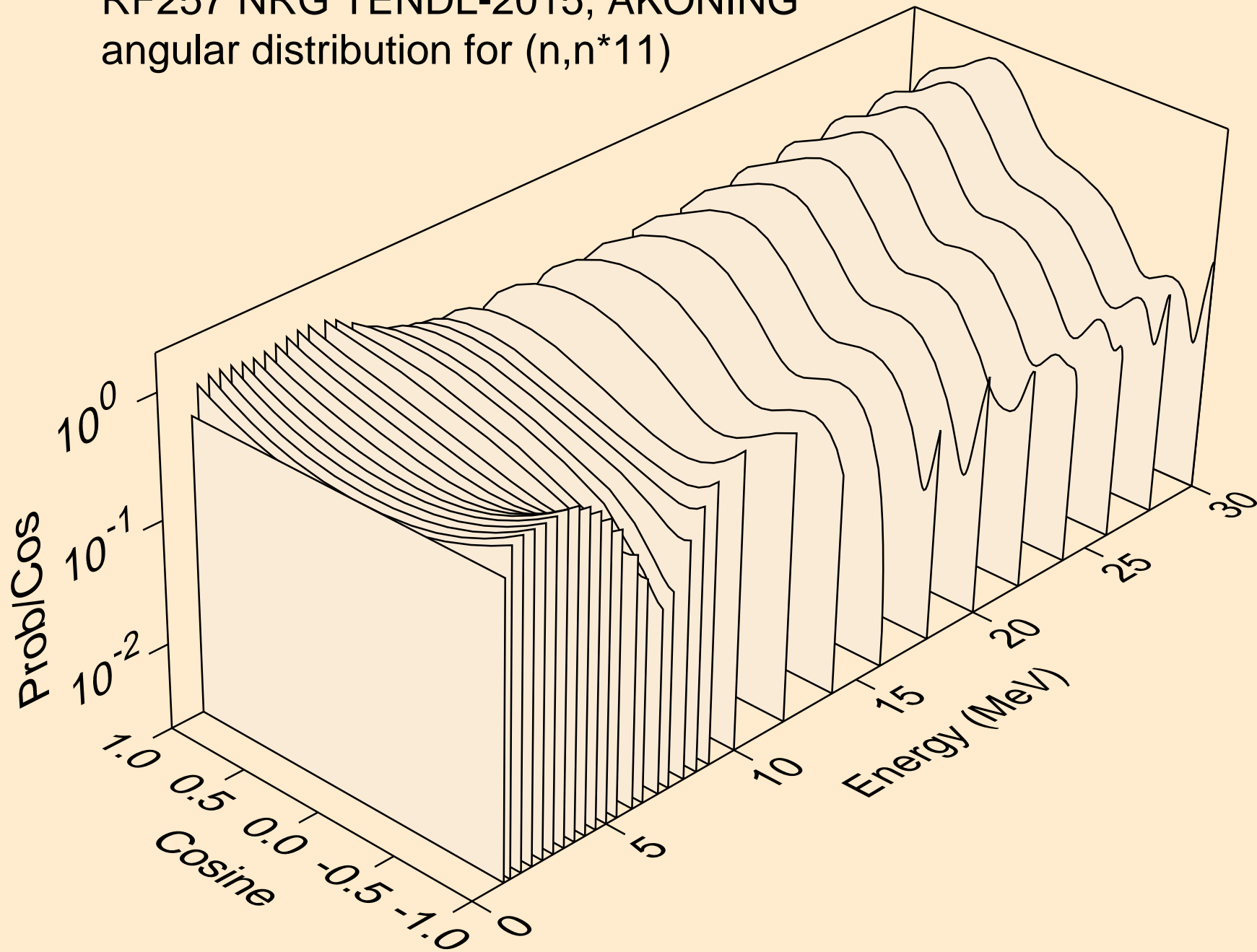
RF257 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



RF257 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)

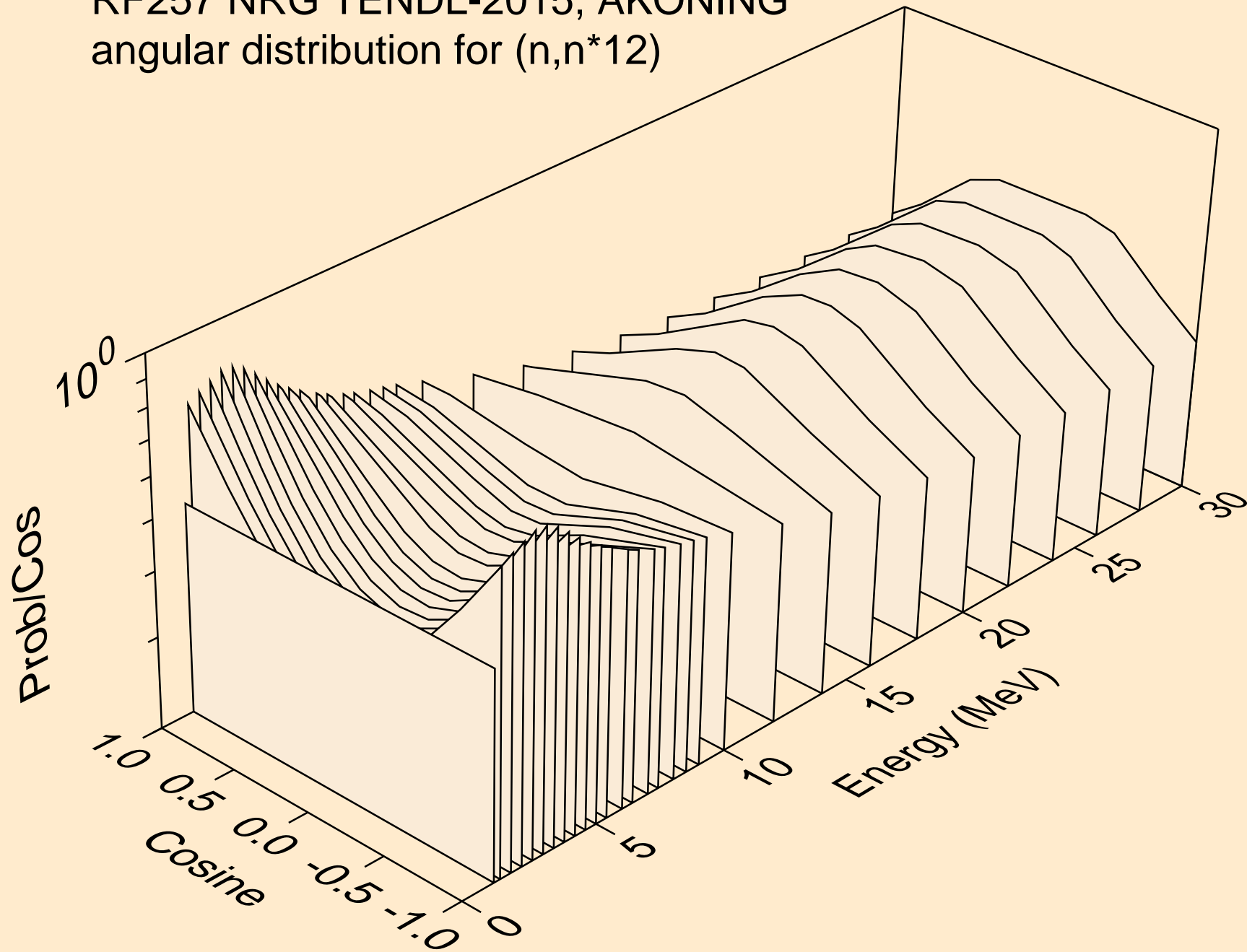


RF257 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)

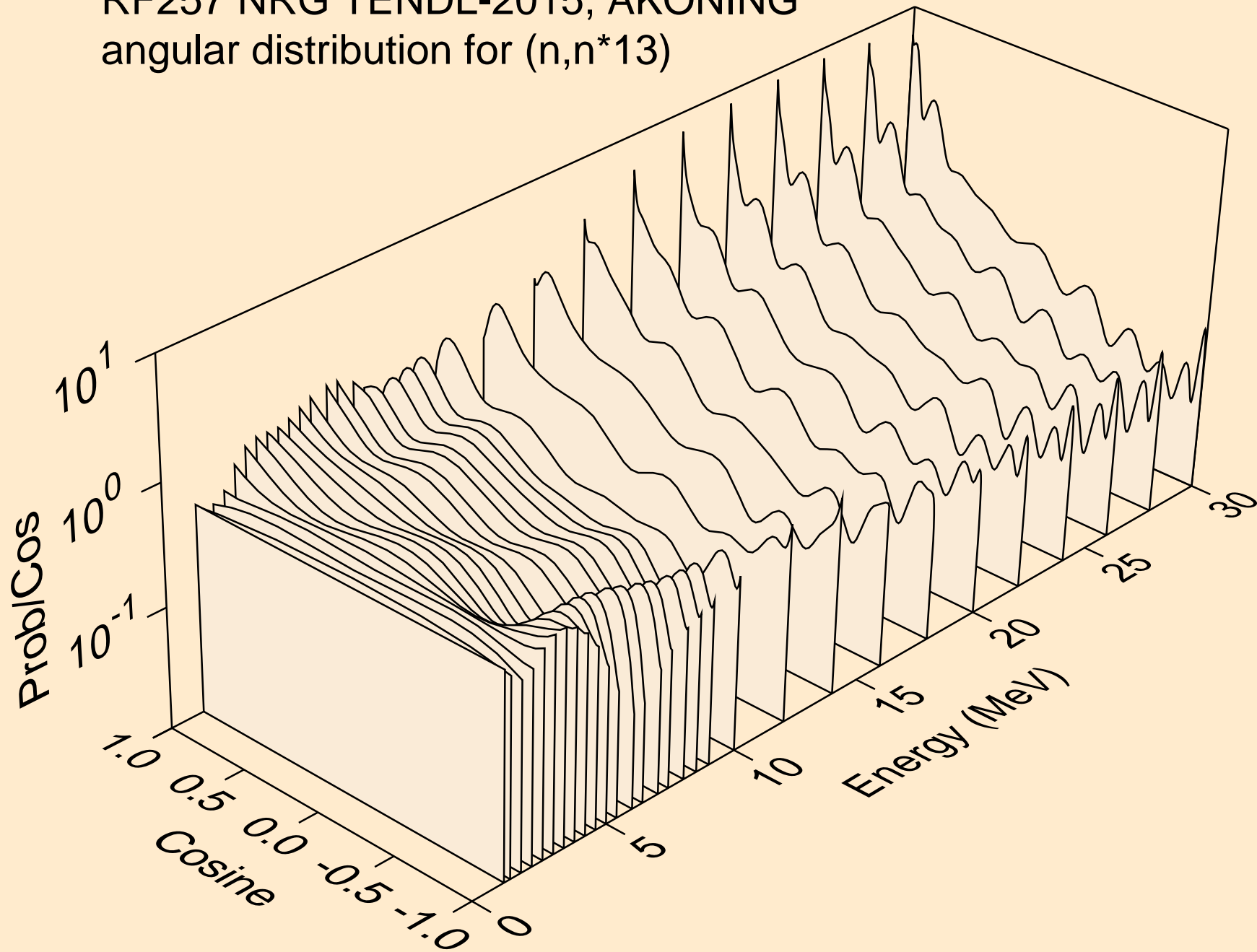




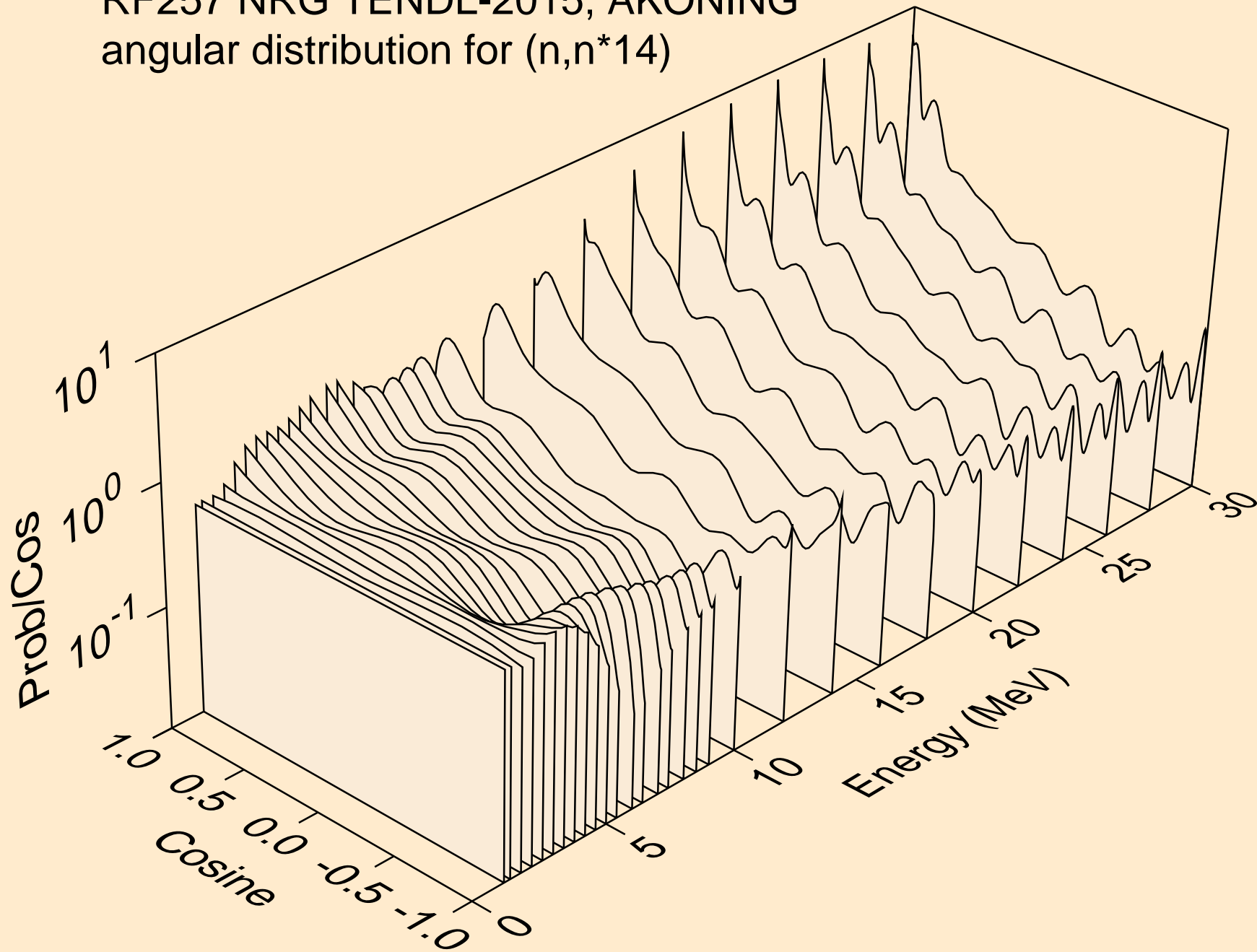
RF257 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



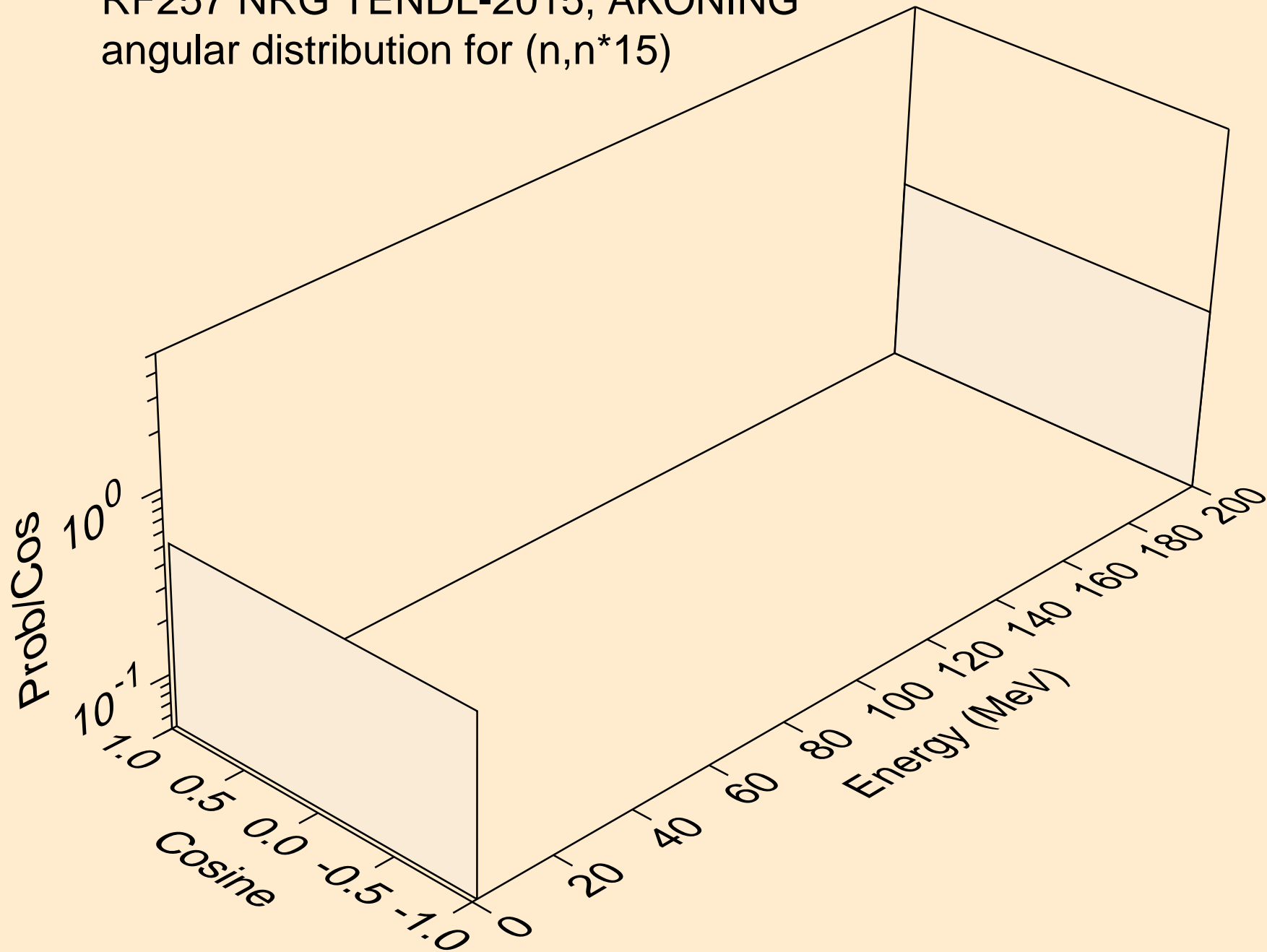
RF257 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



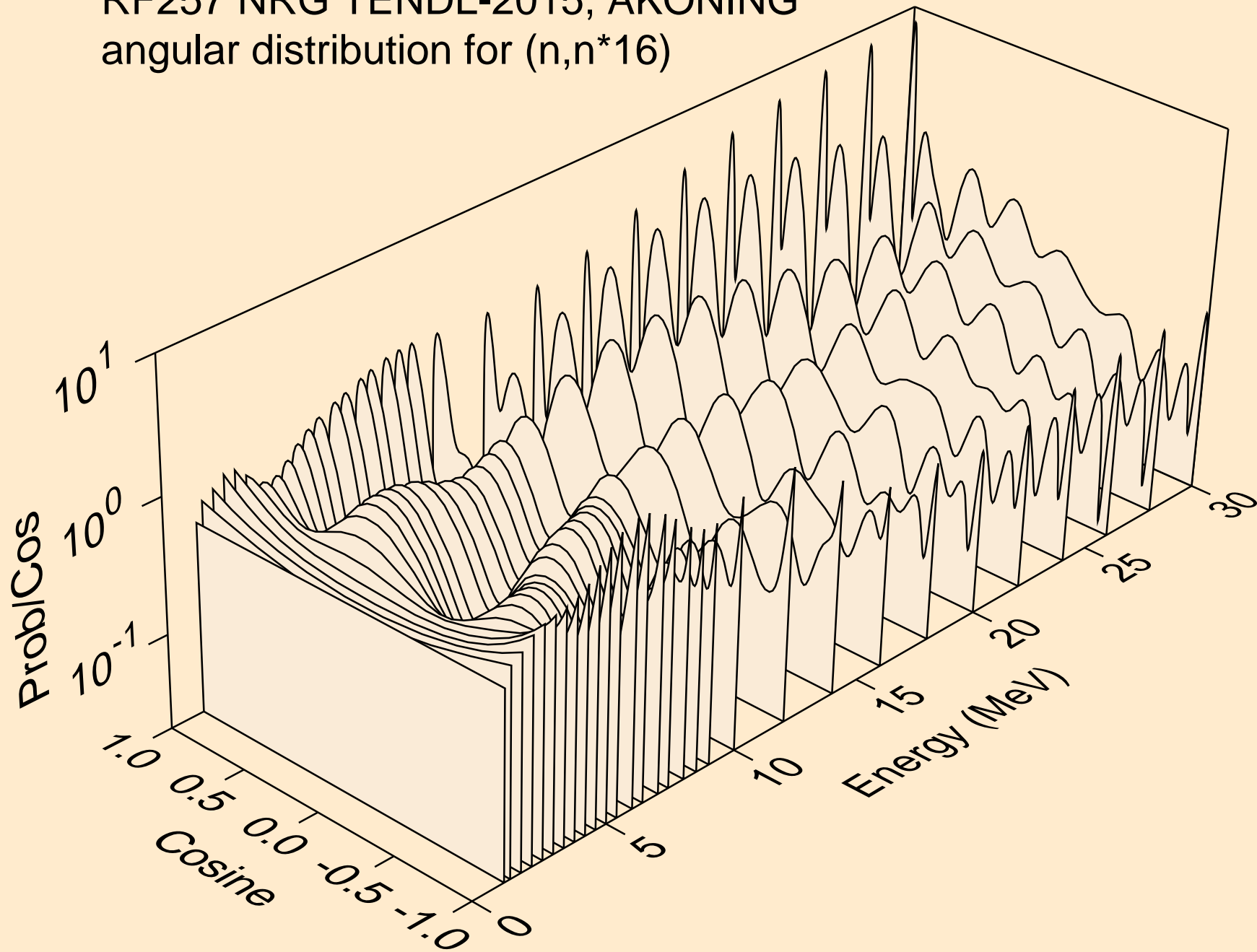
RF257 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



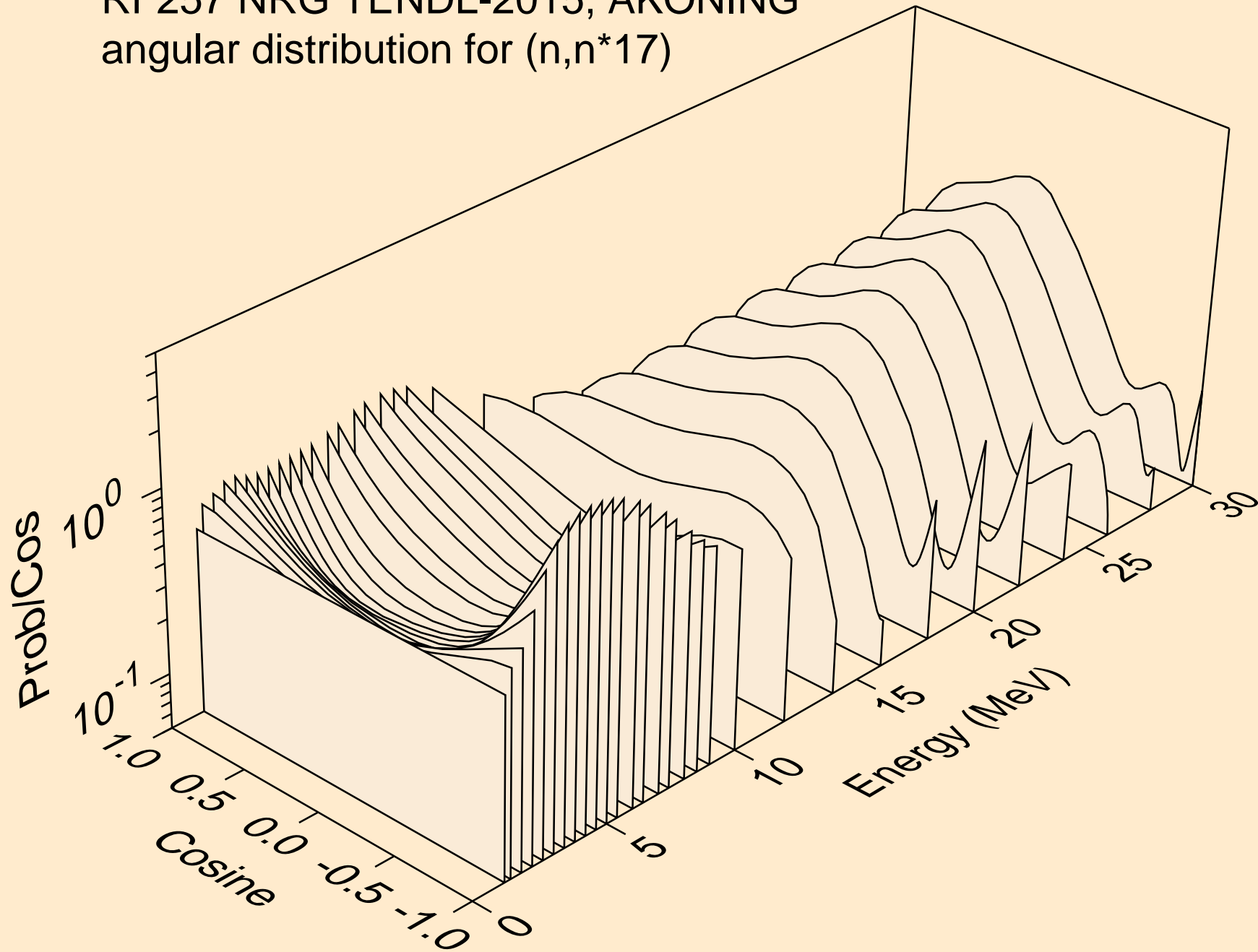
RF257 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



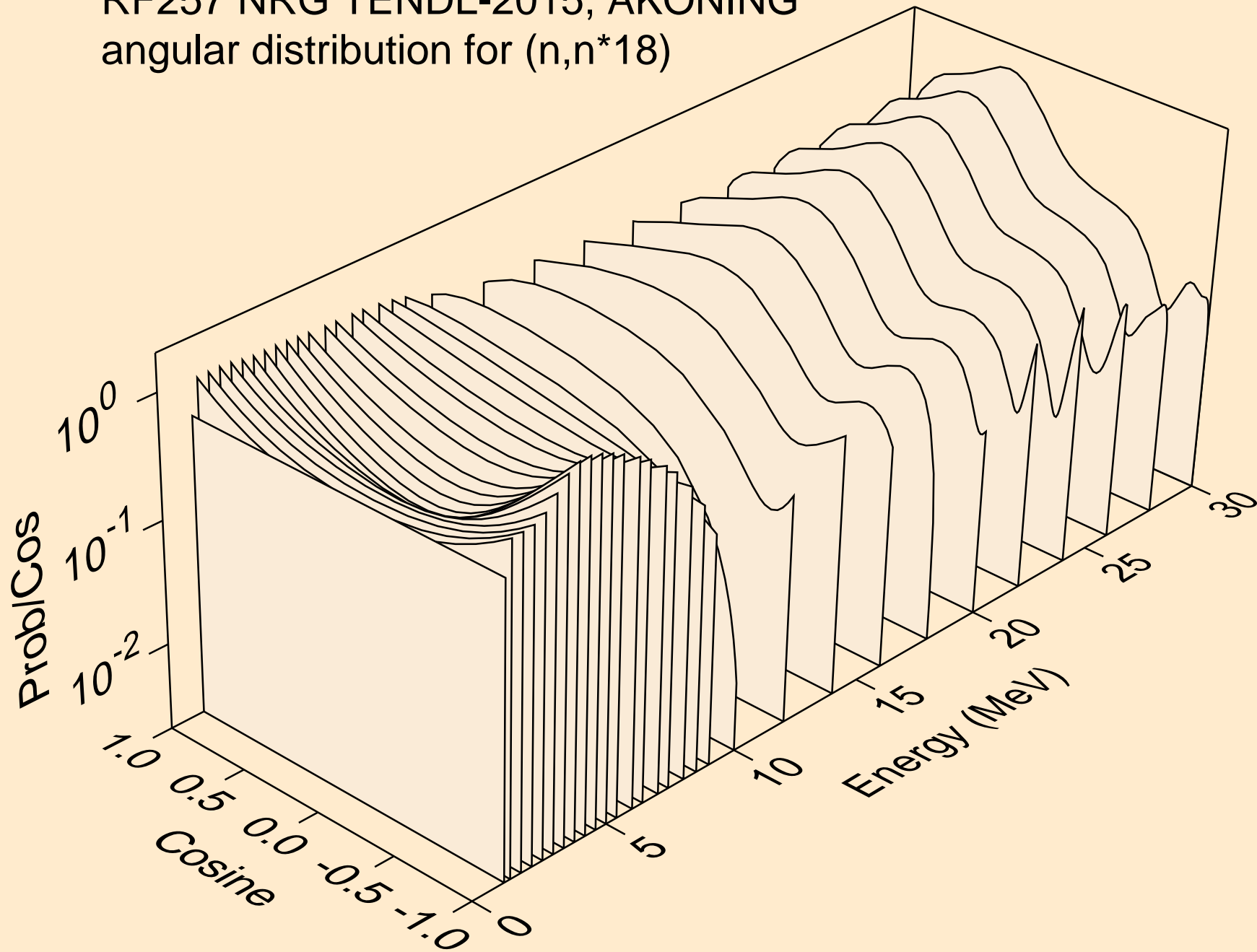
RF257 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



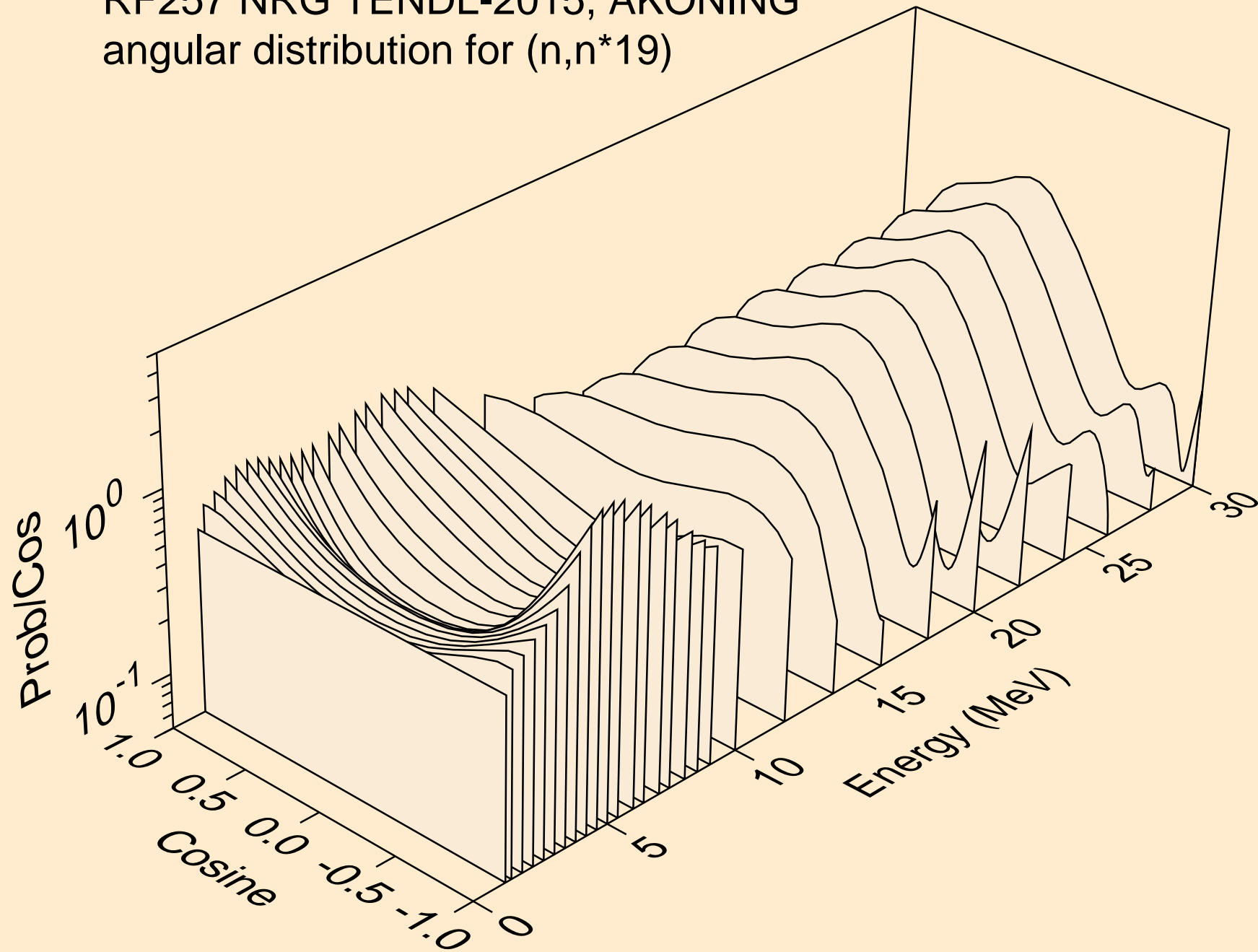
RF257 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



RF257 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)

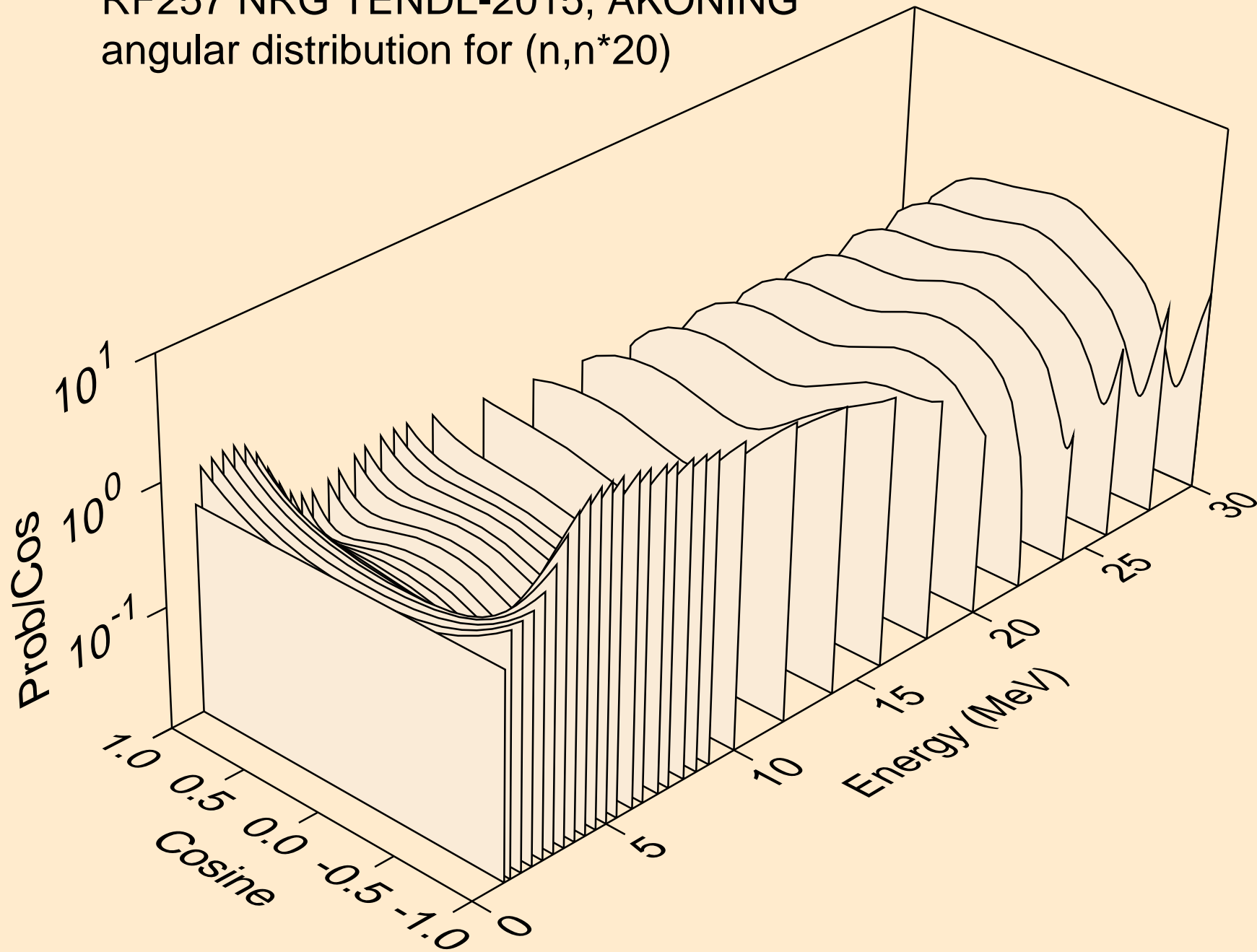


RF257 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)

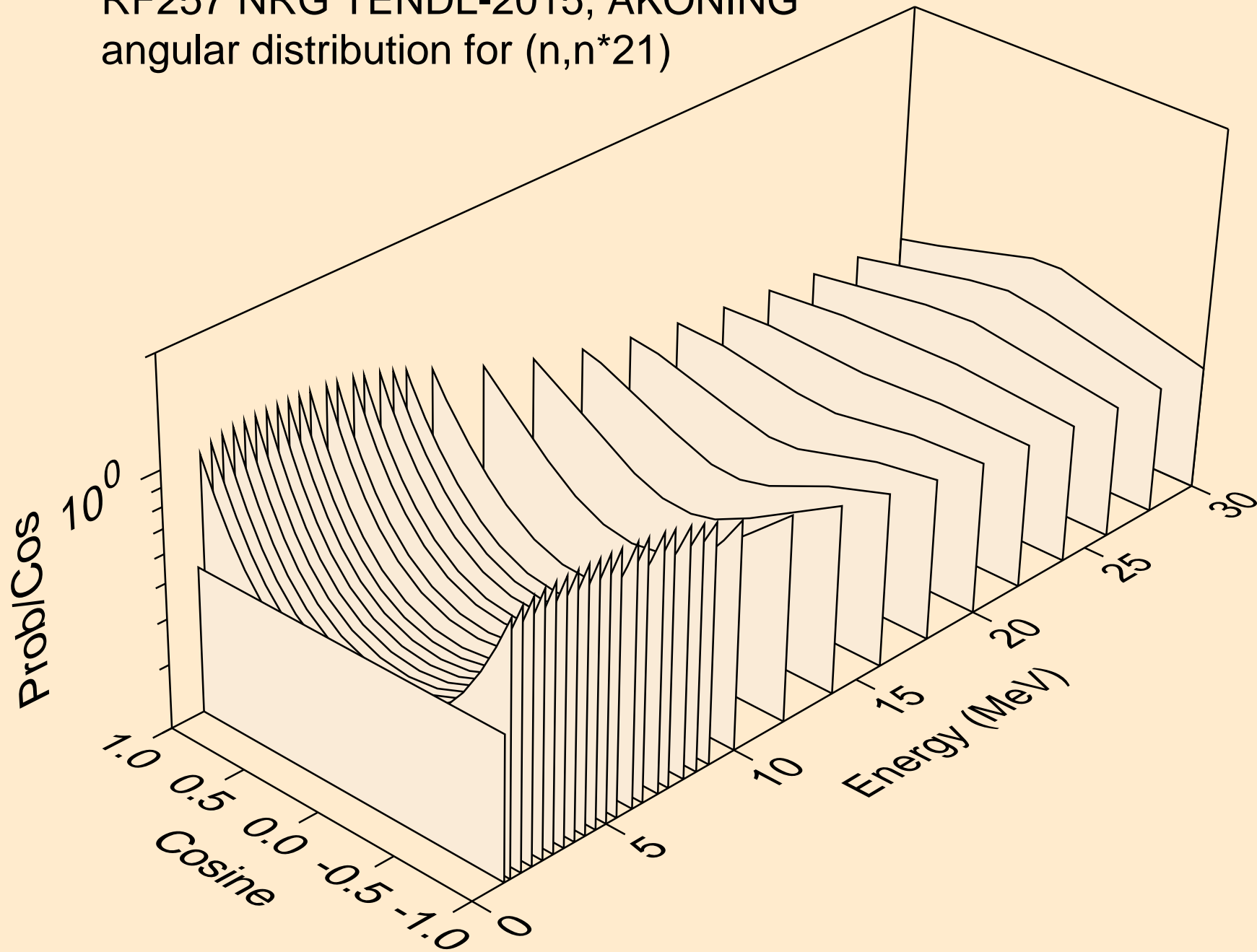




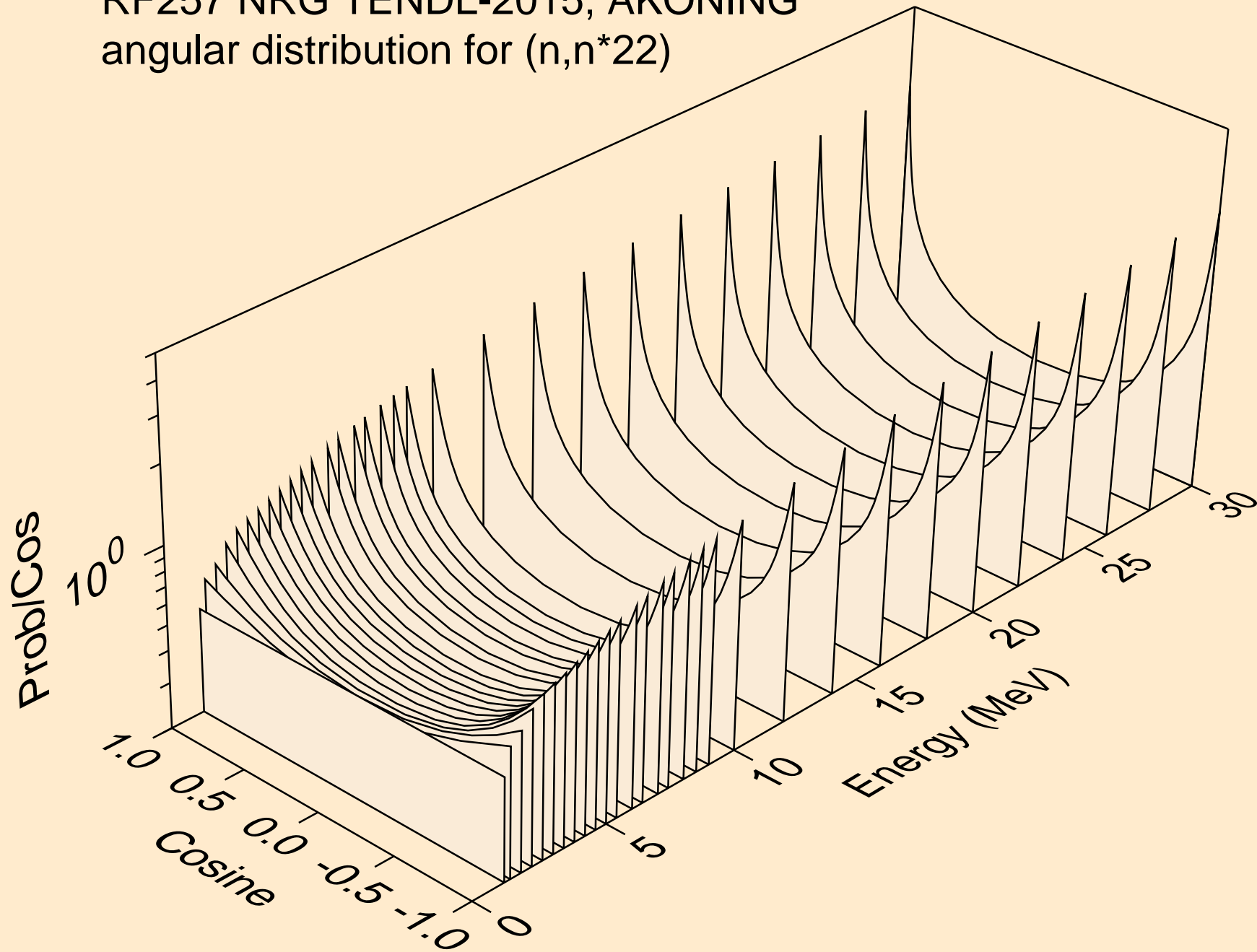
RF257 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



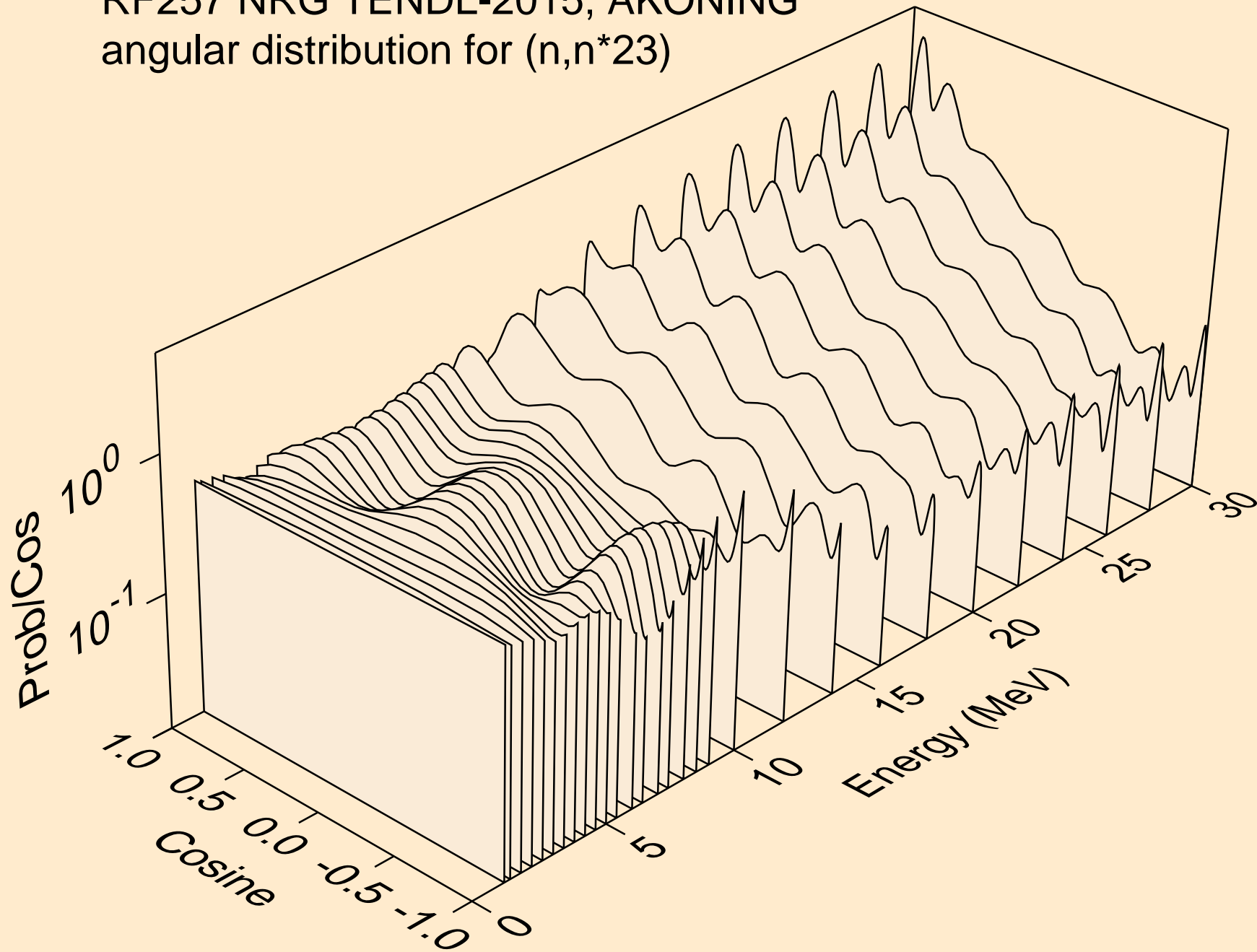
RF257 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



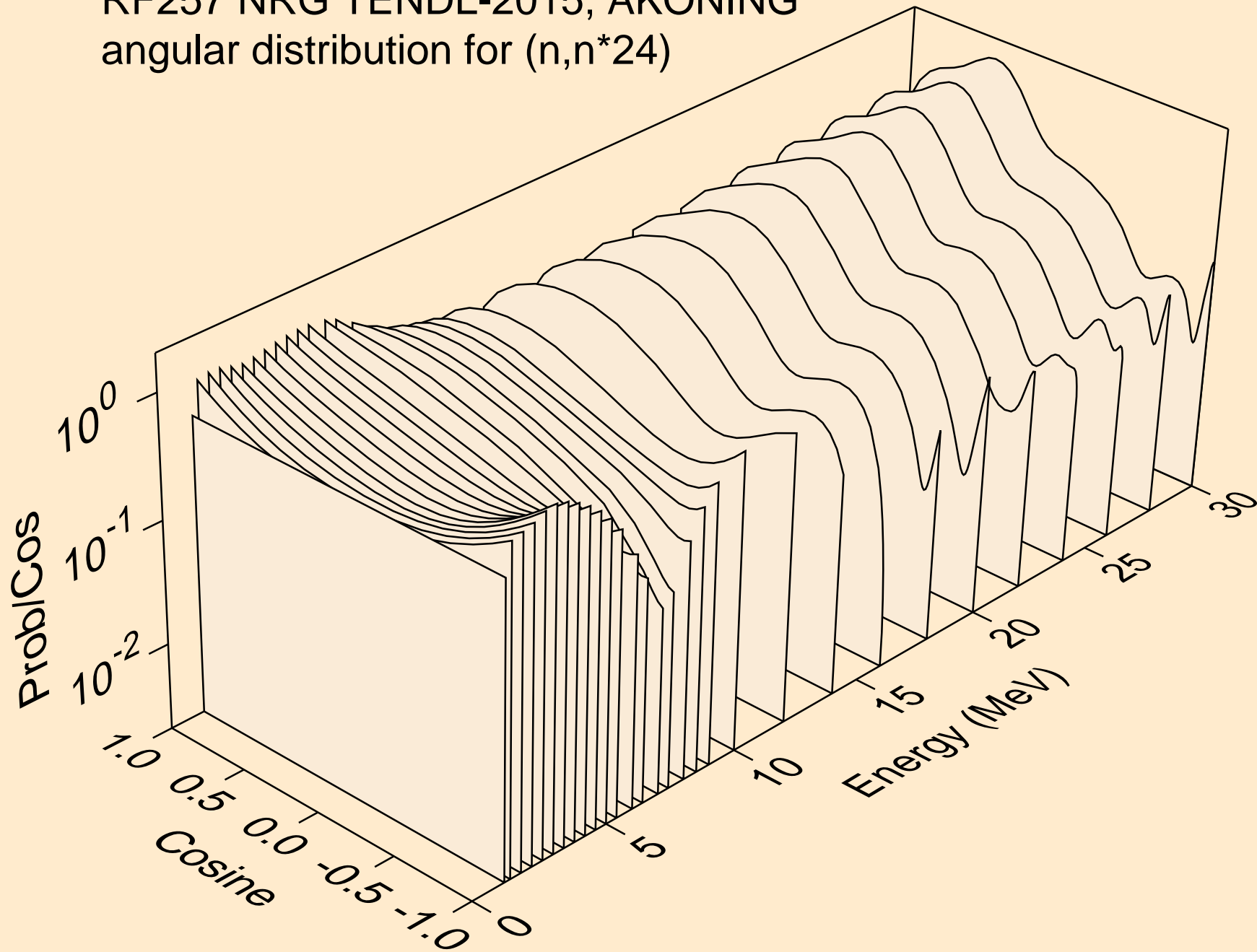
RF257 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



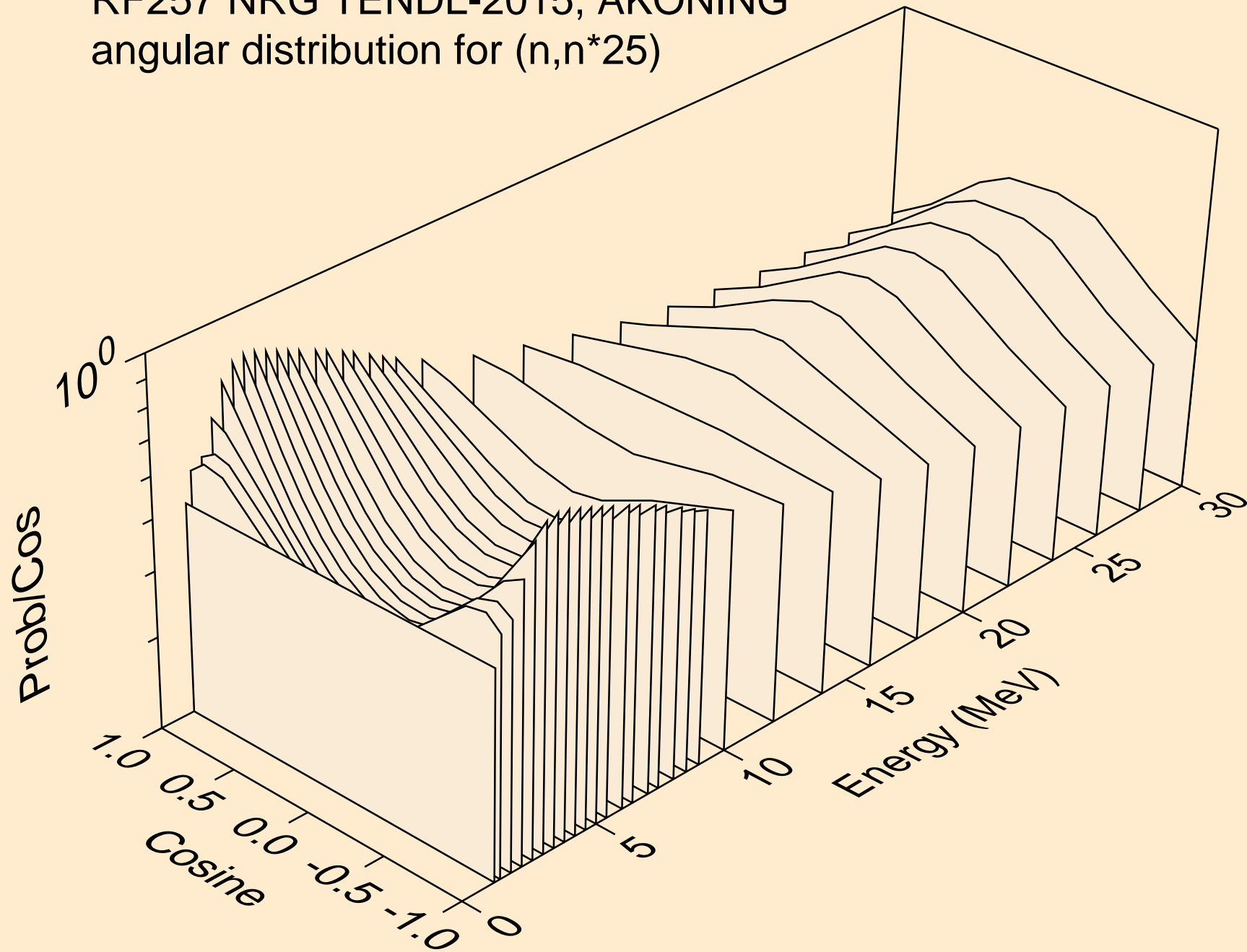
RF257 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



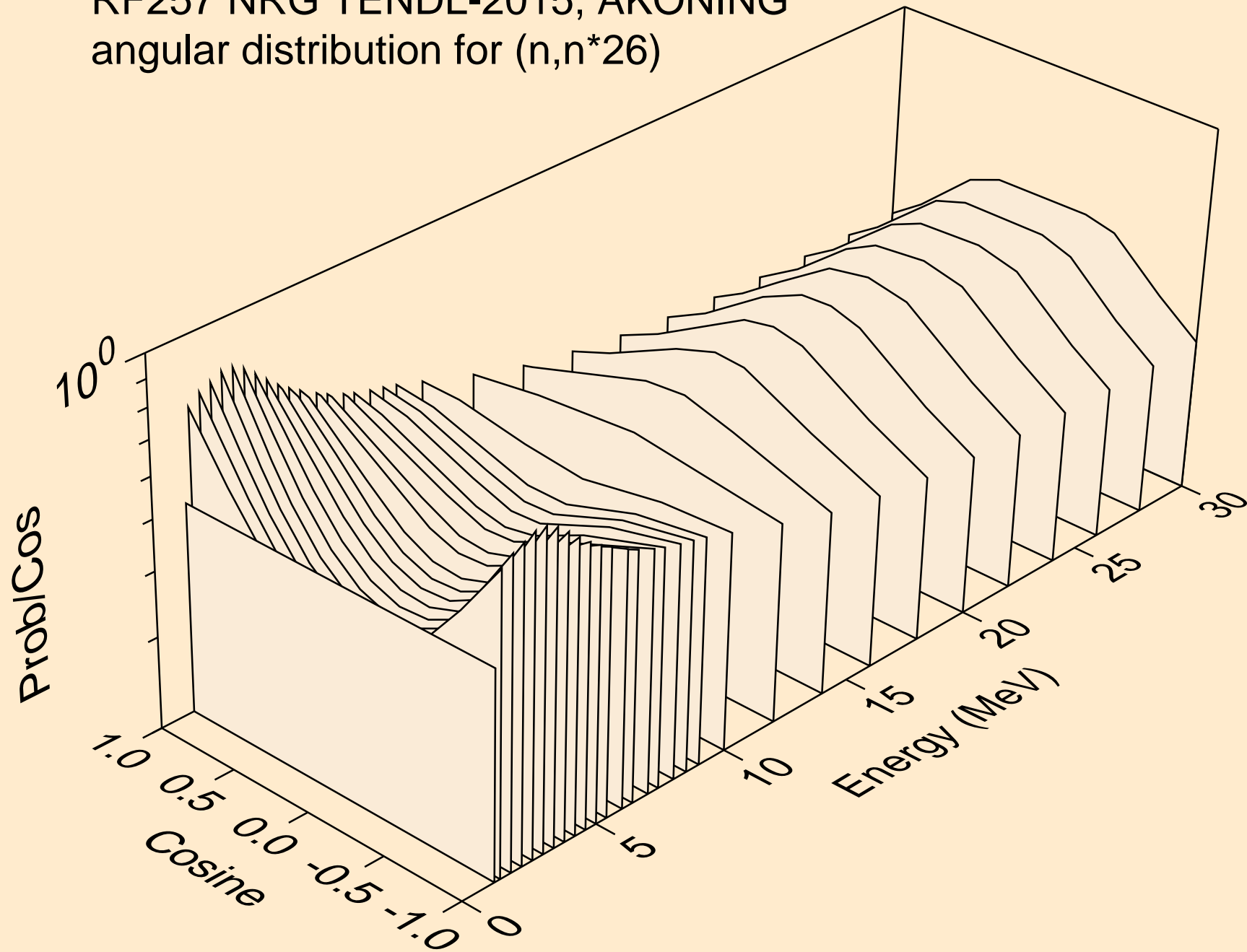
RF257 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



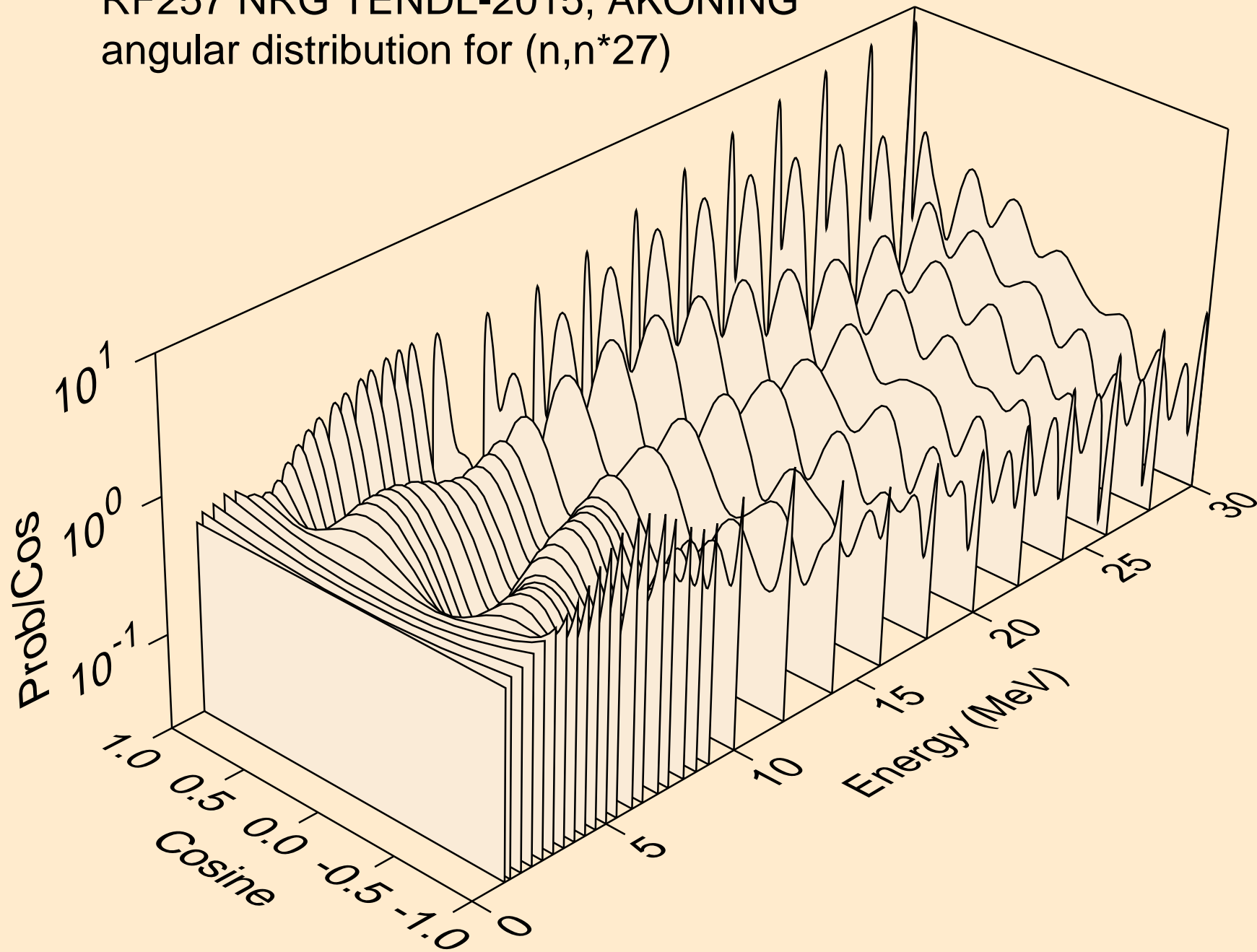
RF257 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



RF257 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



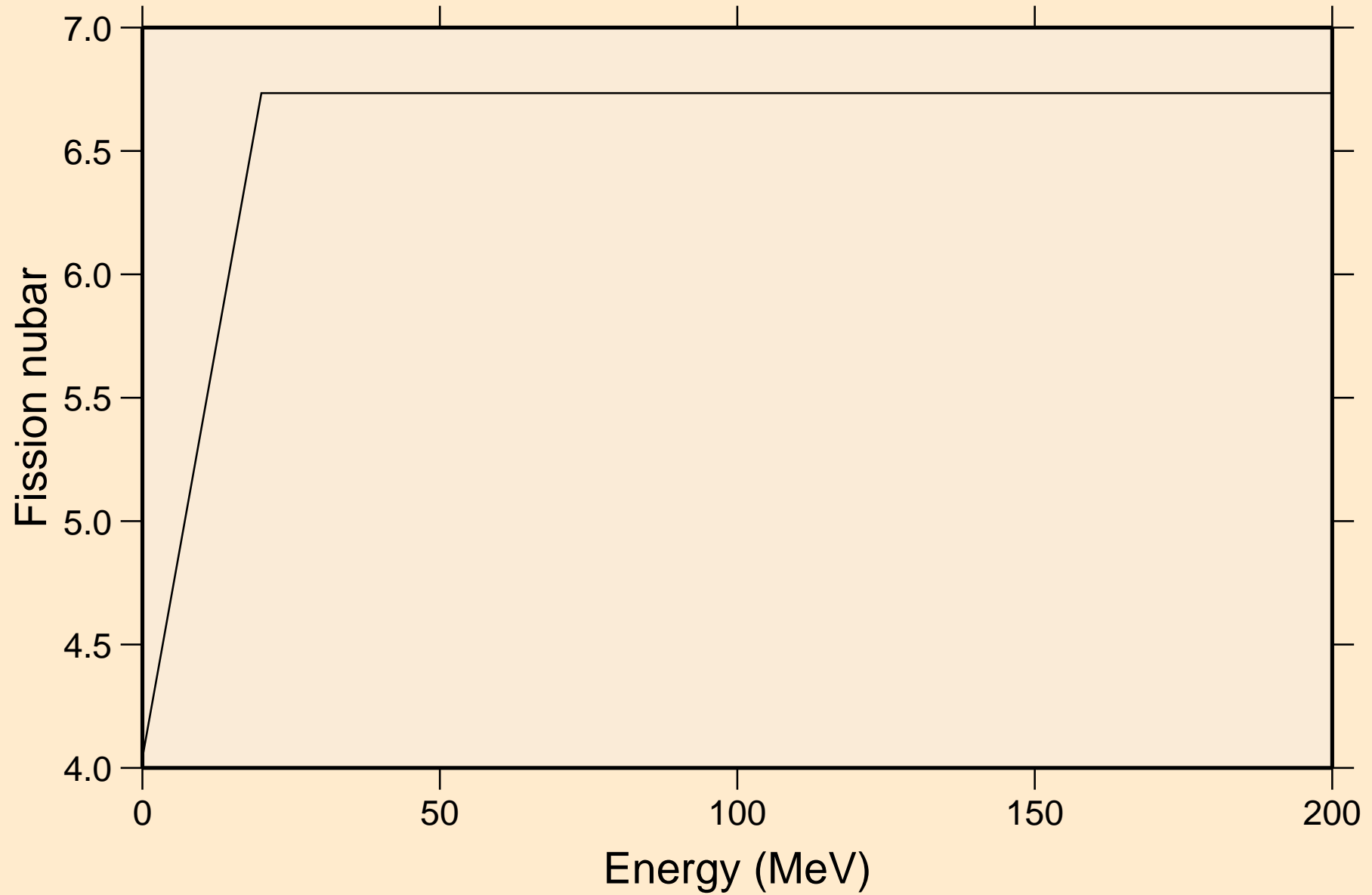
RF257 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



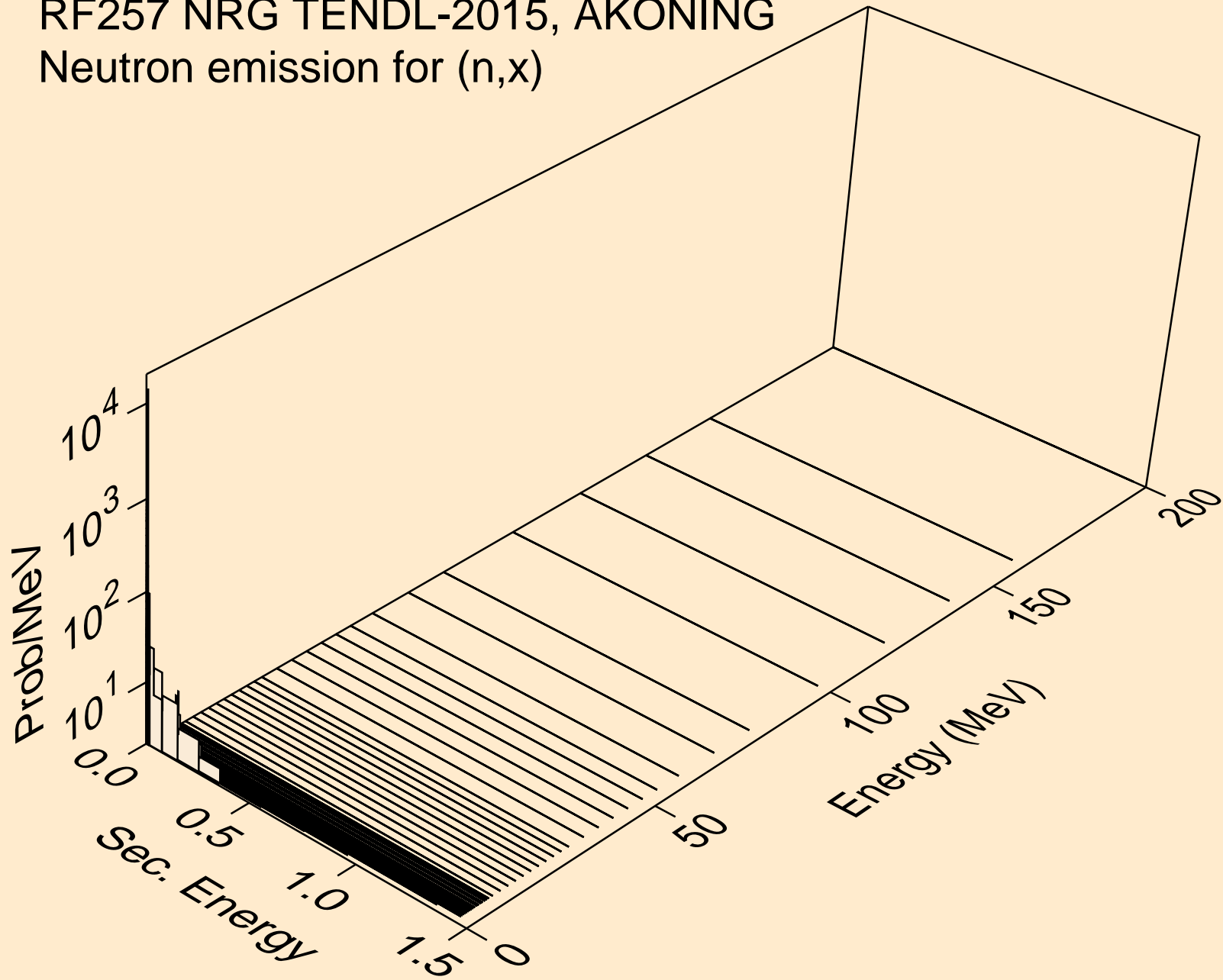


# RF257 NRG TENDL-2015, AKONING

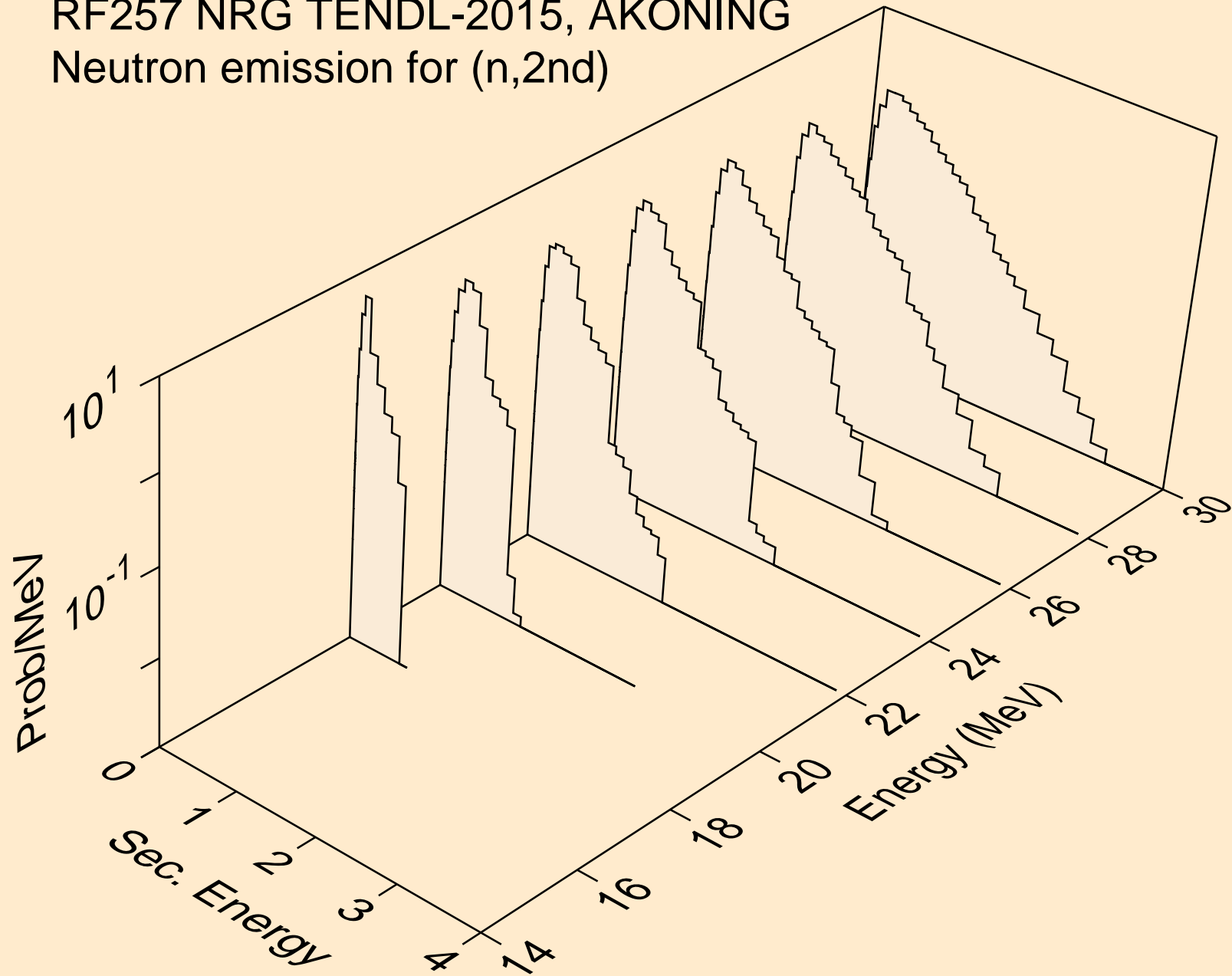
Total fission nubar



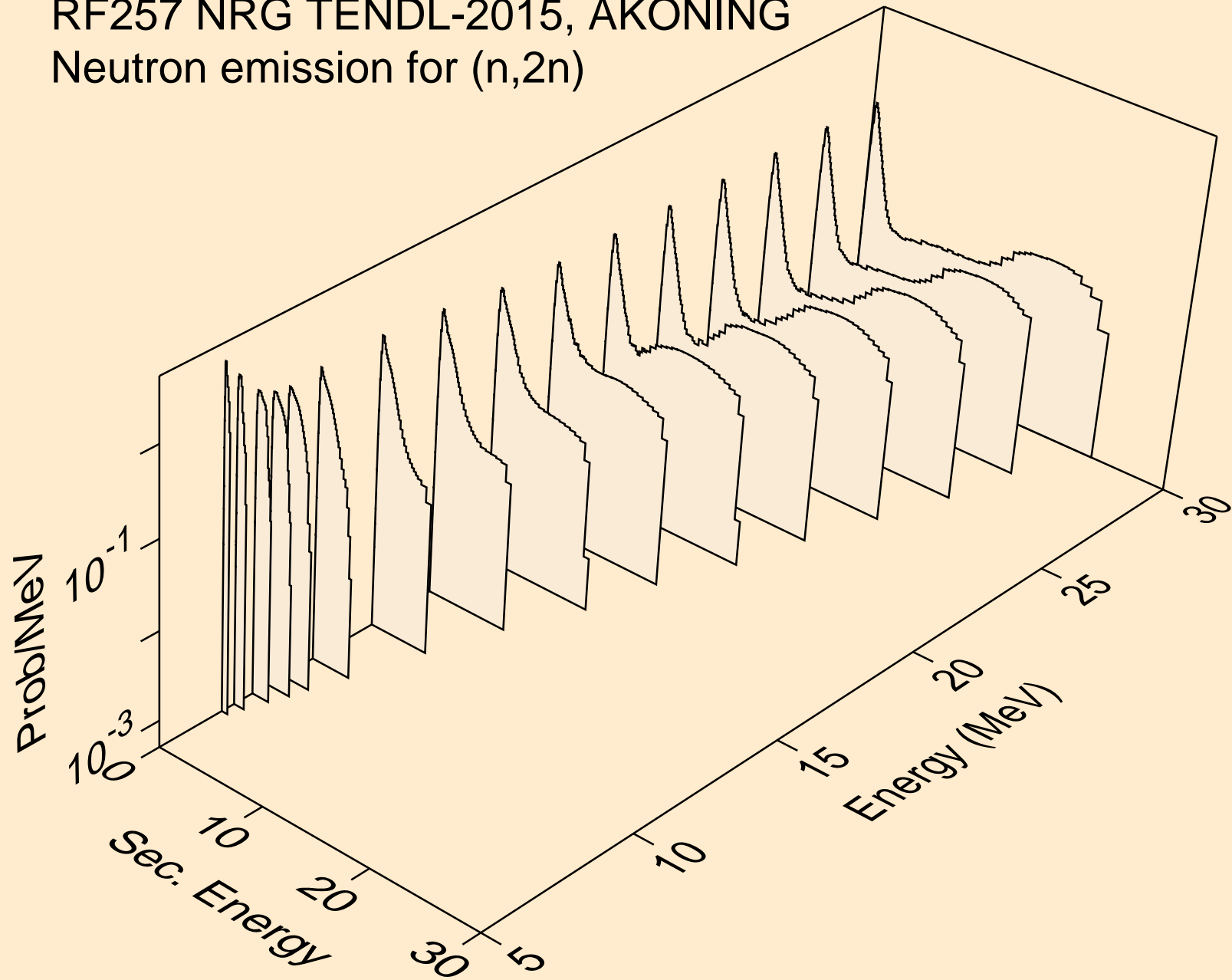
RF257 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



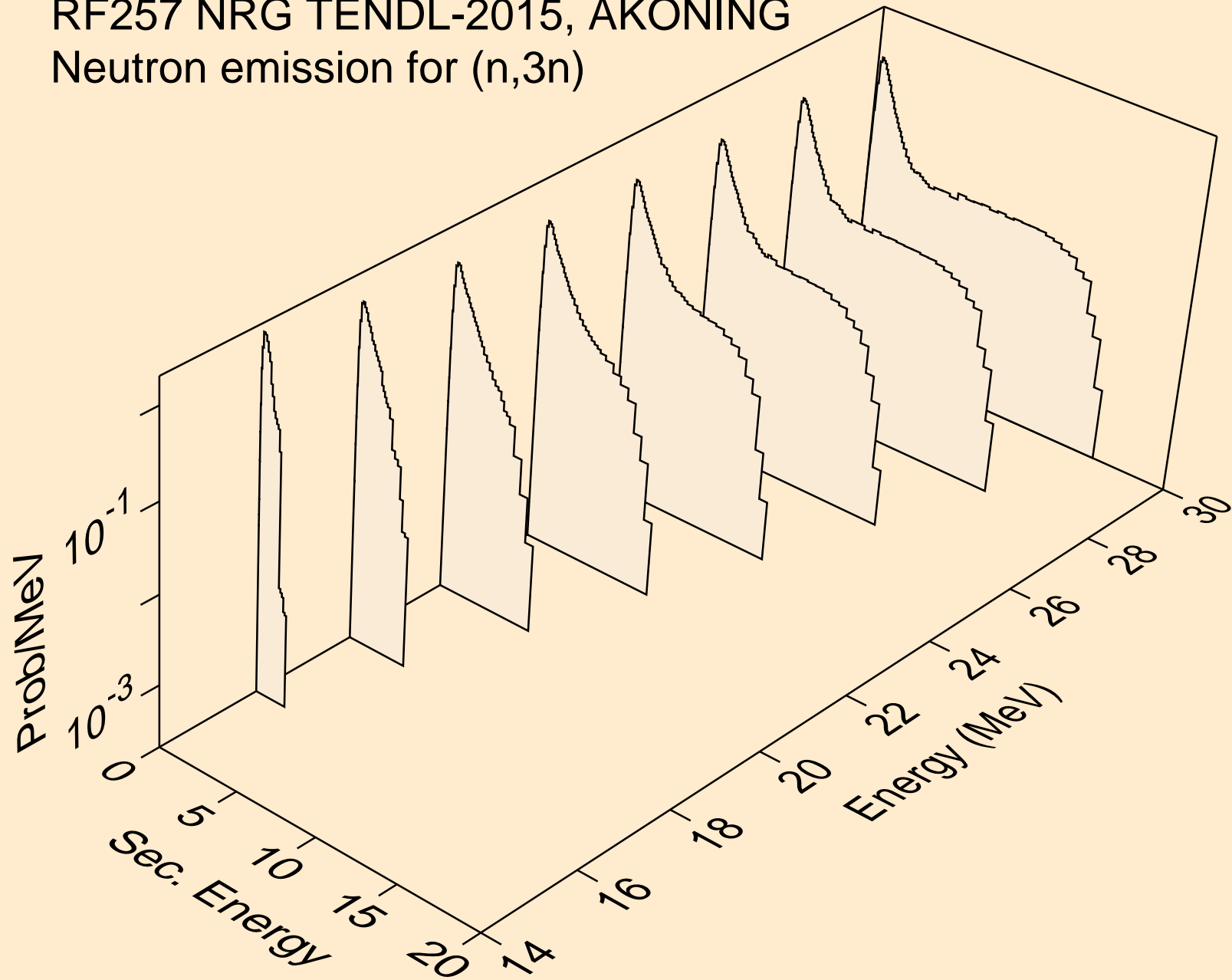
RF257 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



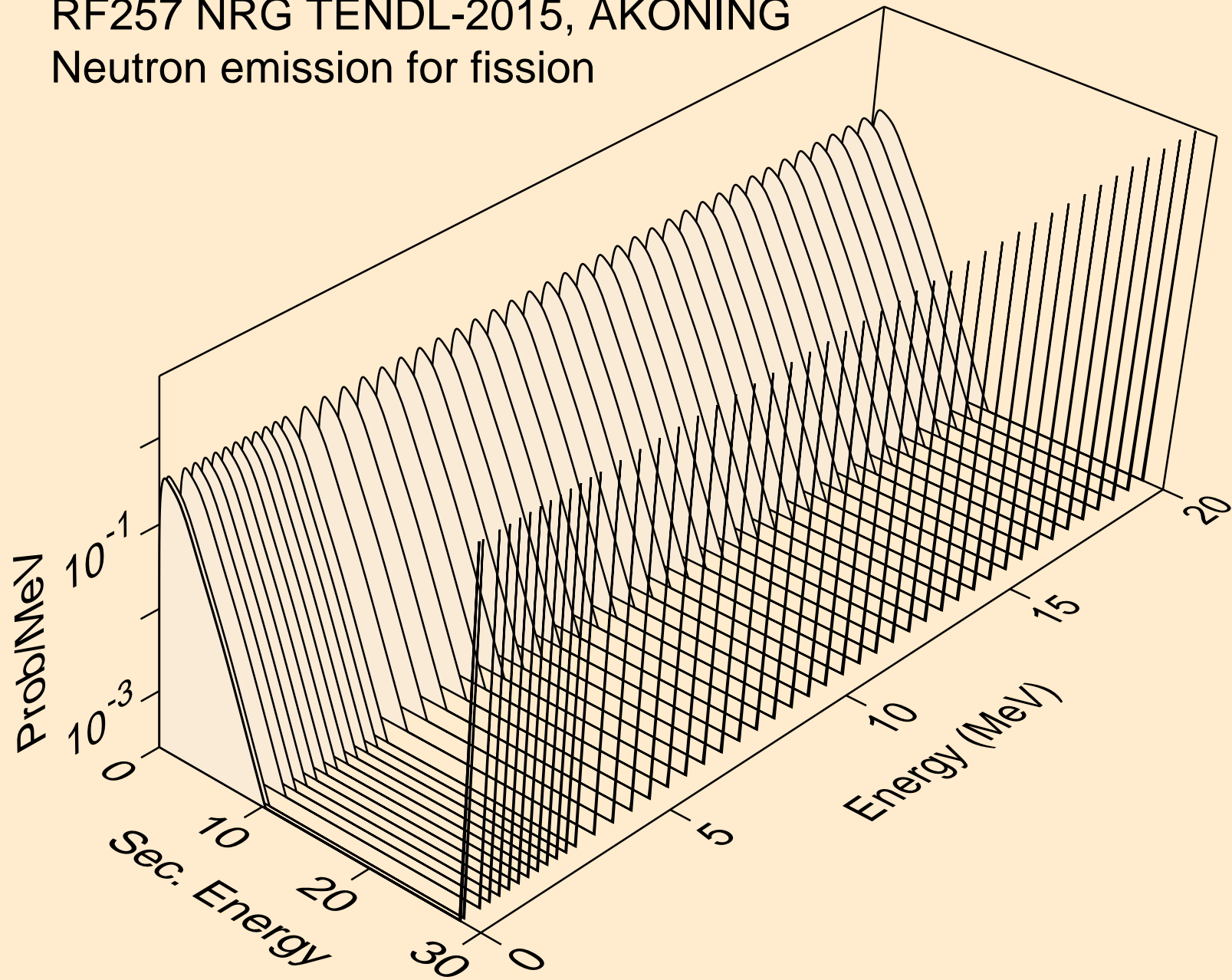
RF257 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



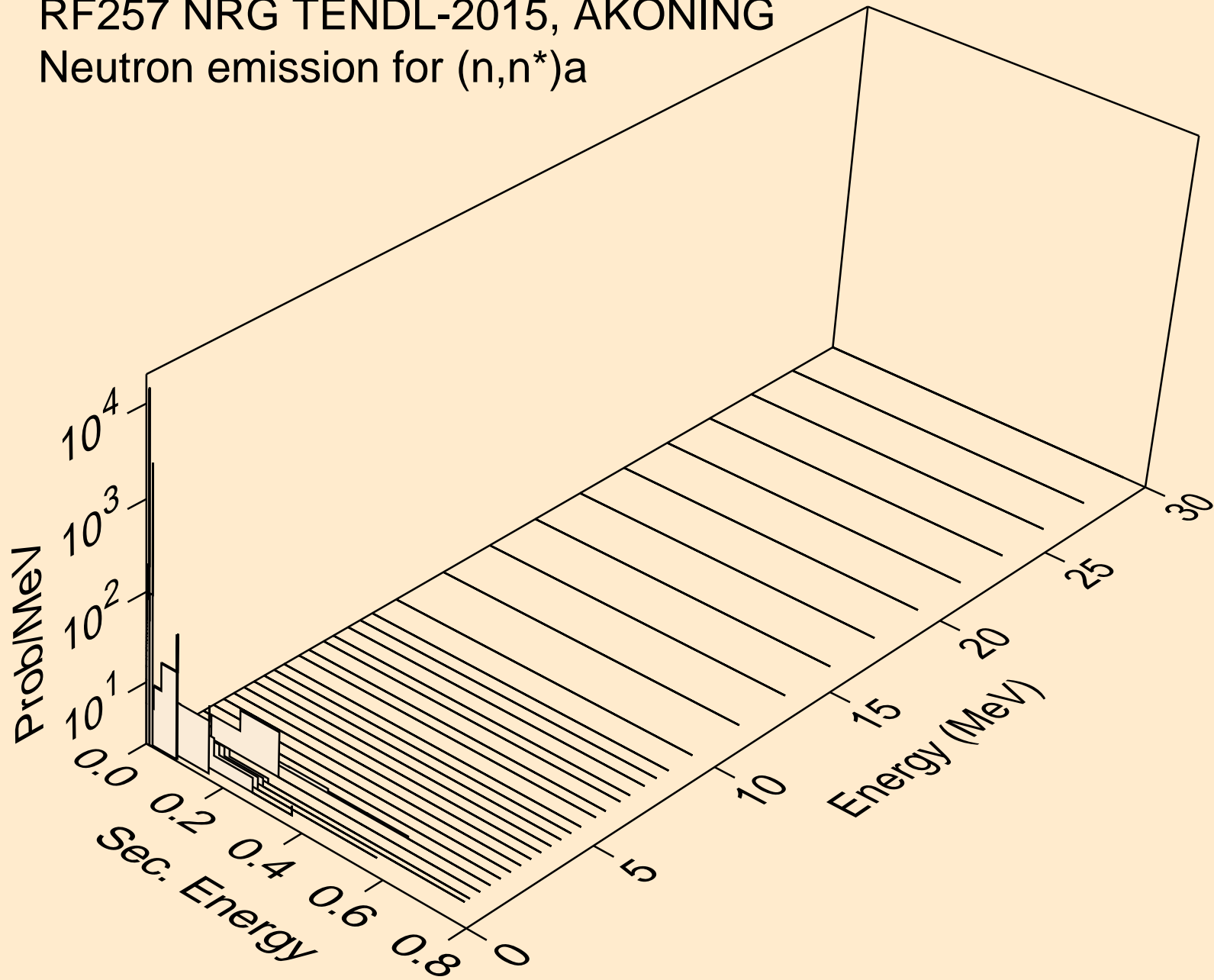
RF257 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



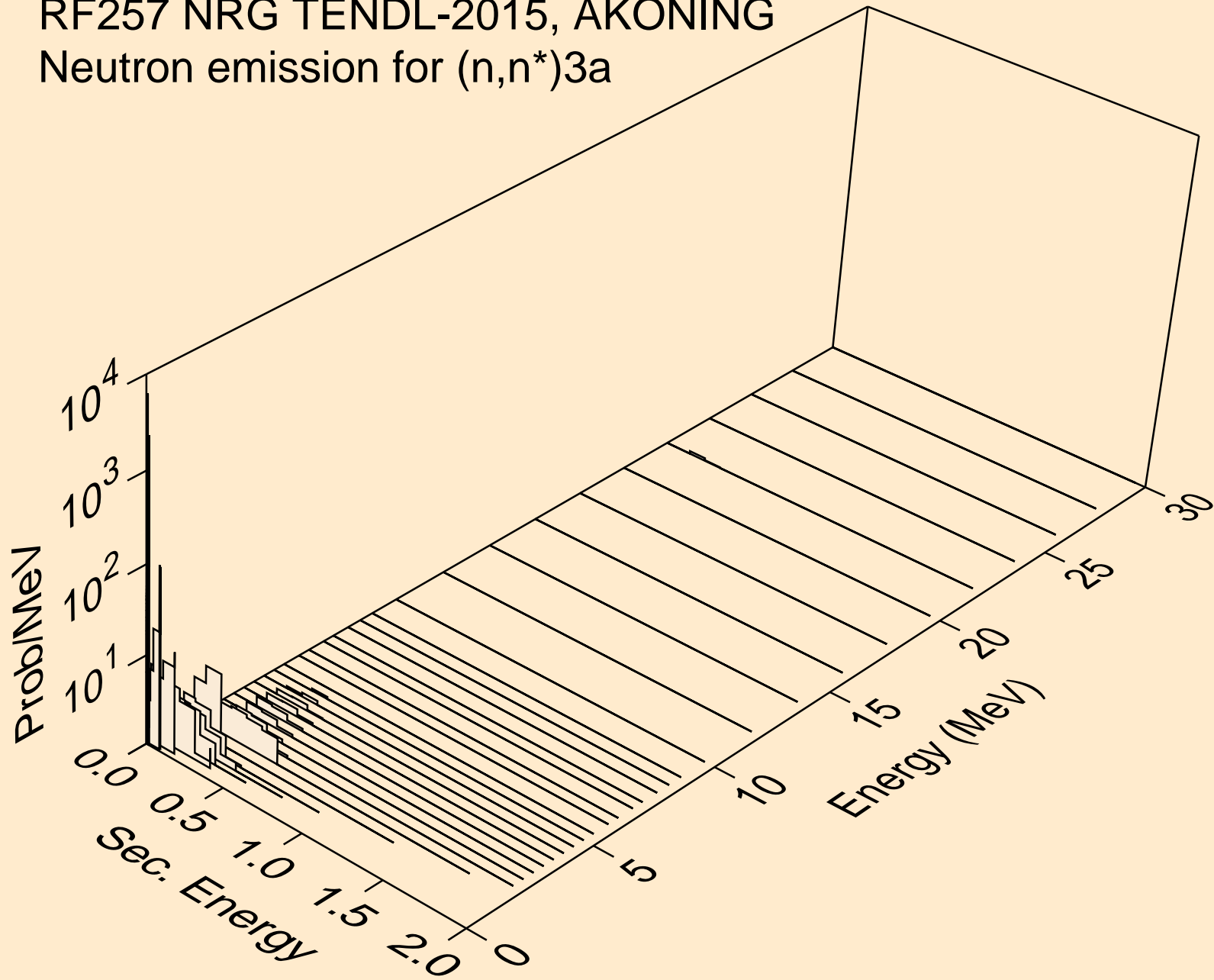
RF257 NRG TENDL-2015, AKONING  
Neutron emission for fission



RF257 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a

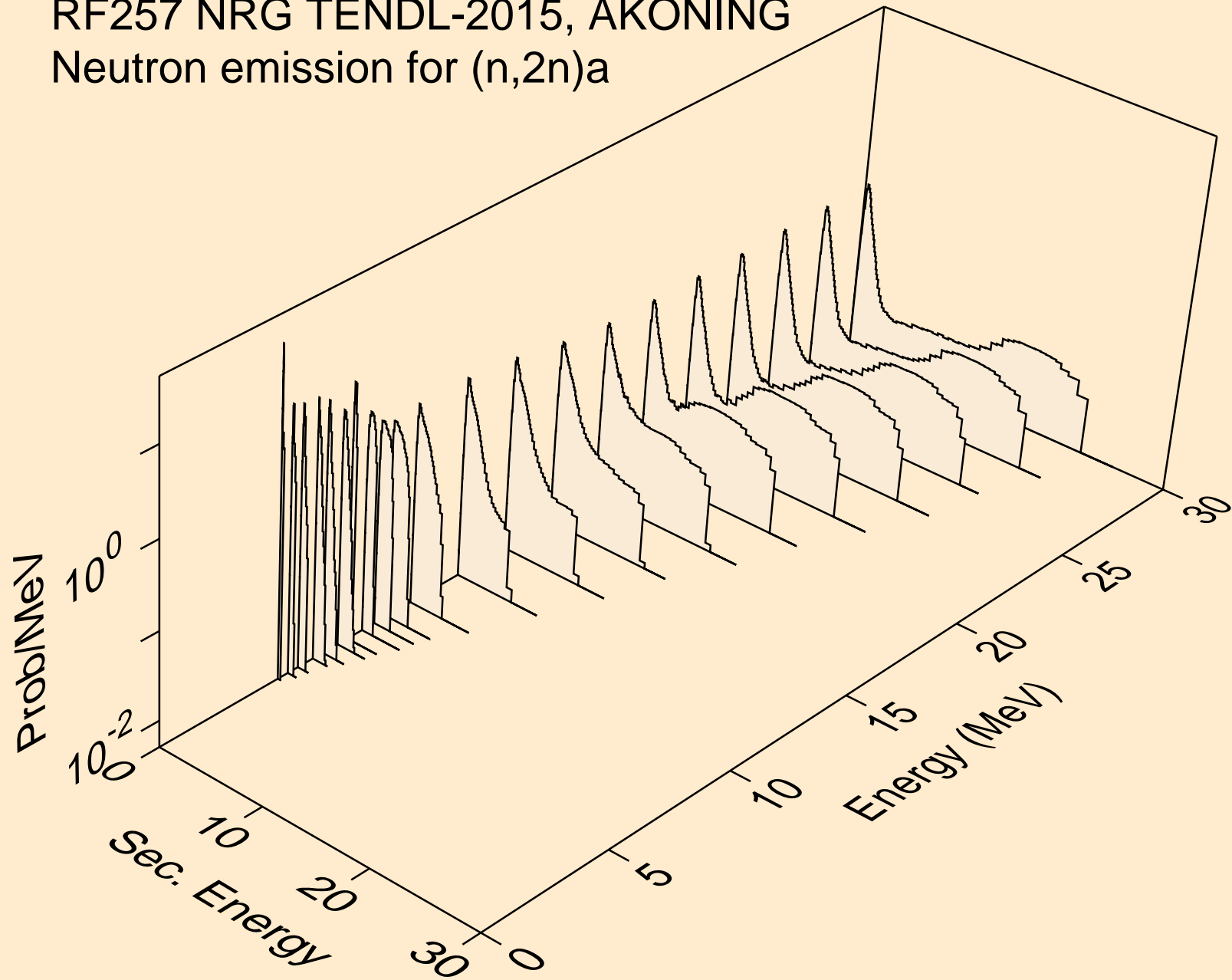


RF257 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a

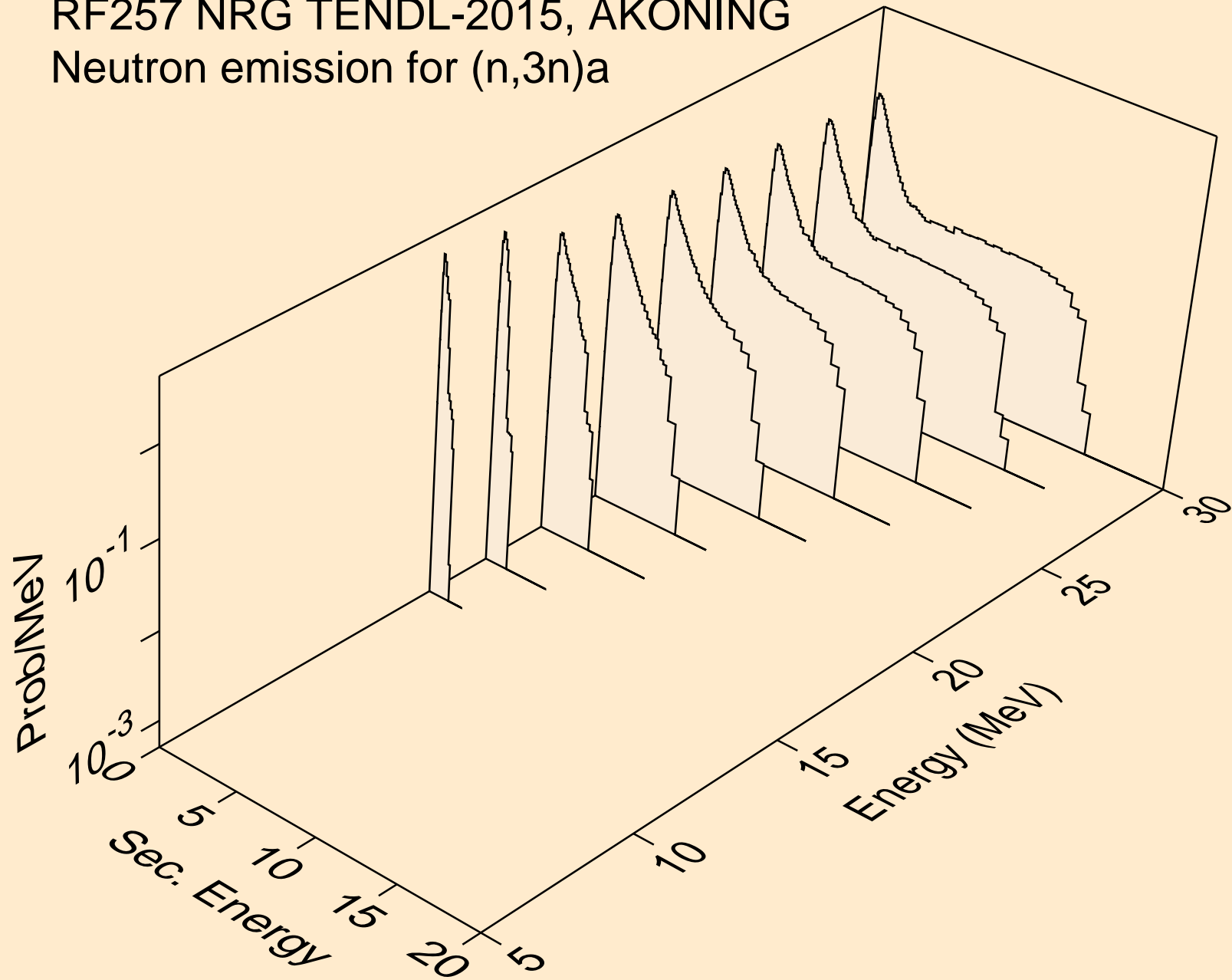




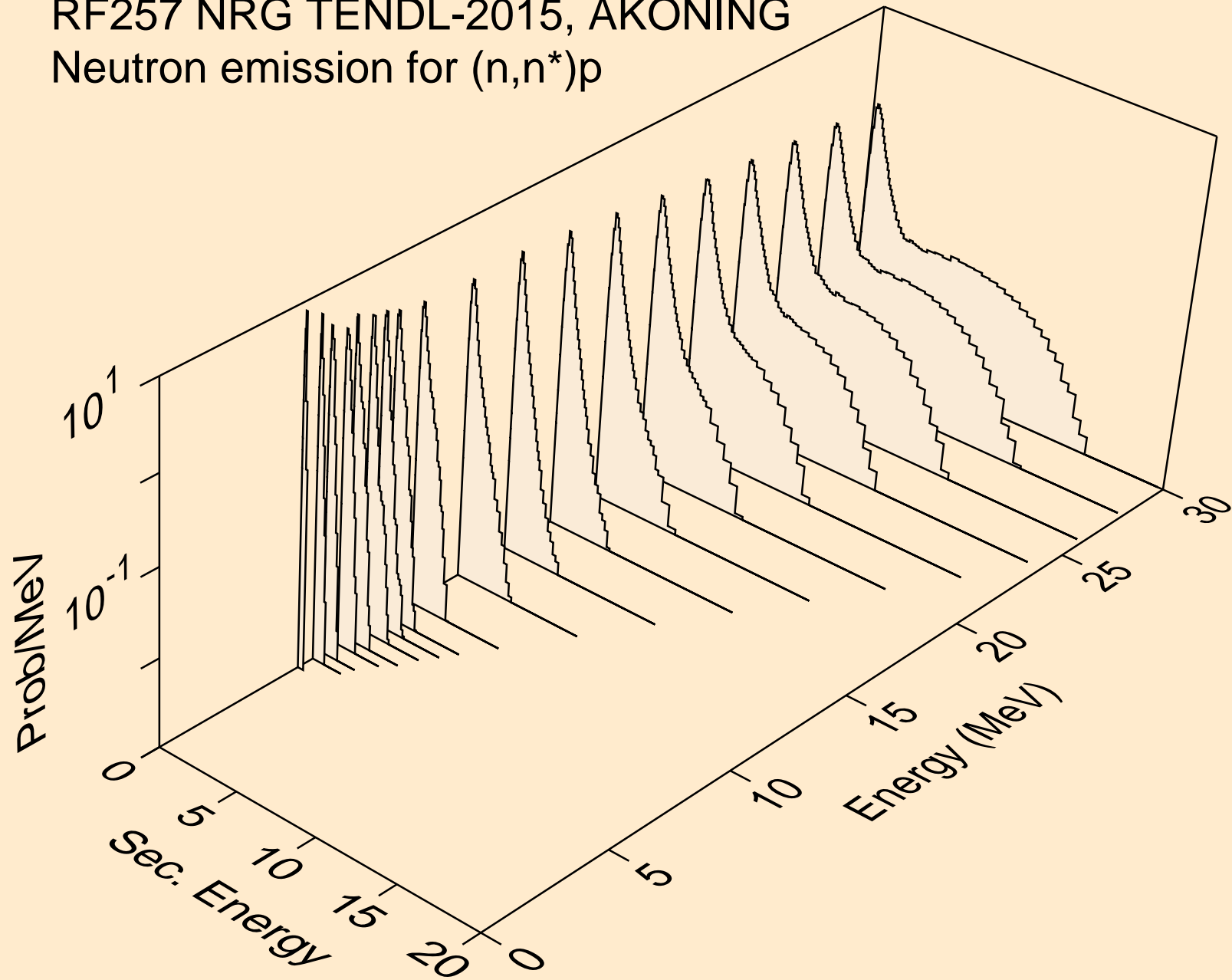
RF257 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



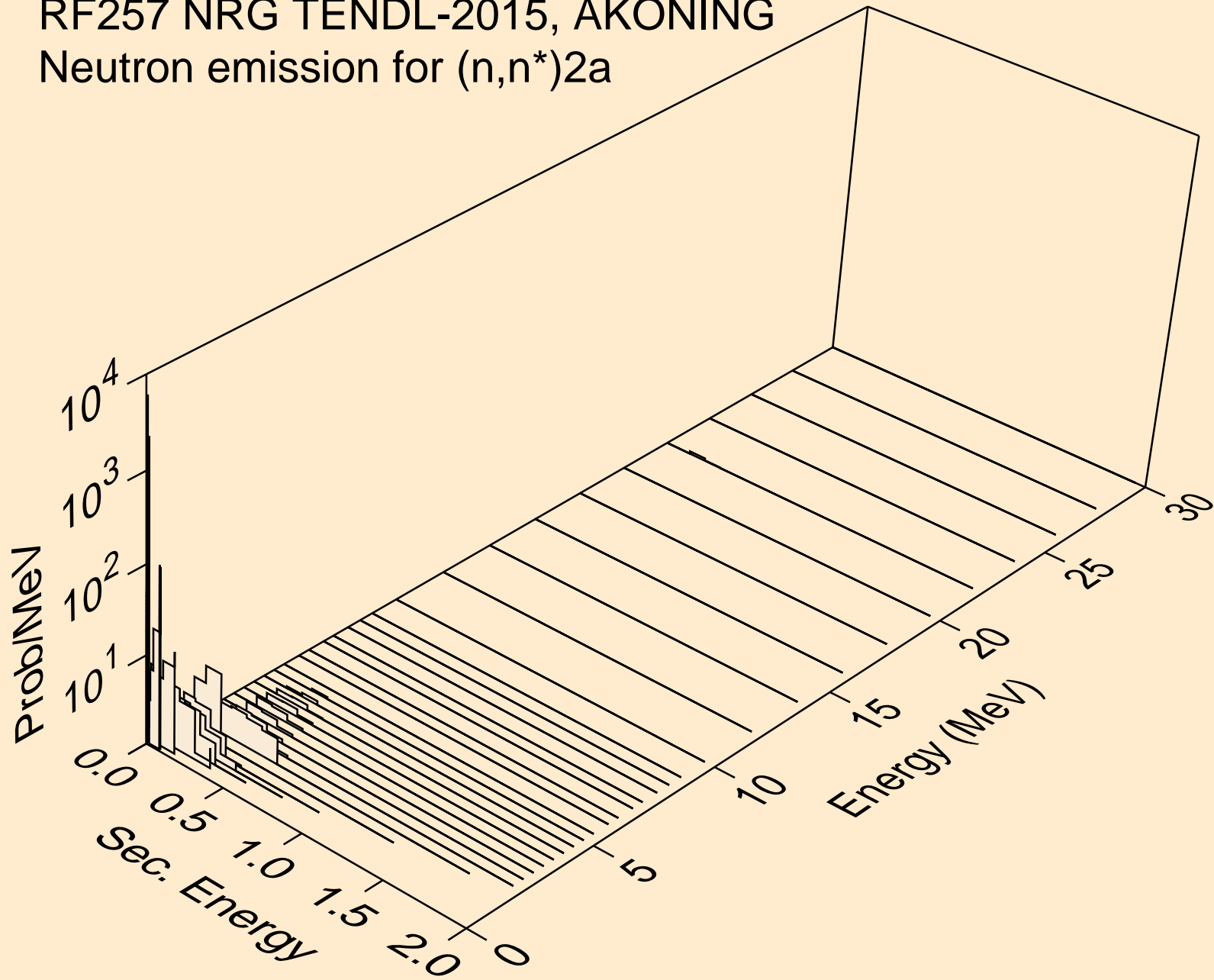
RF257 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)<sub>a</sub>



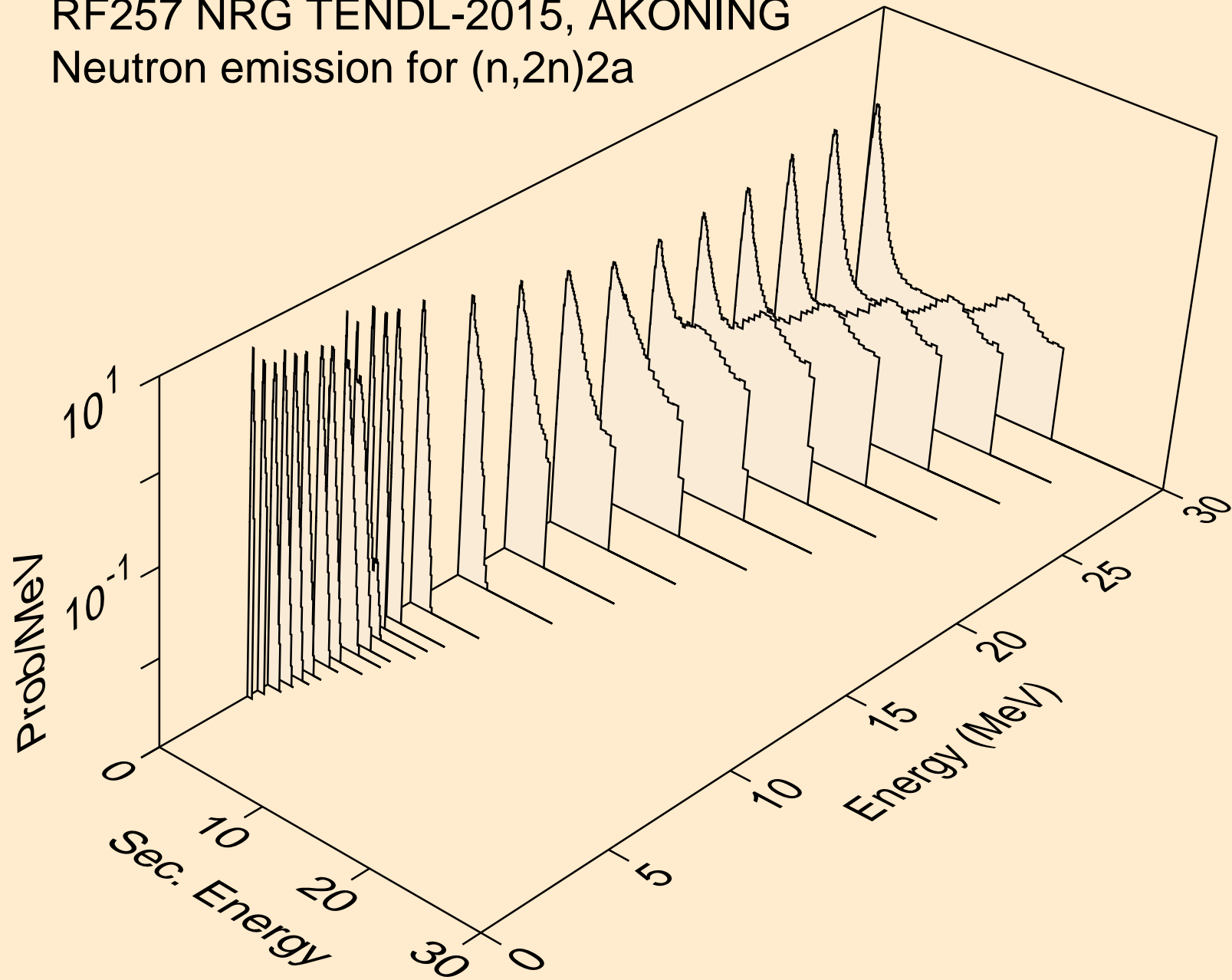
RF257 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



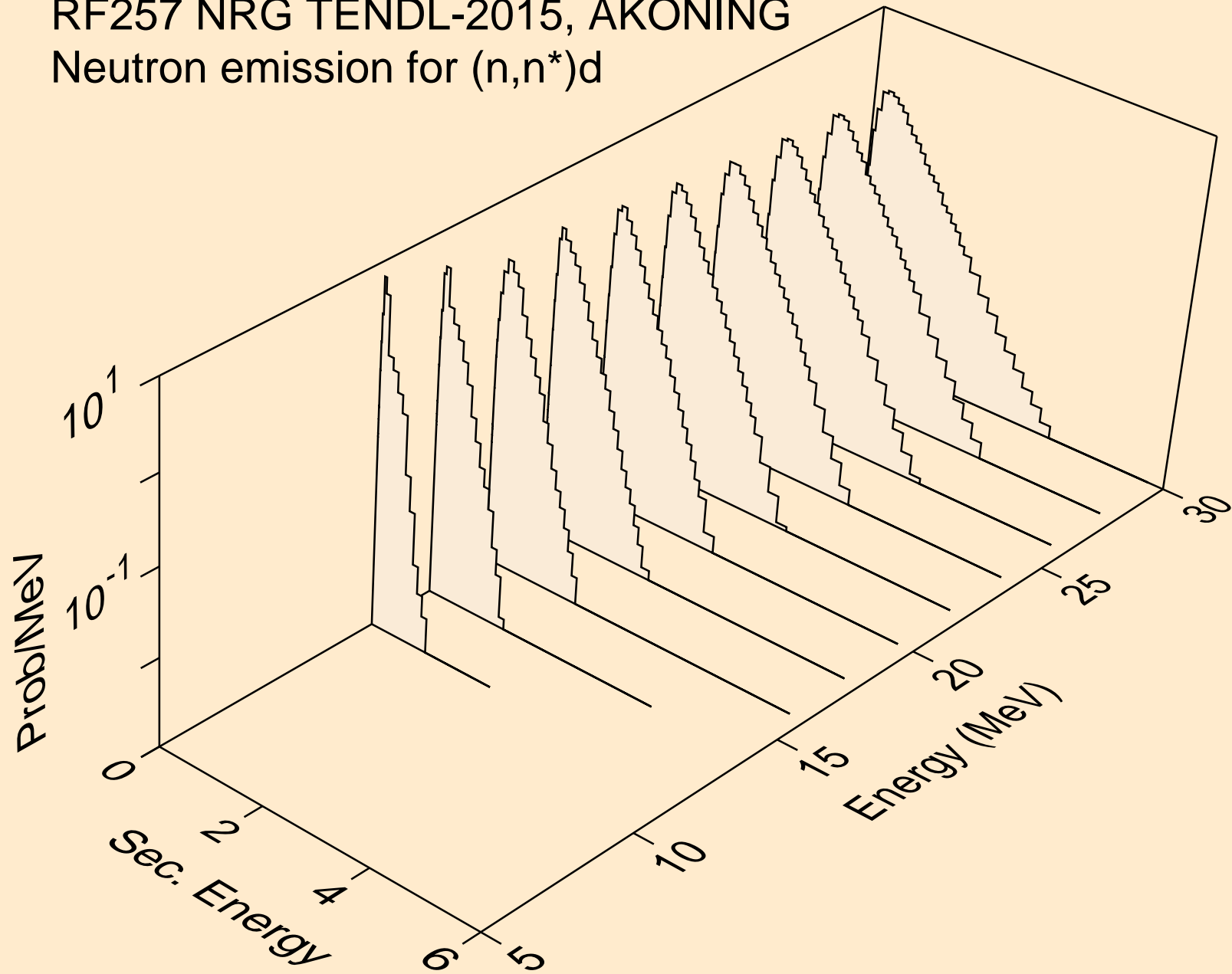
RF257 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



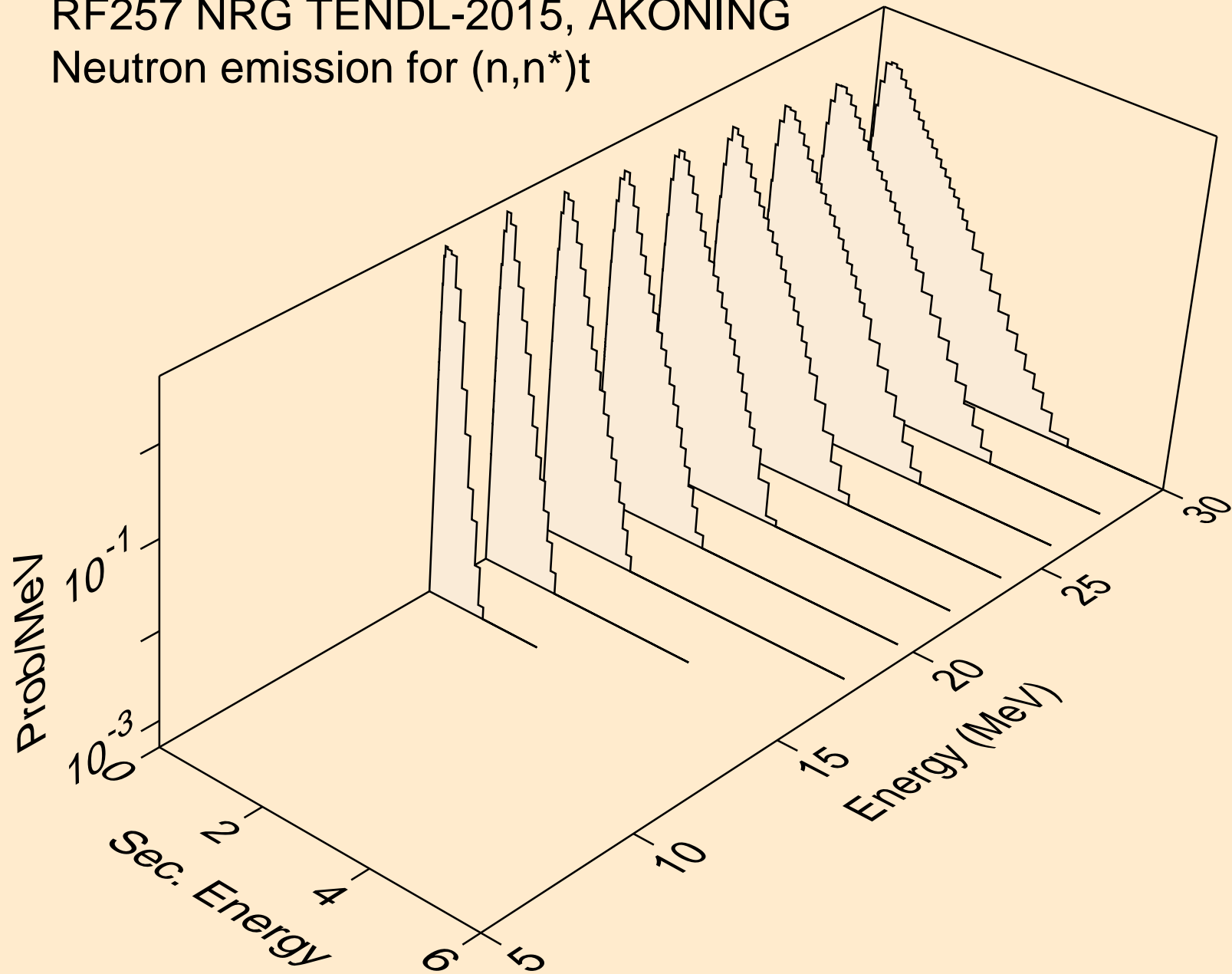
RF257 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



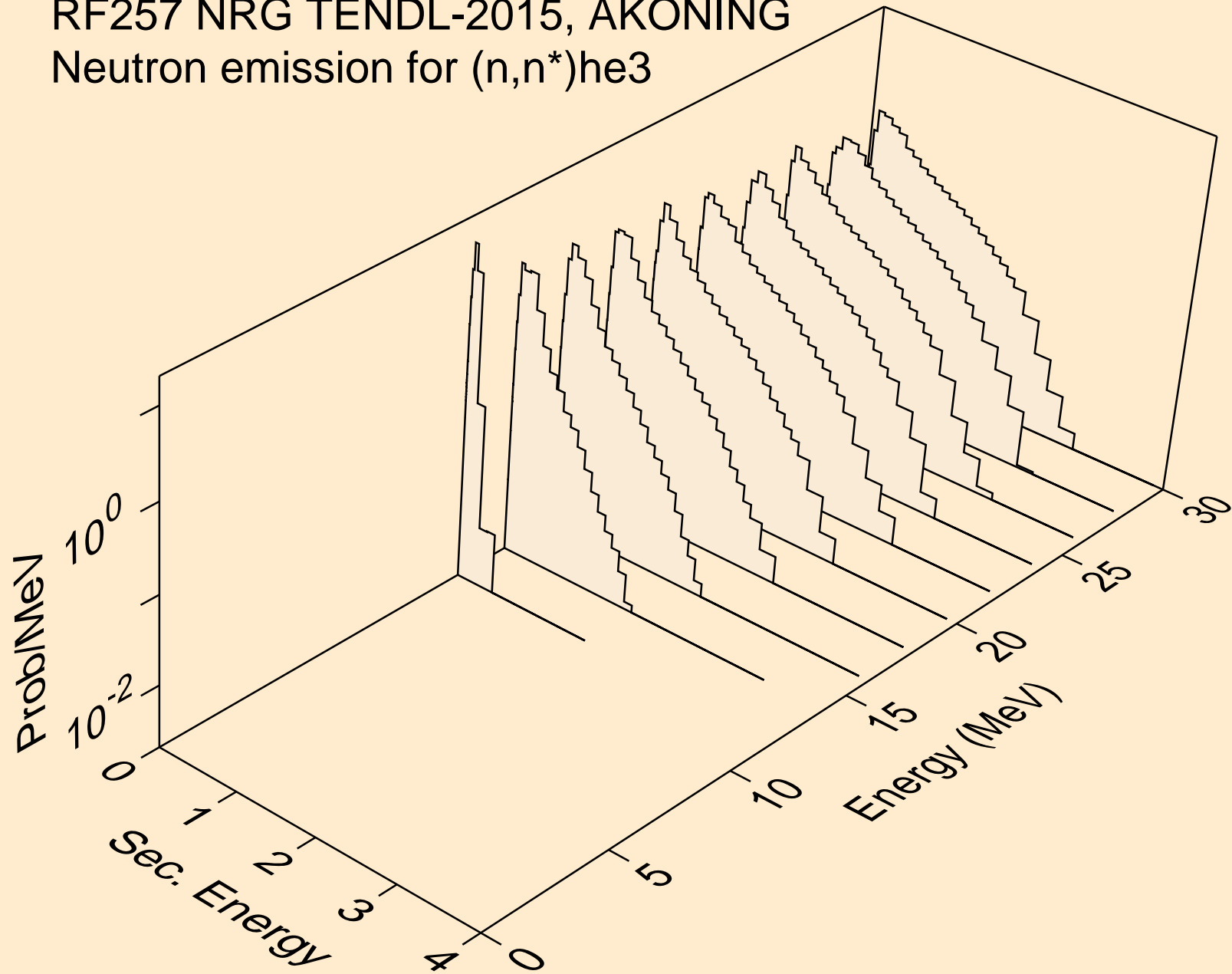
RF257 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



RF257 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

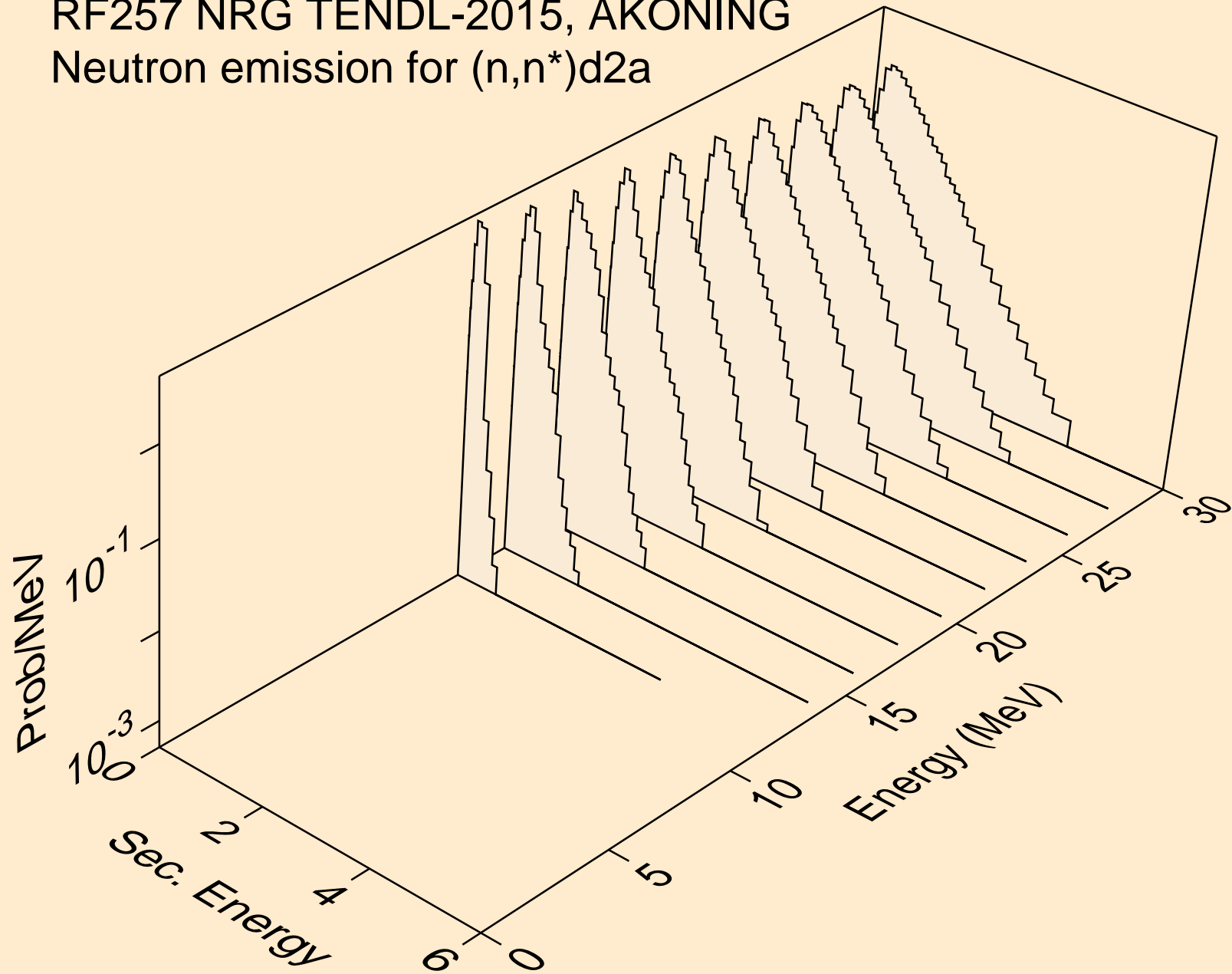


RF257 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

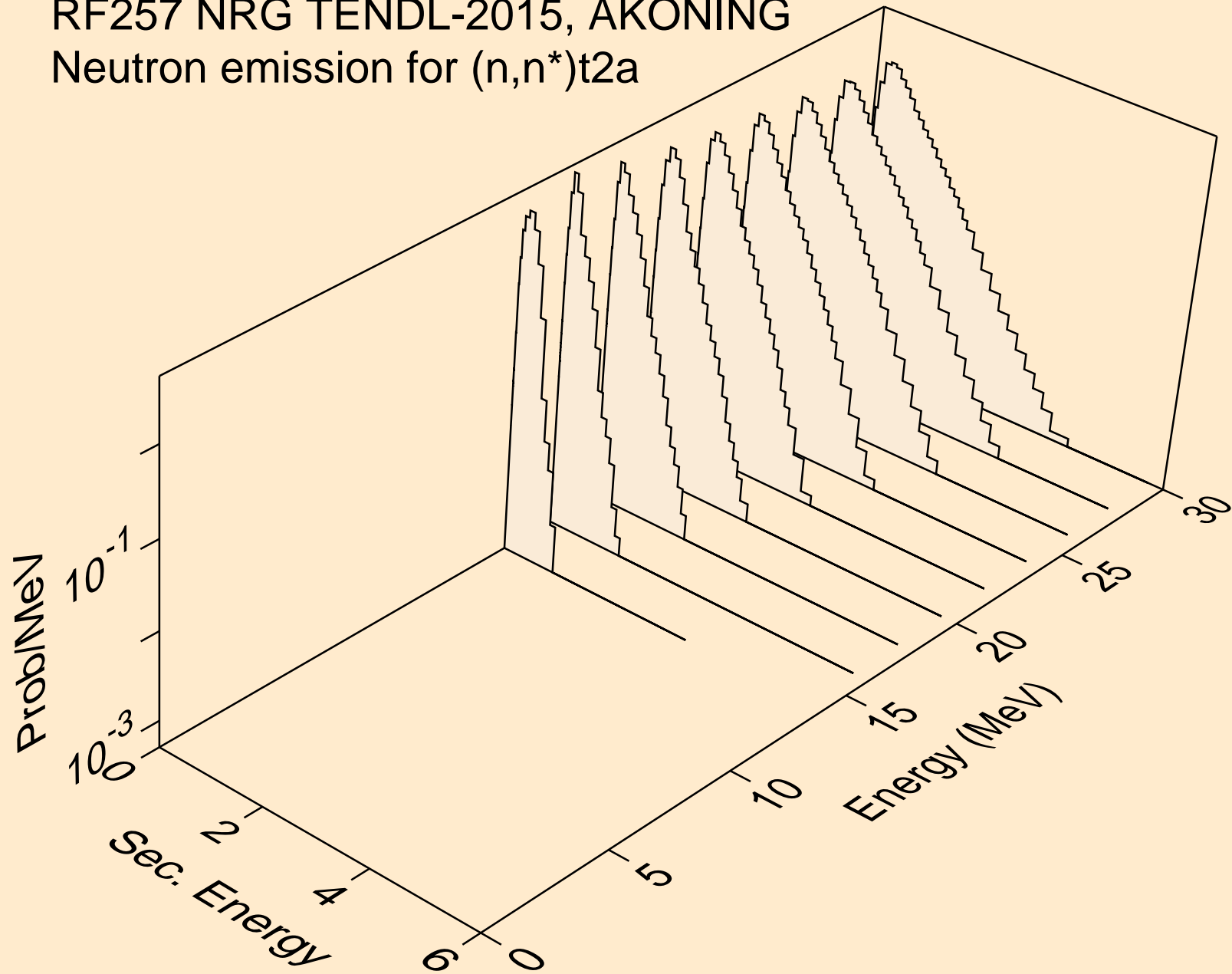




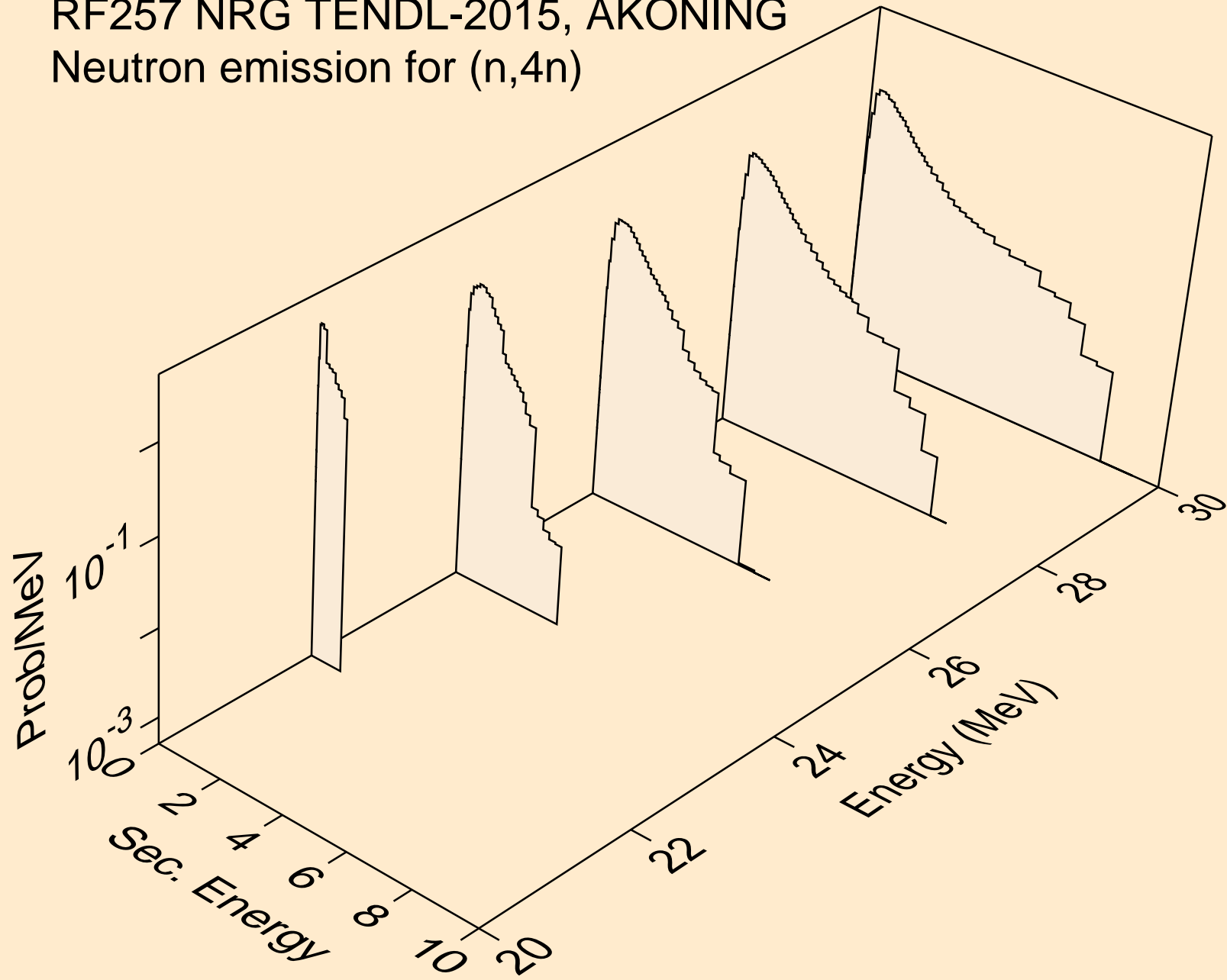
RF257 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d2a



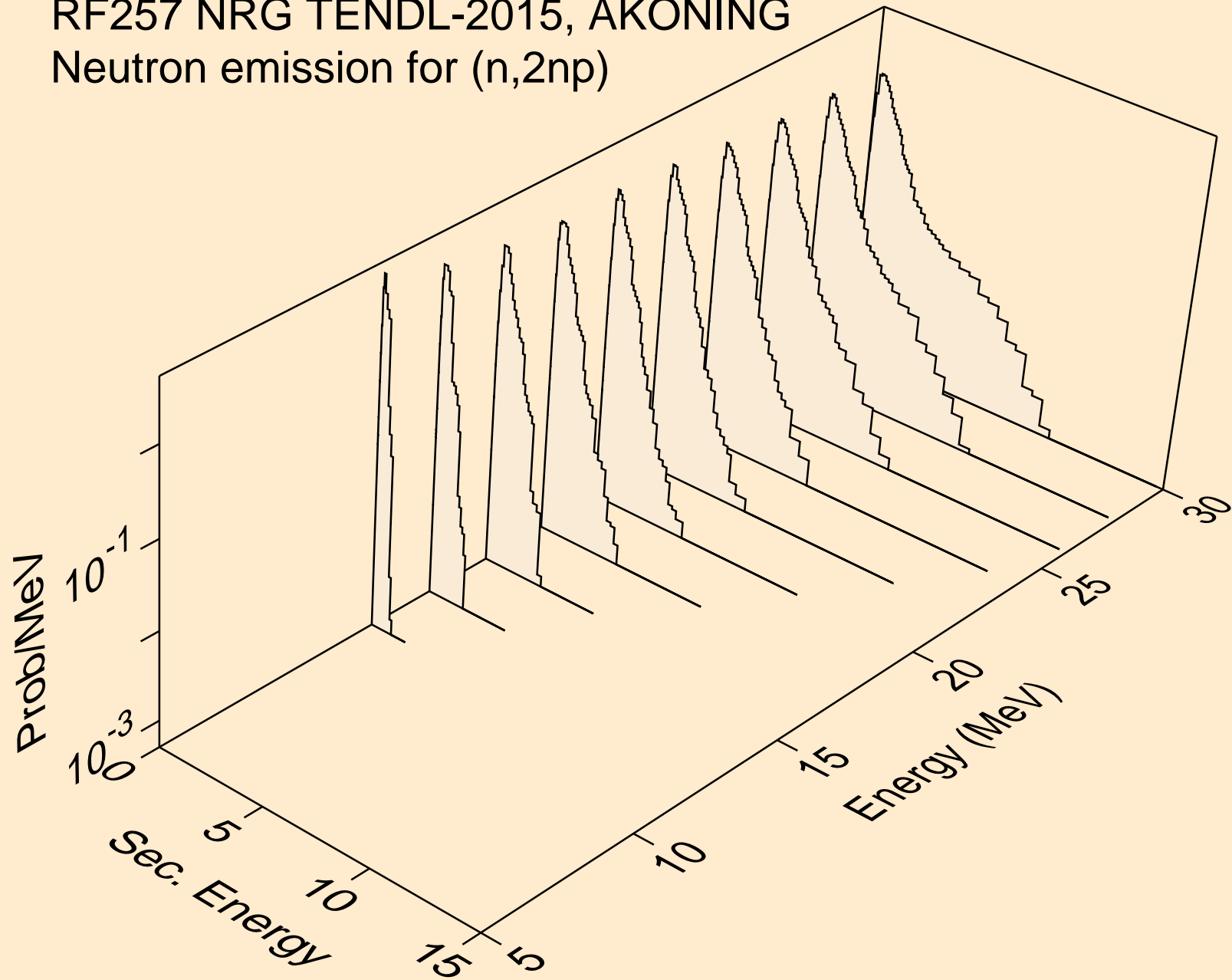
RF257 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t2a



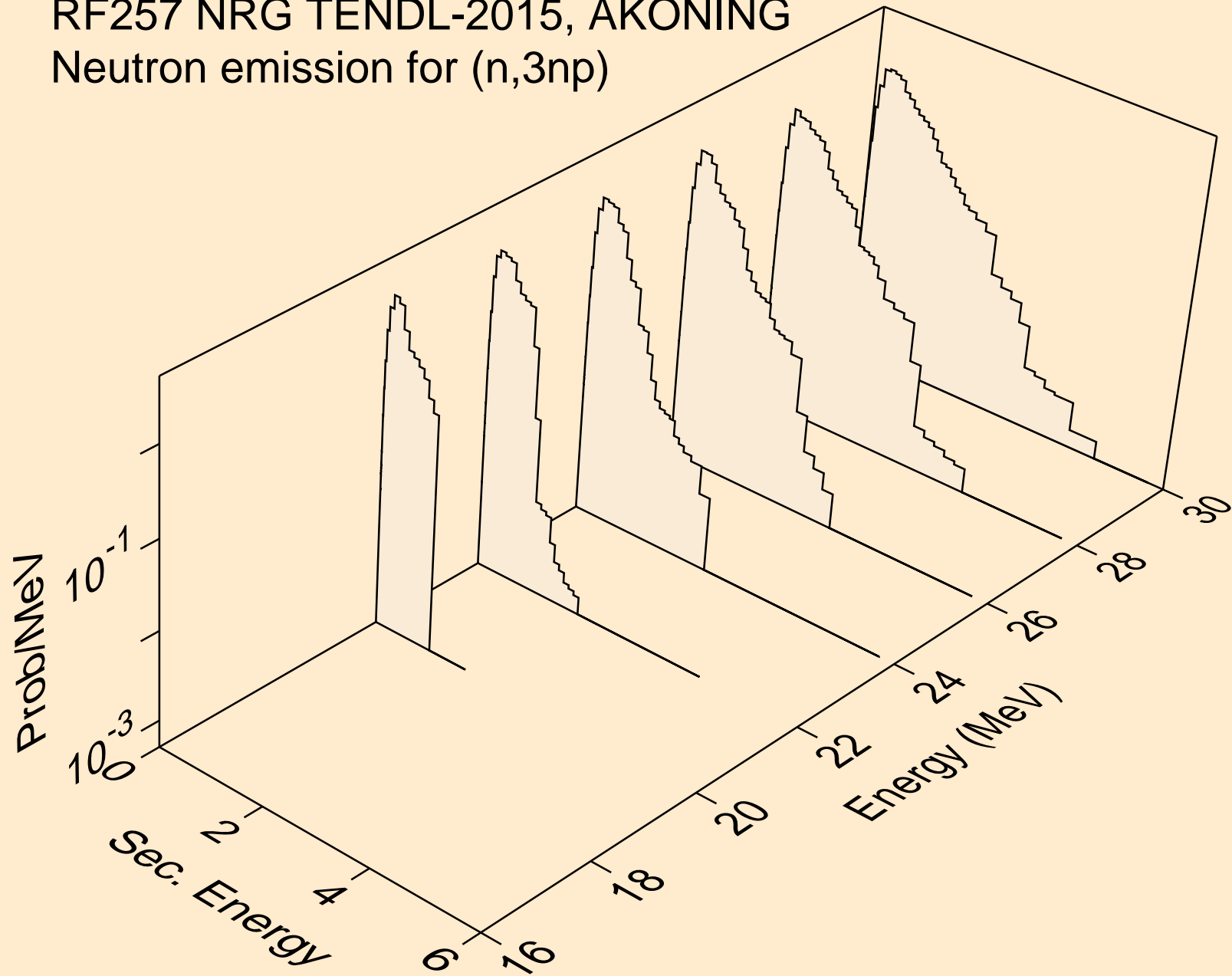
RF257 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



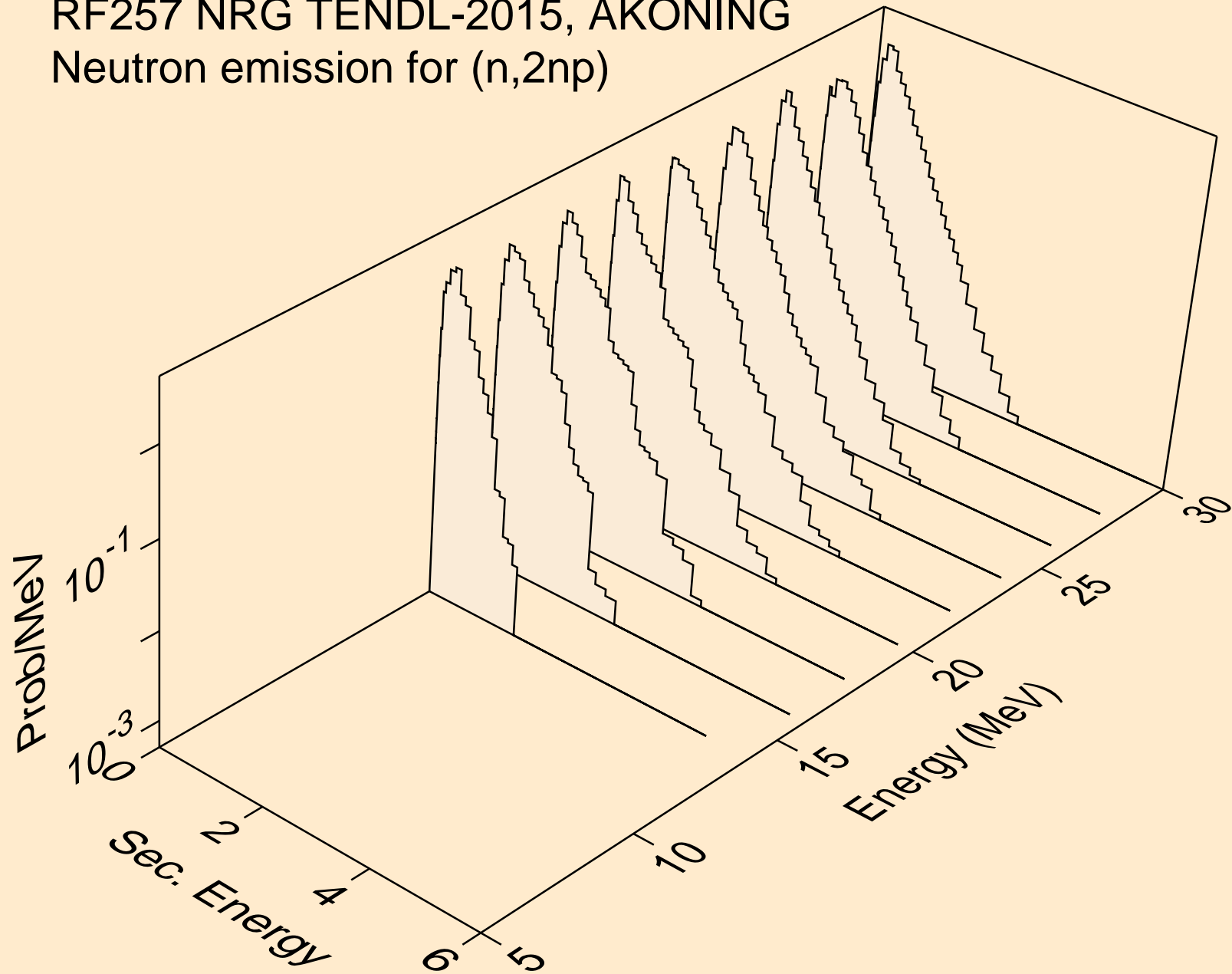
RF257 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



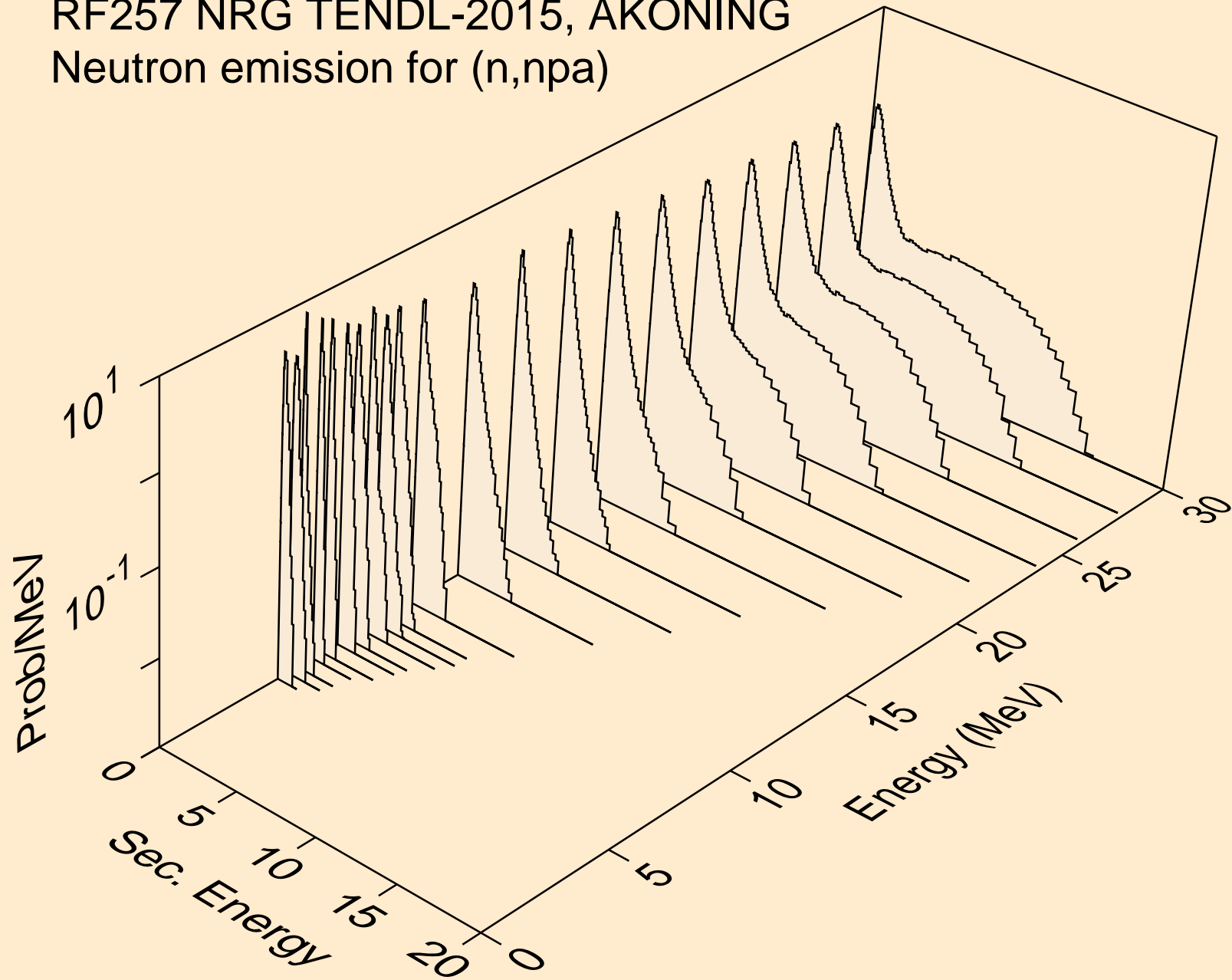
RF257 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



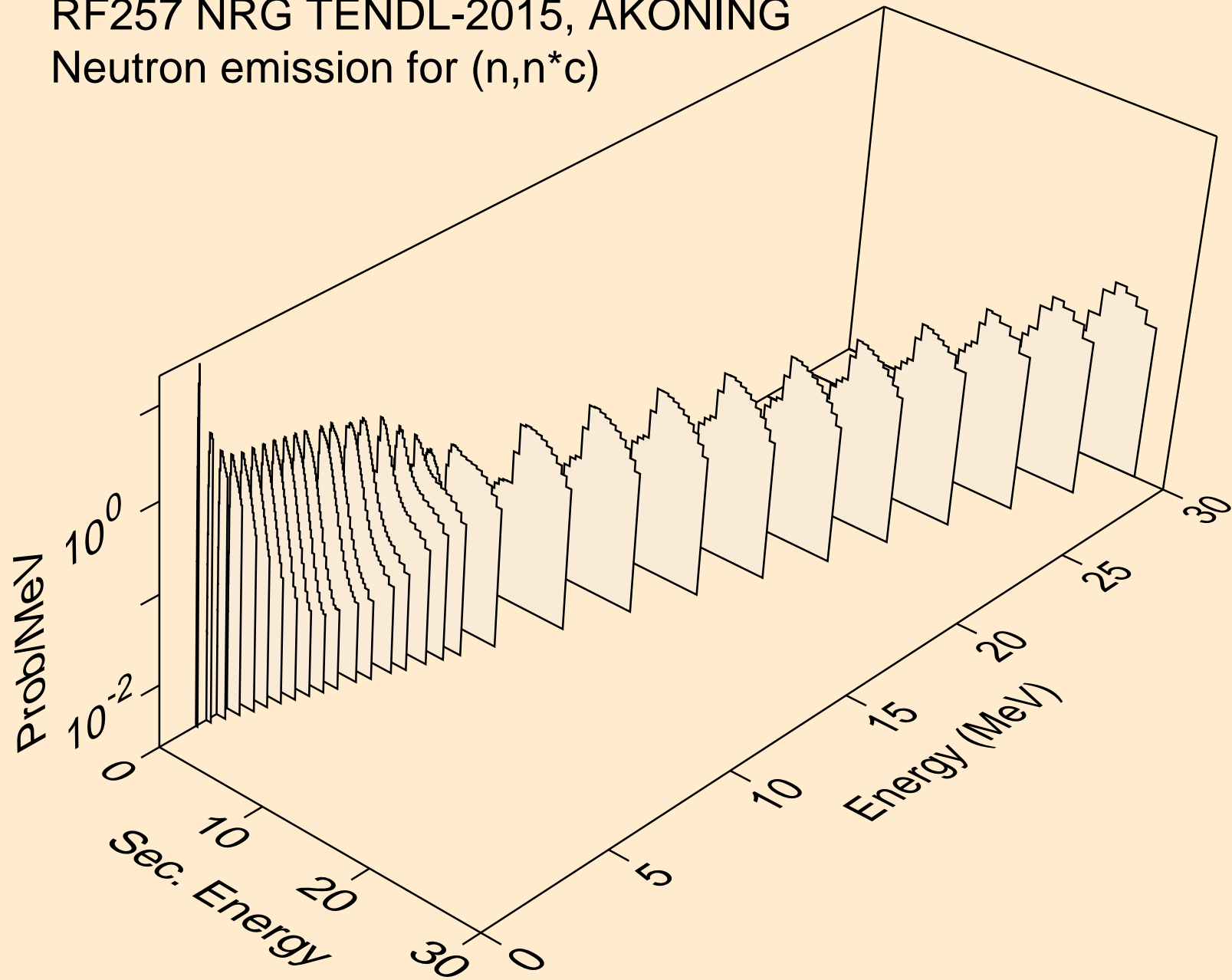
RF257 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



RF257 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



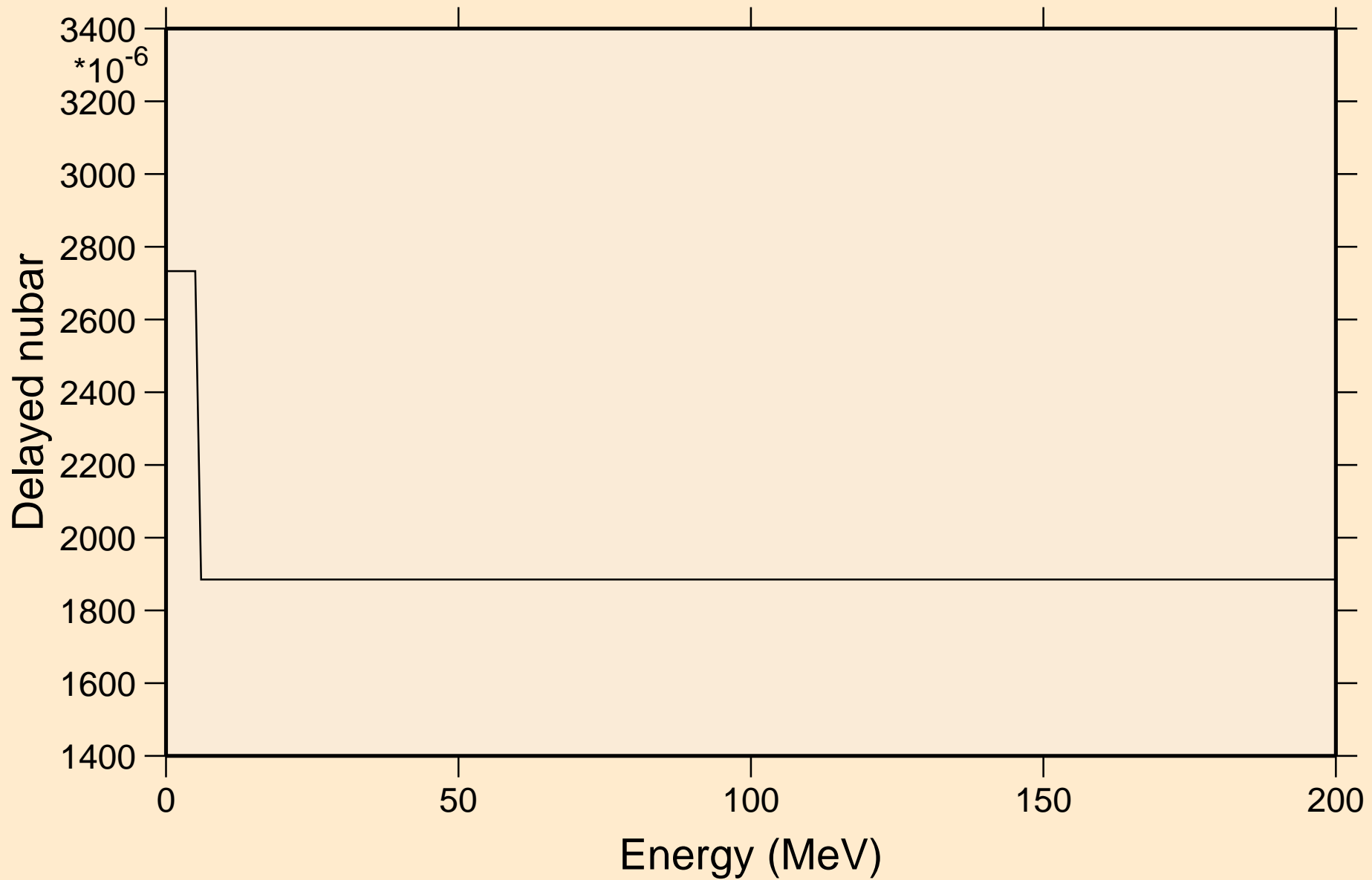
RF257 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)





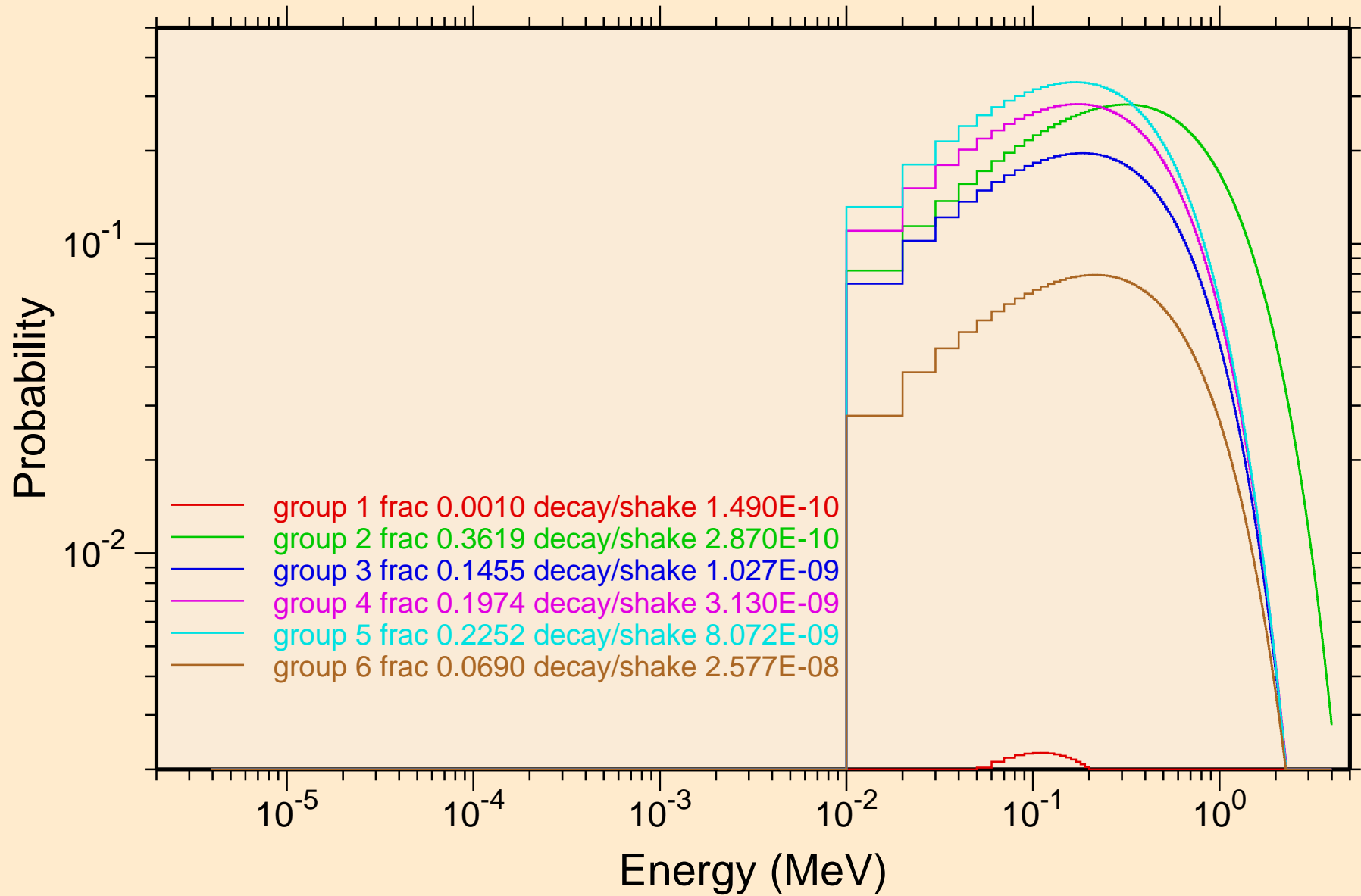
# RF257 NRG TENDL-2015, AKONING

## Delayed nubar

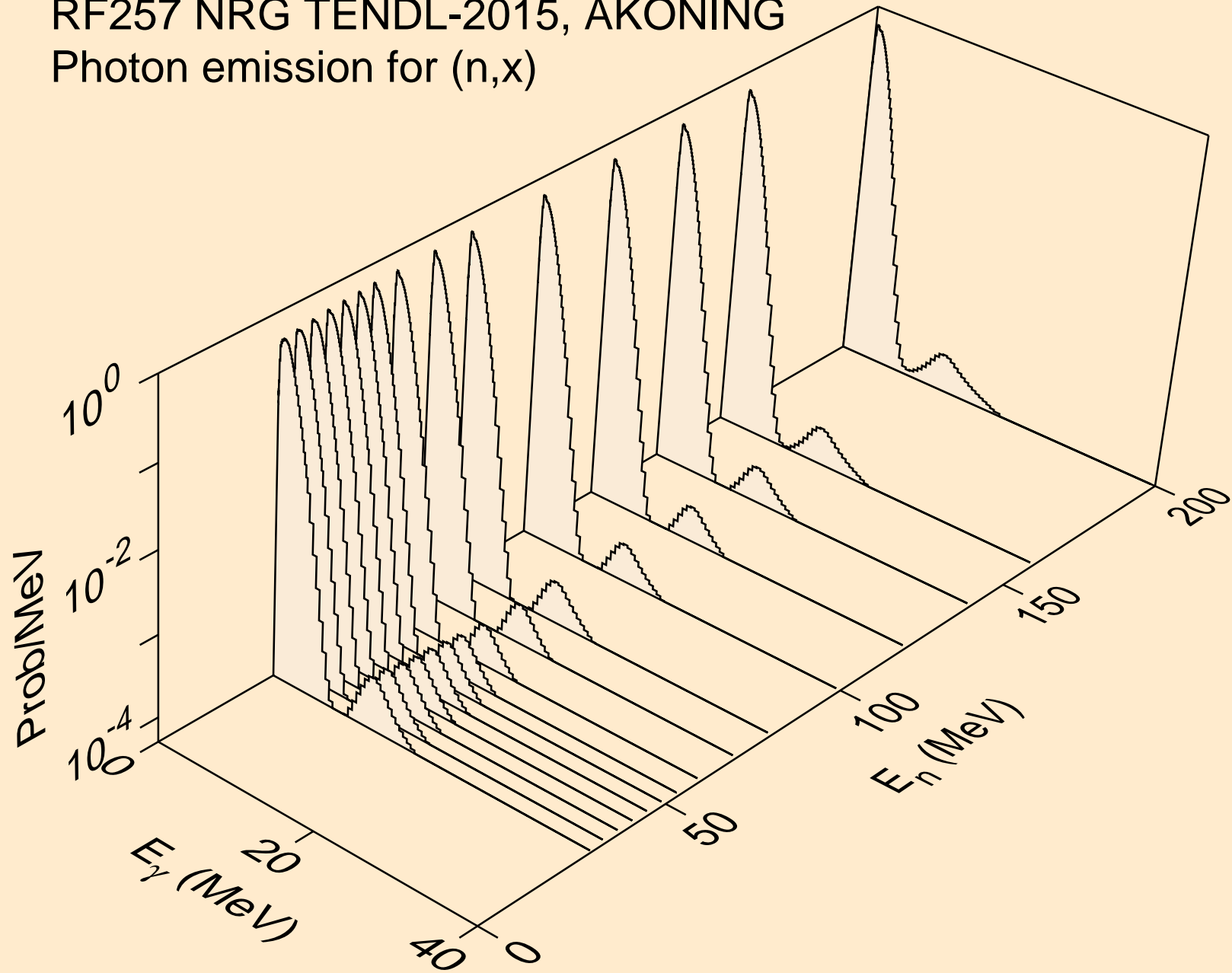


# RF257 NRG TENDL-2015, AKONING

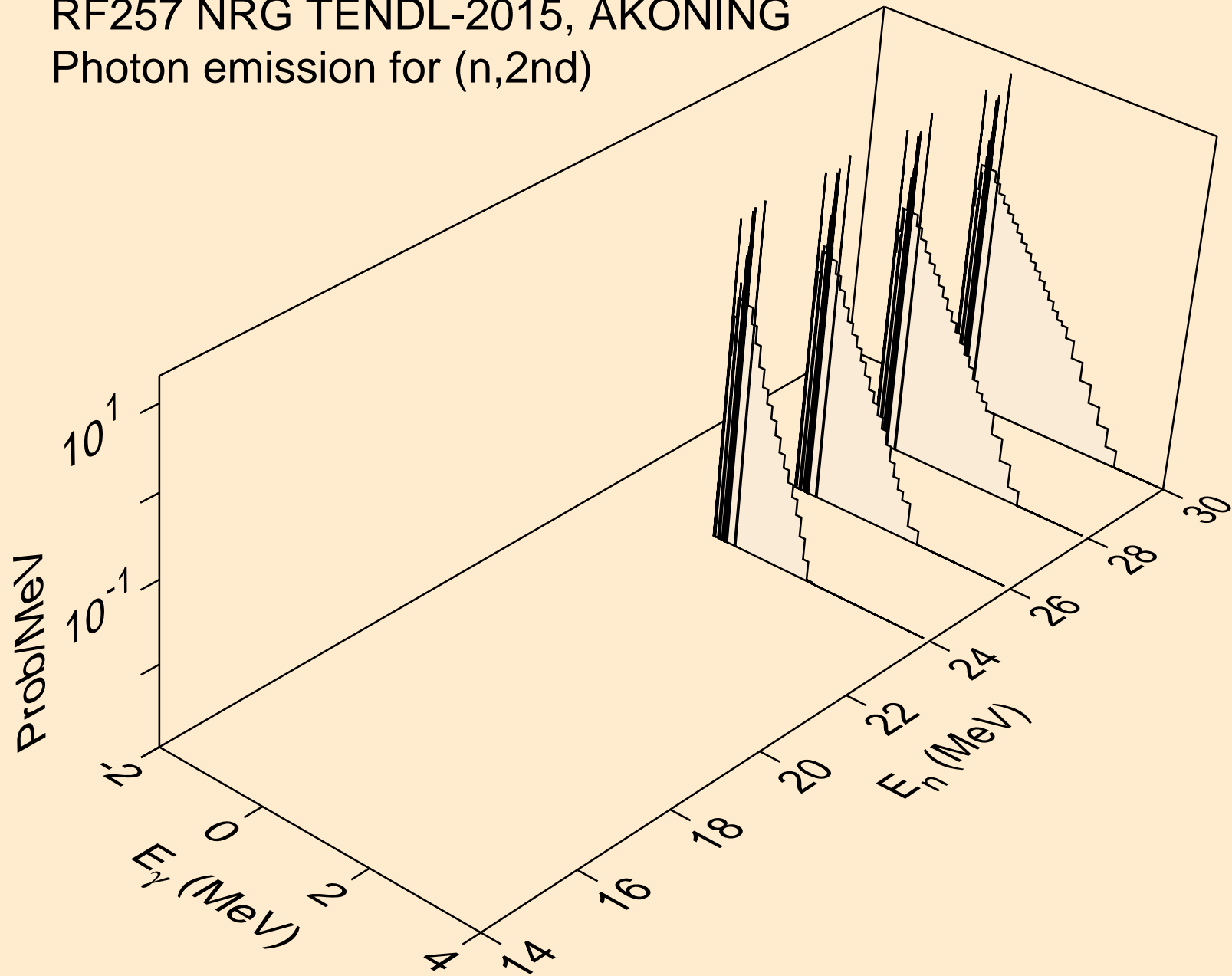
## Delayed neutron spectra



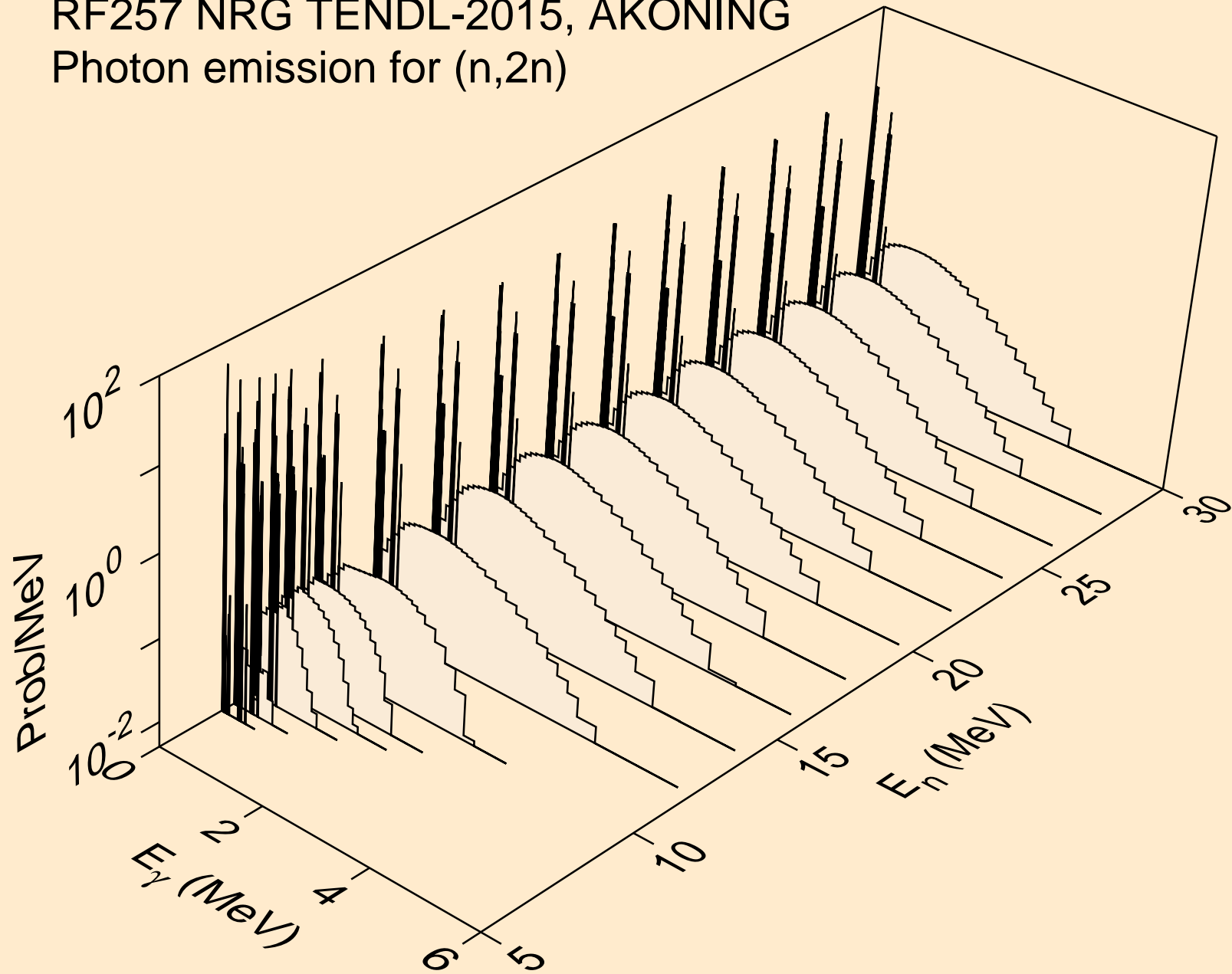
RF257 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



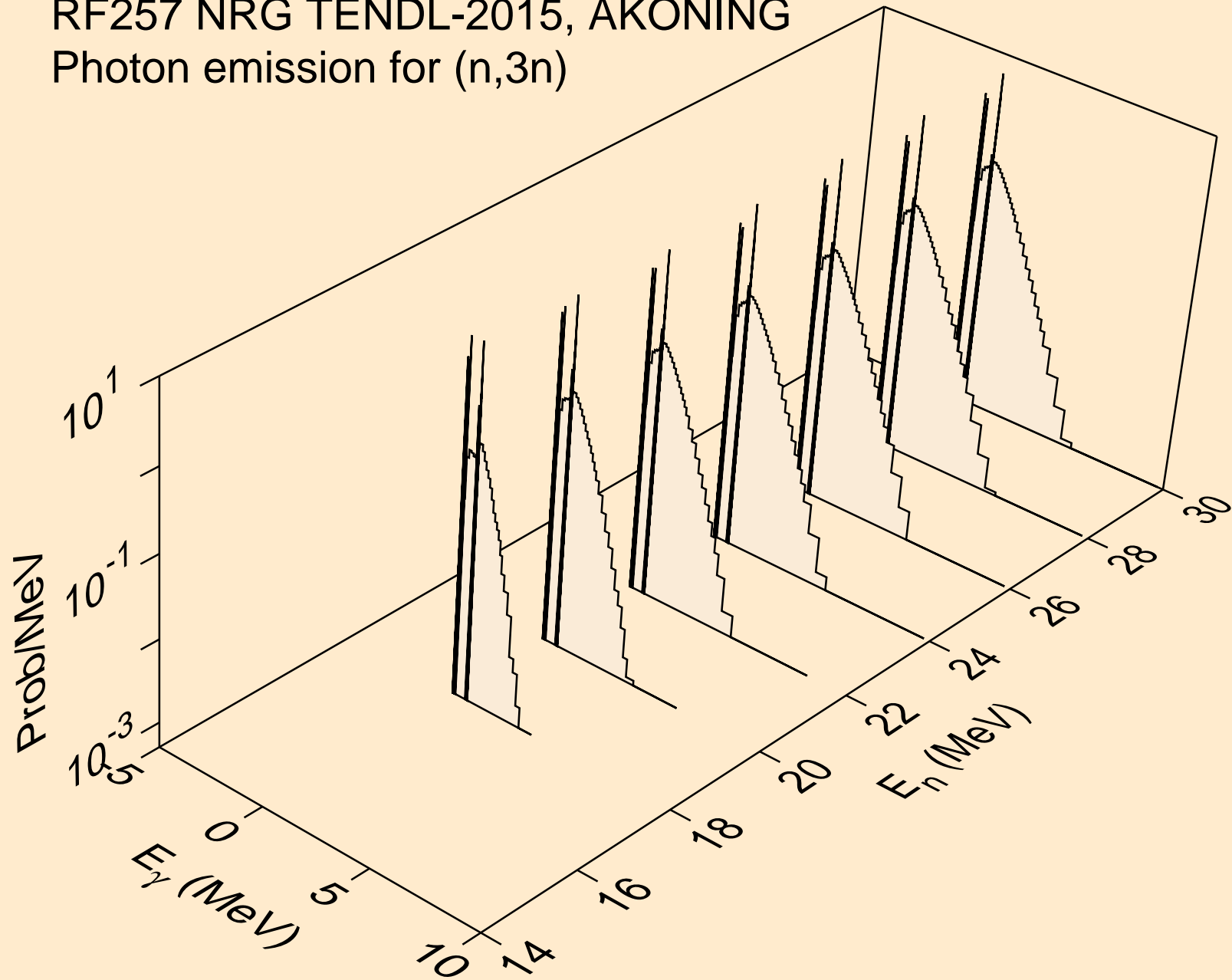
RF257 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



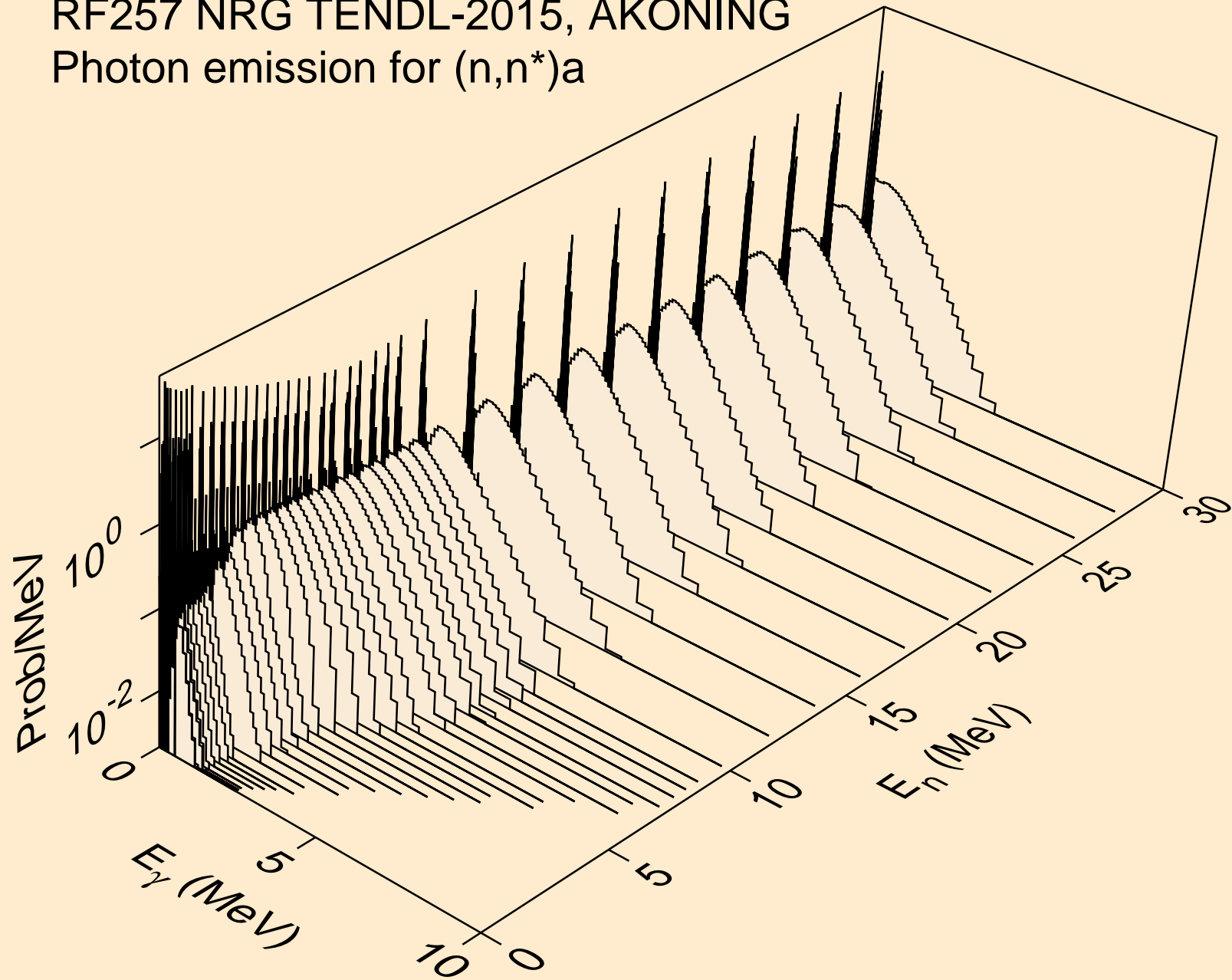
RF257 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



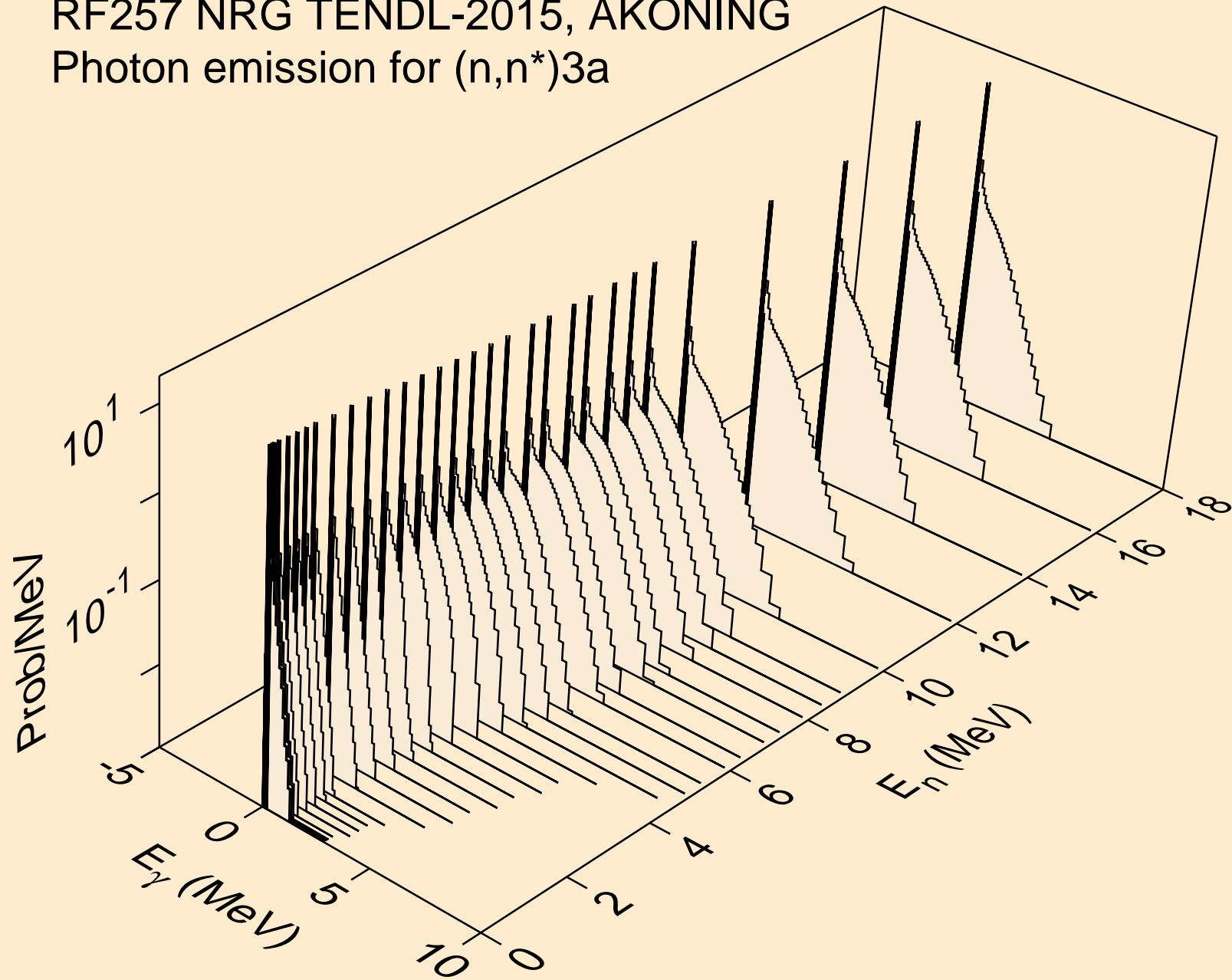
RF257 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



RF257 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

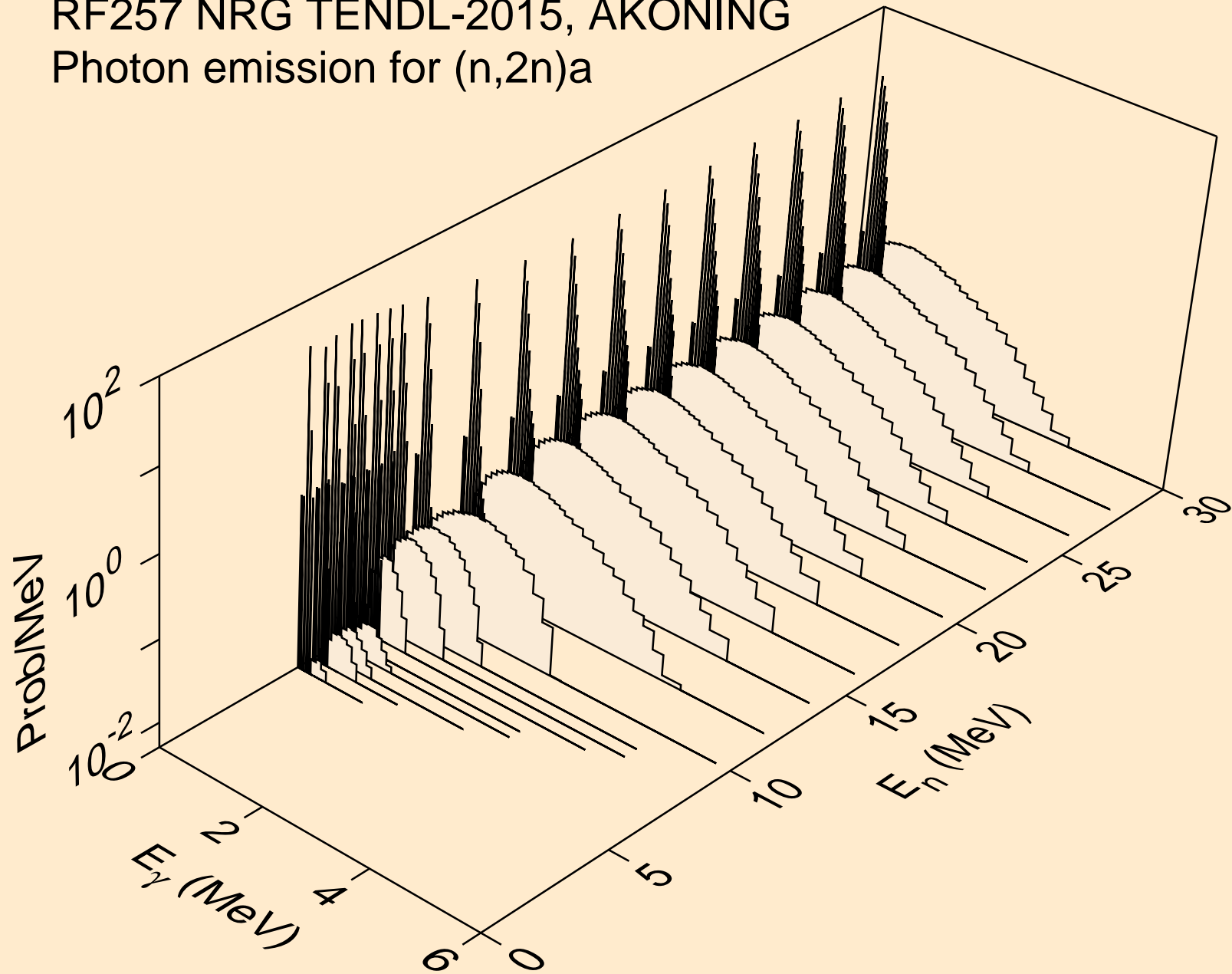


RF257 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a

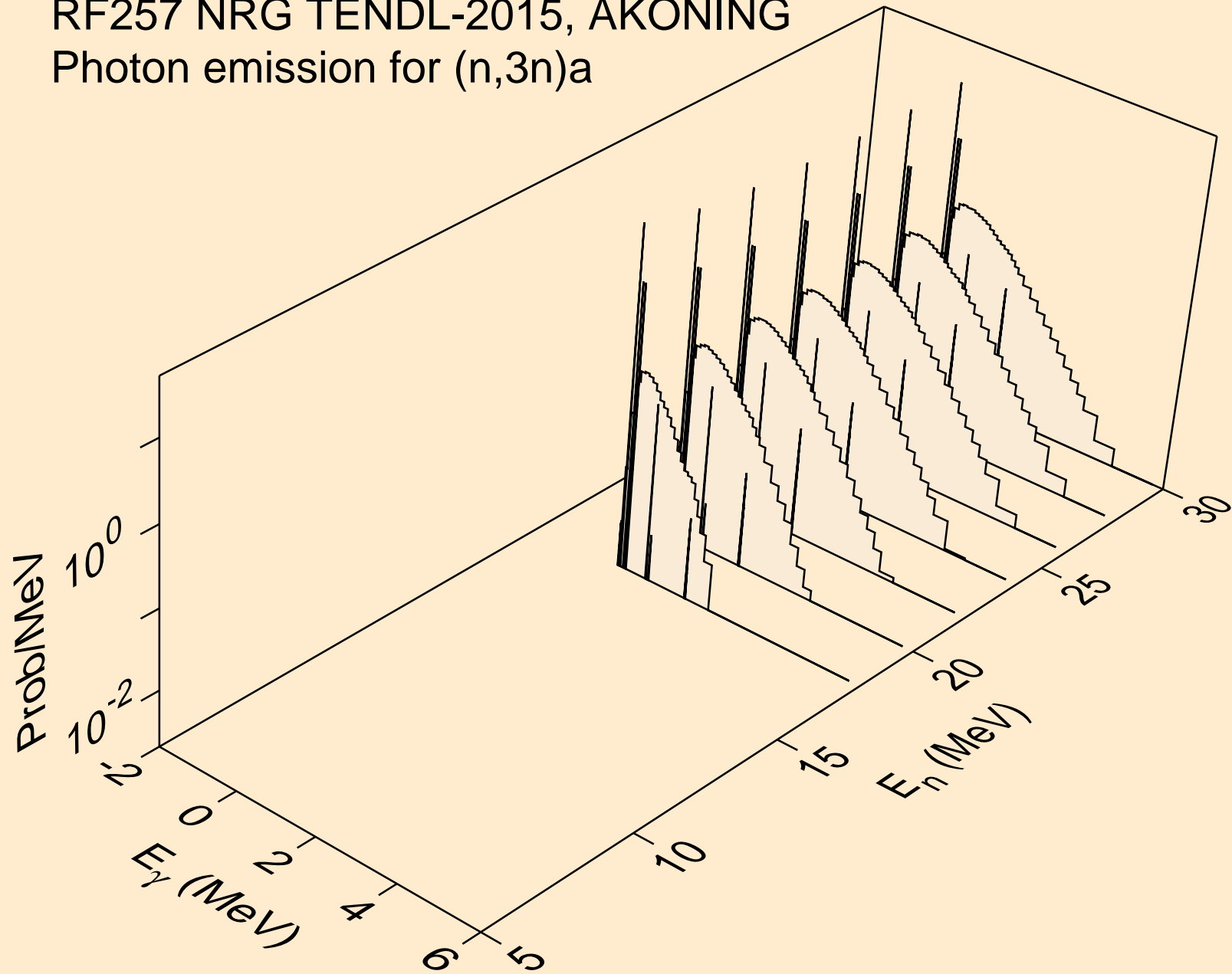




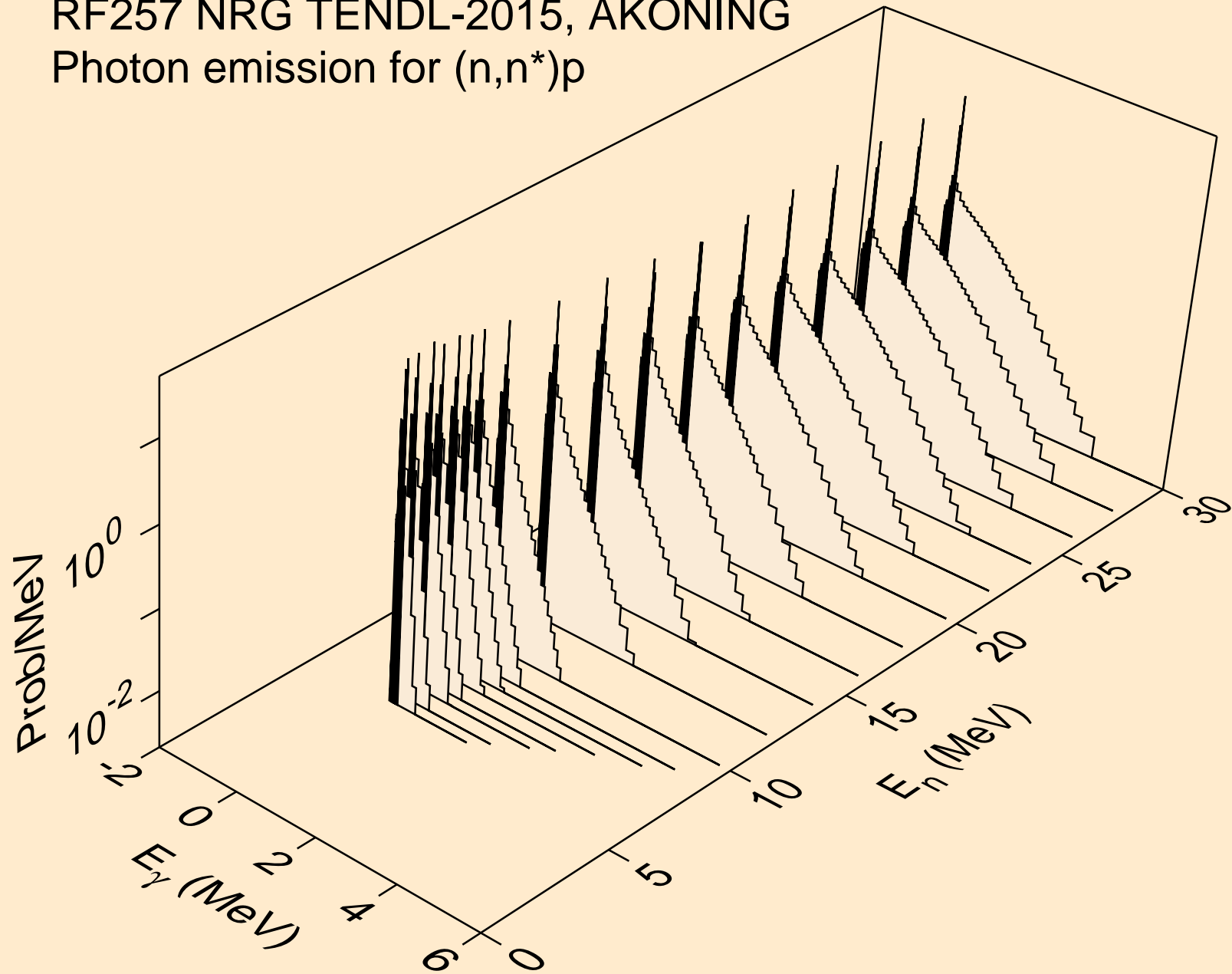
RF257 NRG TENDL-2015, AKONING  
Photon emission for (n,2n) $\alpha$



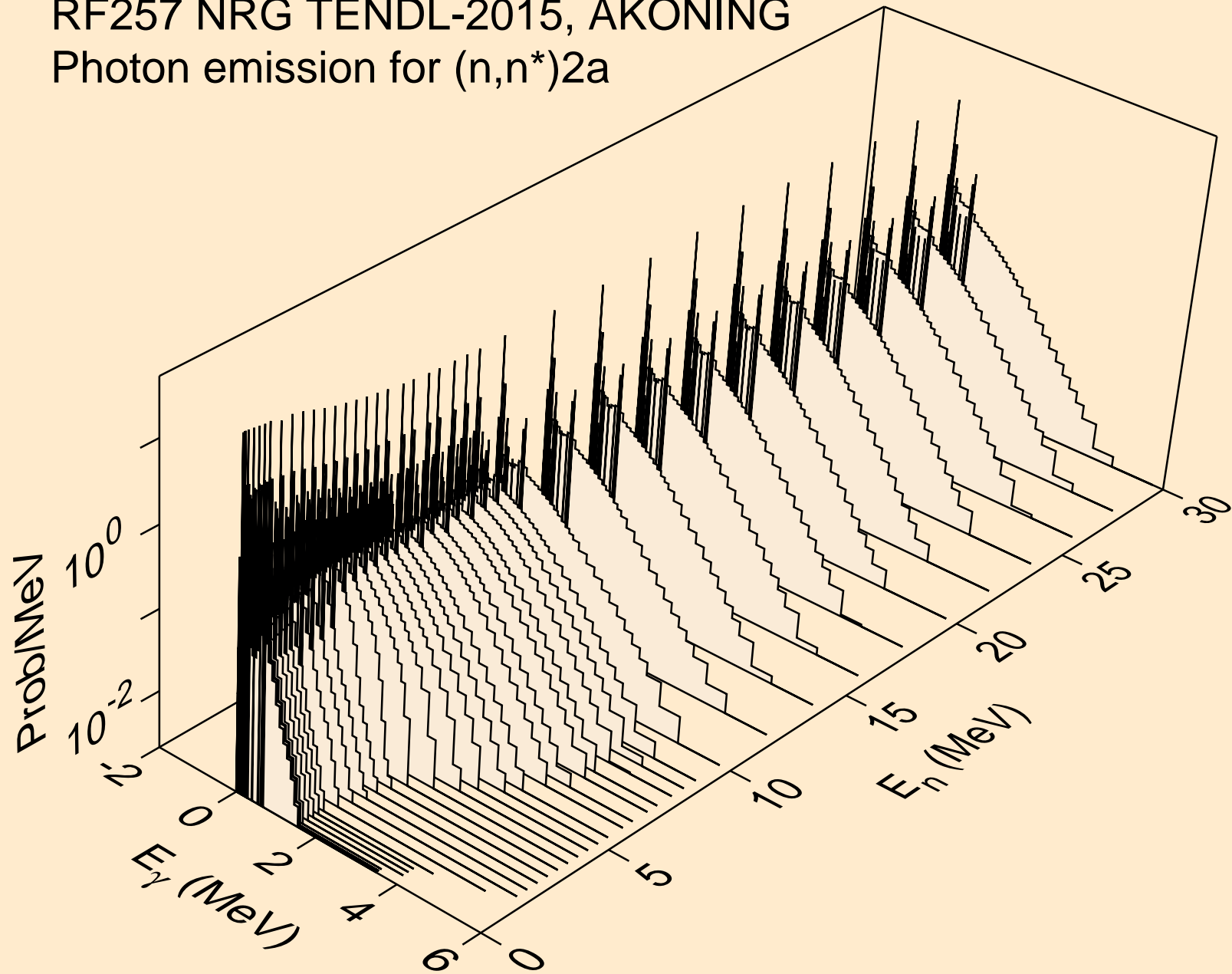
RF257 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



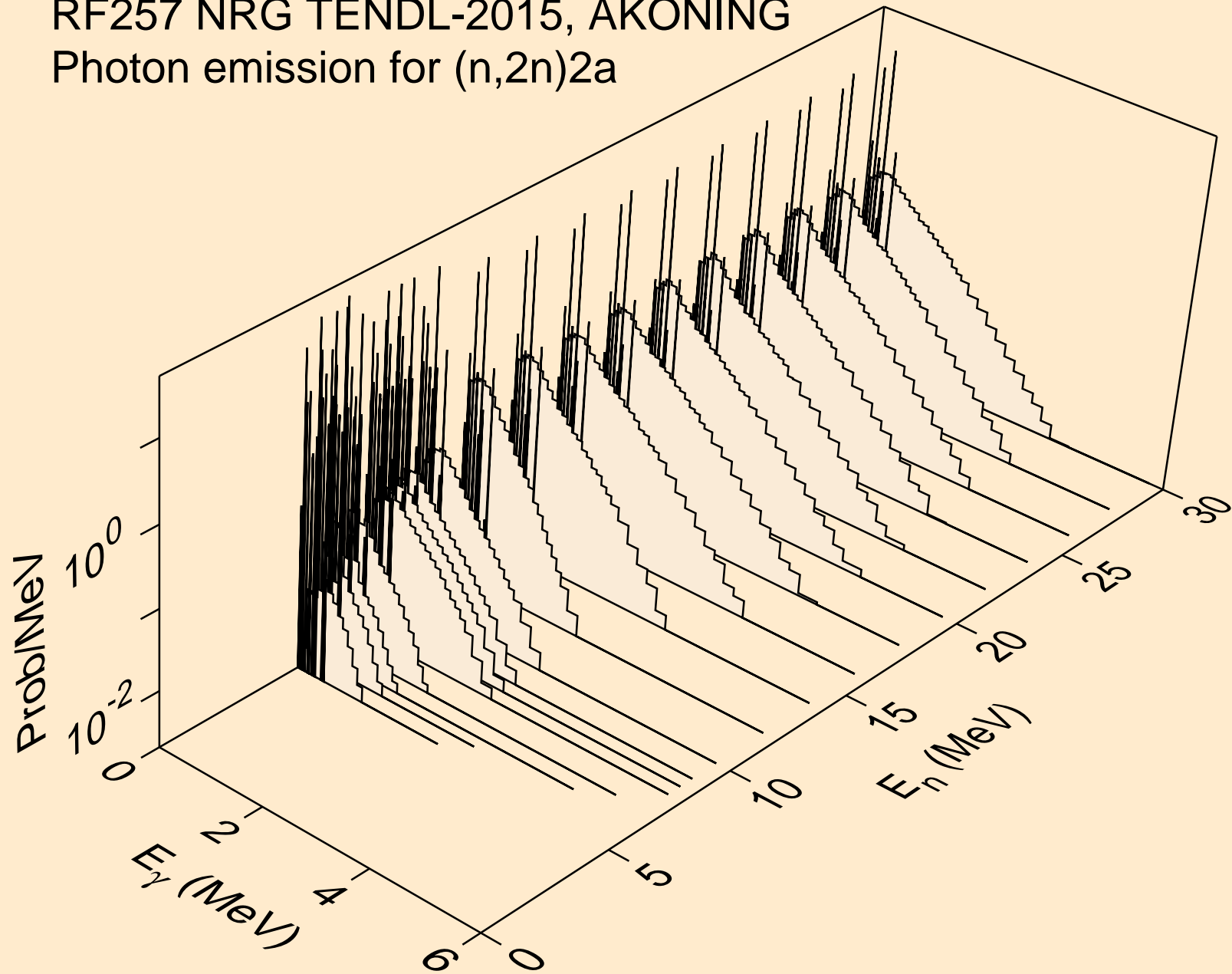
RF257 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



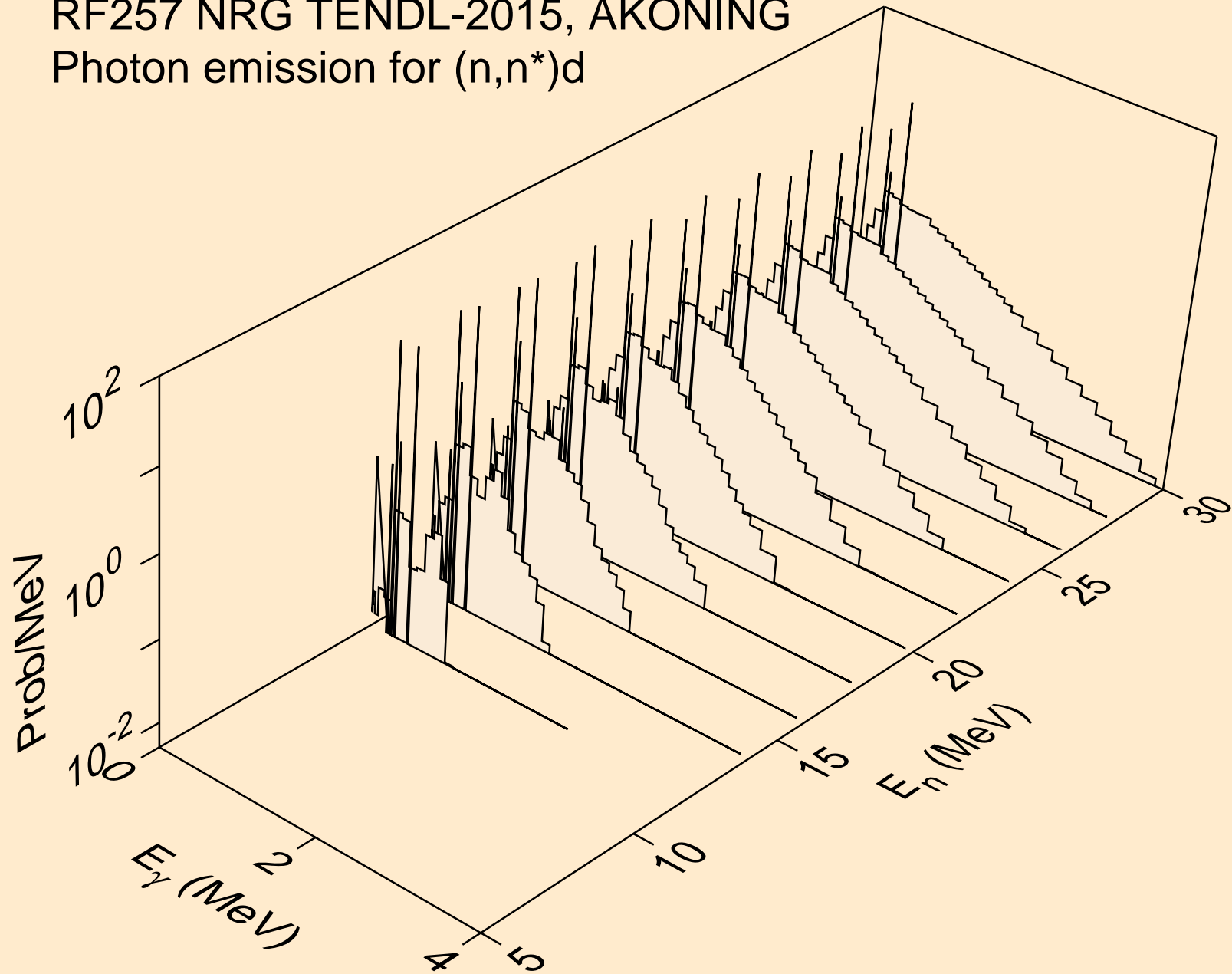
RF257 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



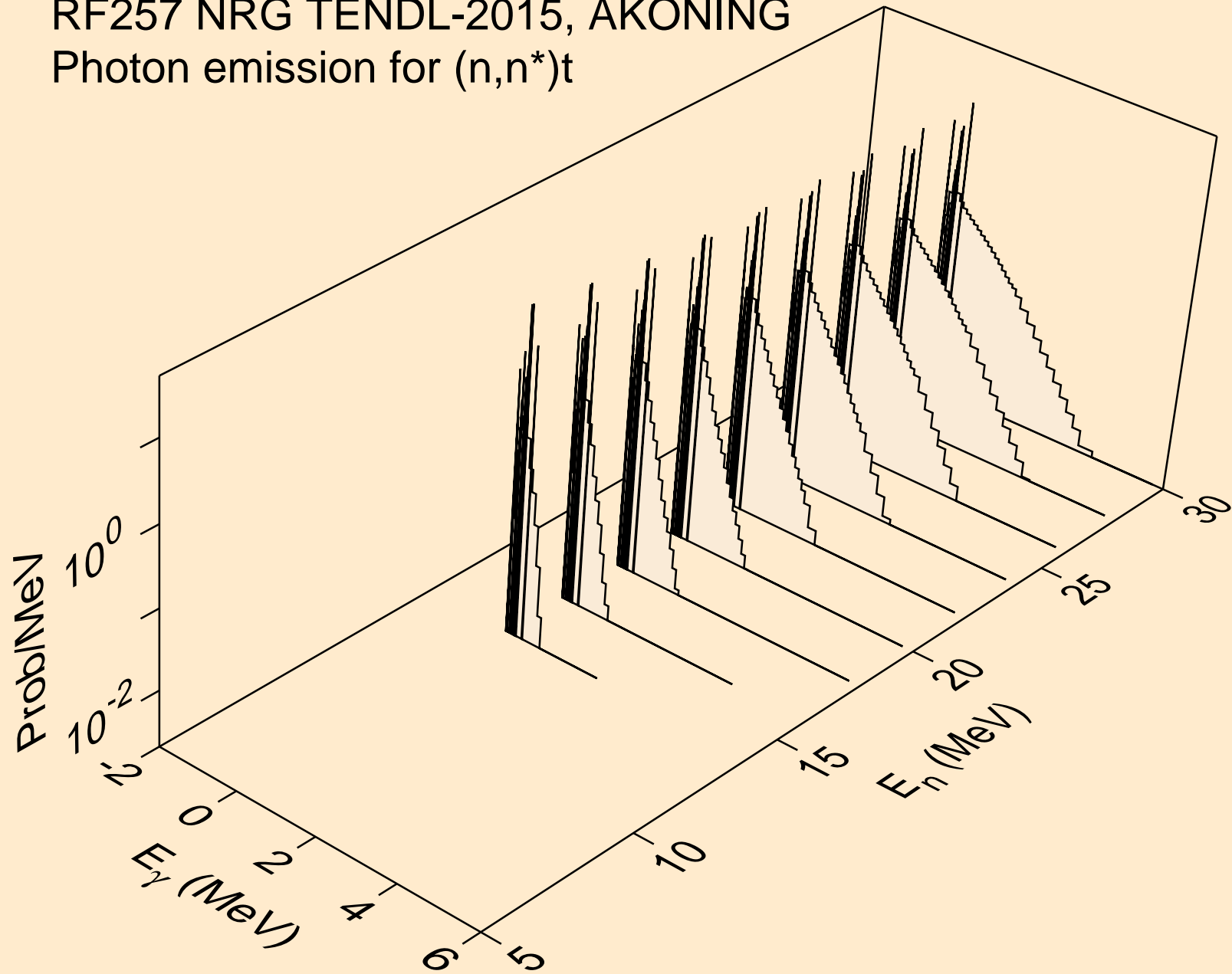
RF257 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



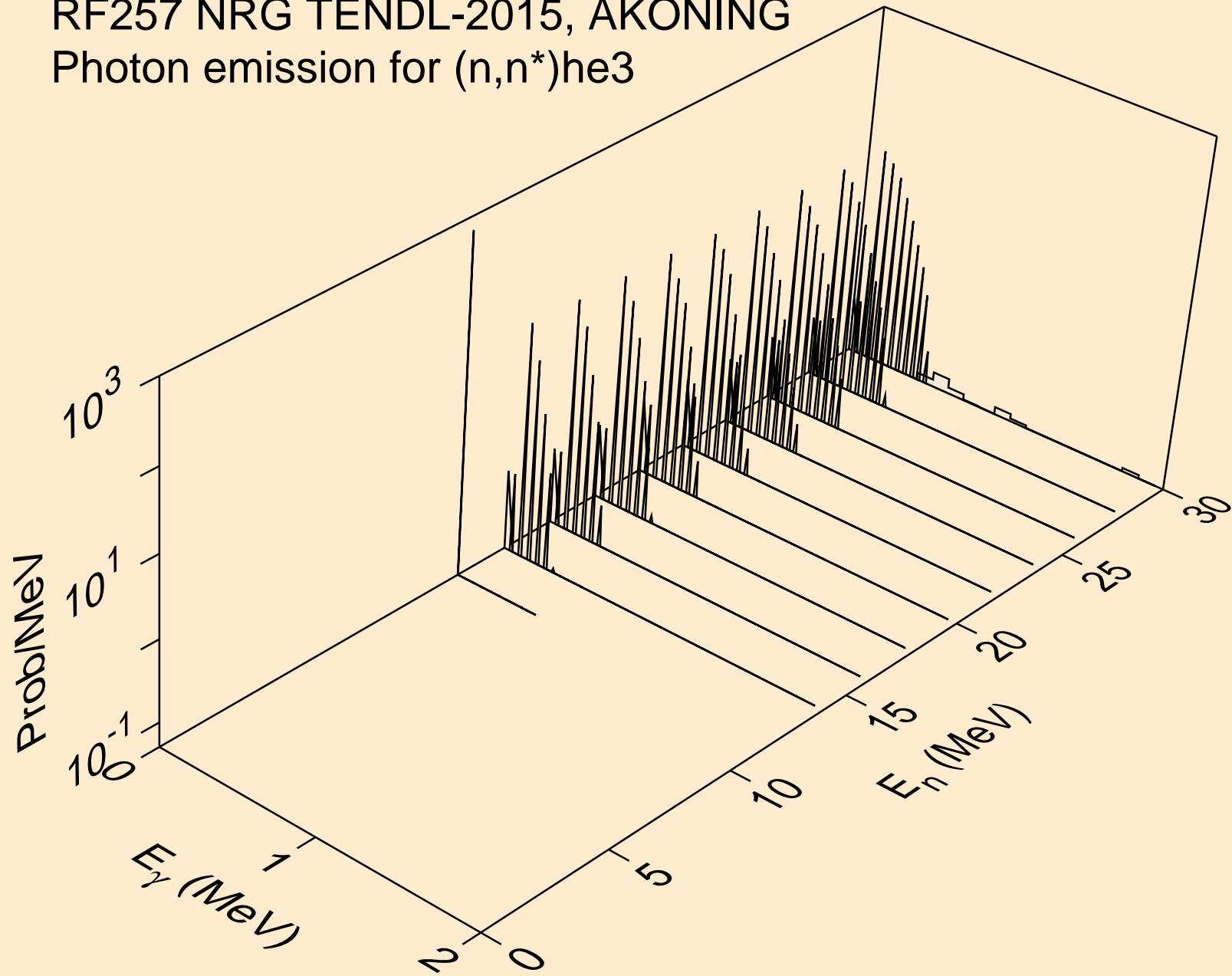
RF257 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



RF257 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

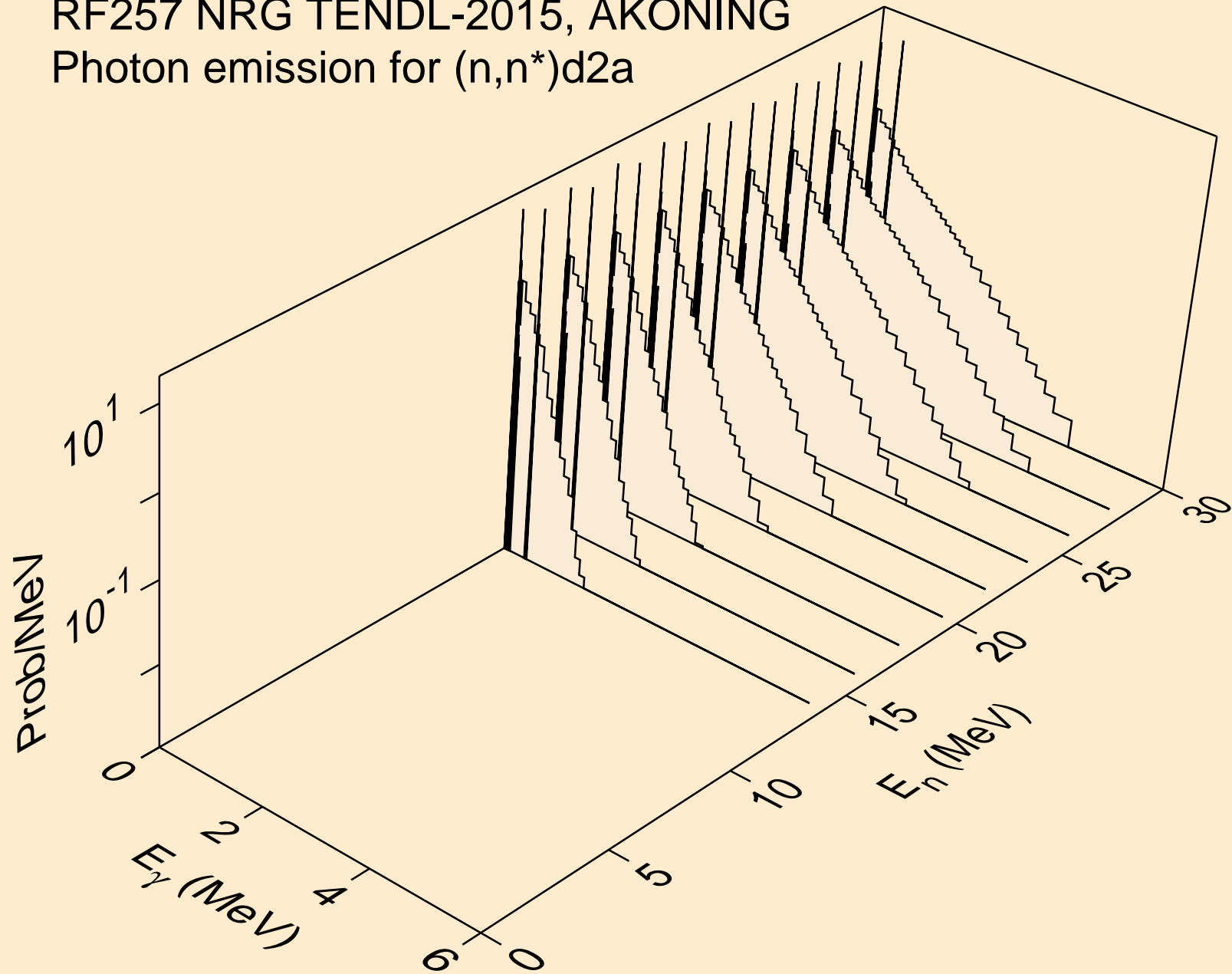


RF257 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

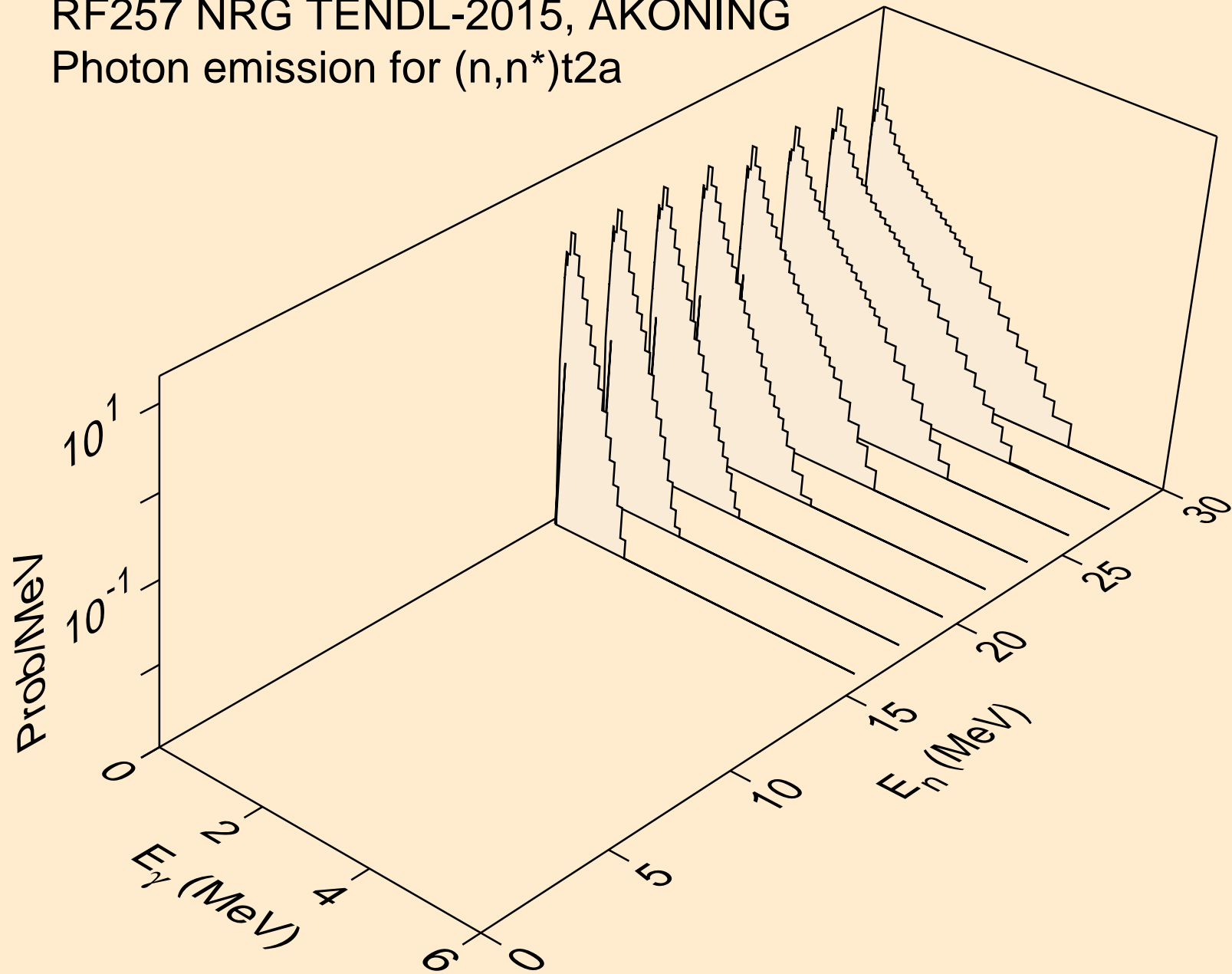




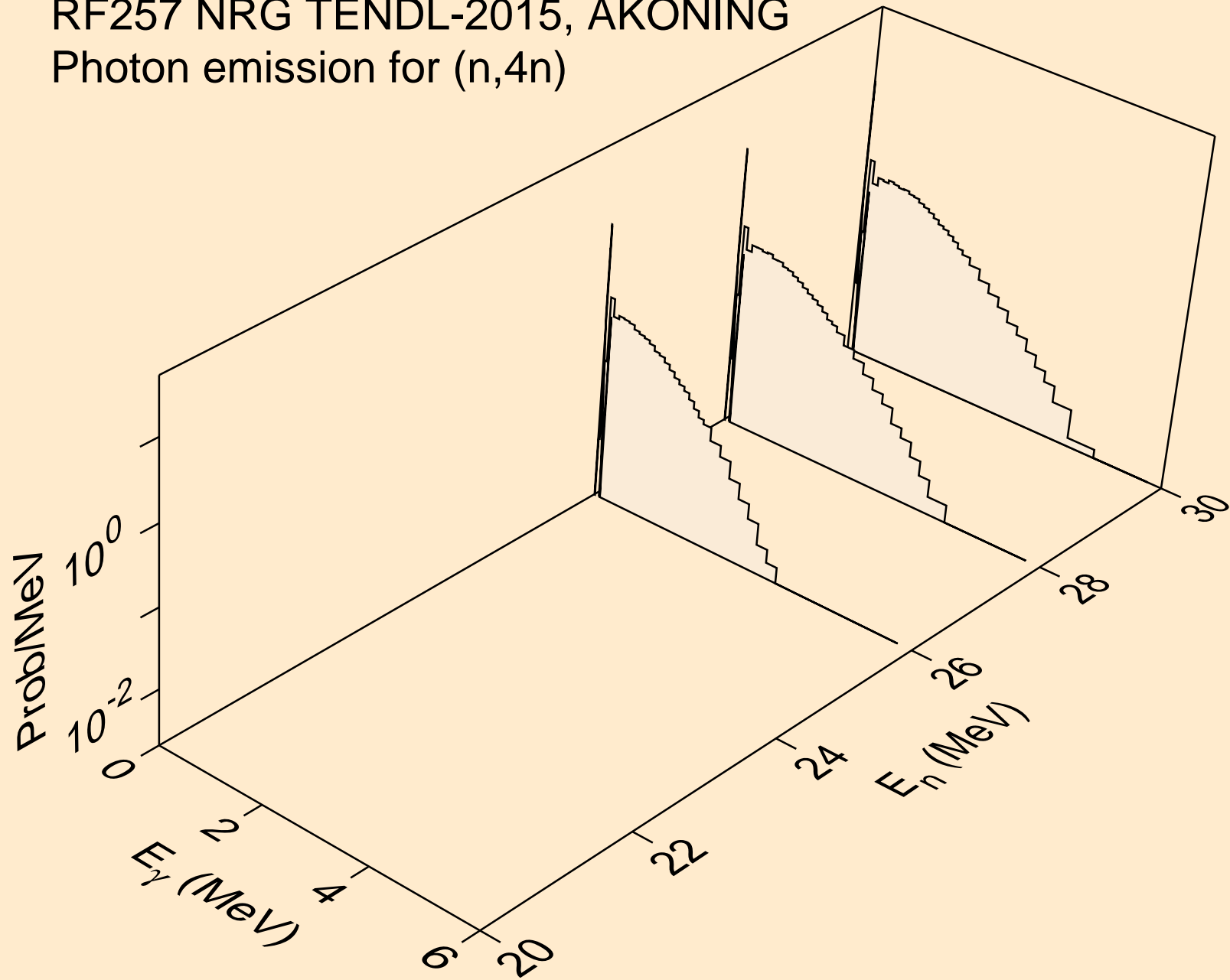
RF257 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d2a



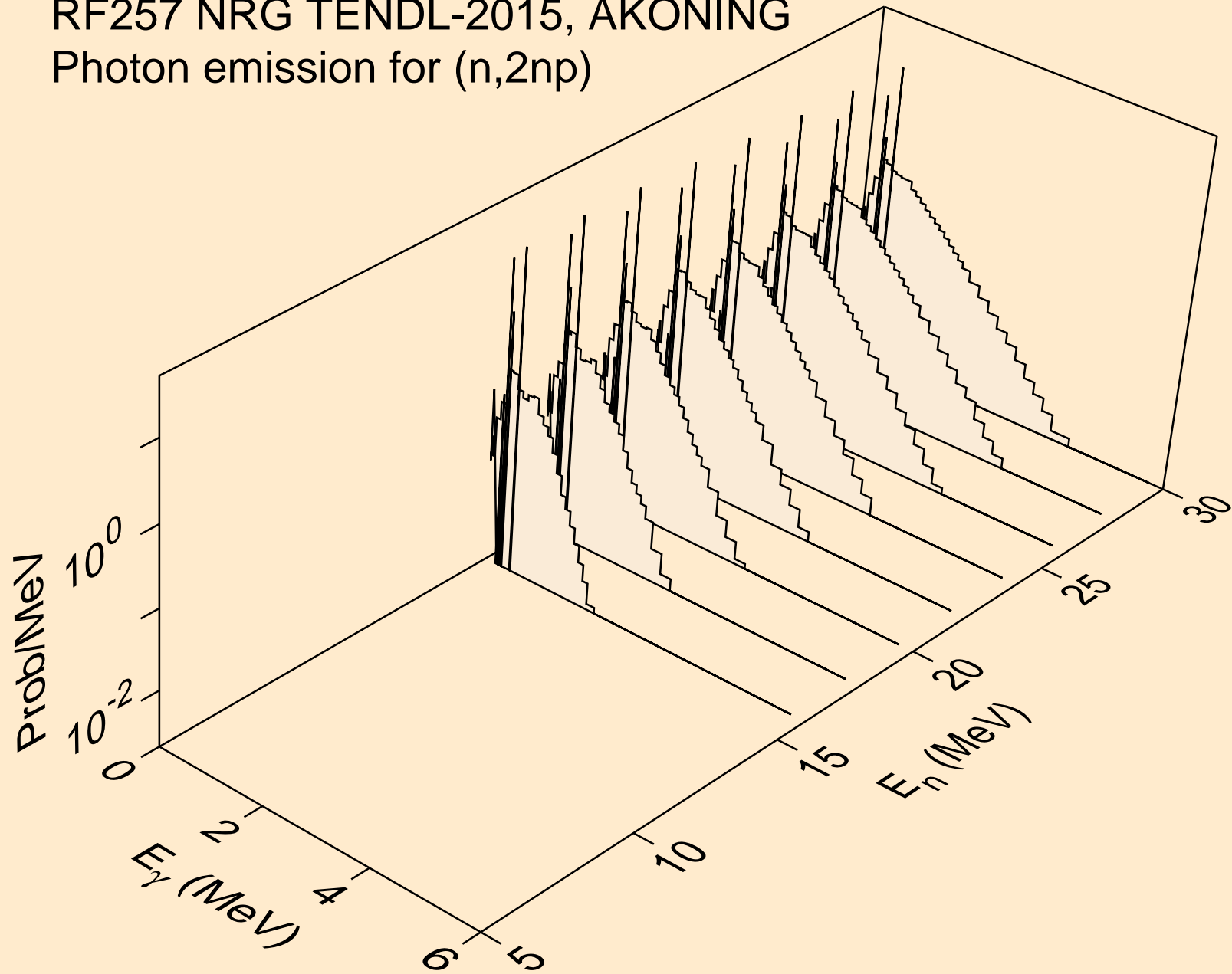
RF257 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t2a



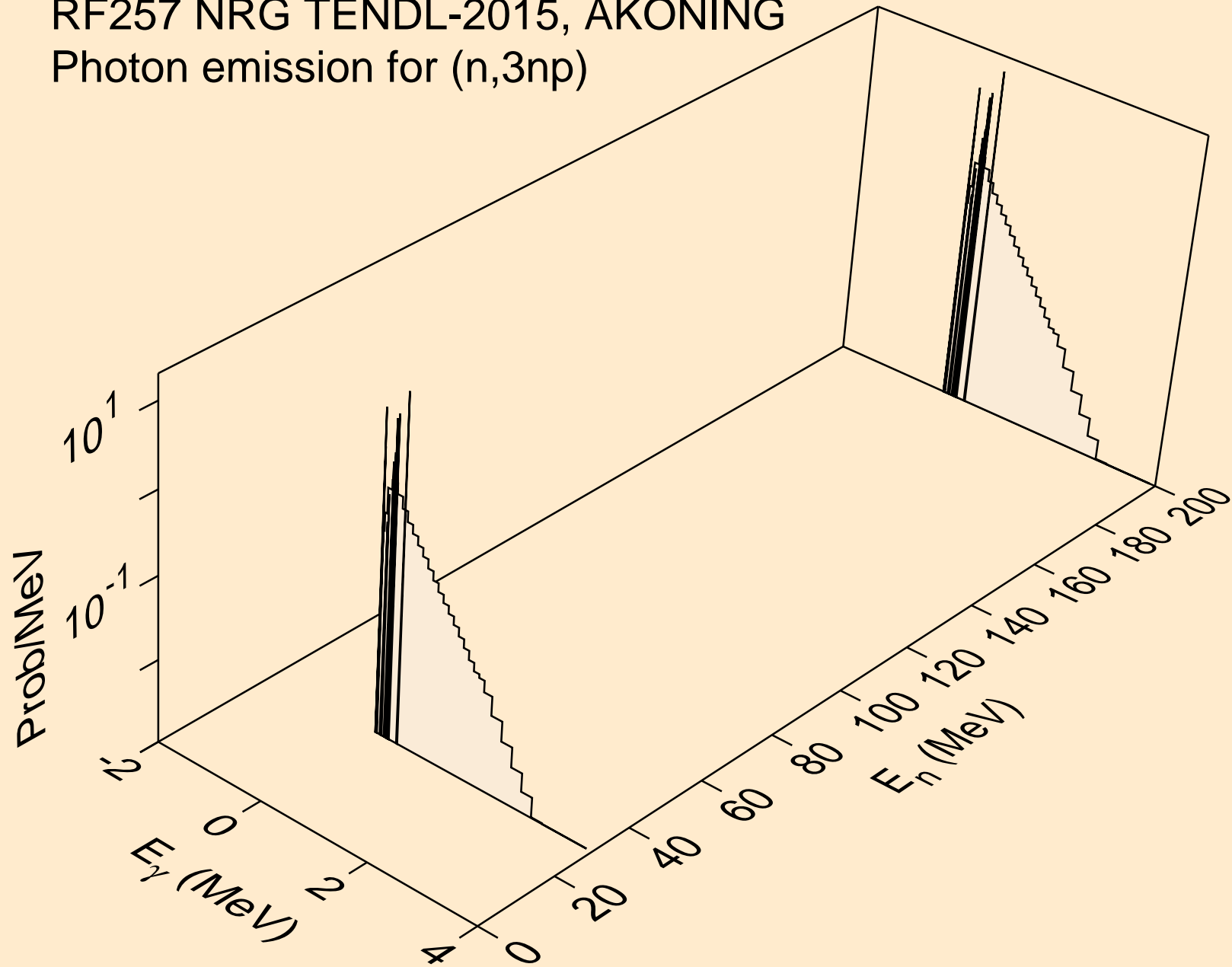
RF257 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



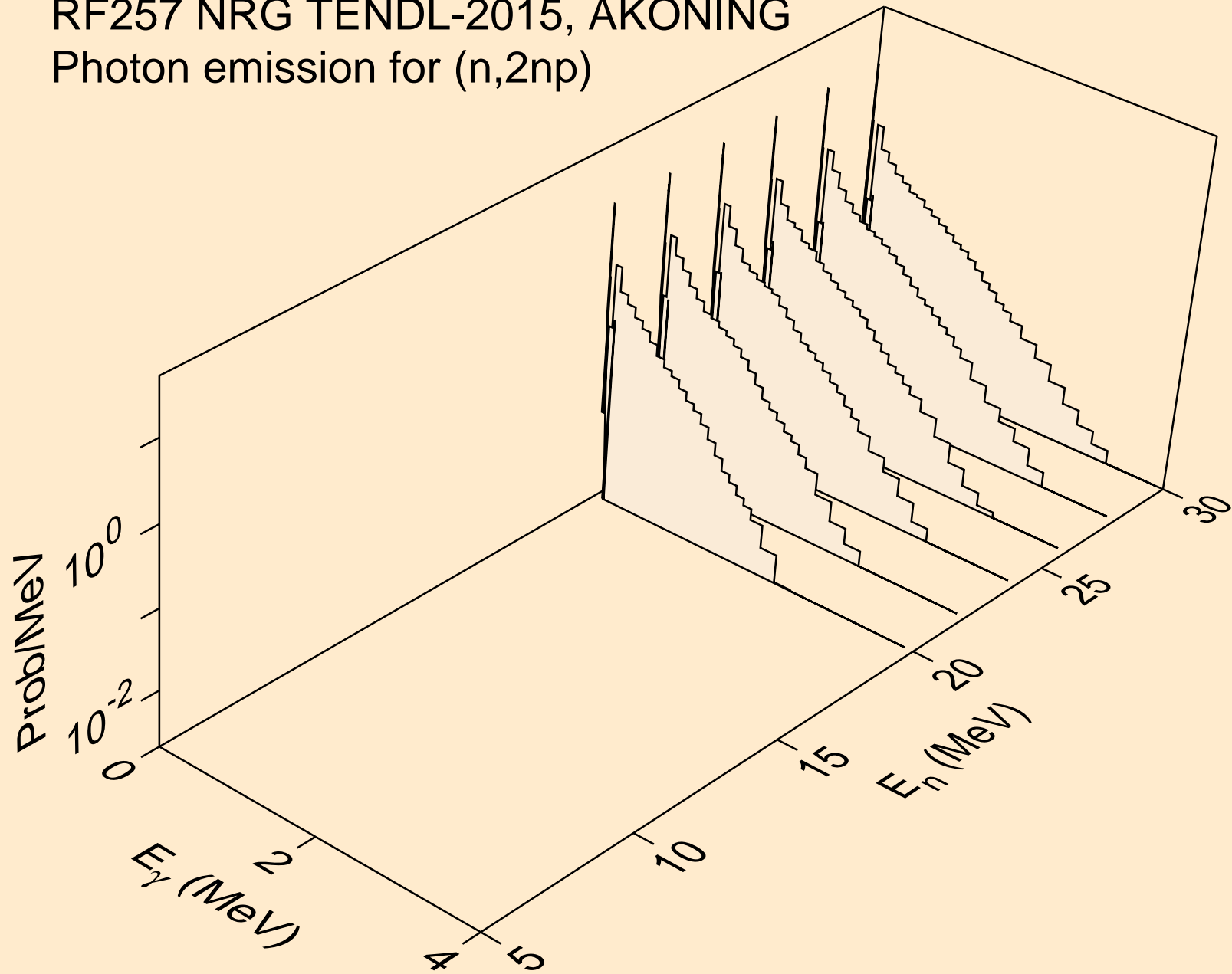
RF257 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



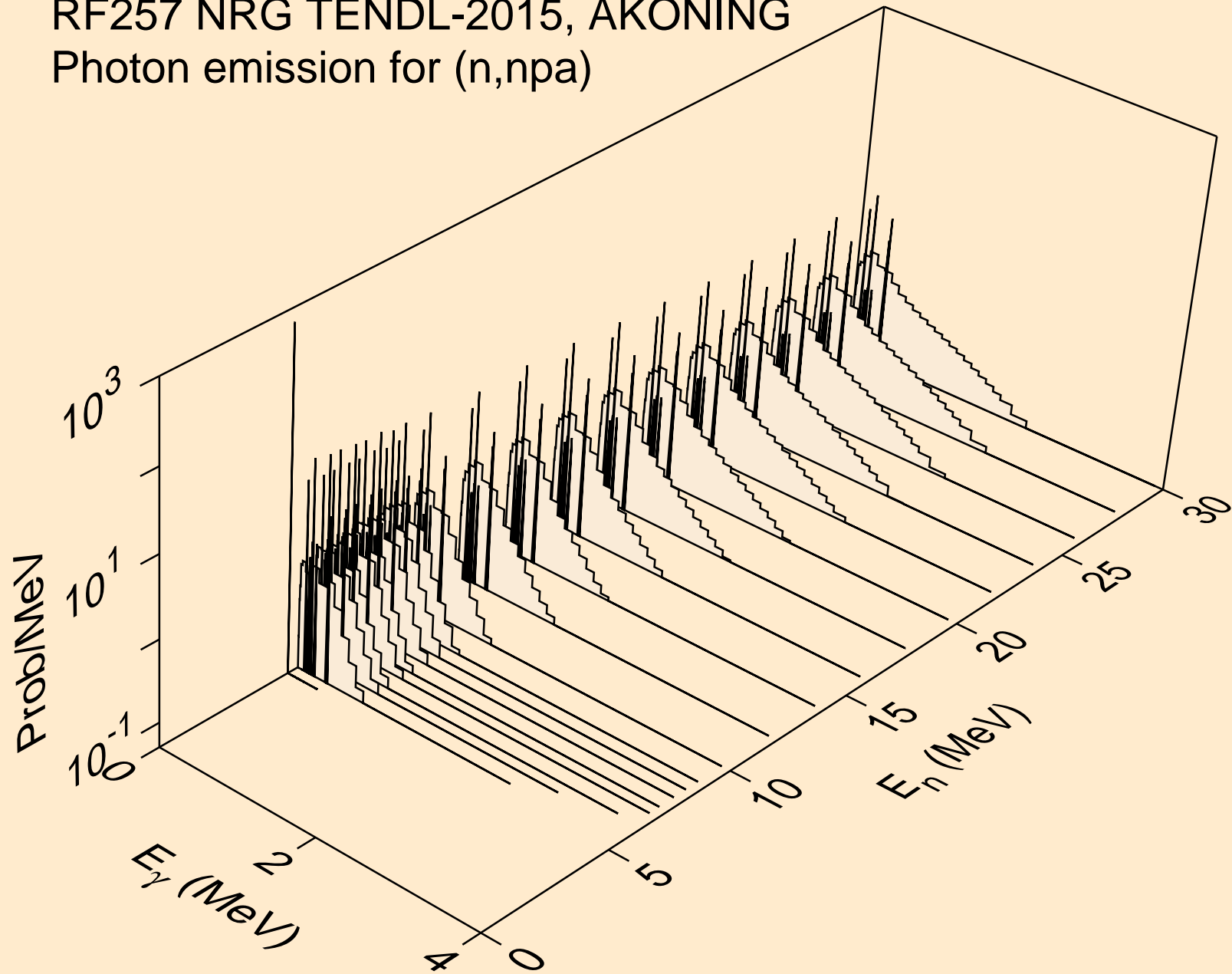
RF257 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



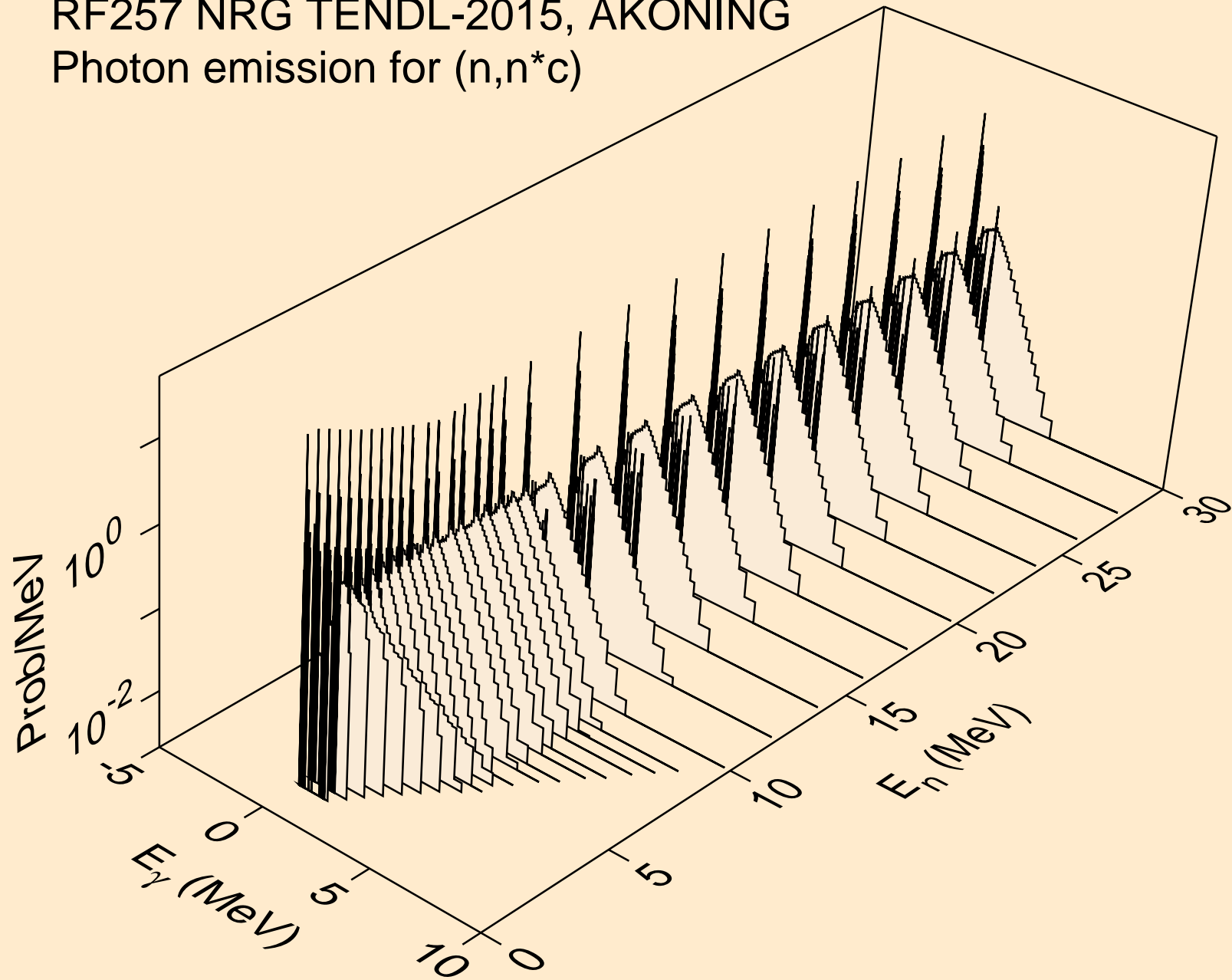
RF257 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



RF257 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

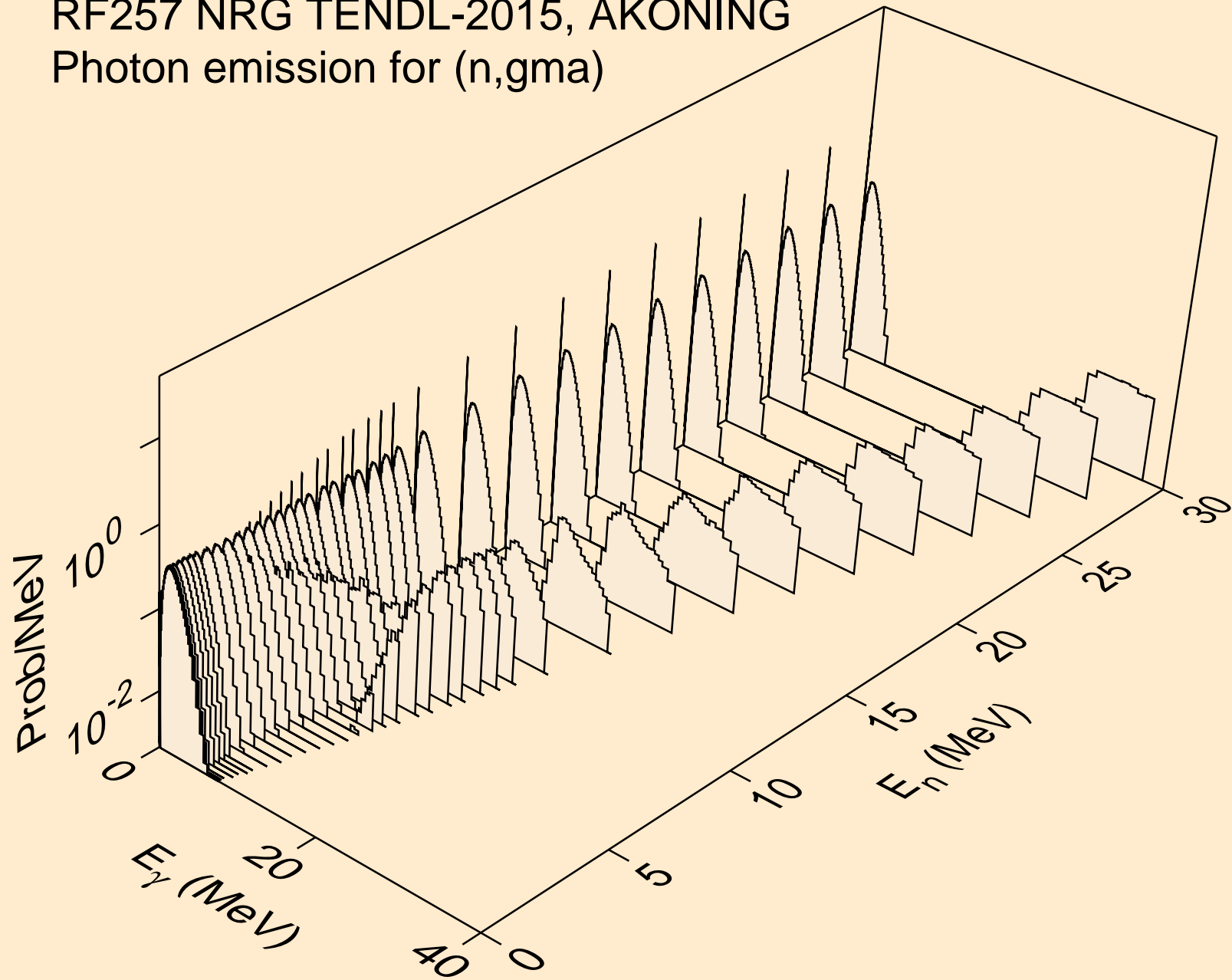


RF257 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

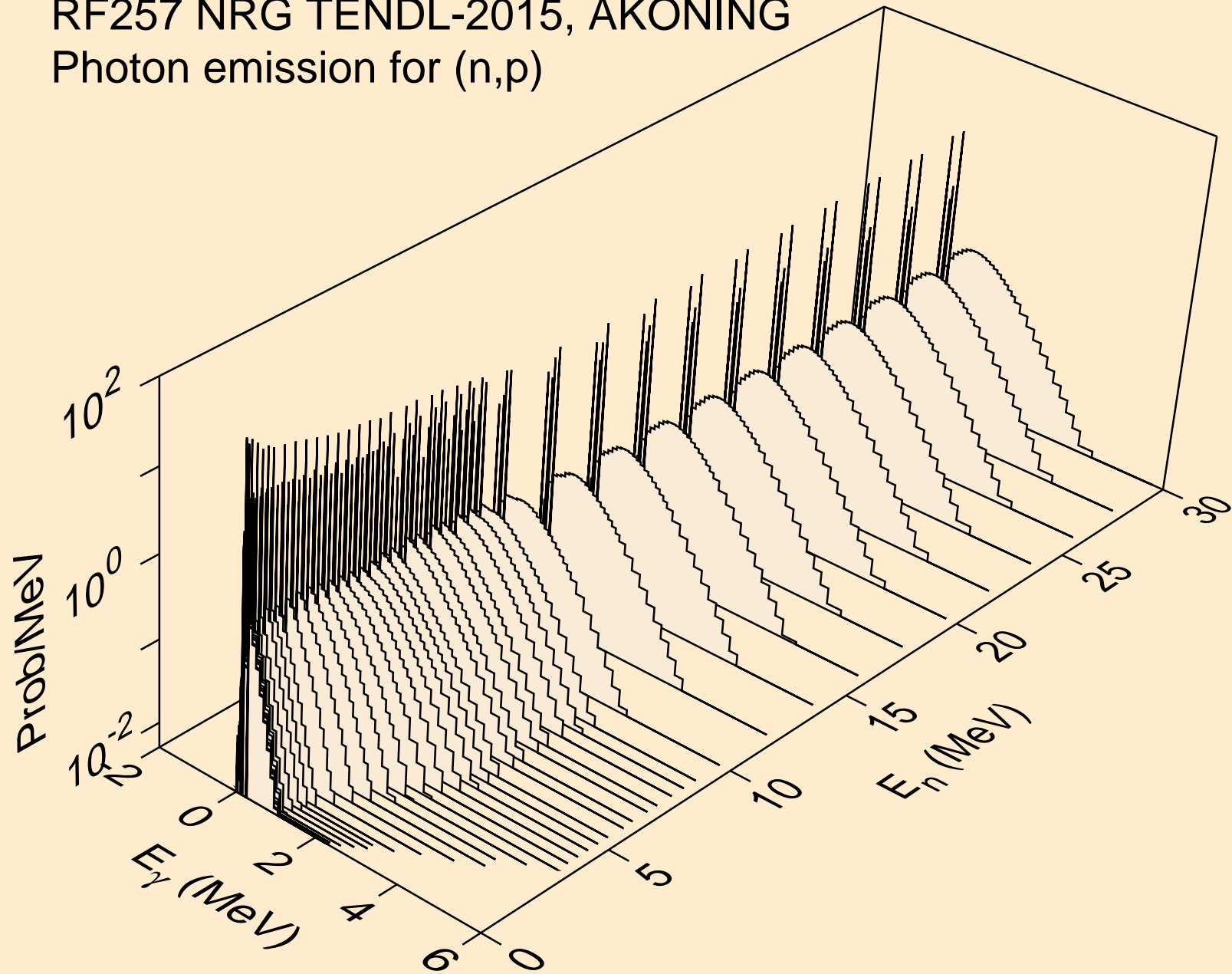




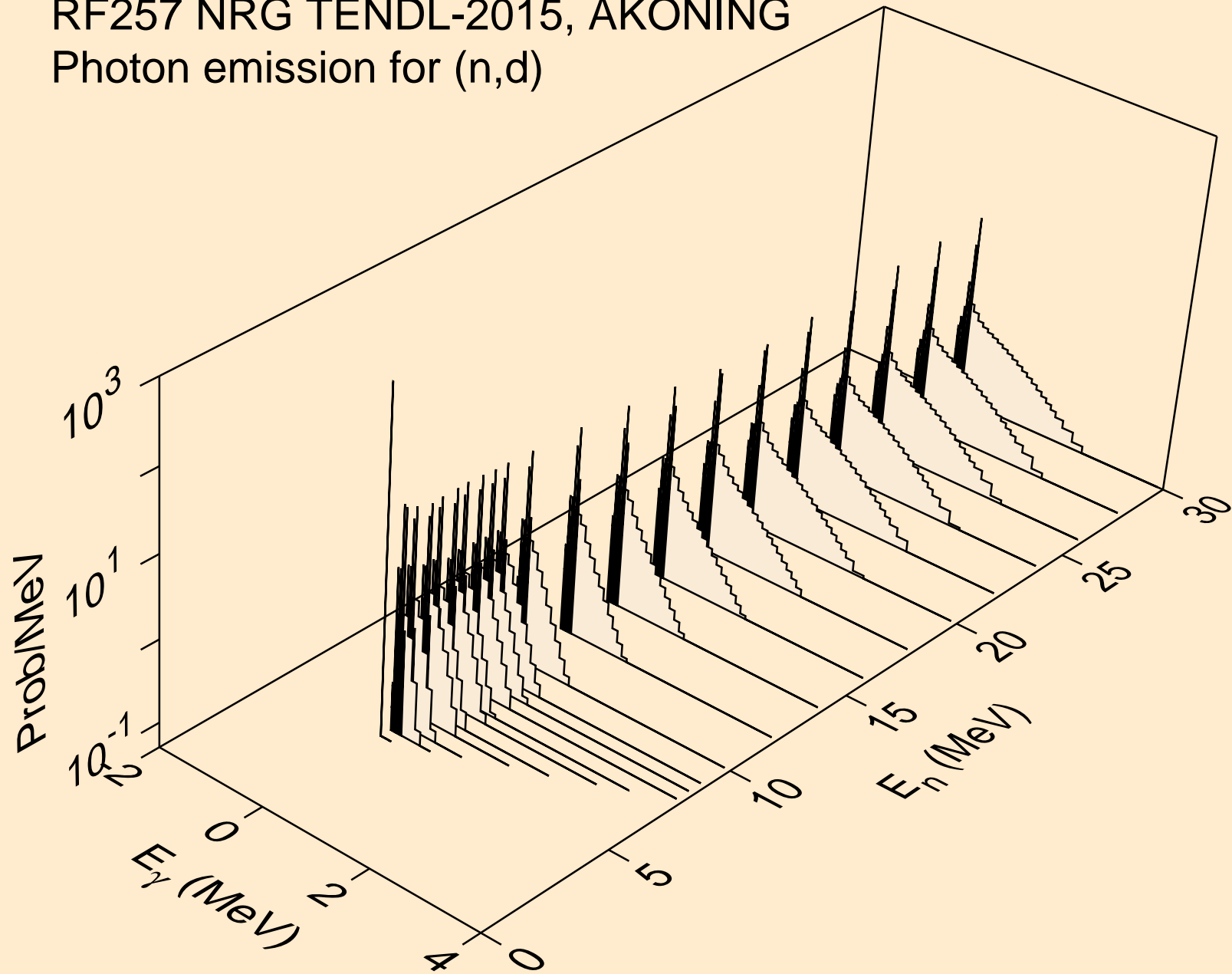
RF257 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



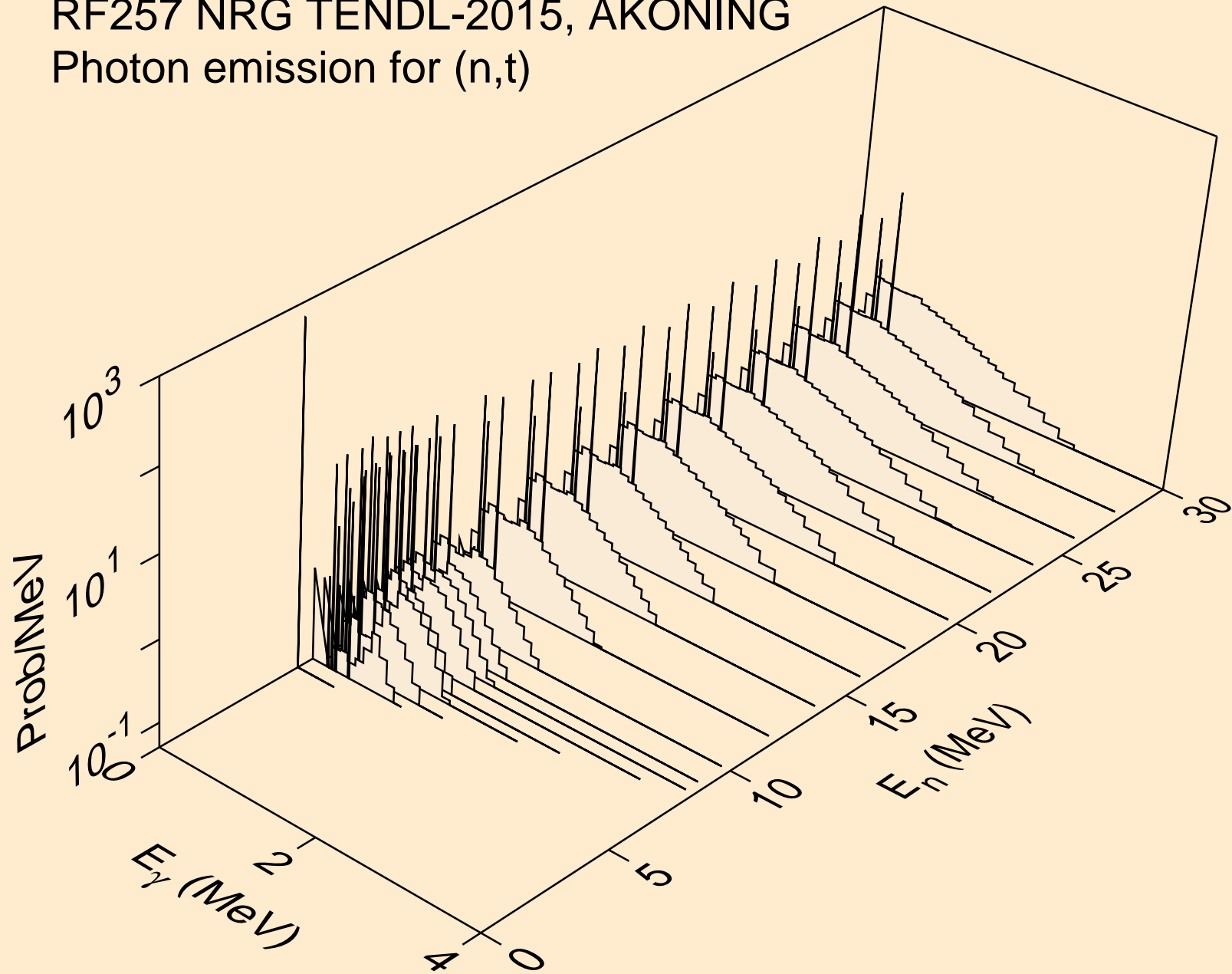
RF257 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



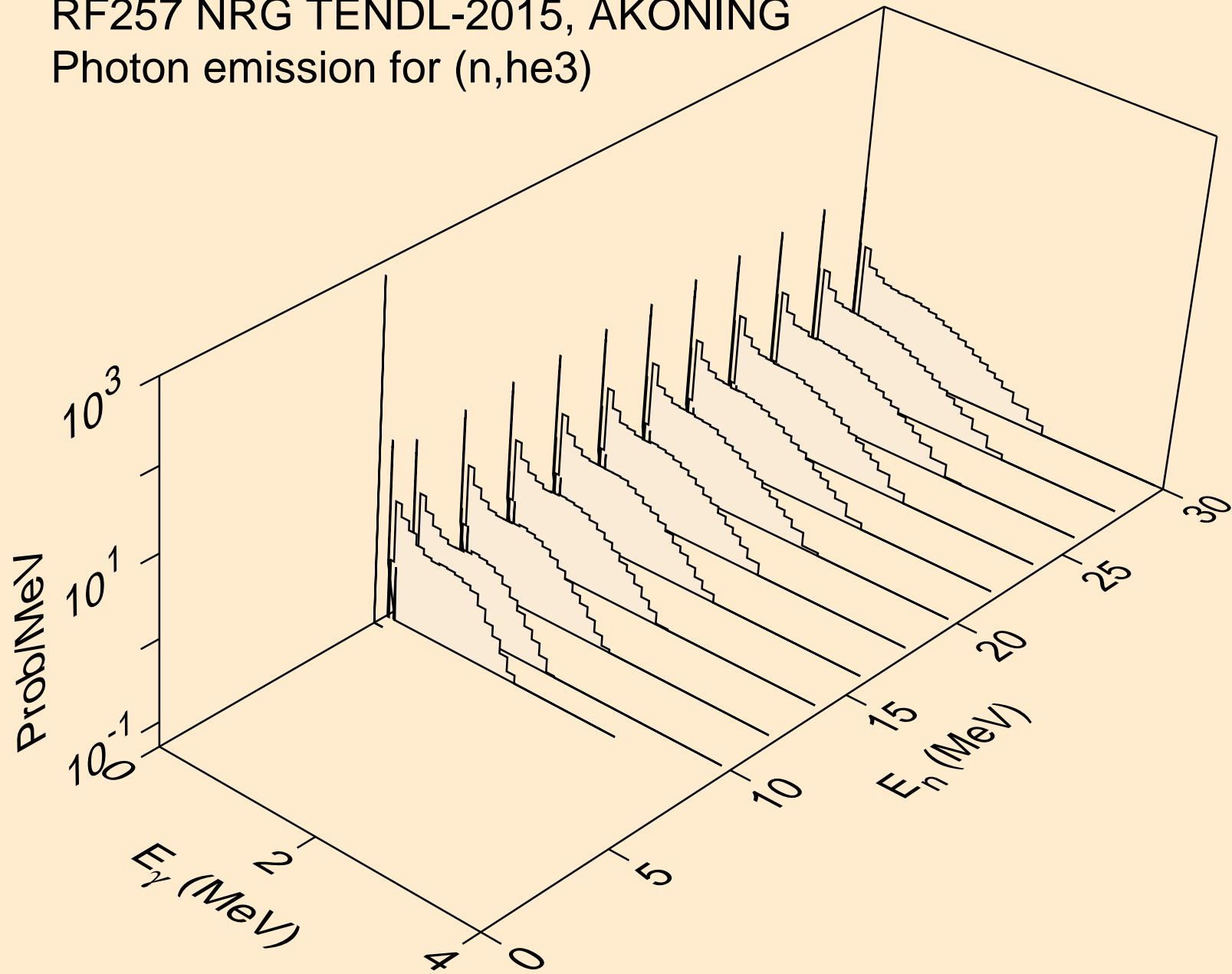
RF257 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



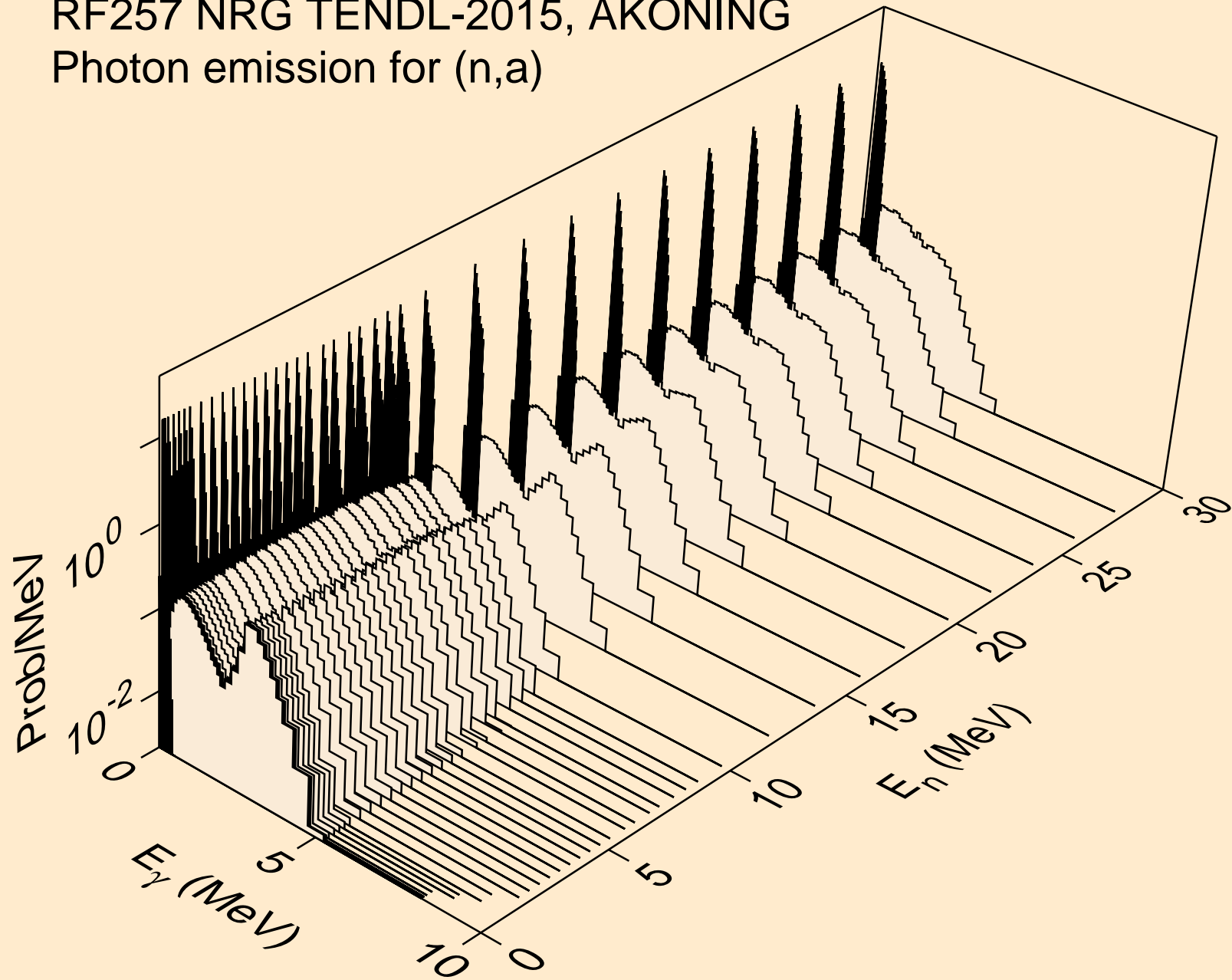
RF257 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



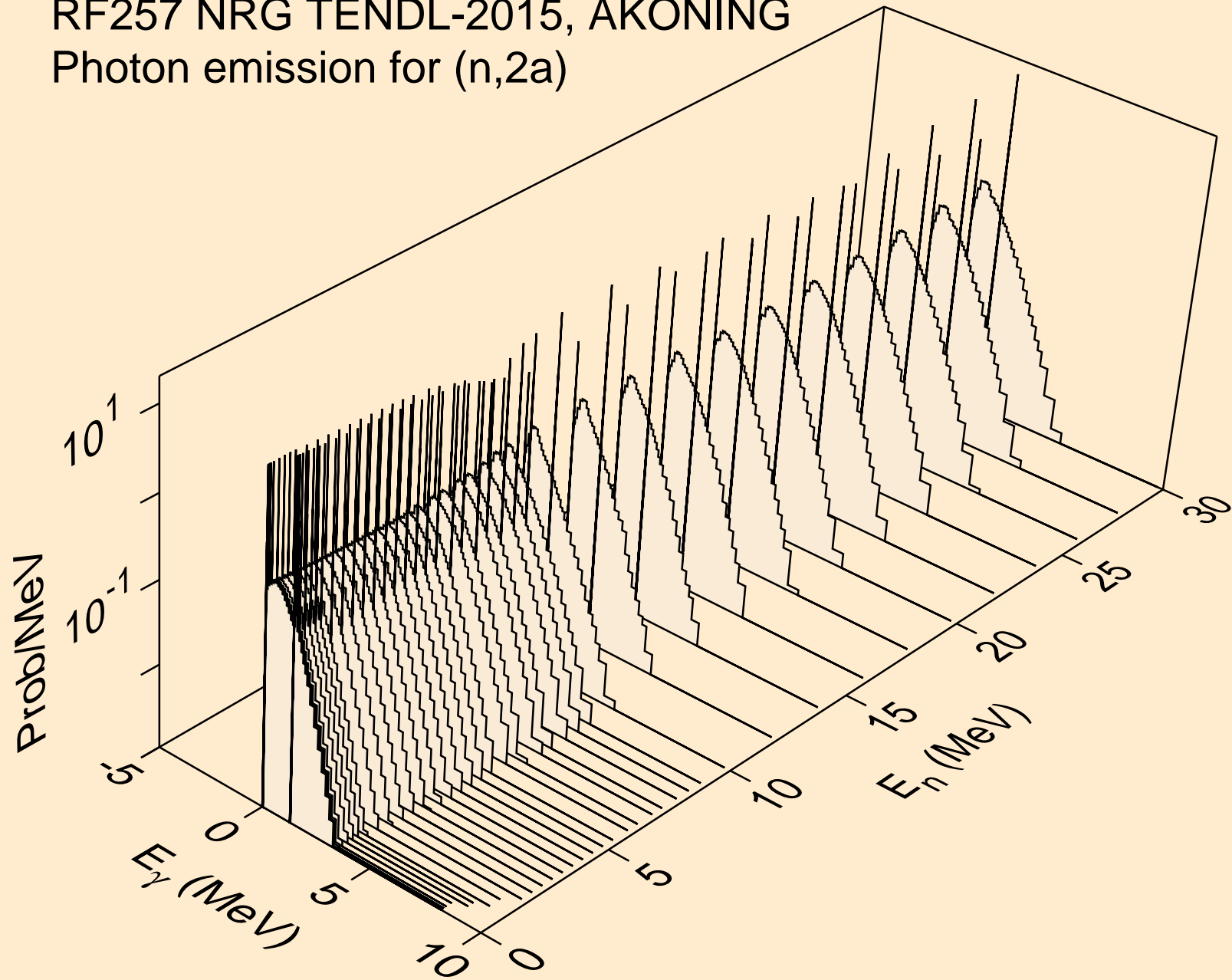
RF257 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



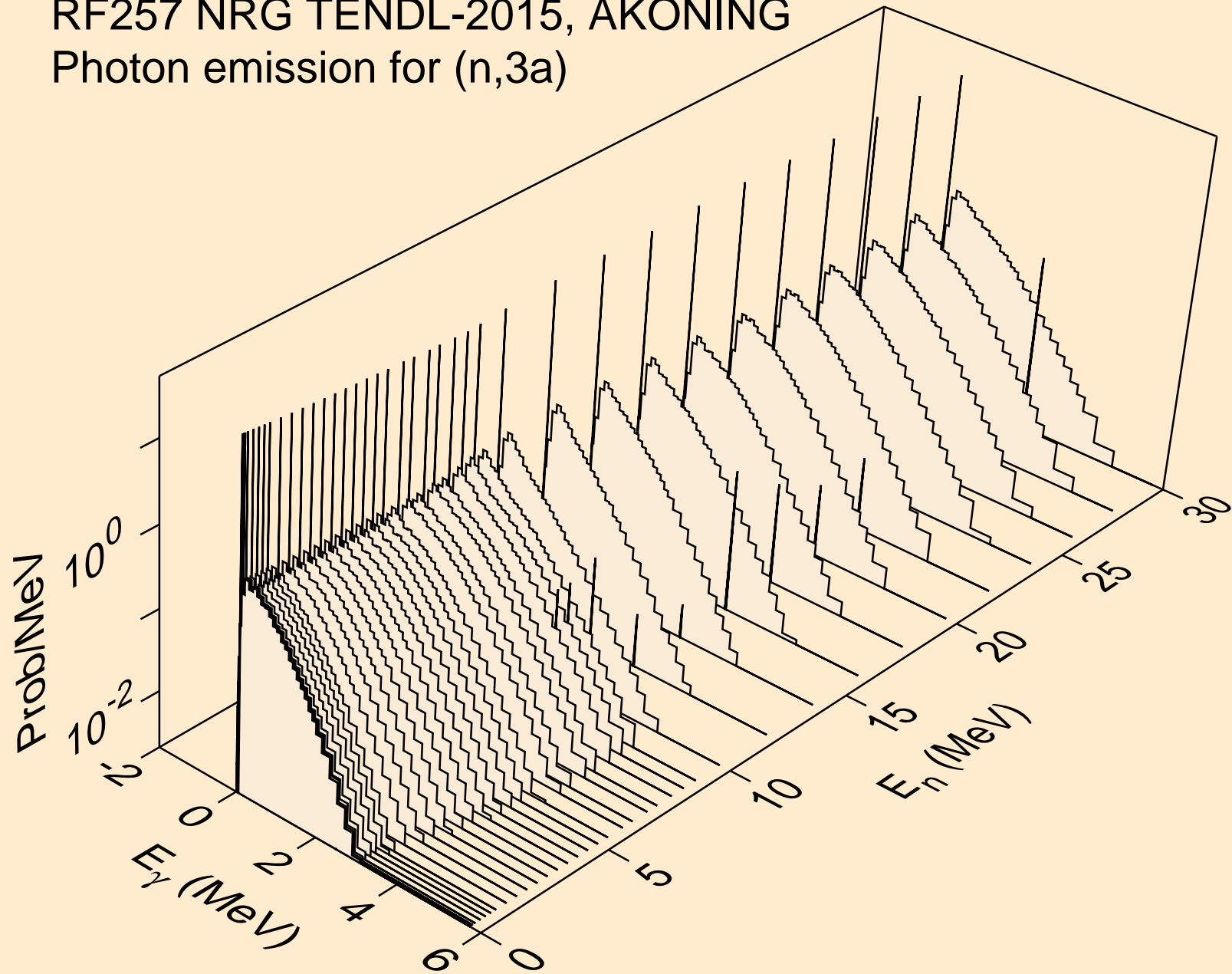
RF257 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



RF257 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

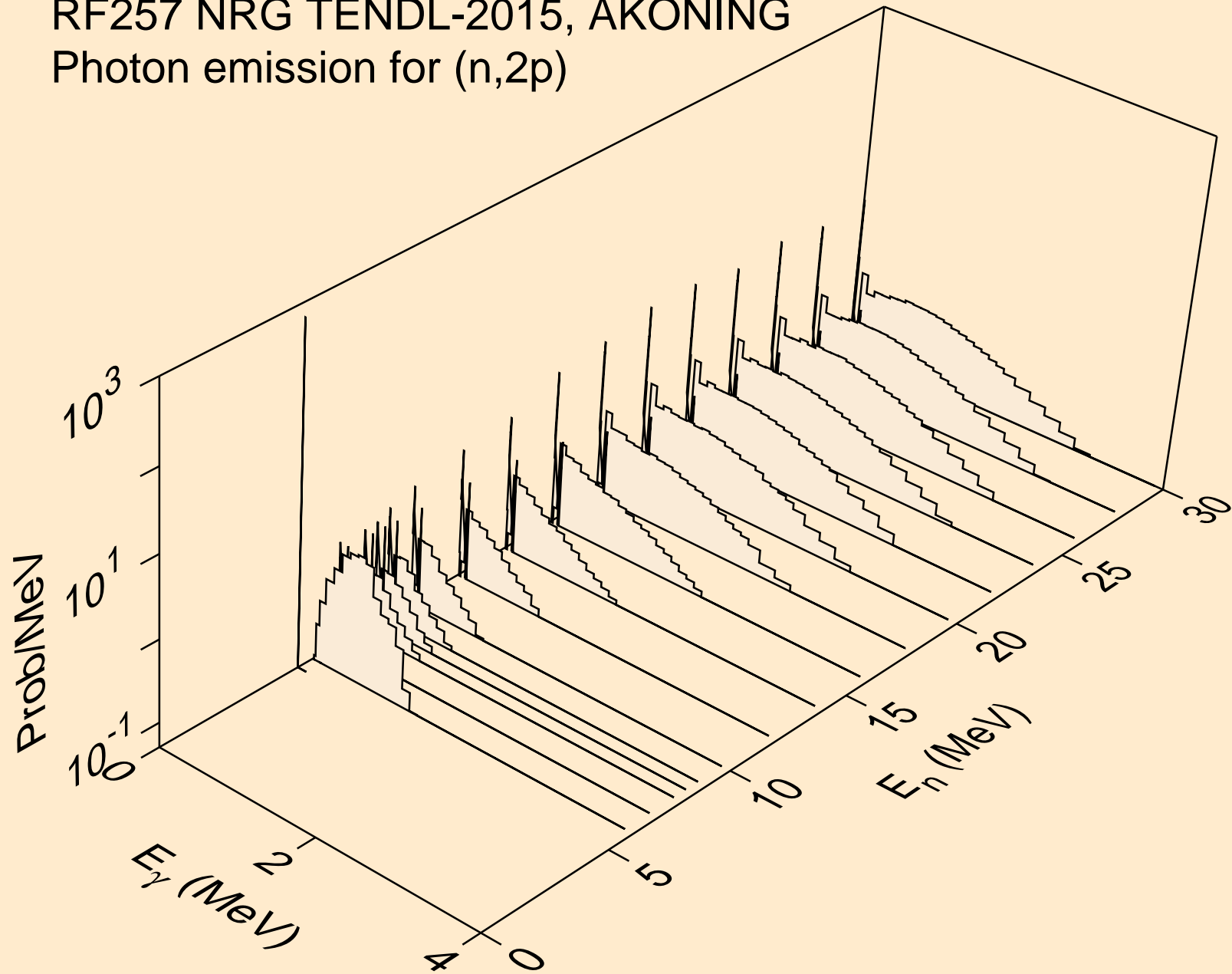


RF257 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)

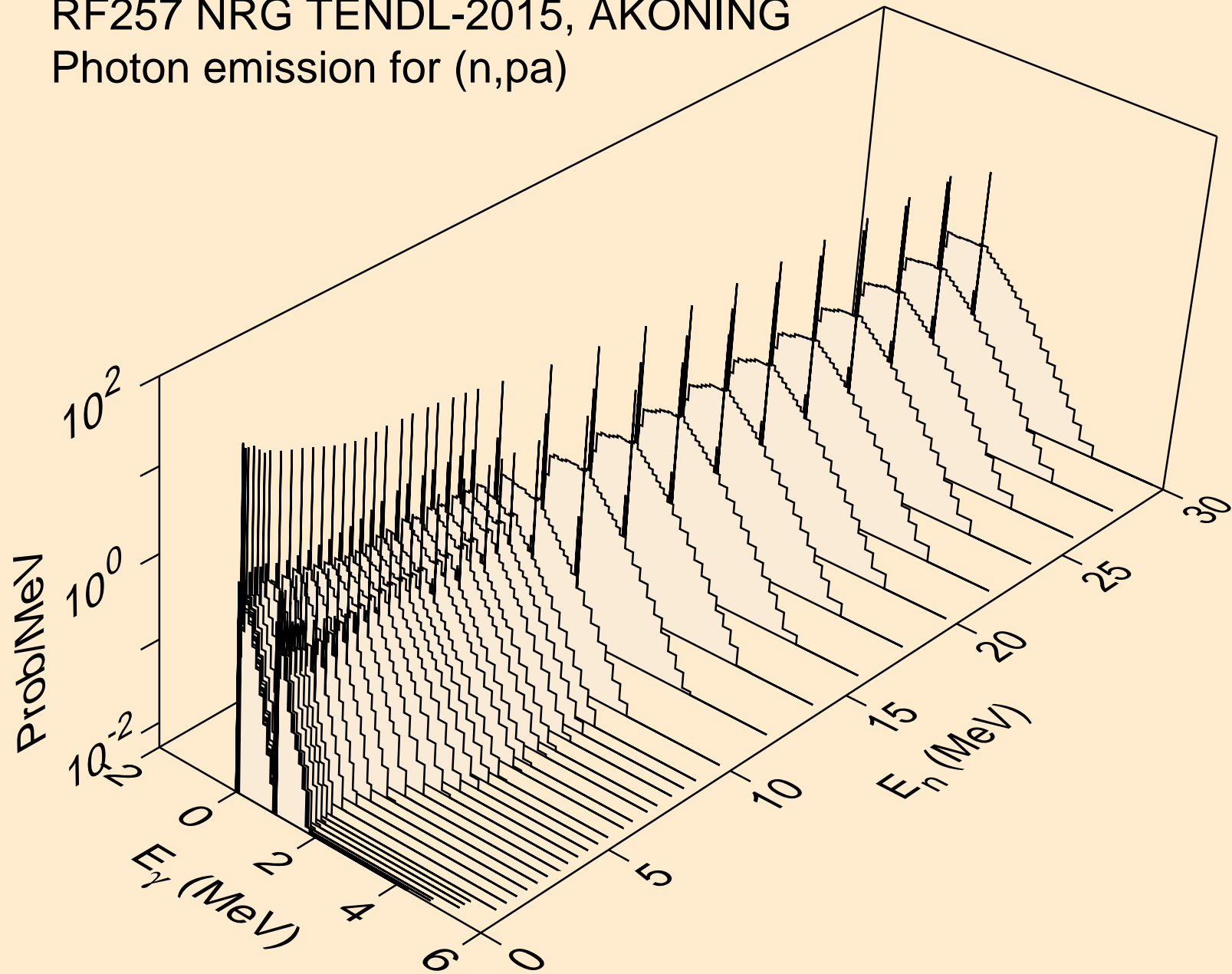




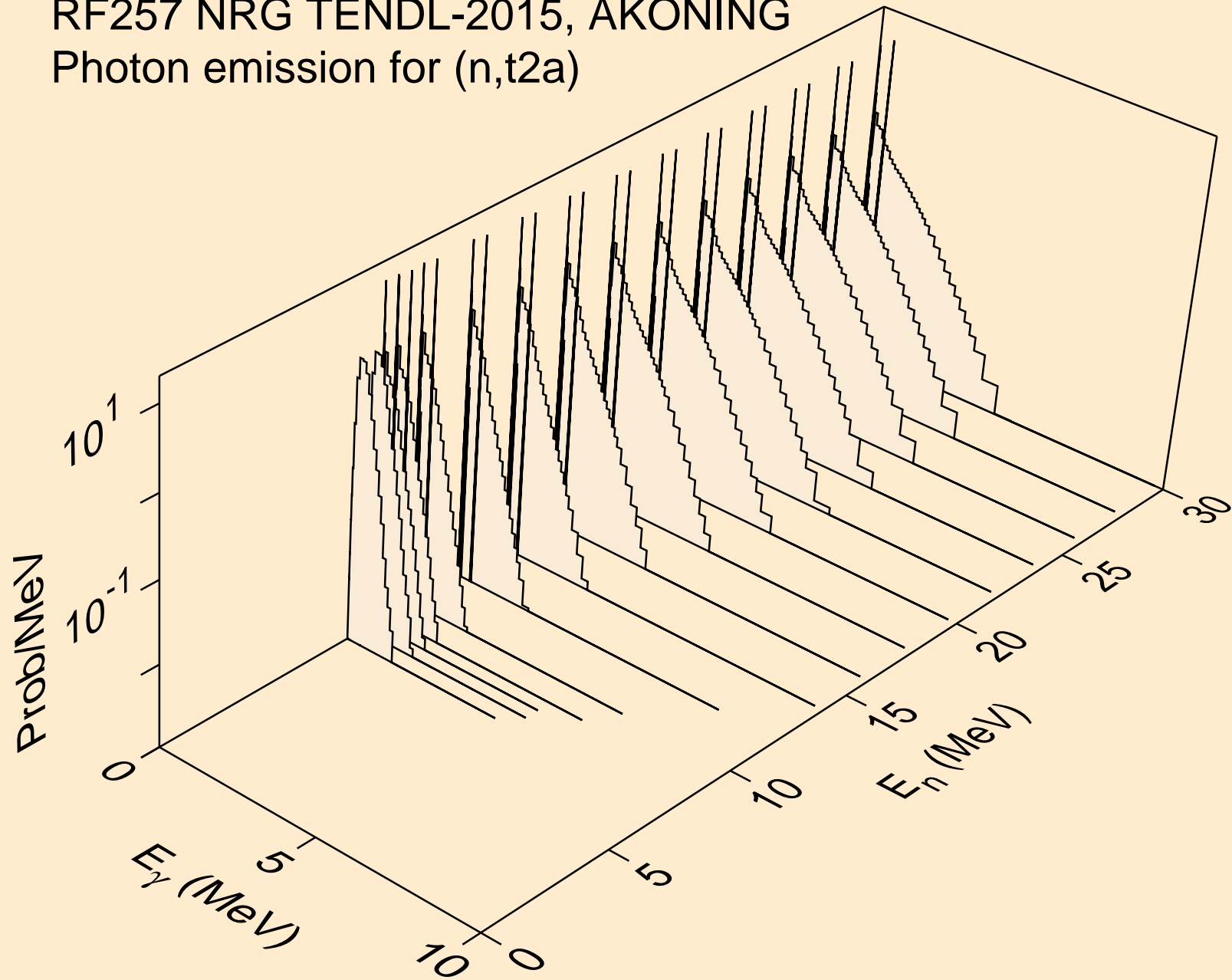
RF257 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



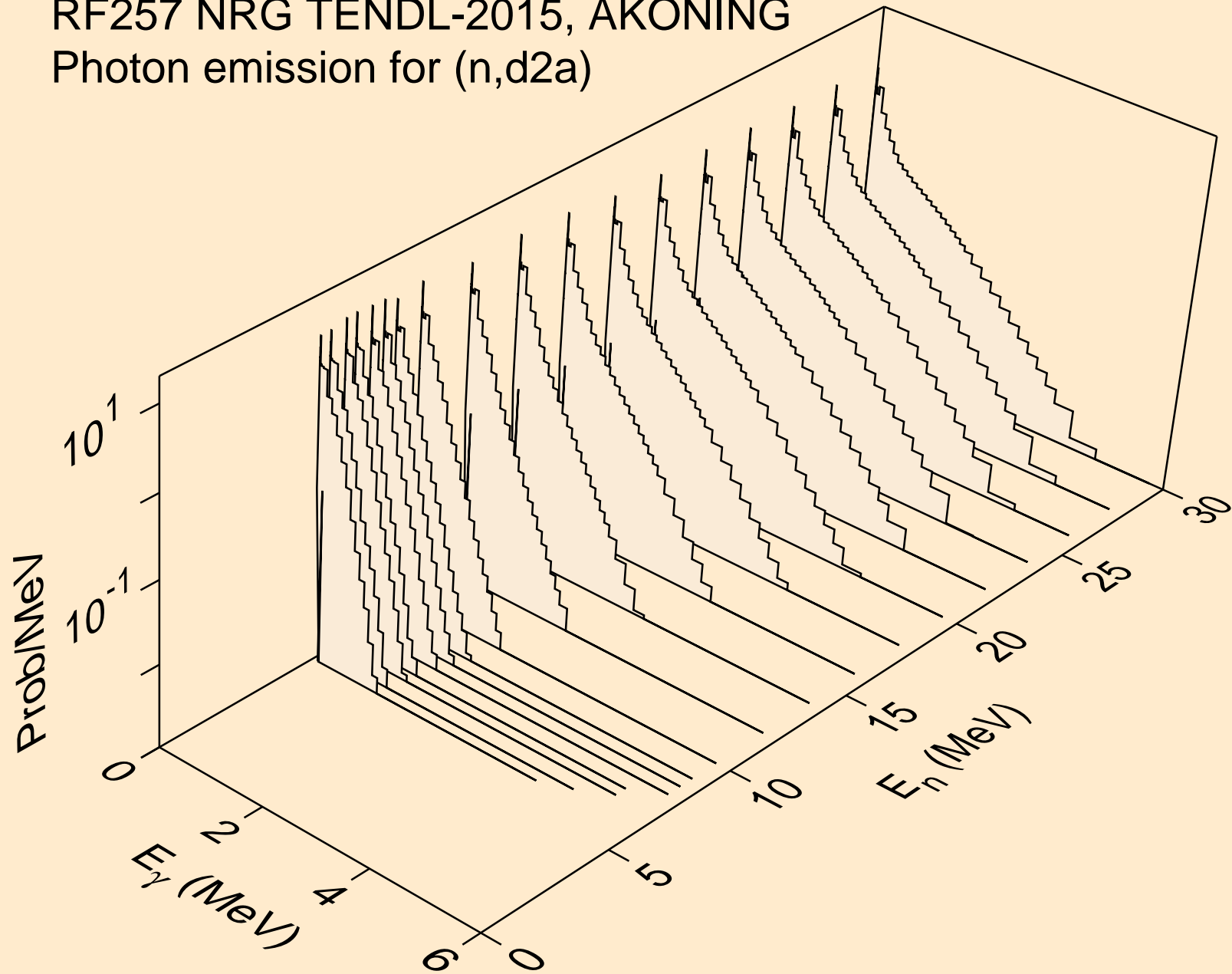
RF257 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



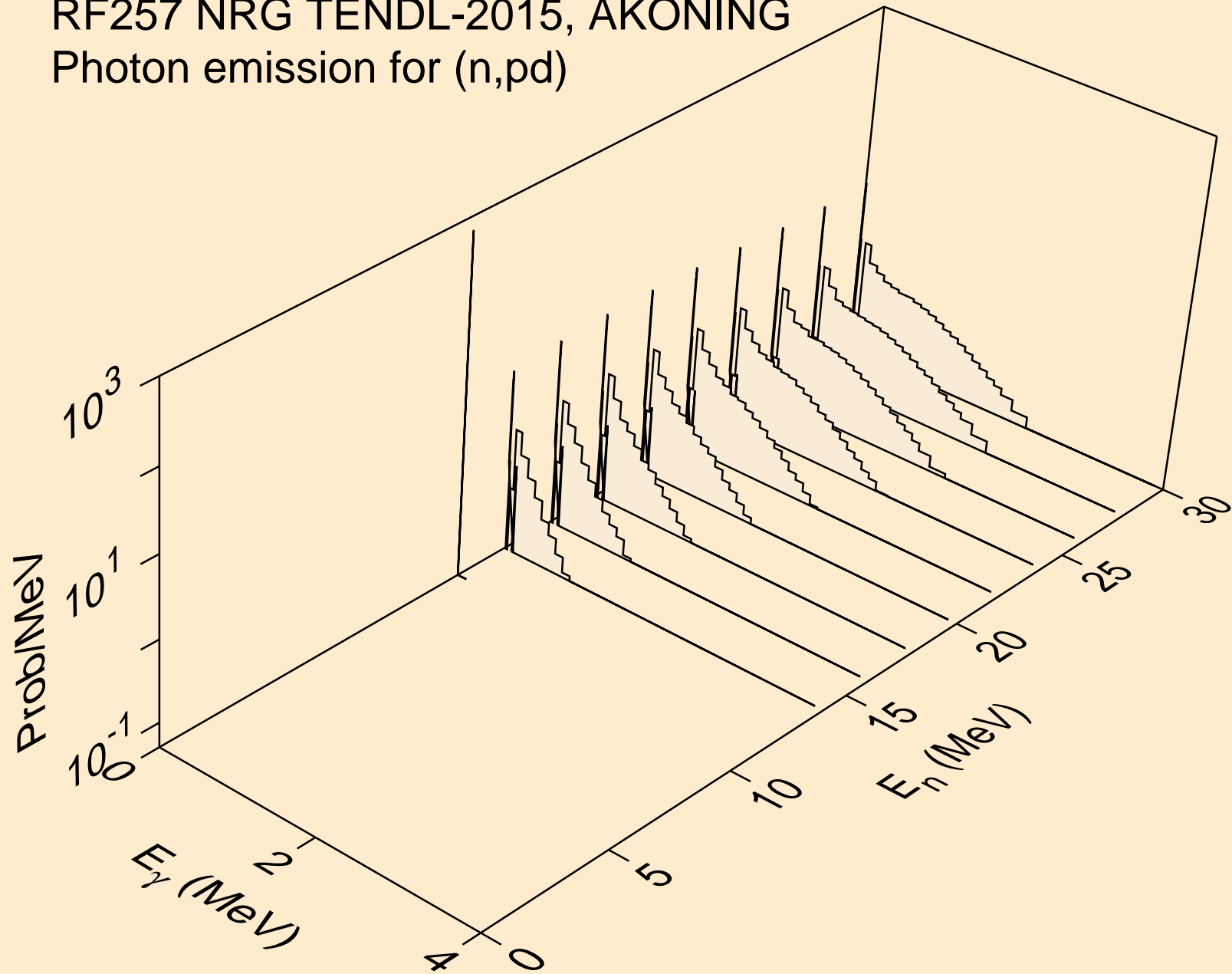
RF257 NRG TENDL-2015, AKONING  
Photon emission for (n,t2a)



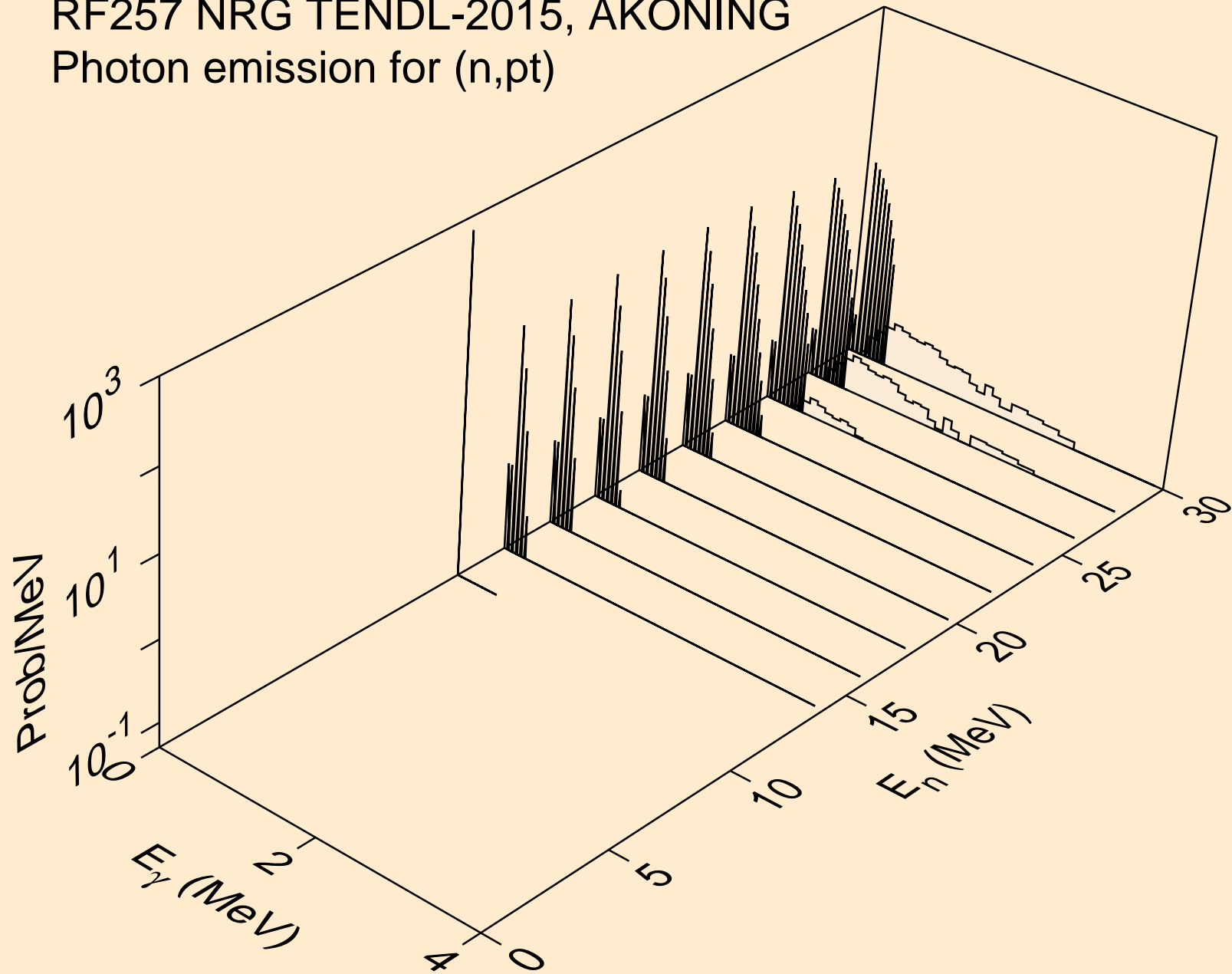
RF257 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)



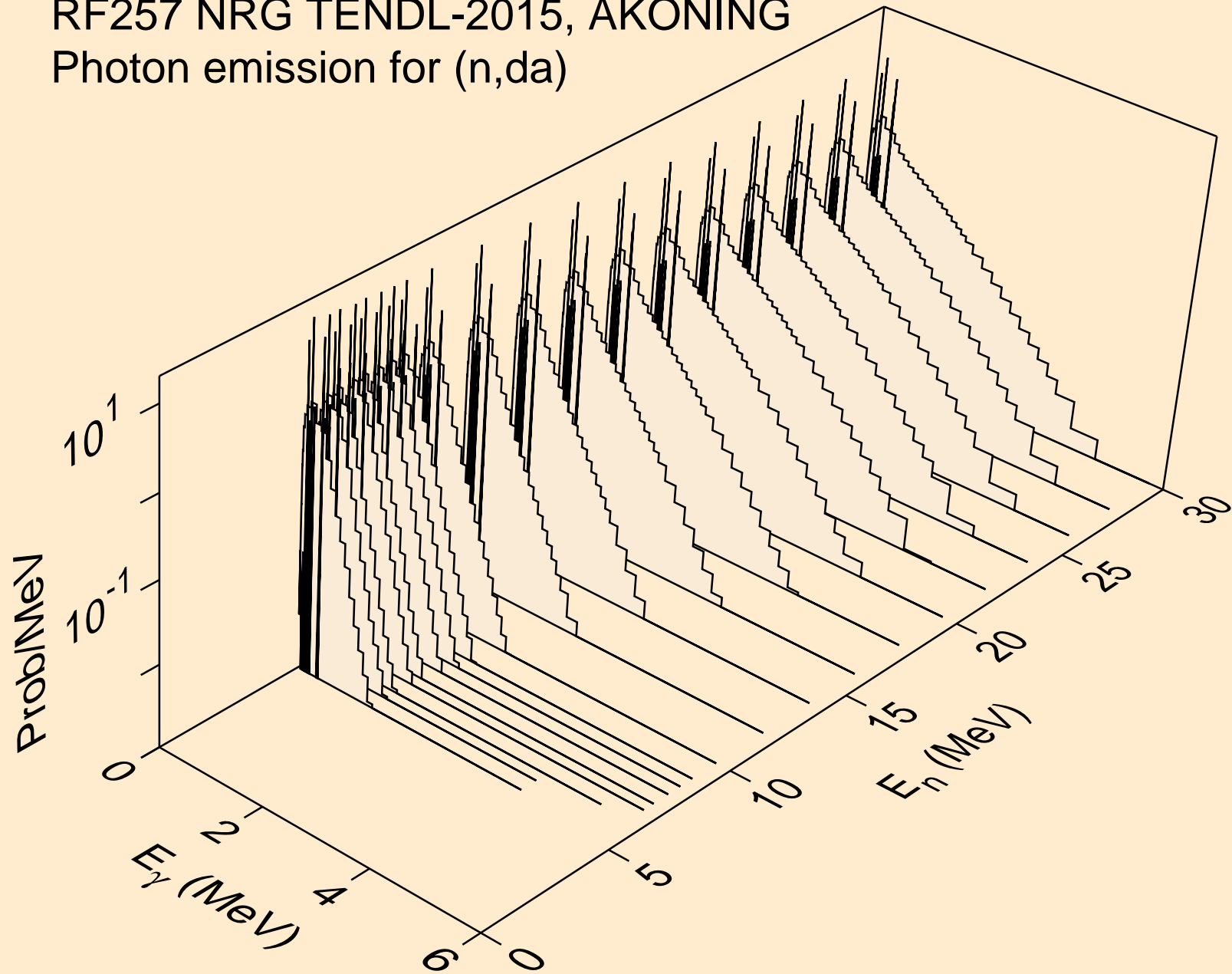
RF257 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



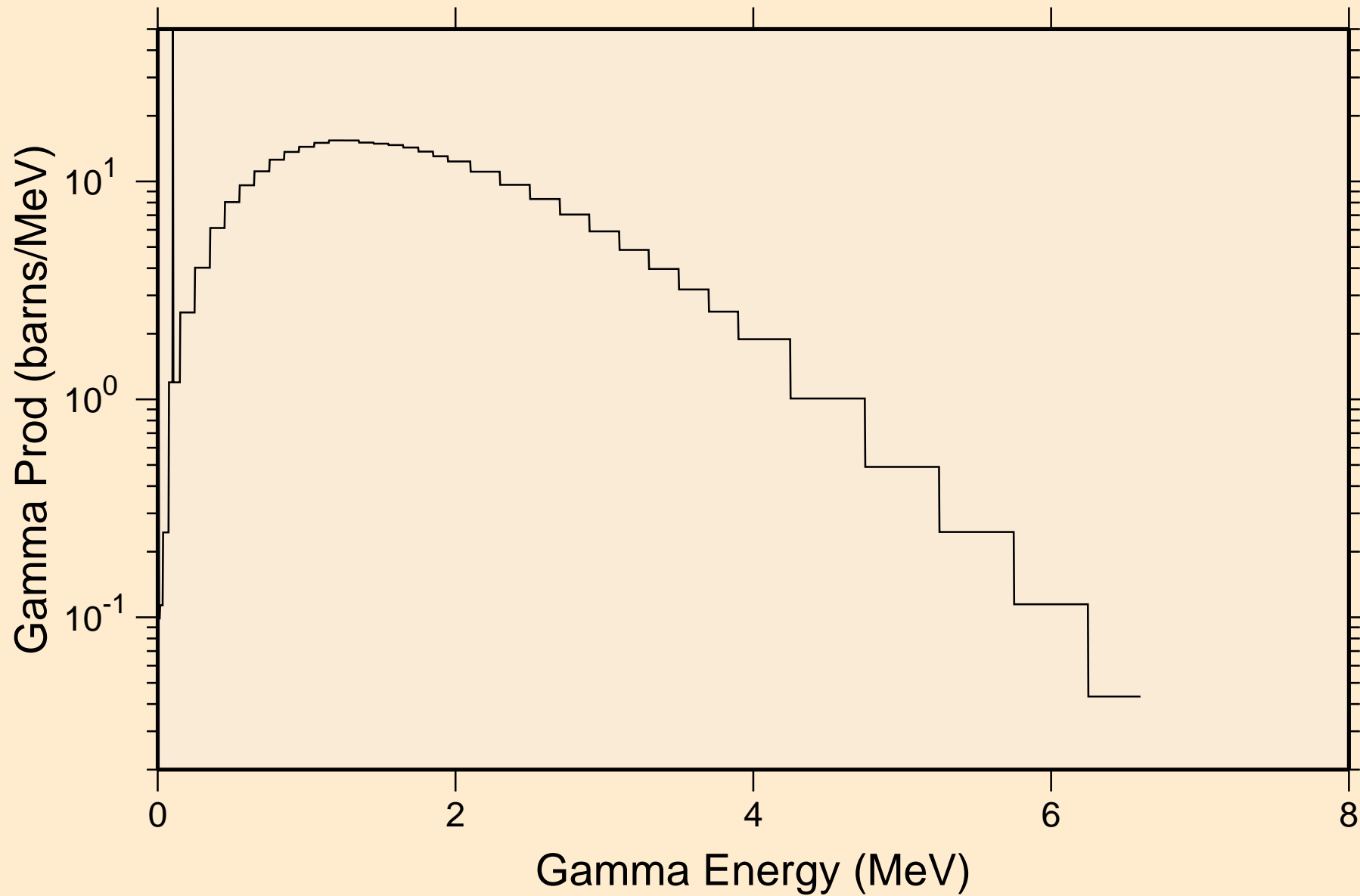
RF257 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



RF257 NRG TENDL-2015, AKONING  
Photon emission for (n,da)

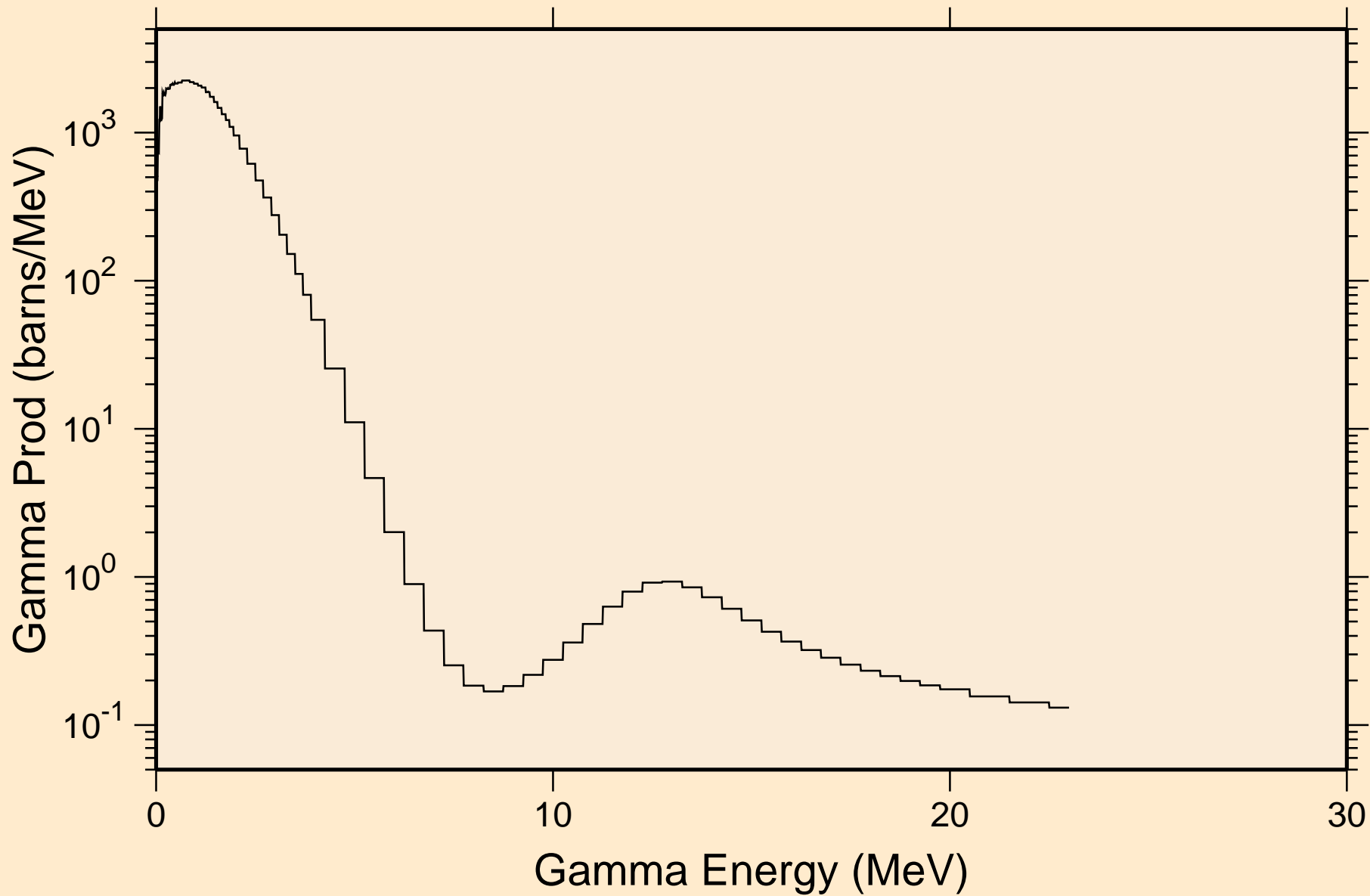


RF257 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



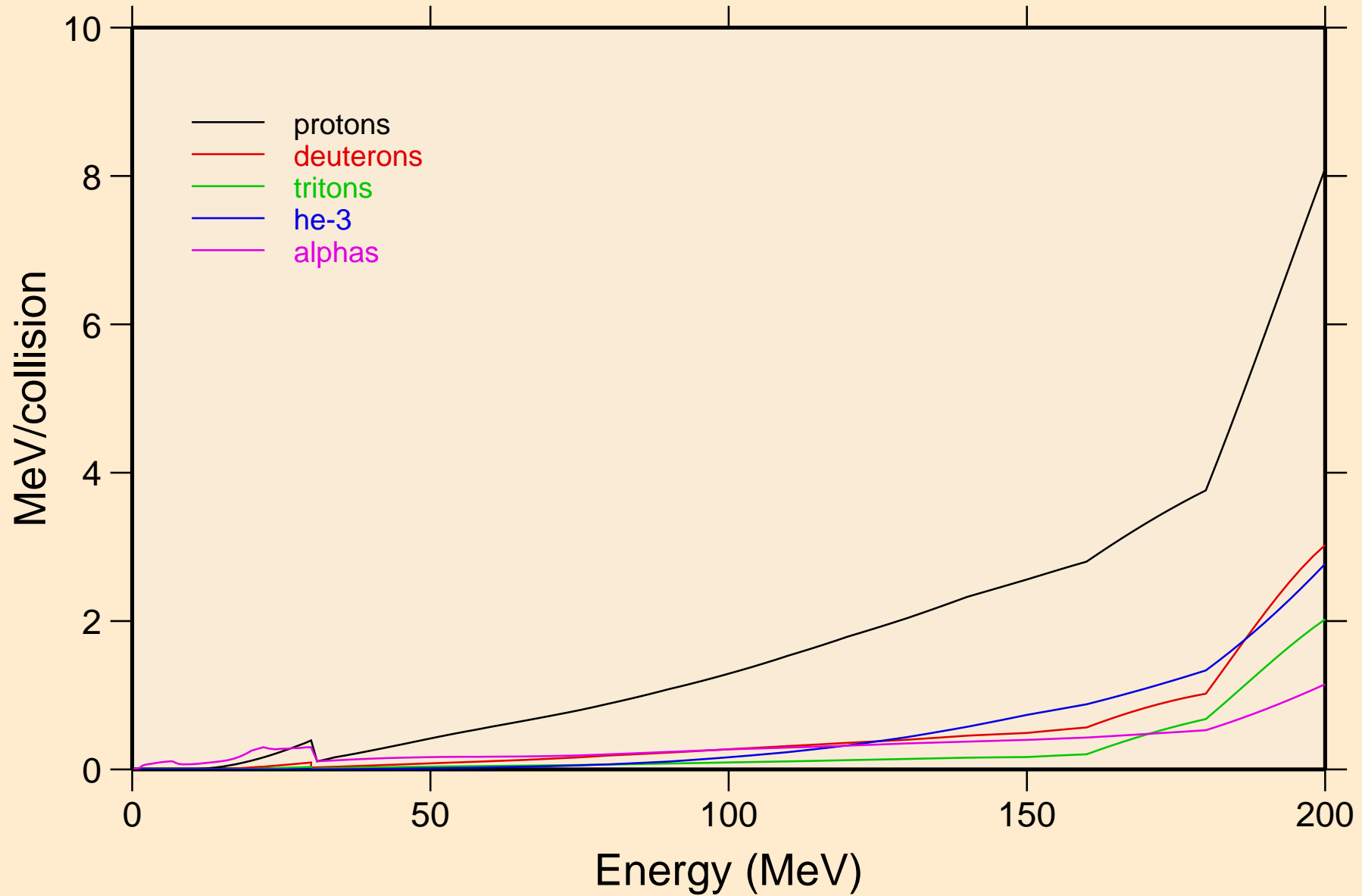


RF257 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



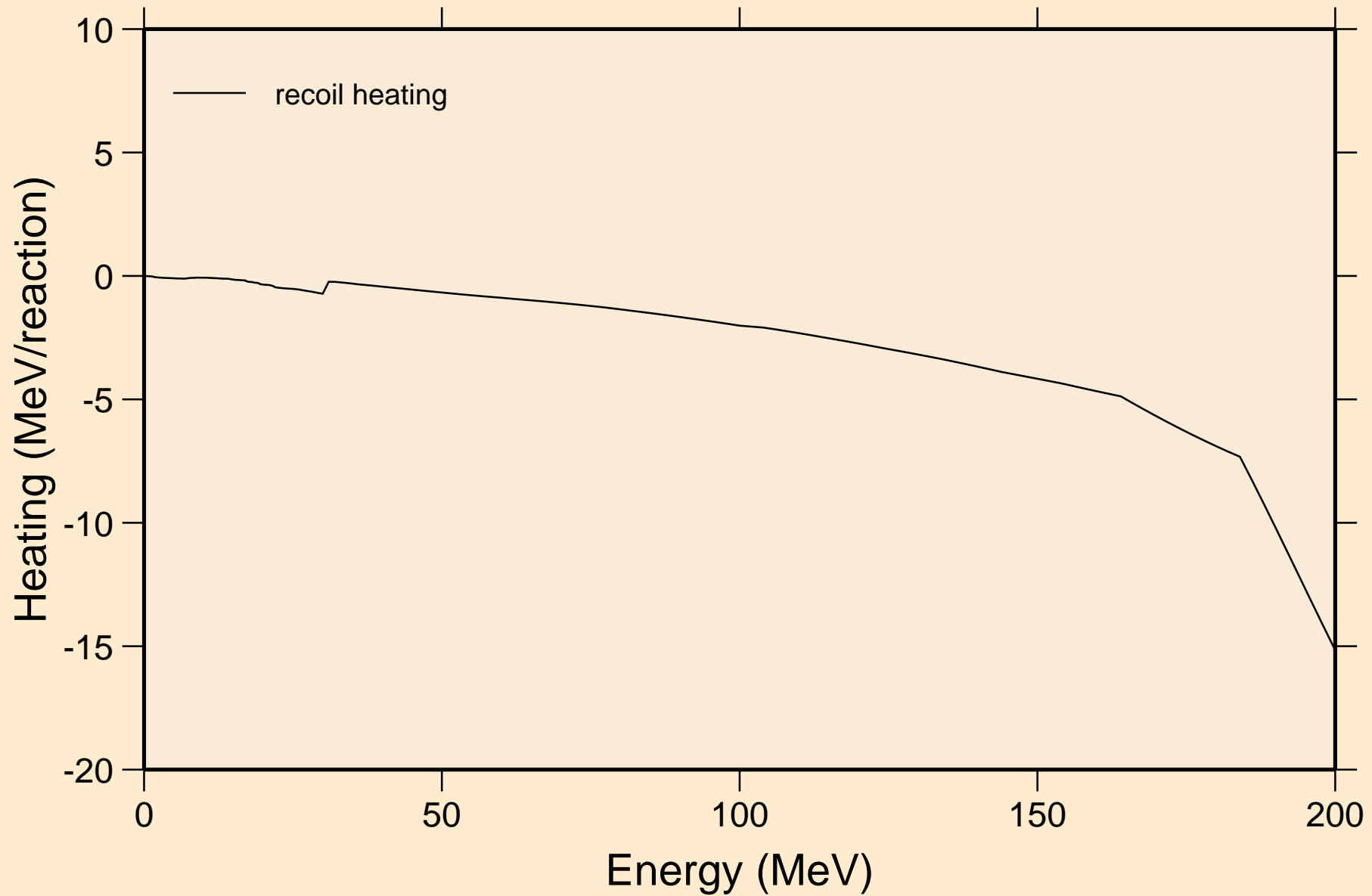
# RF257 NRG TENDL-2015, AKONING

## Particle heating contributions



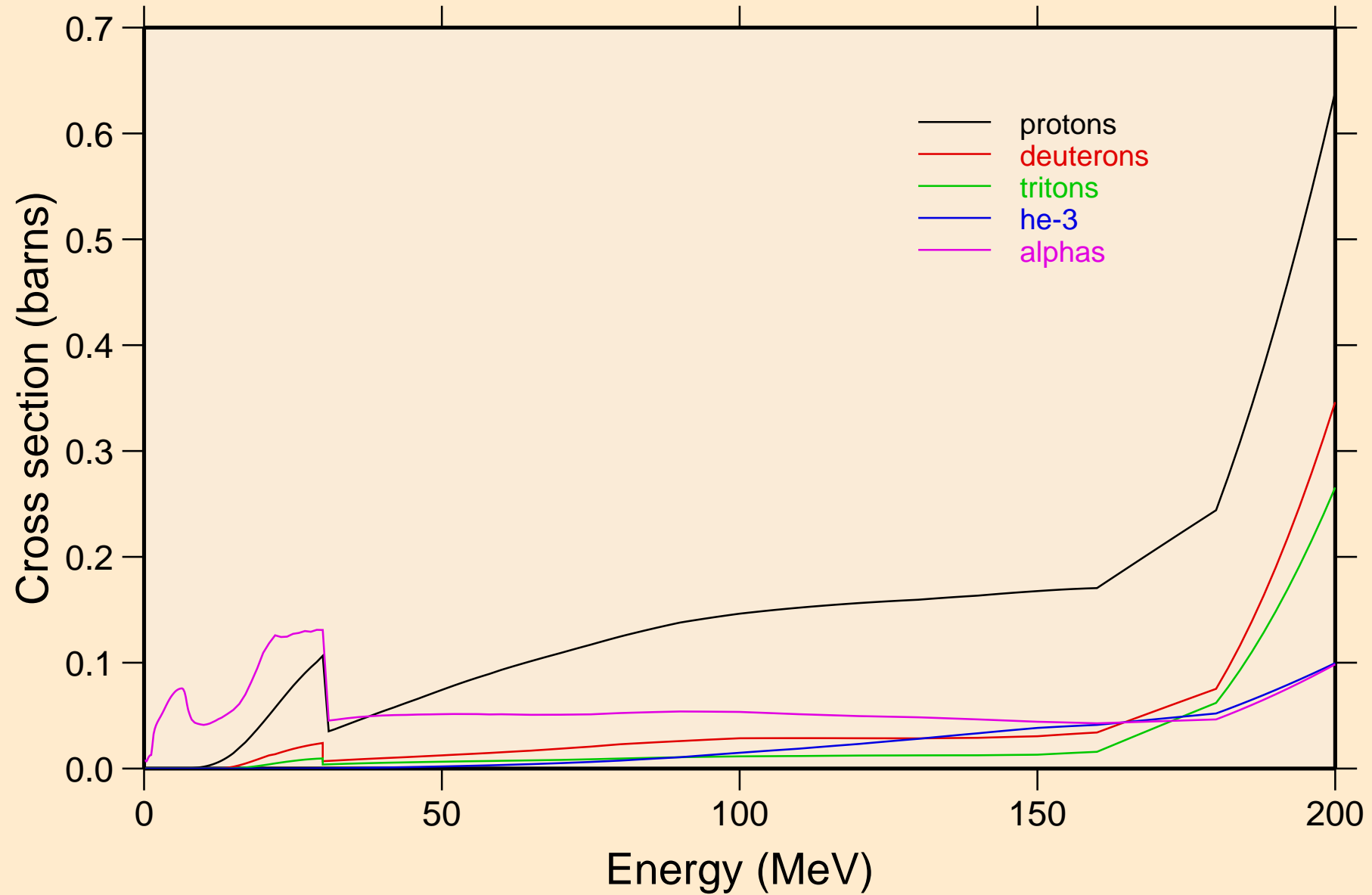
# RF257 NRG TENDL-2015, AKONING

## Recoil Heating

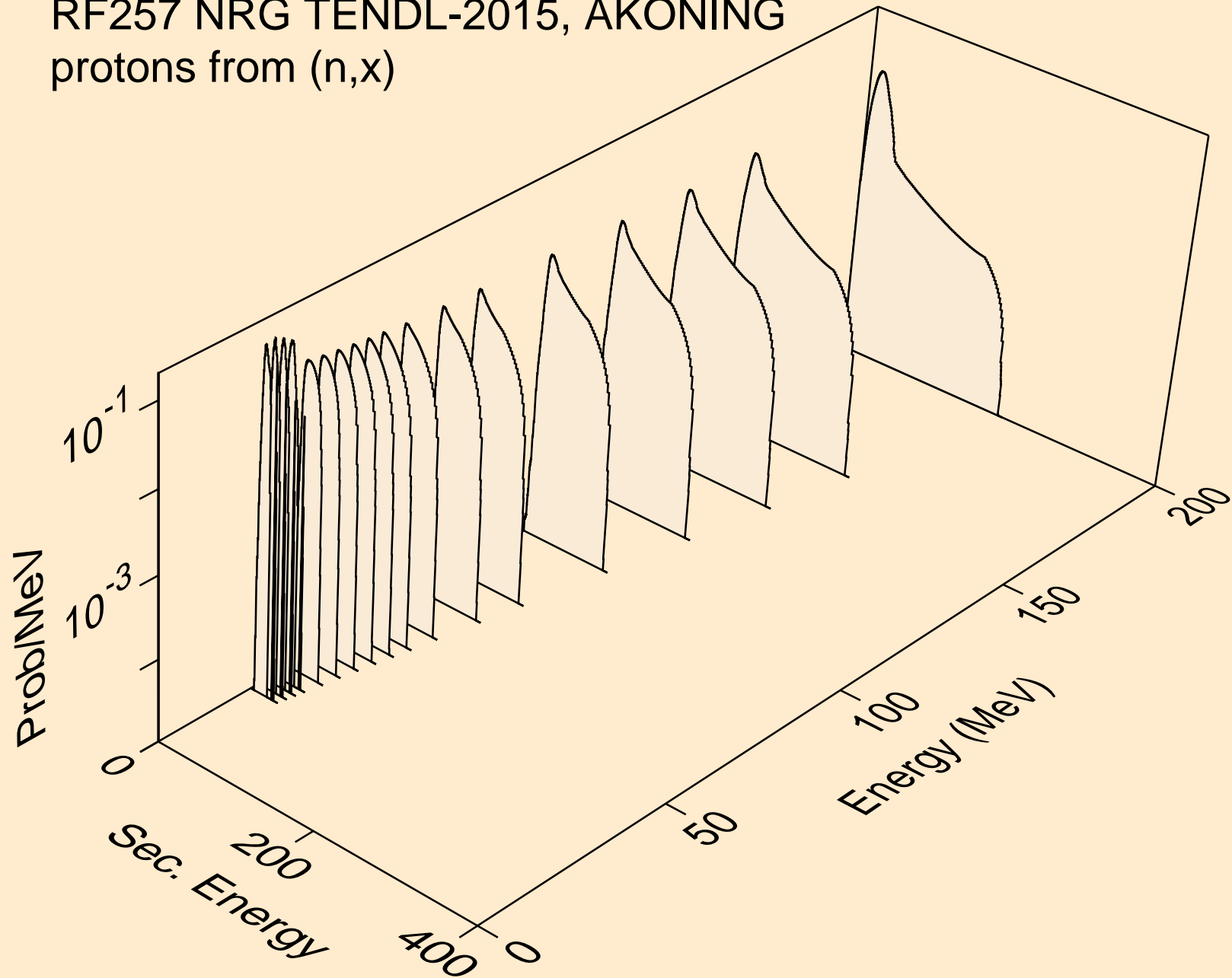


# RF257 NRG TENDL-2015, AKONING

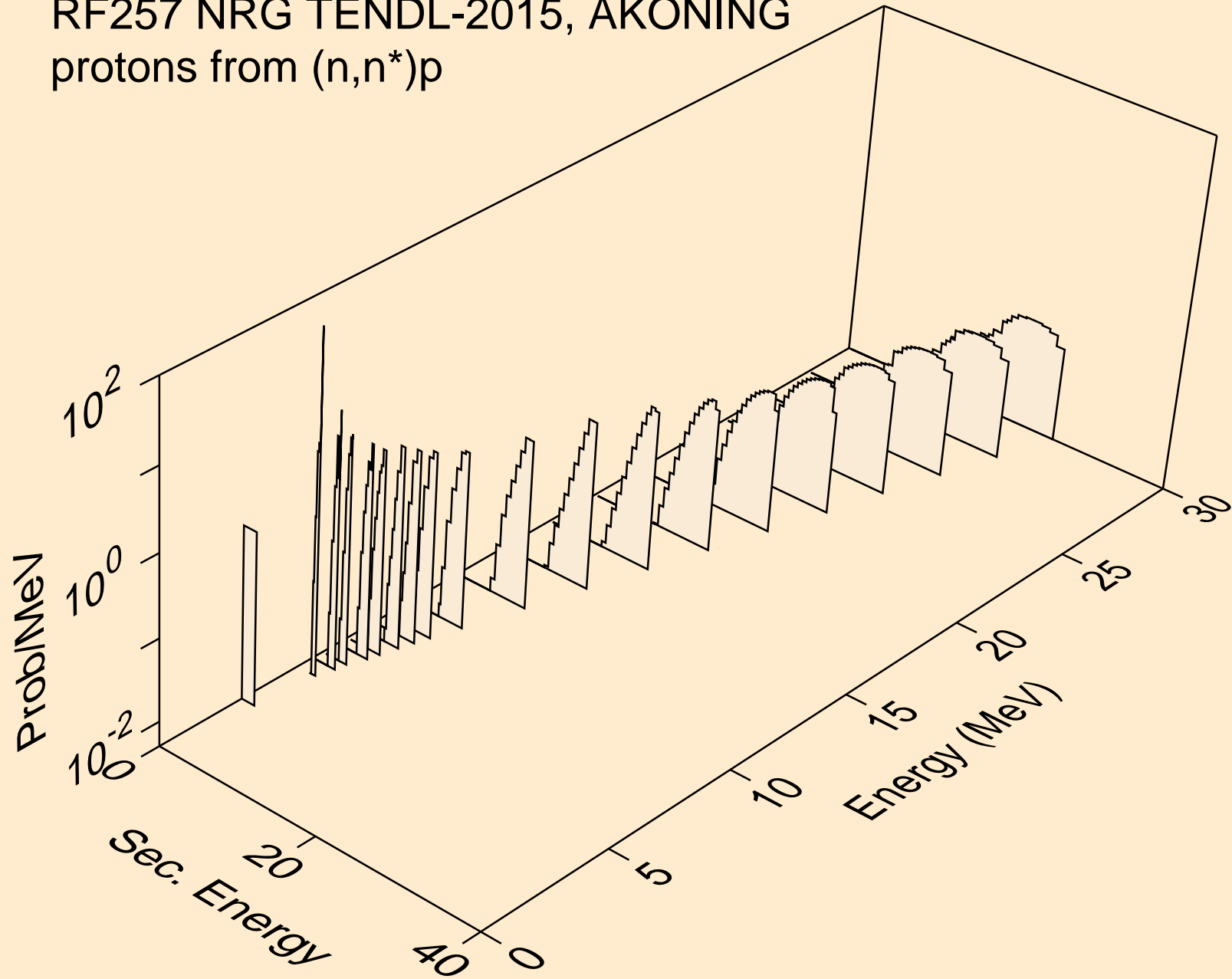
## Particle production cross sections



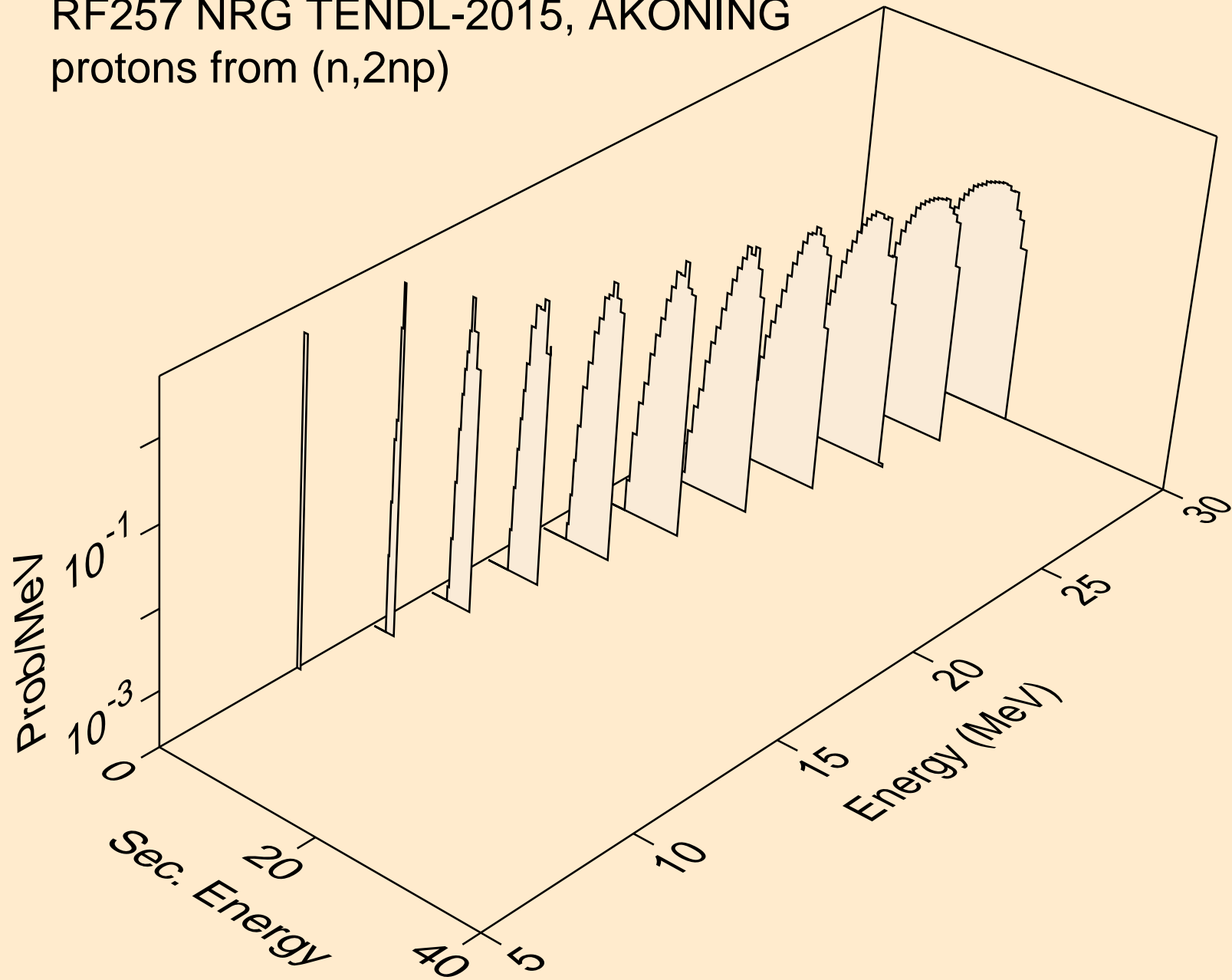
RF257 NRG TENDL-2015, AKONING  
protons from (n,x)



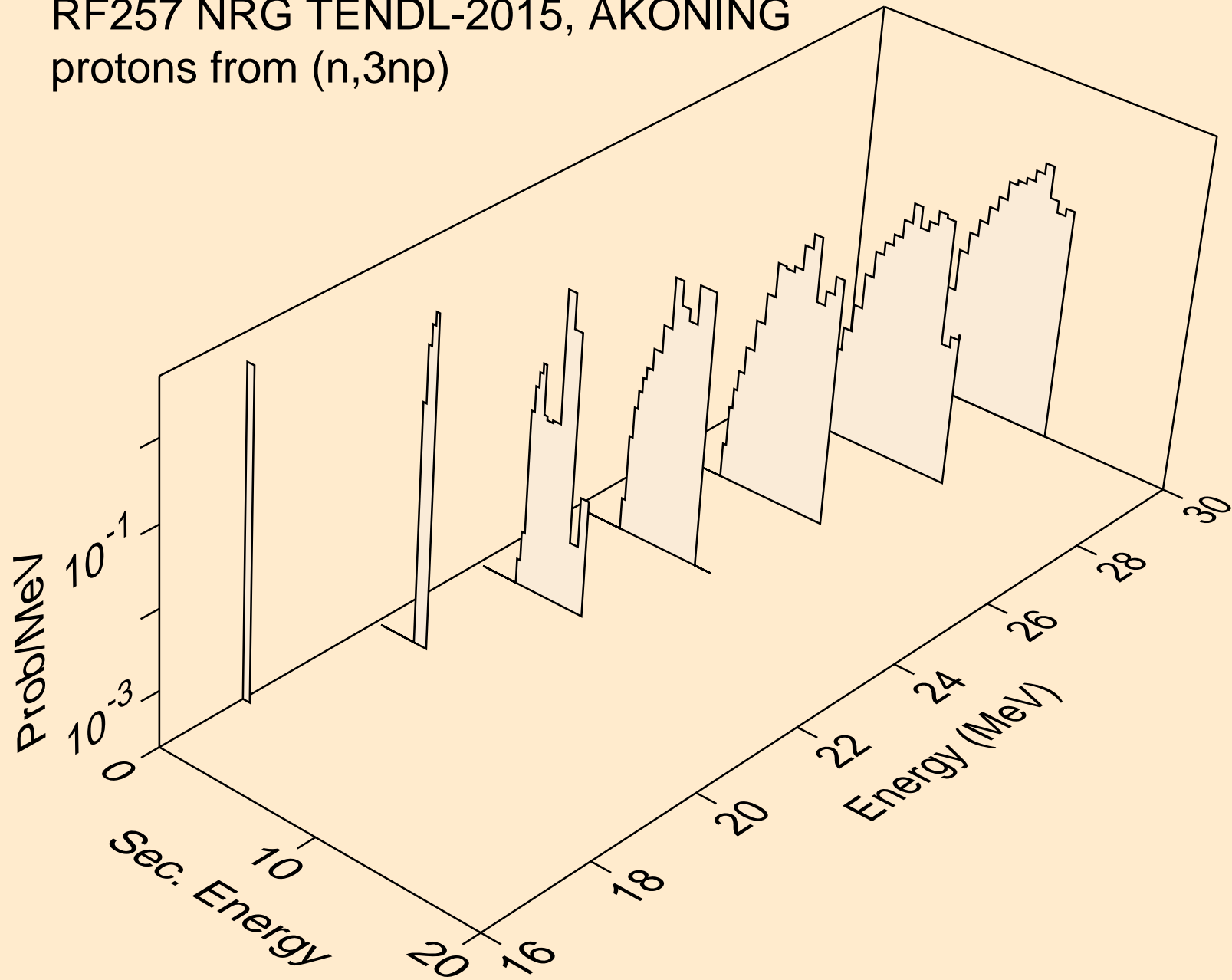
RF257 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



RF257 NRG TENDL-2015, AKONING  
protons from (n,2np)

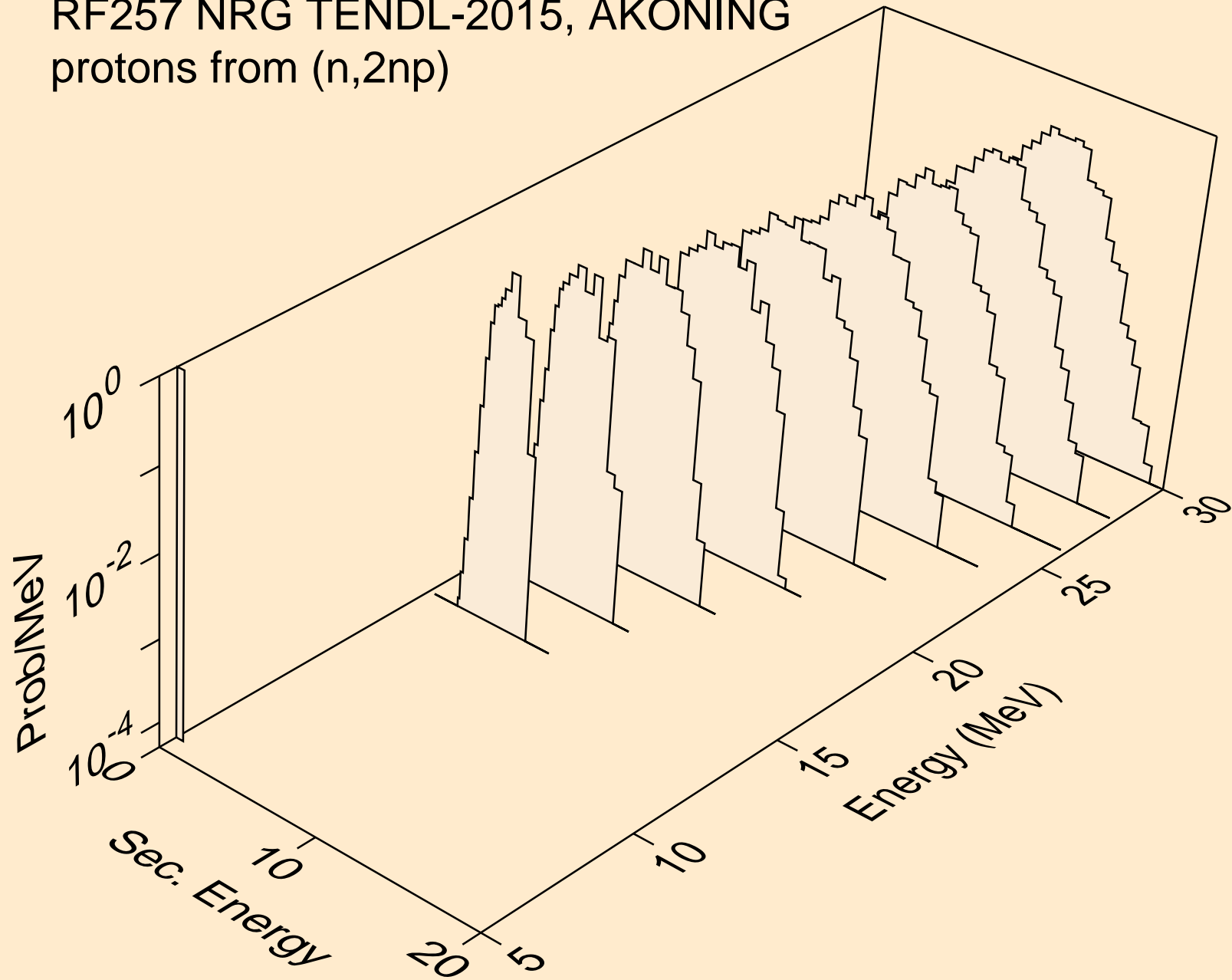


RF257 NRG TENDL-2015, AKONING  
protons from (n,3np)

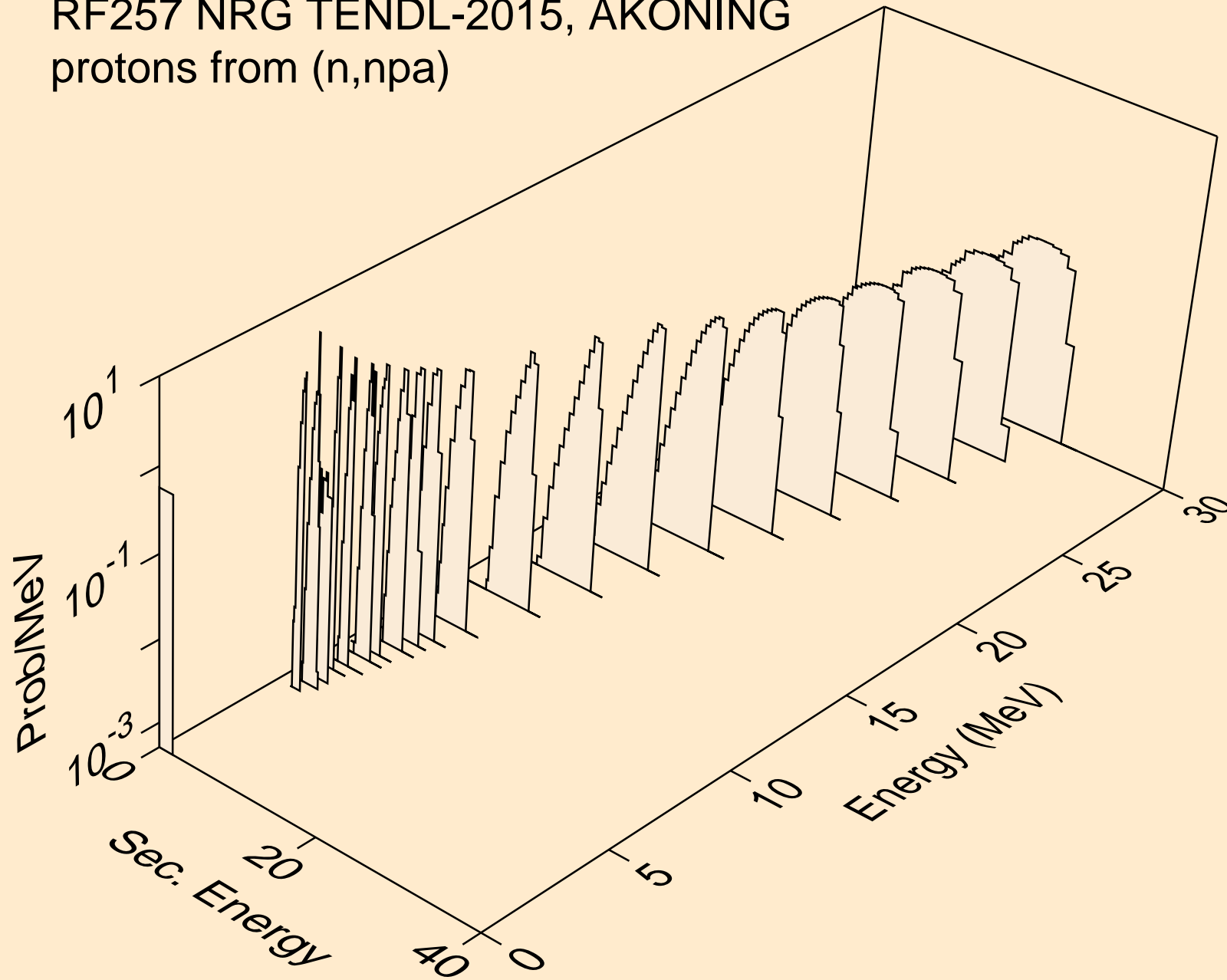




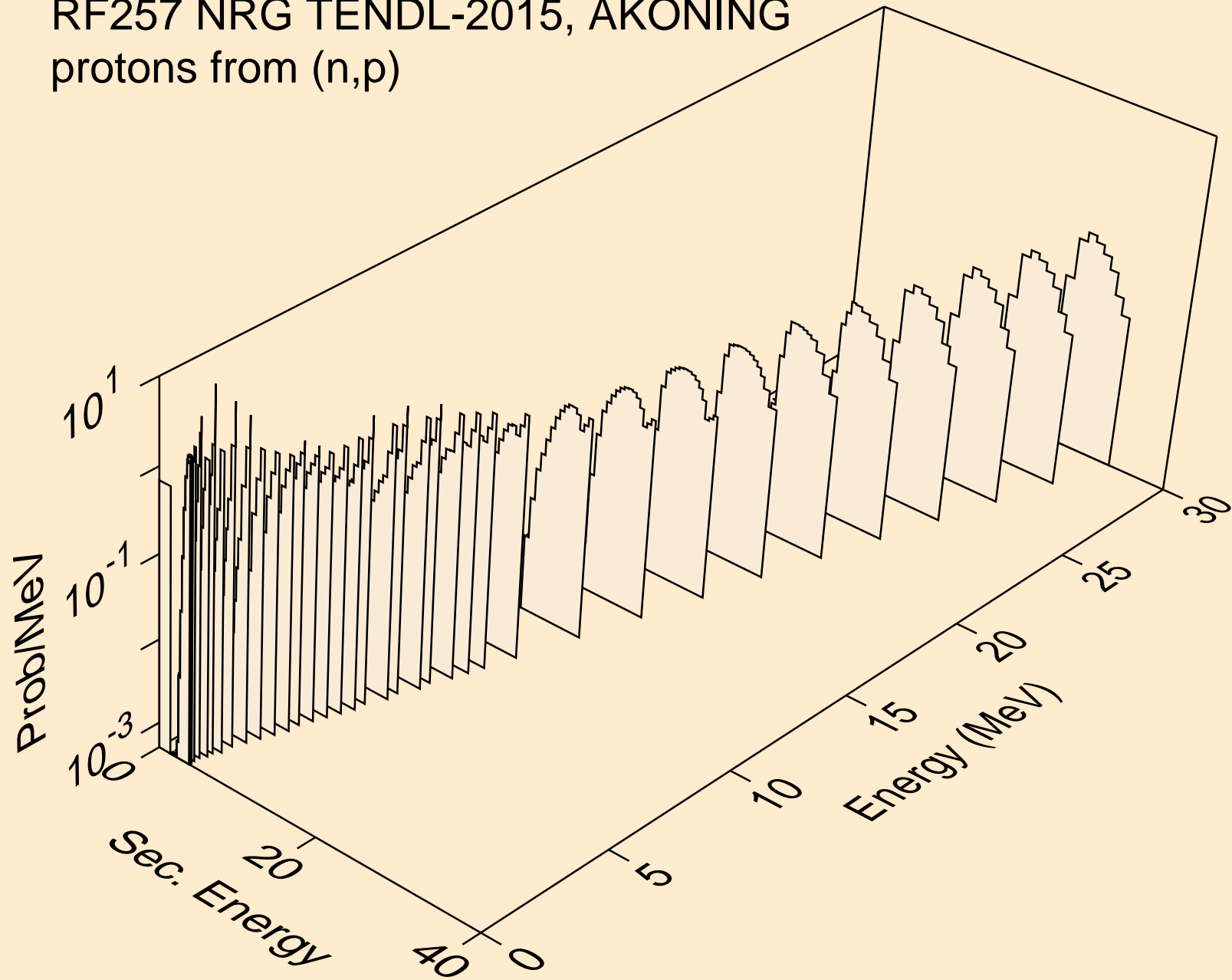
RF257 NRG TENDL-2015, AKONING  
protons from (n,2np)



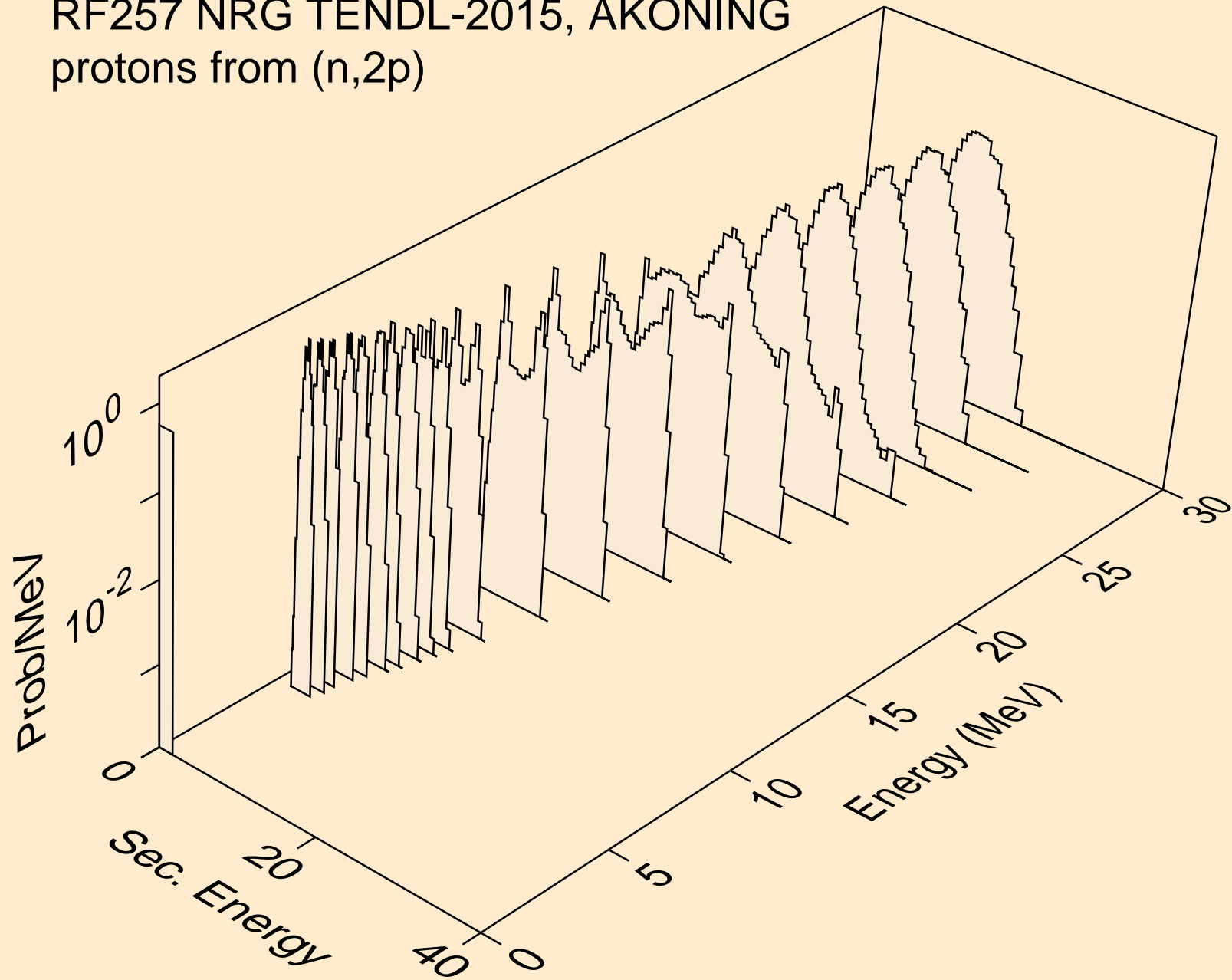
RF257 NRG TENDL-2015, AKONING  
protons from (n,npa)



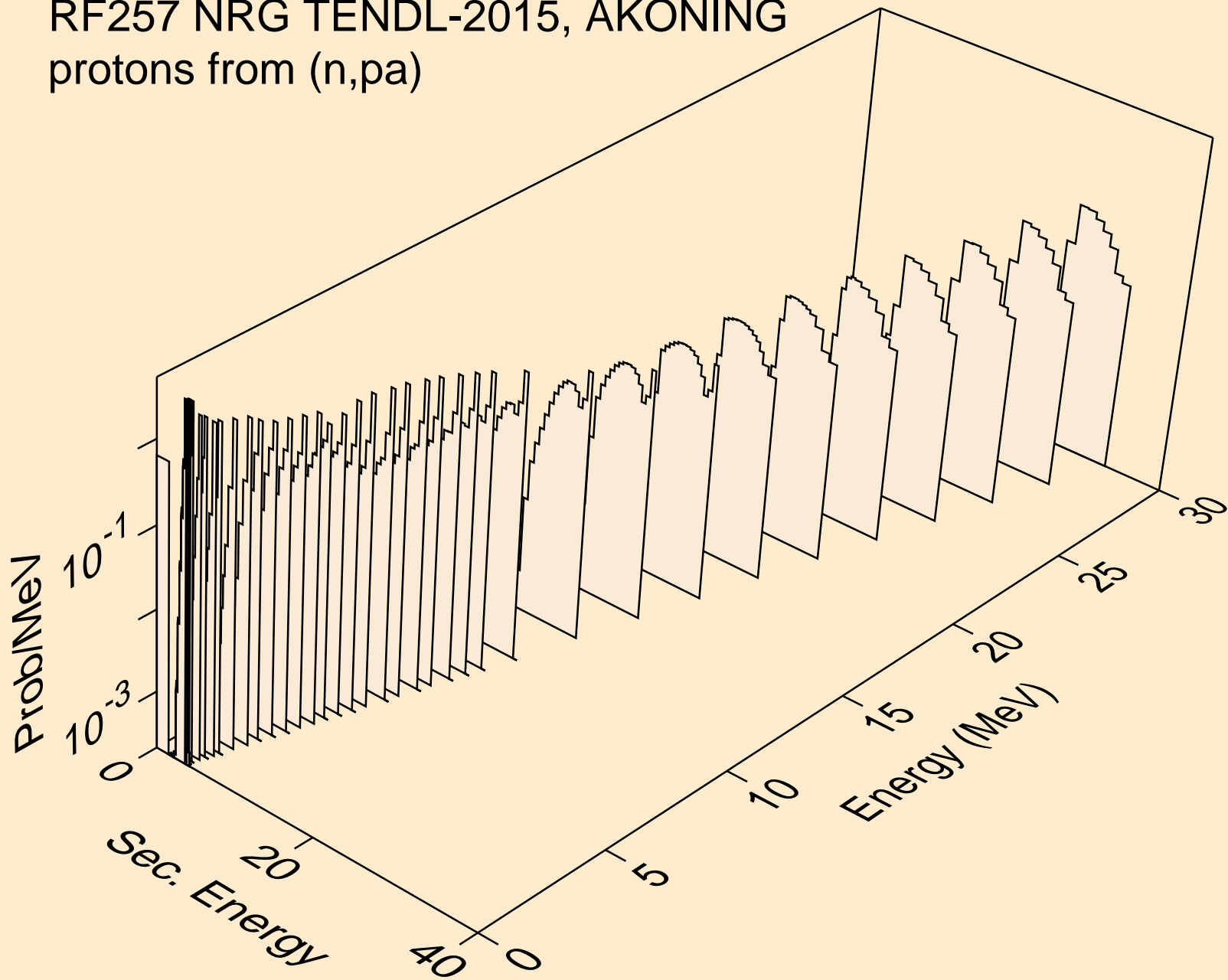
RF257 NRG TENDL-2015, AKONING  
protons from (n,p)



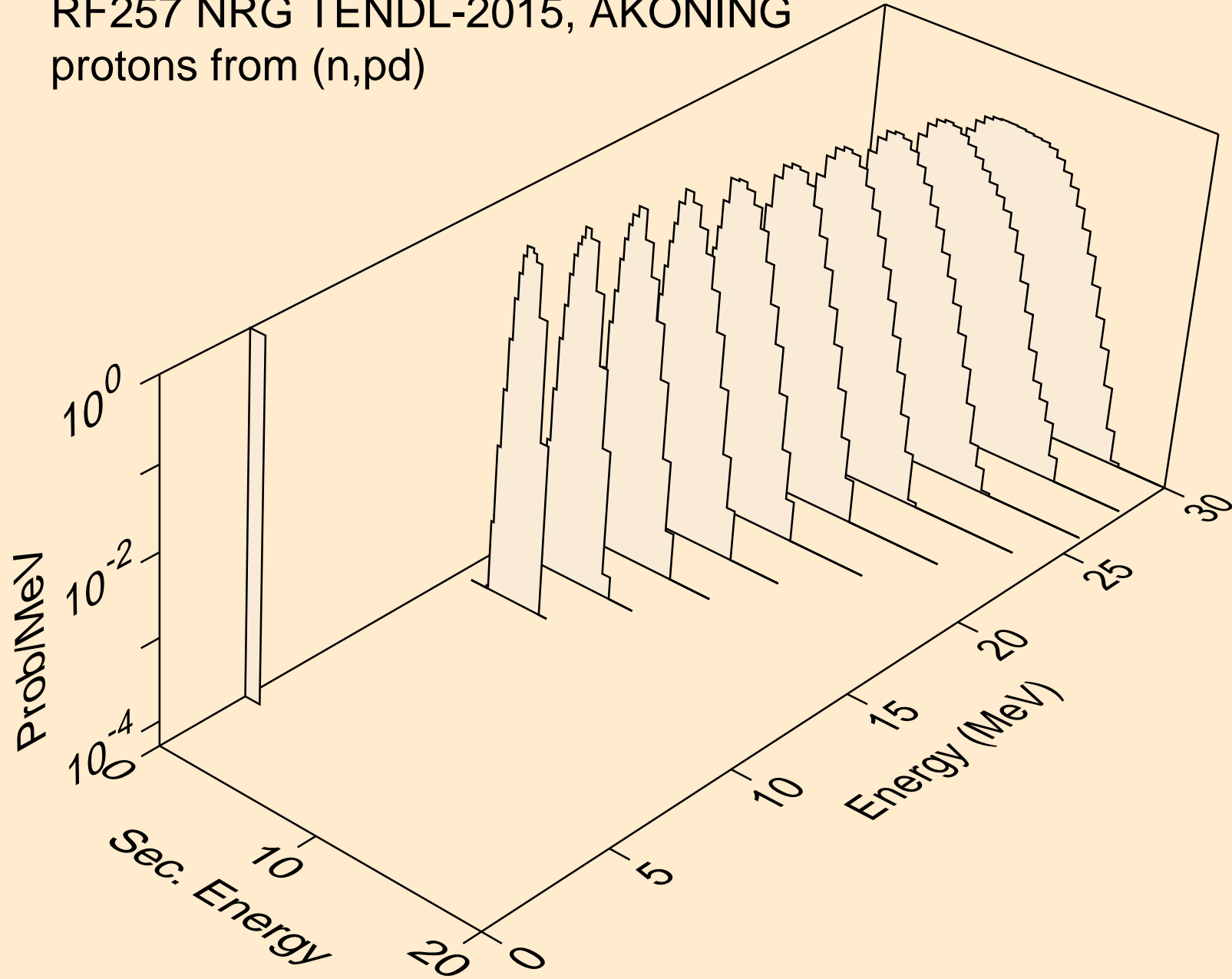
RF257 NRG TENDL-2015, AKONING  
protons from (n,2p)



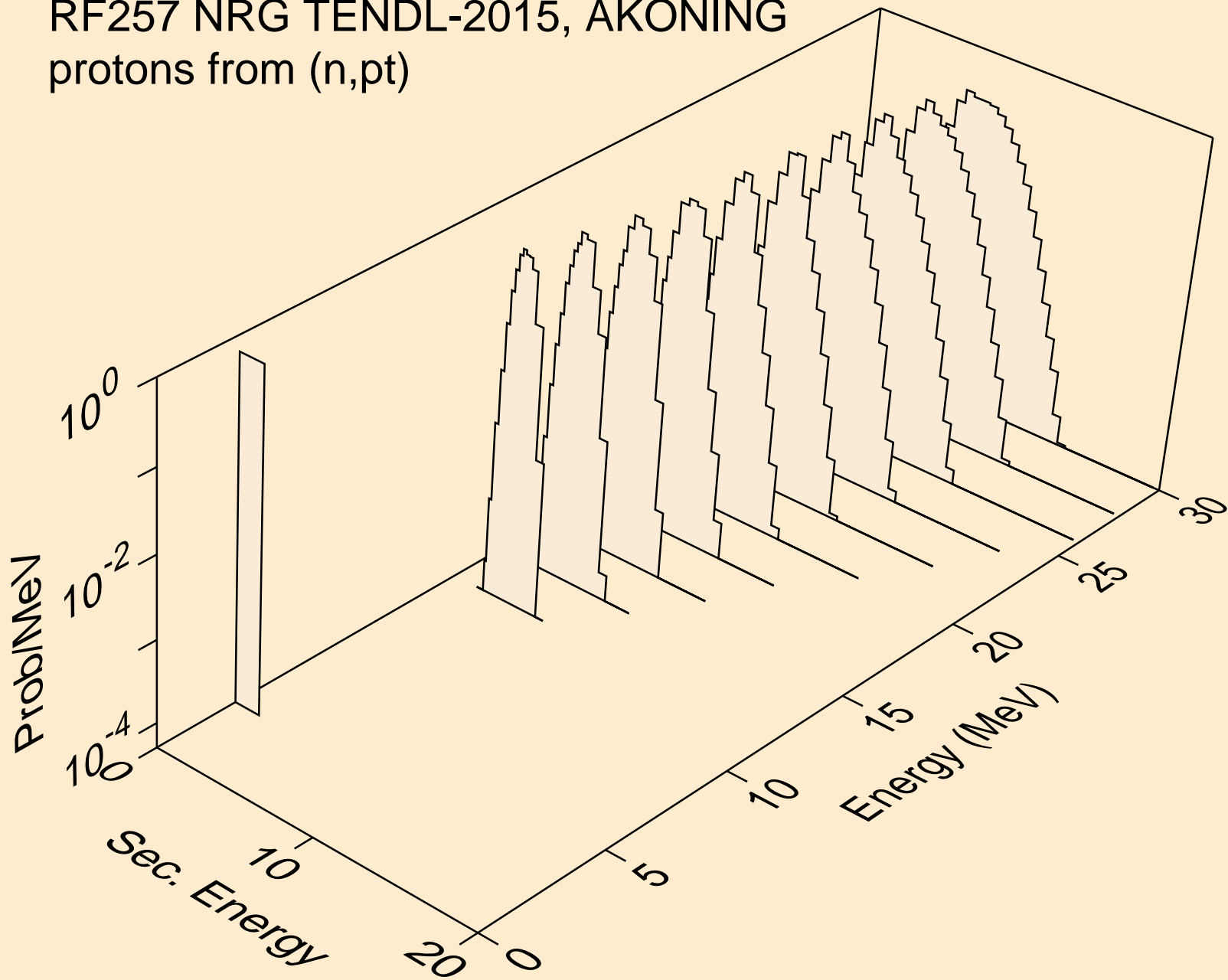
RF257 NRG TENDL-2015, AKONING  
protons from (n,pa)



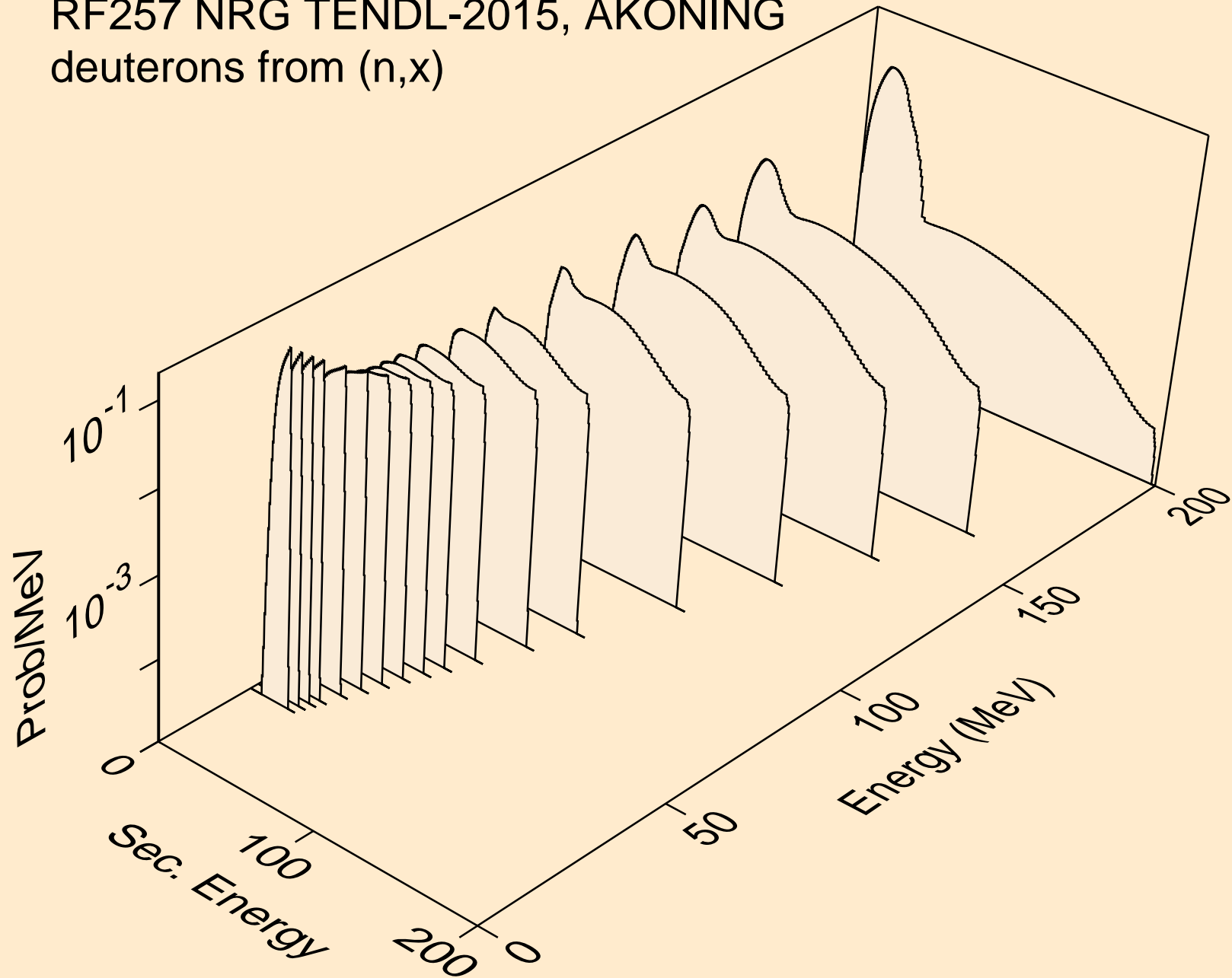
RF257 NRG TENDL-2015, AKONING  
protons from (n,pd)



RF257 NRG TENDL-2015, AKONING  
protons from (n,pt)

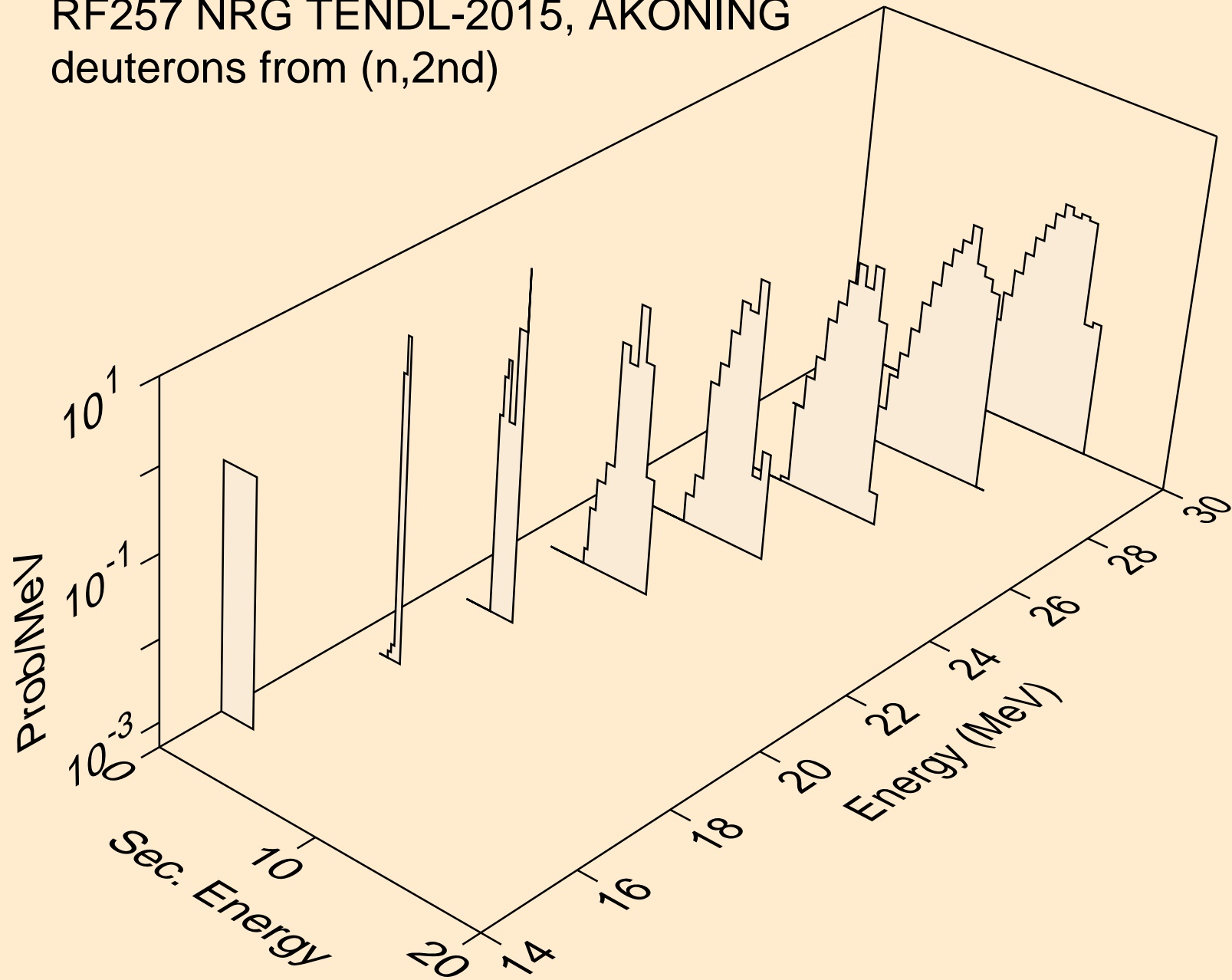


RF257 NRG TENDL-2015, AKONING  
deuterons from (n,x)

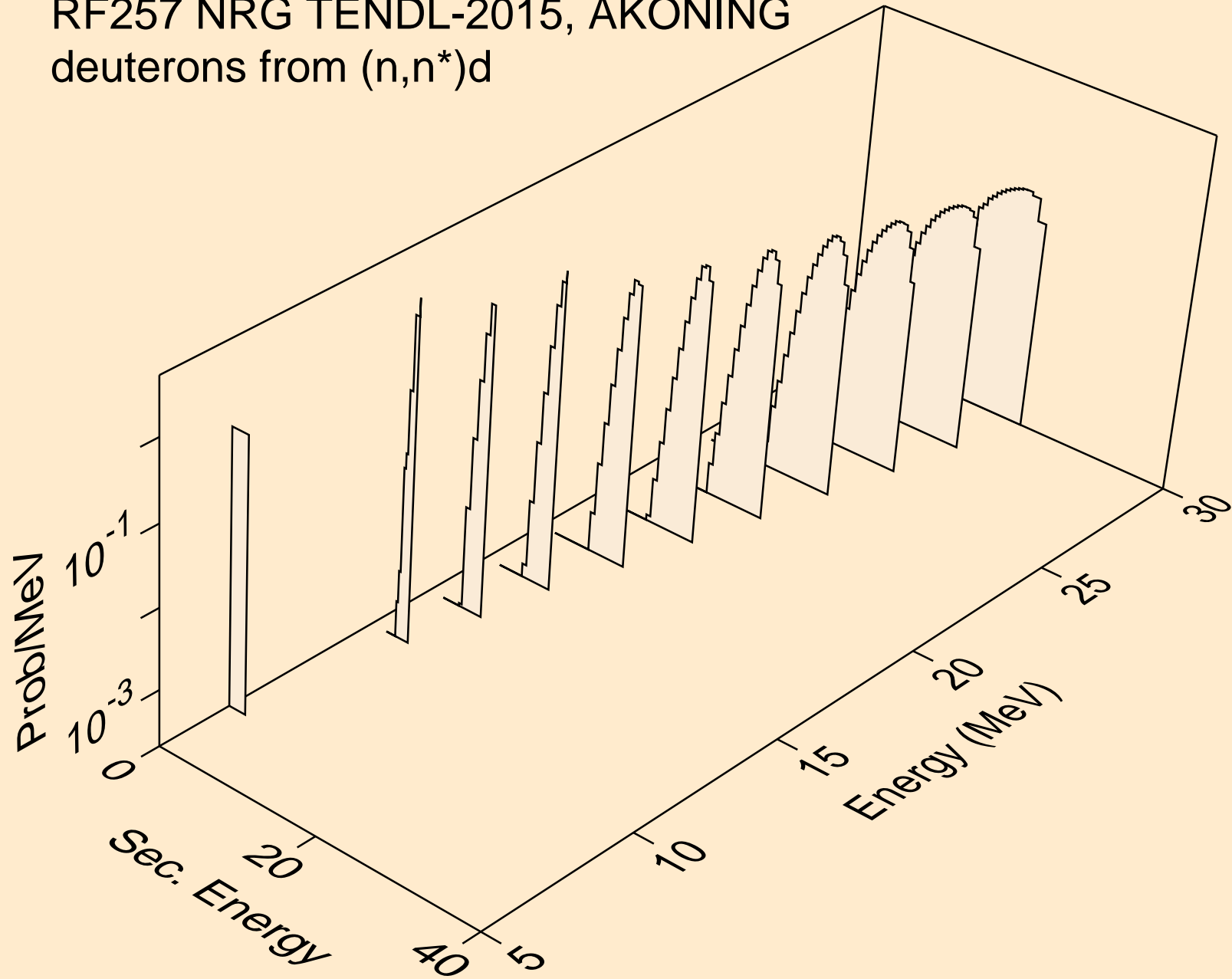




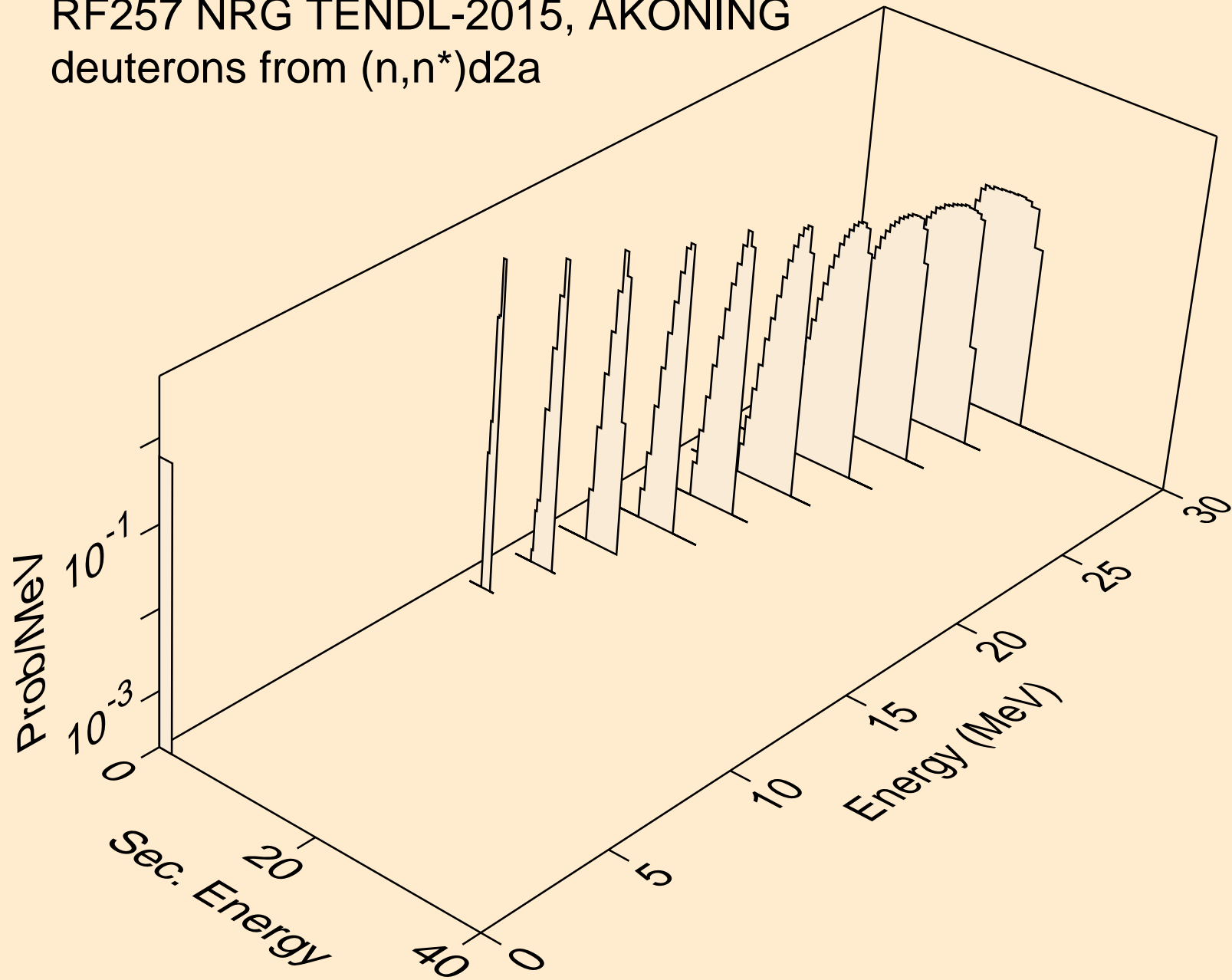
RF257 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



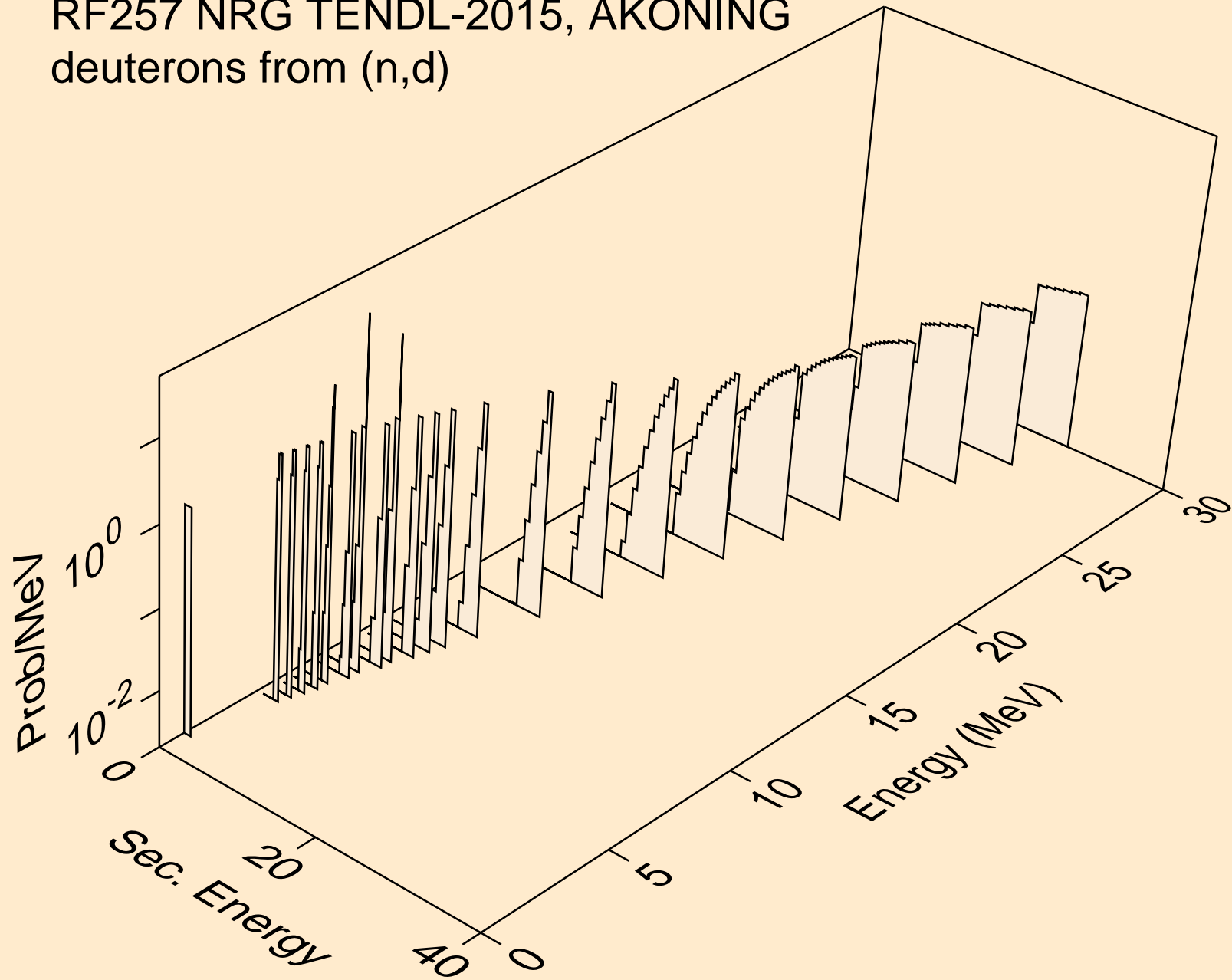
RF257 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



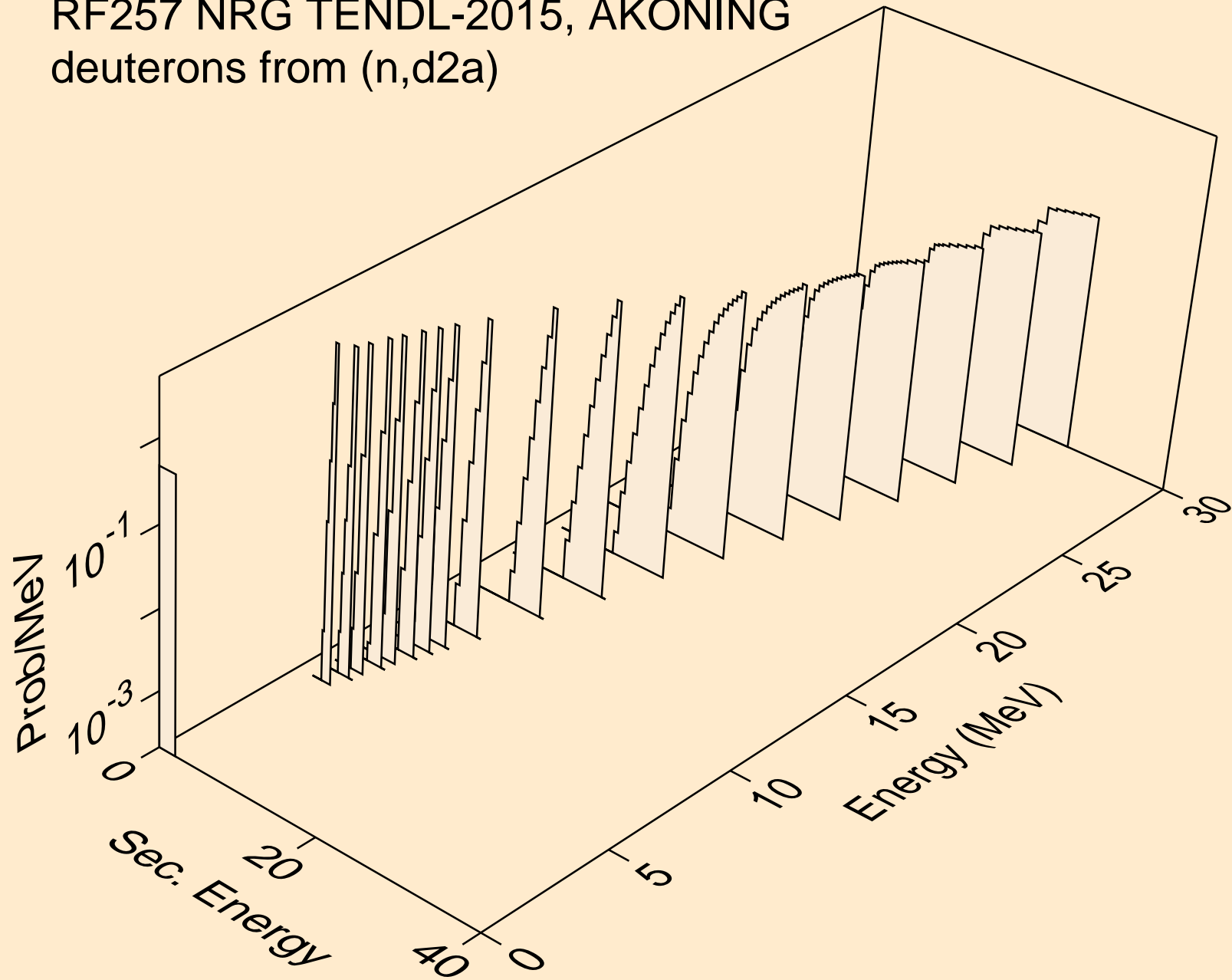
RF257 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d2a



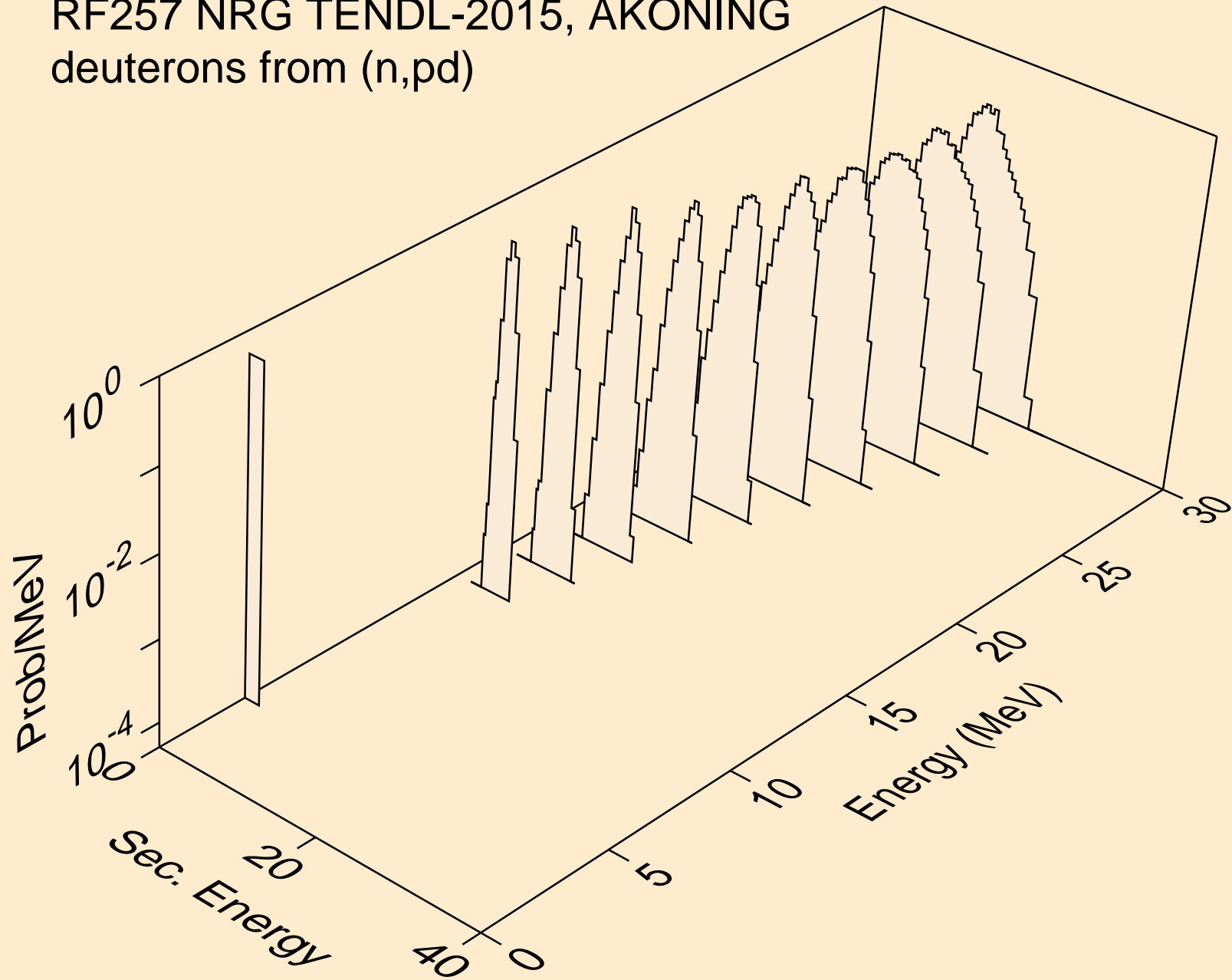
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deuterons from (n,d)



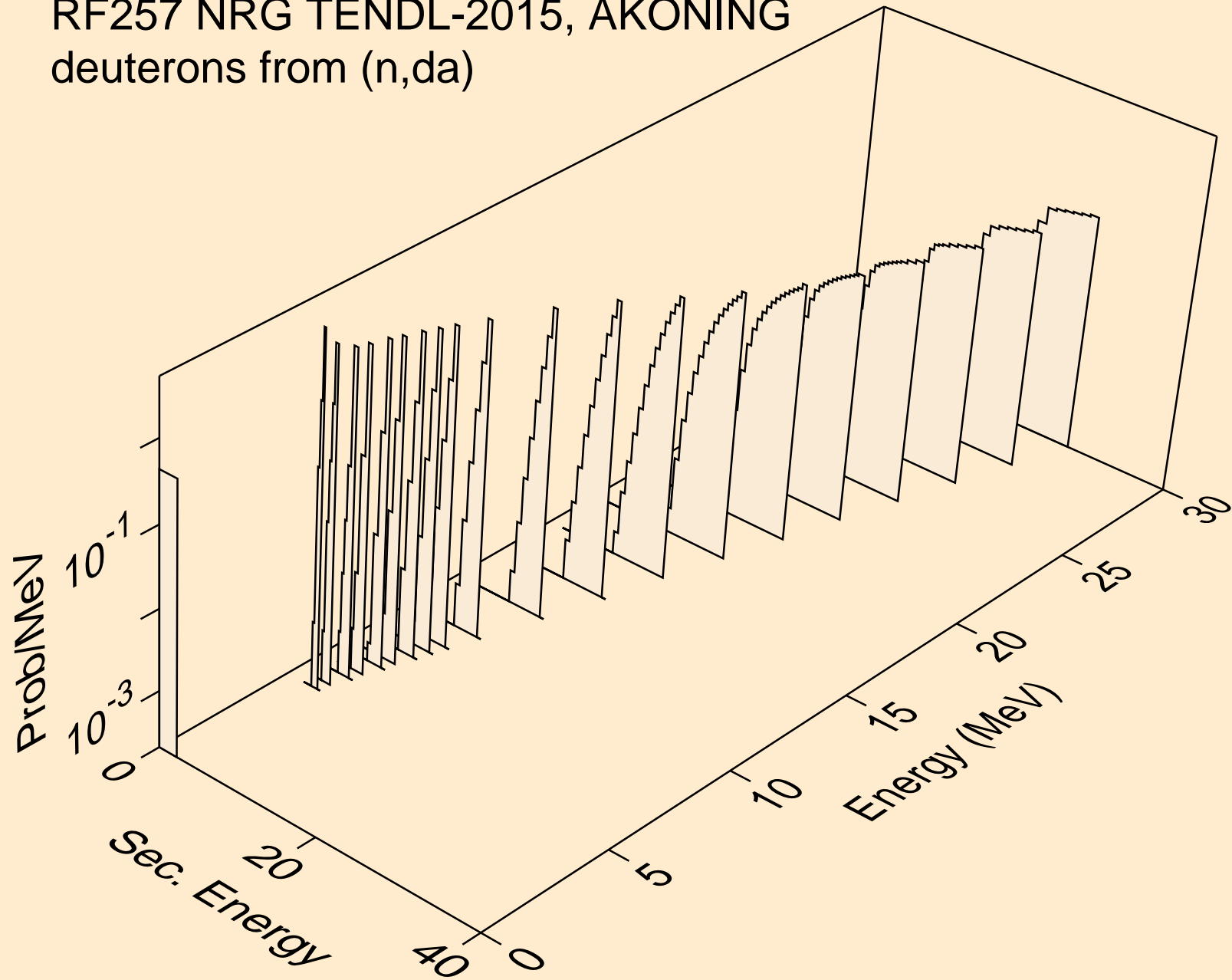
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deuterons from (n,d2a)



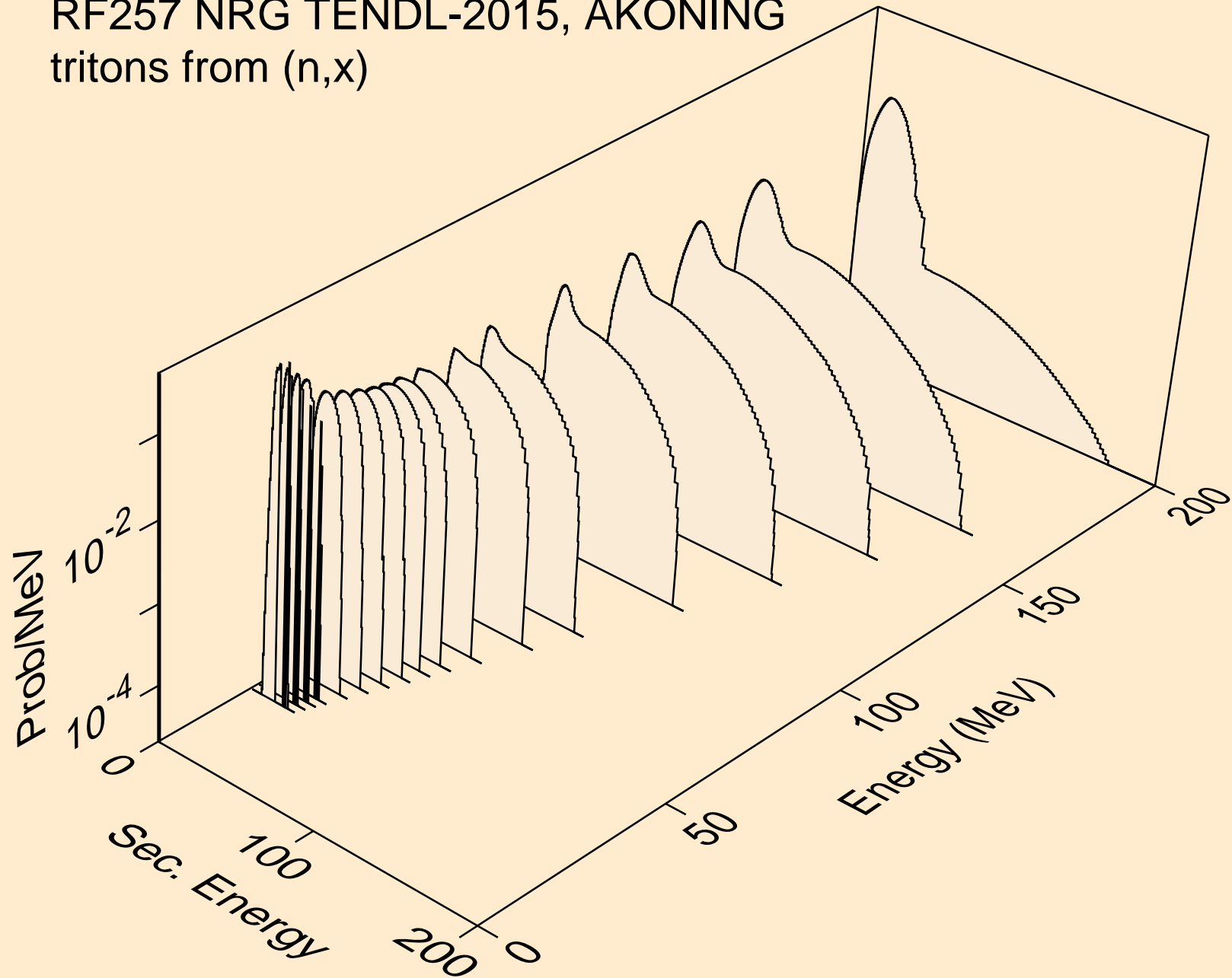
RF257 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



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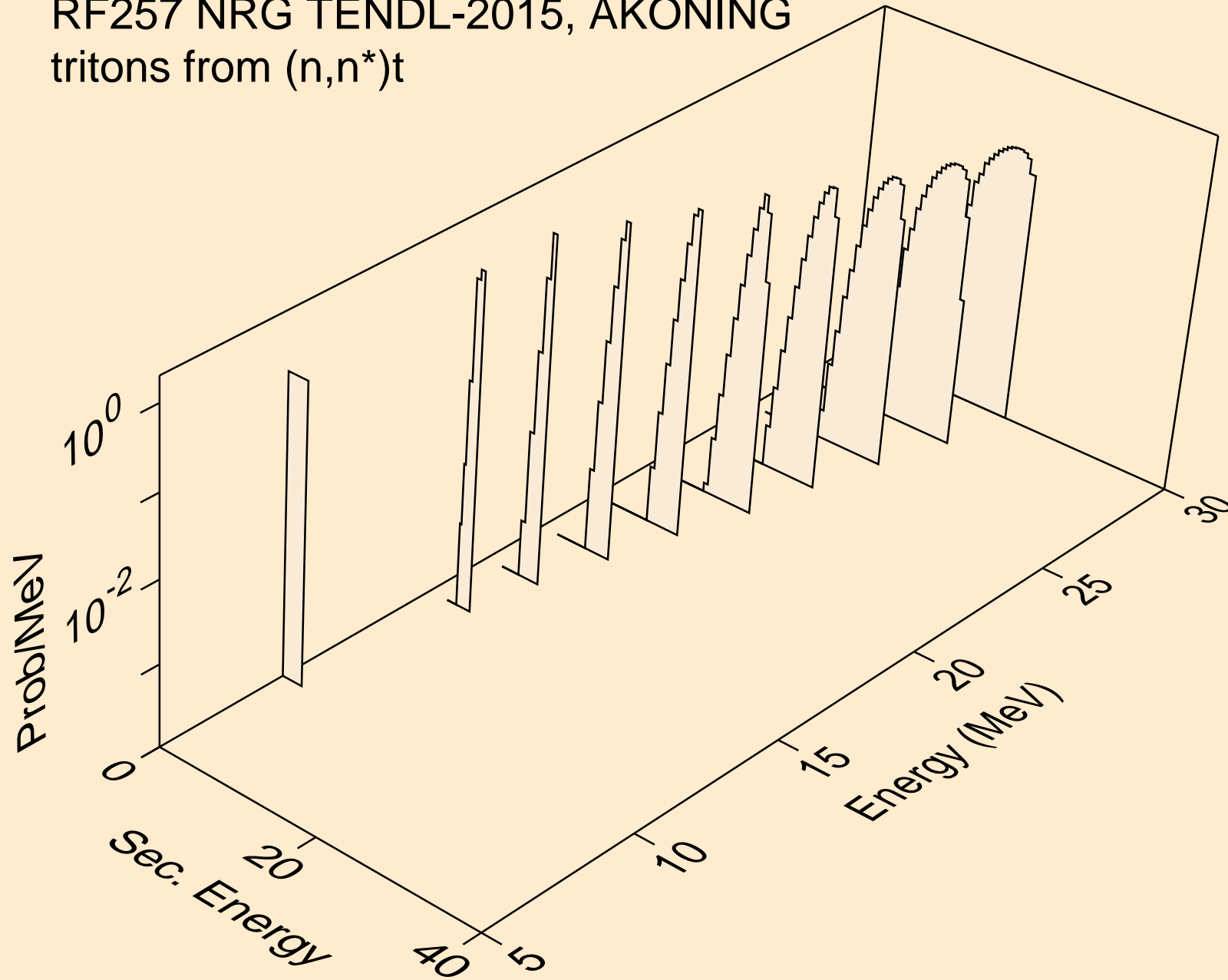


RF257 NRG TENDL-2015, AKONING  
tritons from (n,x)

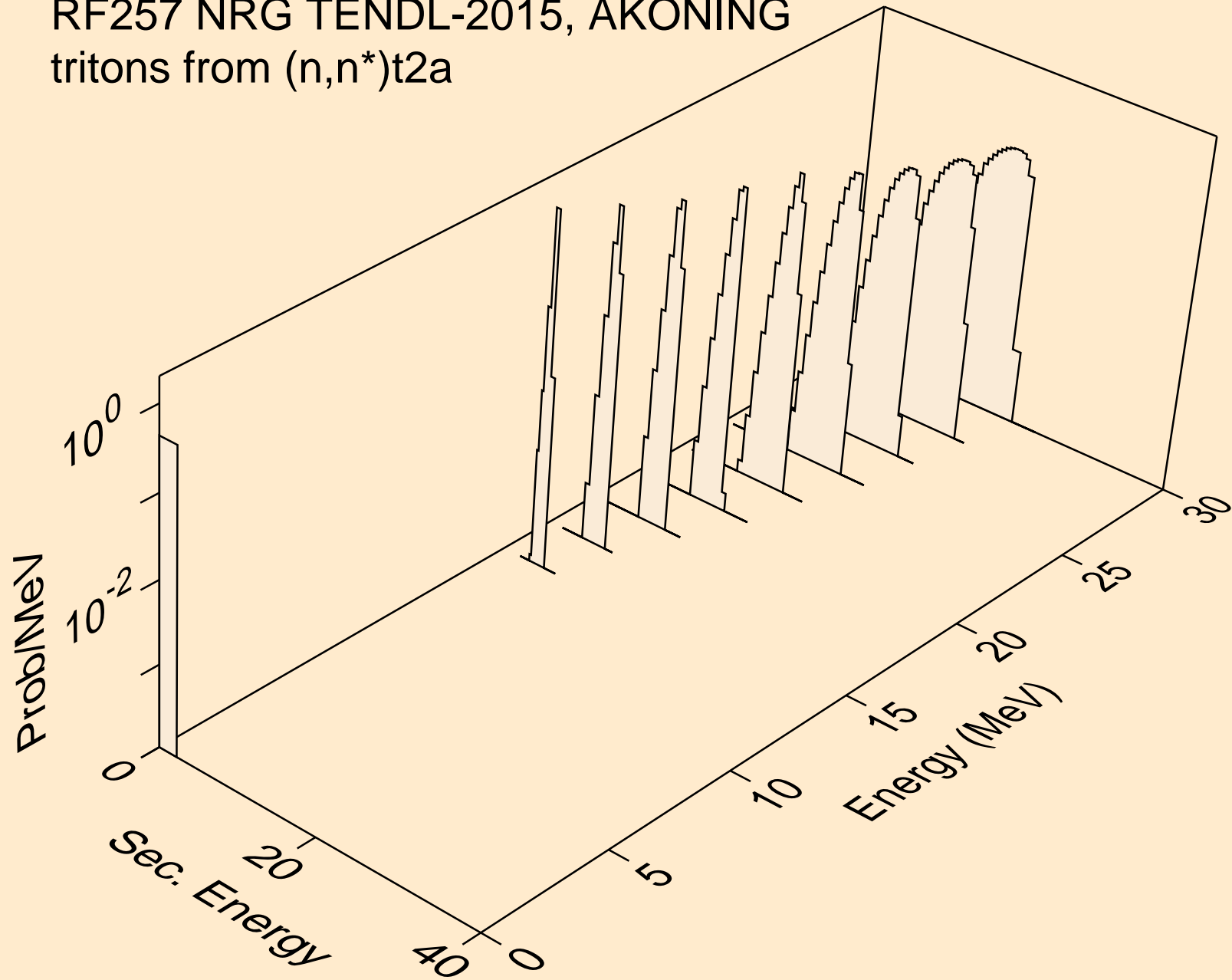




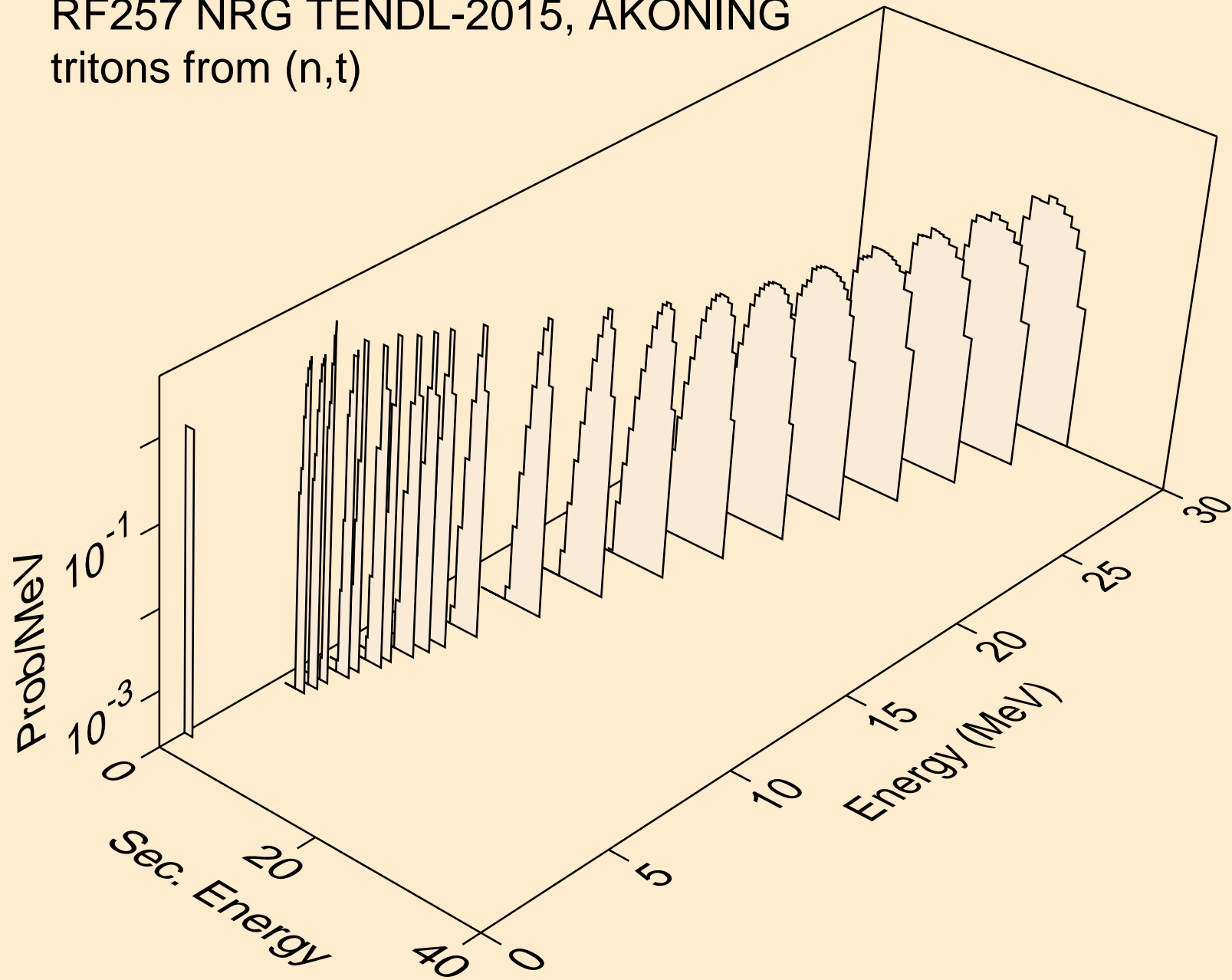
RF257 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



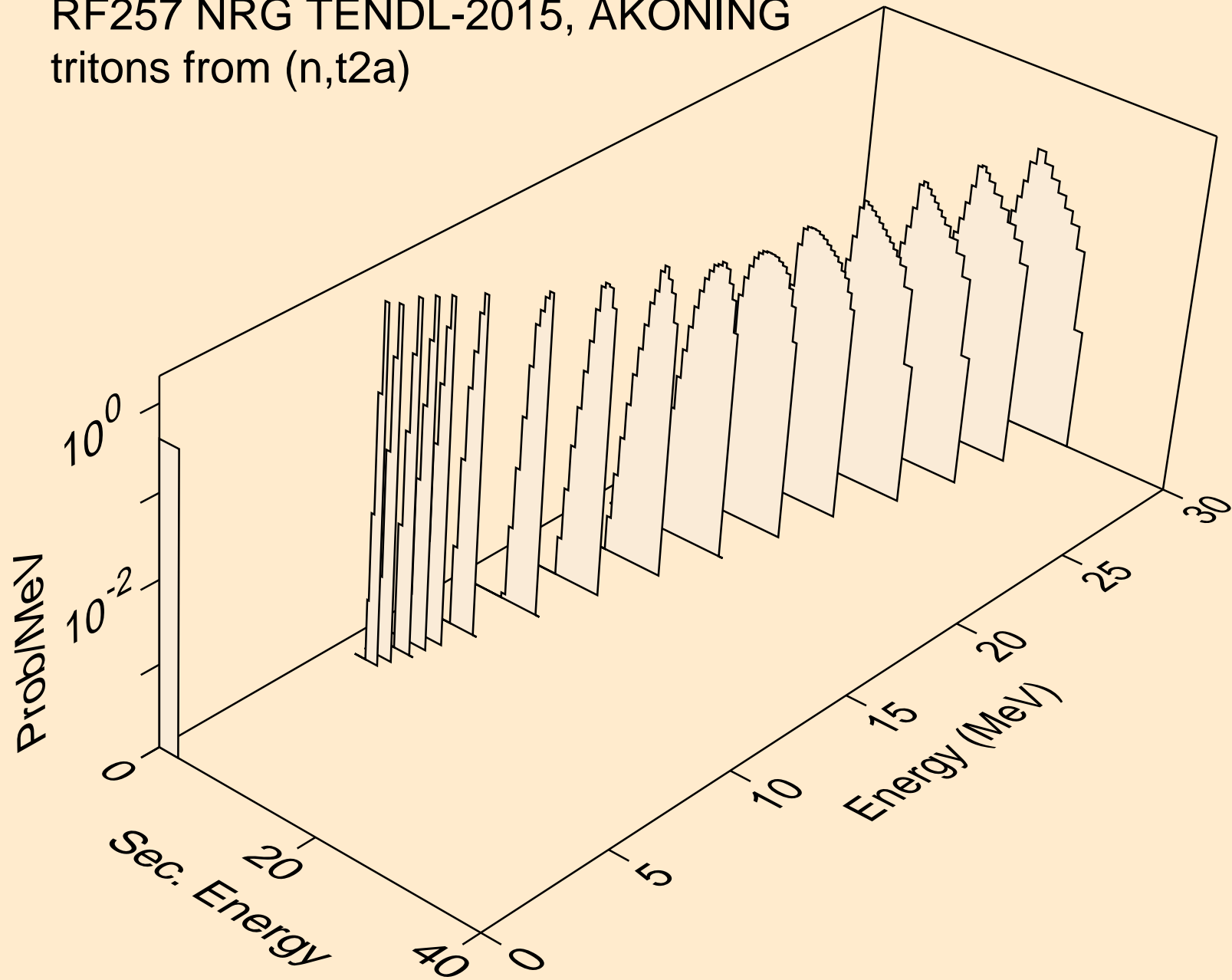
RF257 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t2a



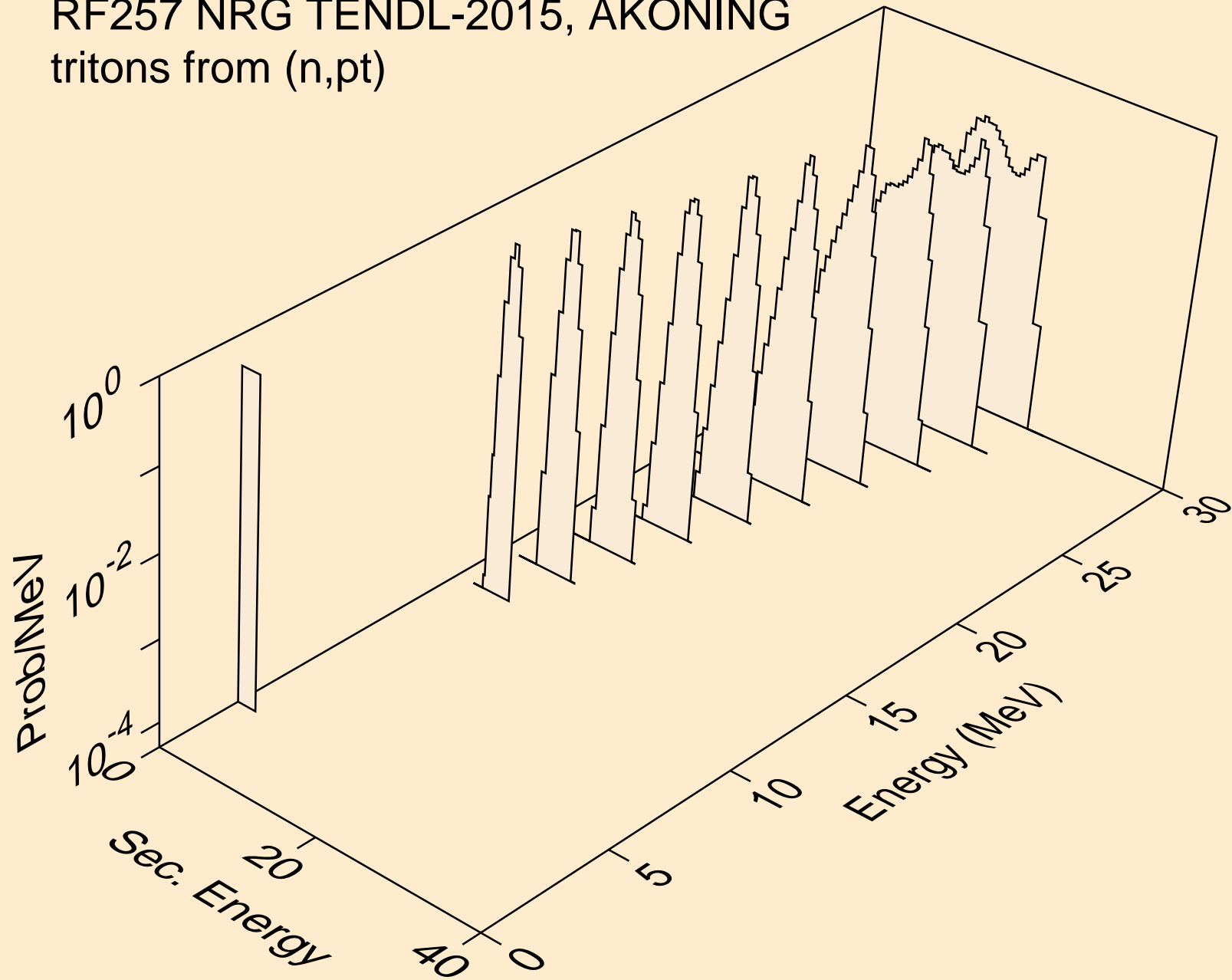
RF257 NRG TENDL-2015, AKONING  
tritons from (n,t)



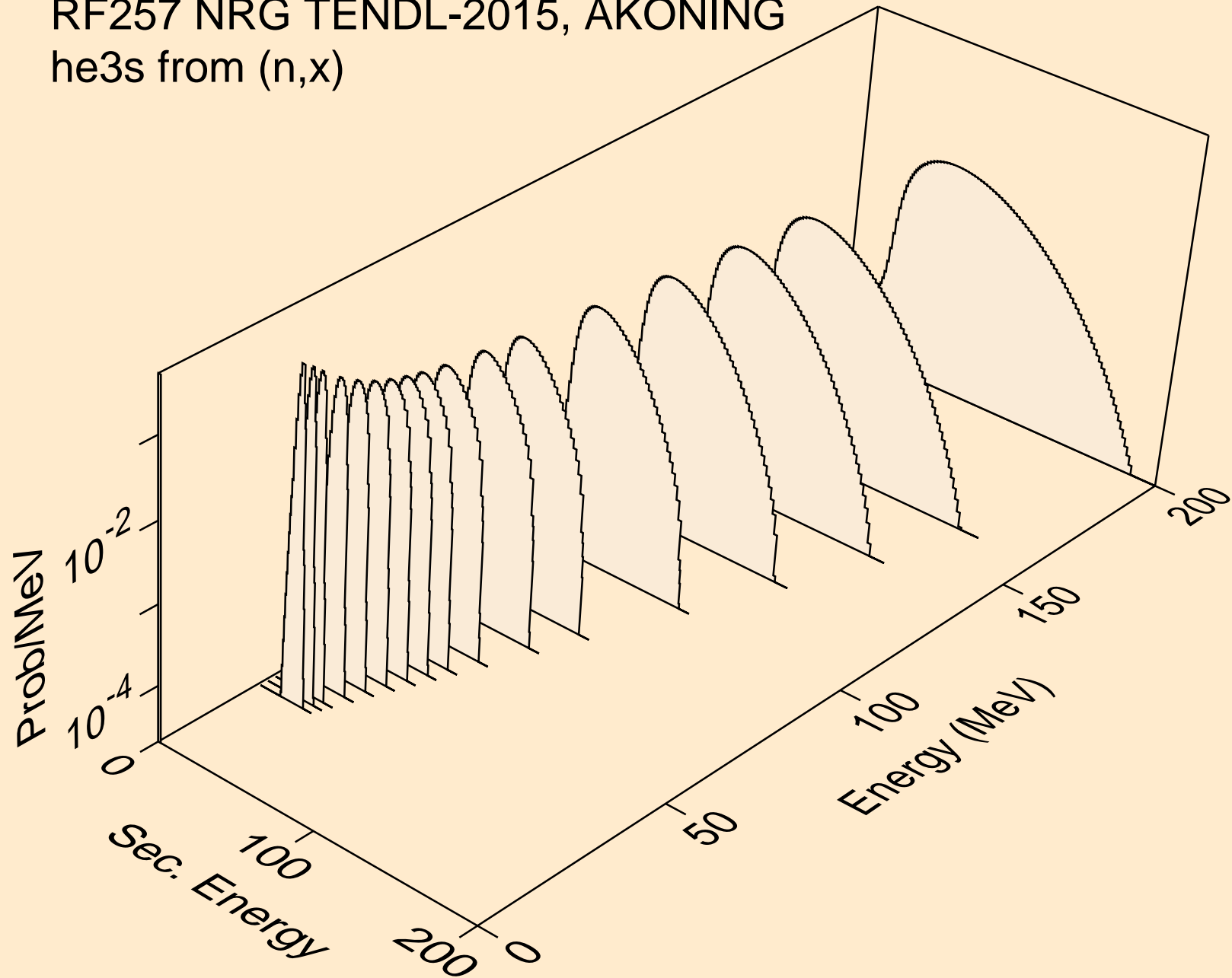
RF257 NRG TENDL-2015, AKONING  
tritons from (n,t2a)



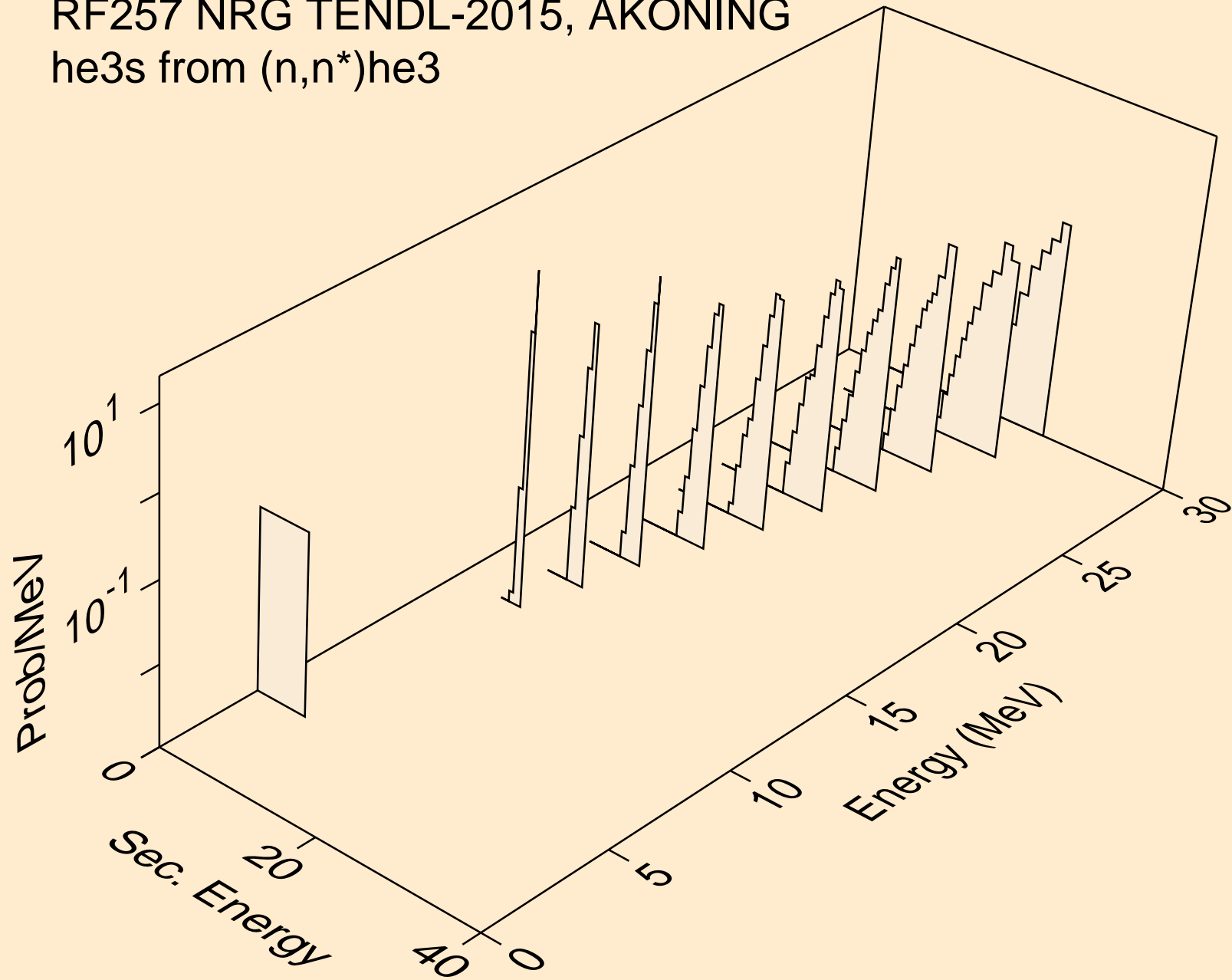
RF257 NRG TENDL-2015, AKONING  
tritons from (n,pt)



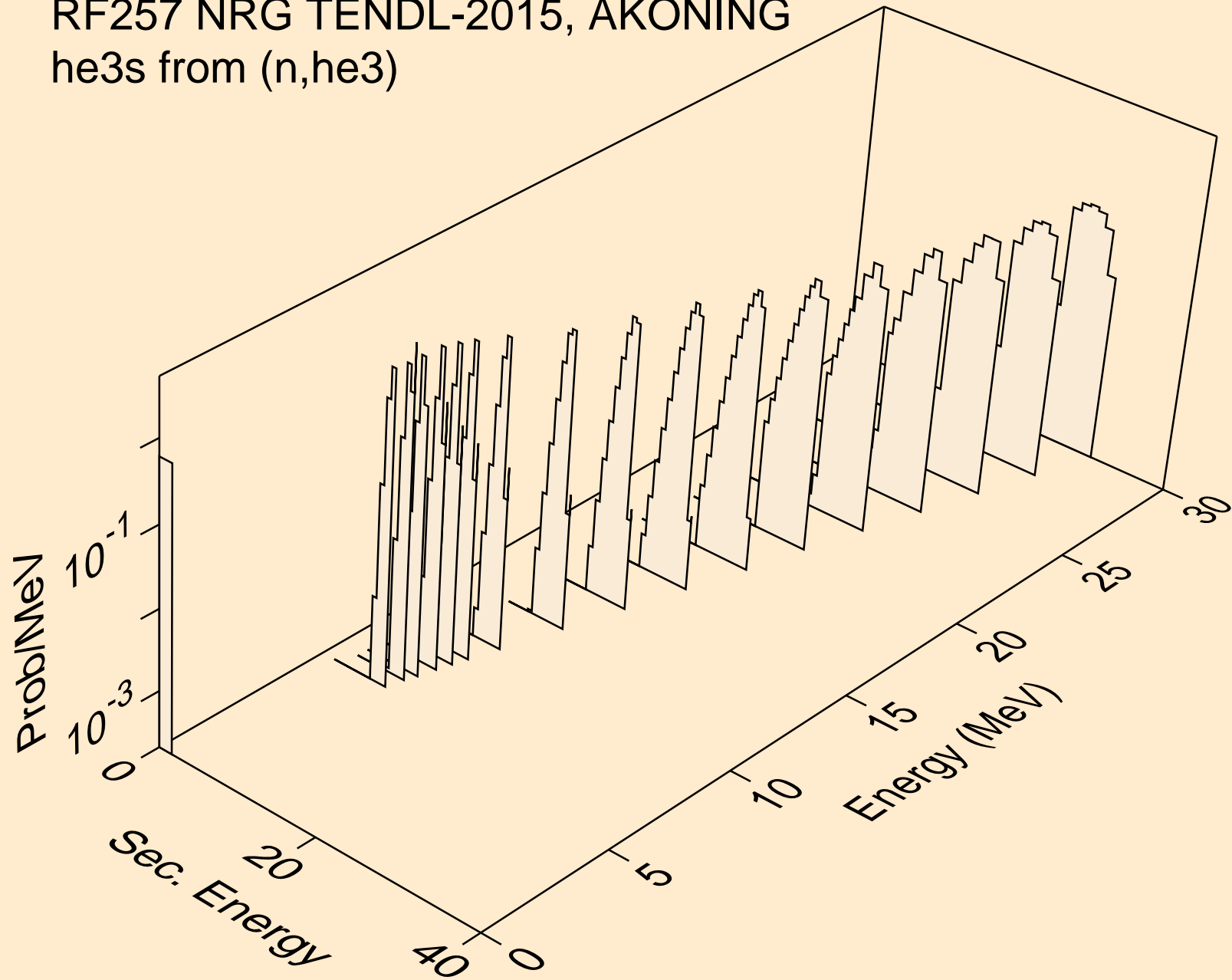
RF257 NRG TENDL-2015, AKONING  
he3s from (n,x)



RF257 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

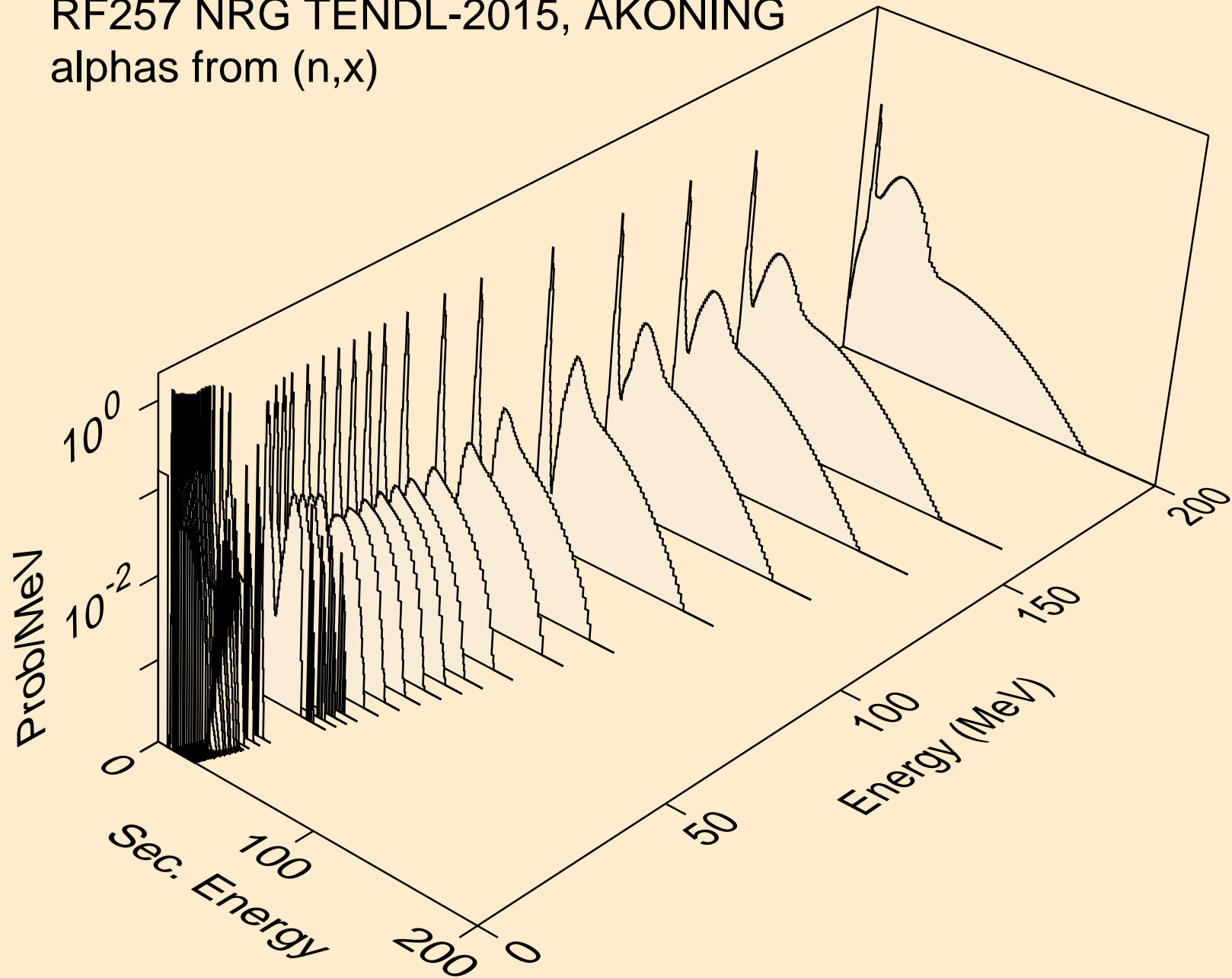


RF257 NRG TENDL-2015, AKONING  
he3s from (n,he3)

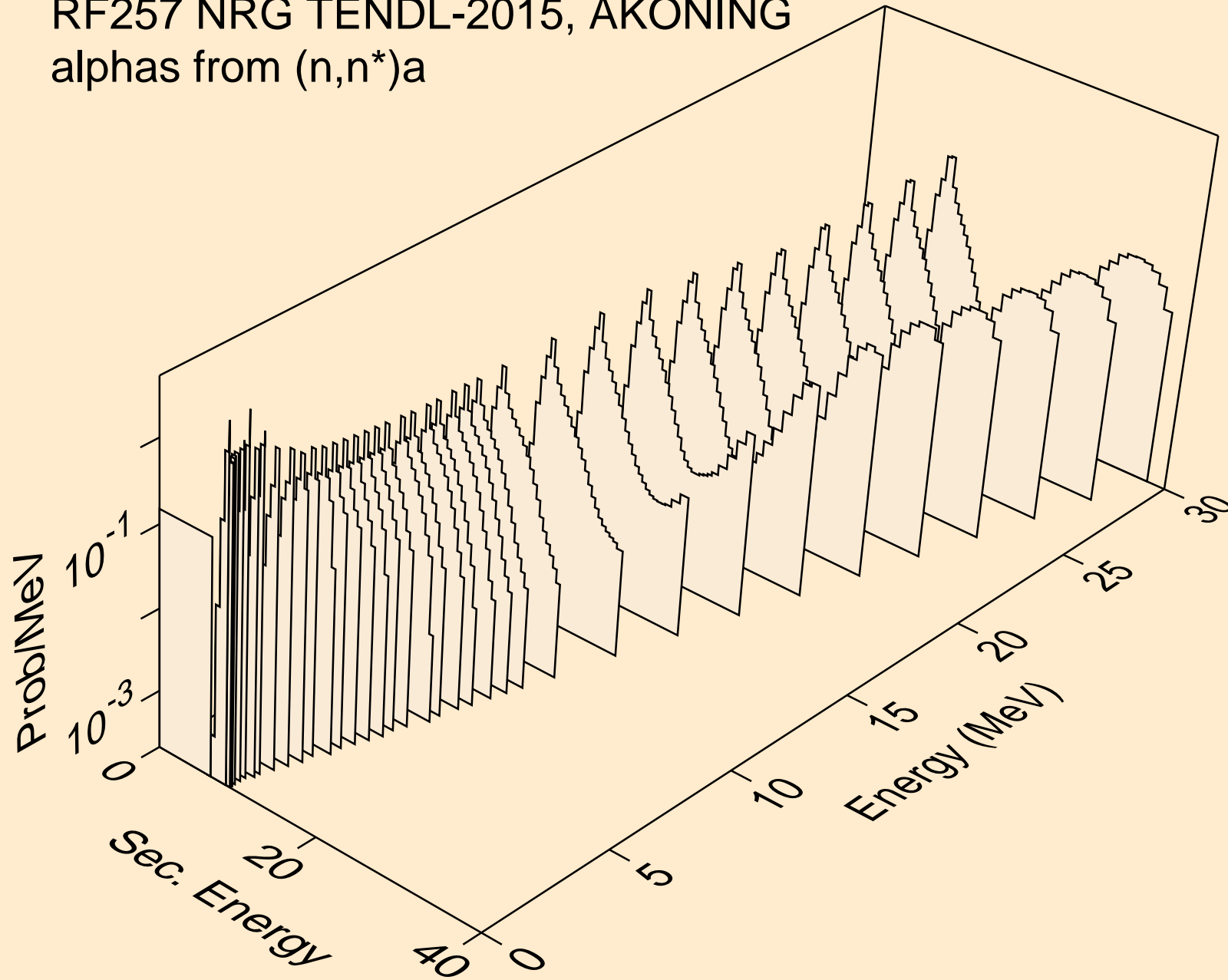




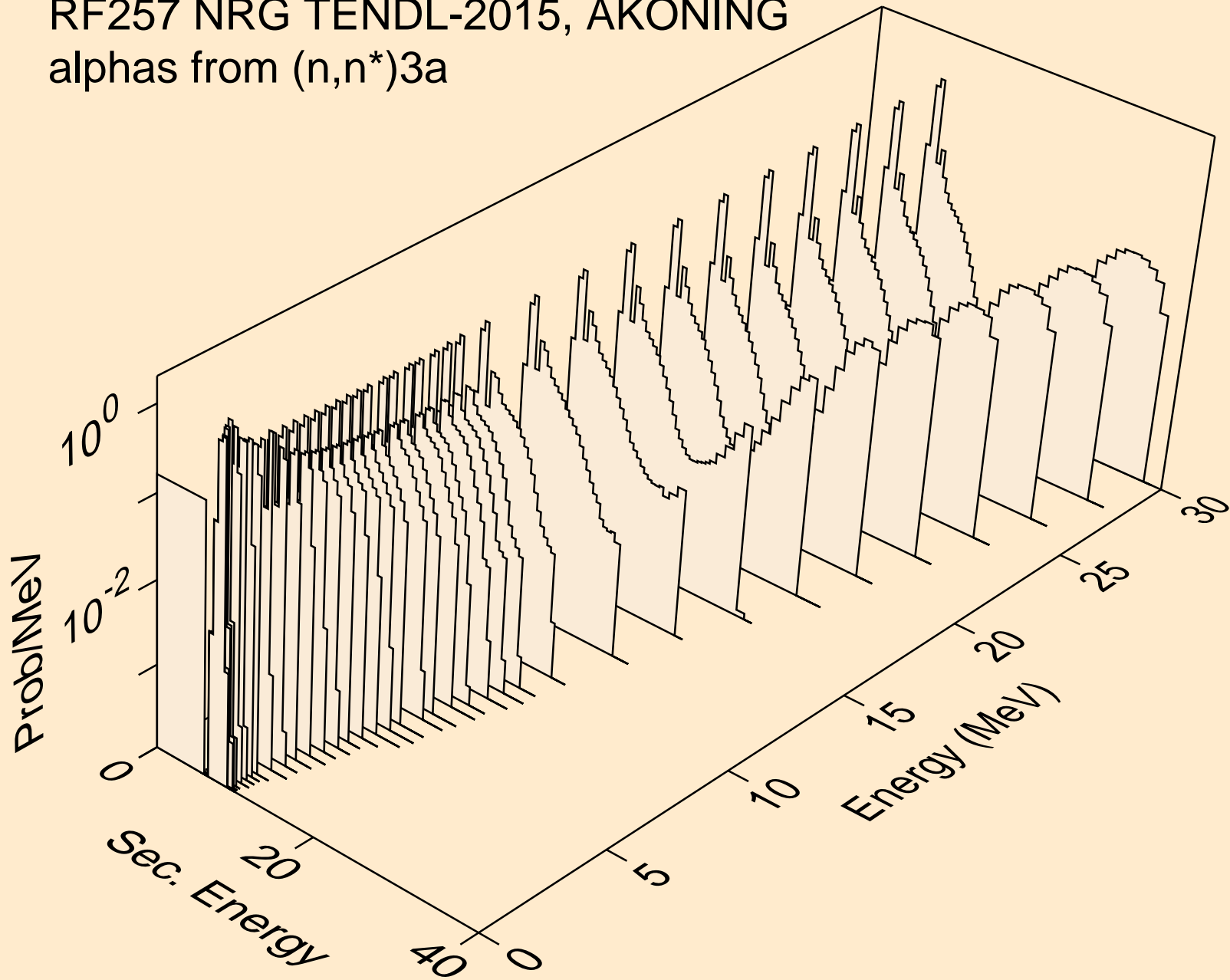
RF257 NRG TENDL-2015, AKONING  
alphas from (n,x)



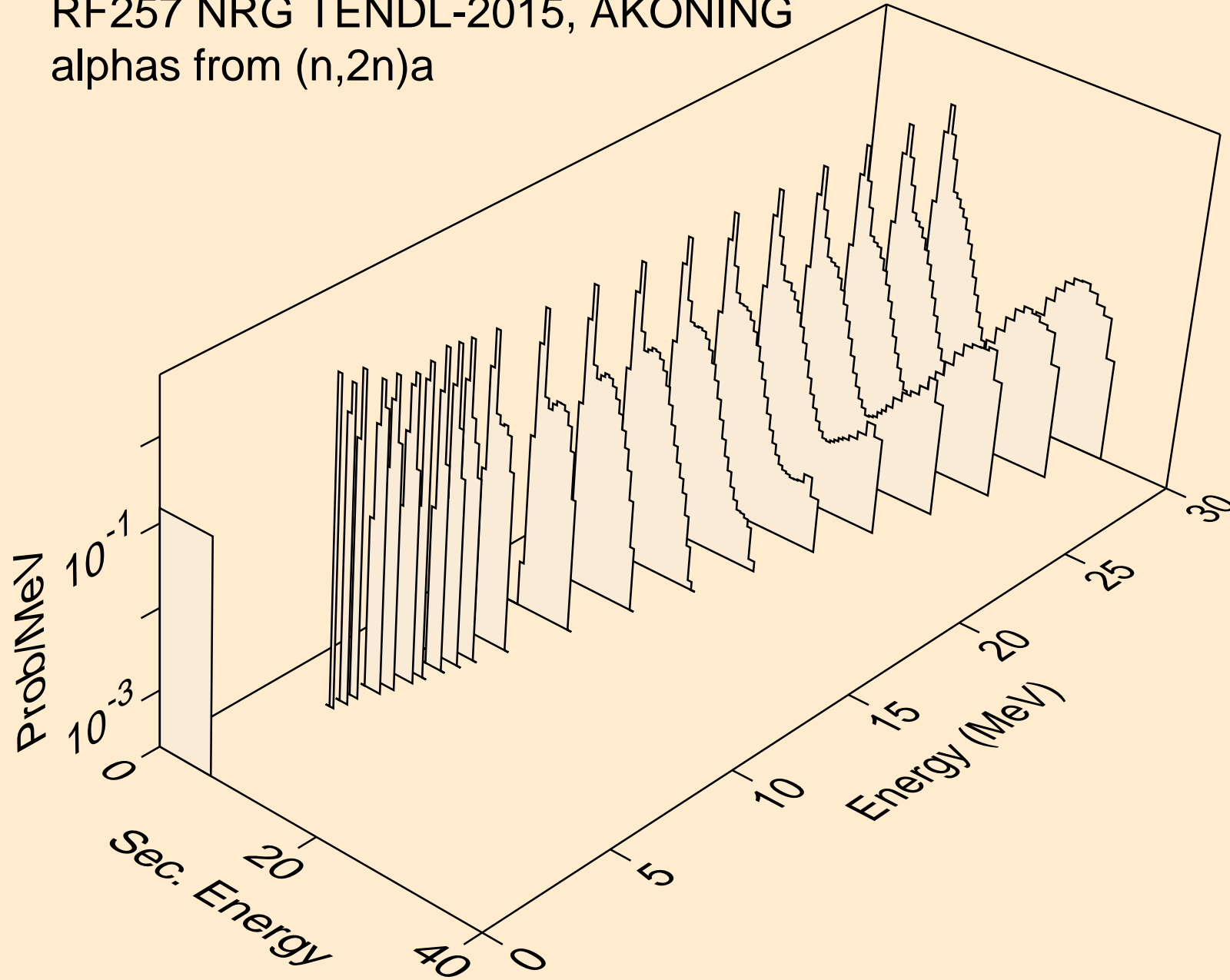
RF257 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



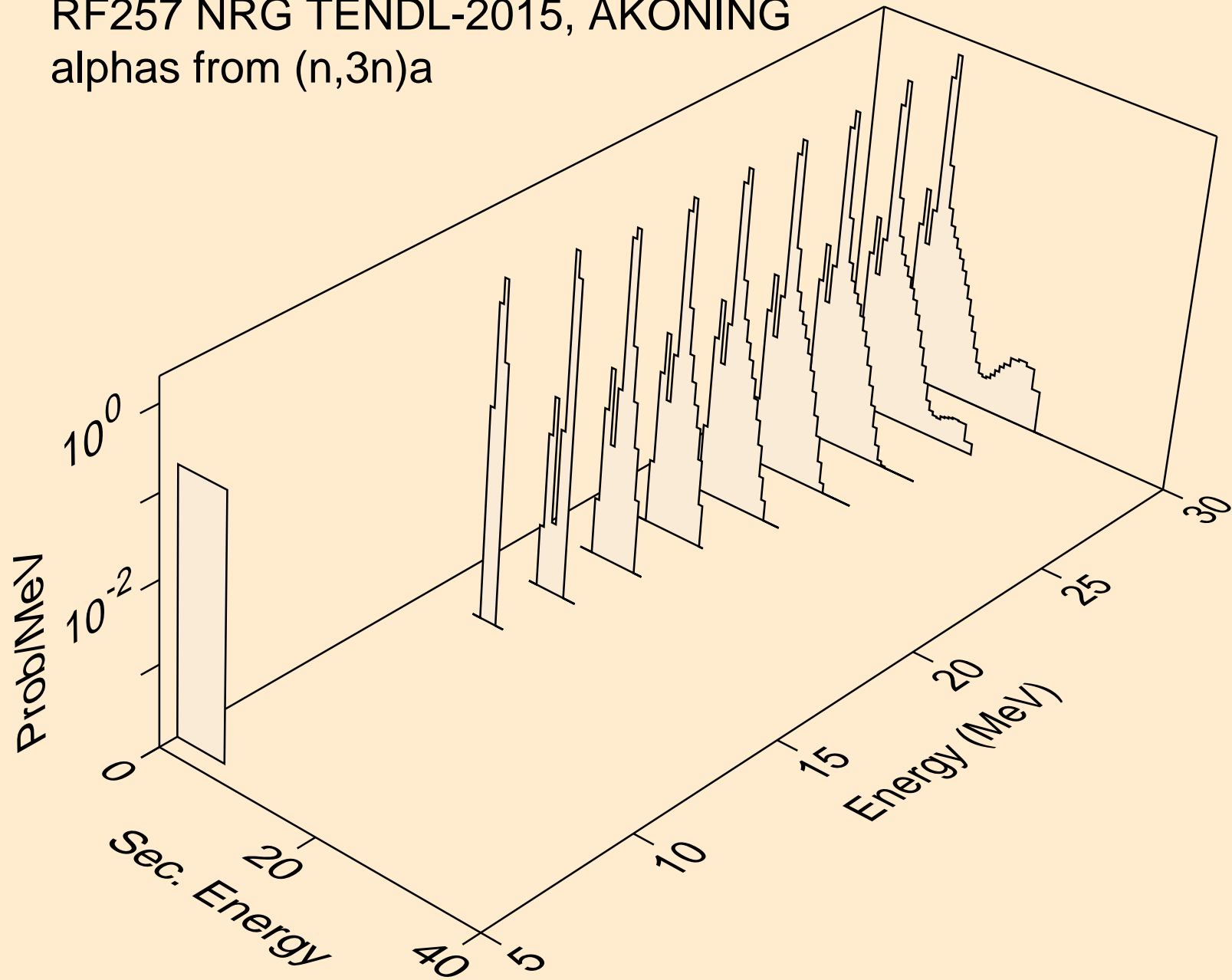
RF257 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a



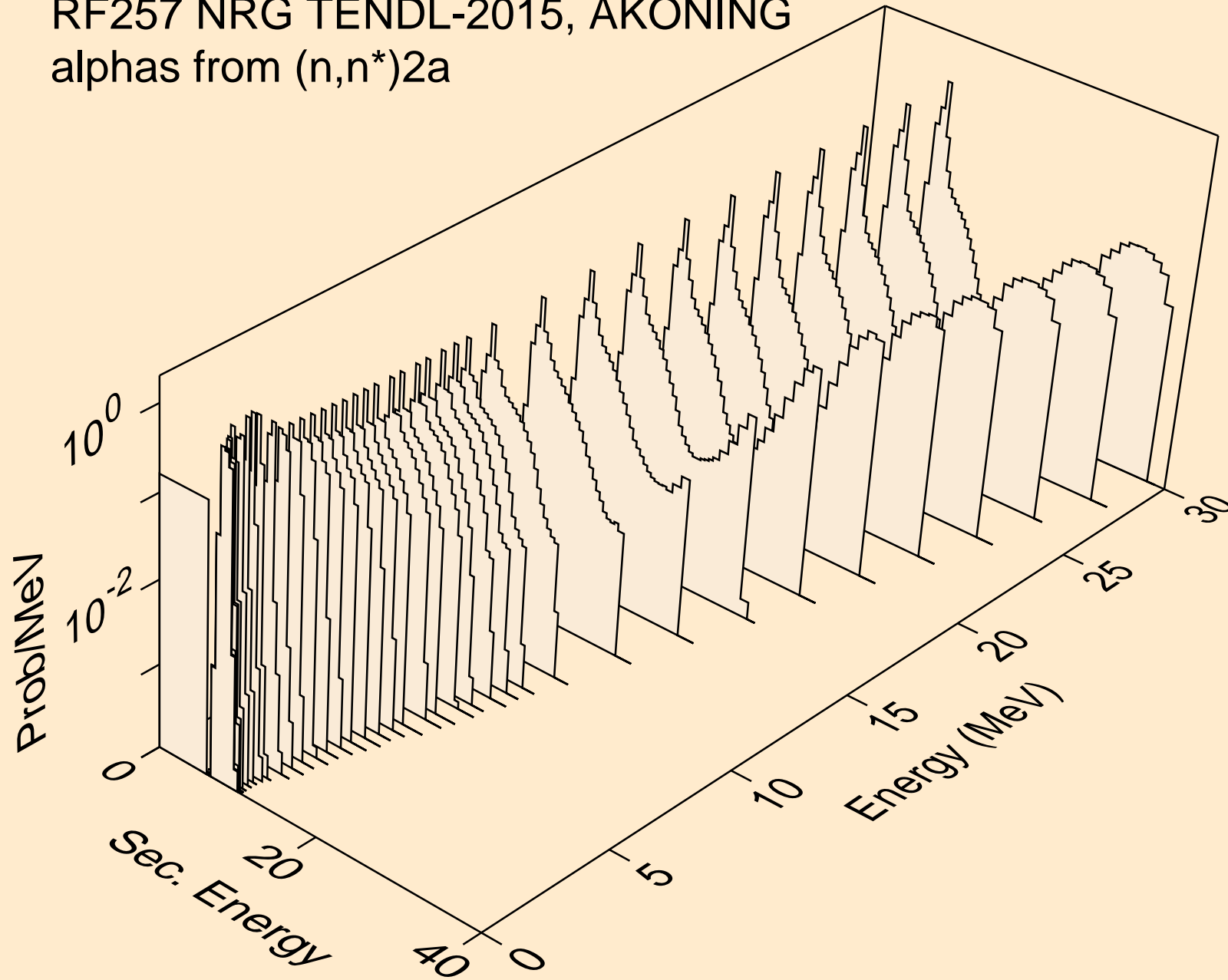
RF257 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



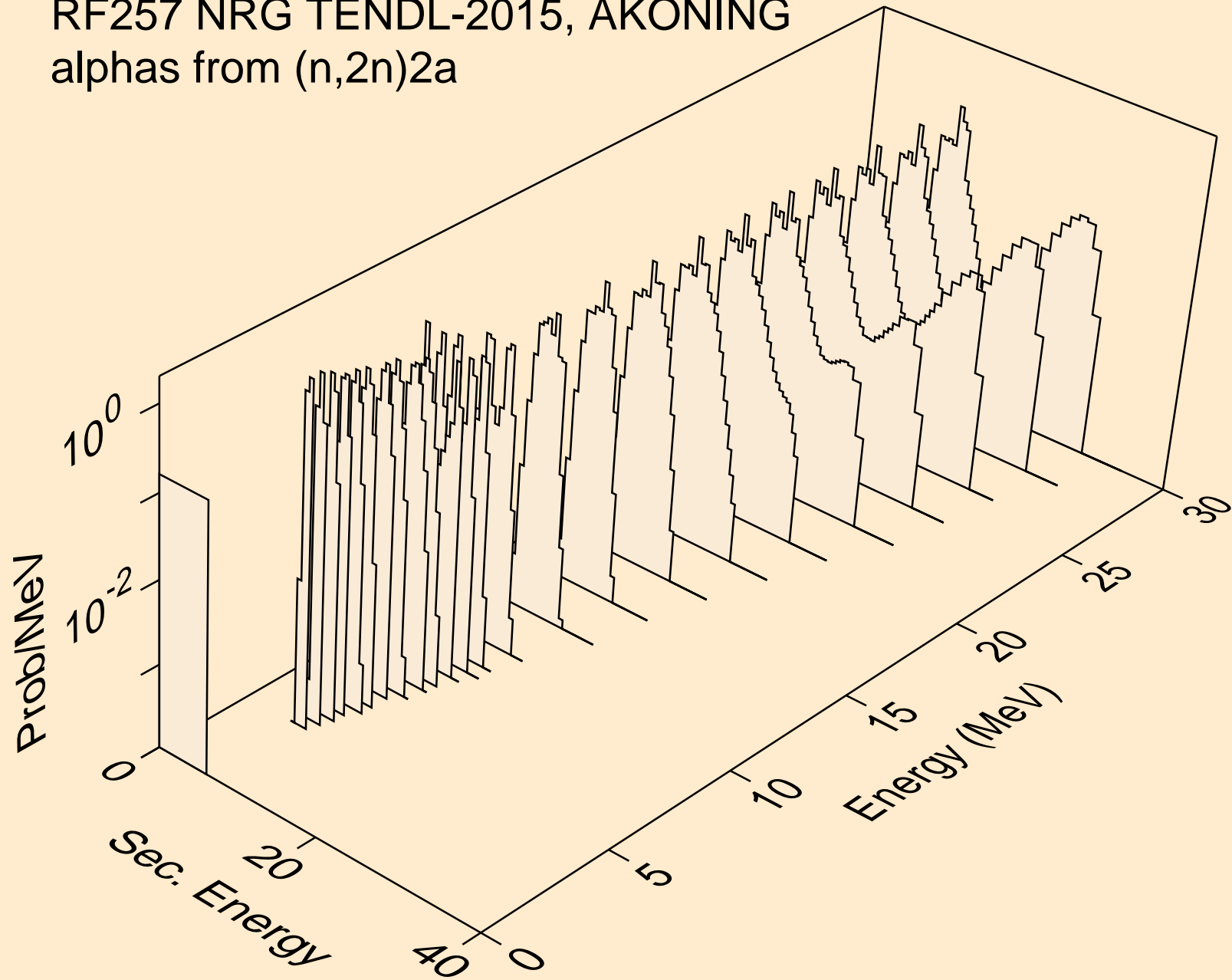
RF257 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



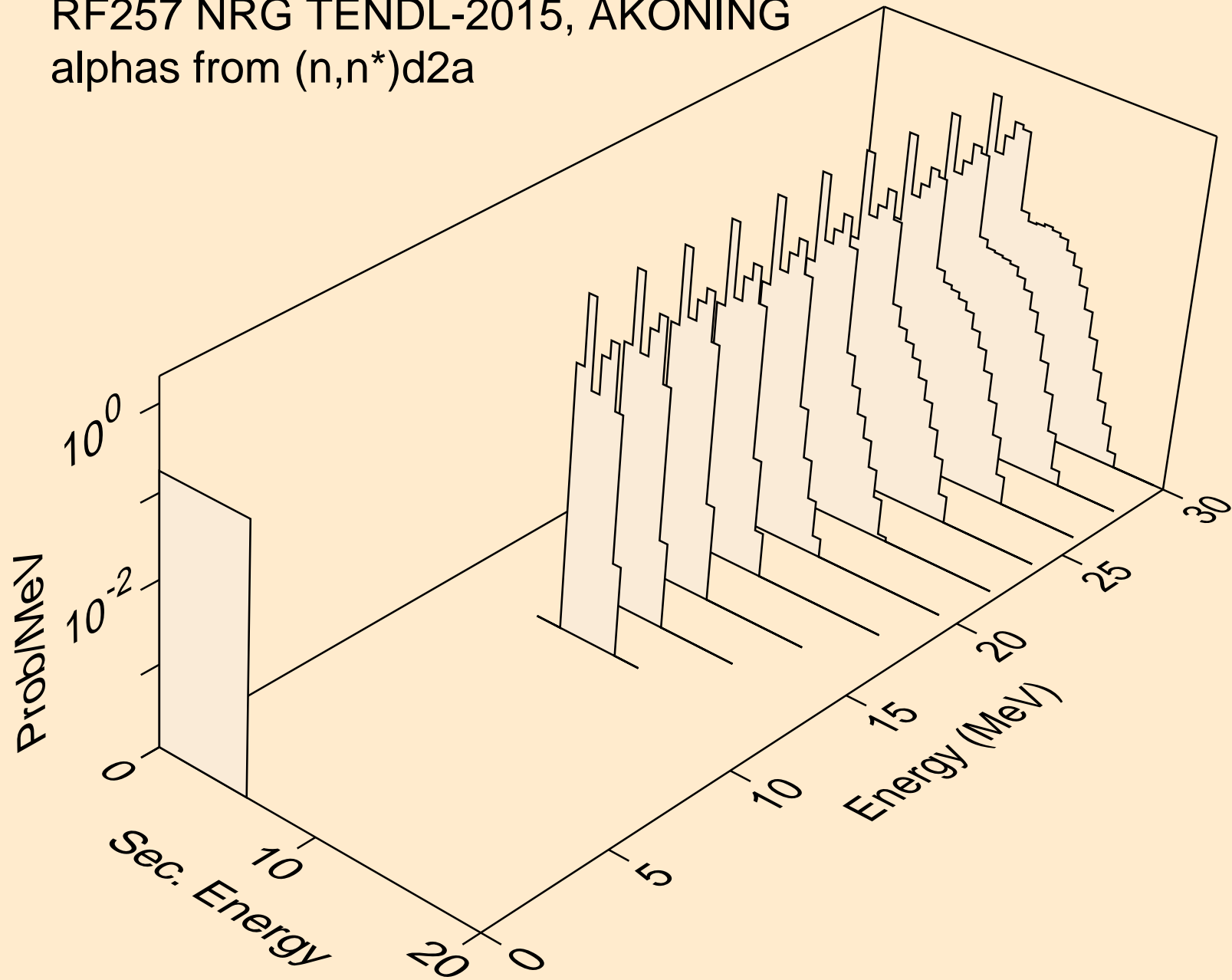
RF257 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



RF257 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a

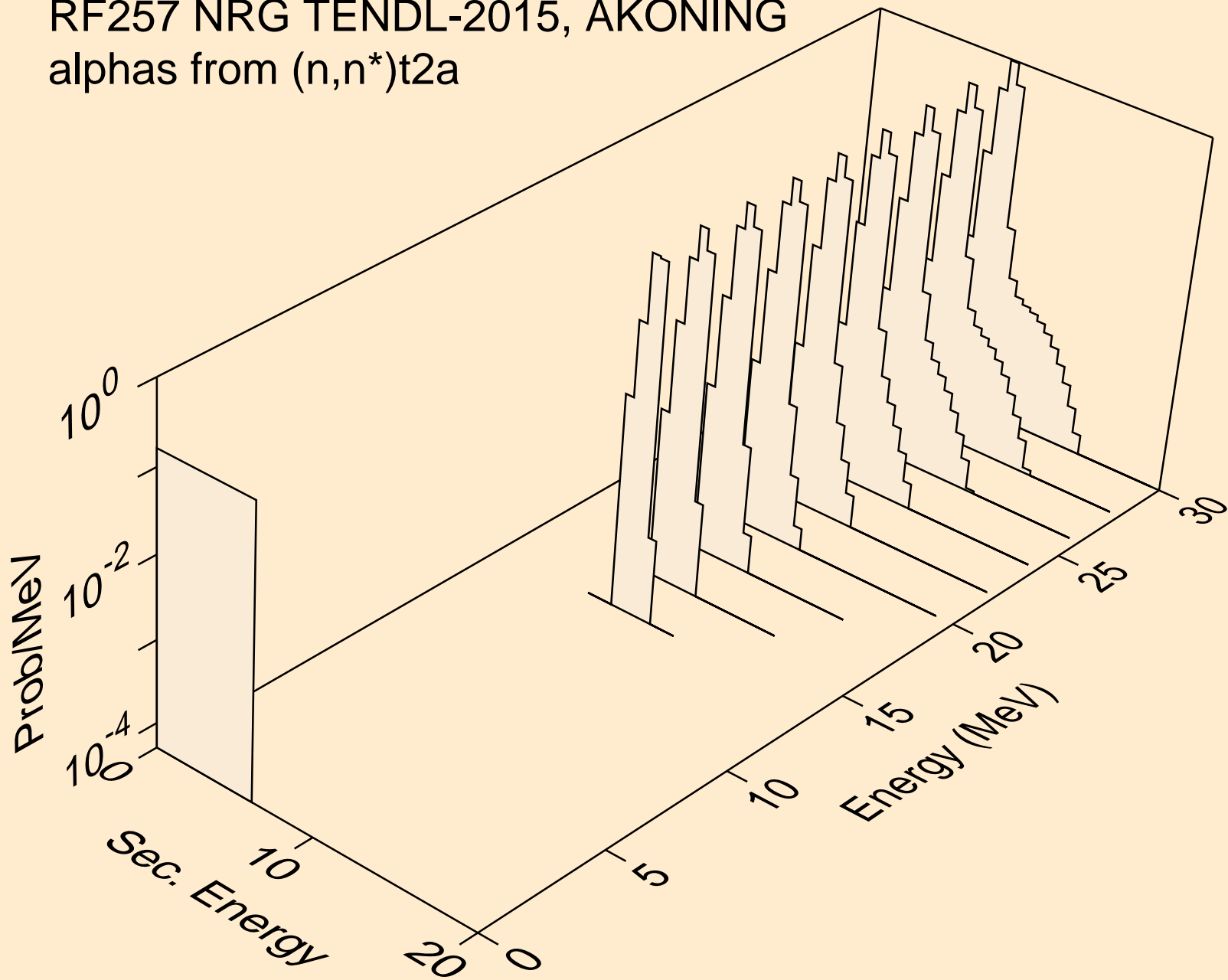


RF257 NRG TENDL-2015, AKONING  
alphas from (n,n\*)d2a

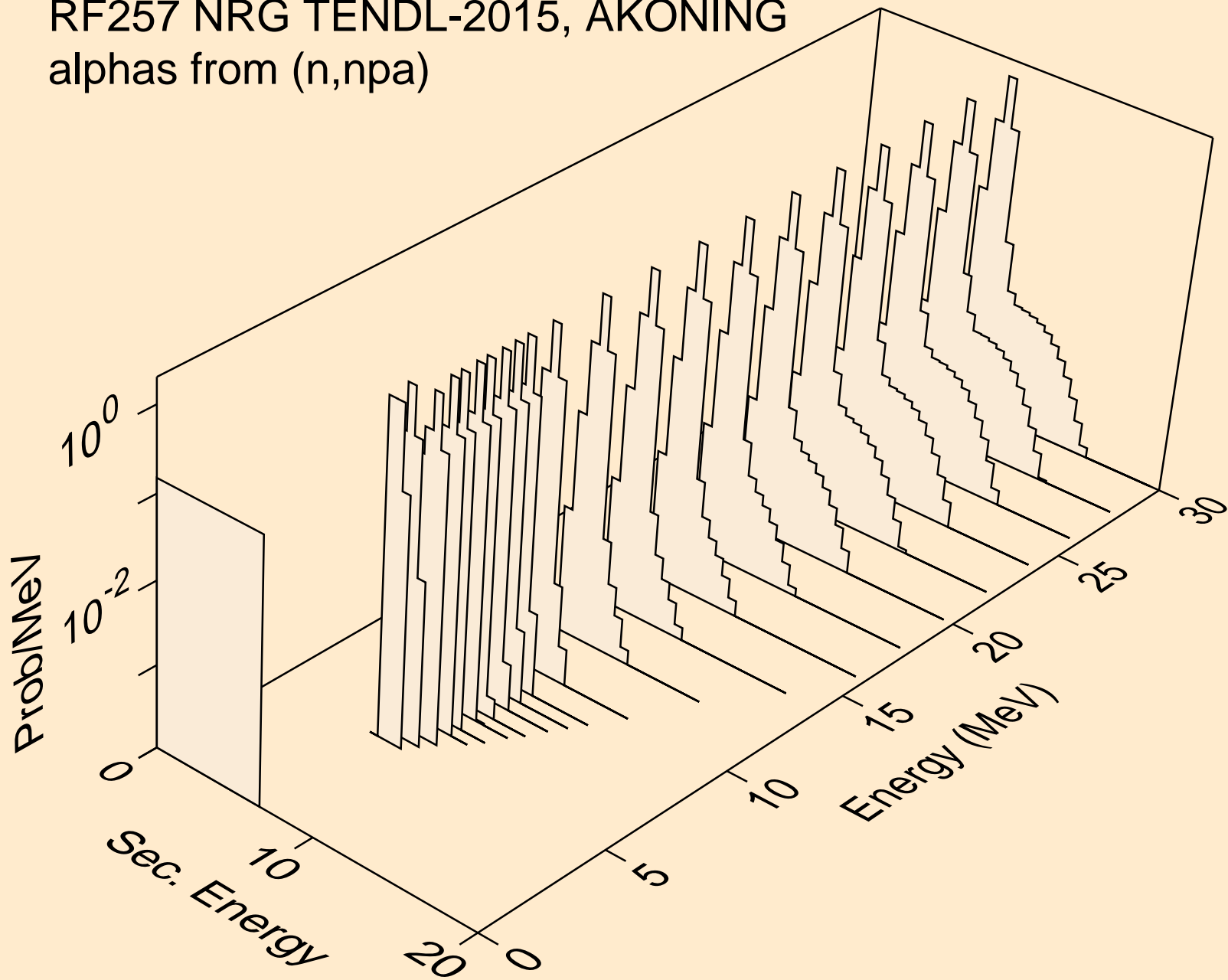




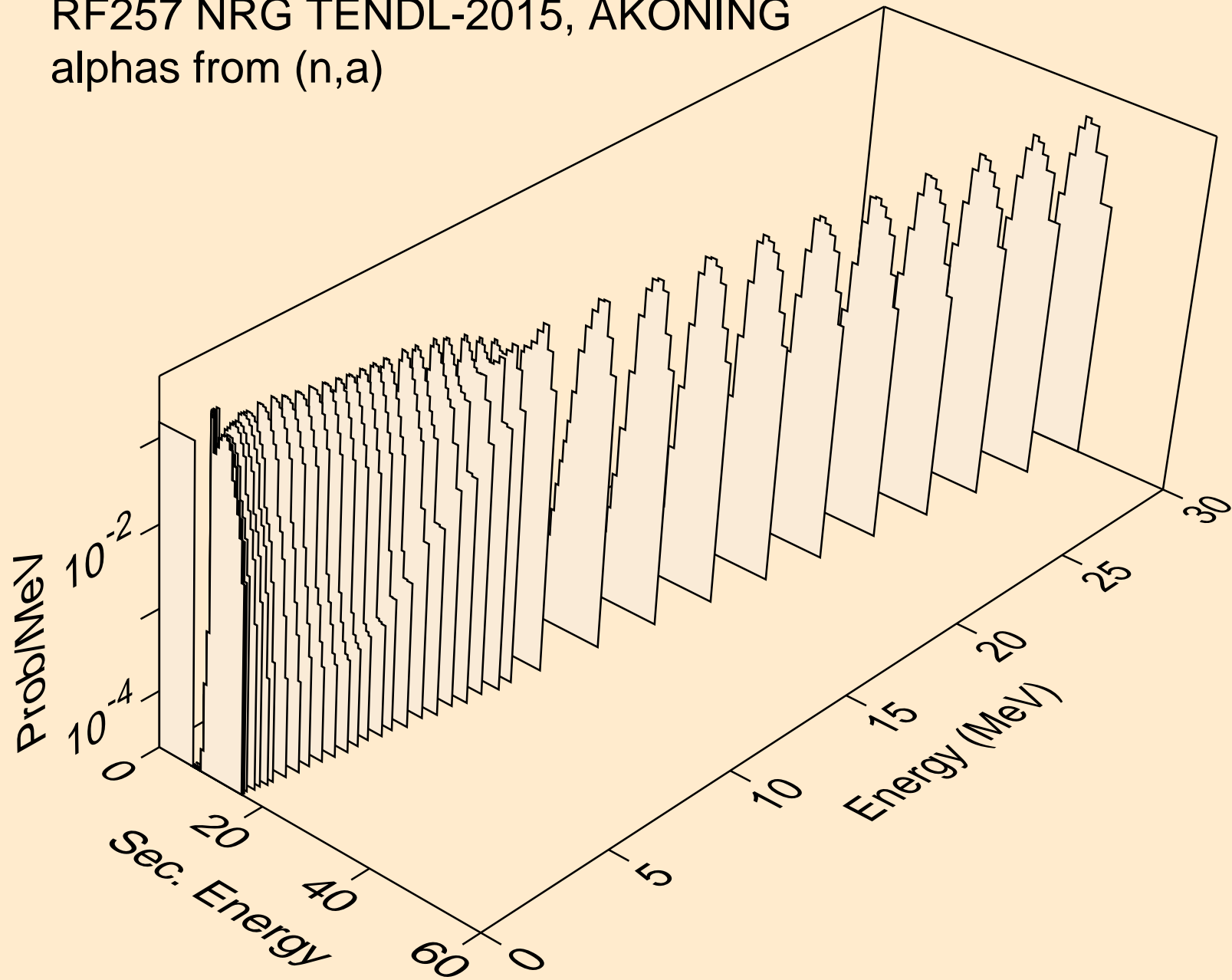
RF257 NRG TENDL-2015, AKONING  
alphas from (n,n\*)t2a



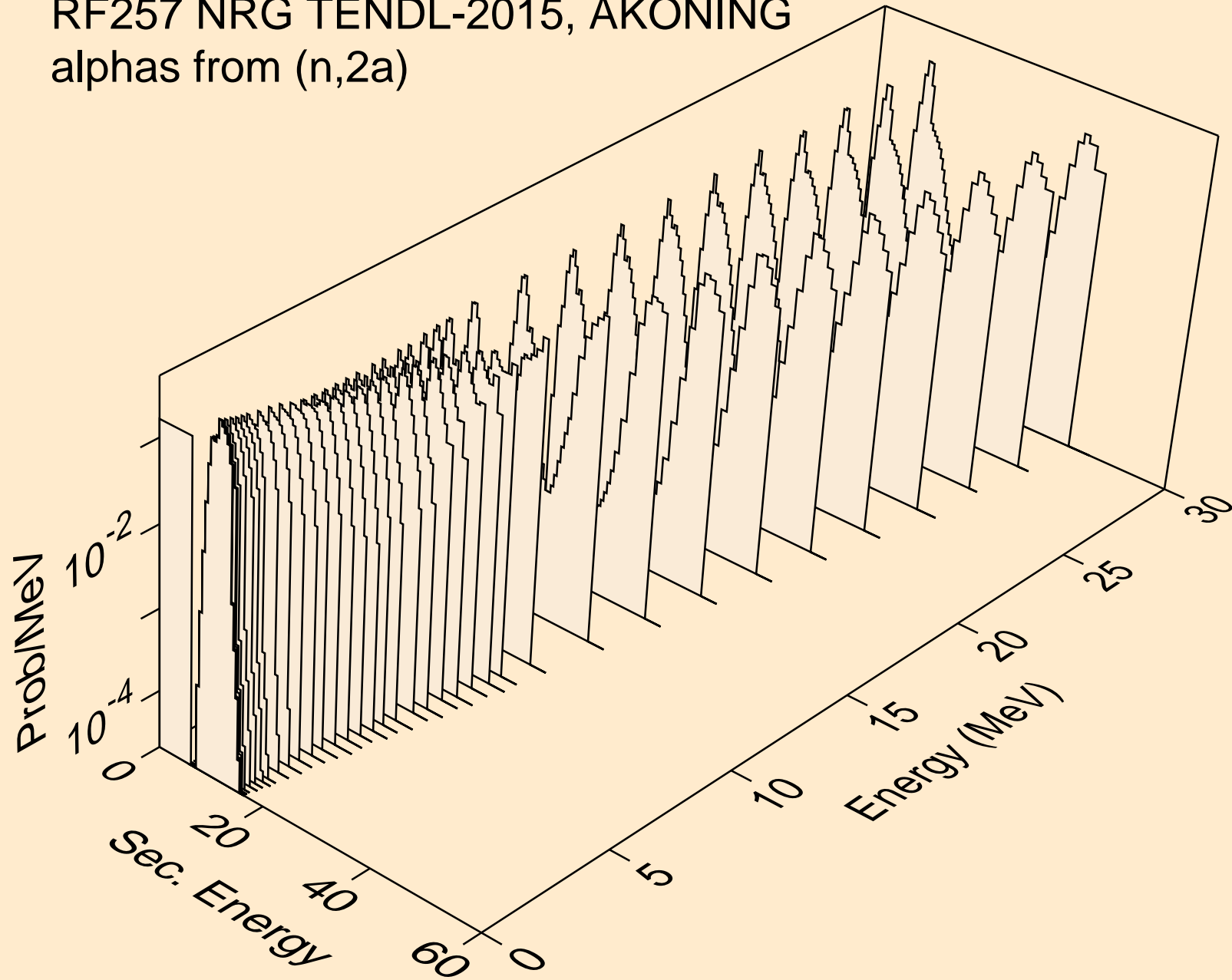
RF257 NRG TENDL-2015, AKONING  
alphas from (n,npa)



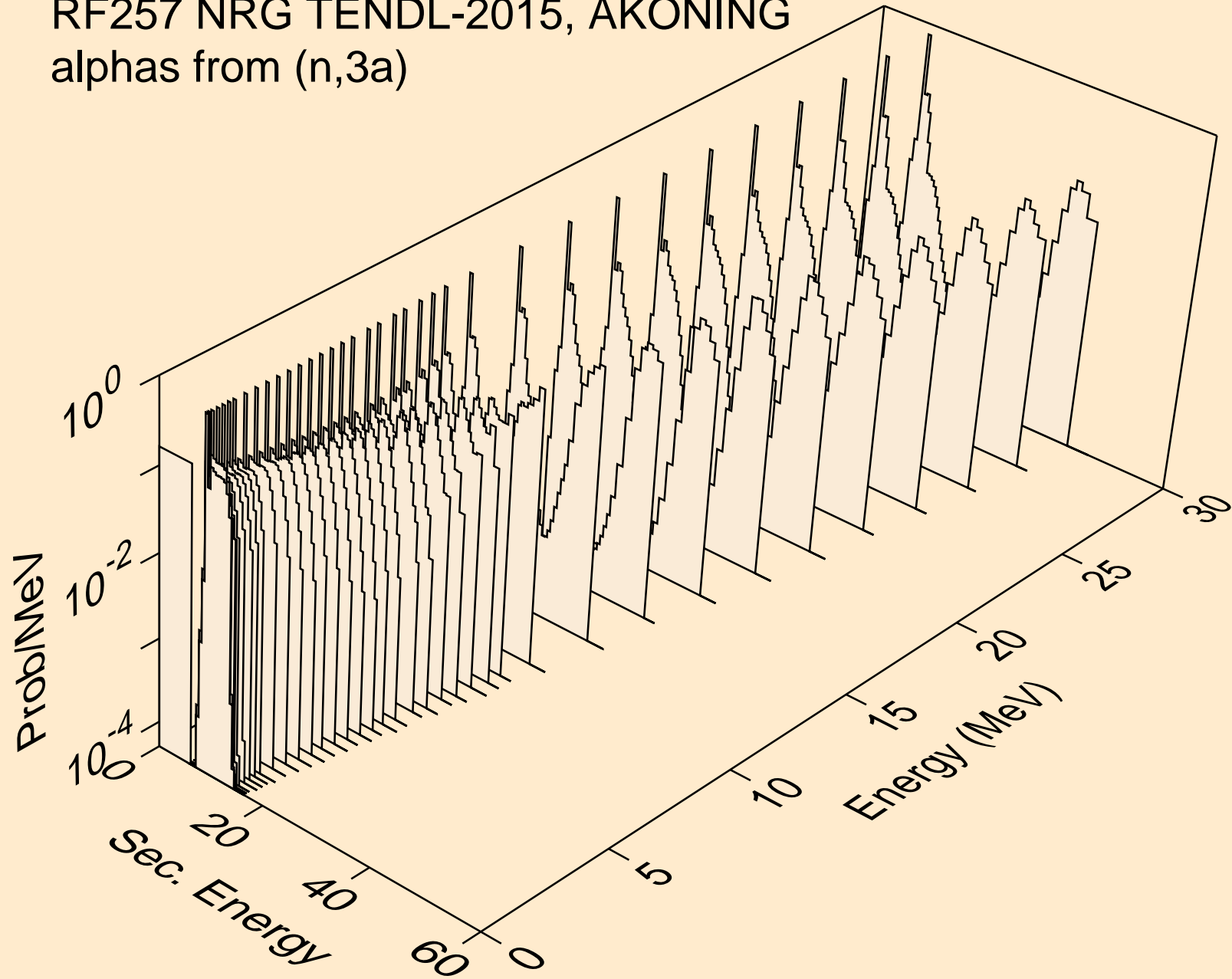
RF257 NRG TENDL-2015, AKONING  
alphas from (n,a)



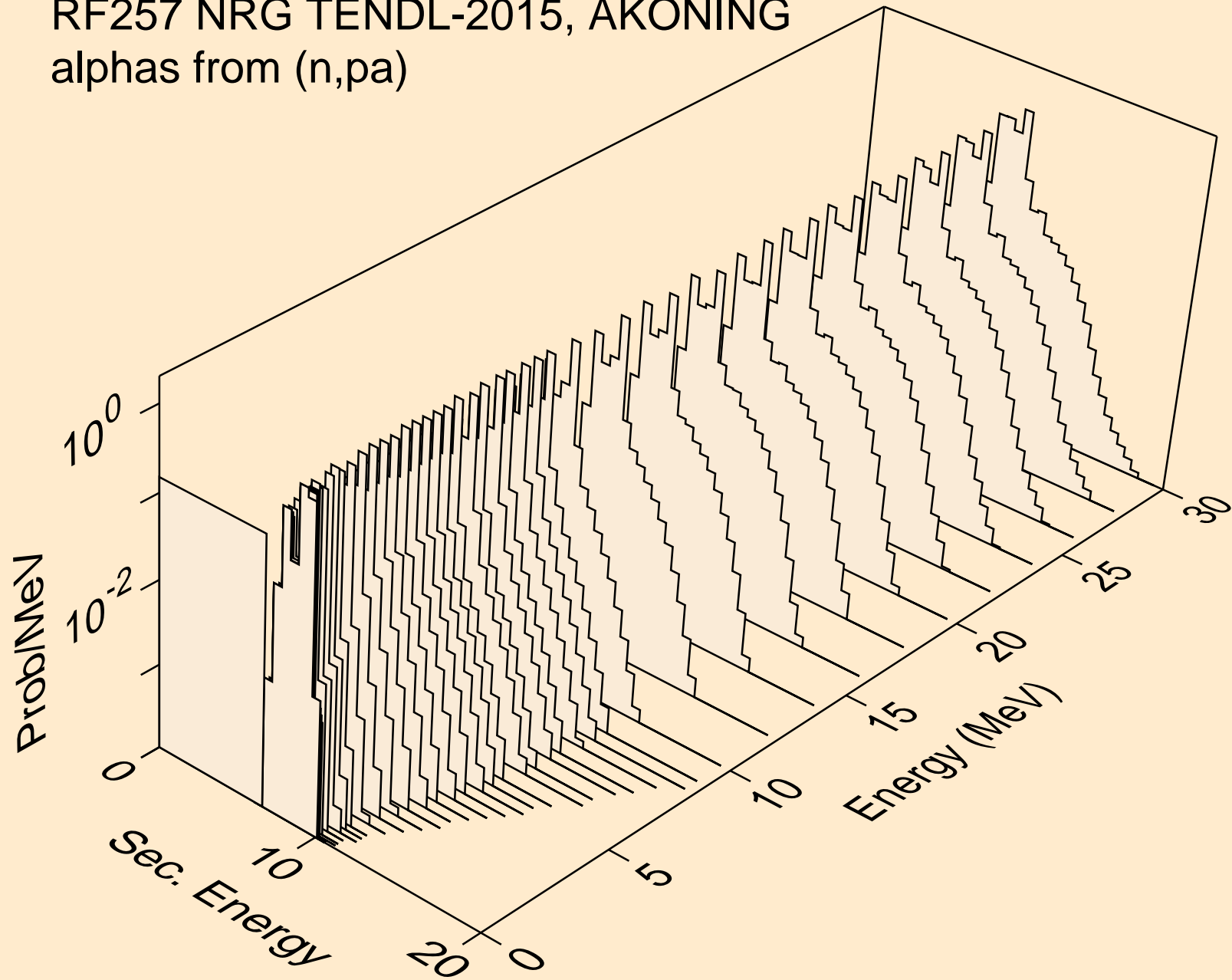
RF257 NRG TENDL-2015, AKONING  
alphas from (n,2a)



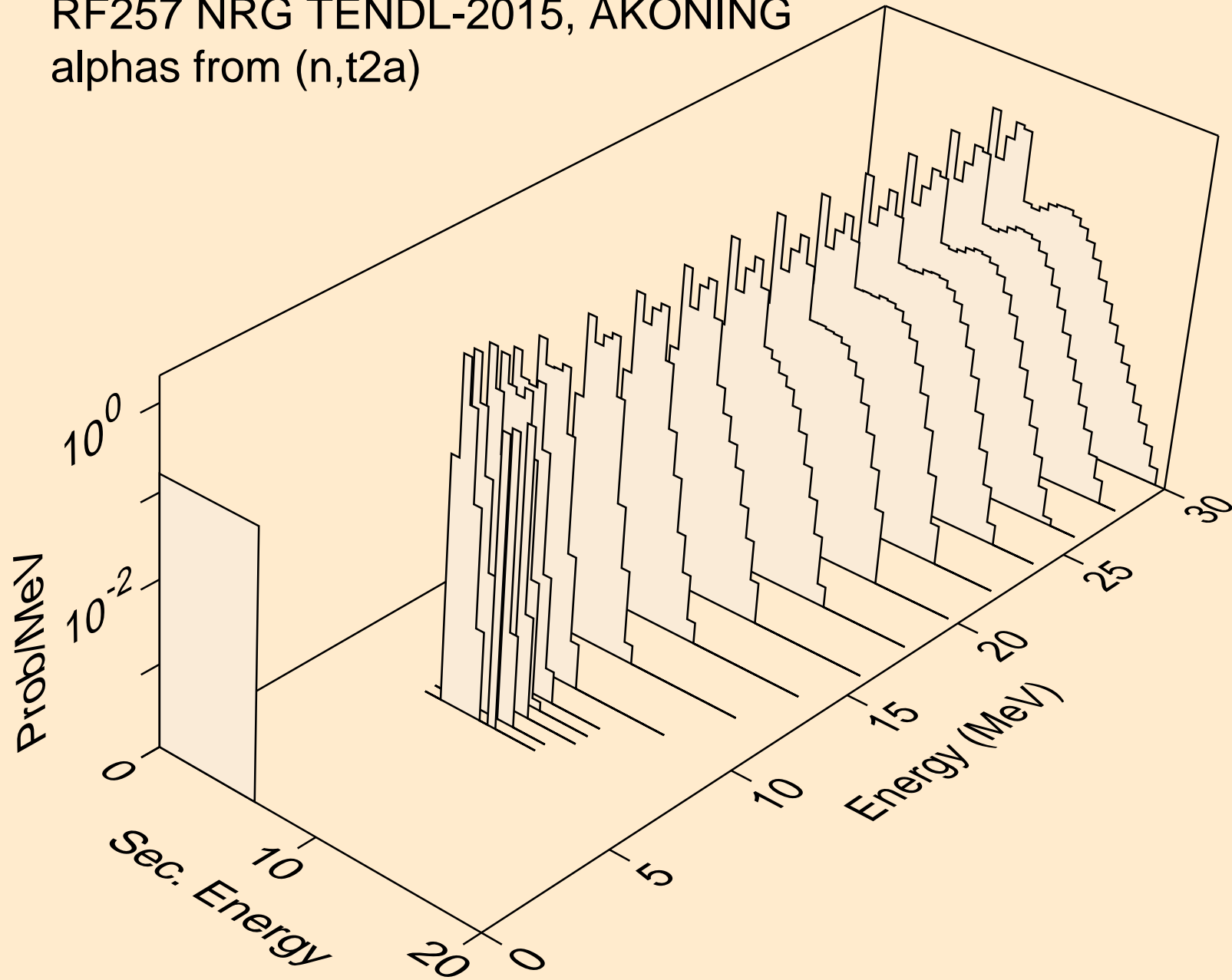
RF257 NRG TENDL-2015, AKONING  
alphas from (n,3a)



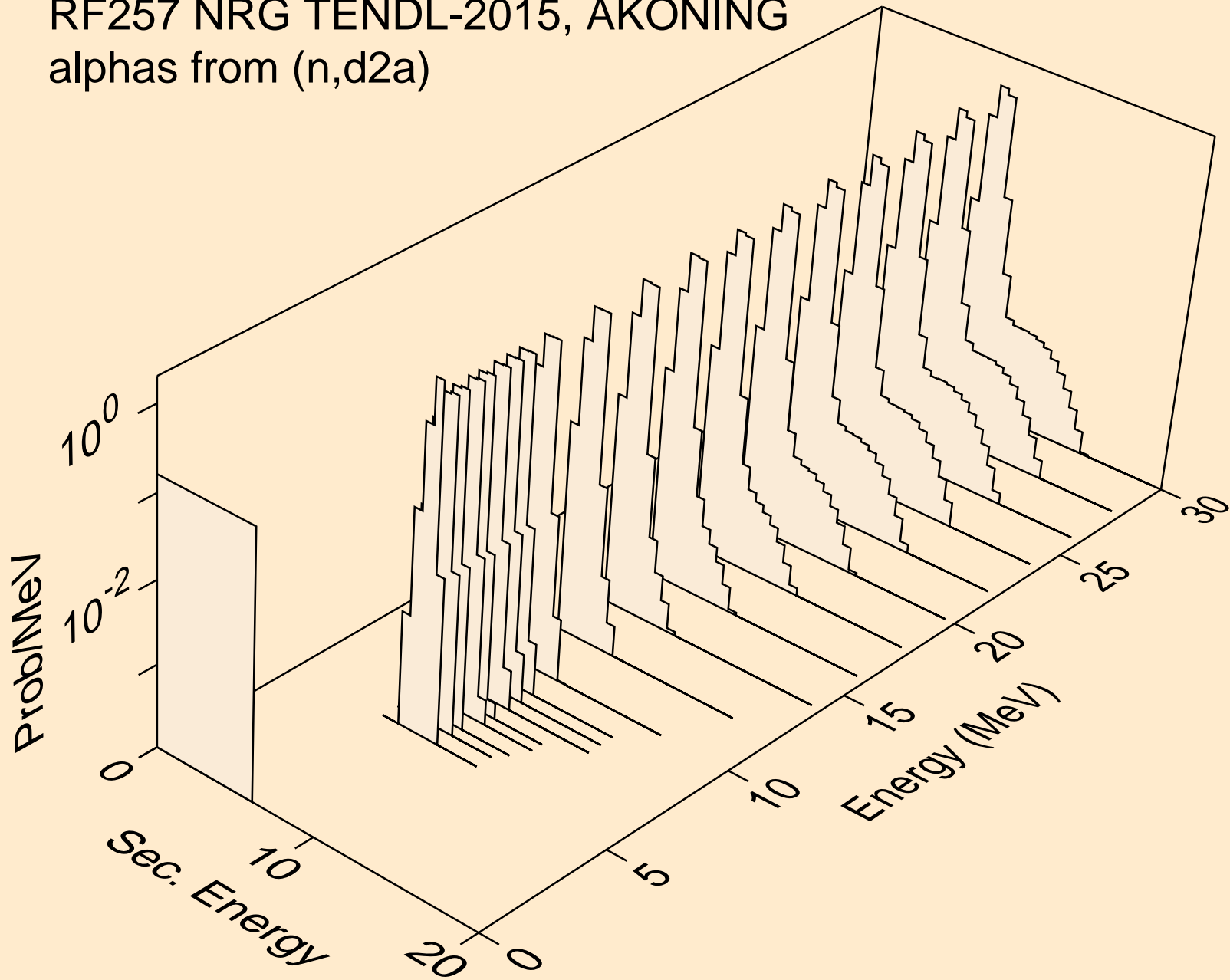
RF257 NRG TENDL-2015, AKONING  
alphas from (n,pa)



RF257 NRG TENDL-2015, AKONING  
alphas from (n,t2a)



RF257 NRG TENDL-2015, AKONING  
alphas from (n,d2a)





RF257 NRG TENDL-2015, AKONING  
alphas from (n,da)

