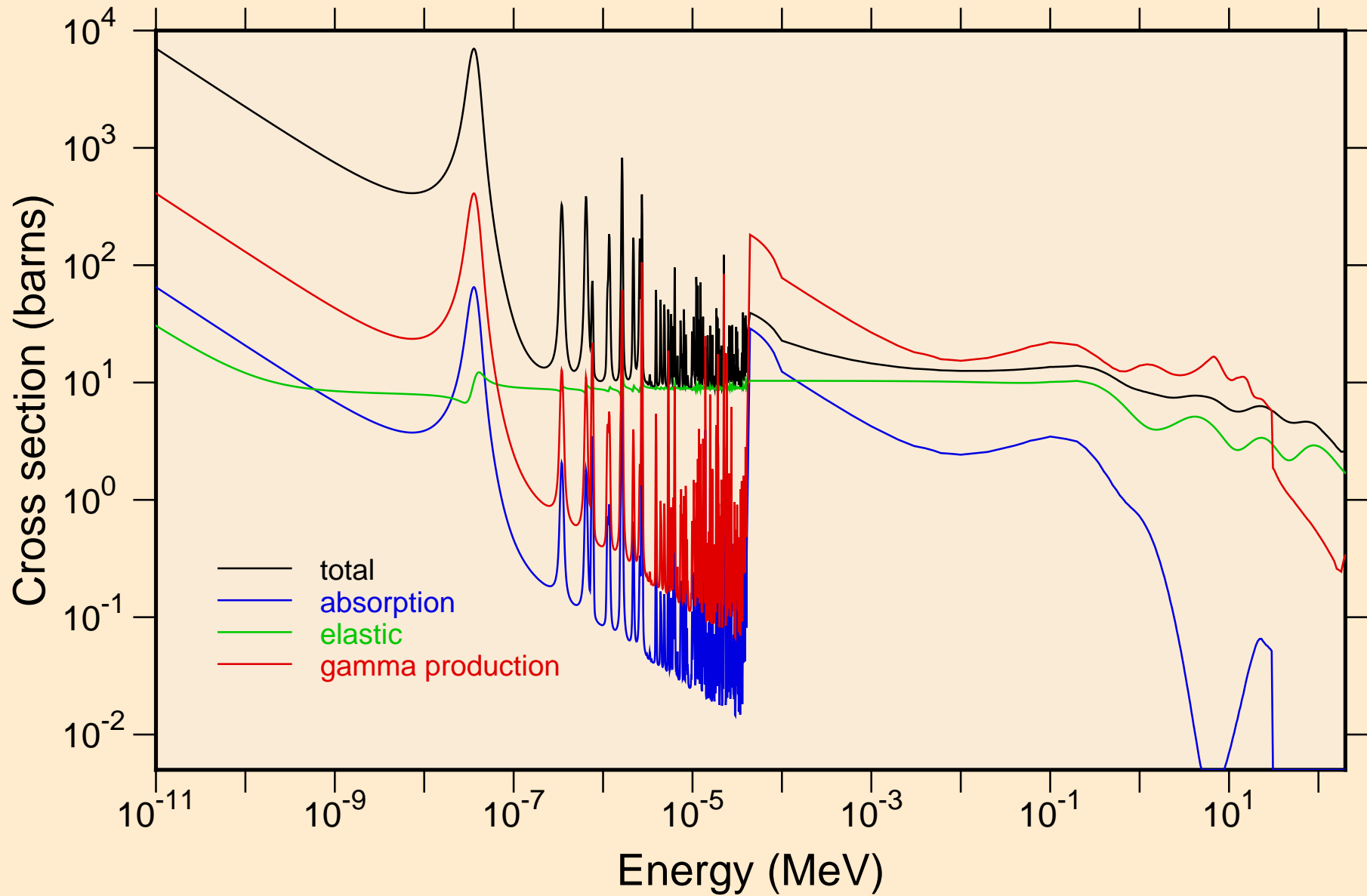
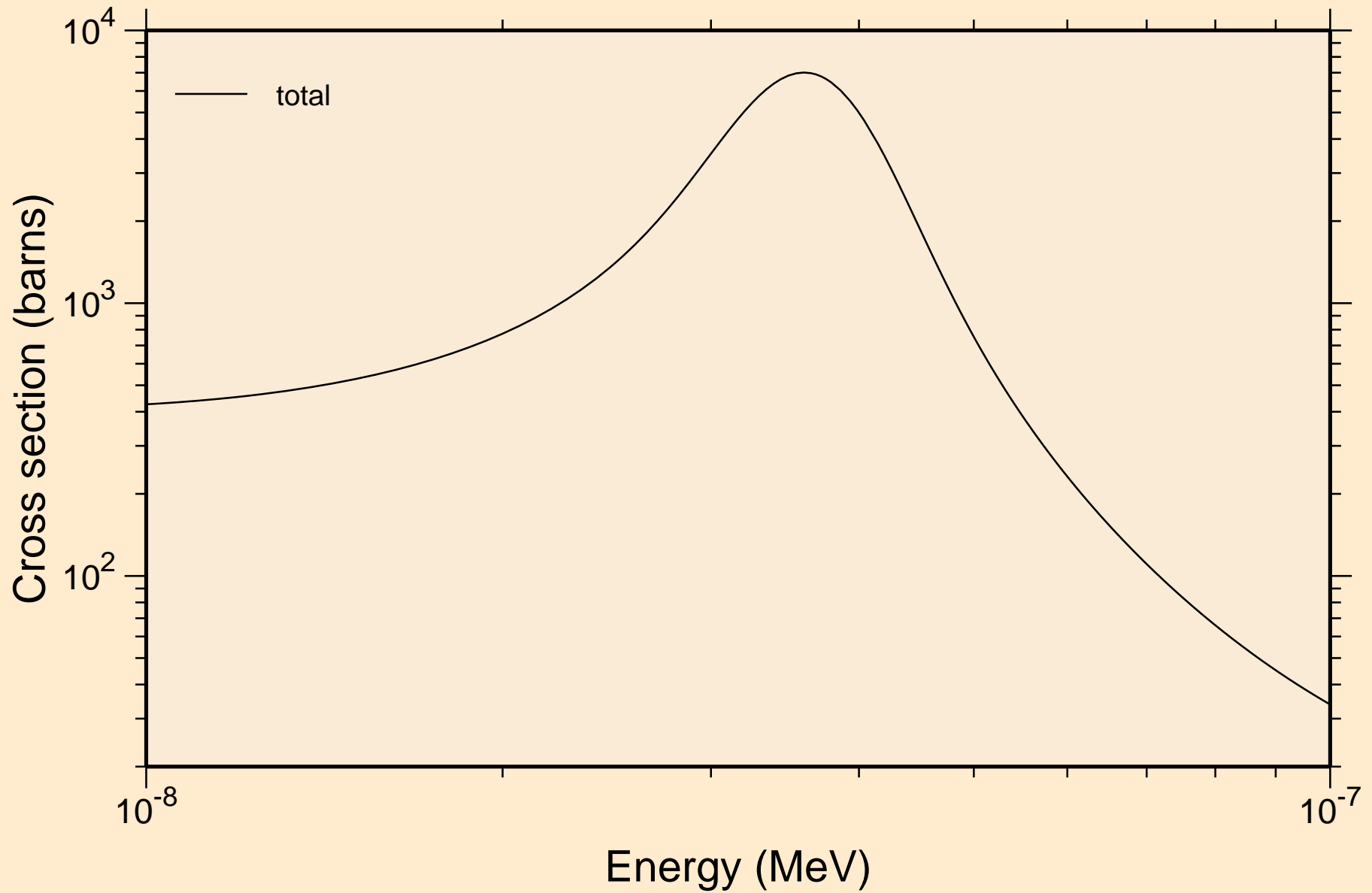


# ES246 NRG TENDL-2015, AKONING

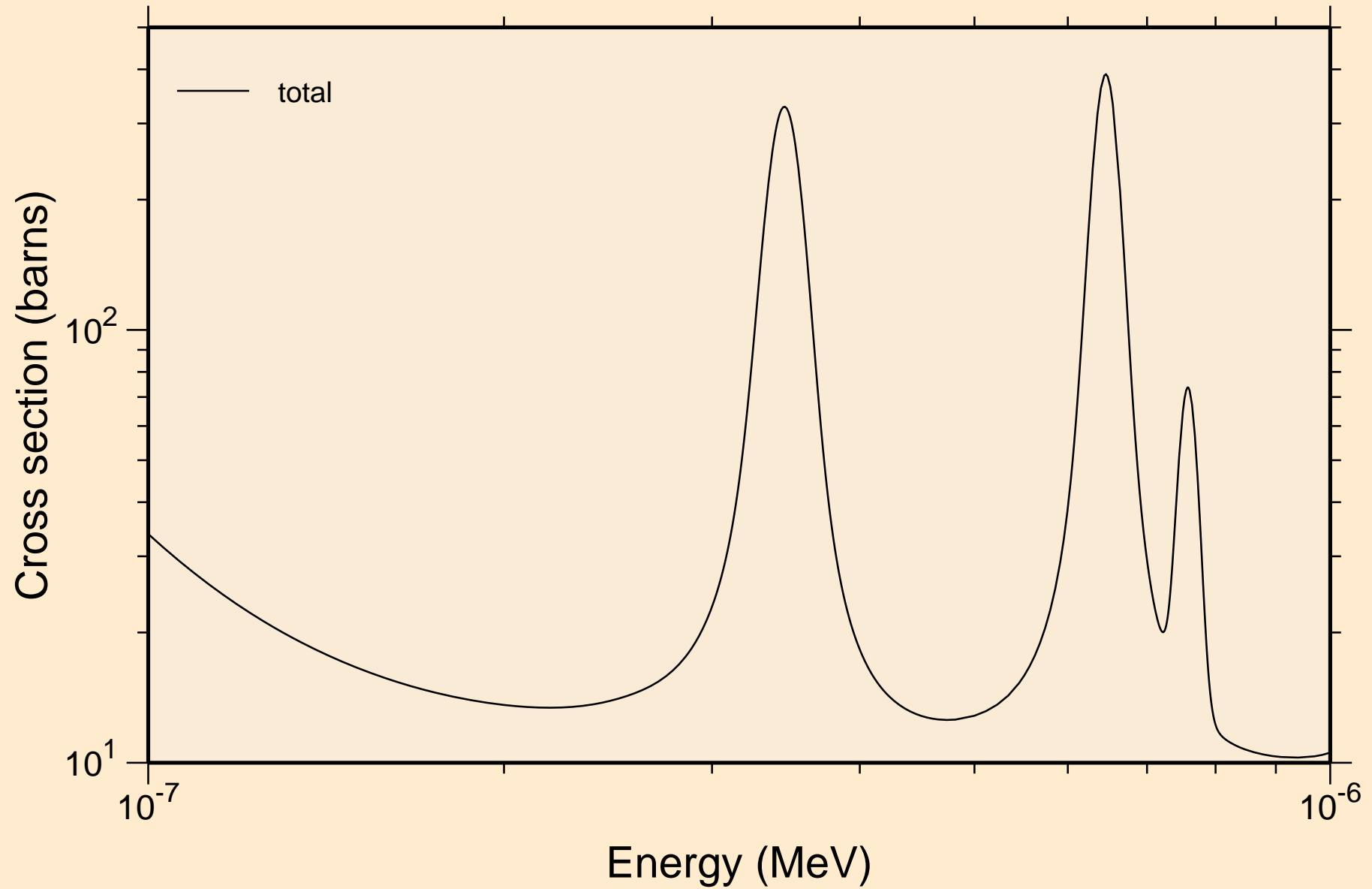
## Principal cross sections



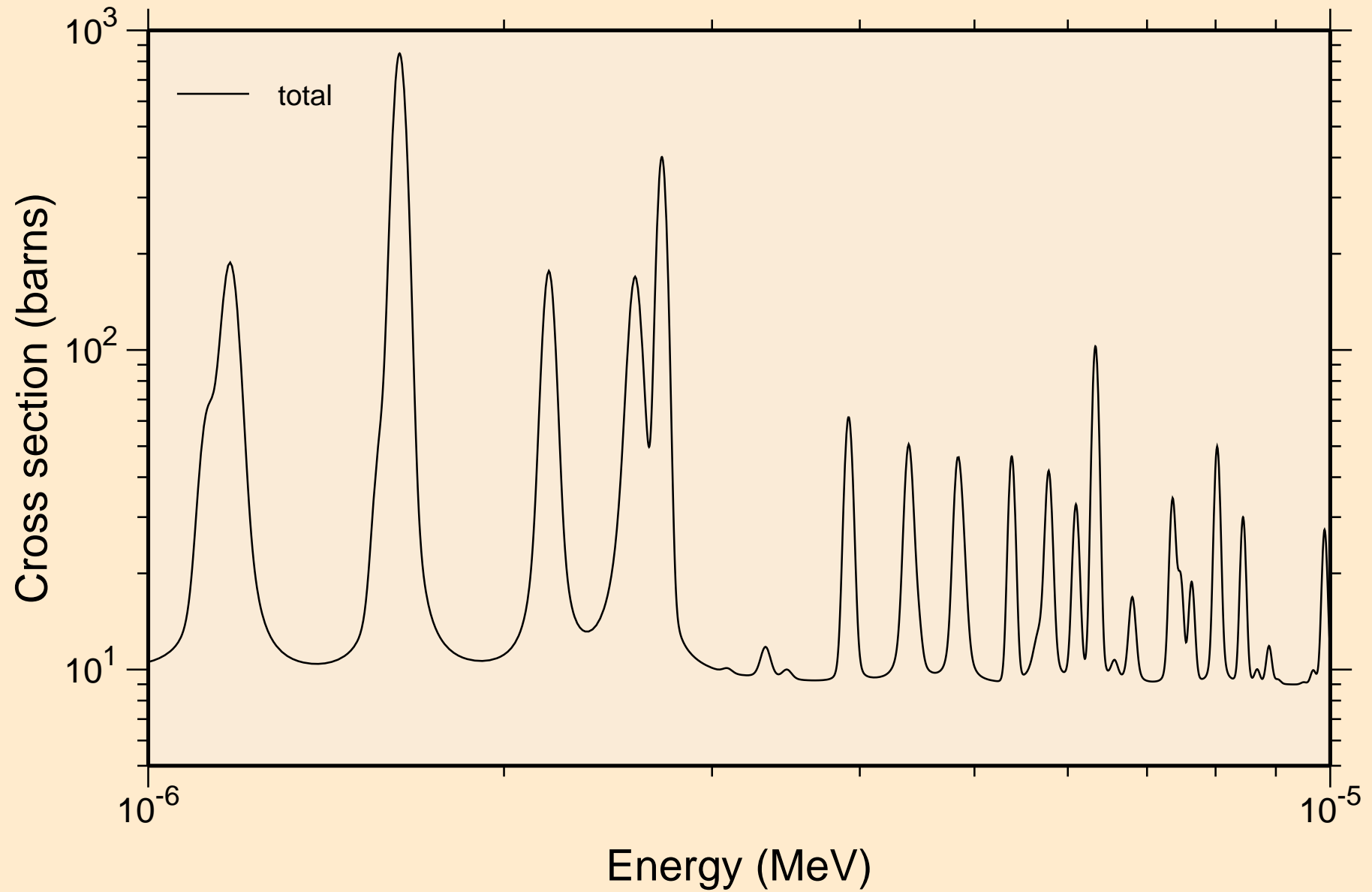
ES246 NRG TENDL-2015, AKONING  
resonance total cross section



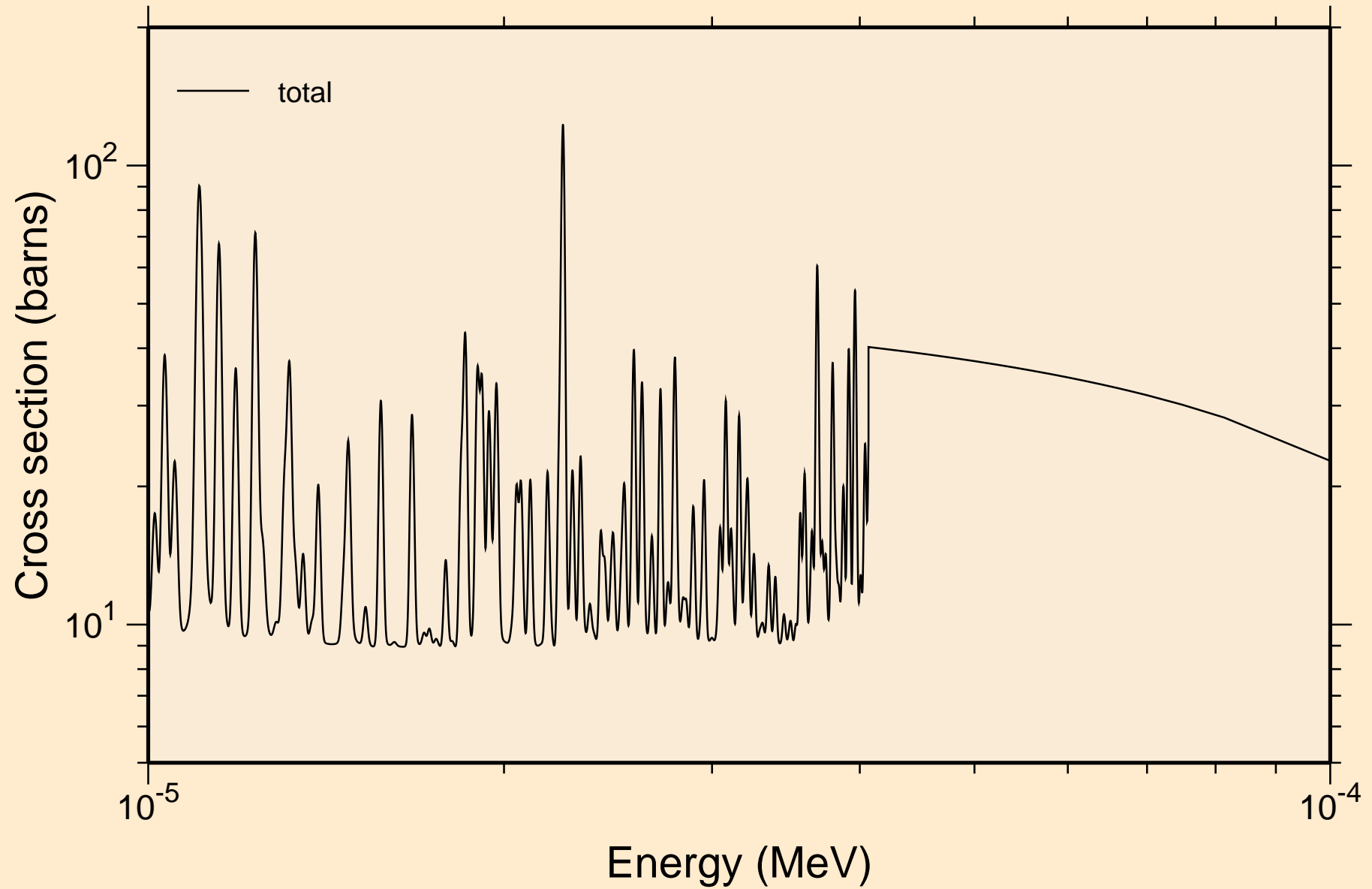
ES246 NRG TENDL-2015, AKONING  
resonance total cross section



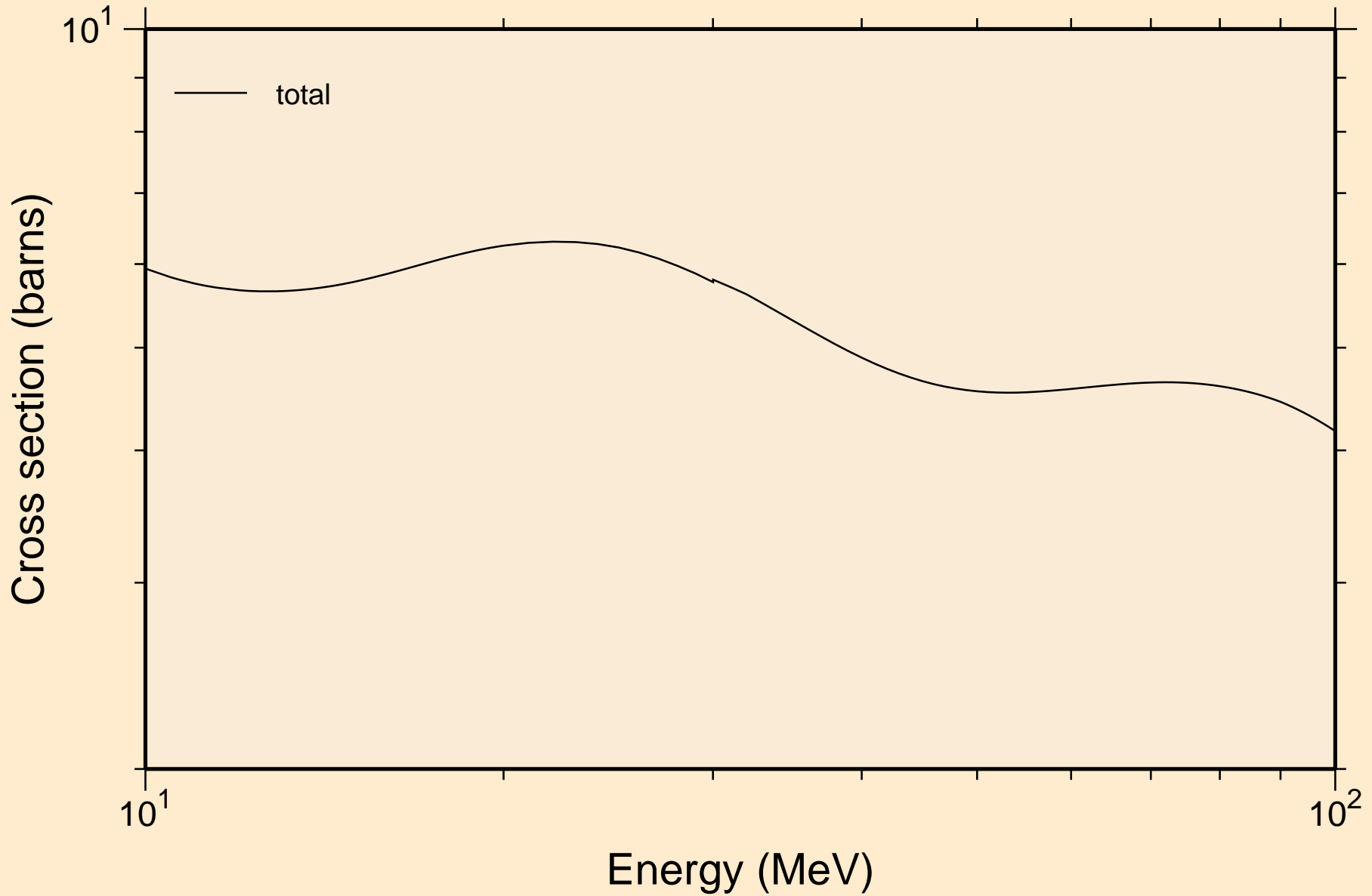
ES246 NRG TENDL-2015, AKONING  
resonance total cross section



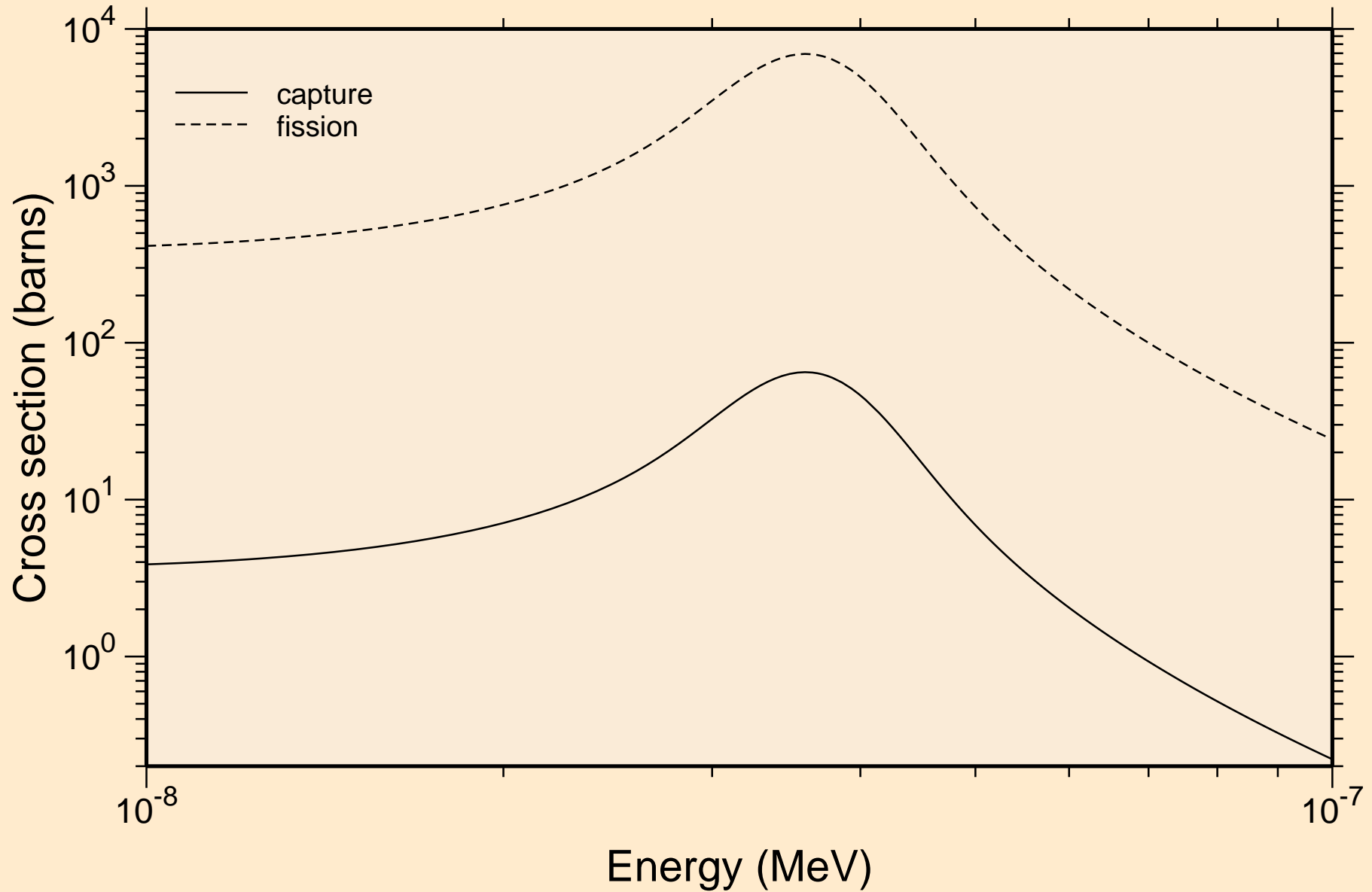
ES246 NRG TENDL-2015, AKONING  
resonance total cross section



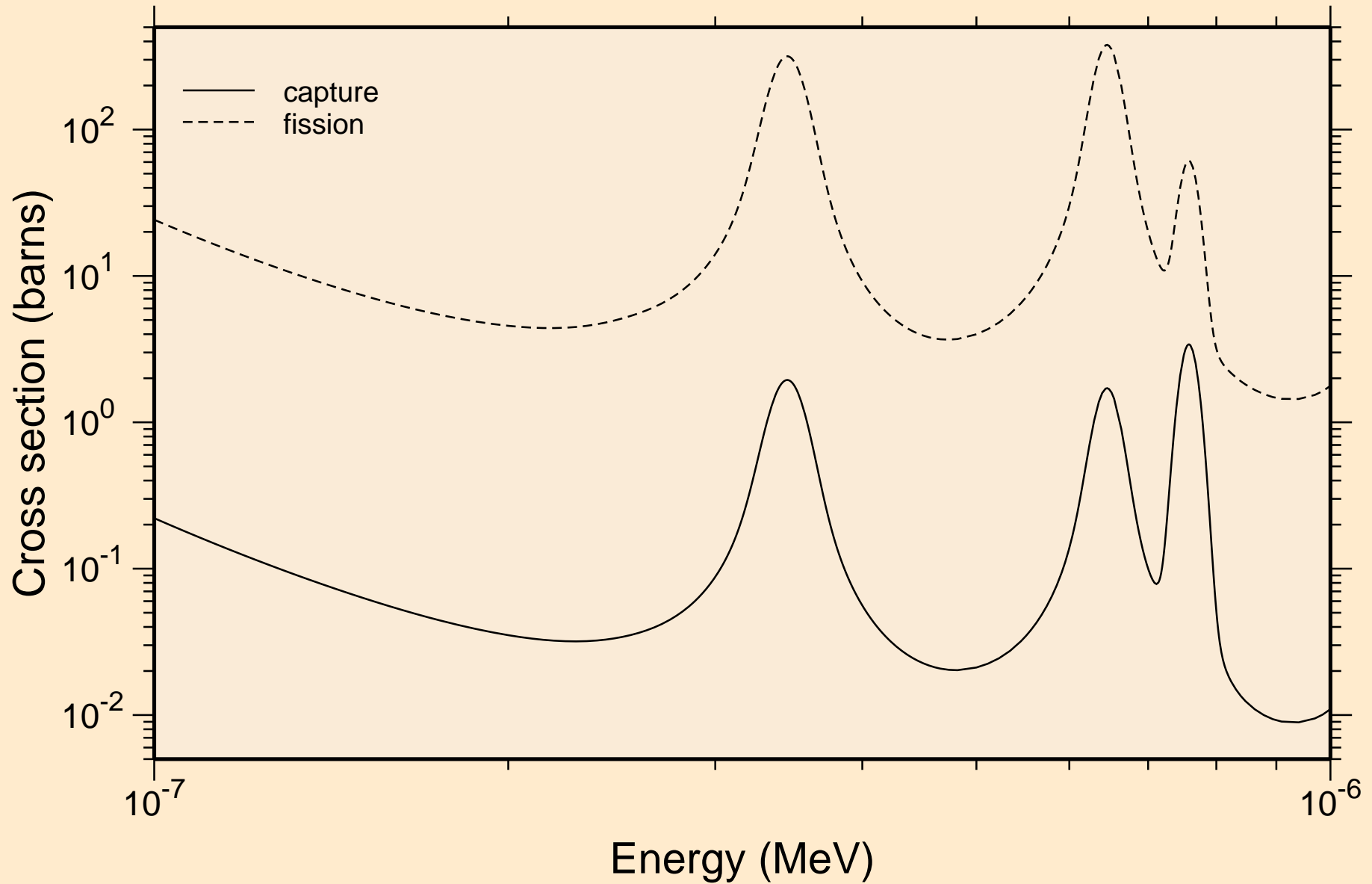
ES246 NRG TENDL-2015, AKONING  
resonance total cross section



ES246 NRG TENDL-2015, AKONING  
resonance absorption cross sections



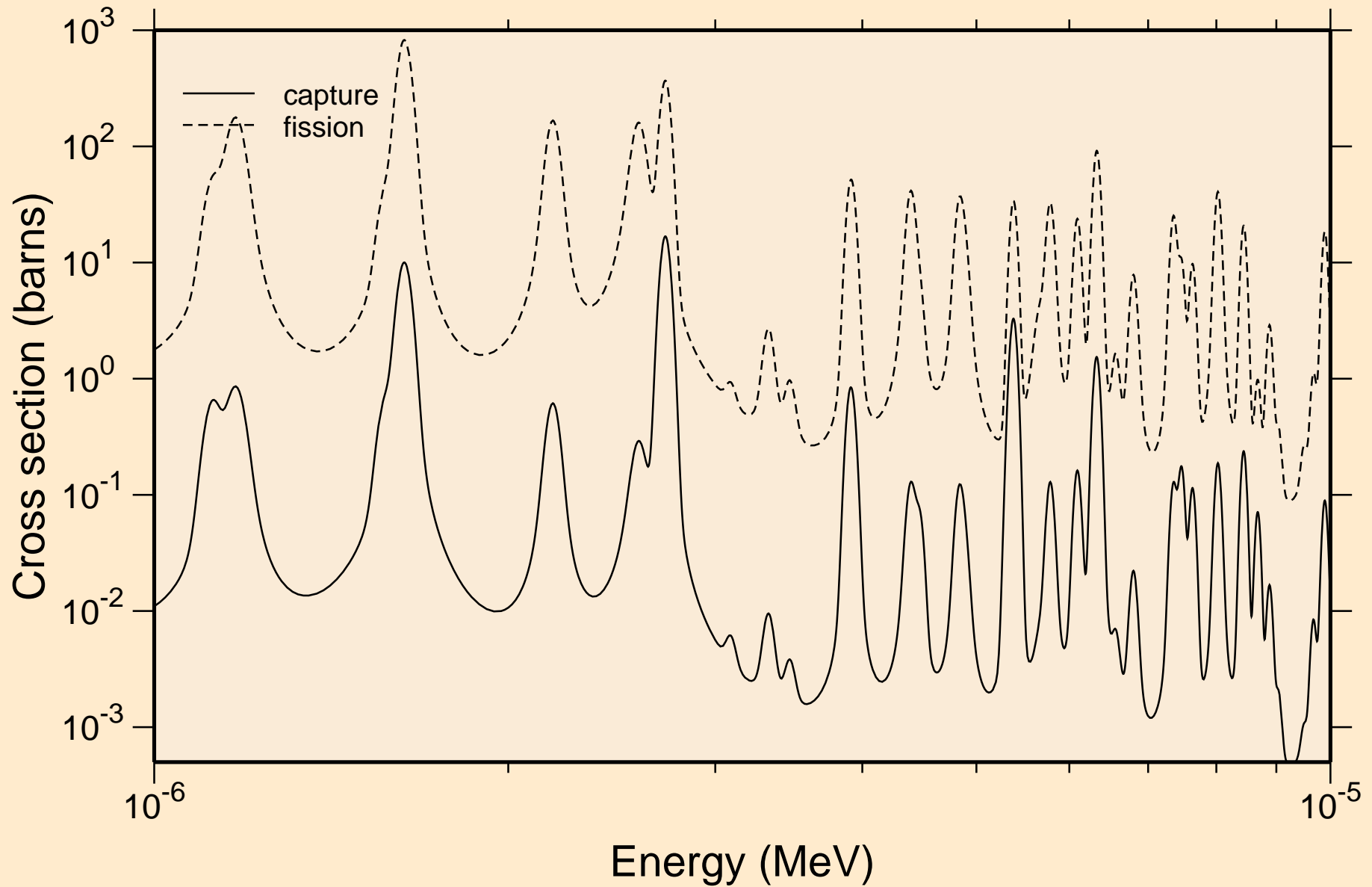
ES246 NRG TENDL-2015, AKONING  
resonance absorption cross sections





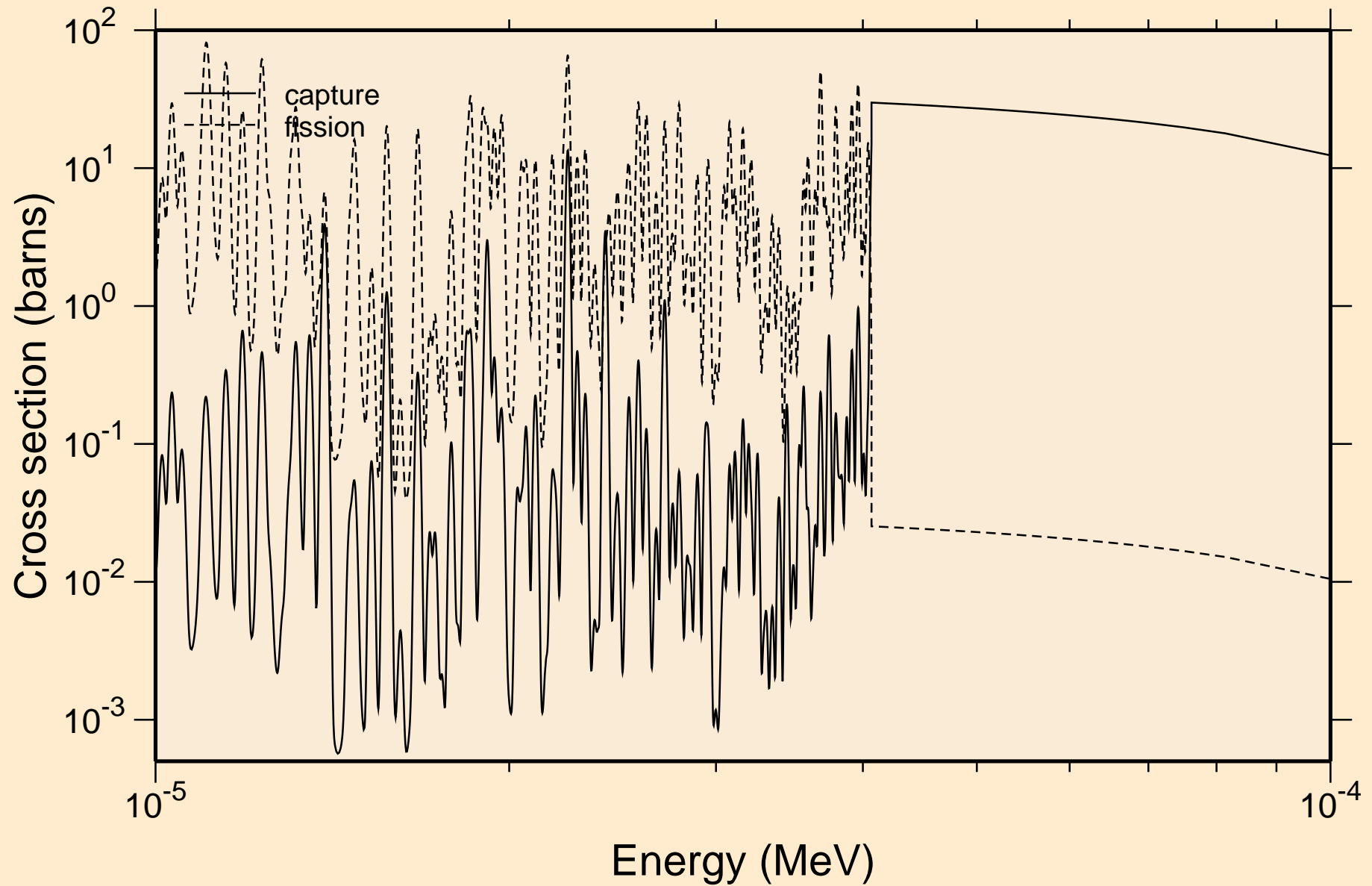
# ES246 NRG TENDL-2015, AKONING

## resonance absorption cross sections

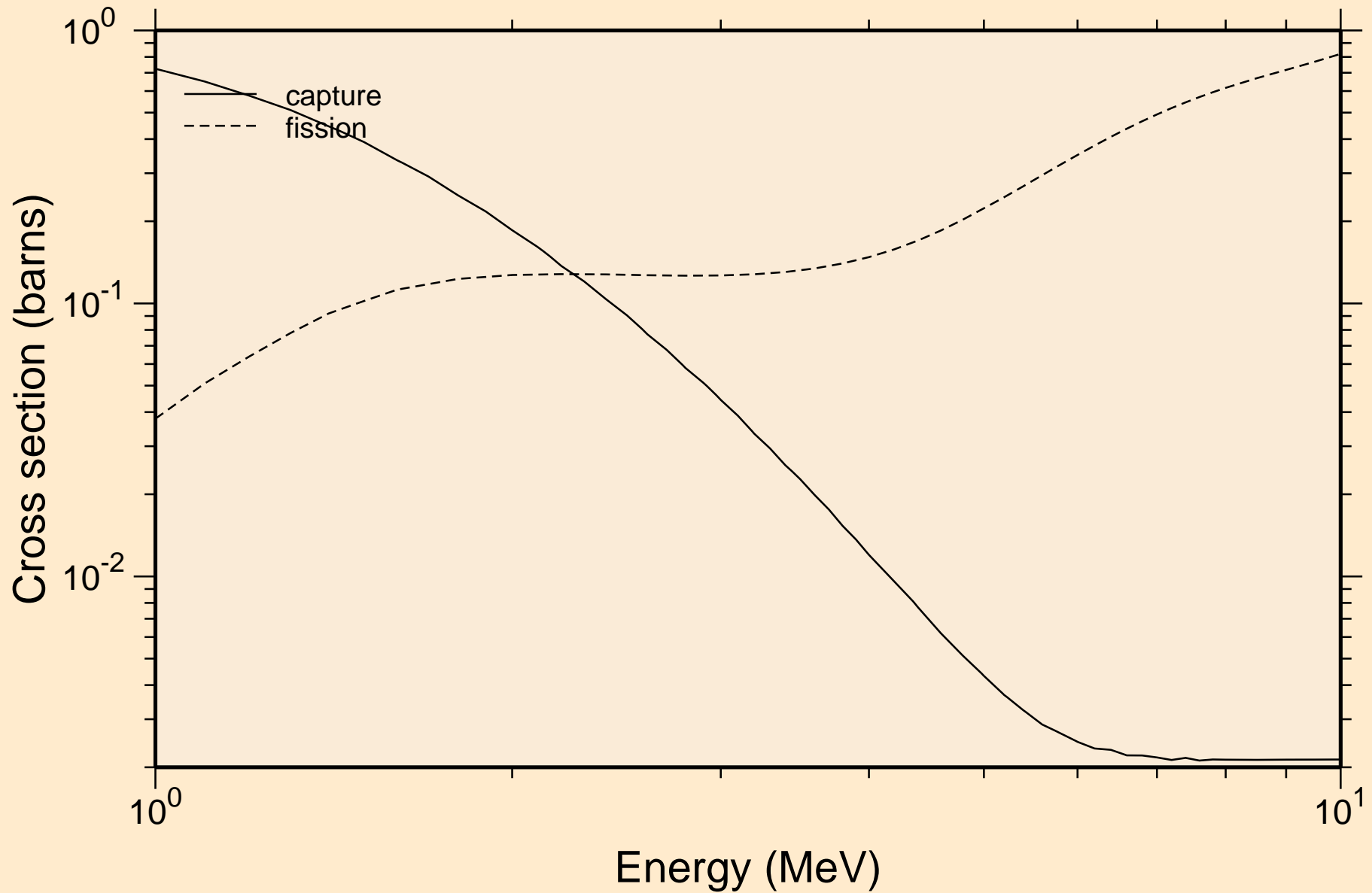


# ES246 NRG TENDL-2015, AKONING

## resonance absorption cross sections

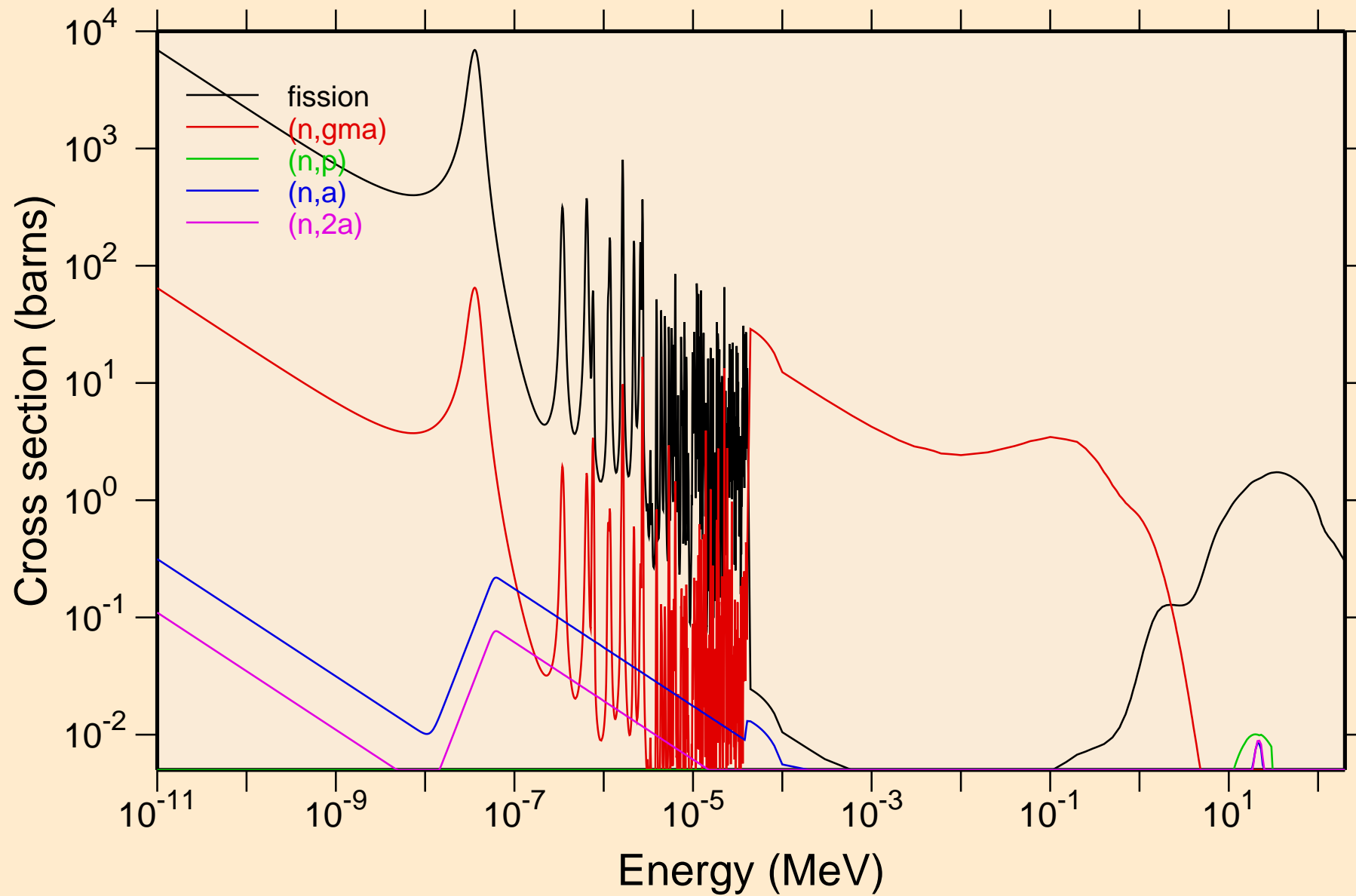


ES246 NRG TENDL-2015, AKONING  
resonance absorption cross sections

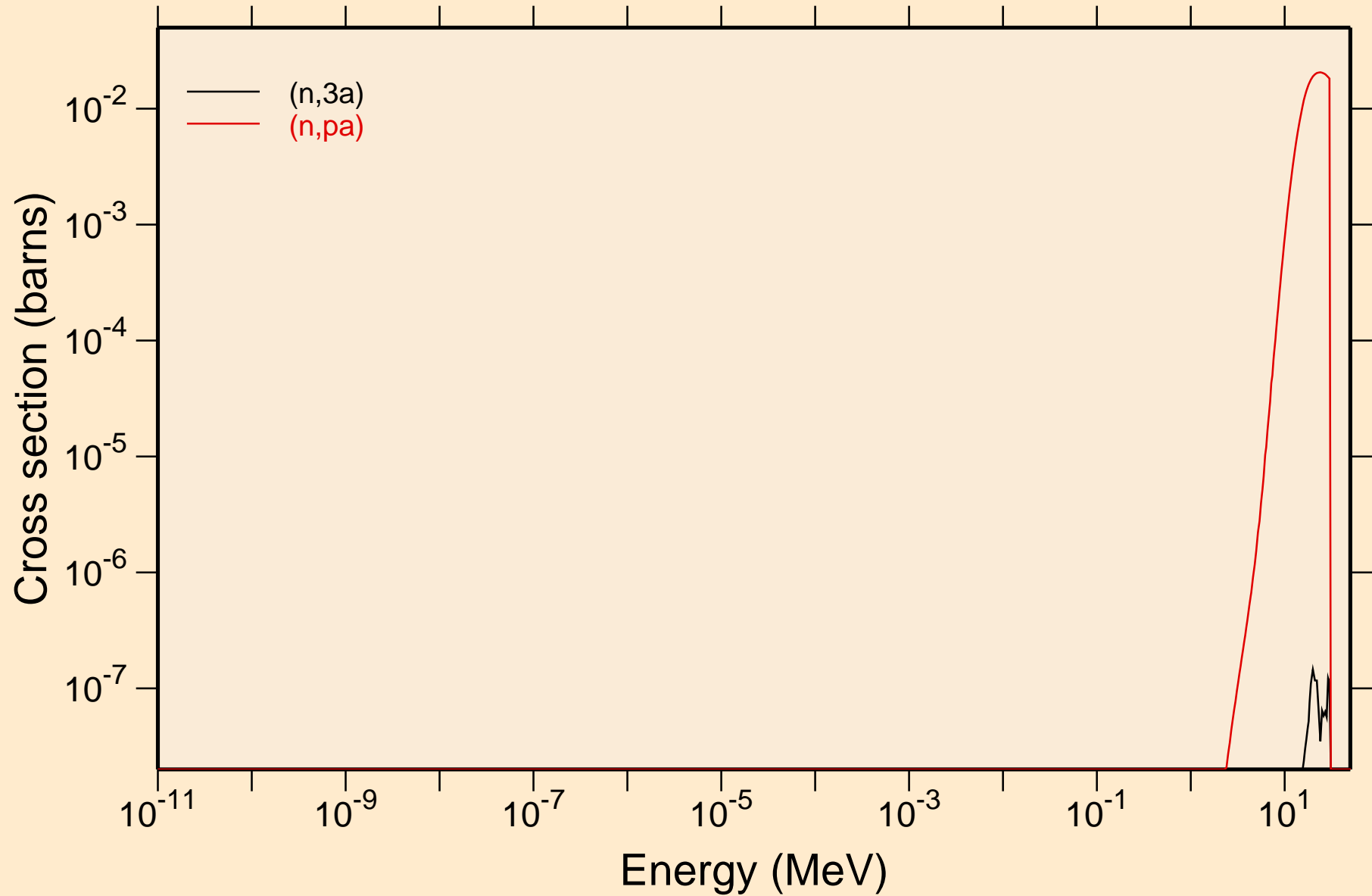


# ES246 NRG TENDL-2015, AKONING

## Non-threshold reactions

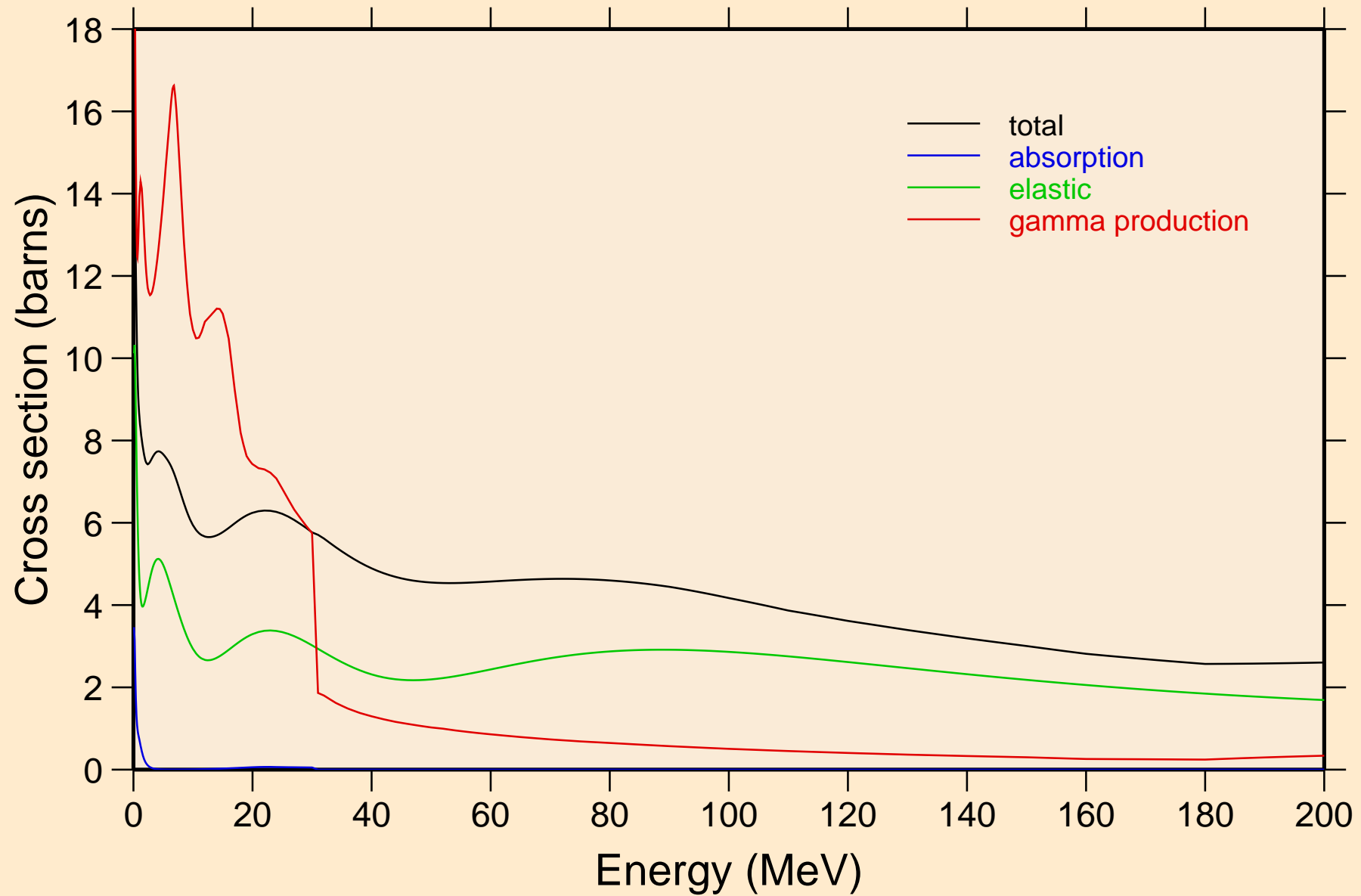


ES246 NRG TENDL-2015, AKONING  
Non-threshold reactions



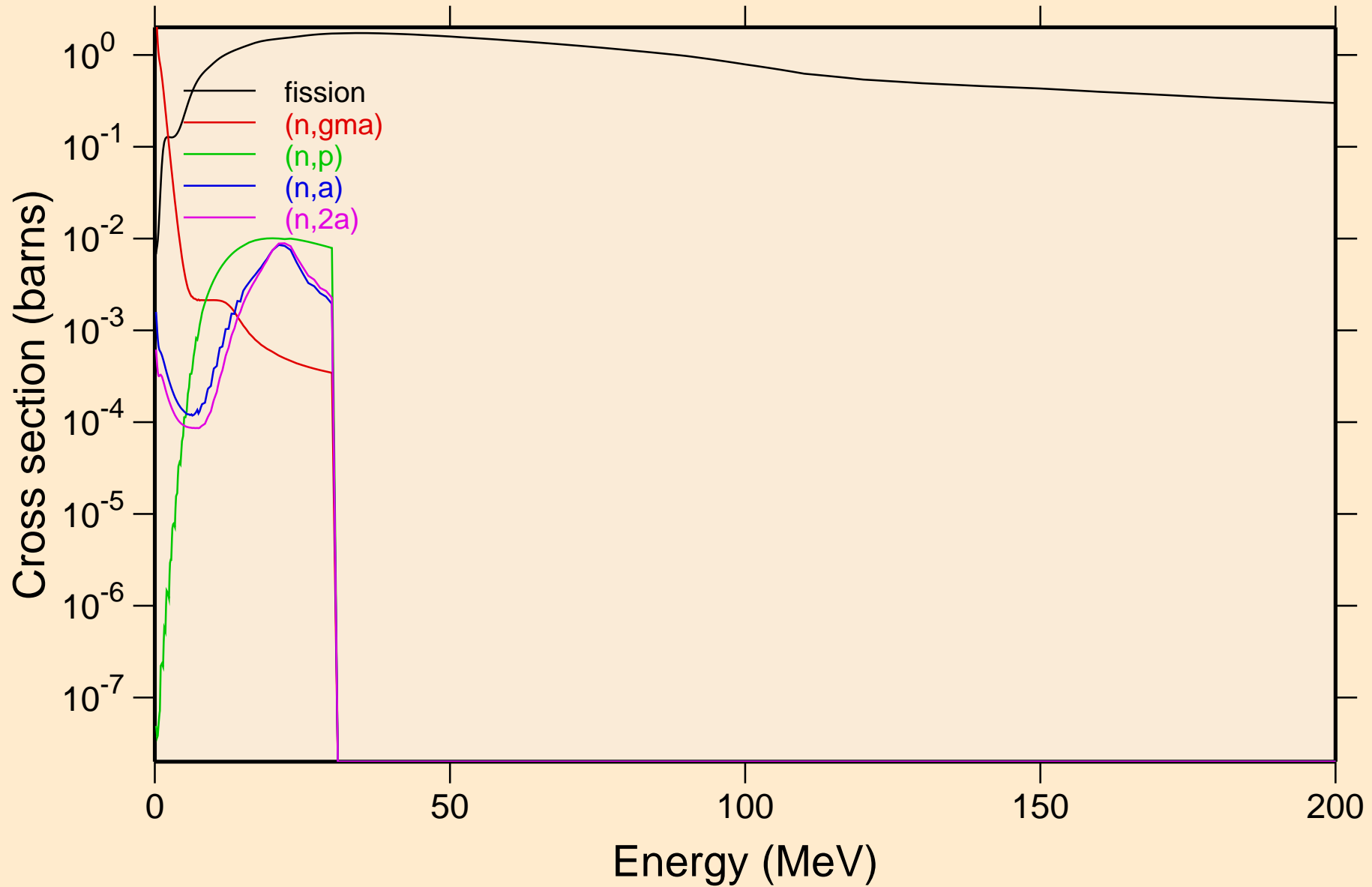
# ES246 NRG TENDL-2015, AKONING

## Principal cross sections



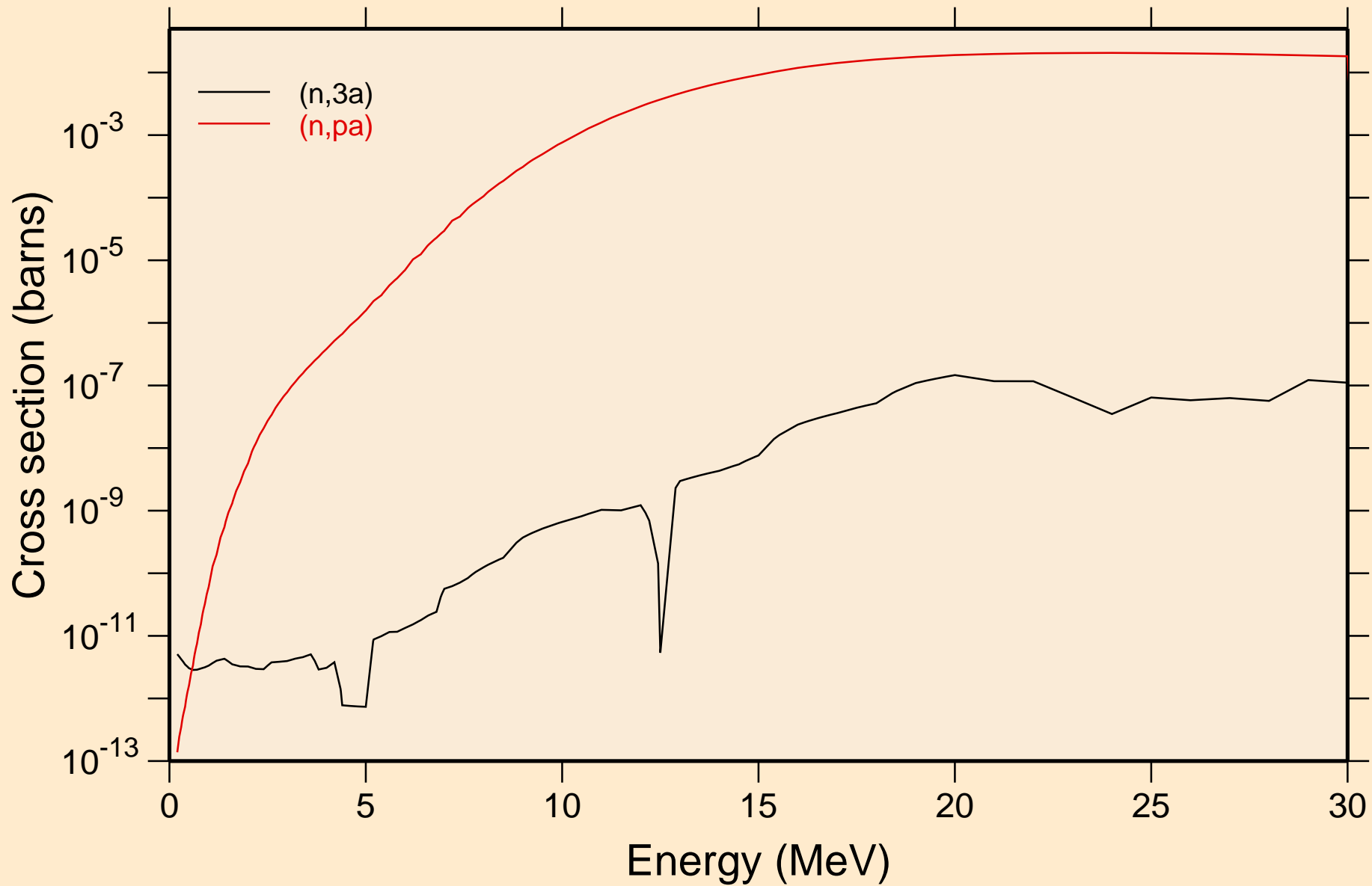
# ES246 NRG TENDL-2015, AKONING

## Non-threshold reactions



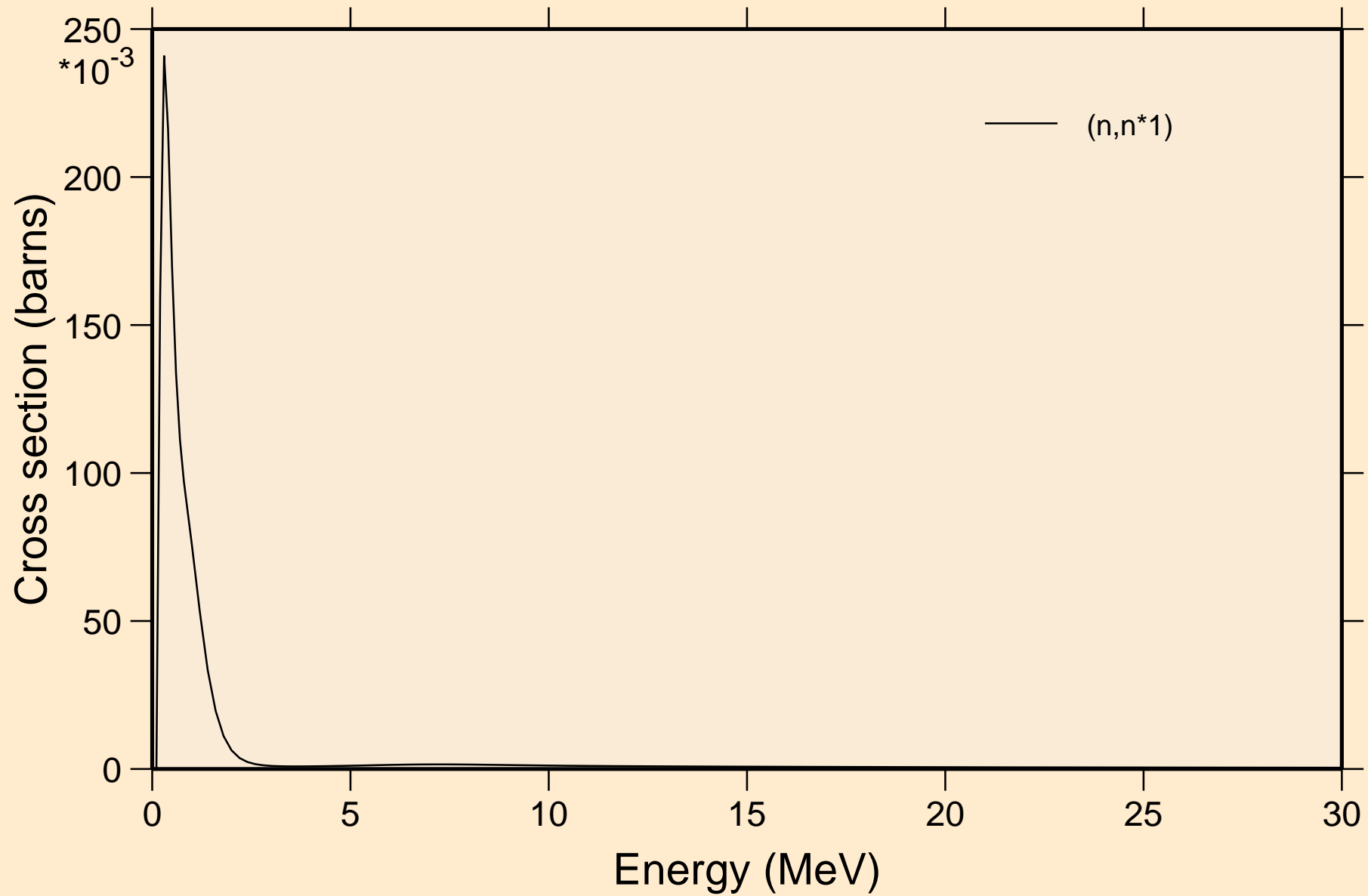
# ES246 NRG TENDL-2015, AKONING

## Non-threshold reactions



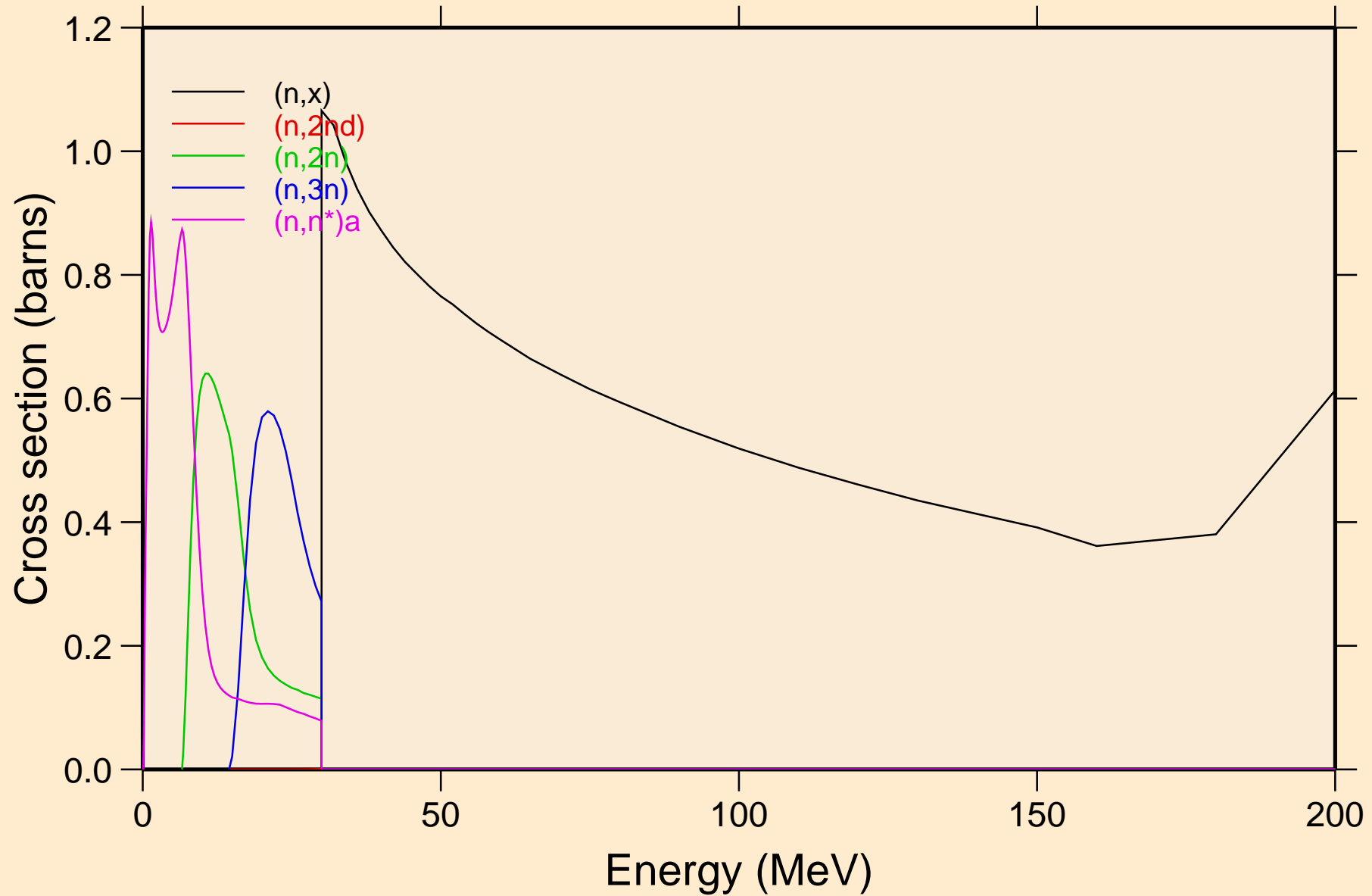


ES246 NRG TENDL-2015, AKONING  
Inelastic levels



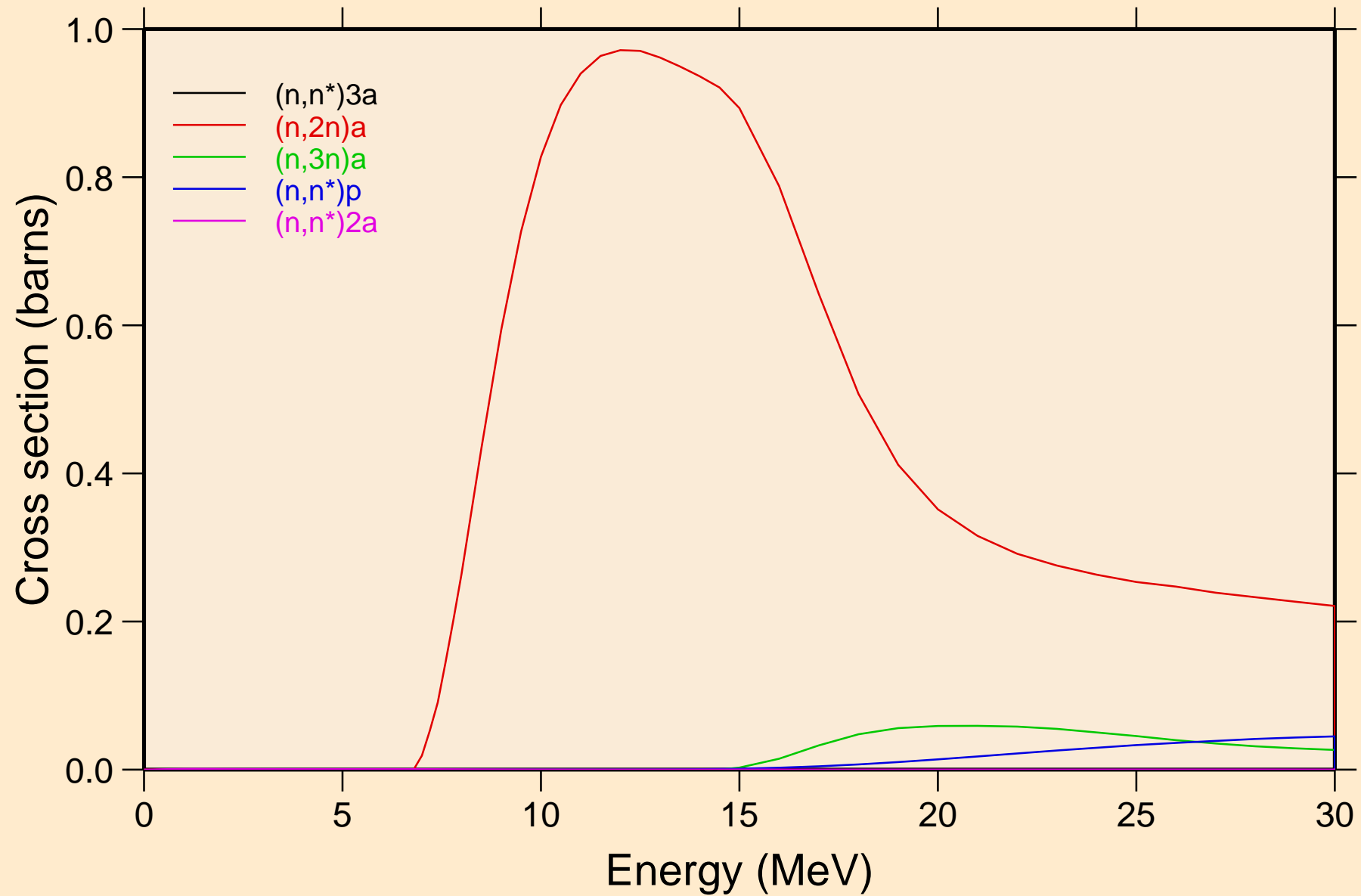
# ES246 NRG TENDL-2015, AKONING

## Threshold reactions



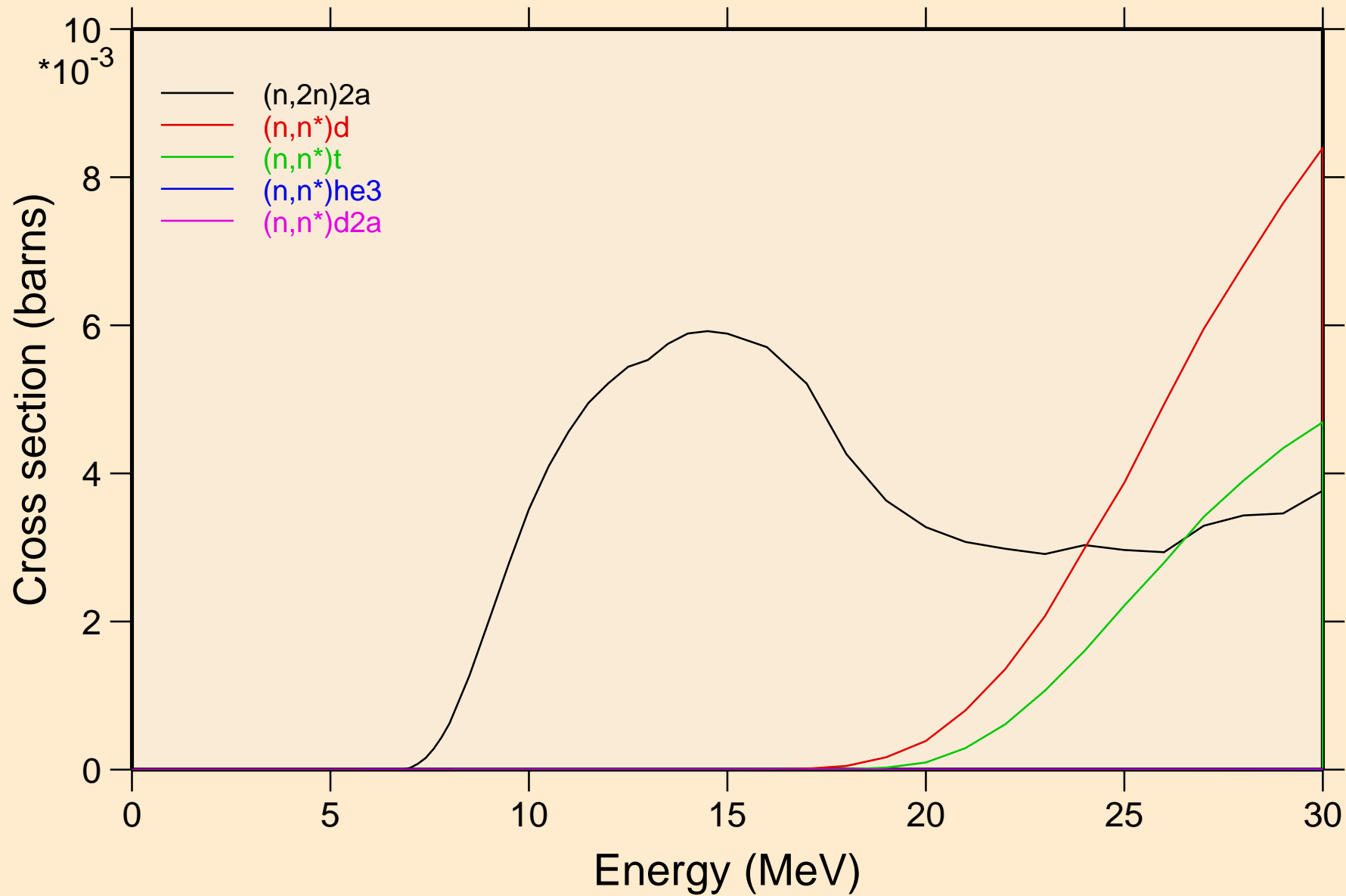
# ES246 NRG TENDL-2015, AKONING

## Threshold reactions



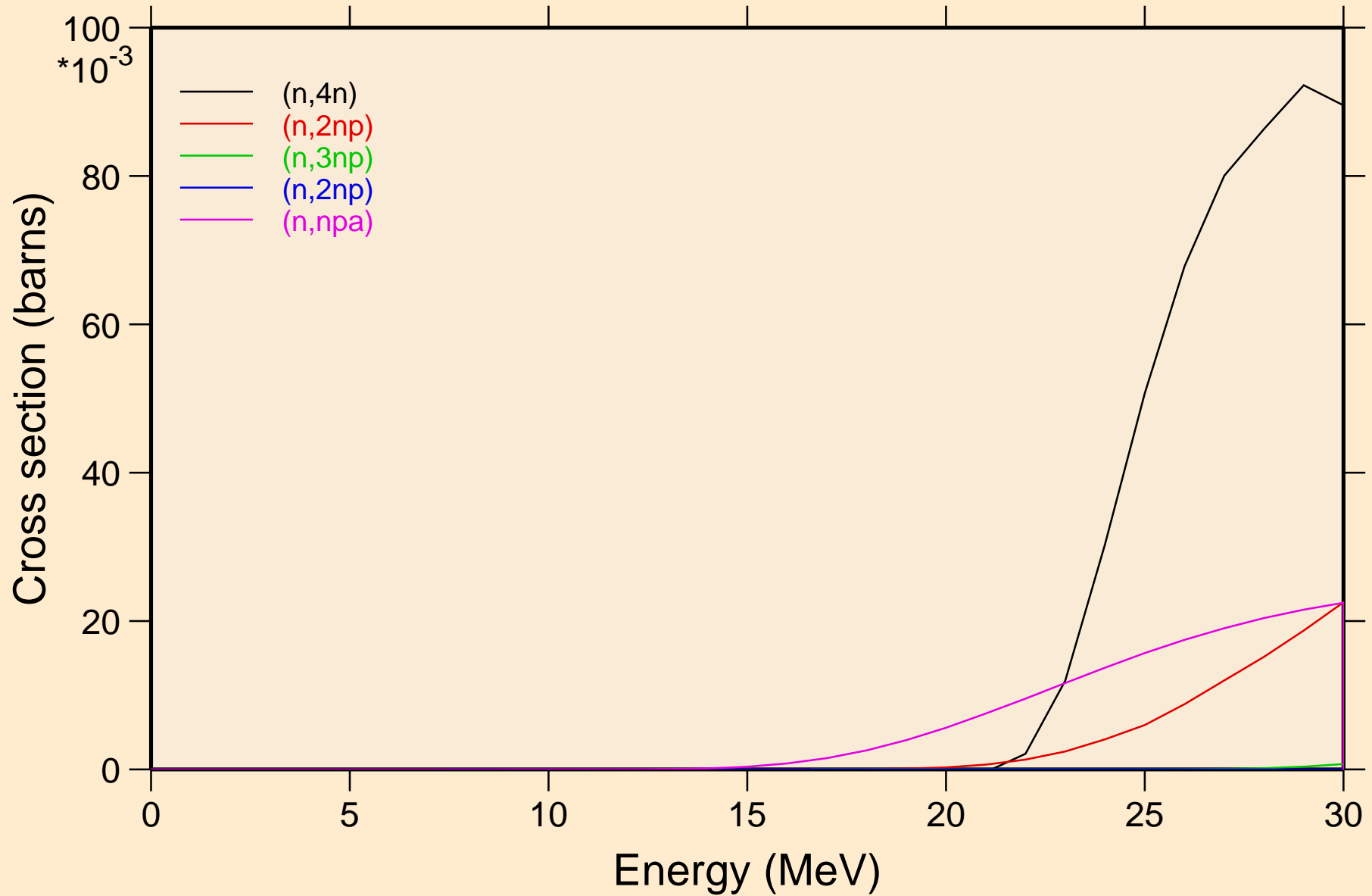
# ES246 NRG TENDL-2015, AKONING

## Threshold reactions



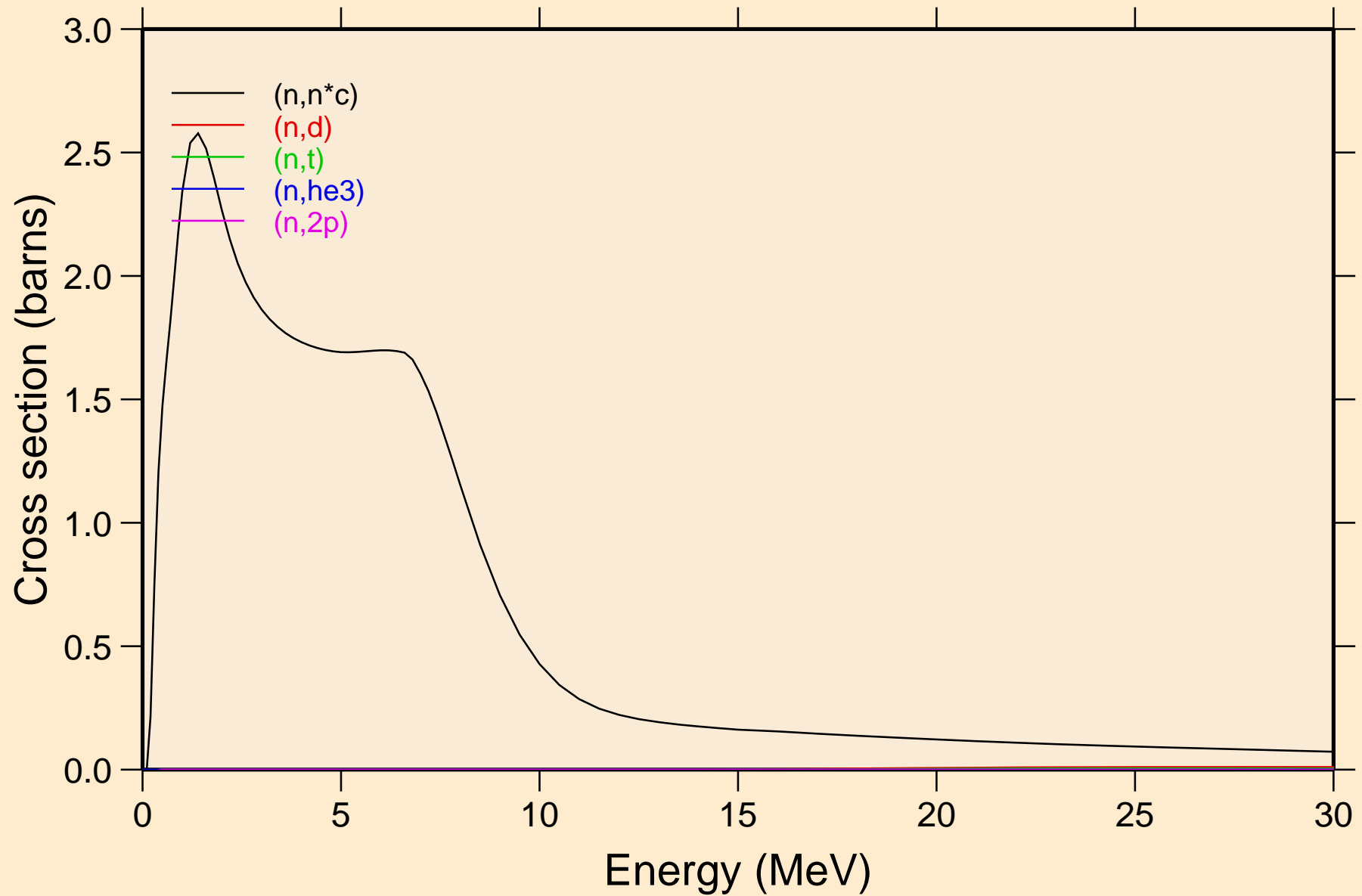
# ES246 NRG TENDL-2015, AKONING

## Threshold reactions



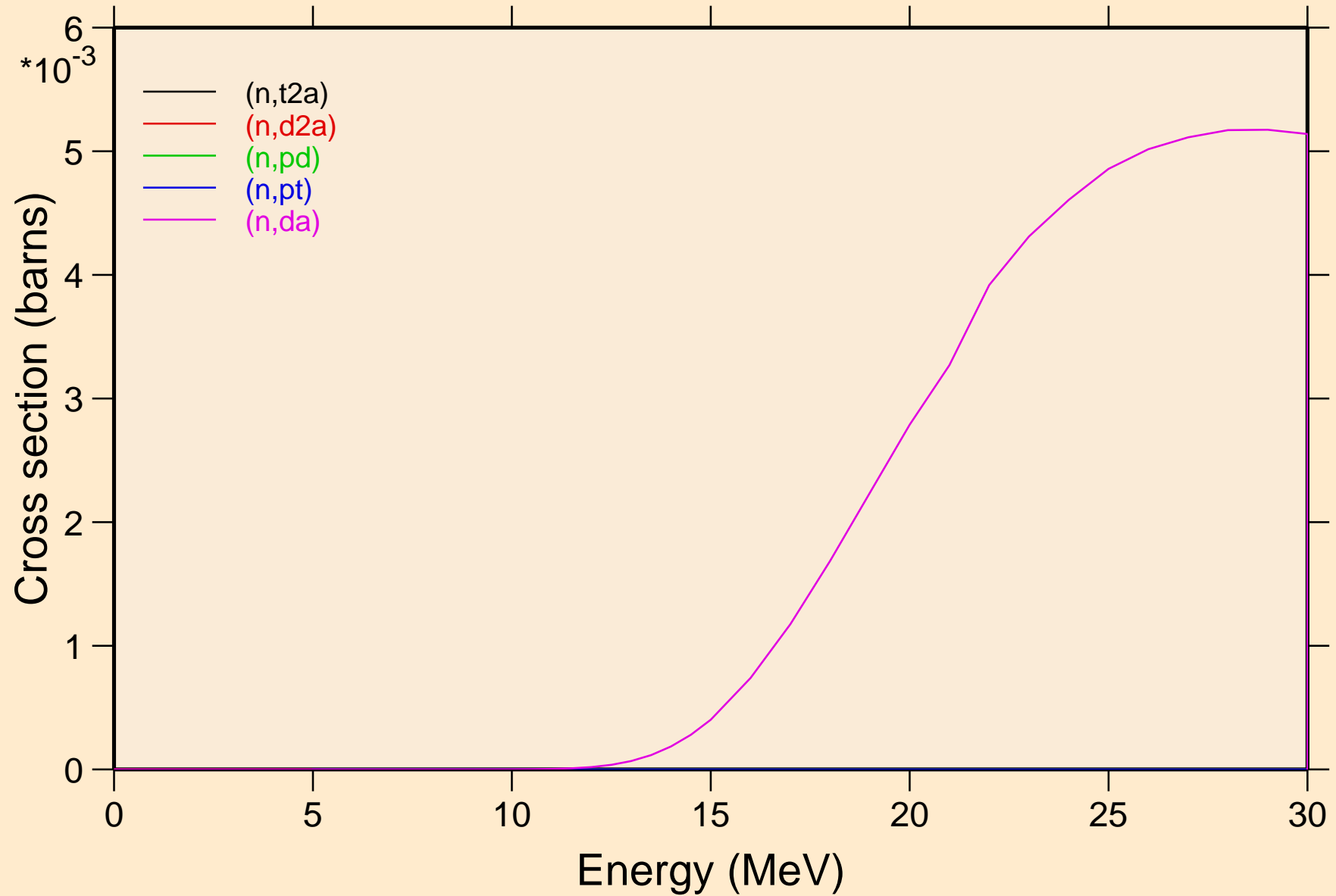
# ES246 NRG TENDL-2015, AKONING

## Threshold reactions

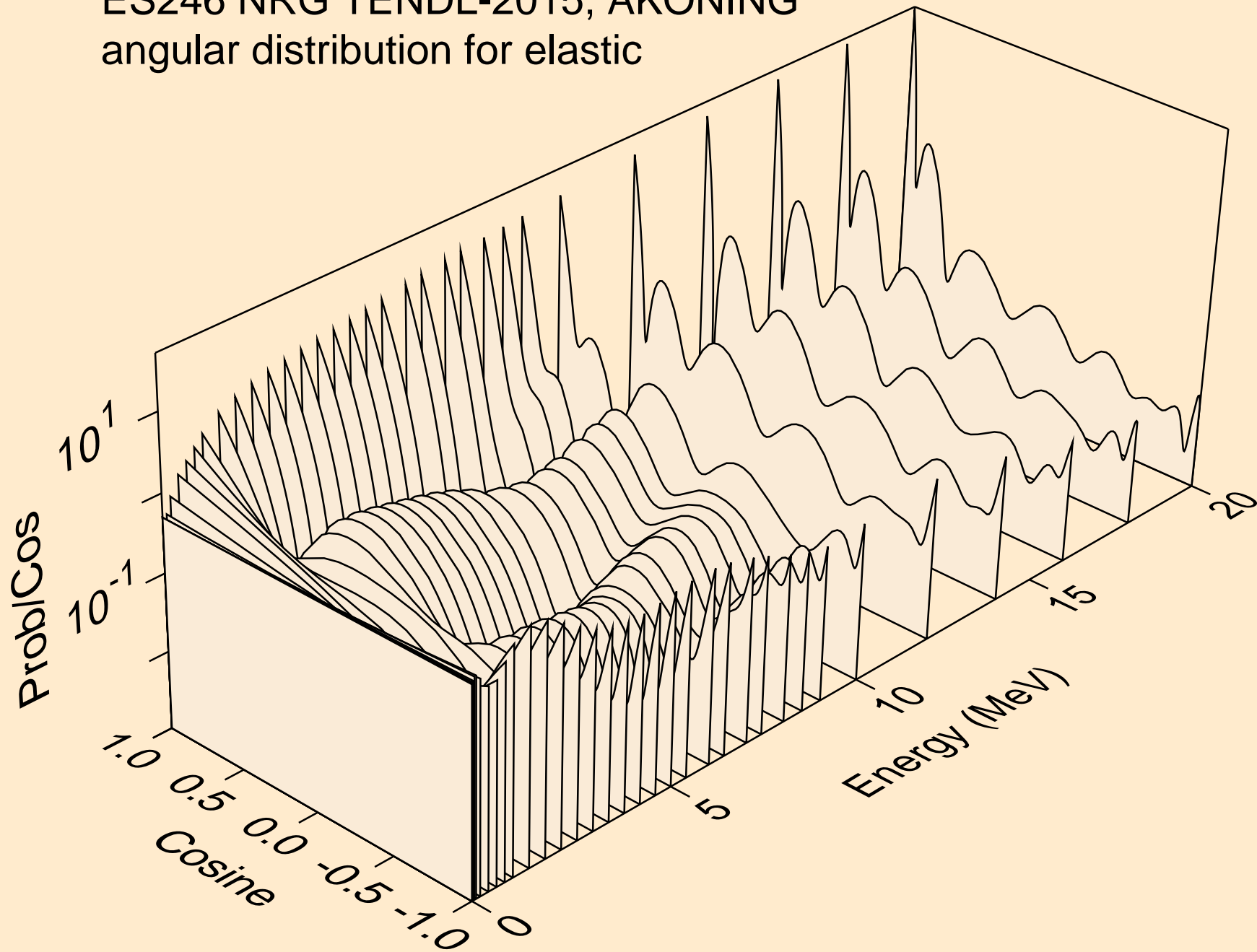


# ES246 NRG TENDL-2015, AKONING

## Threshold reactions

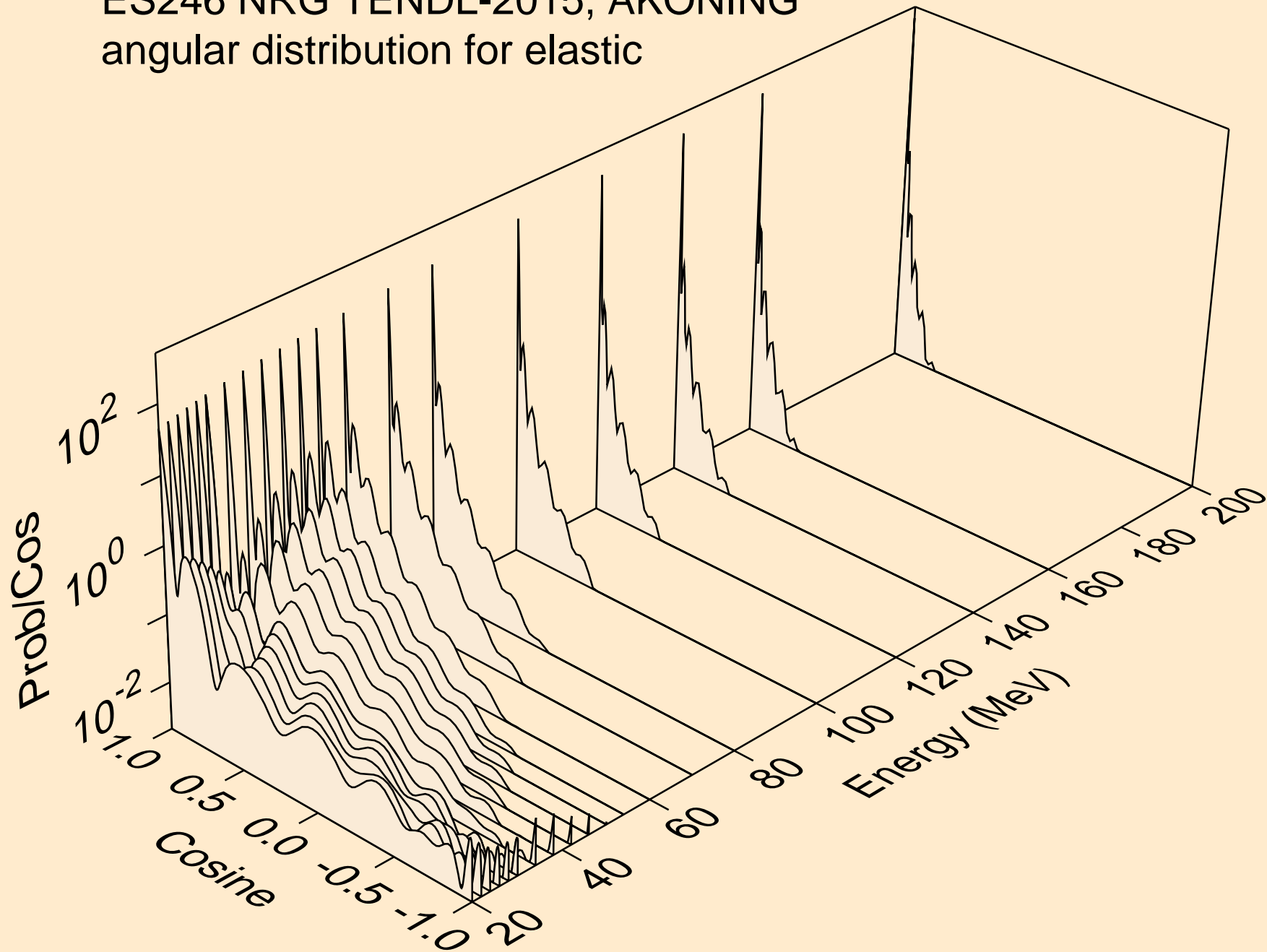


ES246 NRG TENDL-2015, AKONING  
angular distribution for elastic

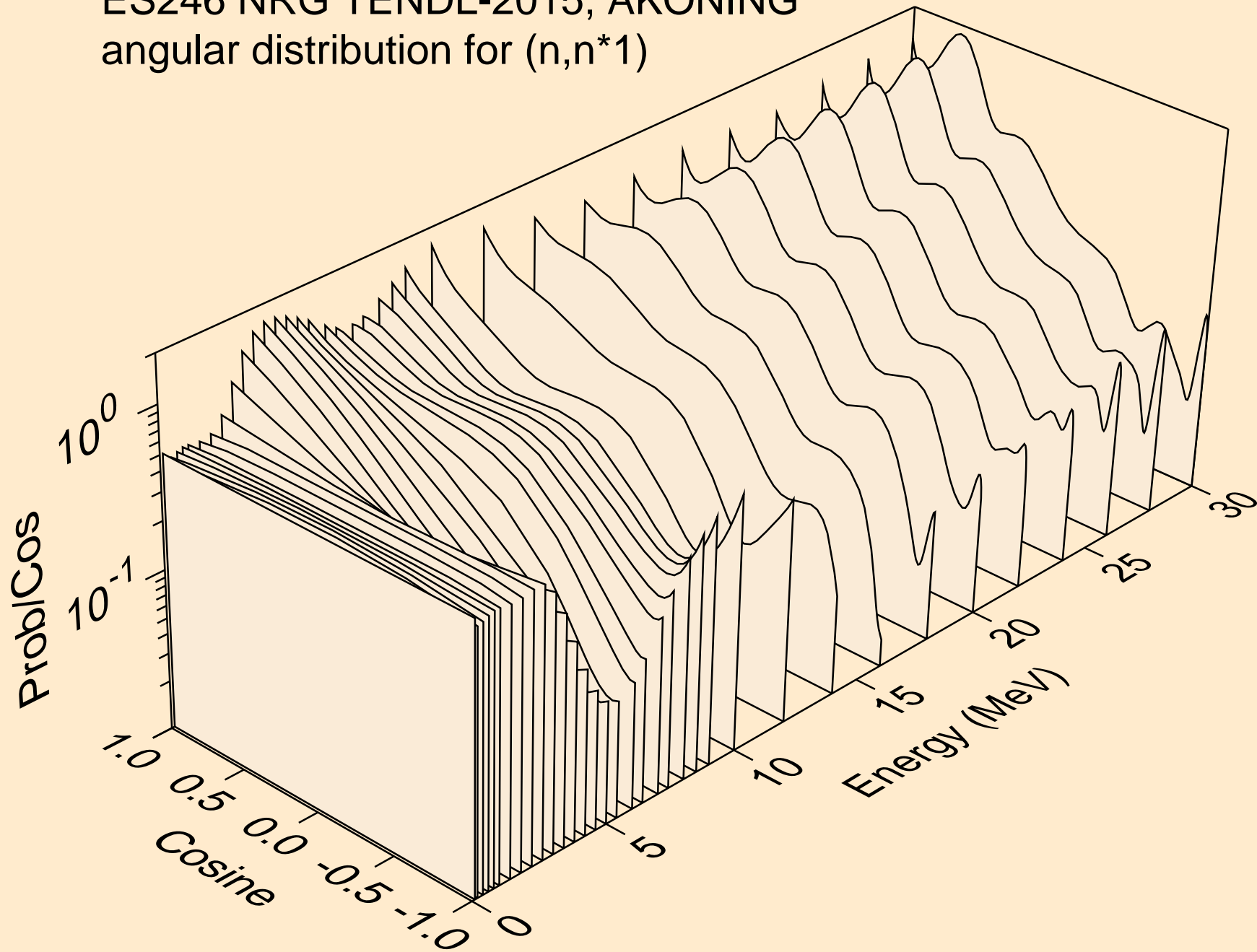




ES246 NRG TENDL-2015, AKONING  
angular distribution for elastic

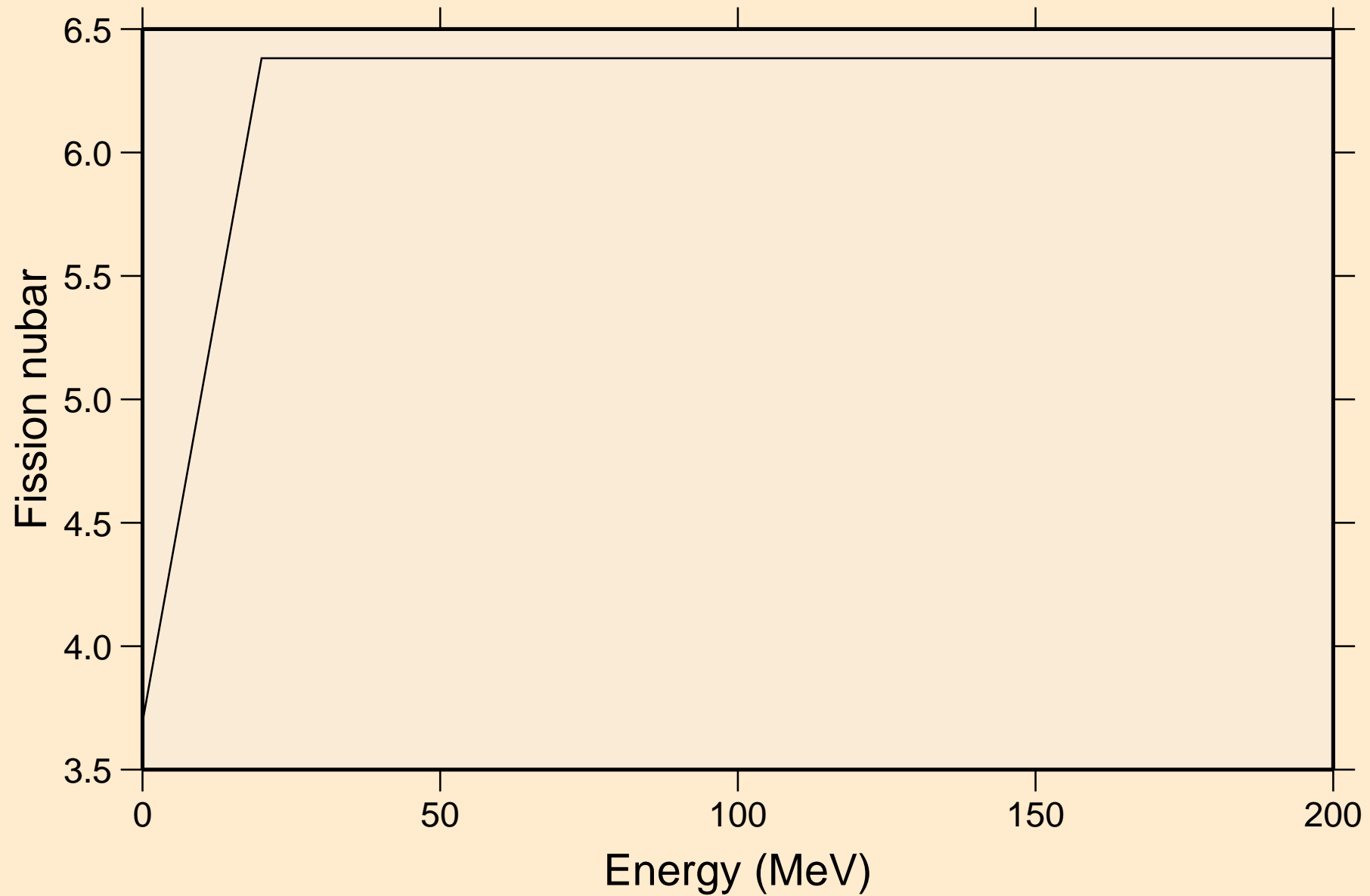


ES246 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

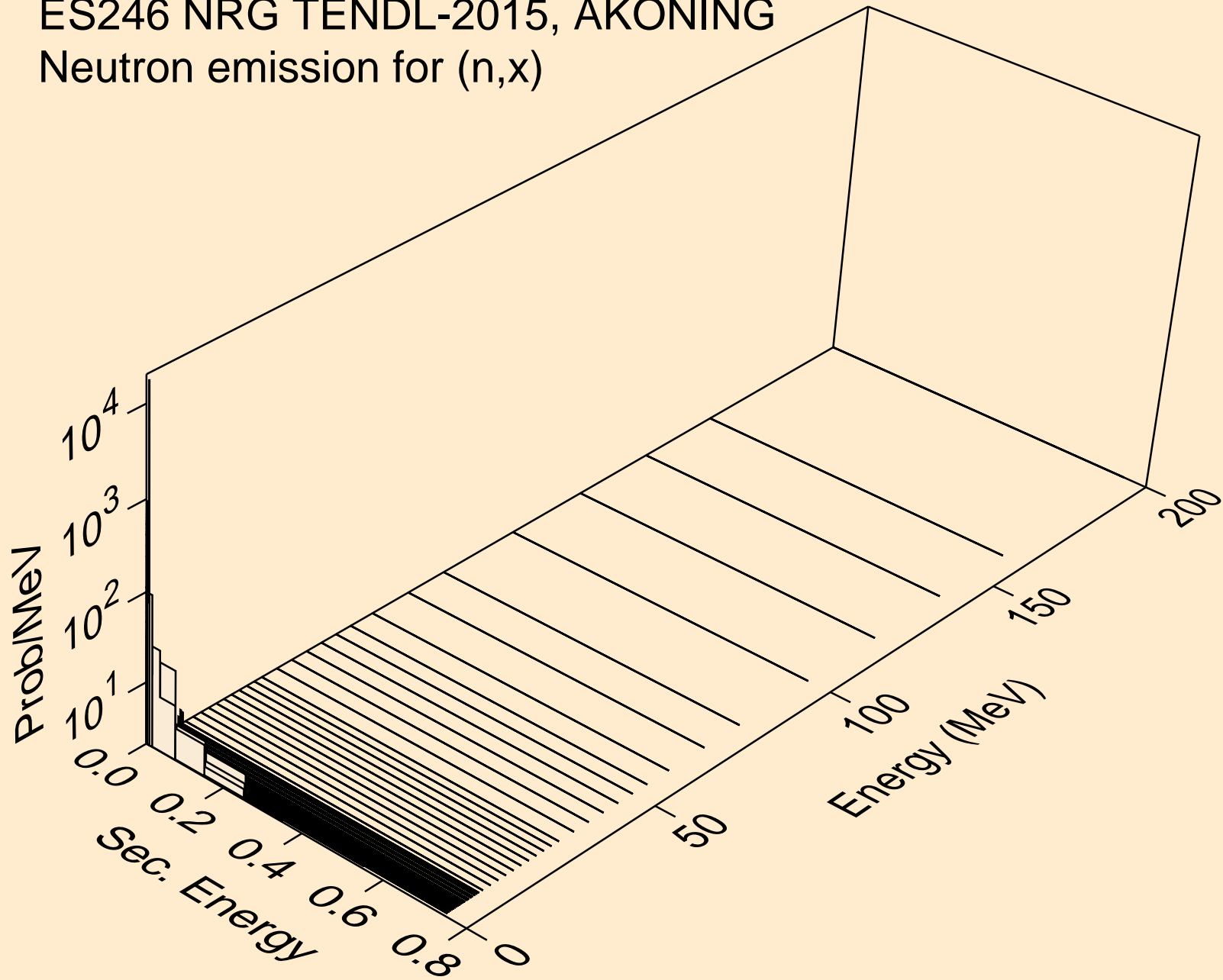


# ES246 NRG TENDL-2015, AKONING

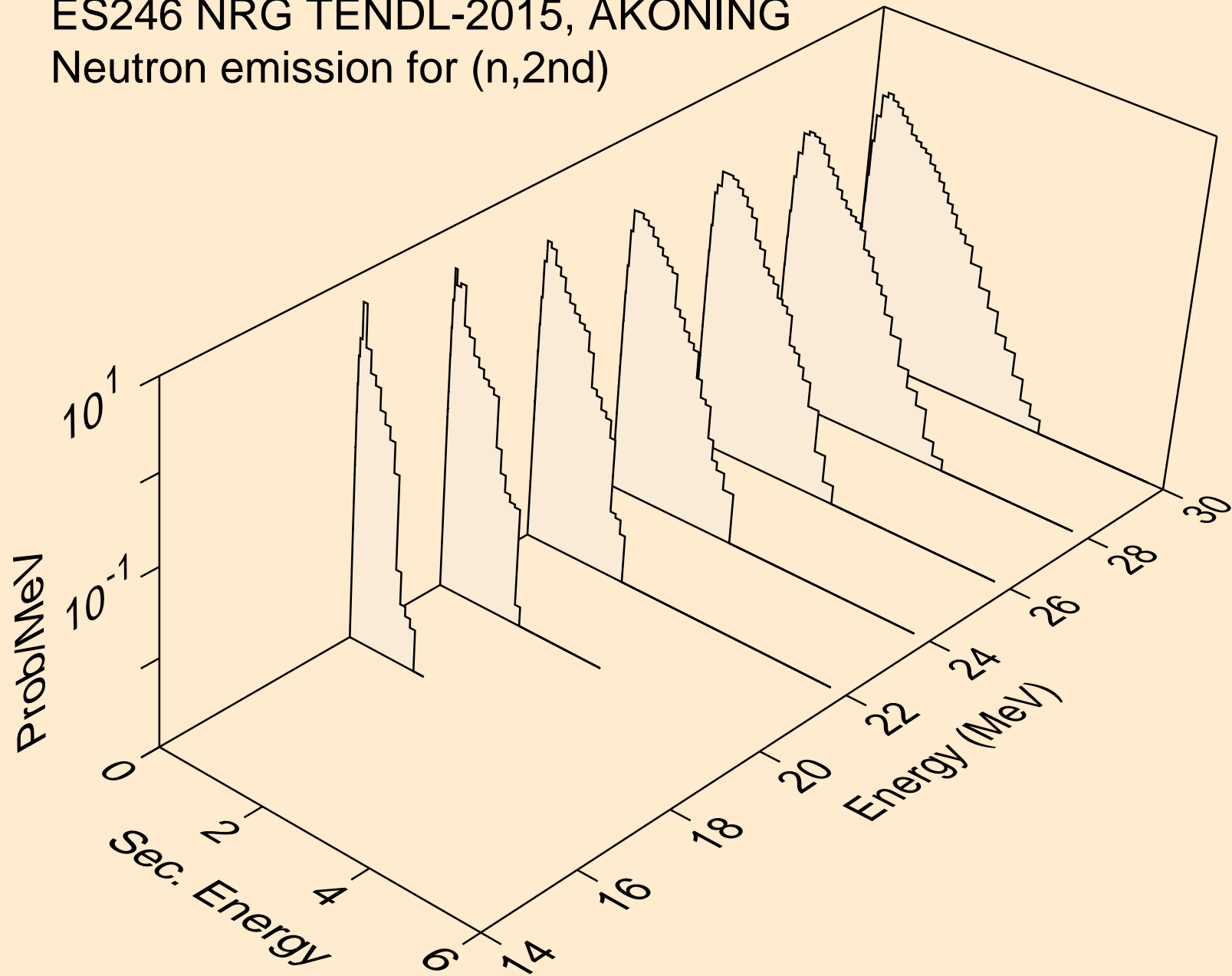
Total fission nubar



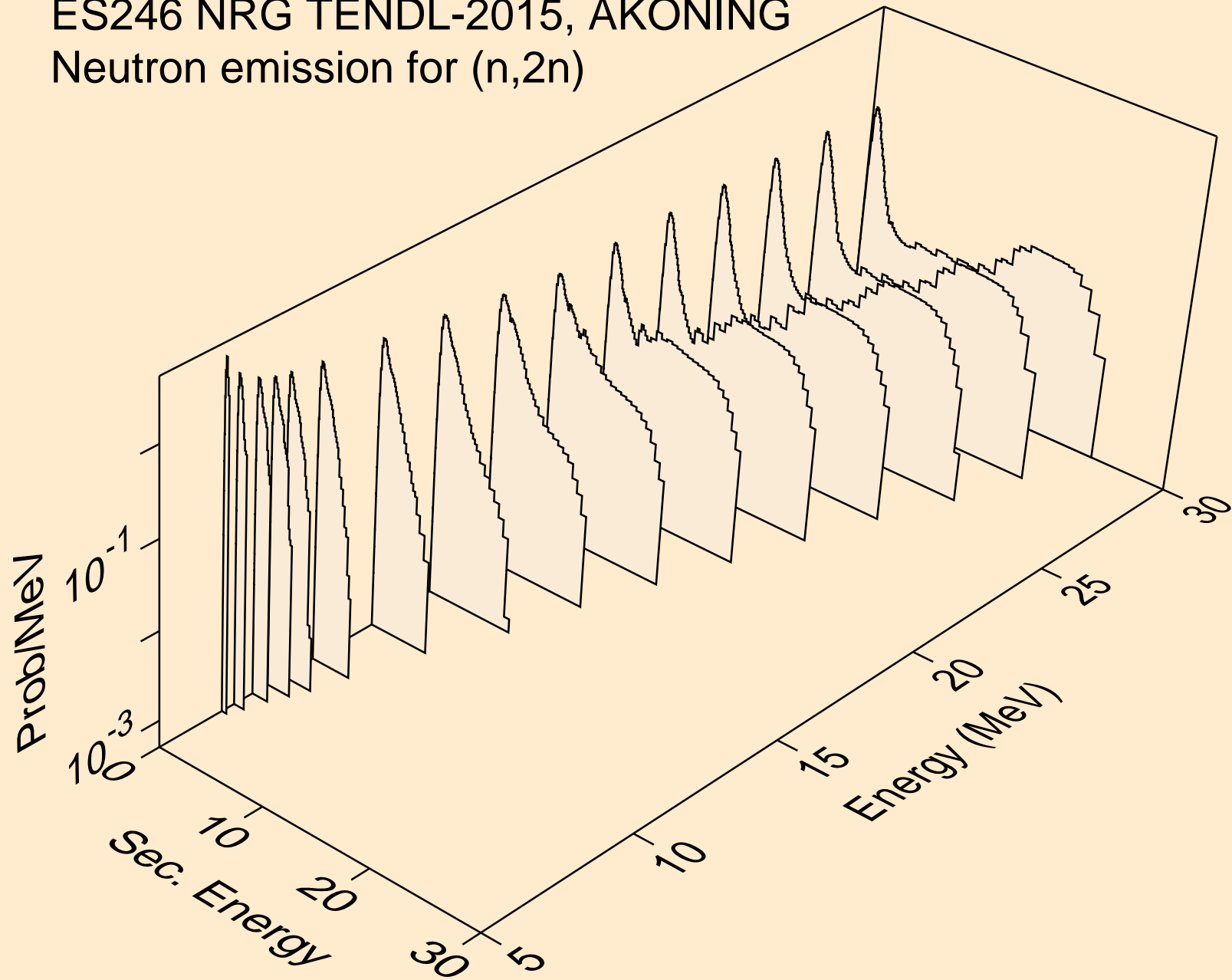
ES246 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



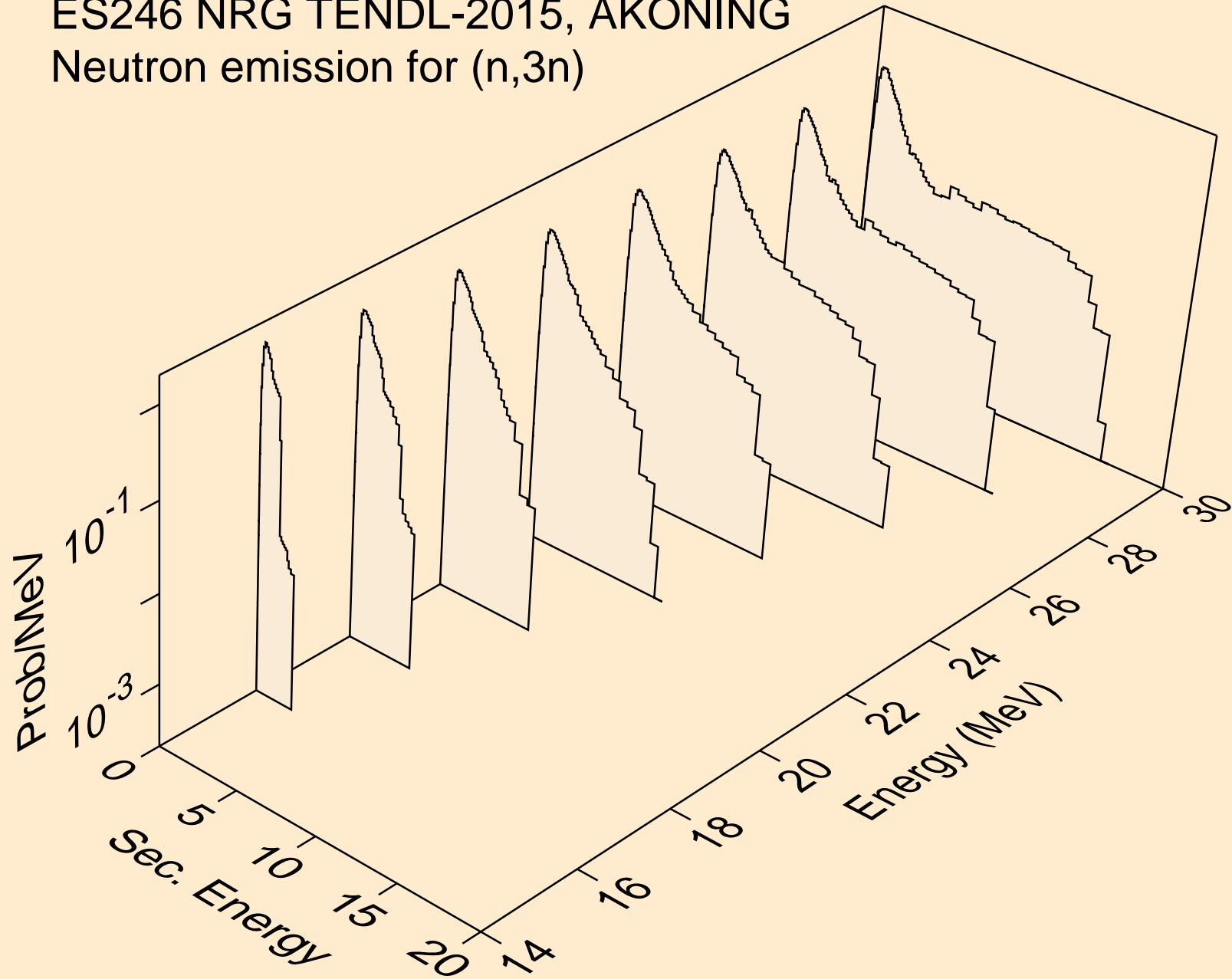
ES246 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



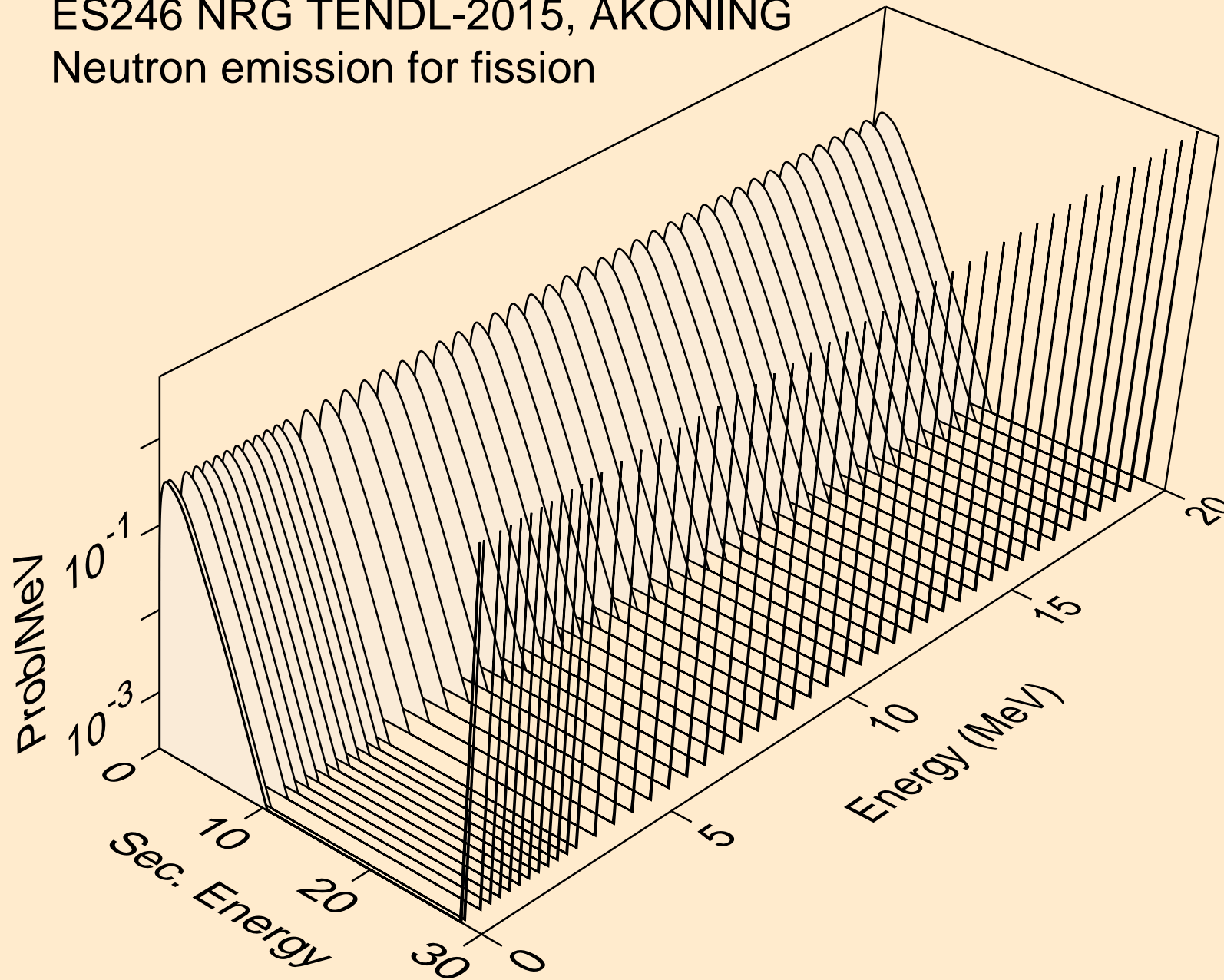
ES246 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



ES246 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)

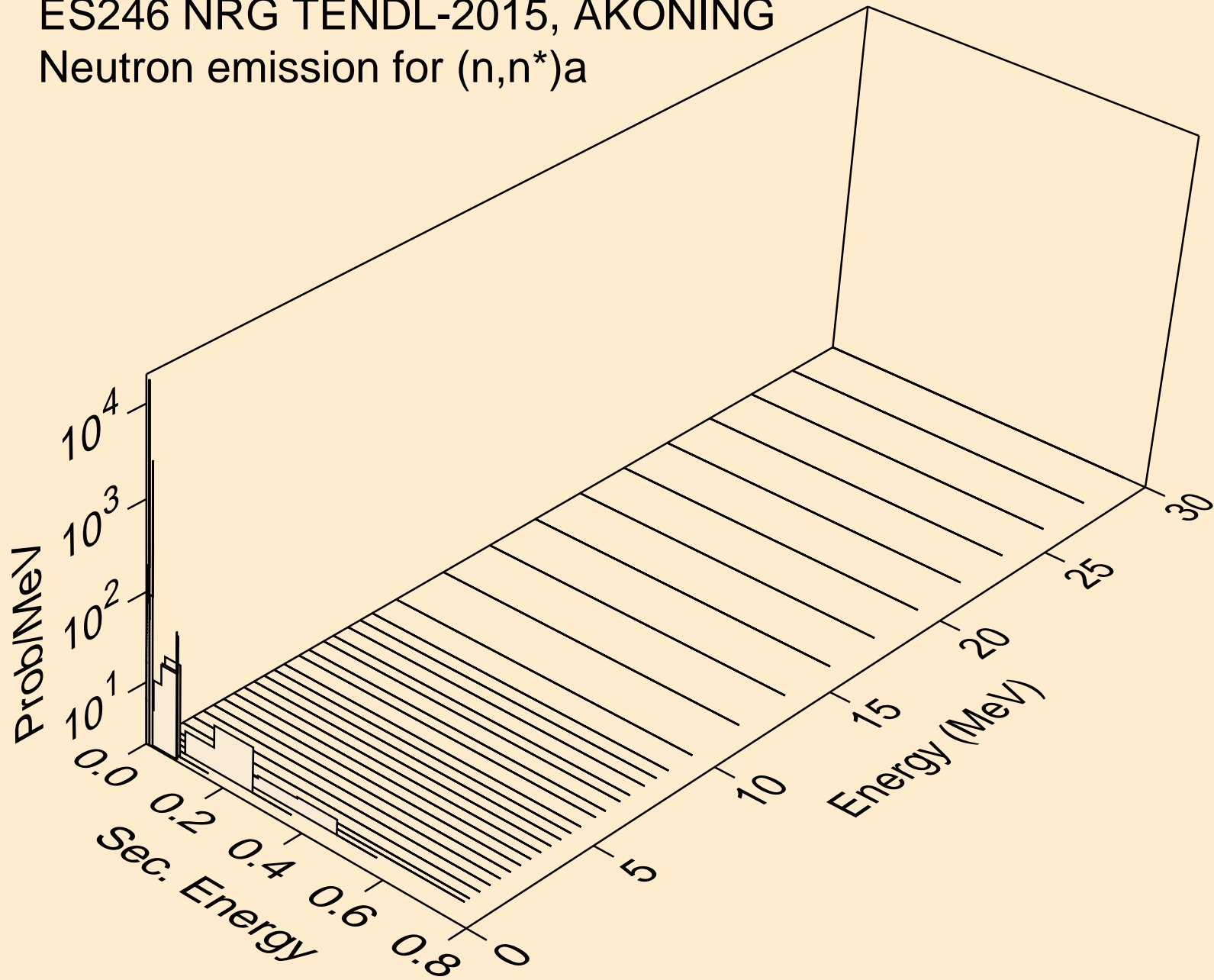


ES246 NRG TENDL-2015, AKONING  
Neutron emission for fission

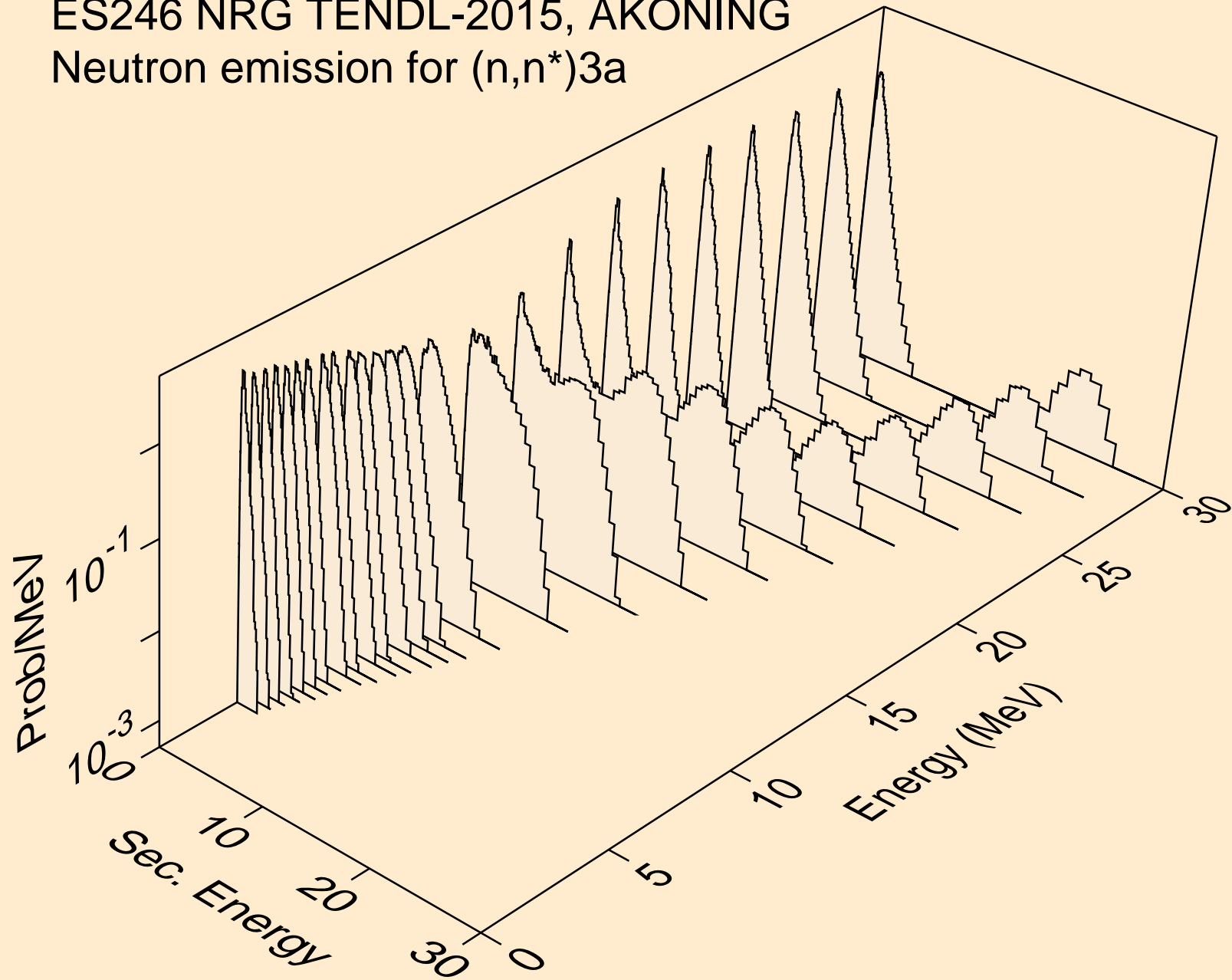




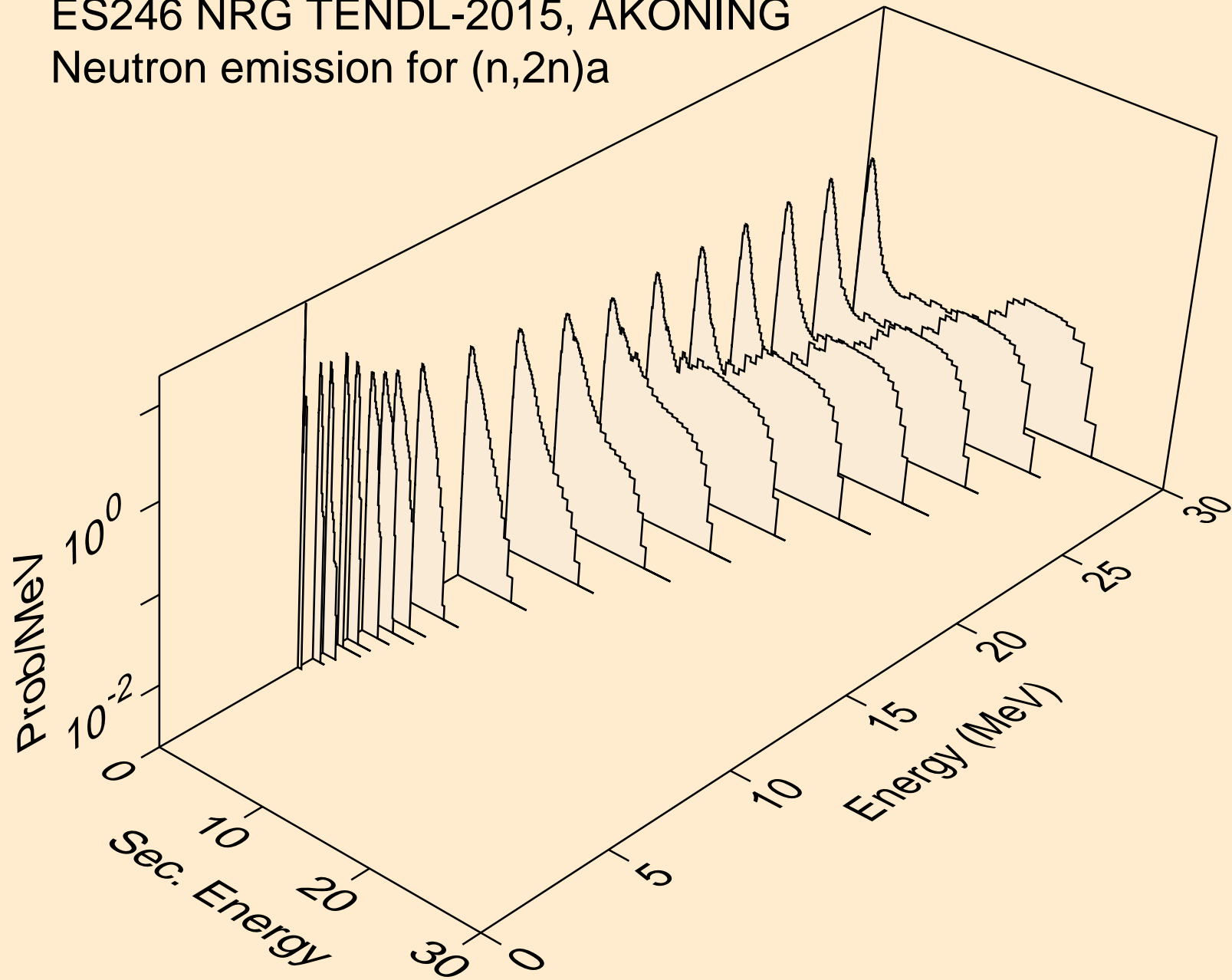
ES246 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



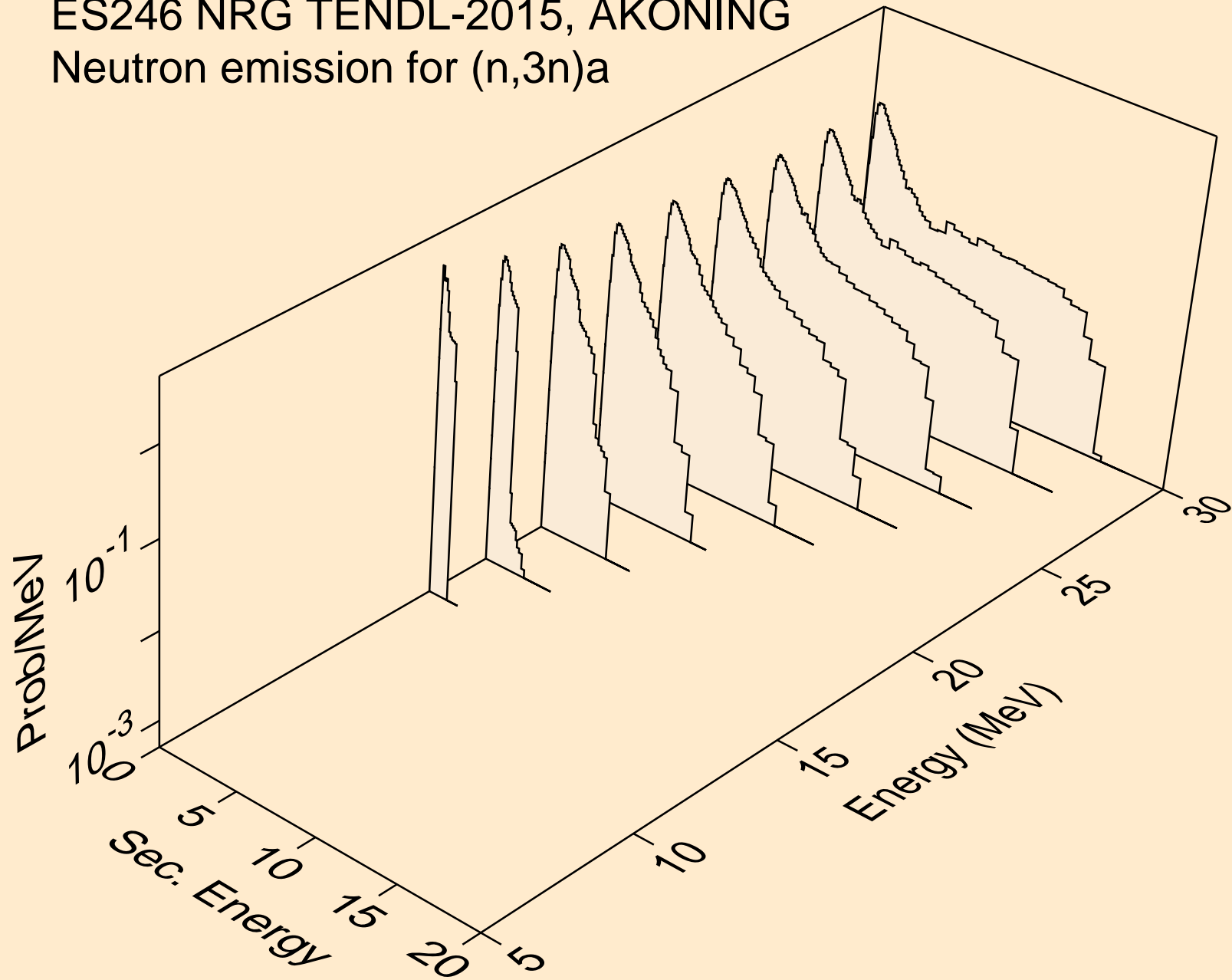
ES246 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a



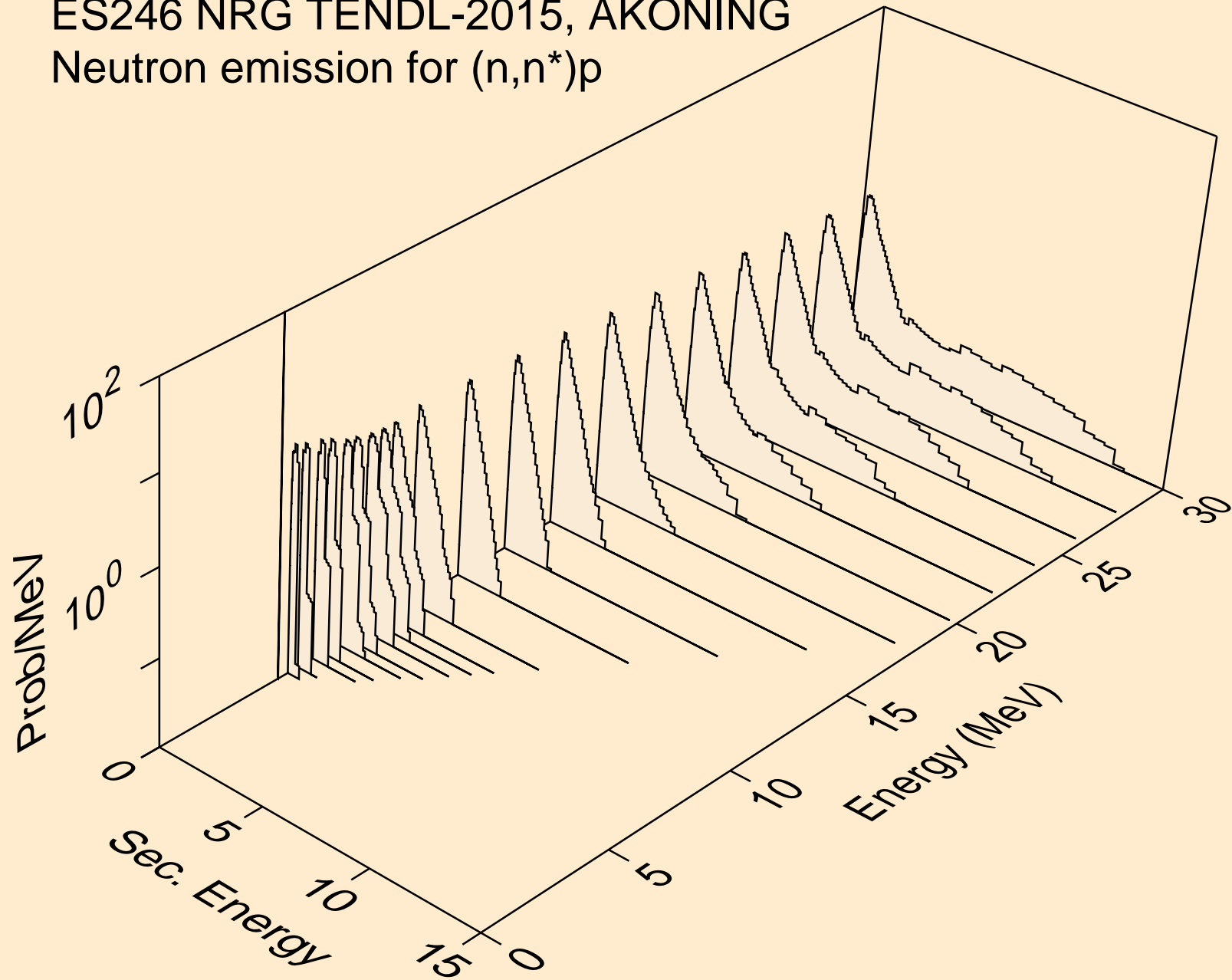
ES246 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



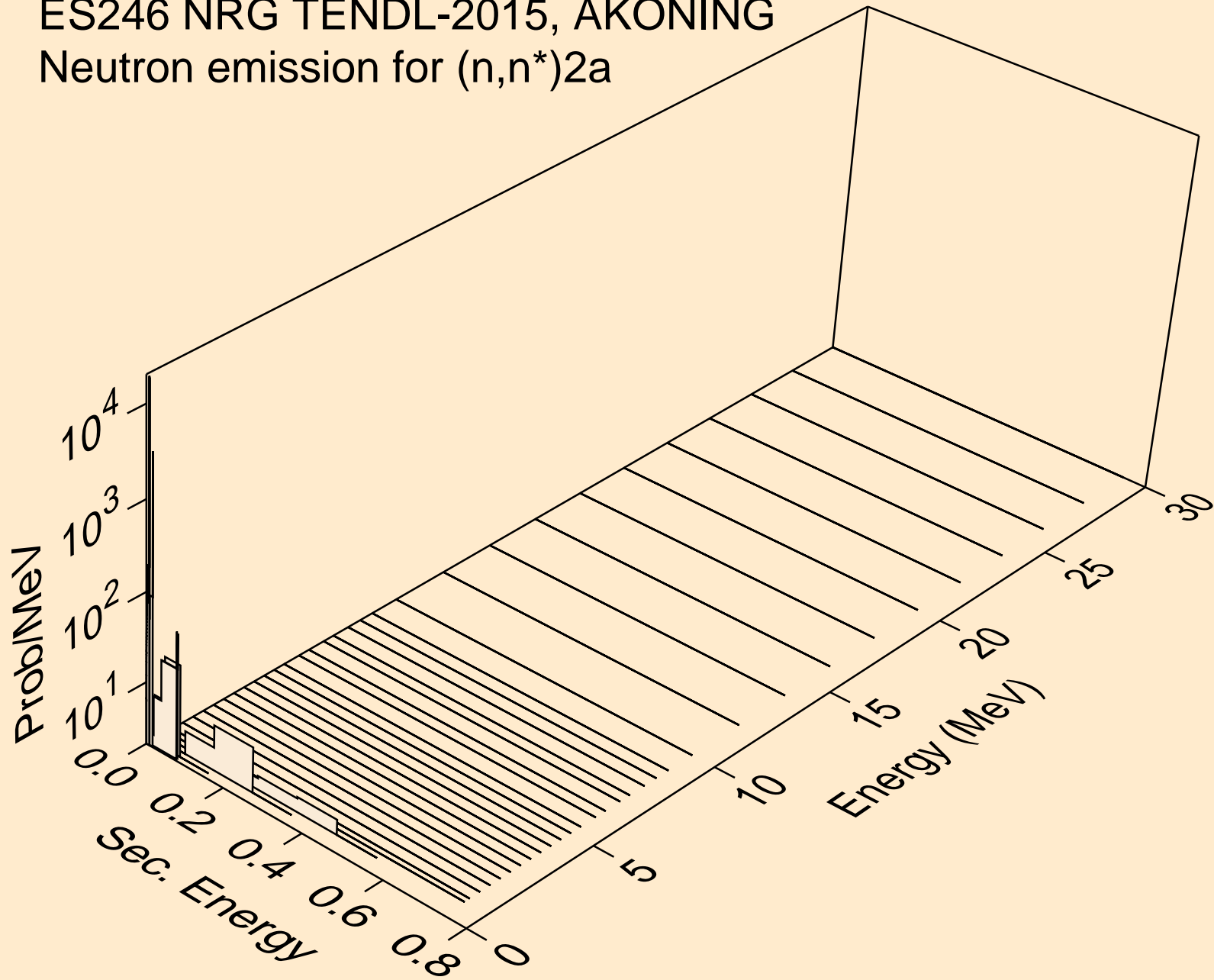
ES246 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



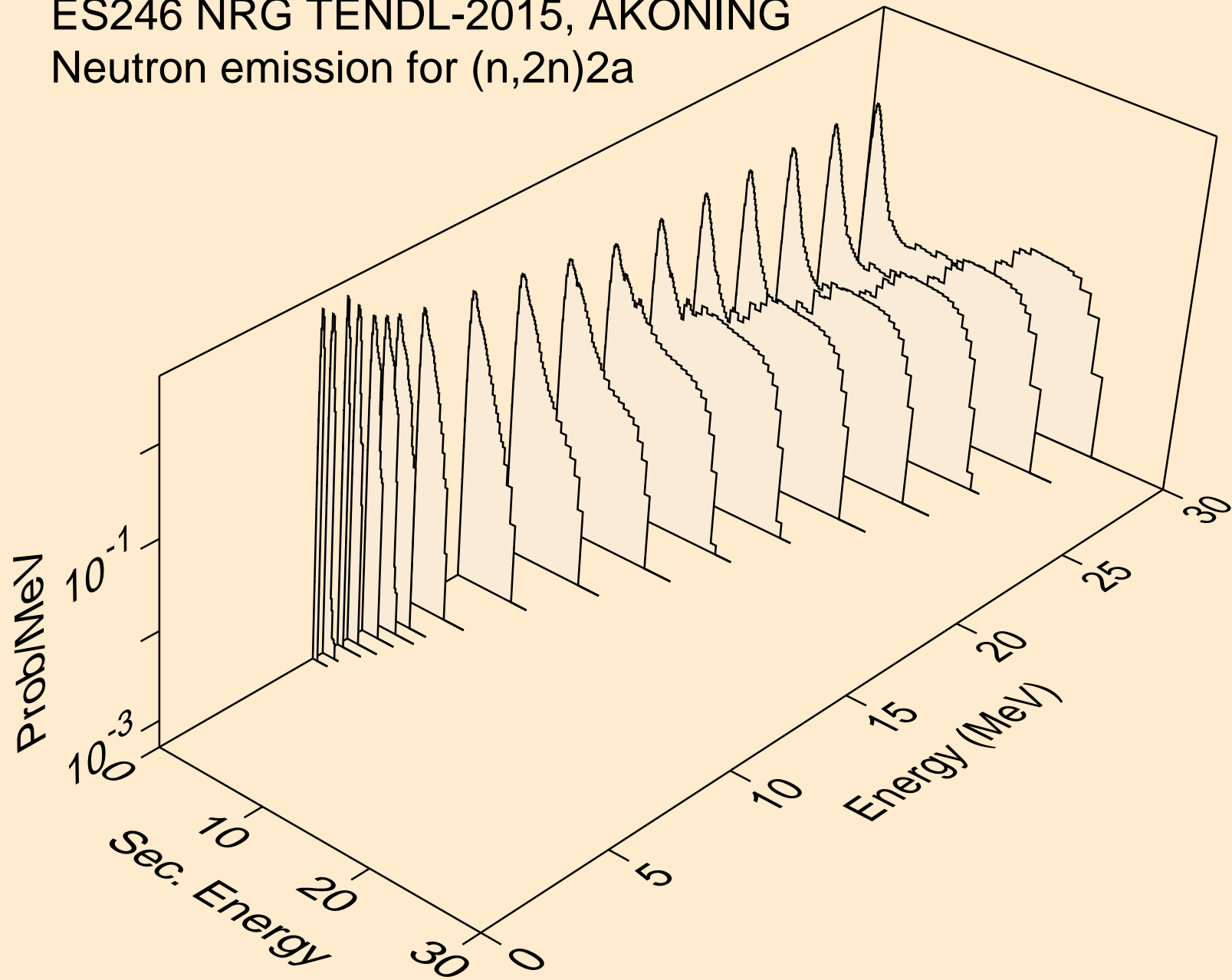
ES246 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



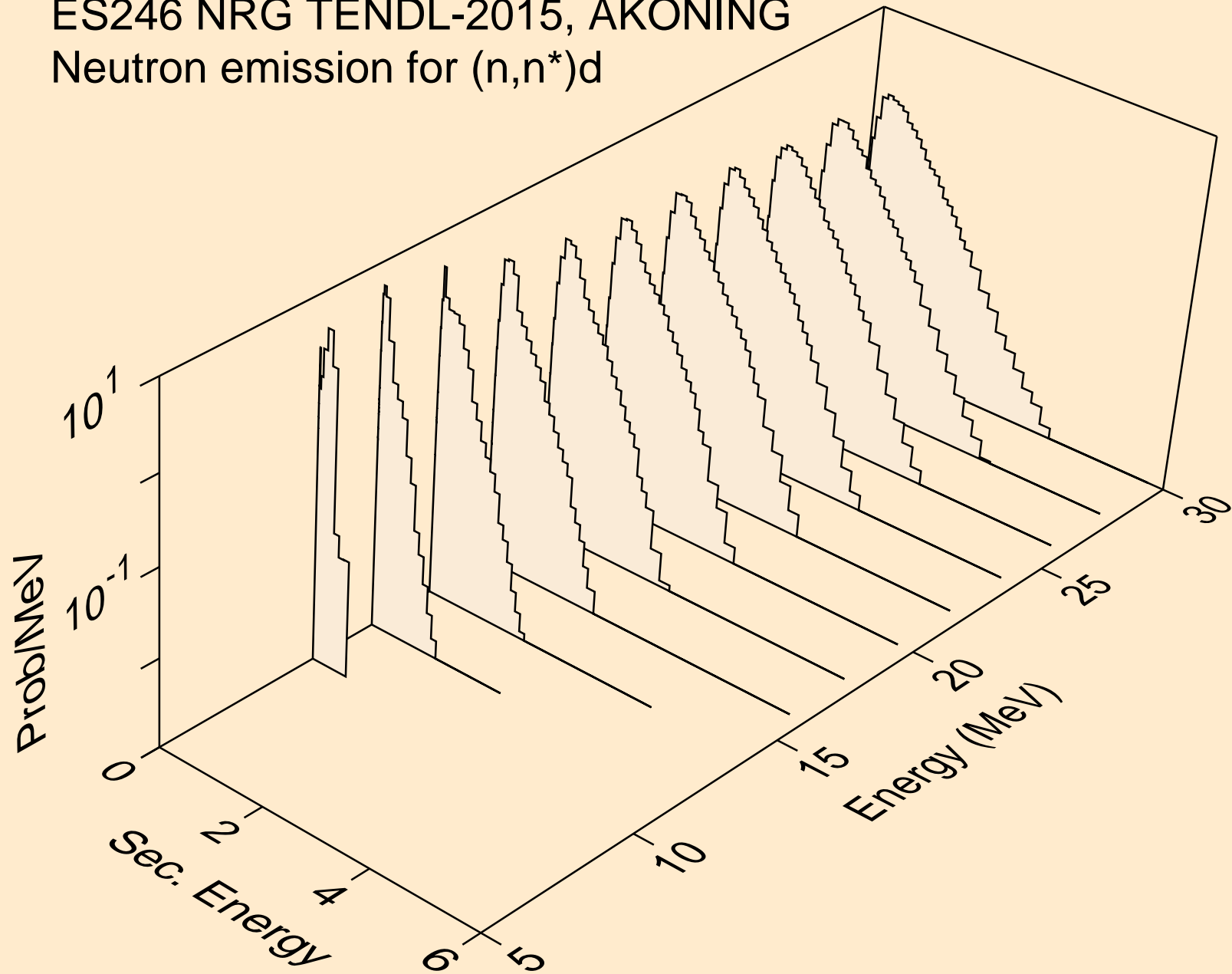
ES246 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



ES246 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a

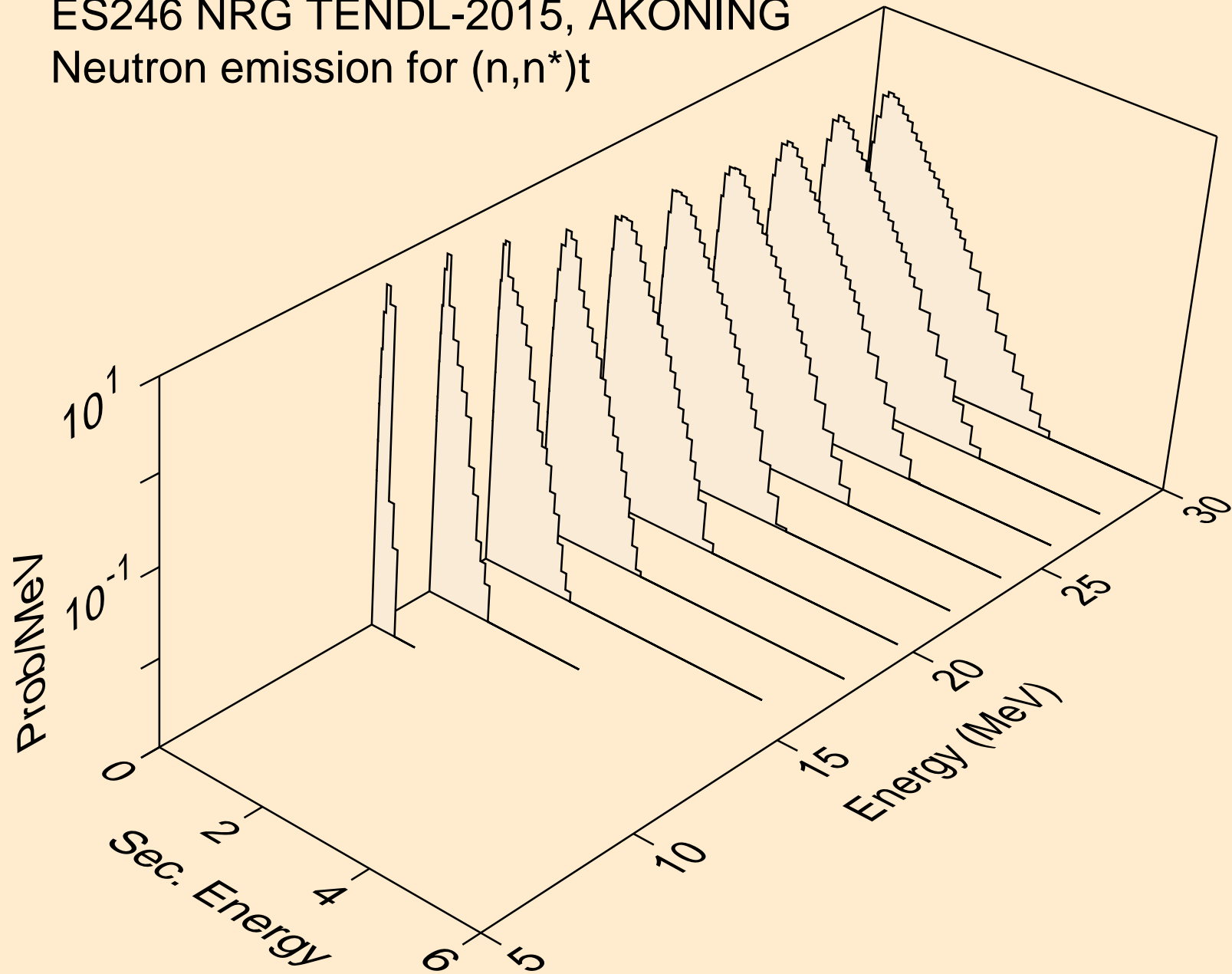


ES246 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

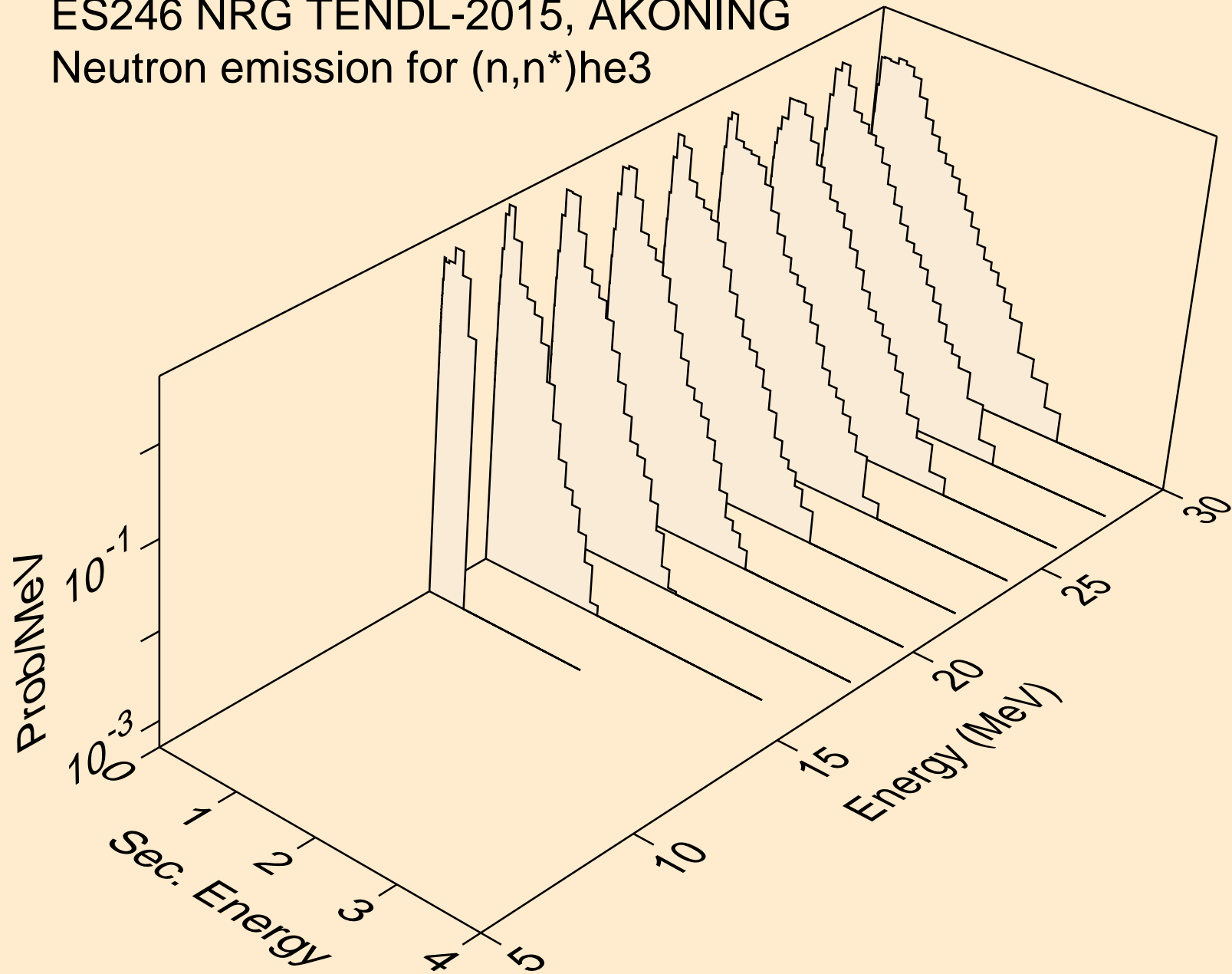




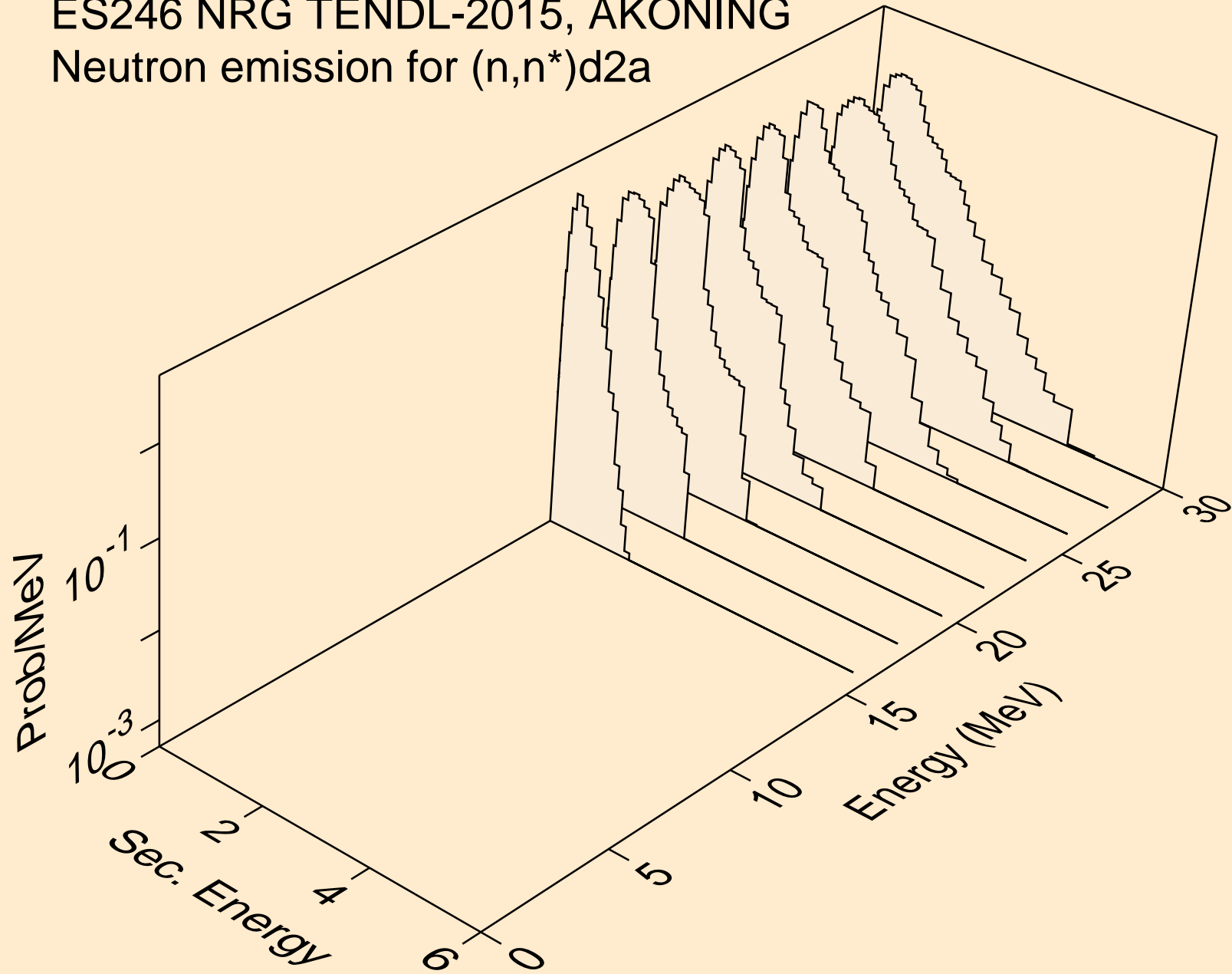
ES246 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



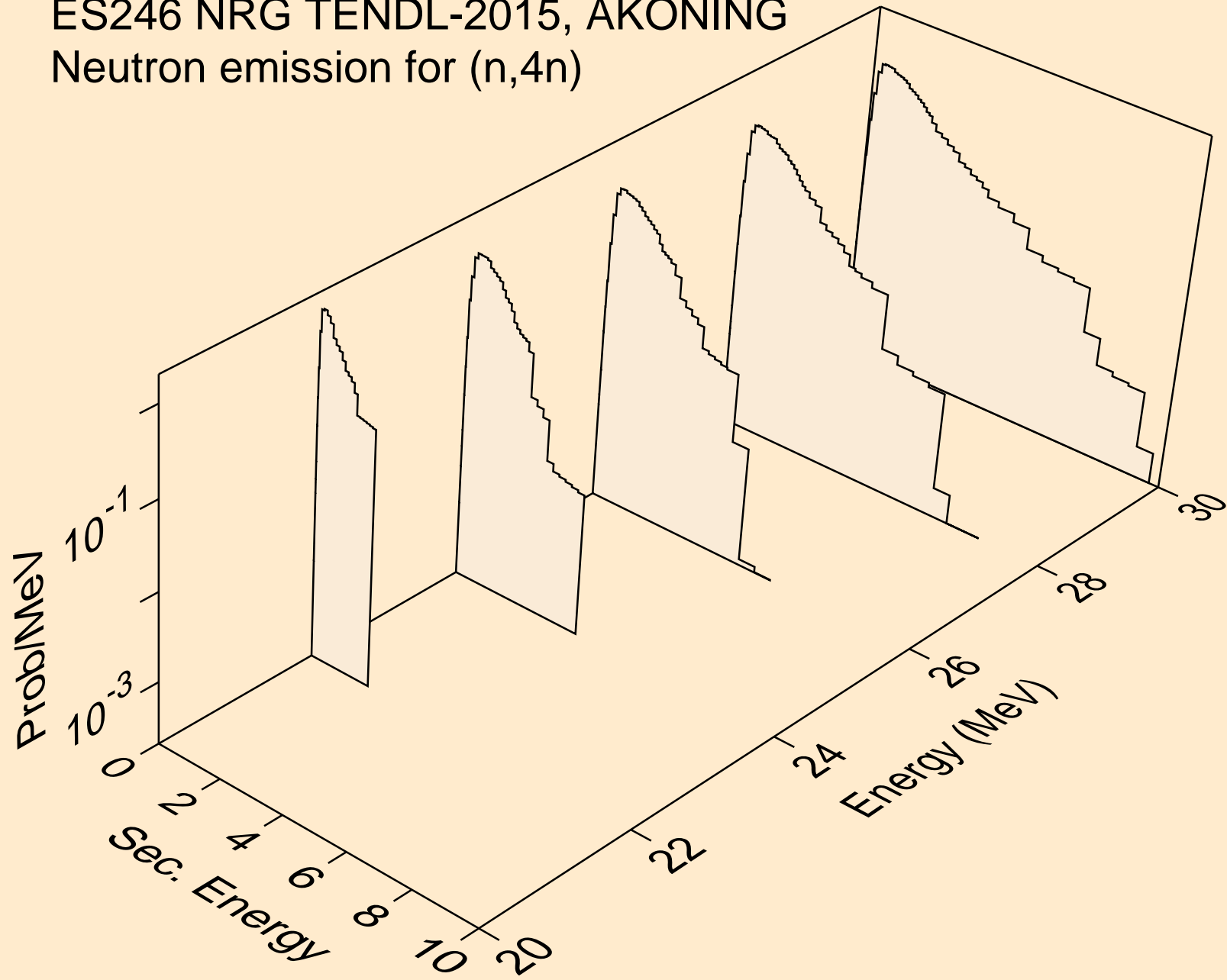
ES246 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



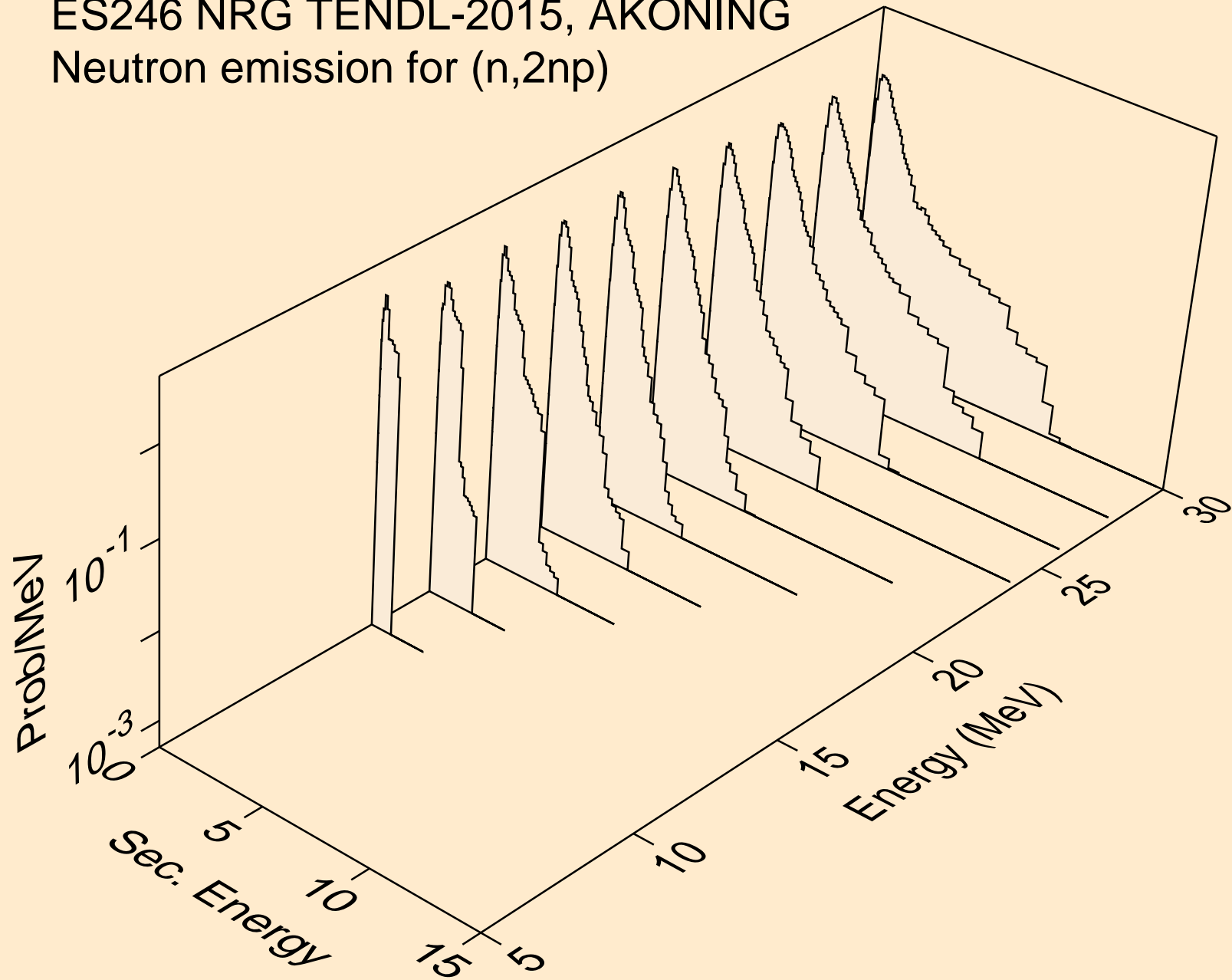
ES246 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d2a



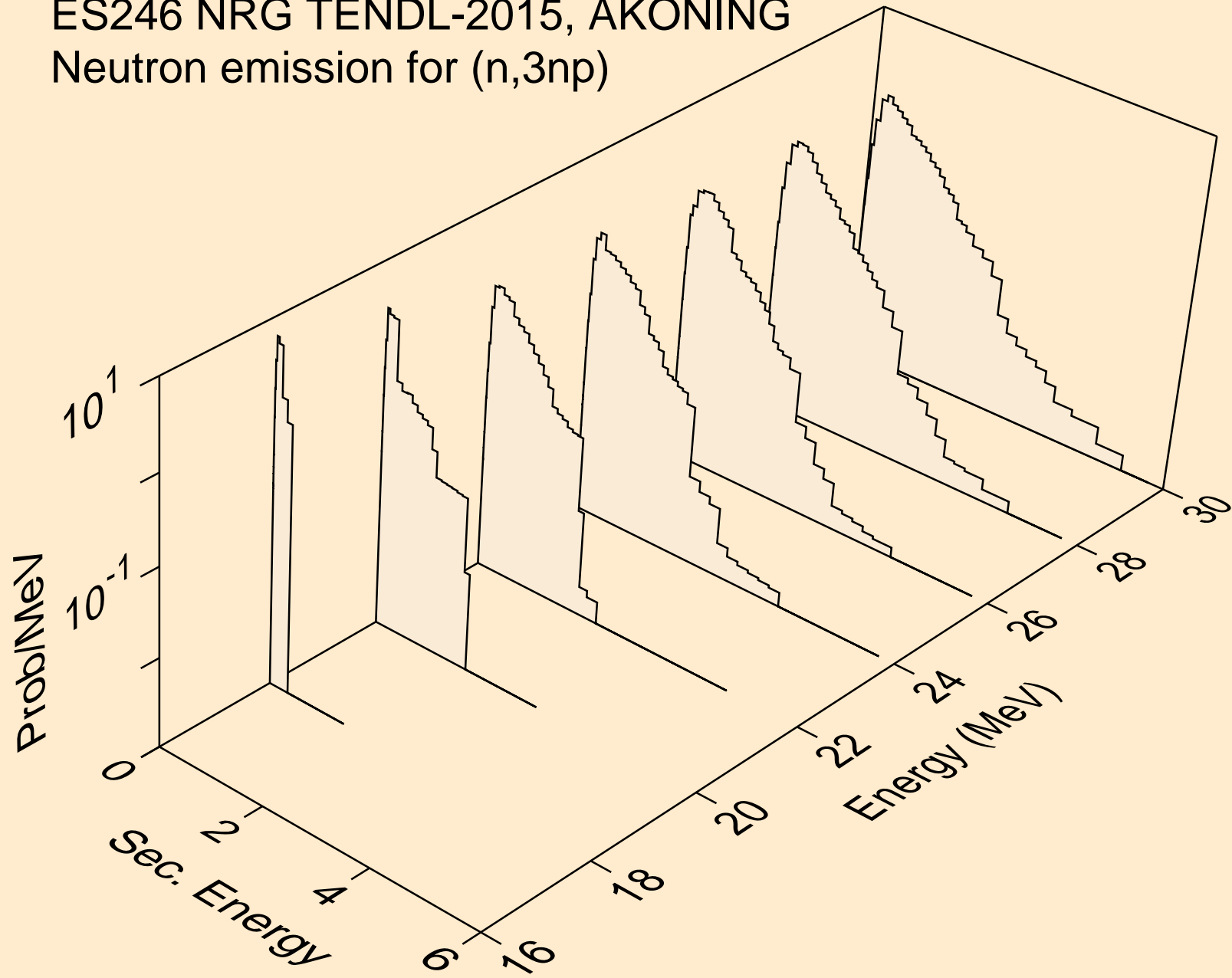
ES246 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



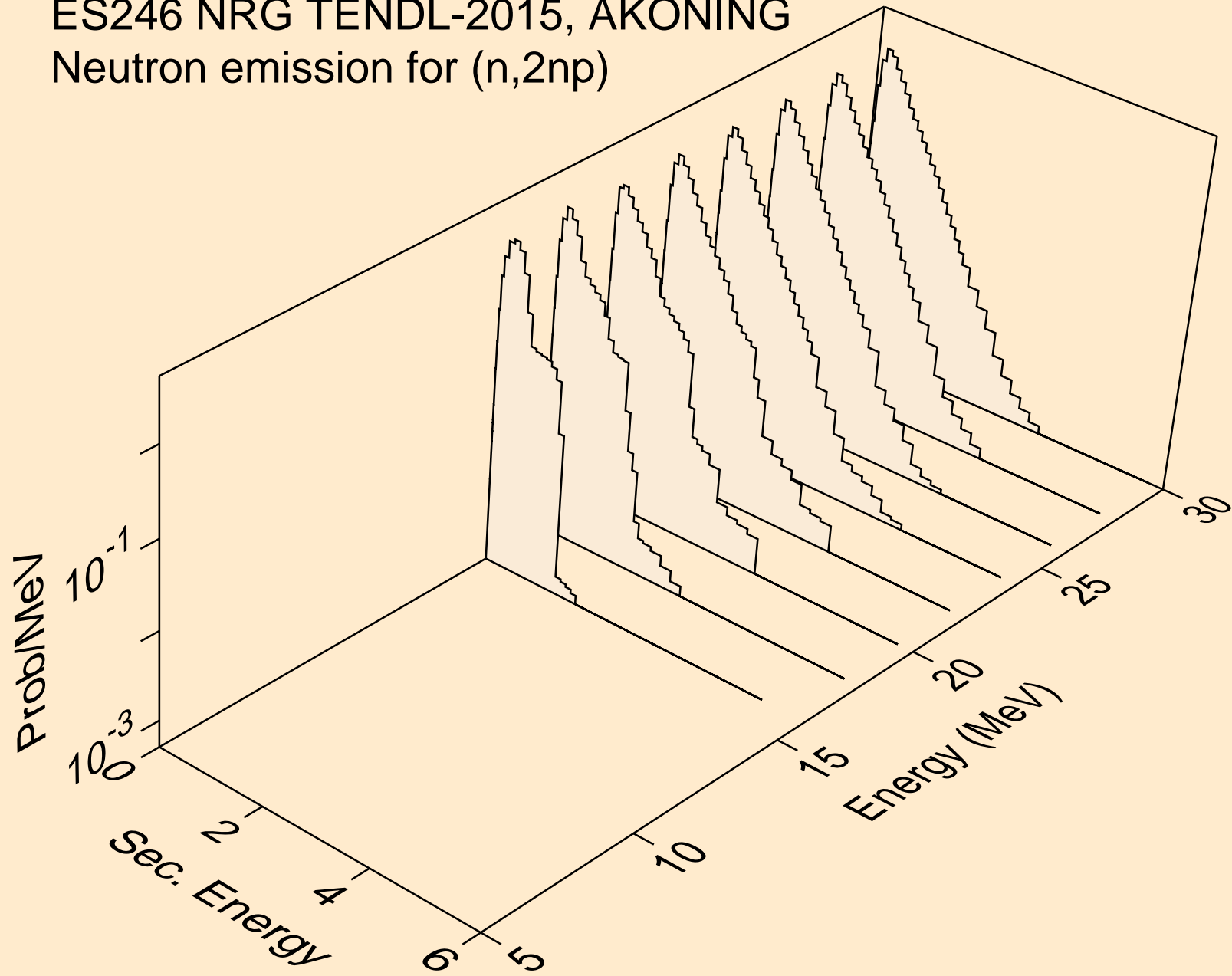
ES246 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



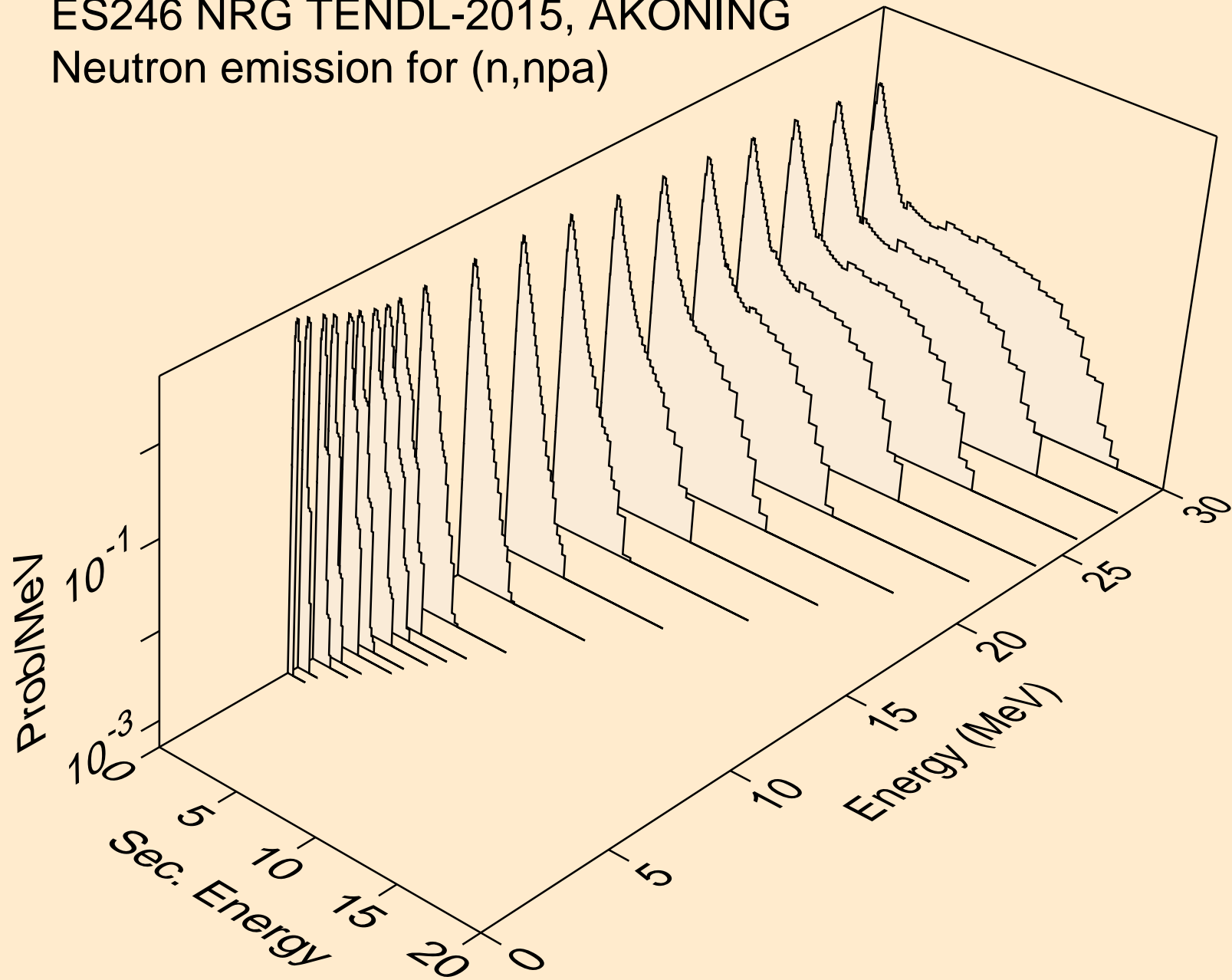
ES246 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



ES246 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

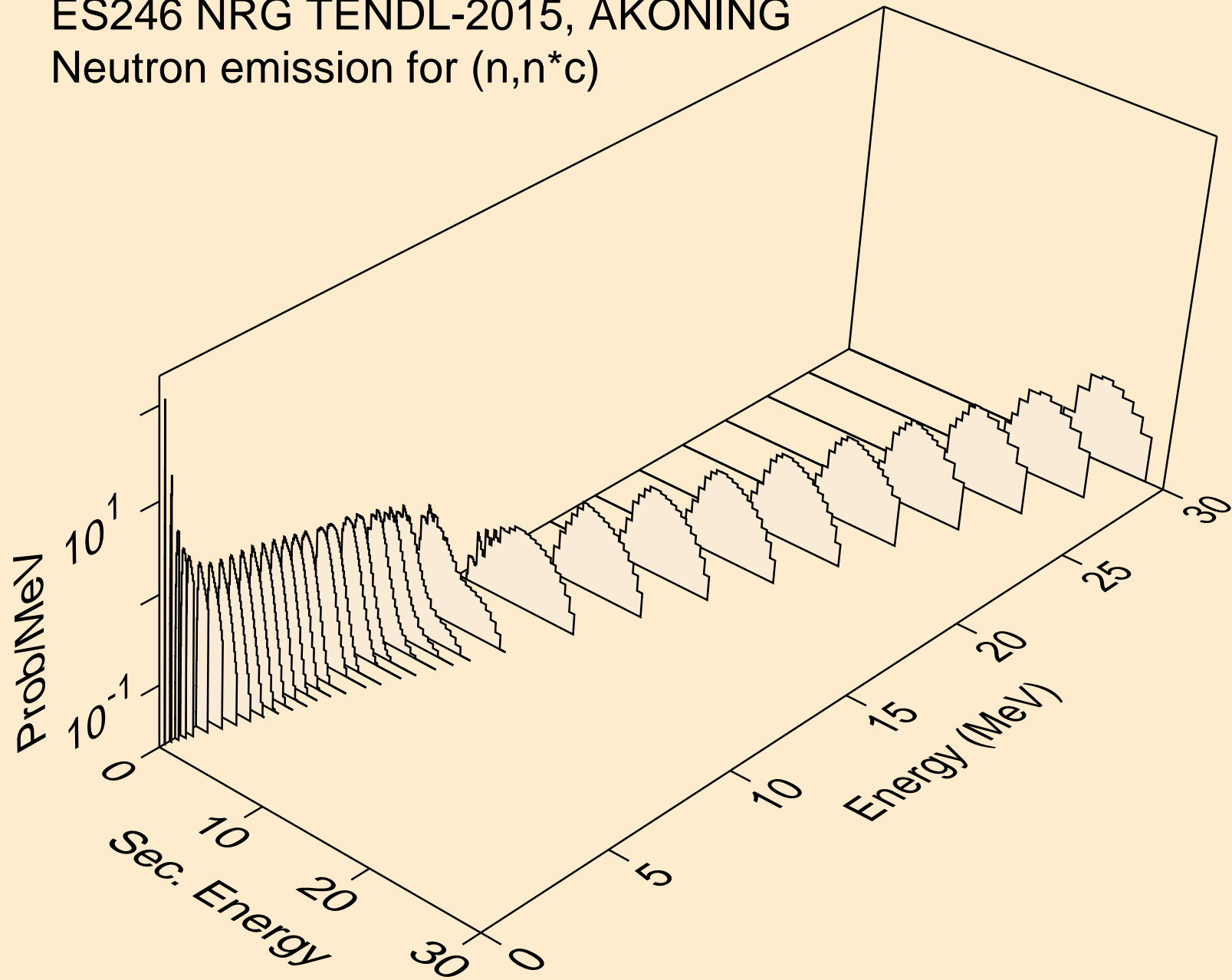


ES246 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



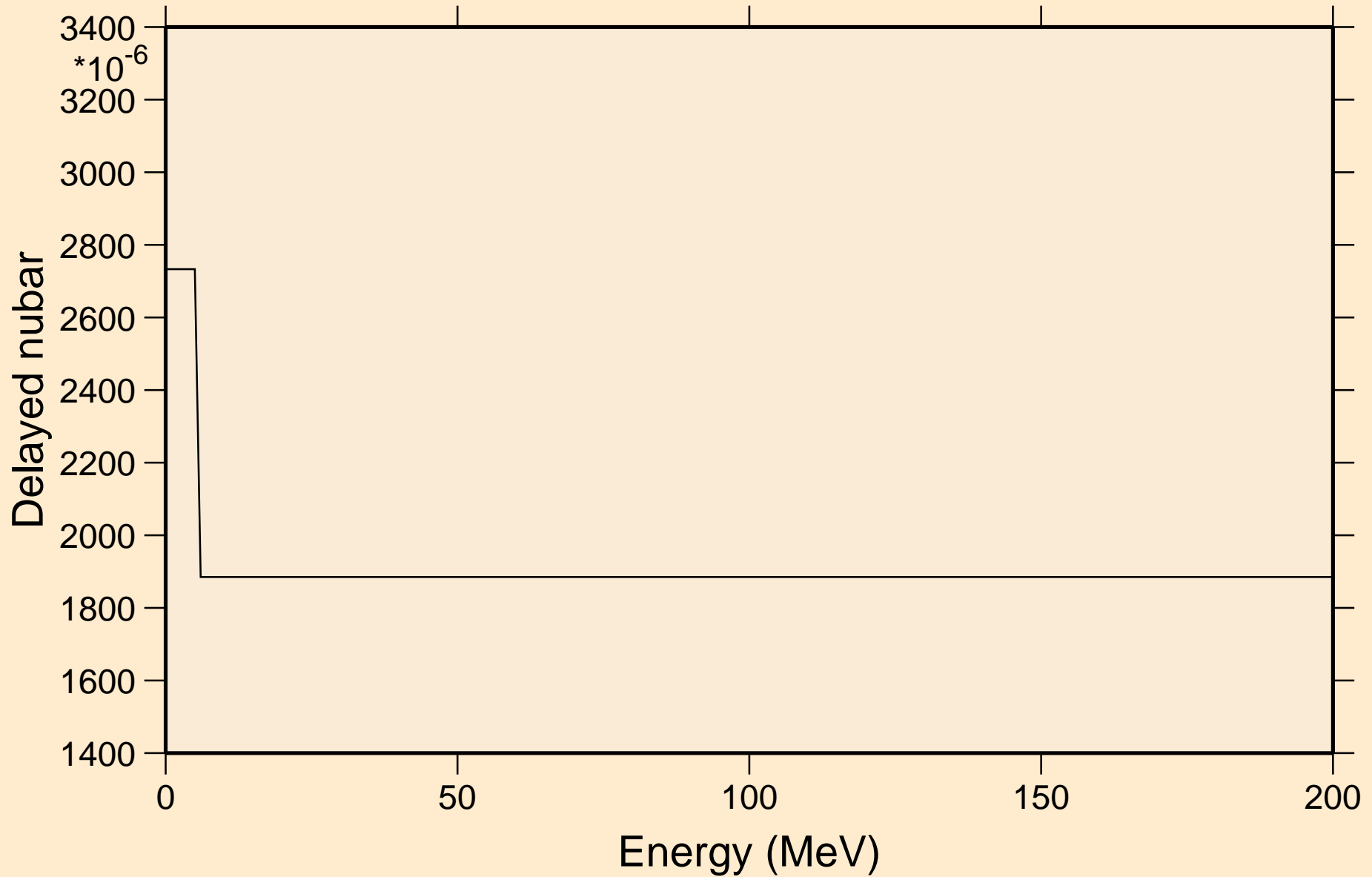


ES246 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



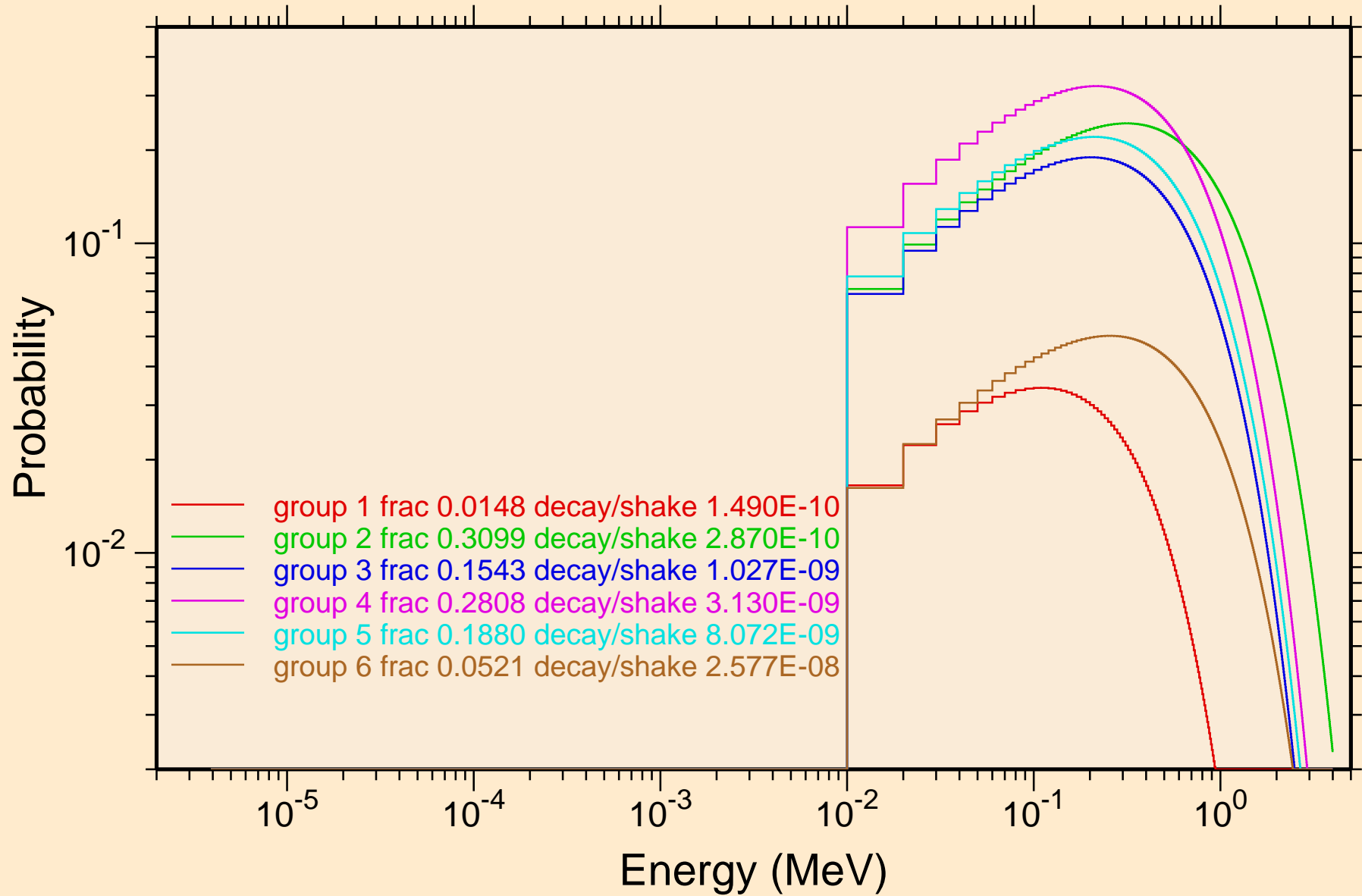
# ES246 NRG TENDL-2015, AKONING

## Delayed nubar

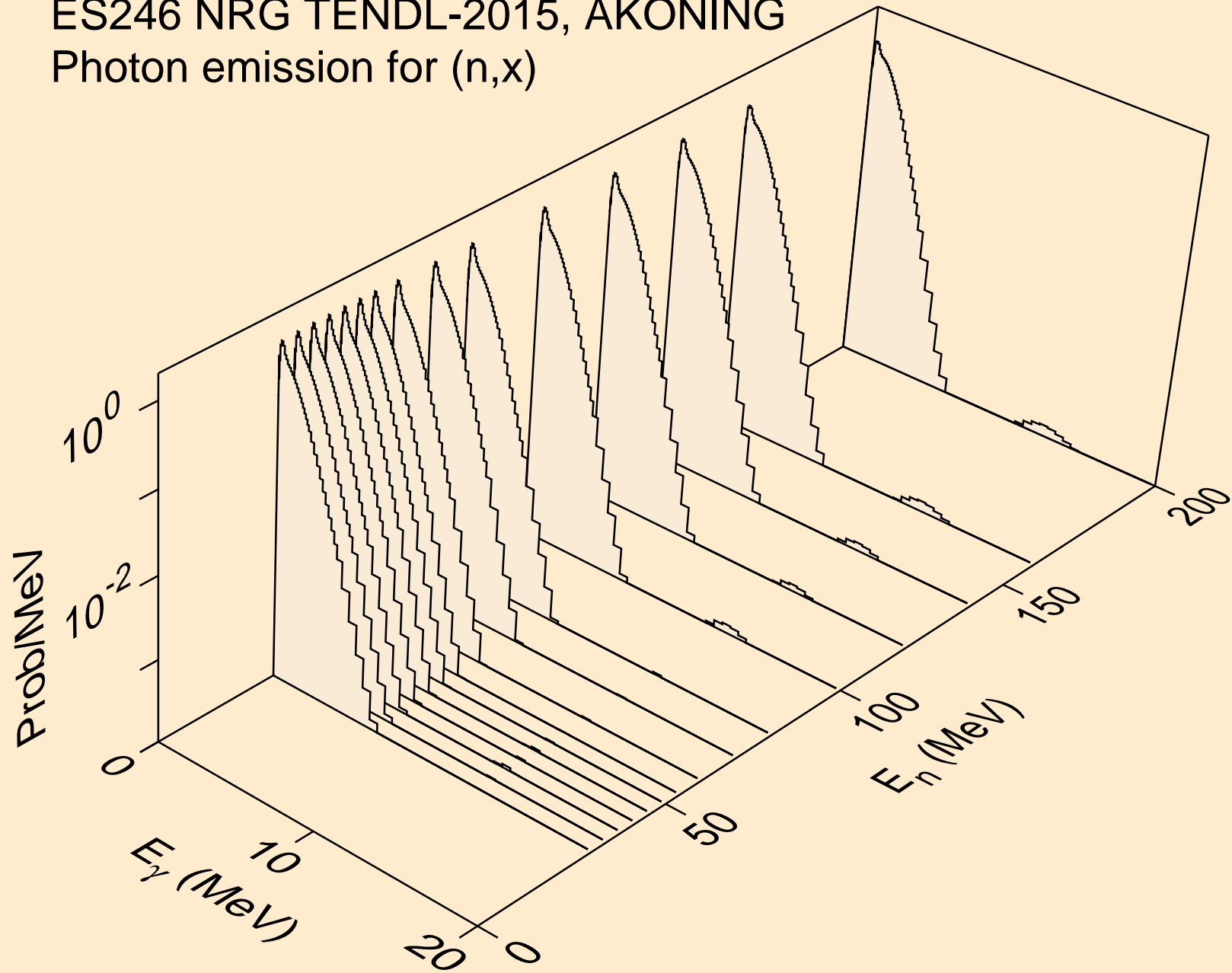


# ES246 NRG TENDL-2015, AKONING

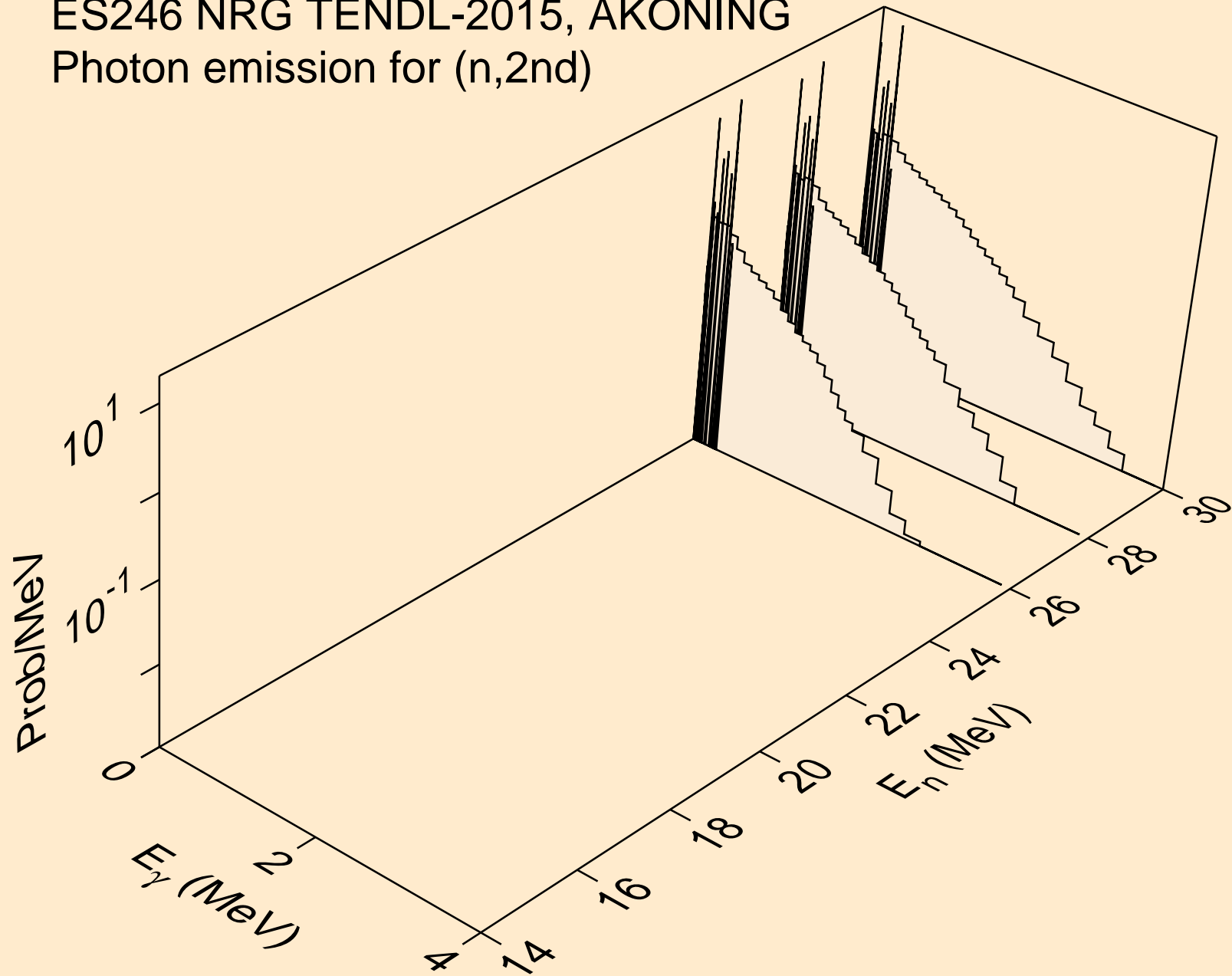
## Delayed neutron spectra



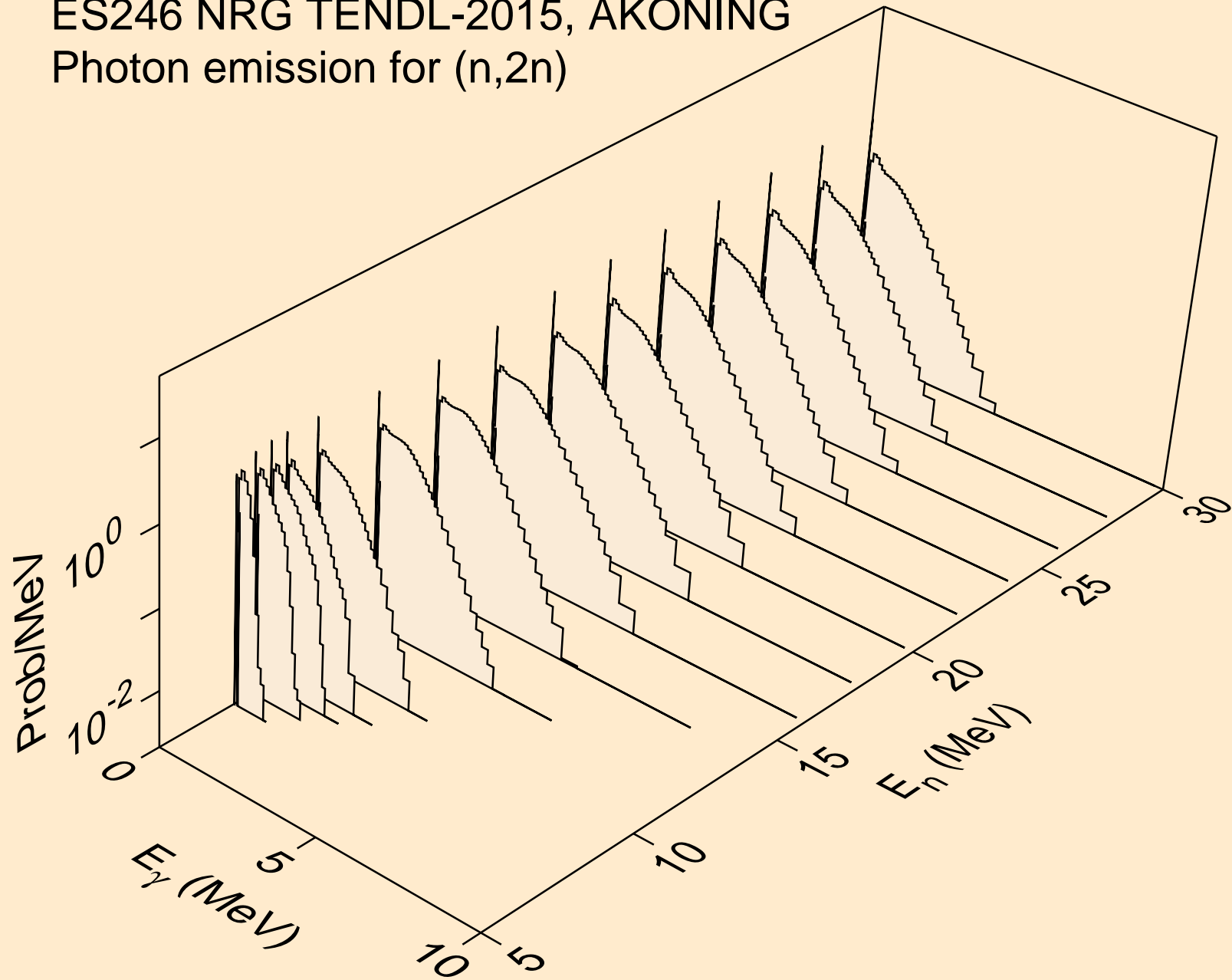
ES246 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



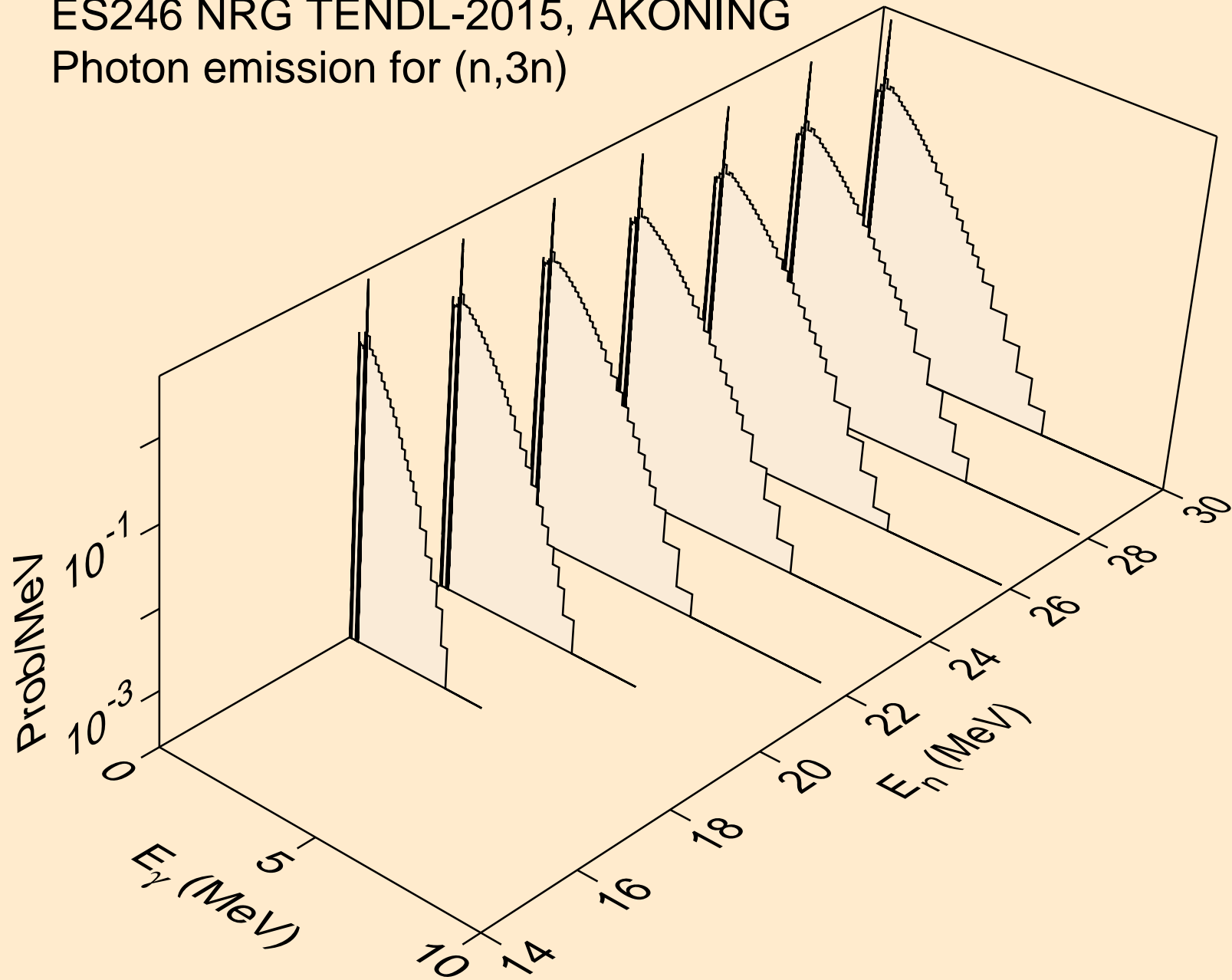
ES246 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



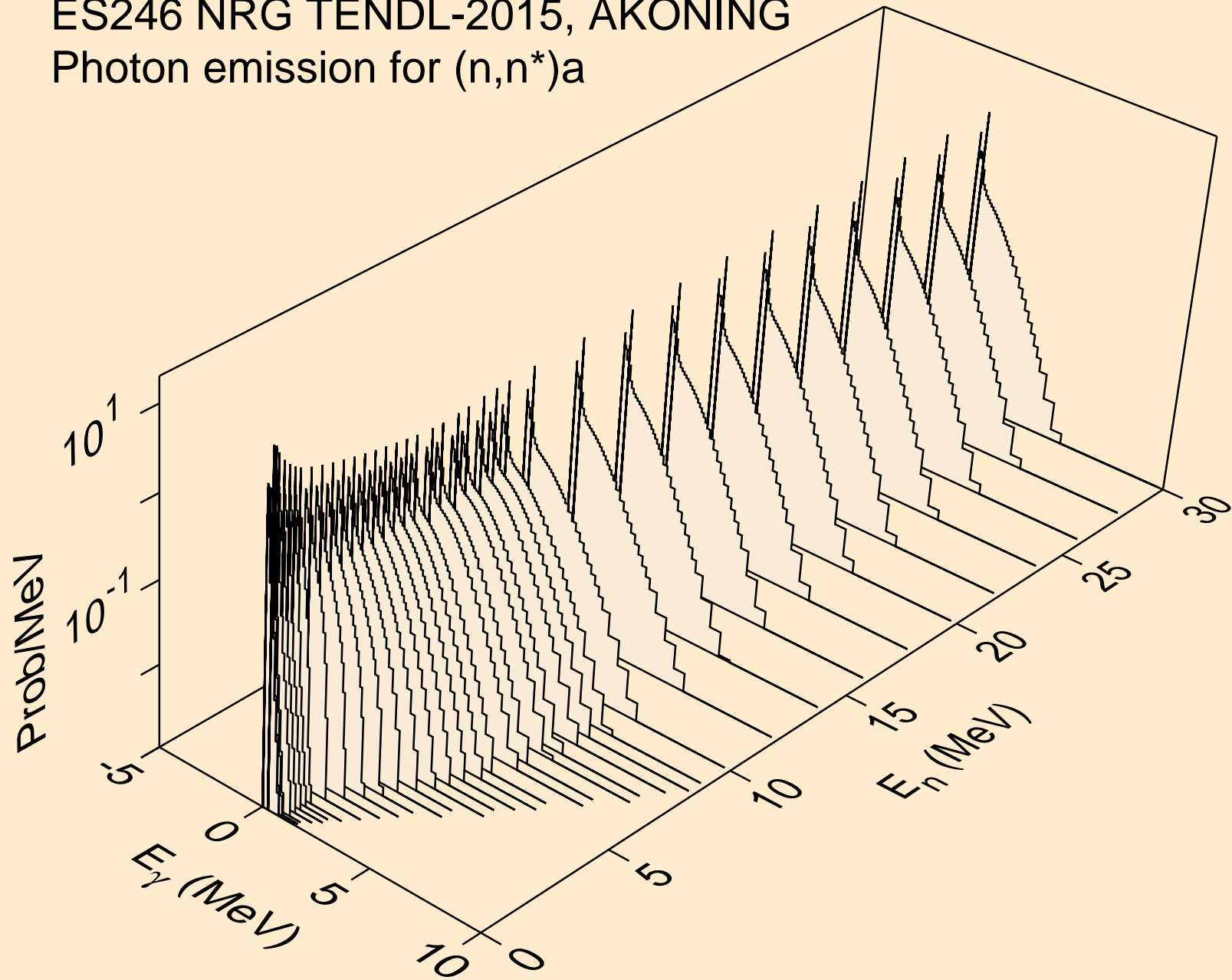
ES246 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



ES246 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

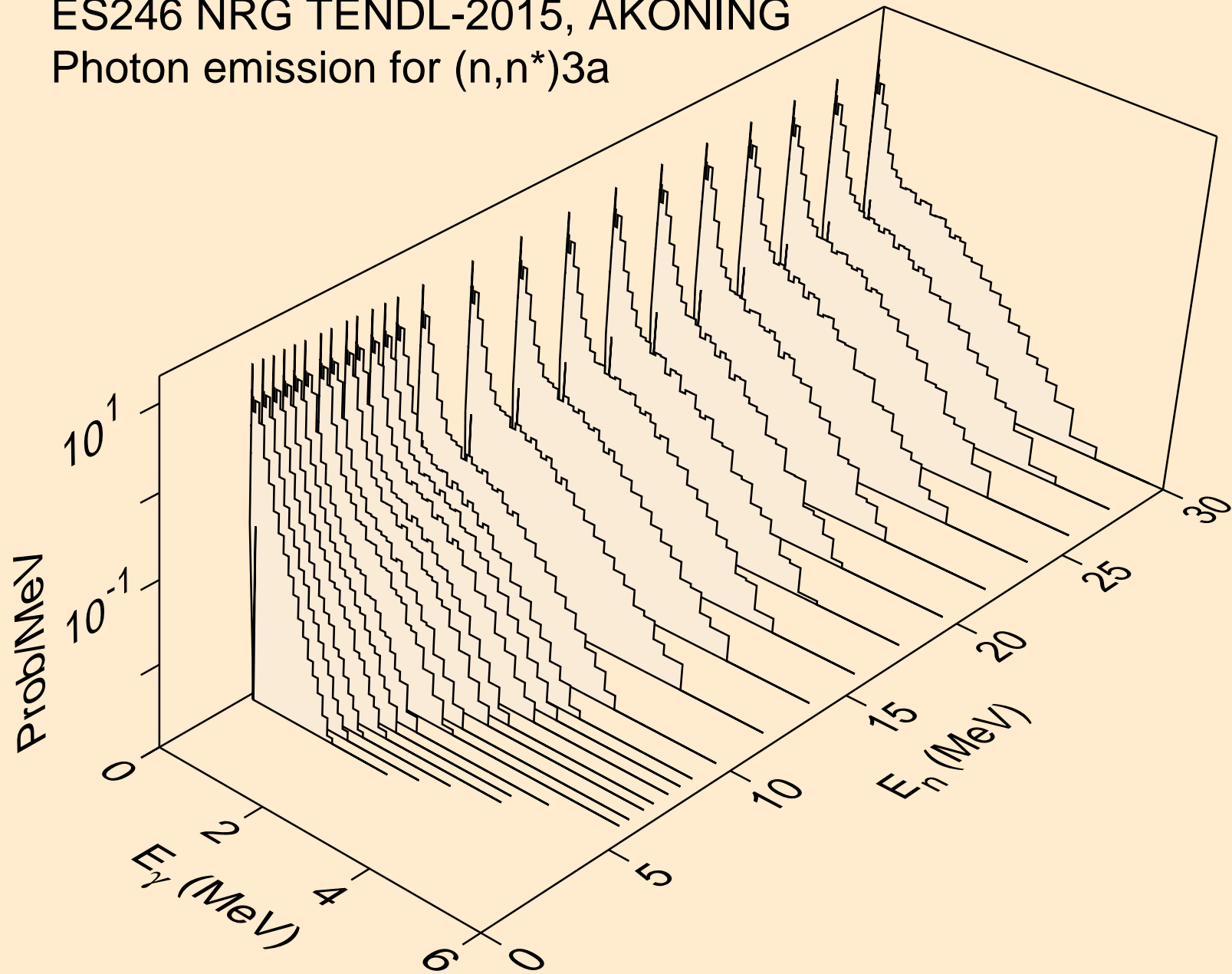


ES246 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

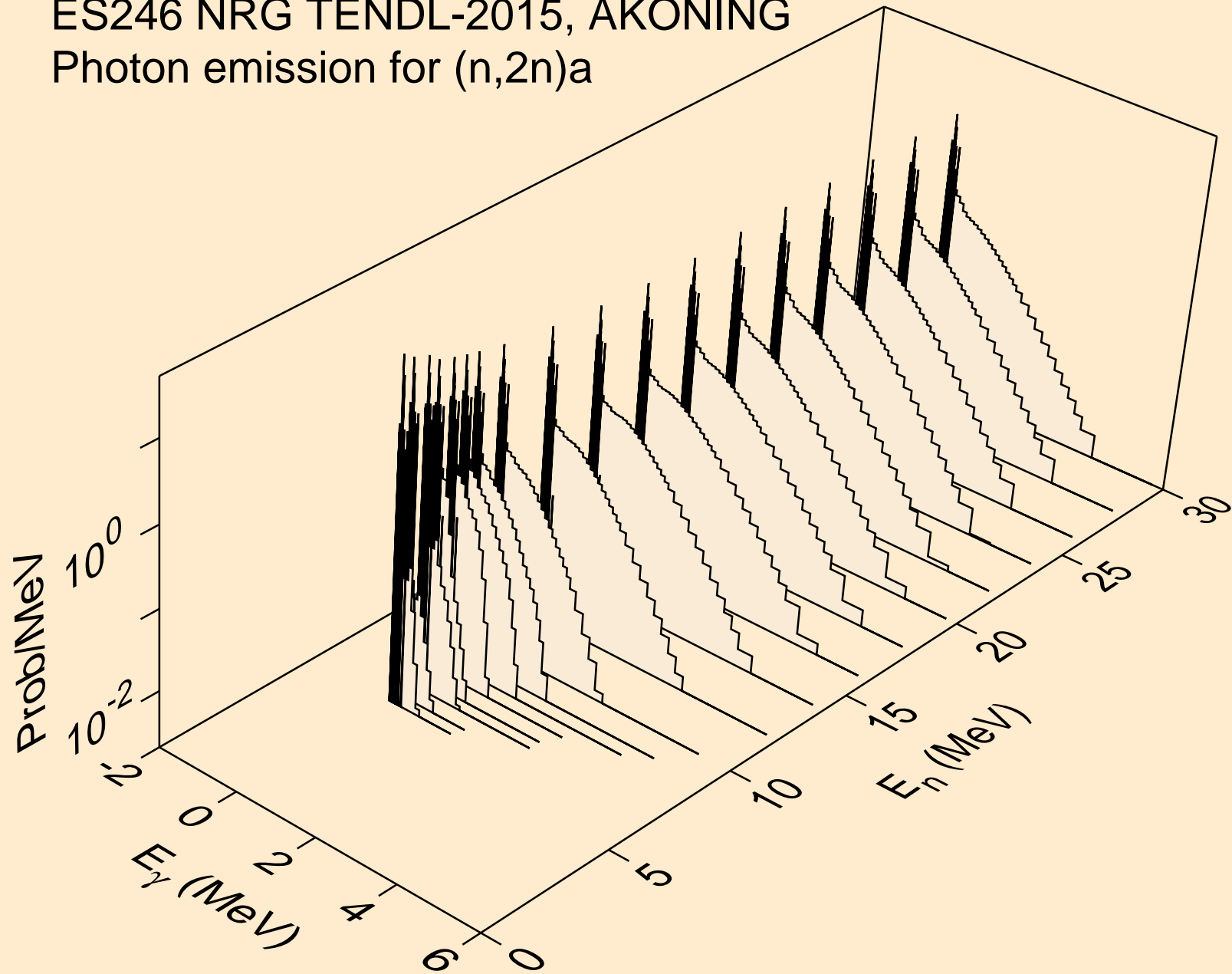




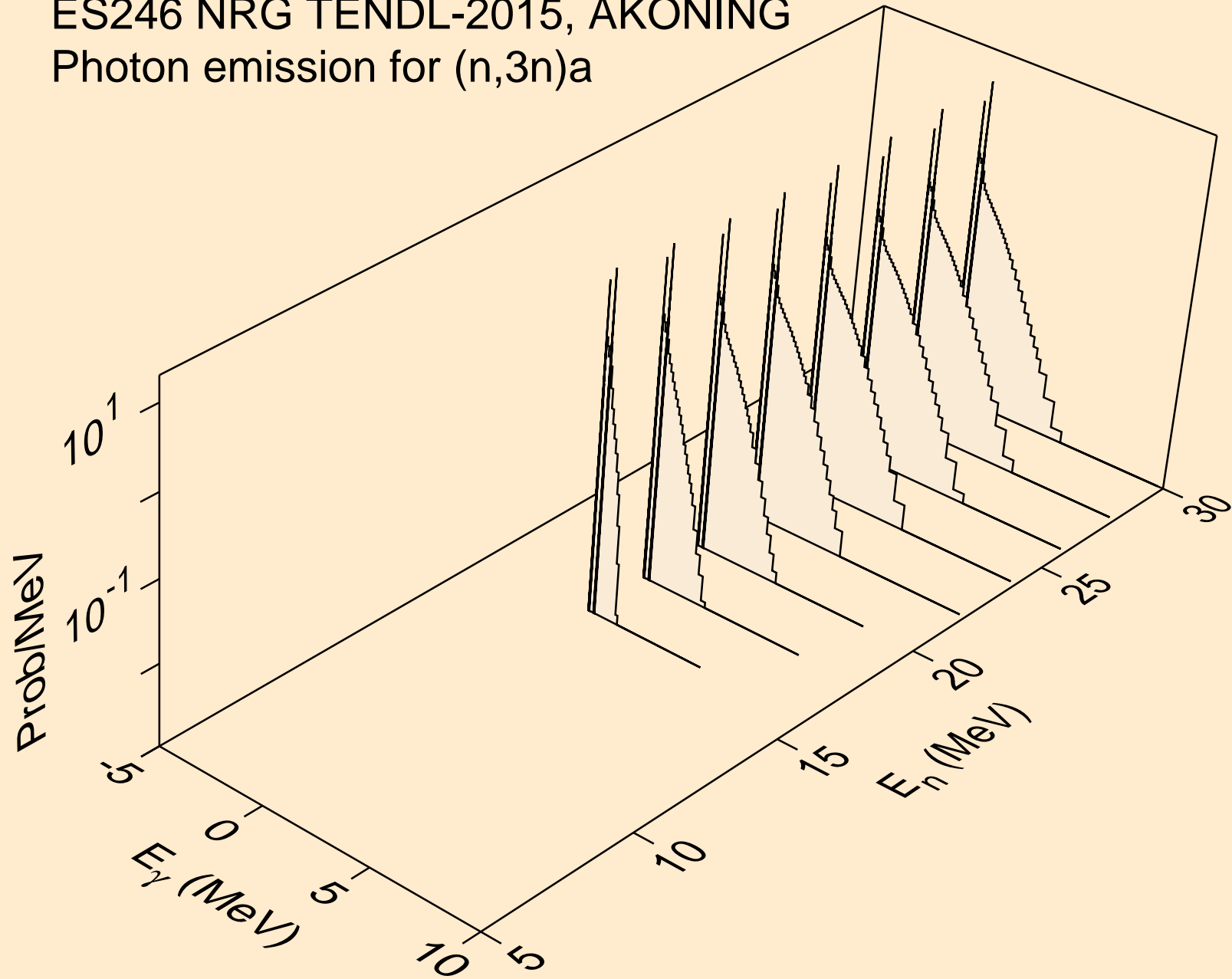
ES246 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a



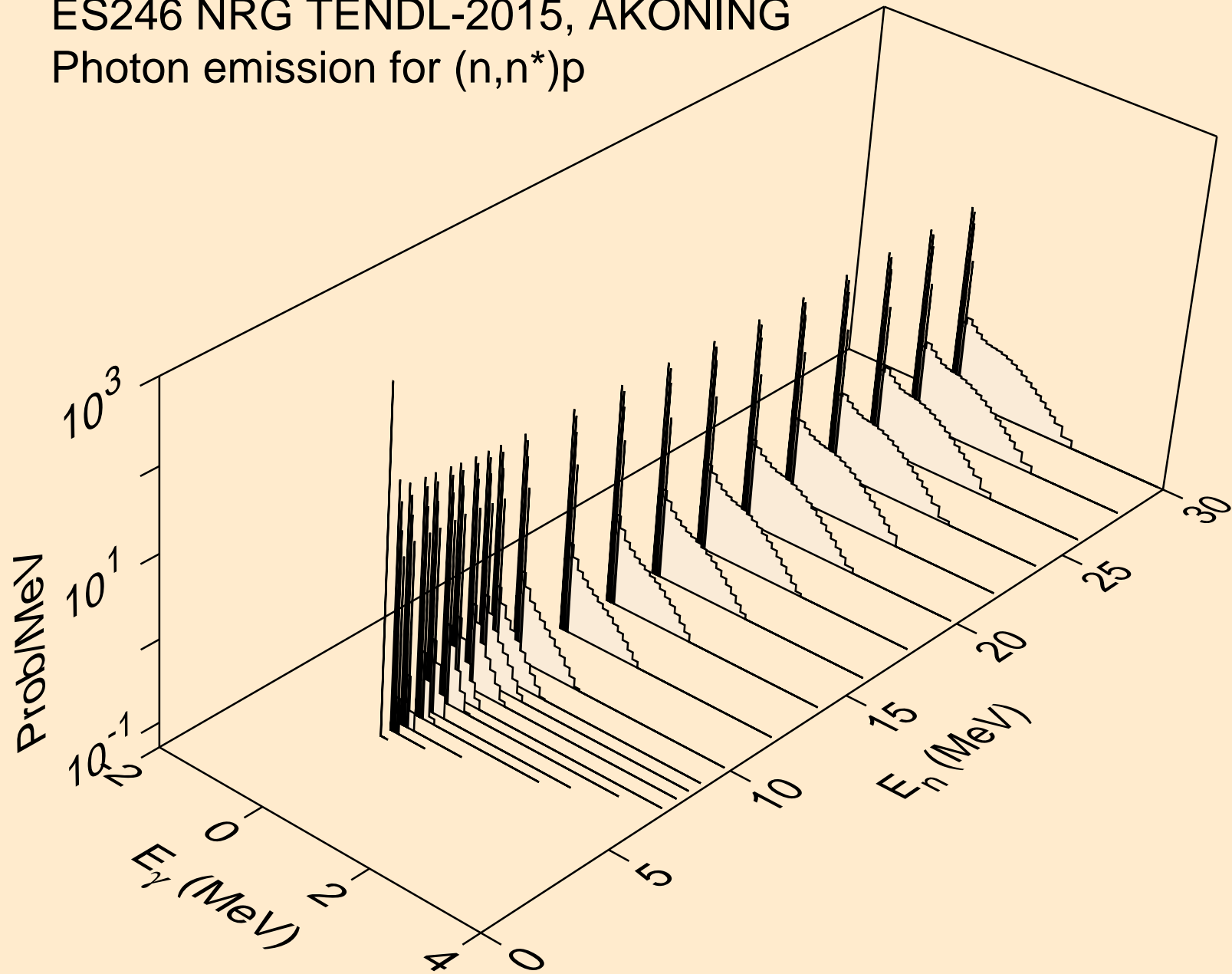
ES246 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



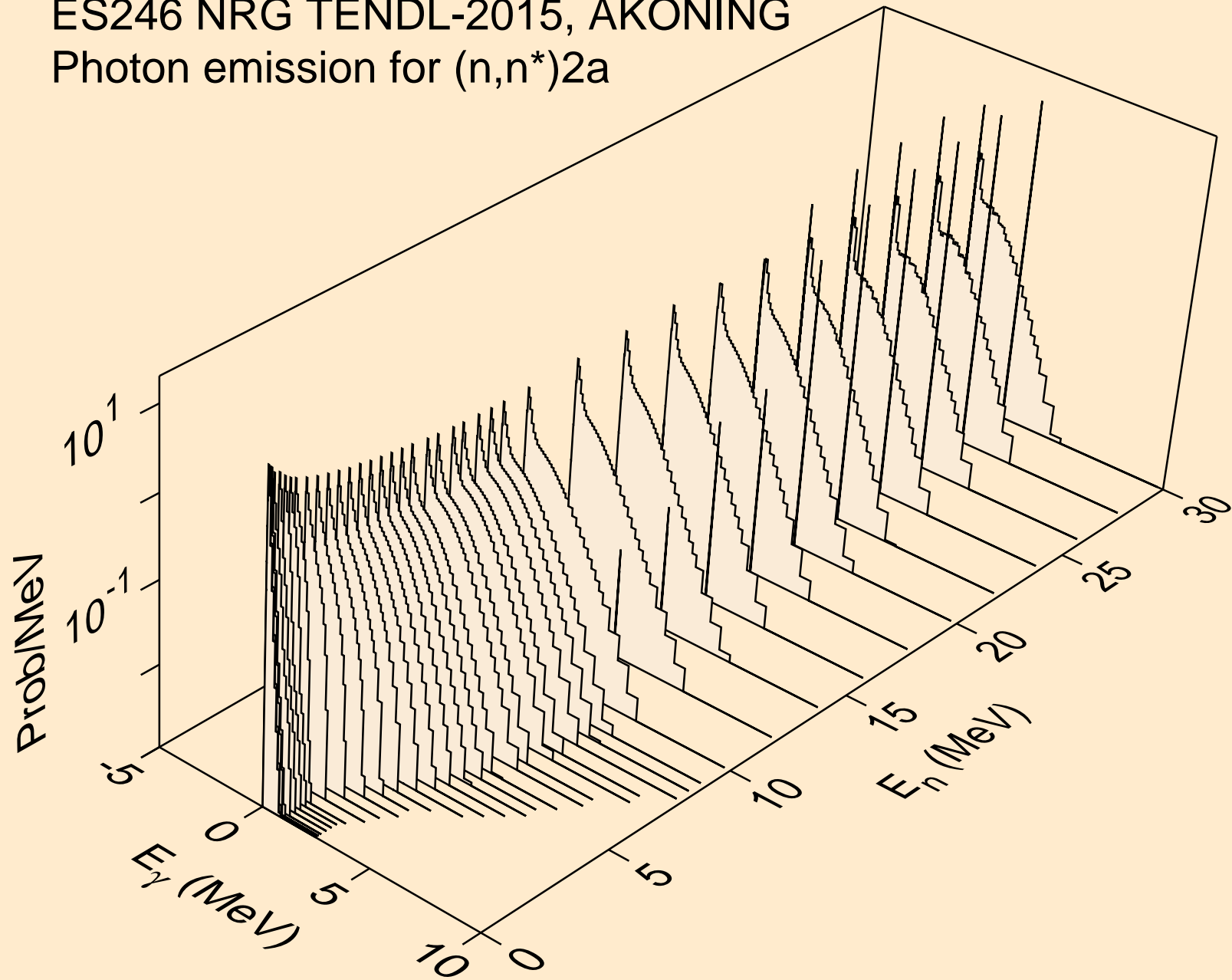
ES246 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



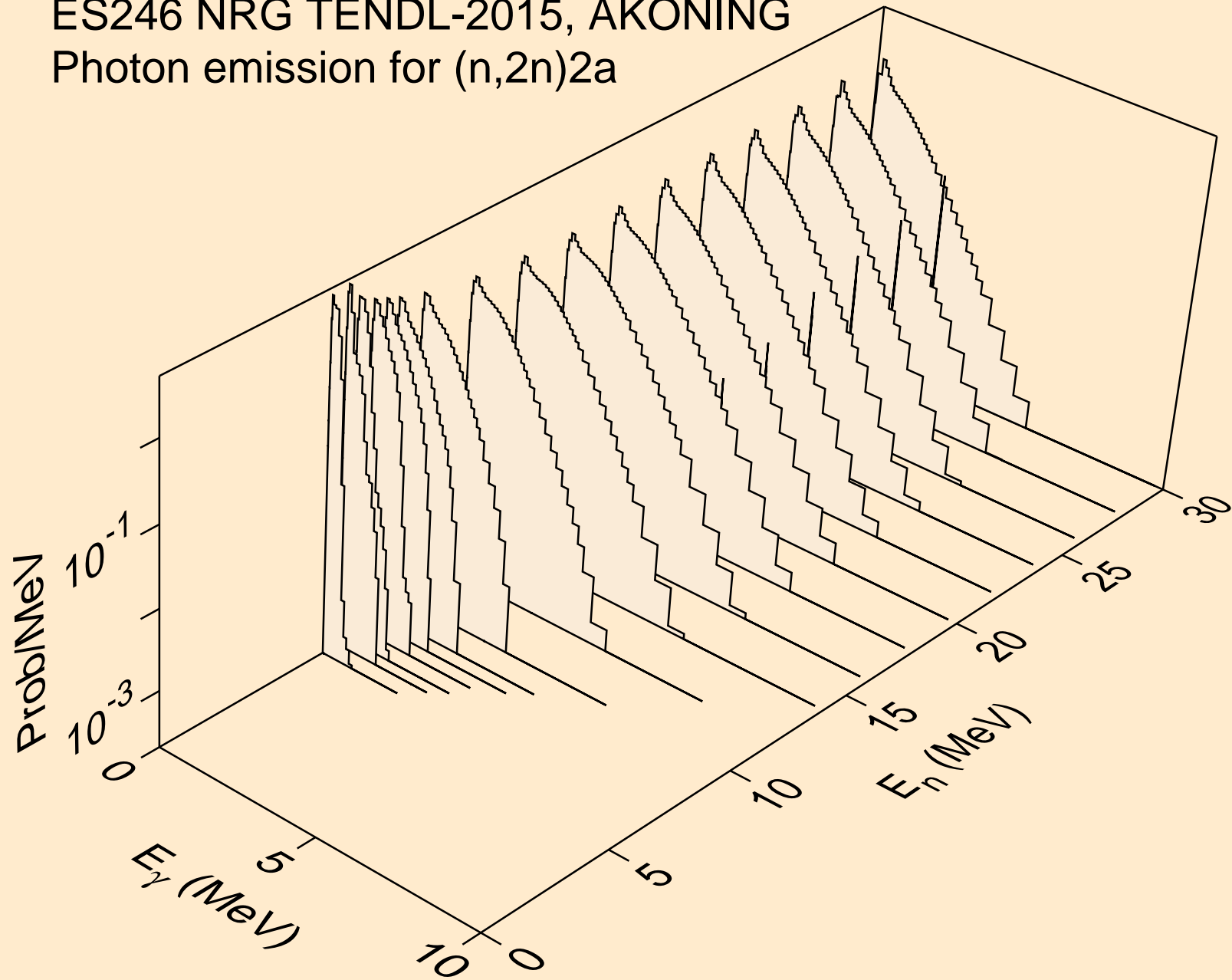
ES246 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



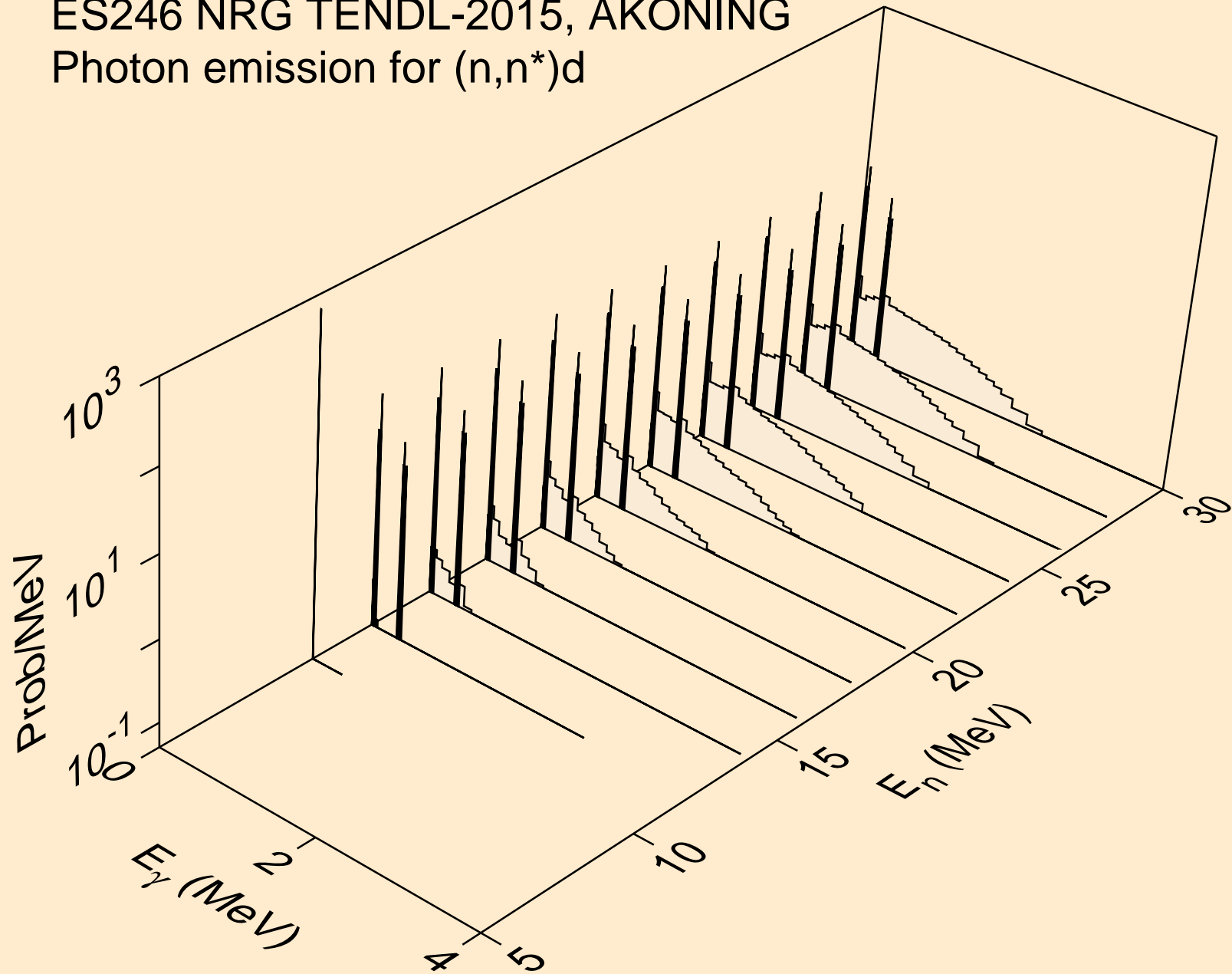
ES246 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



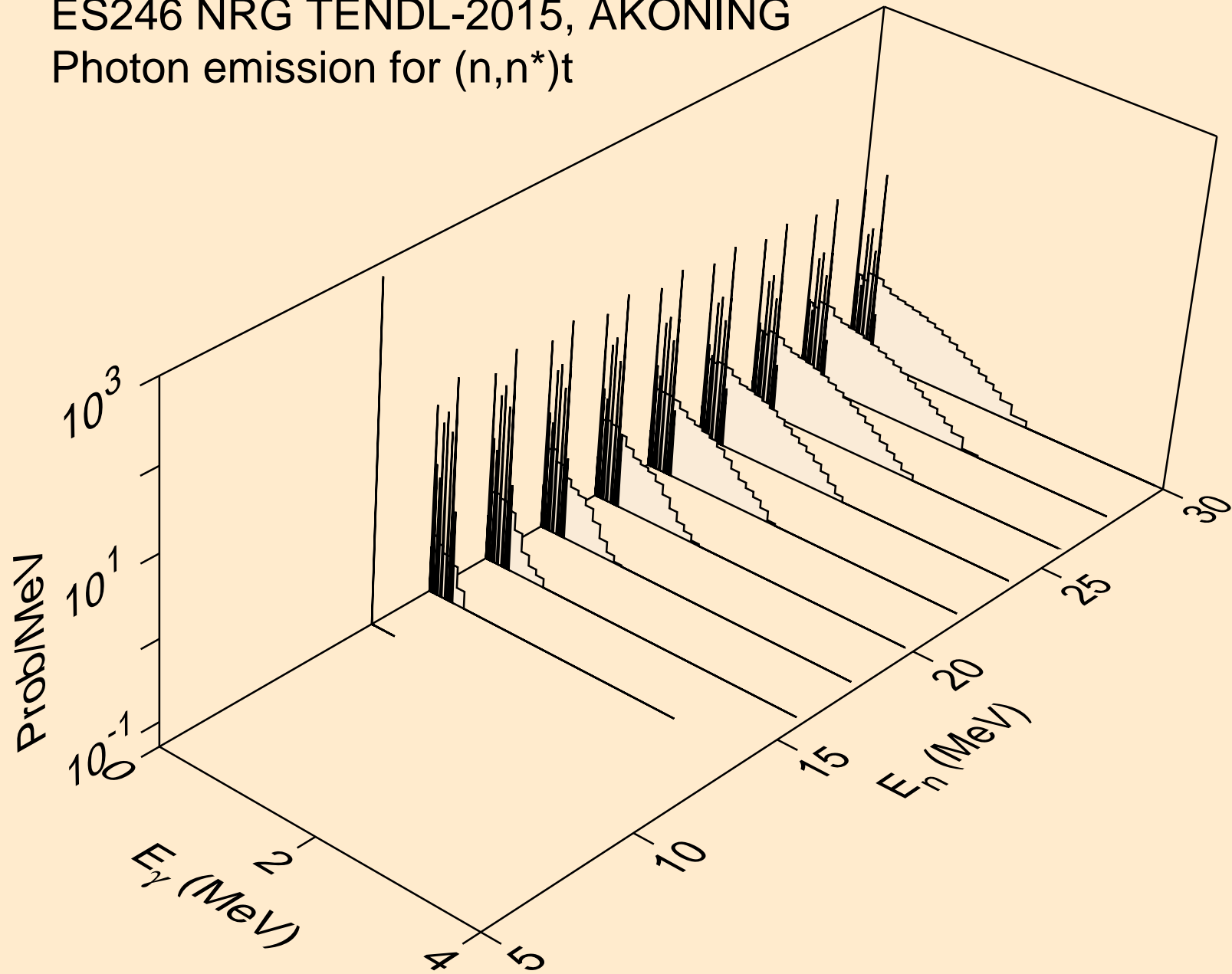
ES246 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



ES246 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

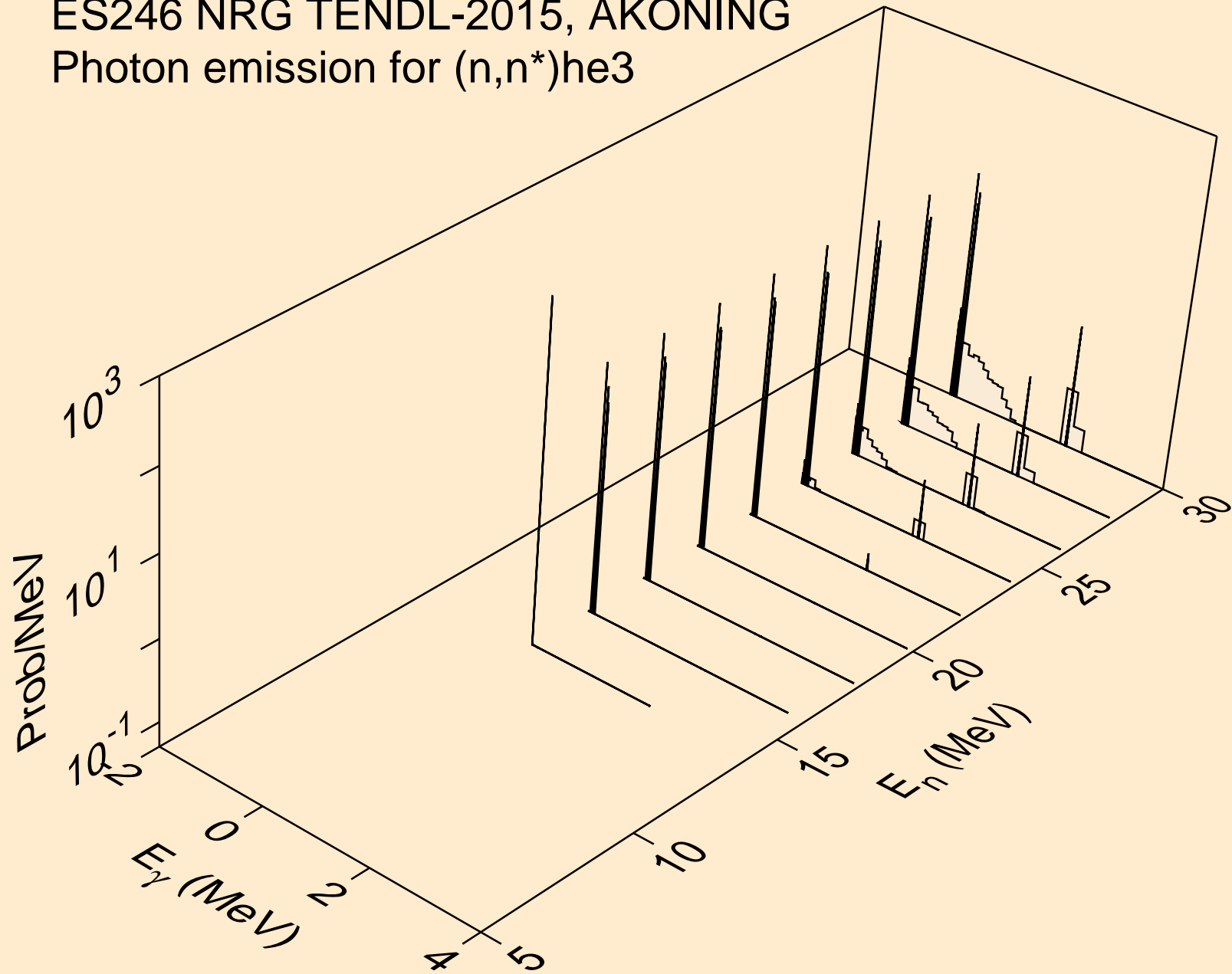


ES246 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

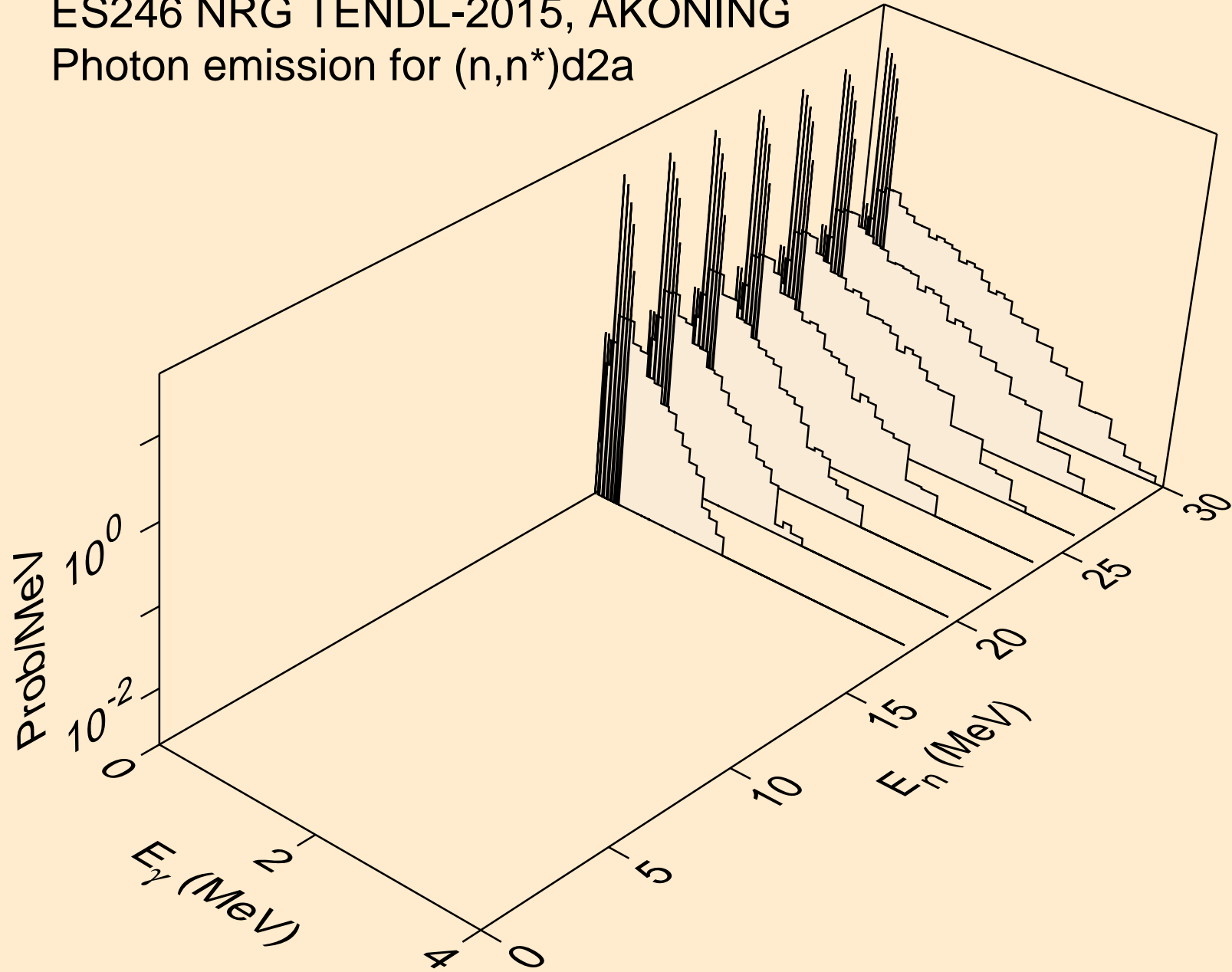




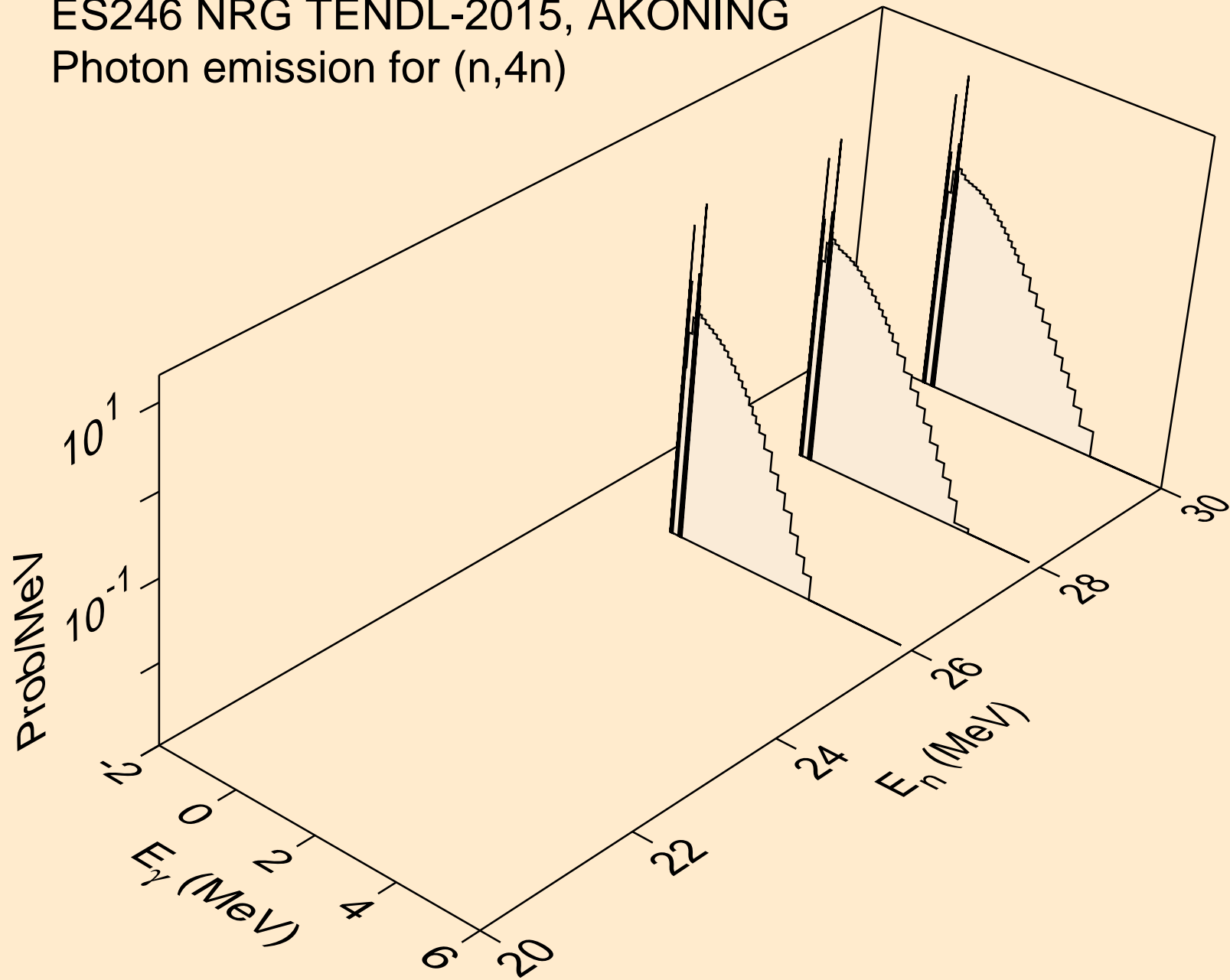
ES246 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



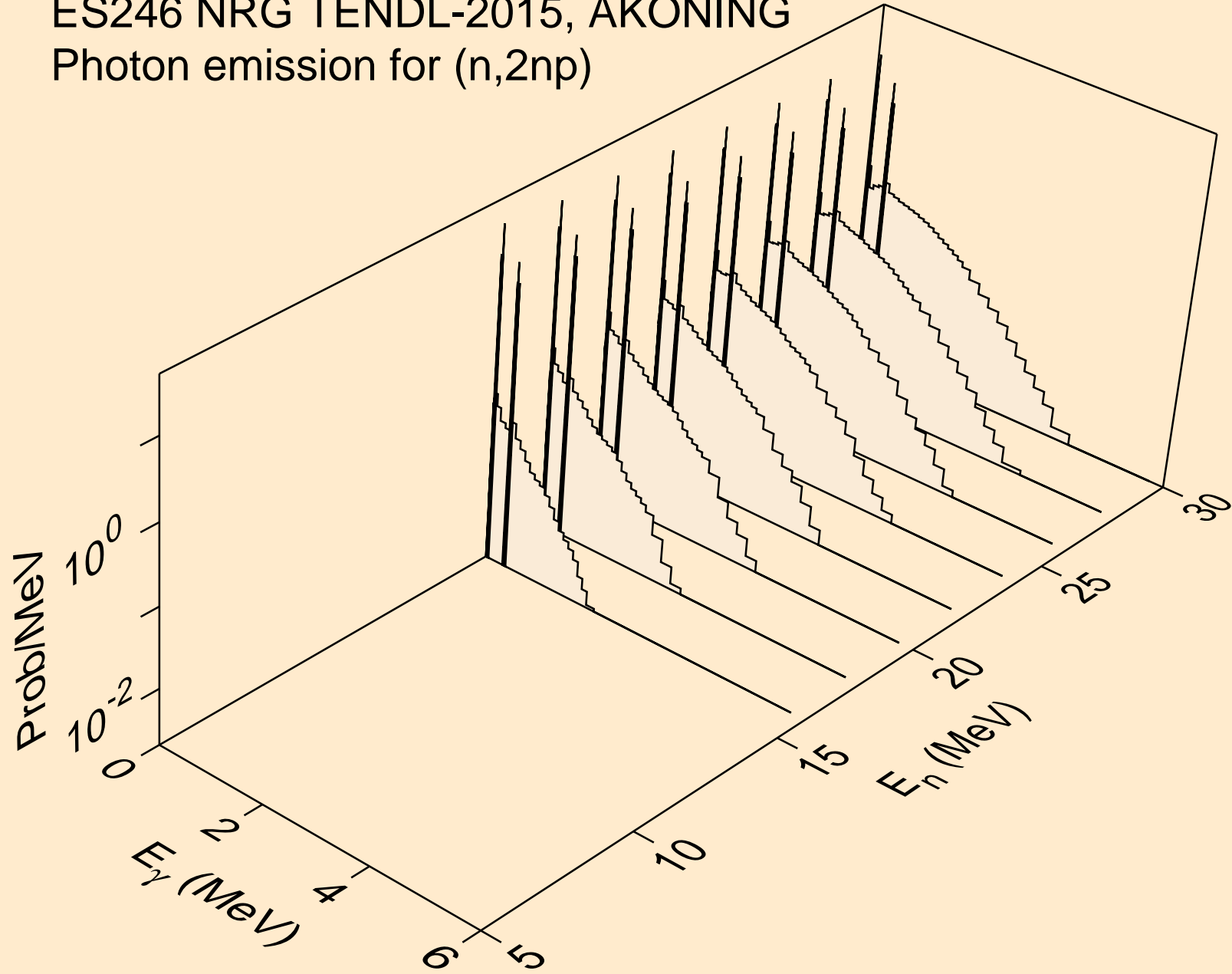
ES246 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d2a



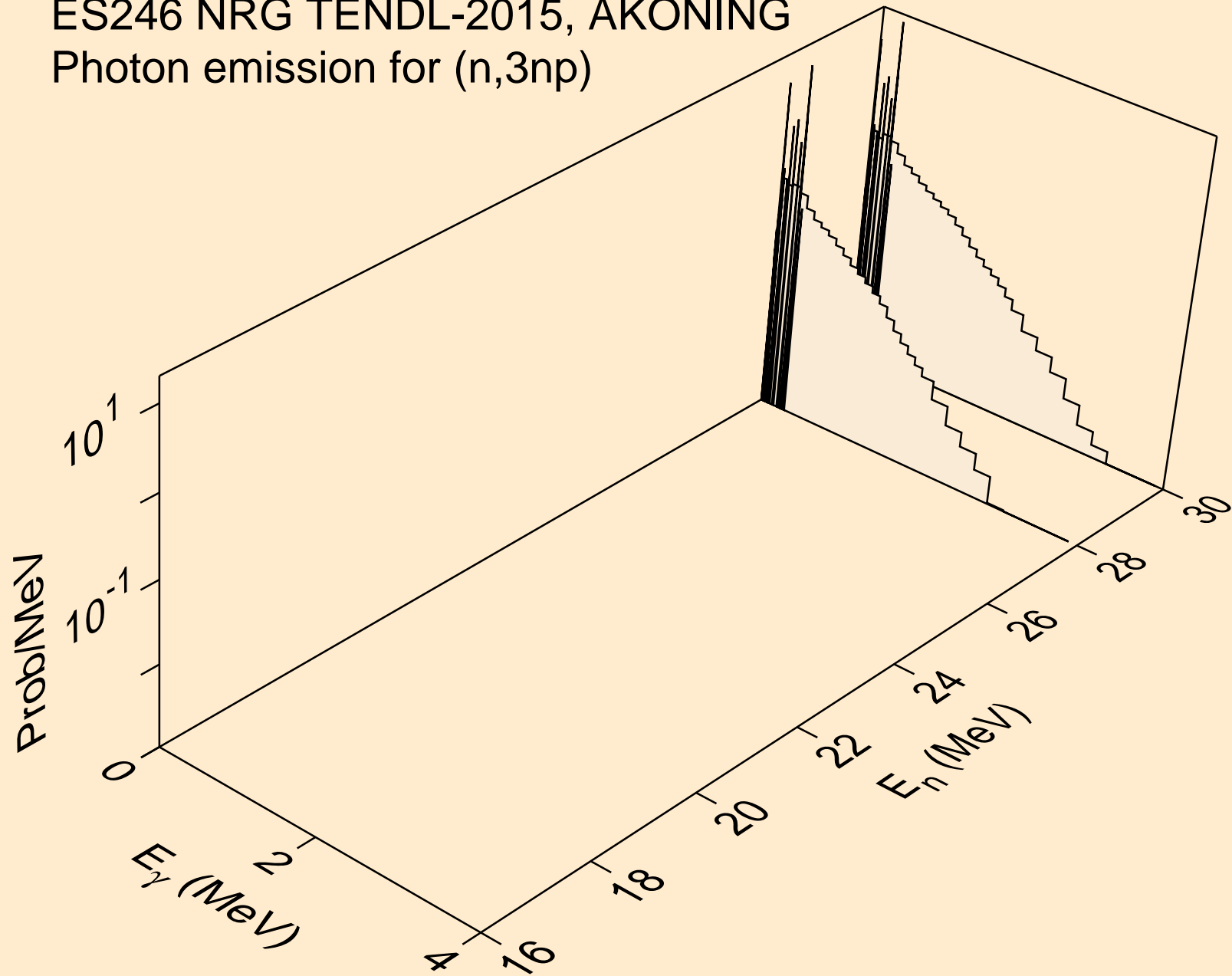
ES246 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



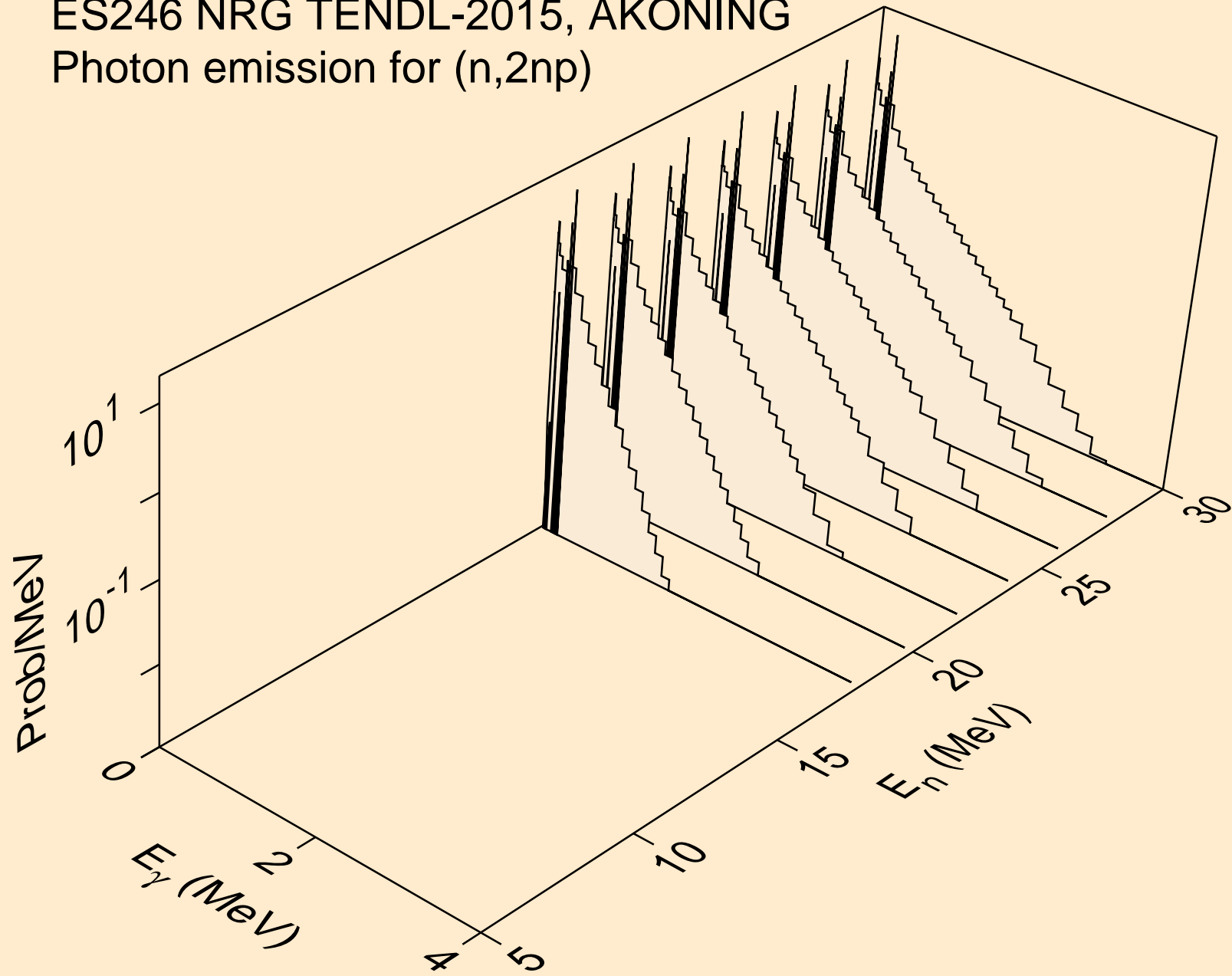
ES246 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



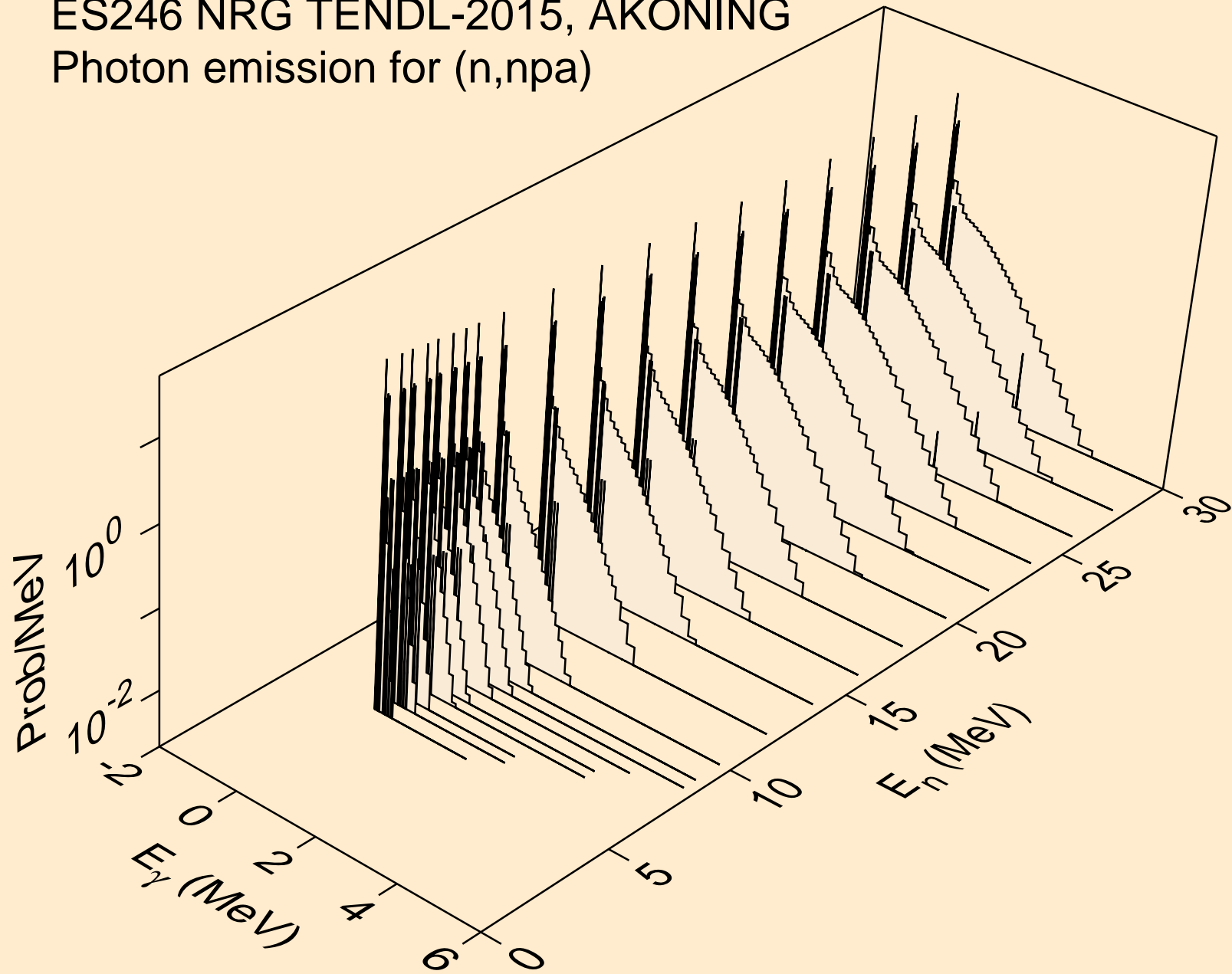
ES246 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



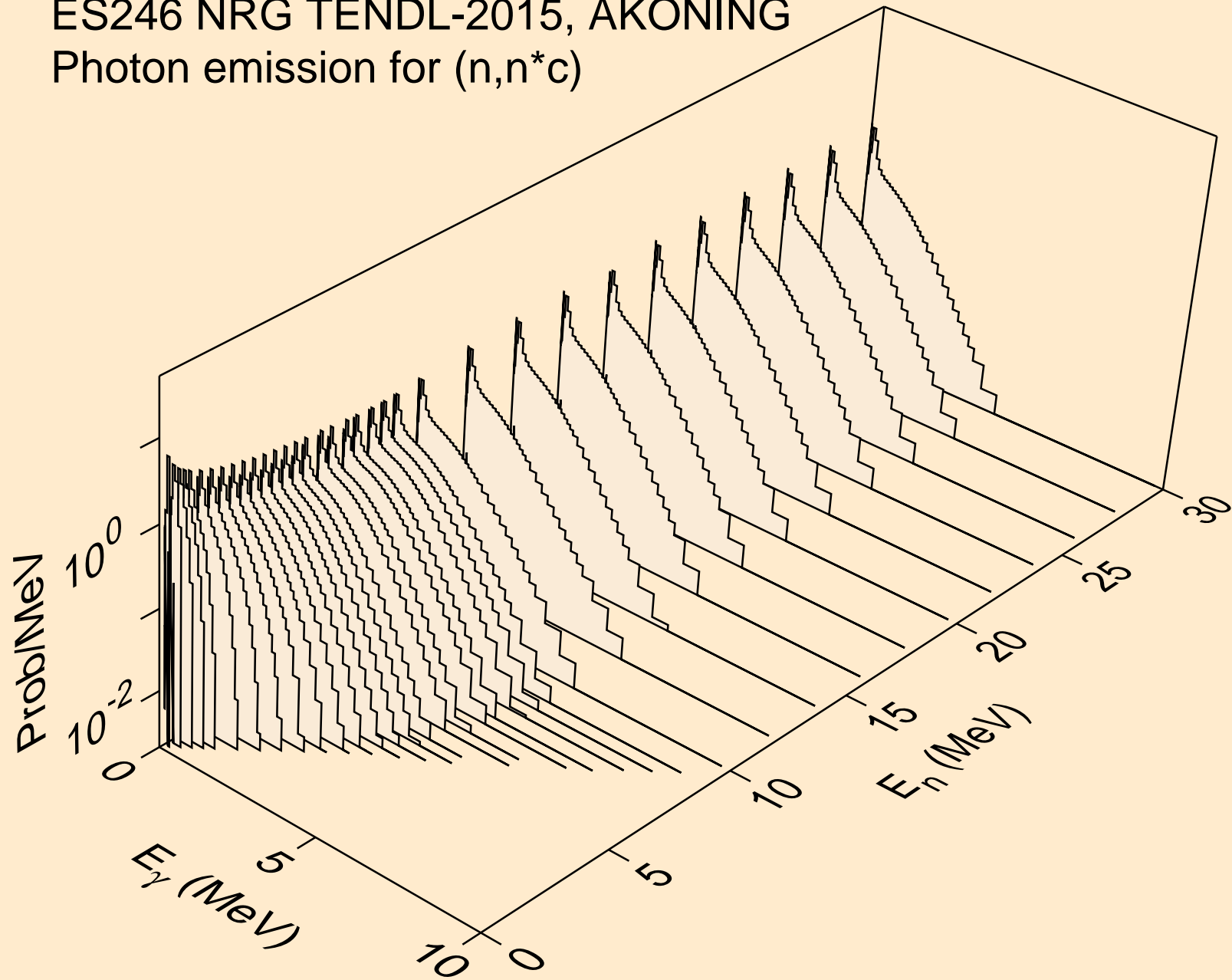
ES246 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



ES246 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

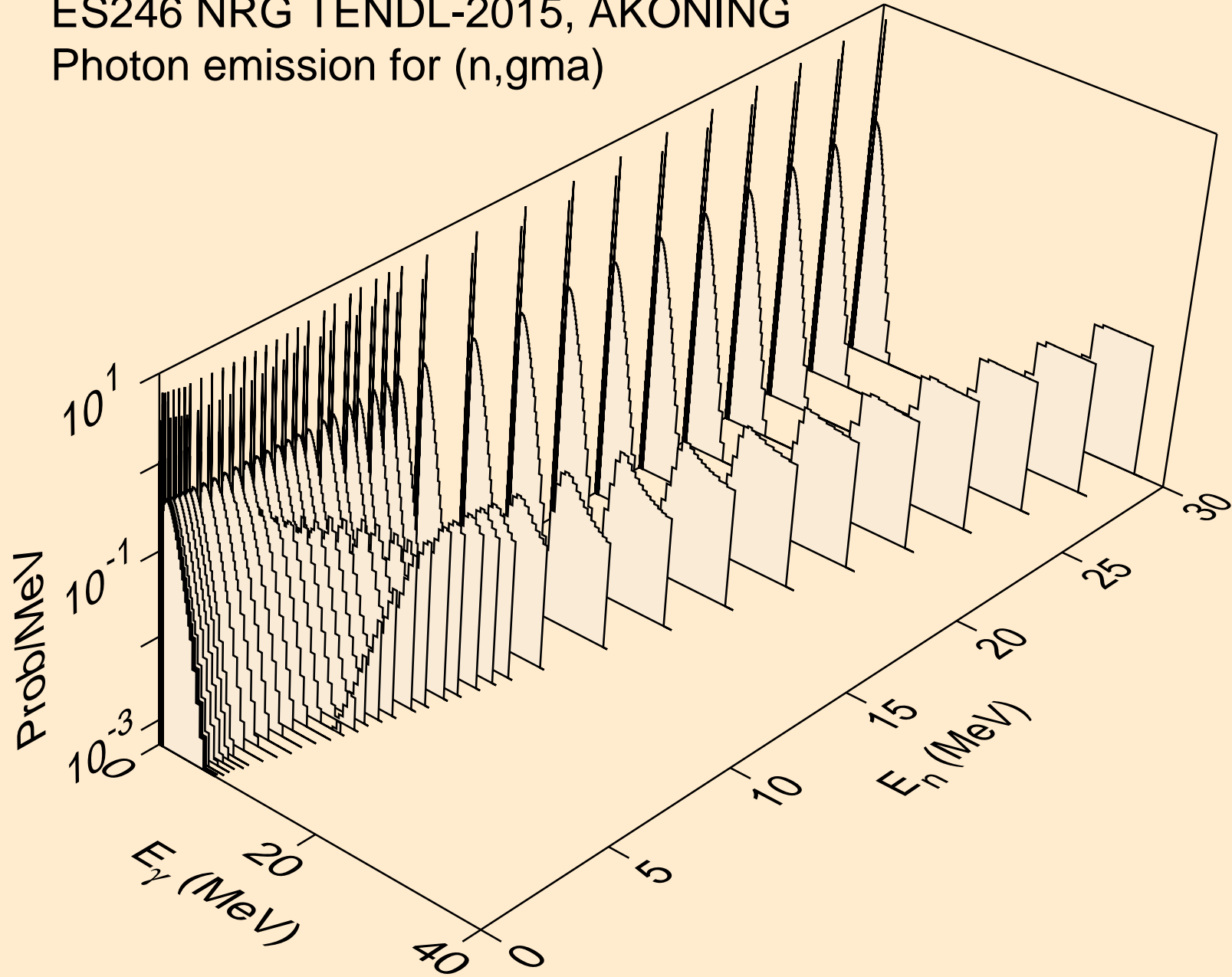


ES246 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

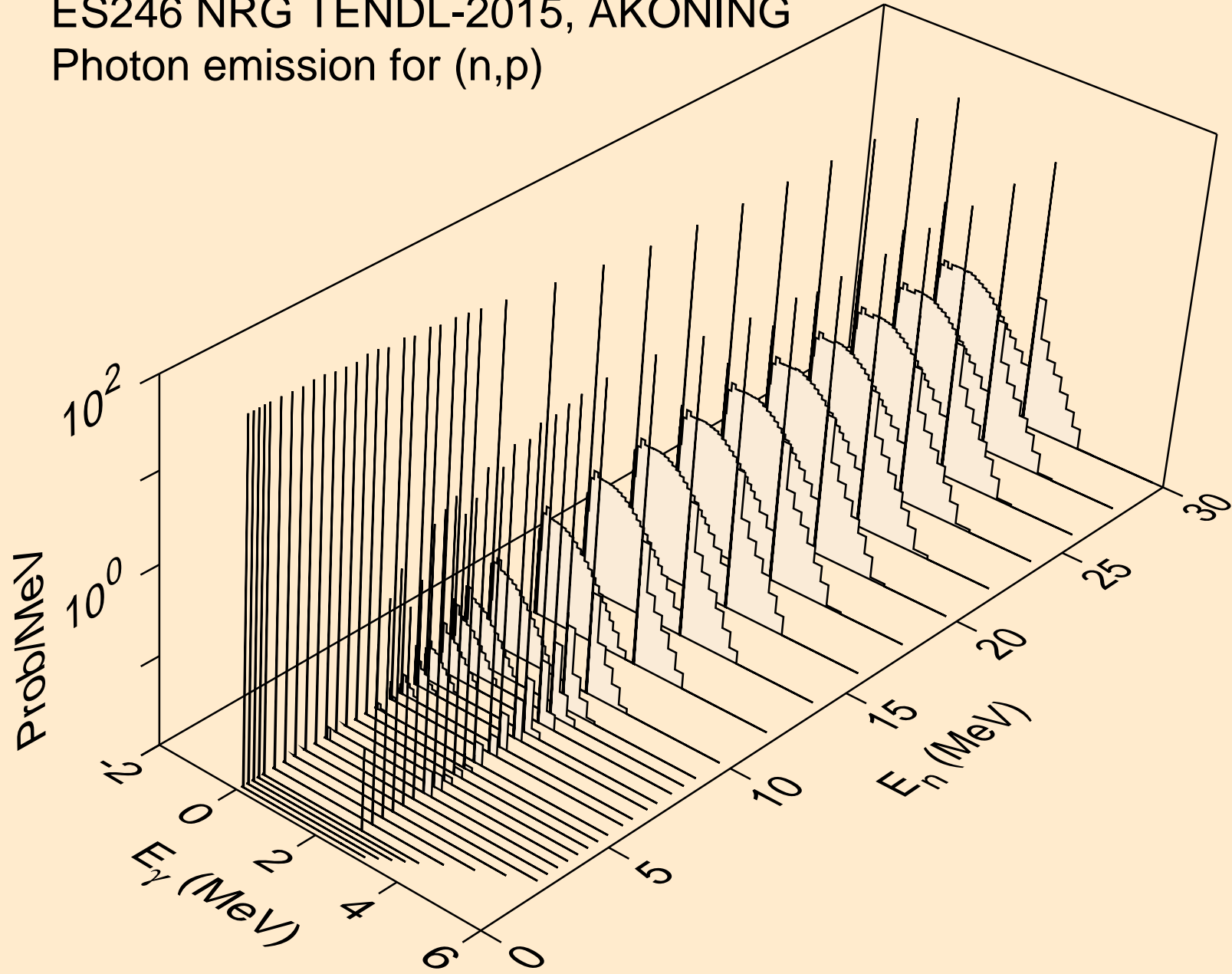




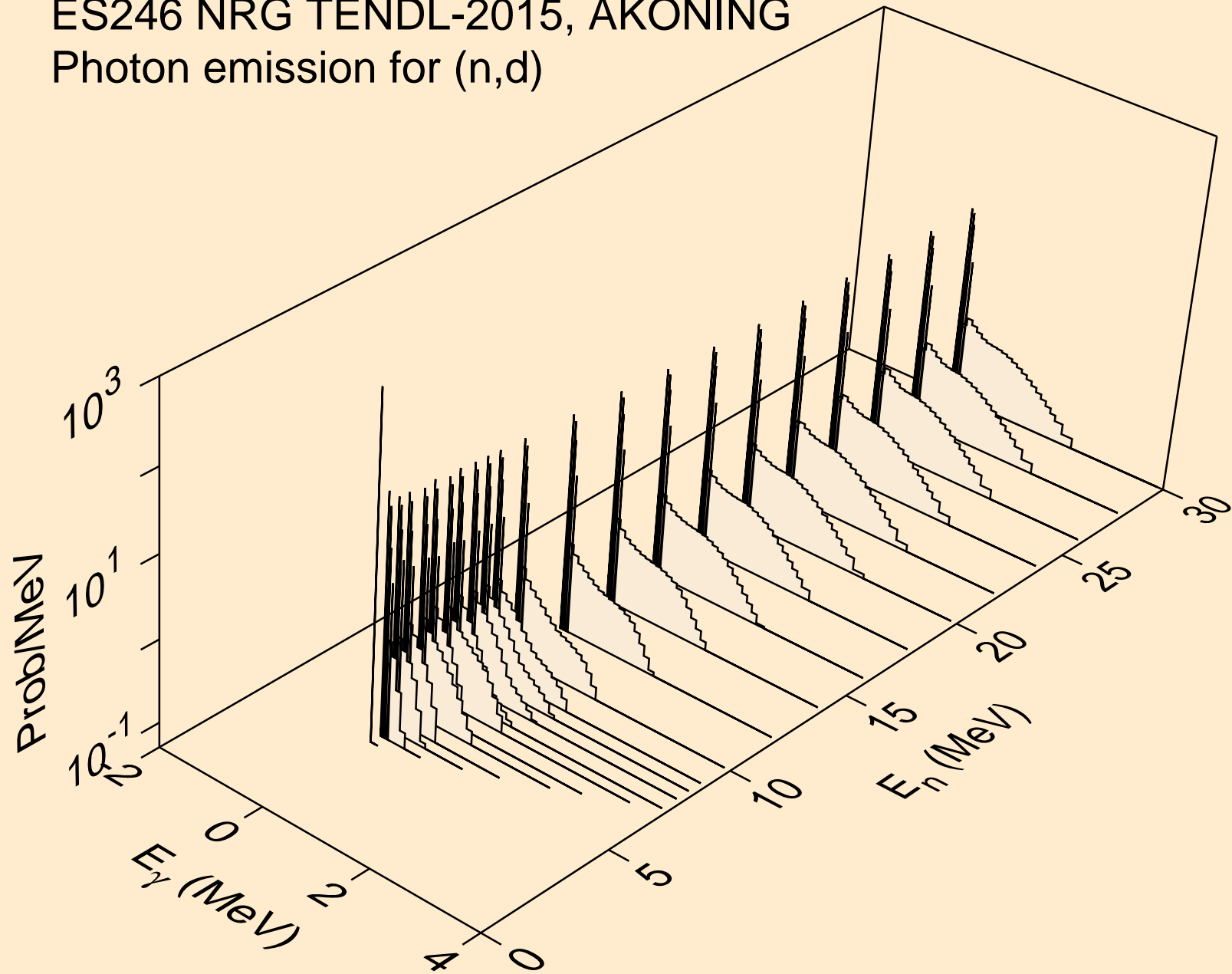
ES246 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



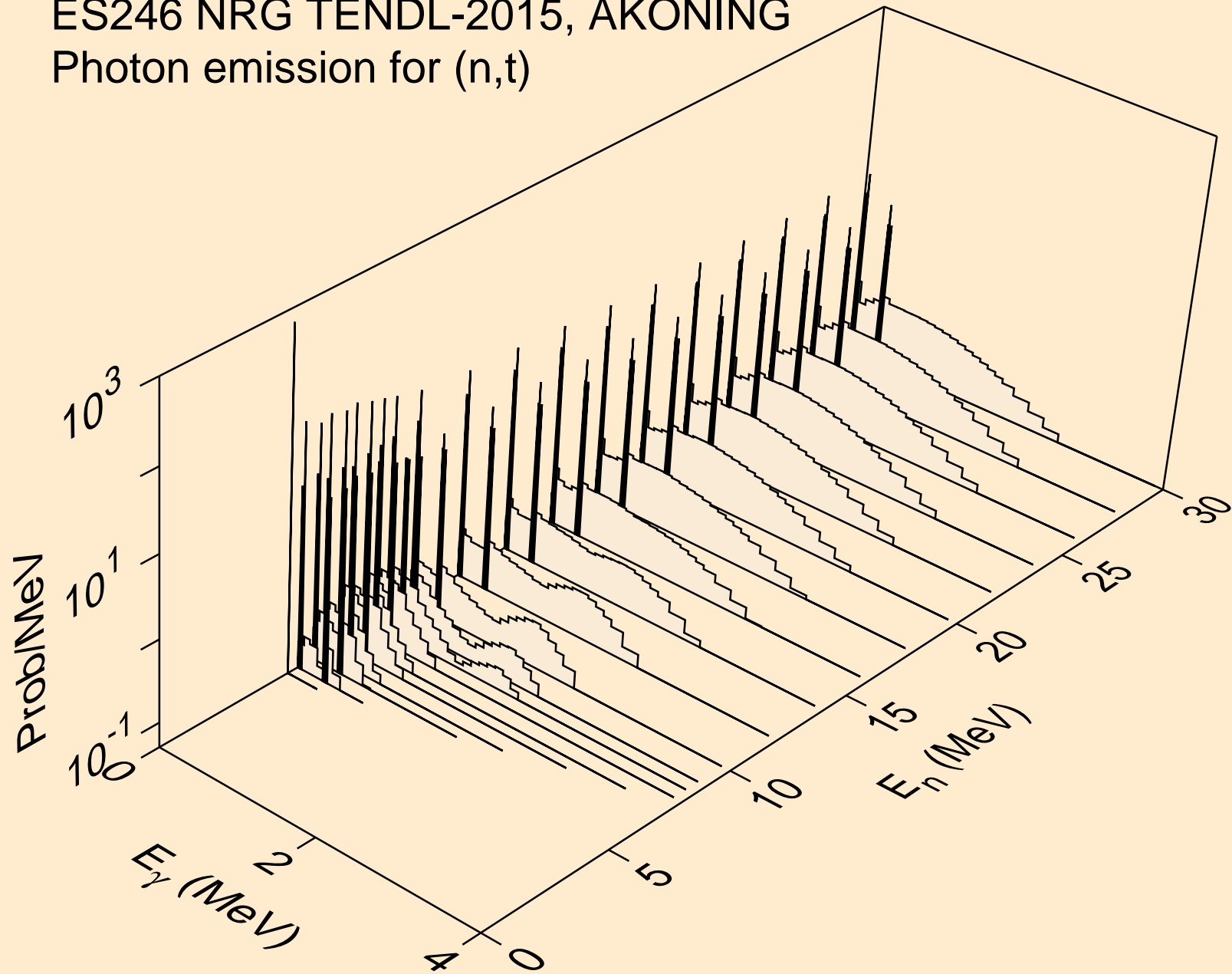
ES246 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



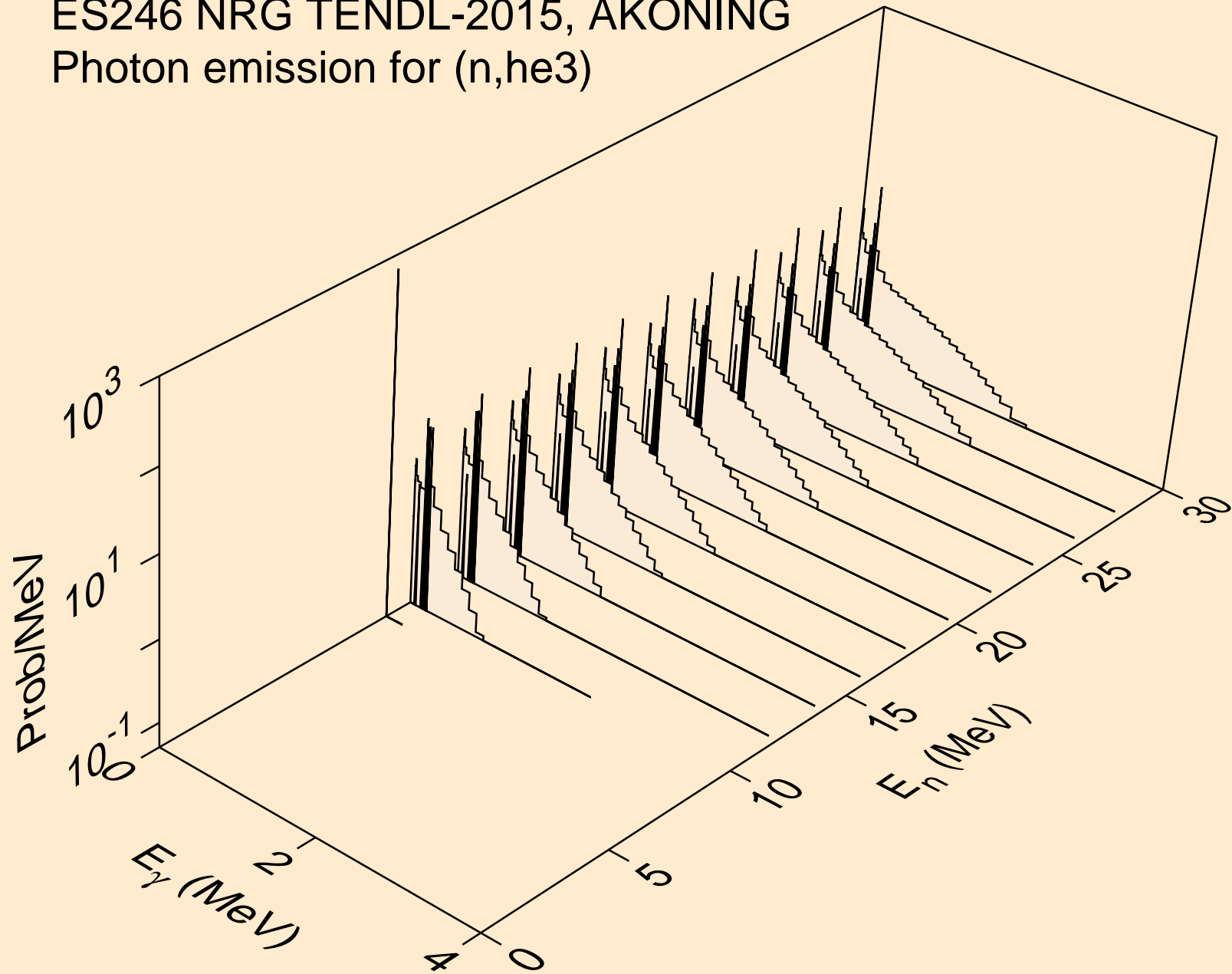
ES246 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



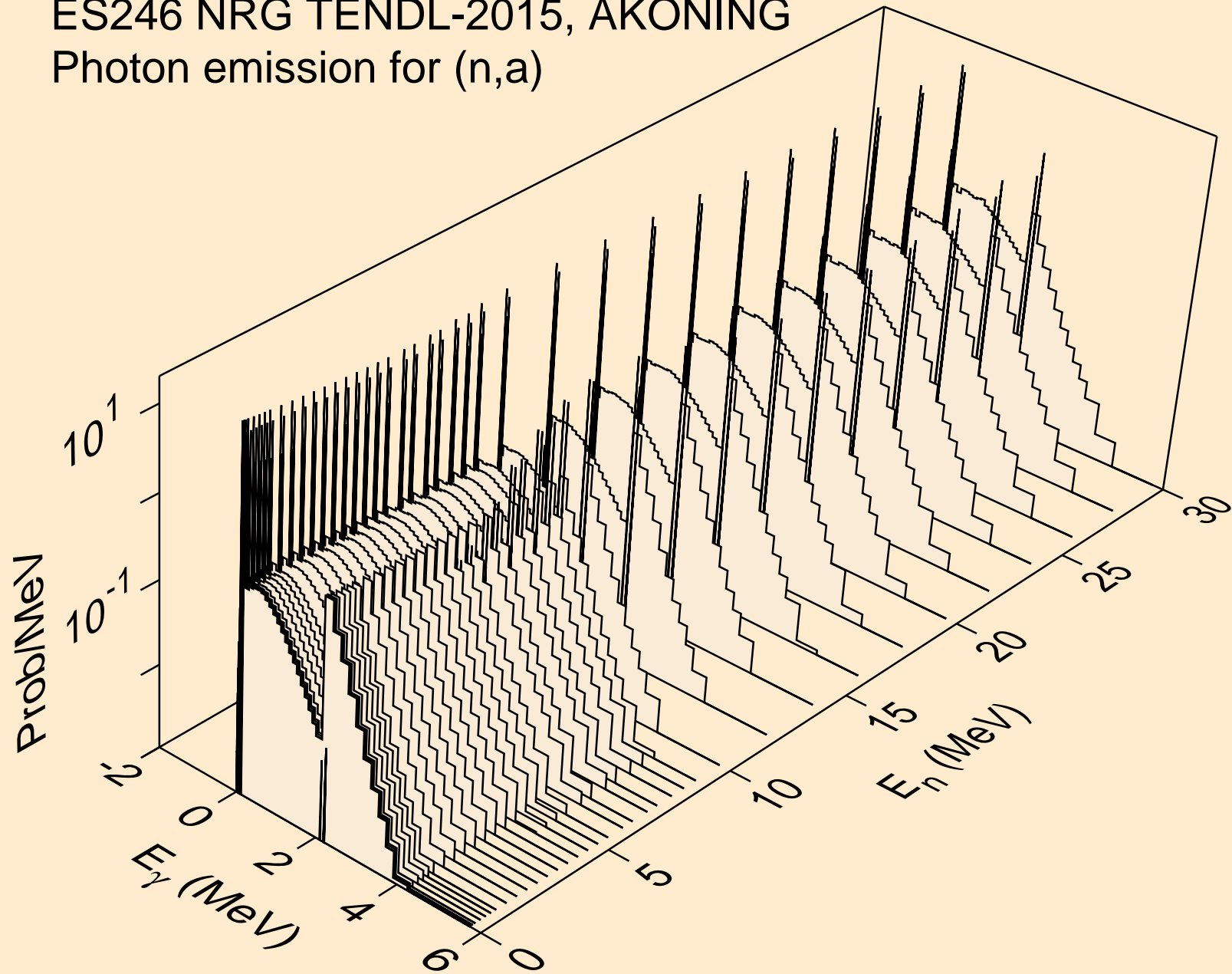
ES246 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



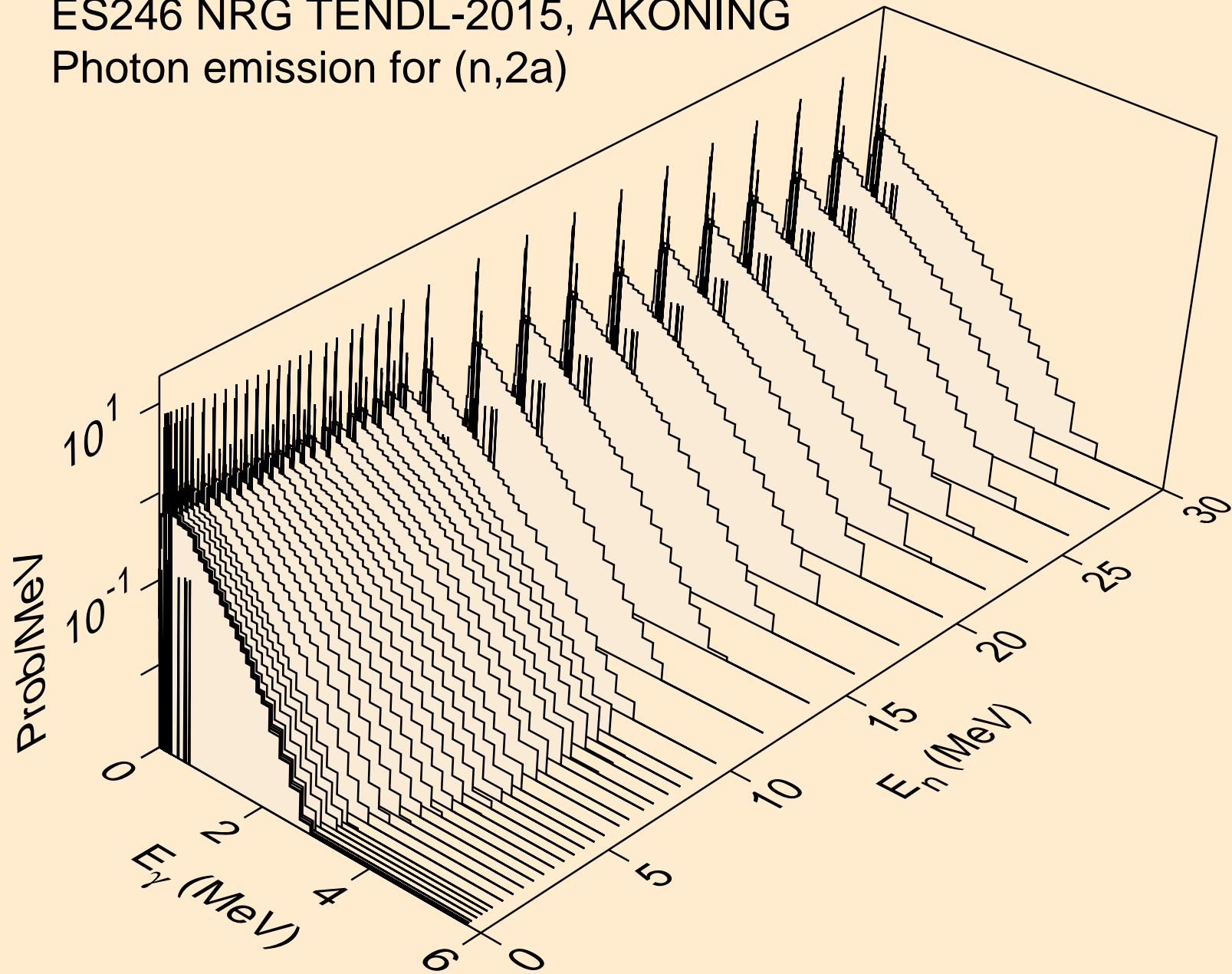
ES246 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



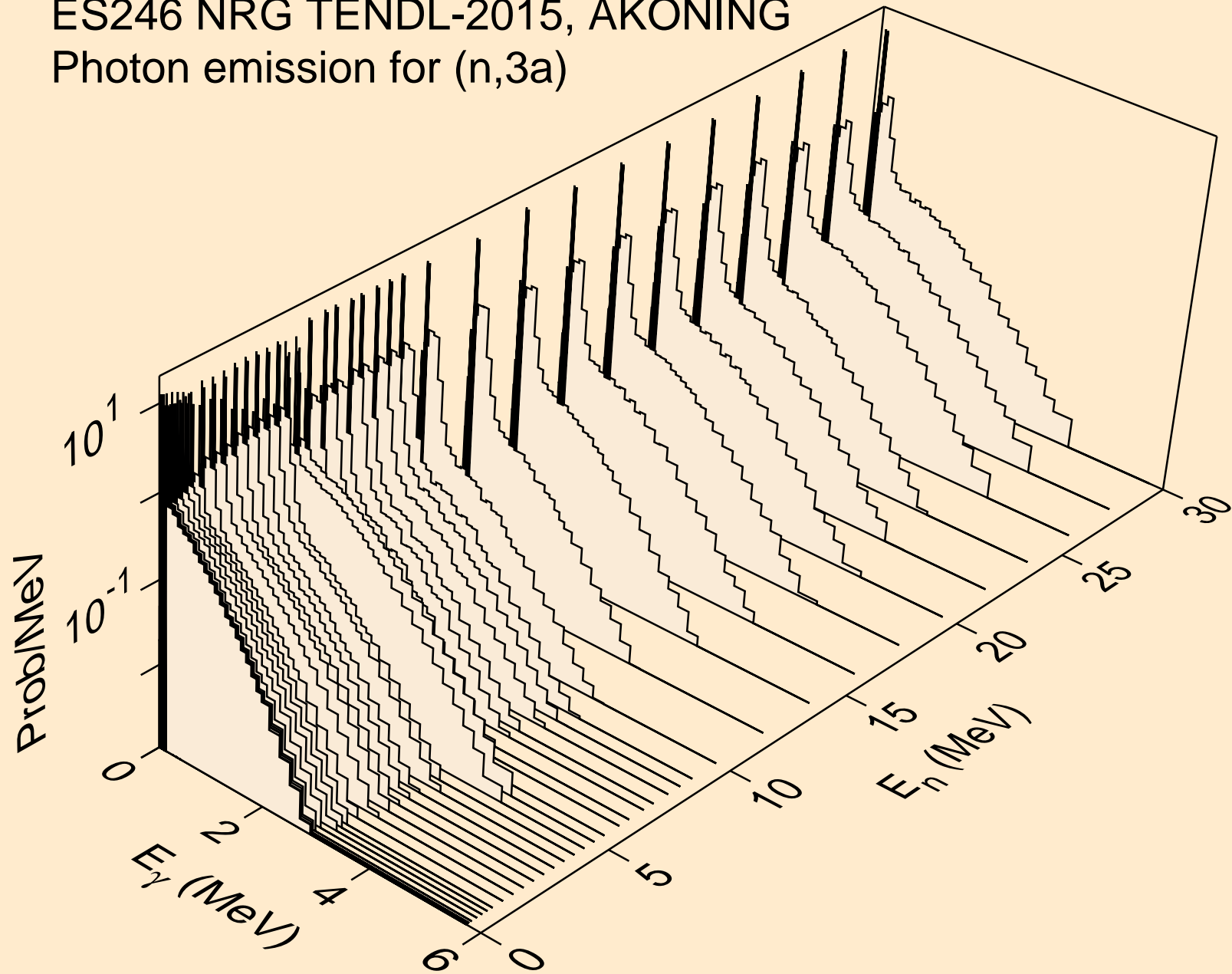
ES246 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



ES246 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

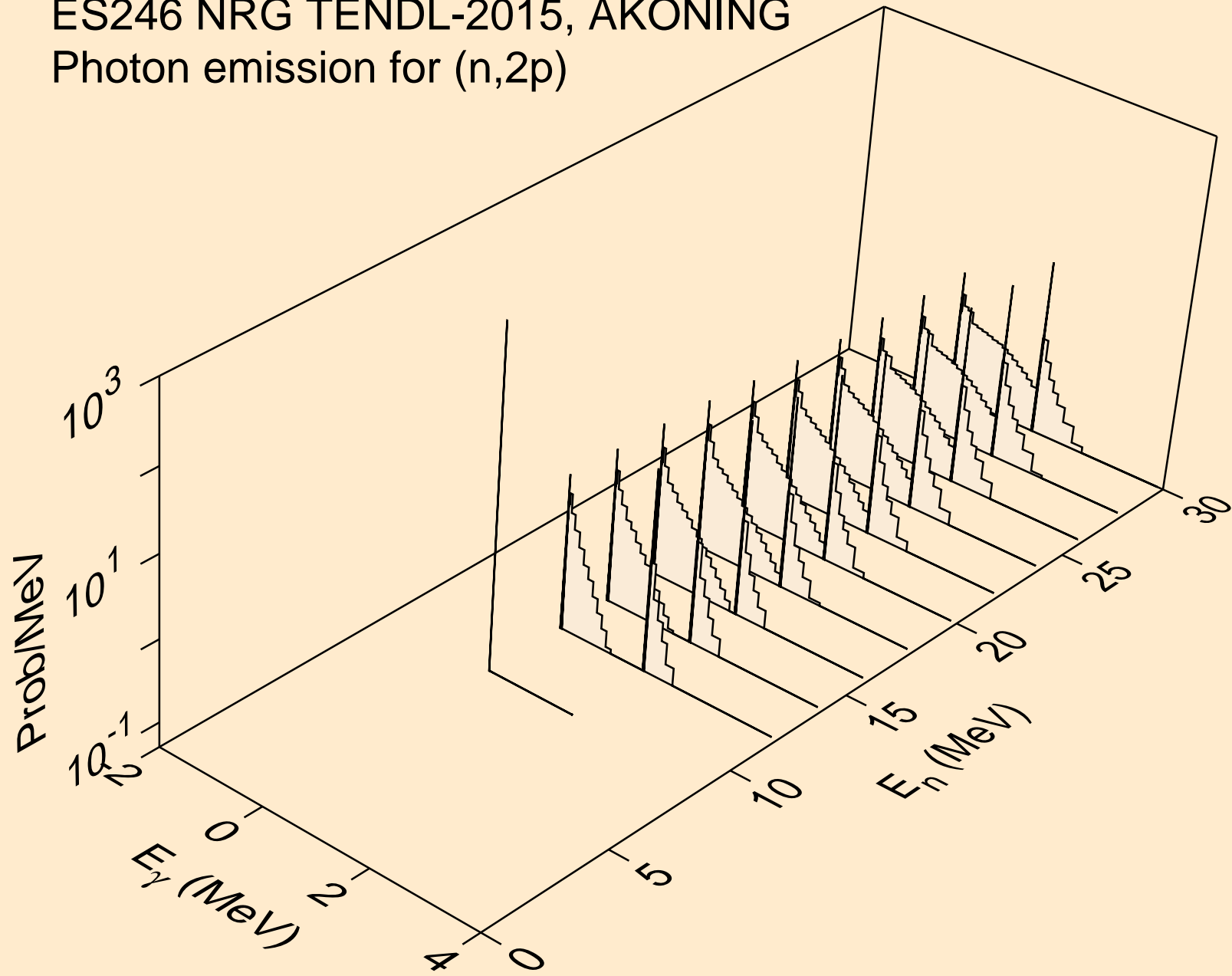


ES246 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)

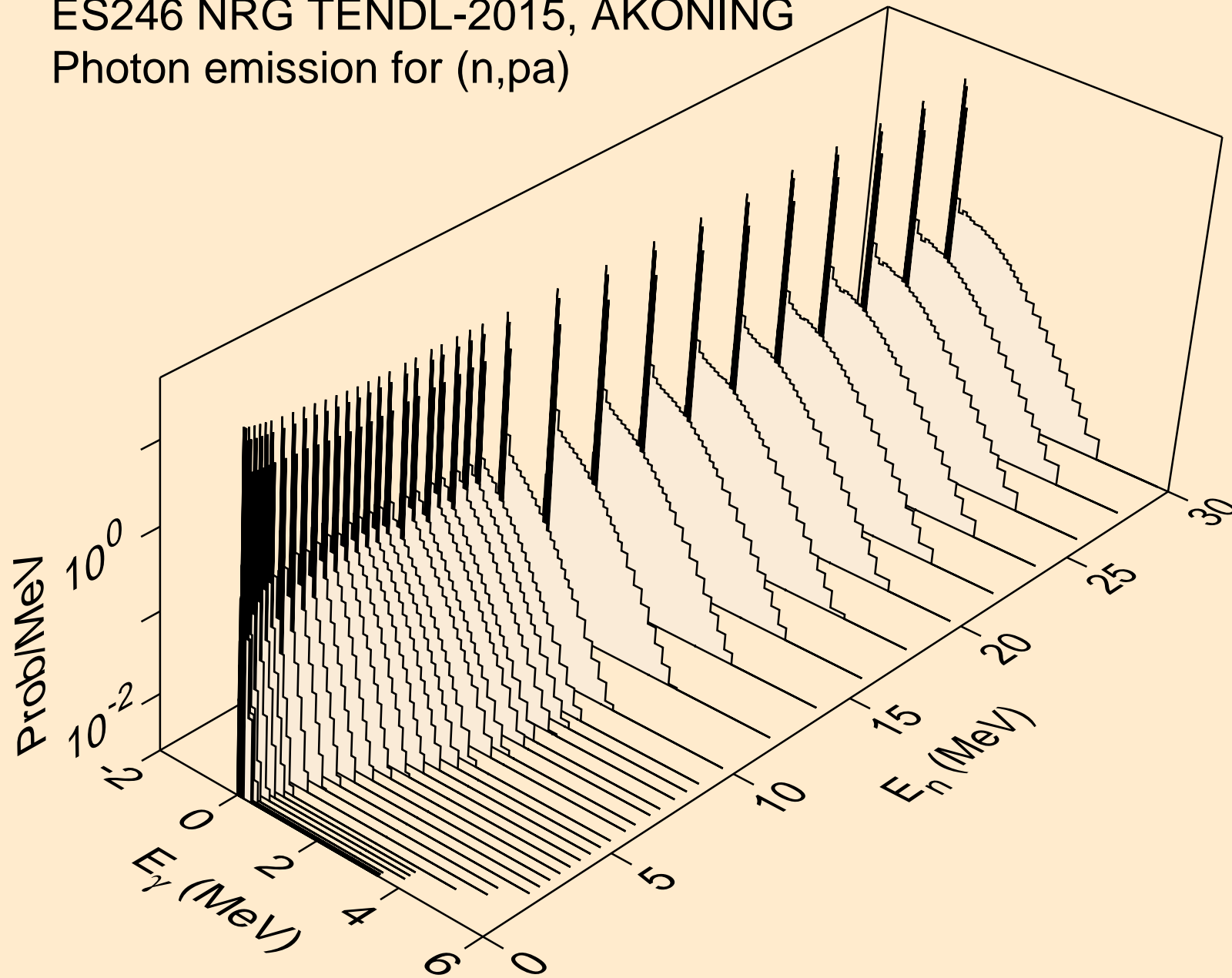




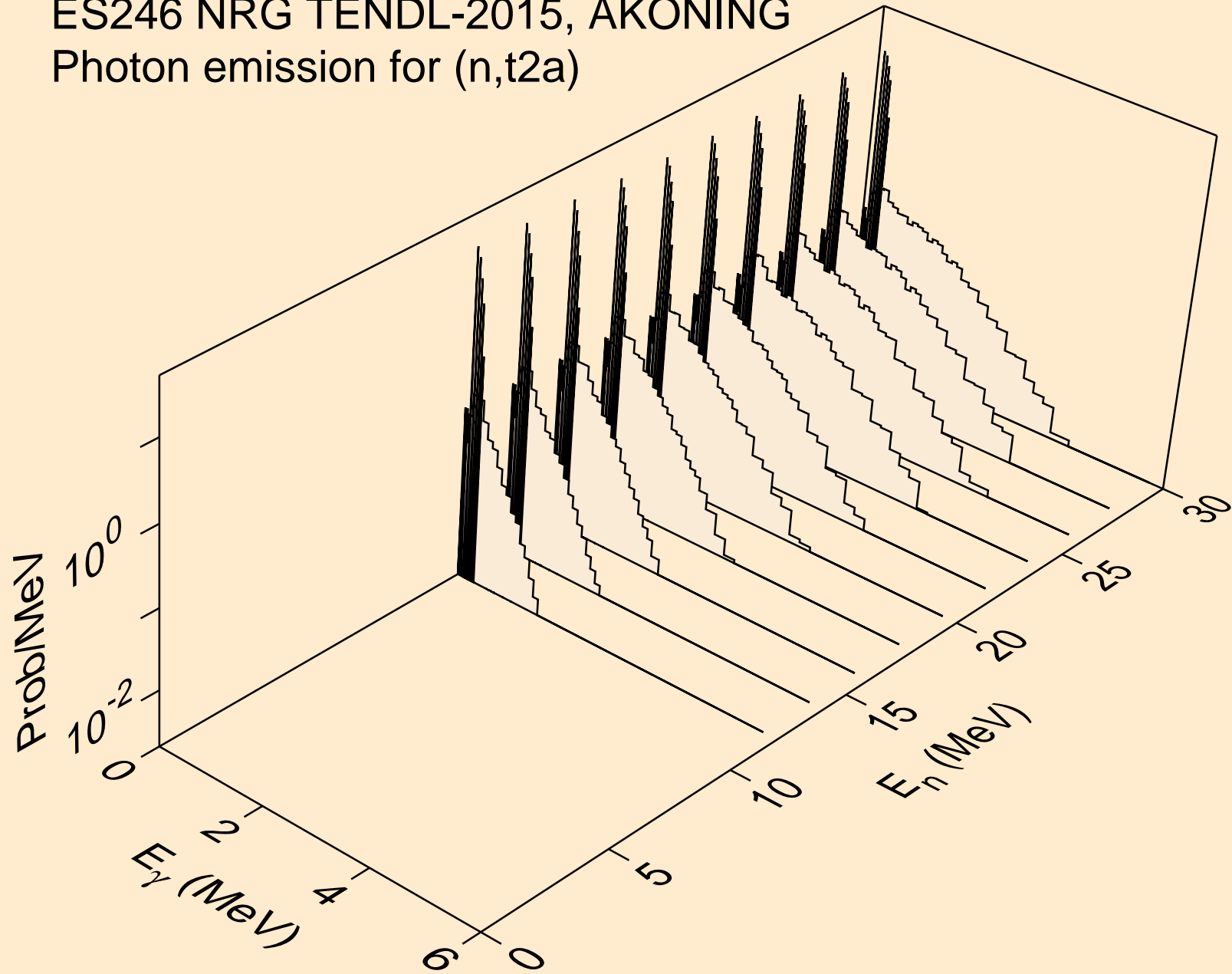
ES246 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



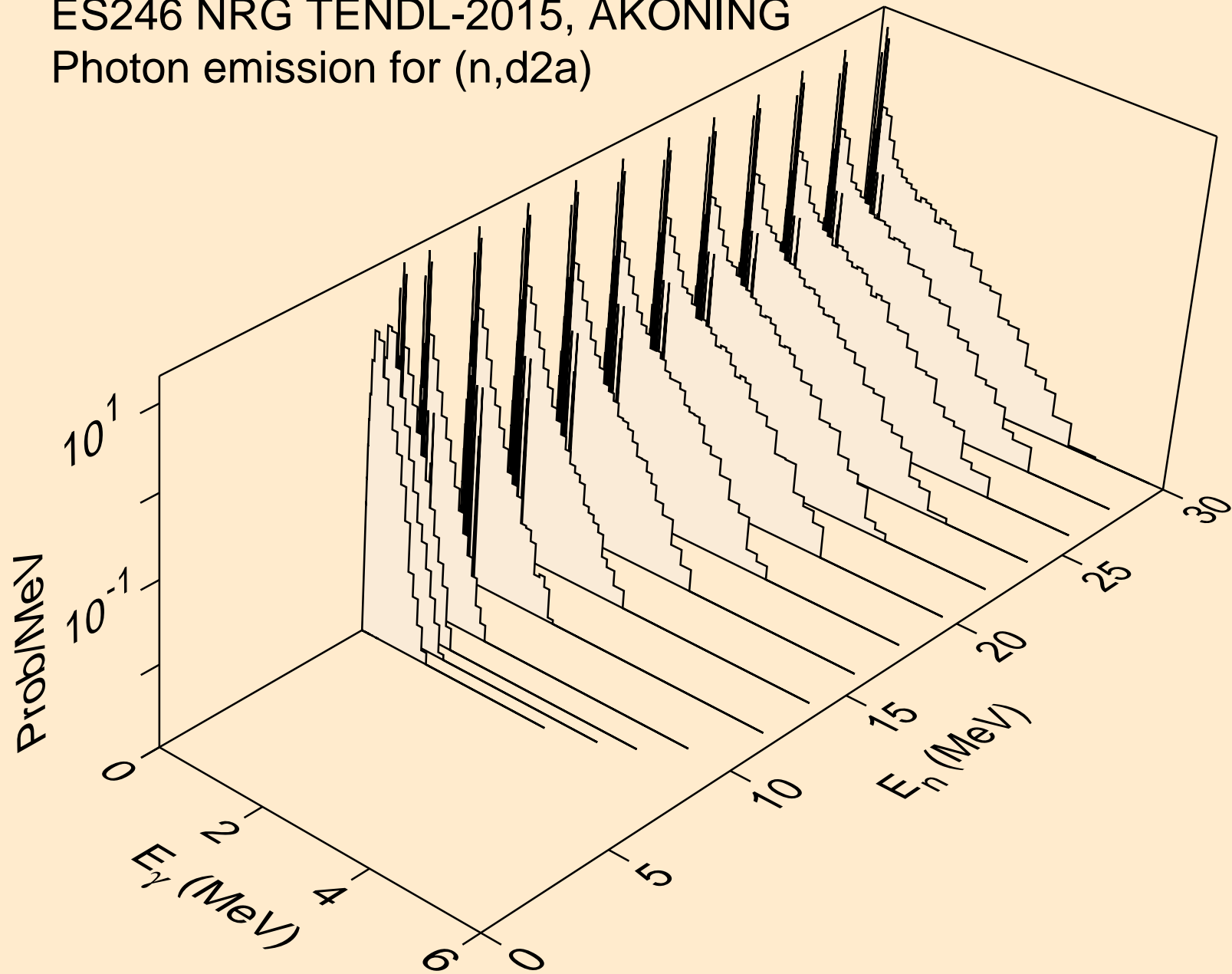
ES246 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



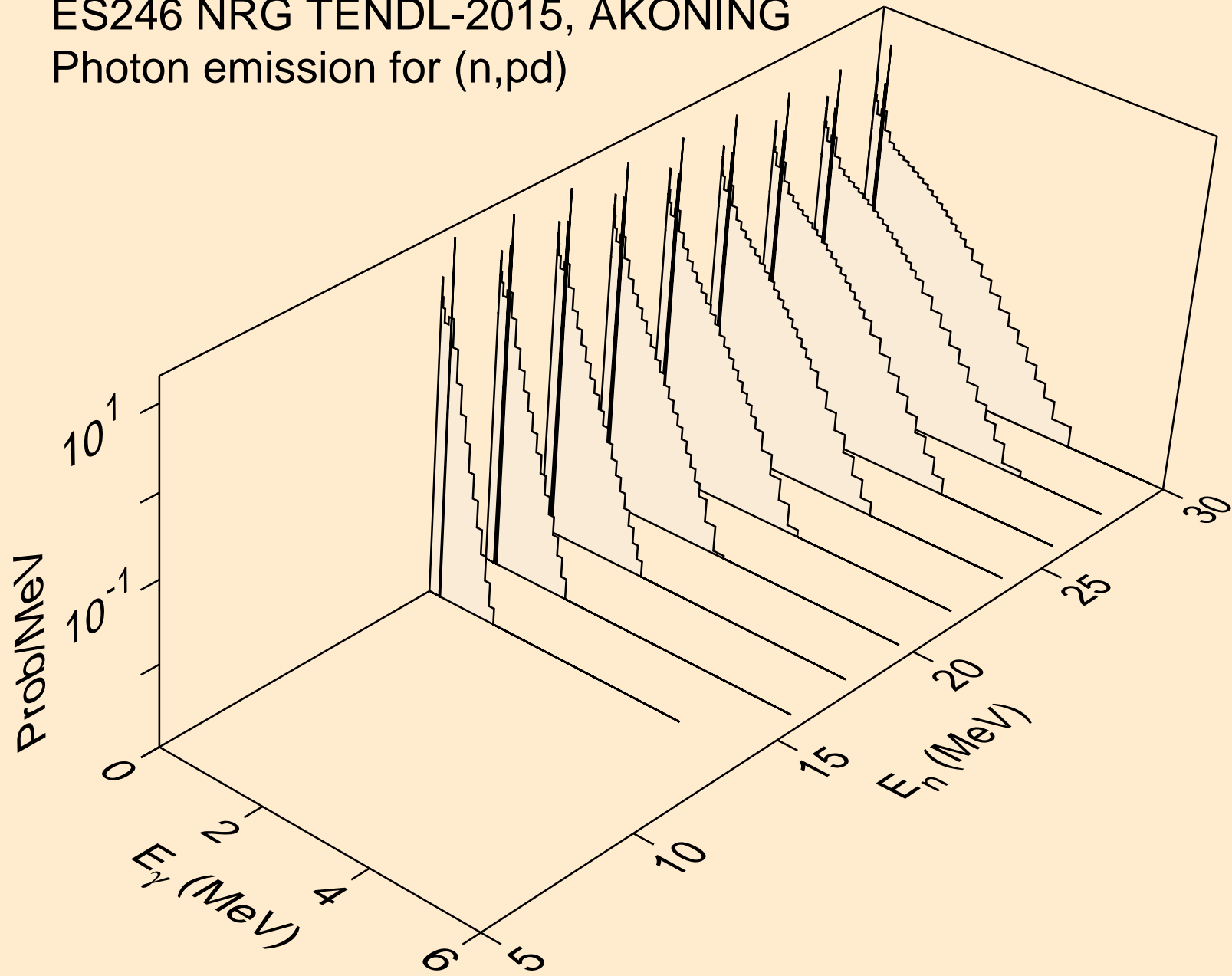
ES246 NRG TENDL-2015, AKONING  
Photon emission for (n,t2a)



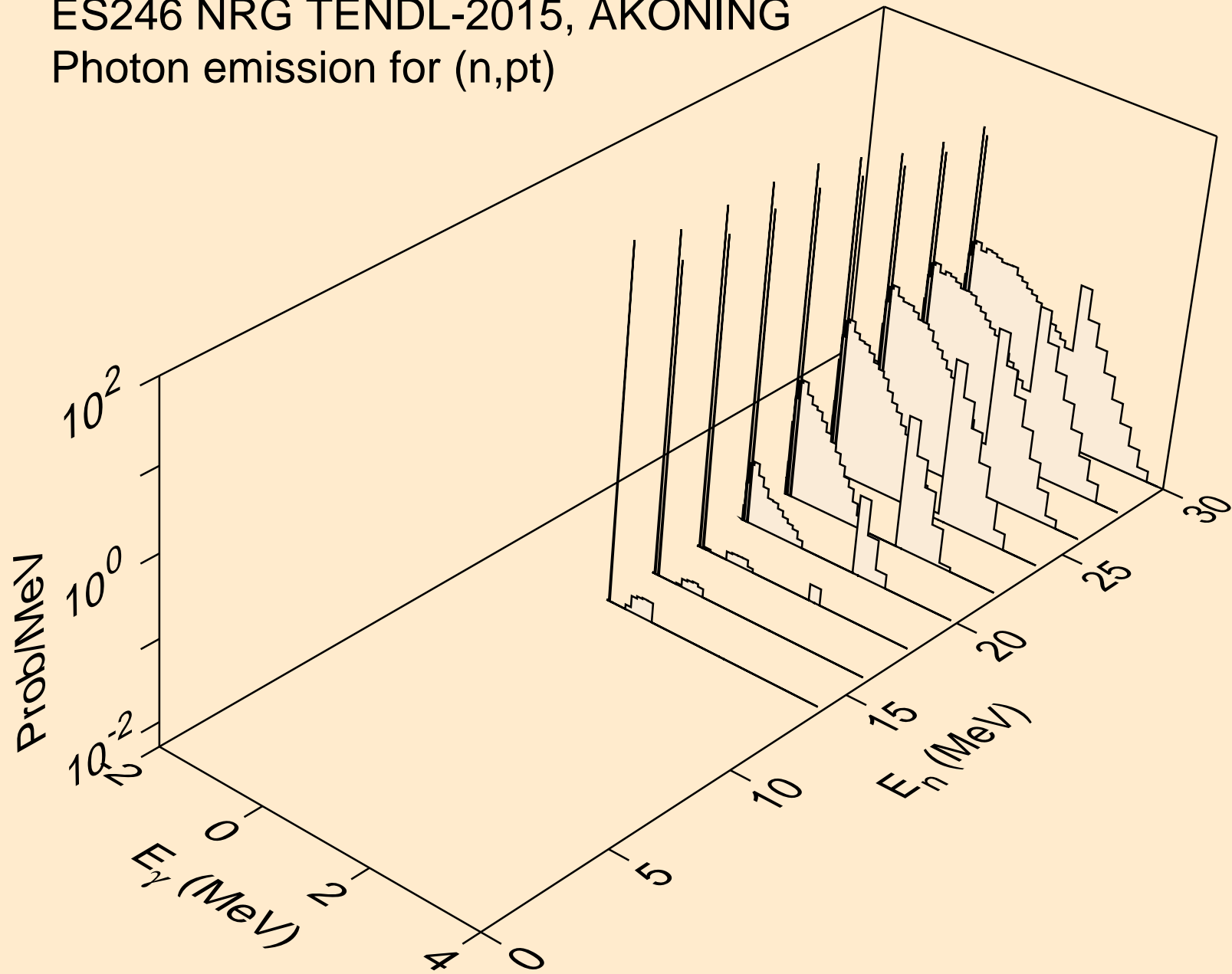
ES246 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)



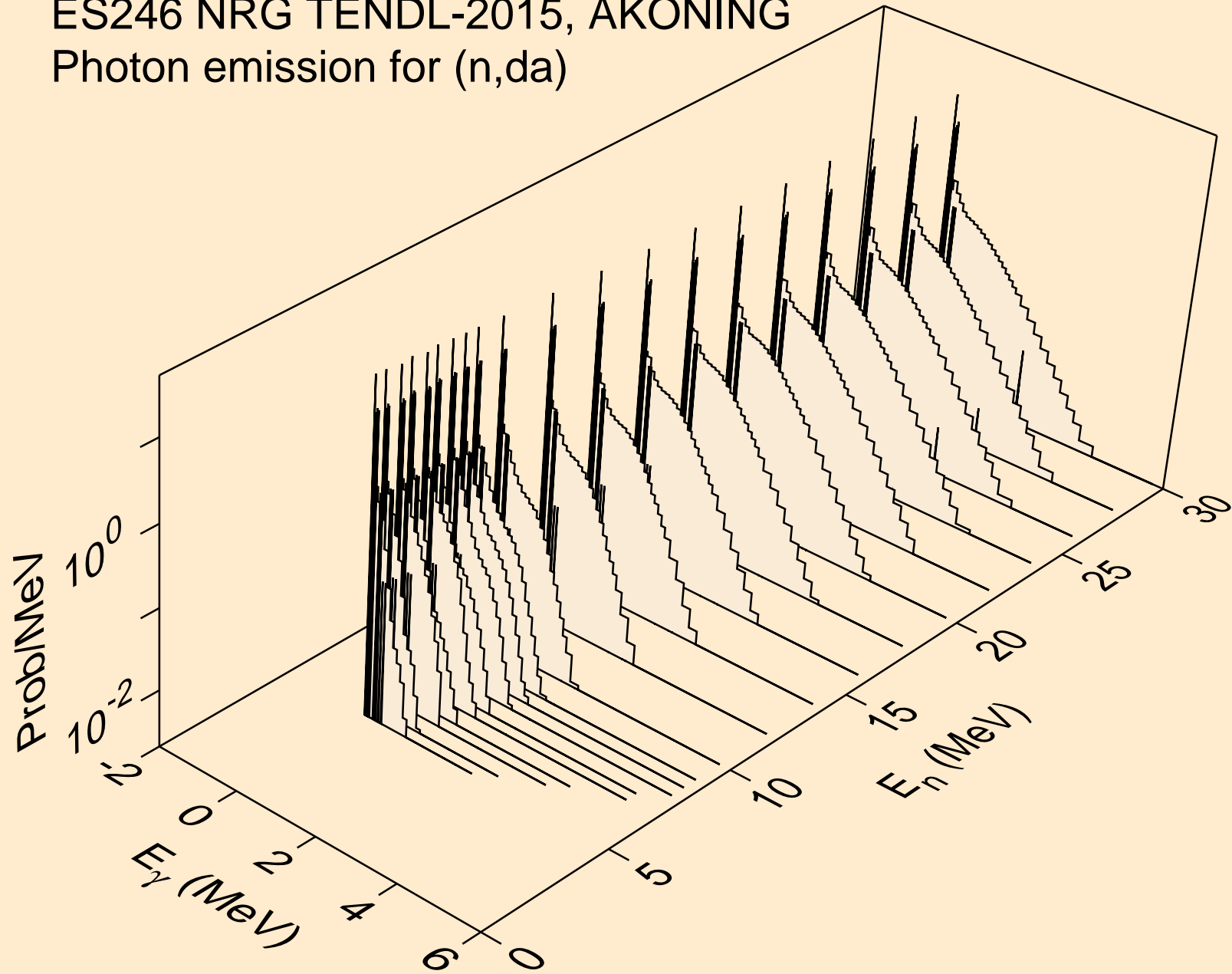
ES246 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



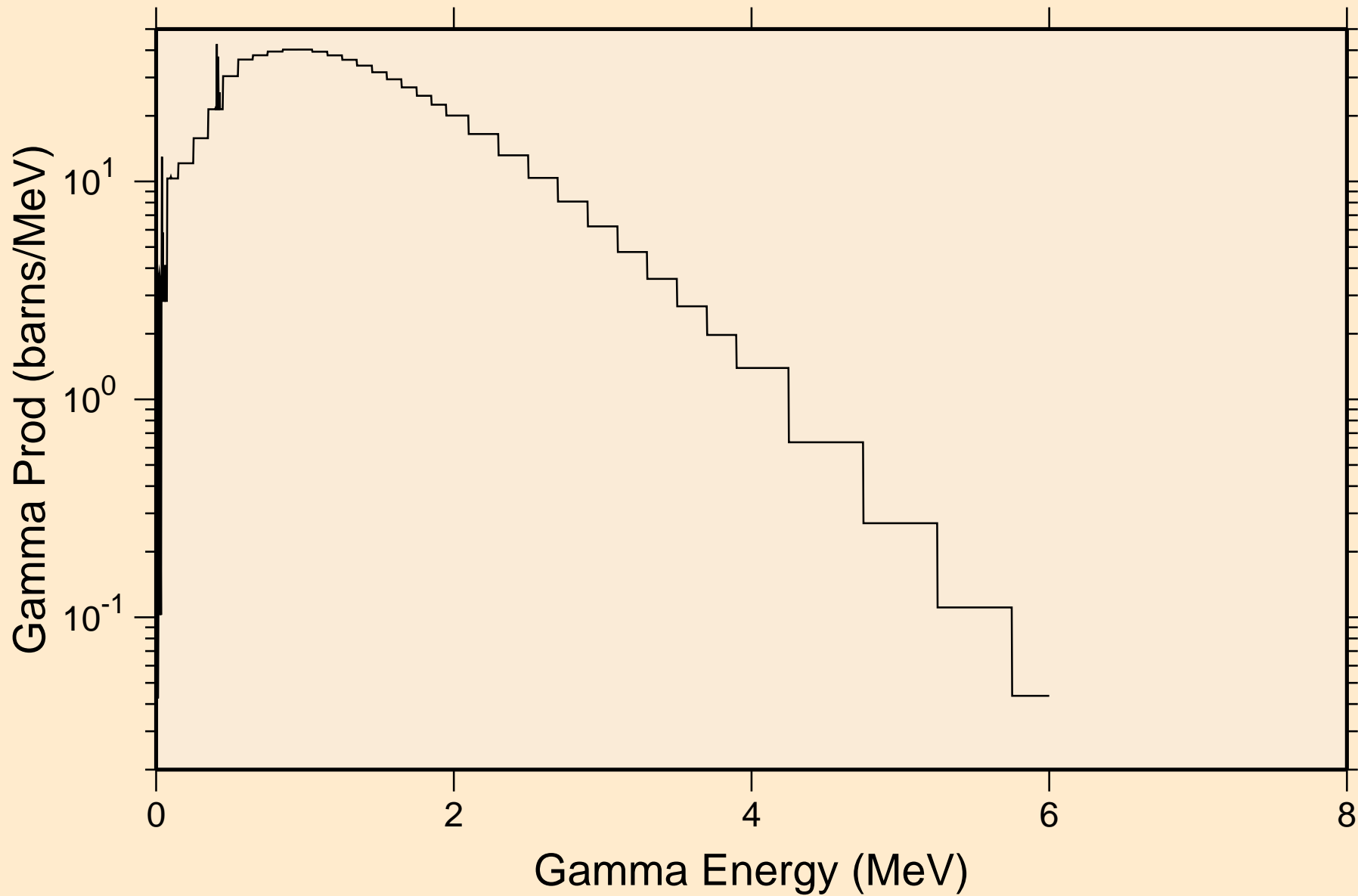
ES246 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



ES246 NRG TENDL-2015, AKONING  
Photon emission for (n,da)

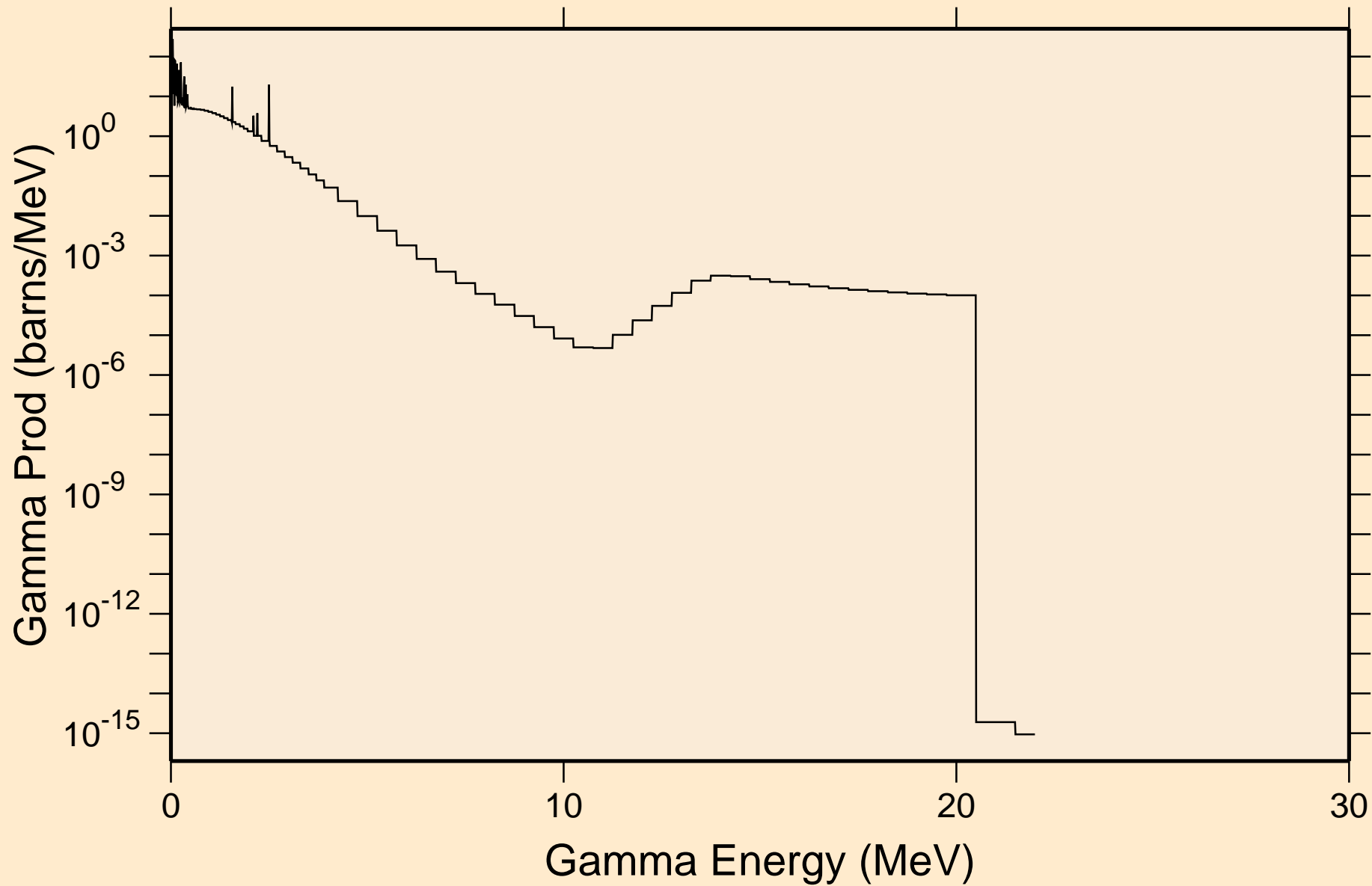


ES246 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



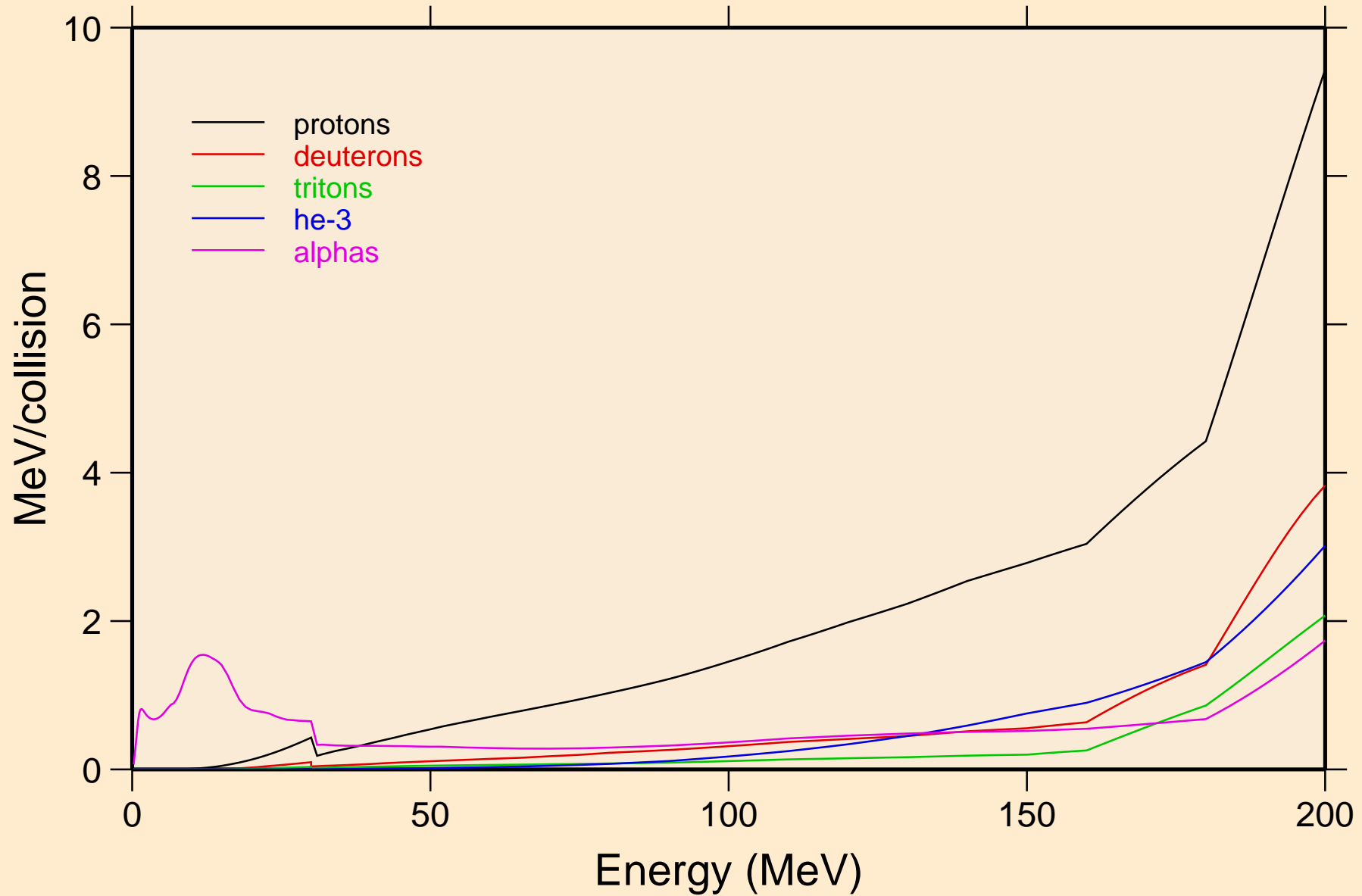


ES246 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



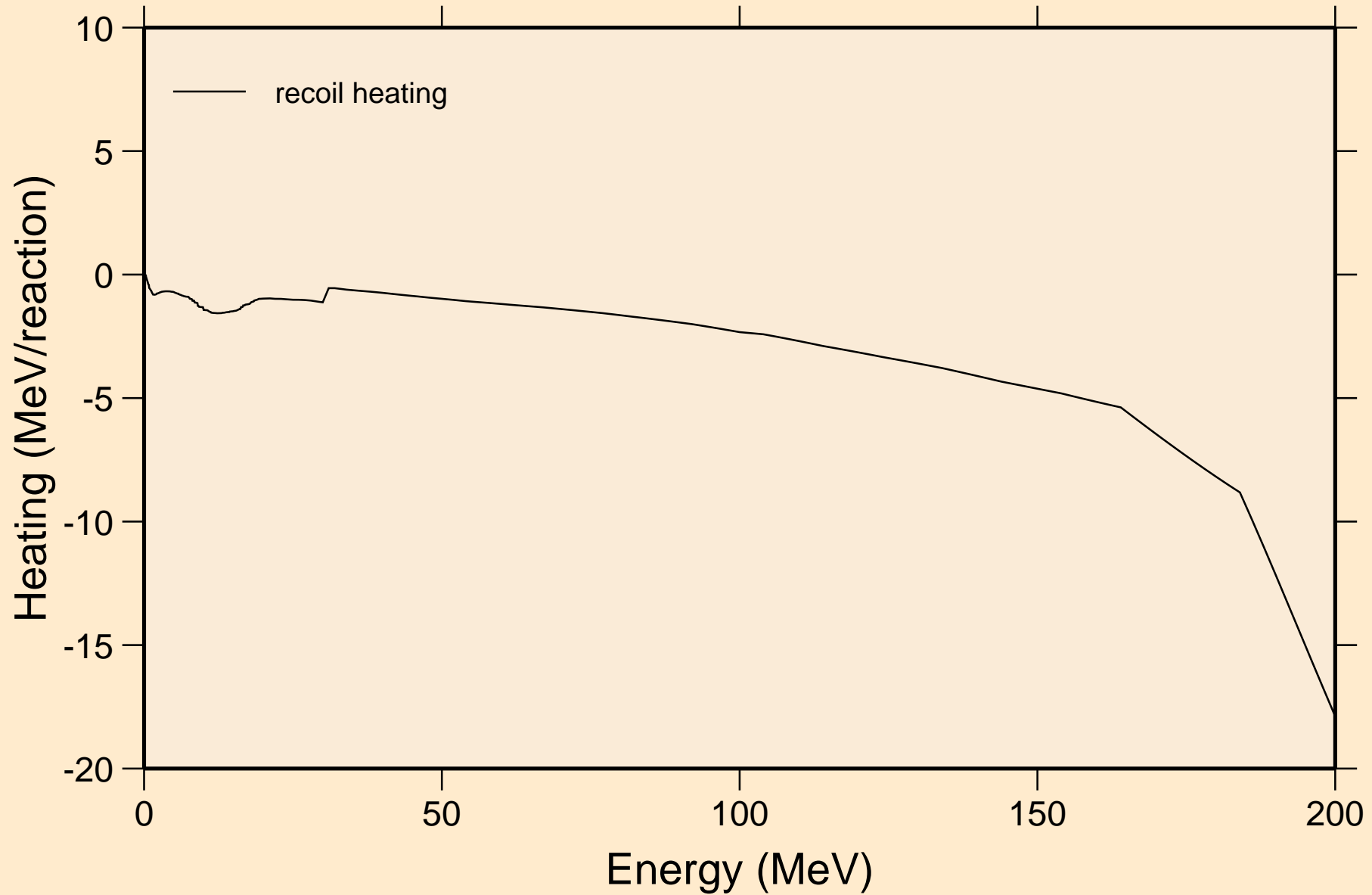
# ES246 NRG TENDL-2015, AKONING

## Particle heating contributions



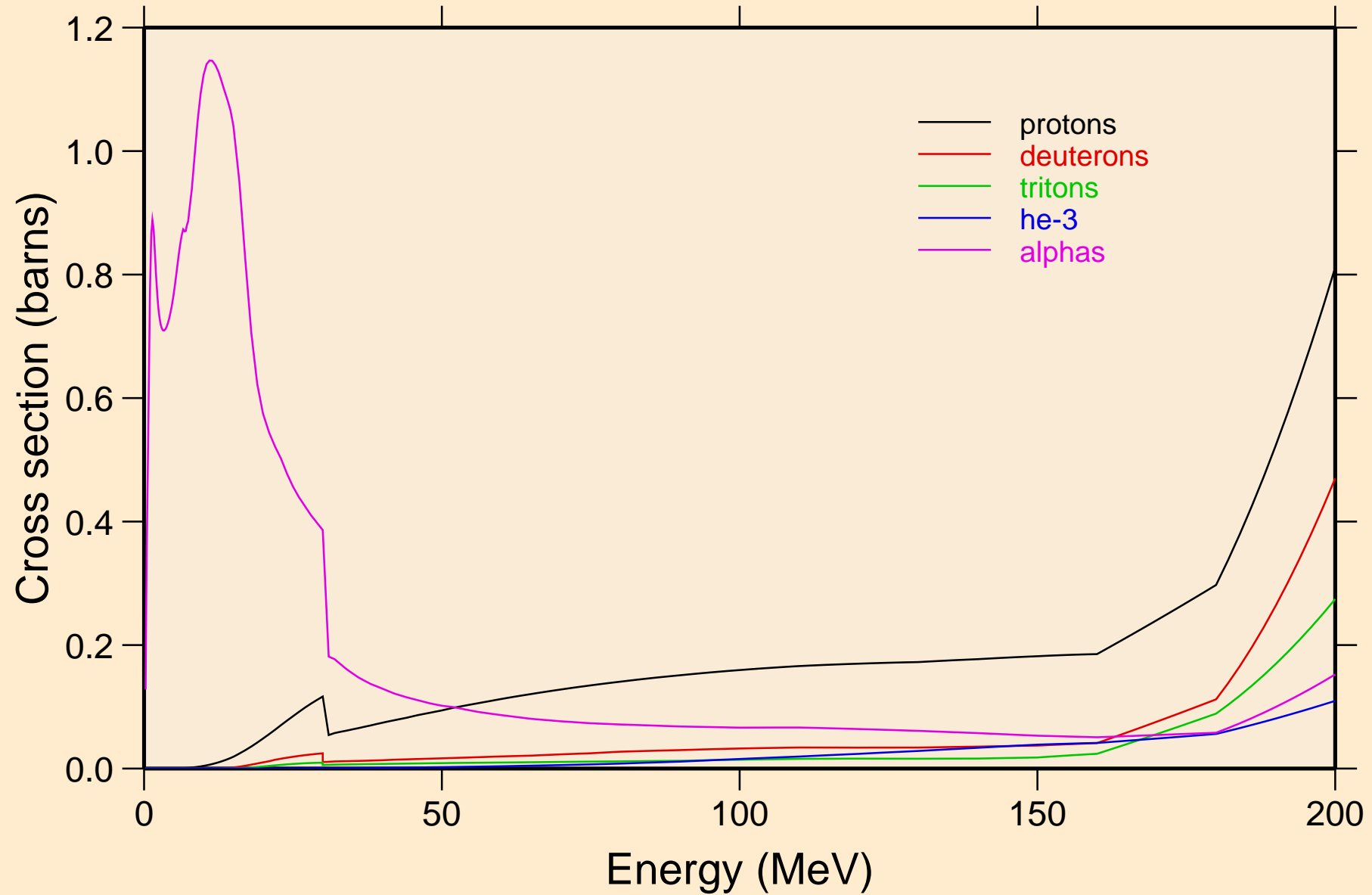
# ES246 NRG TENDL-2015, AKONING

## Recoil Heating

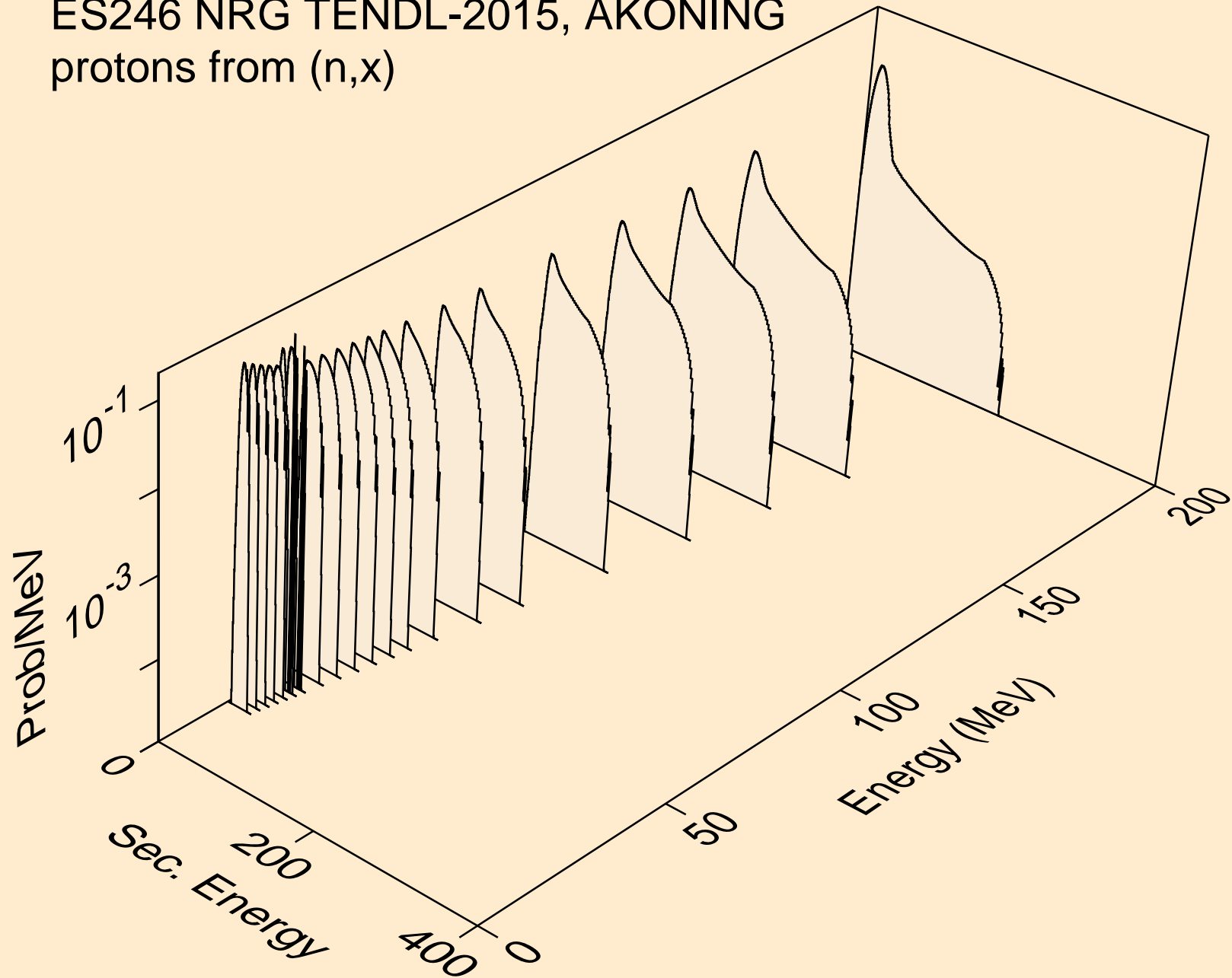


# ES246 NRG TENDL-2015, AKONING

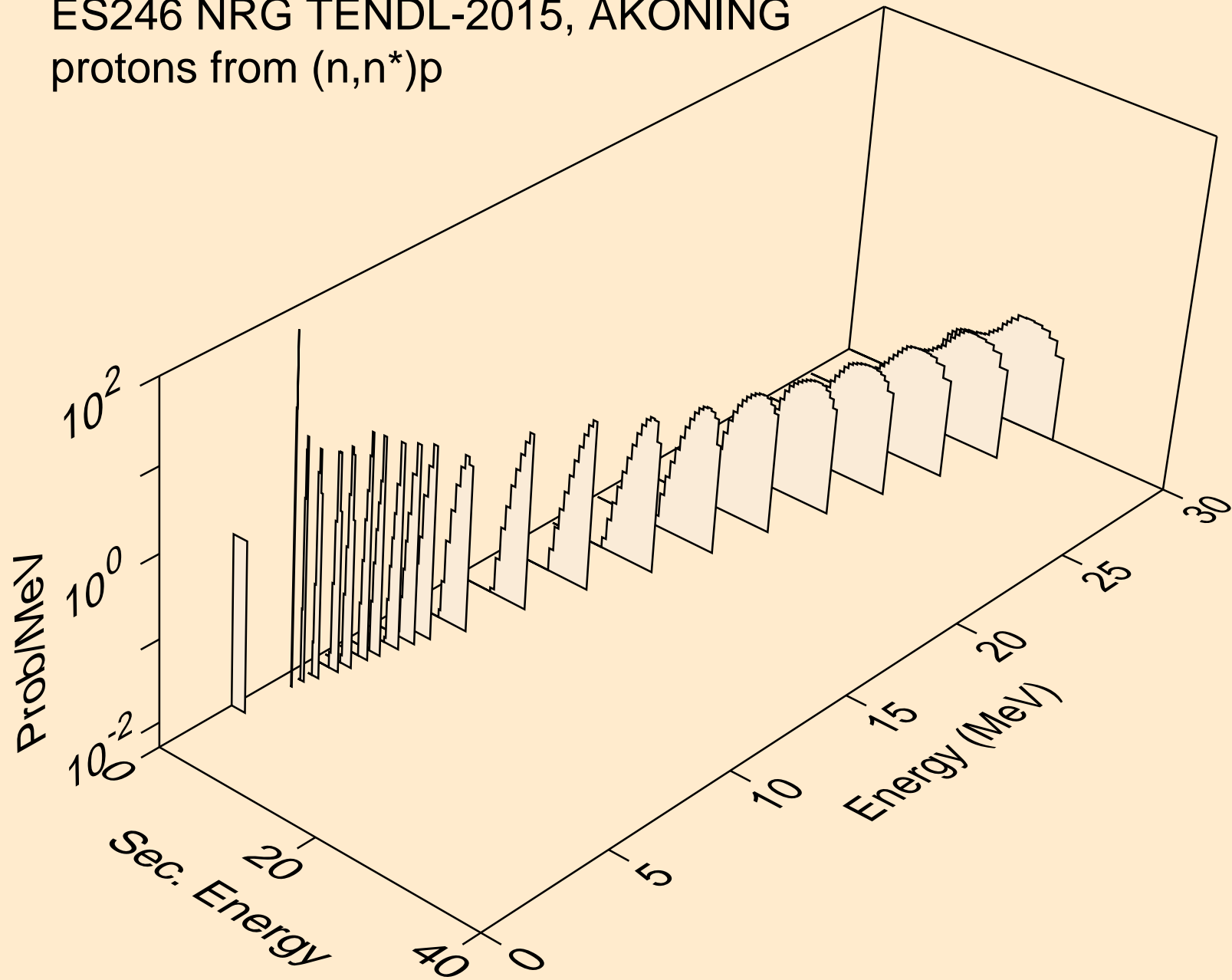
## Particle production cross sections



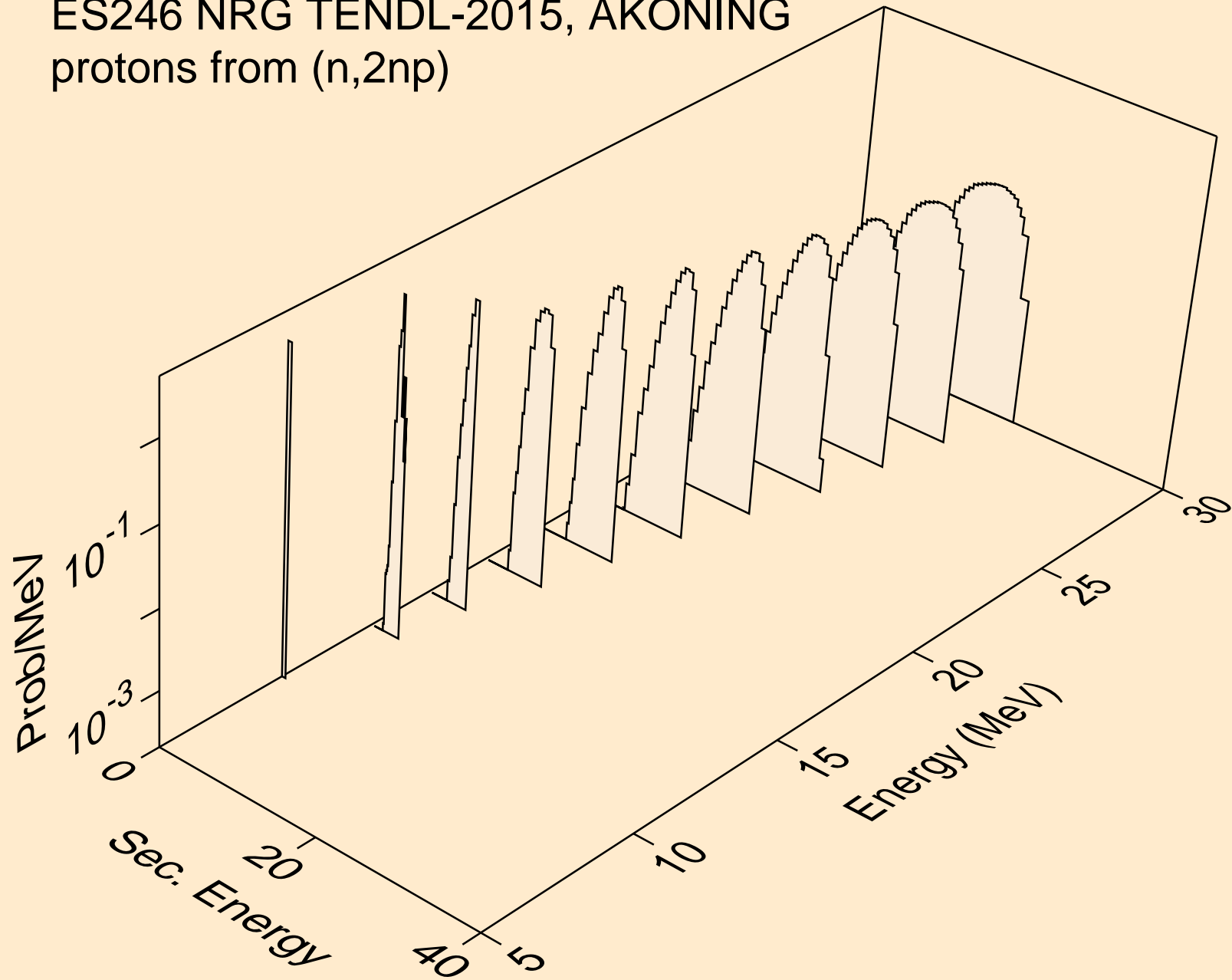
ES246 NRG TENDL-2015, AKONING  
protons from (n,x)



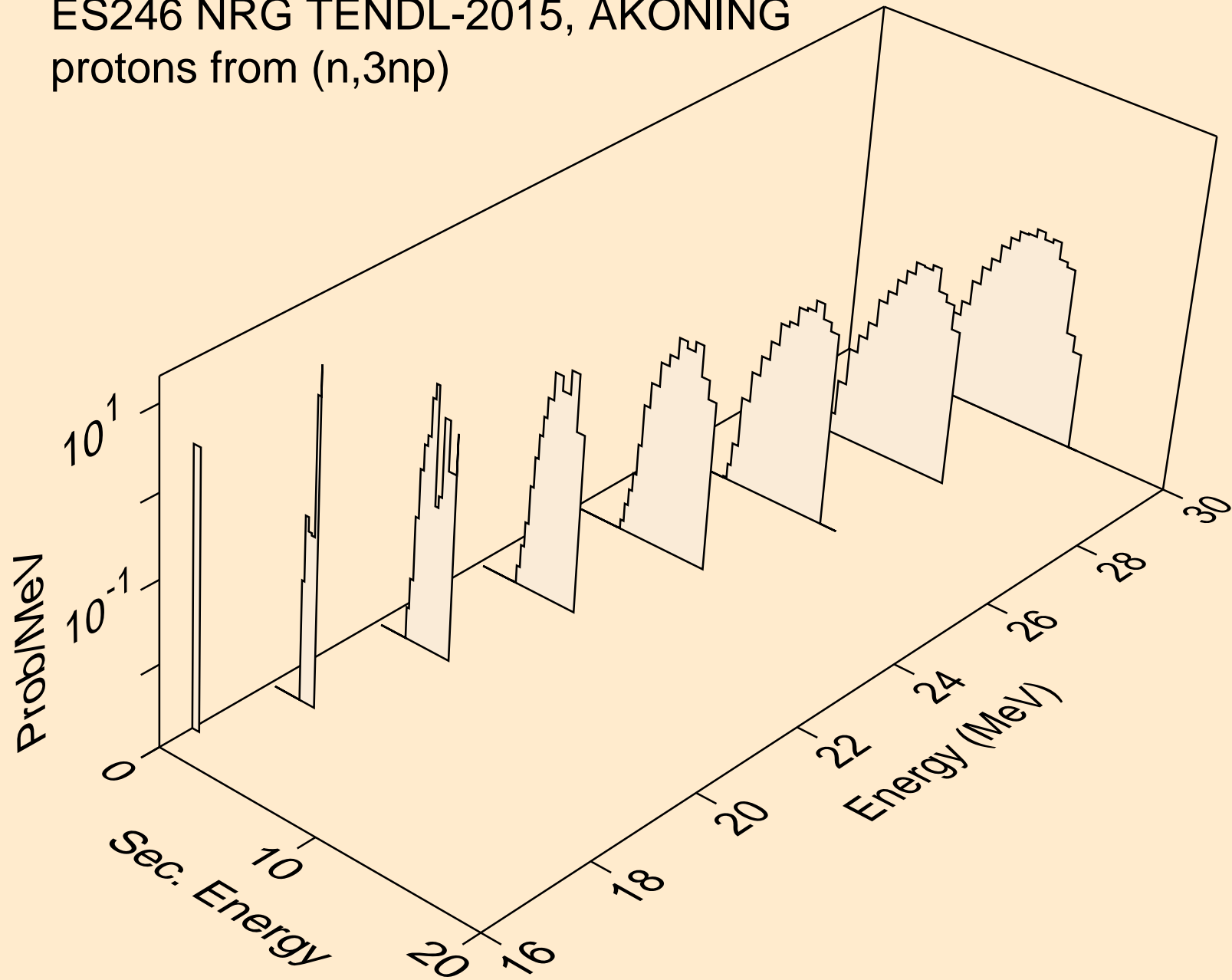
ES246 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



ES246 NRG TENDL-2015, AKONING  
protons from (n,2np)

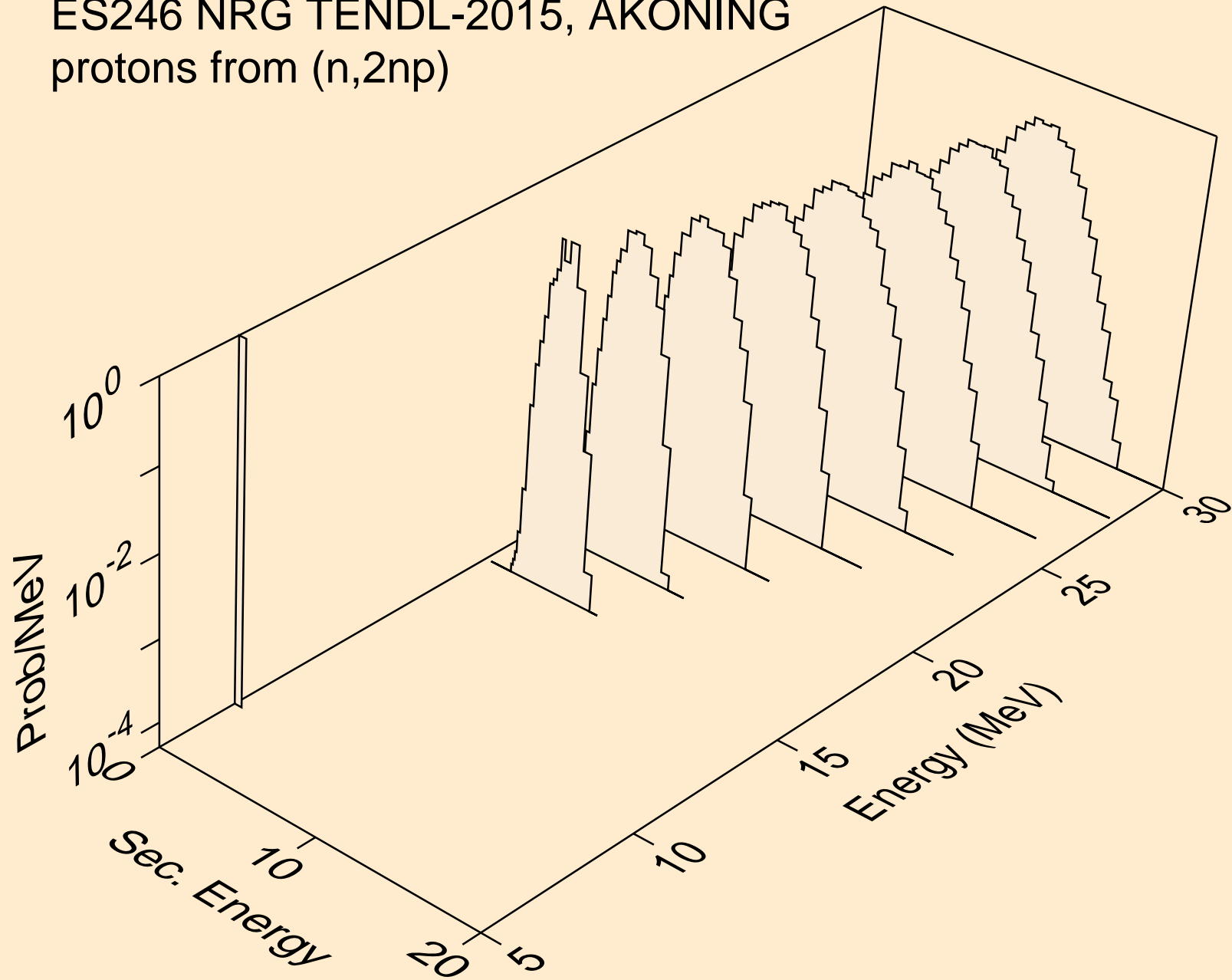


ES246 NRG TENDL-2015, AKONING  
protons from (n,3np)

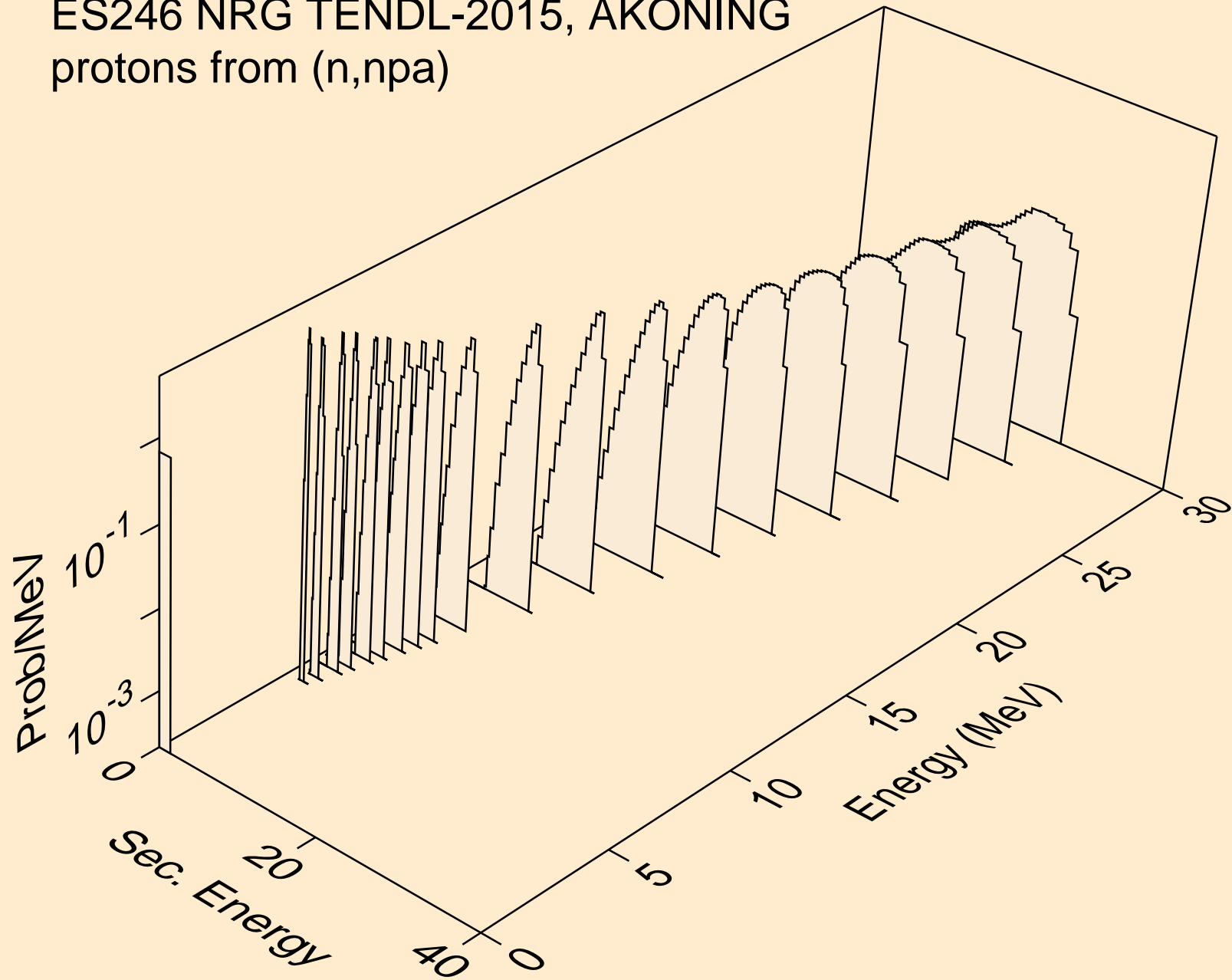




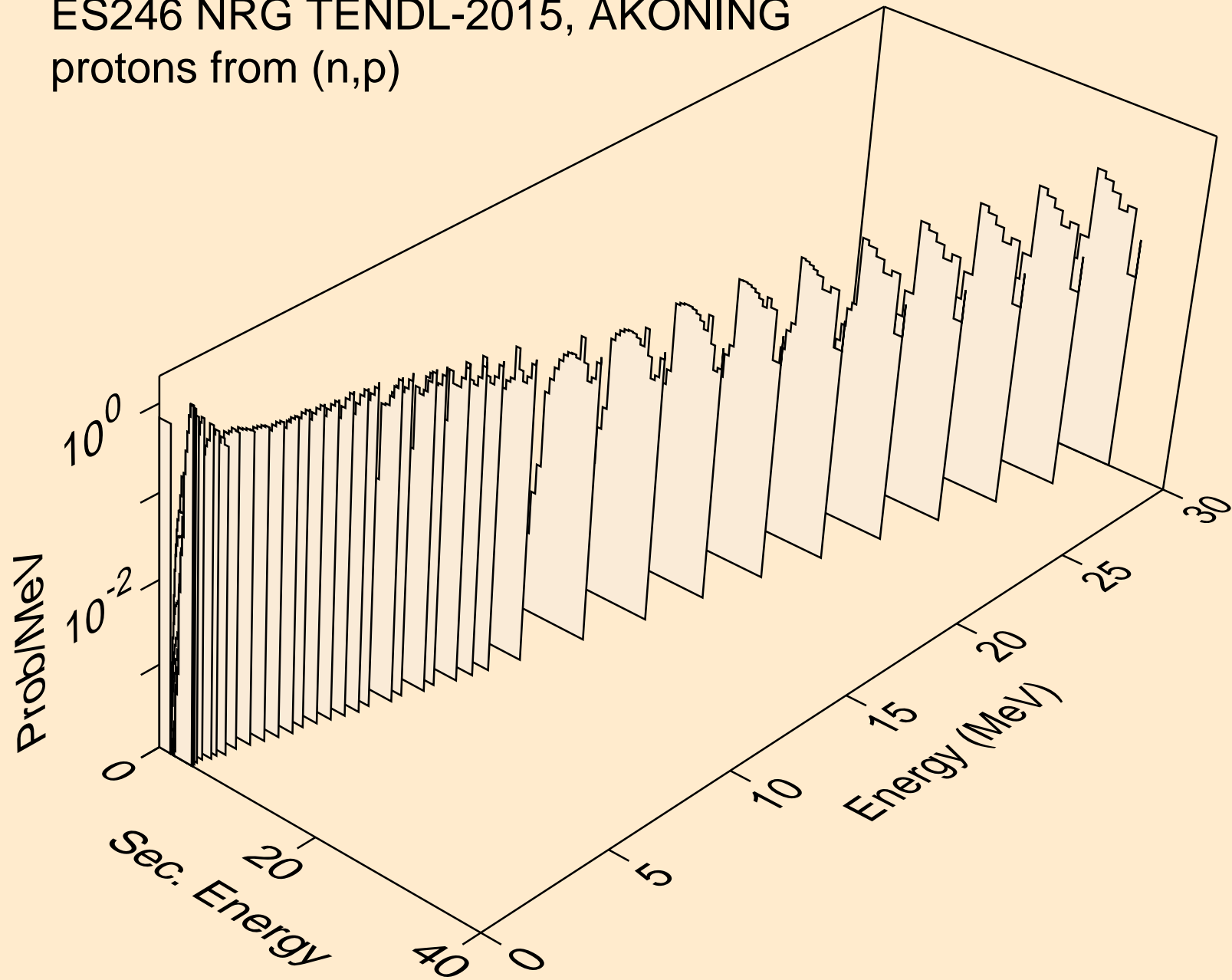
ES246 NRG TENDL-2015, AKONING  
protons from (n,2np)



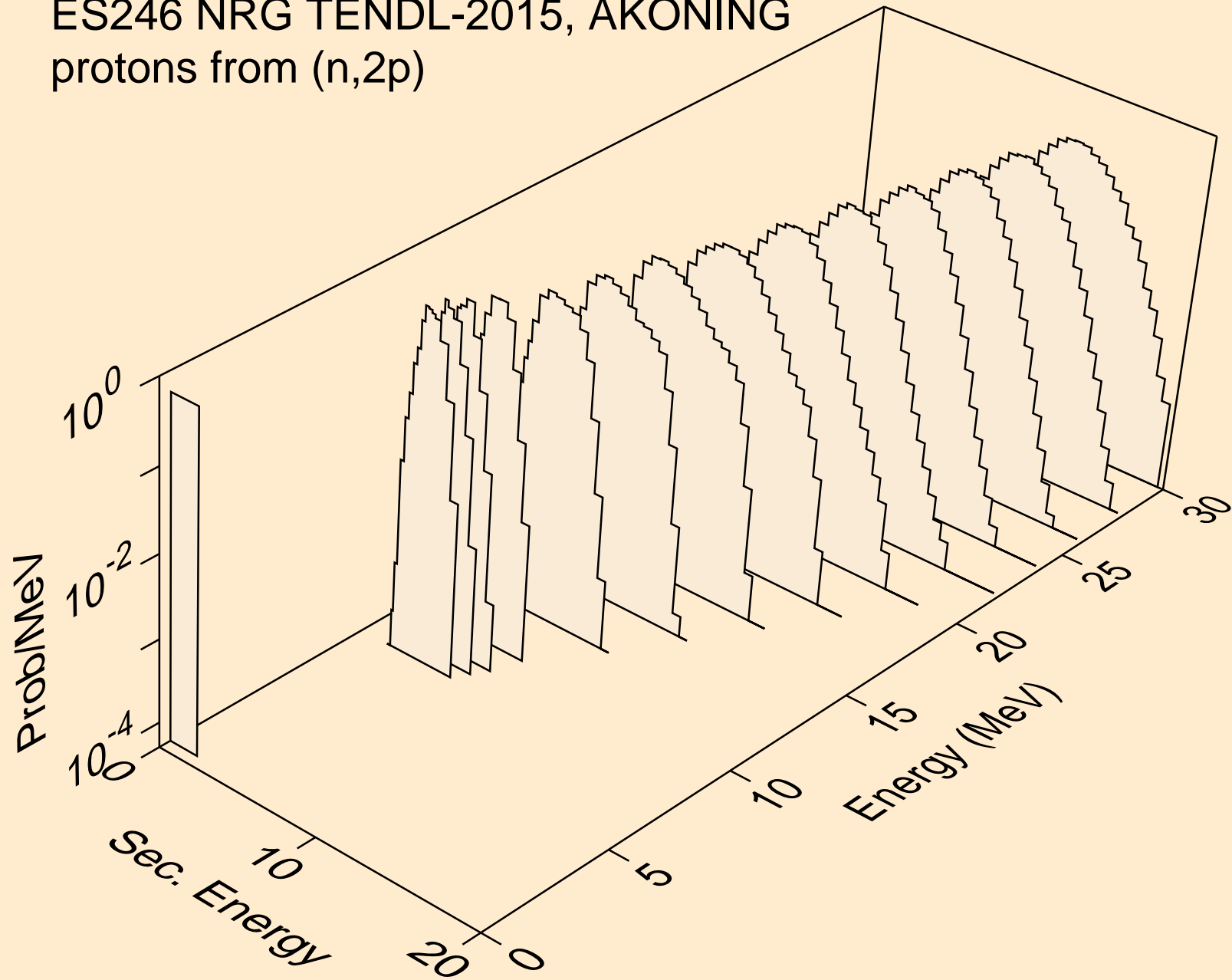
ES246 NRG TENDL-2015, AKONING  
protons from (n,npa)



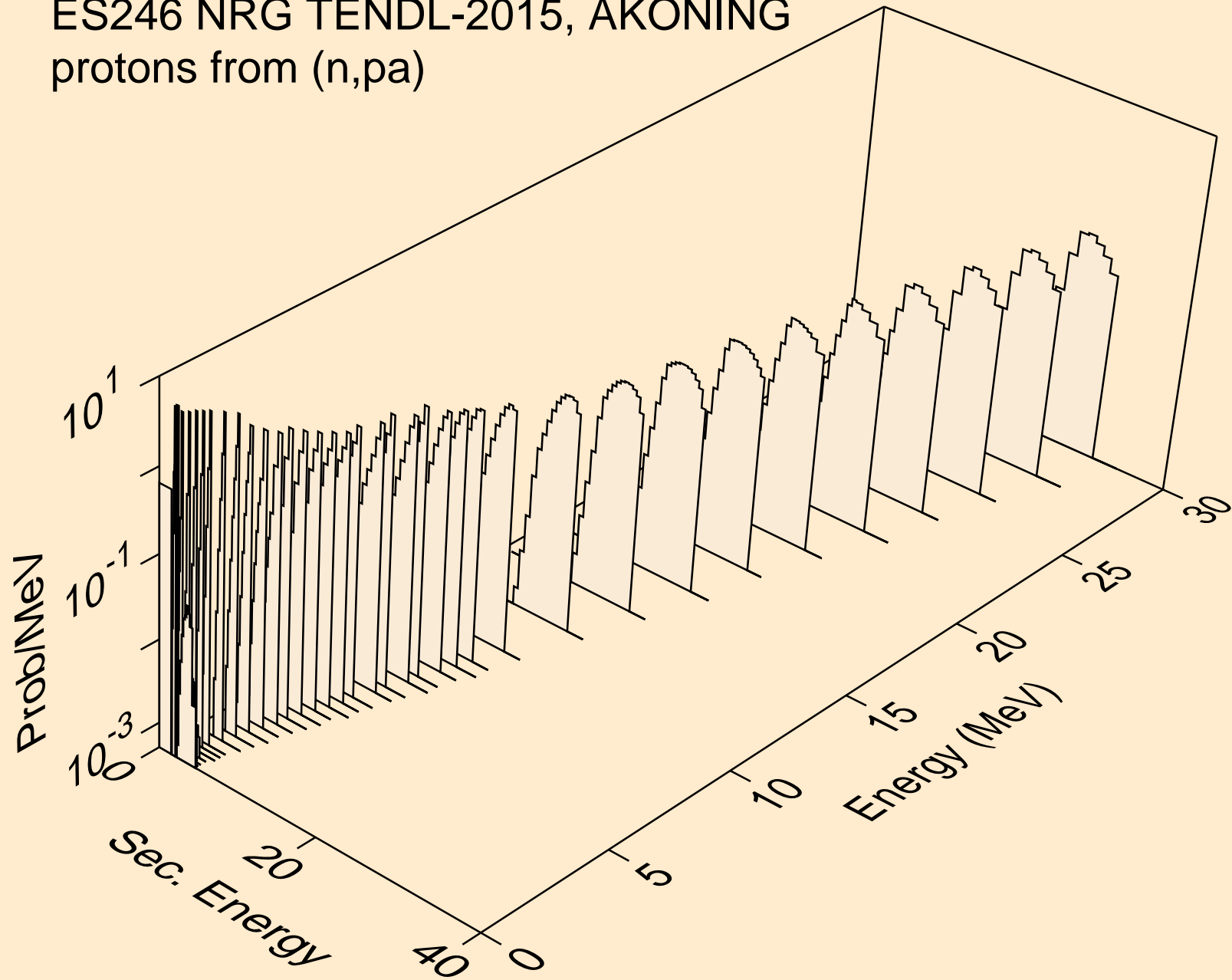
ES246 NRG TENDL-2015, AKONING  
protons from (n,p)



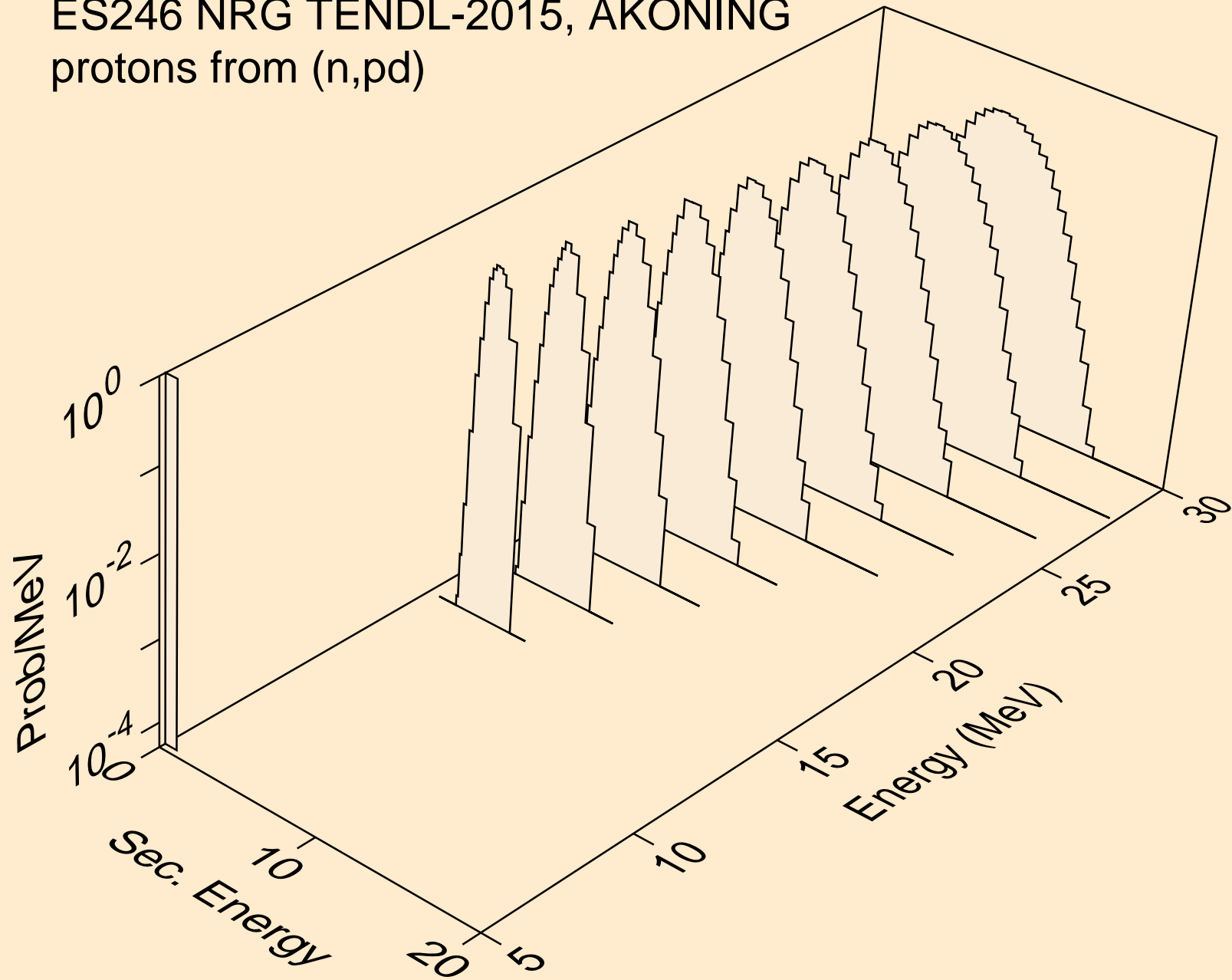
ES246 NRG TENDL-2015, AKONING  
protons from (n,2p)



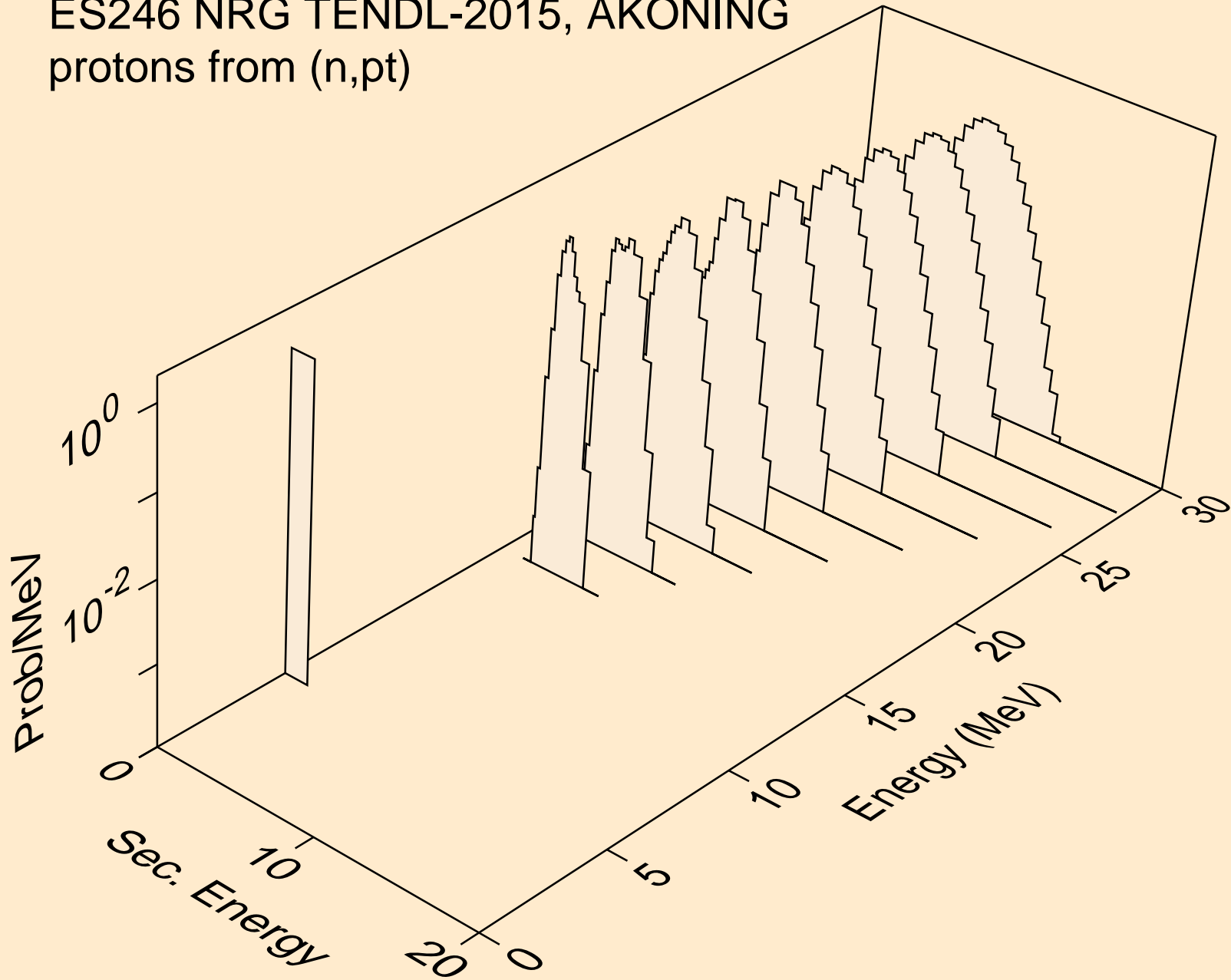
ES246 NRG TENDL-2015, AKONING  
protons from (n,pa)



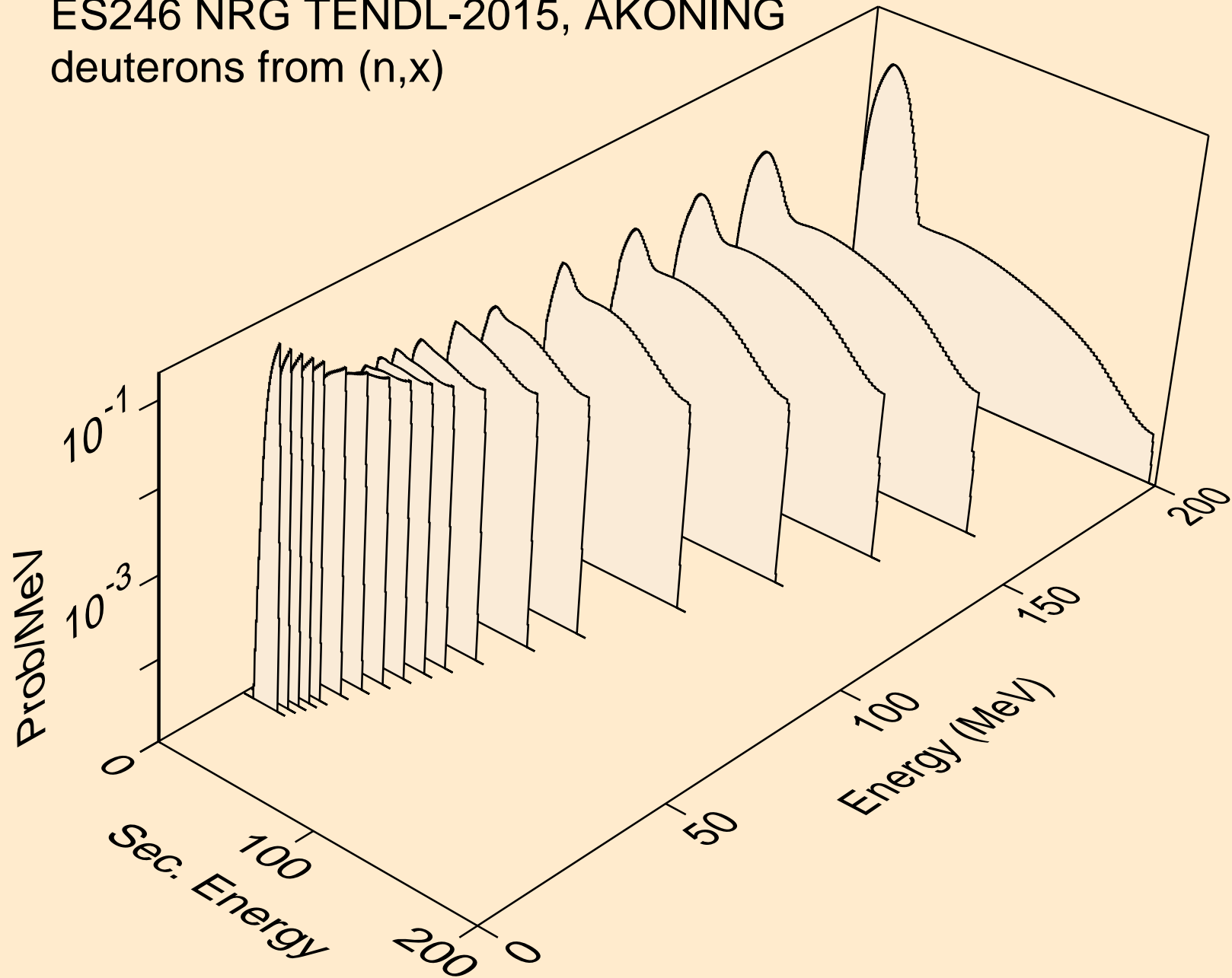
ES246 NRG TENDL-2015, AKONING  
protons from (n,pd)



ES246 NRG TENDL-2015, AKONING  
protons from (n,pt)

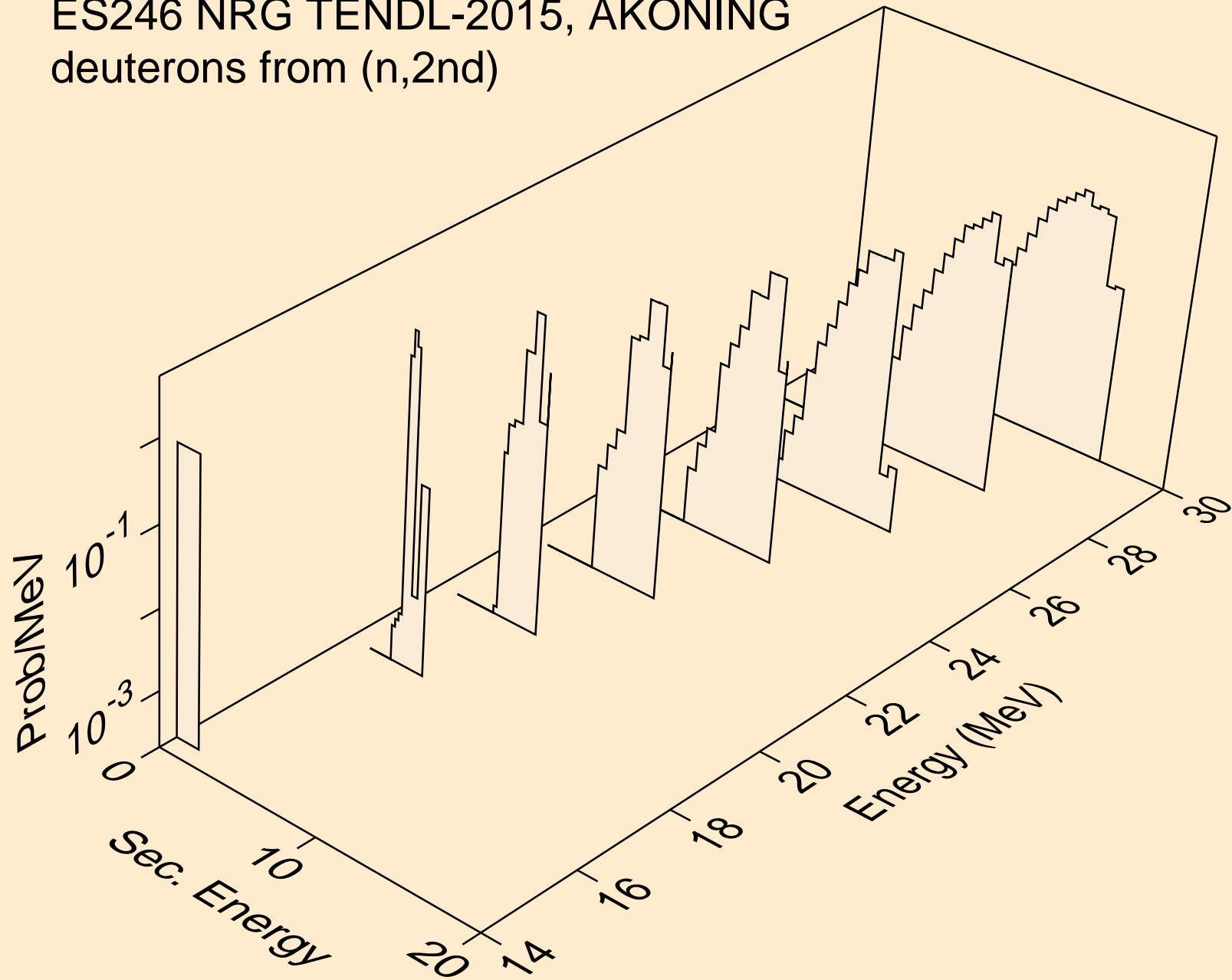


ES246 NRG TENDL-2015, AKONING  
deuterons from (n,x)

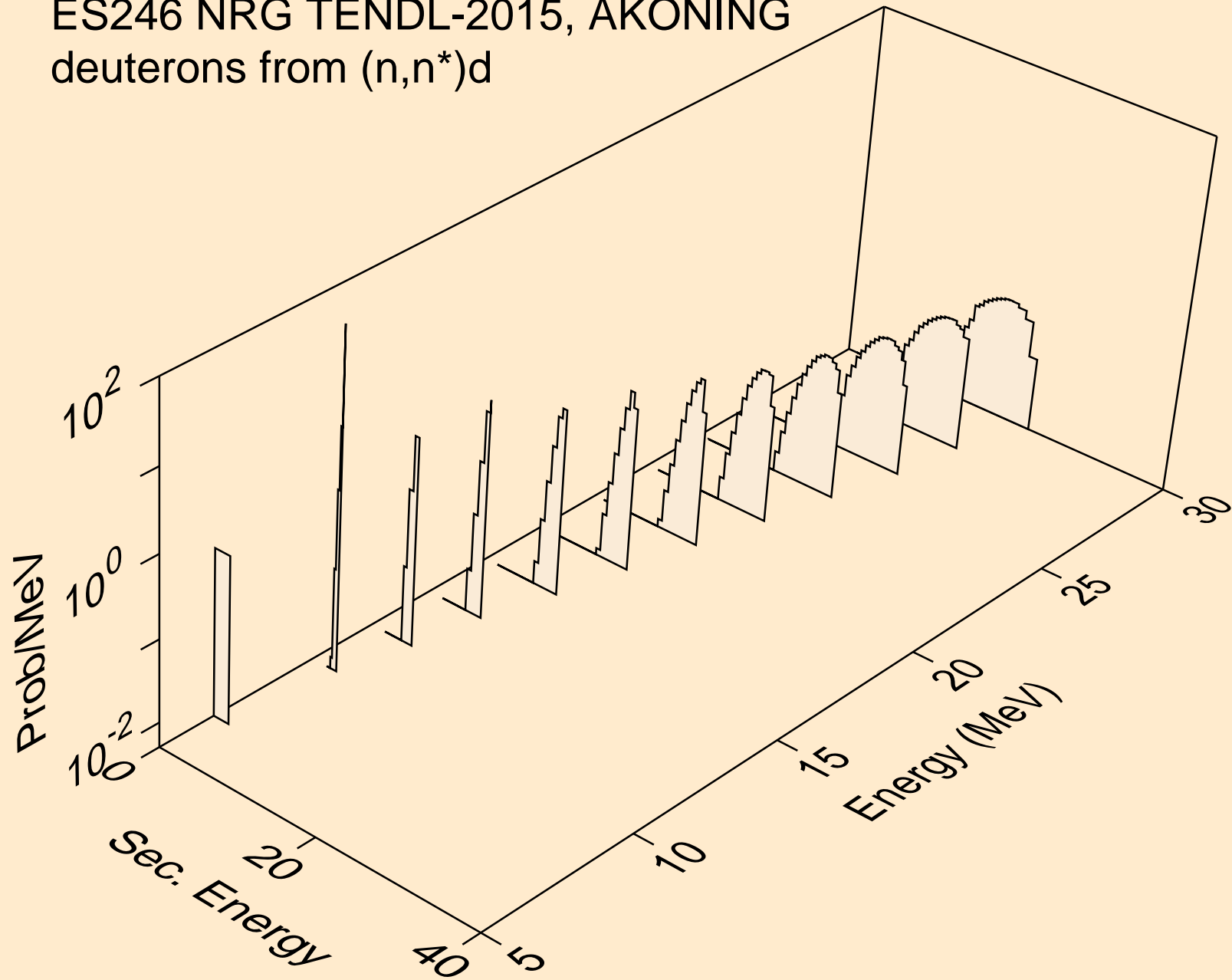




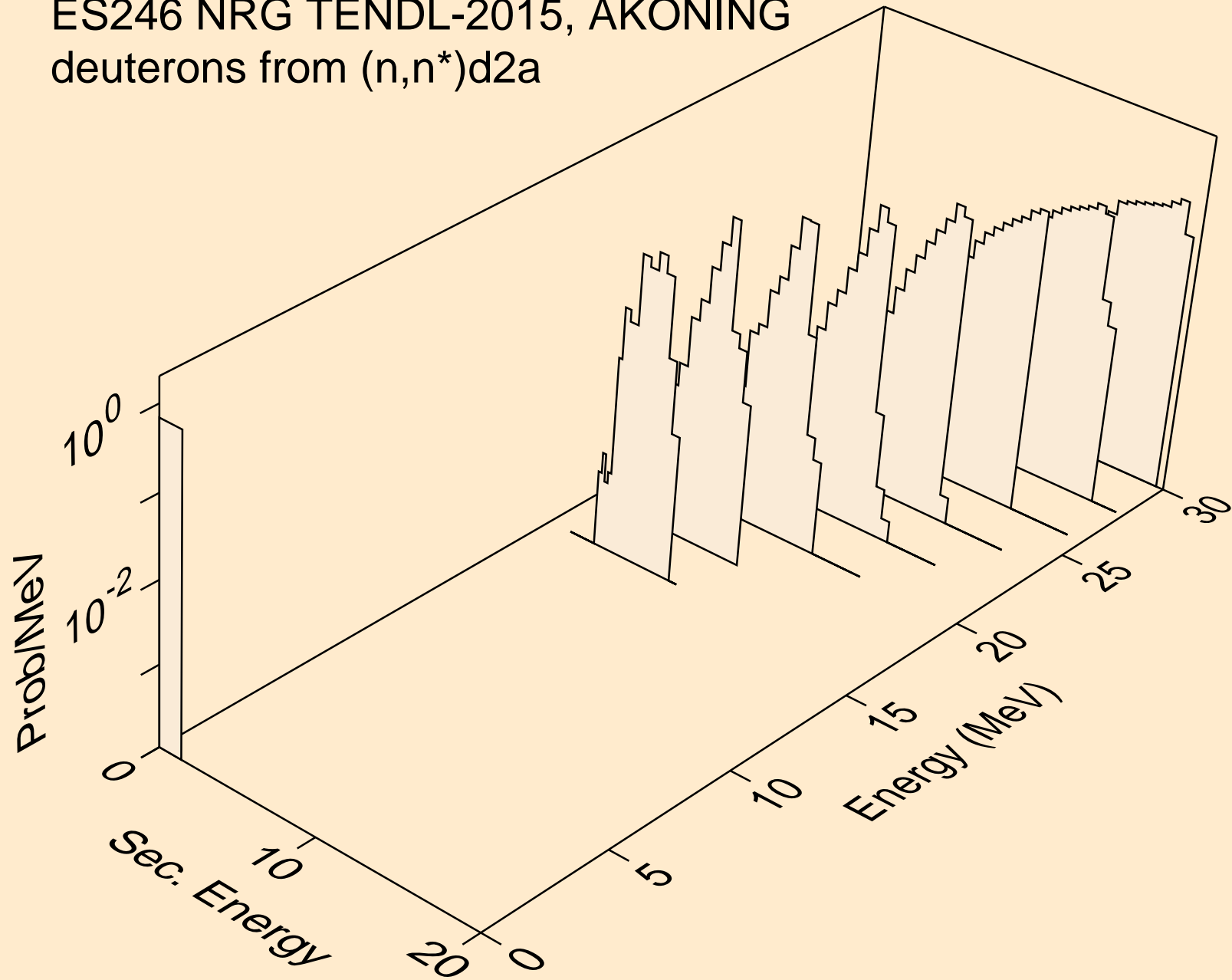
ES246 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



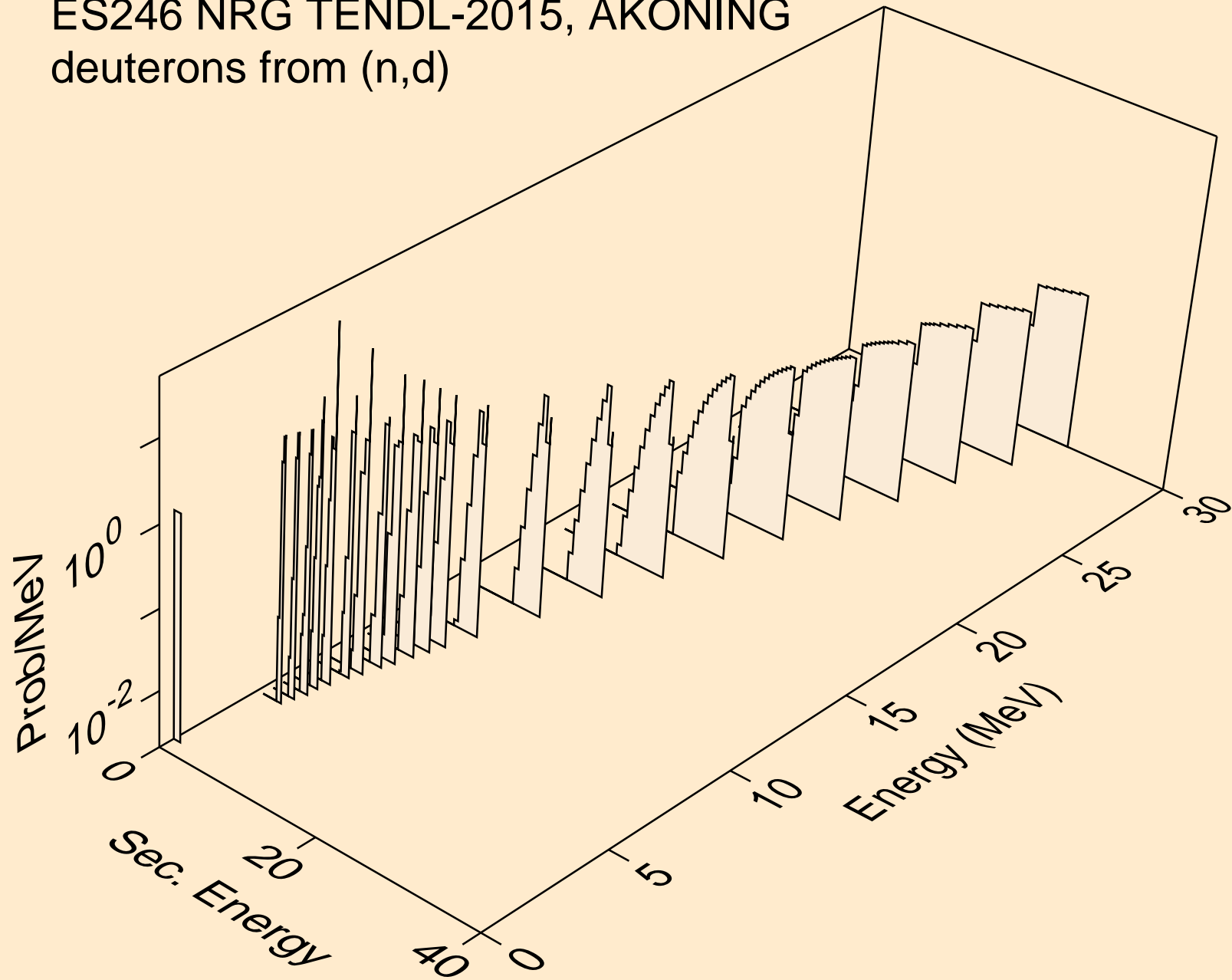
ES246 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



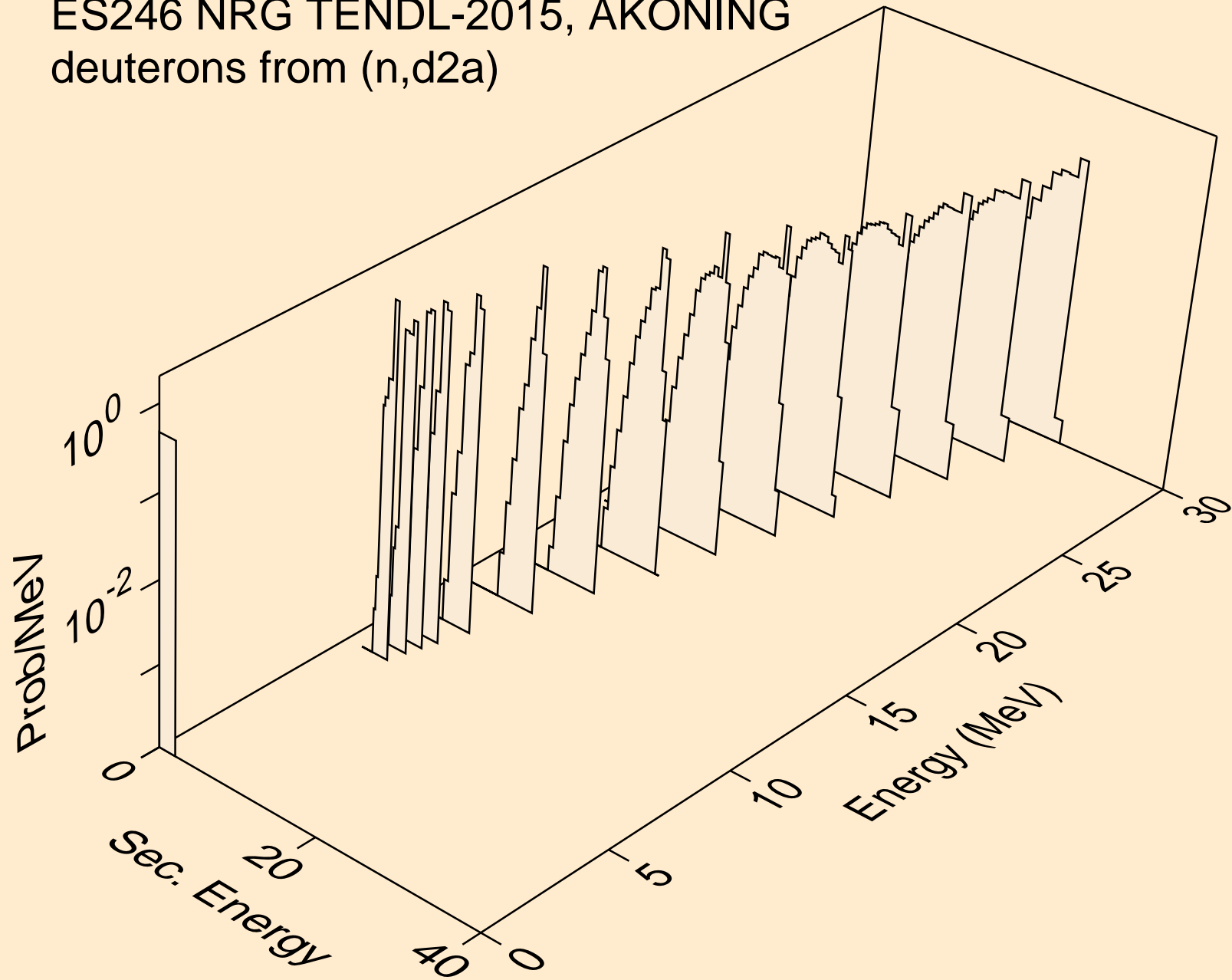
ES246 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d2a



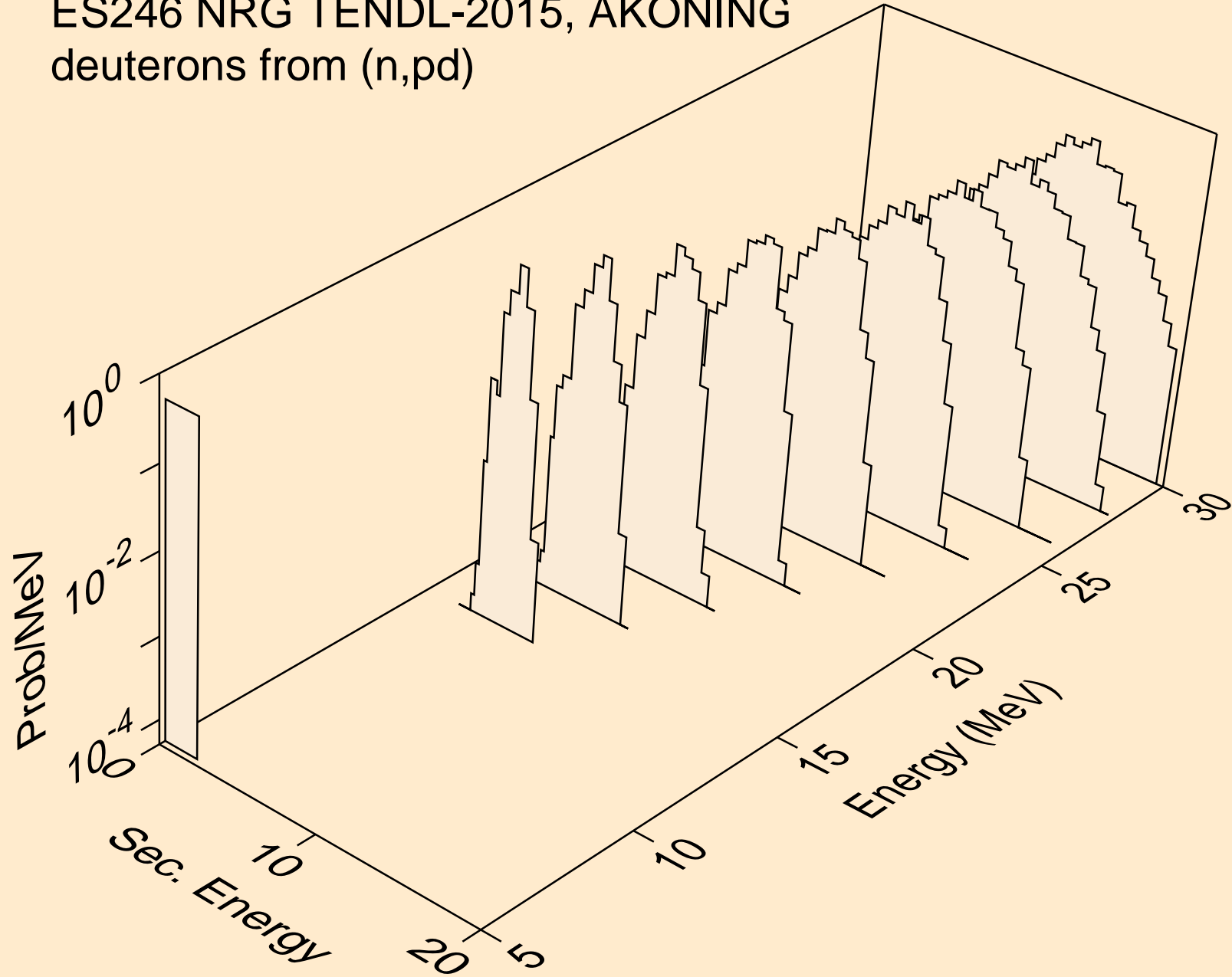
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deuterons from (n,d)



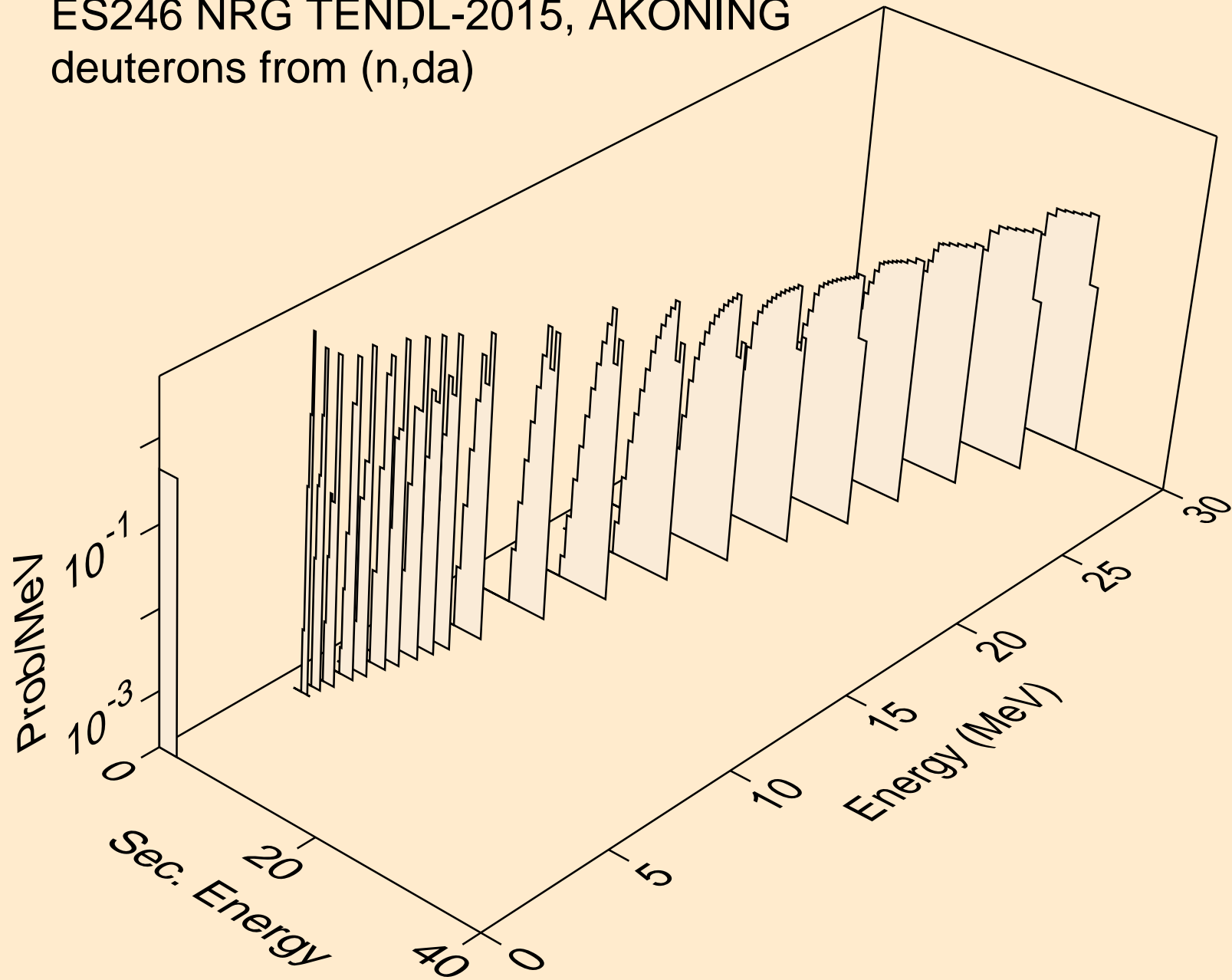
ES246 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)



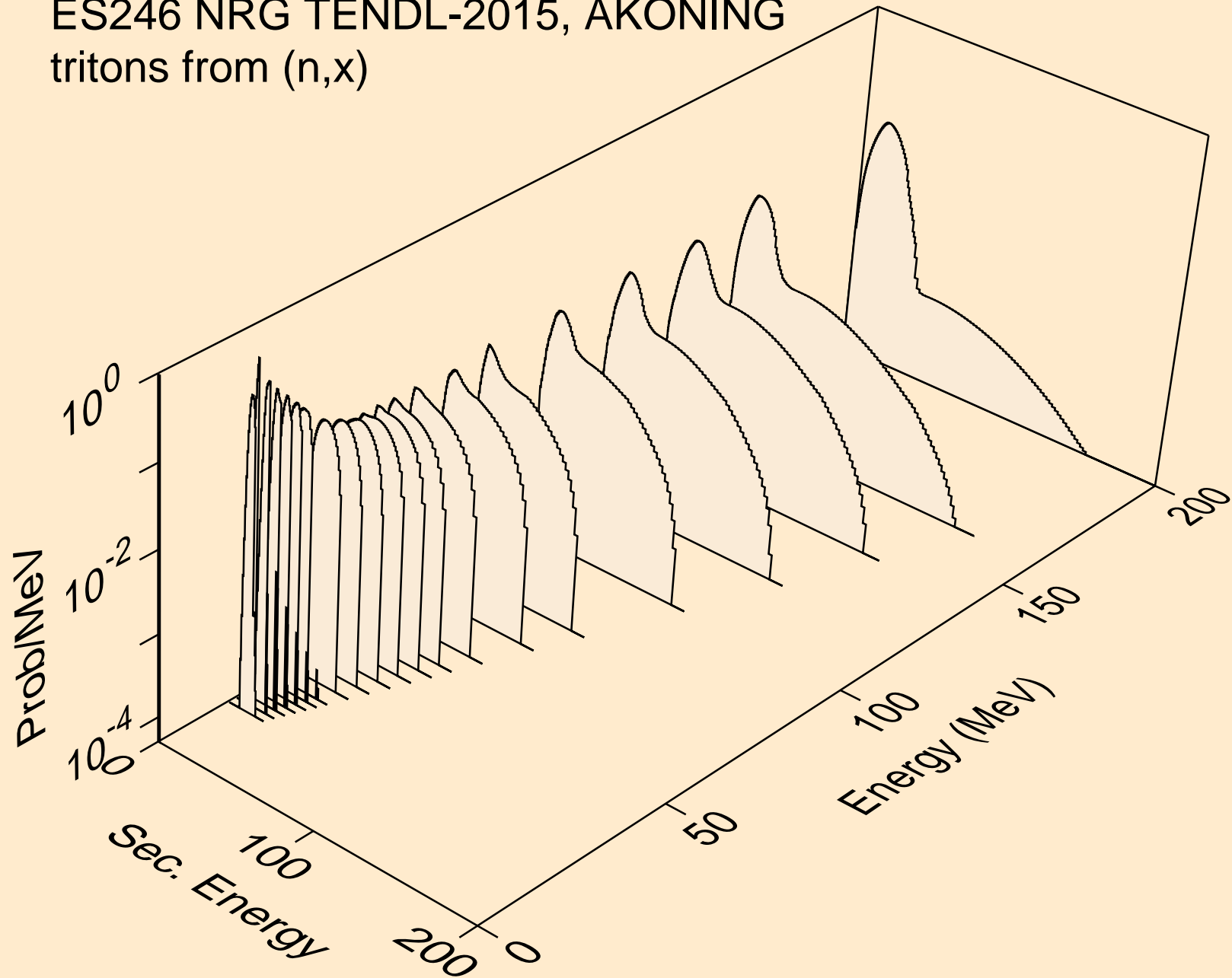
ES246 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



ES246 NRG TENDL-2015, AKONING  
deuterons from (n,da)

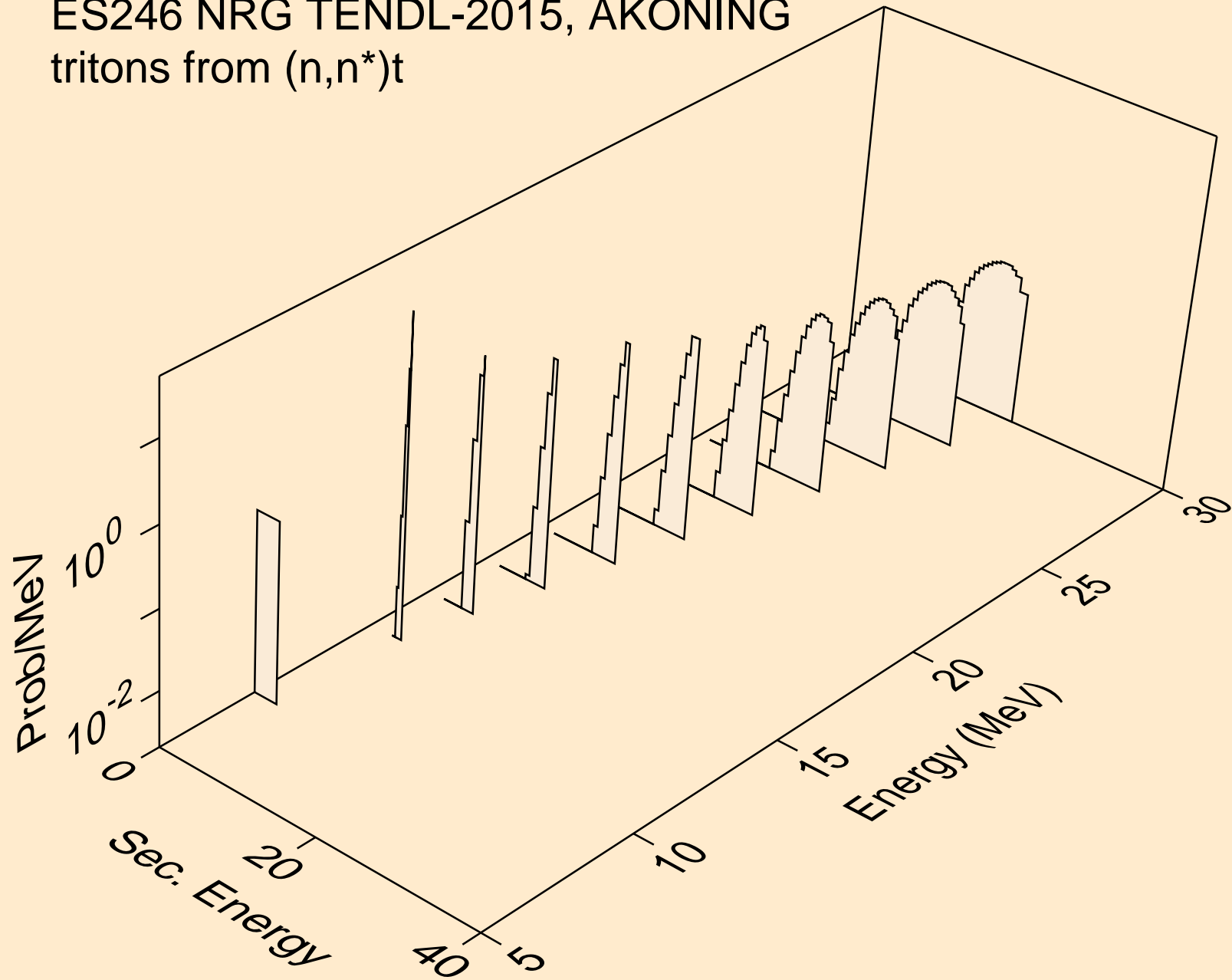


ES246 NRG TENDL-2015, AKONING  
tritons from (n,x)

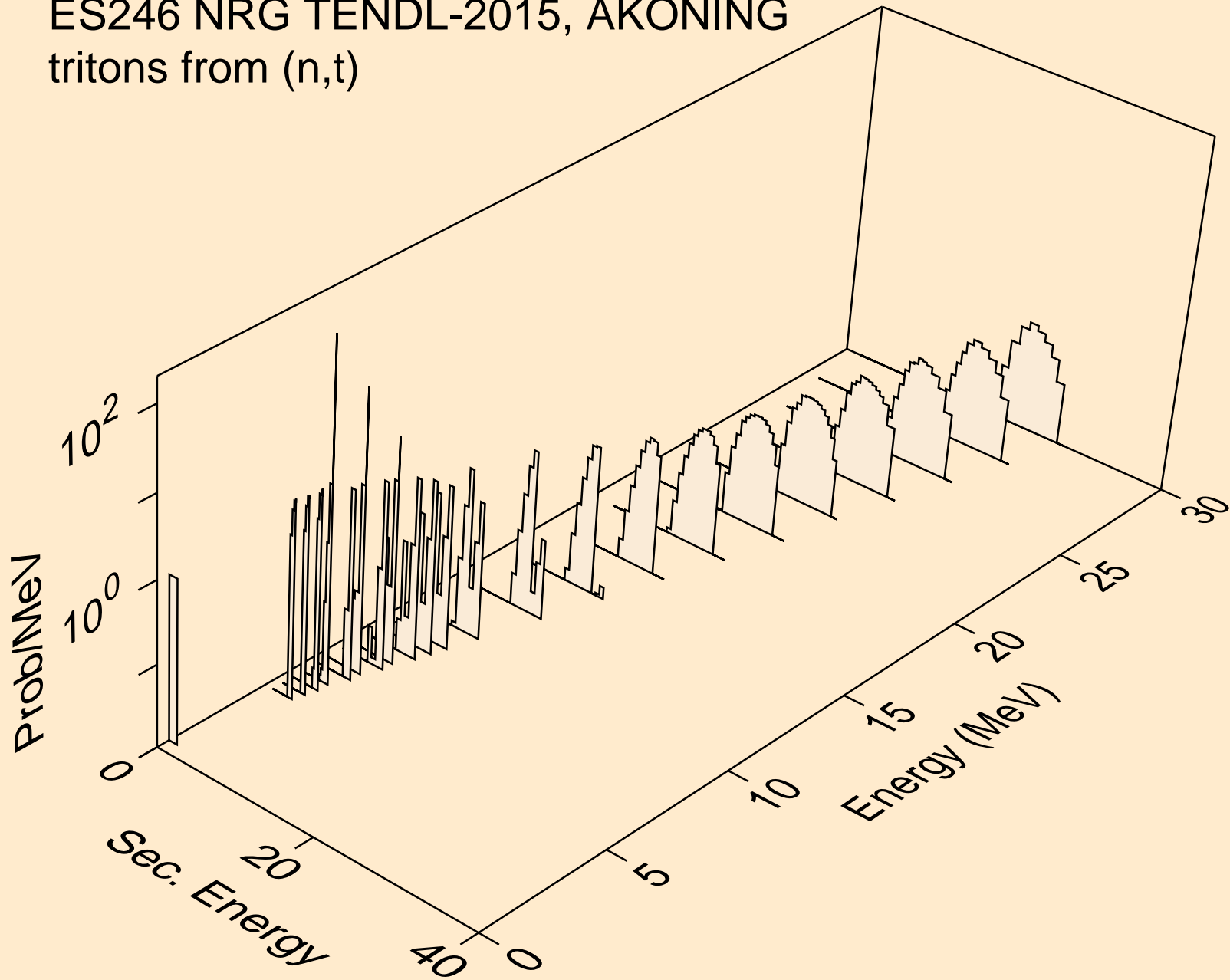




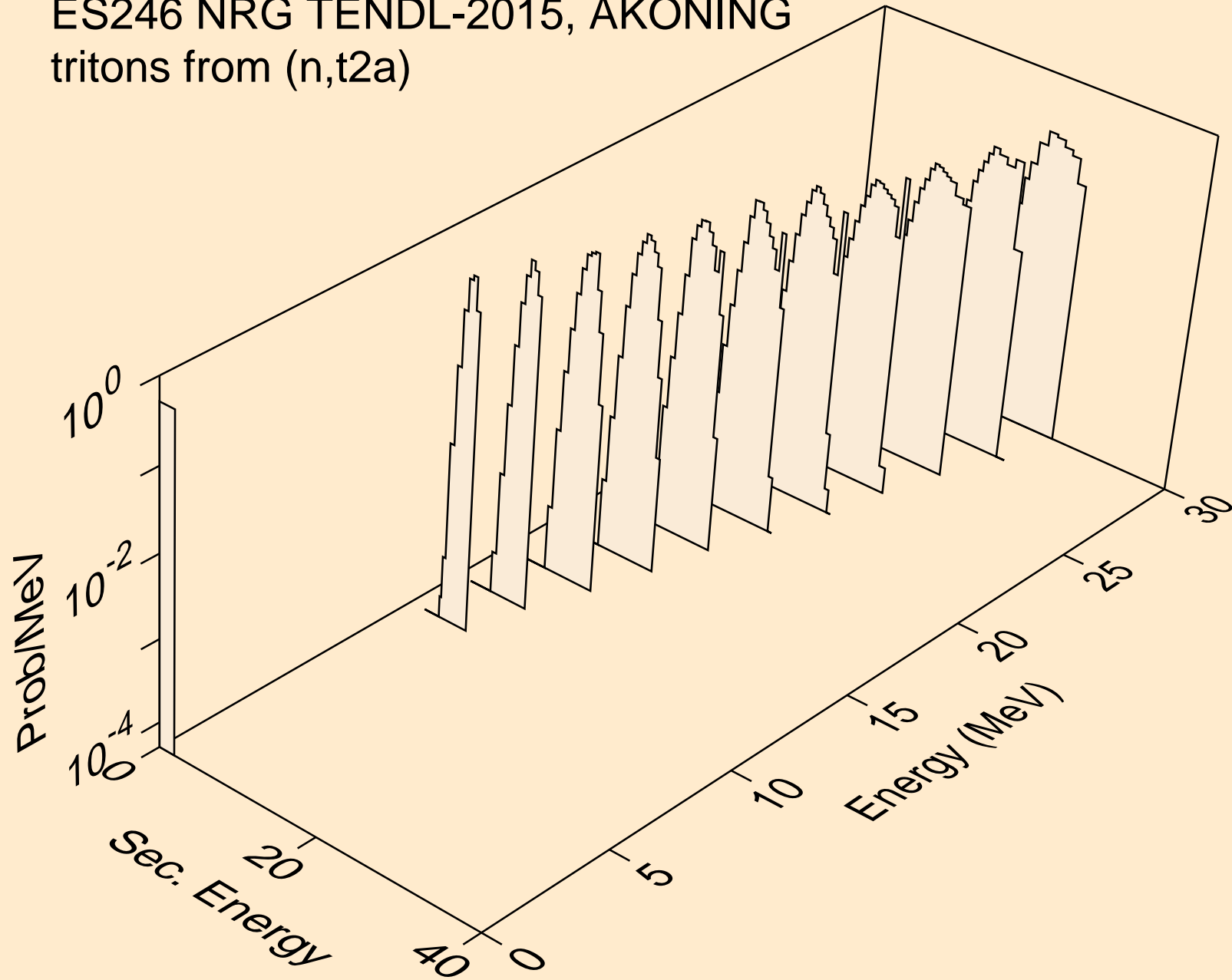
ES246 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



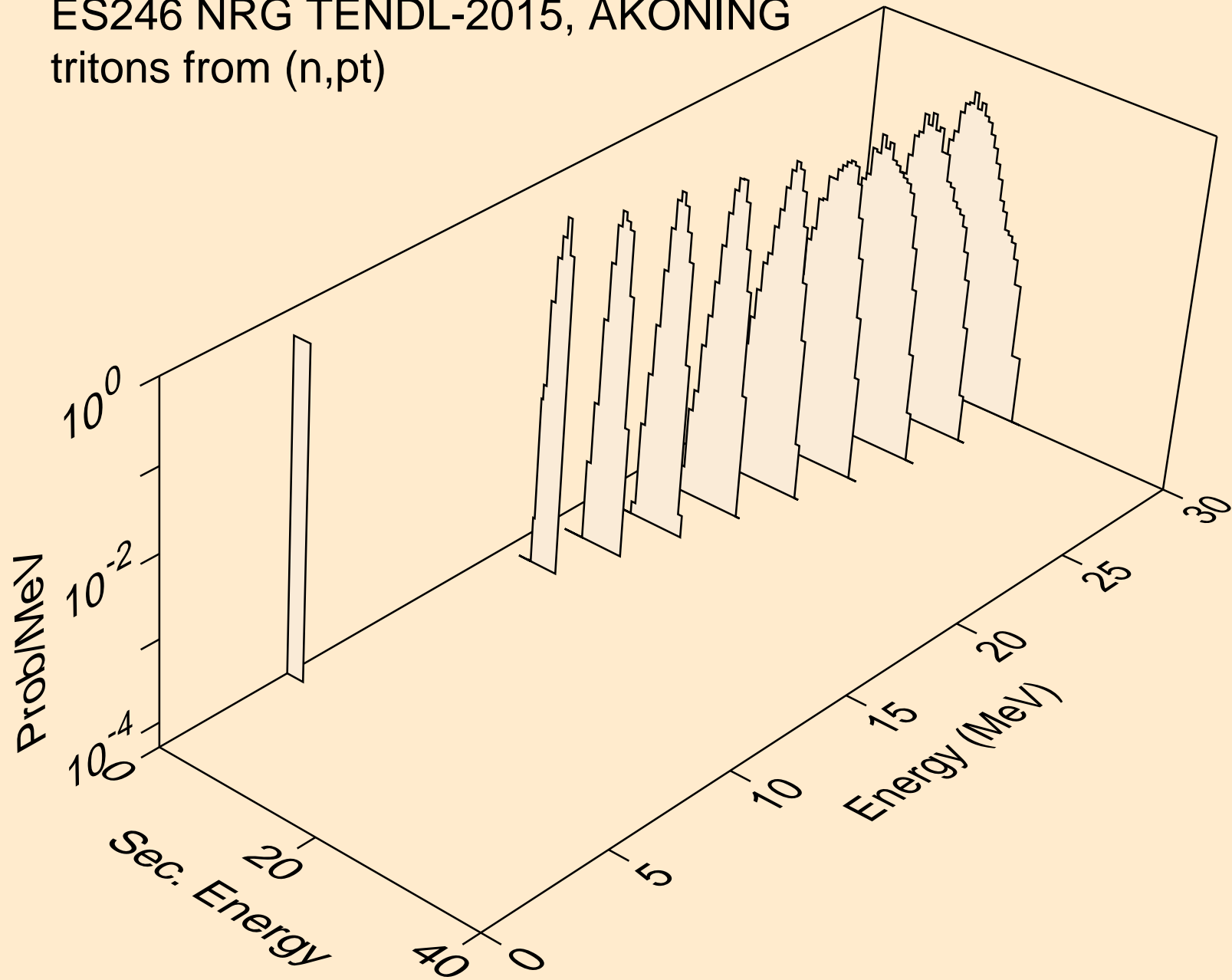
ES246 NRG TENDL-2015, AKONING  
tritons from (n,t)



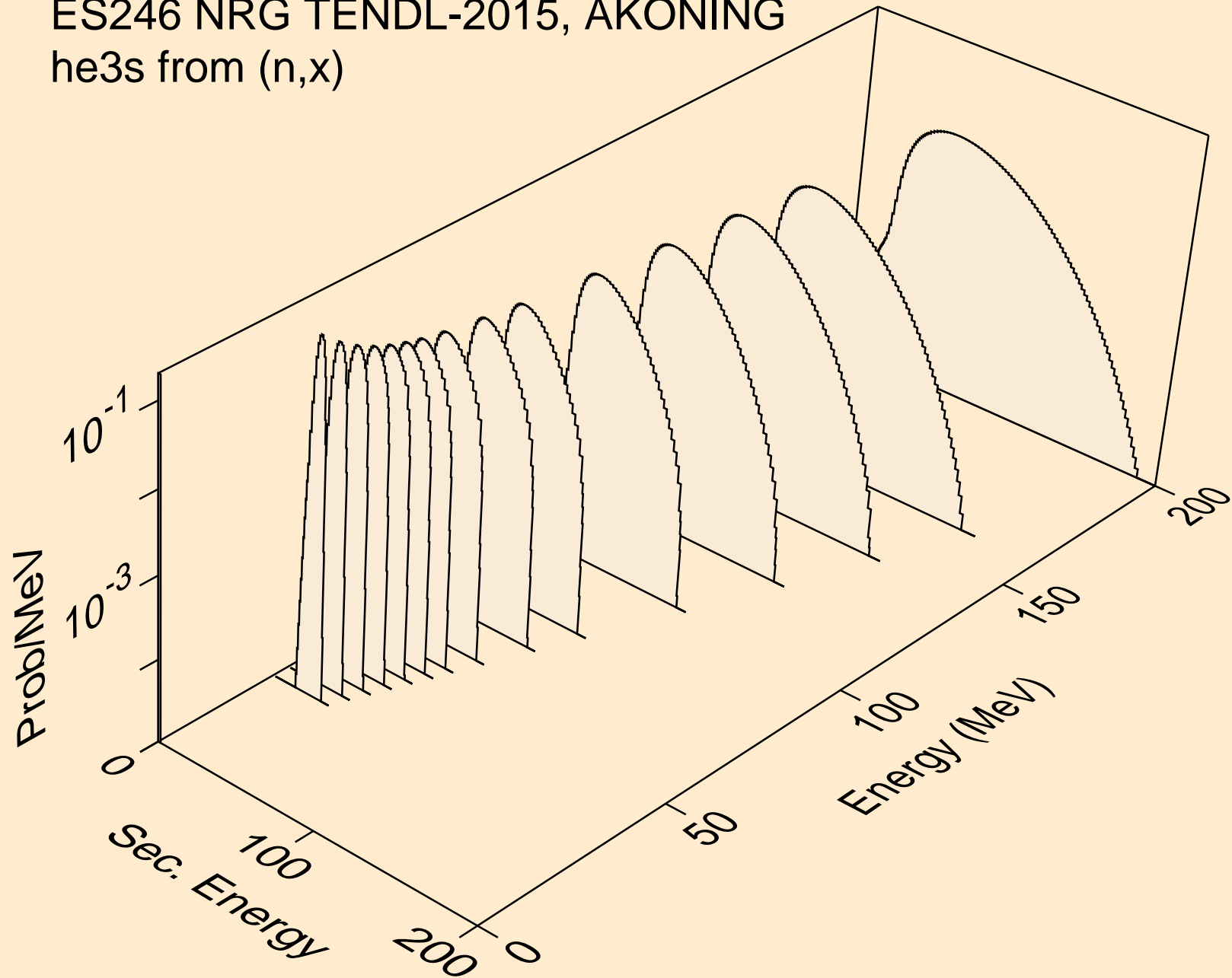
ES246 NRG TENDL-2015, AKONING  
tritons from (n,t2a)



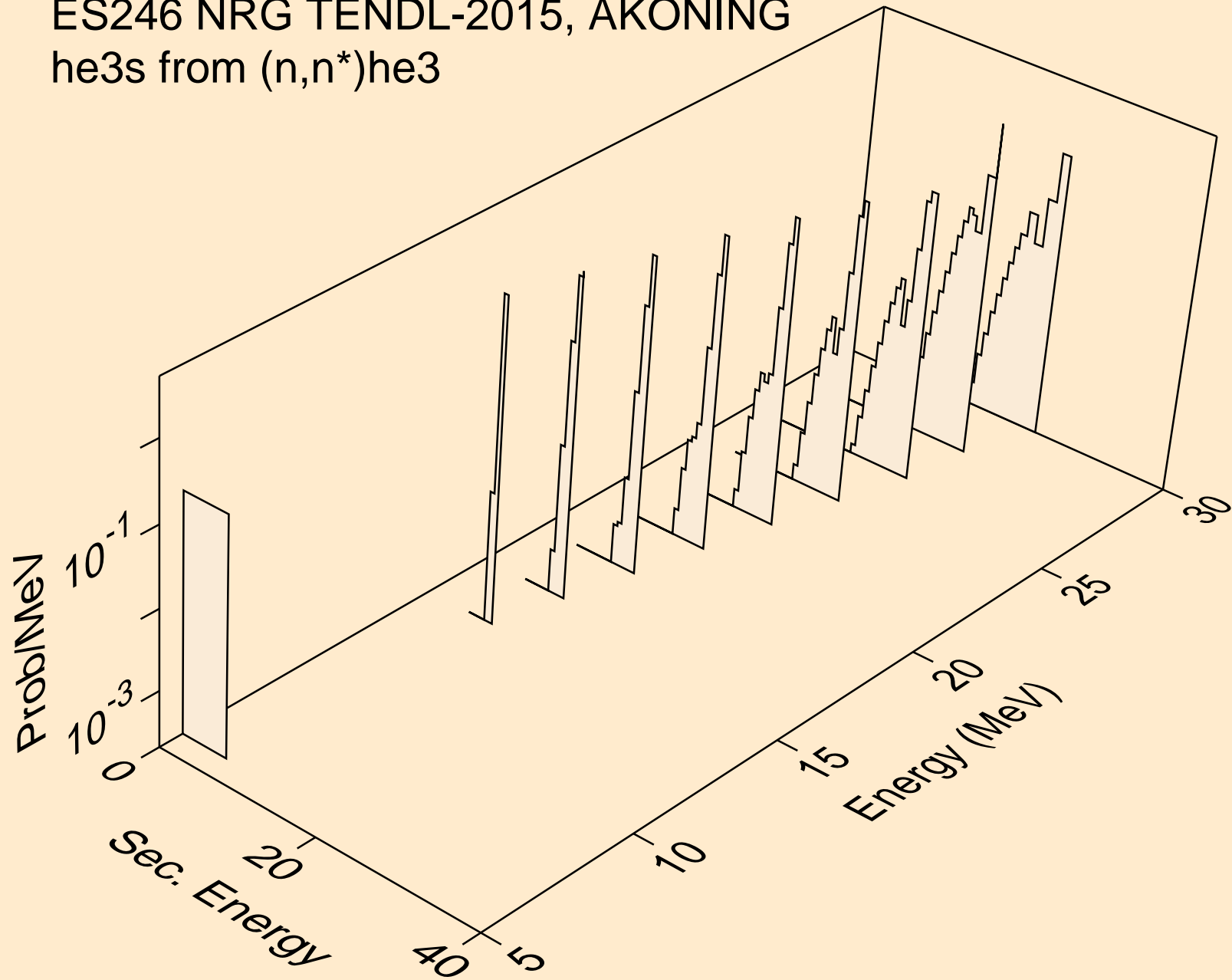
ES246 NRG TENDL-2015, AKONING  
tritons from (n,pt)



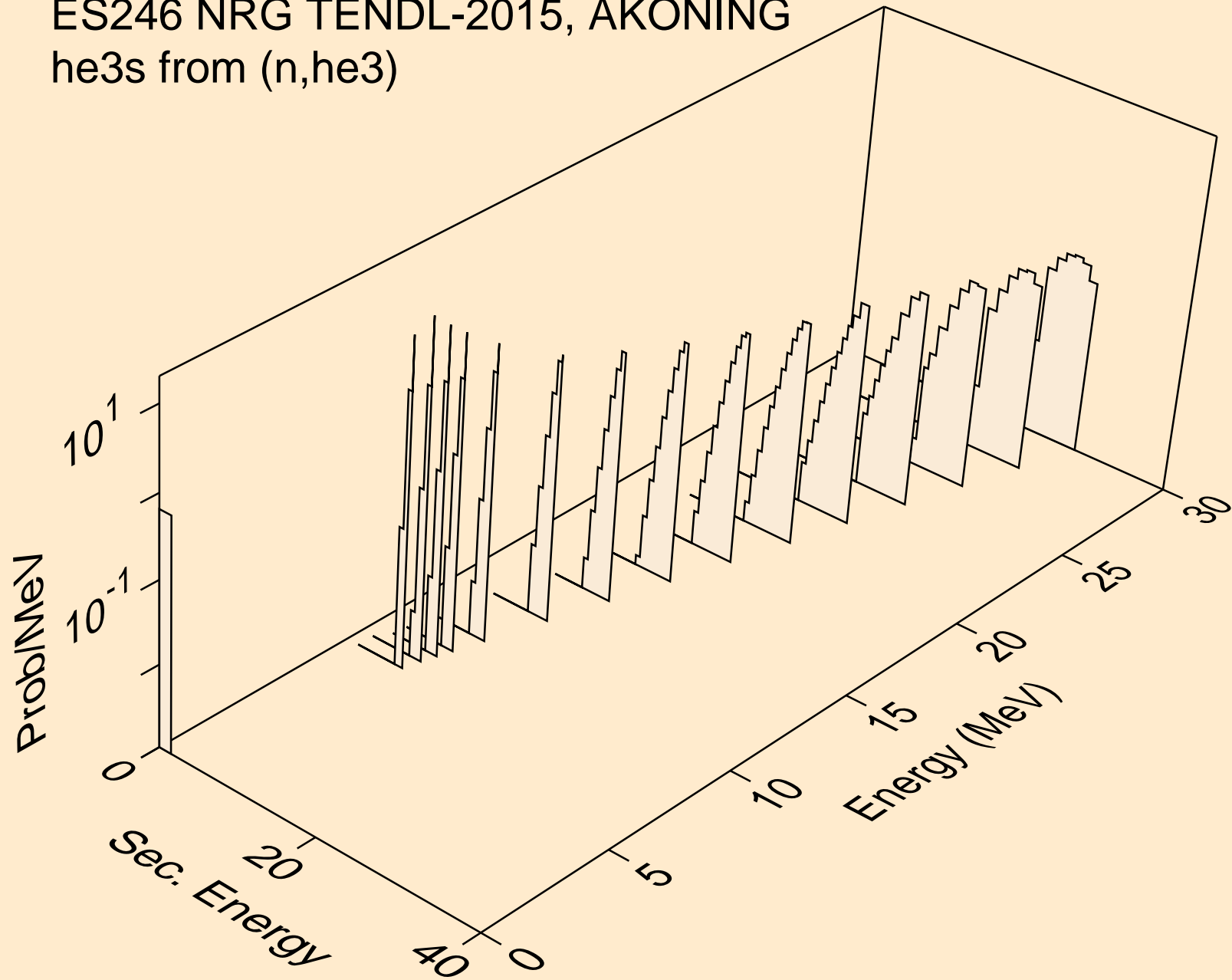
ES246 NRG TENDL-2015, AKONING  
he3s from (n,x)



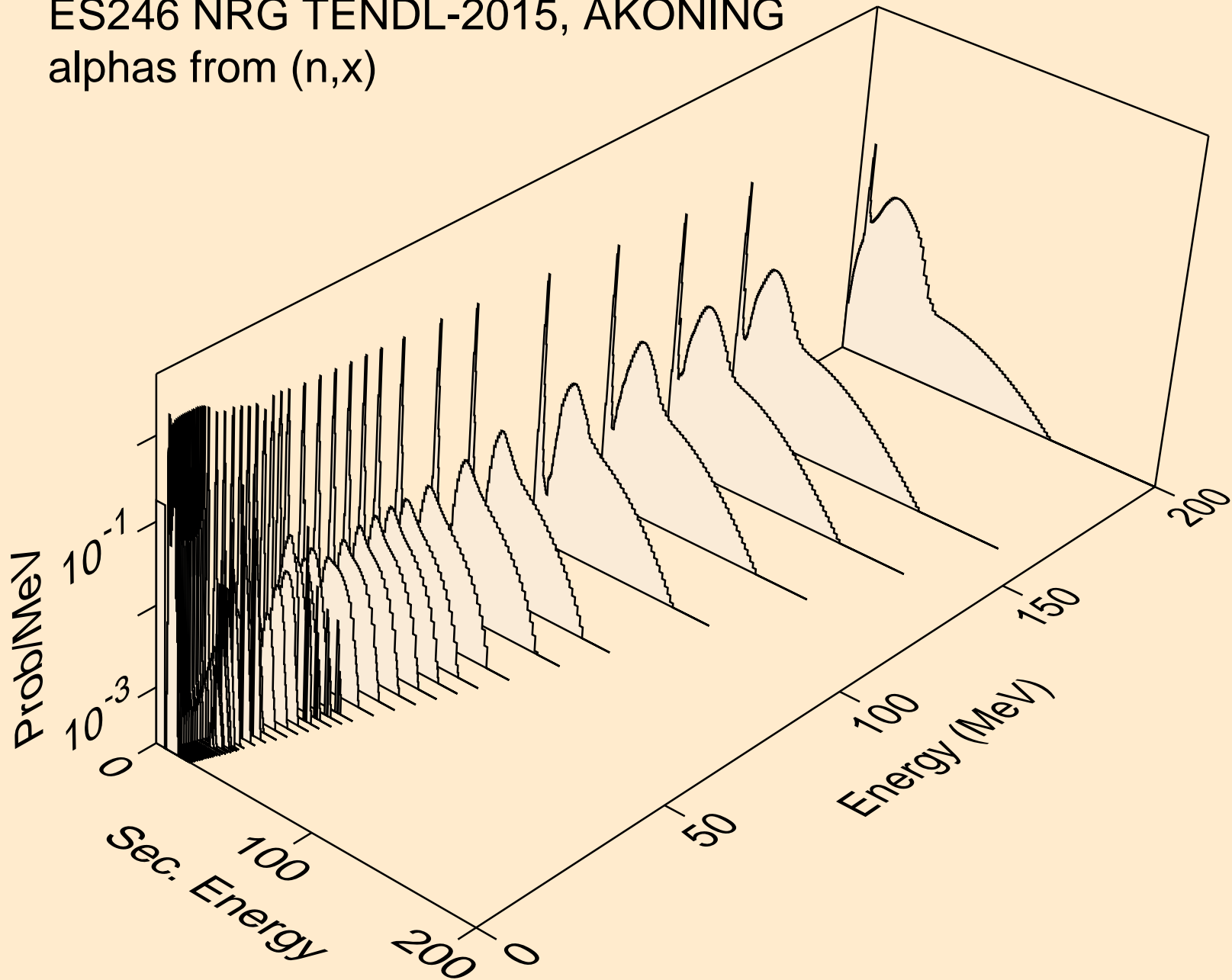
ES246 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



ES246 NRG TENDL-2015, AKONING  
he3s from (n,he3)

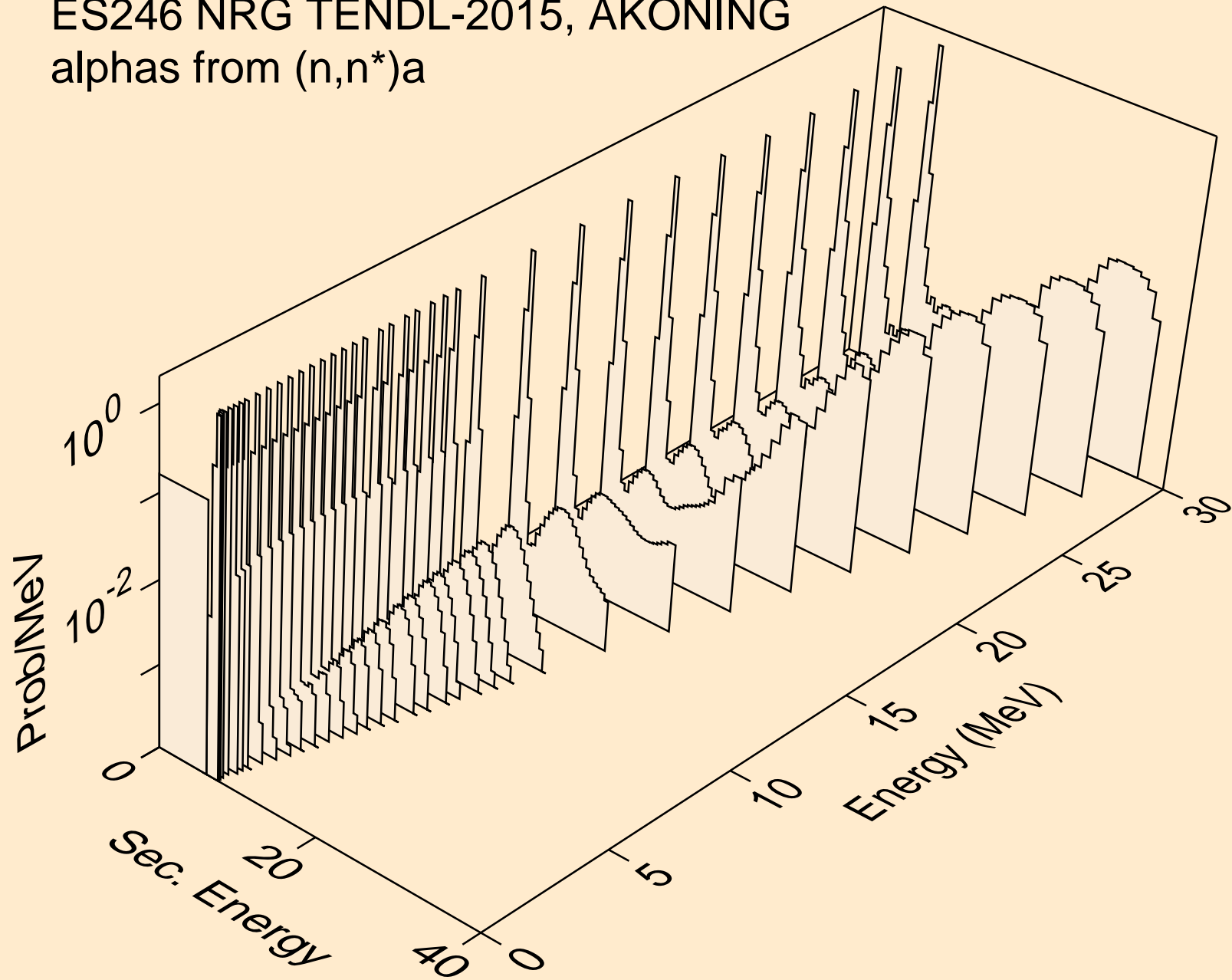


ES246 NRG TENDL-2015, AKONING  
alphas from (n,x)

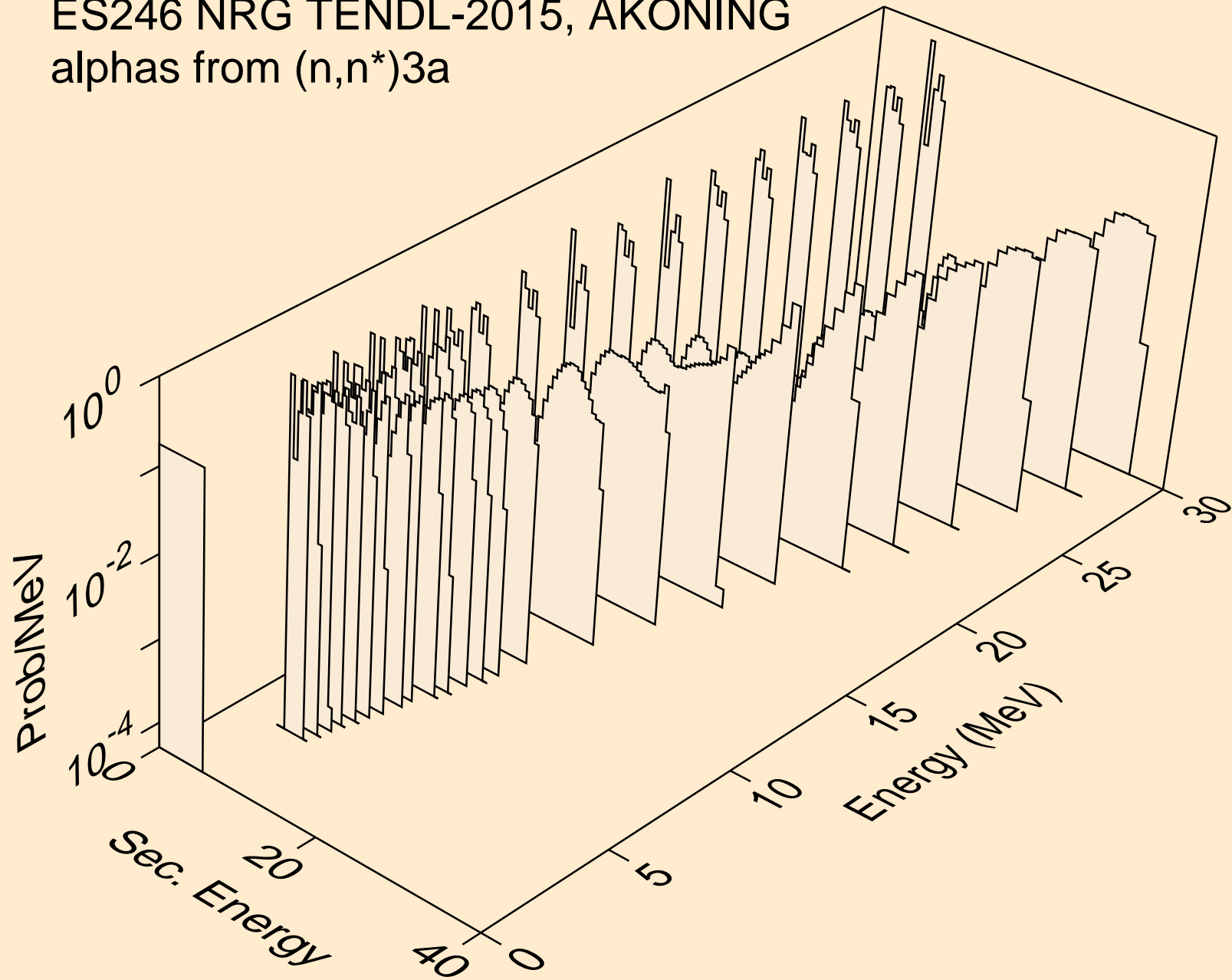




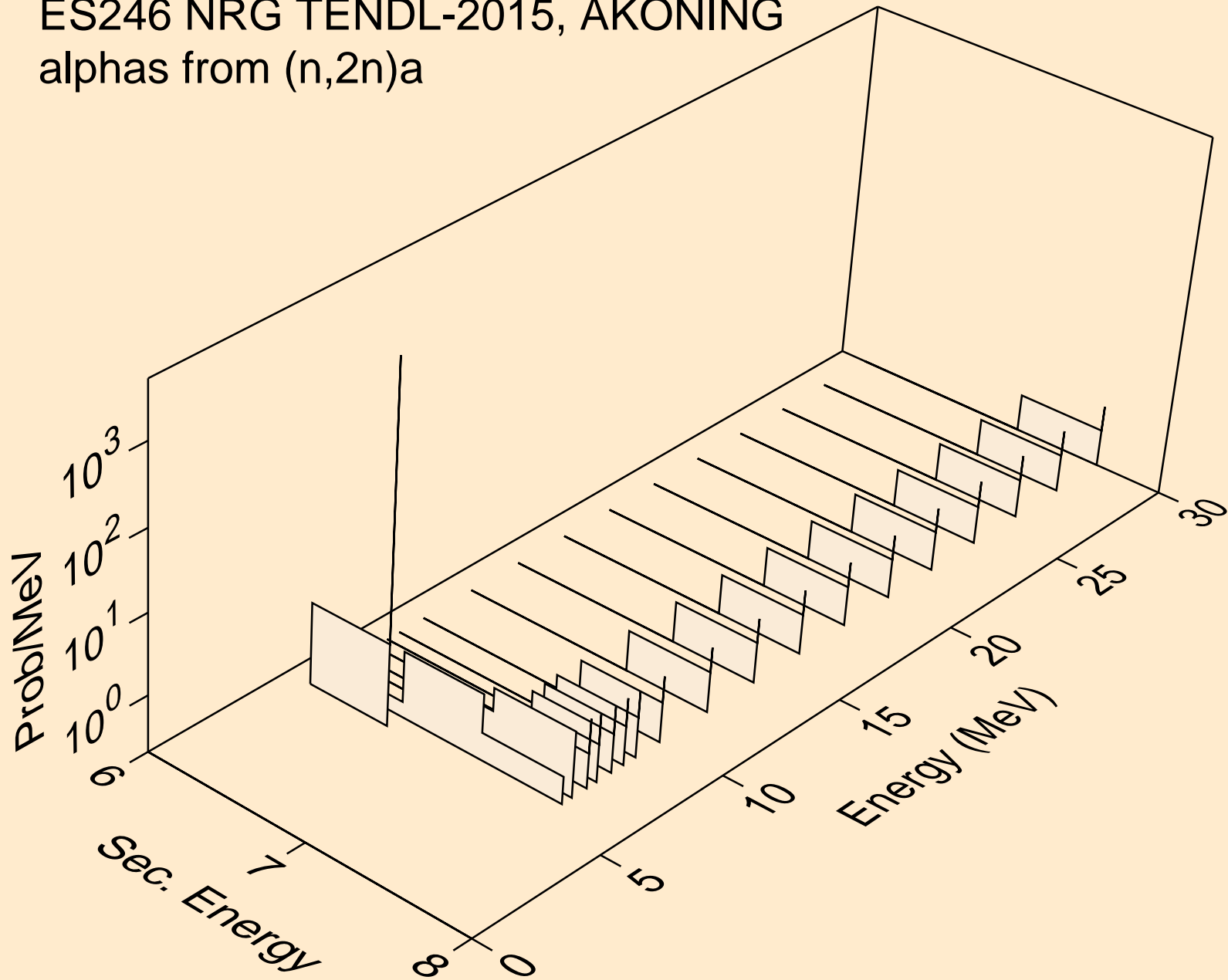
ES246 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



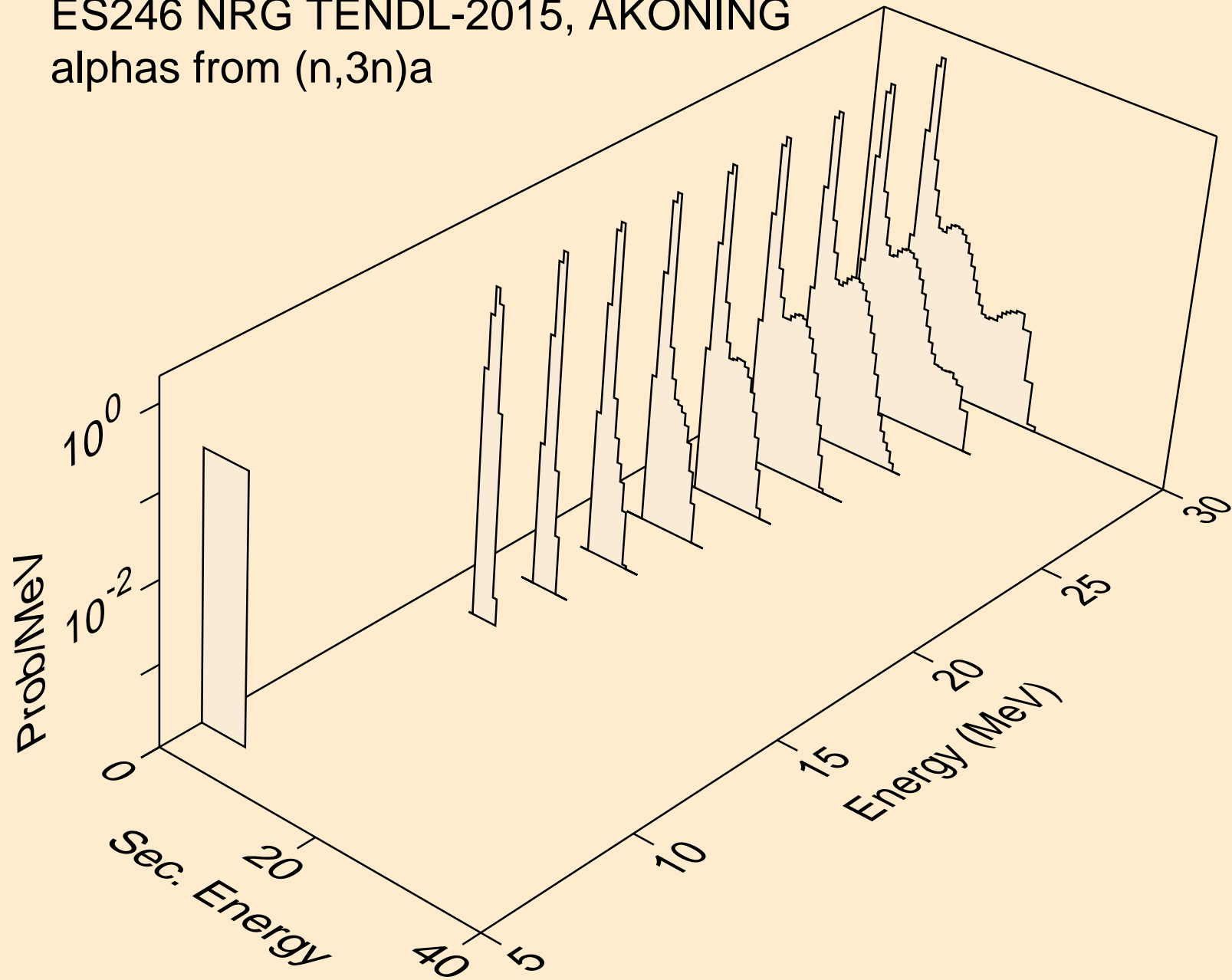
ES246 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a



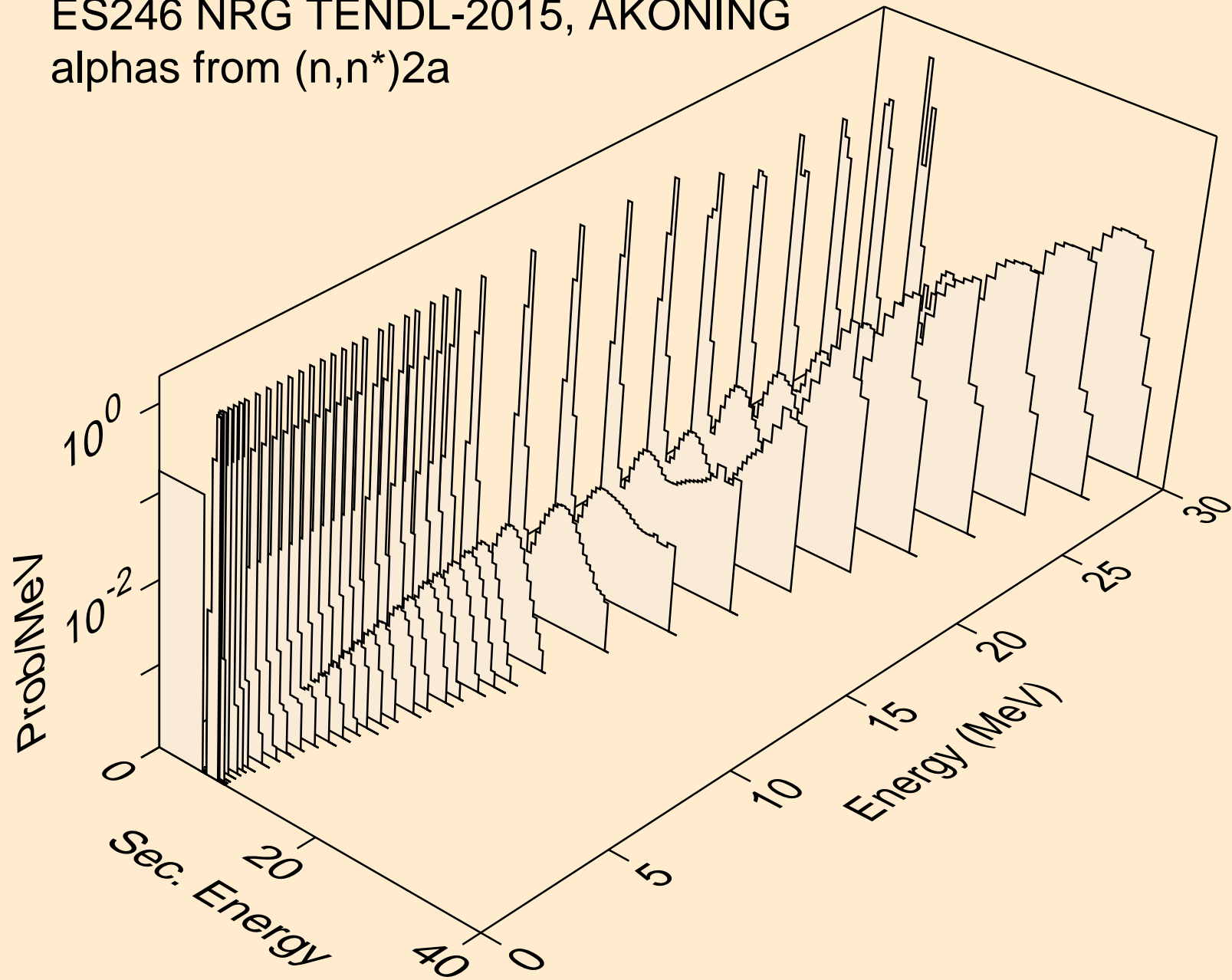
ES246 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



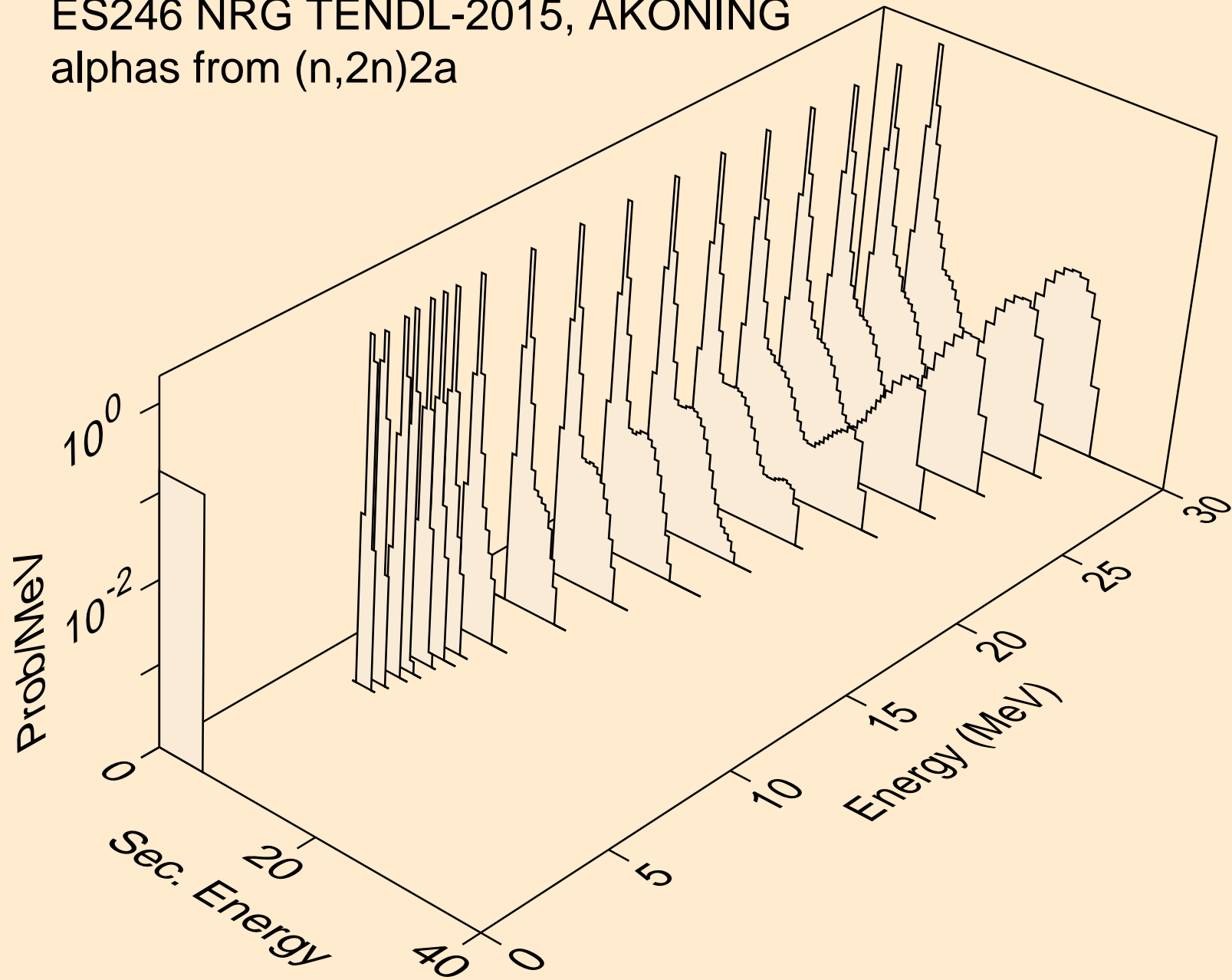
ES246 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



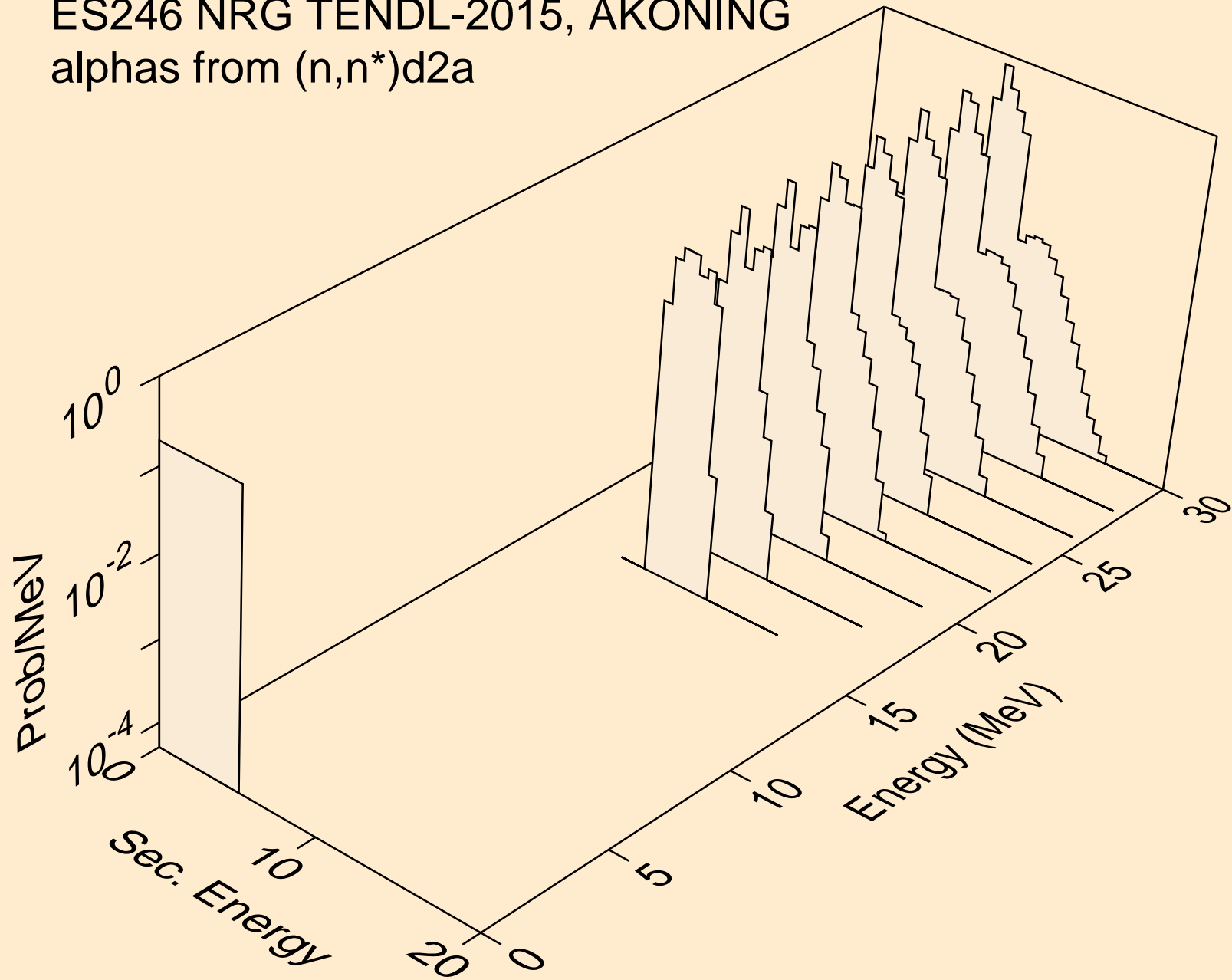
ES246 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



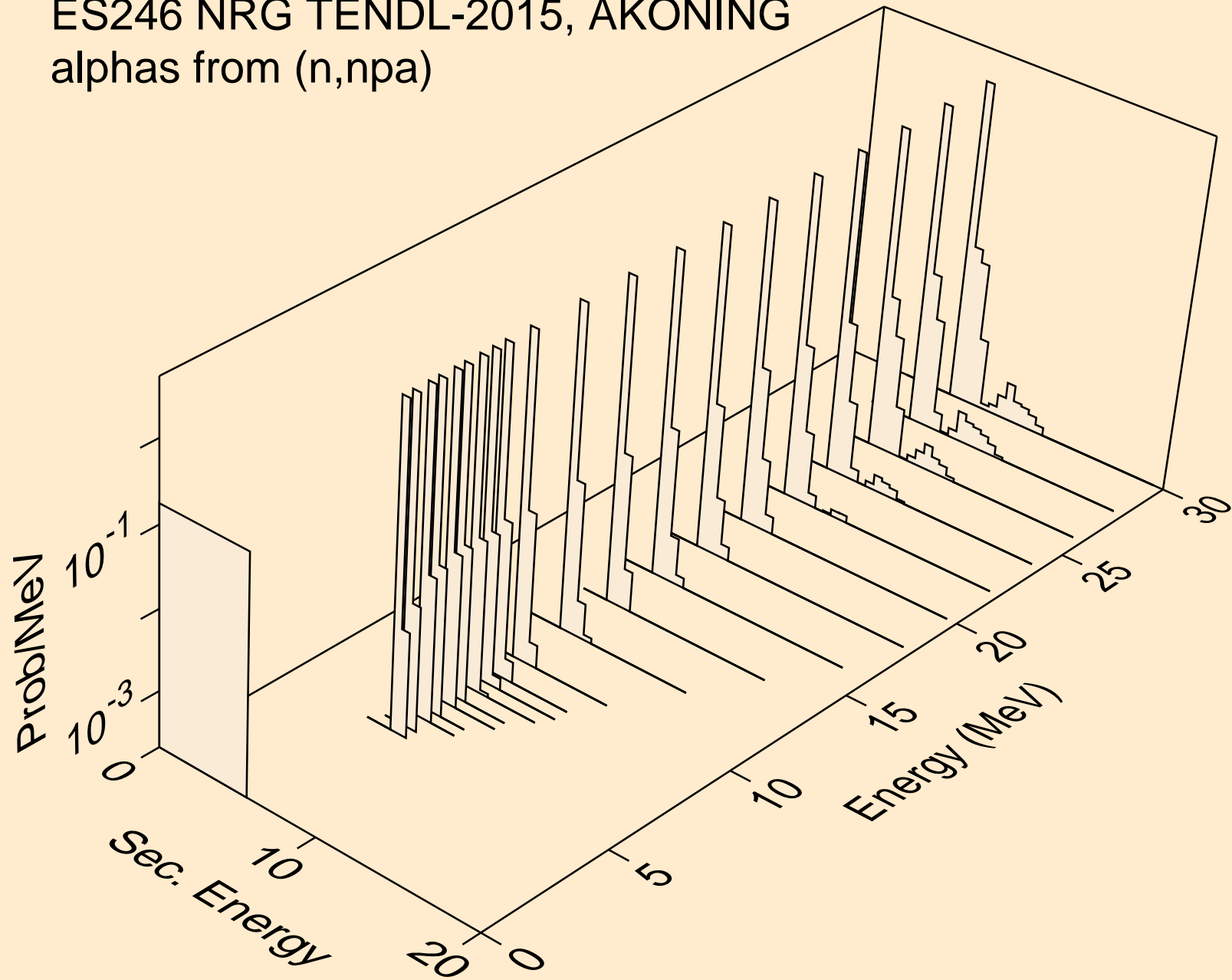
ES246 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



ES246 NRG TENDL-2015, AKONING  
alphas from (n,n\*)d2a

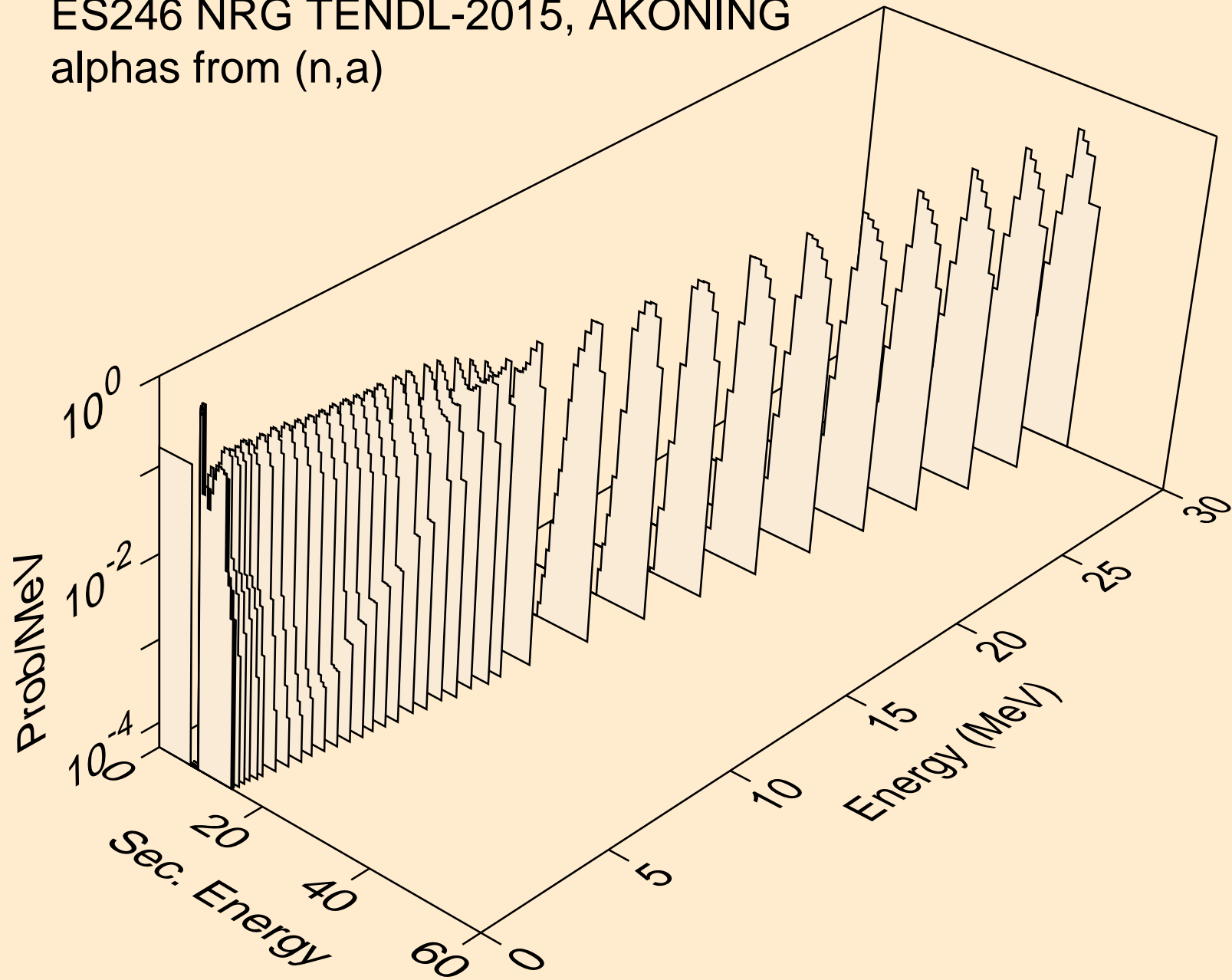


ES246 NRG TENDL-2015, AKONING  
alphas from (n,npa)

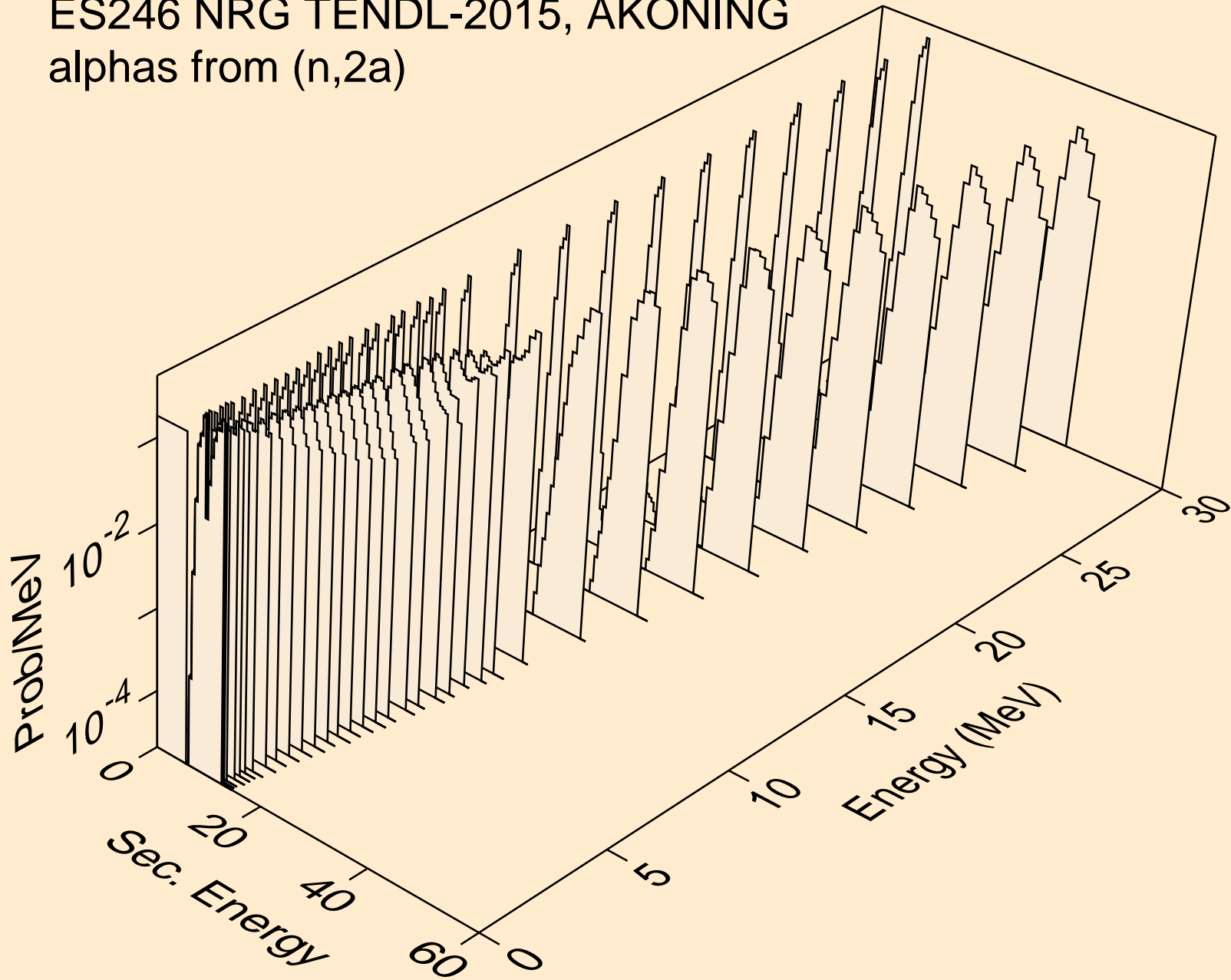




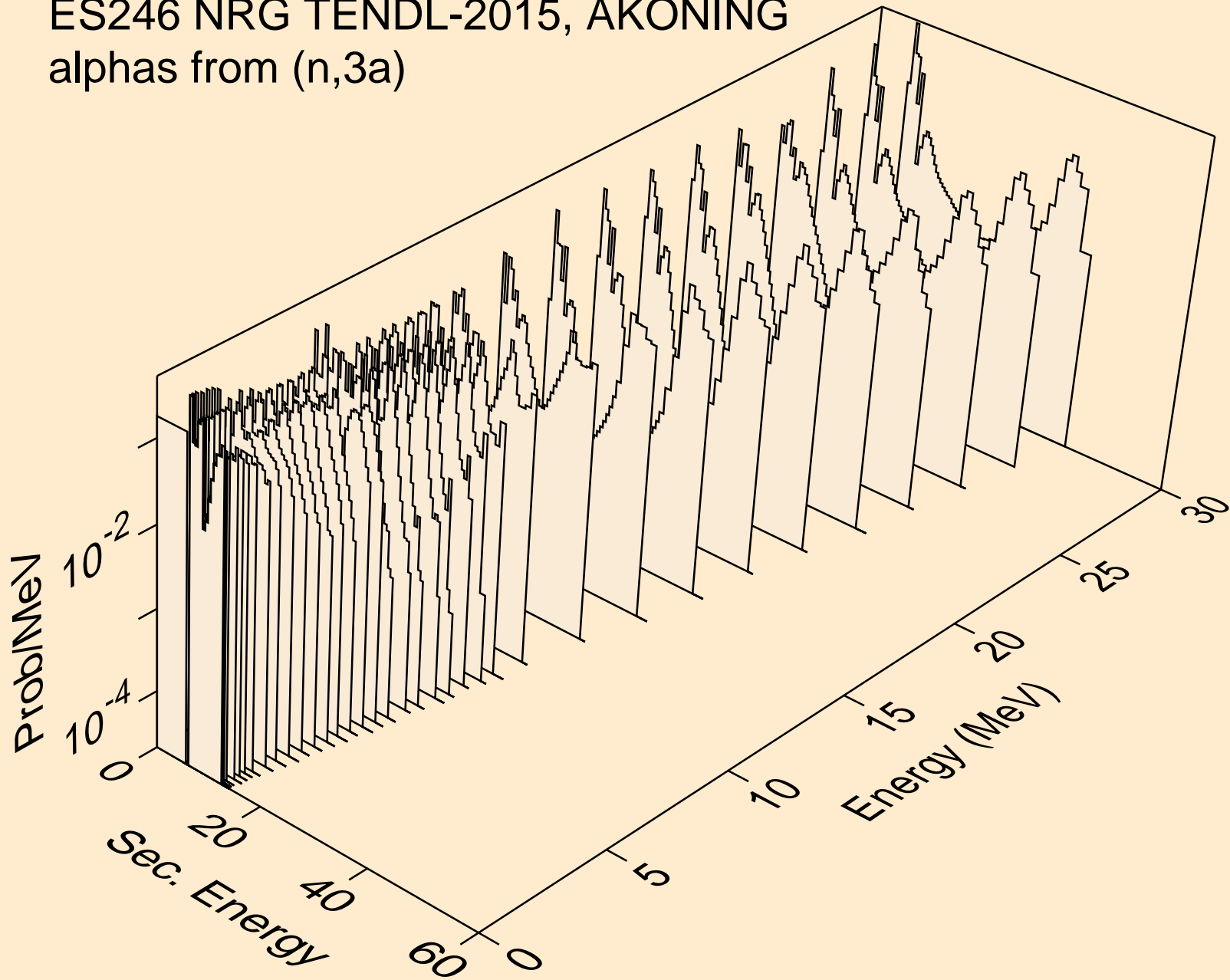
ES246 NRG TENDL-2015, AKONING  
alphas from (n,a)



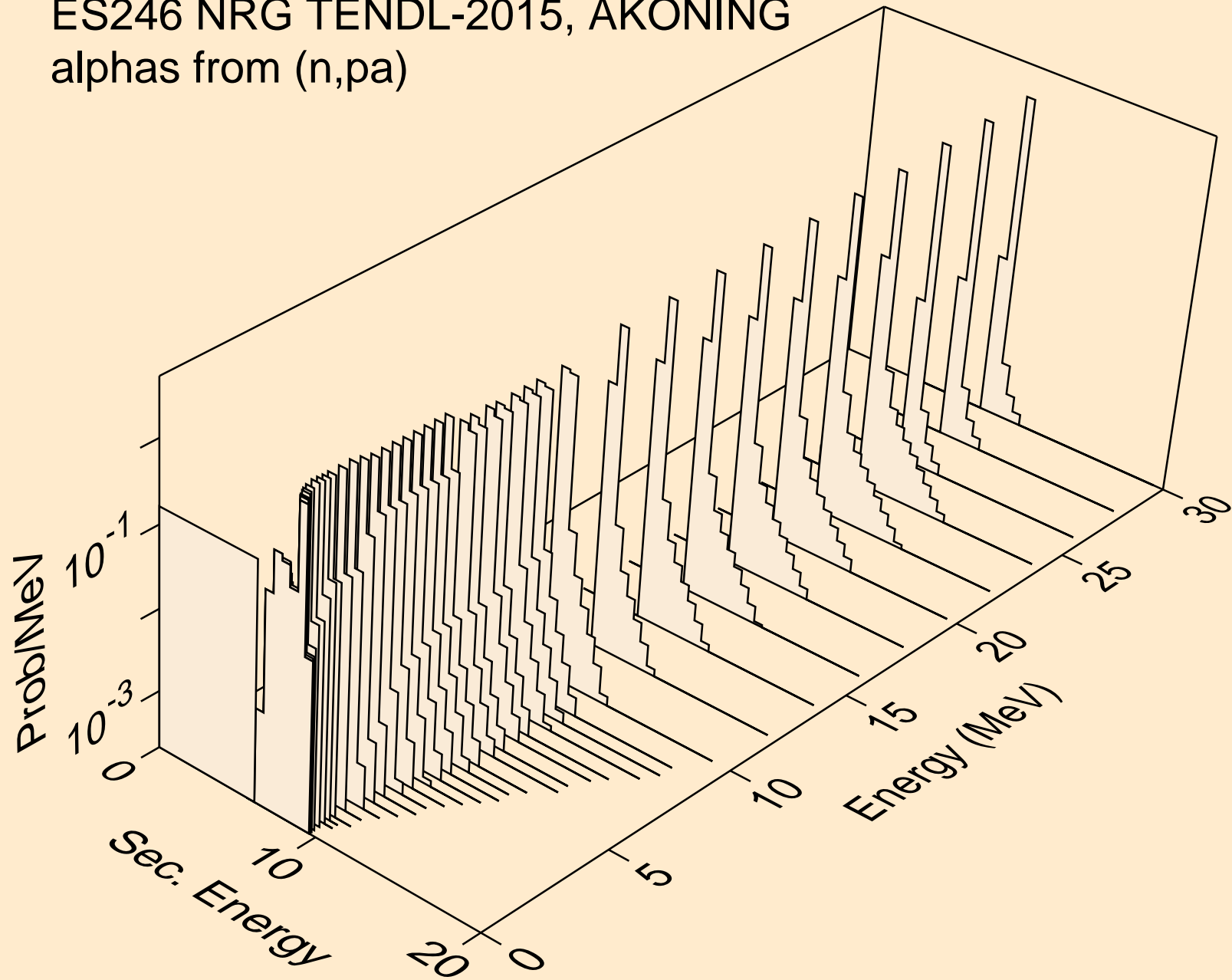
ES246 NRG TENDL-2015, AKONING  
alphas from (n,2a)



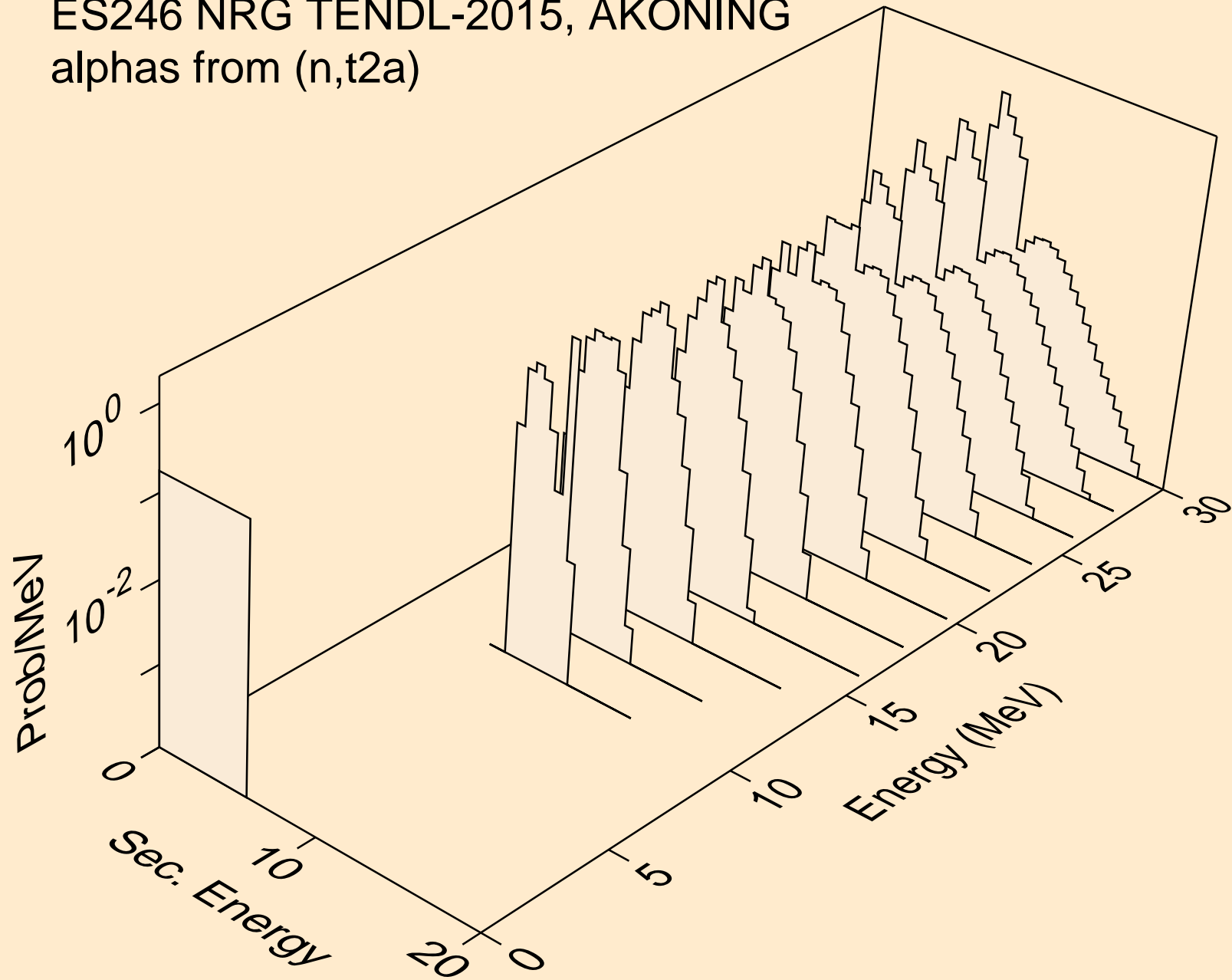
ES246 NRG TENDL-2015, AKONING  
alphas from (n,3a)



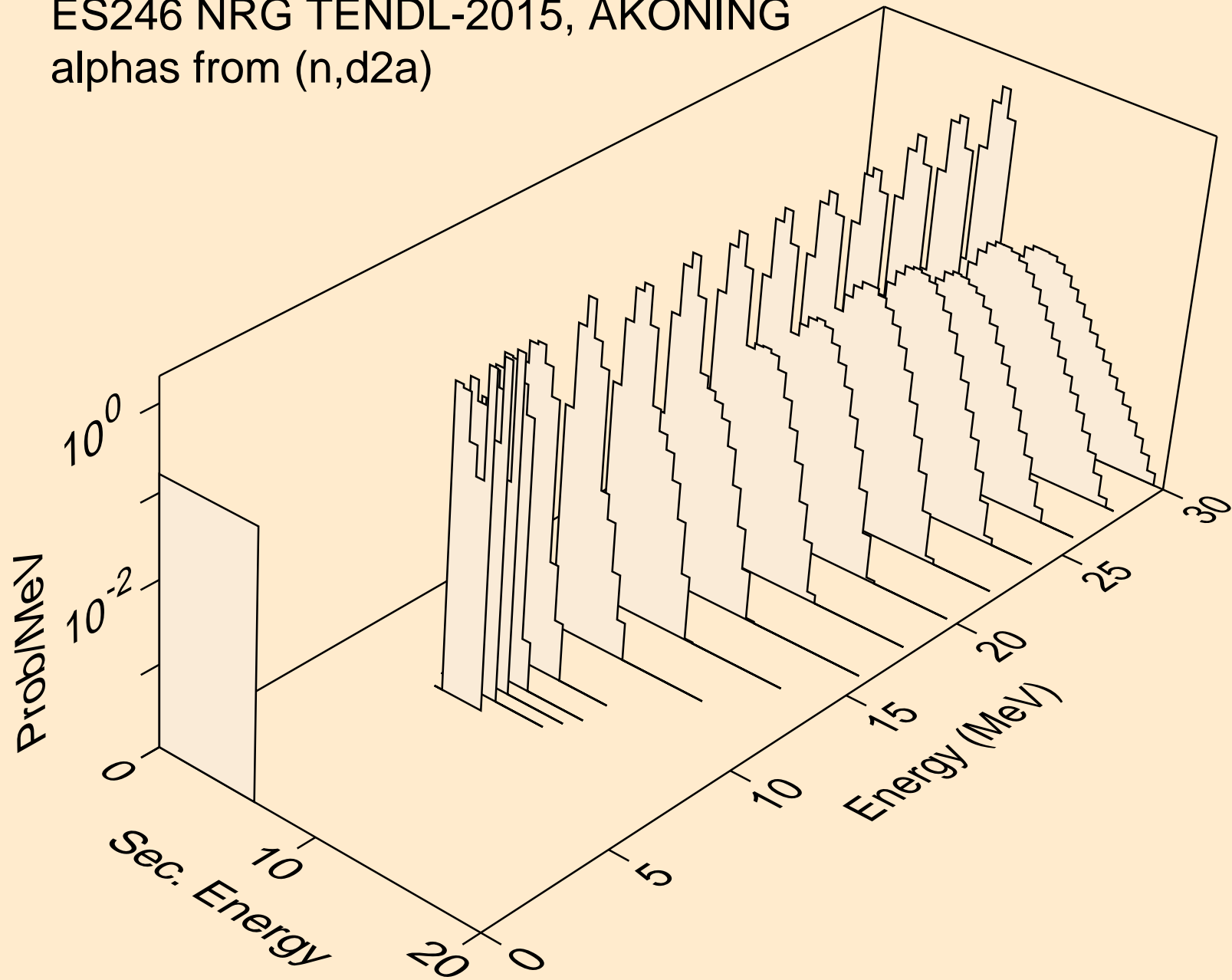
ES246 NRG TENDL-2015, AKONING  
alphas from (n,pa)



ES246 NRG TENDL-2015, AKONING  
alphas from (n,t2a)



ES246 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



ES246 NRG TENDL-2015, AKONING  
alphas from (n,da)

