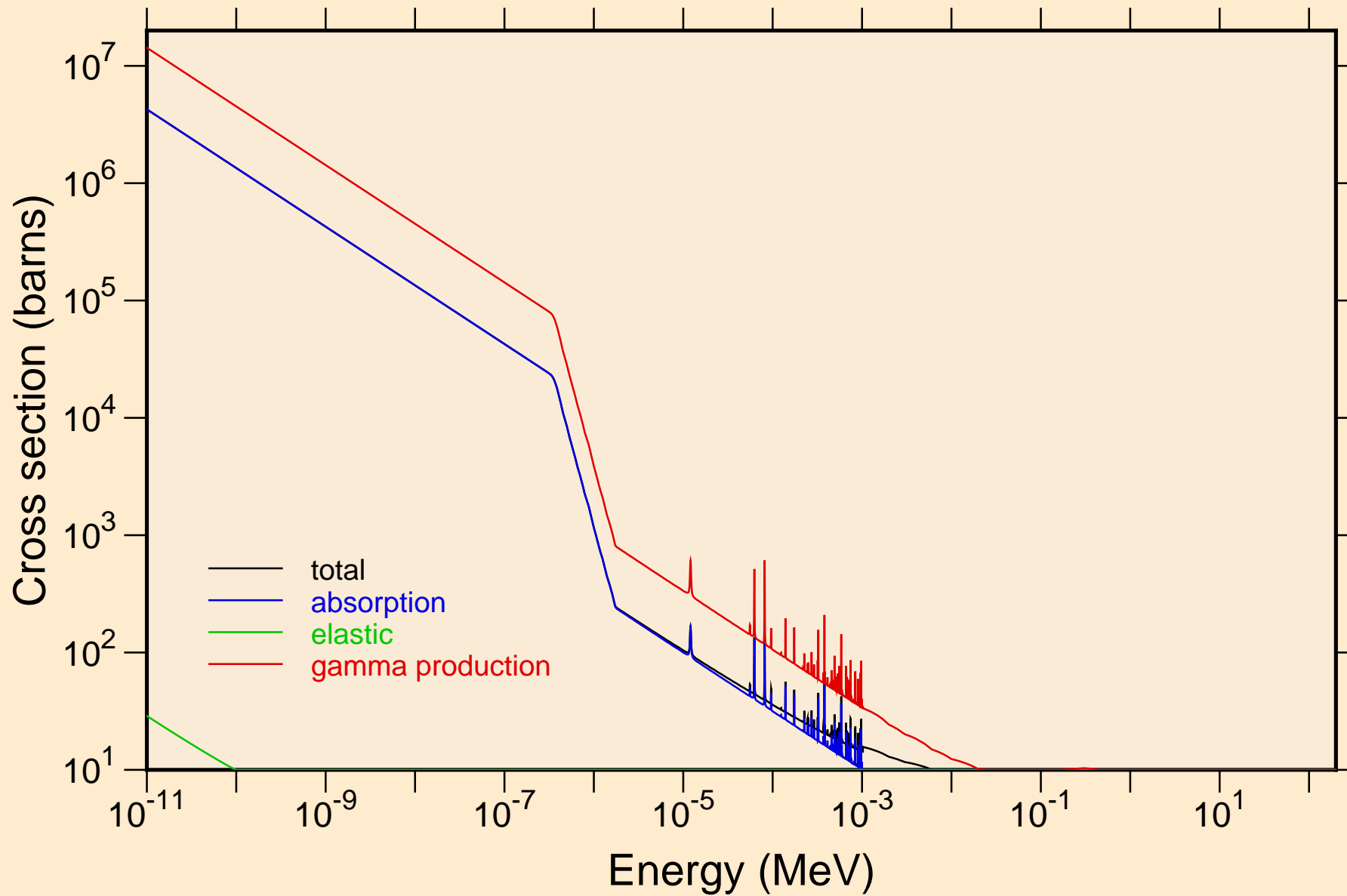
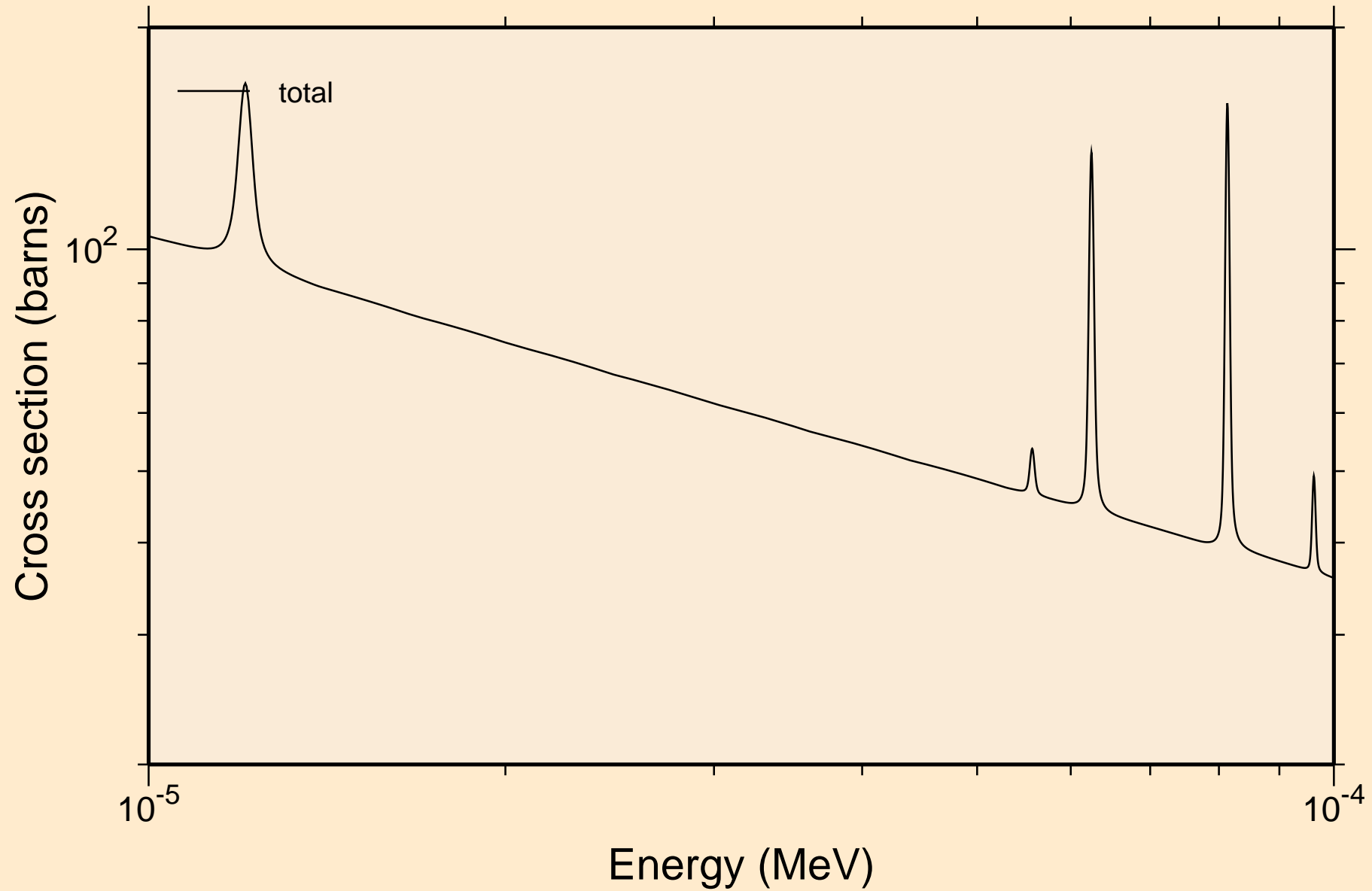


# Y080 NRG TENDL-2015, AKONING

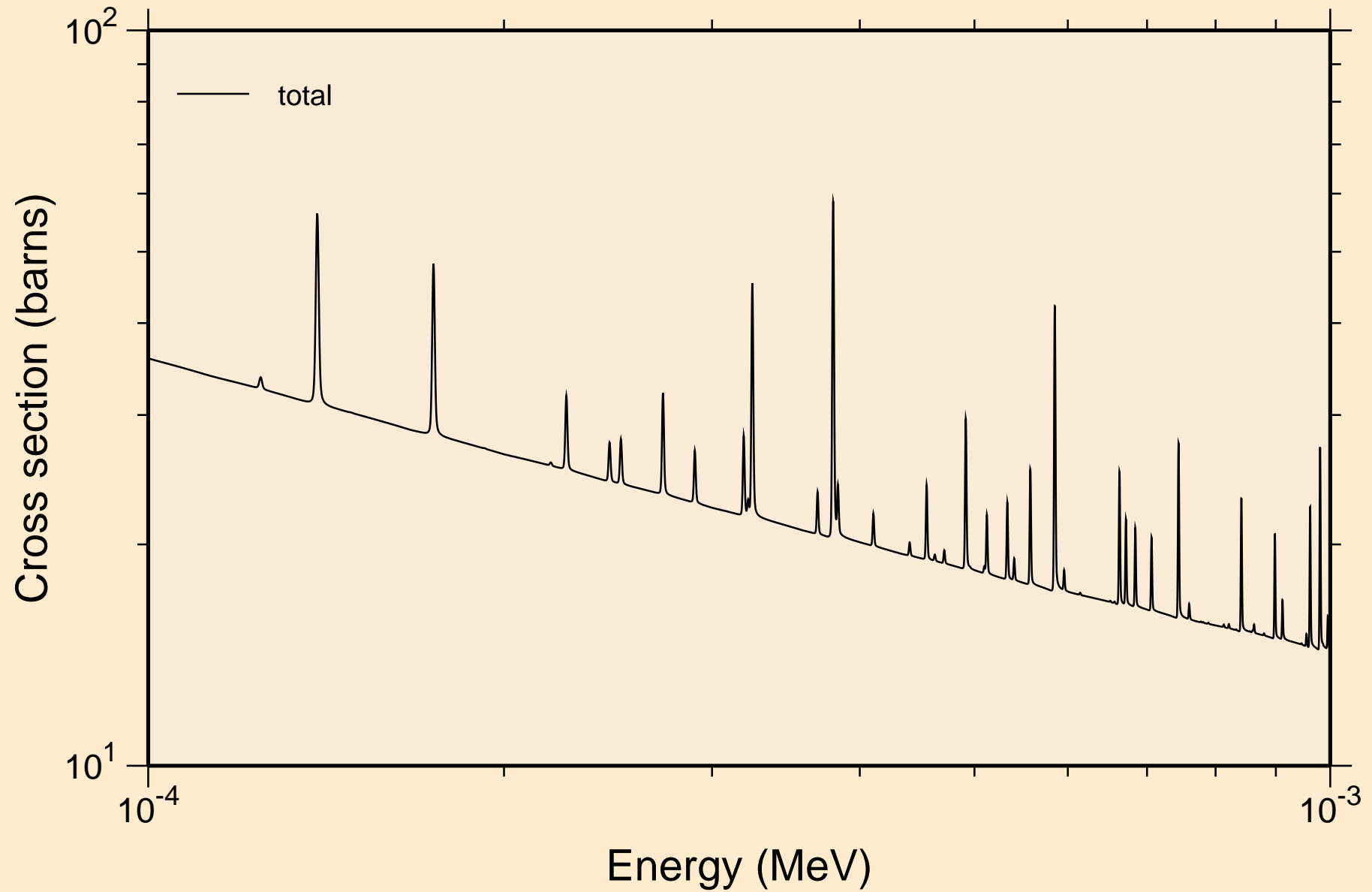
## Principal cross sections



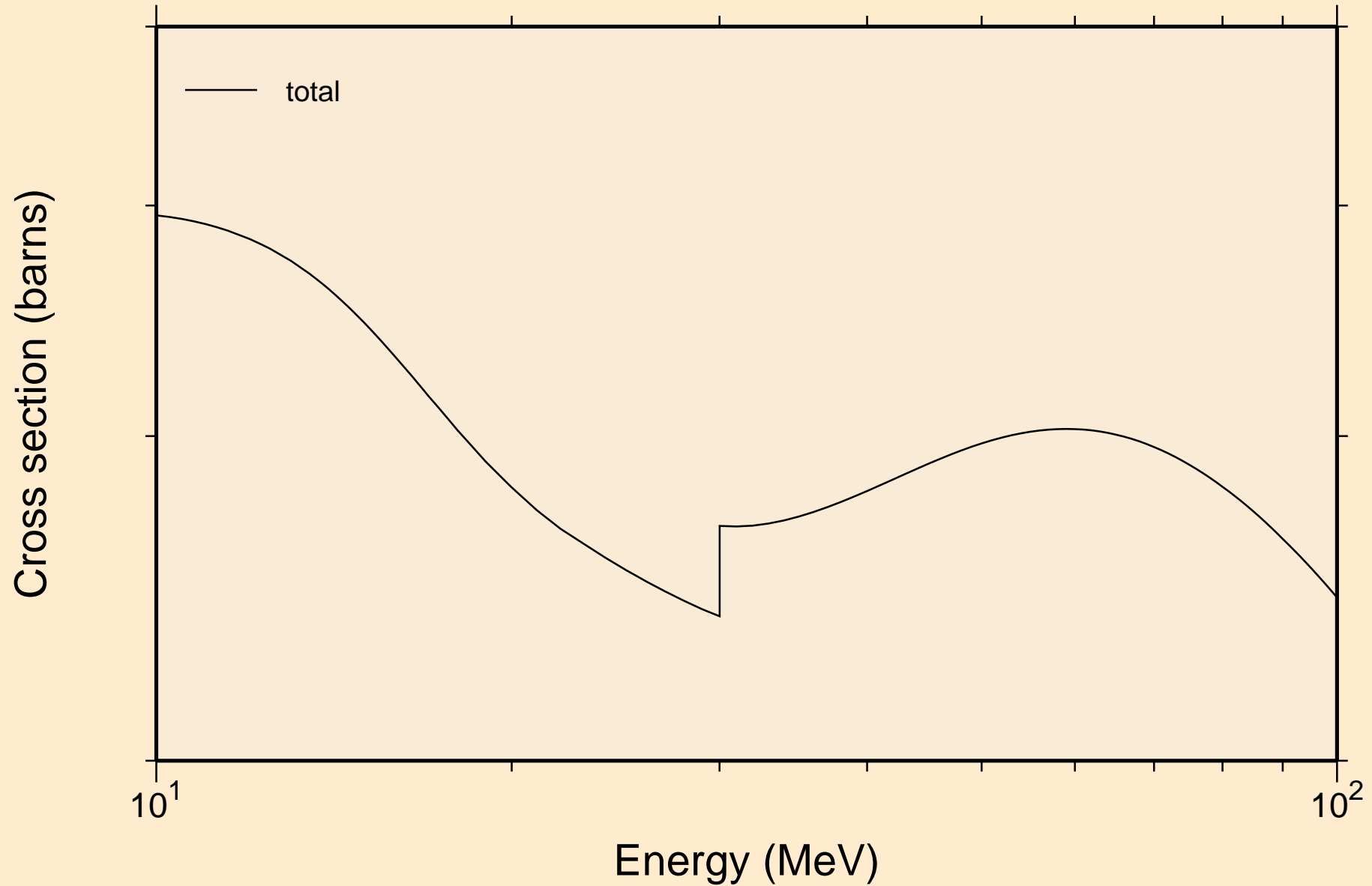
Y080 NRG TENDL-2015, AKONING  
resonance total cross section



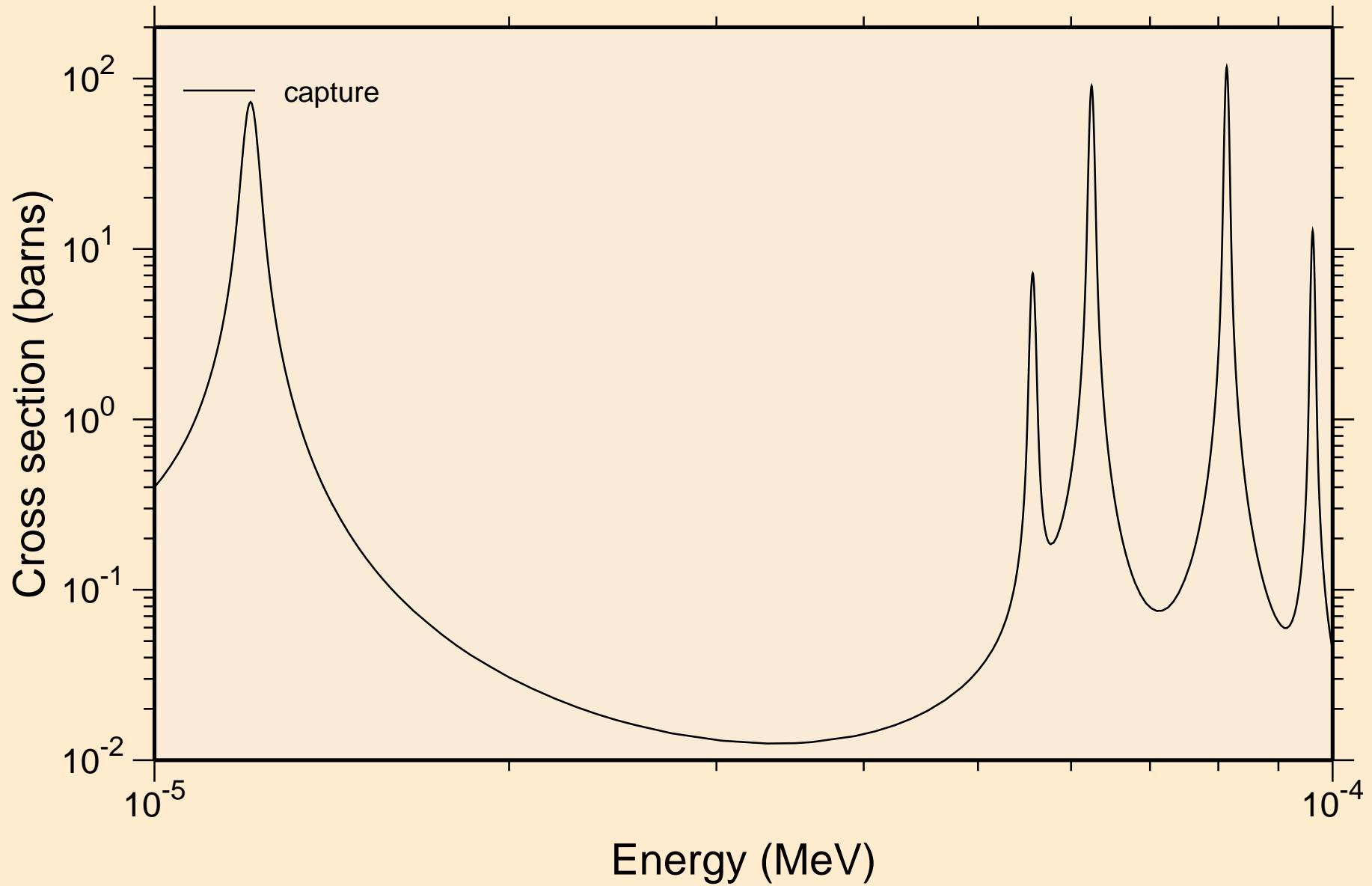
Y080 NRG TENDL-2015, AKONING  
resonance total cross section



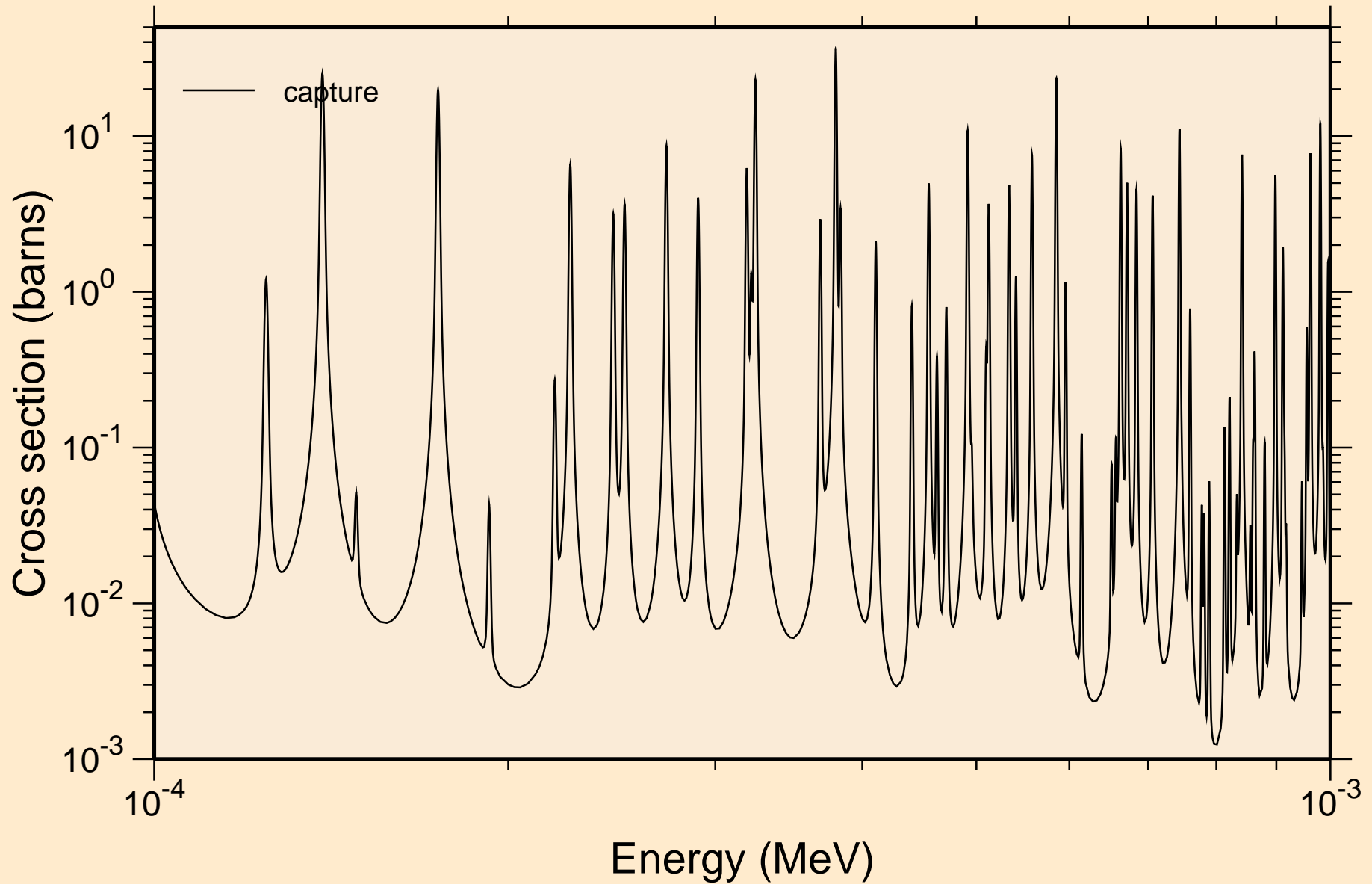
Y080 NRG TENDL-2015, AKONING  
resonance total cross section



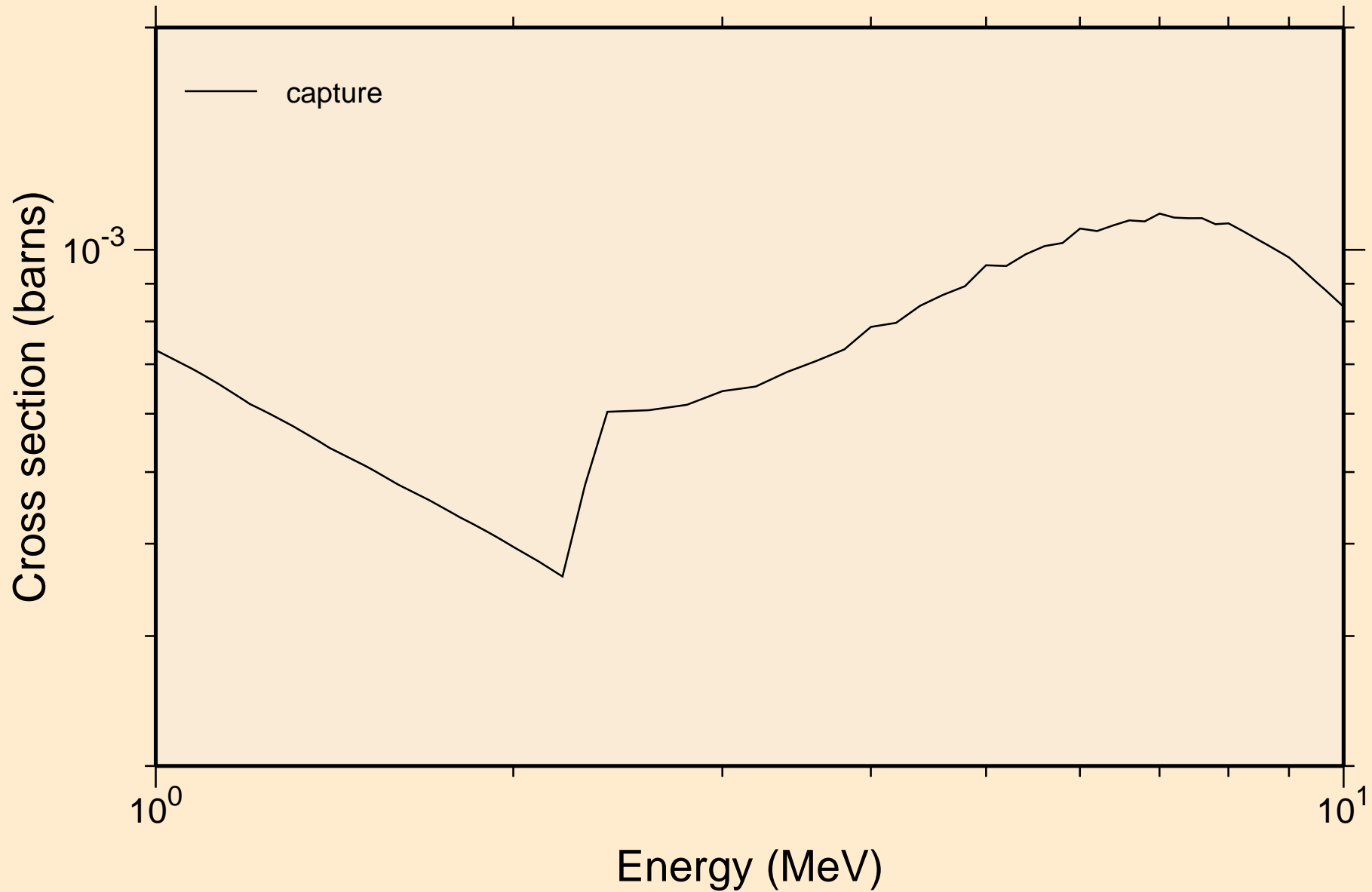
Y080 NRG TENDL-2015, AKONING  
resonance absorption cross sections



Y080 NRG TENDL-2015, AKONING  
resonance absorption cross sections

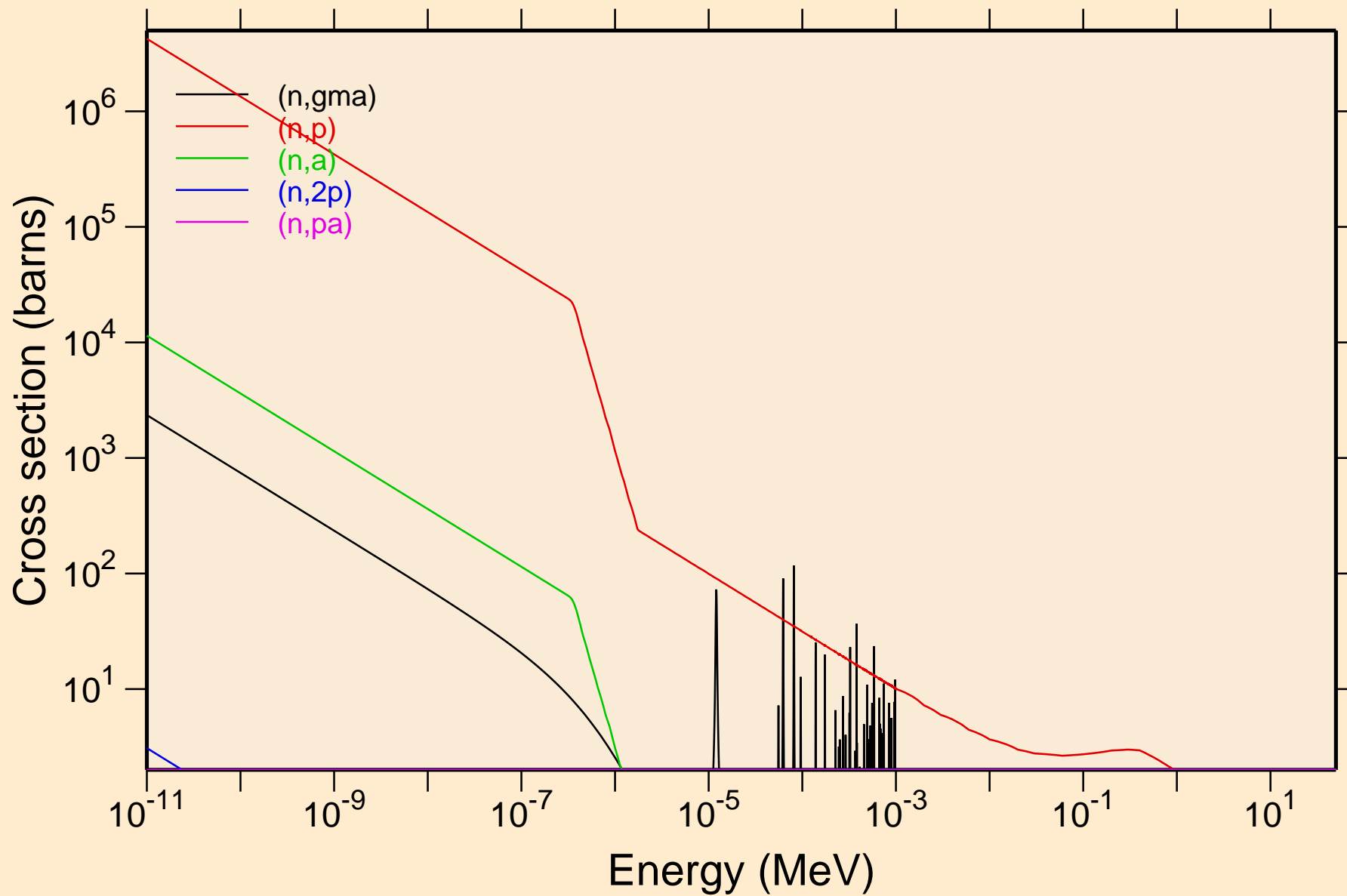


Y080 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# Y080 NRG TENDL-2015, AKONING

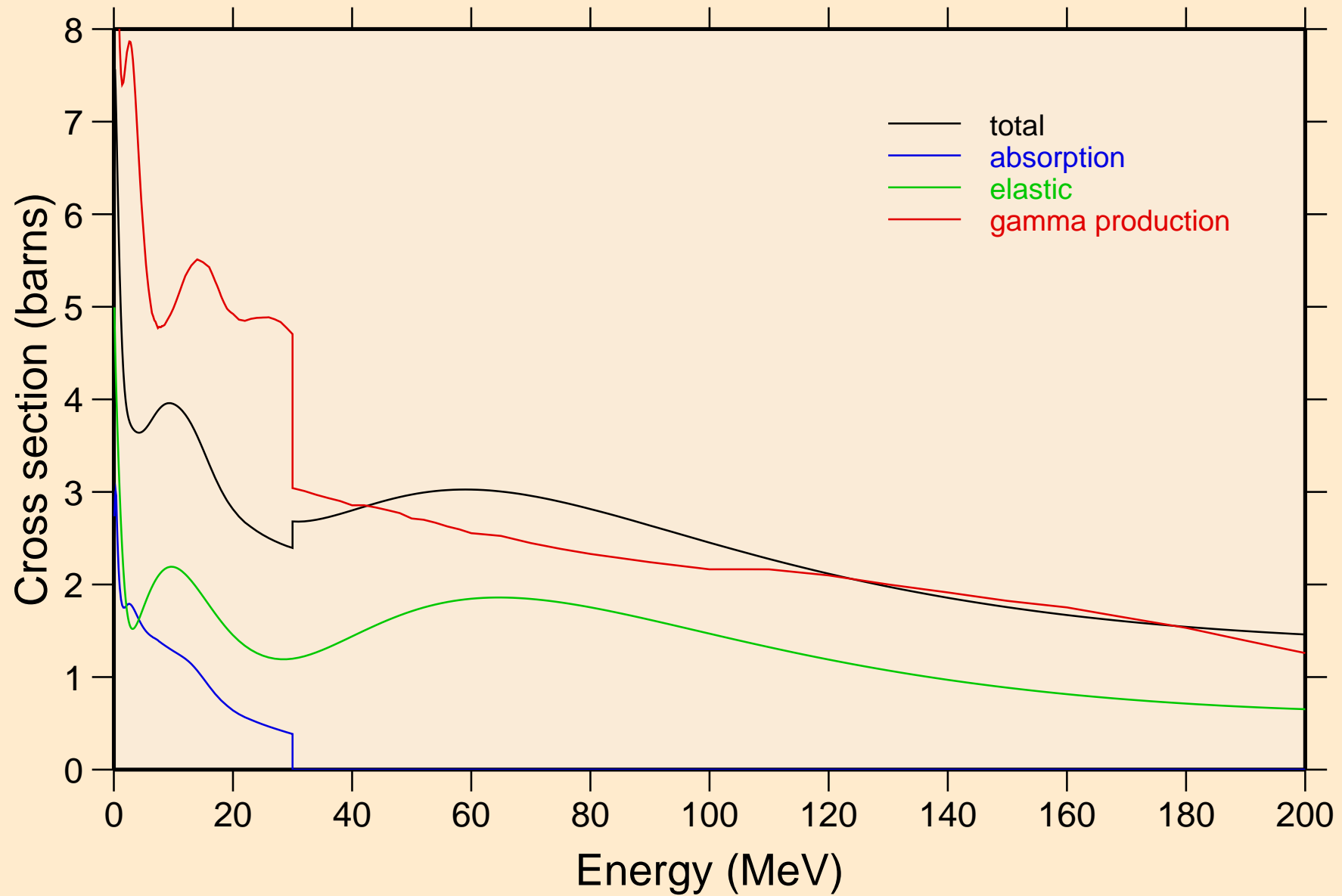
## Non-threshold reactions





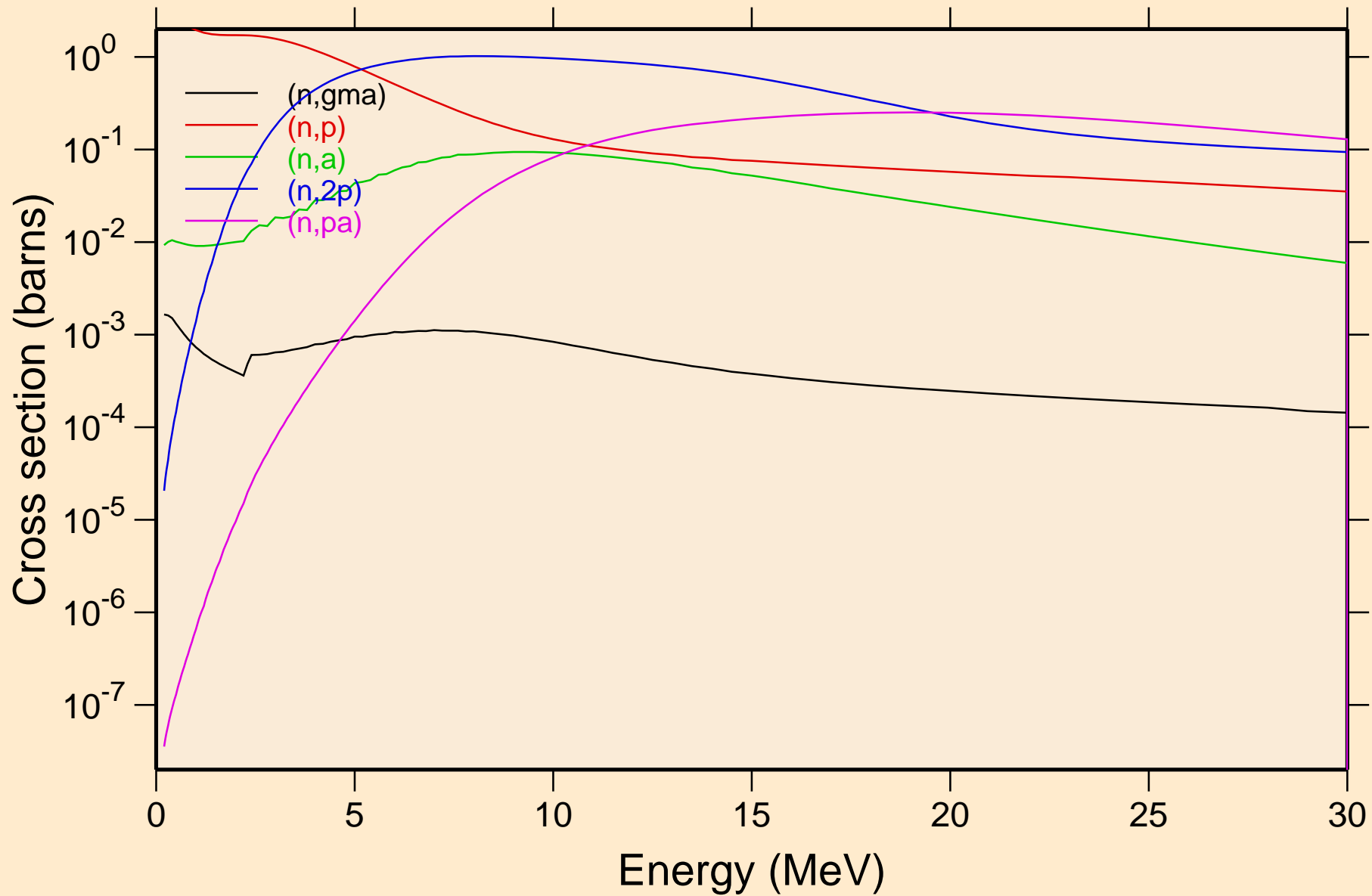
# Y080 NRG TENDL-2015, AKONING

## Principal cross sections



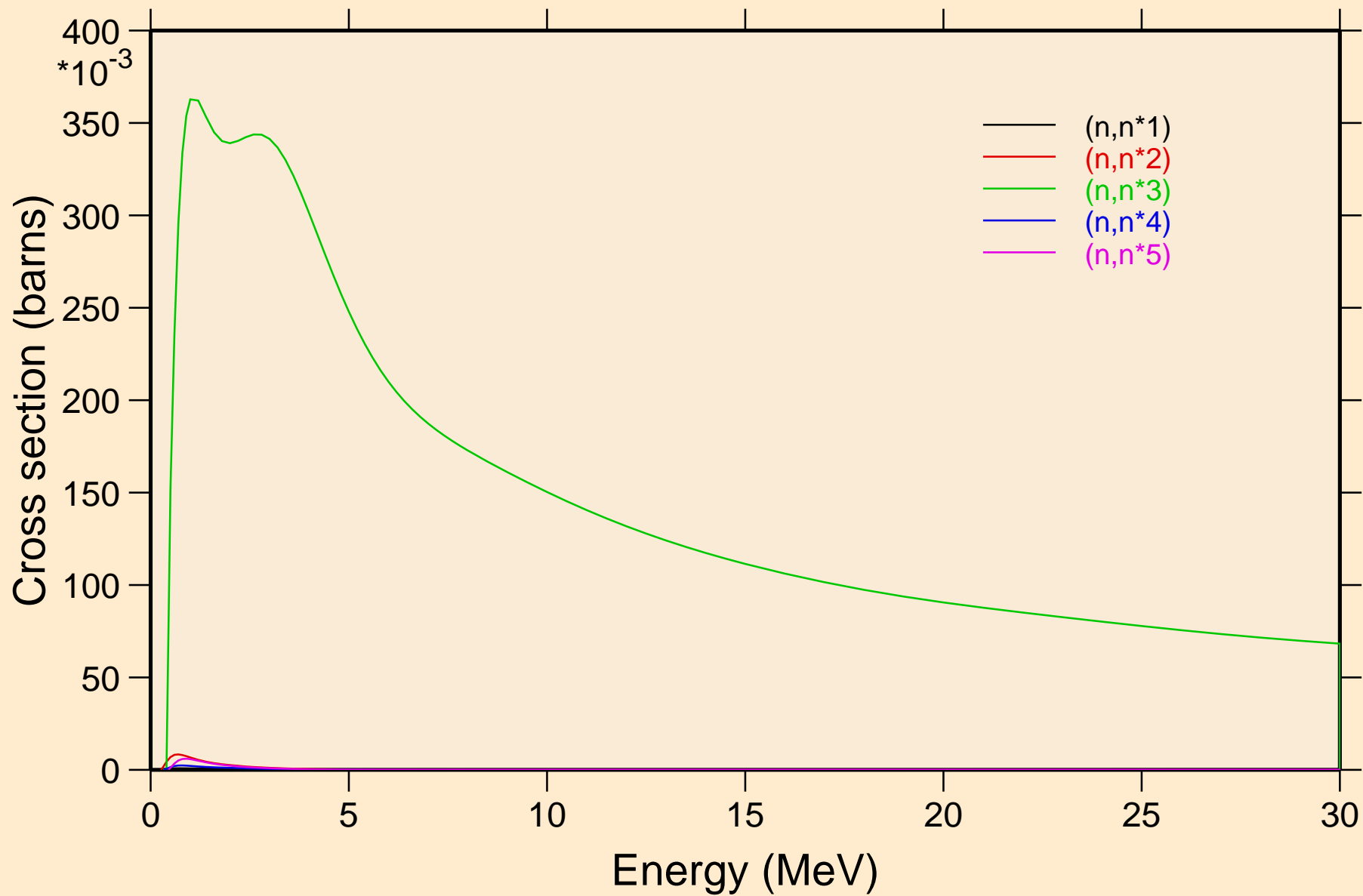
# Y080 NRG TENDL-2015, AKONING

## Non-threshold reactions



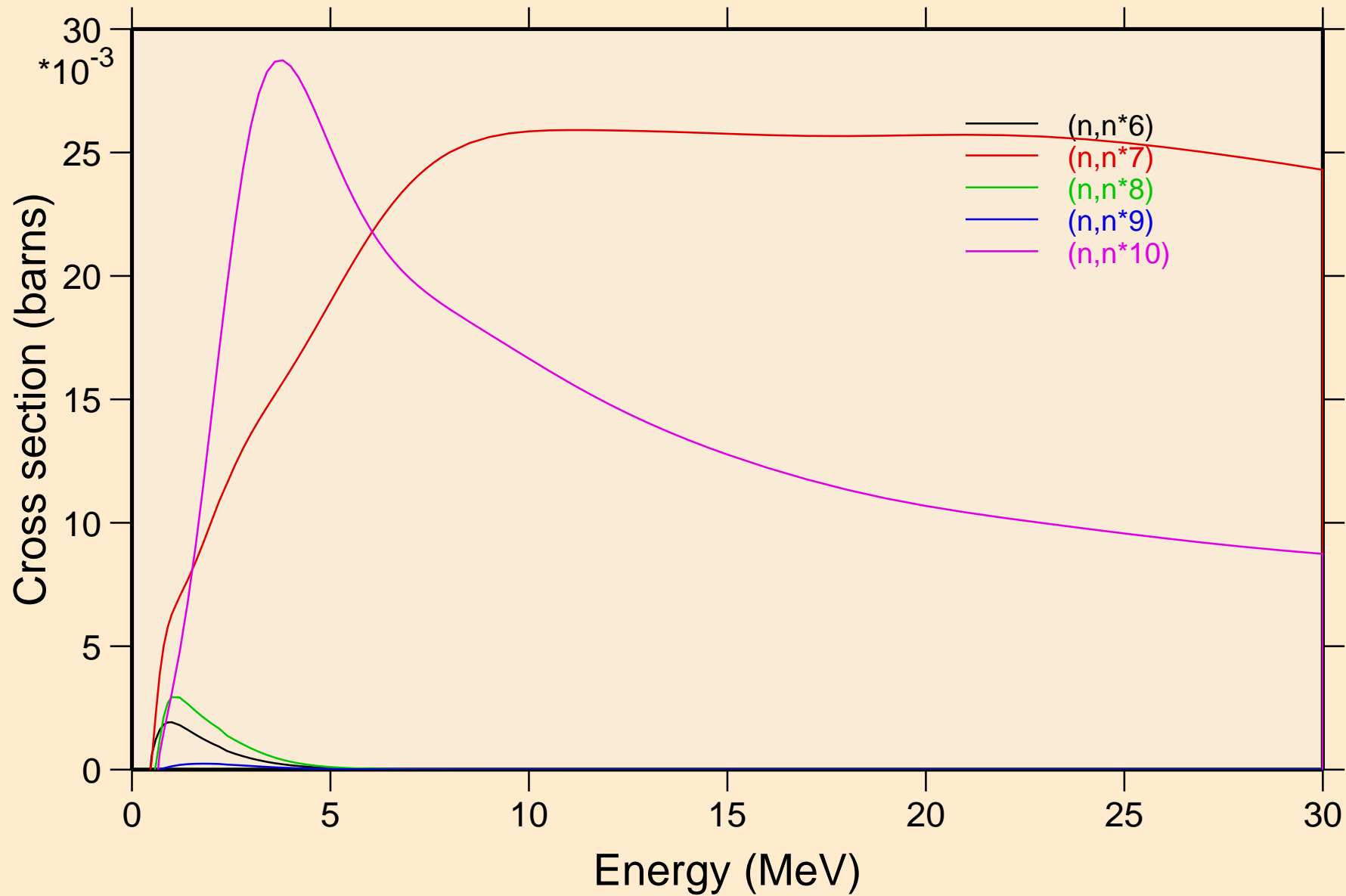
# Y080 NRG TENDL-2015, AKONING

## Inelastic levels



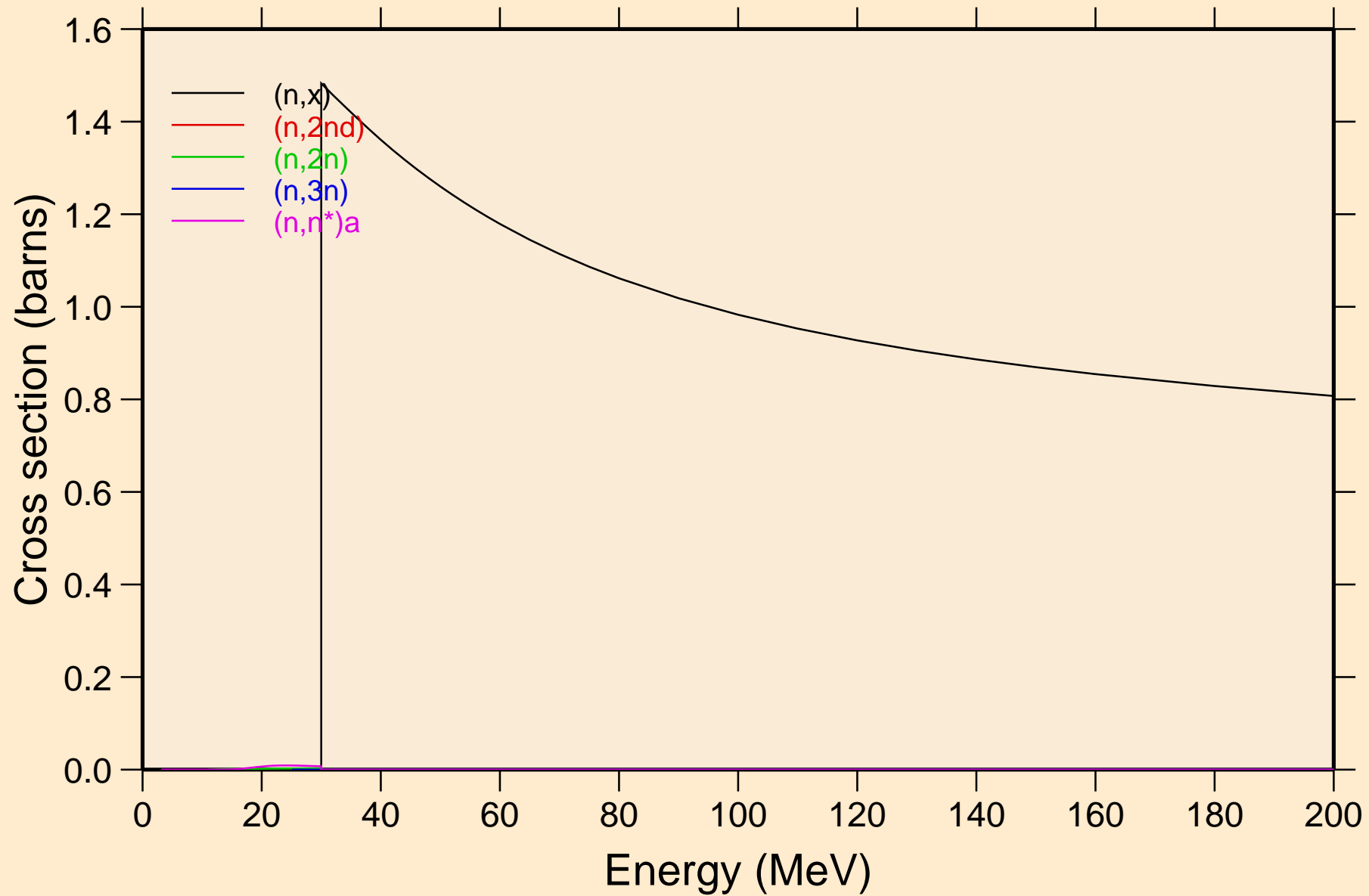
# Y080 NRG TENDL-2015, AKONING

## Inelastic levels



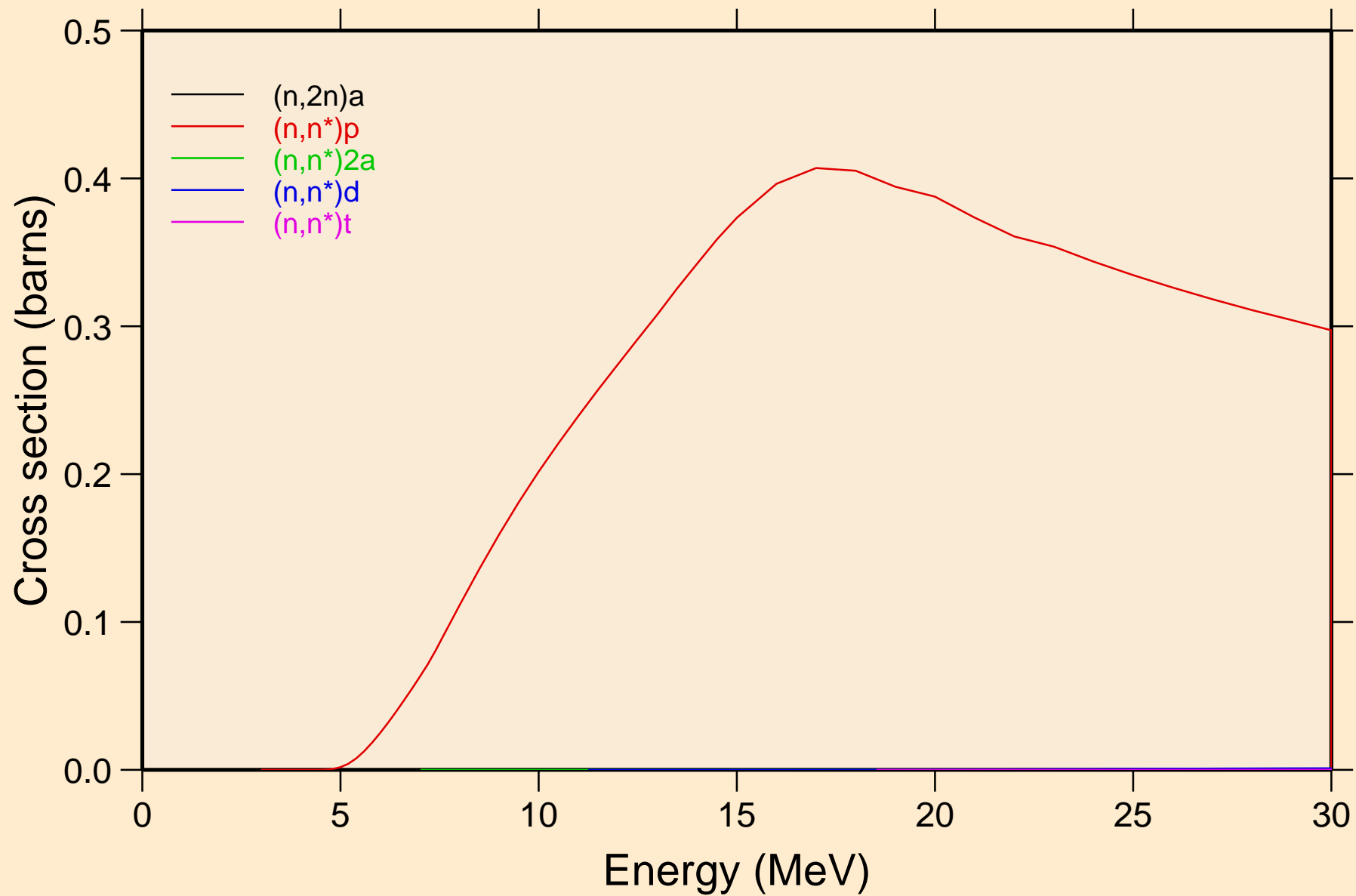
# Y080 NRG TENDL-2015, AKONING

## Threshold reactions



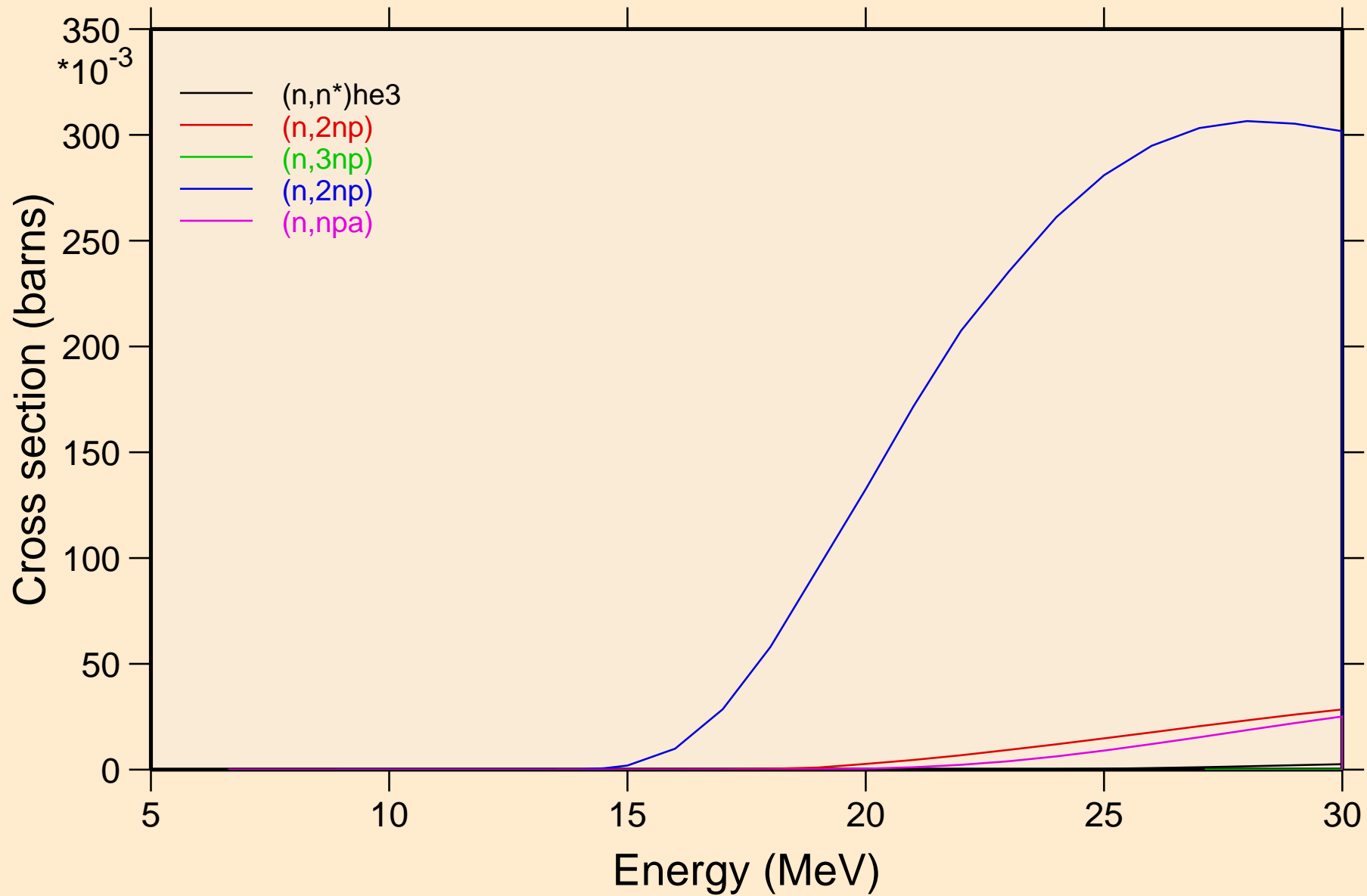
# Y080 NRG TENDL-2015, AKONING

## Threshold reactions



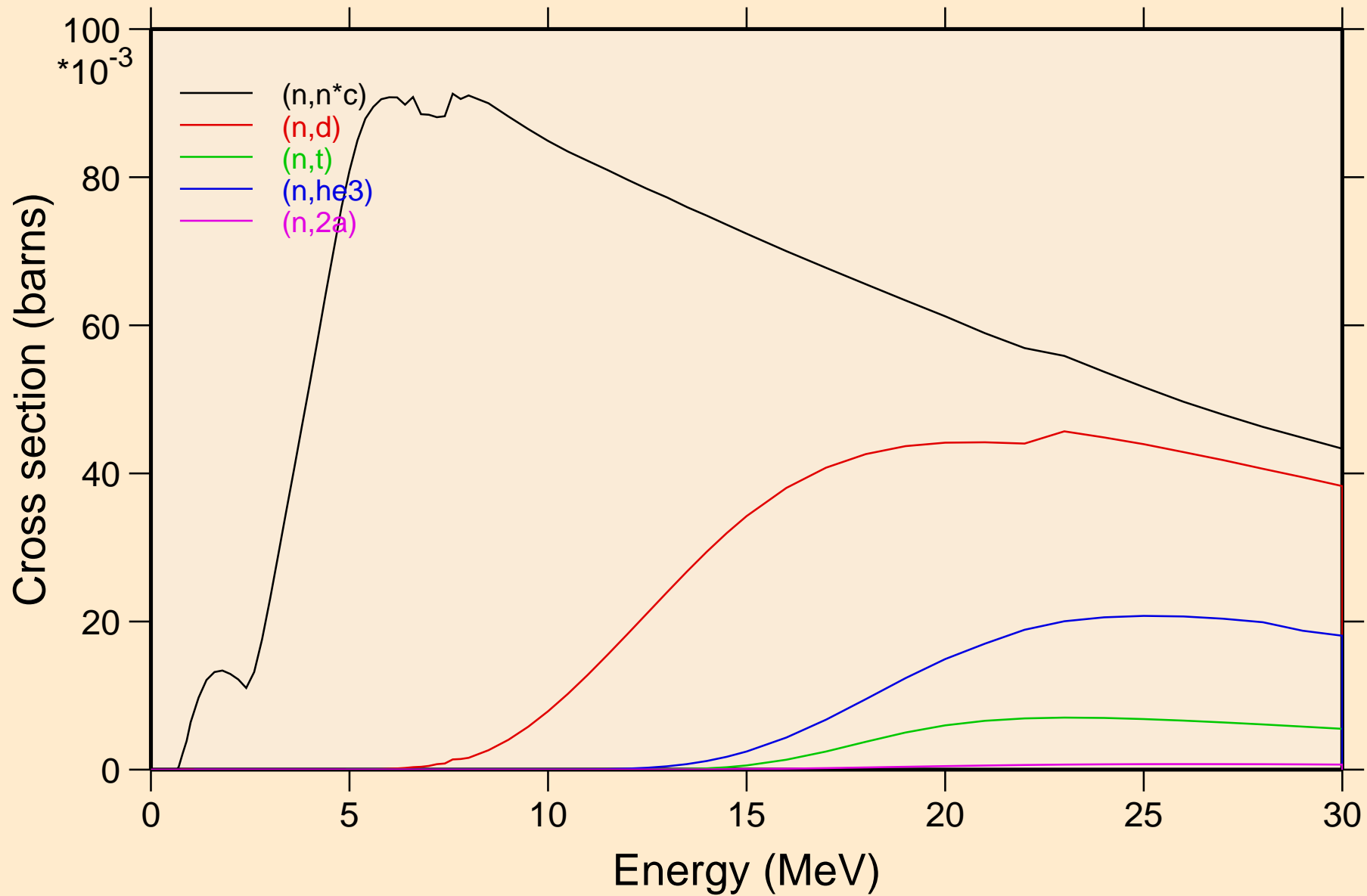
# Y080 NRG TENDL-2015, AKONING

## Threshold reactions



# Y080 NRG TENDL-2015, AKONING

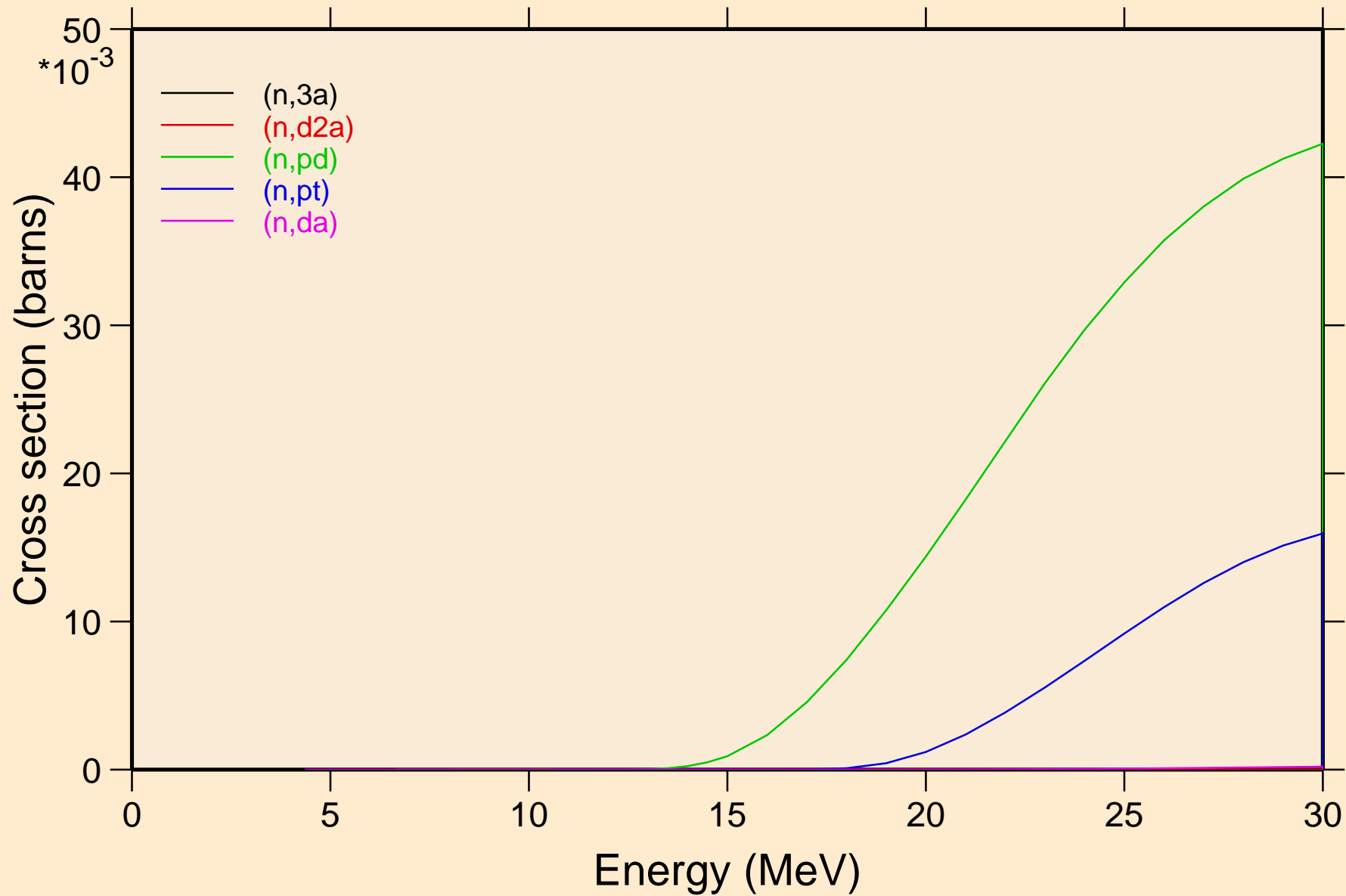
## Threshold reactions



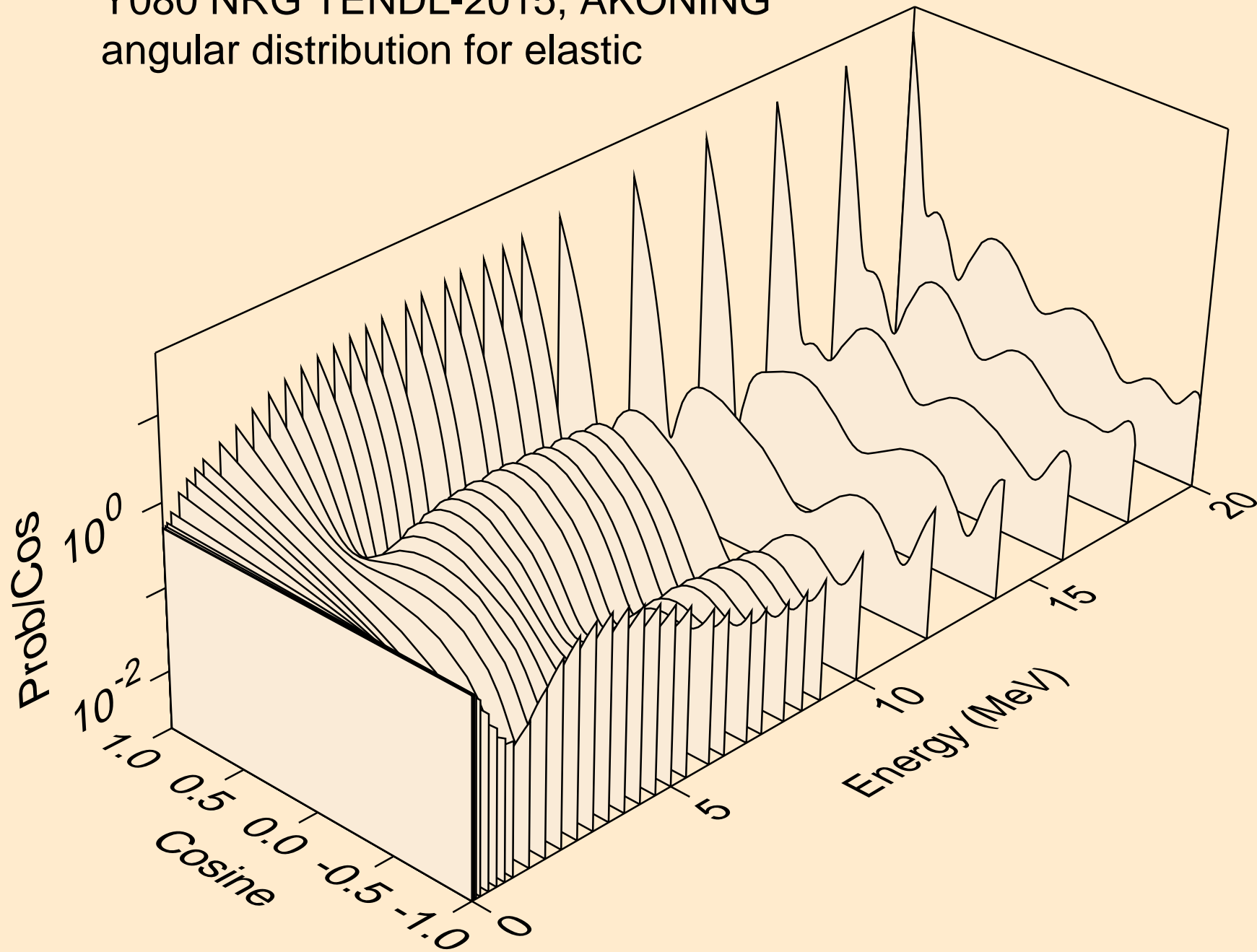


# Y080 NRG TENDL-2015, AKONING

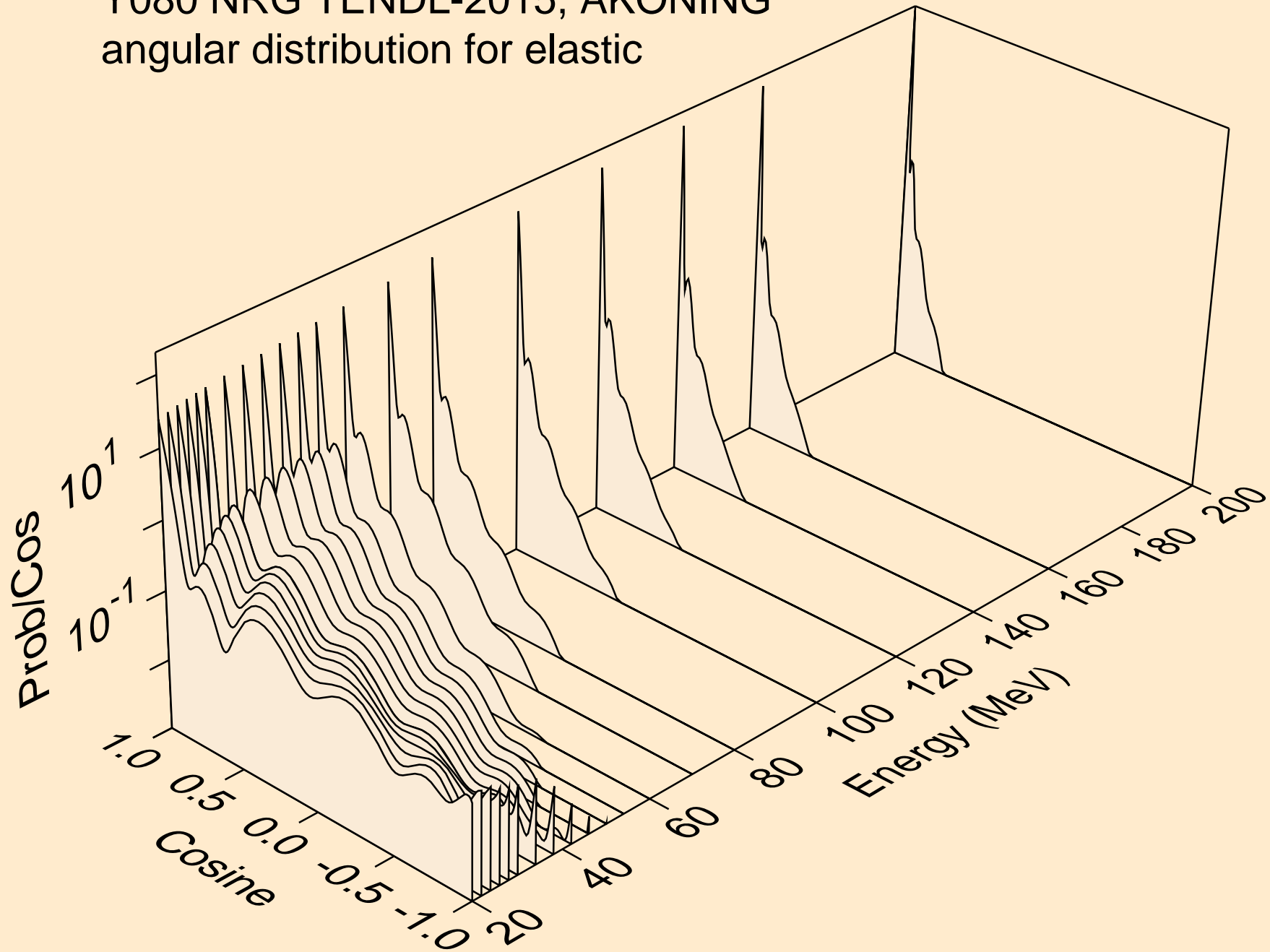
## Threshold reactions



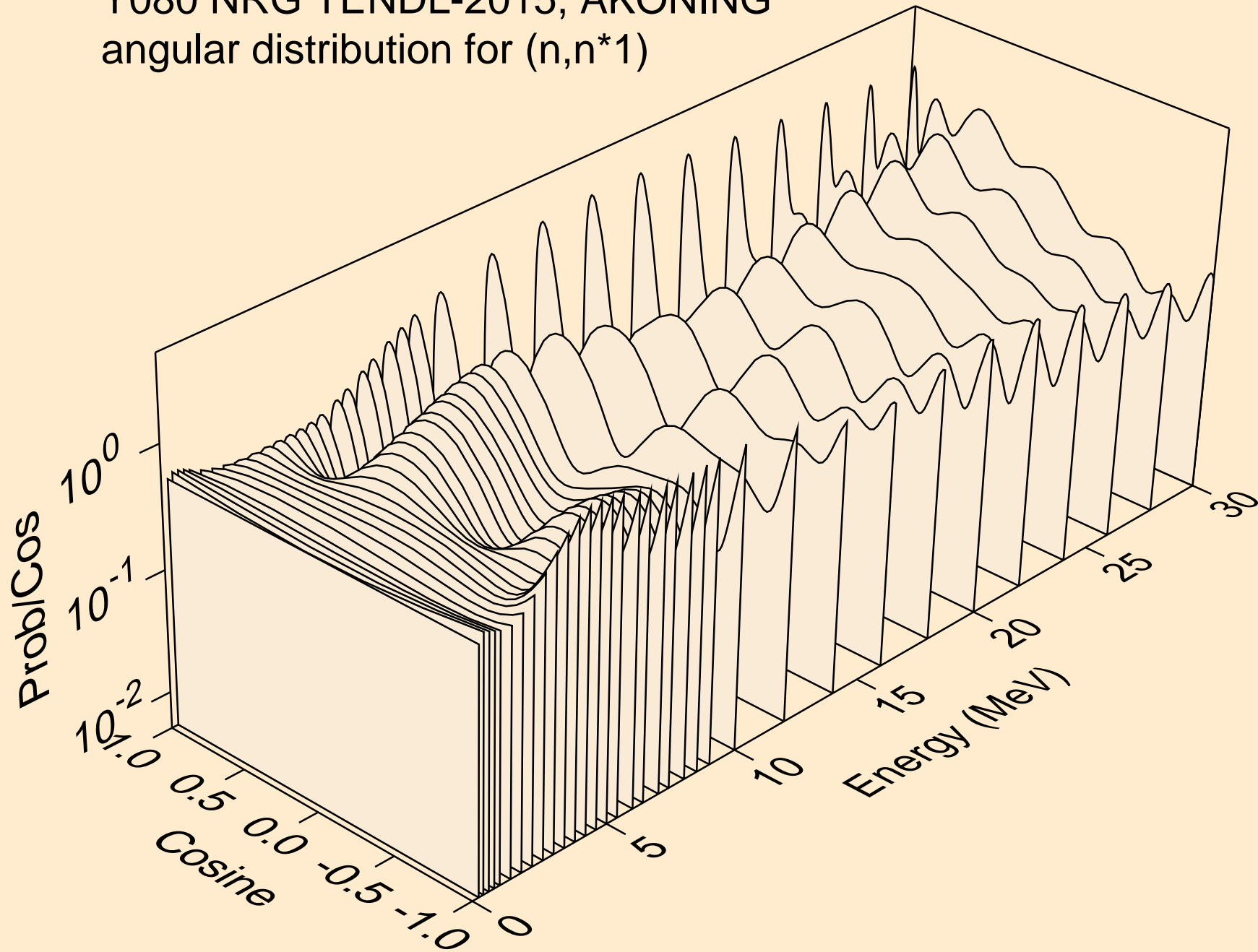
Y080 NRG TENDL-2015, AKONING  
angular distribution for elastic



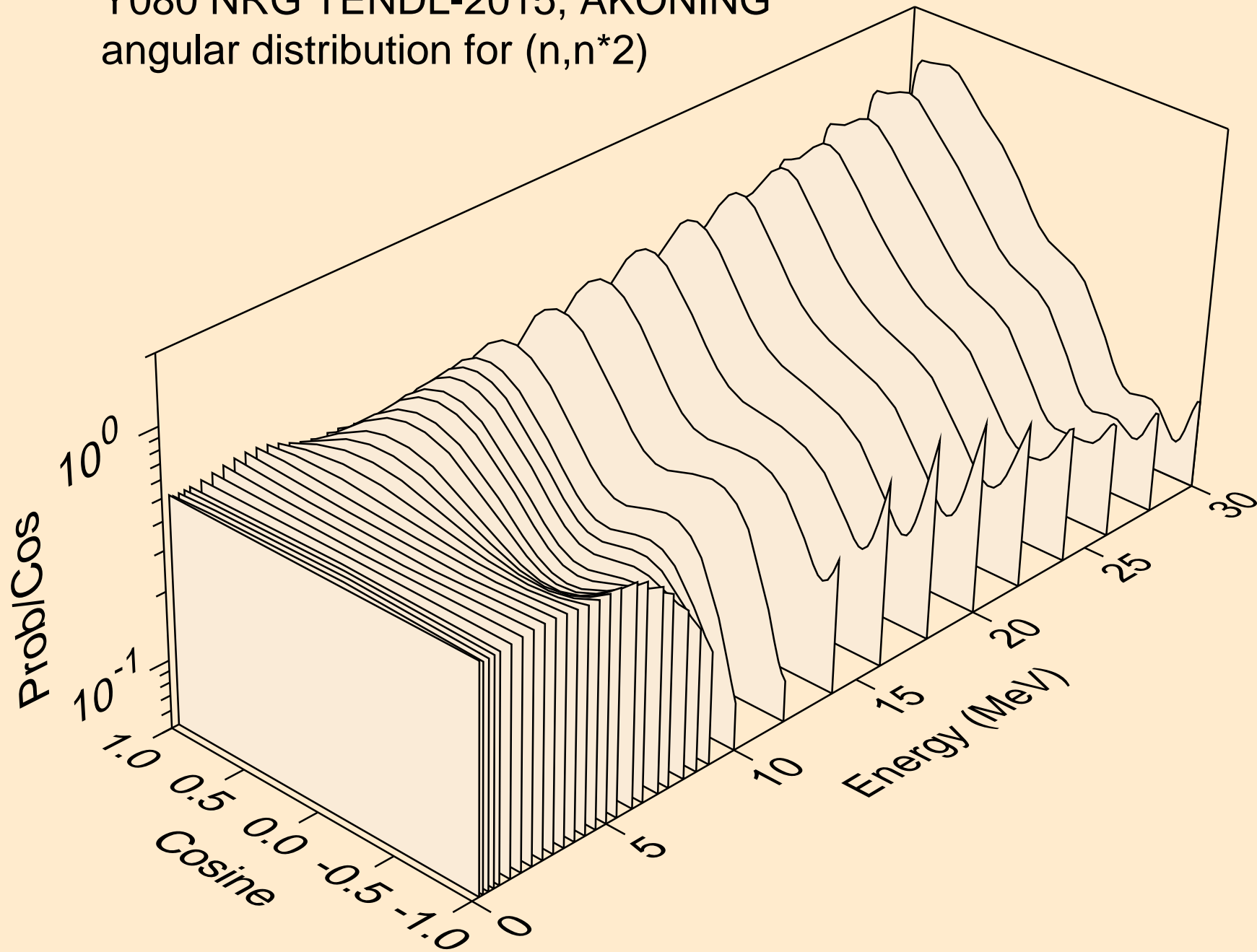
Y080 NRG TENDL-2015, AKONING  
angular distribution for elastic



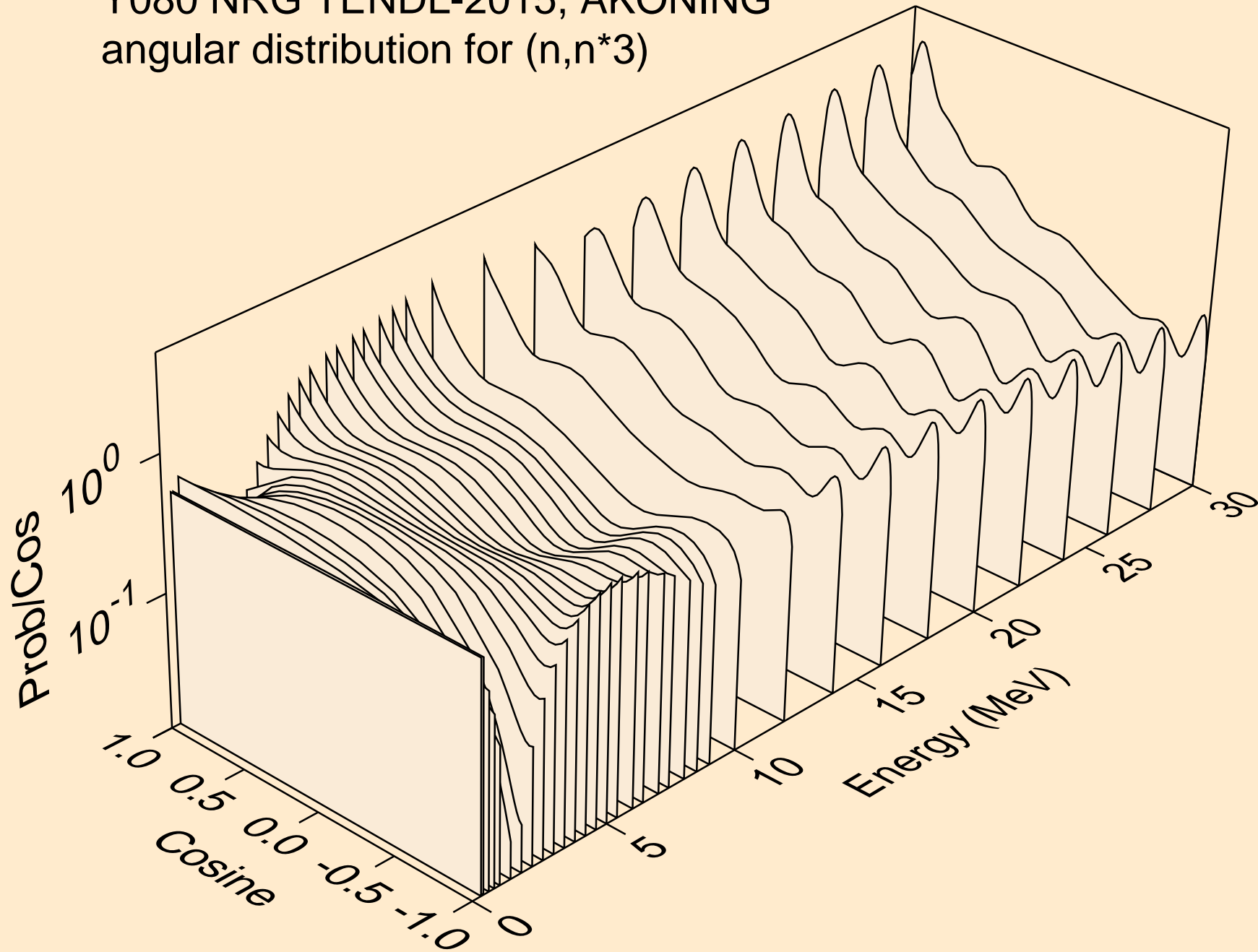
Y080 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



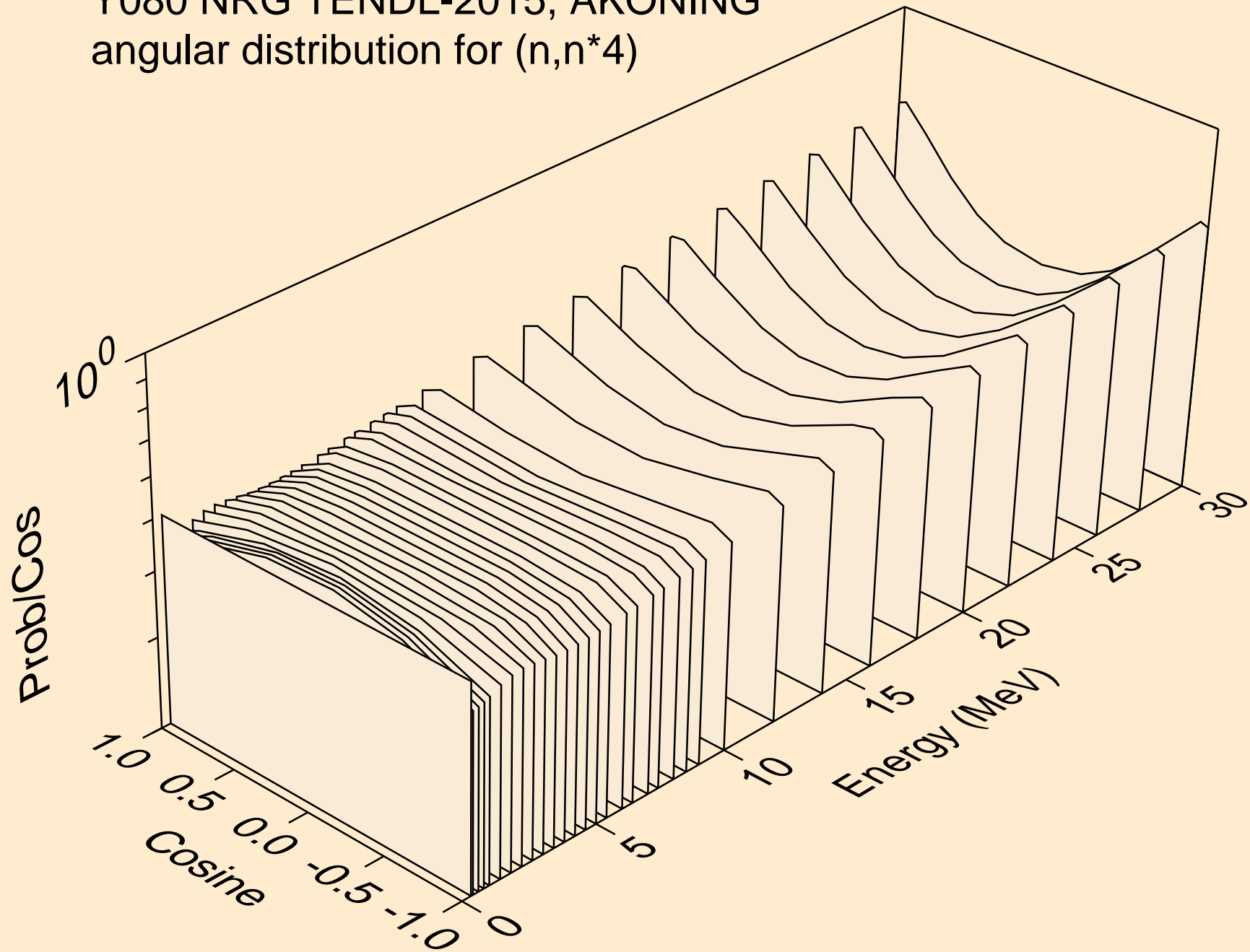
Y080 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



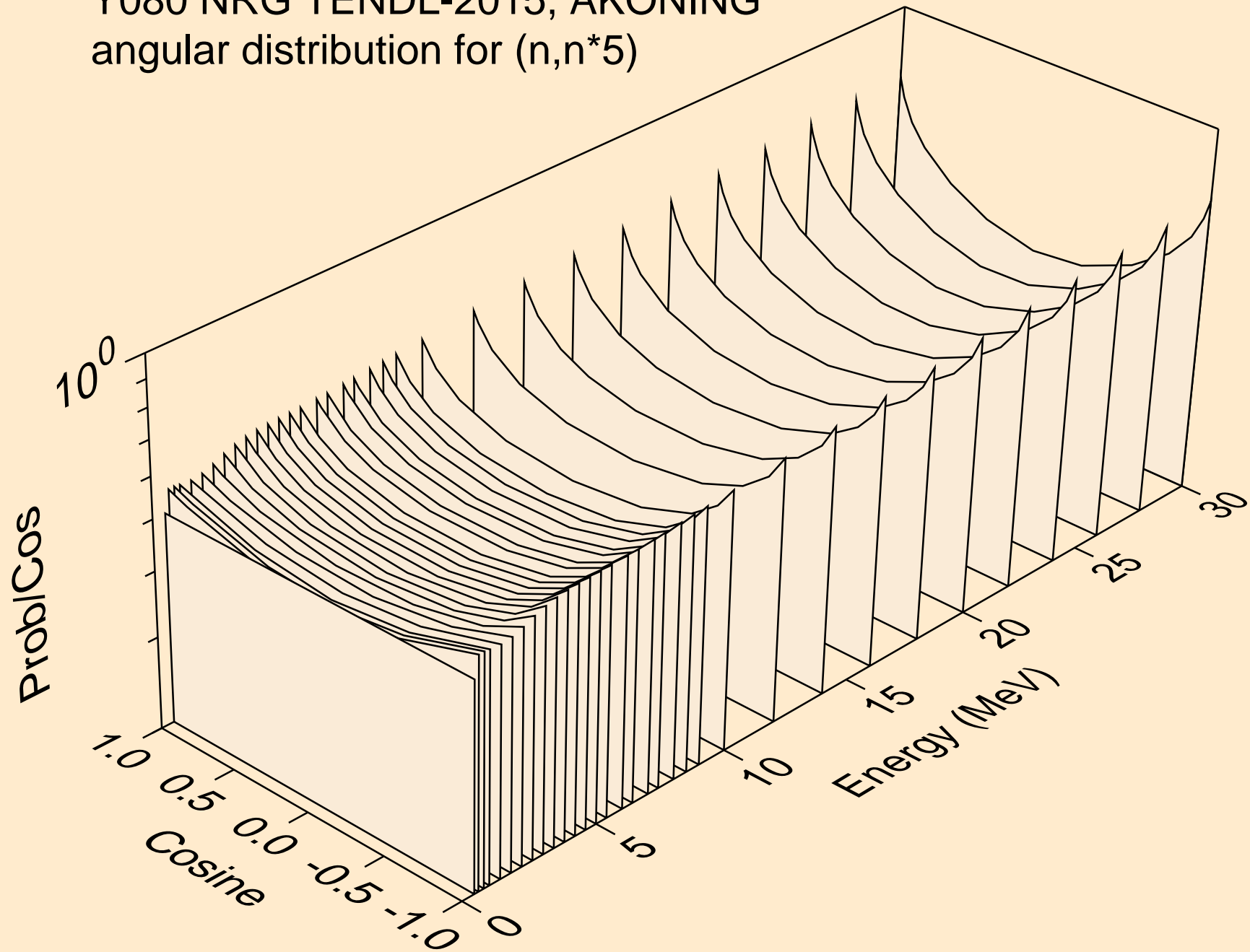
Y080 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



Y080 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)

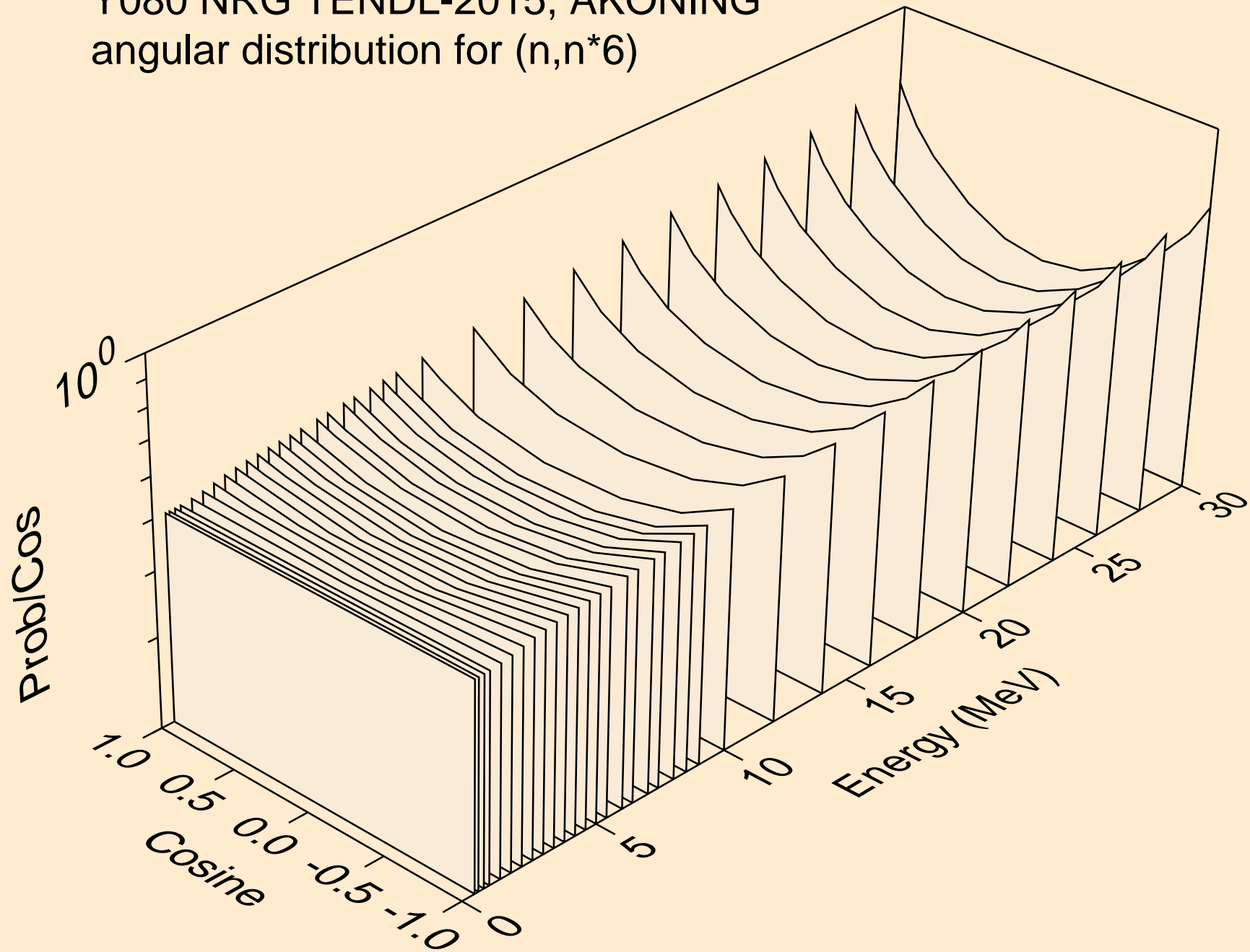


Y080 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

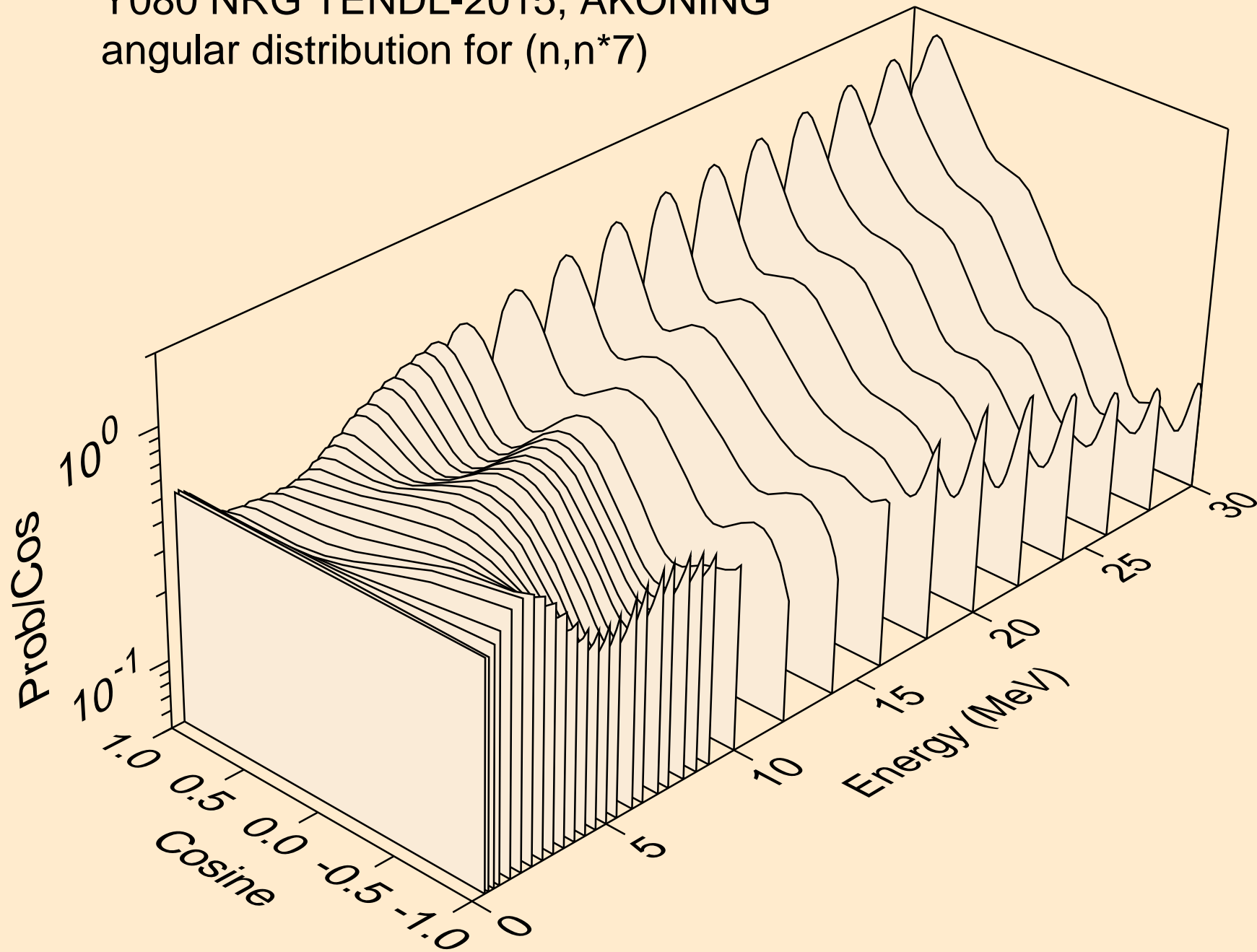




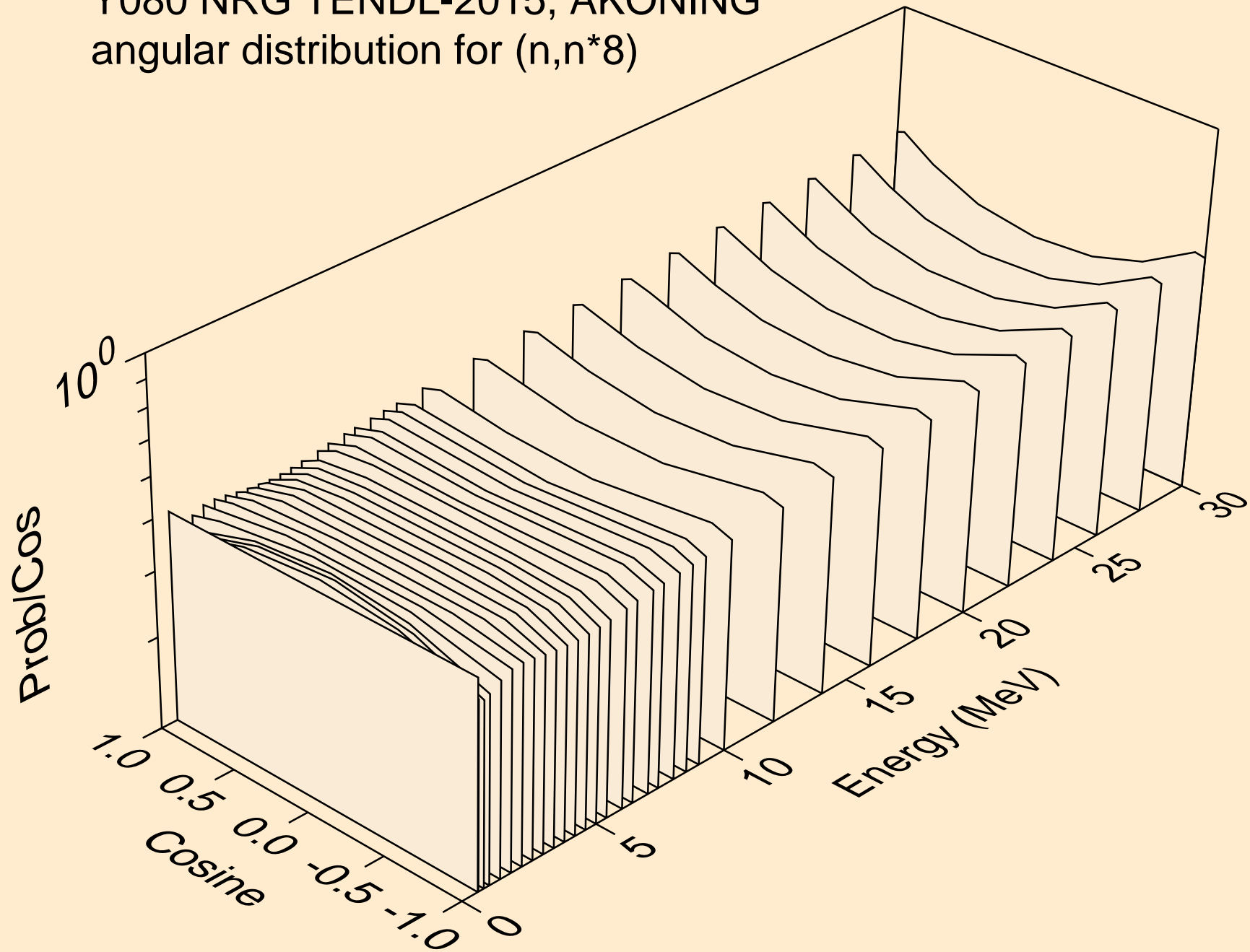
Y080 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



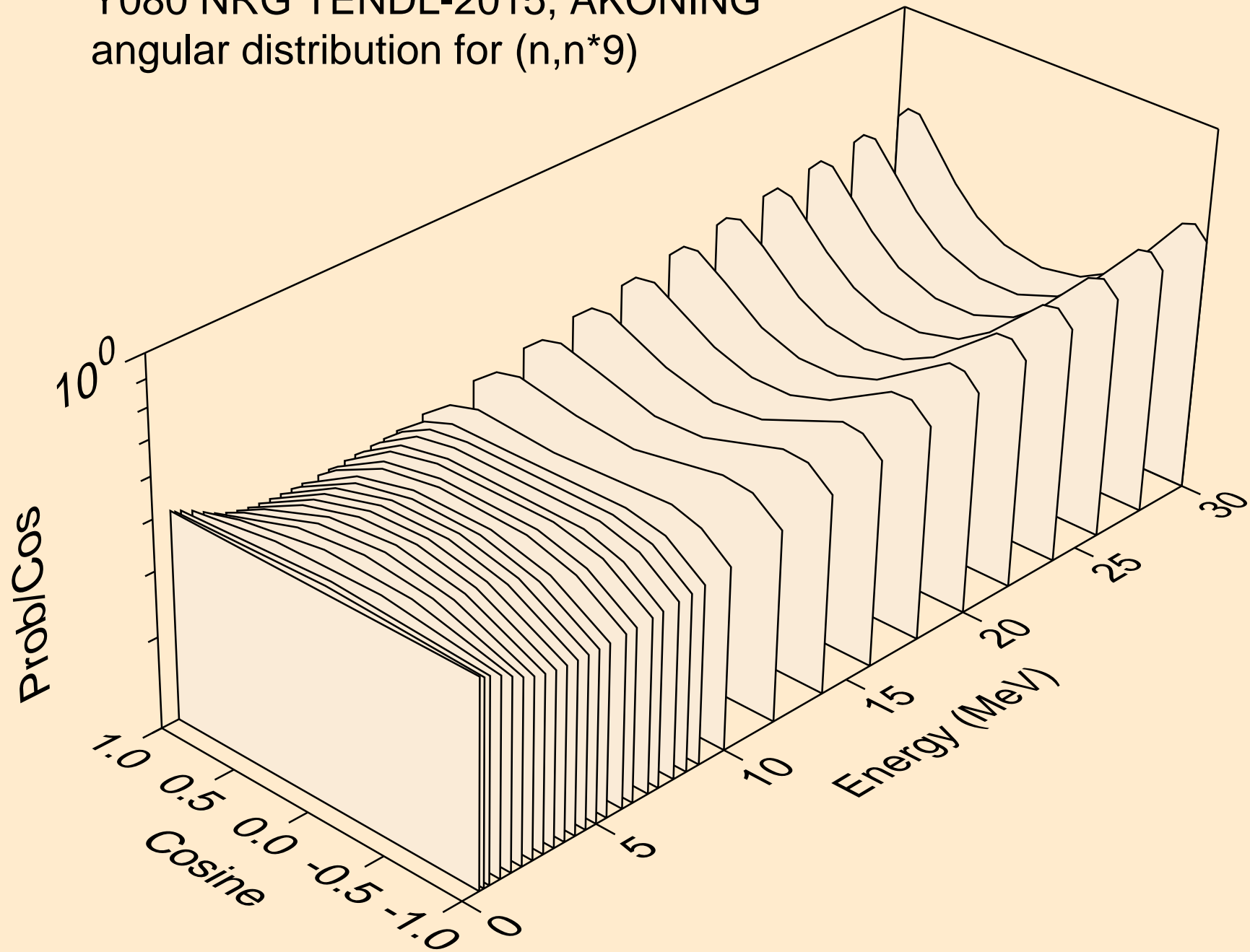
Y080 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



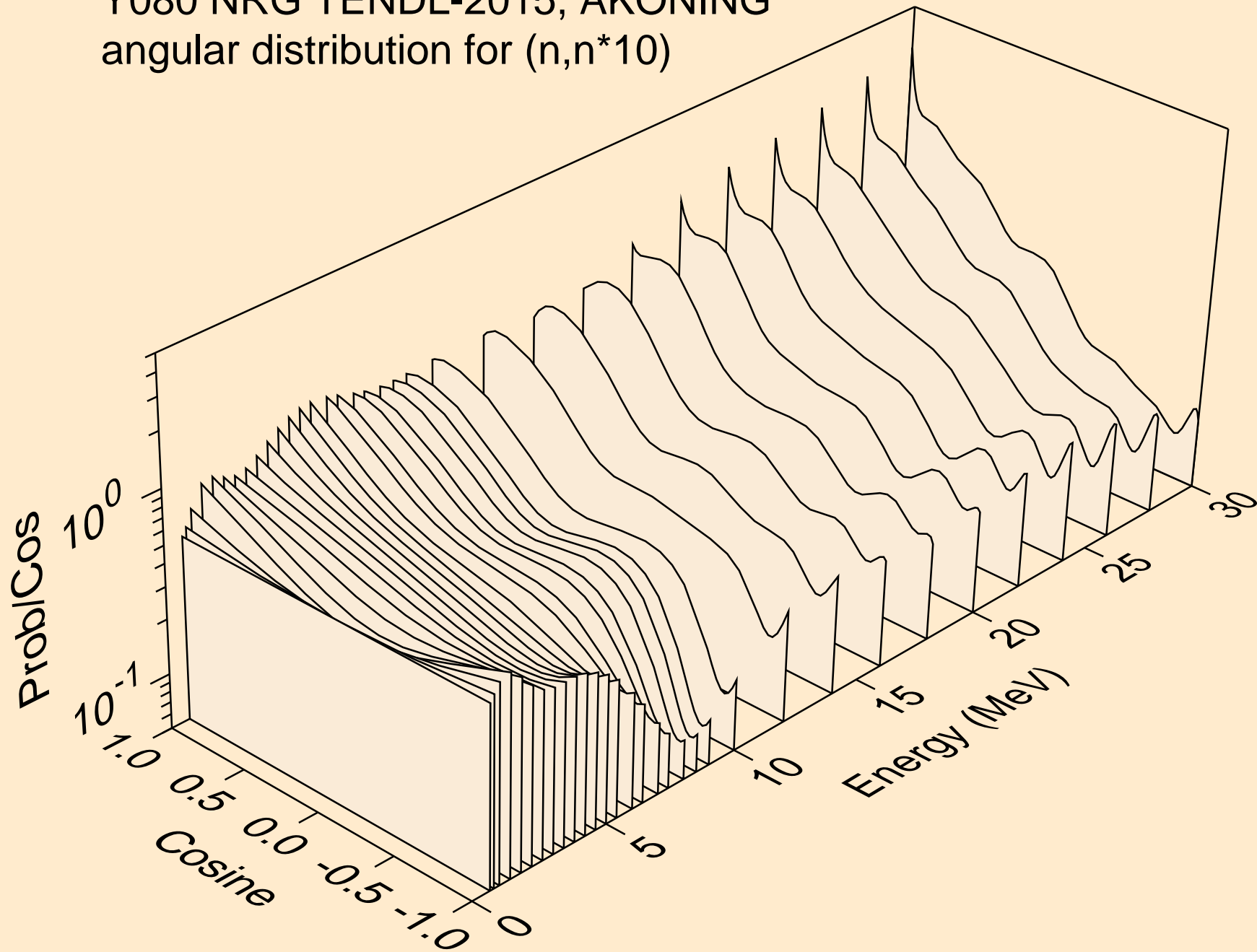
Y080 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



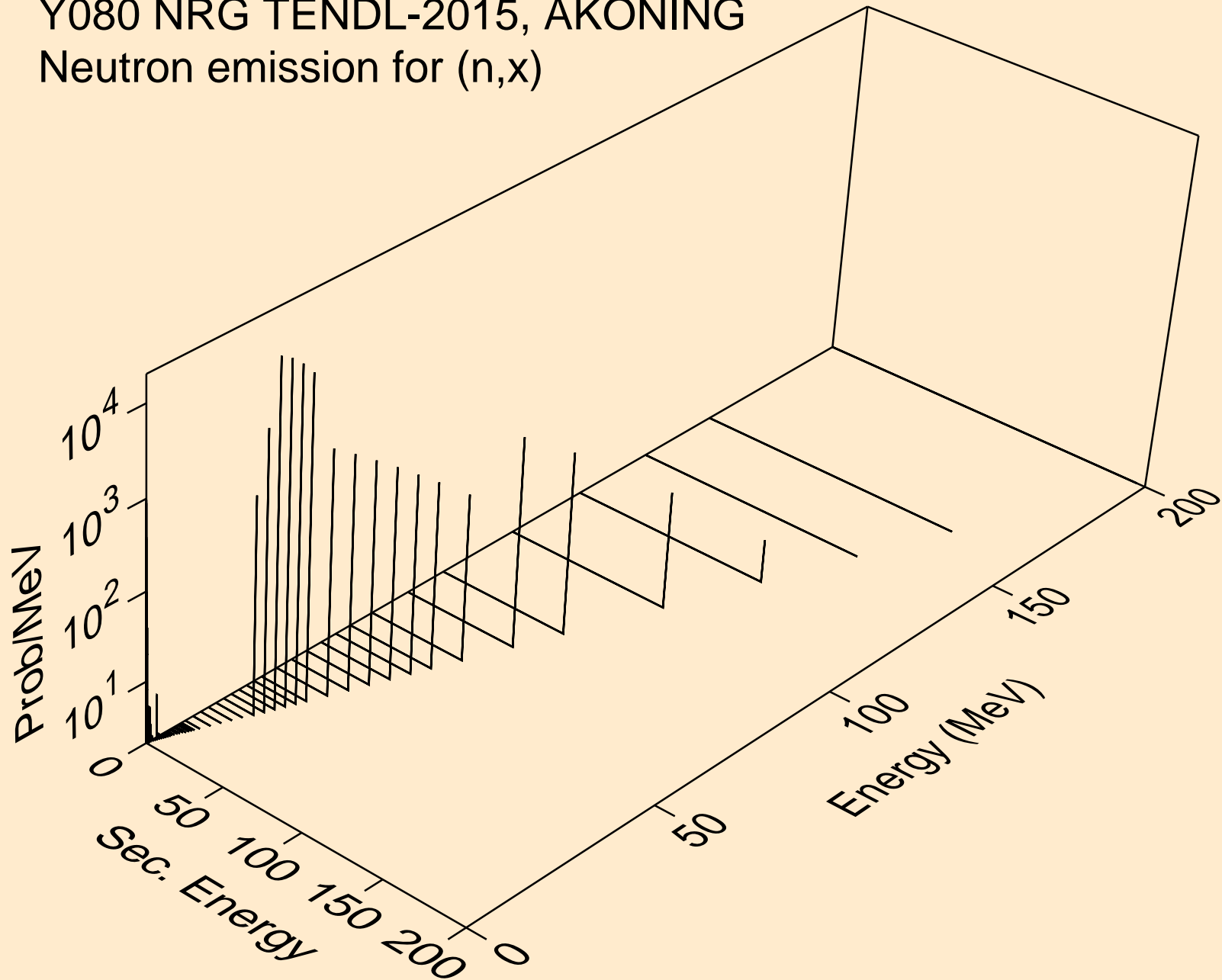
Y080 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



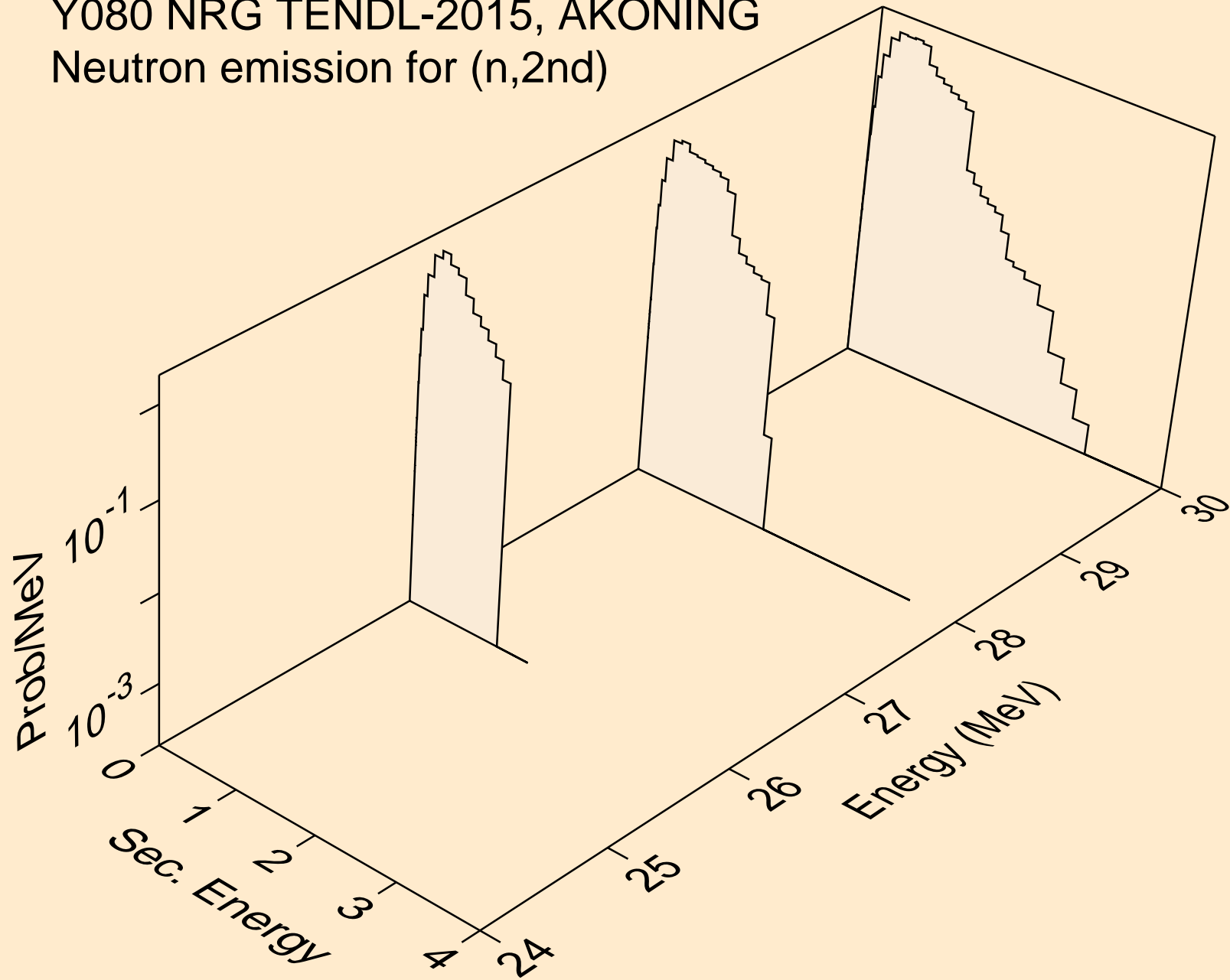
Y080 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



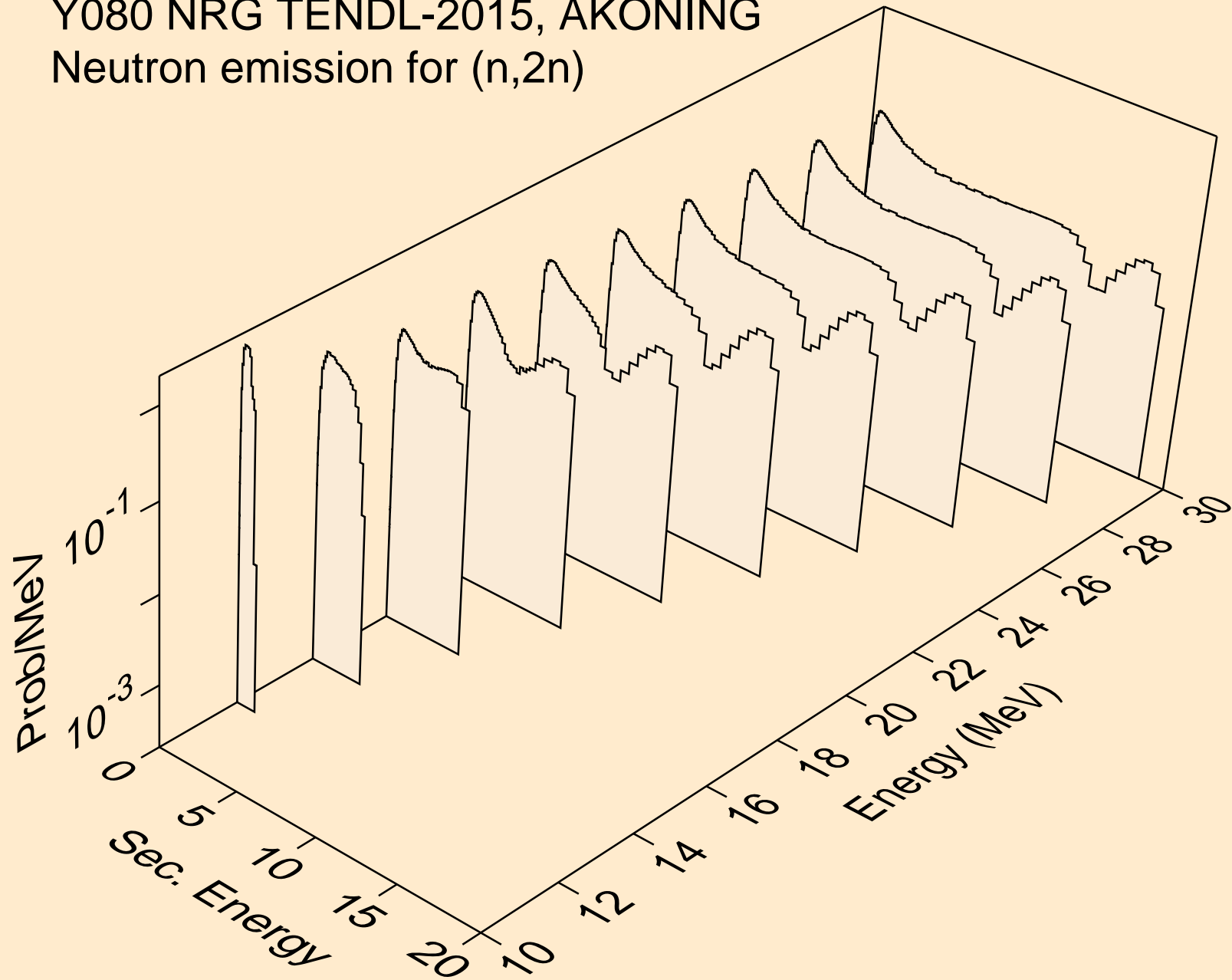
Y080 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



Y080 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

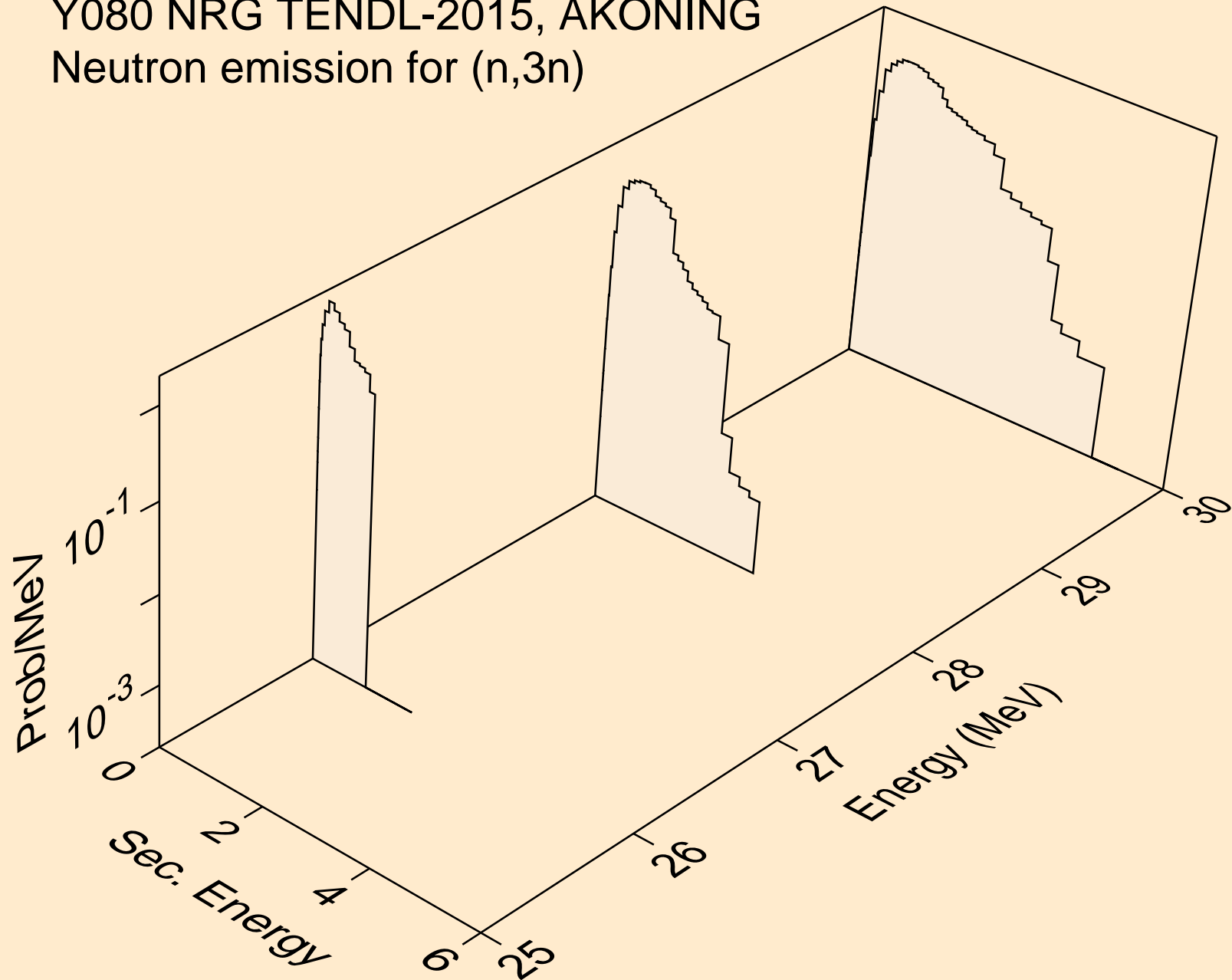


Y080 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

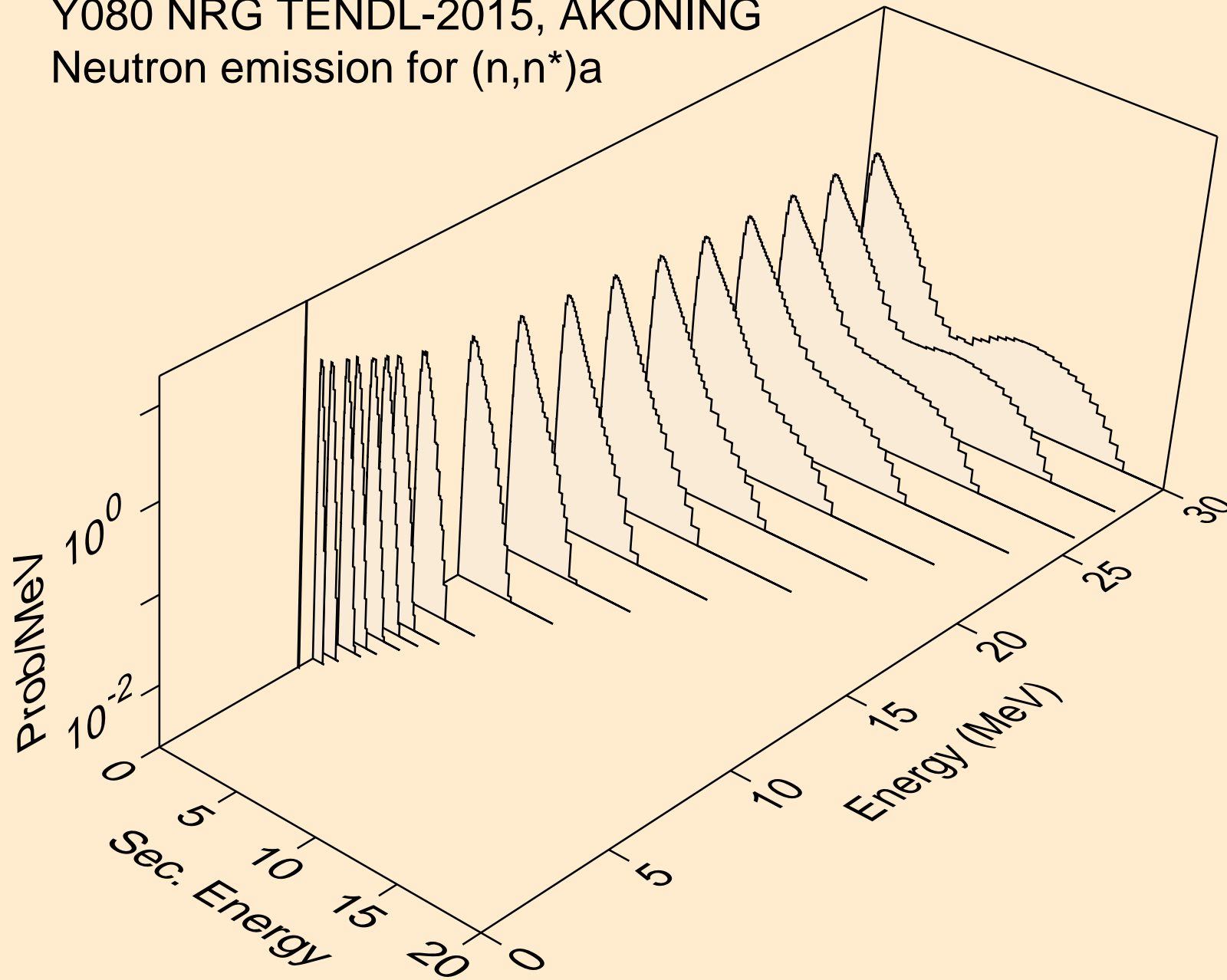




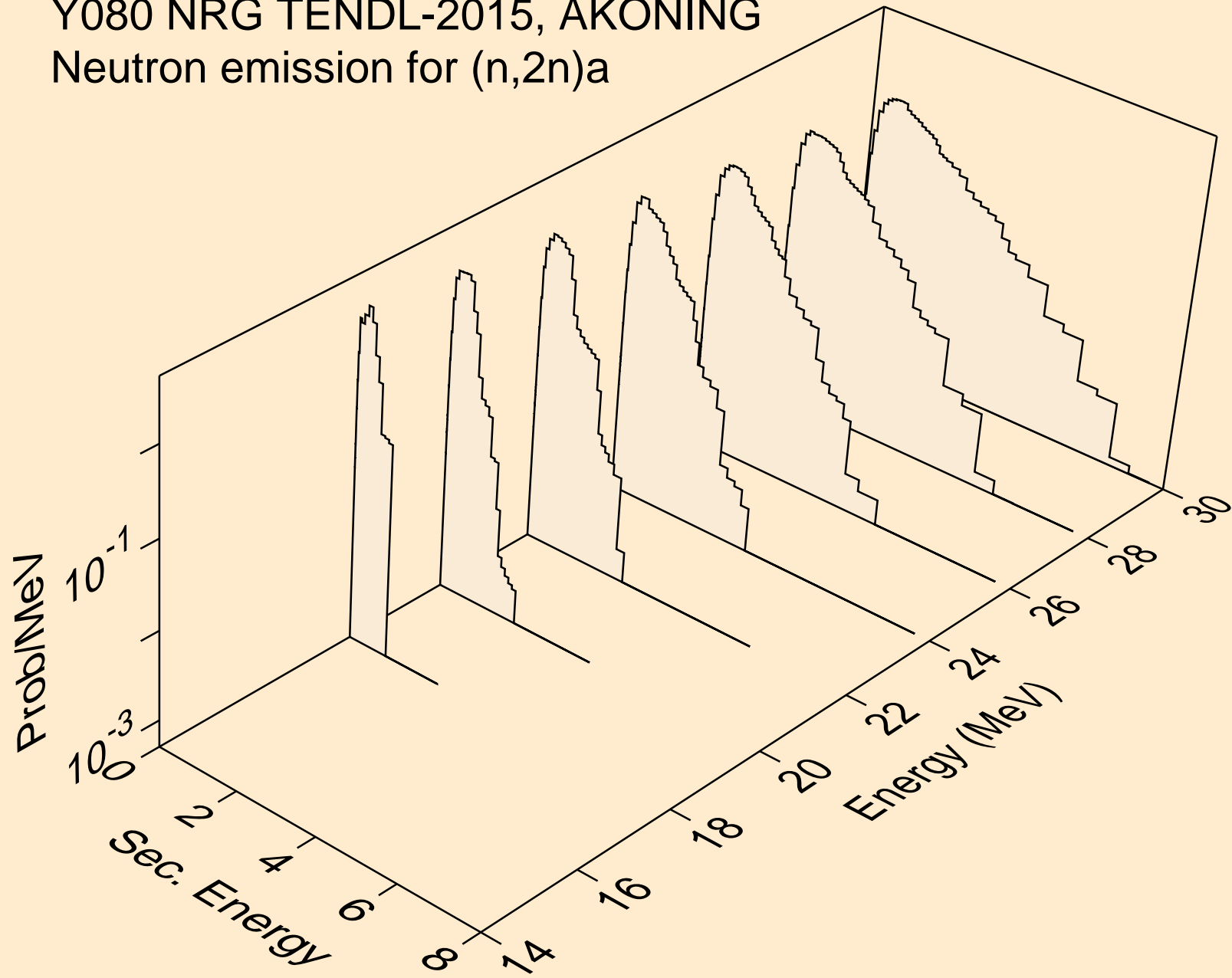
Y080 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



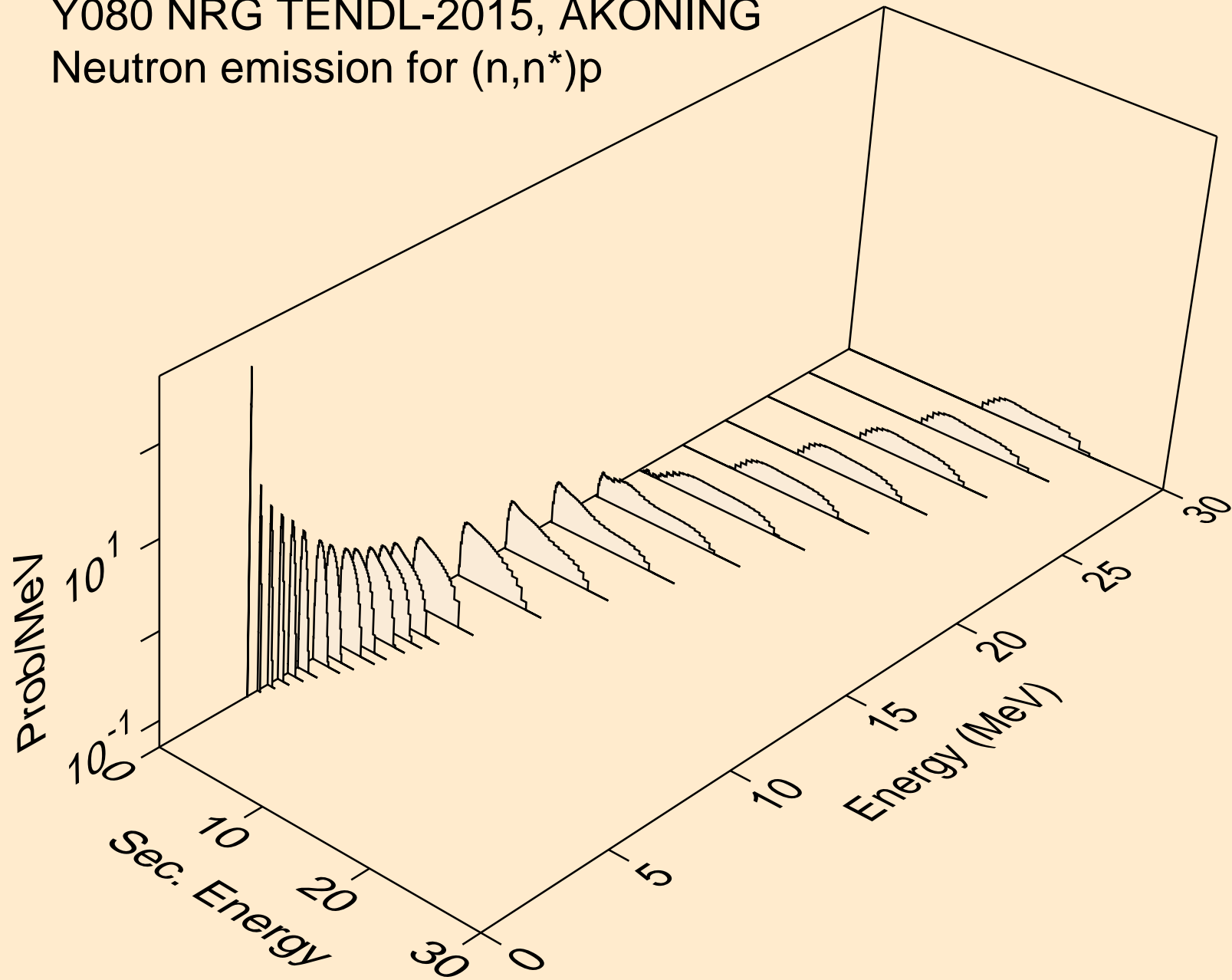
Y080 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



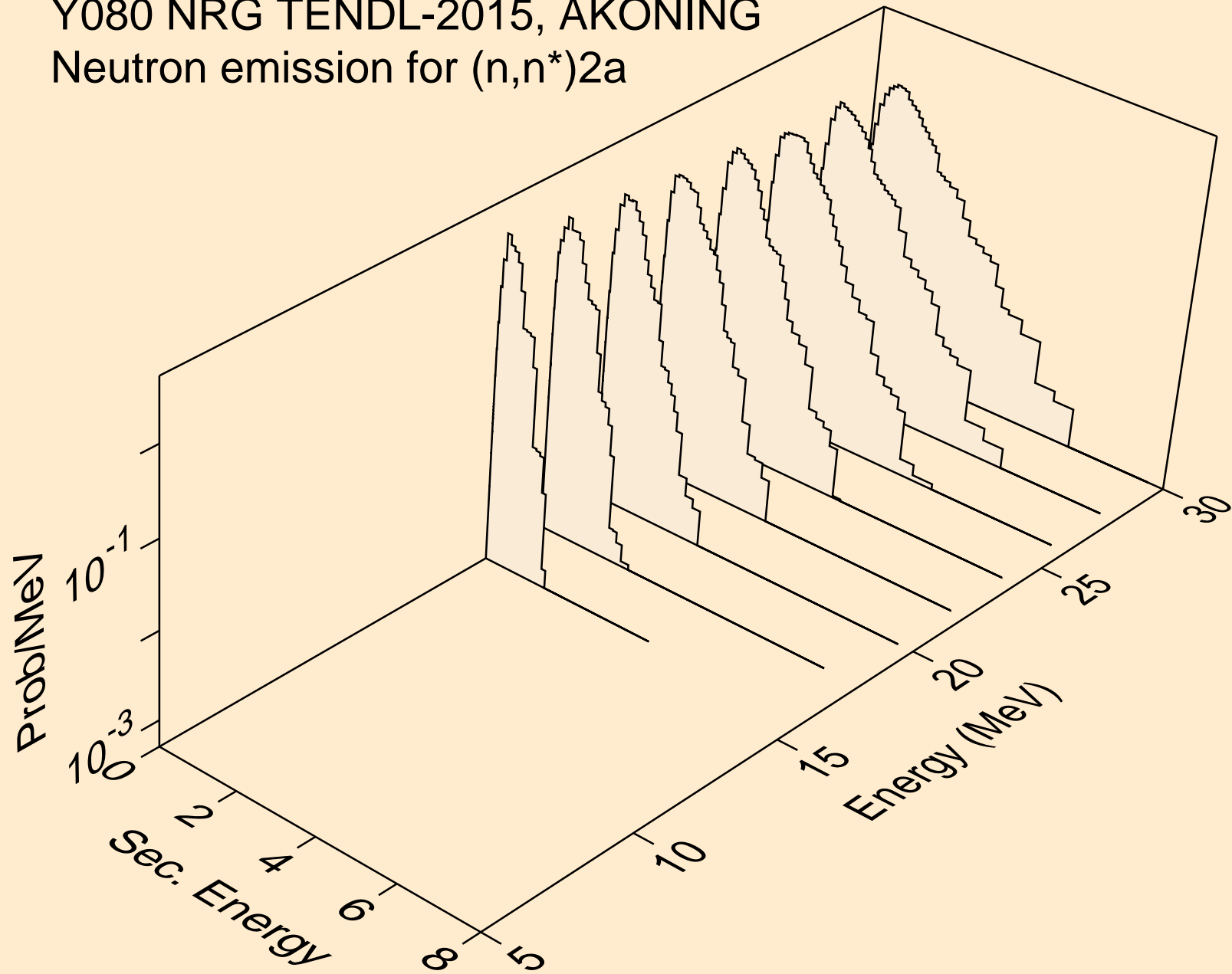
Y080 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



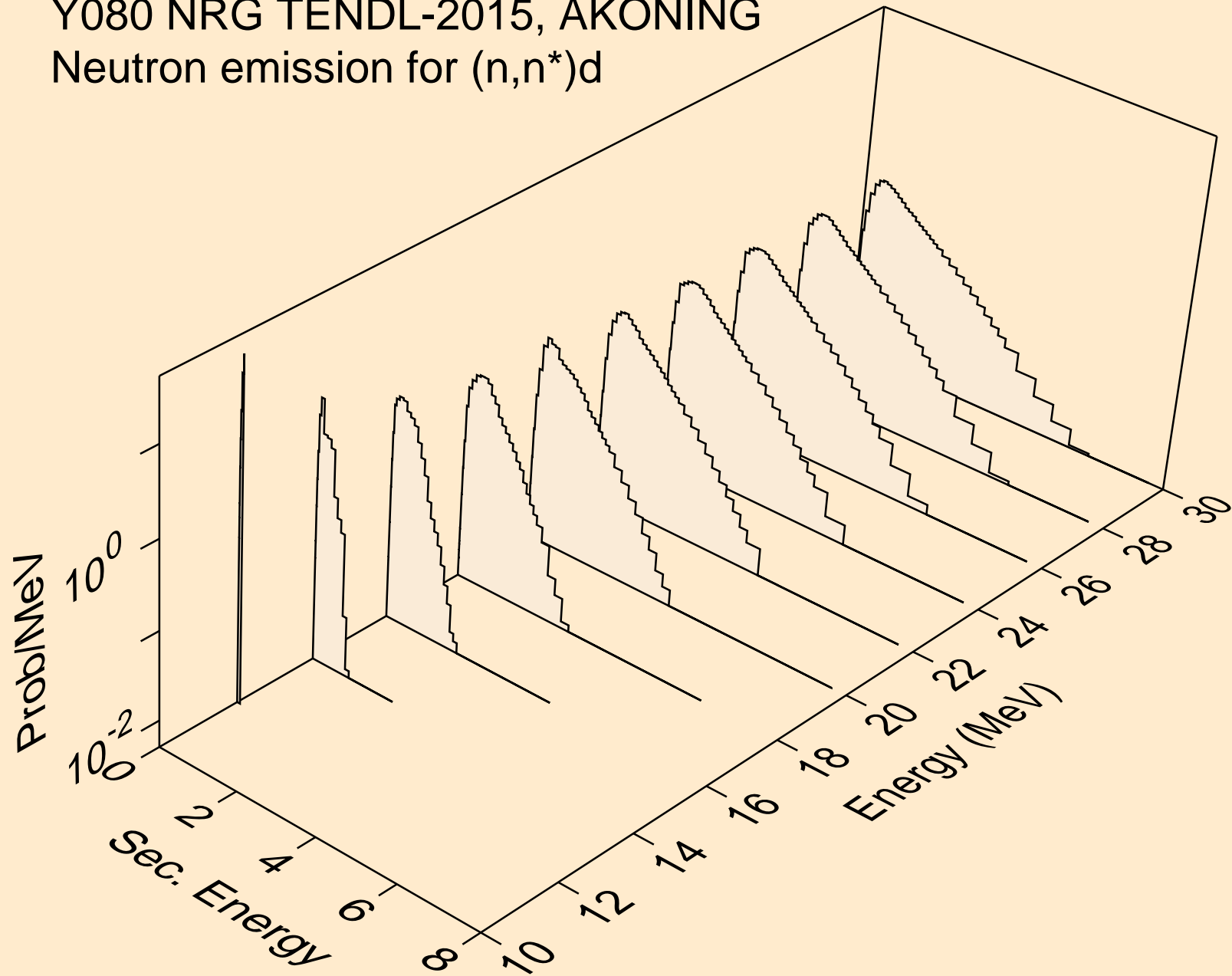
Y080 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



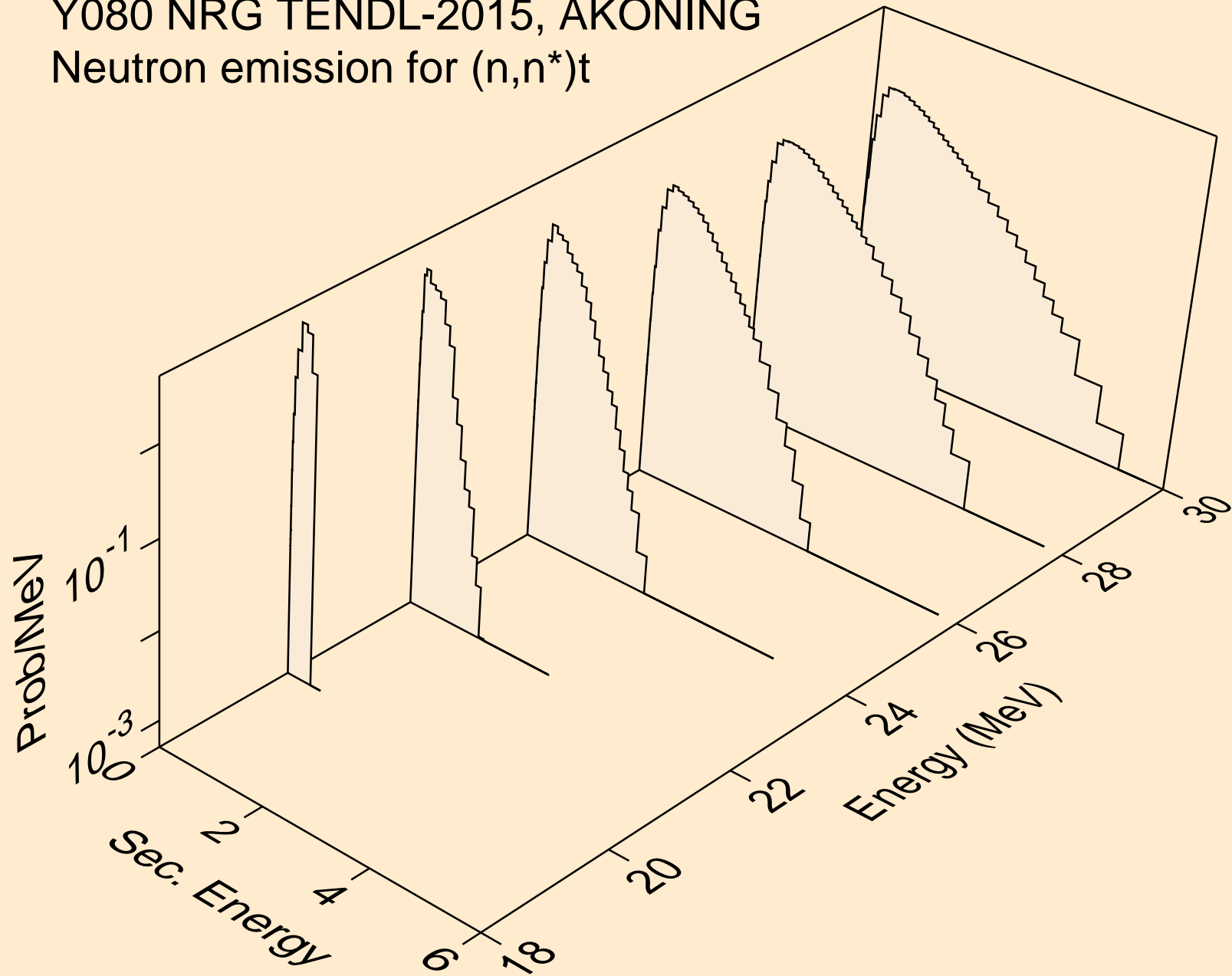
Y080 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



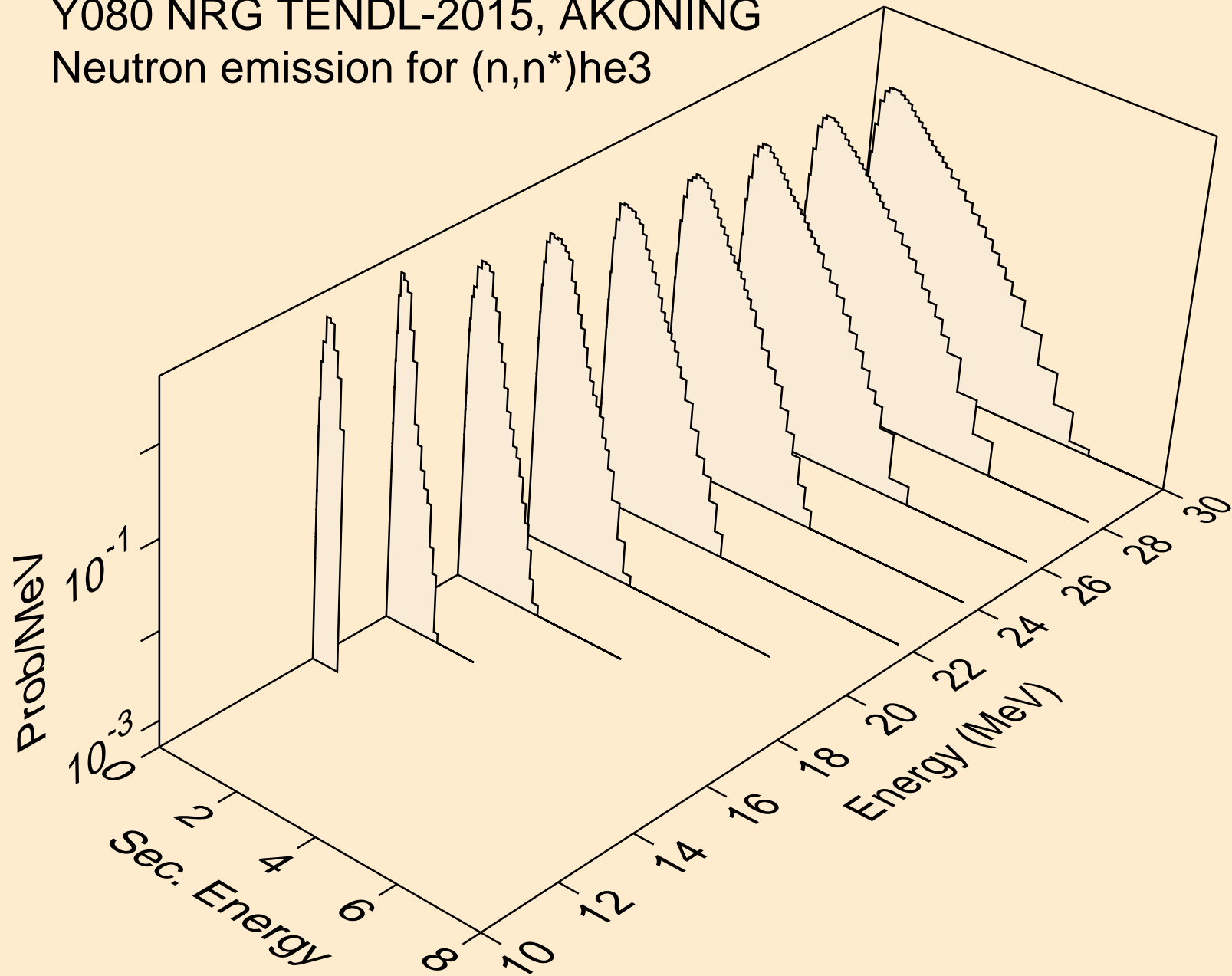
Y080 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



Y080 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

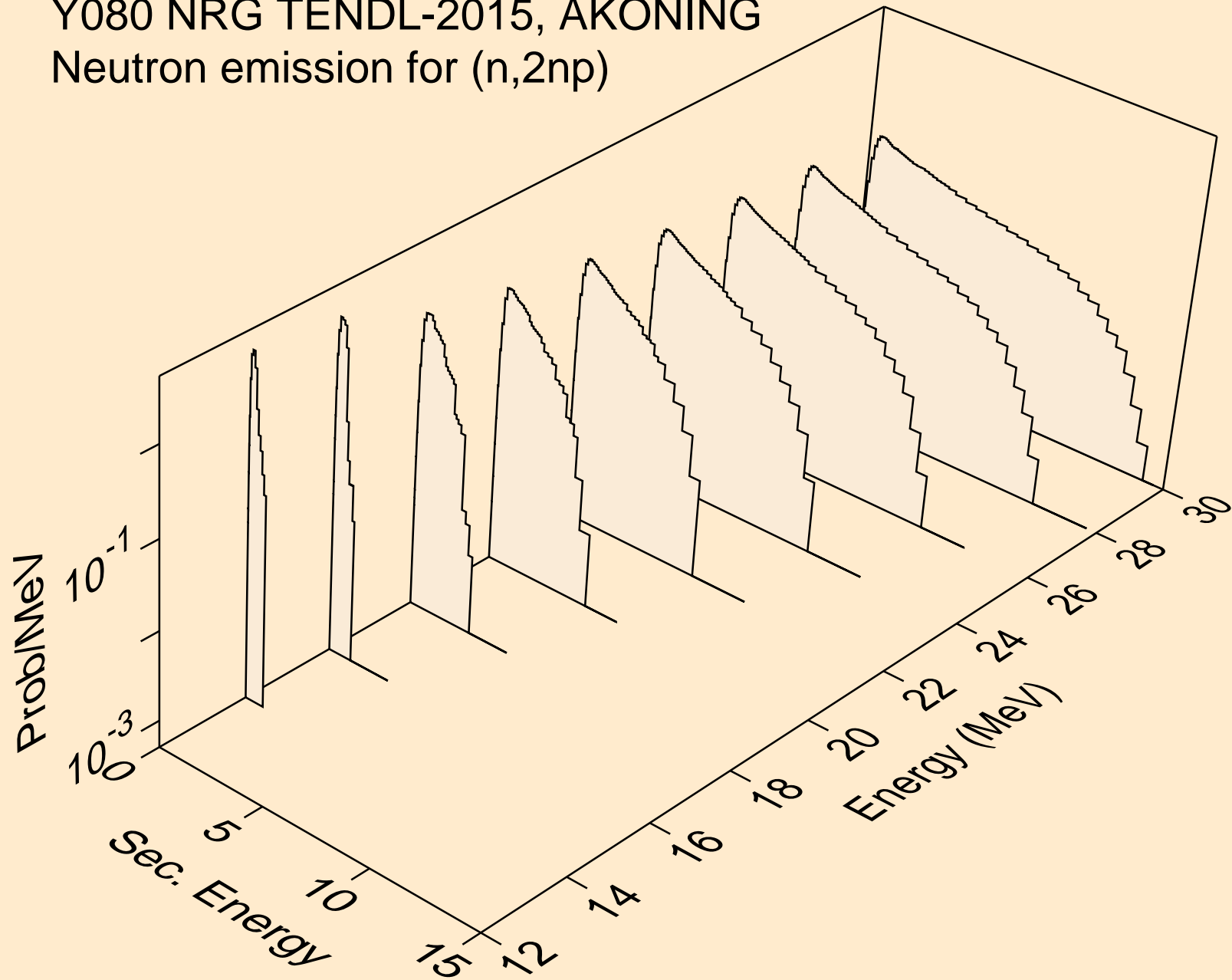


Y080 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

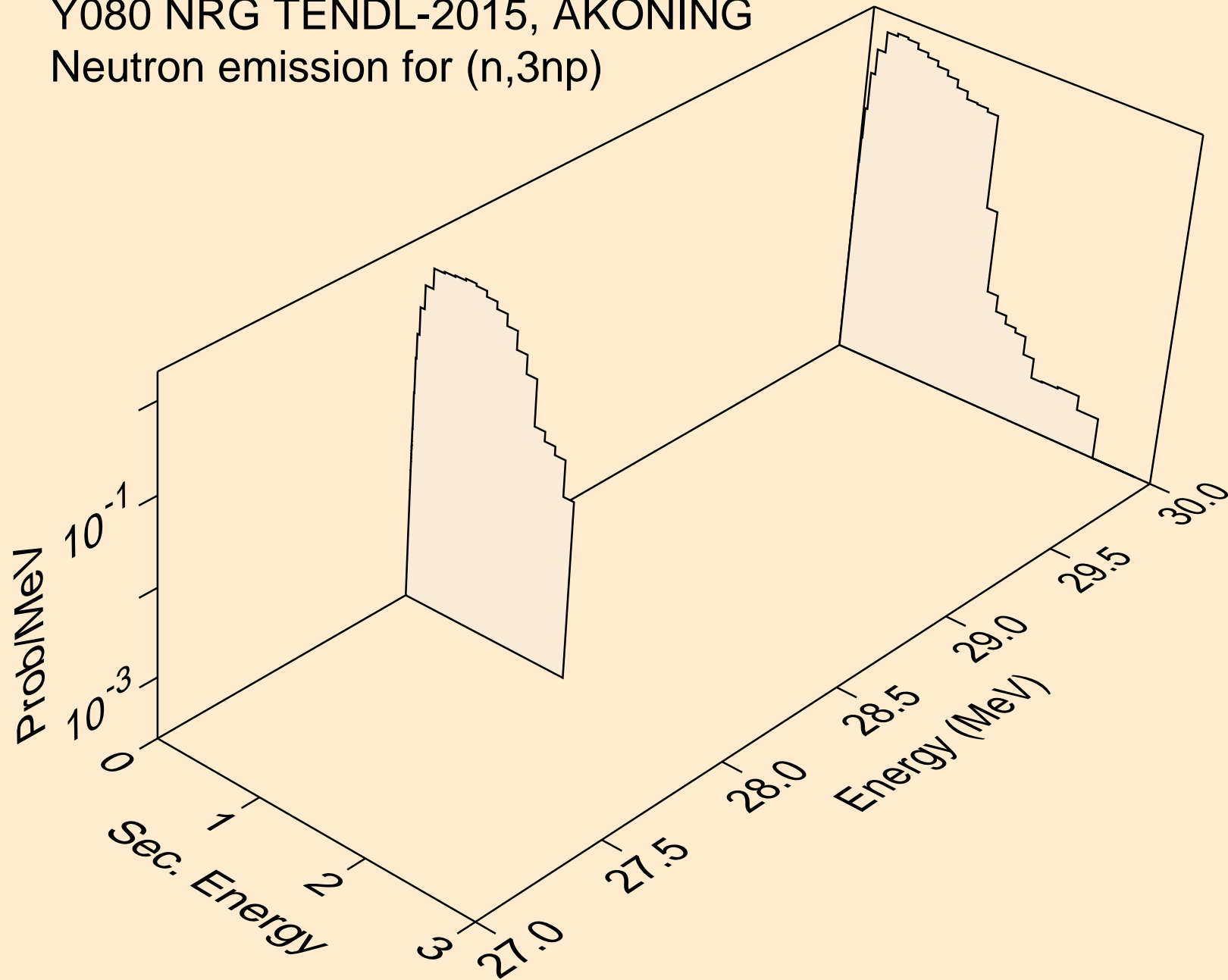




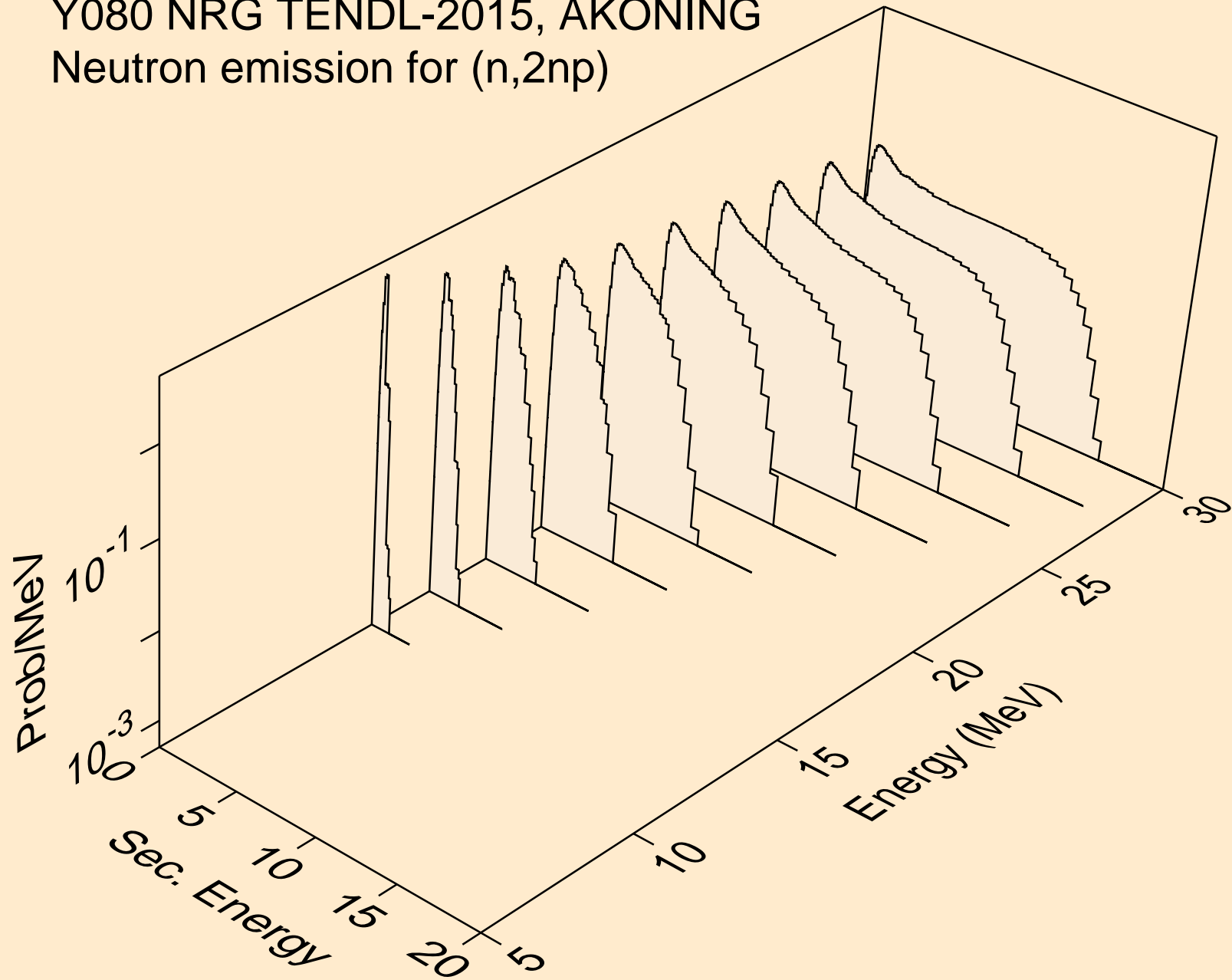
Y080 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



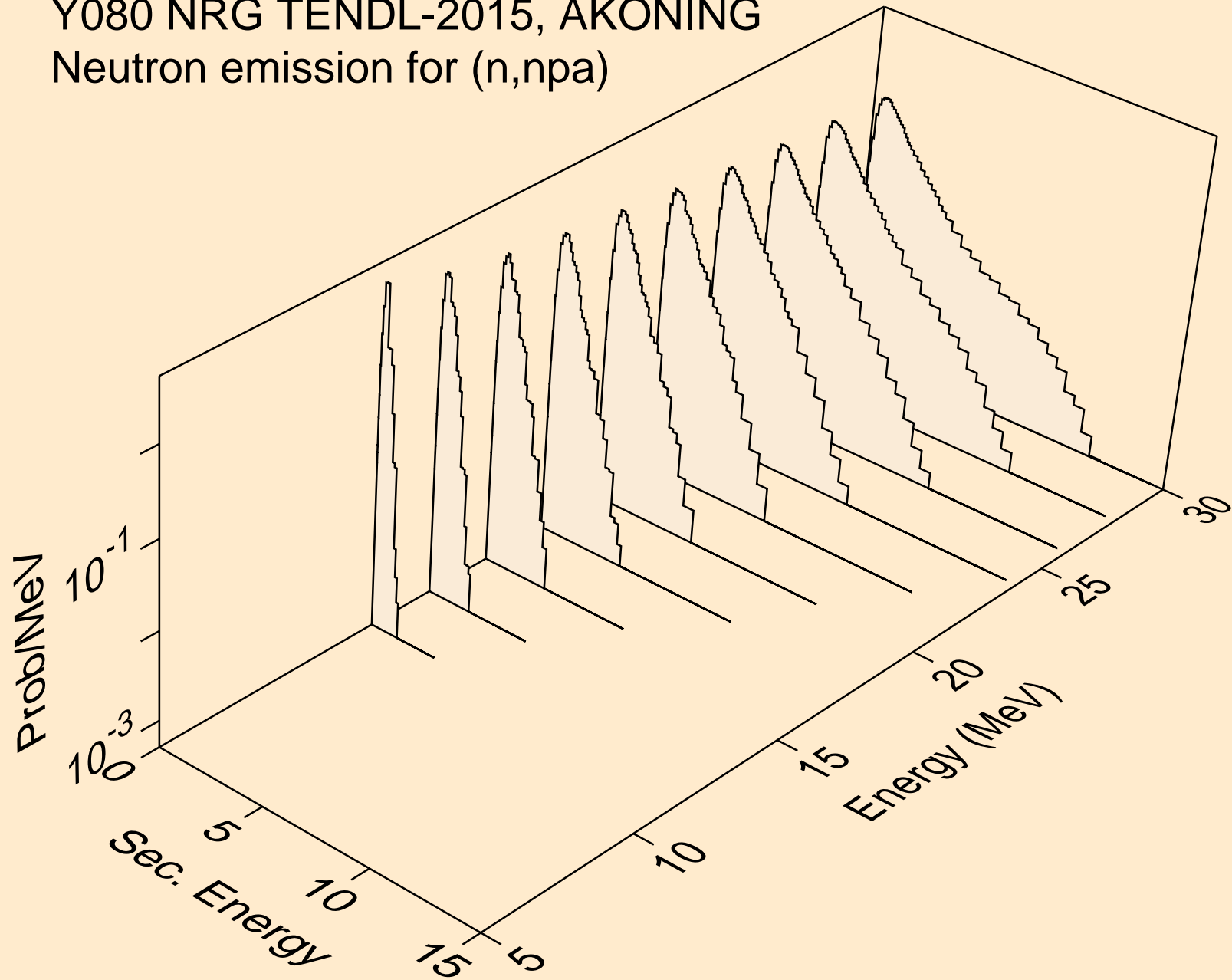
Y080 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



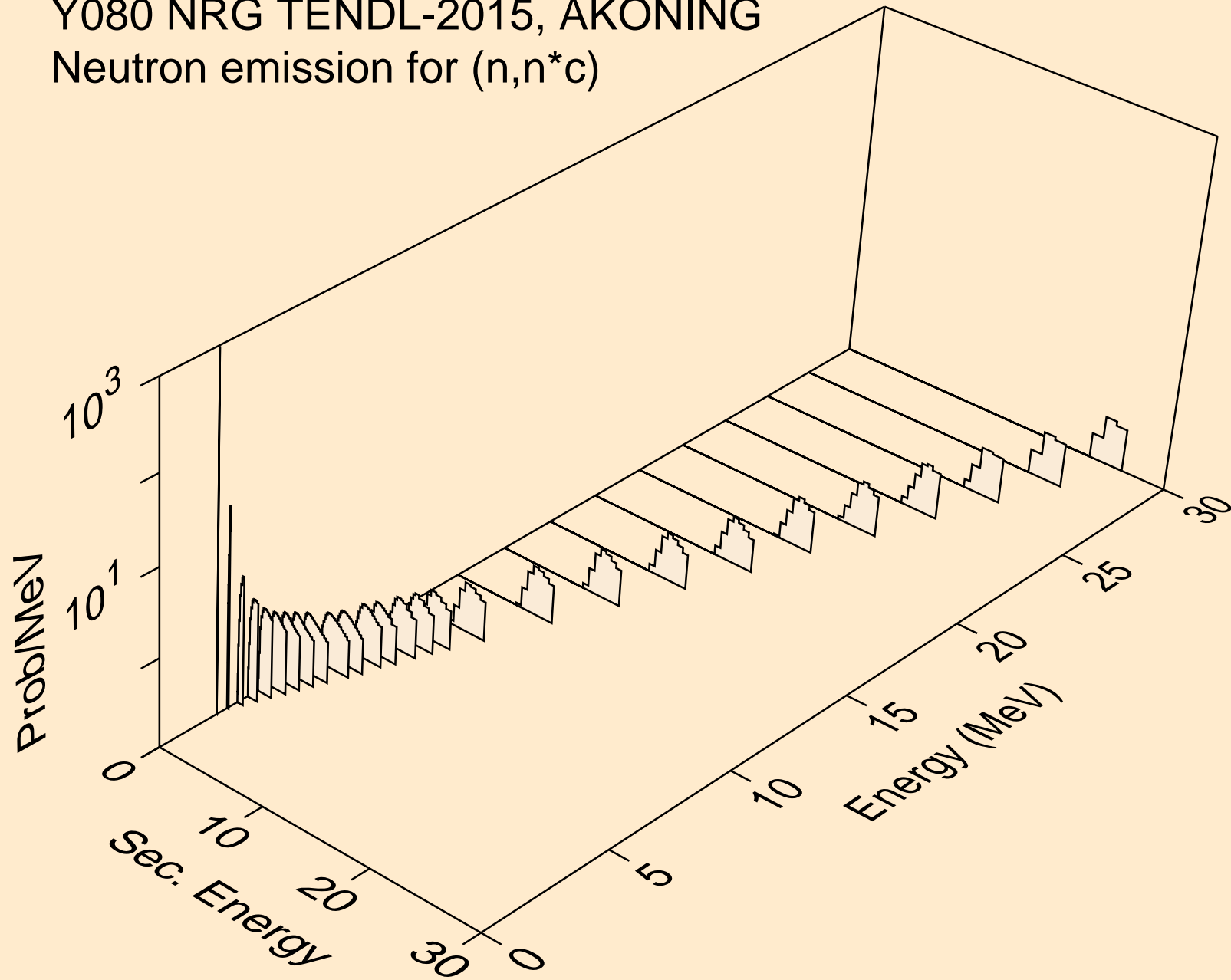
Y080 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



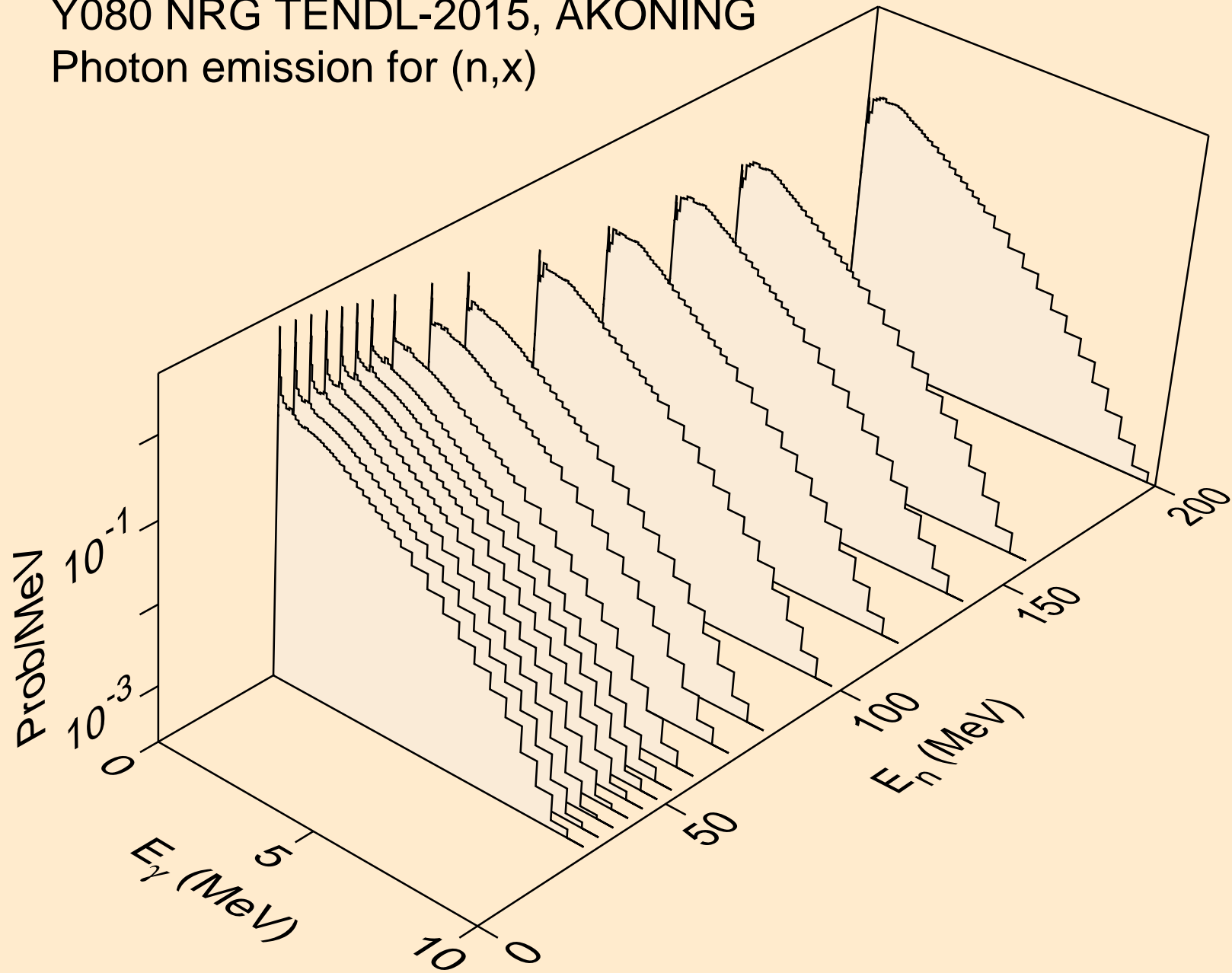
Y080 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



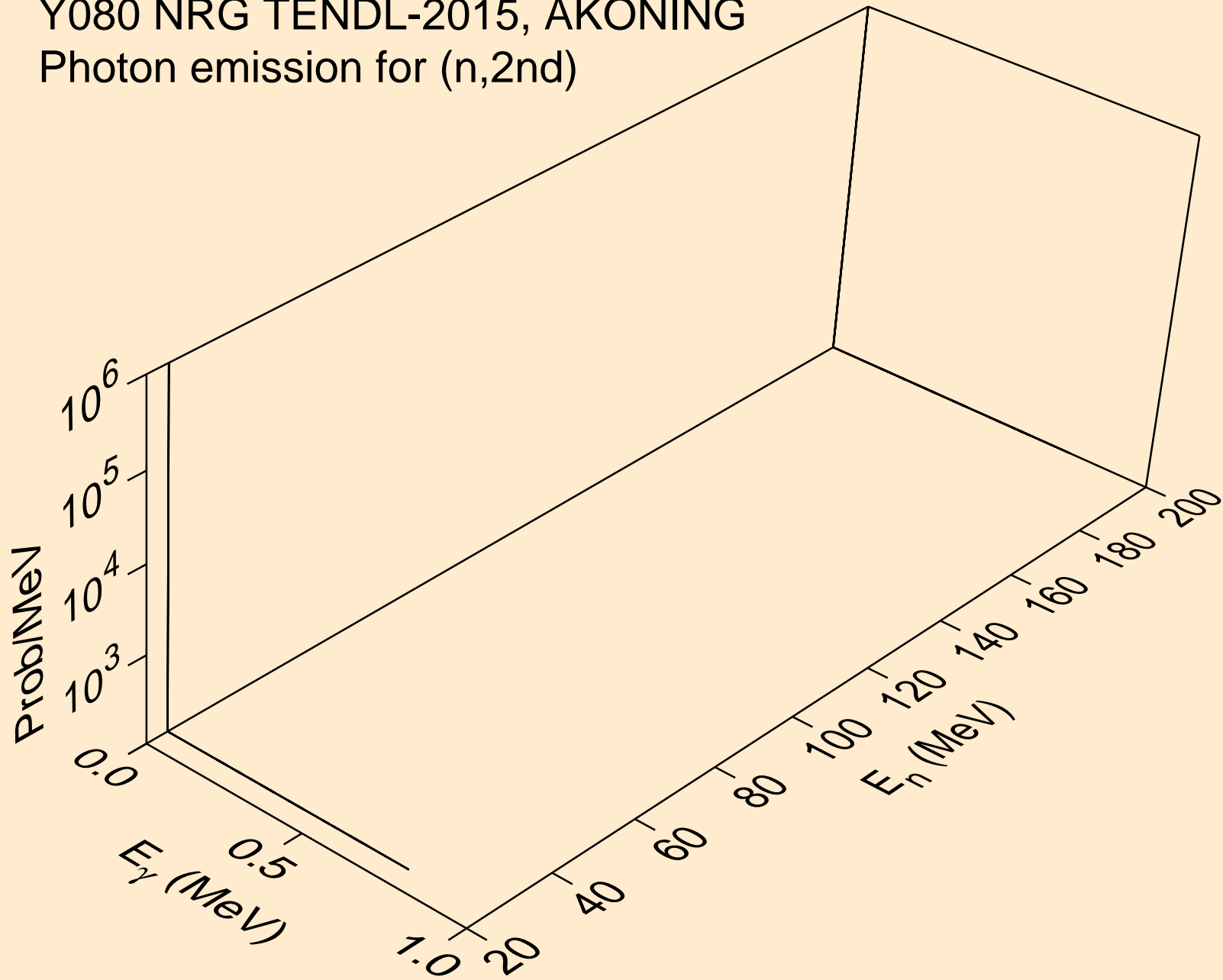
Y080 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



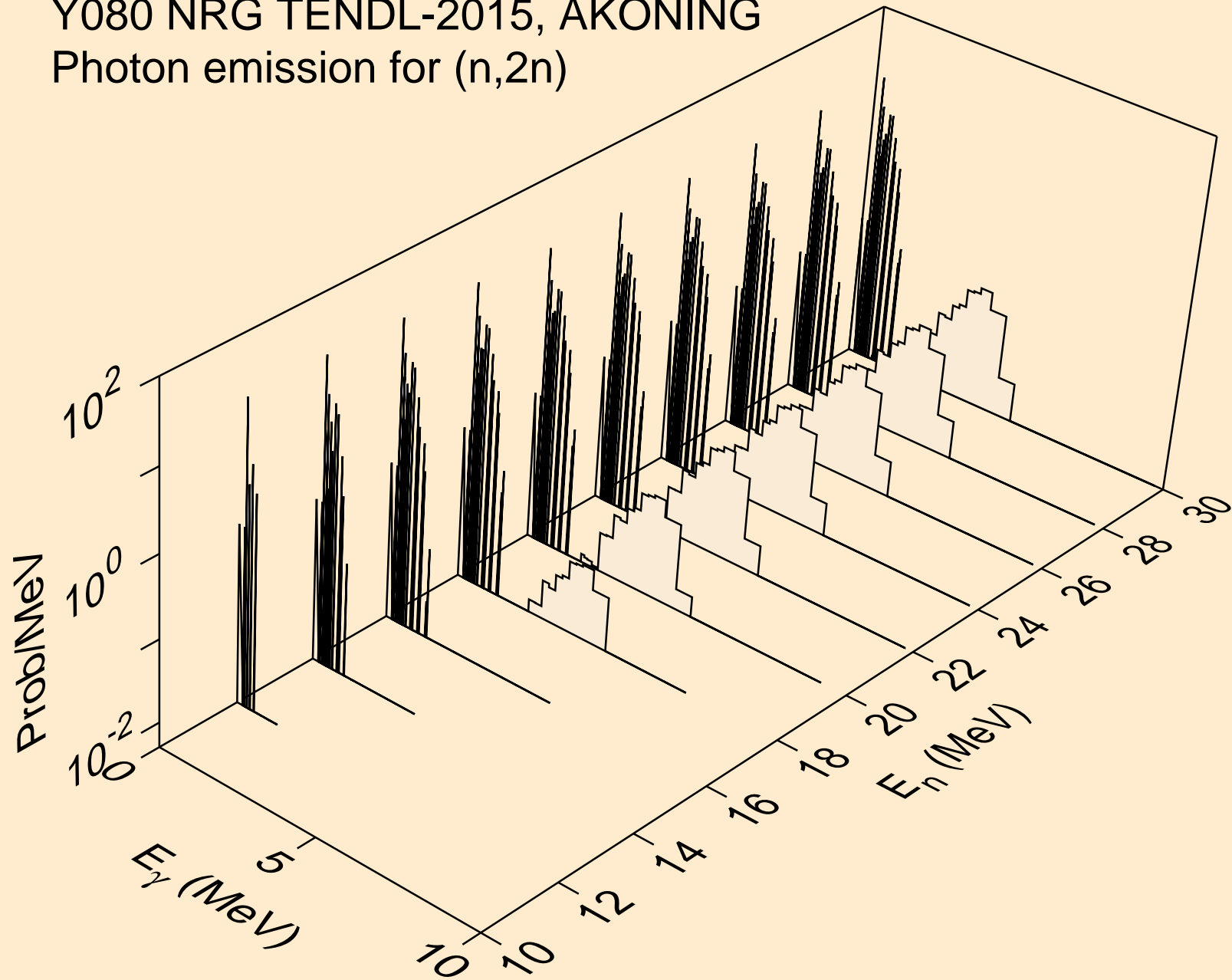
Y080 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



Y080 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

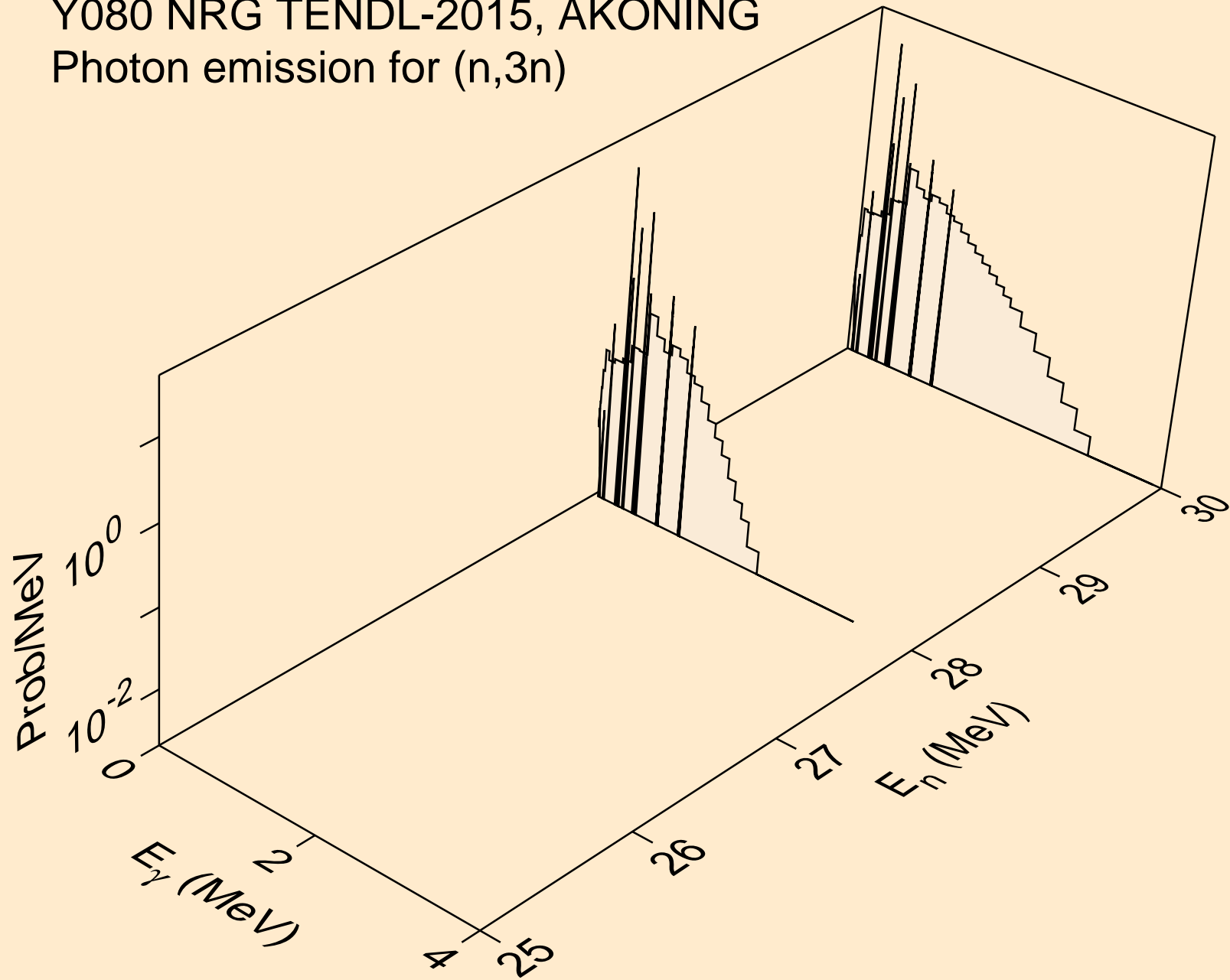


Y080 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

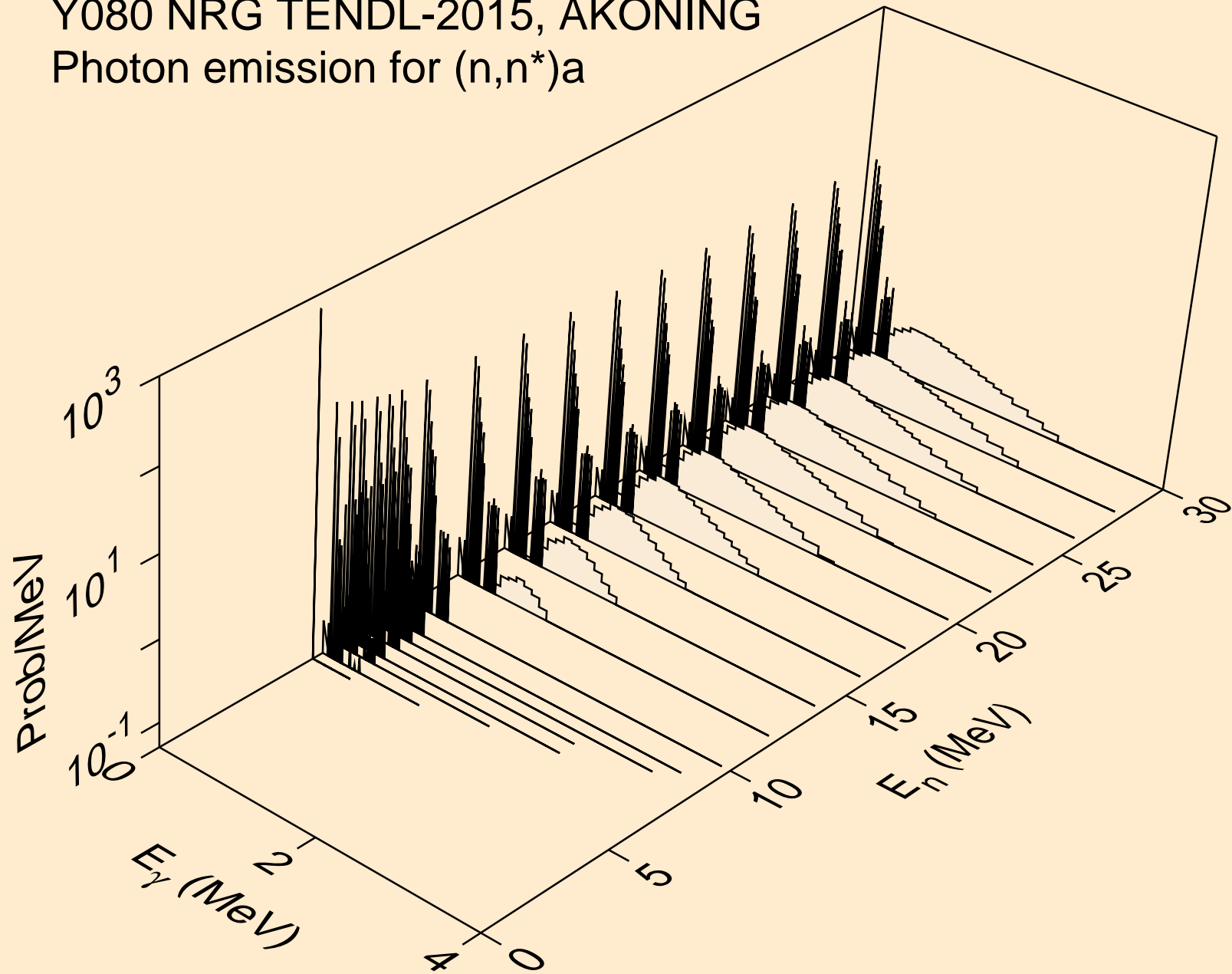




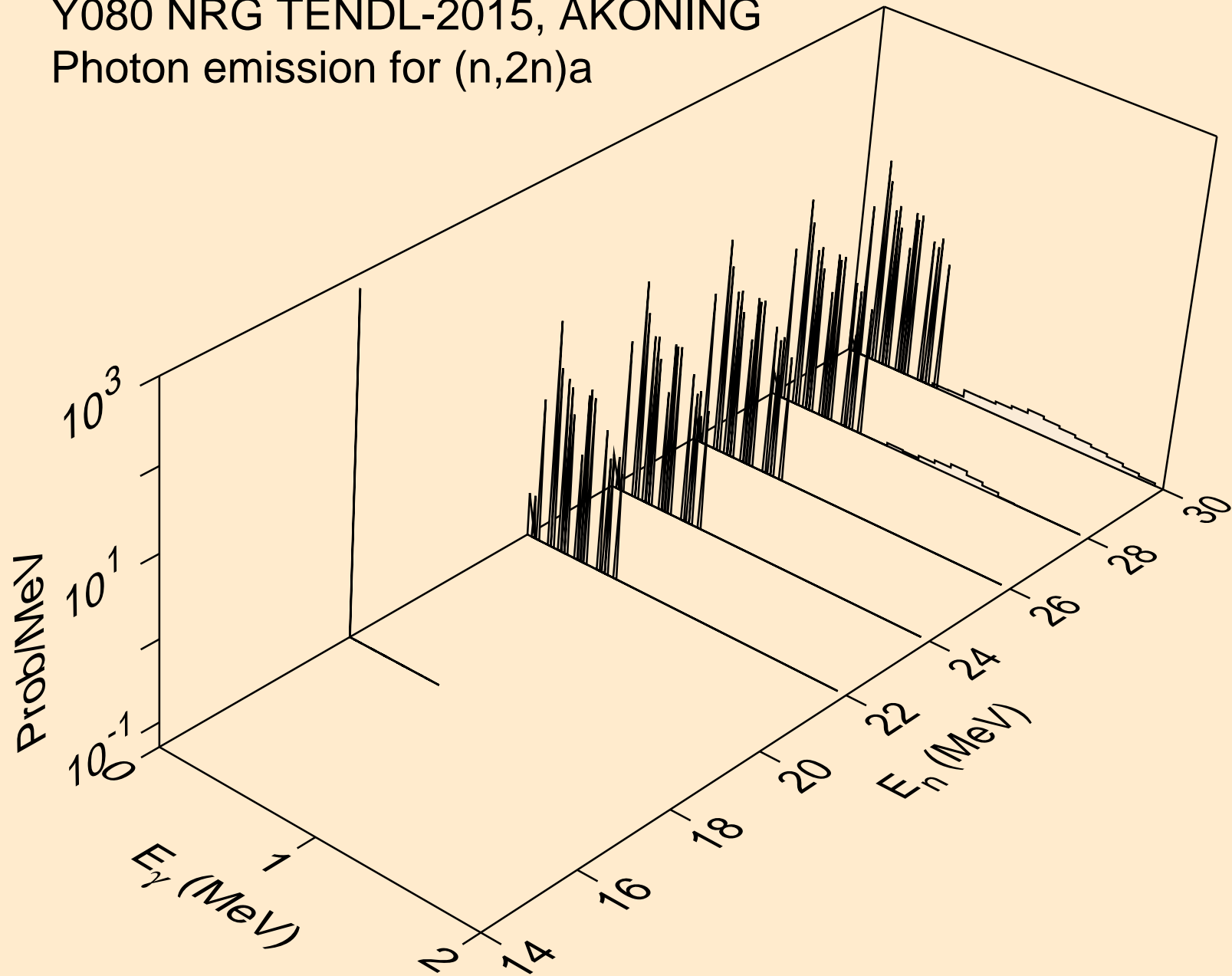
Y080 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



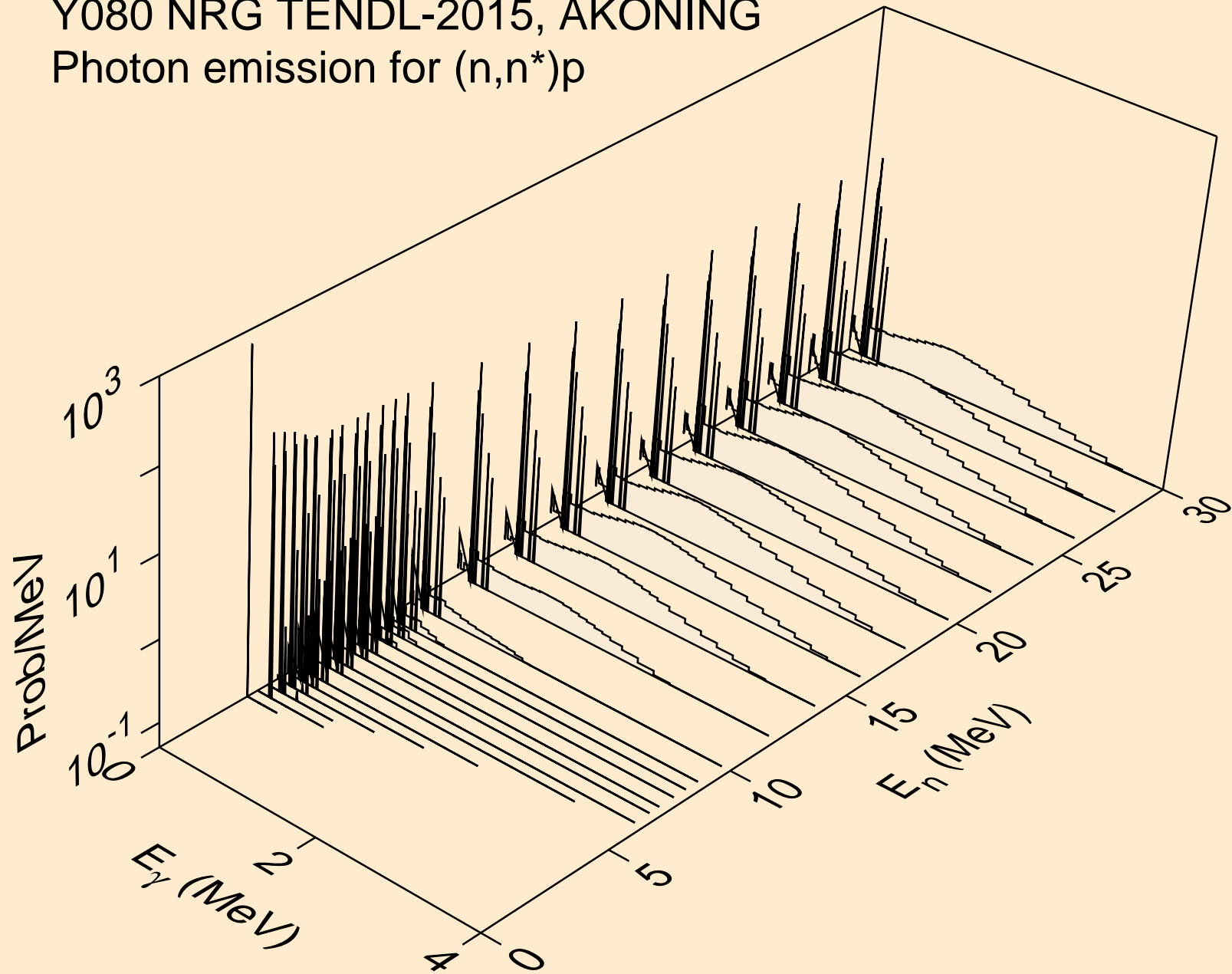
Y080 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



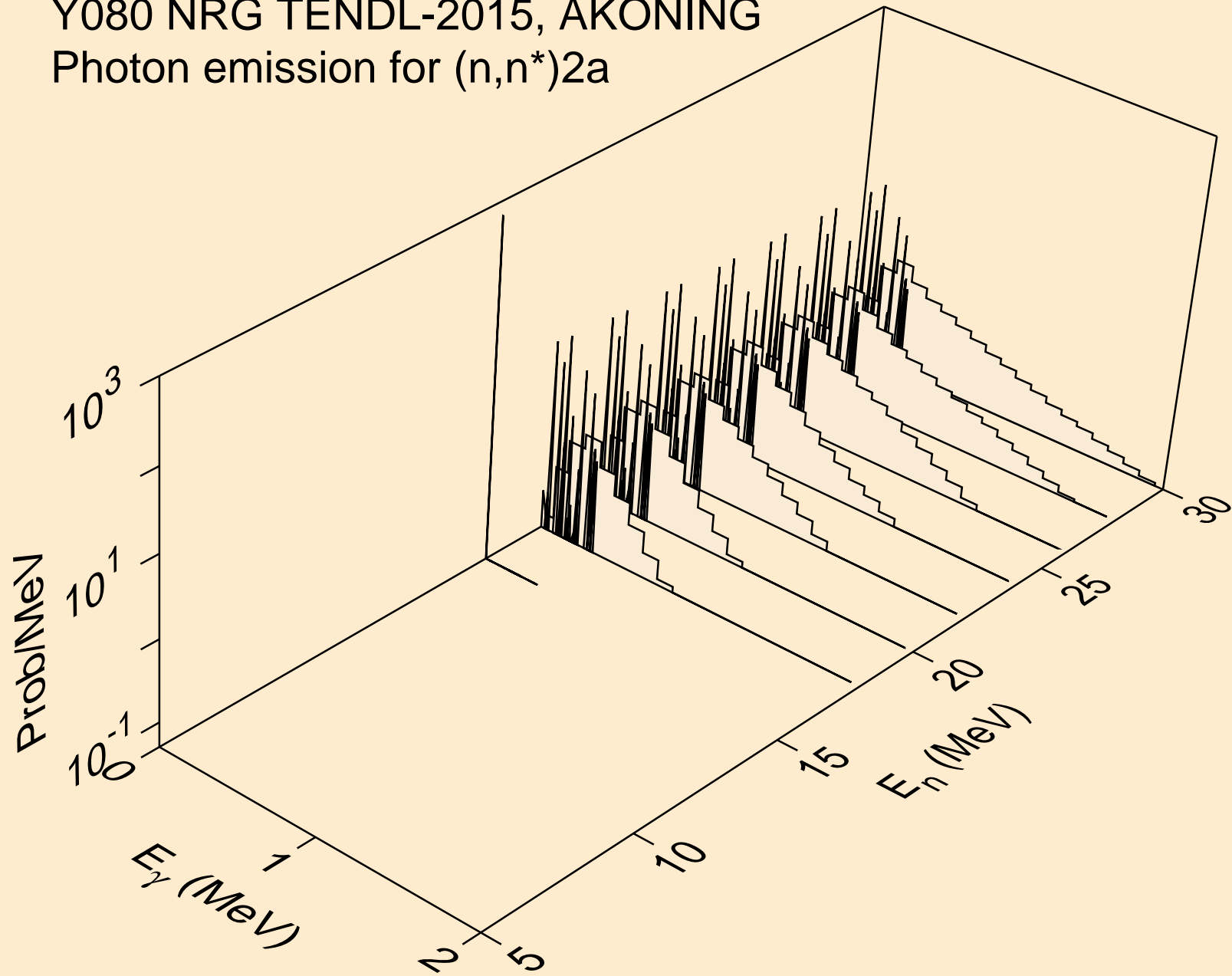
Y080 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



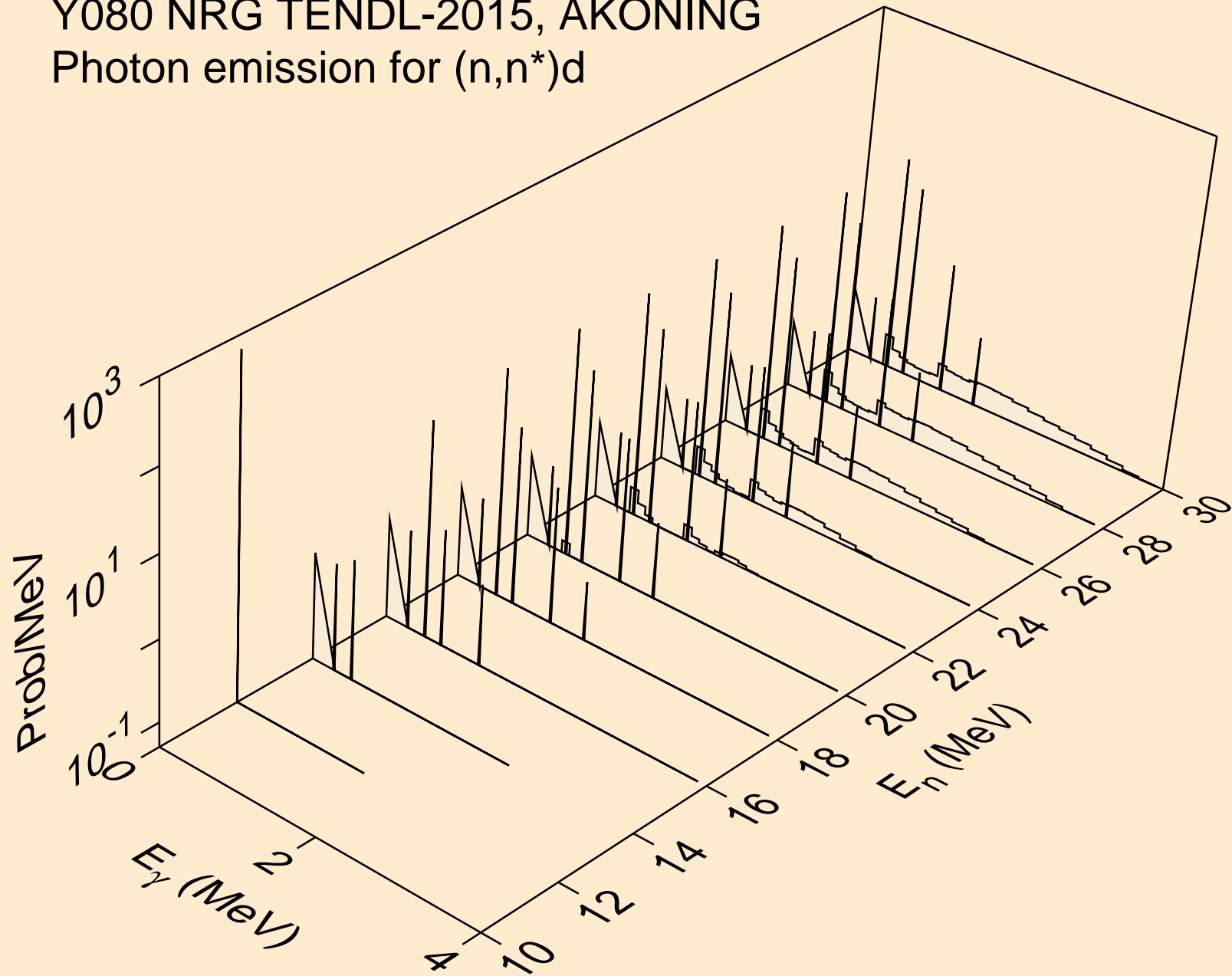
Y080 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



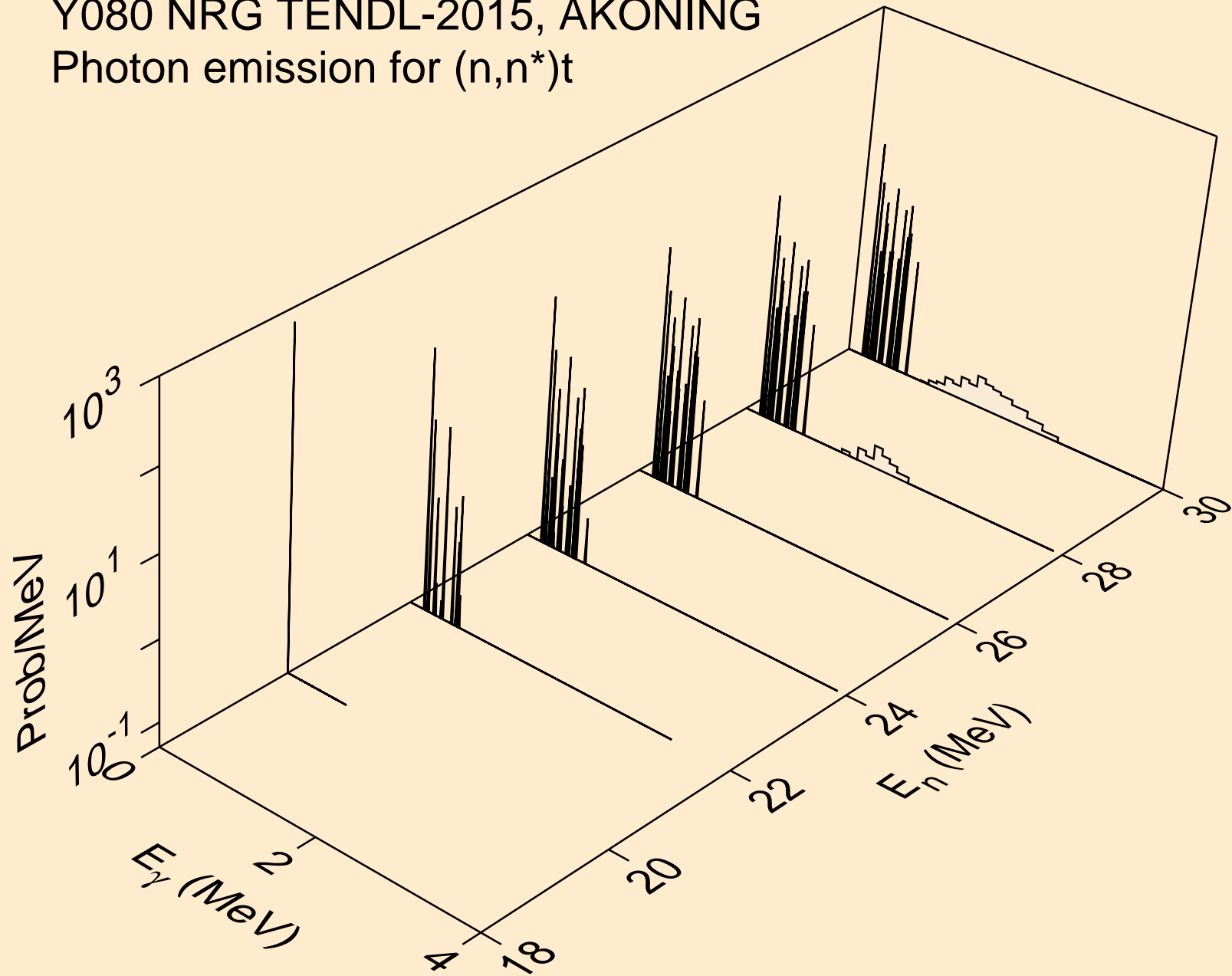
Y080 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



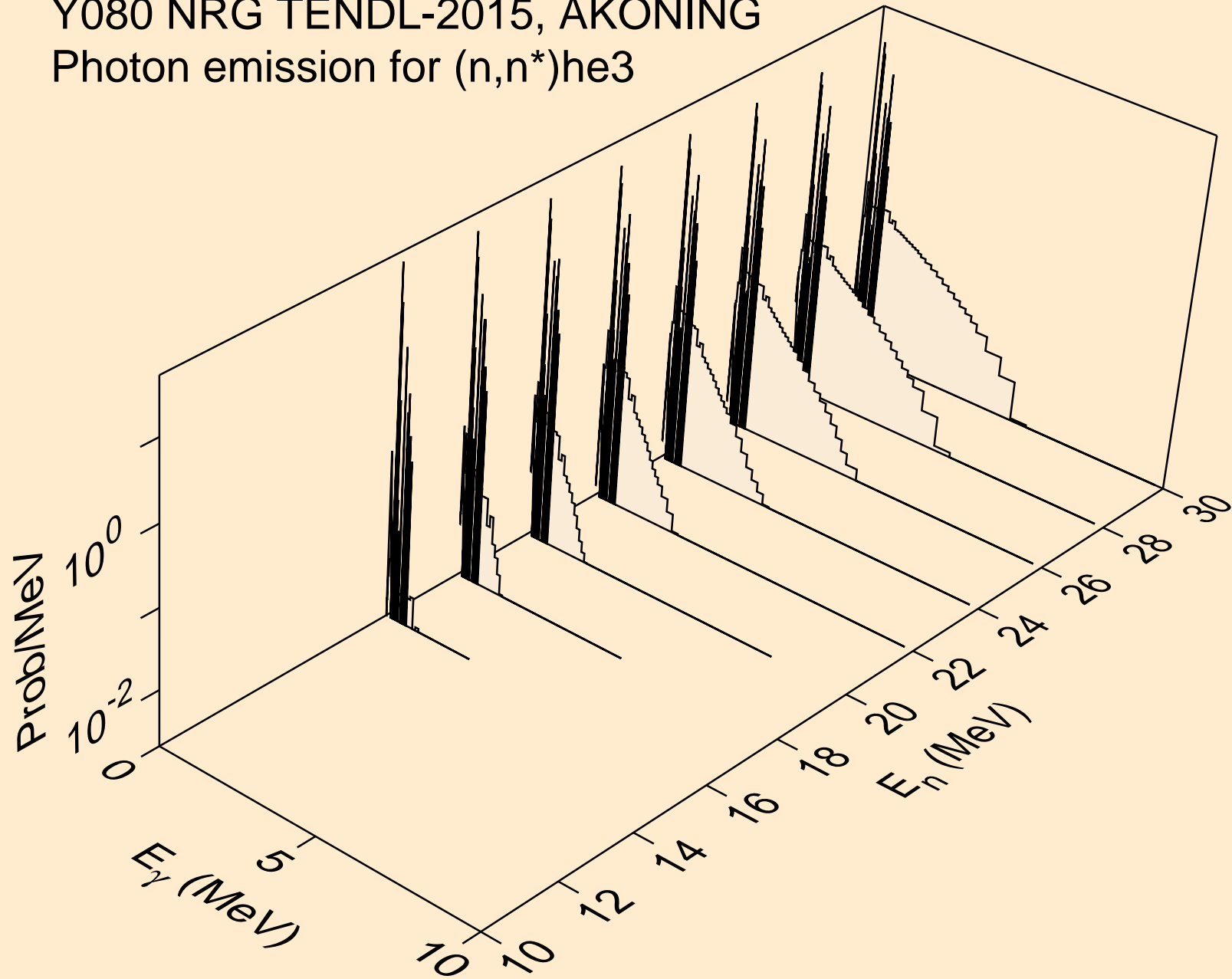
Y080 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



Y080 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

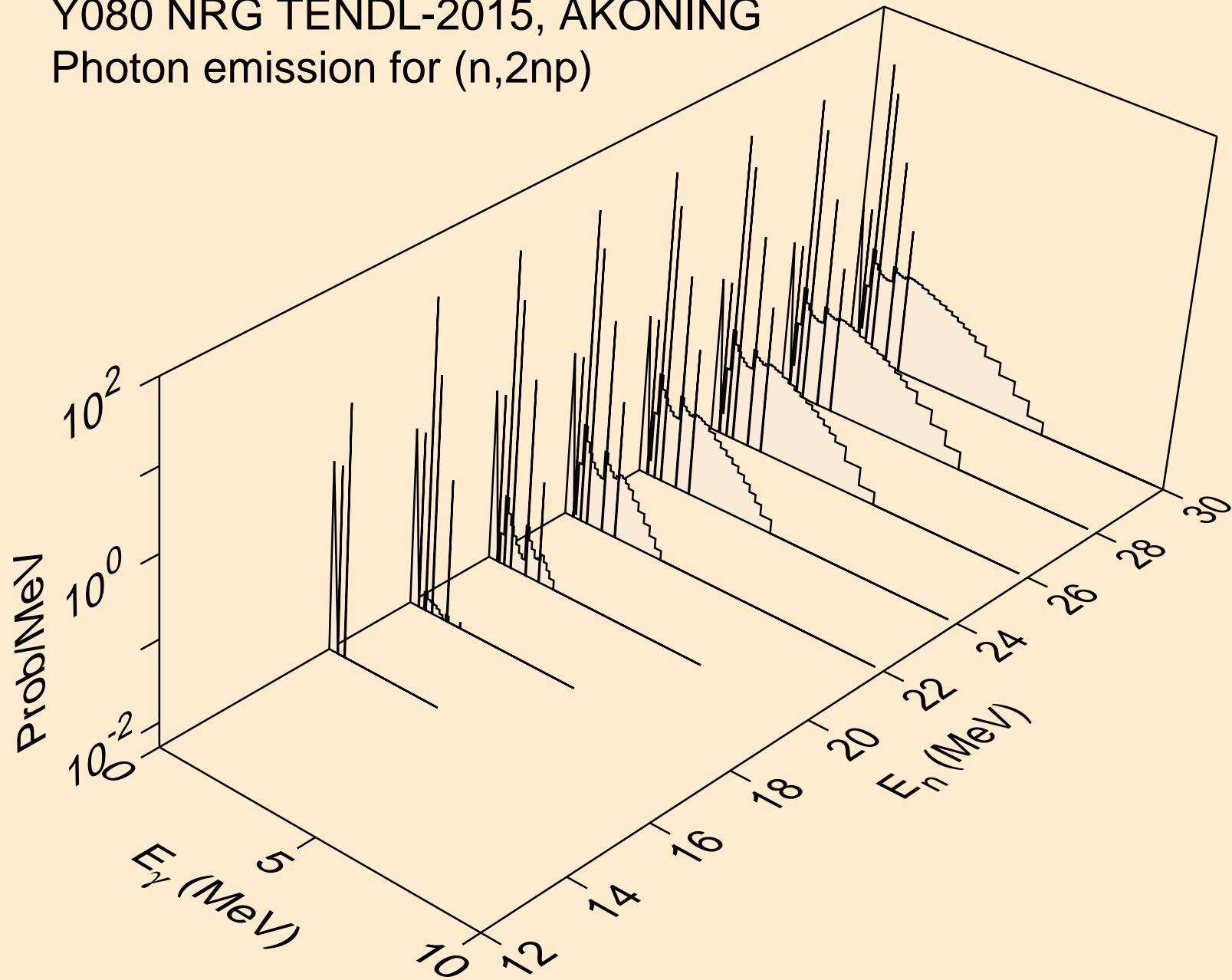


Y080 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

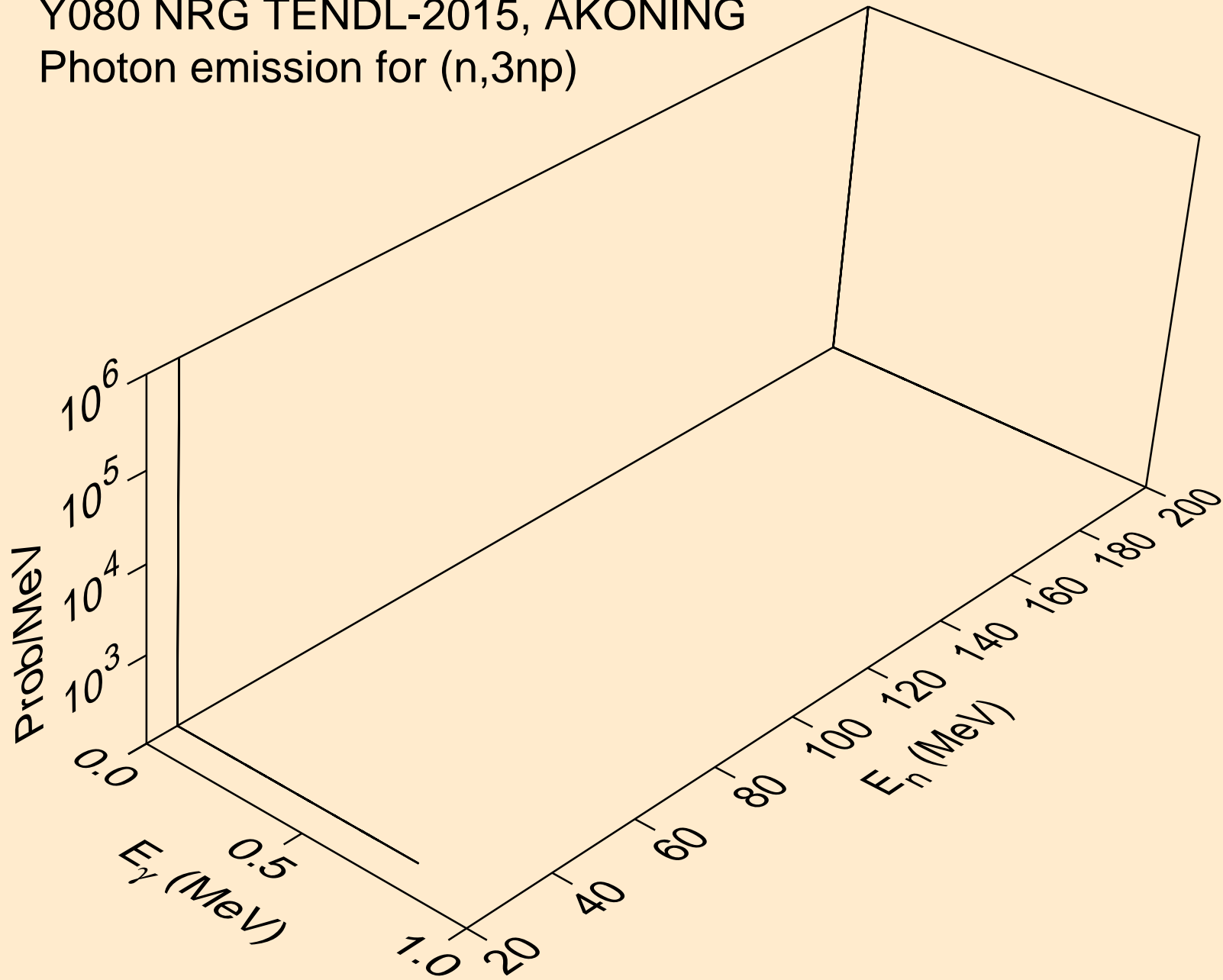




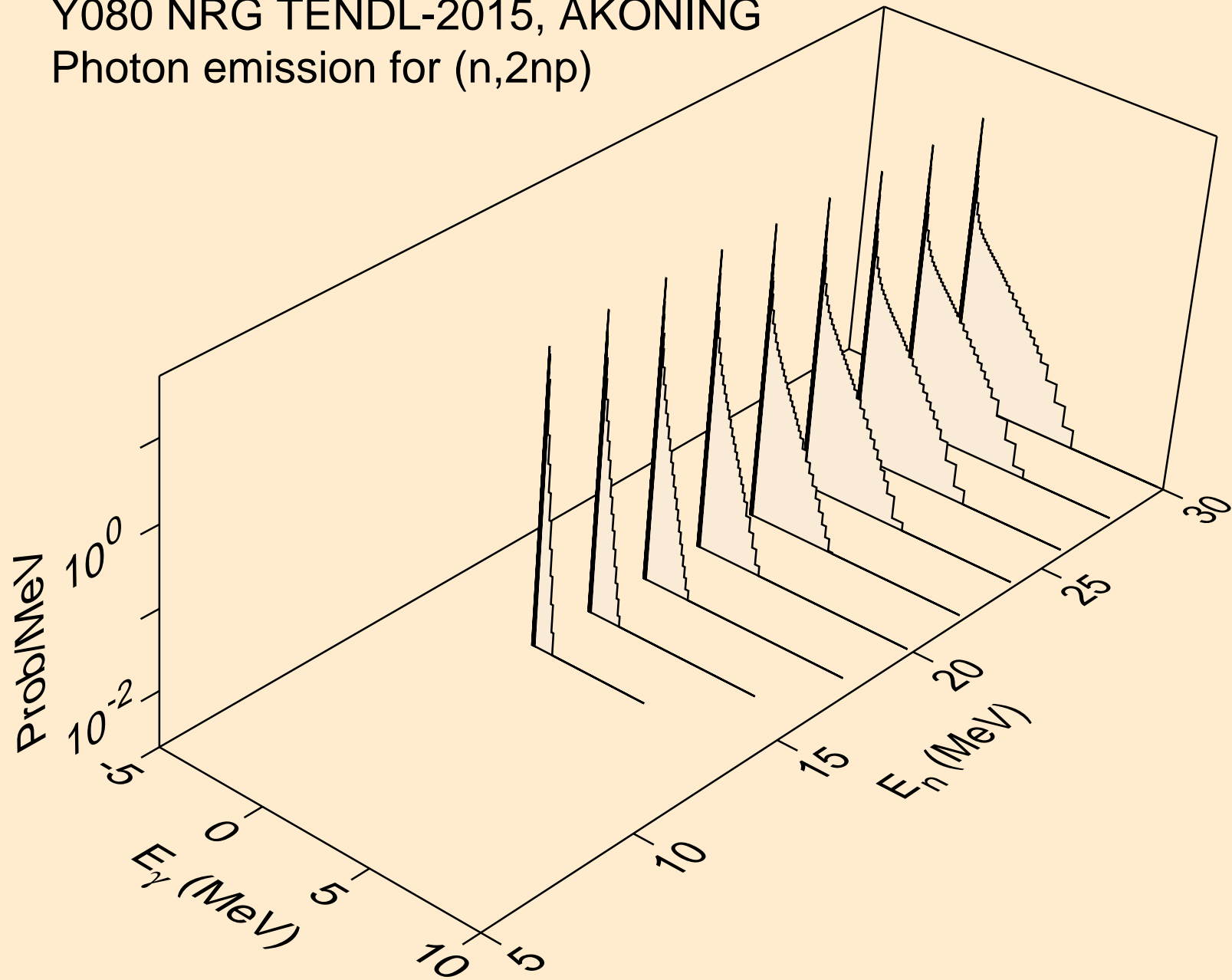
Y080 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



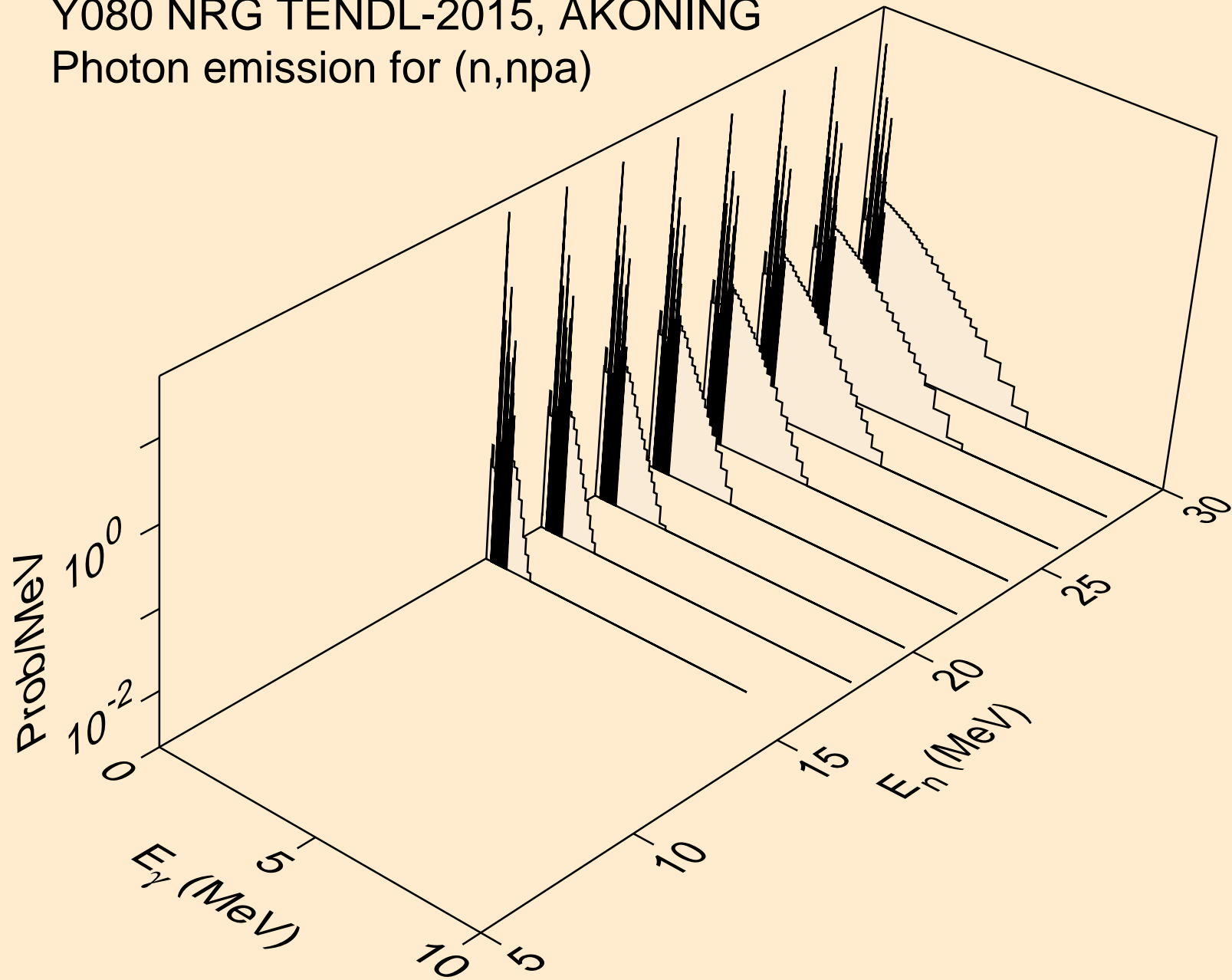
Y080 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



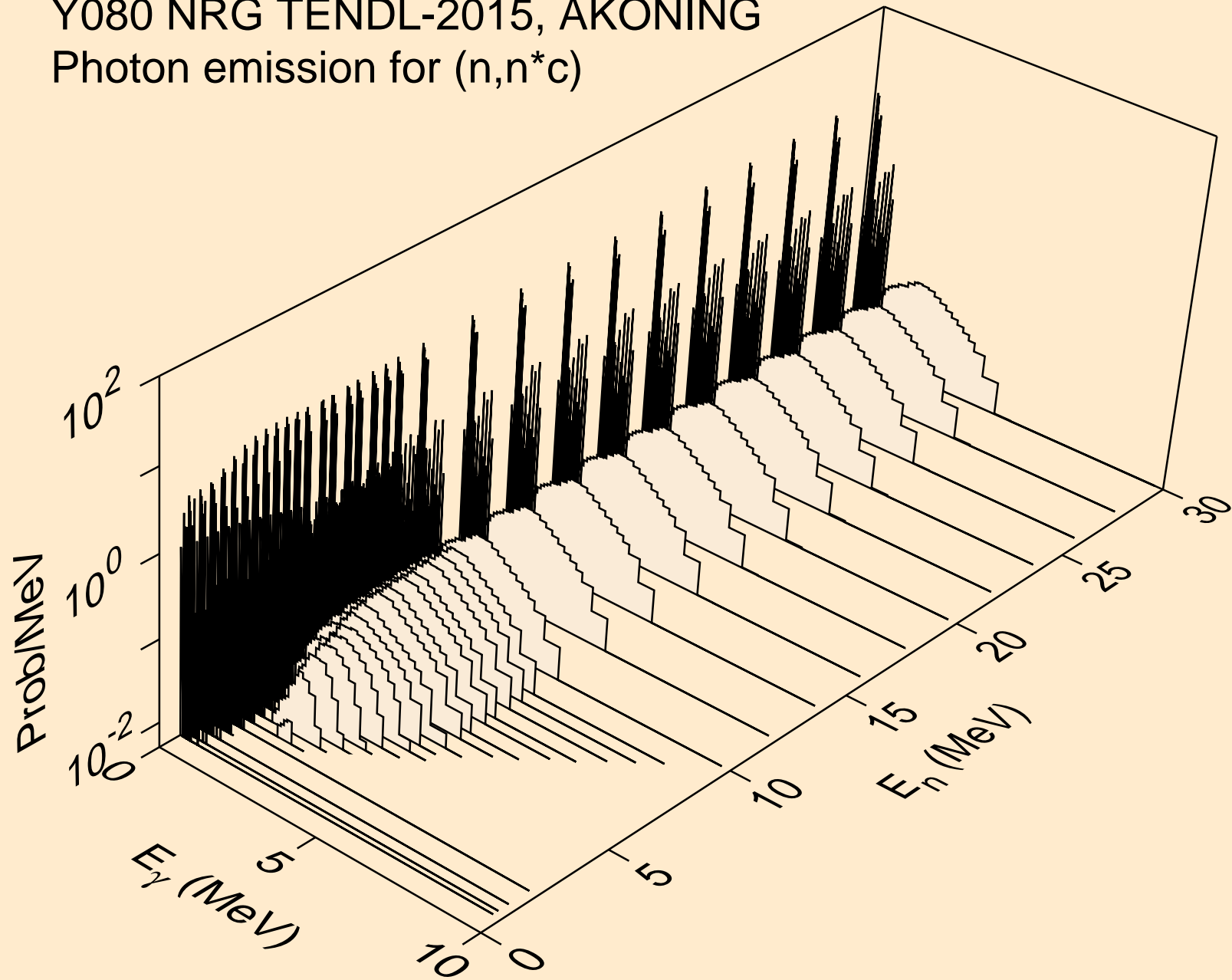
Y080 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



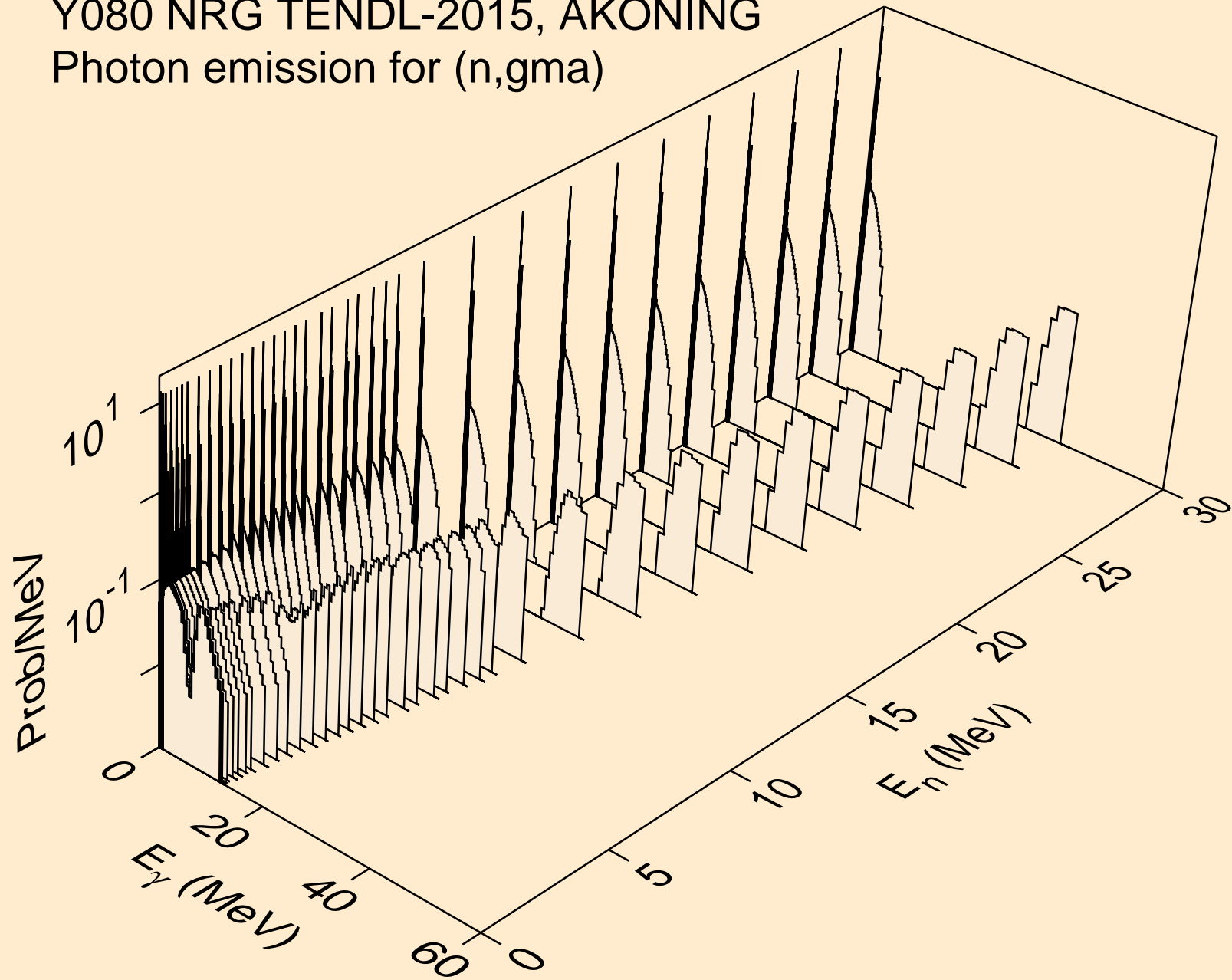
Y080 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



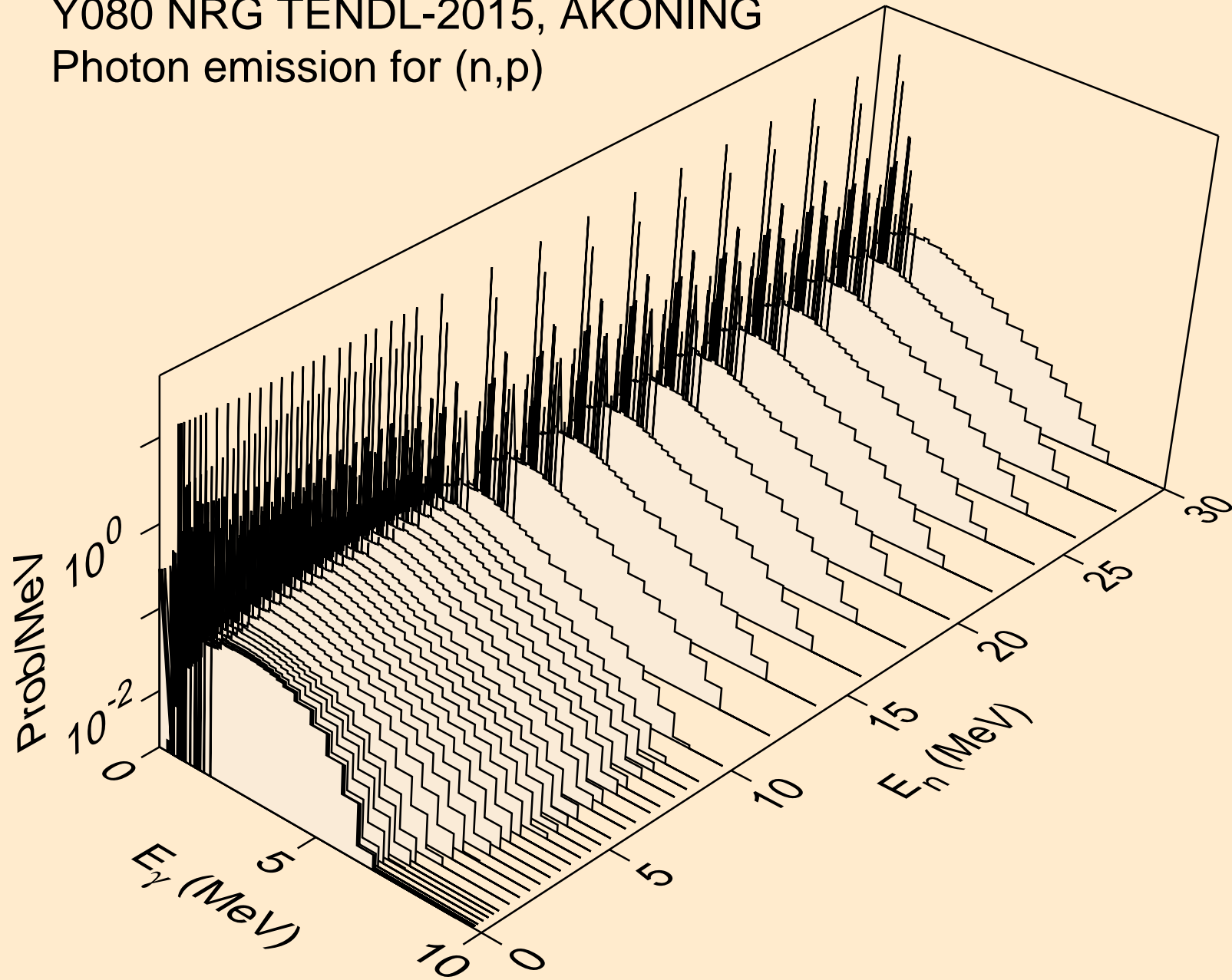
Y080 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



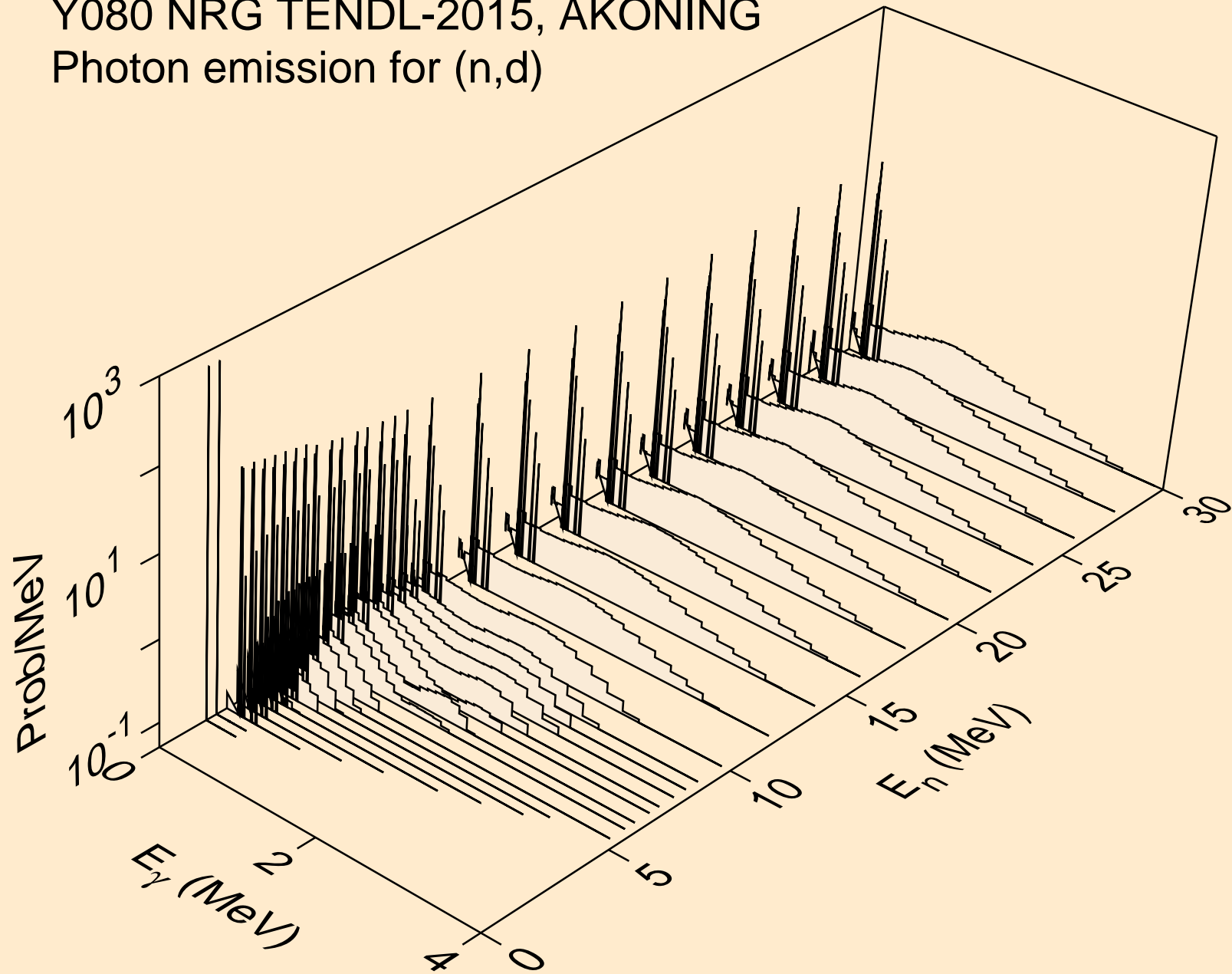
Y080 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



Y080 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

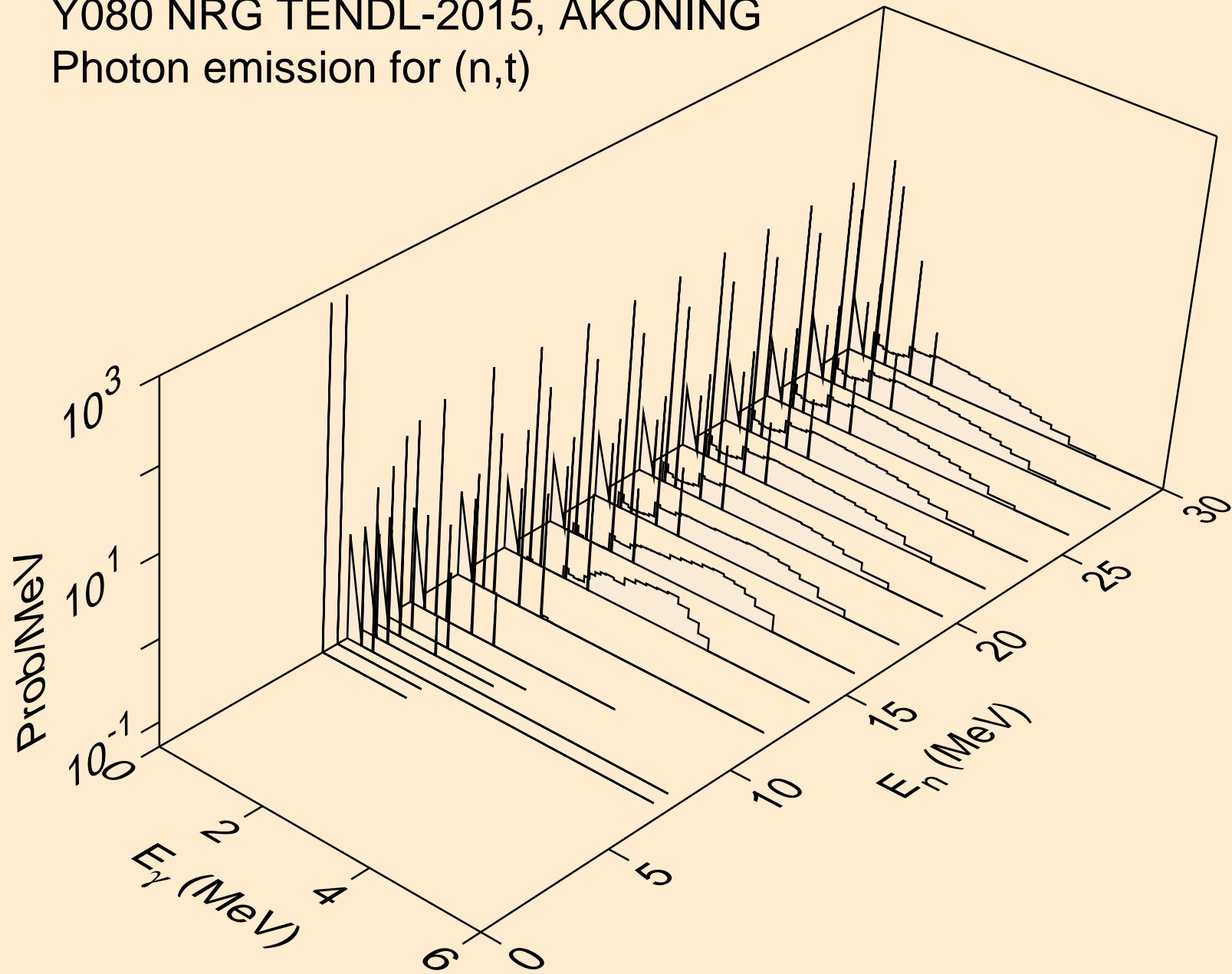


Y080 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

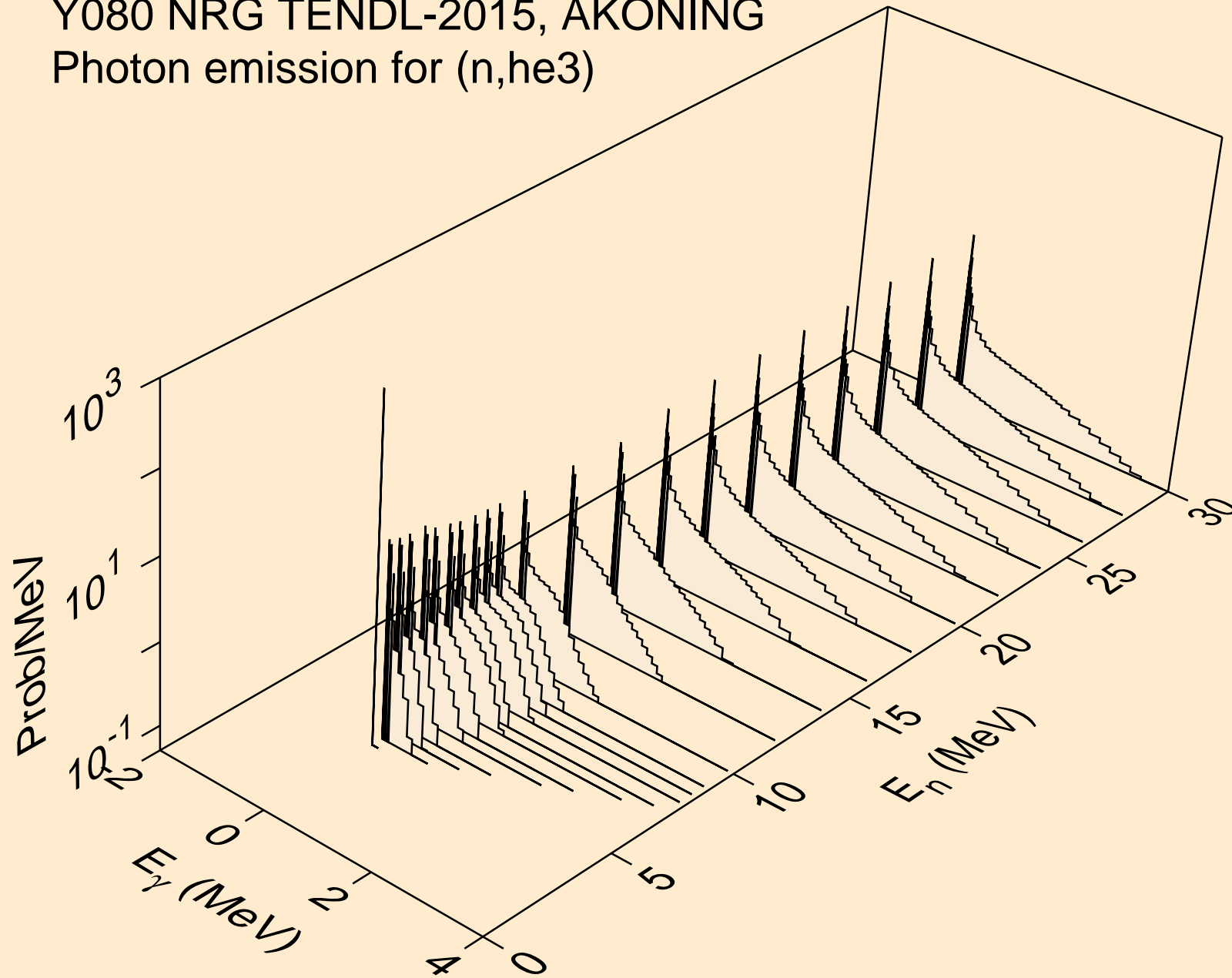




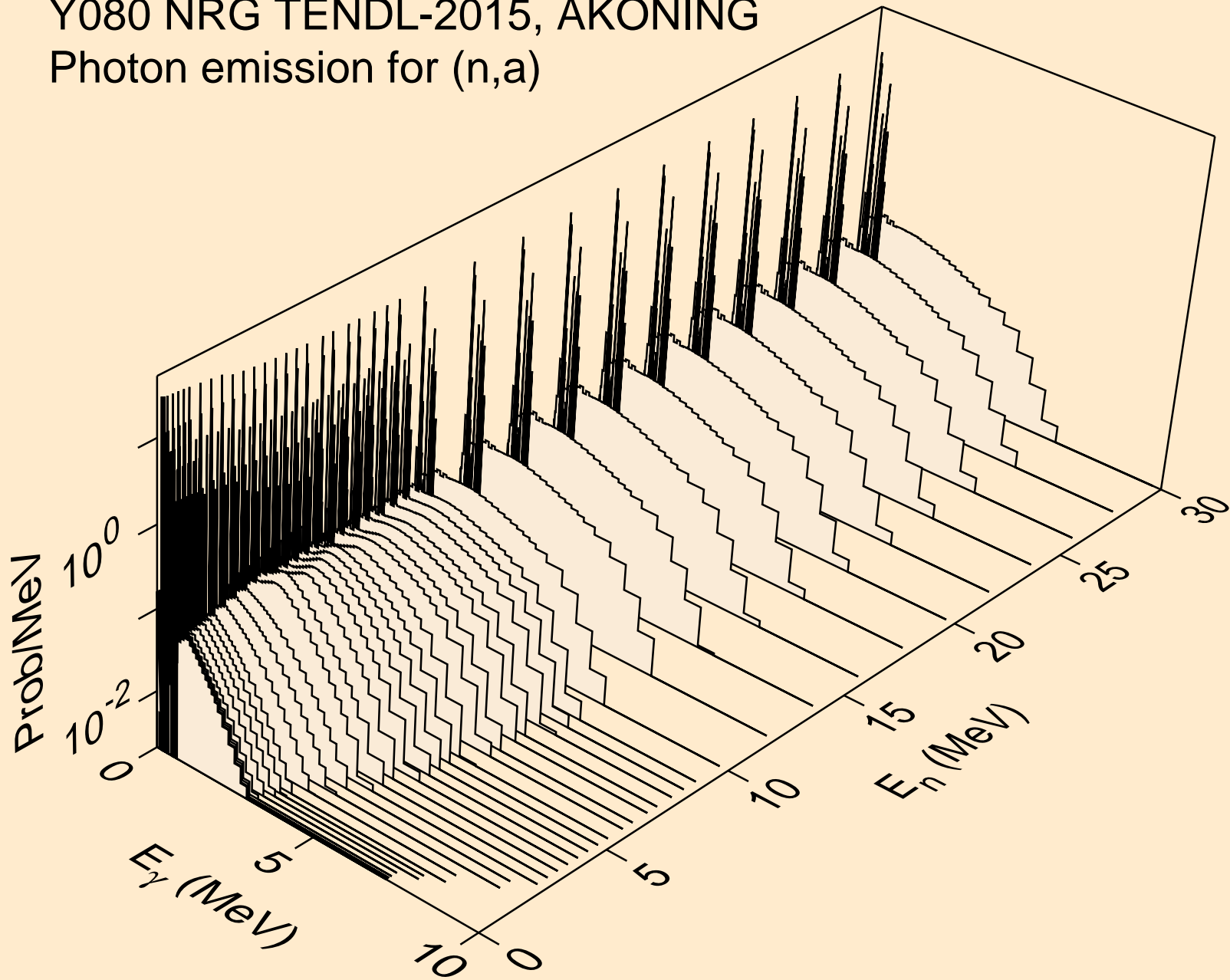
Y080 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



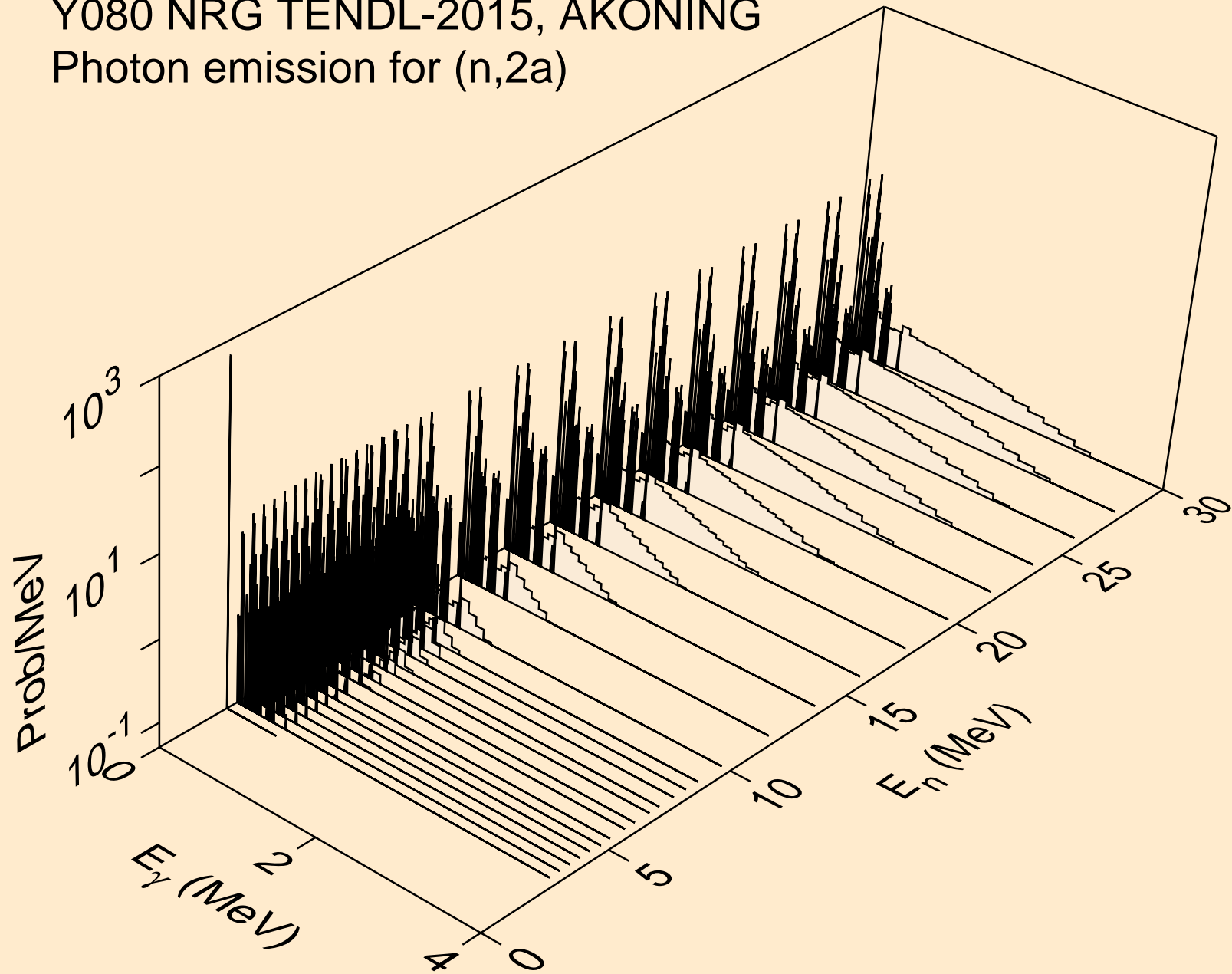
Y080 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



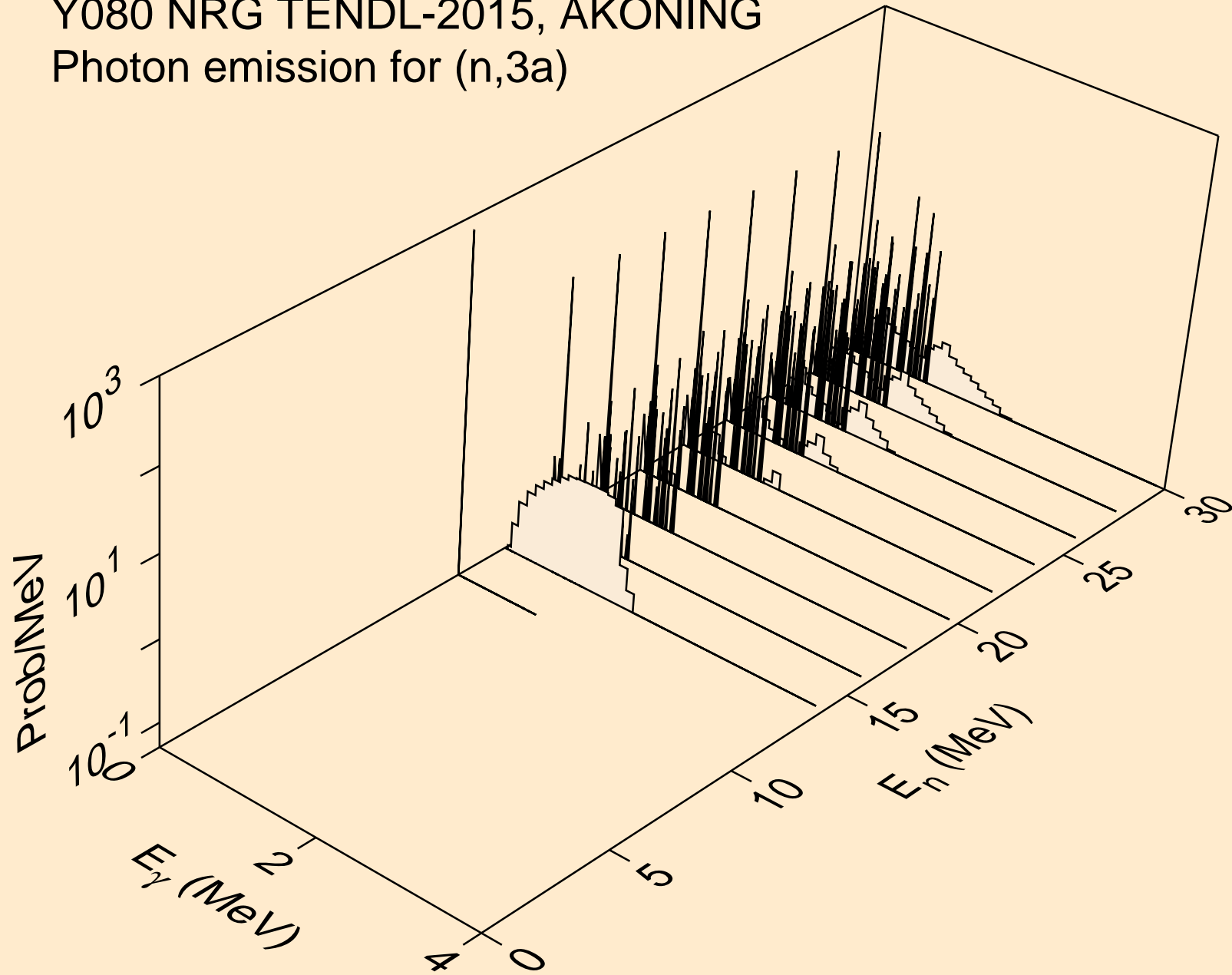
Y080 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



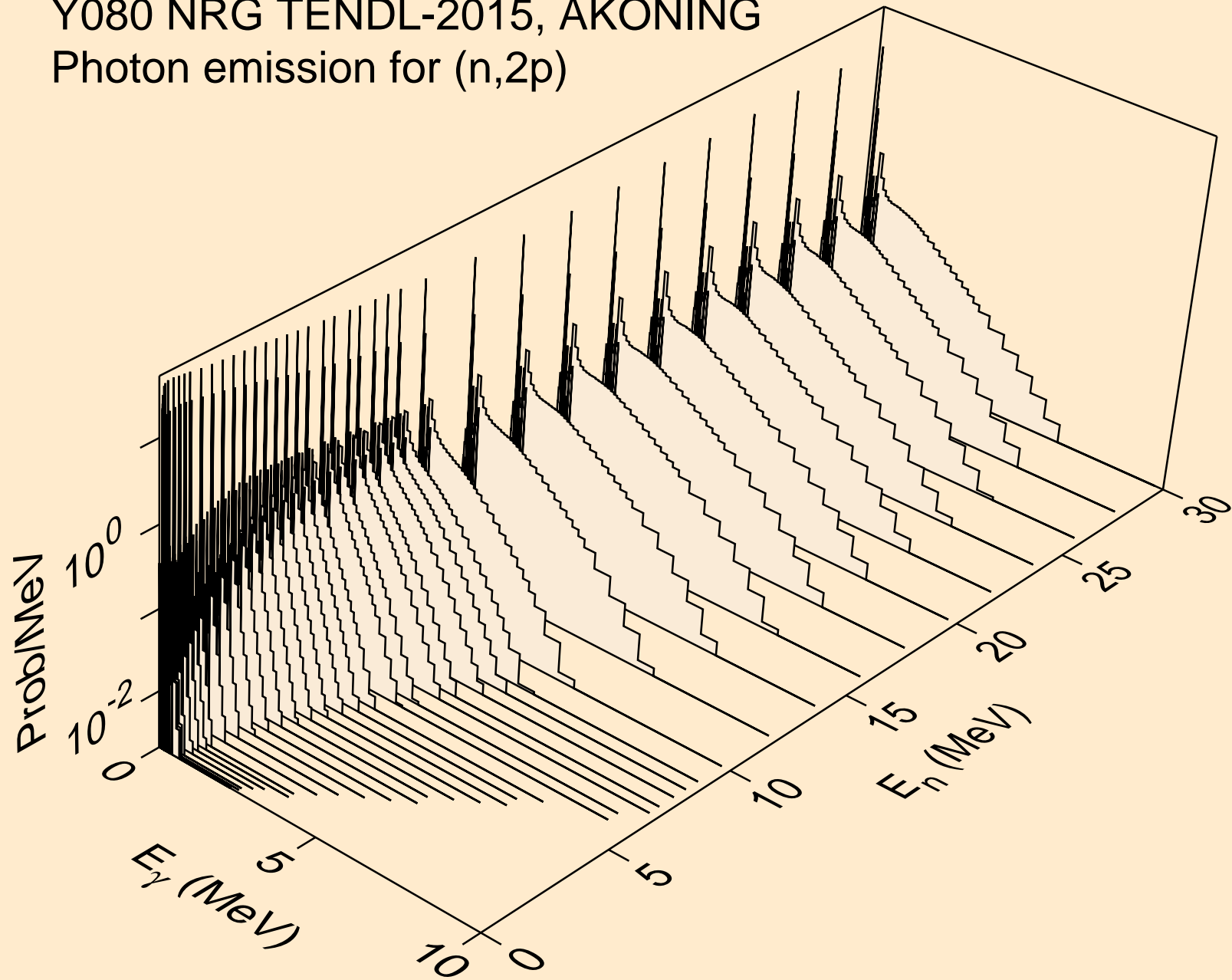
Y080 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



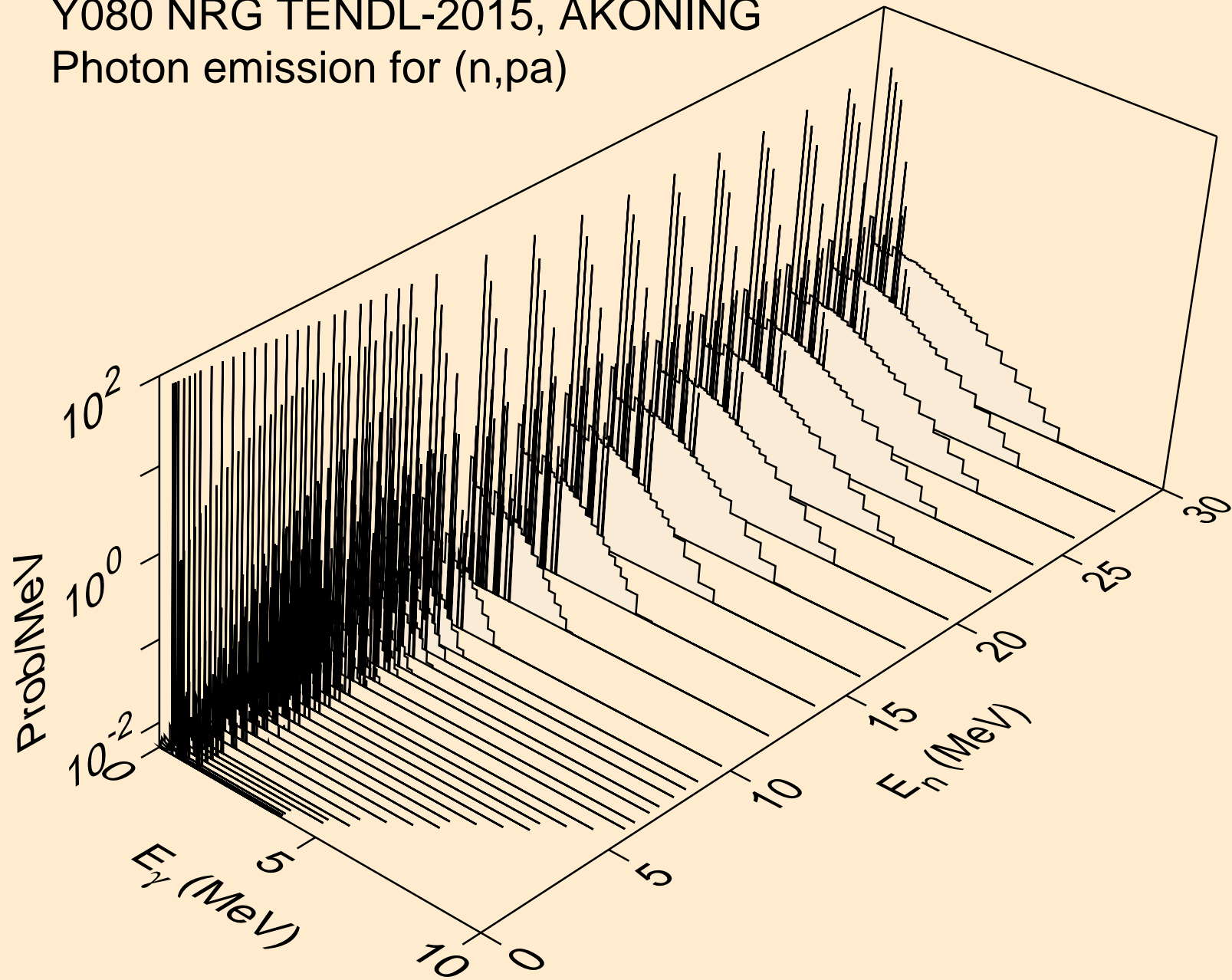
Y080 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



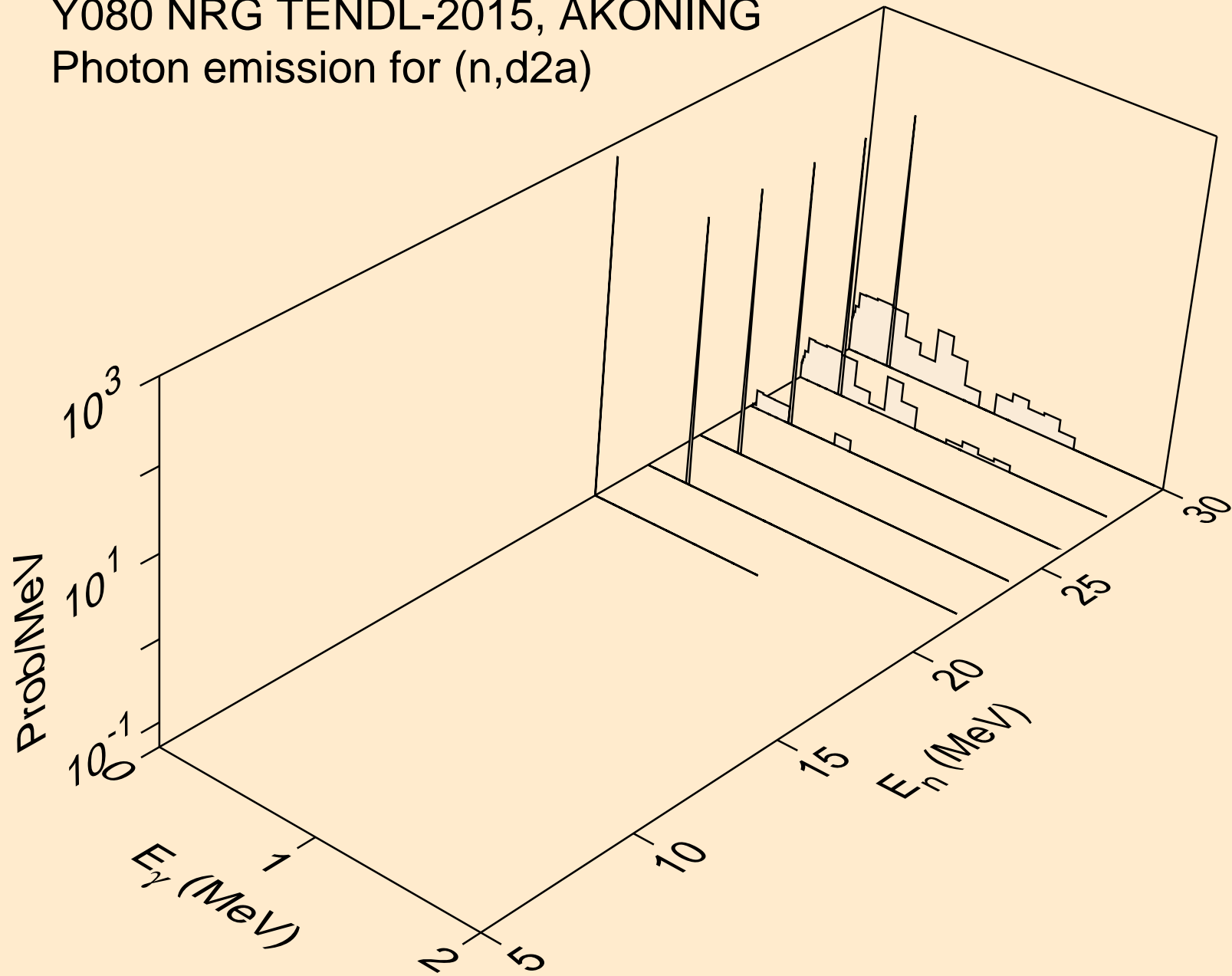
Y080 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



Y080 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

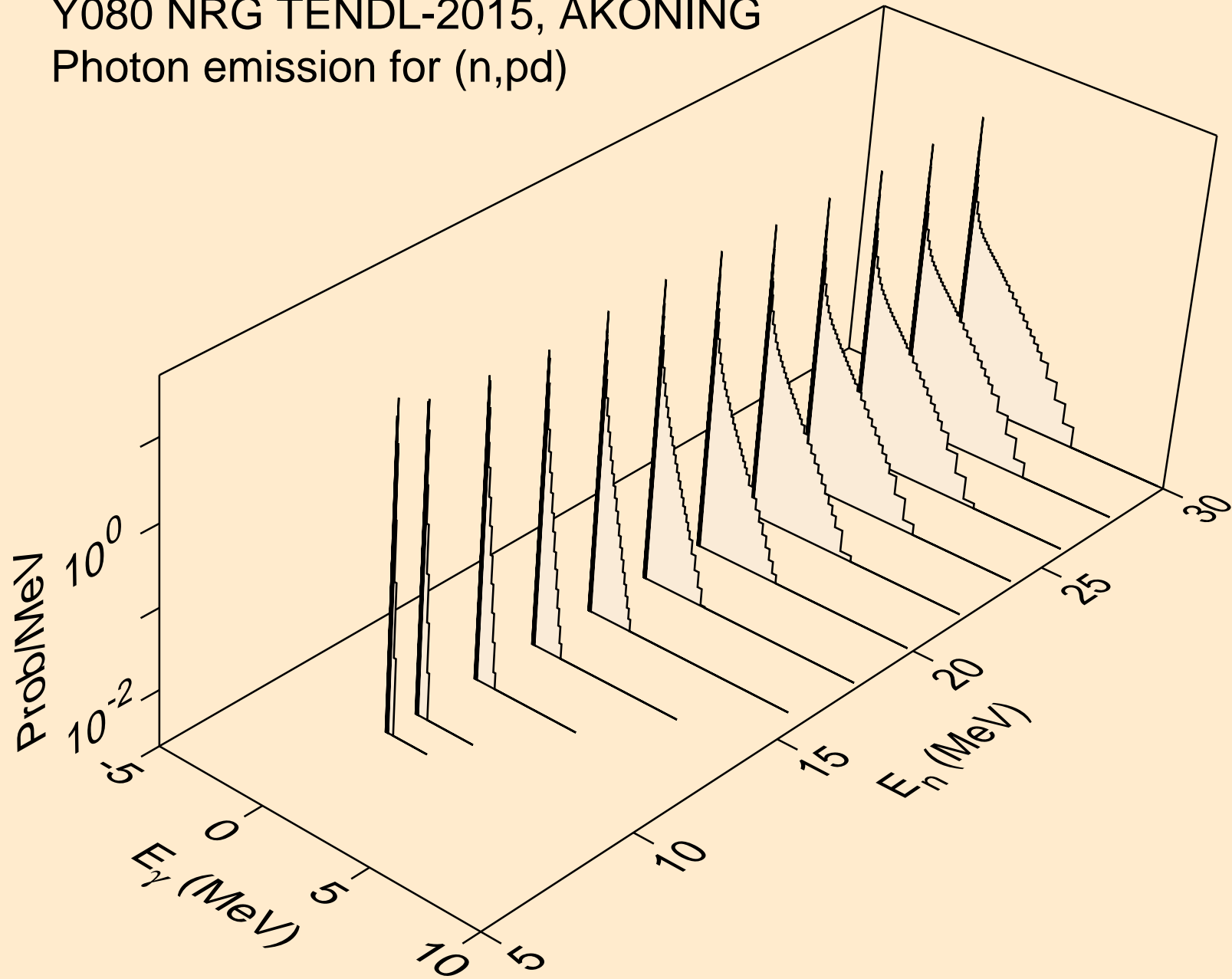


Y080 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)

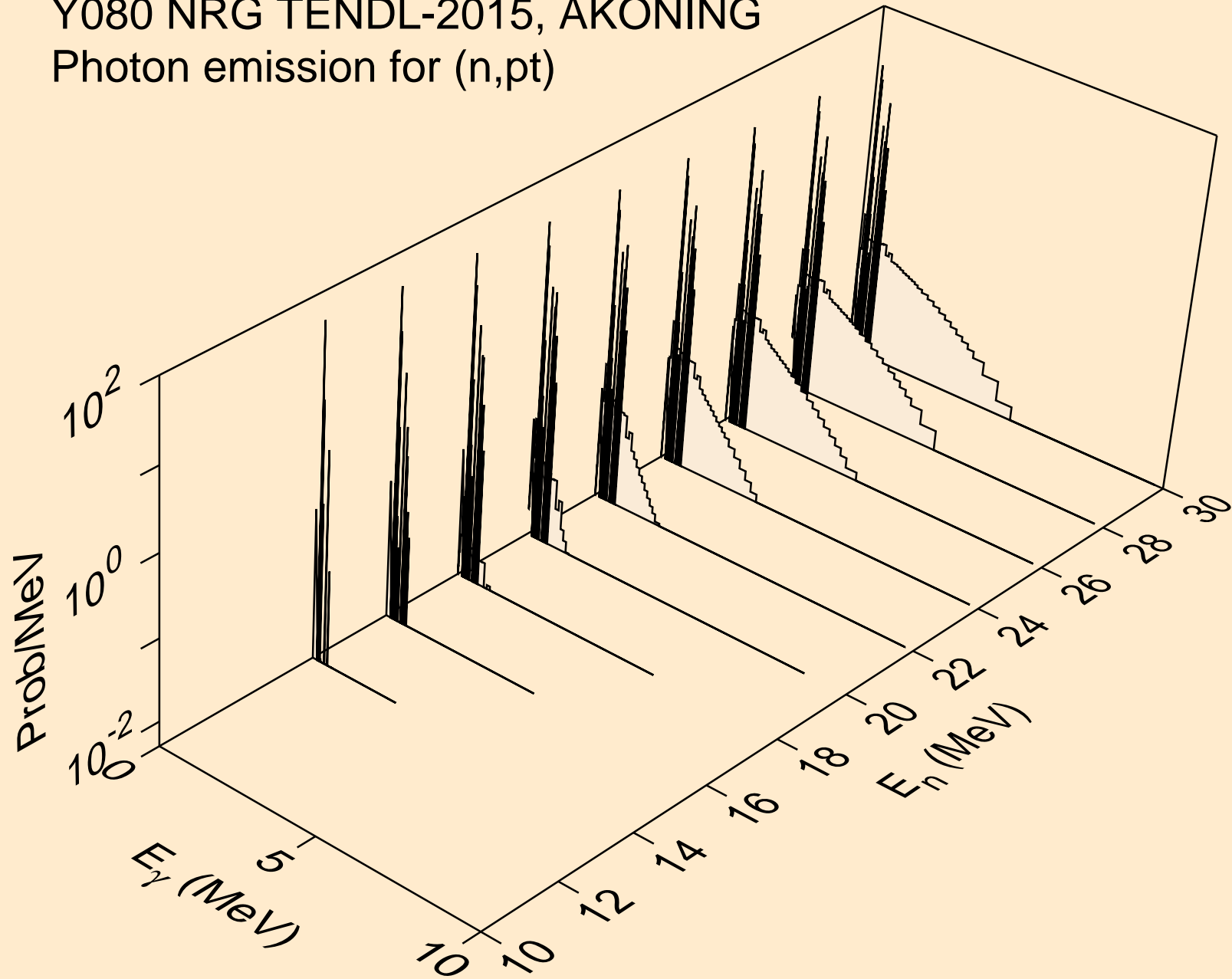




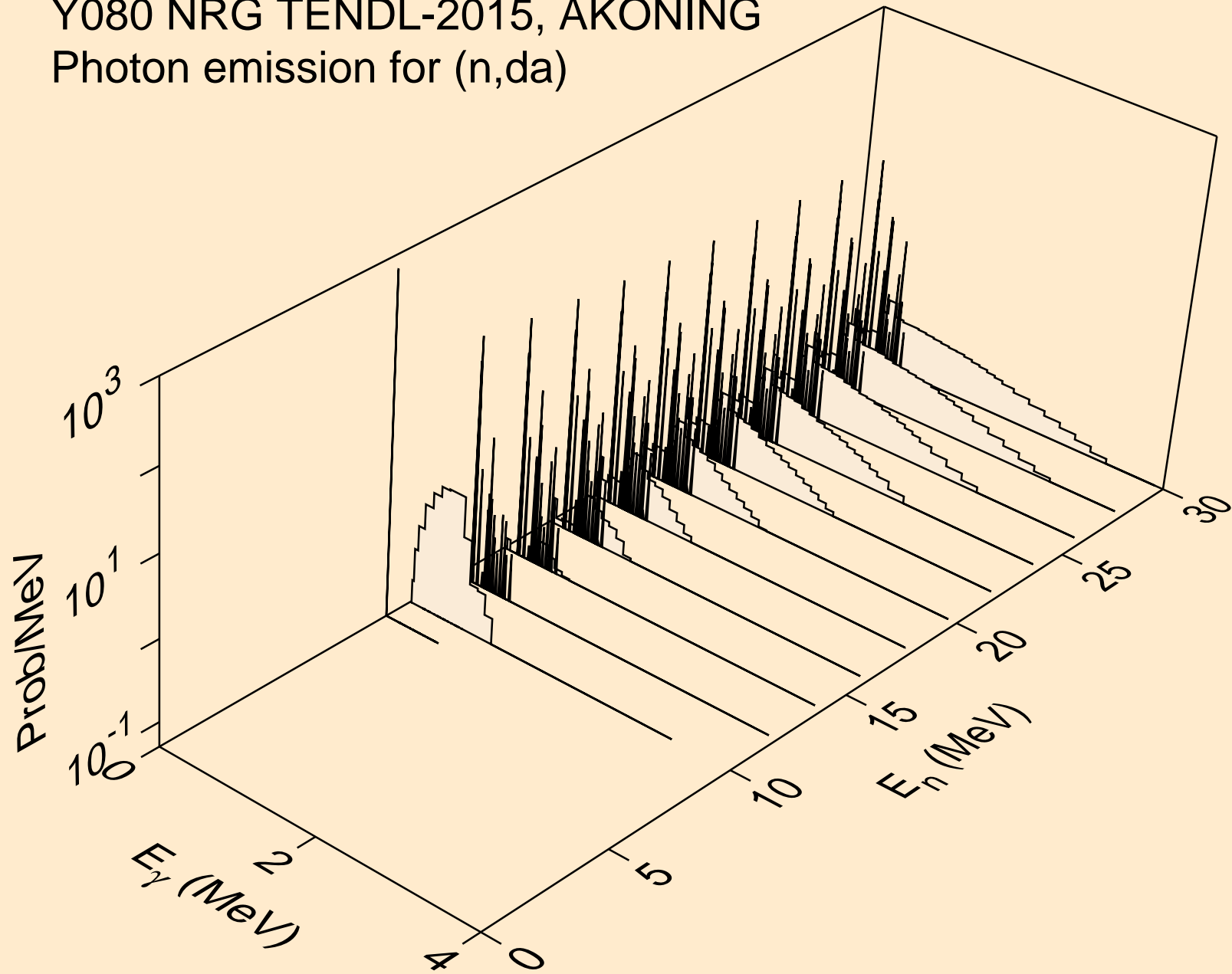
Y080 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



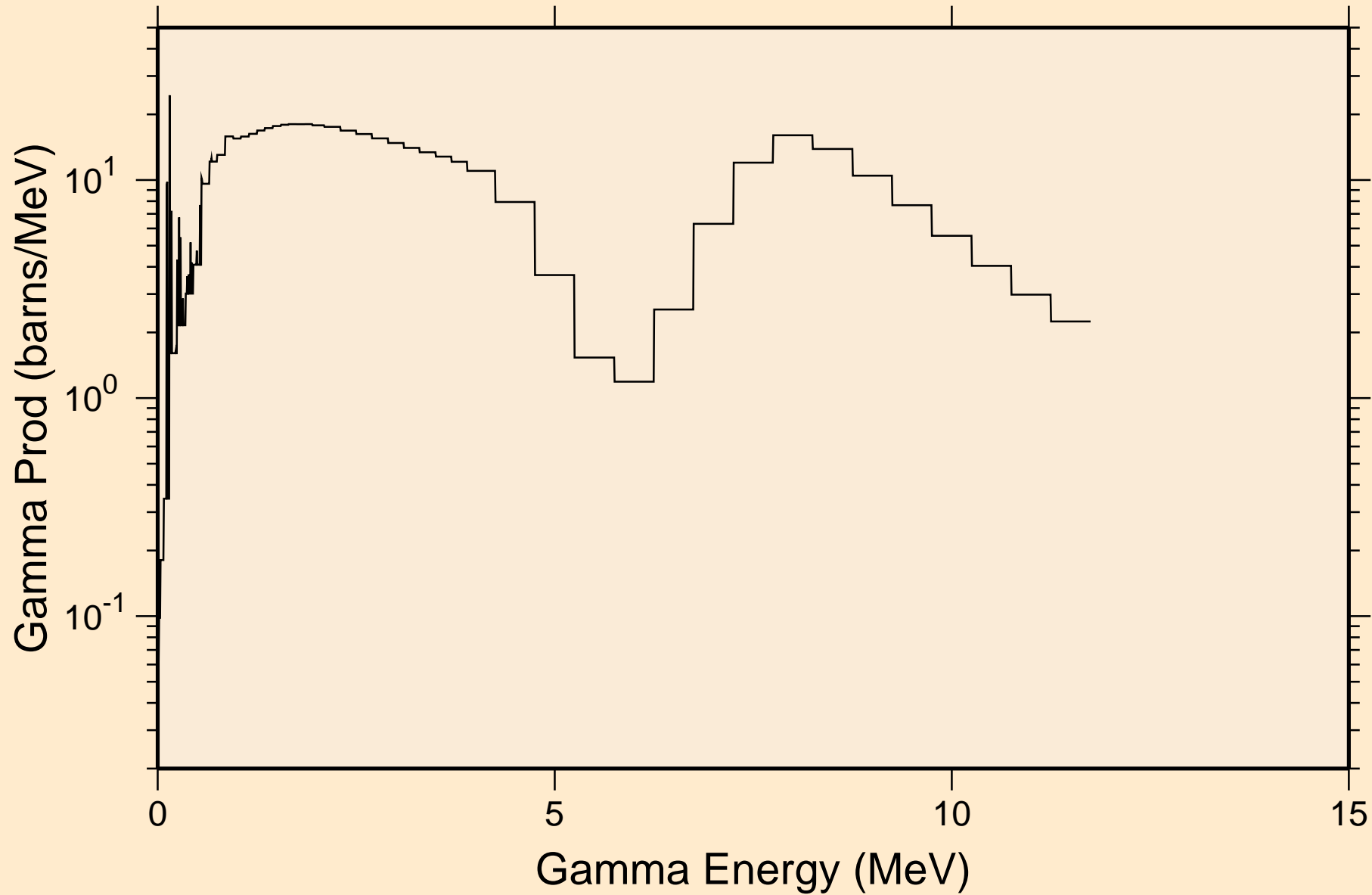
Y080 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



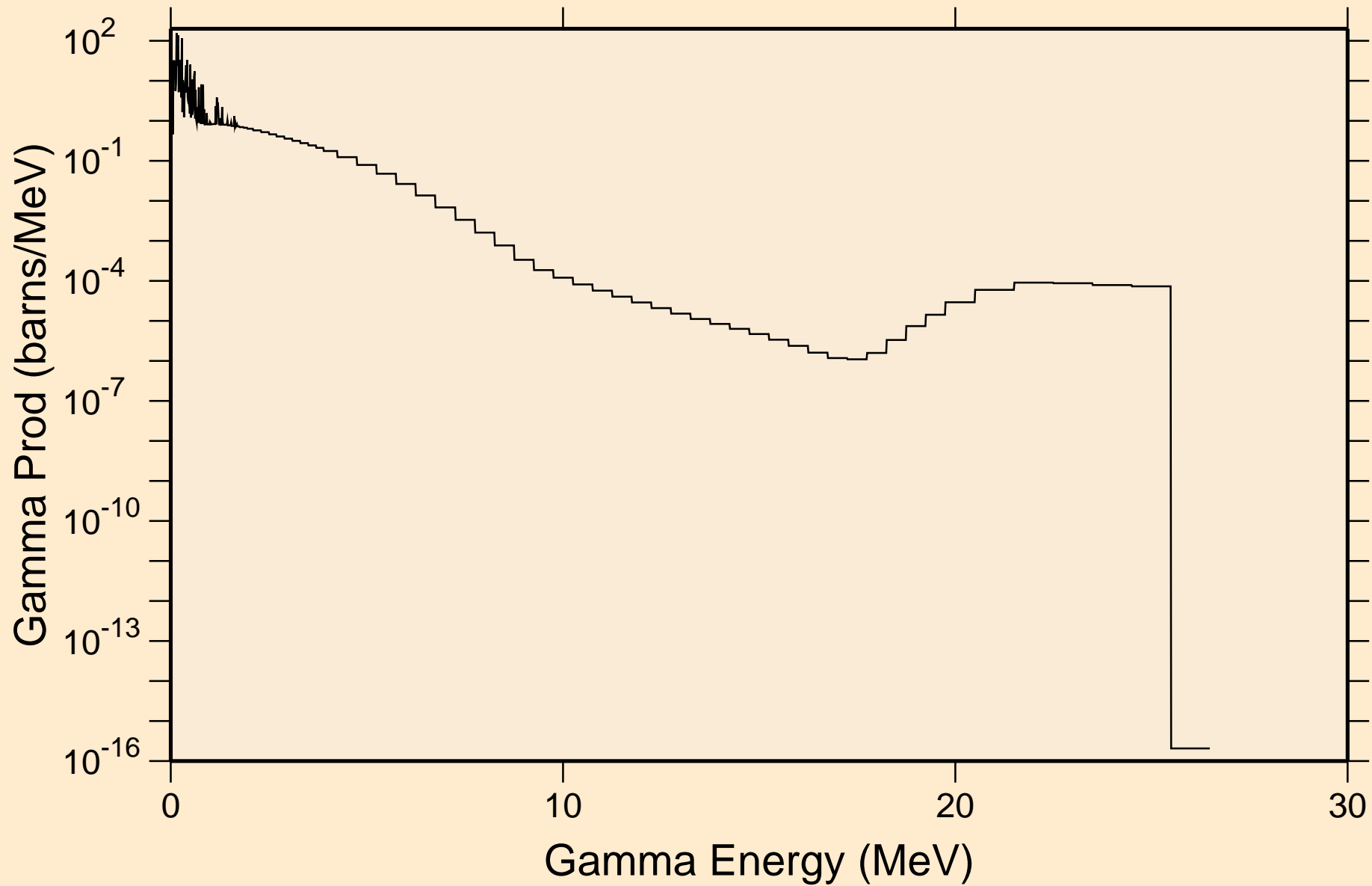
Y080 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



Y080 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

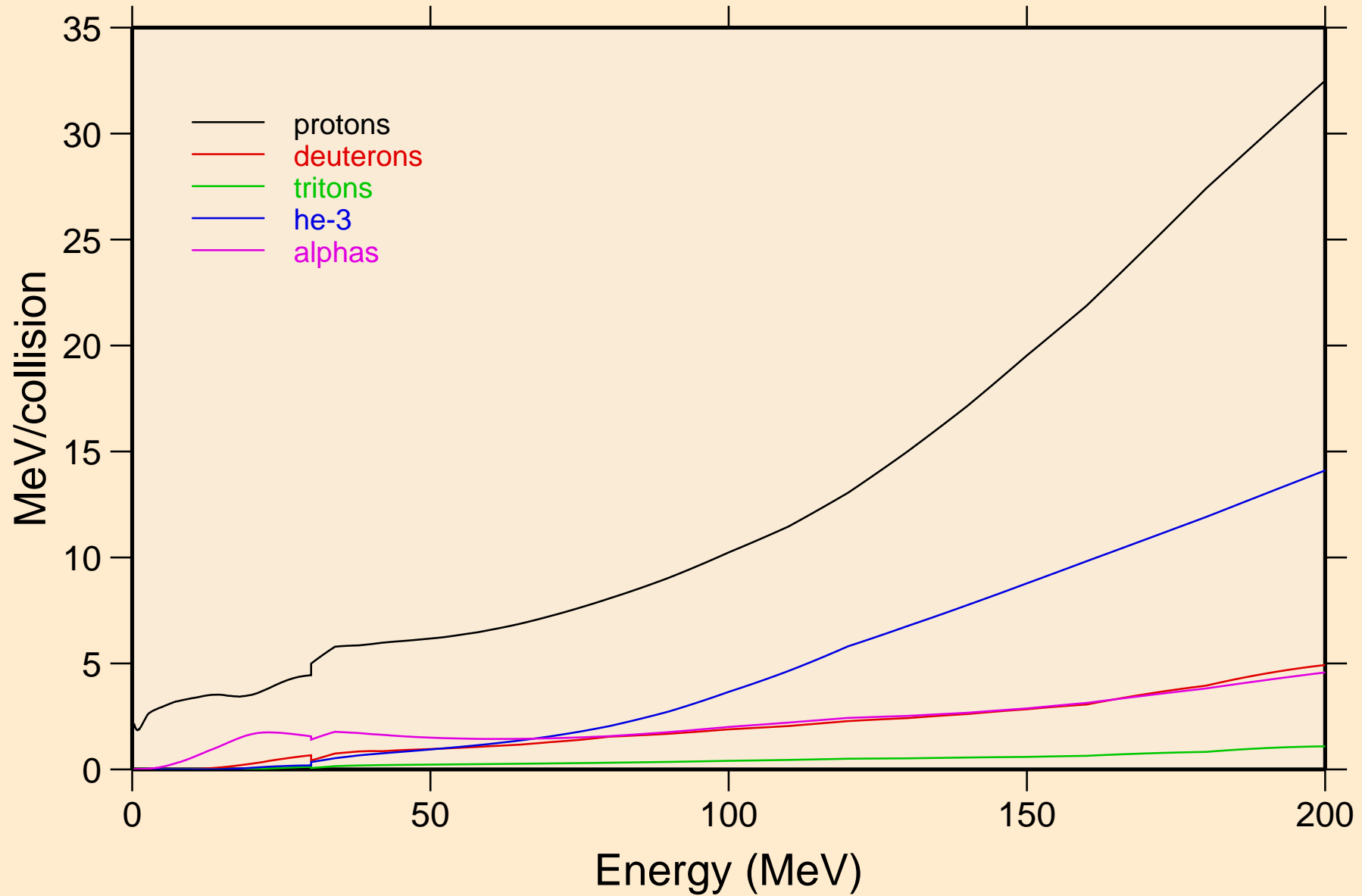


Y080 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



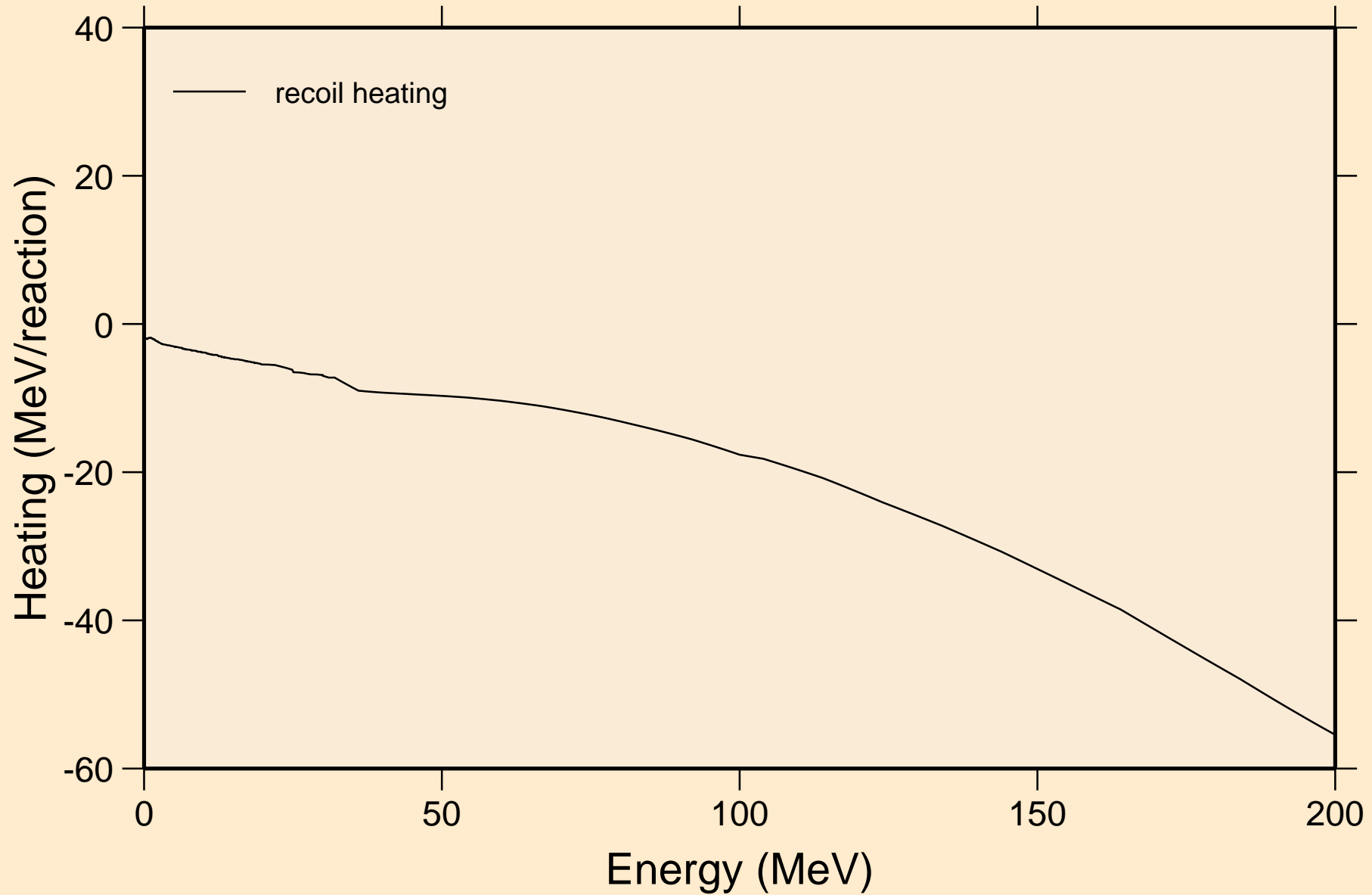
# Y080 NRG TENDL-2015, AKONING

## Particle heating contributions



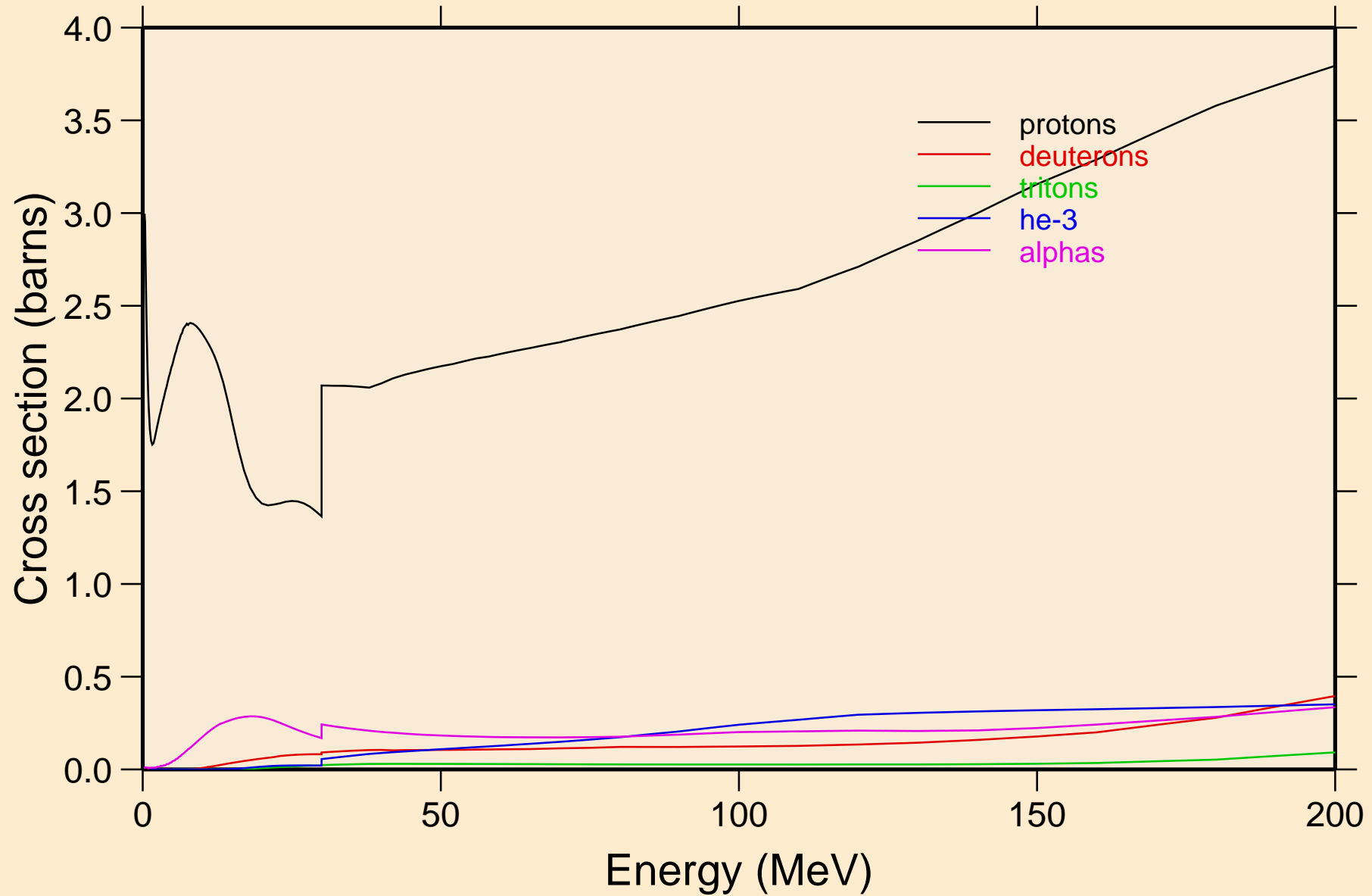
# Y080 NRG TENDL-2015, AKONING

## Recoil Heating



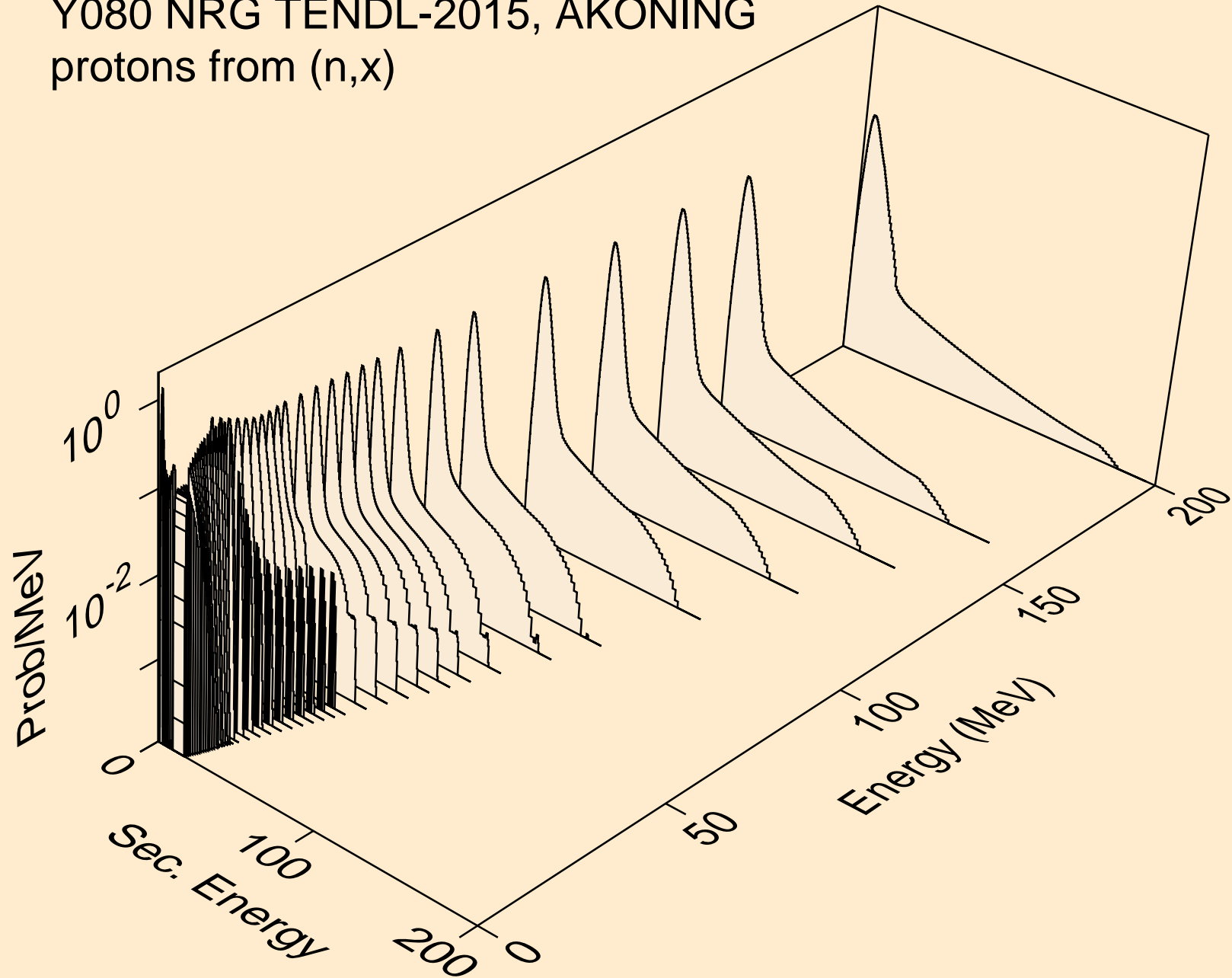
# Y080 NRG TENDL-2015, AKONING

## Particle production cross sections

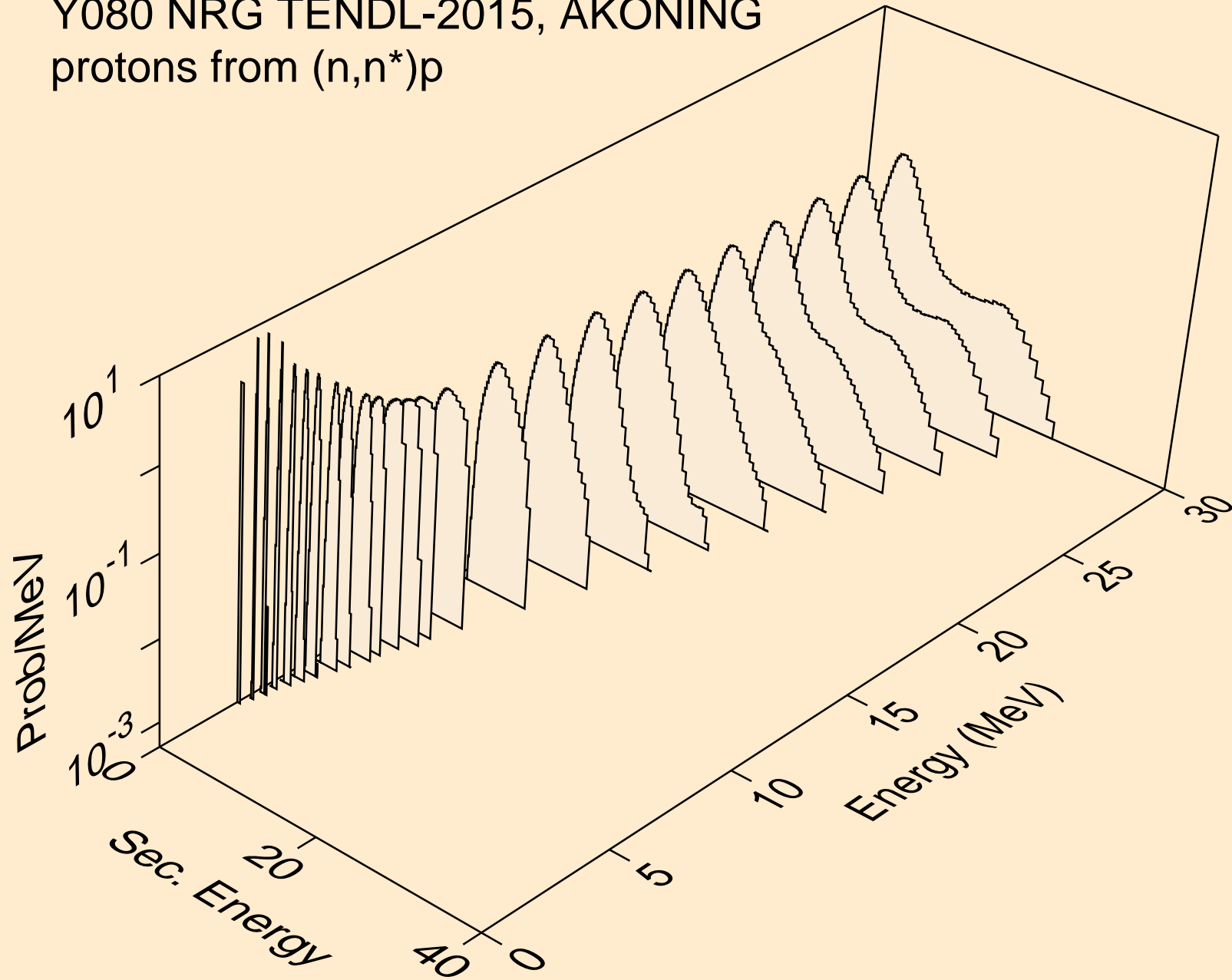




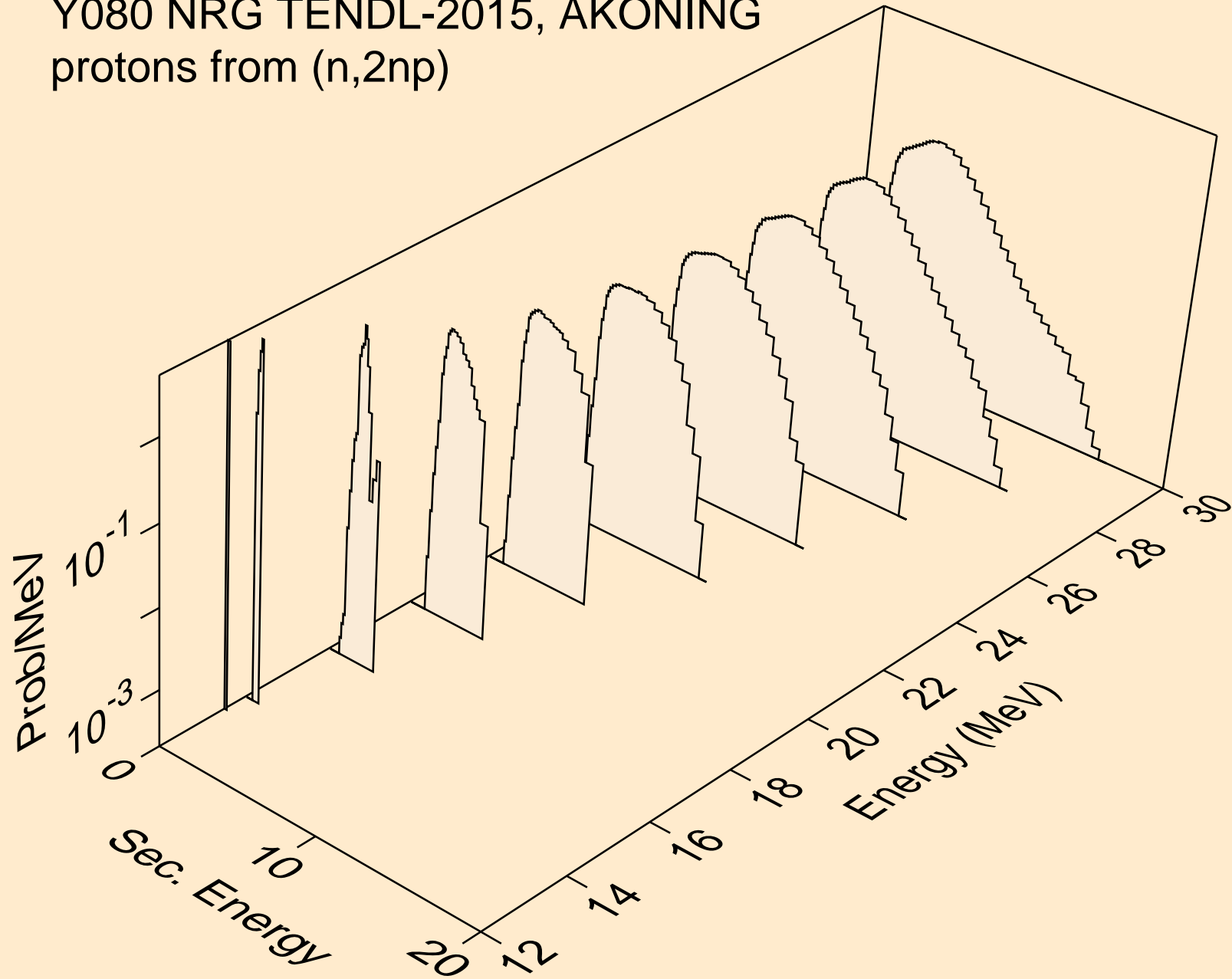
Y080 NRG TENDL-2015, AKONING  
protons from (n,x)



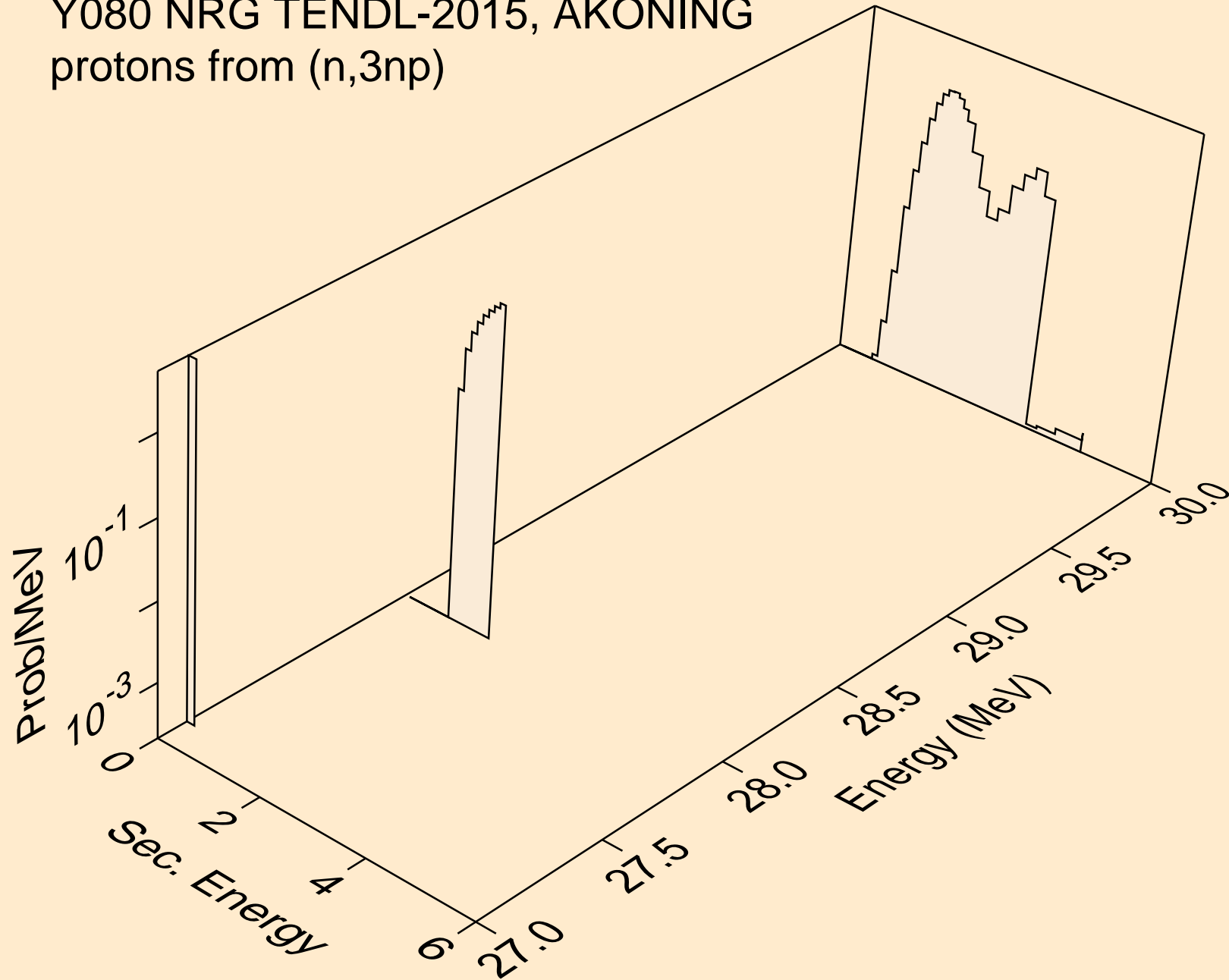
Y080 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



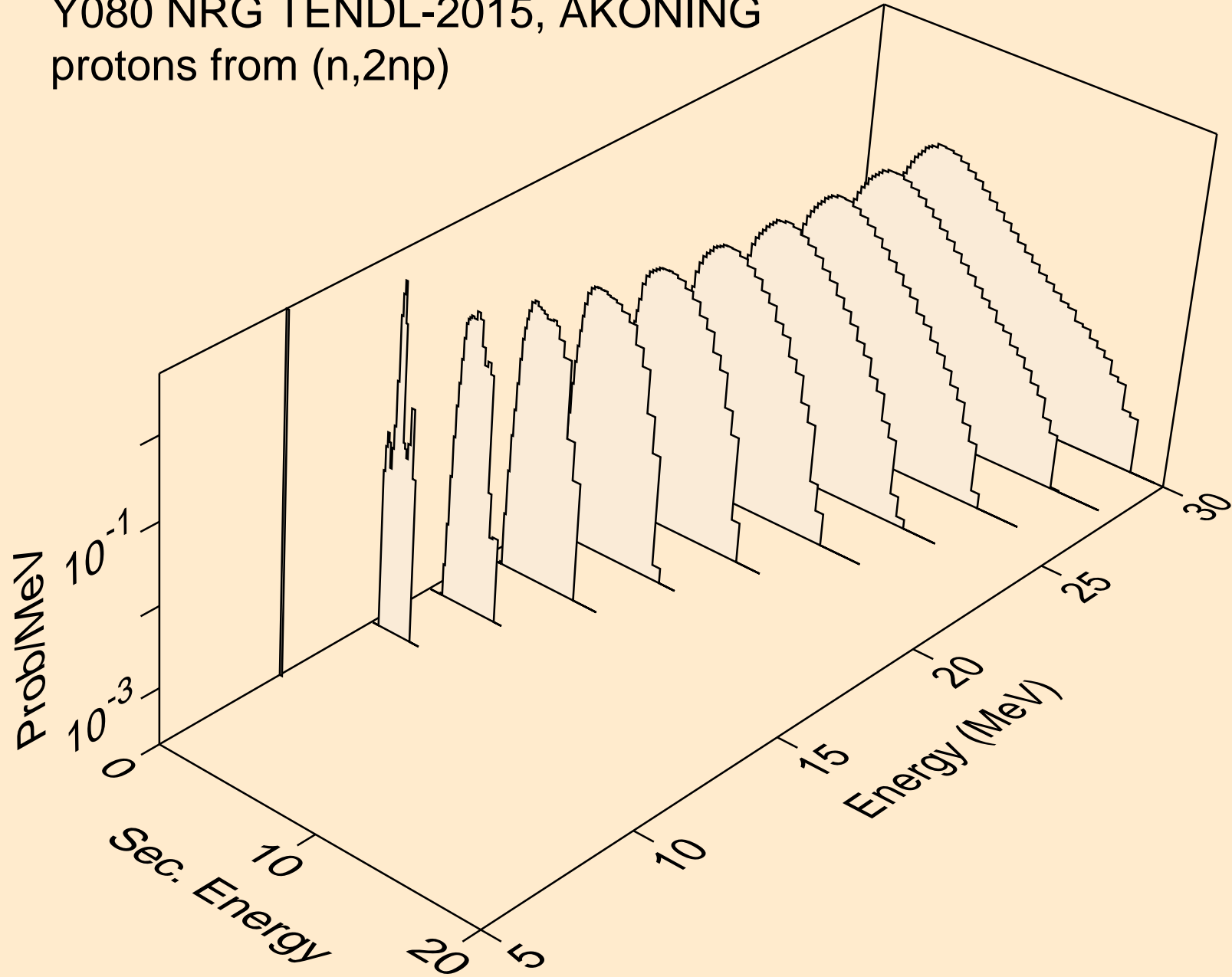
Y080 NRG TENDL-2015, AKONING  
protons from (n,2np)



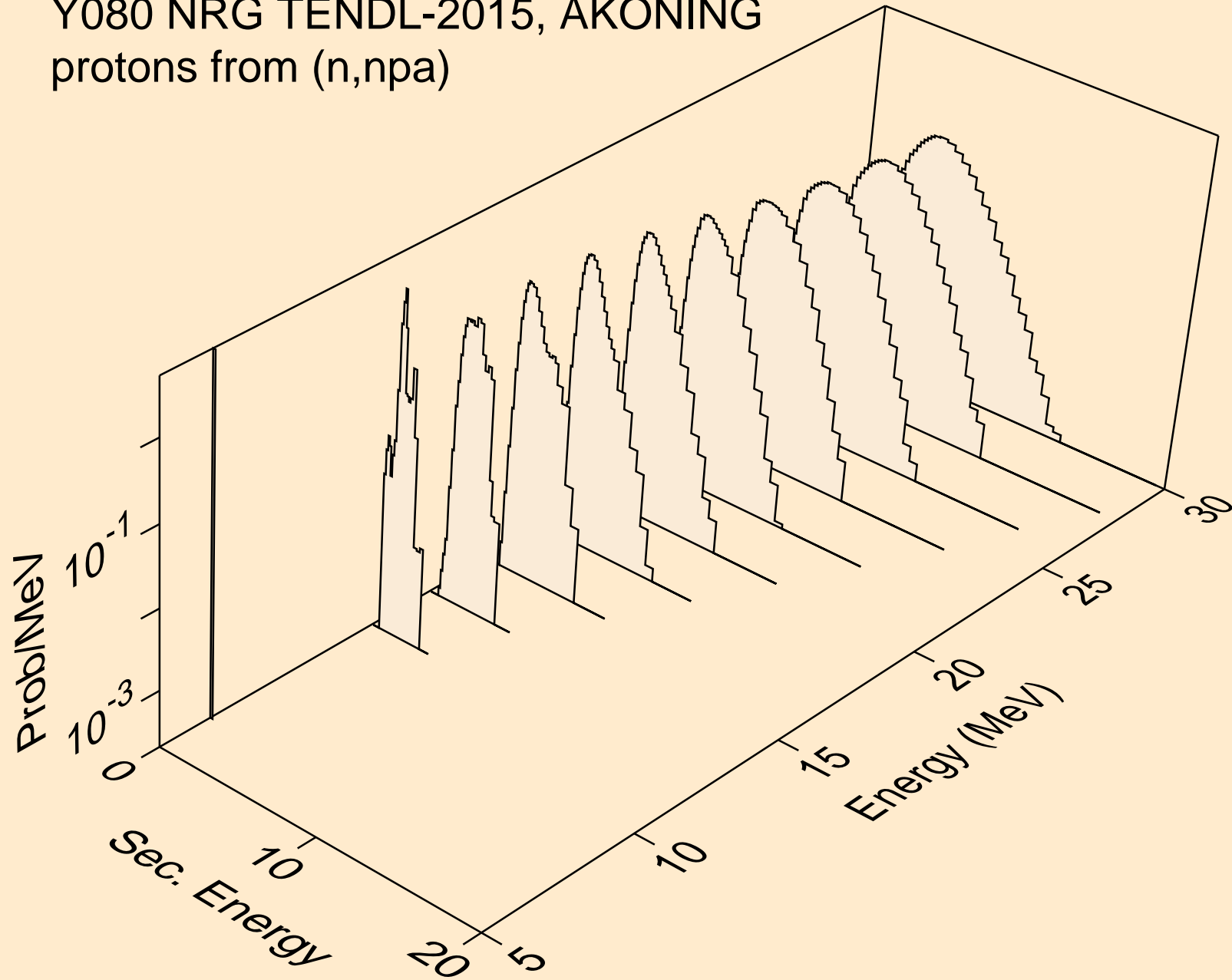
Y080 NRG TENDL-2015, AKONING  
protons from (n,3np)



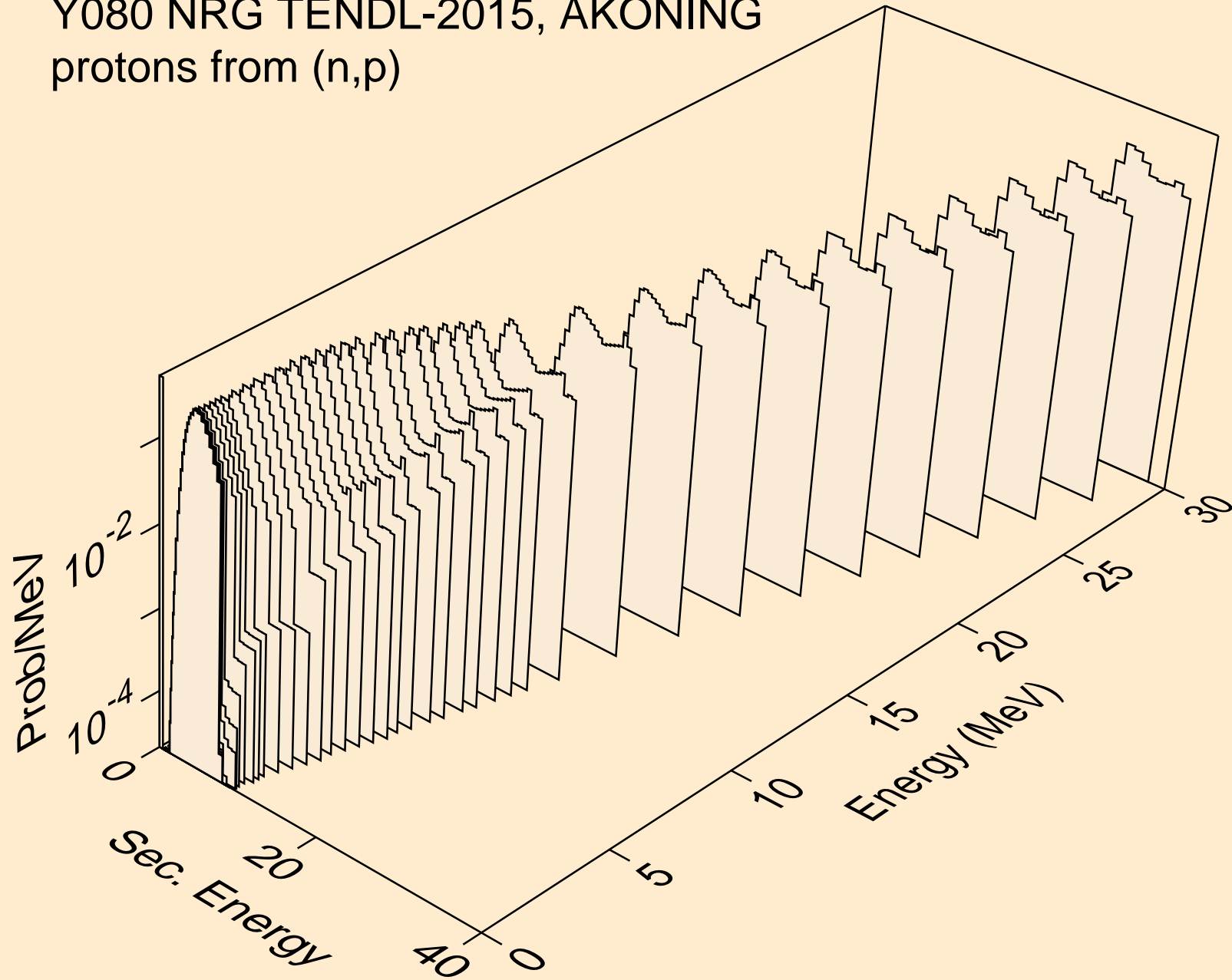
Y080 NRG TENDL-2015, AKONING  
protons from (n,2np)



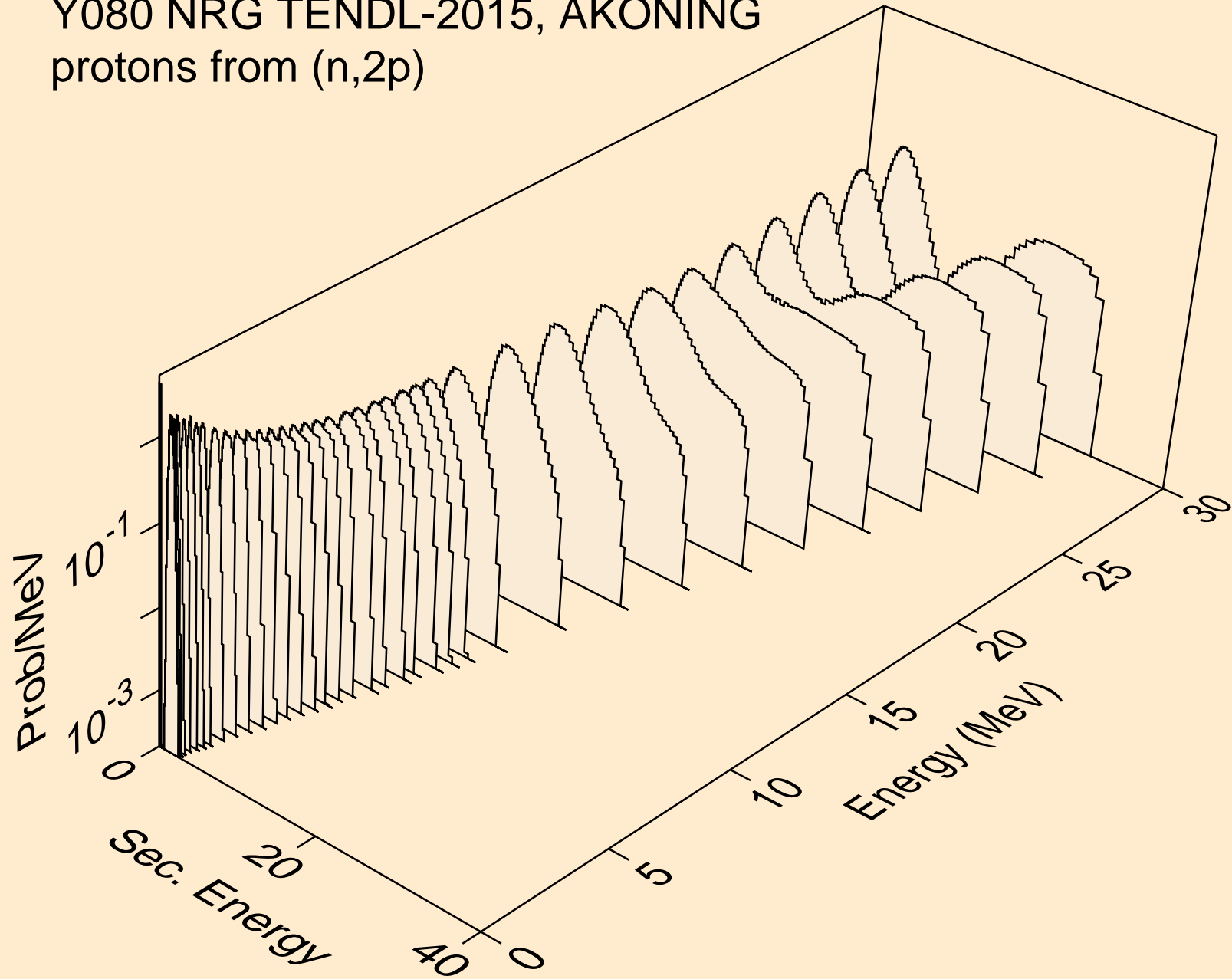
Y080 NRG TENDL-2015, AKONING  
protons from (n,npa)



Y080 NRG TENDL-2015, AKONING  
protons from (n,p)

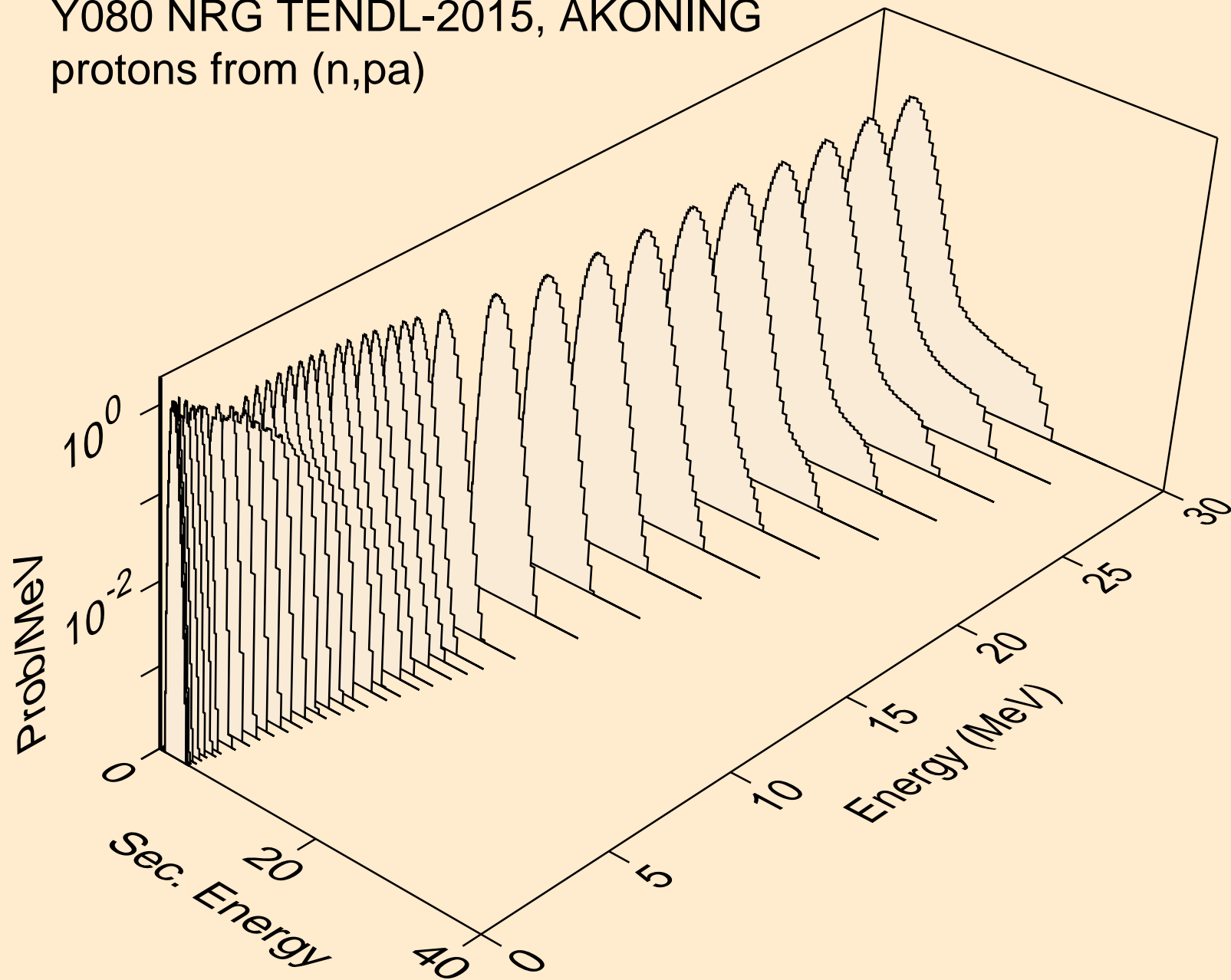


Y080 NRG TENDL-2015, AKONING  
protons from (n,2p)

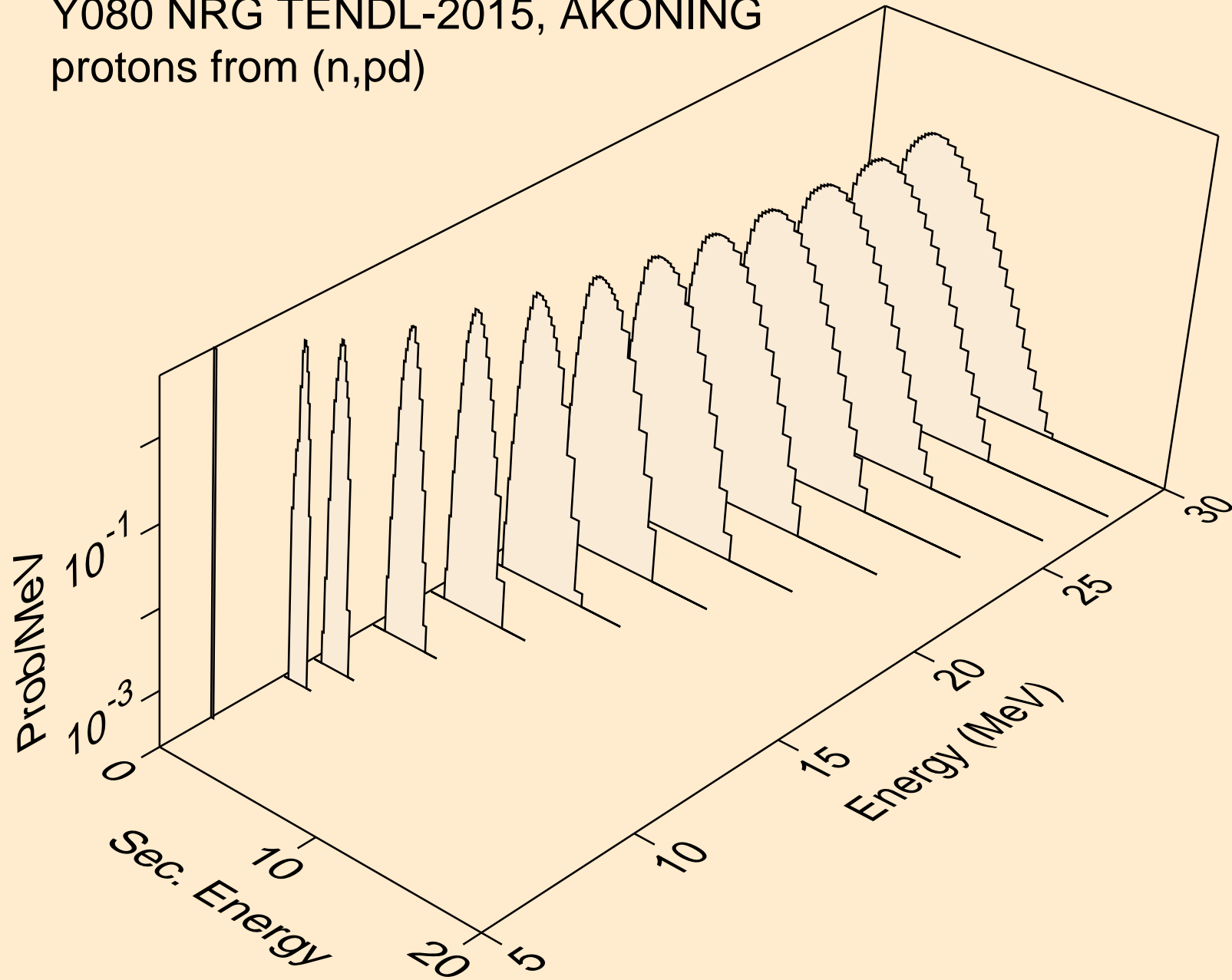




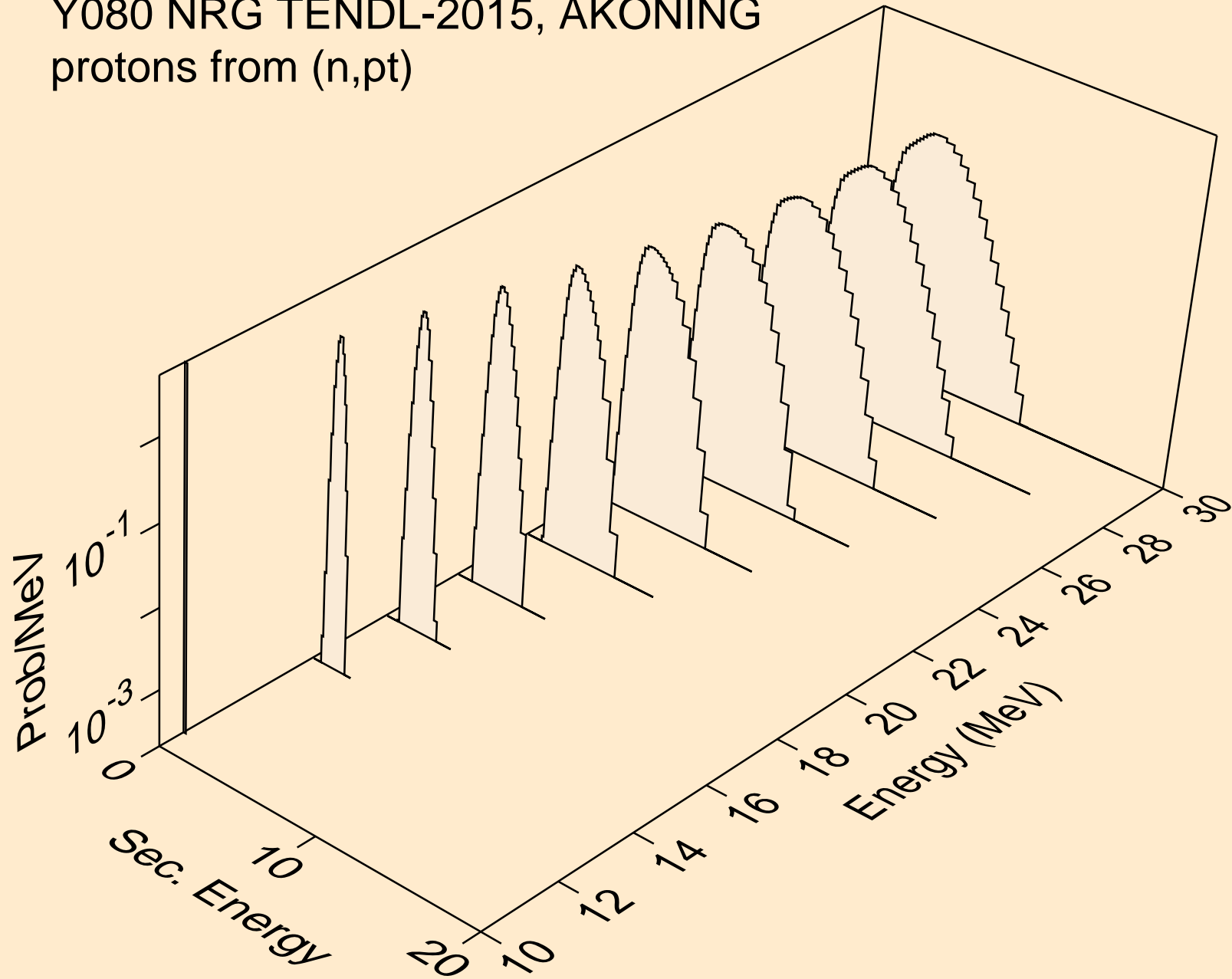
Y080 NRG TENDL-2015, AKONING  
protons from (n,pa)



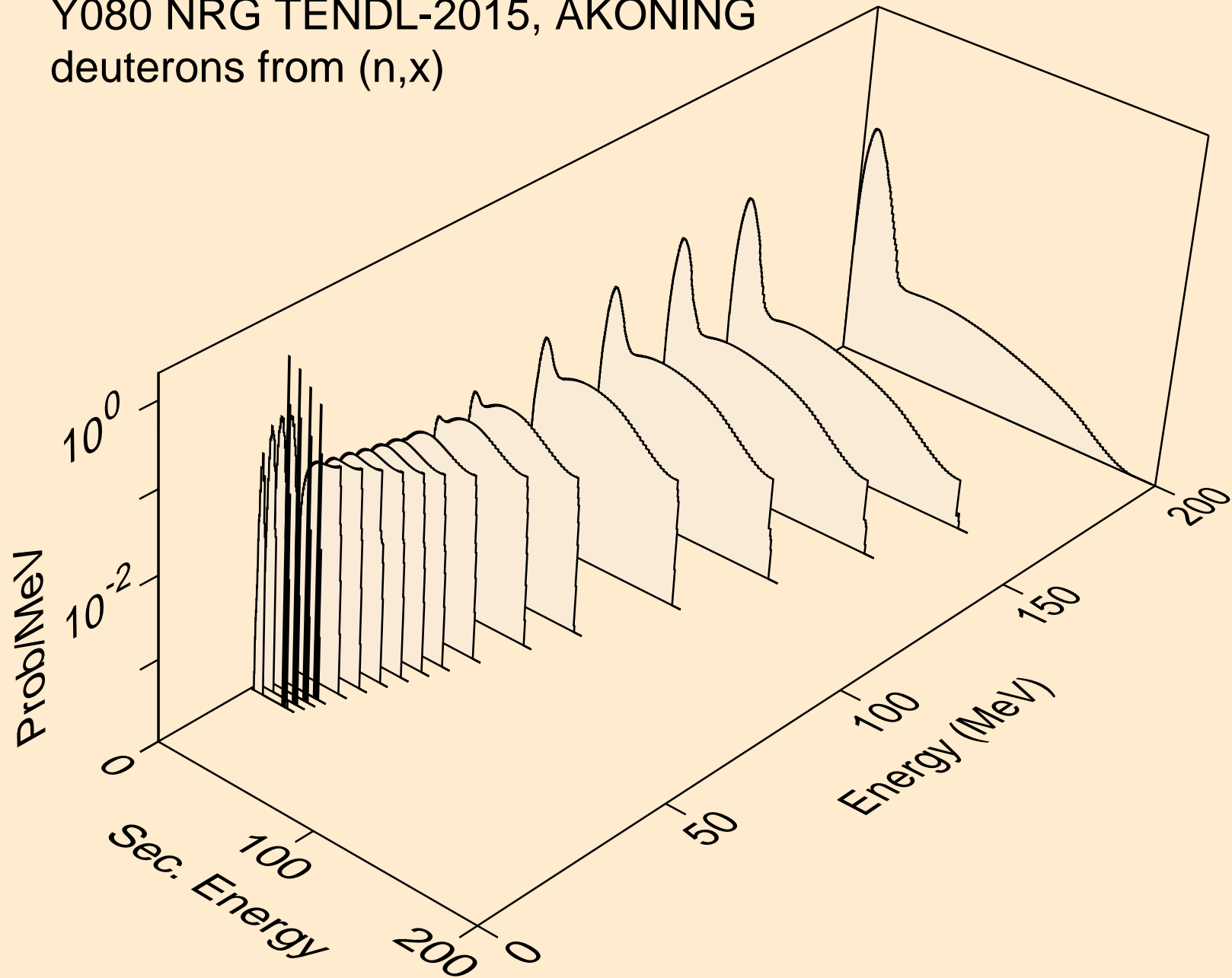
Y080 NRG TENDL-2015, AKONING  
protons from (n,pd)



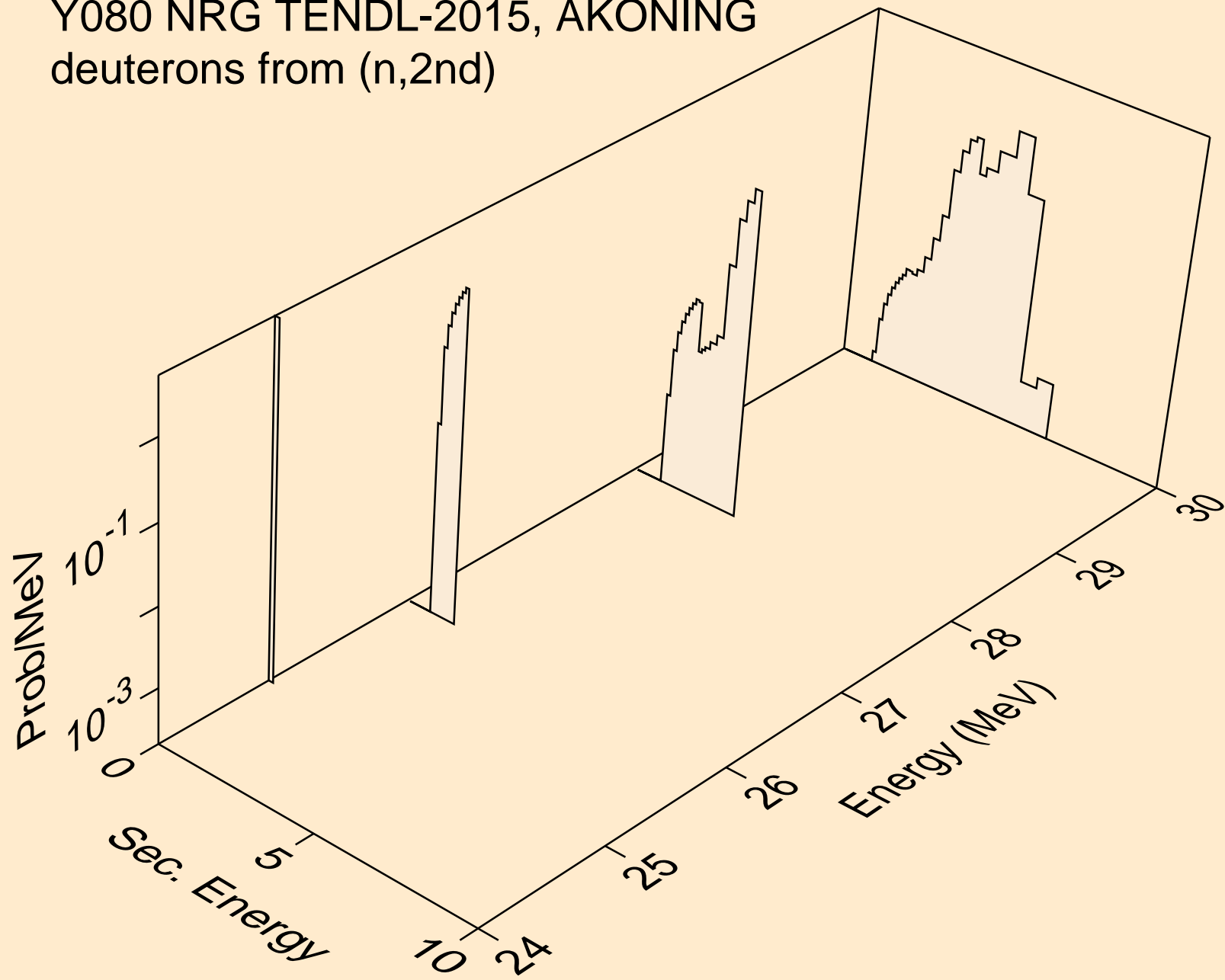
Y080 NRG TENDL-2015, AKONING  
protons from (n,pt)



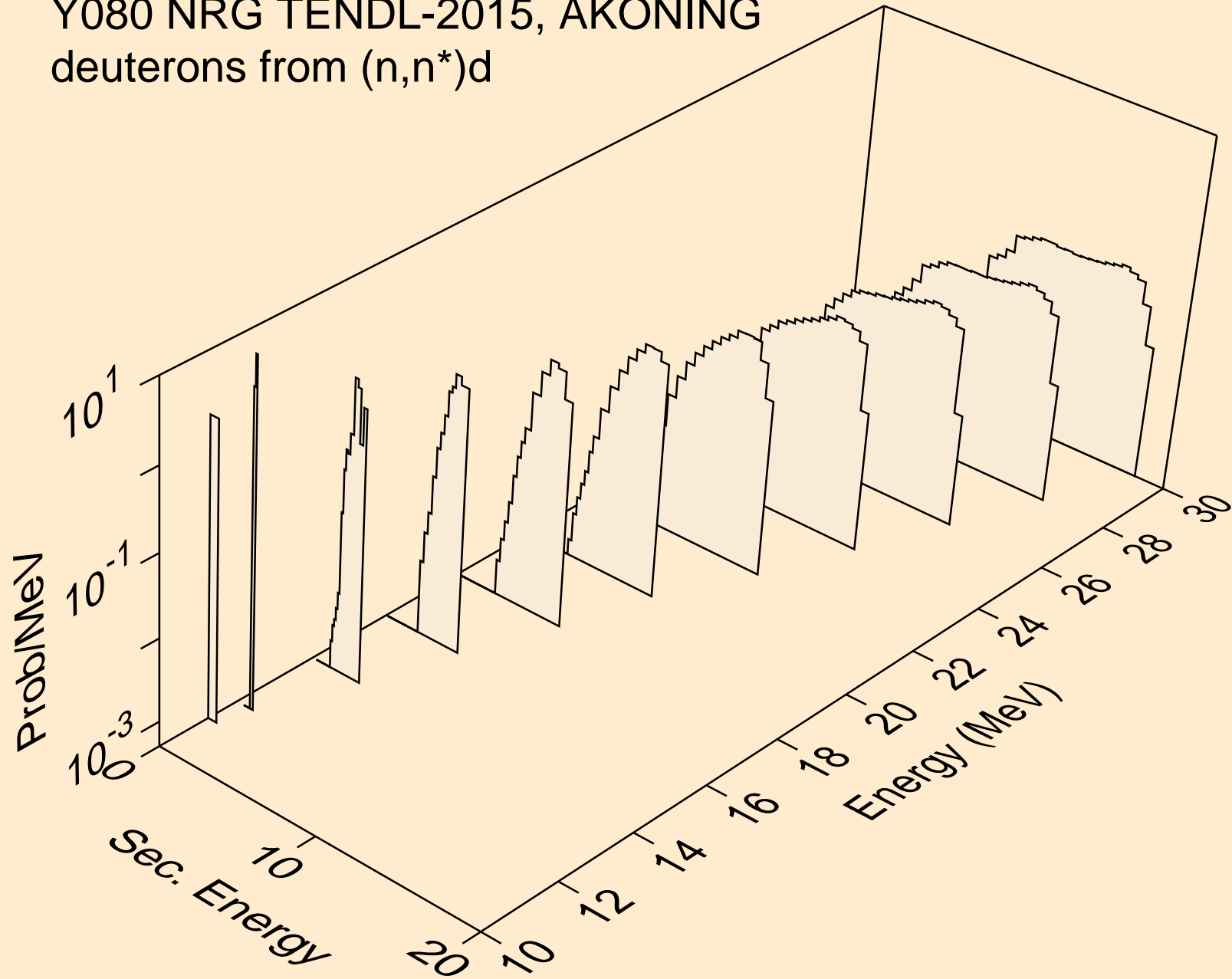
Y080 NRG TENDL-2015, AKONING  
deuterons from (n,x)



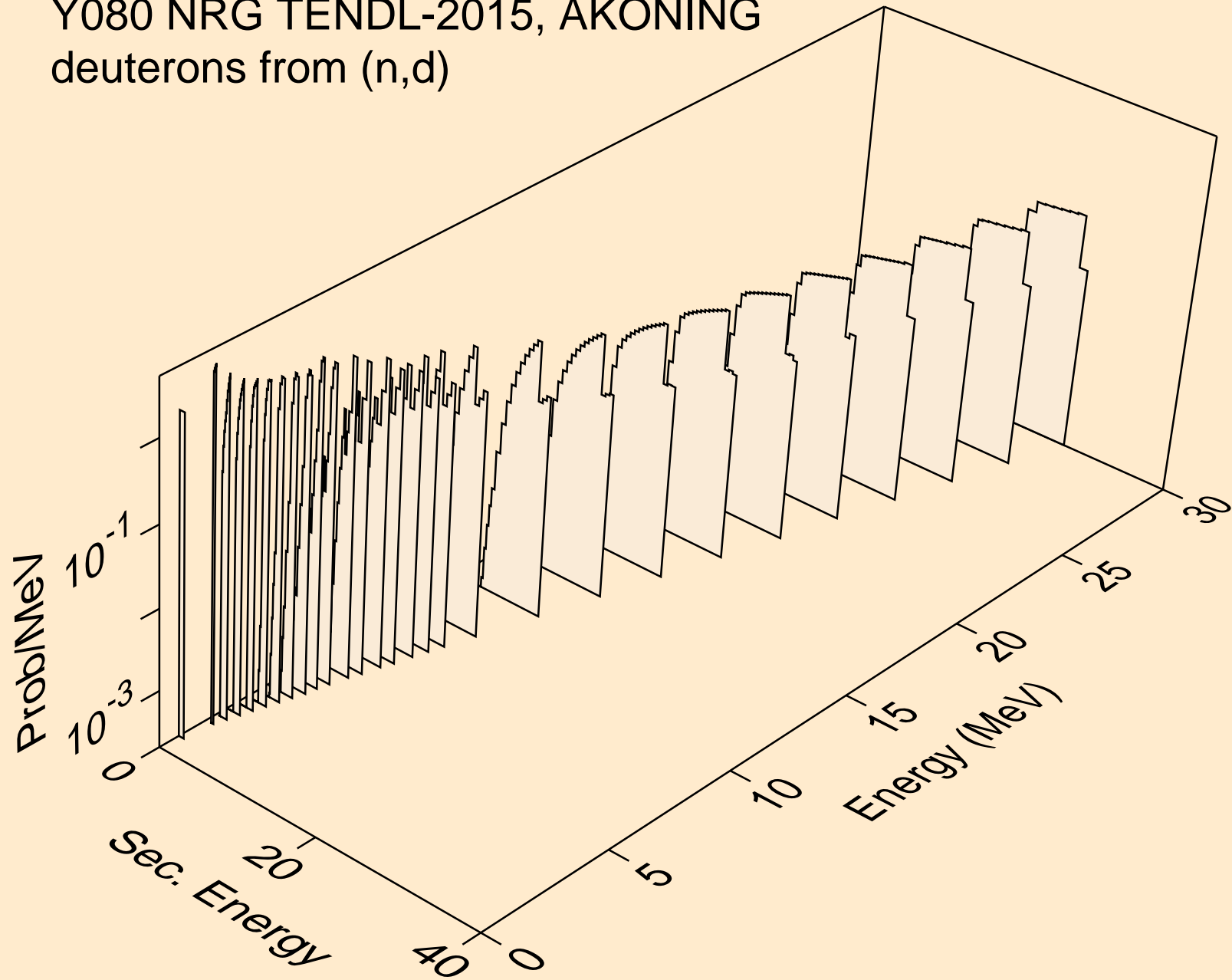
Y080 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



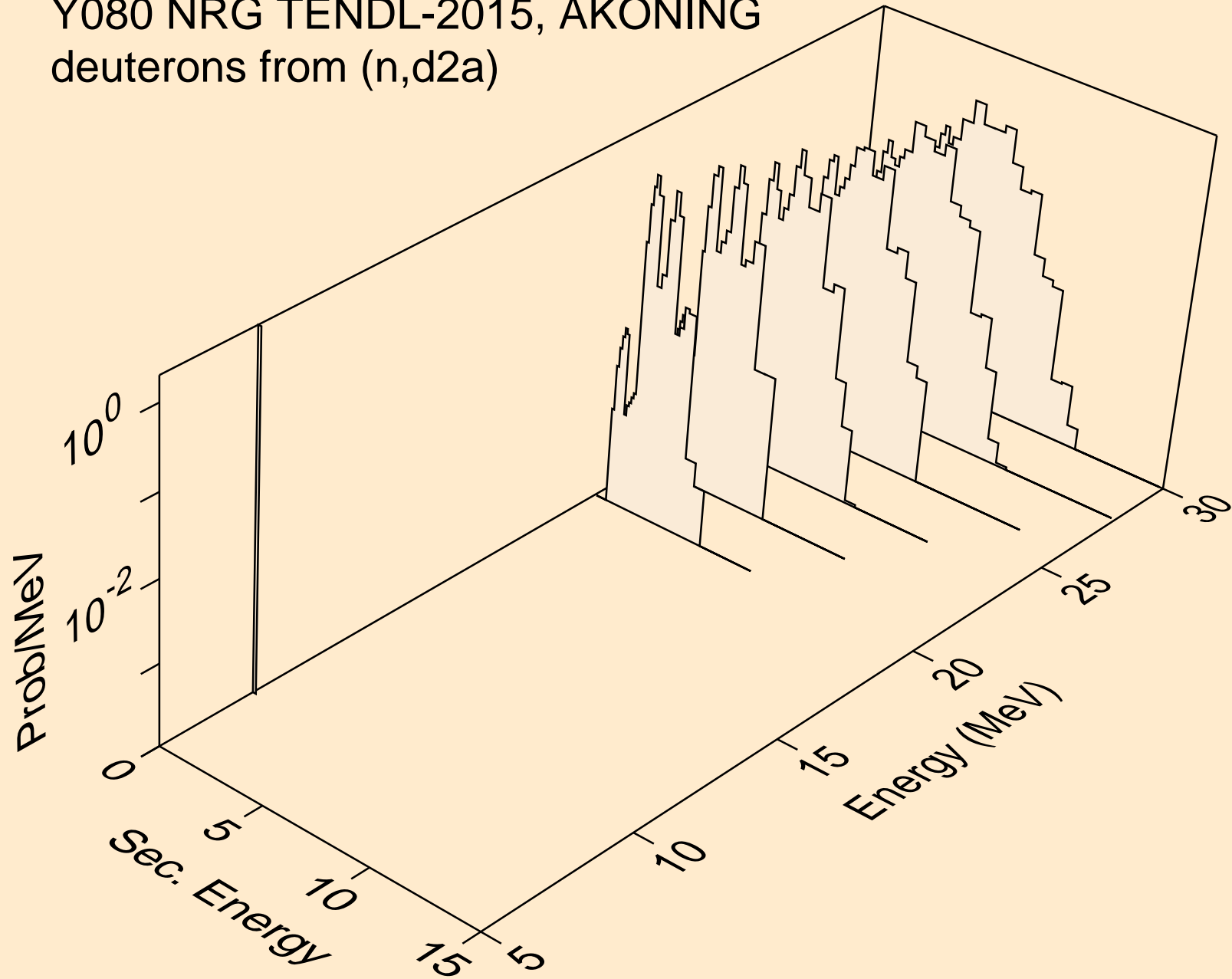
Y080 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



Y080 NRG TENDL-2015, AKONING  
deuterons from (n,d)

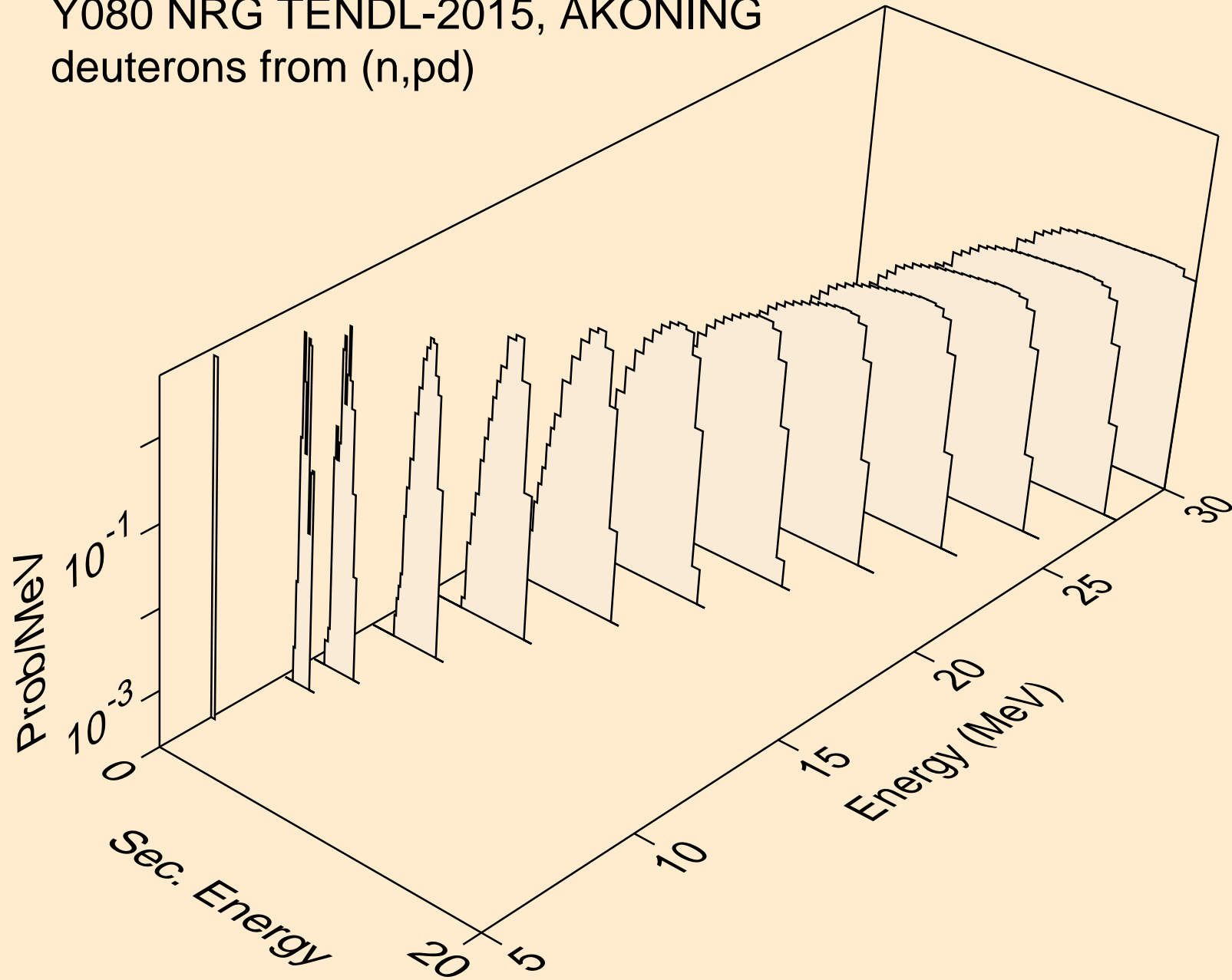


Y080 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)

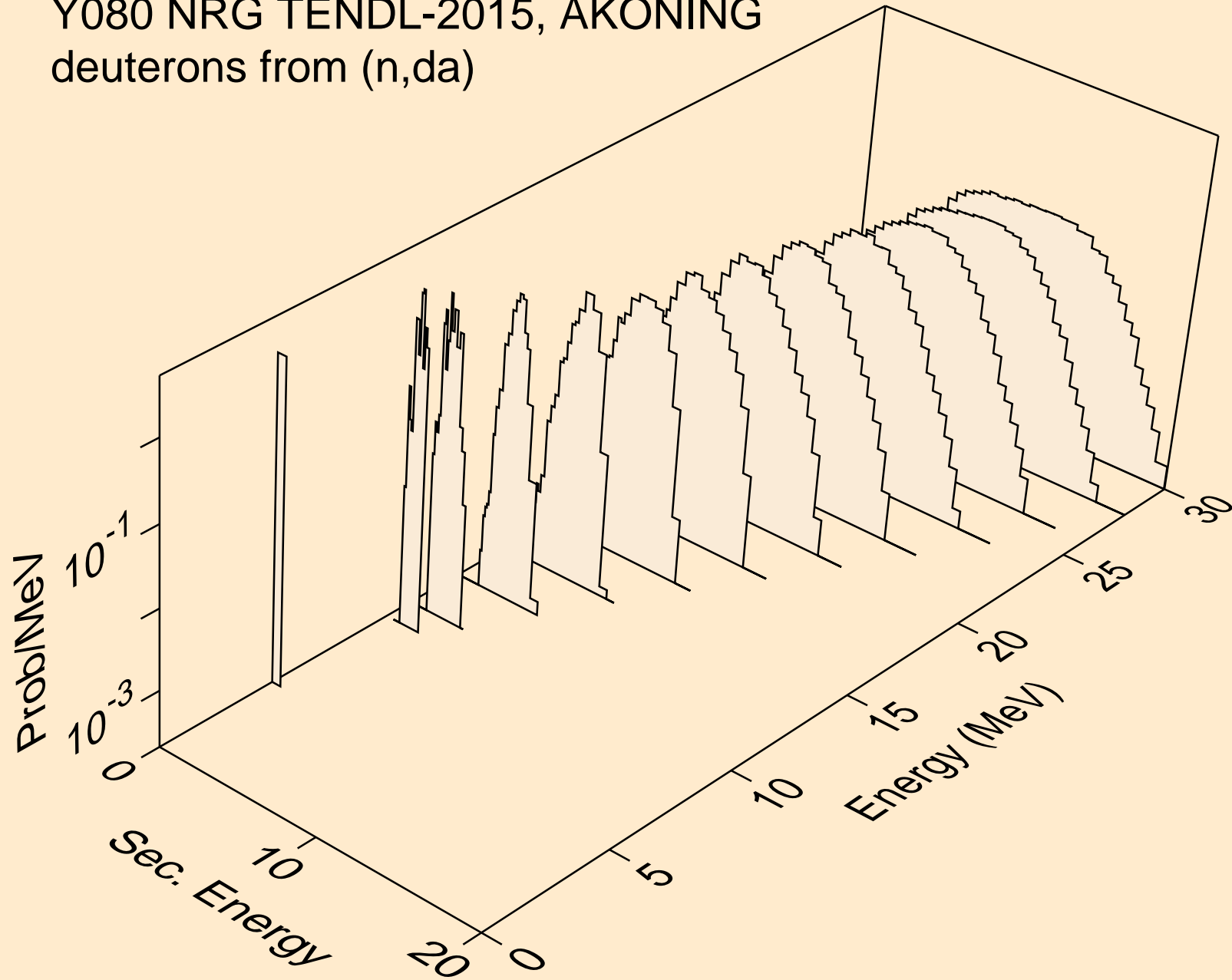




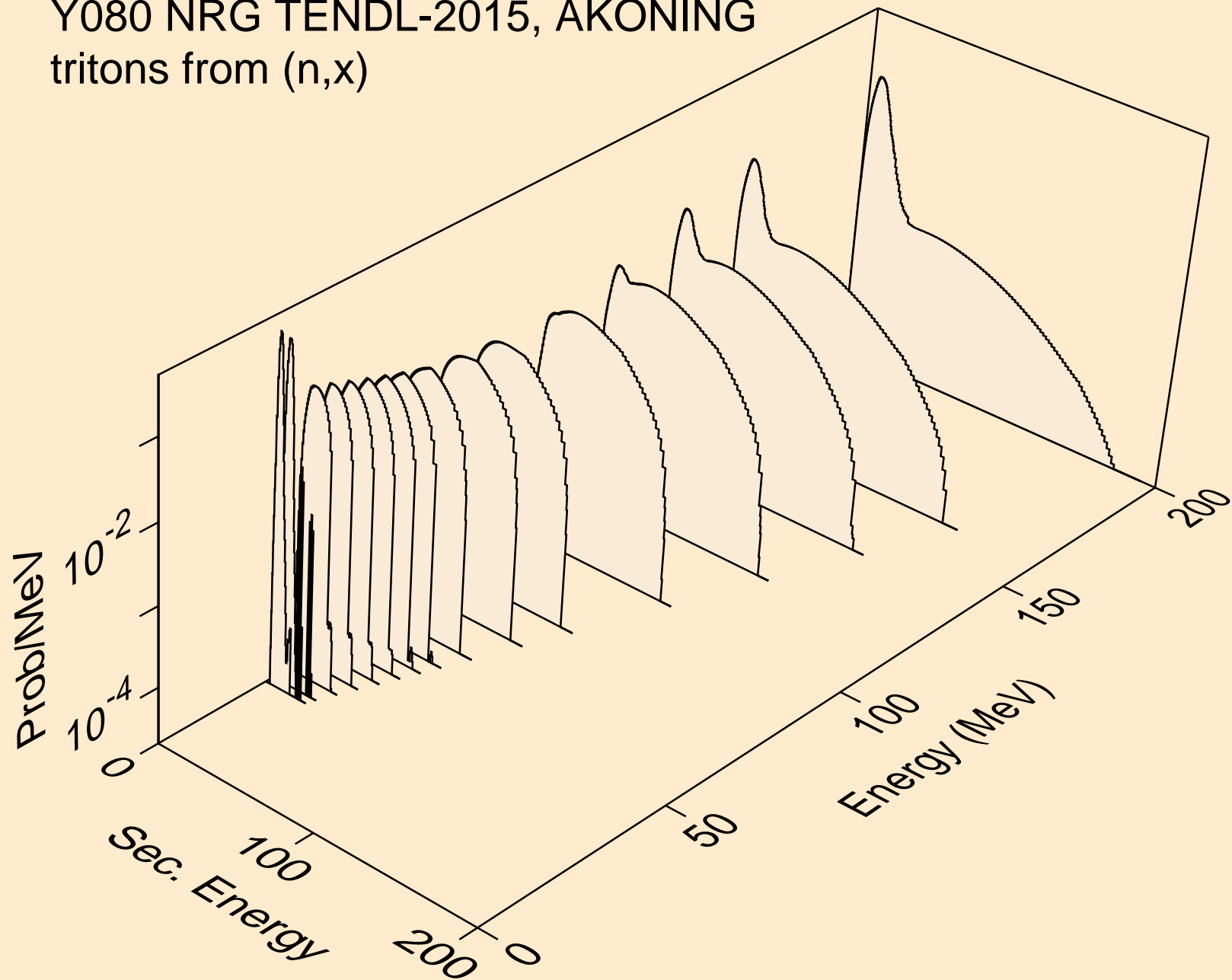
Y080 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



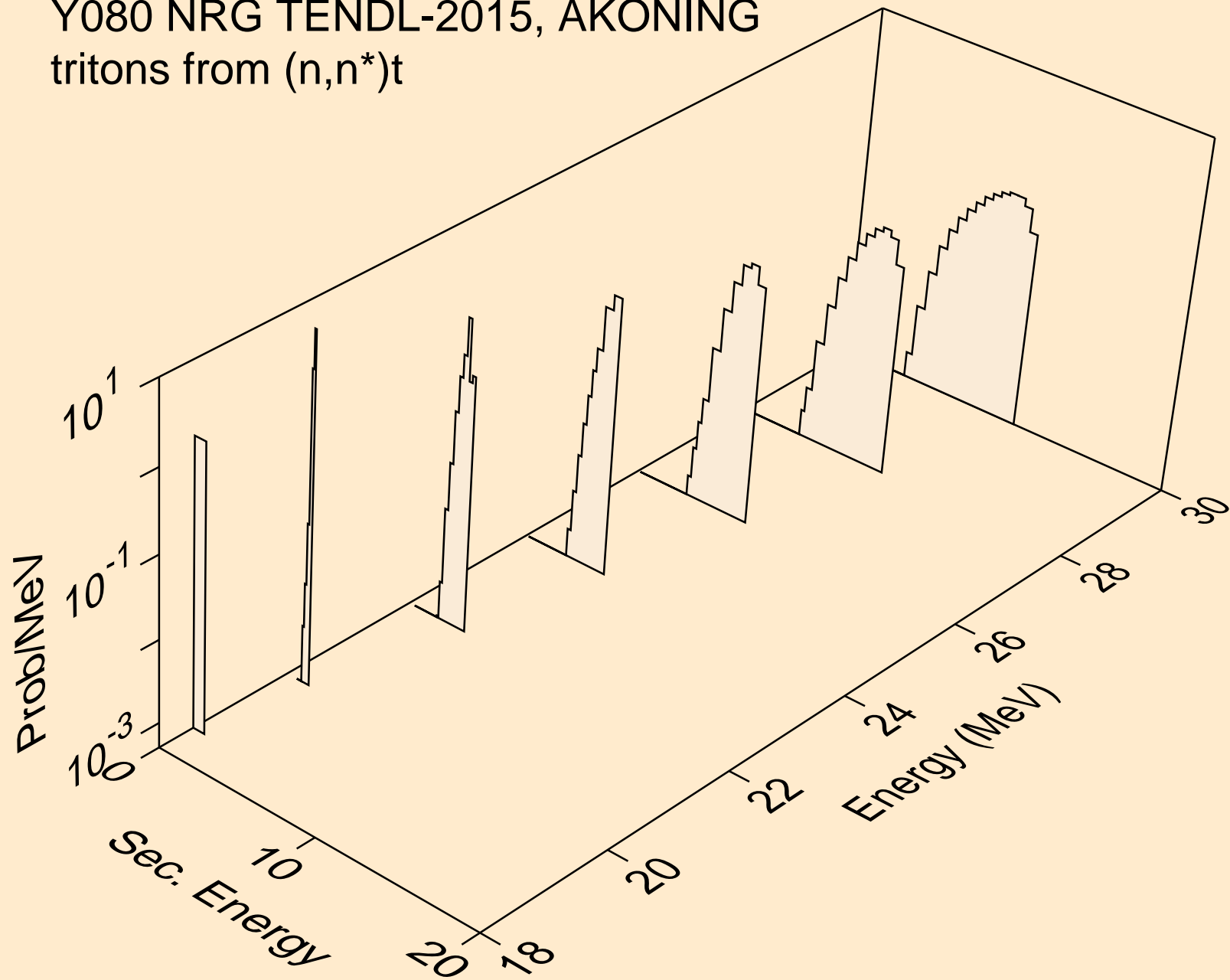
Y080 NRG TENDL-2015, AKONING  
deuterons from (n,da)



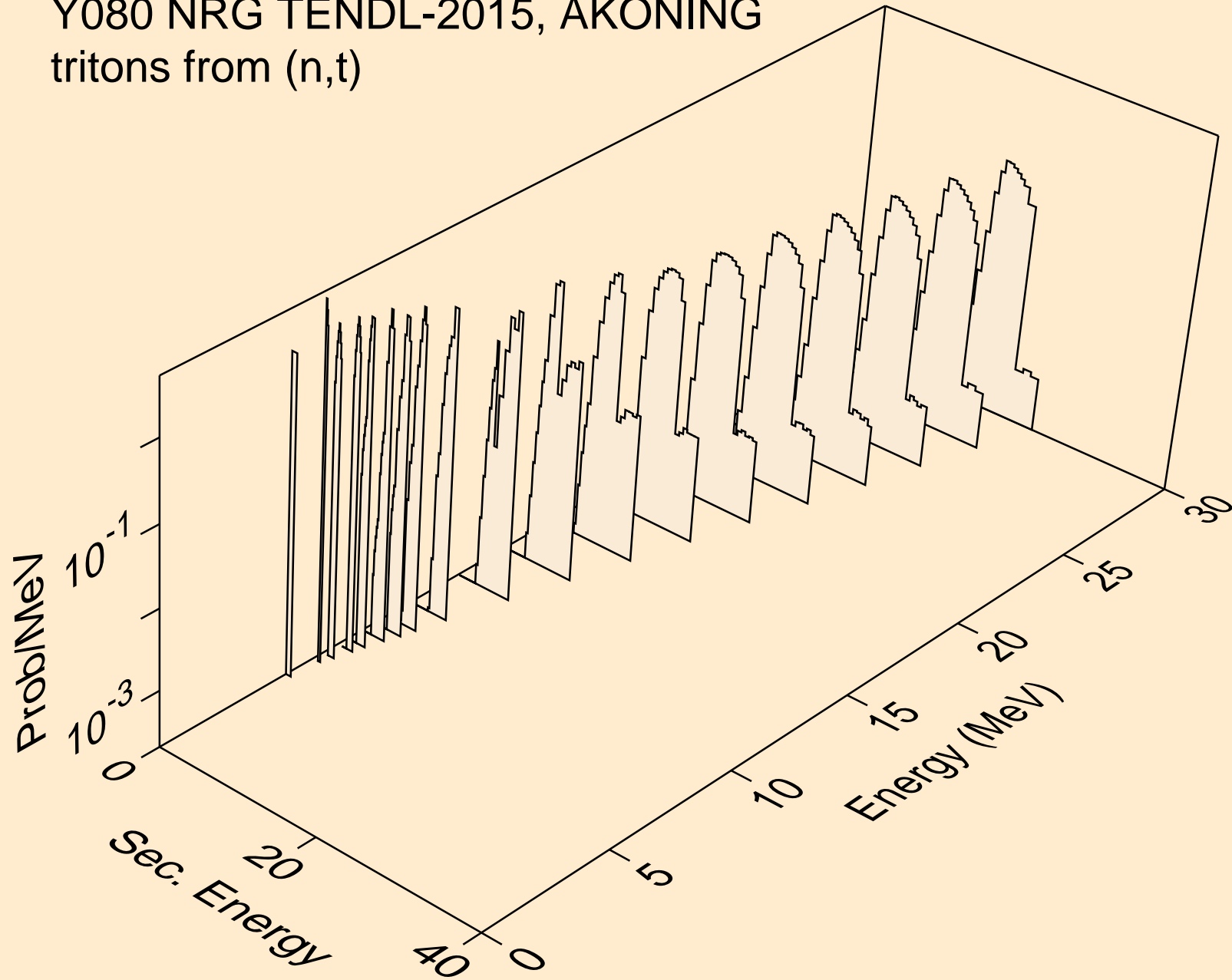
Y080 NRG TENDL-2015, AKONING  
tritons from (n,x)



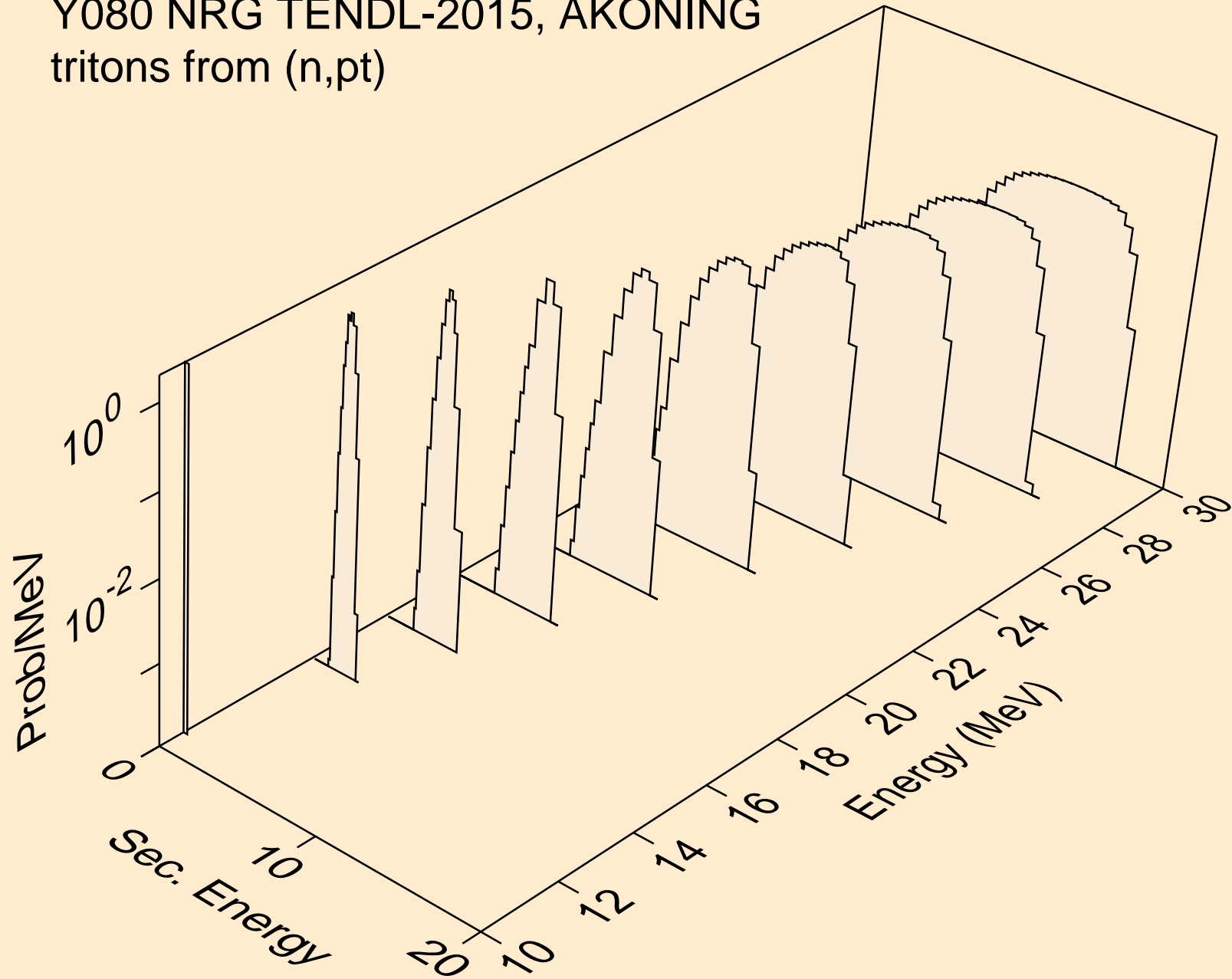
Y080 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



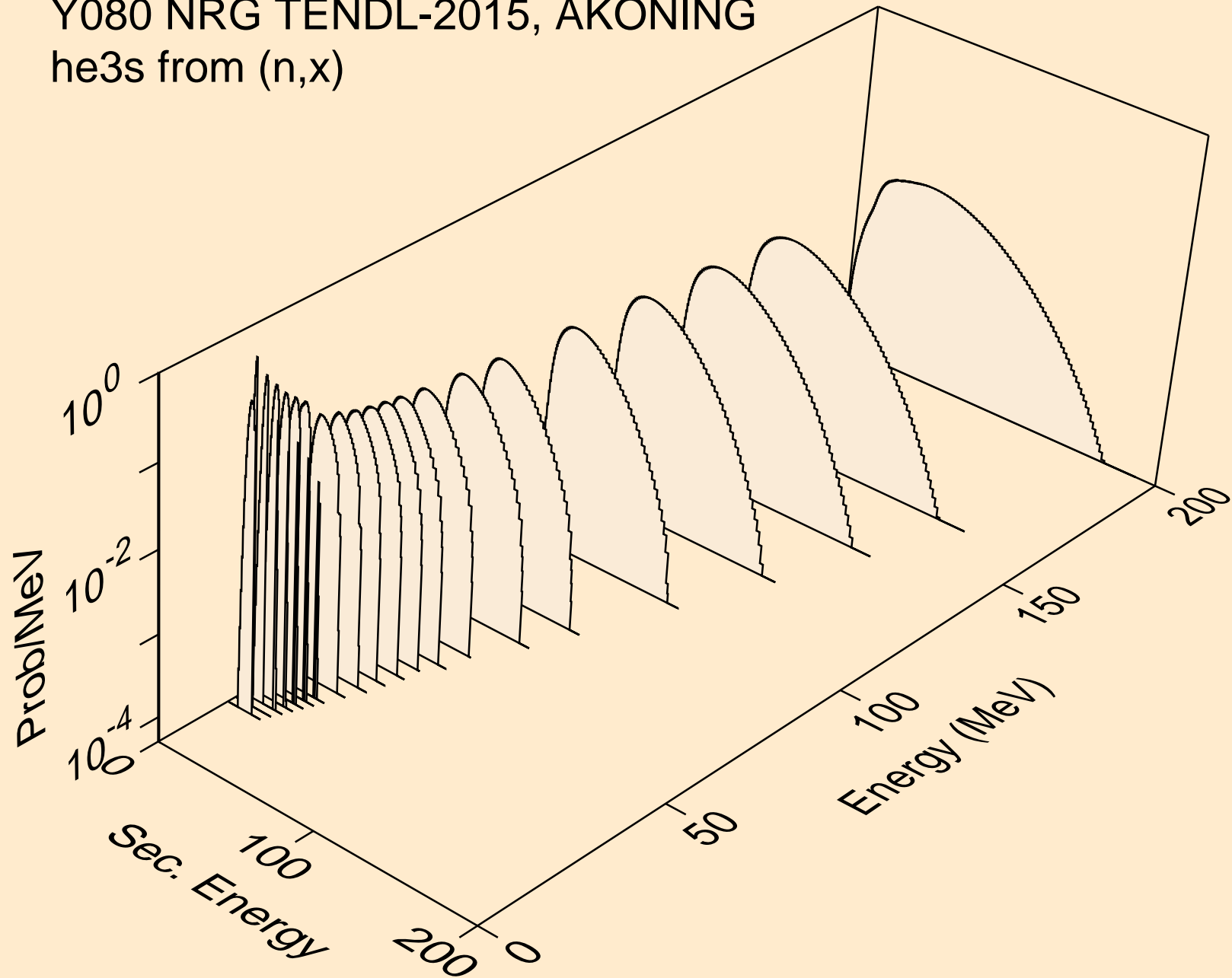
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tritons from (n,t)



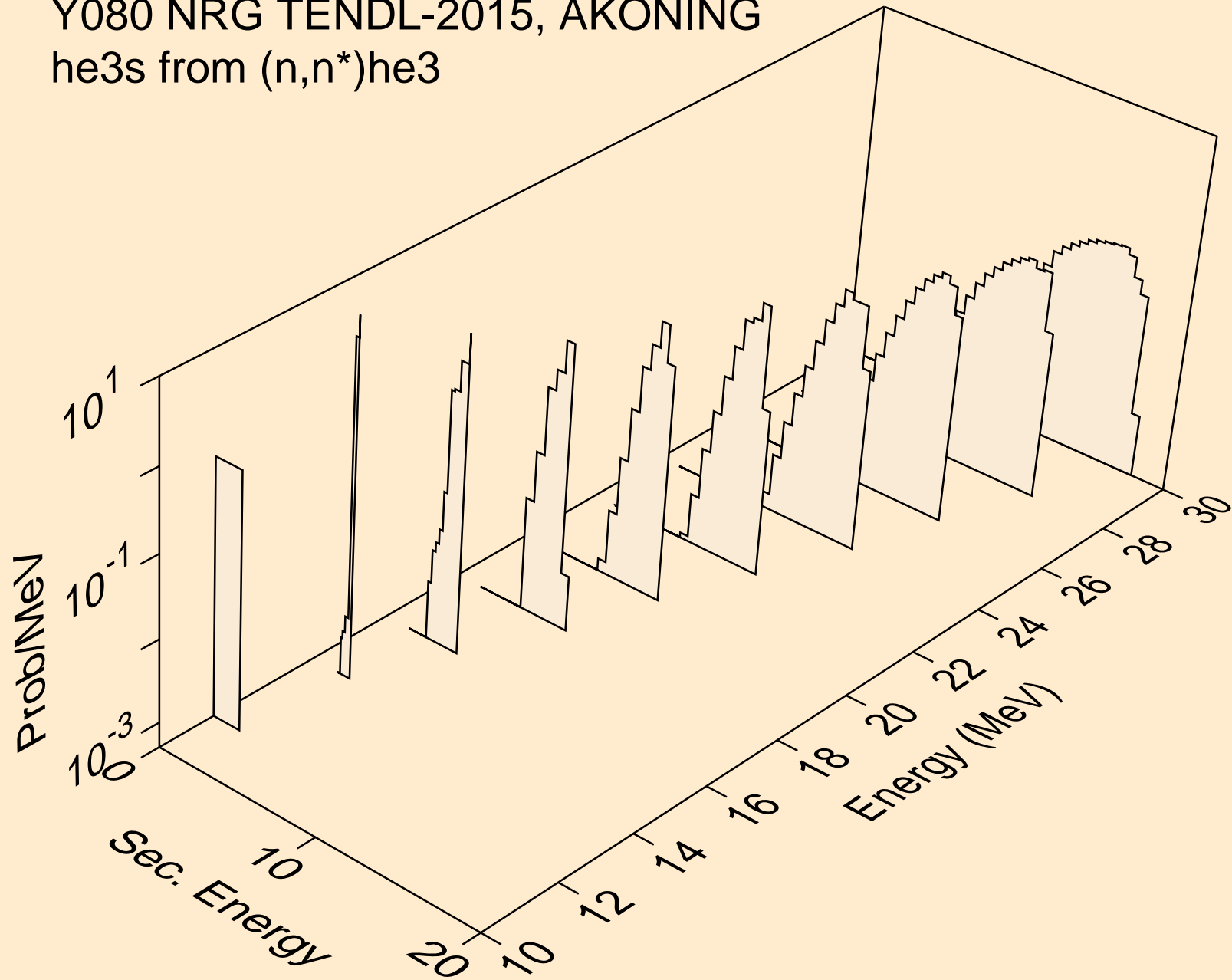
Y080 NRG TENDL-2015, AKONING  
tritons from (n,pt)



Y080 NRG TENDL-2015, AKONING  
he3s from (n,x)

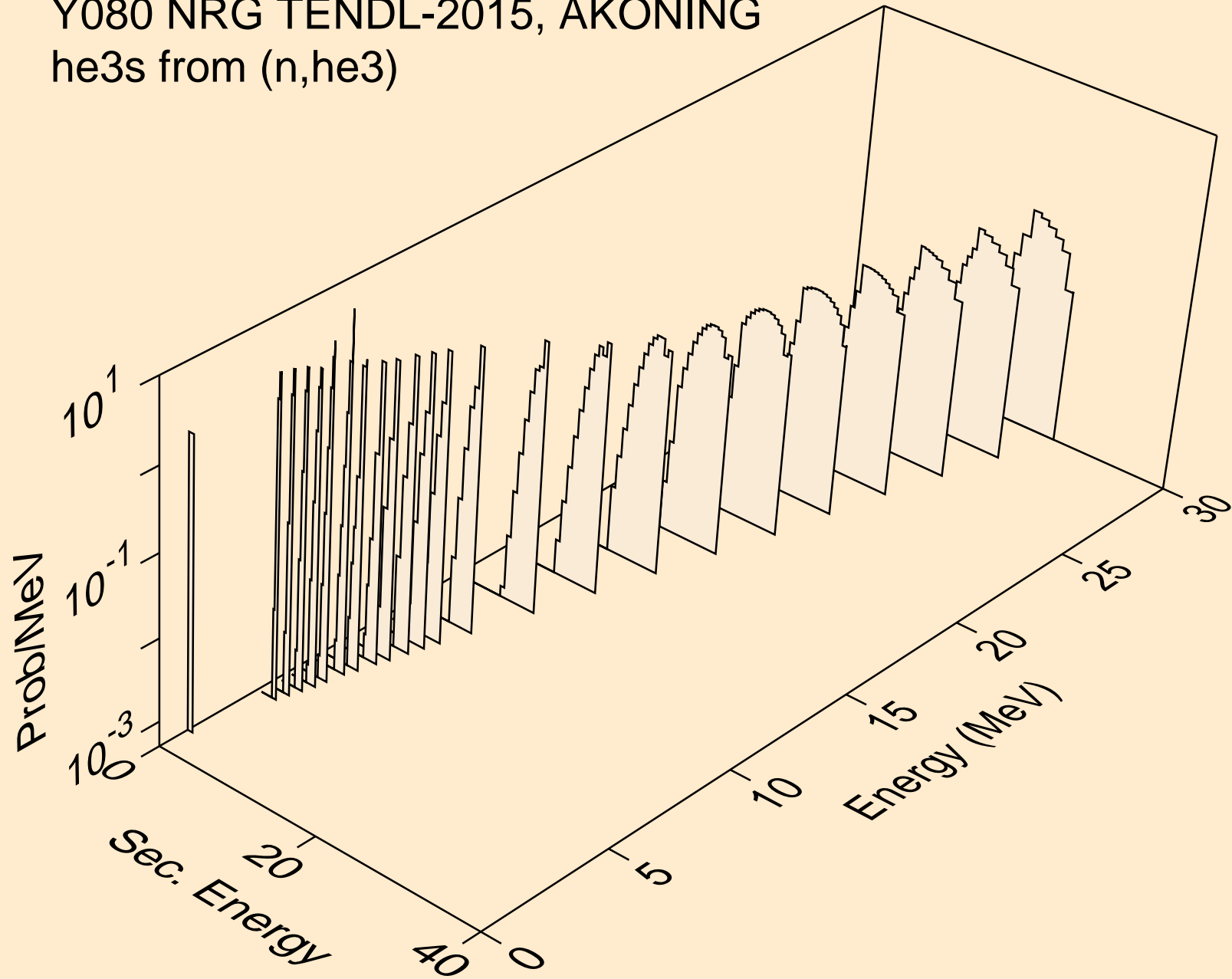


Y080 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

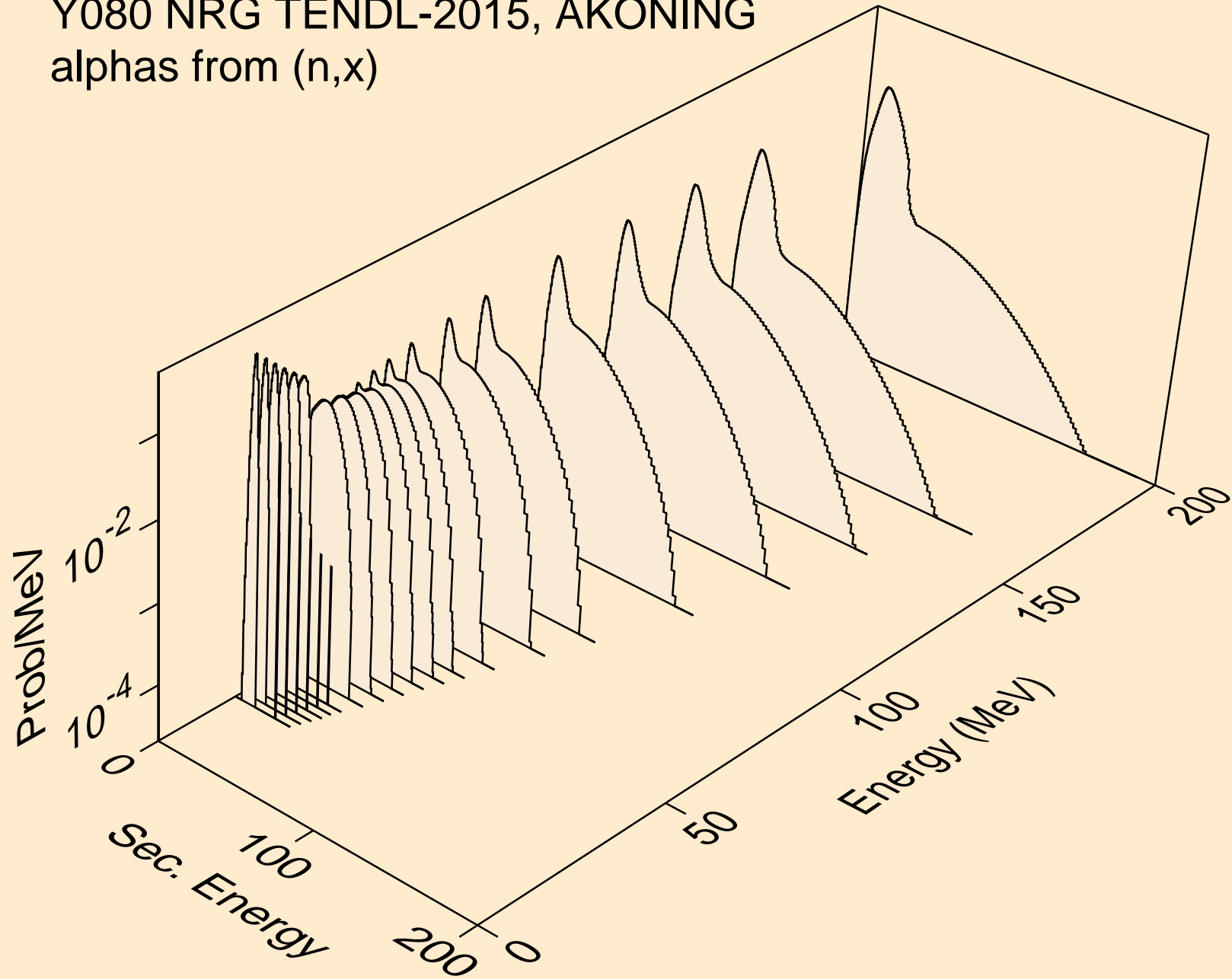




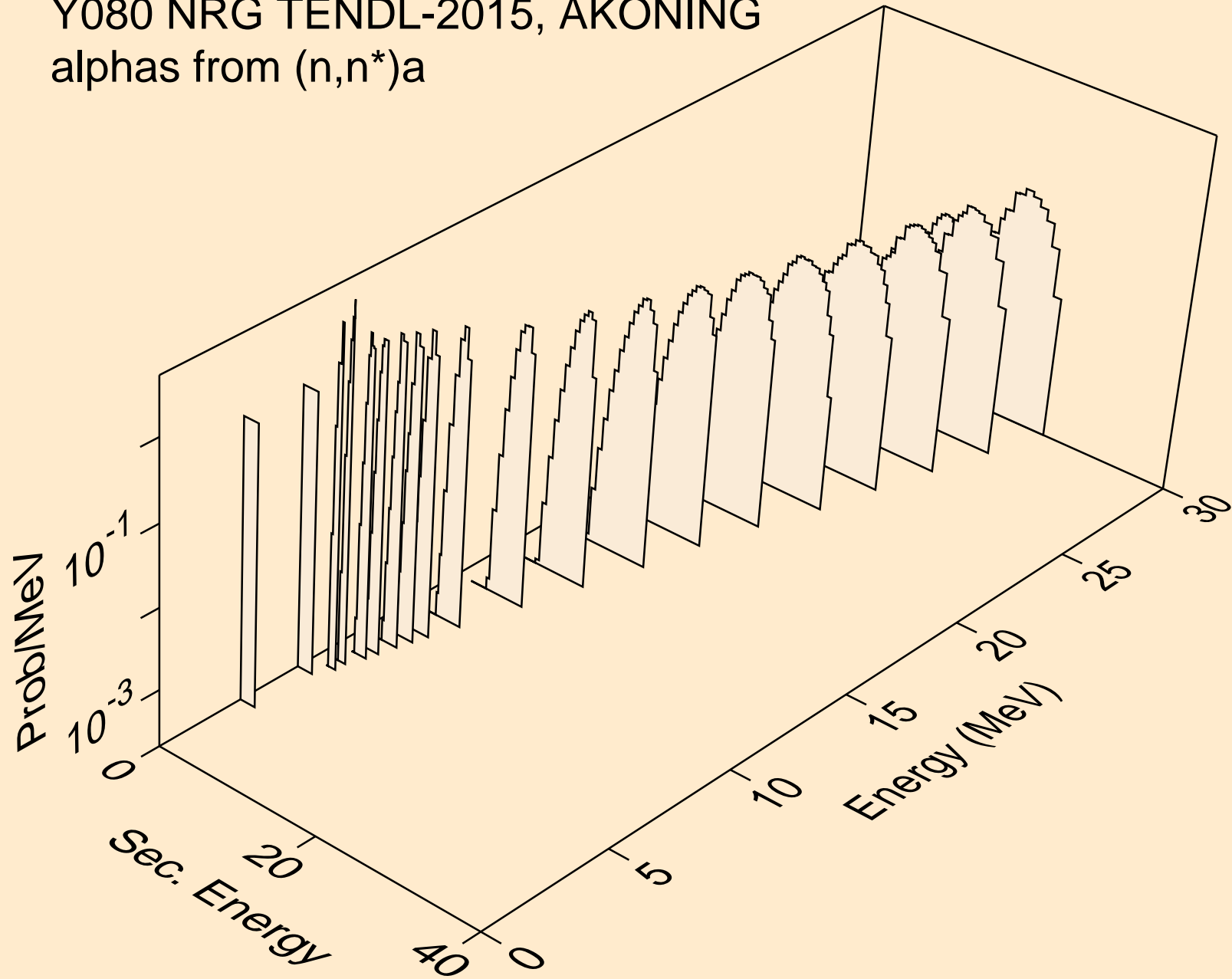
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he3s from (n,he3)



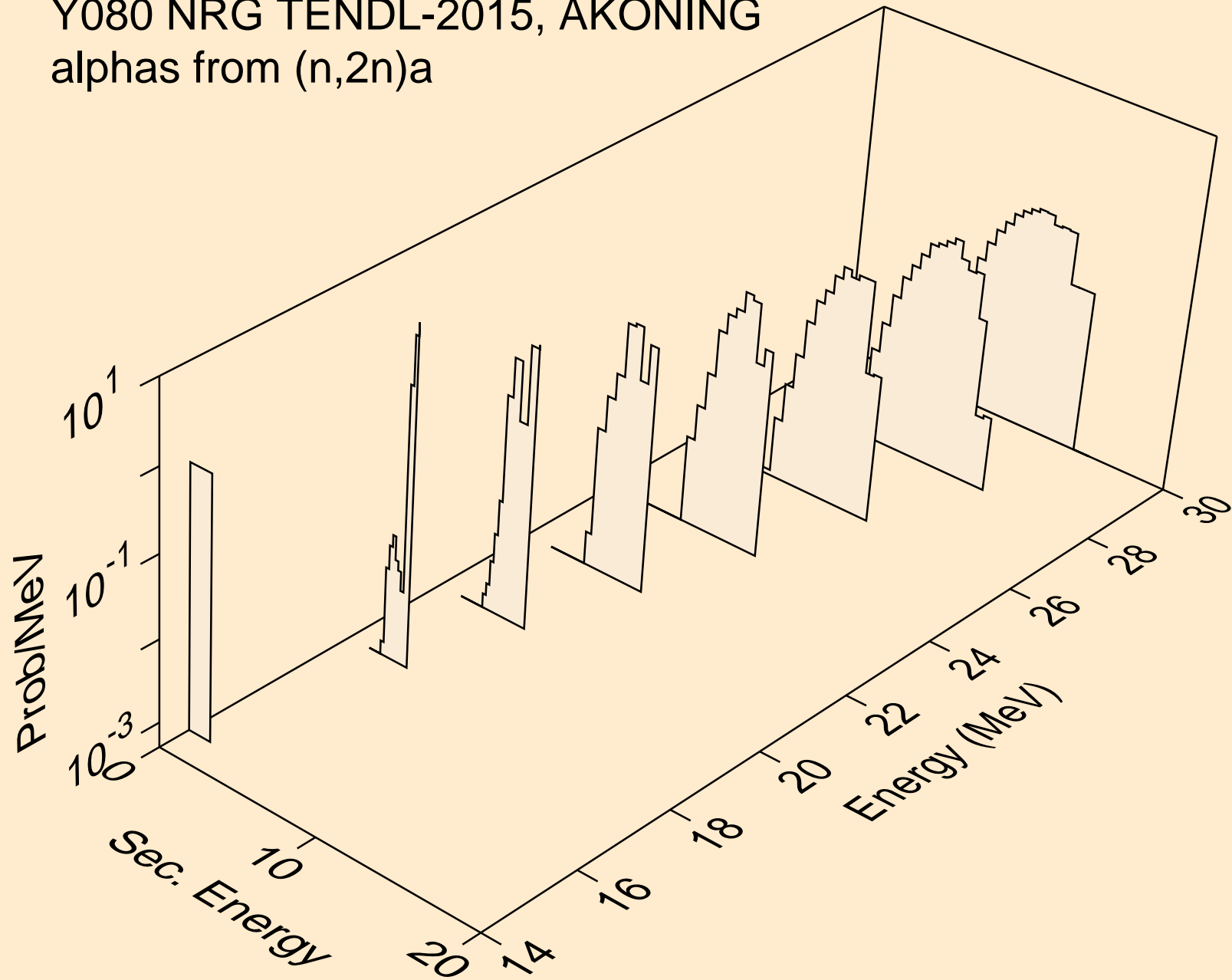
Y080 NRG TENDL-2015, AKONING  
alphas from (n,x)



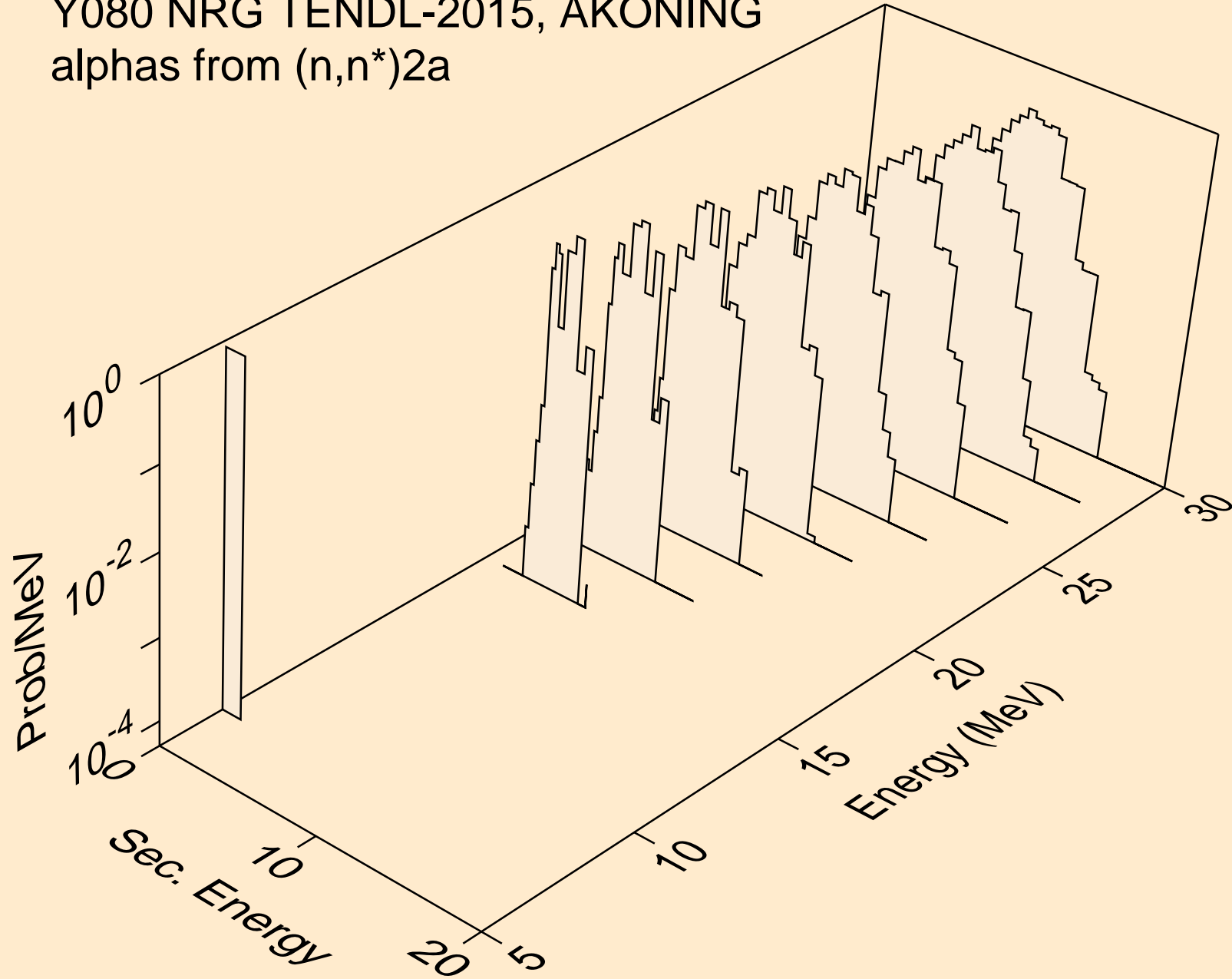
Y080 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



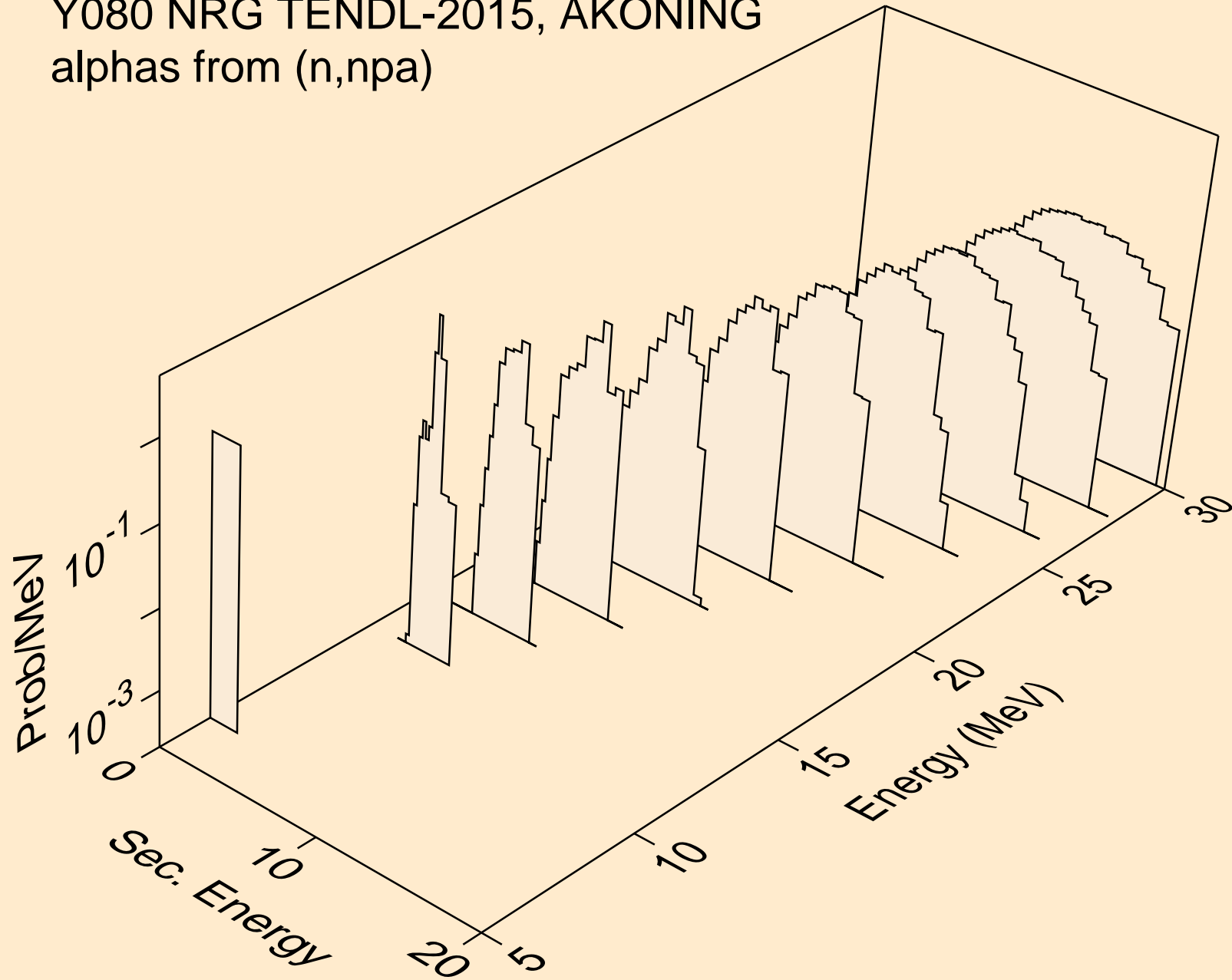
Y080 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



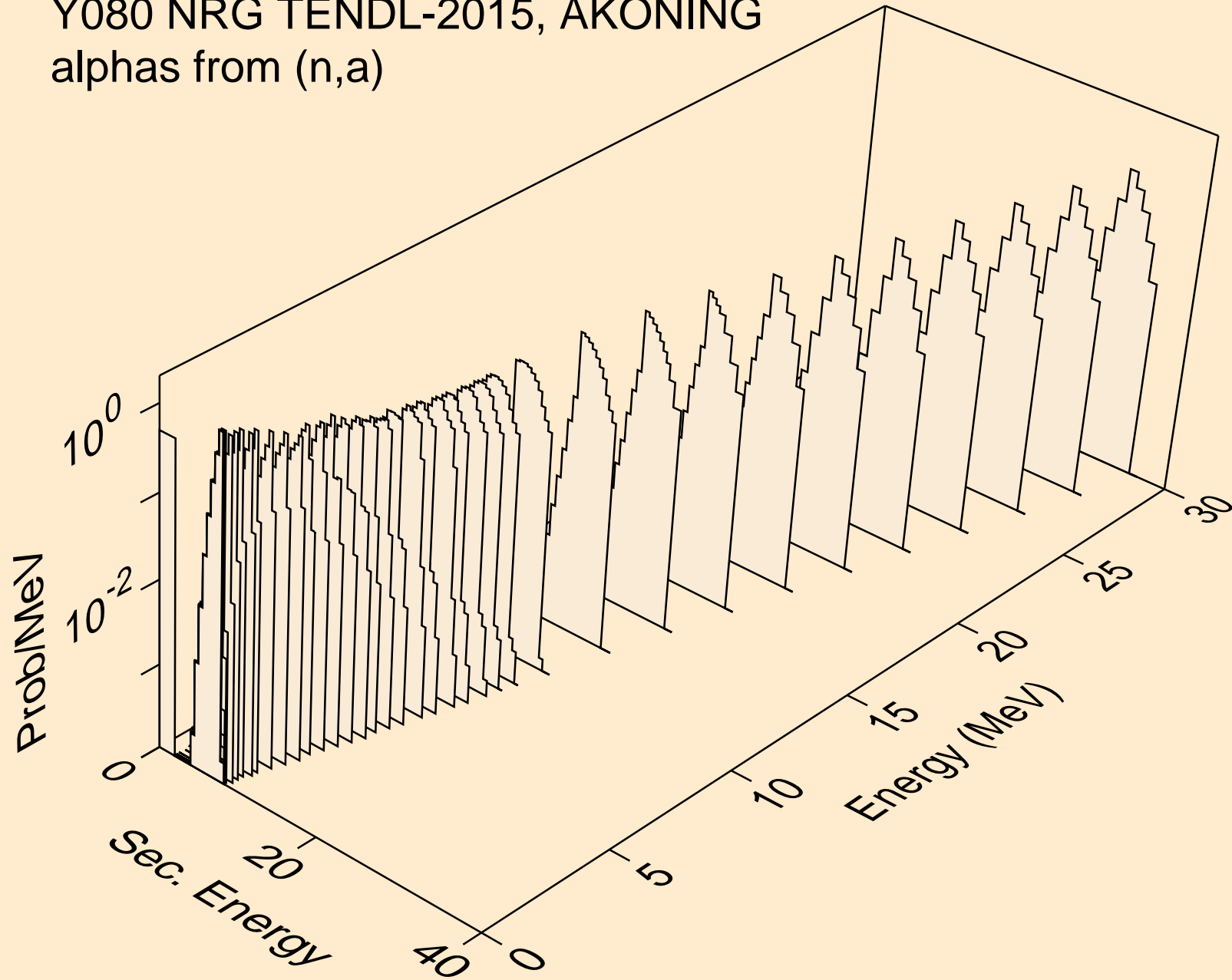
Y080 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



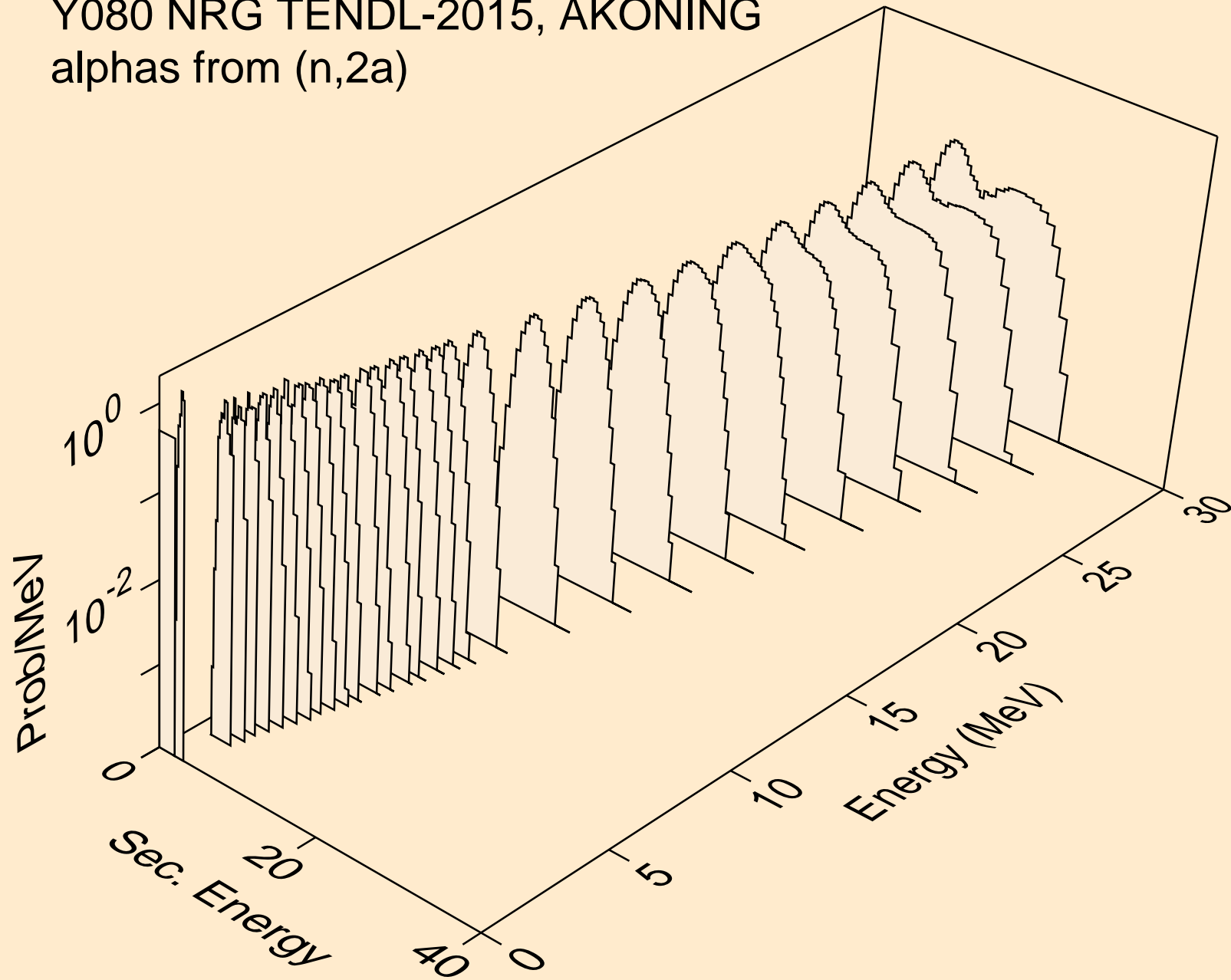
Y080 NRG TENDL-2015, AKONING  
alphas from (n,npa)



Y080 NRG TENDL-2015, AKONING  
alphas from (n,a)

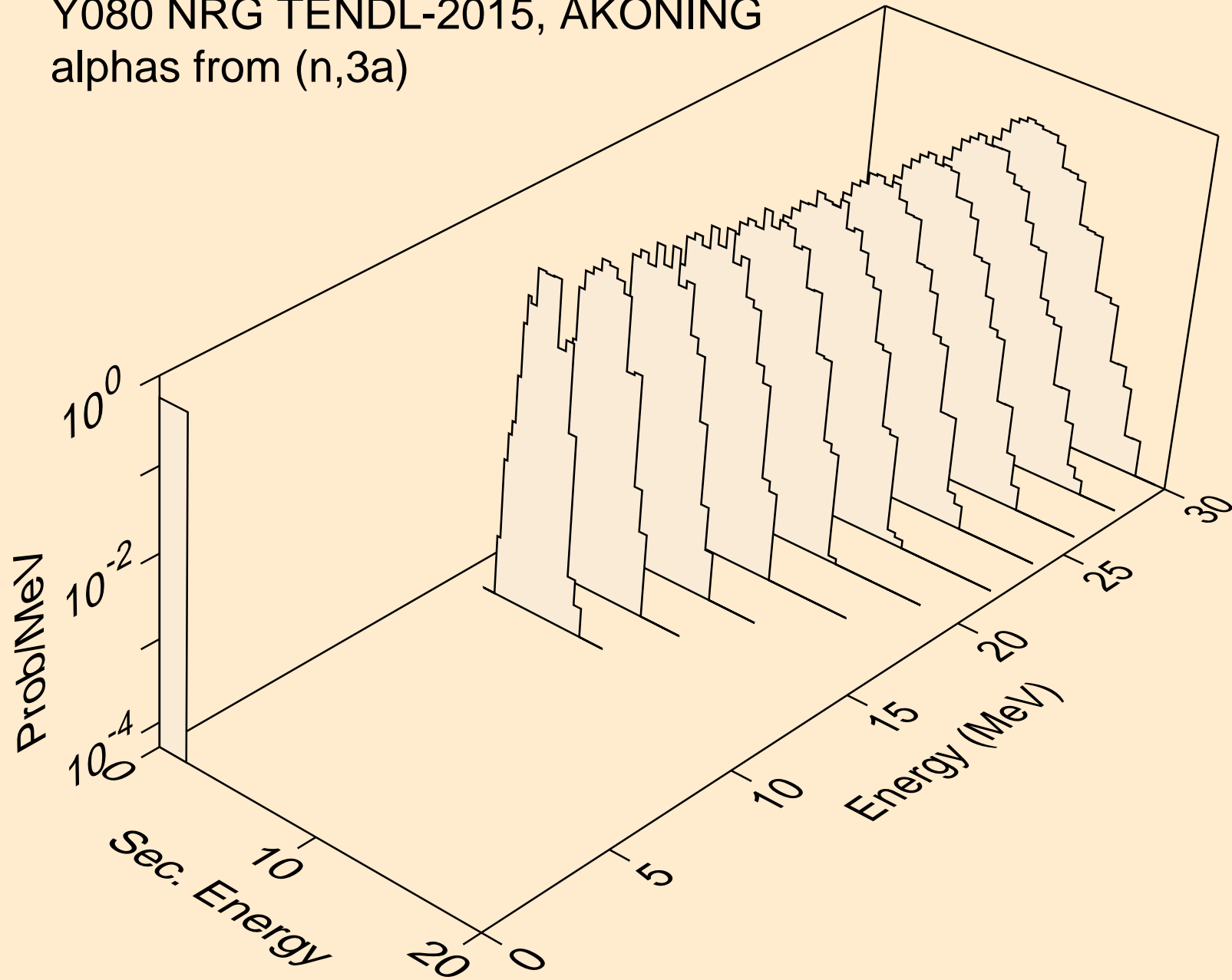


Y080 NRG TENDL-2015, AKONING  
alphas from (n,2a)

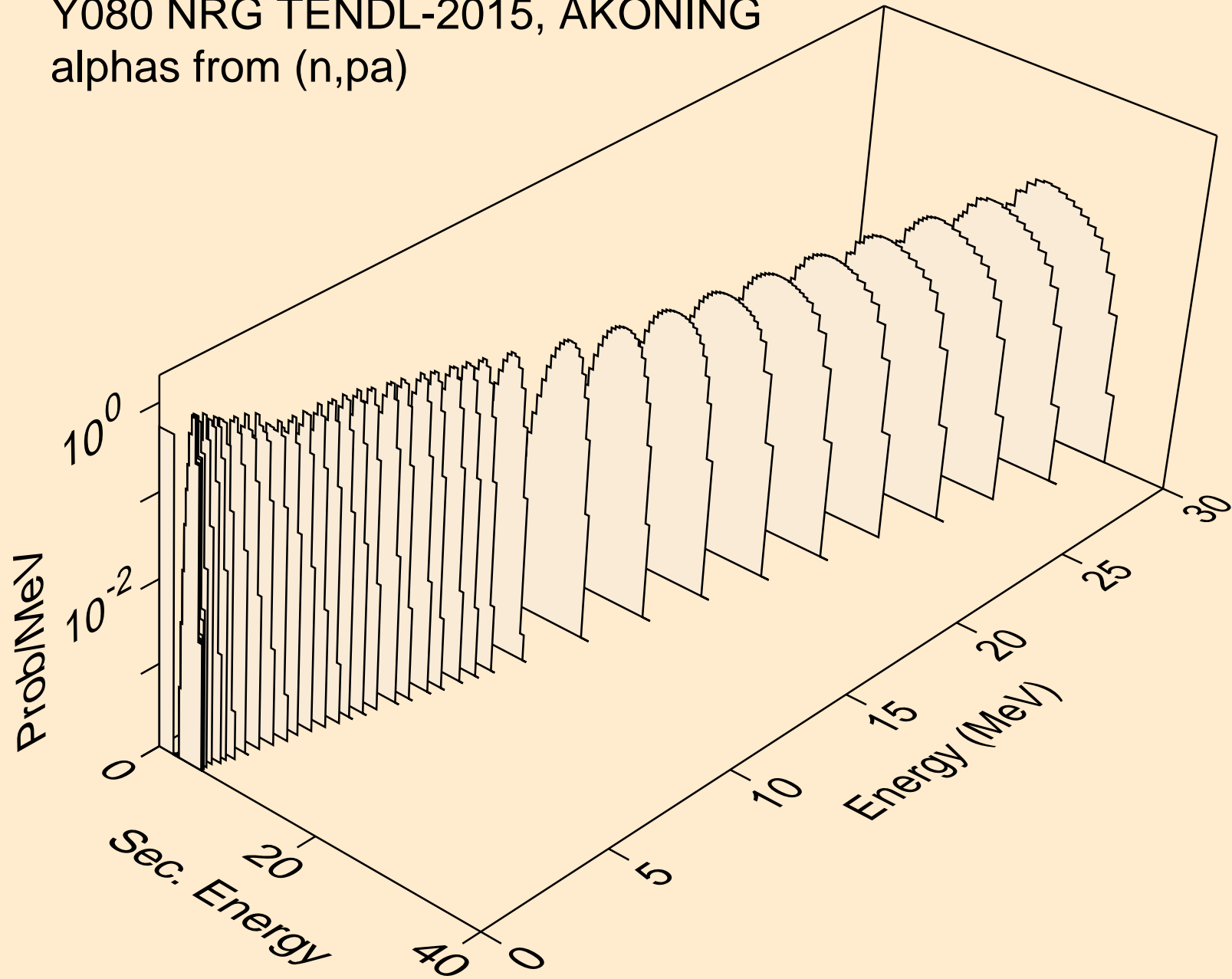




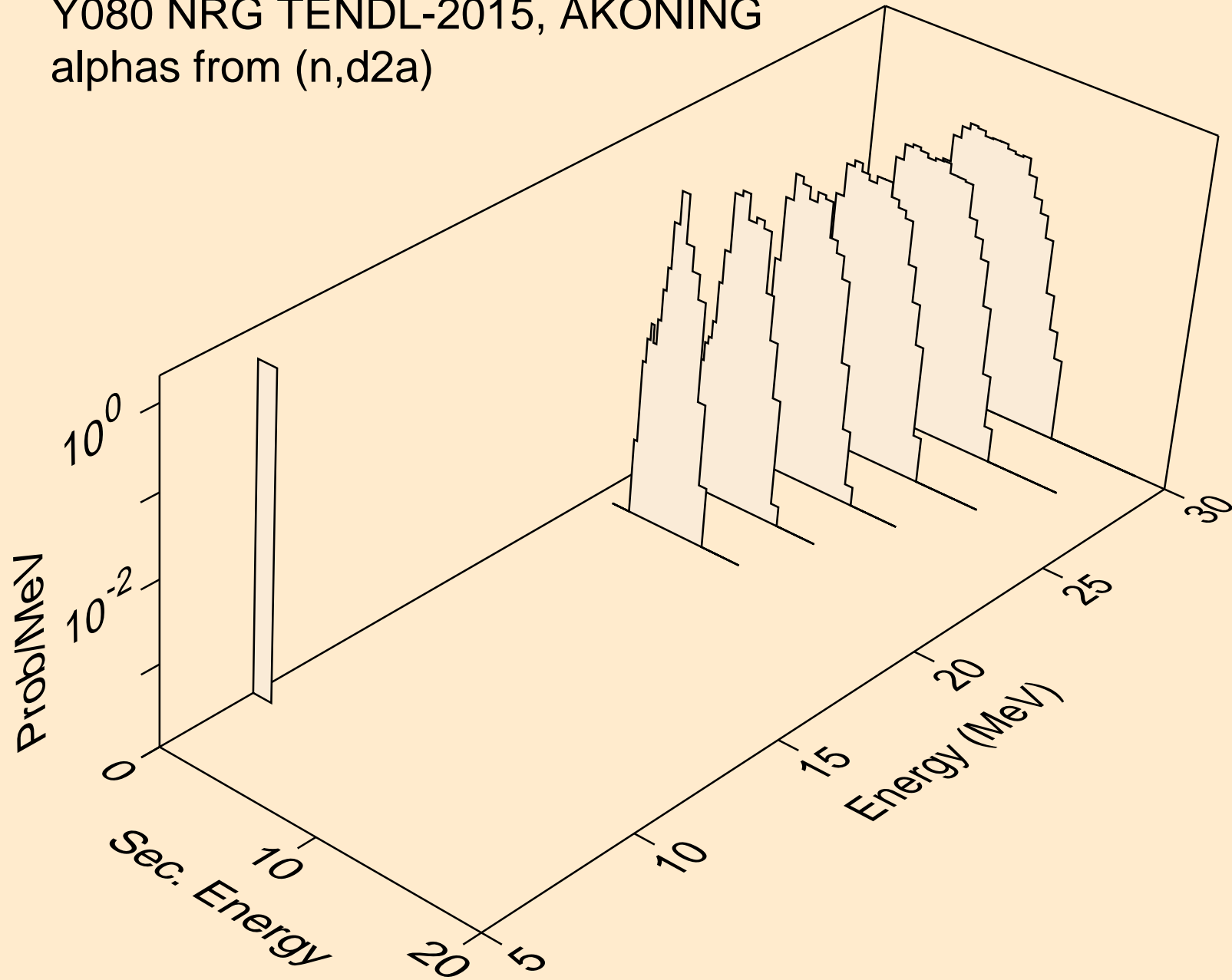
Y080 NRG TENDL-2015, AKONING  
alphas from (n,3a)



Y080 NRG TENDL-2015, AKONING  
alphas from (n,pa)



Y080 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



Y080 NRG TENDL-2015, AKONING  
alphas from (n,da)

