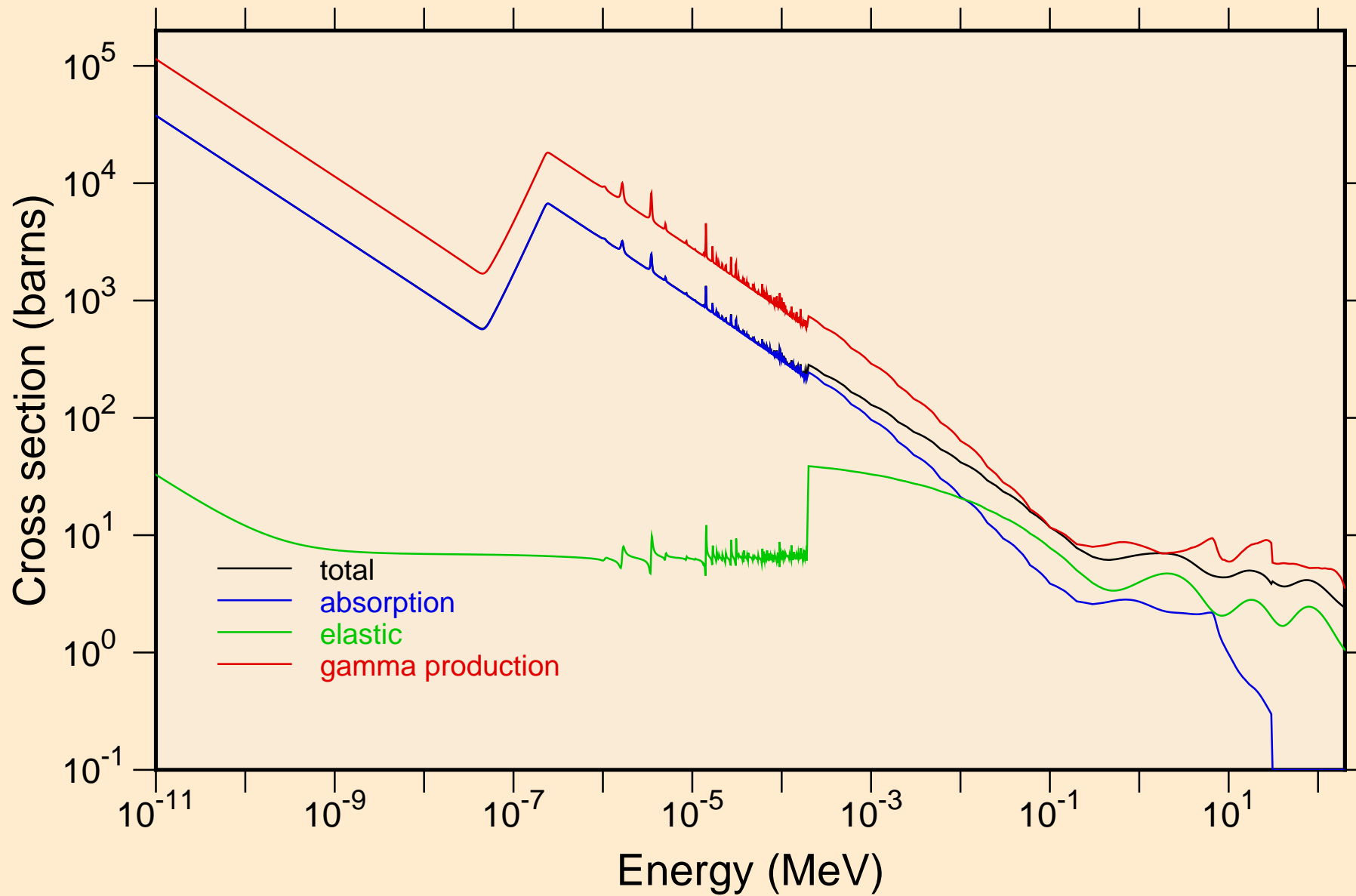
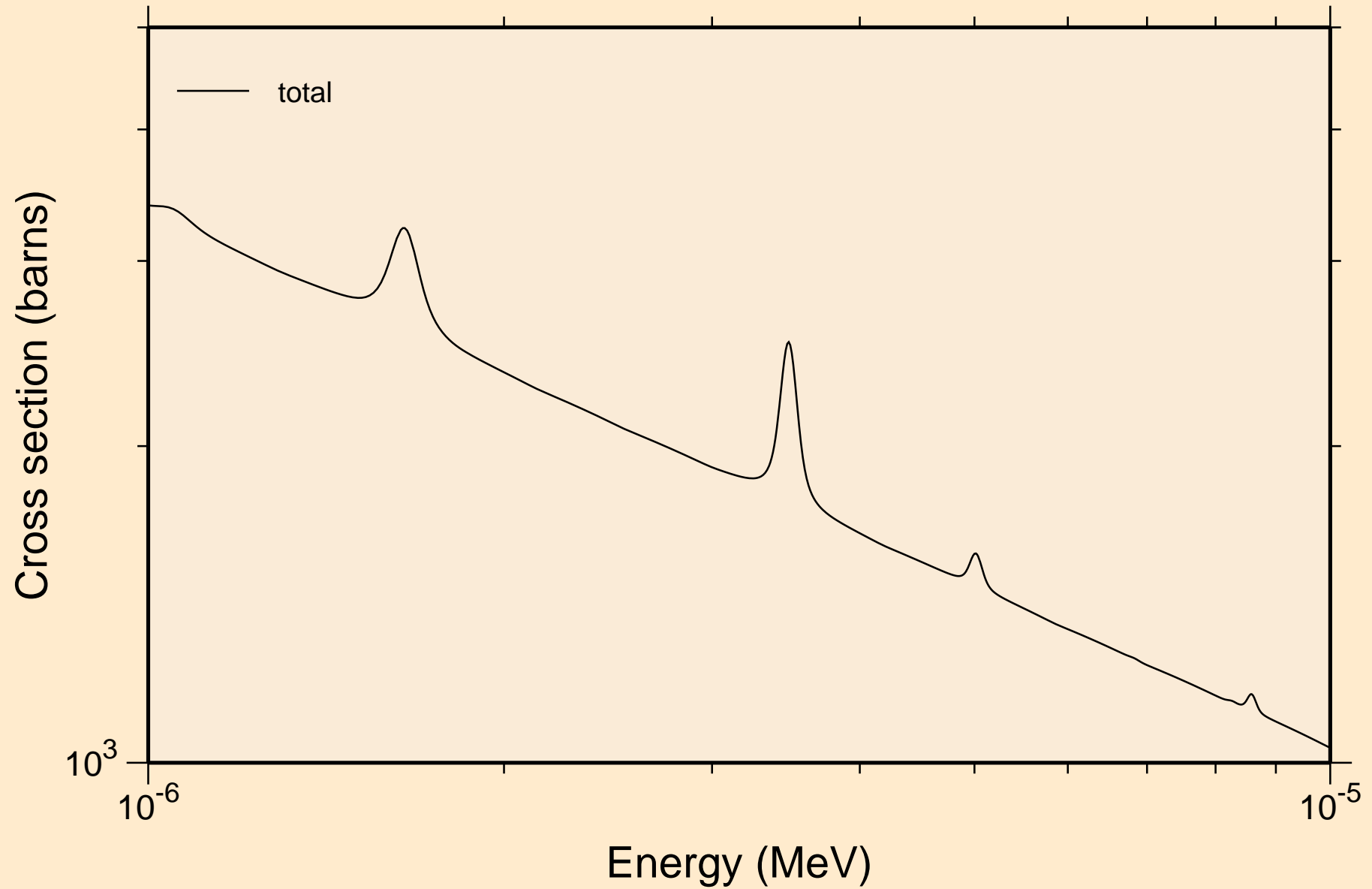


# TM152 NRG TENDL-2015, AKONING

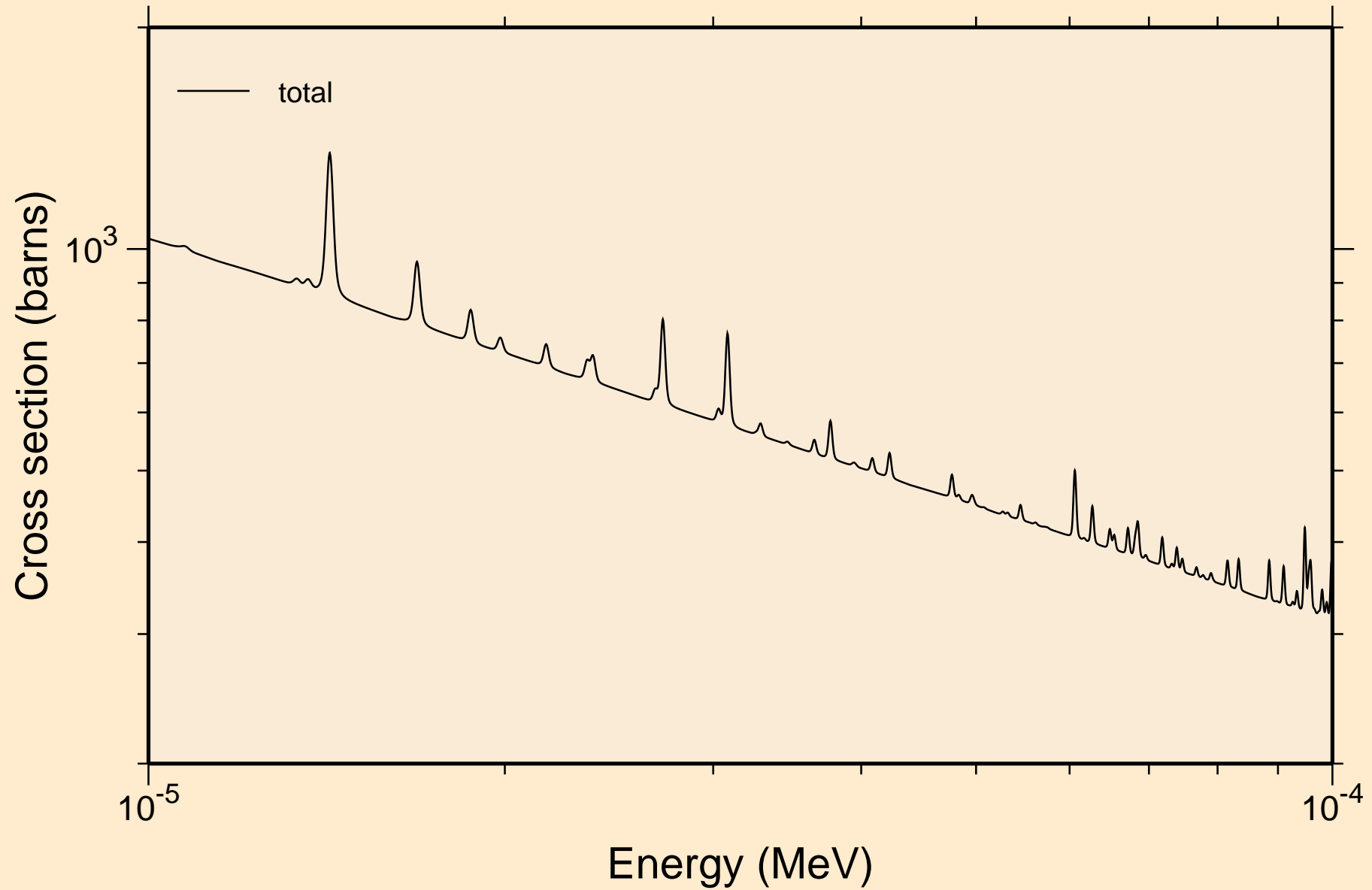
## Principal cross sections



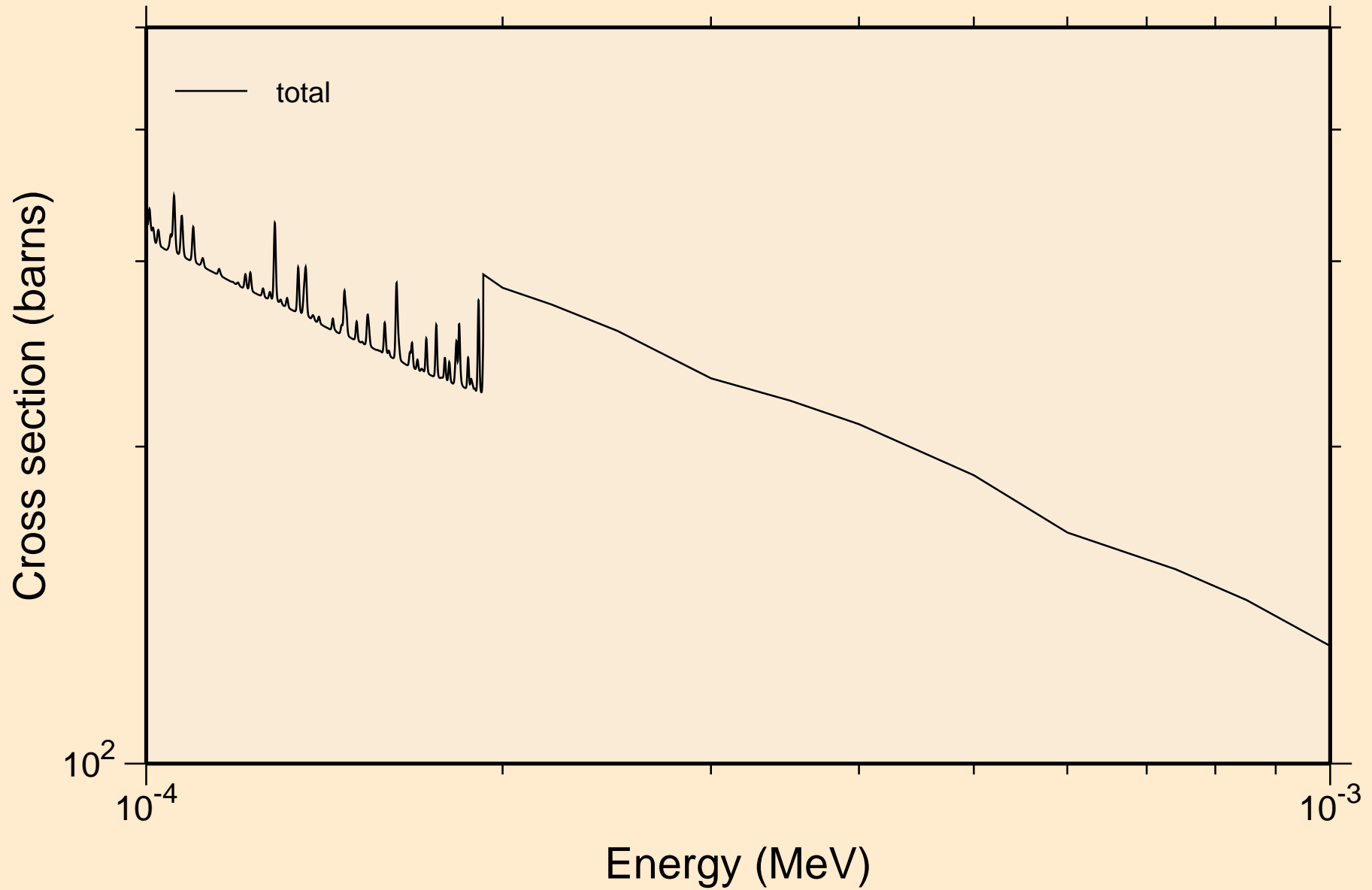
TM152 NRG TENDL-2015, AKONING  
resonance total cross section



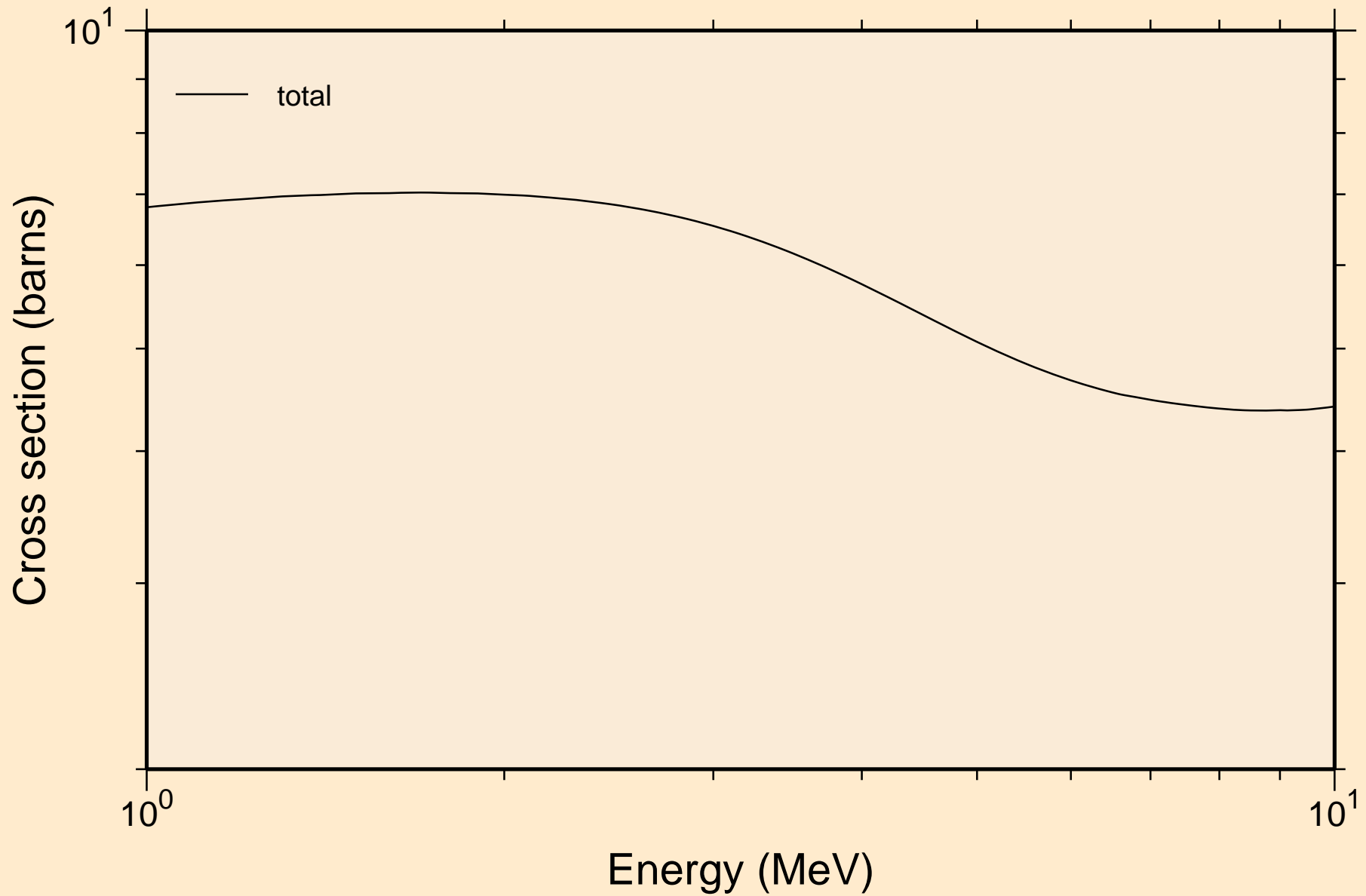
TM152 NRG TENDL-2015, AKONING  
resonance total cross section



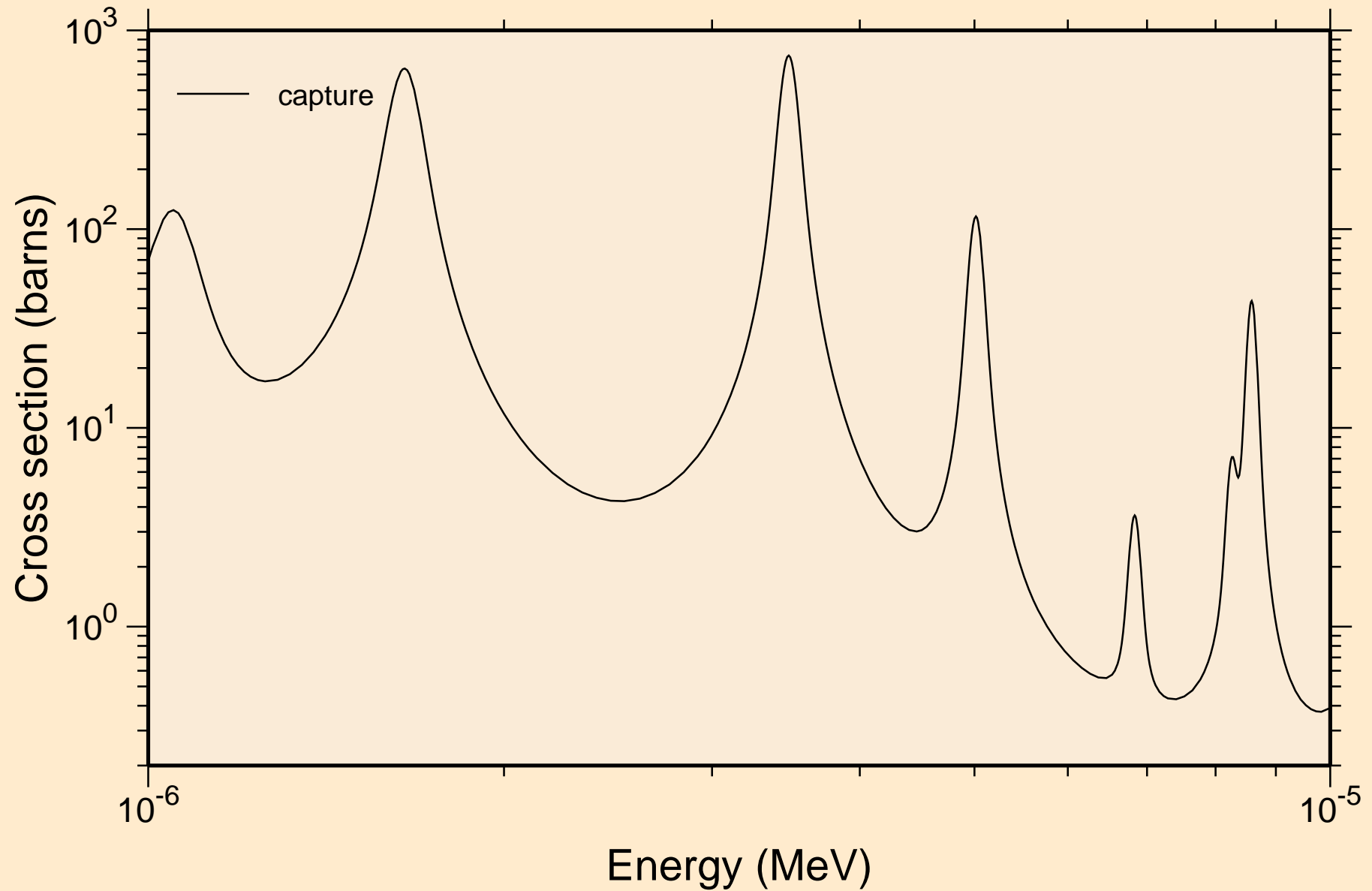
TM152 NRG TENDL-2015, AKONING  
resonance total cross section



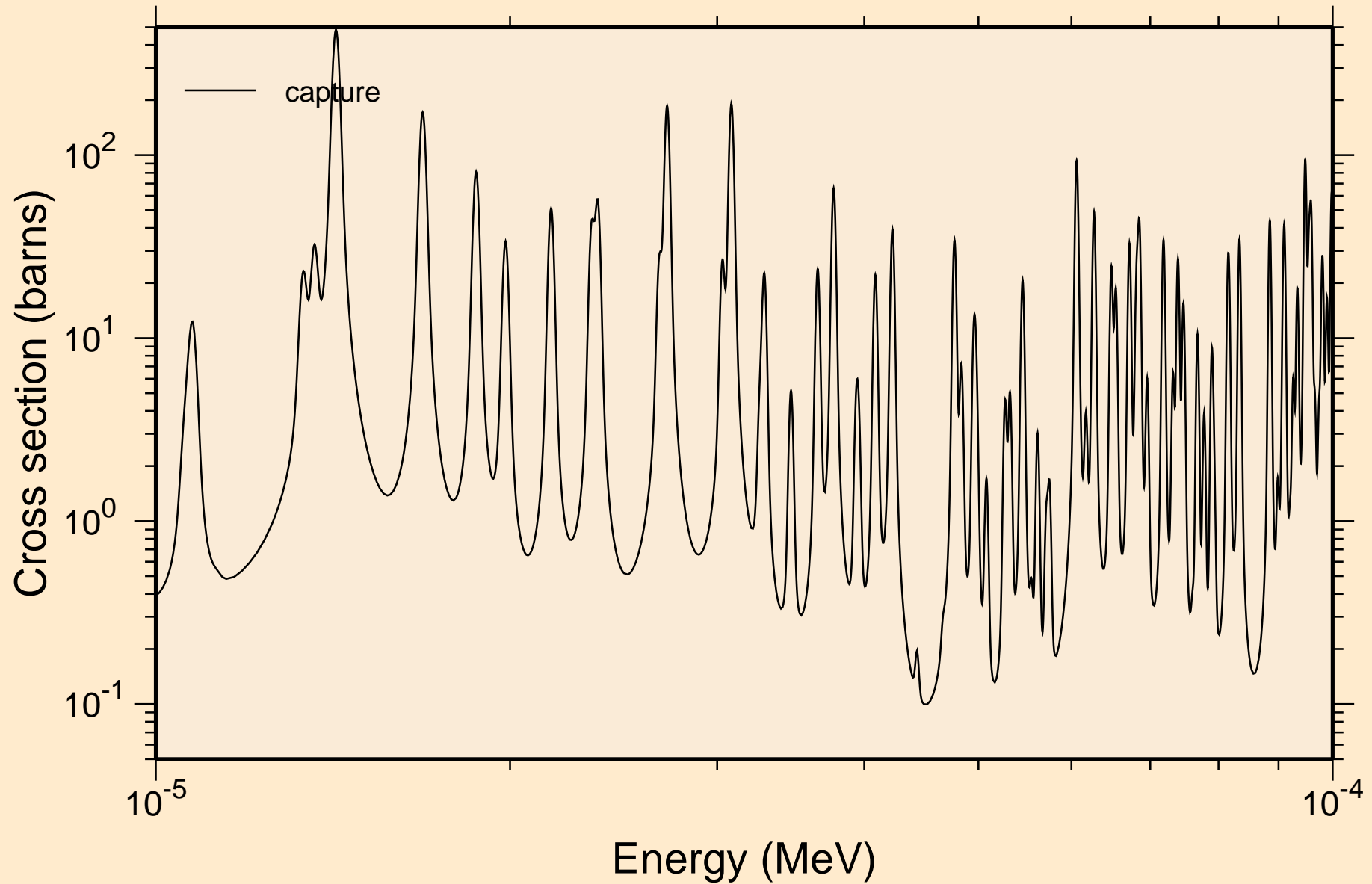
TM152 NRG TENDL-2015, AKONING  
resonance total cross section



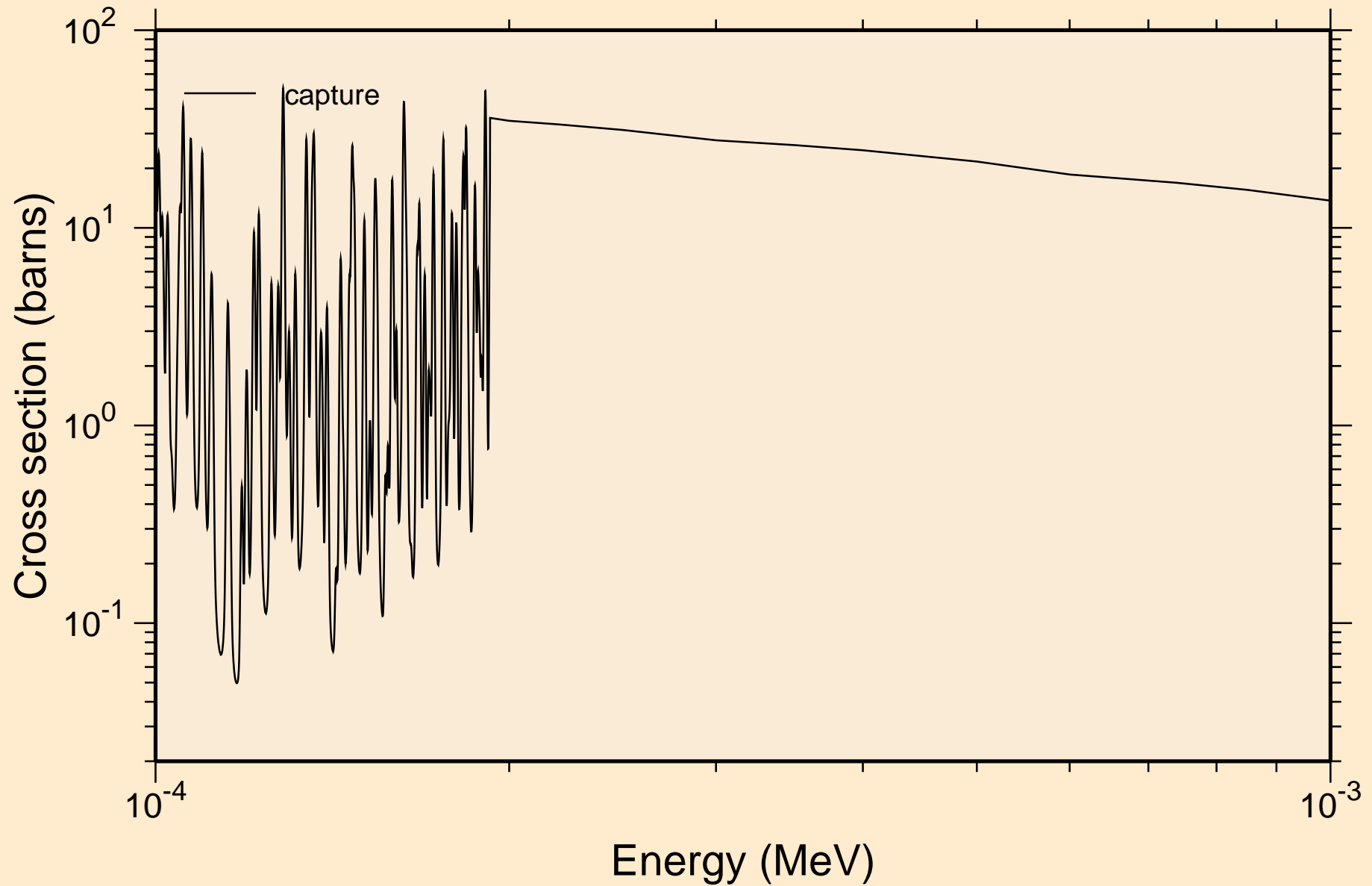
TM152 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# TM152 NRG TENDL-2015, AKONING resonance absorption cross sections

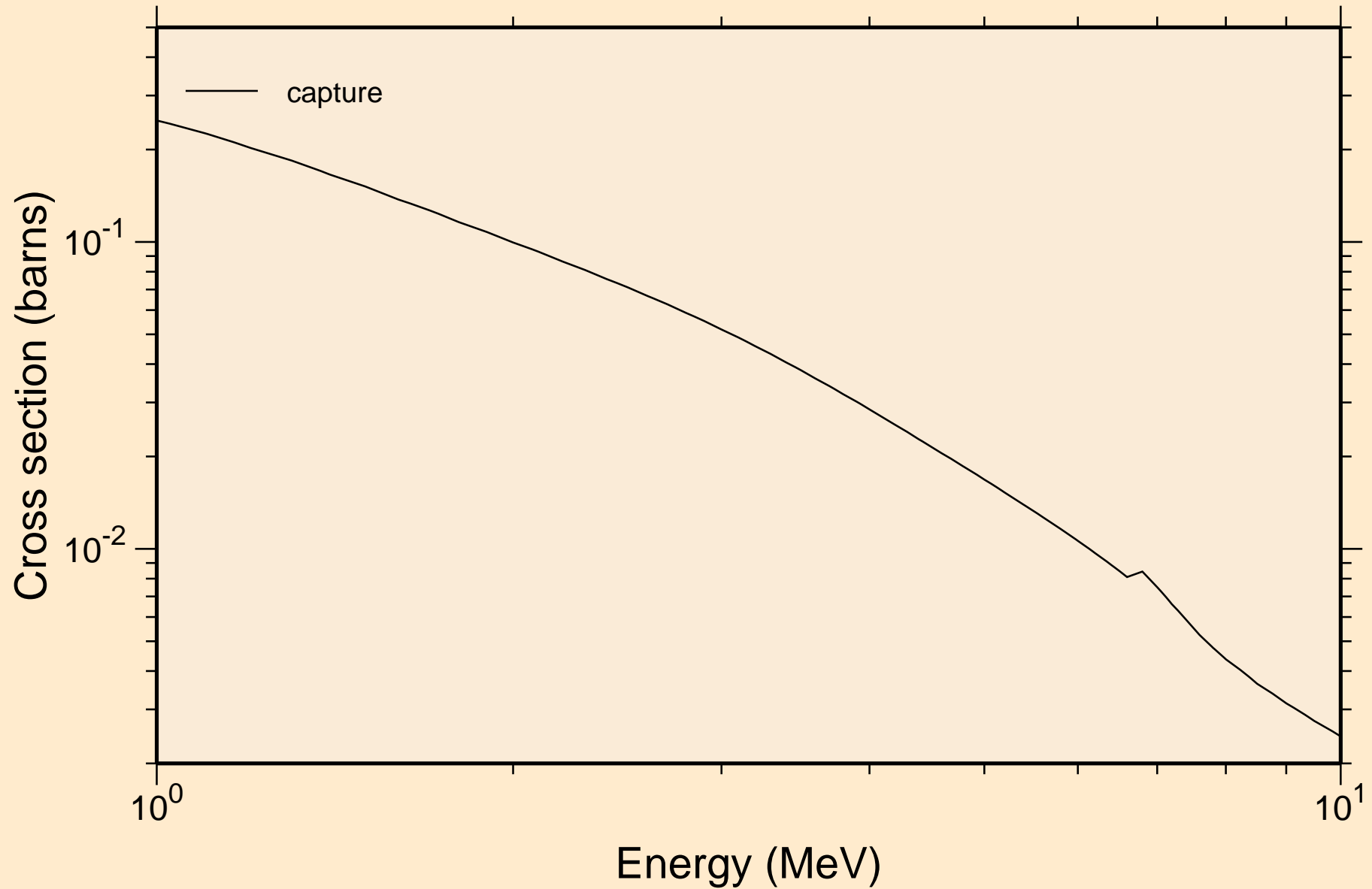


TM152 NRG TENDL-2015, AKONING  
resonance absorption cross sections



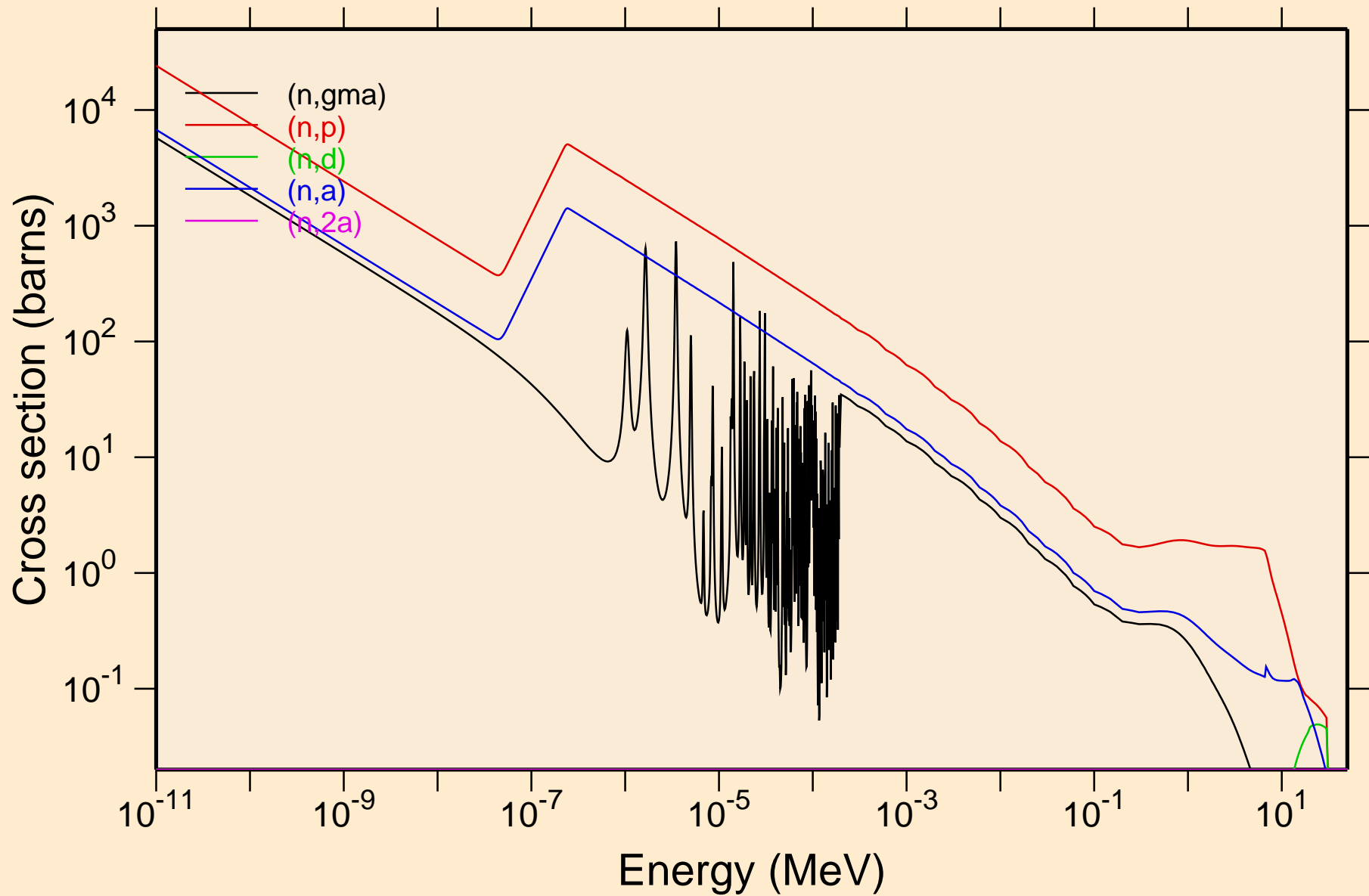


TM152 NRG TENDL-2015, AKONING  
resonance absorption cross sections



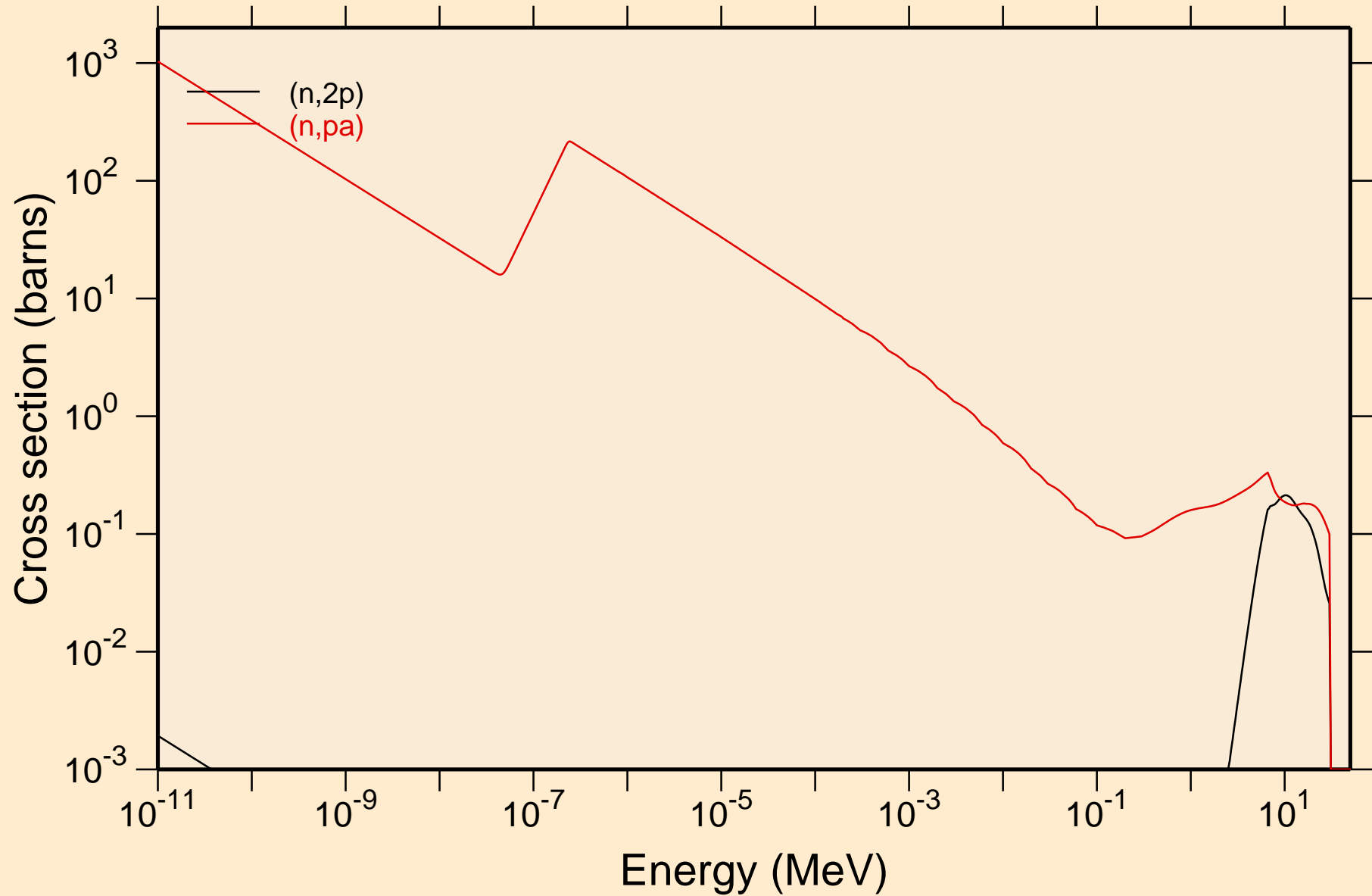
# TM152 NRG TENDL-2015, AKONING

## Non-threshold reactions



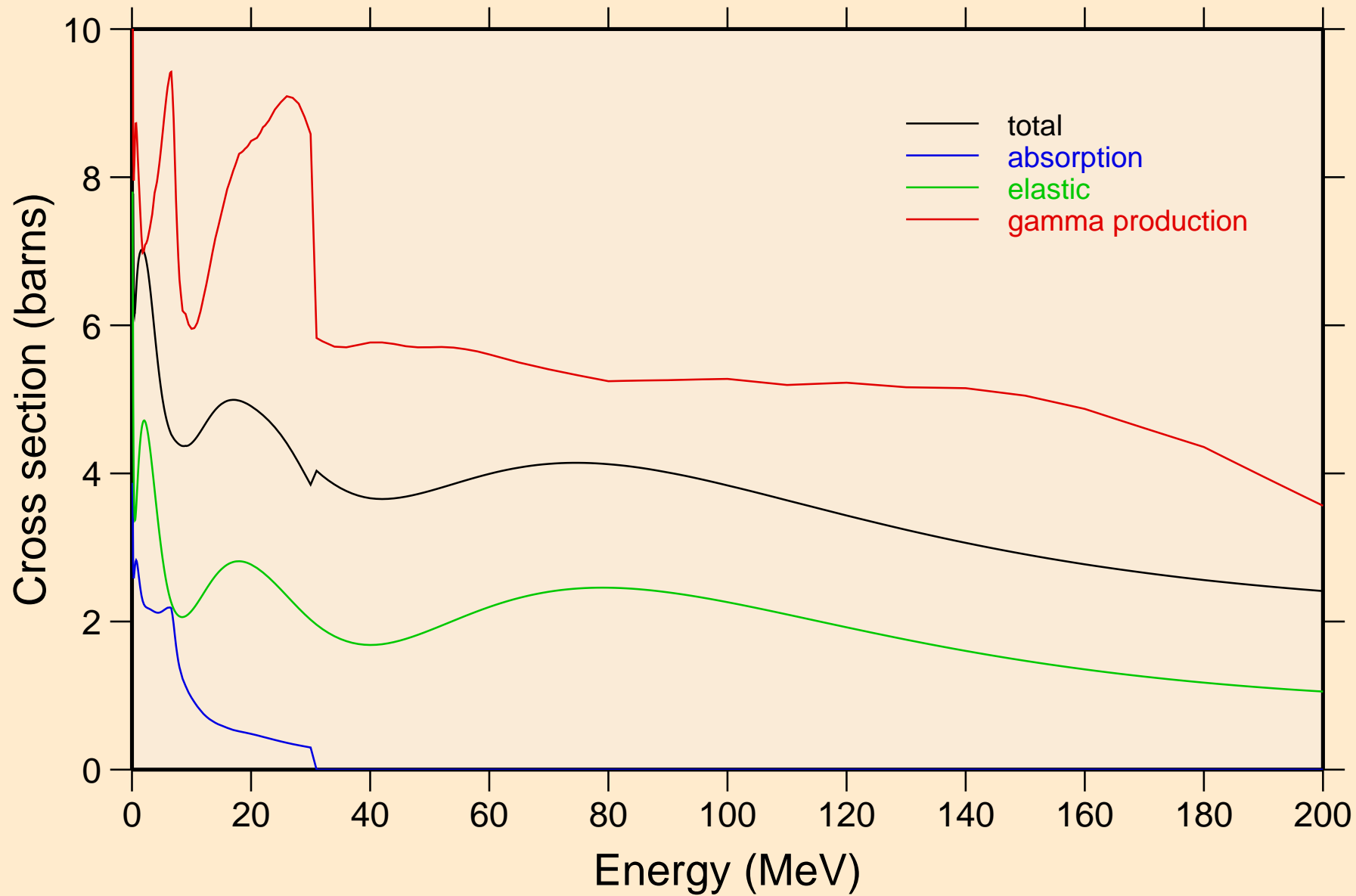
# TM152 NRG TENDL-2015, AKONING

## Non-threshold reactions



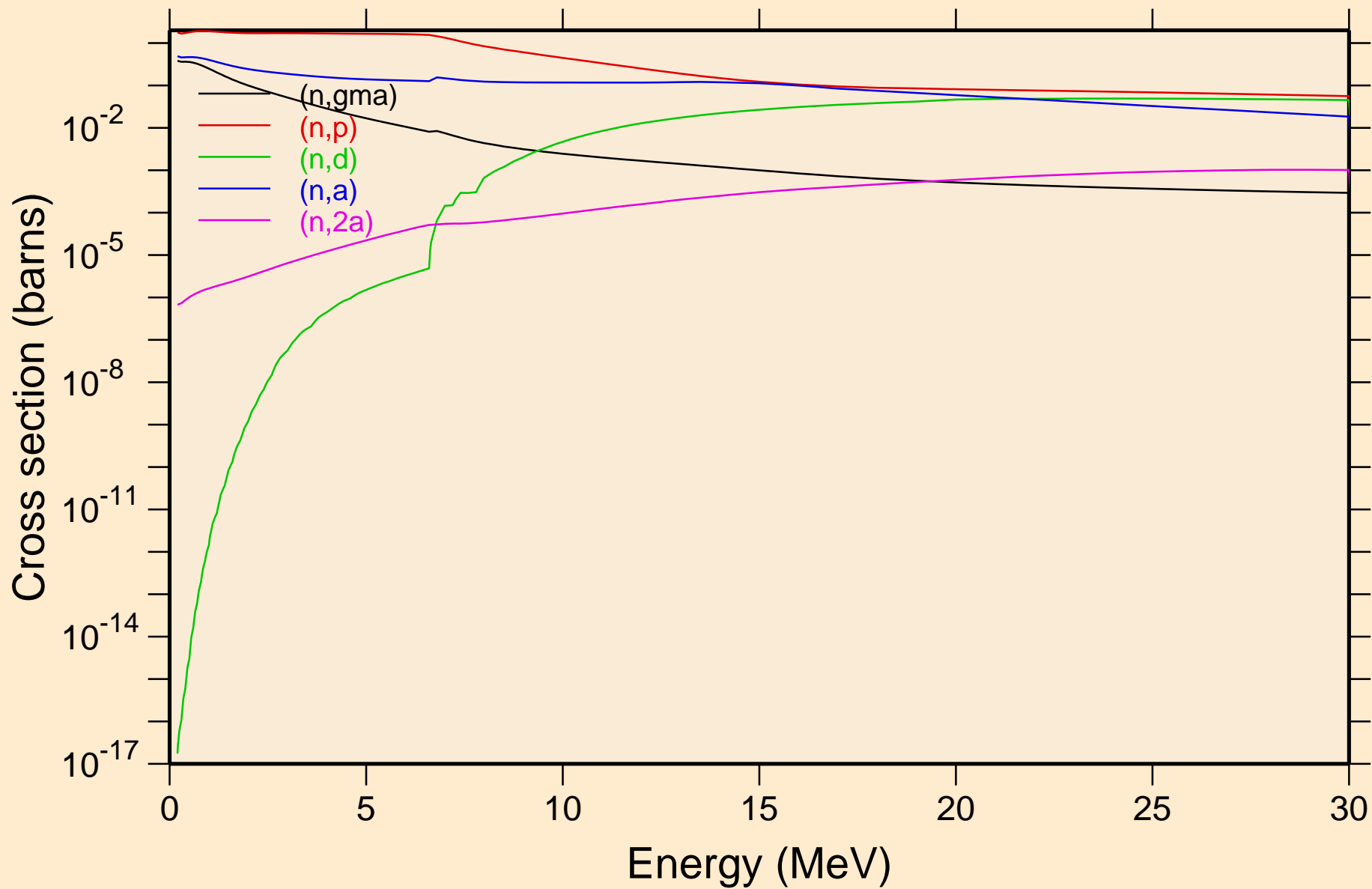
# TM152 NRG TENDL-2015, AKONING

## Principal cross sections



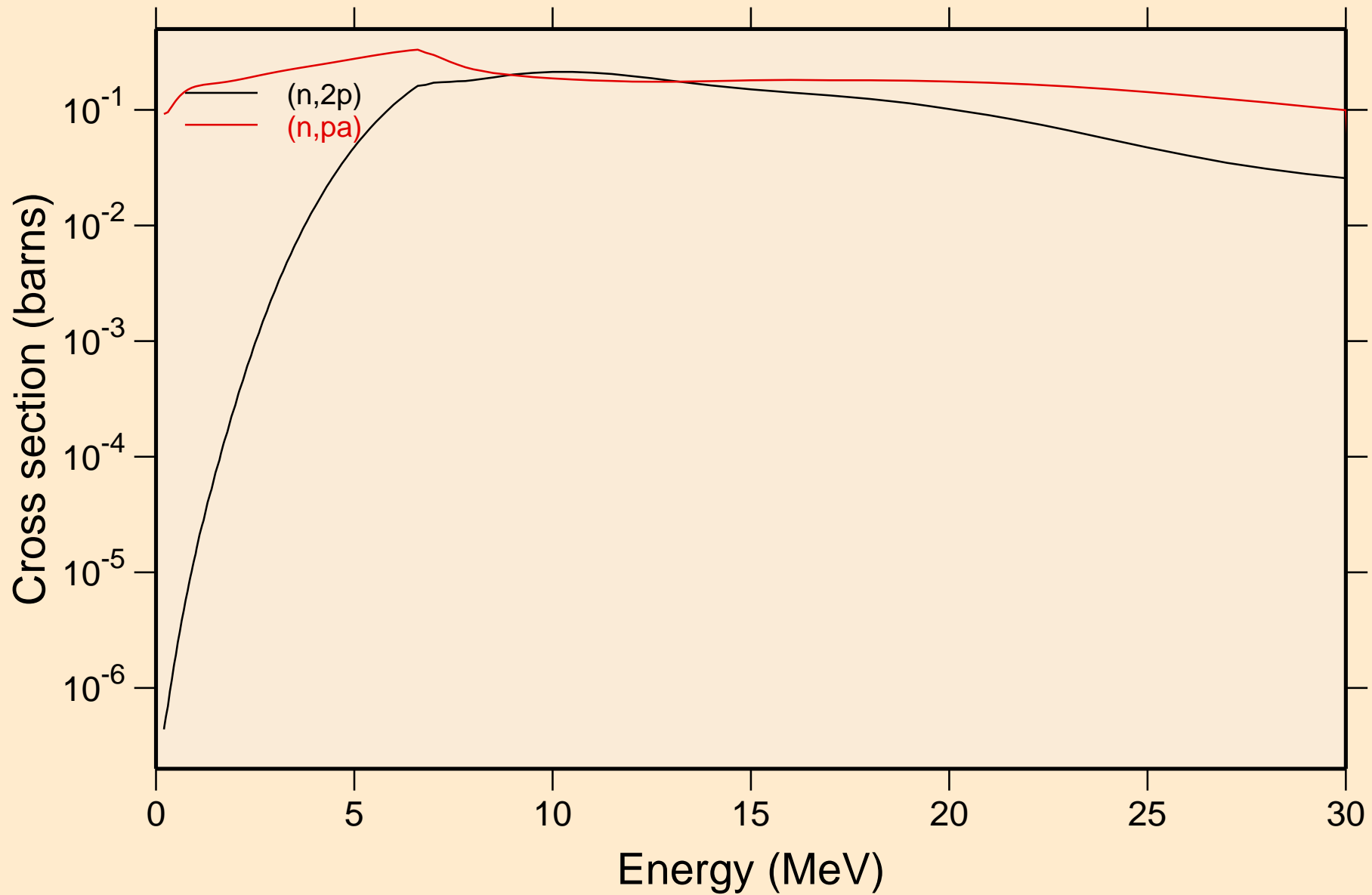
# TM152 NRG TENDL-2015, AKONING

## Non-threshold reactions



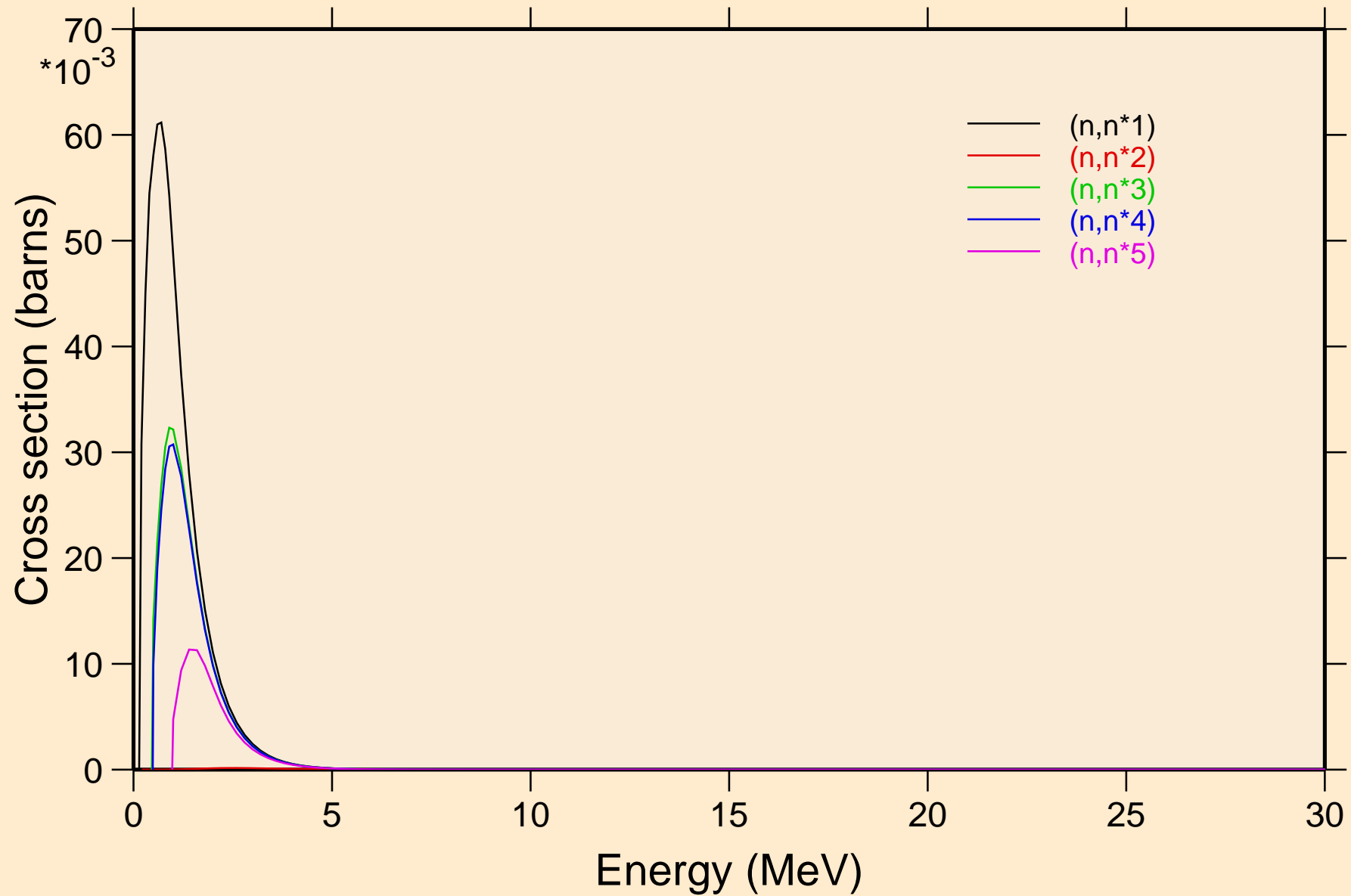
# TM152 NRG TENDL-2015, AKONING

## Non-threshold reactions



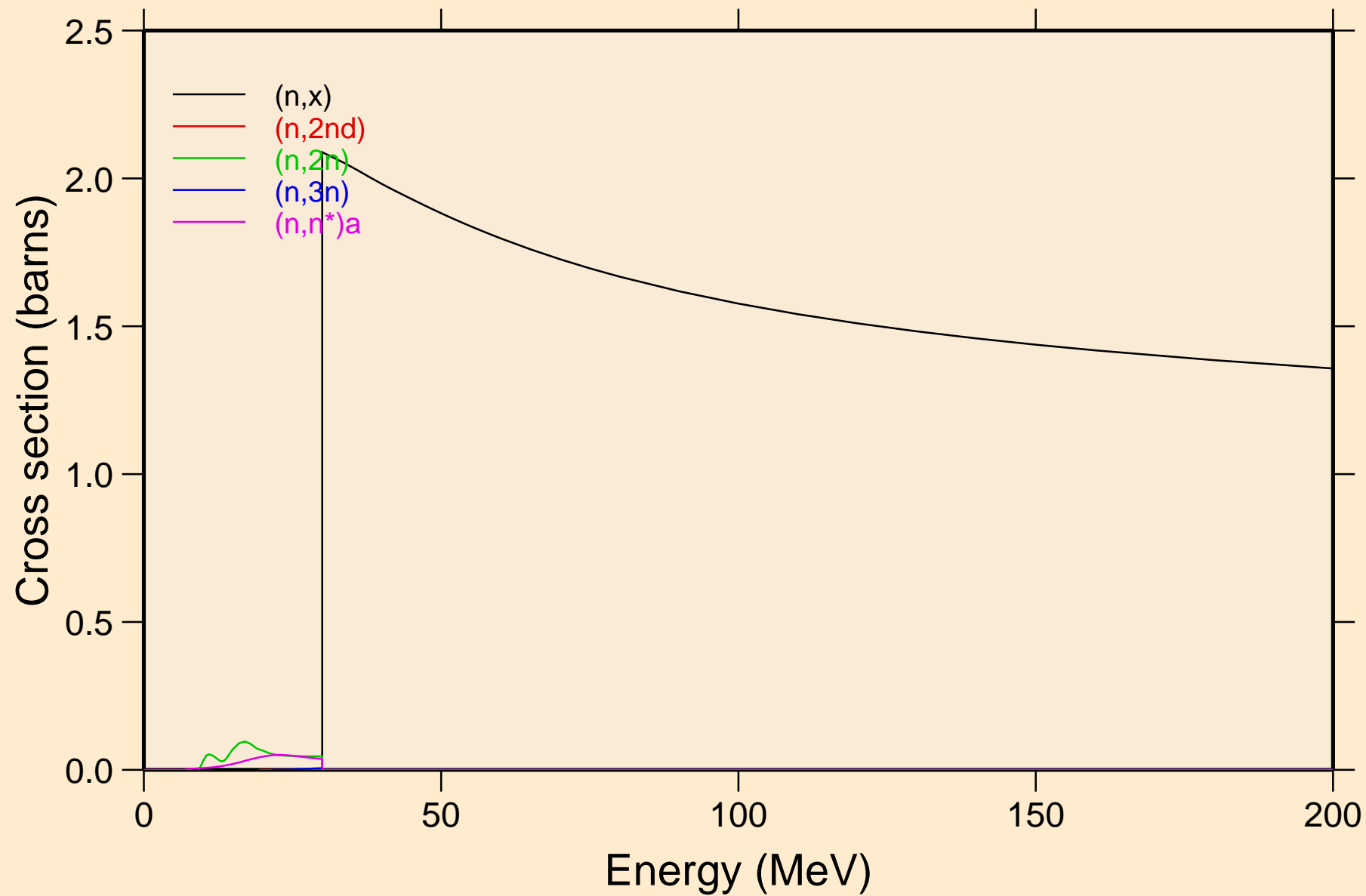
# TM152 NRG TENDL-2015, AKONING

## Inelastic levels



# TM152 NRG TENDL-2015, AKONING

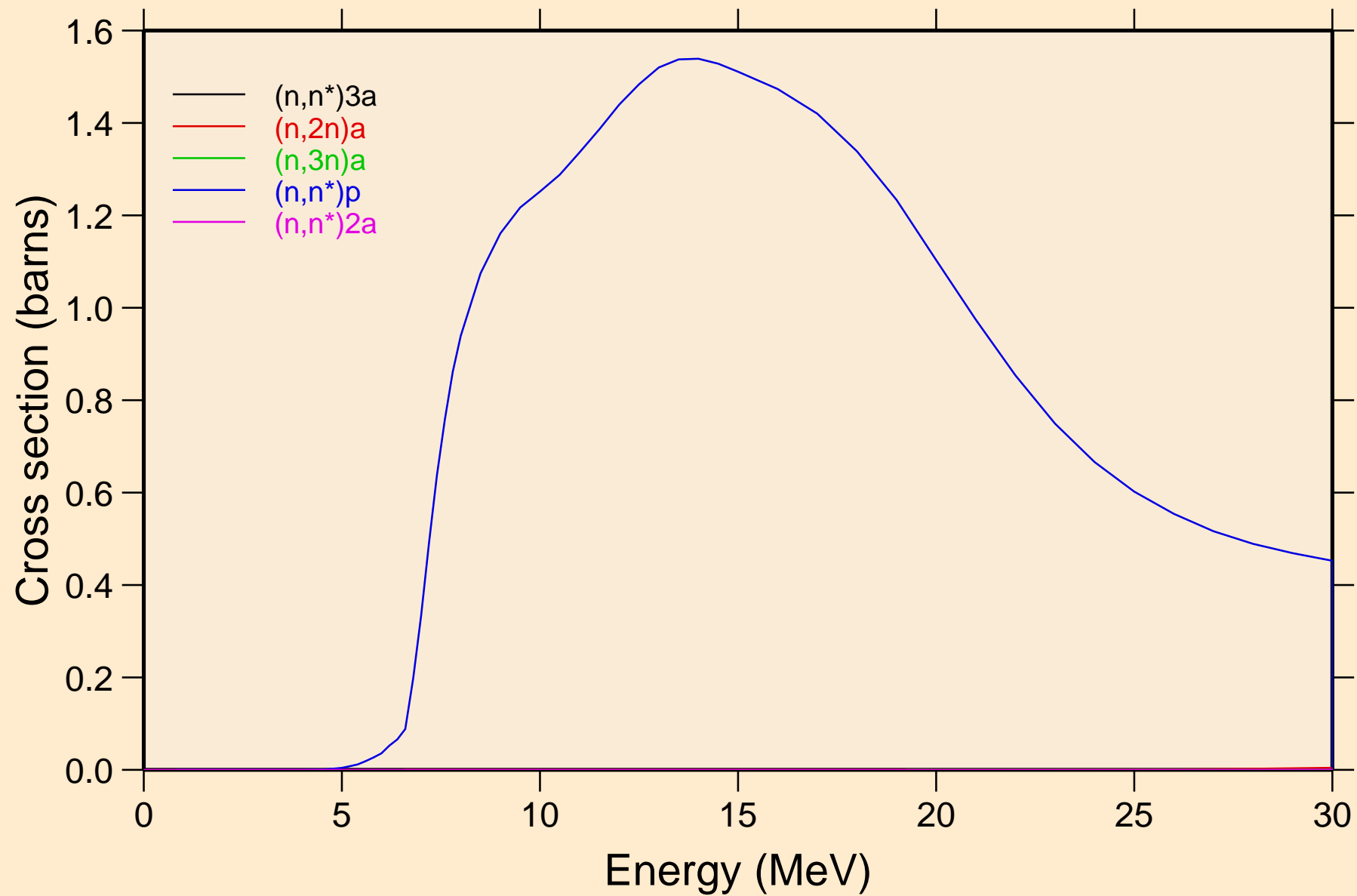
## Threshold reactions





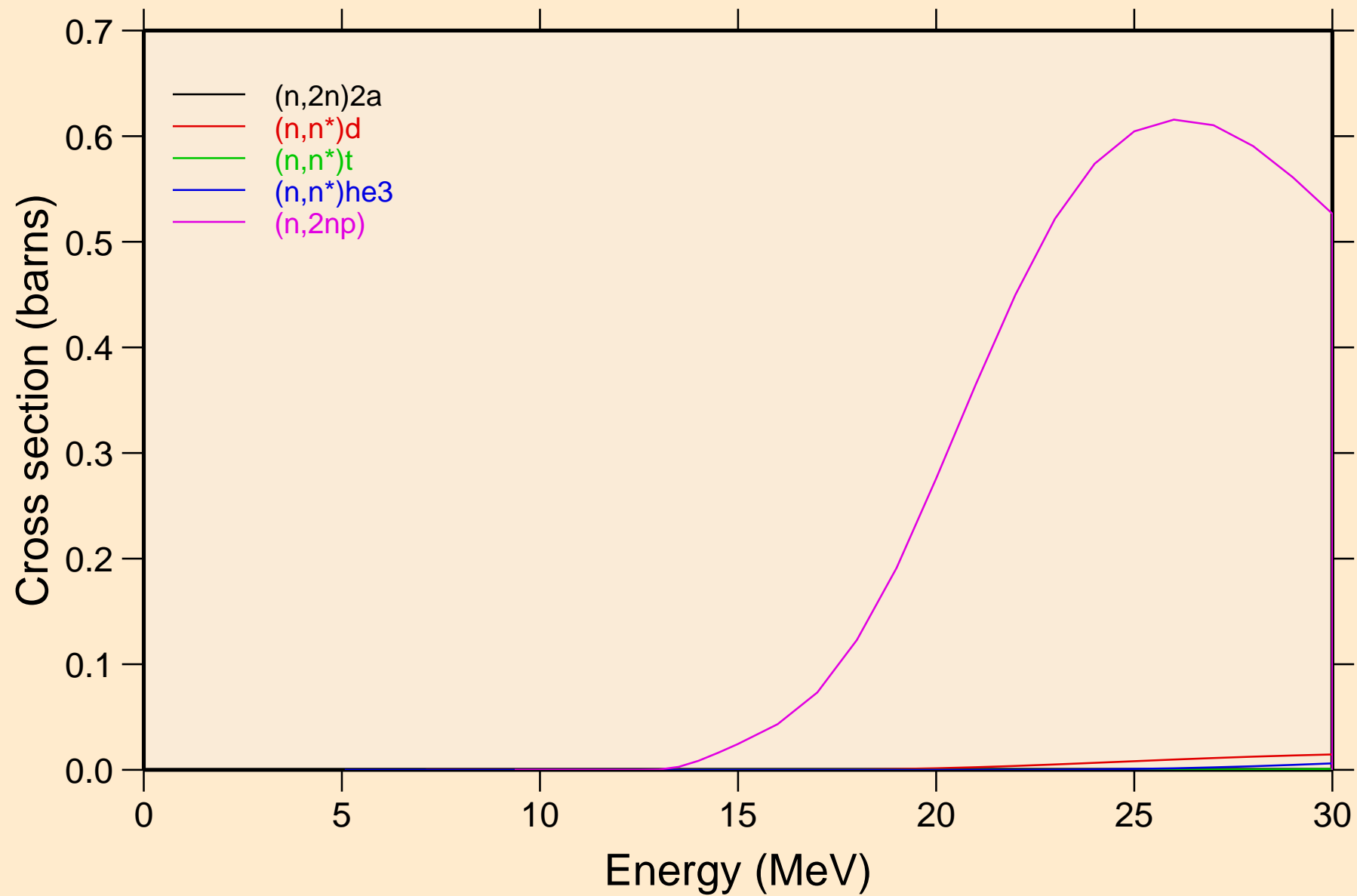
# TM152 NRG TENDL-2015, AKONING

## Threshold reactions



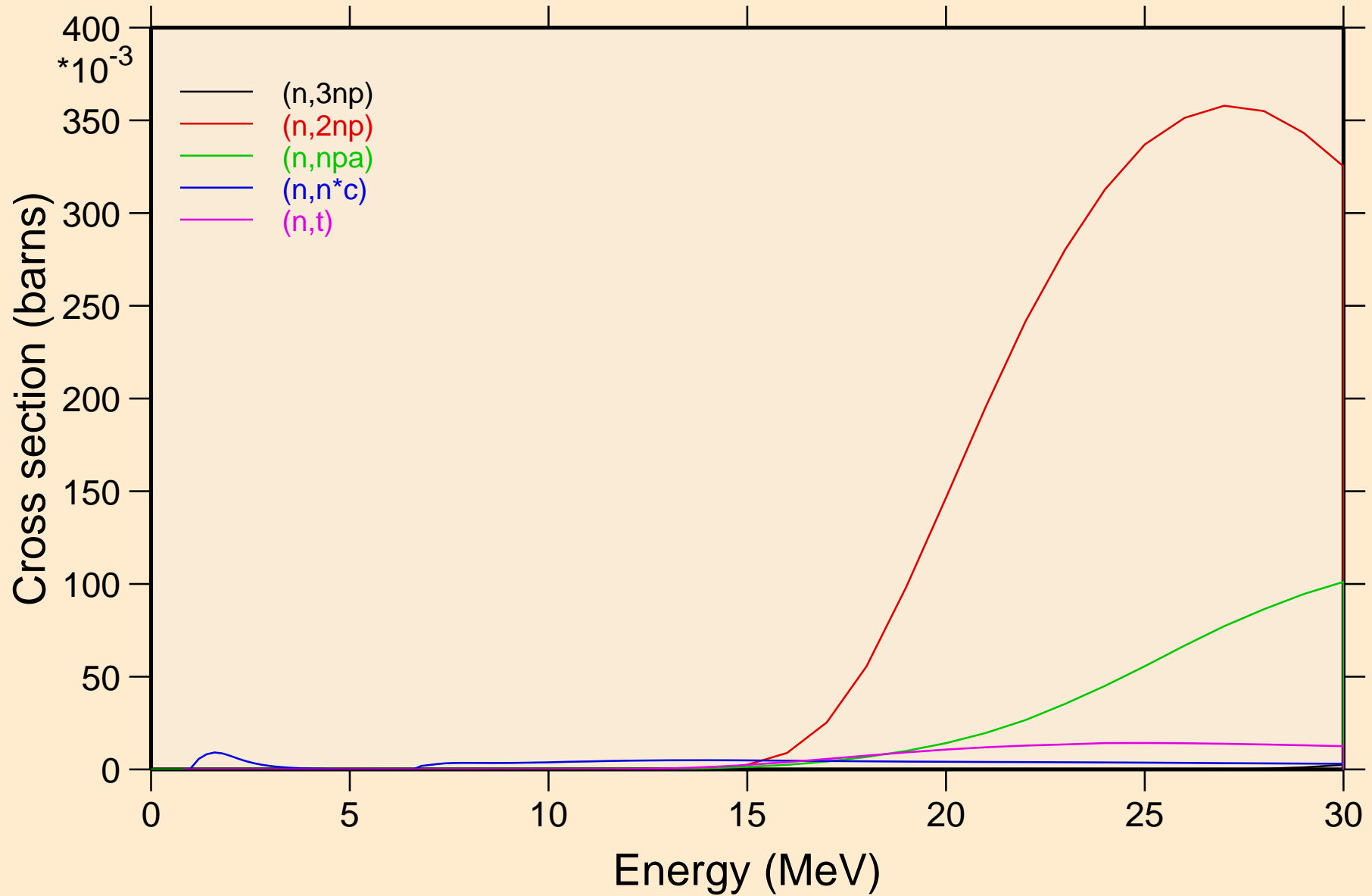
# TM152 NRG TENDL-2015, AKONING

## Threshold reactions



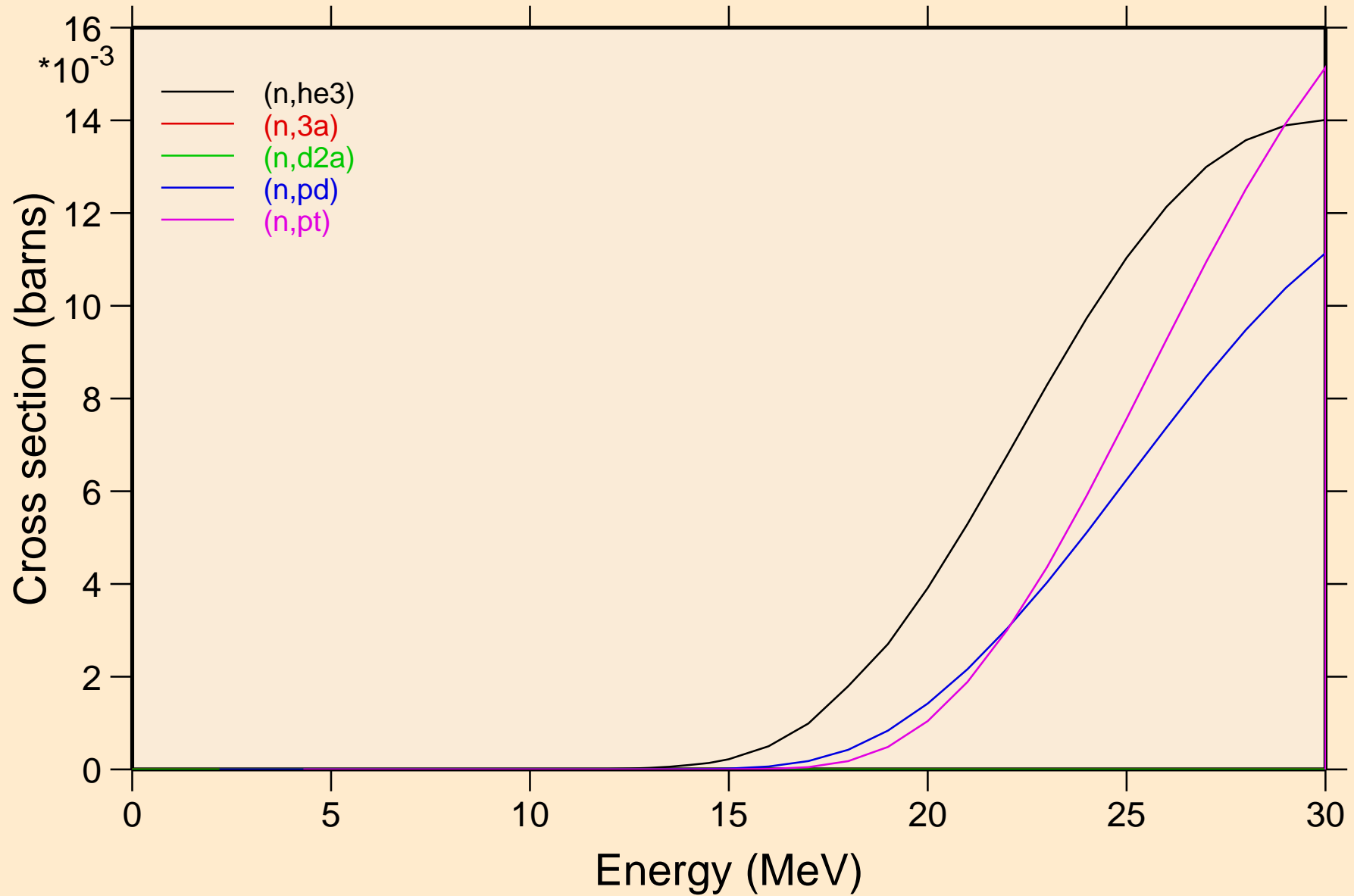
# TM152 NRG TENDL-2015, AKONING

## Threshold reactions



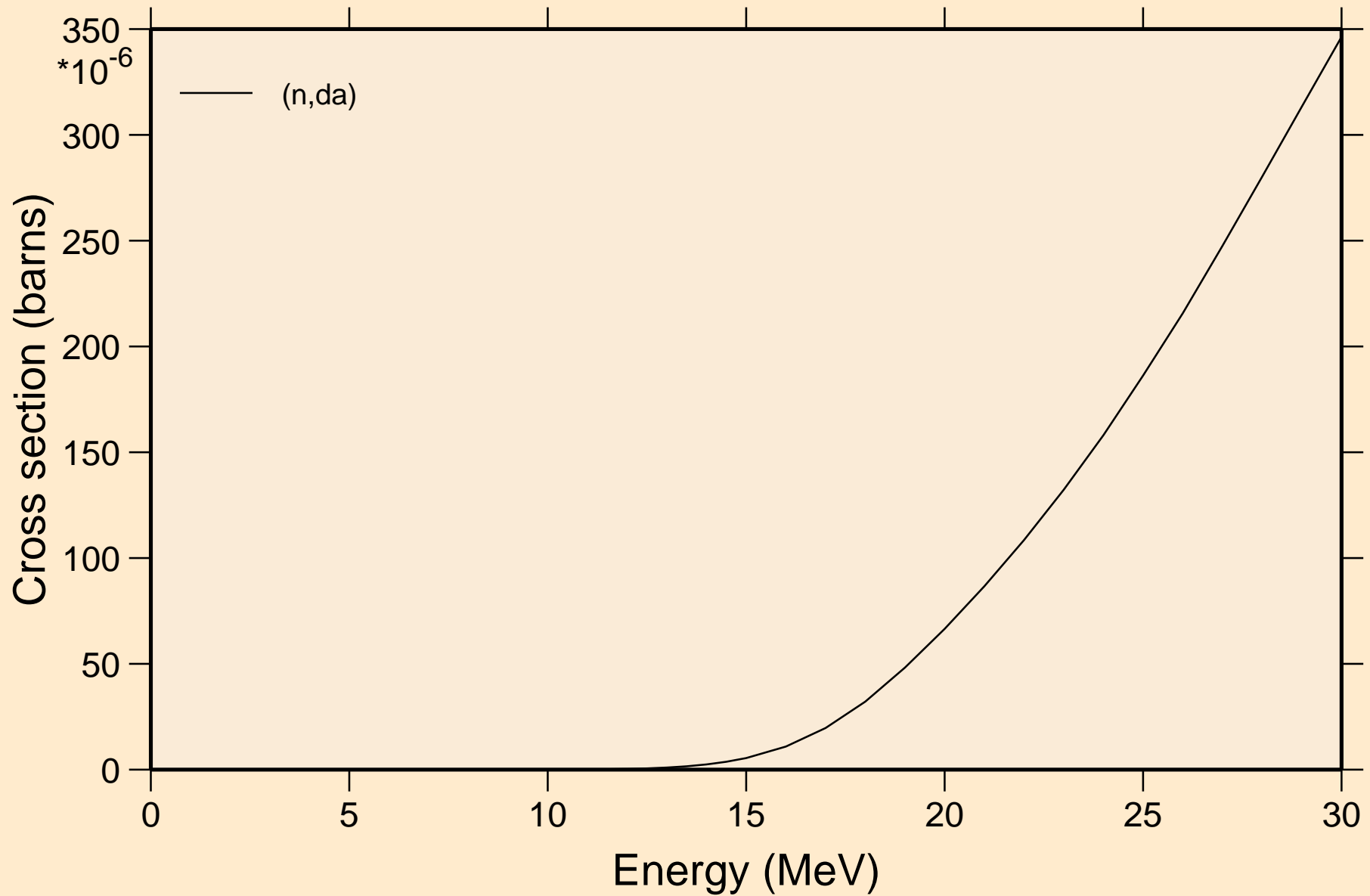
# TM152 NRG TENDL-2015, AKONING

## Threshold reactions

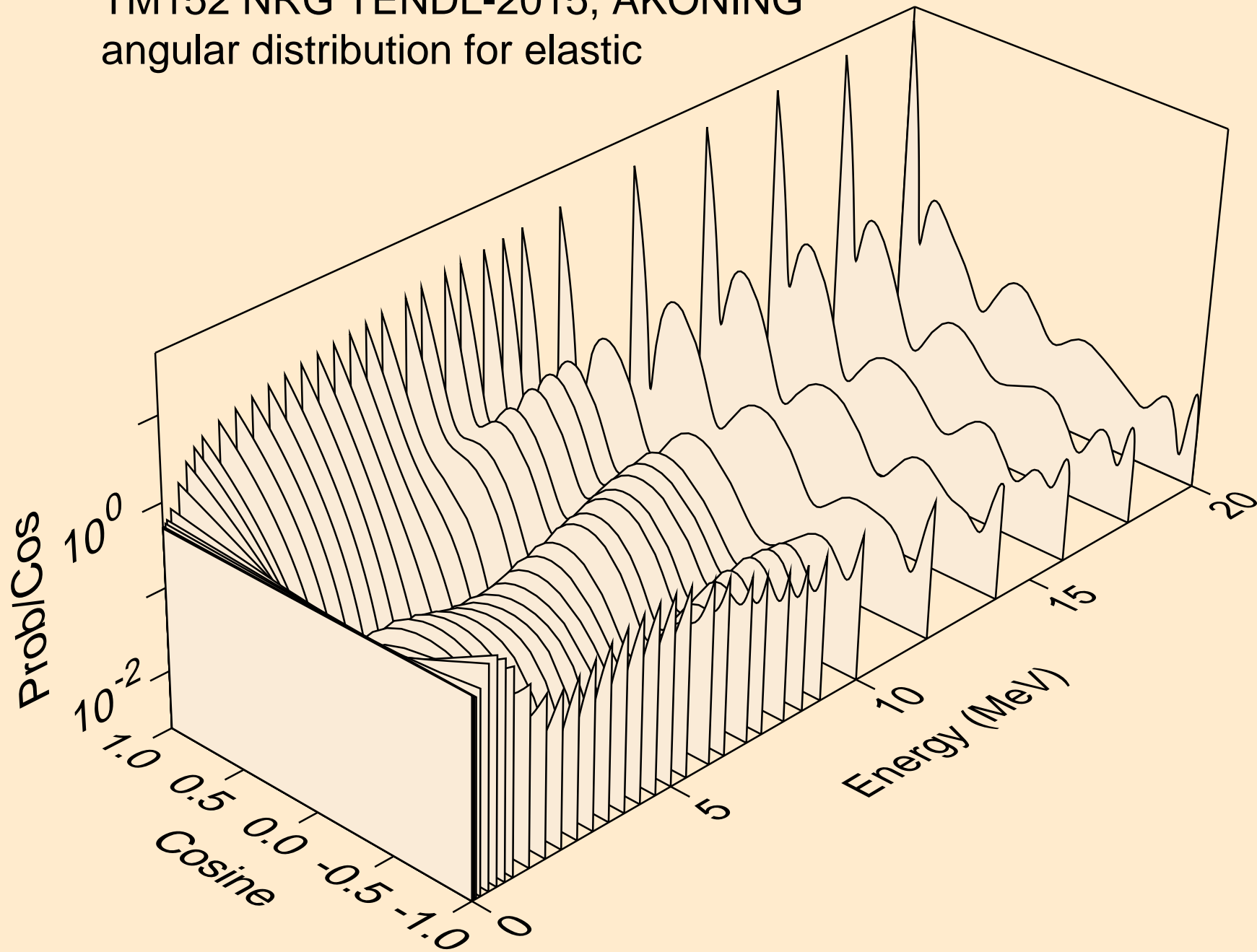


# TM152 NRG TENDL-2015, AKONING

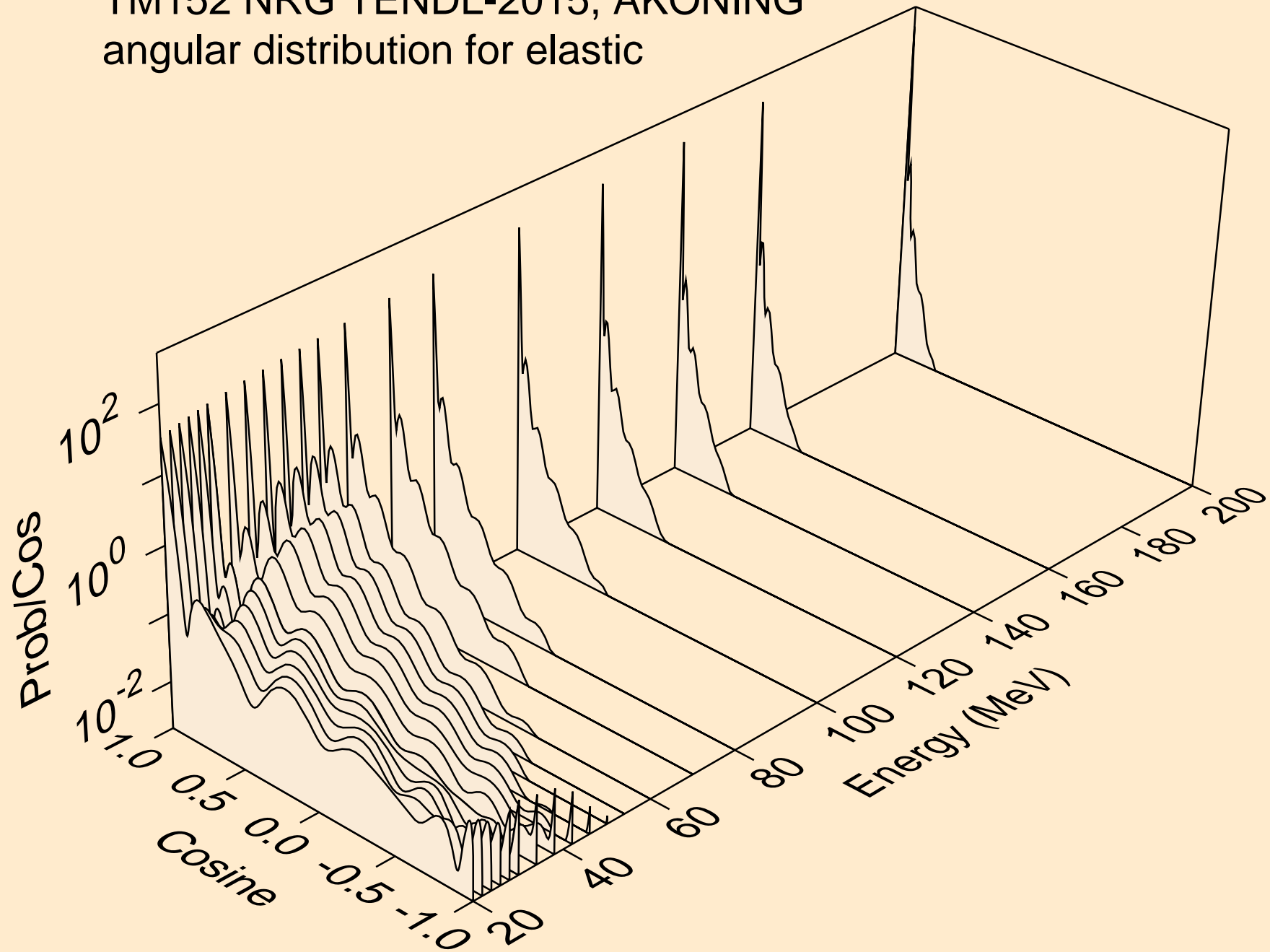
## Threshold reactions



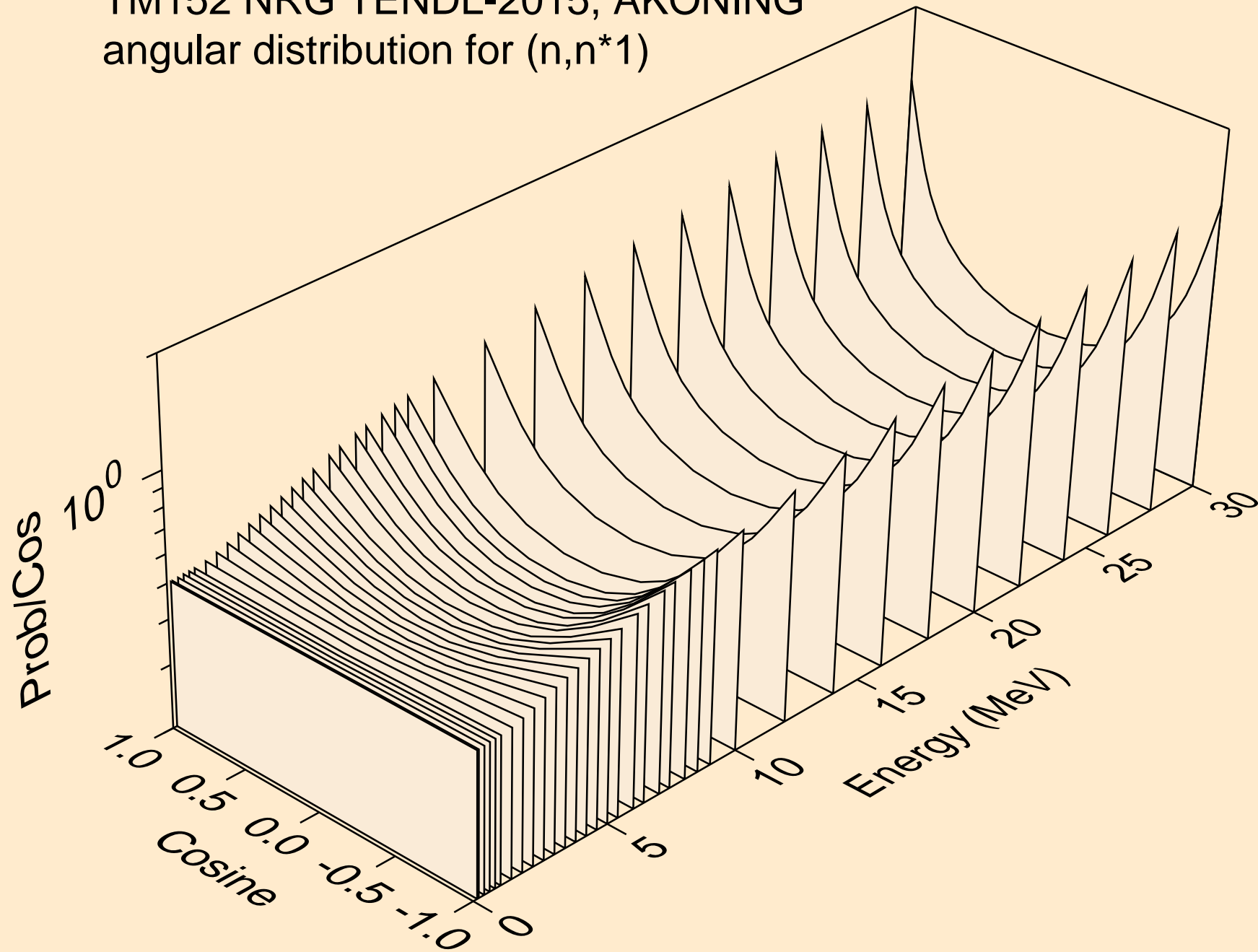
TM152 NRG TENDL-2015, AKONING  
angular distribution for elastic



TM152 NRG TENDL-2015, AKONING  
angular distribution for elastic

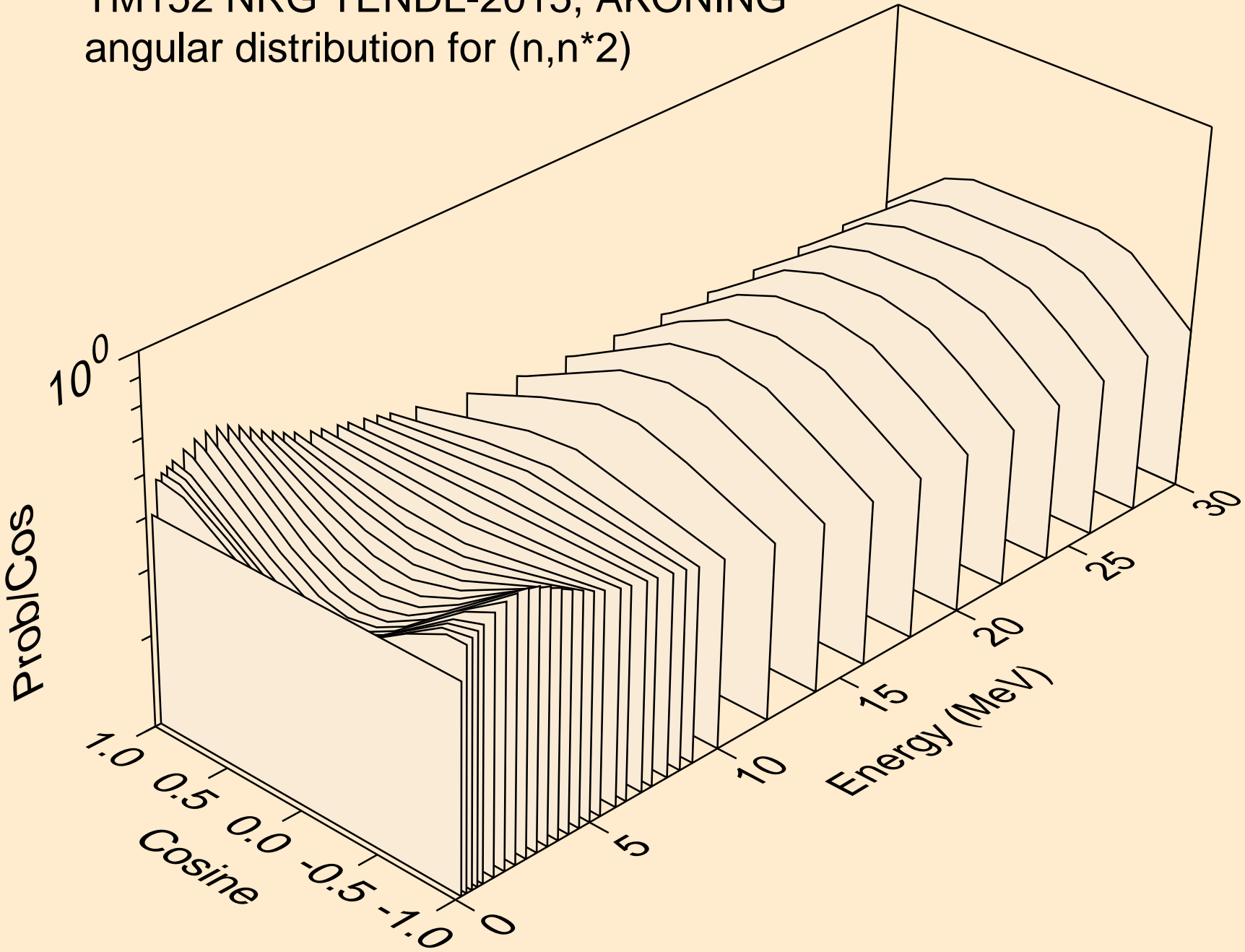


TM152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

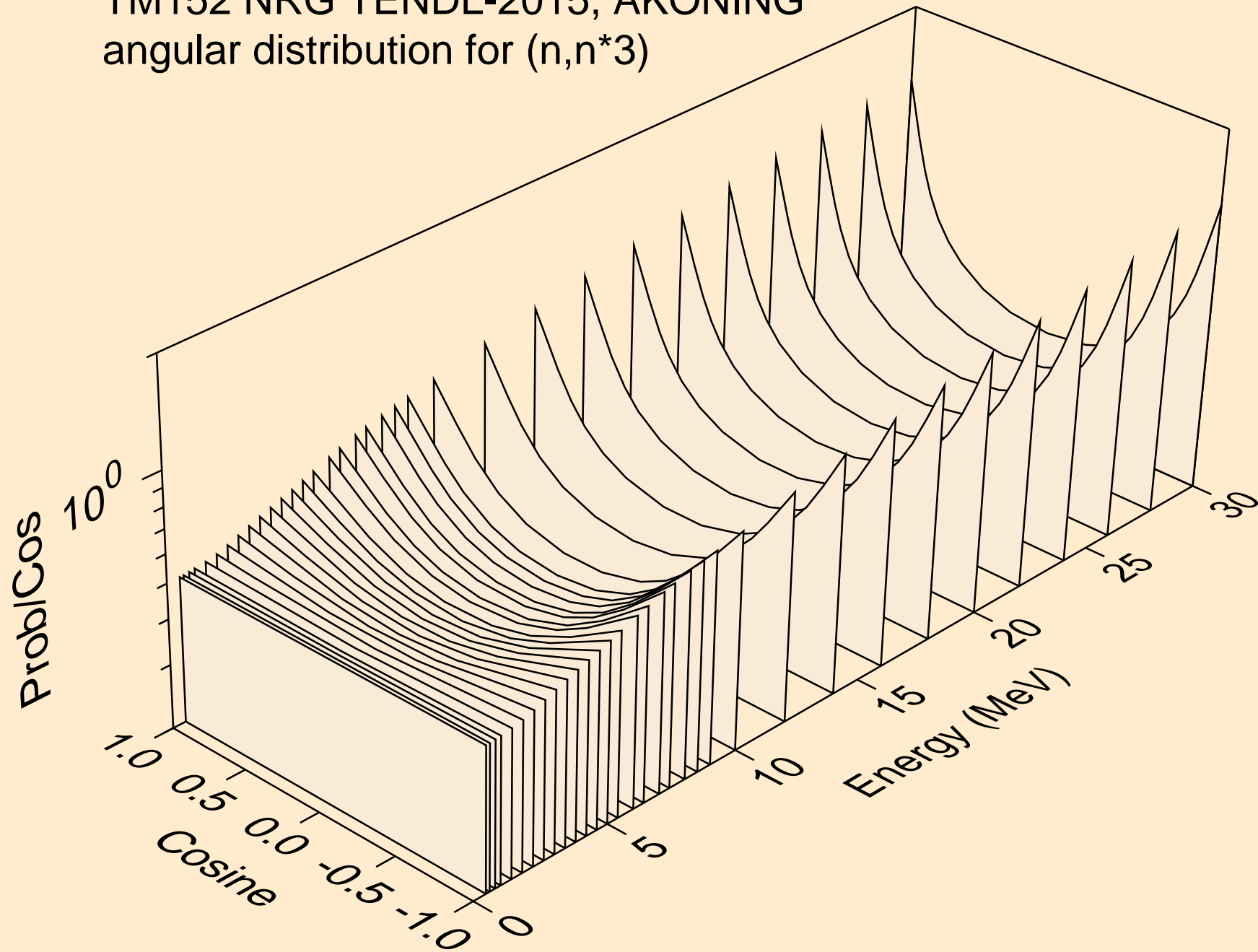




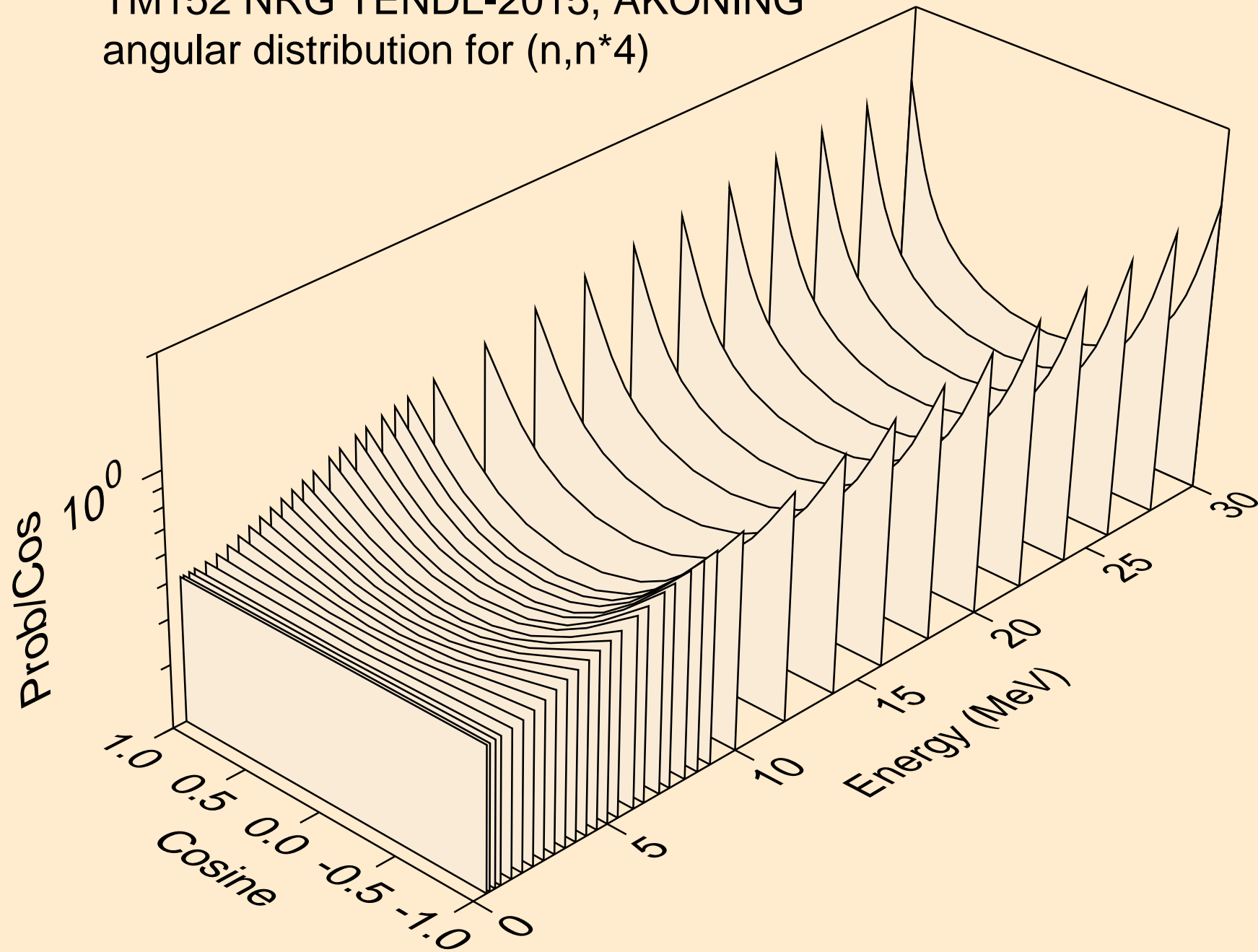
TM152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



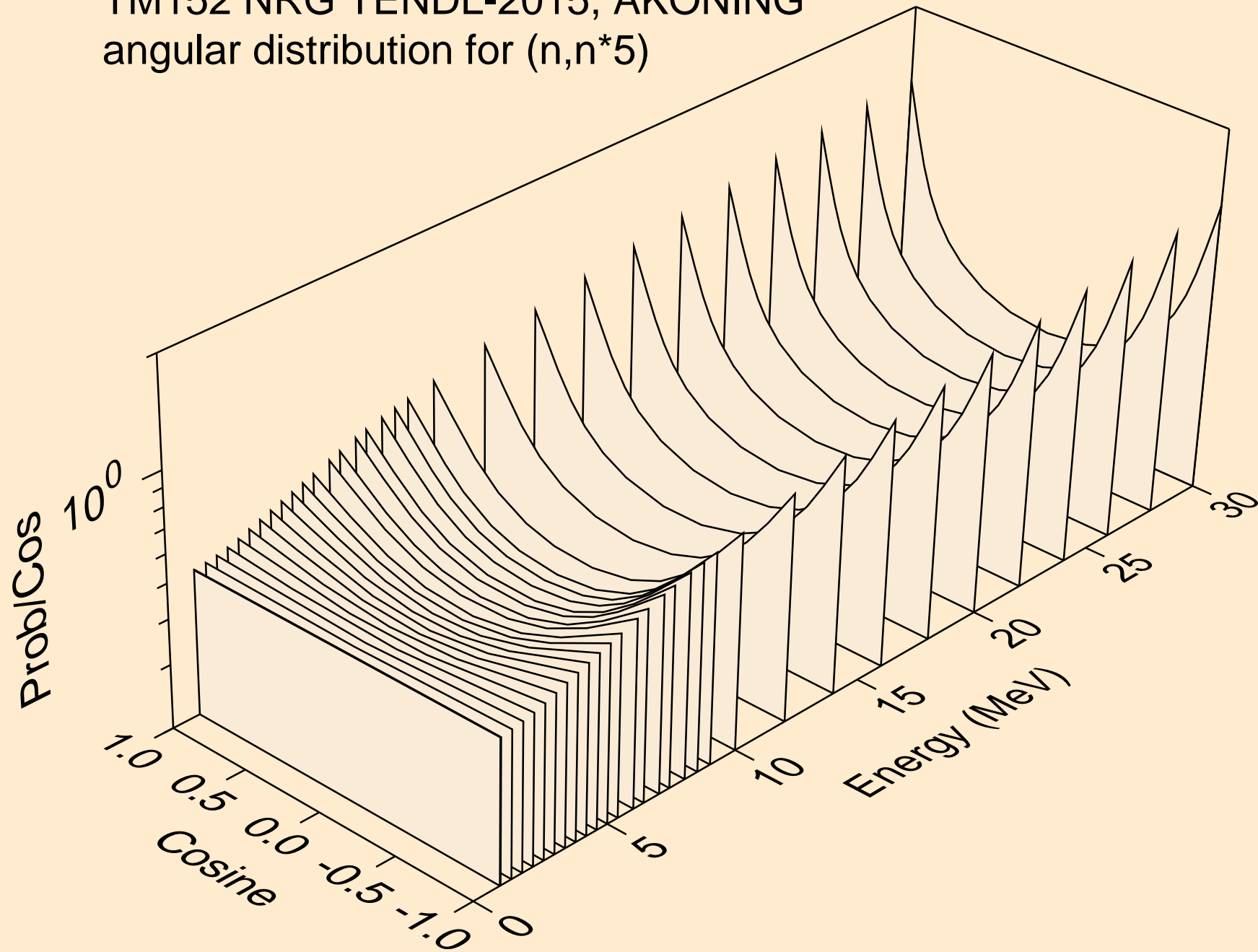
TM152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



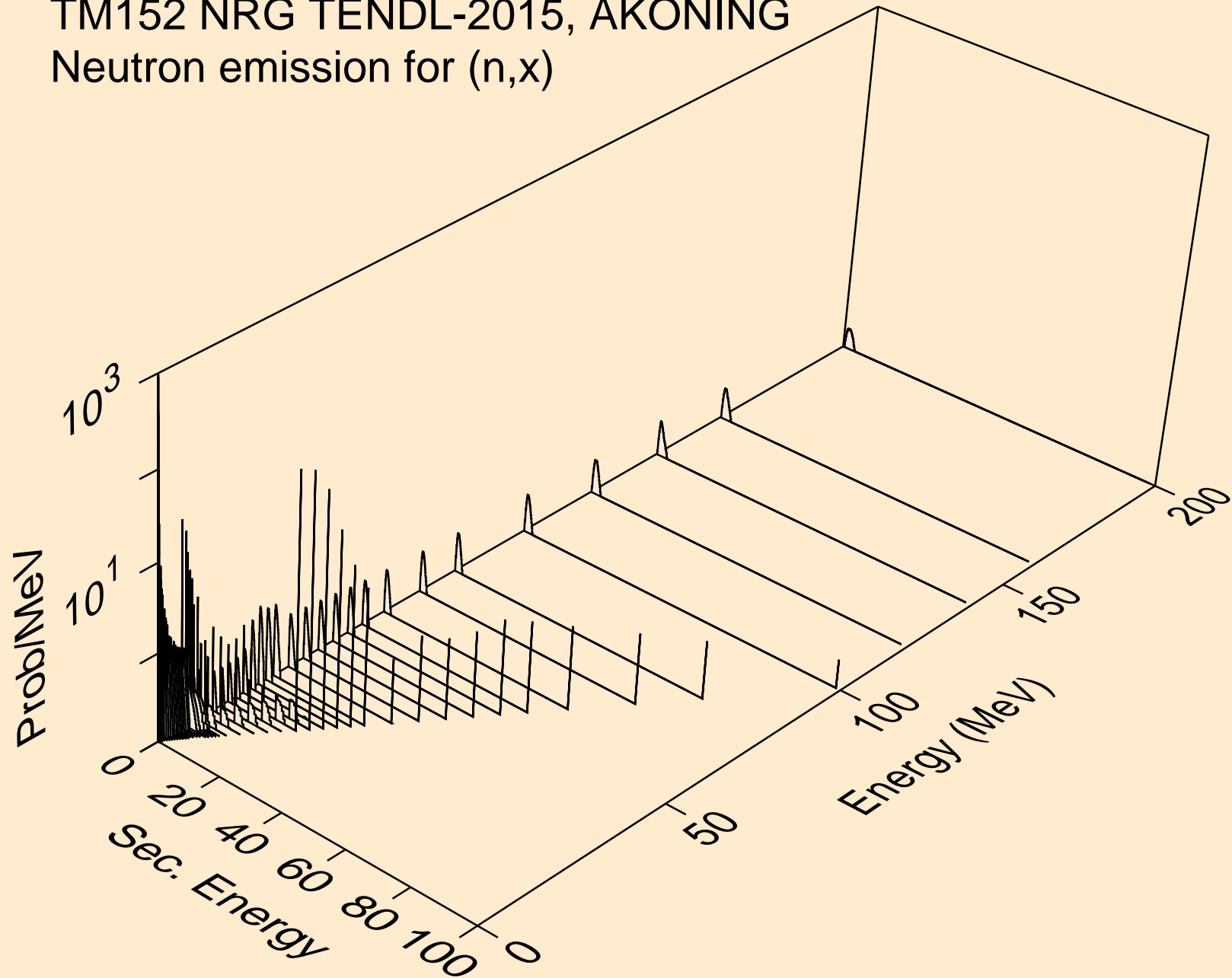
TM152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



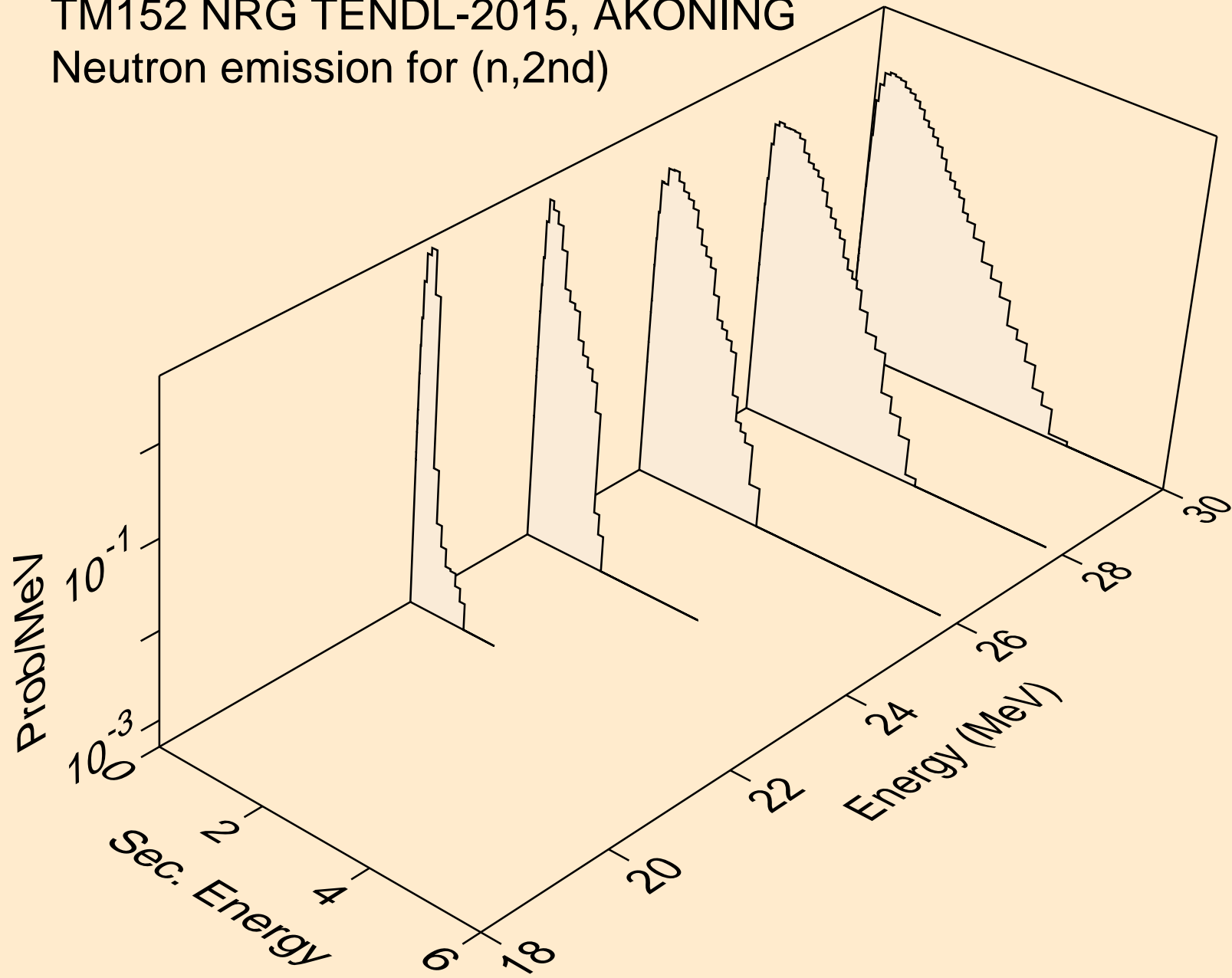
TM152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



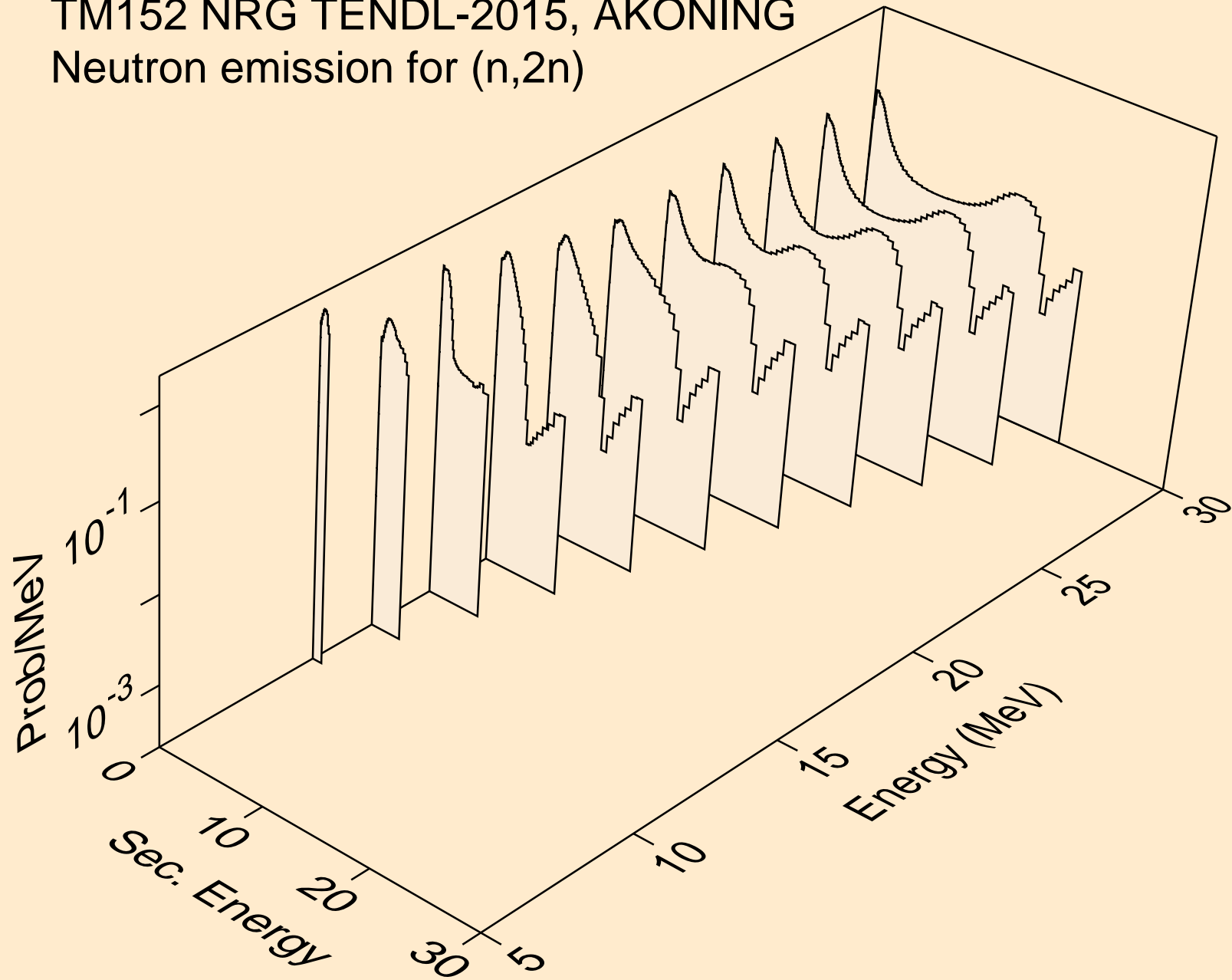
TM152 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



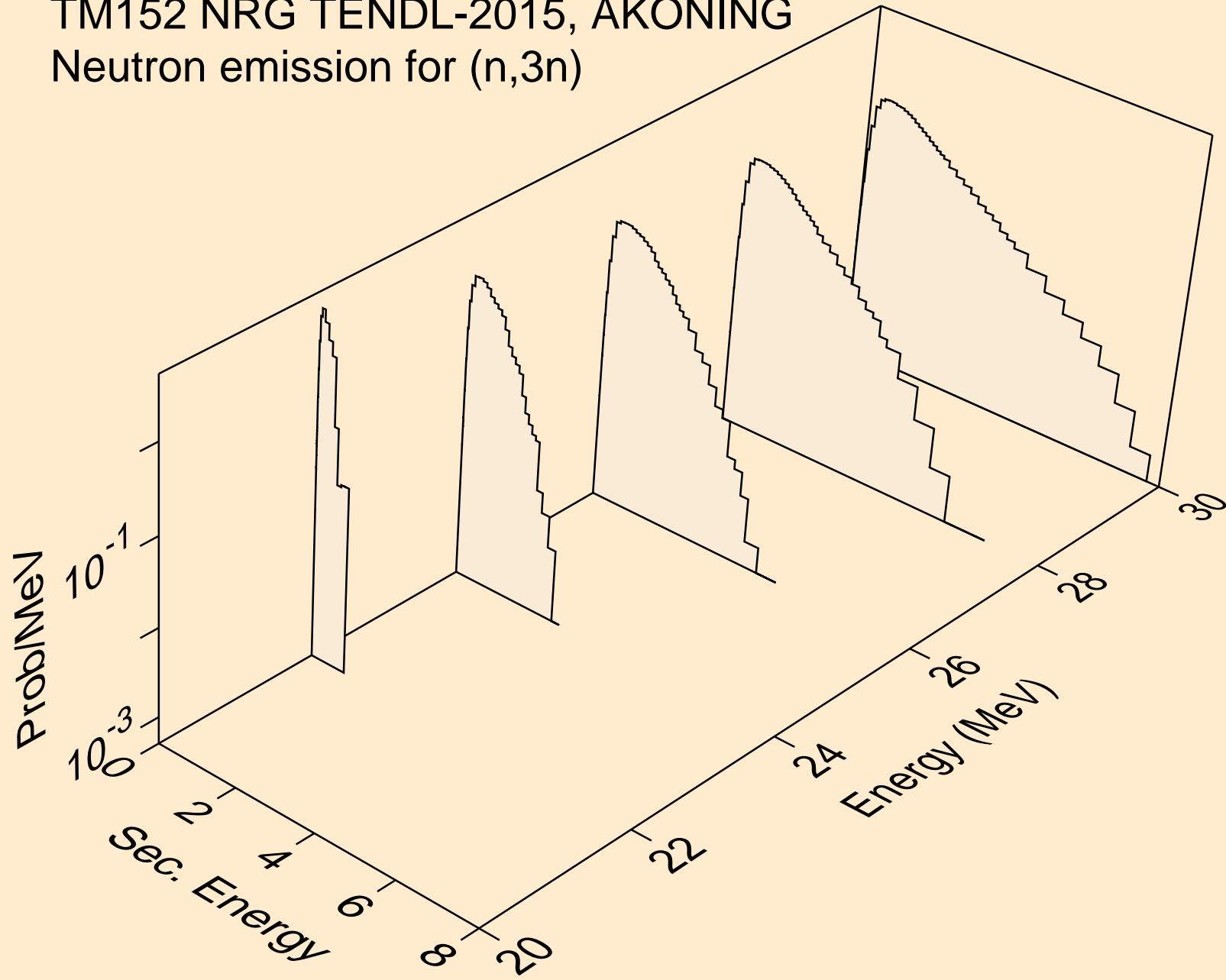
TM152 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



TM152 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

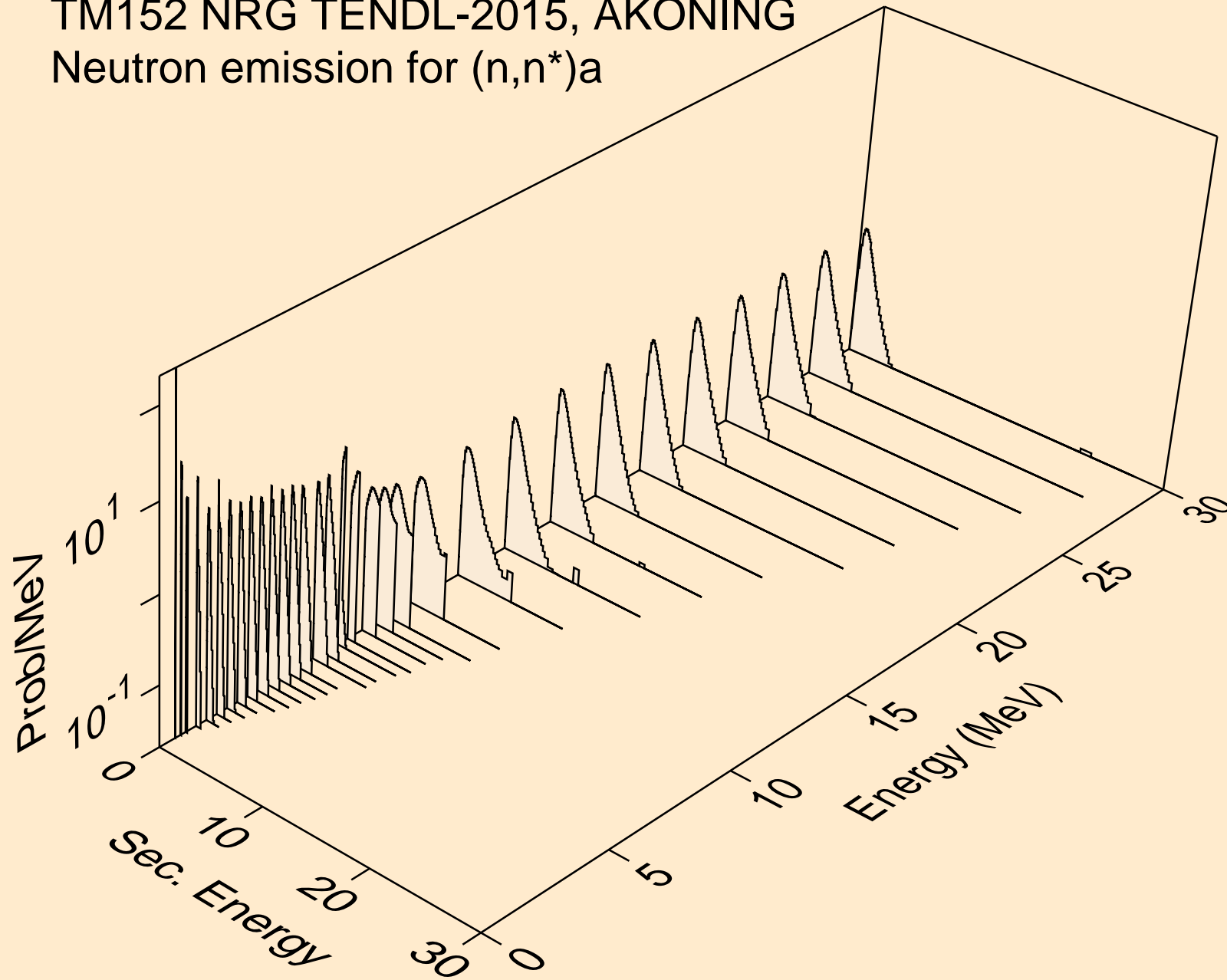


TM152 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)

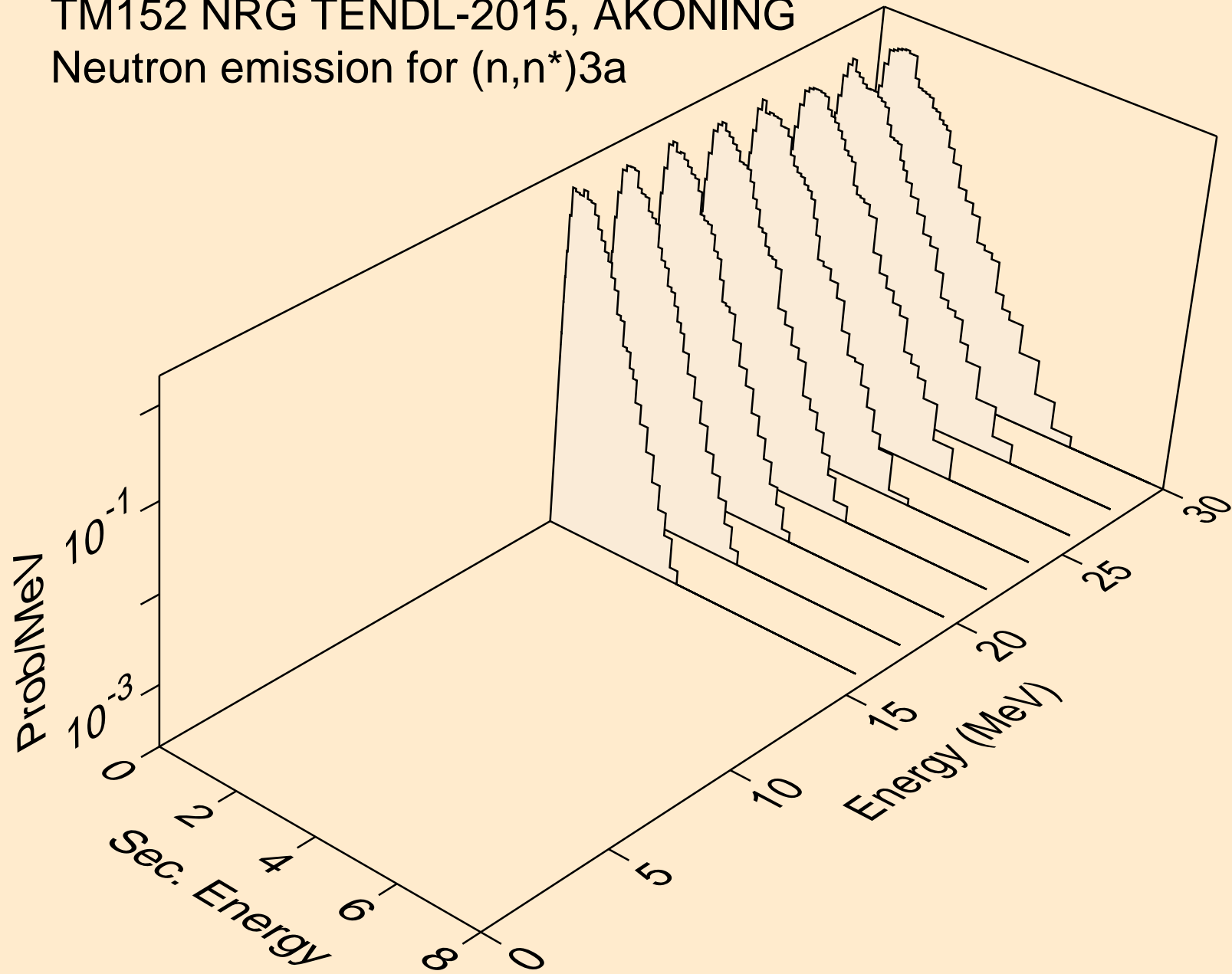




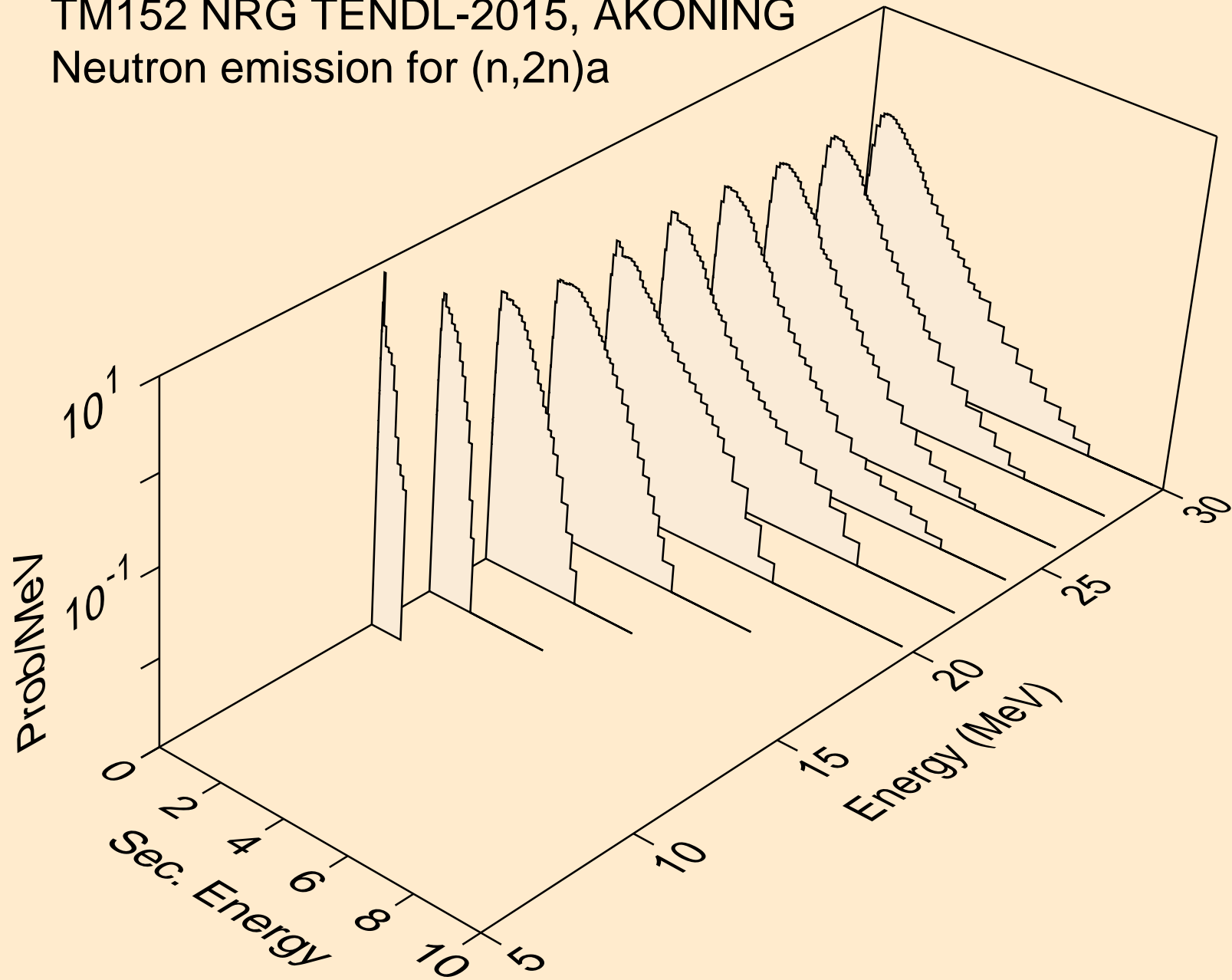
TM152 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



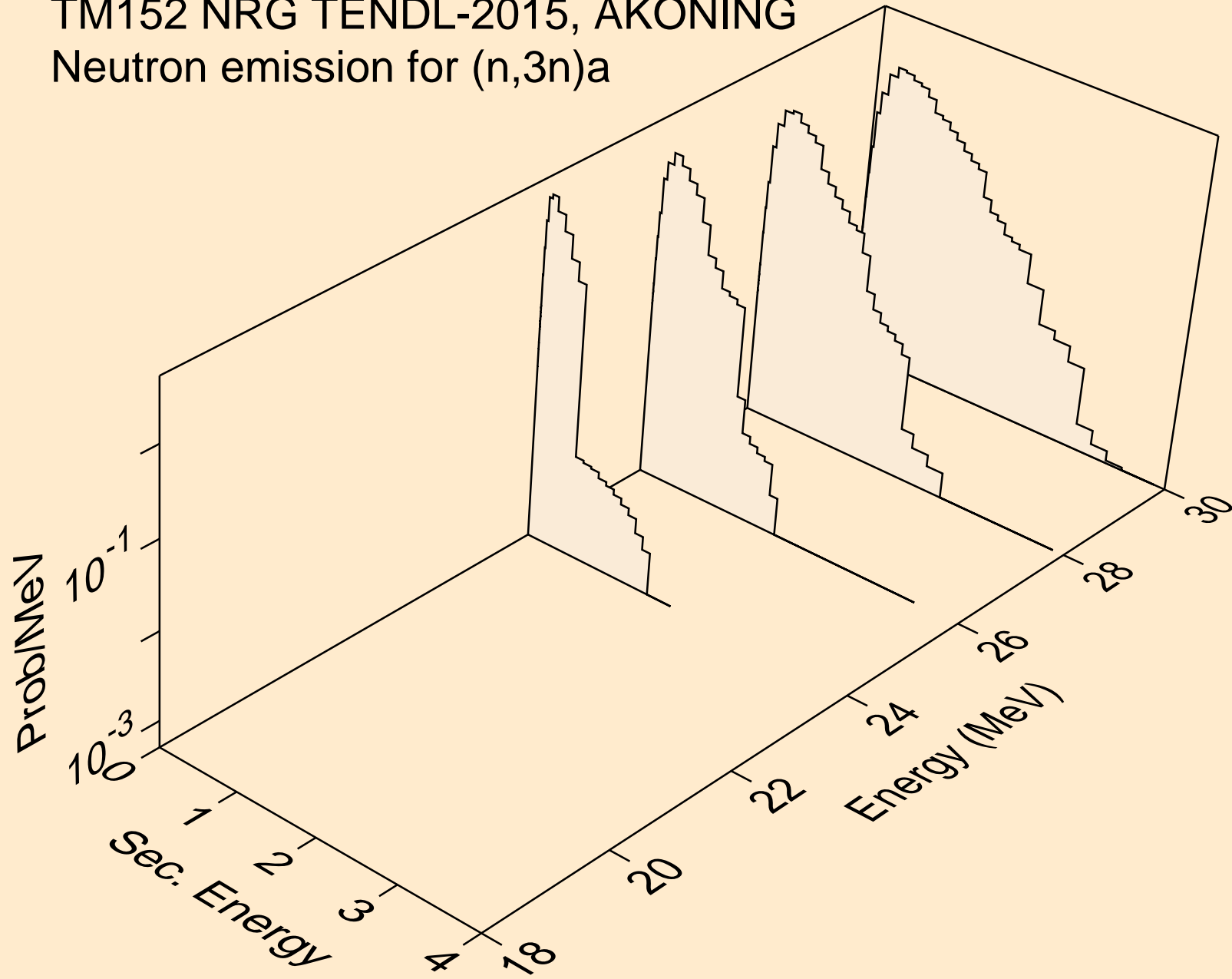
TM152 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a



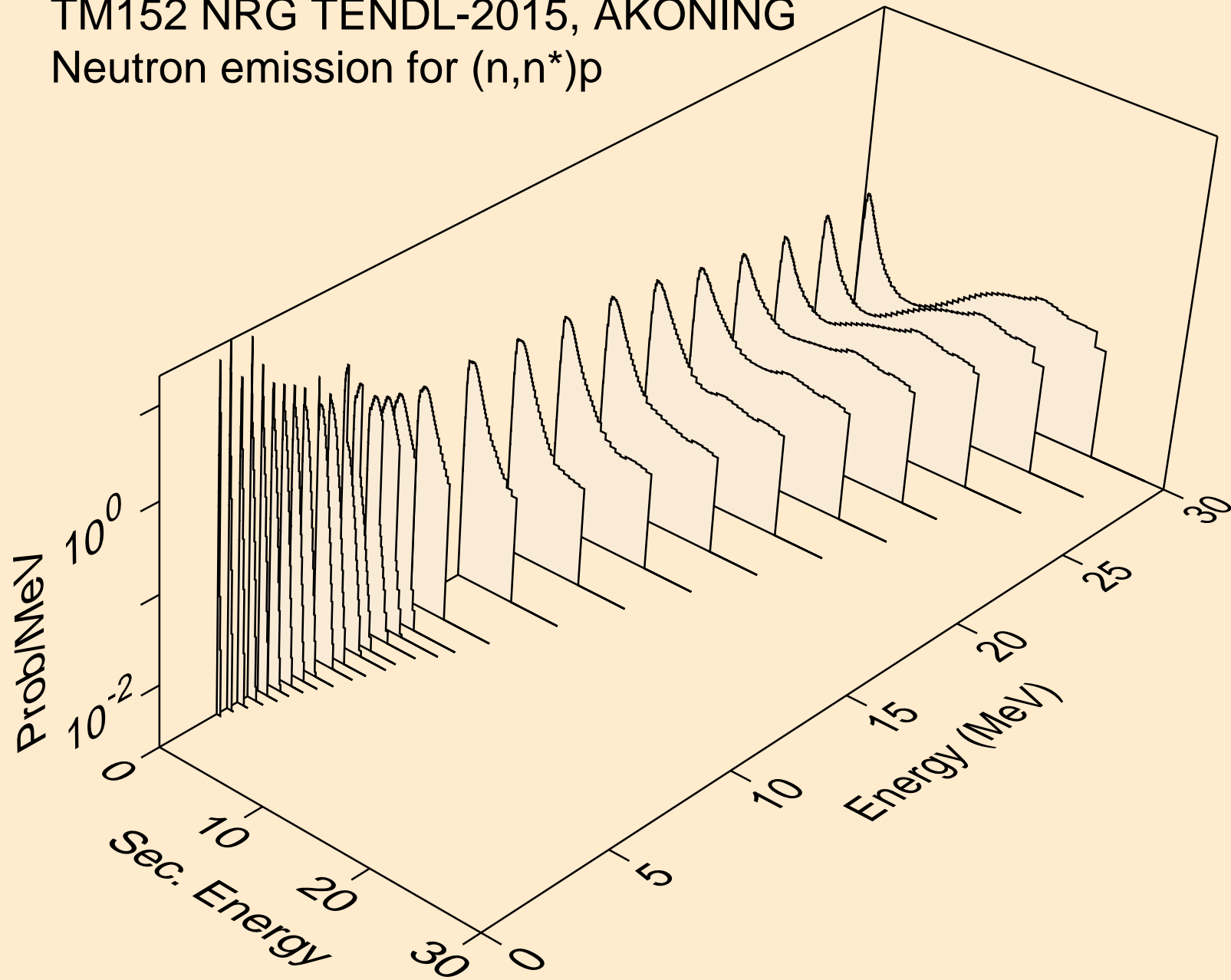
TM152 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



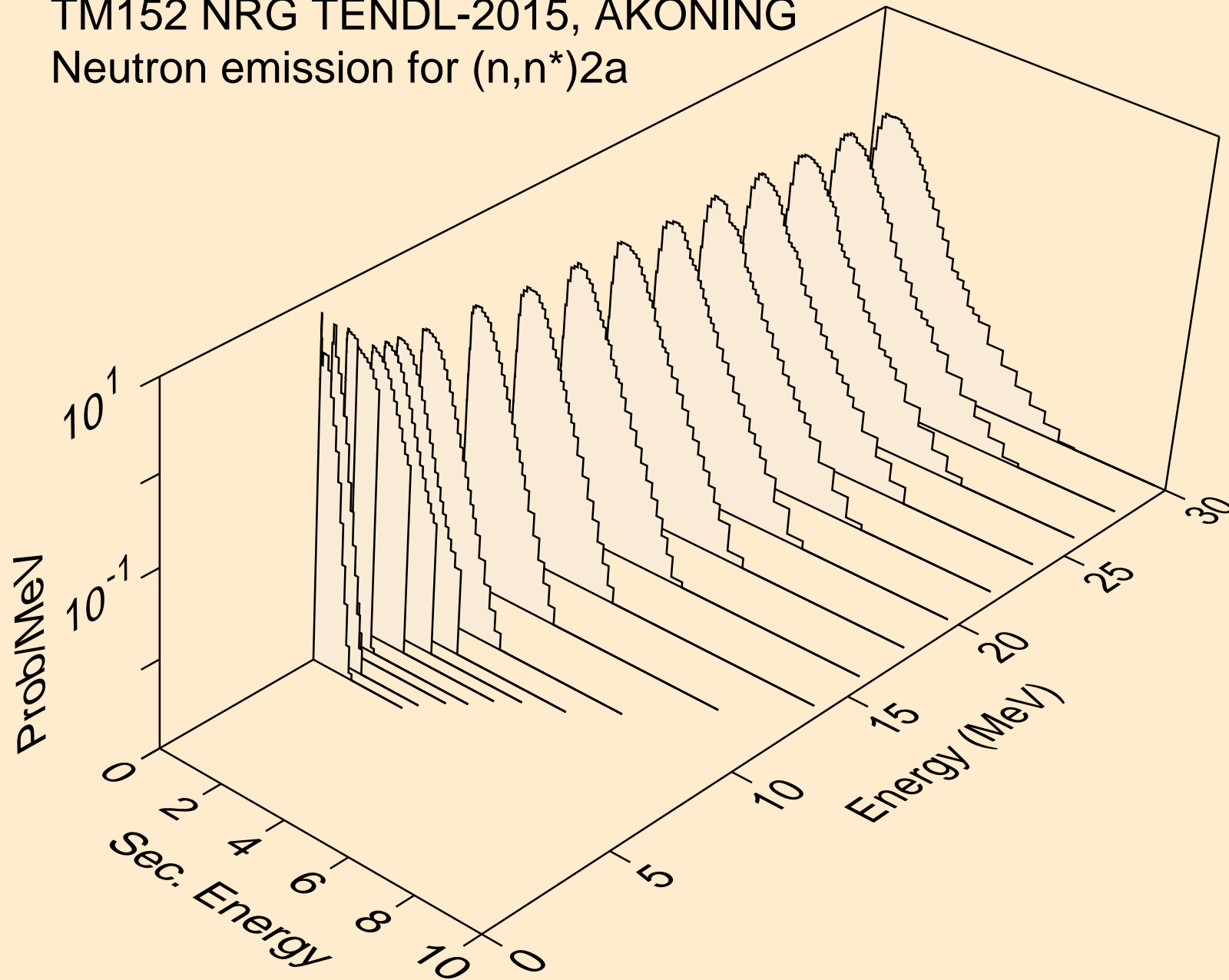
TM152 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



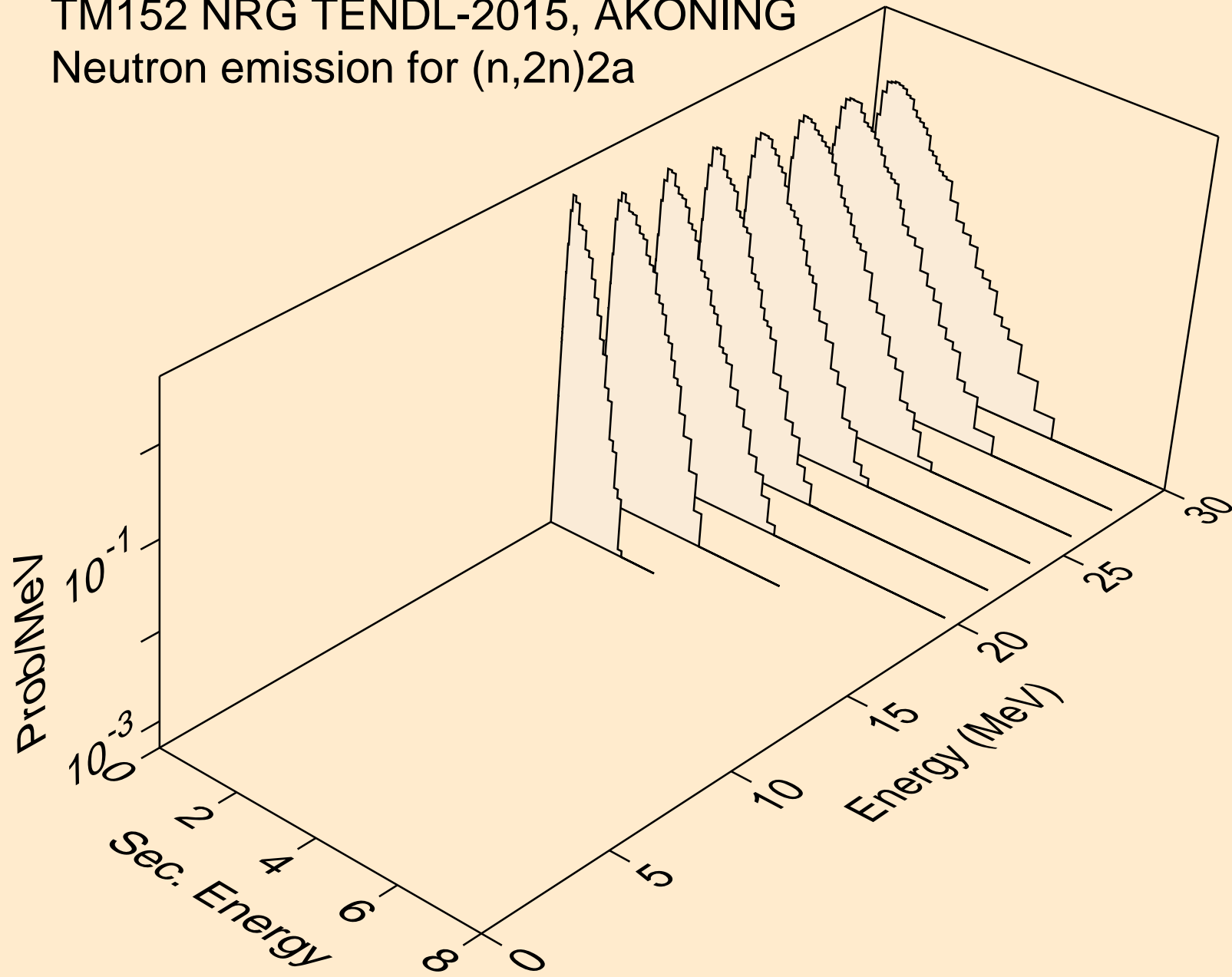
TM152 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



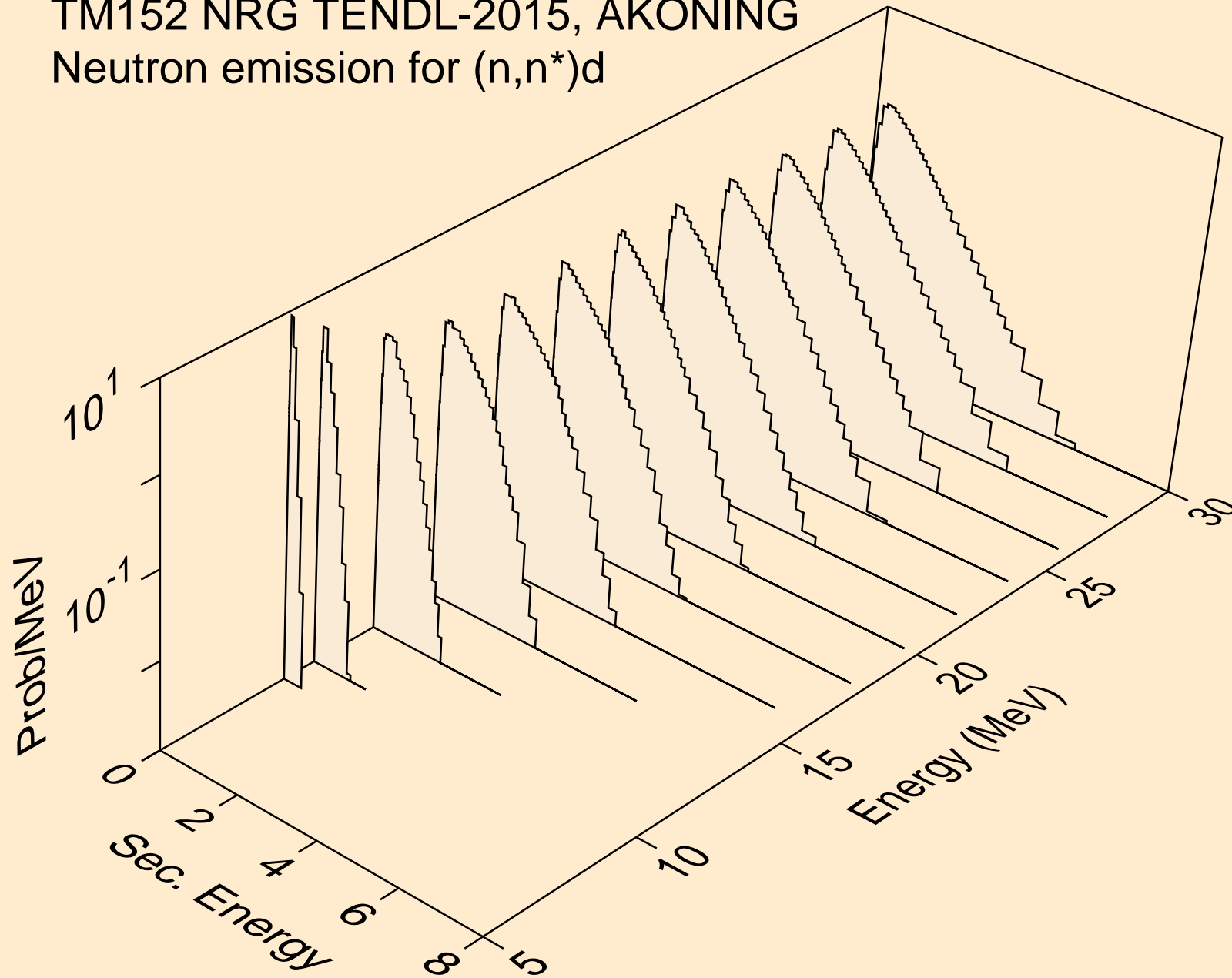
TM152 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



TM152 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a

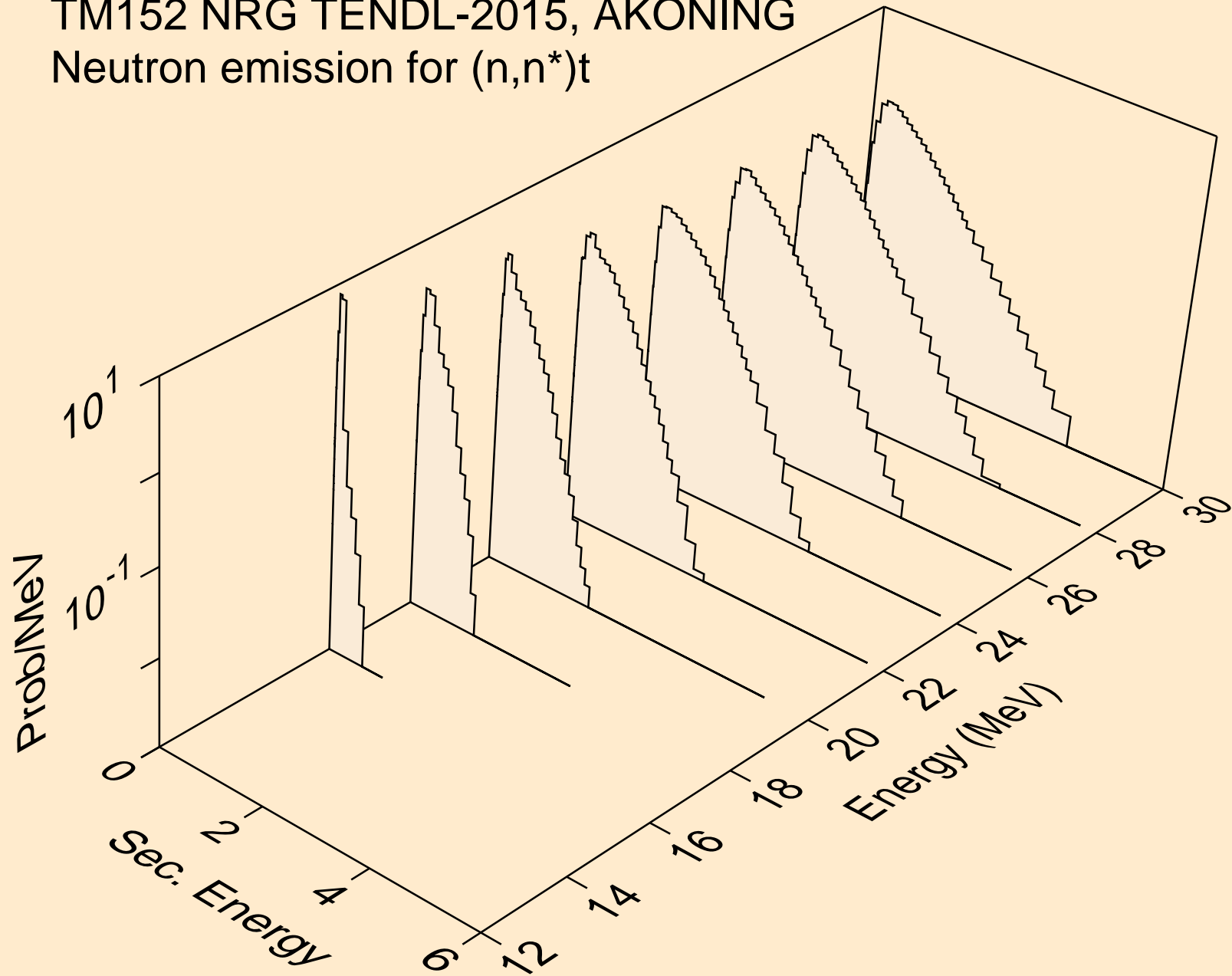


TM152 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

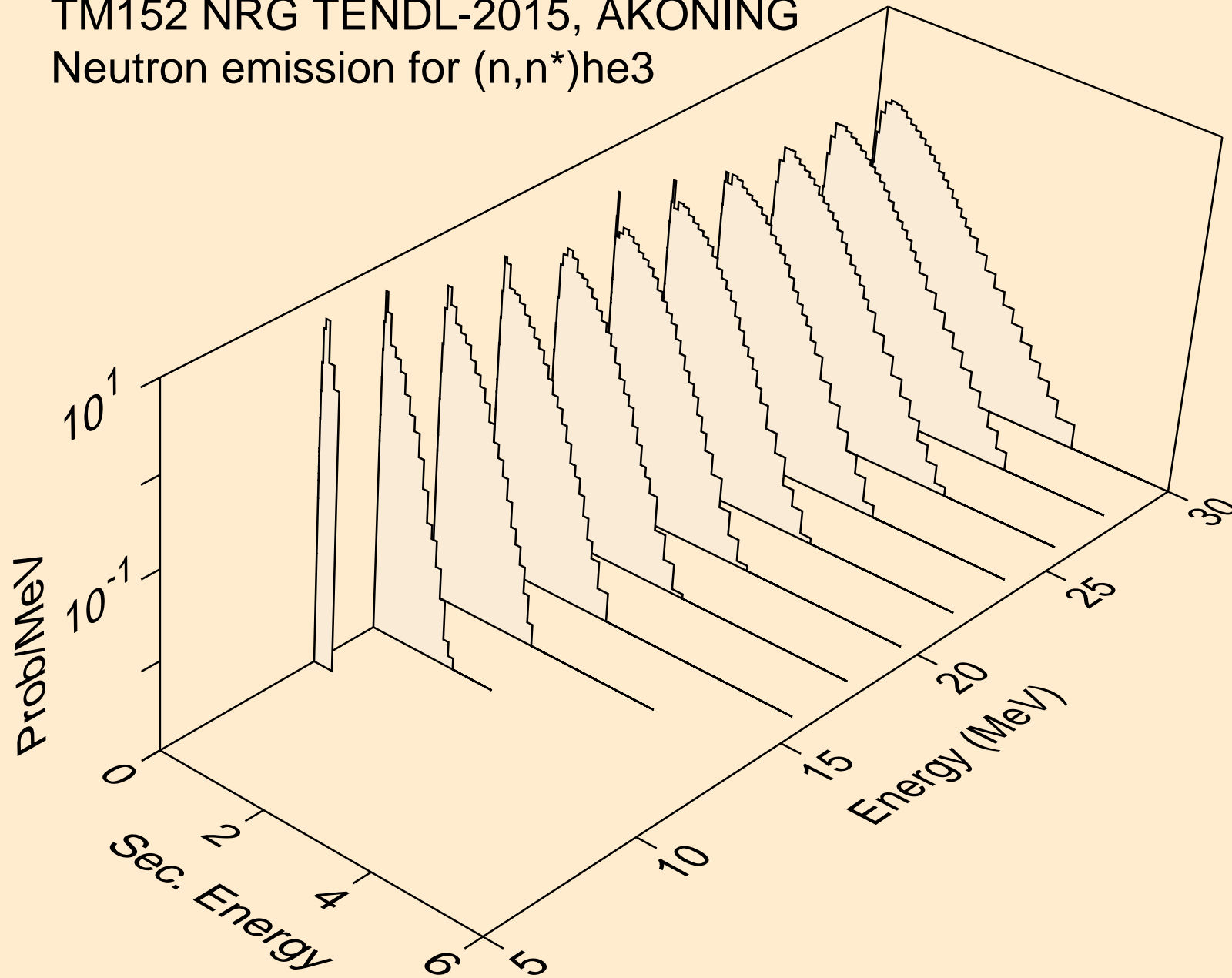




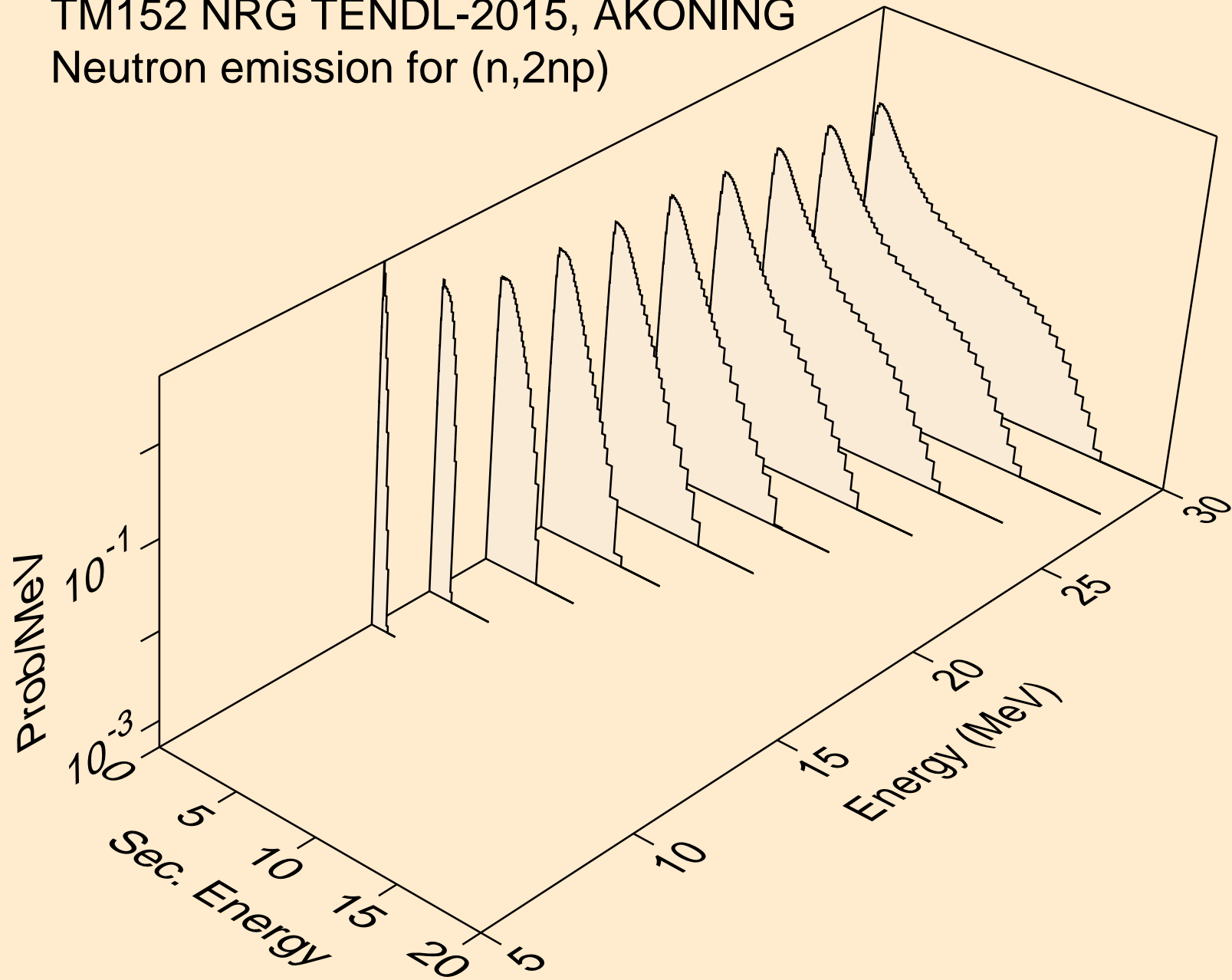
TM152 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



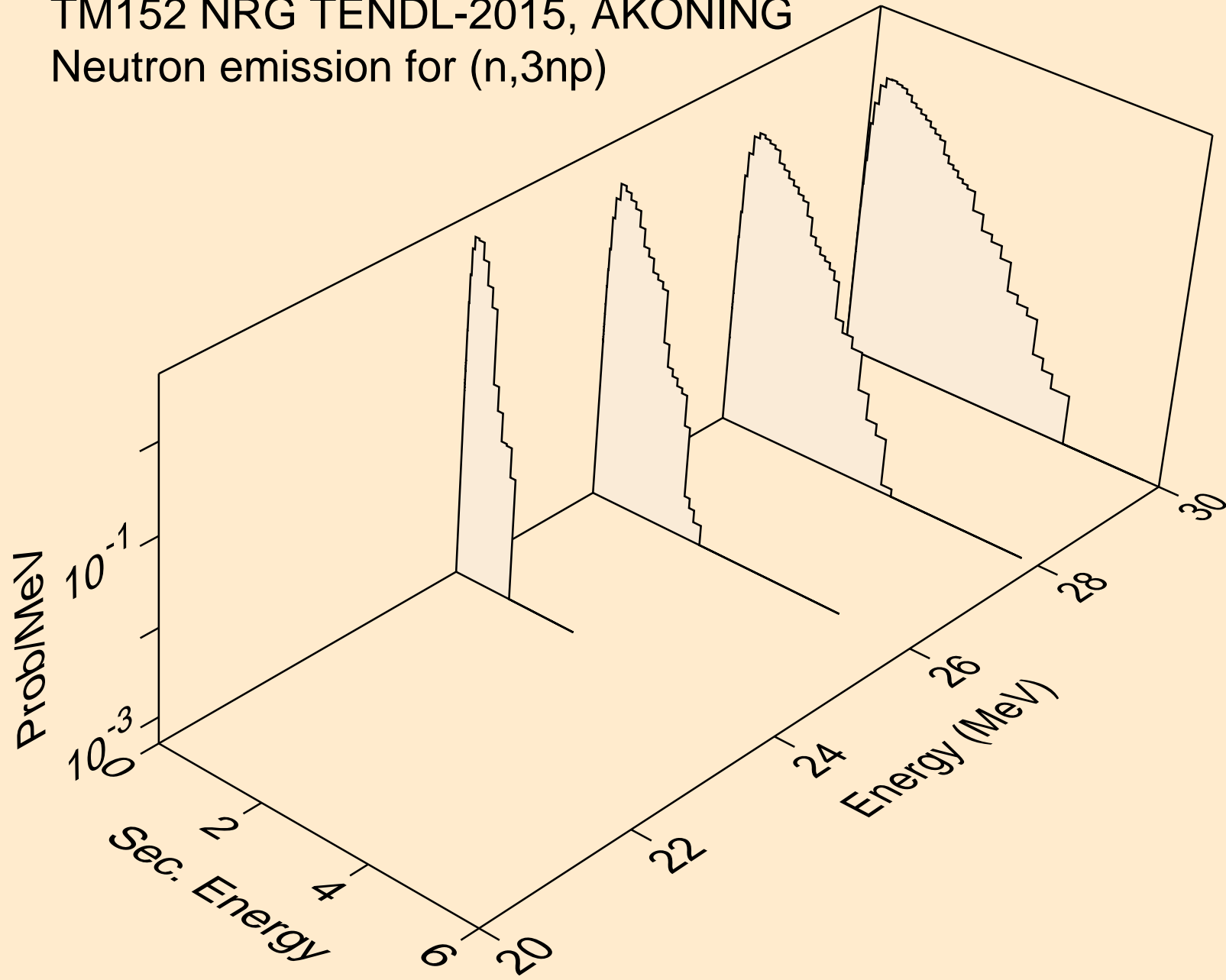
TM152 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



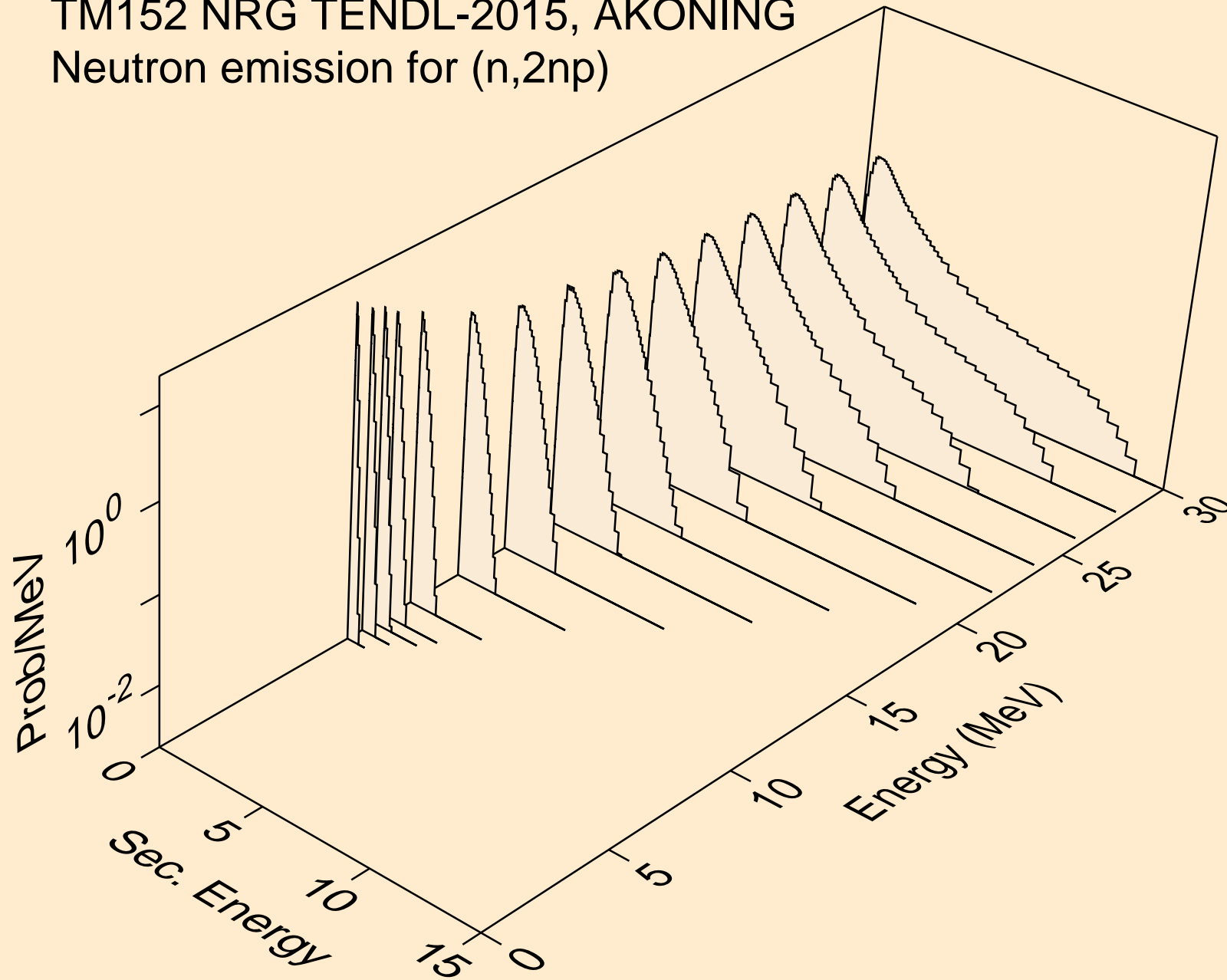
TM152 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



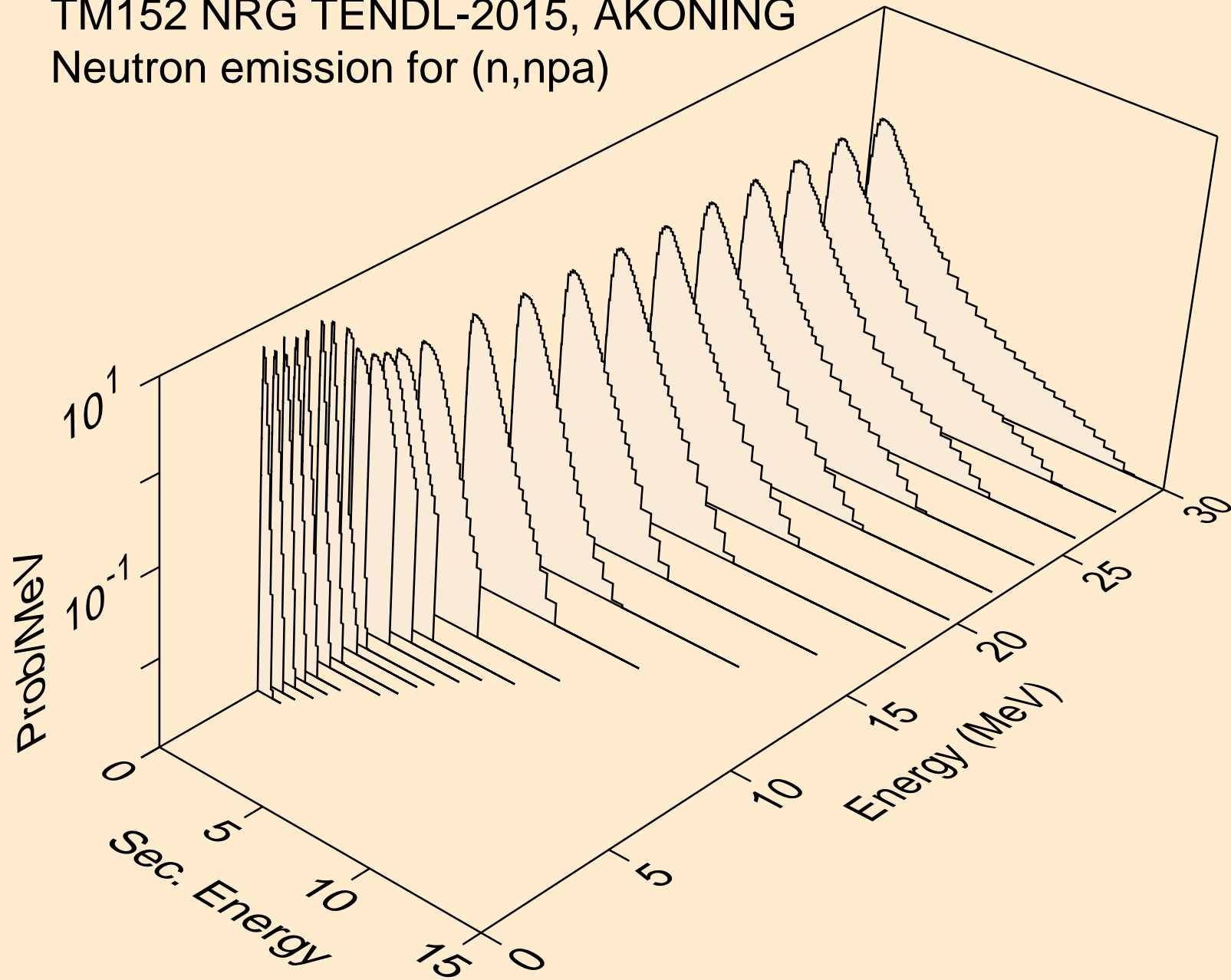
TM152 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



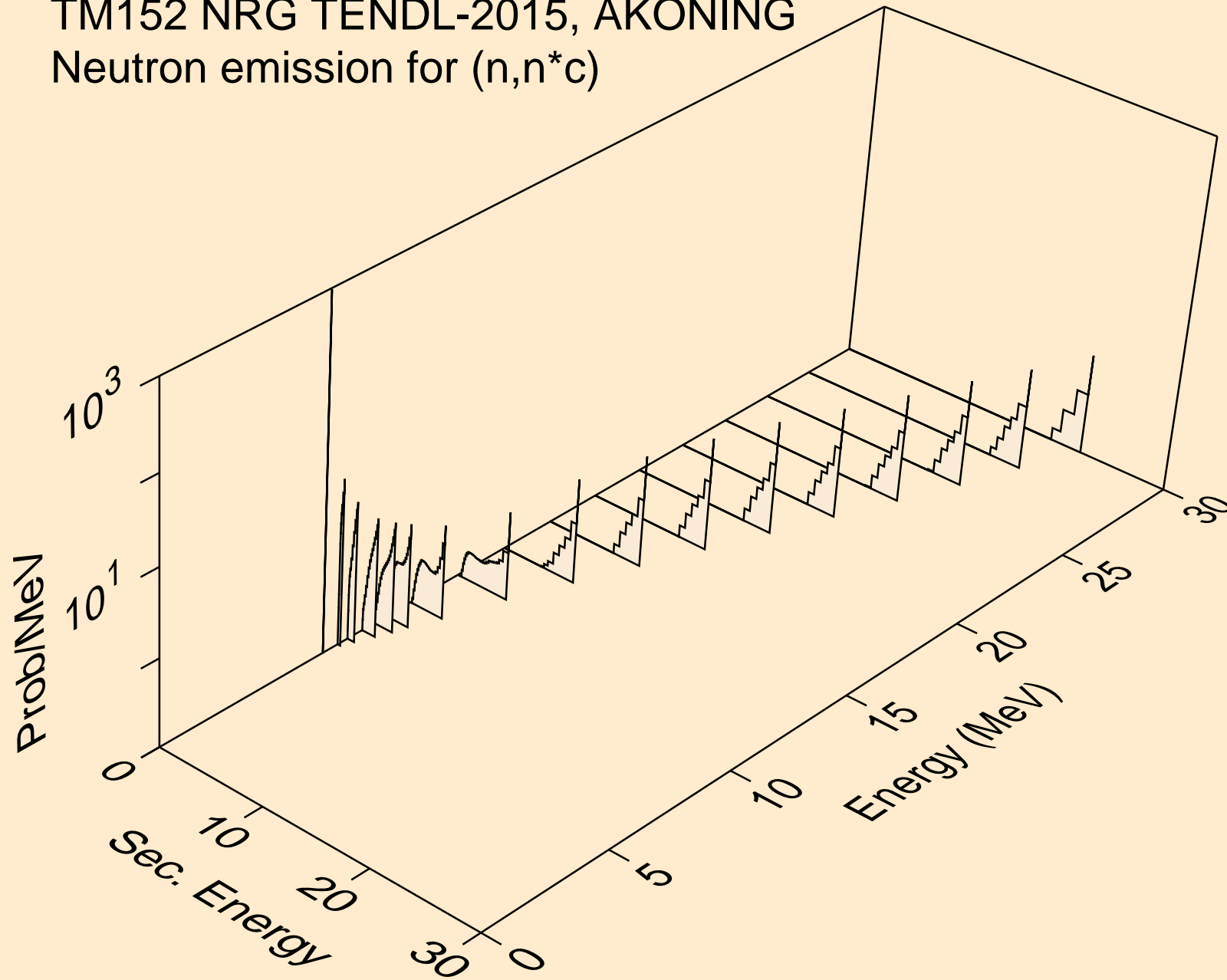
TM152 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



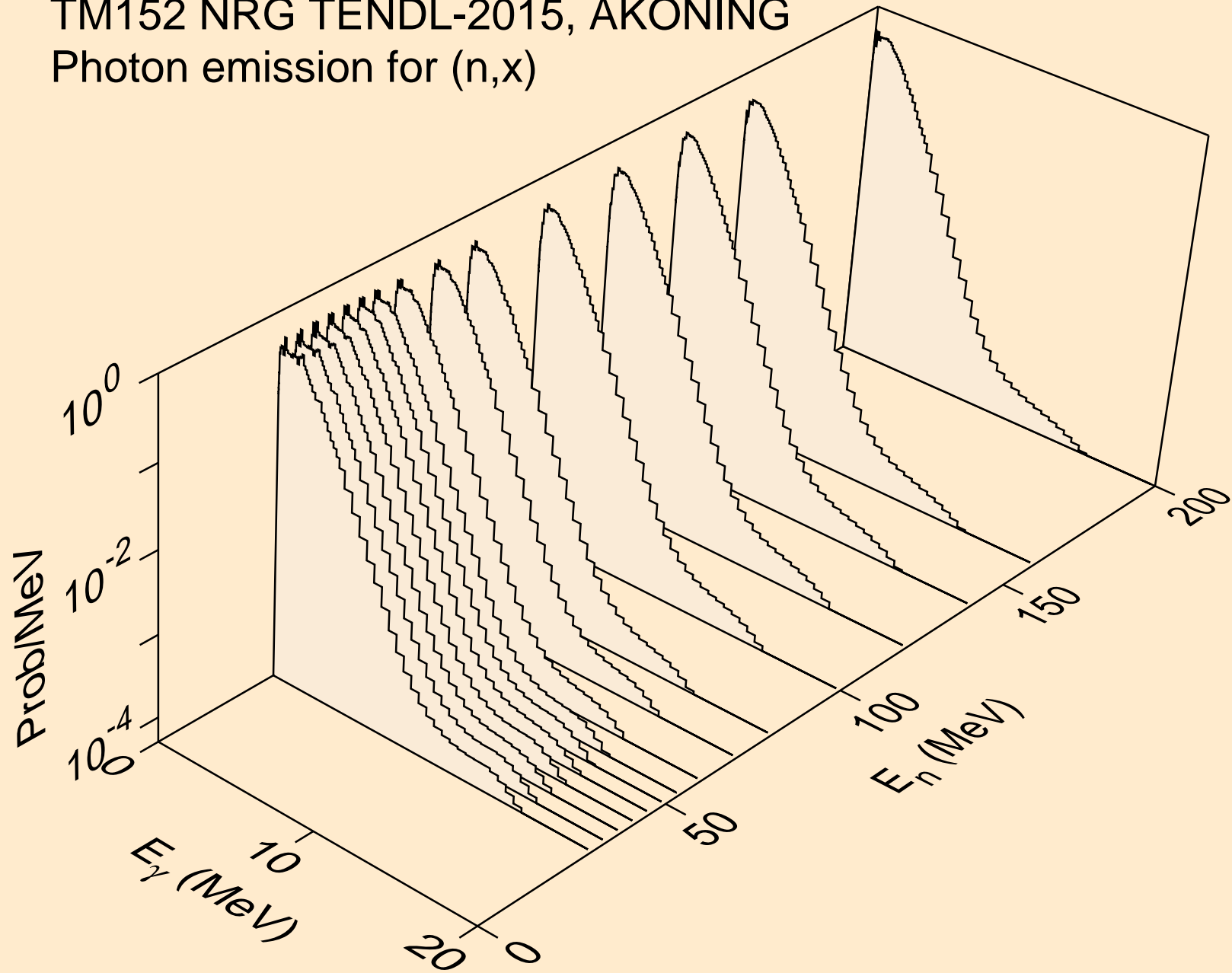
TM152 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



TM152 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

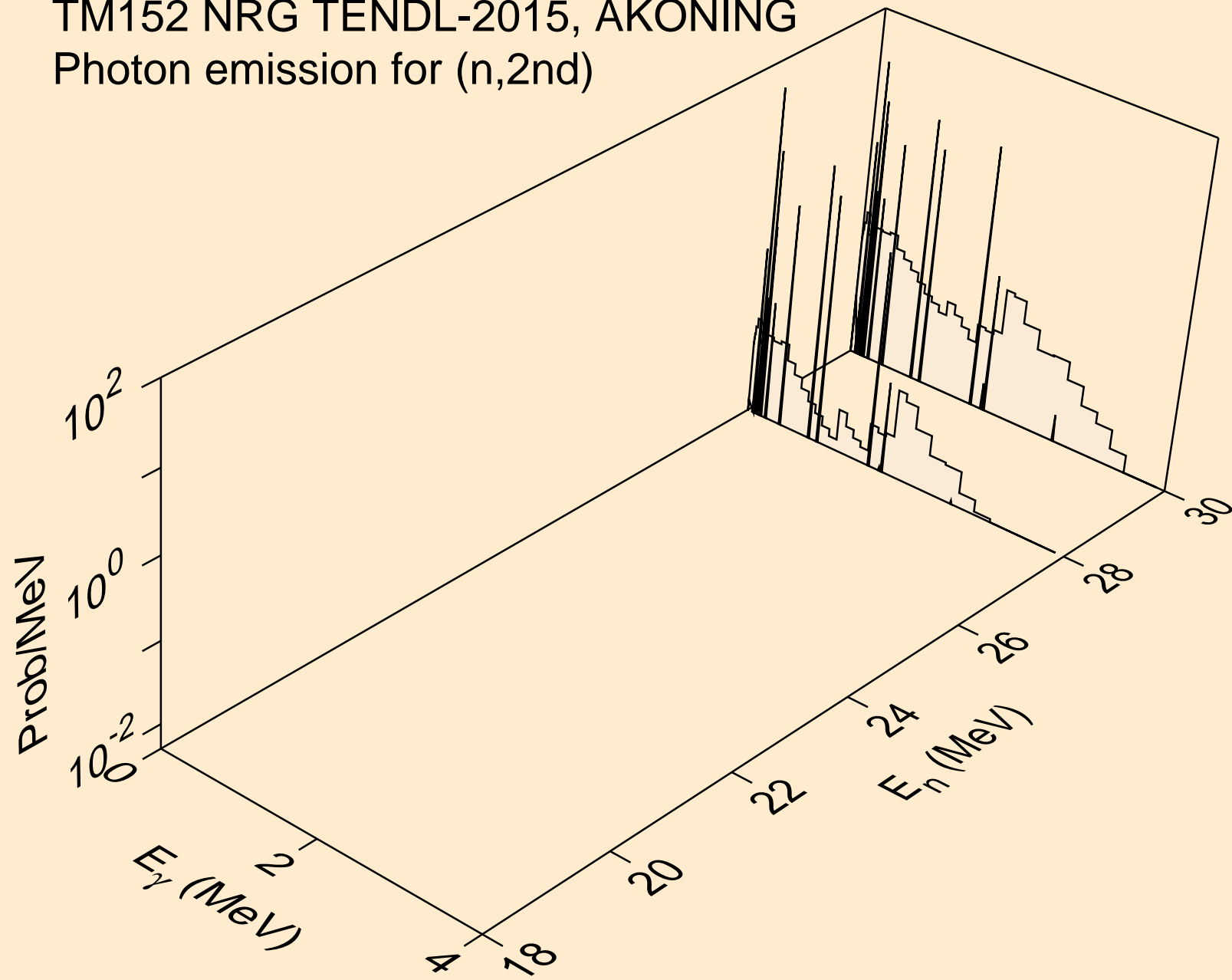


TM152 NRG TENDL-2015, AKONING  
Photon emission for (n,x)

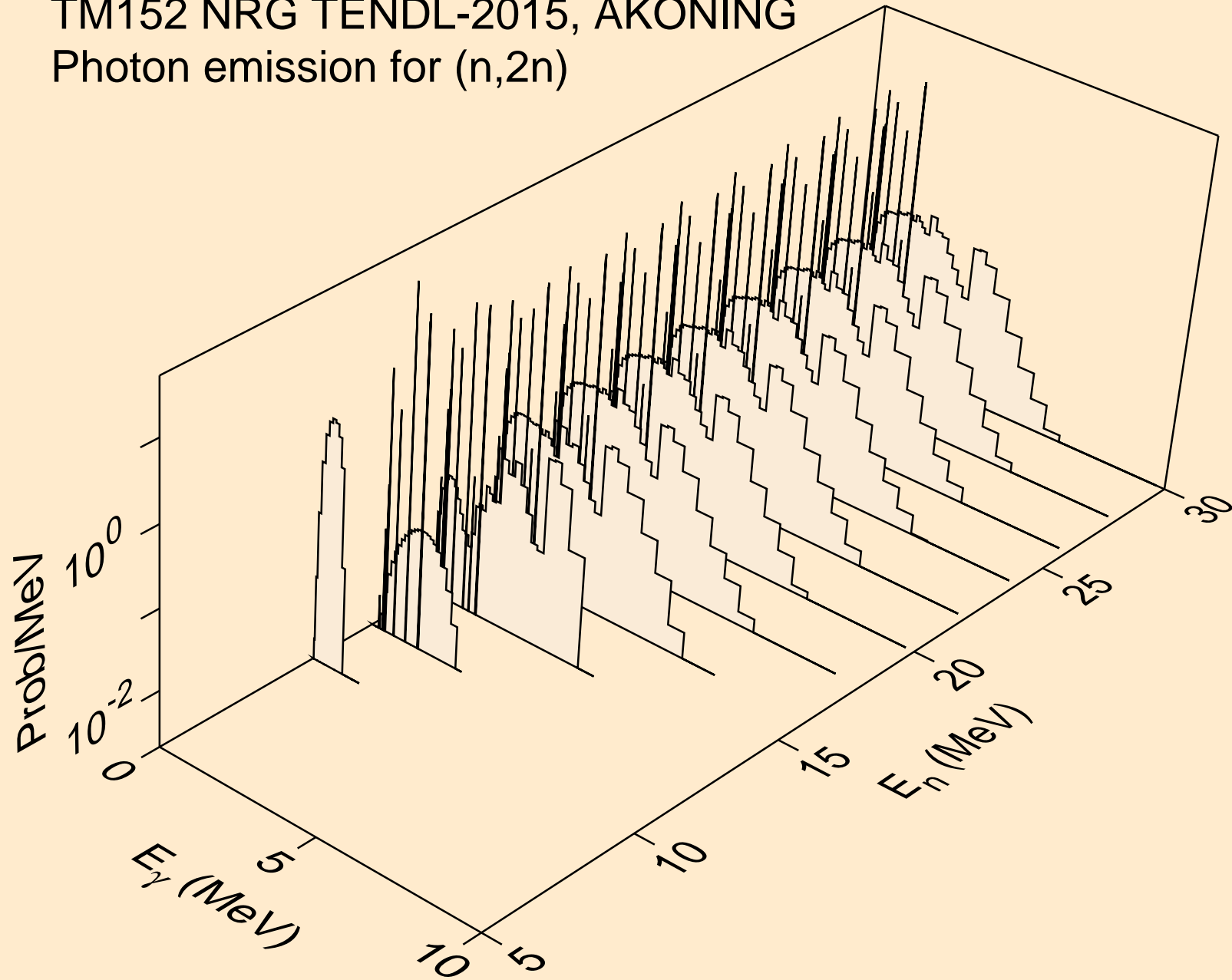




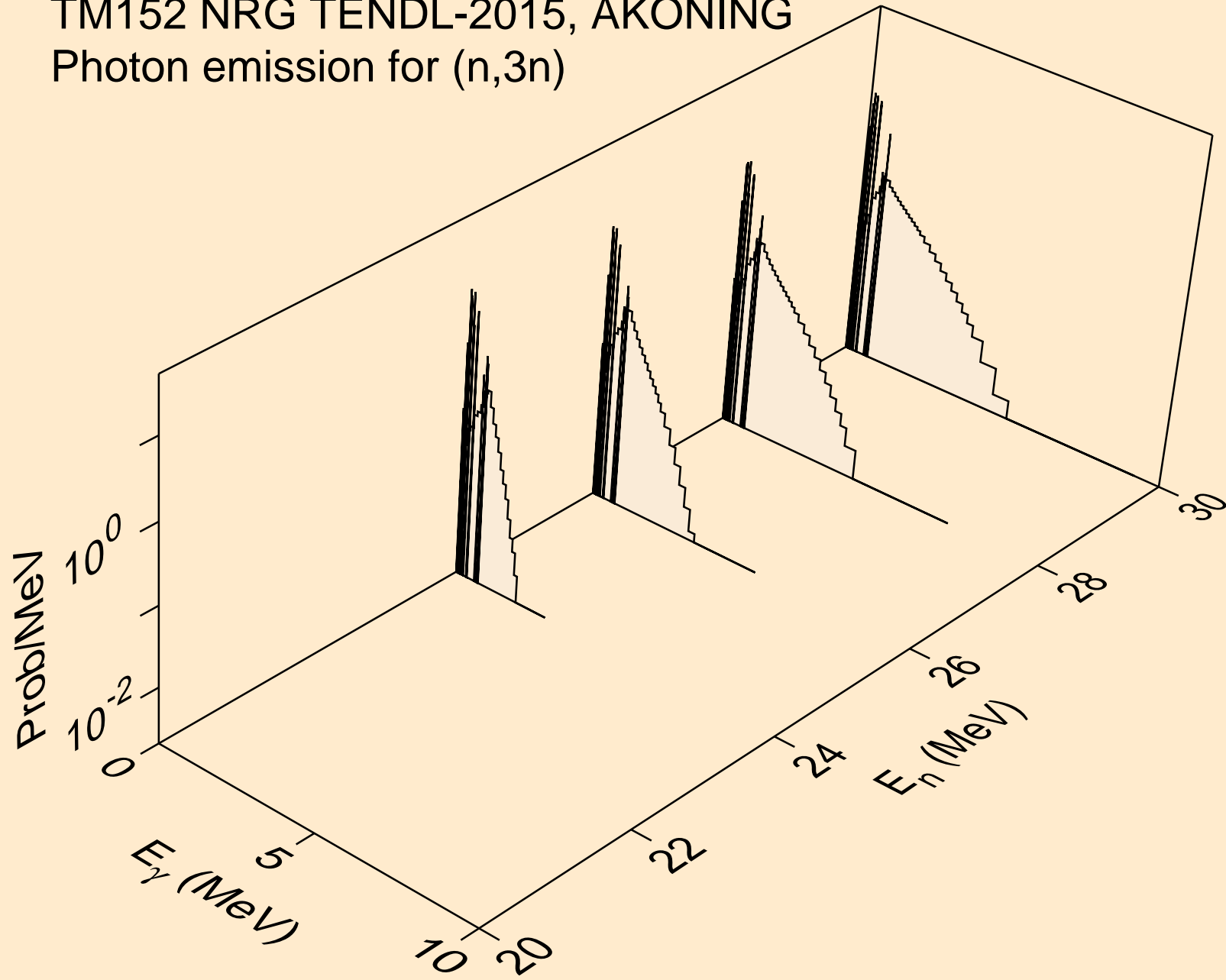
TM152 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



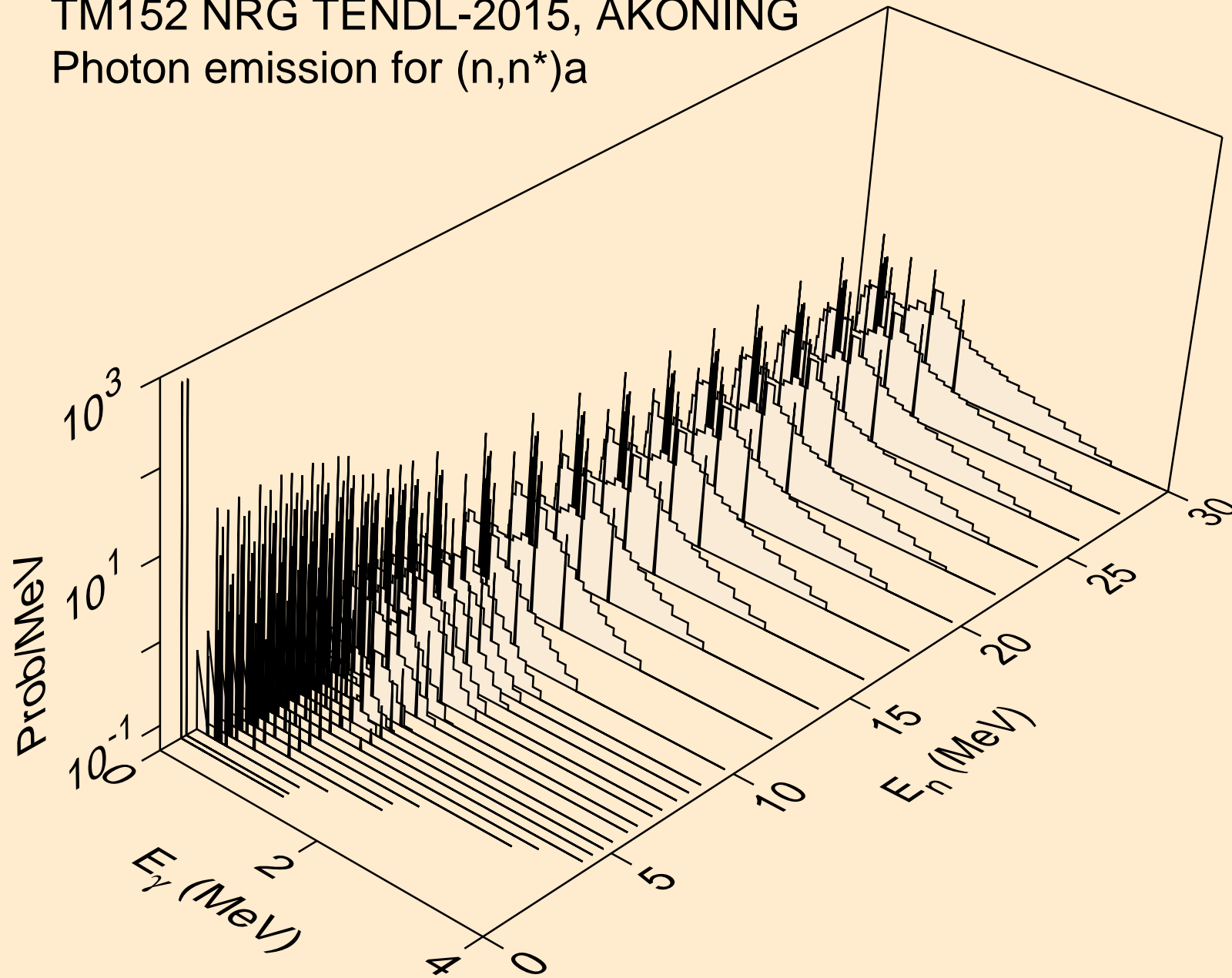
TM152 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



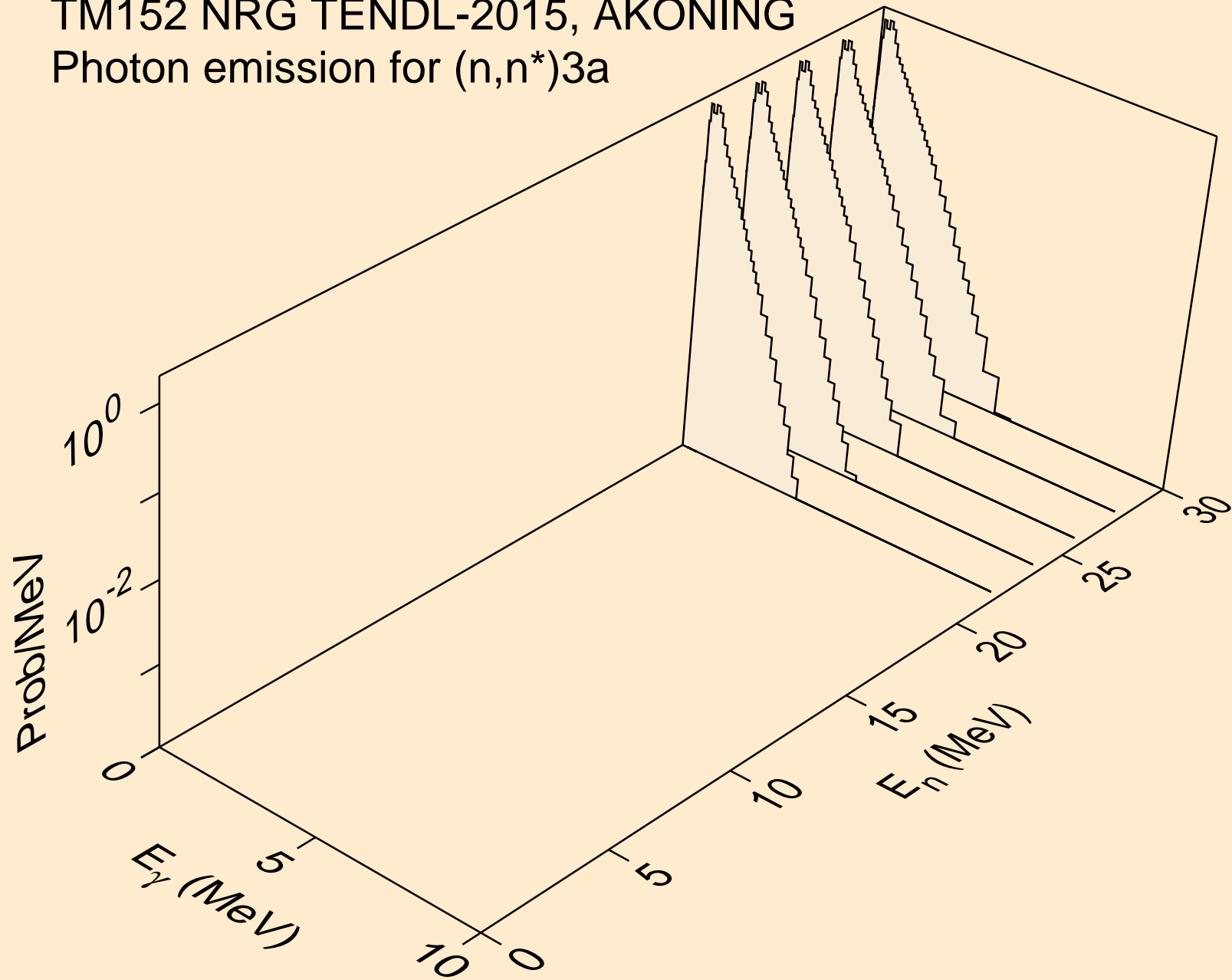
TM152 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



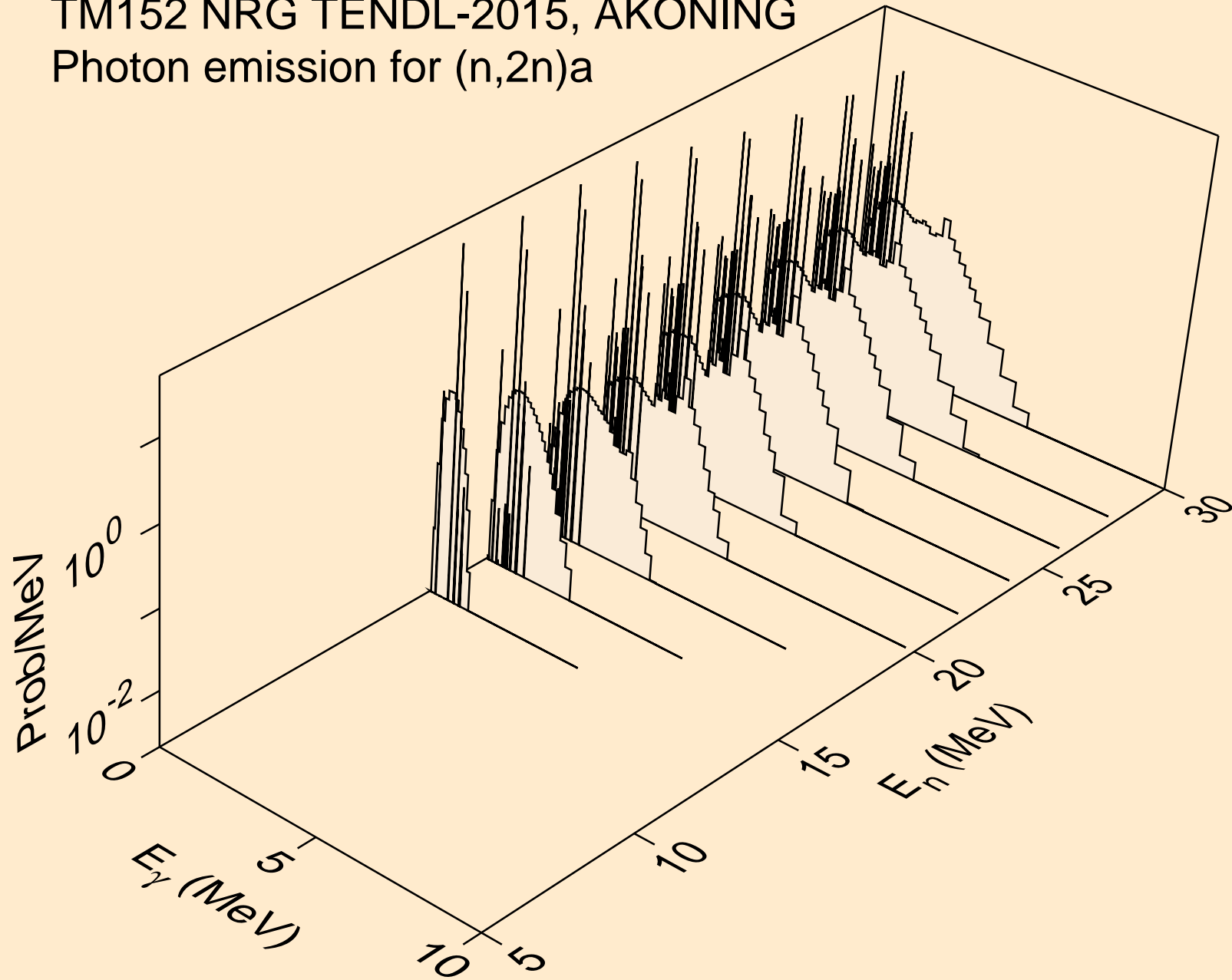
TM152 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



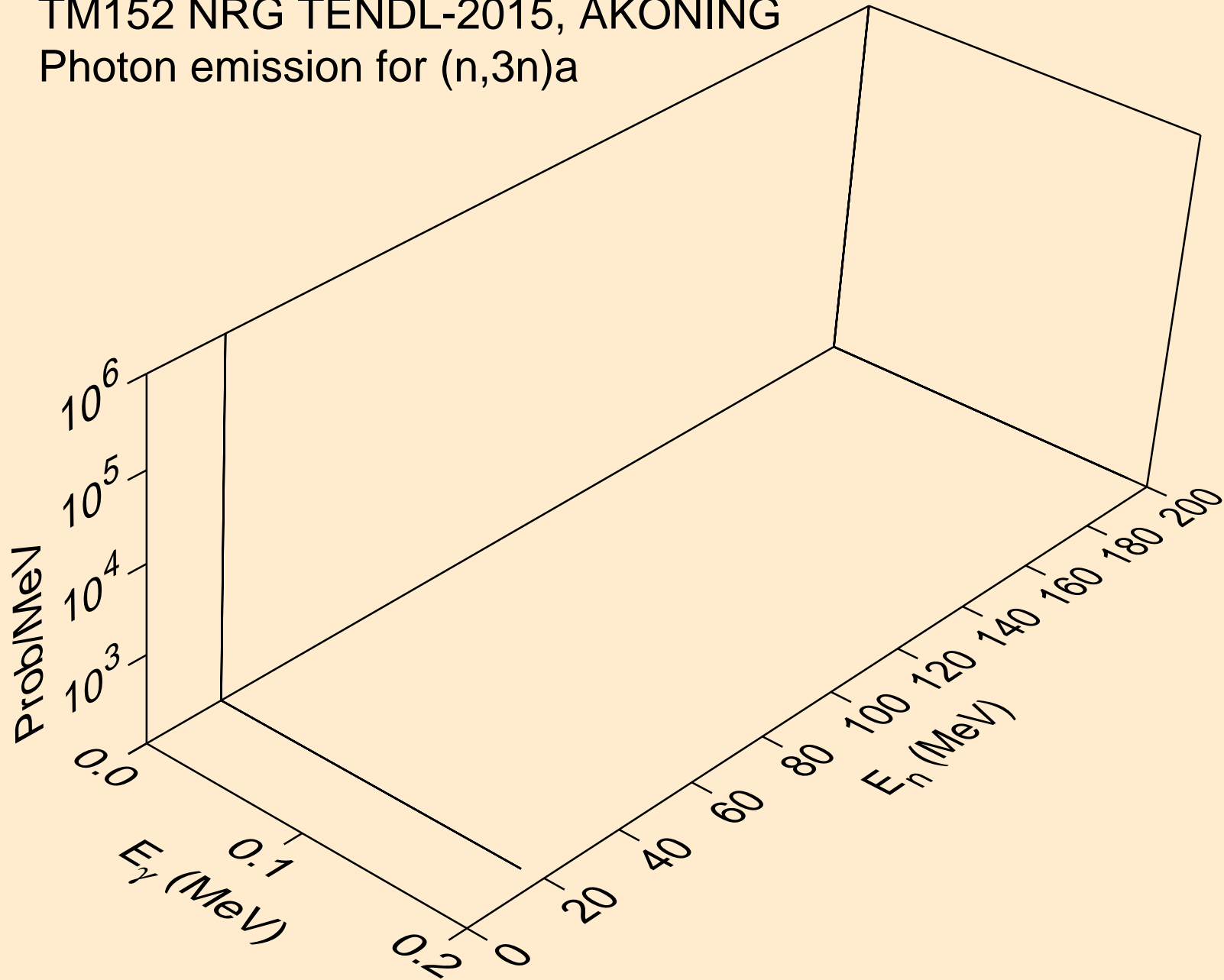
TM152 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a



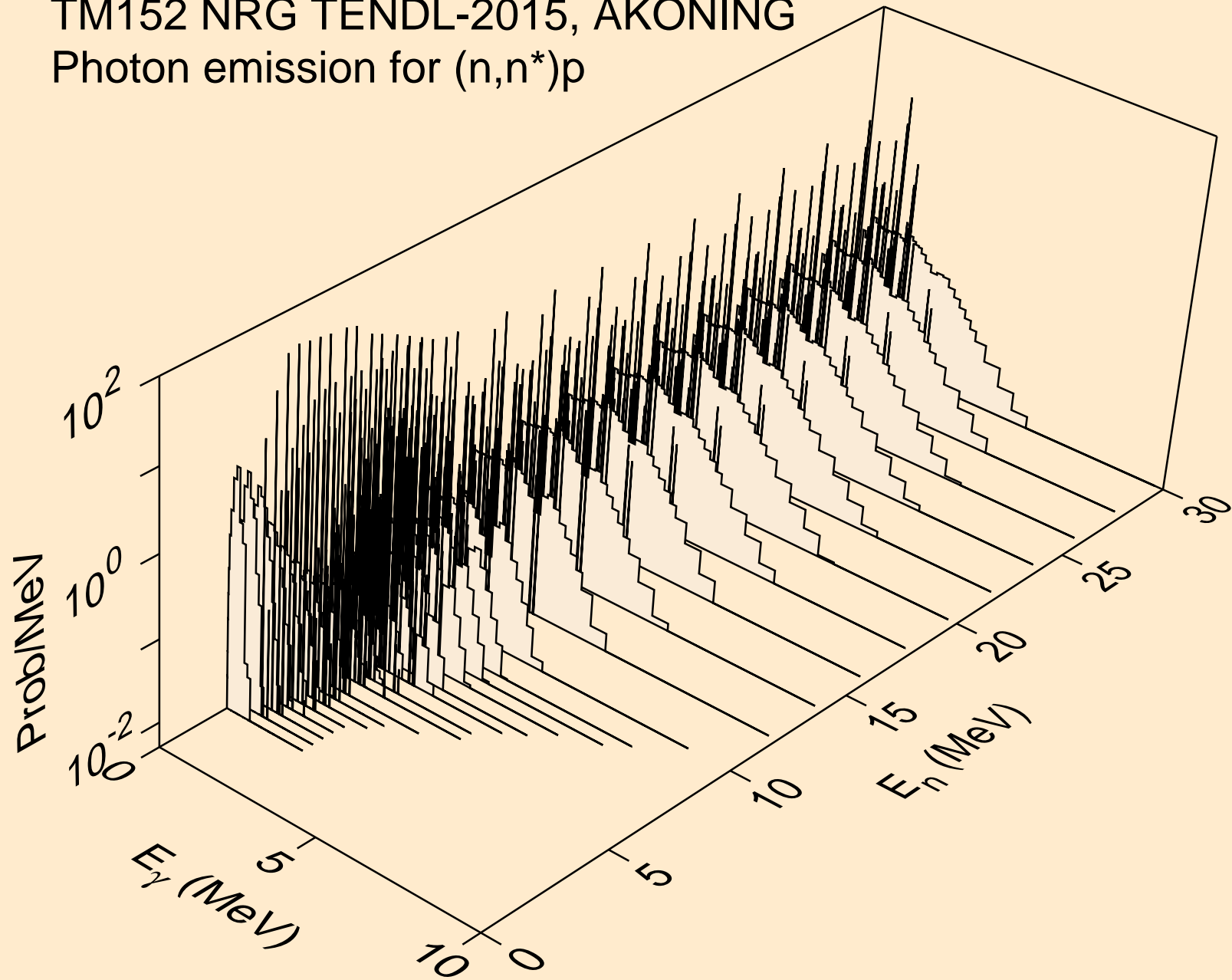
TM152 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



TM152 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

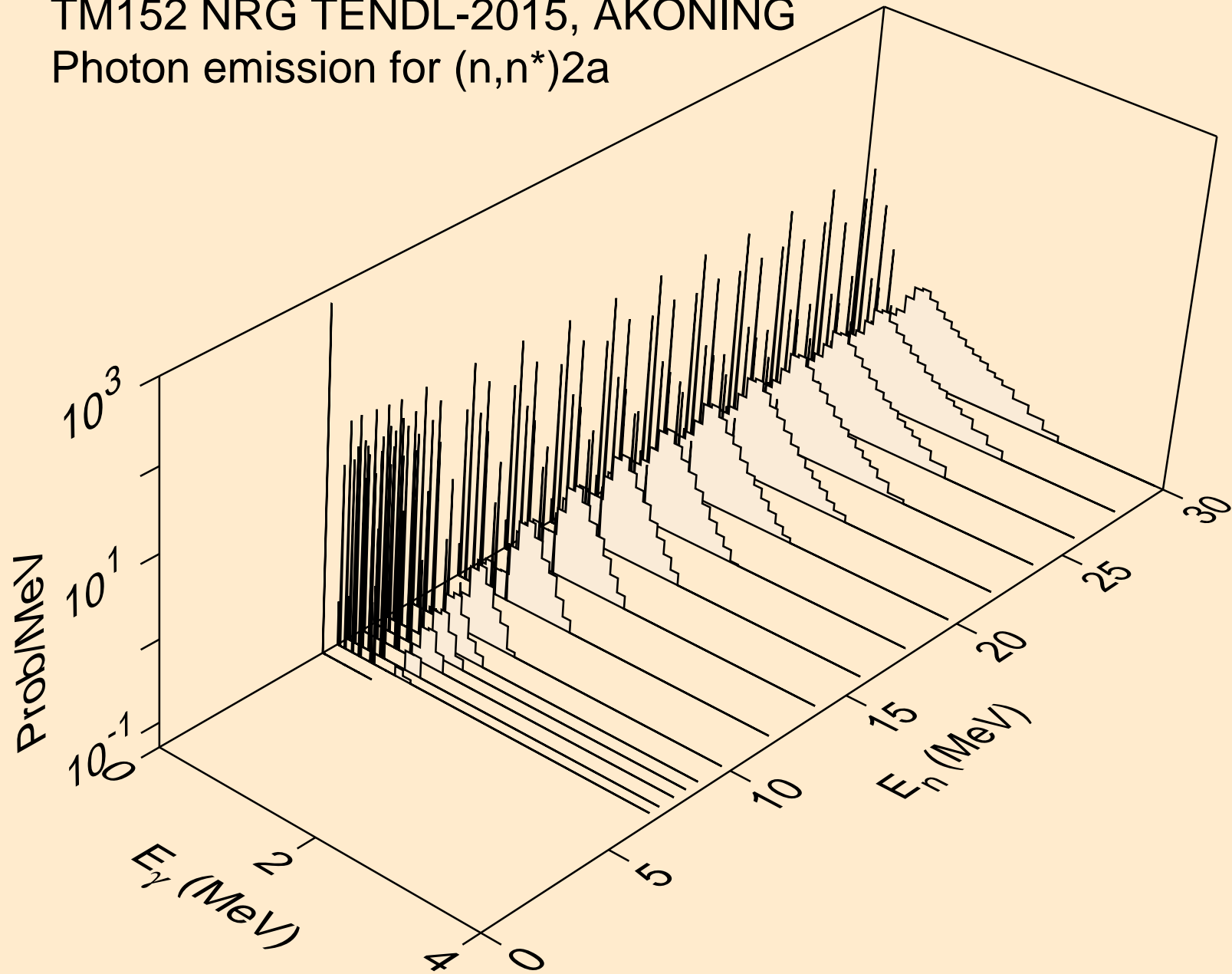


TM152 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

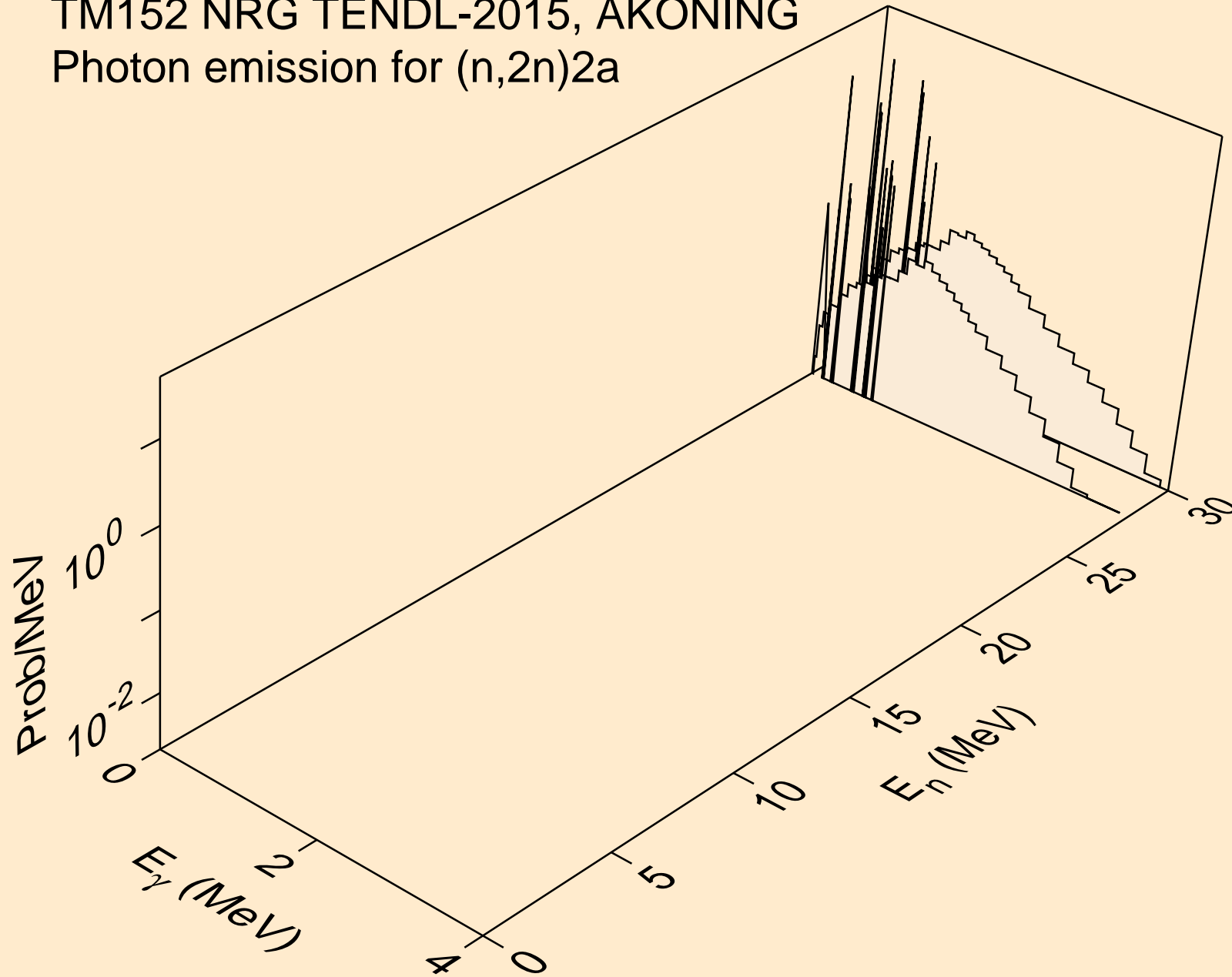




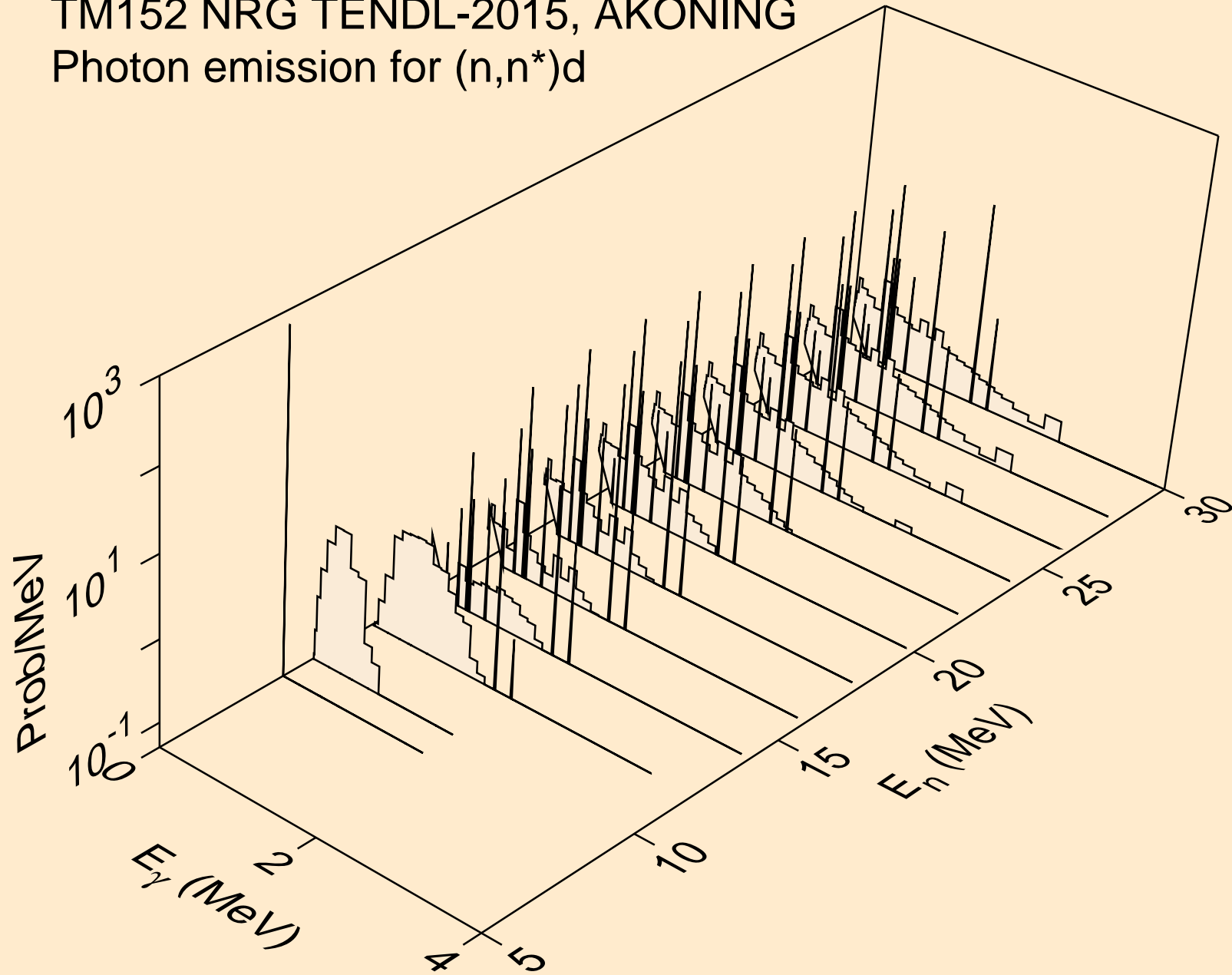
TM152 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



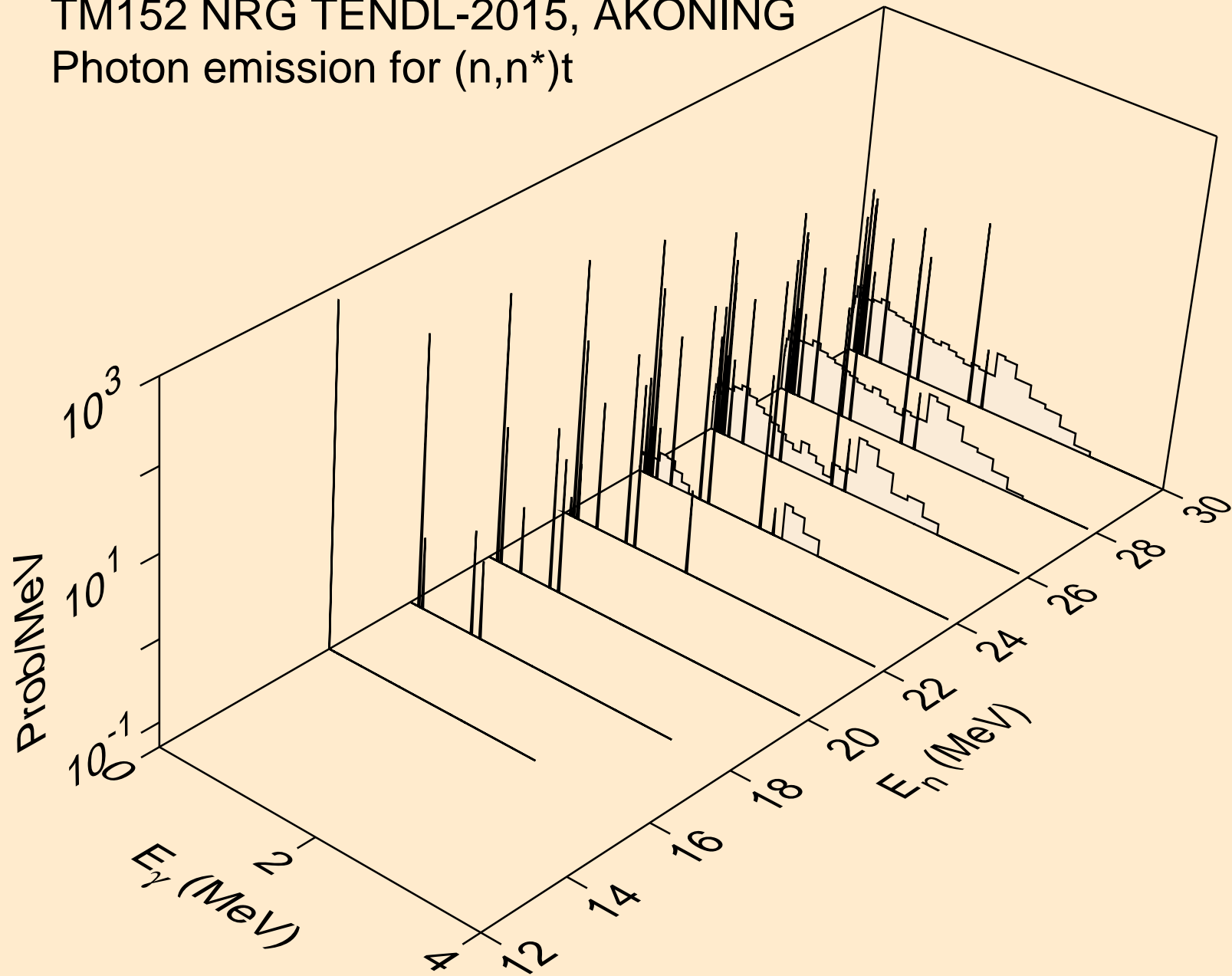
TM152 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



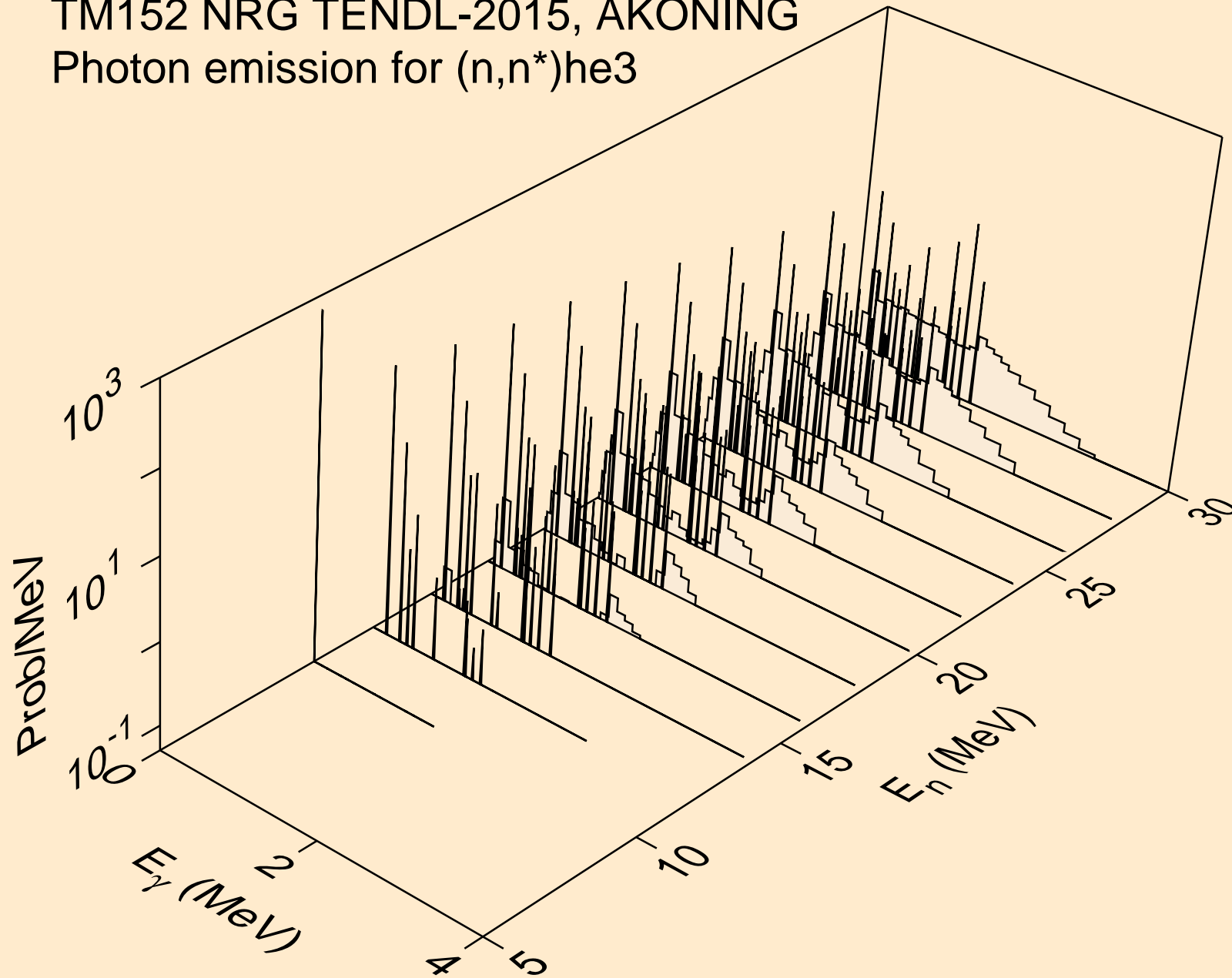
TM152 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



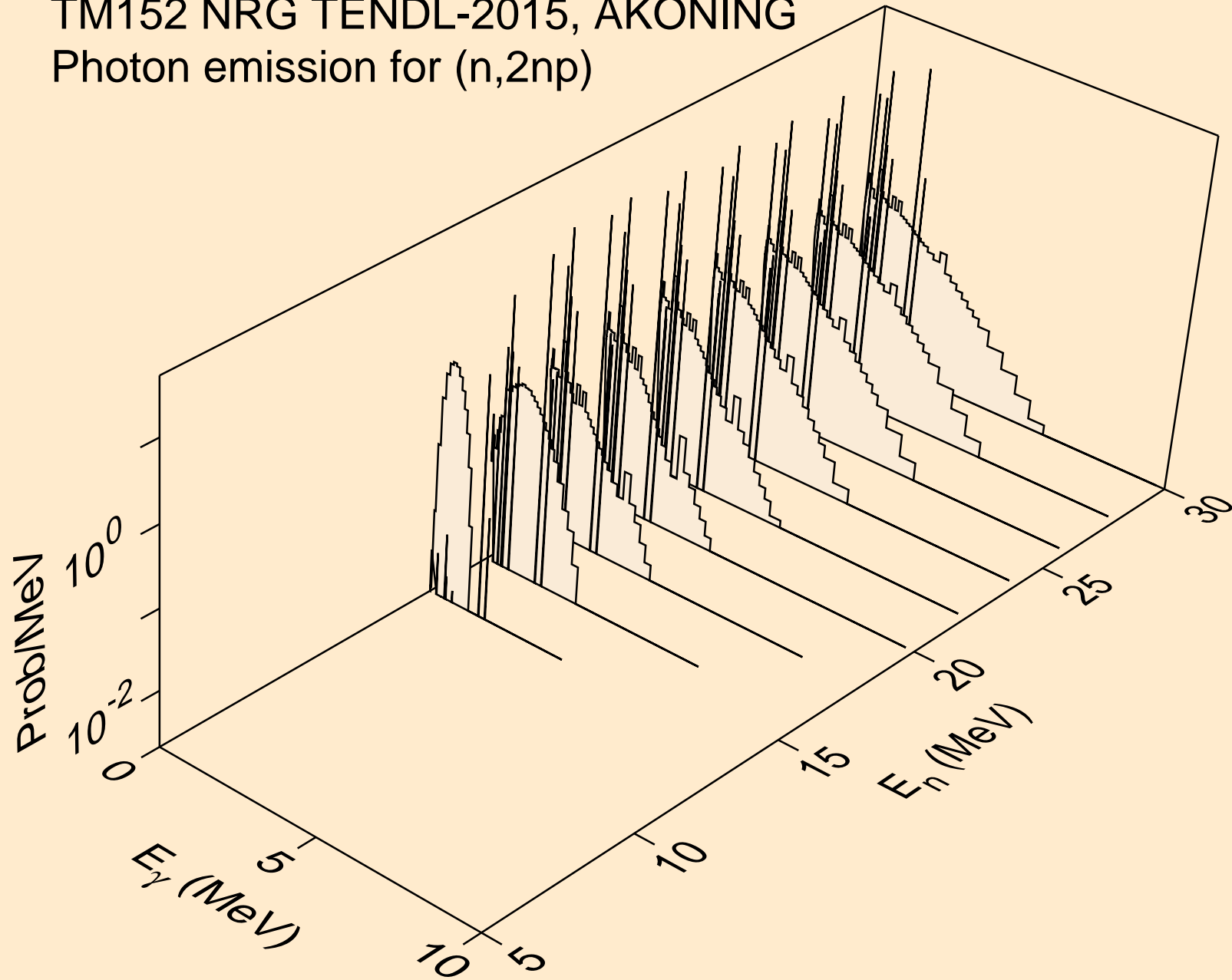
TM152 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



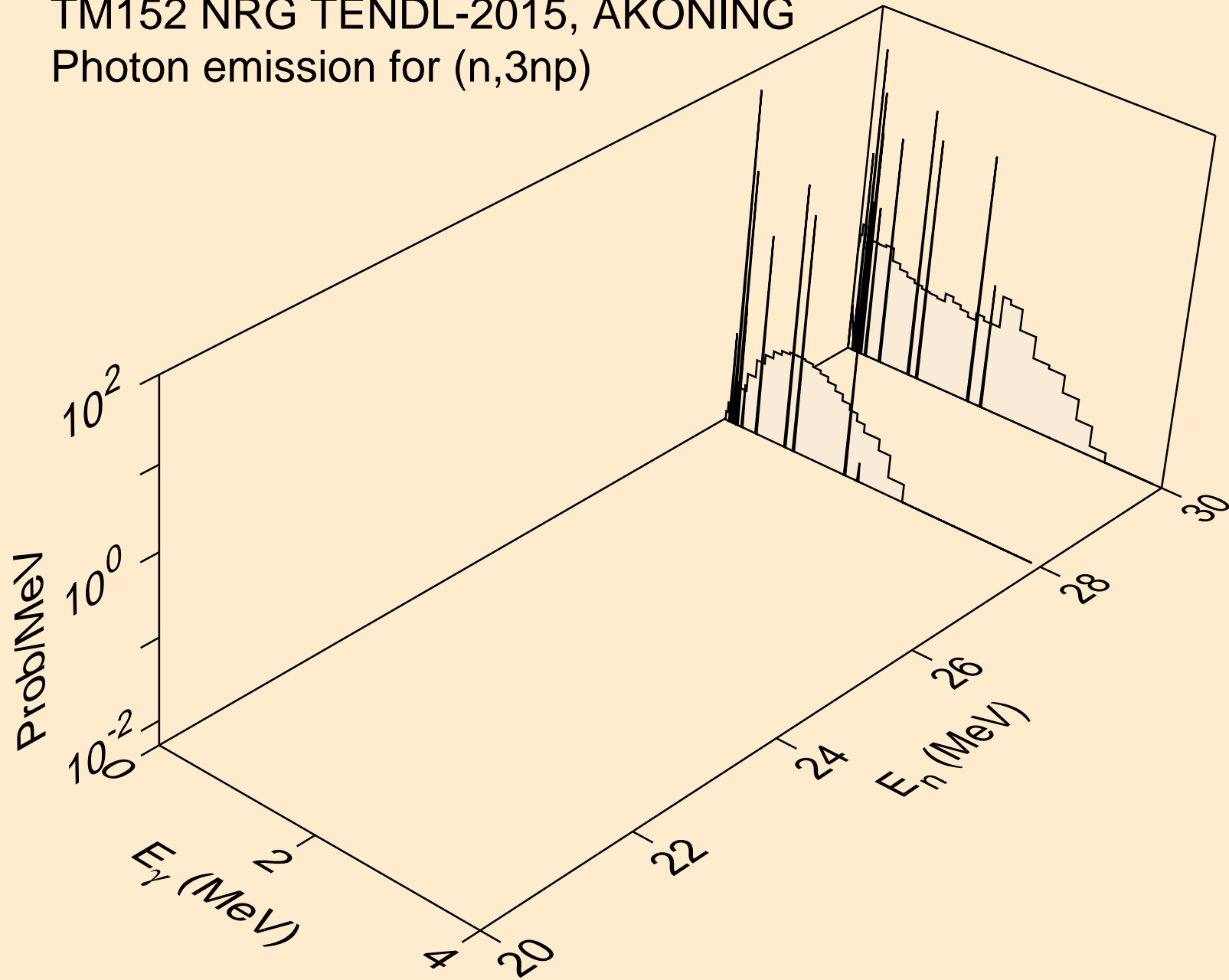
TM152 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



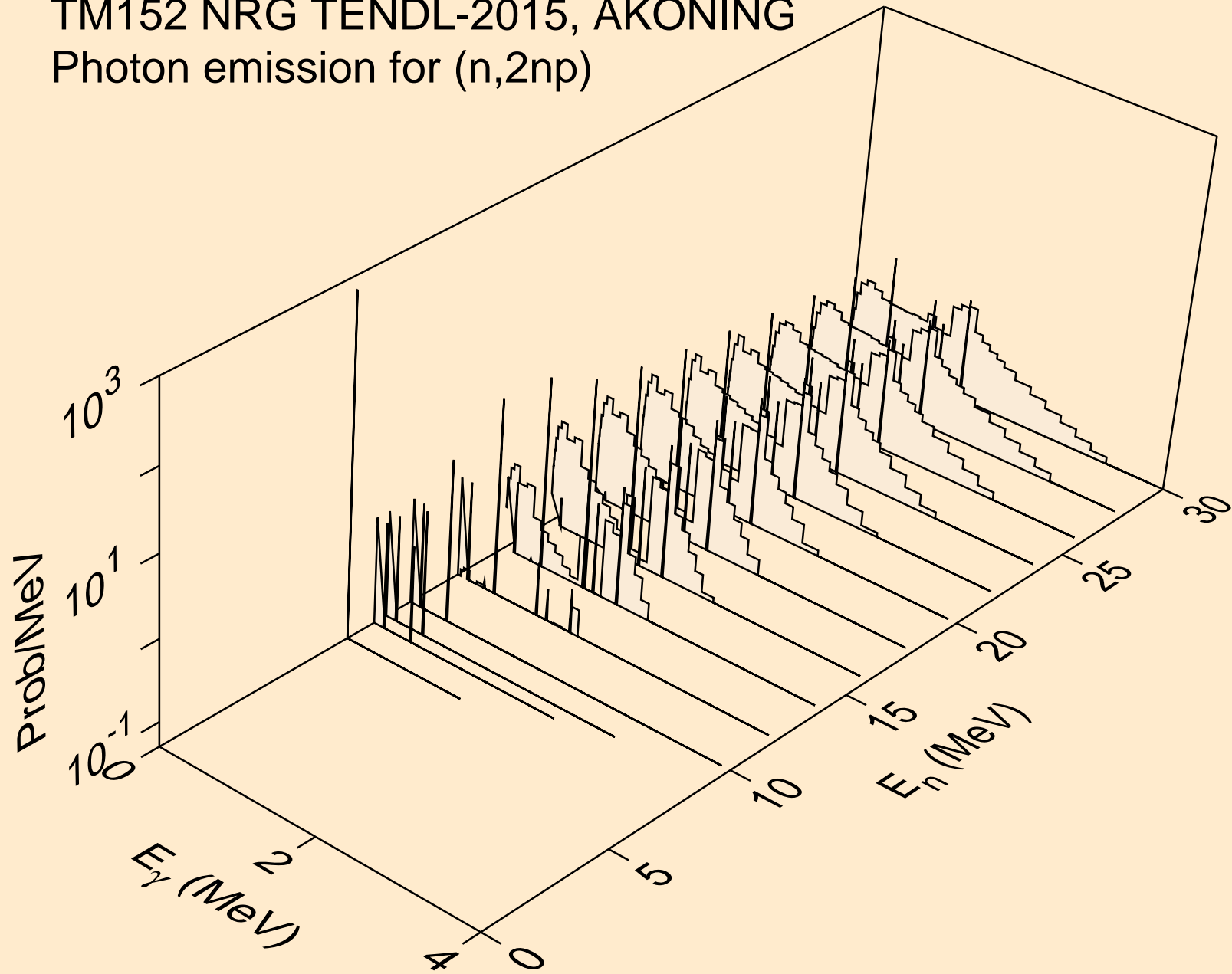
TM152 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



TM152 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

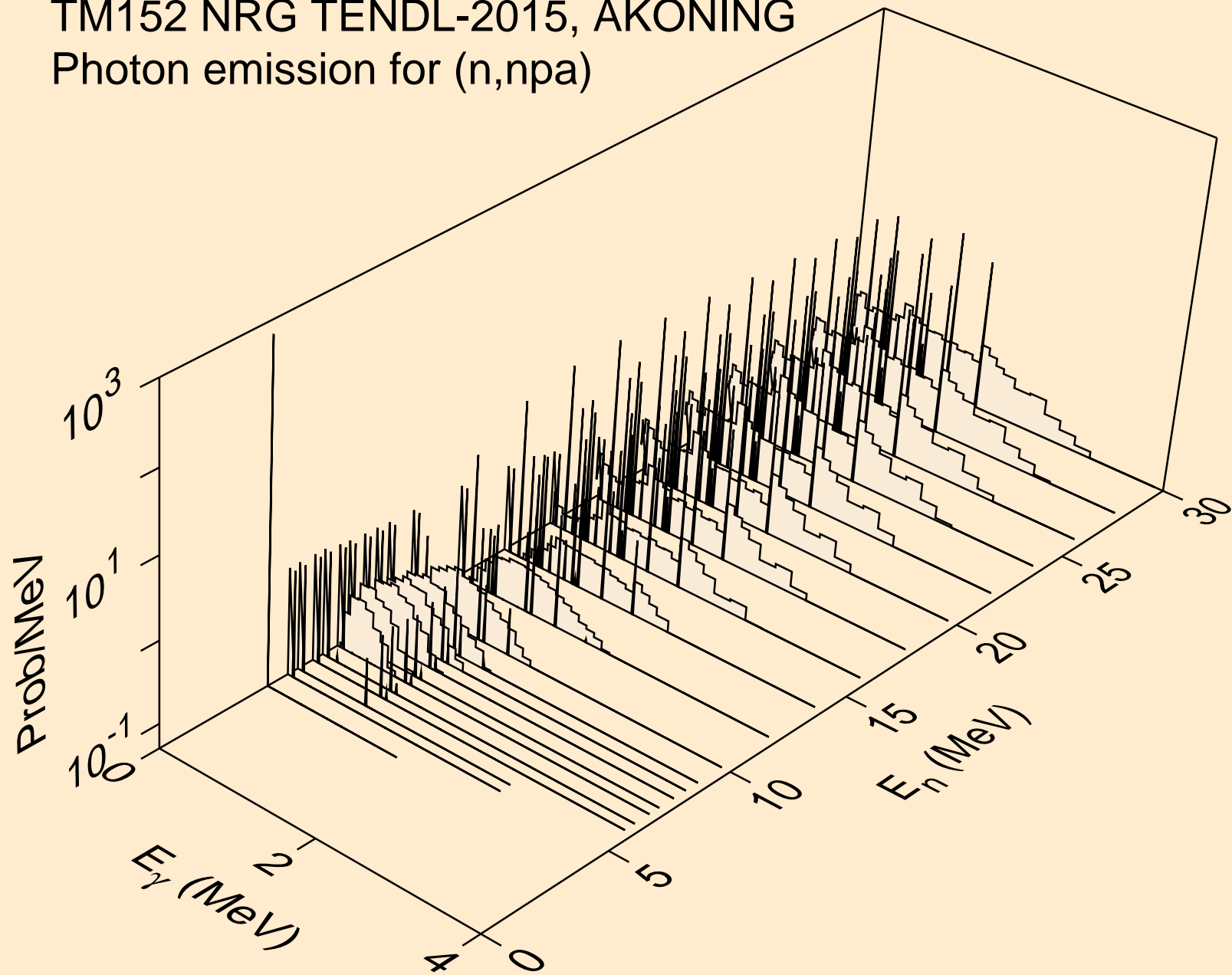


TM152 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

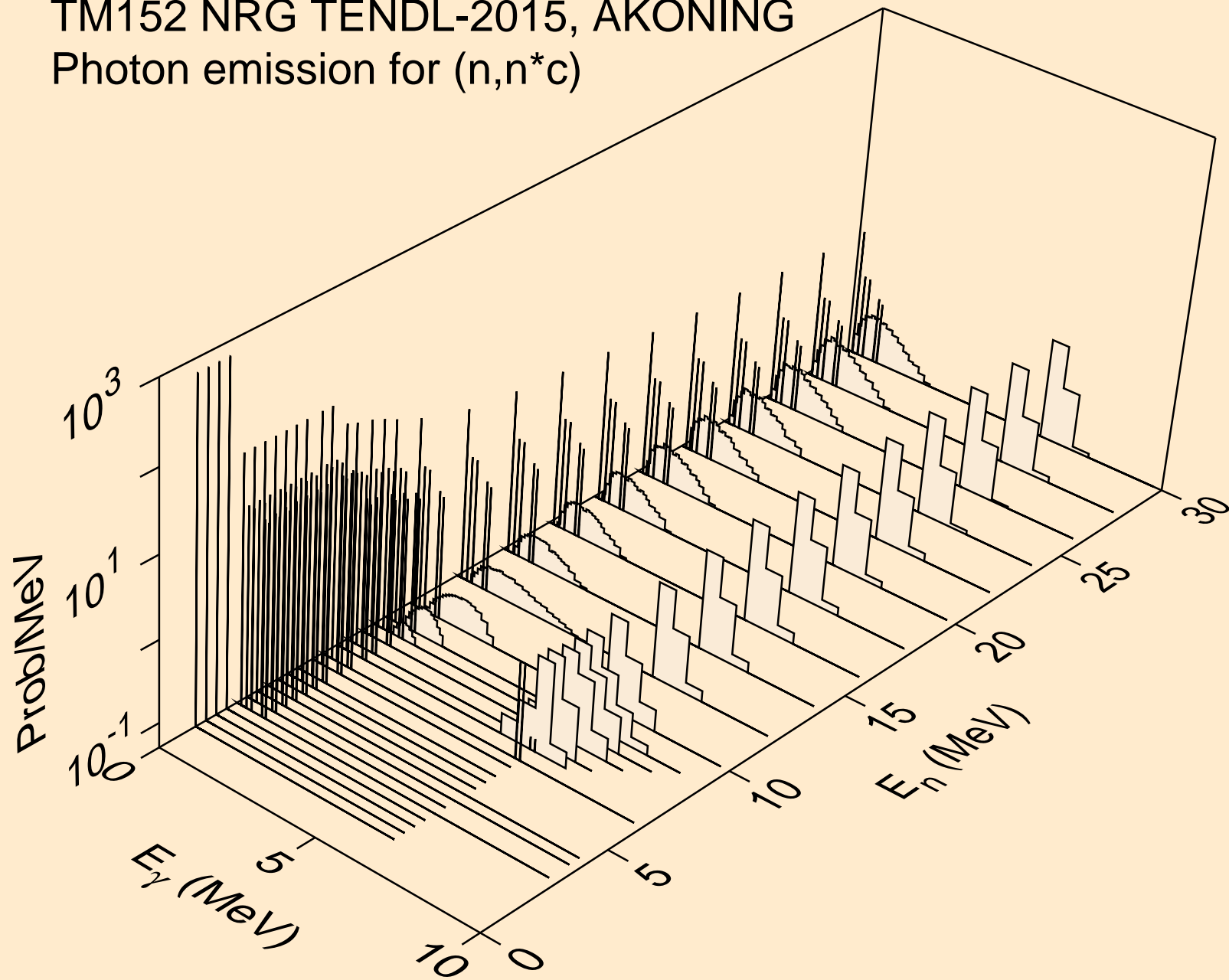




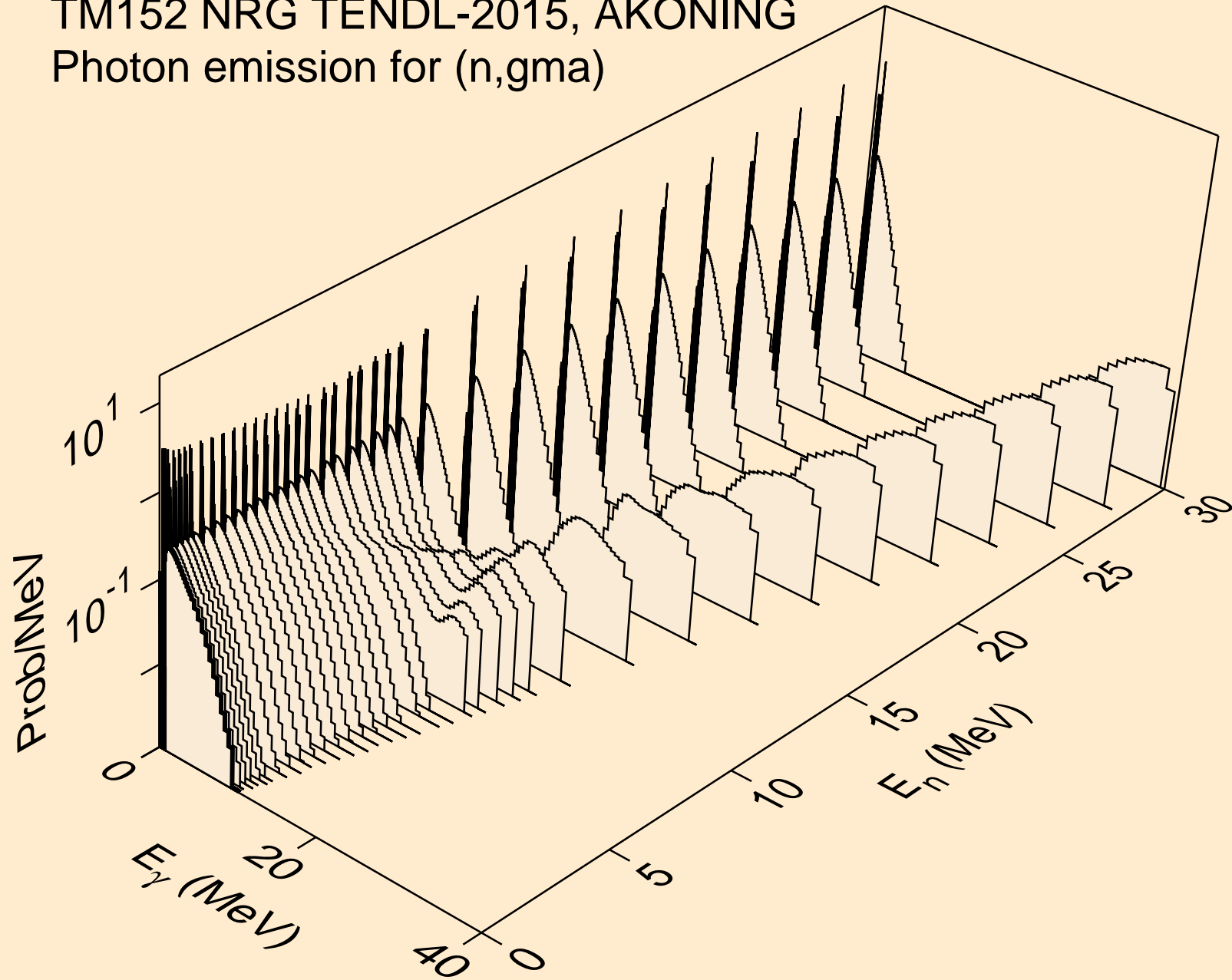
TM152 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



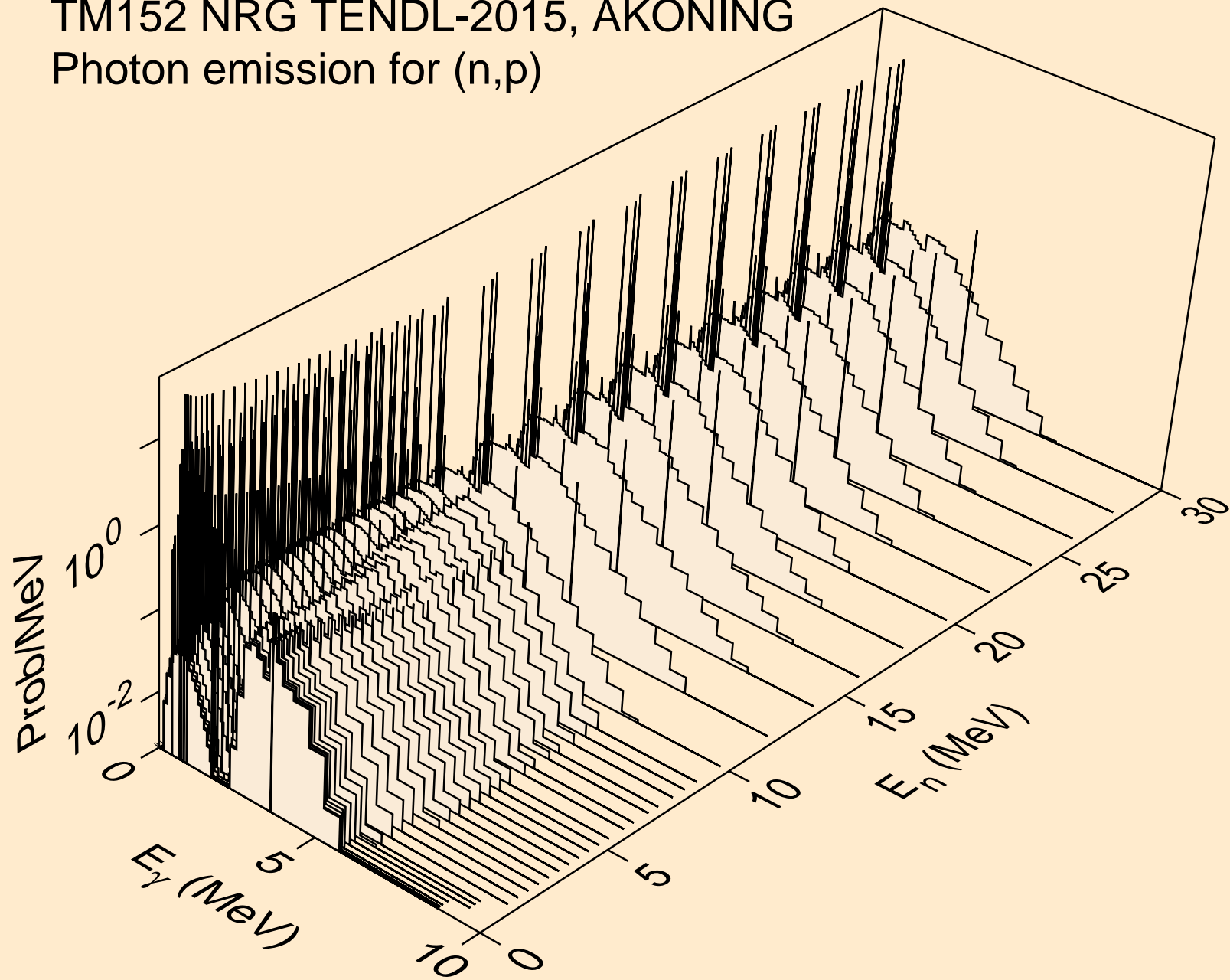
TM152 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



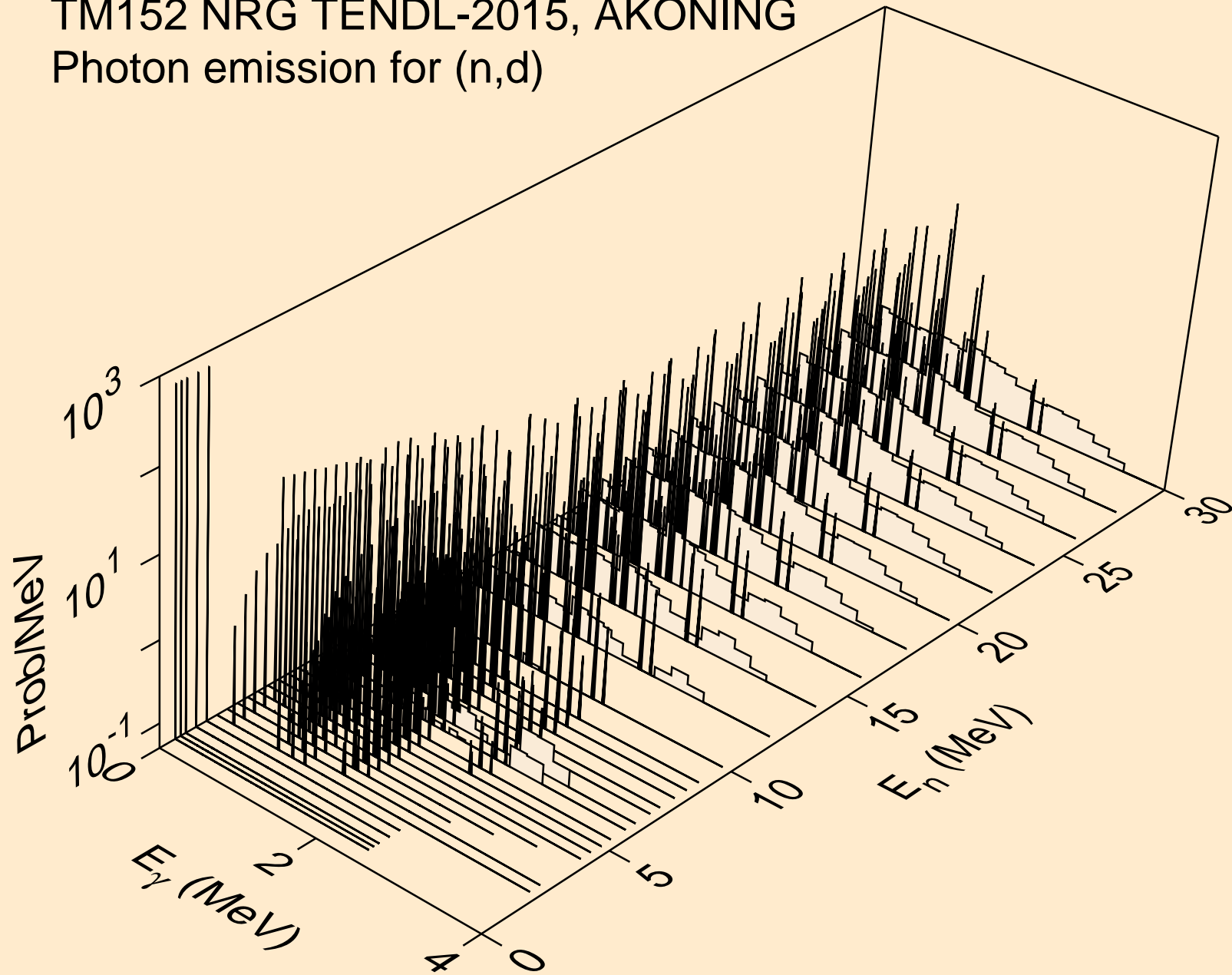
TM152 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



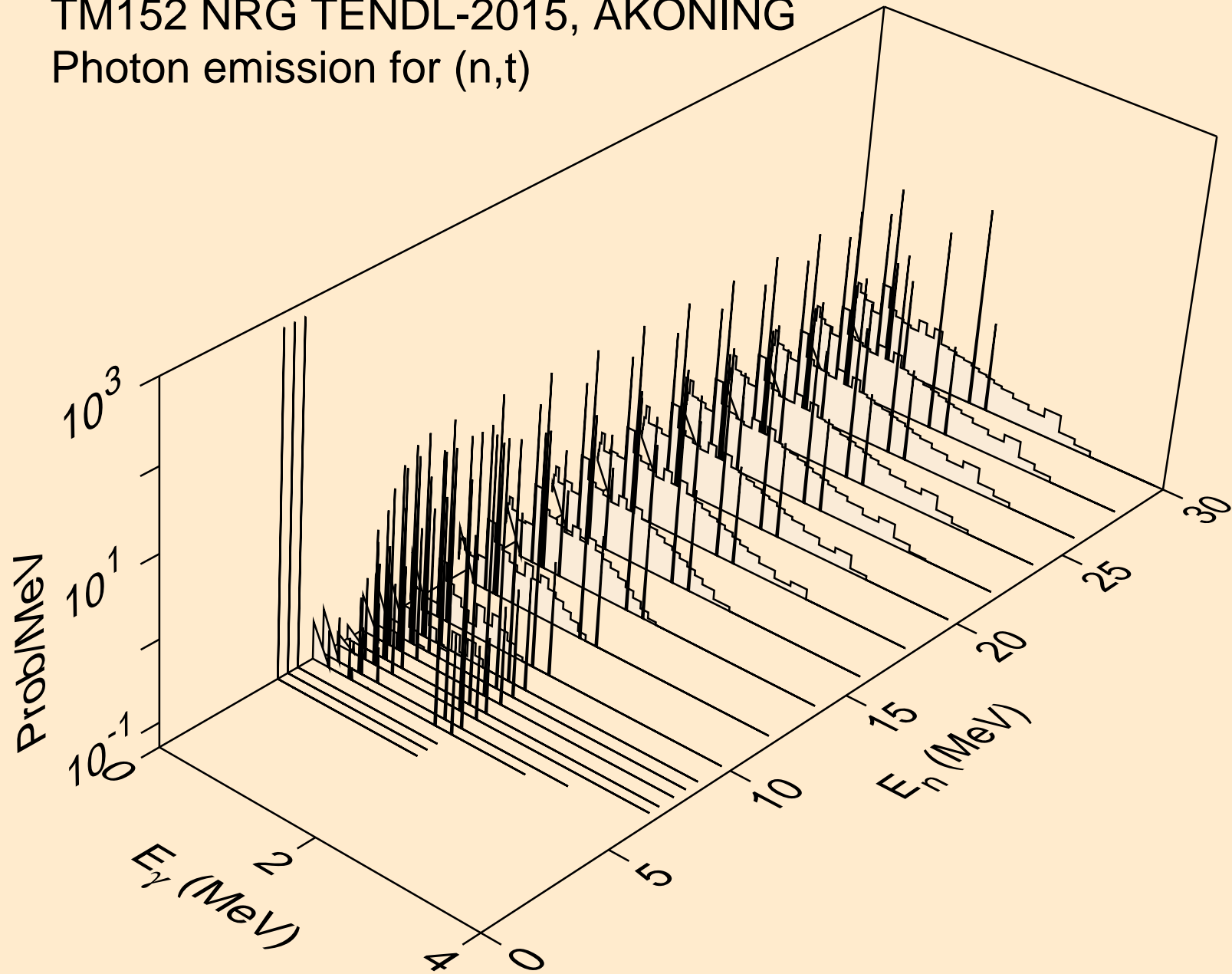
TM152 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



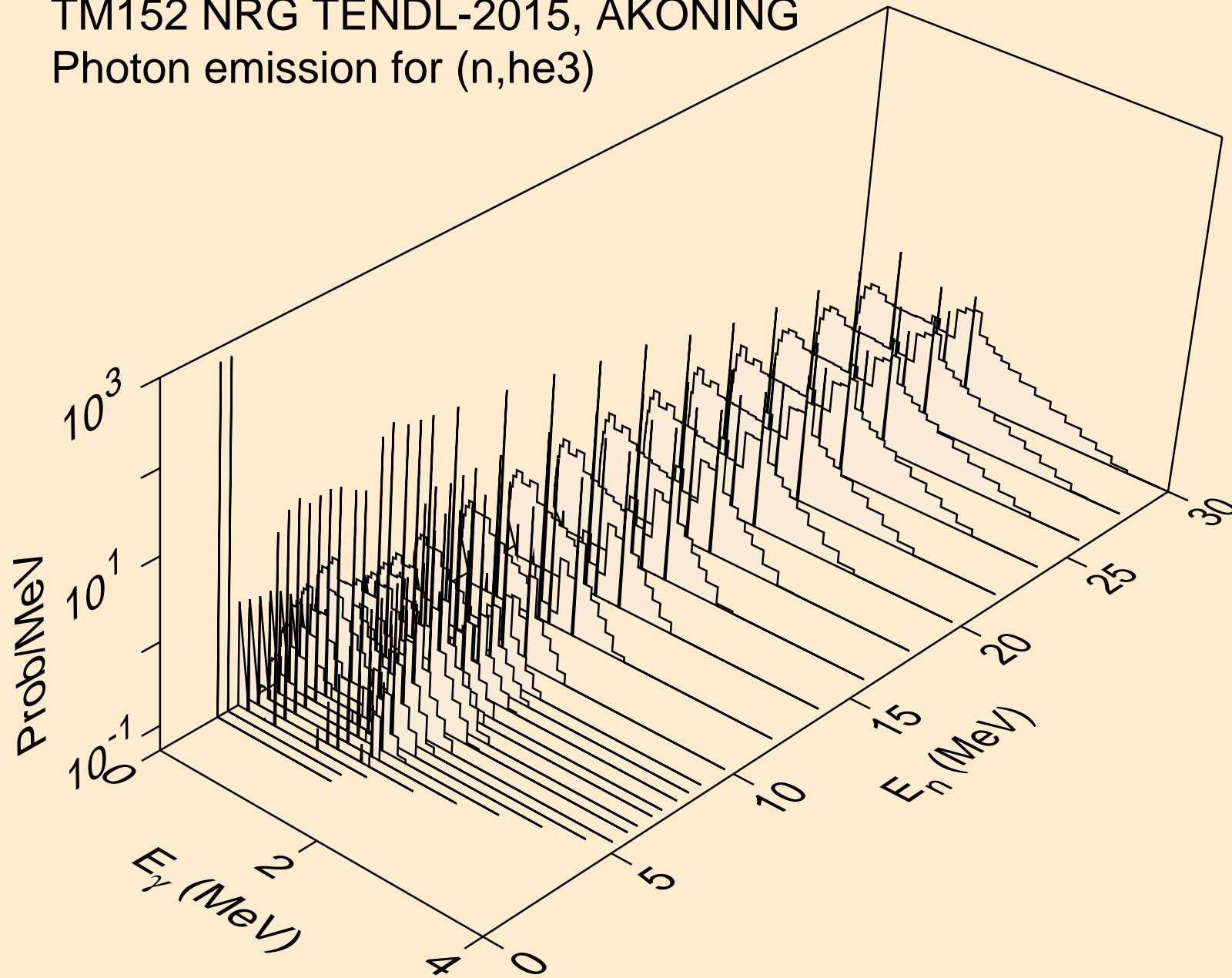
TM152 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



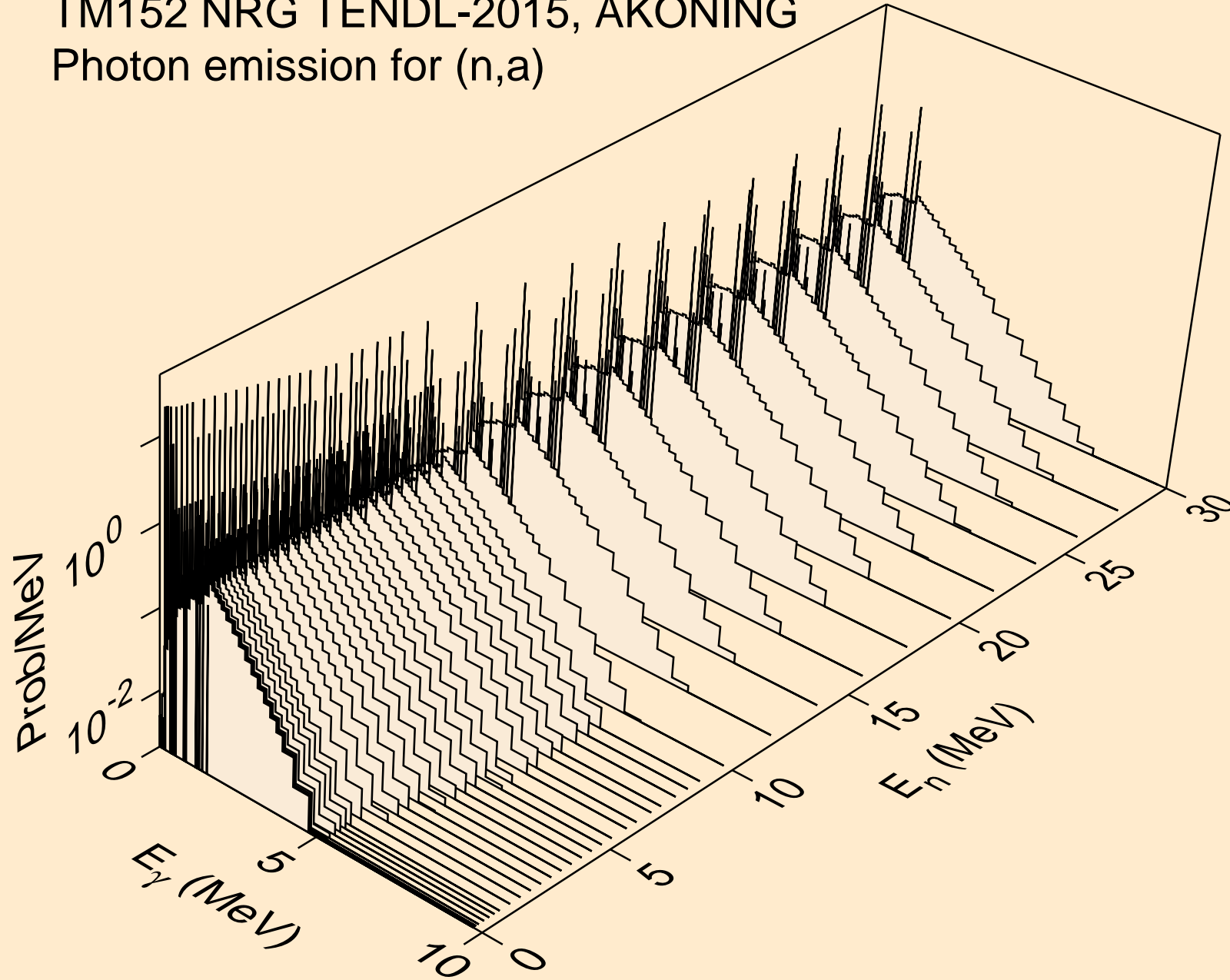
TM152 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



TM152 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

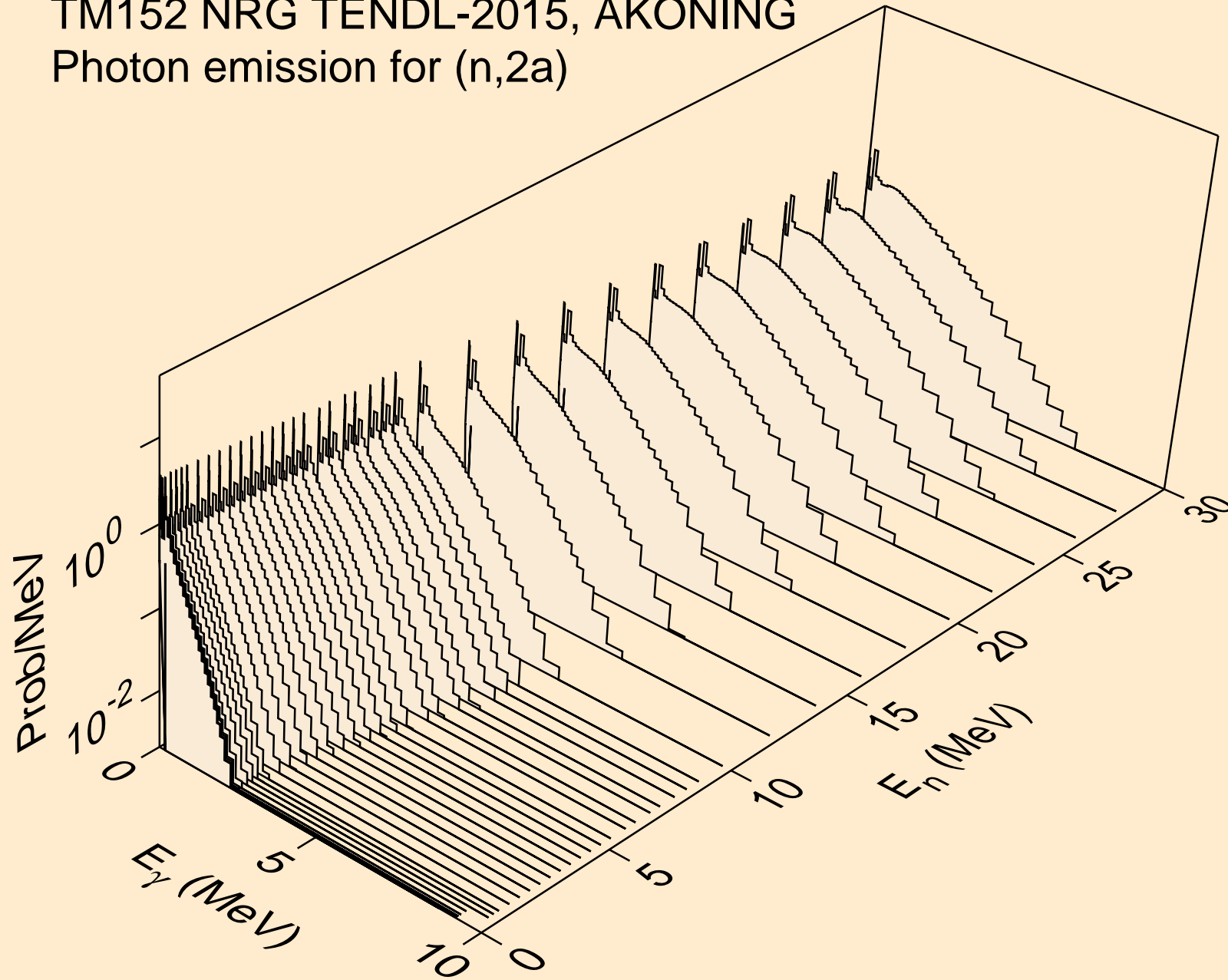


TM152 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

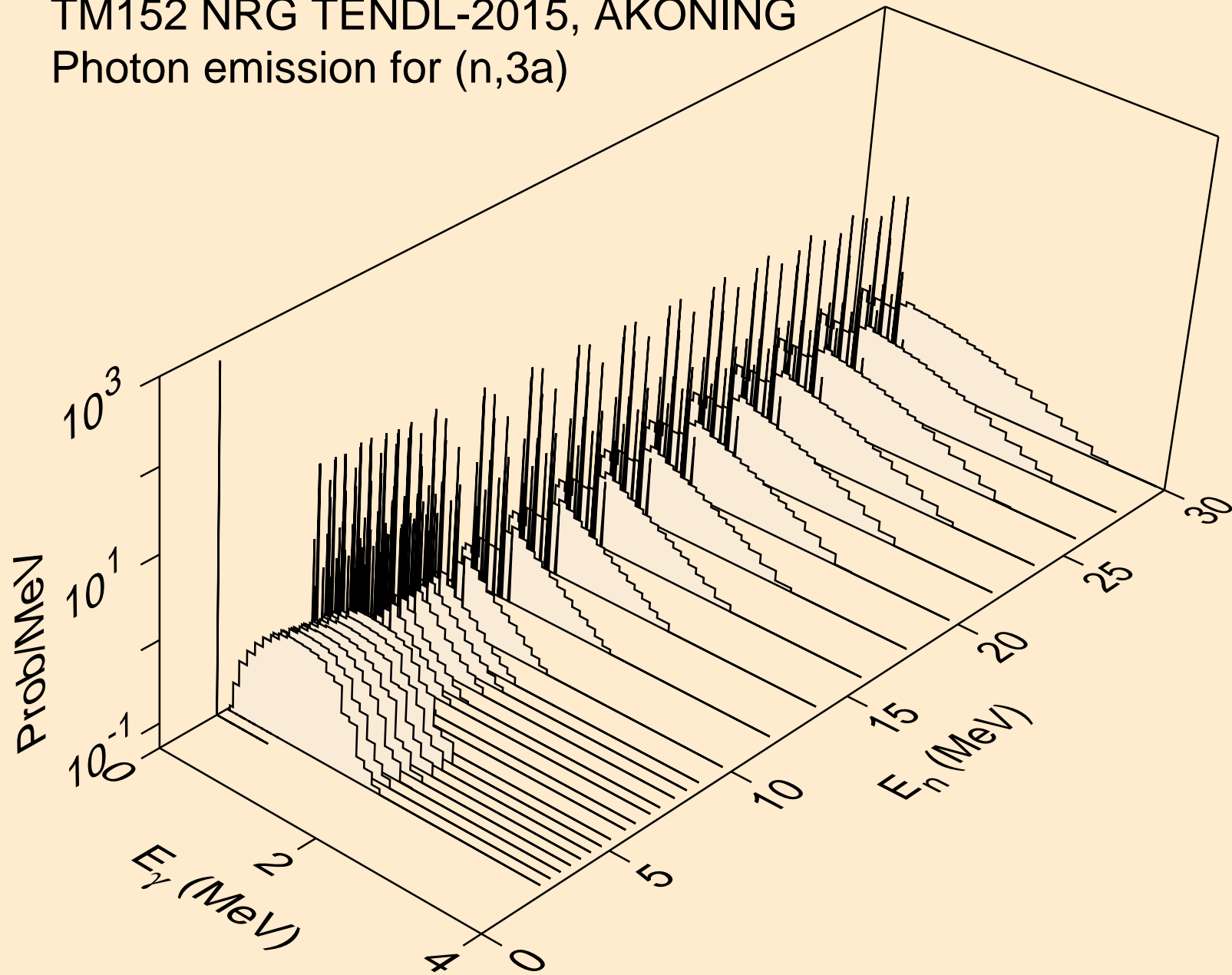




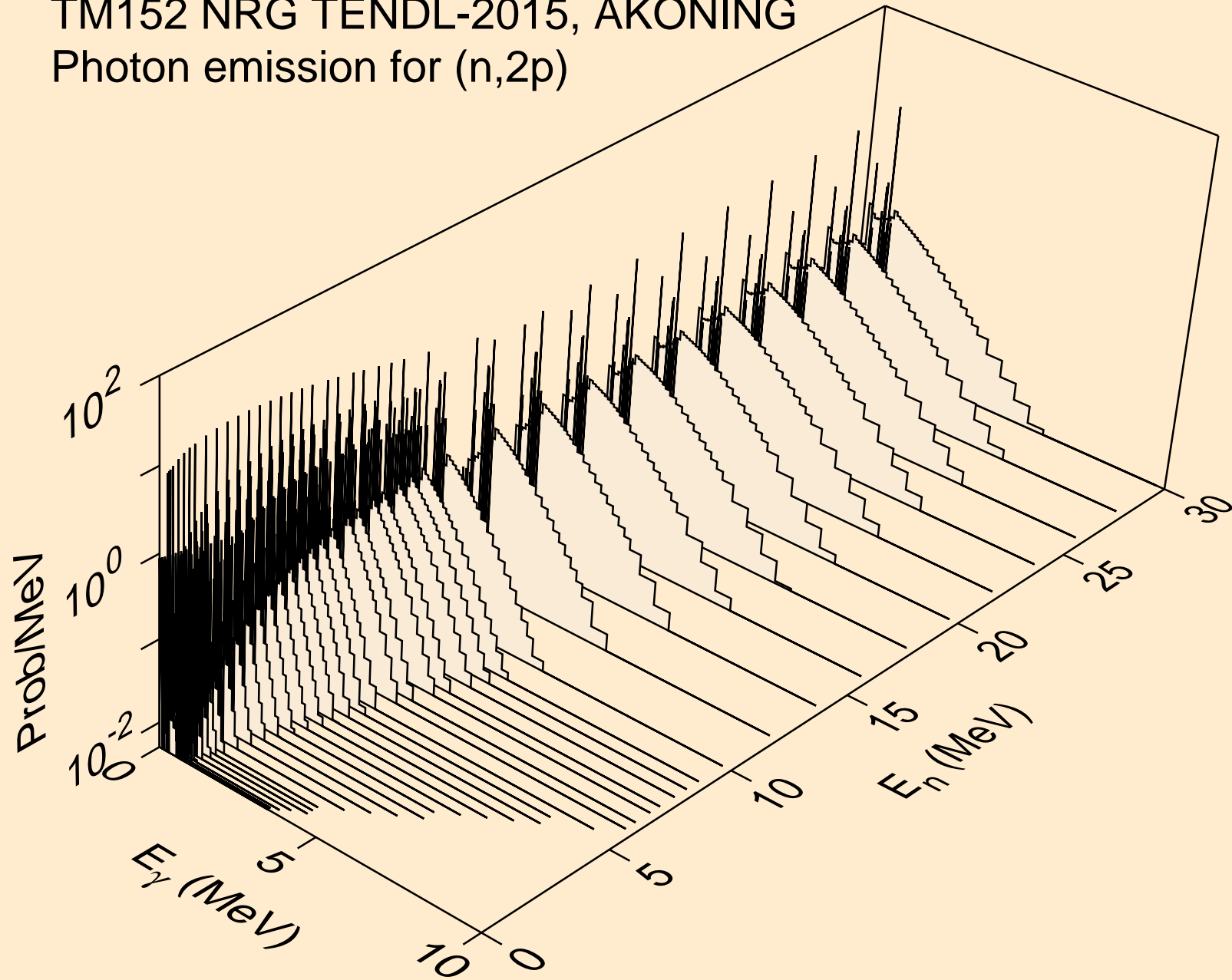
TM152 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



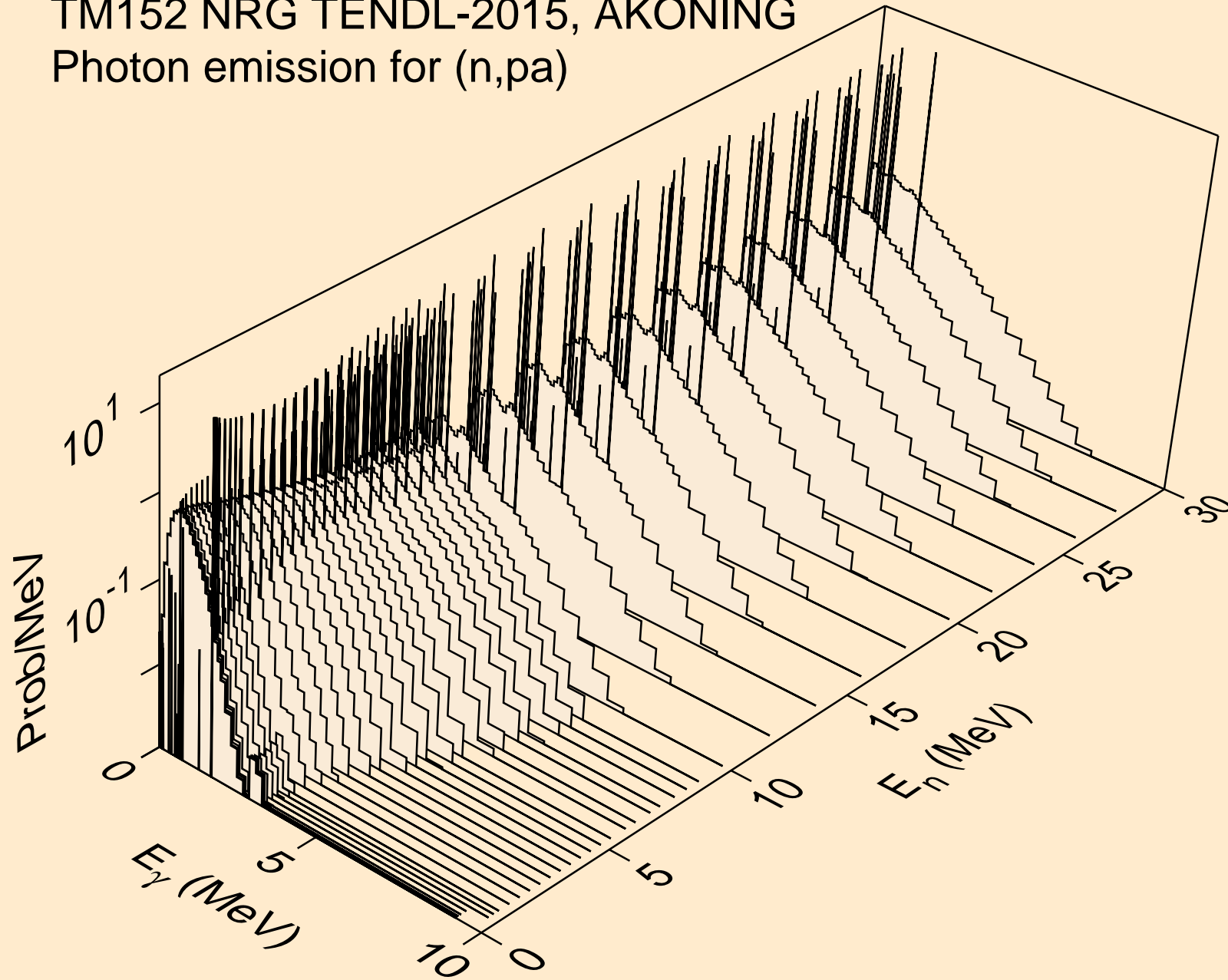
TM152 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



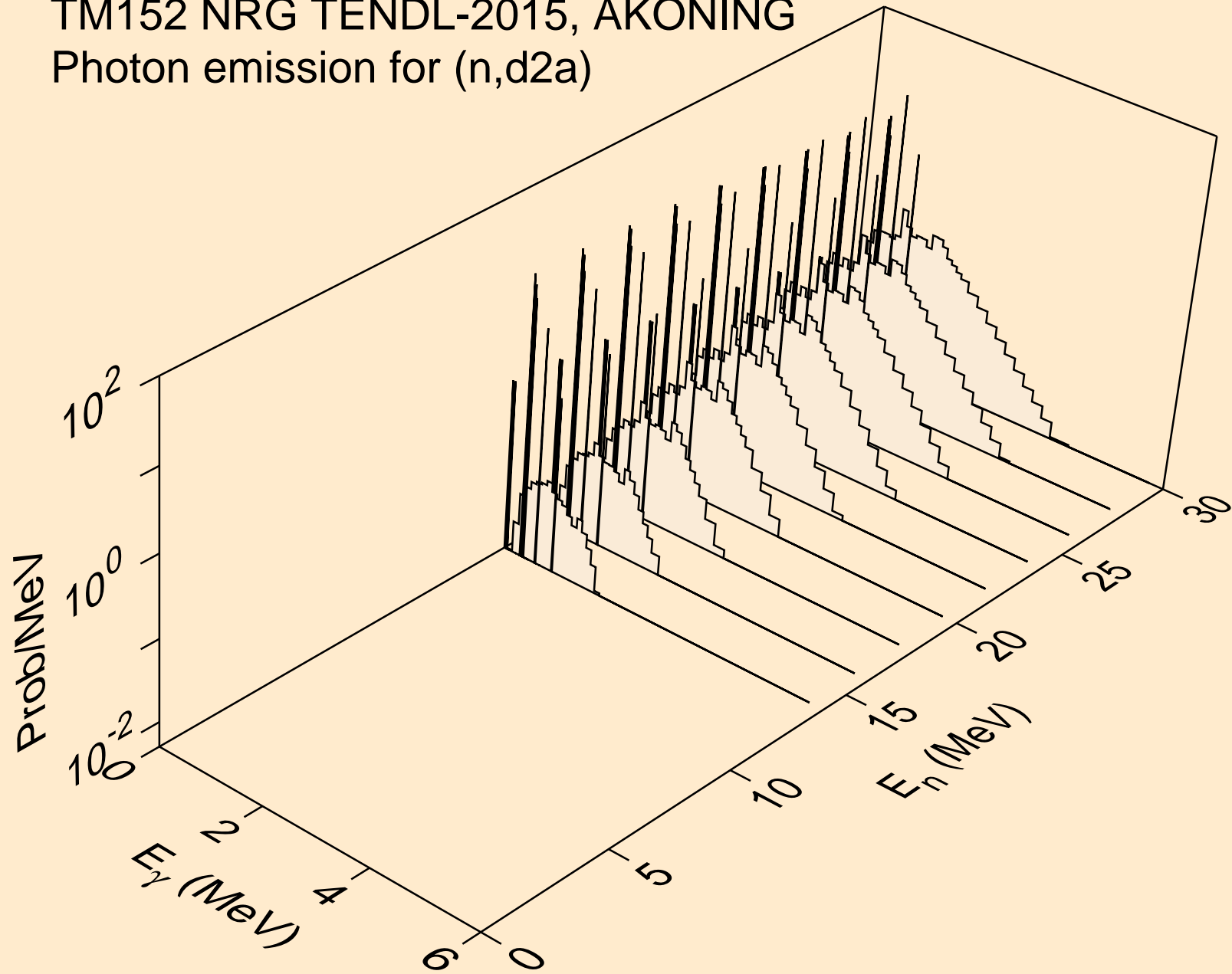
TM152 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



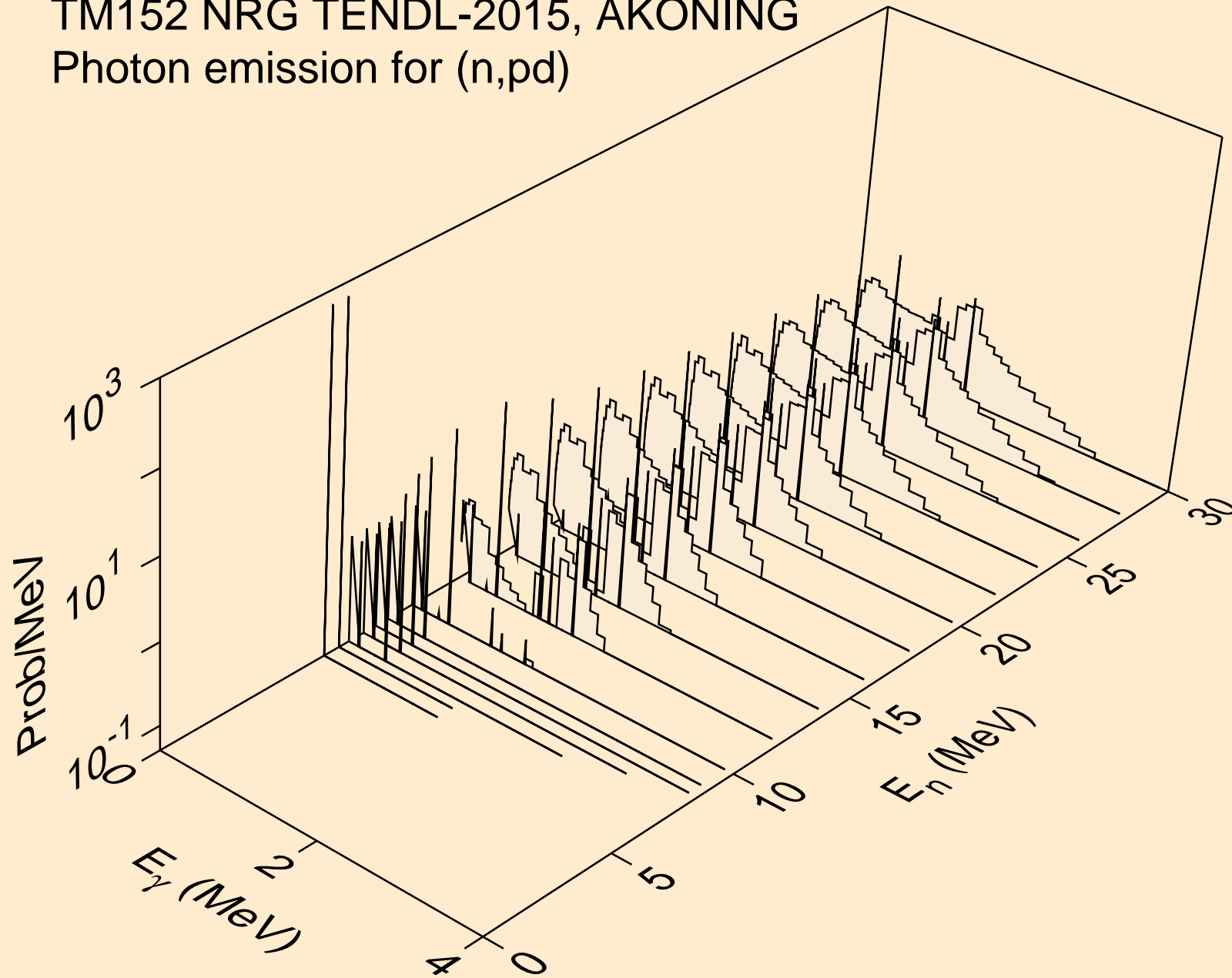
TM152 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



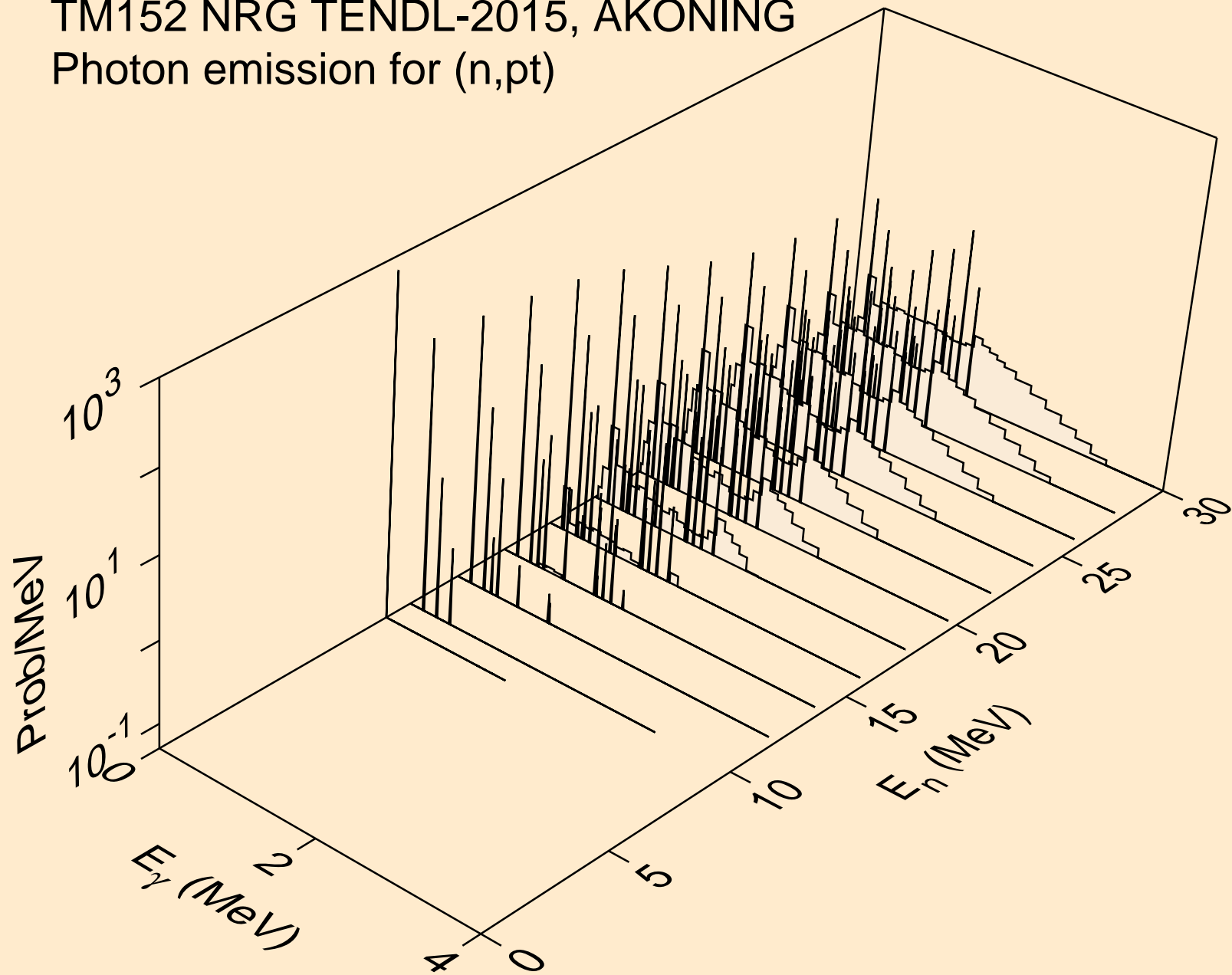
TM152 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)



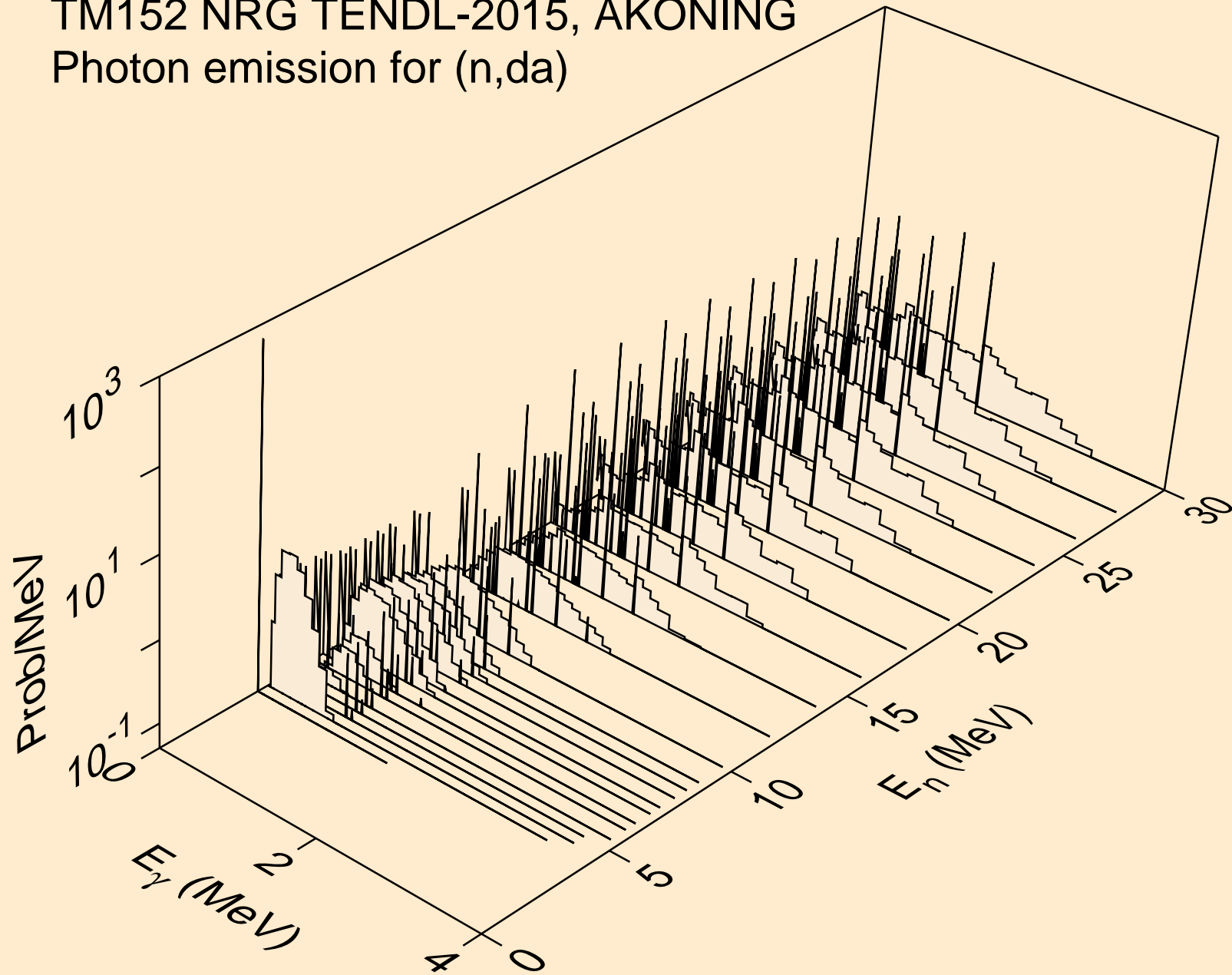
TM152 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



TM152 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)

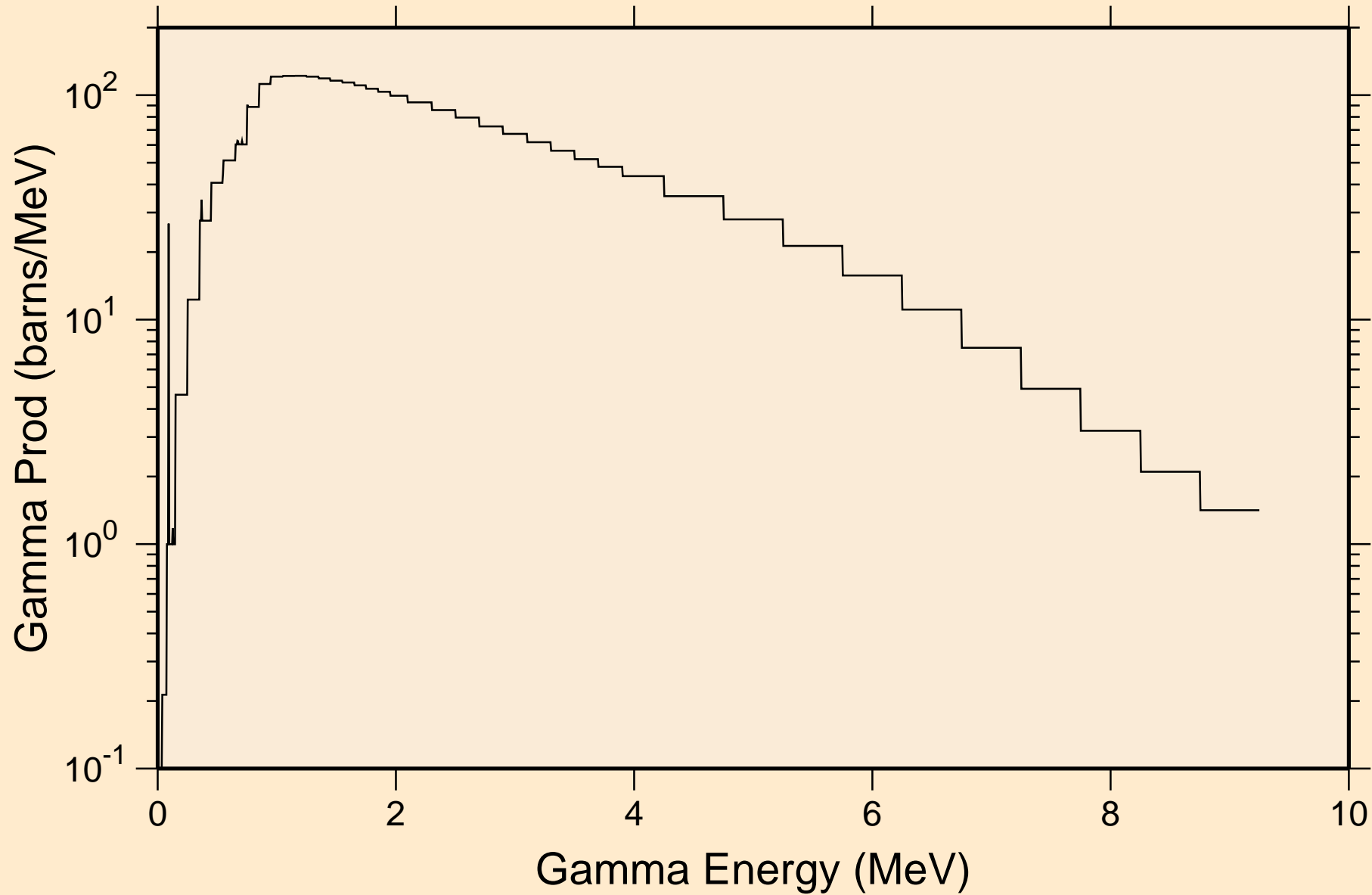


TM152 NRG TENDL-2015, AKONING  
Photon emission for (n,da)

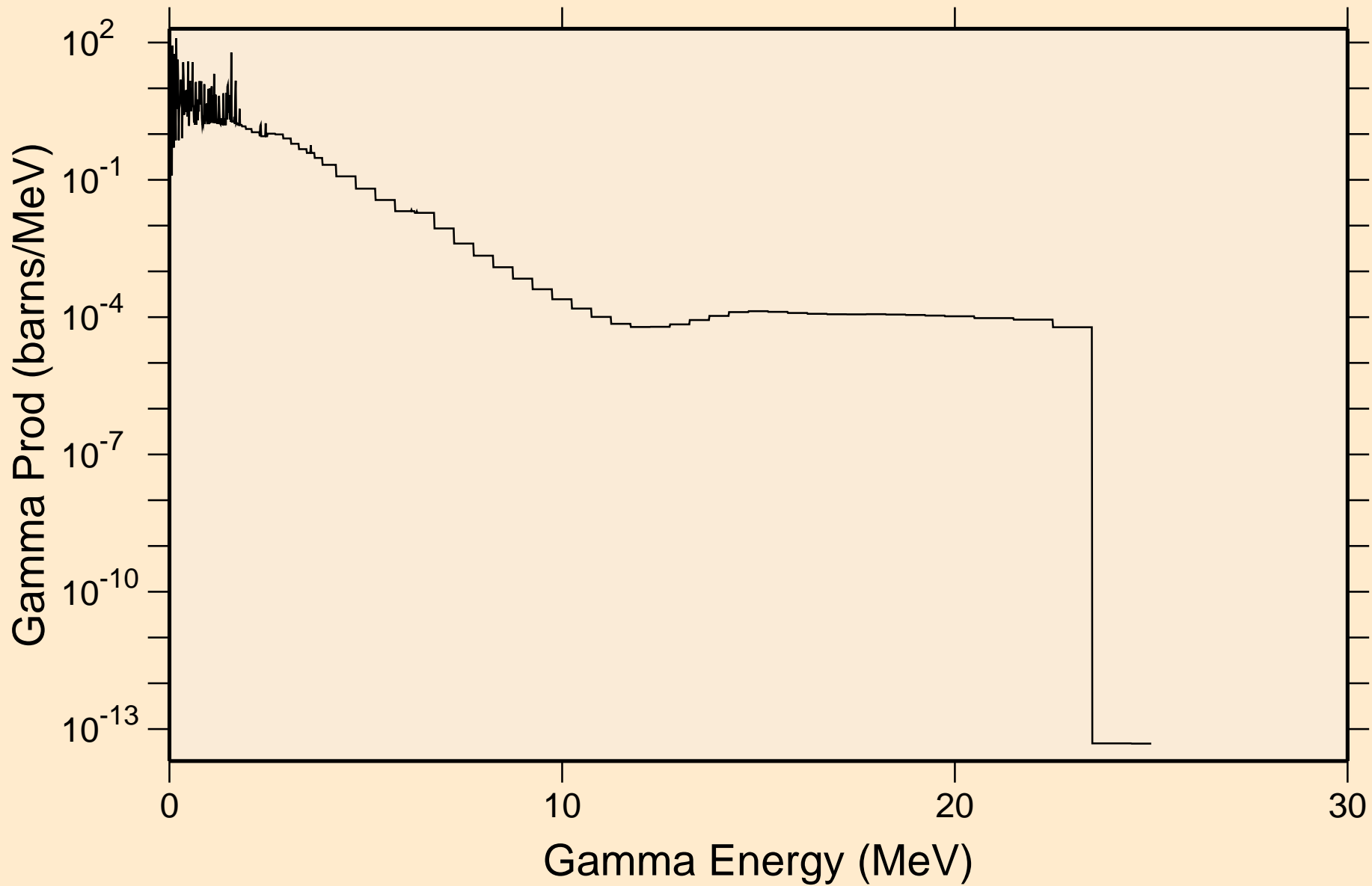




TM152 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

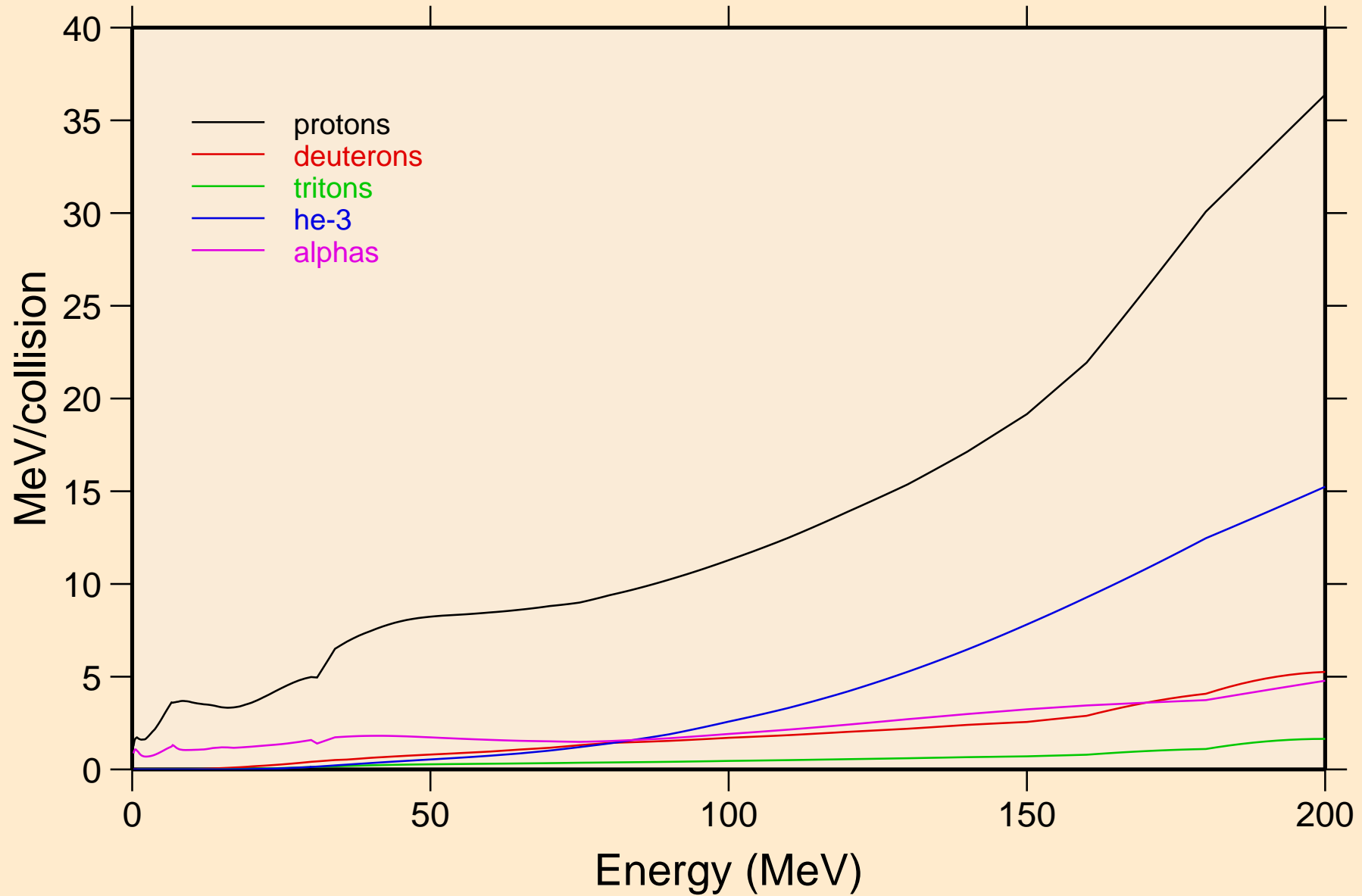


TM152 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



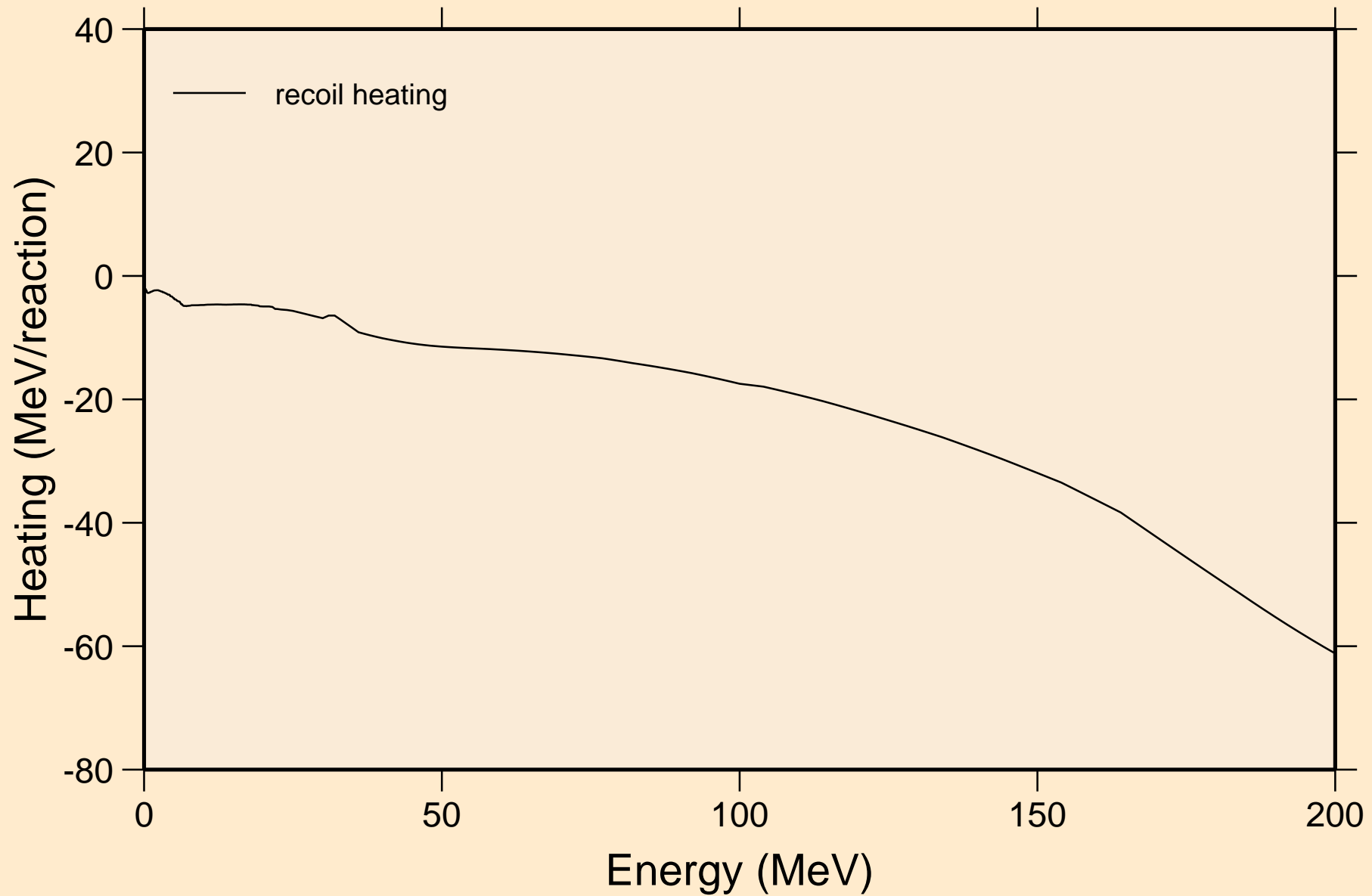
# TM152 NRG TENDL-2015, AKONING

## Particle heating contributions



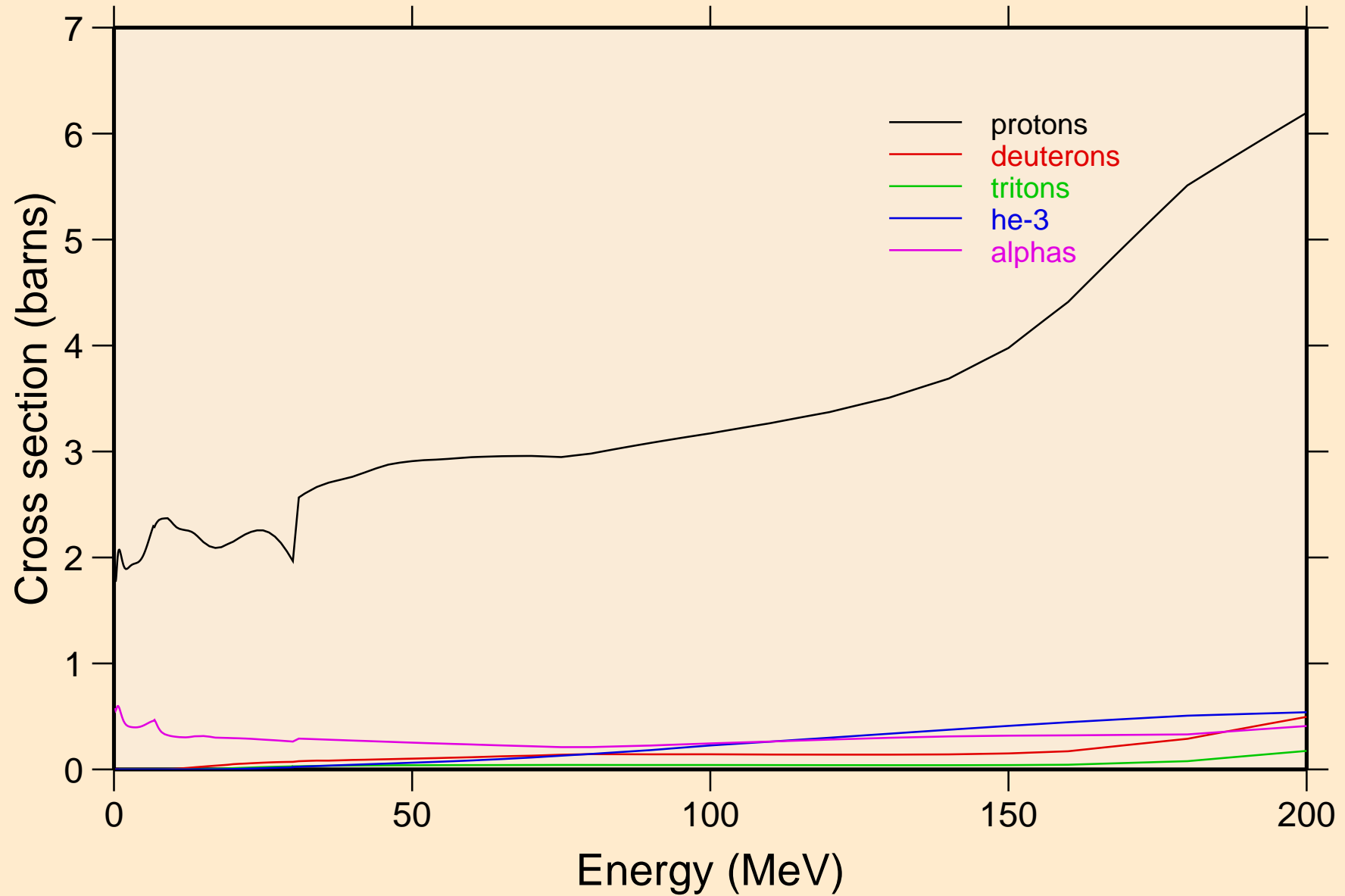
# TM152 NRG TENDL-2015, AKONING

## Recoil Heating

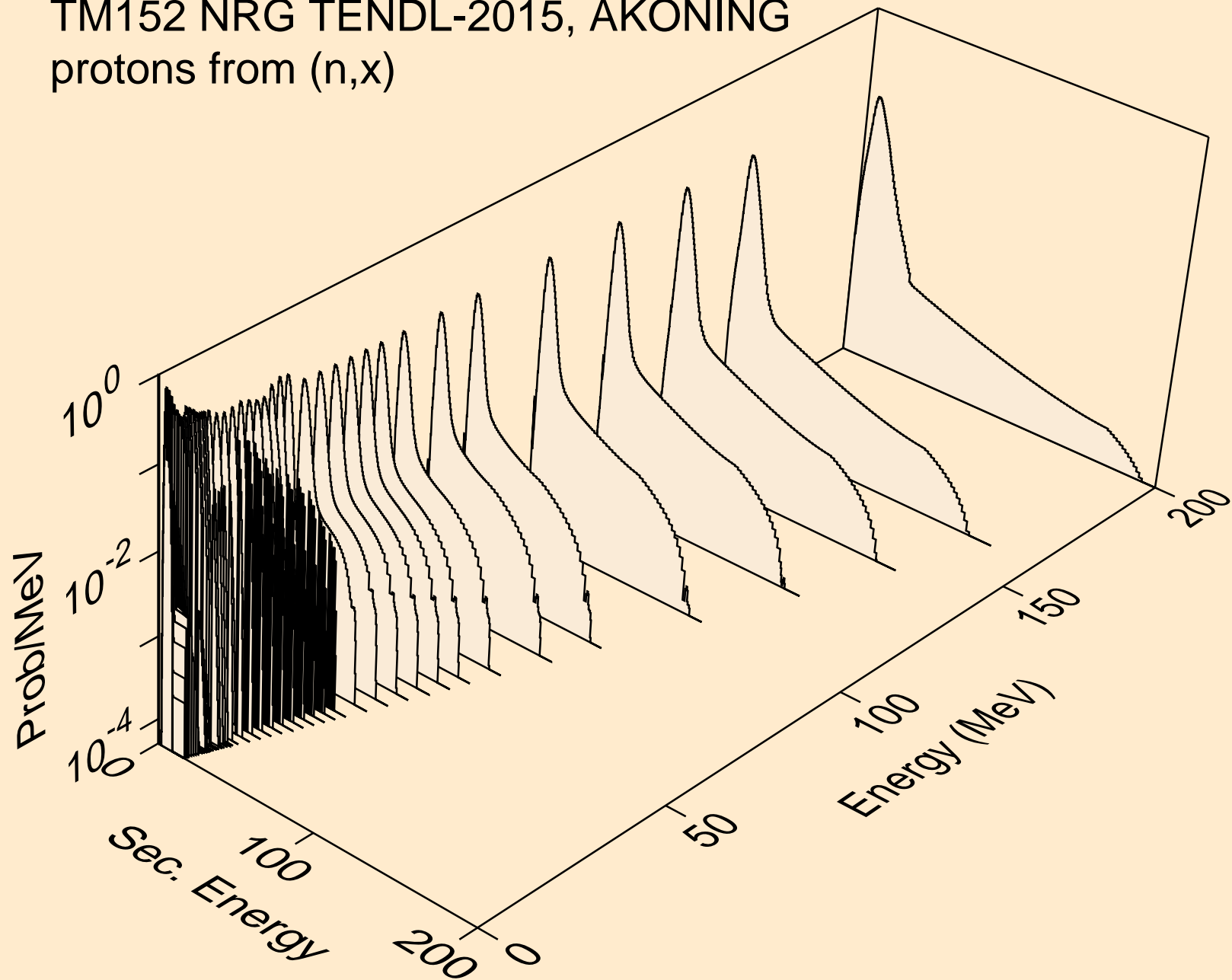


# TM152 NRG TENDL-2015, AKONING

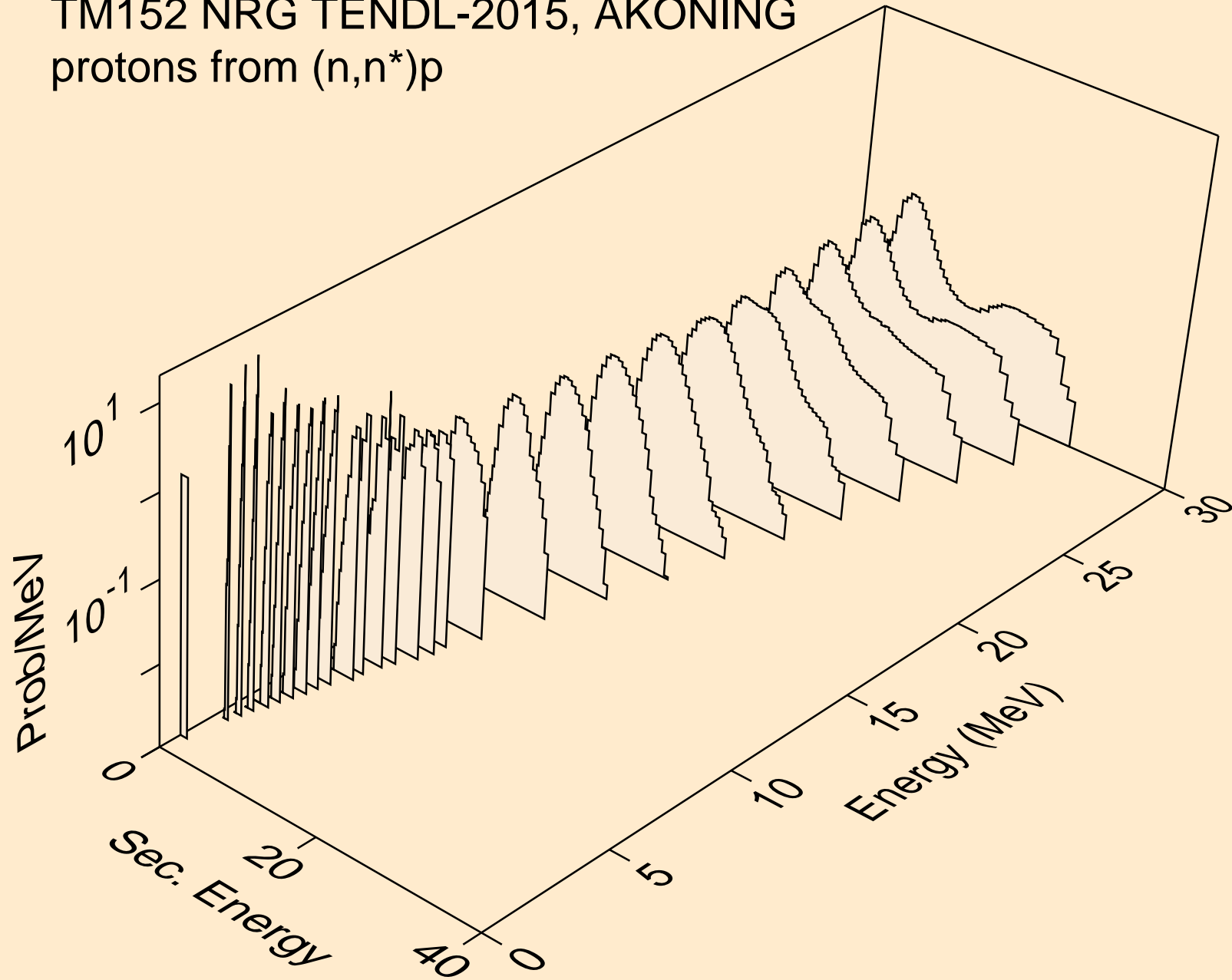
## Particle production cross sections



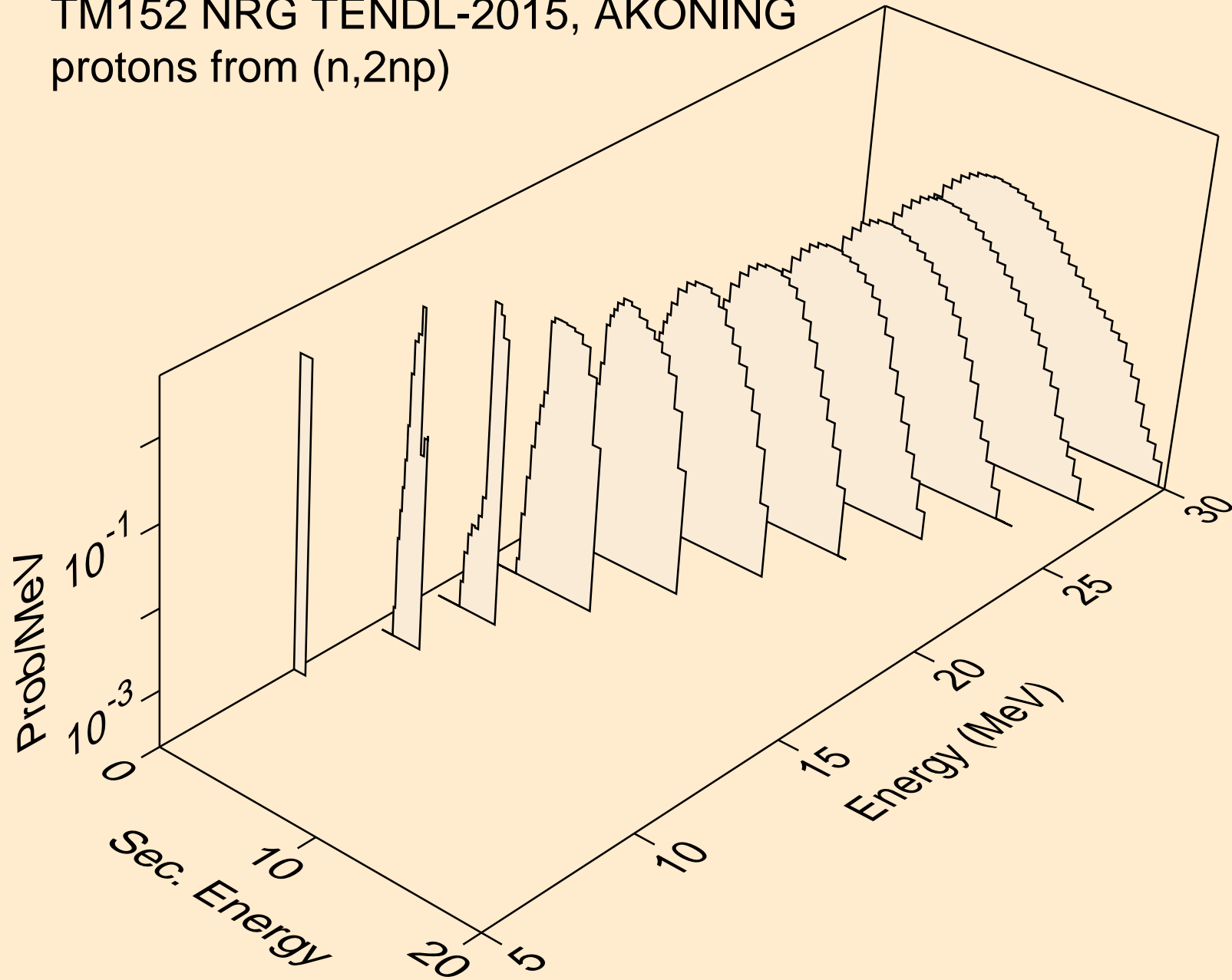
TM152 NRG TENDL-2015, AKONING  
protons from (n,x)



TM152 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

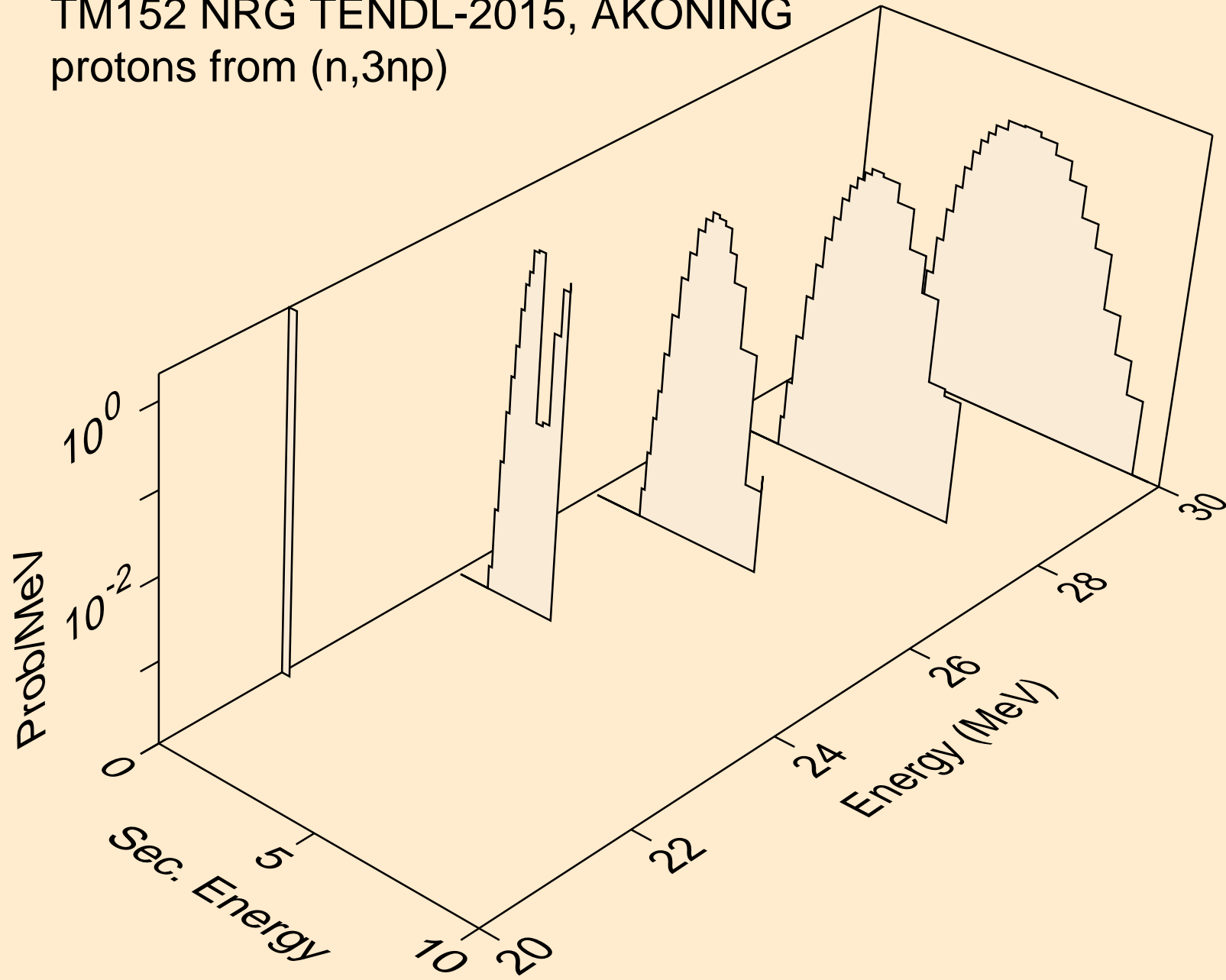


TM152 NRG TENDL-2015, AKONING  
protons from (n,2np)

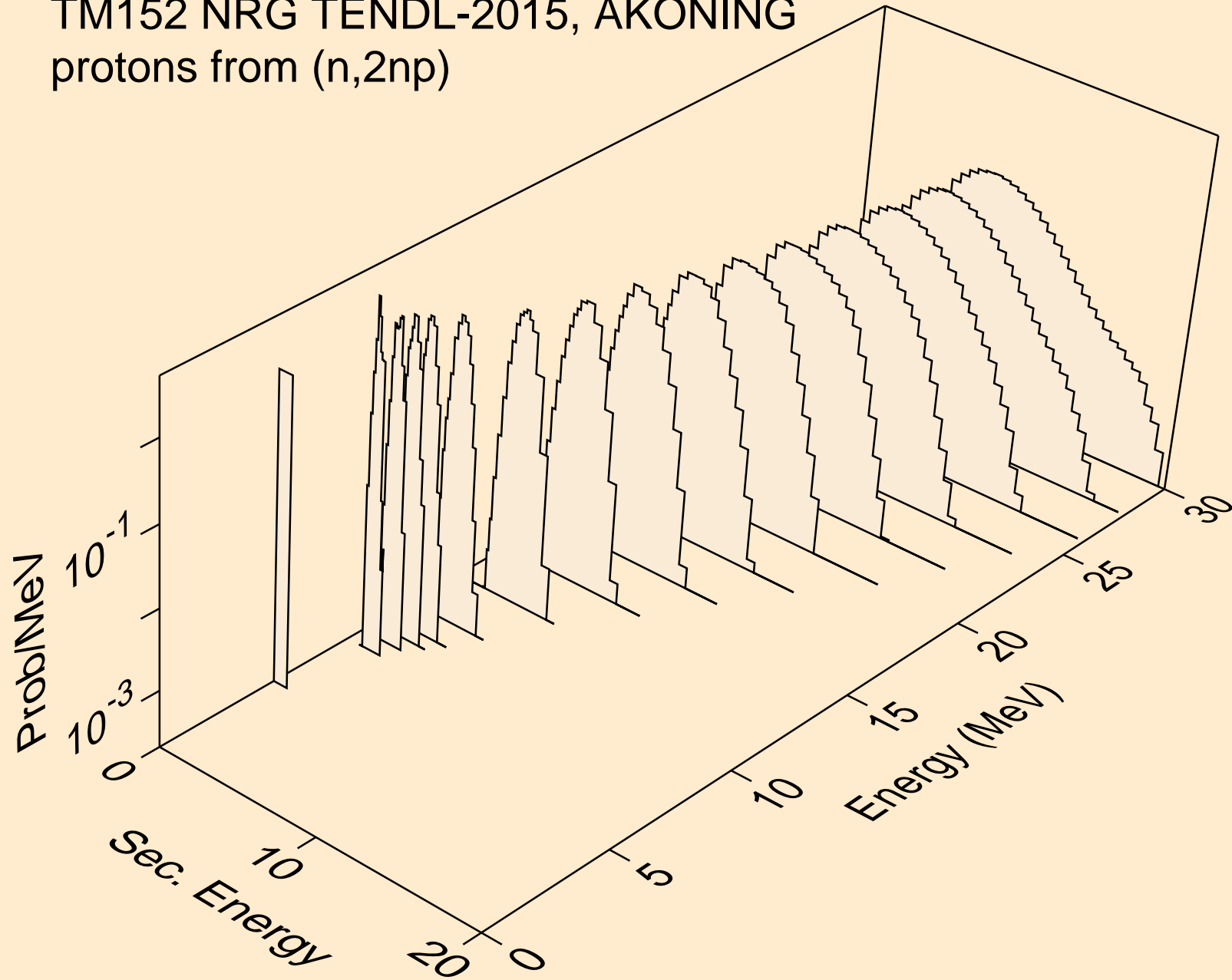




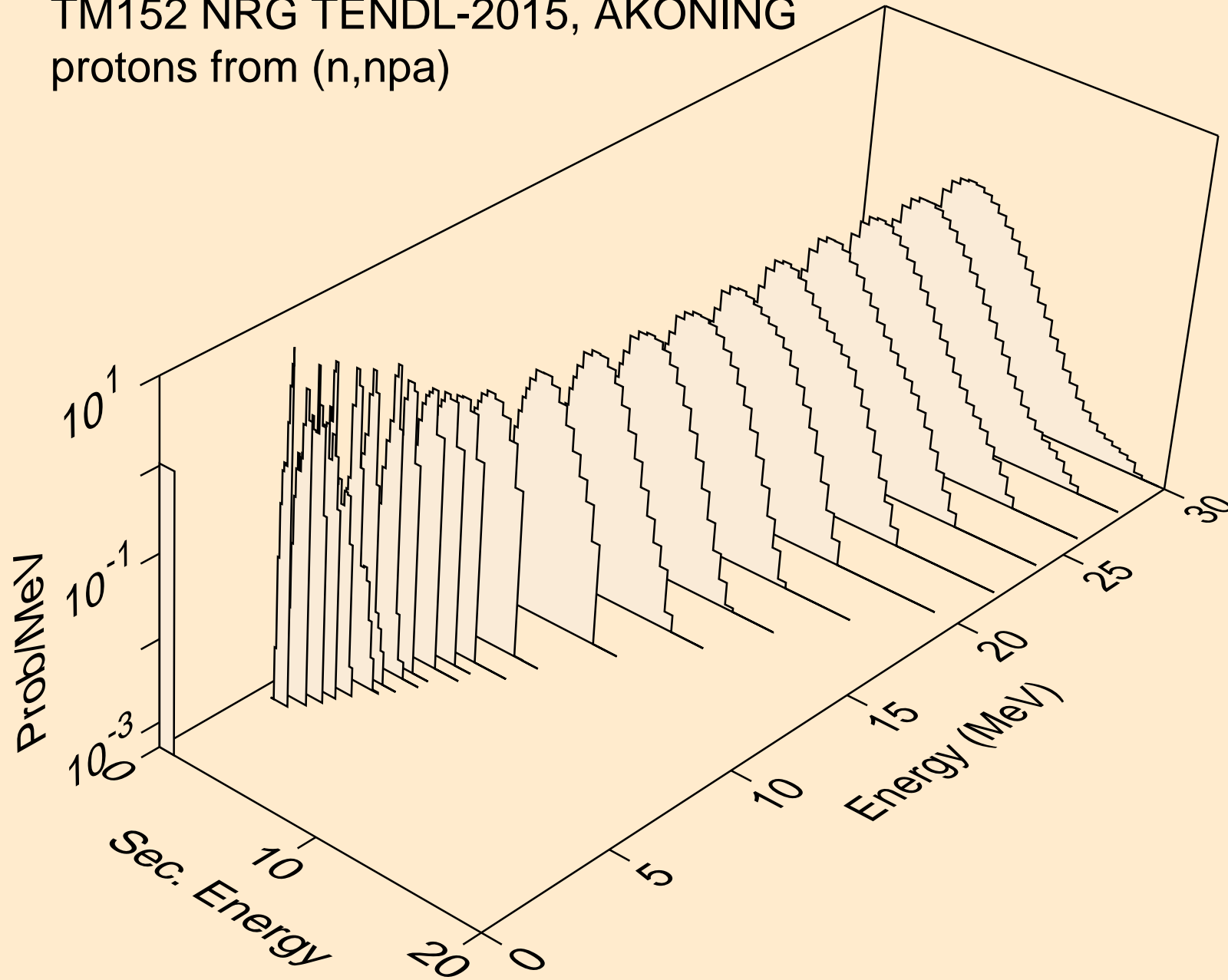
TM152 NRG TENDL-2015, AKONING  
protons from (n,3np)



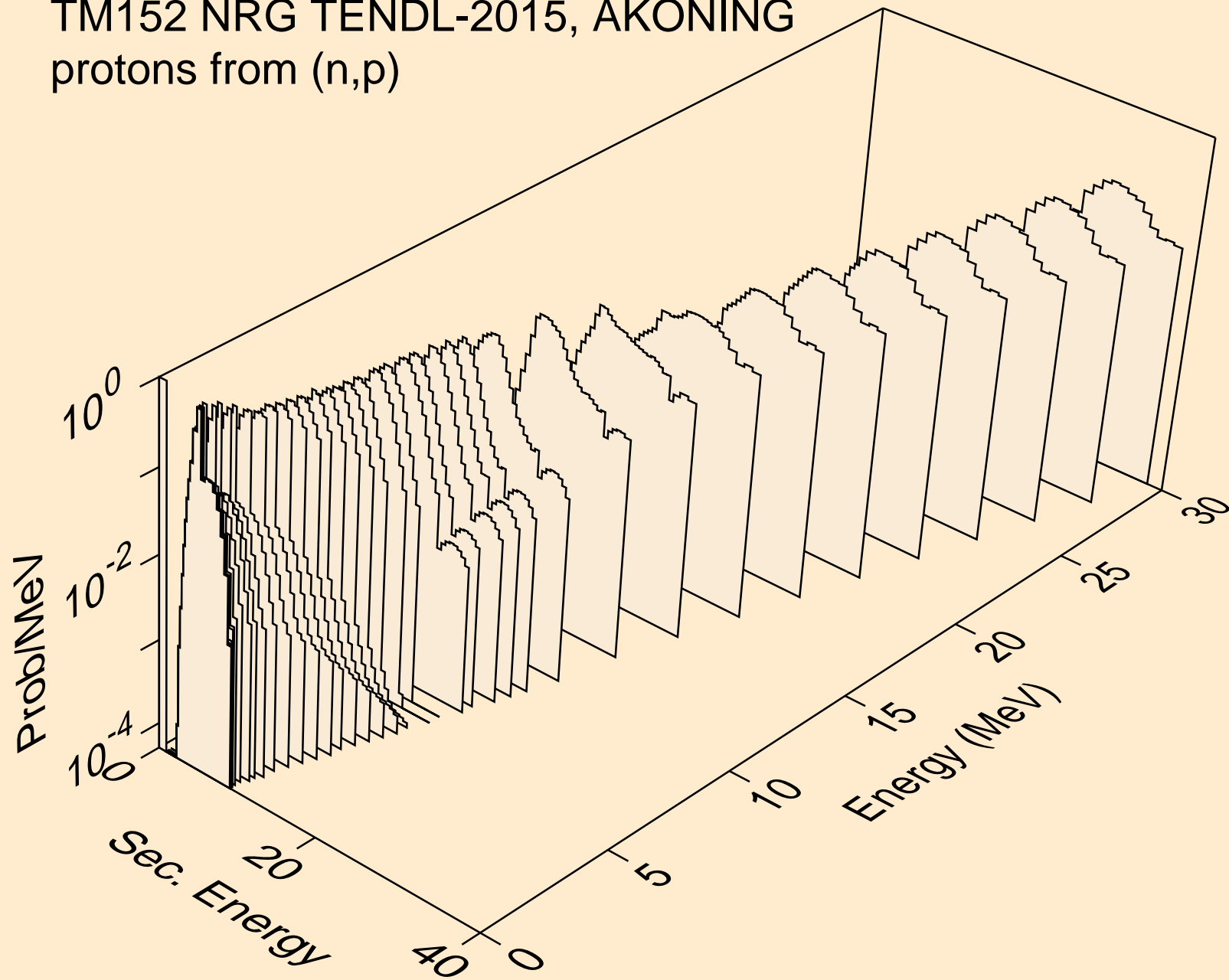
TM152 NRG TENDL-2015, AKONING  
protons from (n,2np)



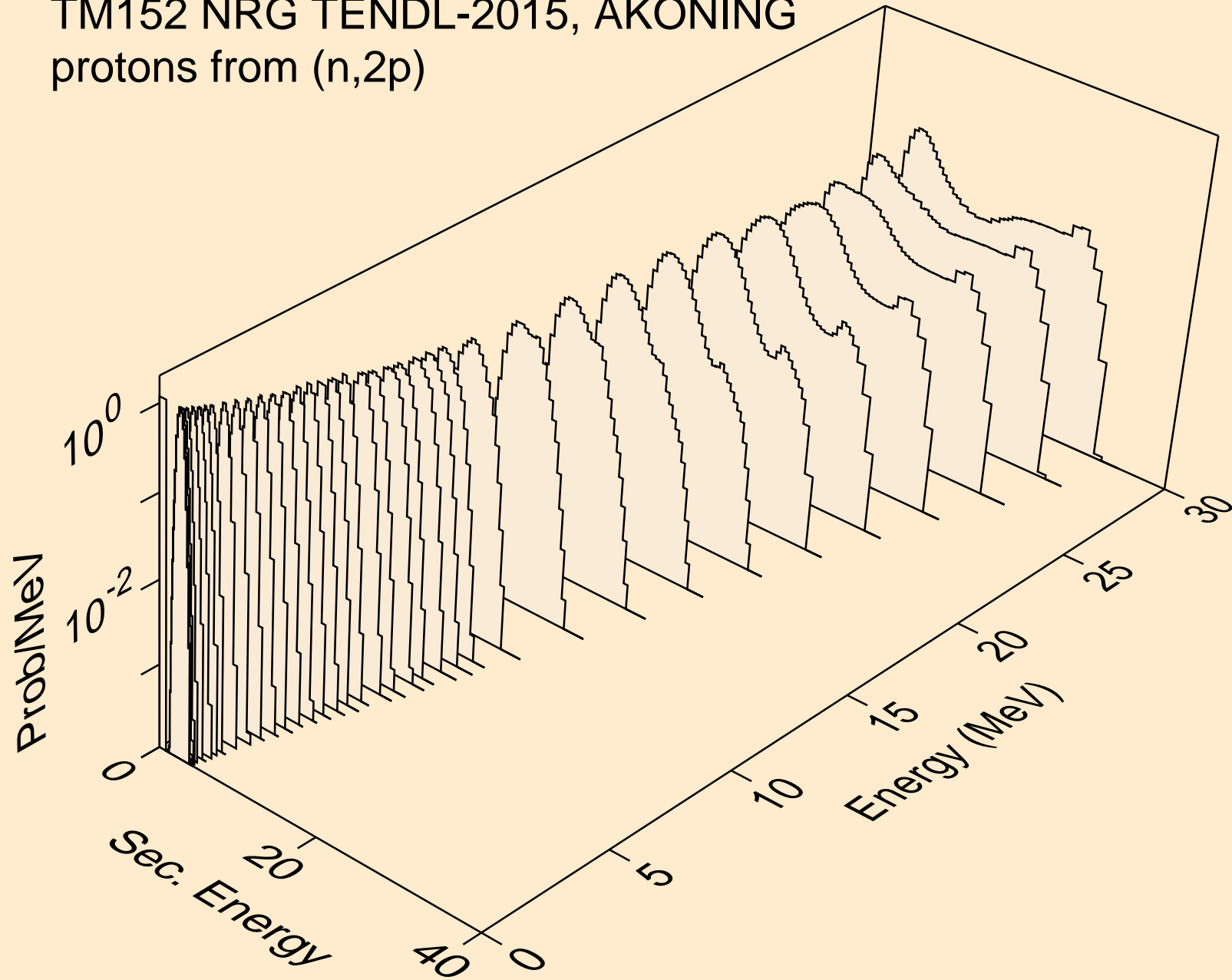
TM152 NRG TENDL-2015, AKONING  
protons from (n,npa)



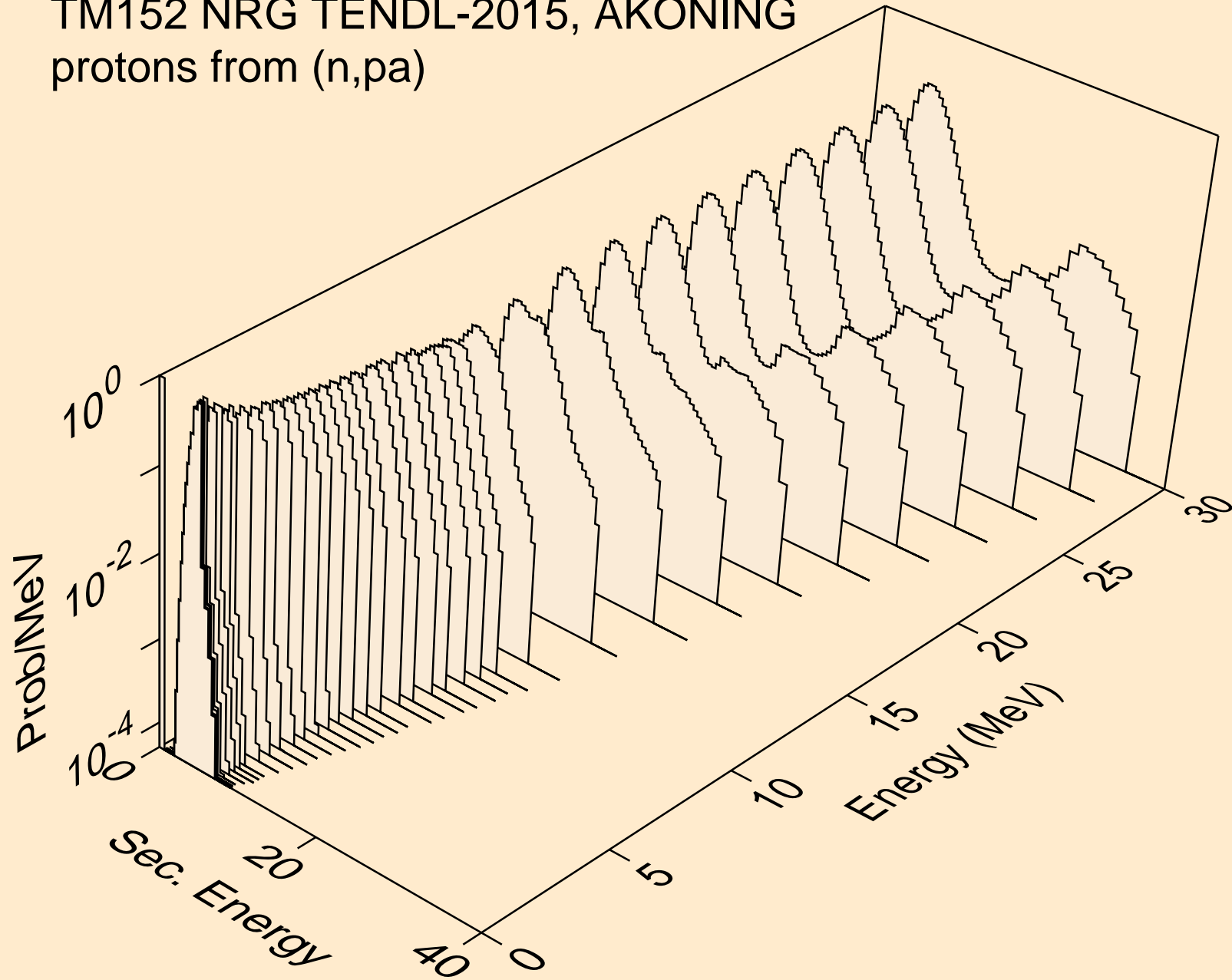
TM152 NRG TENDL-2015, AKONING  
protons from (n,p)



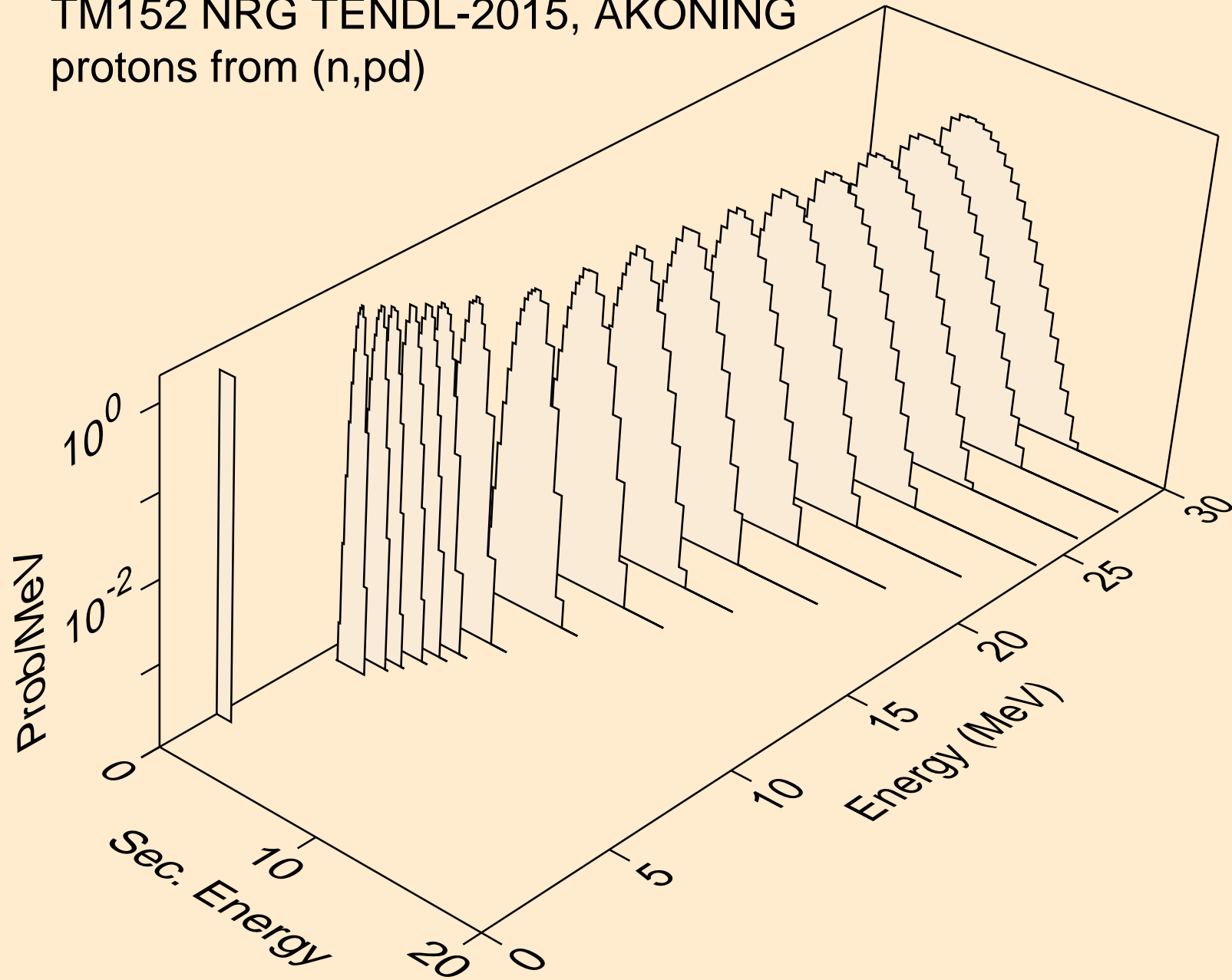
TM152 NRG TENDL-2015, AKONING  
protons from (n,2p)



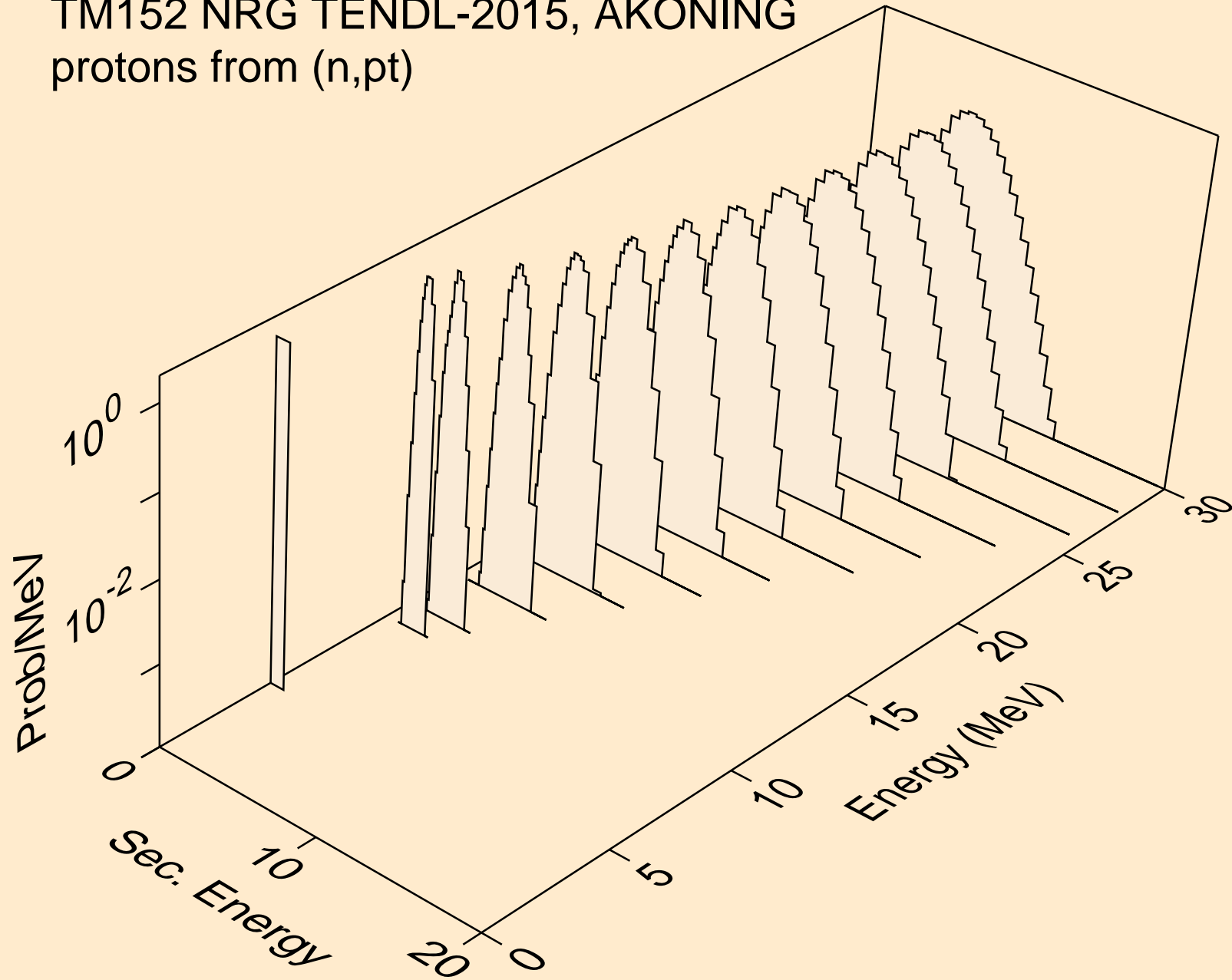
TM152 NRG TENDL-2015, AKONING  
protons from (n,pa)



TM152 NRG TENDL-2015, AKONING  
protons from (n,pd)

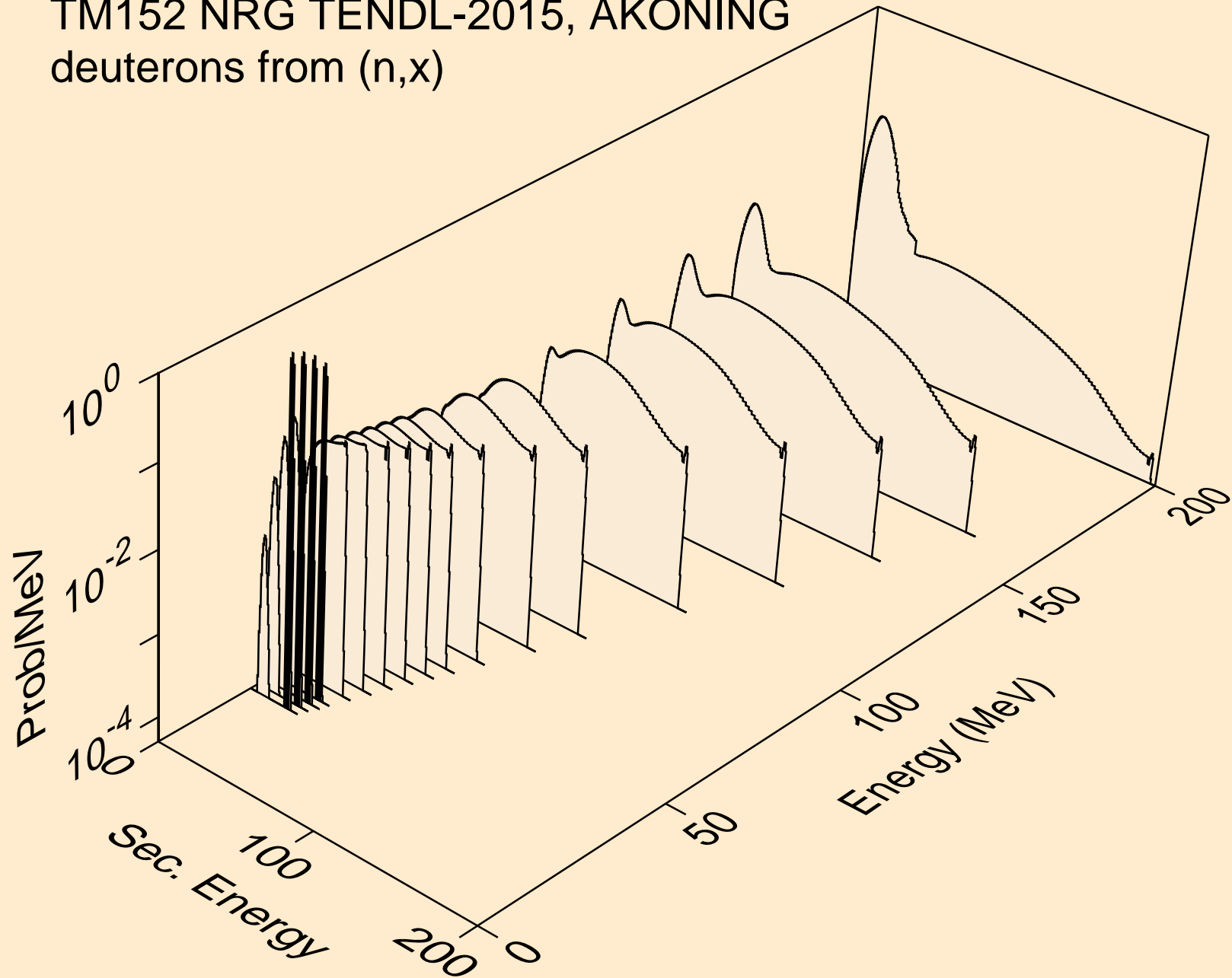


TM152 NRG TENDL-2015, AKONING  
protons from (n,pt)

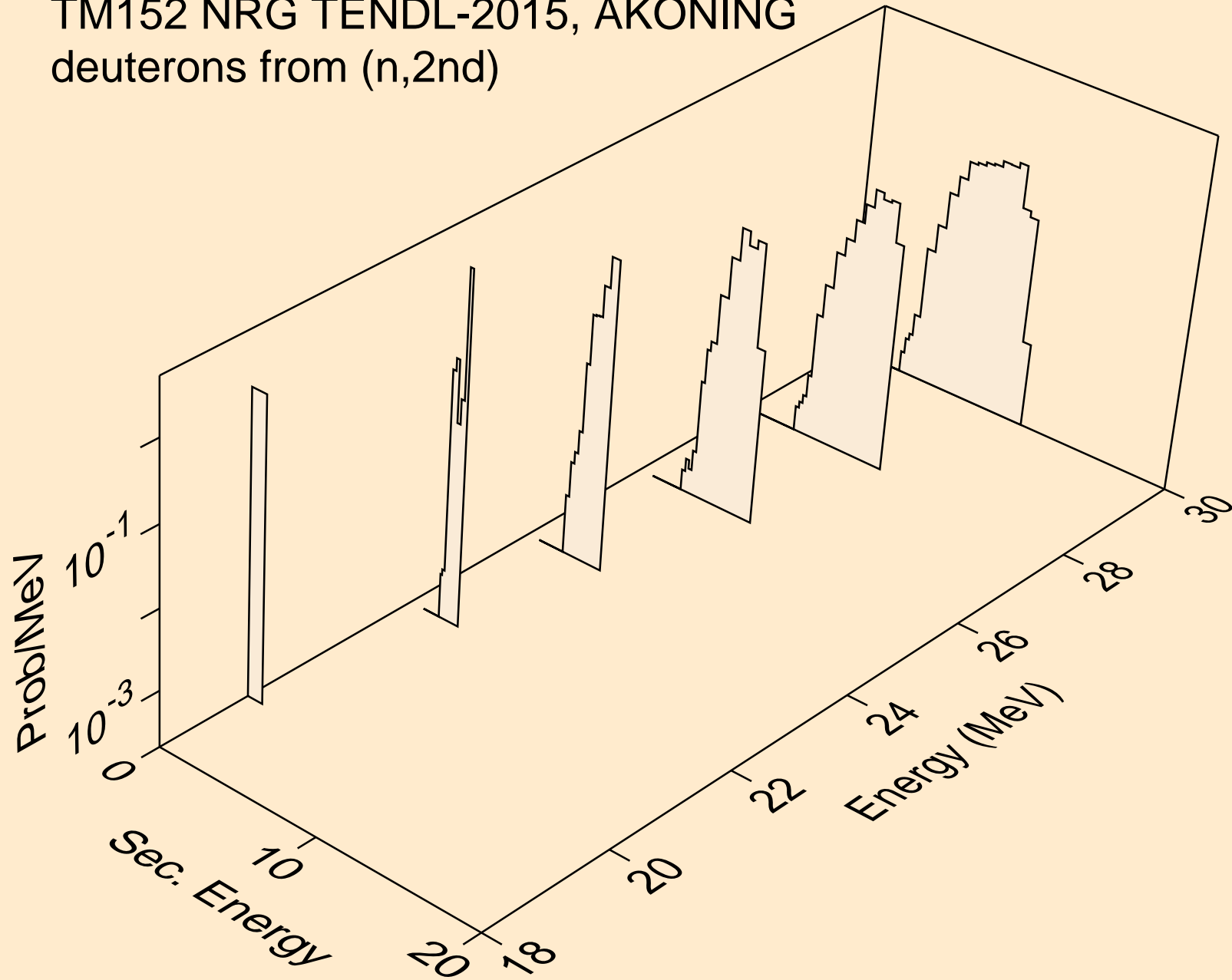




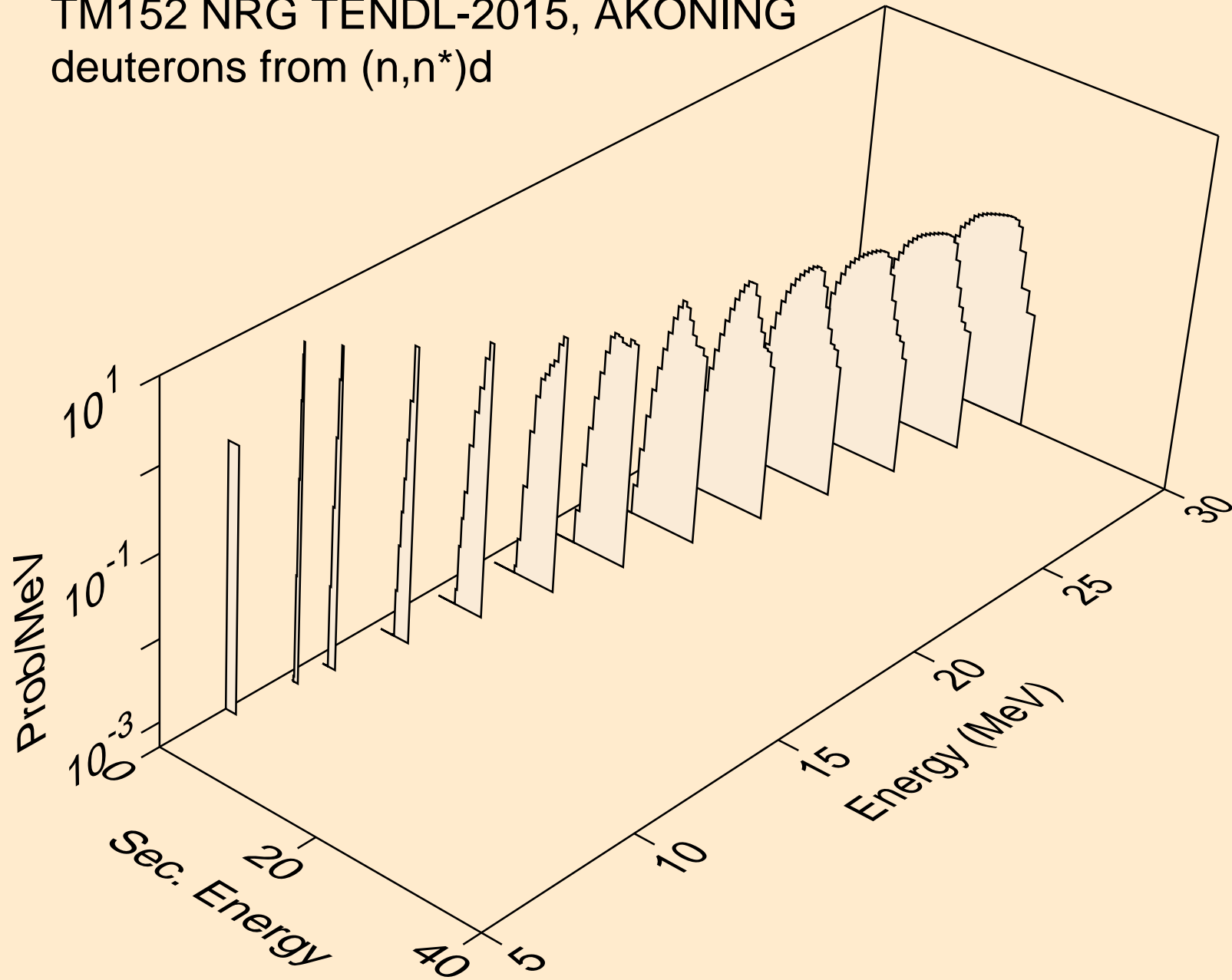
TM152 NRG TENDL-2015, AKONING  
deuterons from (n,x)



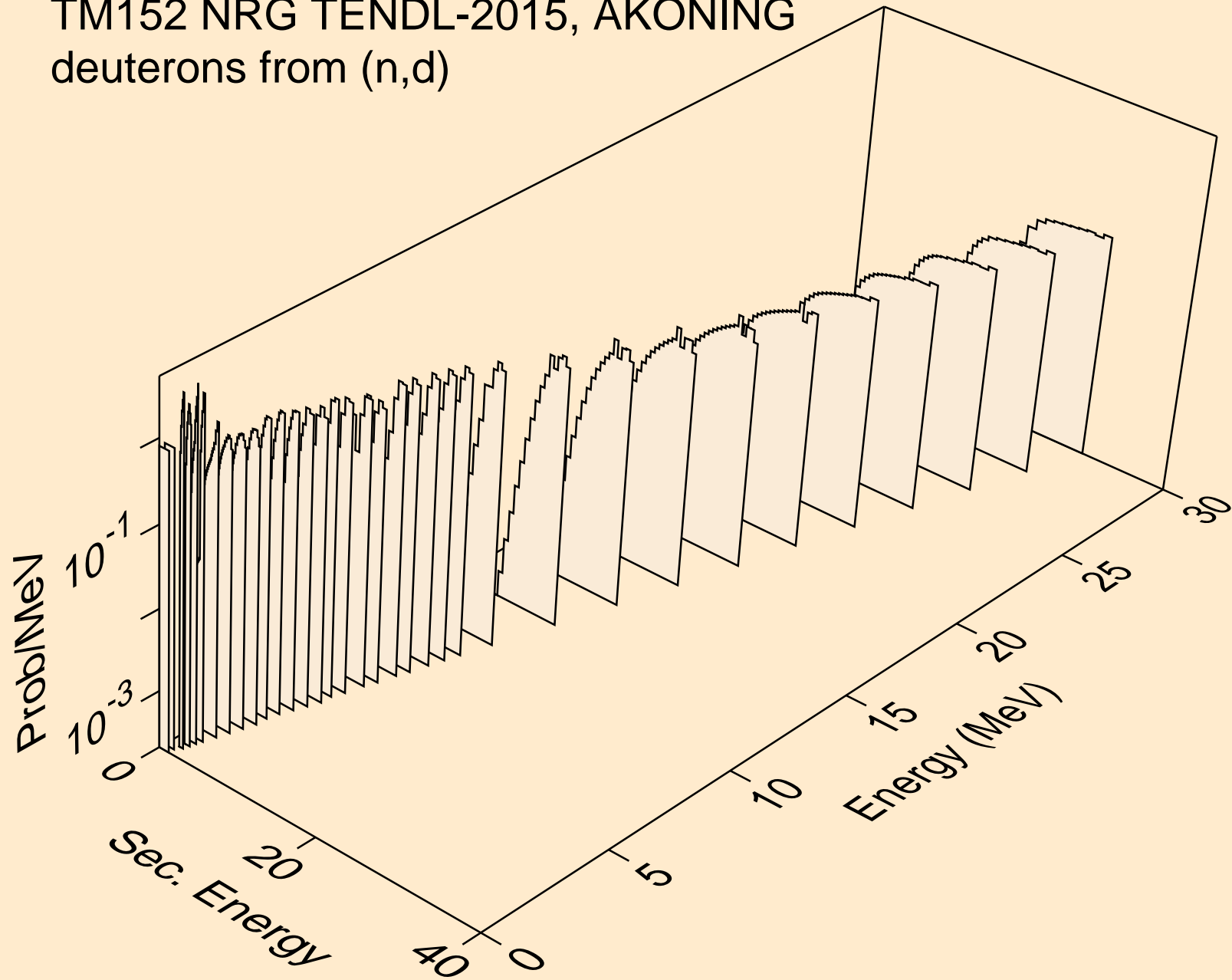
TM152 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



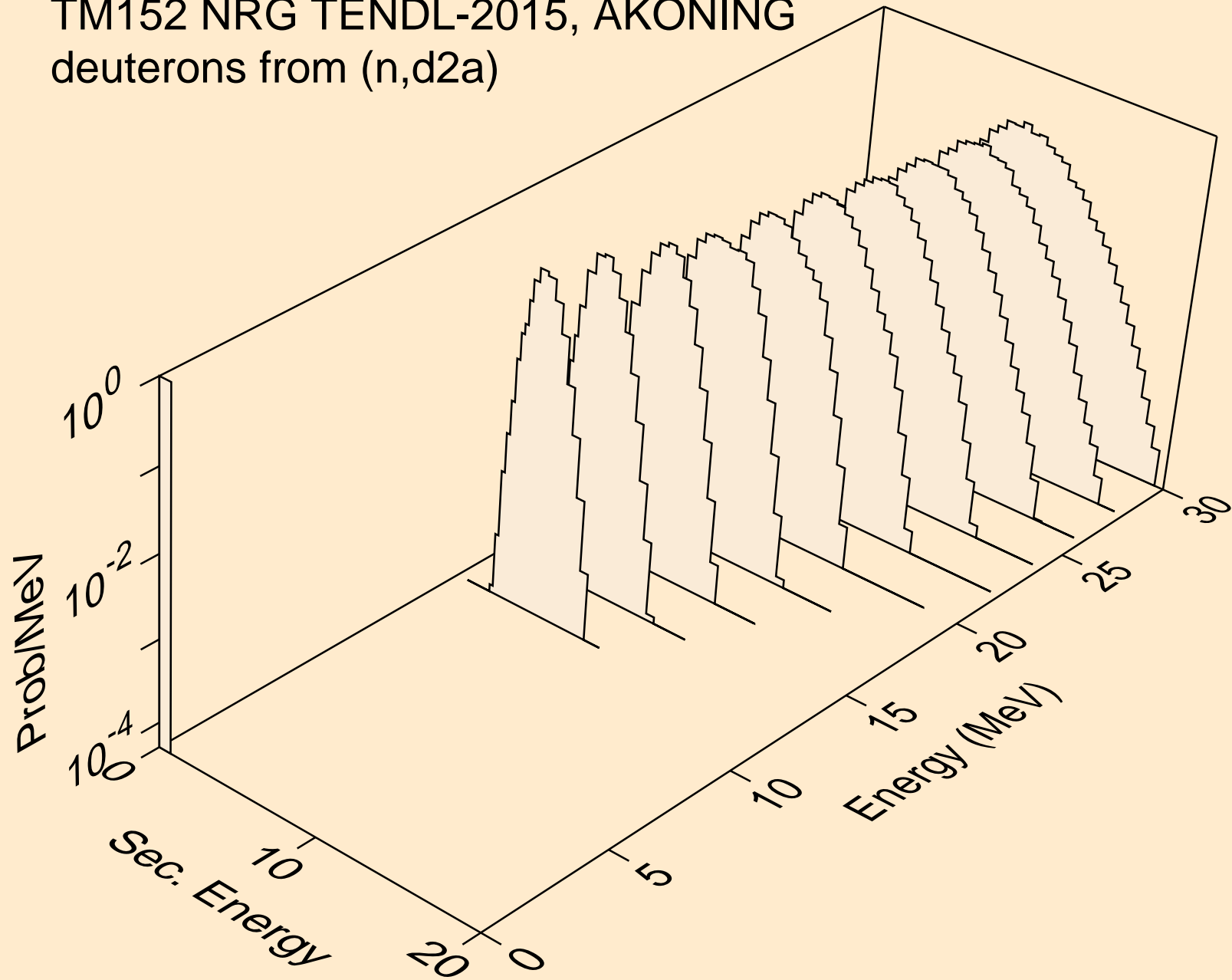
TM152 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



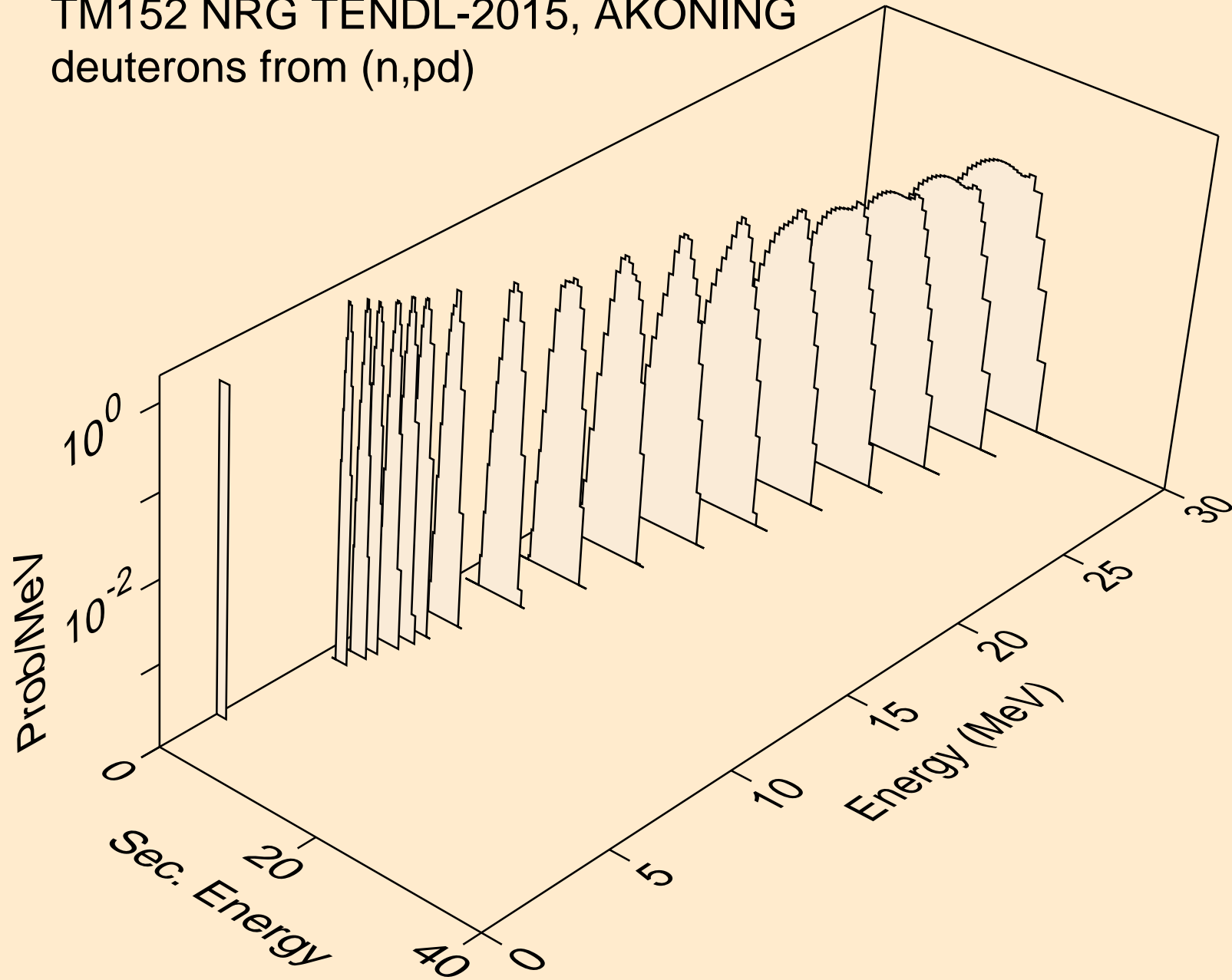
TM152 NRG TENDL-2015, AKONING  
deuterons from (n,d)



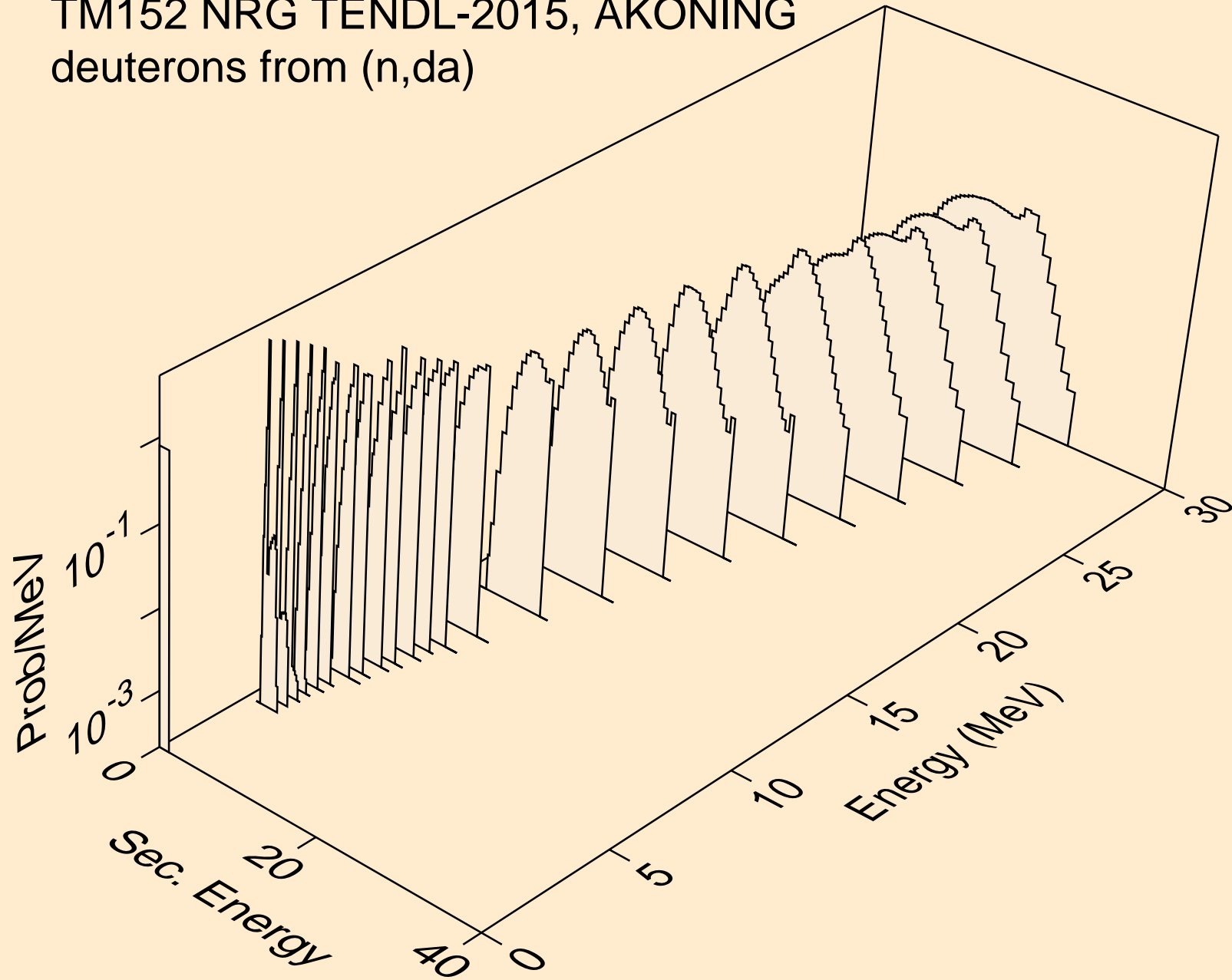
TM152 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)



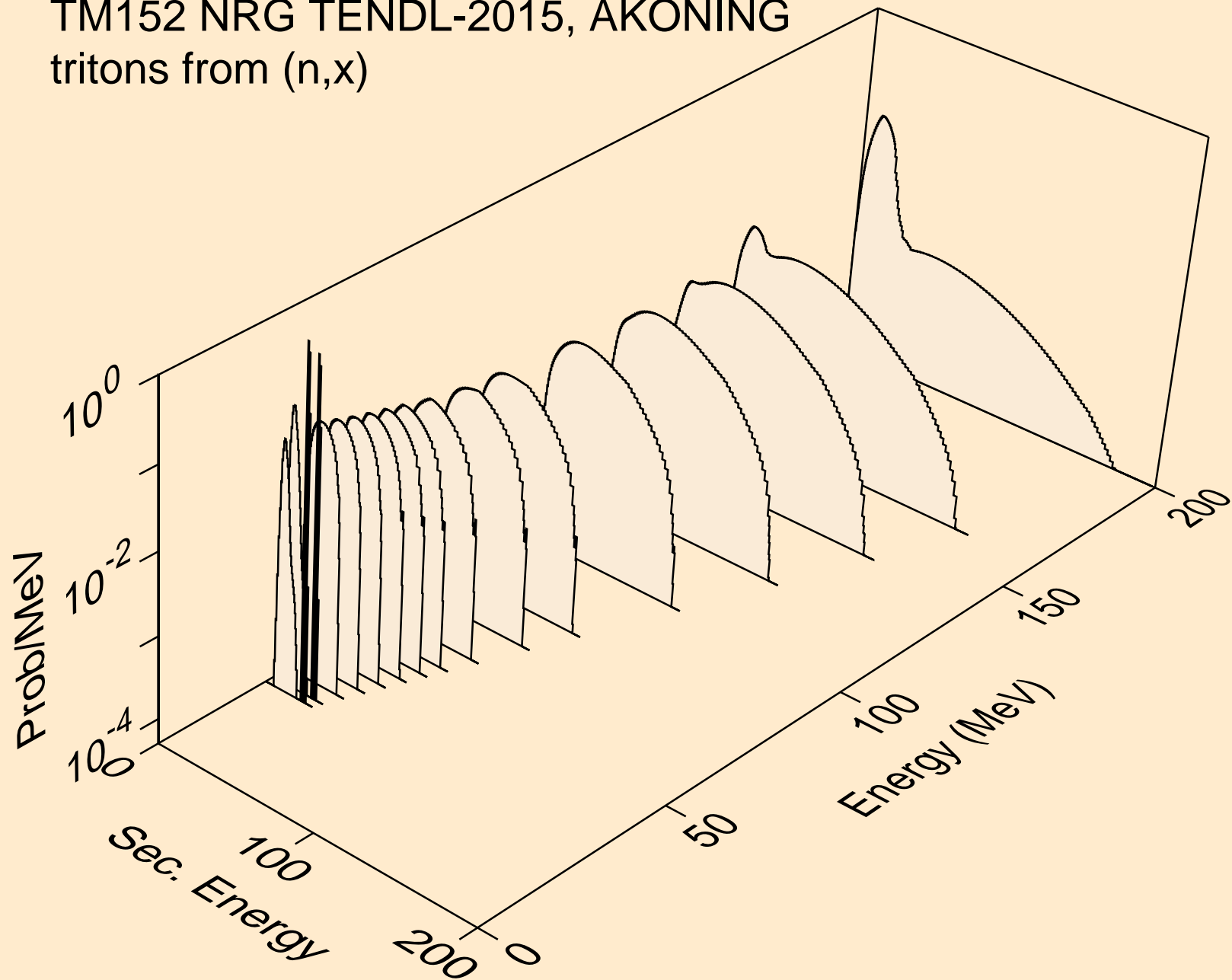
TM152 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



TM152 NRG TENDL-2015, AKONING  
deuterons from (n,da)

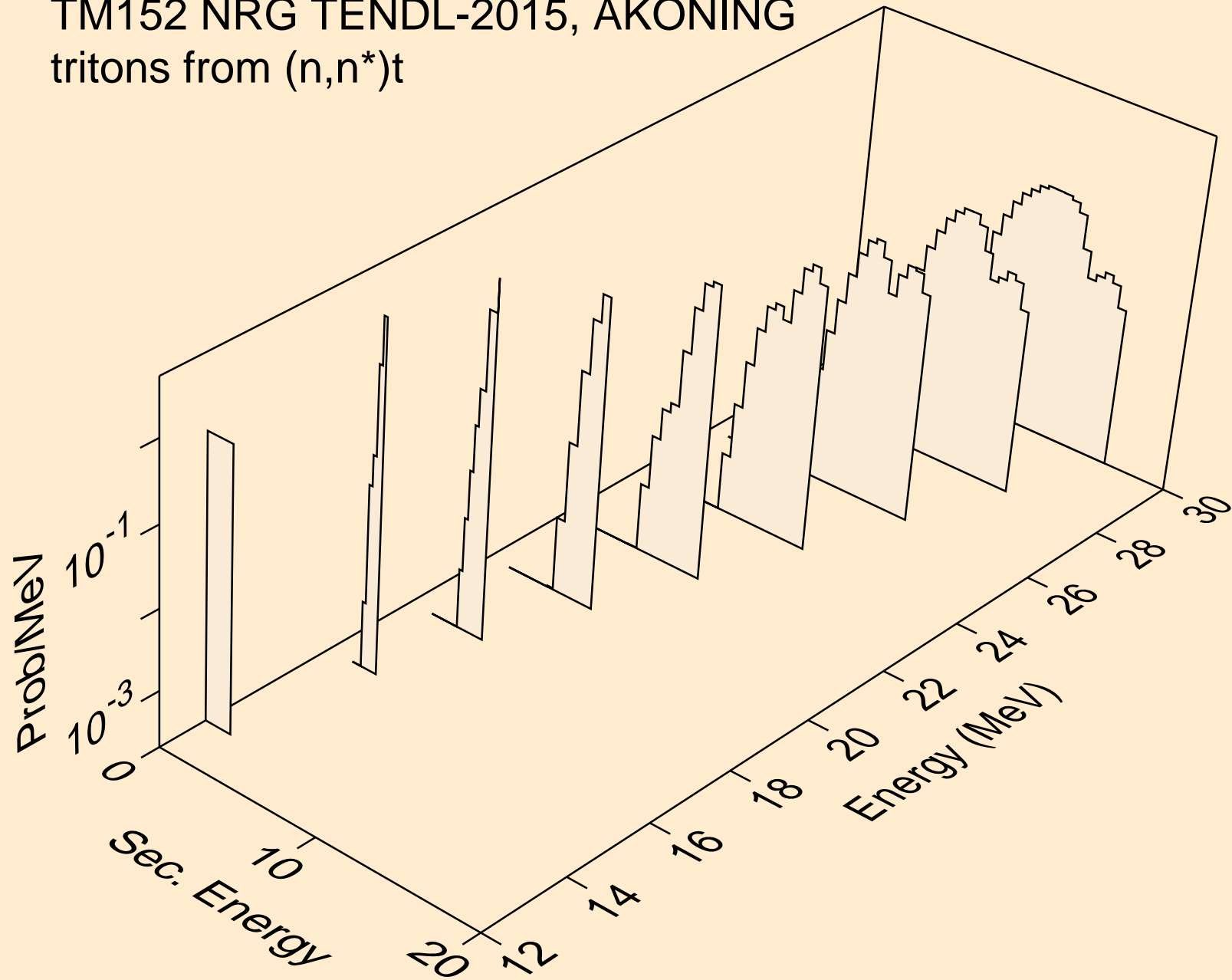


TM152 NRG TENDL-2015, AKONING  
tritons from (n,x)

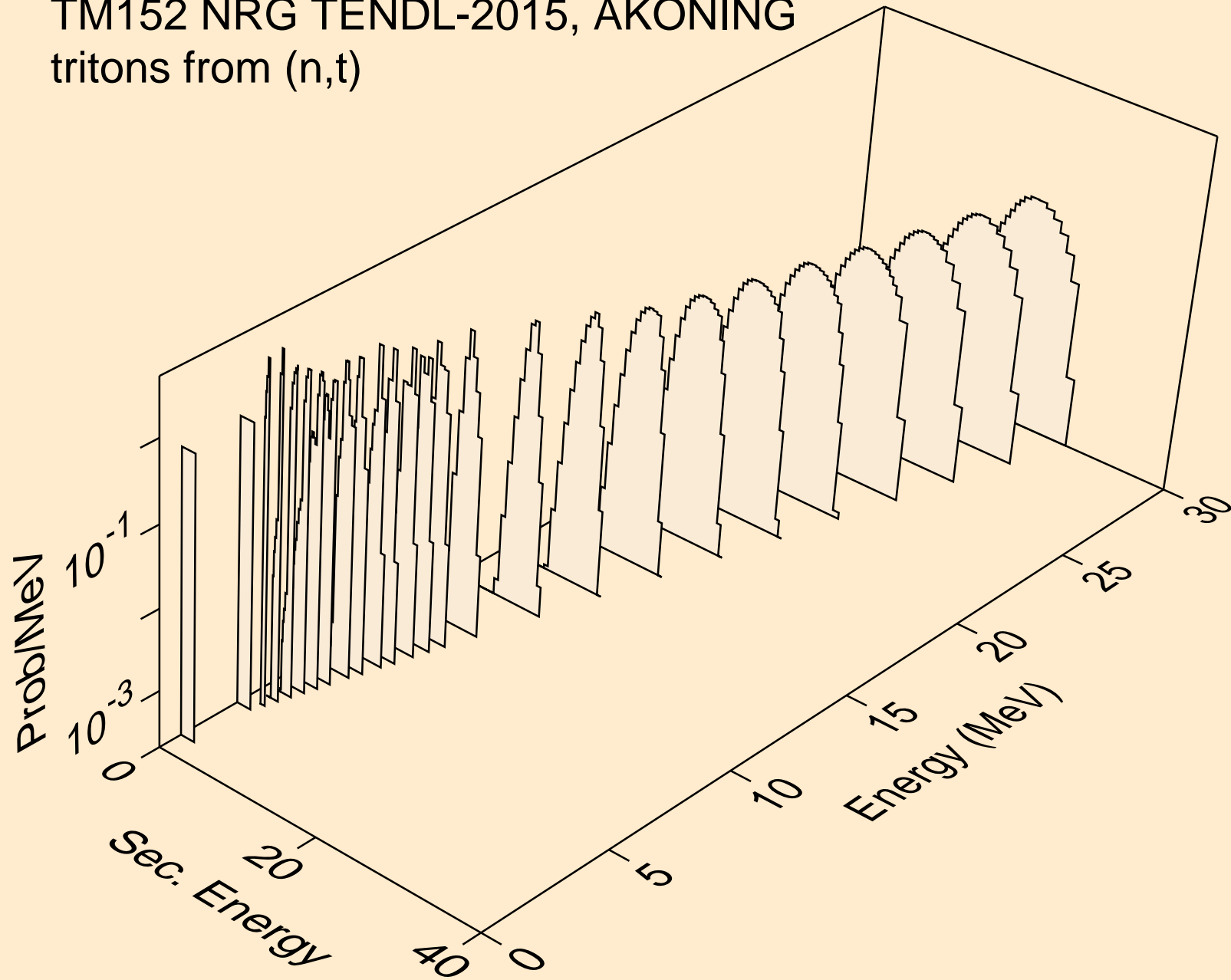




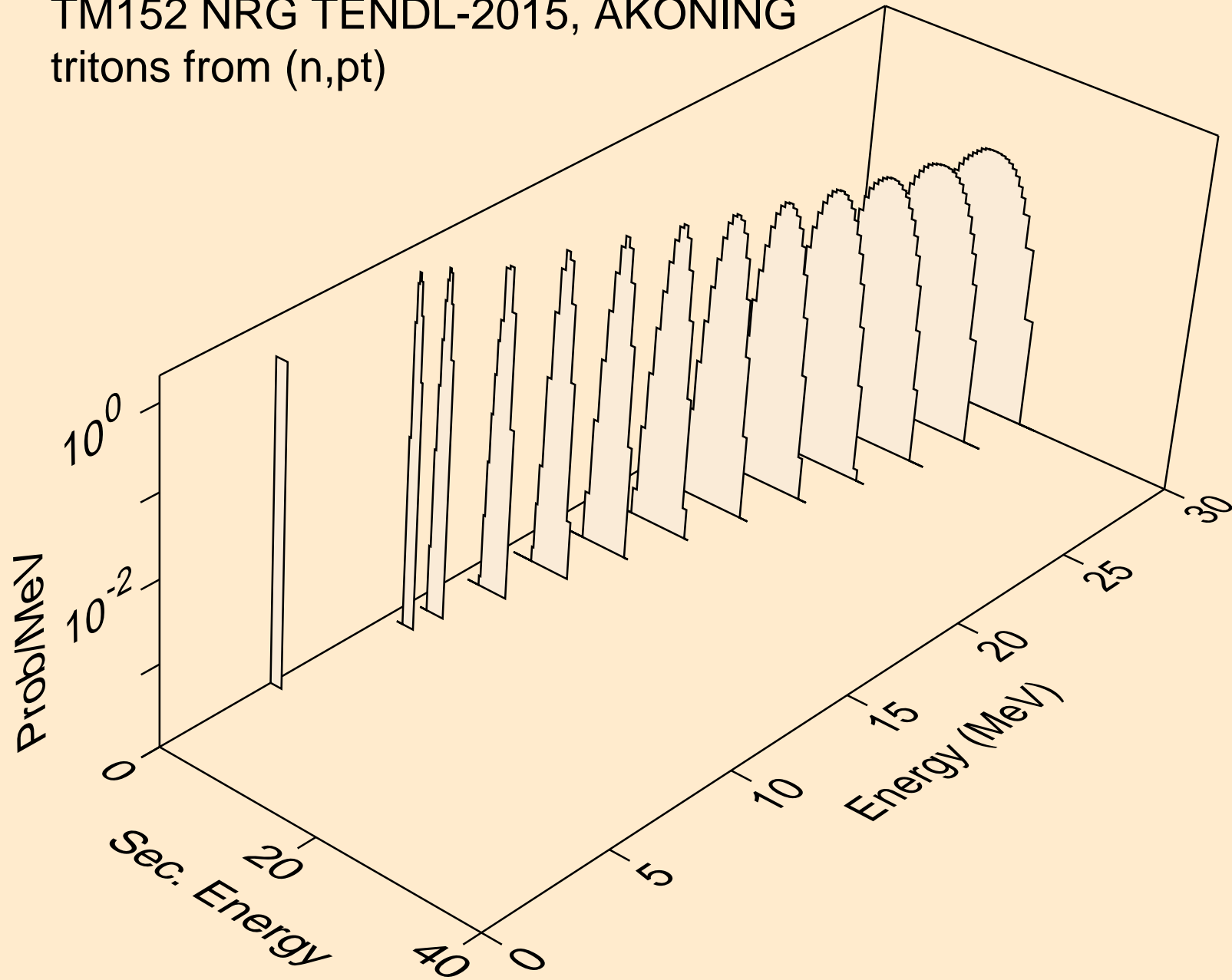
TM152 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



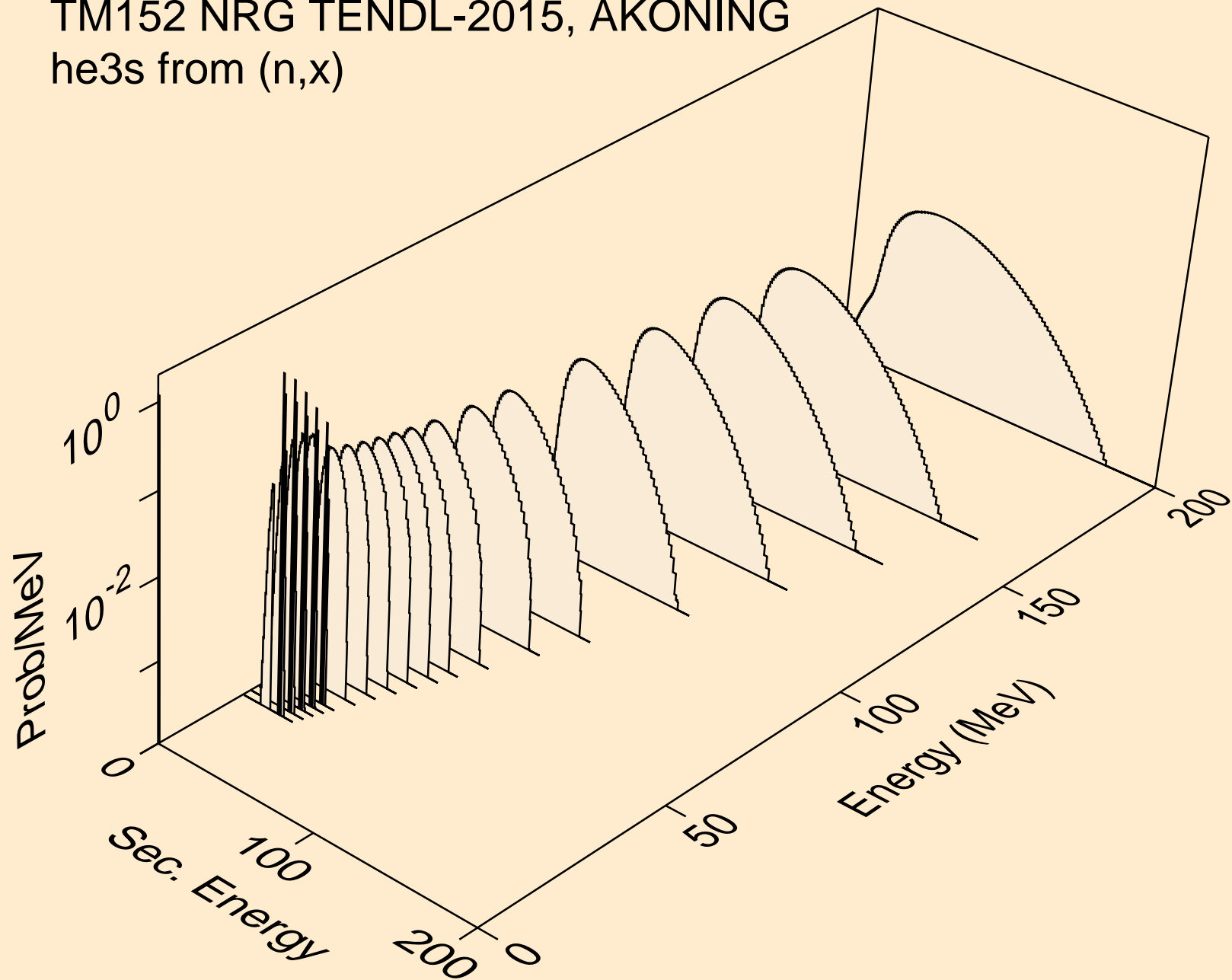
TM152 NRG TENDL-2015, AKONING  
tritons from (n,t)



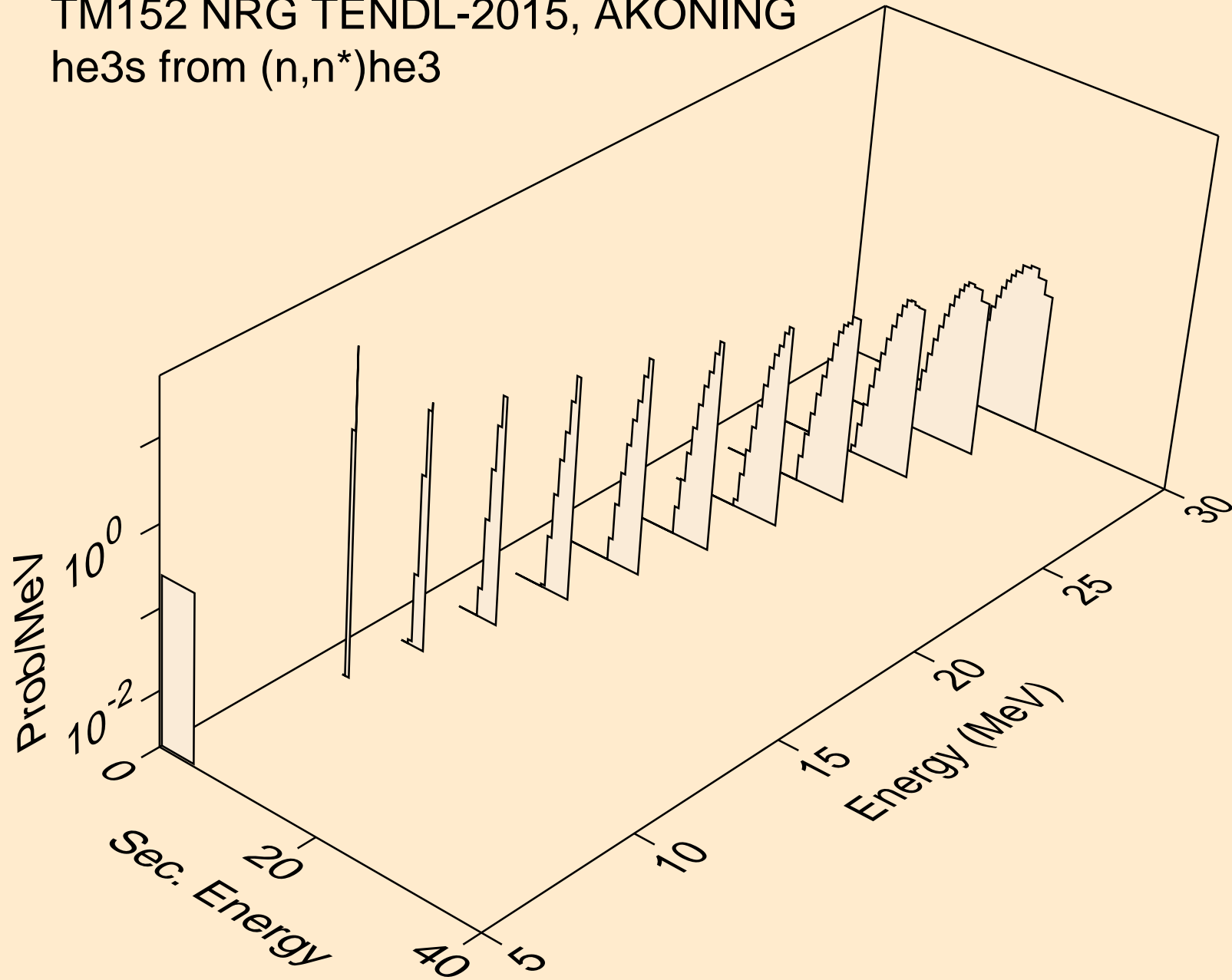
TM152 NRG TENDL-2015, AKONING  
tritons from (n,pt)



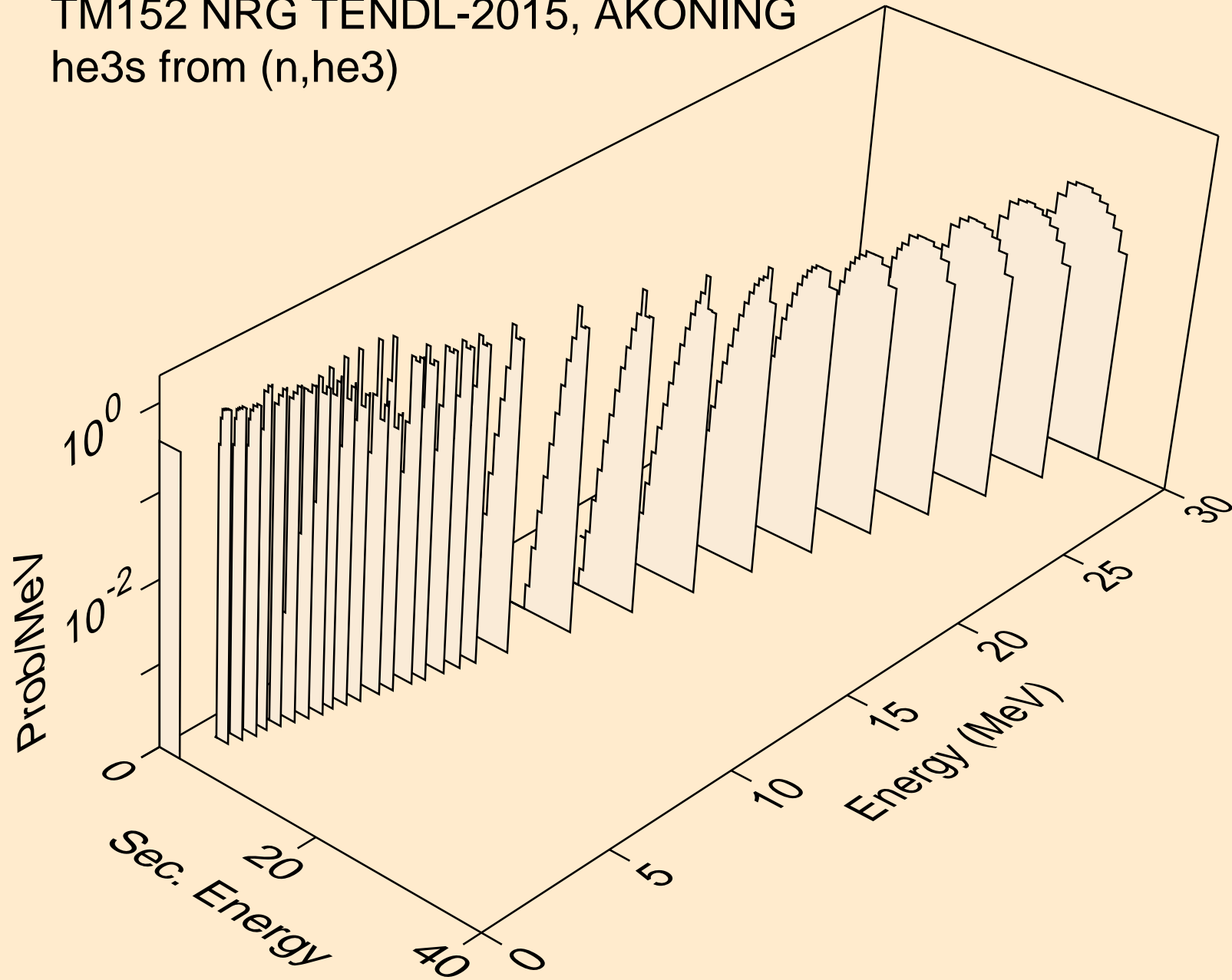
TM152 NRG TENDL-2015, AKONING  
he3s from (n,x)



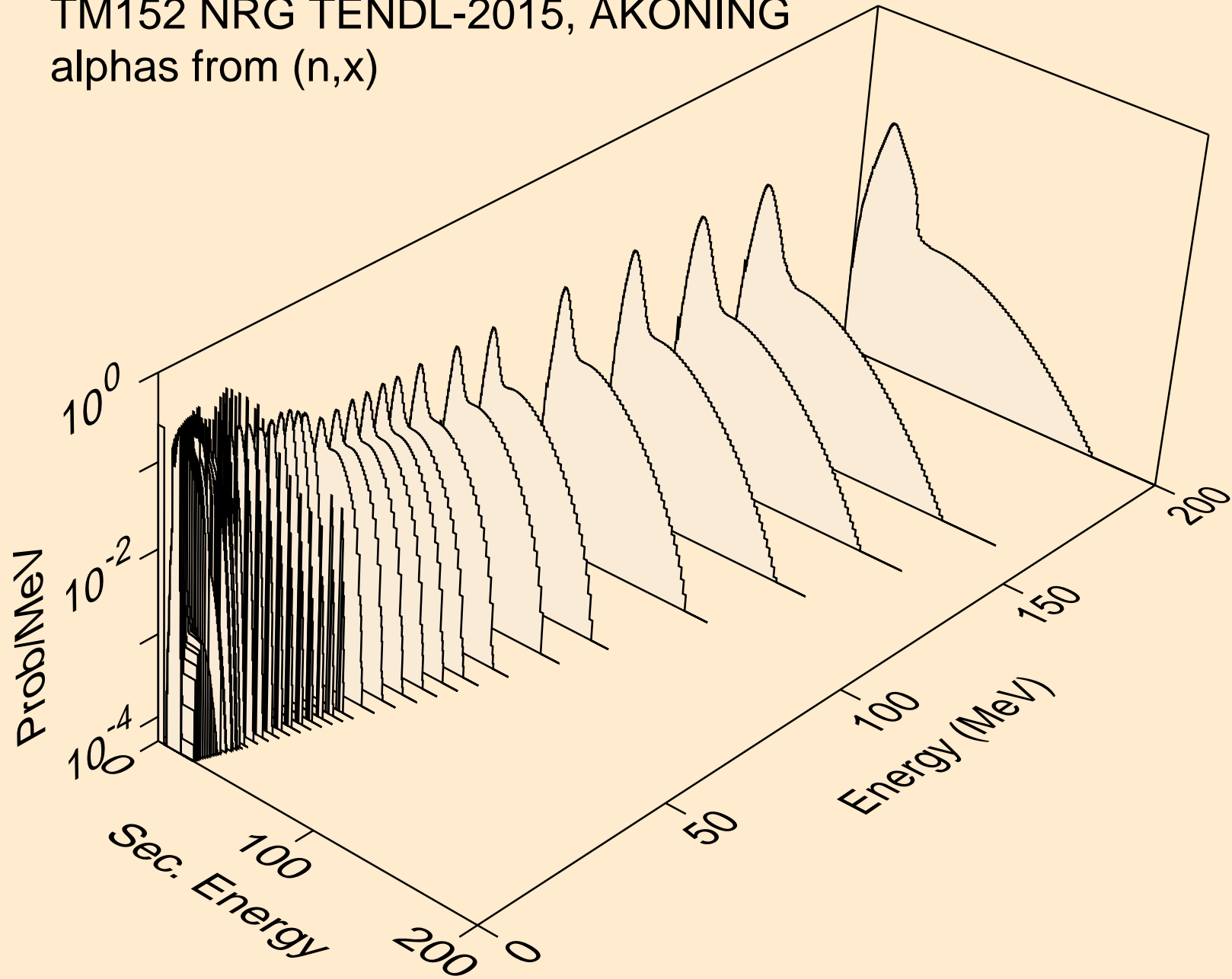
TM152 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



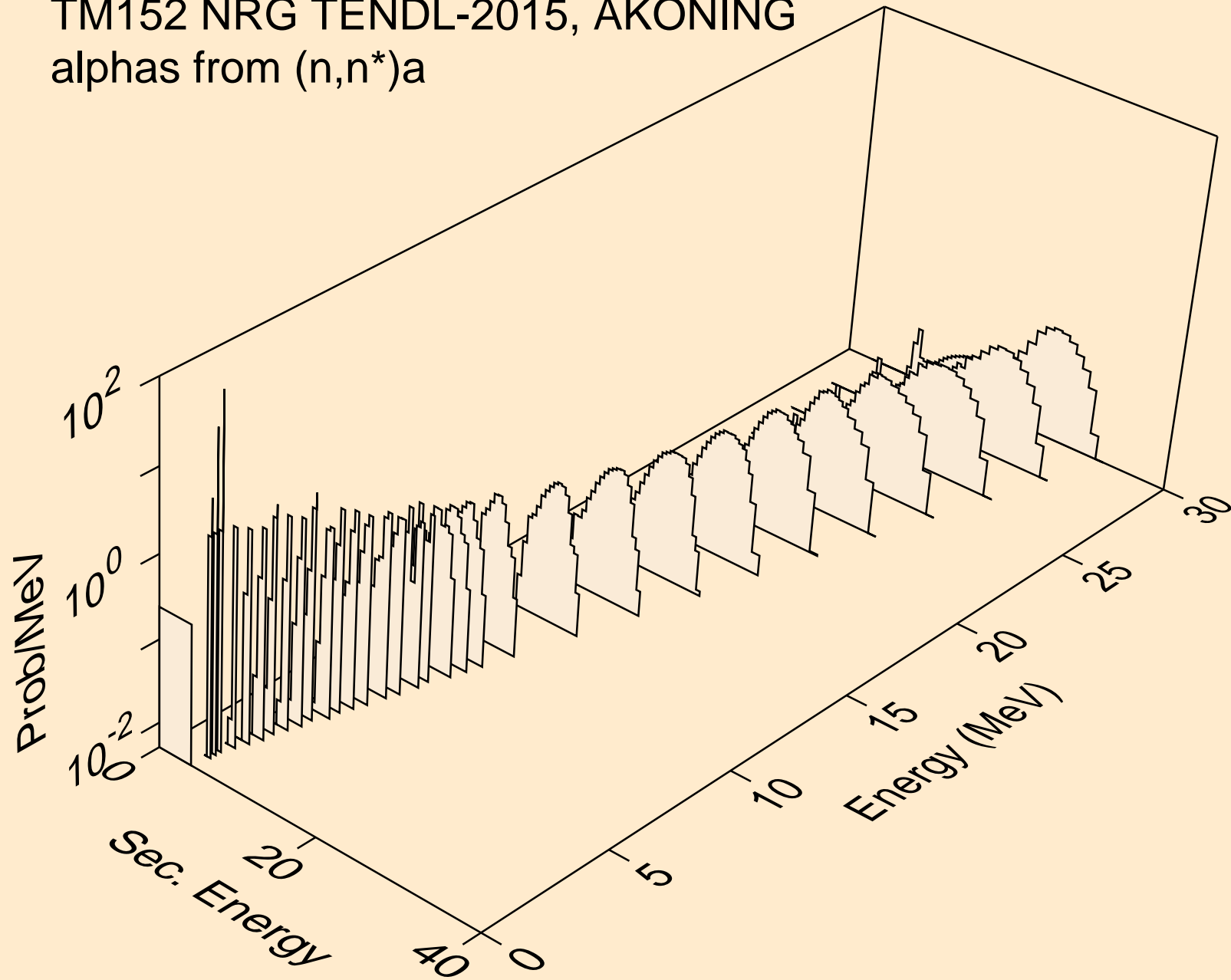
TM152 NRG TENDL-2015, AKONING  
he3s from (n,he3)



TM152 NRG TENDL-2015, AKONING  
alphas from (n,x)

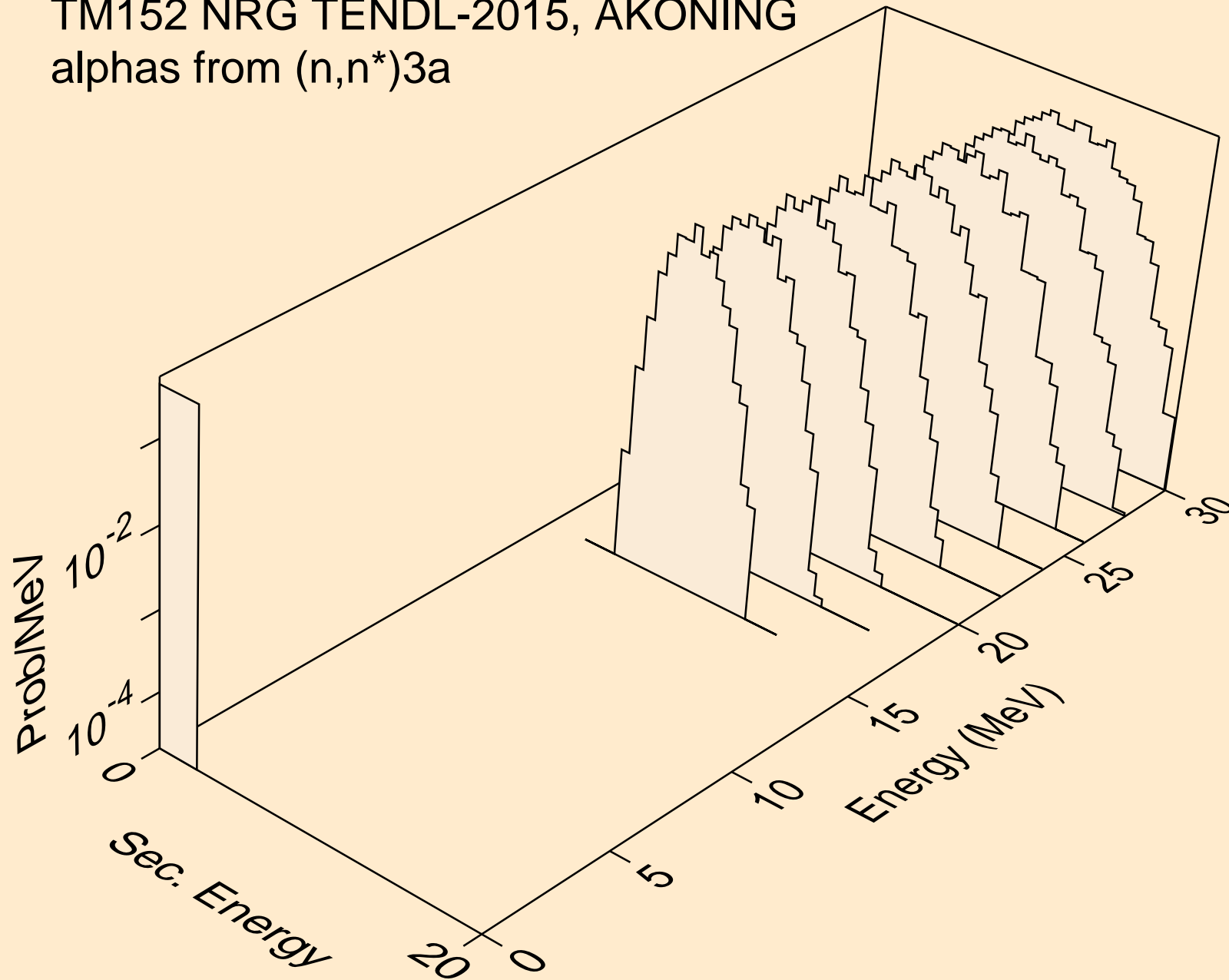


TM152 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

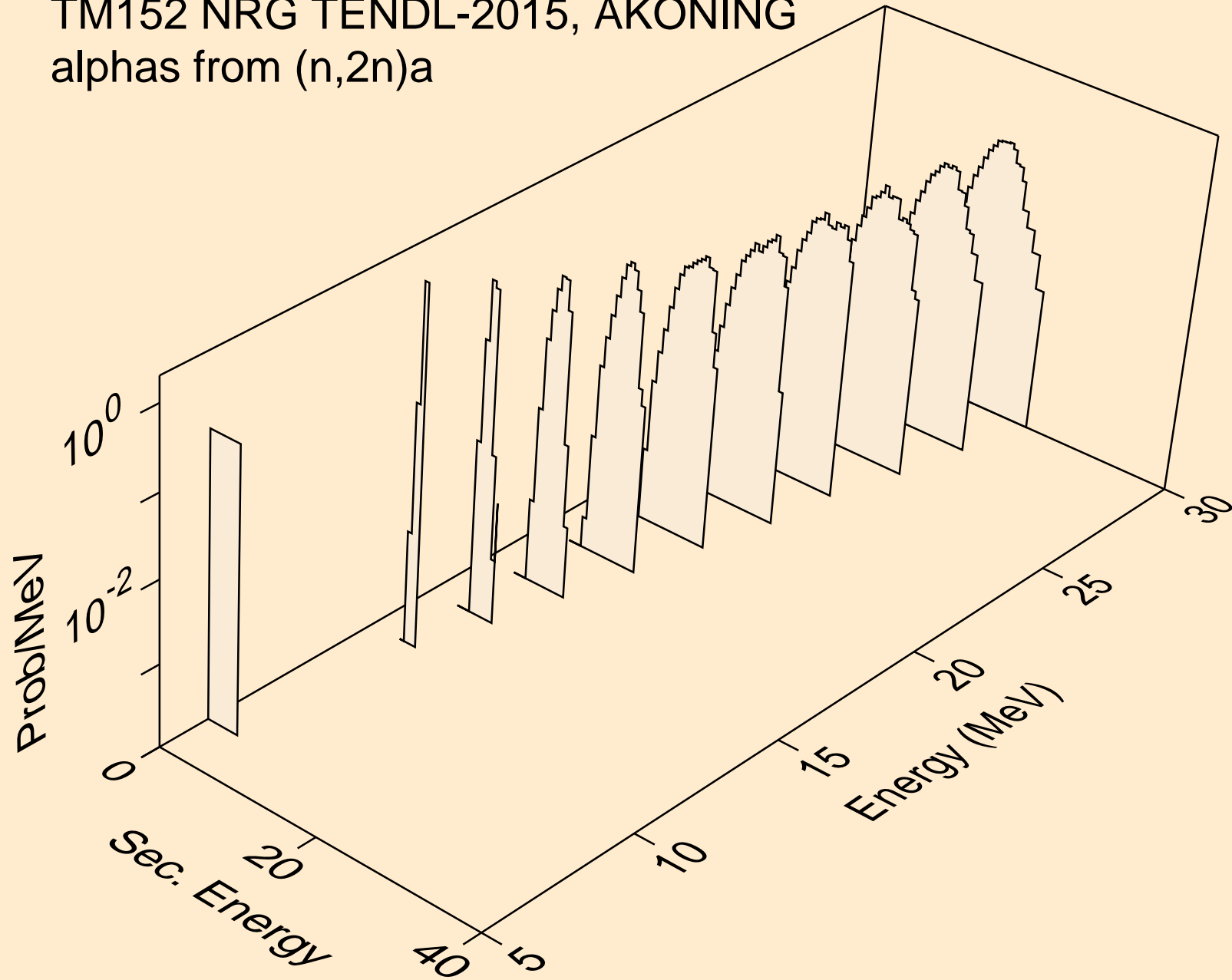




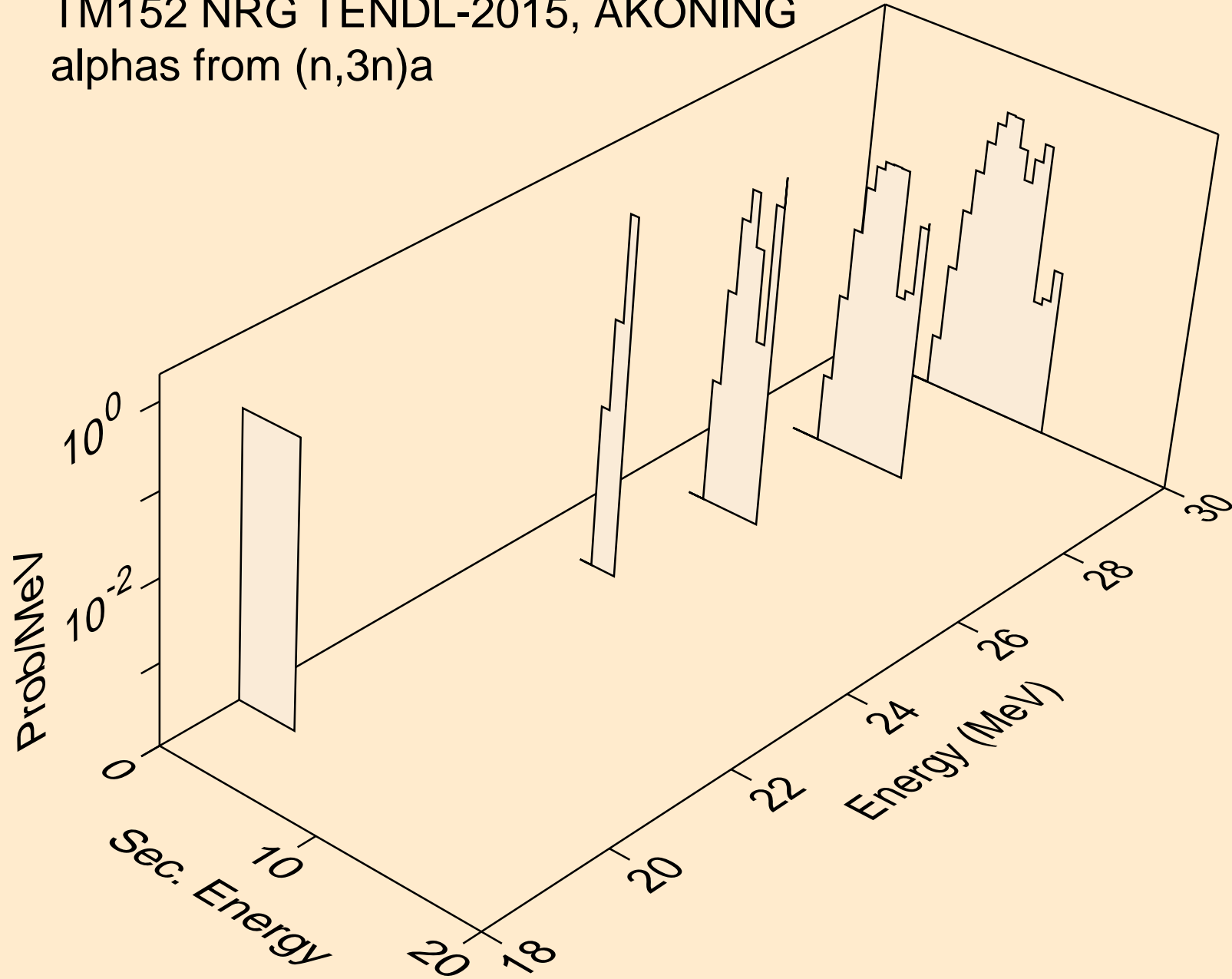
TM152 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a



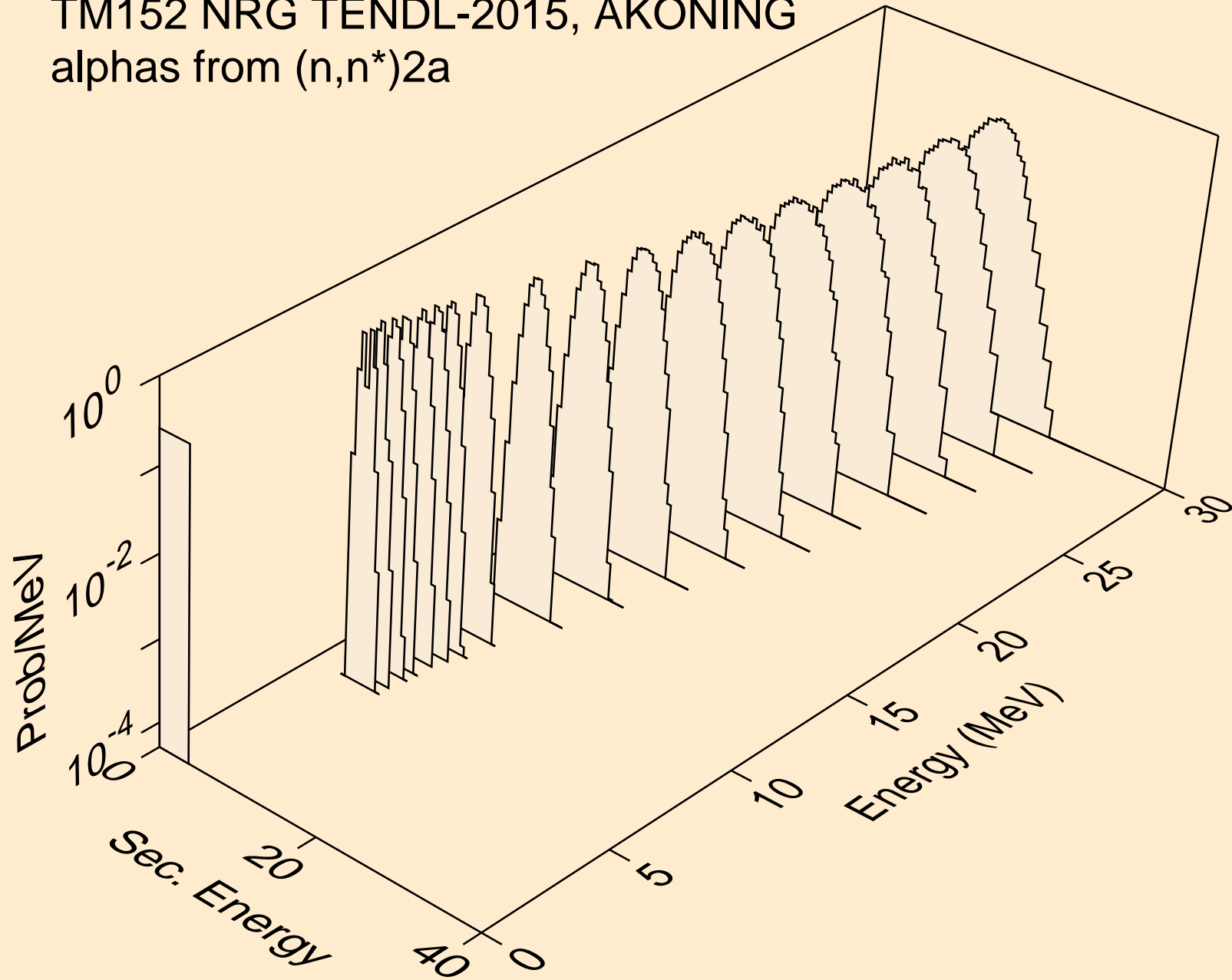
TM152 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



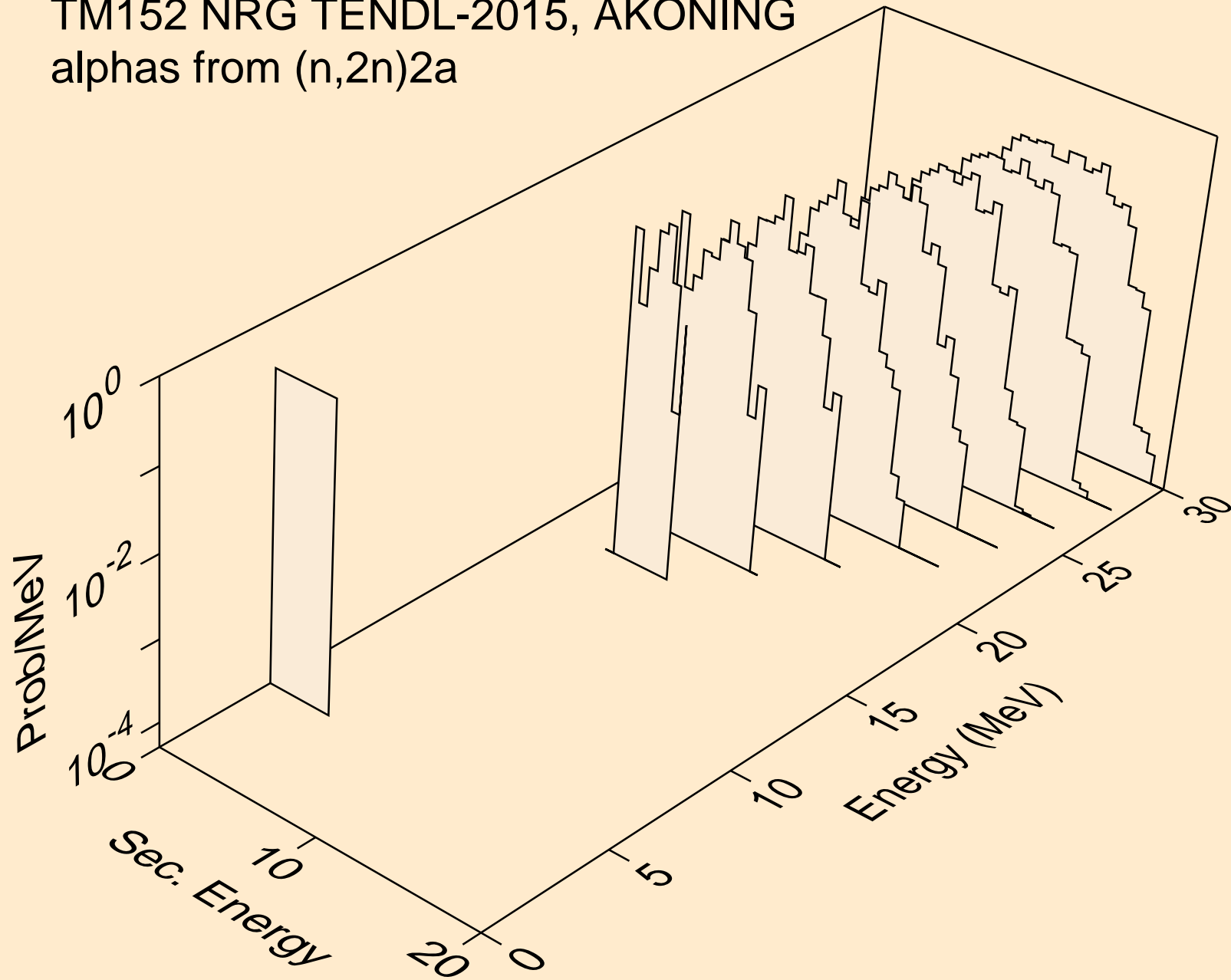
TM152 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



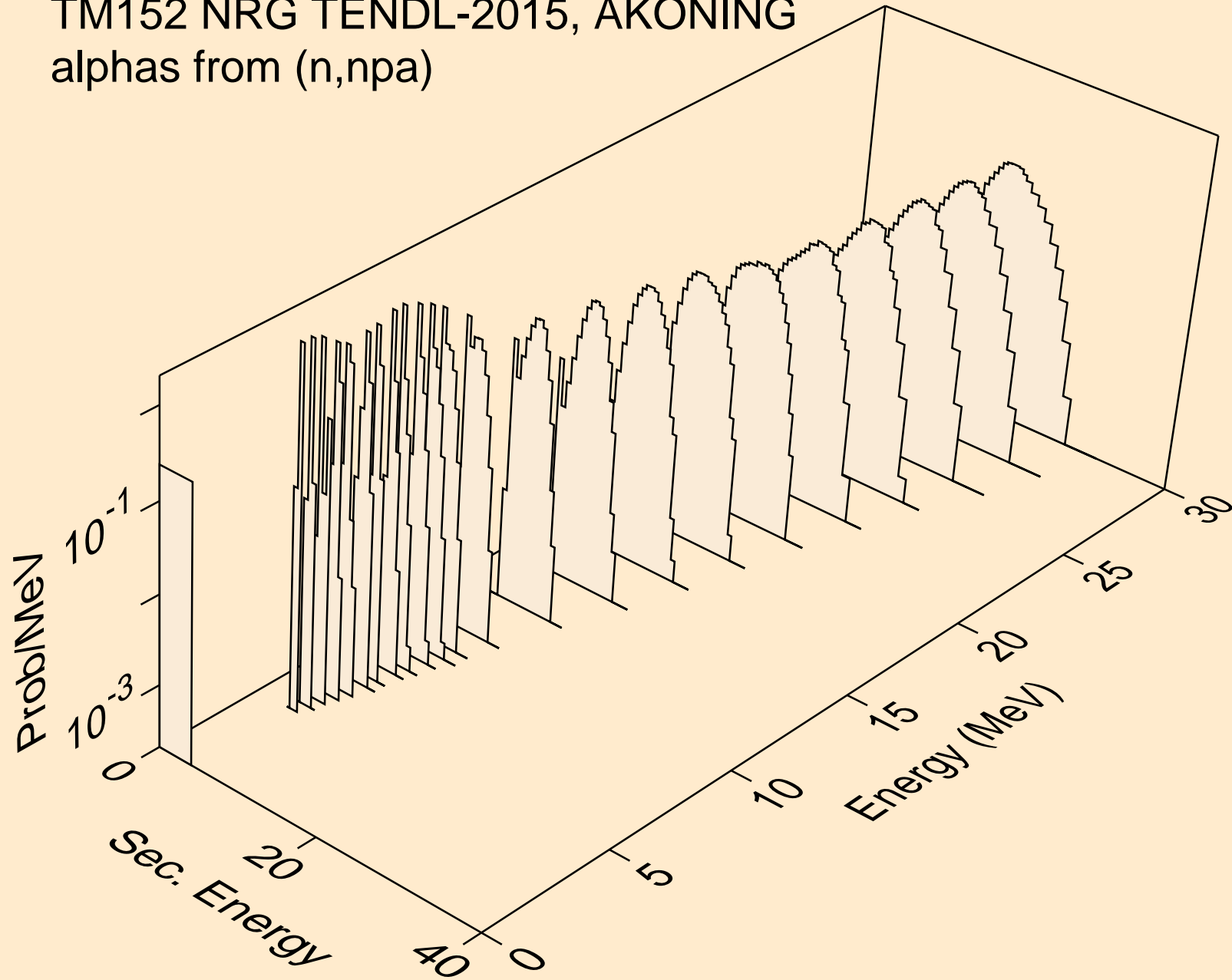
TM152 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



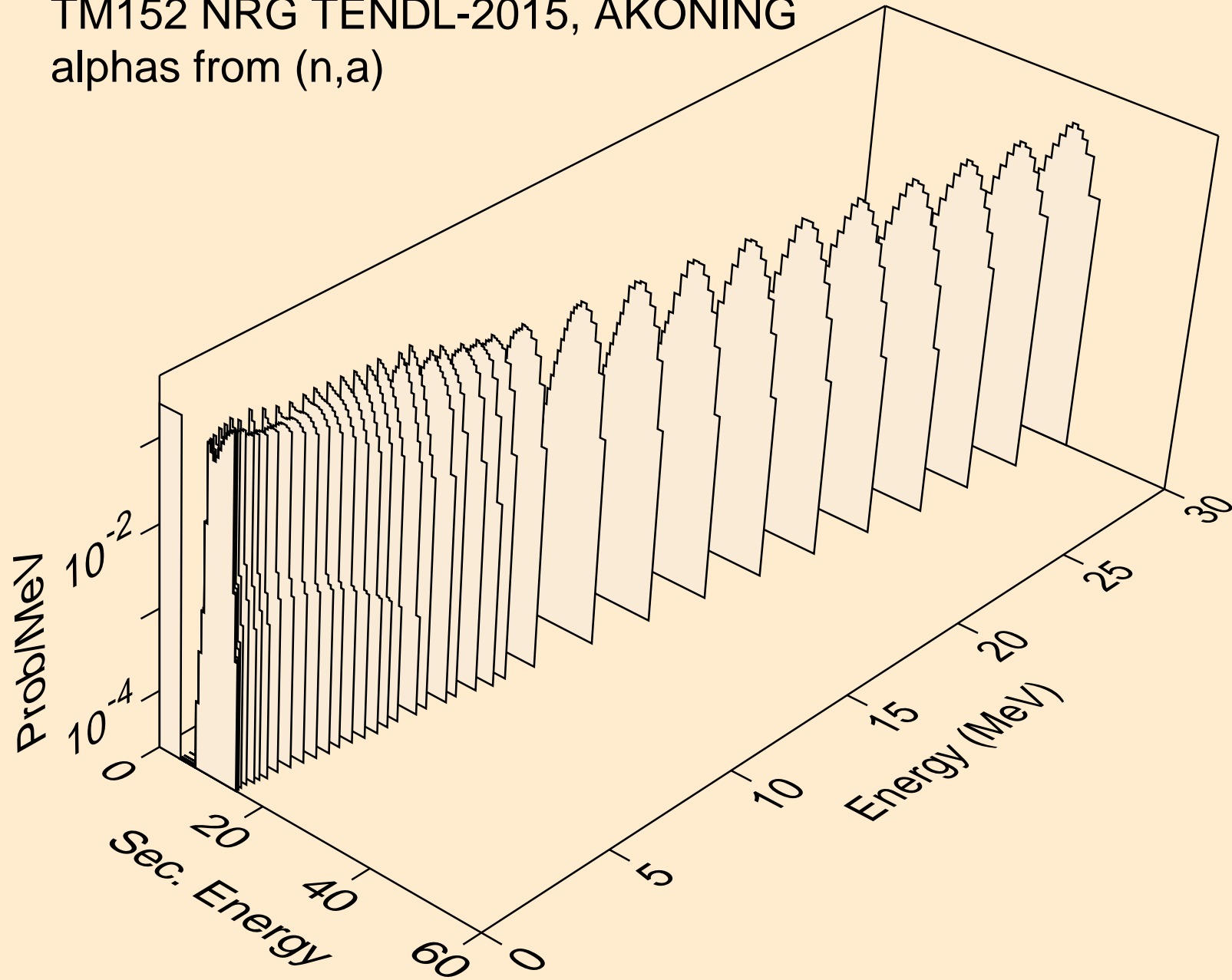
TM152 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



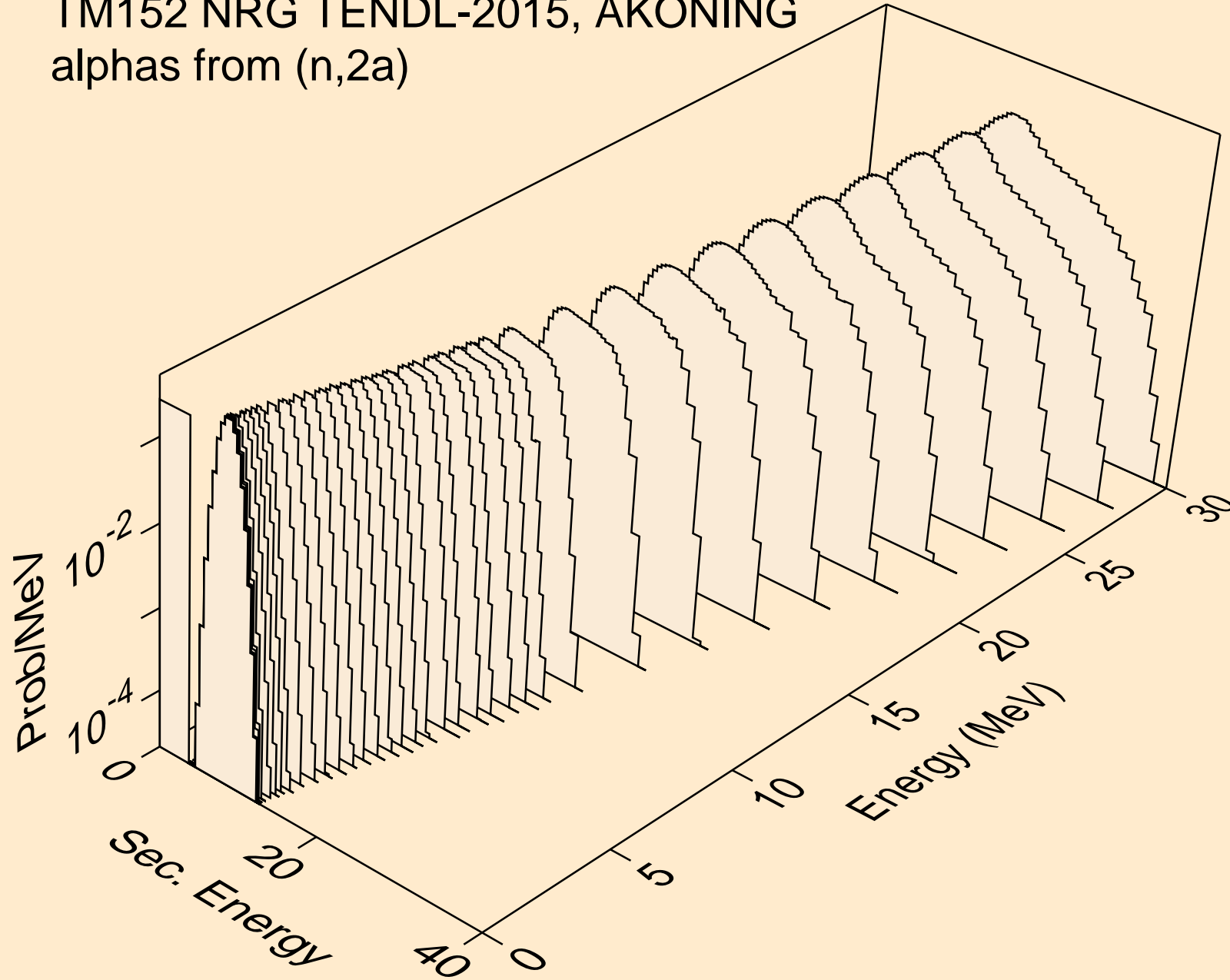
TM152 NRG TENDL-2015, AKONING  
alphas from (n,npa)



TM152 NRG TENDL-2015, AKONING  
alphas from (n,a)

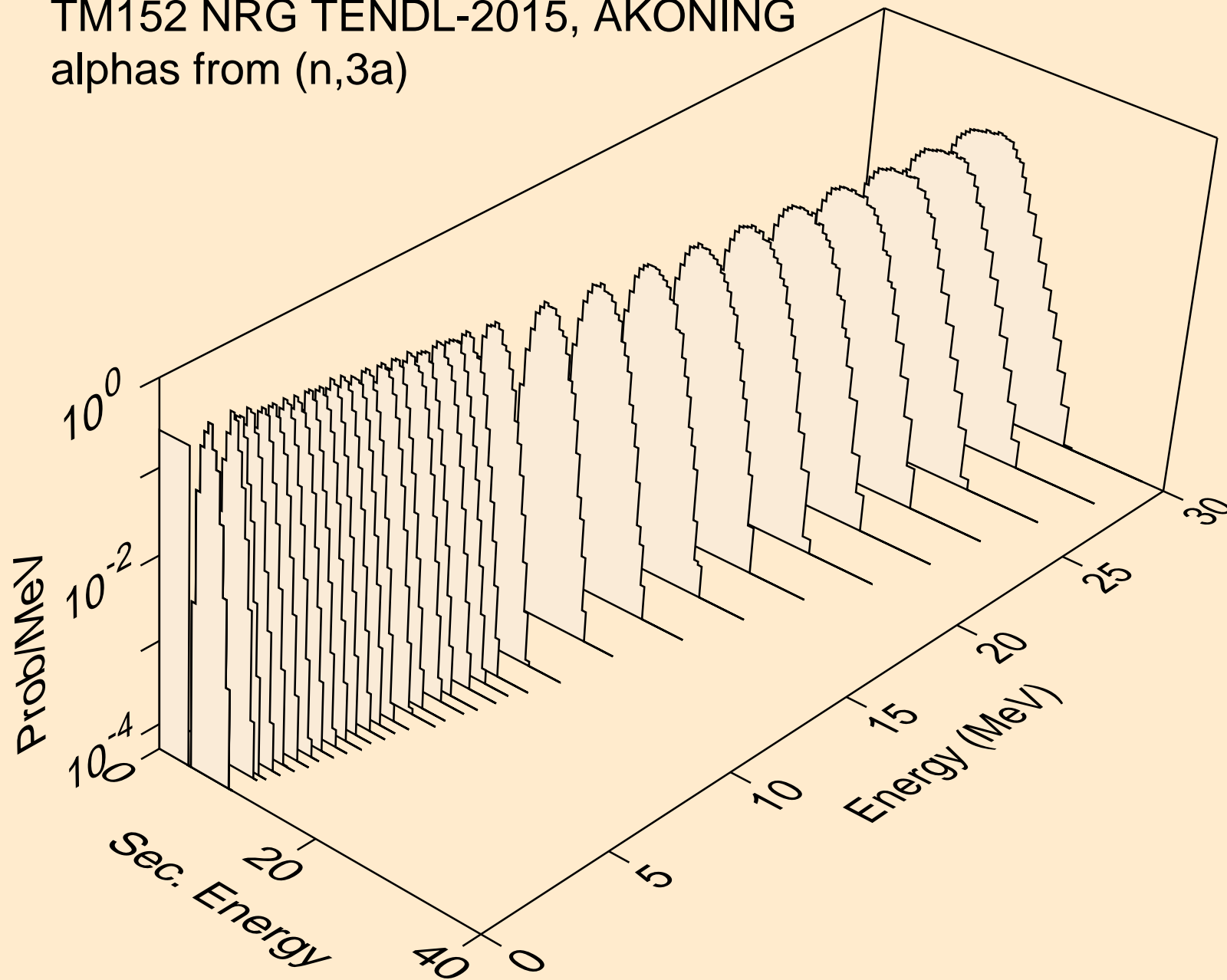


TM152 NRG TENDL-2015, AKONING  
alphas from (n,2a)

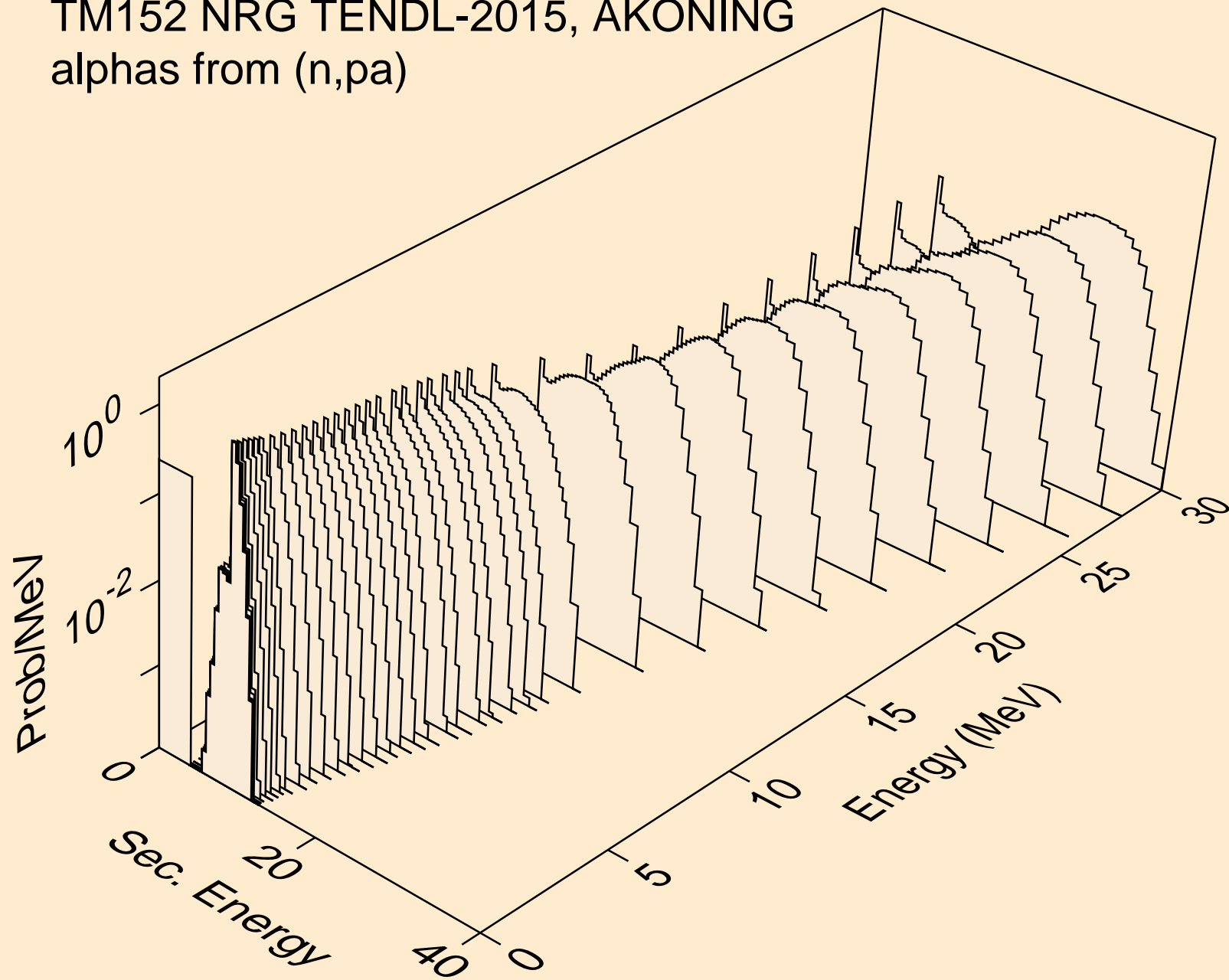




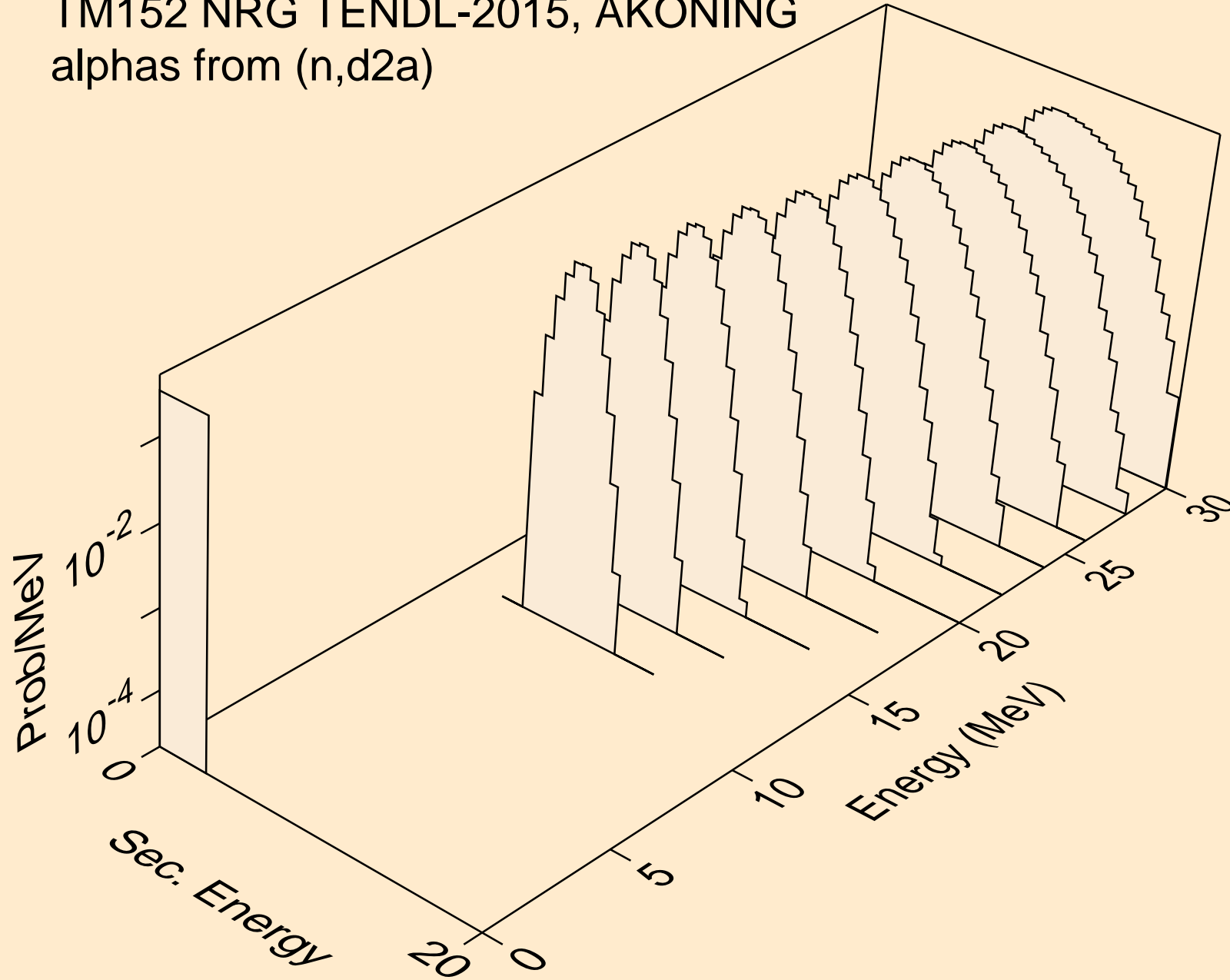
TM152 NRG TENDL-2015, AKONING  
alphas from (n,3a)



TM152 NRG TENDL-2015, AKONING  
alphas from (n,pa)



TM152 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



TM152 NRG TENDL-2015, AKONING  
alphas from (n,da)

