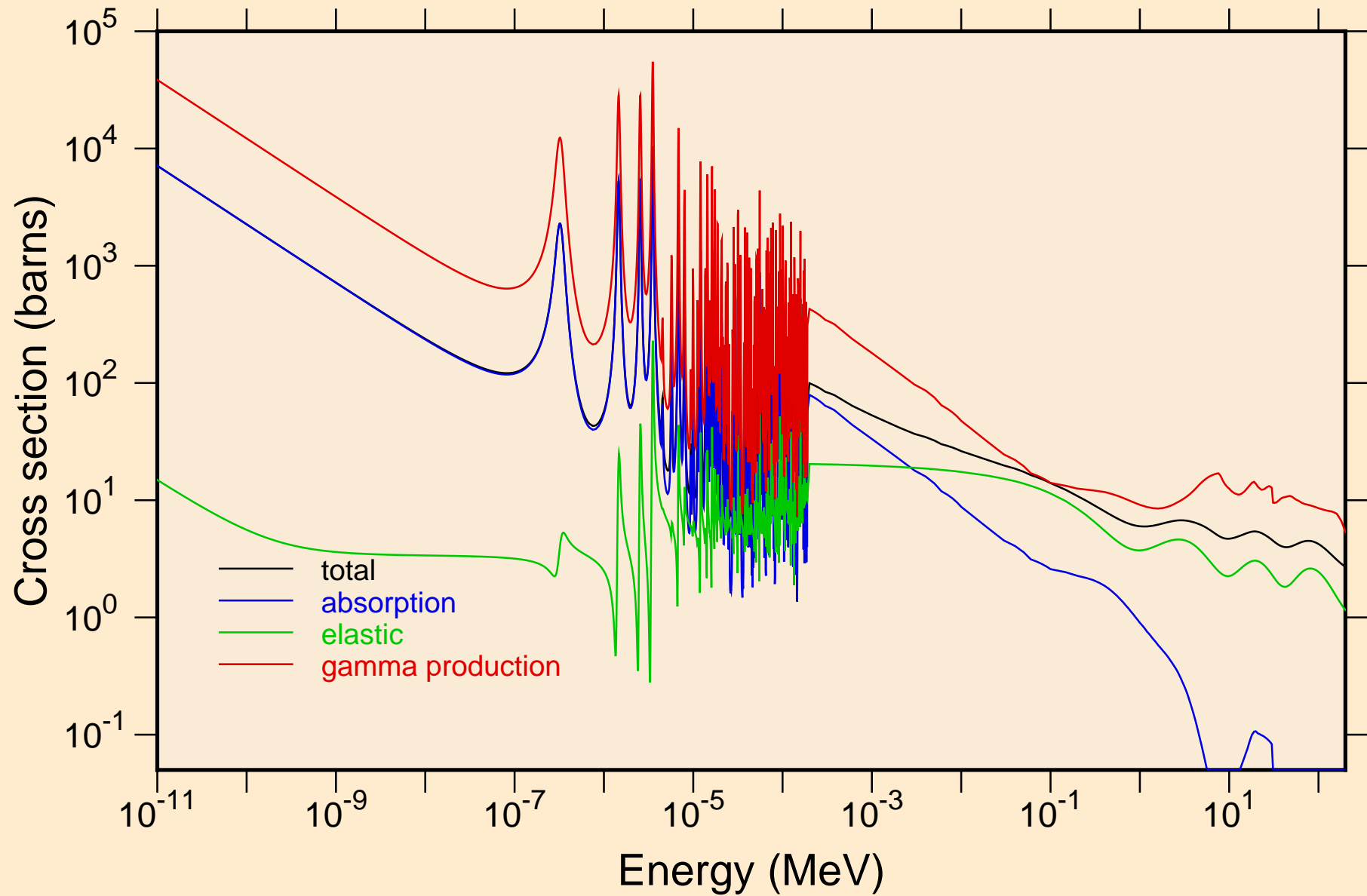
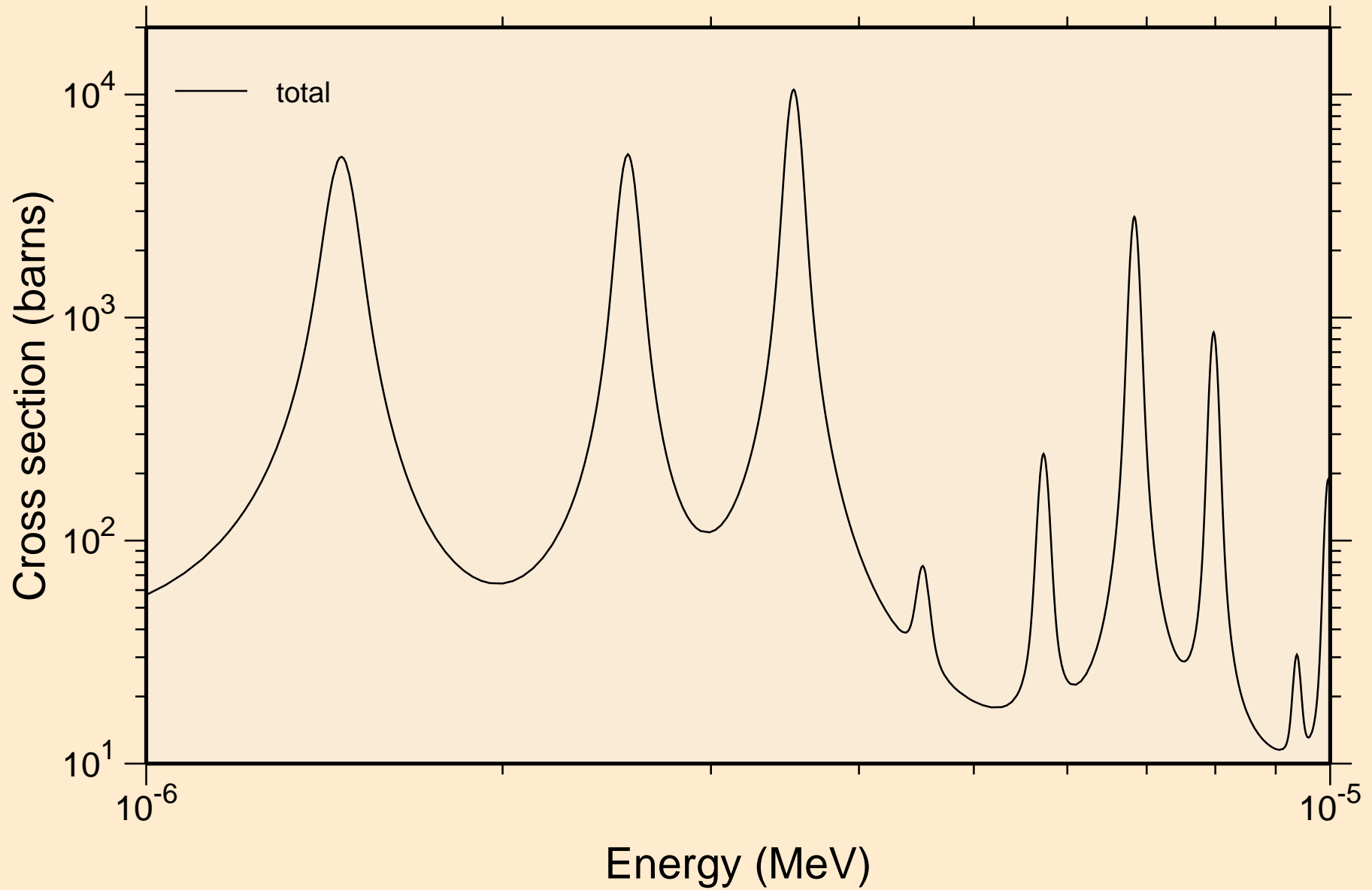


# RE178 NRG TENDL-2015, AKONING

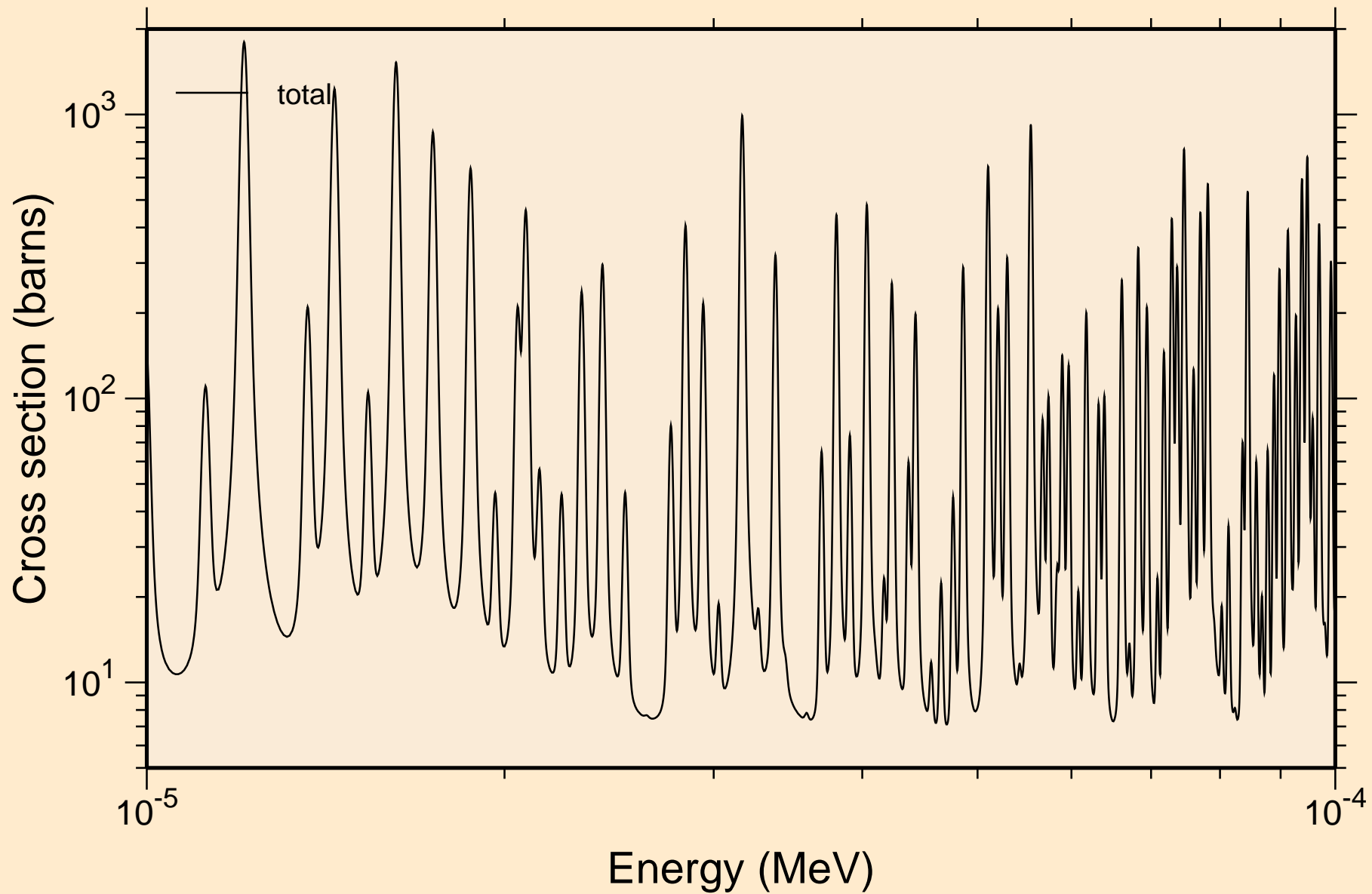
## Principal cross sections



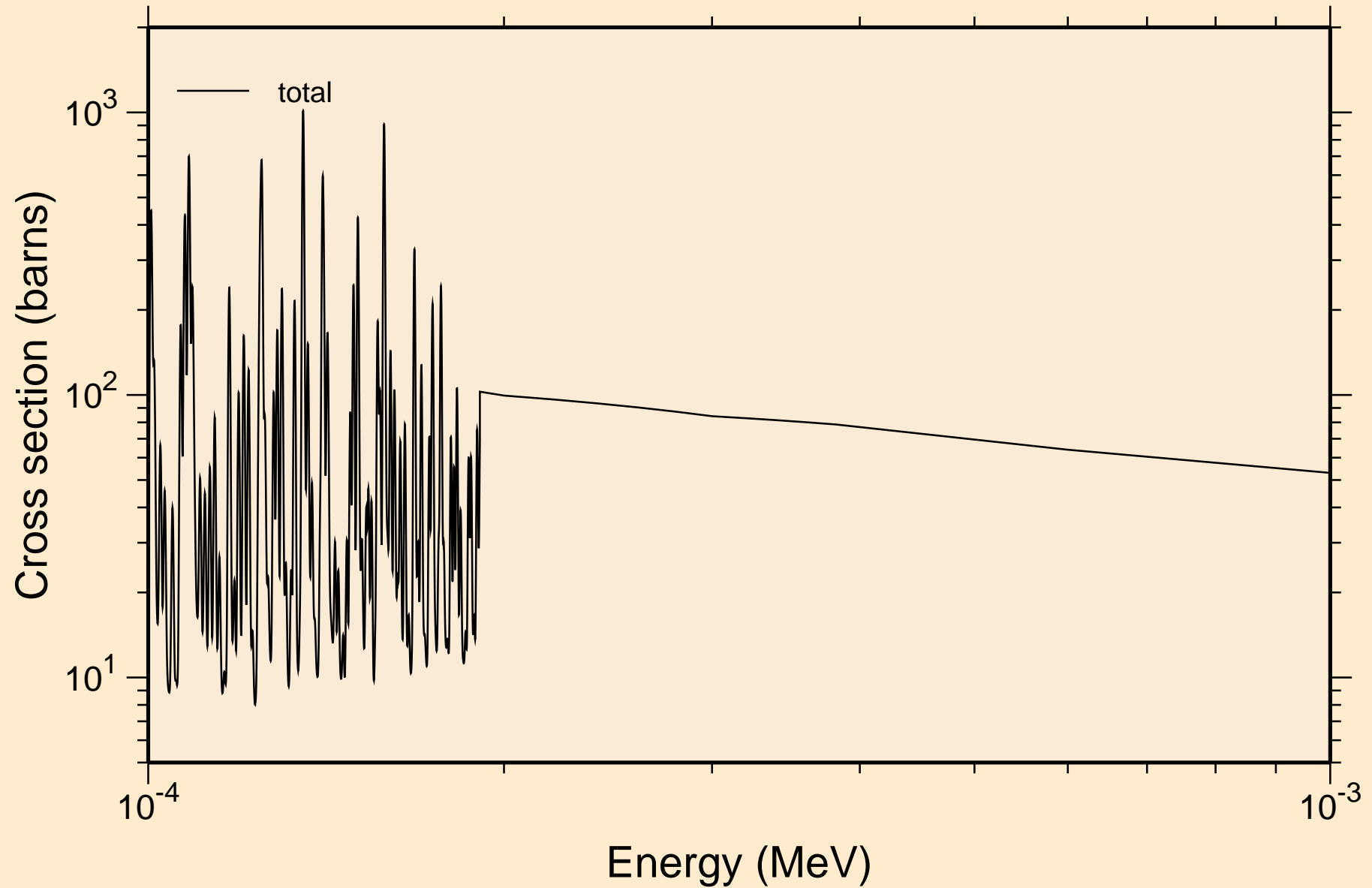
RE178 NRG TENDL-2015, AKONING  
resonance total cross section



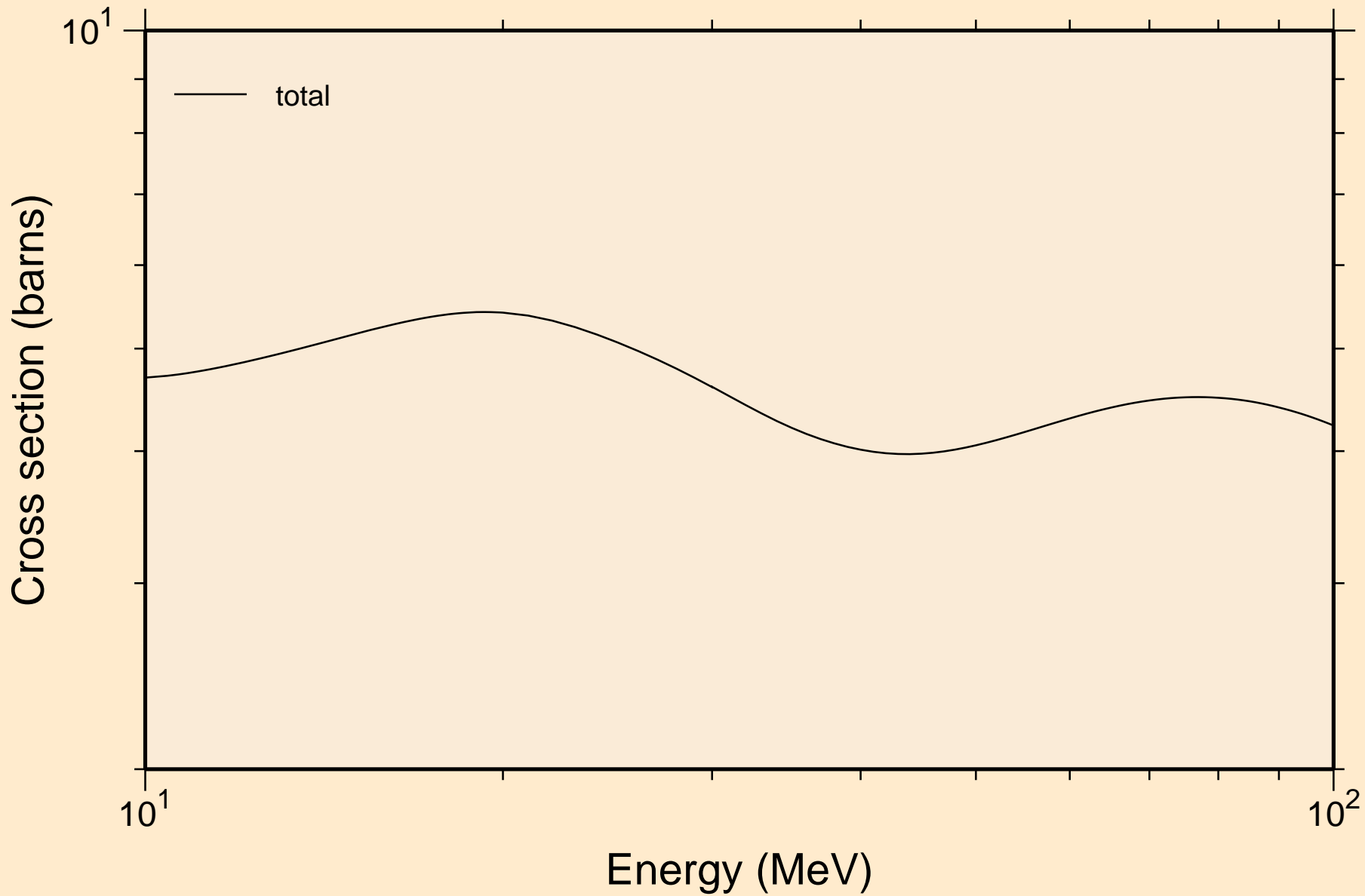
RE178 NRG TENDL-2015, AKONING  
resonance total cross section



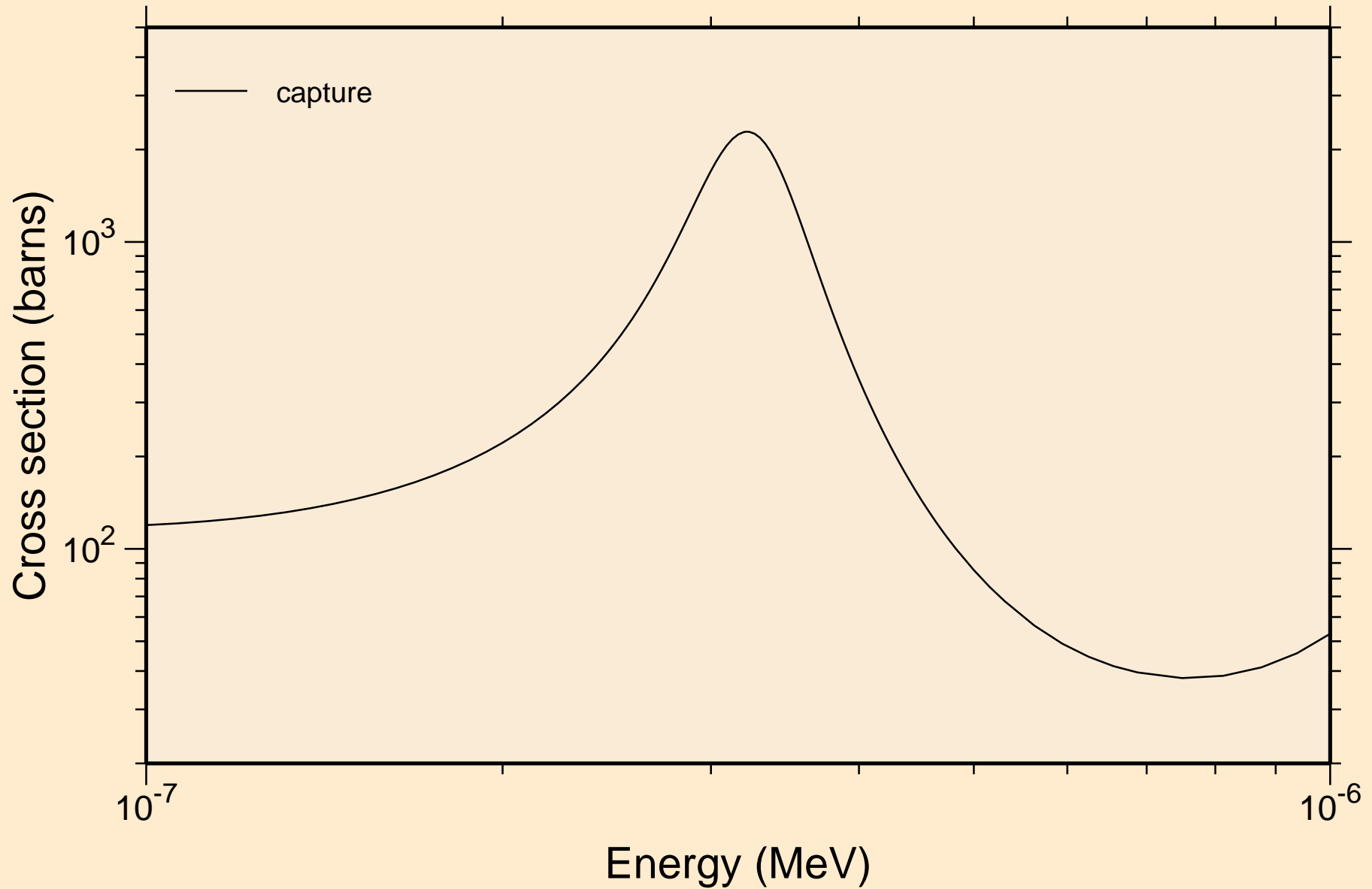
RE178 NRG TENDL-2015, AKONING  
resonance total cross section



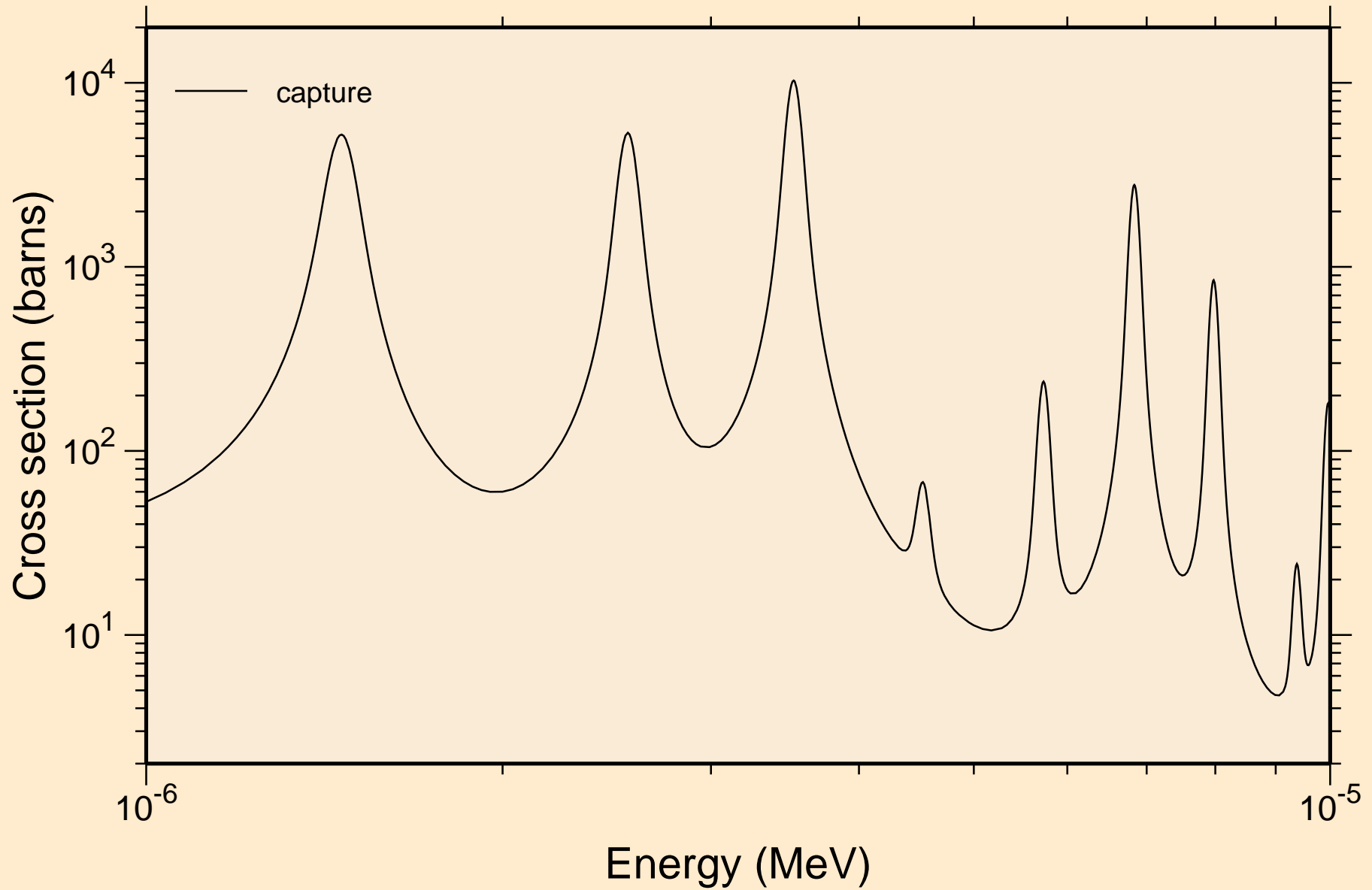
RE178 NRG TENDL-2015, AKONING  
resonance total cross section



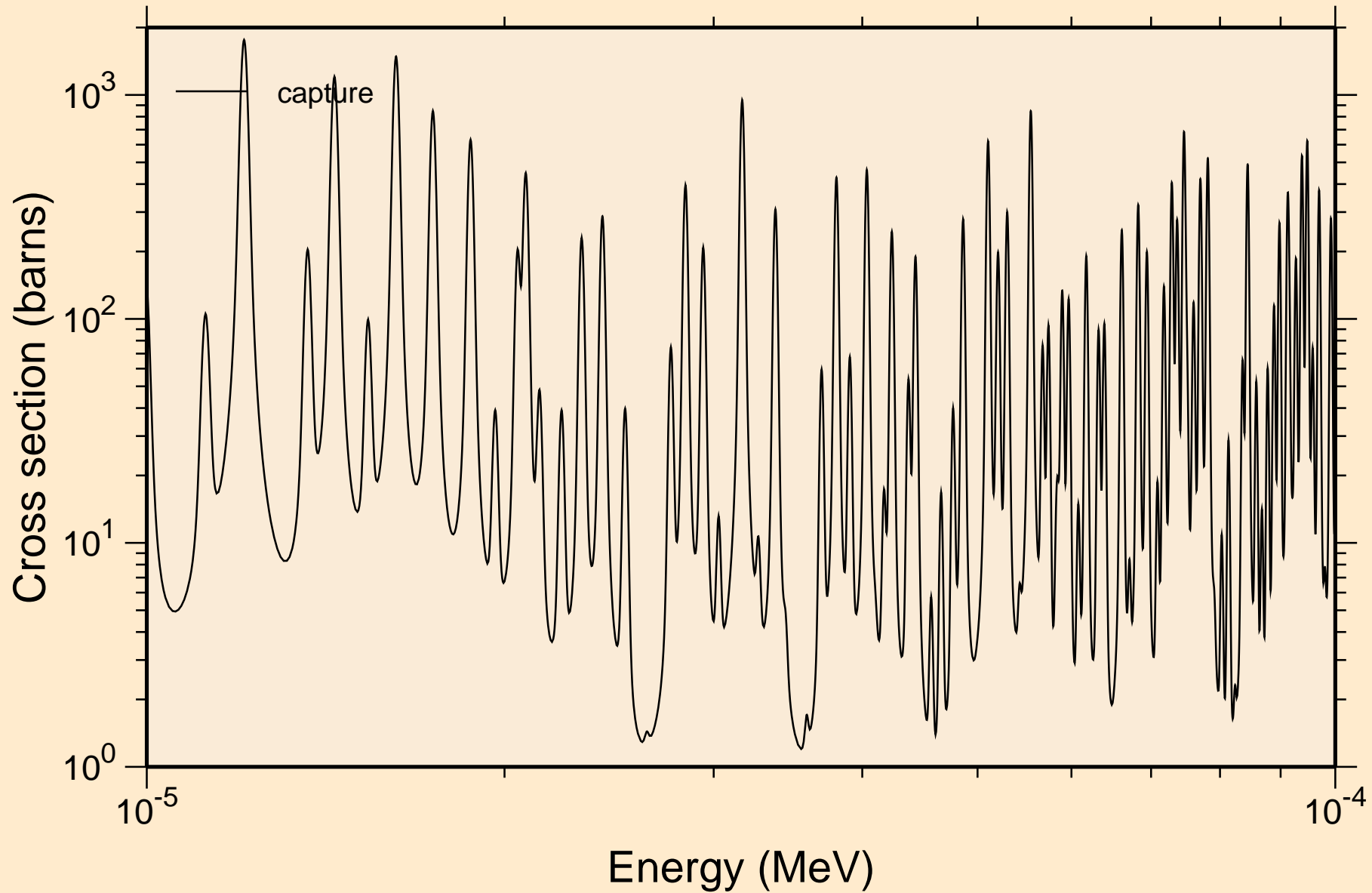
RE178 NRG TENDL-2015, AKONING  
resonance absorption cross sections



RE178 NRG TENDL-2015, AKONING  
resonance absorption cross sections

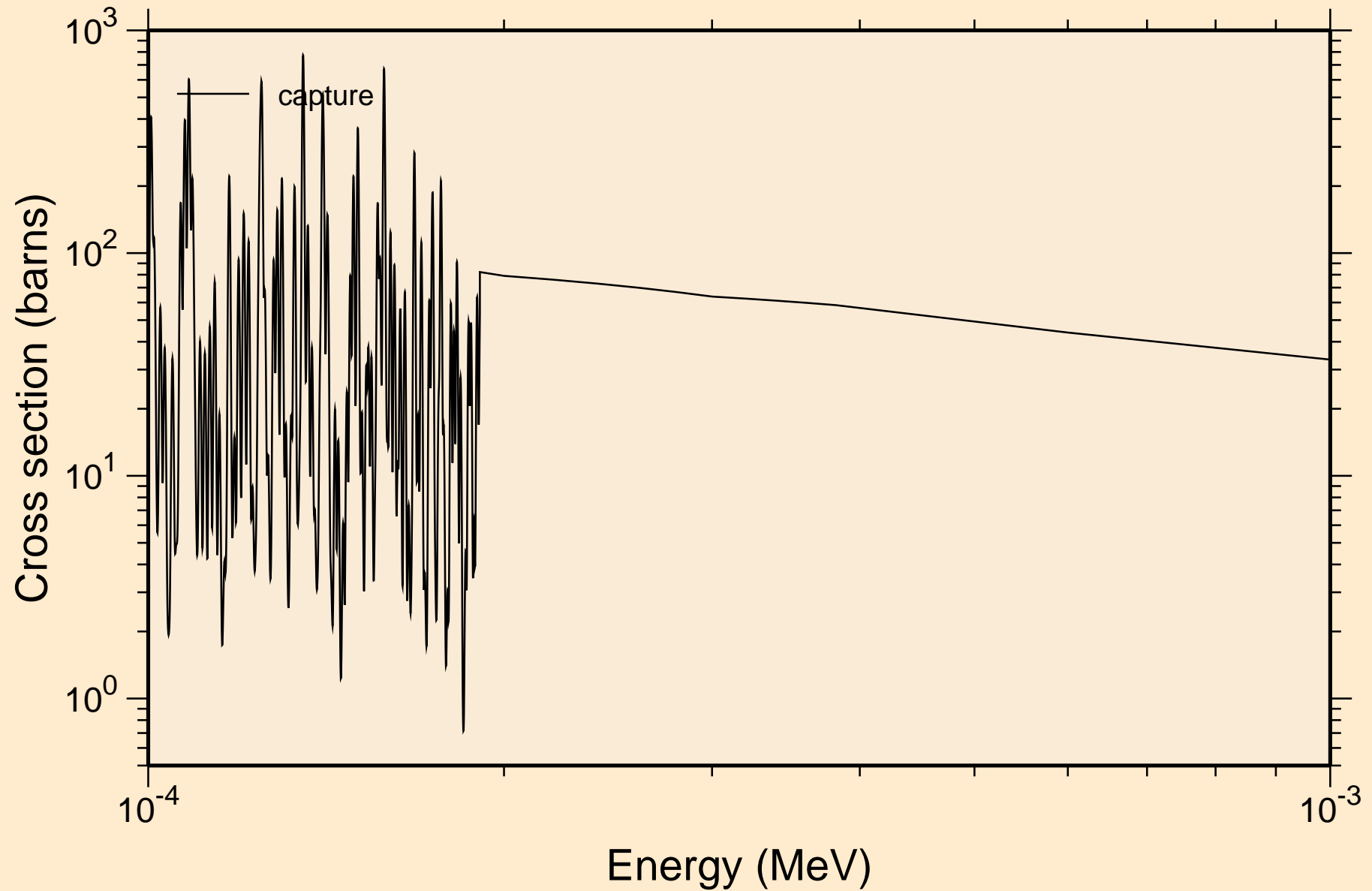


RE178 NRG TENDL-2015, AKONING  
resonance absorption cross sections

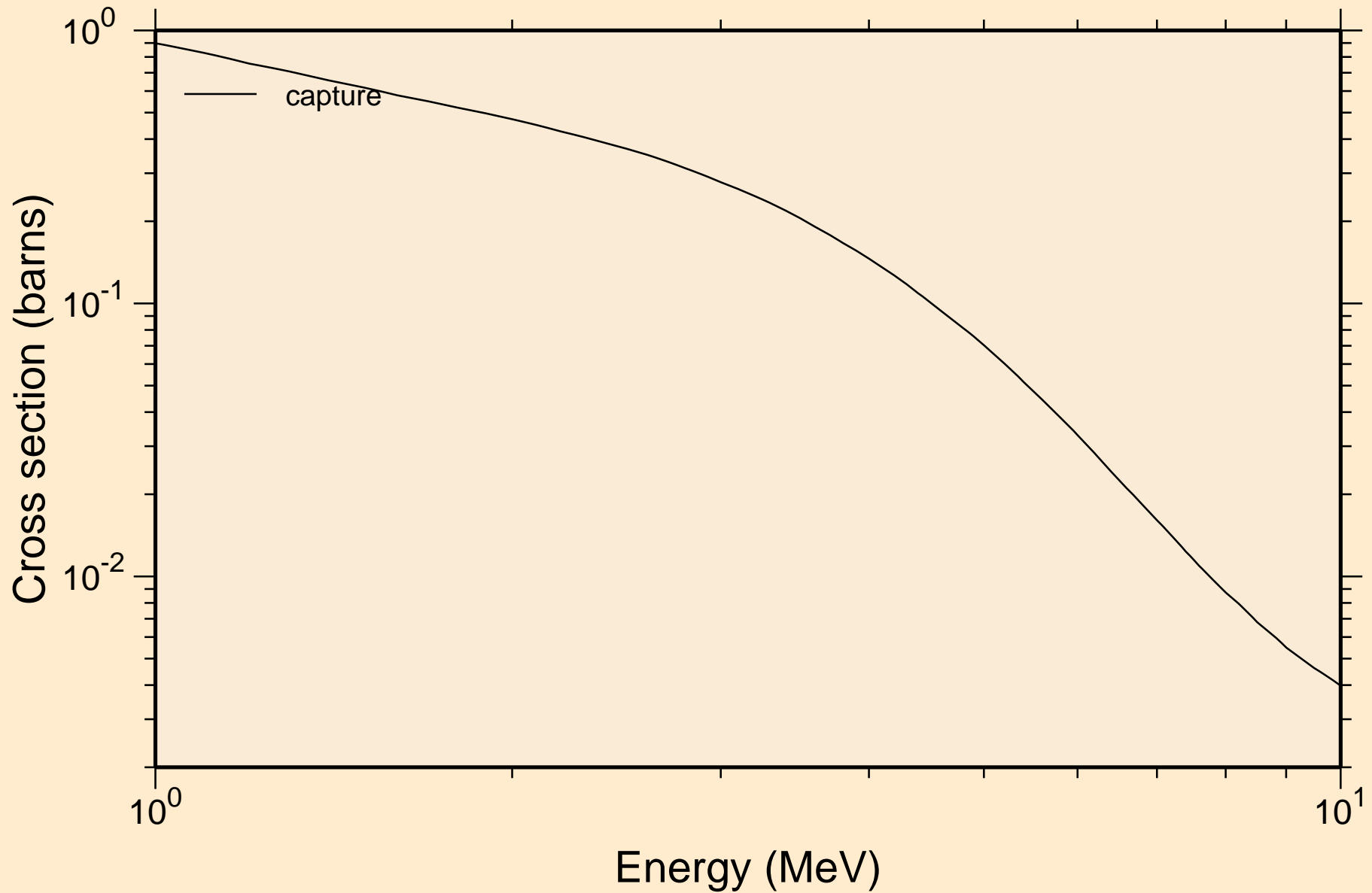




RE178 NRG TENDL-2015, AKONING  
resonance absorption cross sections

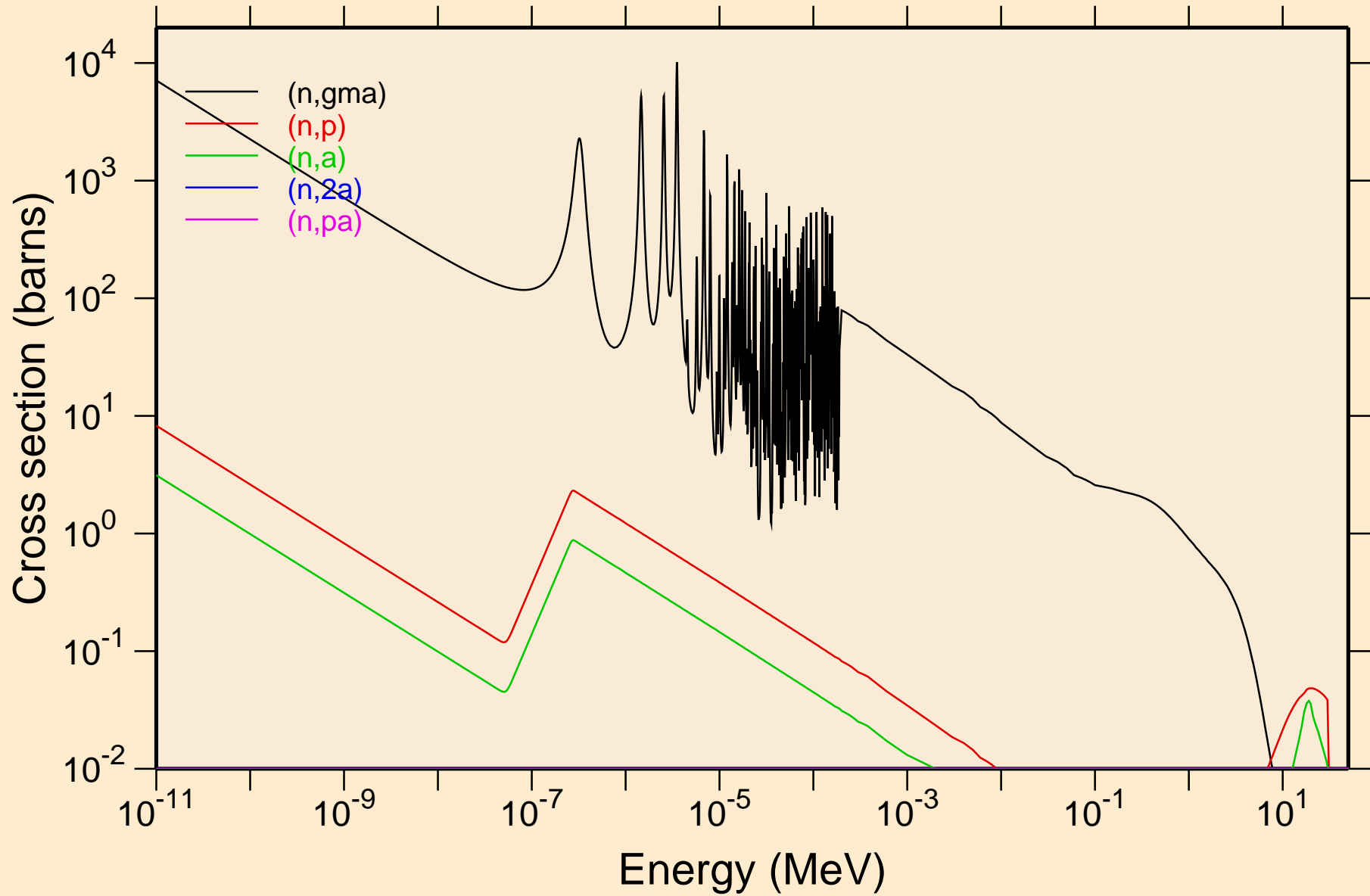


RE178 NRG TENDL-2015, AKONING  
resonance absorption cross sections



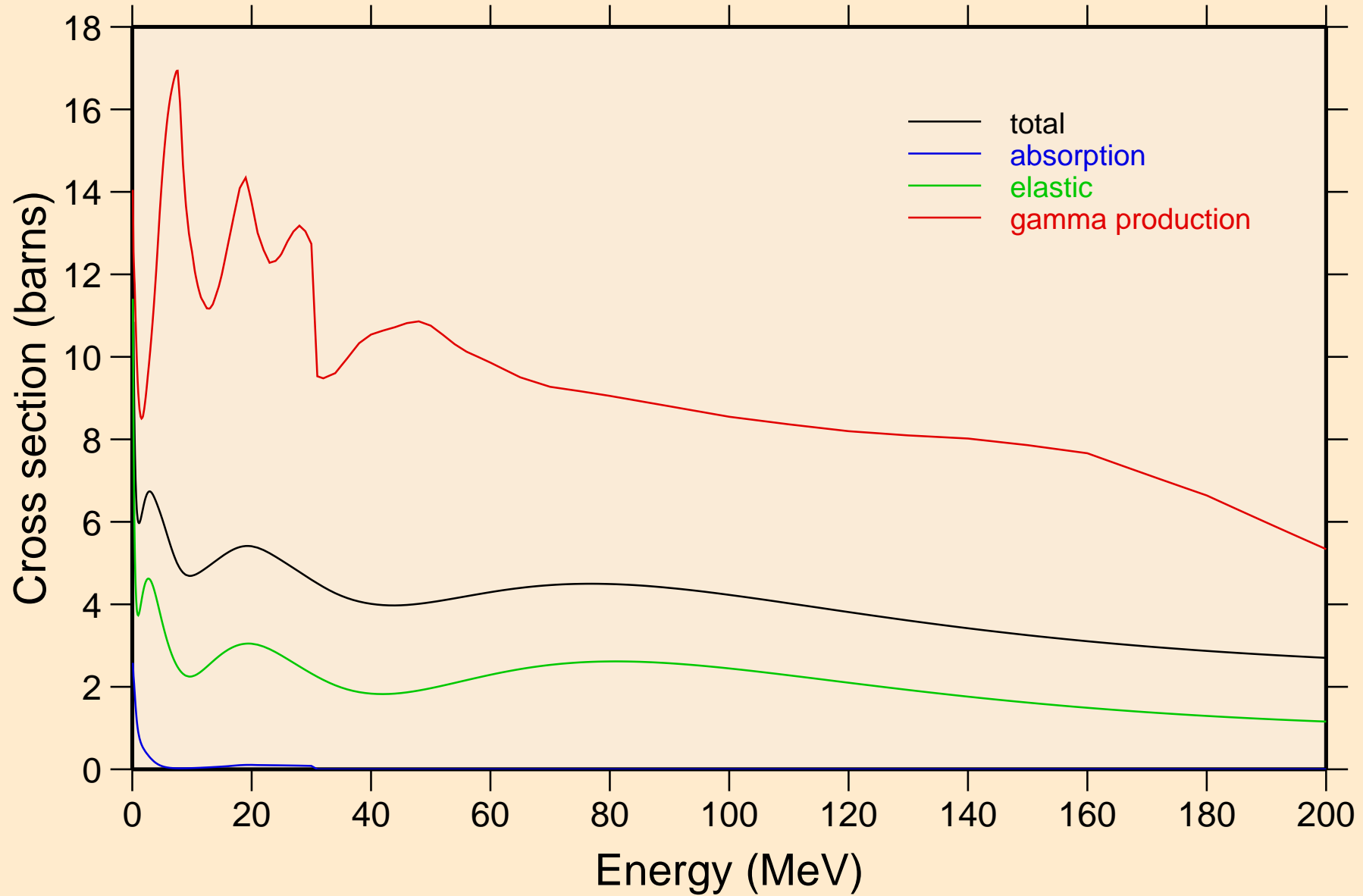
# RE178 NRG TENDL-2015, AKONING

## Non-threshold reactions



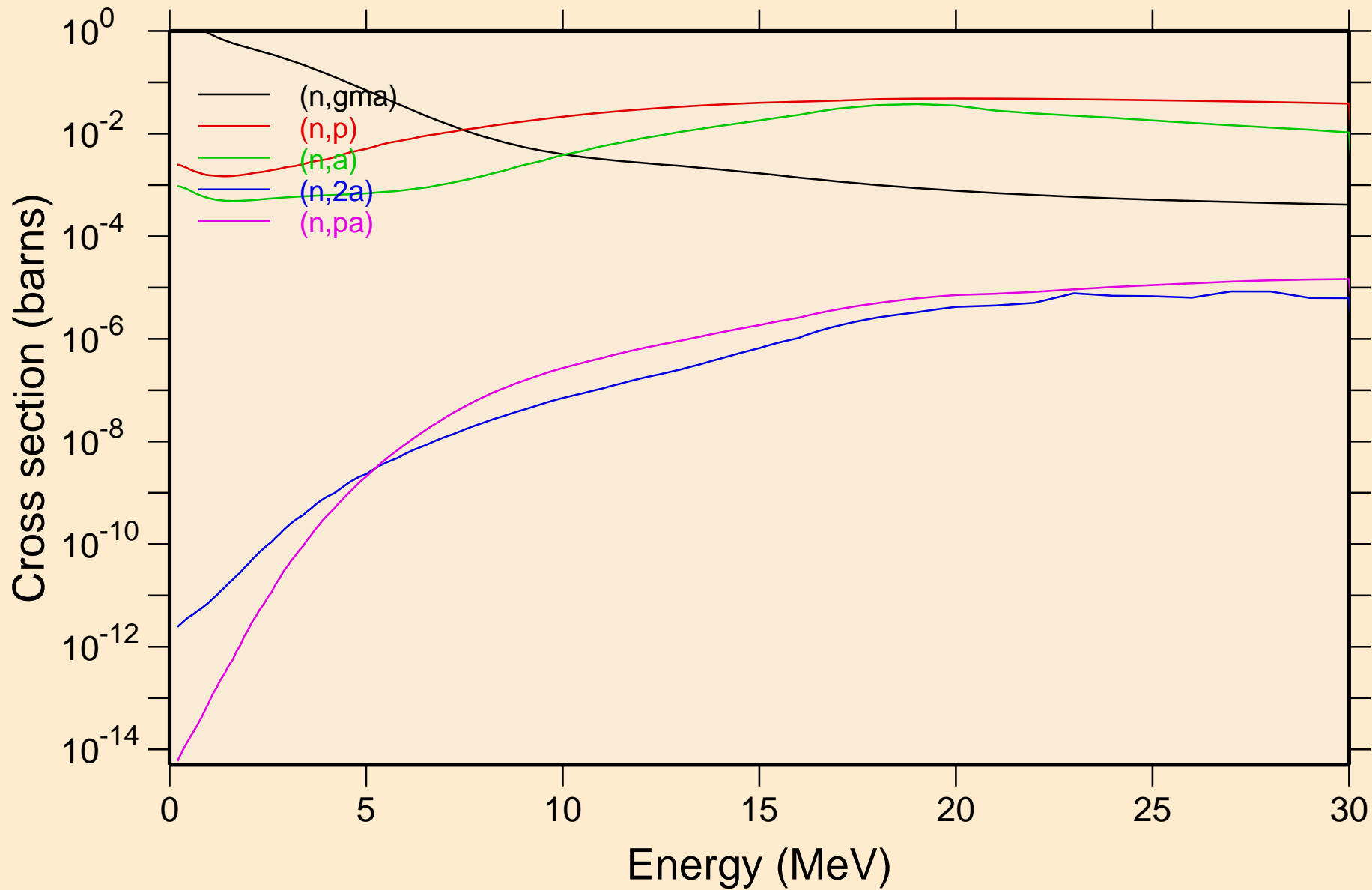
# RE178 NRG TENDL-2015, AKONING

## Principal cross sections



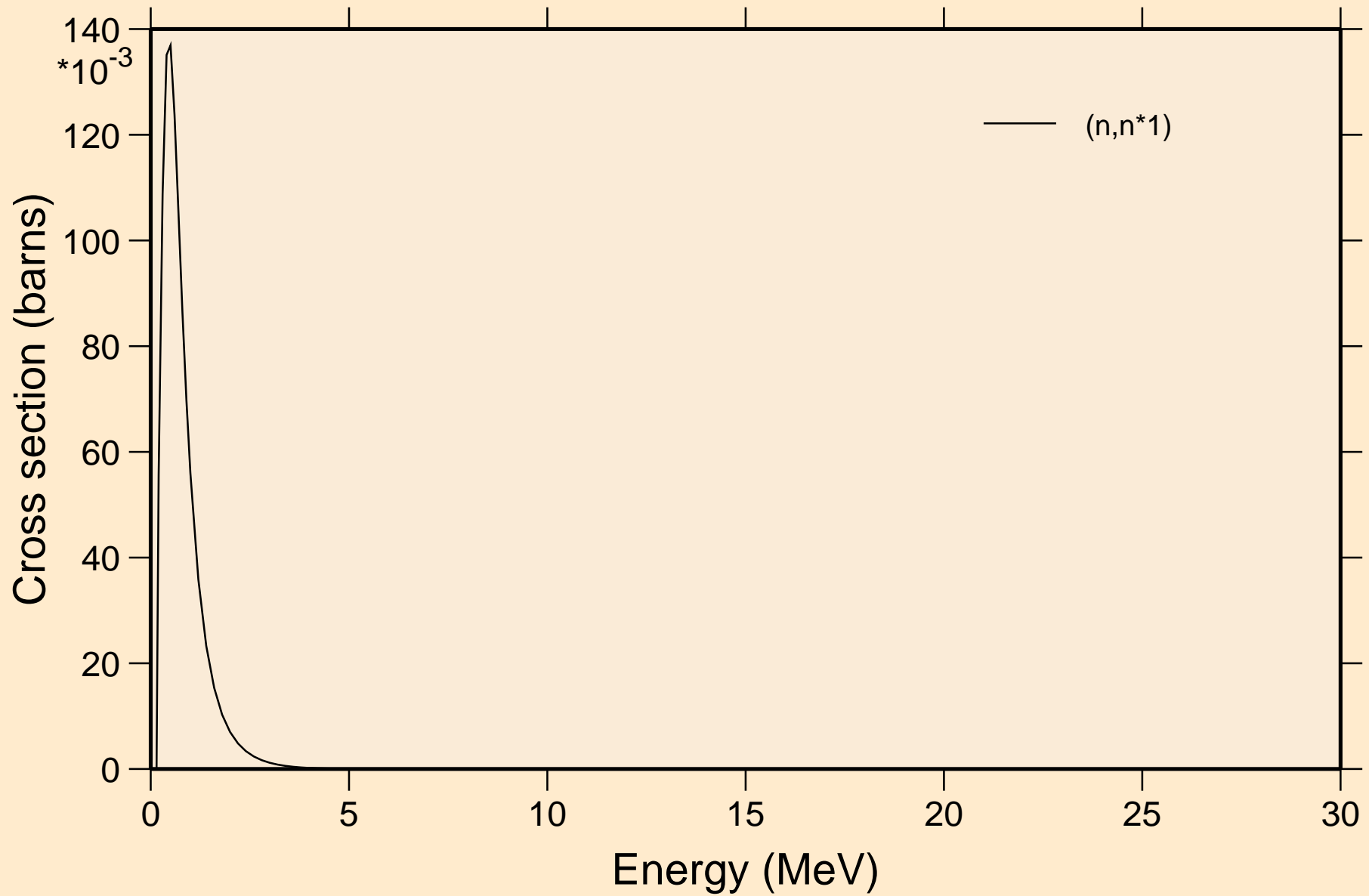
# RE178 NRG TENDL-2015, AKONING

## Non-threshold reactions



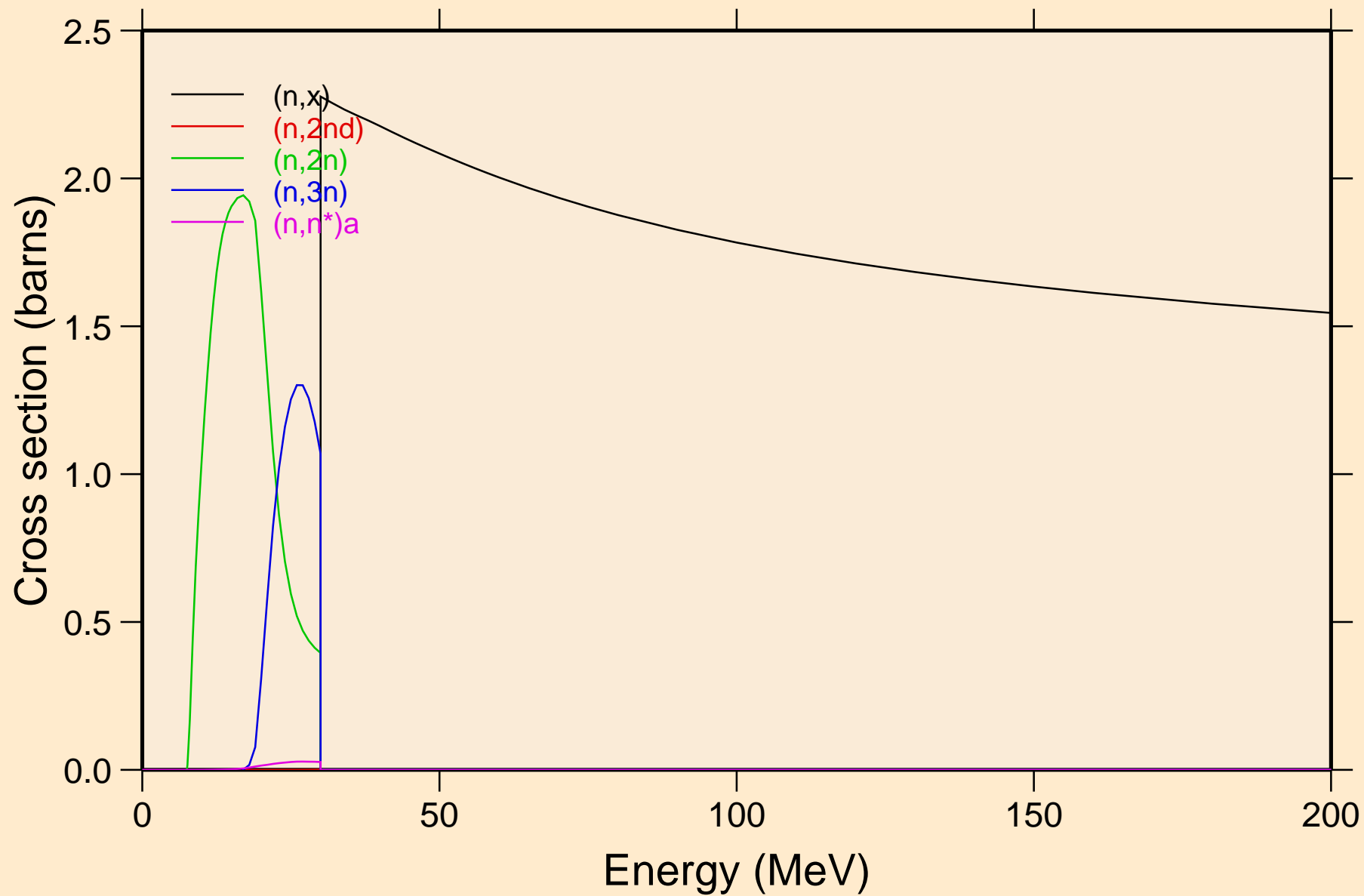
# RE178 NRG TENDL-2015, AKONING

## Inelastic levels



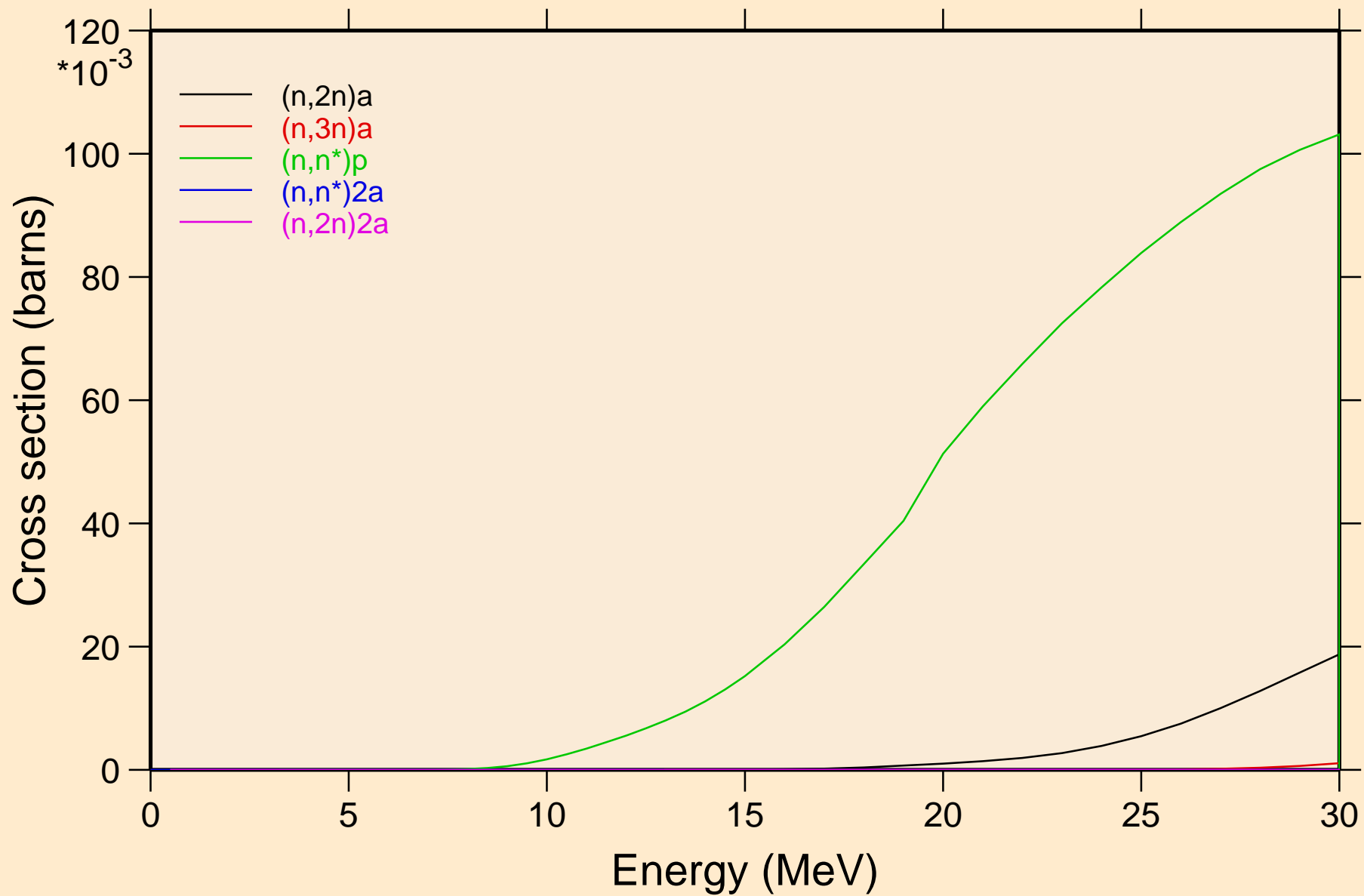
# RE178 NRG TENDL-2015, AKONING

## Threshold reactions



# RE178 NRG TENDL-2015, AKONING

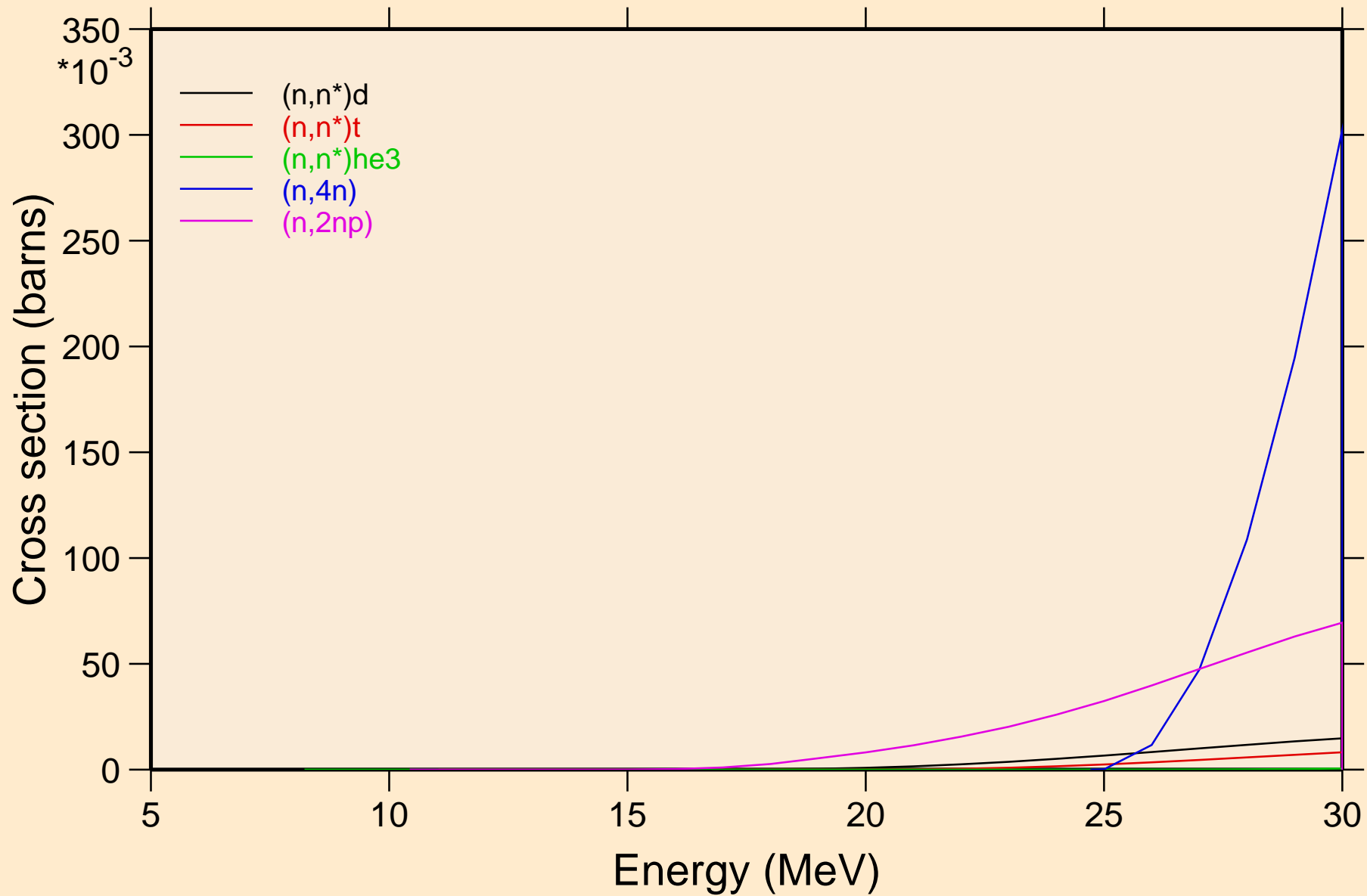
## Threshold reactions





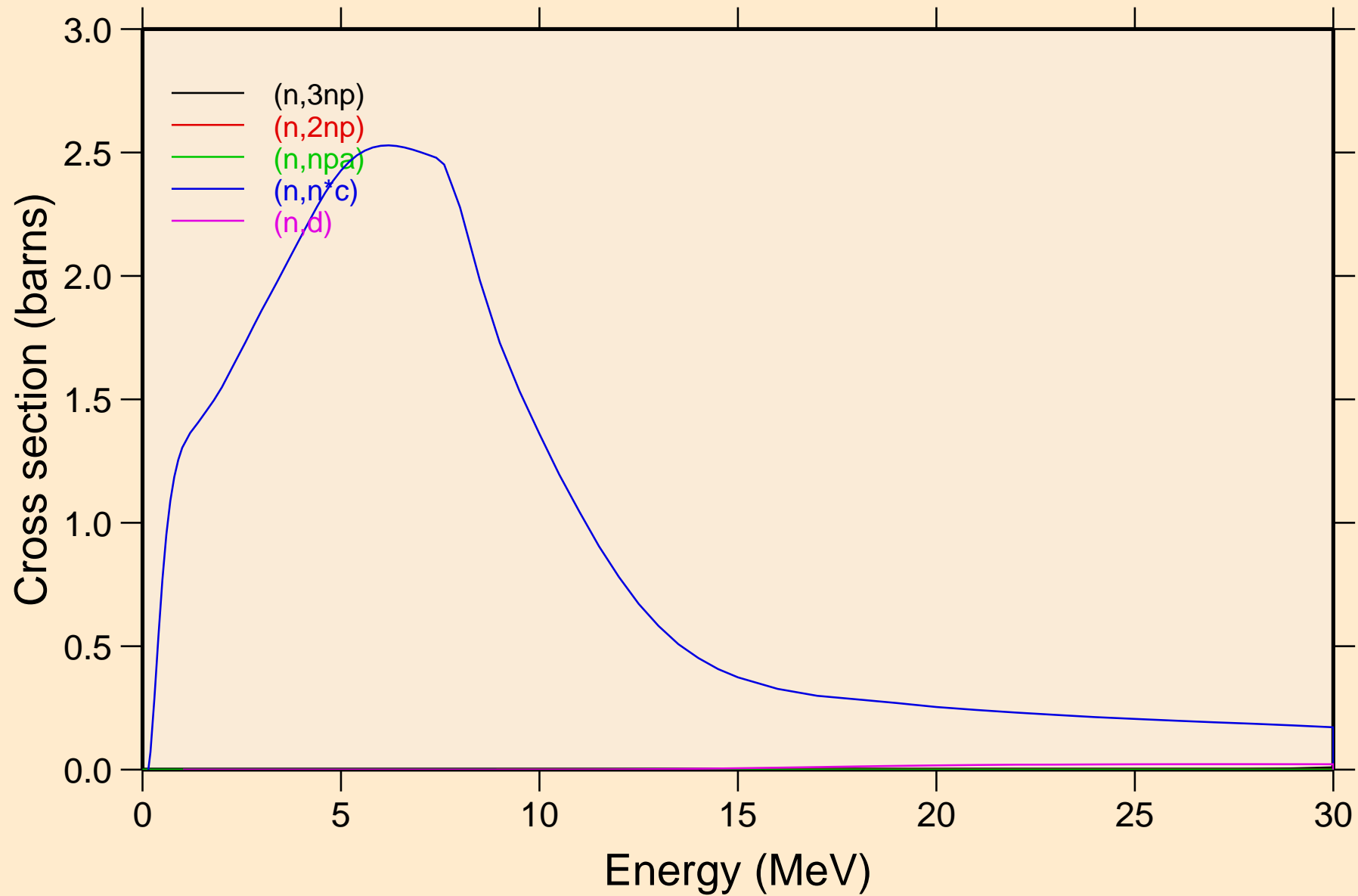
# RE178 NRG TENDL-2015, AKONING

## Threshold reactions



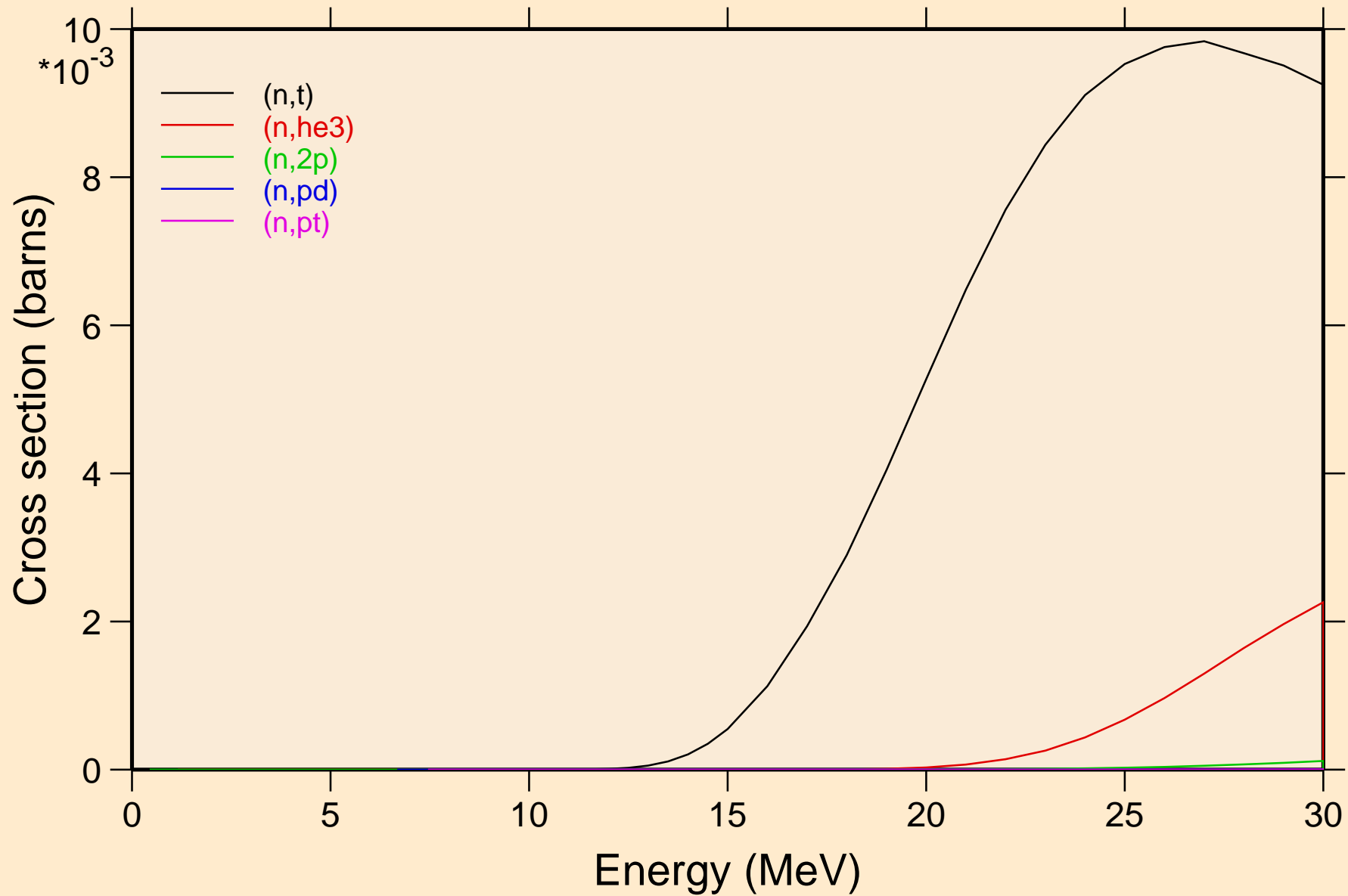
# RE178 NRG TENDL-2015, AKONING

## Threshold reactions



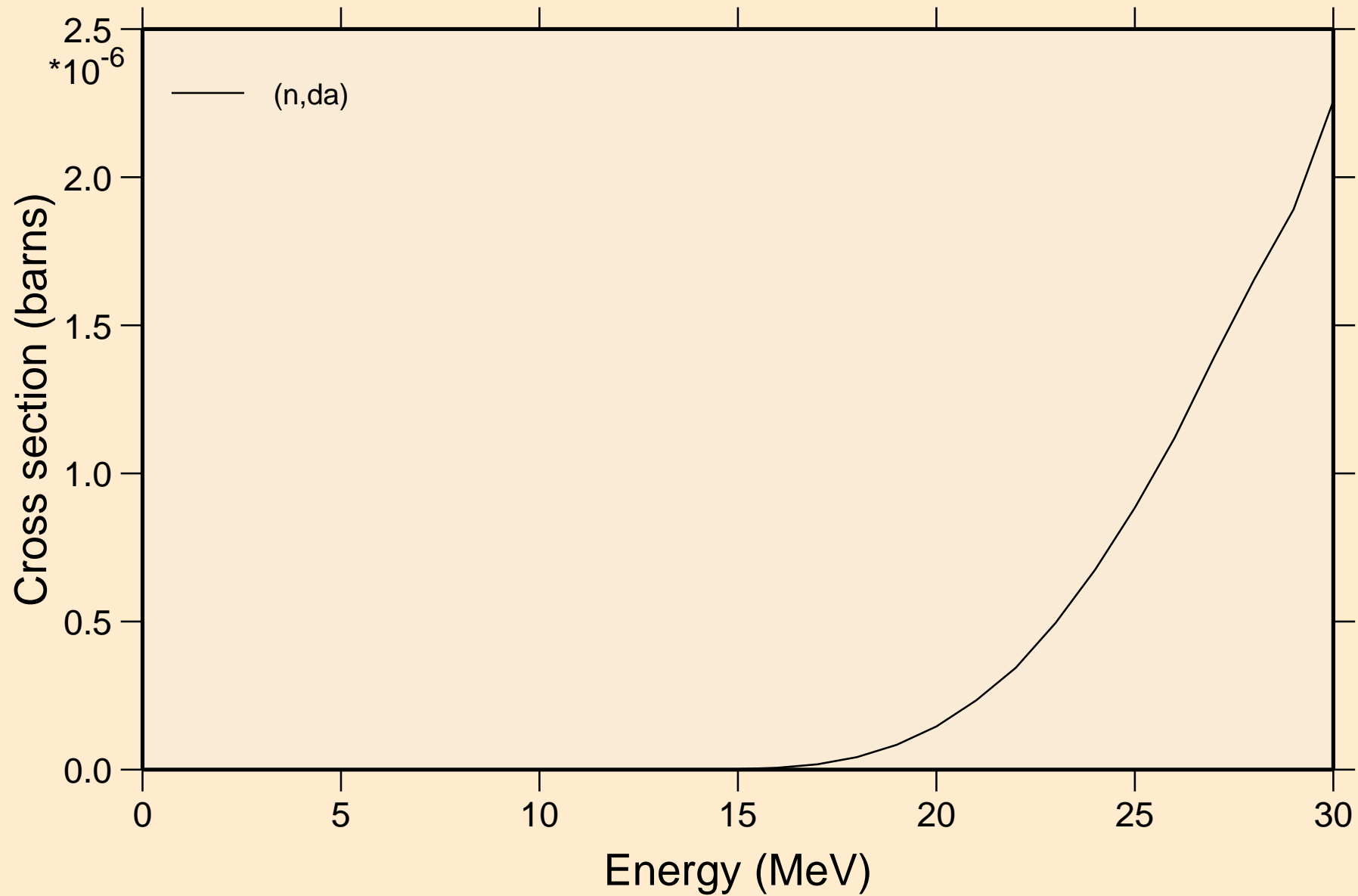
# RE178 NRG TENDL-2015, AKONING

## Threshold reactions

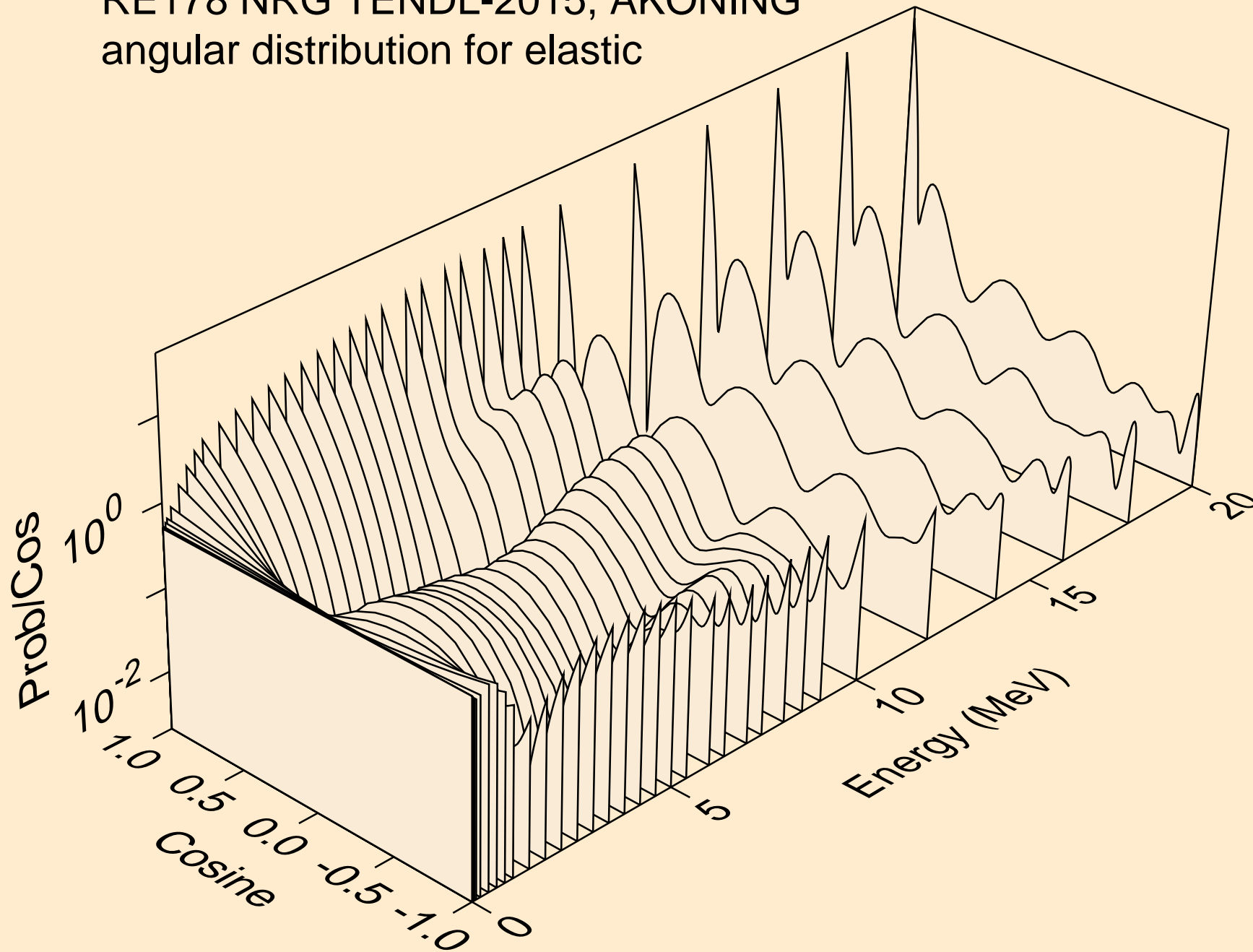


# RE178 NRG TENDL-2015, AKONING

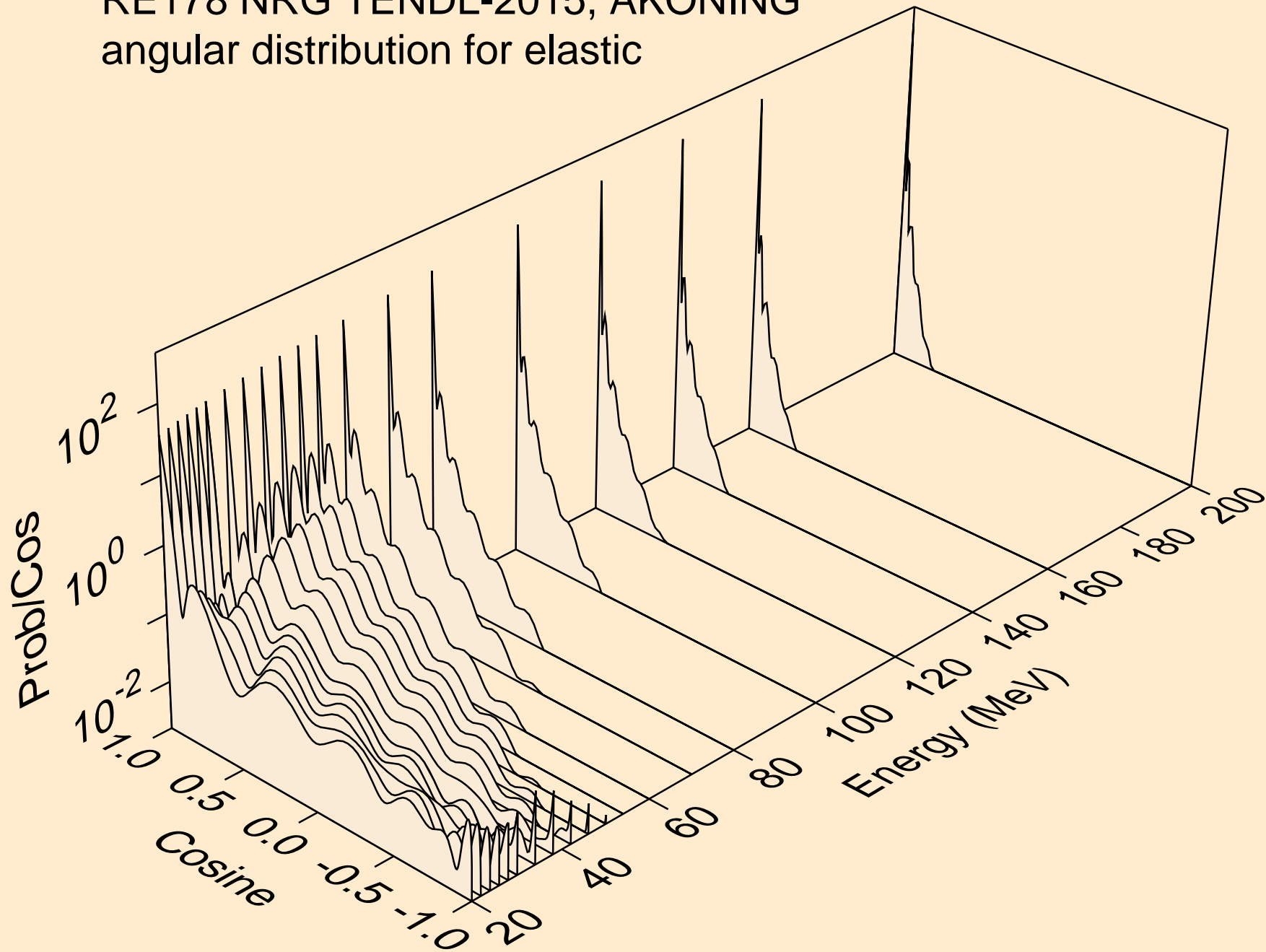
## Threshold reactions



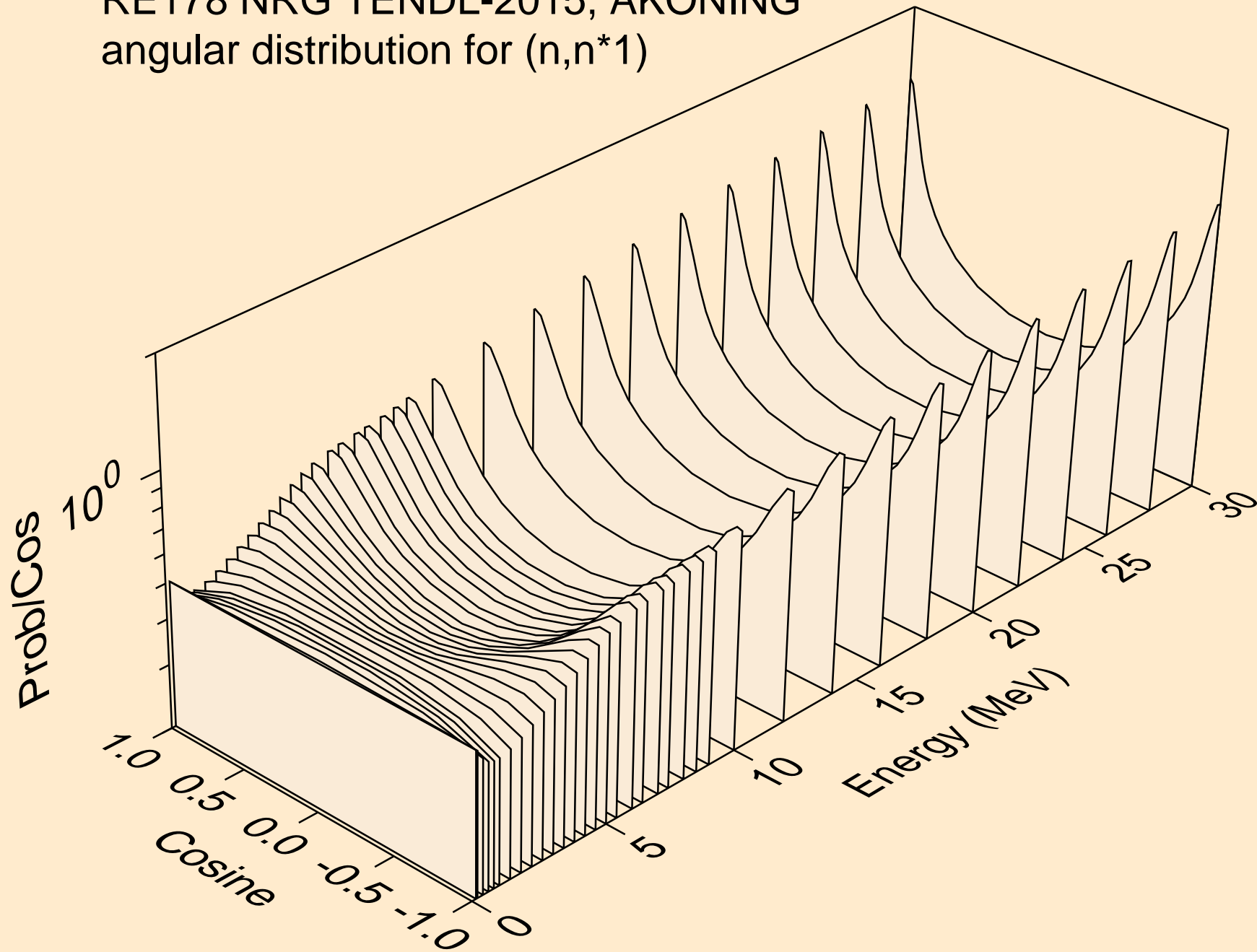
RE178 NRG TENDL-2015, AKONING  
angular distribution for elastic



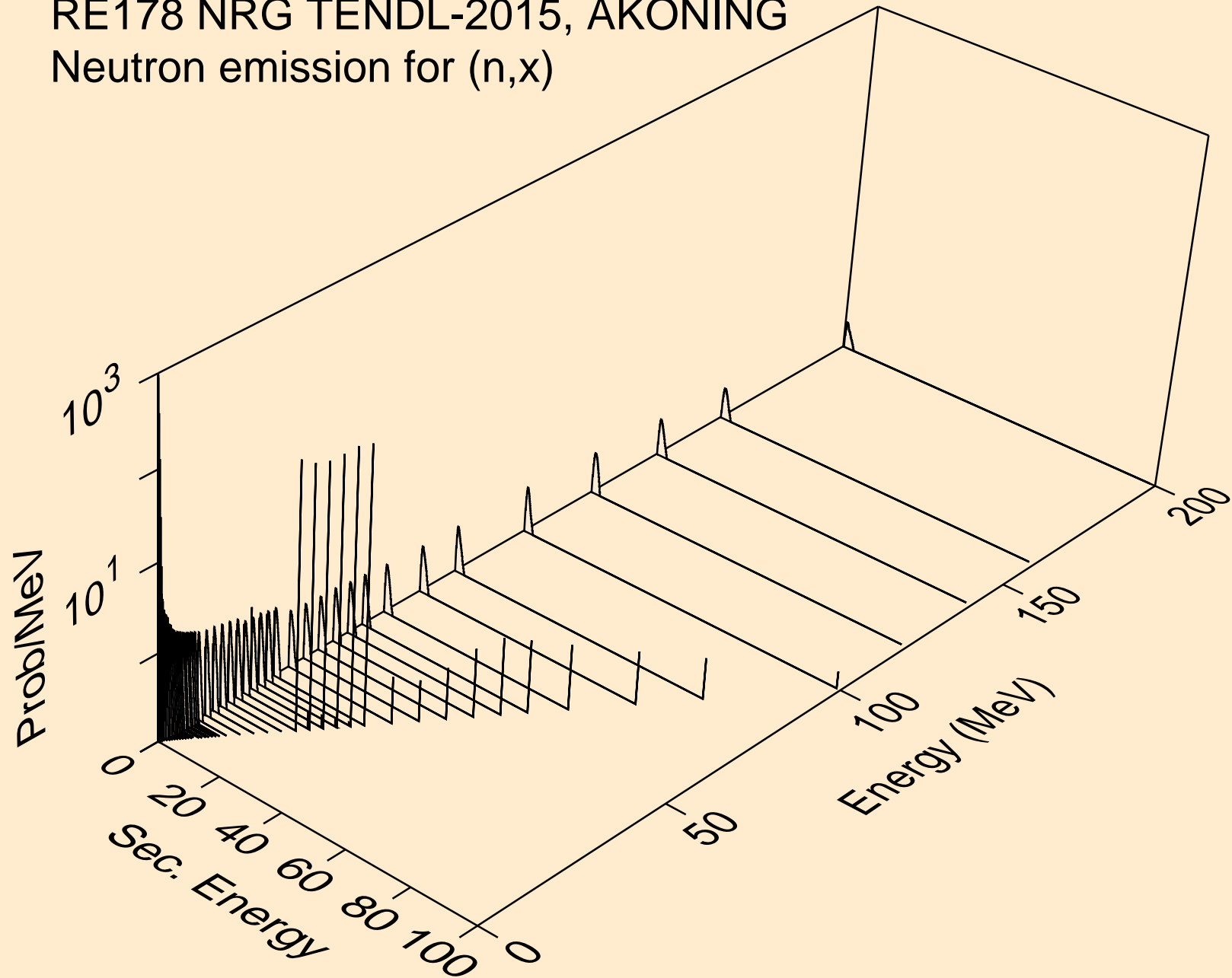
RE178 NRG TENDL-2015, AKONING  
angular distribution for elastic



RE178 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

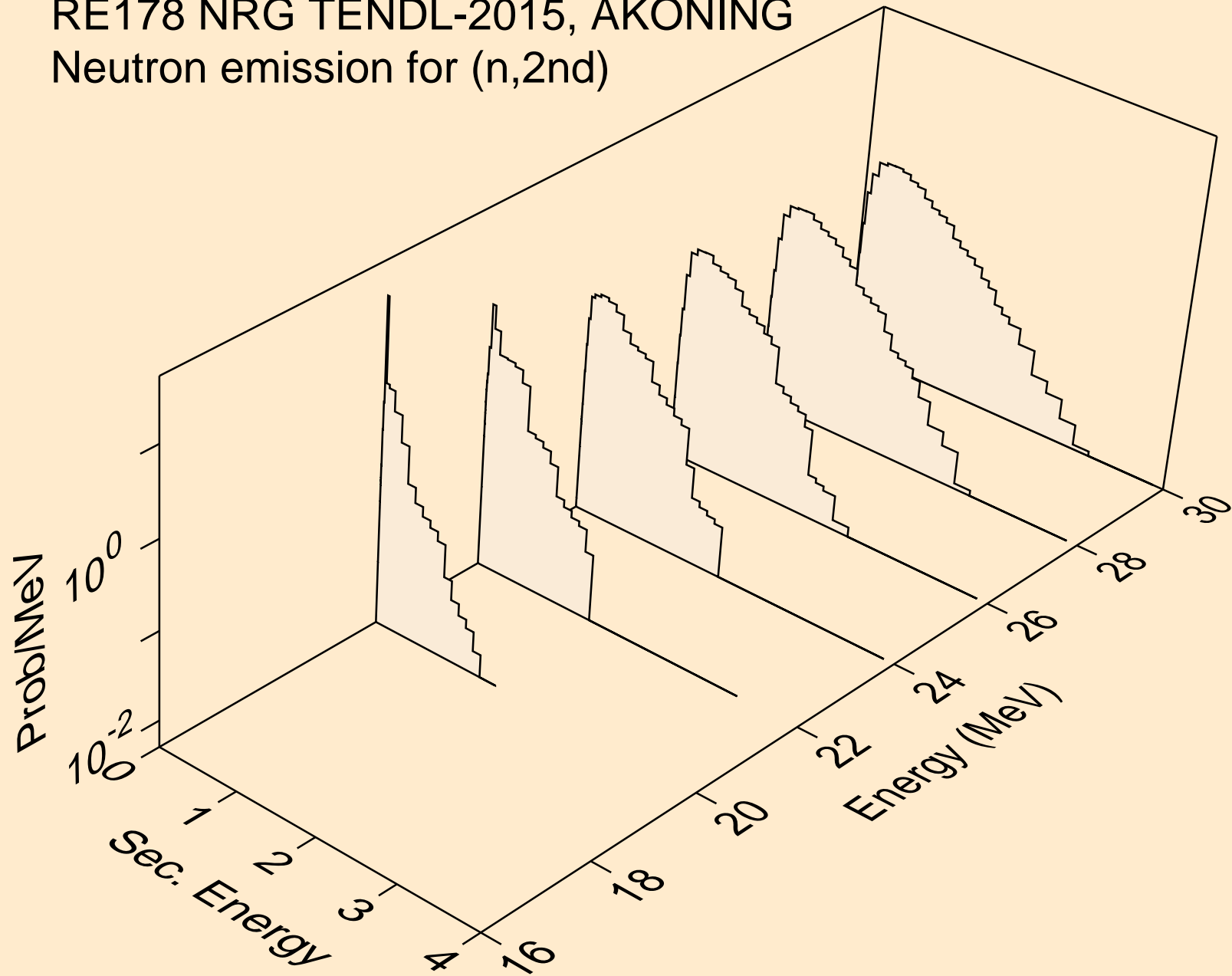


RE178 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

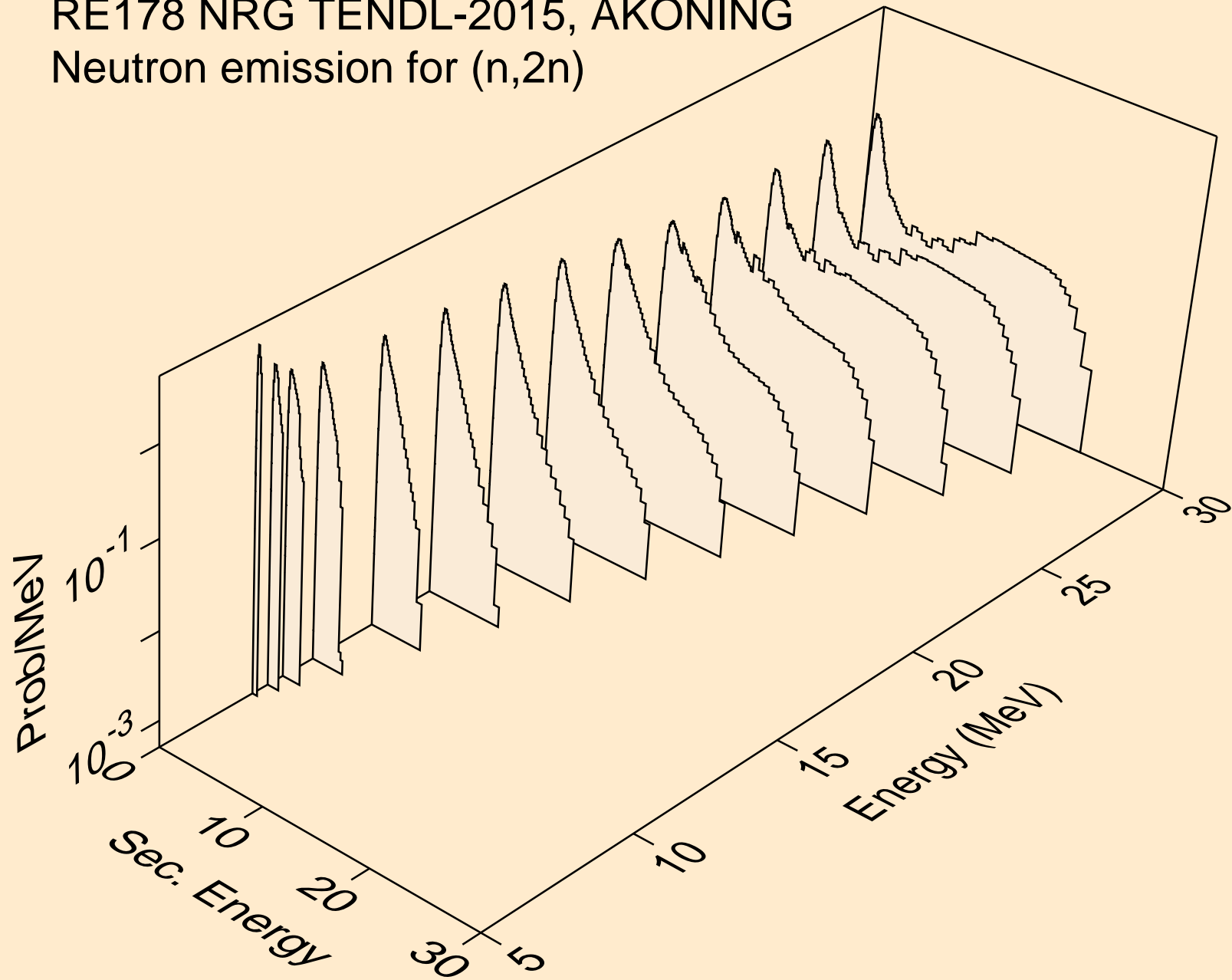




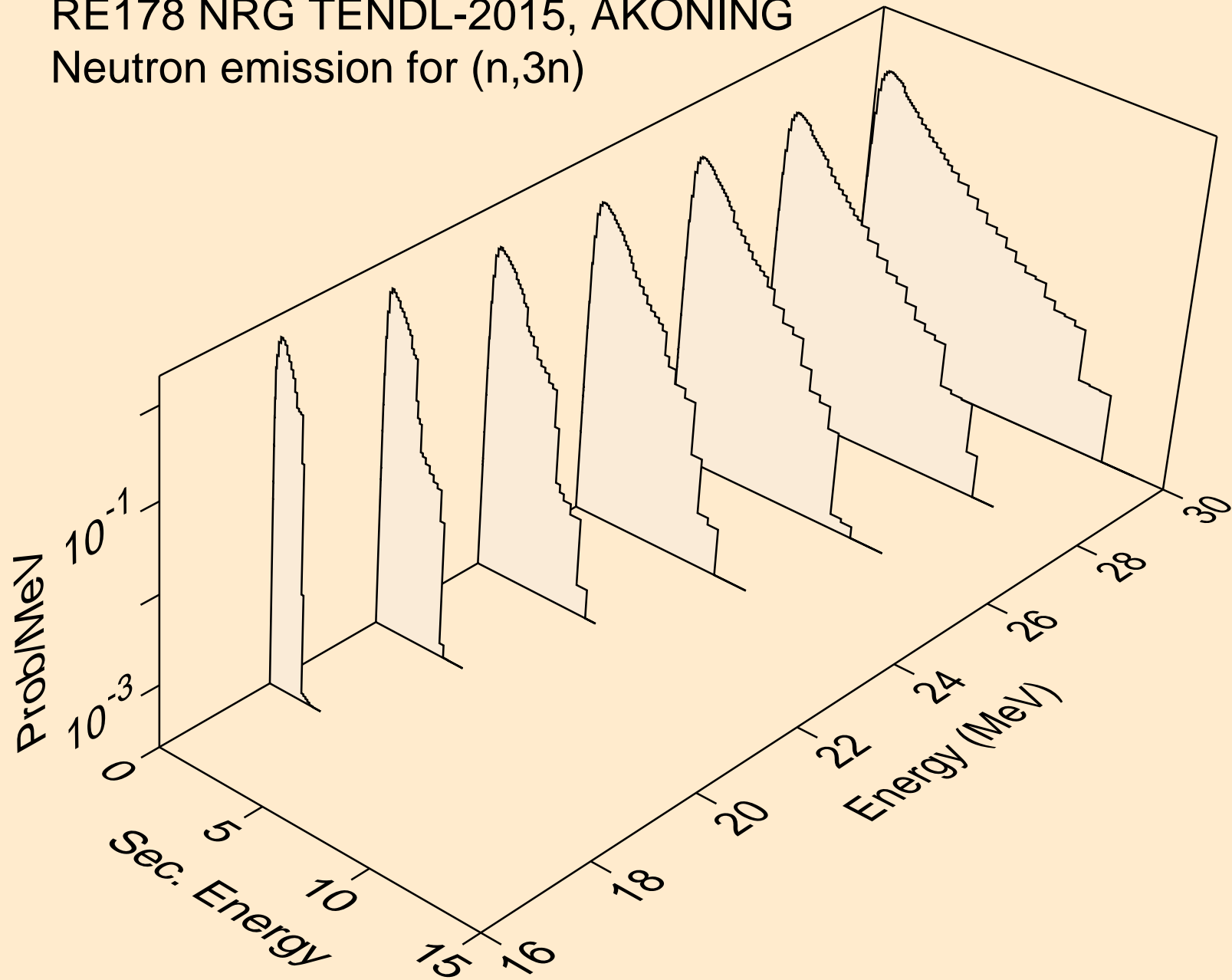
RE178 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



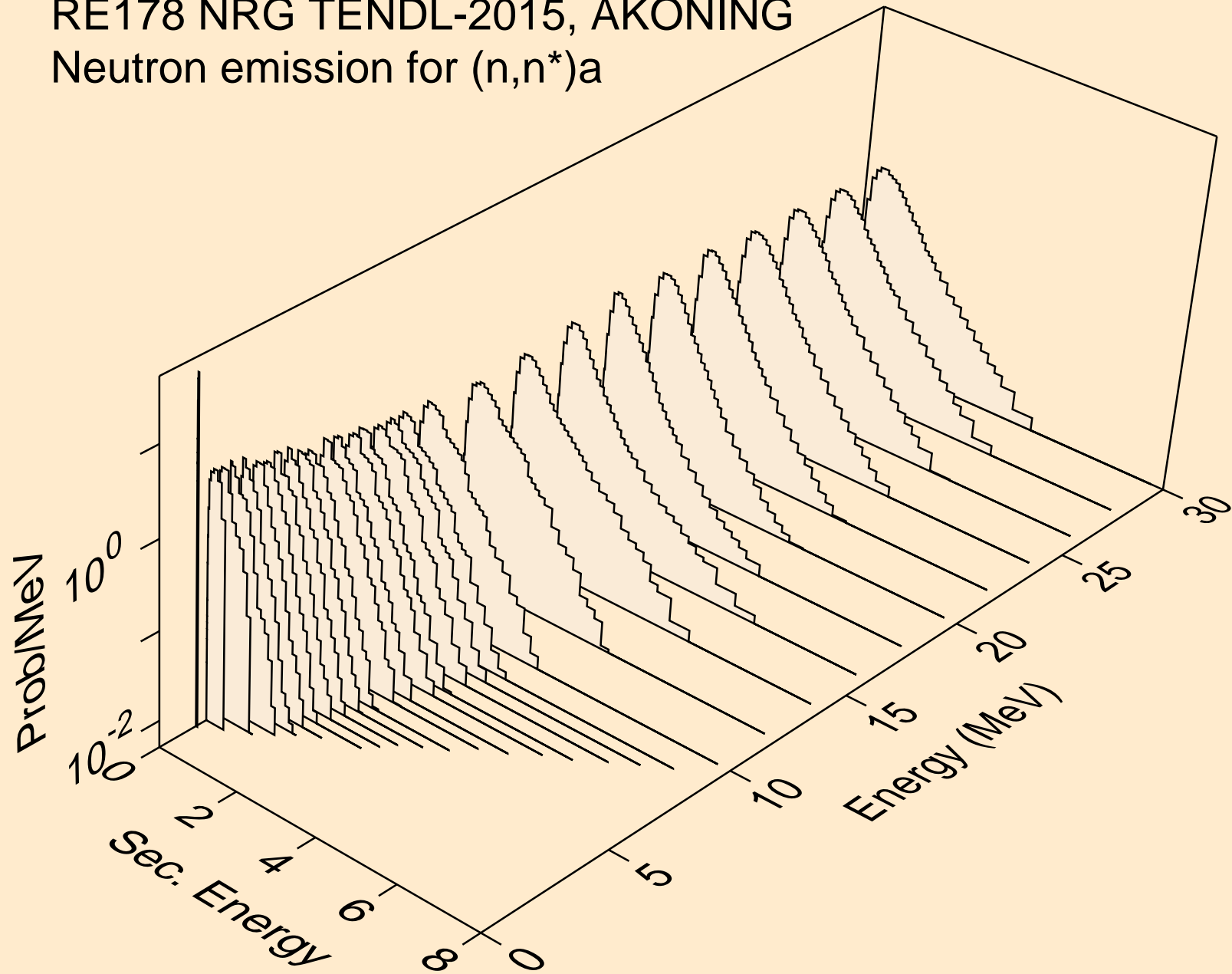
RE178 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



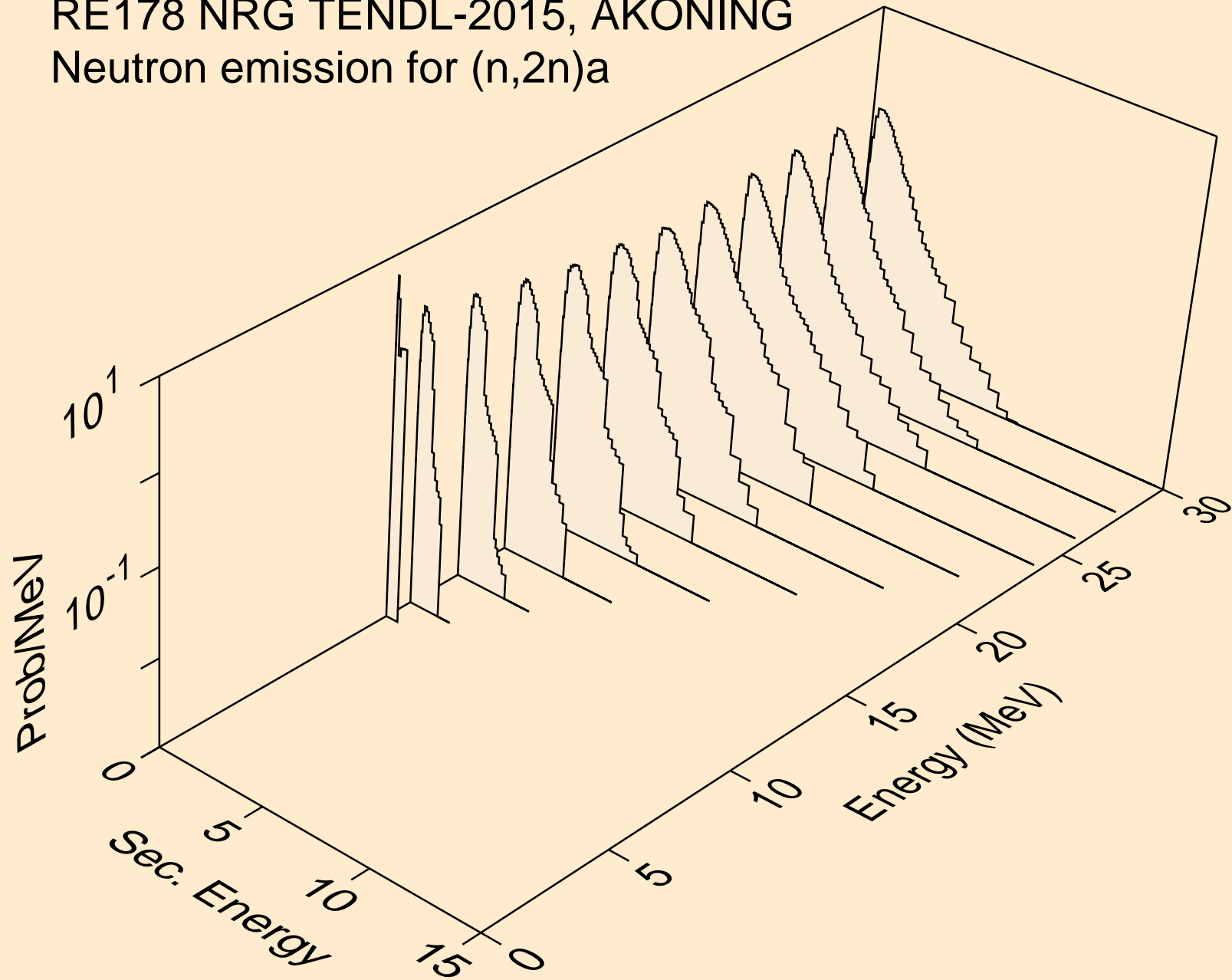
RE178 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



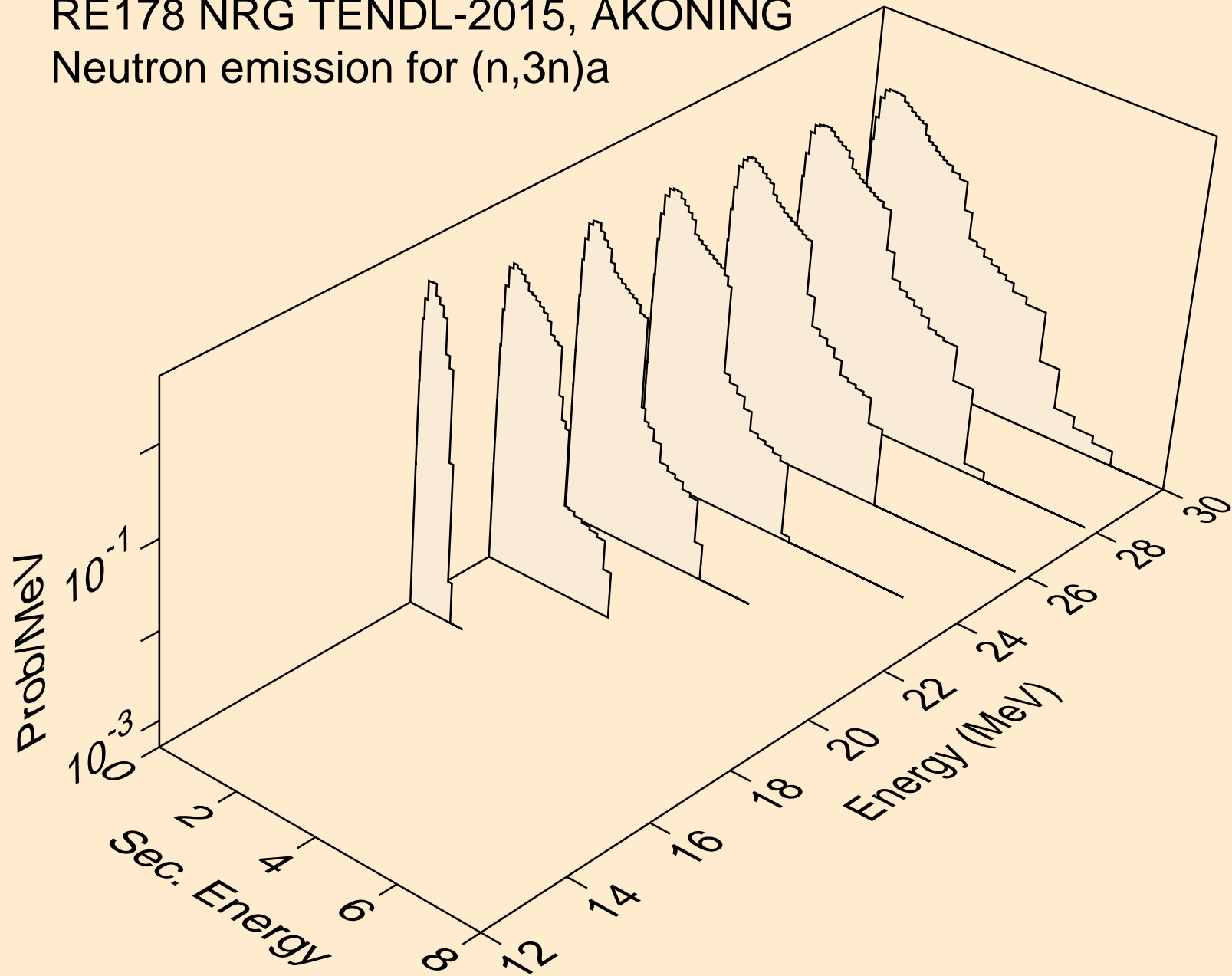
RE178 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



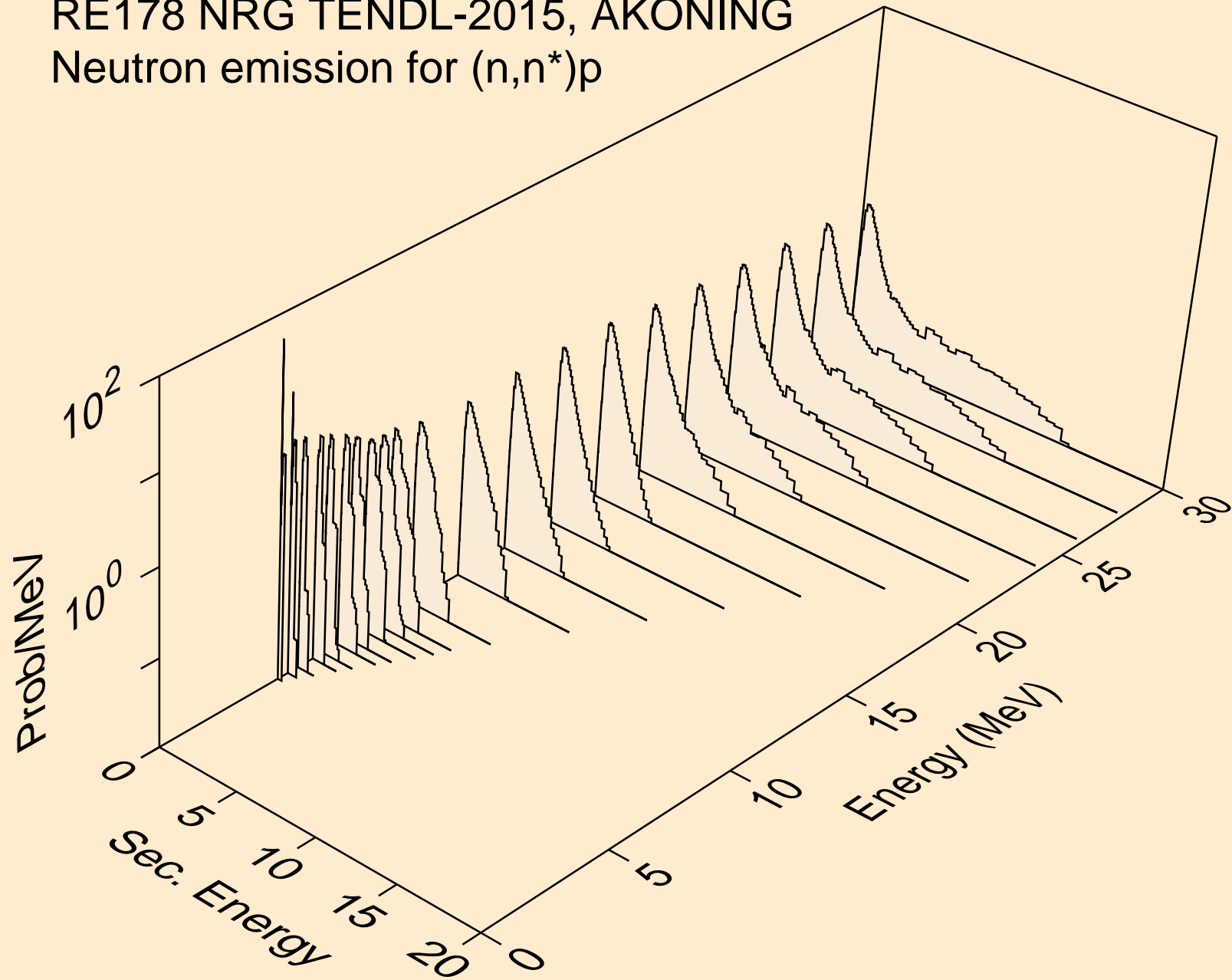
RE178 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



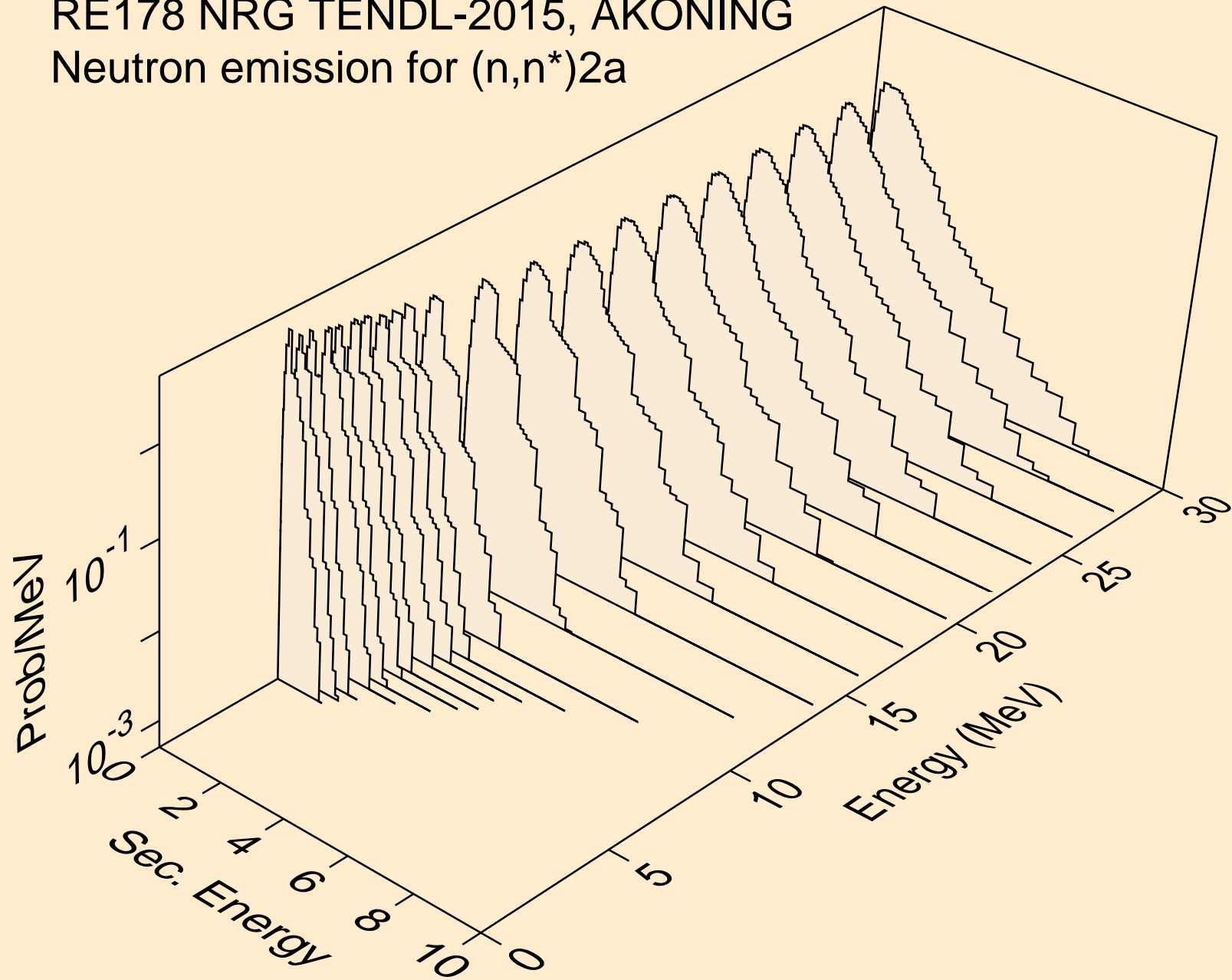
RE178 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



RE178 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

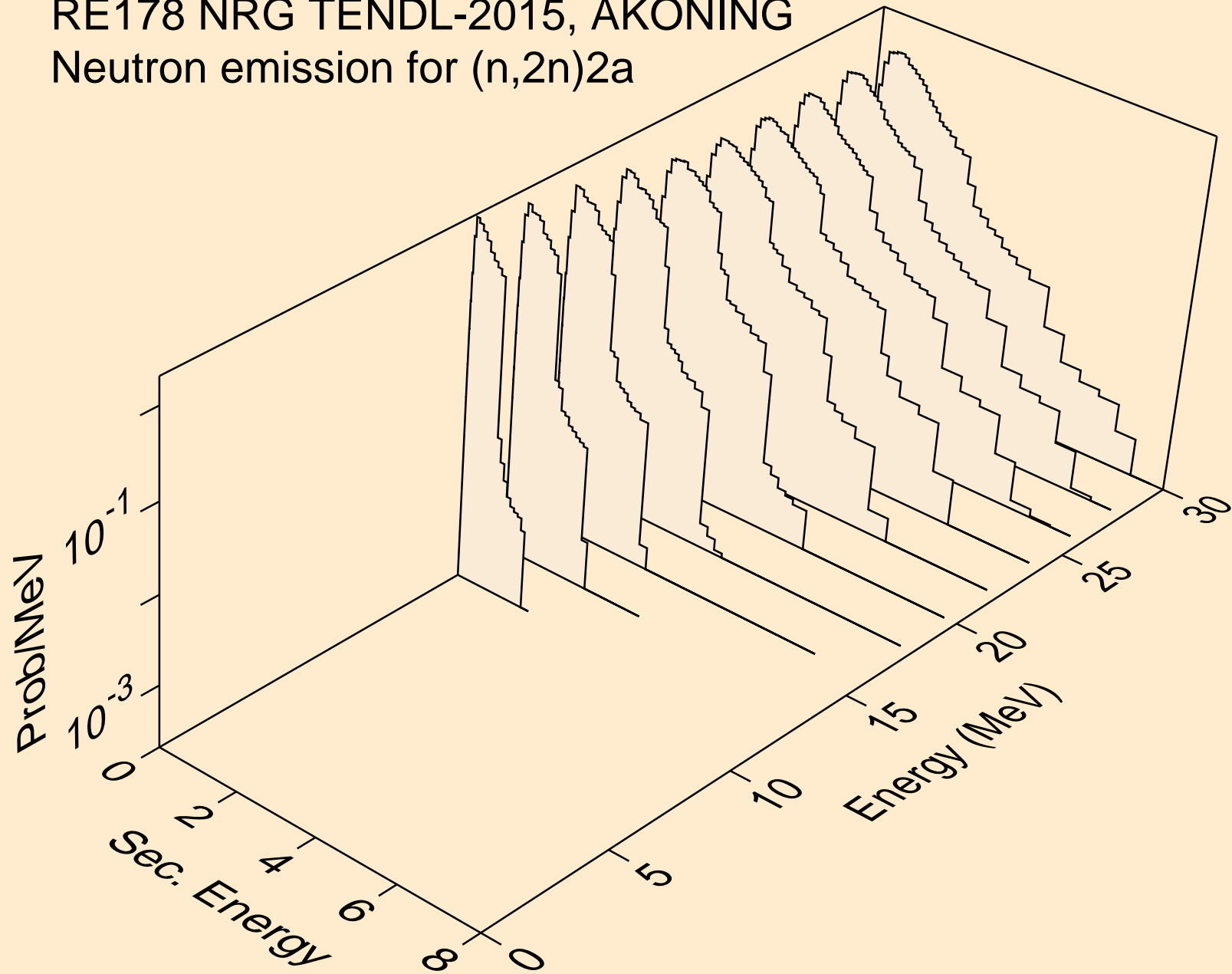


RE178 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

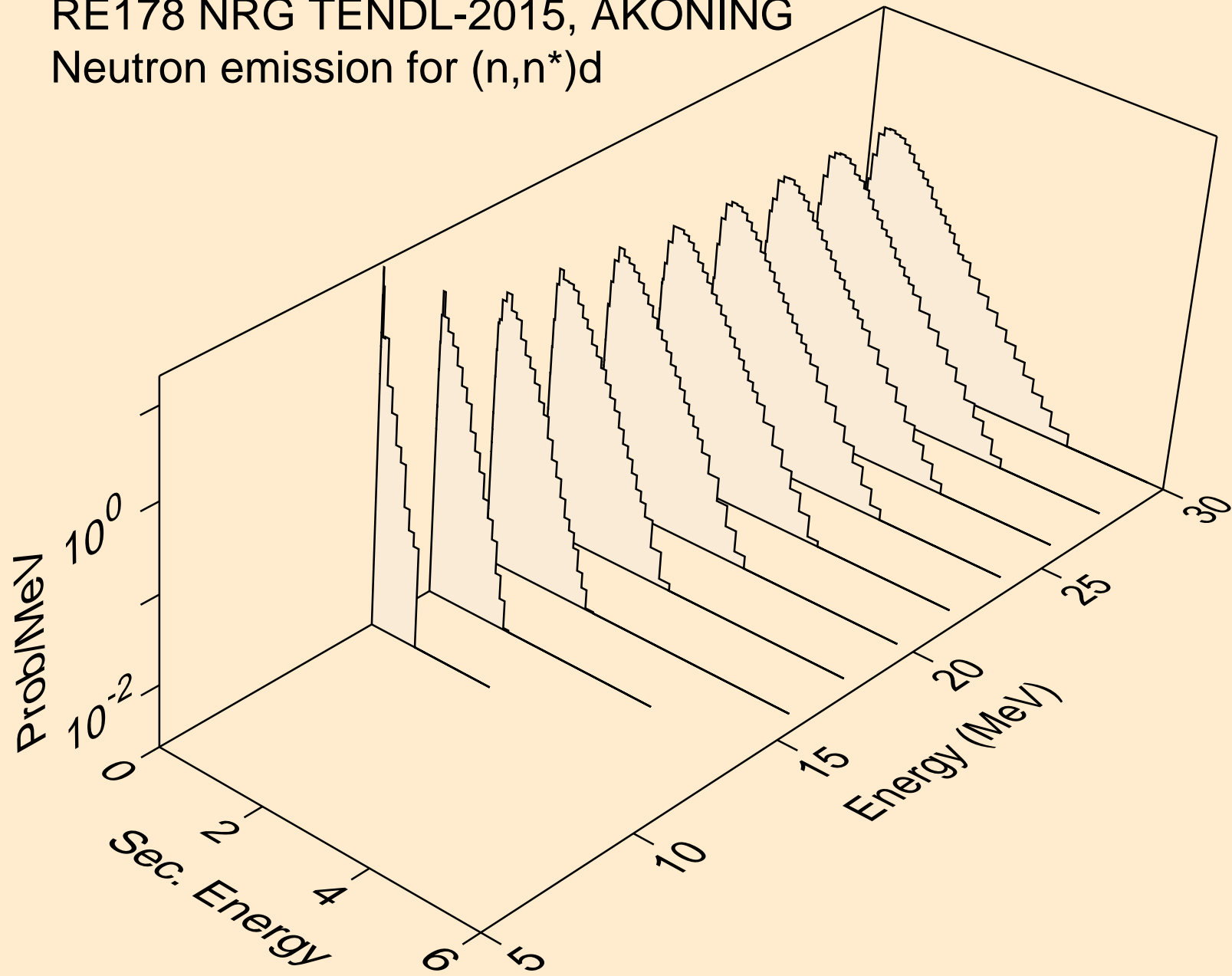




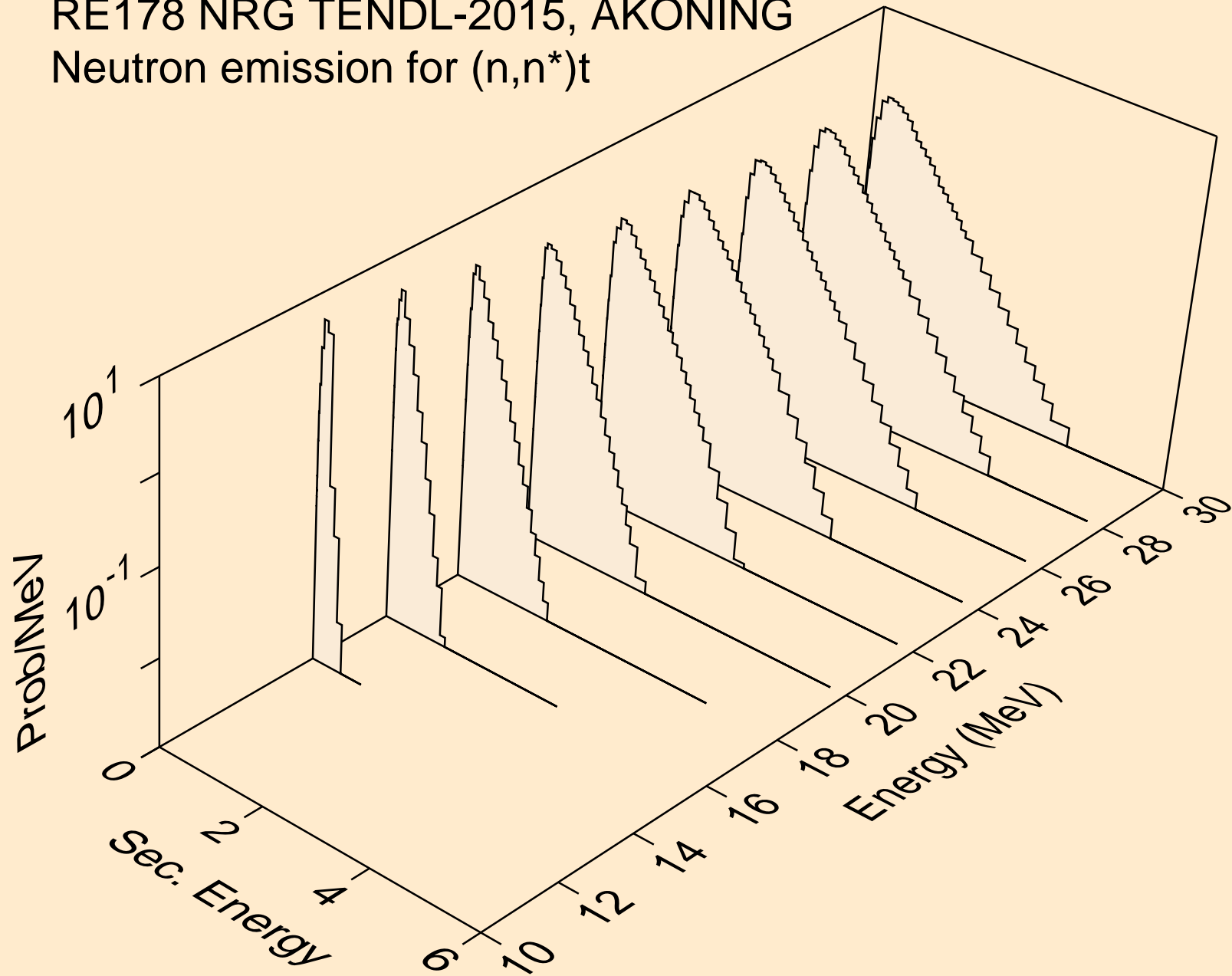
RE178 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)<sub>2a</sub>



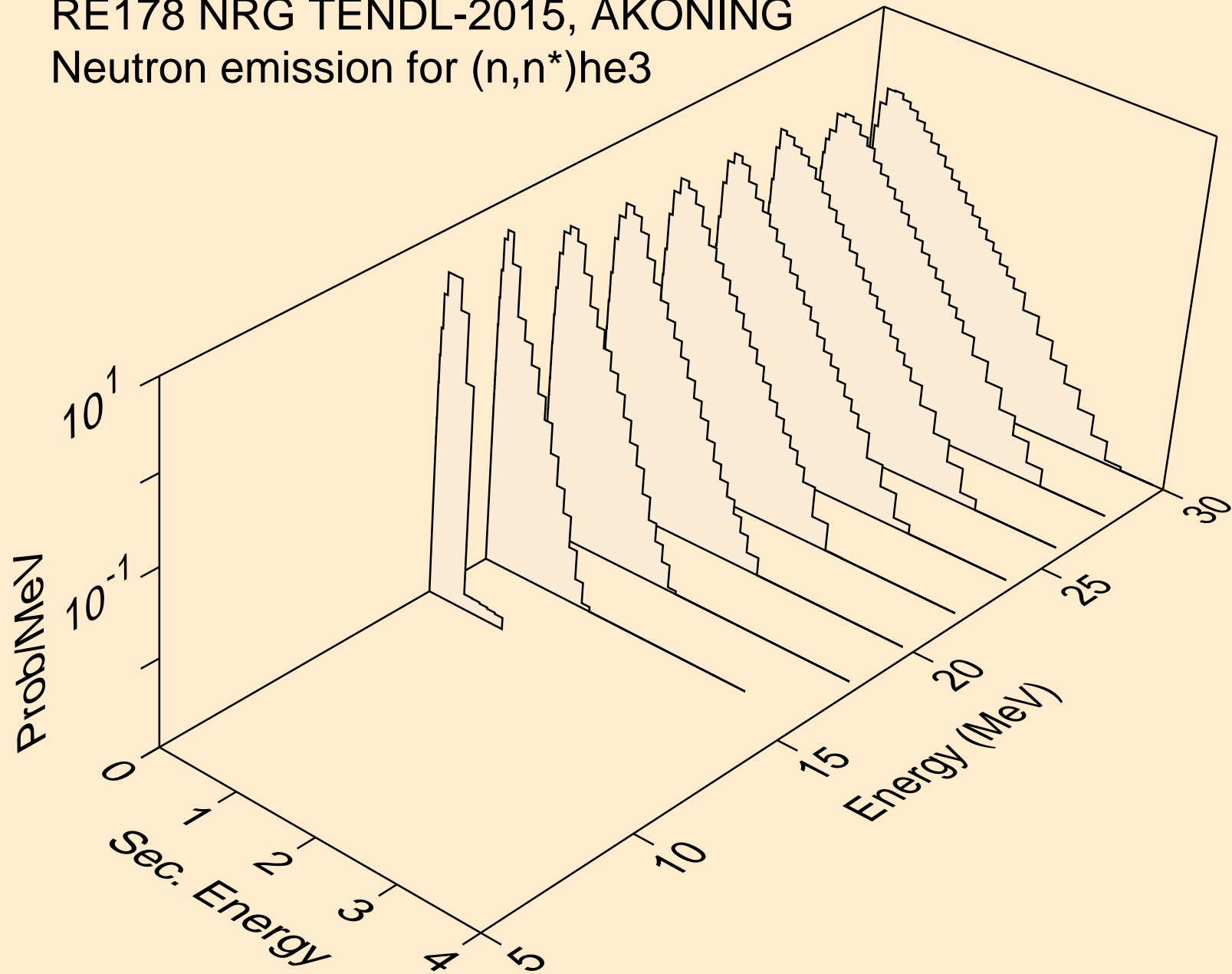
RE178 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



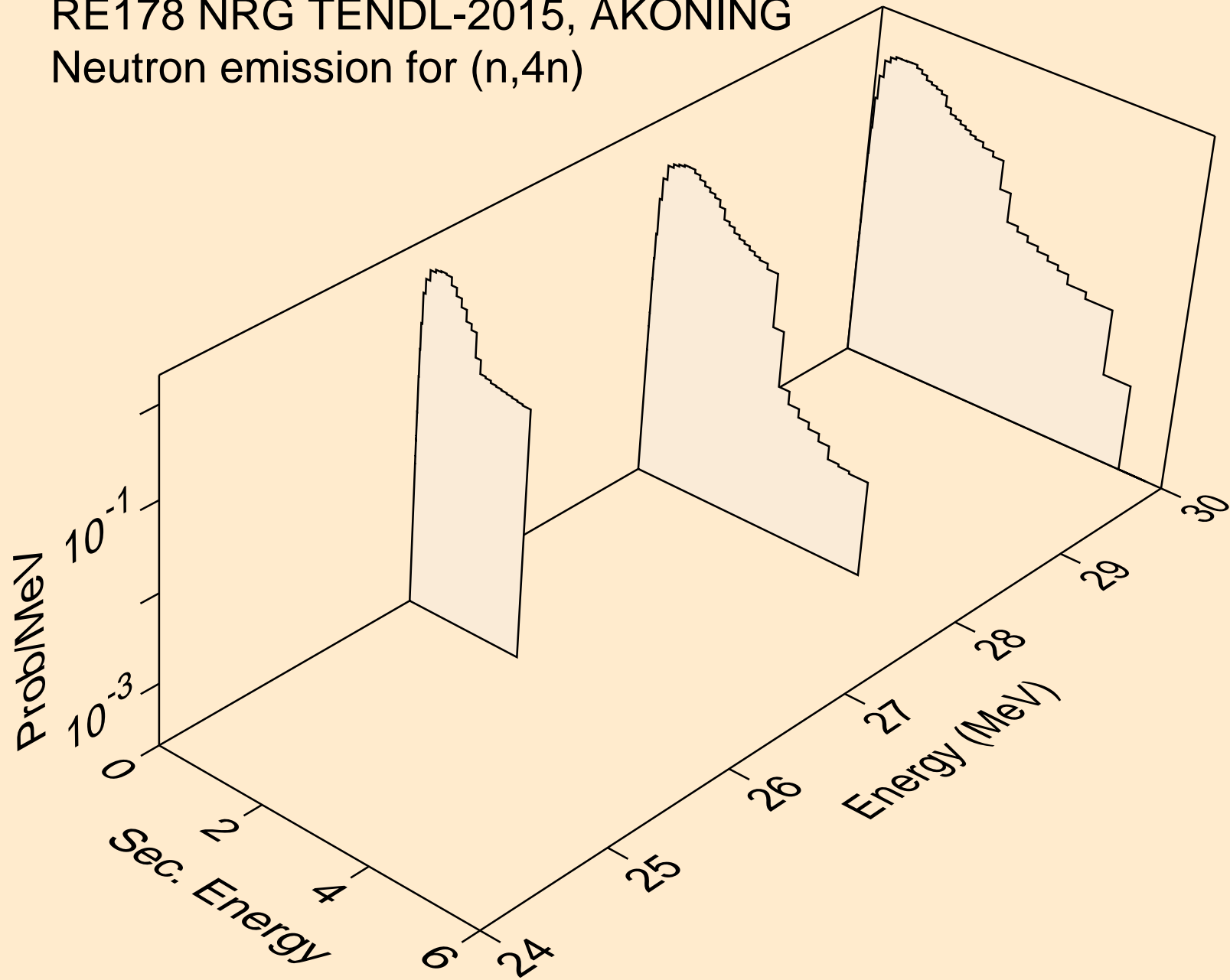
RE178 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



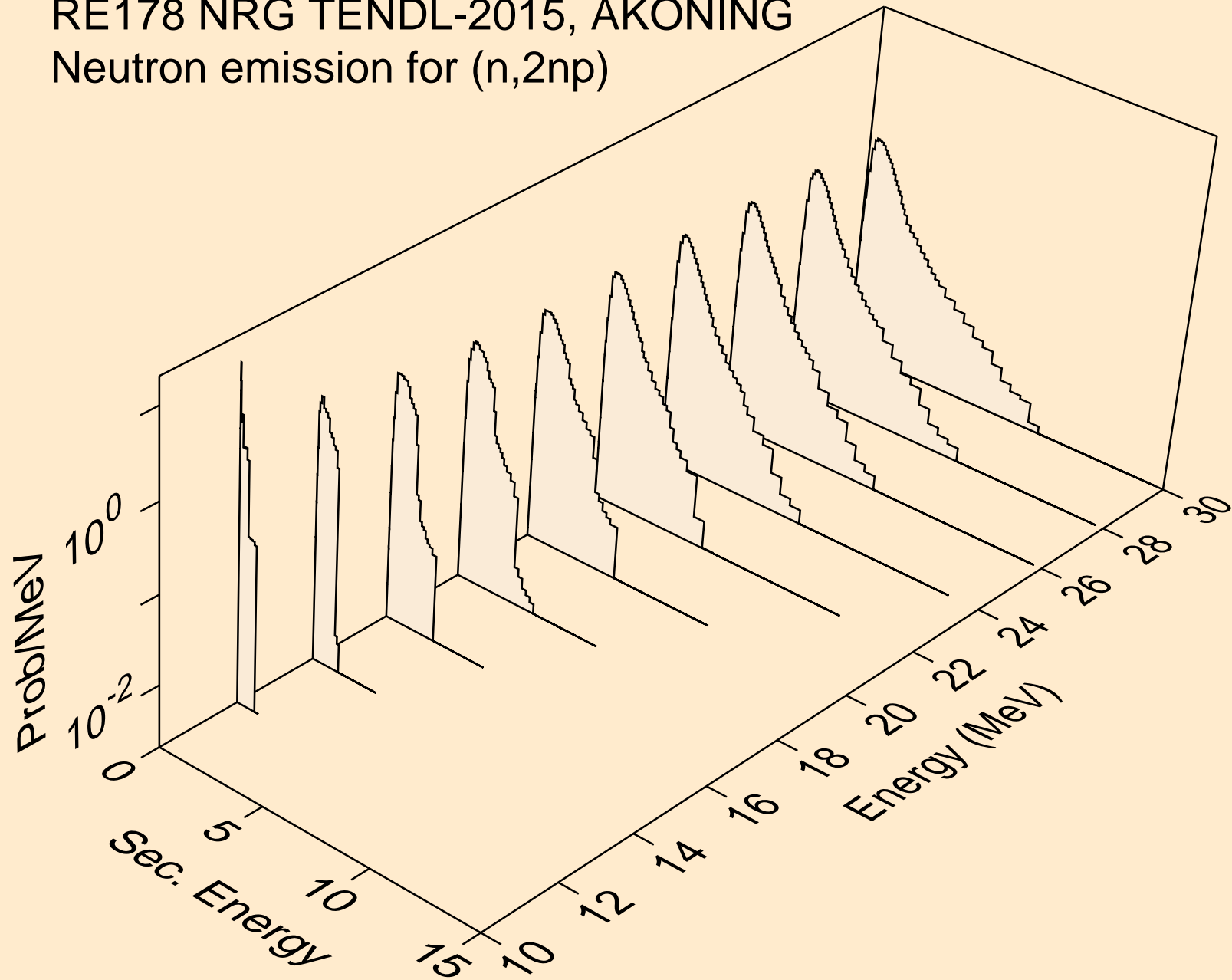
RE178 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



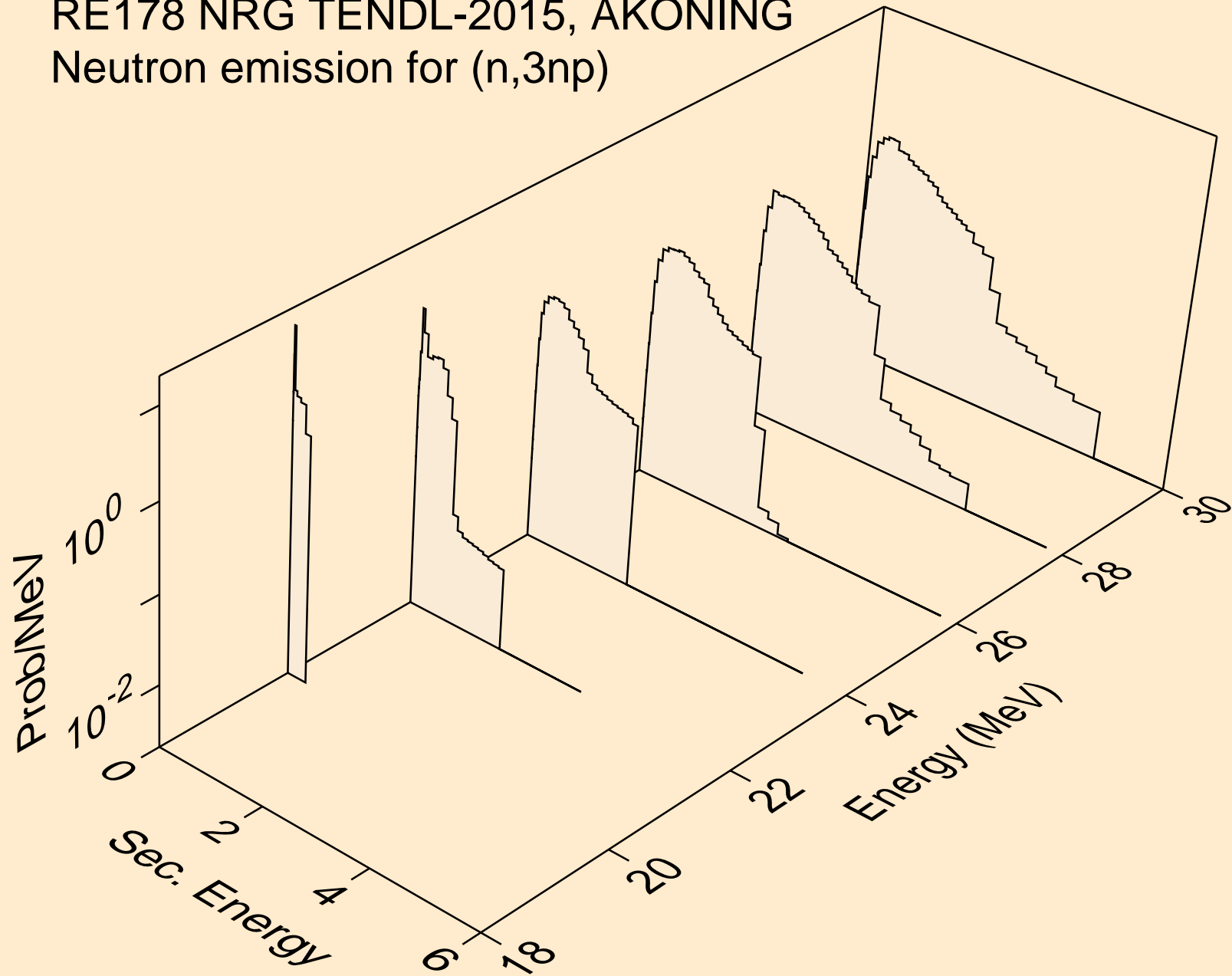
RE178 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



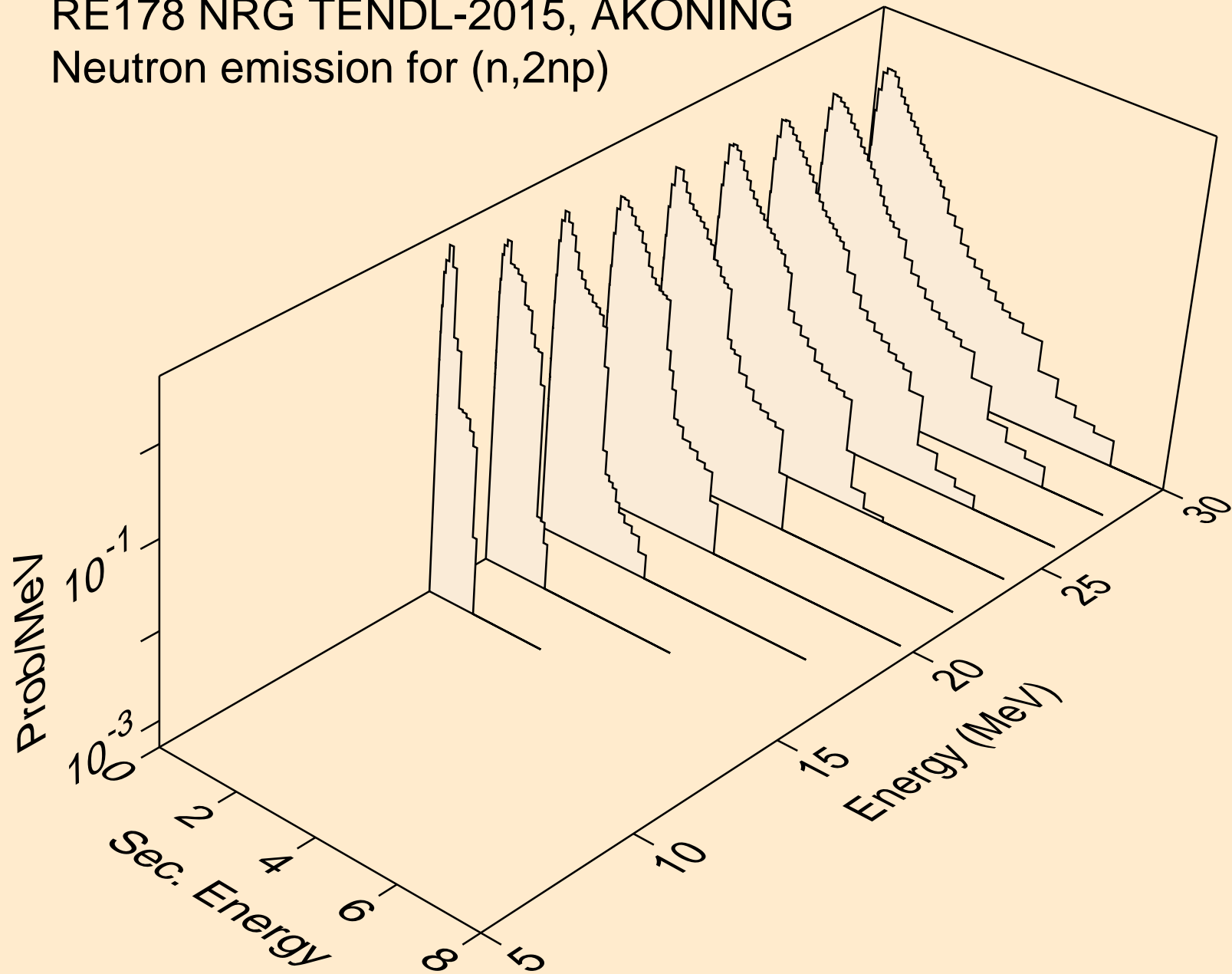
RE178 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



RE178 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

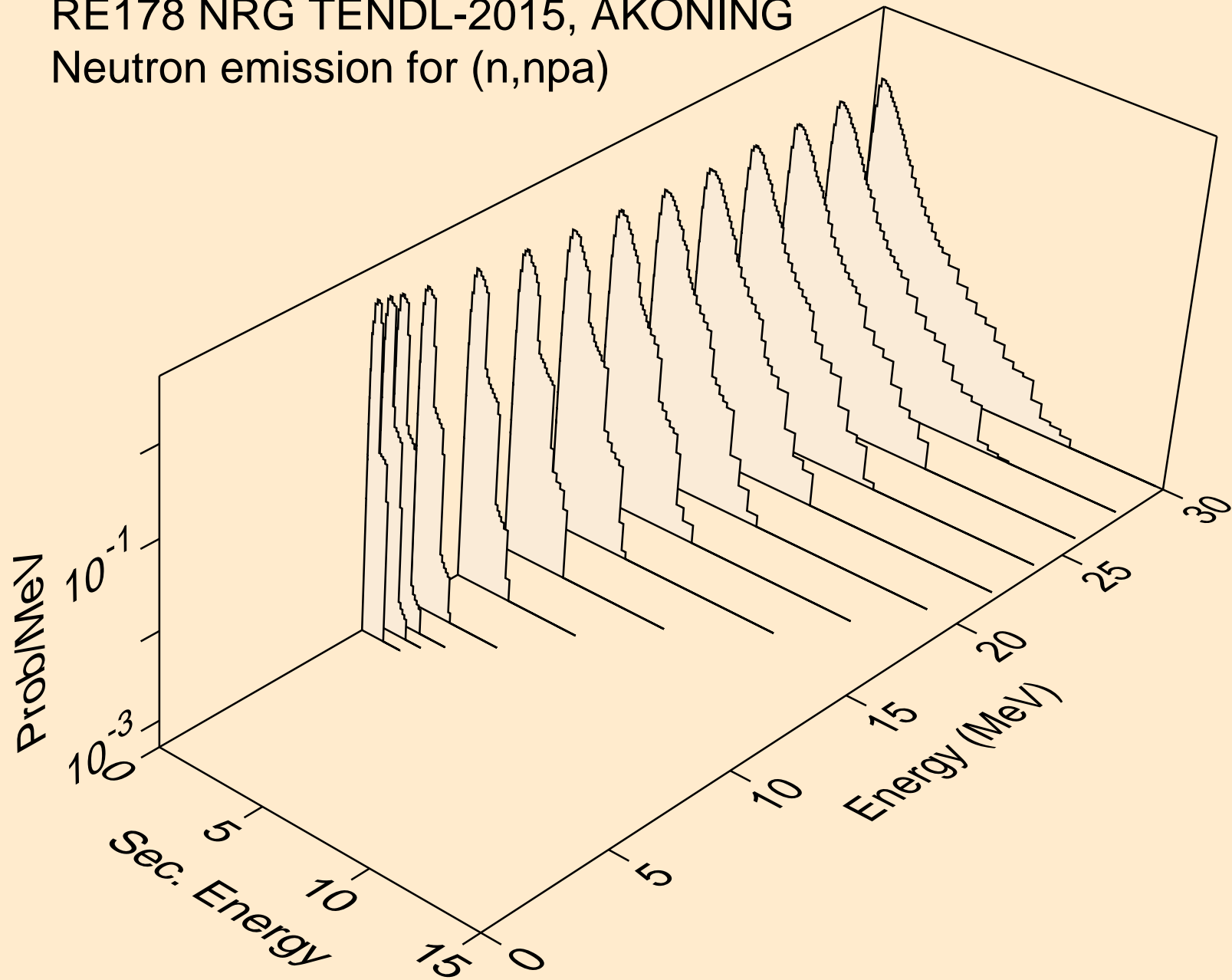


RE178 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

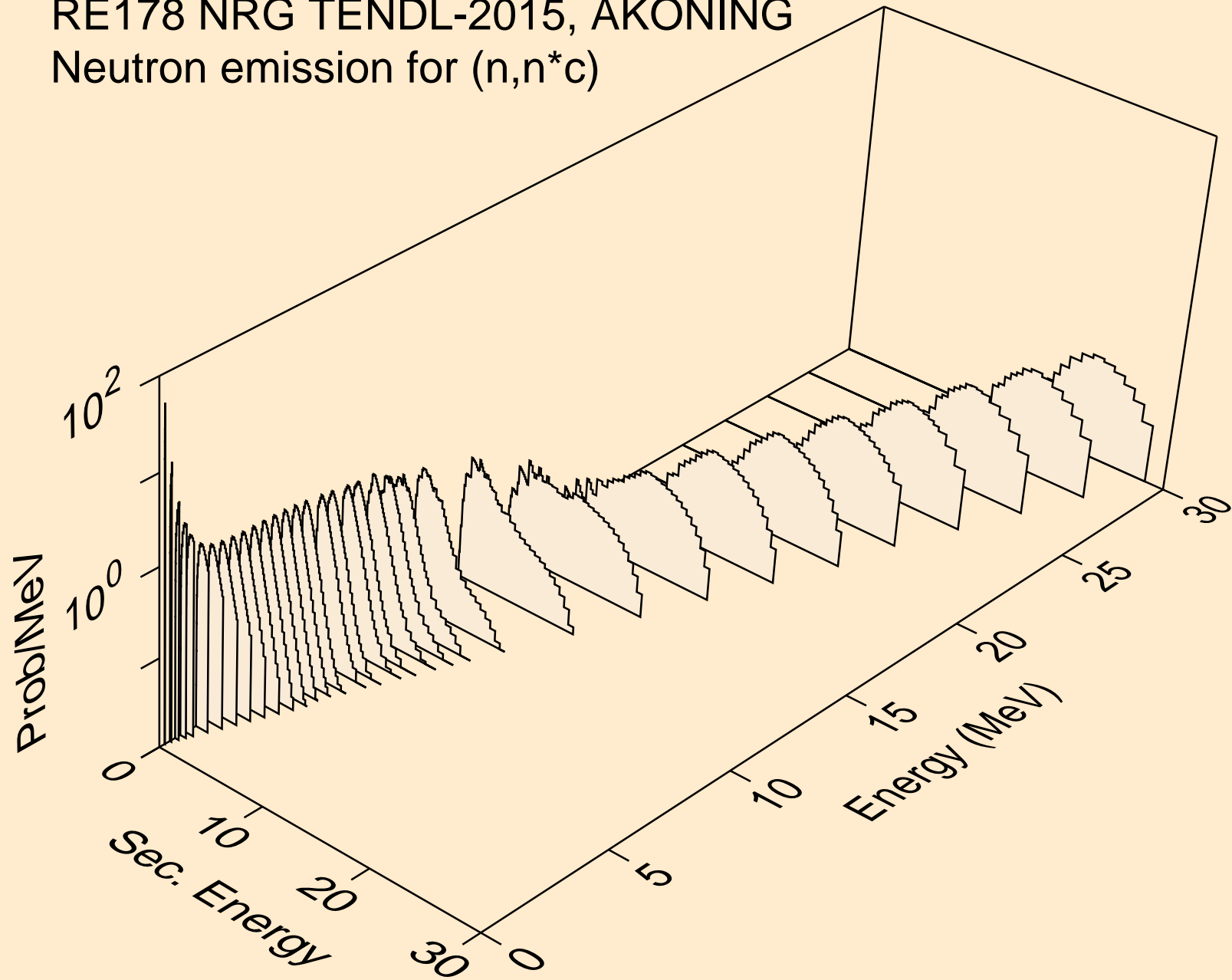




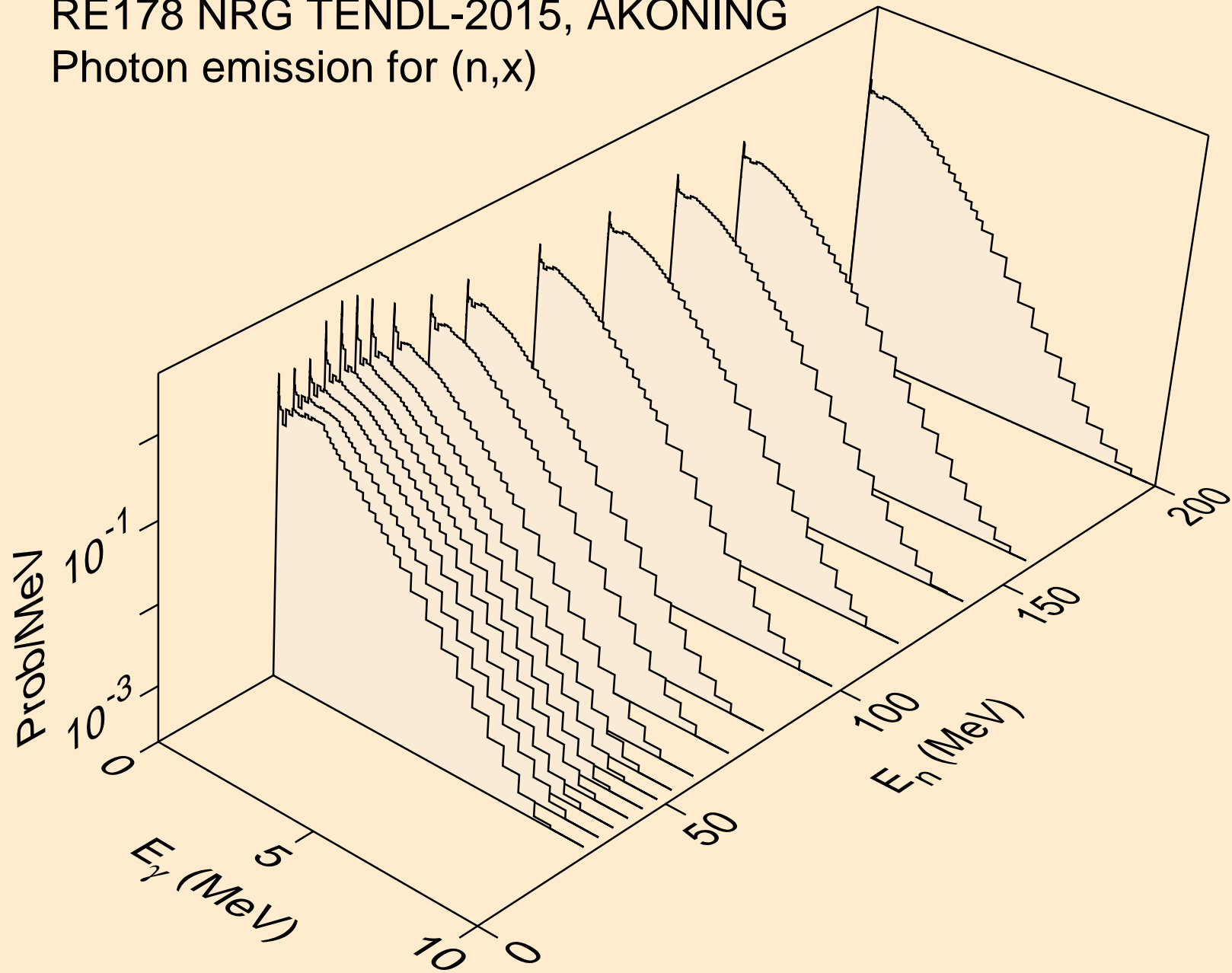
RE178 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



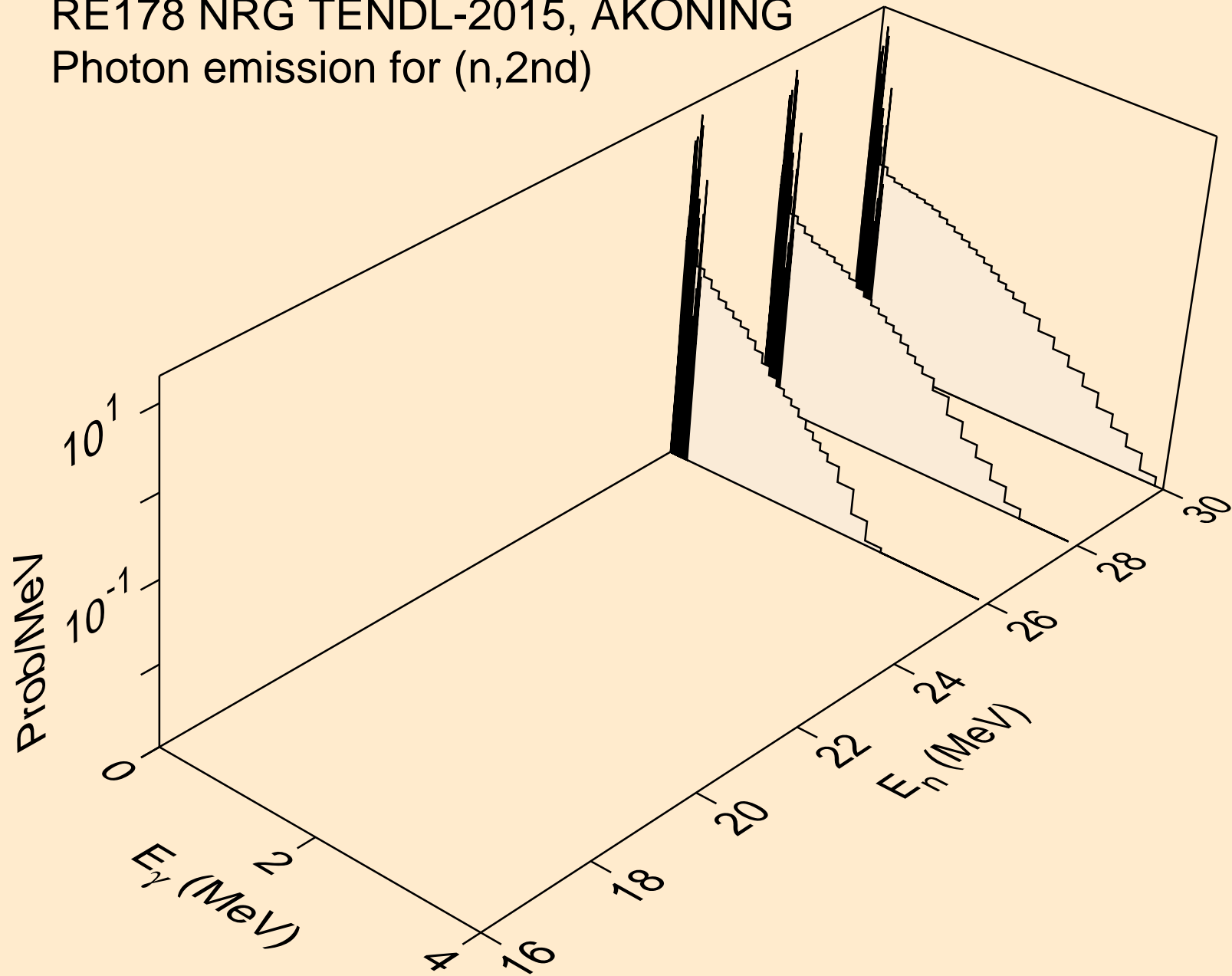
RE178 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



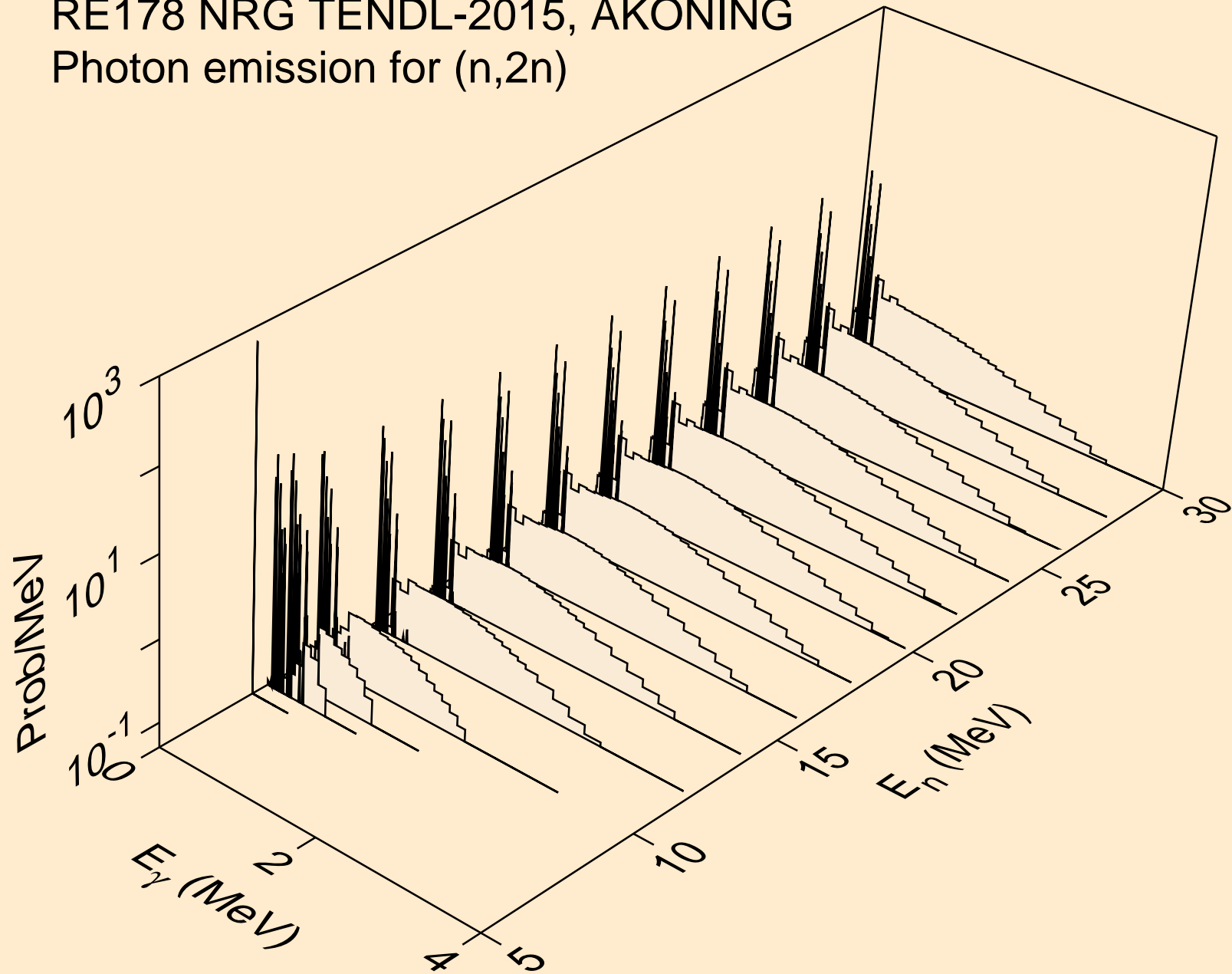
RE178 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



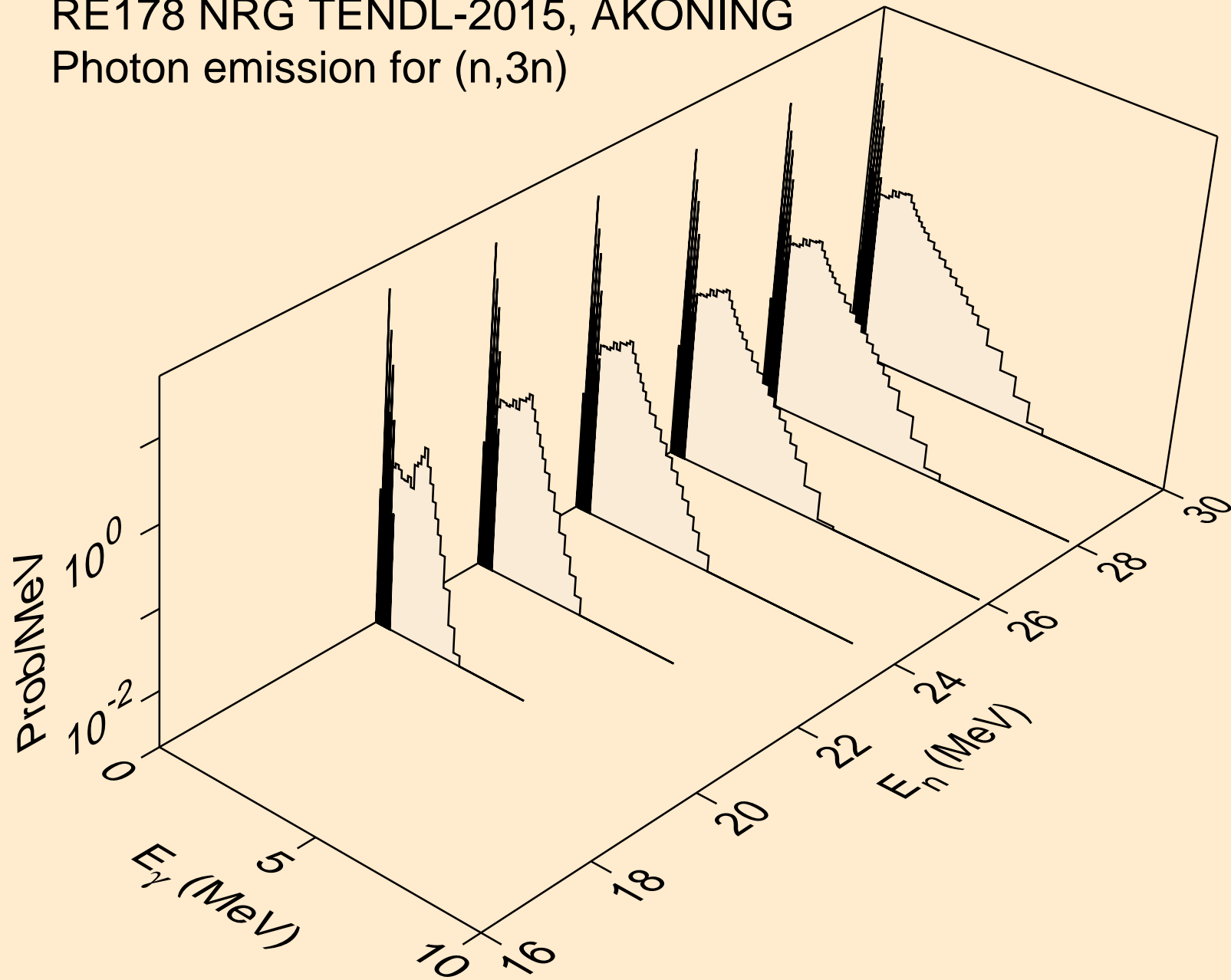
RE178 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



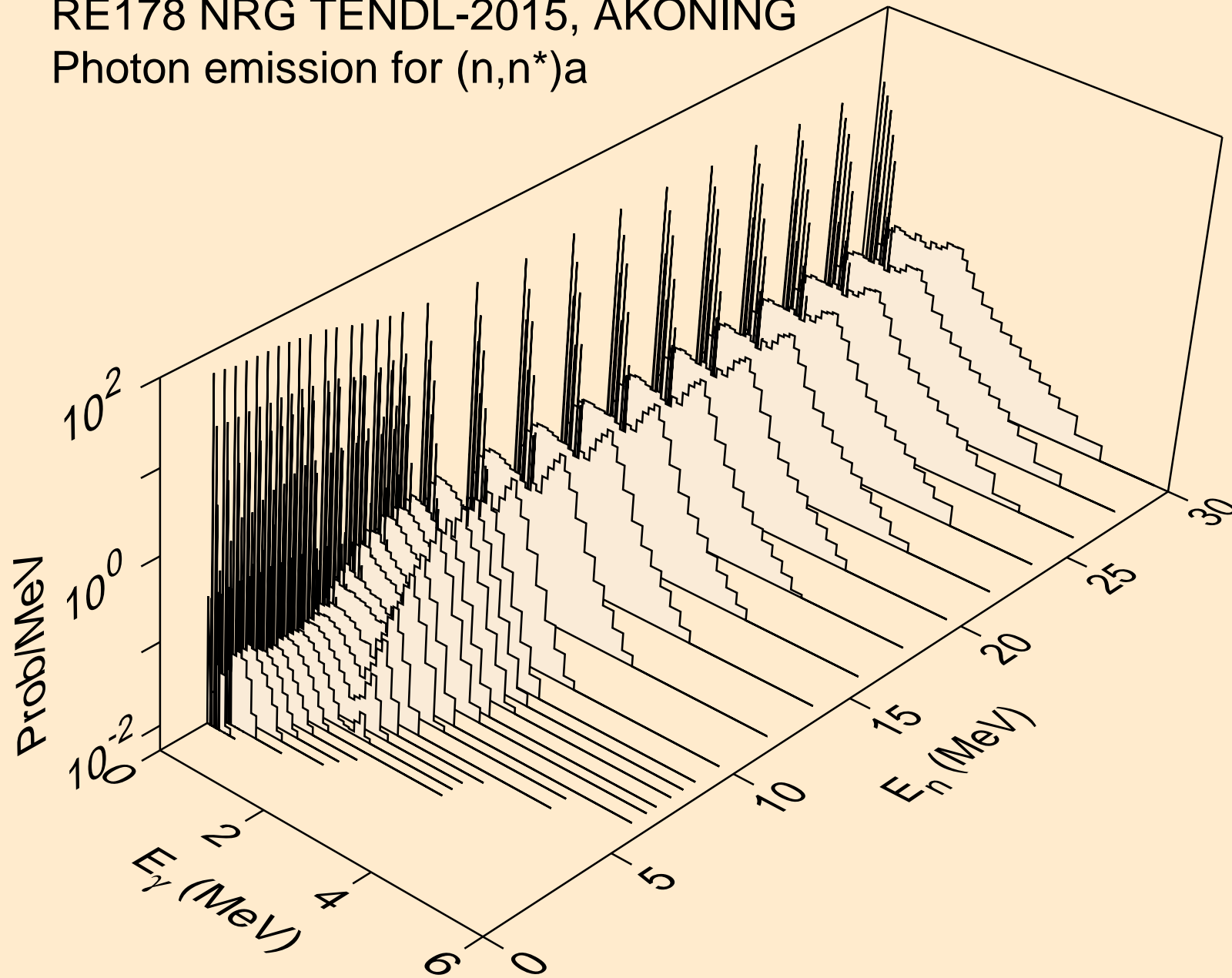
RE178 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



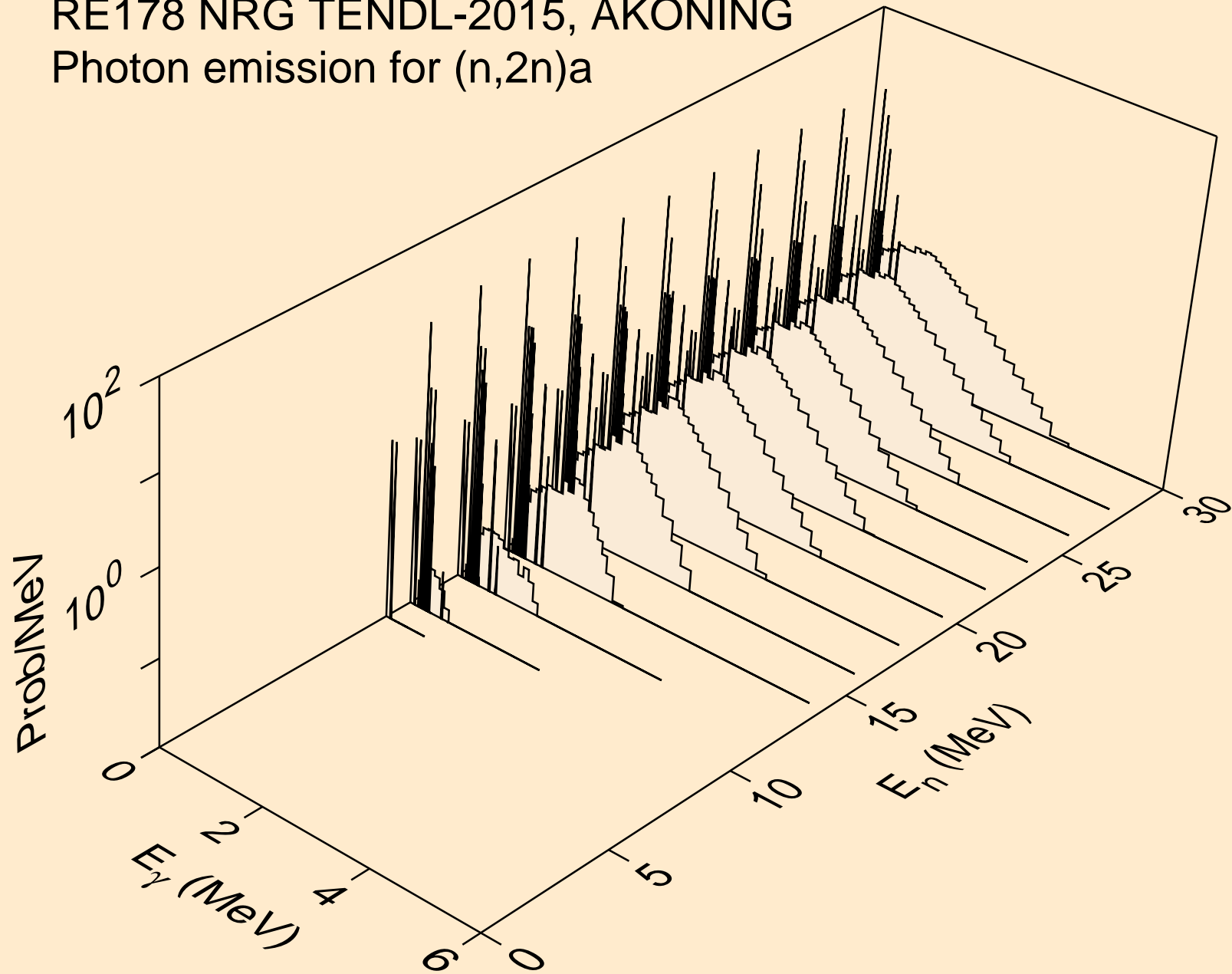
RE178 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



RE178 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

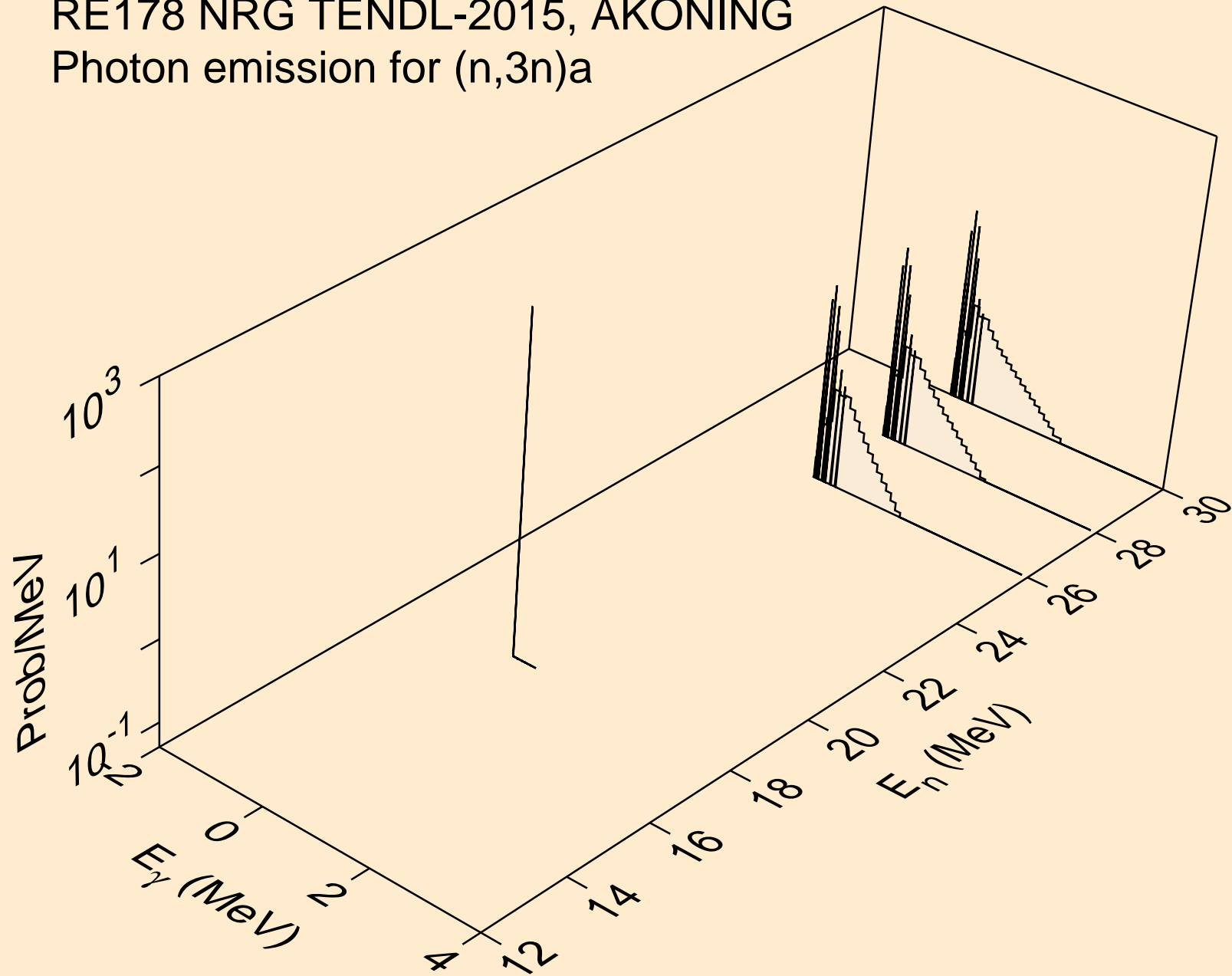


RE178 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



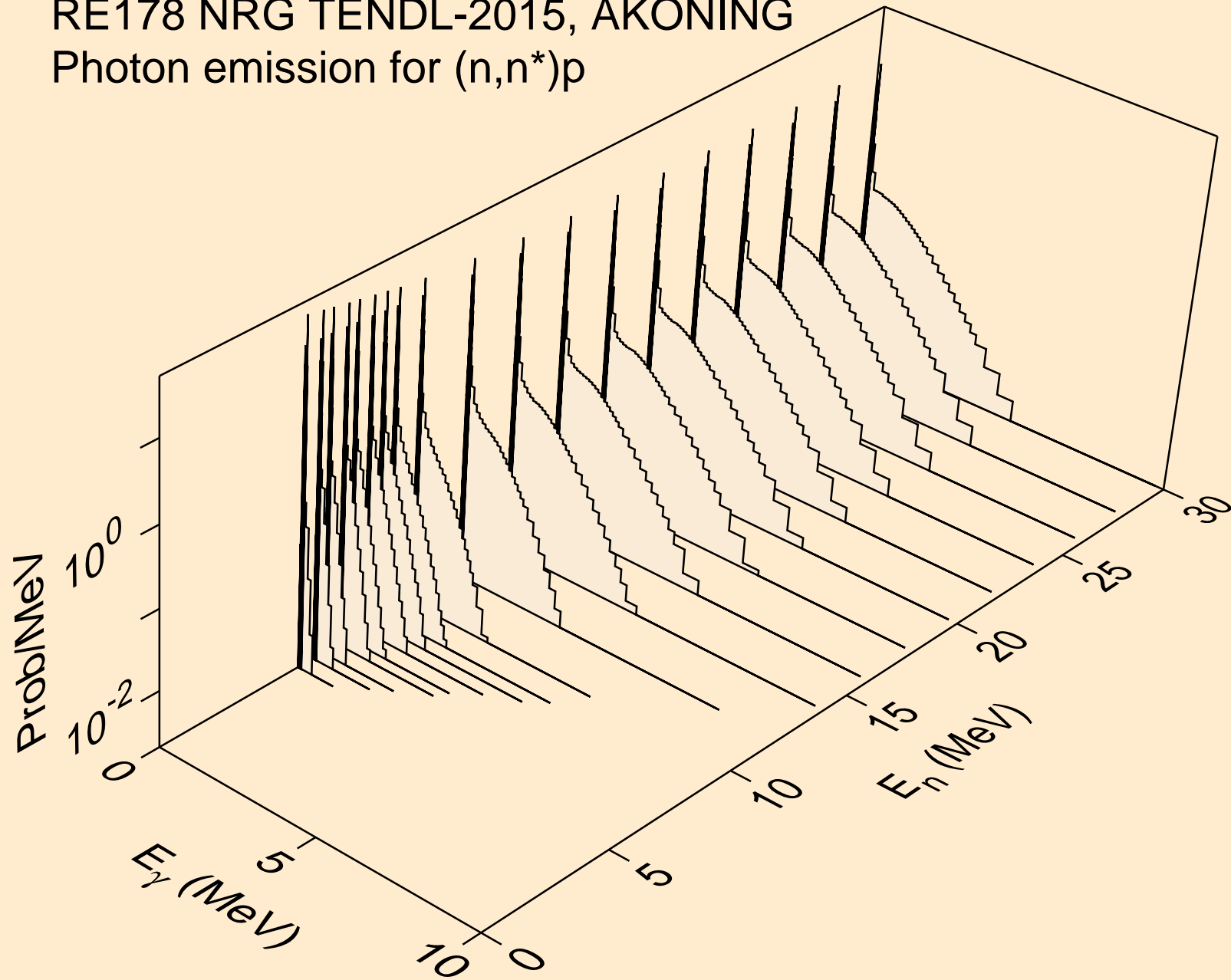


RE178 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

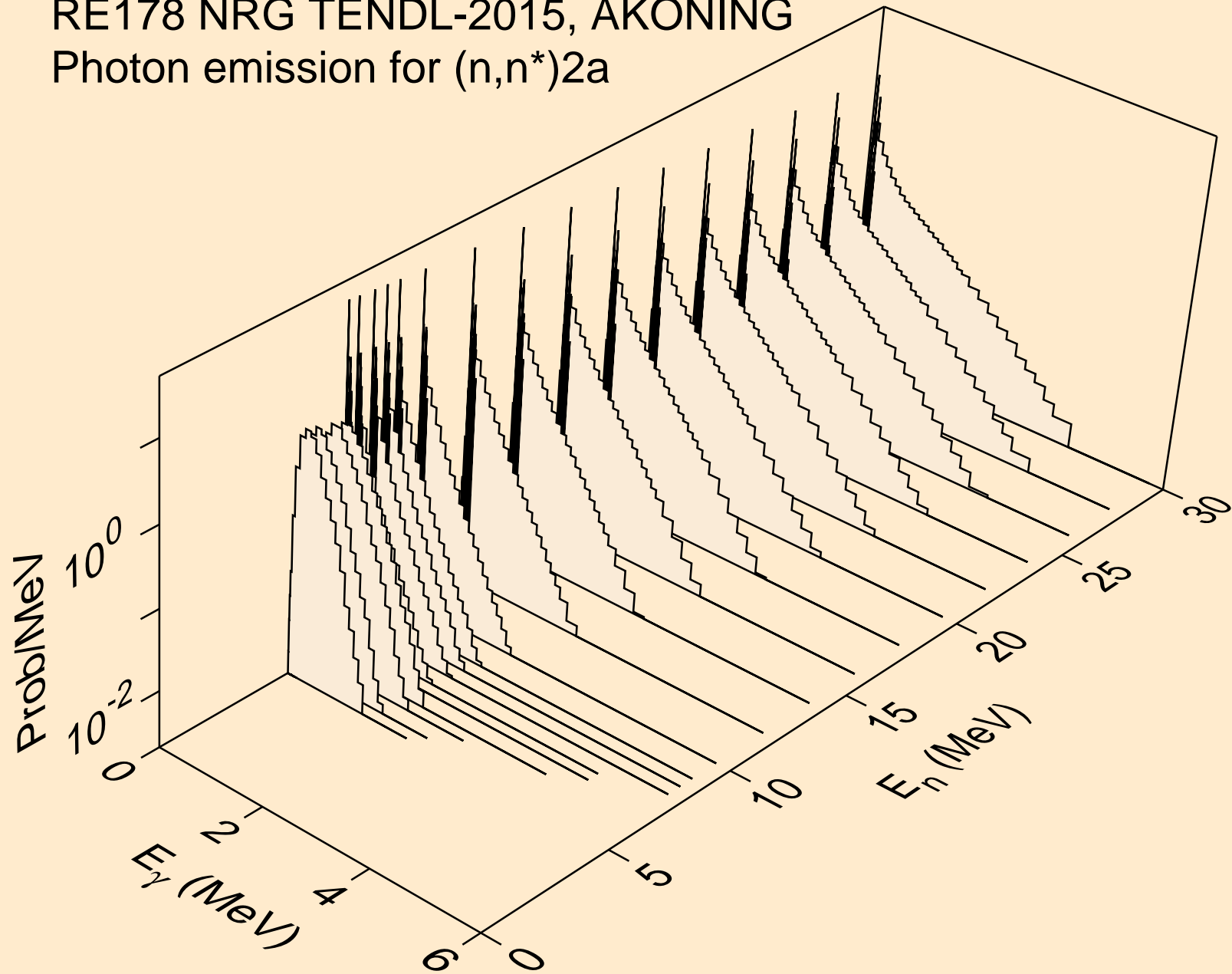


RE178 NRG TENDL-2015, AKONING

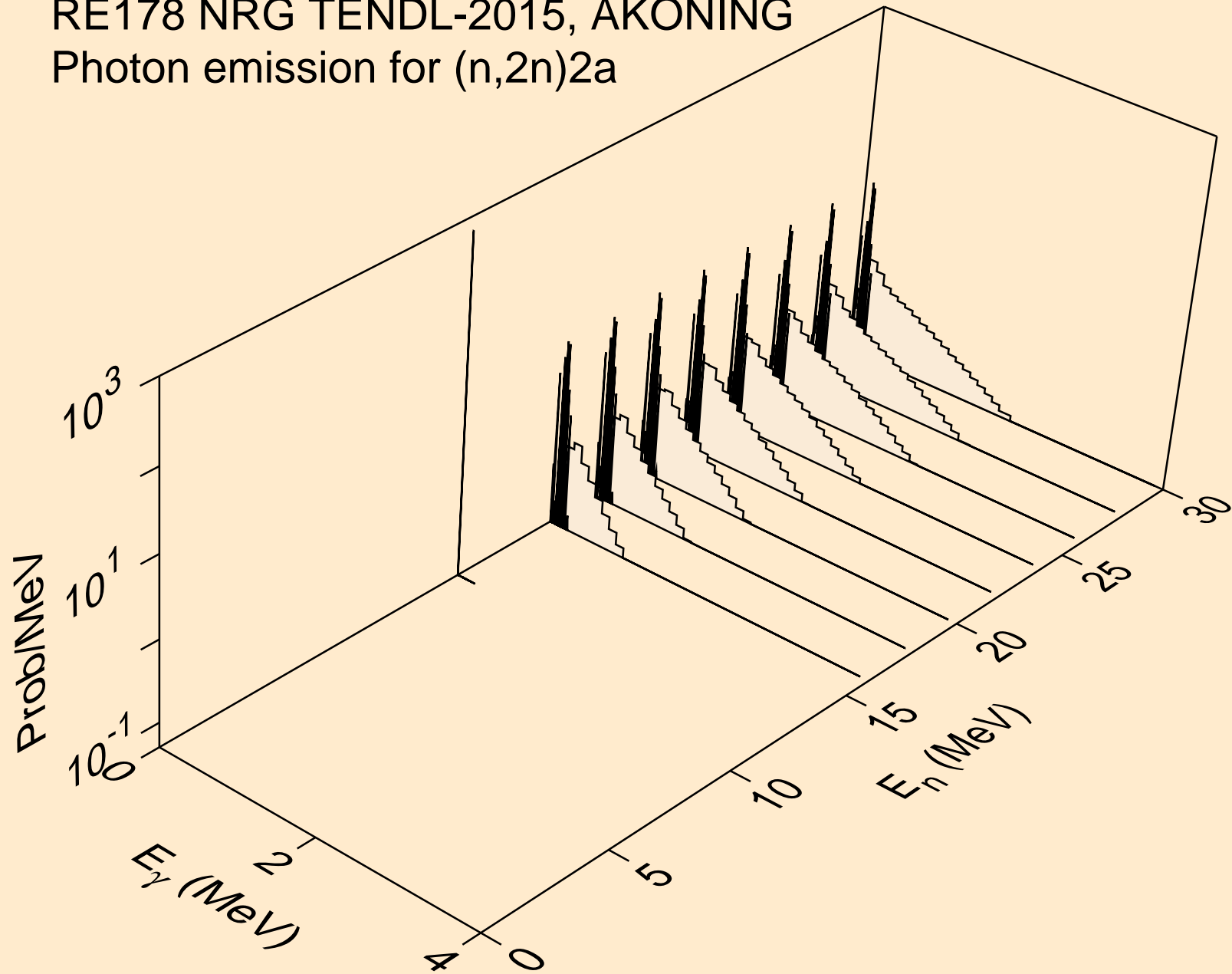
Photon emission for (n,n\*)p



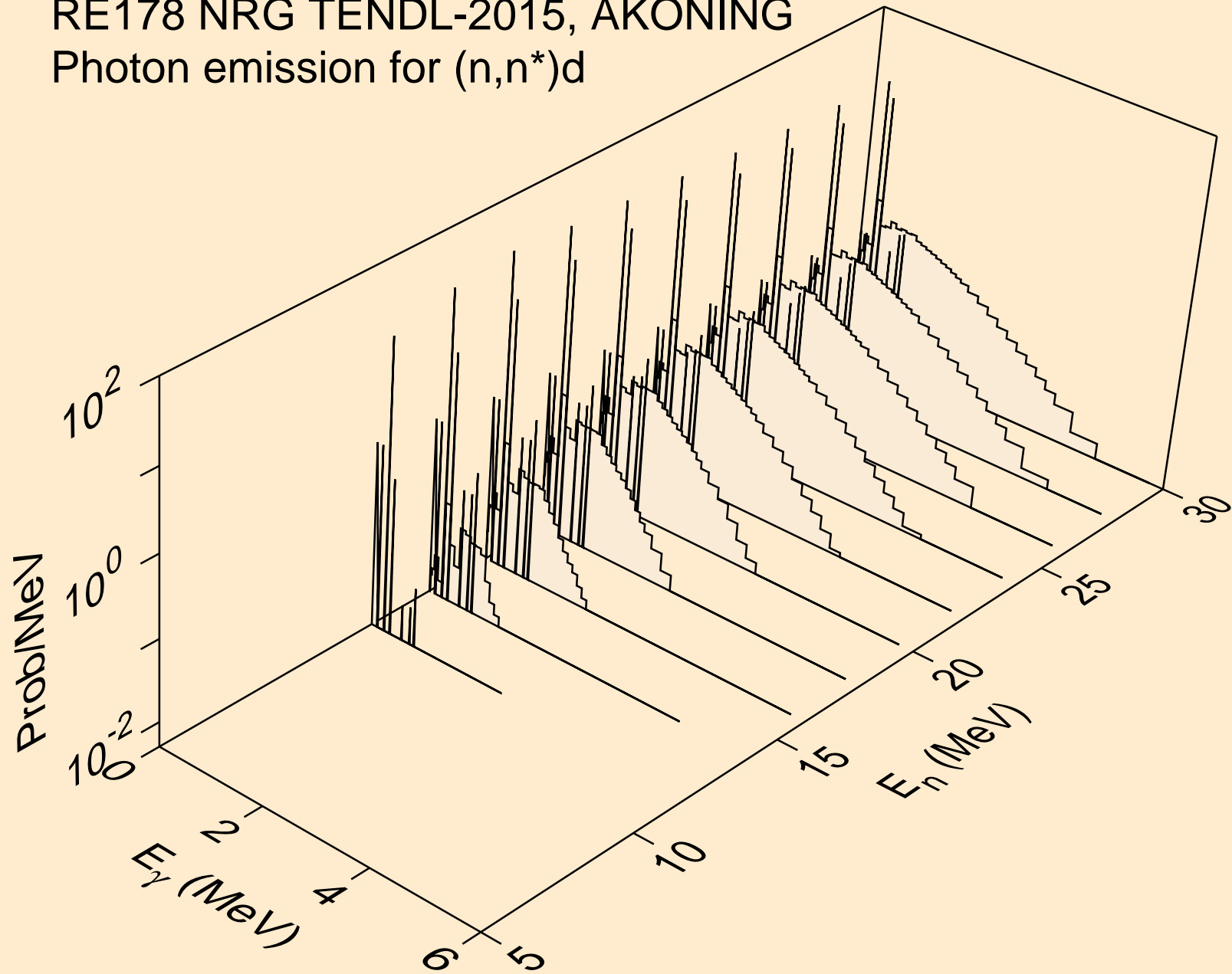
RE178 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



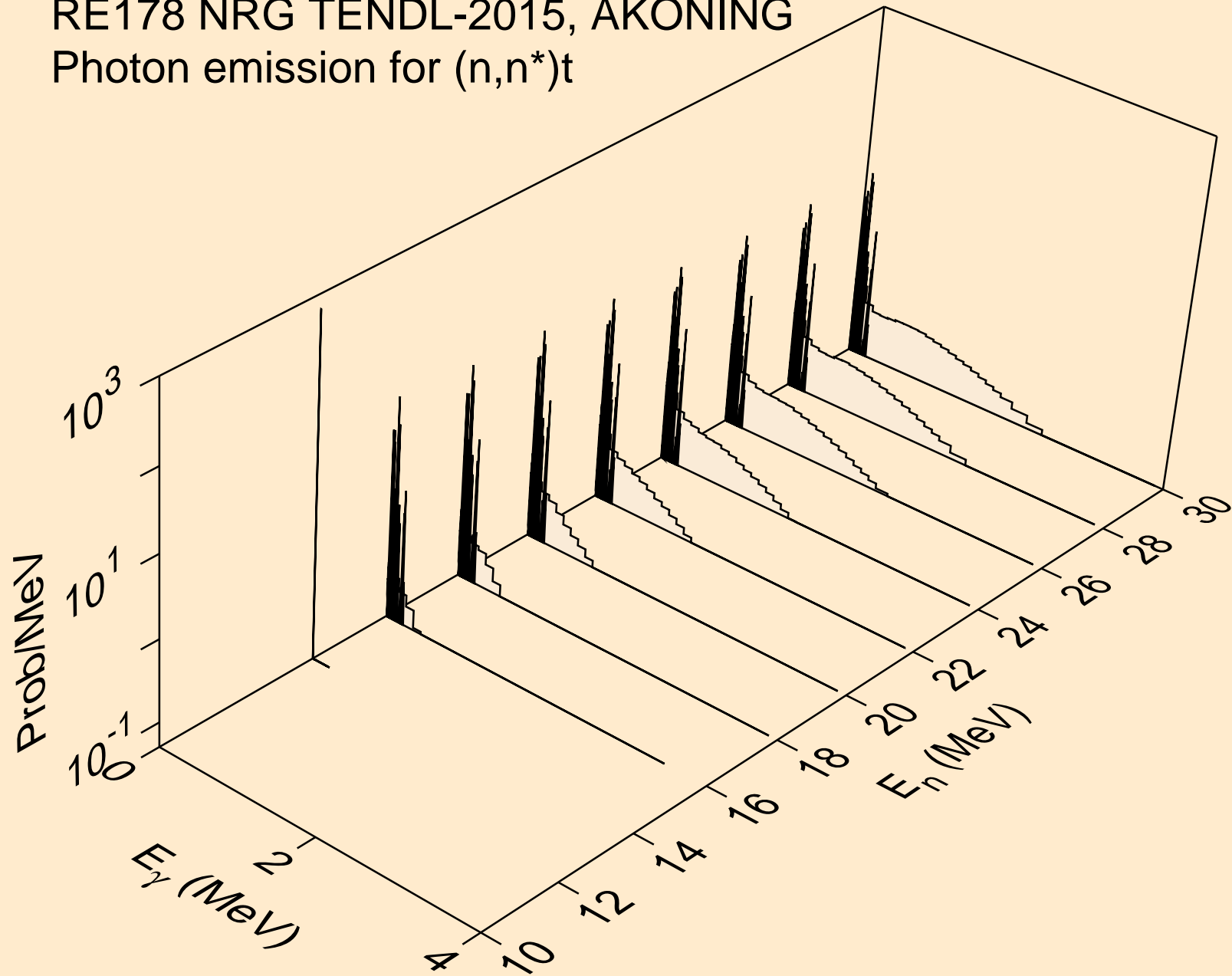
RE178 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



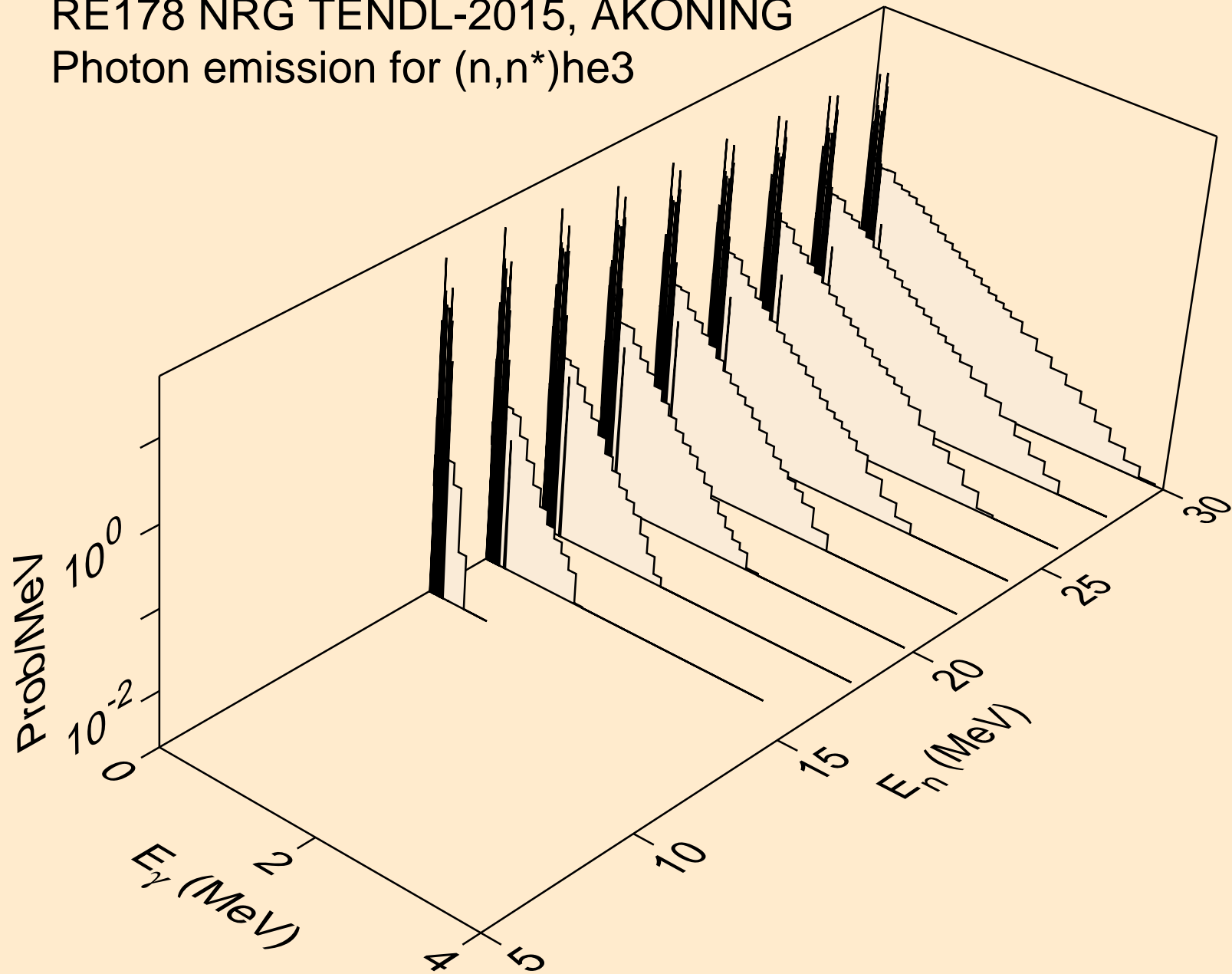
RE178 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



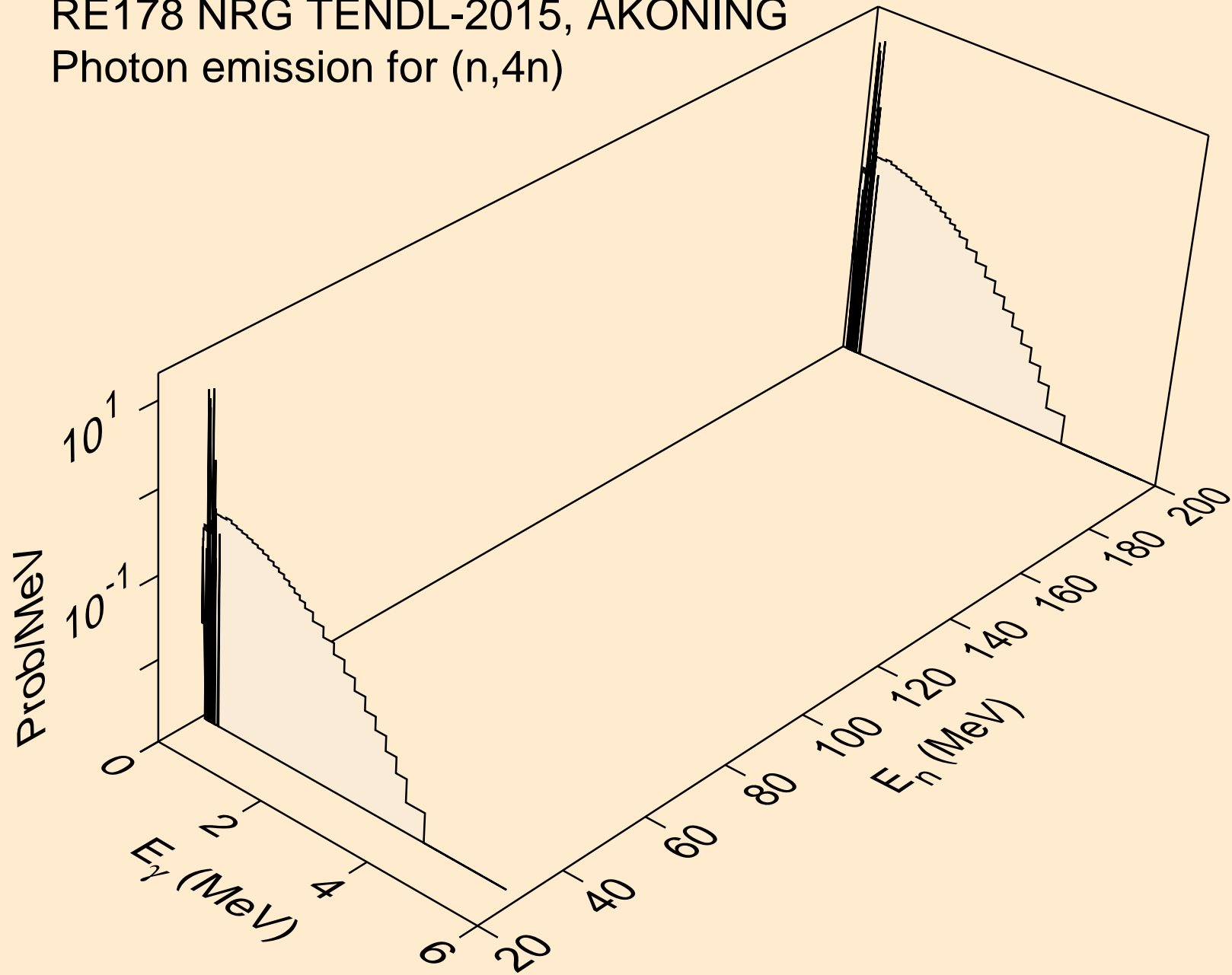
RE178 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



RE178 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

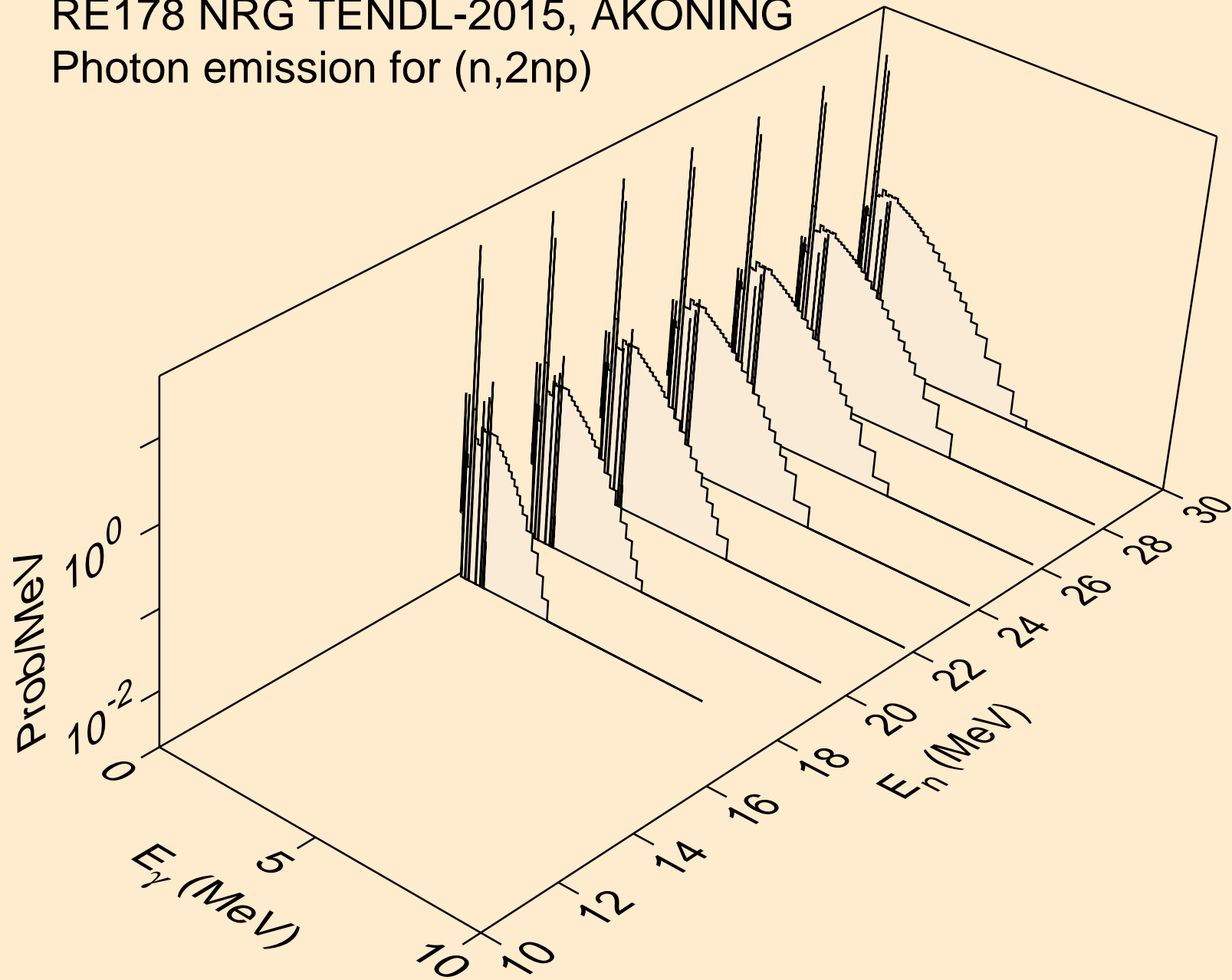


RE178 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)

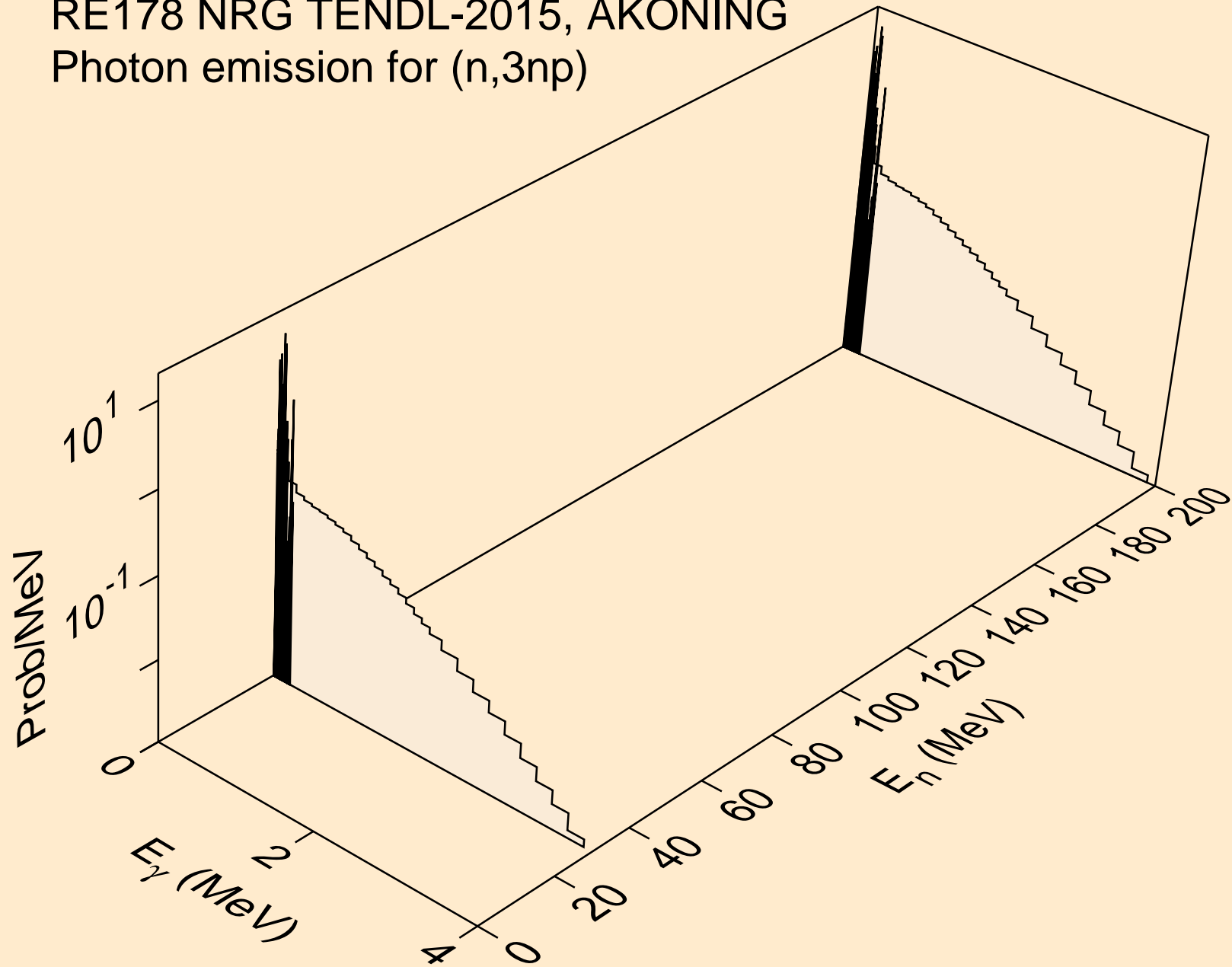




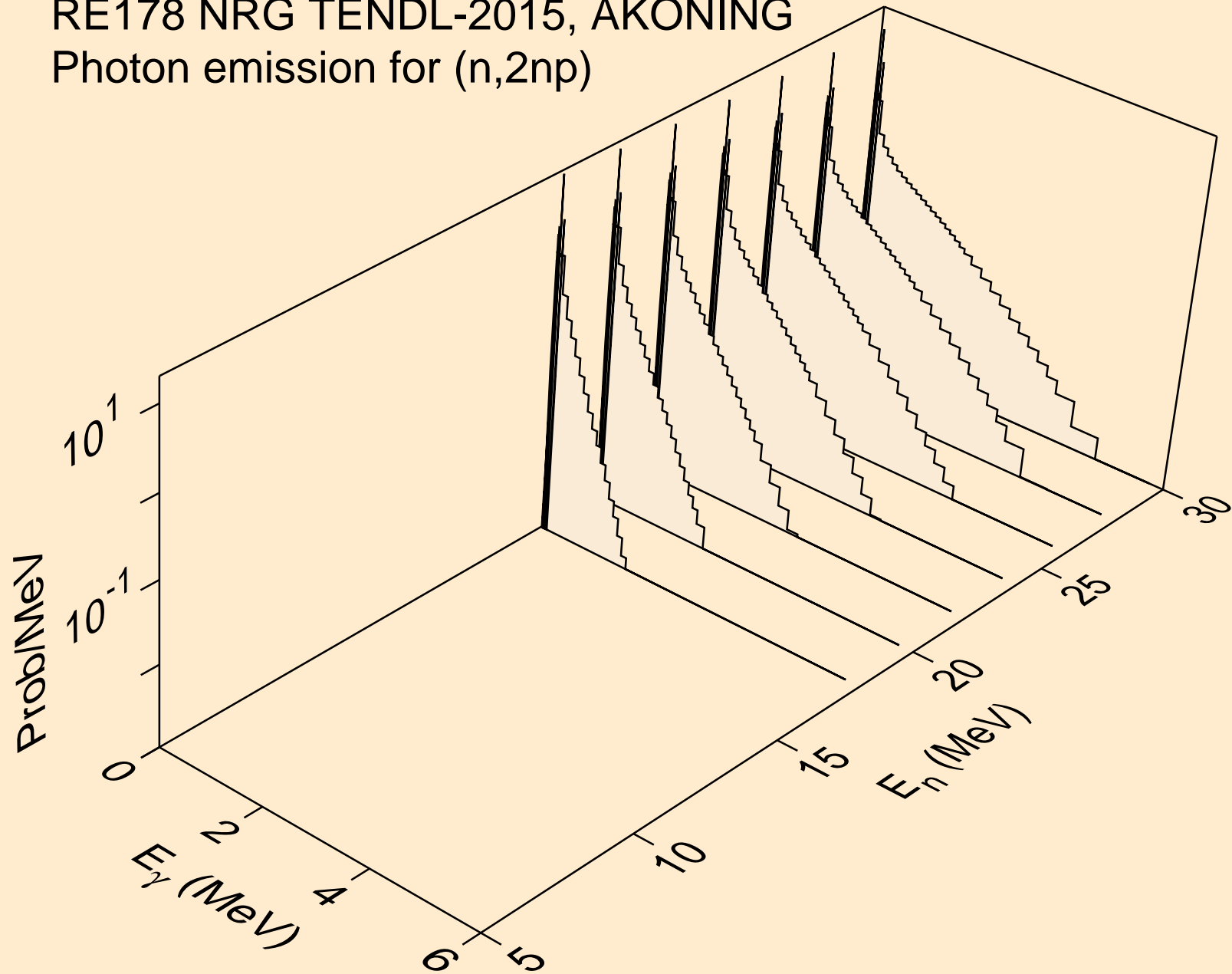
RE178 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



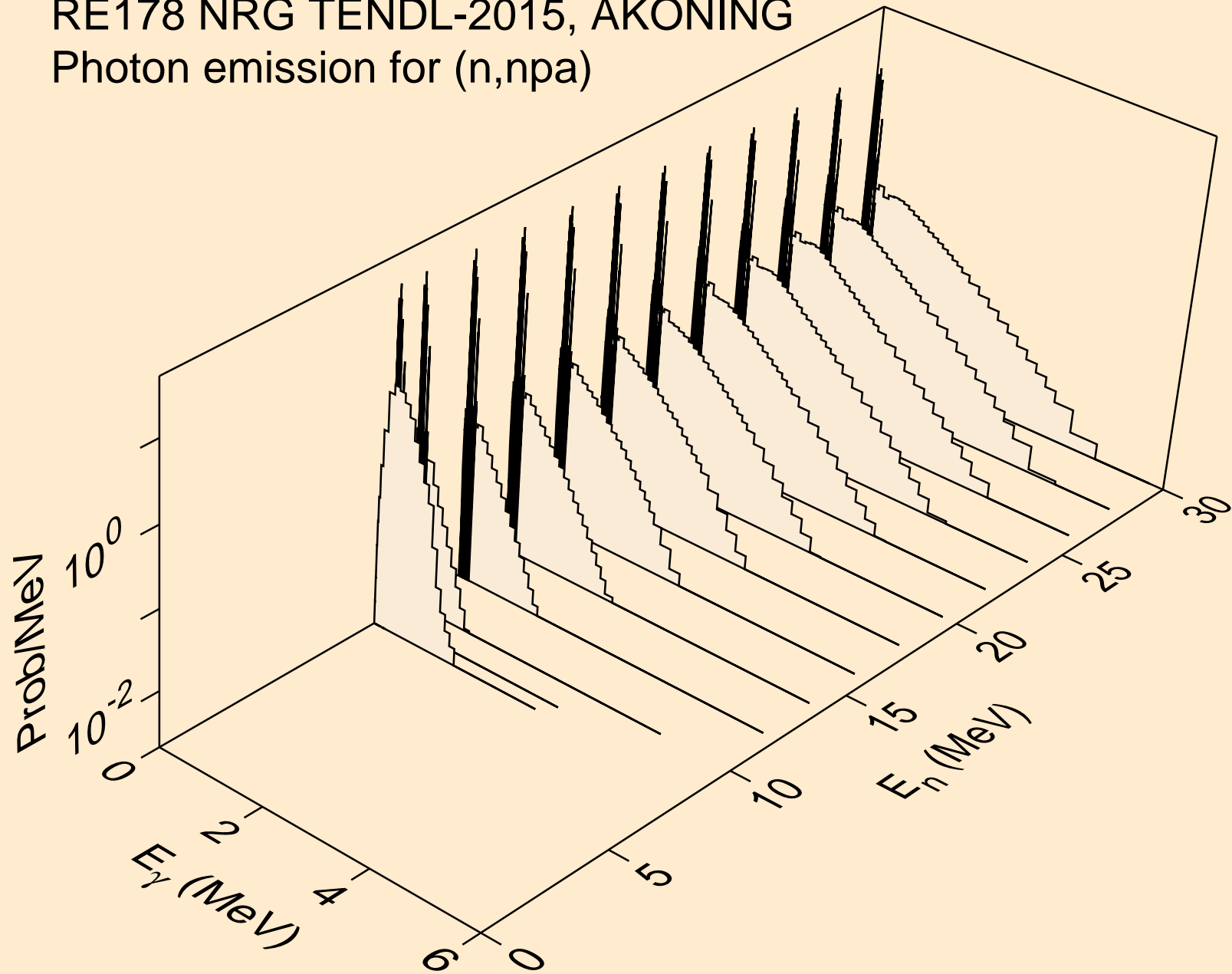
RE178 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



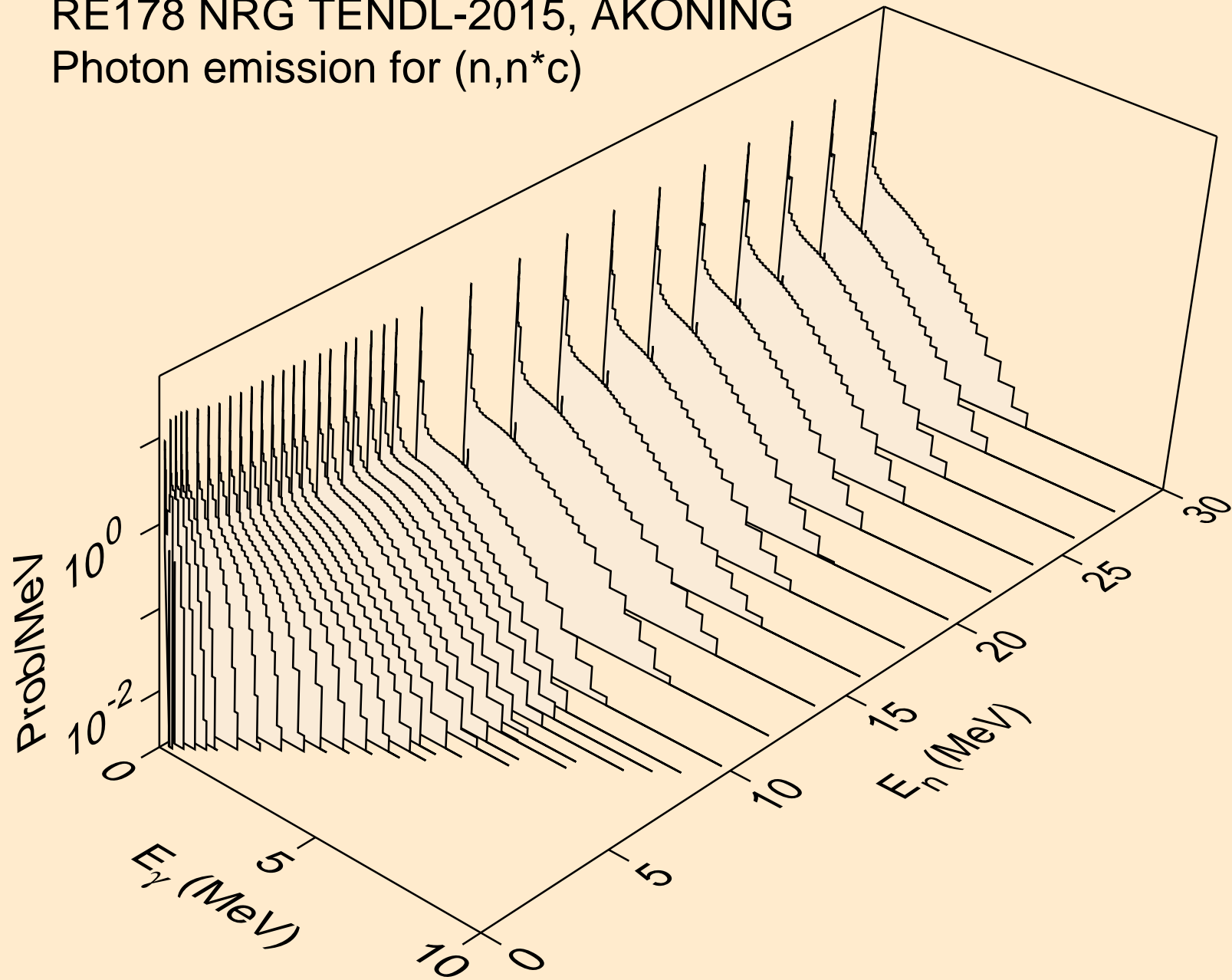
RE178 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



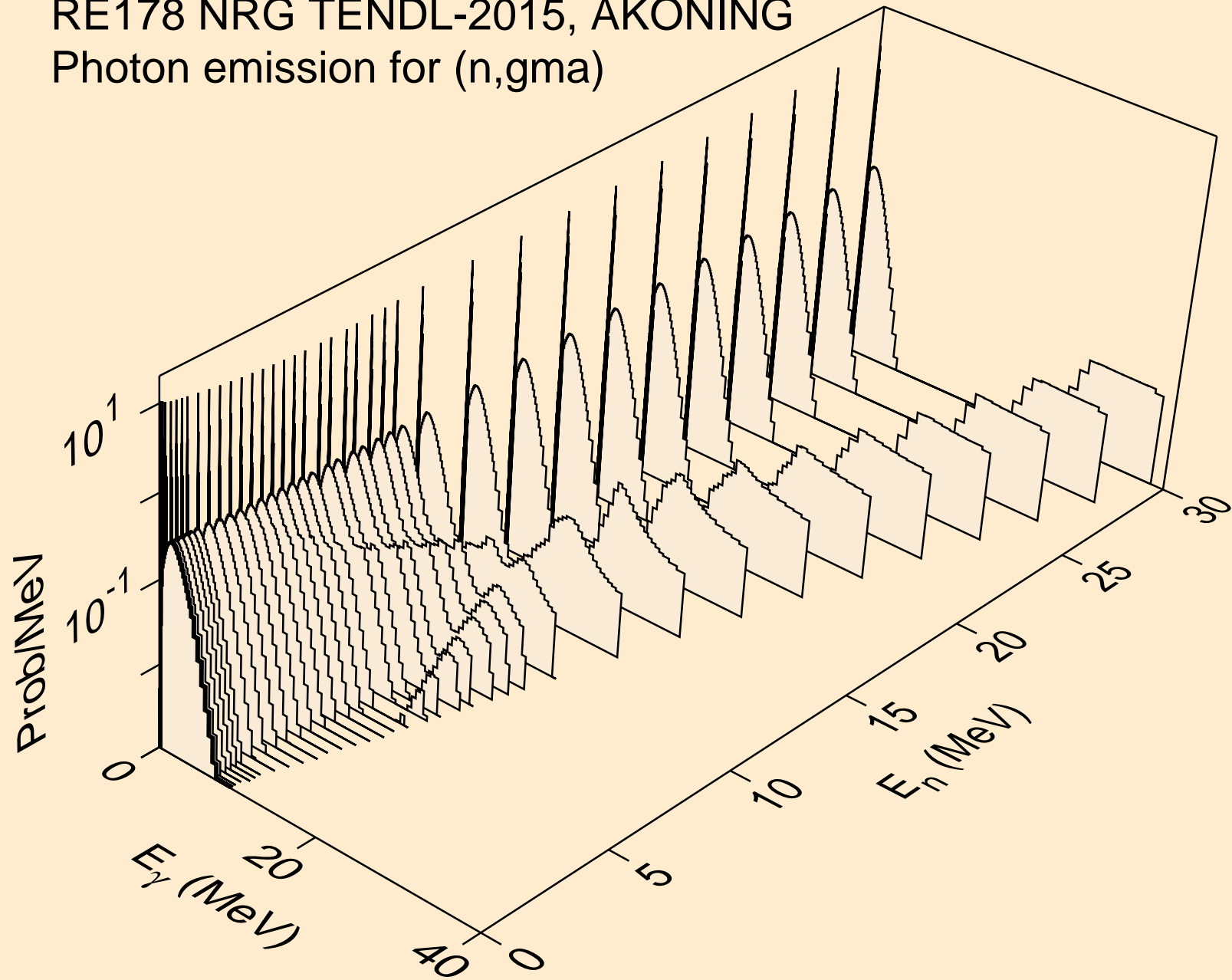
RE178 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



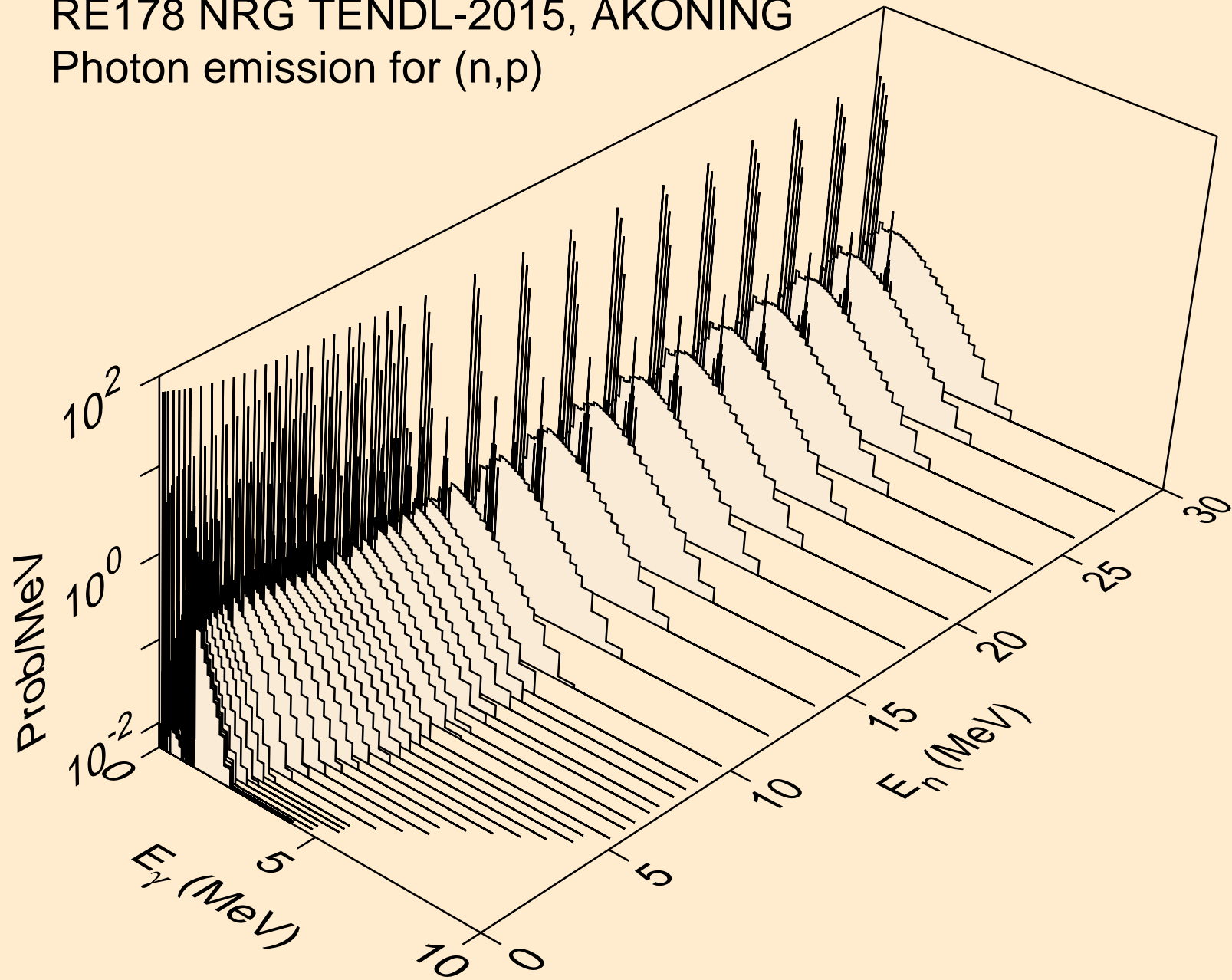
RE178 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



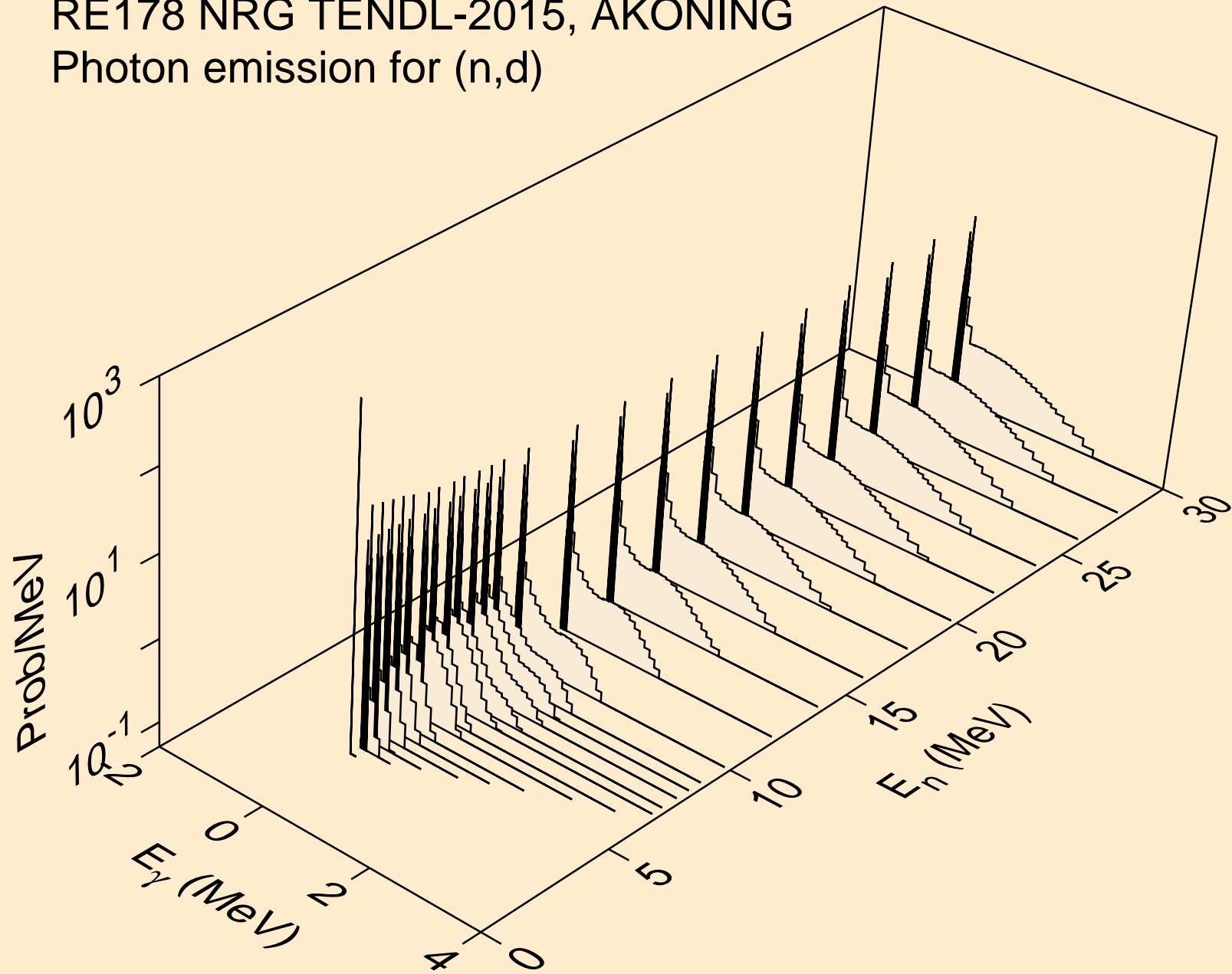
RE178 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



RE178 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

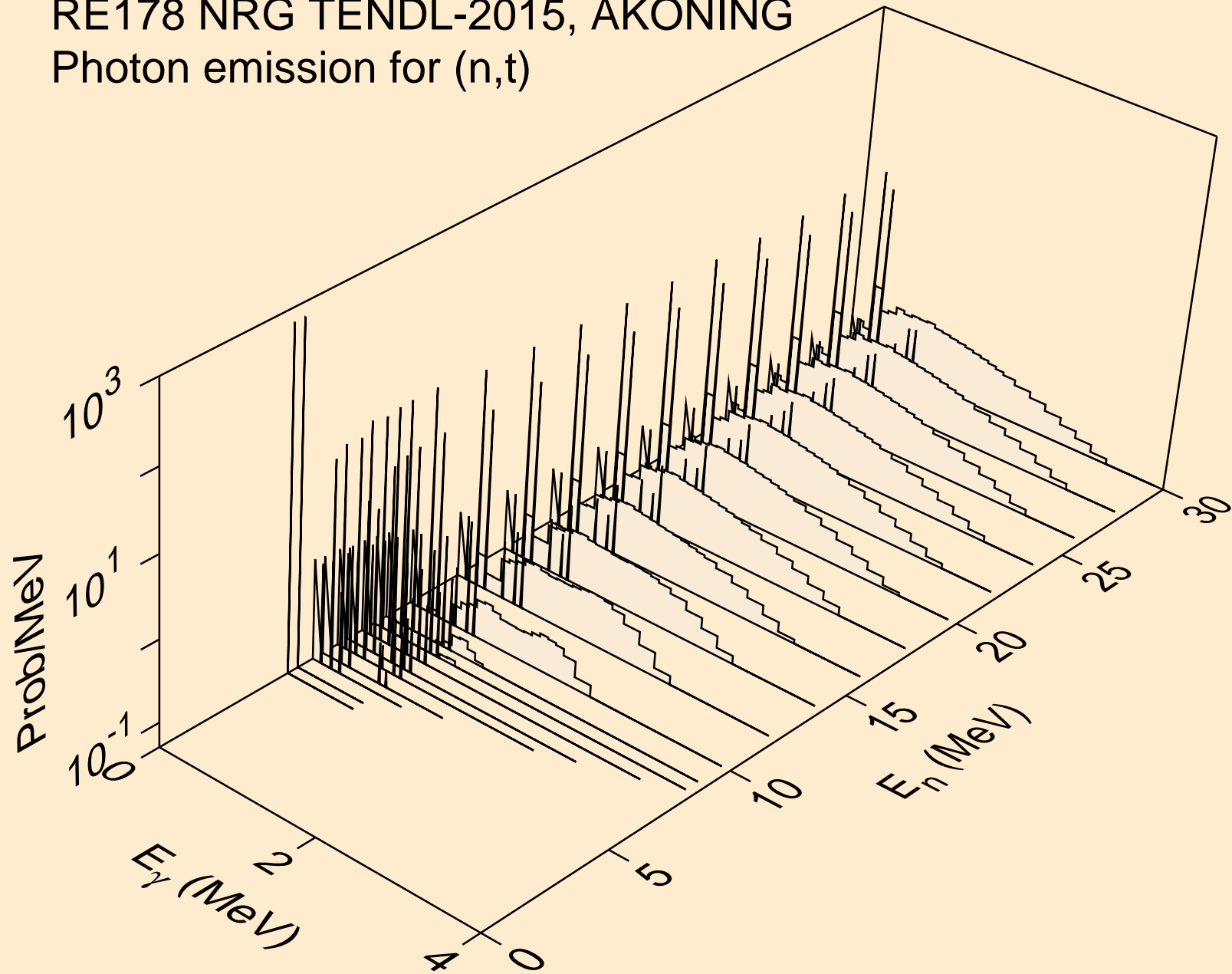


RE178 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

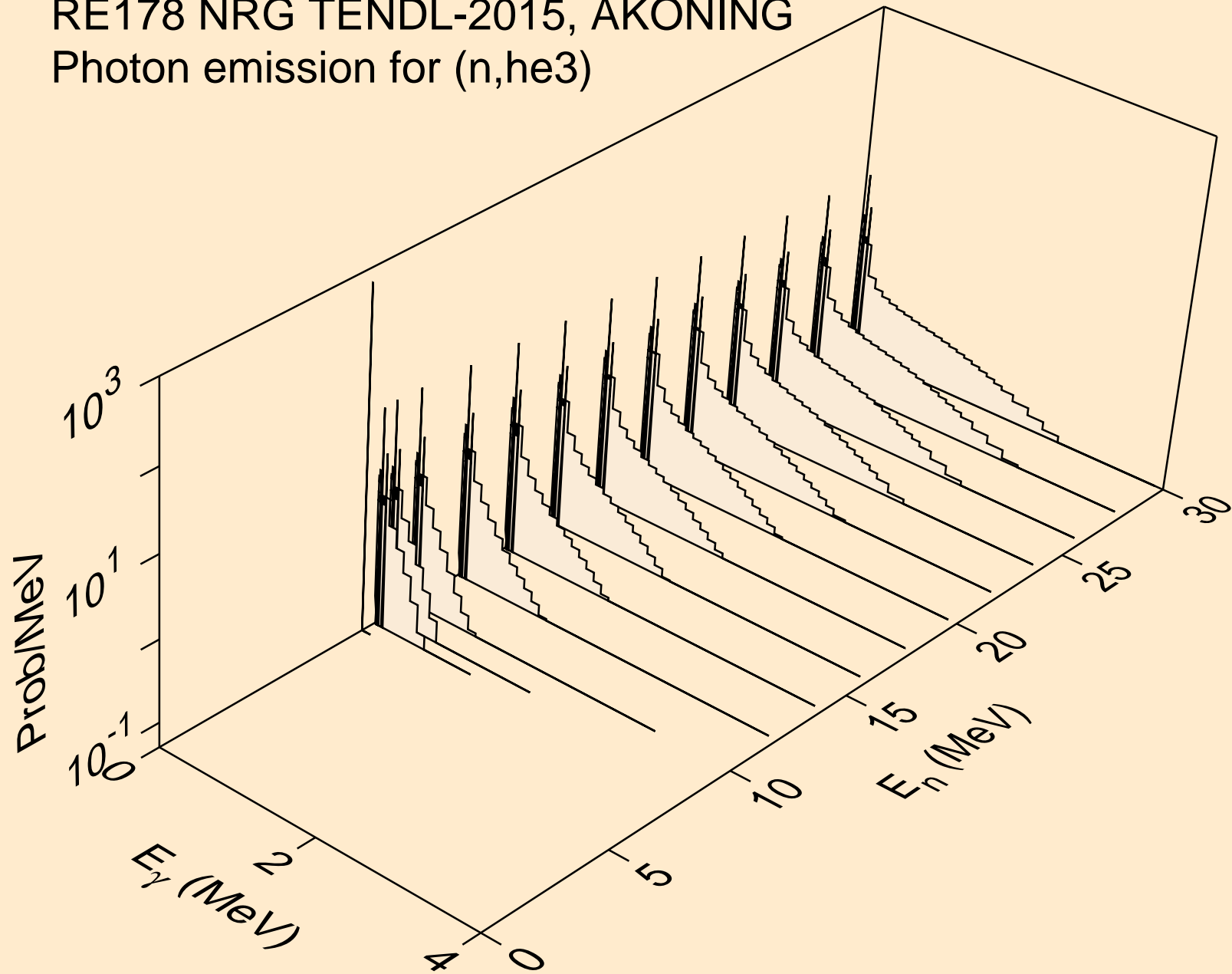




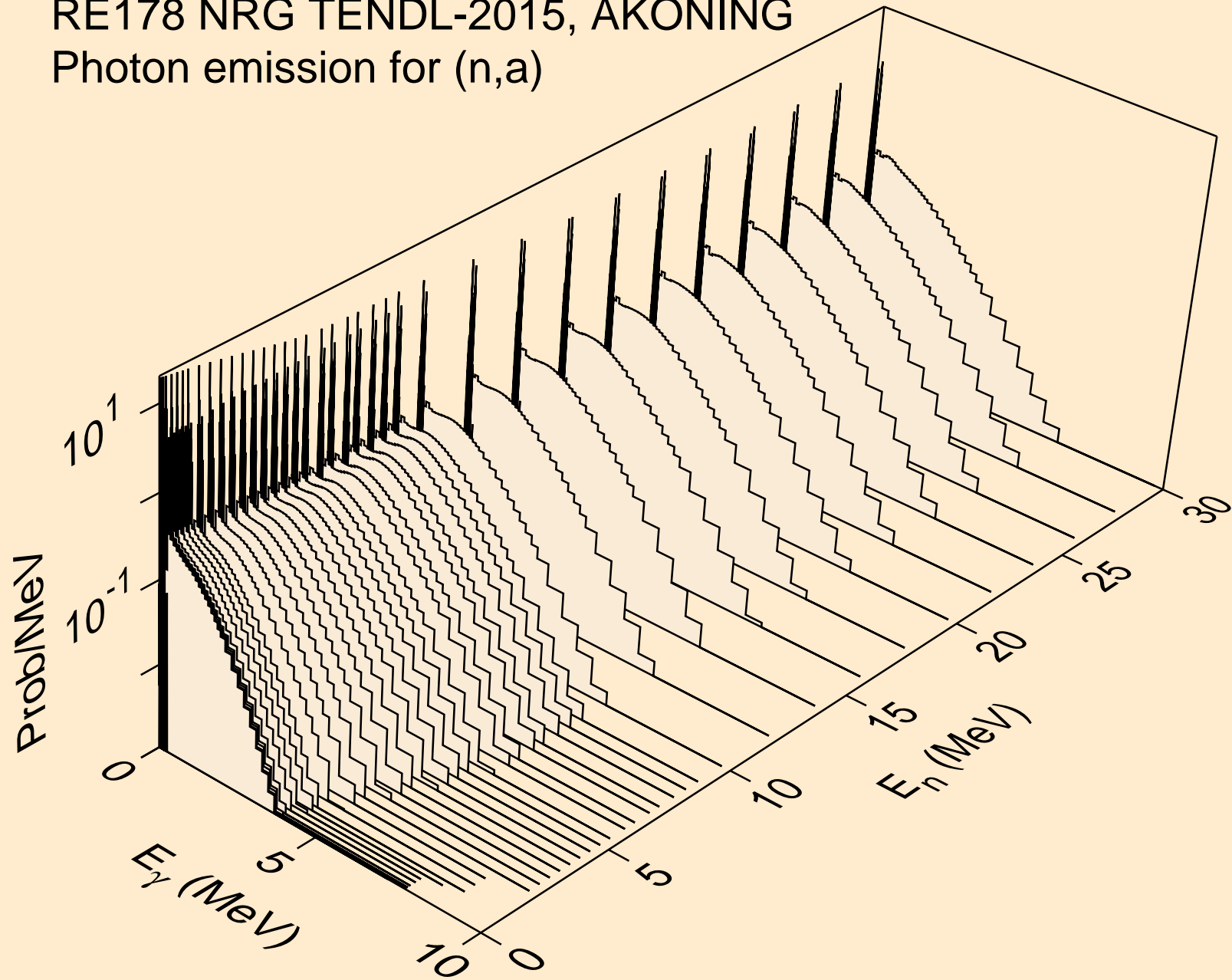
RE178 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



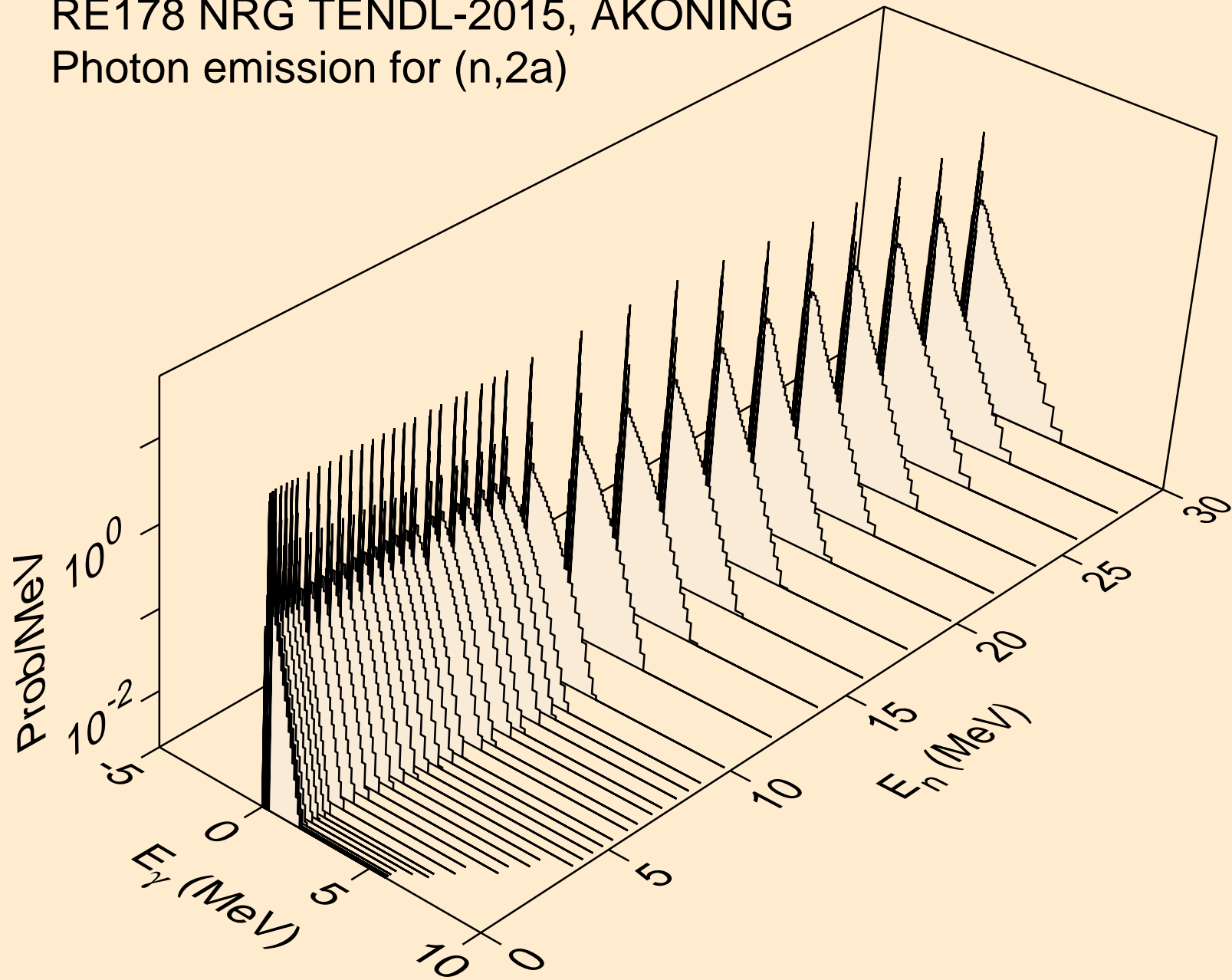
RE178 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



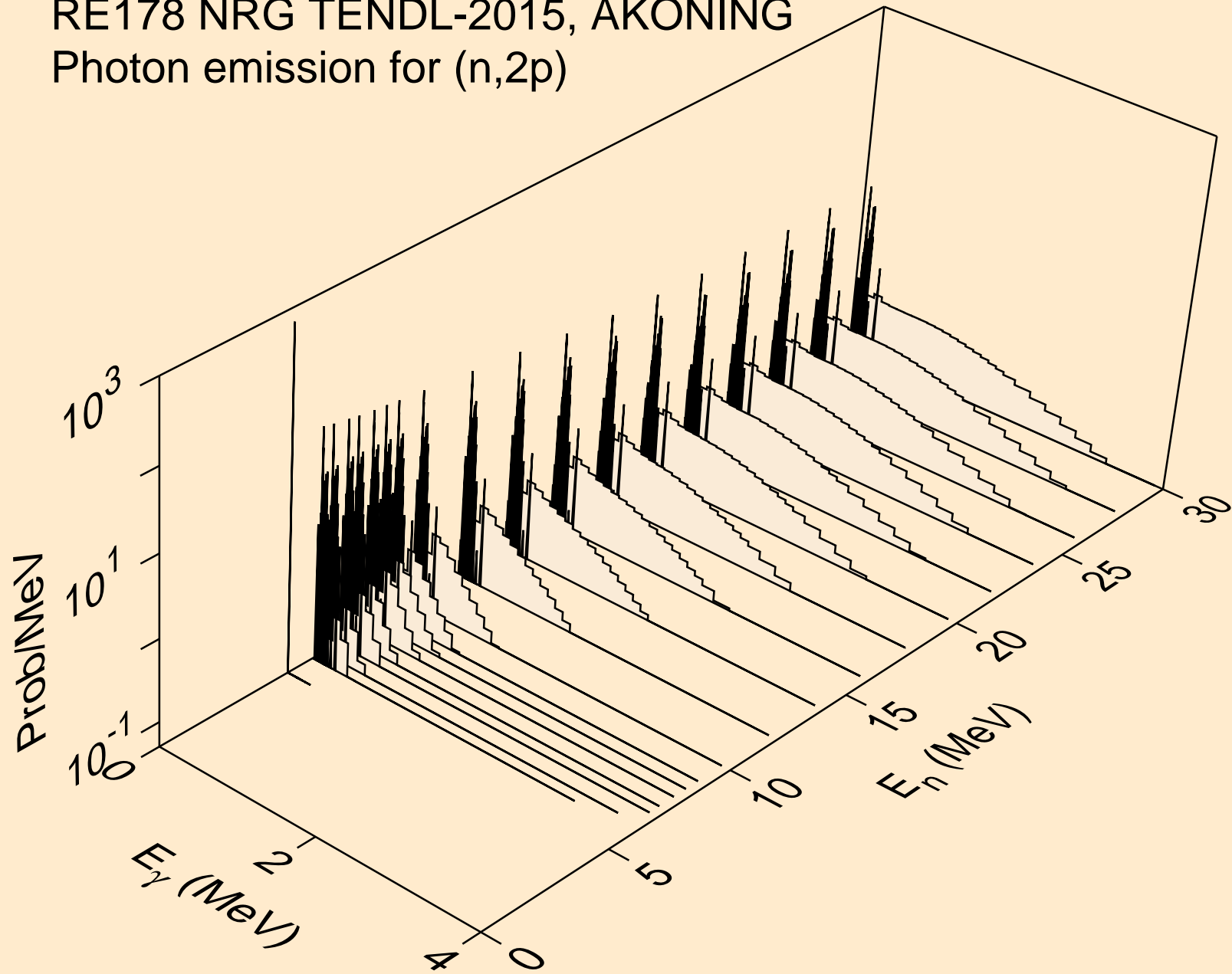
RE178 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



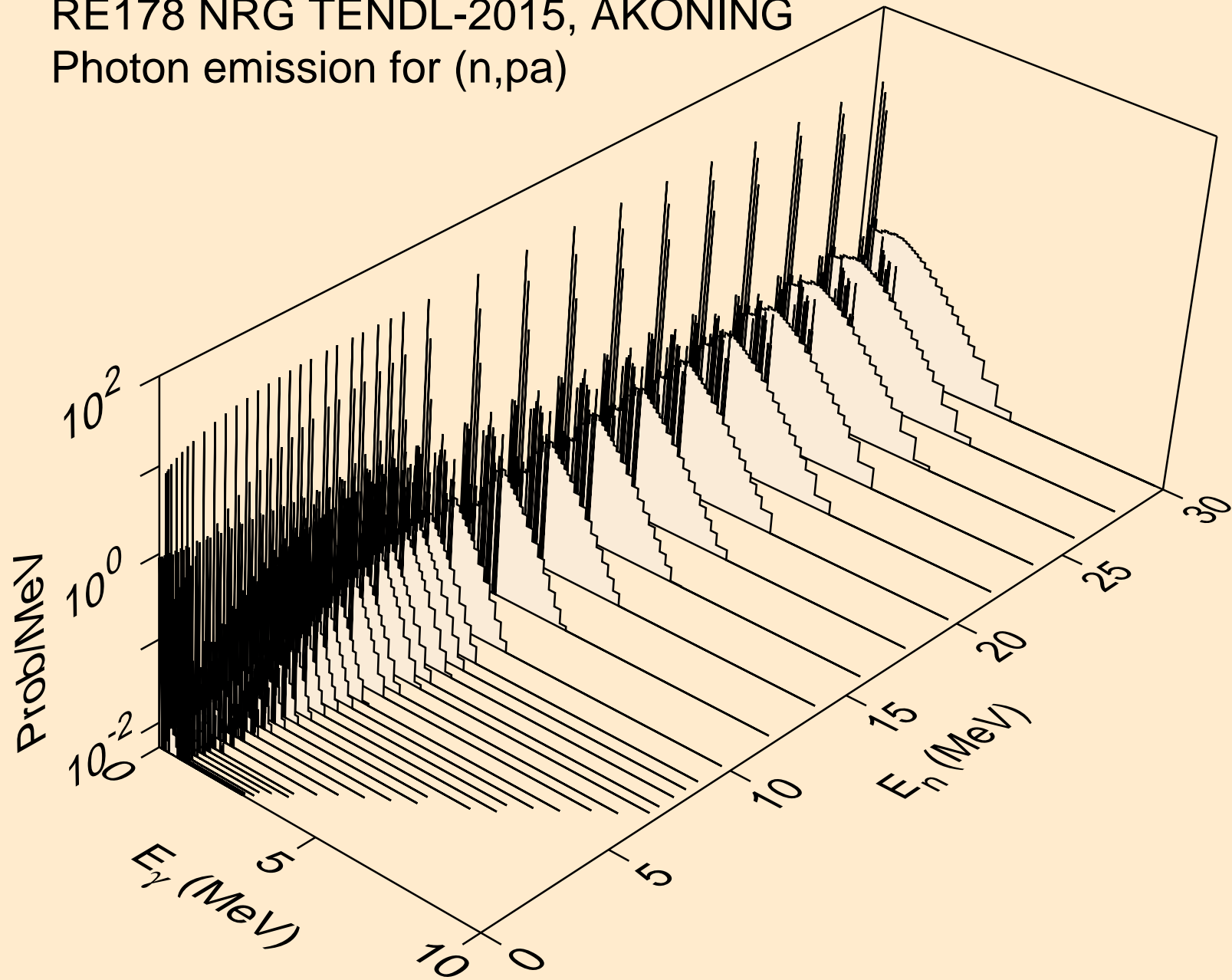
RE178 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



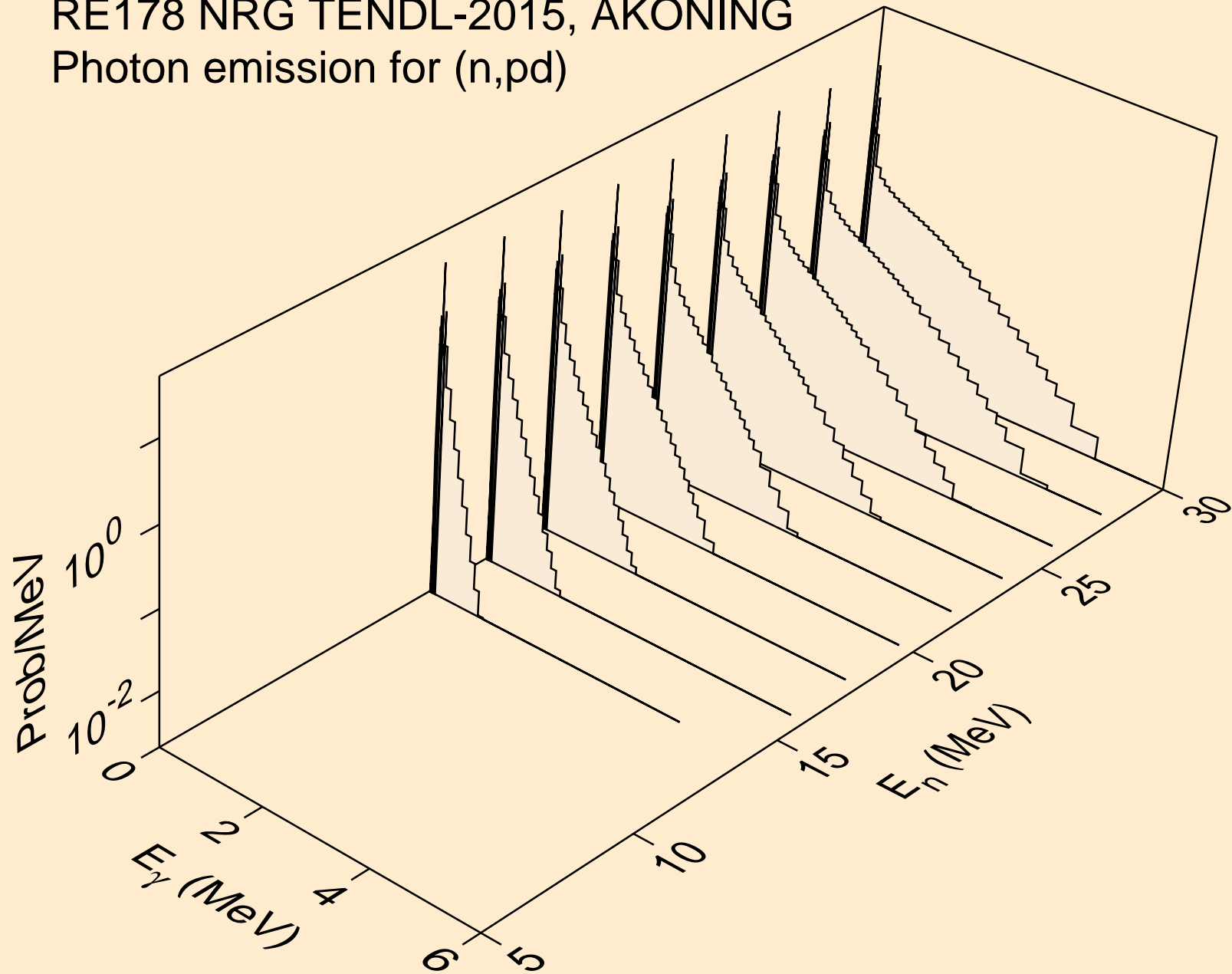
RE178 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



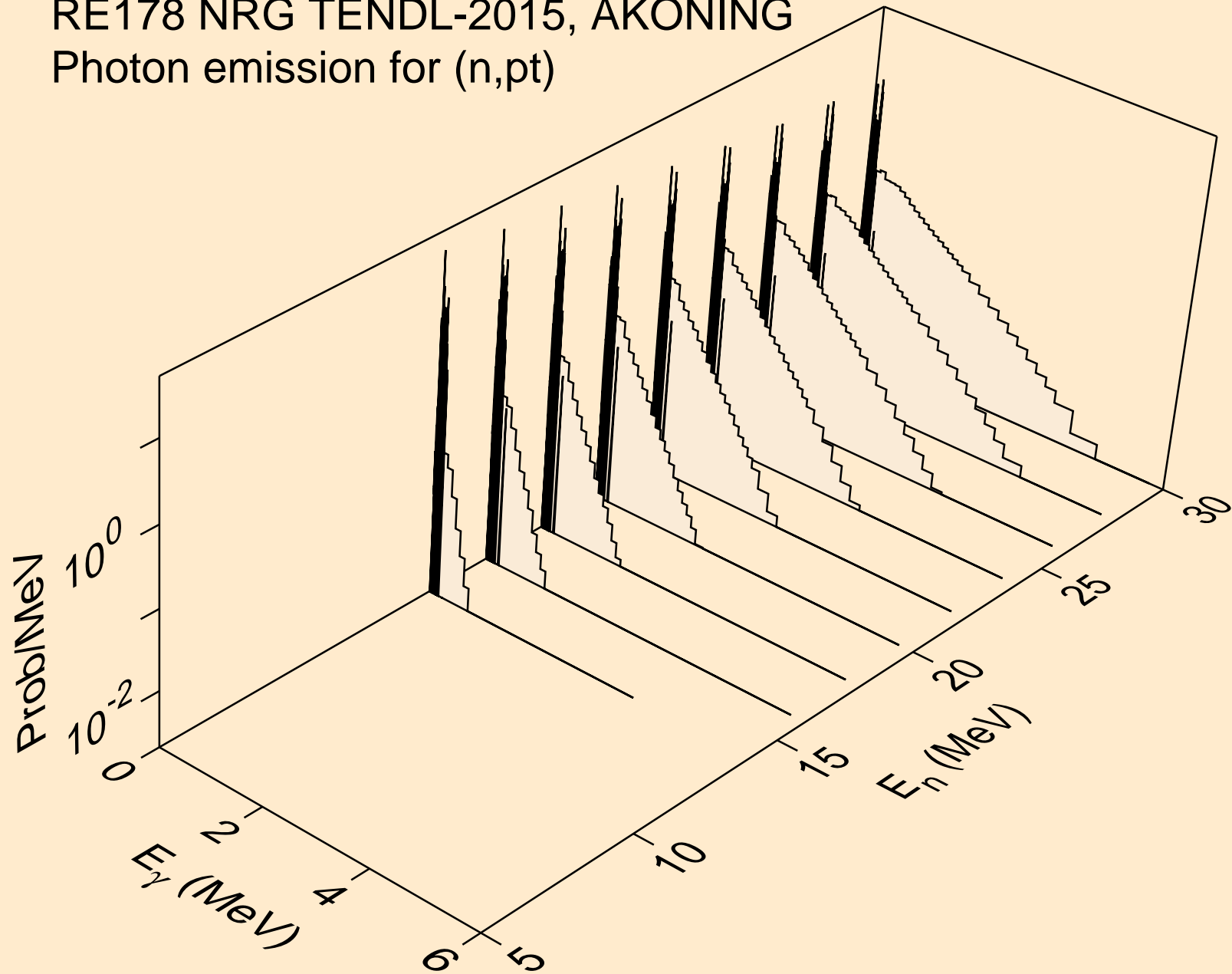
RE178 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



RE178 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

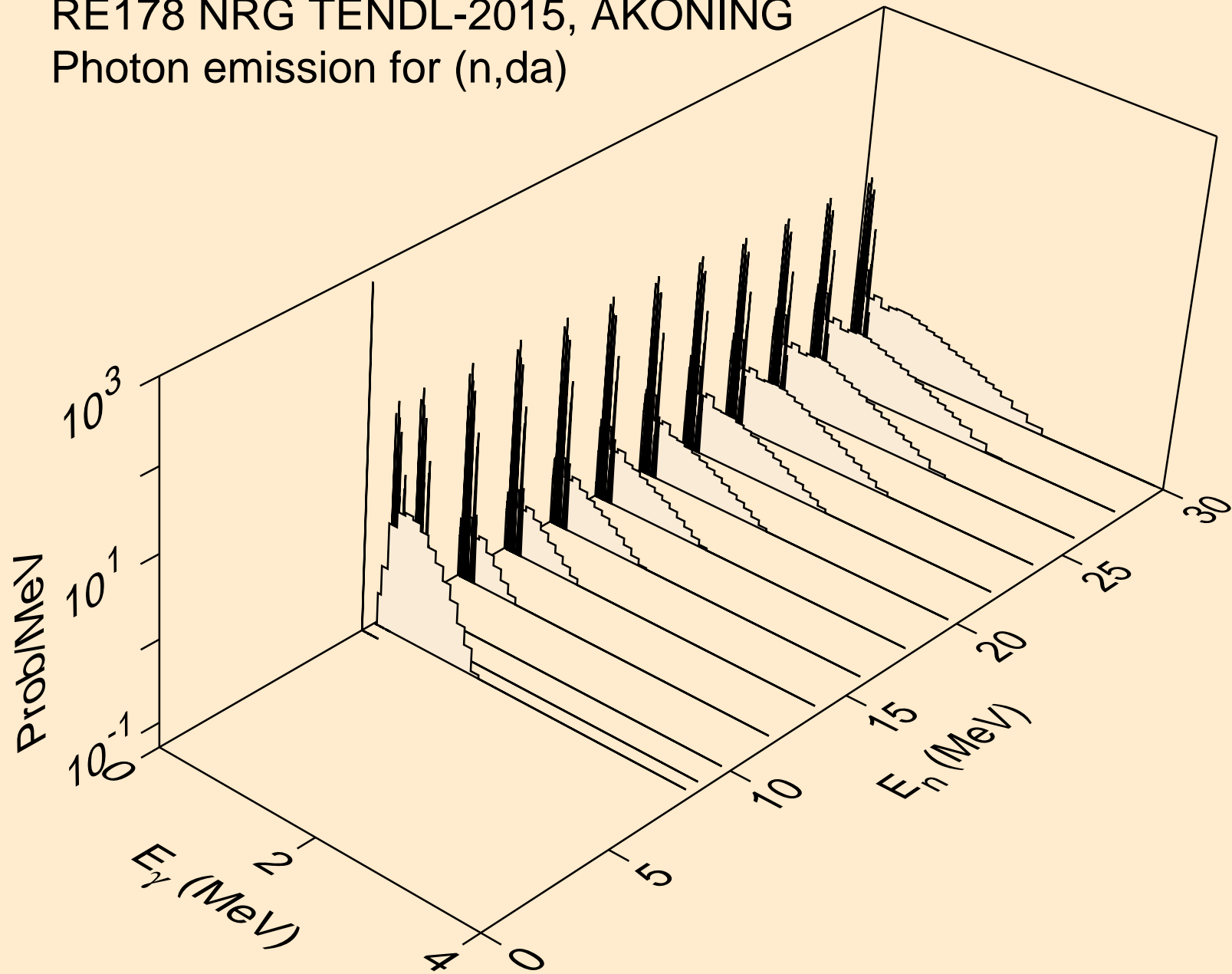


RE178 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)

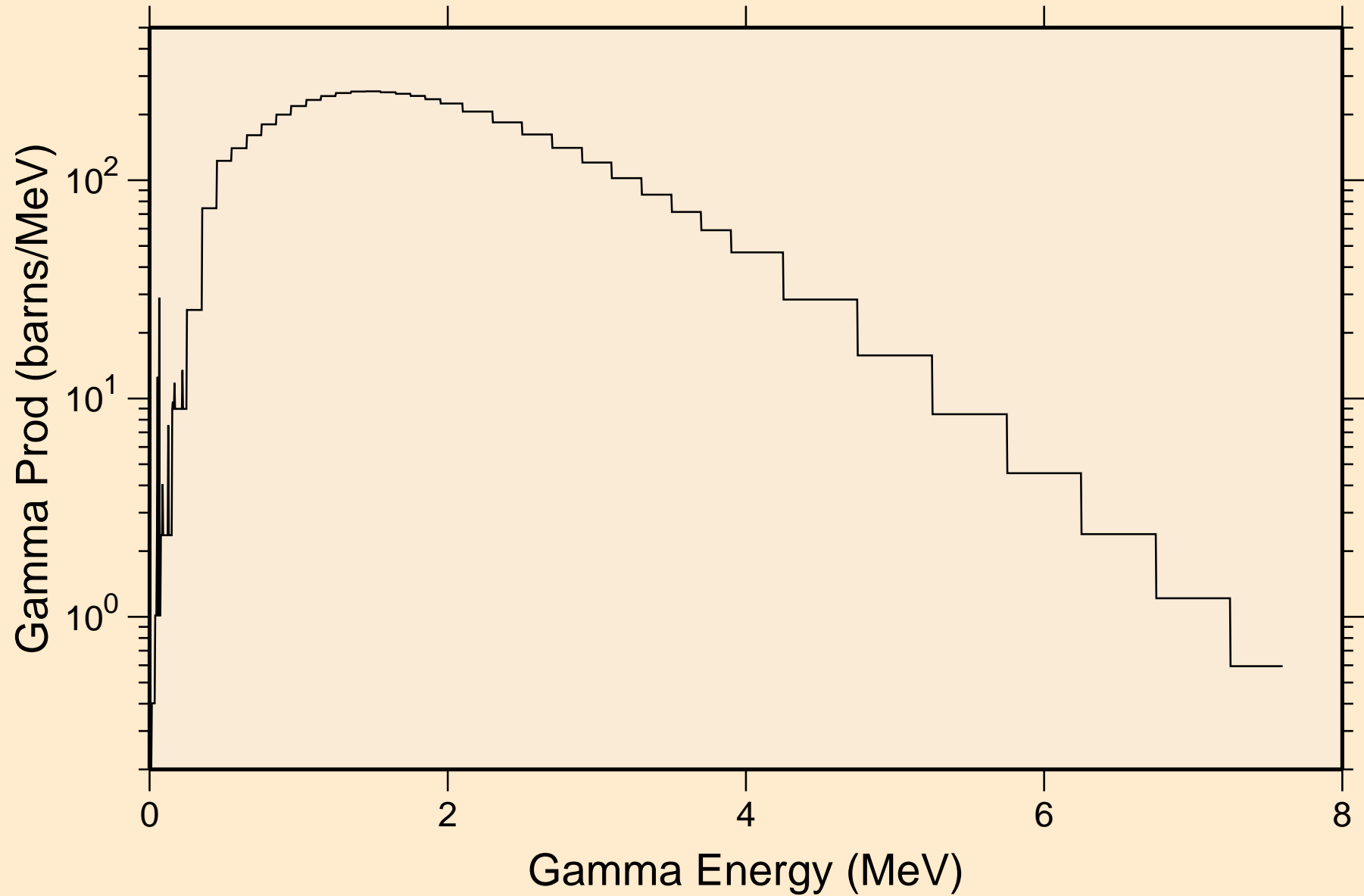




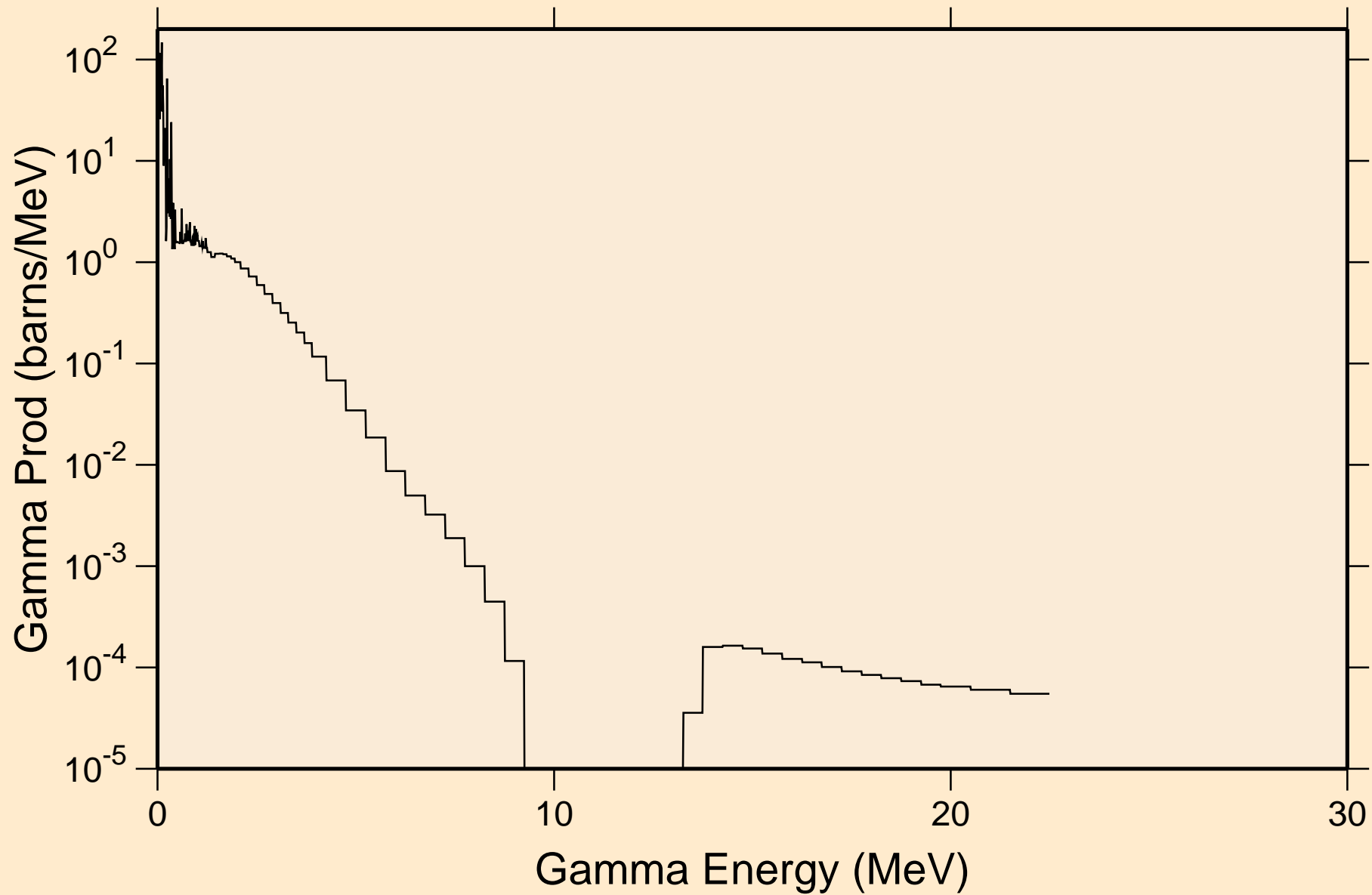
RE178 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



RE178 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

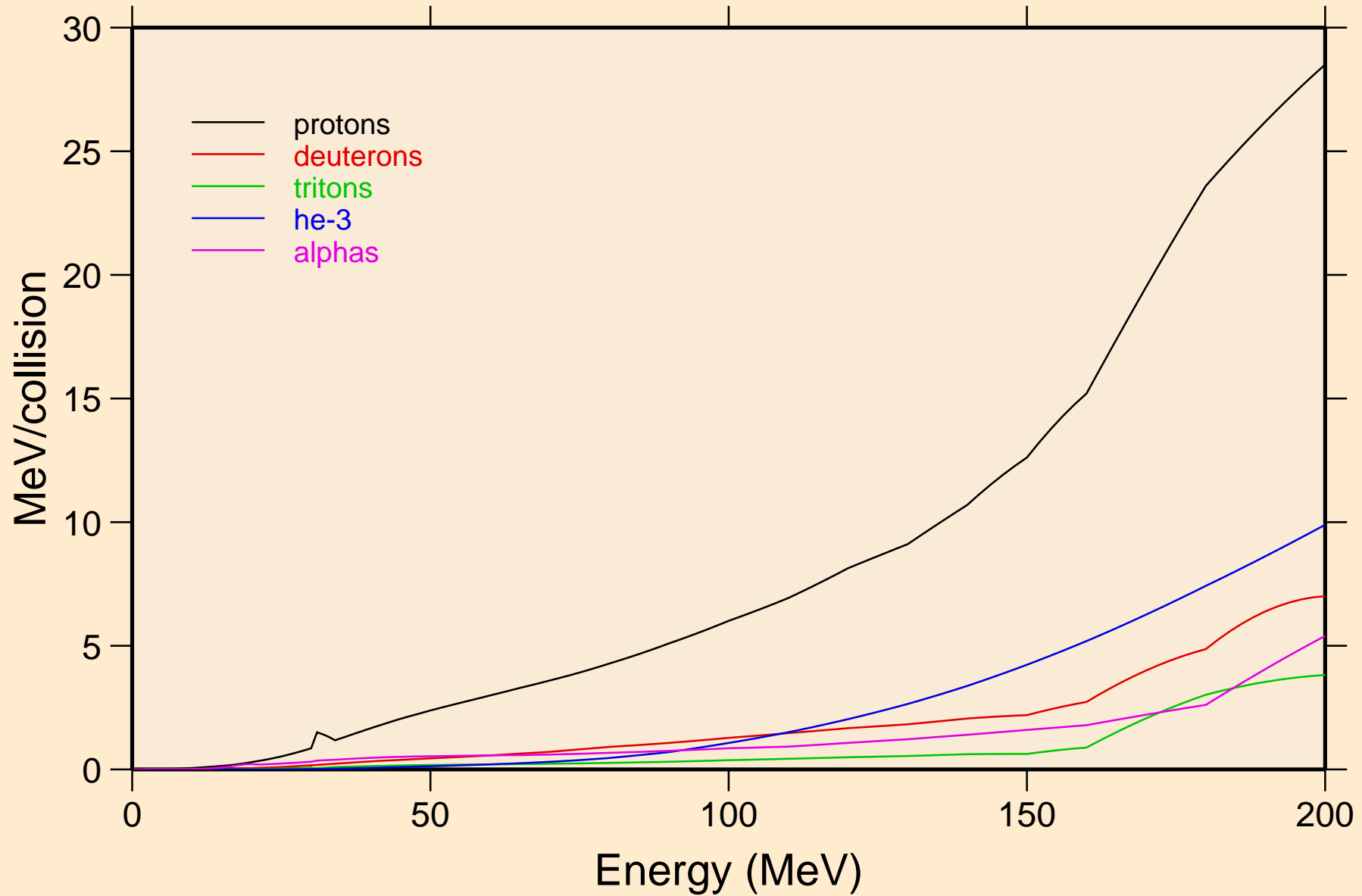


RE178 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



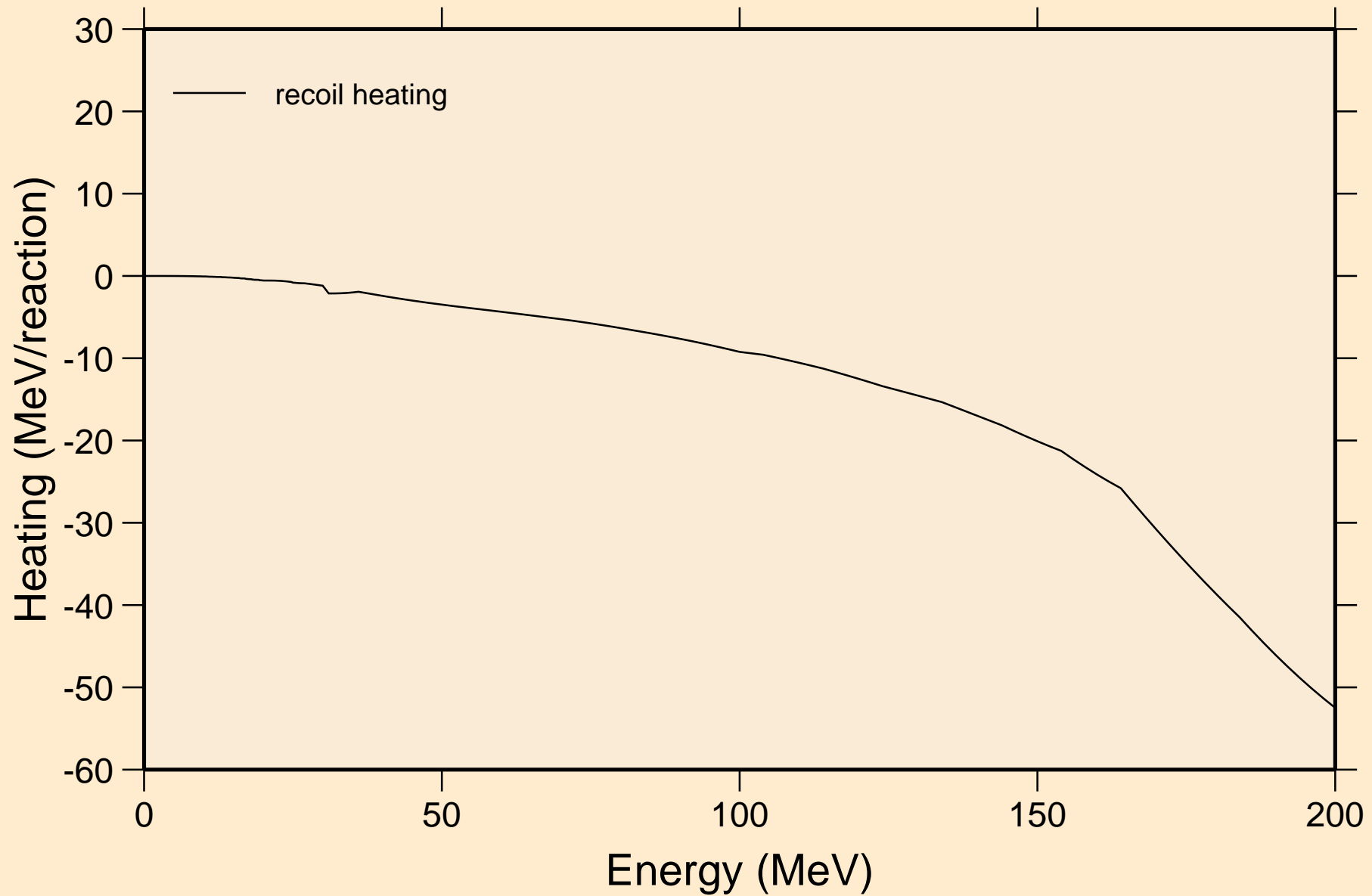
# RE178 NRG TENDL-2015, AKONING

## Particle heating contributions



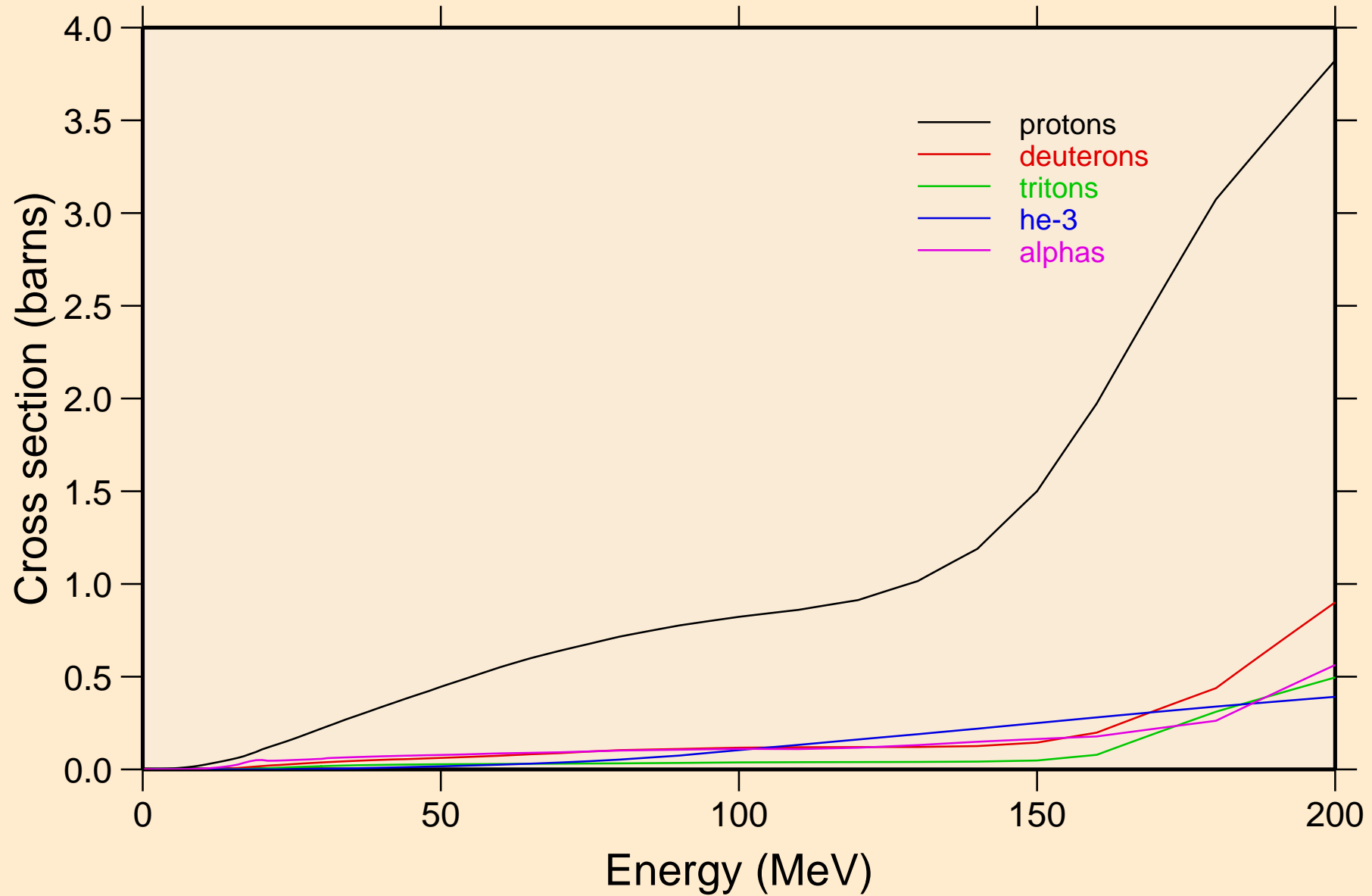
# RE178 NRG TENDL-2015, AKONING

## Recoil Heating

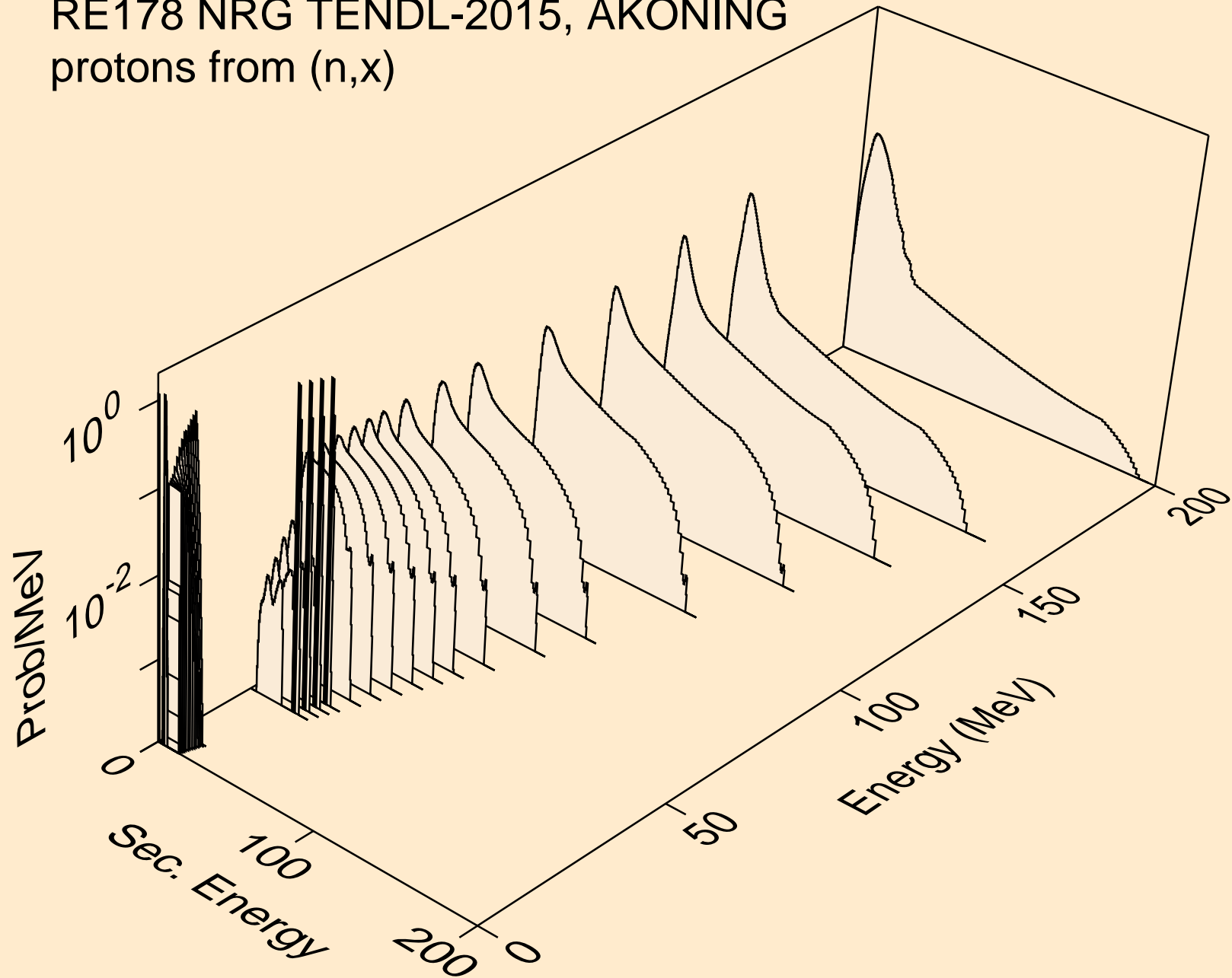


# RE178 NRG TENDL-2015, AKONING

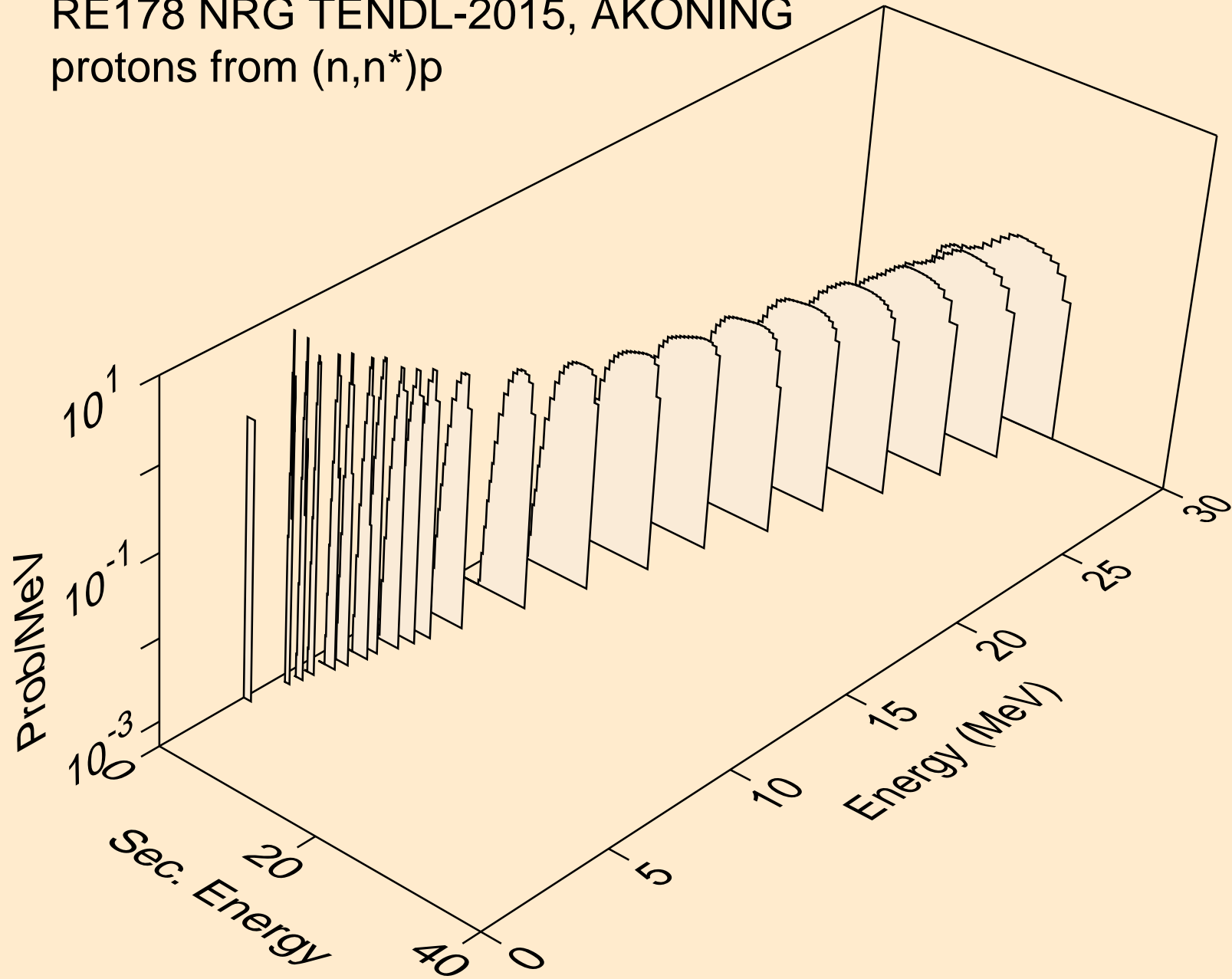
## Particle production cross sections



RE178 NRG TENDL-2015, AKONING  
protons from (n,x)

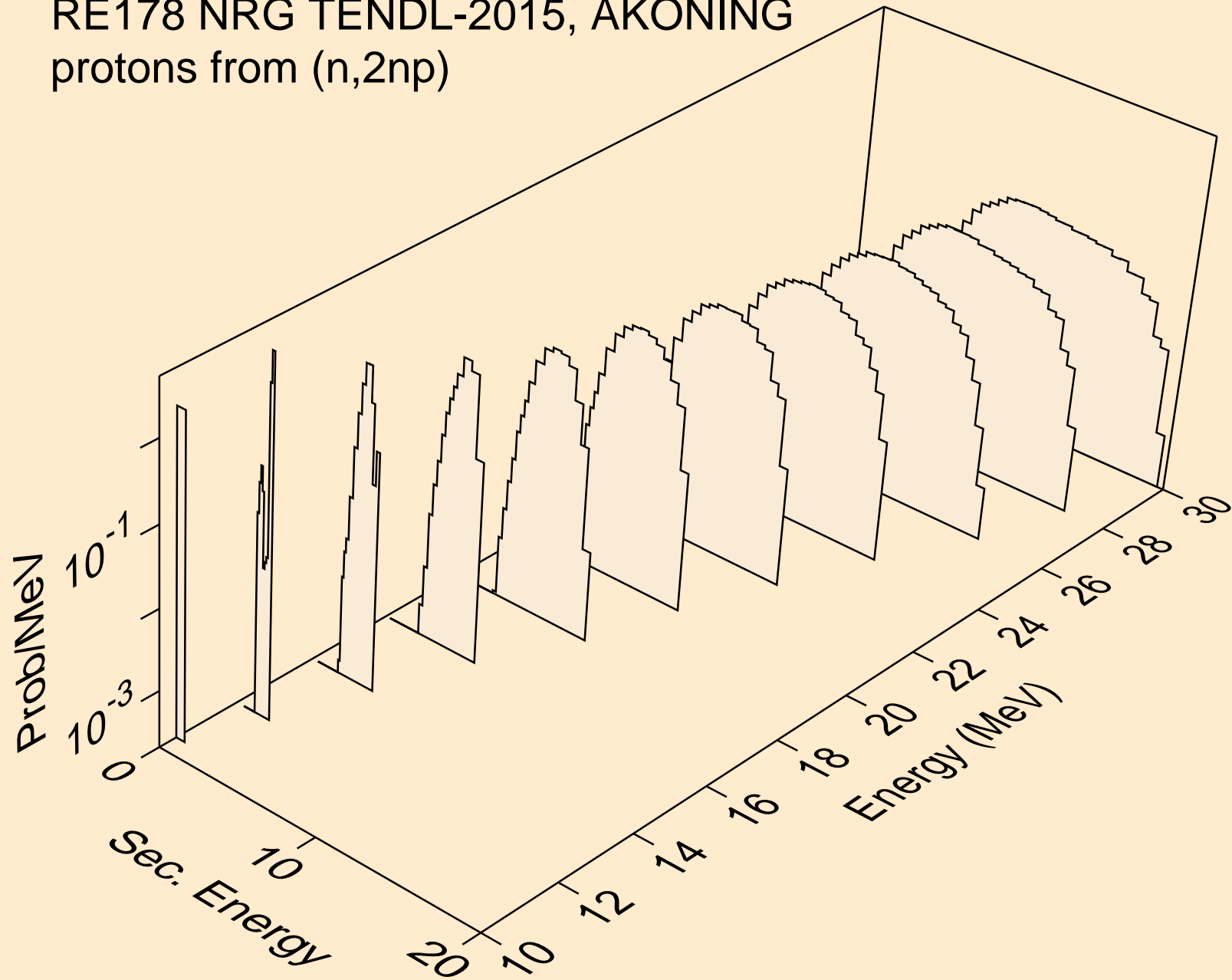


RE178 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

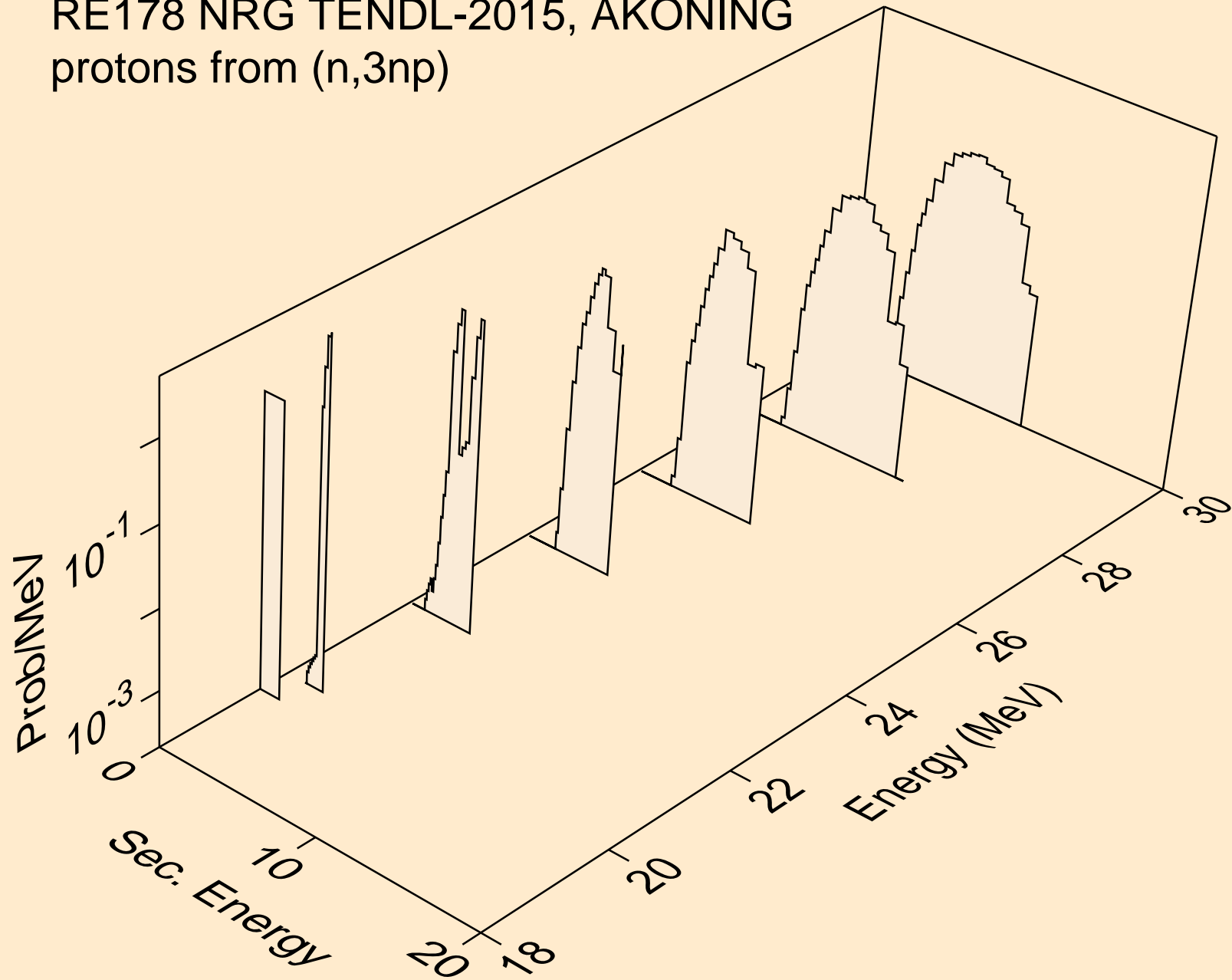




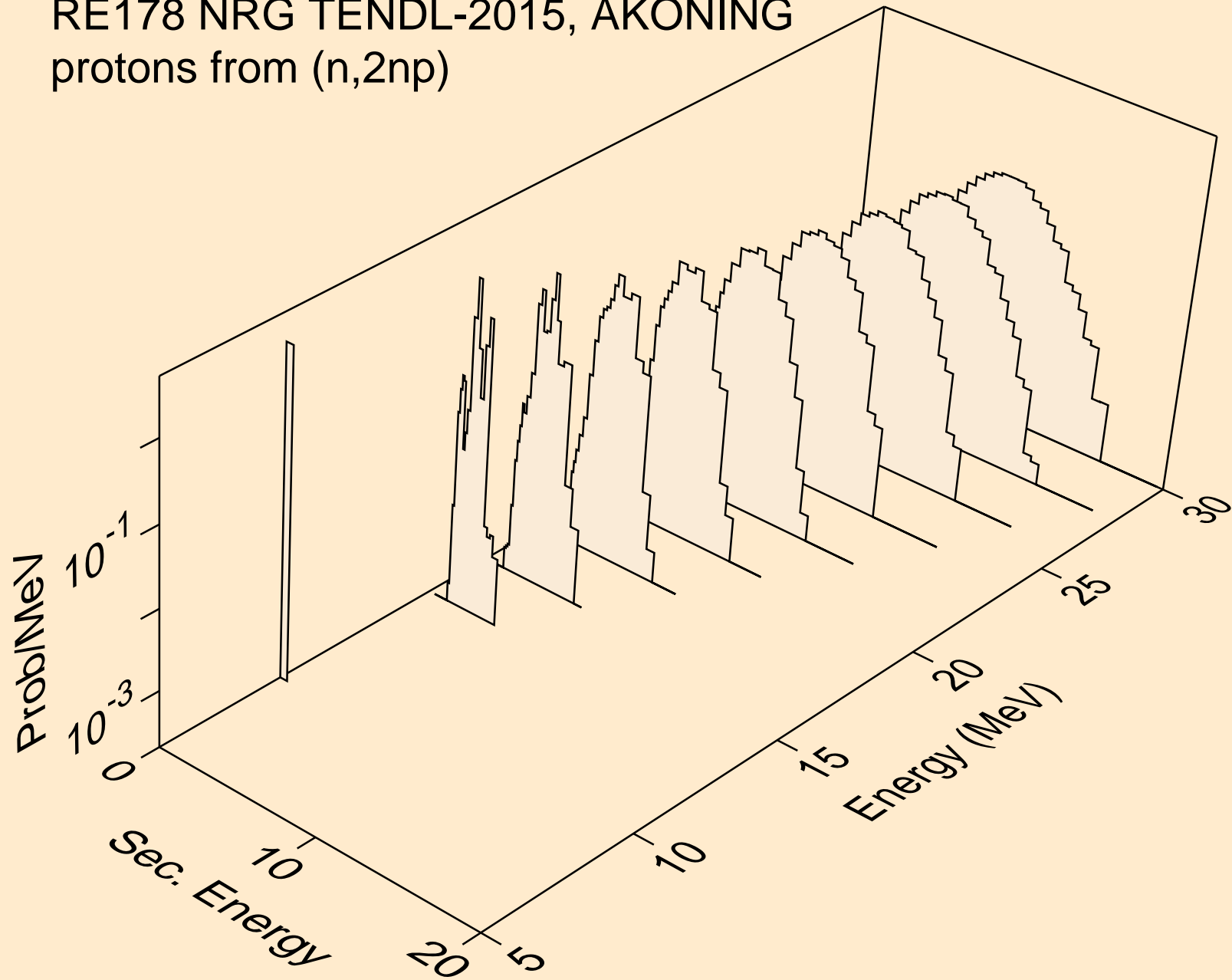
RE178 NRG TENDL-2015, AKONING  
protons from (n,2np)



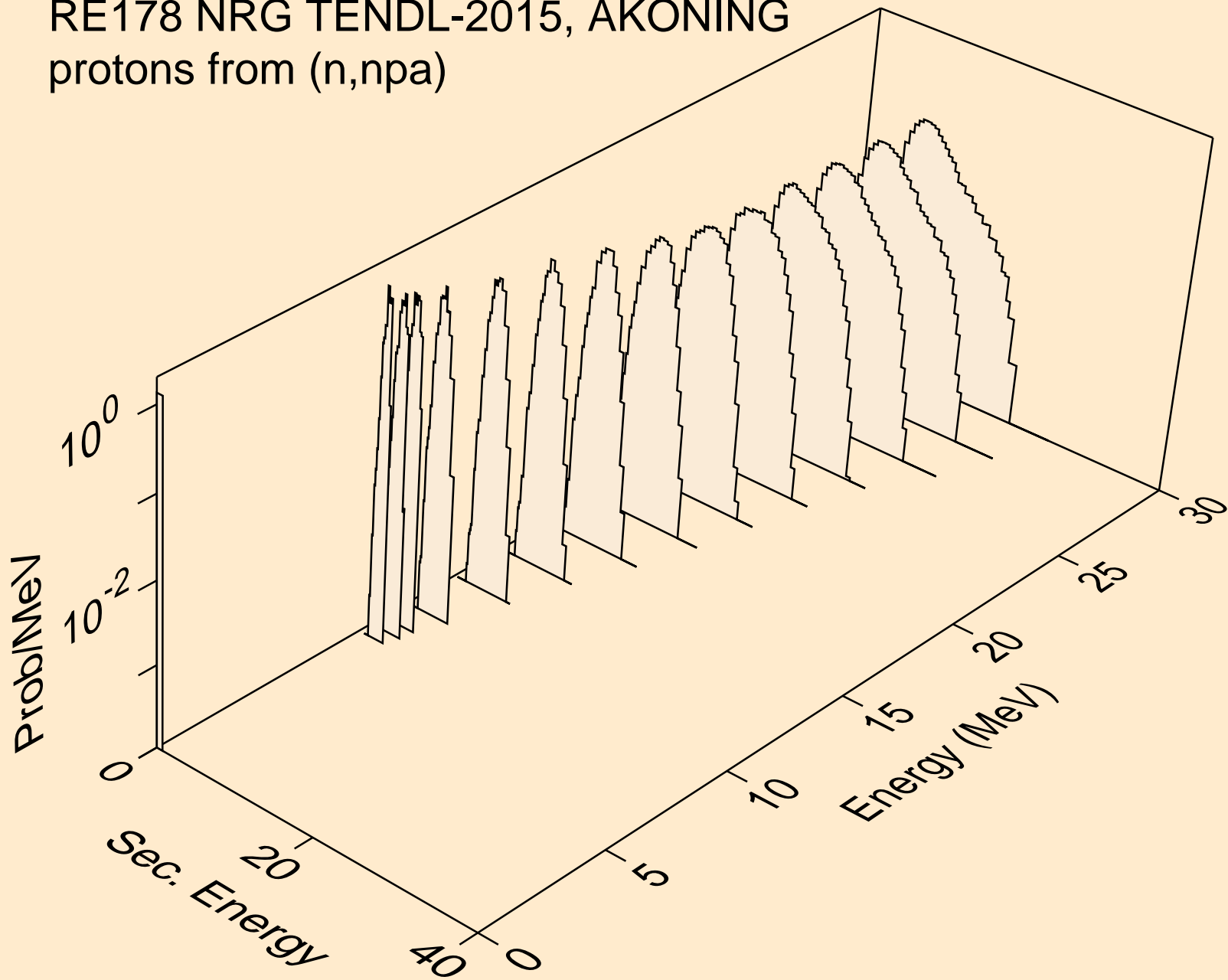
RE178 NRG TENDL-2015, AKONING  
protons from (n,3np)



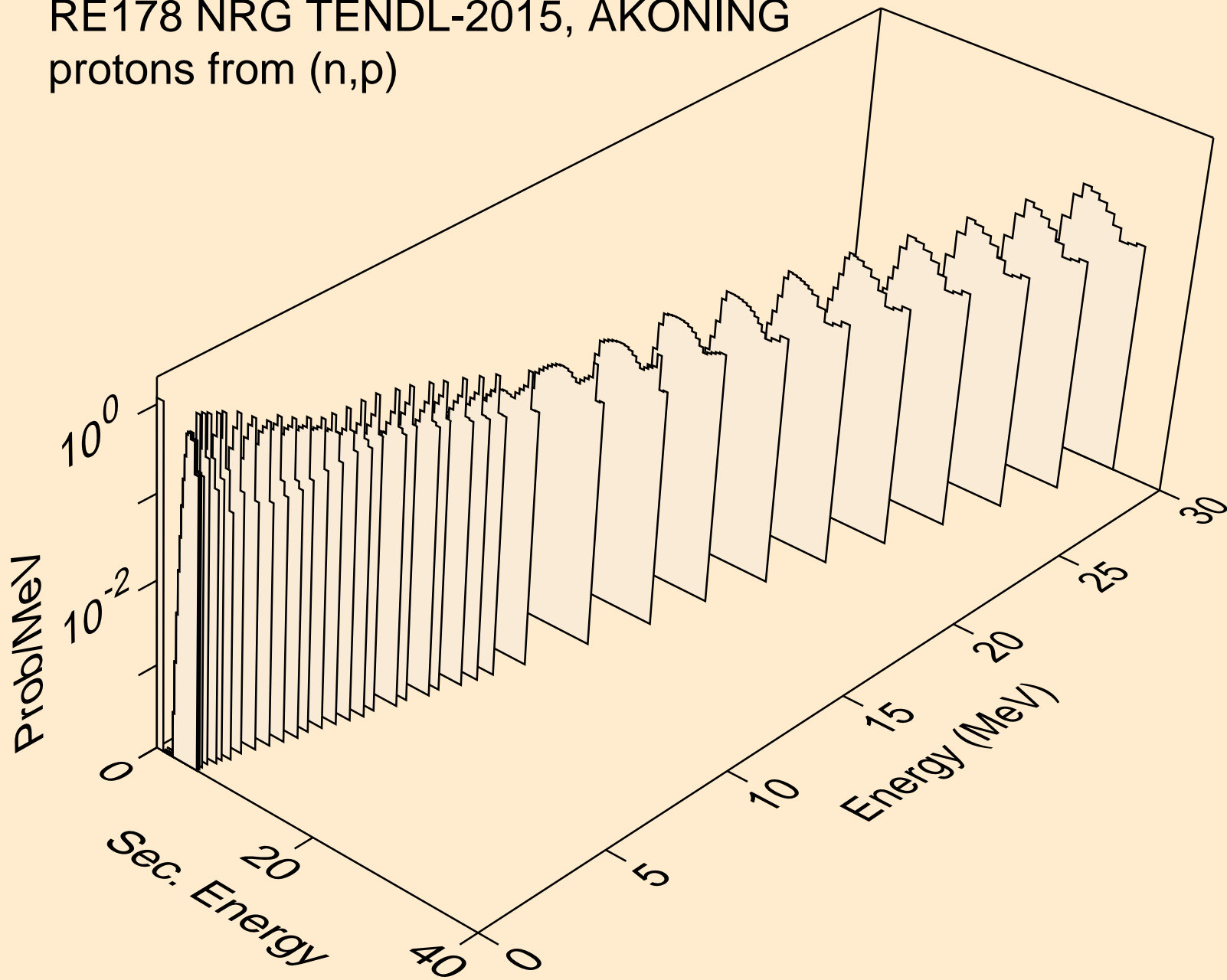
RE178 NRG TENDL-2015, AKONING  
protons from (n,2np)



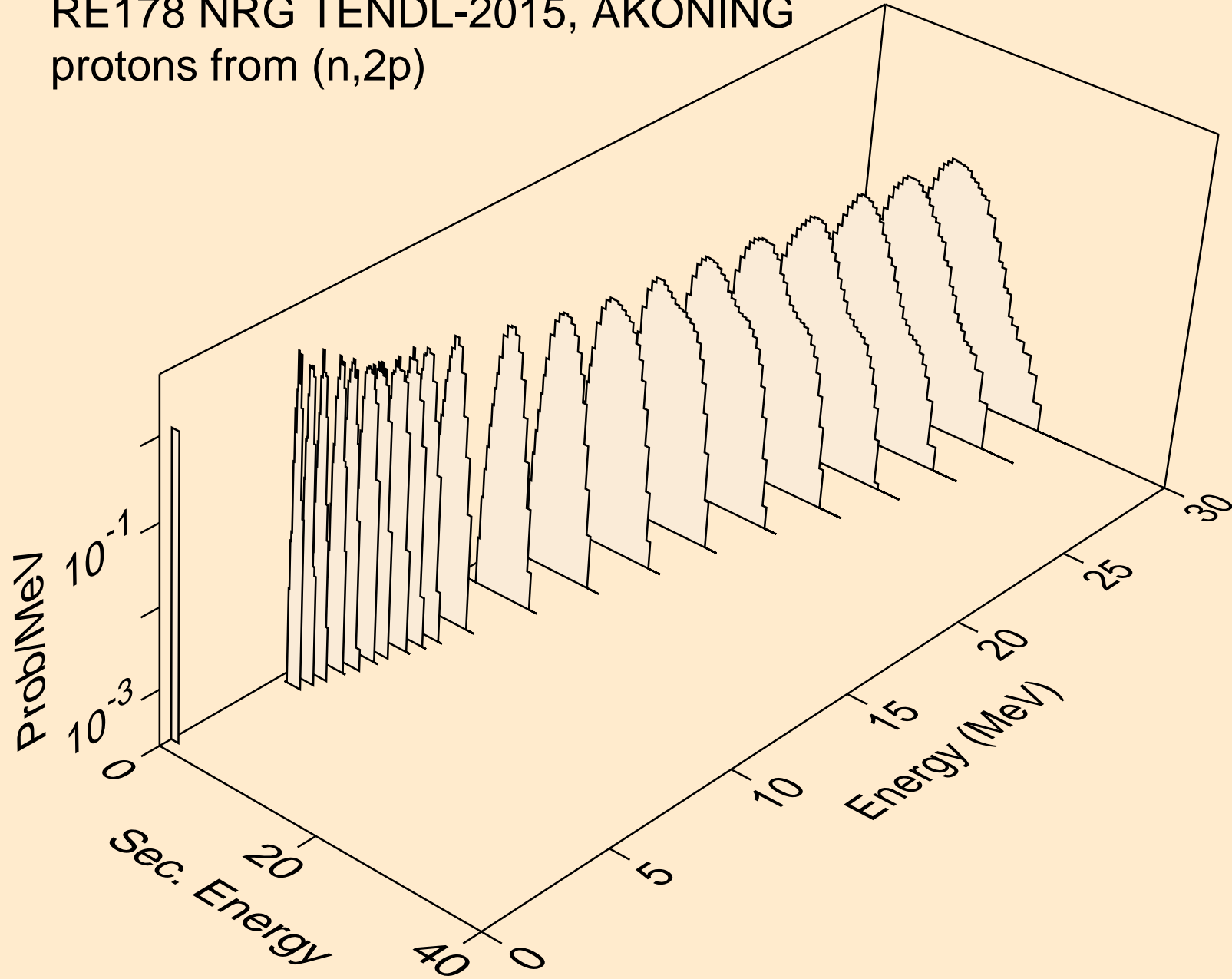
RE178 NRG TENDL-2015, AKONING  
protons from (n,npa)



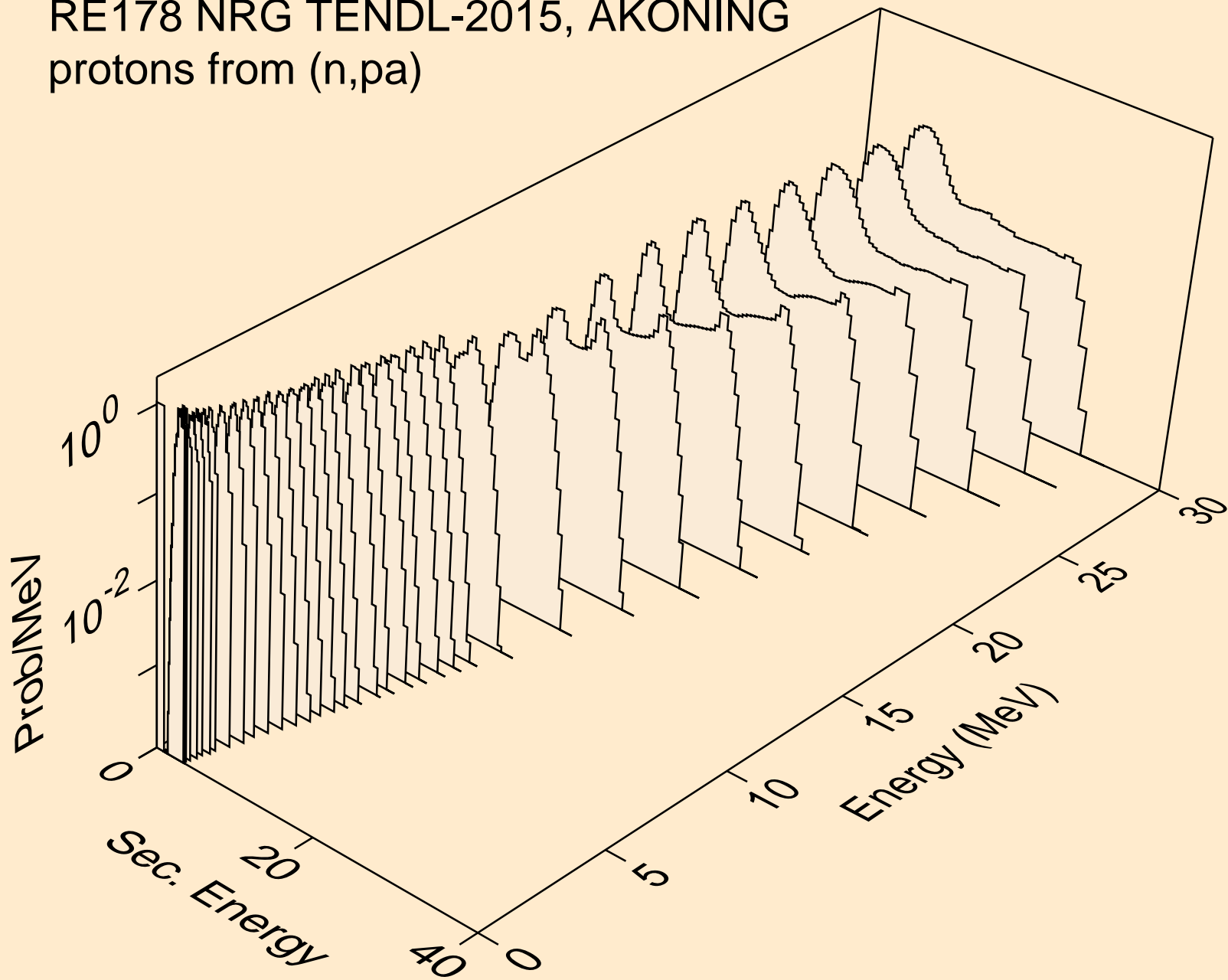
RE178 NRG TENDL-2015, AKONING  
protons from (n,p)



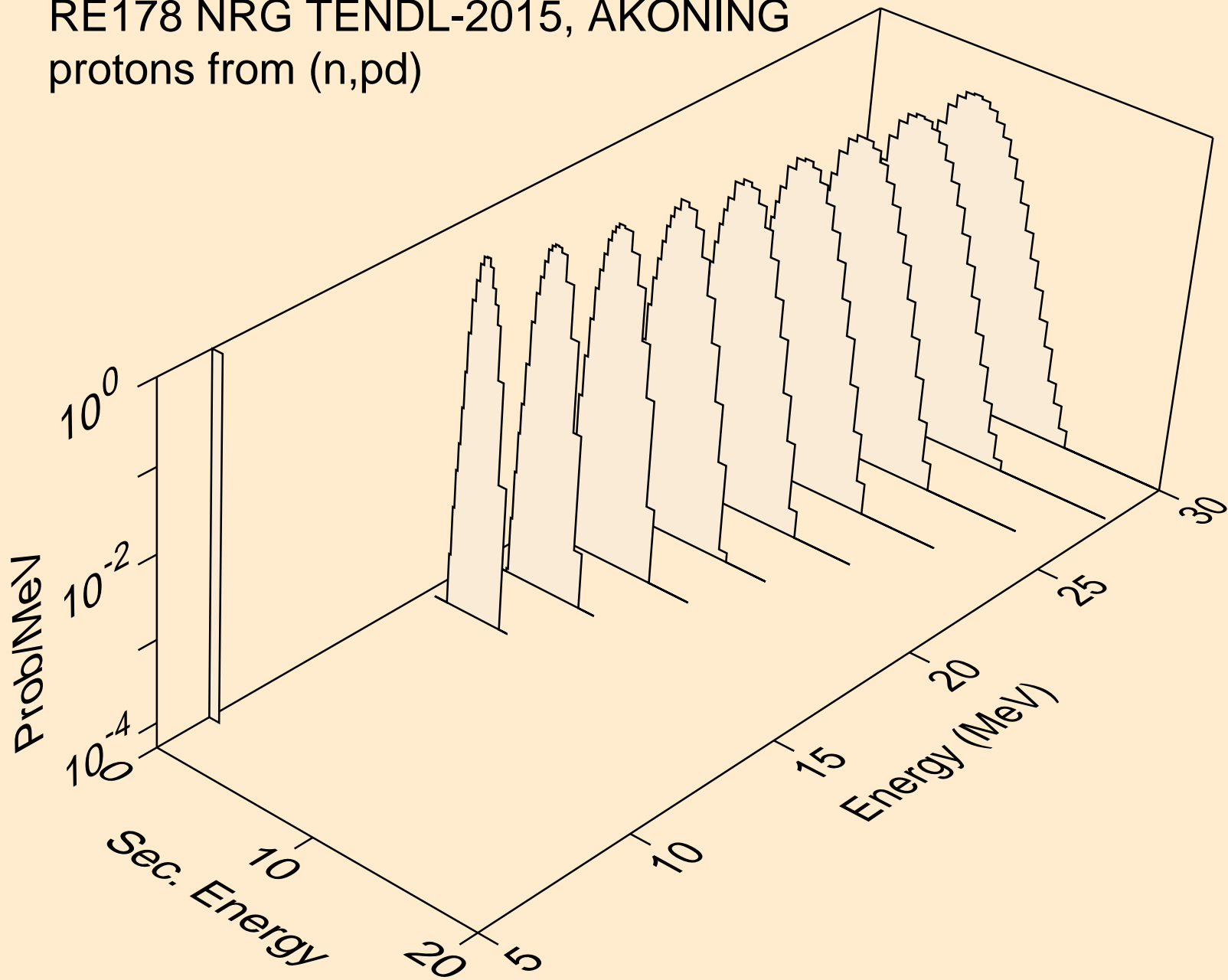
RE178 NRG TENDL-2015, AKONING  
protons from (n,2p)



RE178 NRG TENDL-2015, AKONING  
protons from (n,pa)

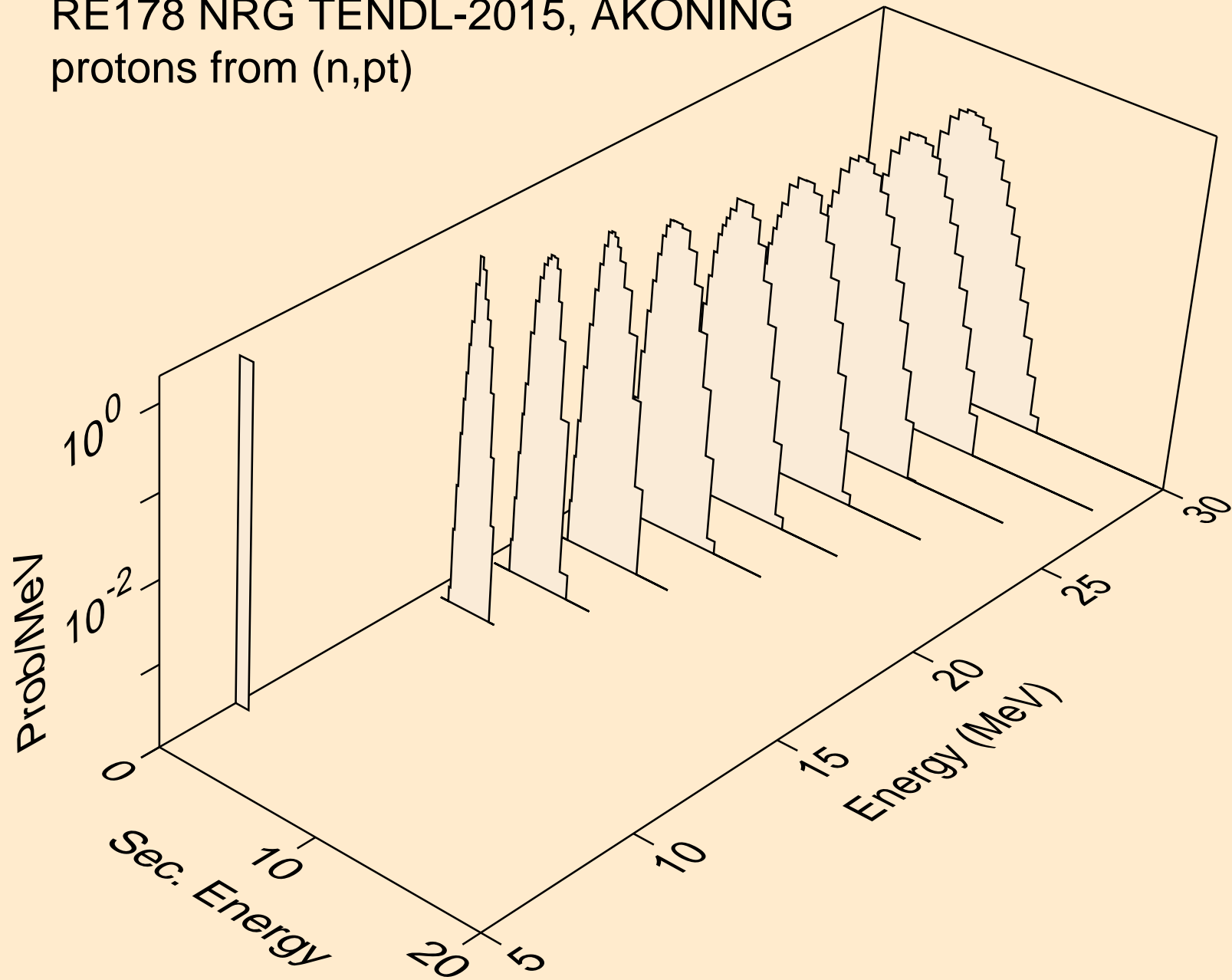


RE178 NRG TENDL-2015, AKONING  
protons from (n,pd)

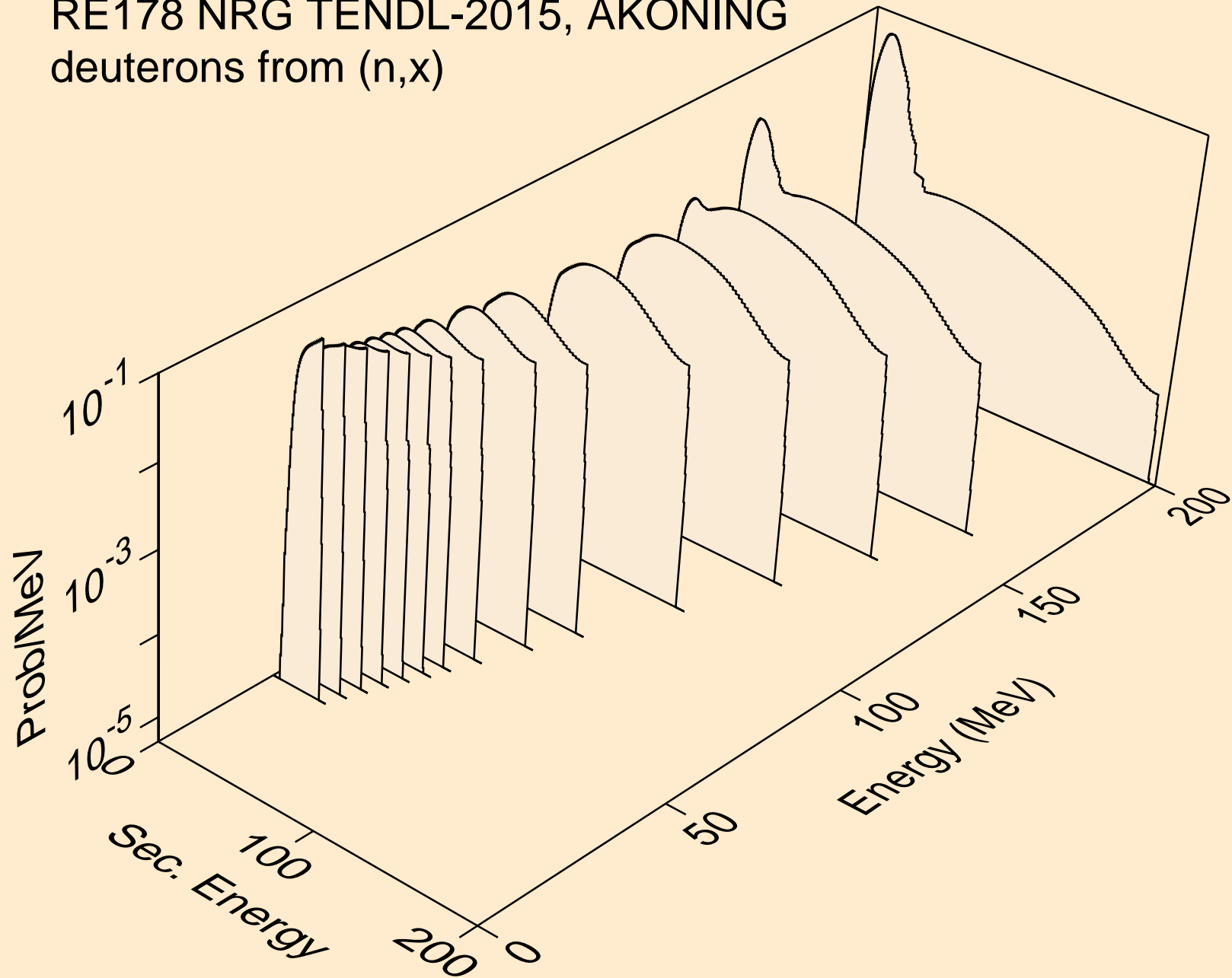




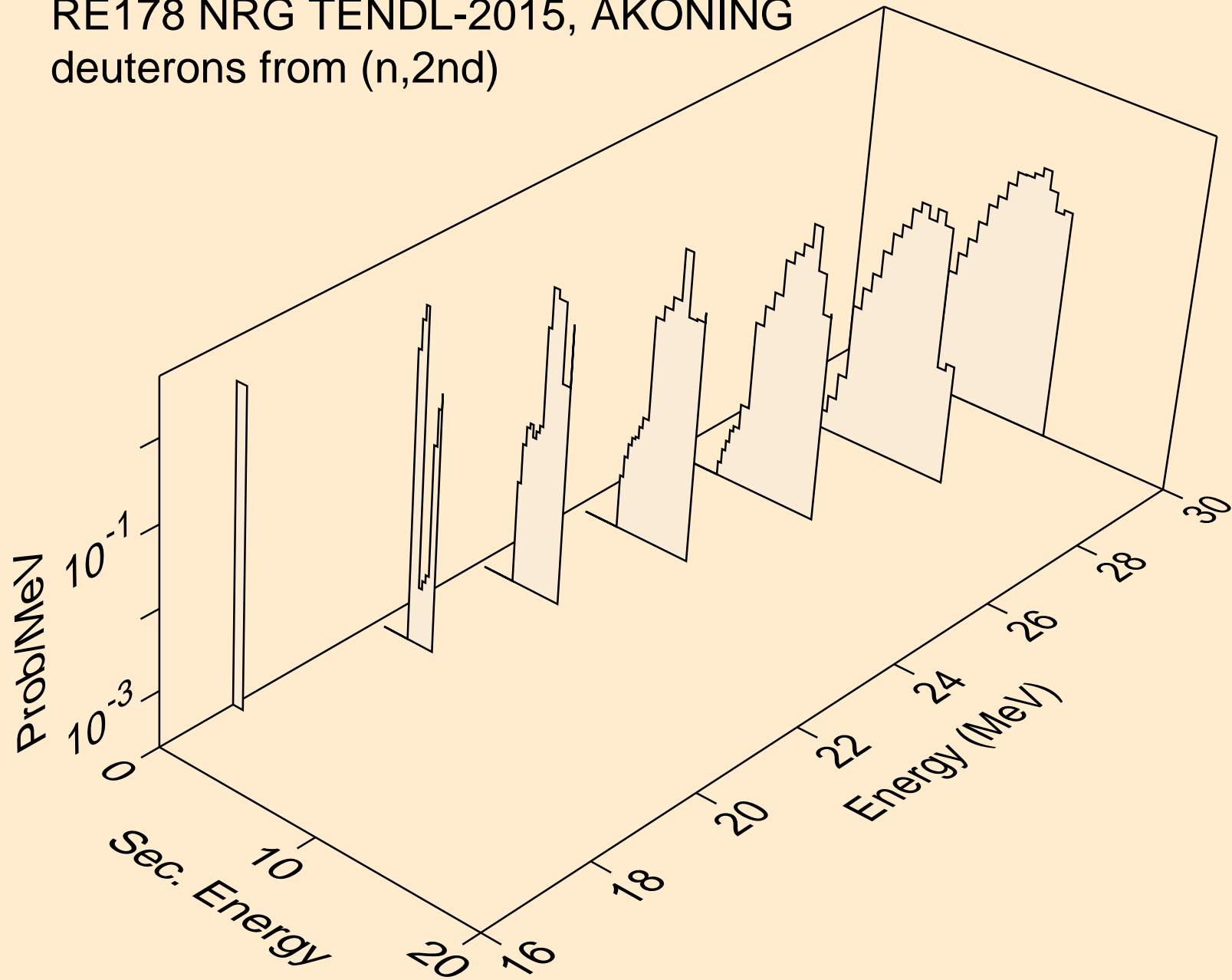
RE178 NRG TENDL-2015, AKONING  
protons from (n,pt)



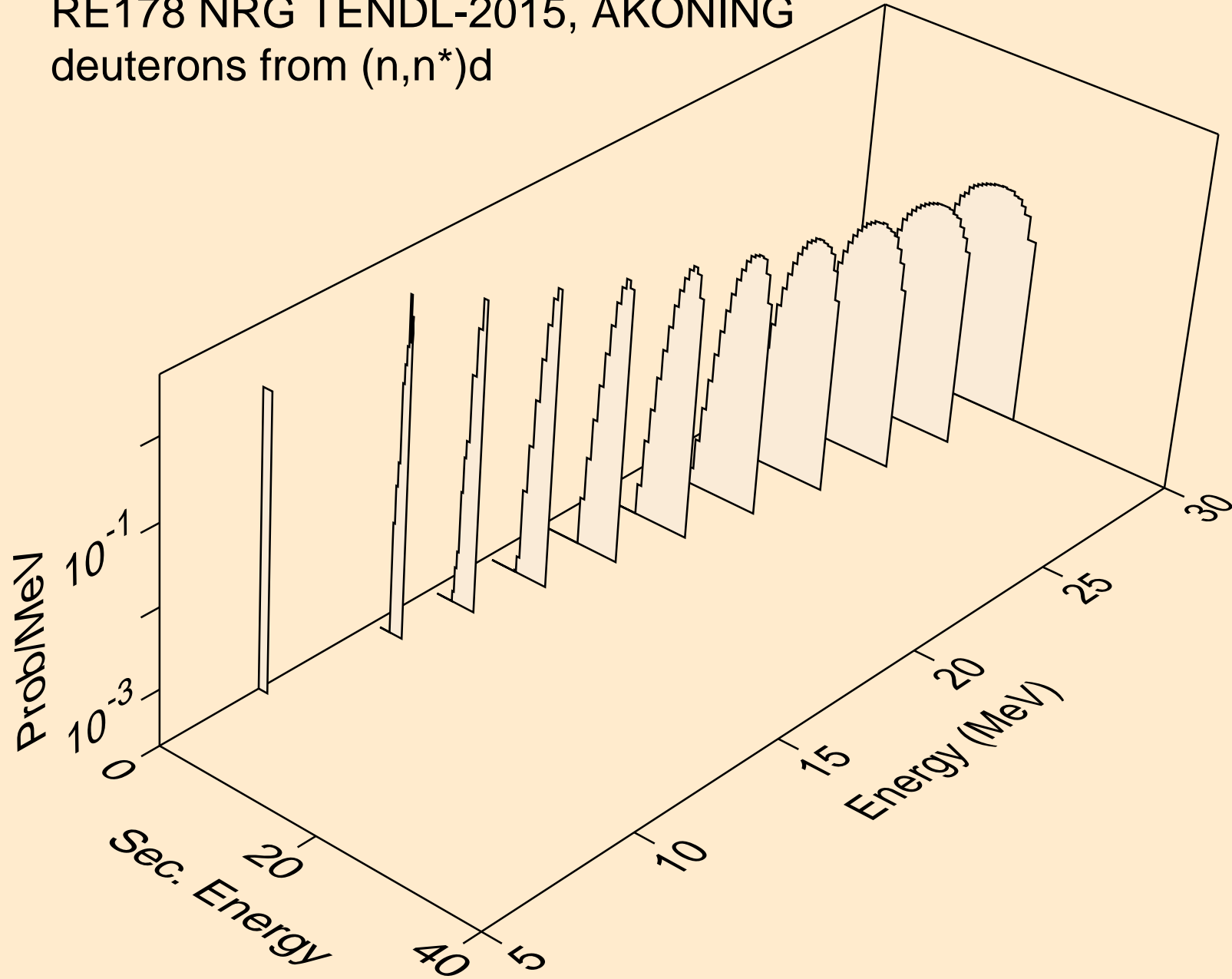
RE178 NRG TENDL-2015, AKONING  
deuterons from (n,x)



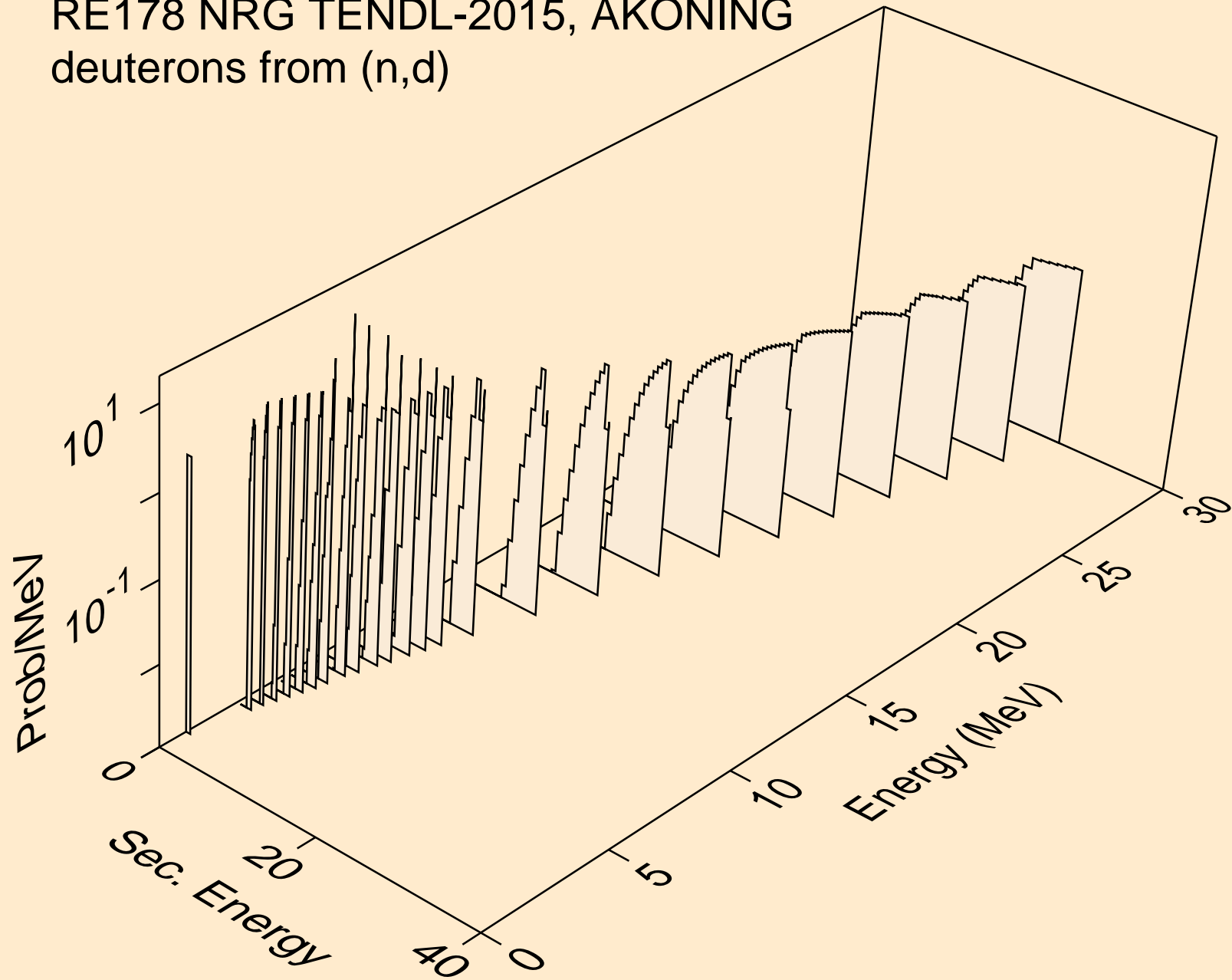
RE178 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



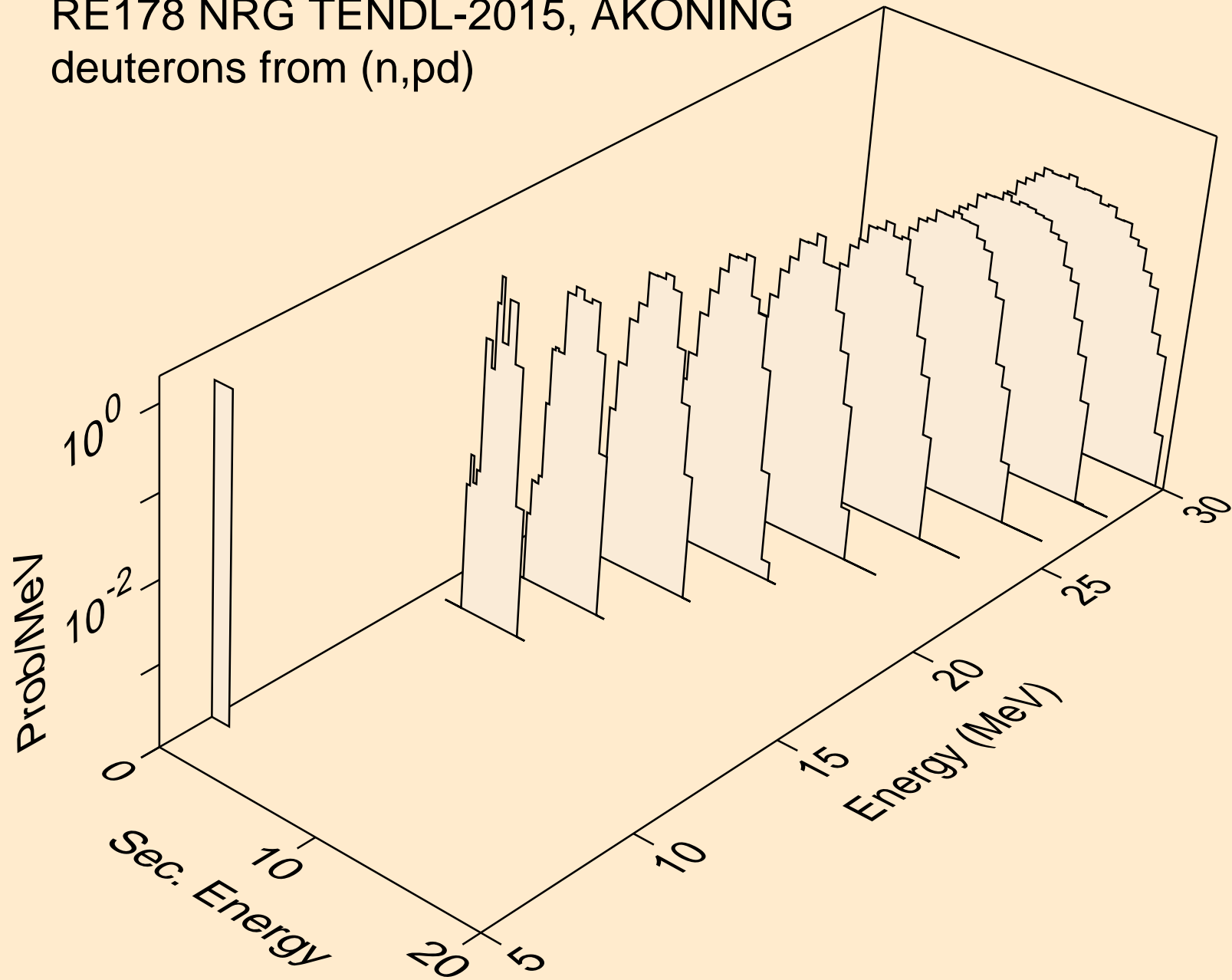
RE178 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



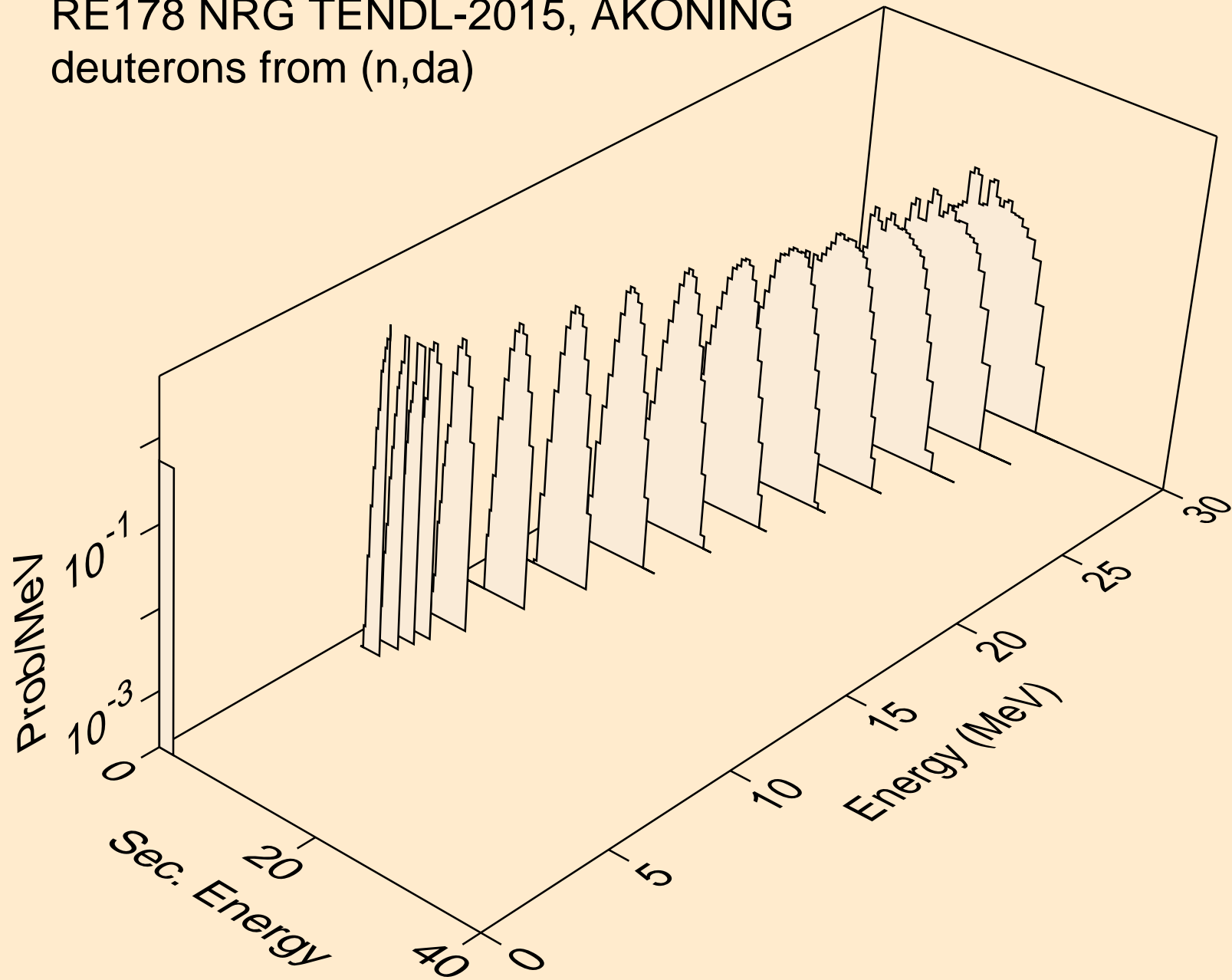
RE178 NRG TENDL-2015, AKONING  
deuterons from (n,d)



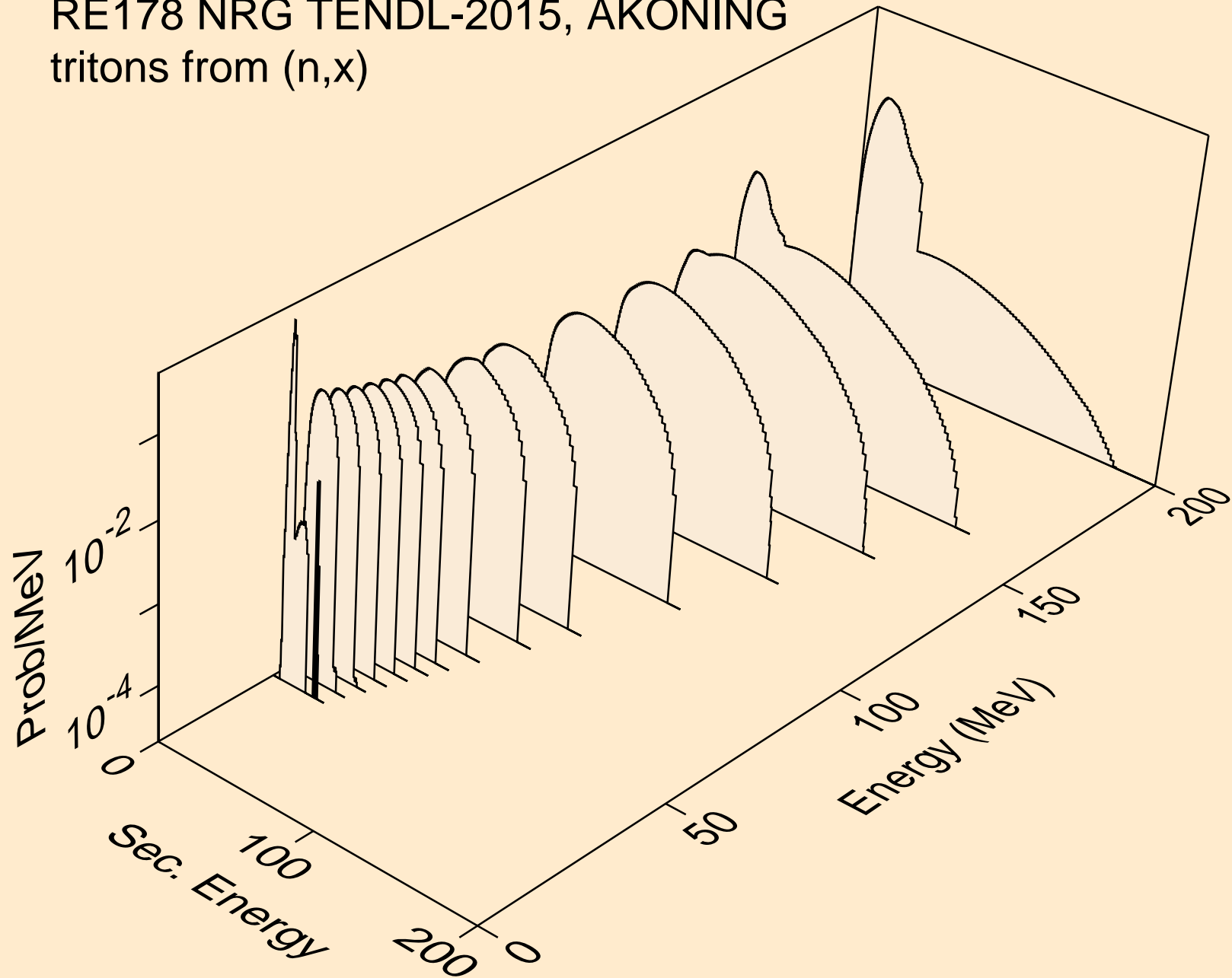
RE178 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



RE178 NRG TENDL-2015, AKONING  
deuterons from (n,da)

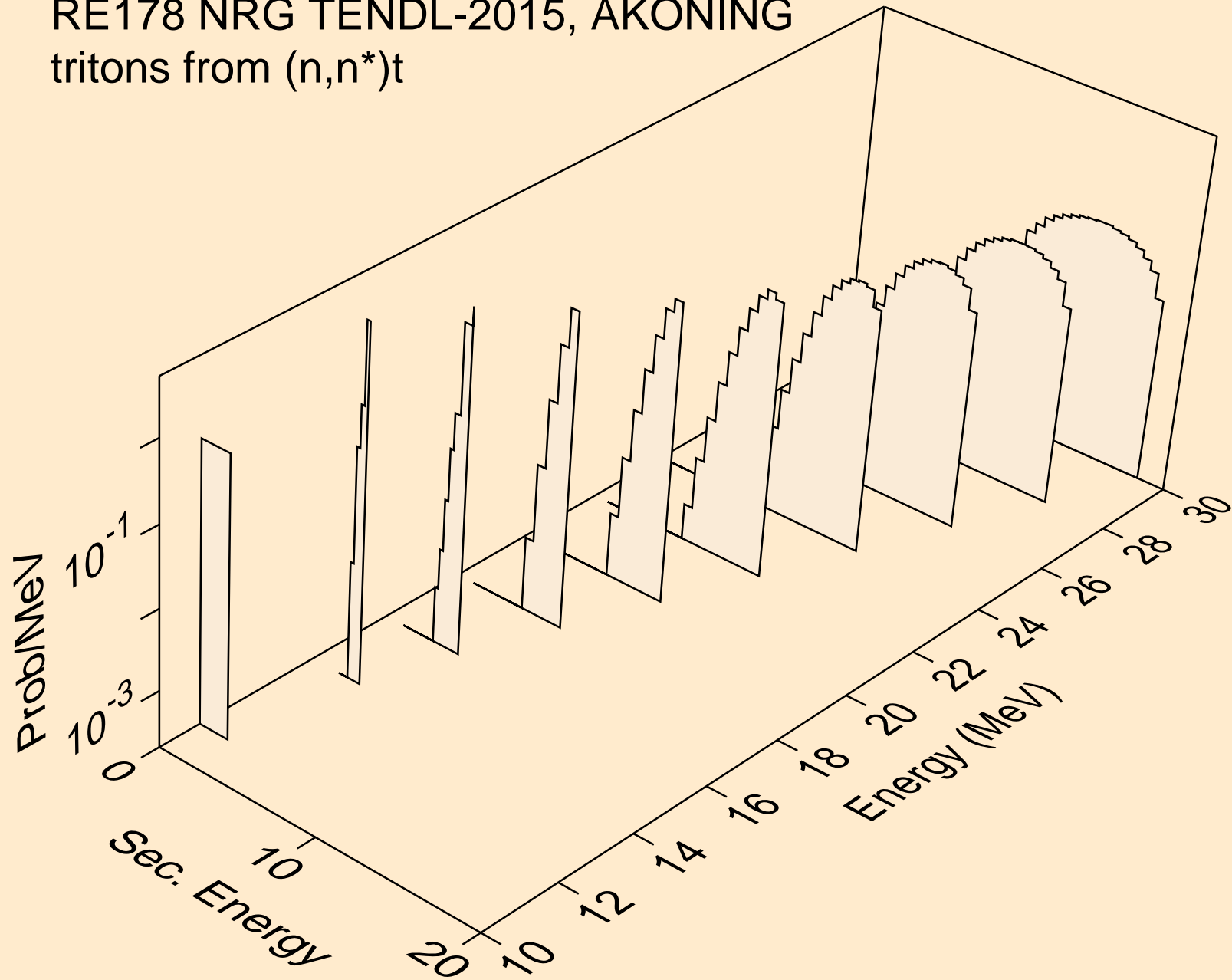


RE178 NRG TENDL-2015, AKONING  
tritons from (n,x)

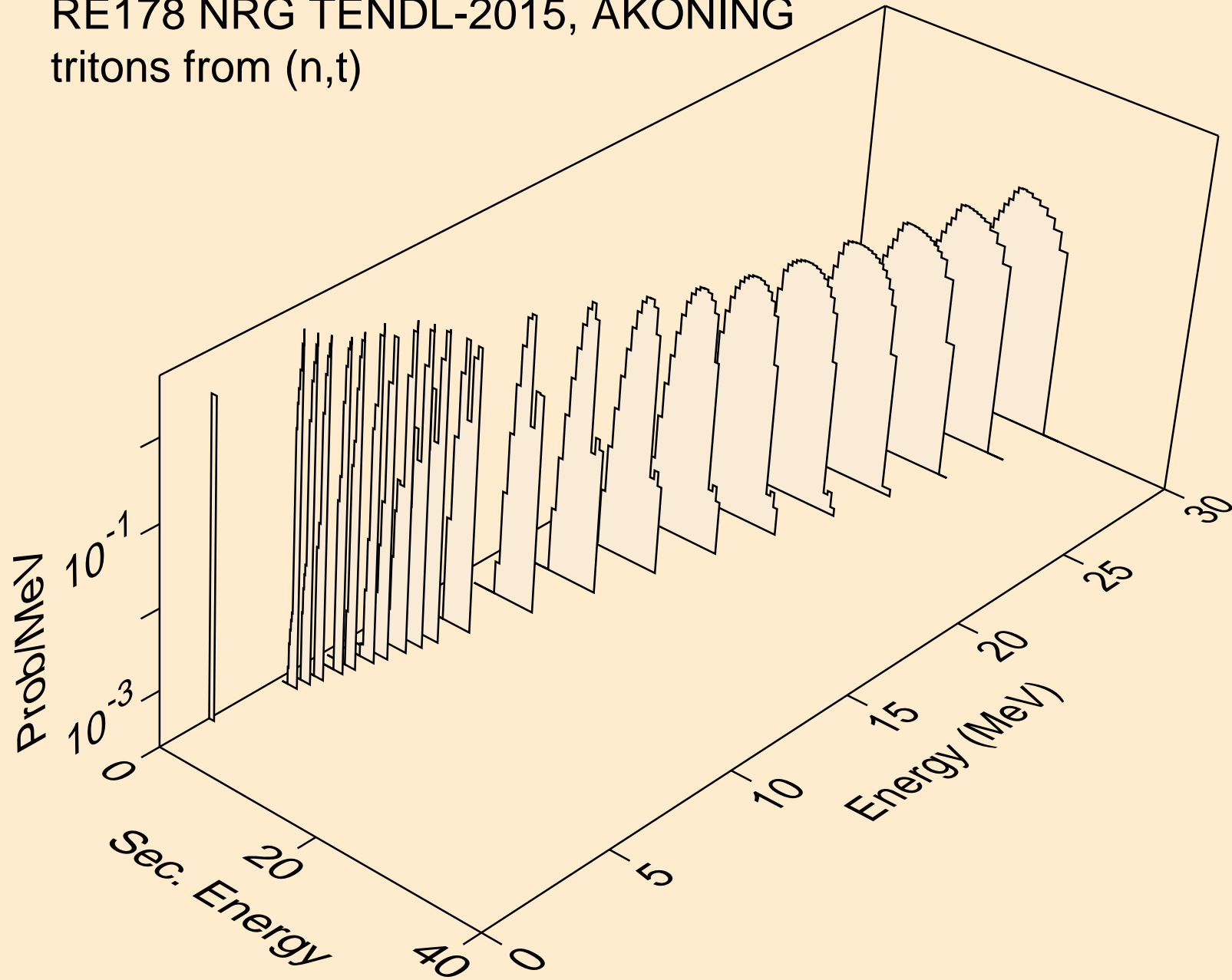




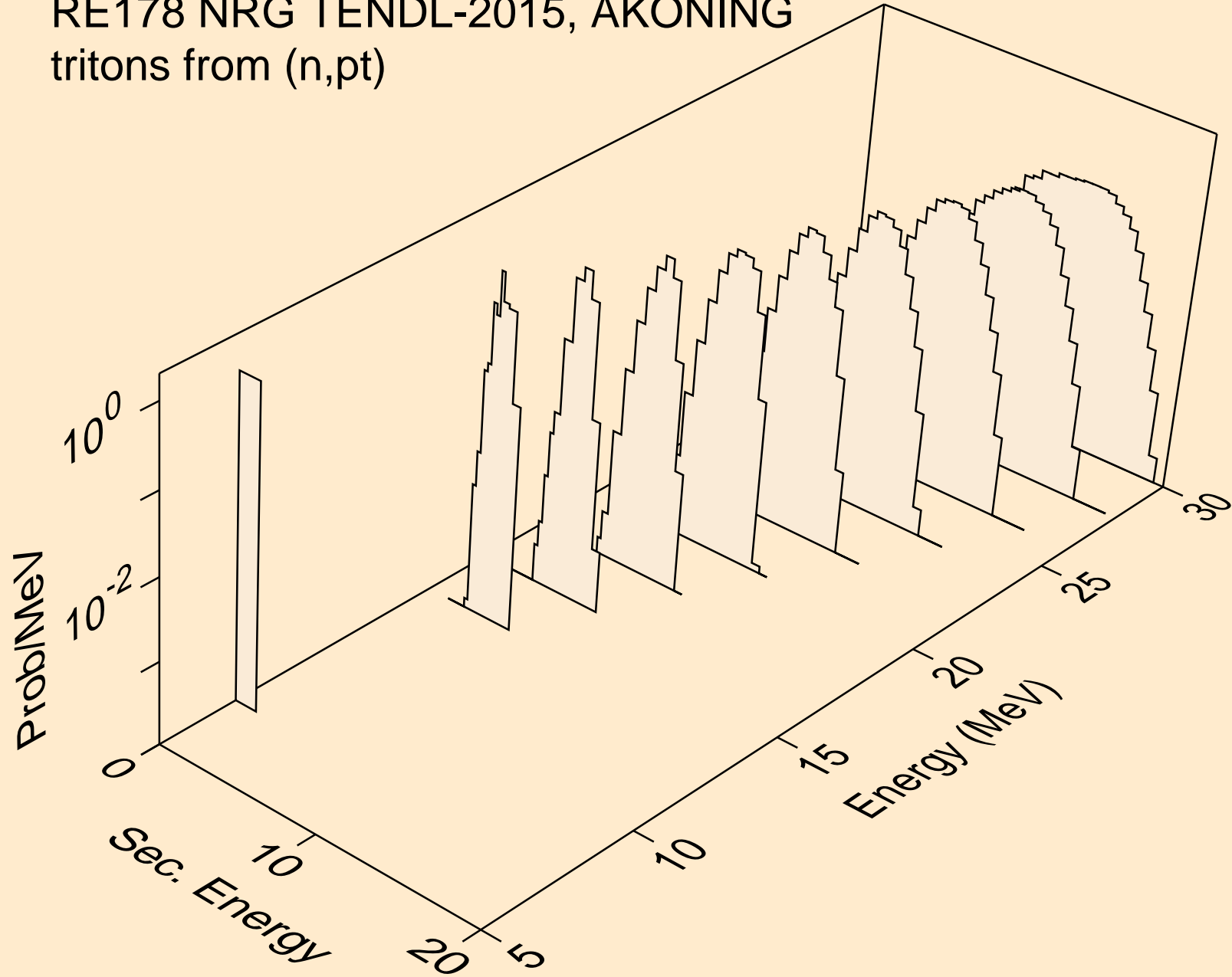
RE178 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



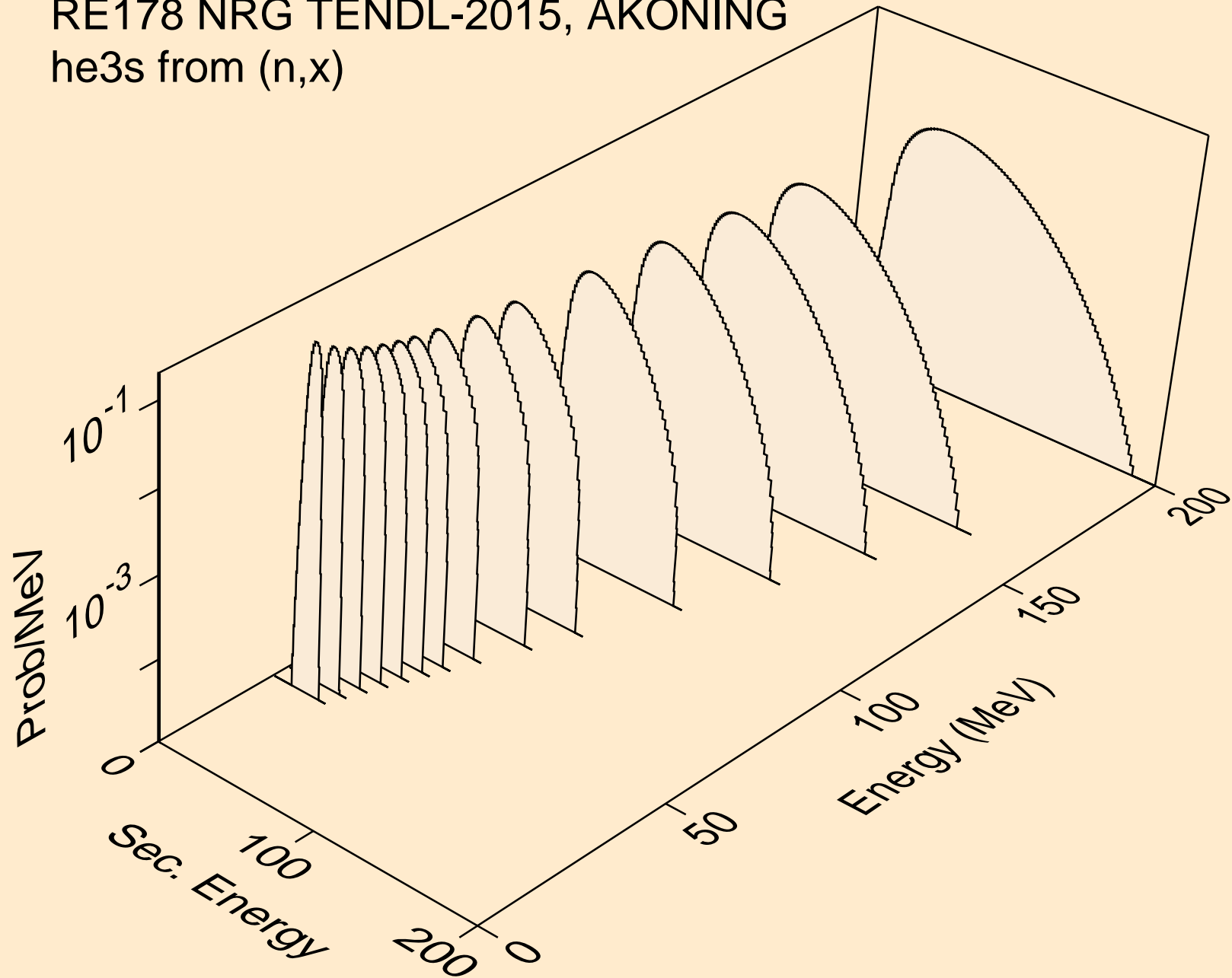
RE178 NRG TENDL-2015, AKONING  
tritons from (n,t)



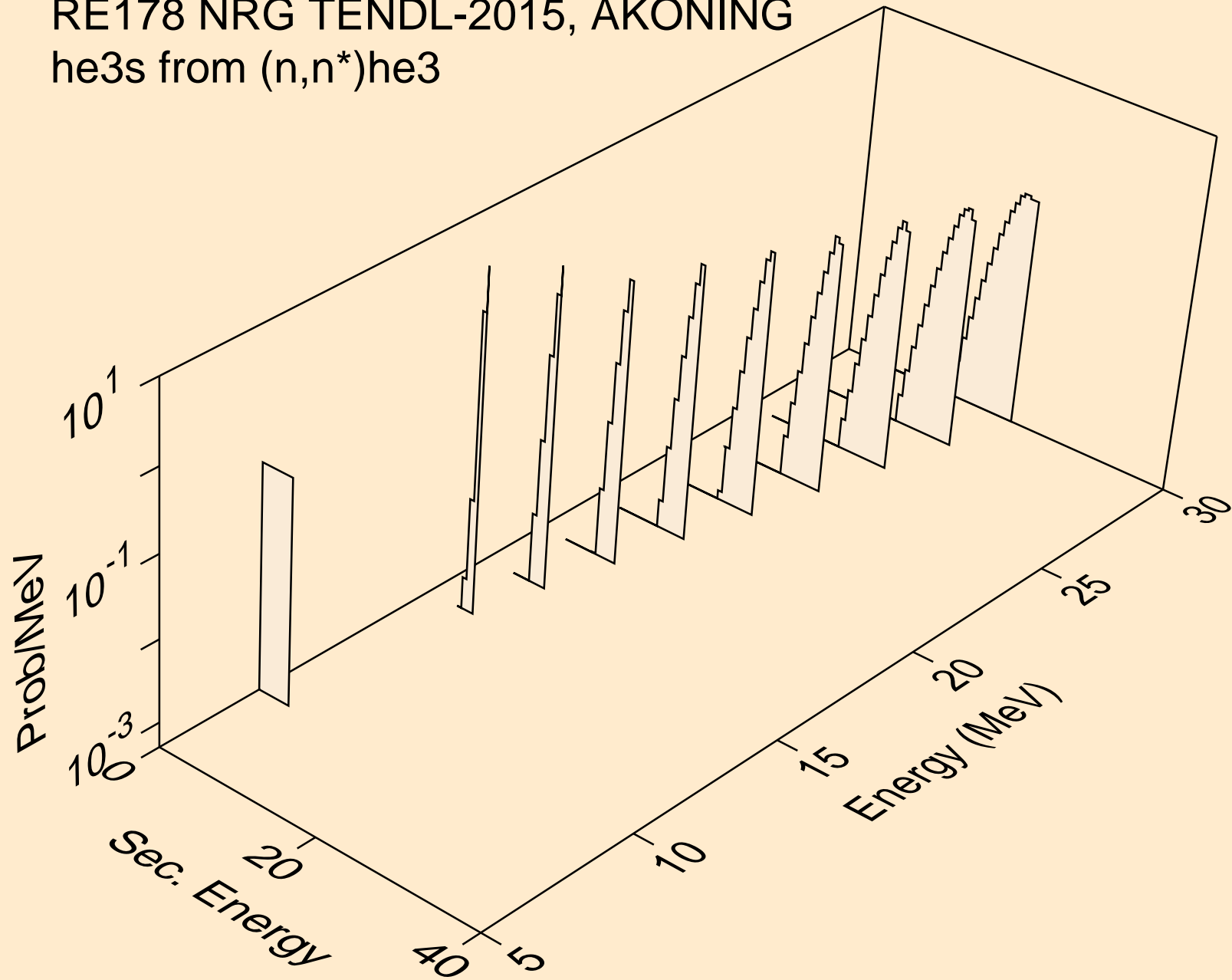
RE178 NRG TENDL-2015, AKONING  
tritons from (n,pt)



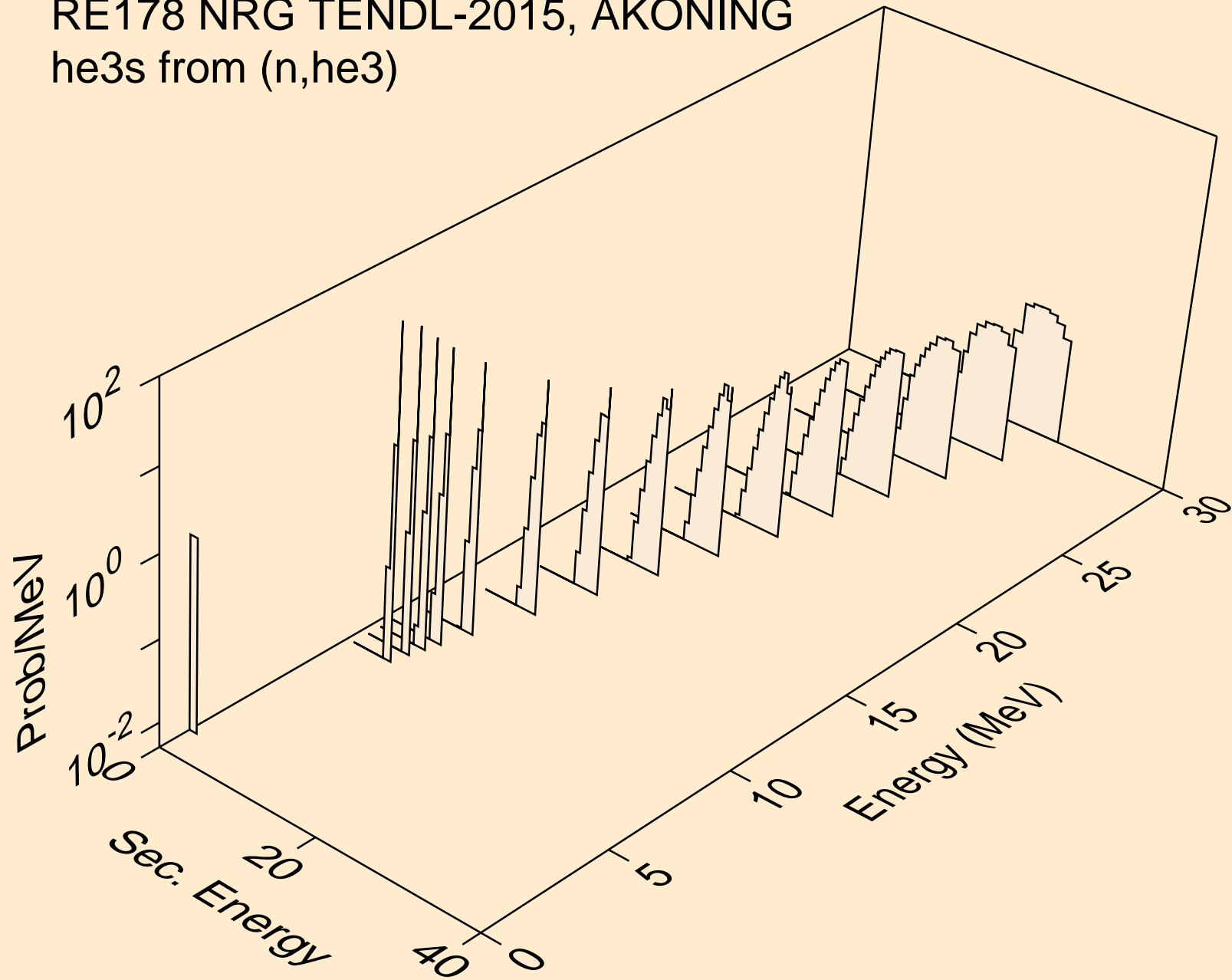
RE178 NRG TENDL-2015, AKONING  
he3s from (n,x)



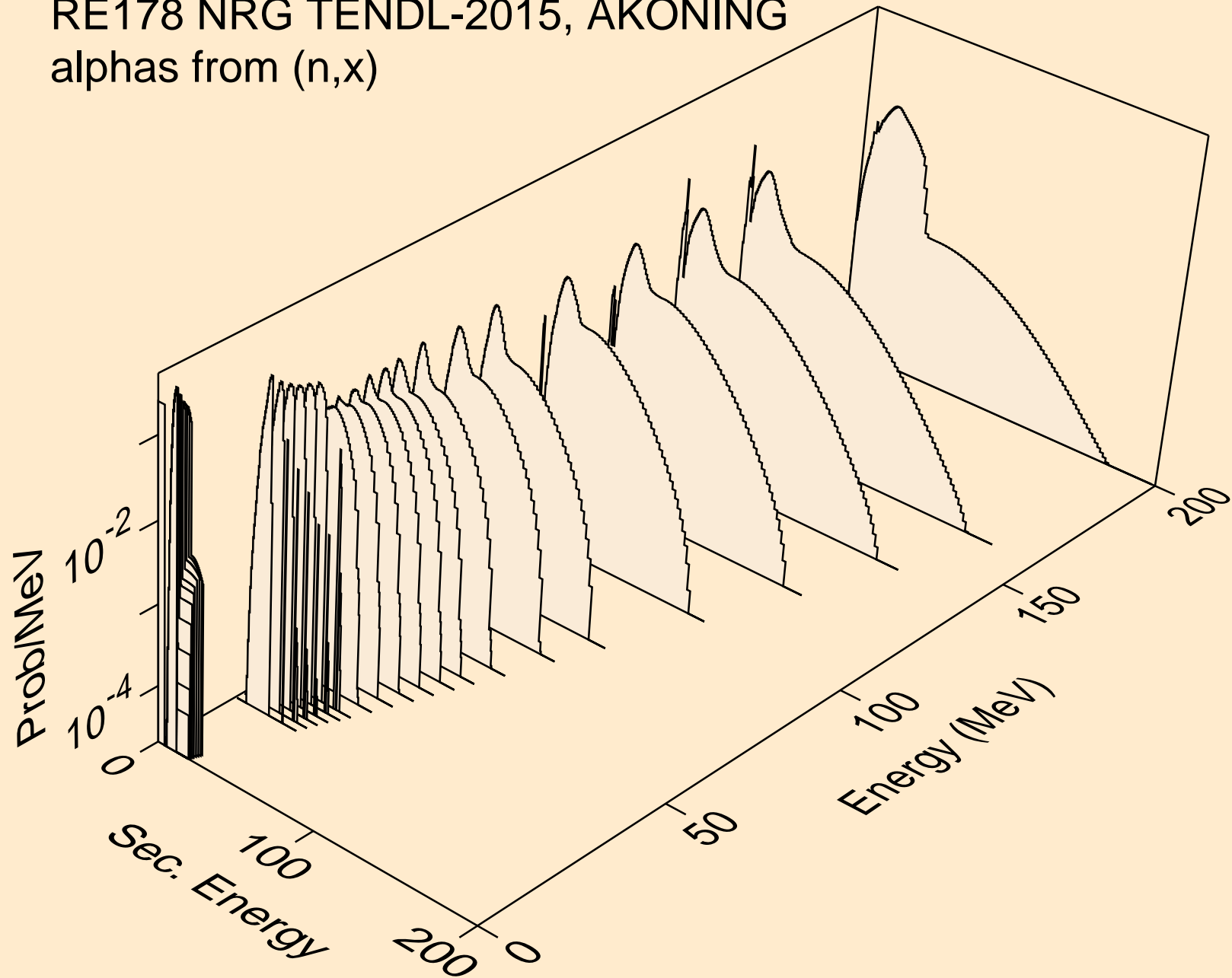
RE178 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



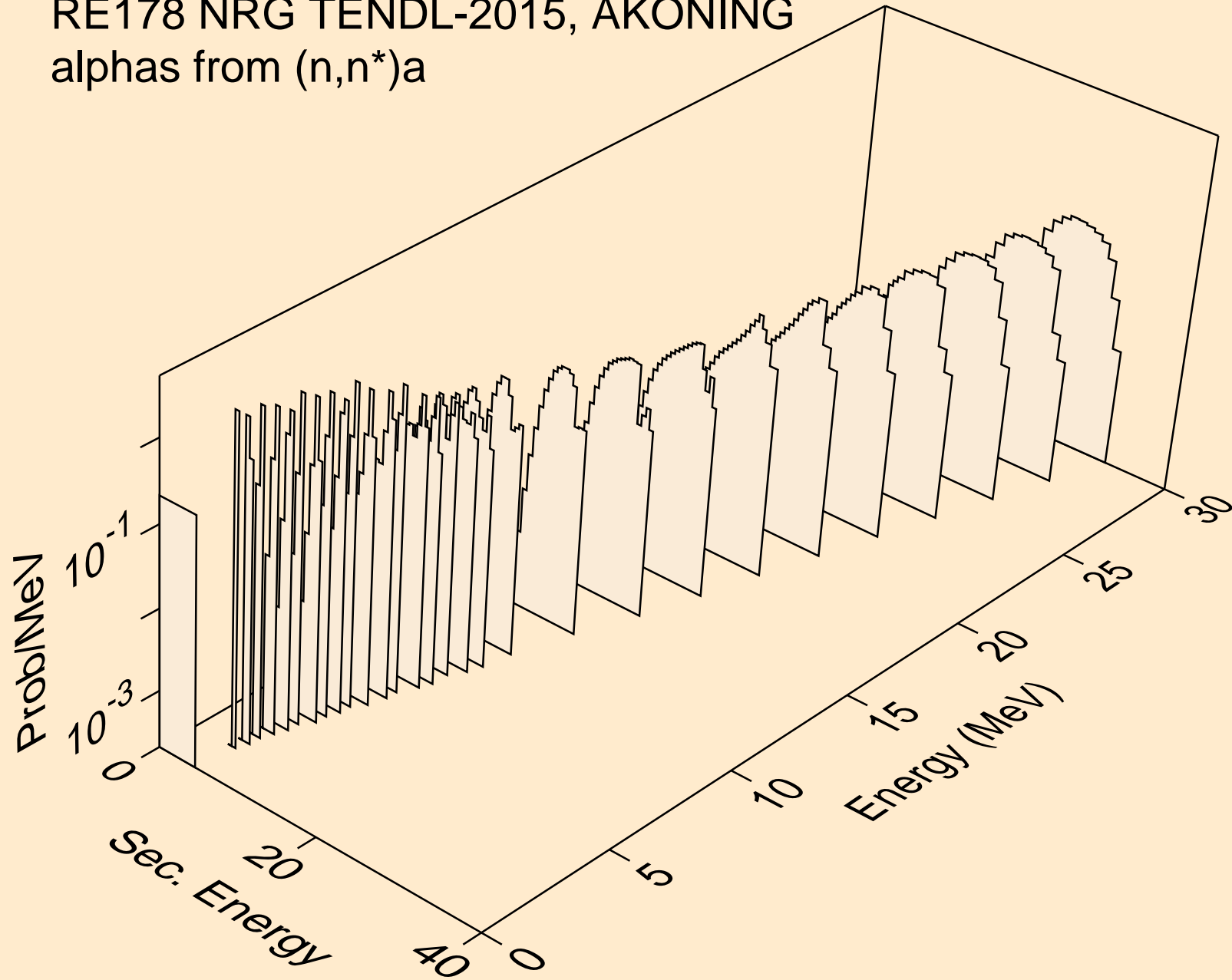
RE178 NRG TENDL-2015, AKONING  
he3s from (n,he3)



RE178 NRG TENDL-2015, AKONING  
alphas from (n,x)

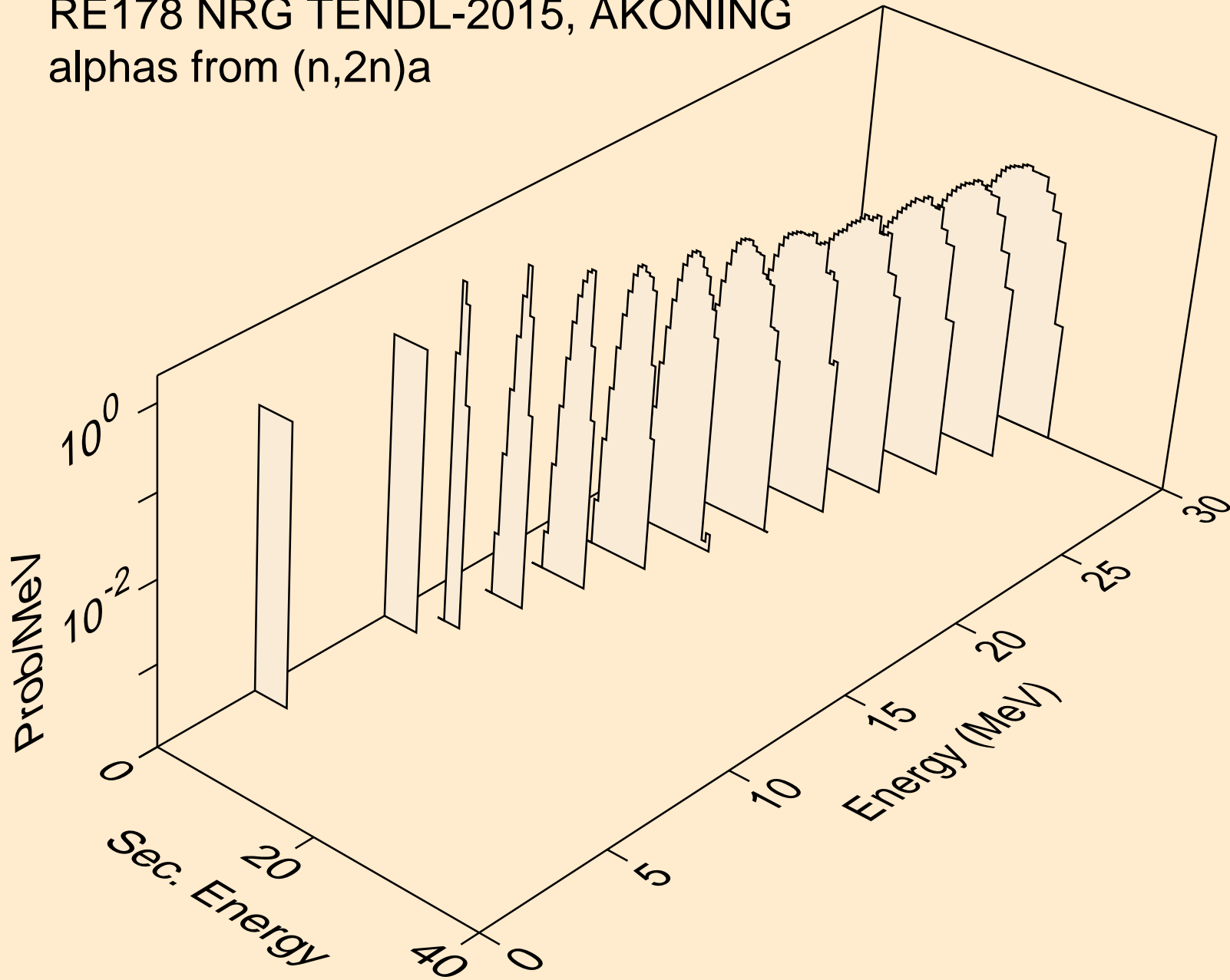


RE178 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

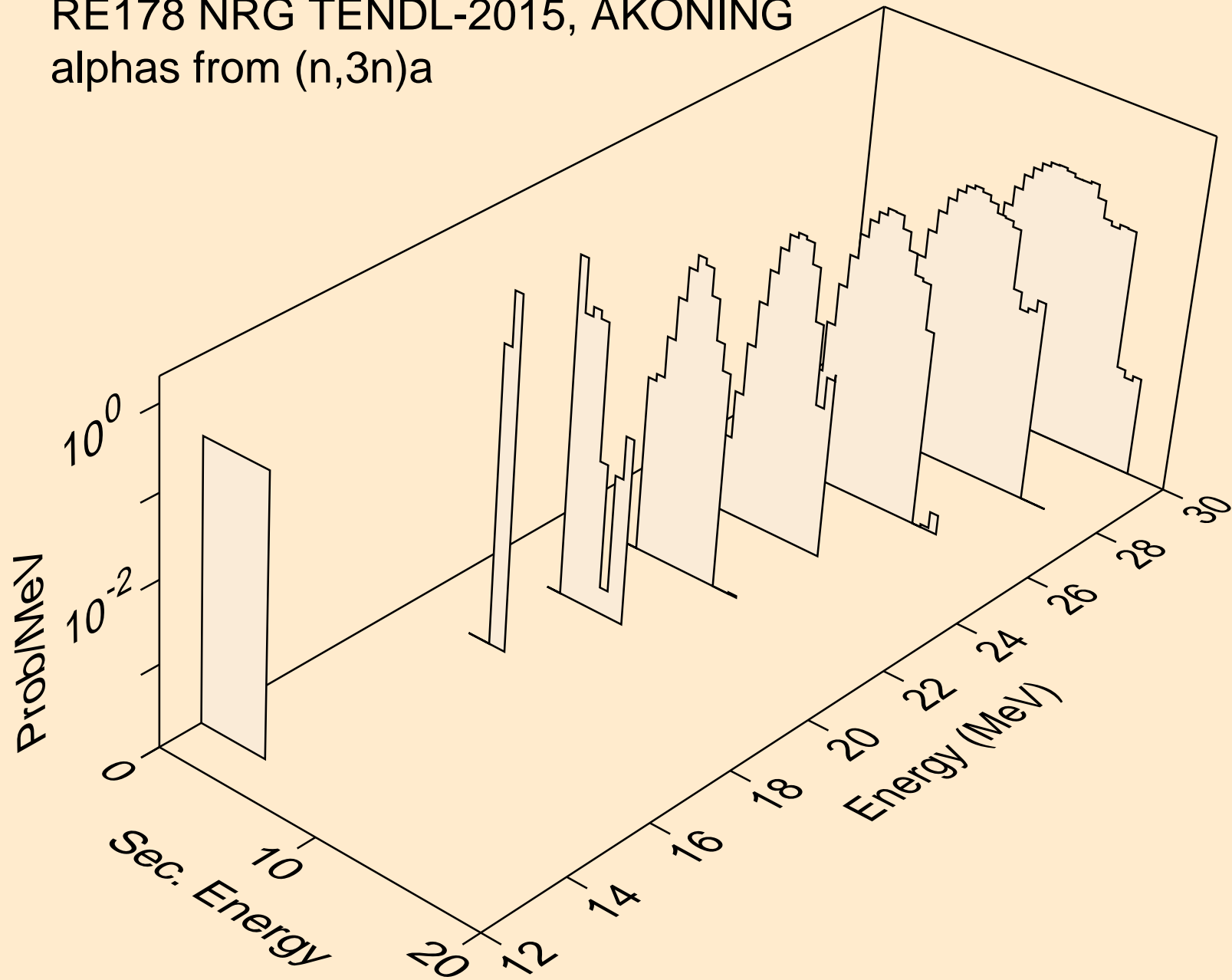




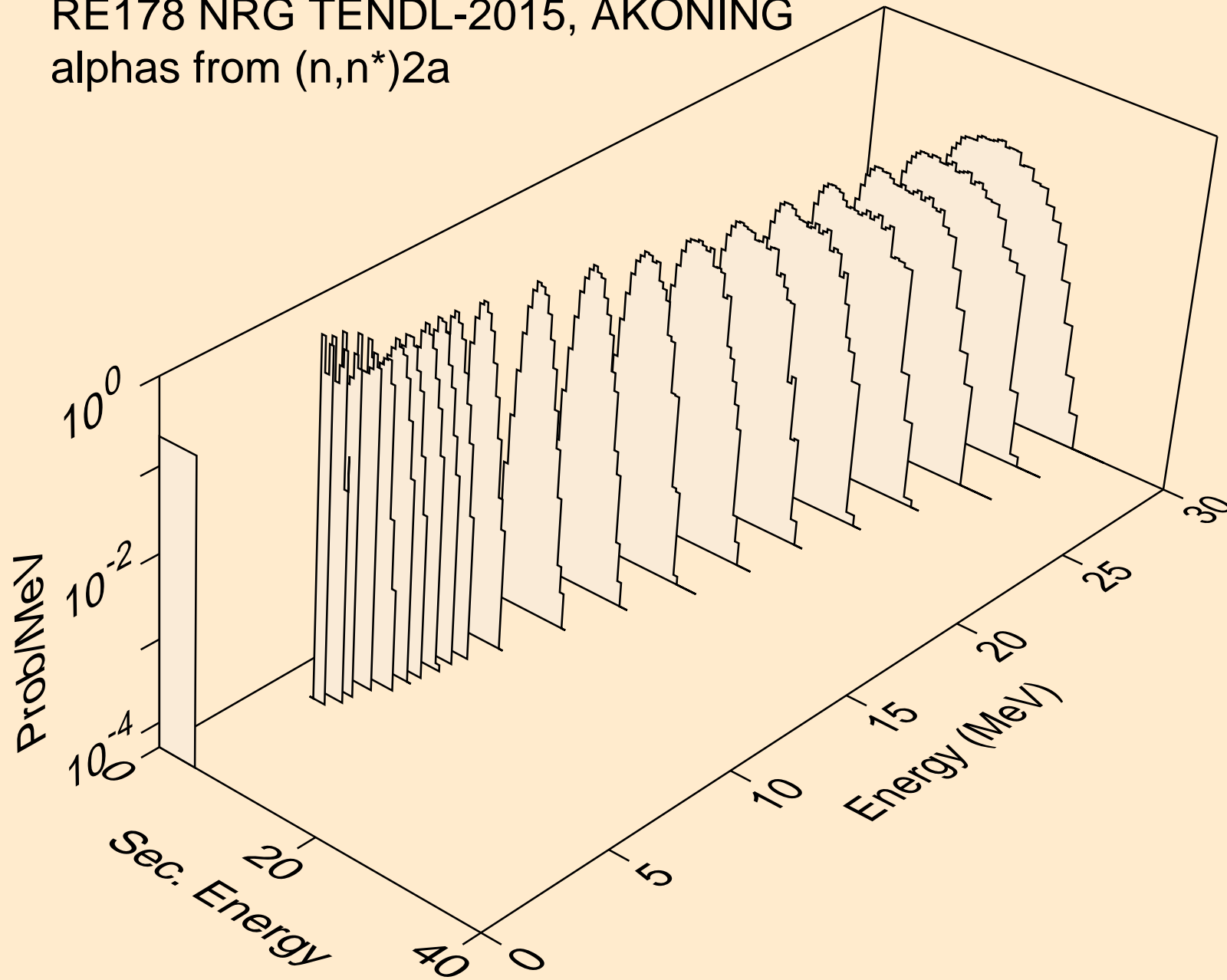
RE178 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



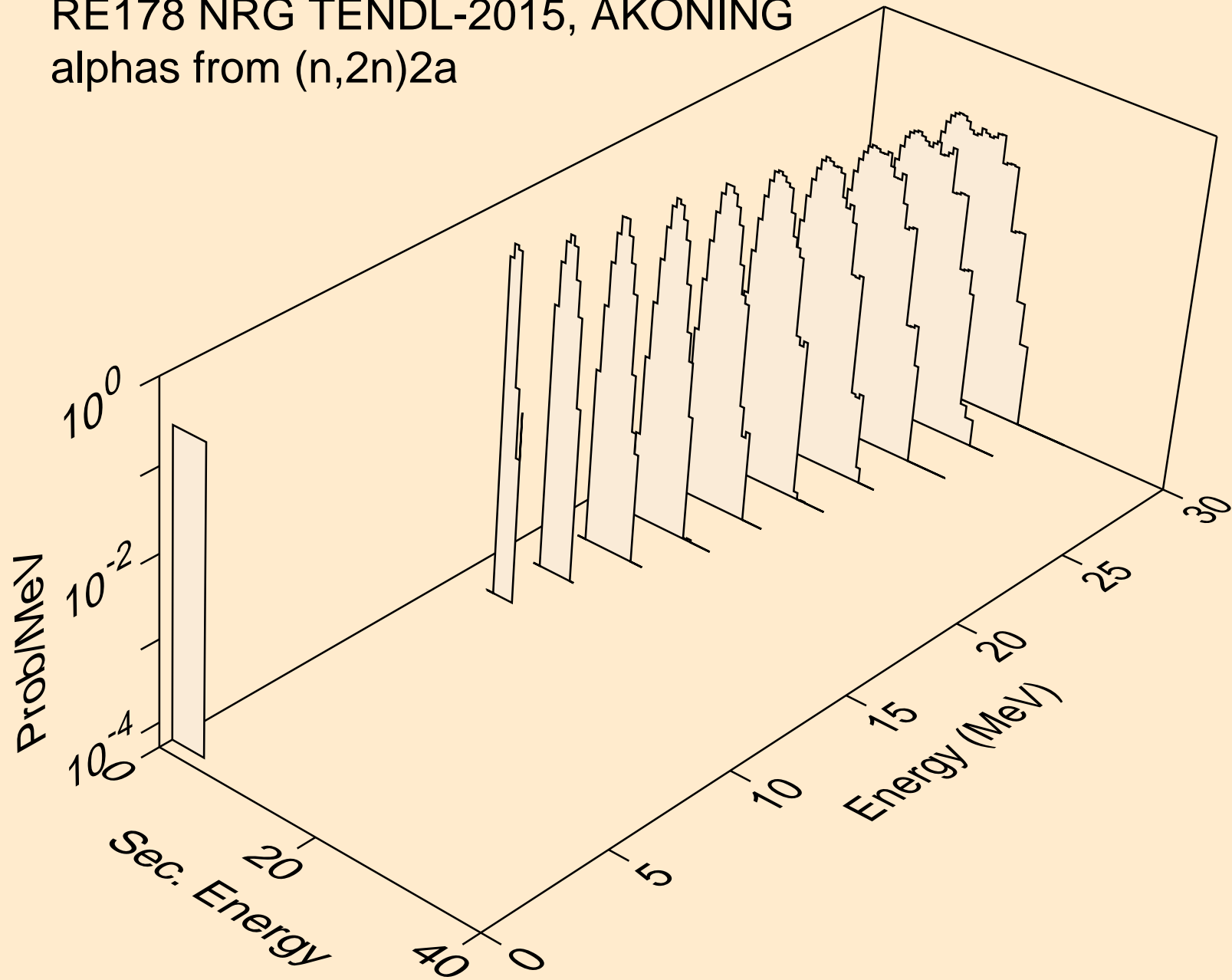
RE178 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



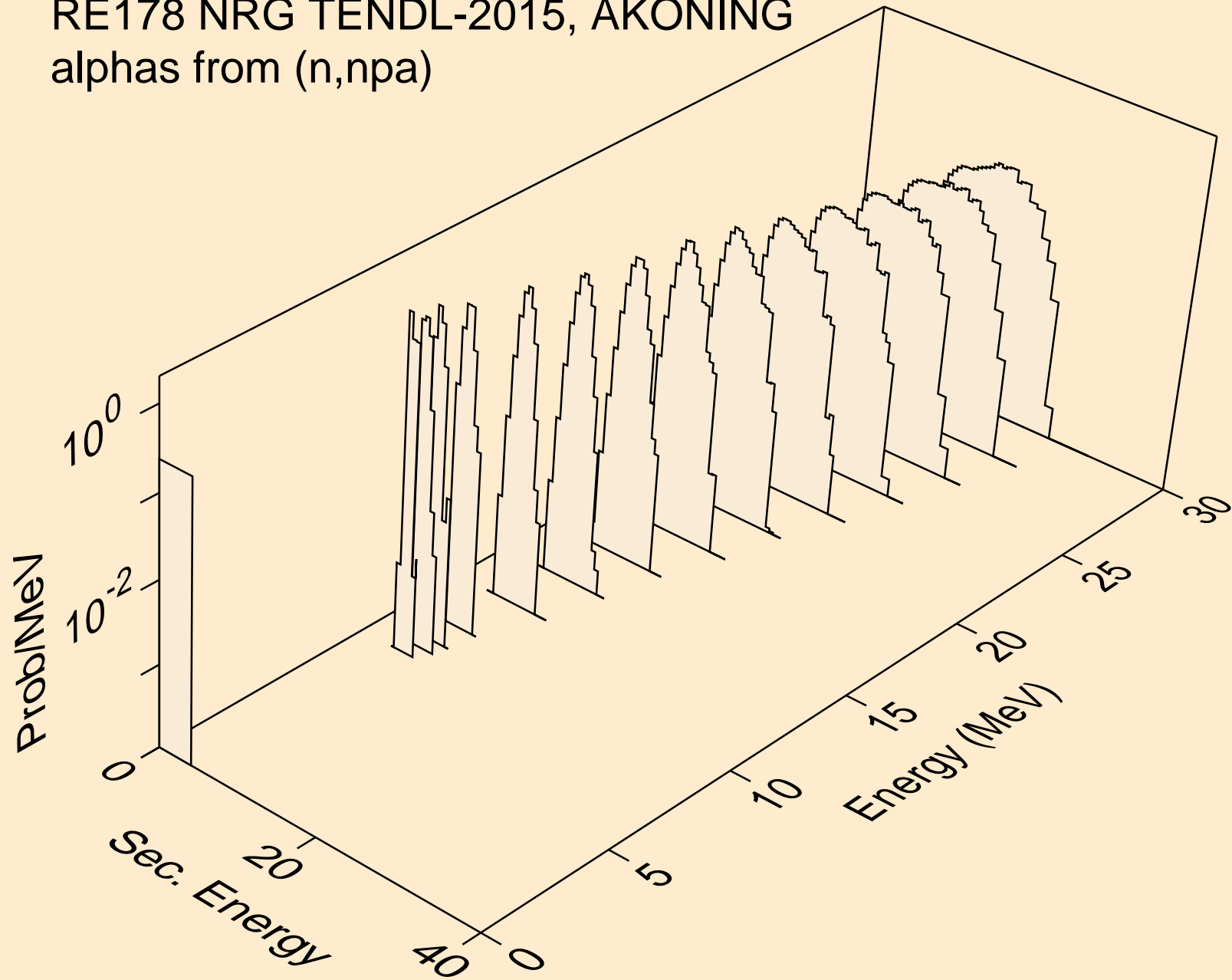
RE178 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



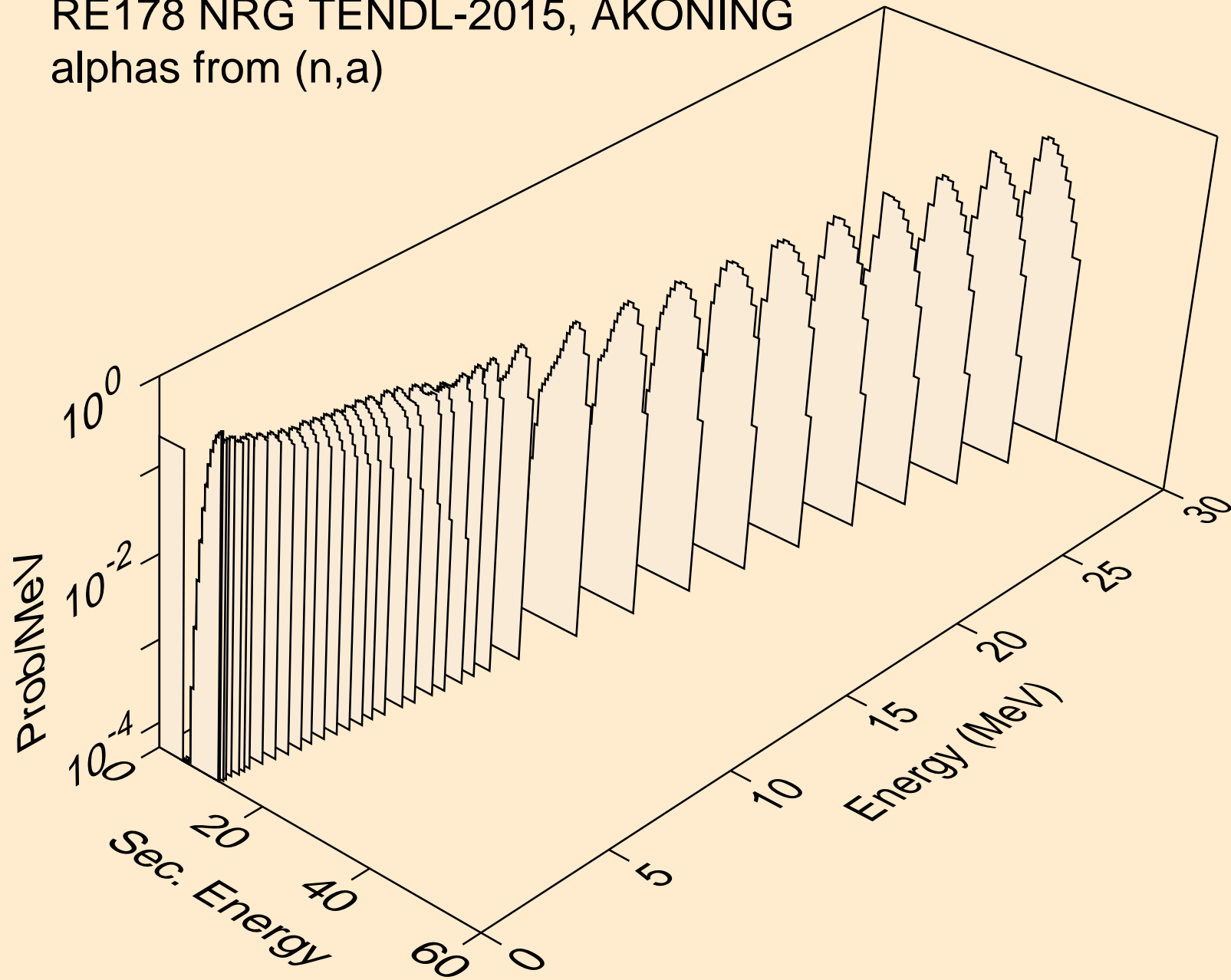
RE178 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



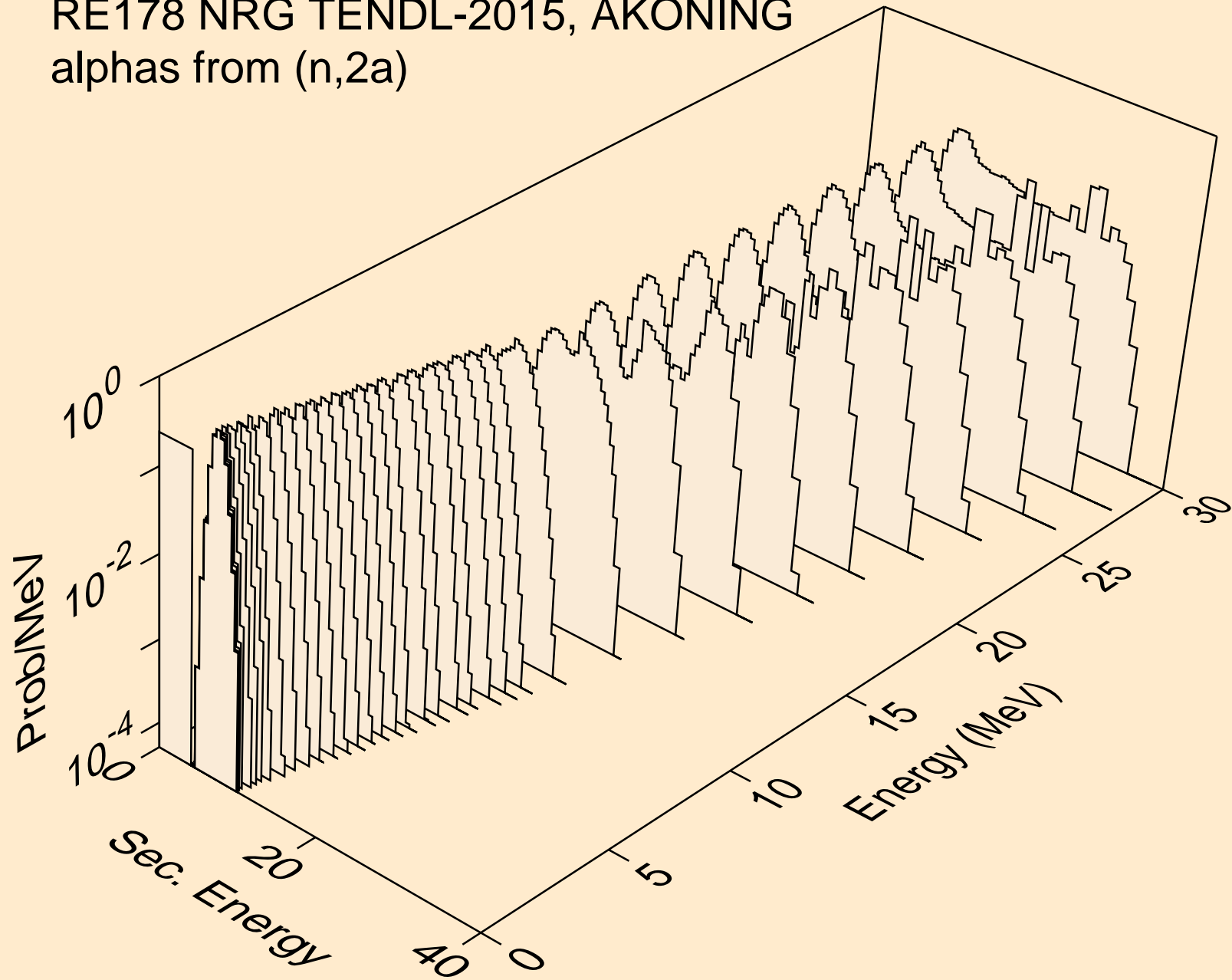
RE178 NRG TENDL-2015, AKONING  
alphas from (n,npa)



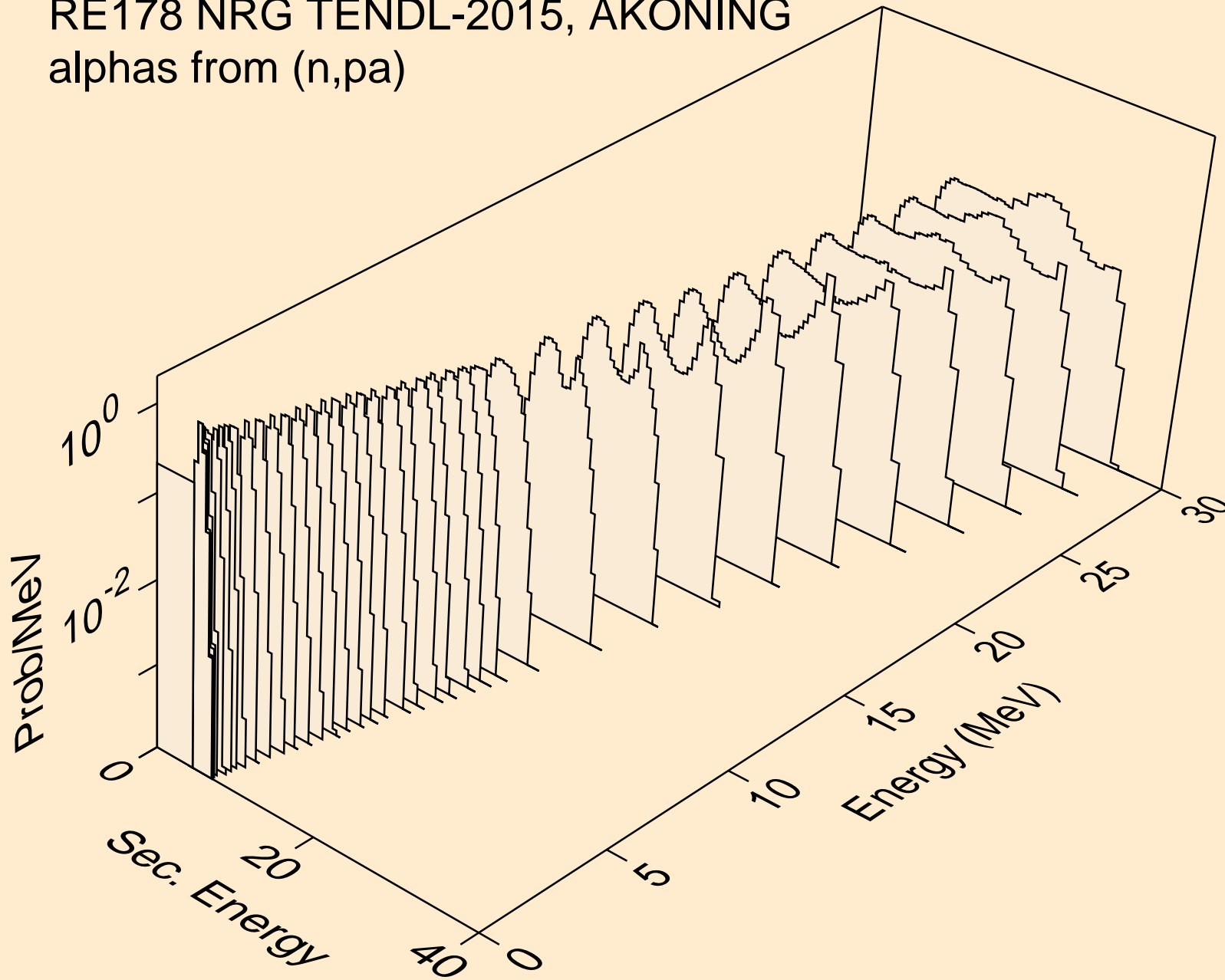
RE178 NRG TENDL-2015, AKONING  
alphas from (n,a)



RE178 NRG TENDL-2015, AKONING  
alphas from (n,2a)



RE178 NRG TENDL-2015, AKONING  
alphas from (n,pa)





RE178 NRG TENDL-2015, AKONING  
alphas from (n,da)

