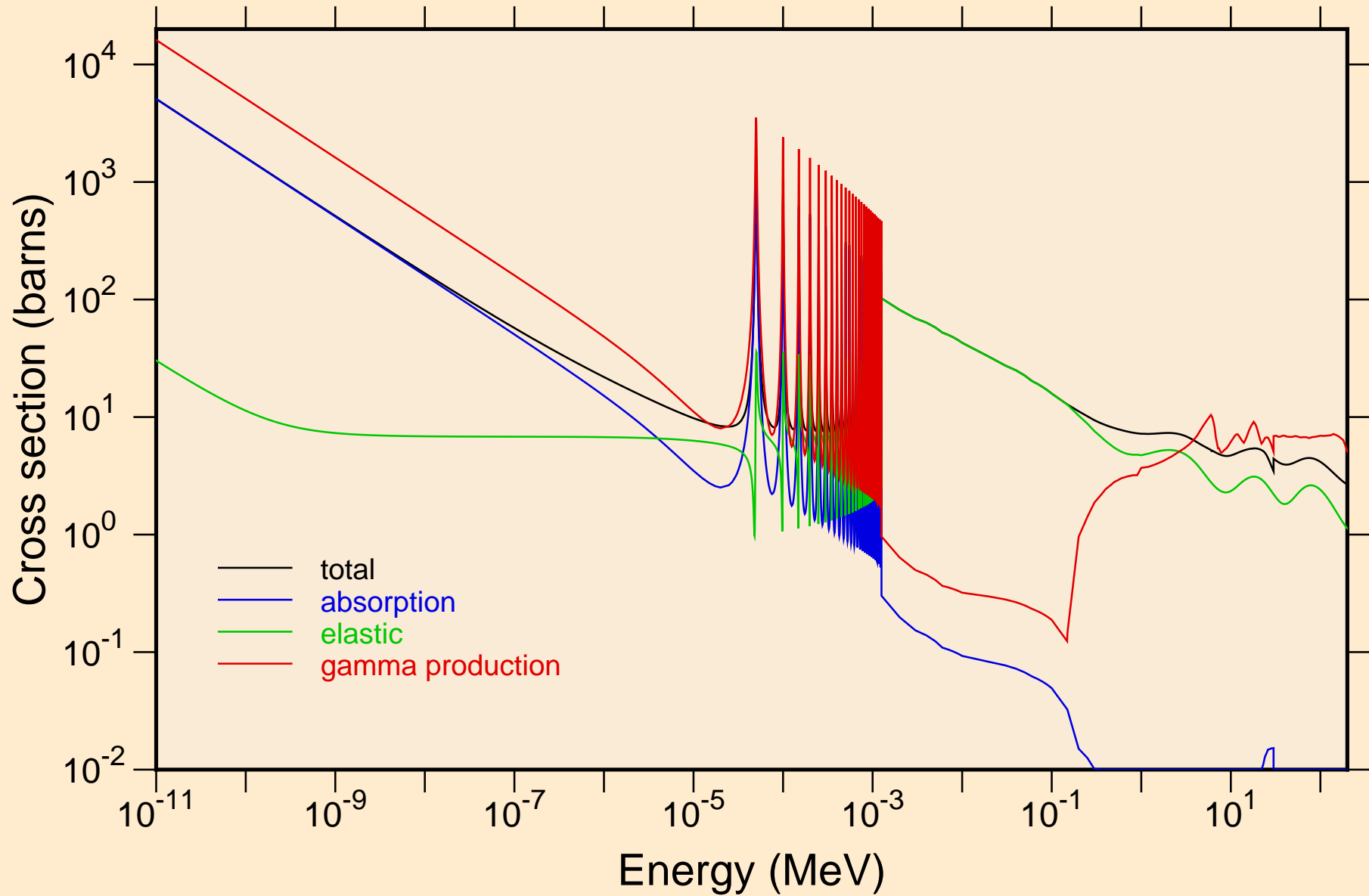
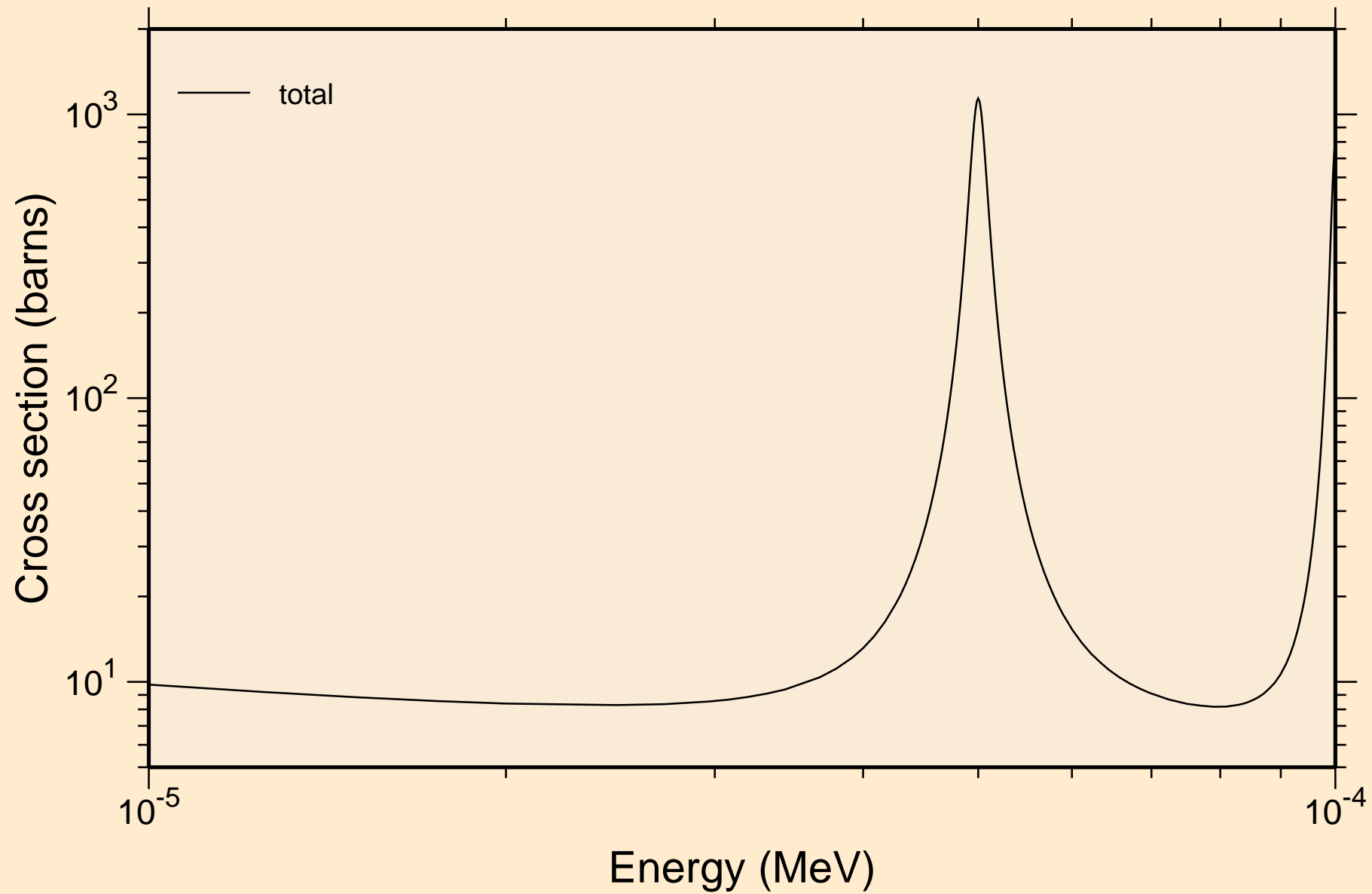


# ER176 NRG TENDL-2015, AKONING

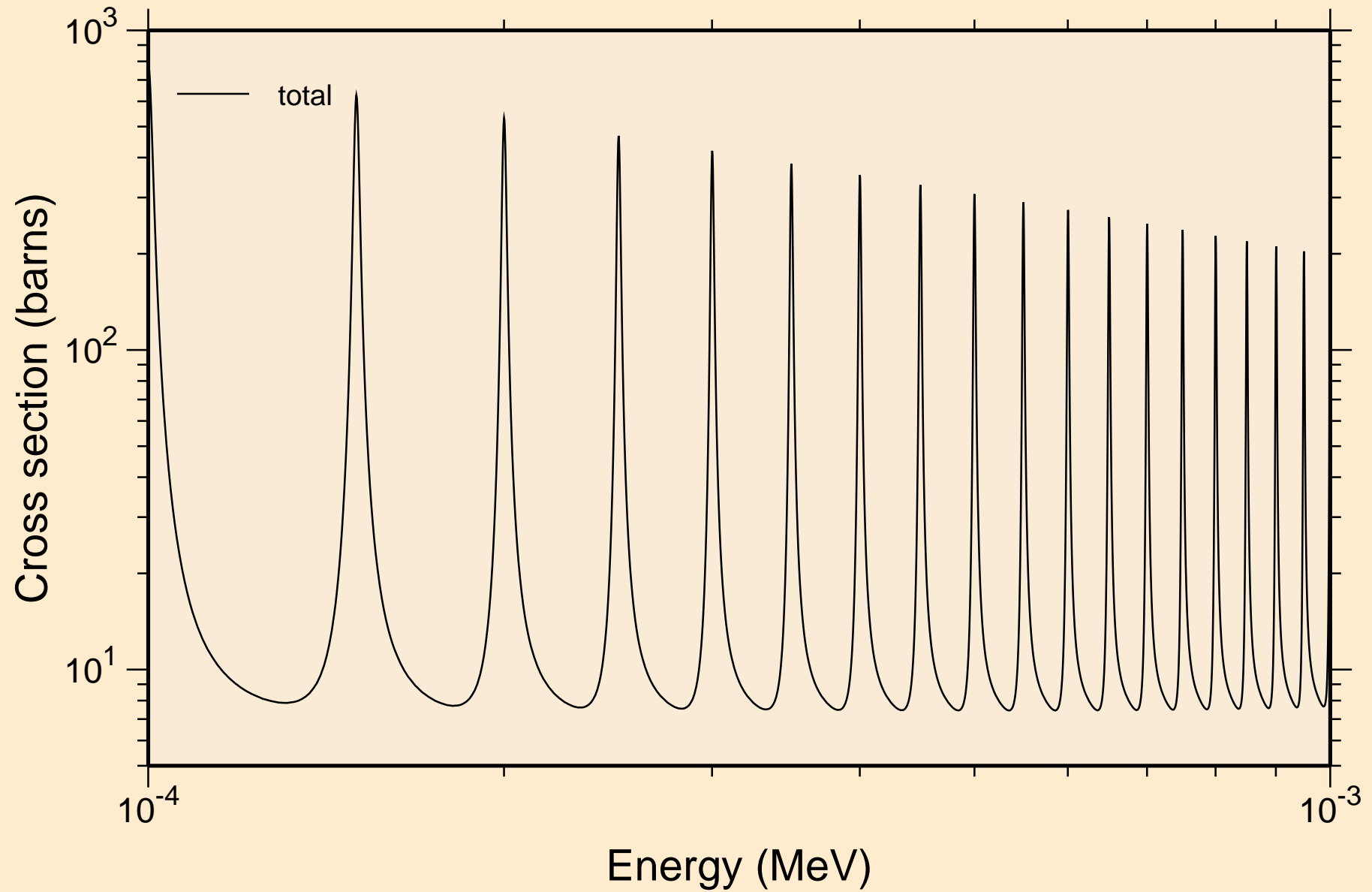
## Principal cross sections



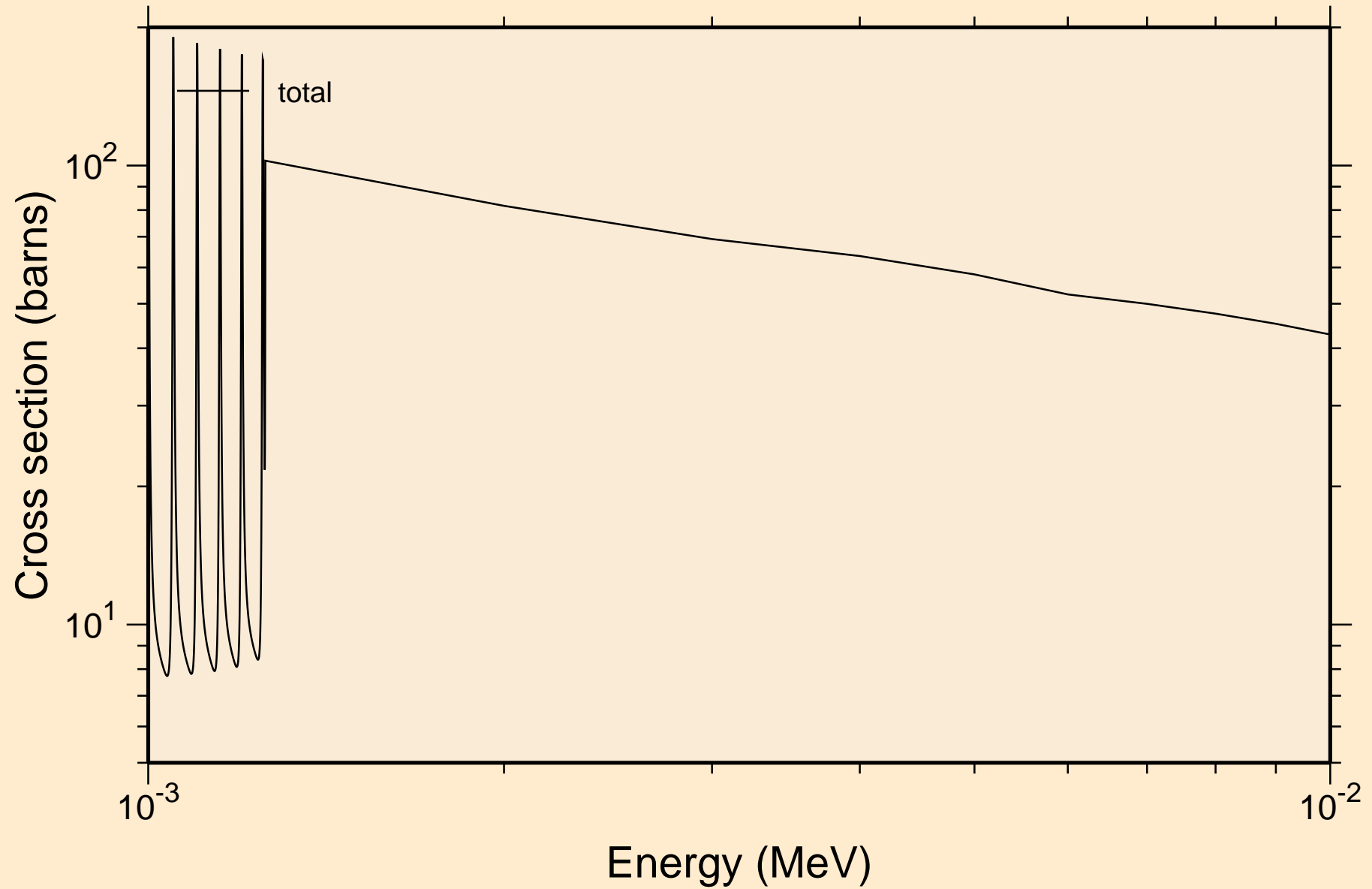
ER176 NRG TENDL-2015, AKONING  
resonance total cross section



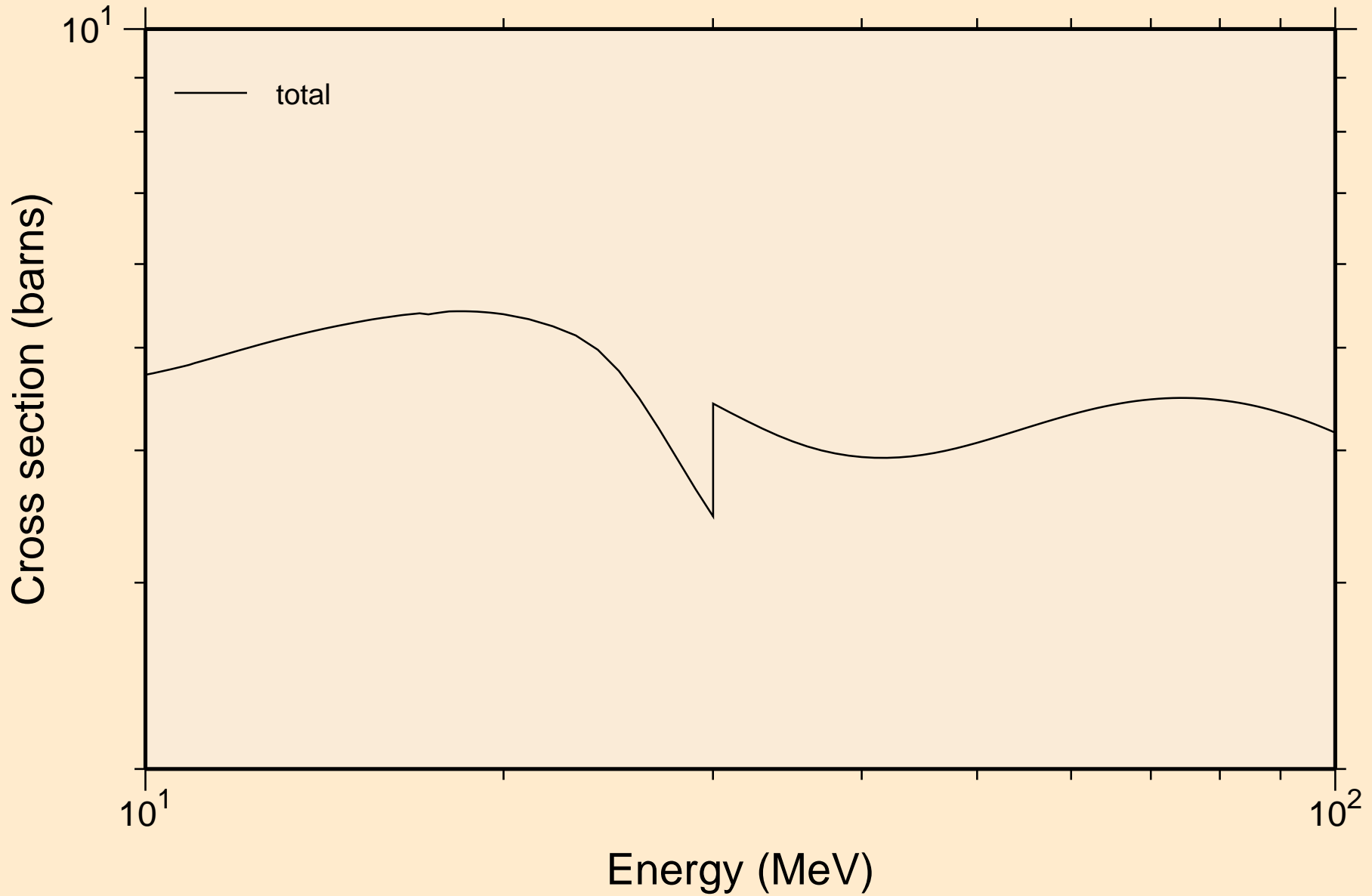
ER176 NRG TENDL-2015, AKONING  
resonance total cross section



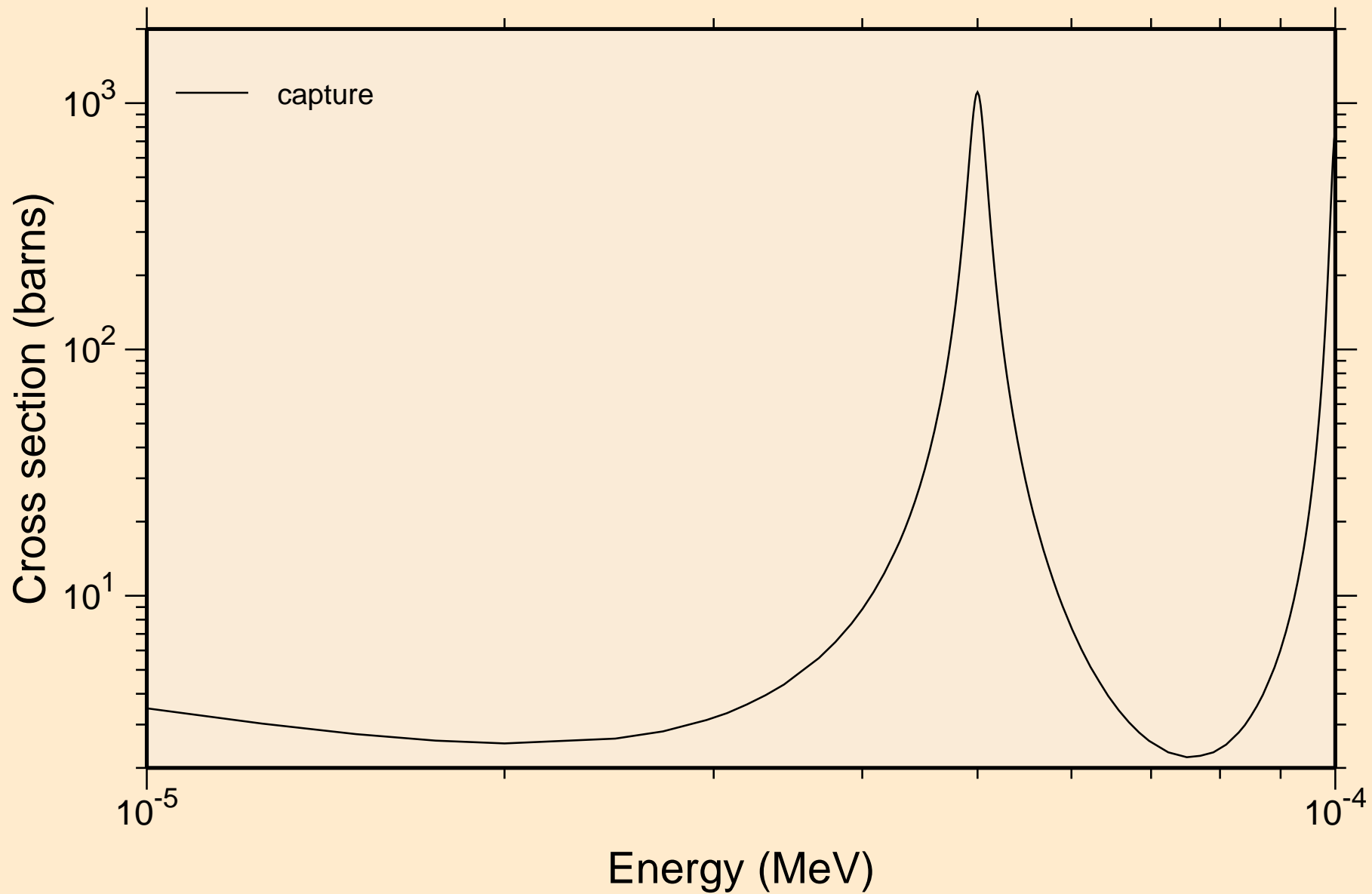
ER176 NRG TENDL-2015, AKONING  
resonance total cross section



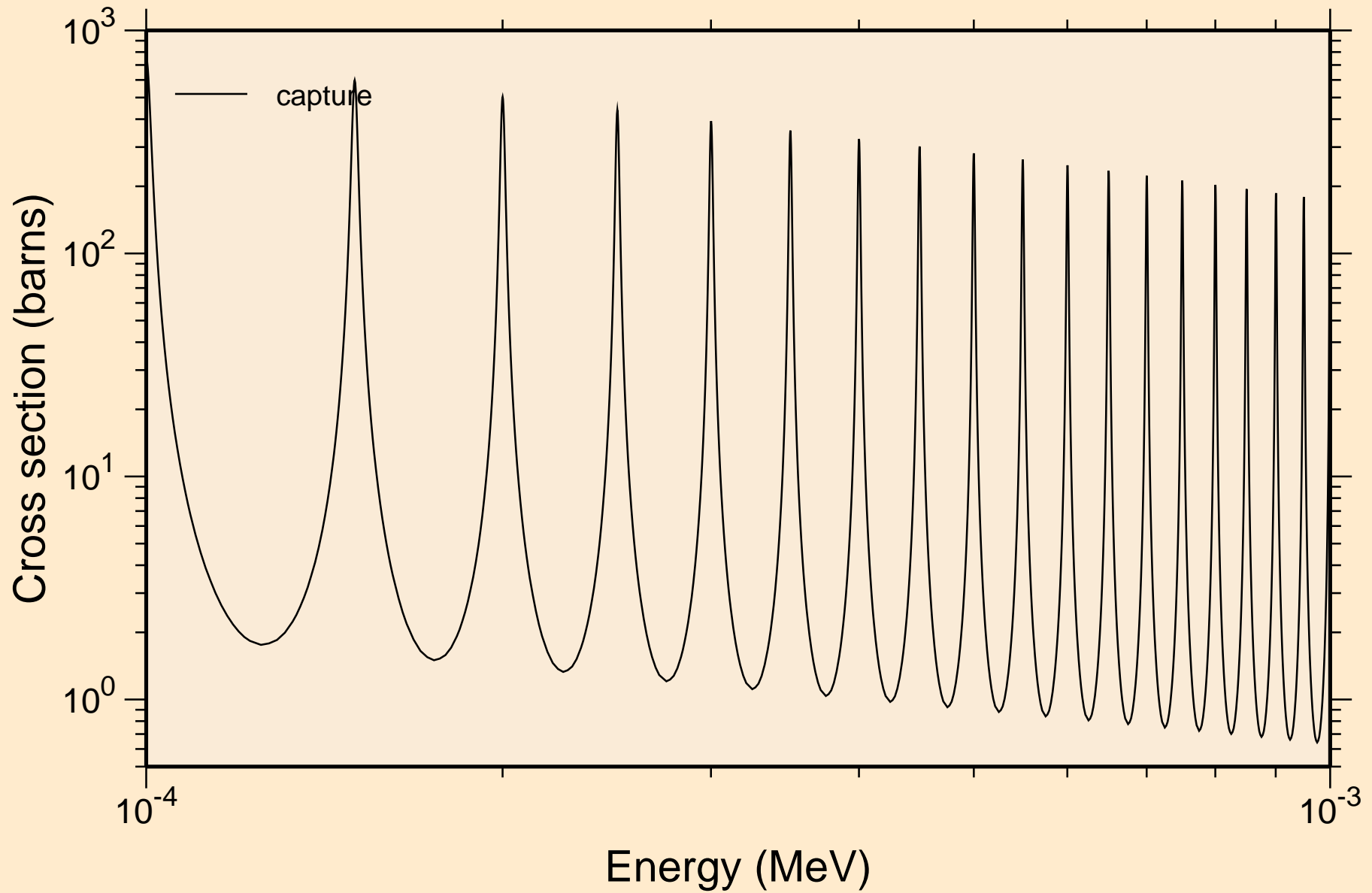
ER176 NRG TENDL-2015, AKONING  
resonance total cross section



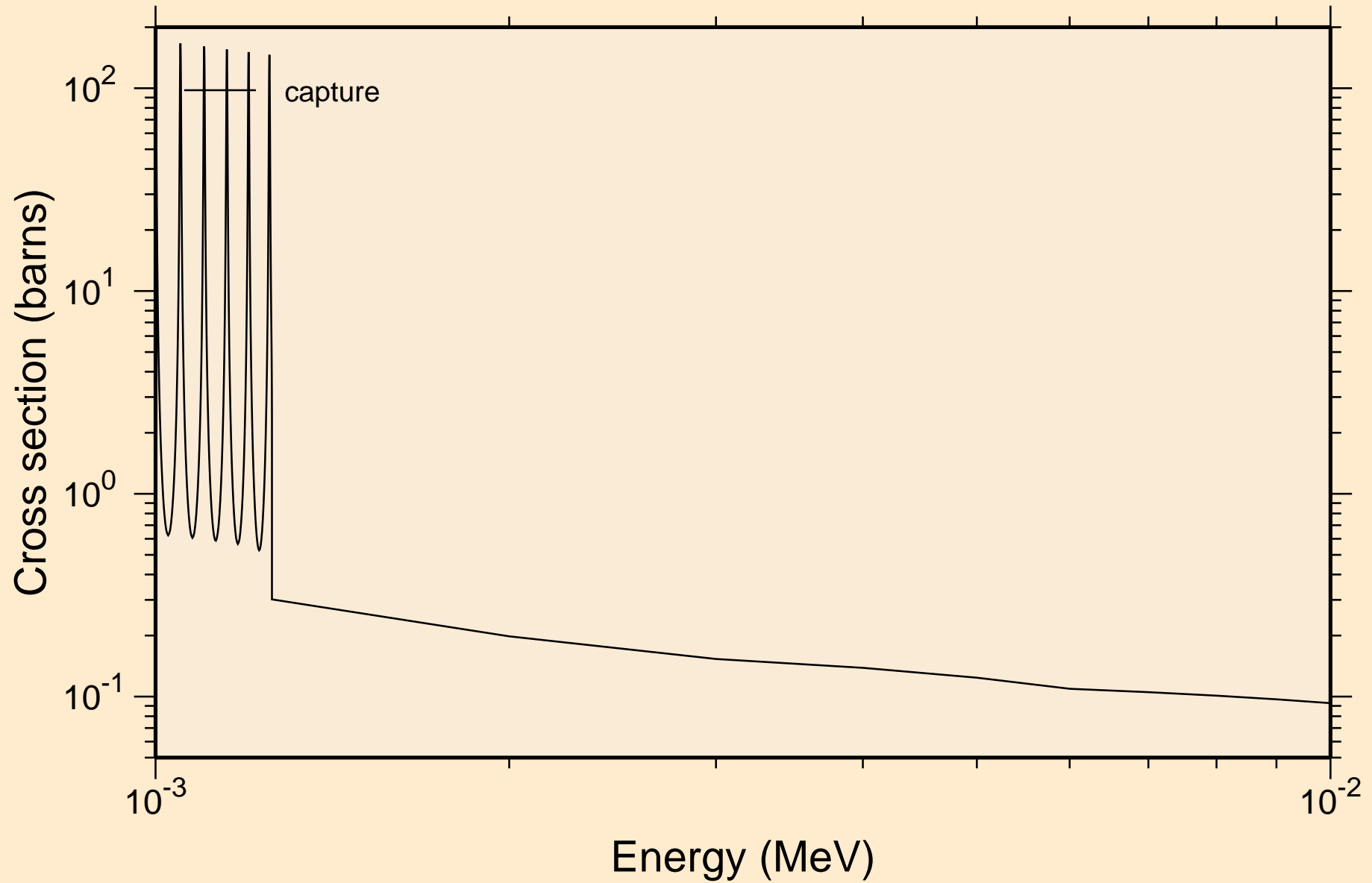
ER176 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# ER176 NRG TENDL-2015, AKONING resonance absorption cross sections

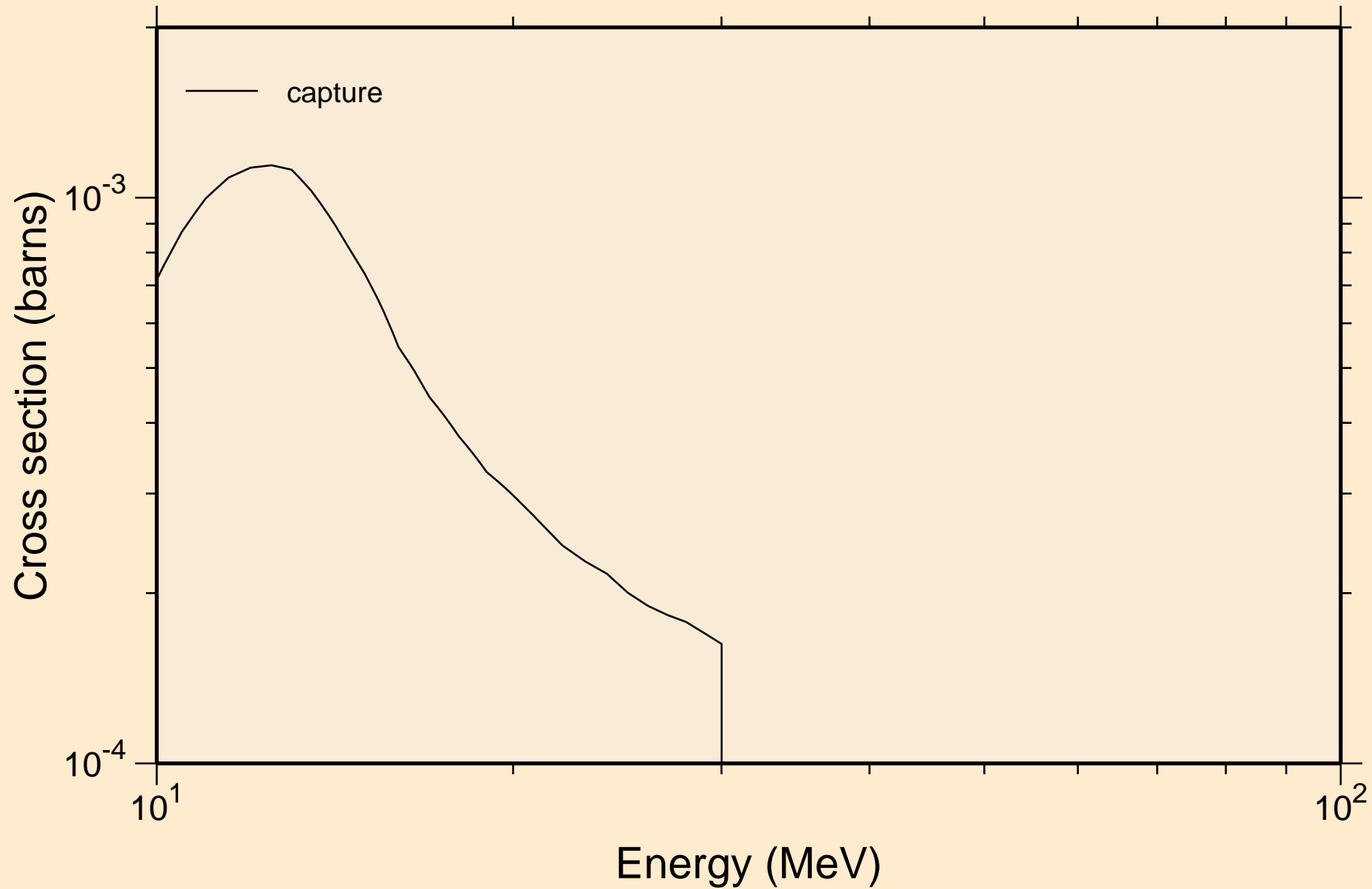


ER176 NRG TENDL-2015, AKONING  
resonance absorption cross sections



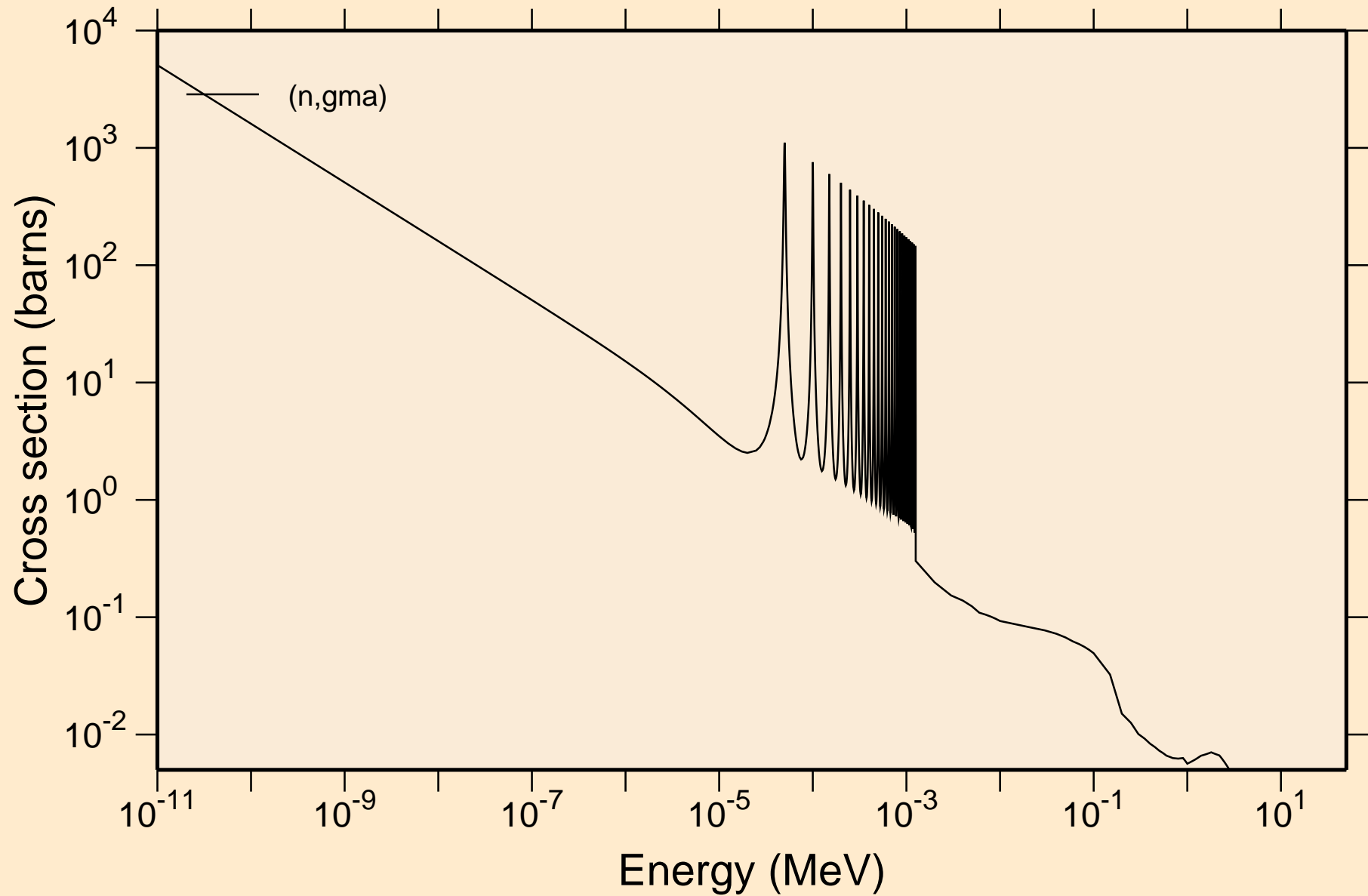


ER176 NRG TENDL-2015, AKONING  
resonance absorption cross sections



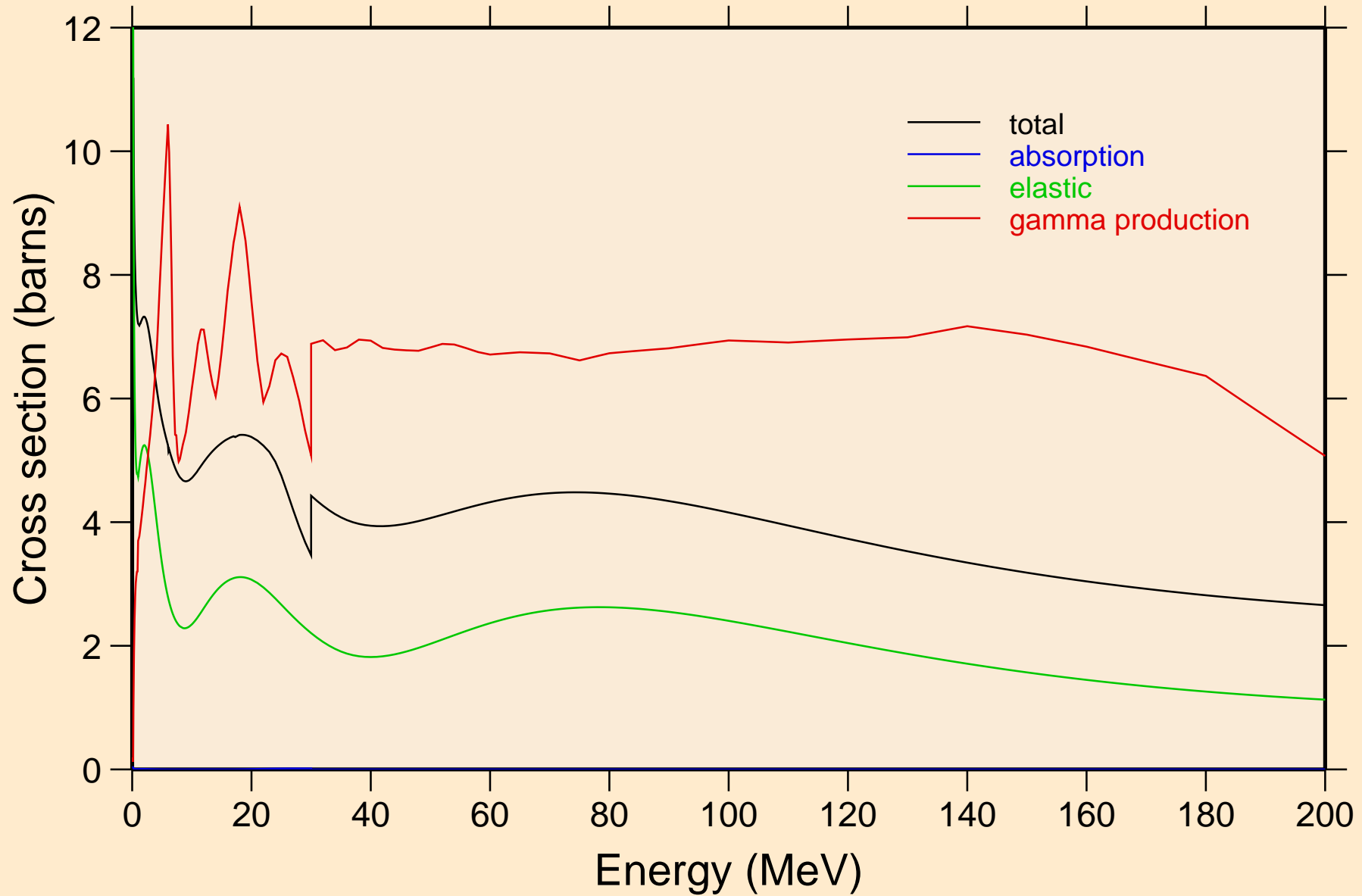
# ER176 NRG TENDL-2015, AKONING

## Non-threshold reactions

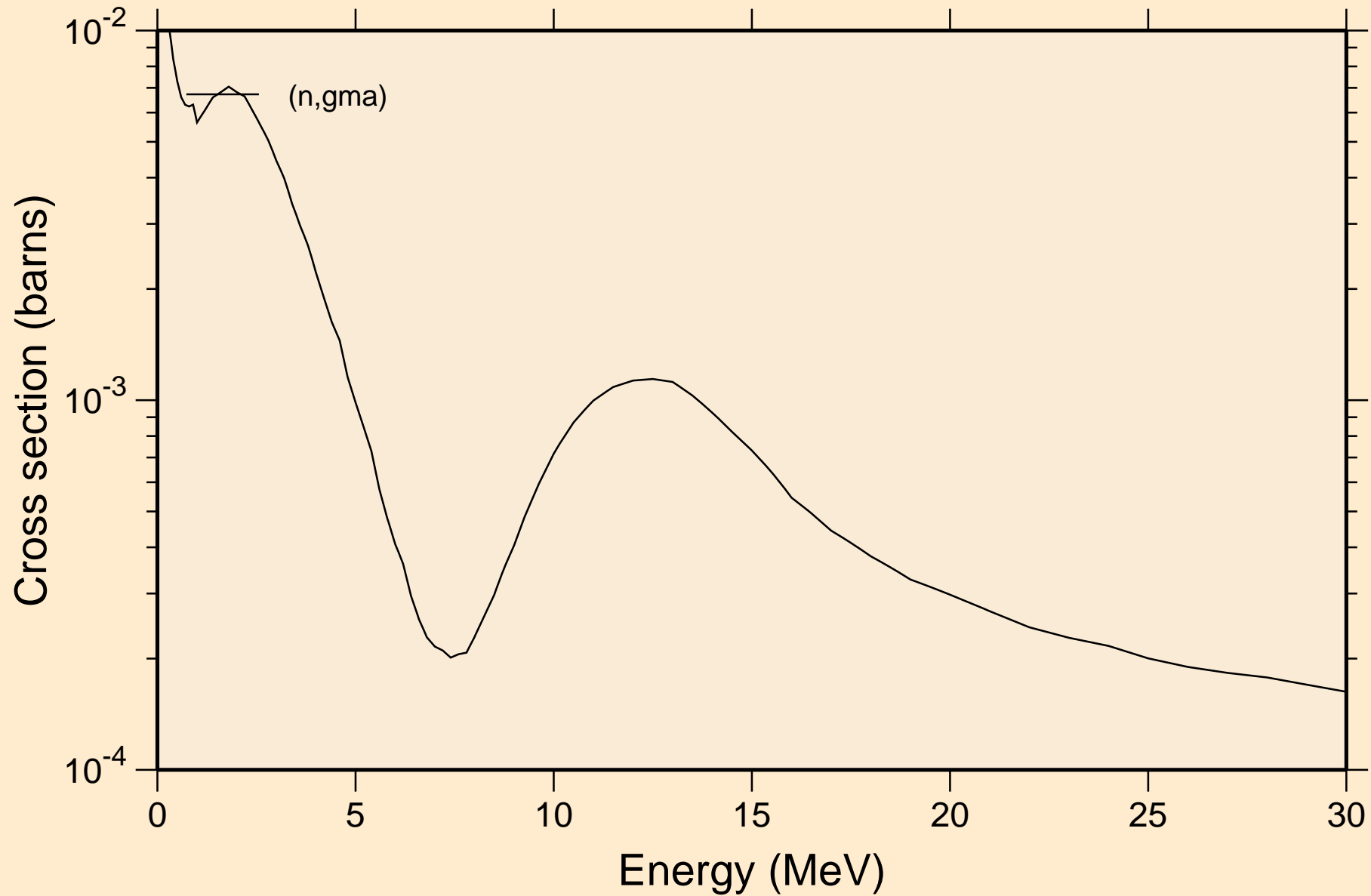


# ER176 NRG TENDL-2015, AKONING

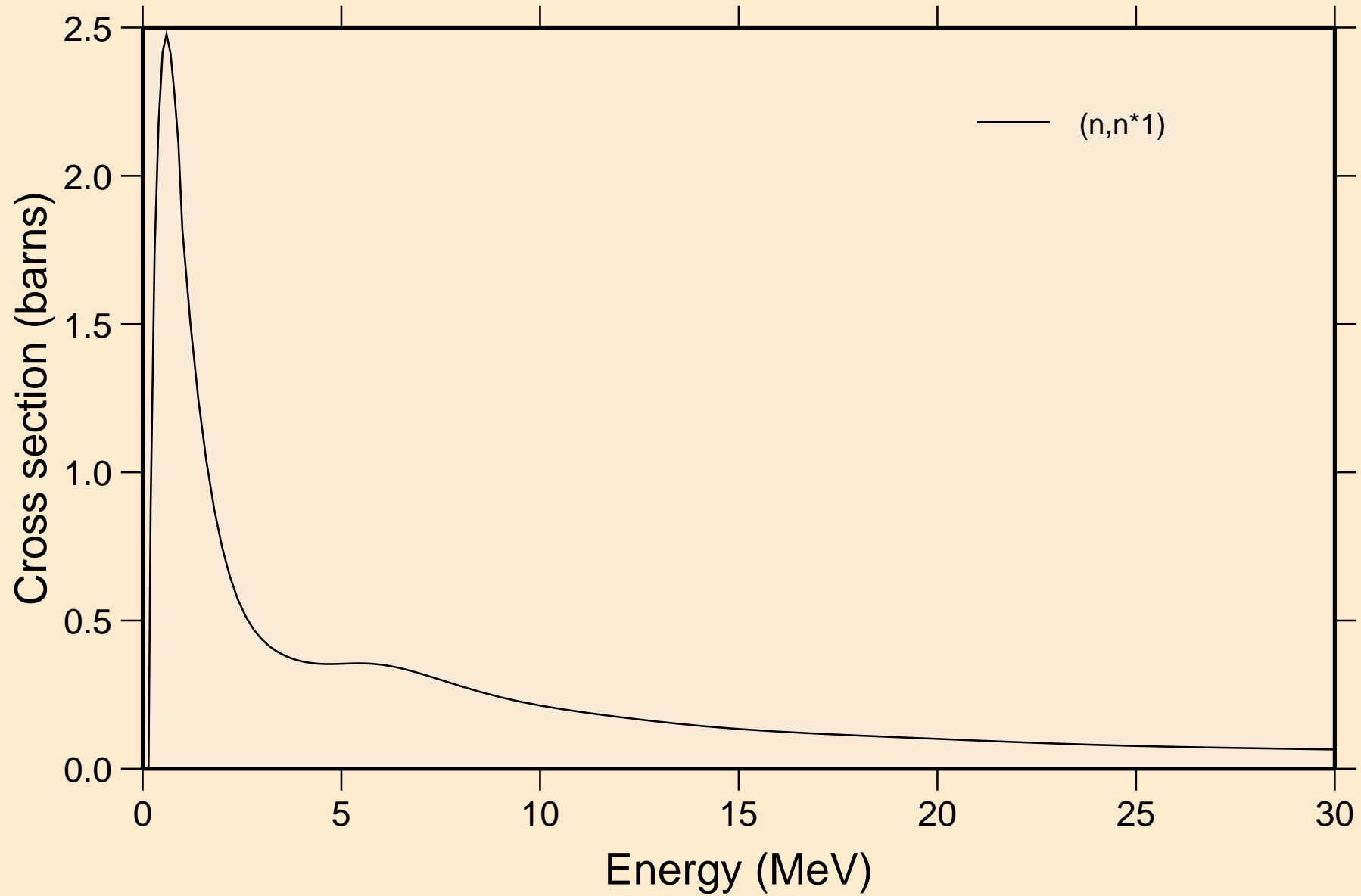
## Principal cross sections



ER176 NRG TENDL-2015, AKONING  
Non-threshold reactions

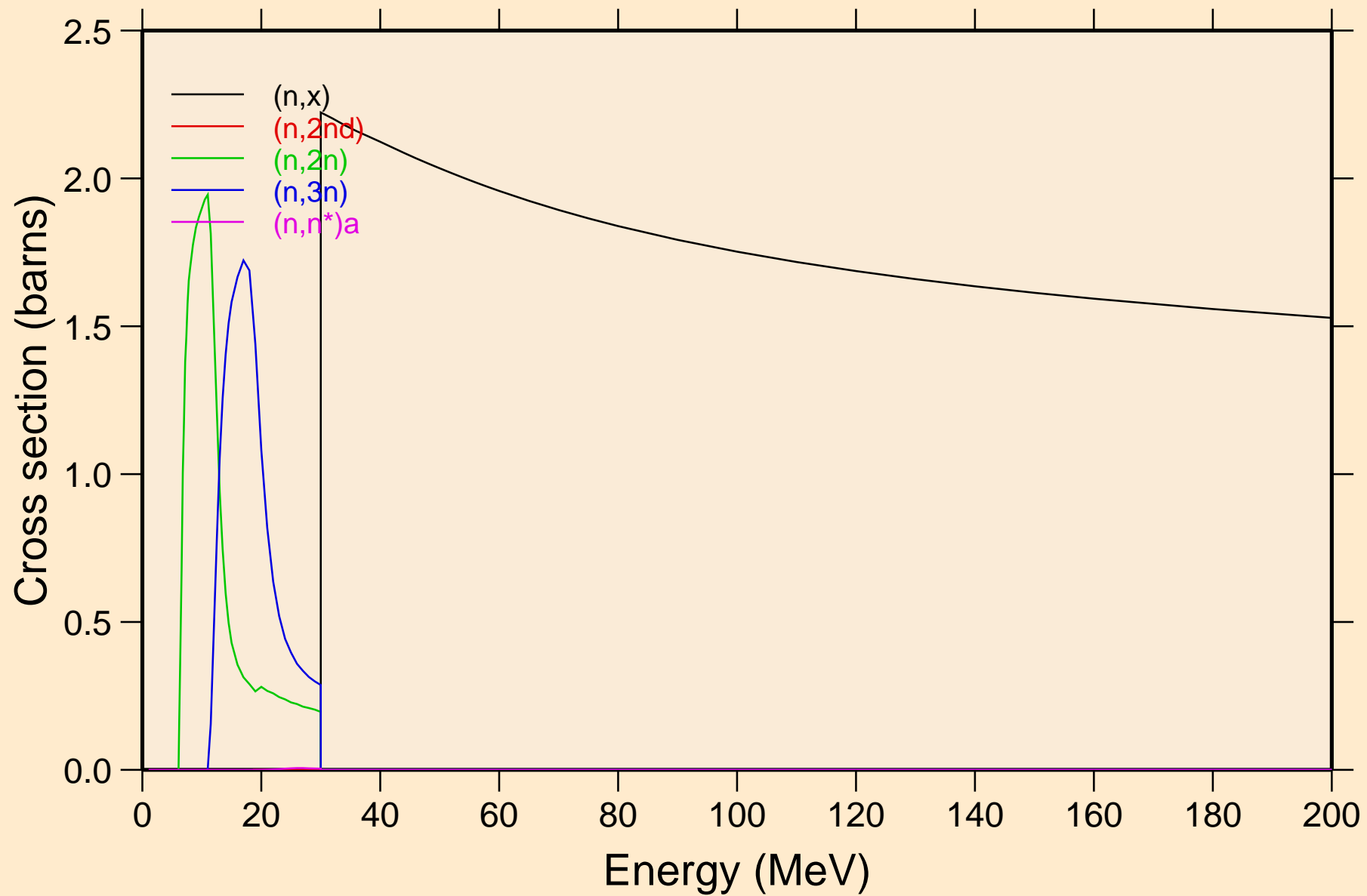


ER176 NRG TENDL-2015, AKONING  
Inelastic levels



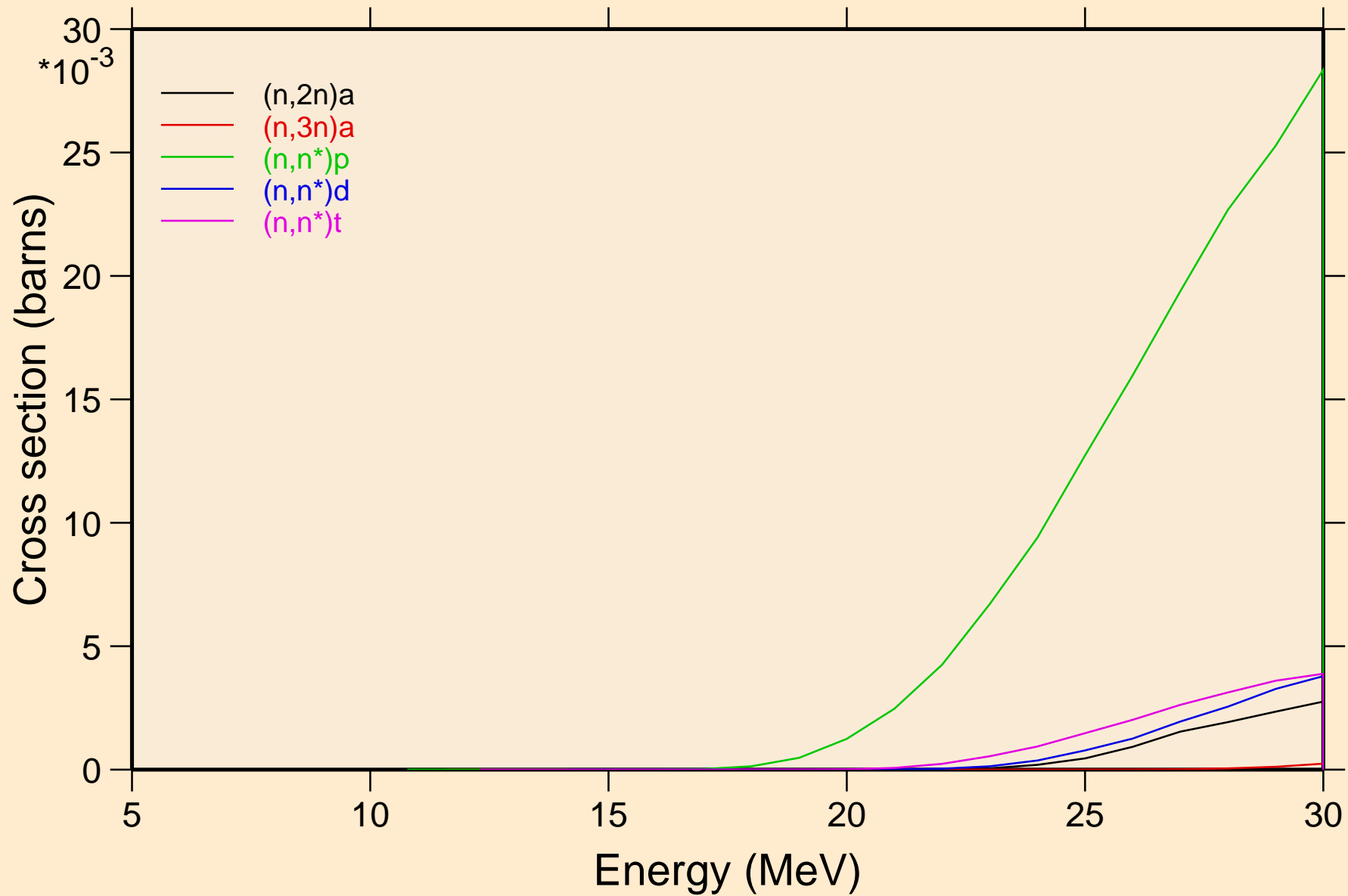
# ER176 NRG TENDL-2015, AKONING

## Threshold reactions



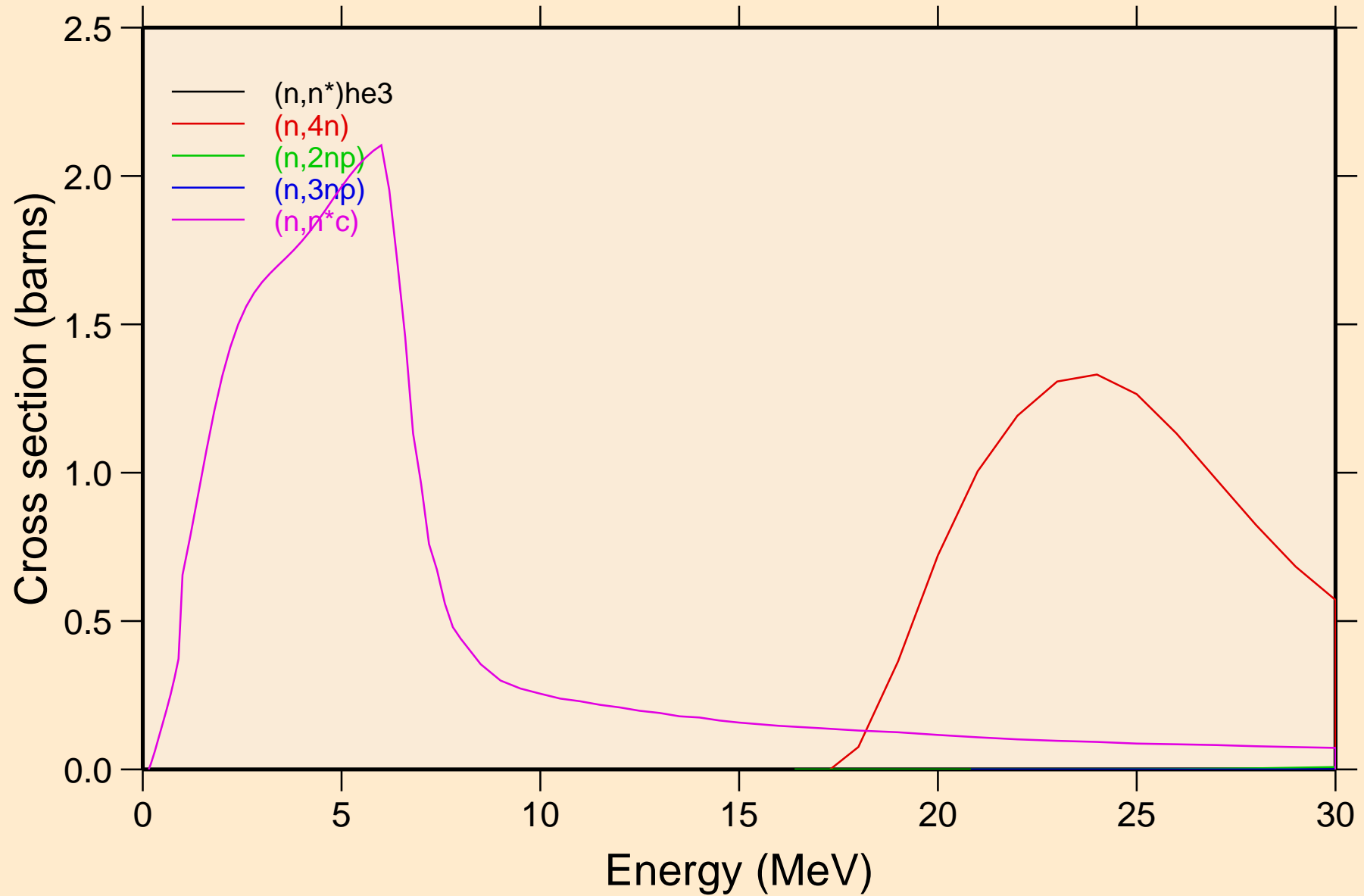
# ER176 NRG TENDL-2015, AKONING

## Threshold reactions



# ER176 NRG TENDL-2015, AKONING

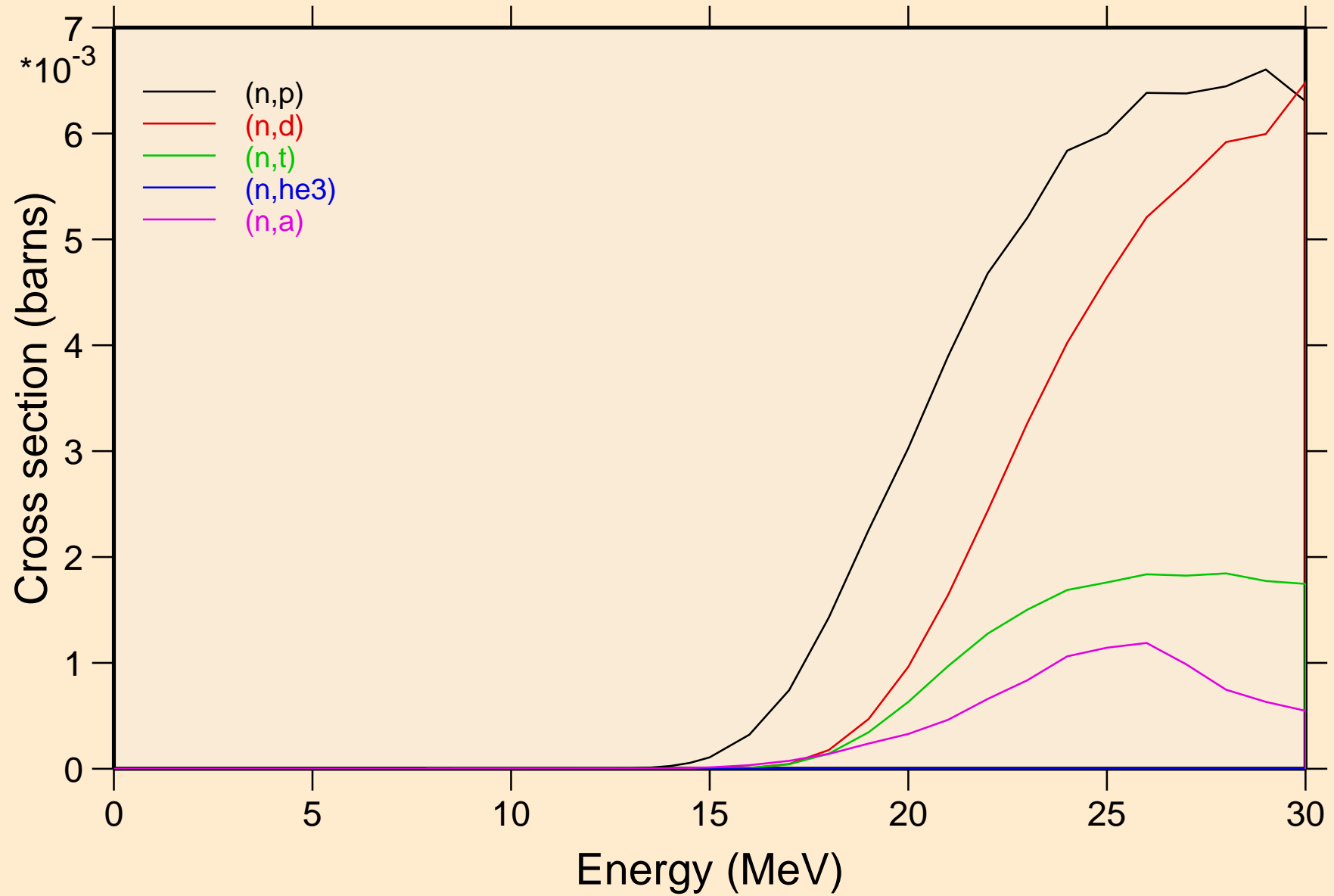
## Threshold reactions



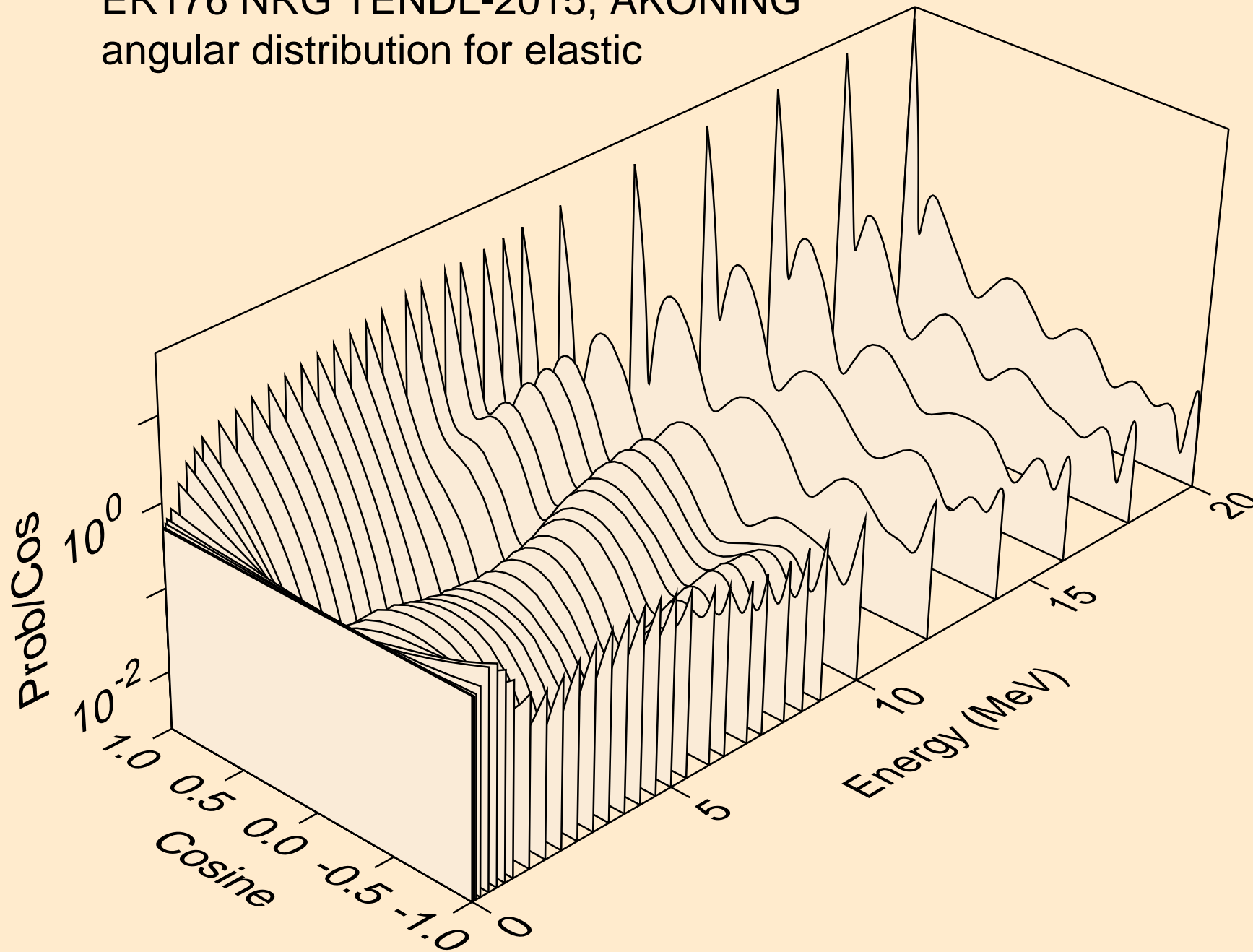


# ER176 NRG TENDL-2015, AKONING

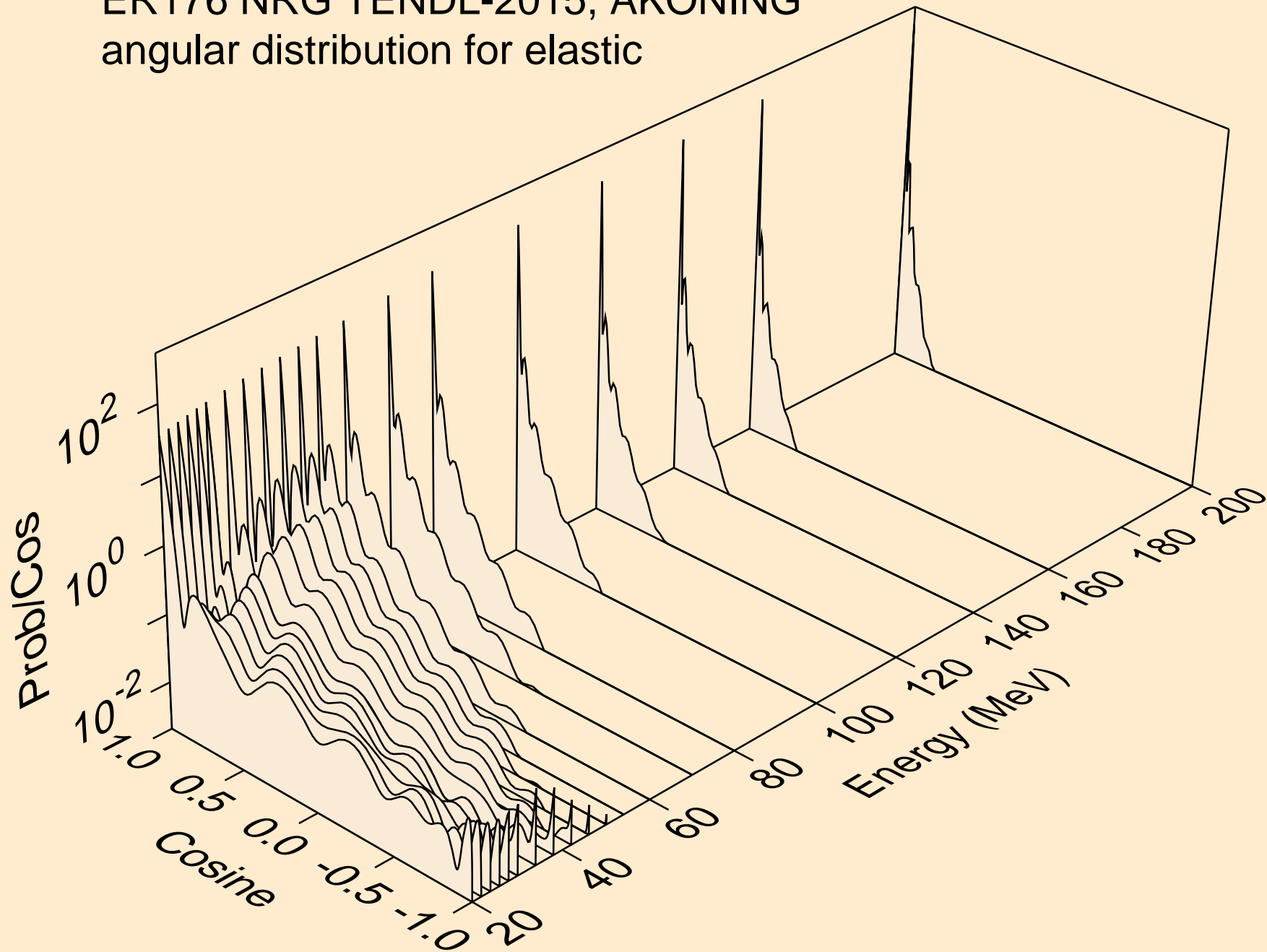
## Threshold reactions



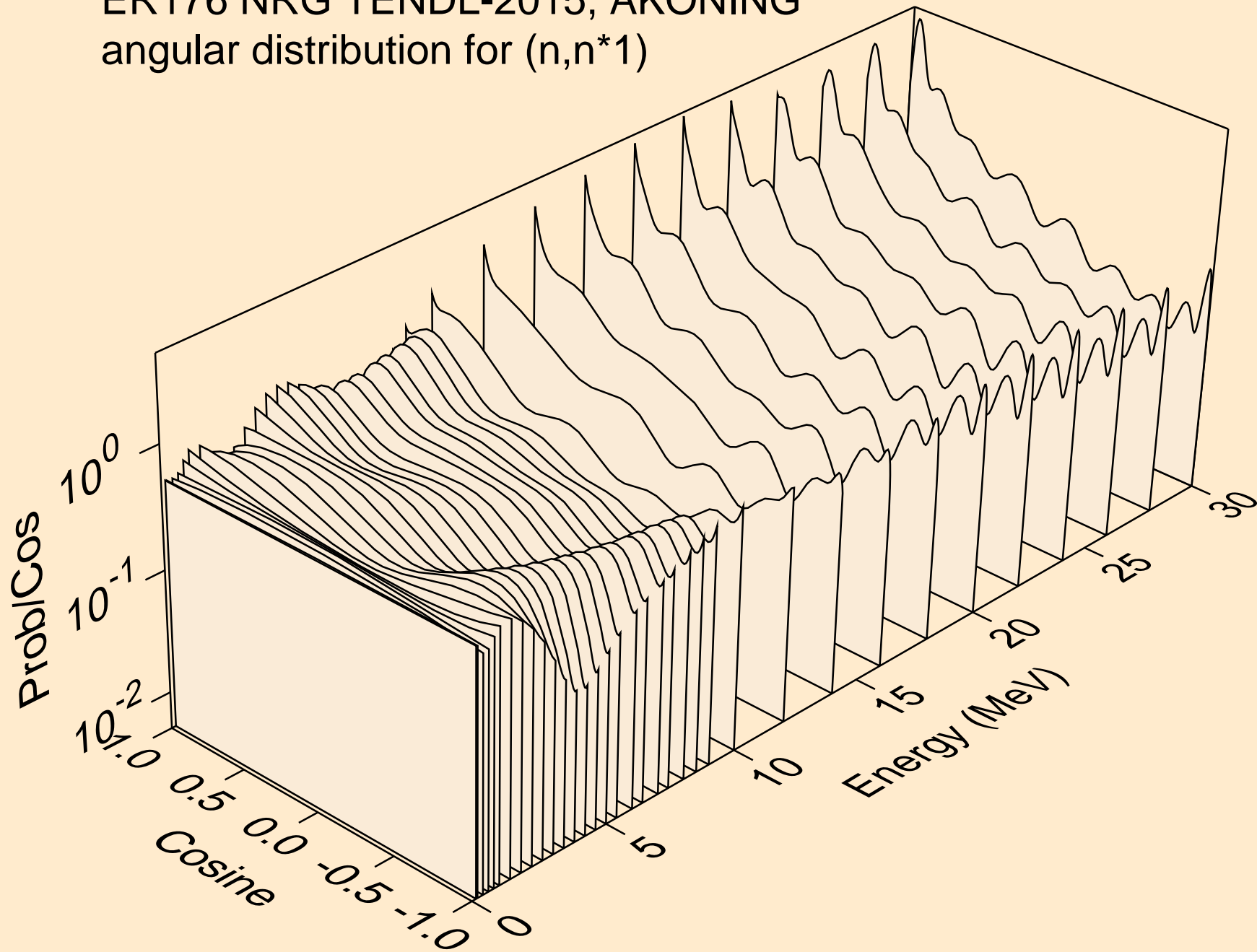
ER176 NRG TENDL-2015, AKONING  
angular distribution for elastic



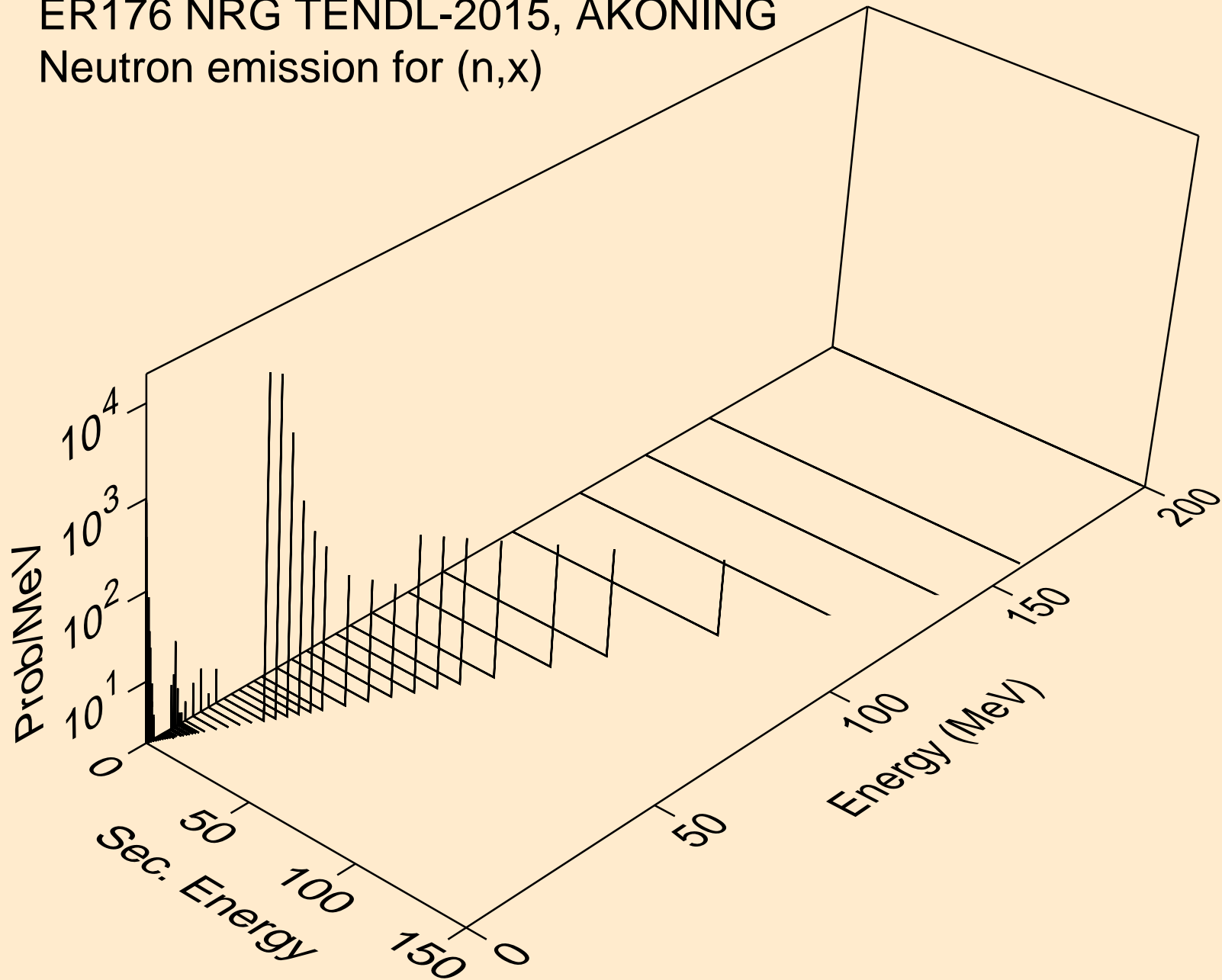
ER176 NRG TENDL-2015, AKONING  
angular distribution for elastic



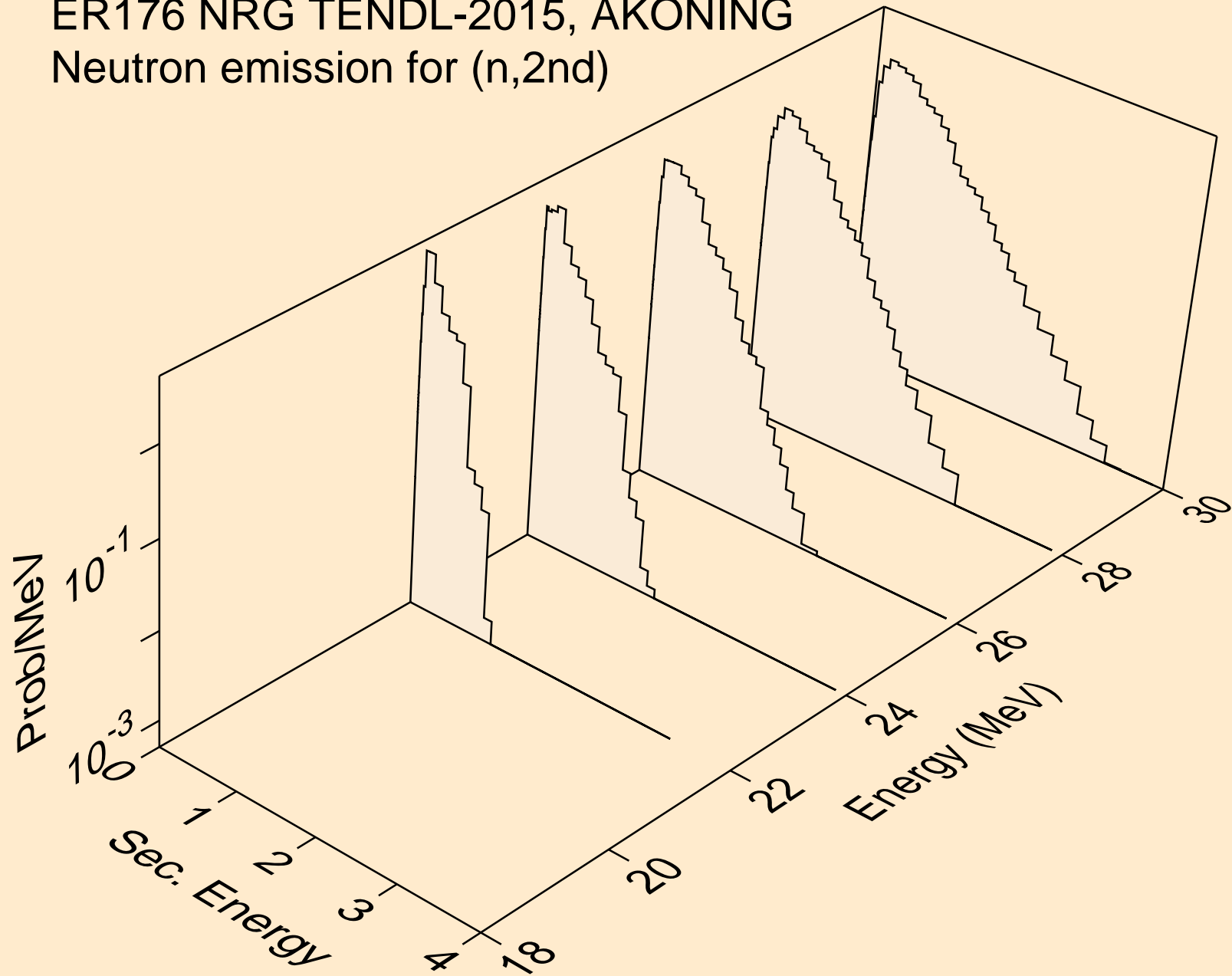
ER176 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



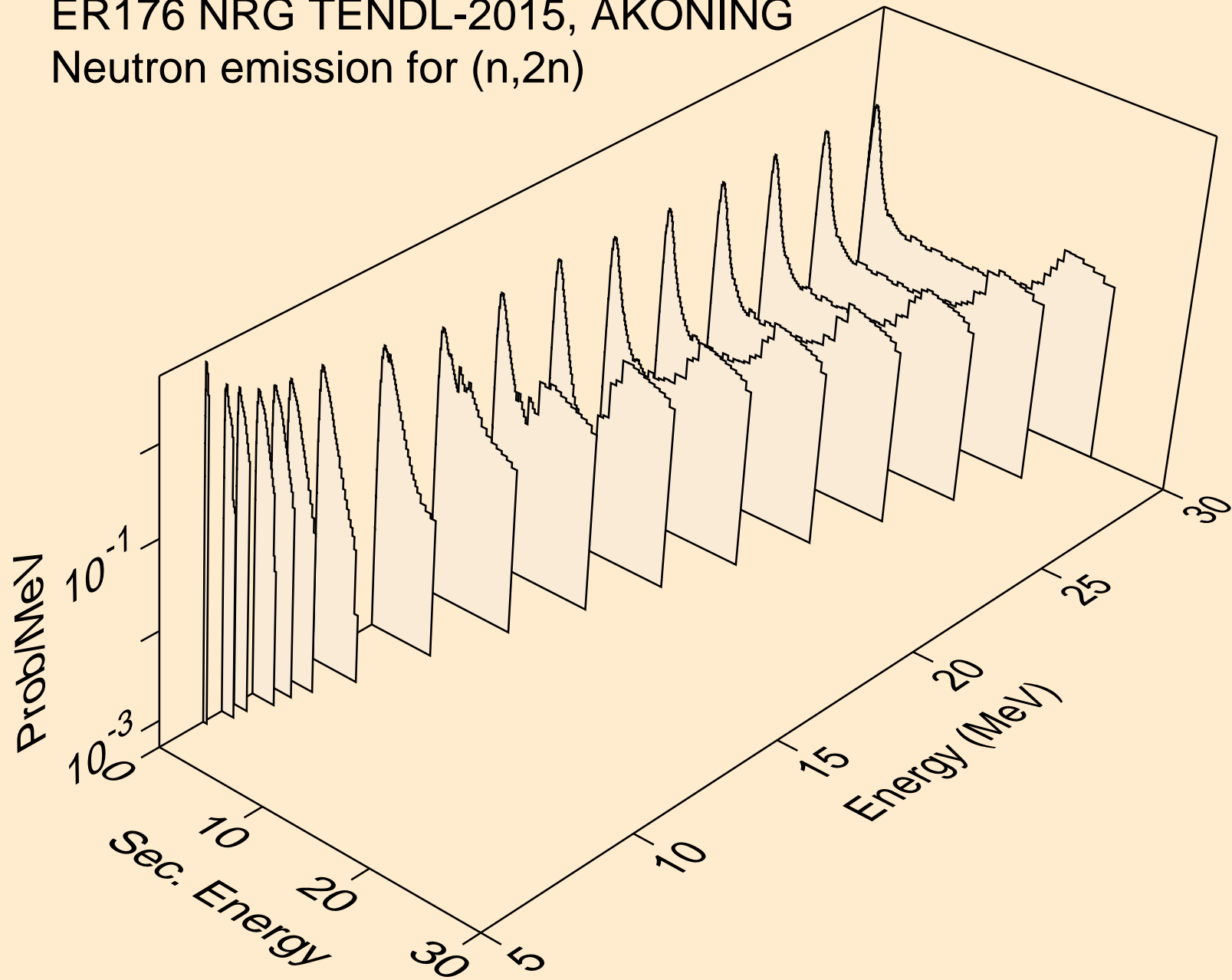
ER176 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



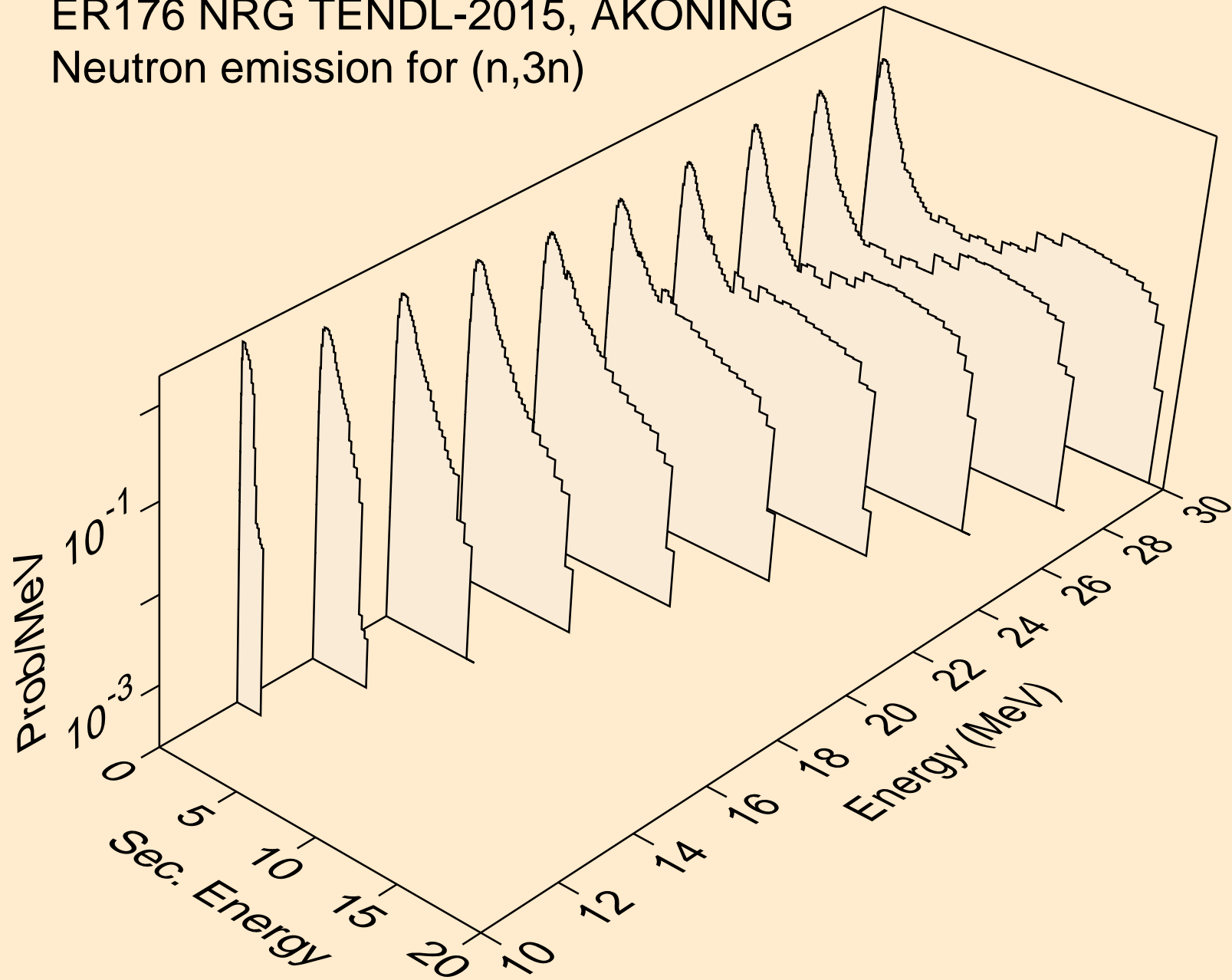
ER176 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



ER176 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

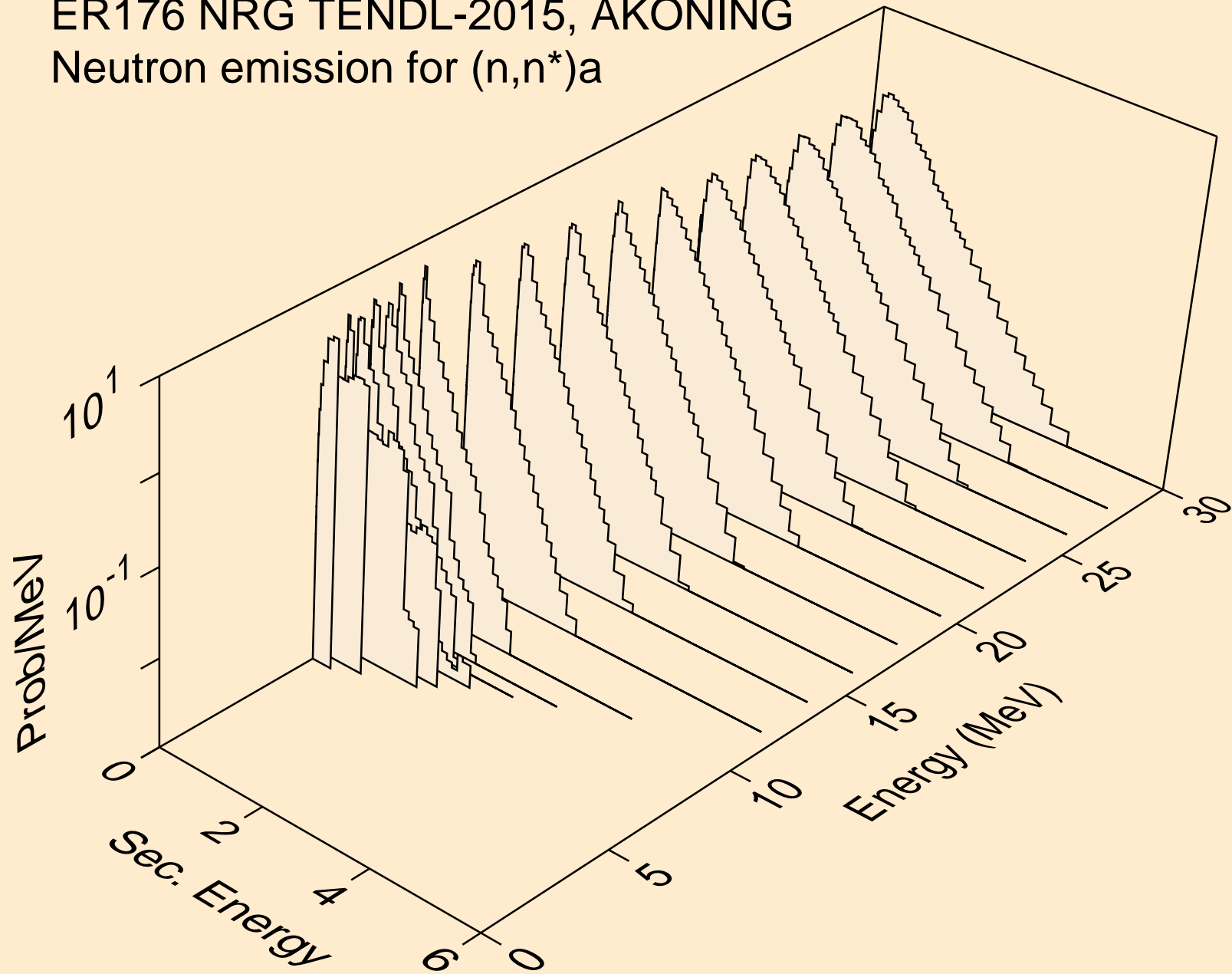


ER176 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)

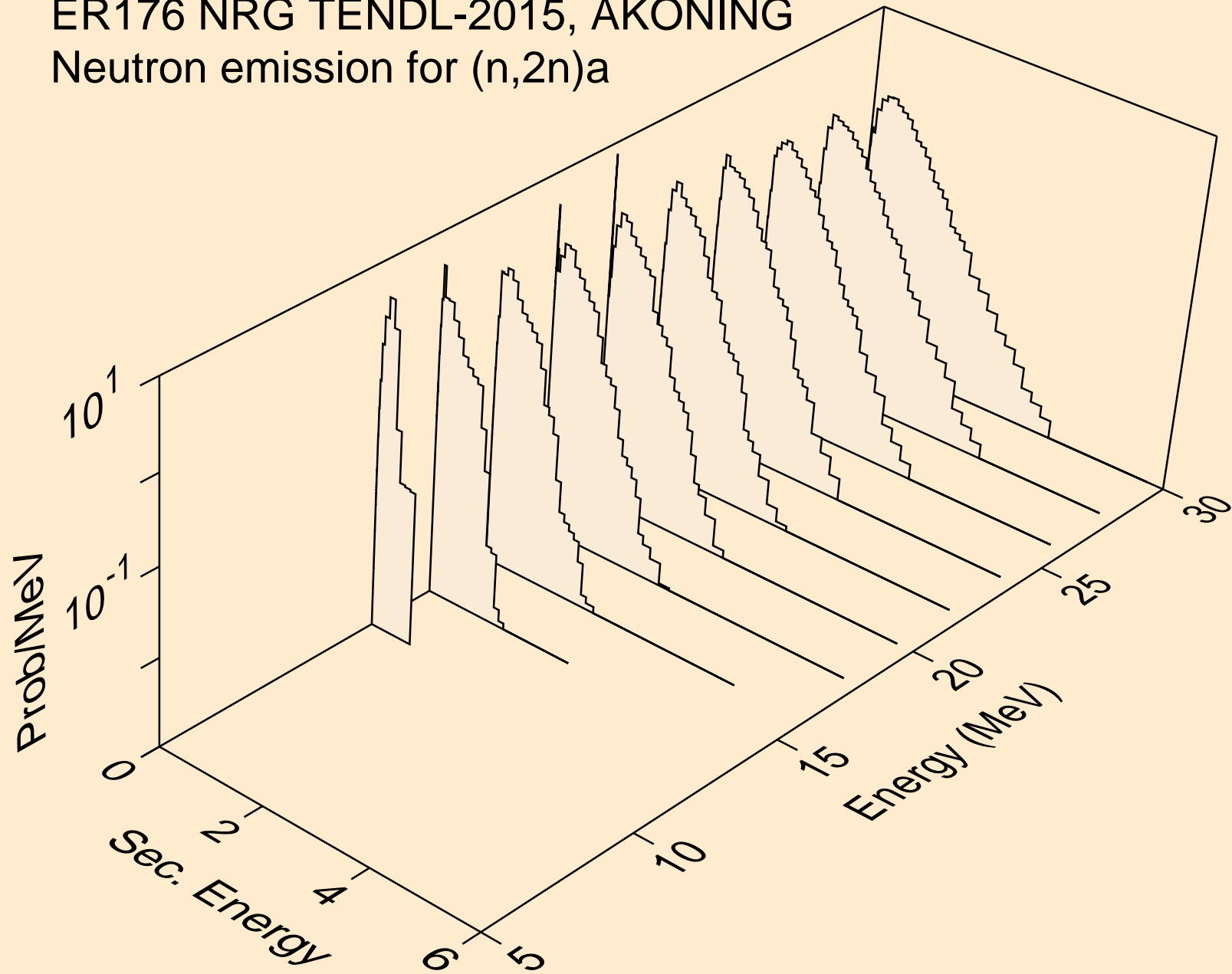




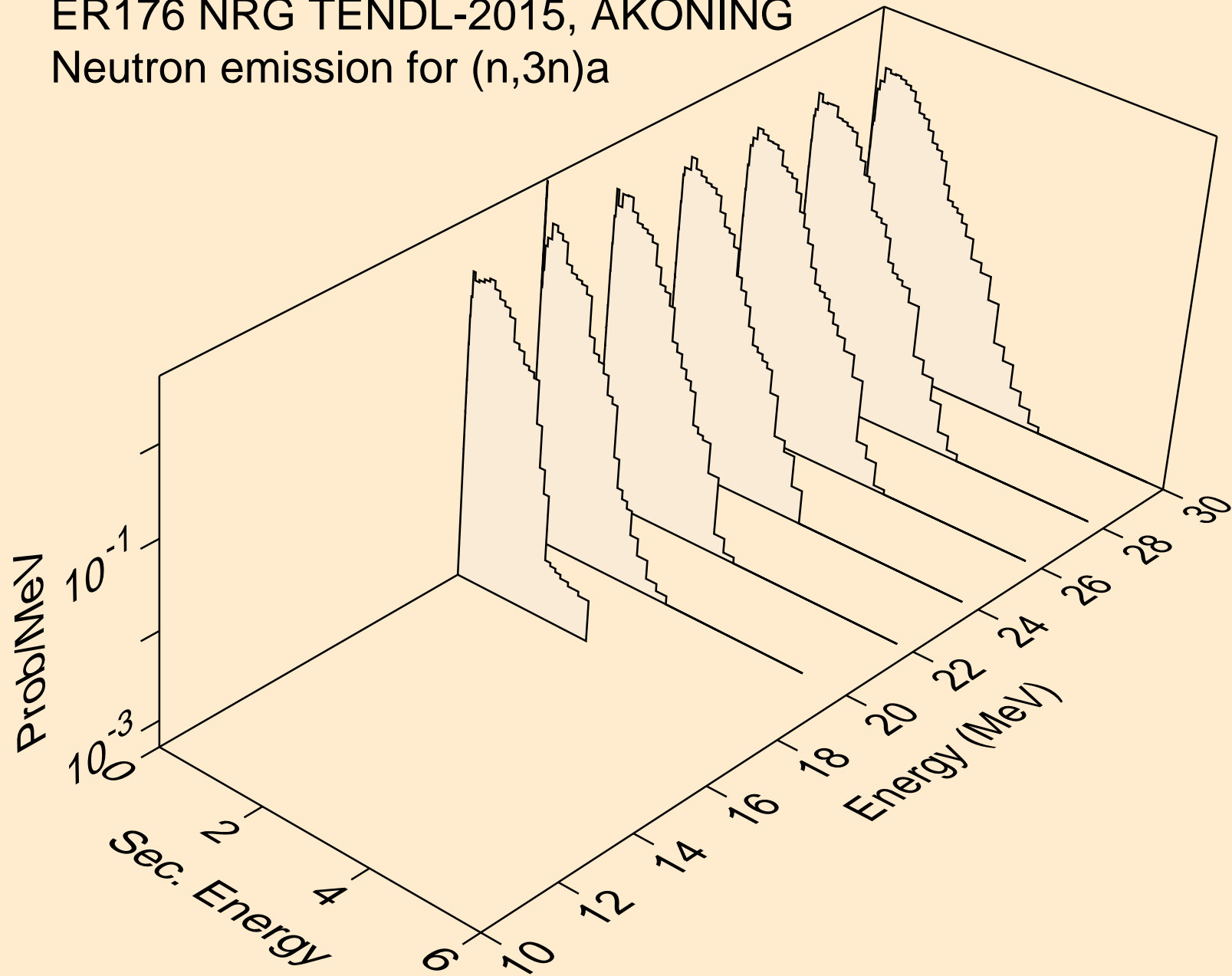
ER176 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



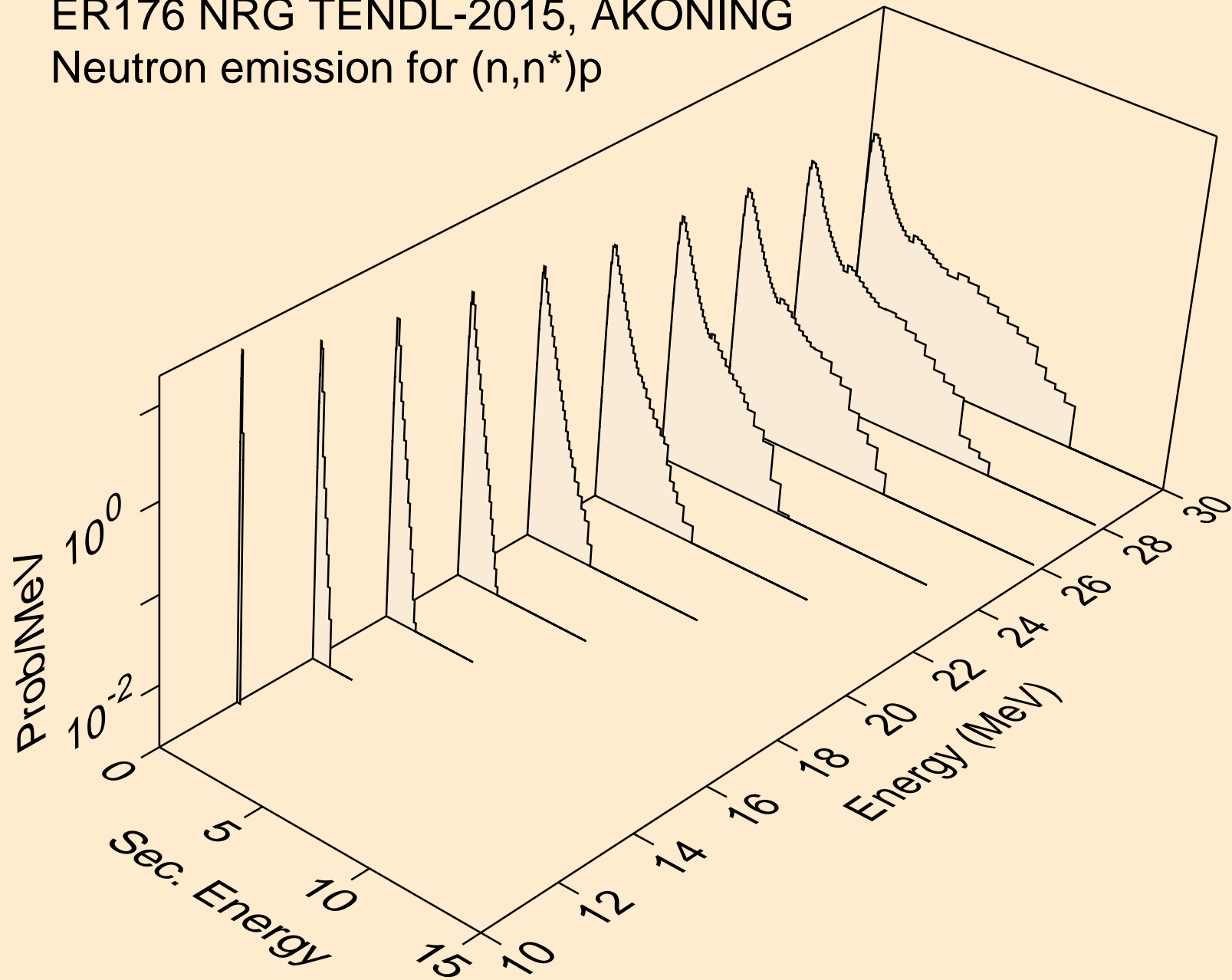
ER176 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)<sub>a</sub>



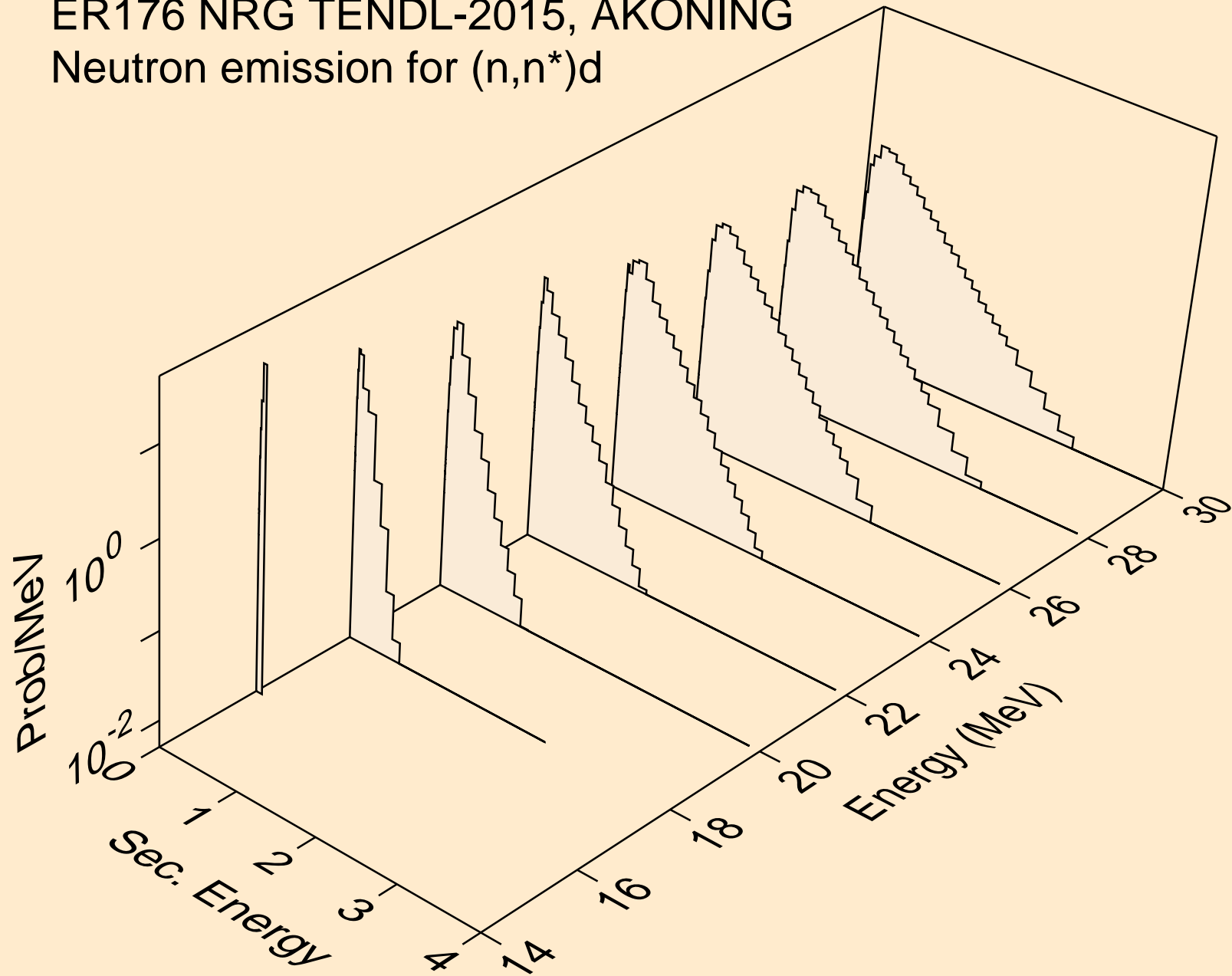
ER176 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



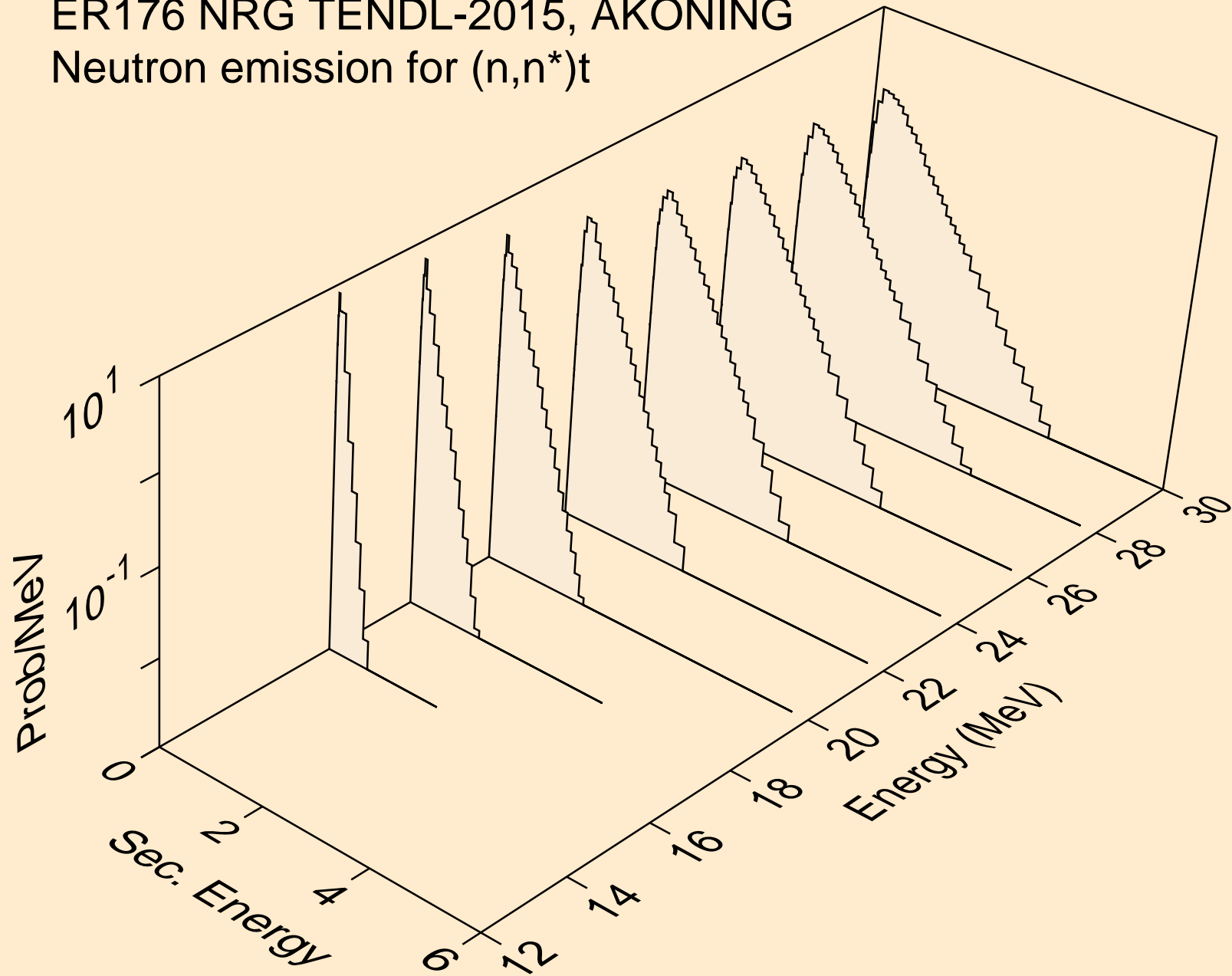
ER176 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



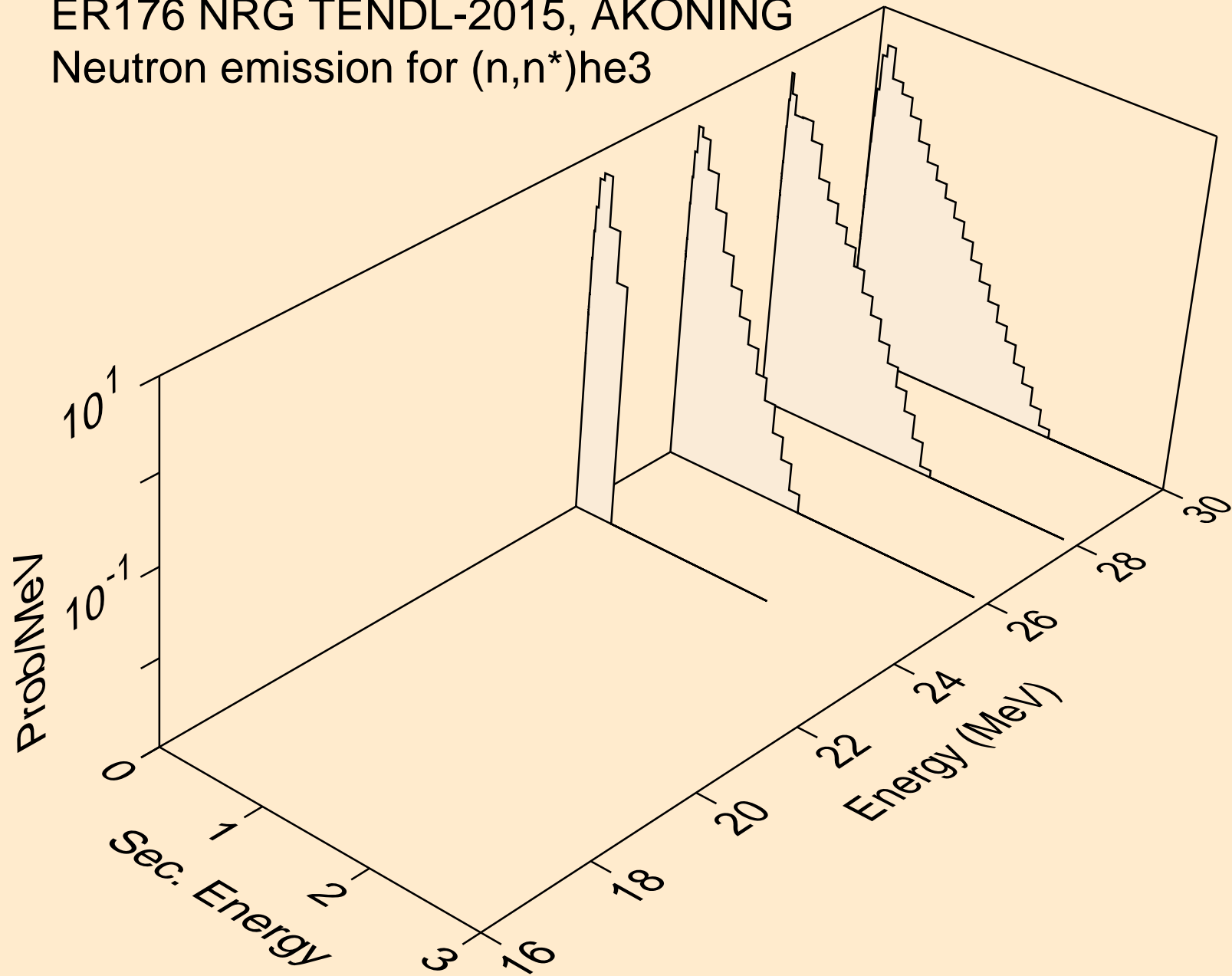
ER176 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



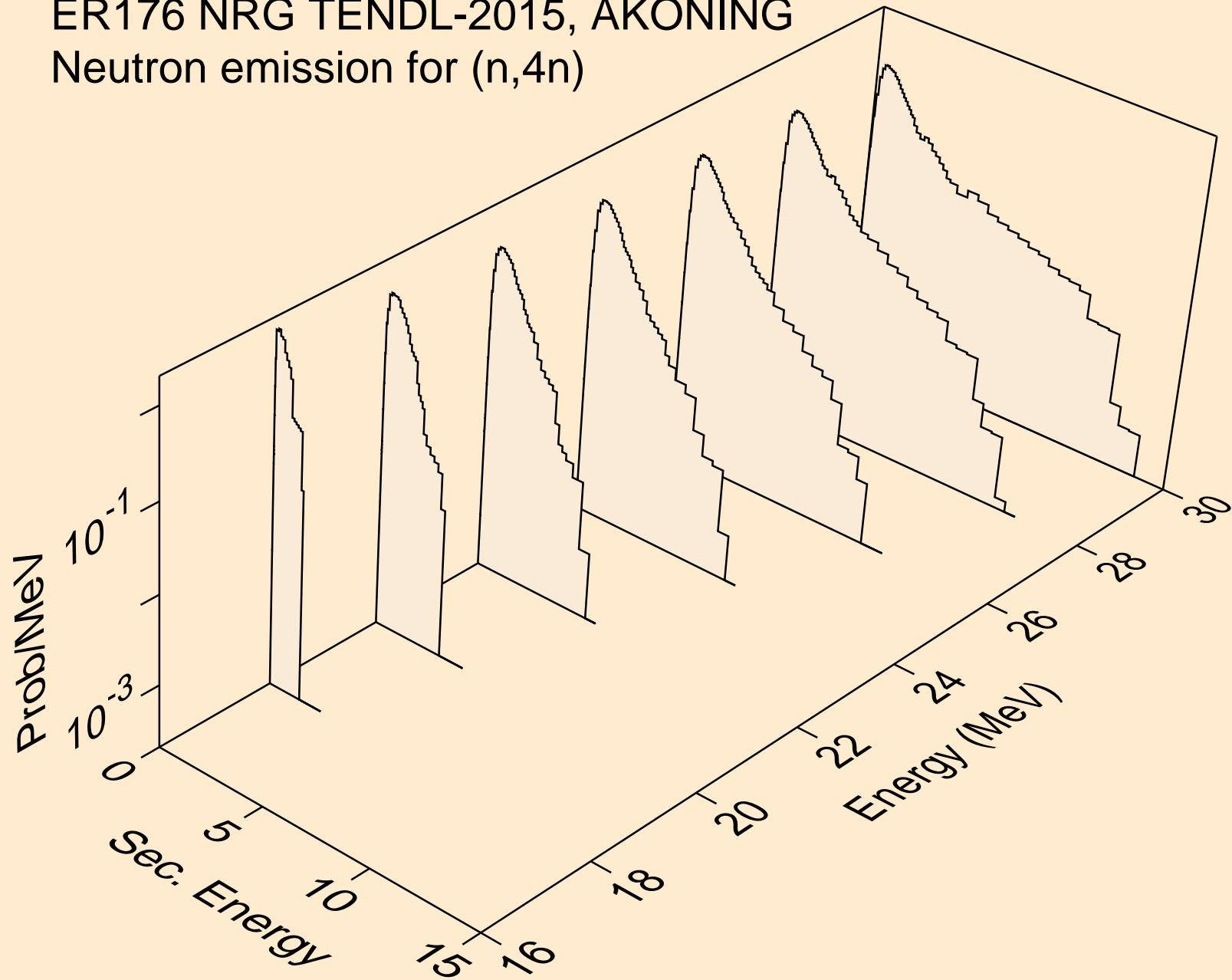
ER176 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



ER176 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

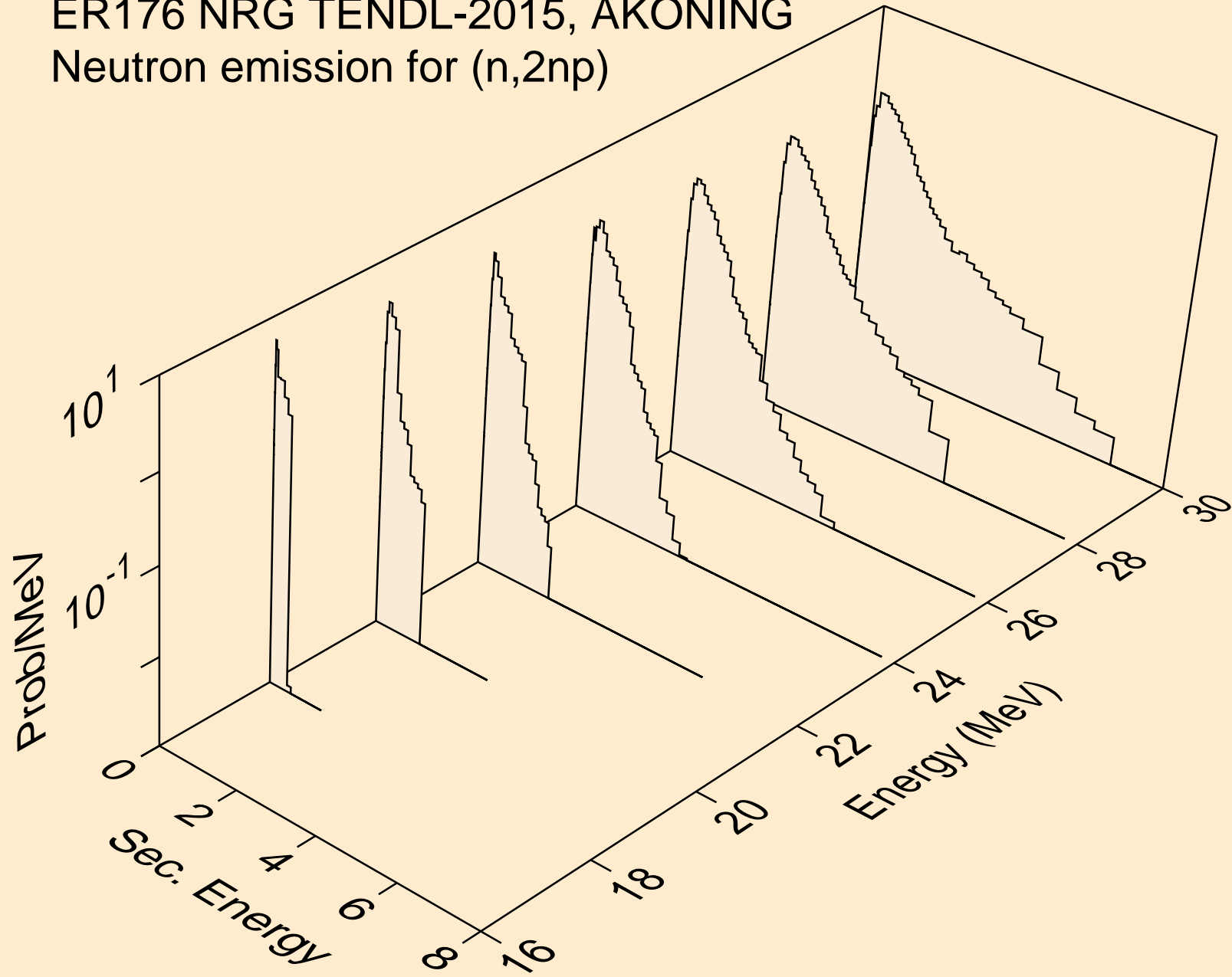


ER176 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)

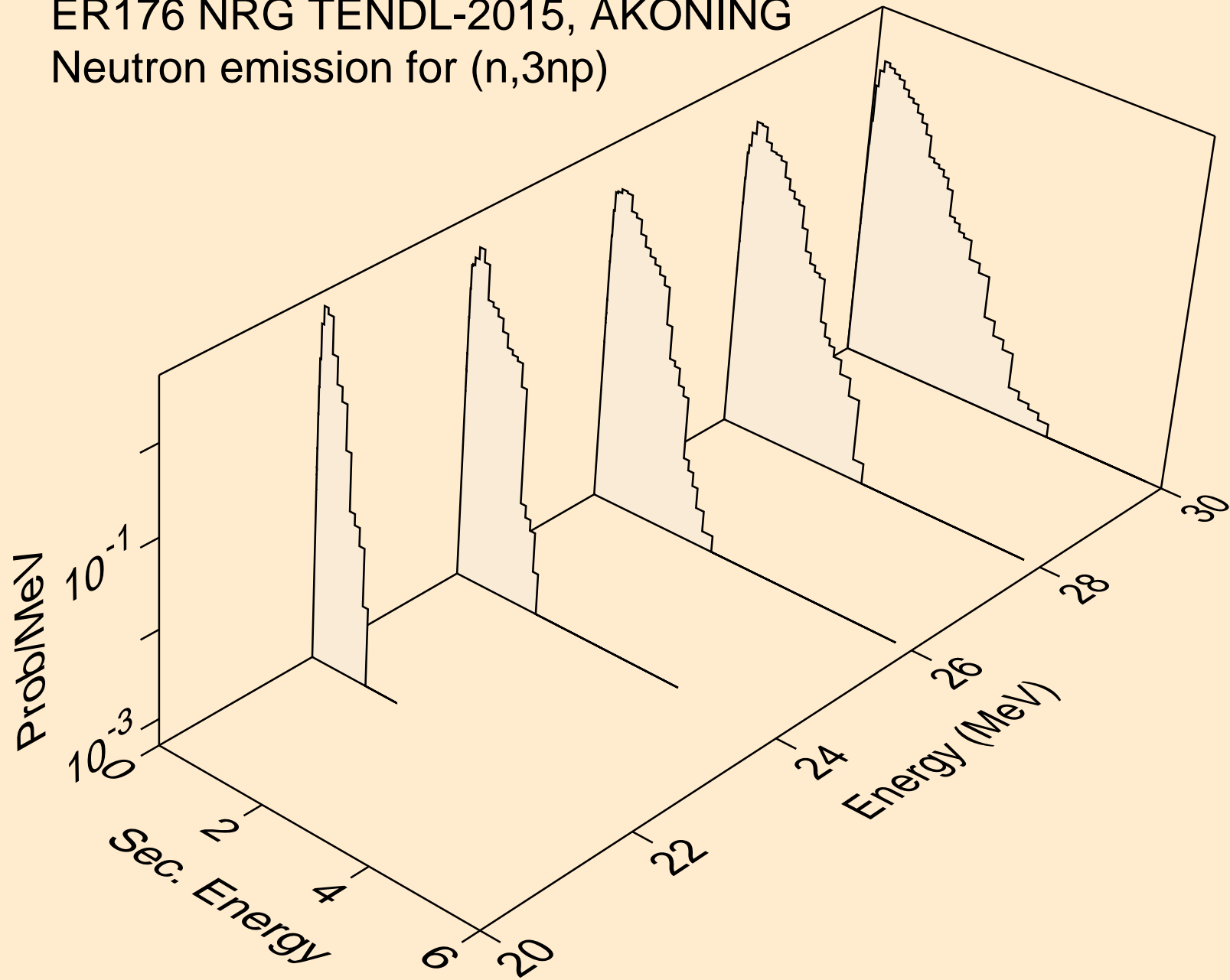




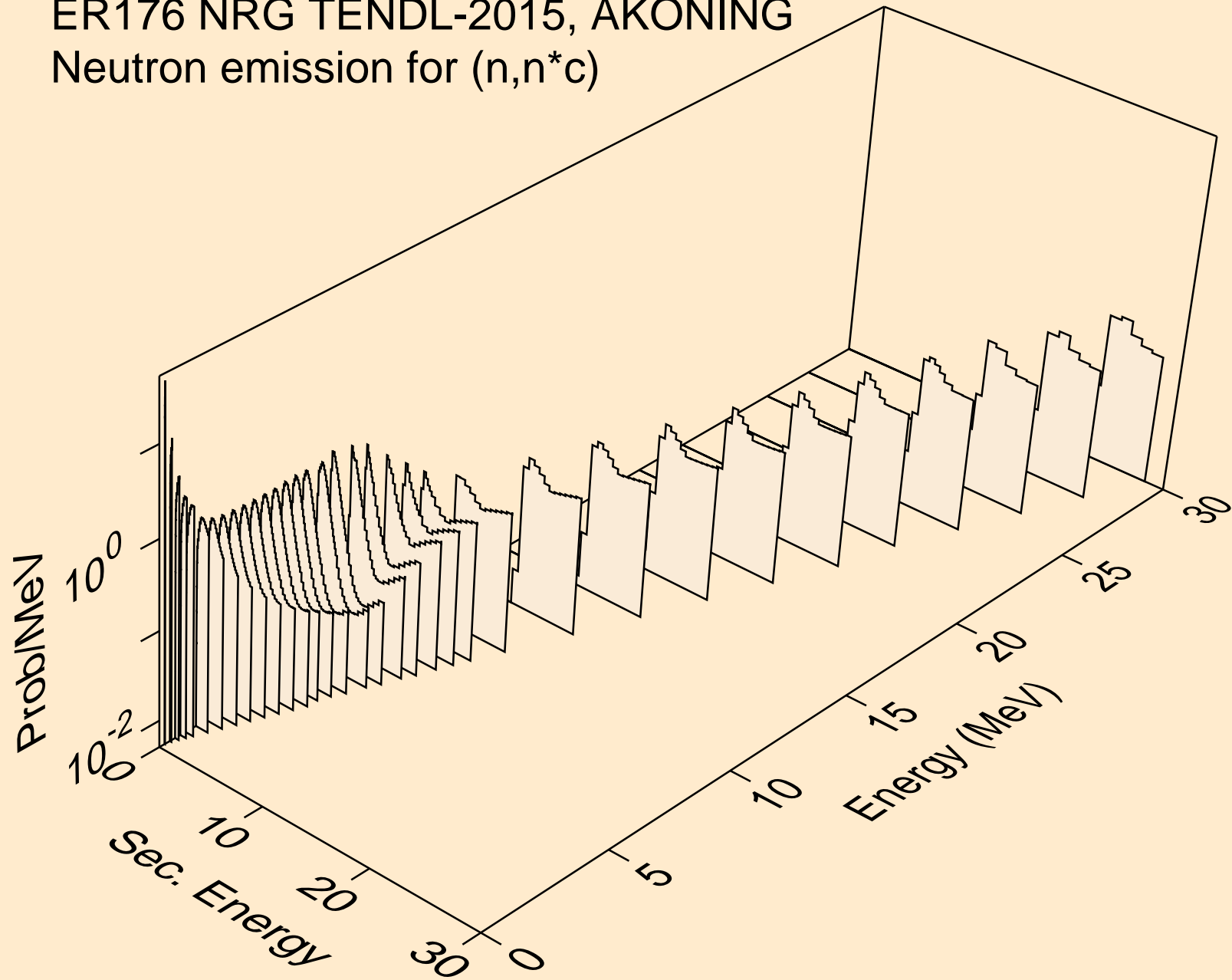
ER176 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



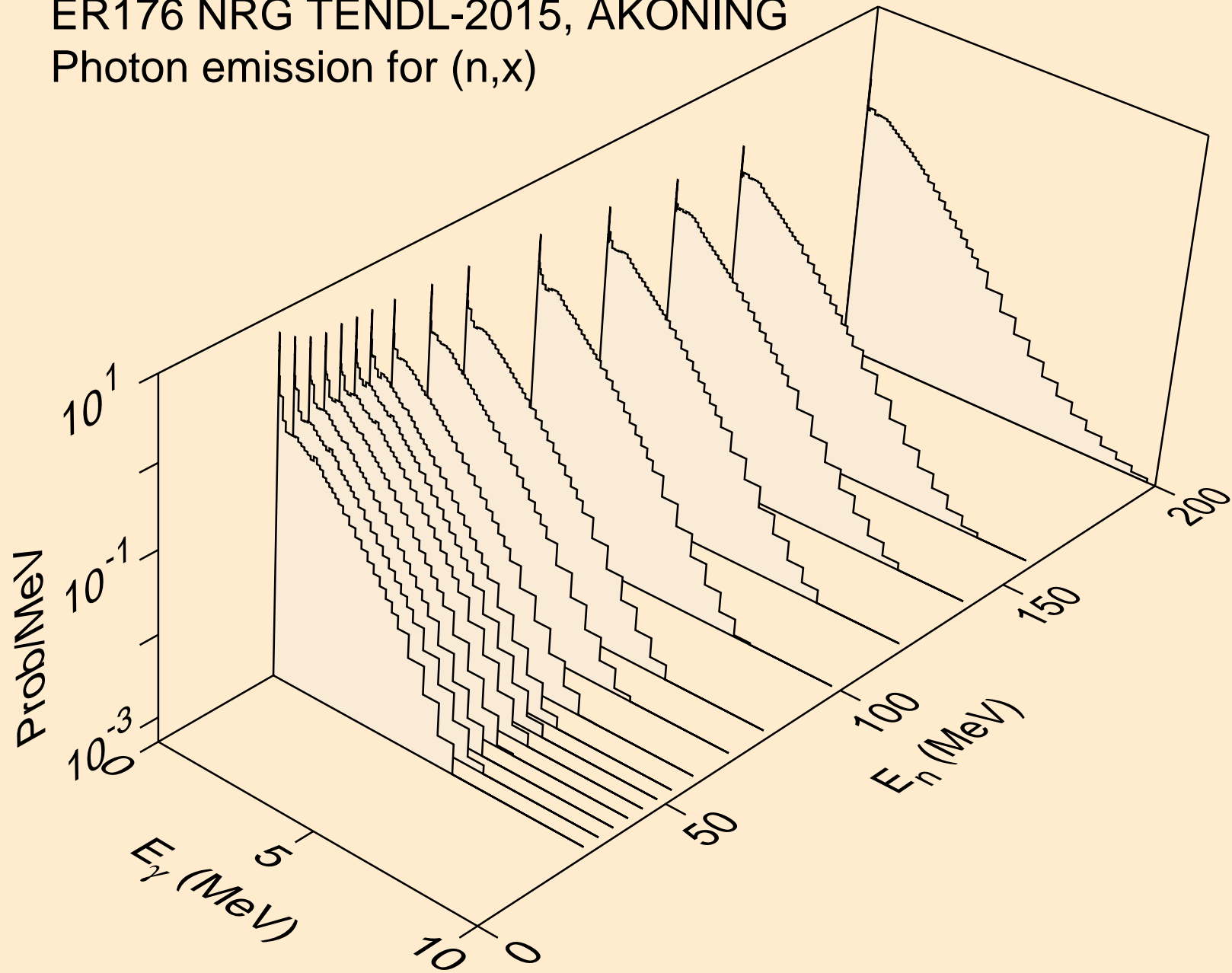
ER176 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



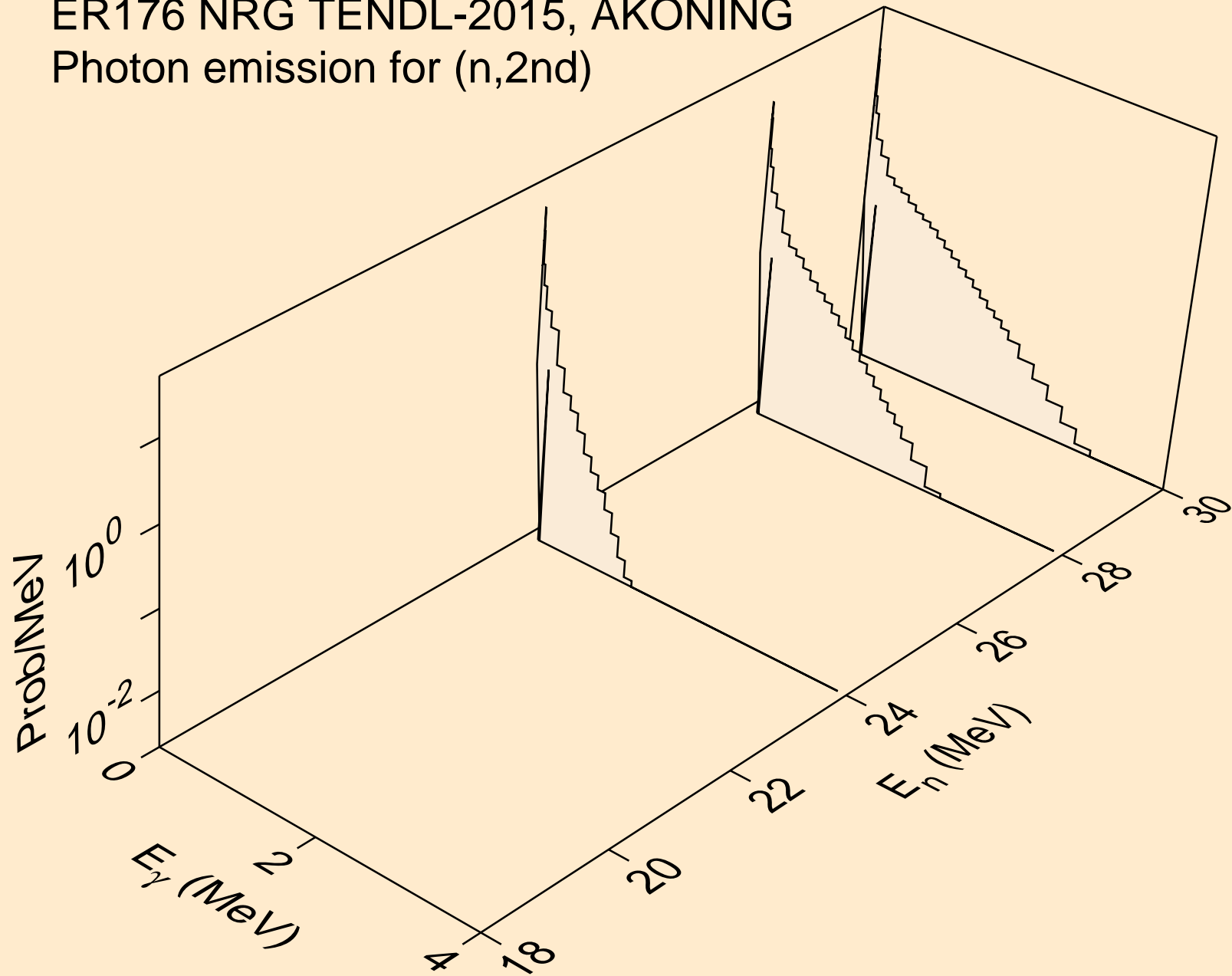
ER176 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



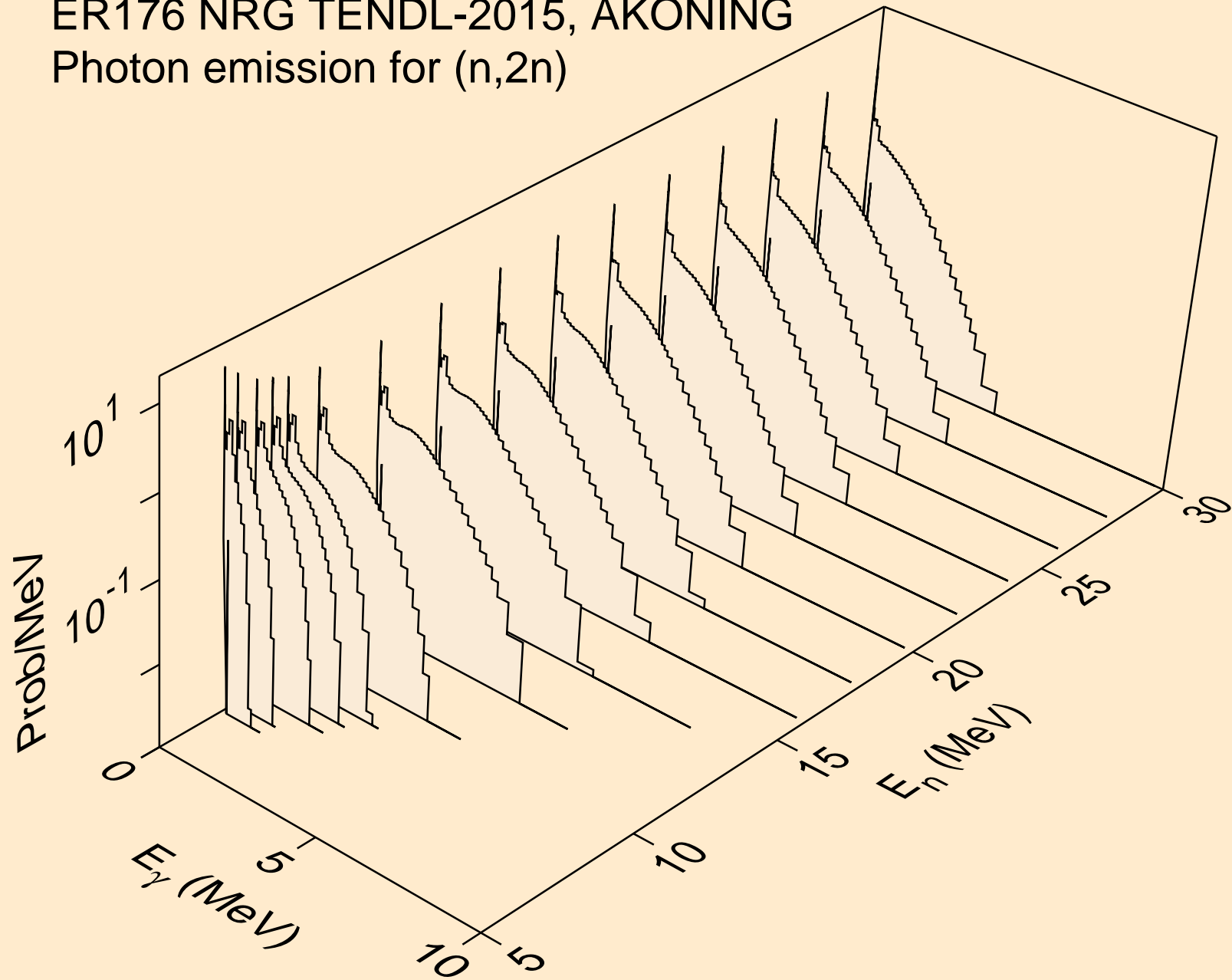
ER176 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



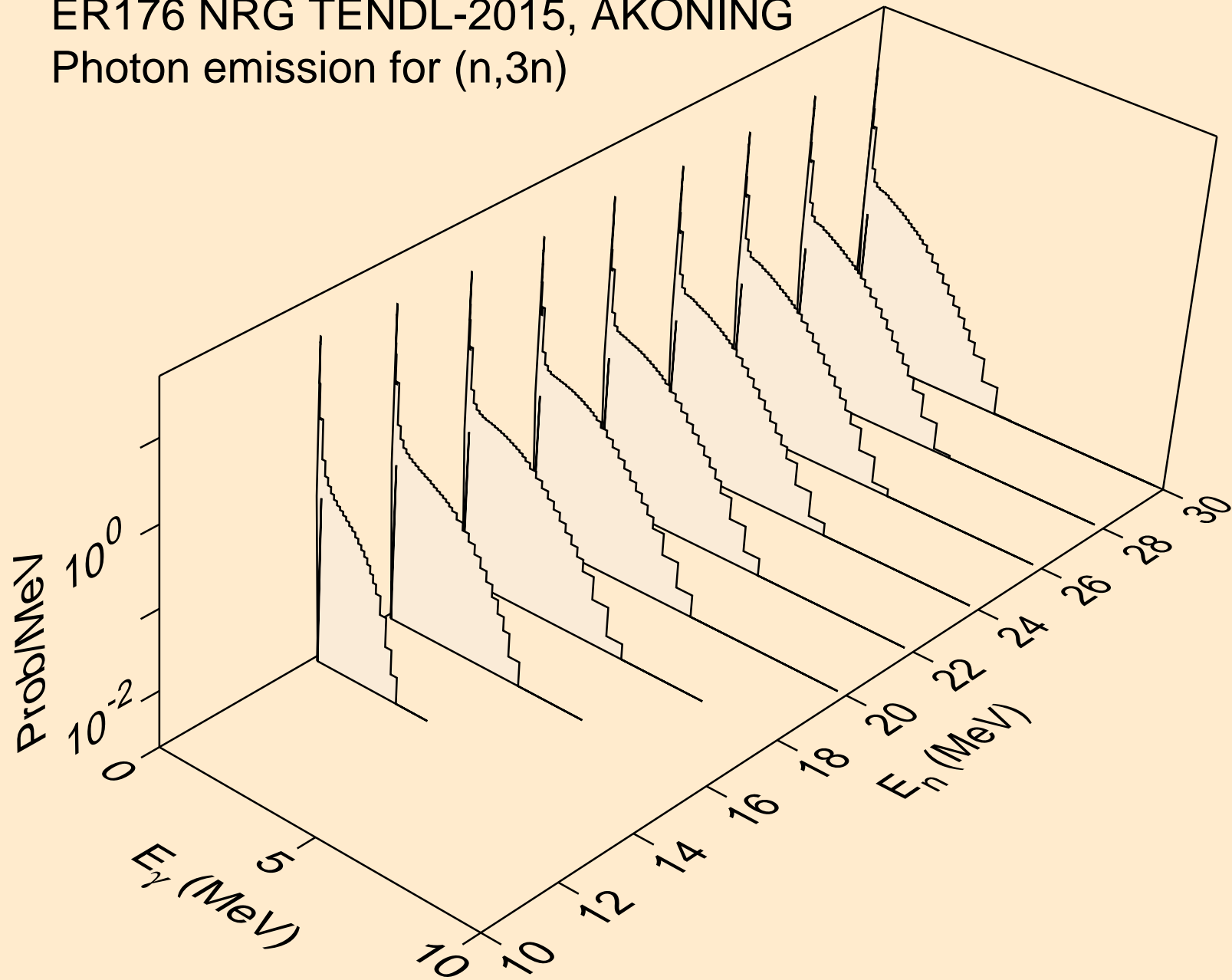
ER176 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



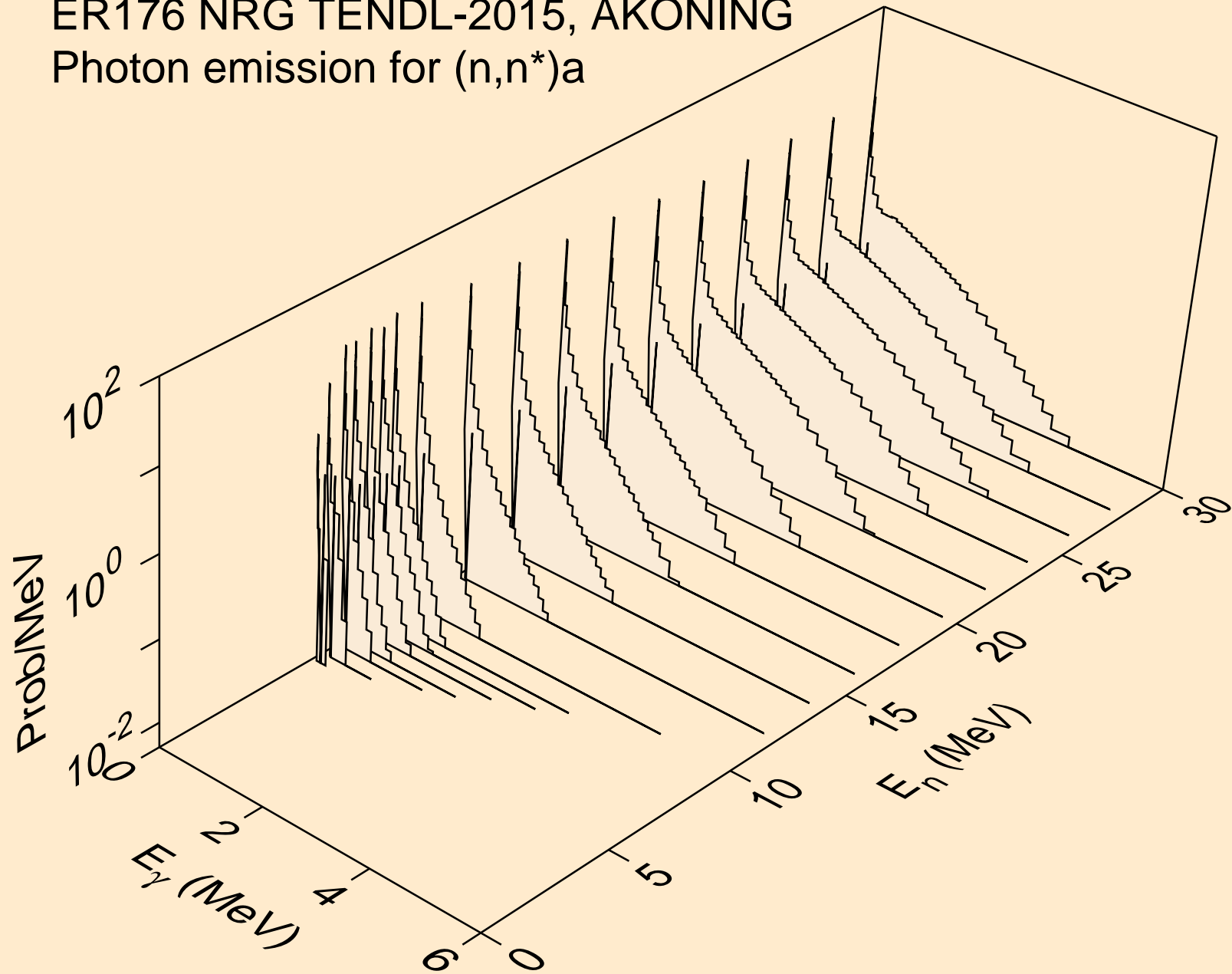
ER176 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



ER176 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

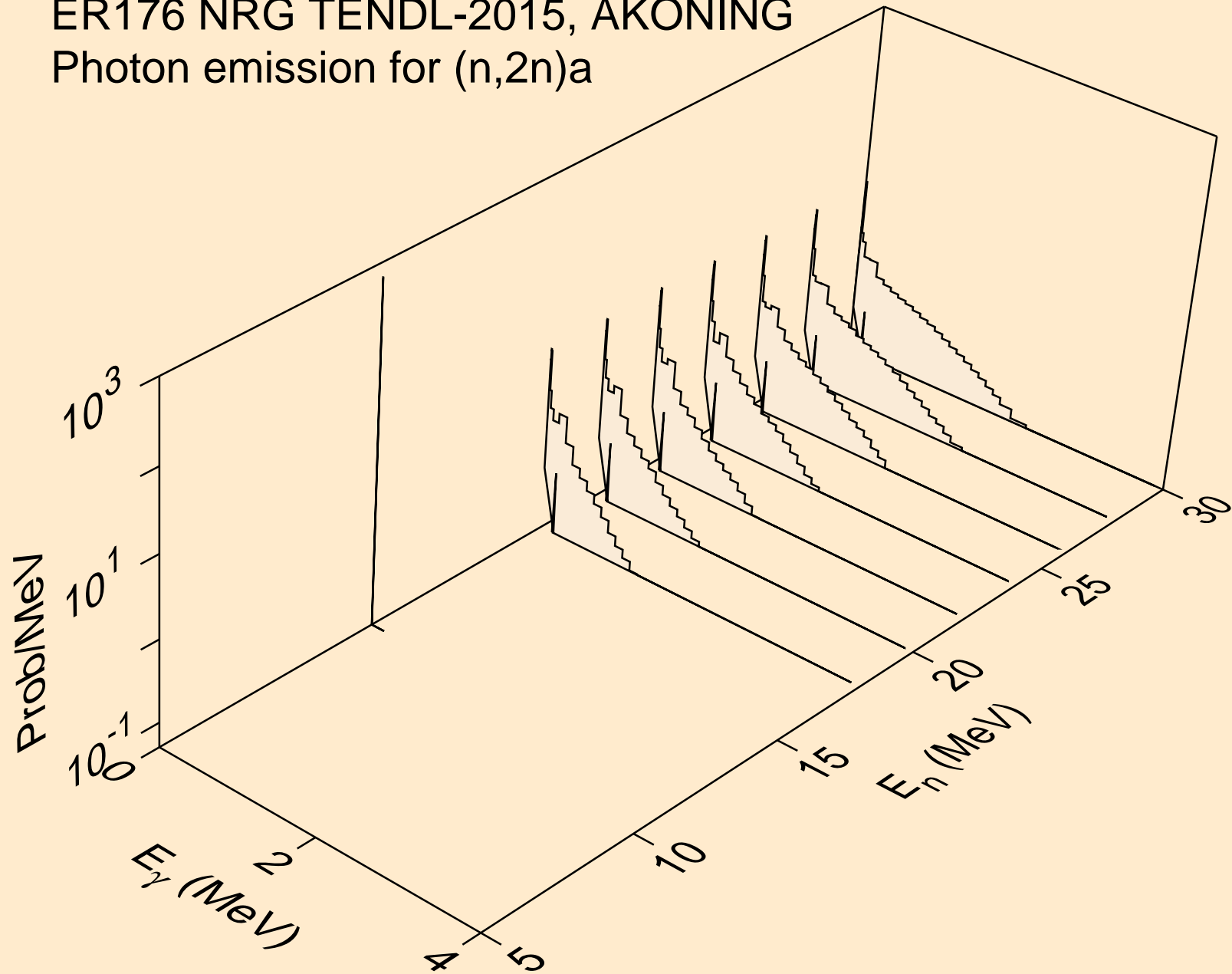


ER176 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

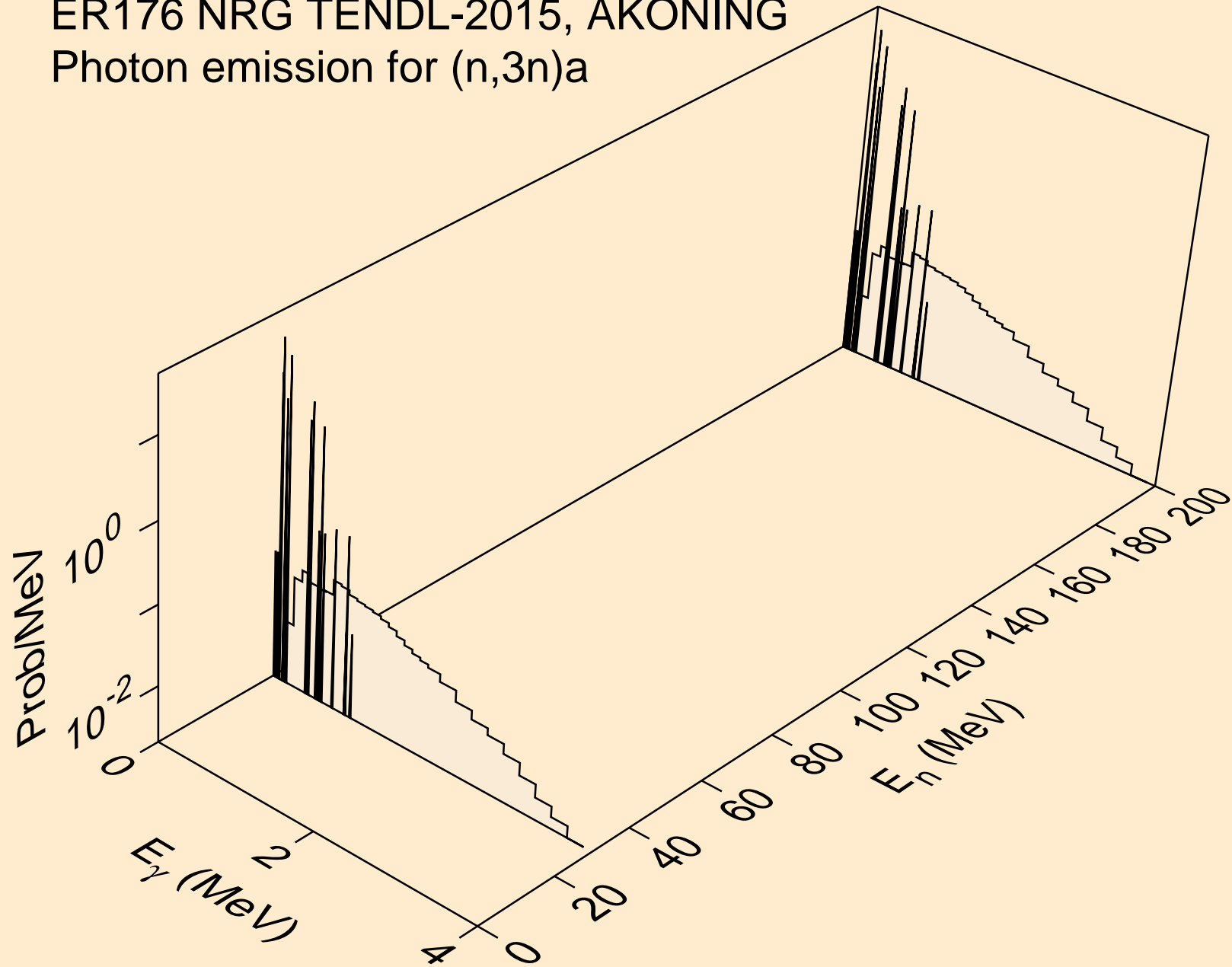




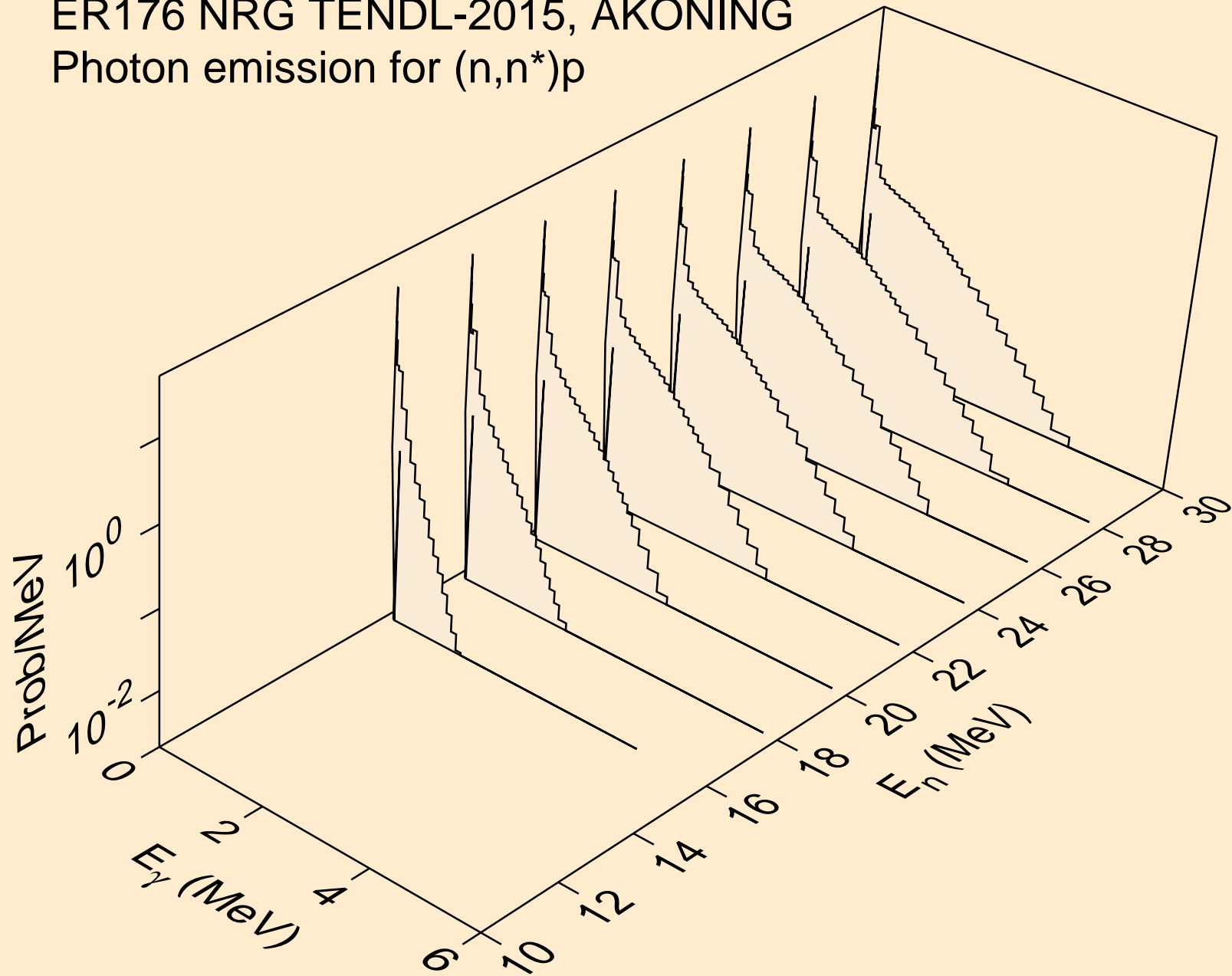
ER176 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



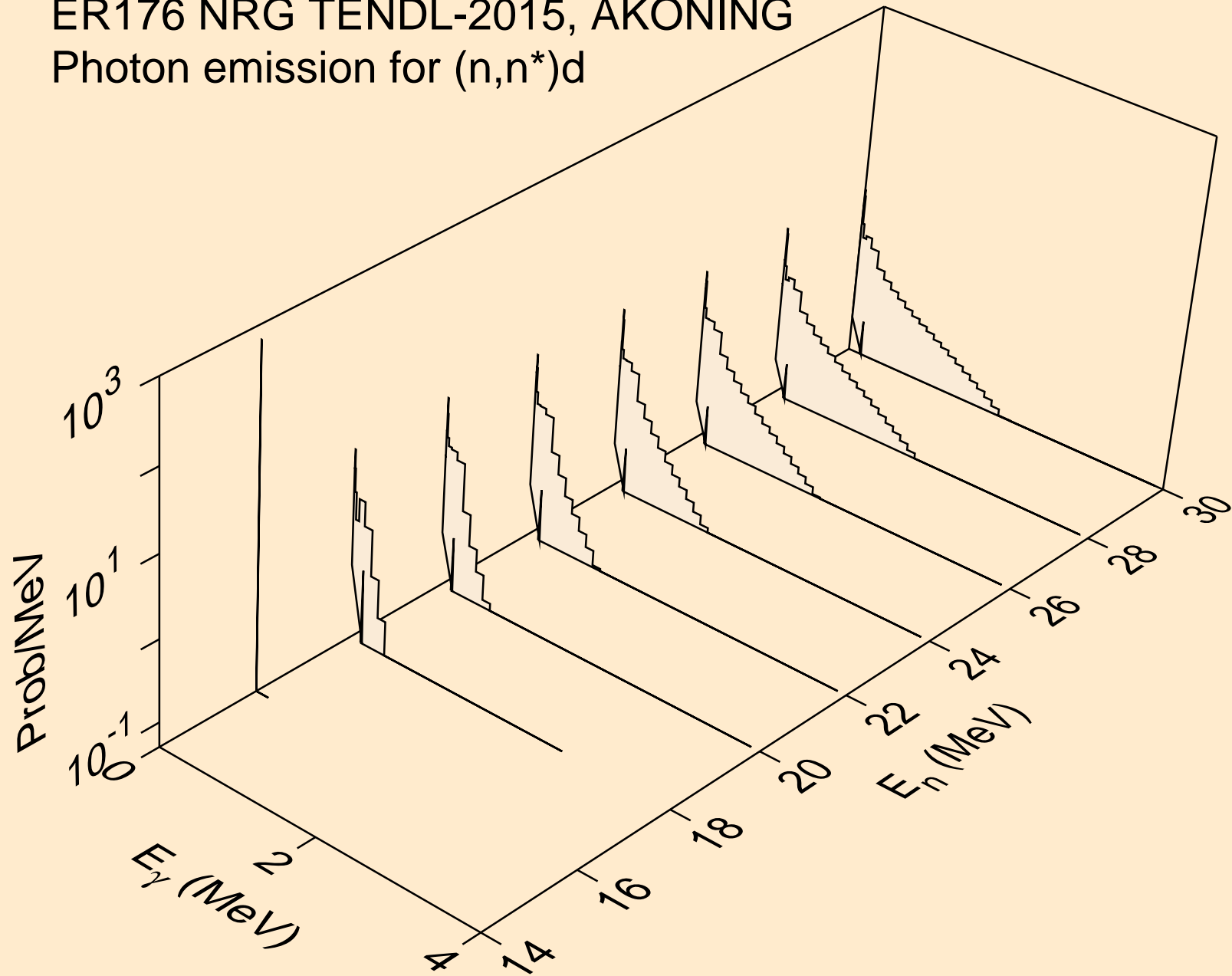
ER176 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



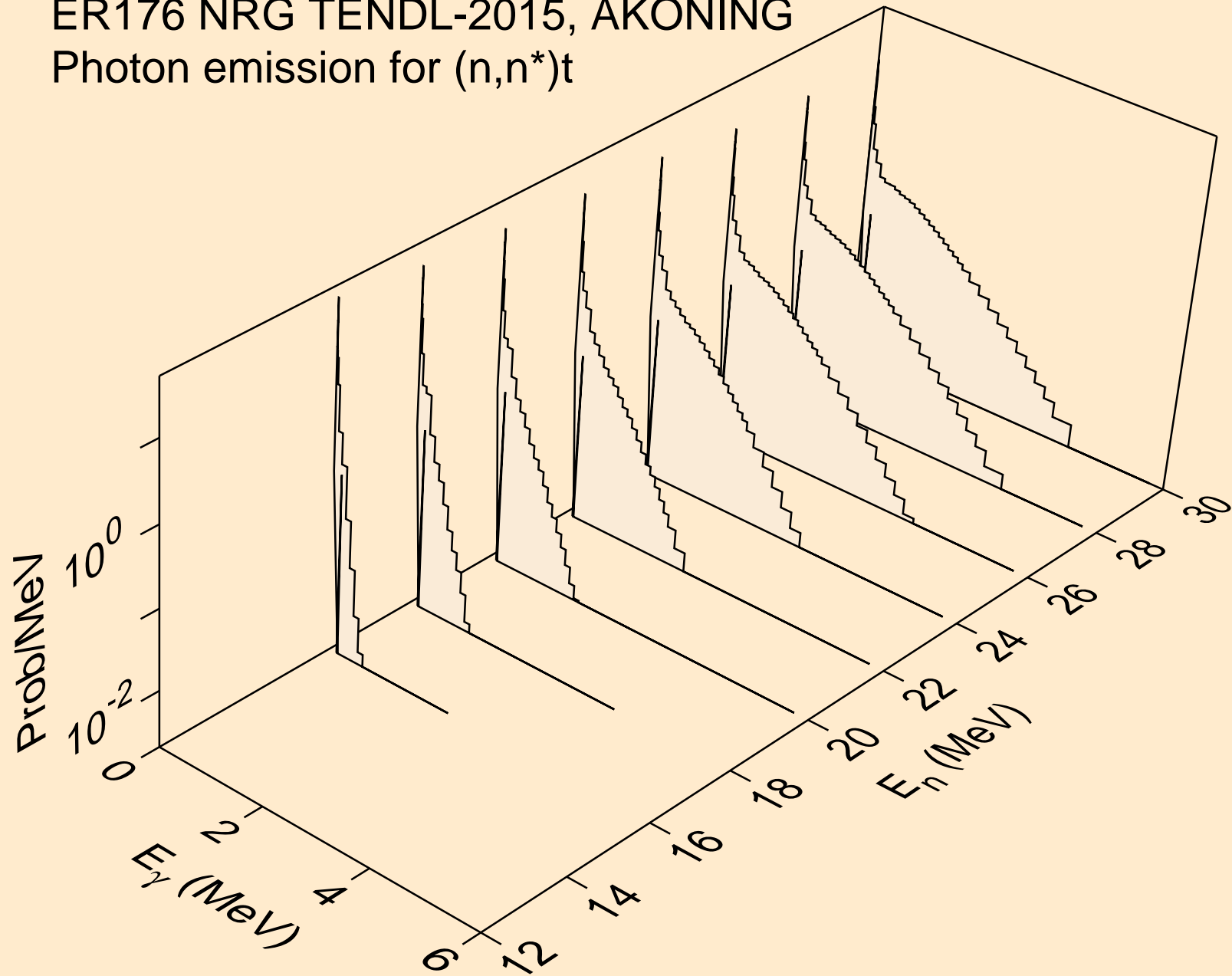
ER176 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



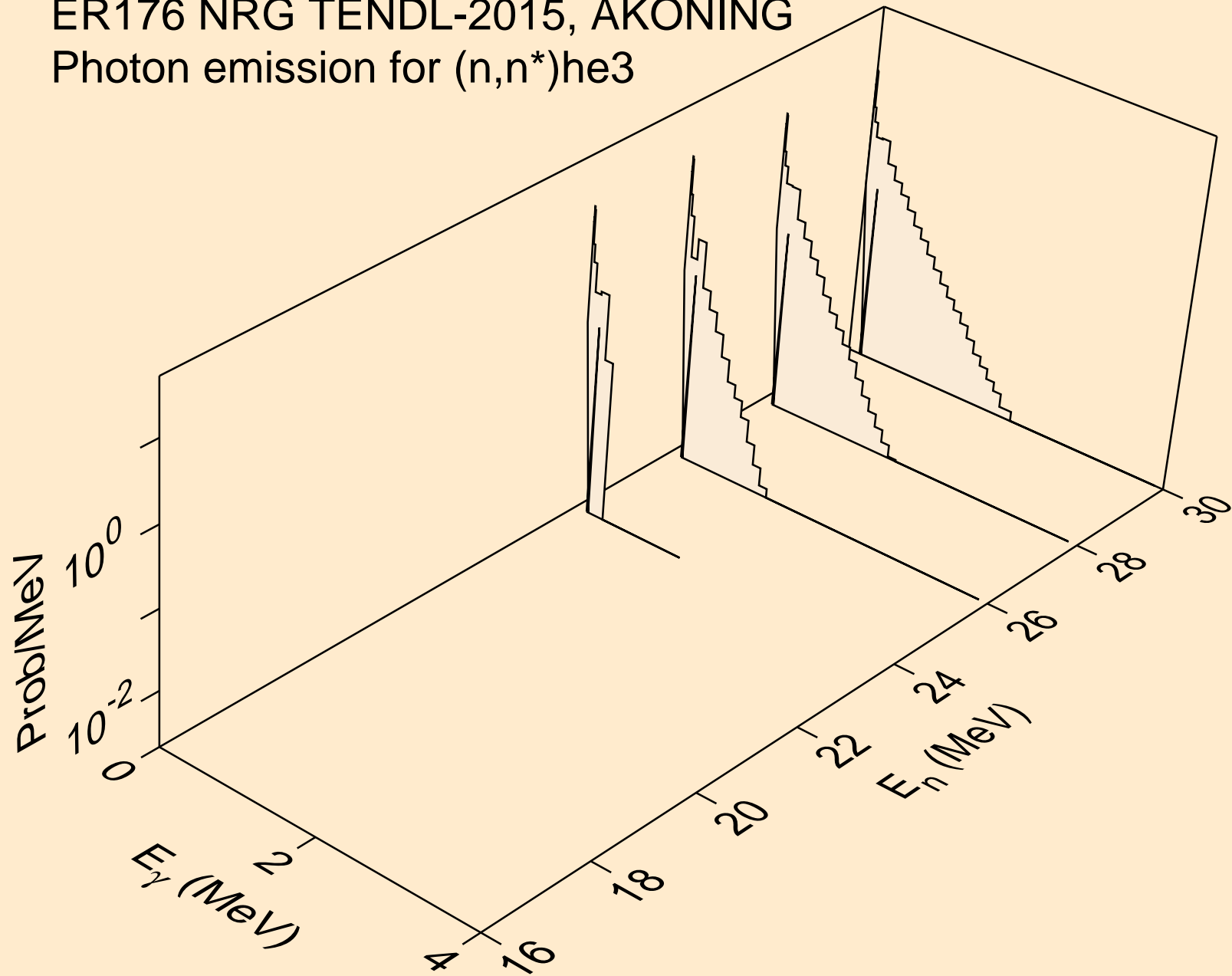
ER176 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



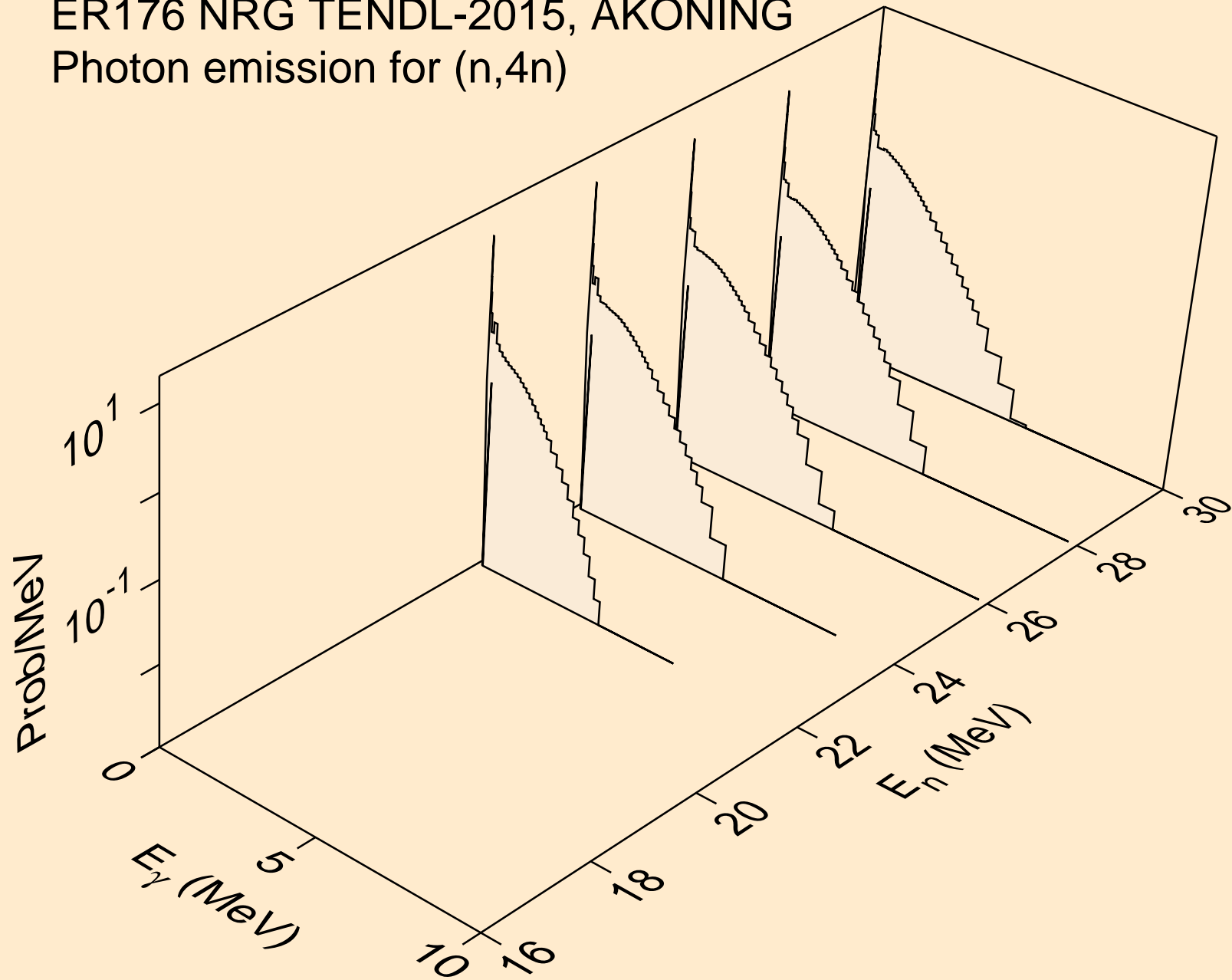
ER176 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



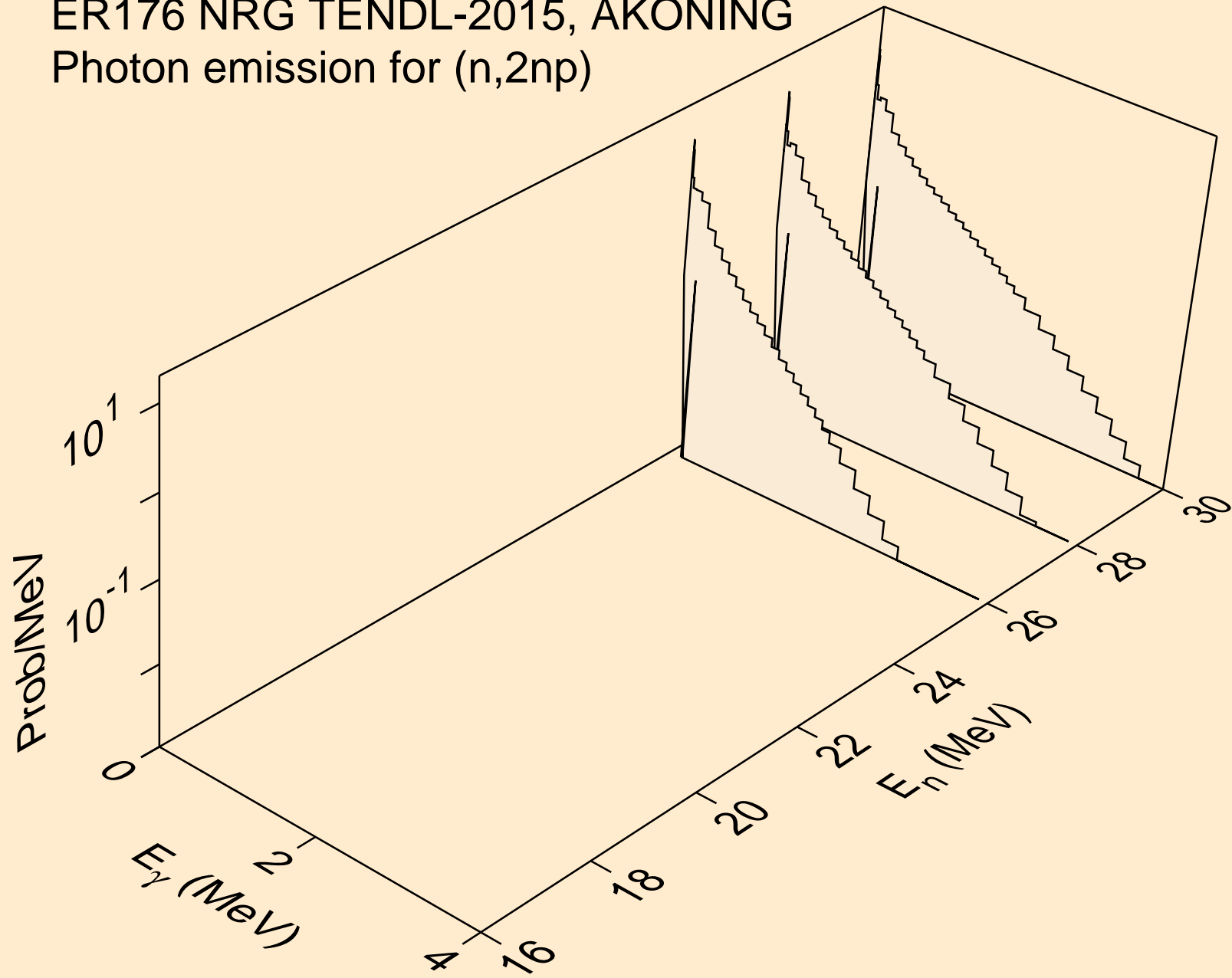
ER176 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



ER176 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)

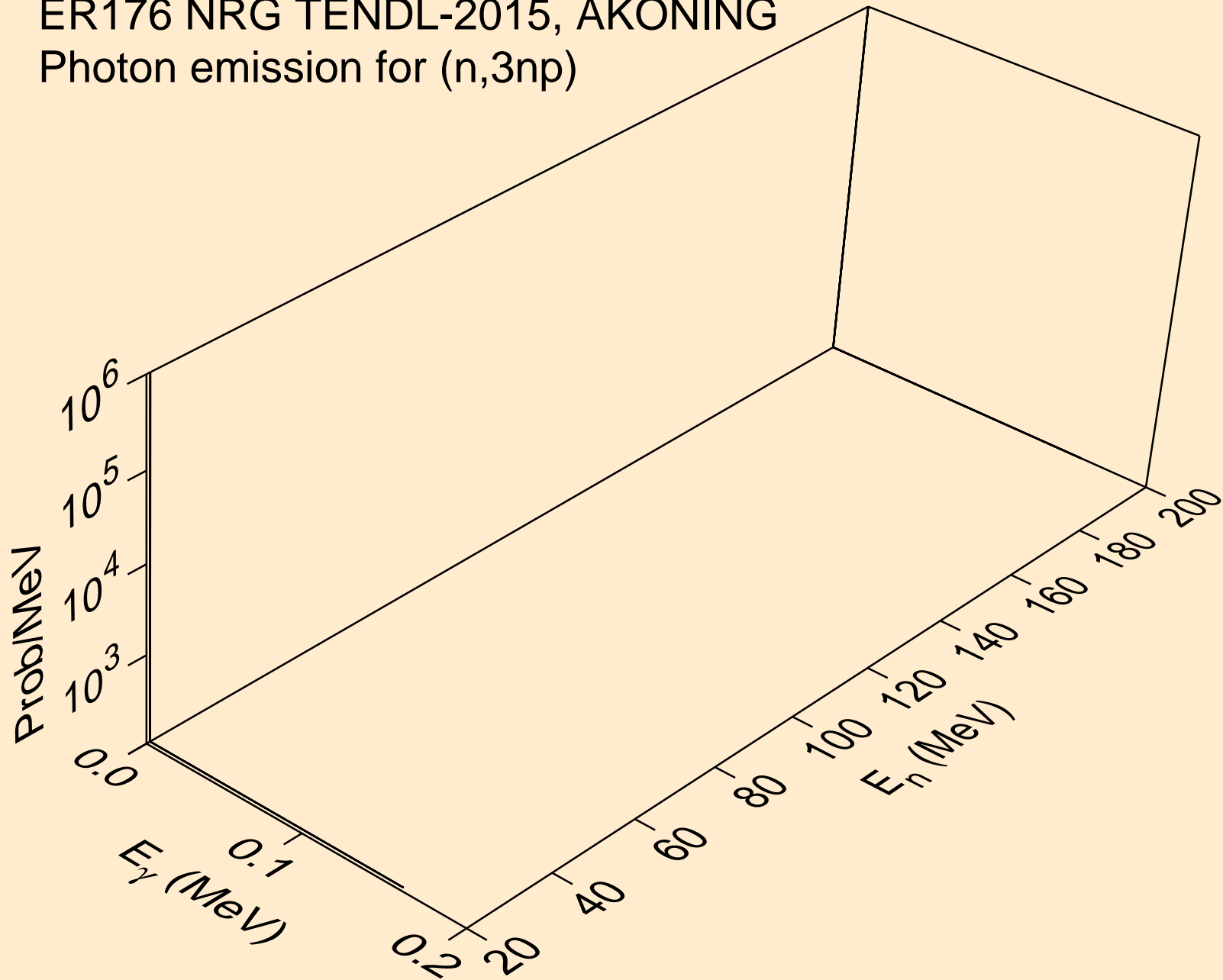


ER176 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

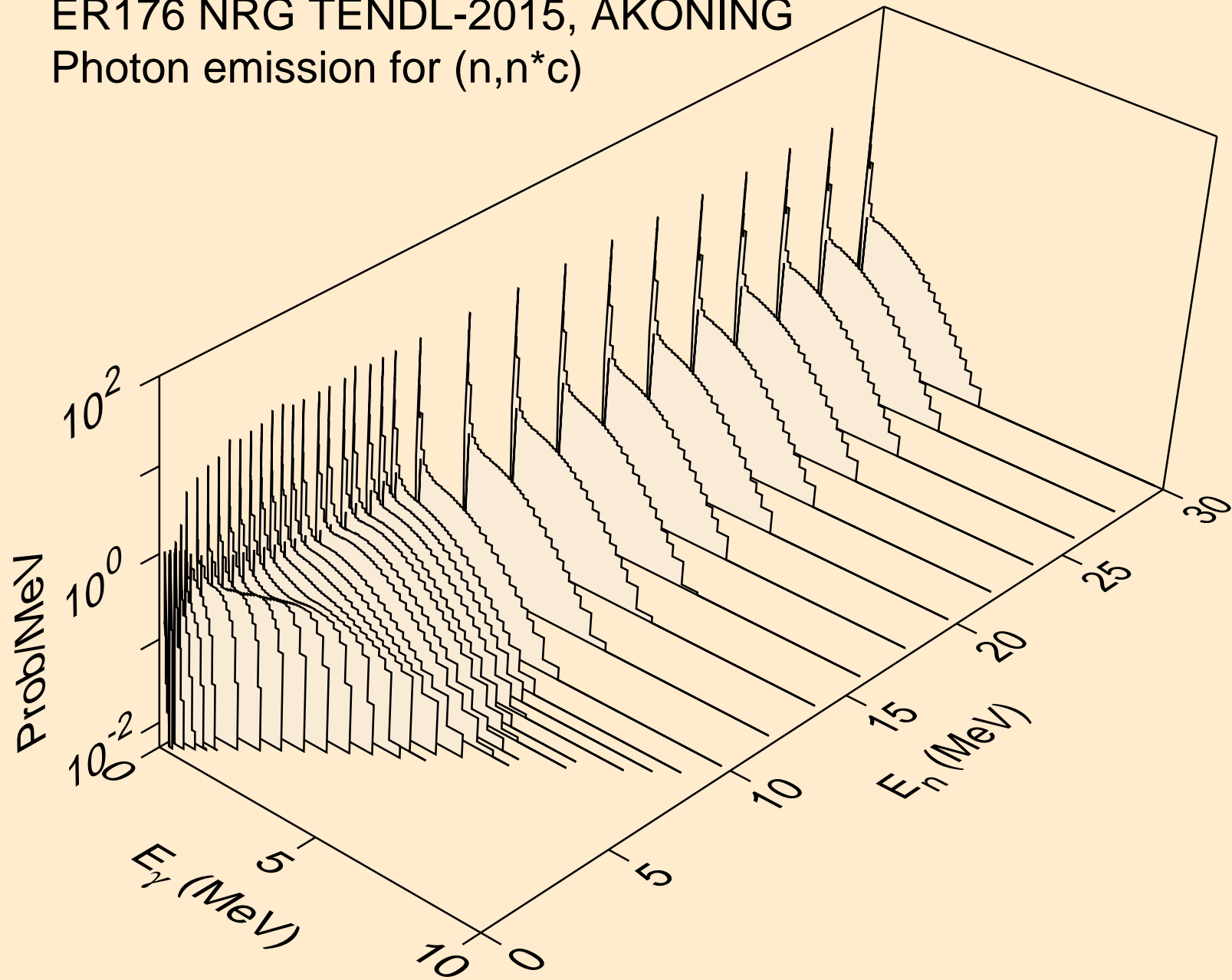




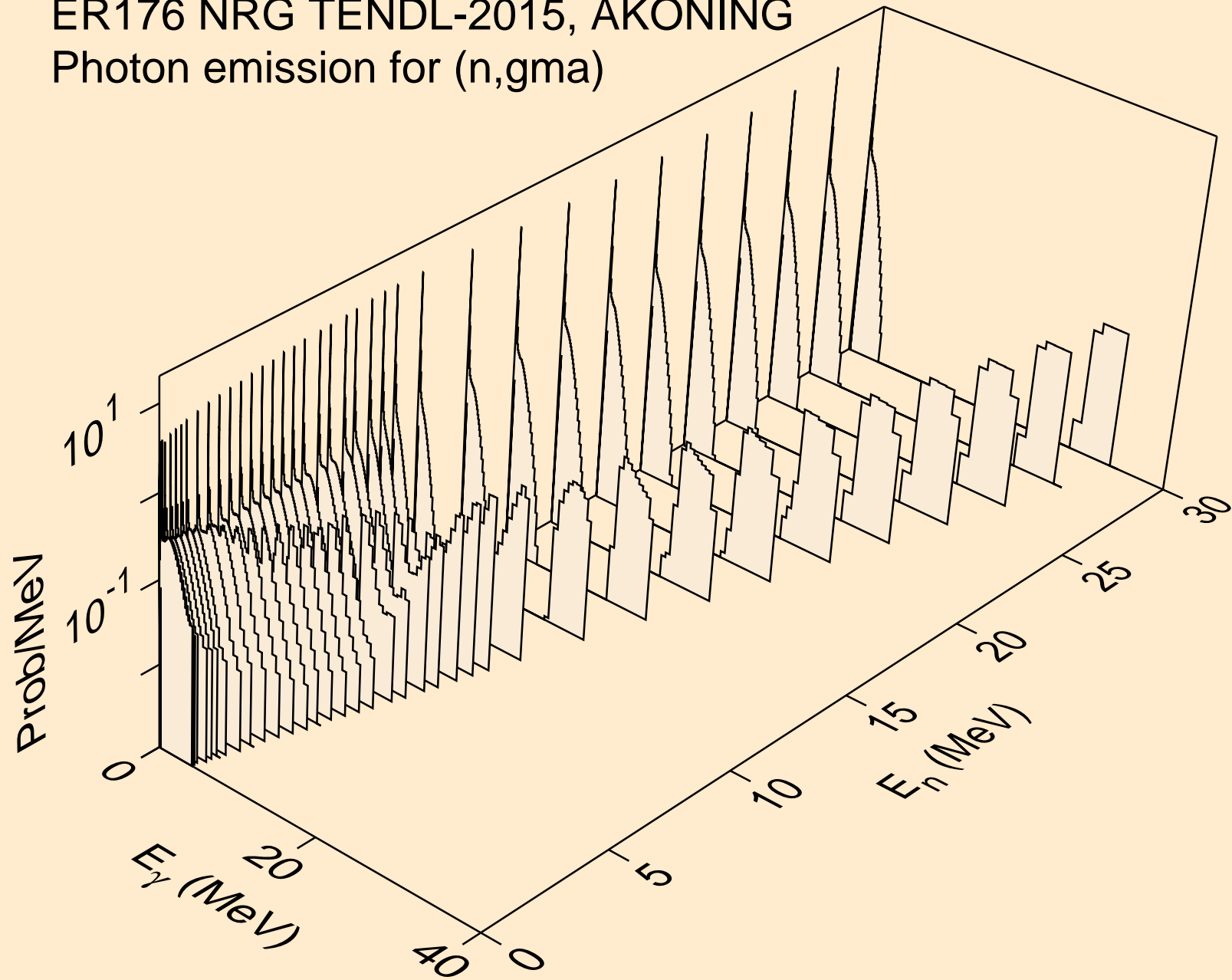
ER176 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



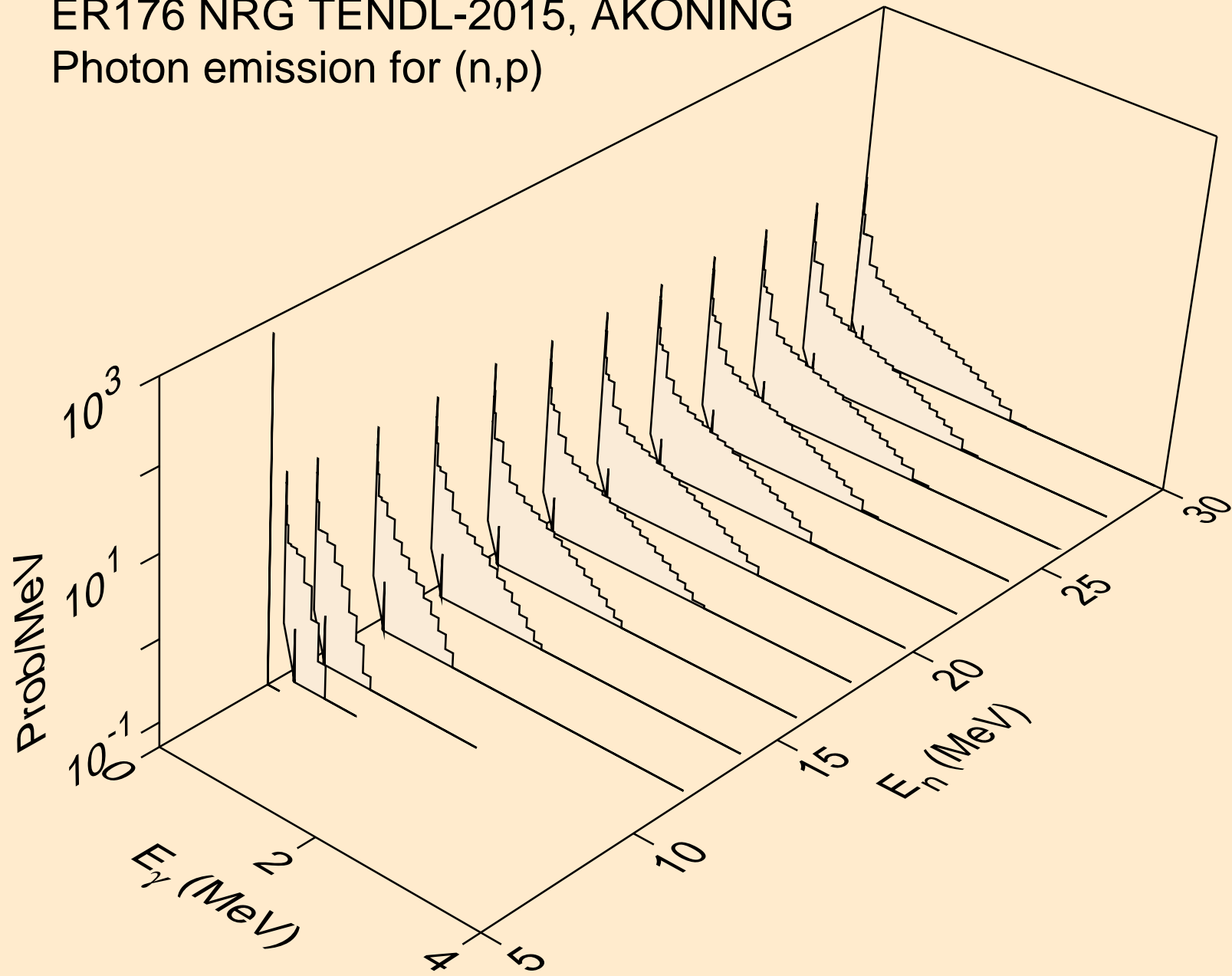
ER176 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



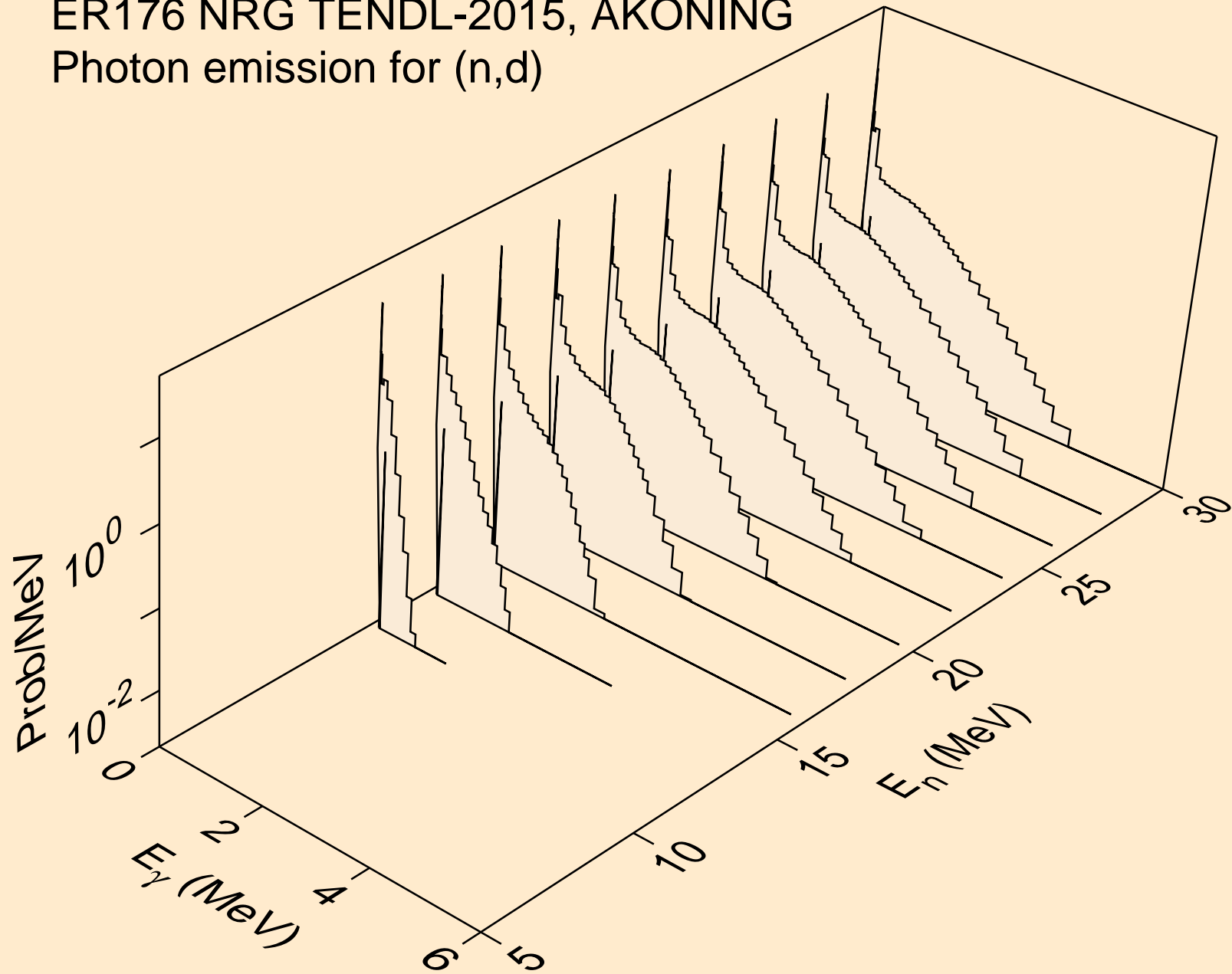
ER176 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



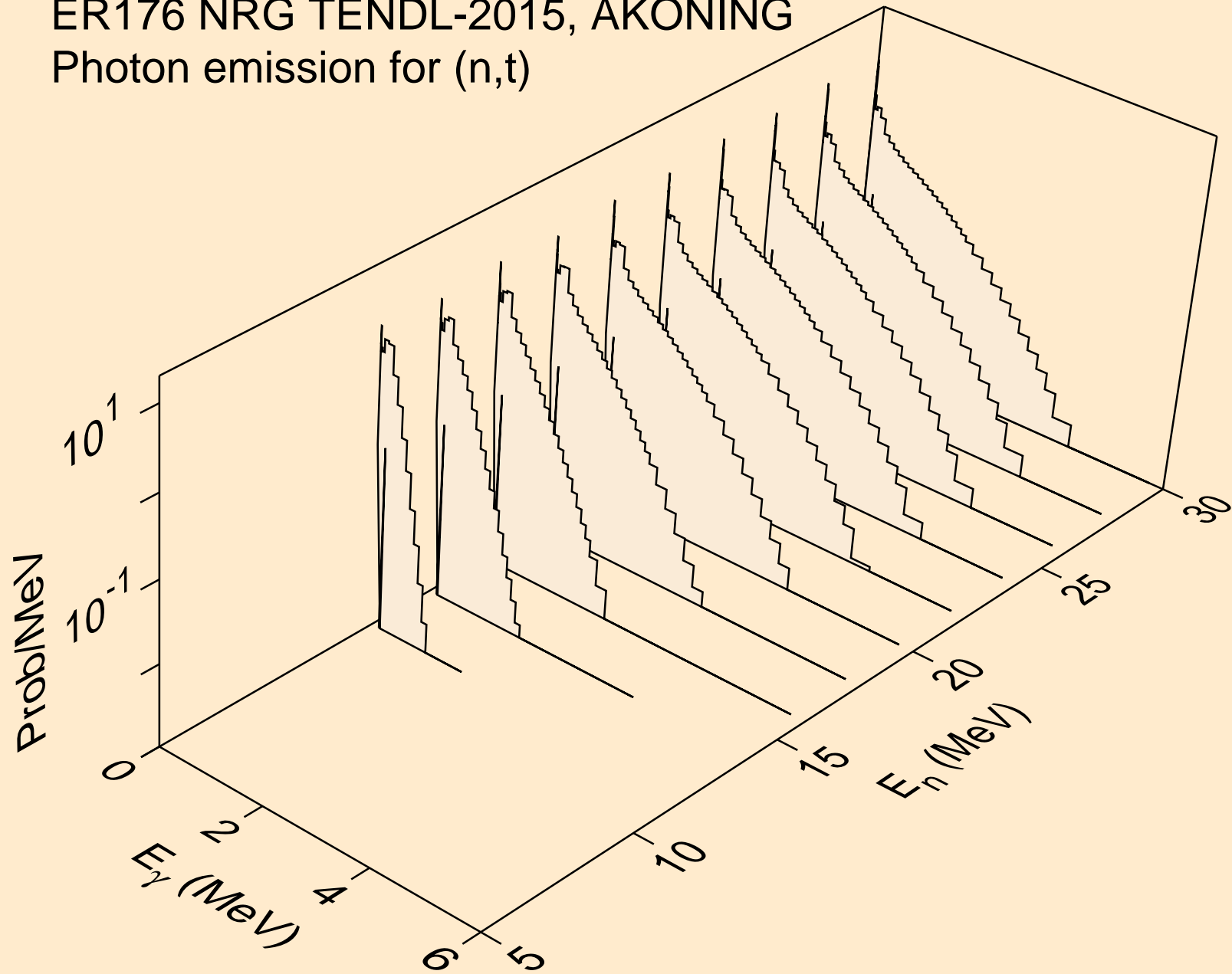
ER176 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



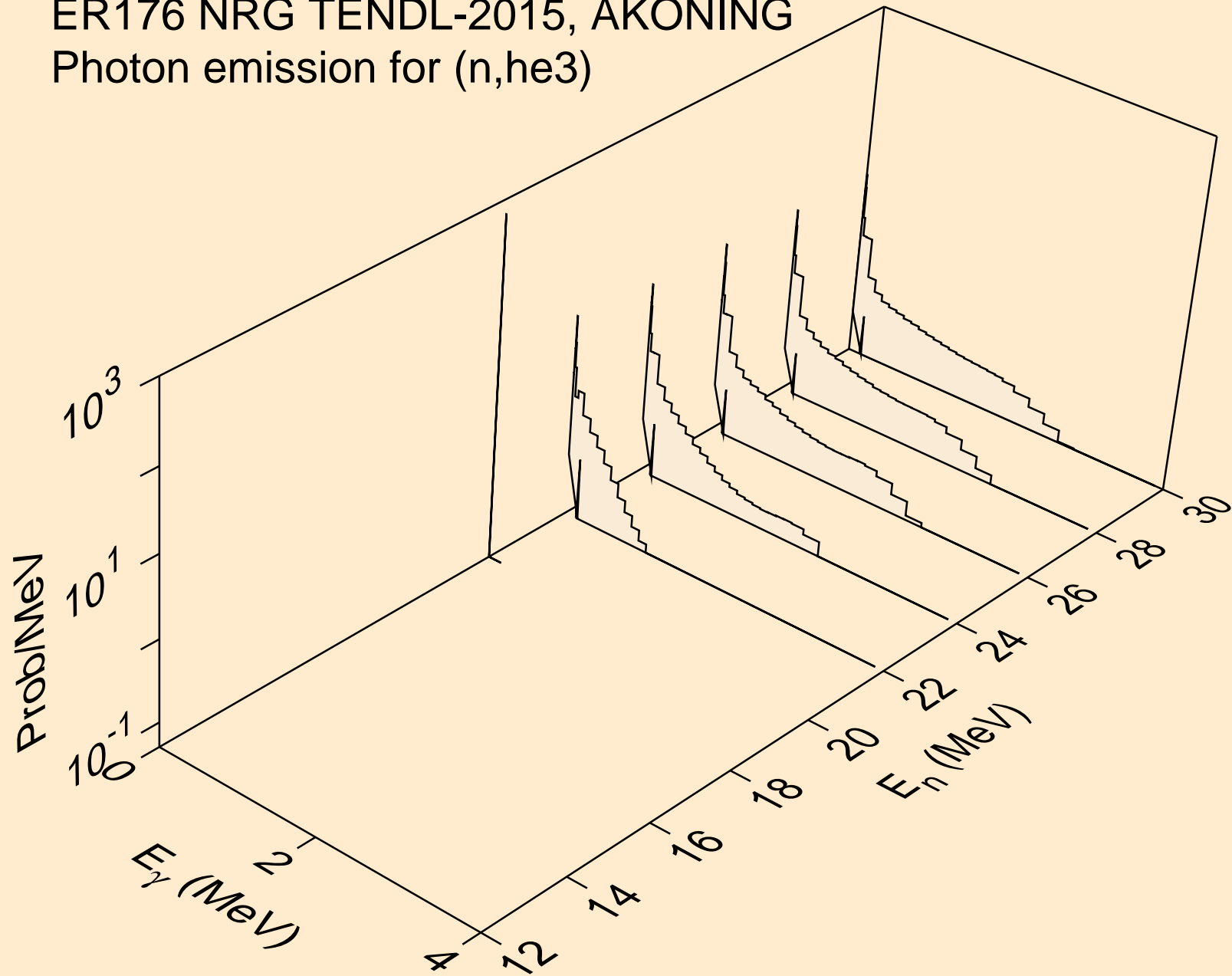
ER176 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



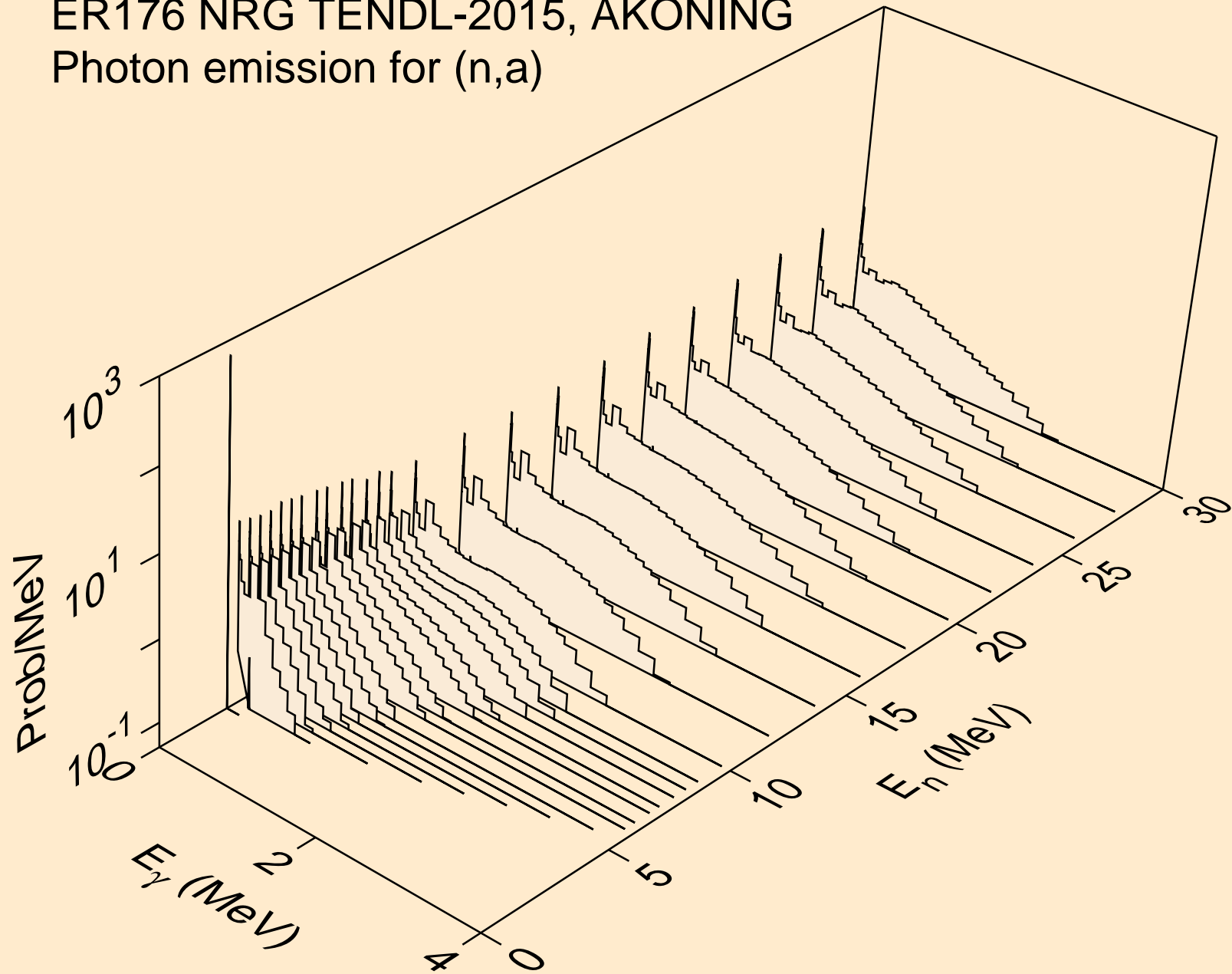
ER176 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



ER176 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

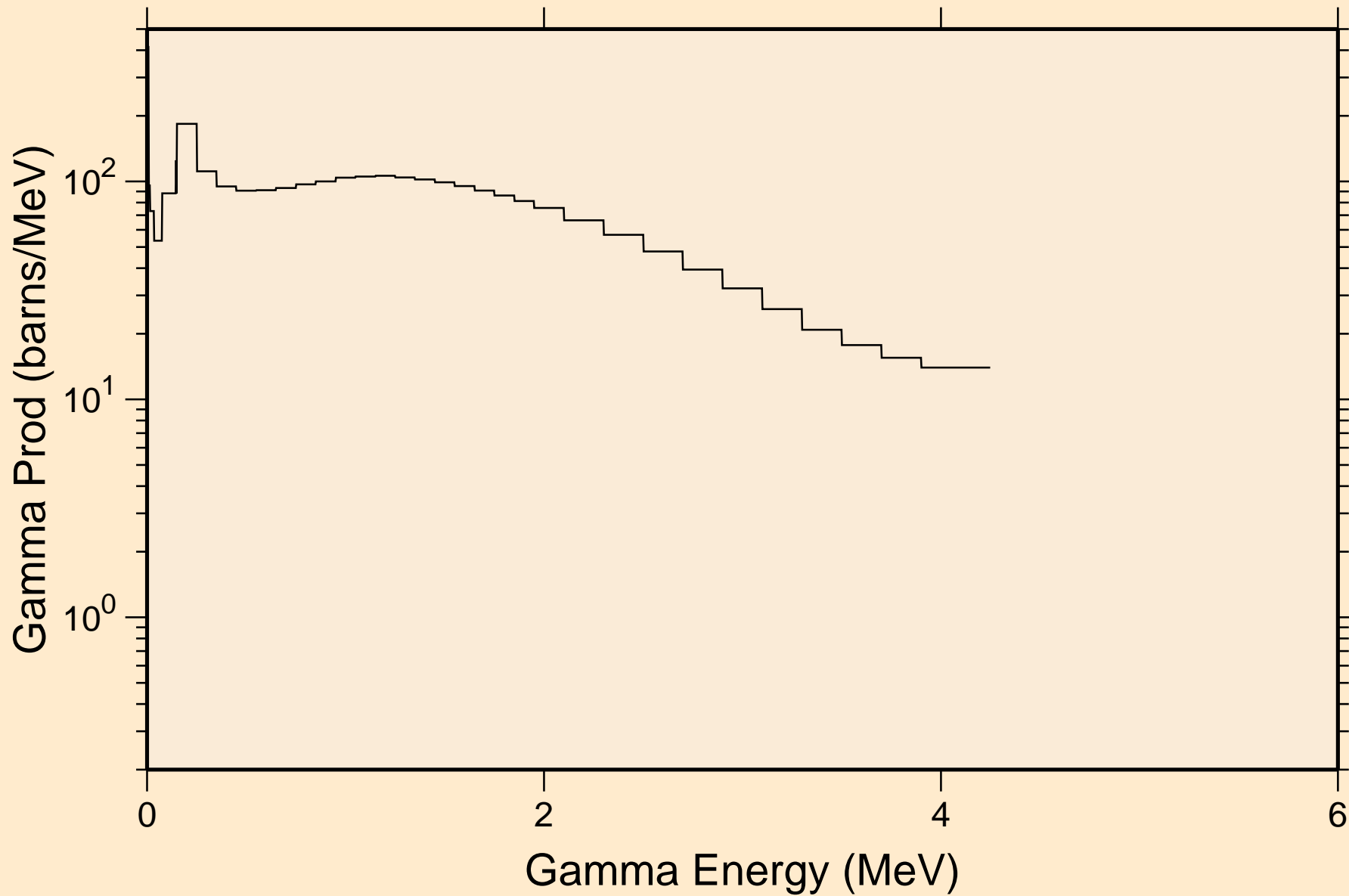


ER176 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



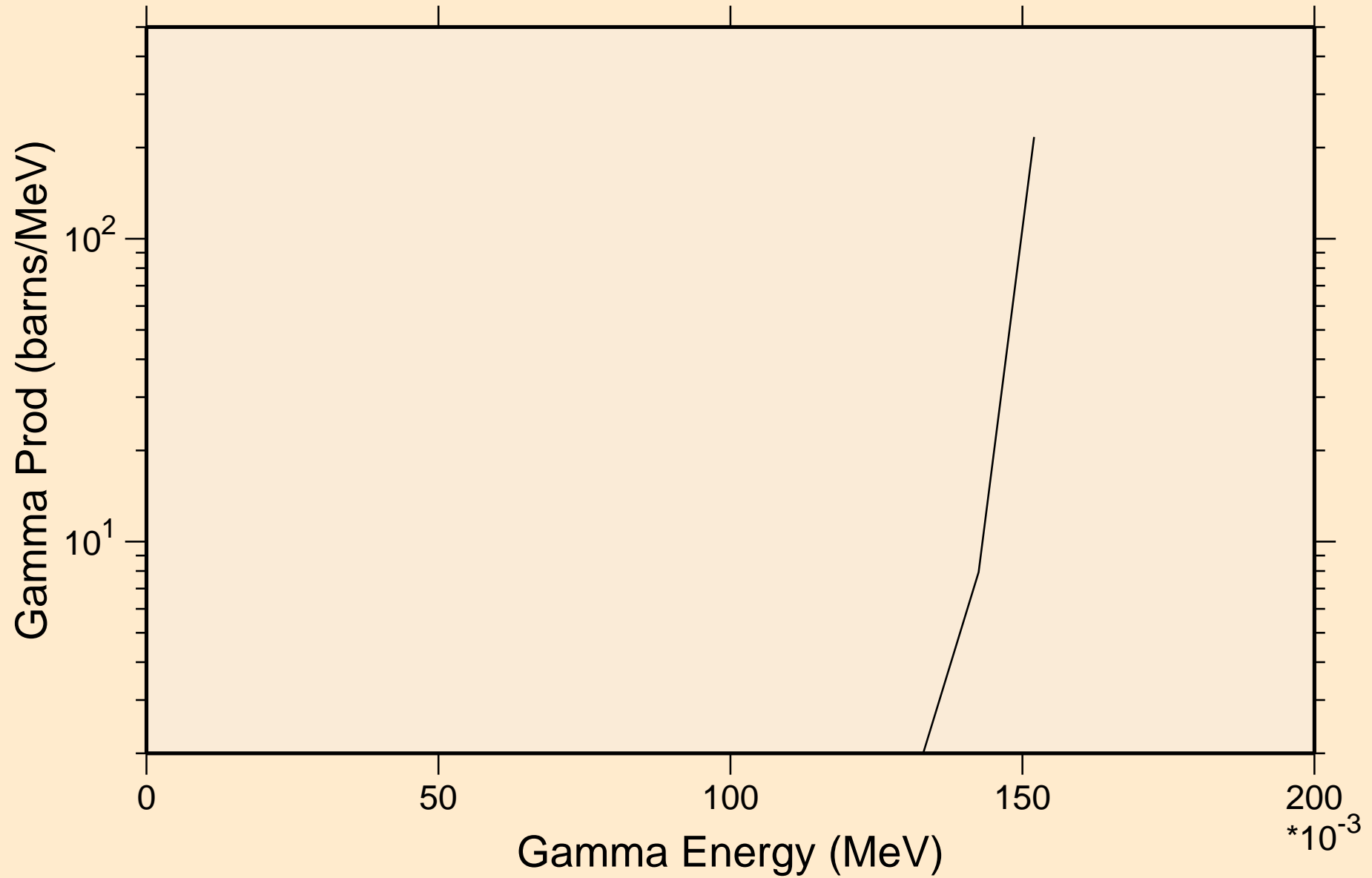


ER176 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



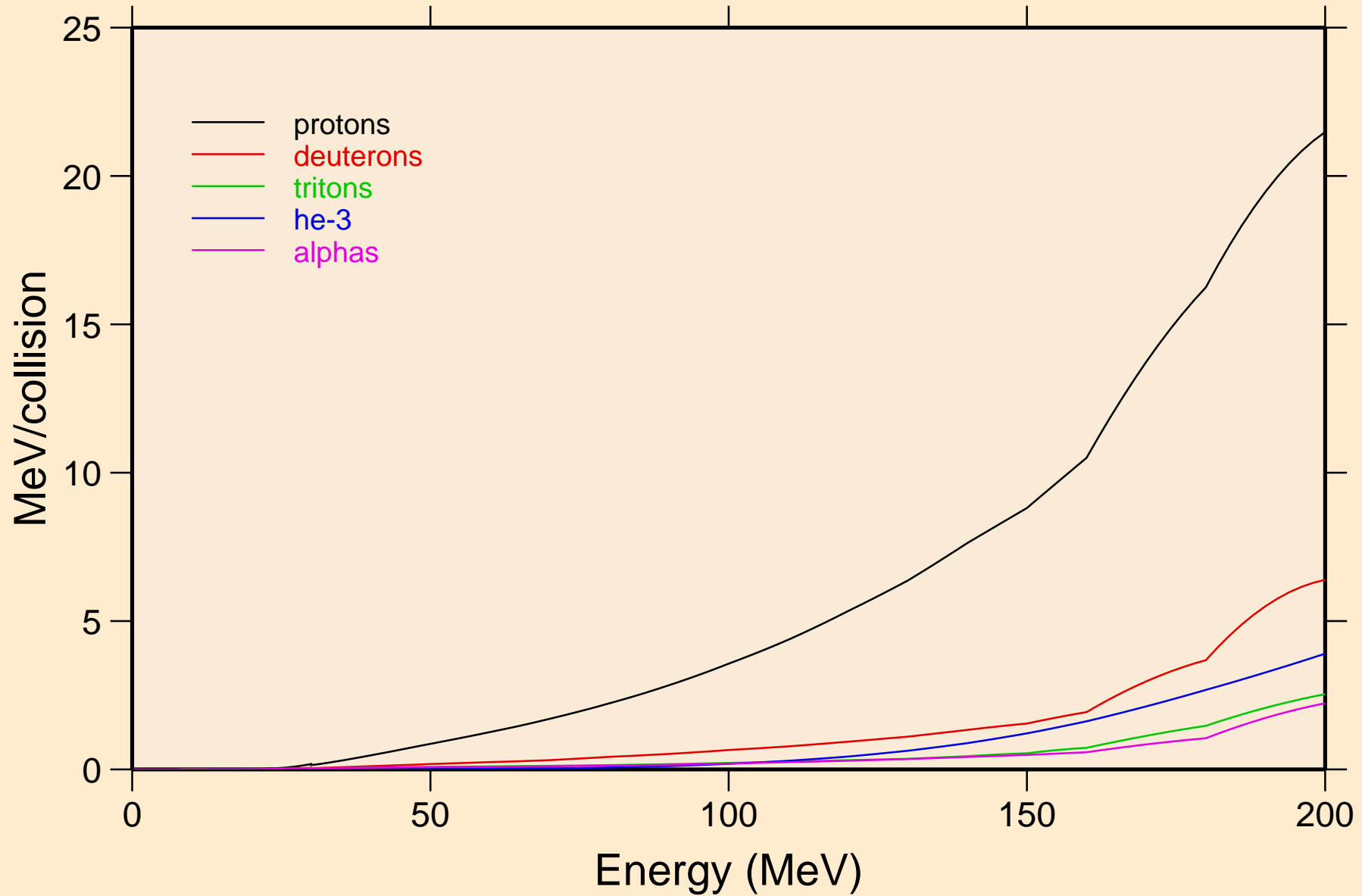
ER176 NRG TENDL-2015, AKONING

14 MeV photon spectrum



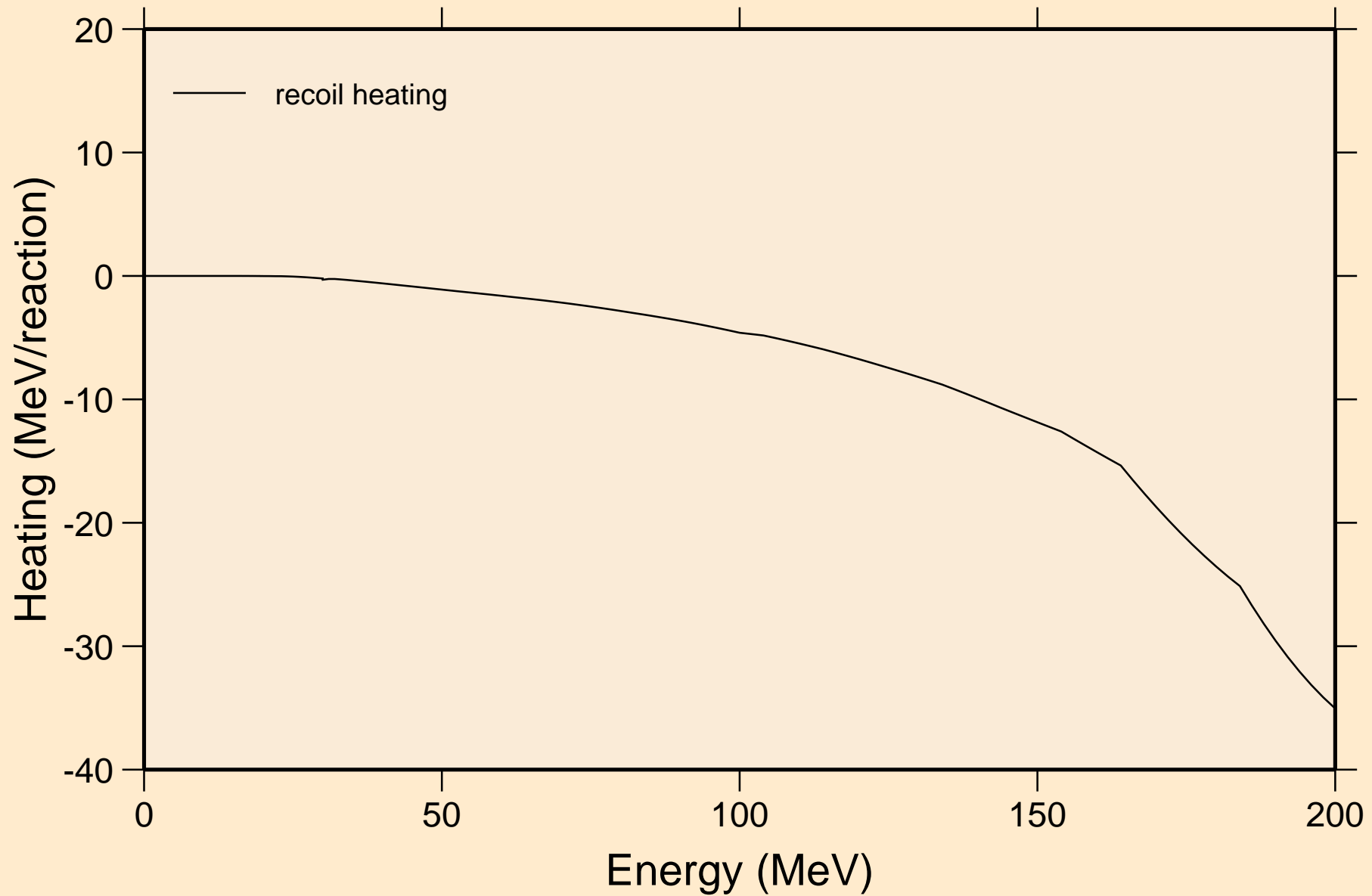
# ER176 NRG TENDL-2015, AKONING

## Particle heating contributions



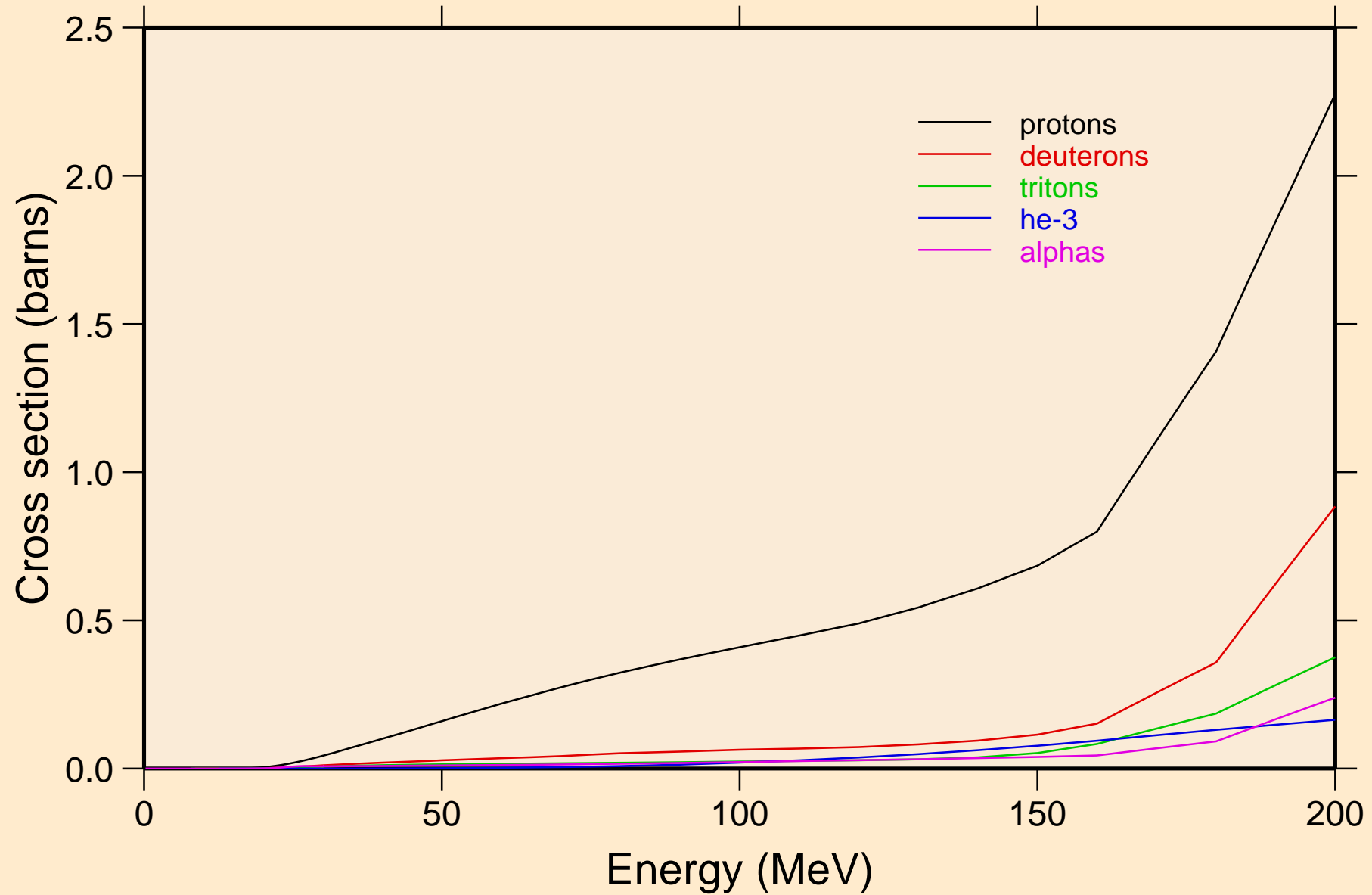
# ER176 NRG TENDL-2015, AKONING

## Recoil Heating

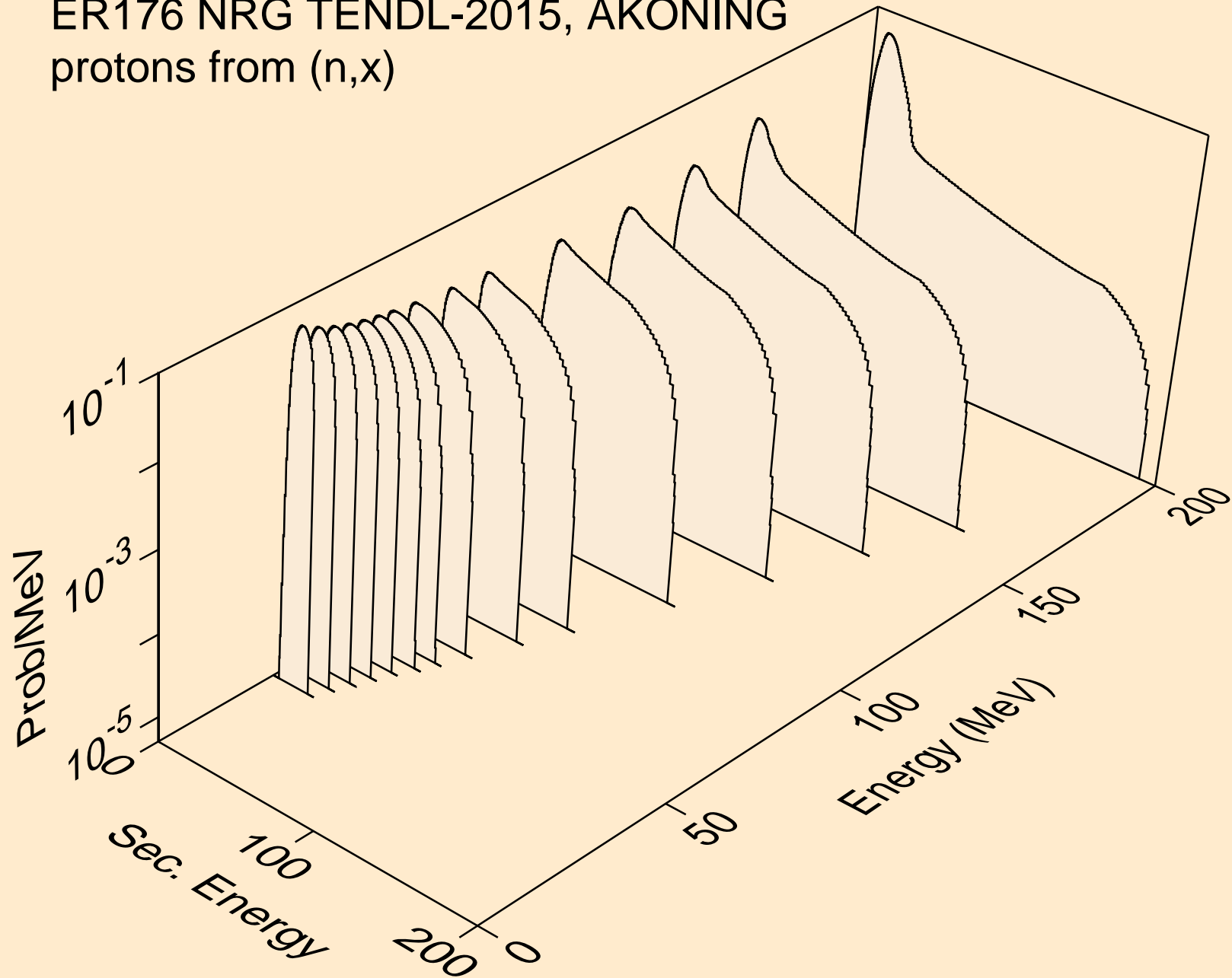


# ER176 NRG TENDL-2015, AKONING

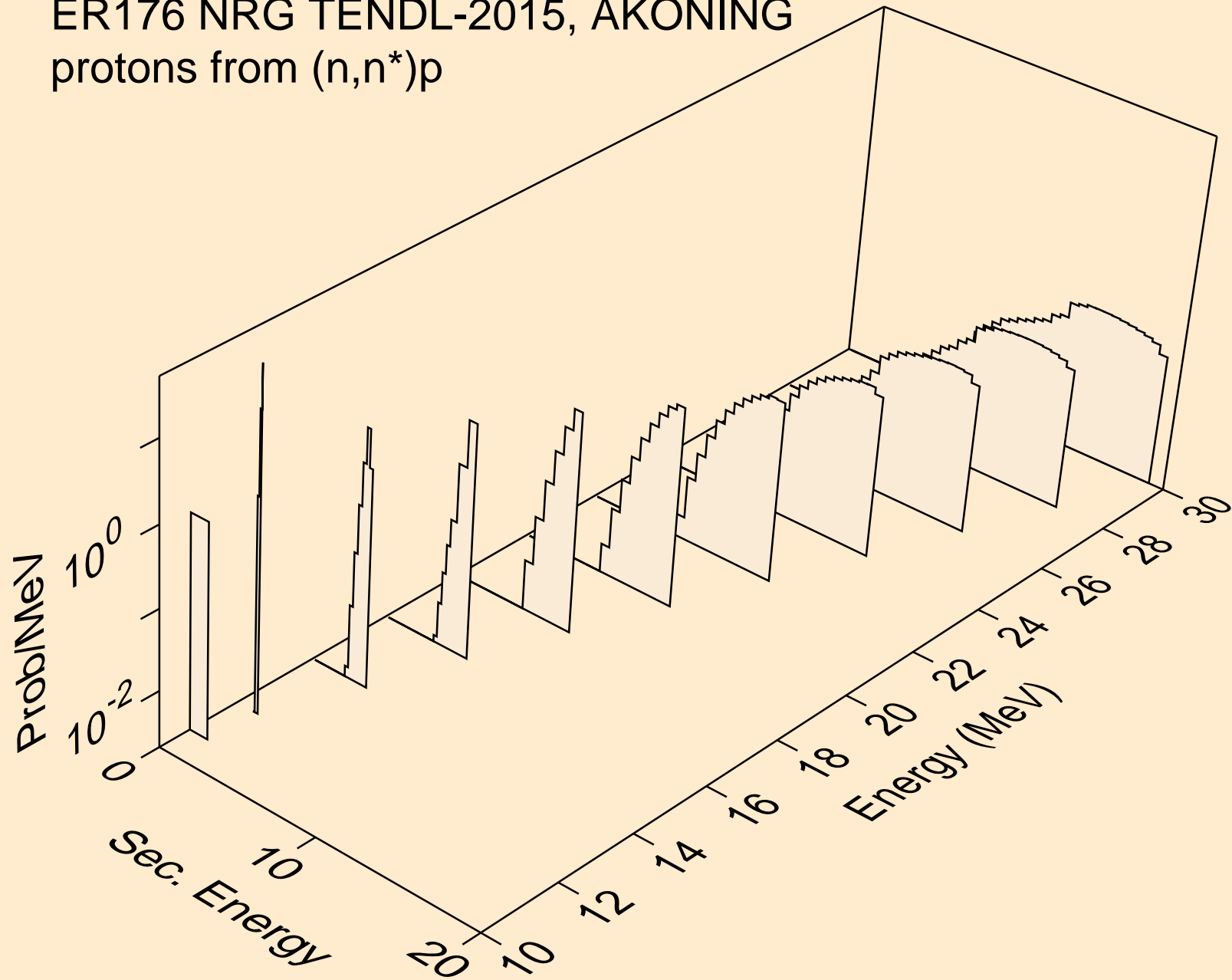
## Particle production cross sections



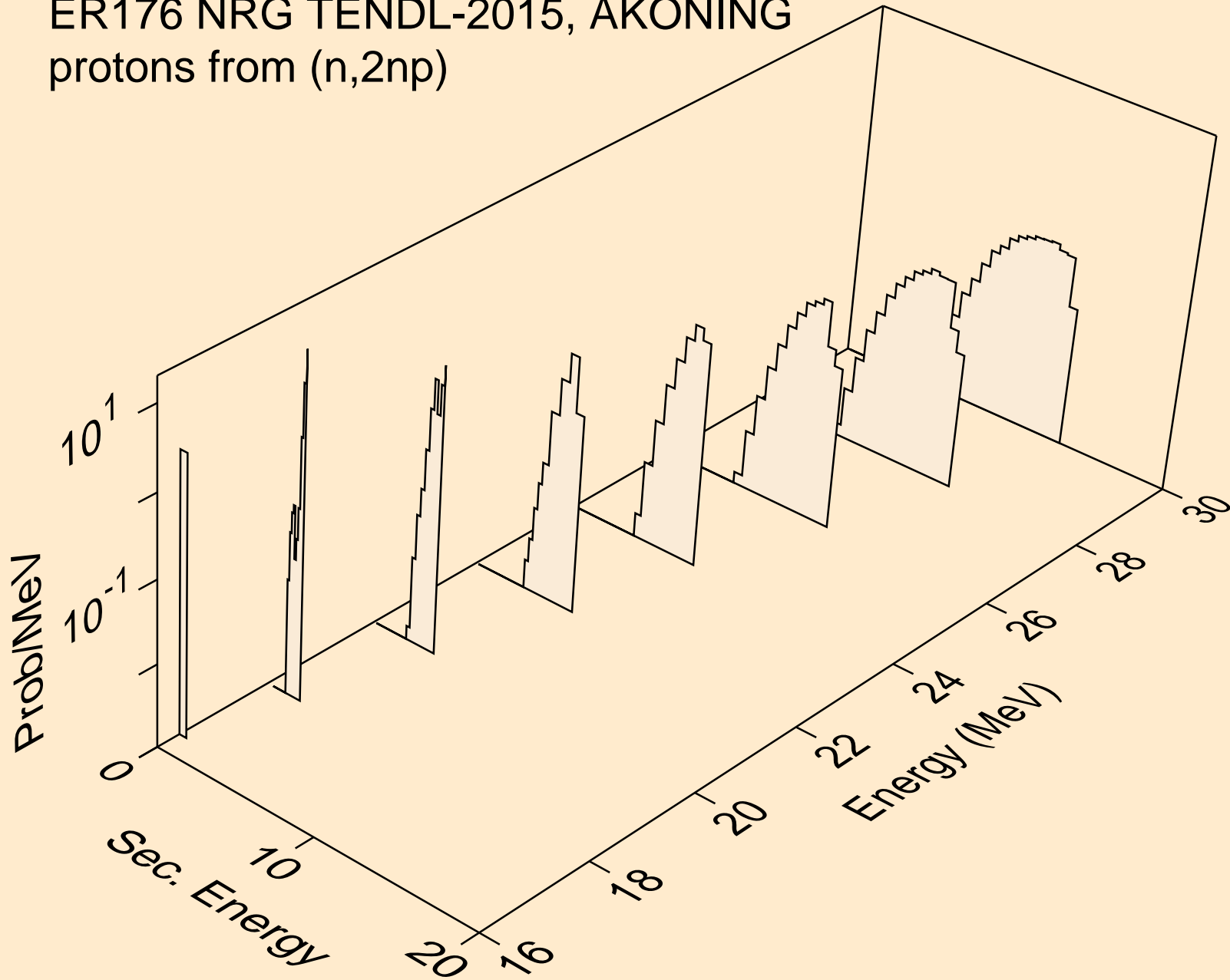
ER176 NRG TENDL-2015, AKONING  
protons from (n,x)



ER176 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

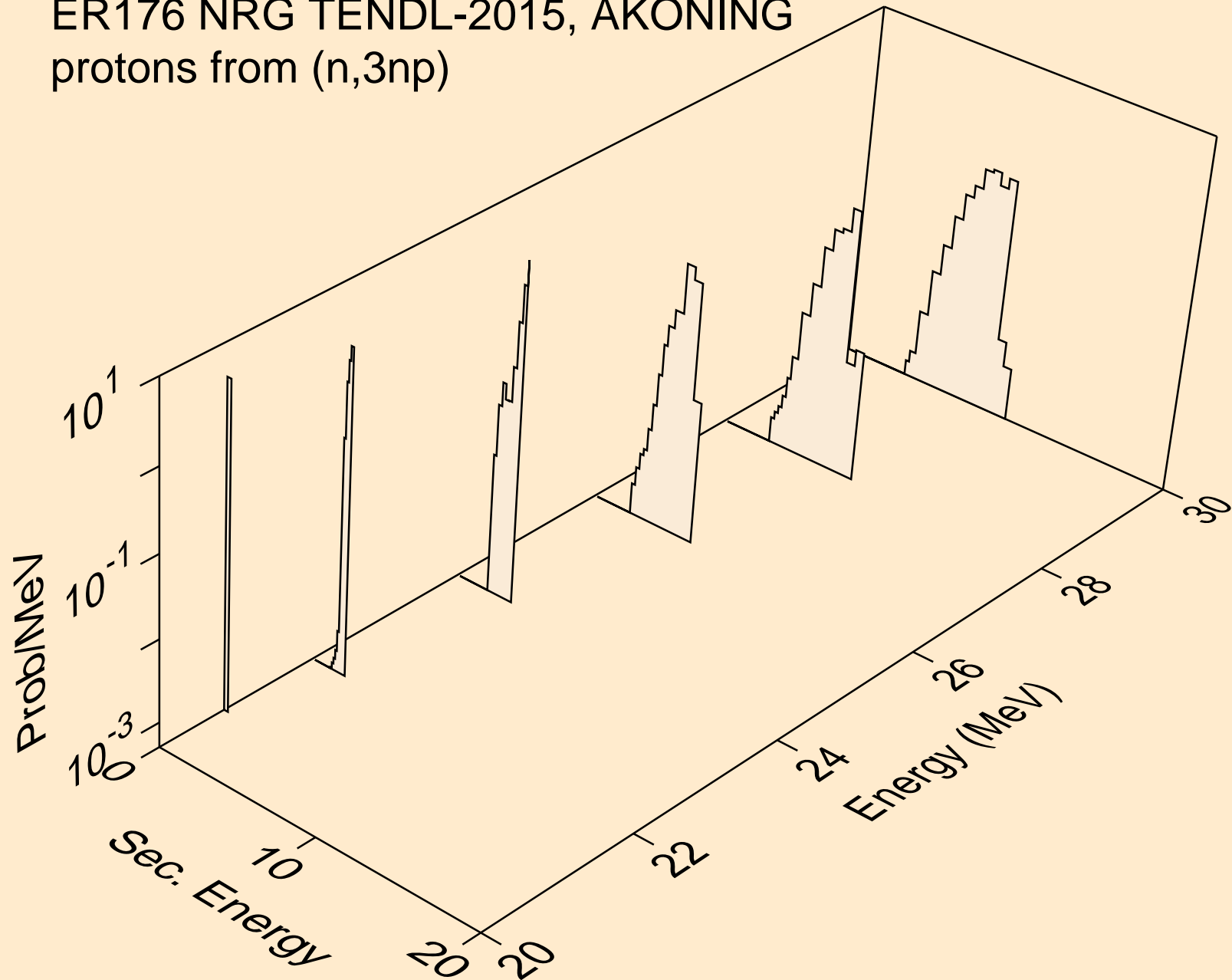


ER176 NRG TENDL-2015, AKONING  
protons from (n,2np)

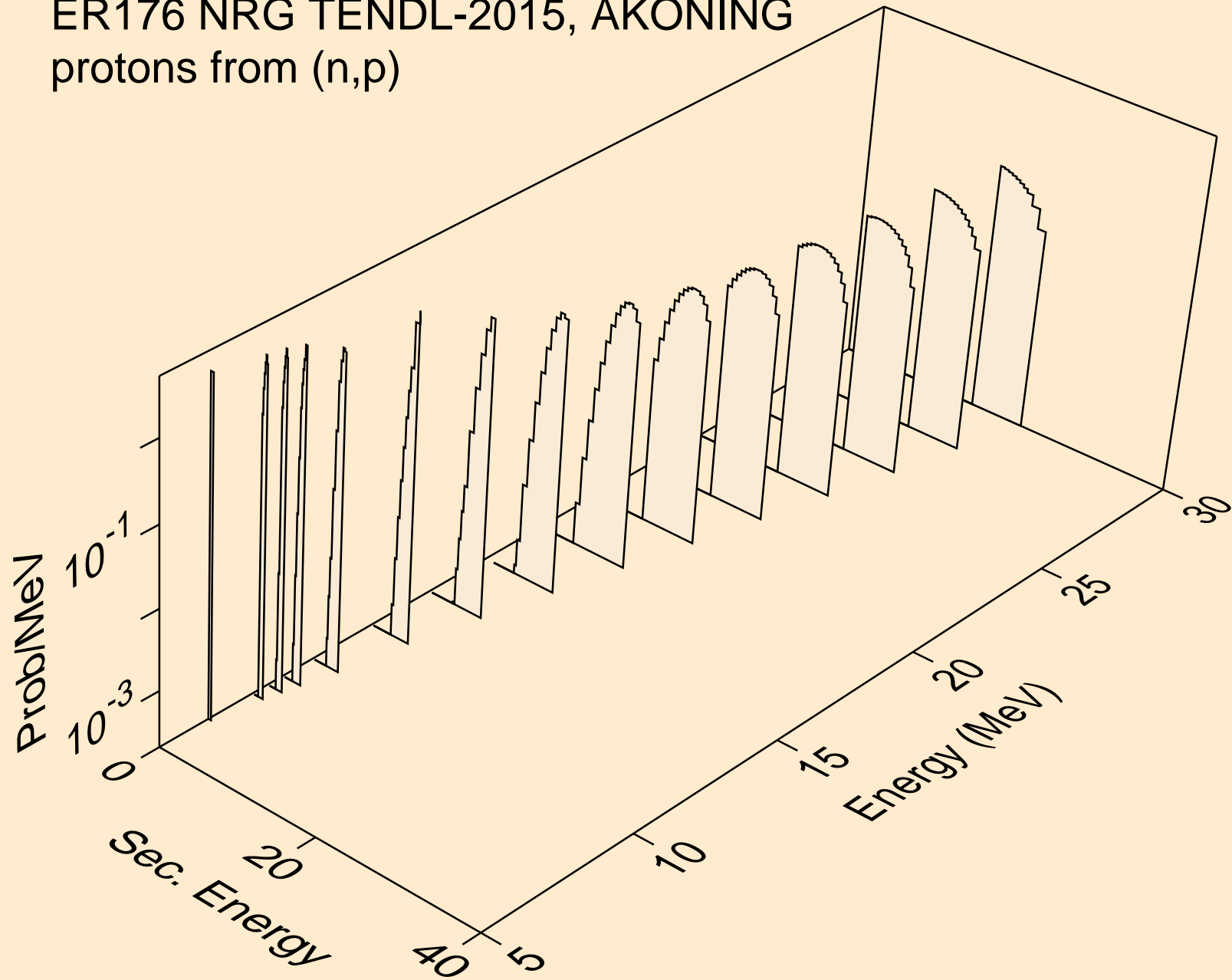




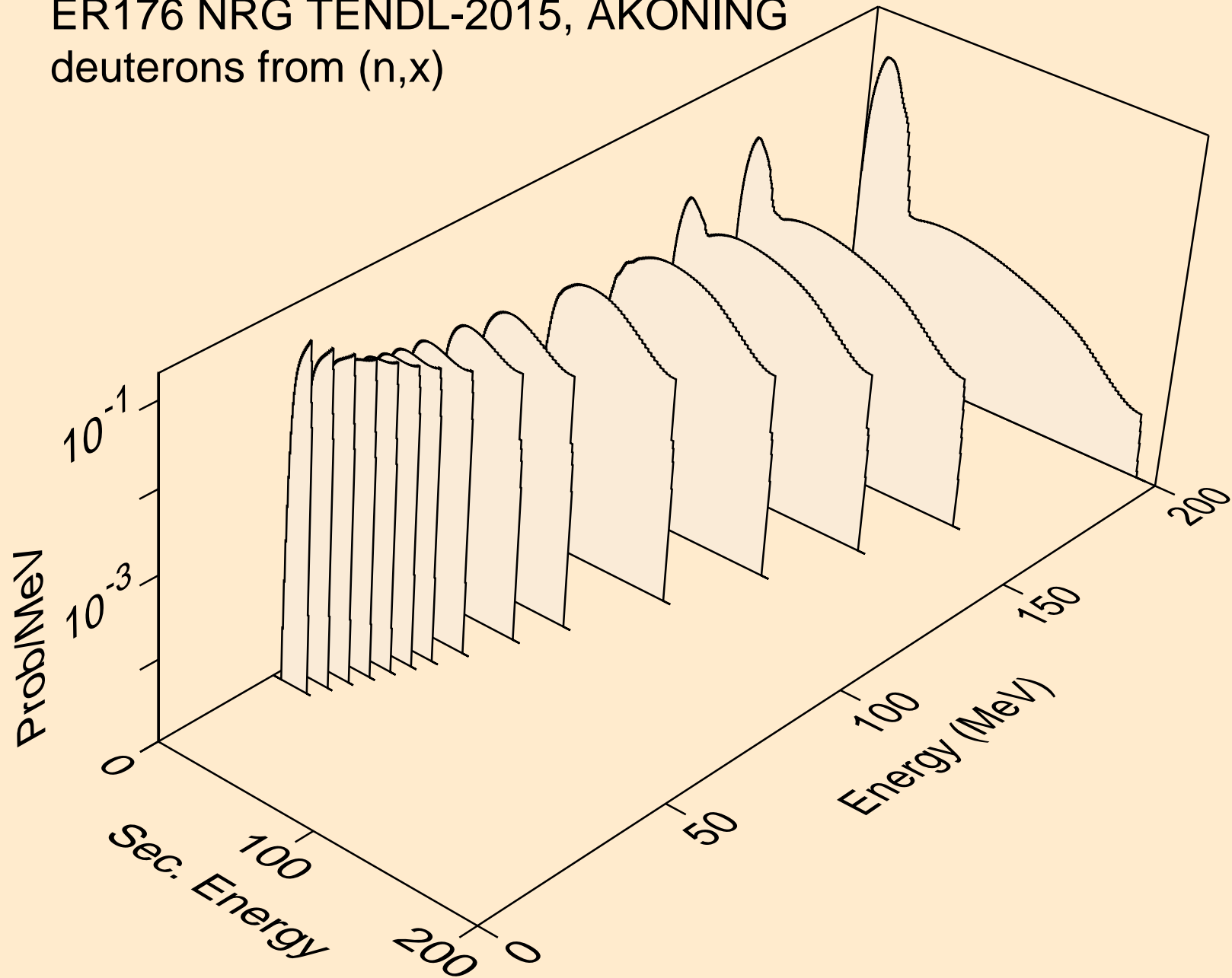
ER176 NRG TENDL-2015, AKONING  
protons from (n,3np)



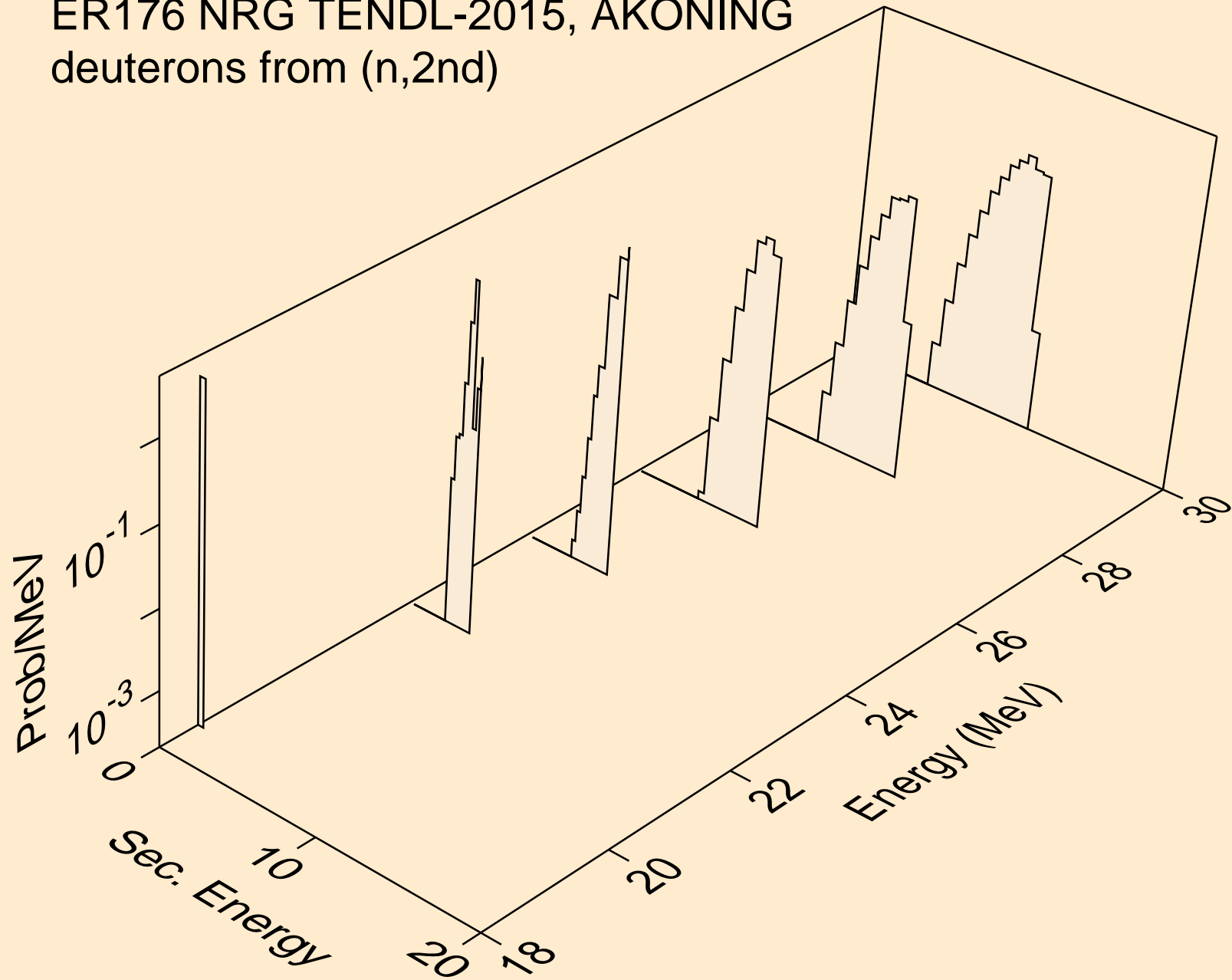
ER176 NRG TENDL-2015, AKONING  
protons from (n,p)



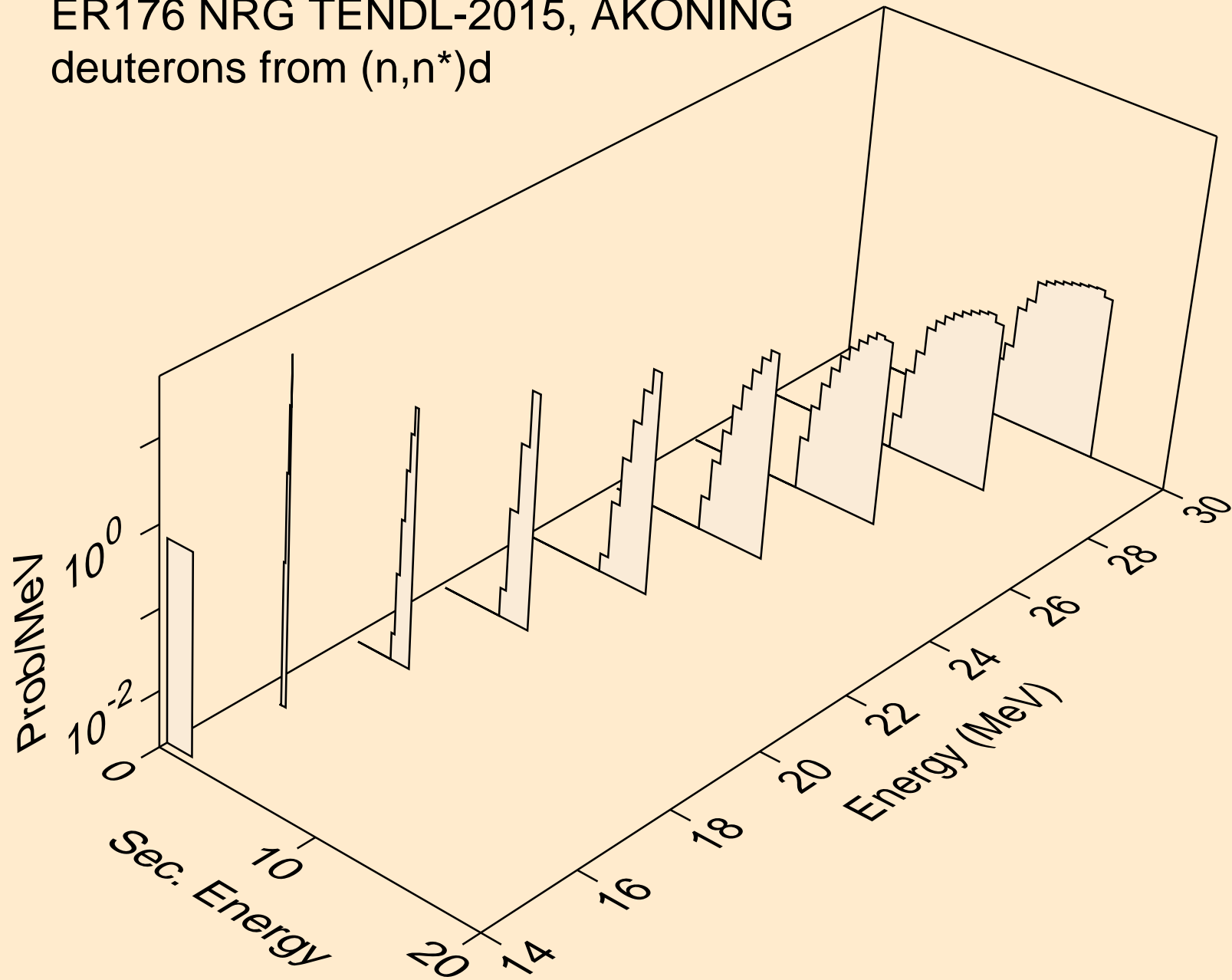
ER176 NRG TENDL-2015, AKONING  
deuterons from (n,x)



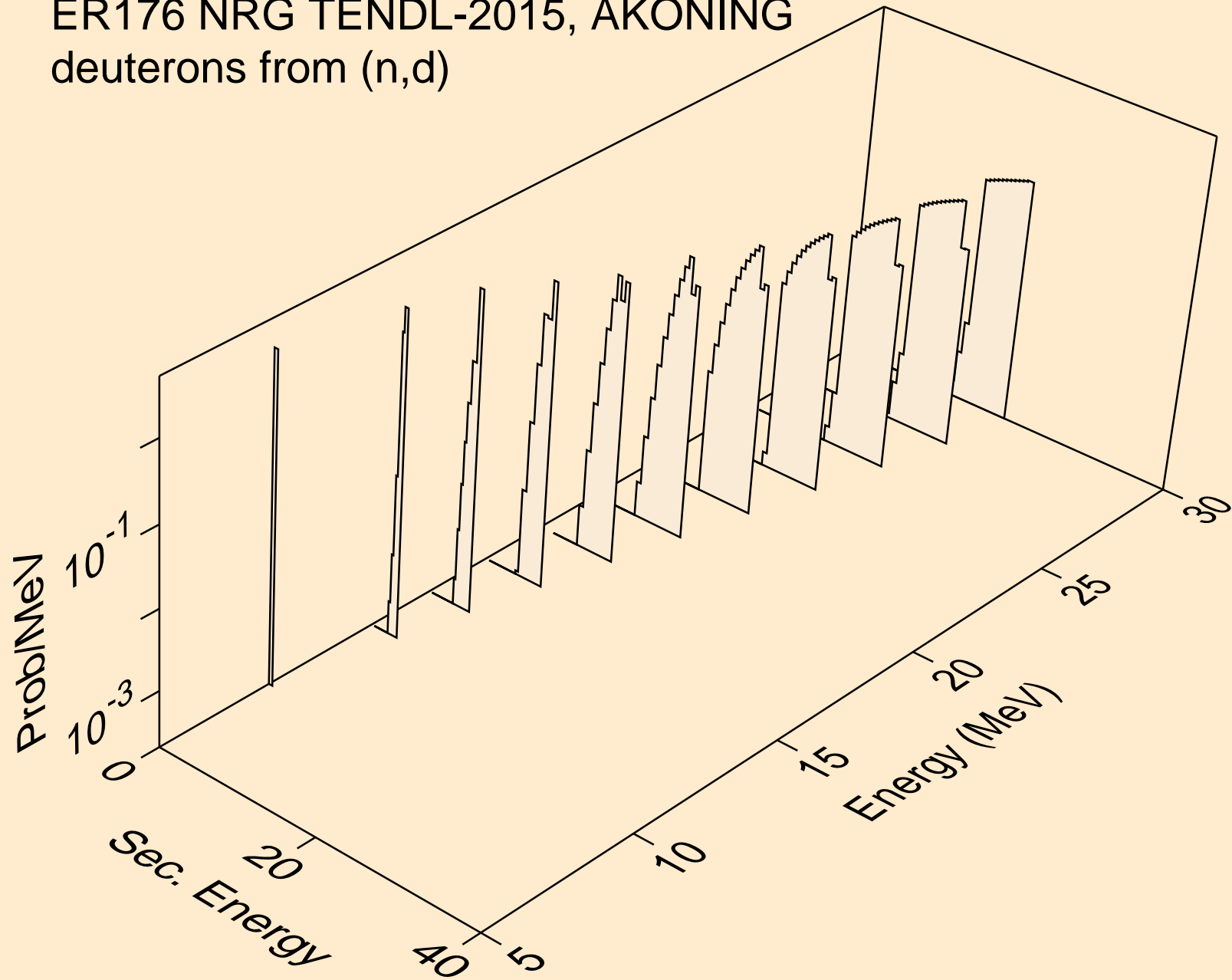
ER176 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



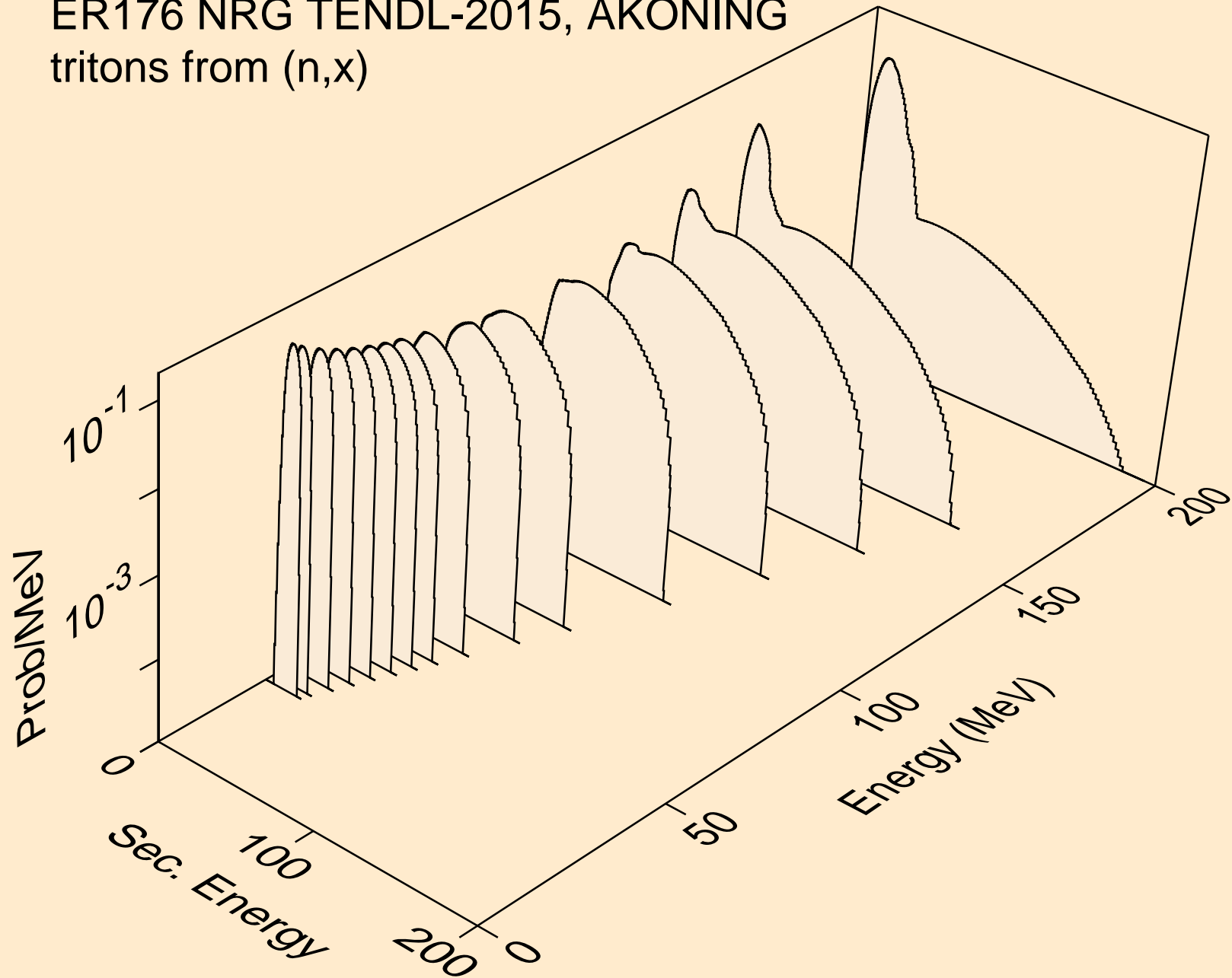
ER176 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



ER176 NRG TENDL-2015, AKONING  
deuterons from (n,d)

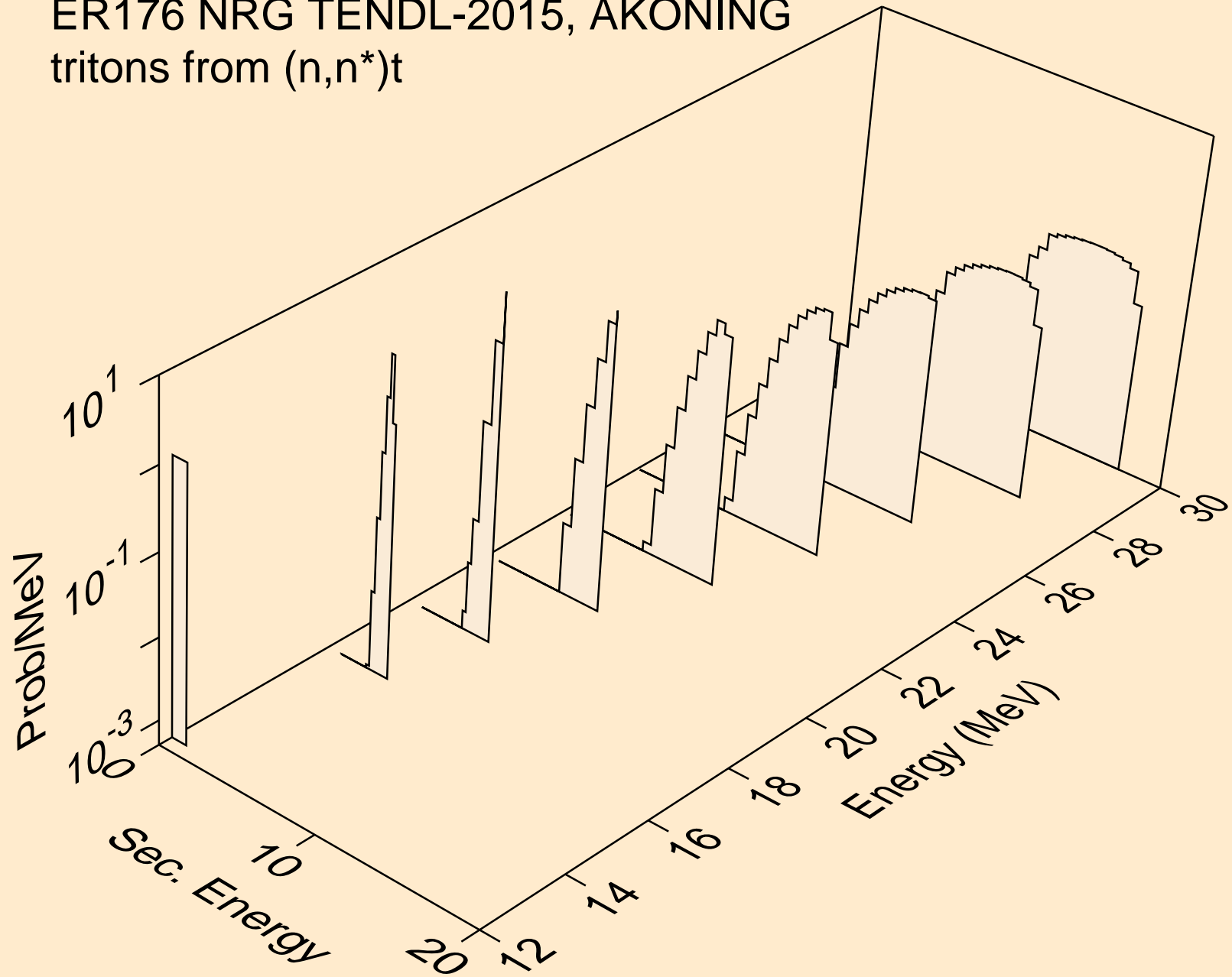


ER176 NRG TENDL-2015, AKONING  
tritons from (n,x)



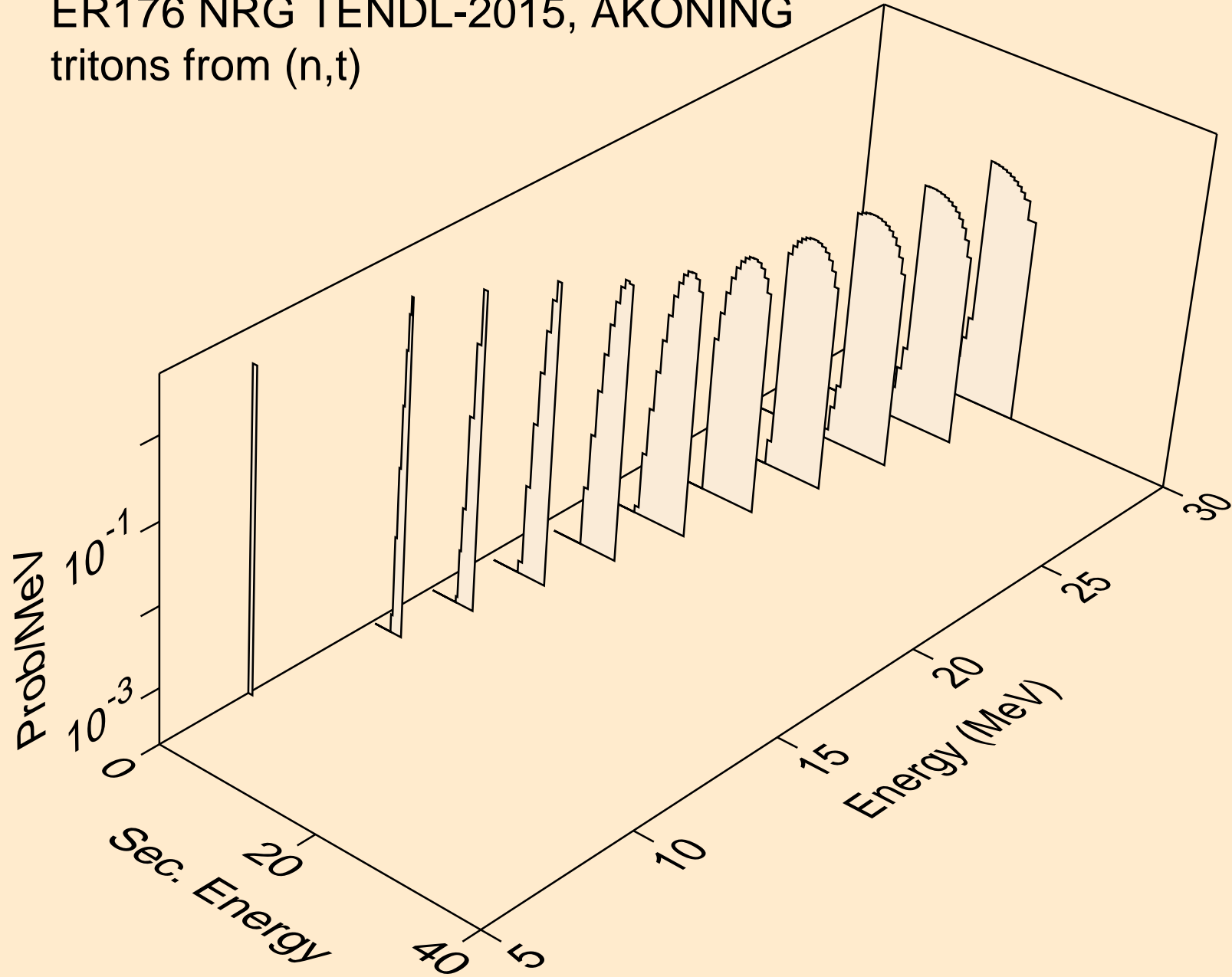
# ER176 NRG TENDL-2015, AKONING

tritons from (n,n\*)t

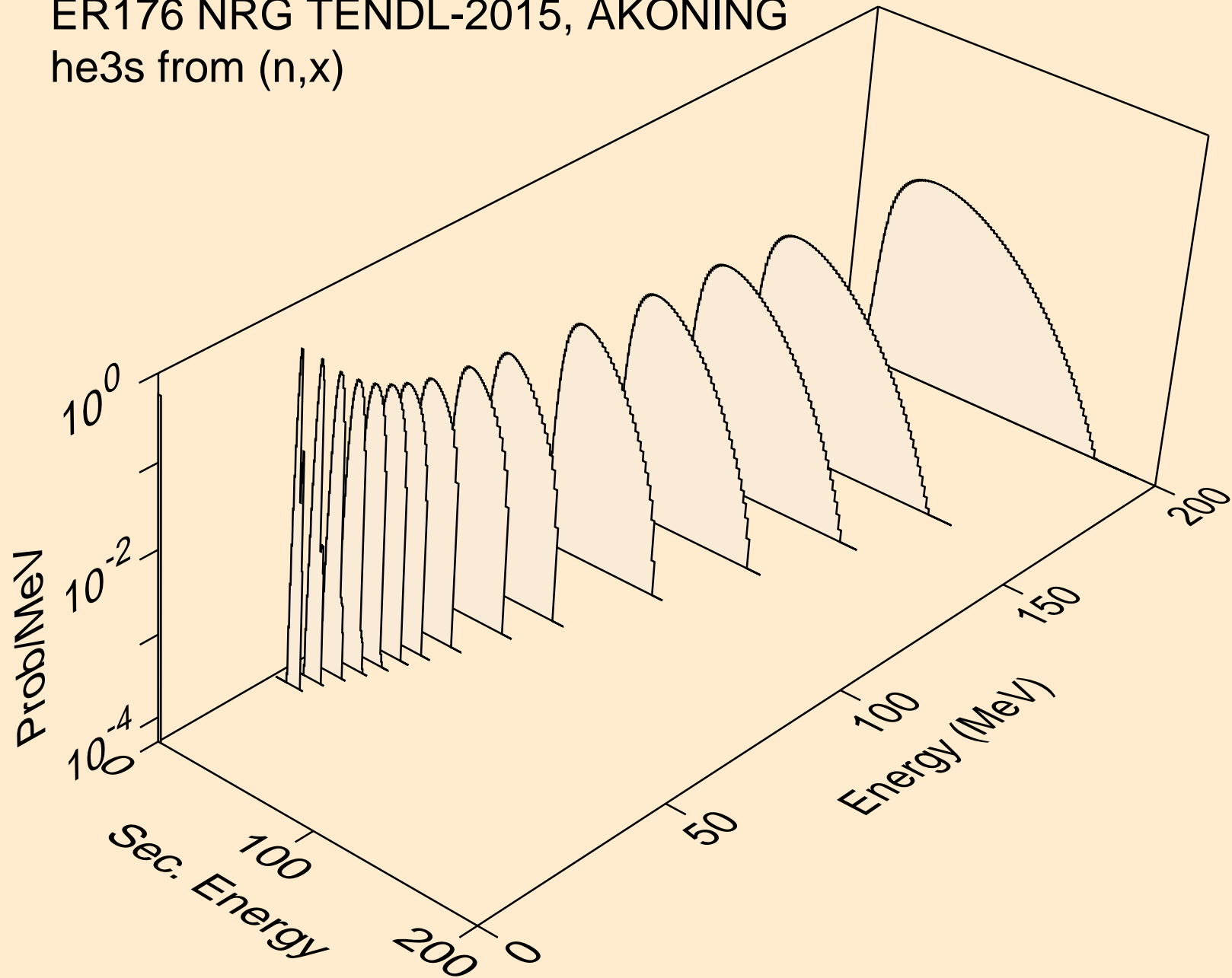




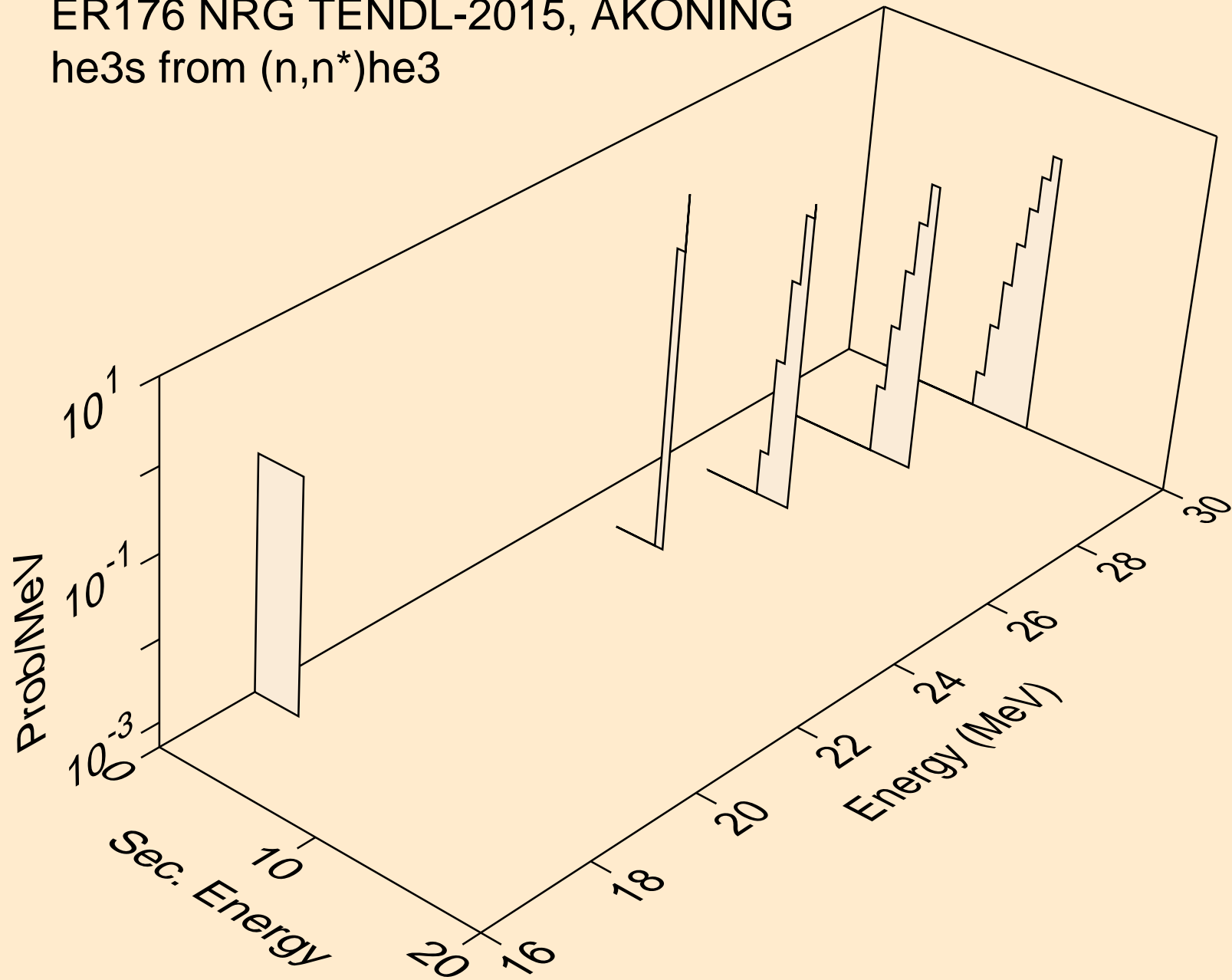
ER176 NRG TENDL-2015, AKONING  
tritons from (n,t)



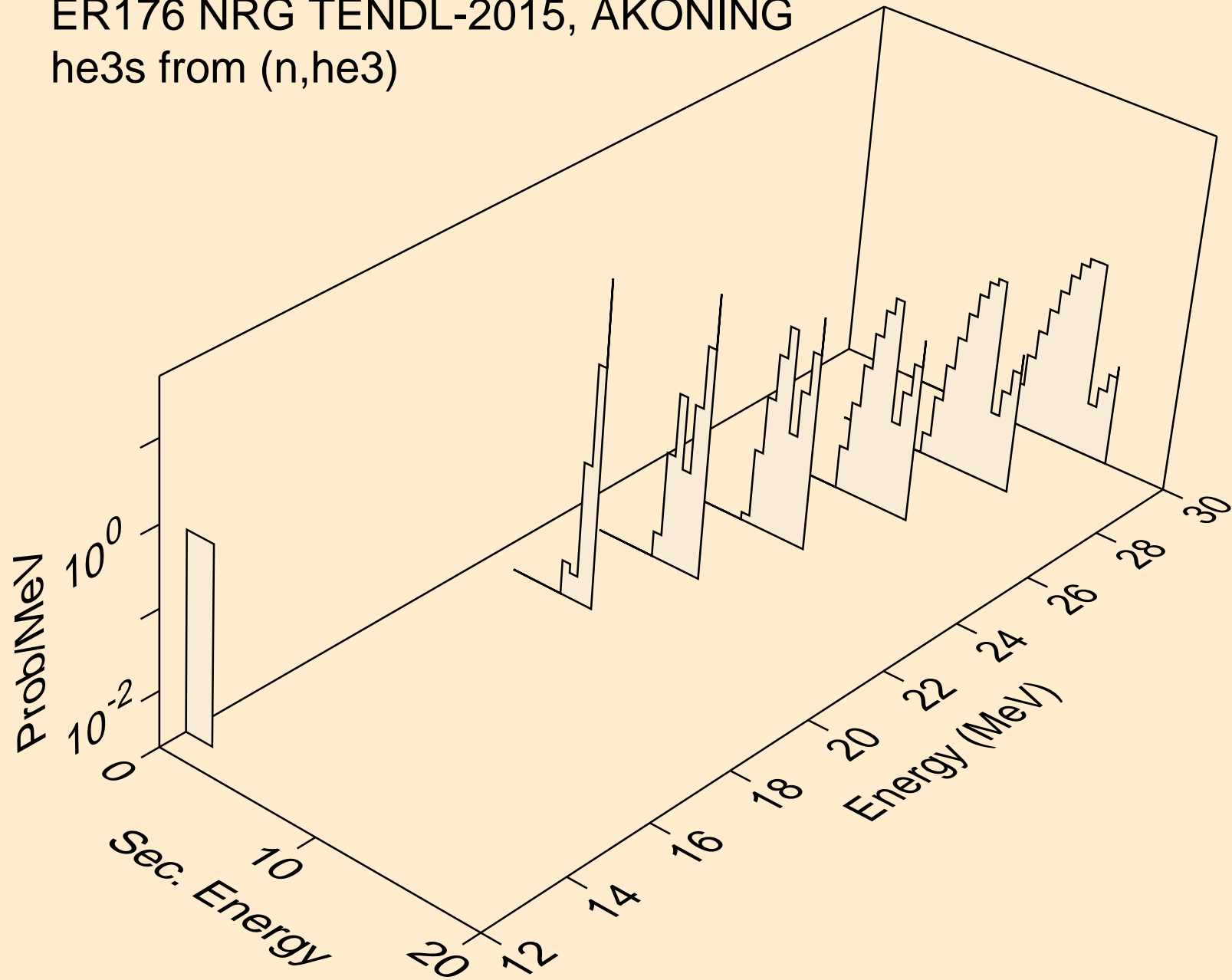
ER176 NRG TENDL-2015, AKONING  
he3s from (n,x)



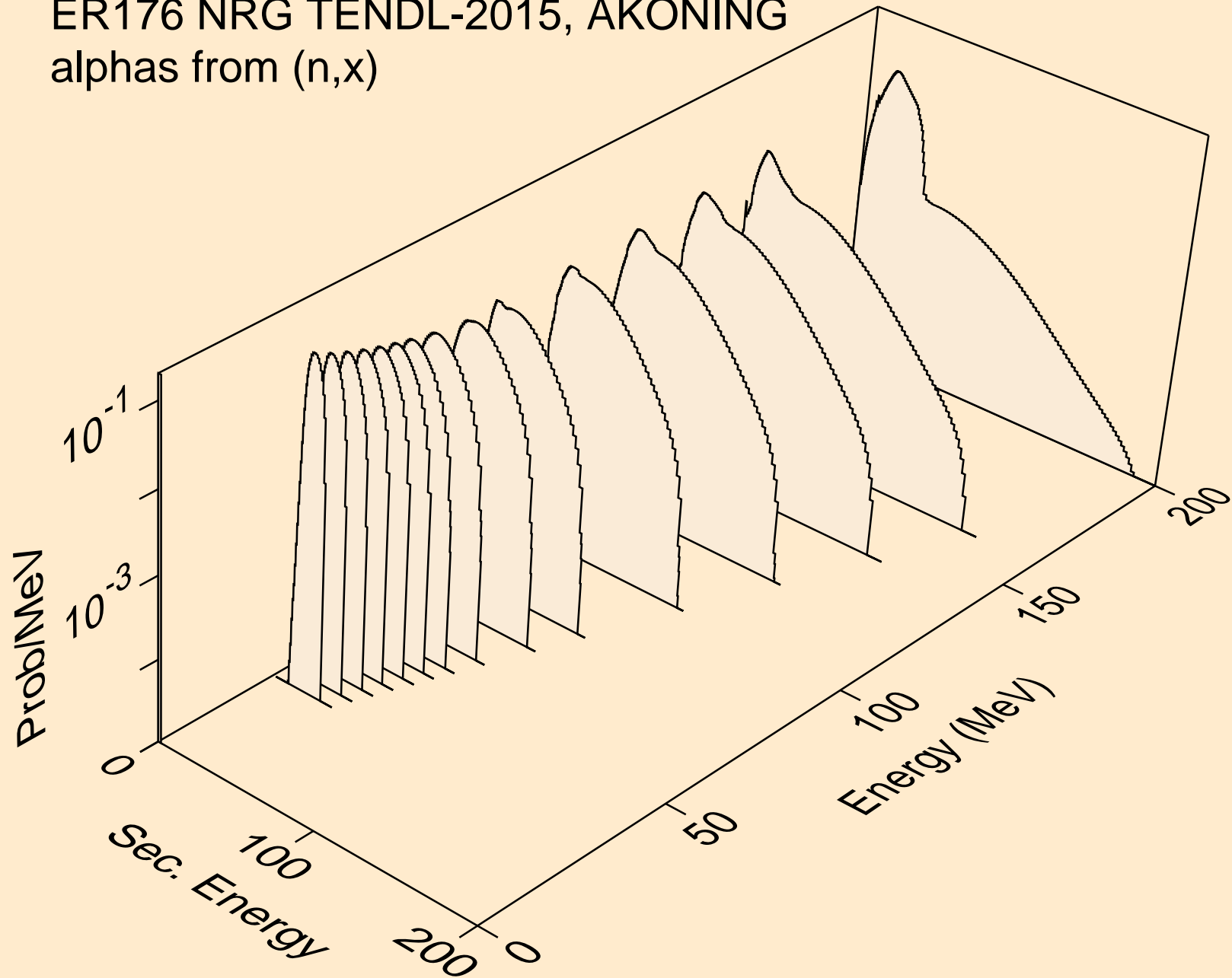
ER176 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



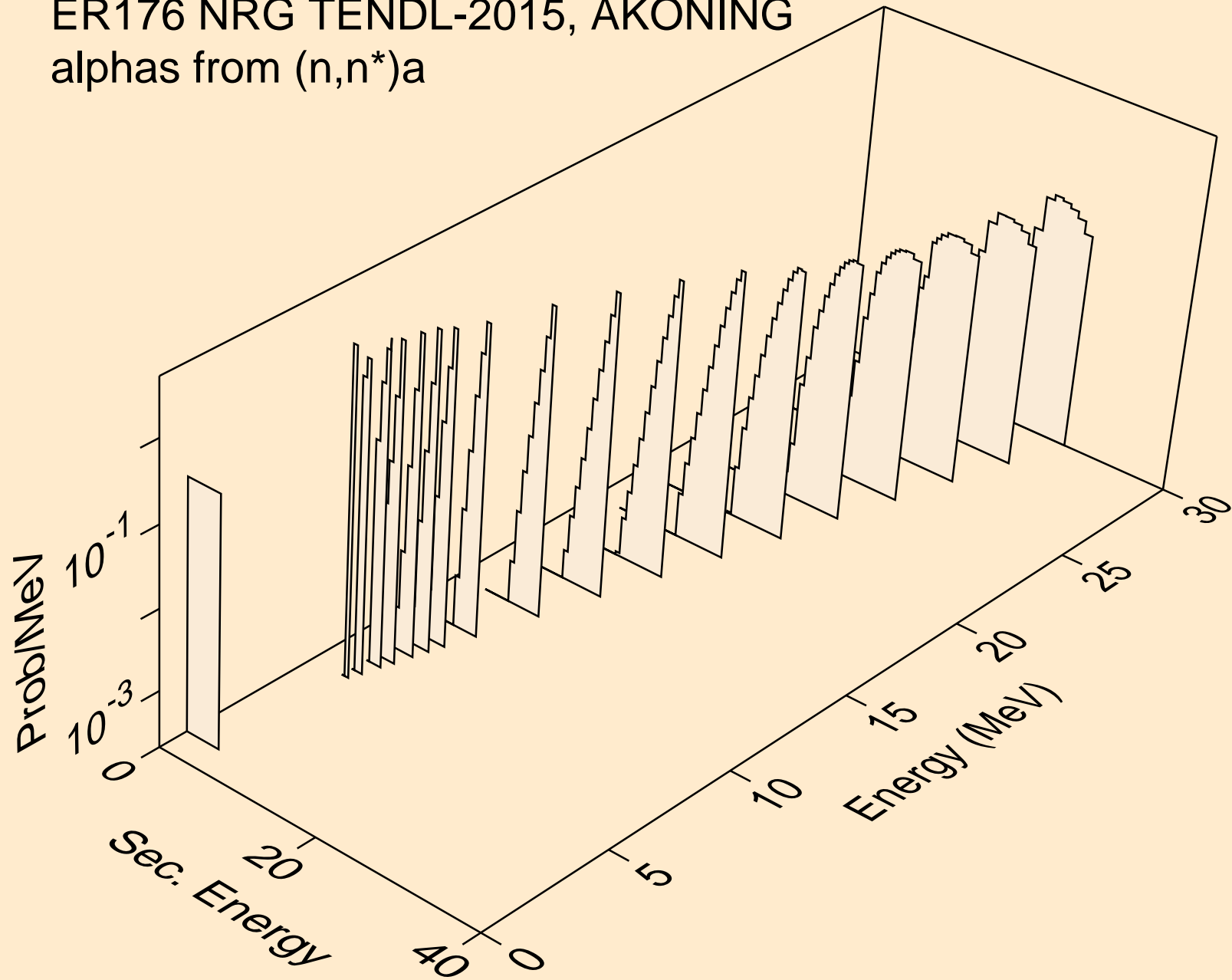
ER176 NRG TENDL-2015, AKONING  
he3s from (n,he3)



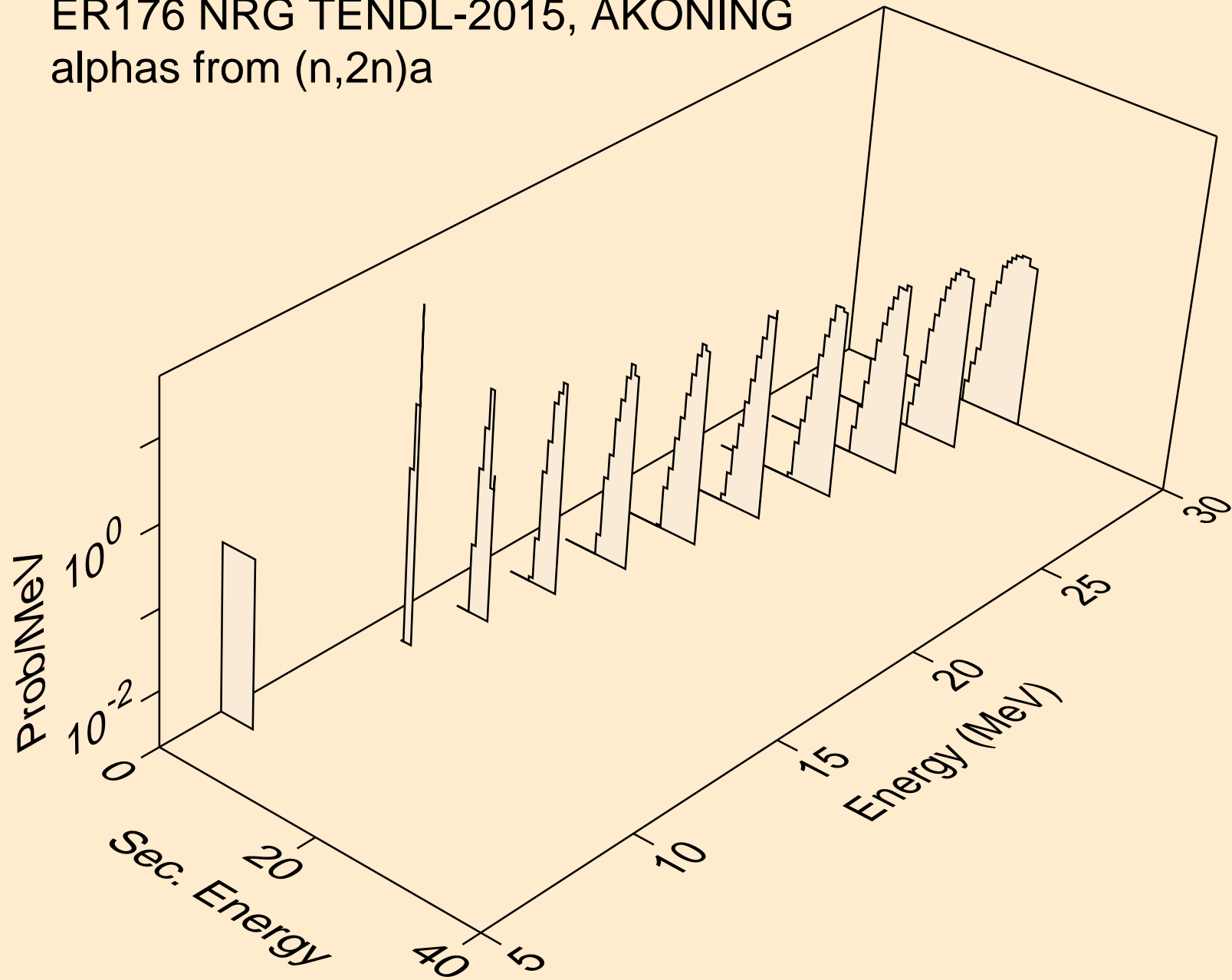
ER176 NRG TENDL-2015, AKONING  
alphas from (n,x)



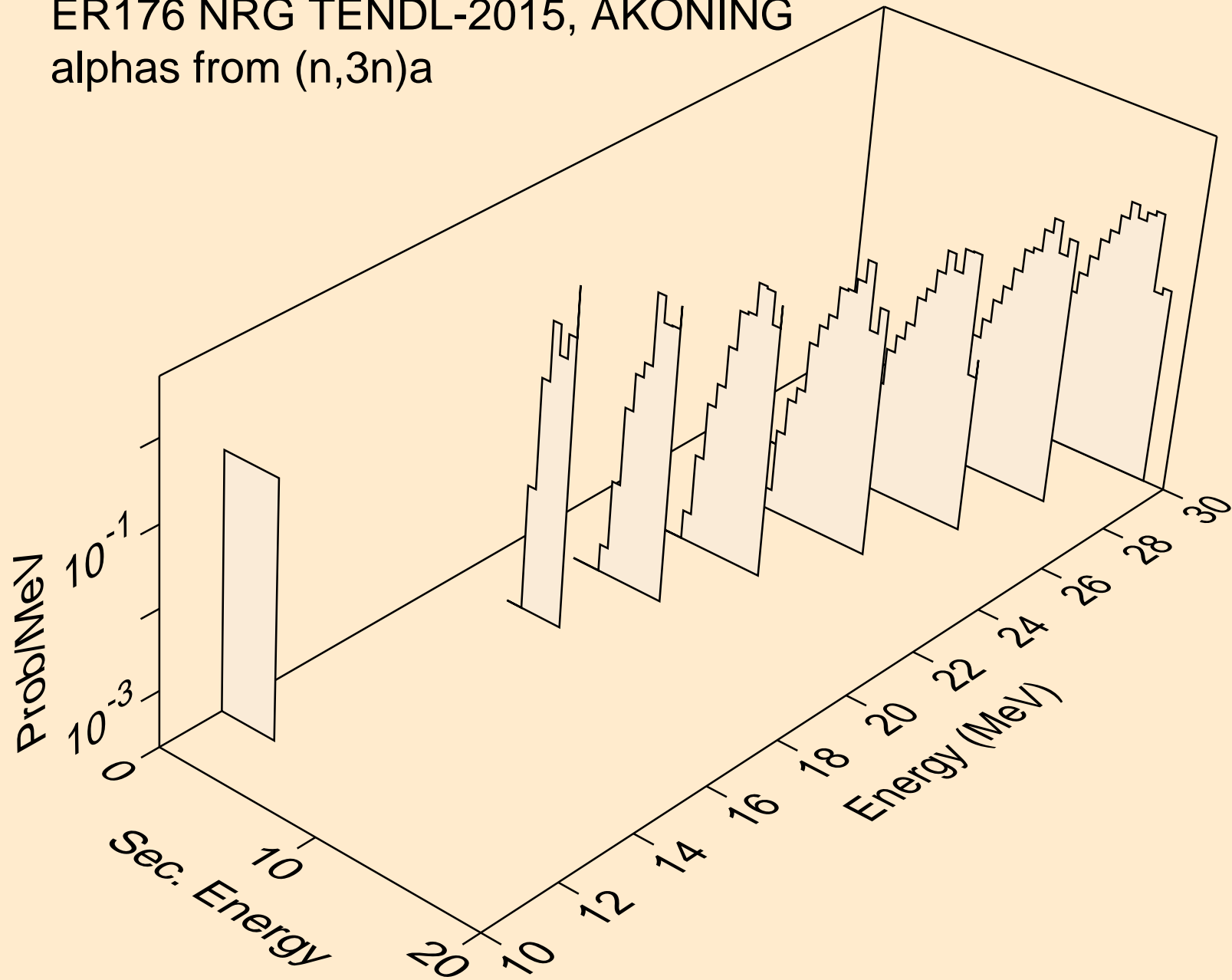
ER176 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



ER176 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



ER176 NRG TENDL-2015, AKONING  
alphas from (n,3n)a





ER176 NRG TENDL-2015, AKONING  
alphas from (n,a)

