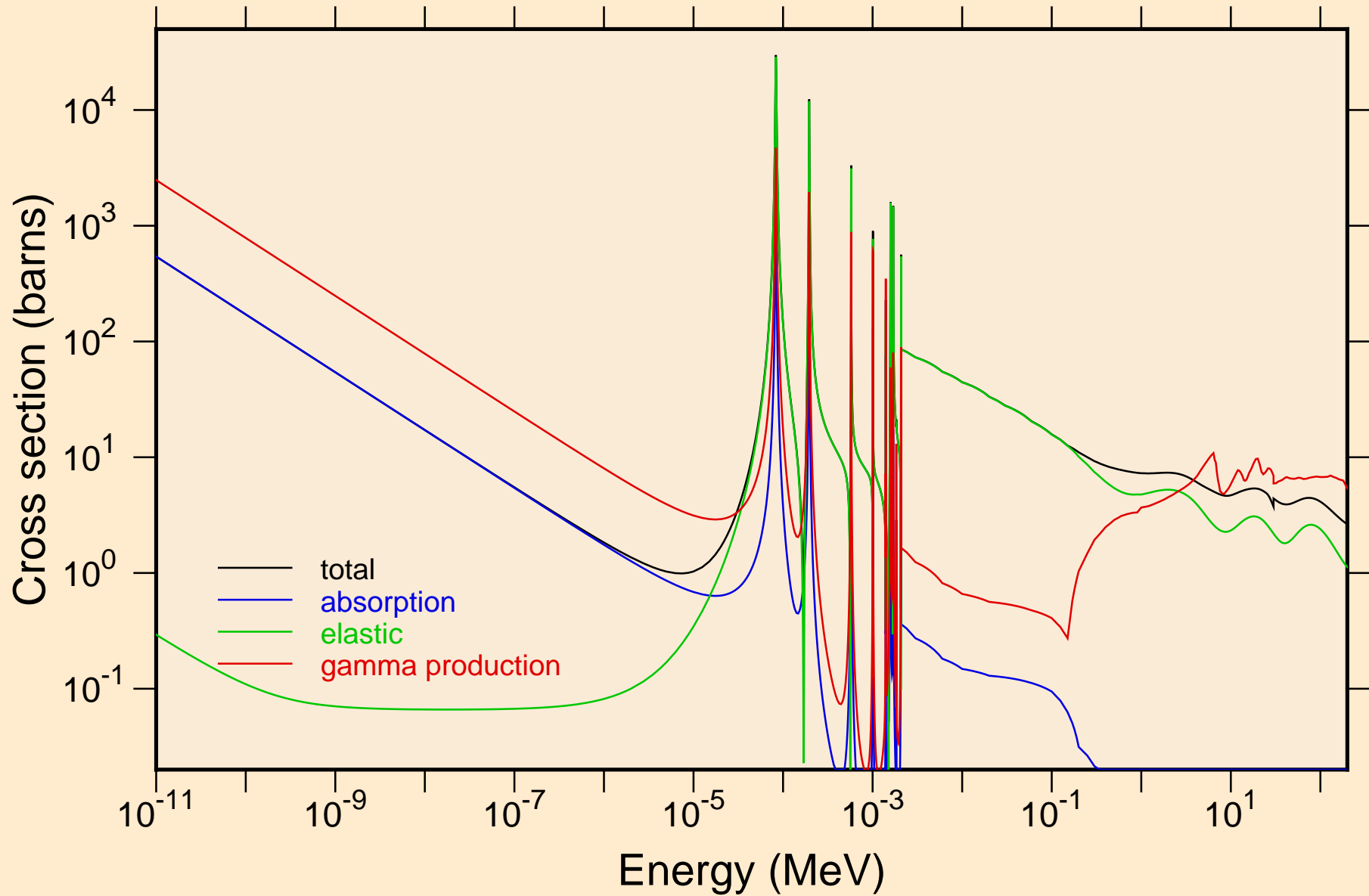
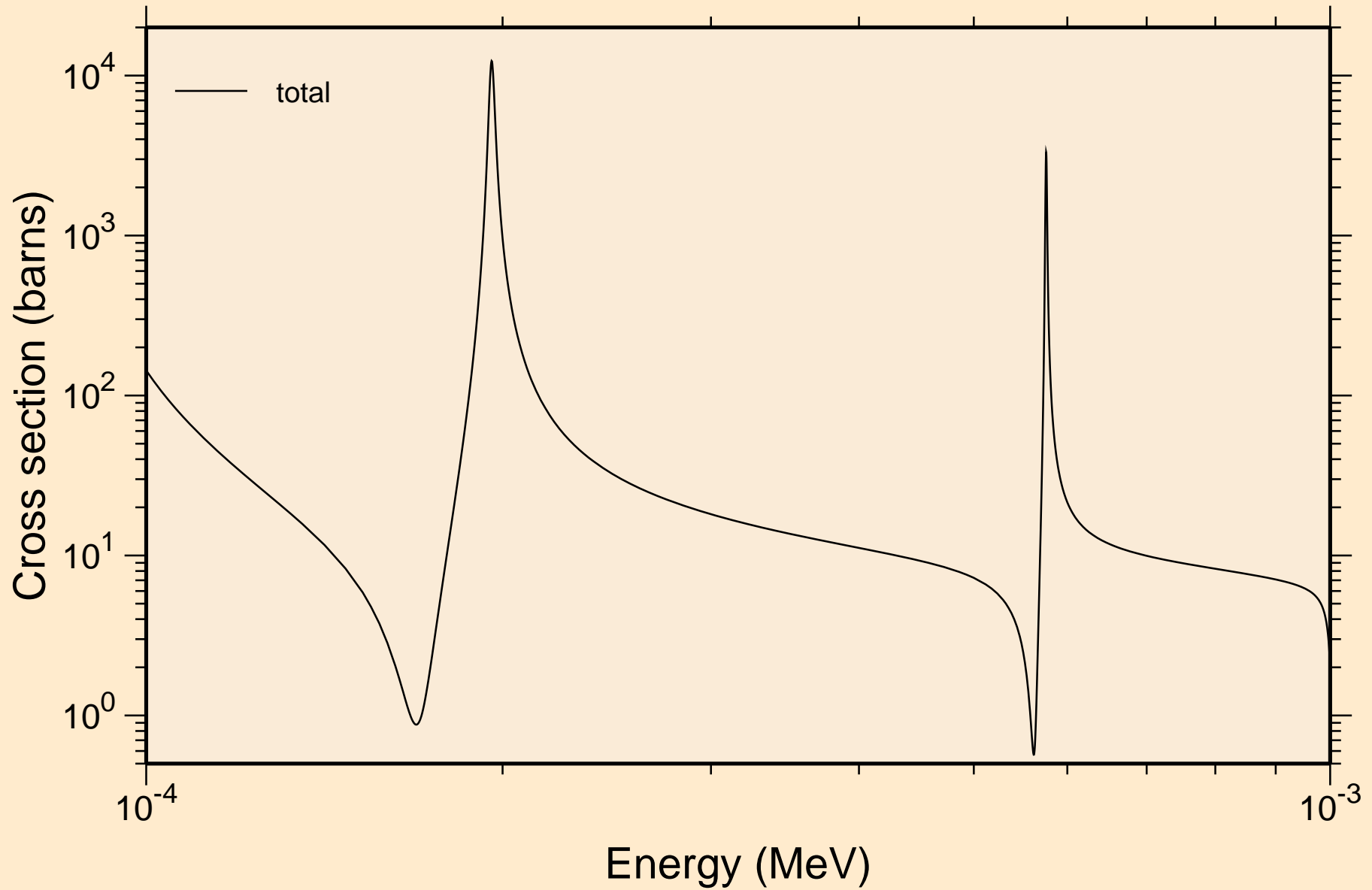


# ER174 NRG TENDL-2015, AKONING

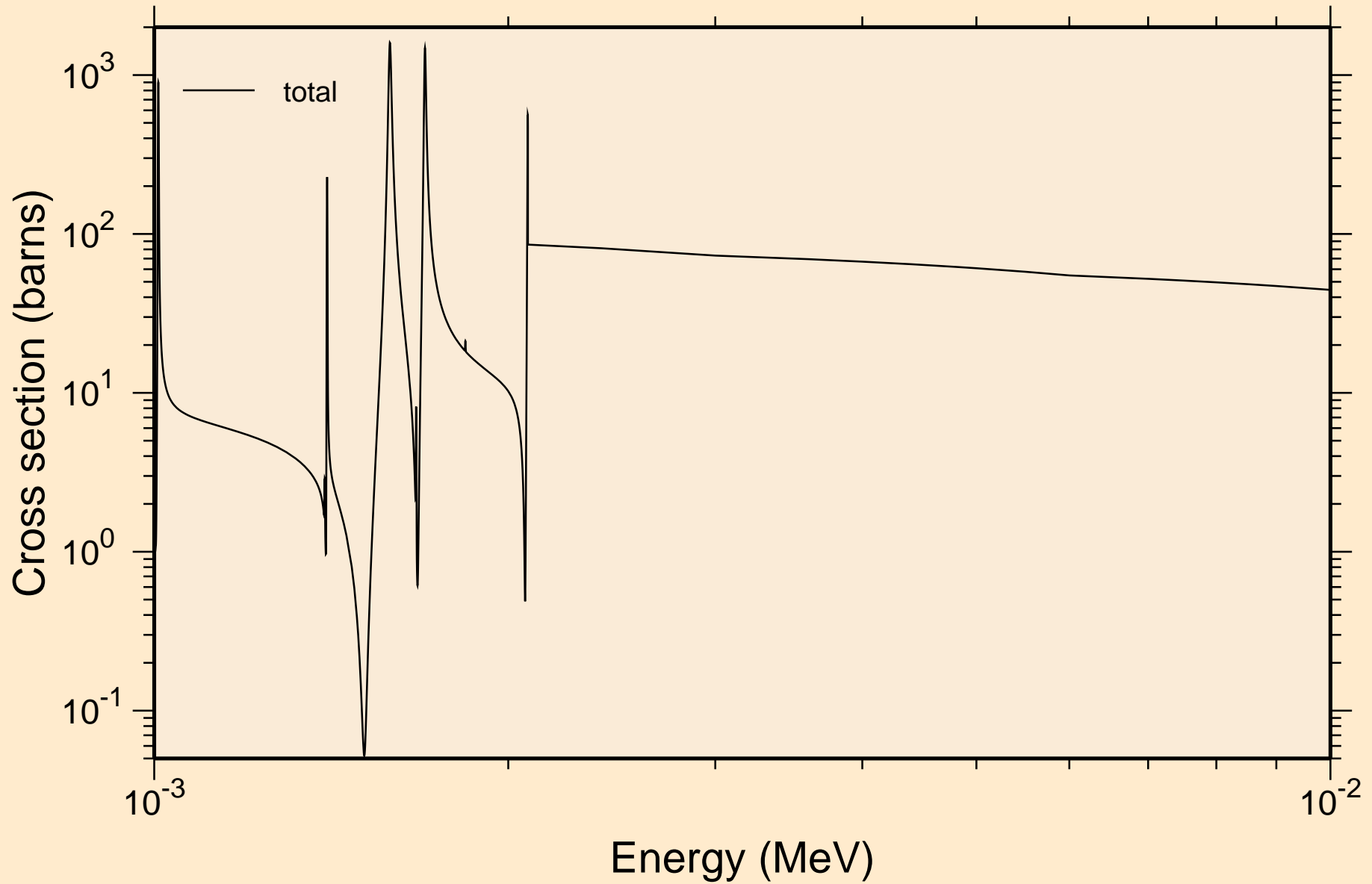
## Principal cross sections



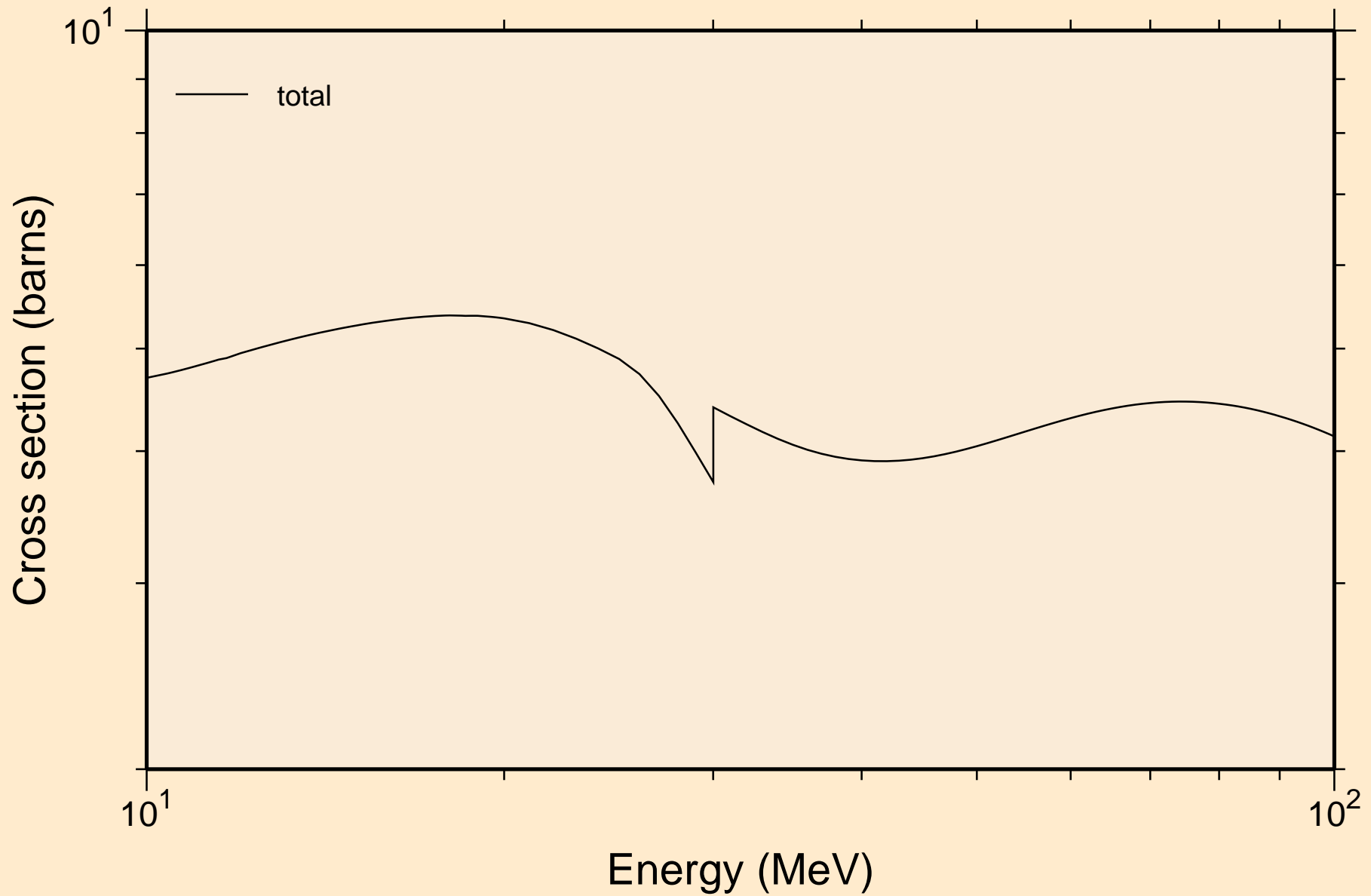
ER174 NRG TENDL-2015, AKONING  
resonance total cross section



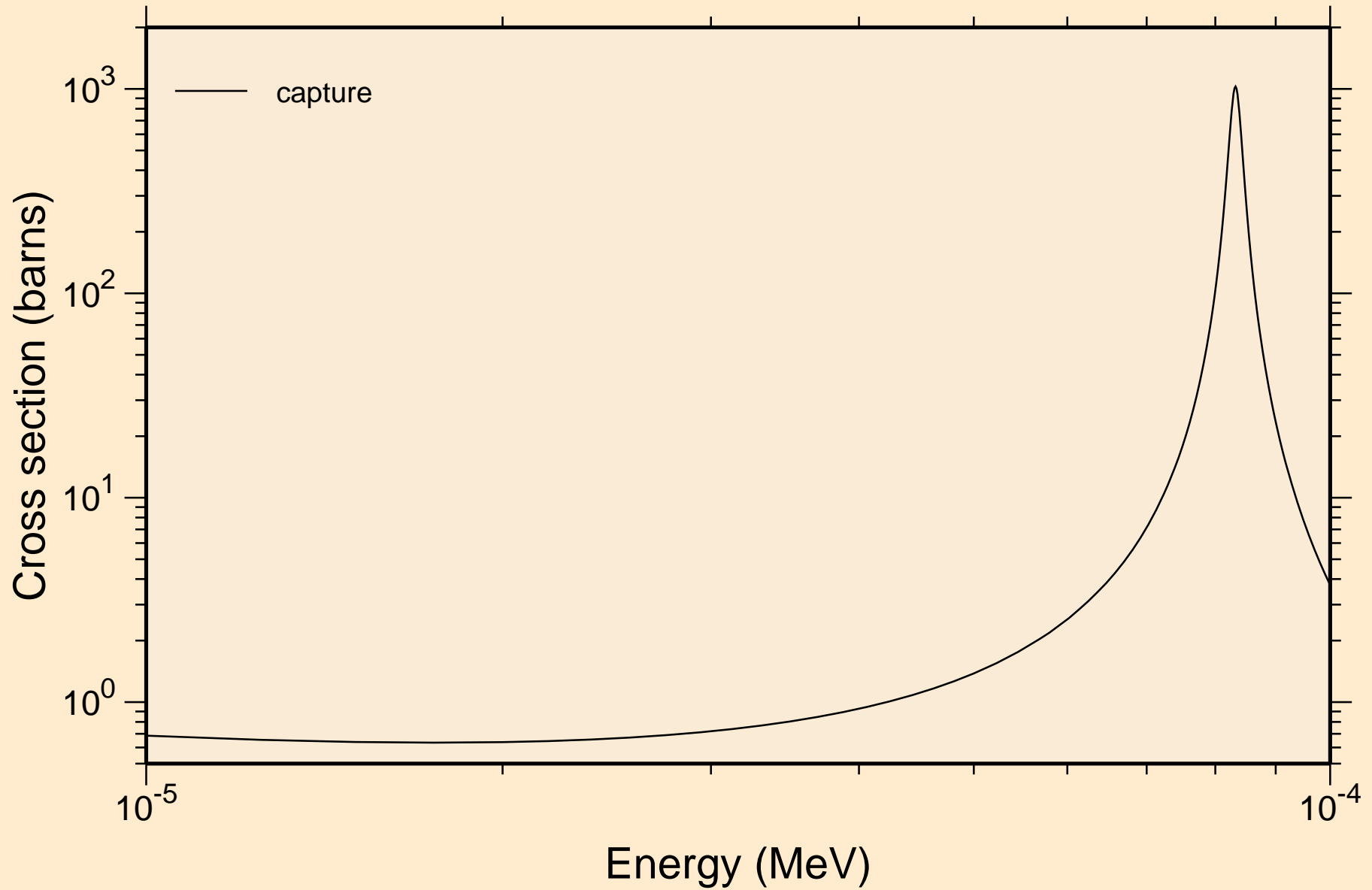
ER174 NRG TENDL-2015, AKONING  
resonance total cross section



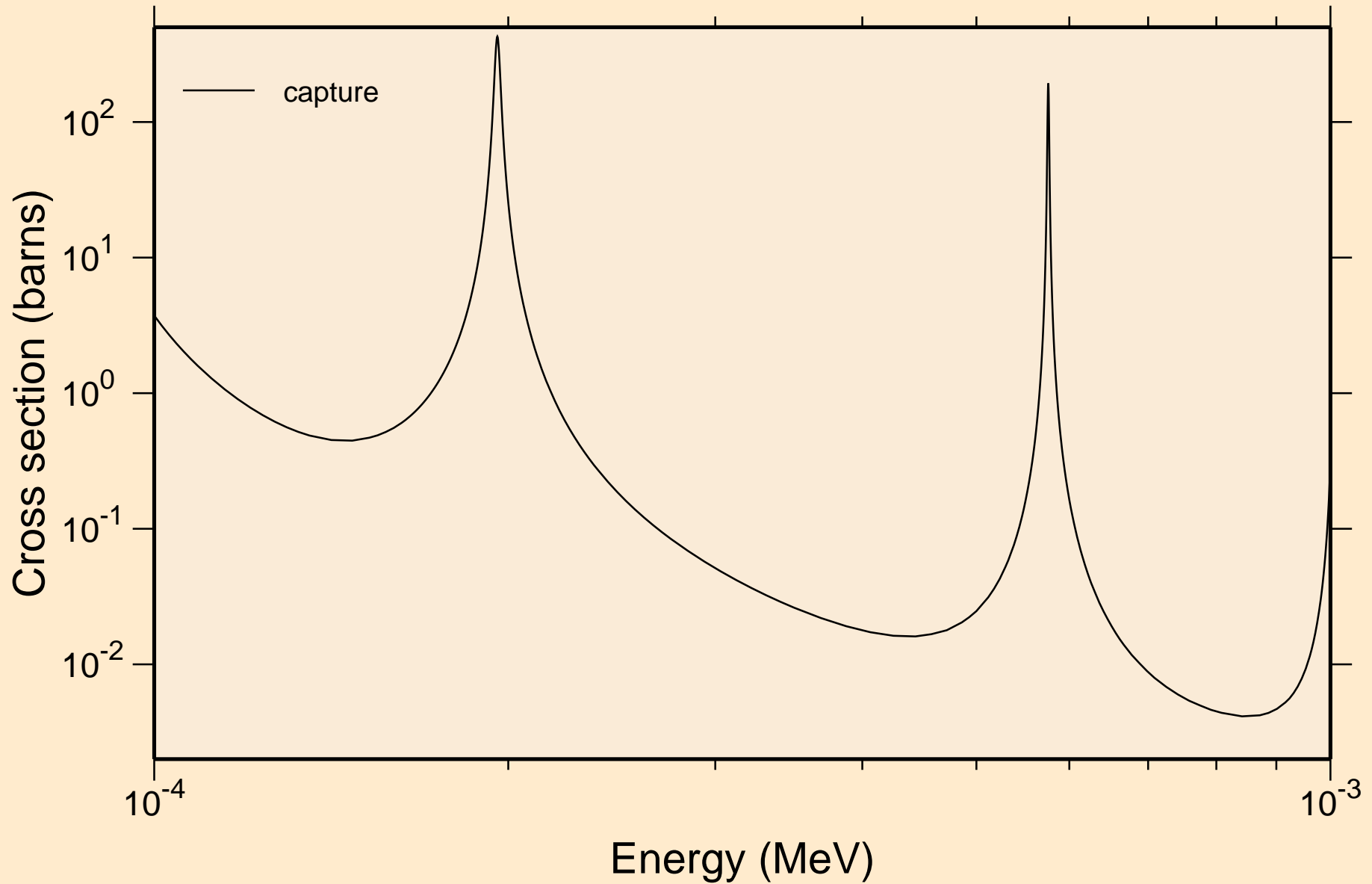
ER174 NRG TENDL-2015, AKONING  
resonance total cross section



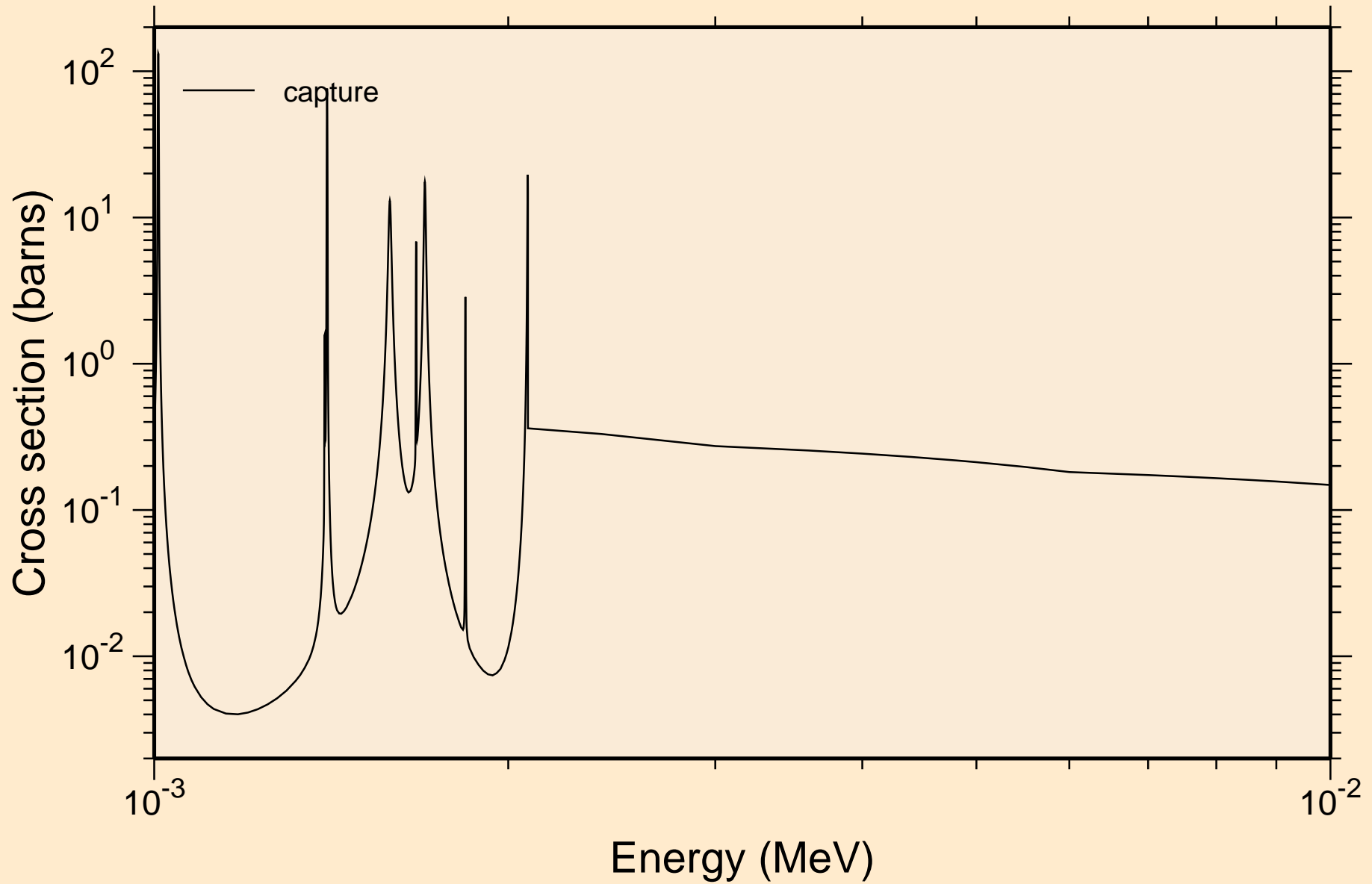
ER174 NRG TENDL-2015, AKONING  
resonance absorption cross sections



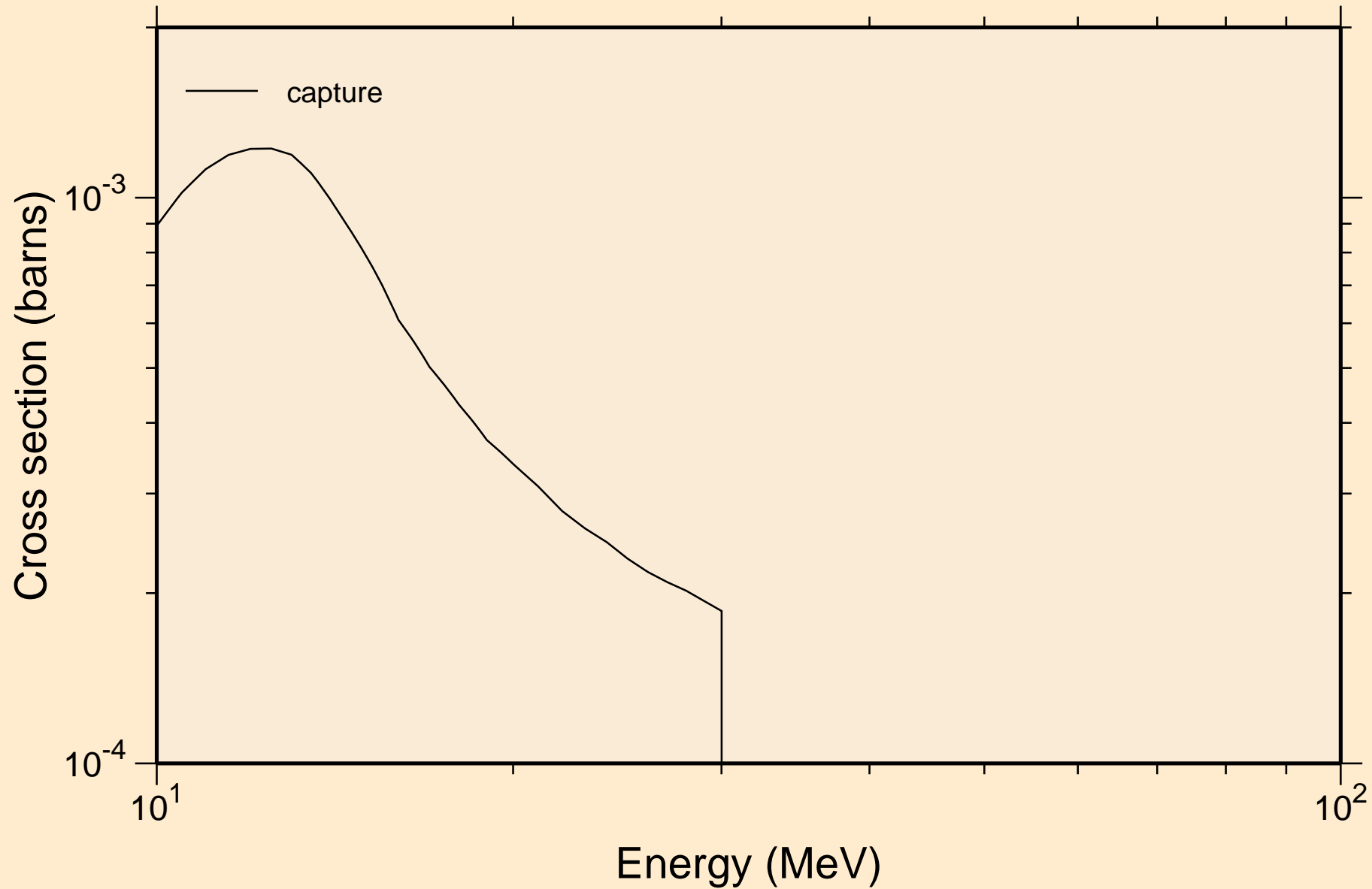
ER174 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# ER174 NRG TENDL-2015, AKONING resonance absorption cross sections



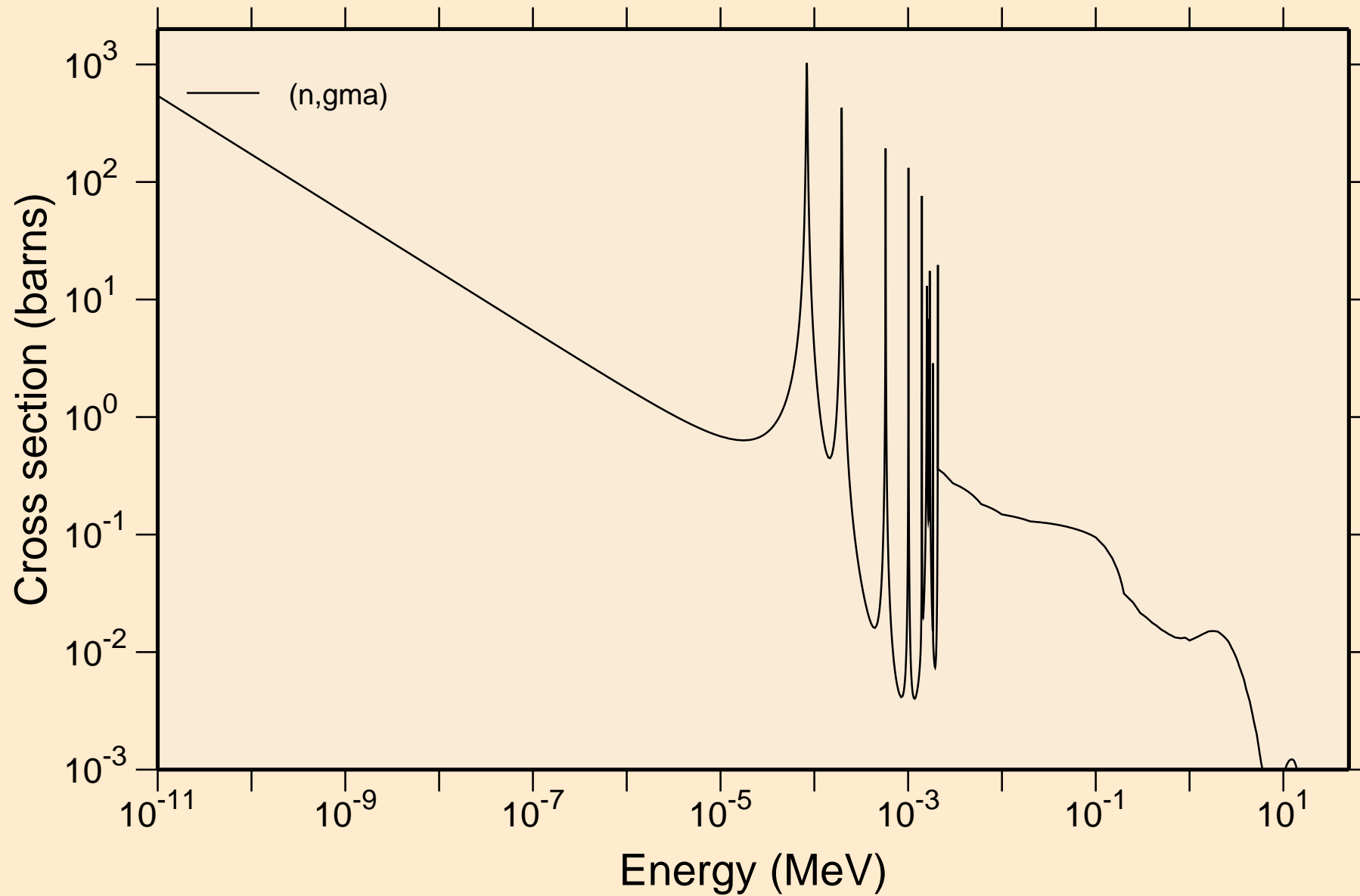
ER174 NRG TENDL-2015, AKONING  
resonance absorption cross sections





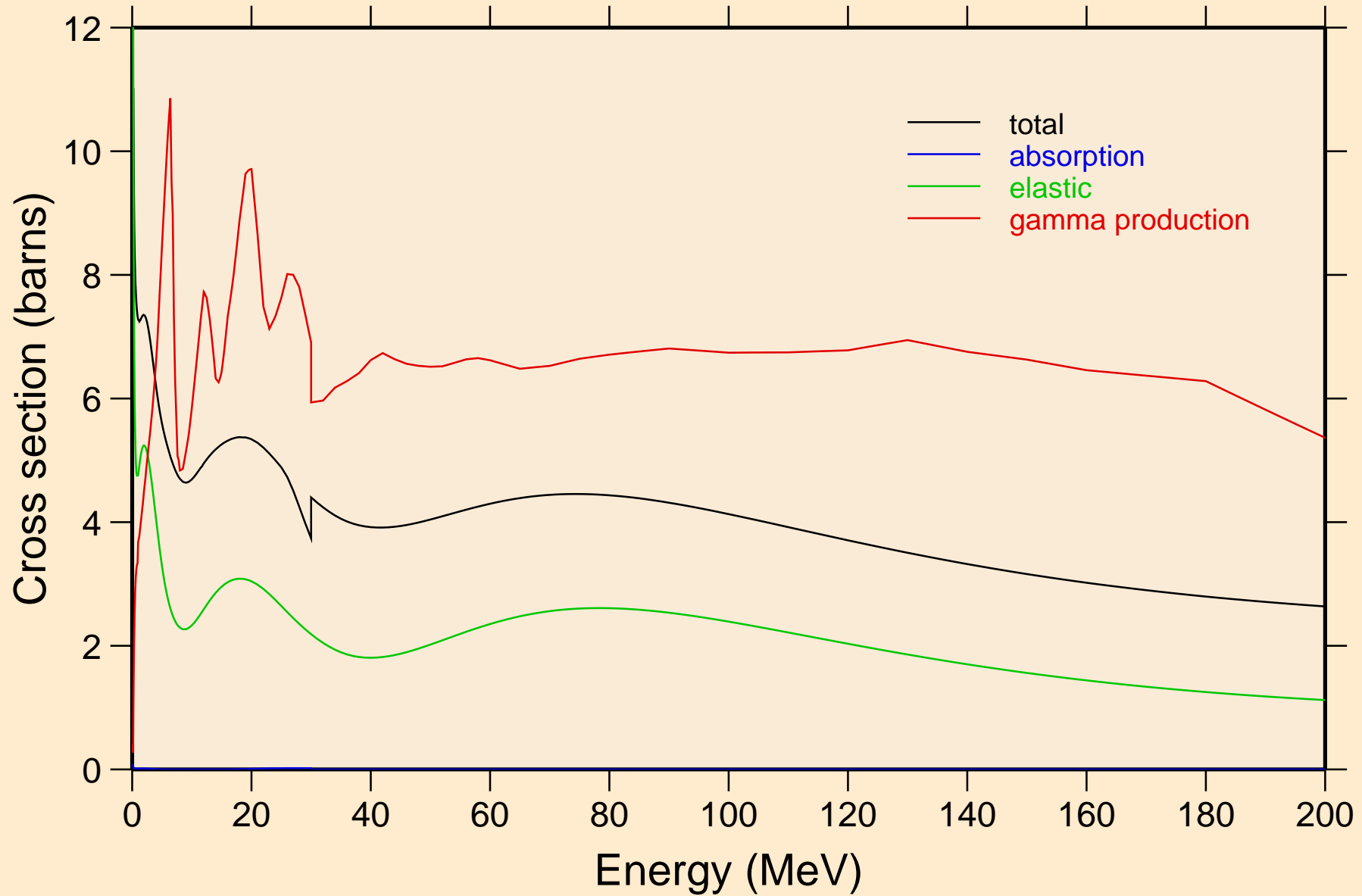
# ER174 NRG TENDL-2015, AKONING

## Non-threshold reactions

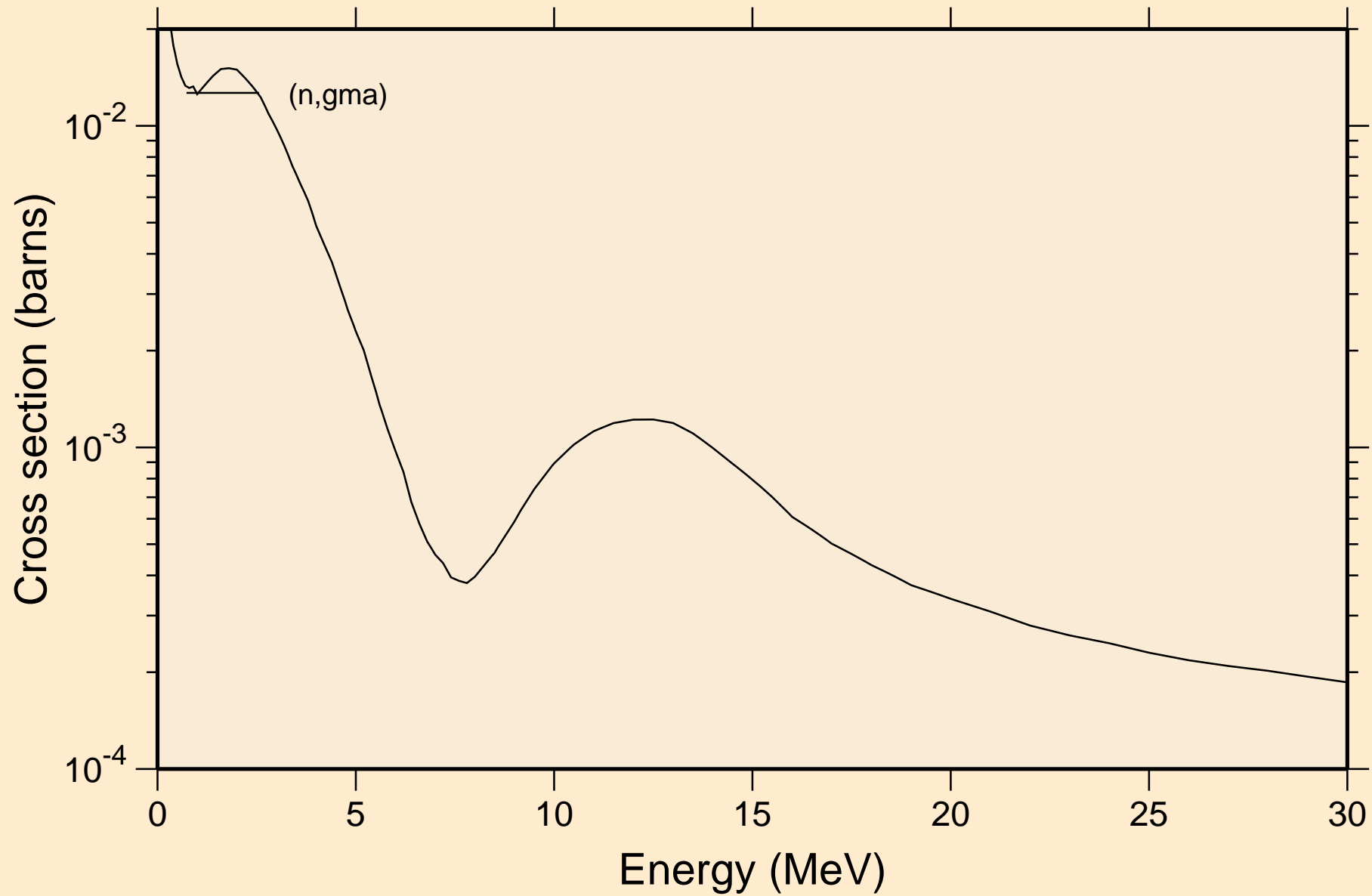


# ER174 NRG TENDL-2015, AKONING

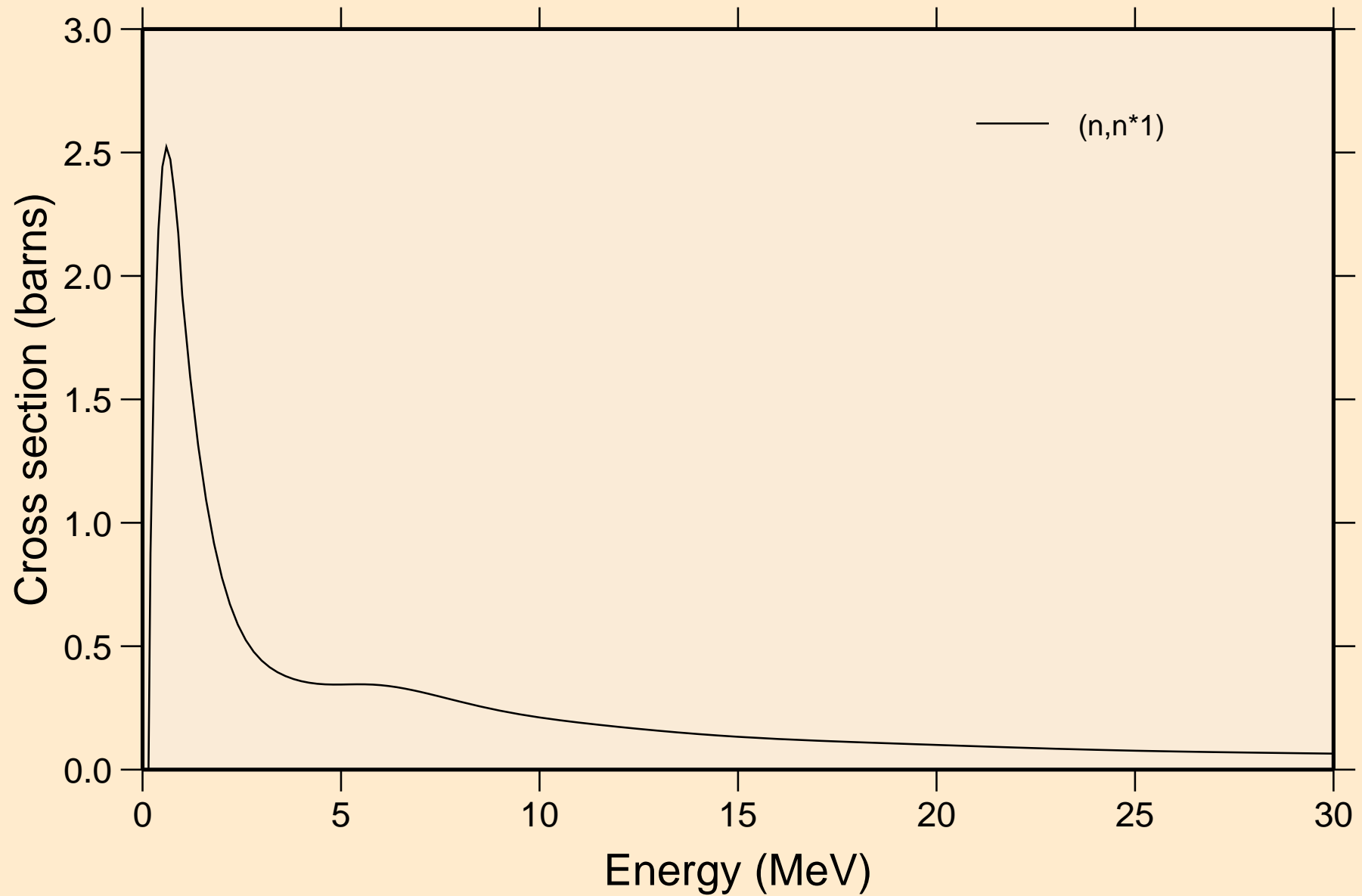
## Principal cross sections



ER174 NRG TENDL-2015, AKONING  
Non-threshold reactions

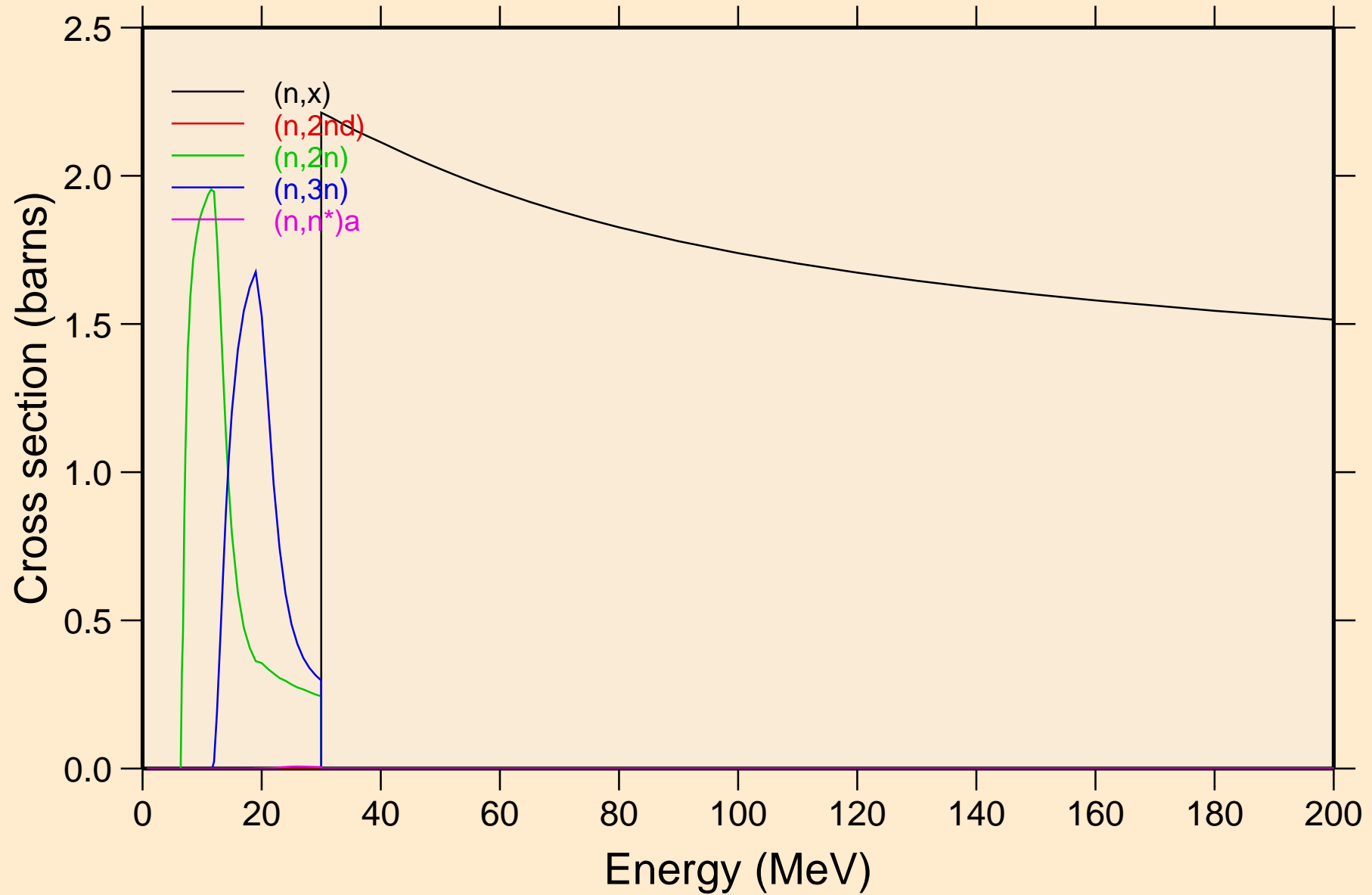


ER174 NRG TENDL-2015, AKONING  
Inelastic levels



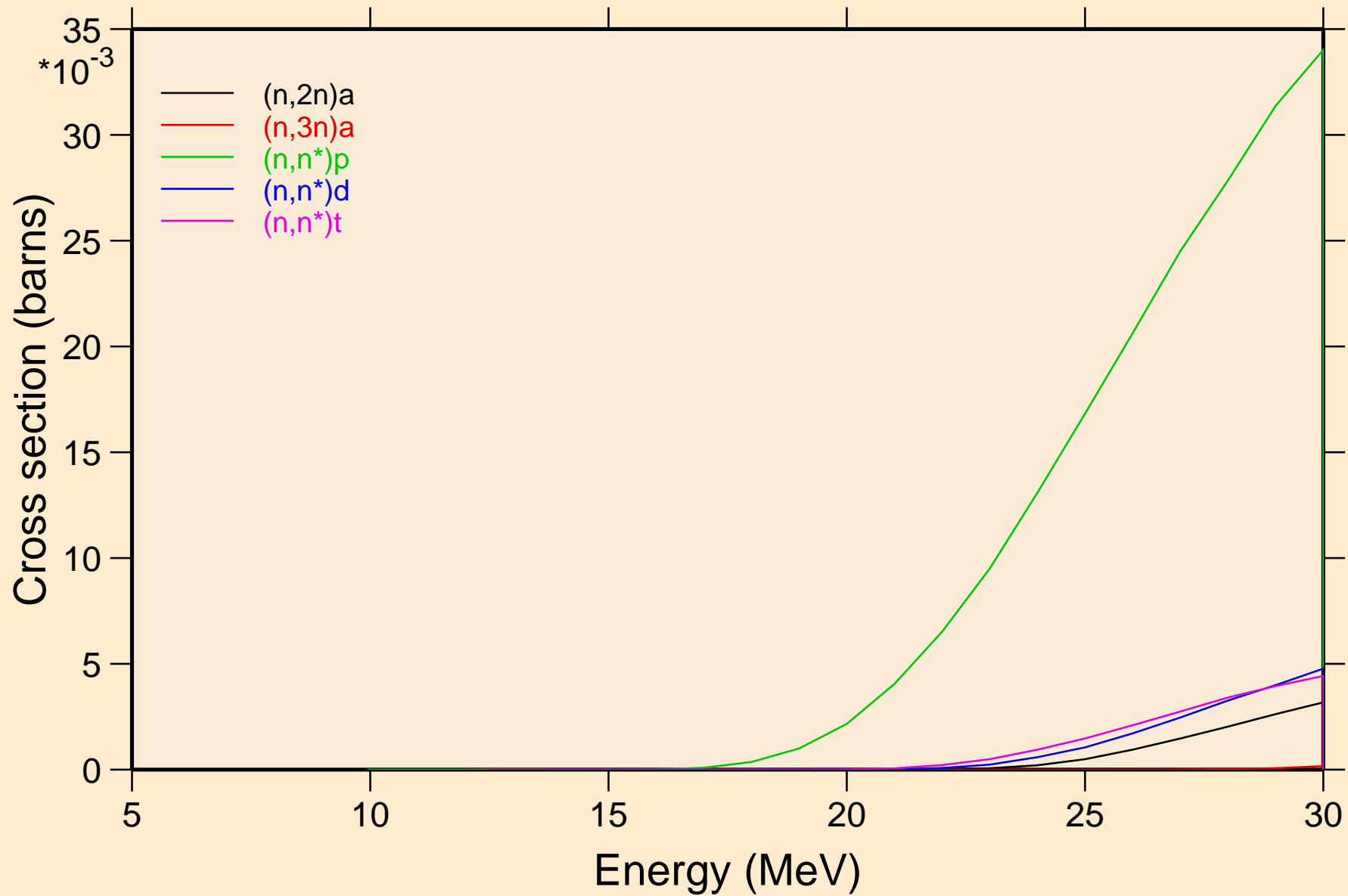
# ER174 NRG TENDL-2015, AKONING

## Threshold reactions



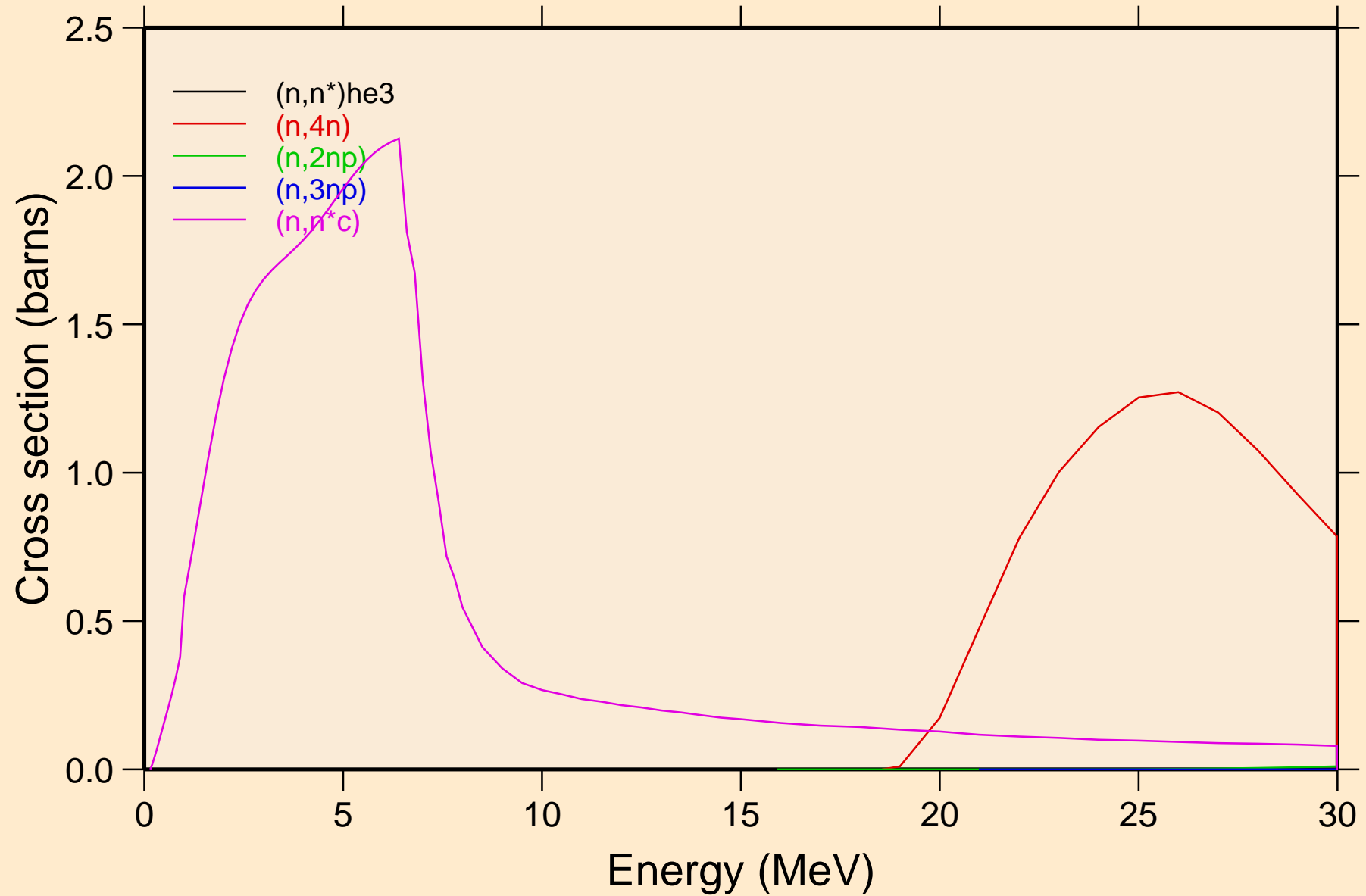
# ER174 NRG TENDL-2015, AKONING

## Threshold reactions



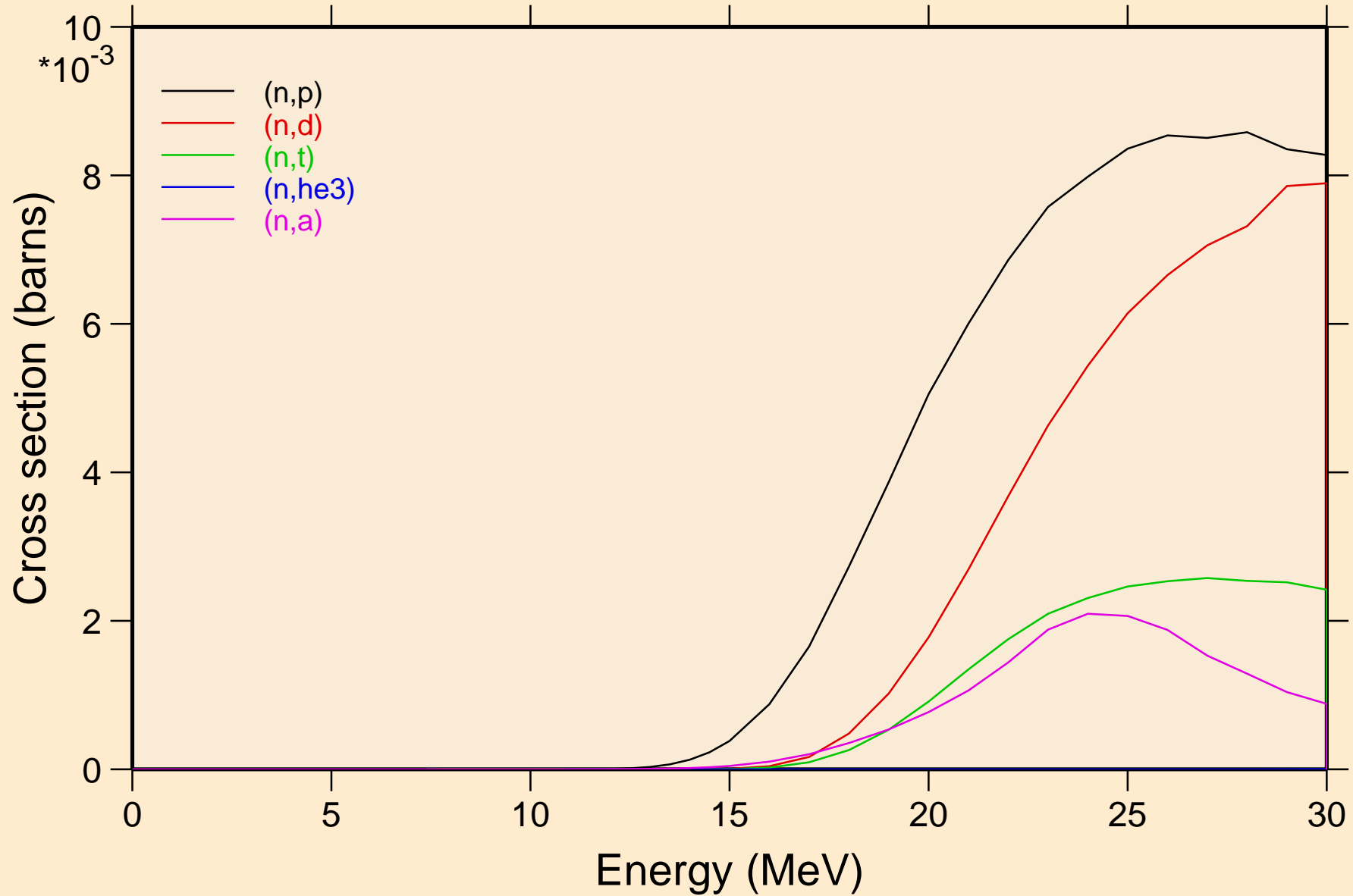
# ER174 NRG TENDL-2015, AKONING

## Threshold reactions



# ER174 NRG TENDL-2015, AKONING

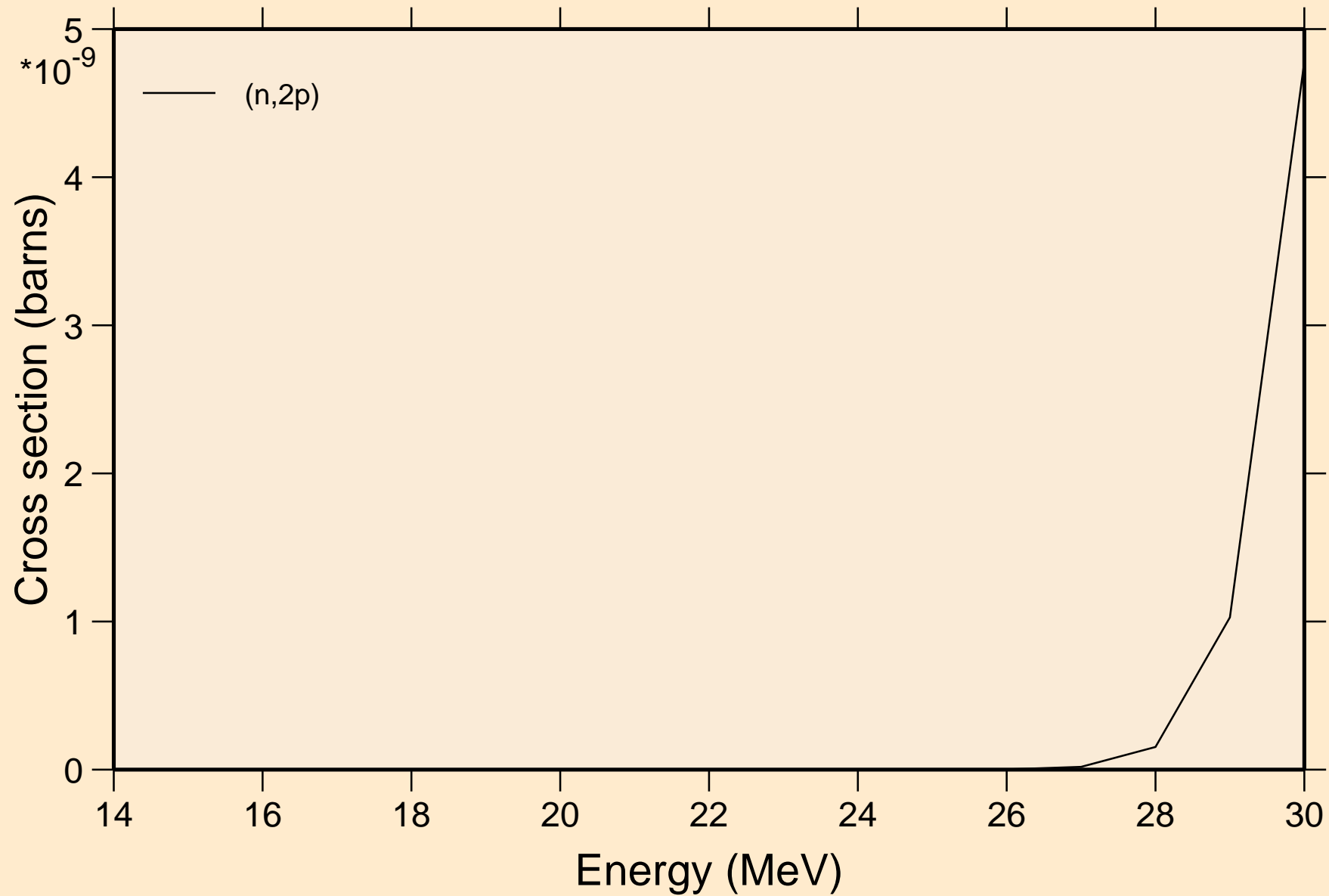
## Threshold reactions



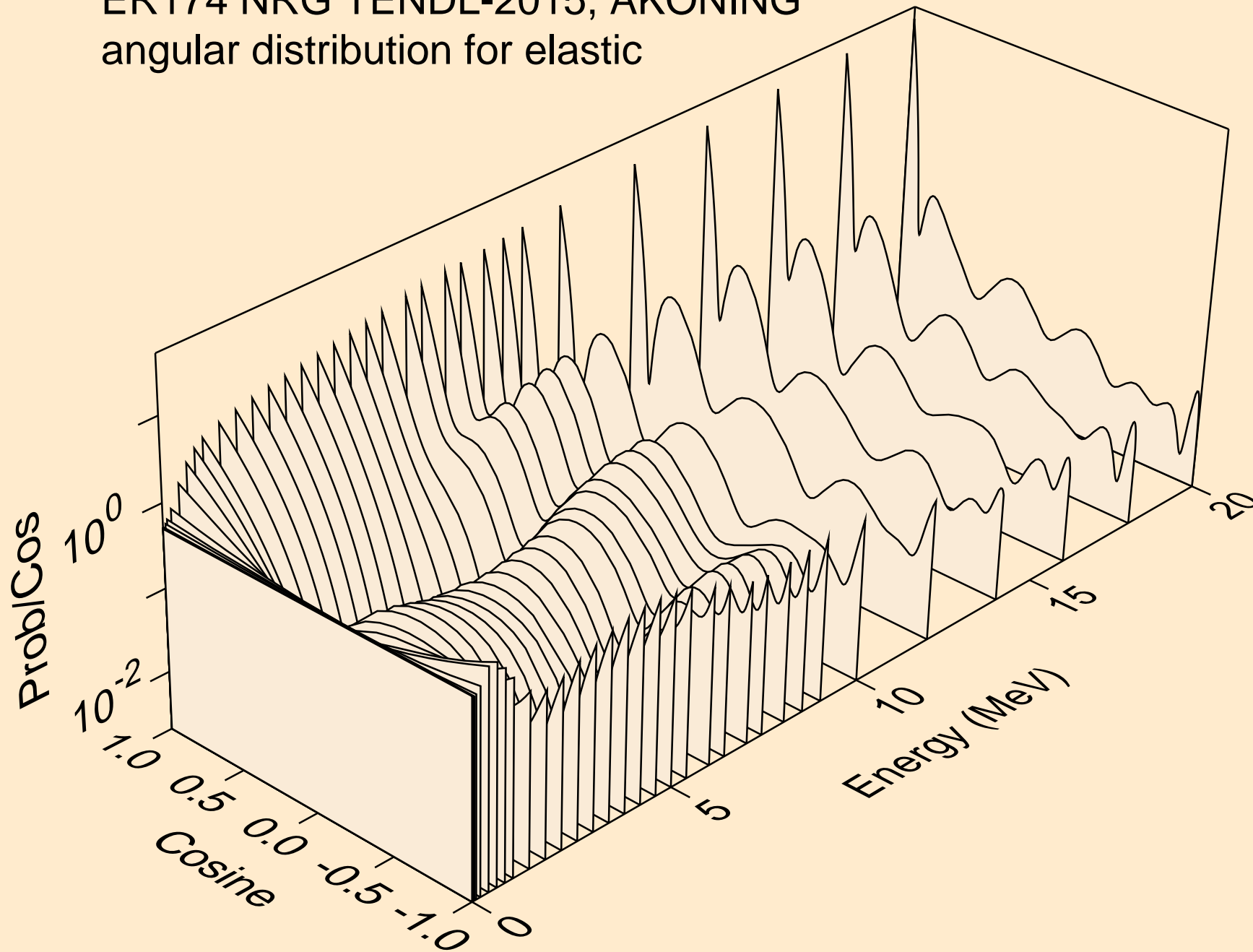


# ER174 NRG TENDL-2015, AKONING

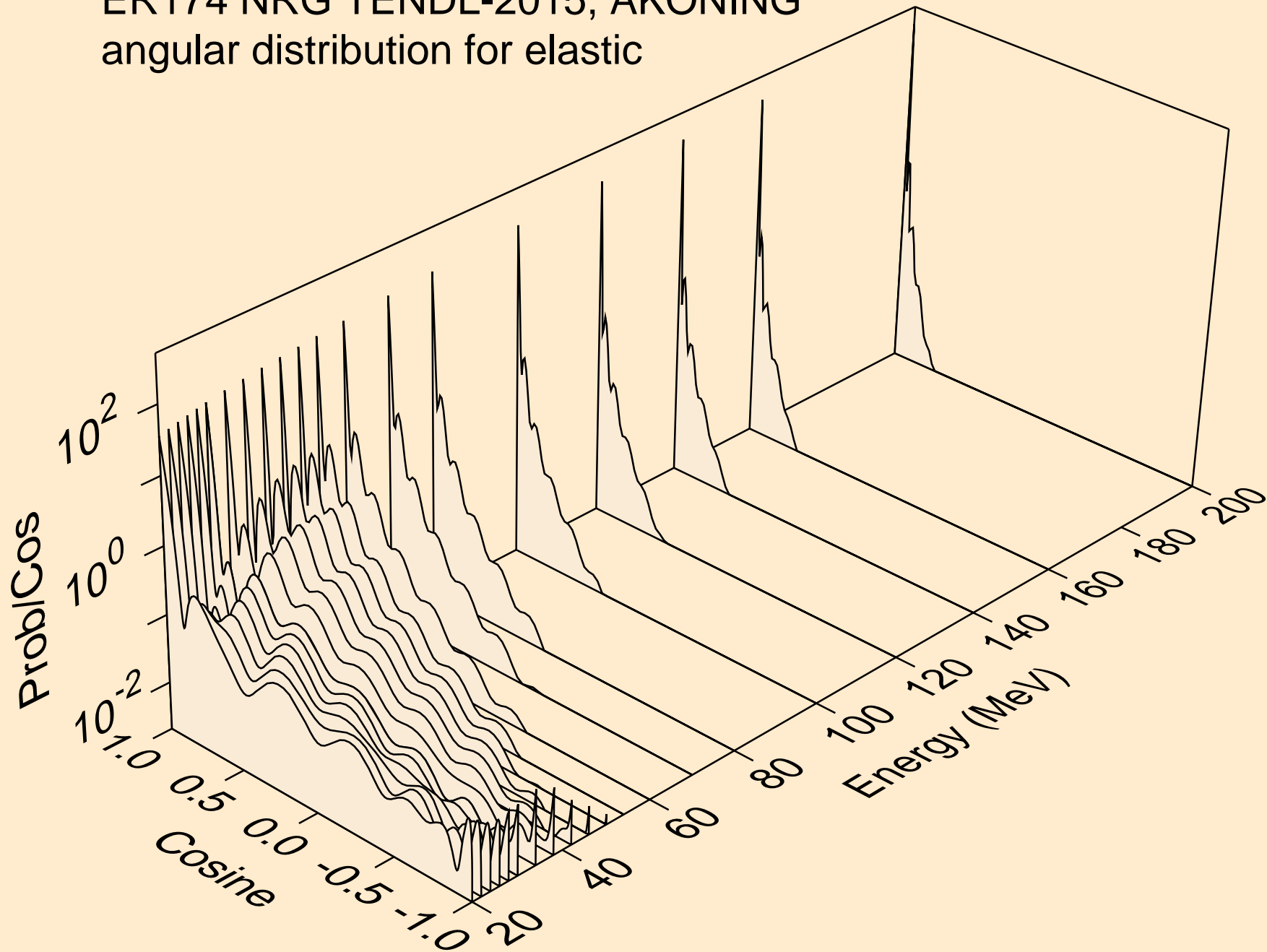
## Threshold reactions



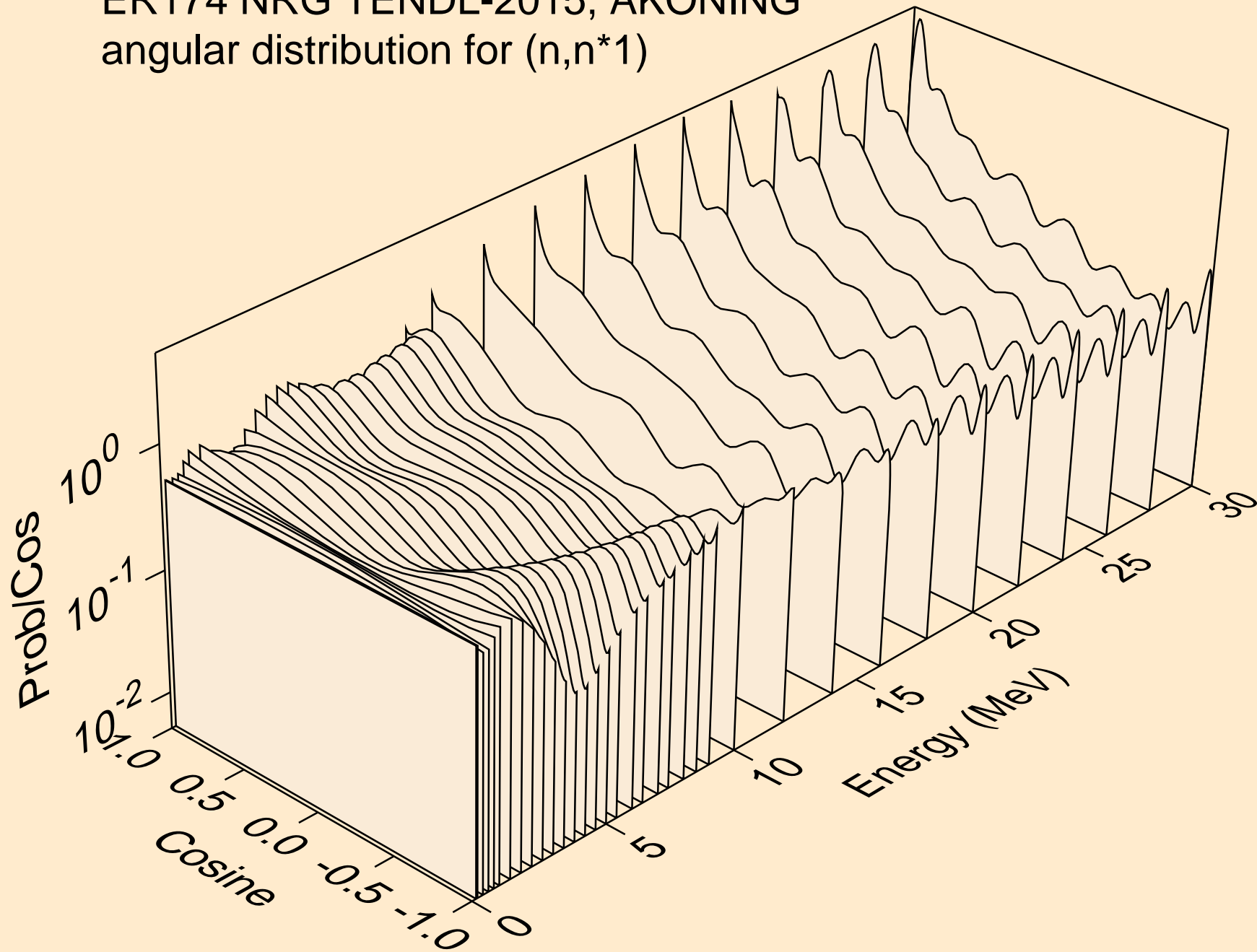
ER174 NRG TENDL-2015, AKONING  
angular distribution for elastic



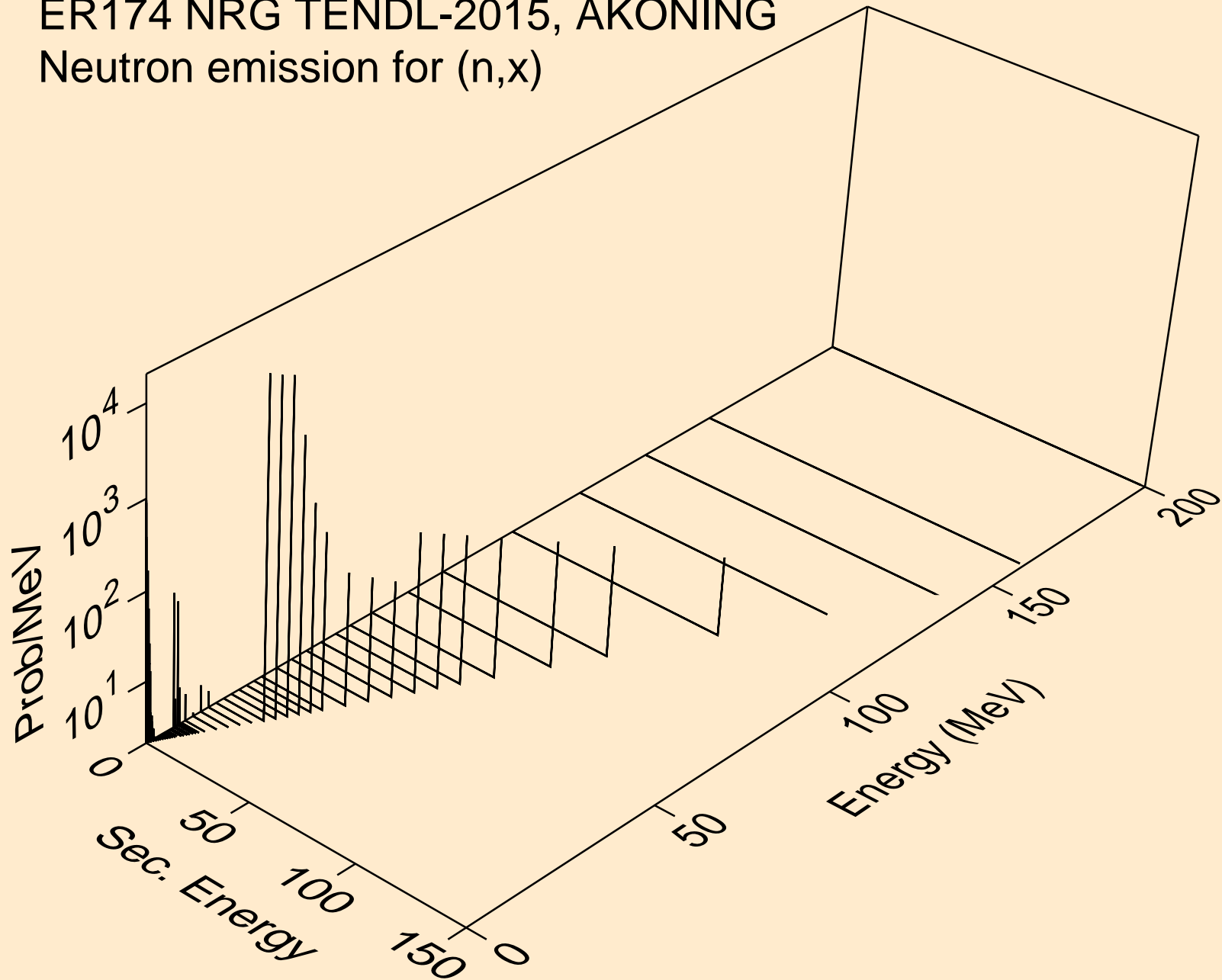
ER174 NRG TENDL-2015, AKONING  
angular distribution for elastic



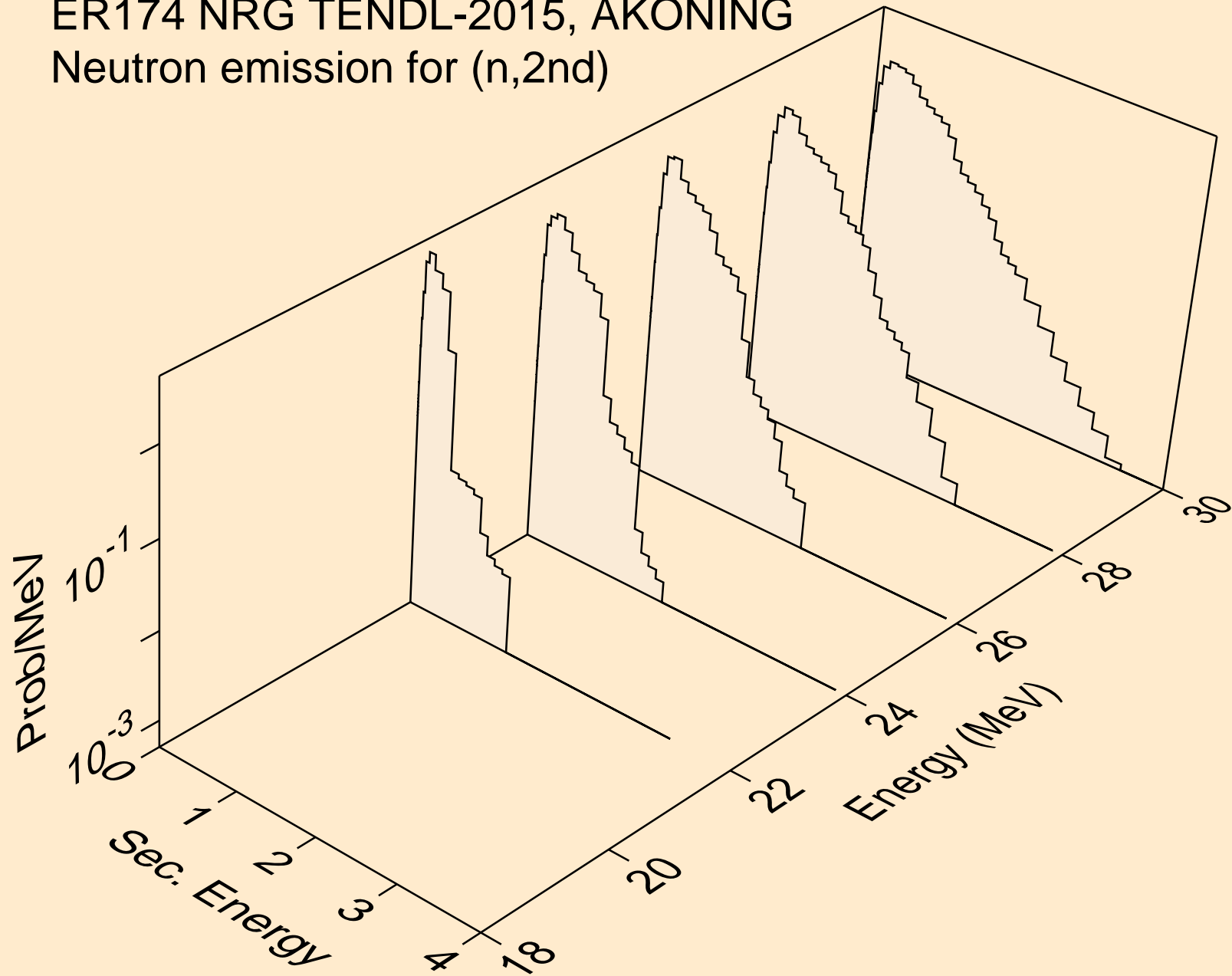
ER174 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



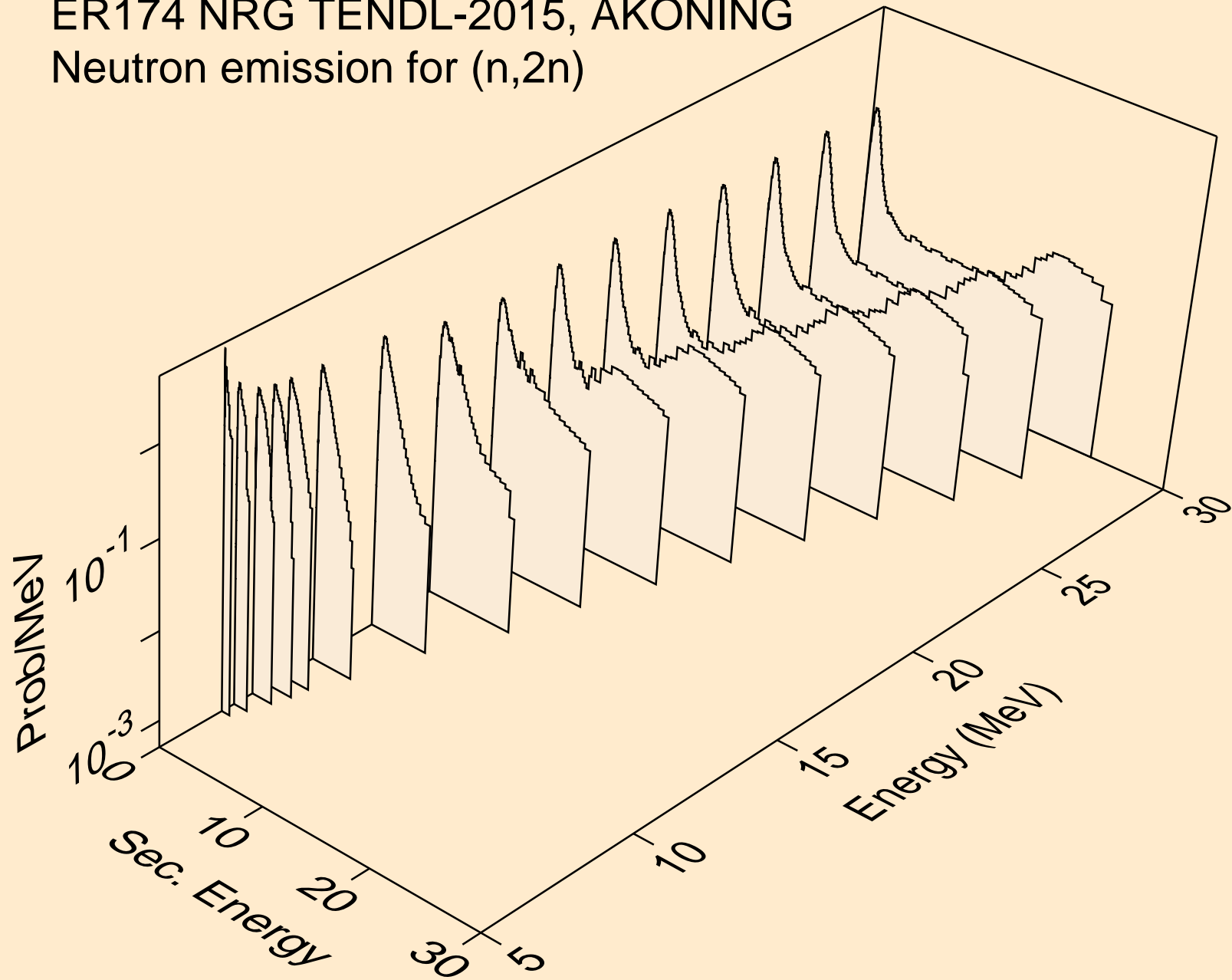
ER174 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



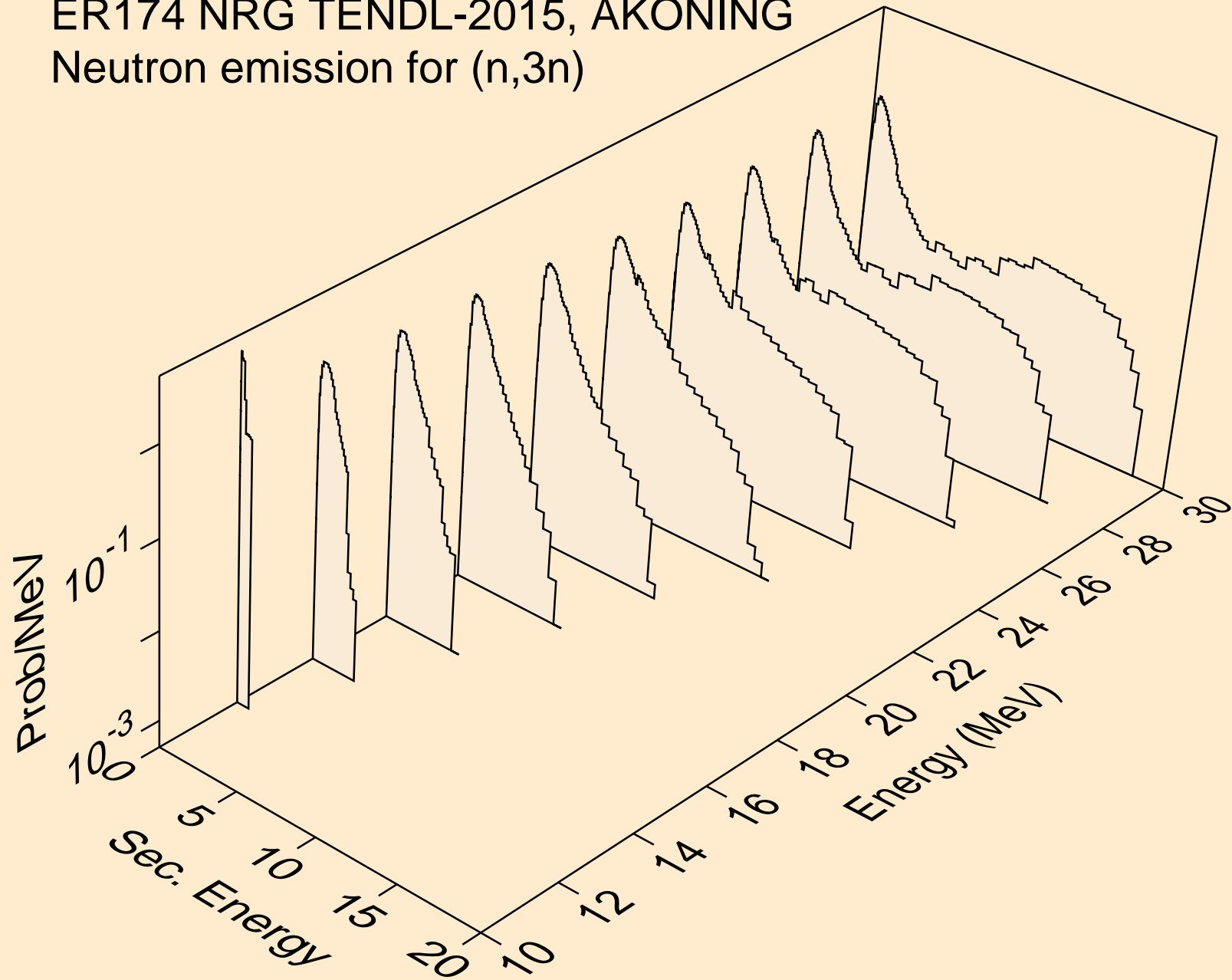
ER174 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



ER174 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

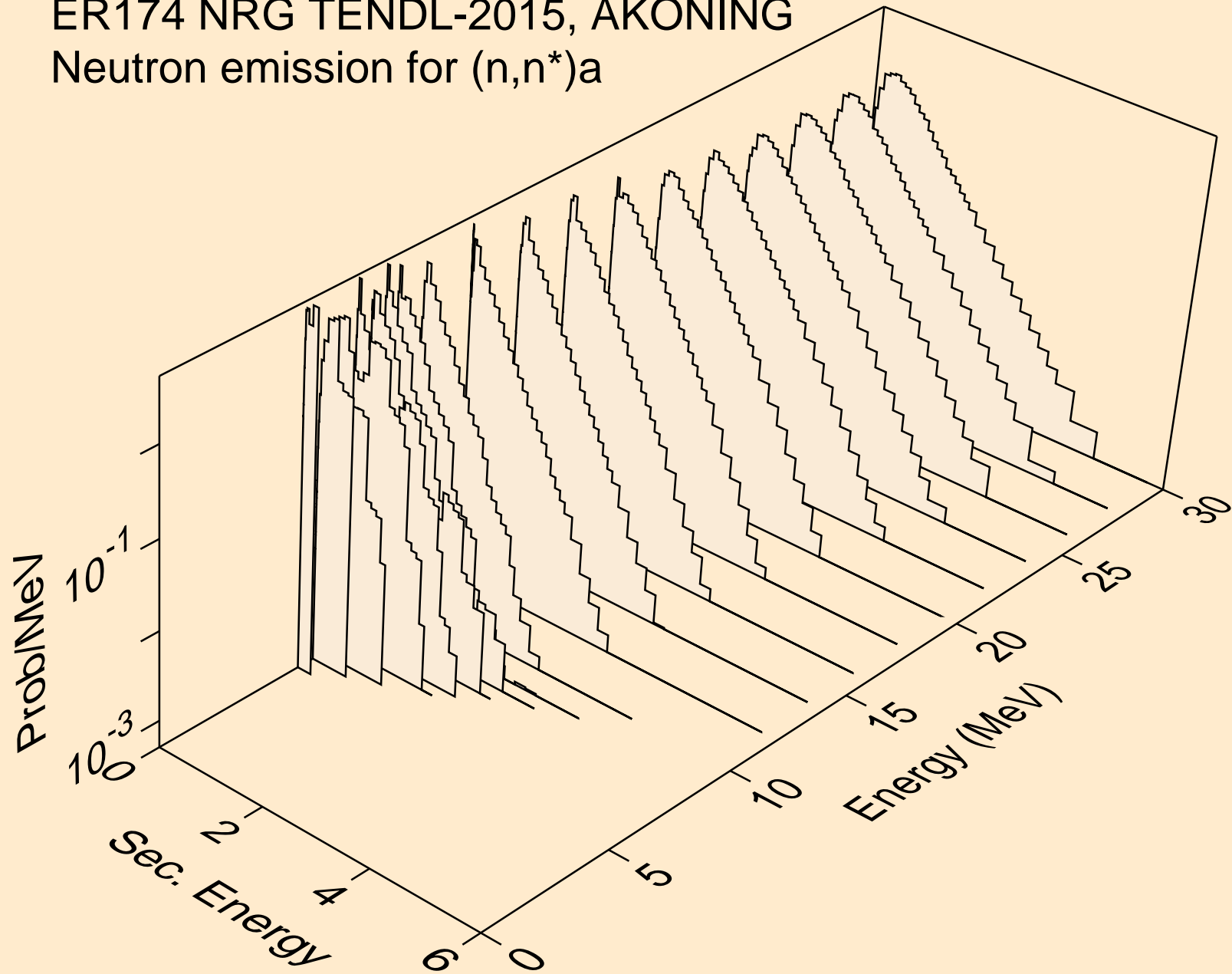


ER174 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)

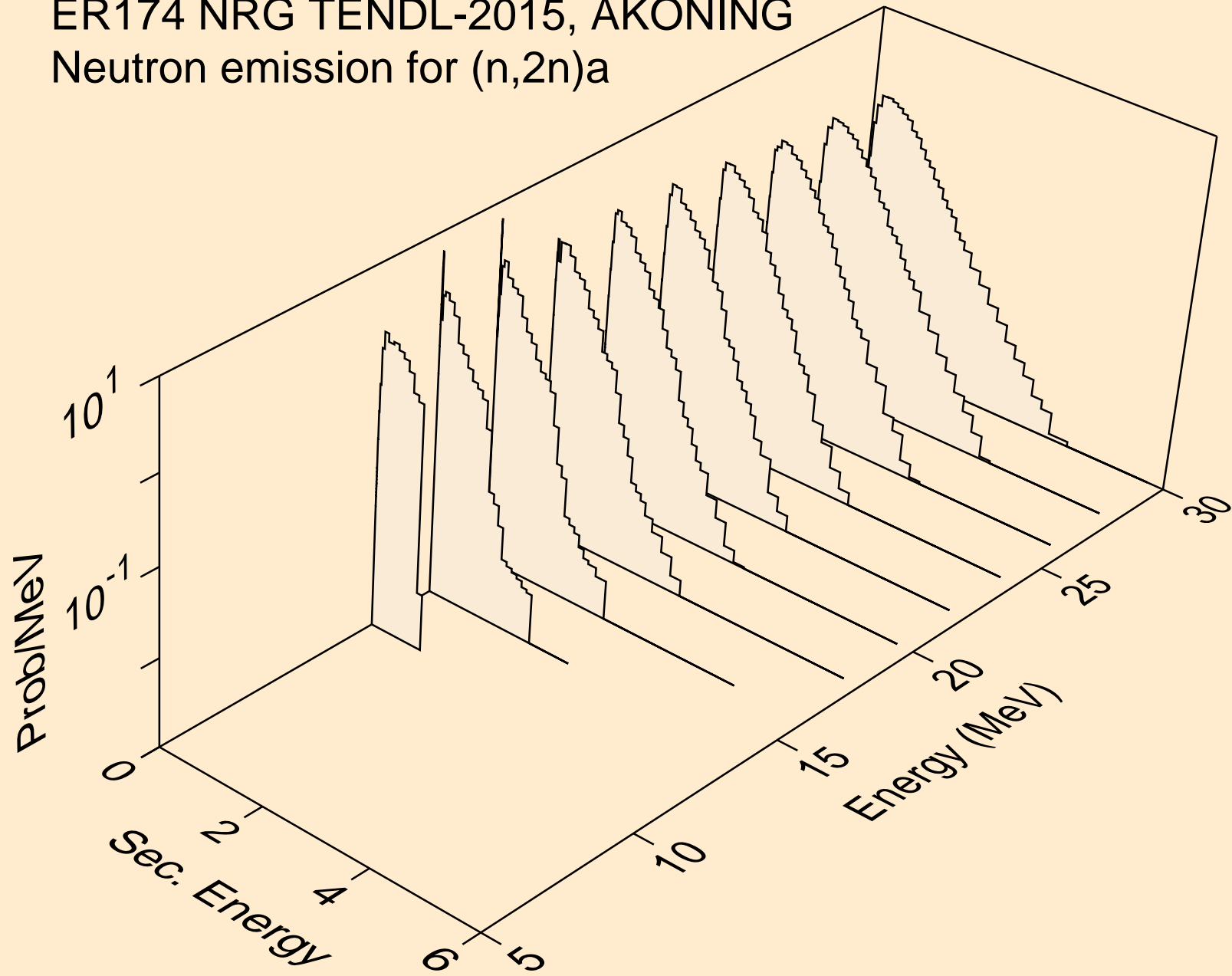




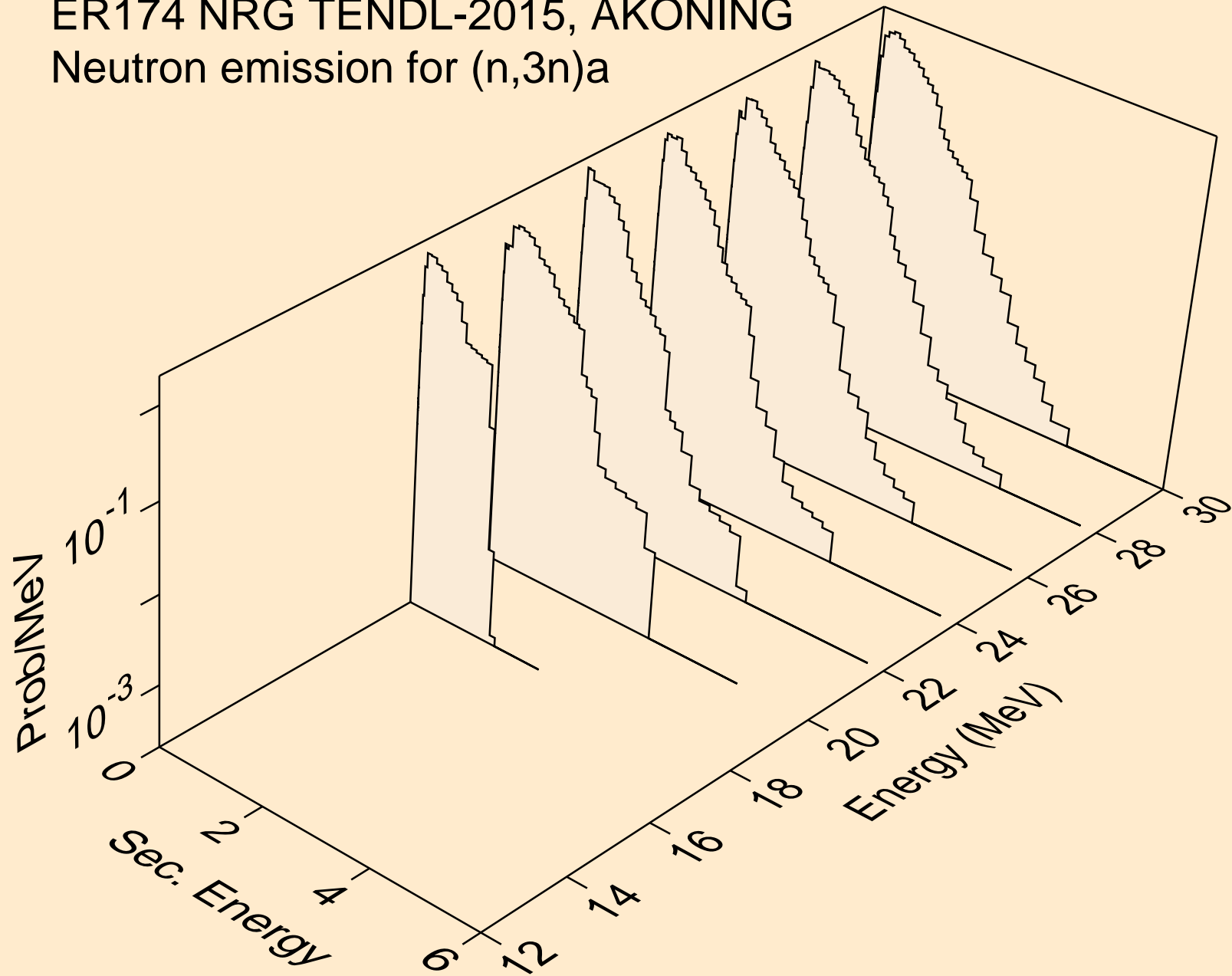
ER174 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



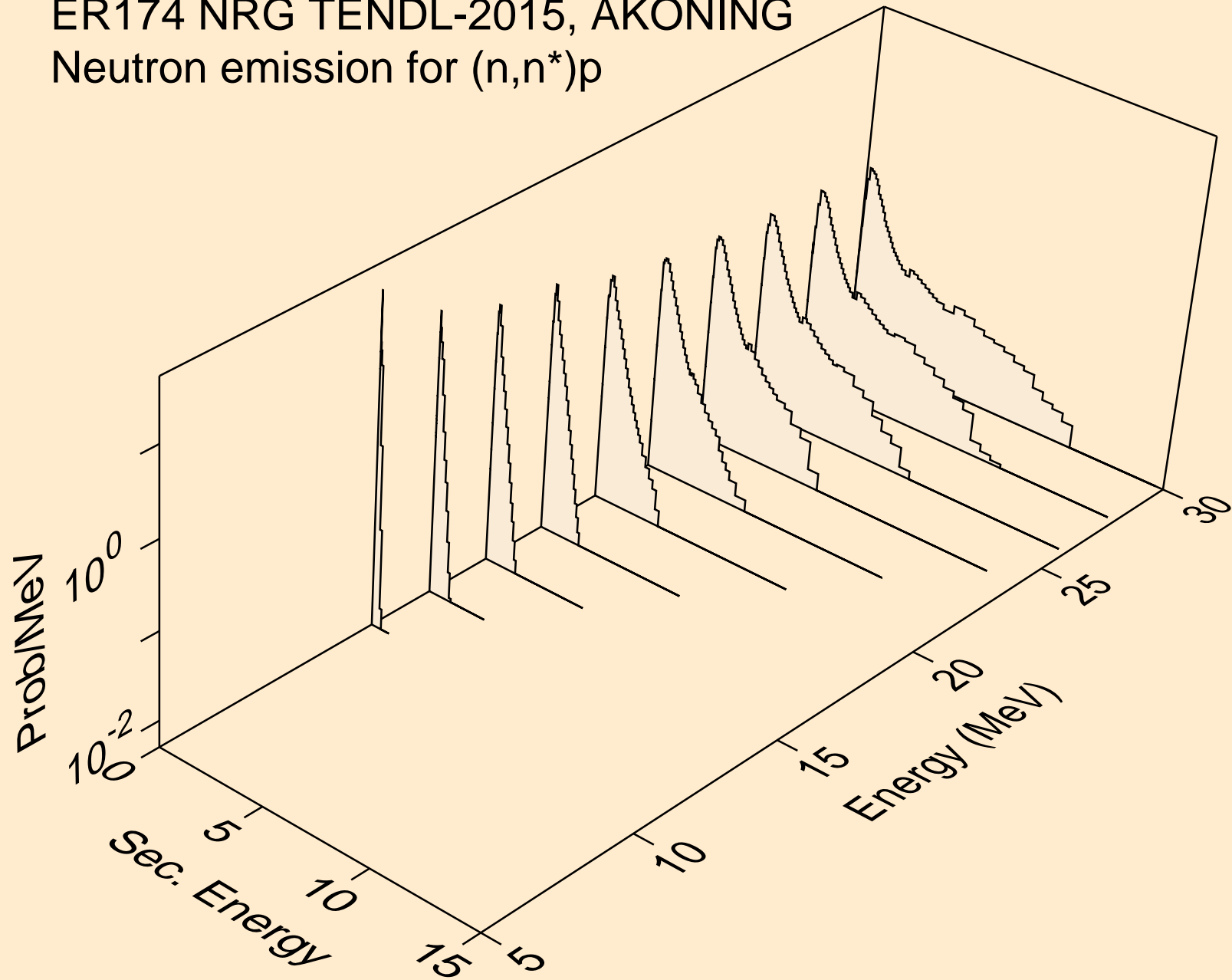
ER174 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



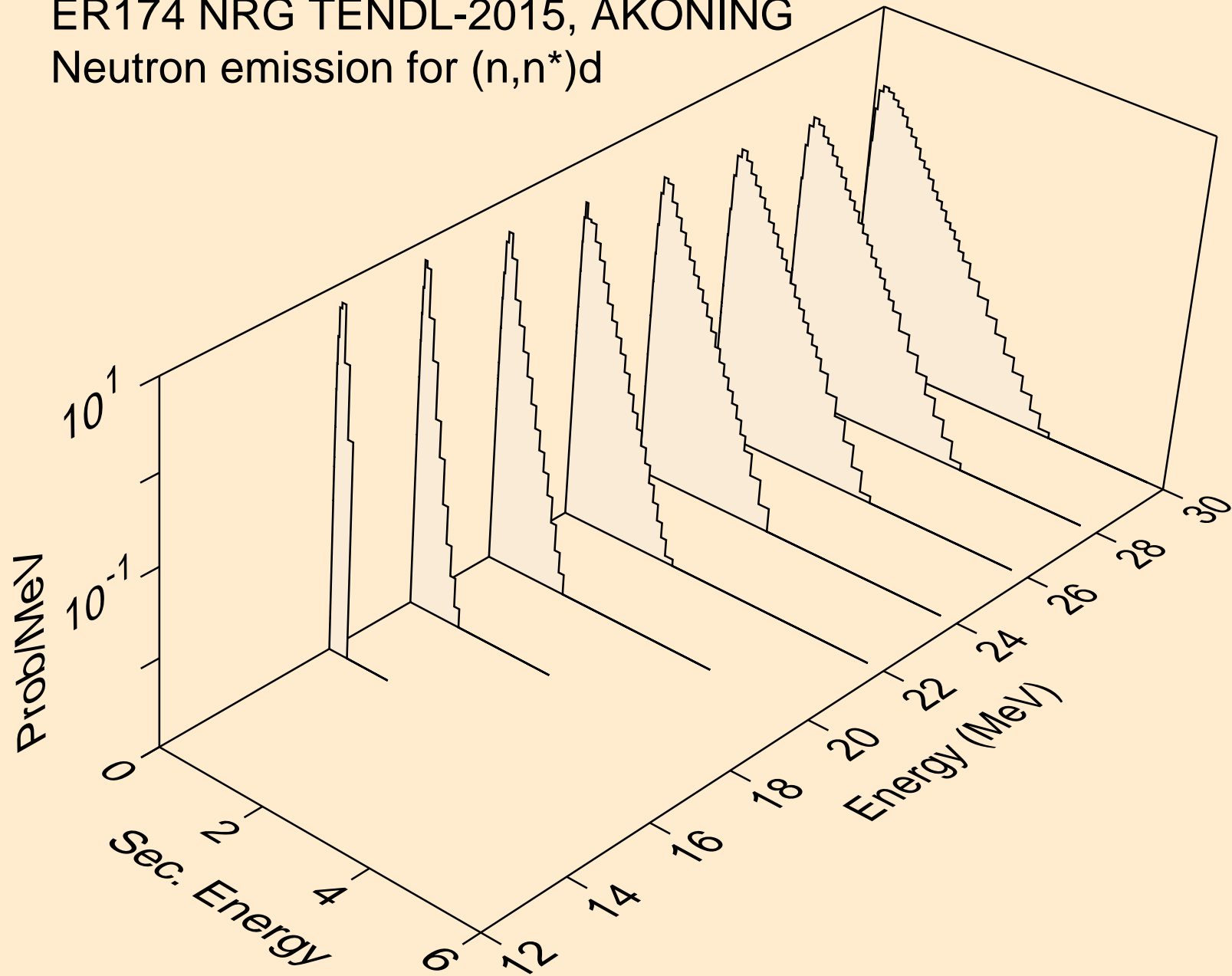
ER174 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



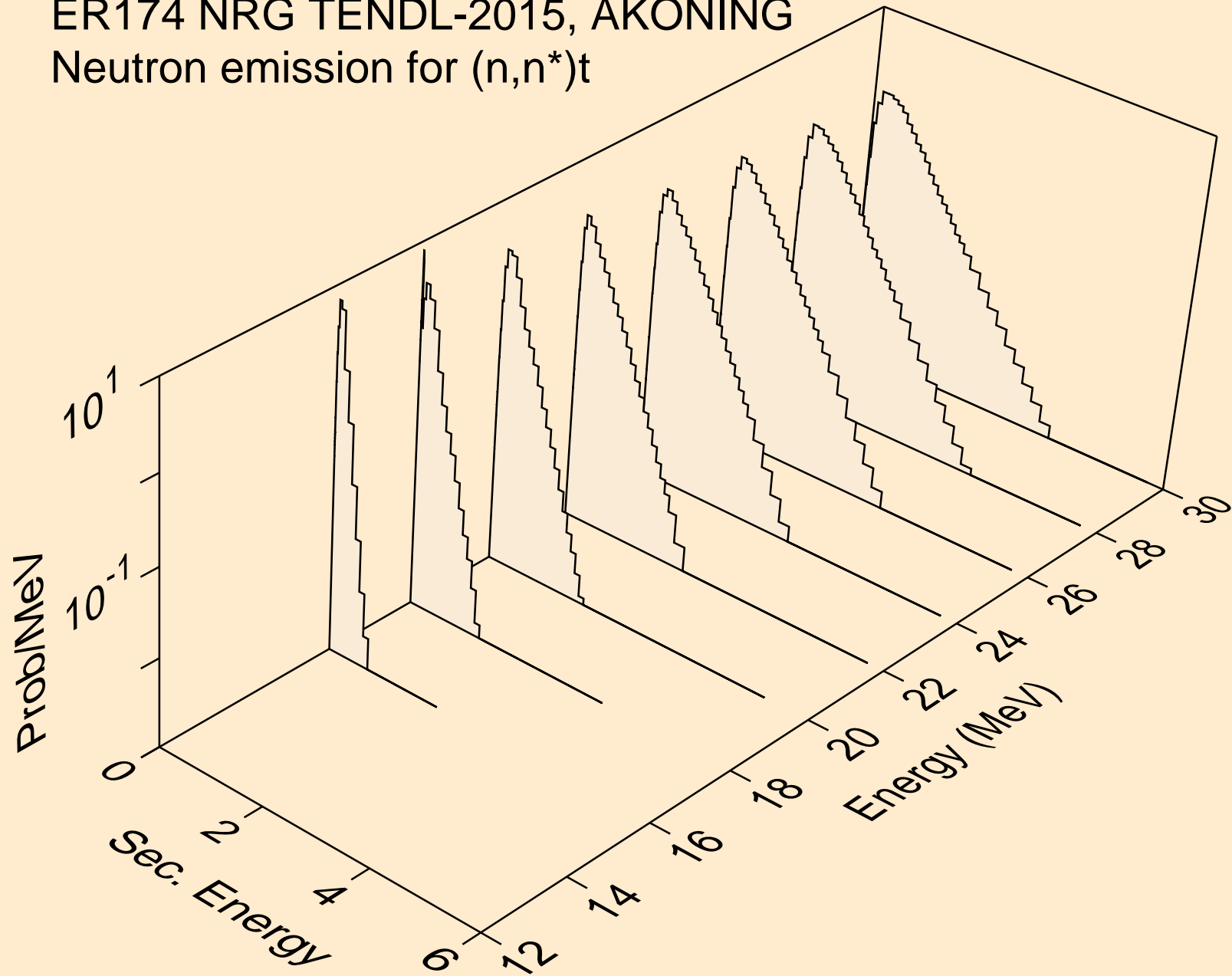
ER174 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



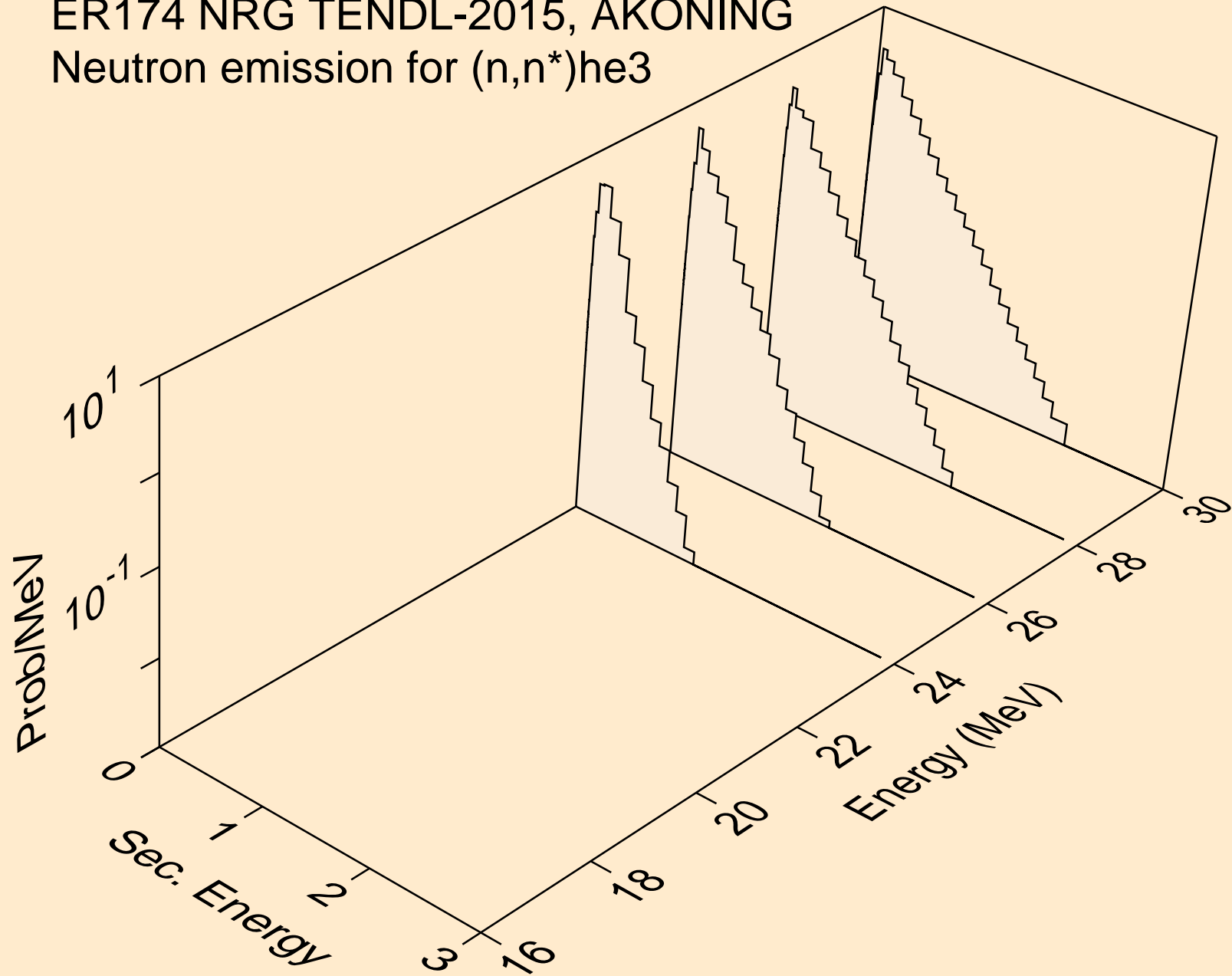
ER174 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



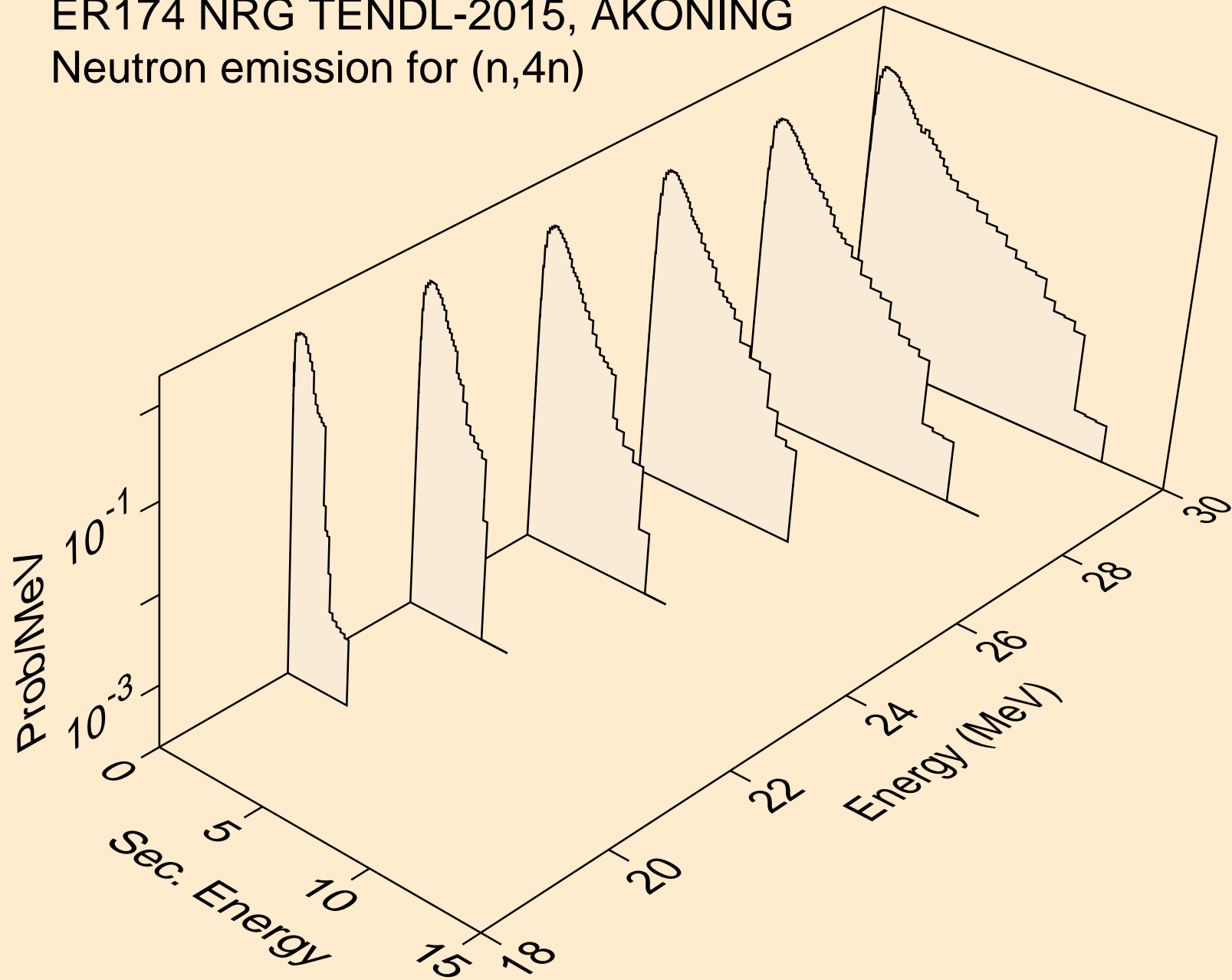
ER174 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



ER174 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

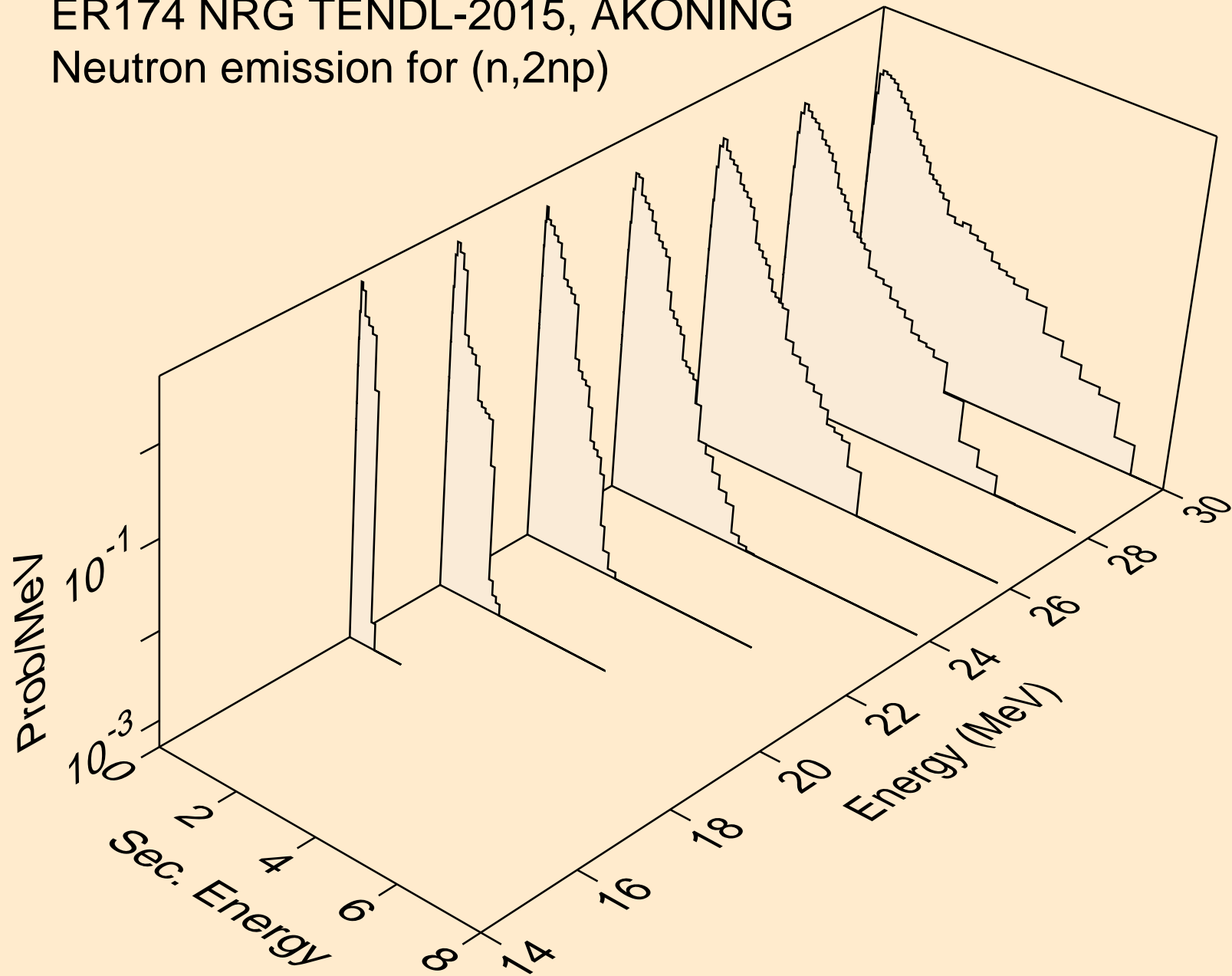


ER174 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)

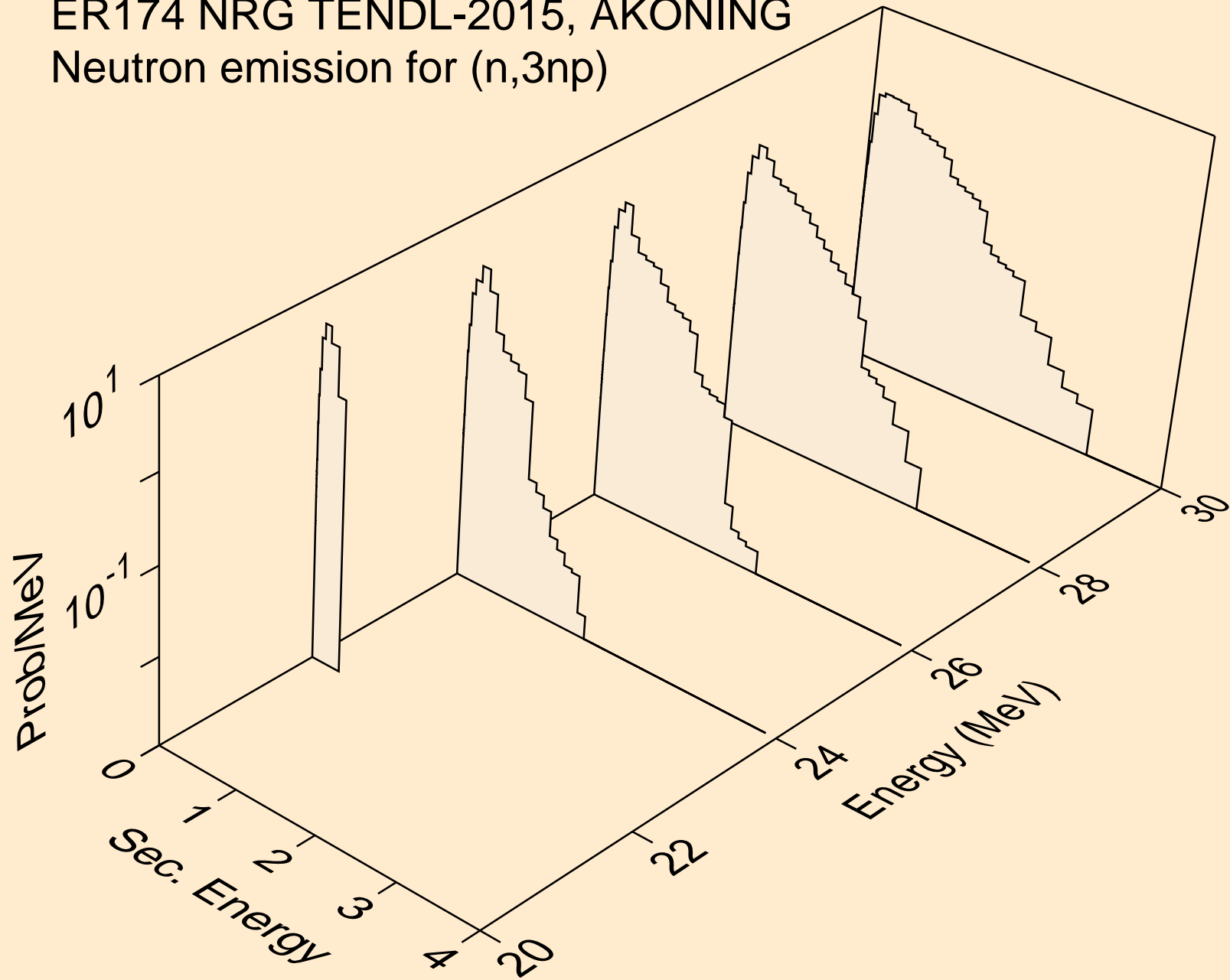




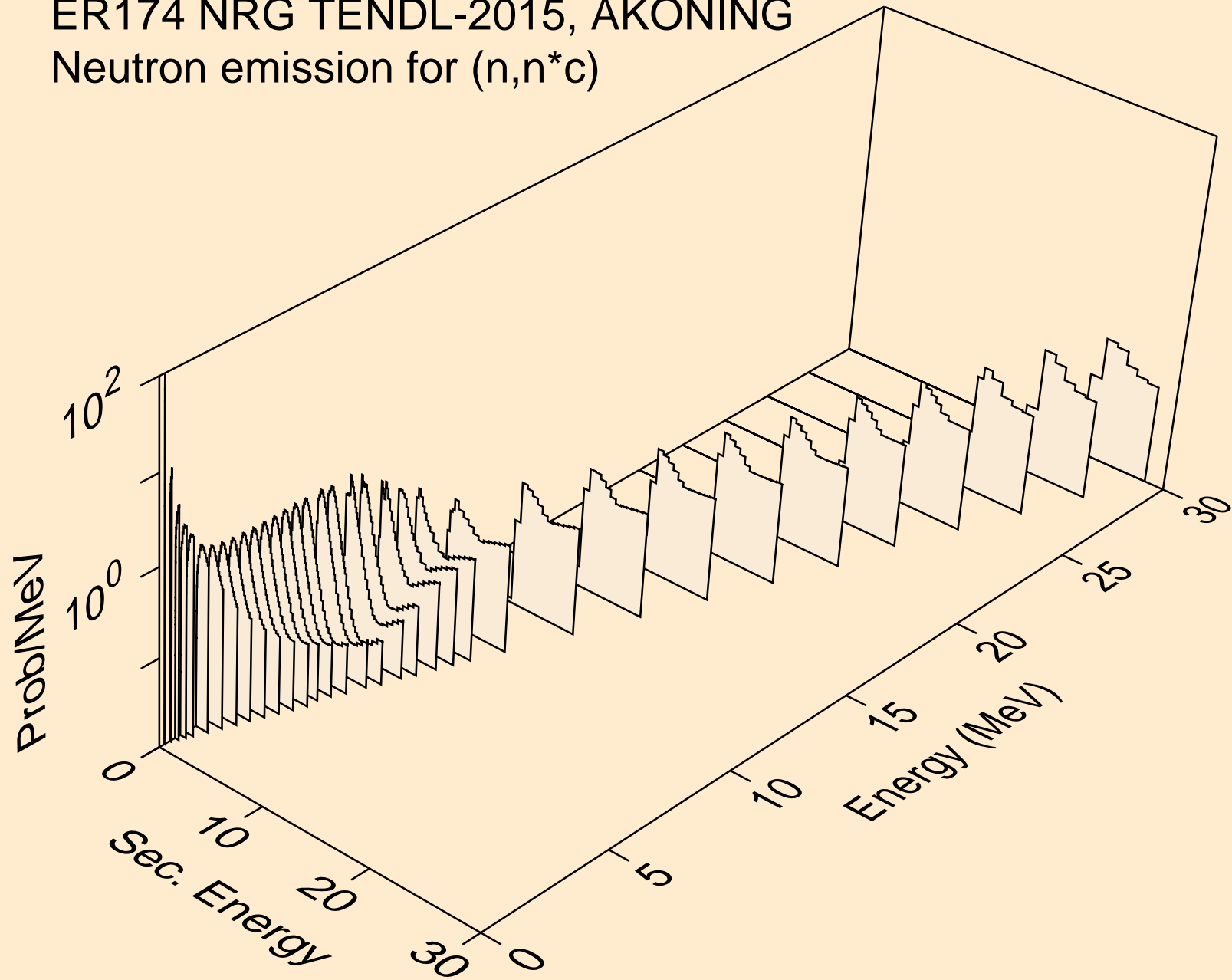
ER174 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



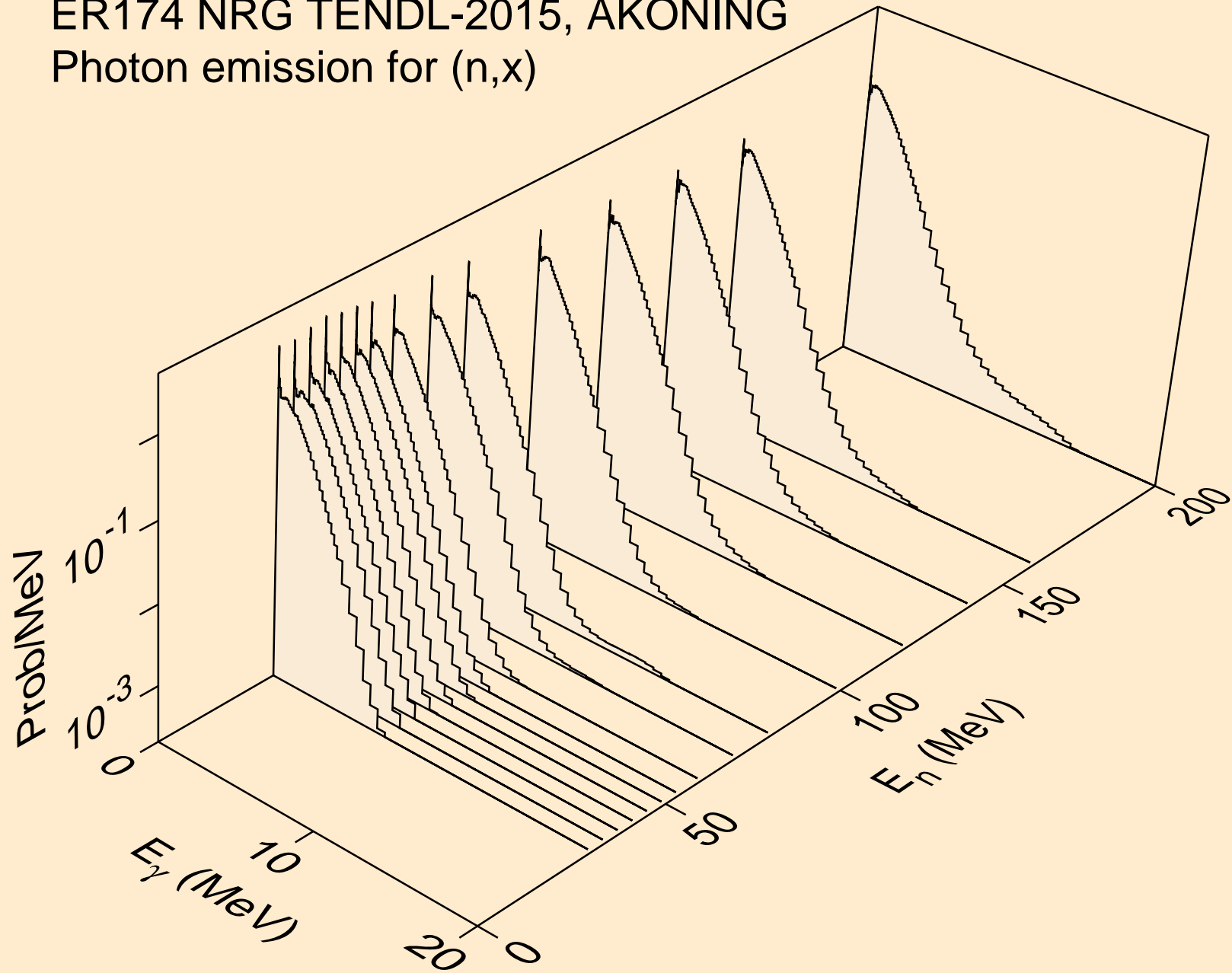
ER174 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



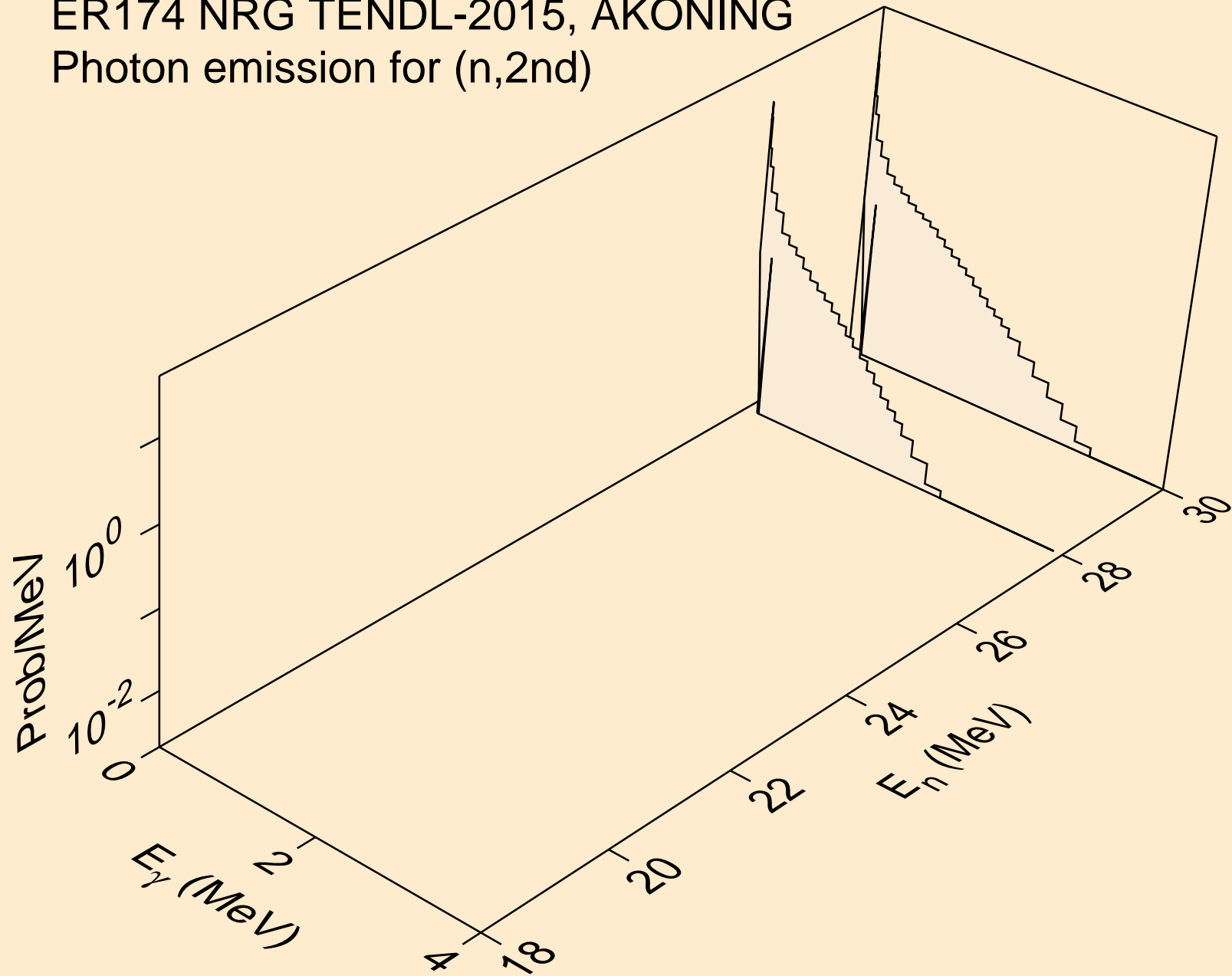
ER174 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



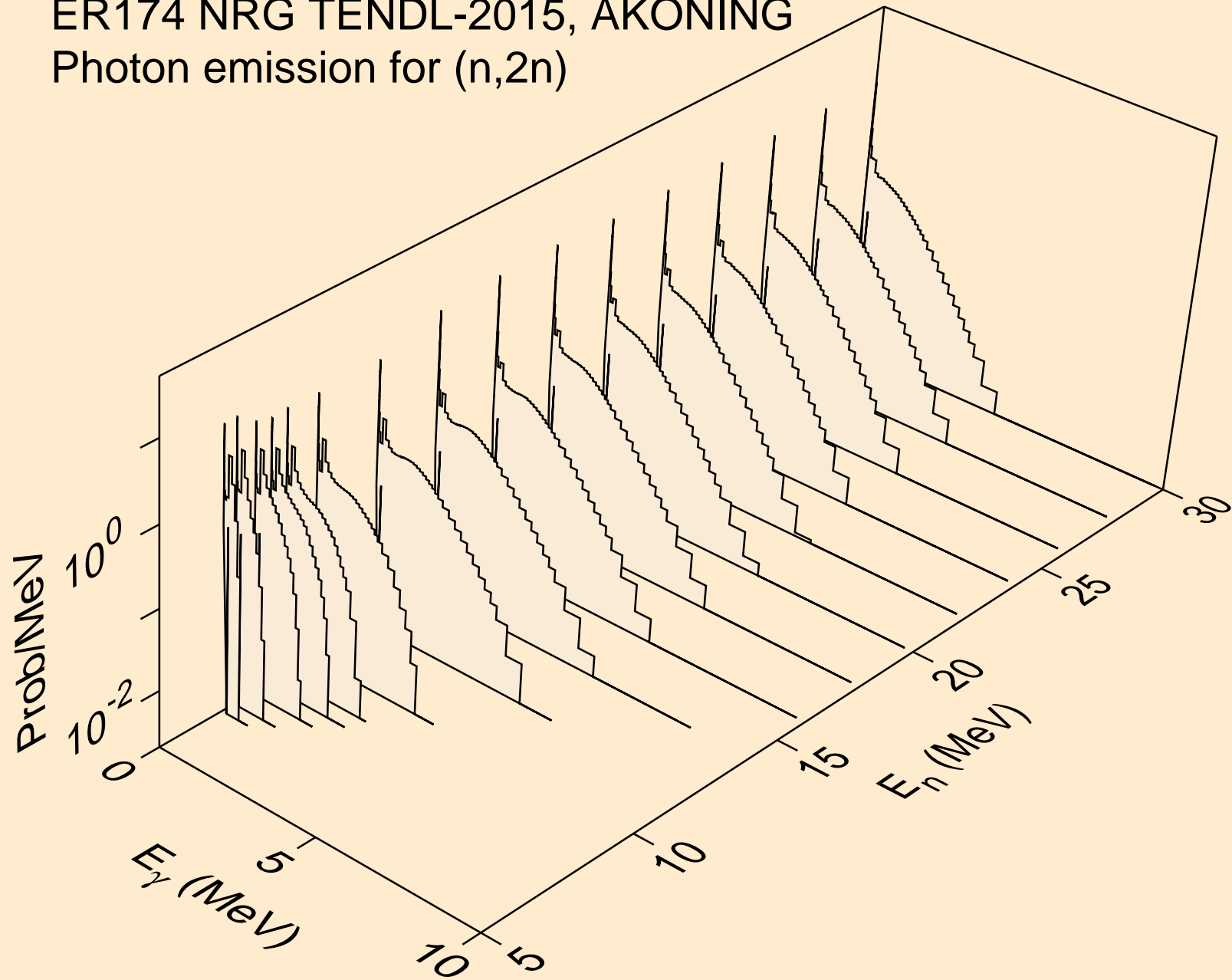
ER174 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



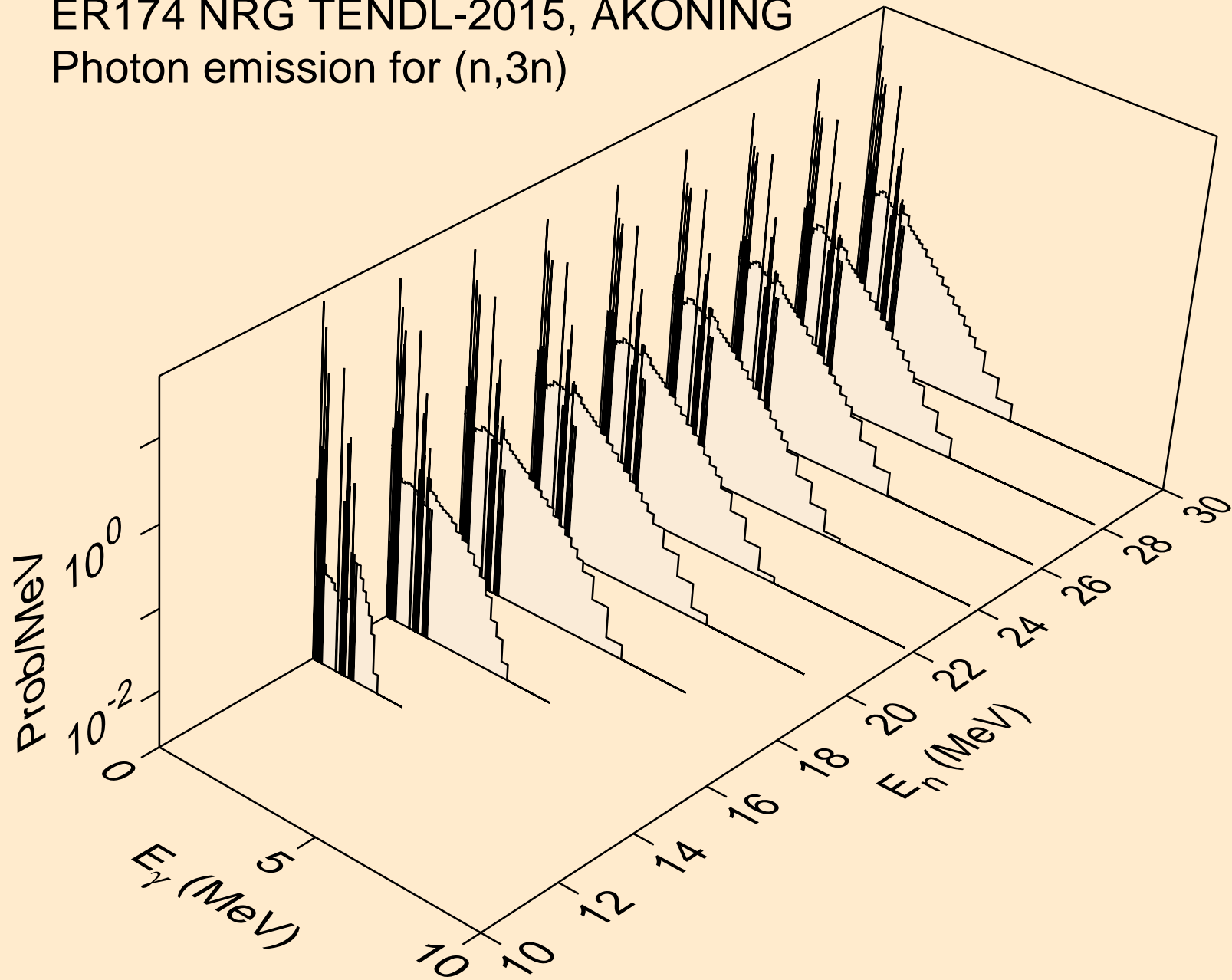
ER174 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



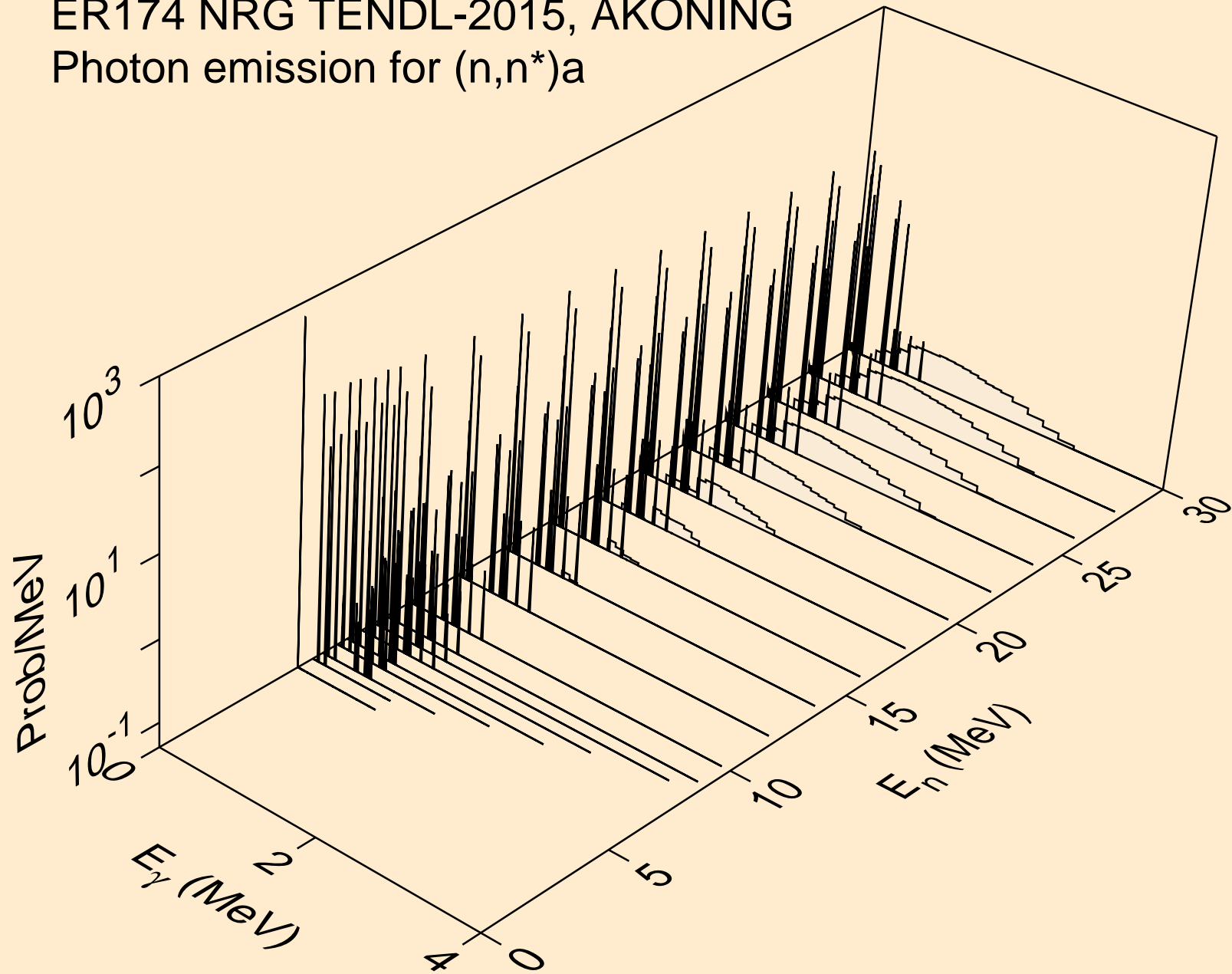
ER174 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



ER174 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



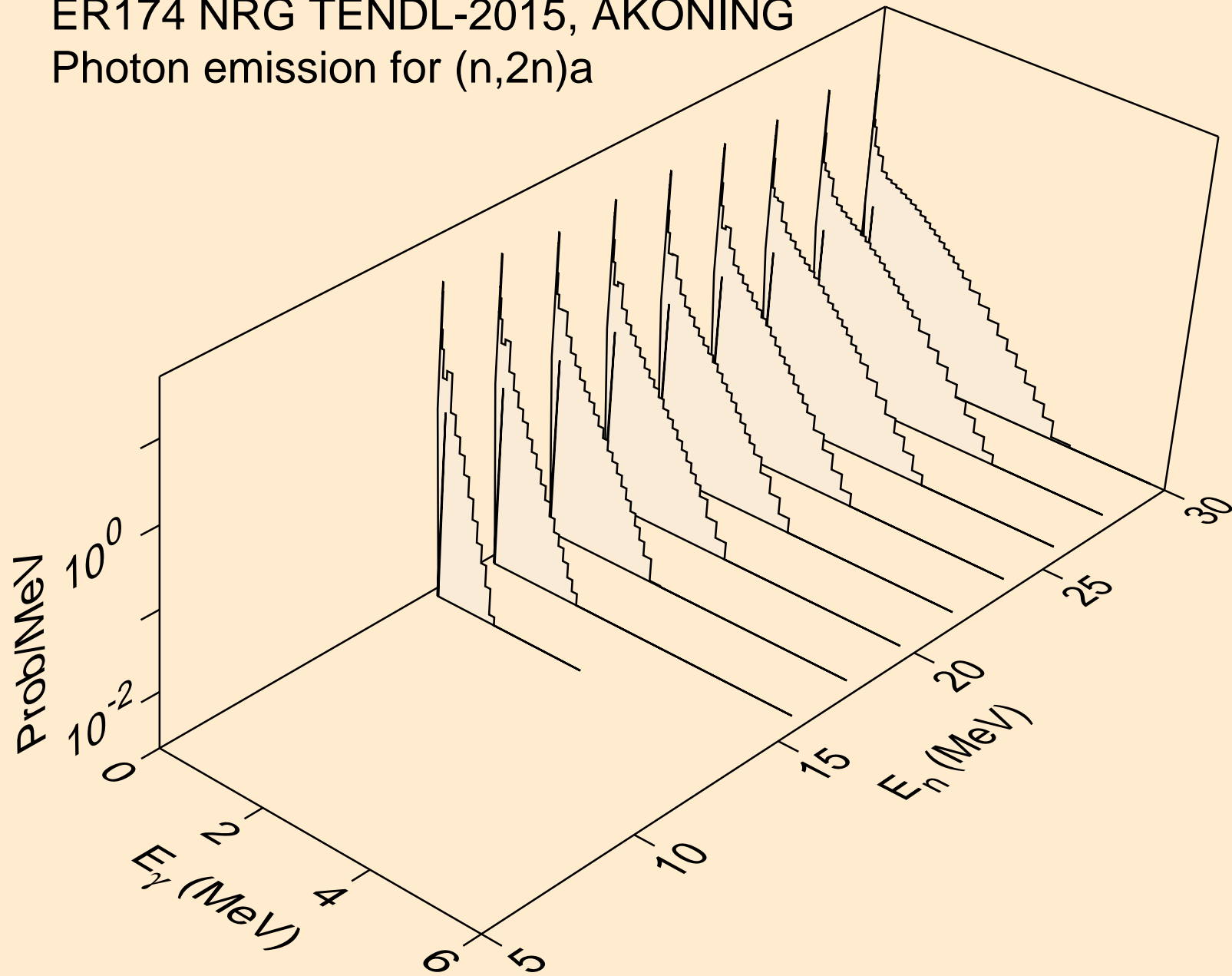
ER174 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



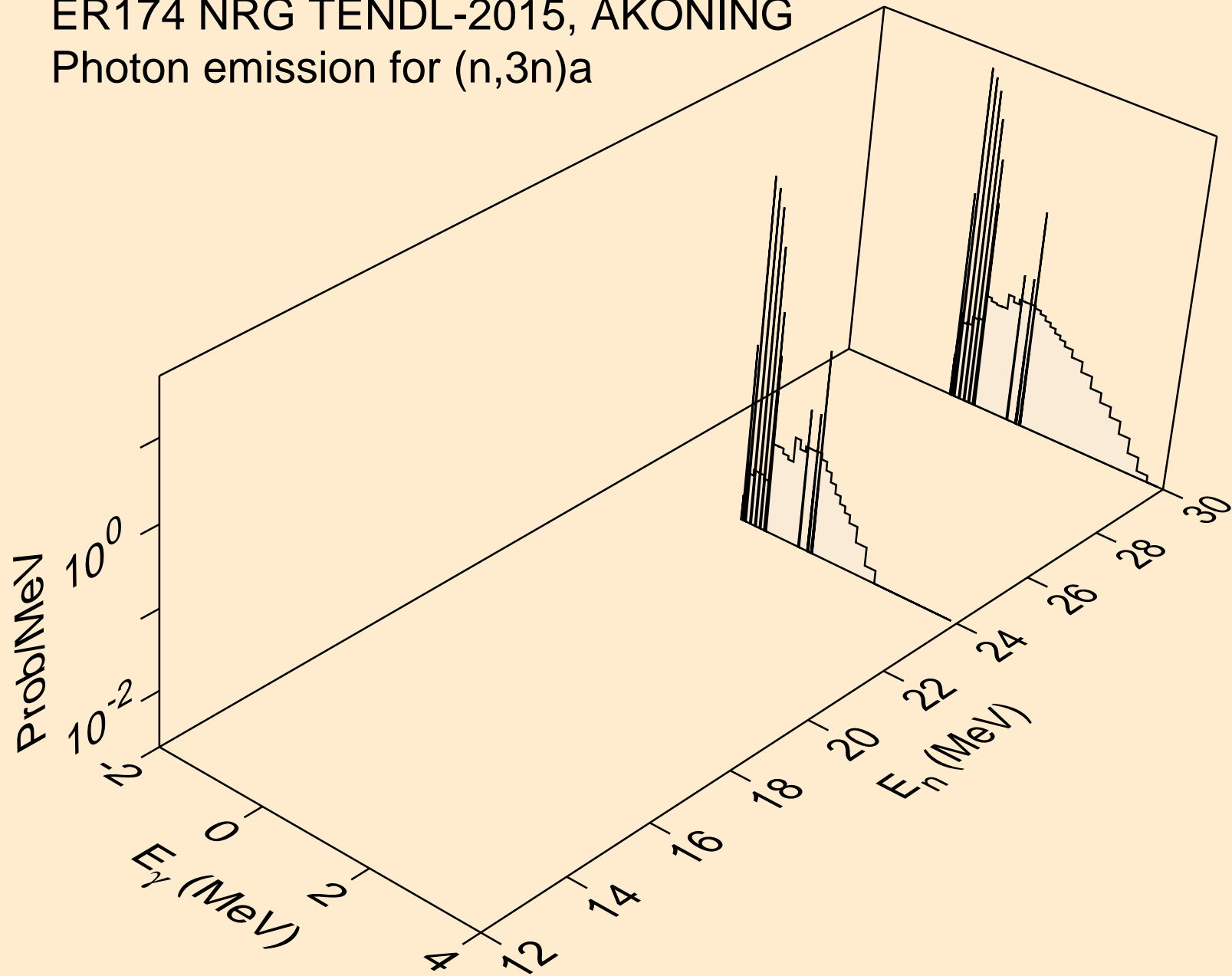


ER174 NRG TENDL-2015, AKONING

Photon emission for (n,2n) $\alpha$

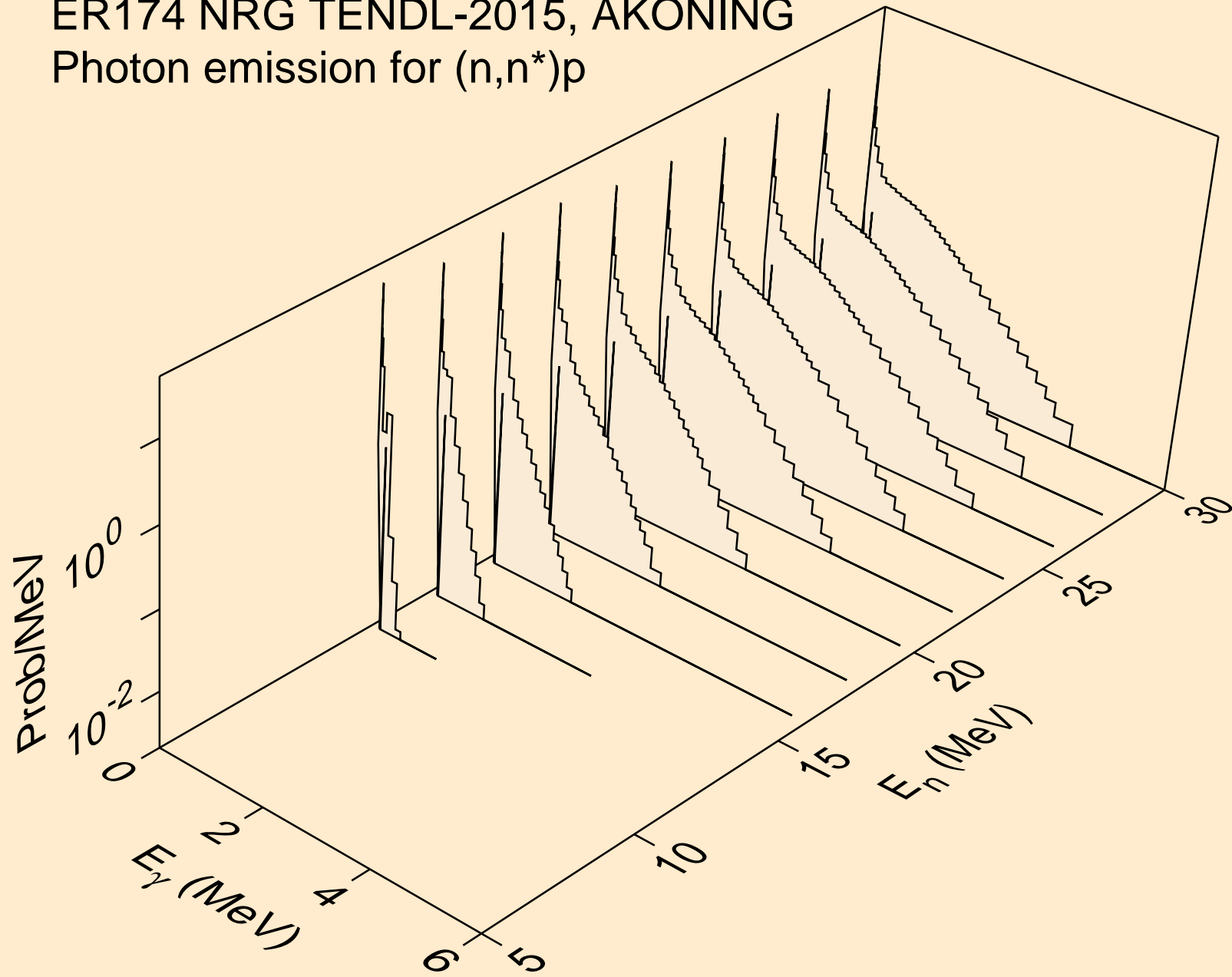


ER174 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

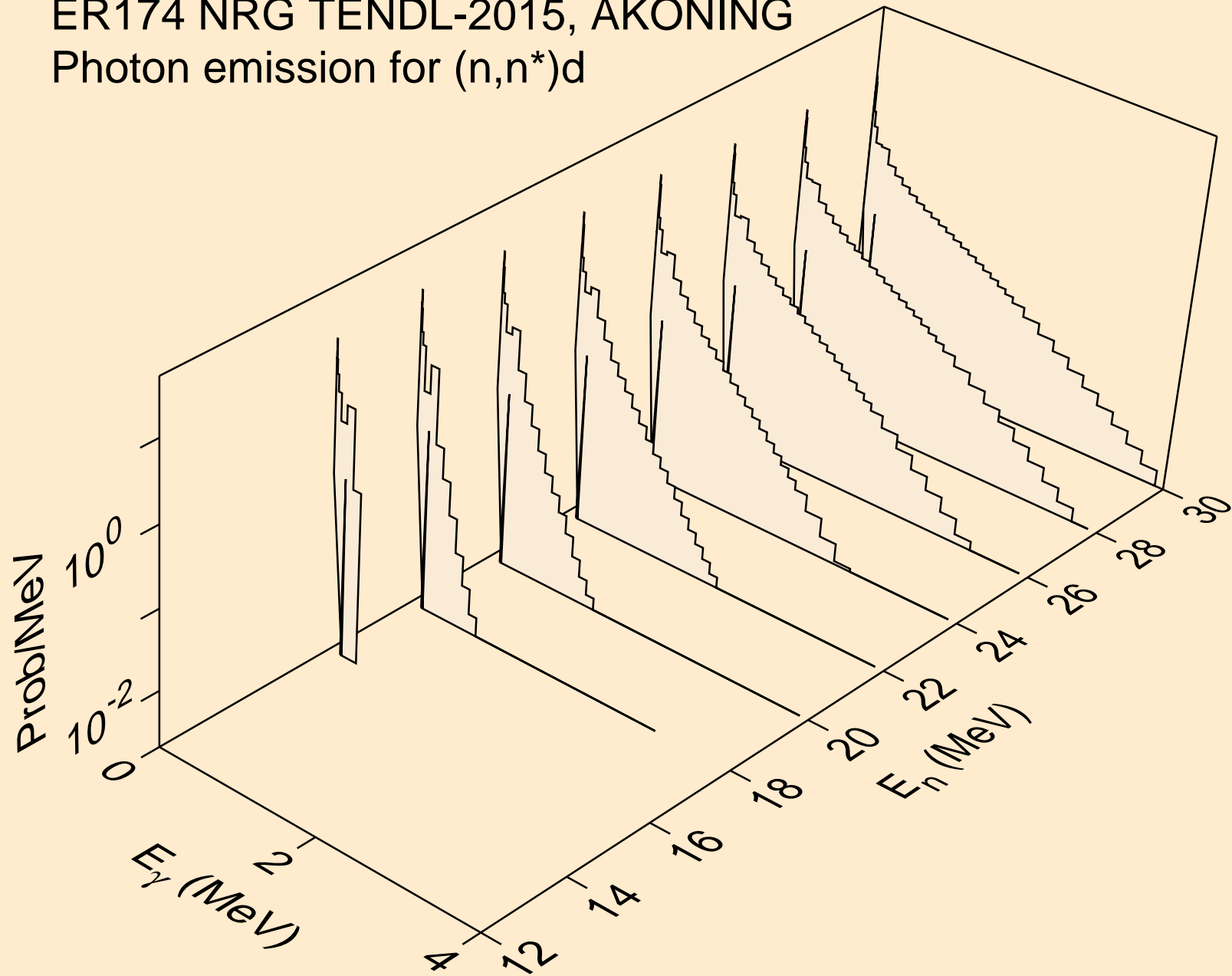


ER174 NRG TENDL-2015, AKONING

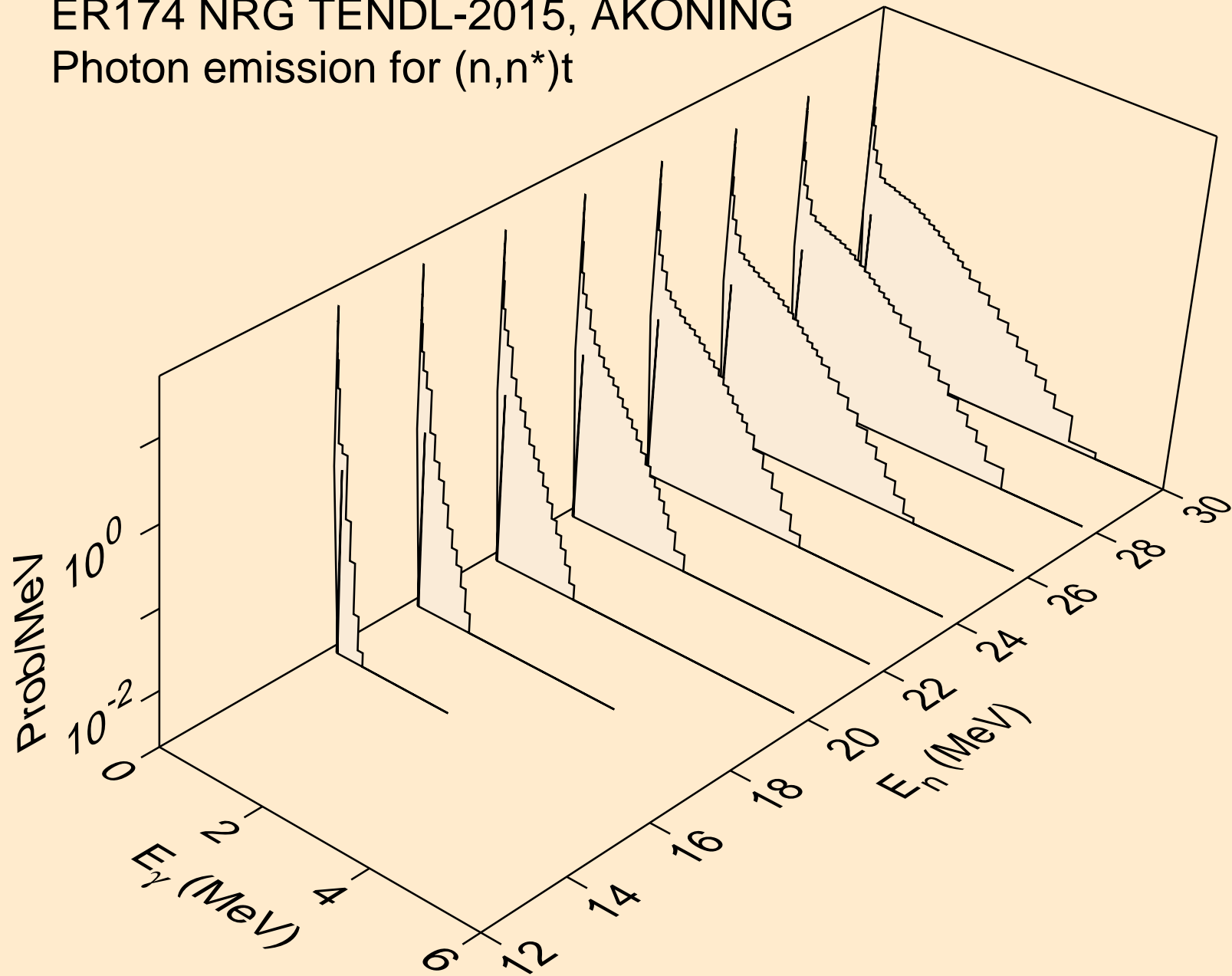
Photon emission for (n,n\*)p



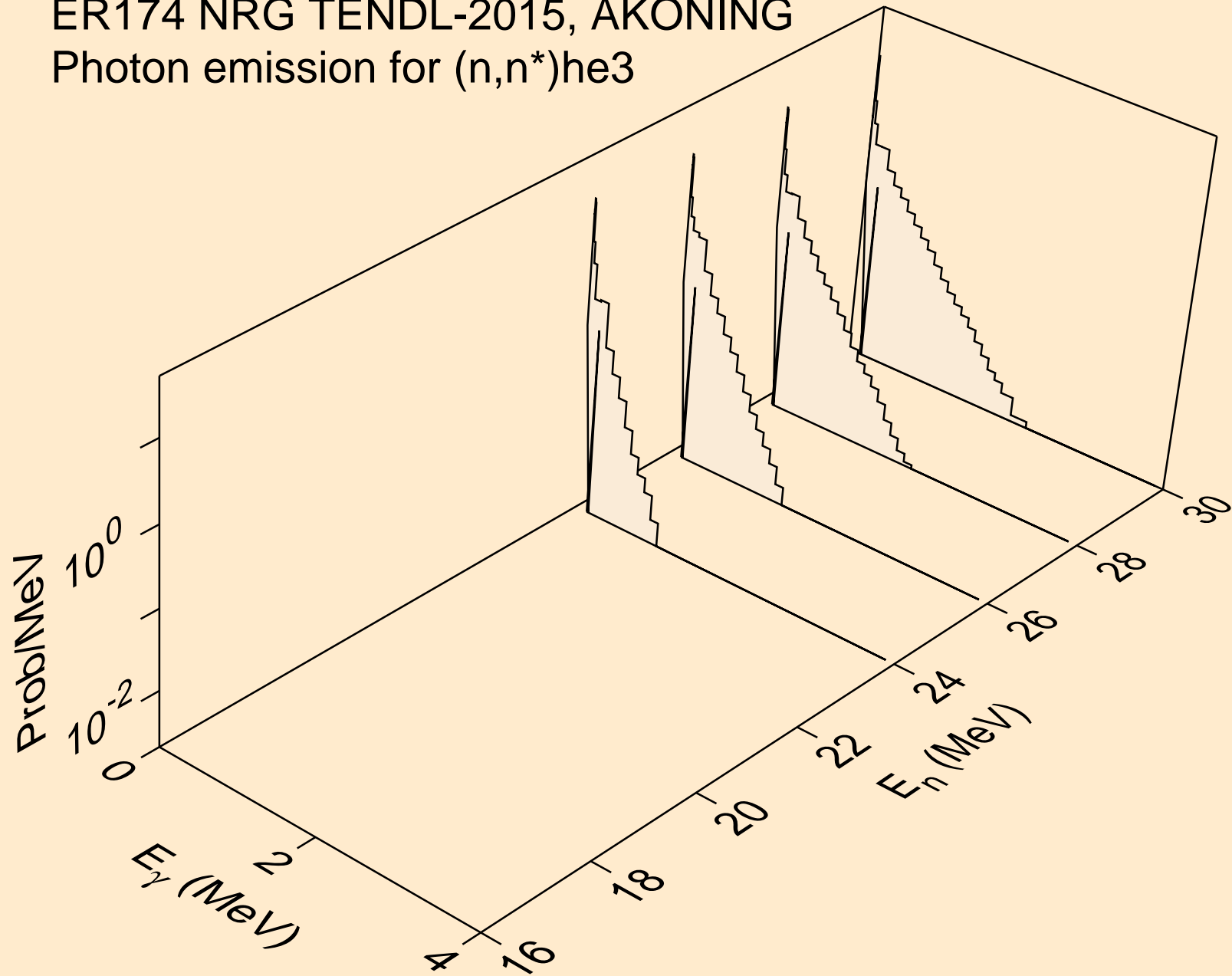
ER174 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



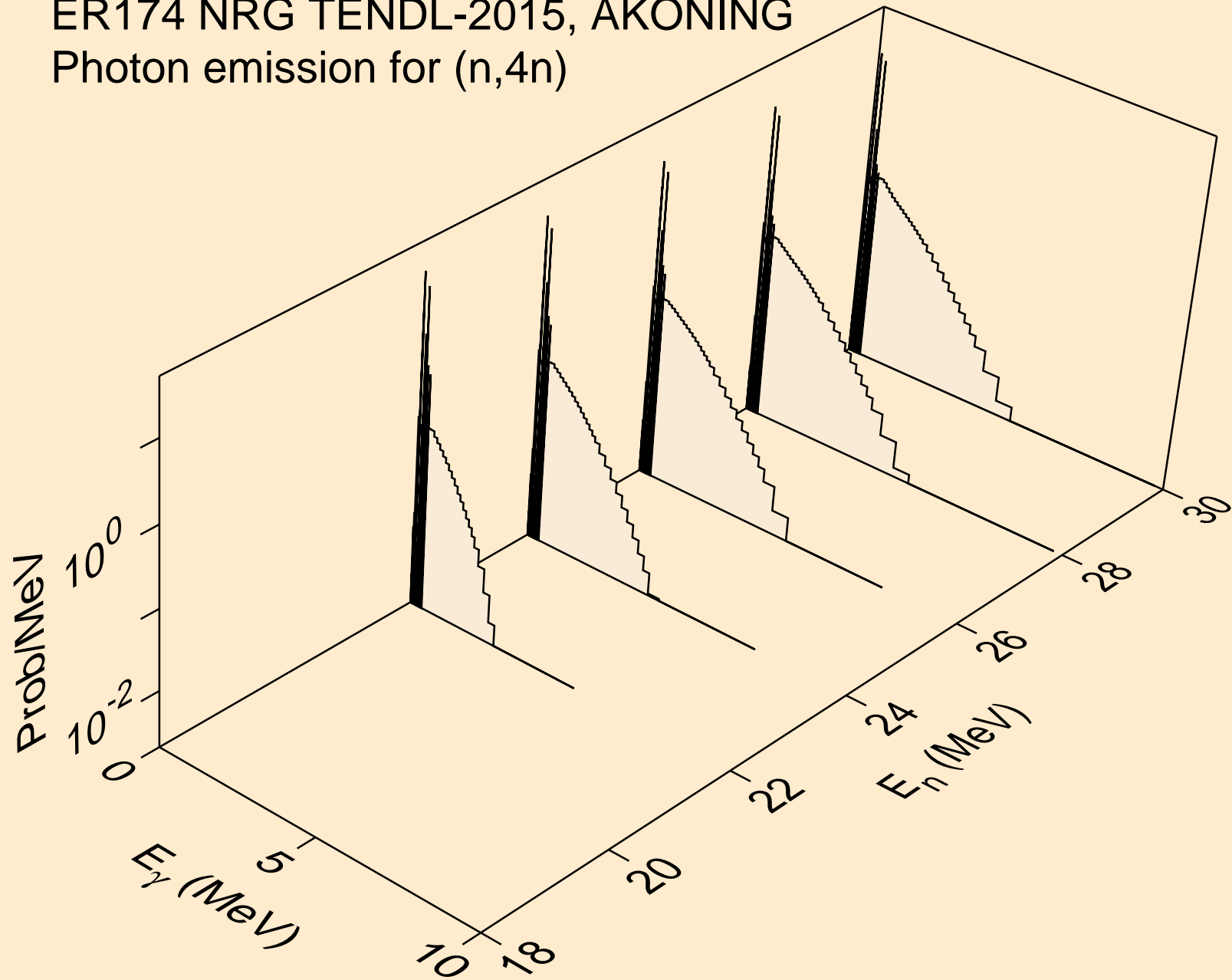
ER174 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



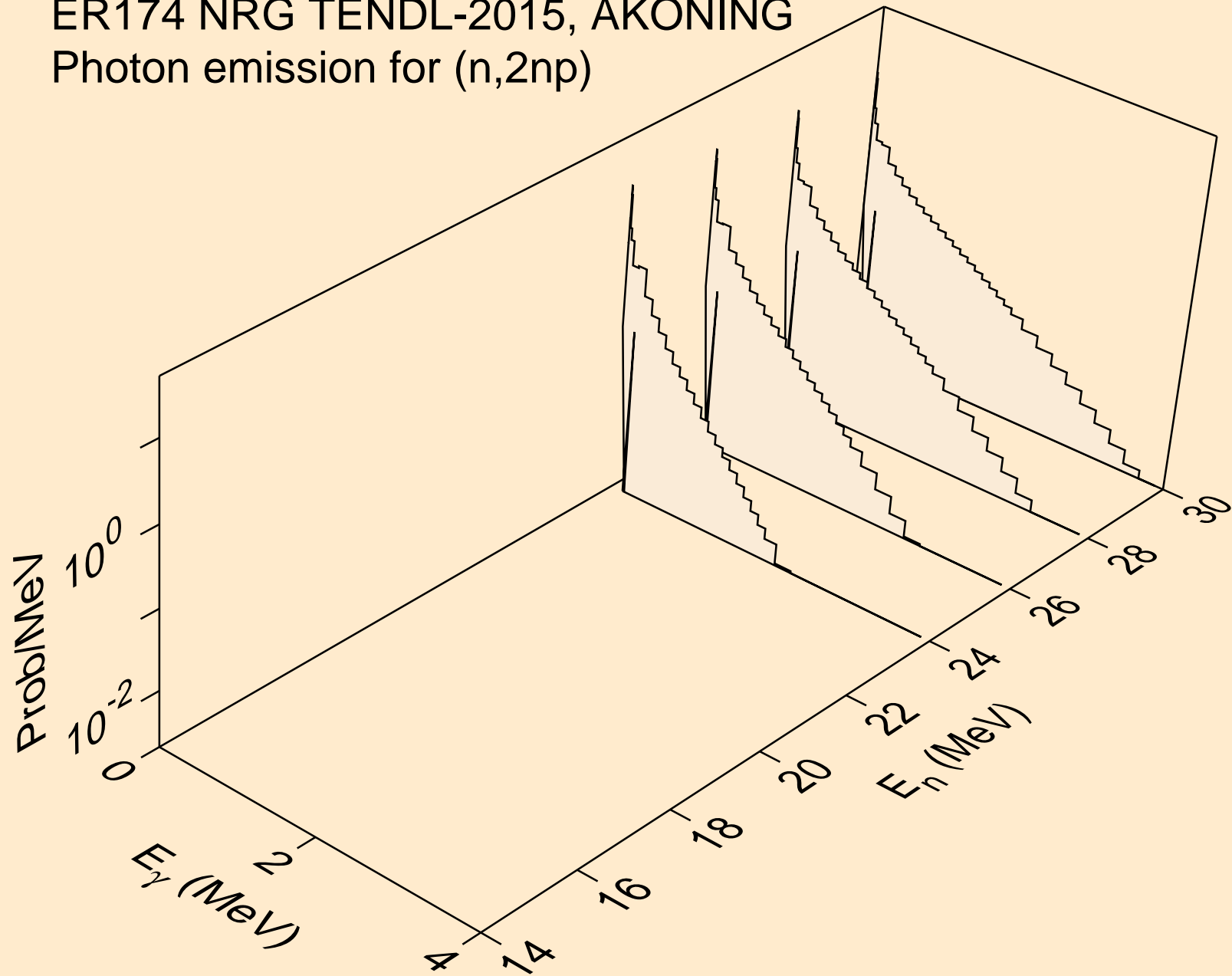
ER174 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



ER174 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)

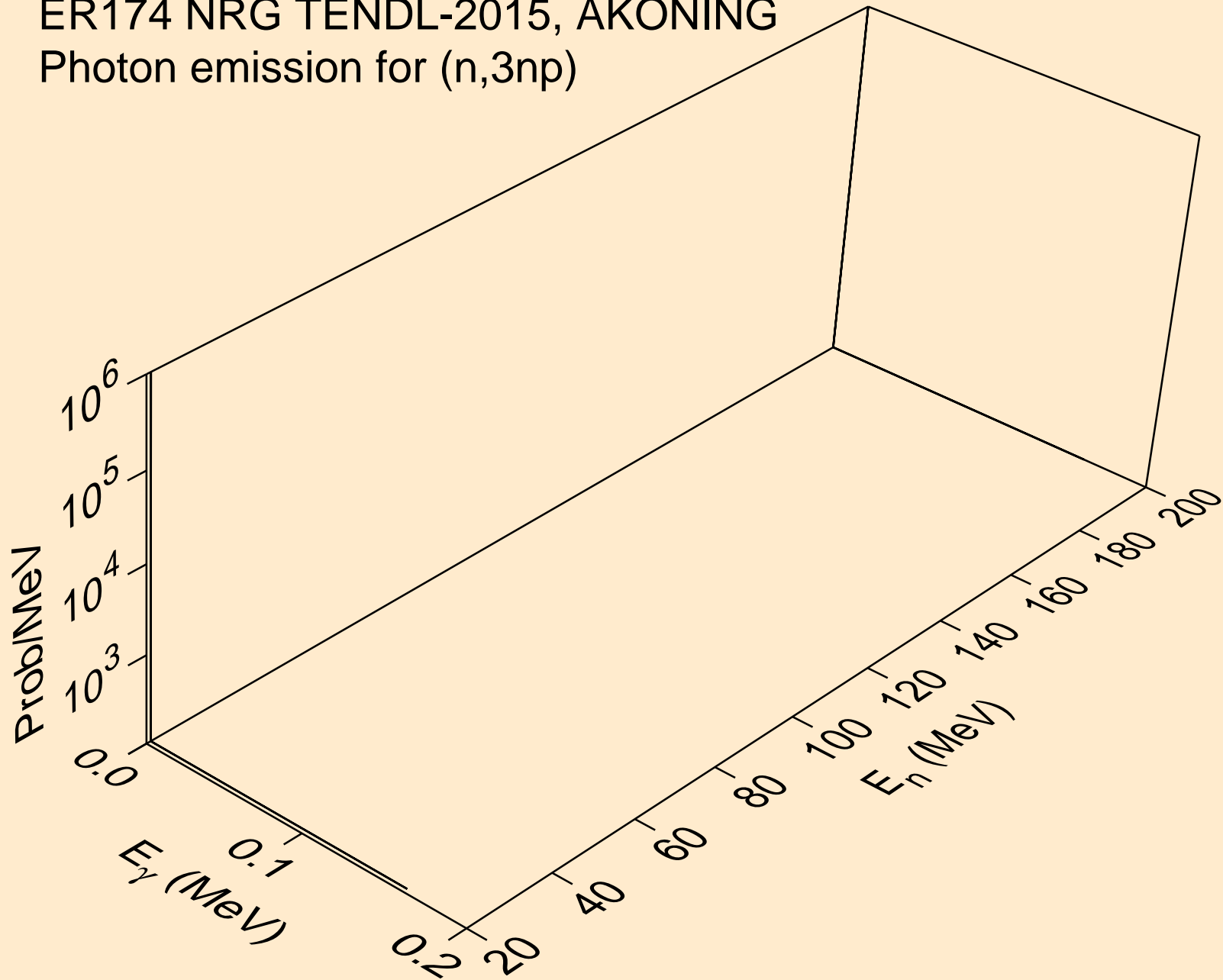


ER174 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

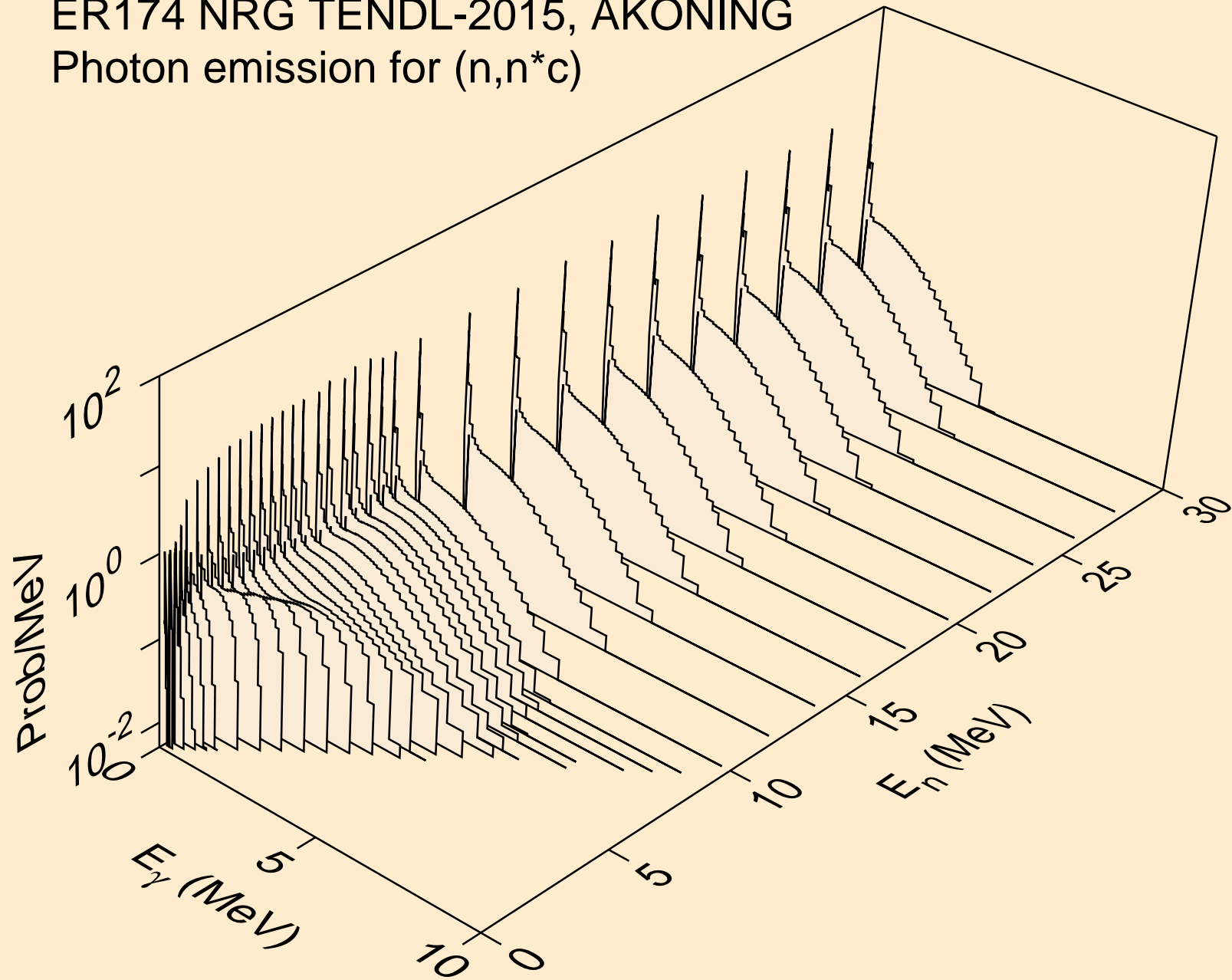




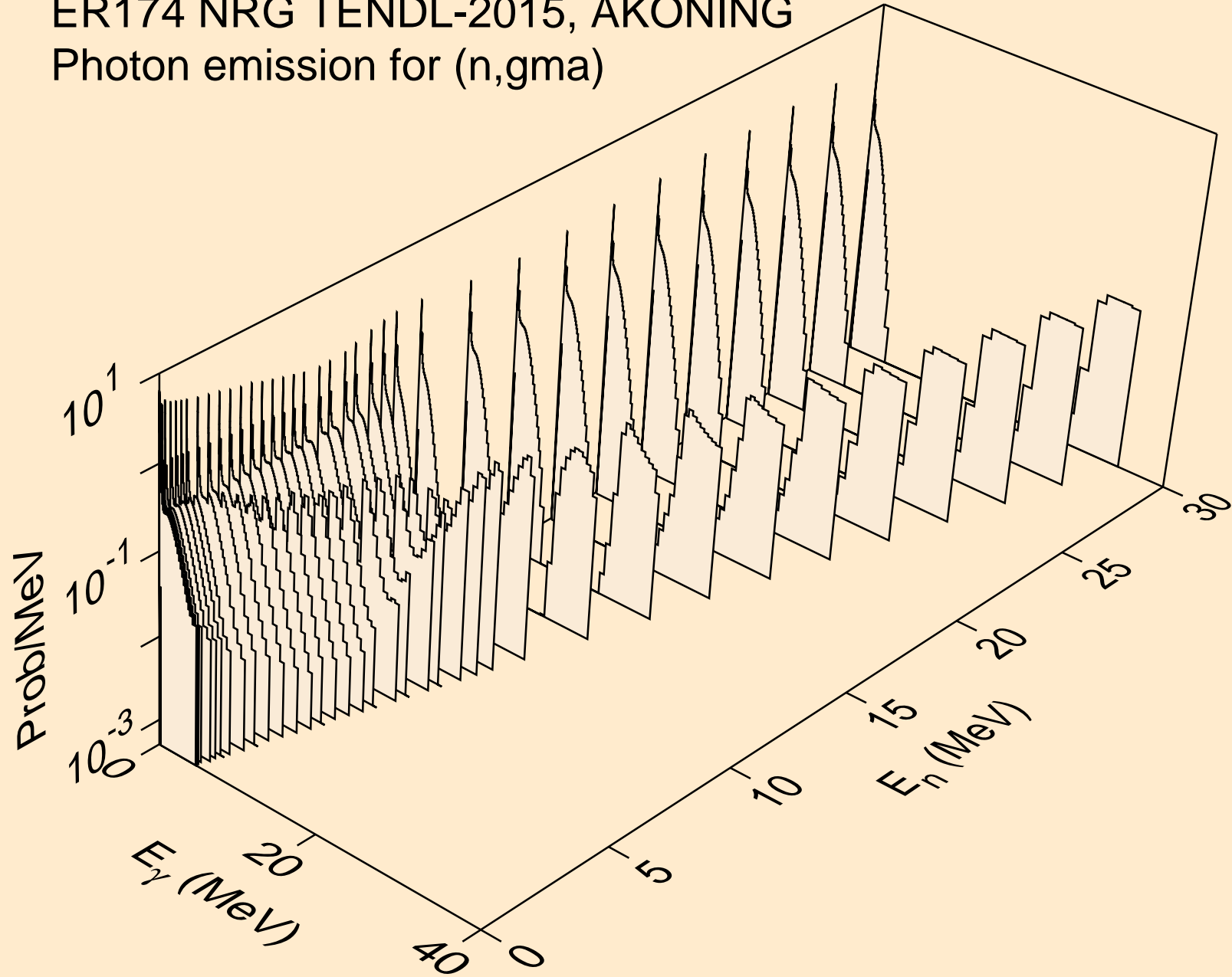
ER174 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



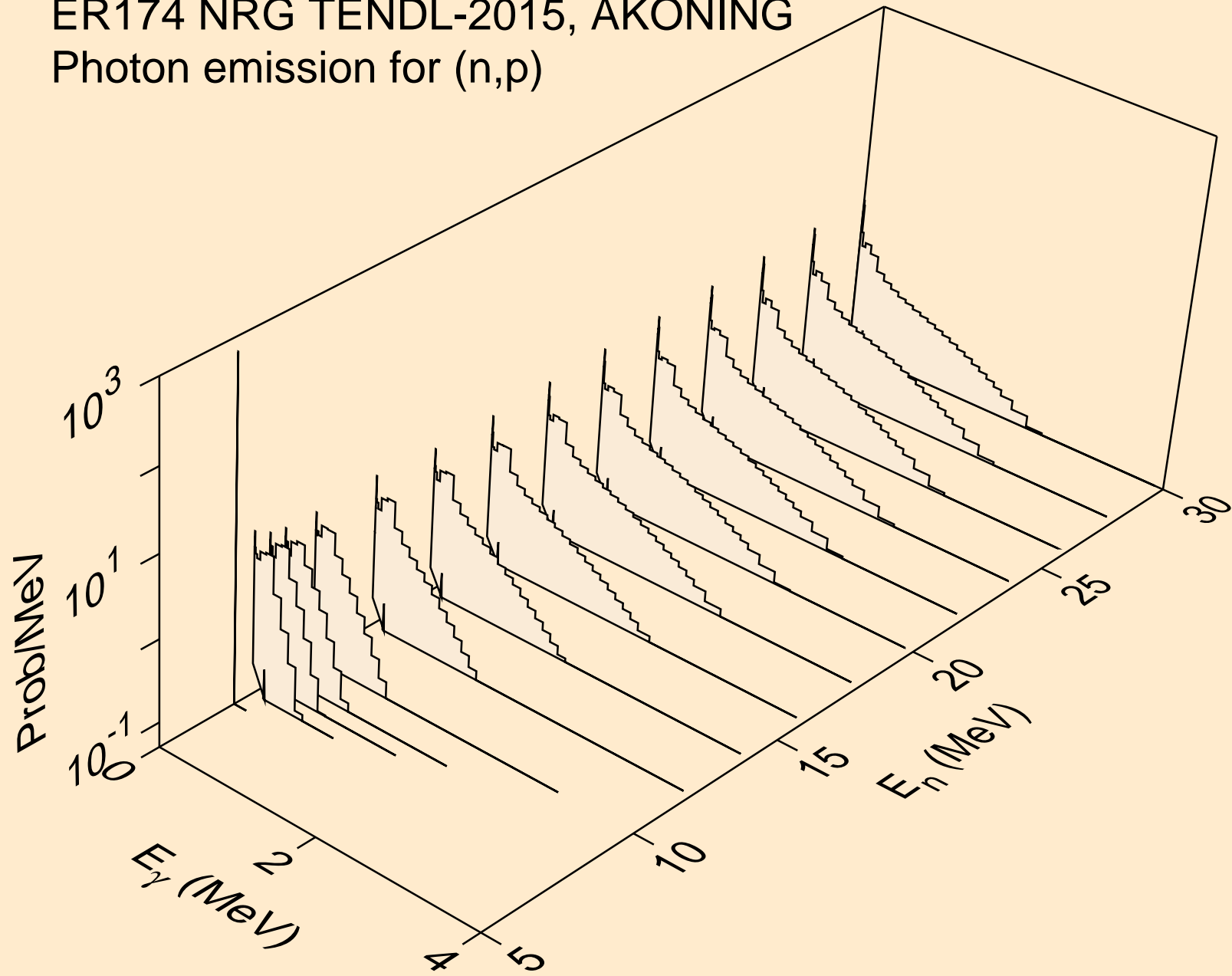
ER174 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



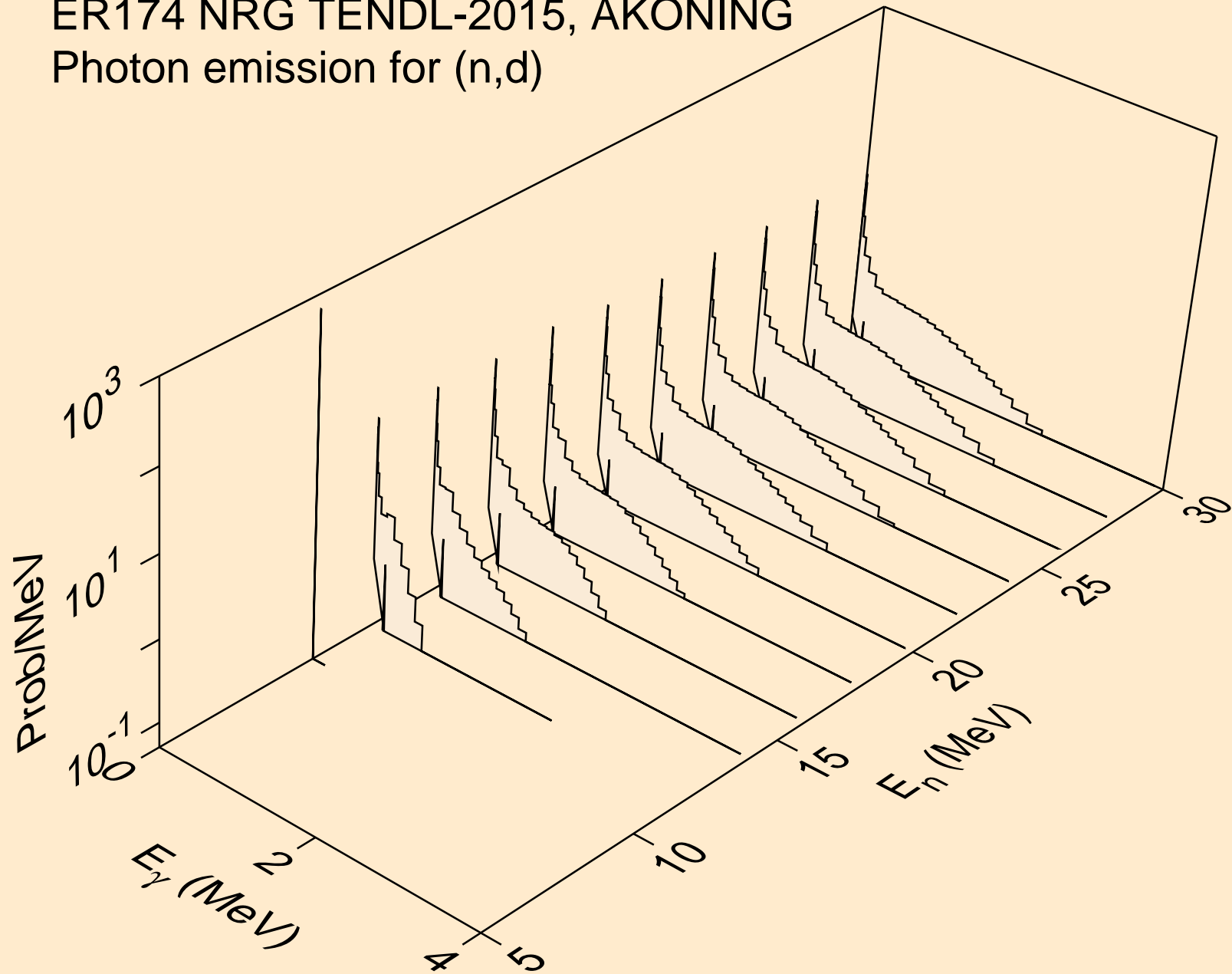
ER174 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



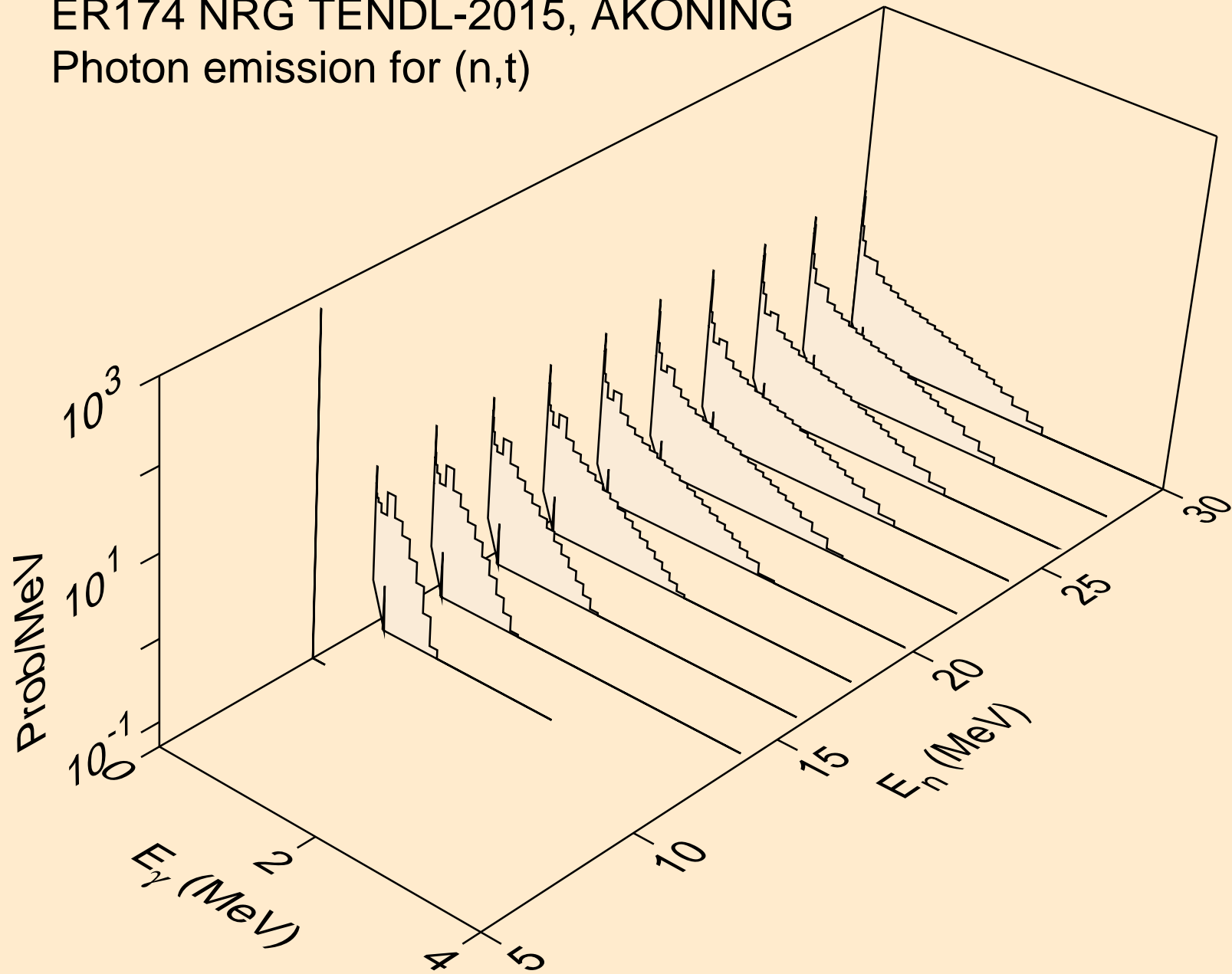
ER174 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



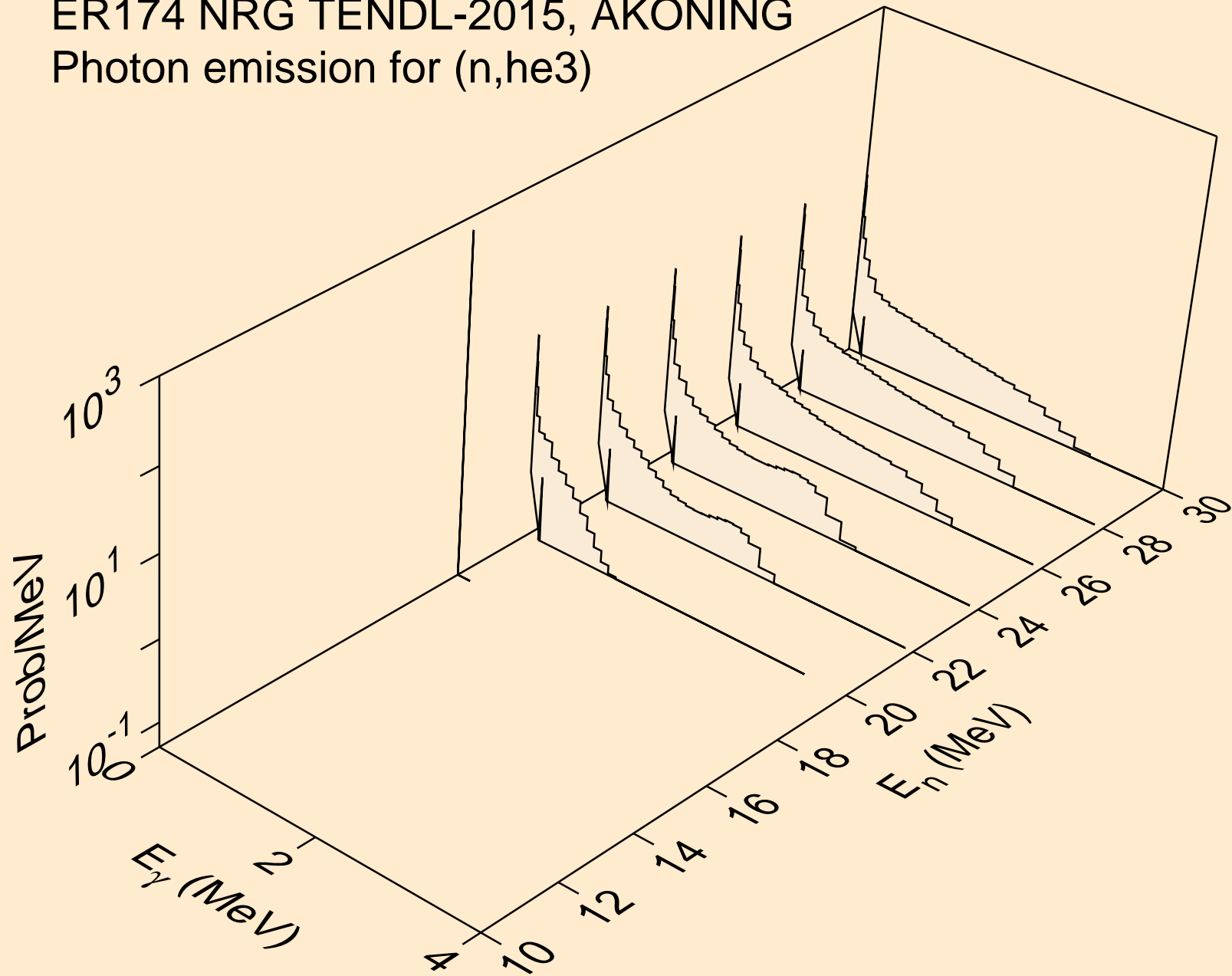
ER174 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



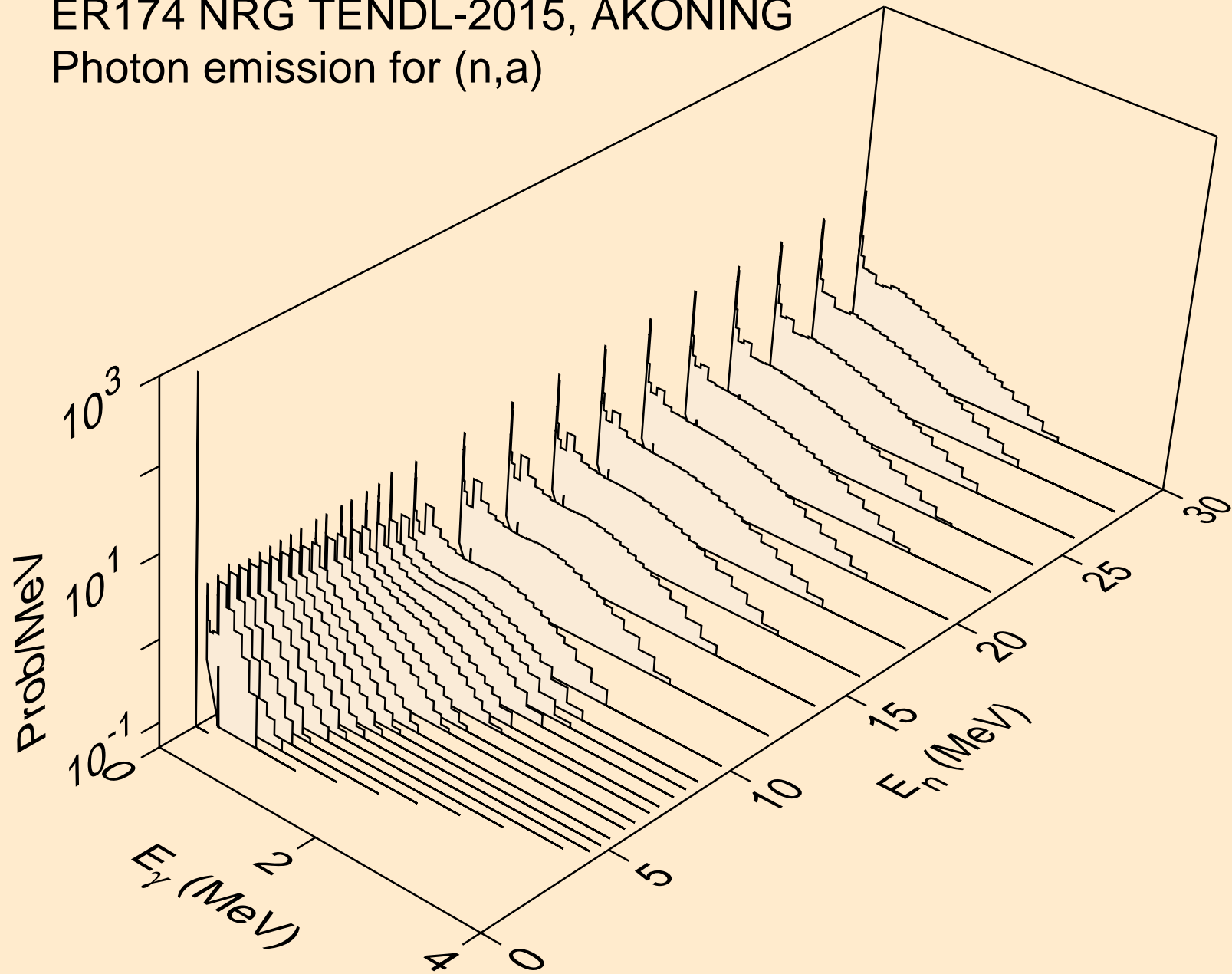
ER174 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



ER174 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

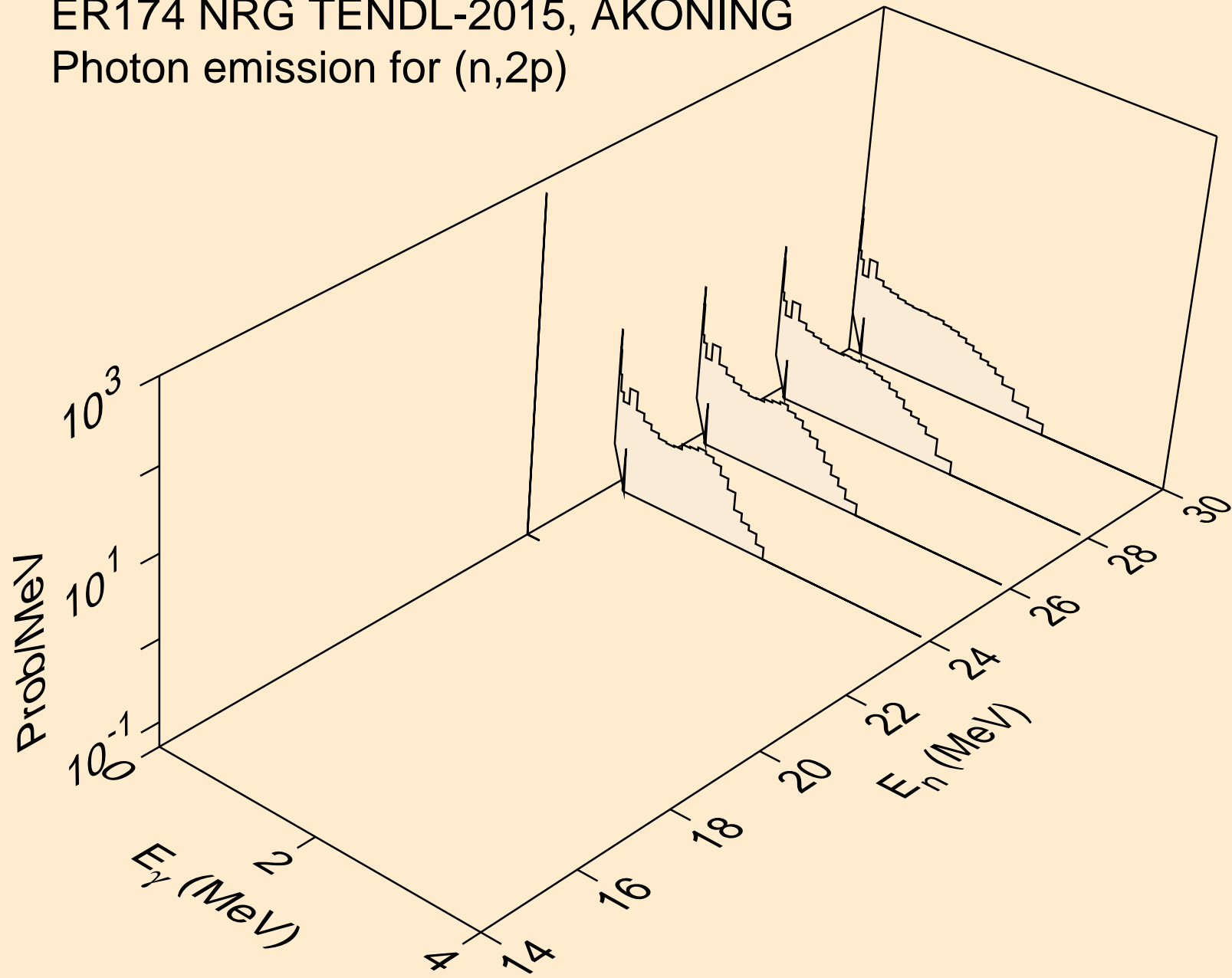


ER174 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

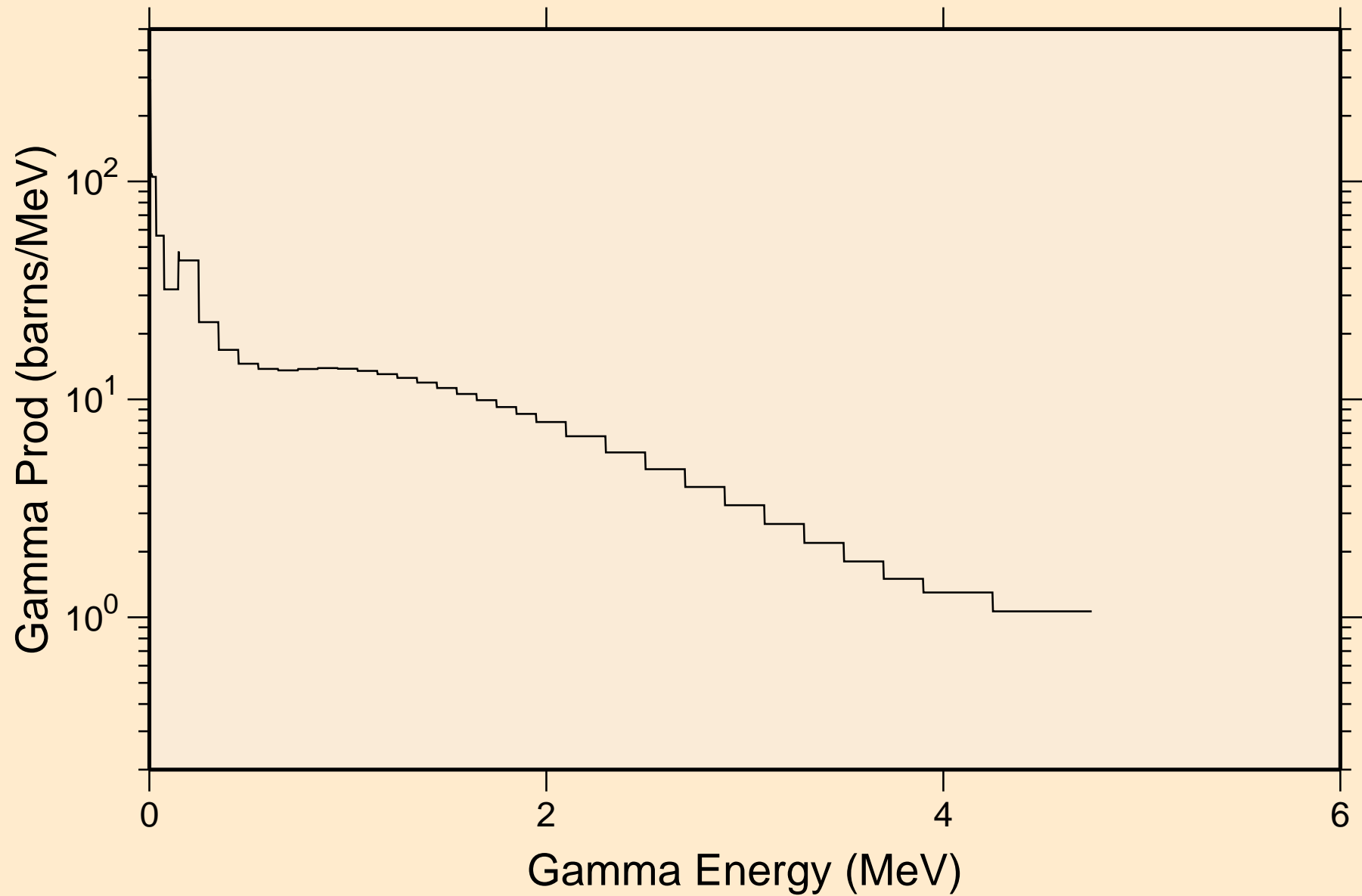




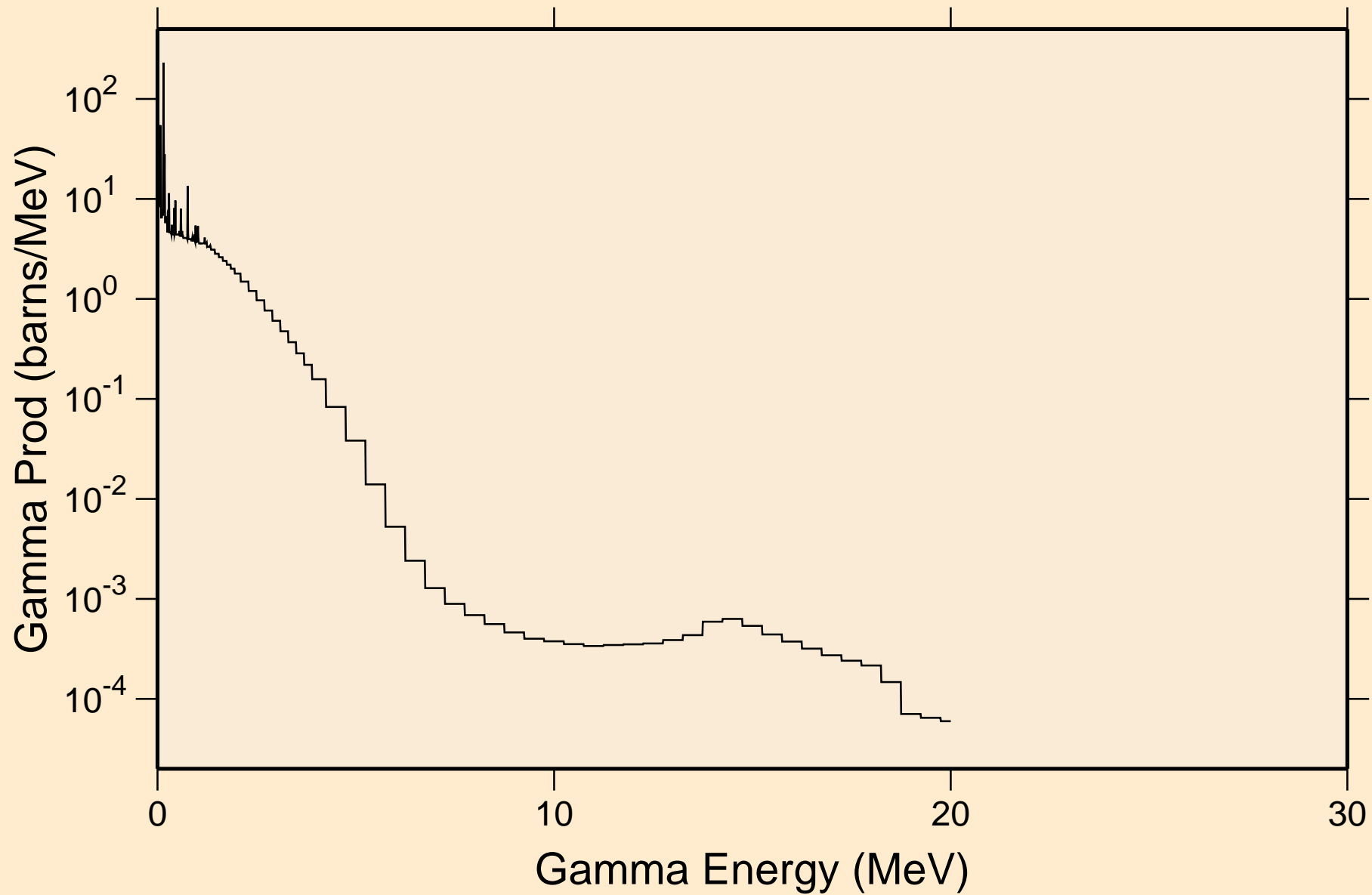
ER174 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



ER174 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

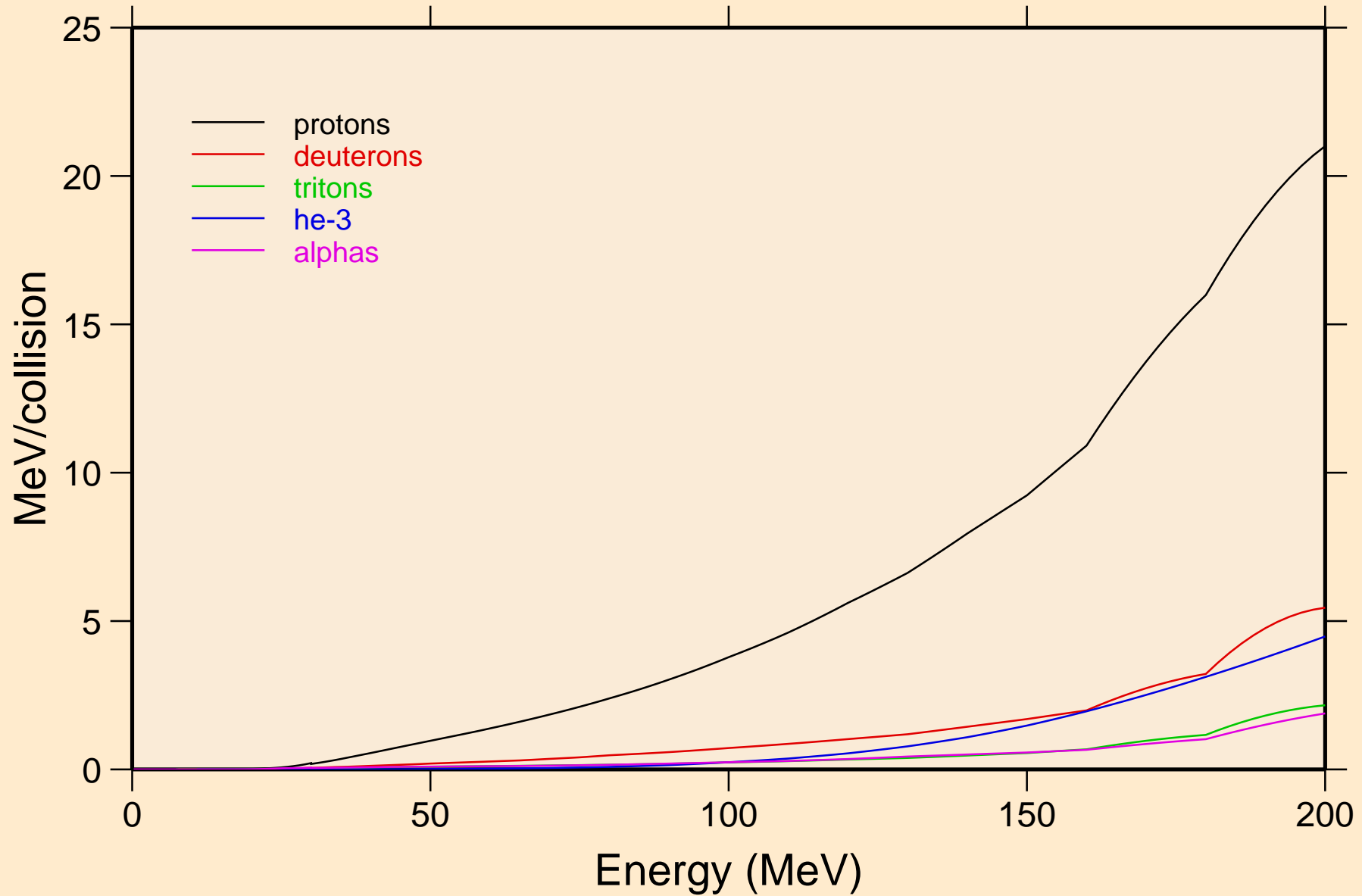


ER174 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



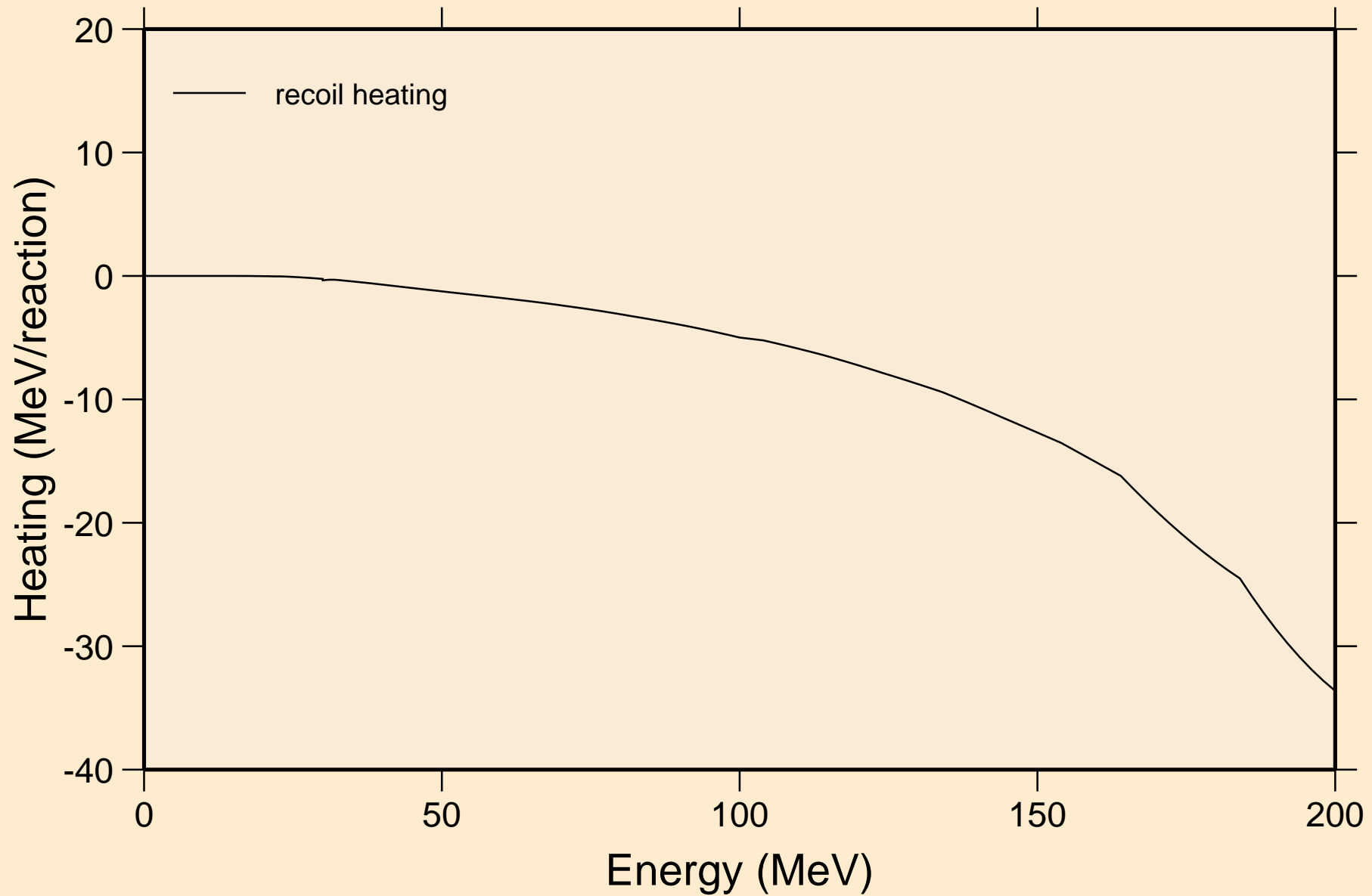
# ER174 NRG TENDL-2015, AKONING

## Particle heating contributions



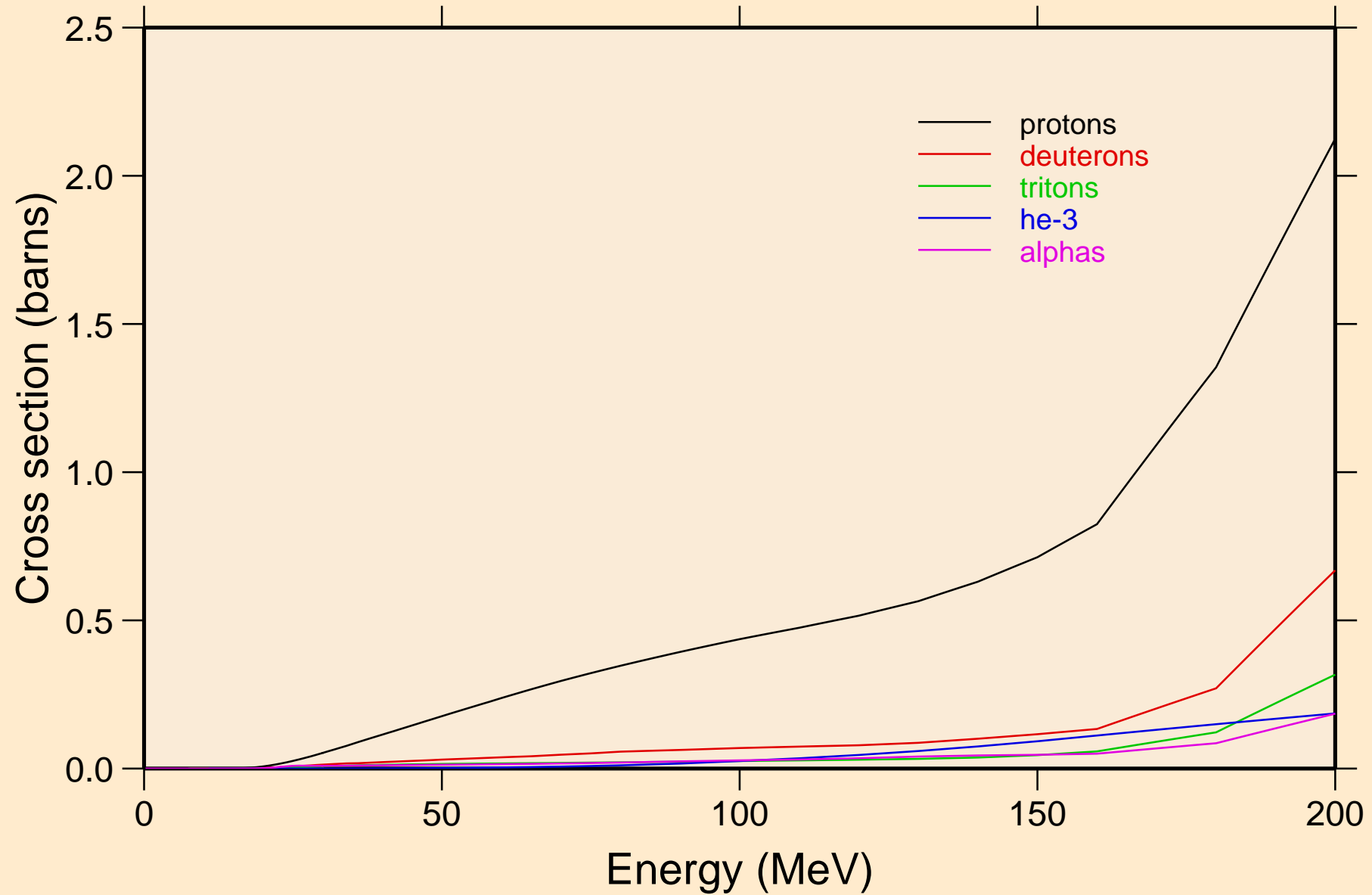
# ER174 NRG TENDL-2015, AKONING

## Recoil Heating

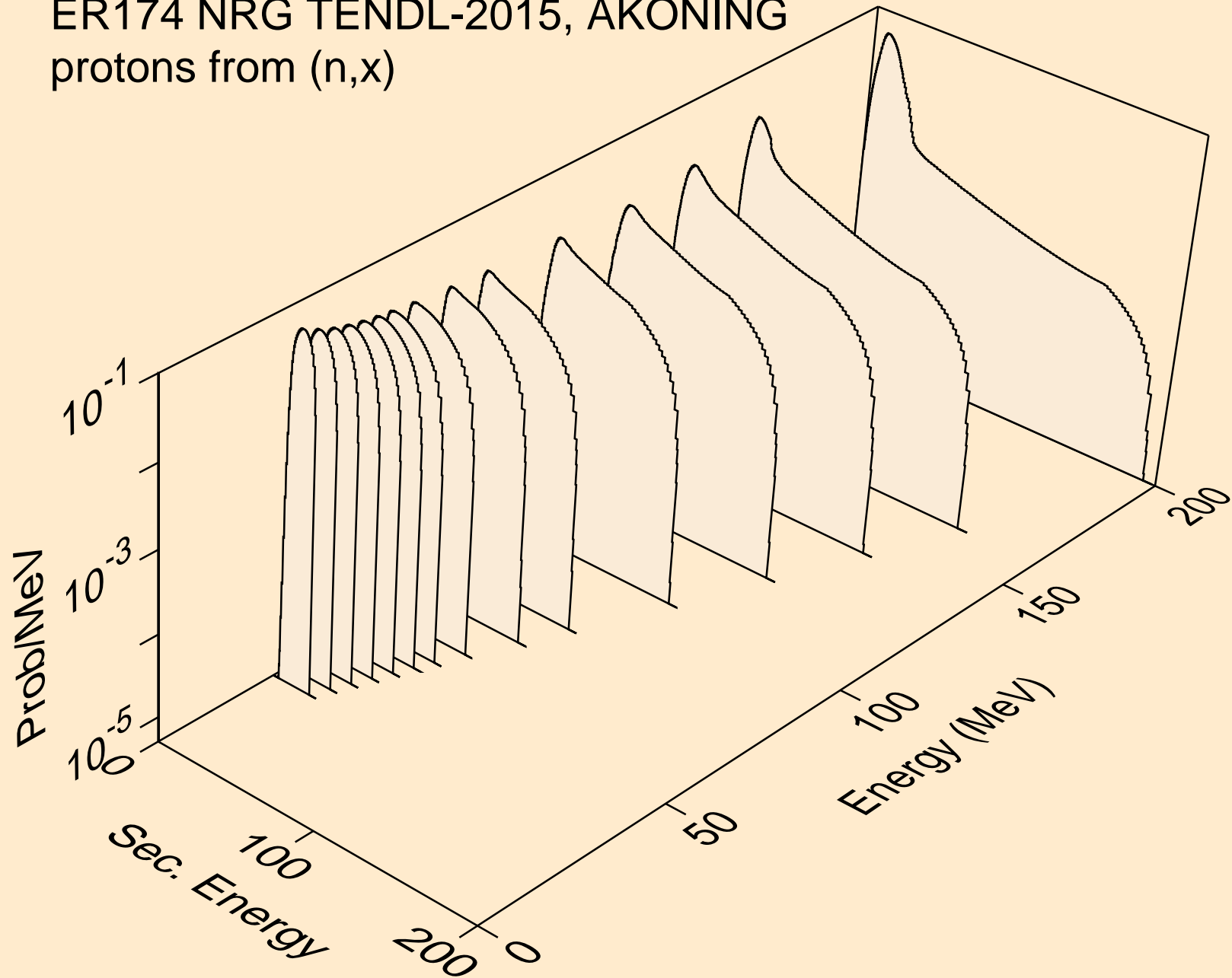


# ER174 NRG TENDL-2015, AKONING

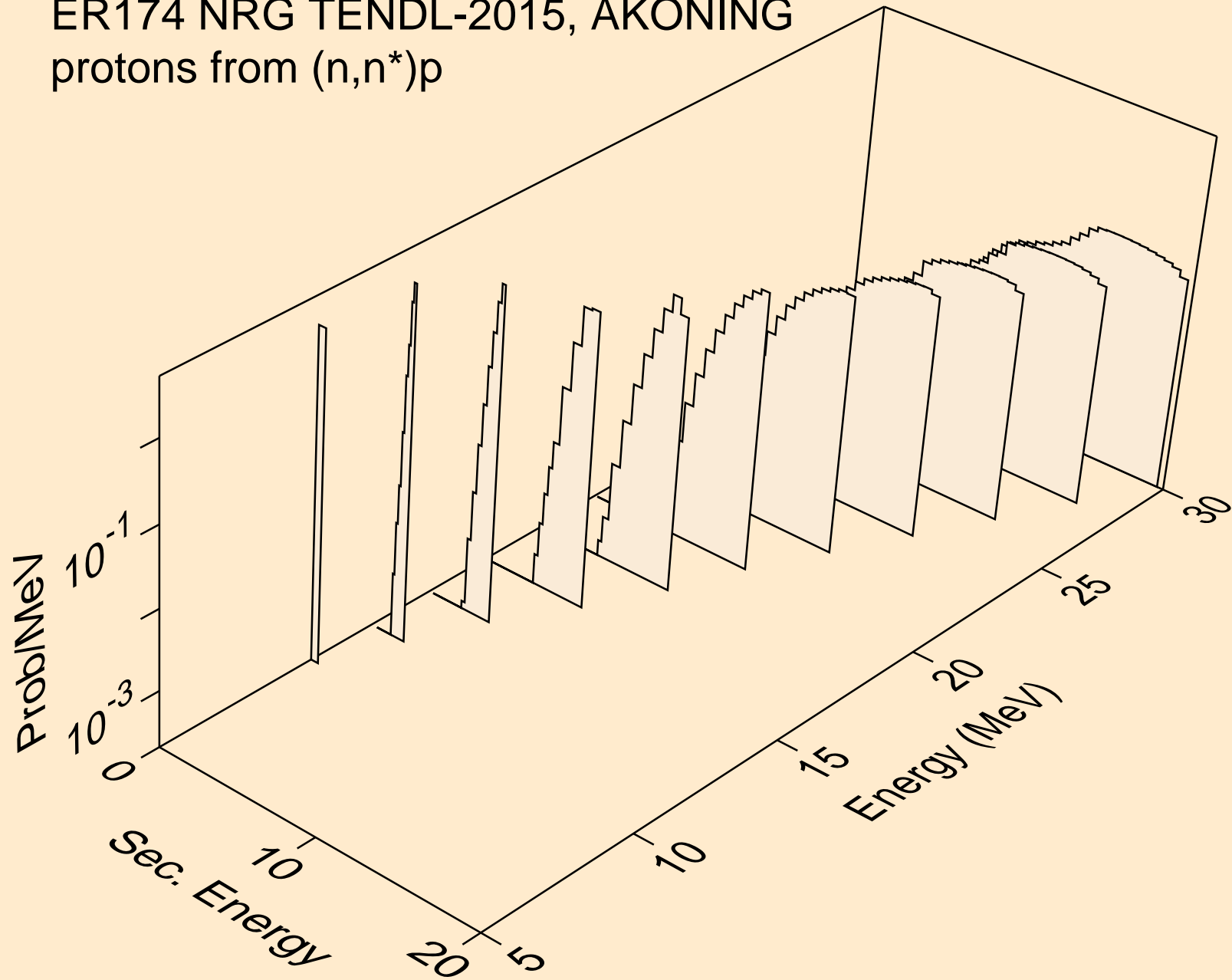
## Particle production cross sections



ER174 NRG TENDL-2015, AKONING  
protons from (n,x)

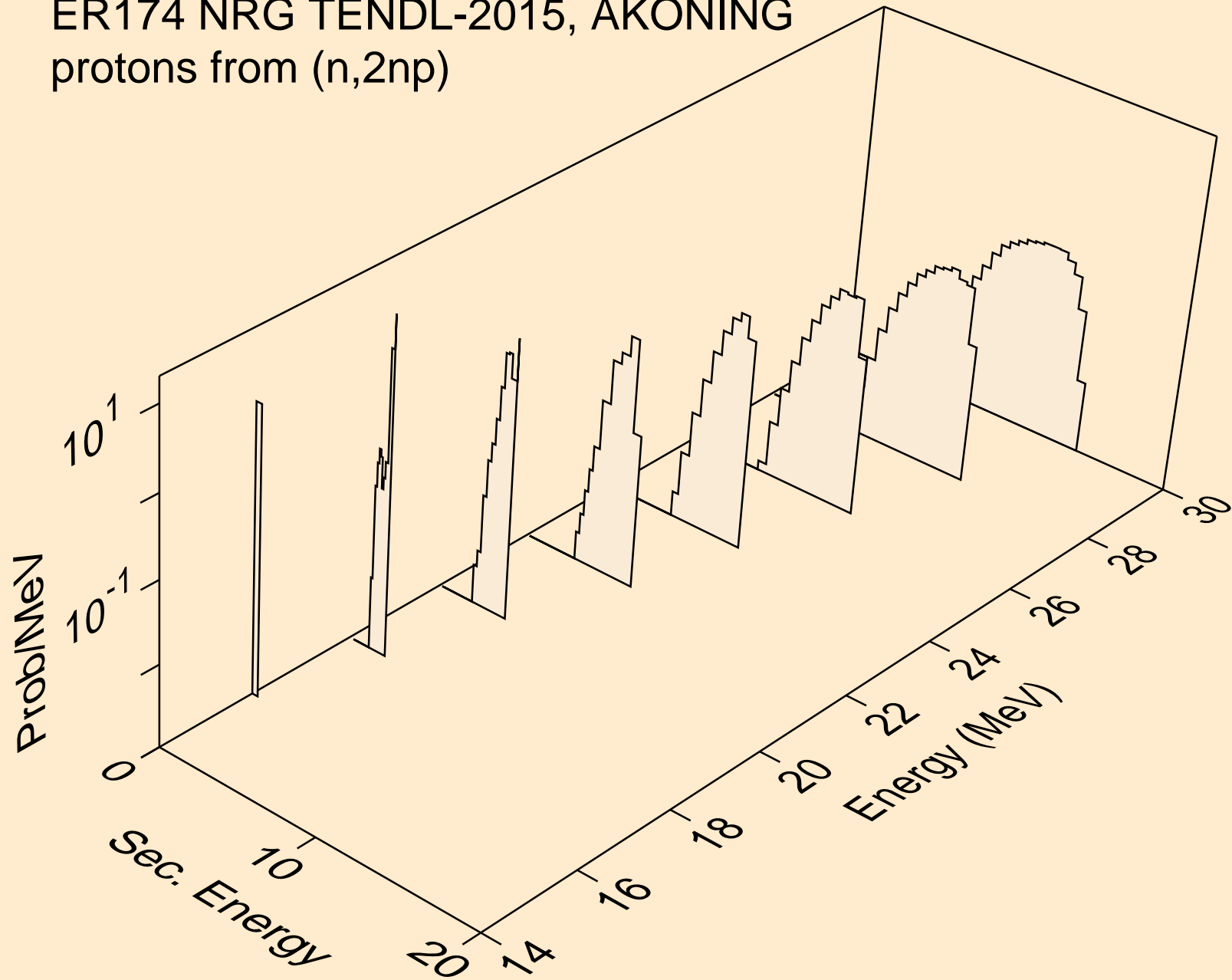


ER174 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

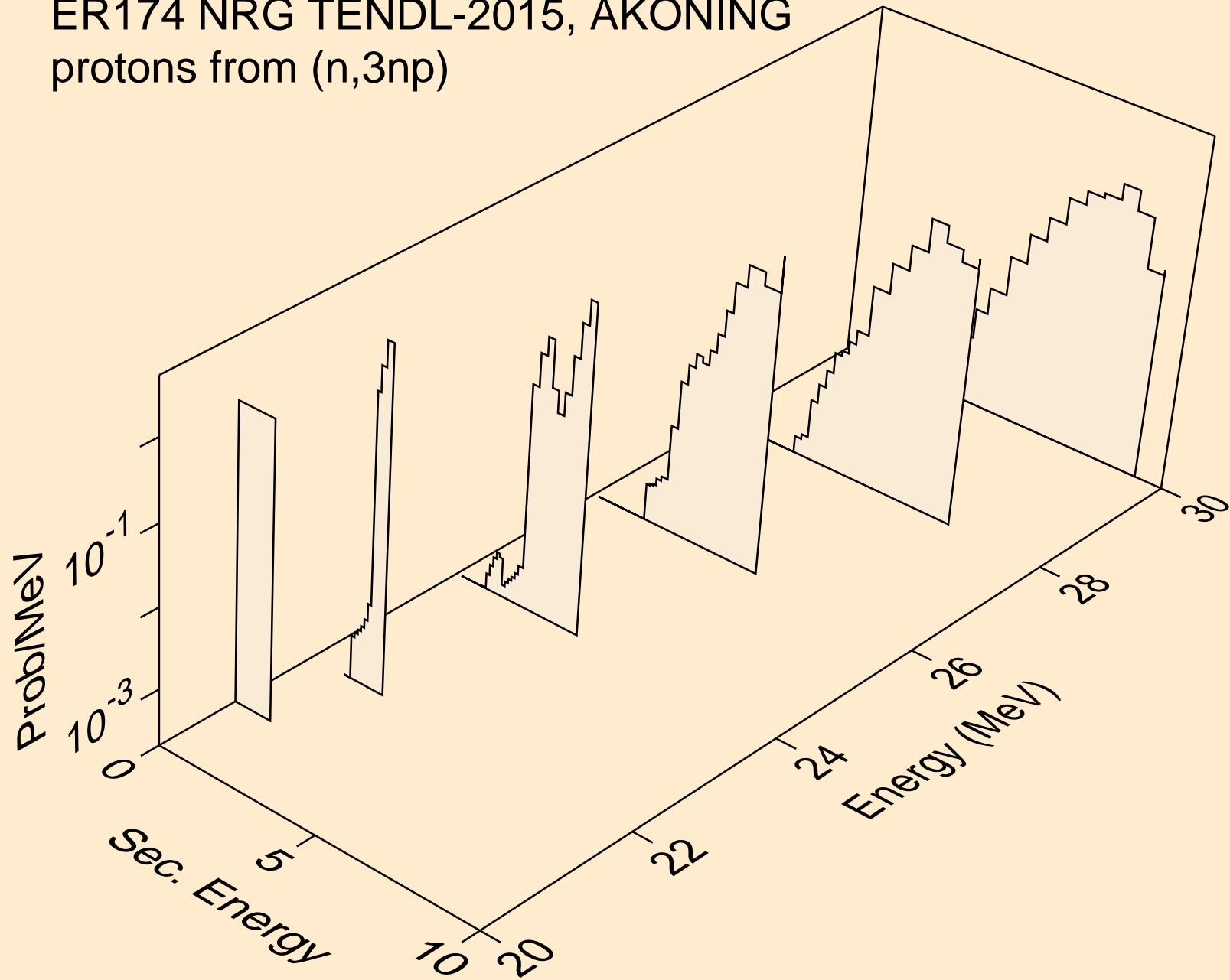




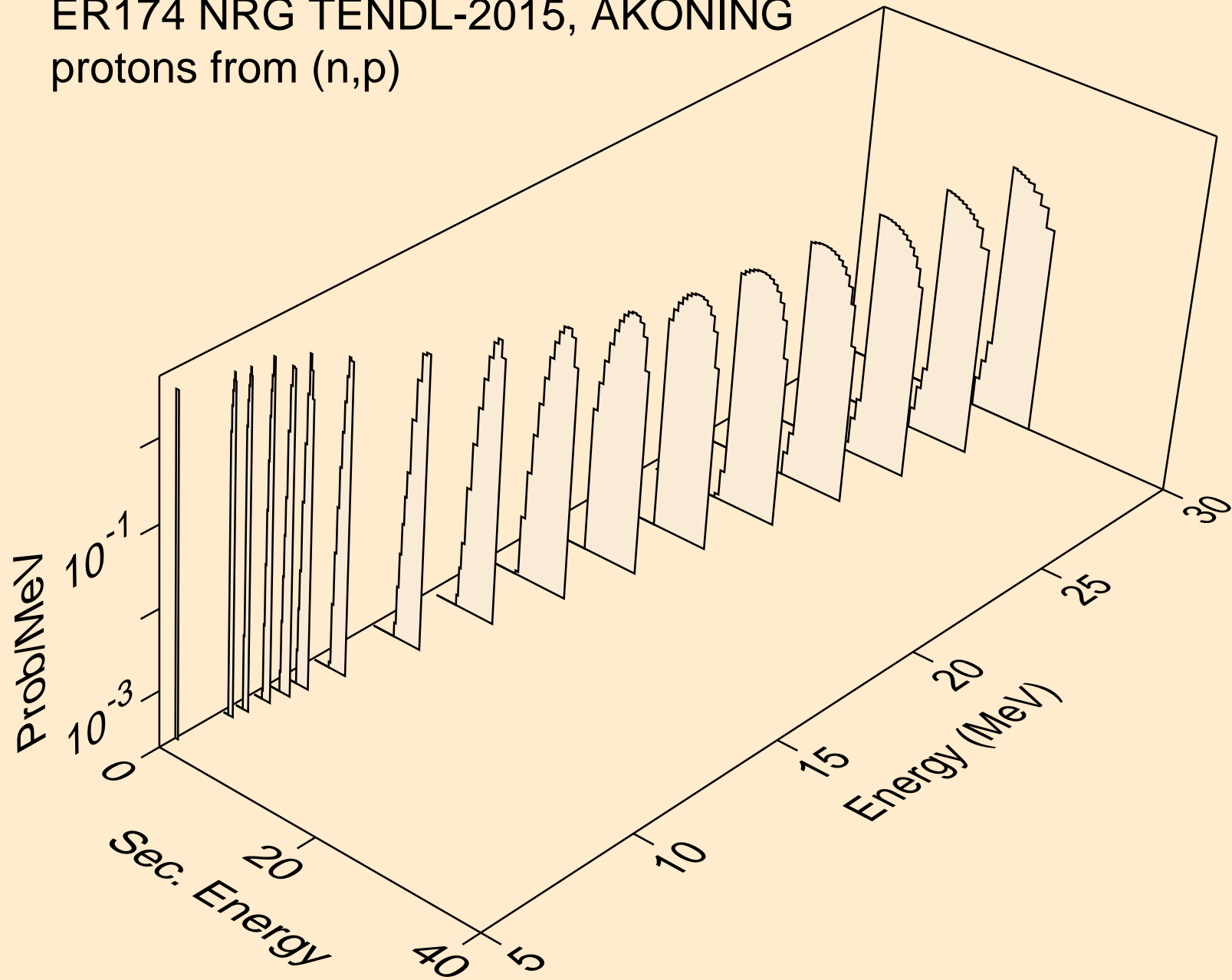
ER174 NRG TENDL-2015, AKONING  
protons from (n,2np)



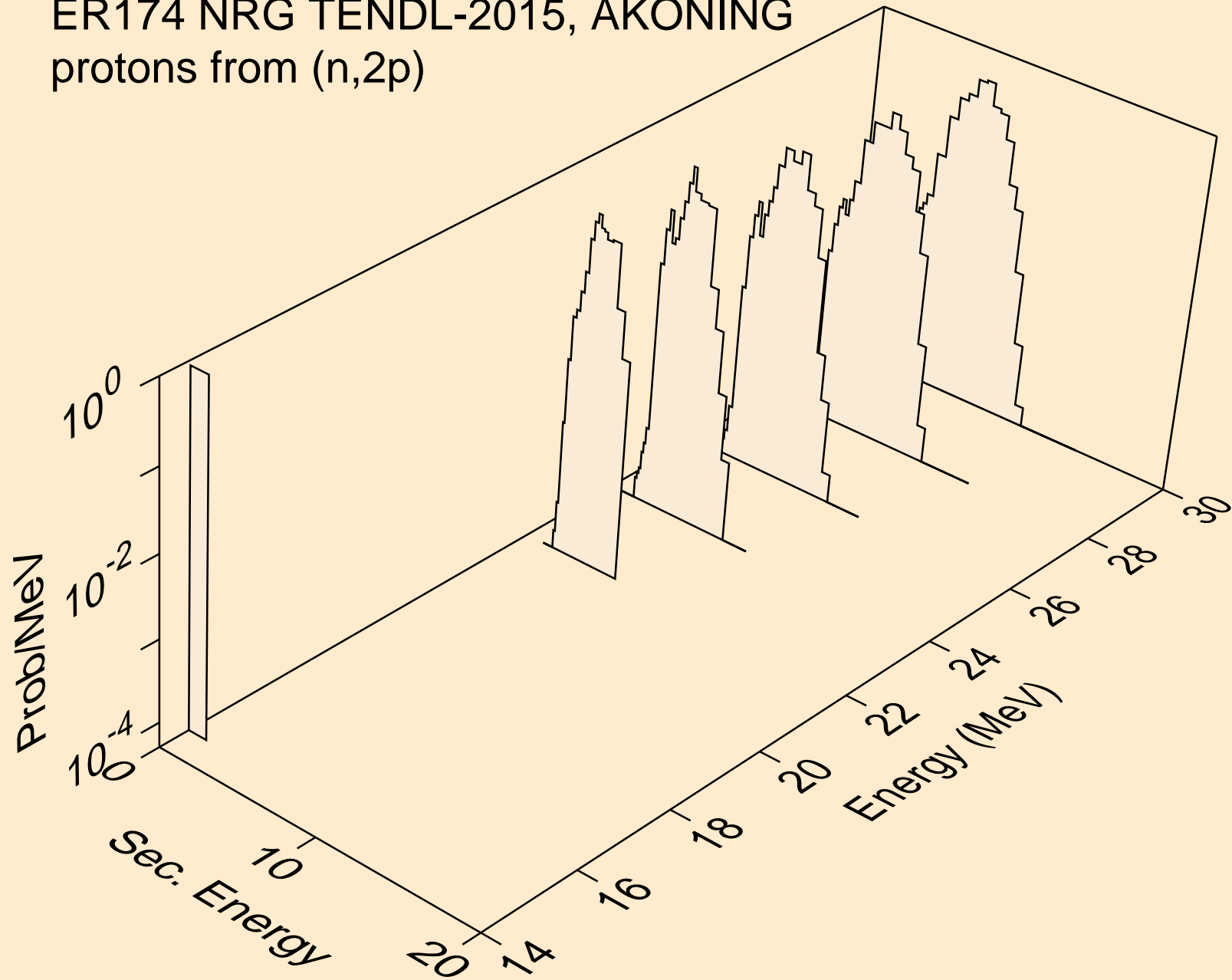
ER174 NRG TENDL-2015, AKONING  
protons from (n,3np)



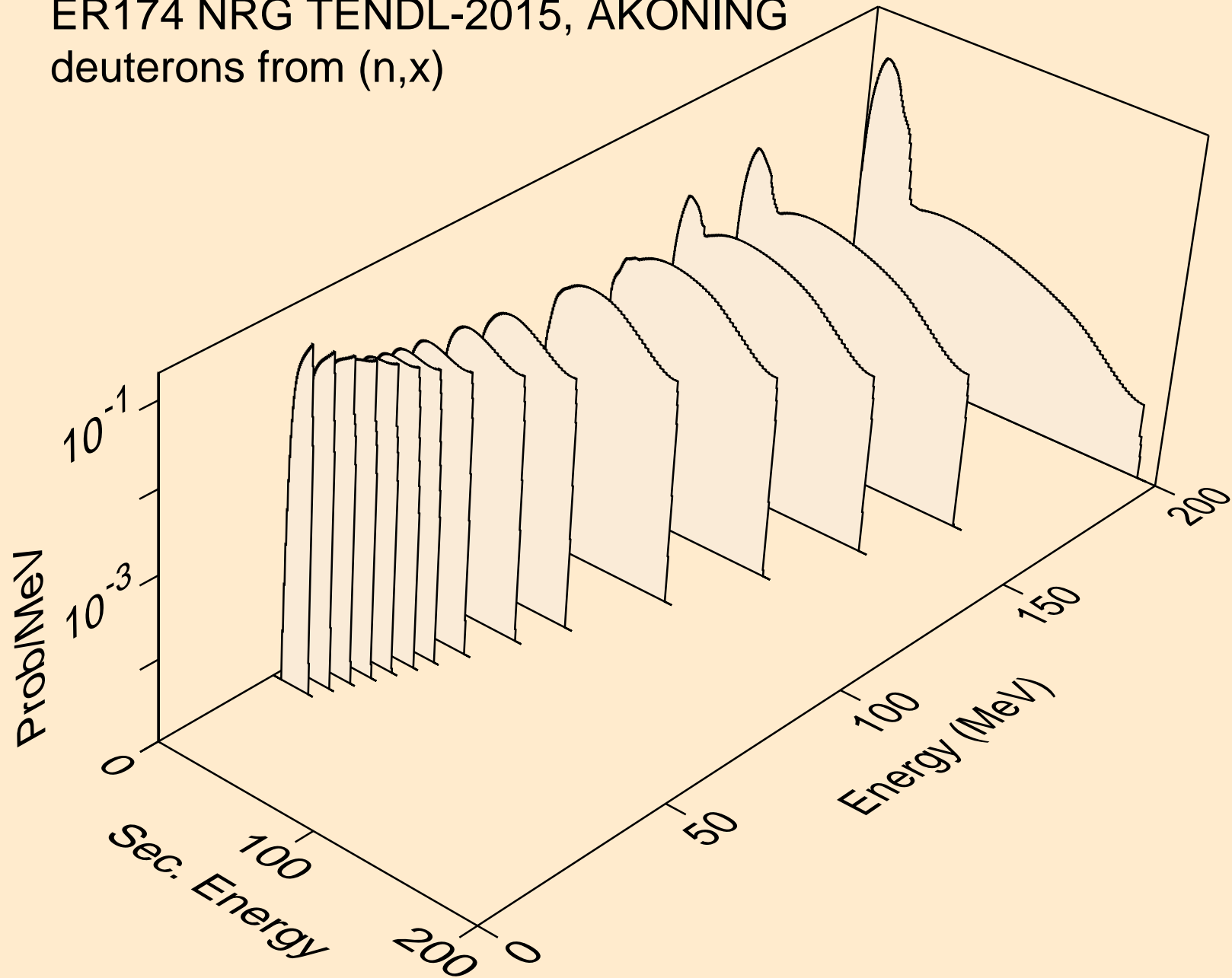
ER174 NRG TENDL-2015, AKONING  
protons from (n,p)



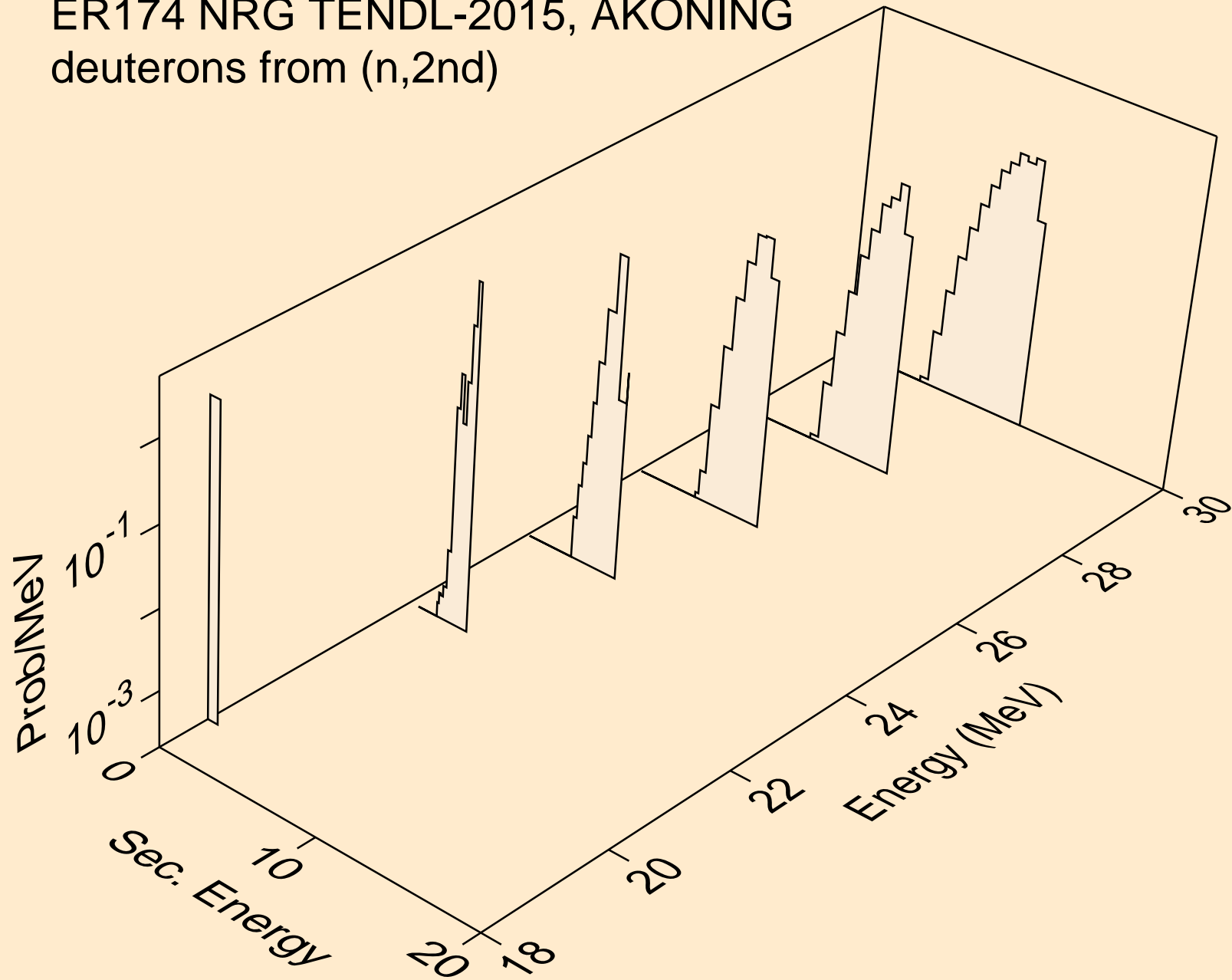
ER174 NRG TENDL-2015, AKONING  
protons from (n,2p)



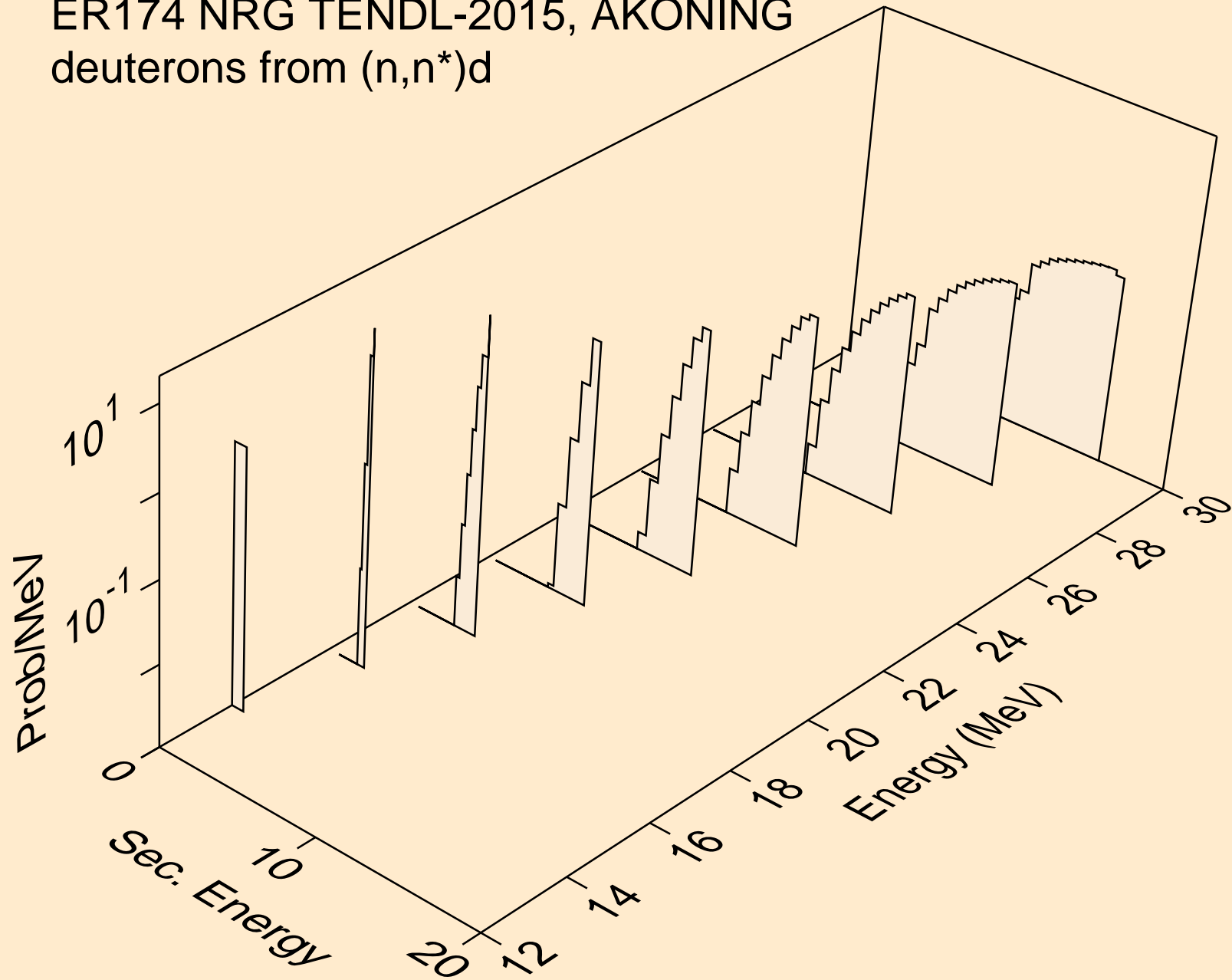
ER174 NRG TENDL-2015, AKONING  
deuterons from (n,x)



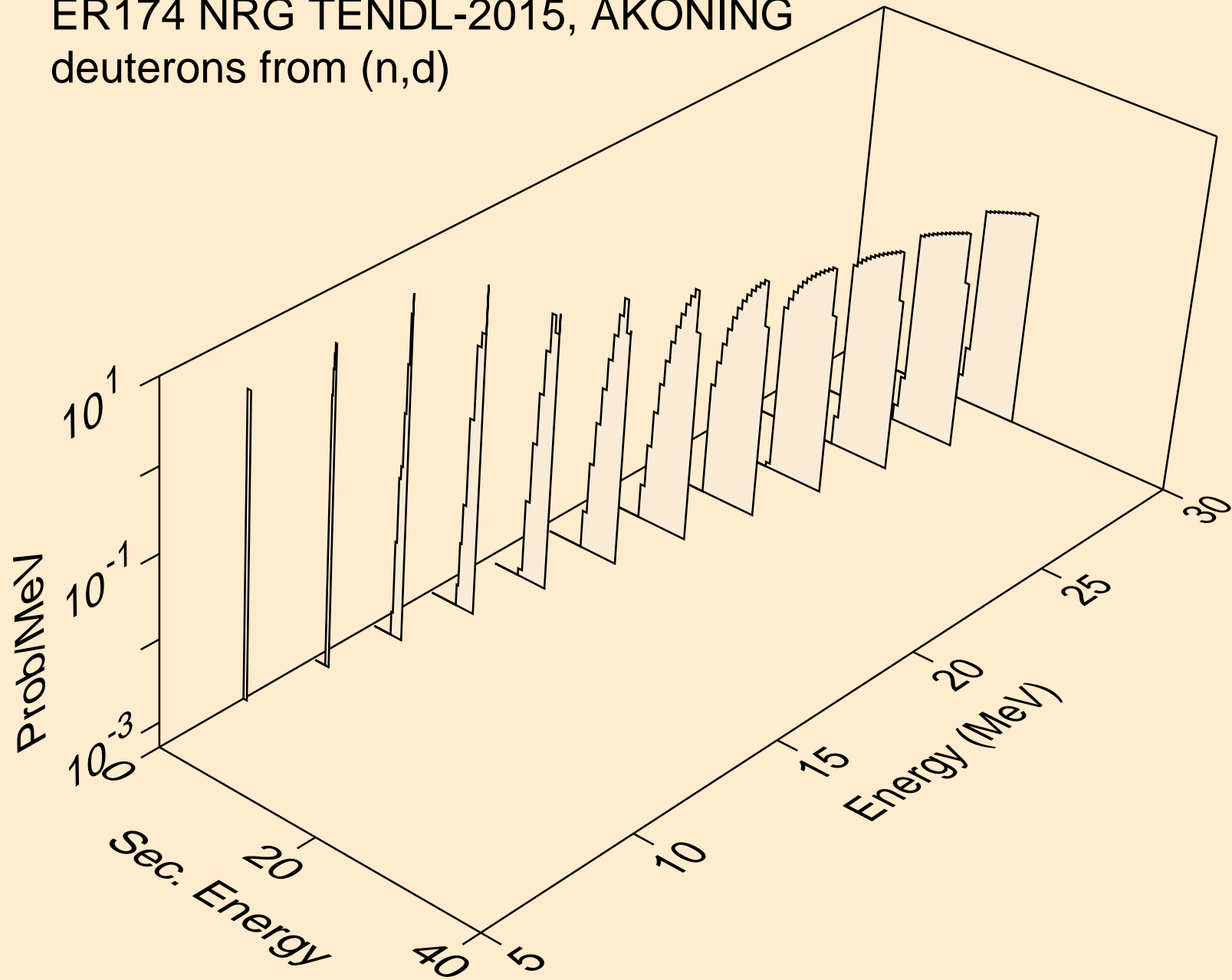
ER174 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



ER174 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

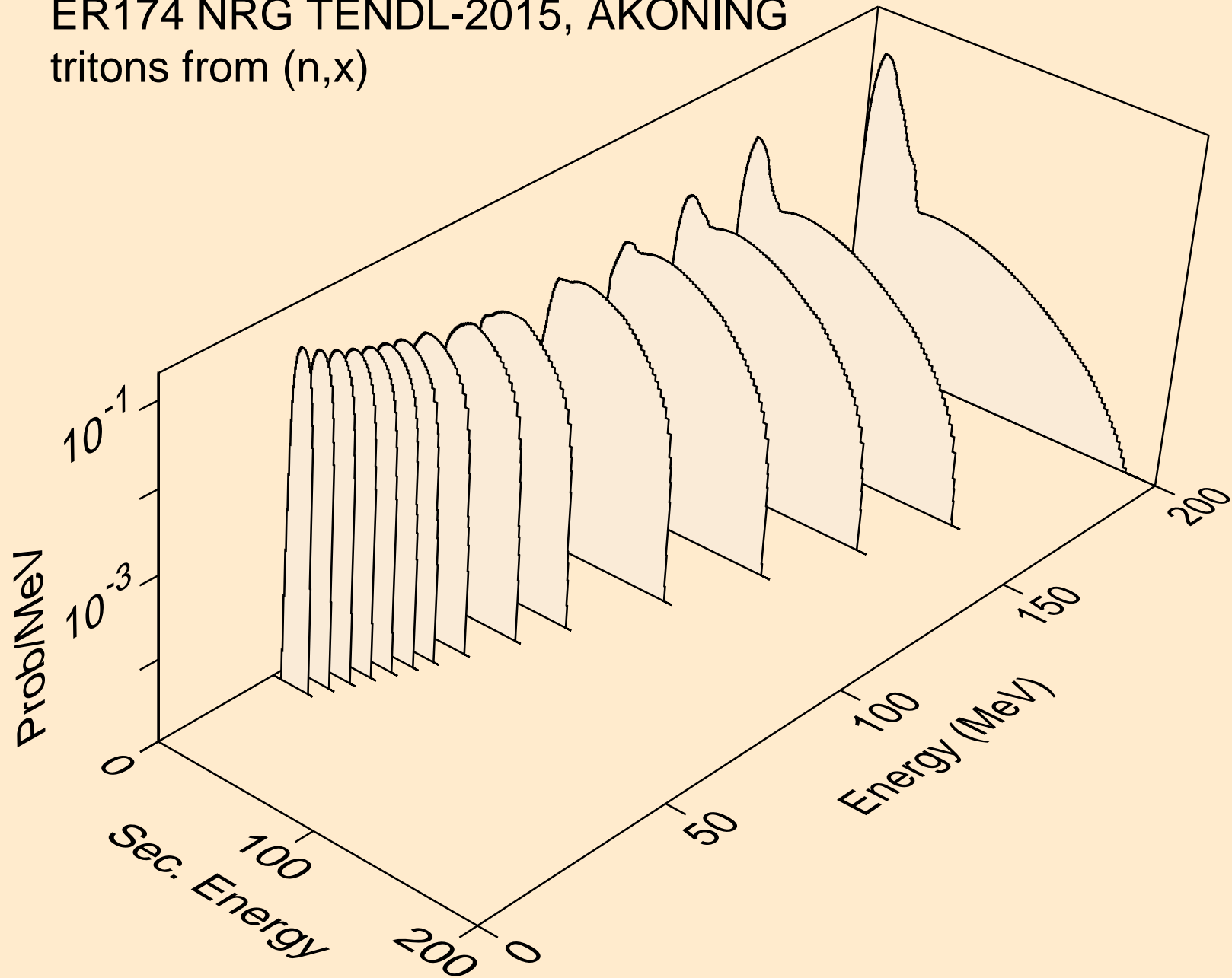


ER174 NRG TENDL-2015, AKONING  
deuterons from (n,d)

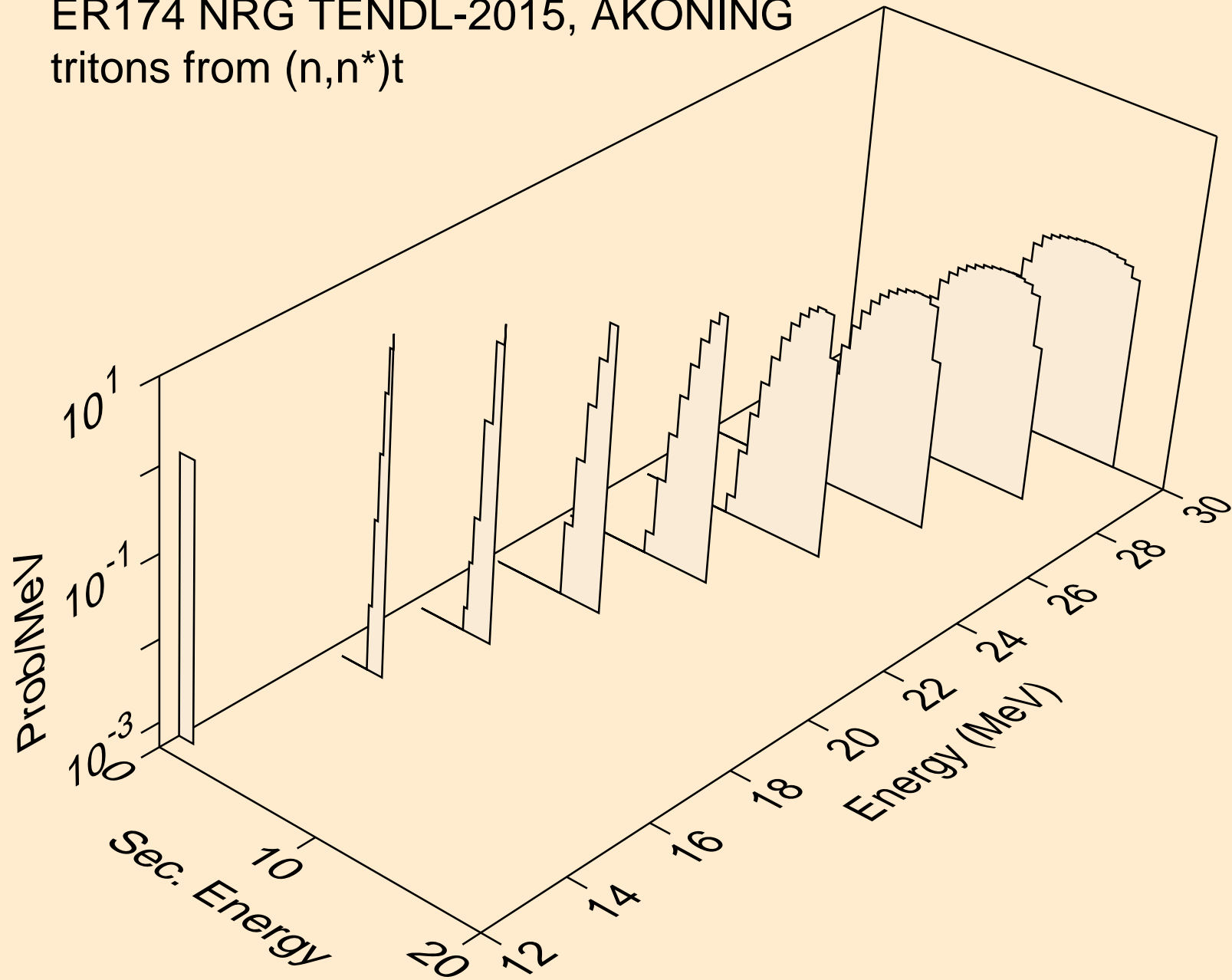




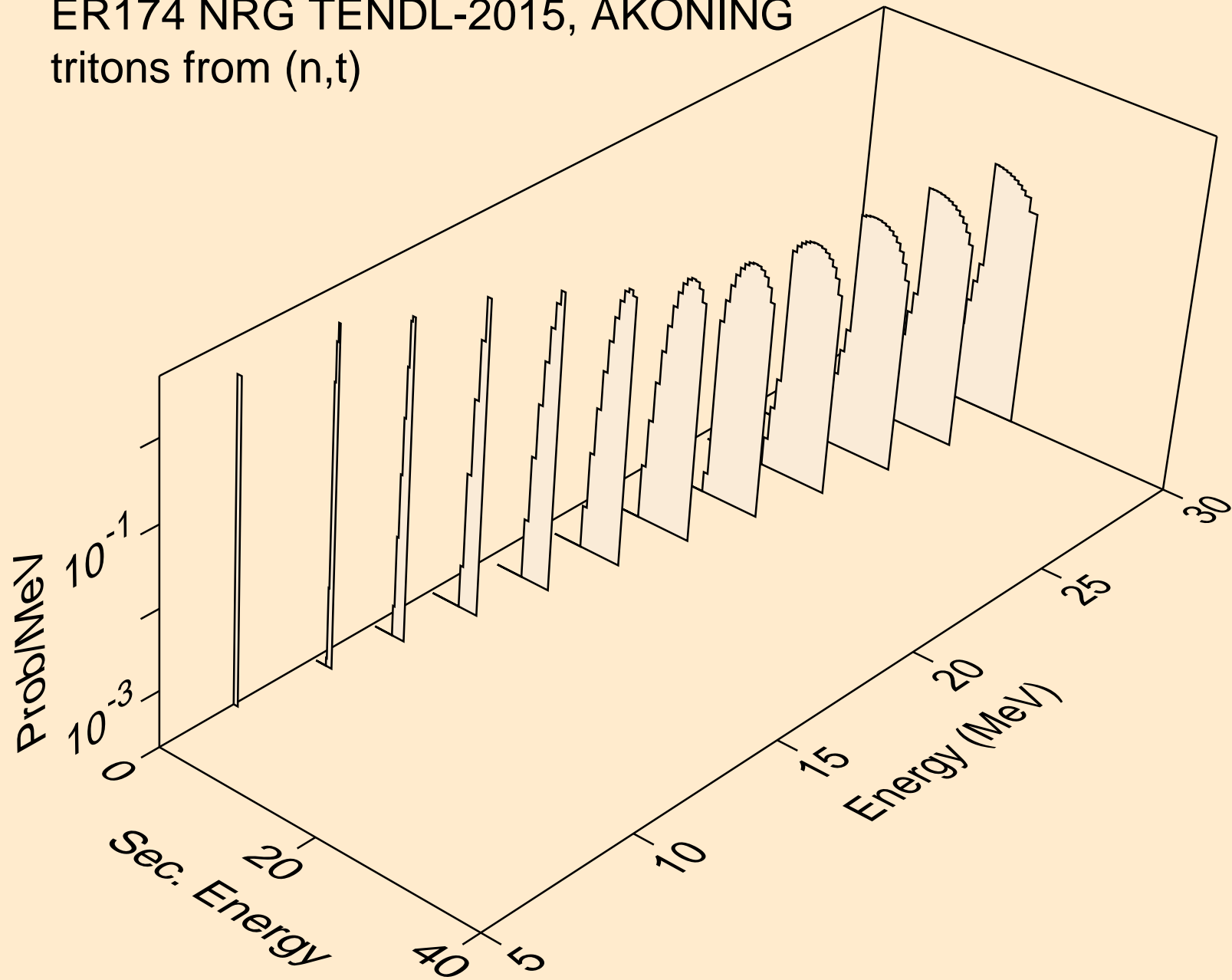
ER174 NRG TENDL-2015, AKONING  
tritons from (n,x)



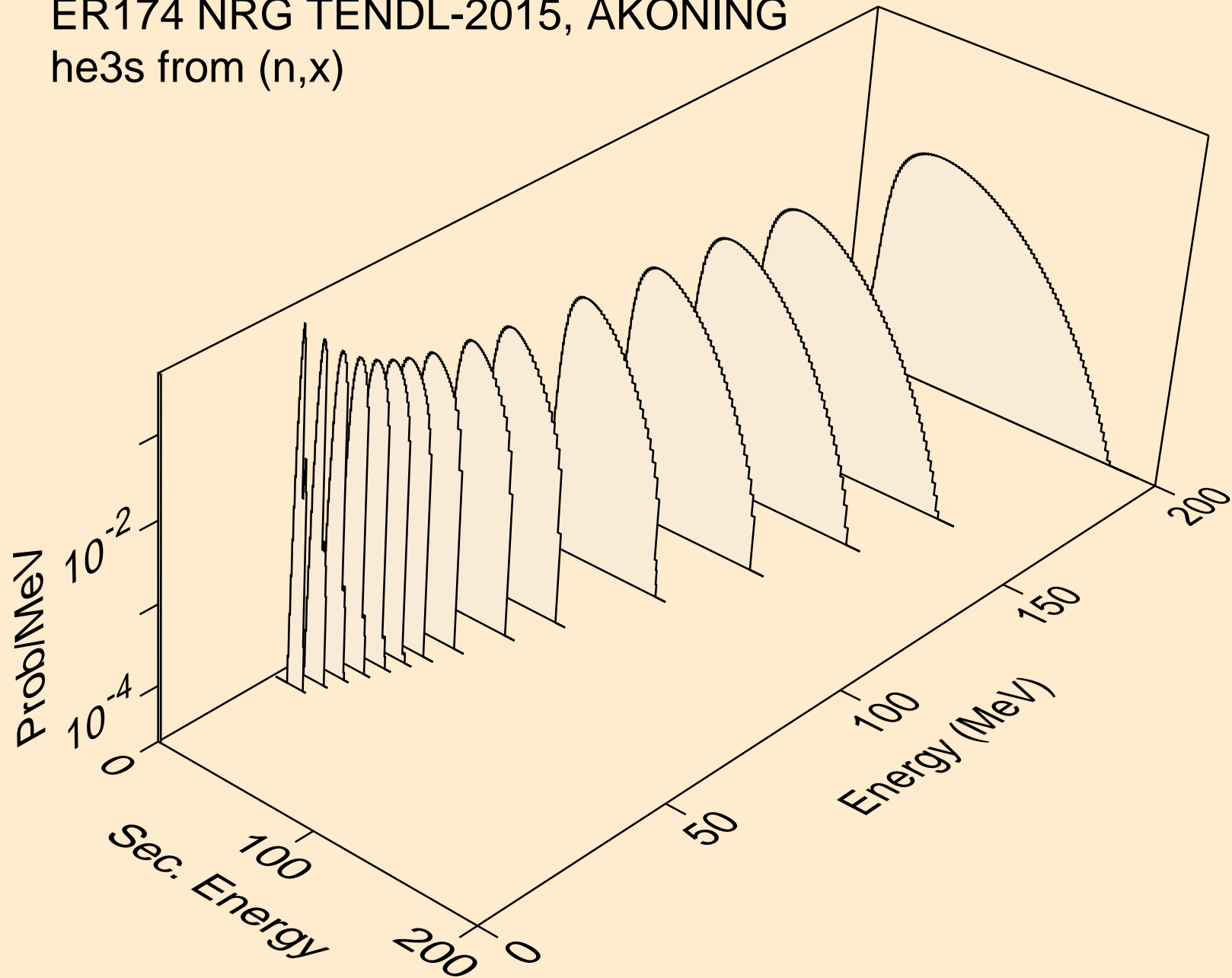
ER174 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



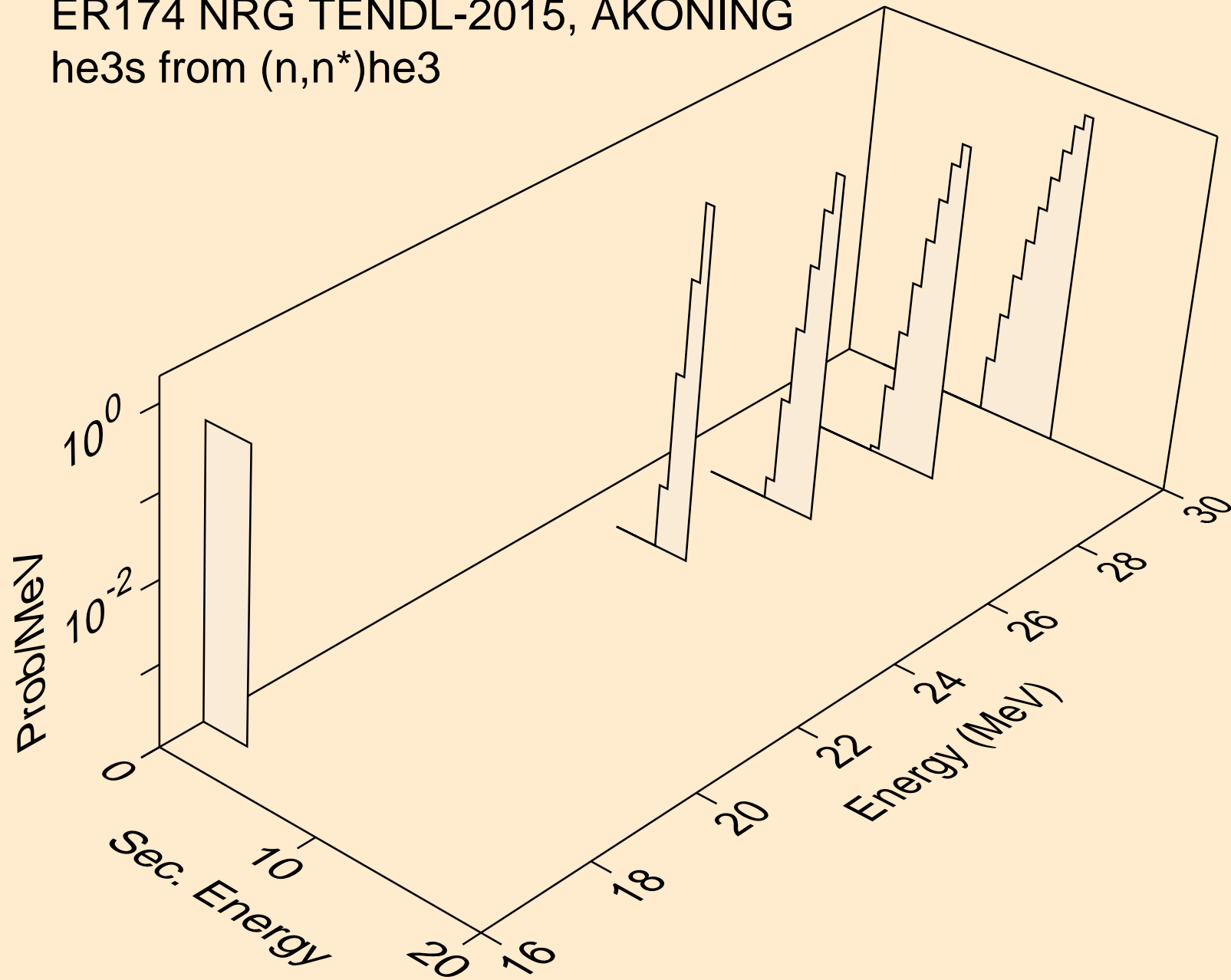
ER174 NRG TENDL-2015, AKONING  
tritons from (n,t)



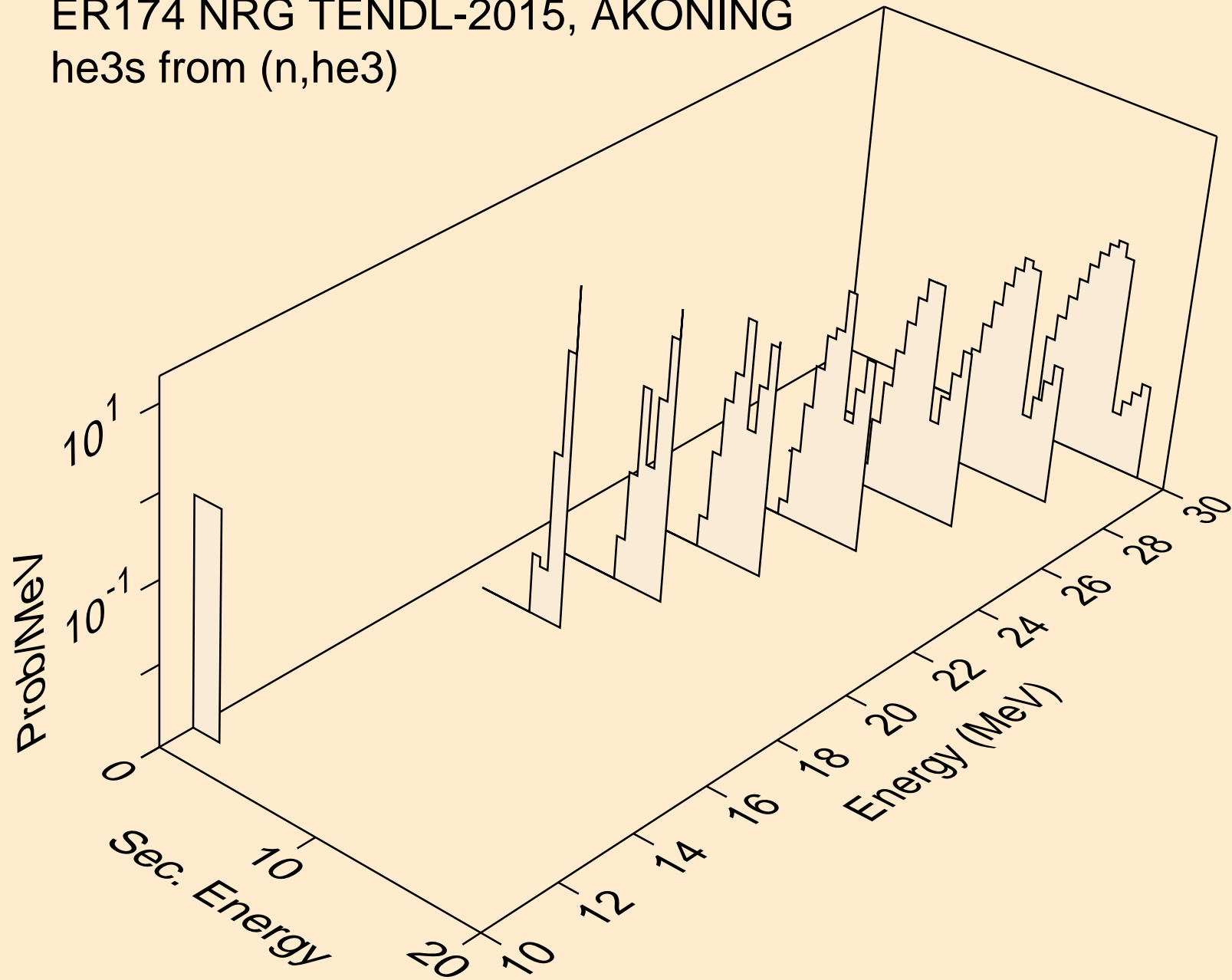
ER174 NRG TENDL-2015, AKONING  
he3s from (n,x)



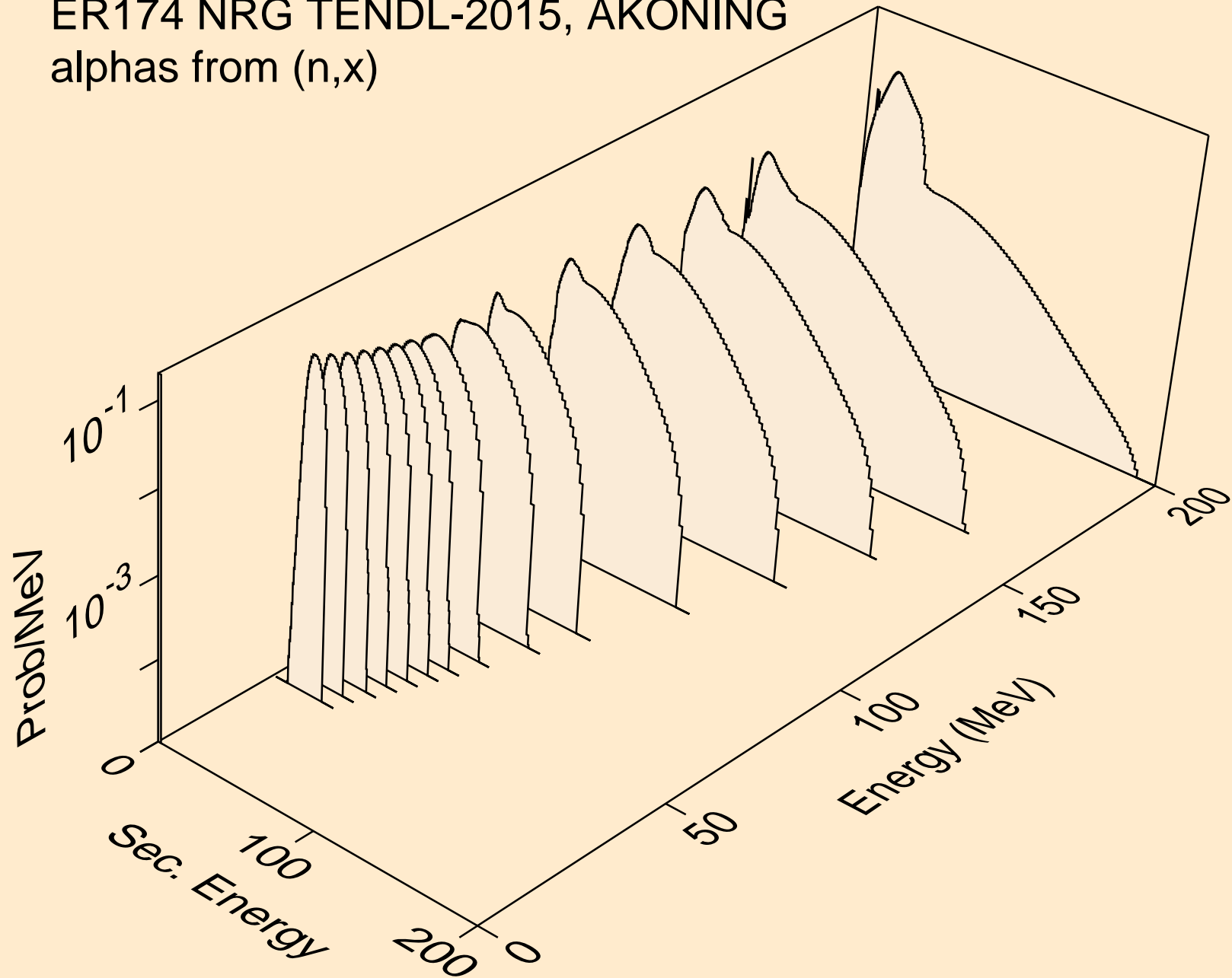
ER174 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



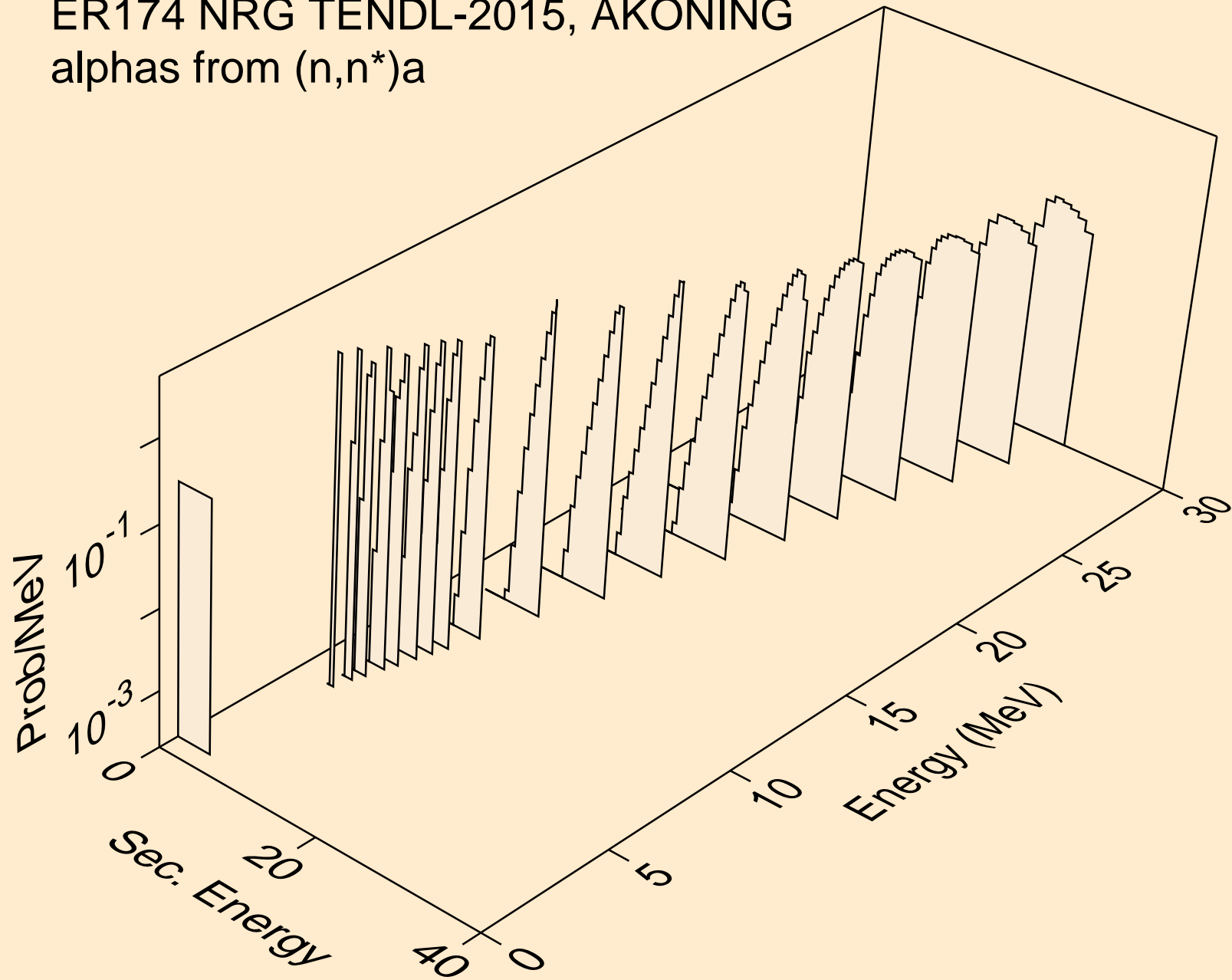
ER174 NRG TENDL-2015, AKONING  
he3s from (n,he3)



ER174 NRG TENDL-2015, AKONING  
alphas from (n,x)

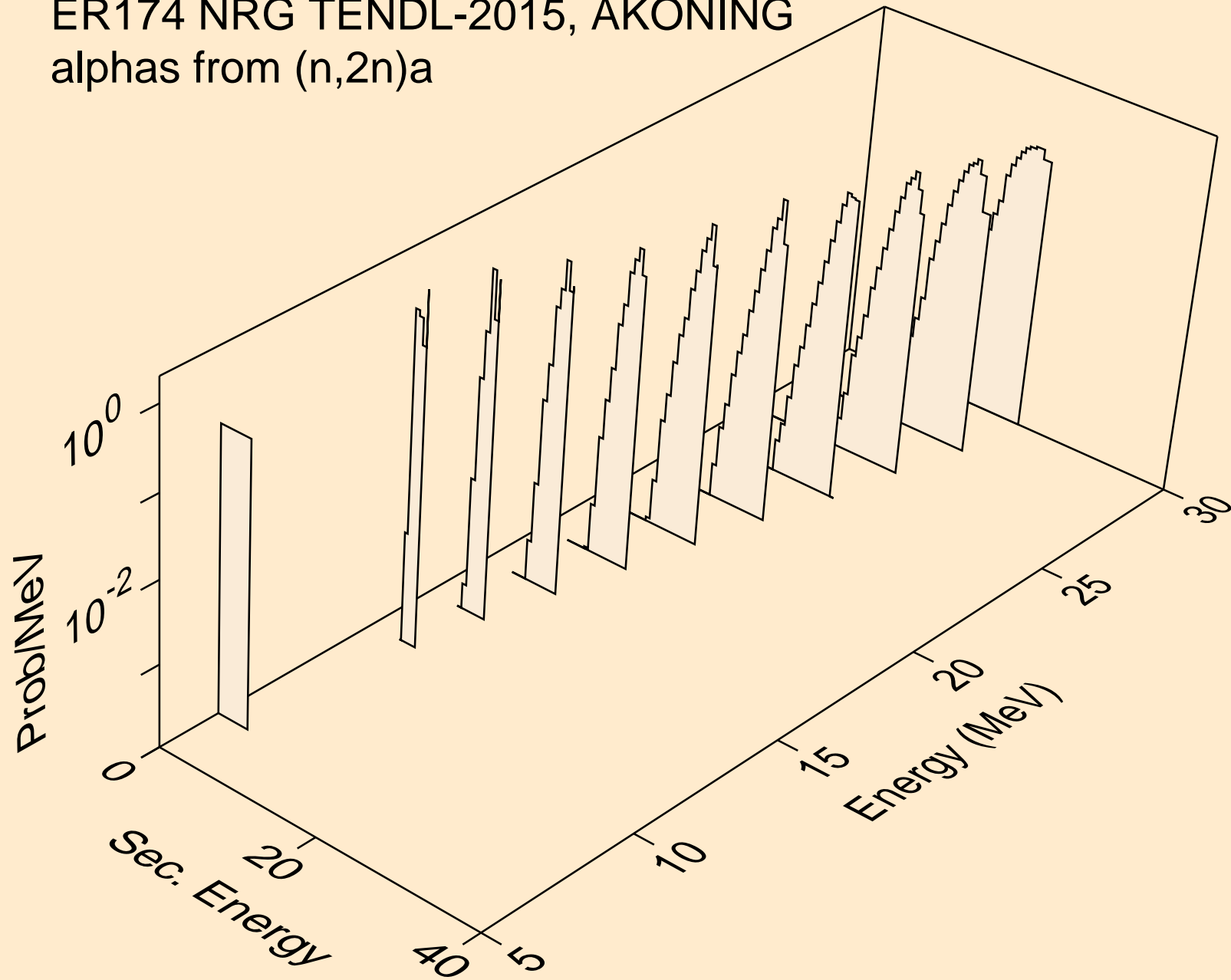


ER174 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

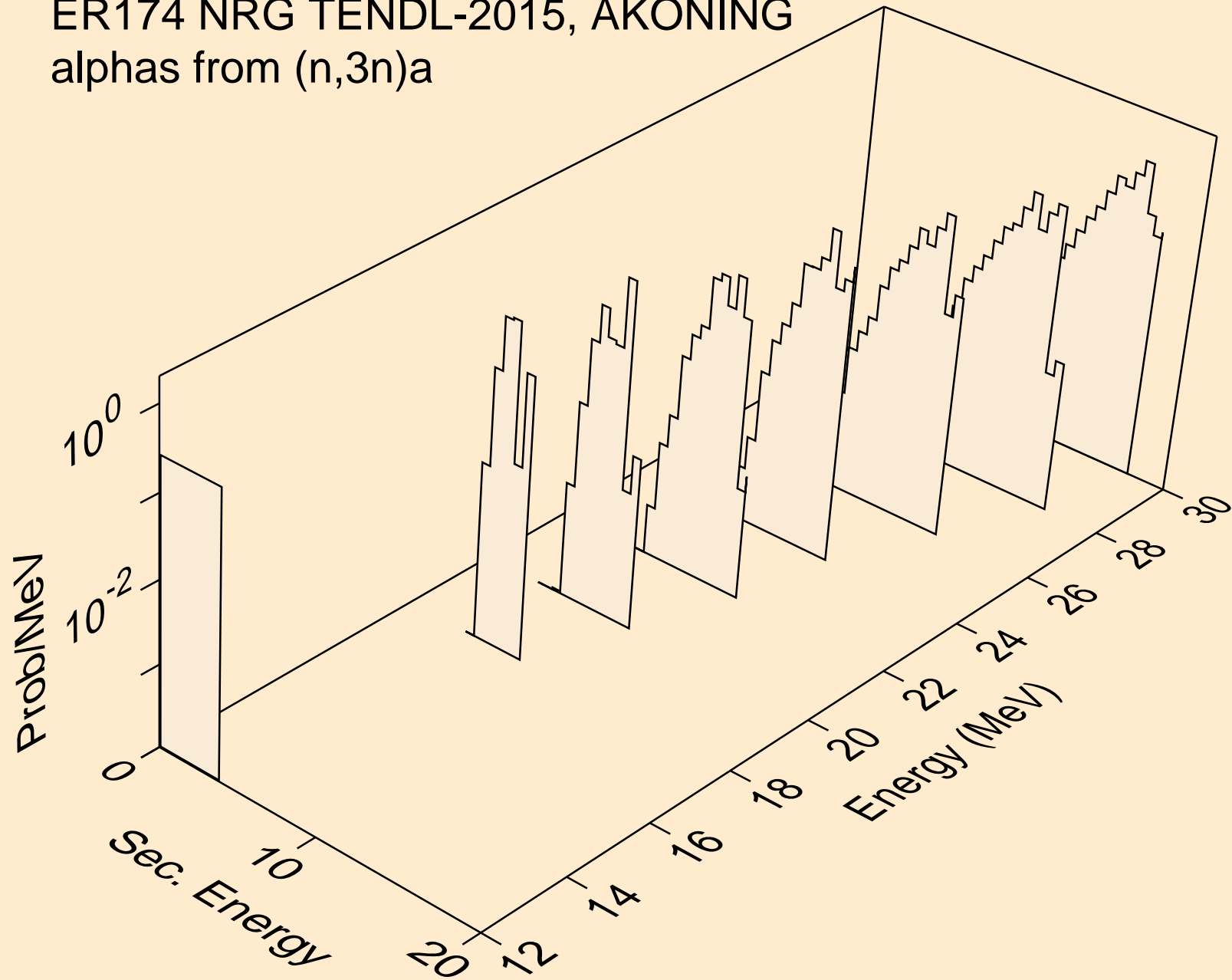




ER174 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



ER174 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



ER174 NRG TENDL-2015, AKONING  
alphas from (n,a)

