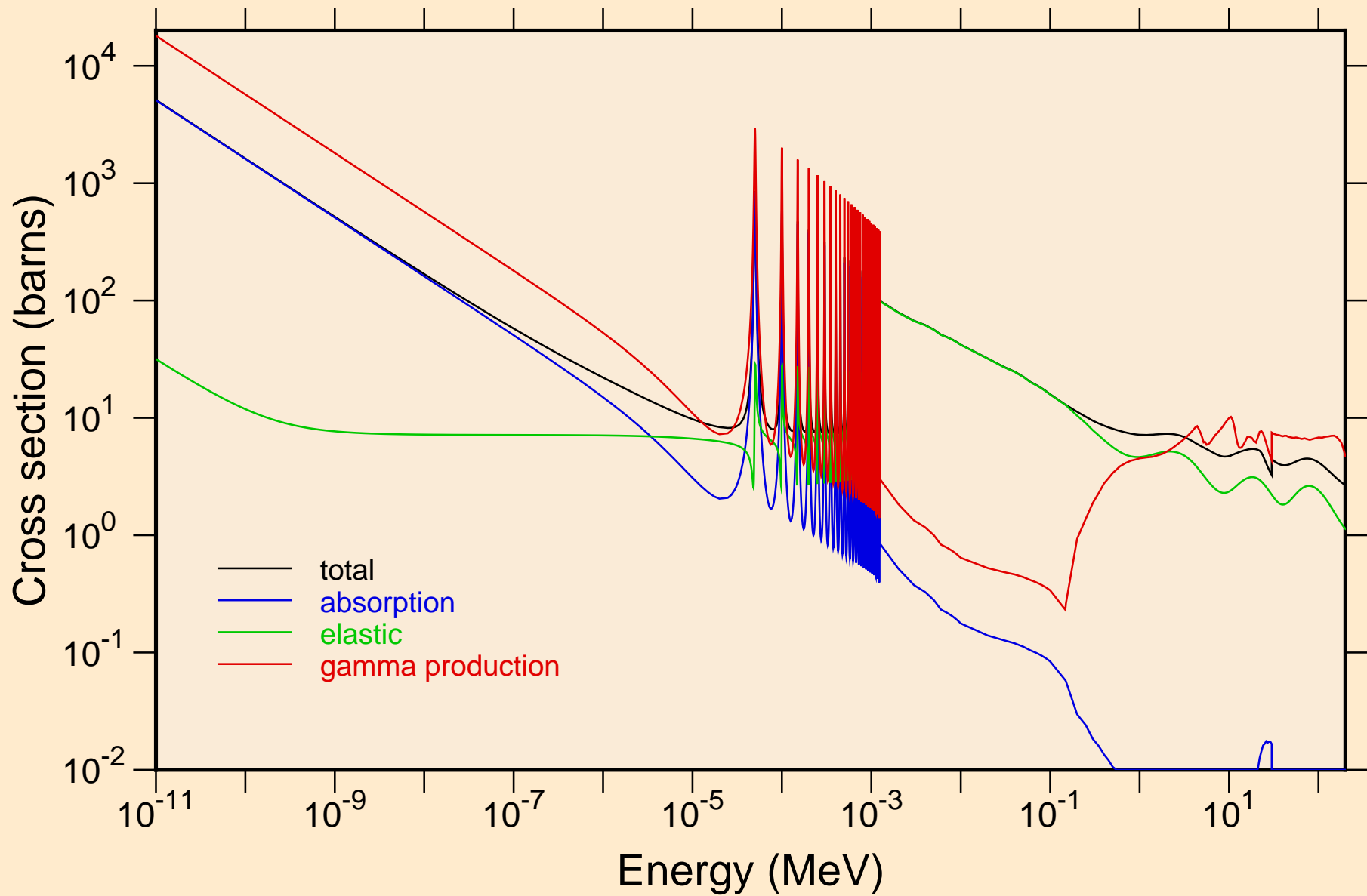
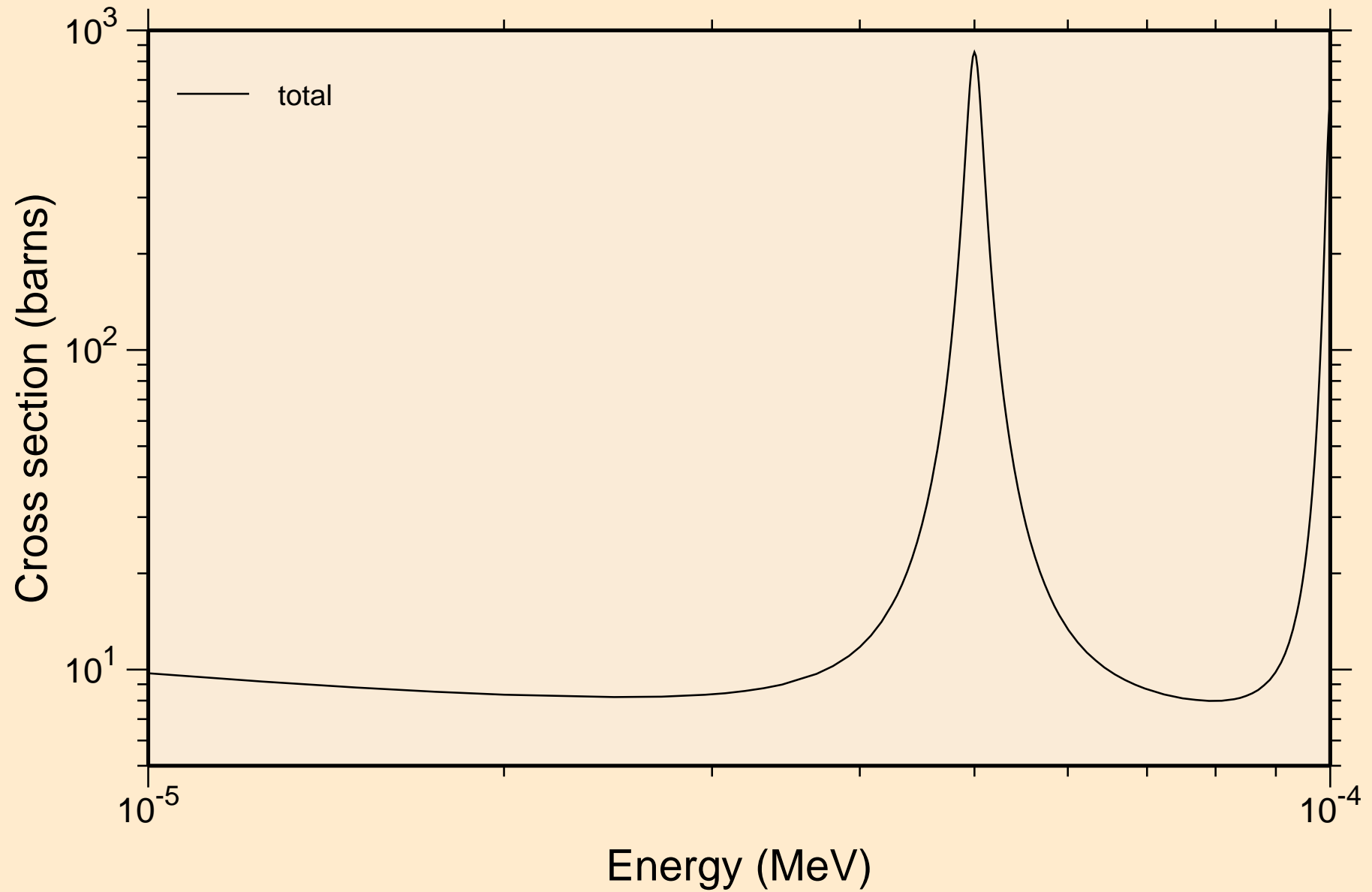


# ER177 NRG TENDL-2015, AKONING

## Principal cross sections

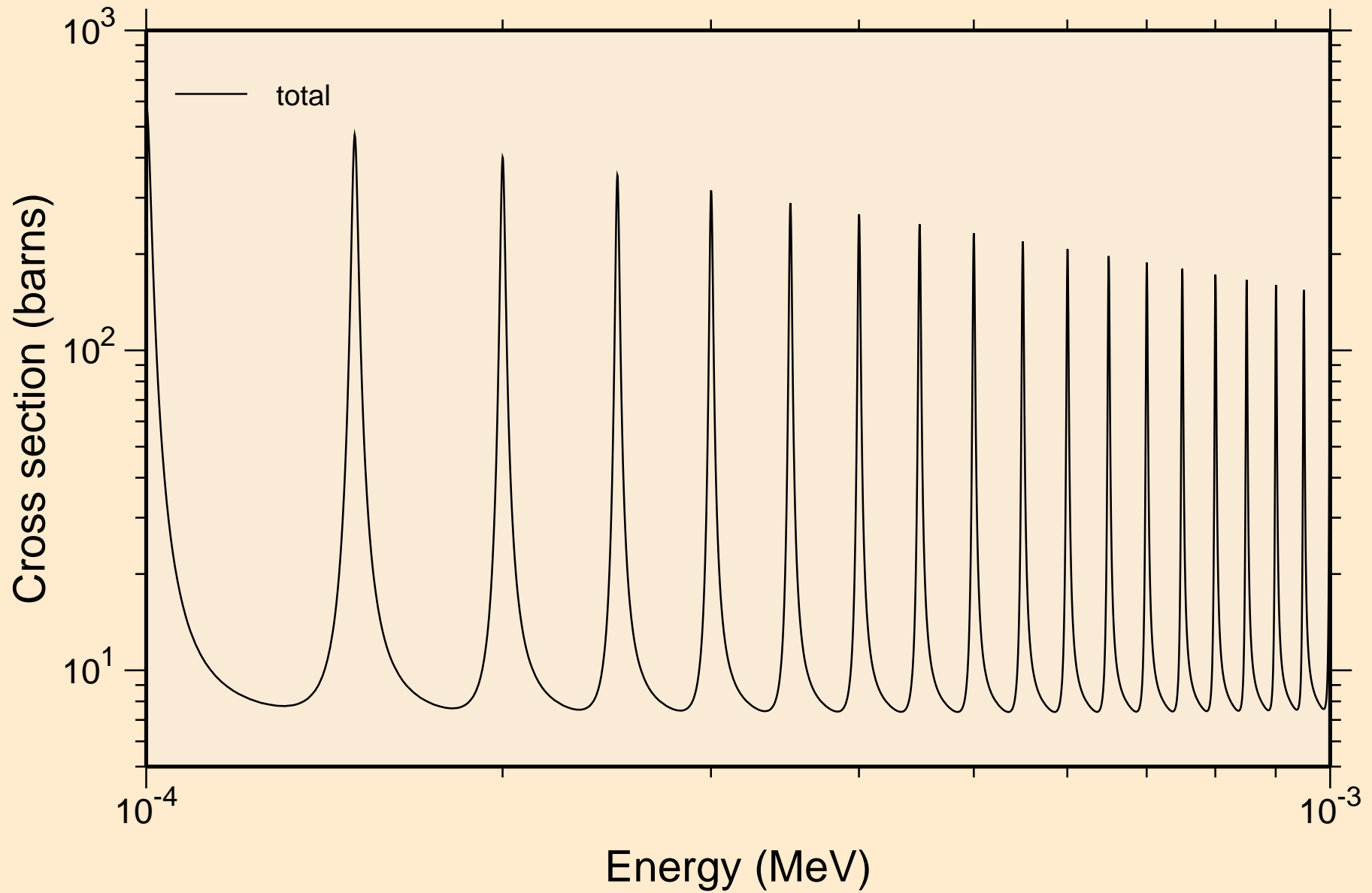


ER177 NRG TENDL-2015, AKONING  
resonance total cross section

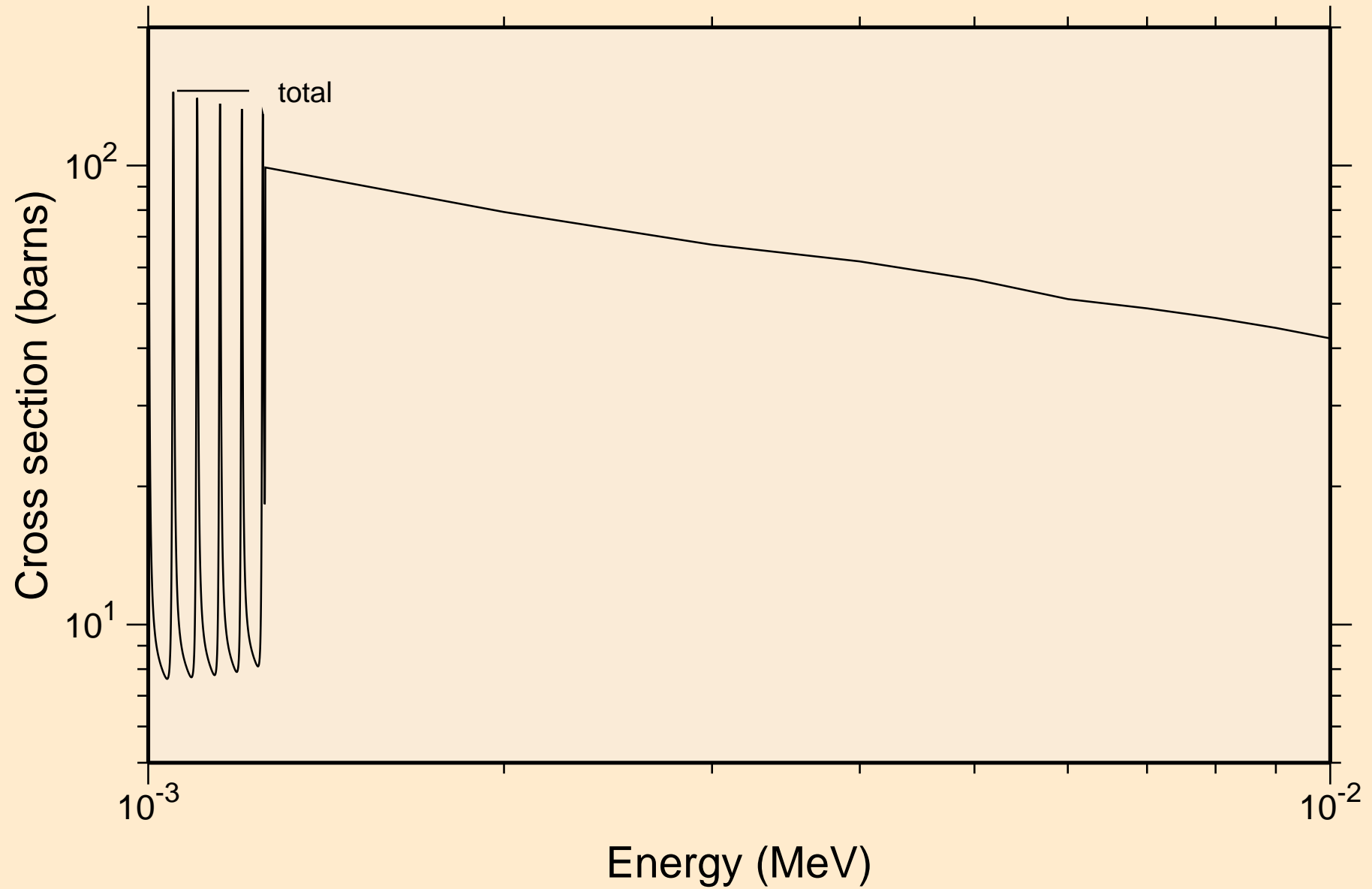


# ER177 NRG TENDL-2015, AKONING

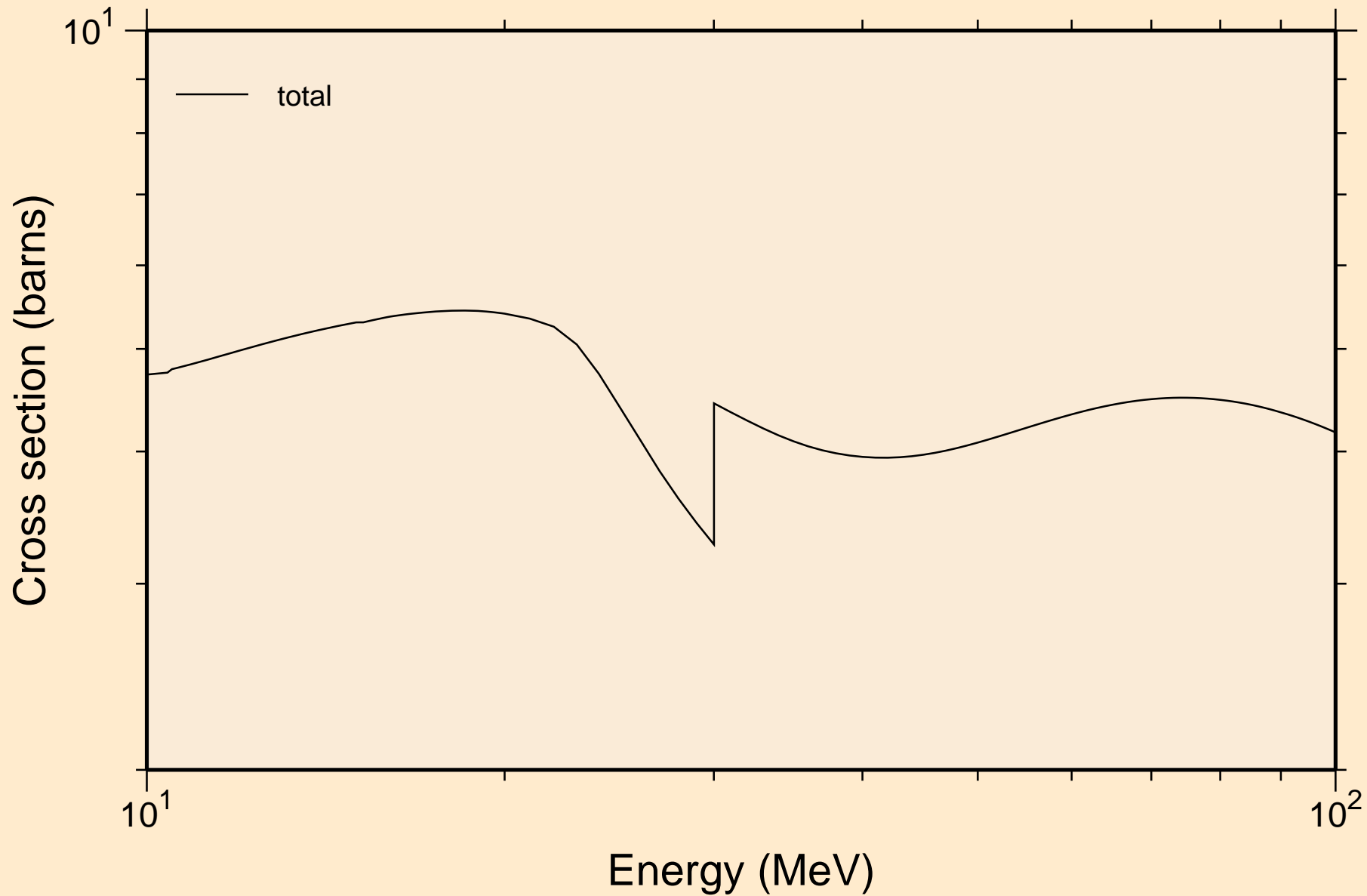
## resonance total cross section



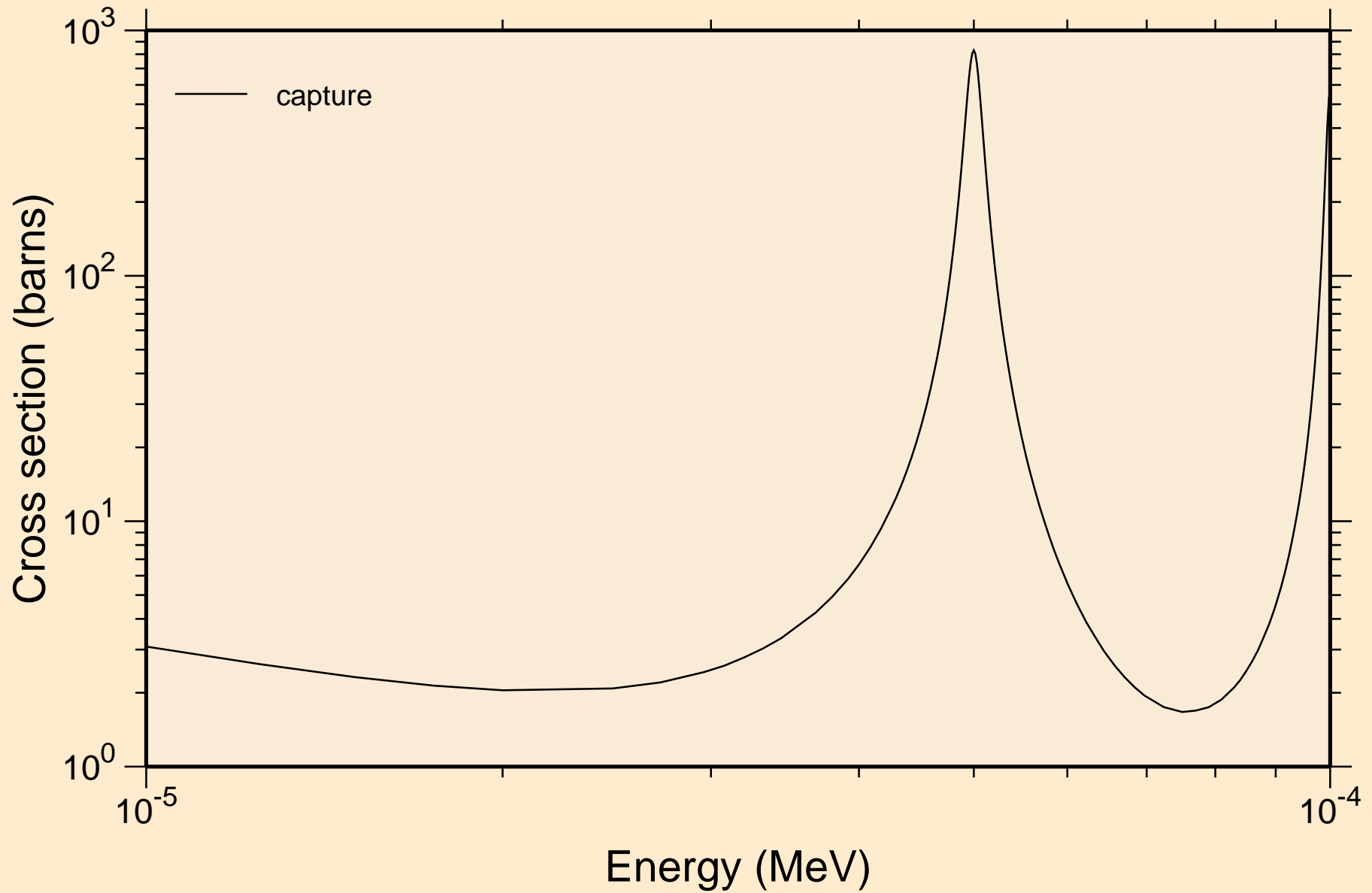
ER177 NRG TENDL-2015, AKONING  
resonance total cross section



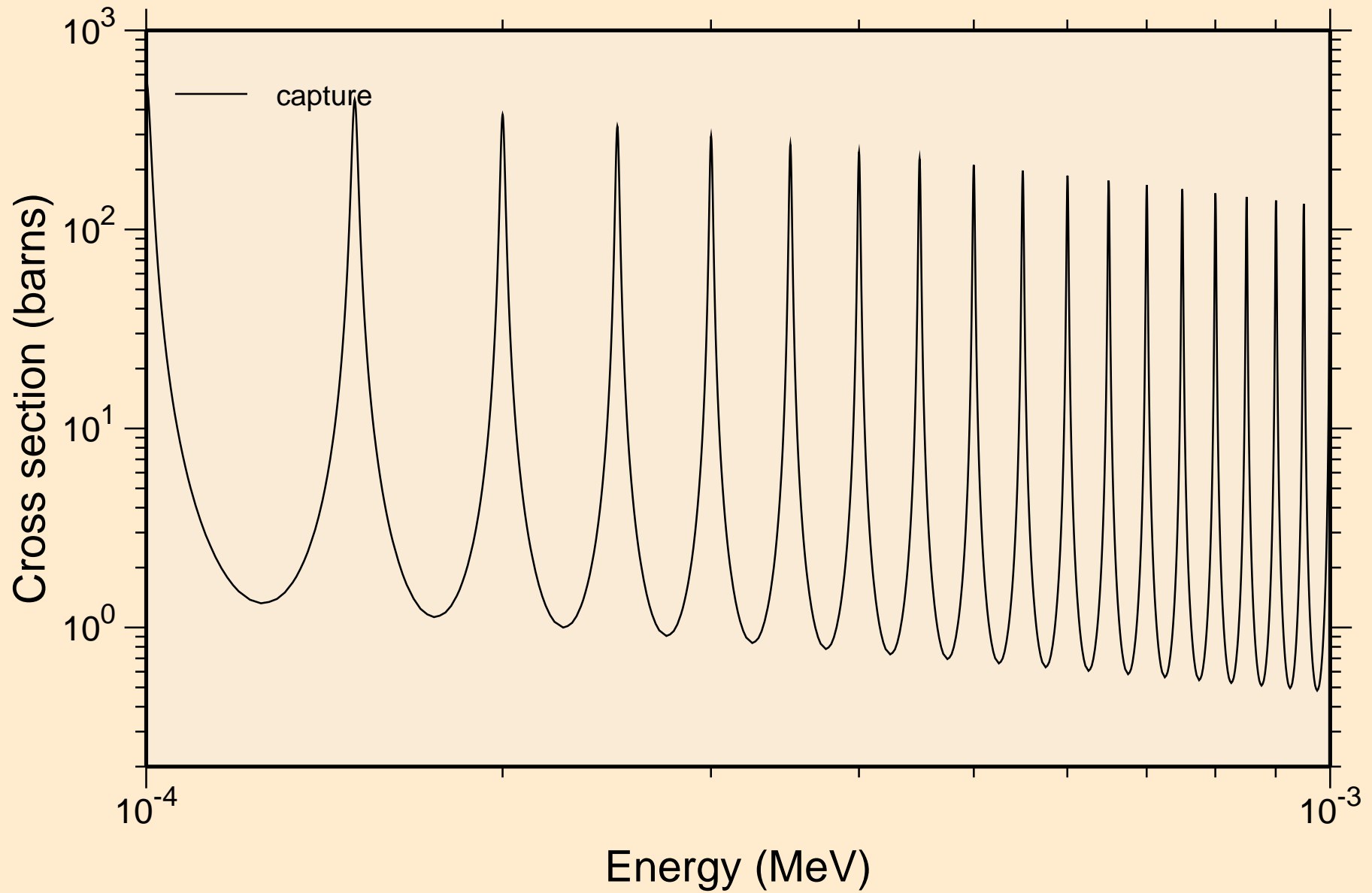
ER177 NRG TENDL-2015, AKONING  
resonance total cross section



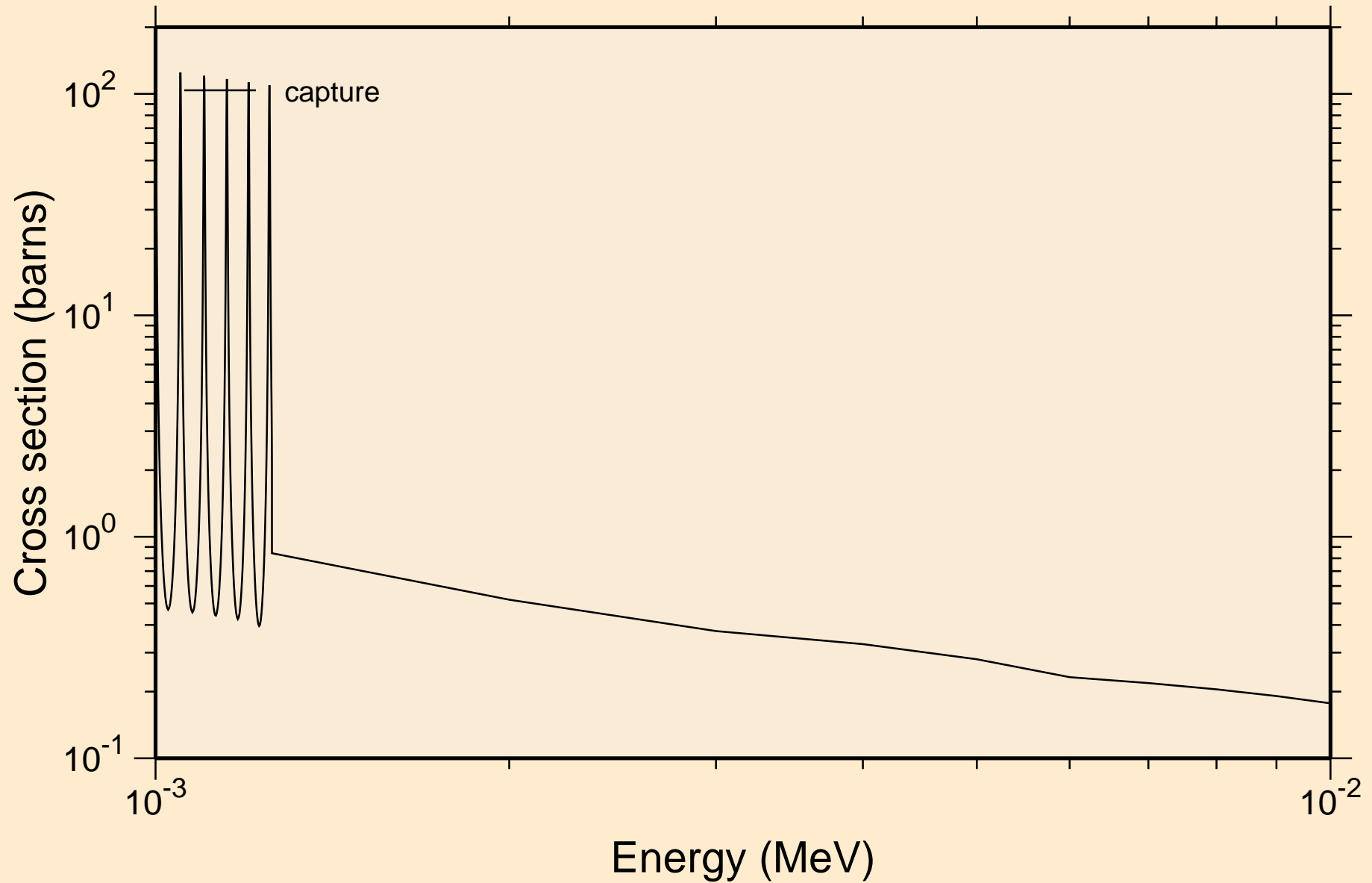
ER177 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# ER177 NRG TENDL-2015, AKONING resonance absorption cross sections



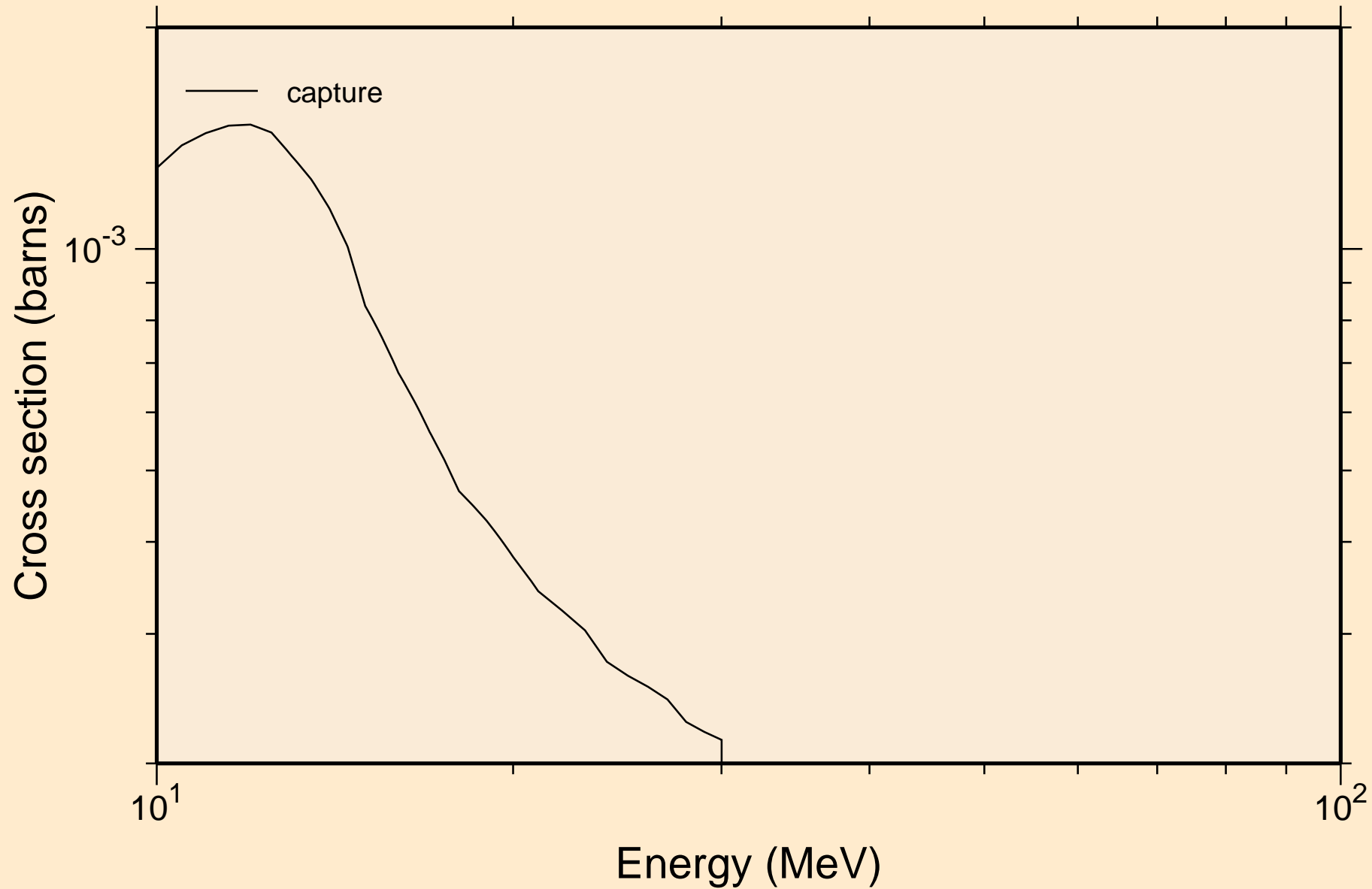
ER177 NRG TENDL-2015, AKONING  
resonance absorption cross sections



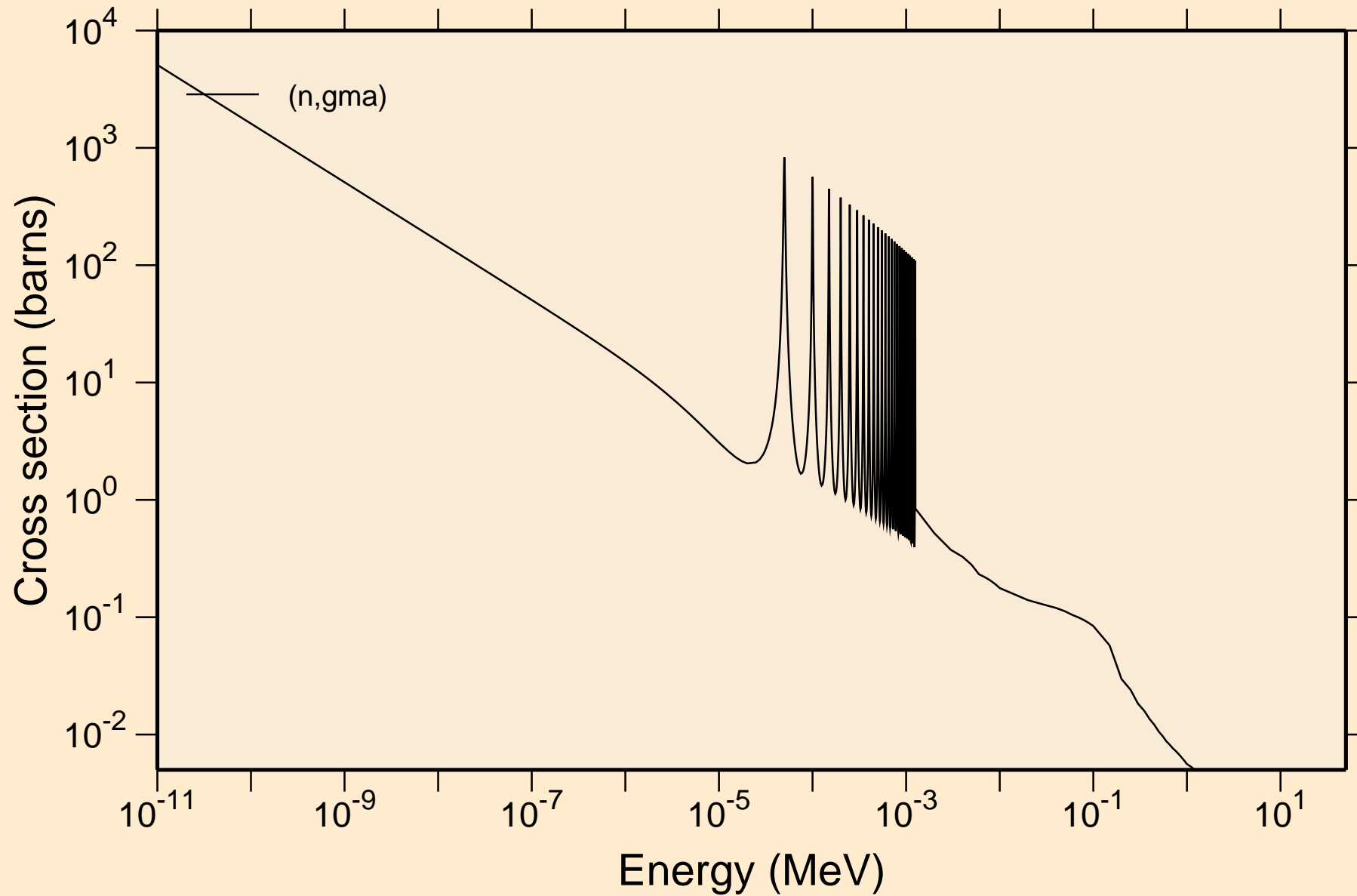


# ER177 NRG TENDL-2015, AKONING

## resonance absorption cross sections

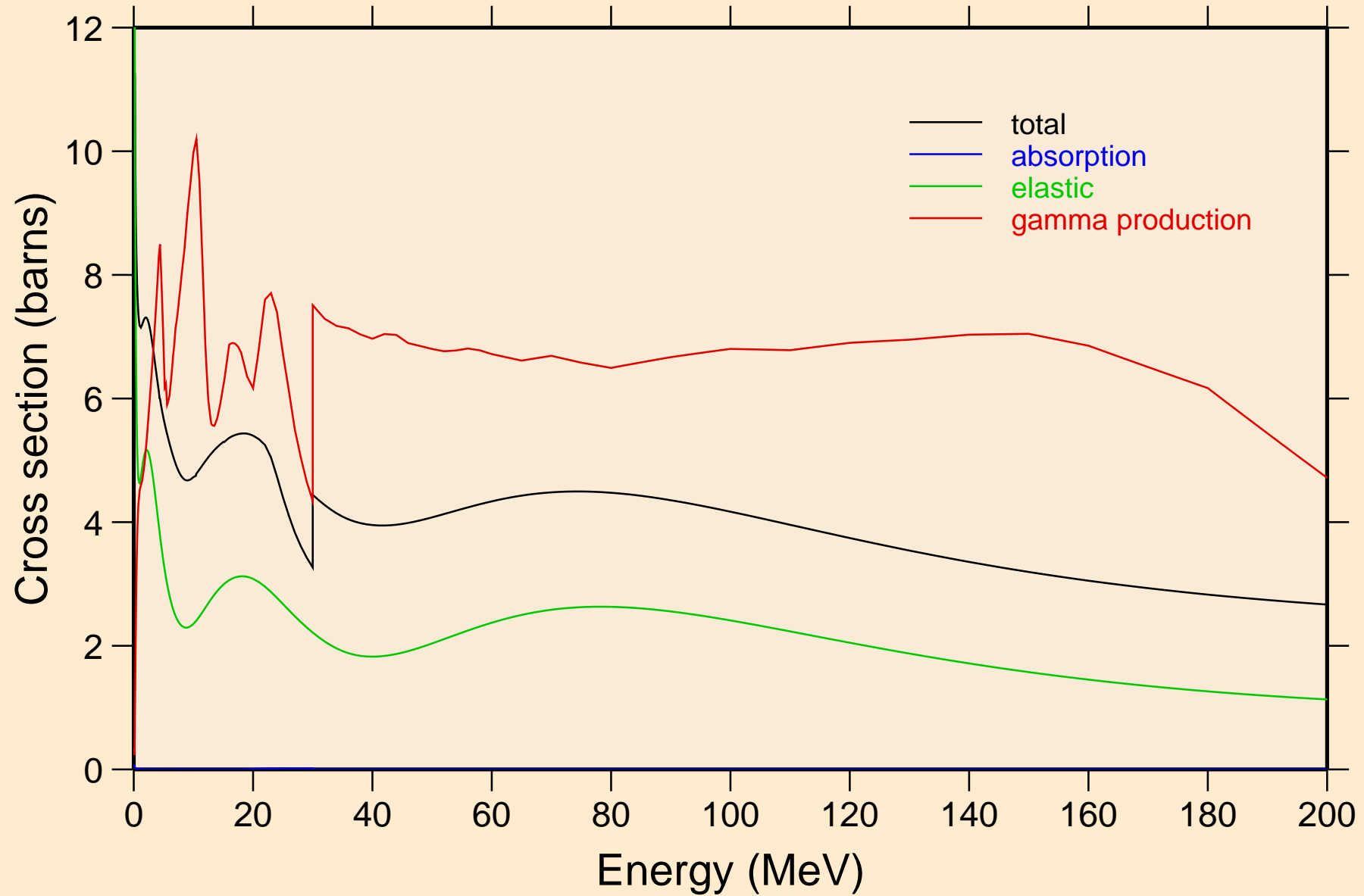


ER177 NRG TENDL-2015, AKONING  
Non-threshold reactions

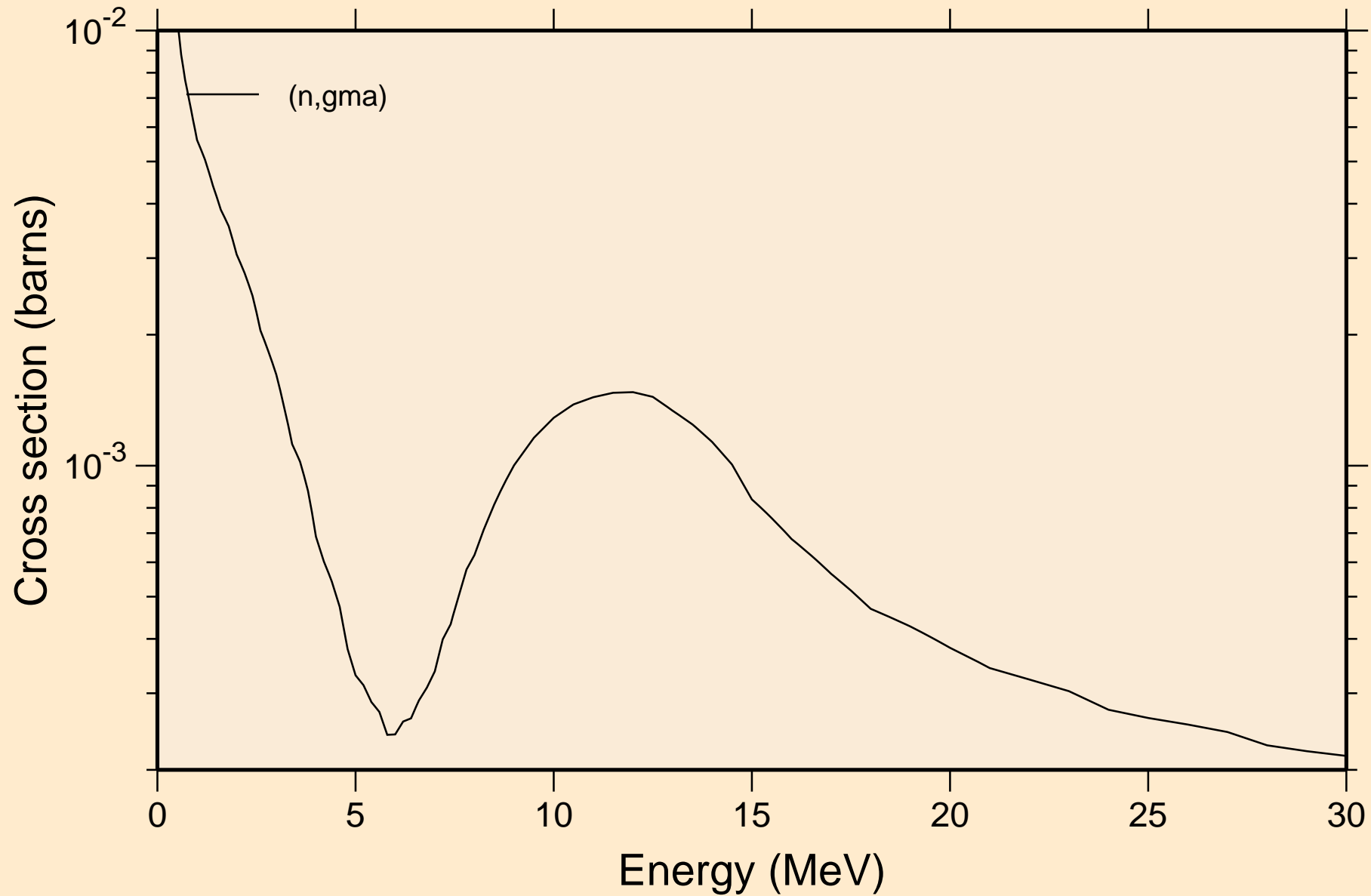


# ER177 NRG TENDL-2015, AKONING

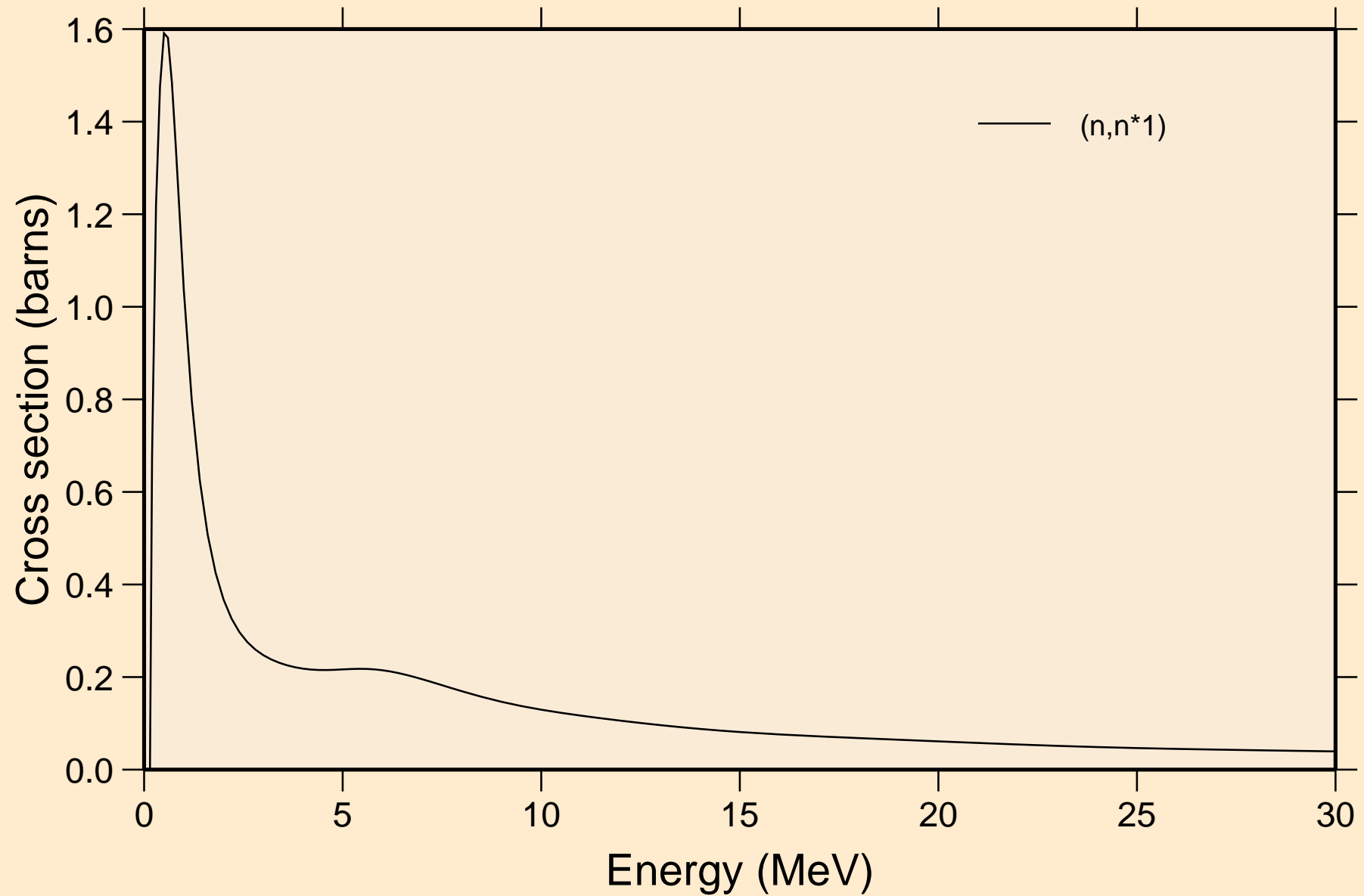
## Principal cross sections



ER177 NRG TENDL-2015, AKONING  
Non-threshold reactions

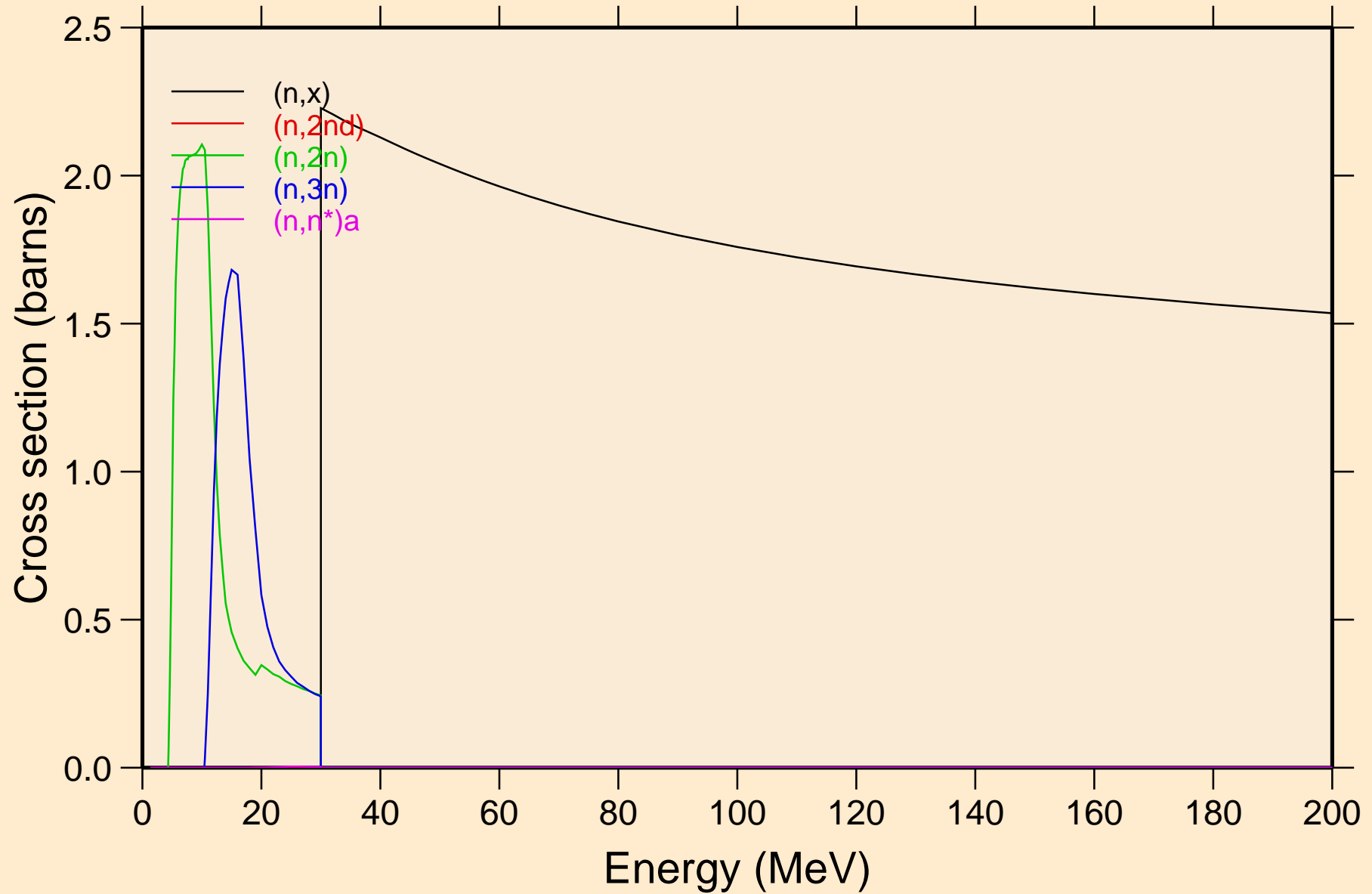


ER177 NRG TENDL-2015, AKONING  
Inelastic levels



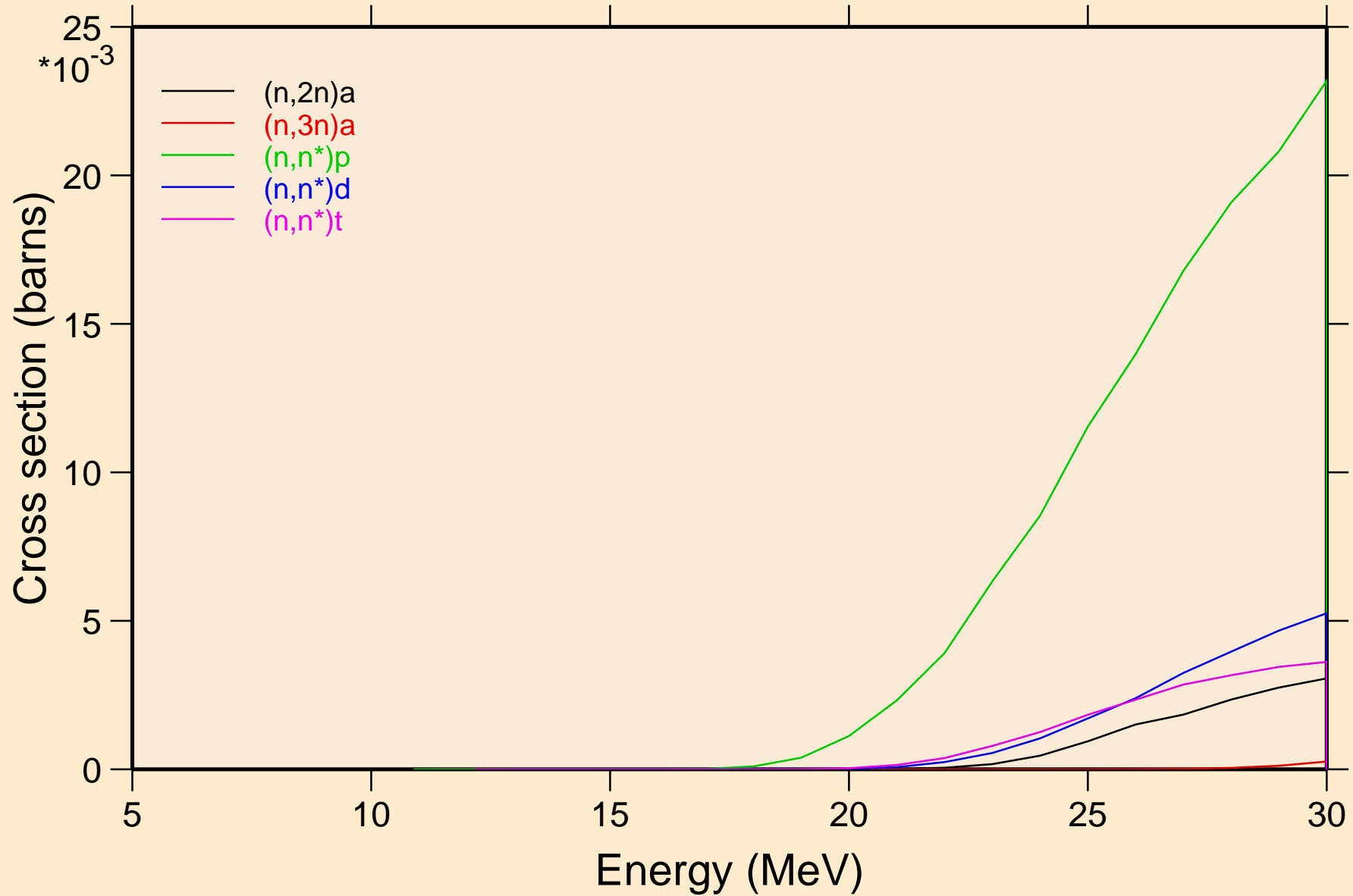
# ER177 NRG TENDL-2015, AKONING

## Threshold reactions



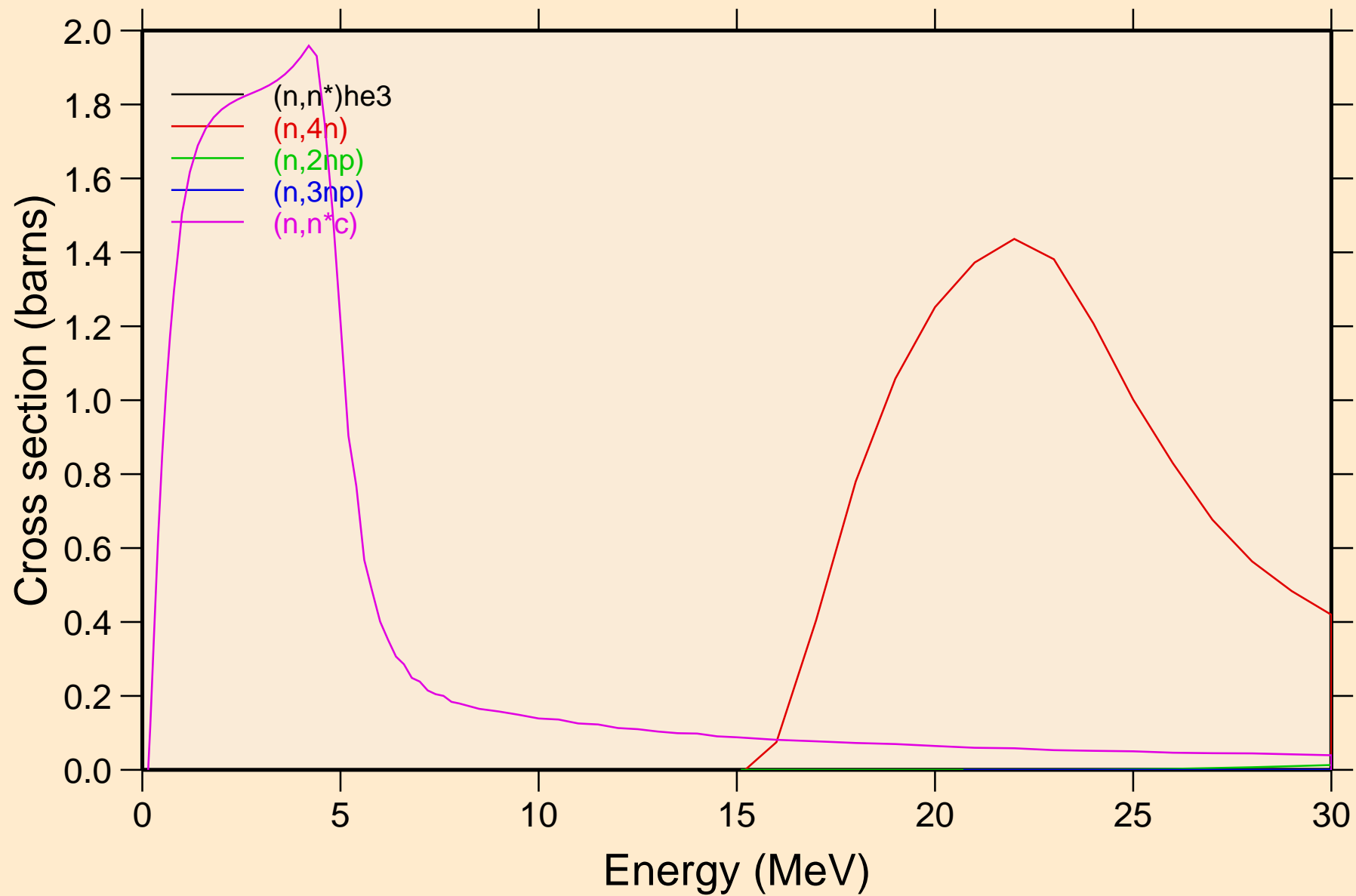
# ER177 NRG TENDL-2015, AKONING

## Threshold reactions



# ER177 NRG TENDL-2015, AKONING

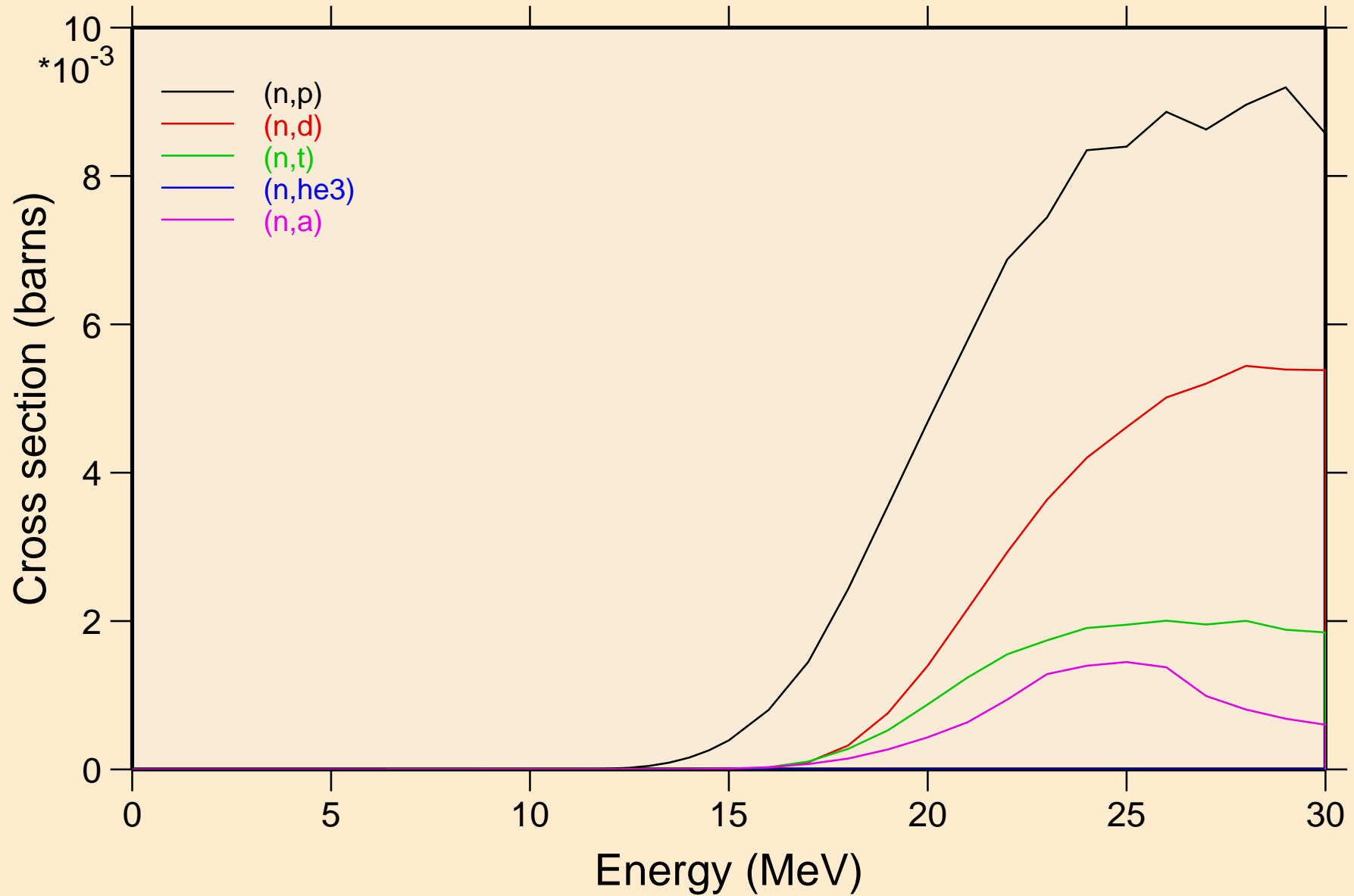
## Threshold reactions





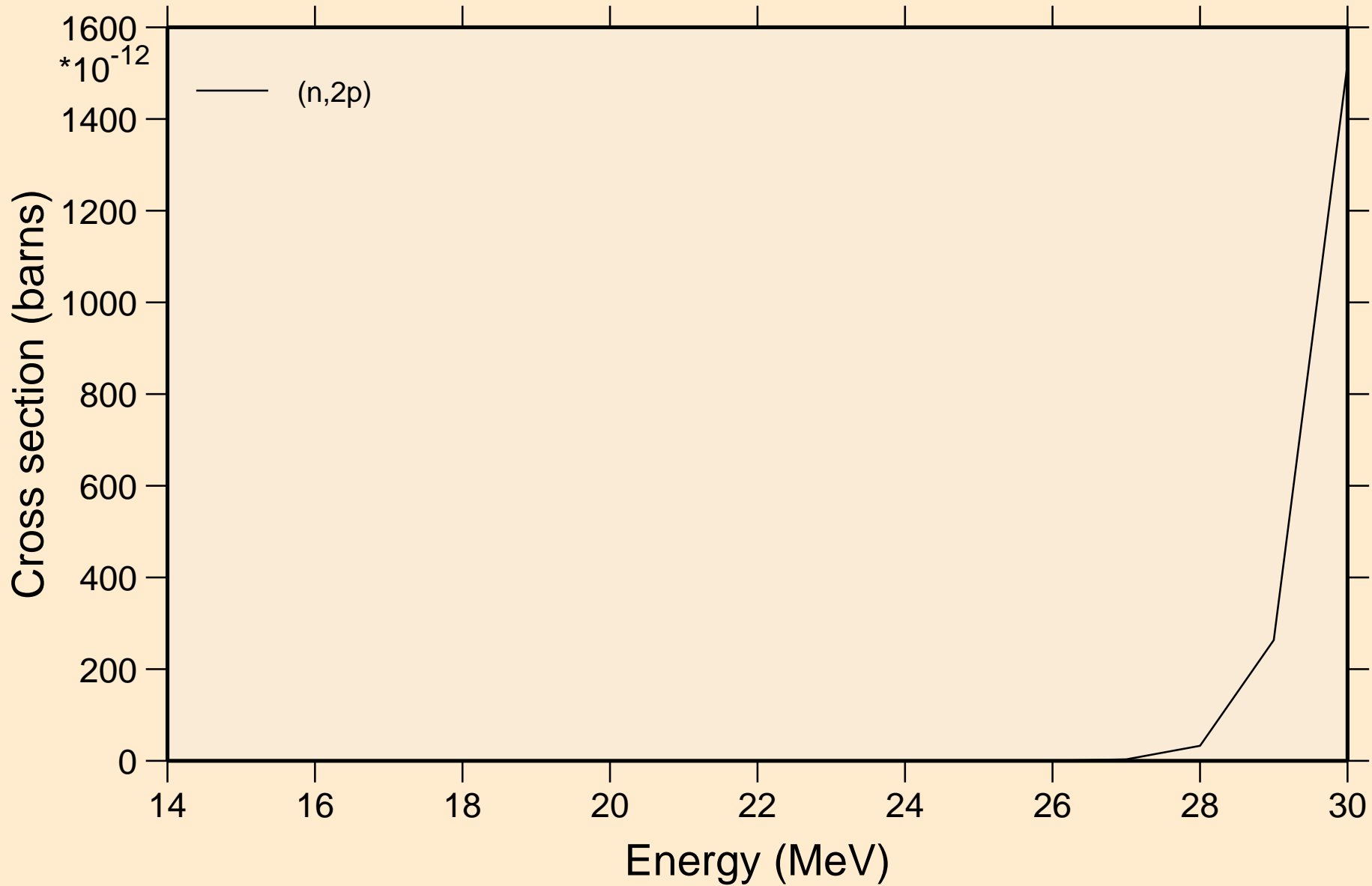
# ER177 NRG TENDL-2015, AKONING

## Threshold reactions

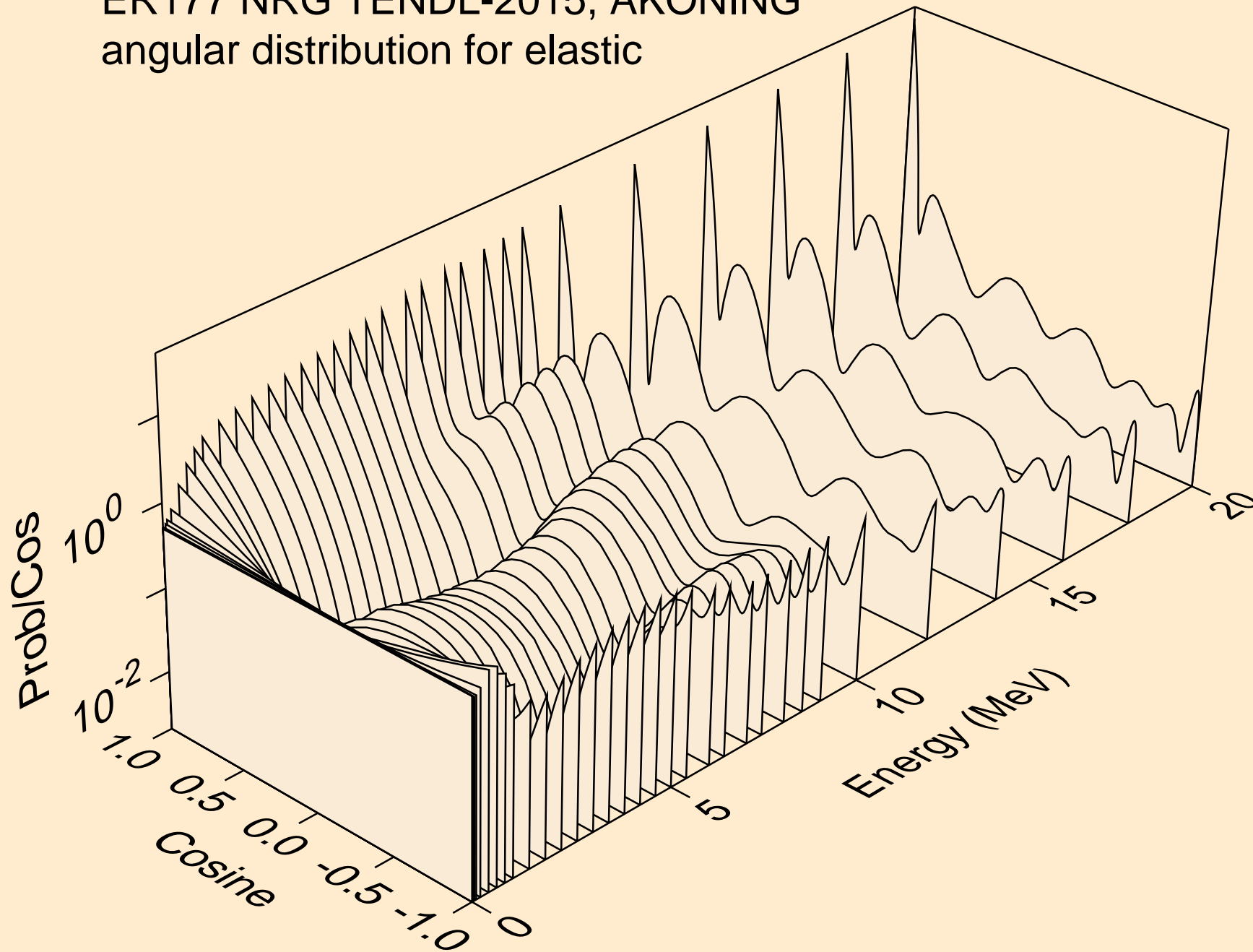


# ER177 NRG TENDL-2015, AKONING

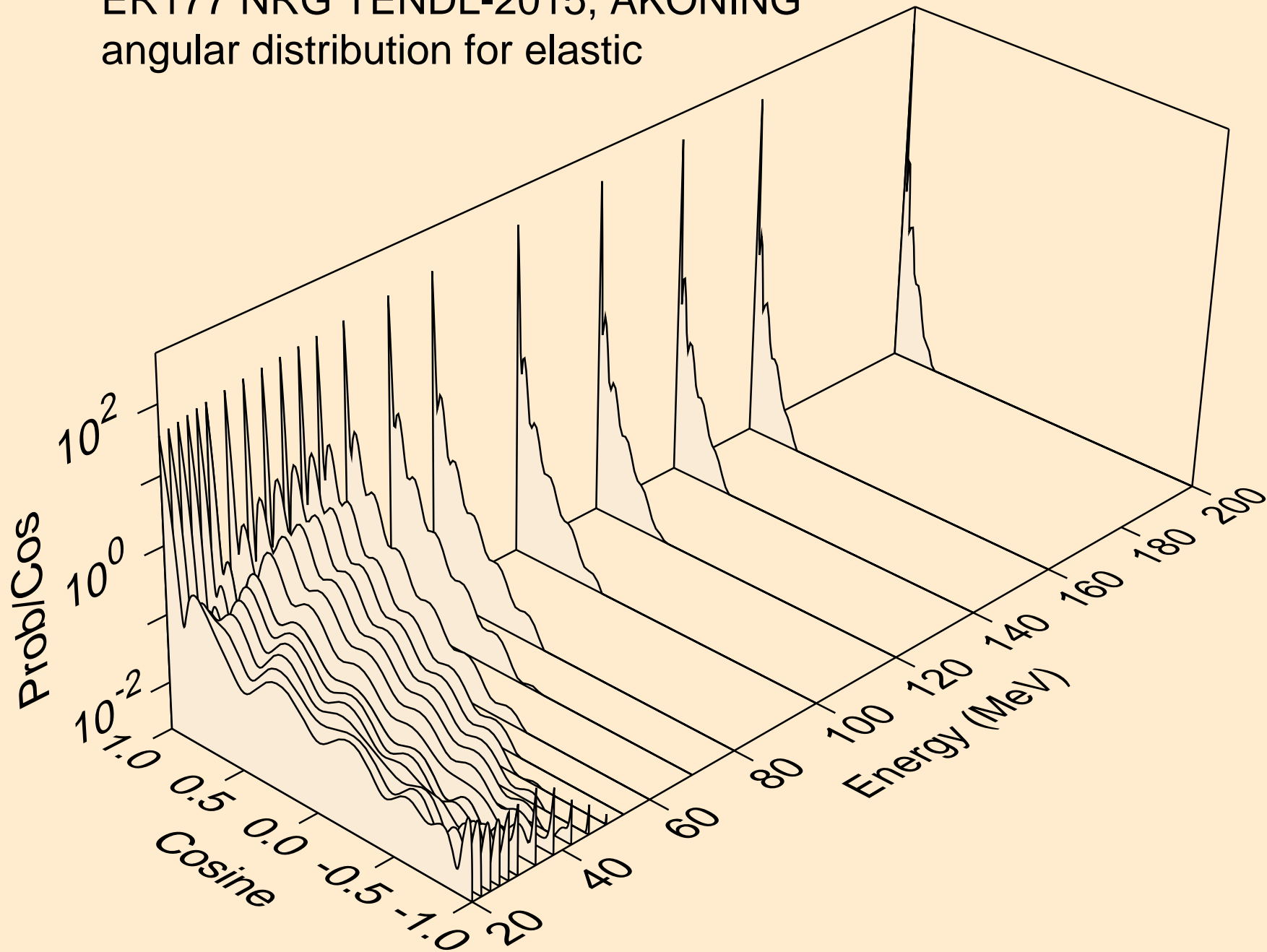
## Threshold reactions



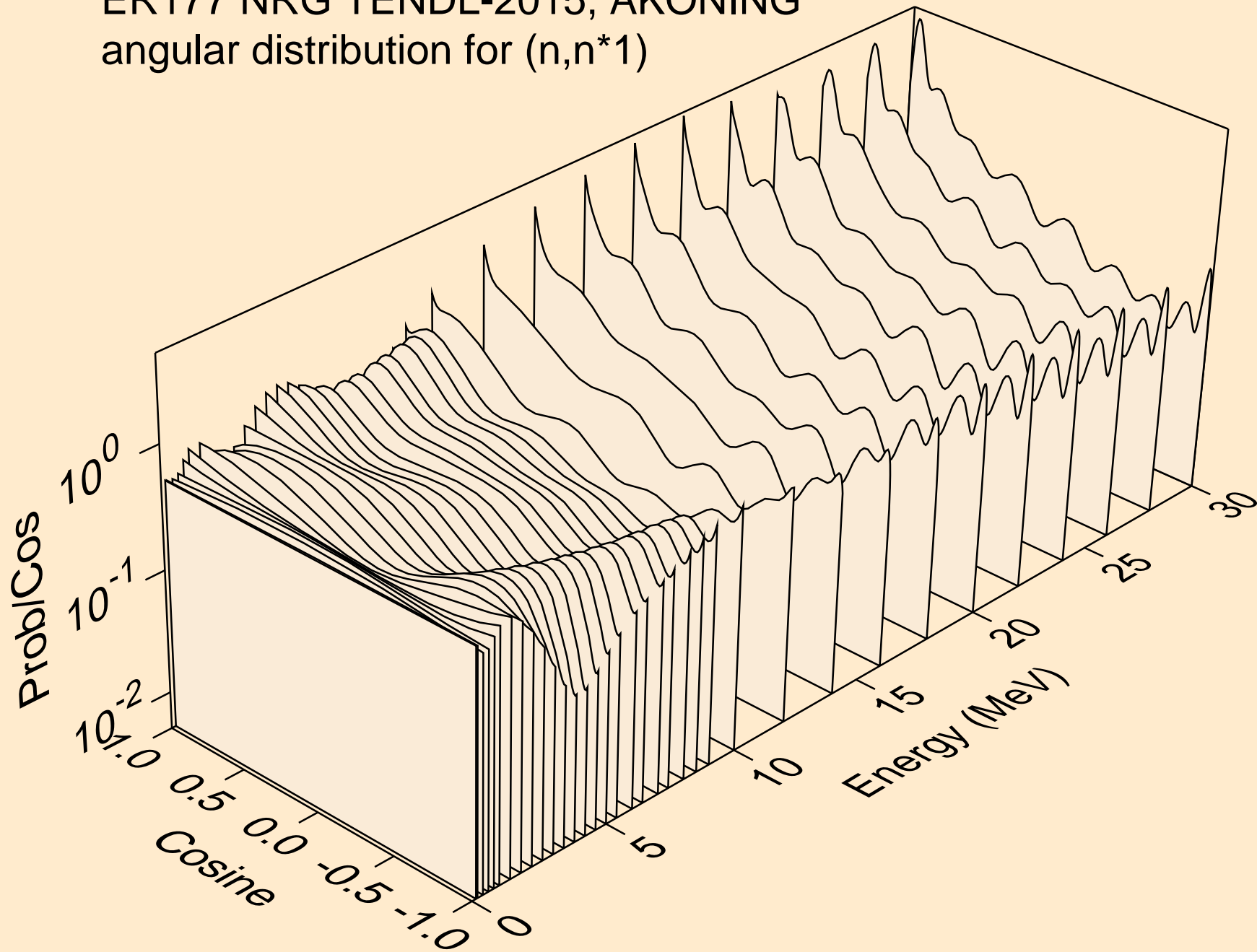
ER177 NRG TENDL-2015, AKONING  
angular distribution for elastic



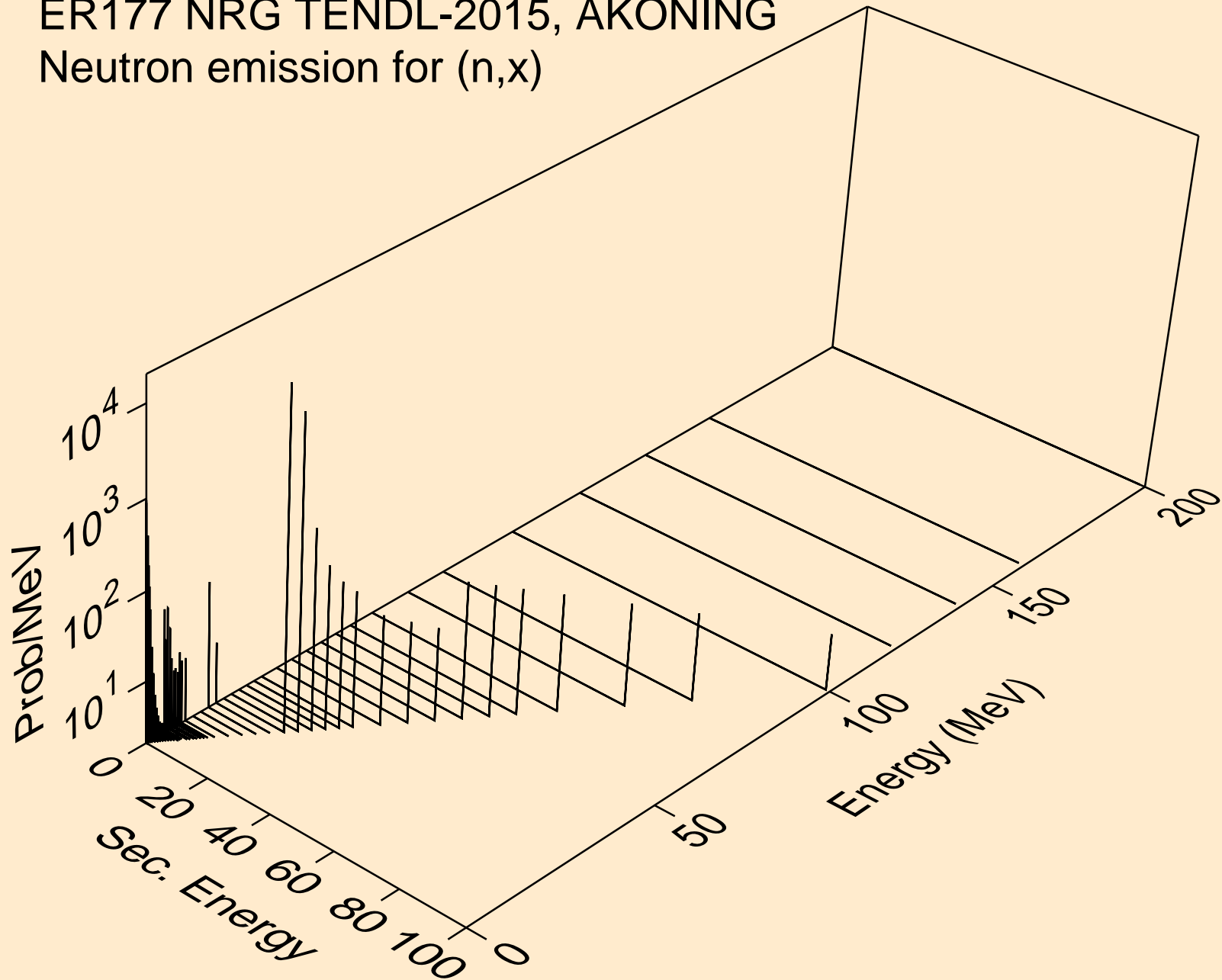
ER177 NRG TENDL-2015, AKONING  
angular distribution for elastic



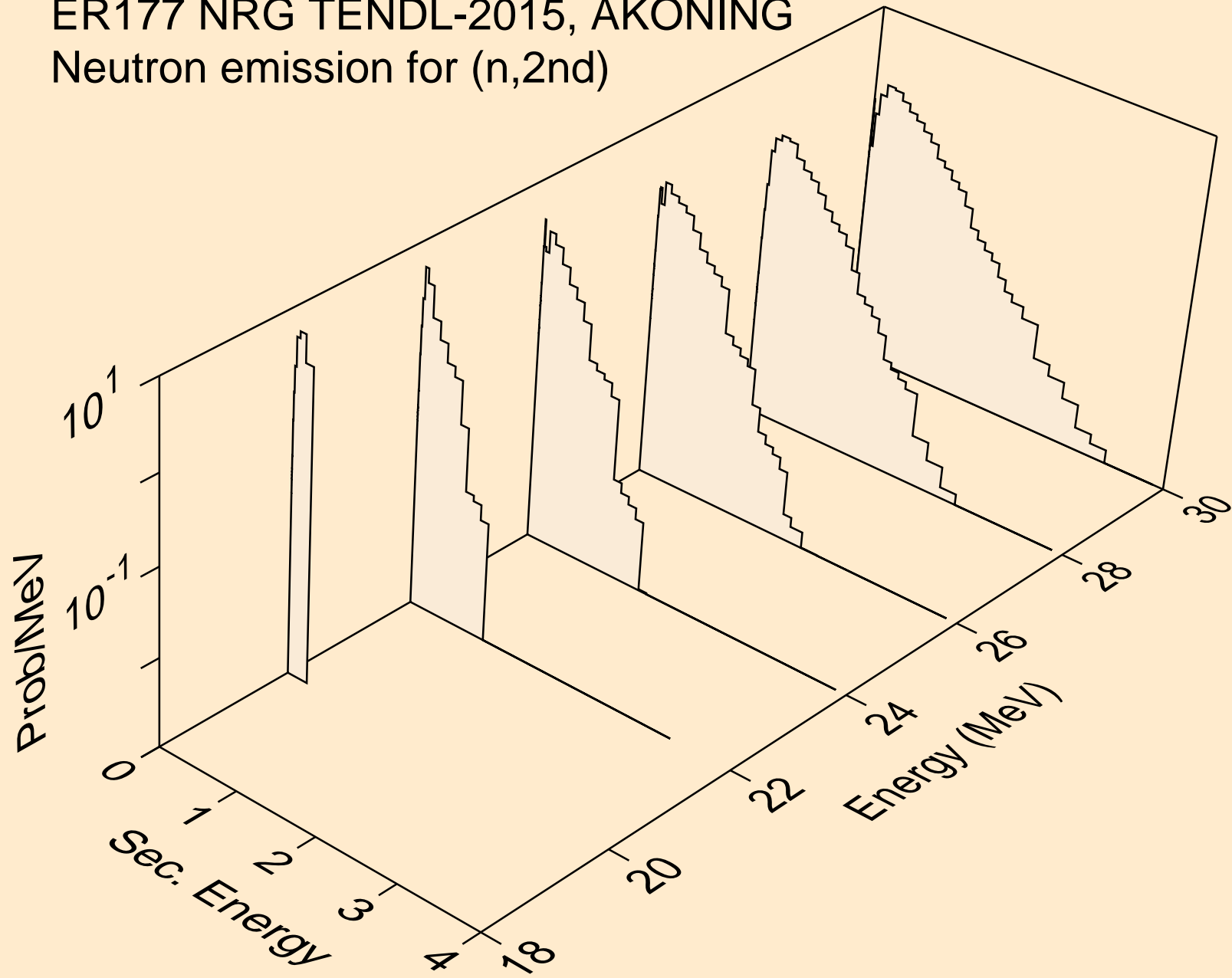
ER177 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



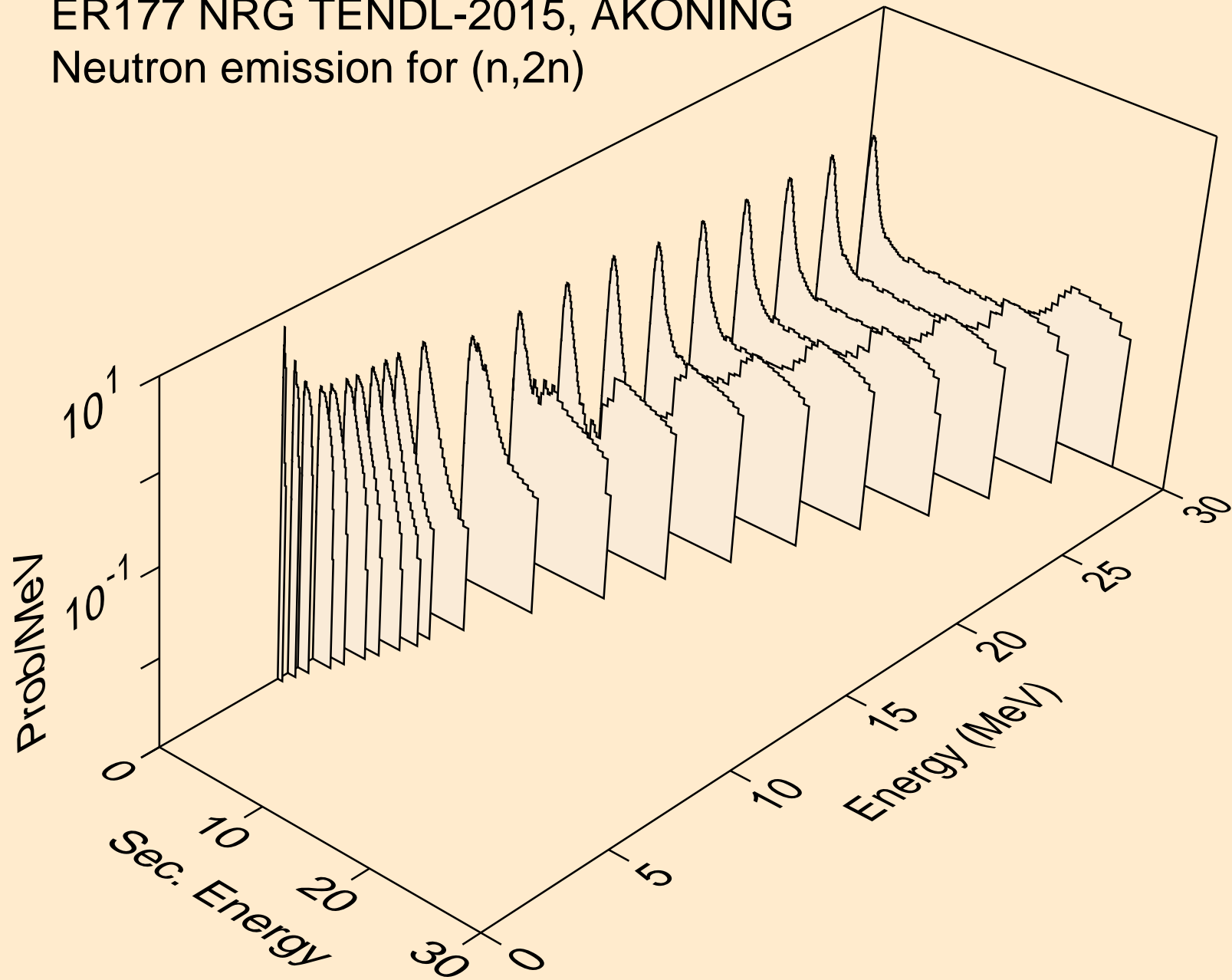
ER177 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



ER177 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

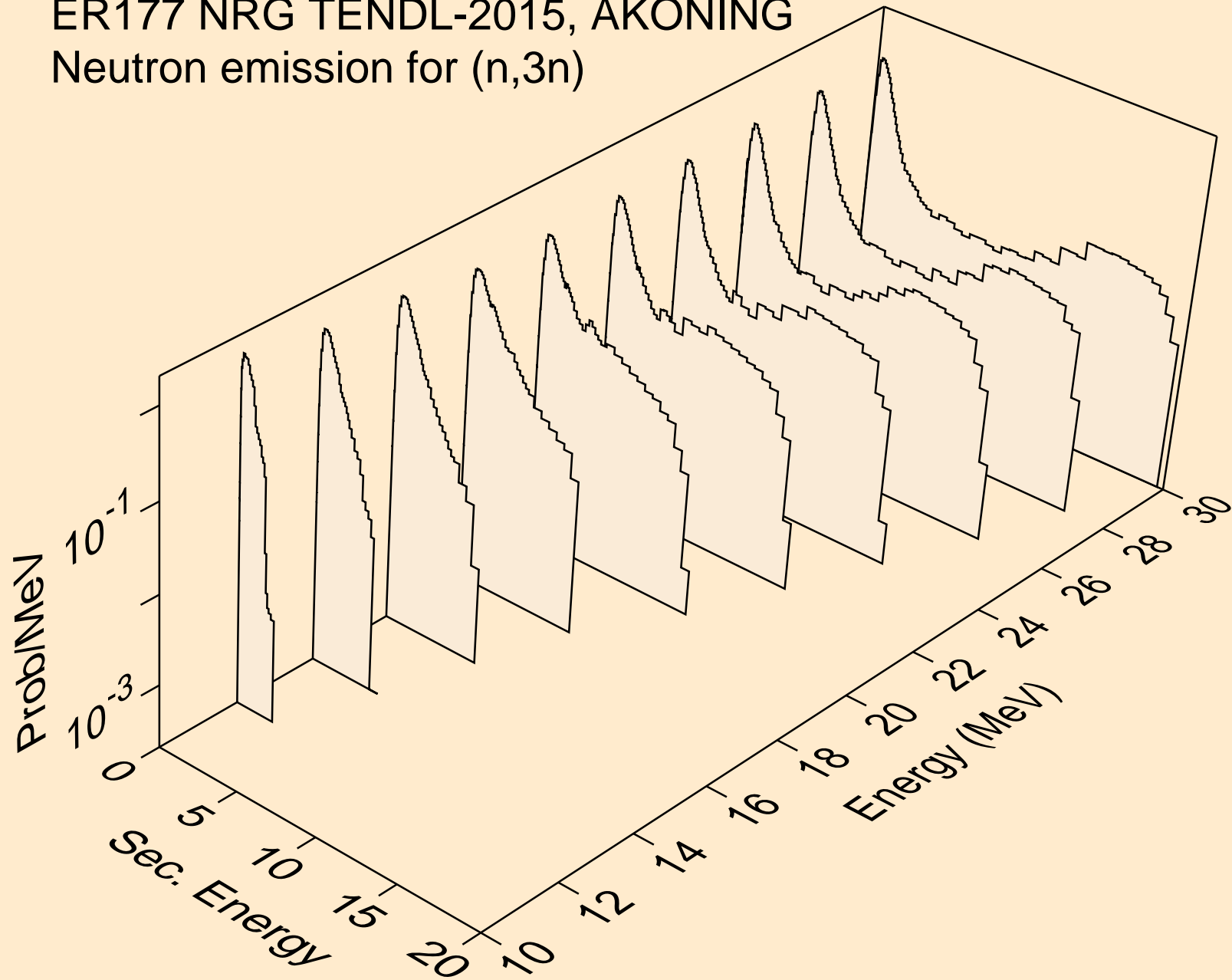


ER177 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

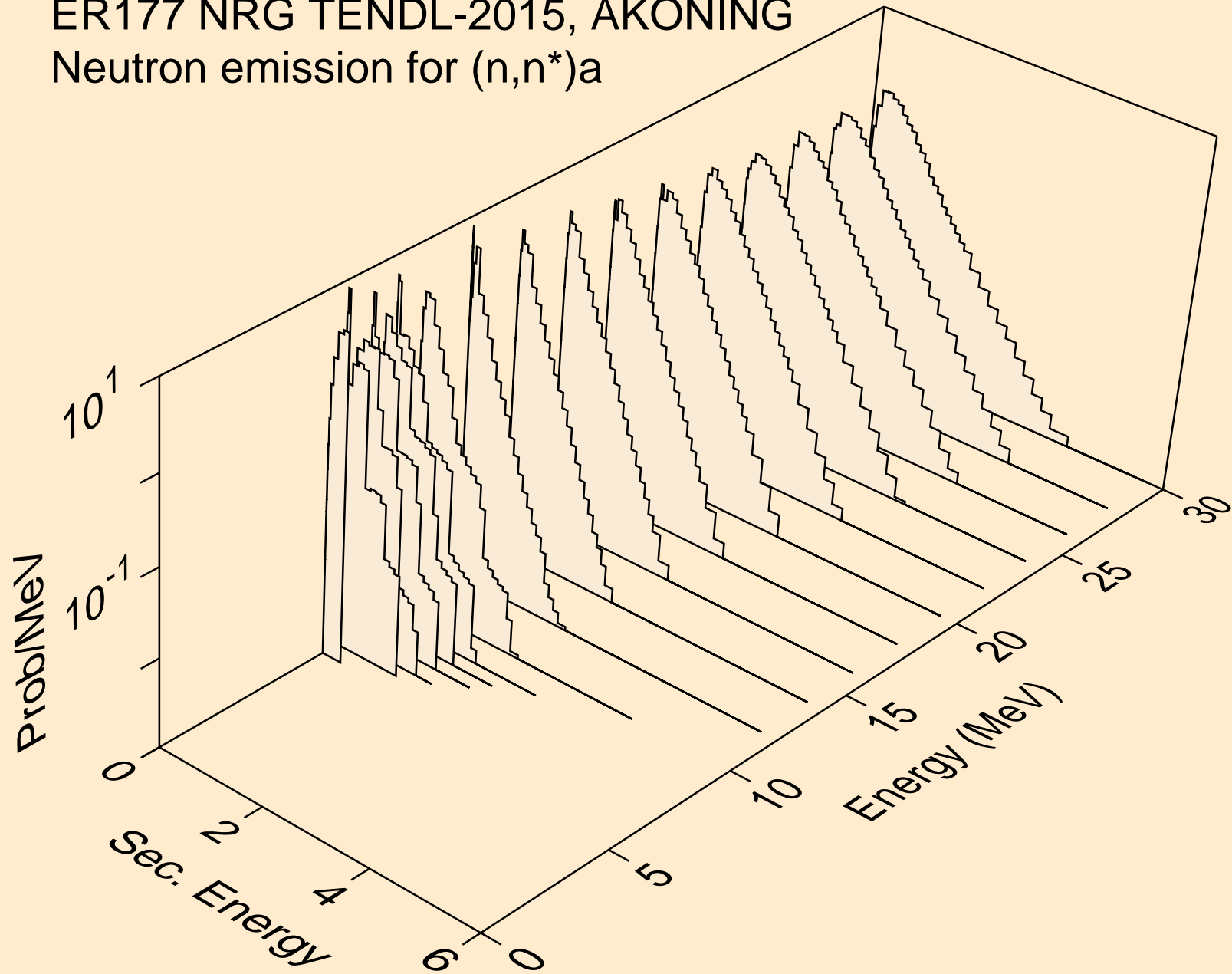




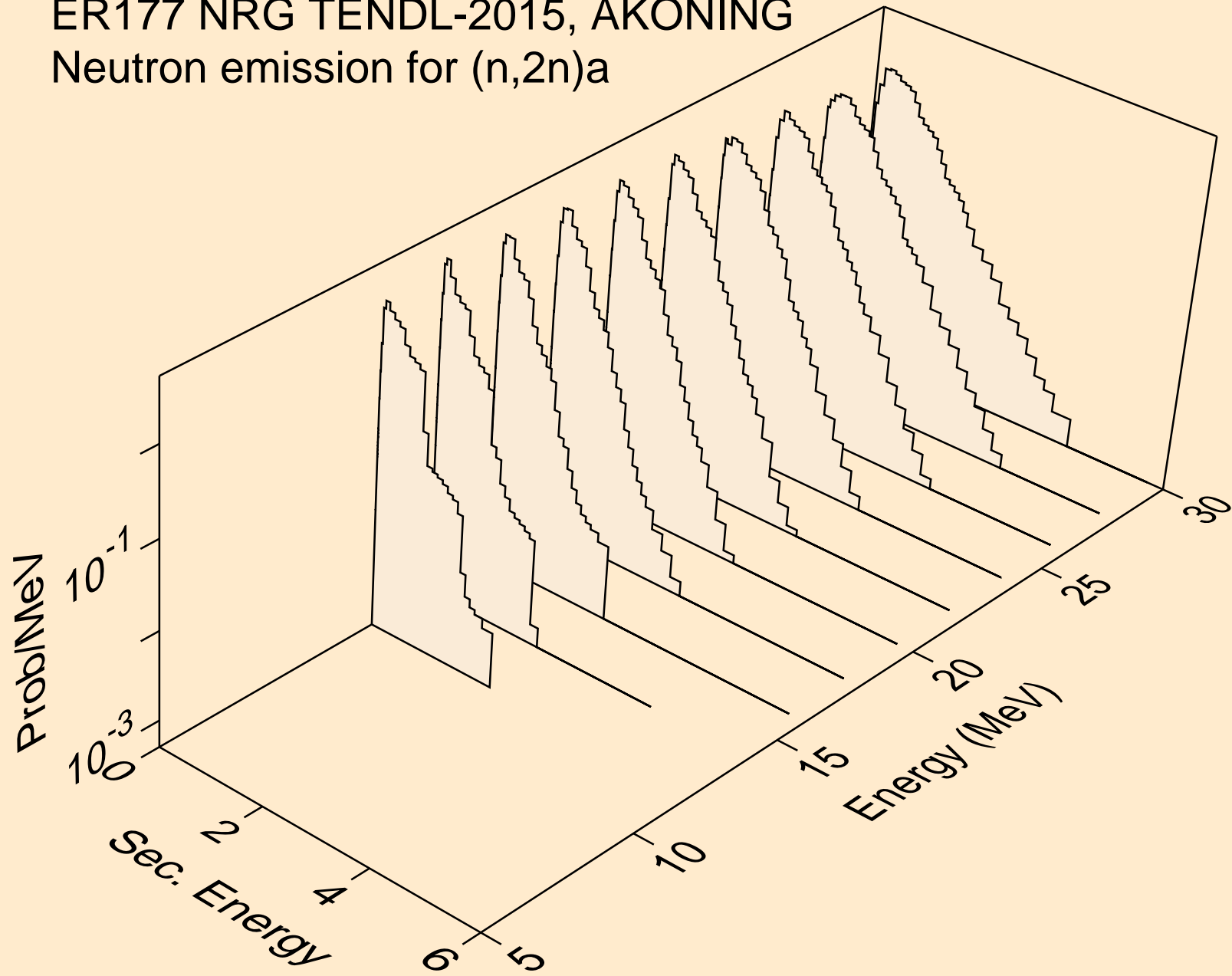
ER177 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



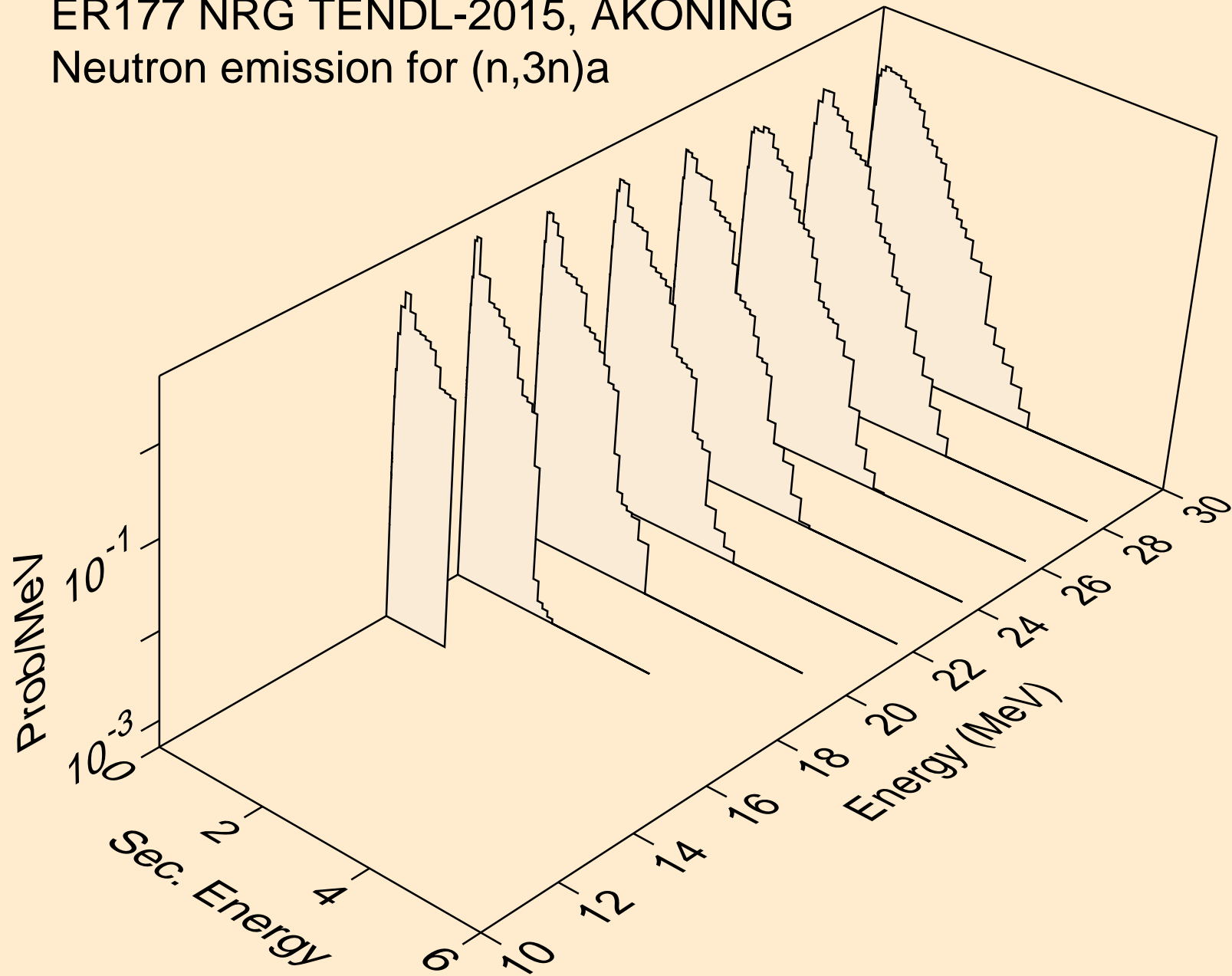
ER177 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



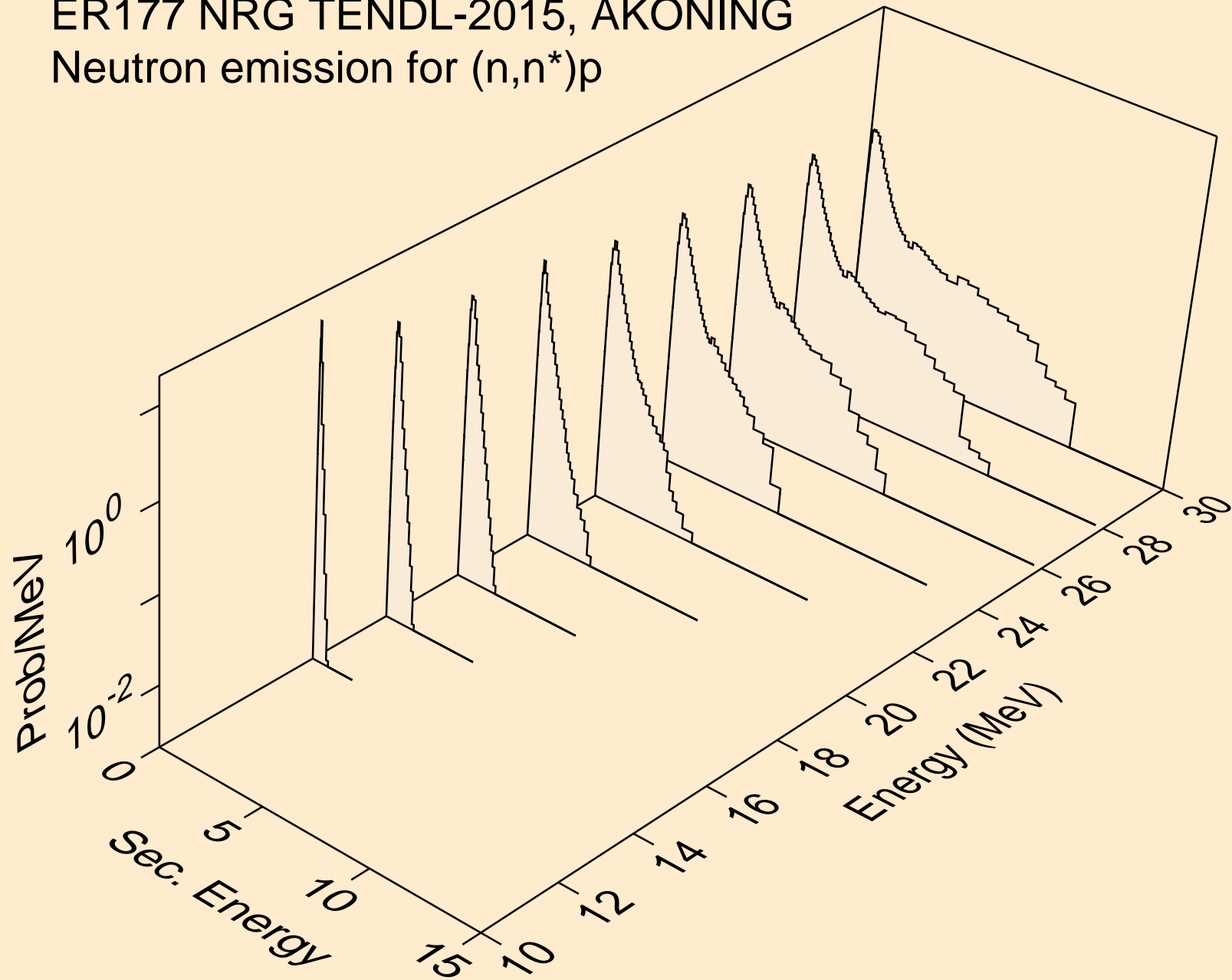
ER177 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



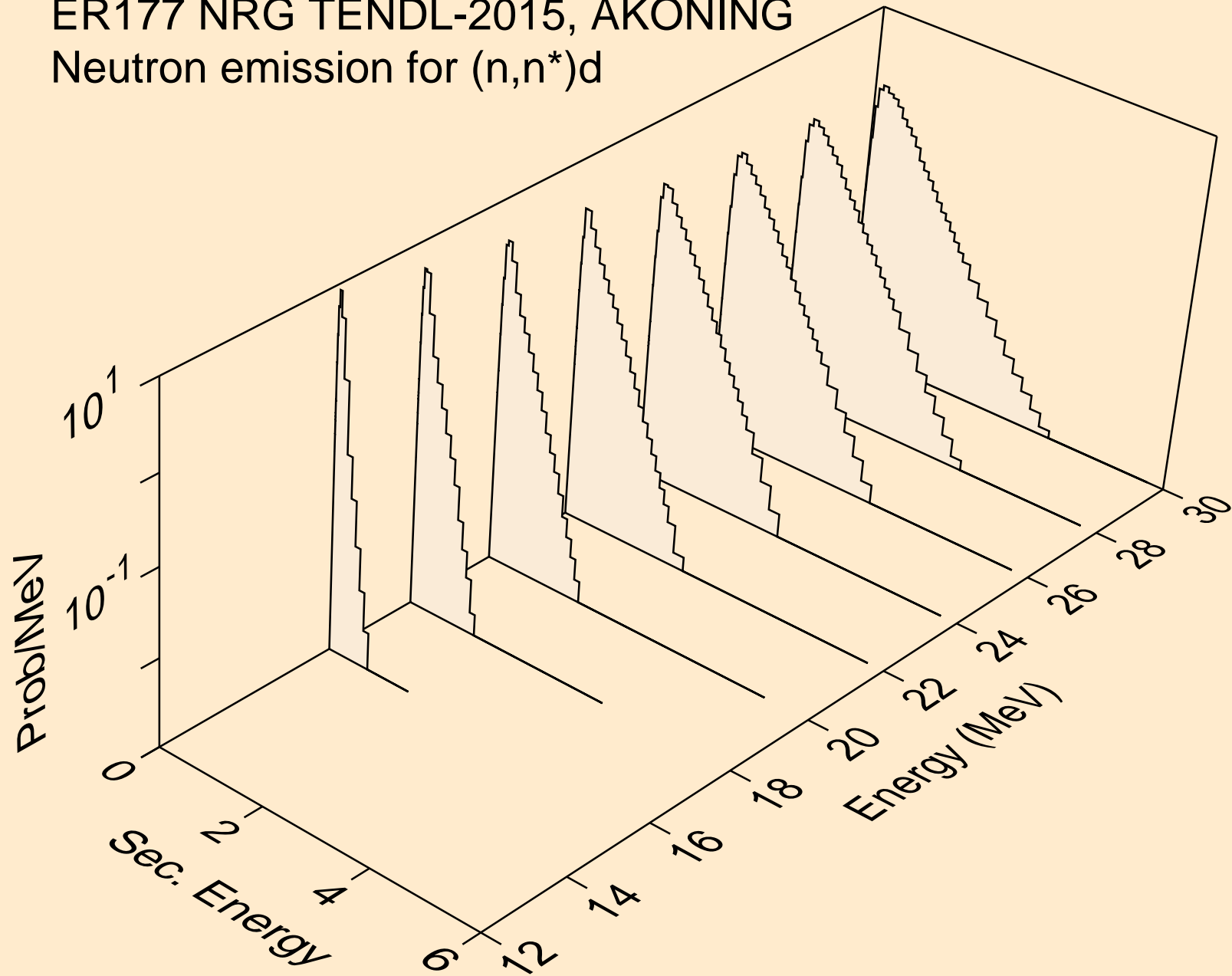
ER177 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



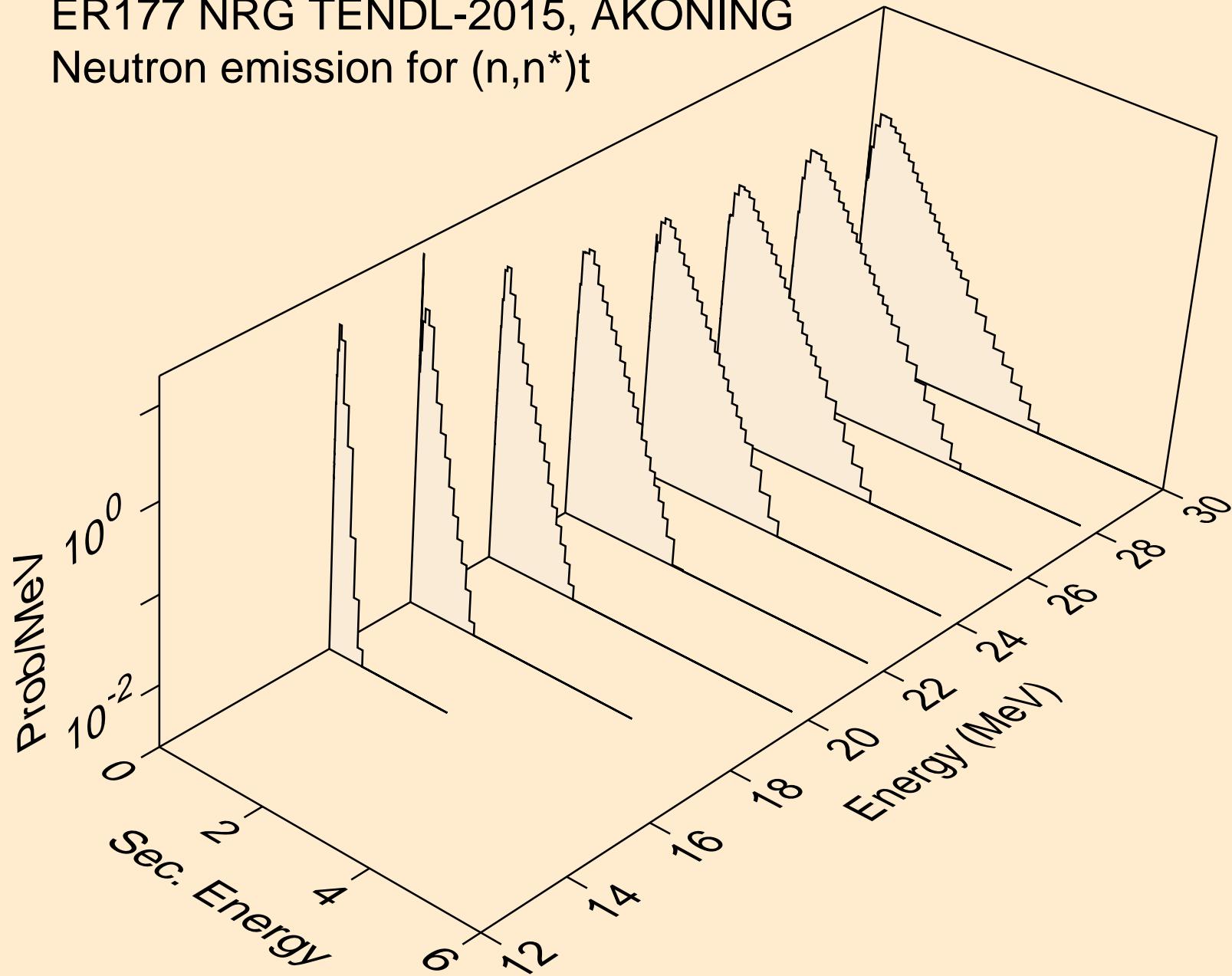
ER177 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



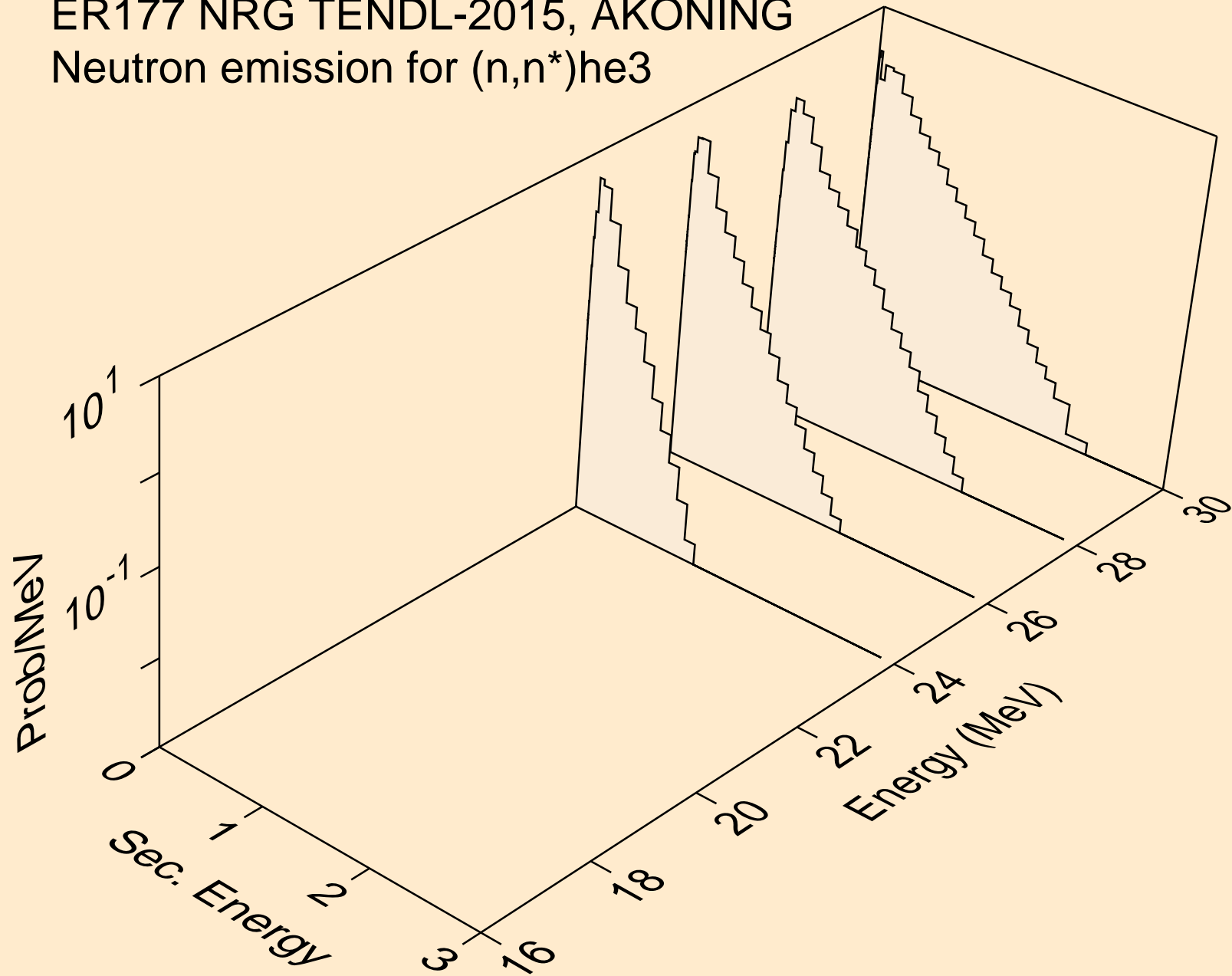
ER177 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



ER177 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

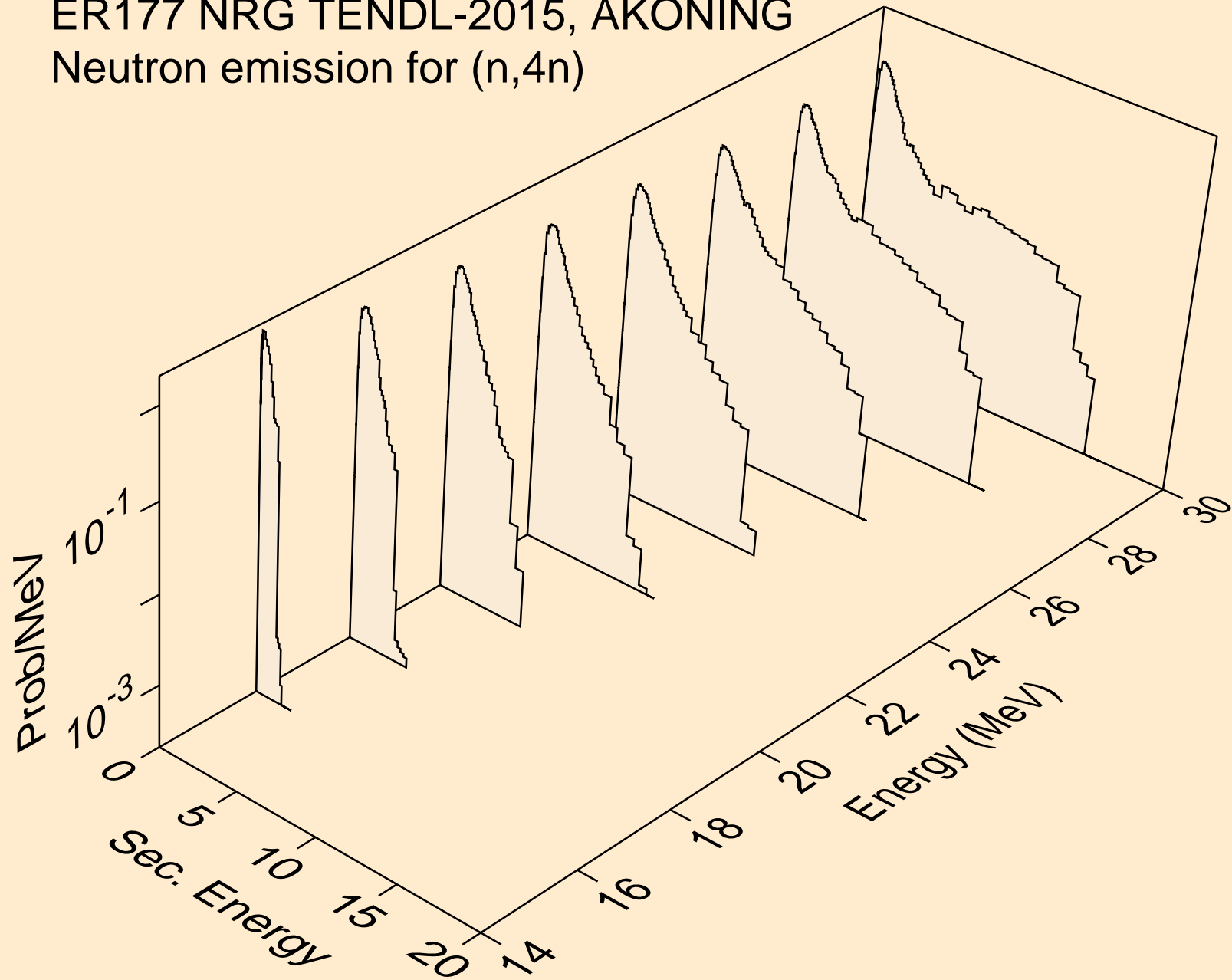


ER177 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

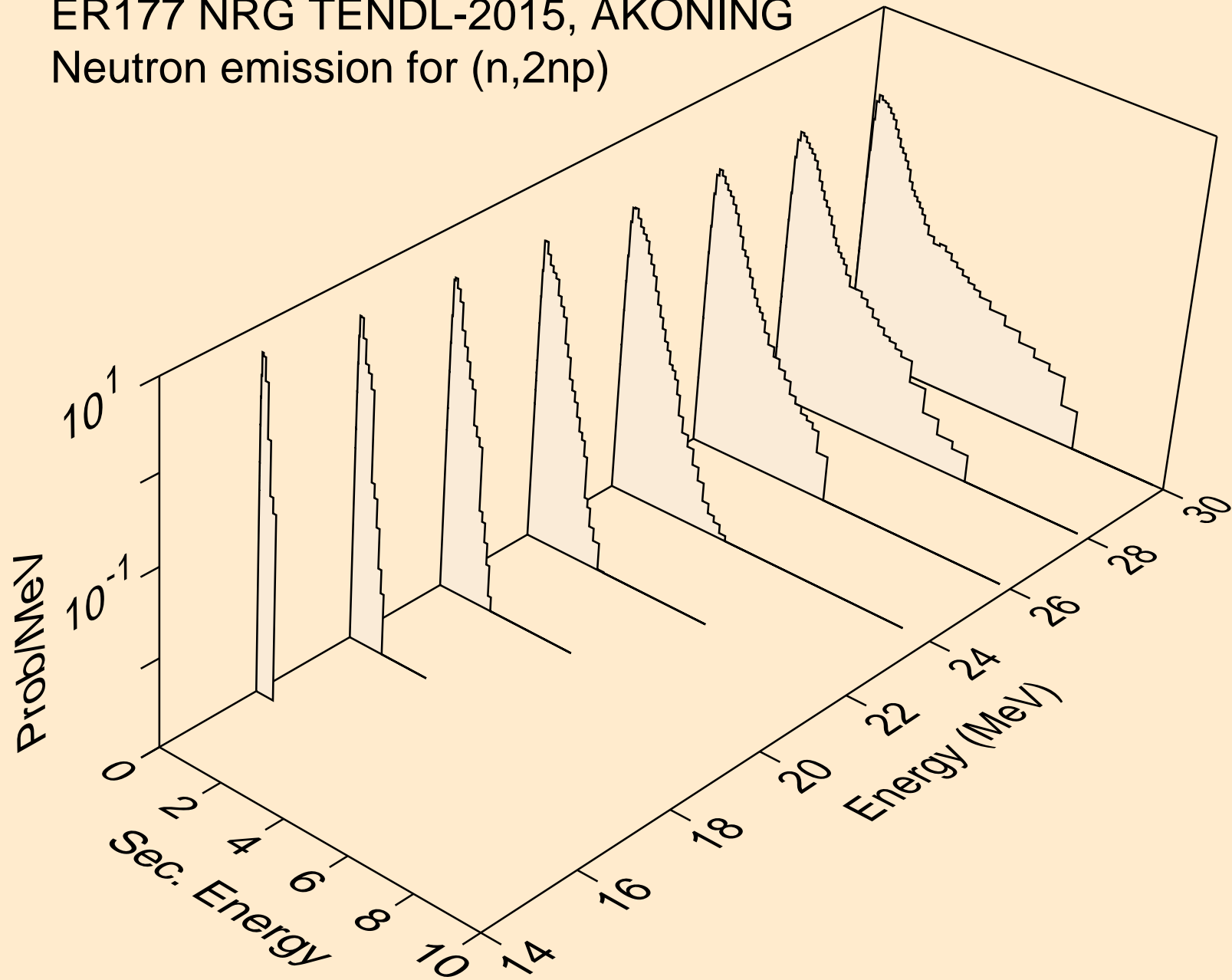




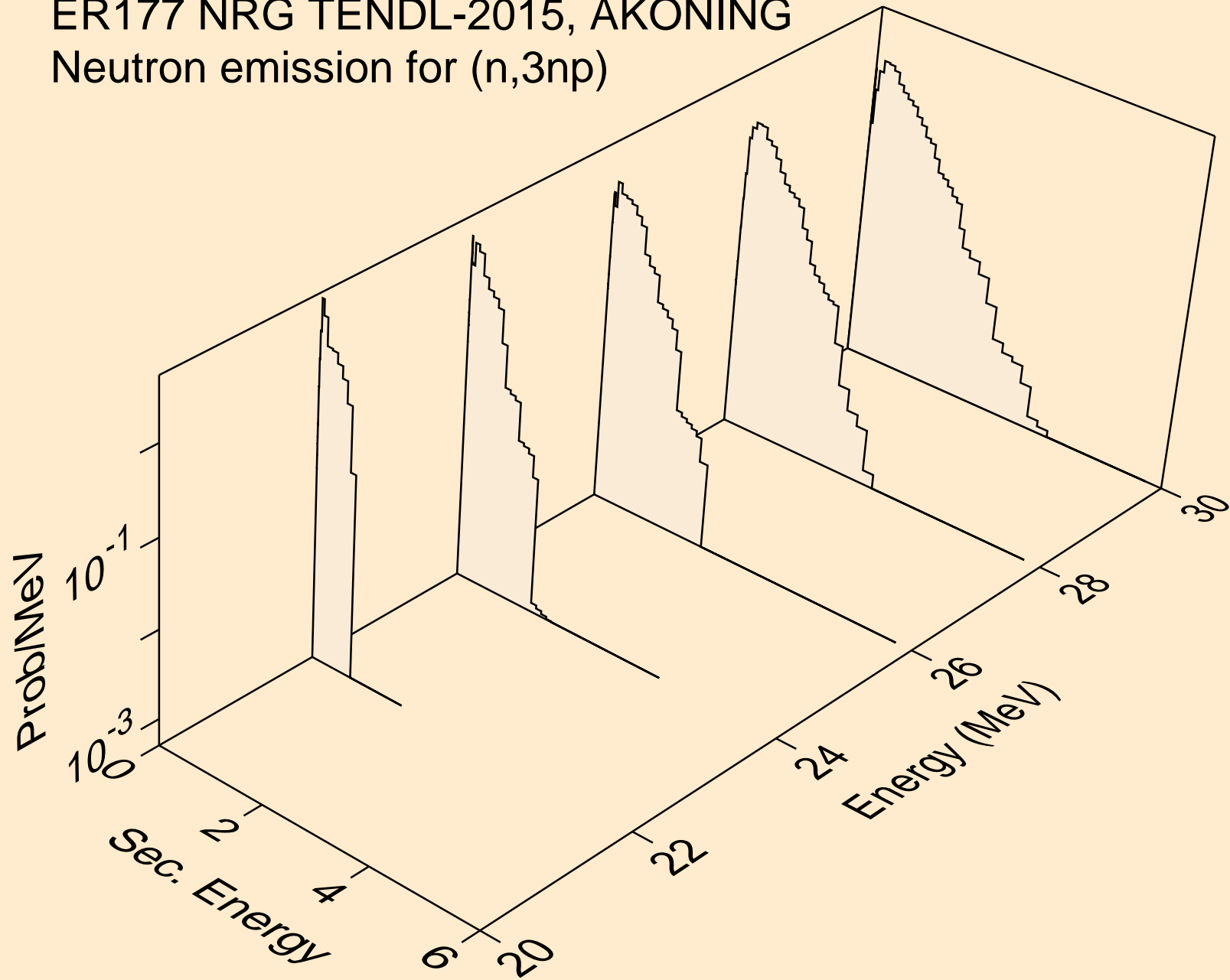
ER177 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



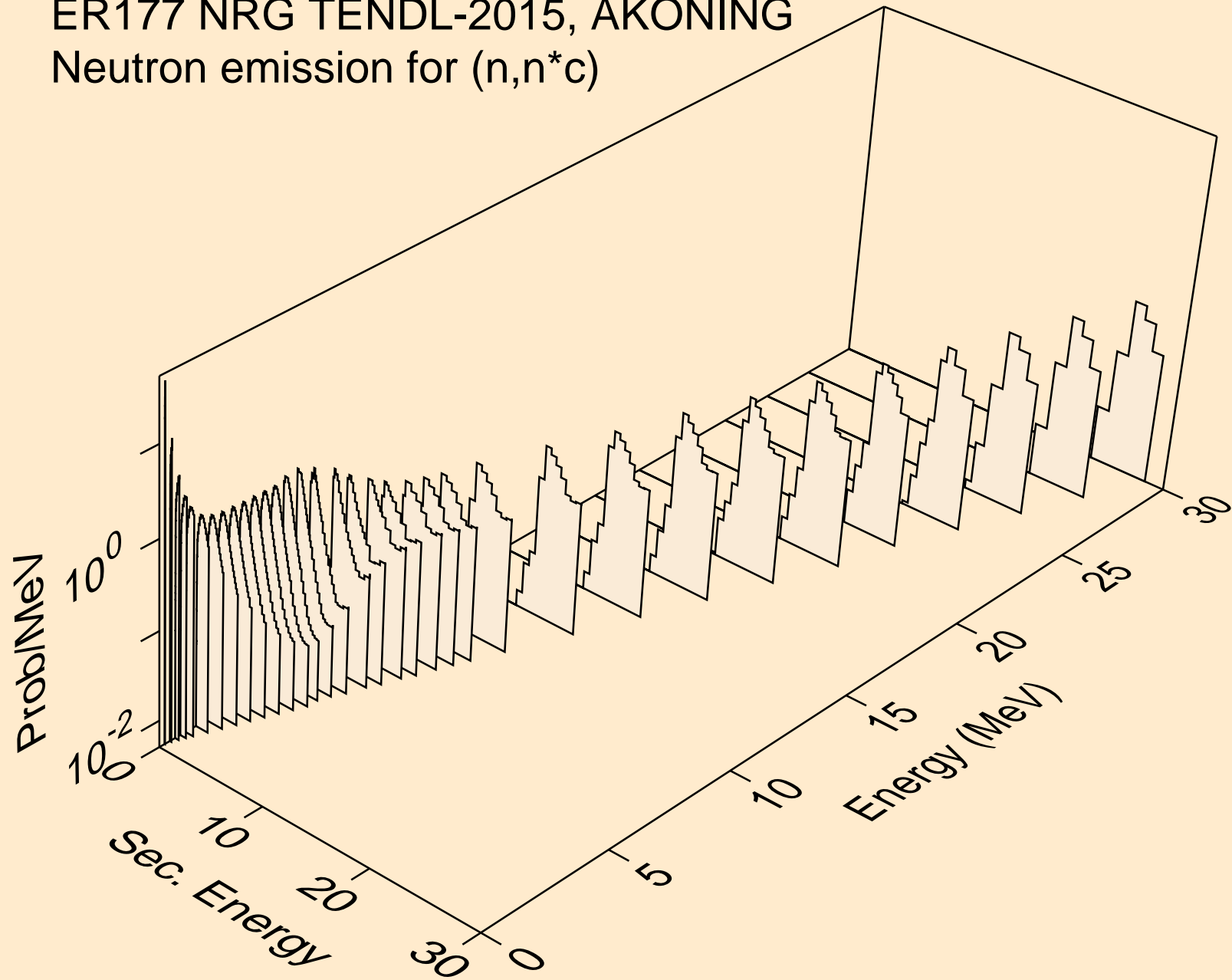
ER177 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



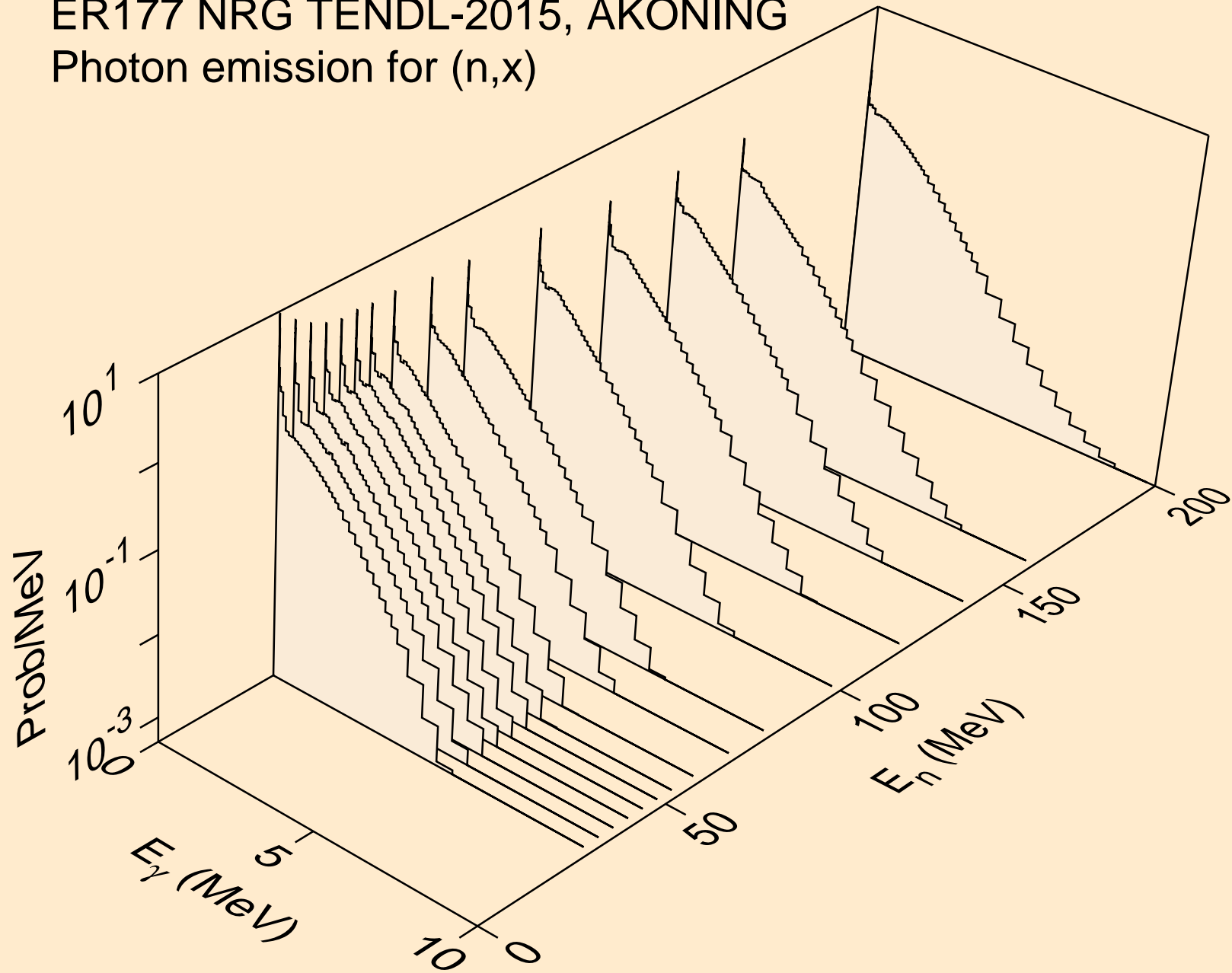
ER177 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



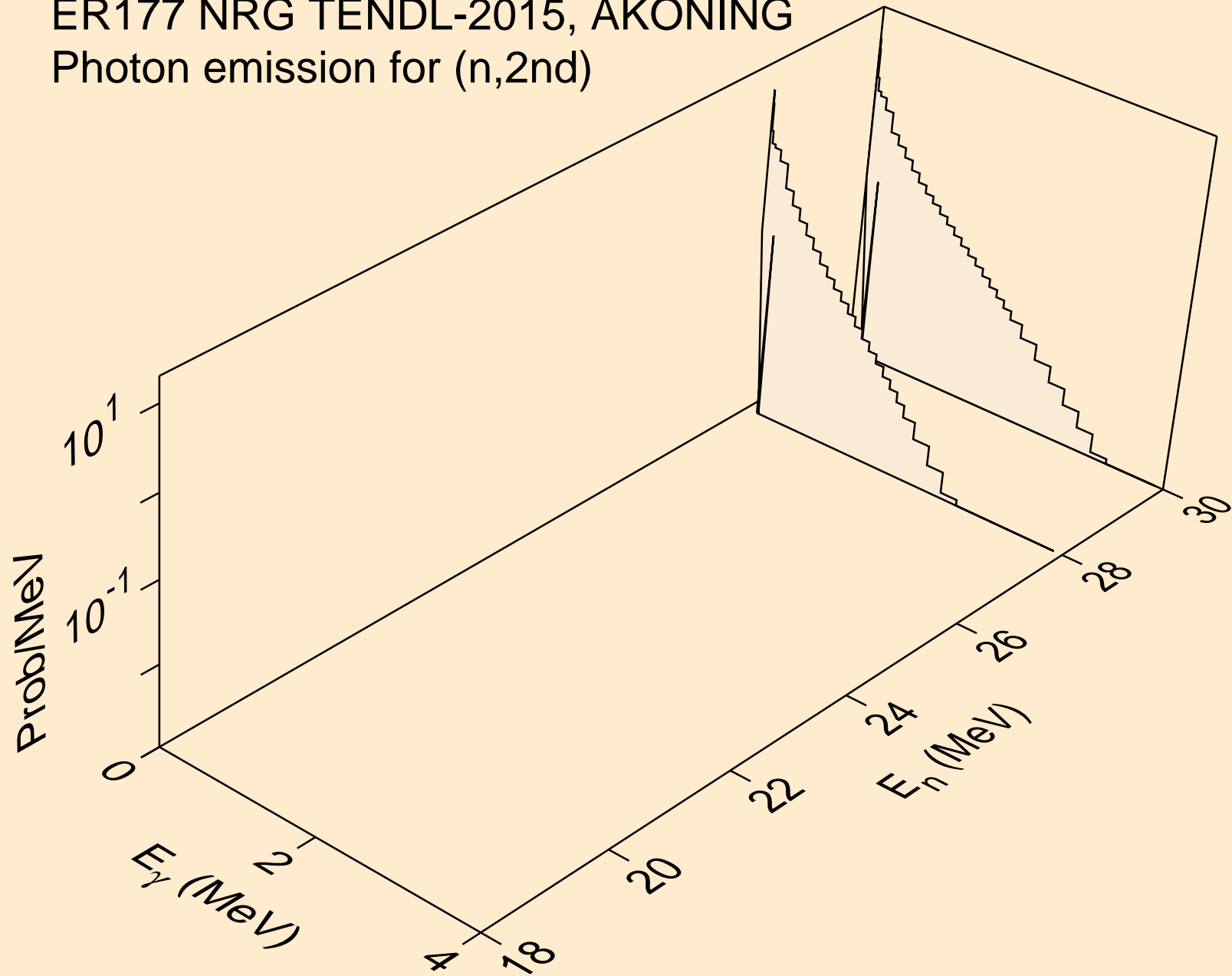
ER177 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



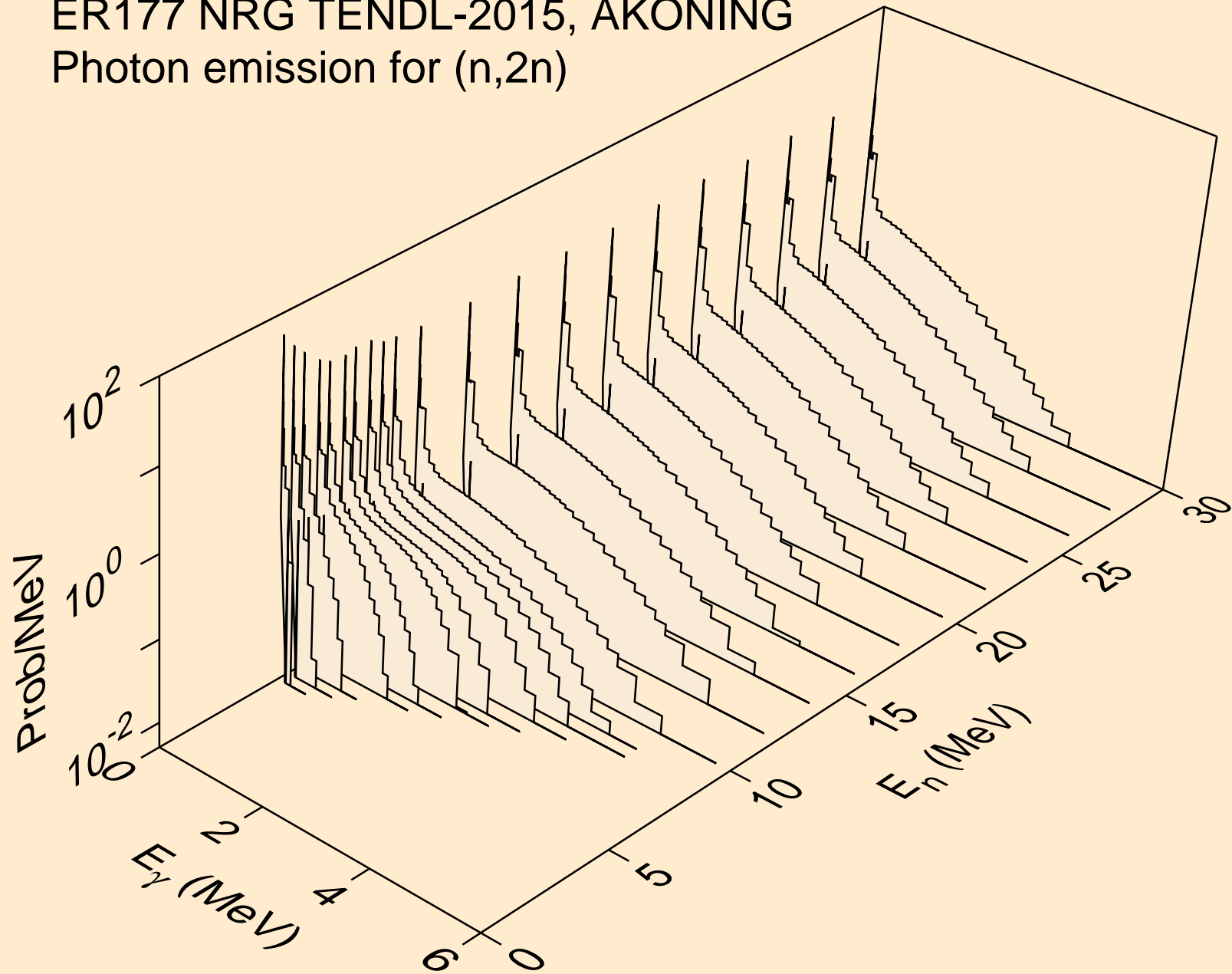
ER177 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



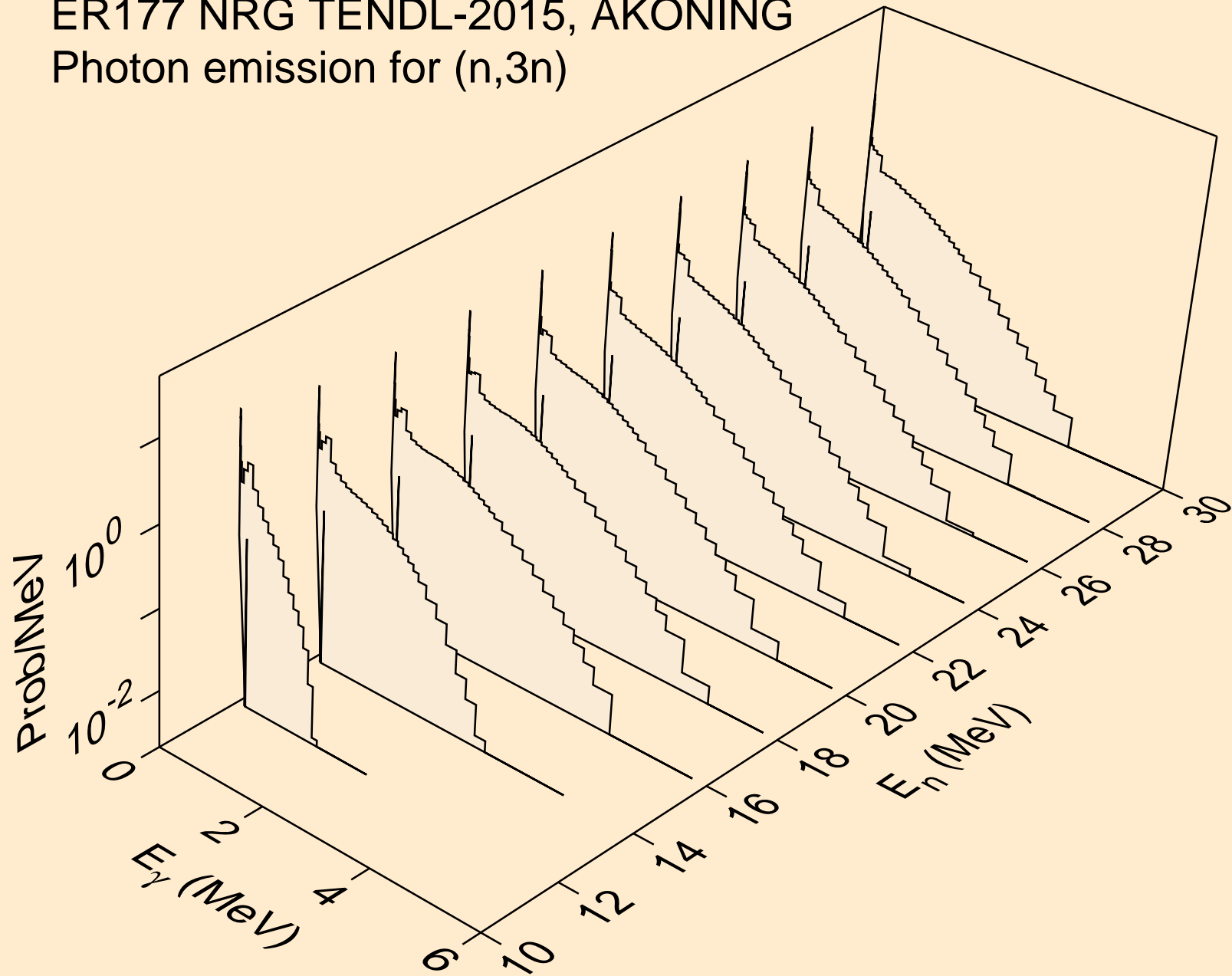
ER177 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



ER177 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

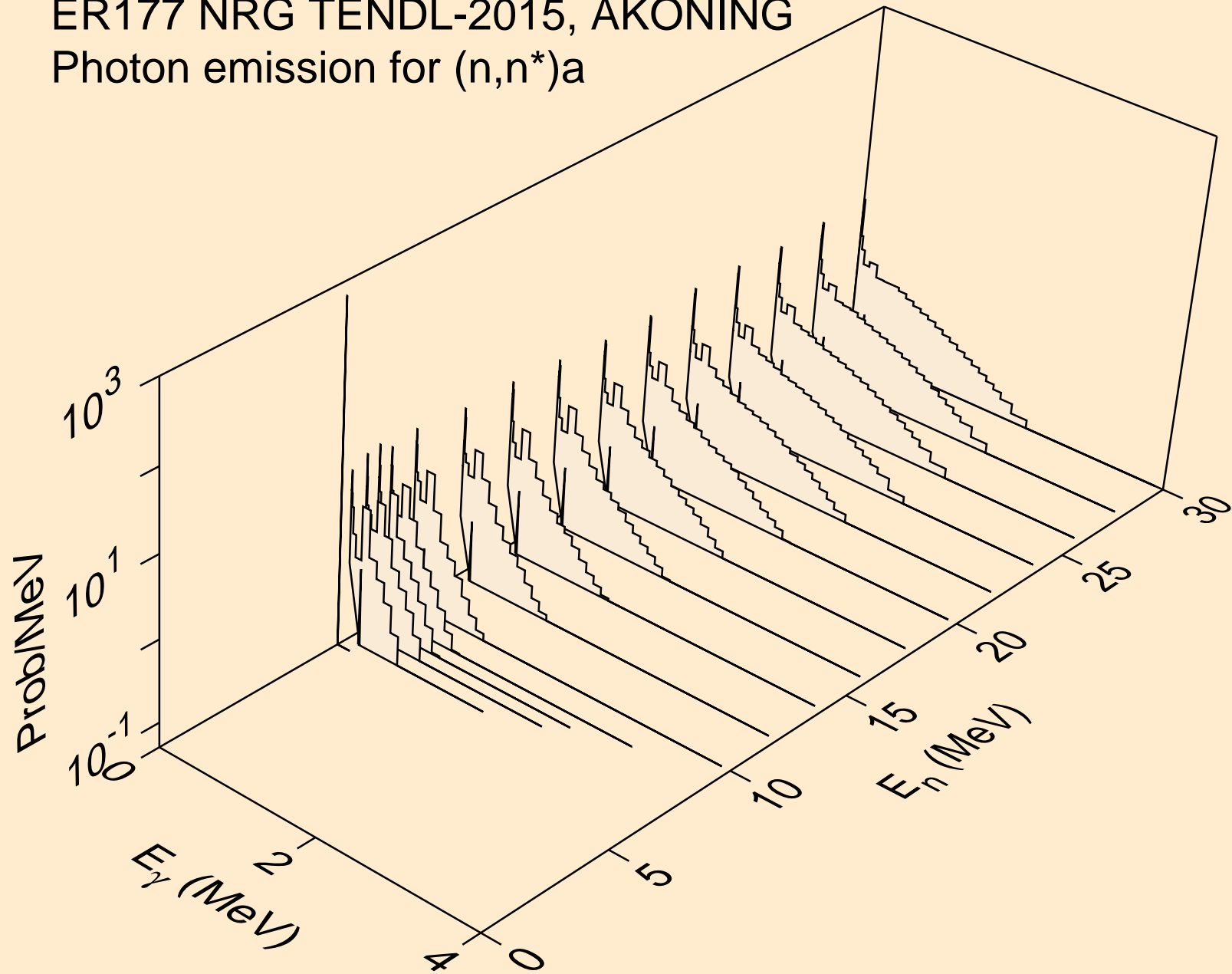


ER177 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

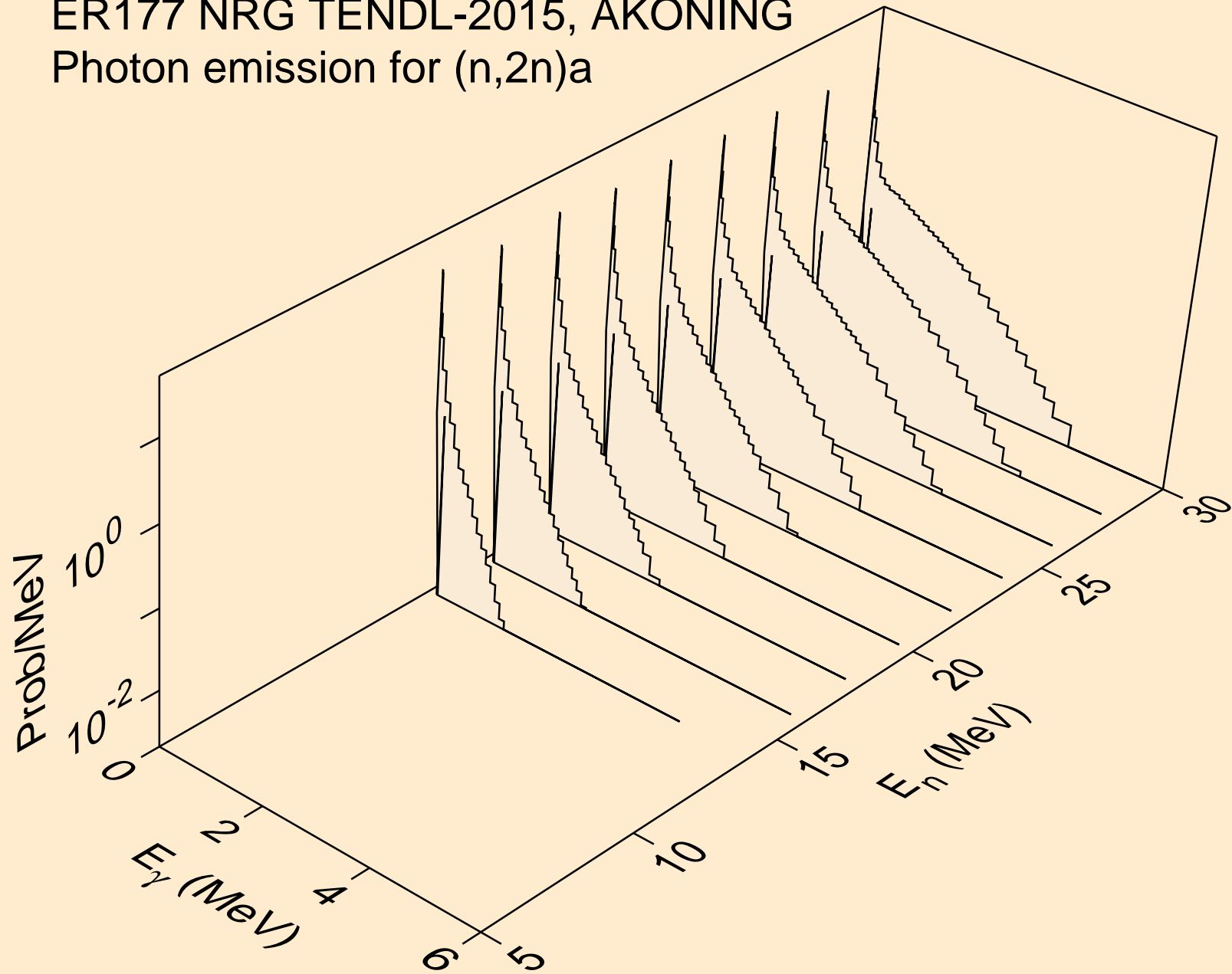




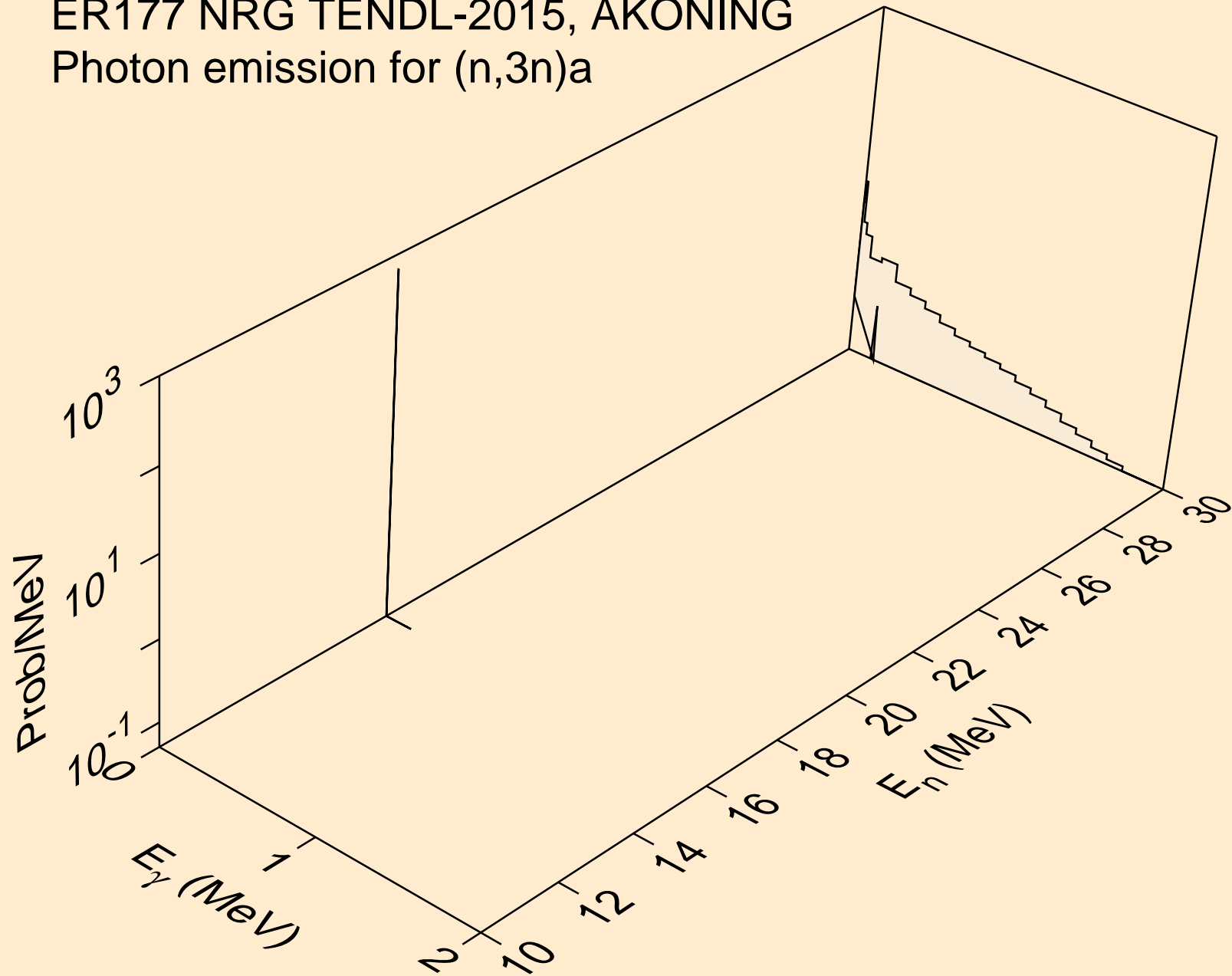
ER177 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



ER177 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

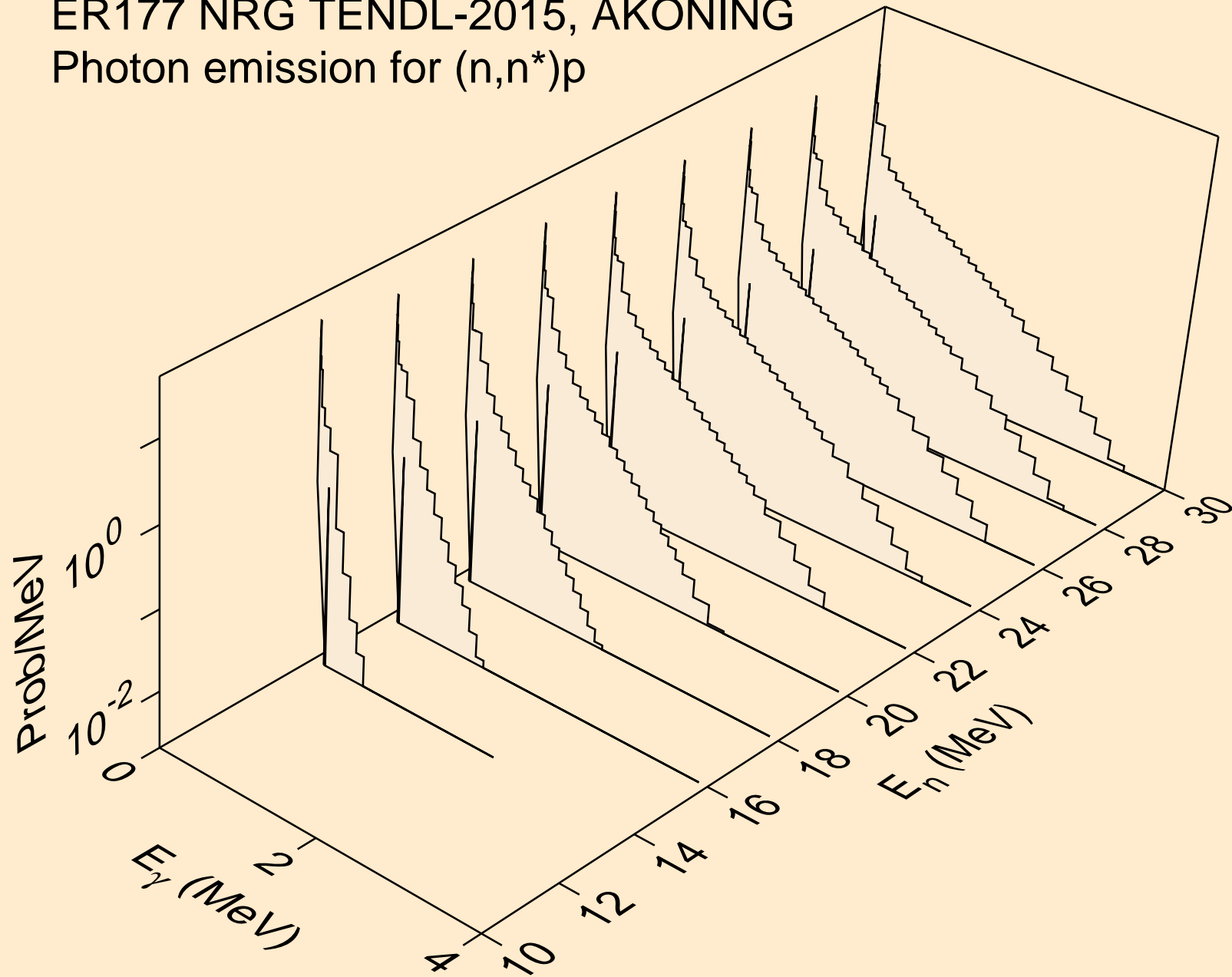


ER177 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



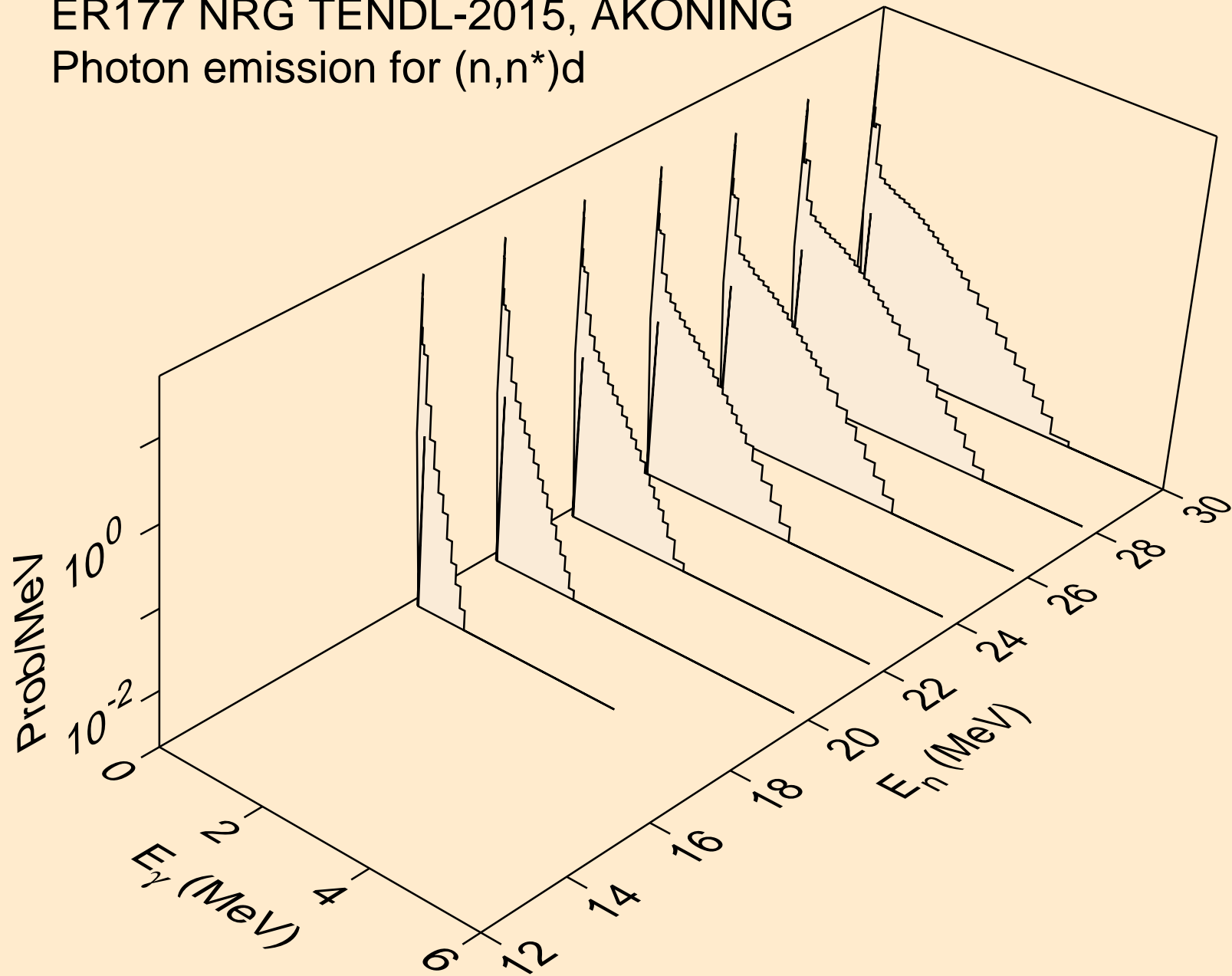
ER177 NRG TENDL-2015, AKONING

Photon emission for (n,n\*)p

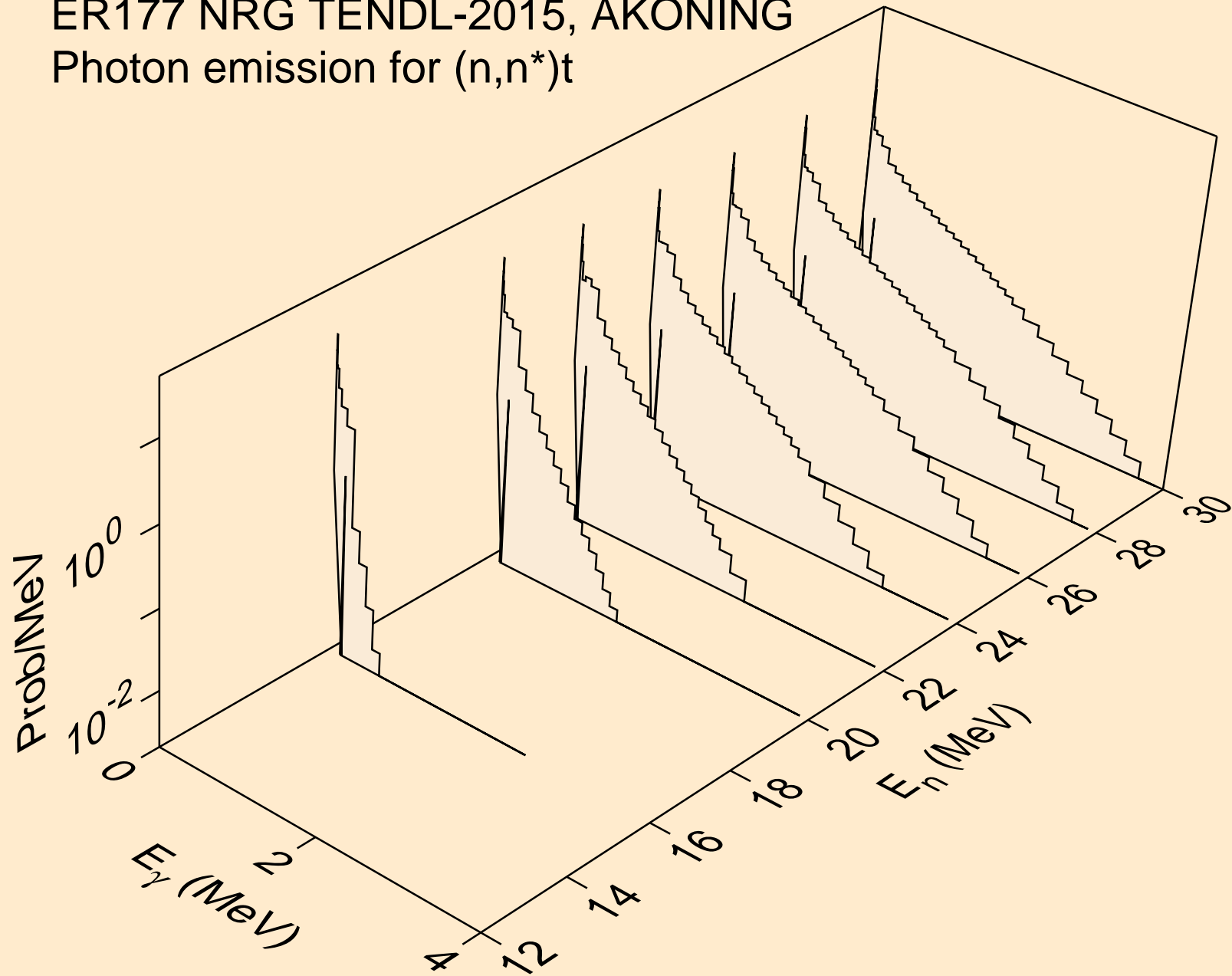


ER177 NRG TENDL-2015, AKONING

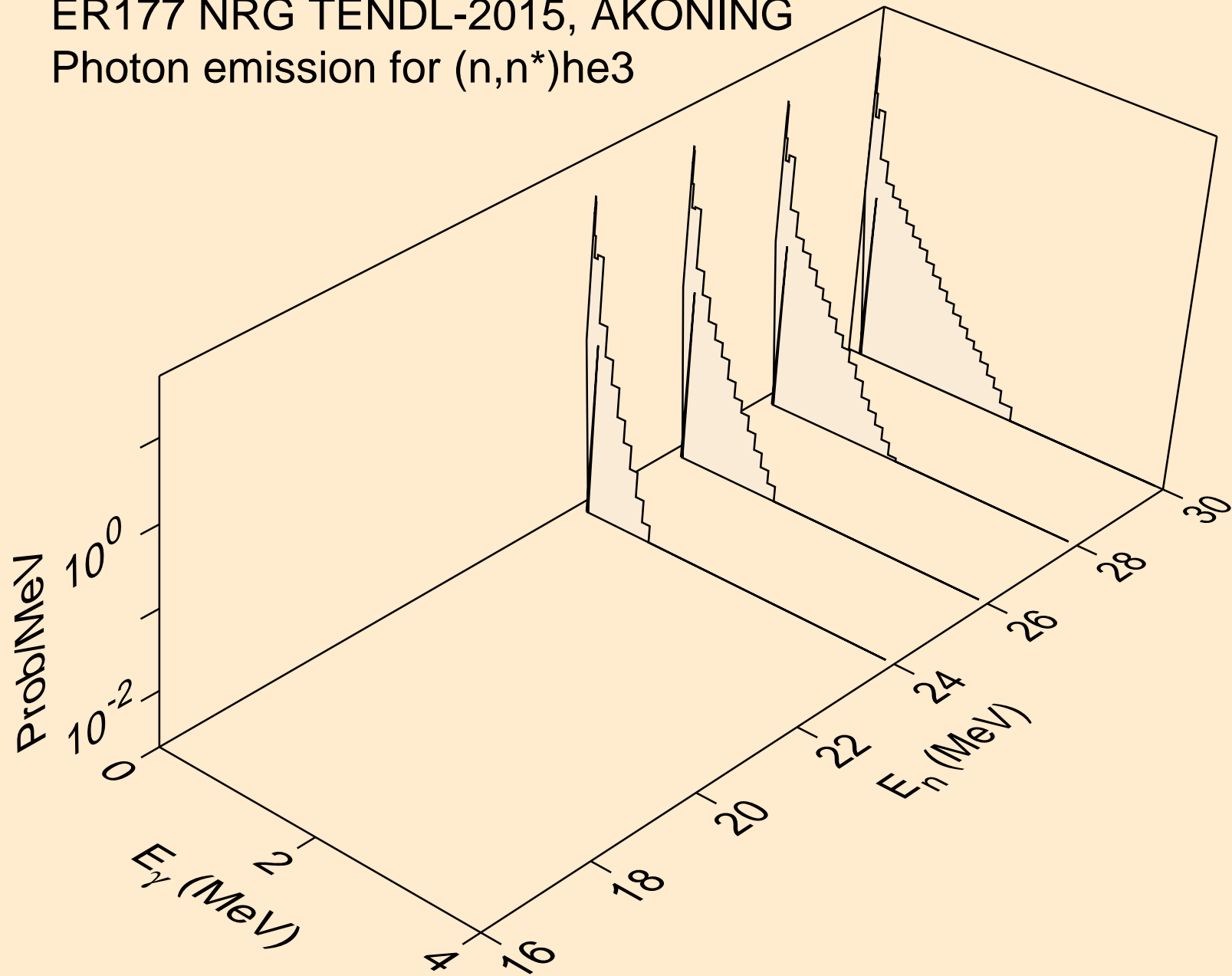
Photon emission for (n,n\*)d



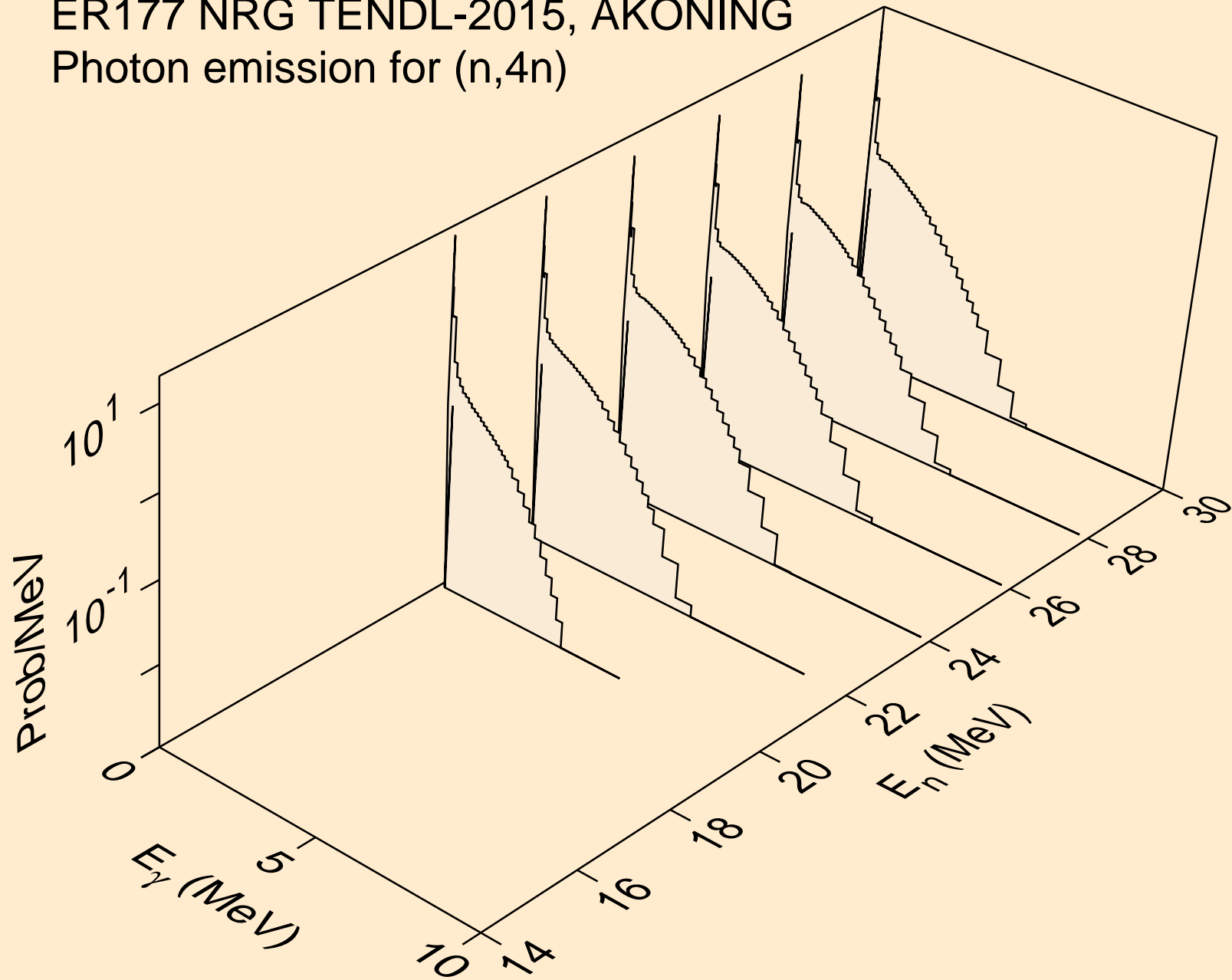
ER177 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



ER177 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

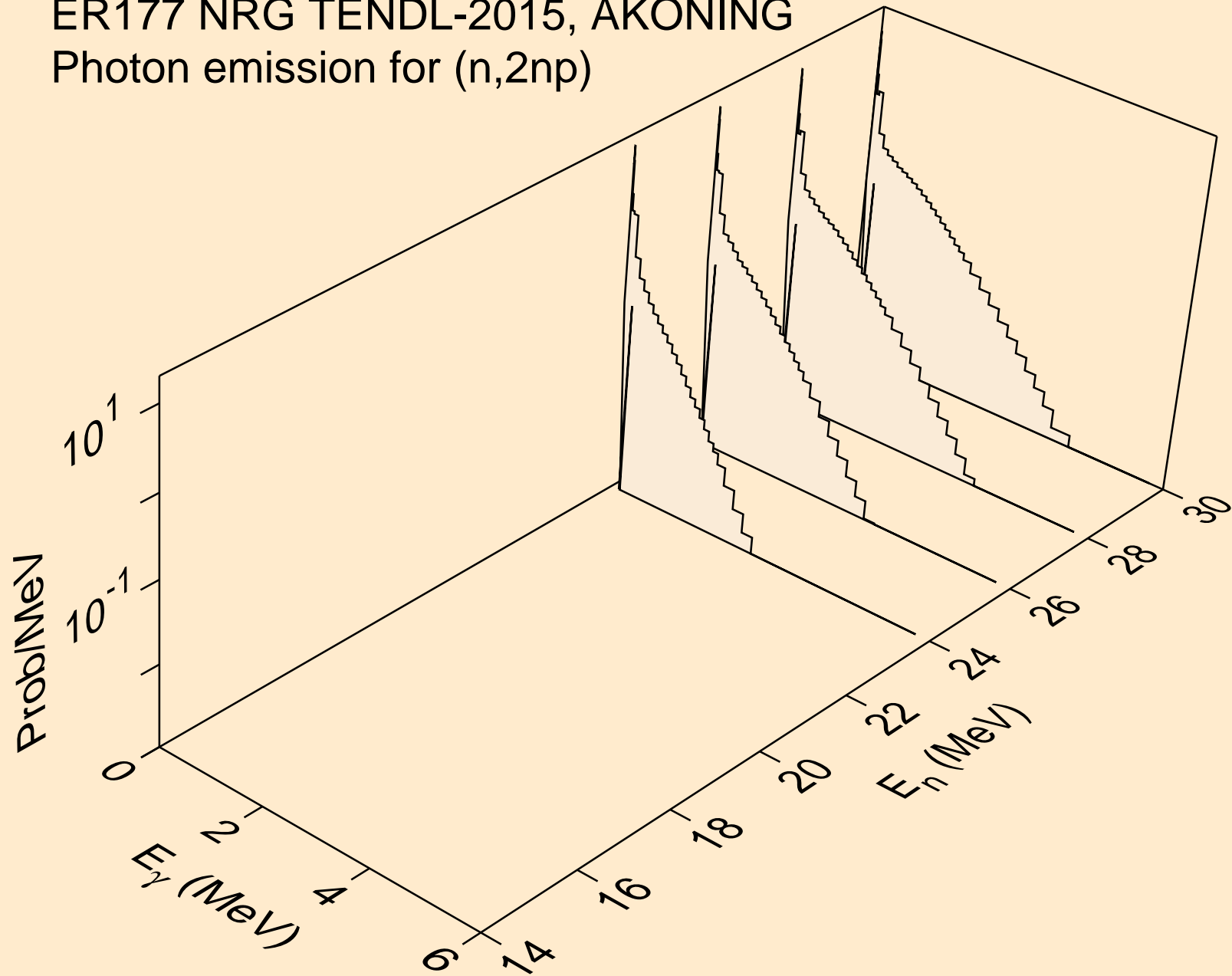


ER177 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)

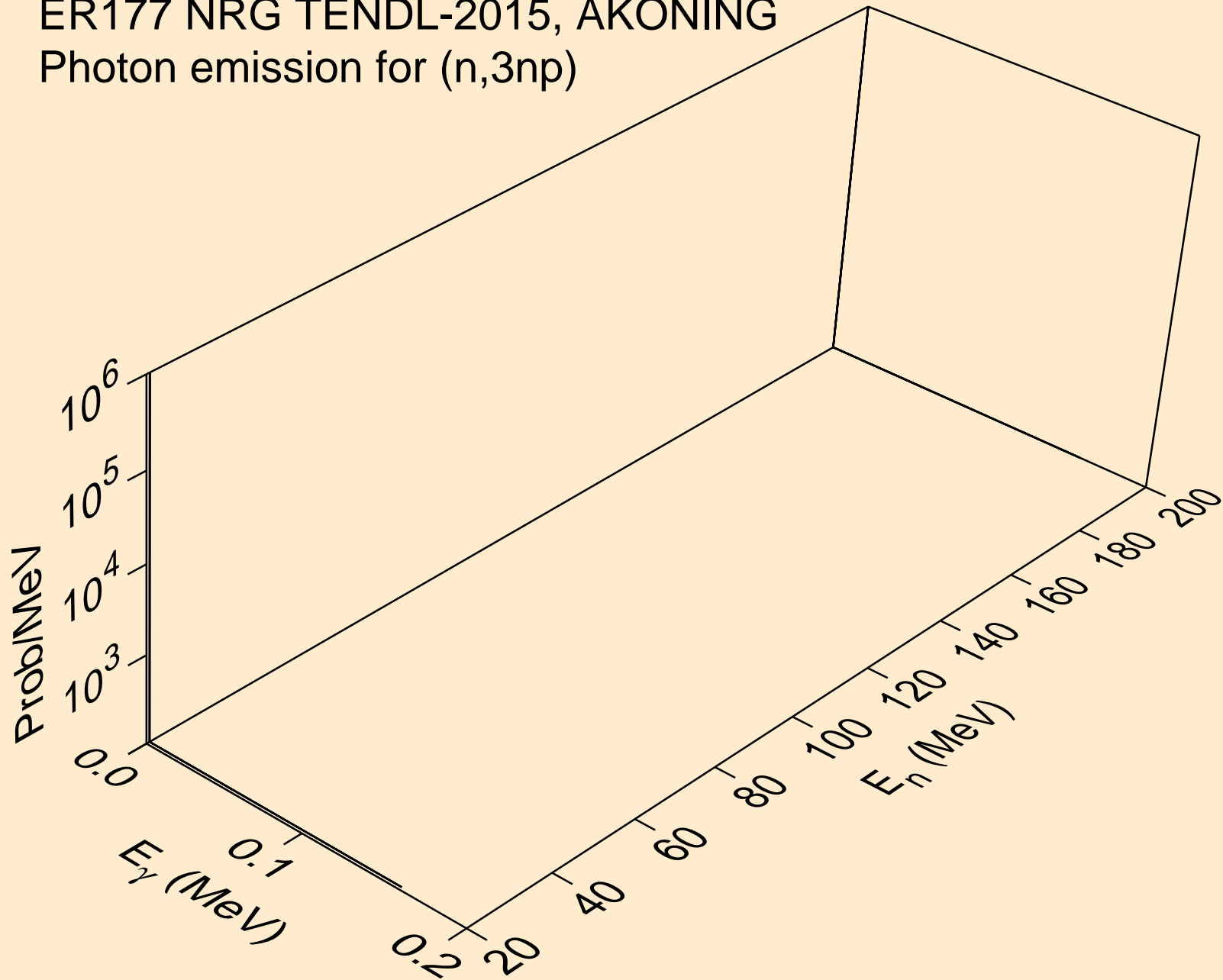




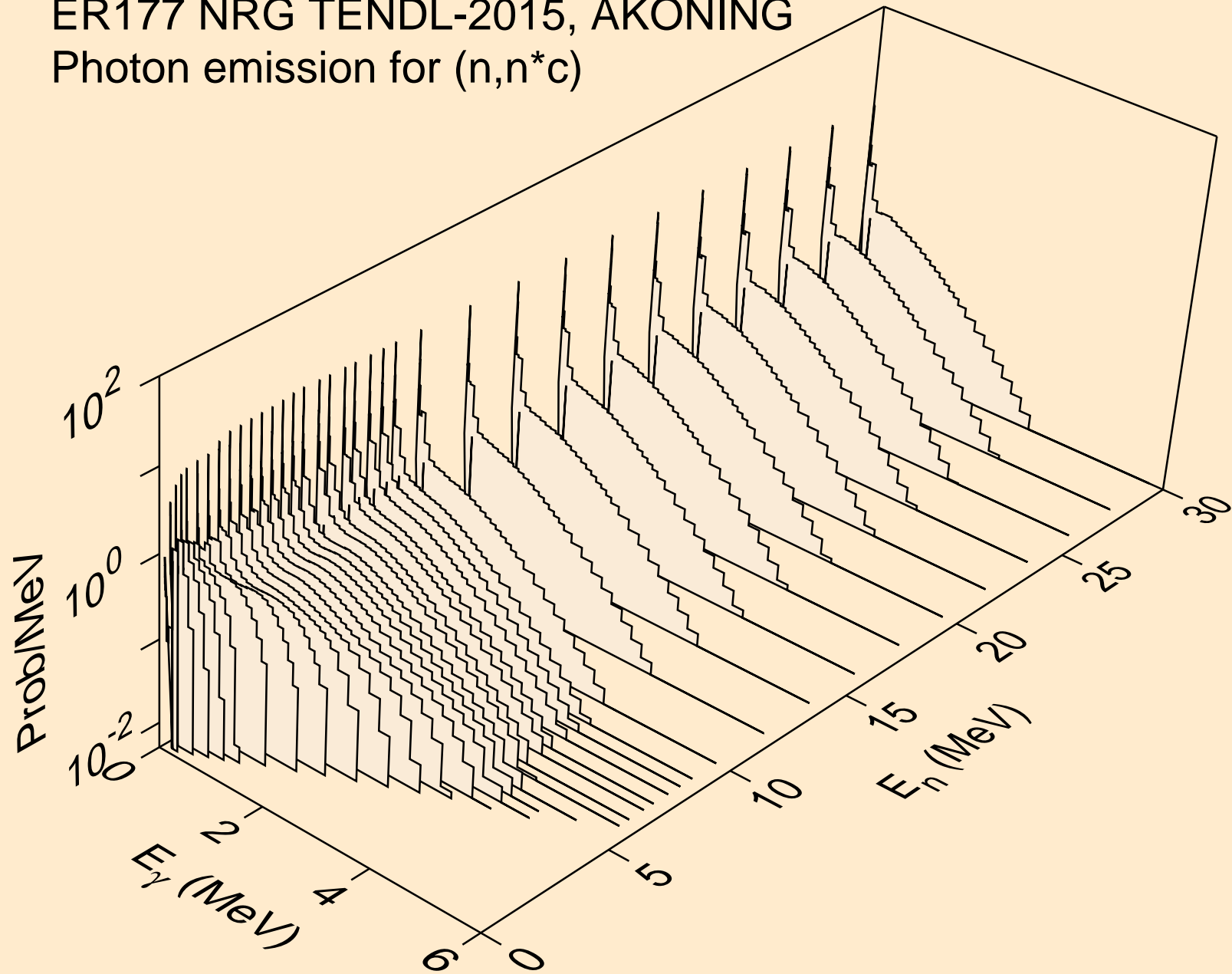
ER177 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



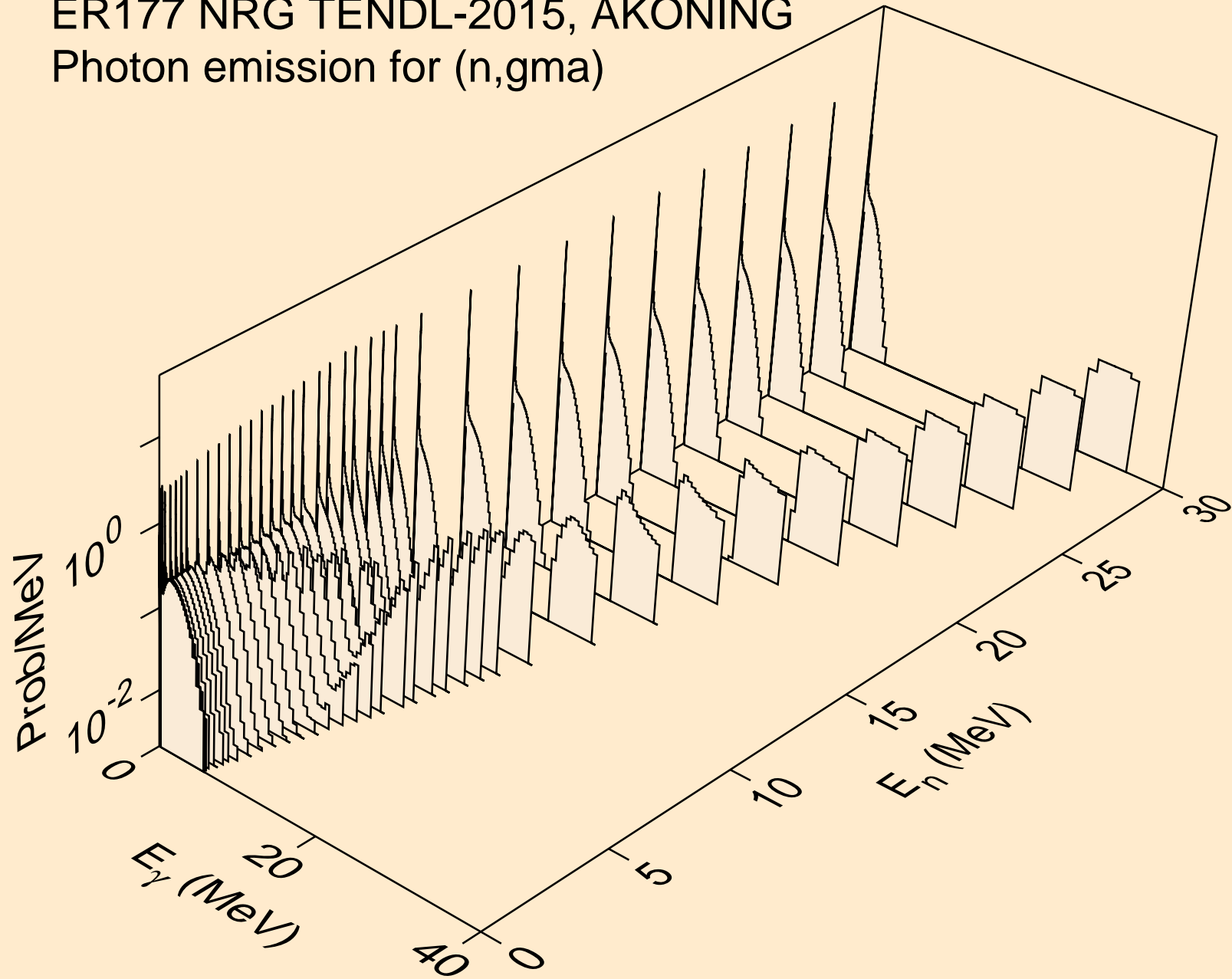
ER177 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



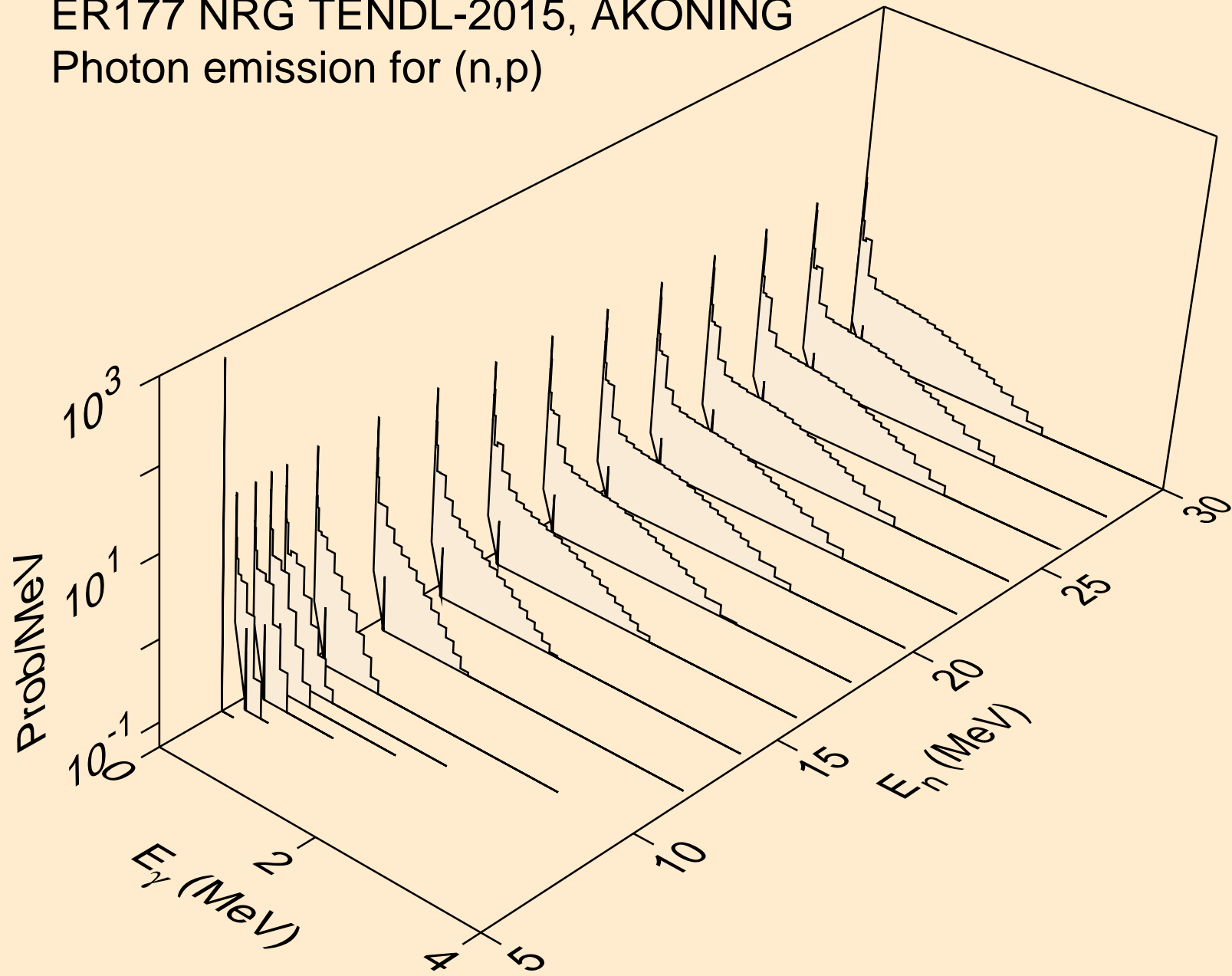
ER177 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



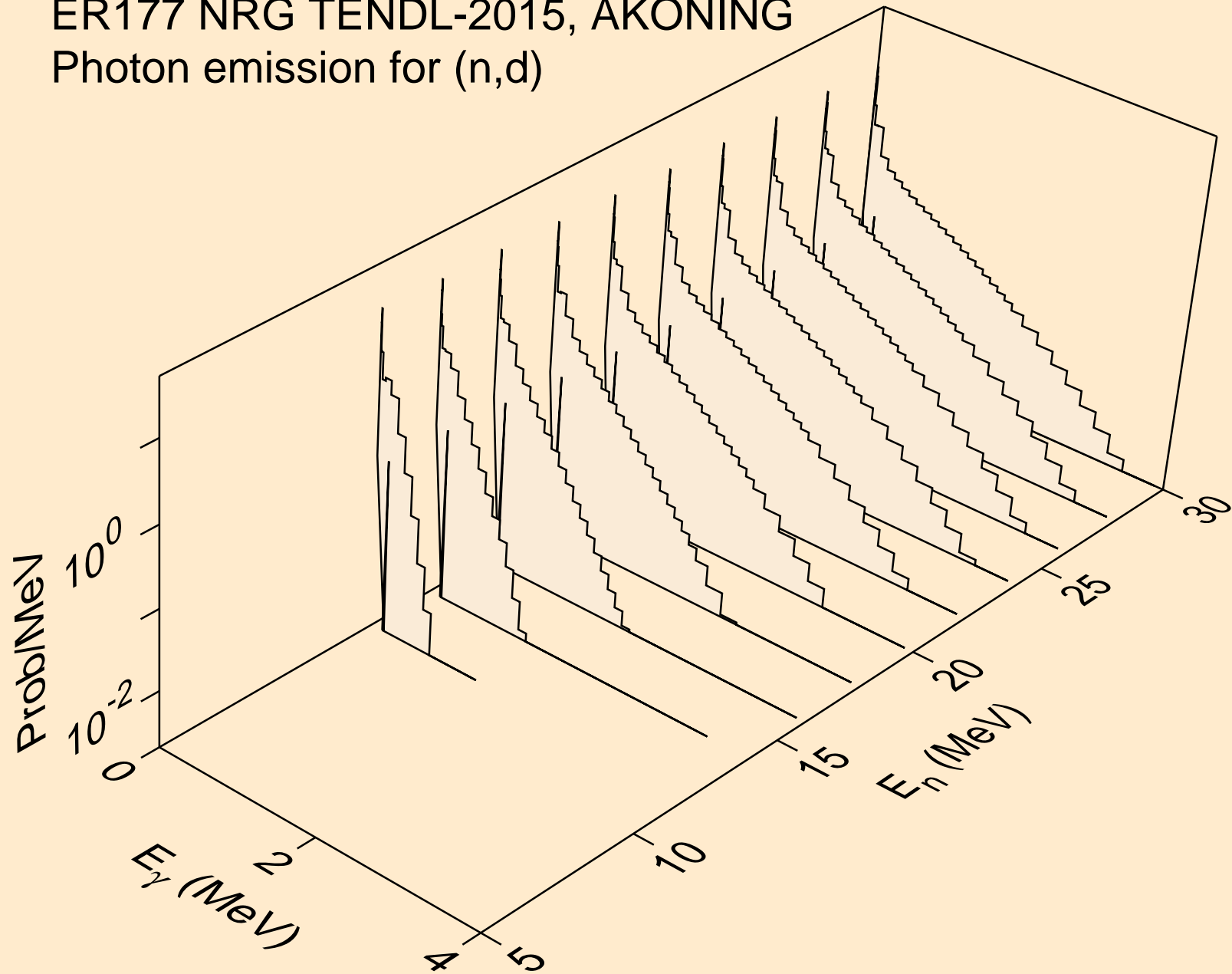
ER177 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



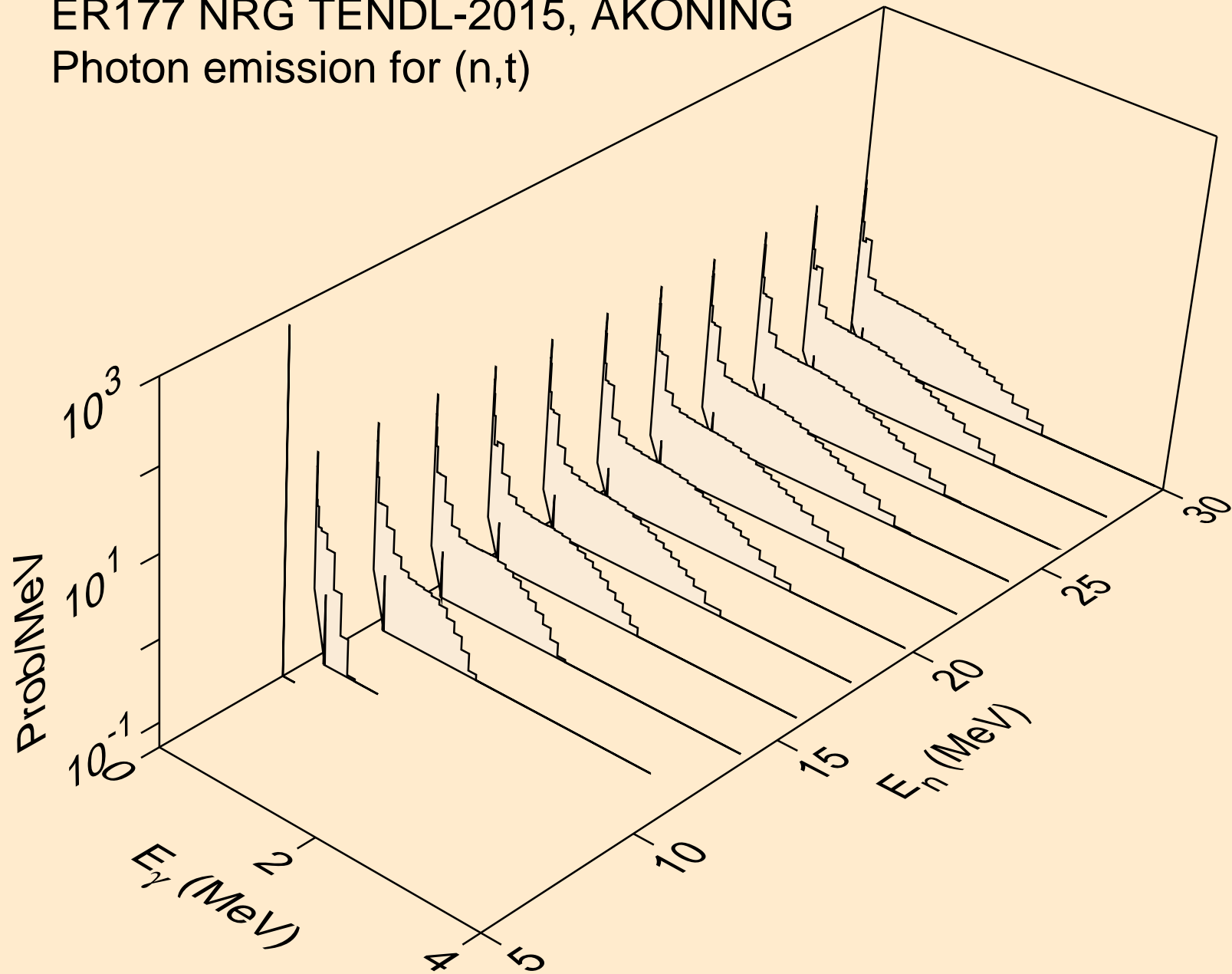
ER177 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



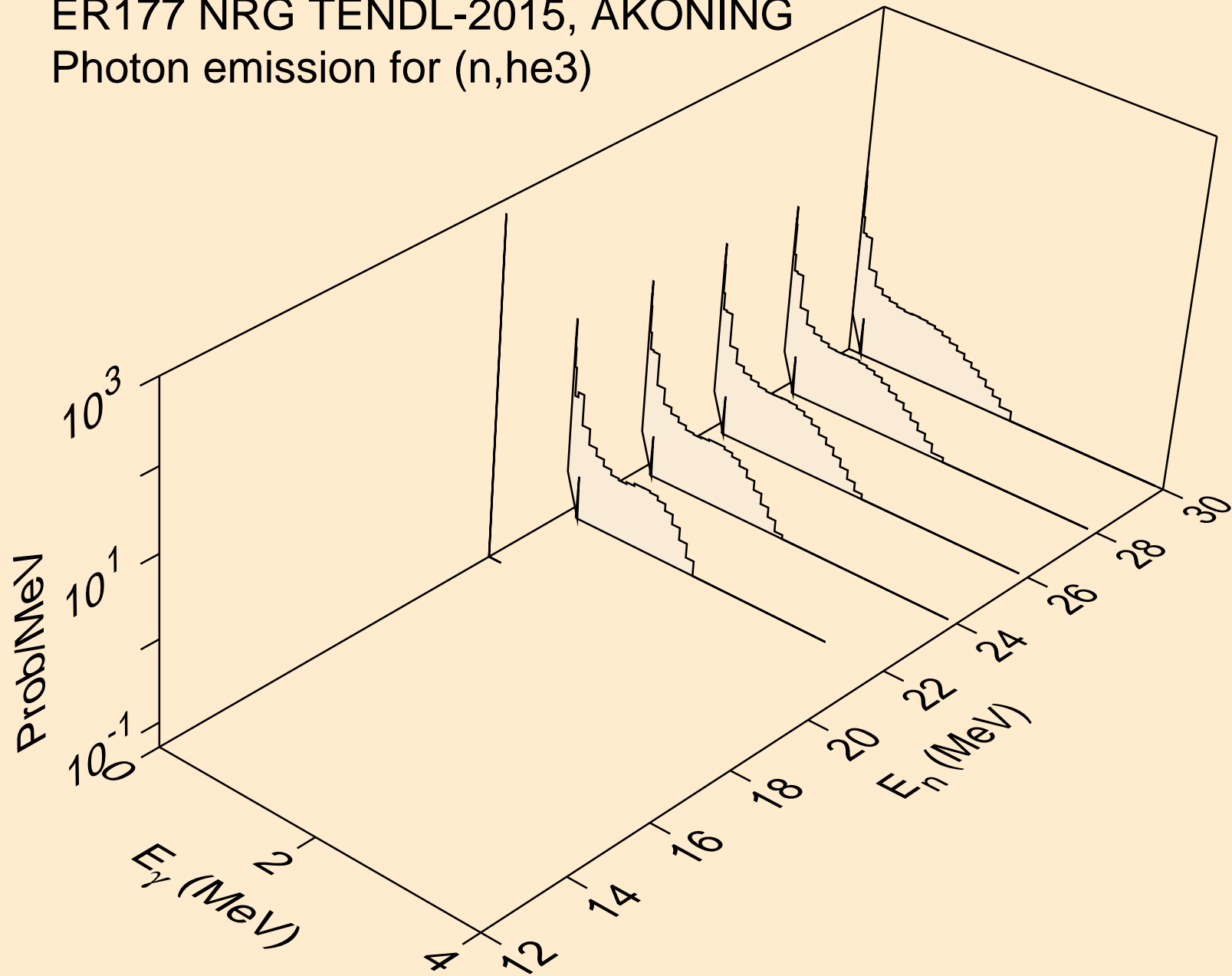
ER177 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



ER177 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

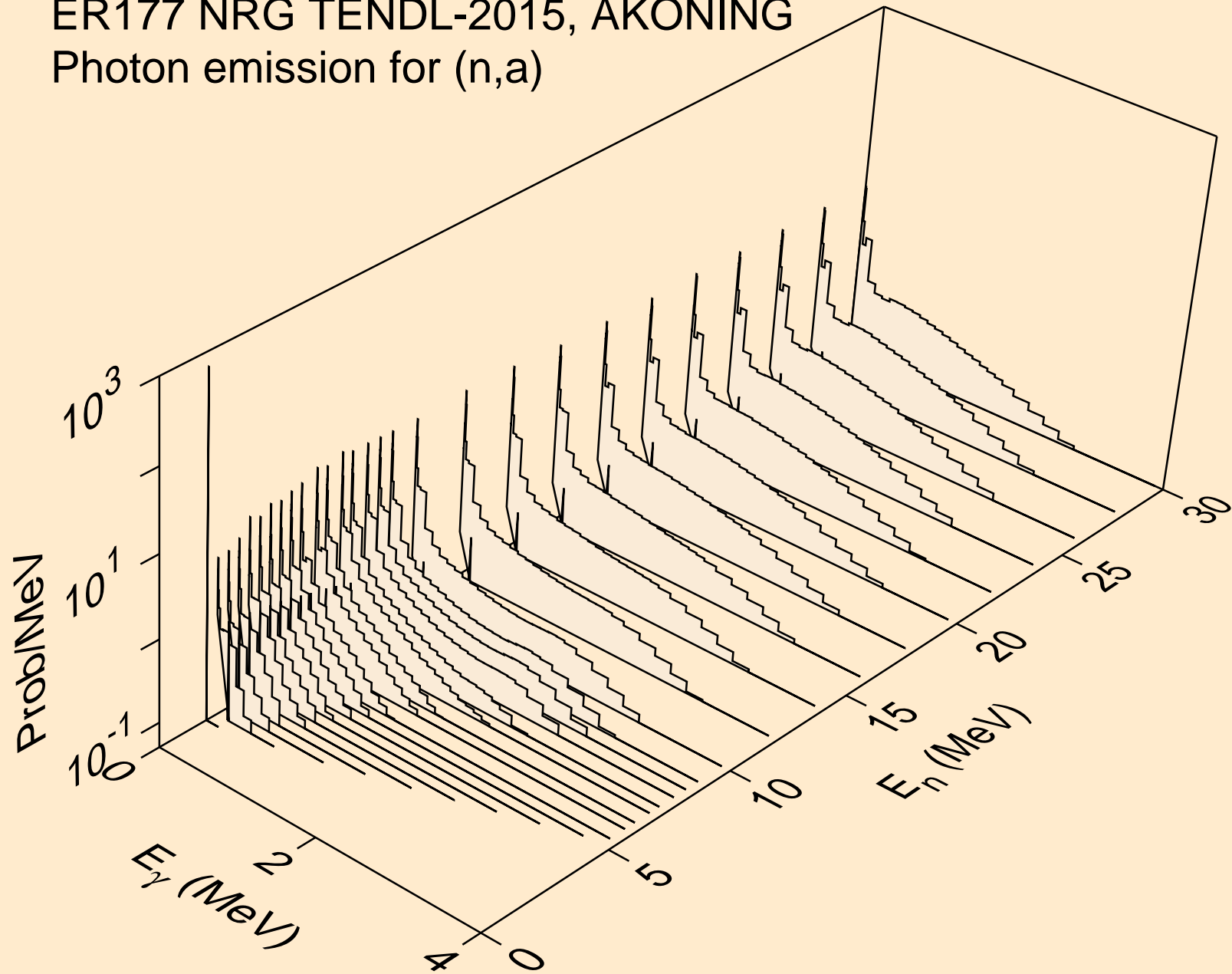


ER177 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

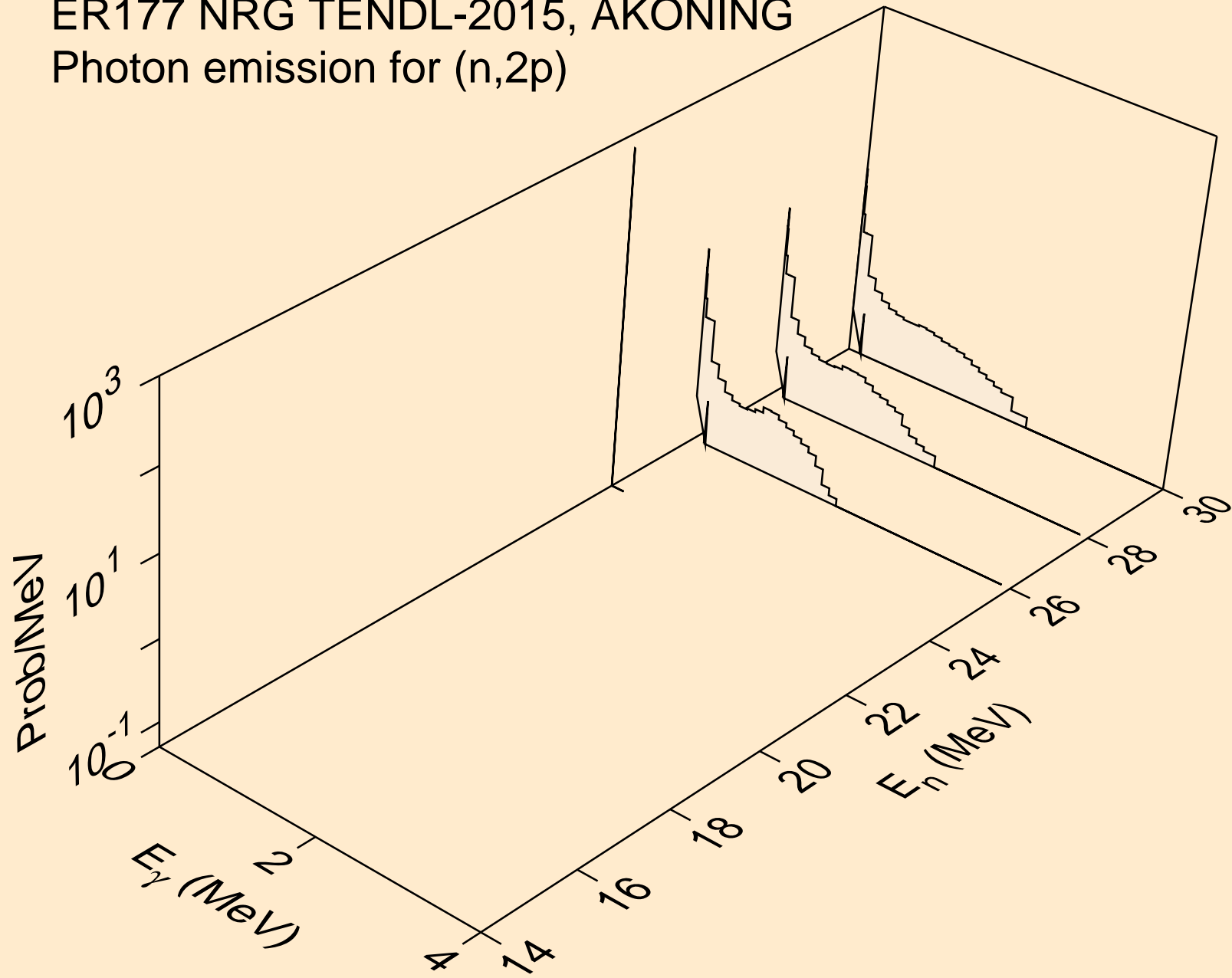




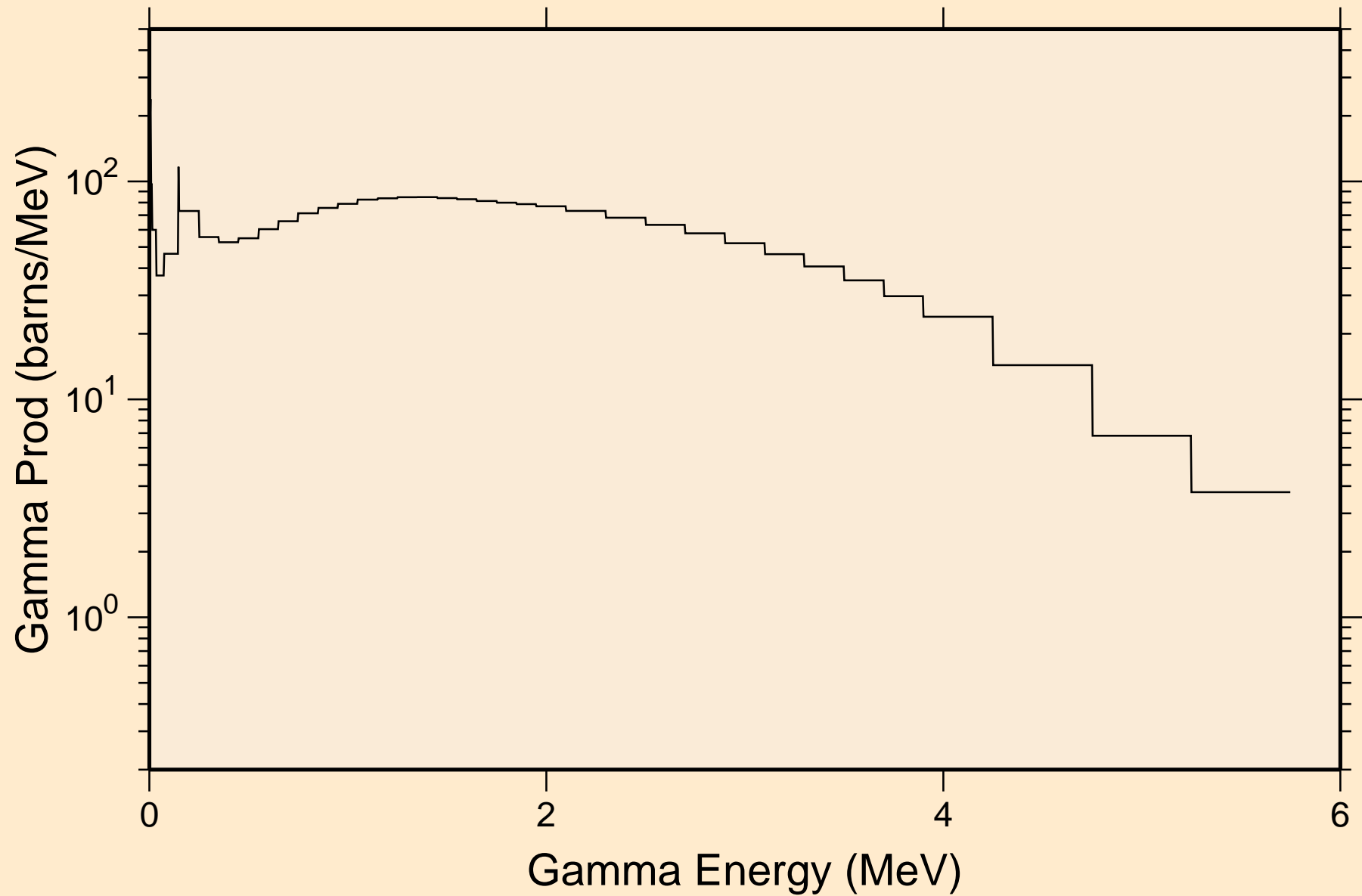
ER177 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



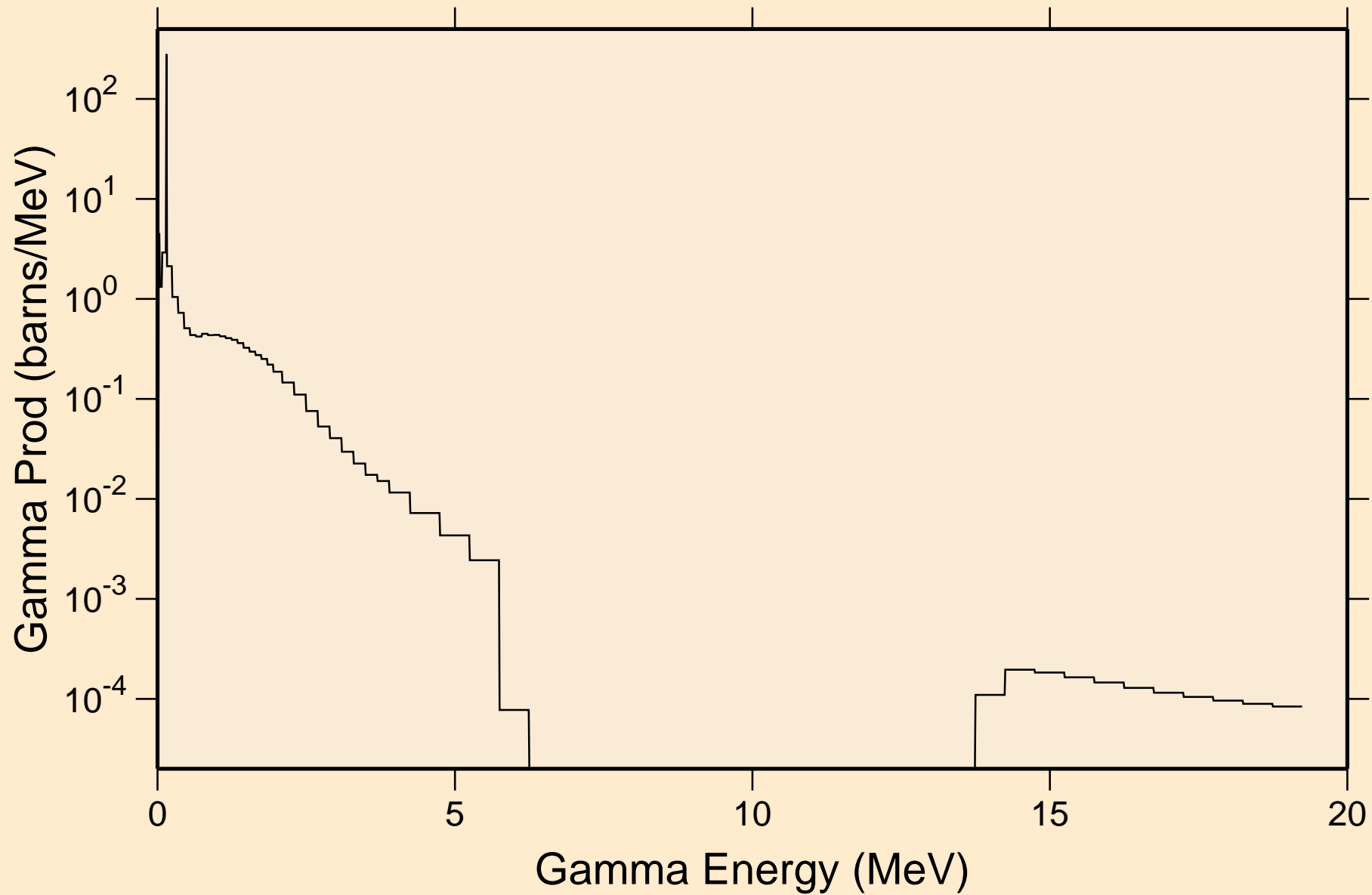
ER177 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



ER177 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

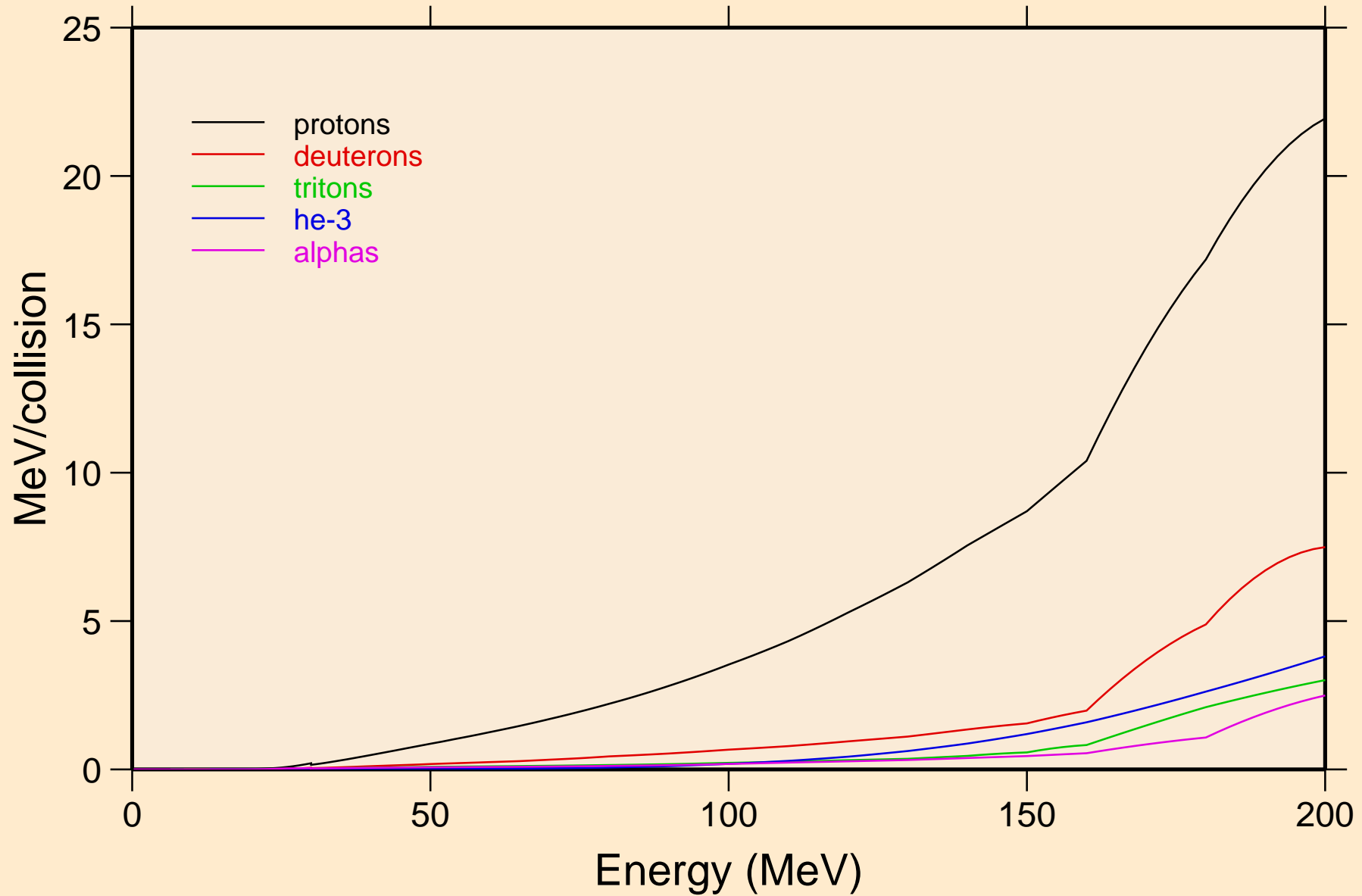


ER177 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



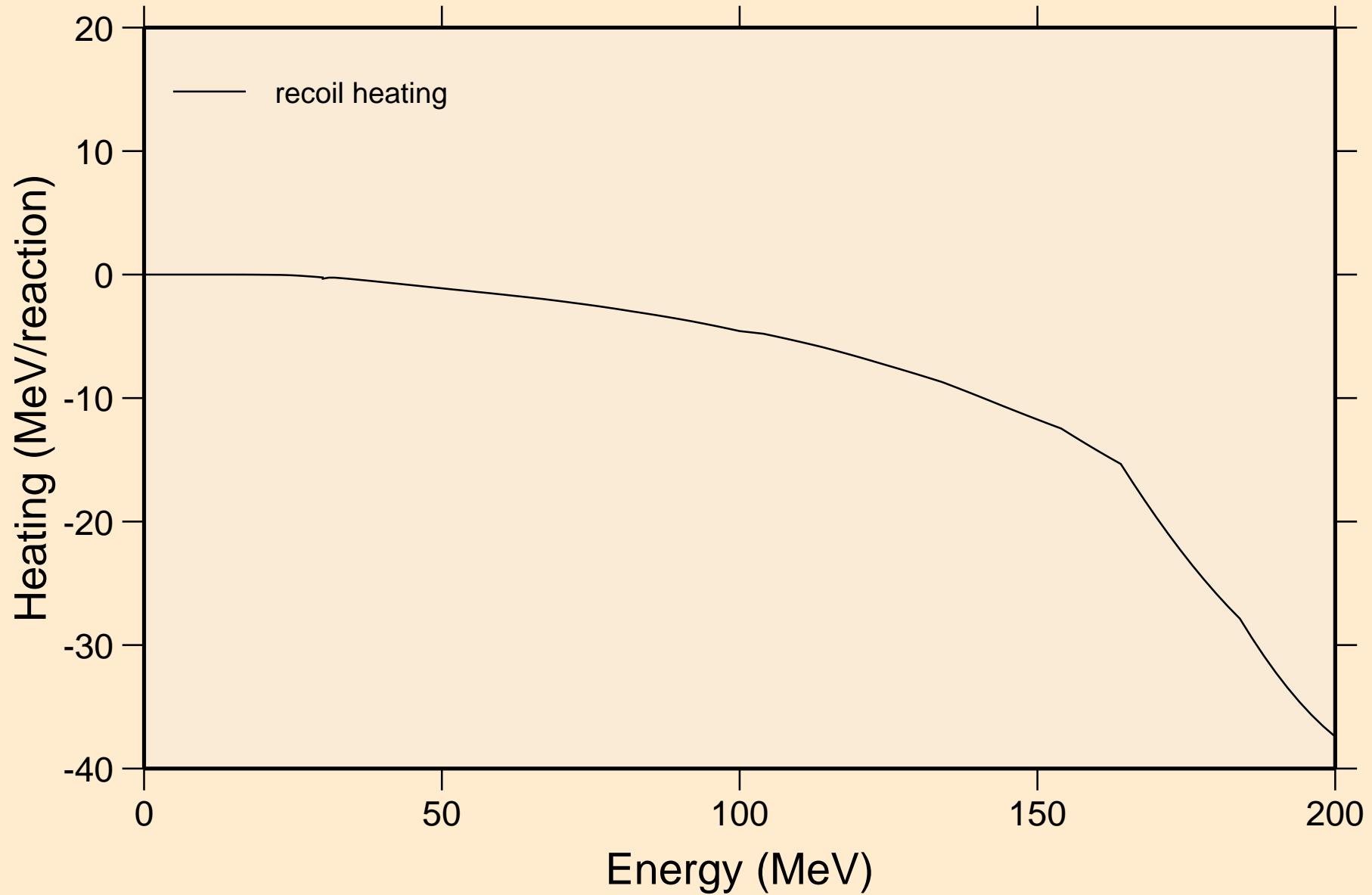
# ER177 NRG TENDL-2015, AKONING

## Particle heating contributions



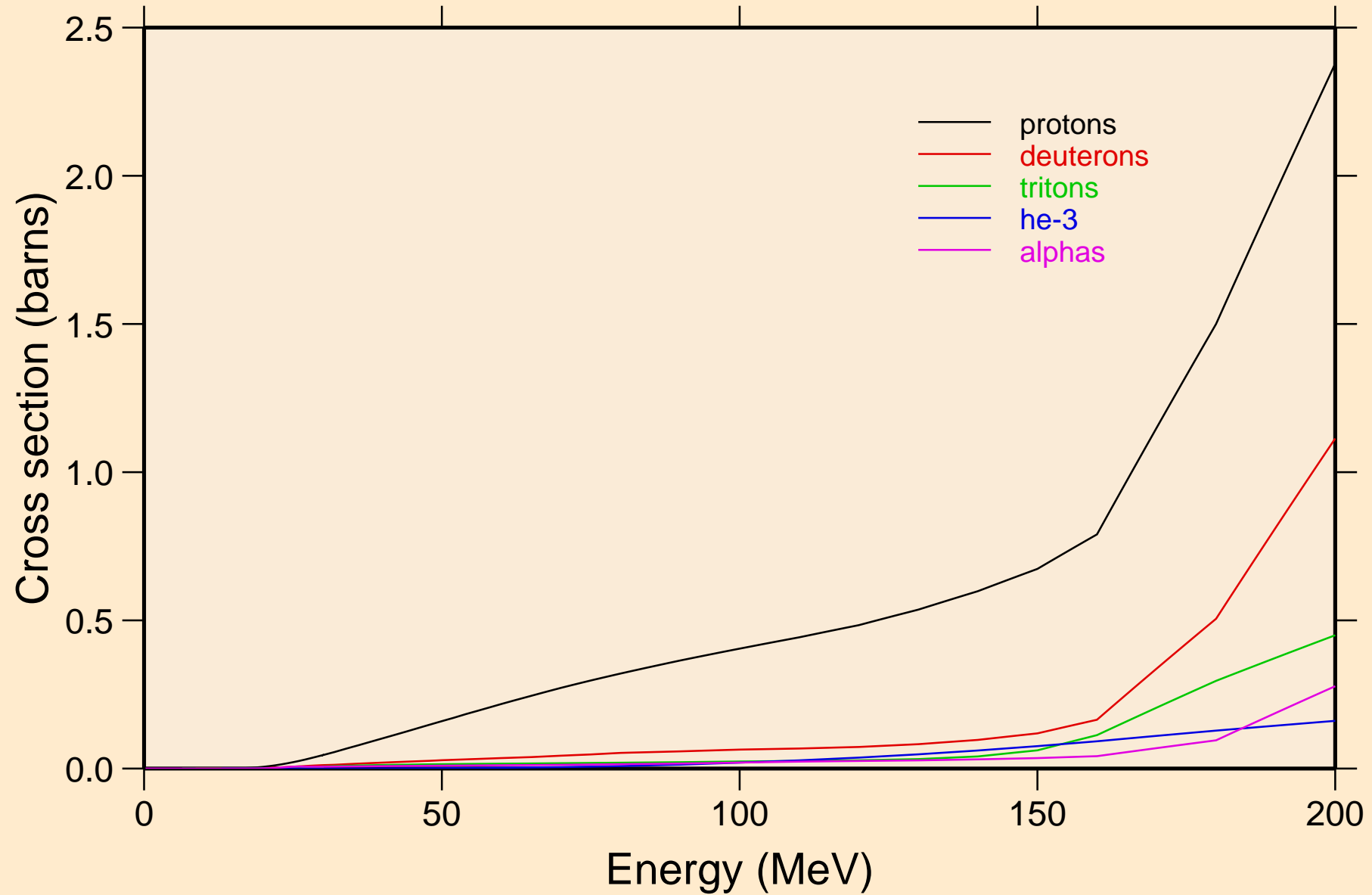
# ER177 NRG TENDL-2015, AKONING

## Recoil Heating

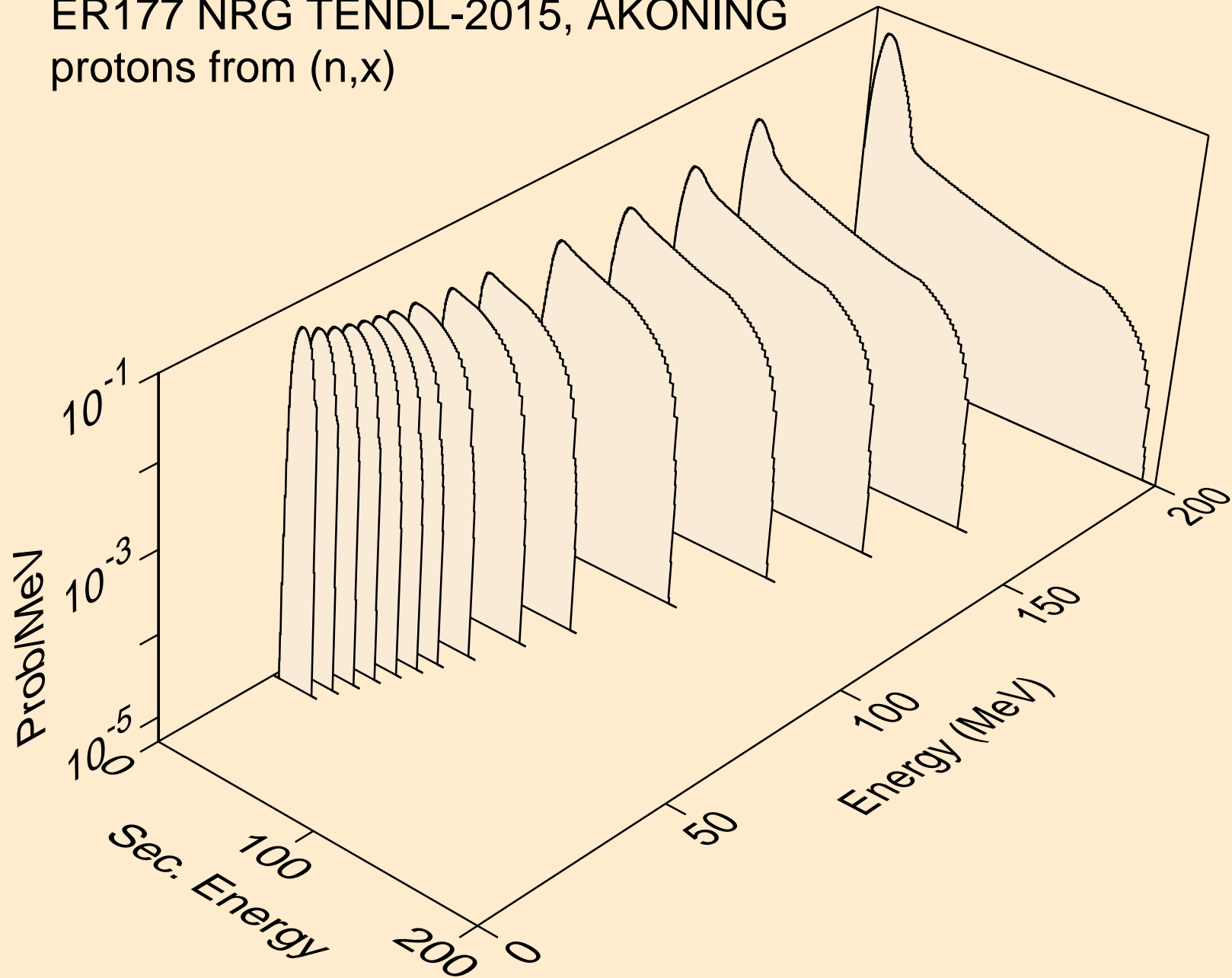


# ER177 NRG TENDL-2015, AKONING

## Particle production cross sections

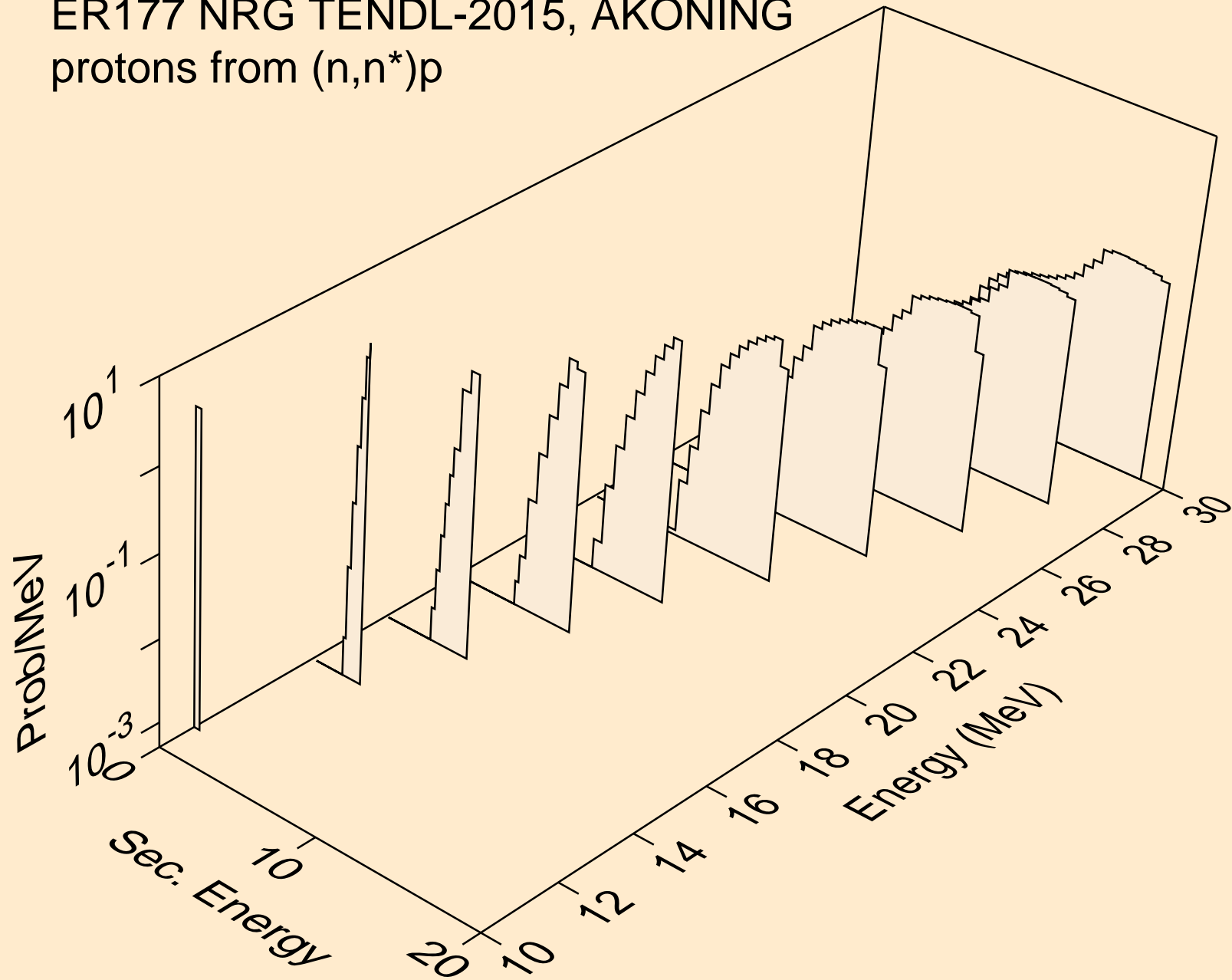


ER177 NRG TENDL-2015, AKONING  
protons from (n,x)

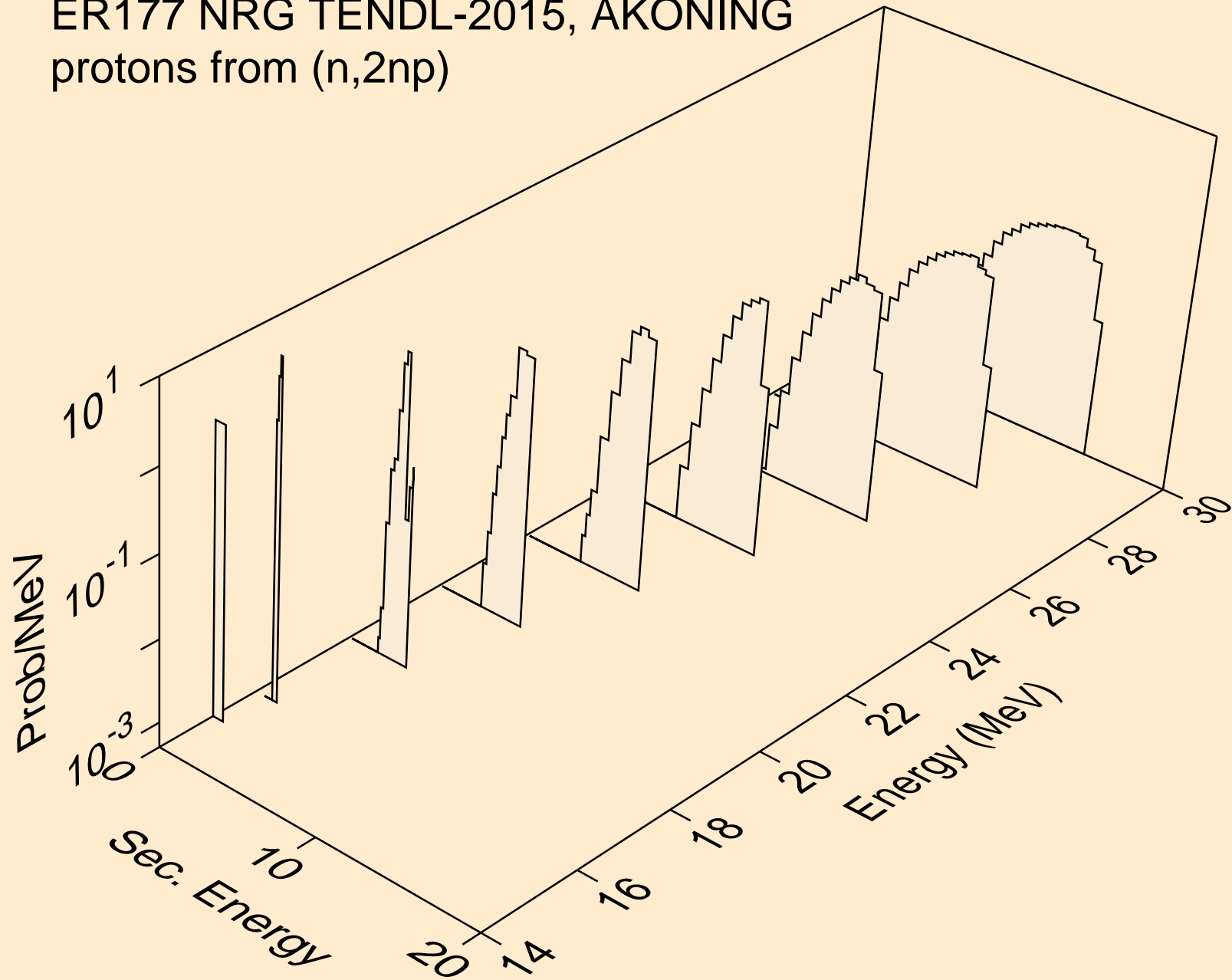




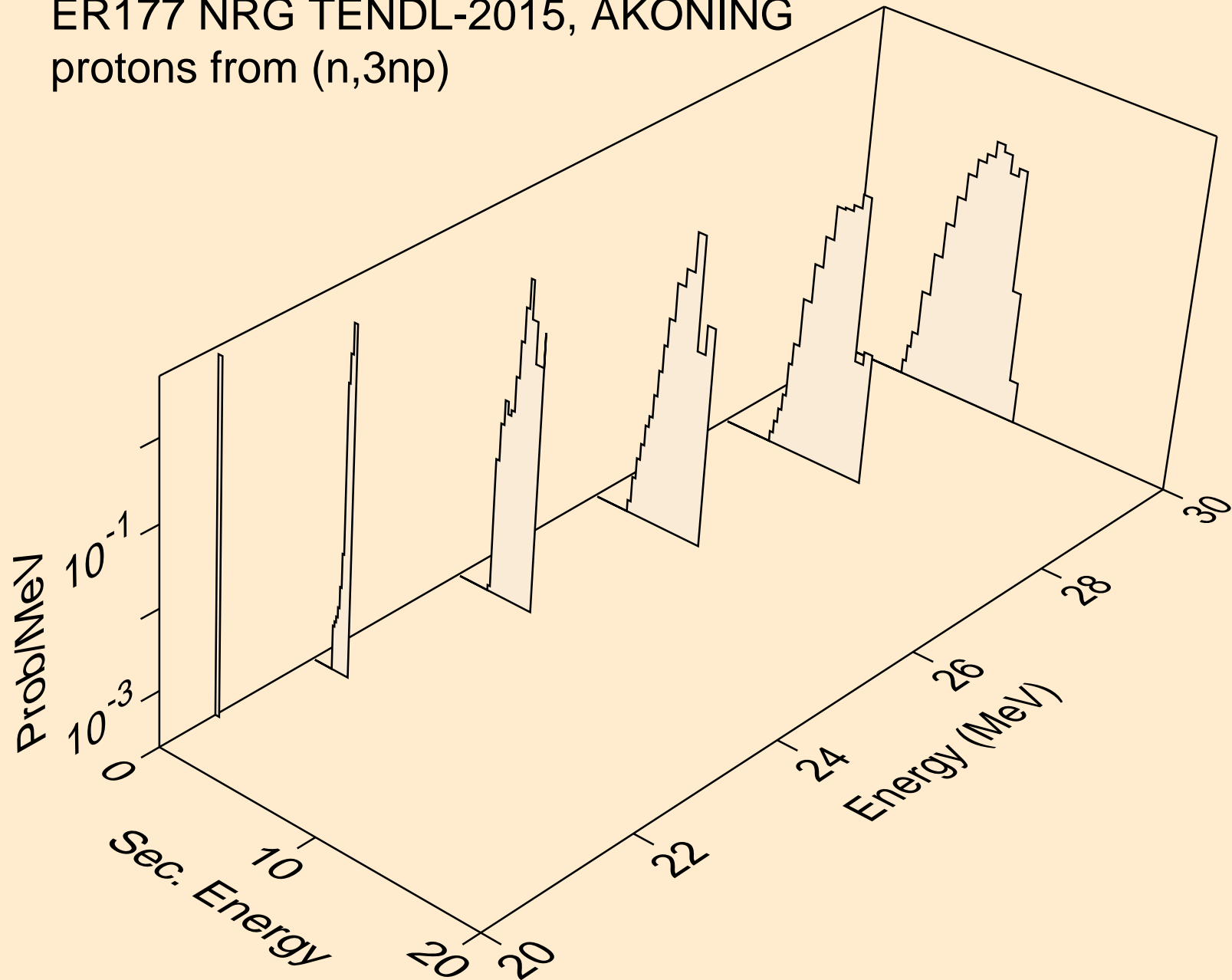
ER177 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



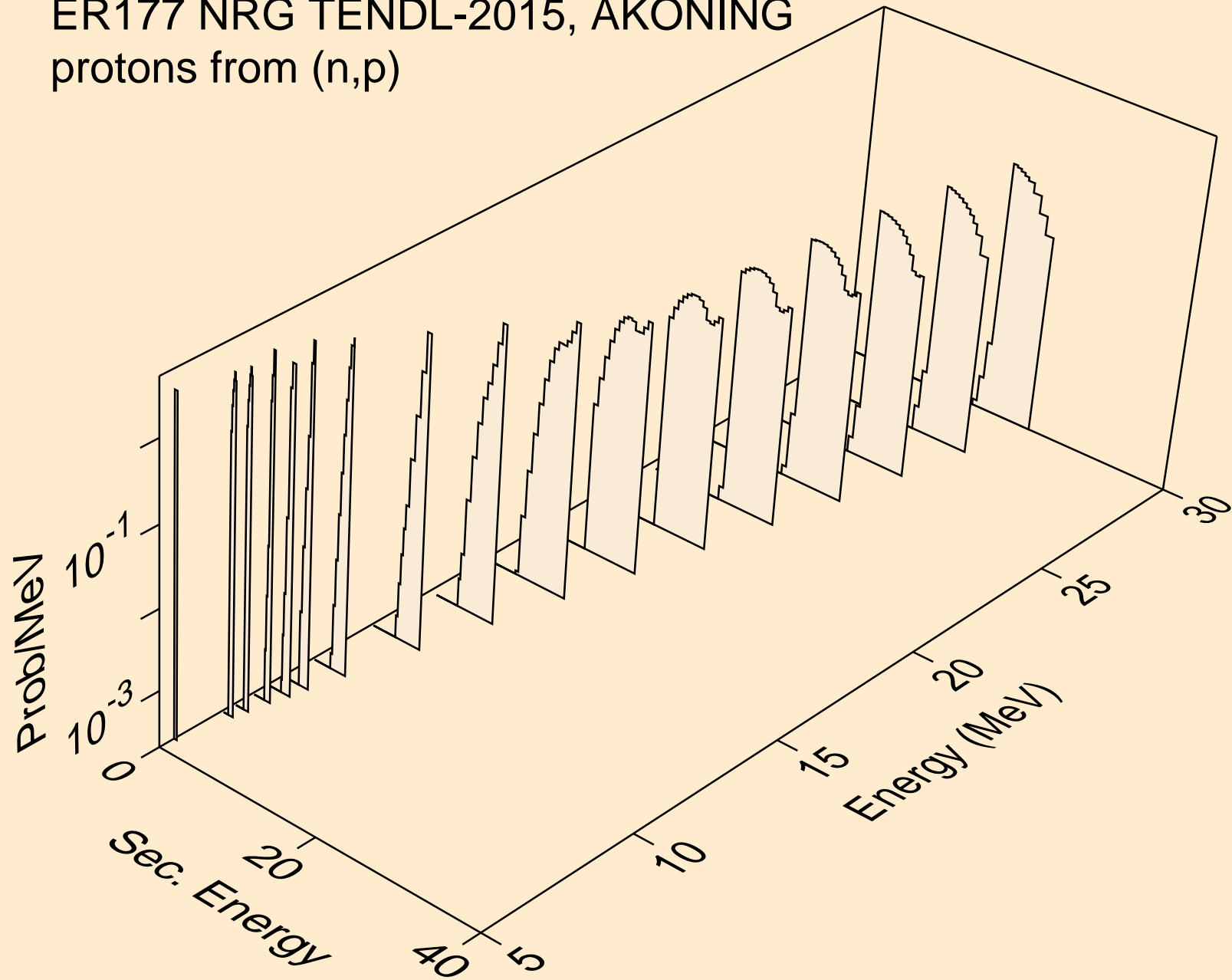
ER177 NRG TENDL-2015, AKONING  
protons from (n,2np)



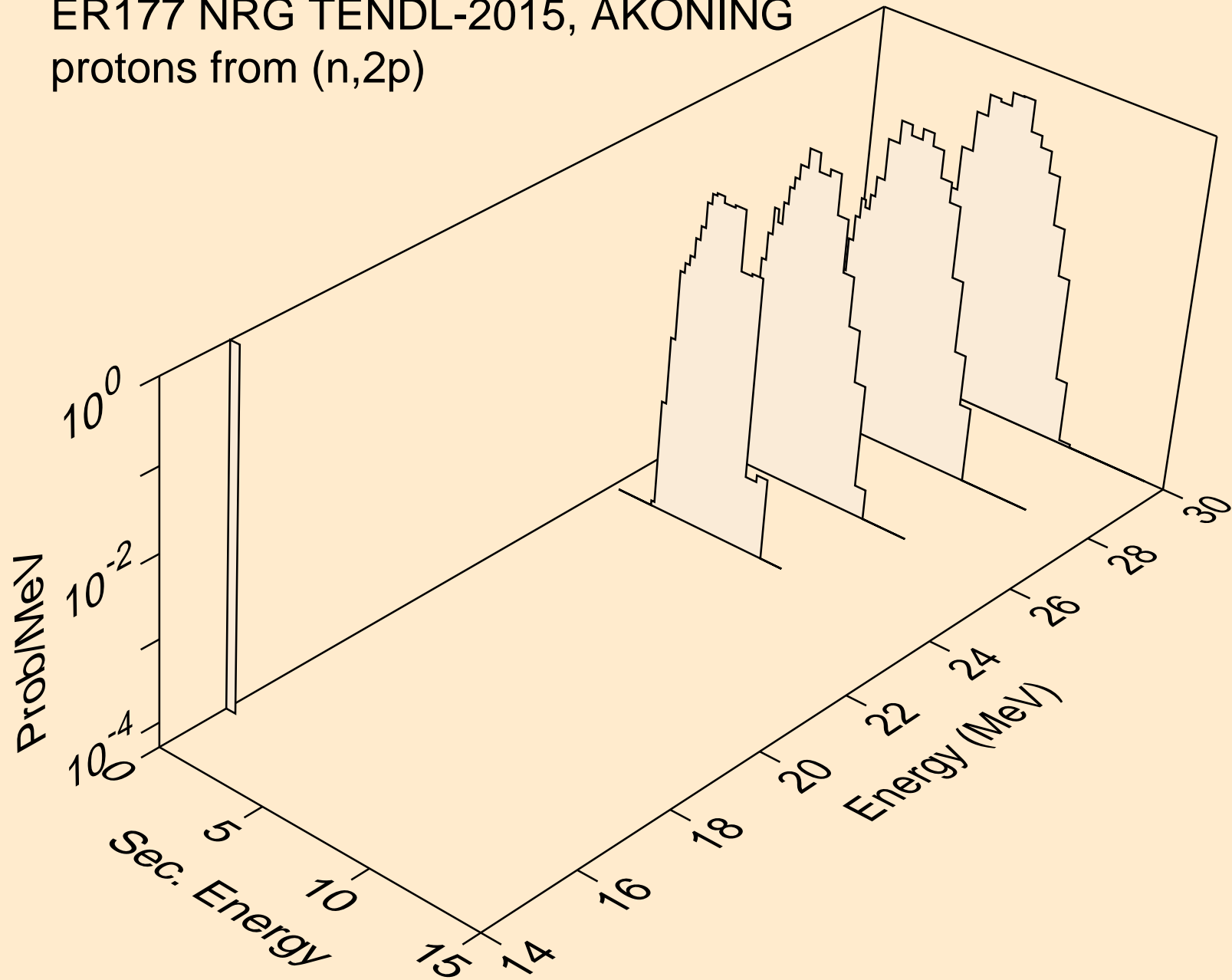
ER177 NRG TENDL-2015, AKONING  
protons from (n,3np)



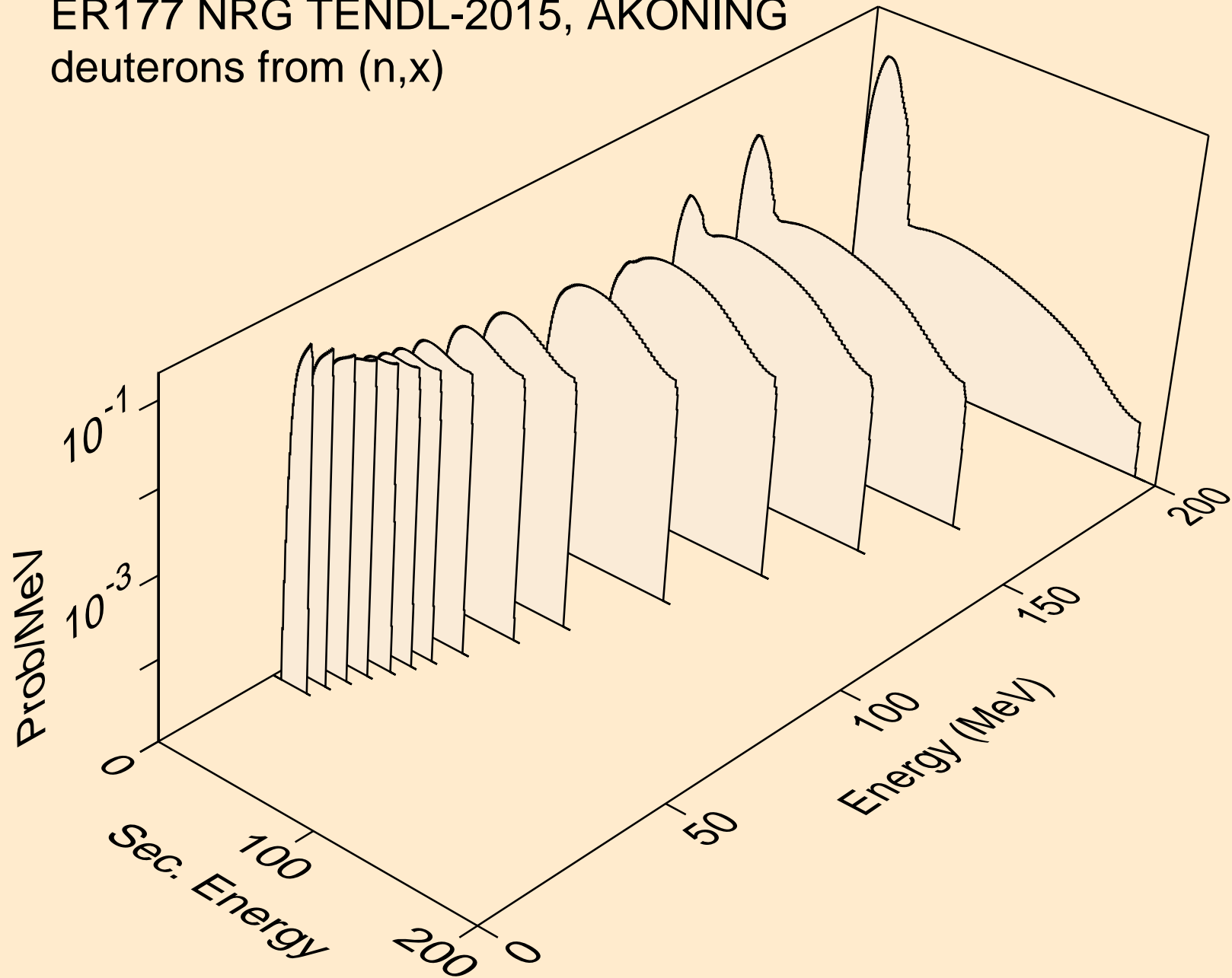
ER177 NRG TENDL-2015, AKONING  
protons from (n,p)



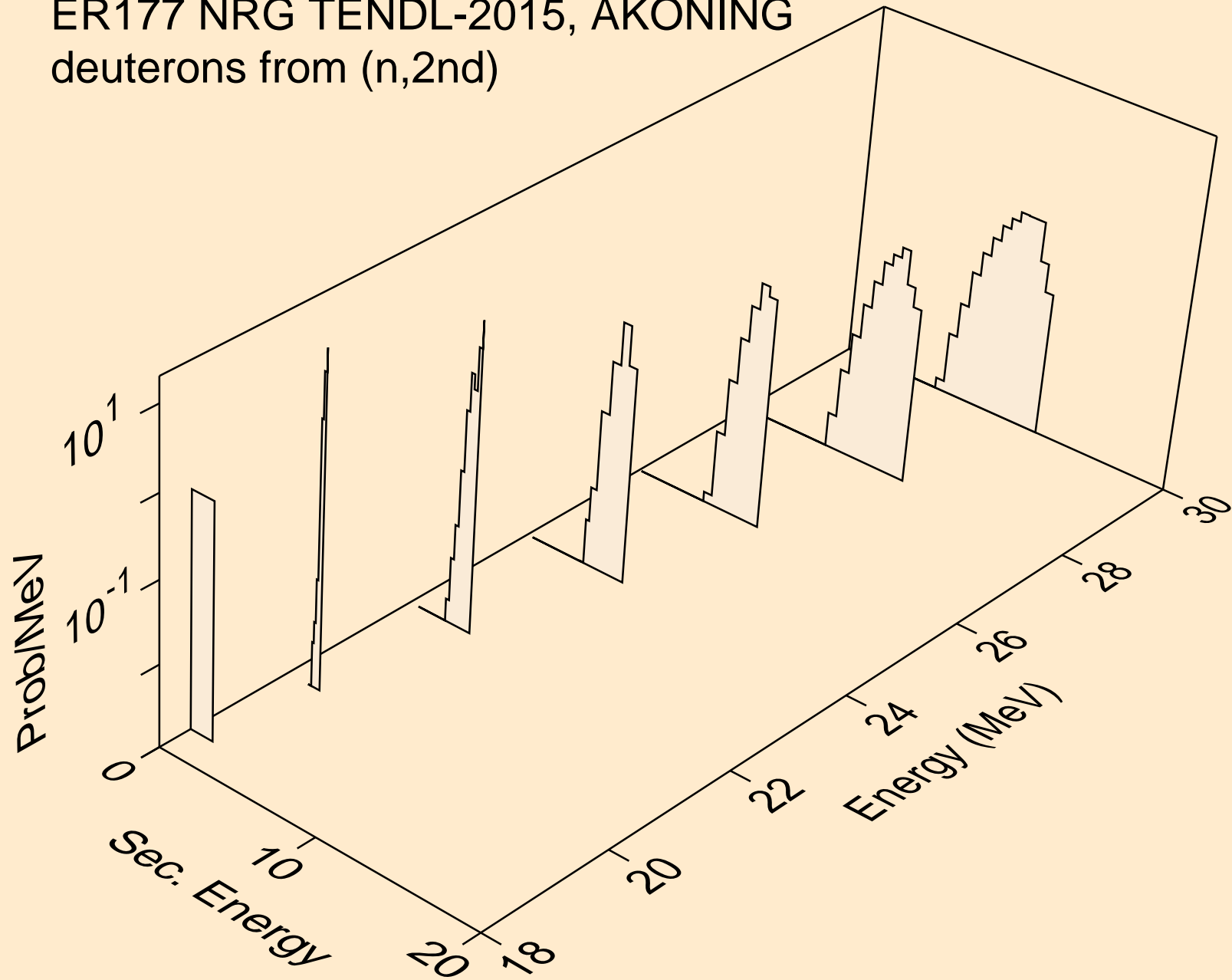
ER177 NRG TENDL-2015, AKONING  
protons from (n,2p)



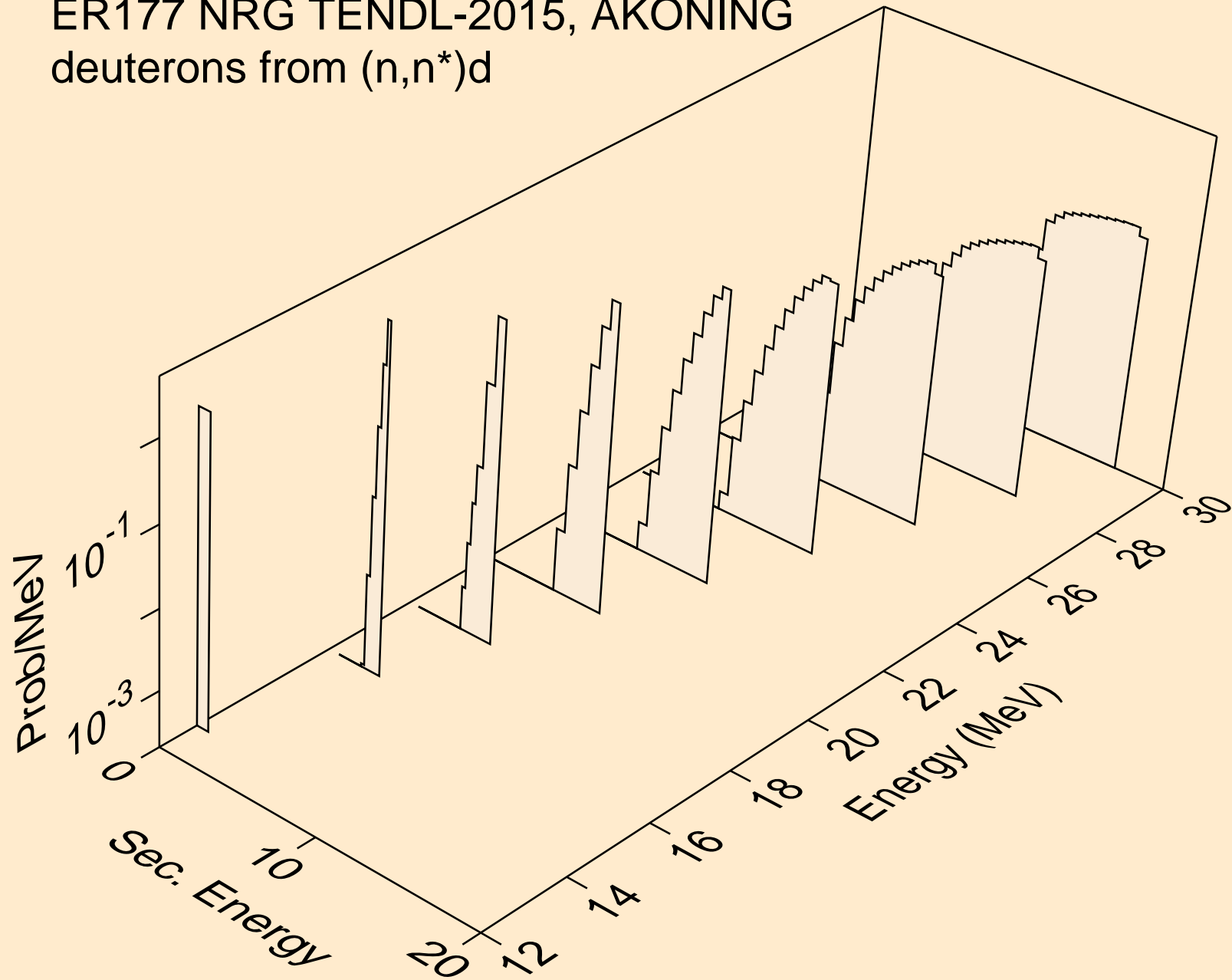
ER177 NRG TENDL-2015, AKONING  
deuterons from (n,x)



ER177 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)

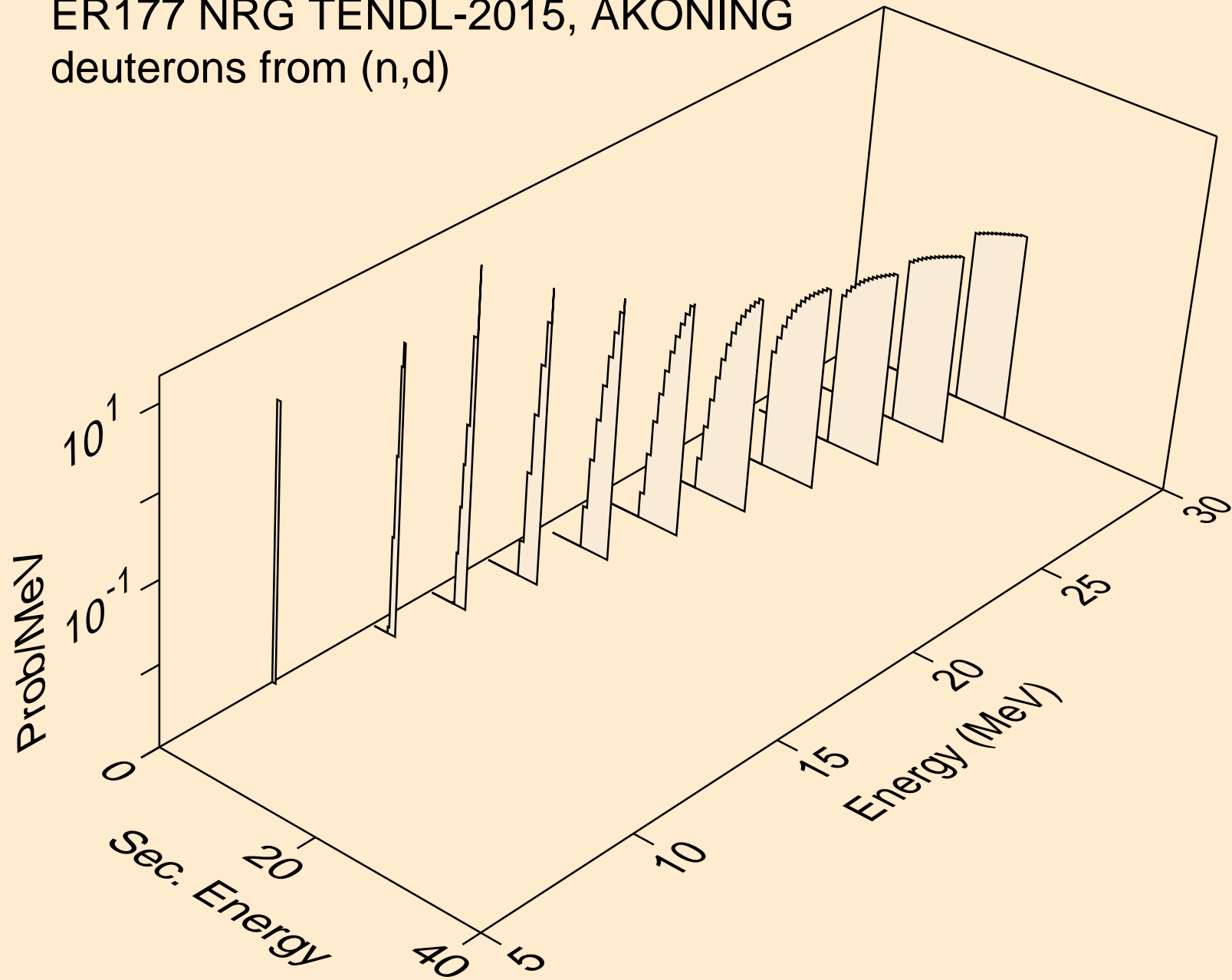


ER177 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

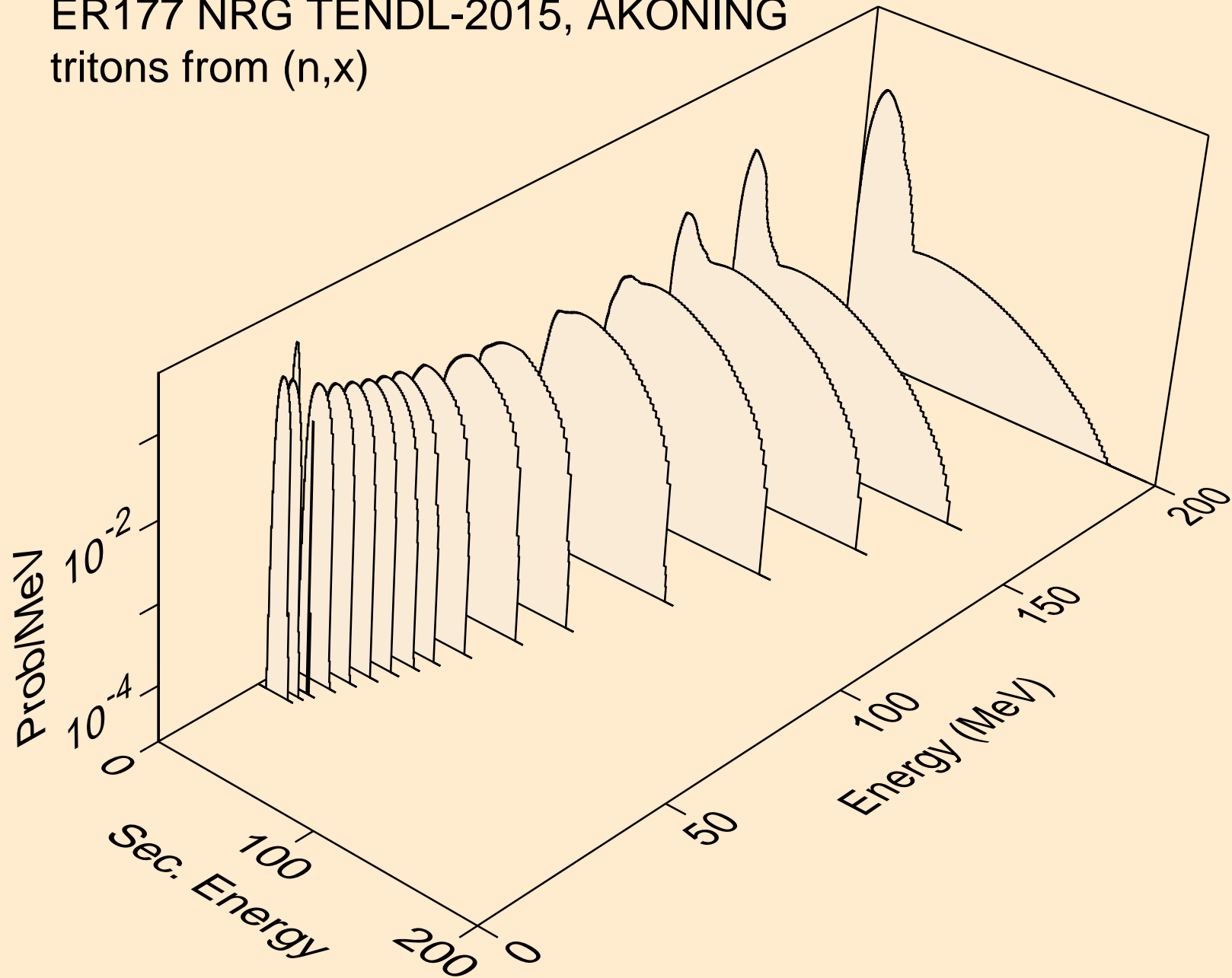




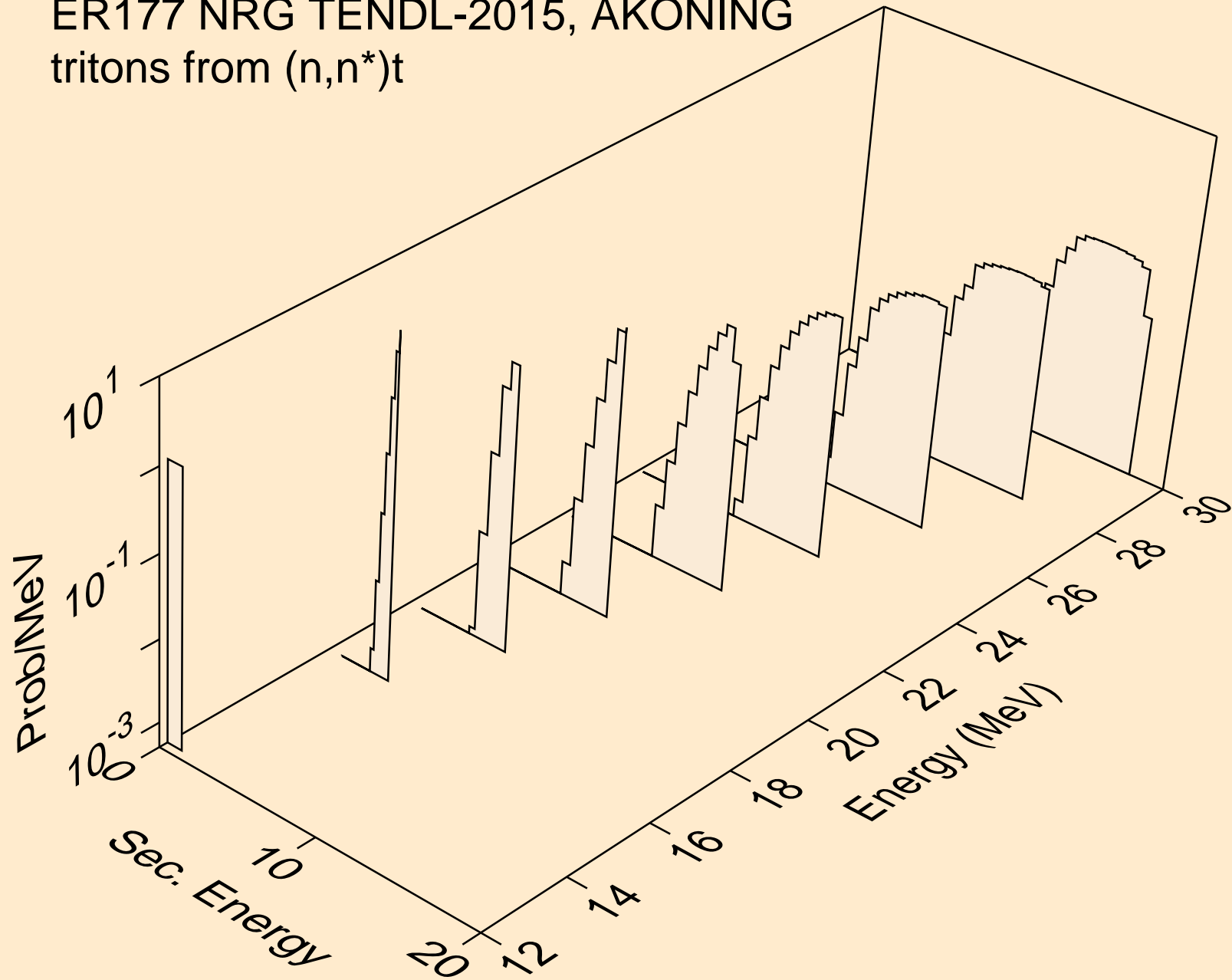
ER177 NRG TENDL-2015, AKONING  
deuterons from (n,d)



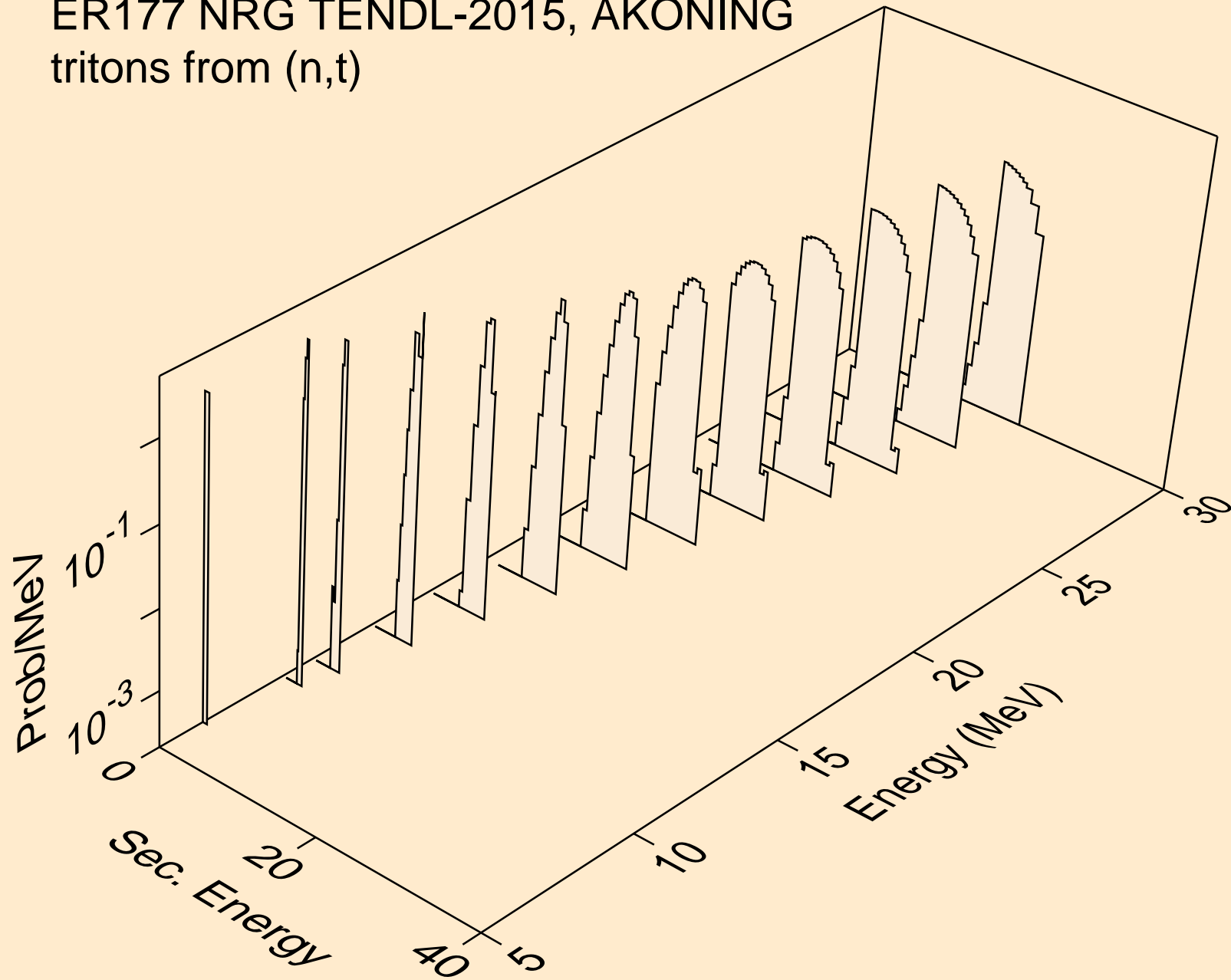
ER177 NRG TENDL-2015, AKONING  
tritons from (n,x)



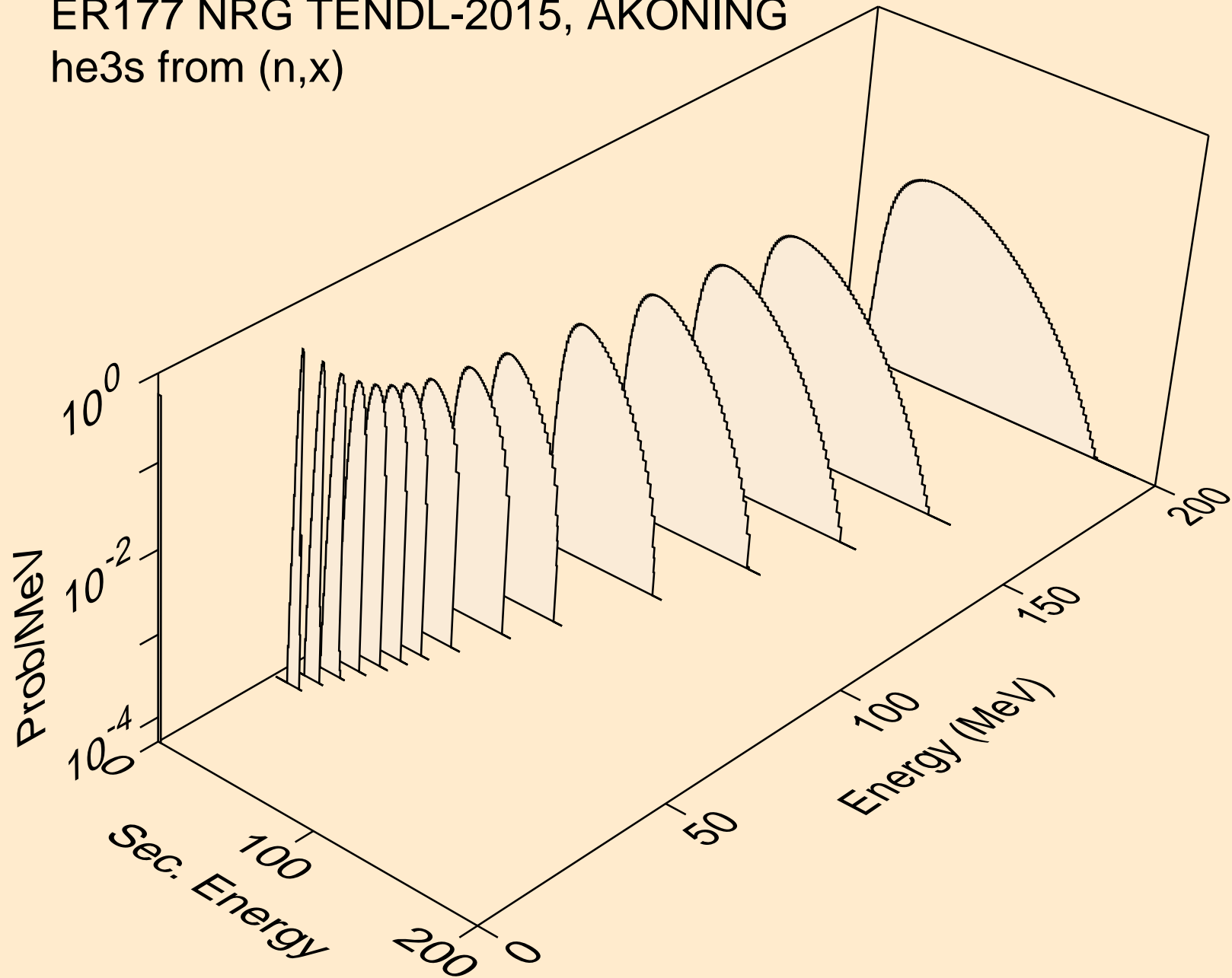
ER177 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



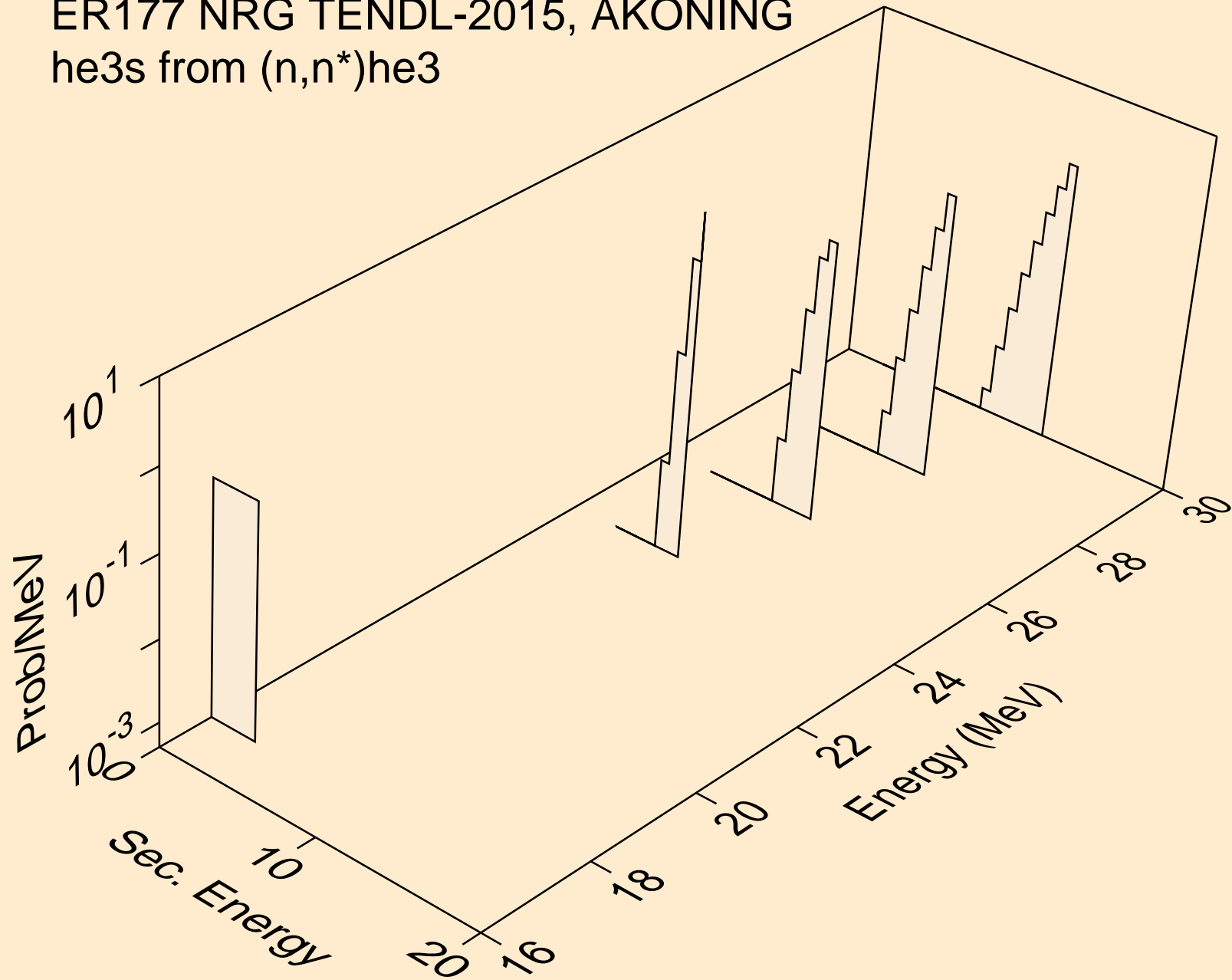
ER177 NRG TENDL-2015, AKONING  
tritons from (n,t)



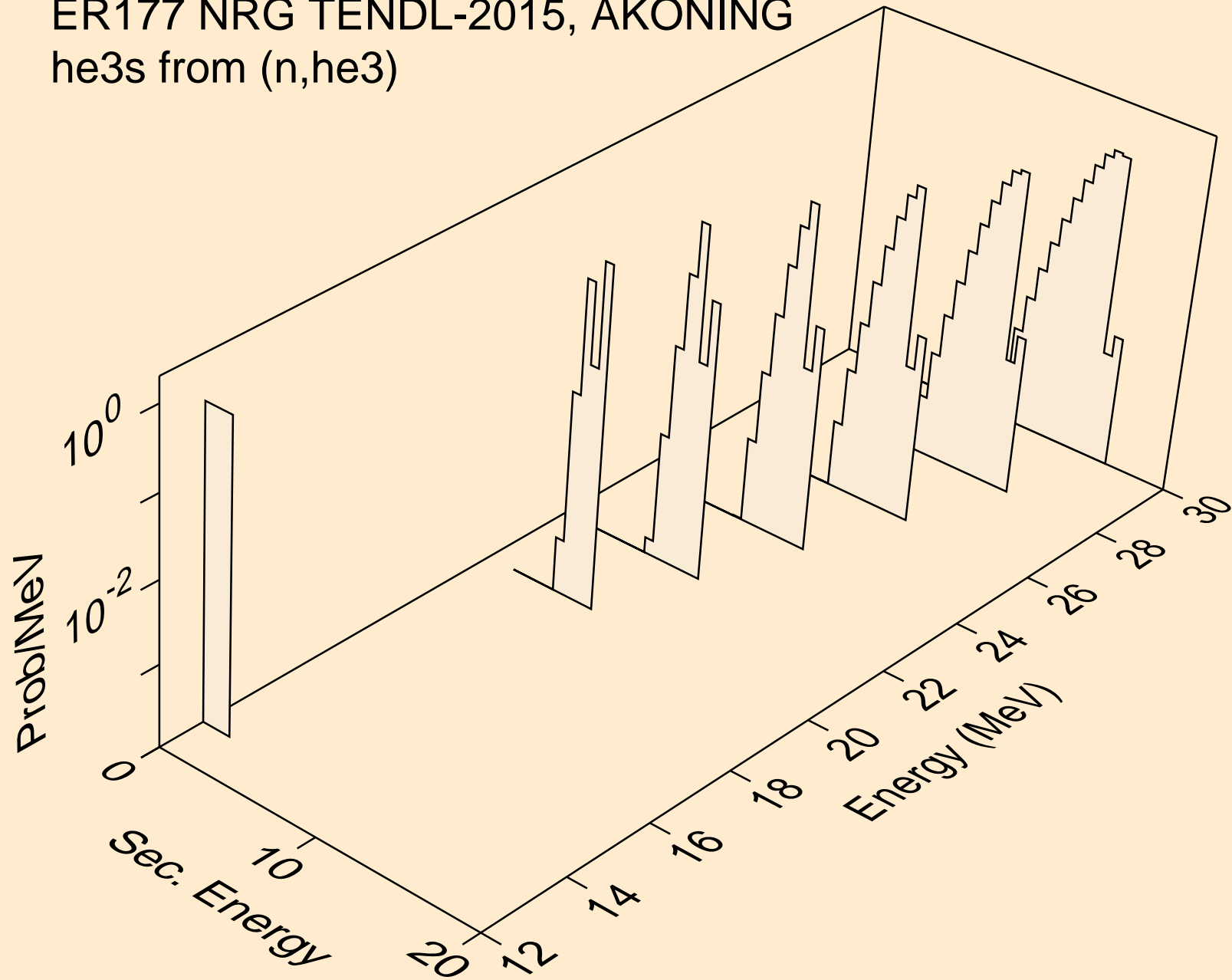
ER177 NRG TENDL-2015, AKONING  
he3s from (n,x)



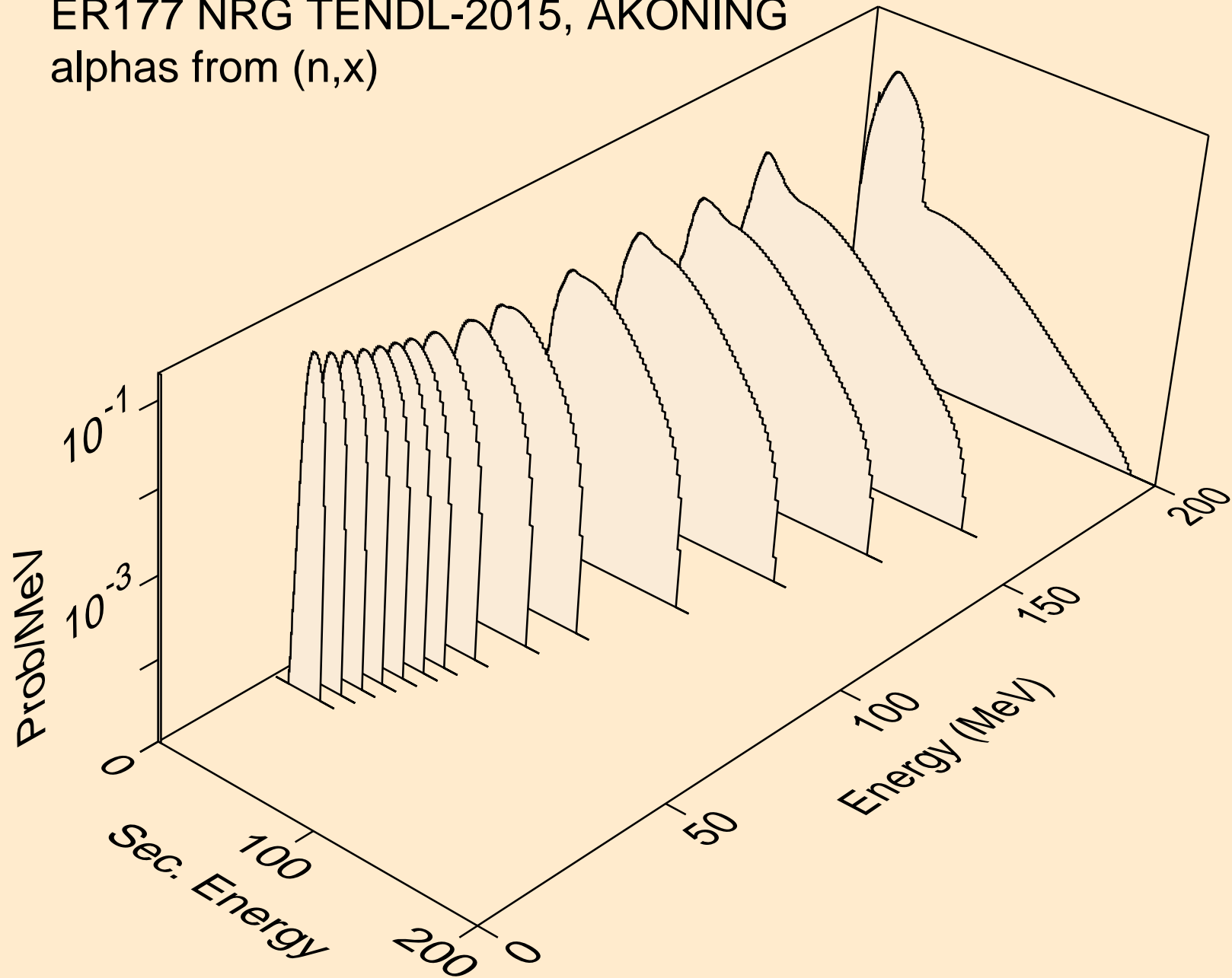
ER177 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



ER177 NRG TENDL-2015, AKONING  
he3s from (n,he3)

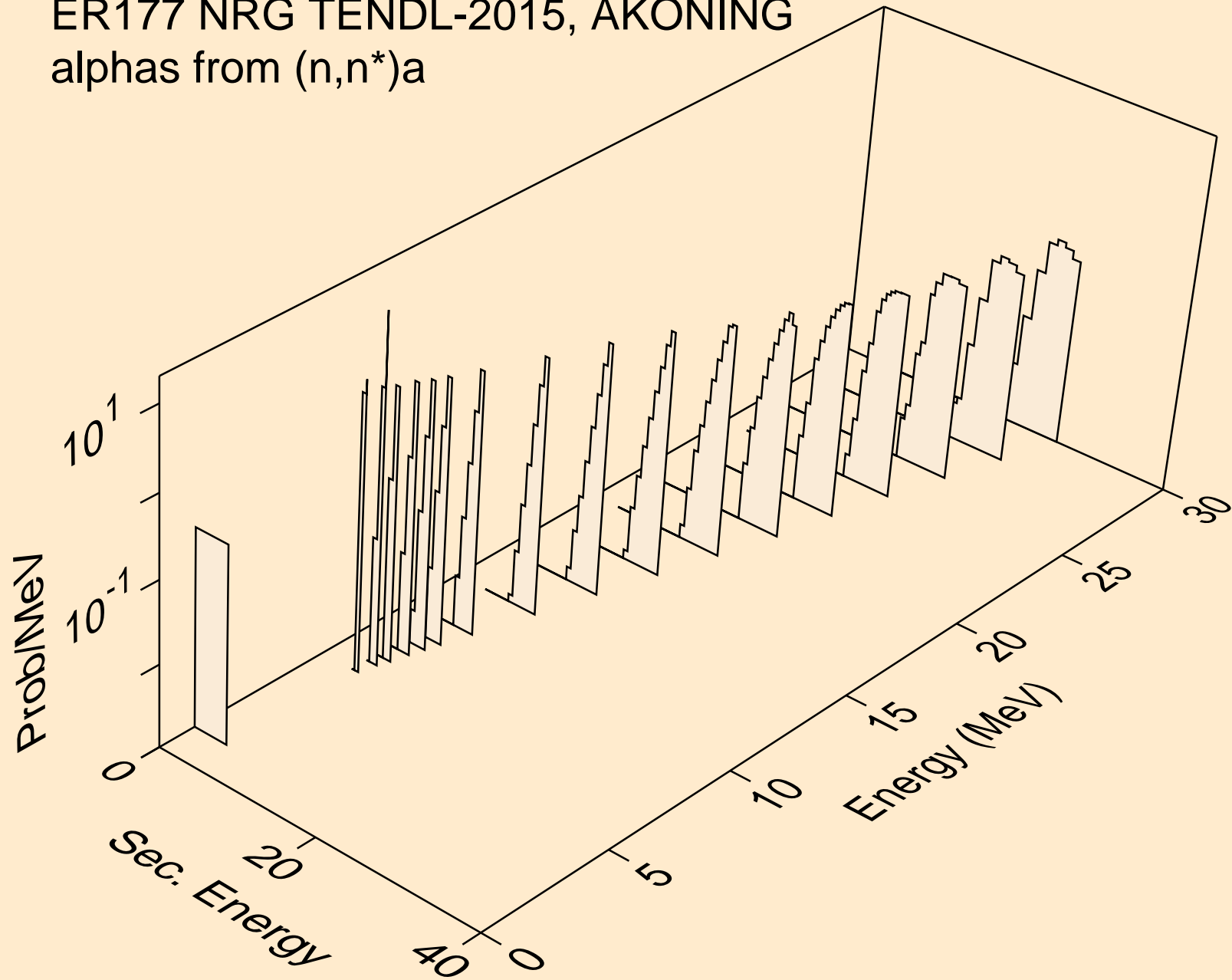


ER177 NRG TENDL-2015, AKONING  
alphas from (n,x)

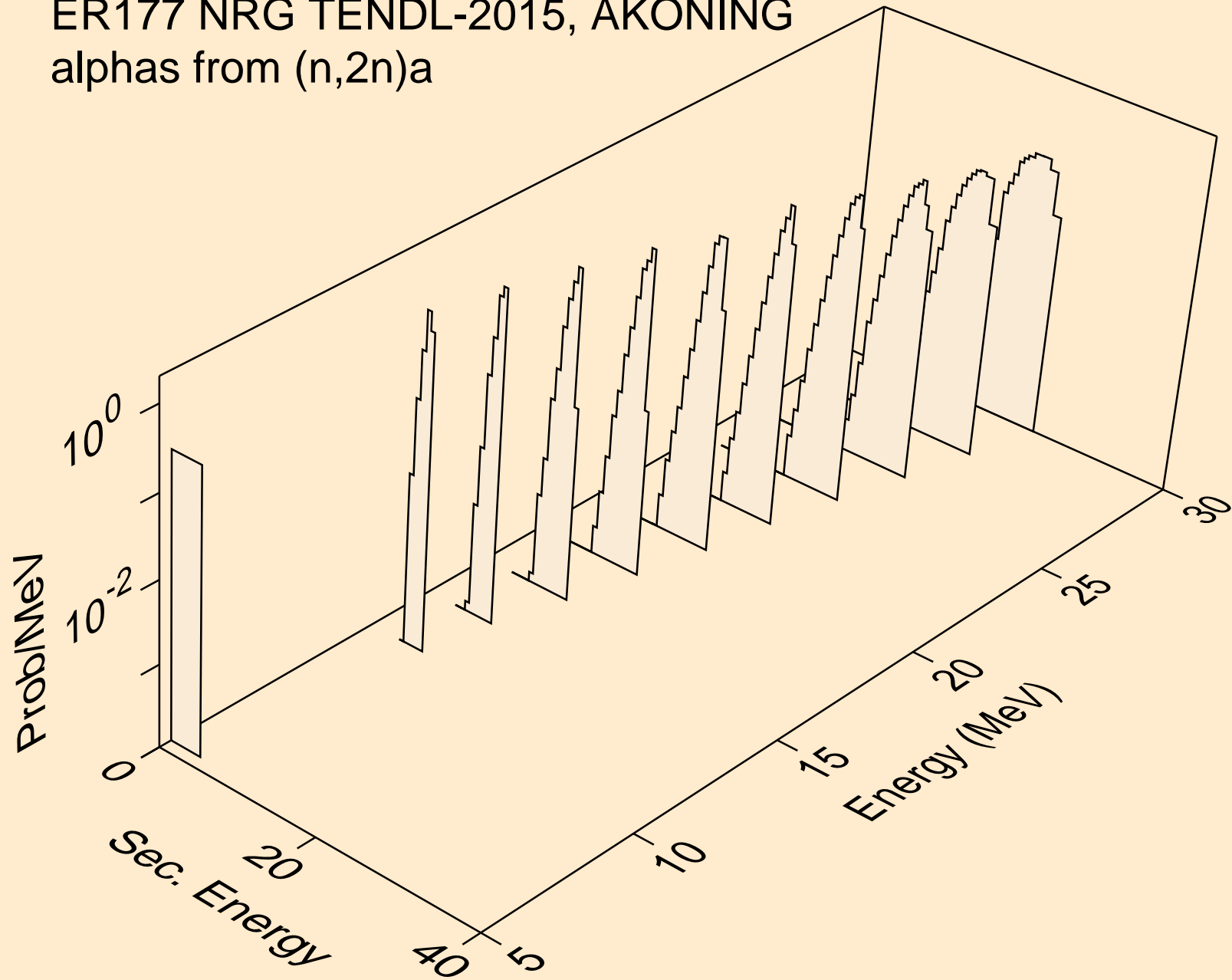




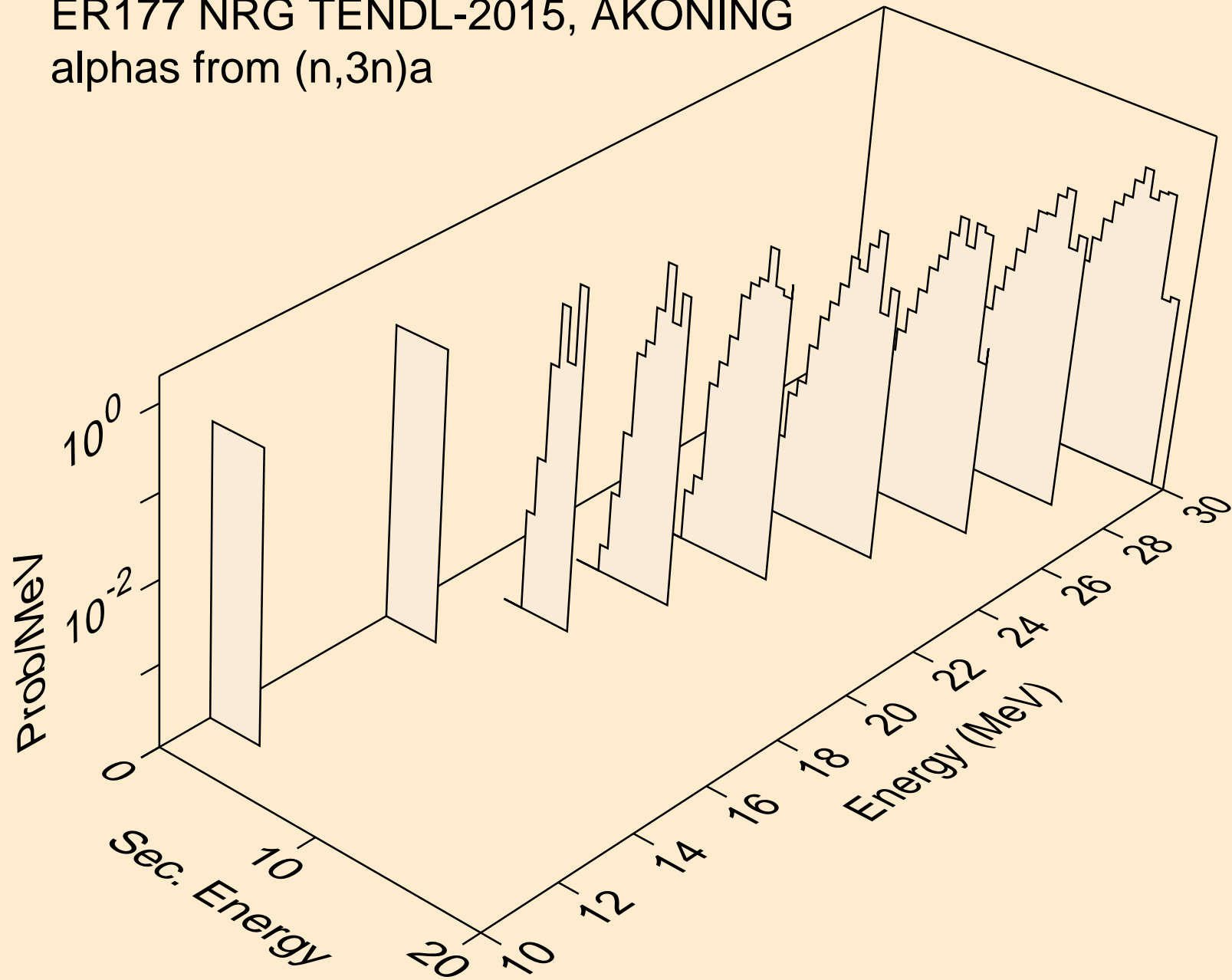
ER177 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



ER177 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



ER177 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



ER177 NRG TENDL-2015, AKONING  
alphas from (n,a)

