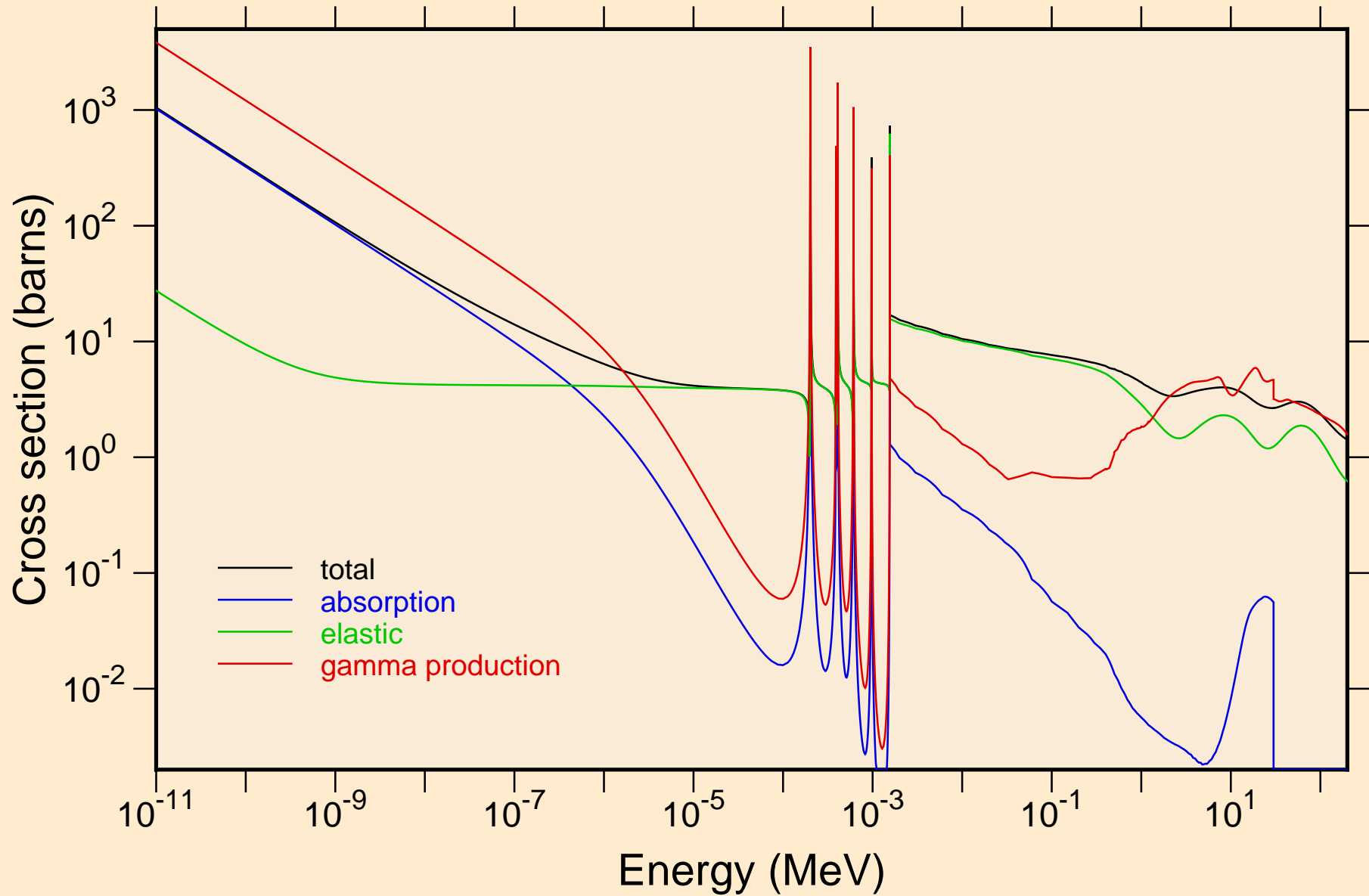
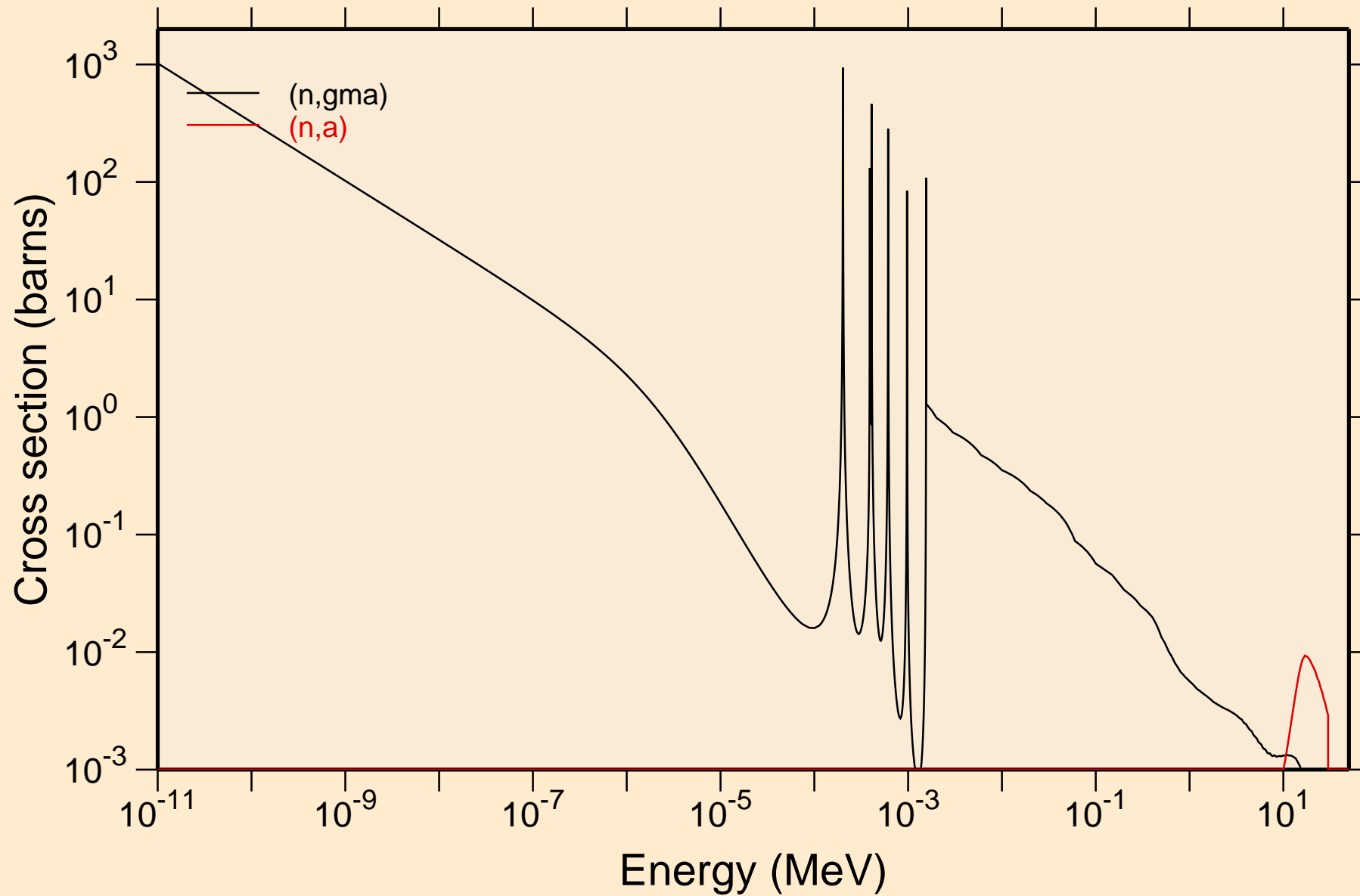


# SE079M NRG TENDL-2015, AKONING

## Principal cross sections

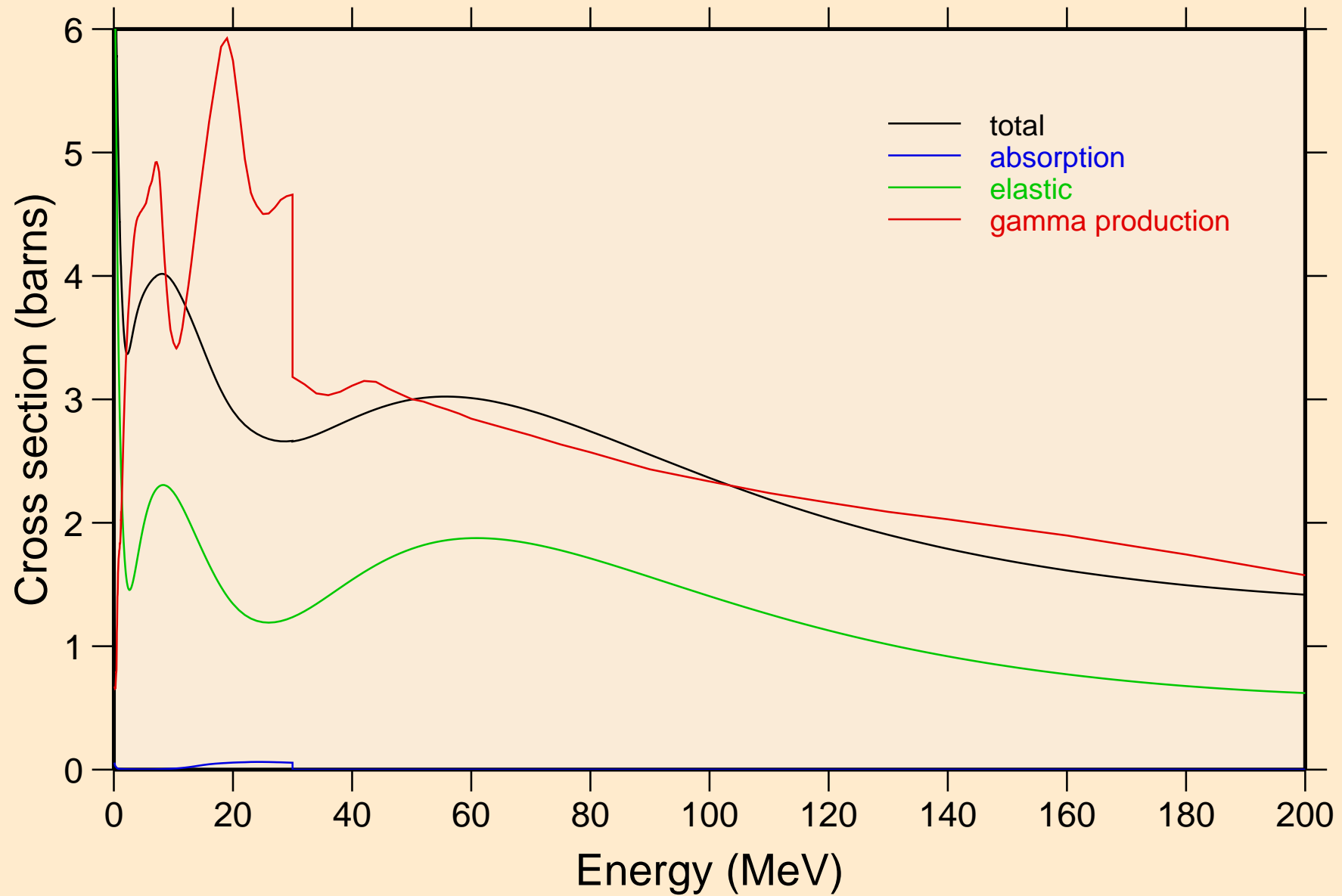


SE079M NRG TENDL-2015, AKONING  
Non-threshold reactions

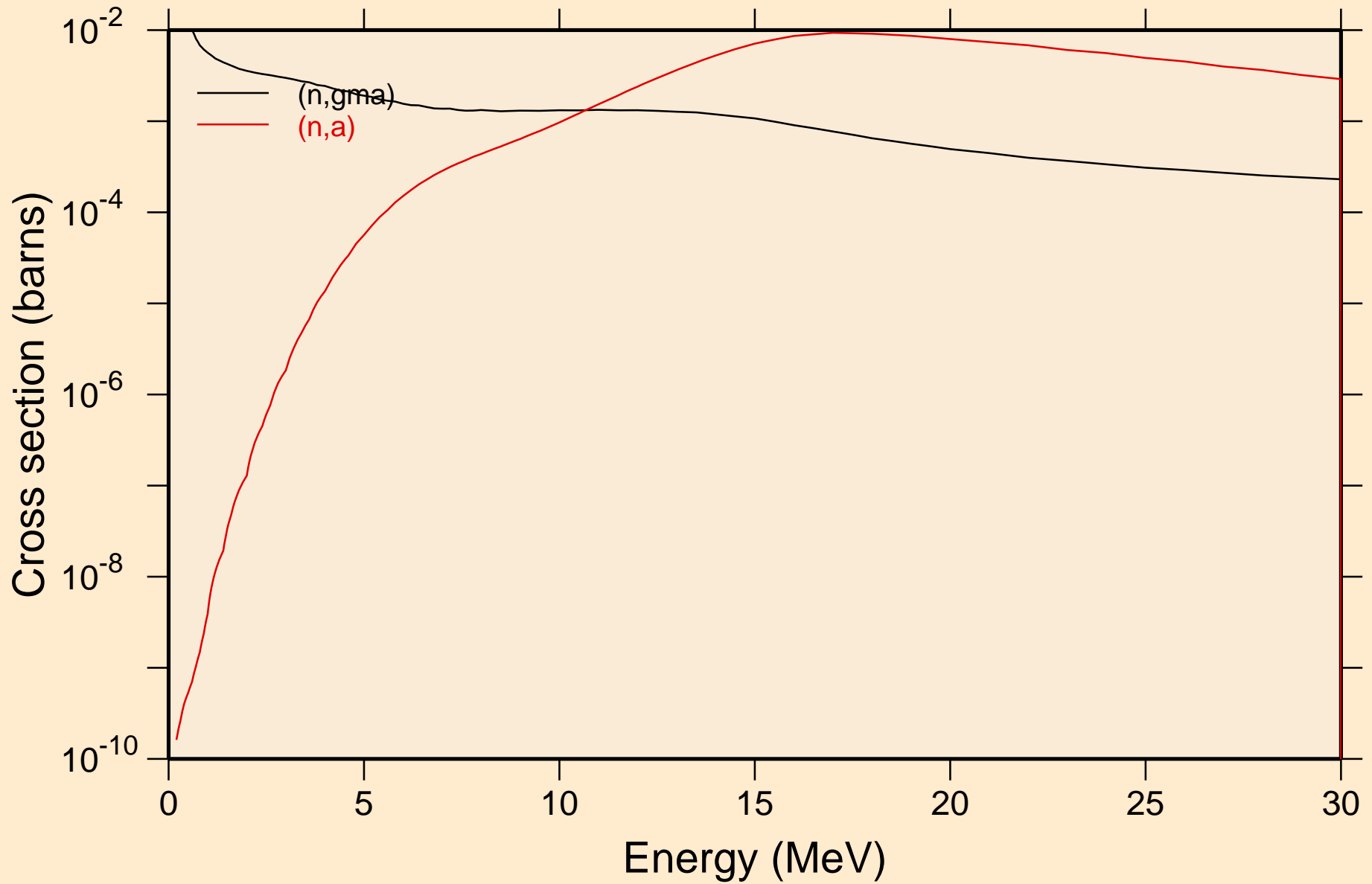


# SE079M NRG TENDL-2015, AKONING

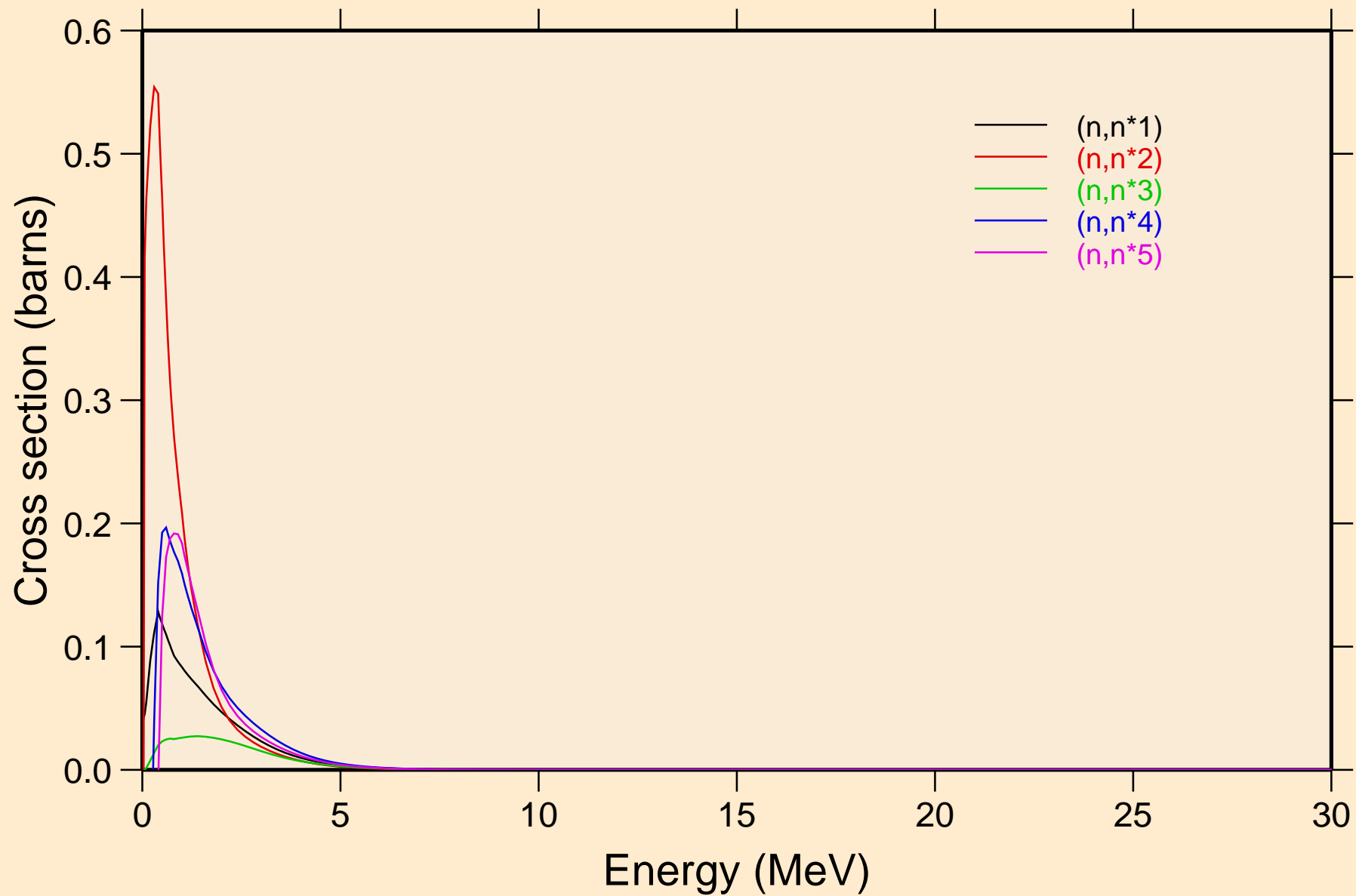
## Principal cross sections



SE079M NRG TENDL-2015, AKONING  
Non-threshold reactions

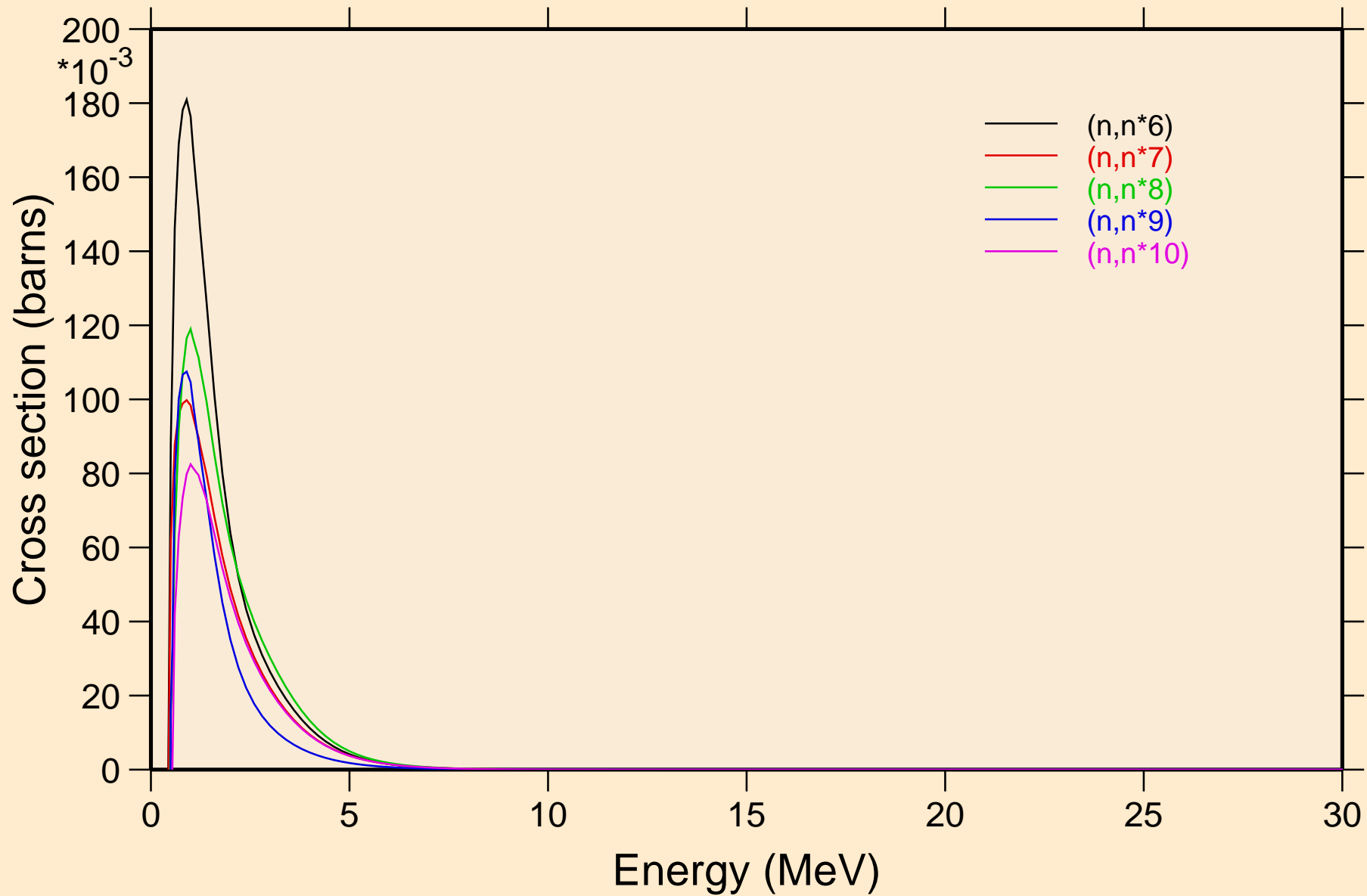


SE079M NRG TENDL-2015, AKONING  
Inelastic levels

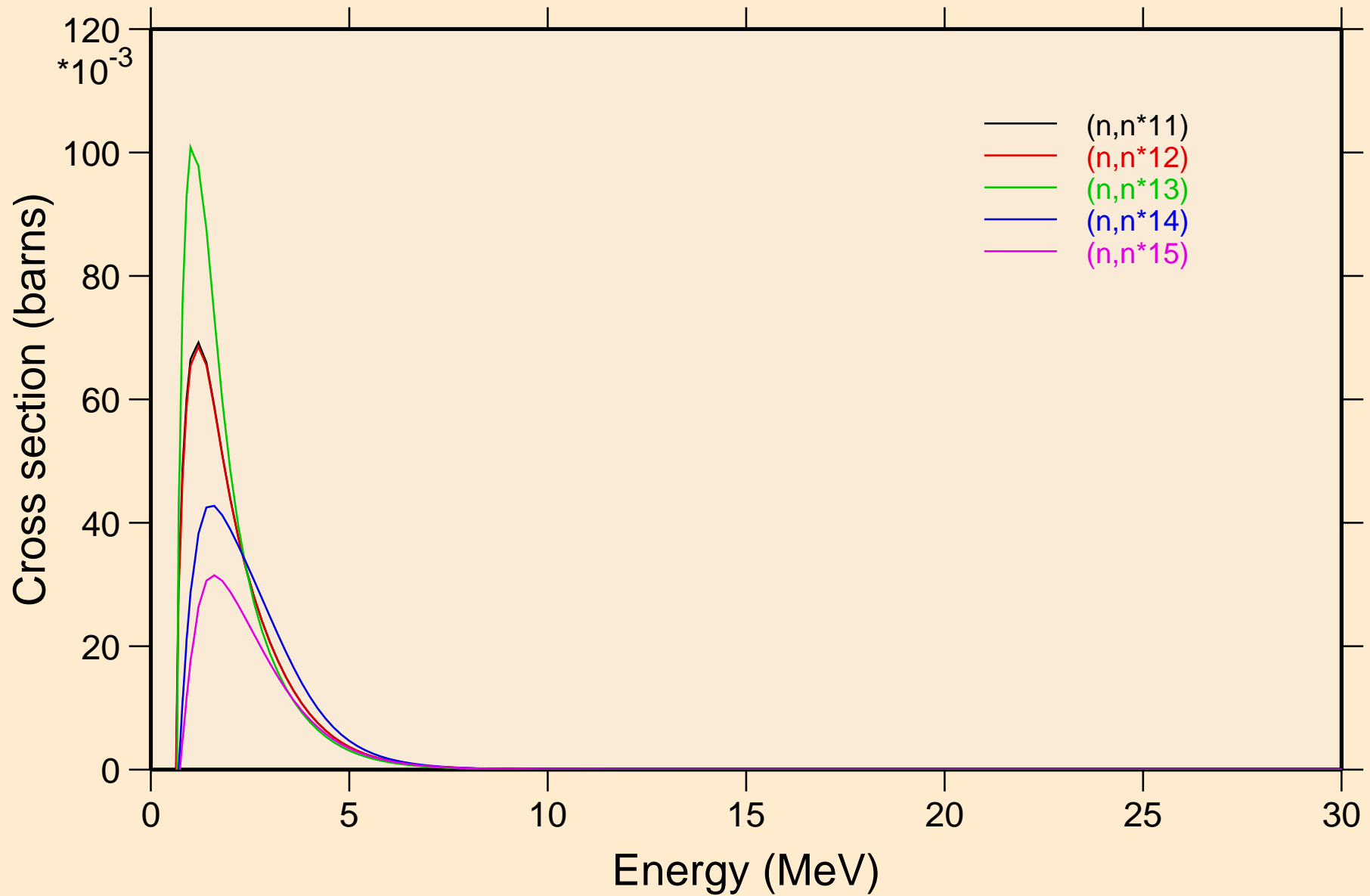


# SE079M NRG TENDL-2015, AKONING

## Inelastic levels

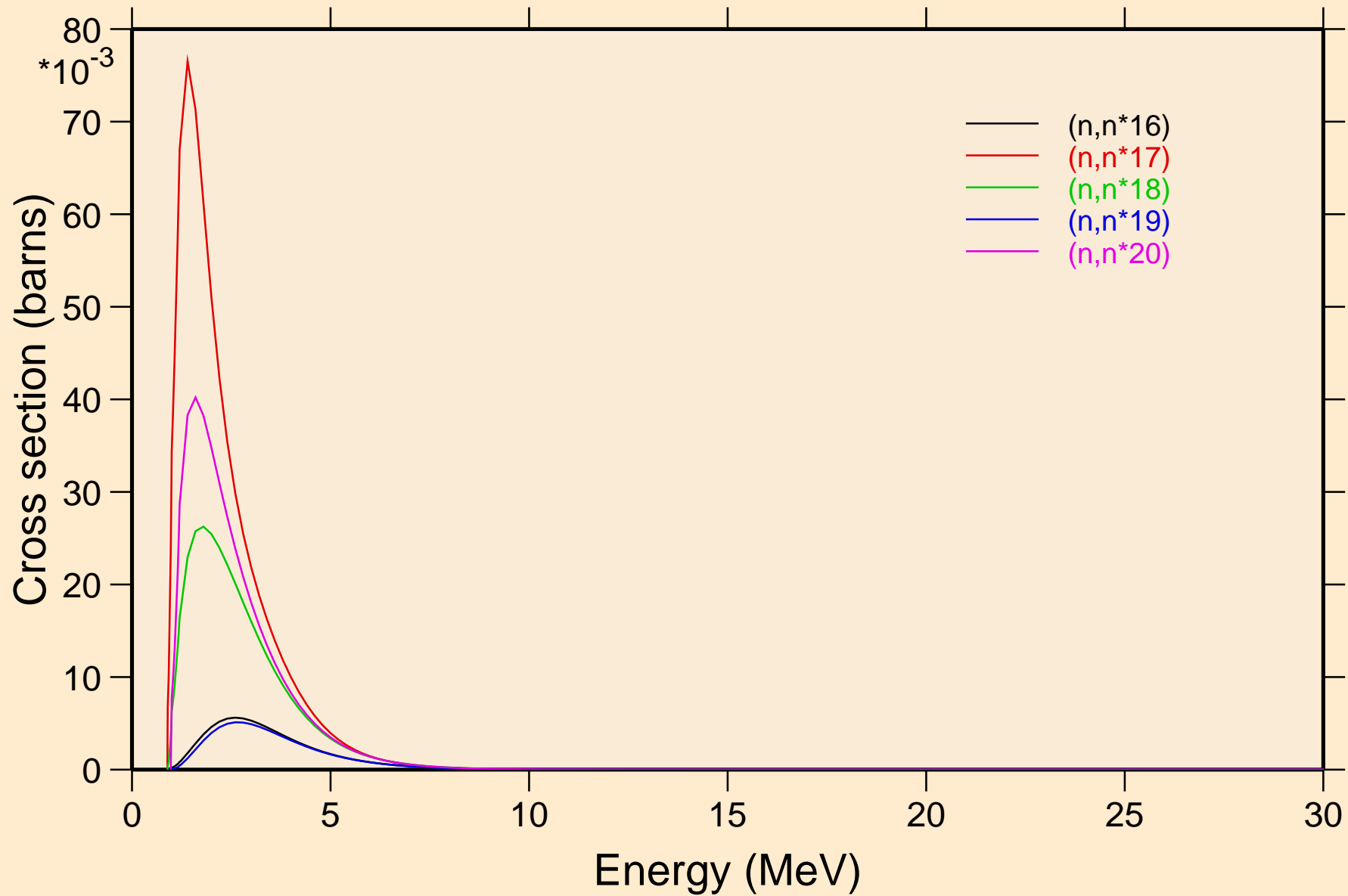


SE079M NRG TENDL-2015, AKONING  
Inelastic levels



# SE079M NRG TENDL-2015, AKONING

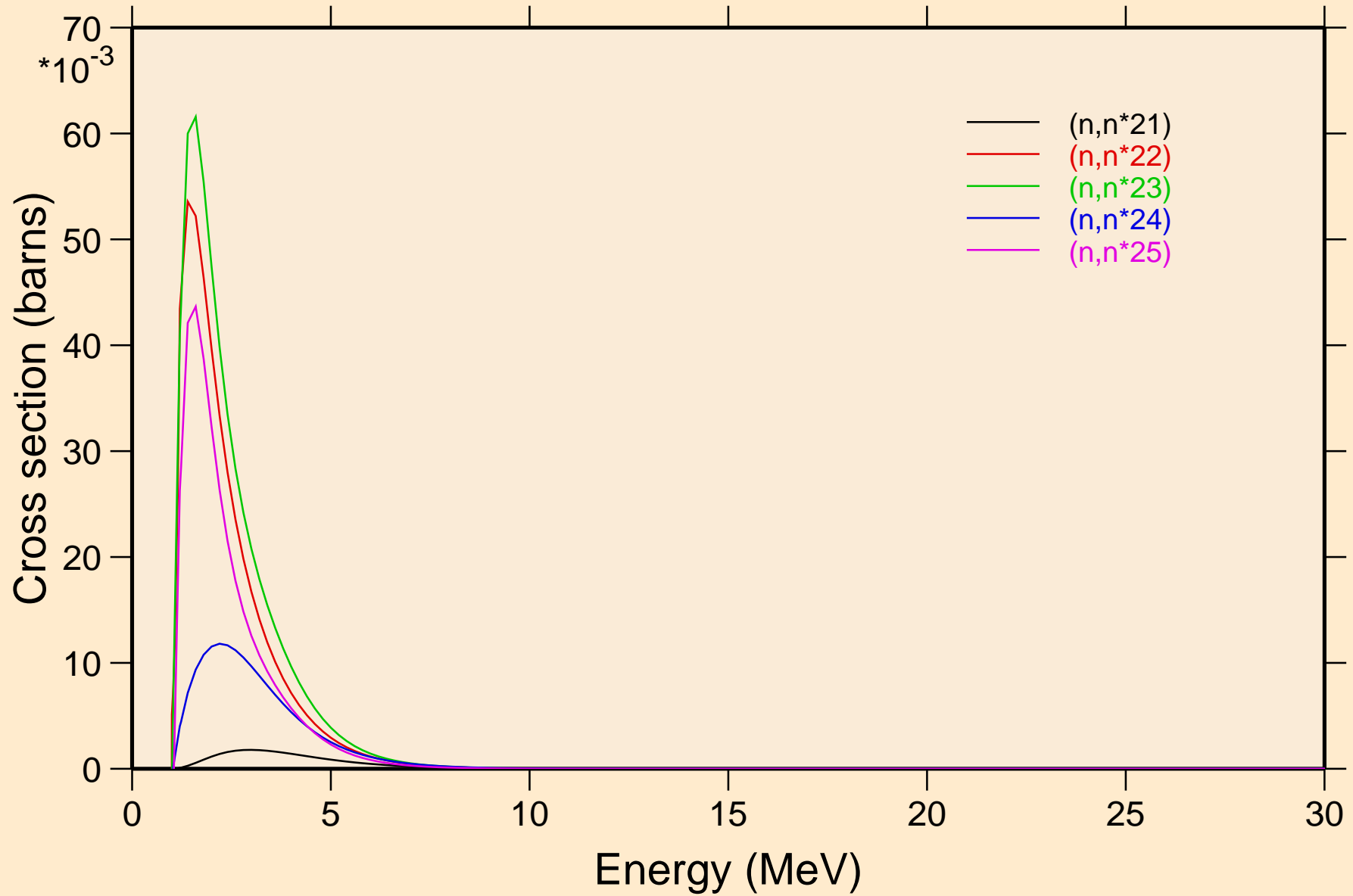
## Inelastic levels





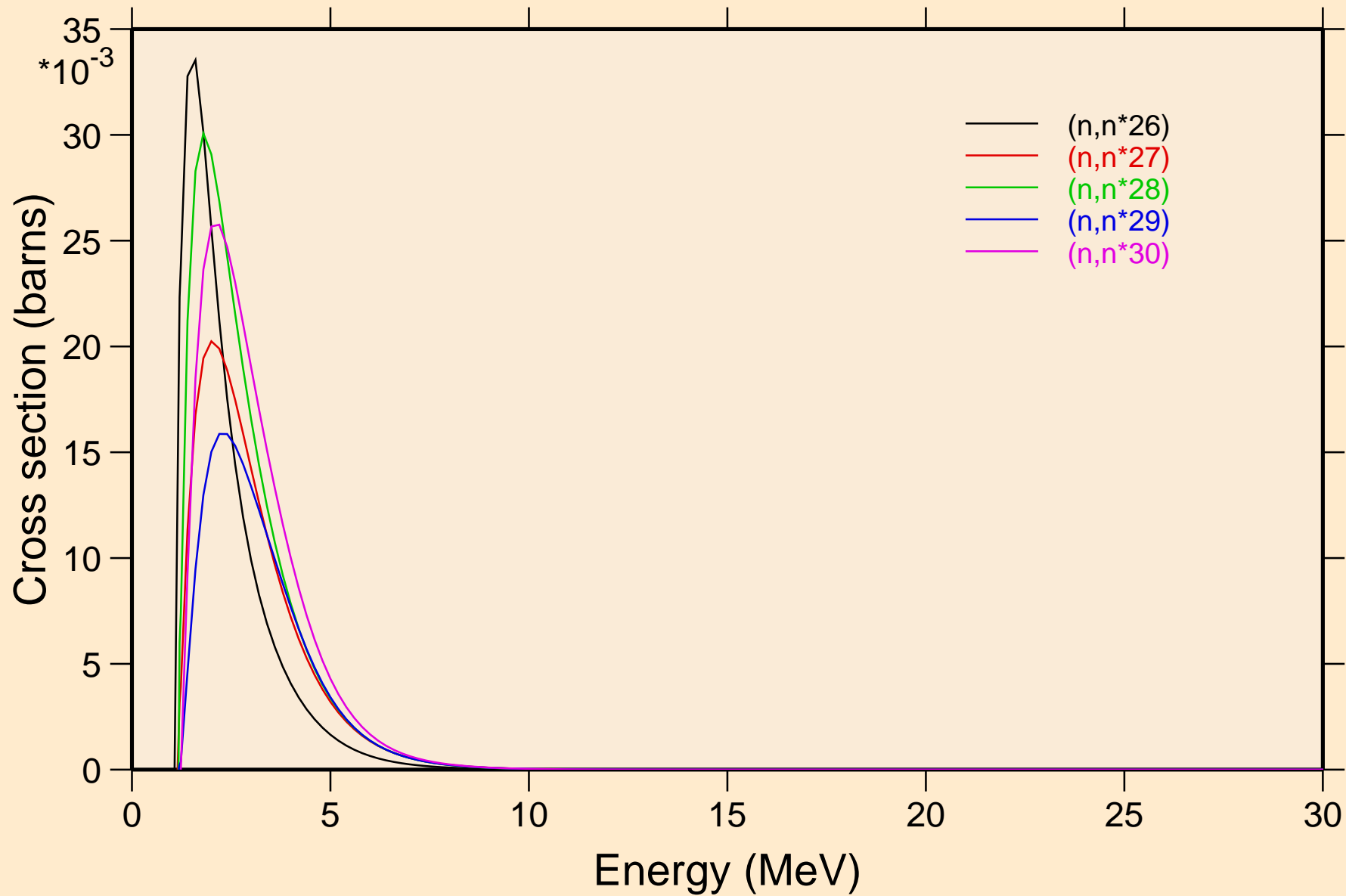
# SE079M NRG TENDL-2015, AKONING

## Inelastic levels



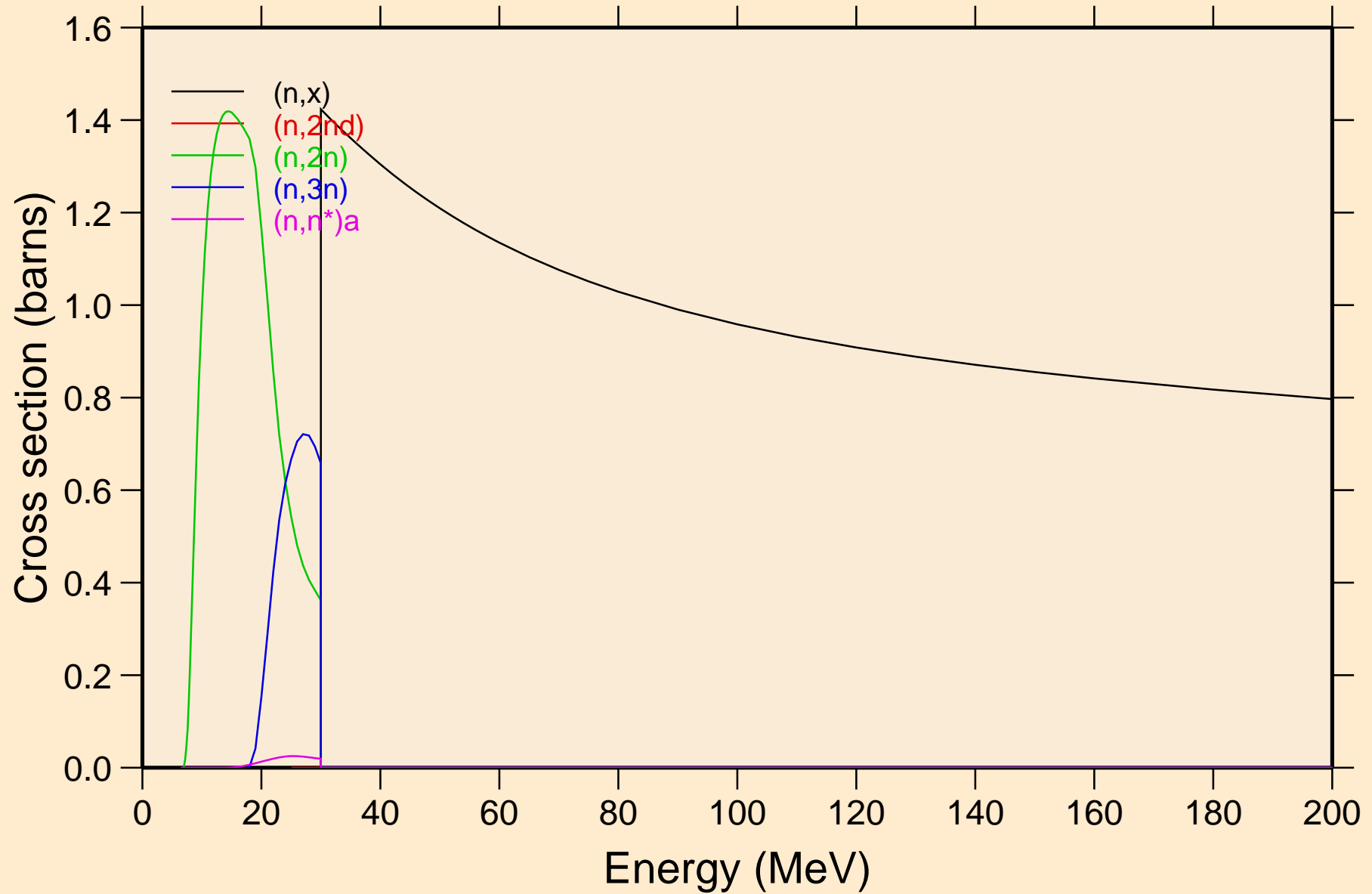
# SE079M NRG TENDL-2015, AKONING

## Inelastic levels



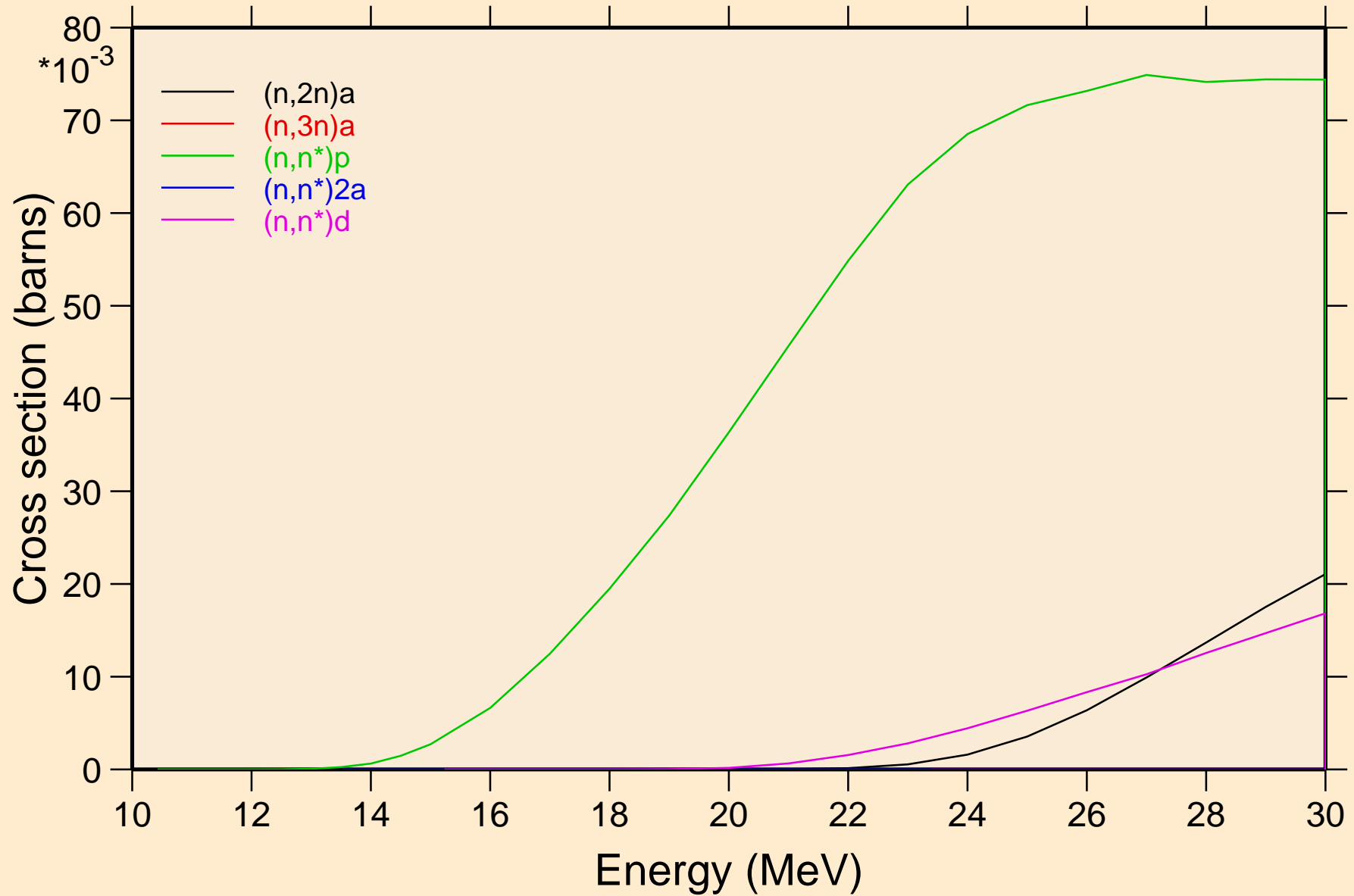
# SE079M NRG TENDL-2015, AKONING

## Threshold reactions



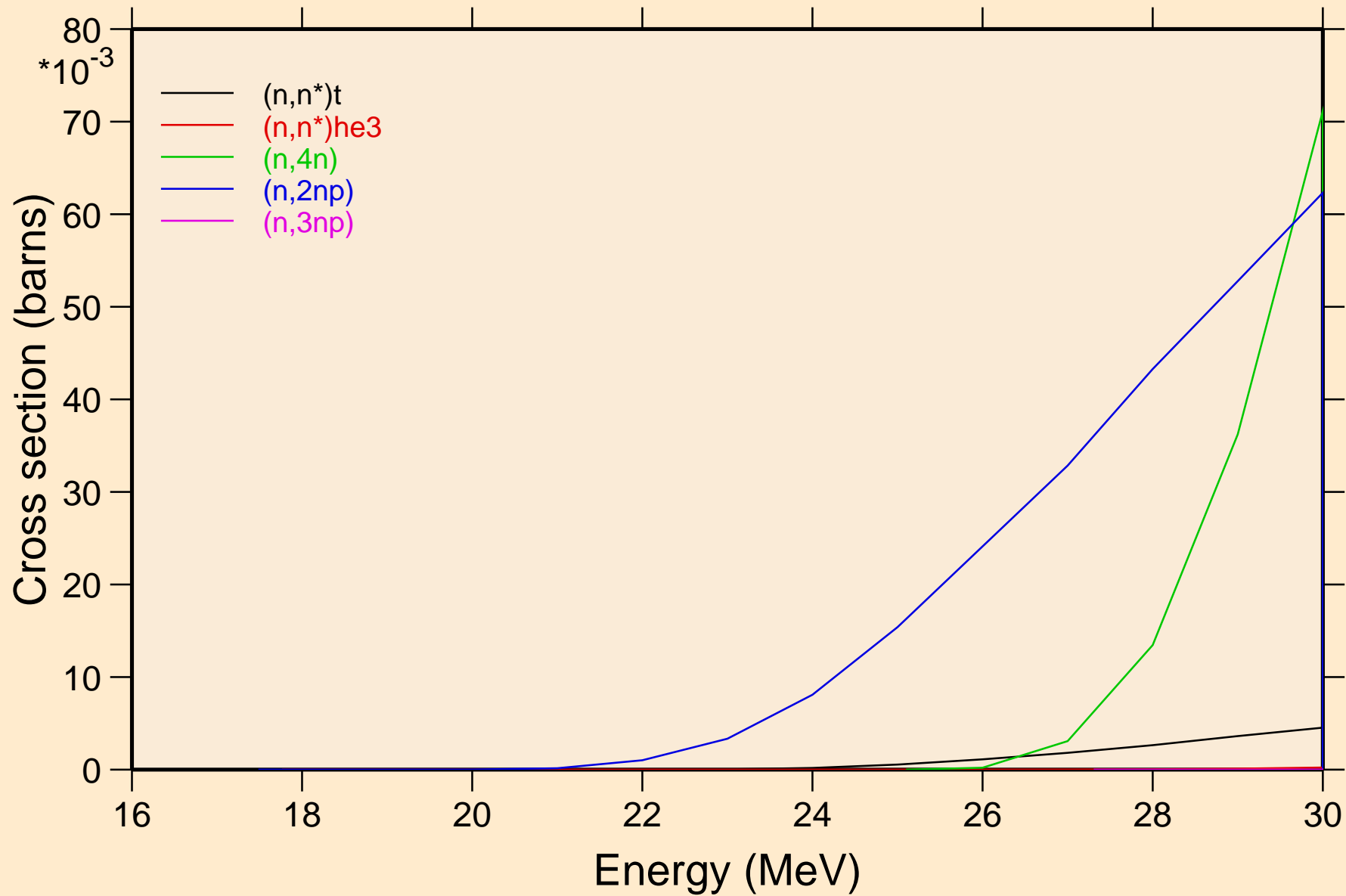
# SE079M NRG TENDL-2015, AKONING

## Threshold reactions



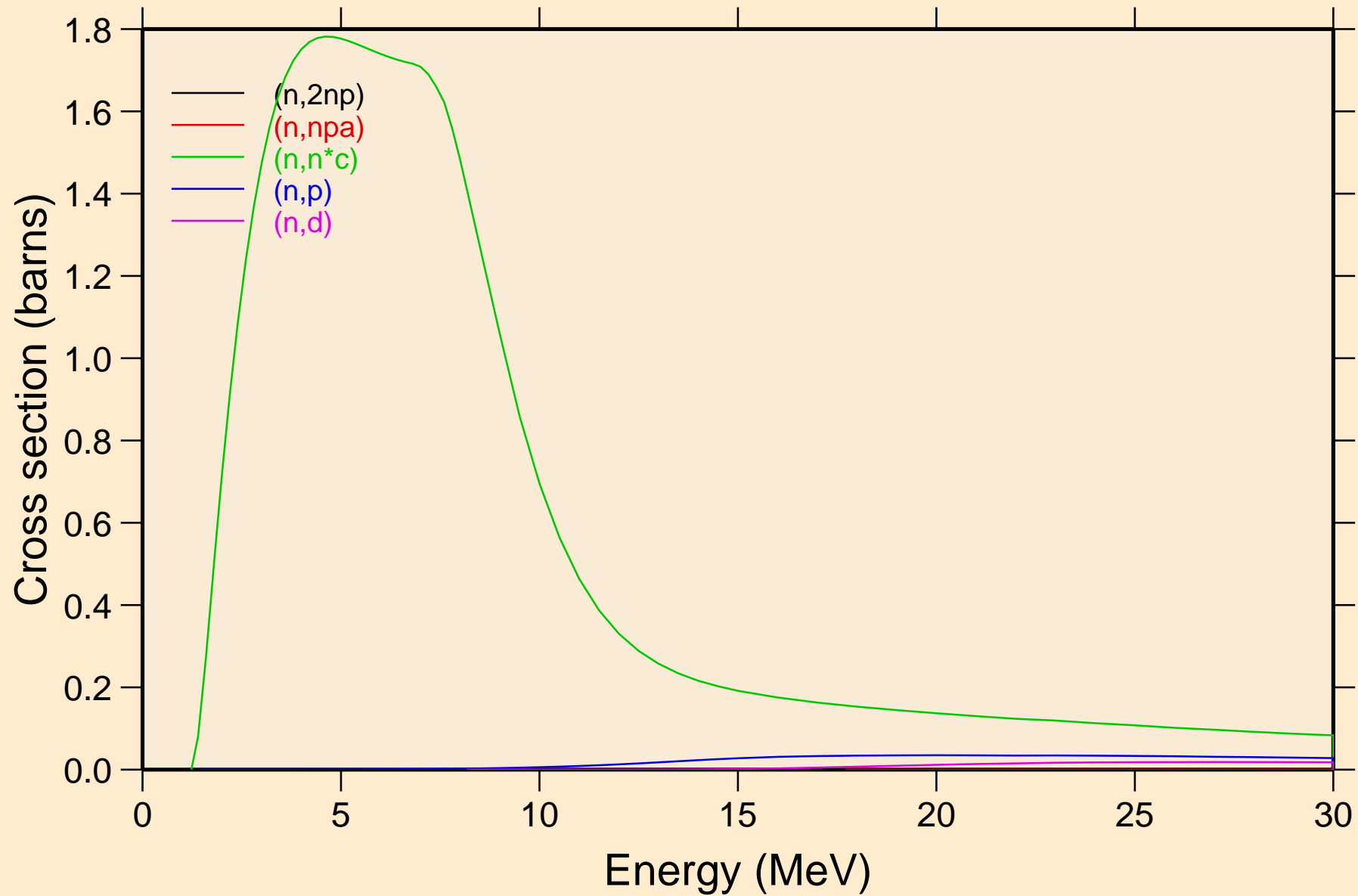
# SE079M NRG TENDL-2015, AKONING

## Threshold reactions



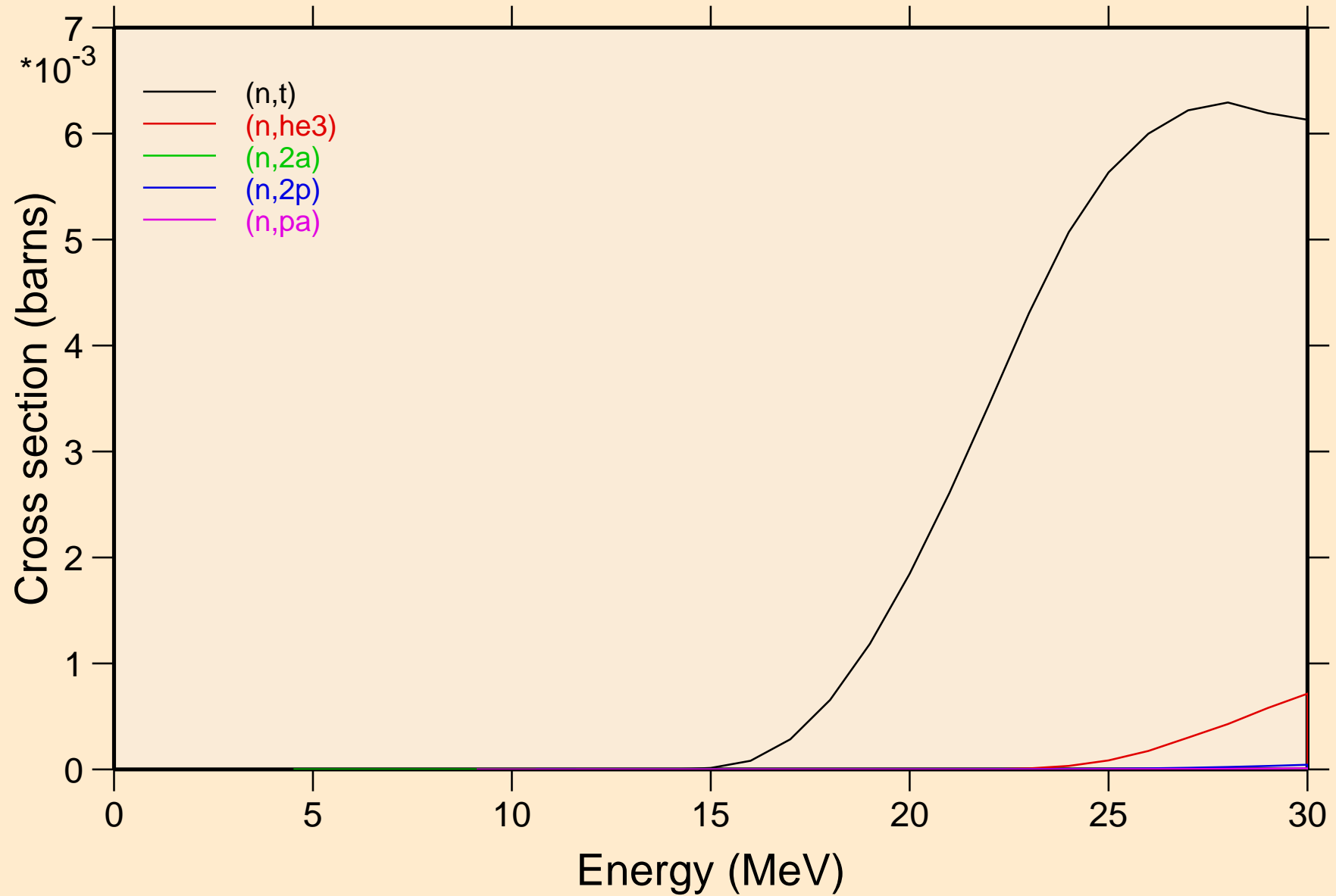
# SE079M NRG TENDL-2015, AKONING

## Threshold reactions



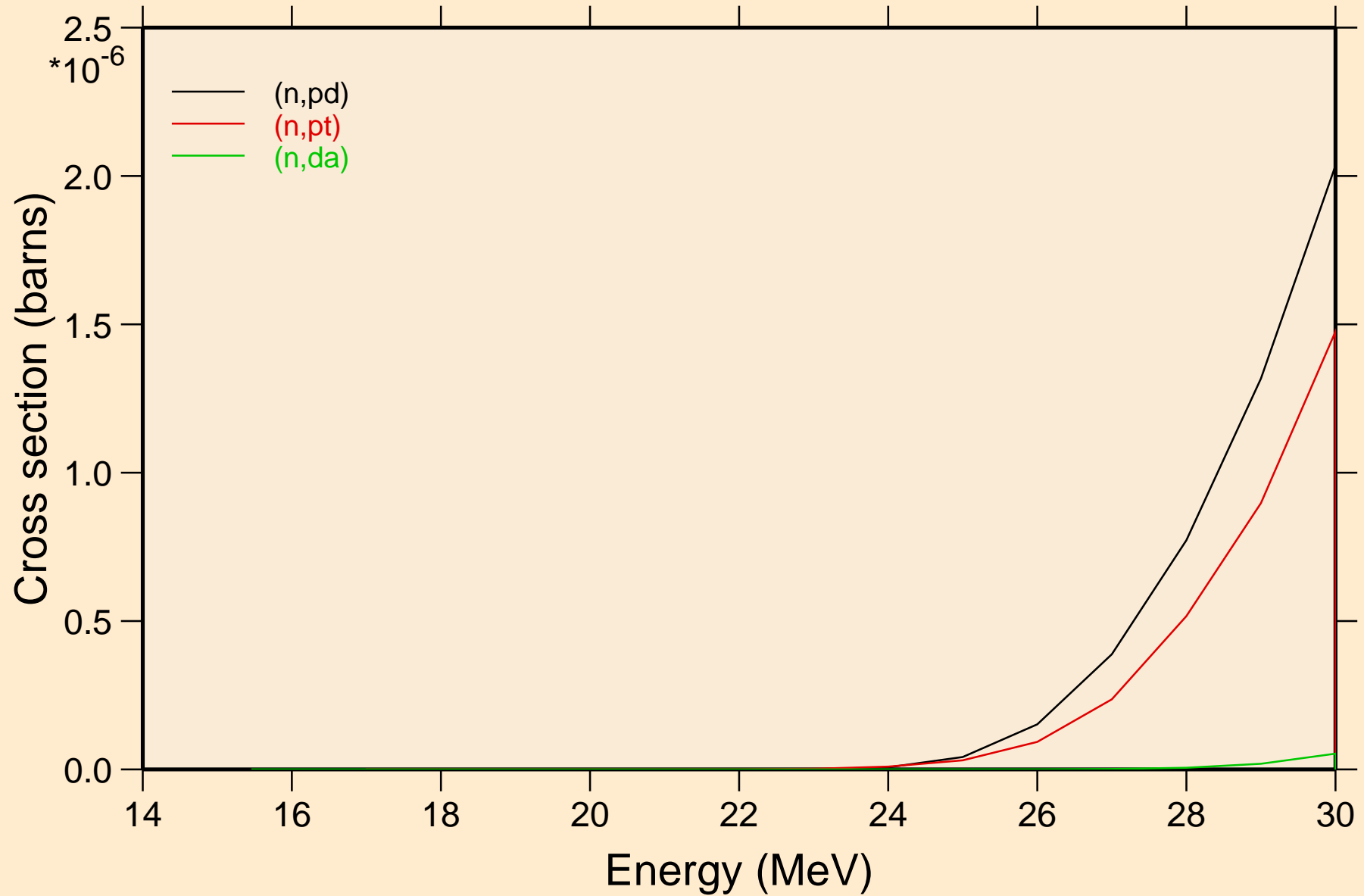
# SE079M NRG TENDL-2015, AKONING

## Threshold reactions



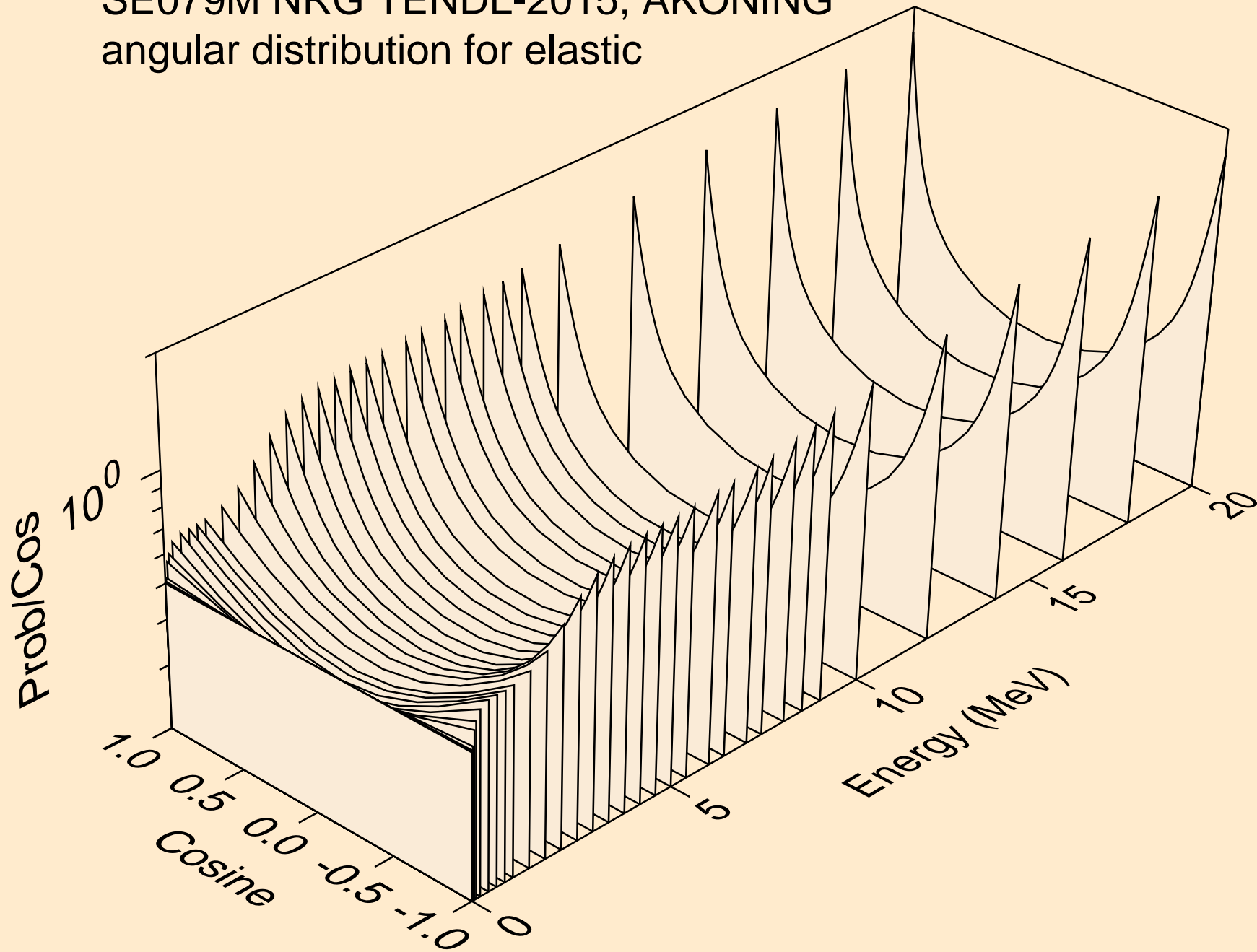
# SE079M NRG TENDL-2015, AKONING

## Threshold reactions

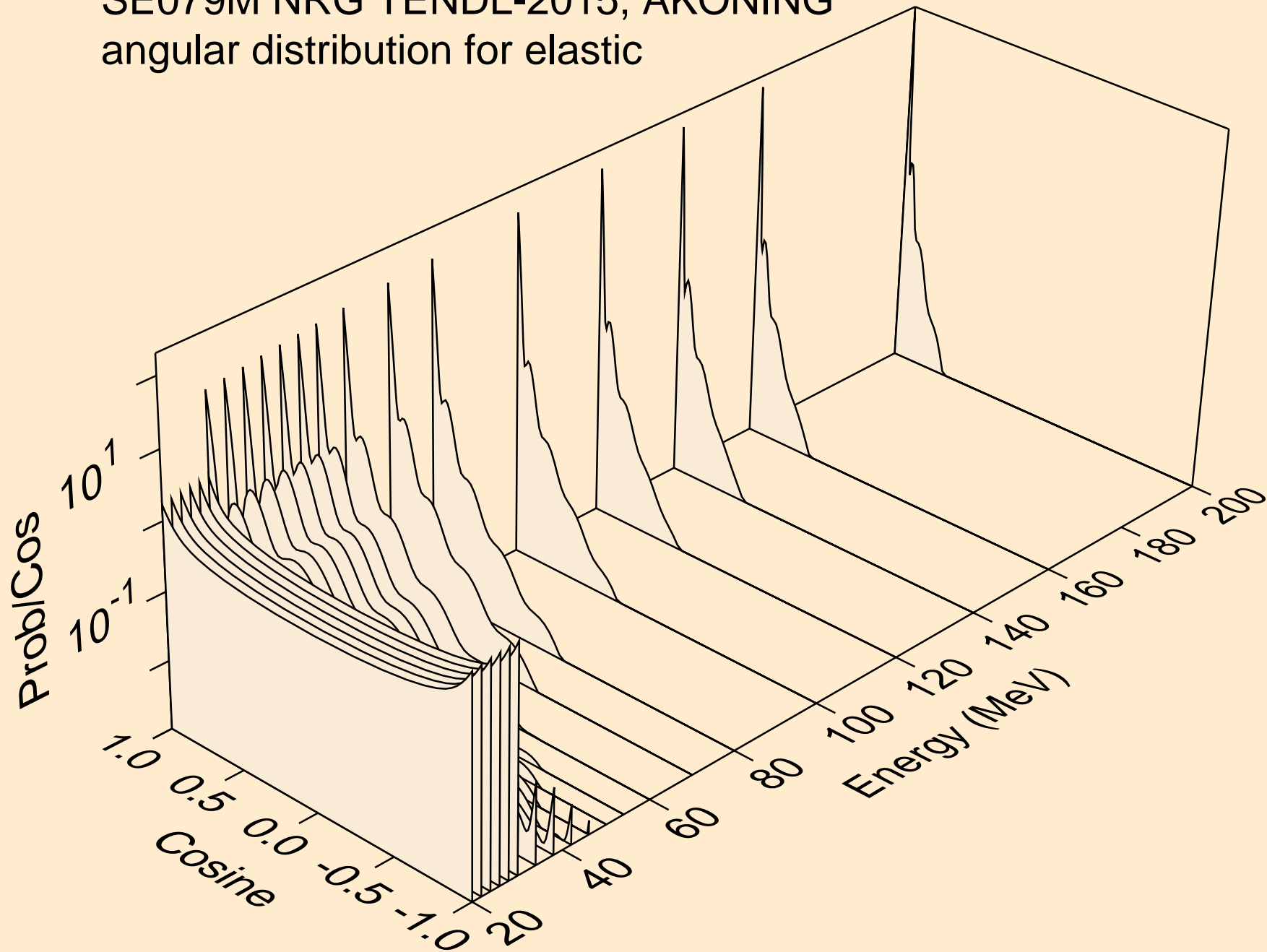




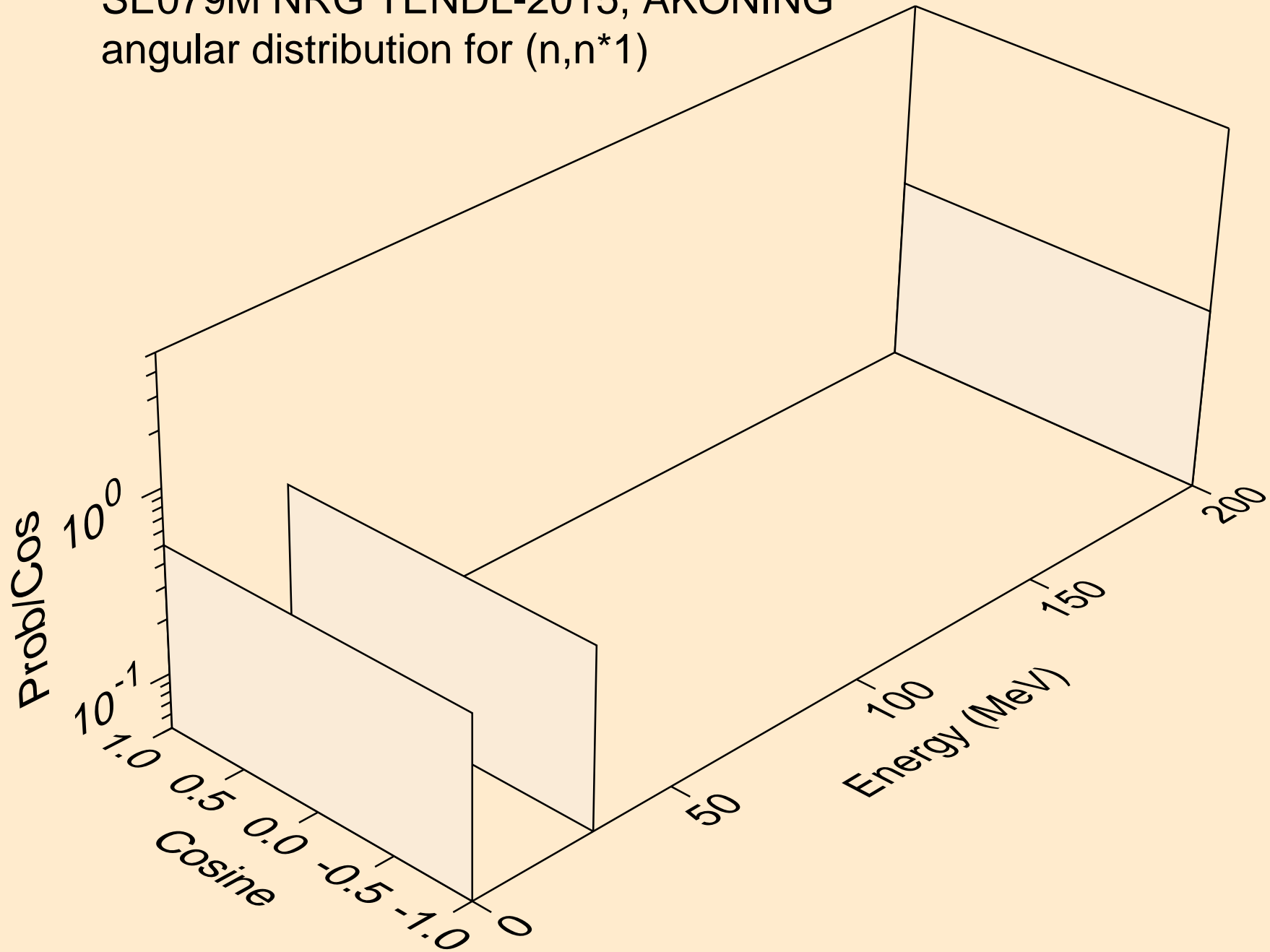
SE079M NRG TENDL-2015, AKONING  
angular distribution for elastic



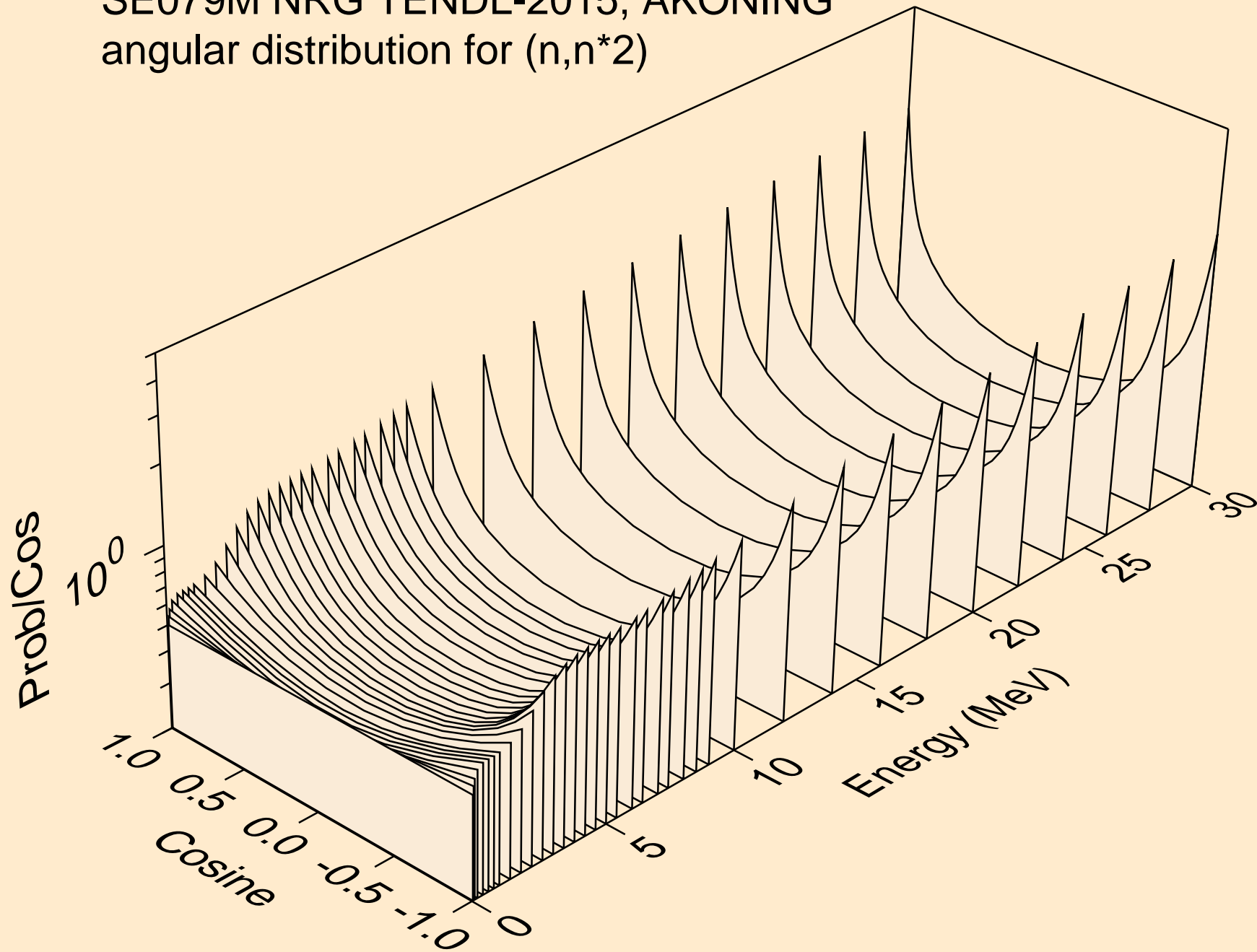
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angular distribution for elastic



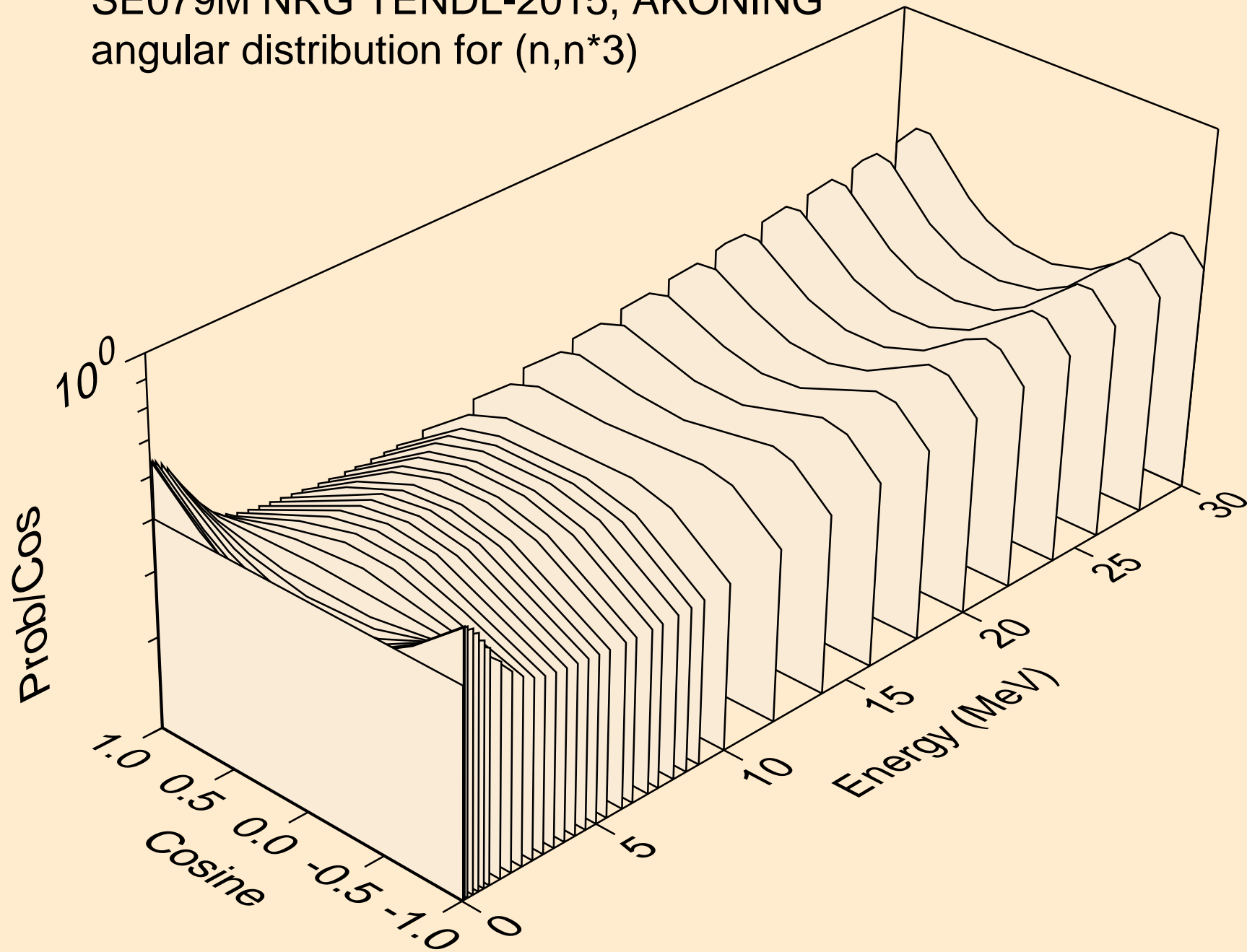
SE079M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



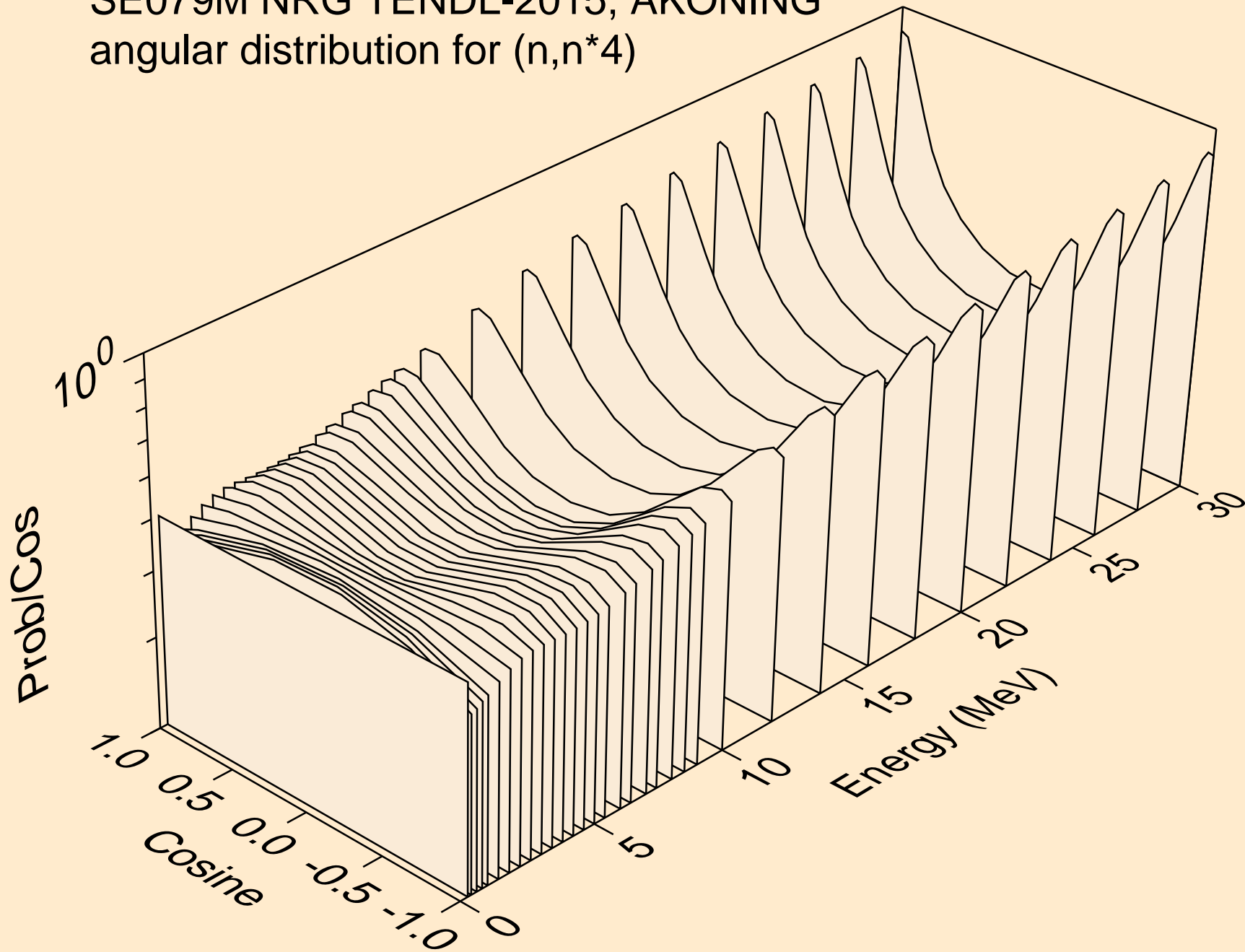
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angular distribution for (n,n\*2)



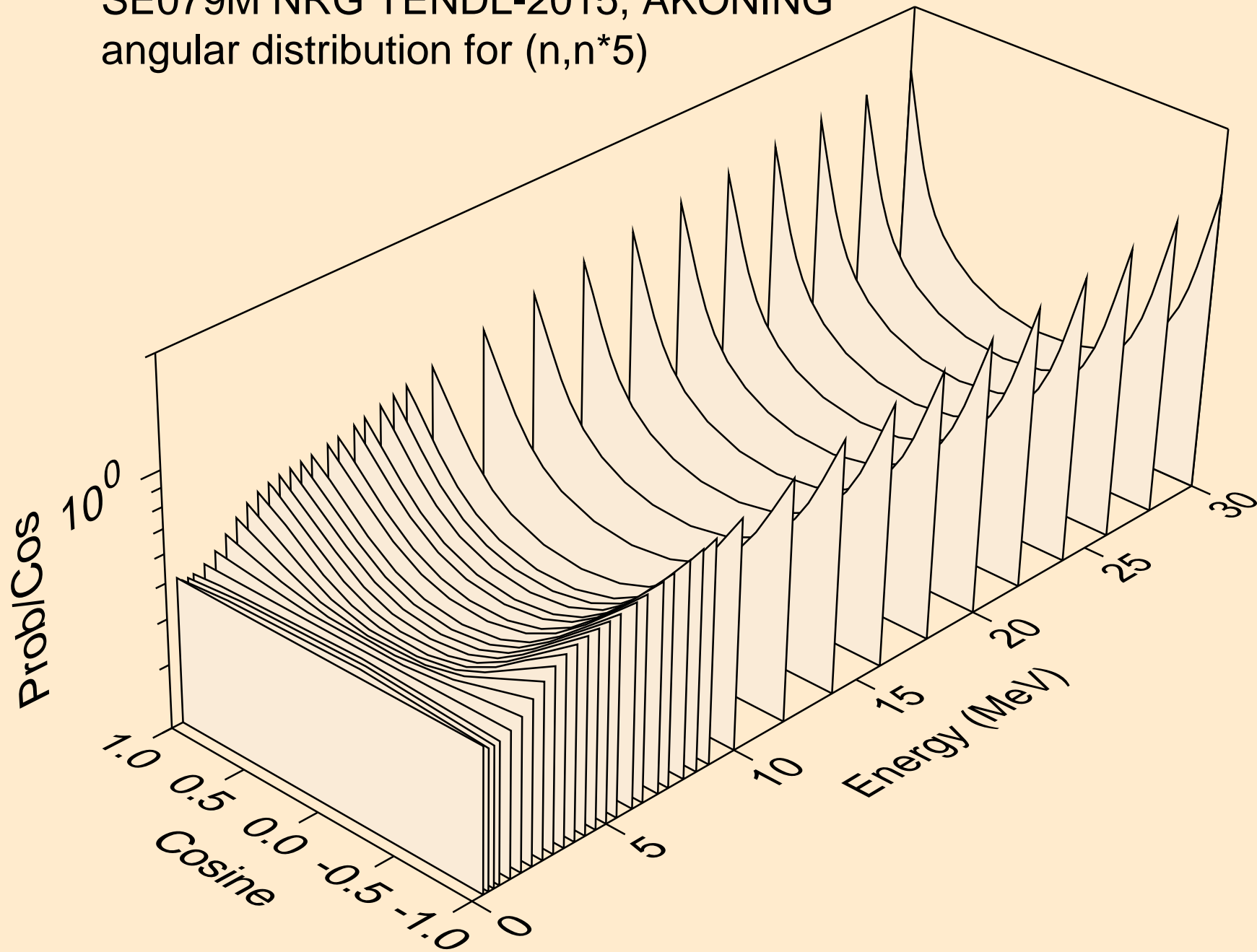
SE079M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



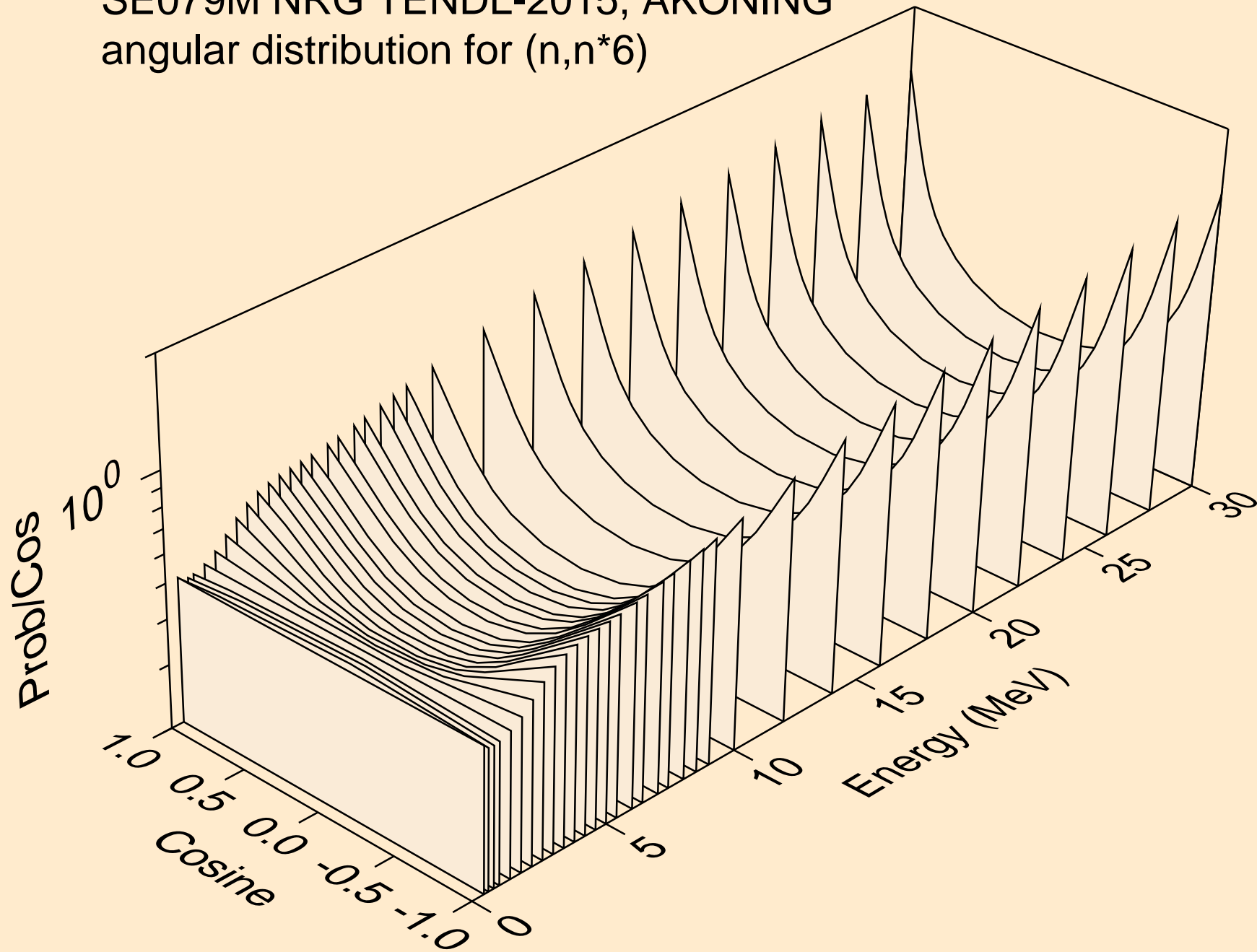
SE079M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



SE079M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

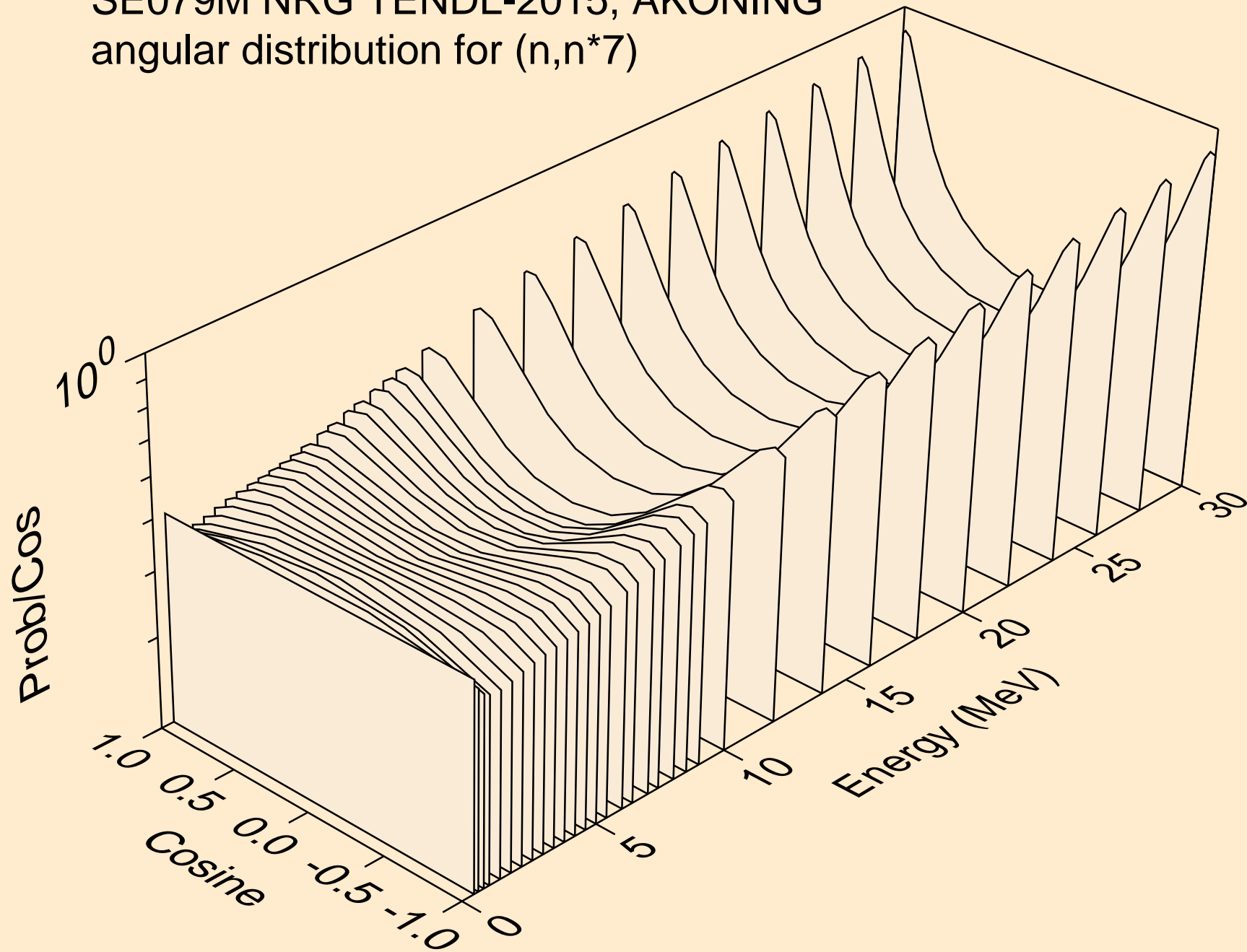


SE079M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

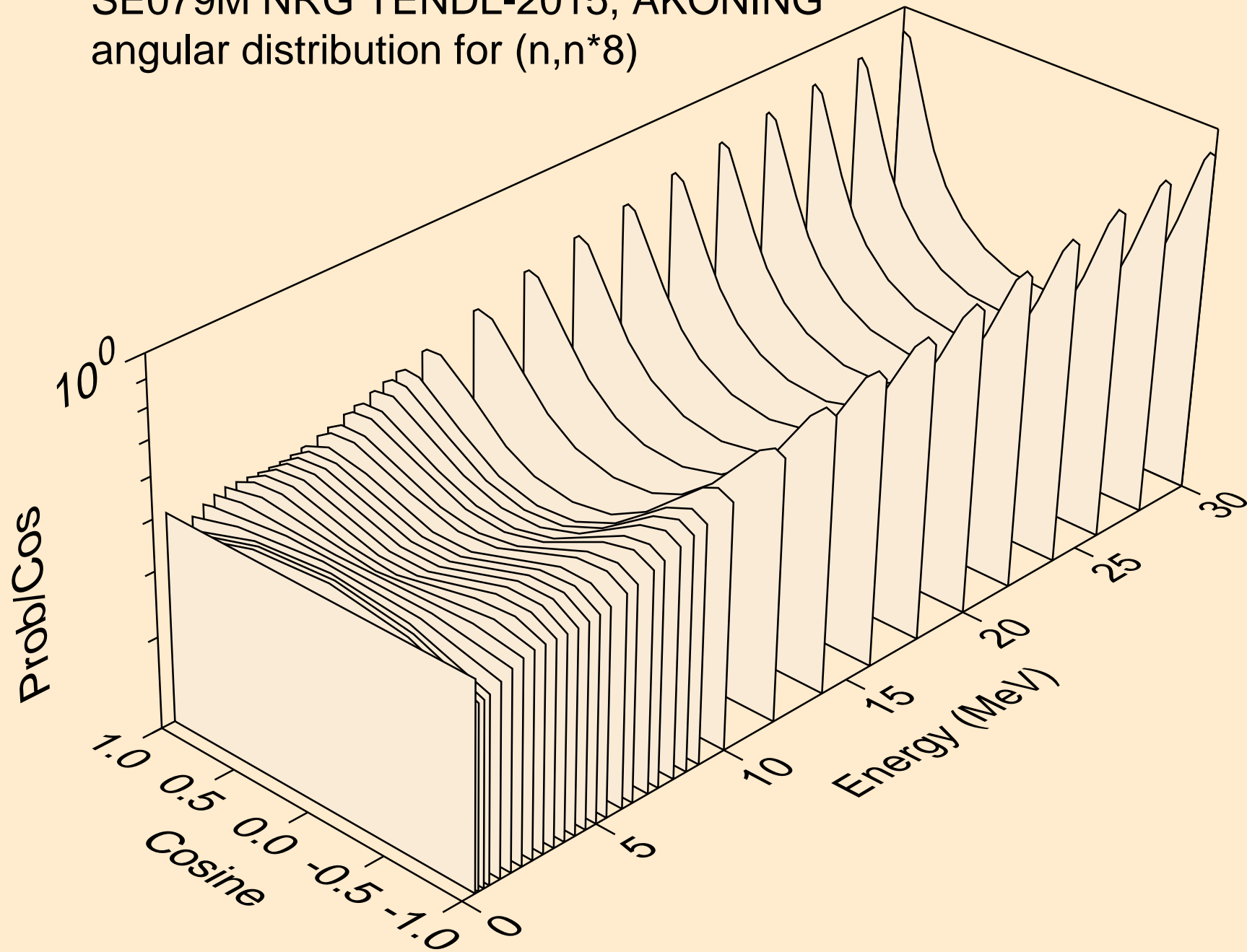




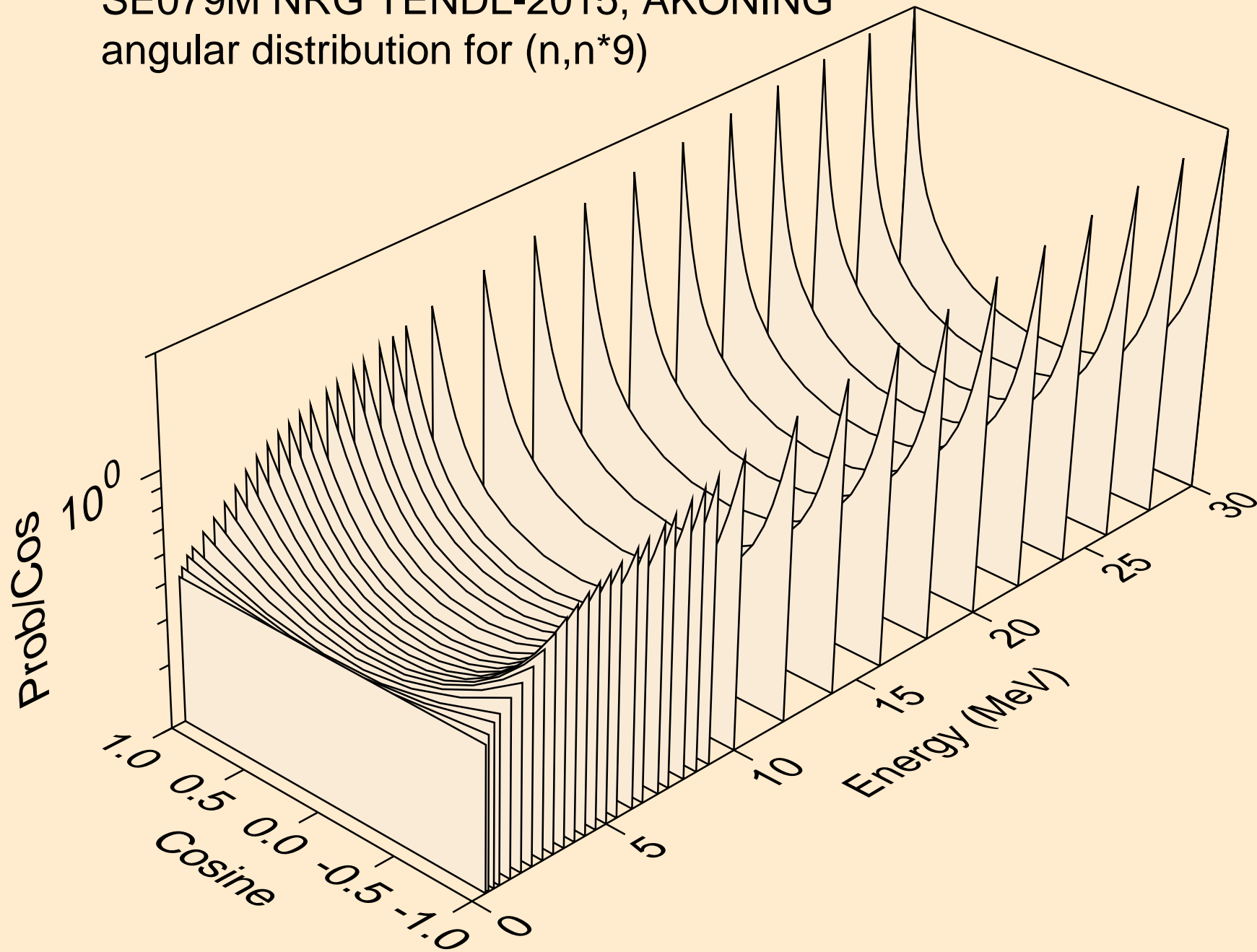
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angular distribution for (n,n\*7)



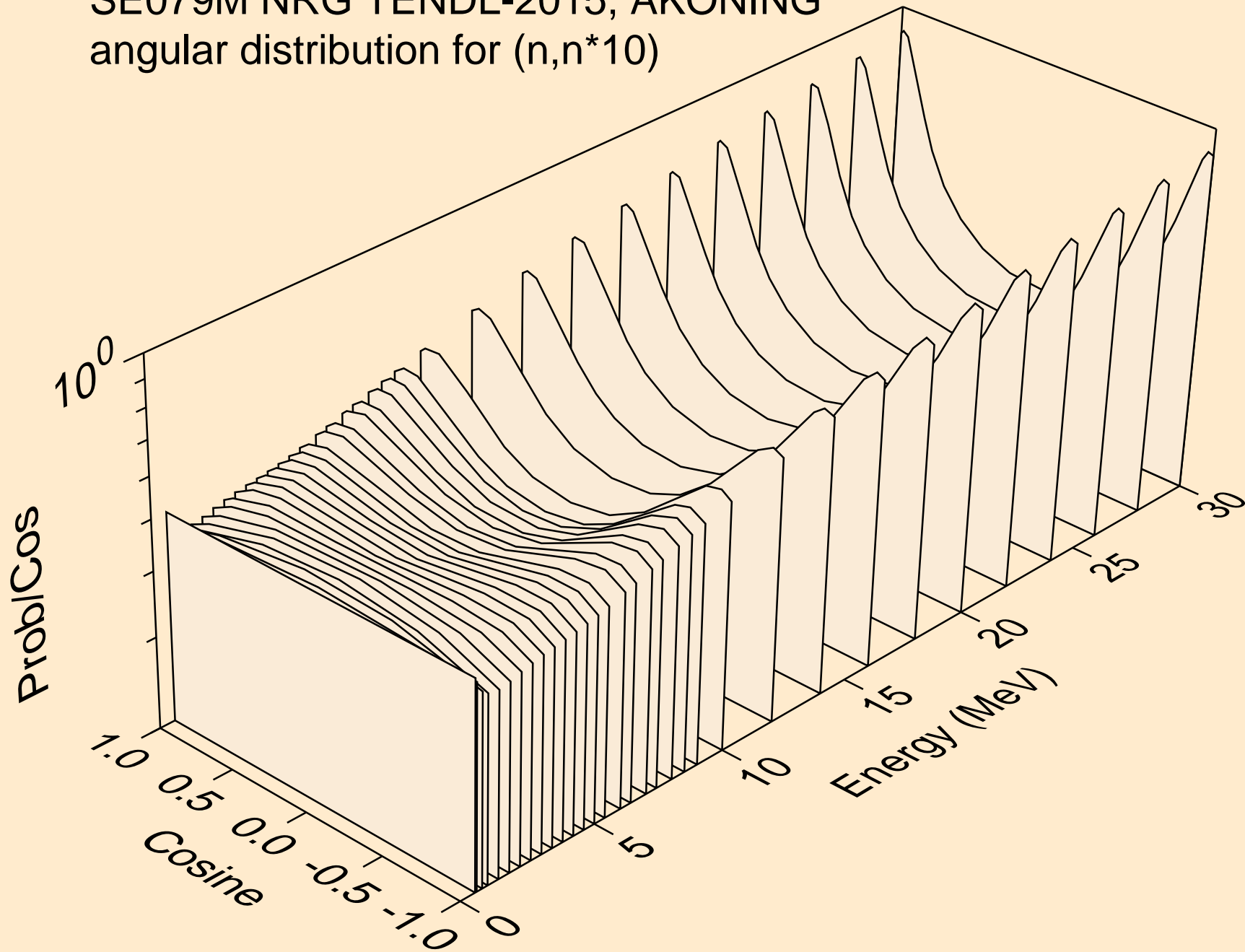
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angular distribution for (n,n\*8)



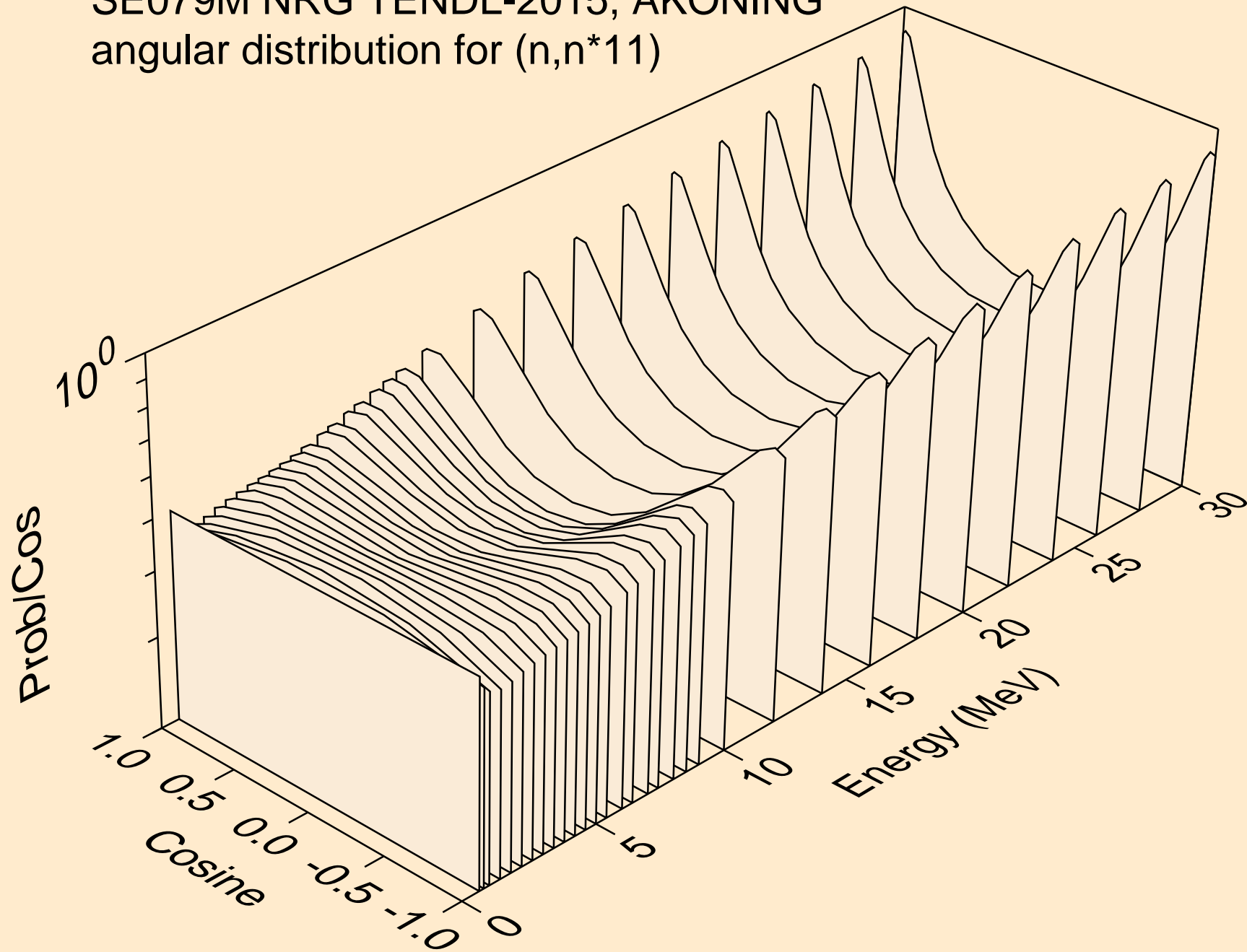
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angular distribution for (n,n\*9)



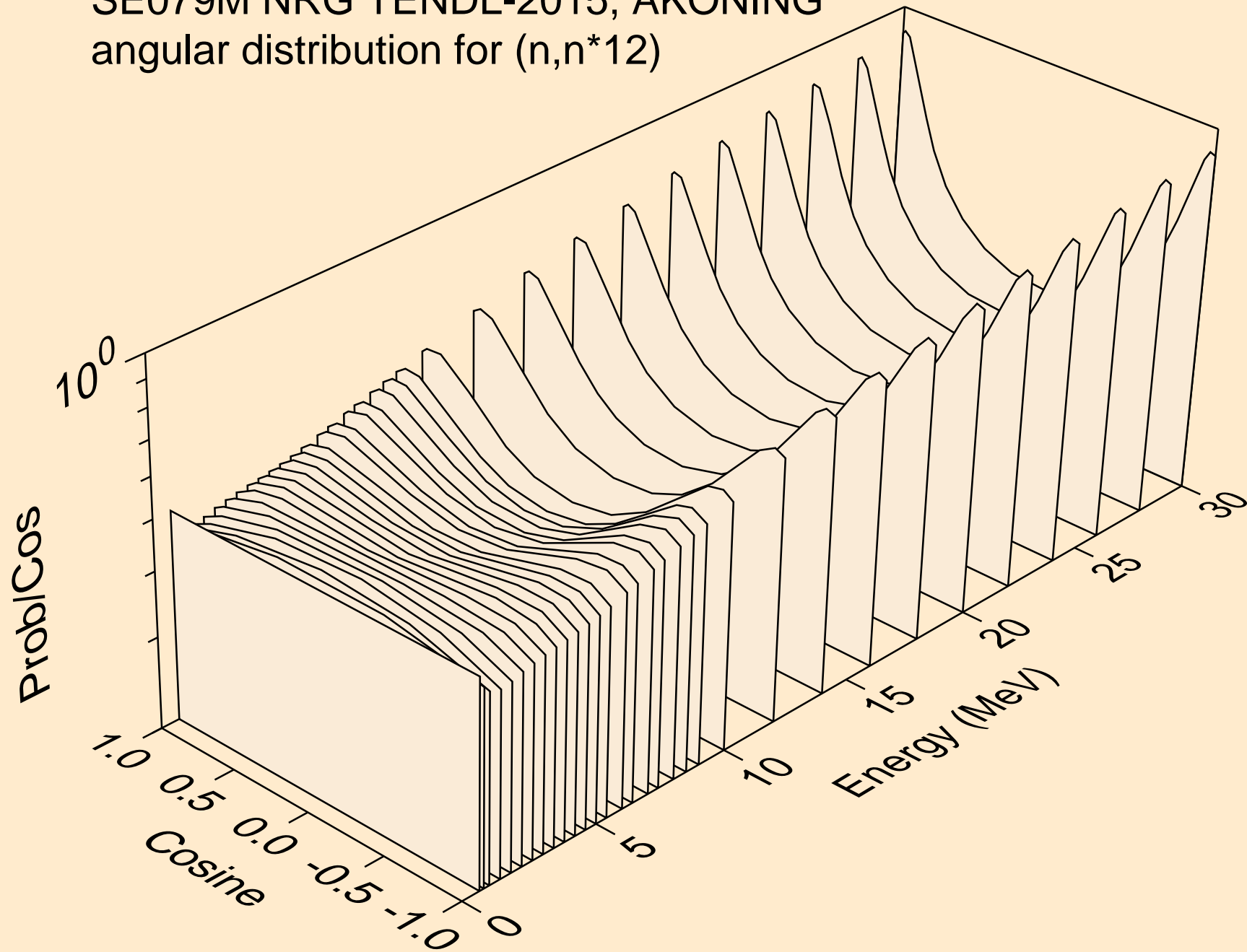
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angular distribution for (n,n\*10)



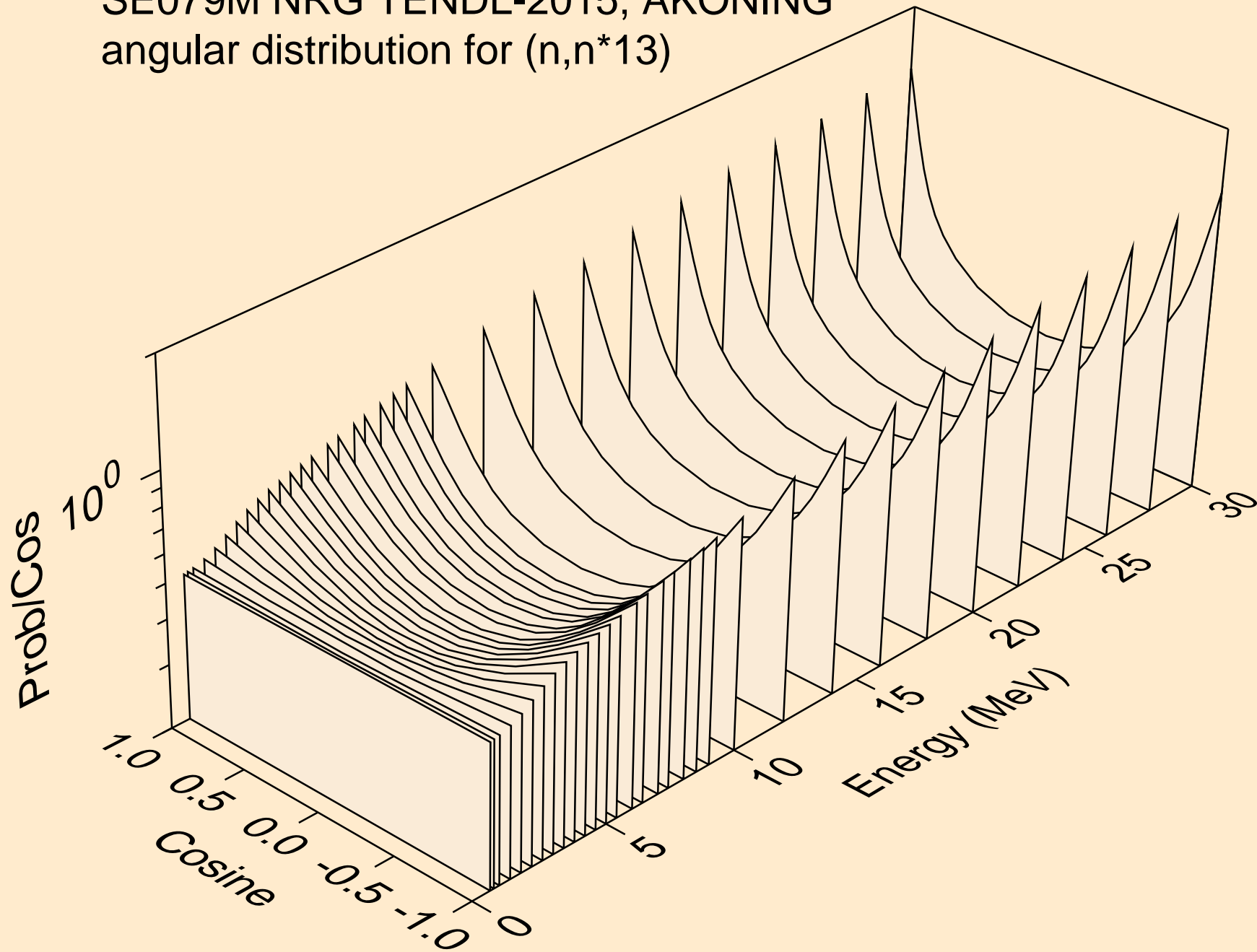
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angular distribution for (n,n\*11)



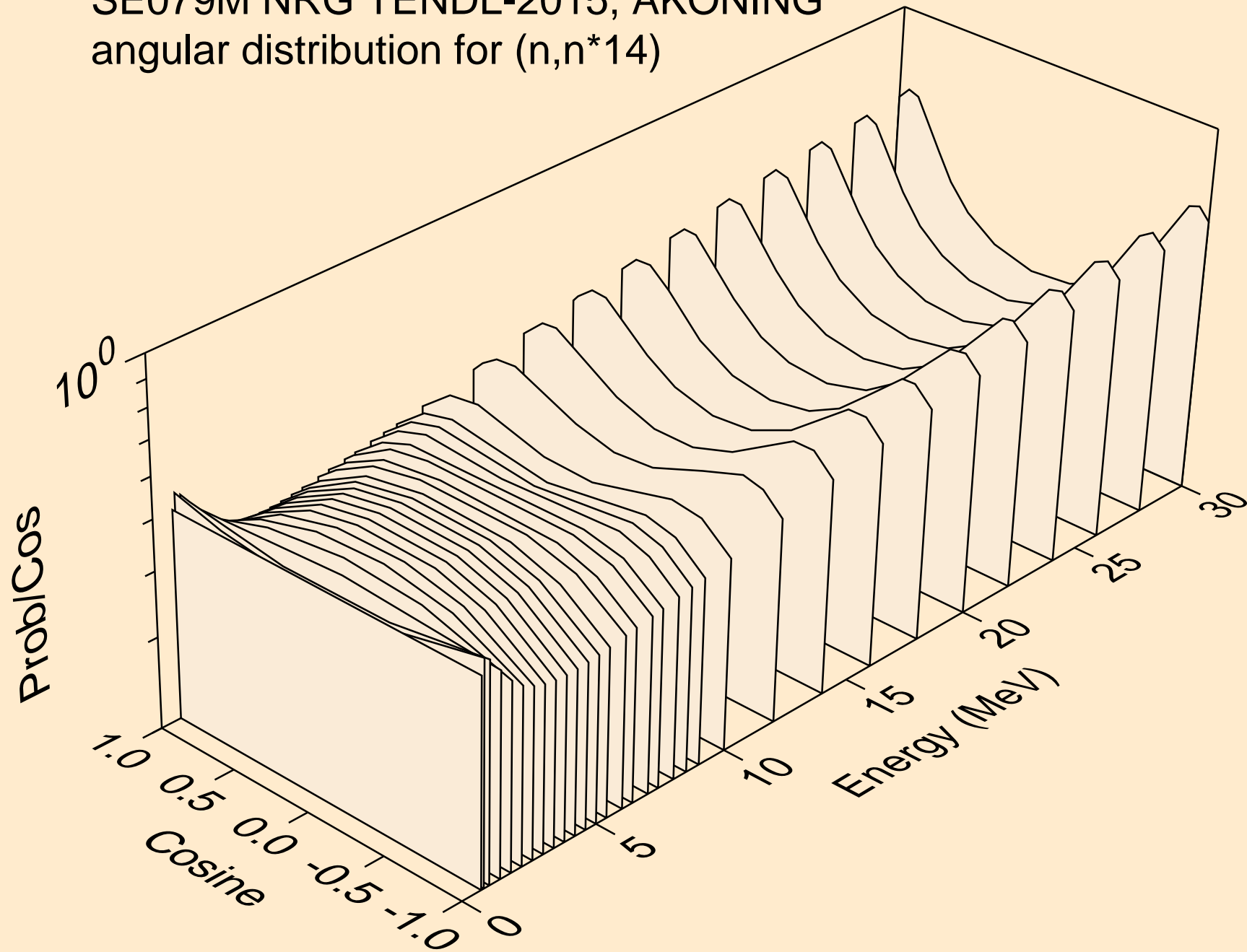
SE079M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



SE079M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

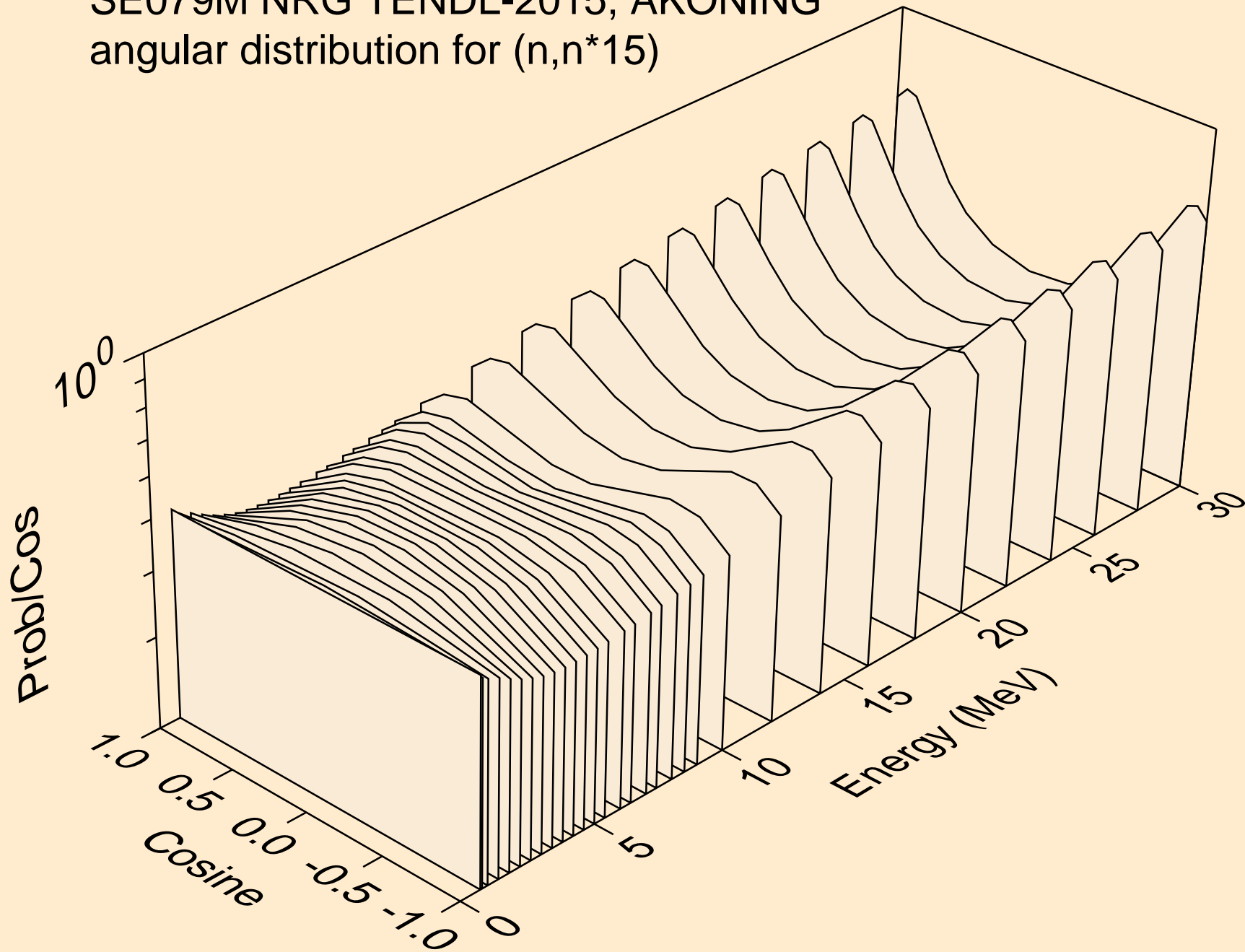


SE079M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

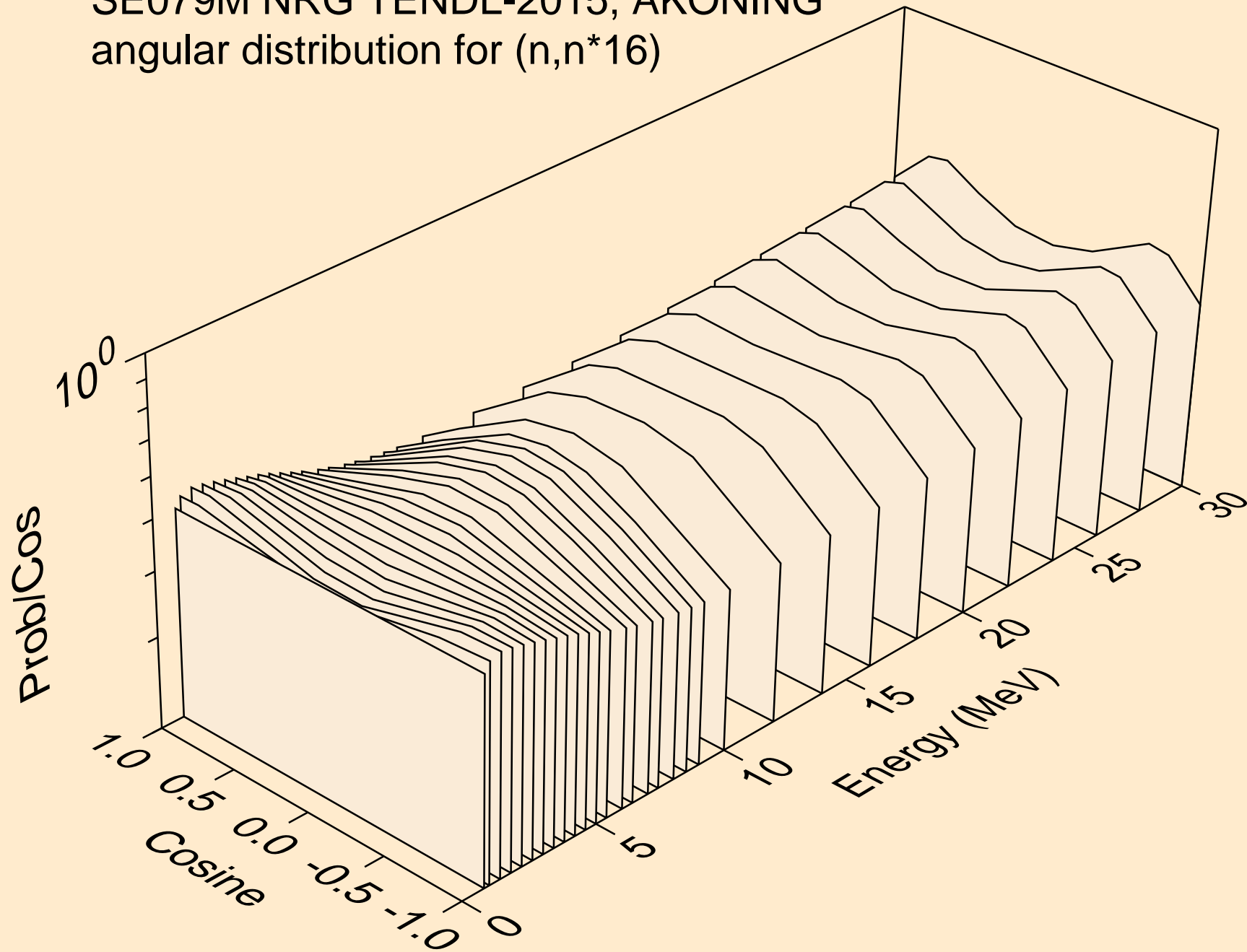




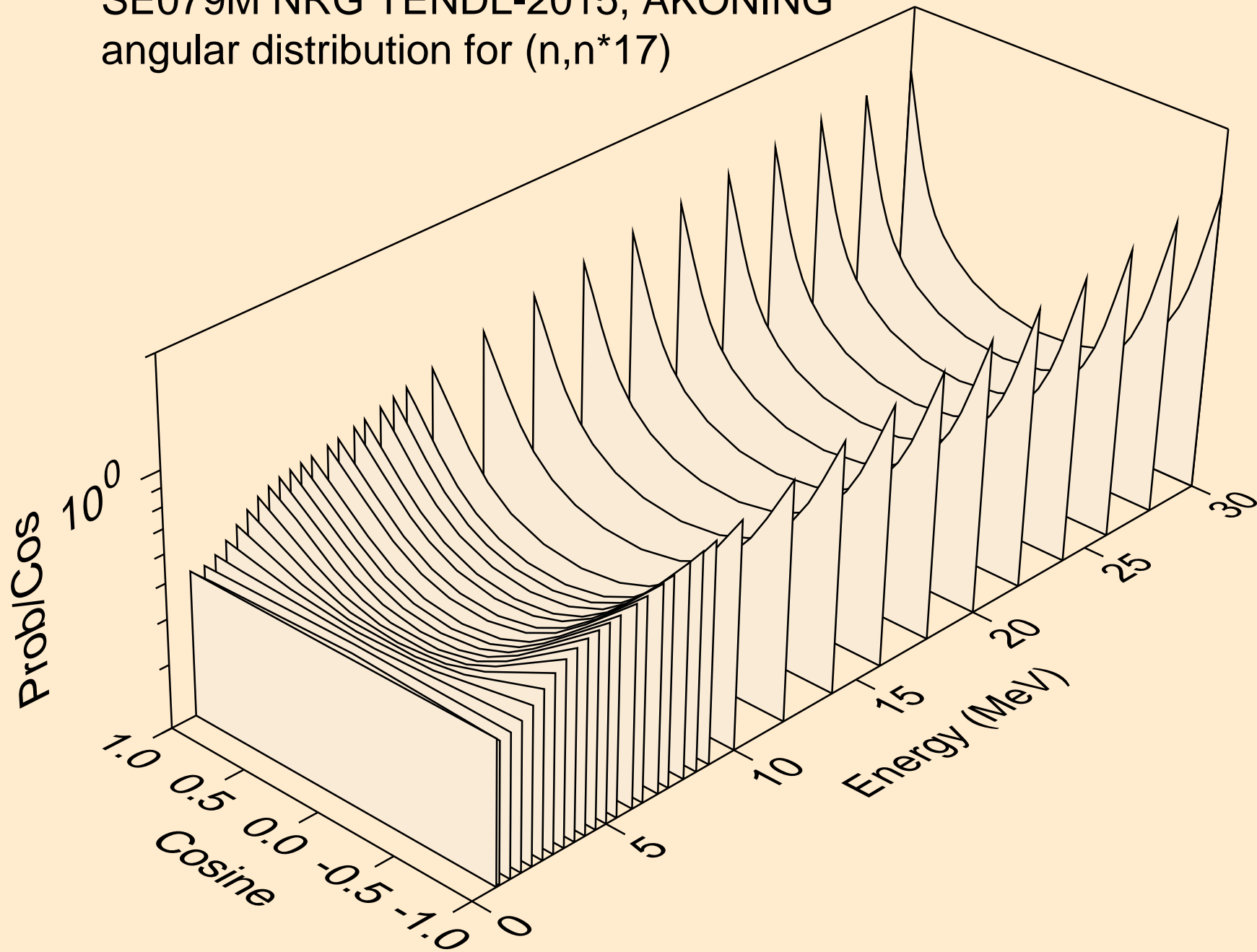
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angular distribution for (n,n\*15)



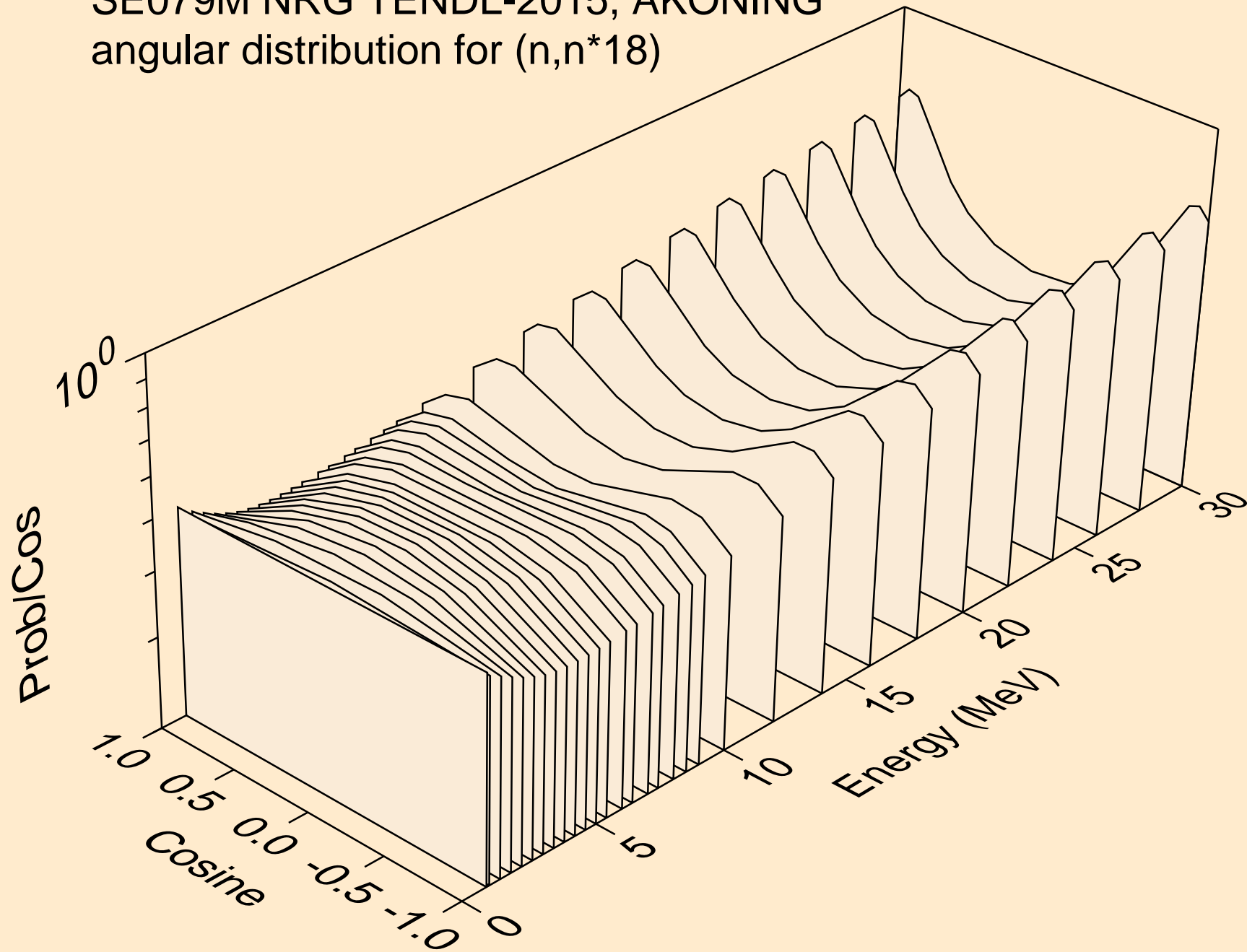
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angular distribution for (n,n\*16)



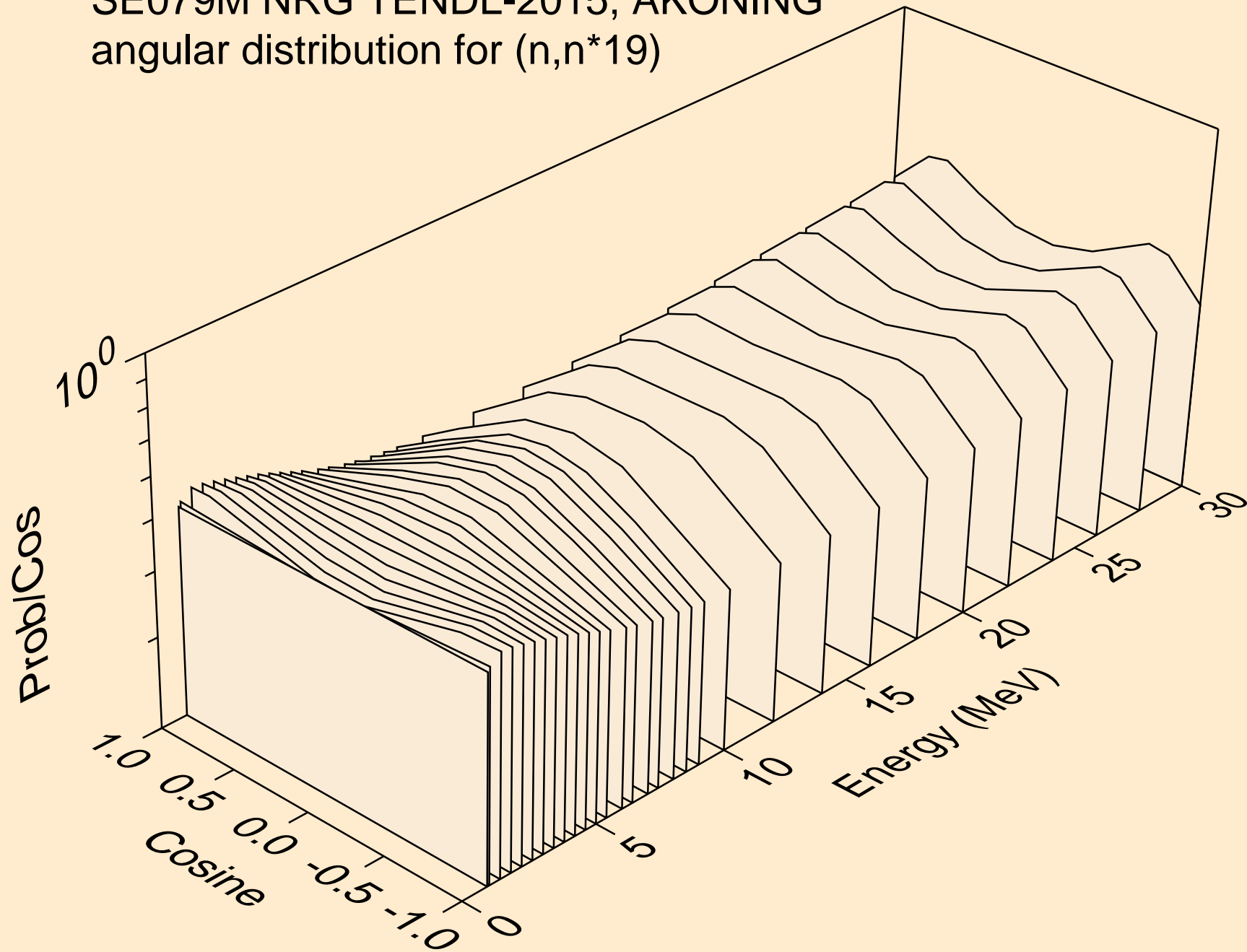
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angular distribution for (n,n\*17)



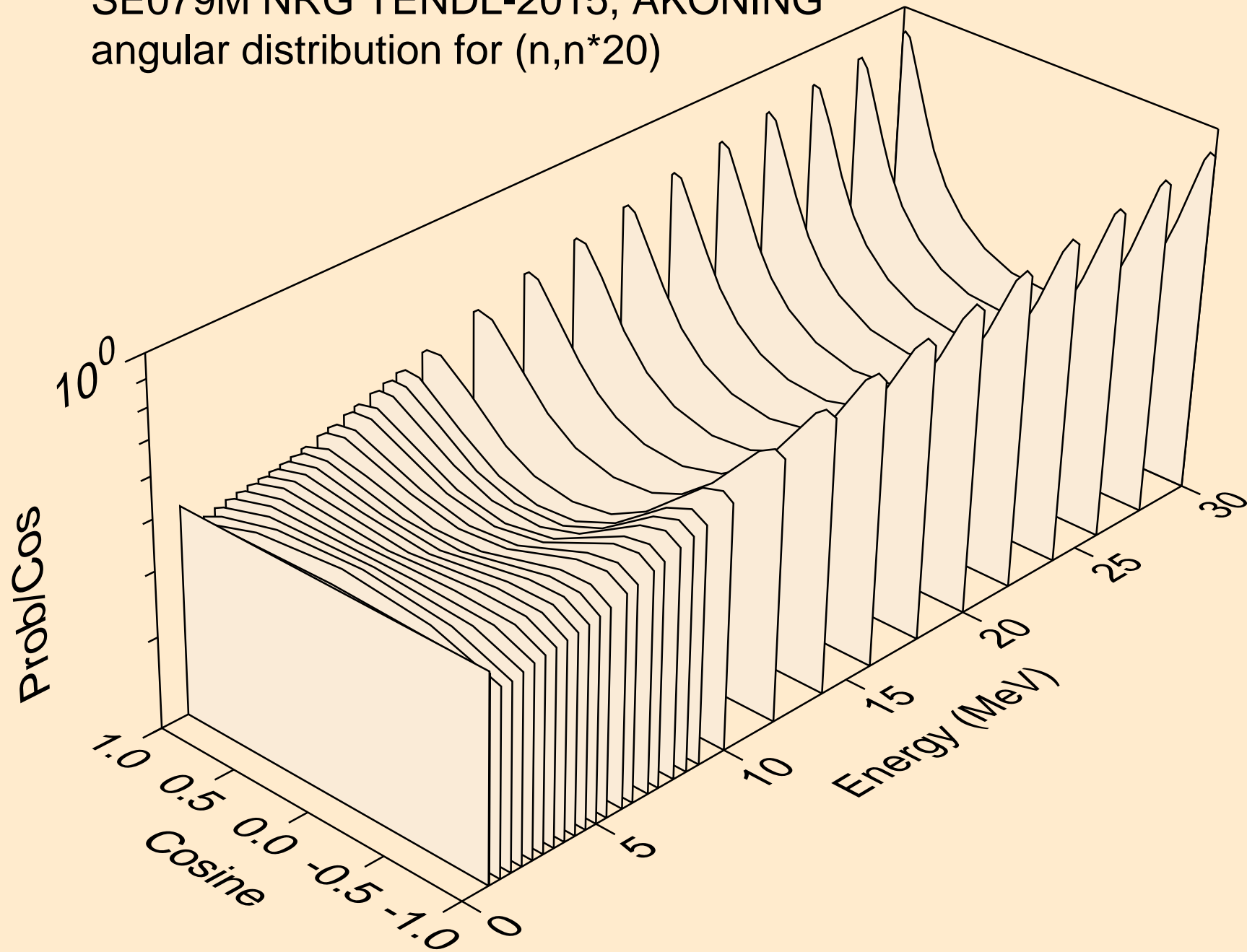
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angular distribution for (n,n\*18)



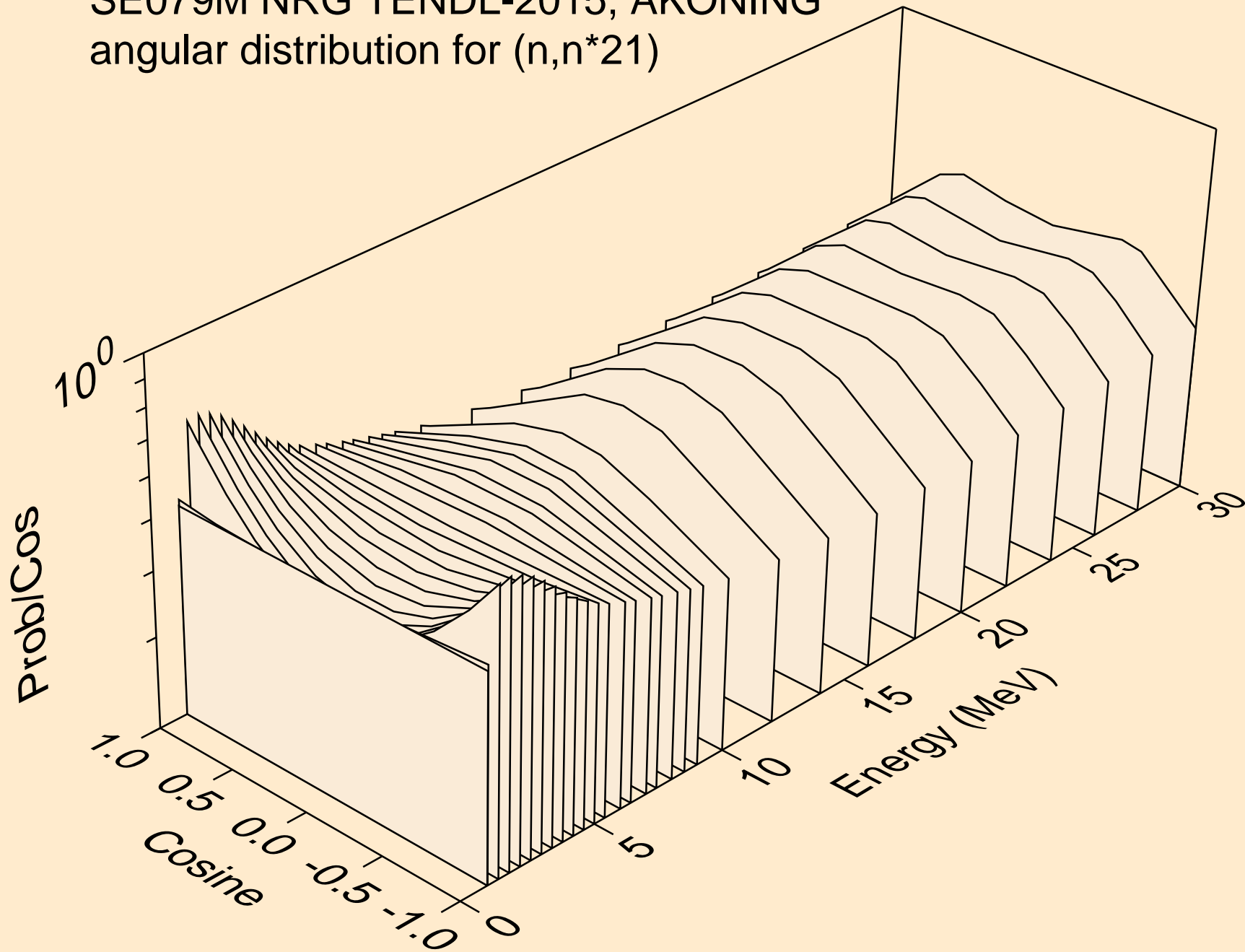
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angular distribution for (n,n\*19)



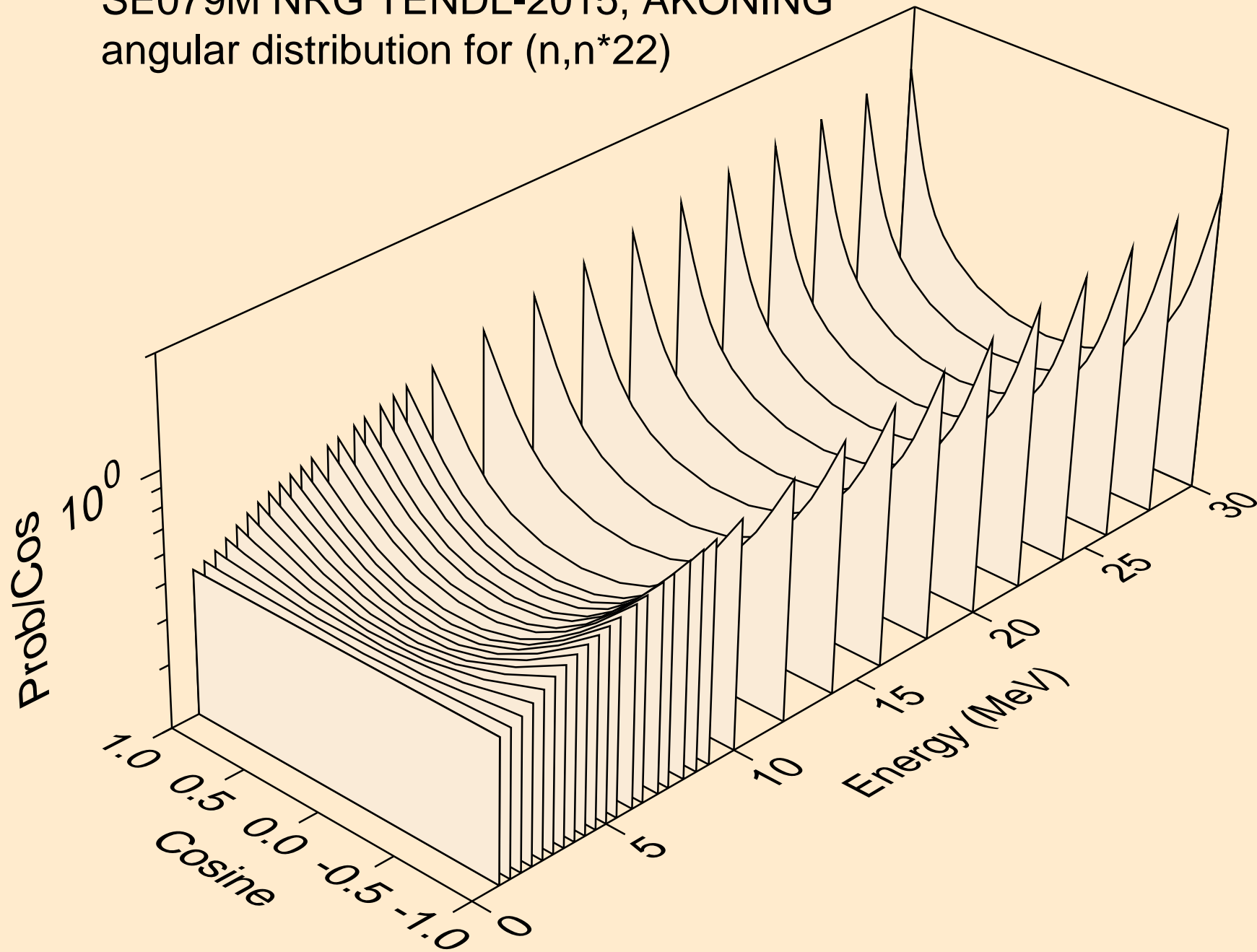
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angular distribution for (n,n\*20)



SE079M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

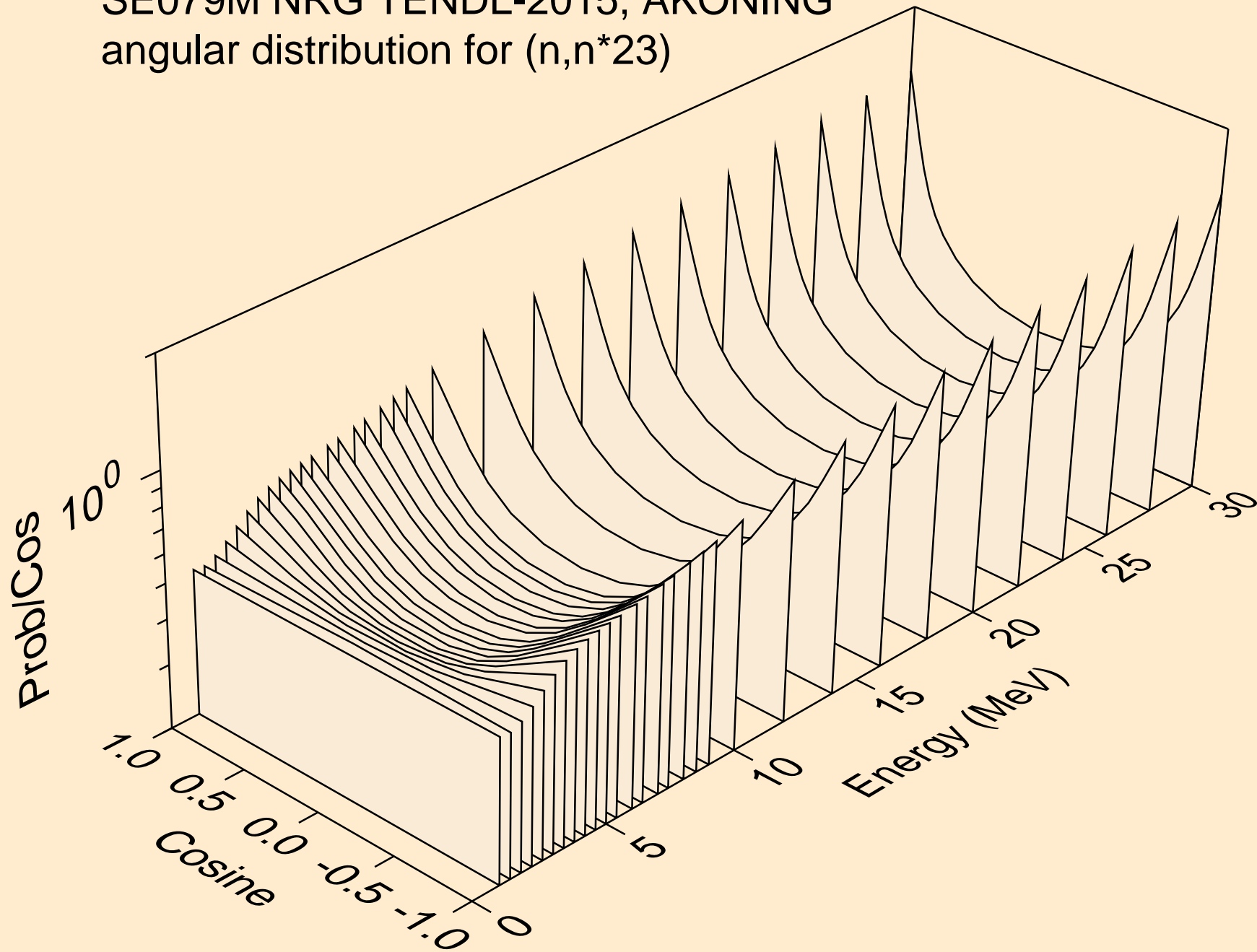


SE079M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

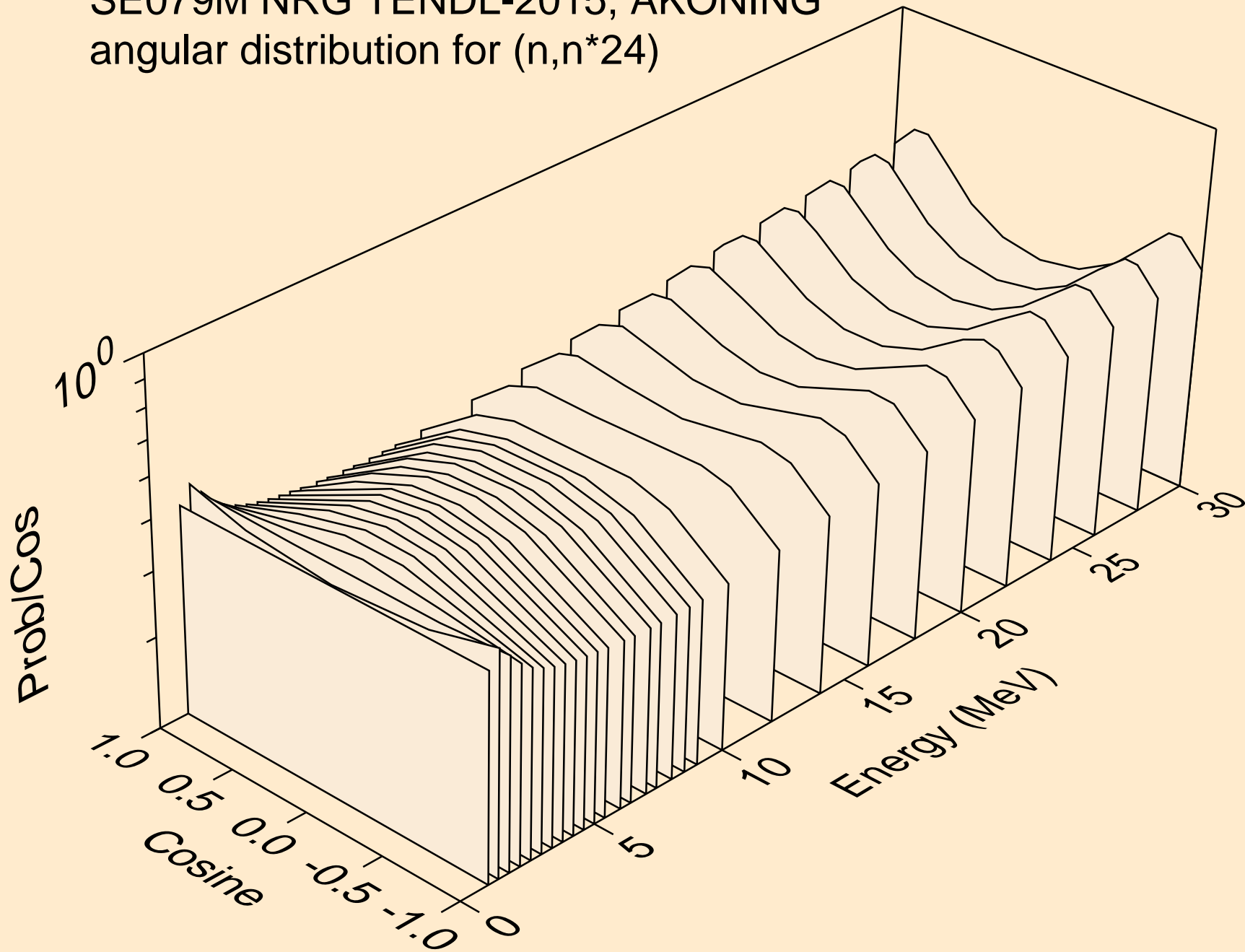




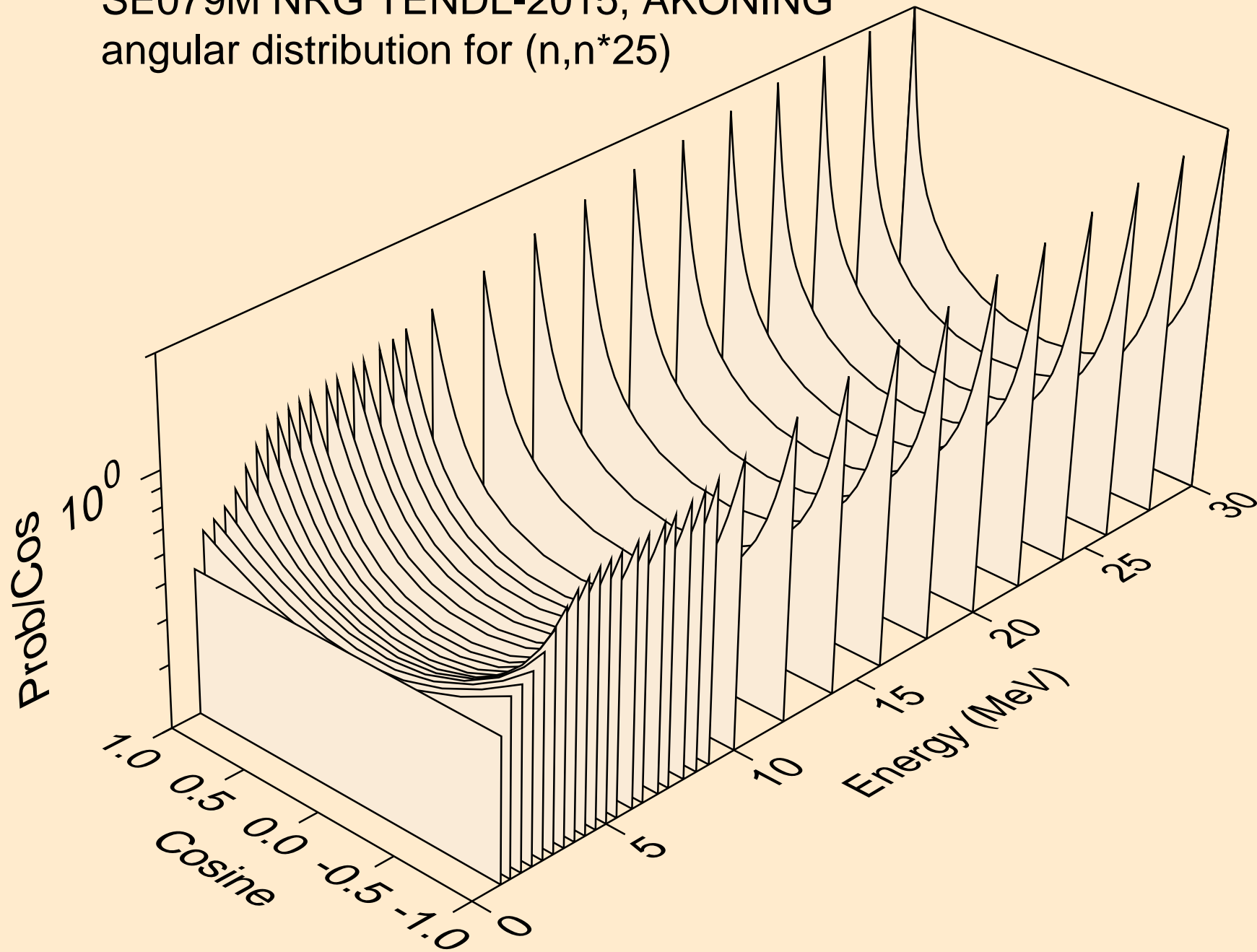
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angular distribution for (n,n\*23)



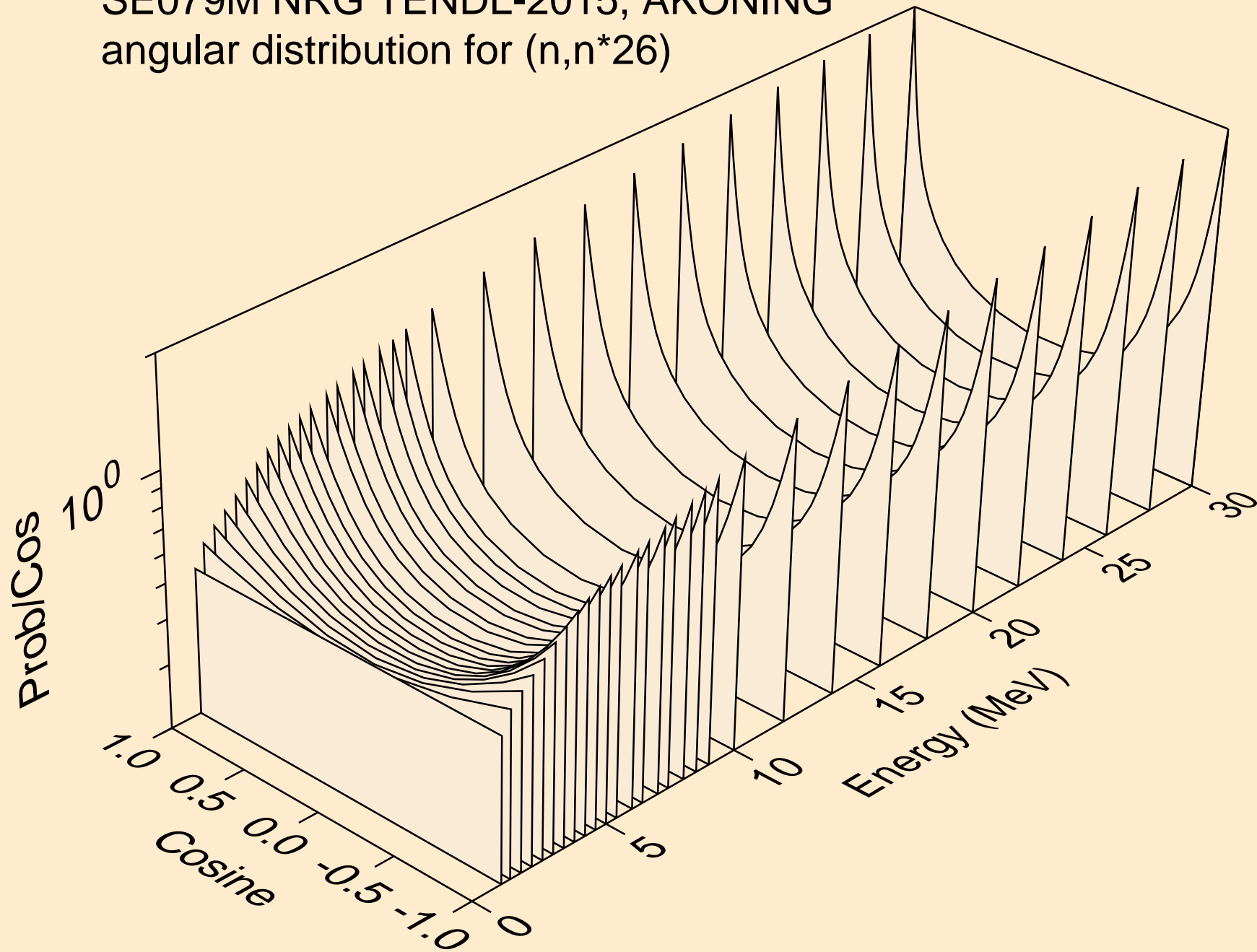
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angular distribution for (n,n\*24)



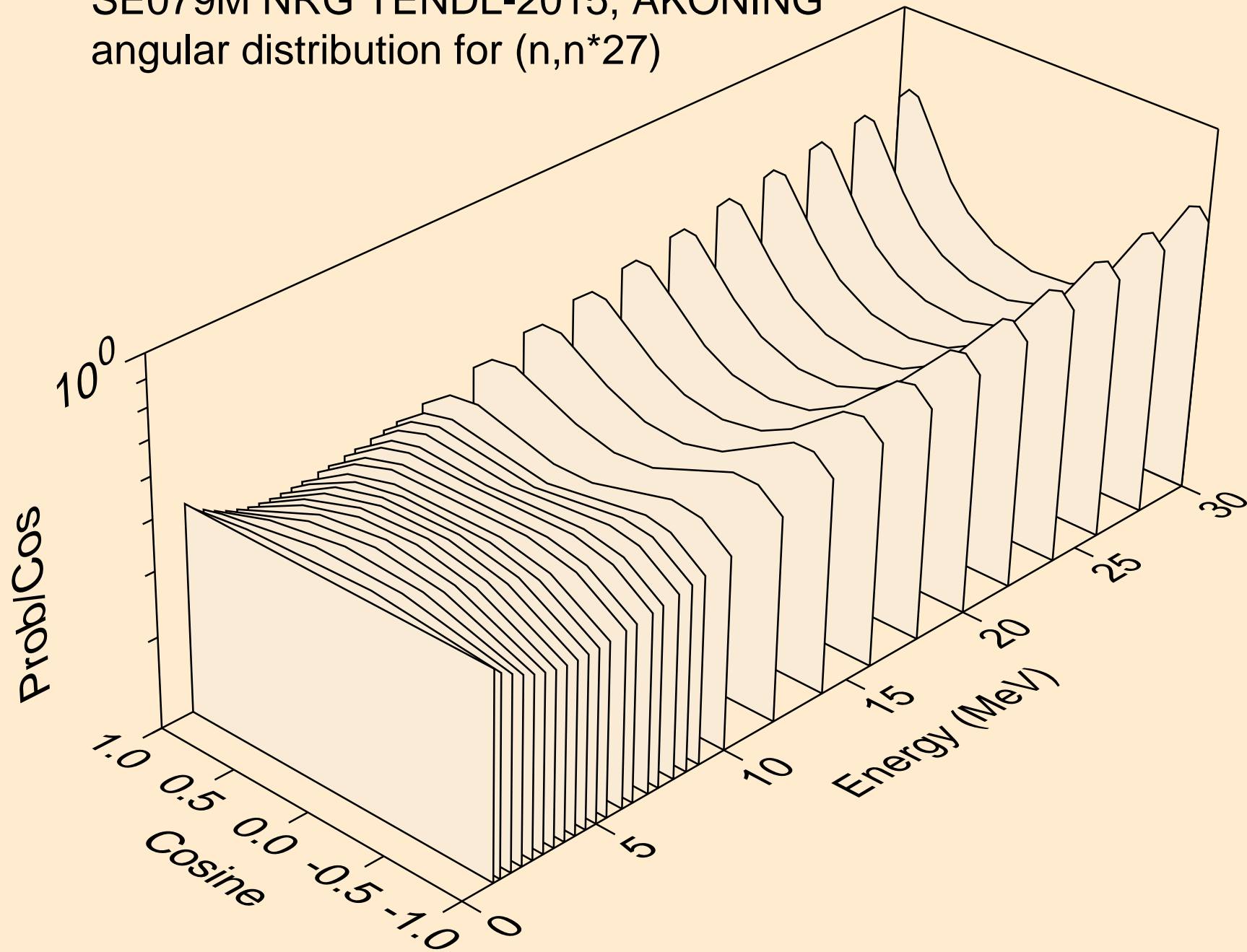
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angular distribution for (n,n\*25)



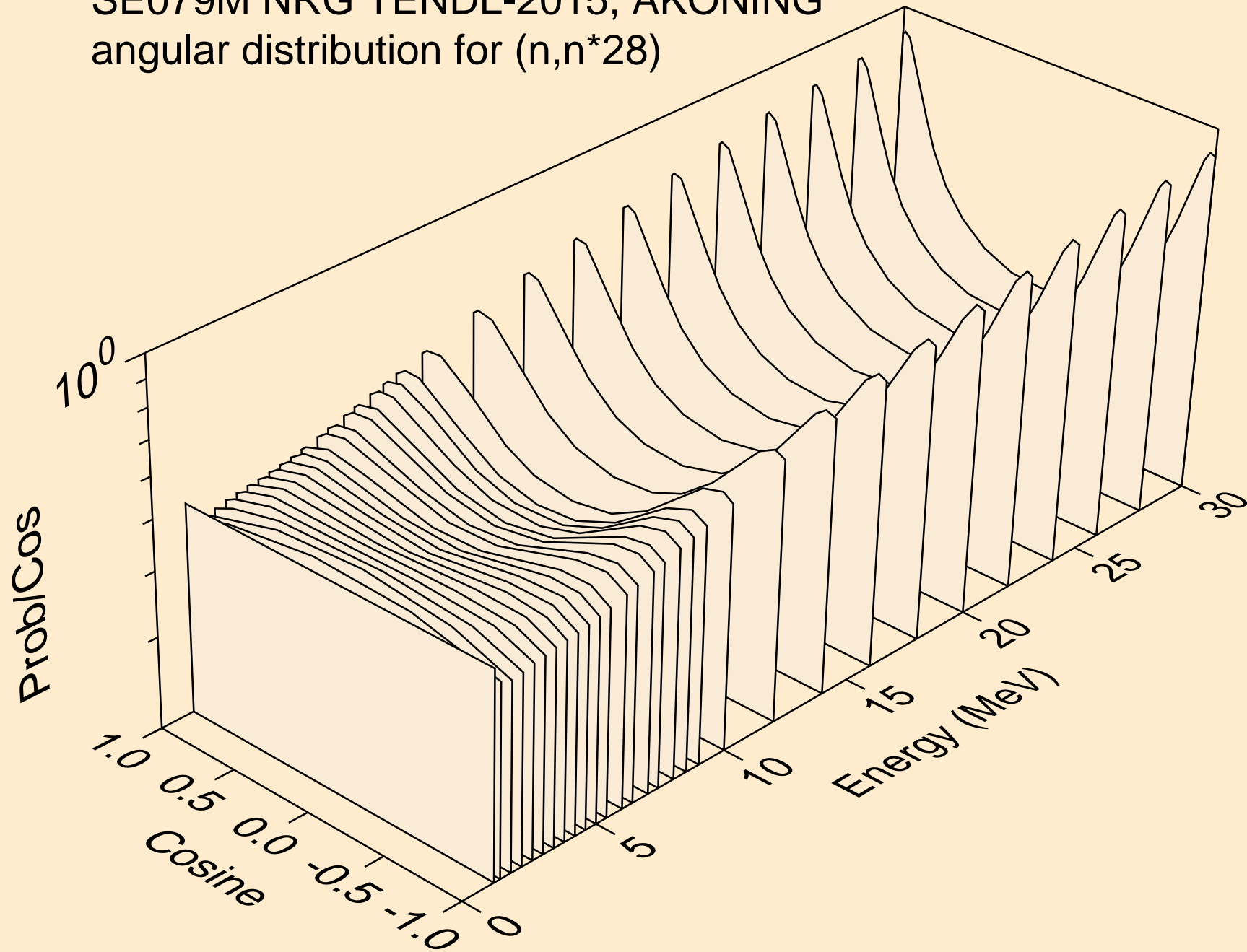
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angular distribution for (n,n\*26)



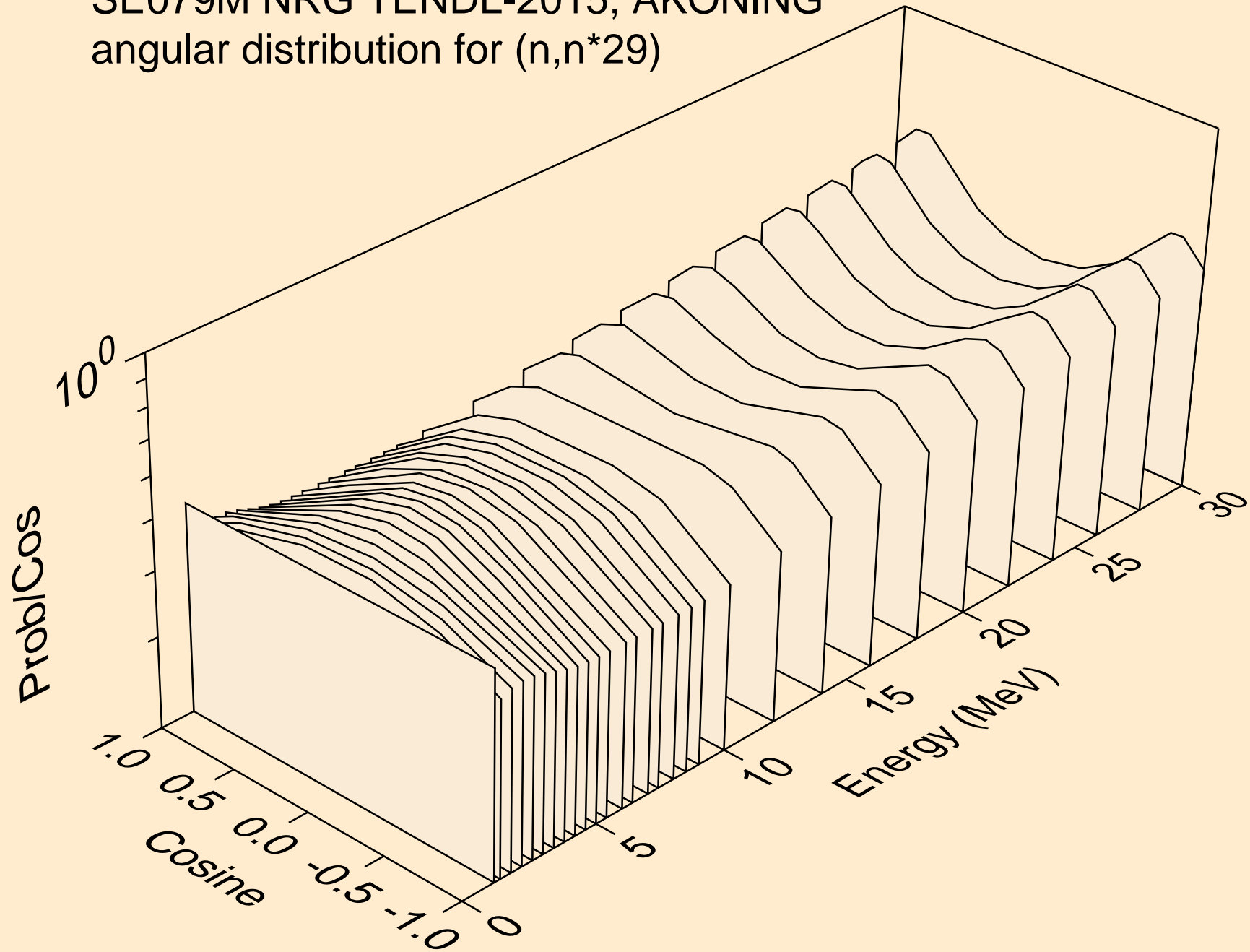
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angular distribution for (n,n\*27)



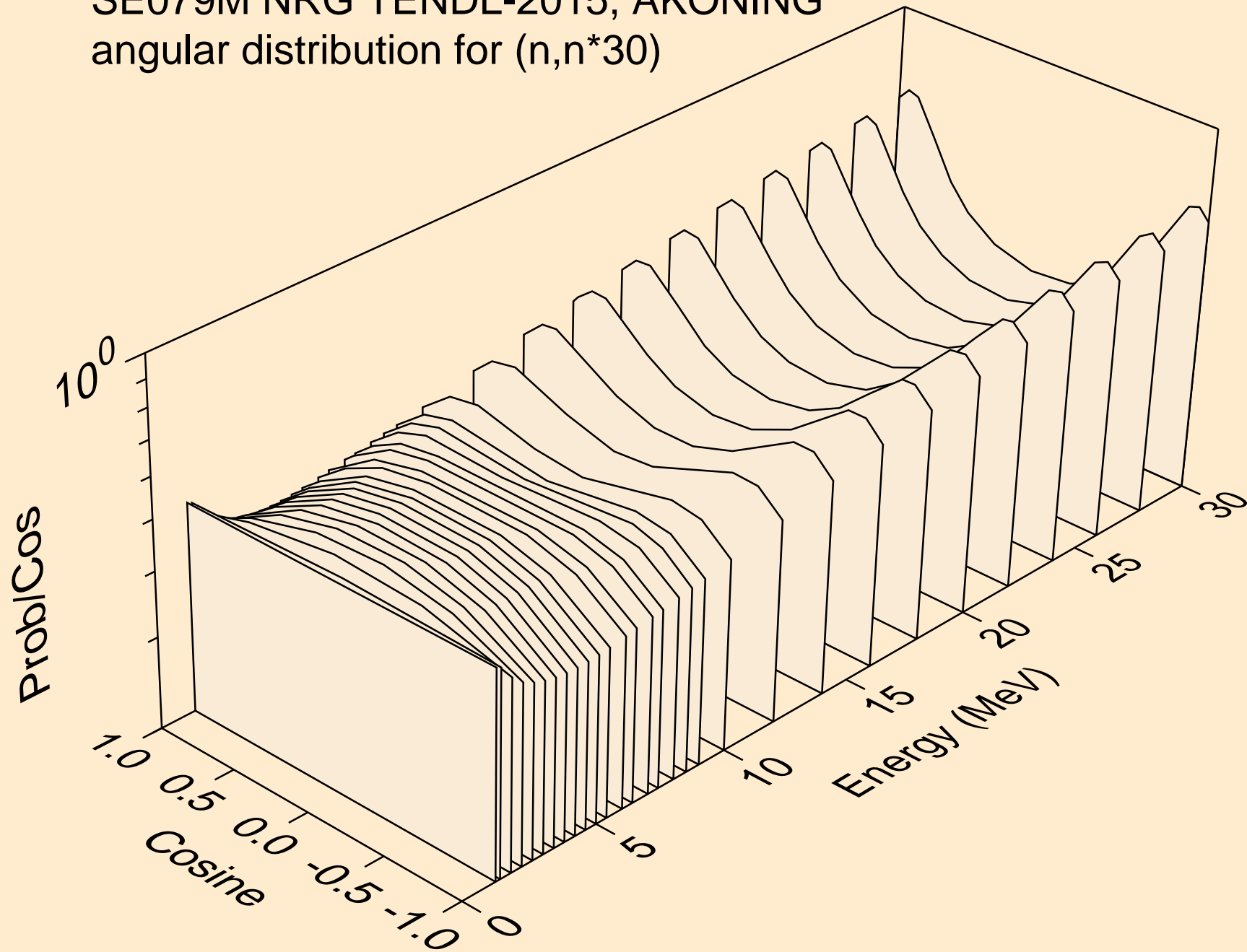
SE079M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



SE079M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

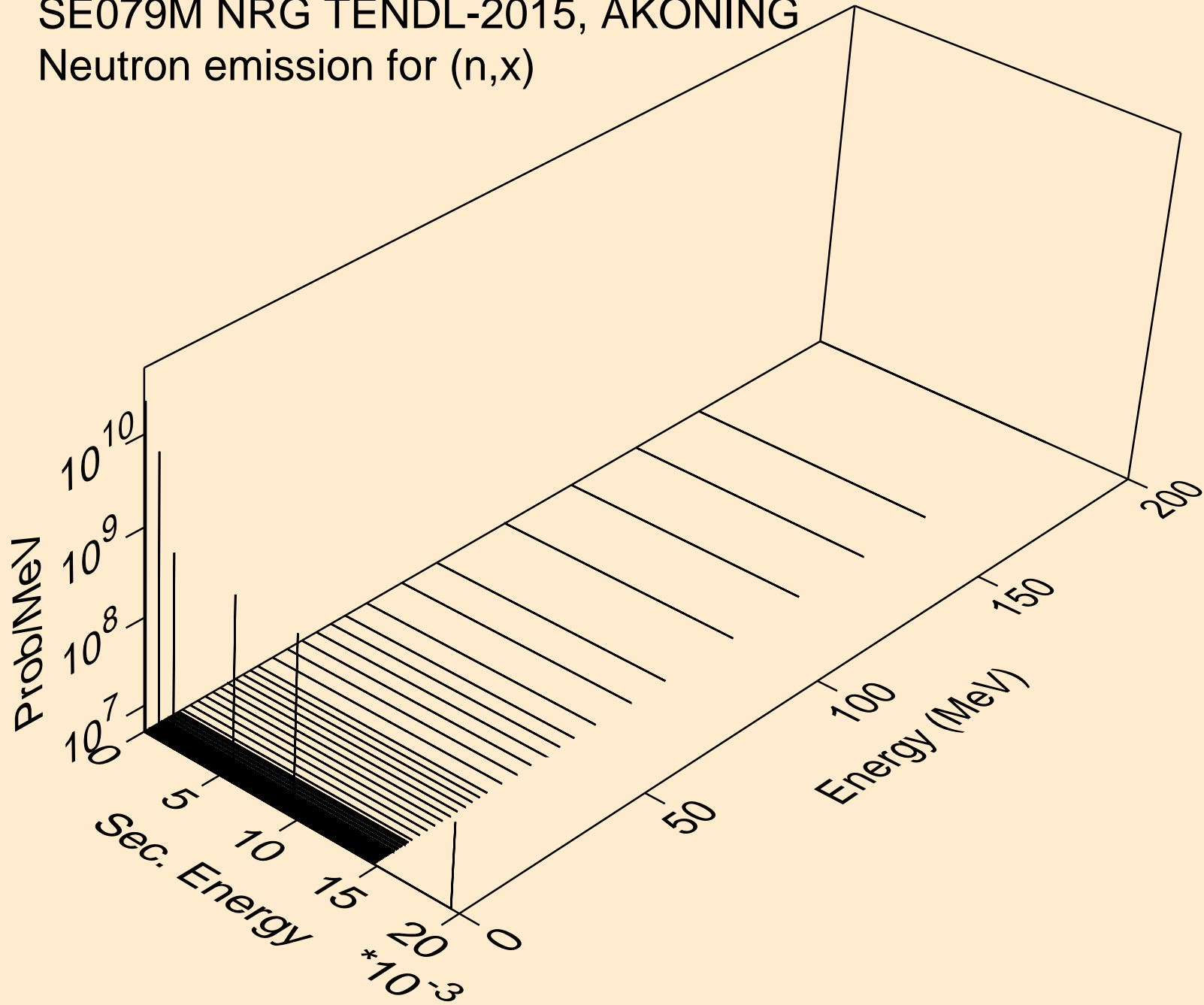


SE079M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

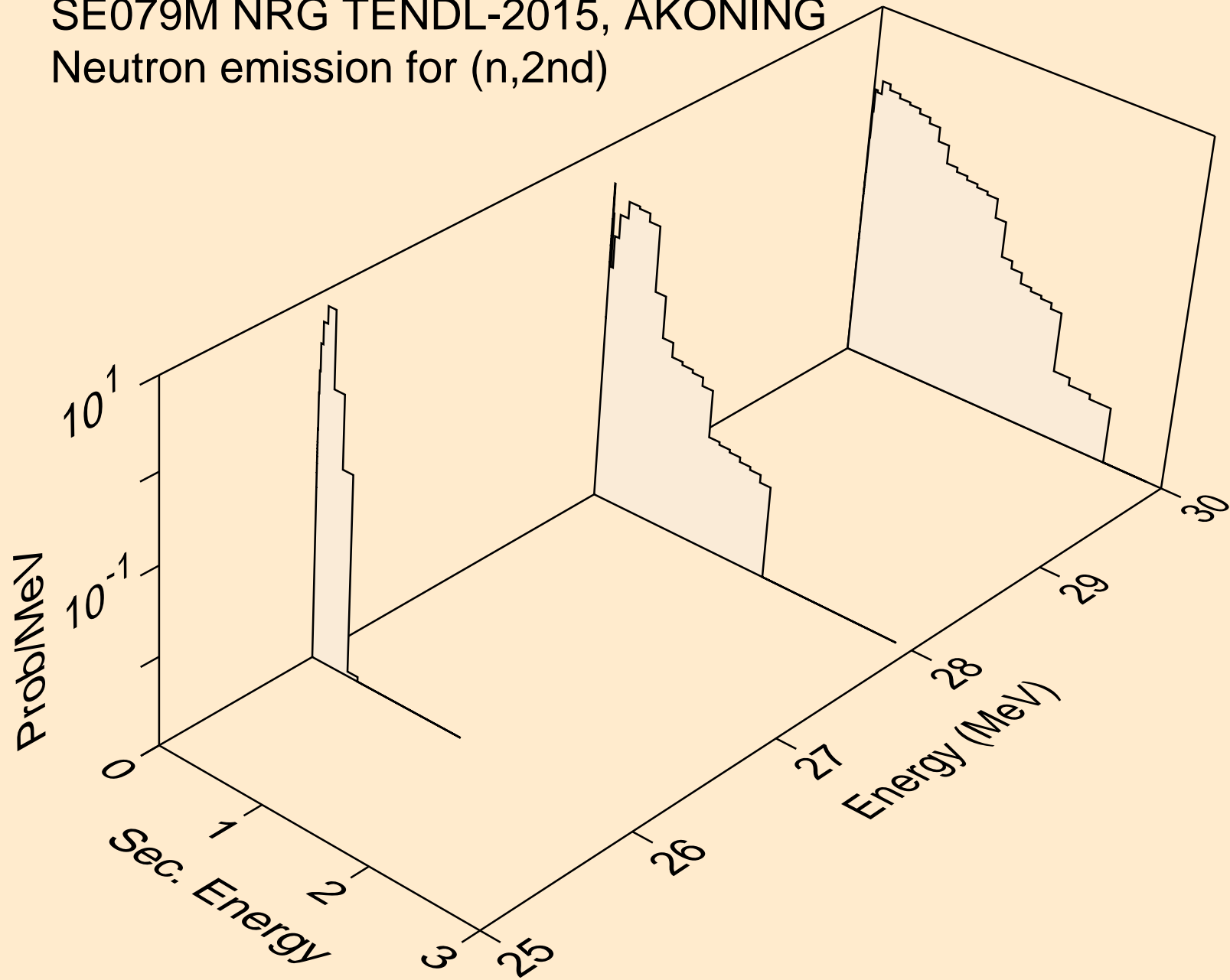




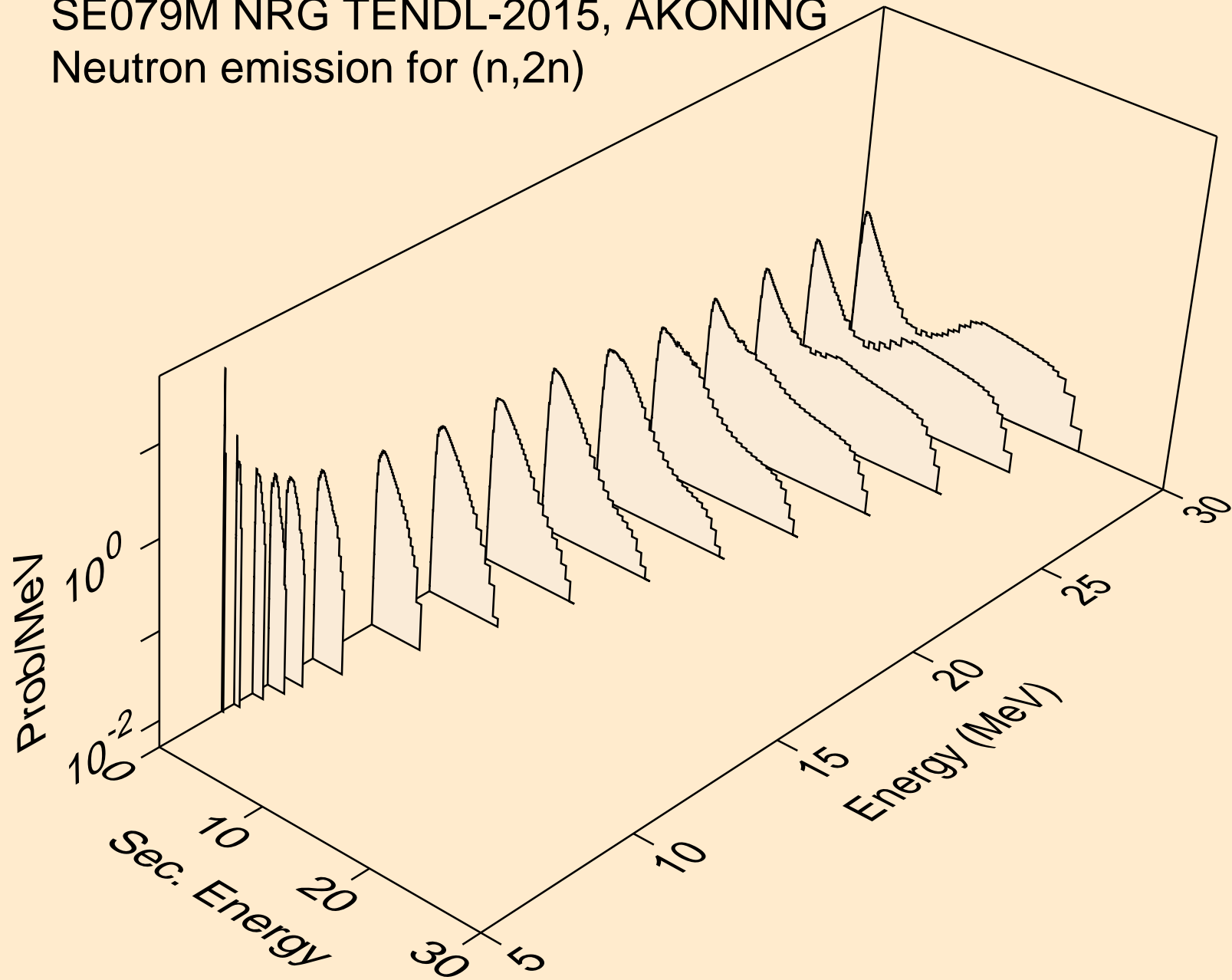
SE079M NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



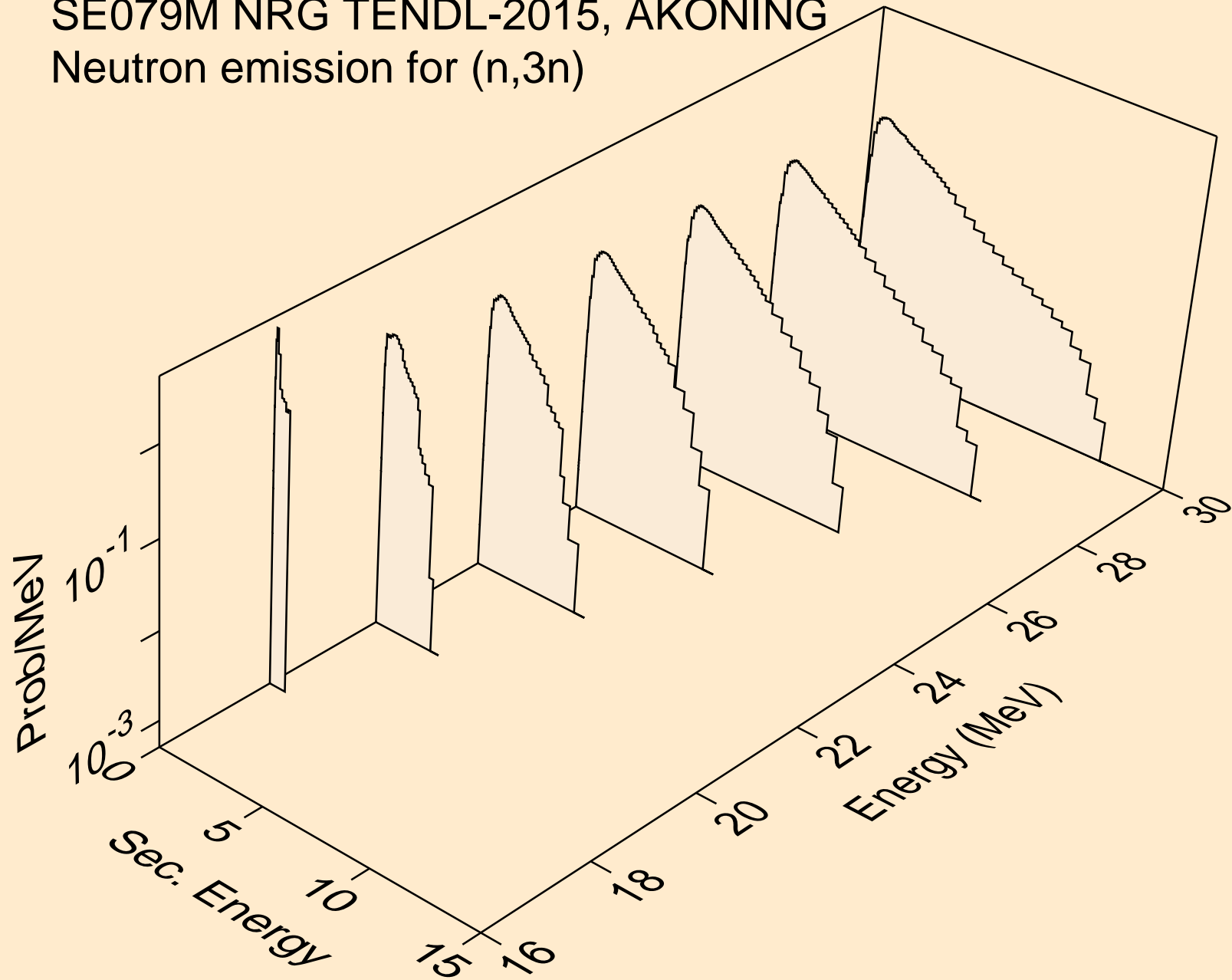
SE079M NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



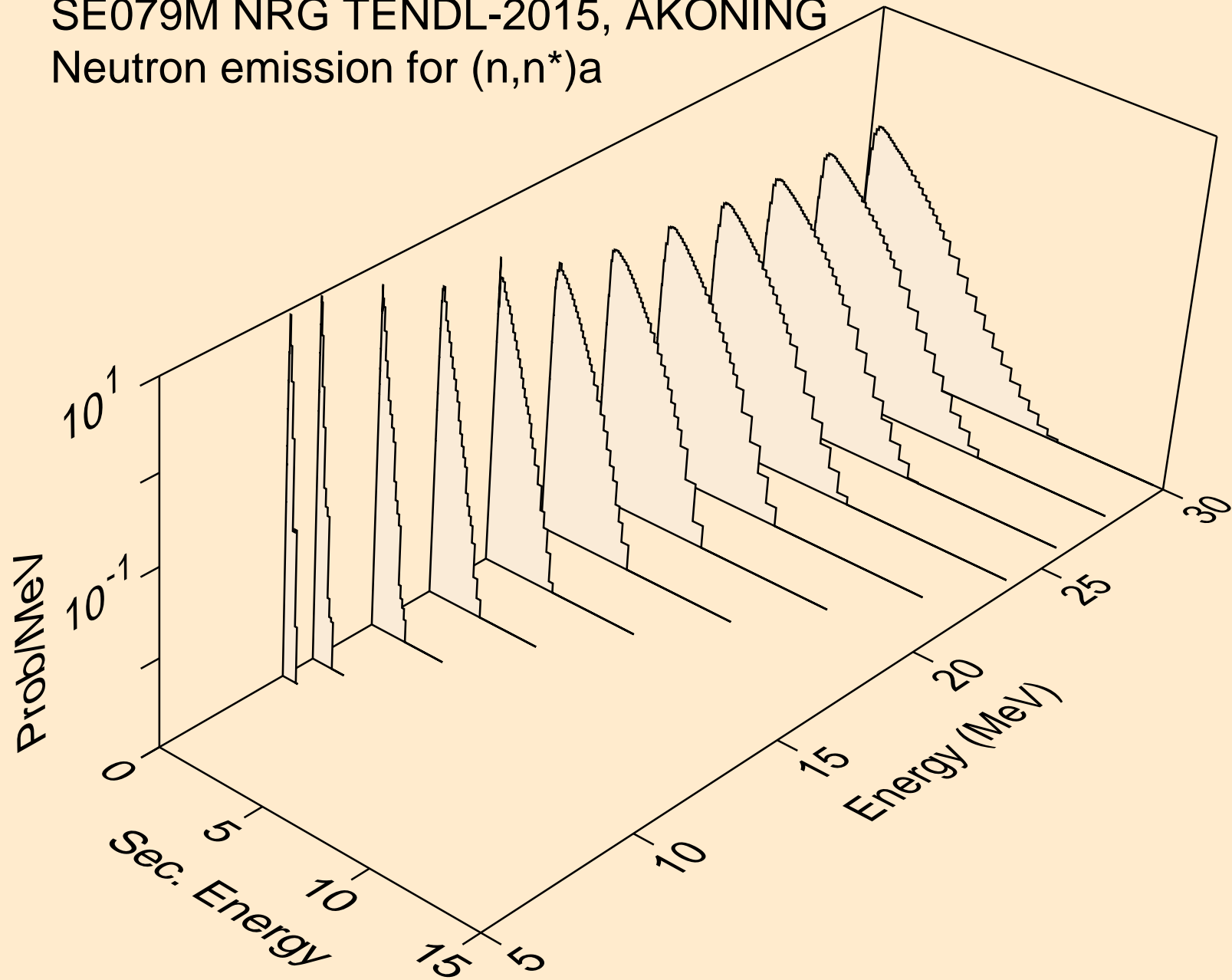
SE079M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



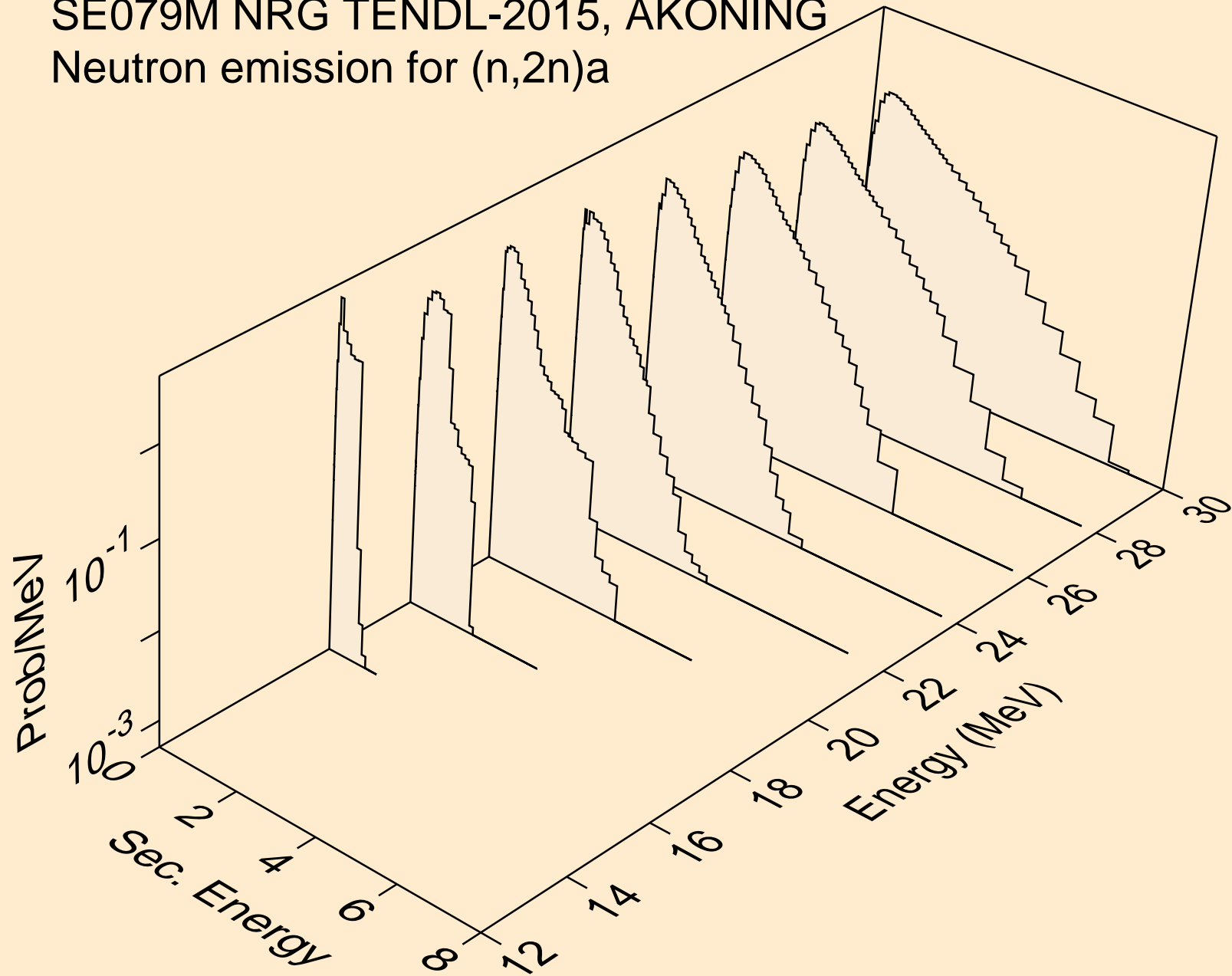
SE079M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



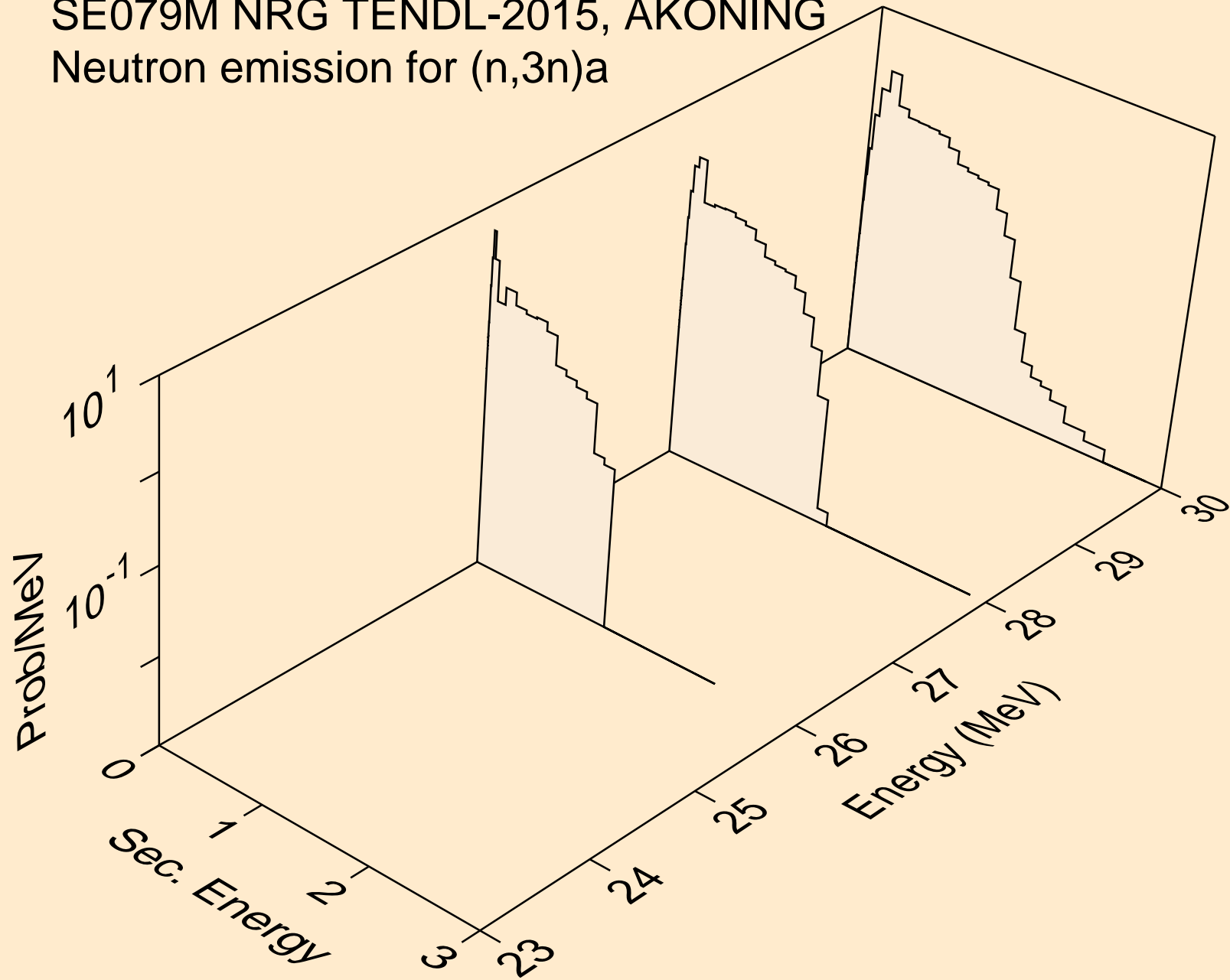
SE079M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



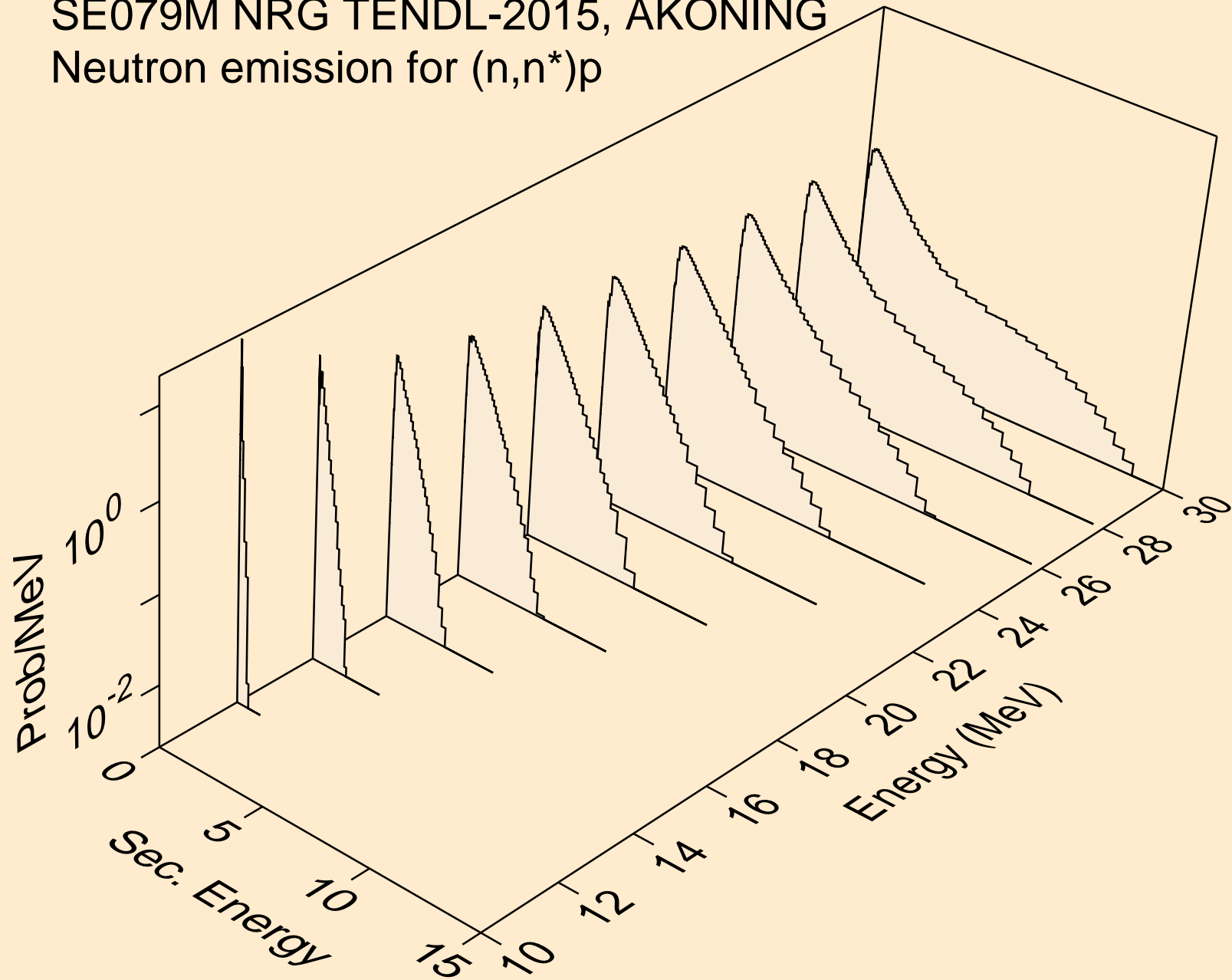
SE079M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



SE079M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

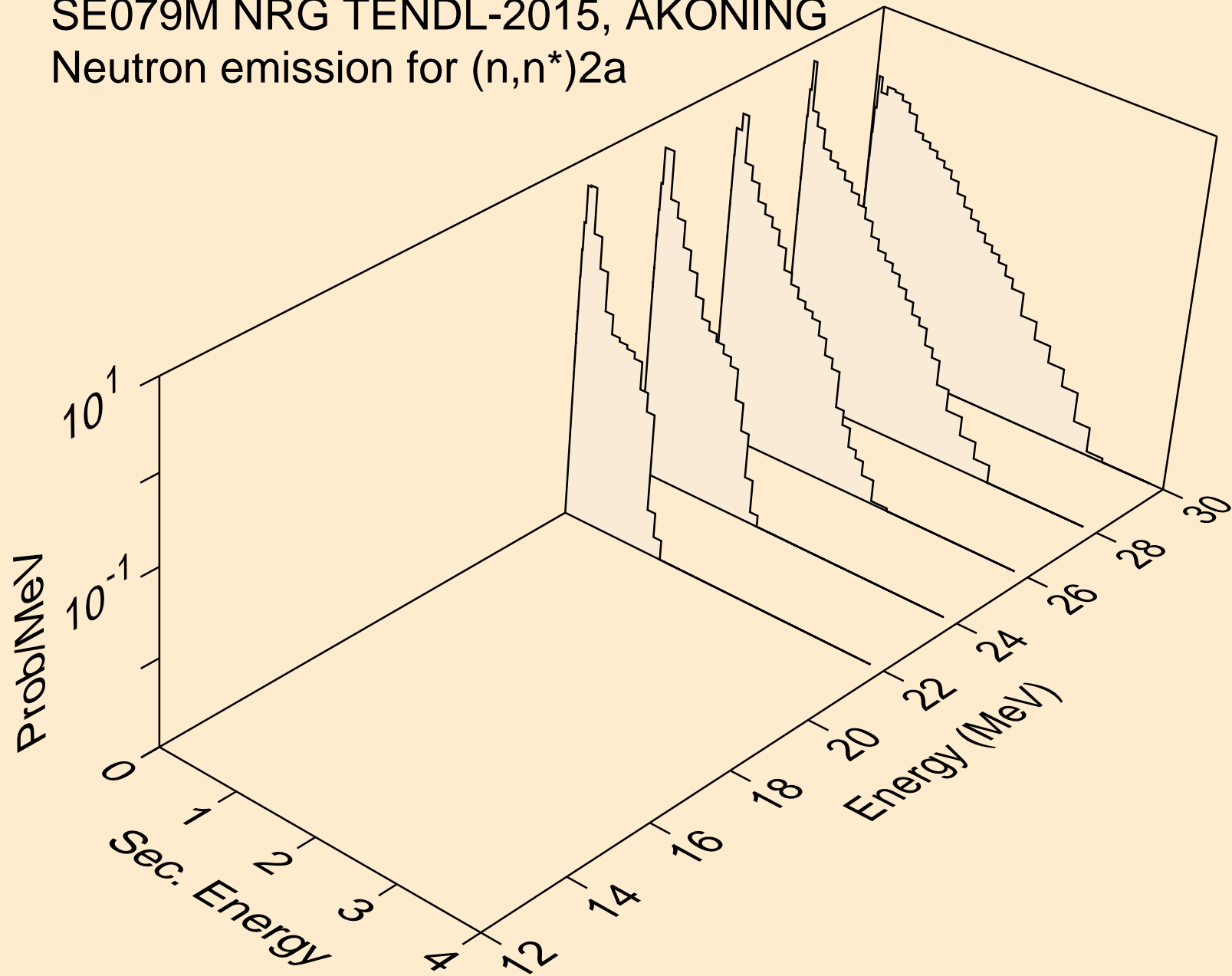


SE079M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

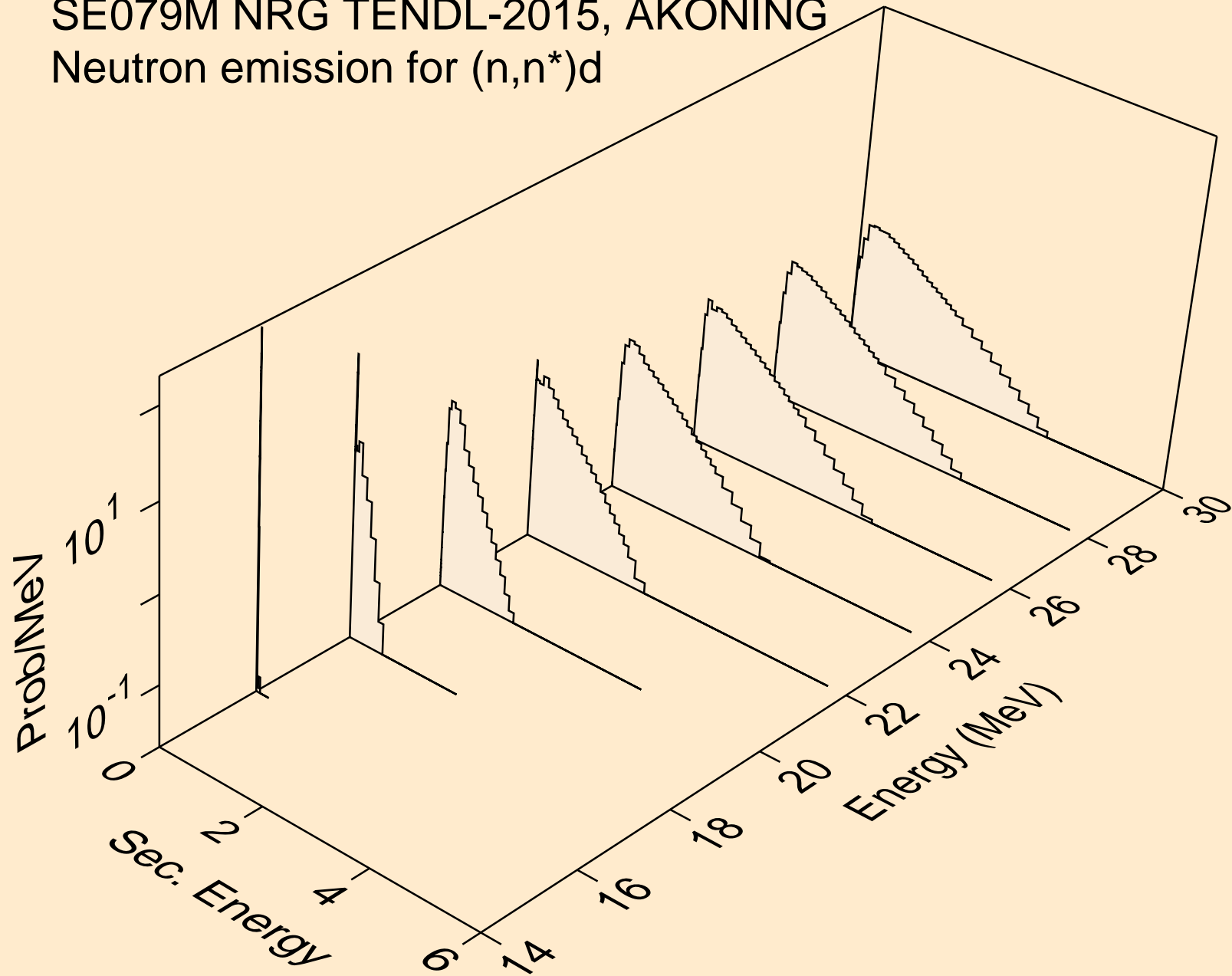




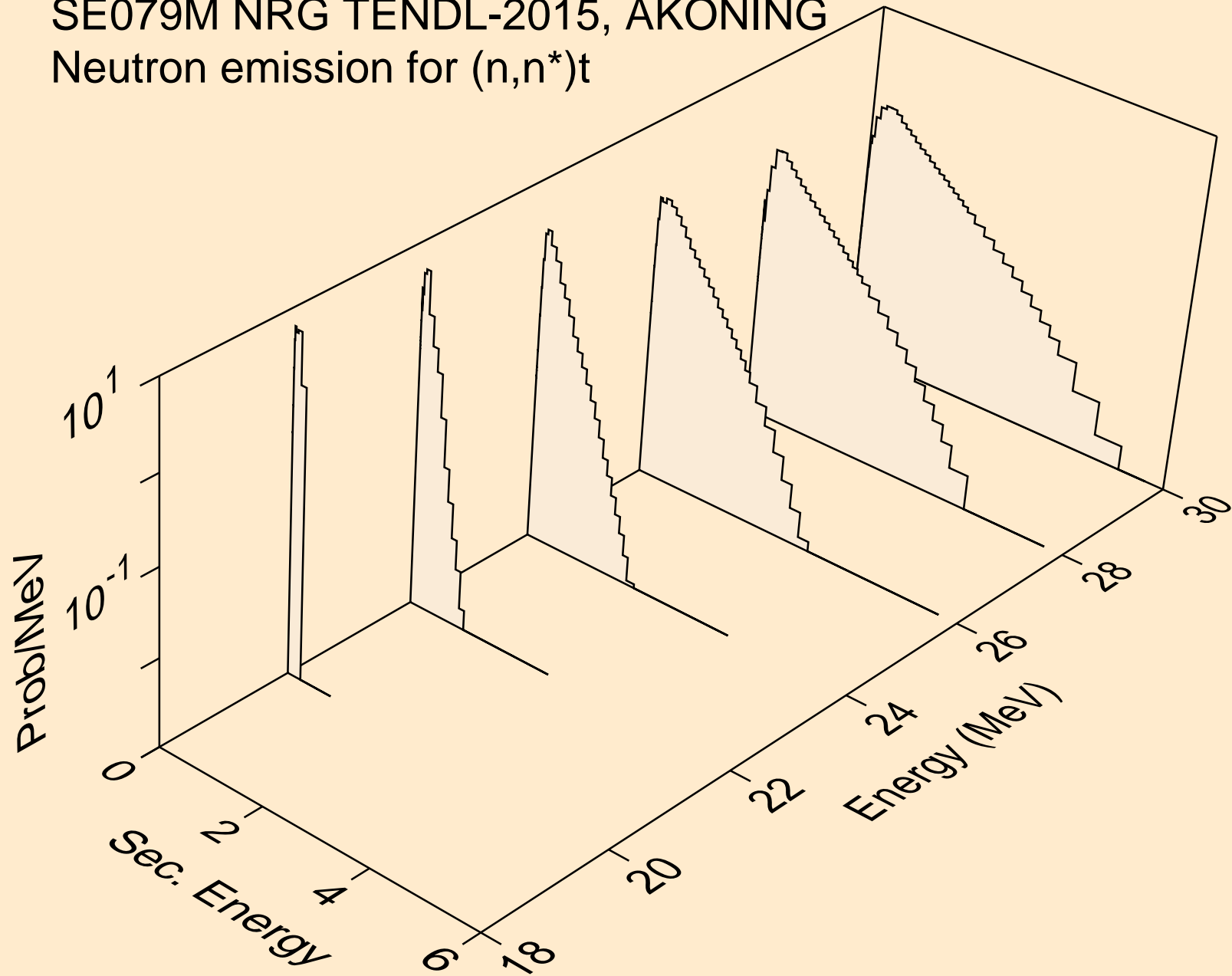
SE079M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



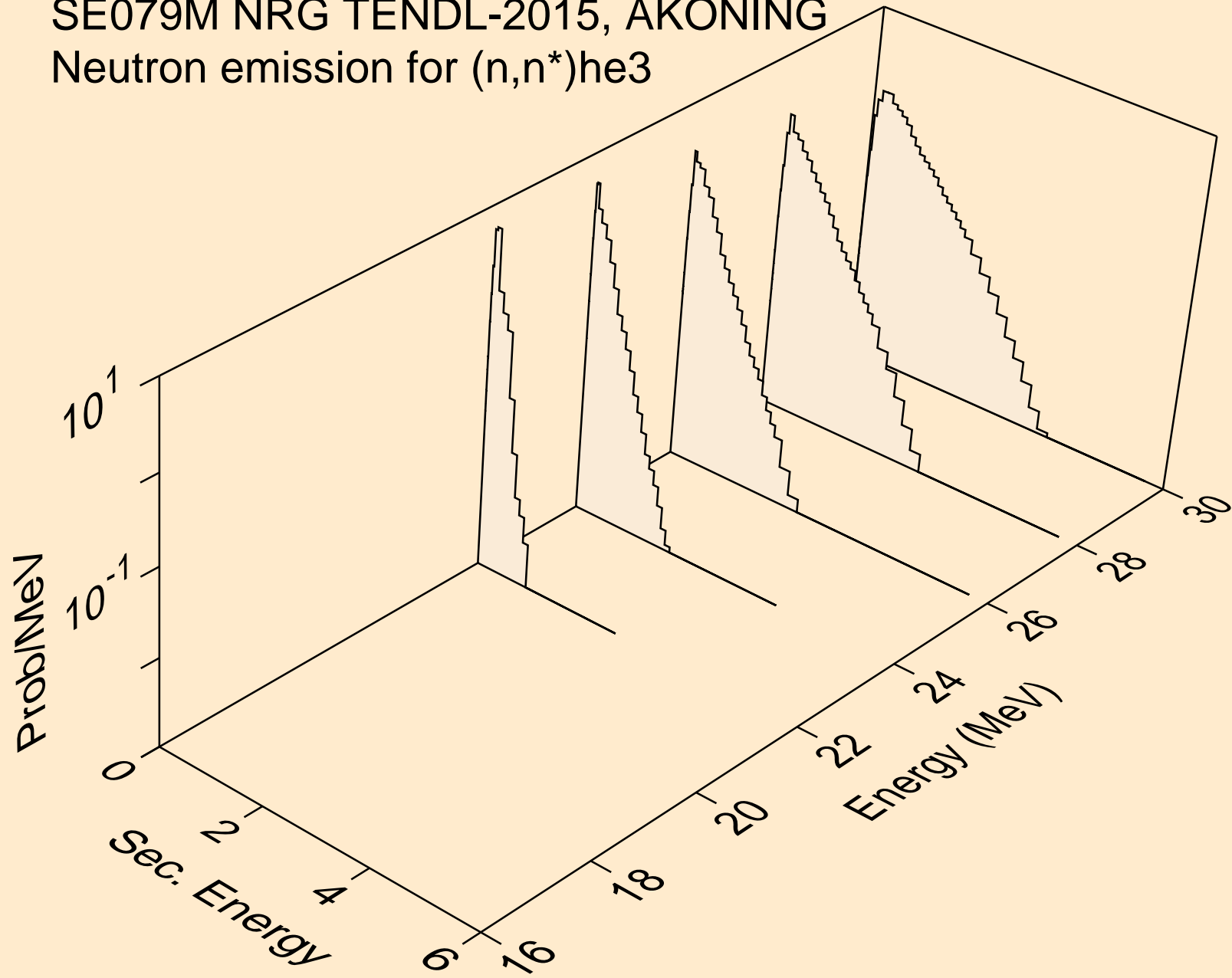
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Neutron emission for (n,n\*)d



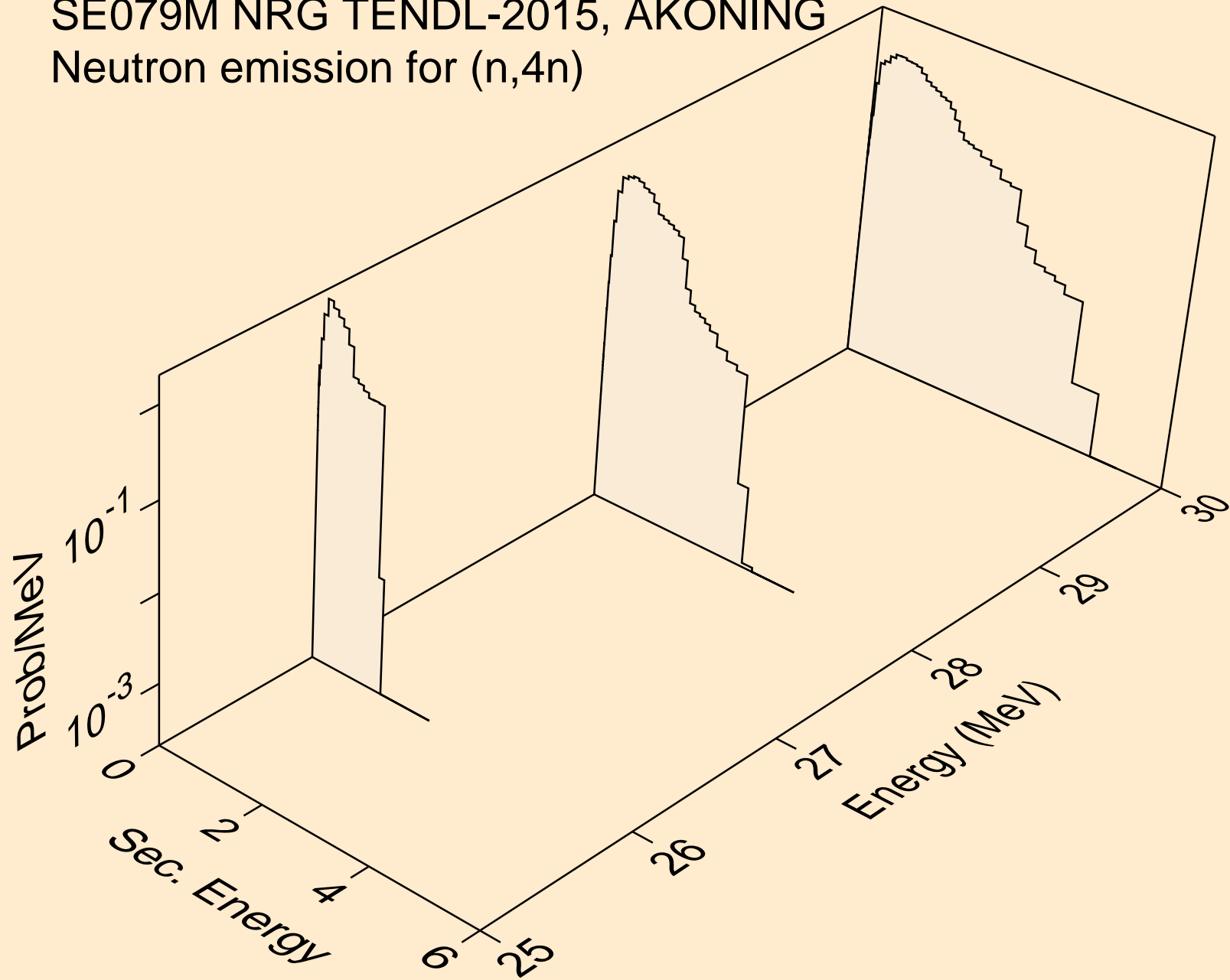
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Neutron emission for (n,n\*)t



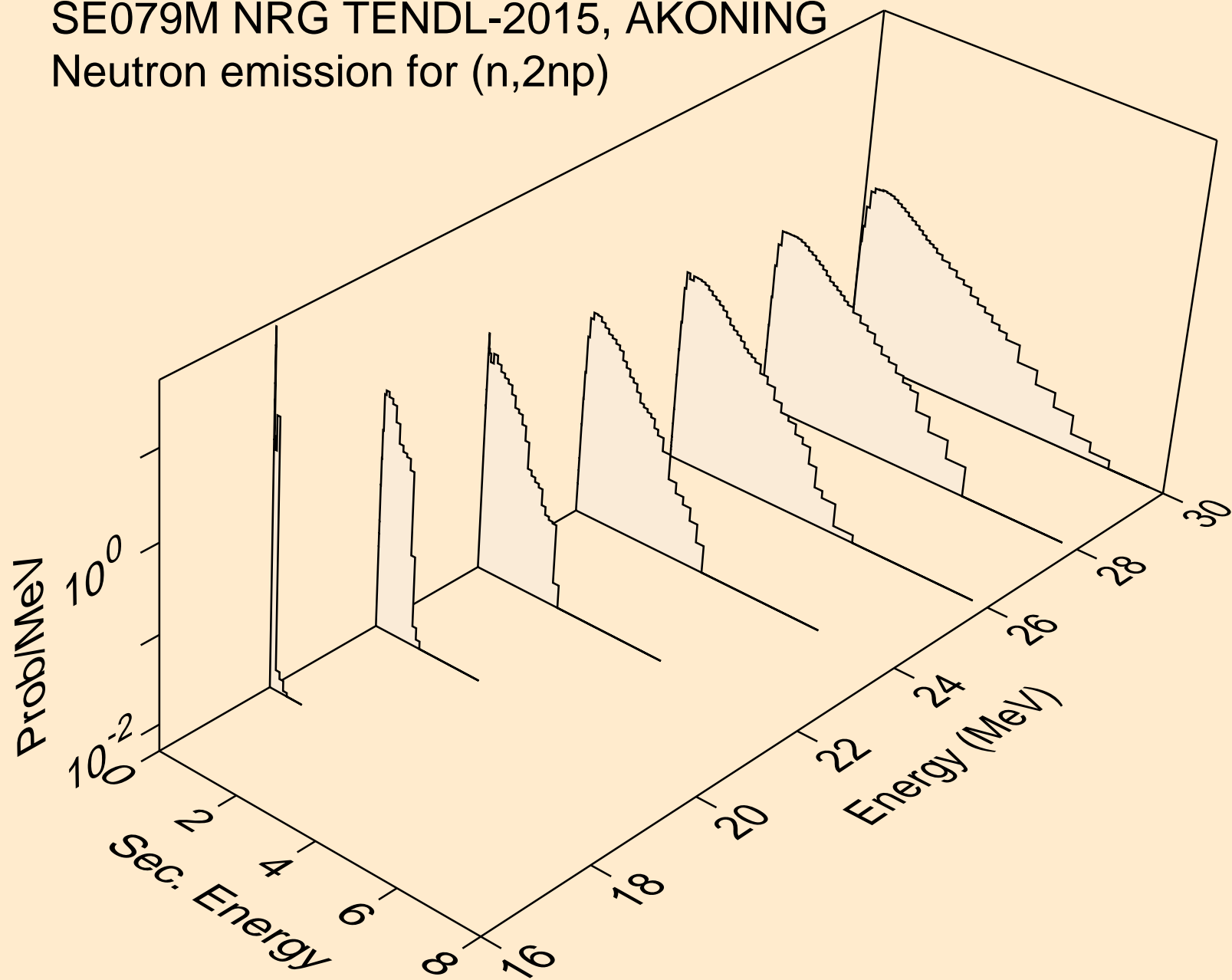
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Neutron emission for (n,n\*)he3



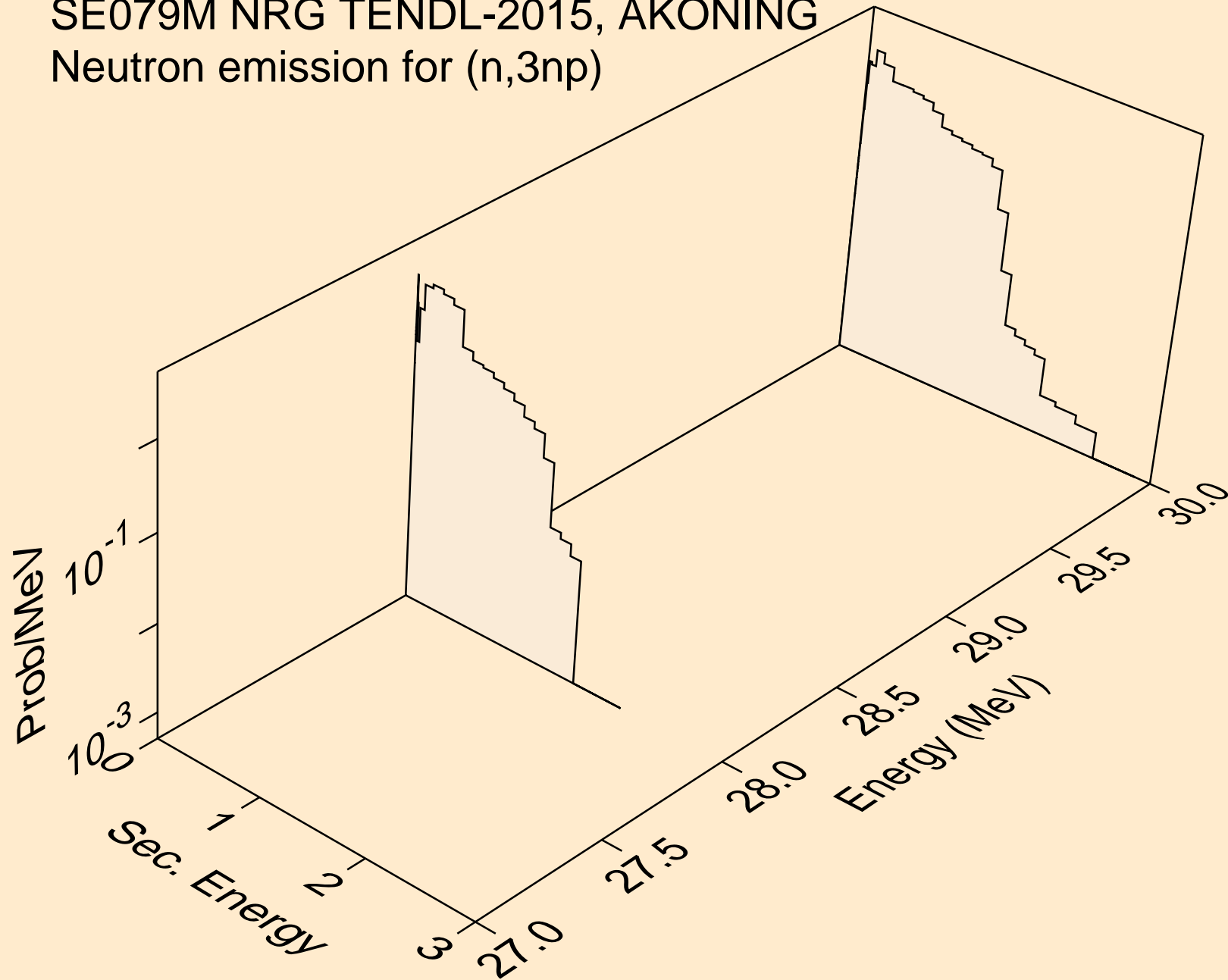
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Neutron emission for (n,4n)



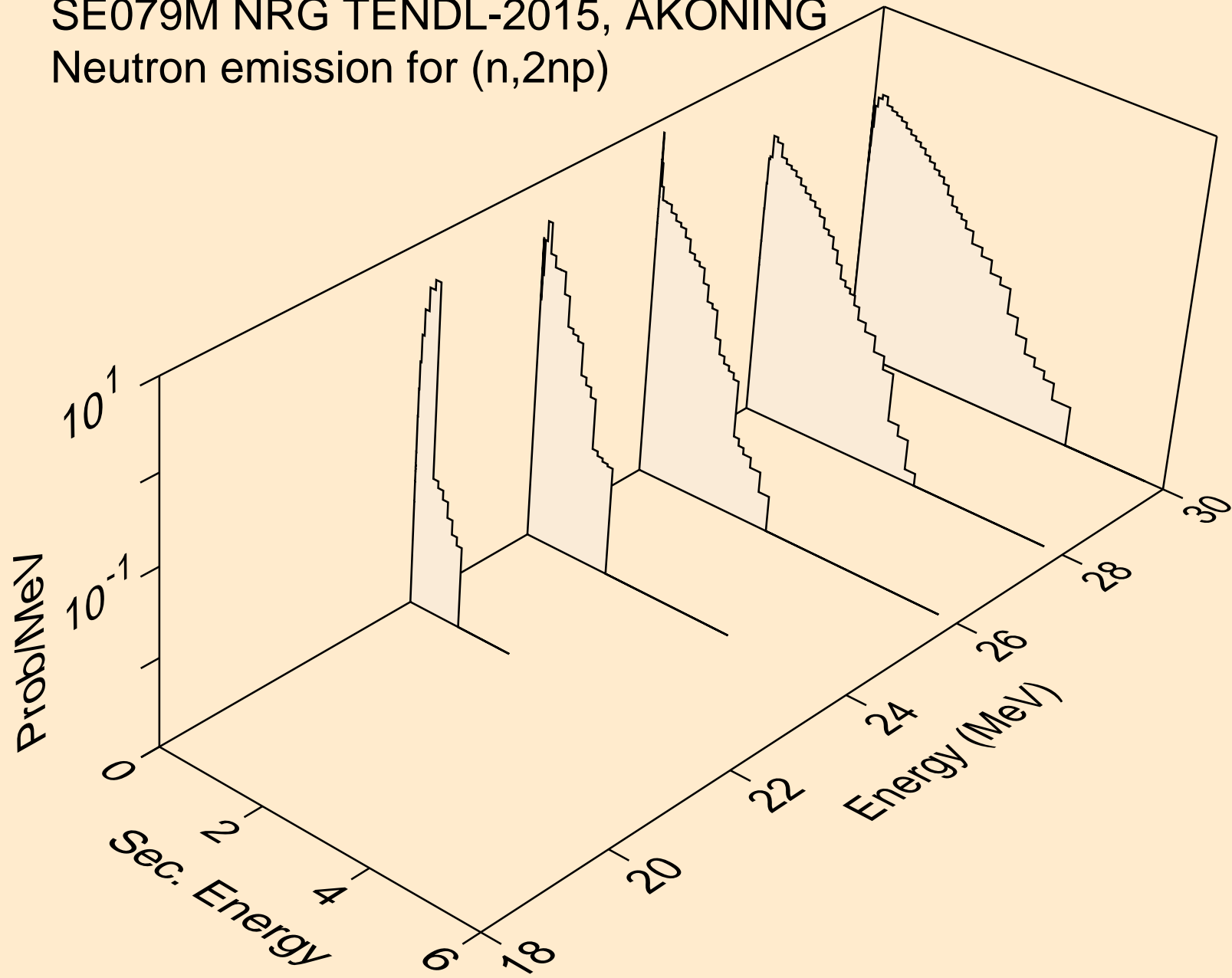
SE079M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



SE079M NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

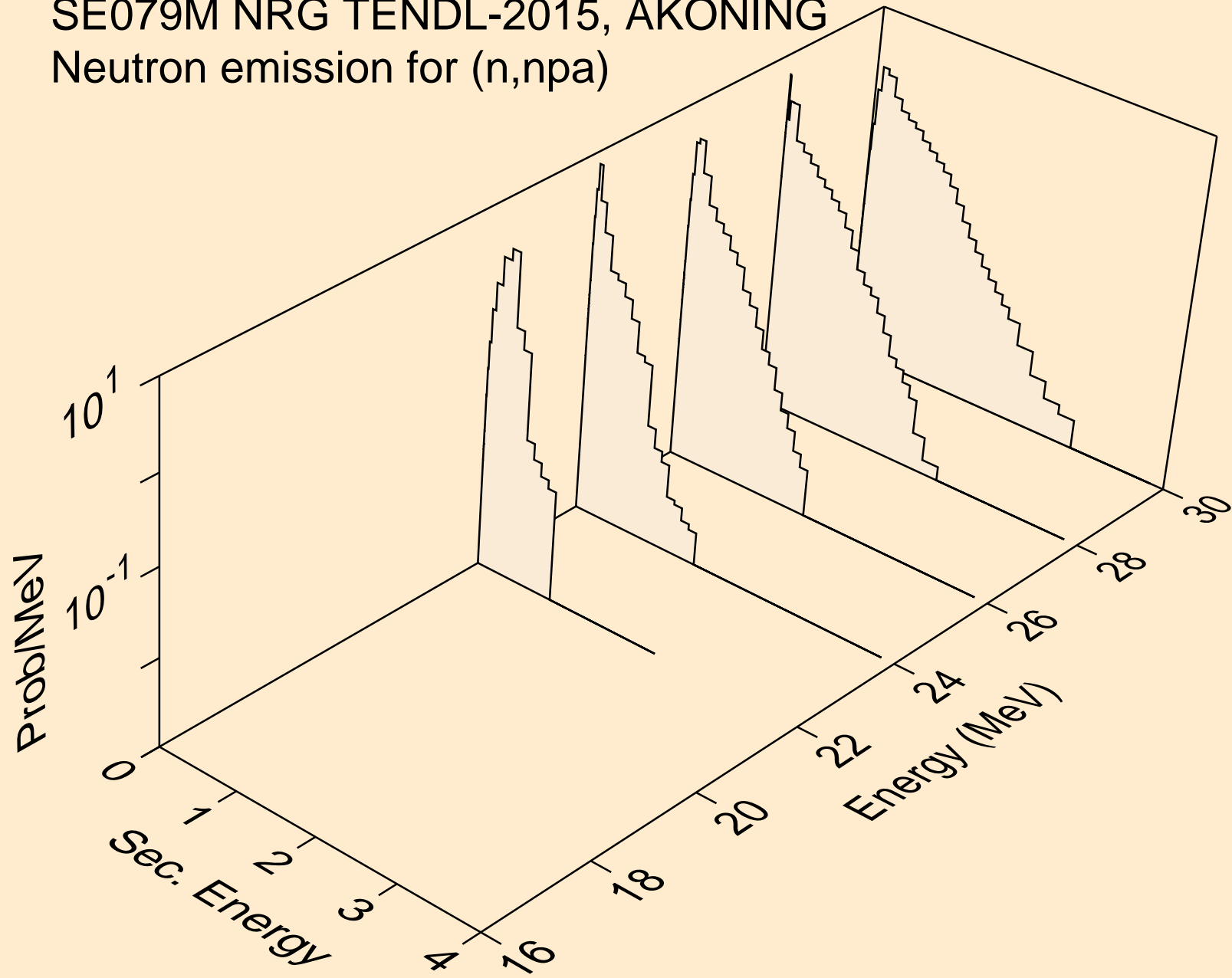


SE079M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

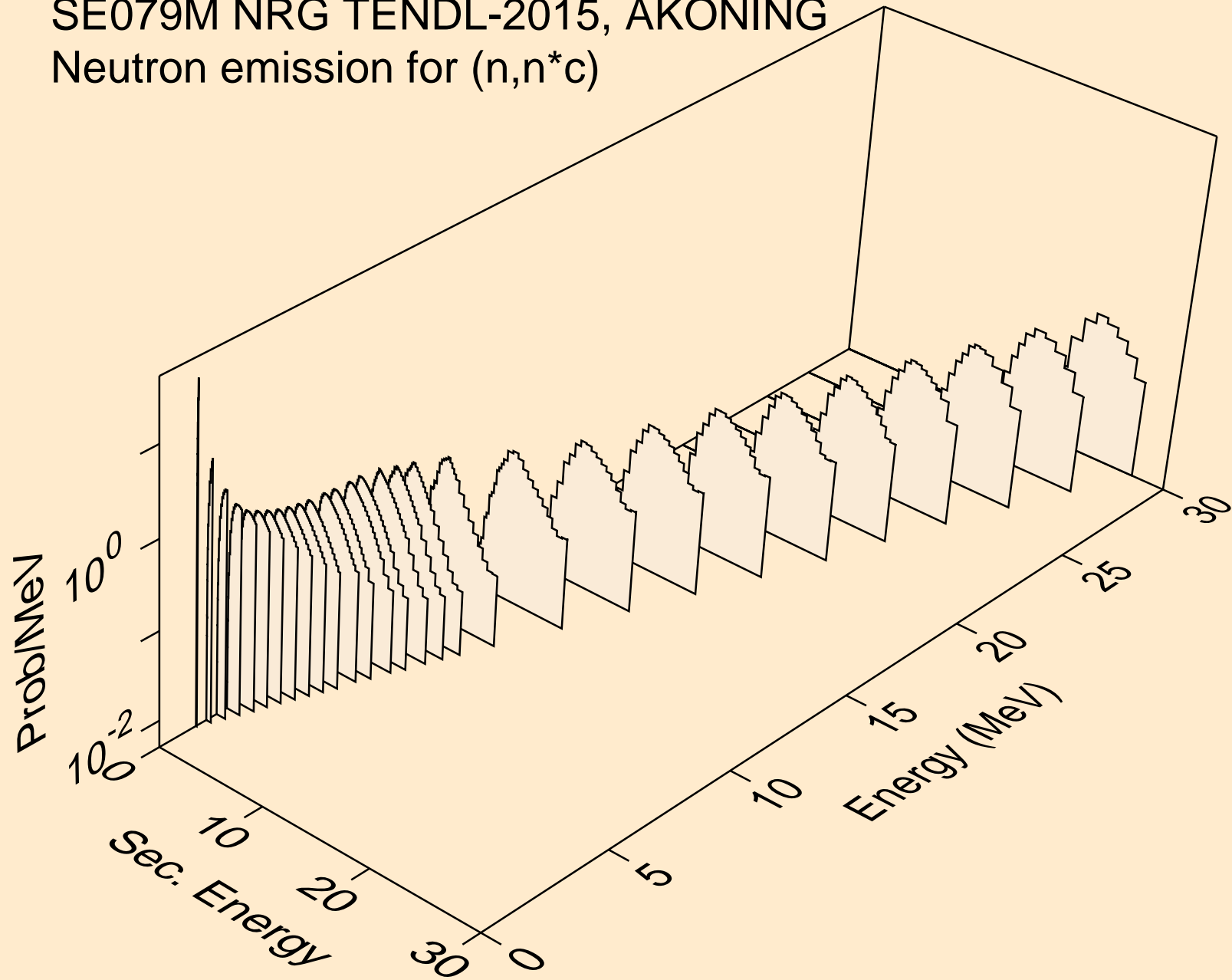




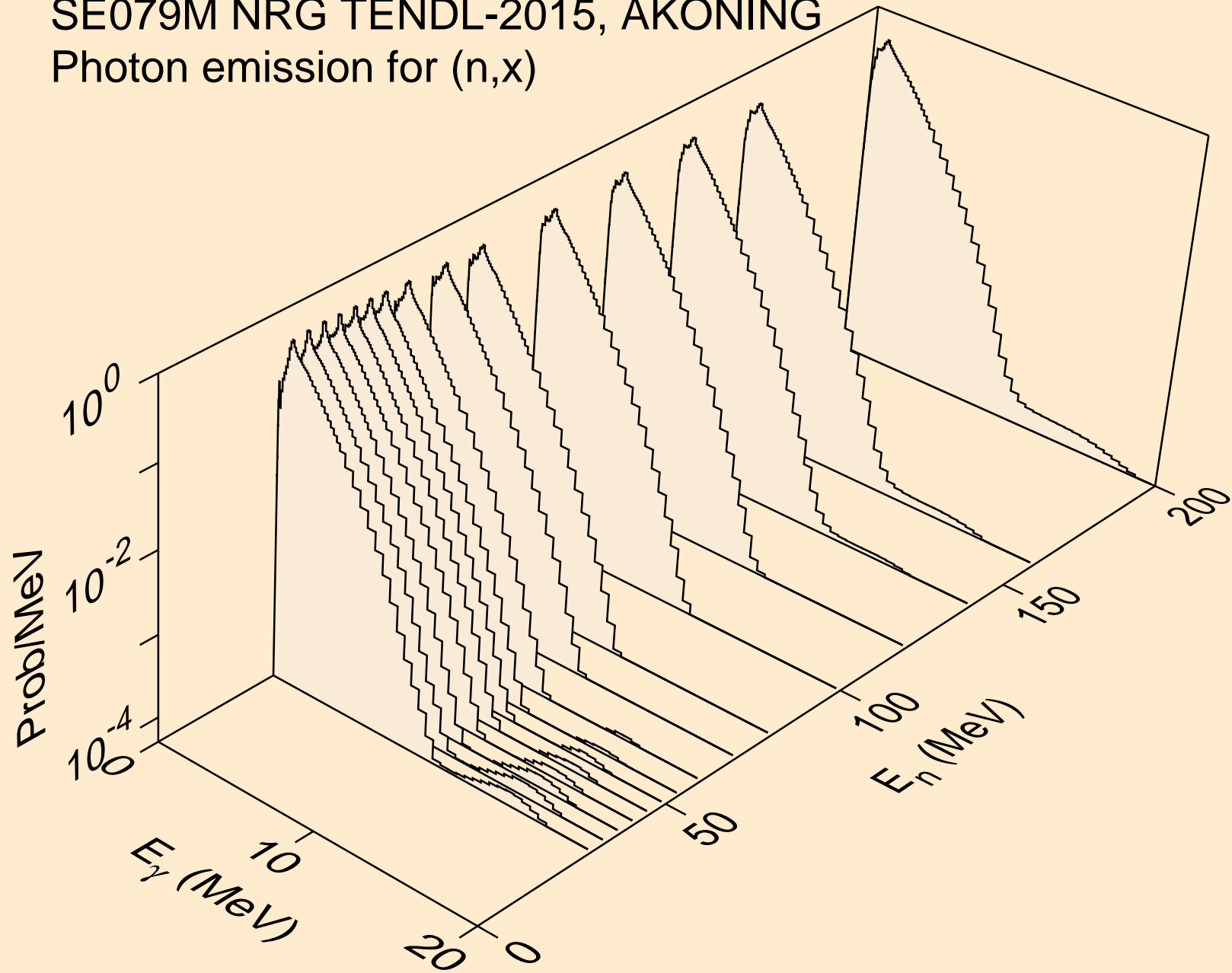
SE079M NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



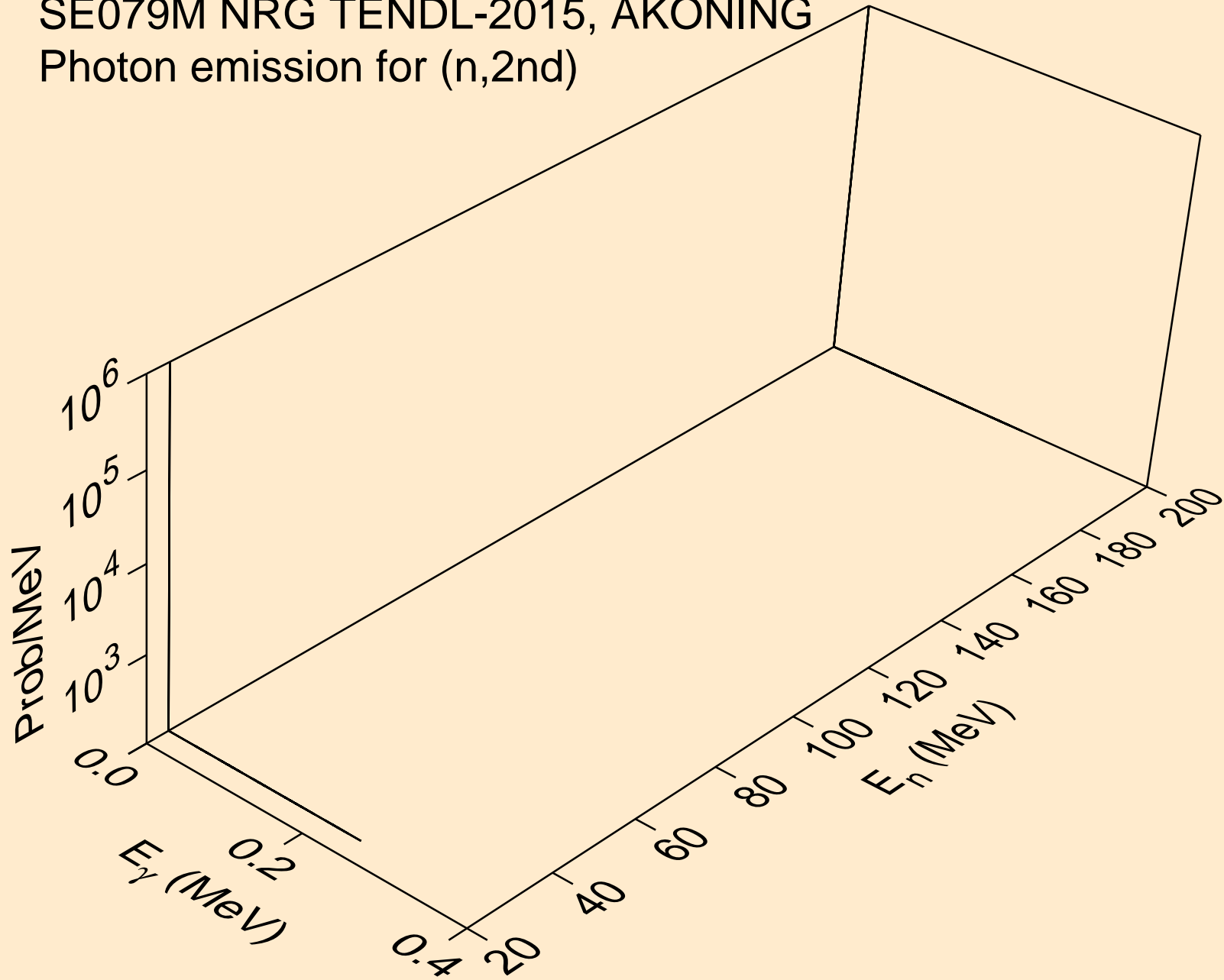
SE079M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



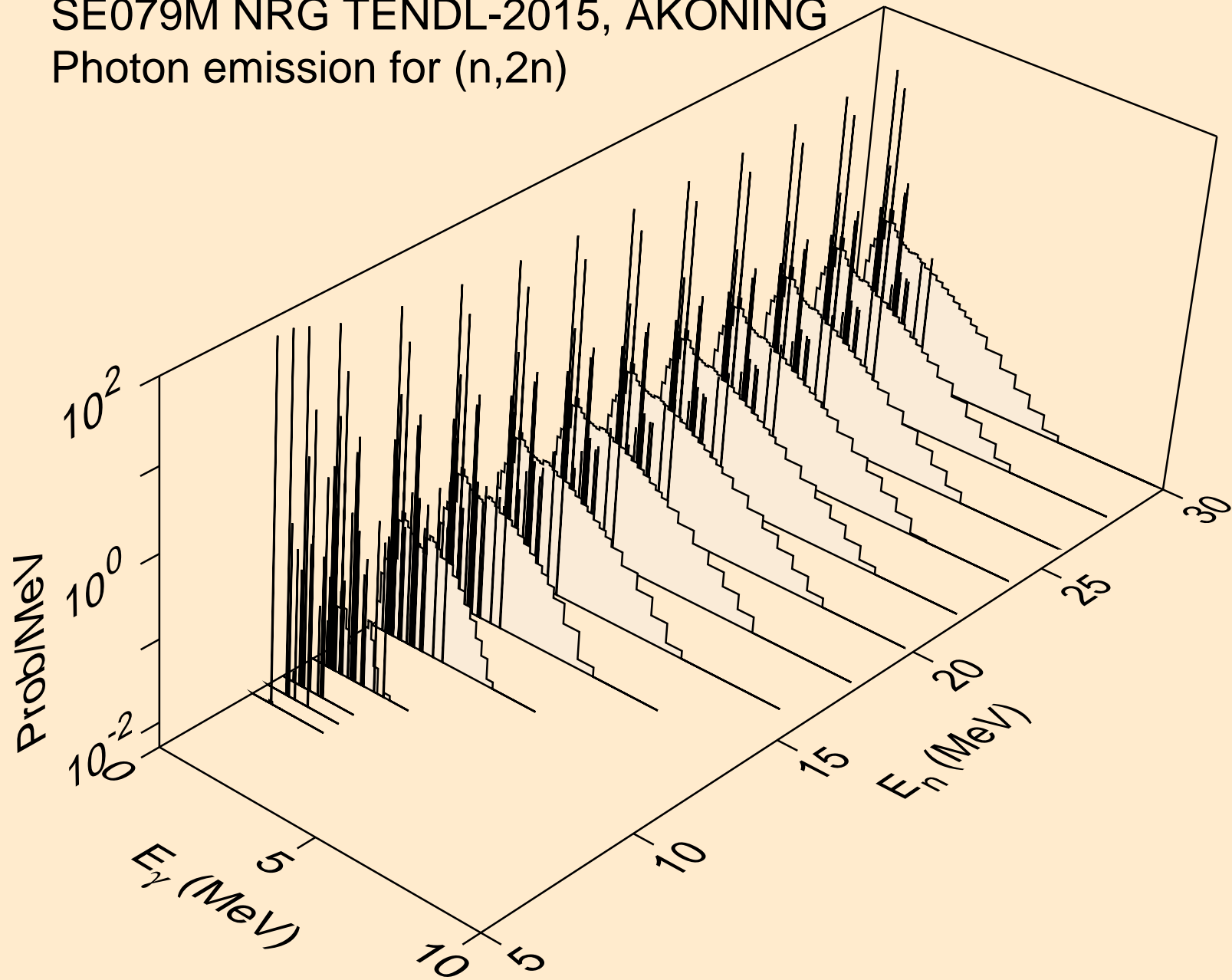
SE079M NRG TENDL-2015, AKONING  
Photon emission for (n,x)



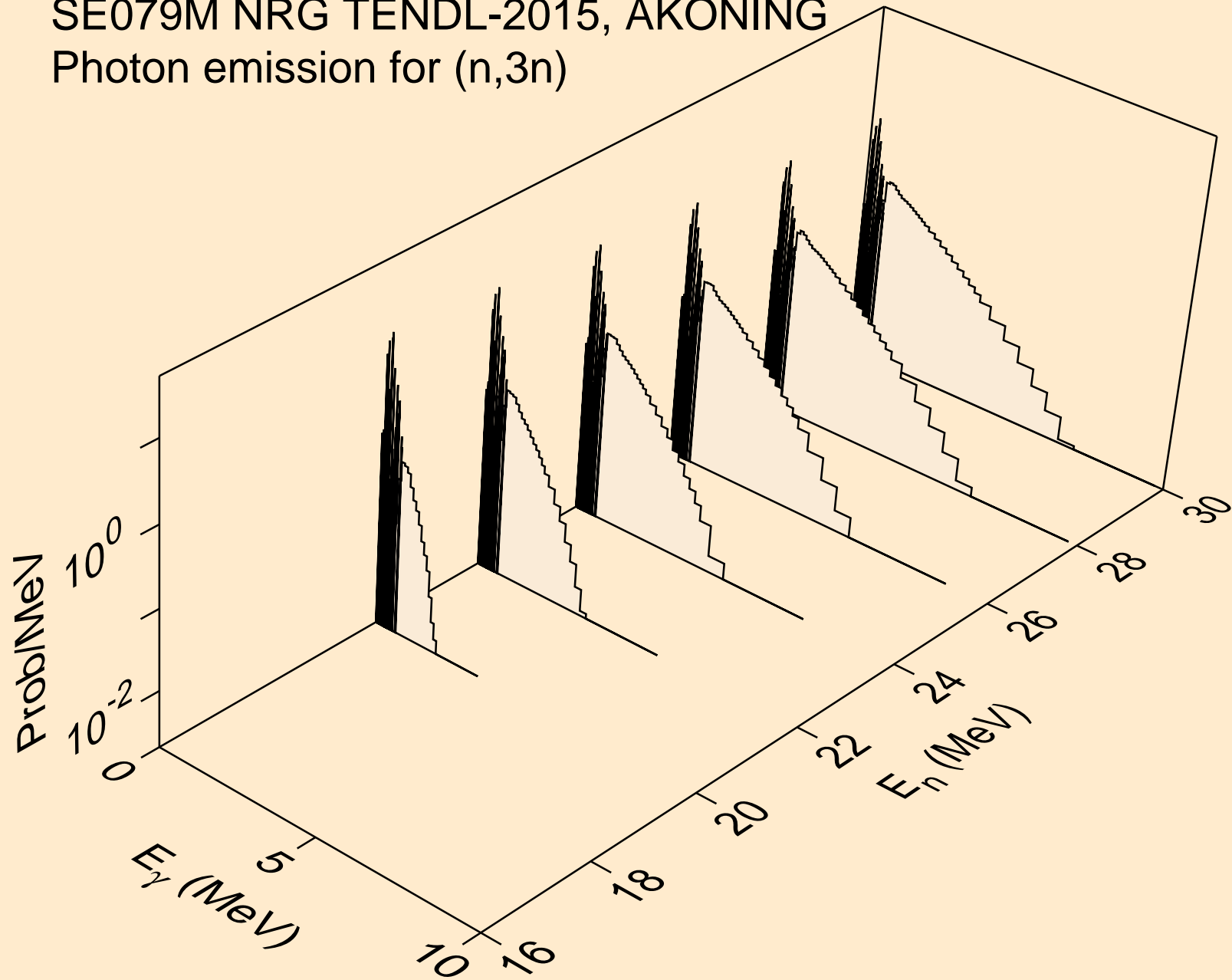
SE079M NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



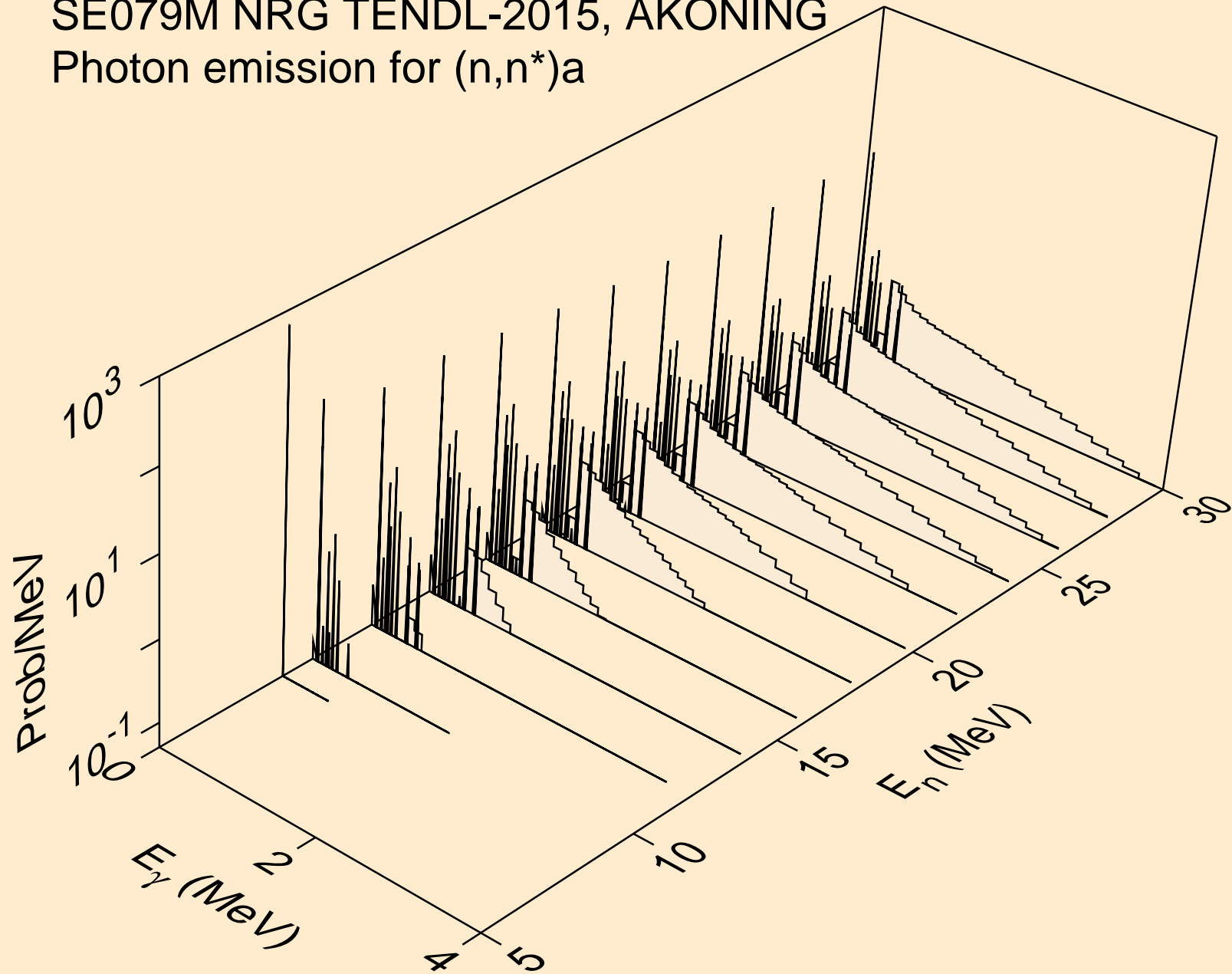
SE079M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



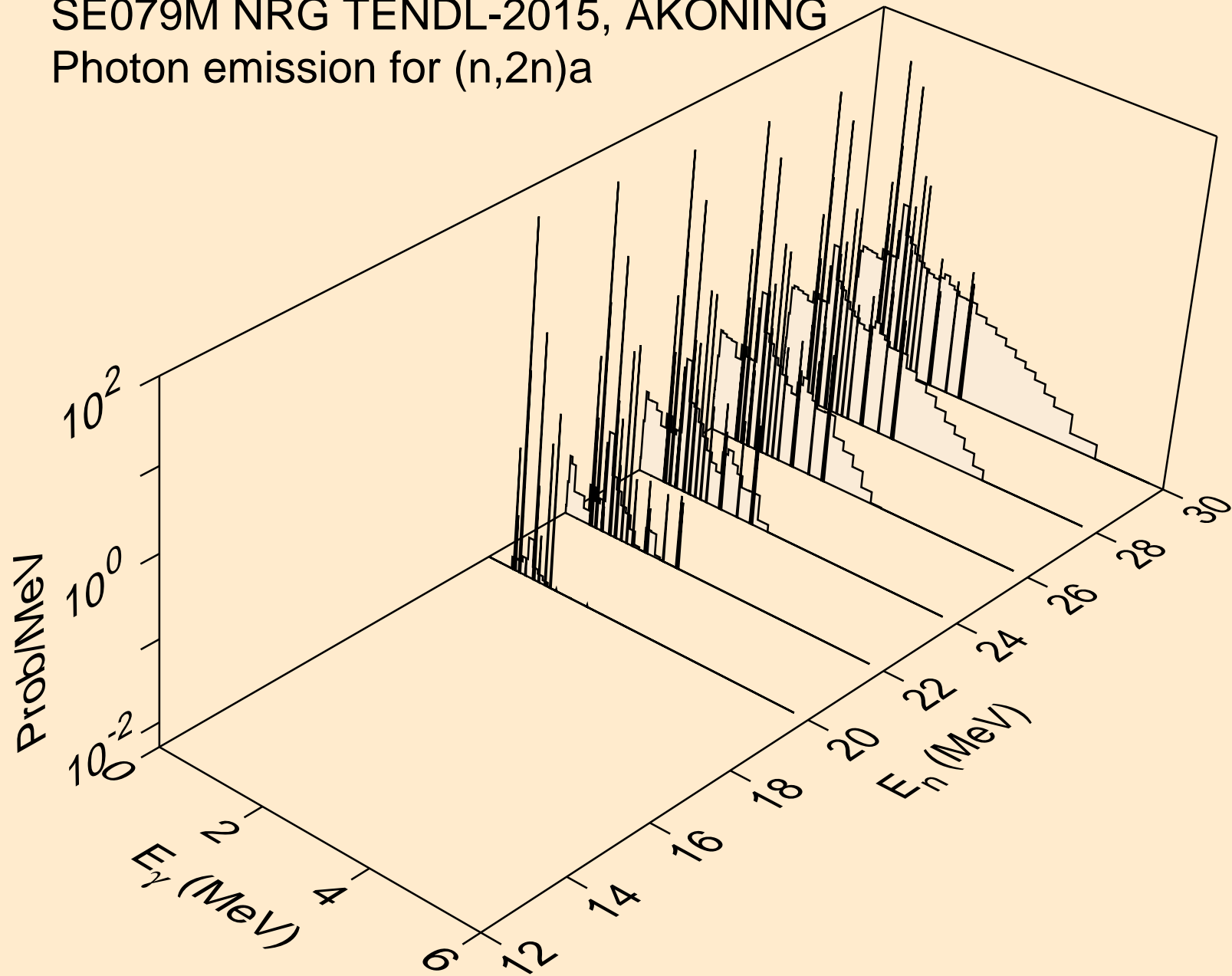
SE079M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



SE079M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

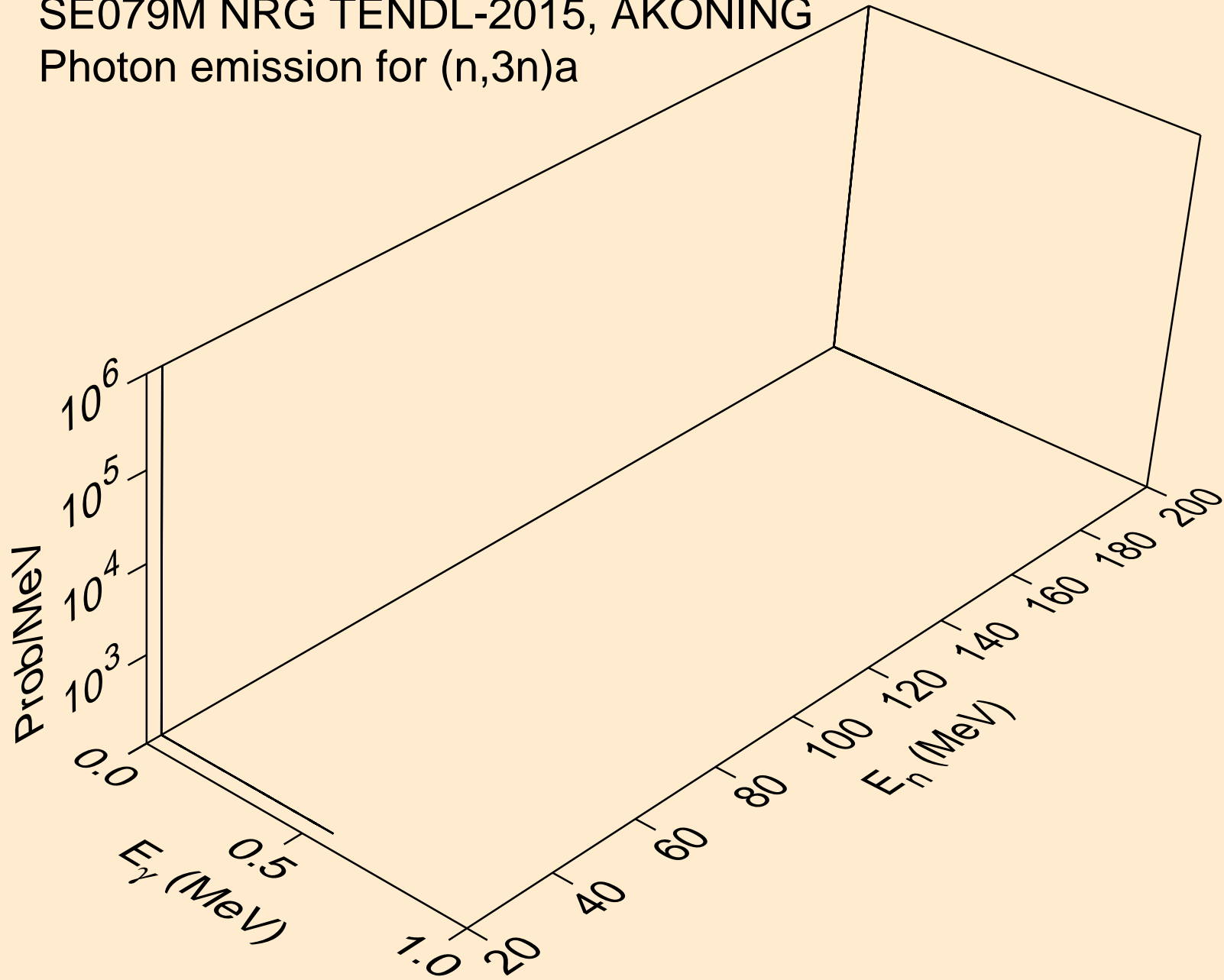


SE079M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

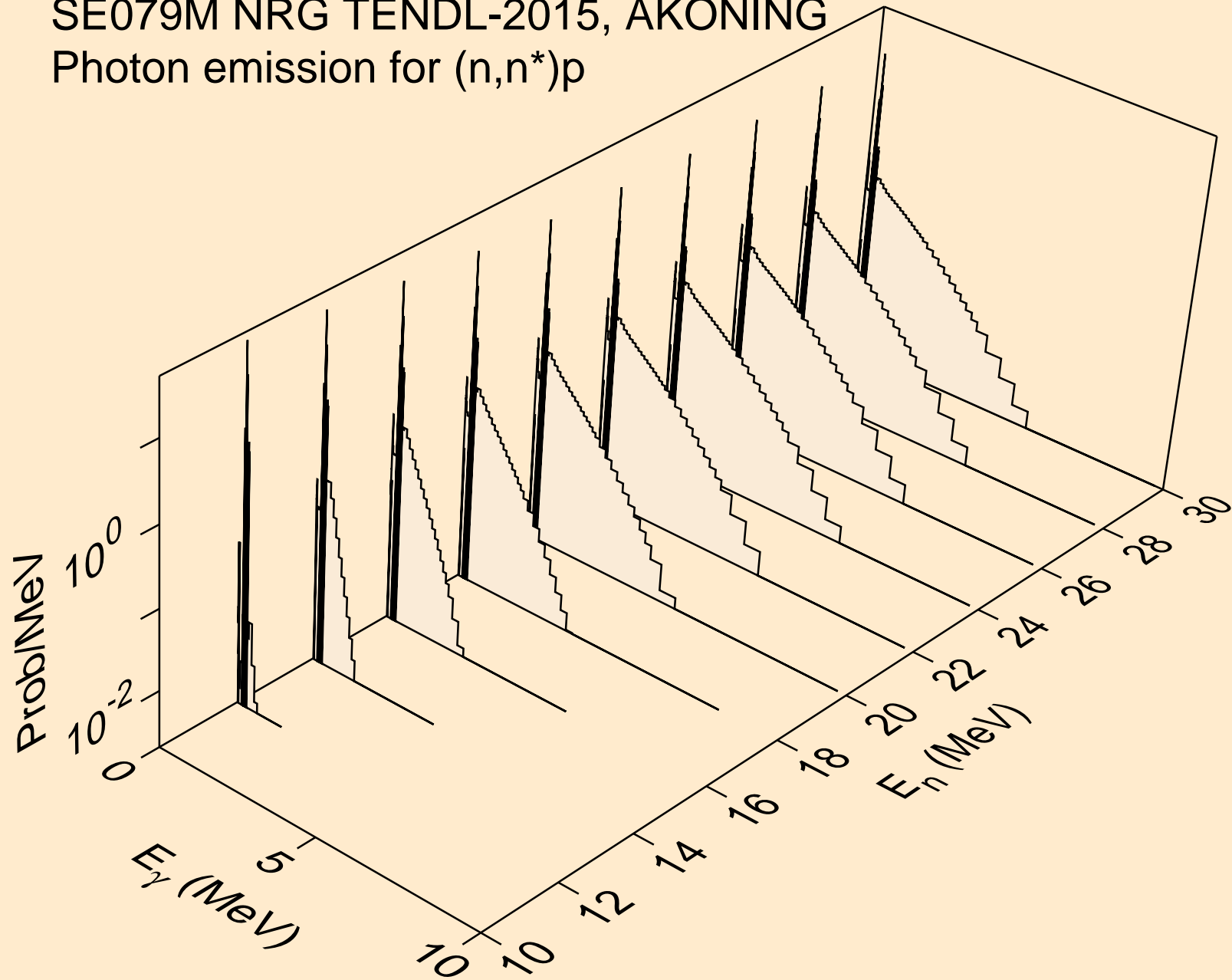




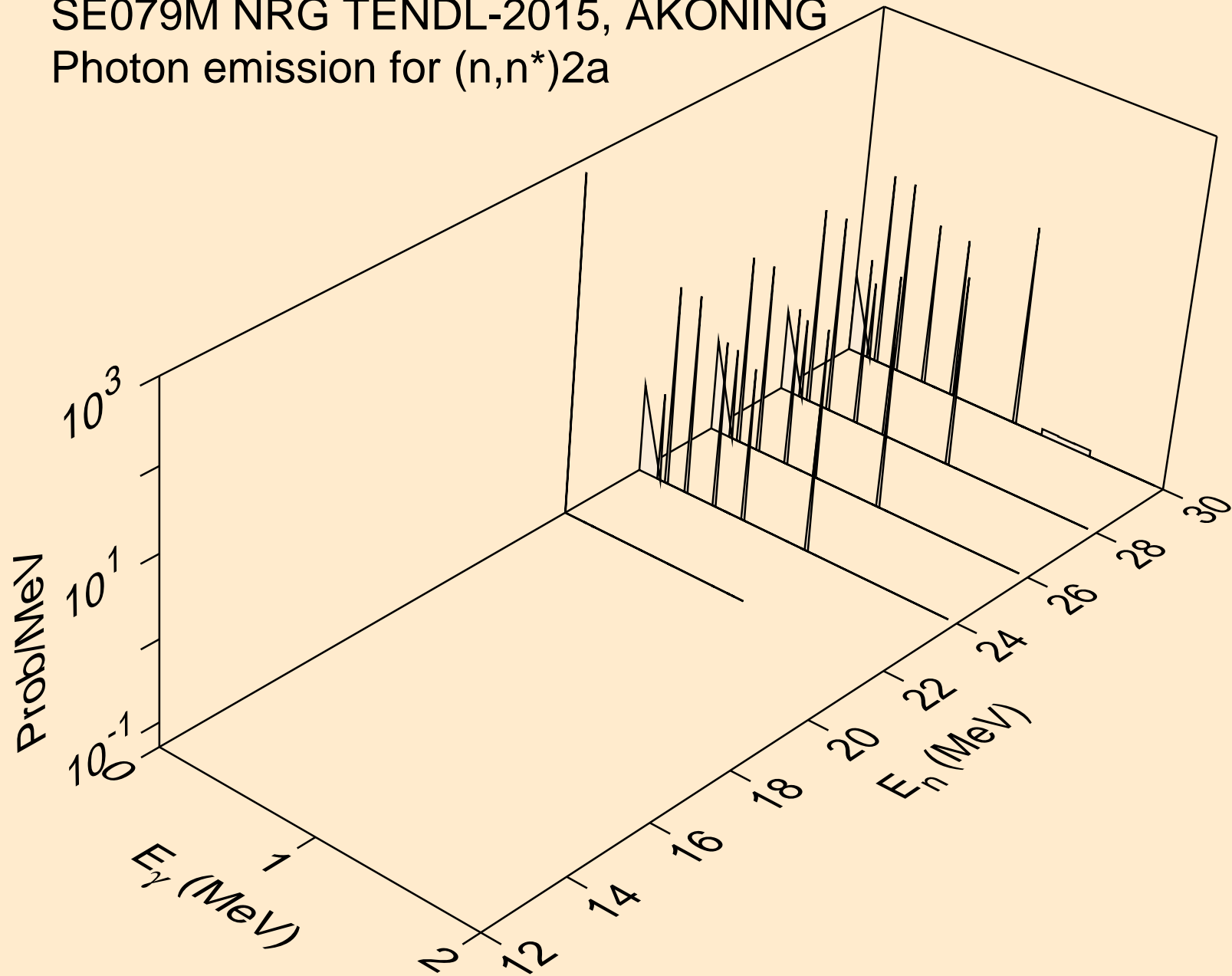
SE079M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



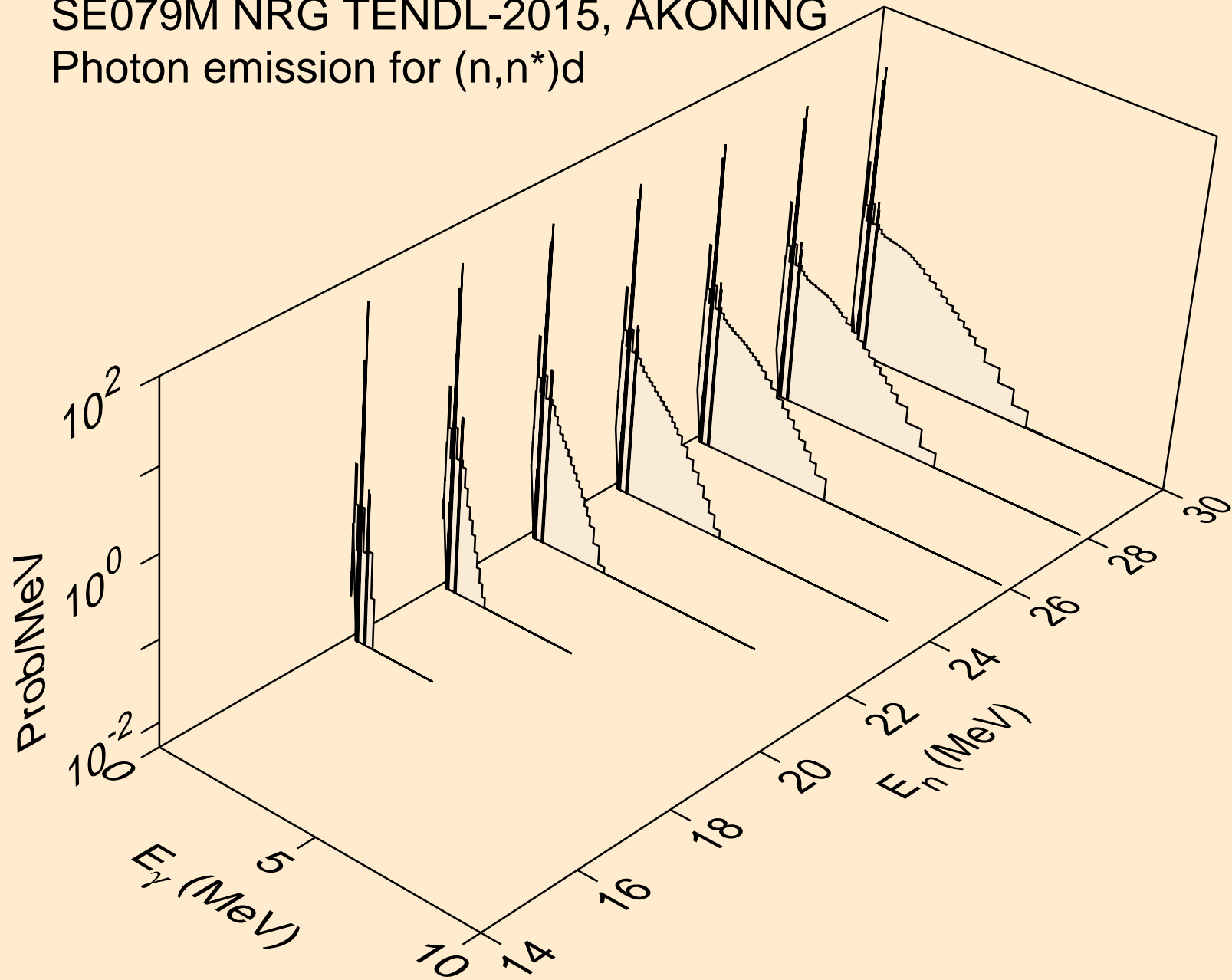
SE079M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



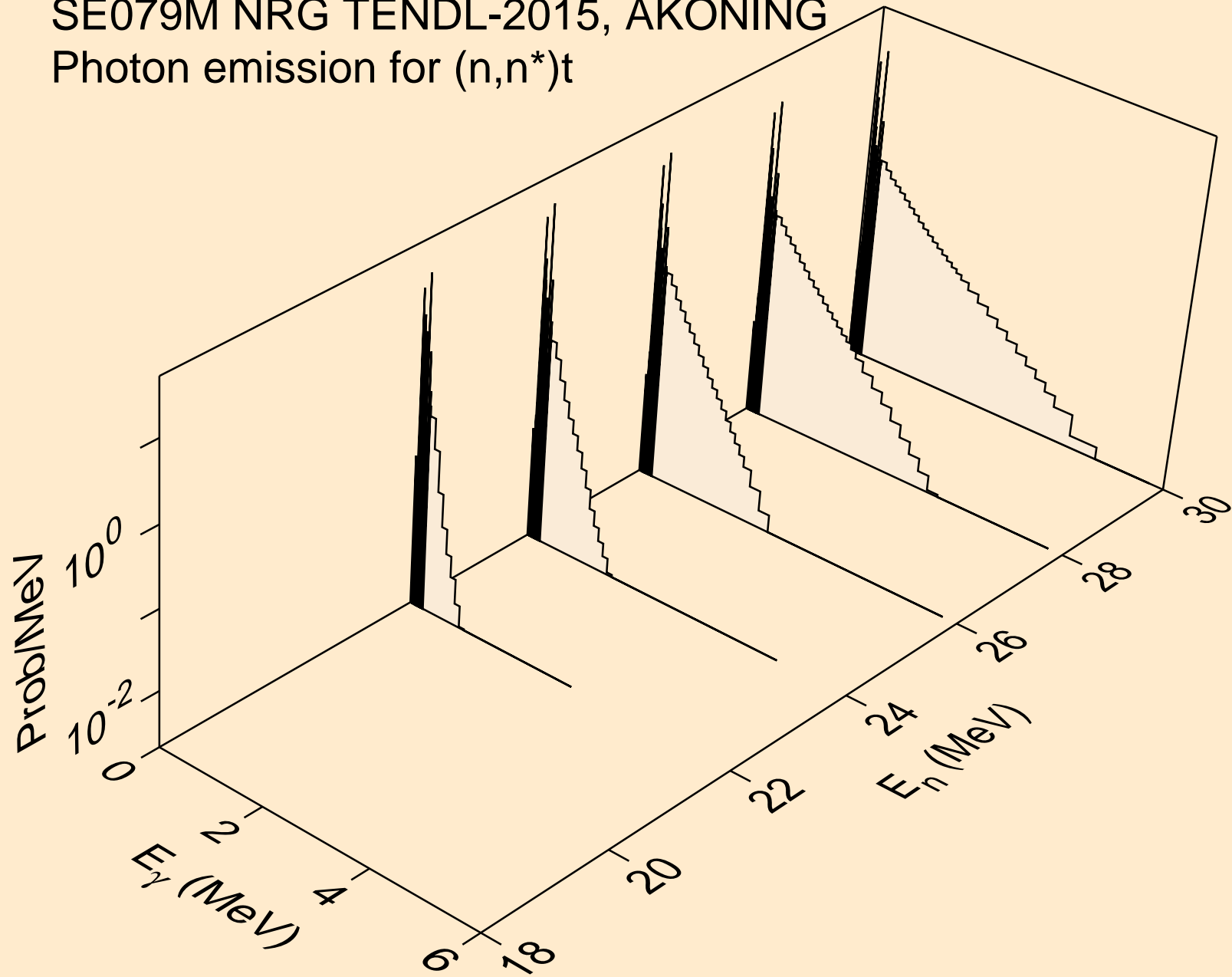
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Photon emission for (n,n\*)2a



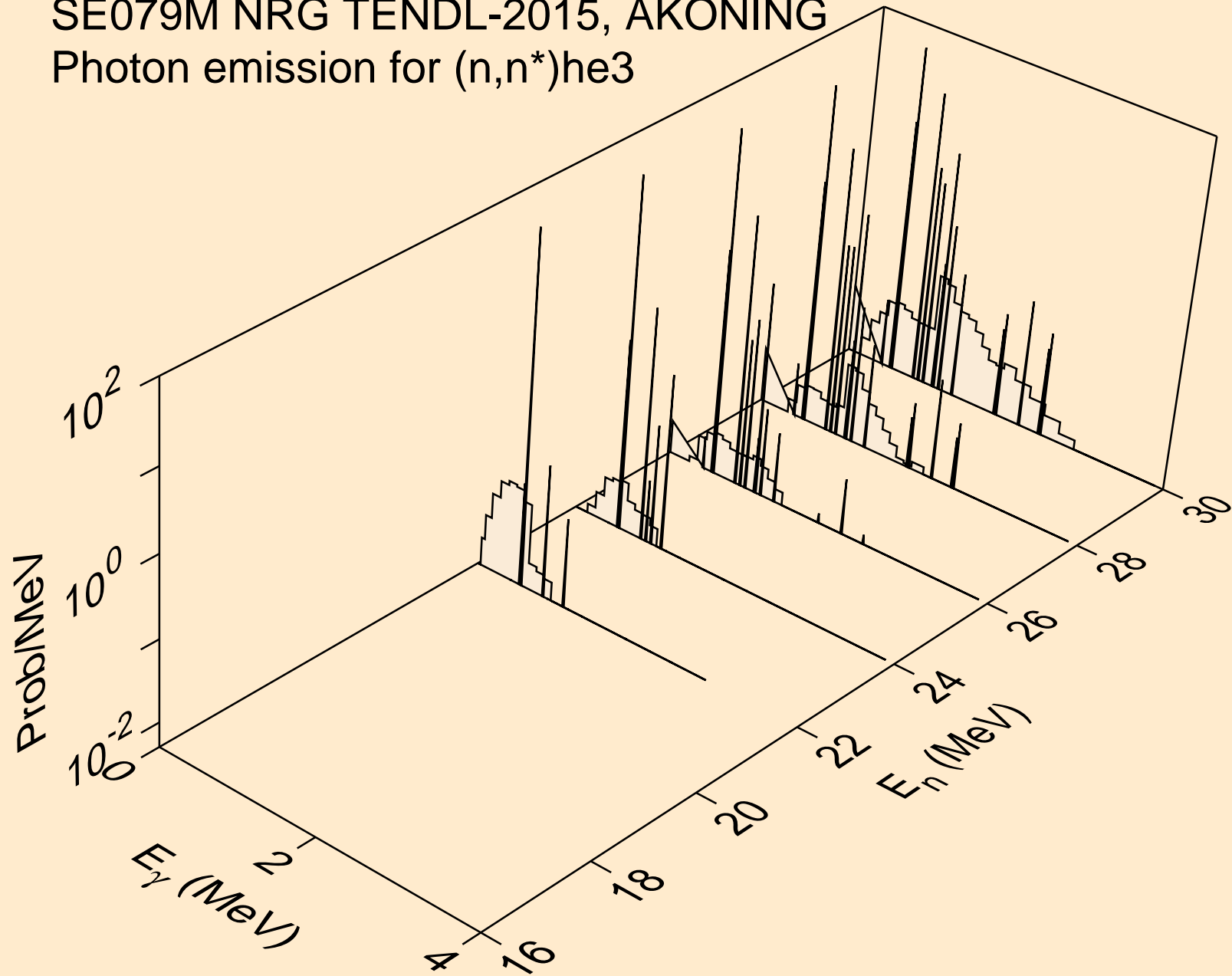
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Photon emission for (n,n\*)d



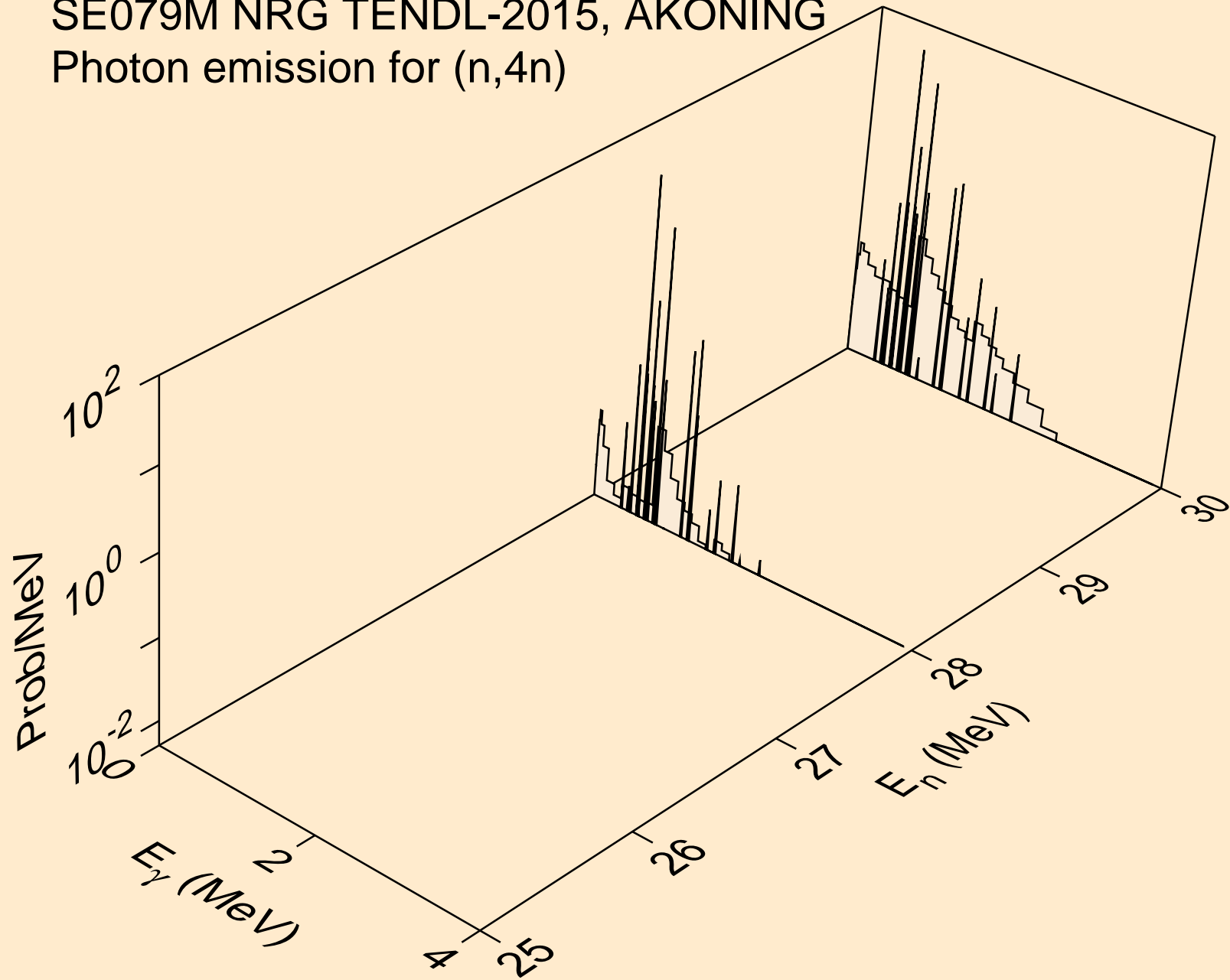
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Photon emission for (n,n\*)t



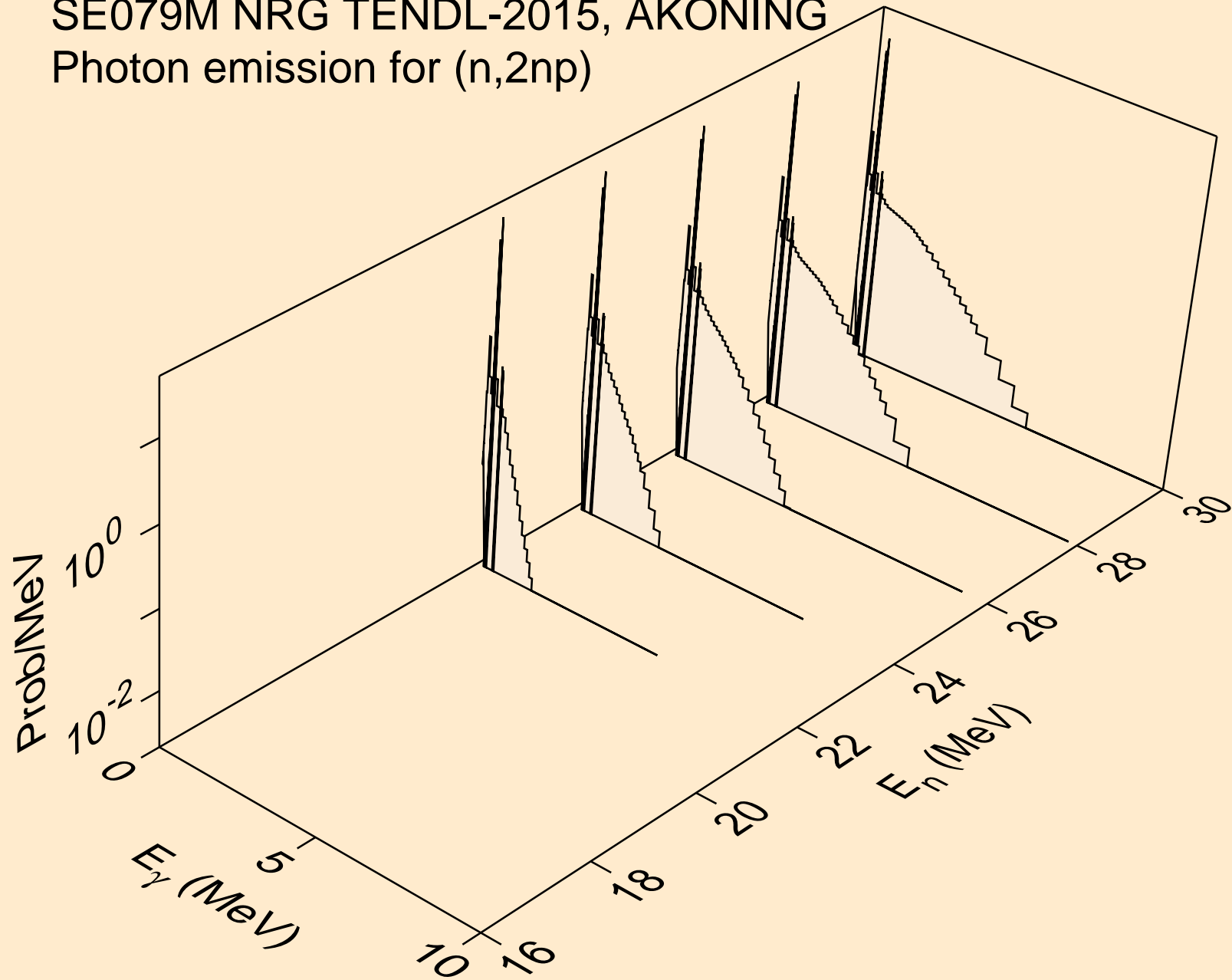
SE079M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



SE079M NRG TENDL-2015, AKONING  
Photon emission for (n,4n)

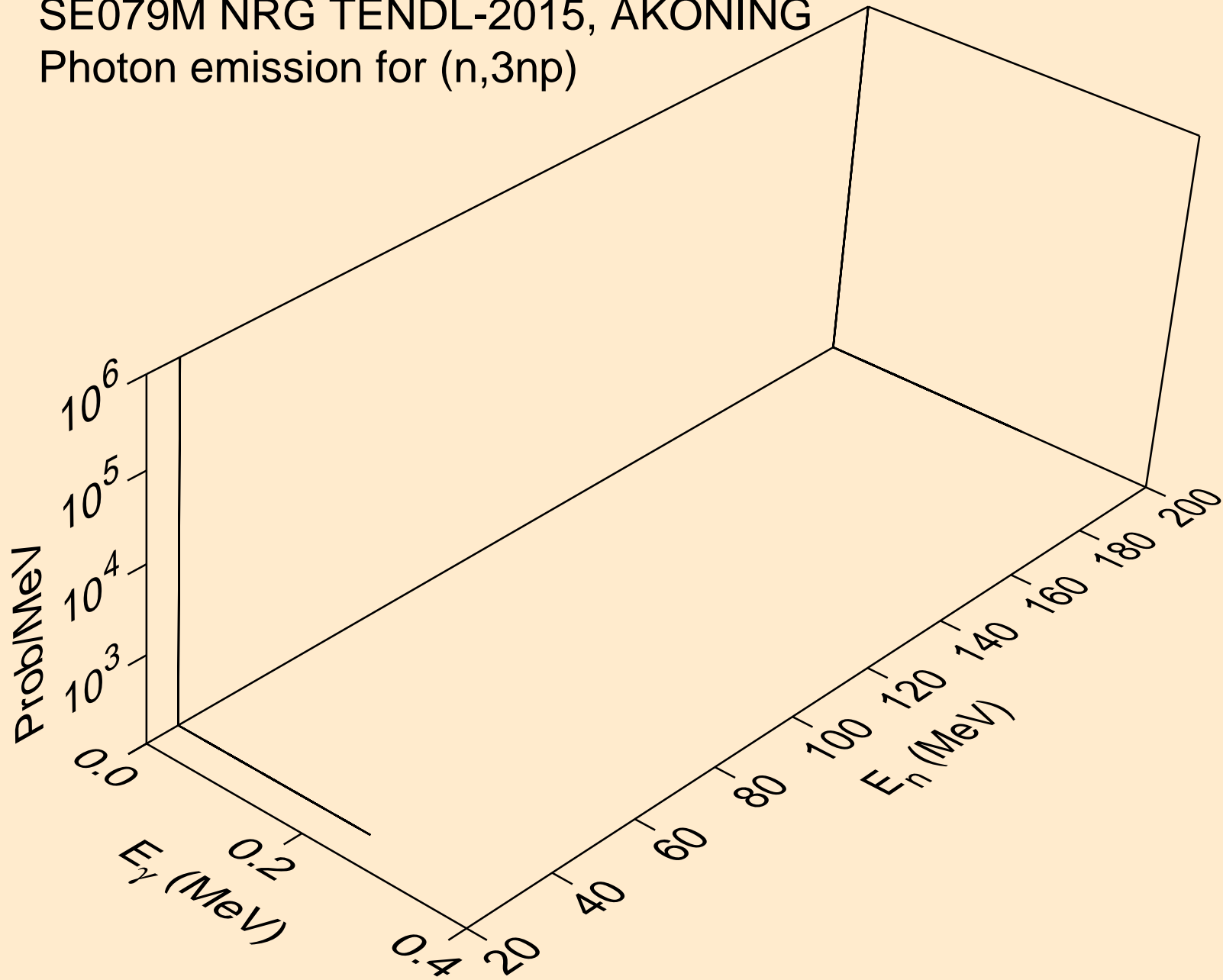


SE079M NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

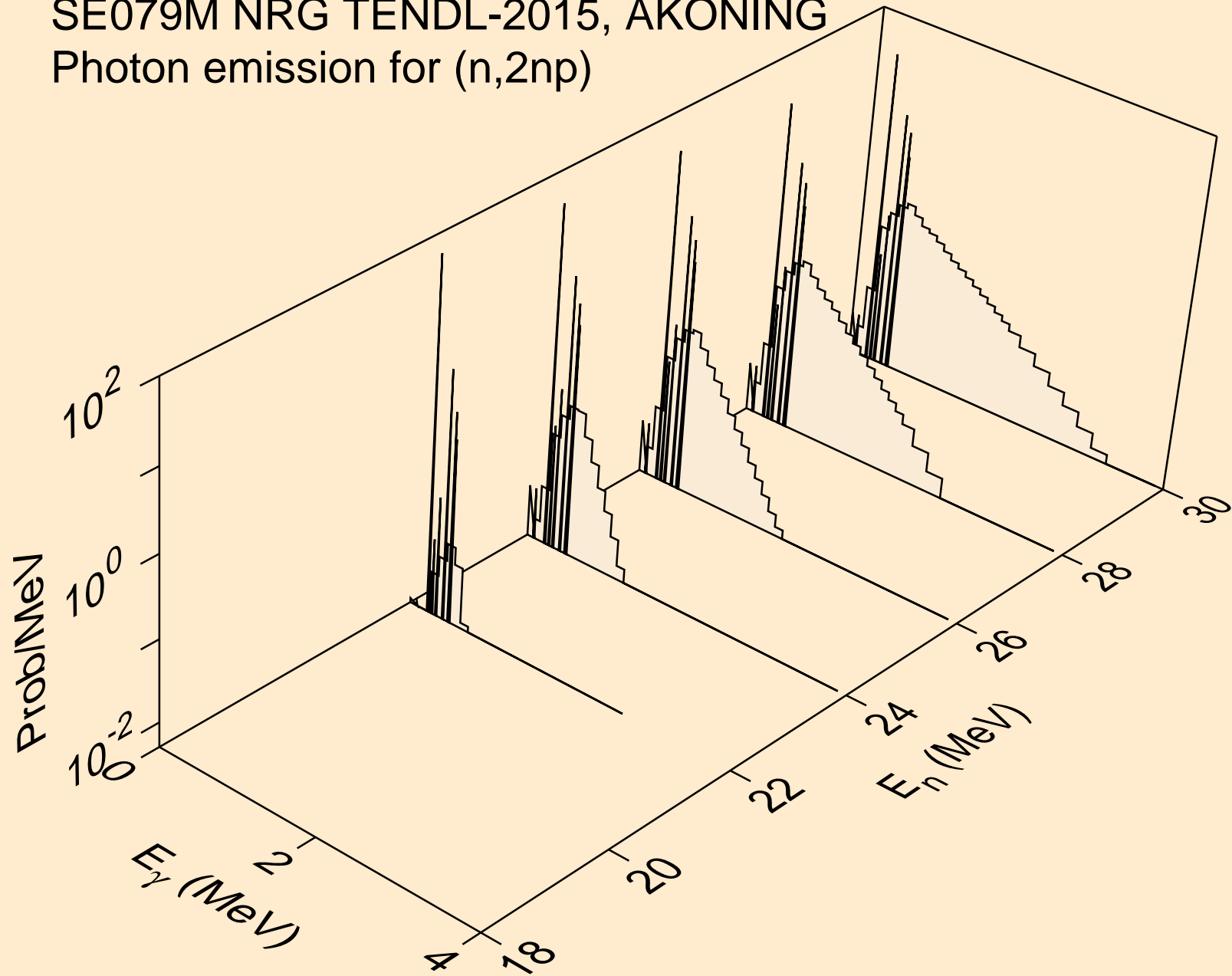




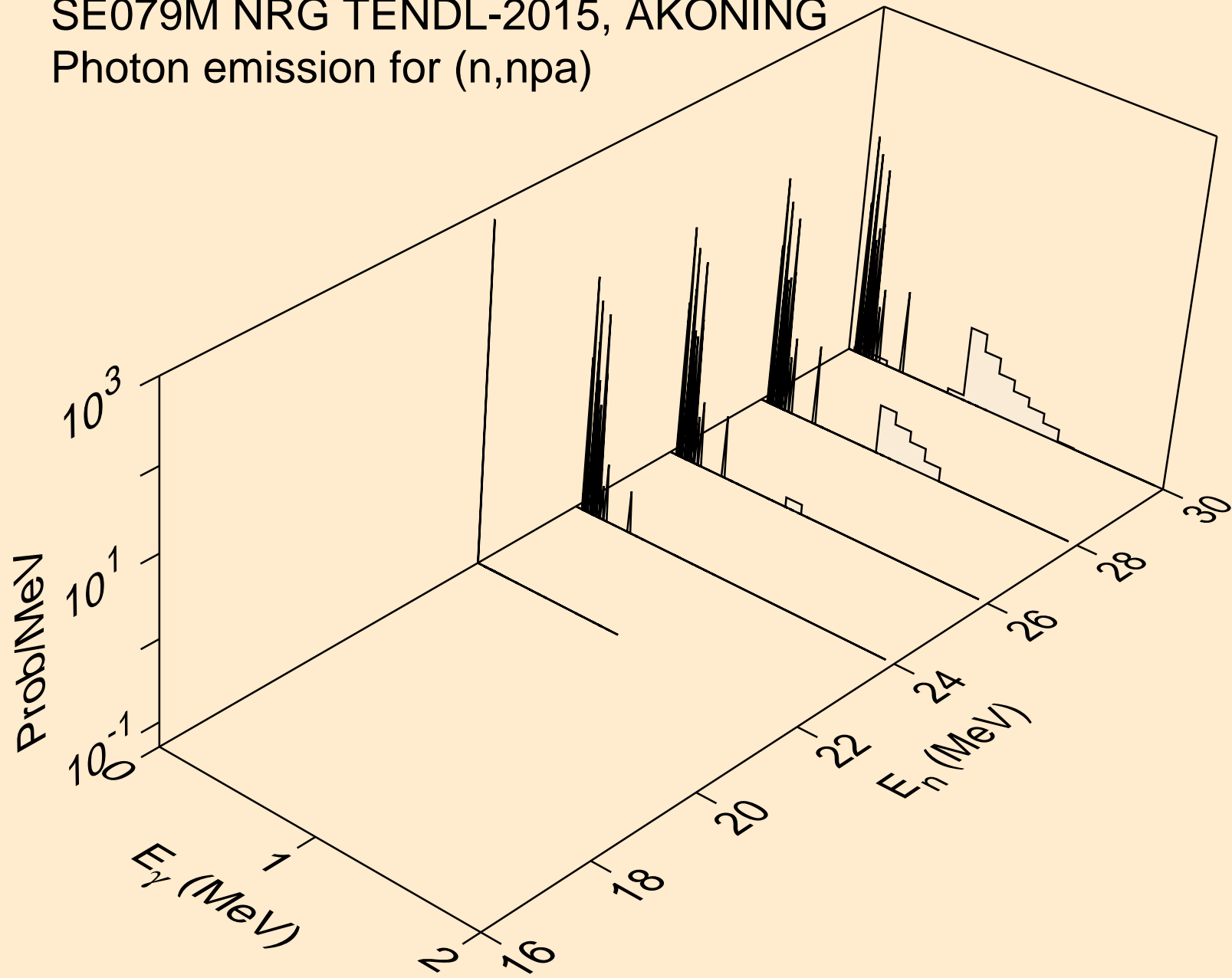
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Photon emission for (n,3np)



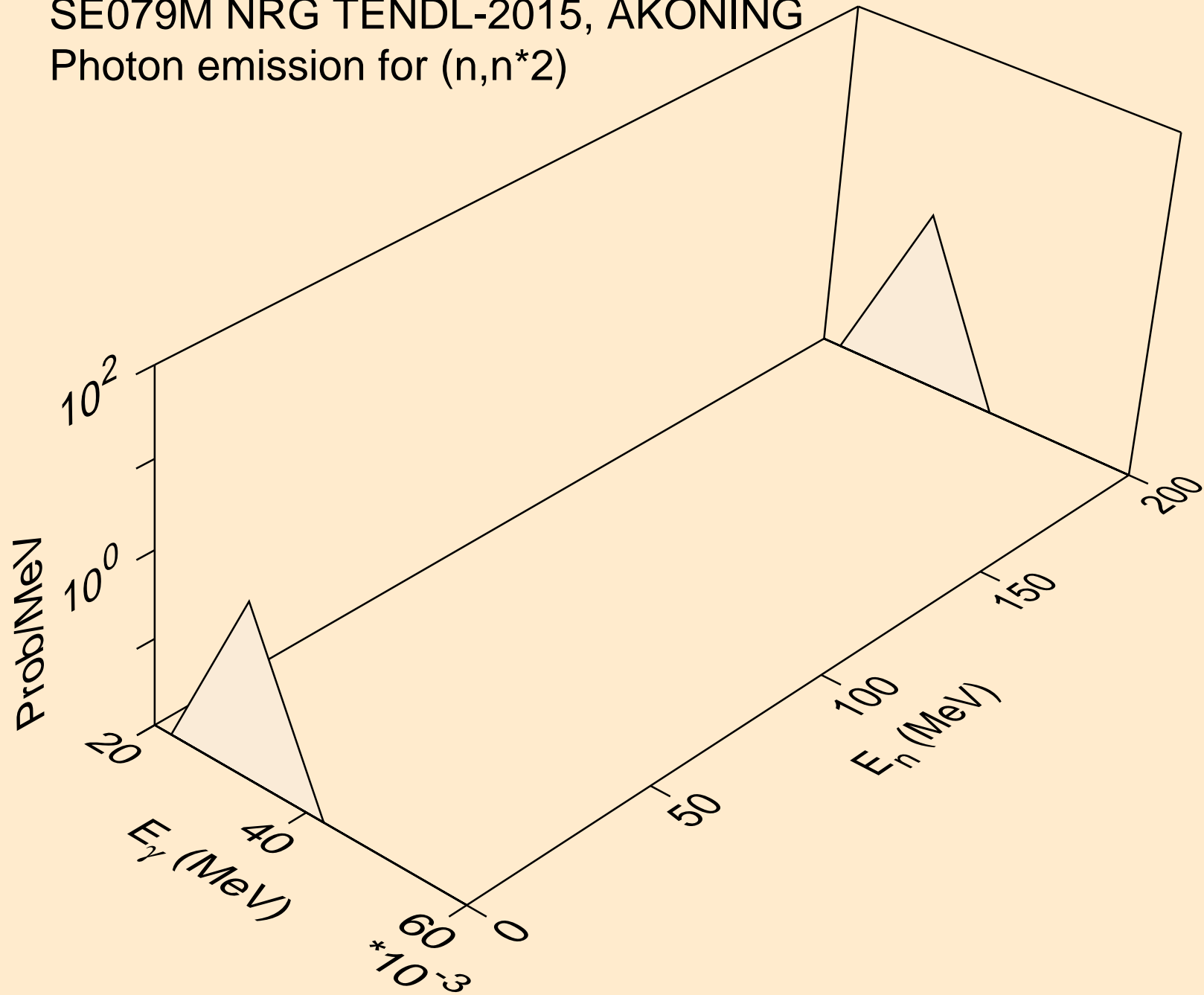
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Photon emission for (n,2np)



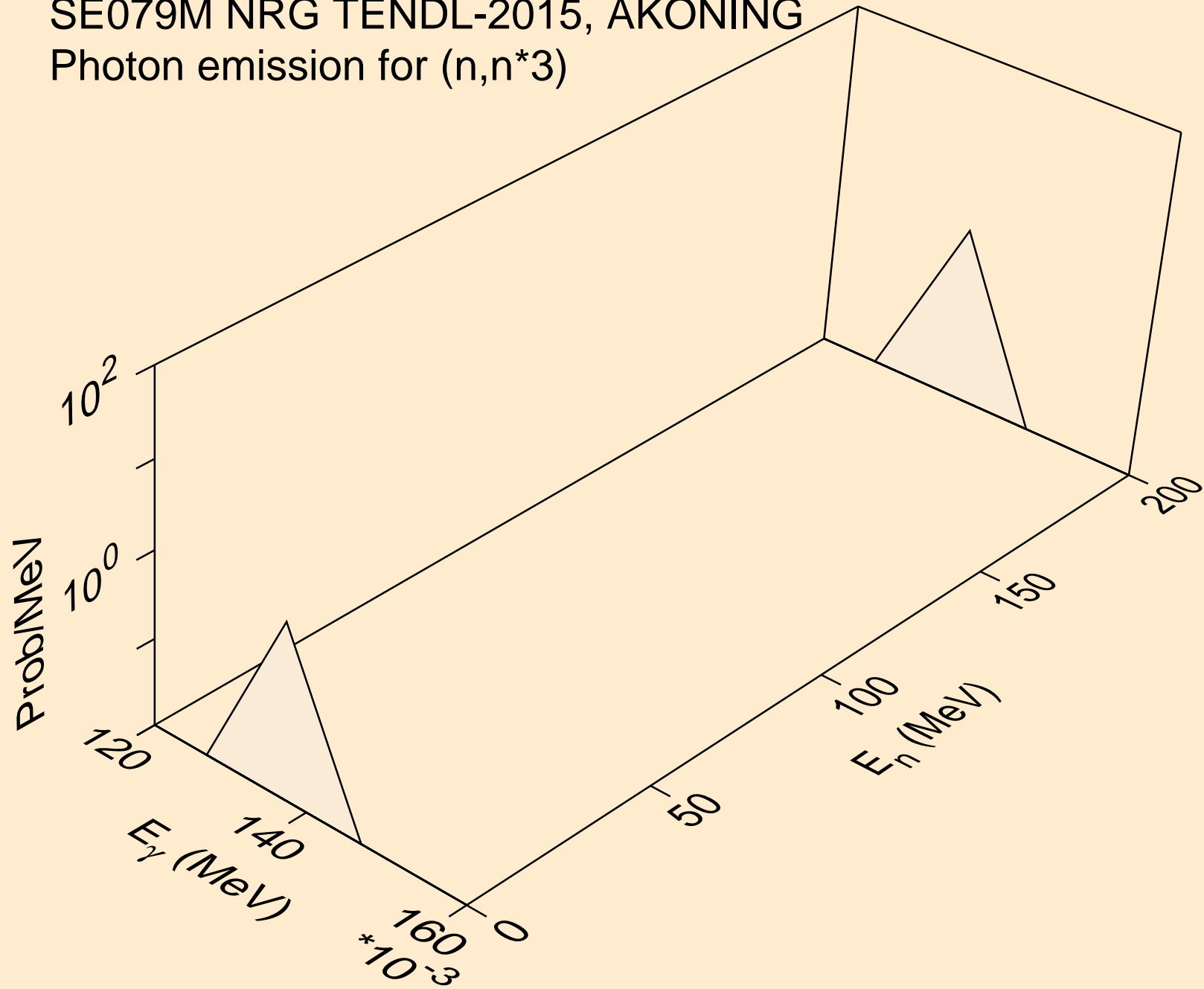
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Photon emission for (n,npa)



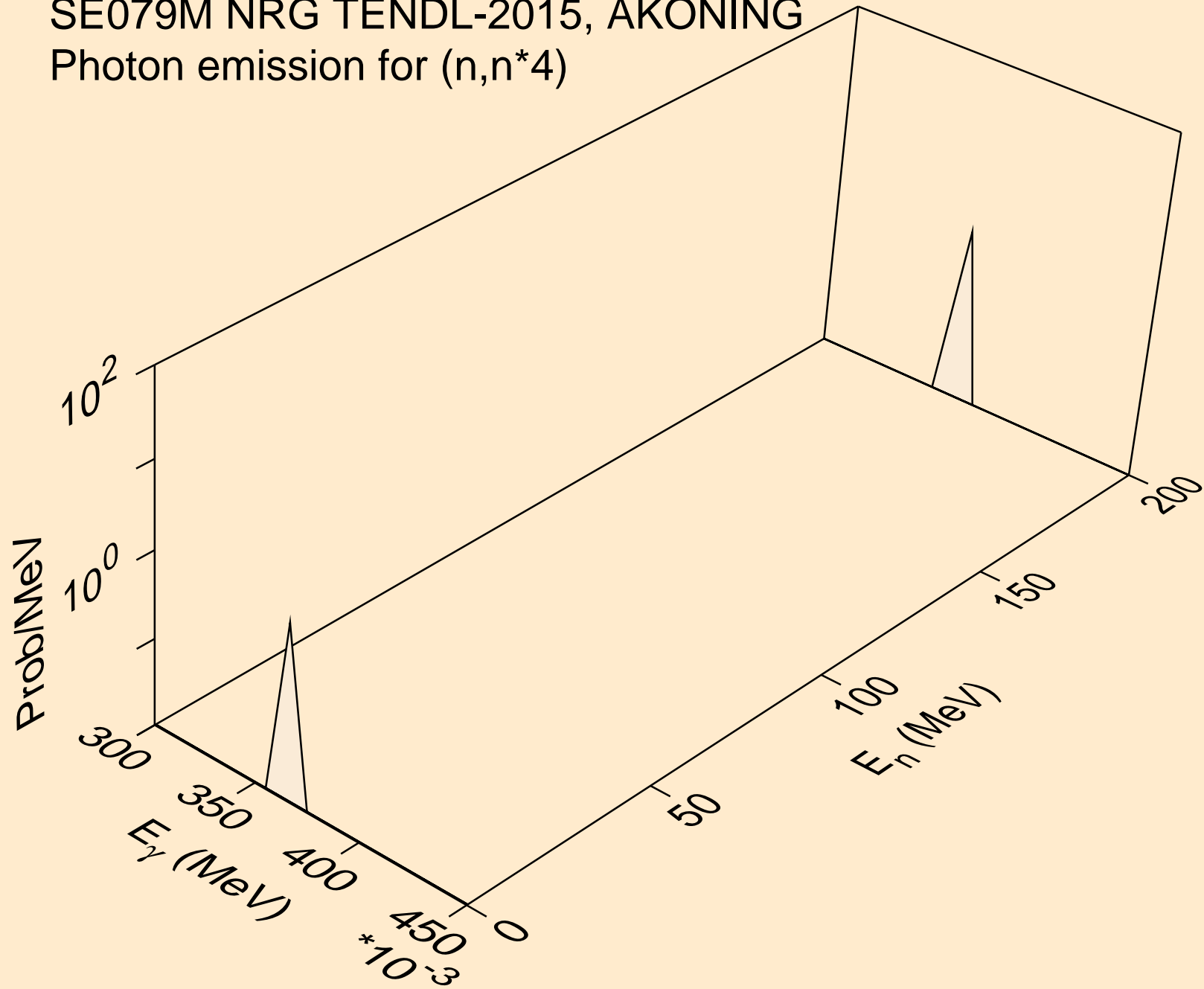
SE079M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*2)



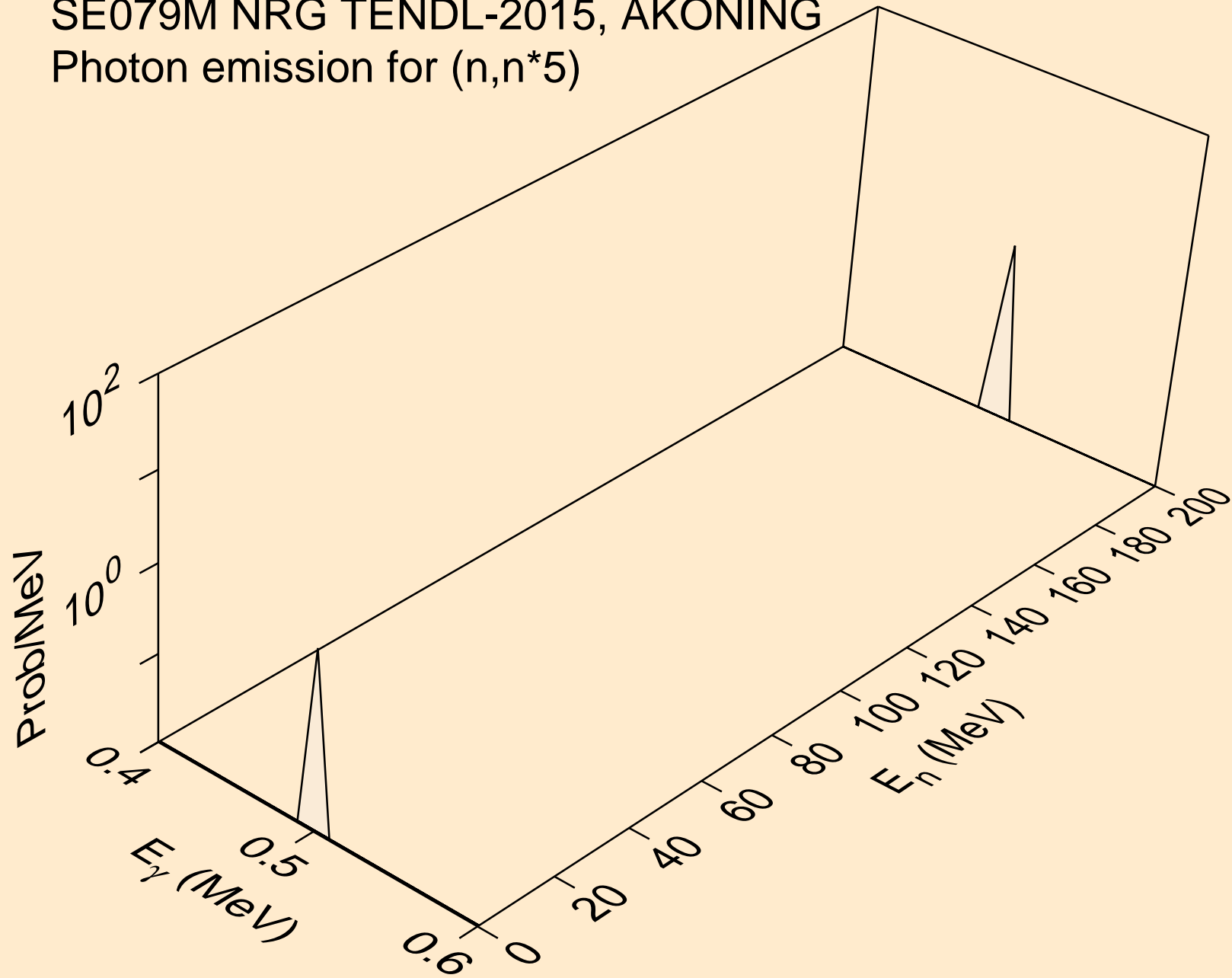
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Photon emission for (n,n\*3)



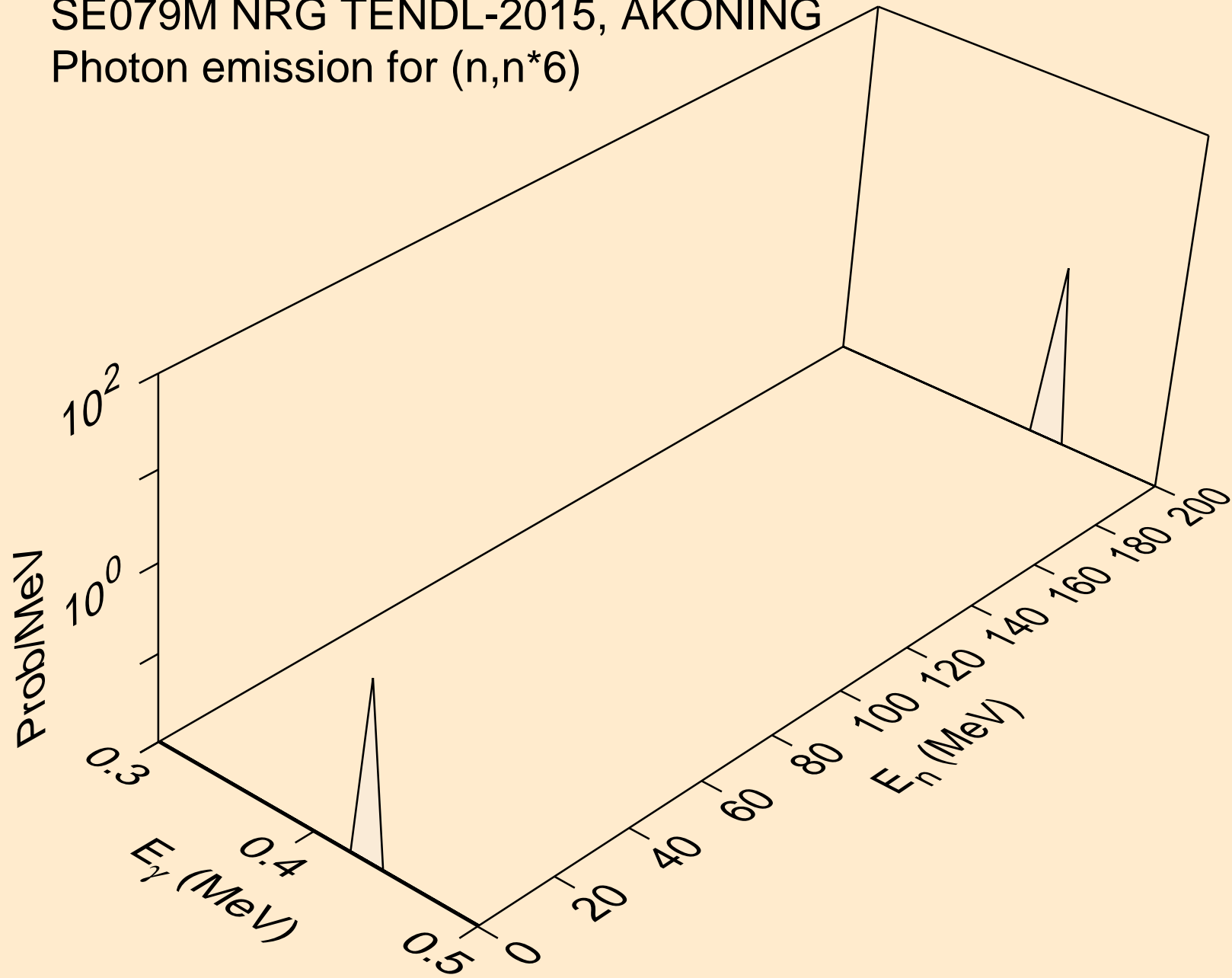
SE079M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*4)



SE079M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*5)

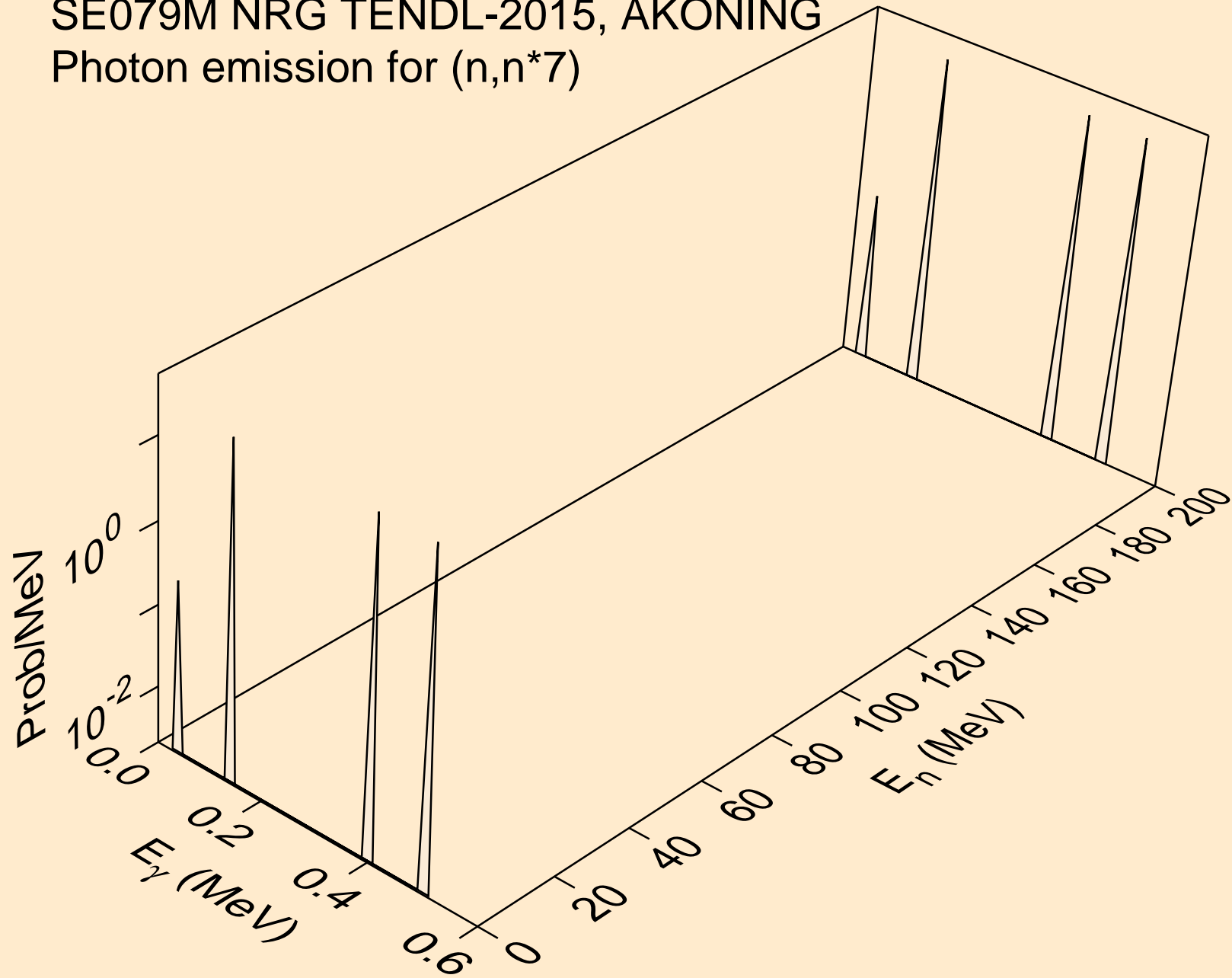


SE079M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*6)

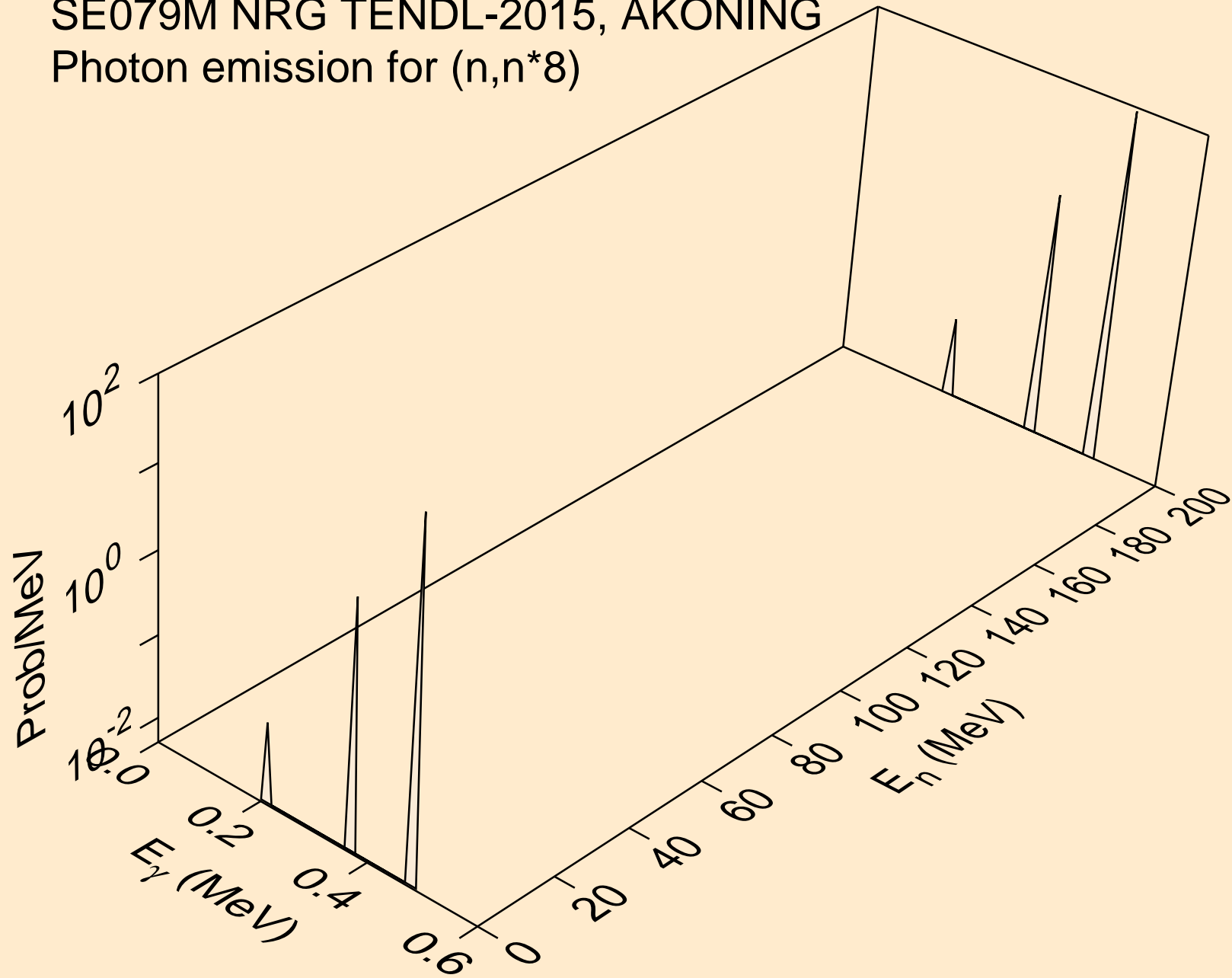




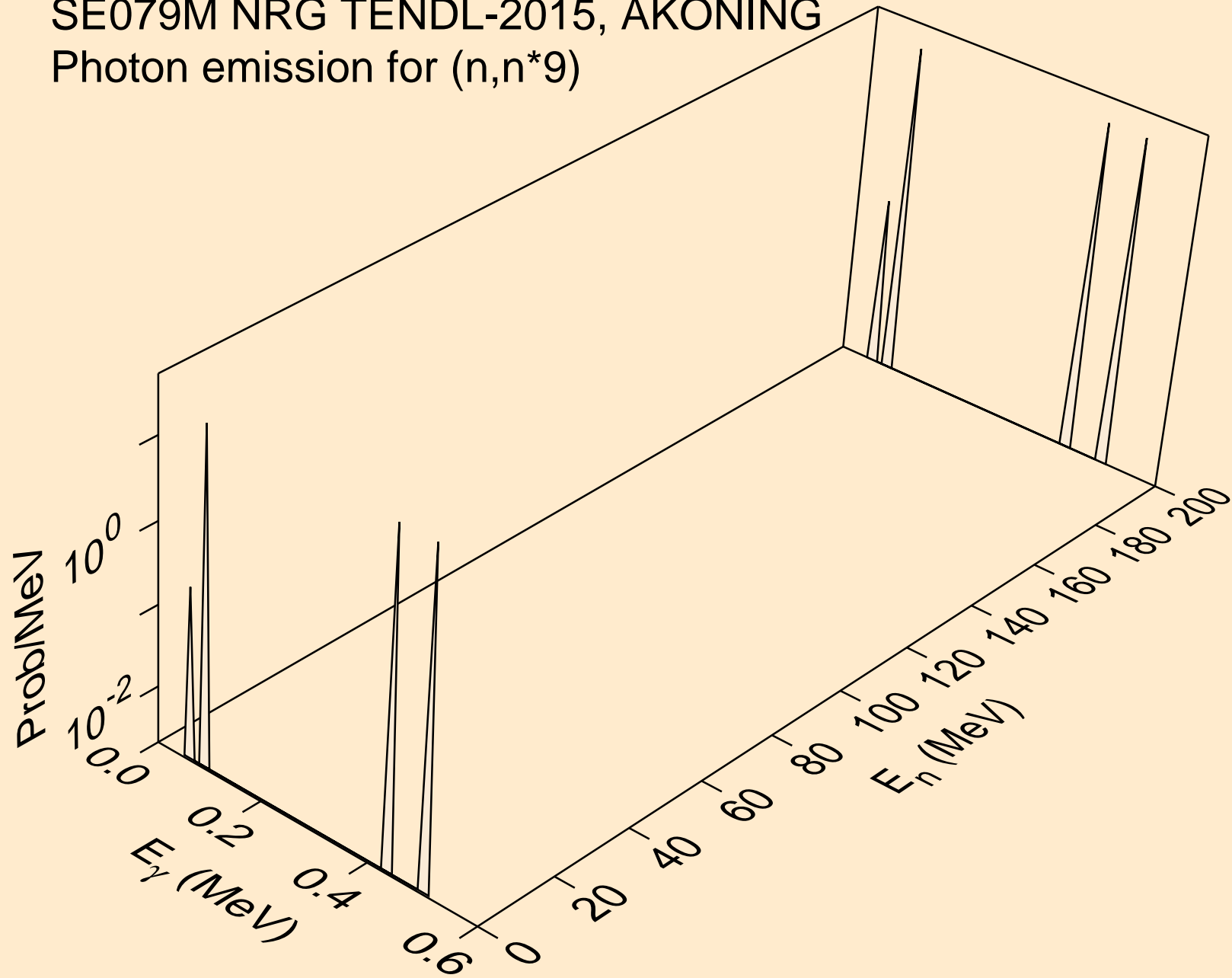
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Photon emission for (n,n\*7)



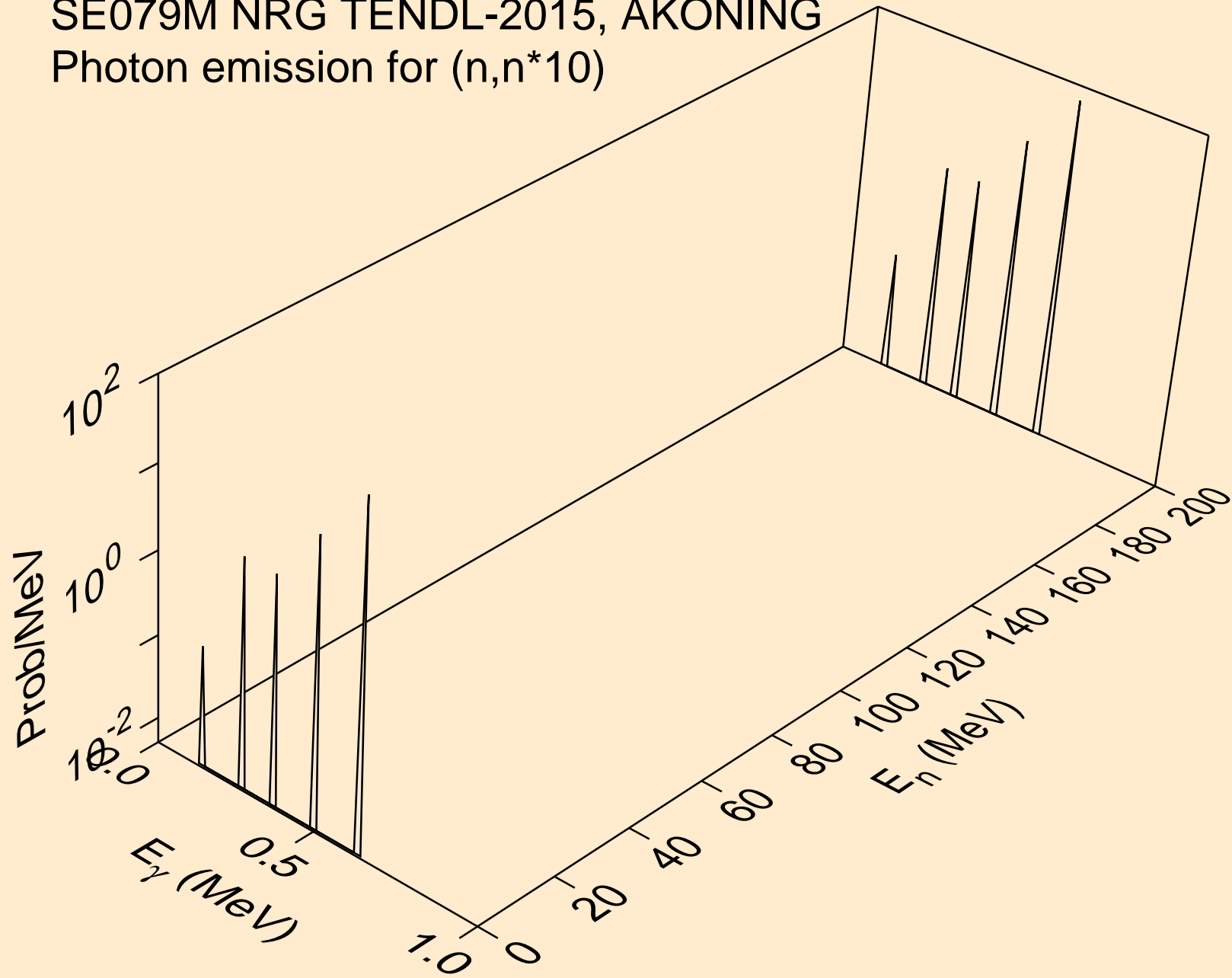
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Photon emission for (n,n\*8)



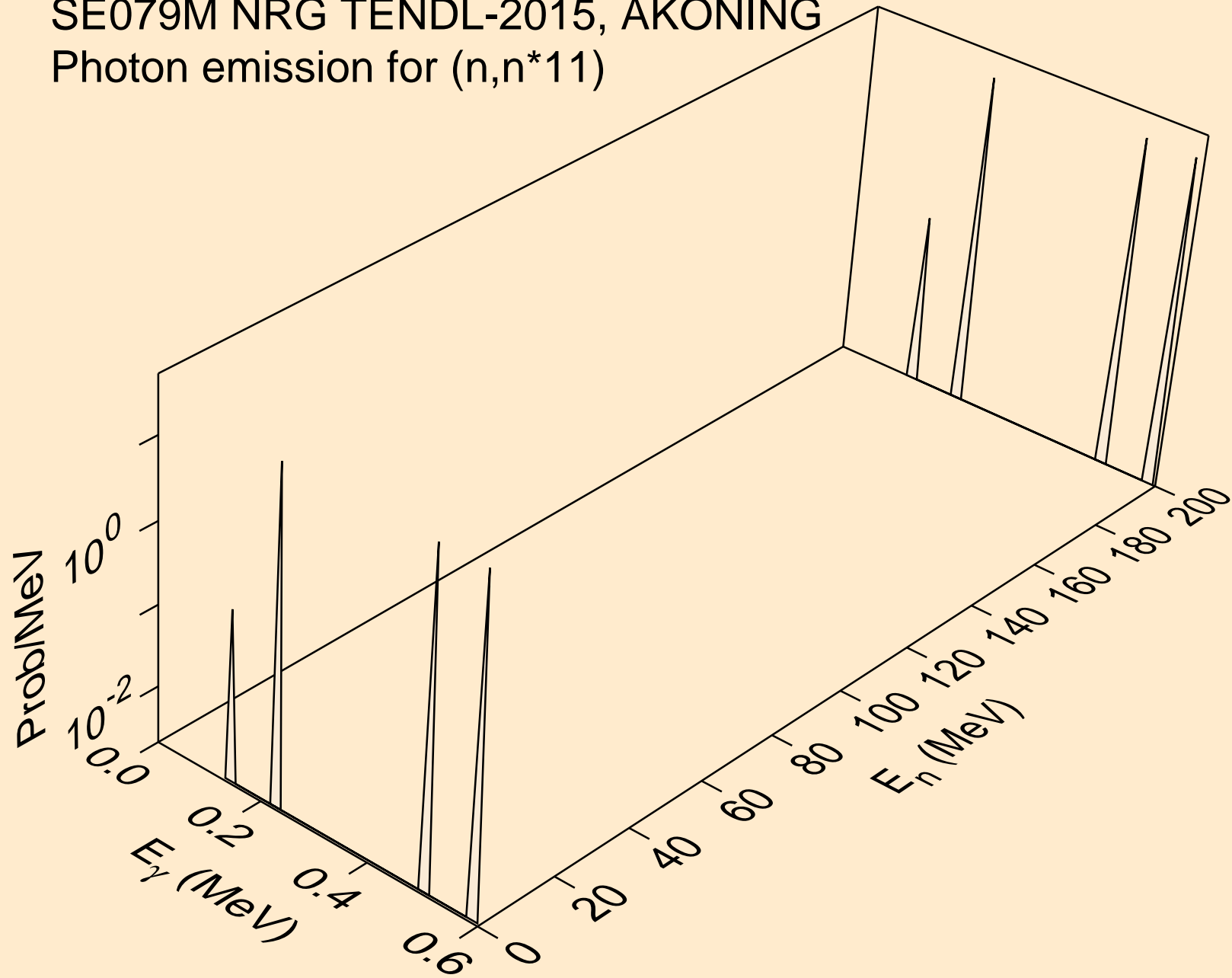
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Photon emission for (n,n\*9)



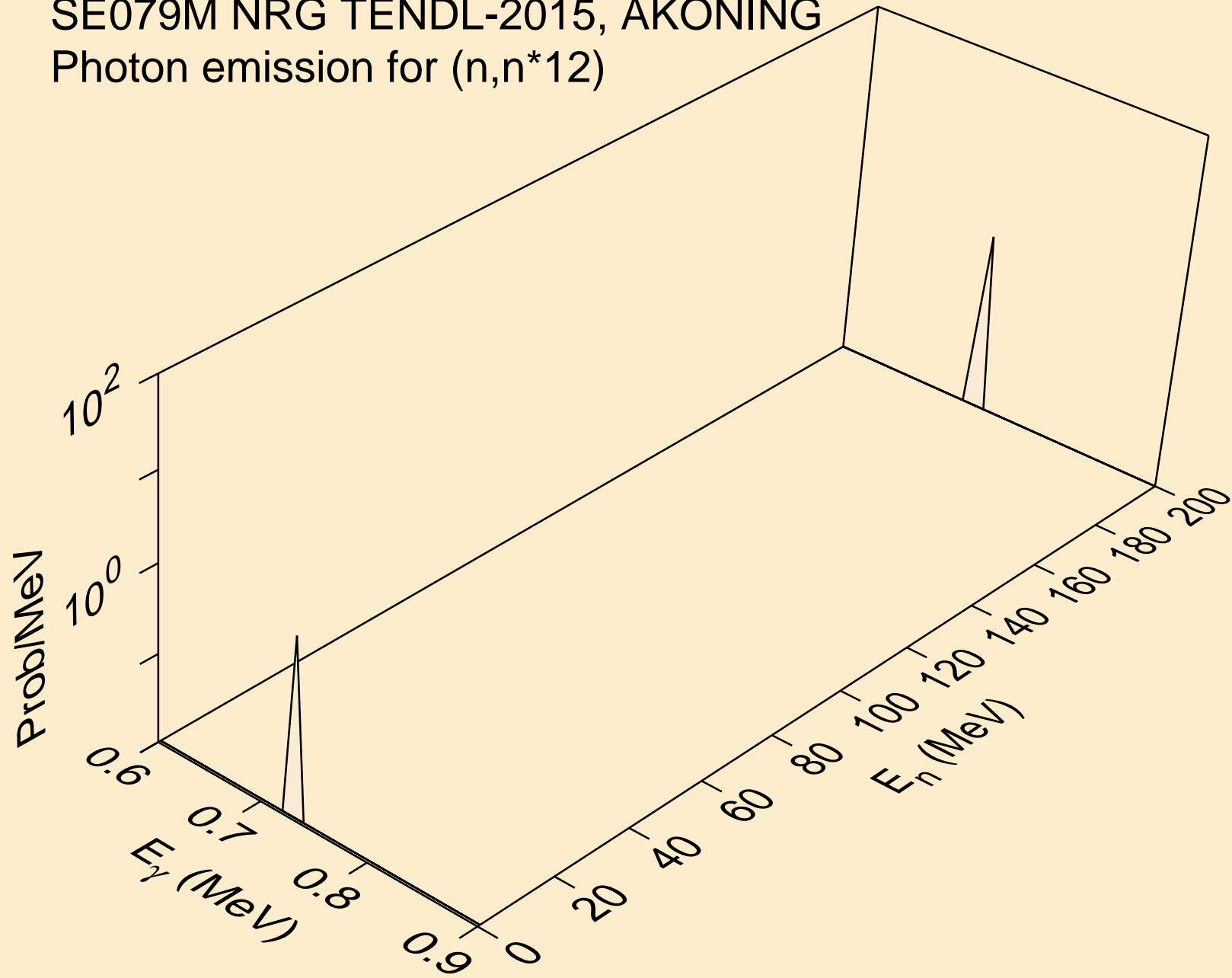
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Photon emission for (n,n\*10)



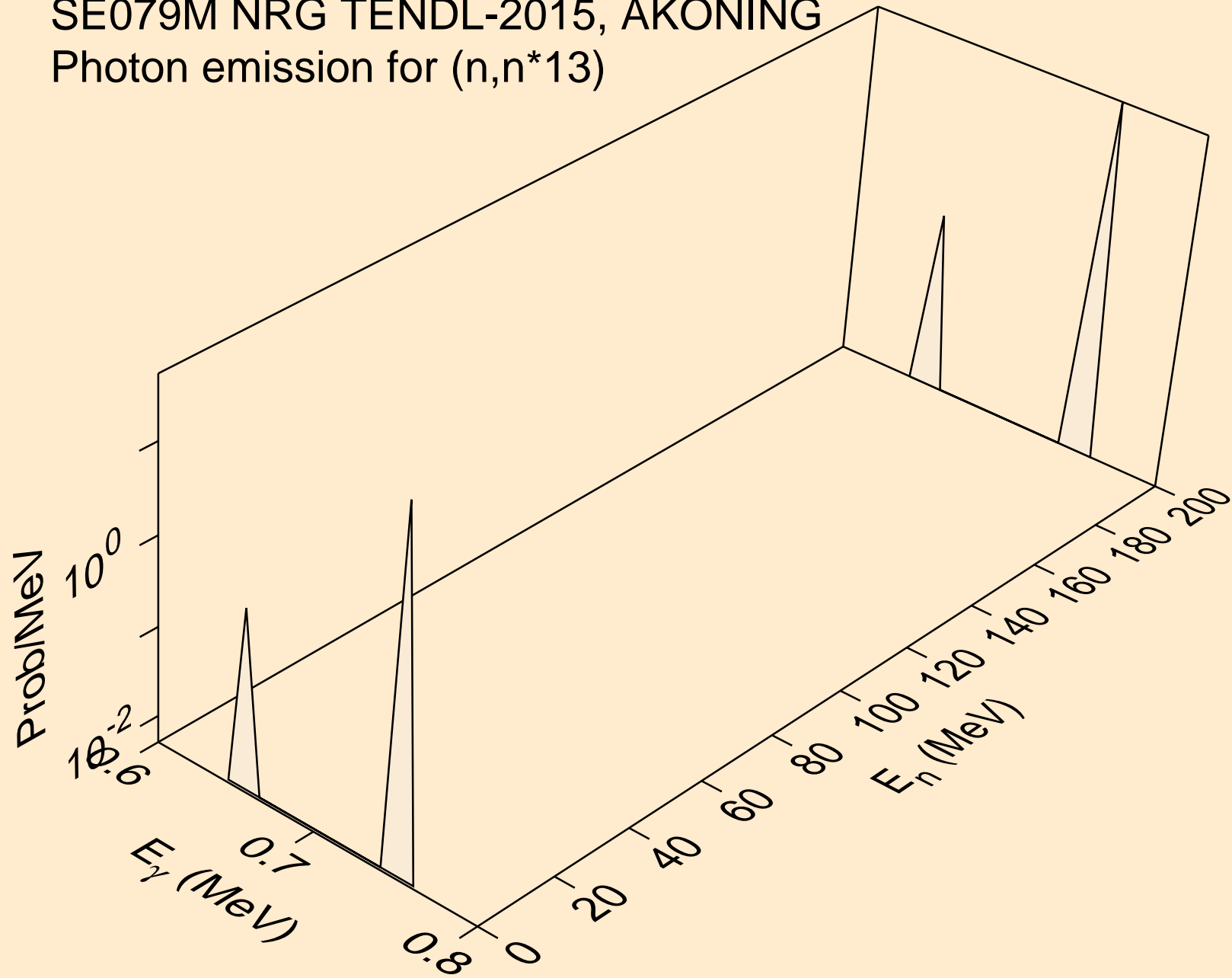
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Photon emission for (n,n\*11)



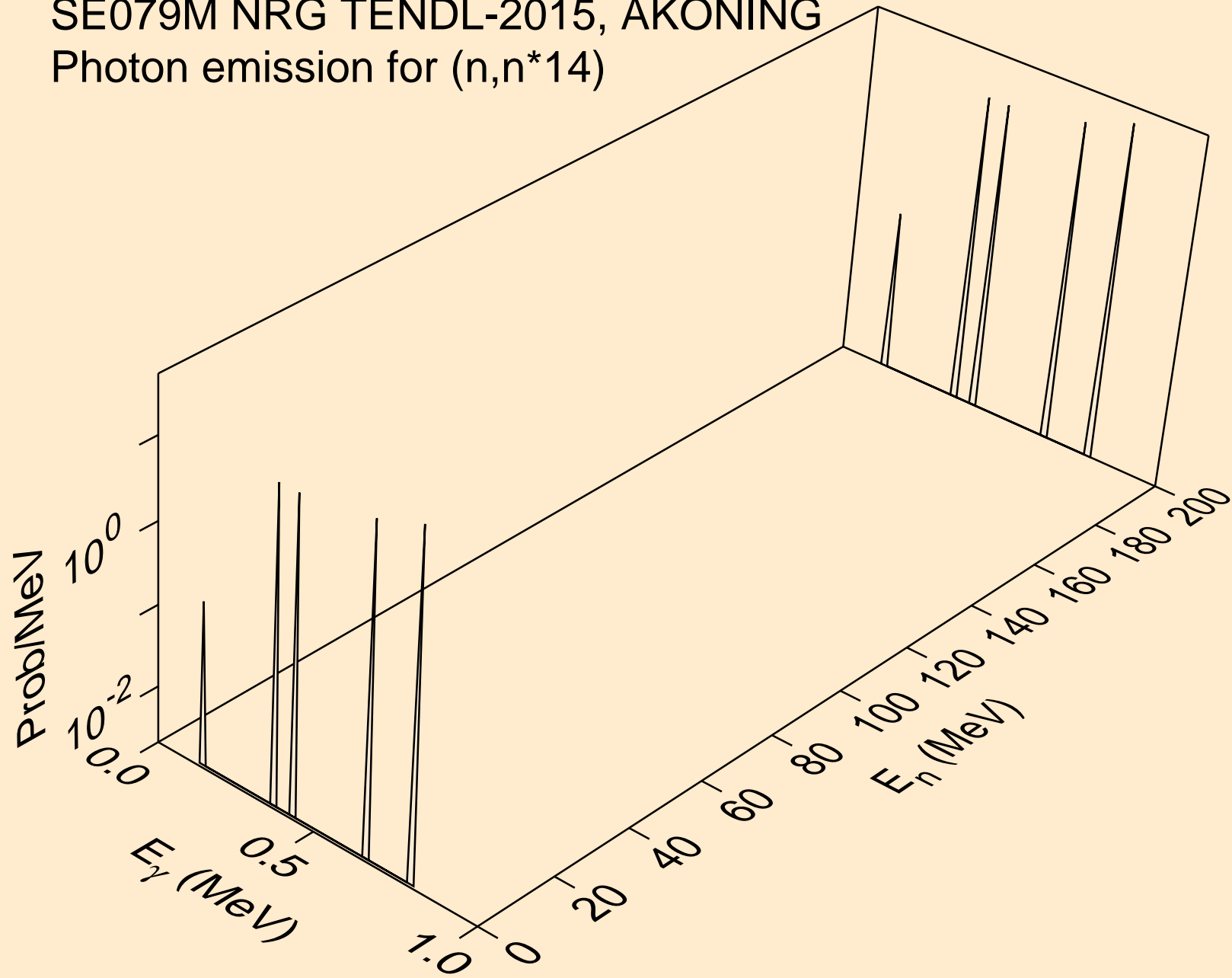
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Photon emission for (n,n\*12)



SE079M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*13)

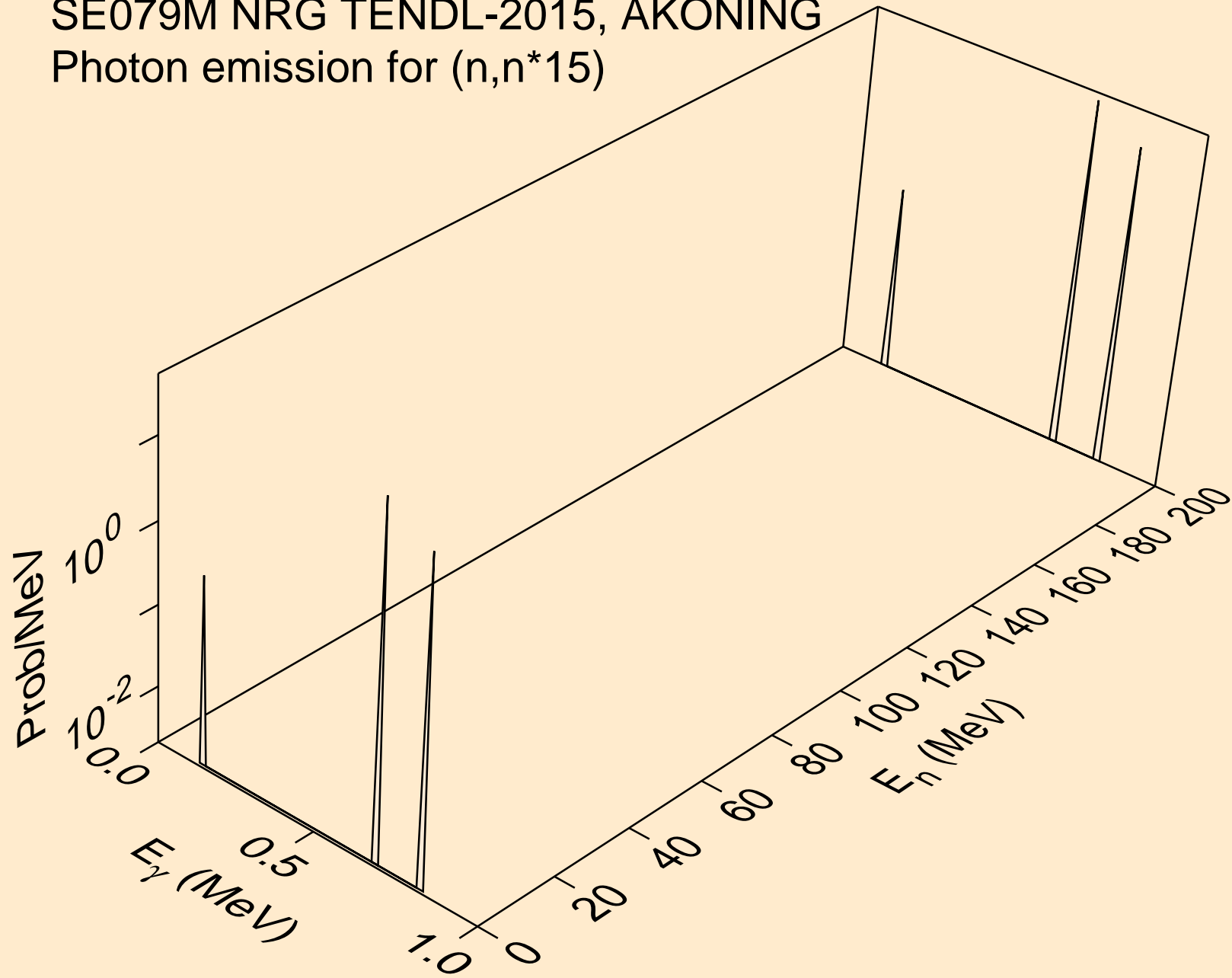


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Photon emission for (n,n\*14)

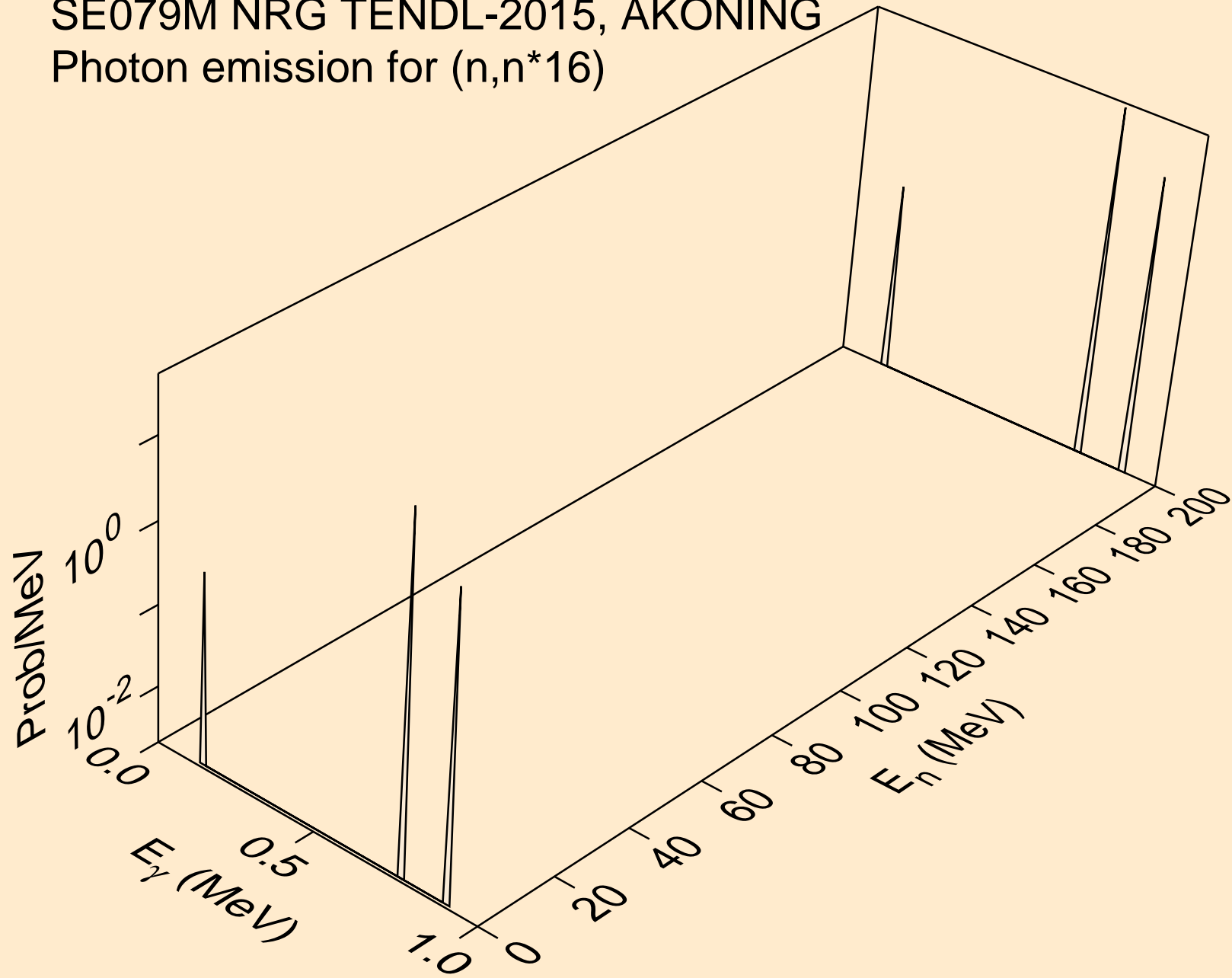




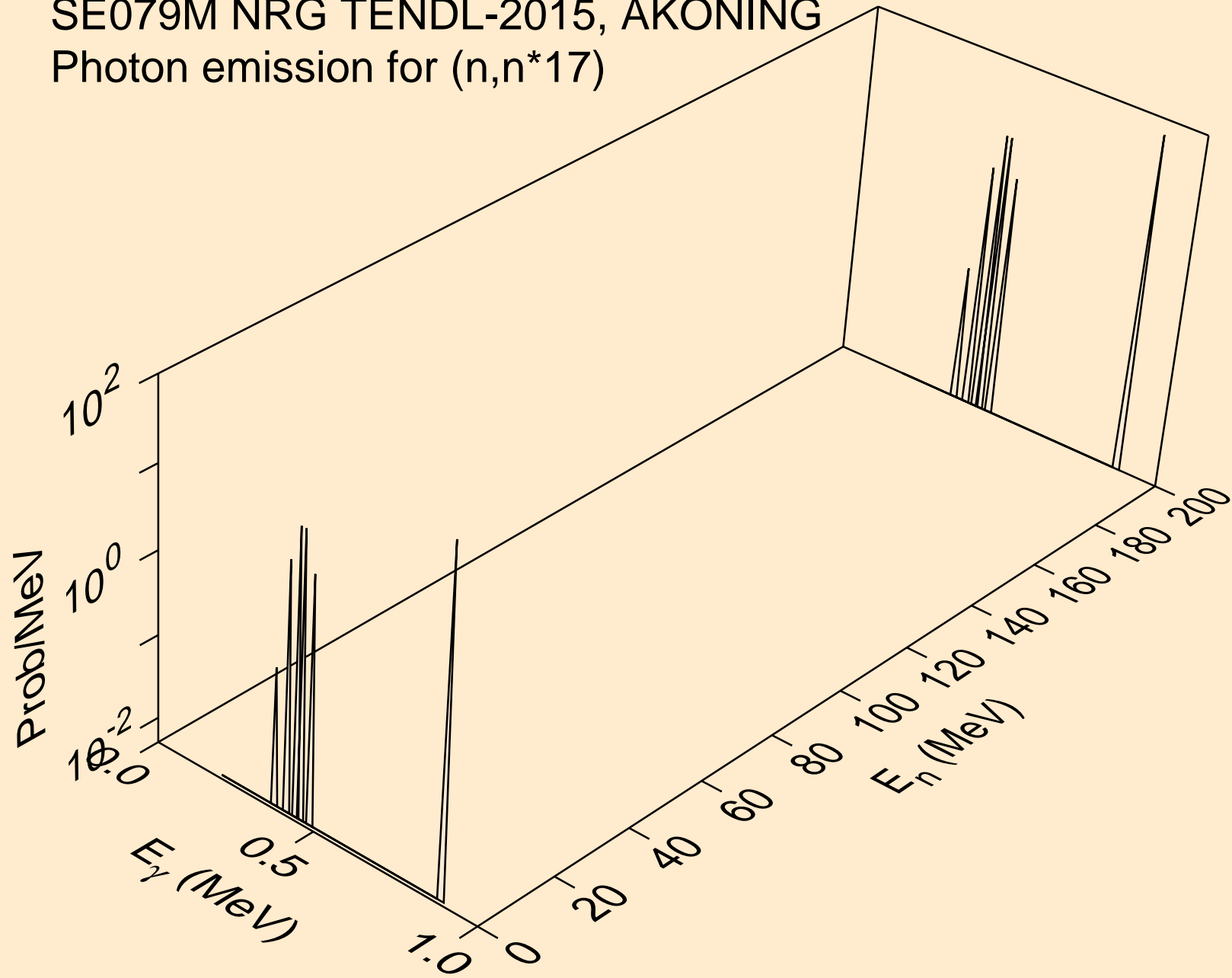
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Photon emission for (n,n\*15)



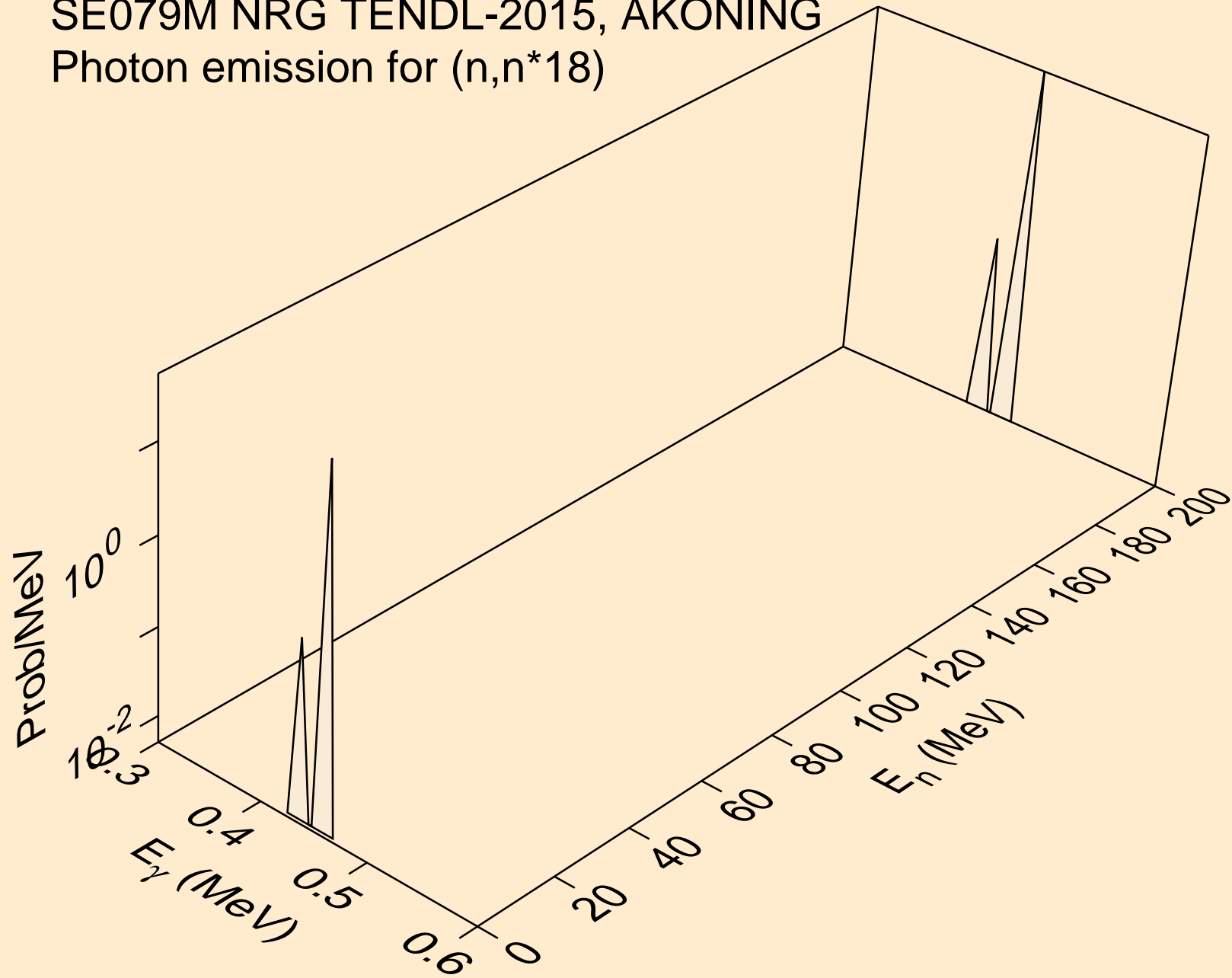
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Photon emission for (n,n\*16)



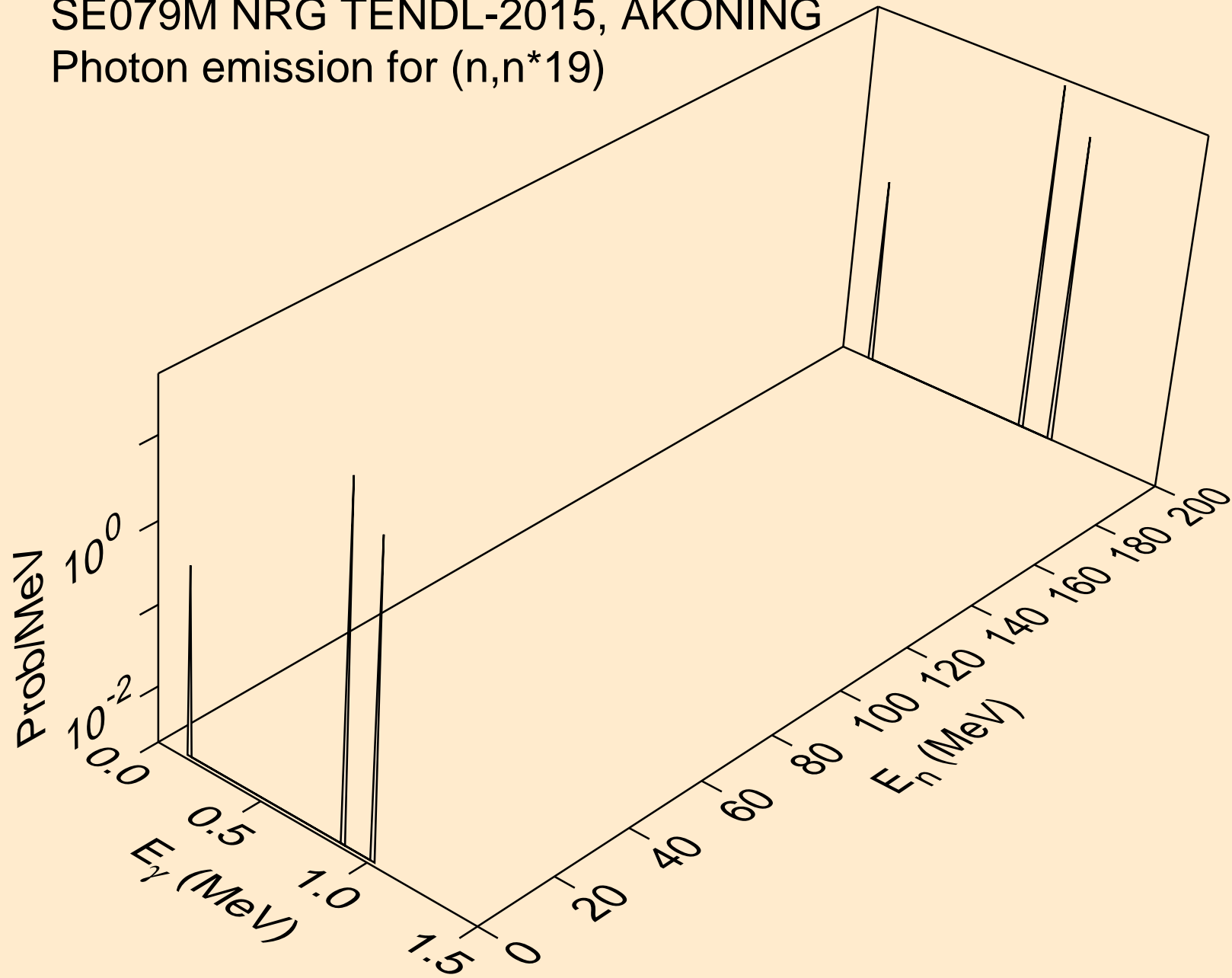
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Photon emission for (n,n\*17)



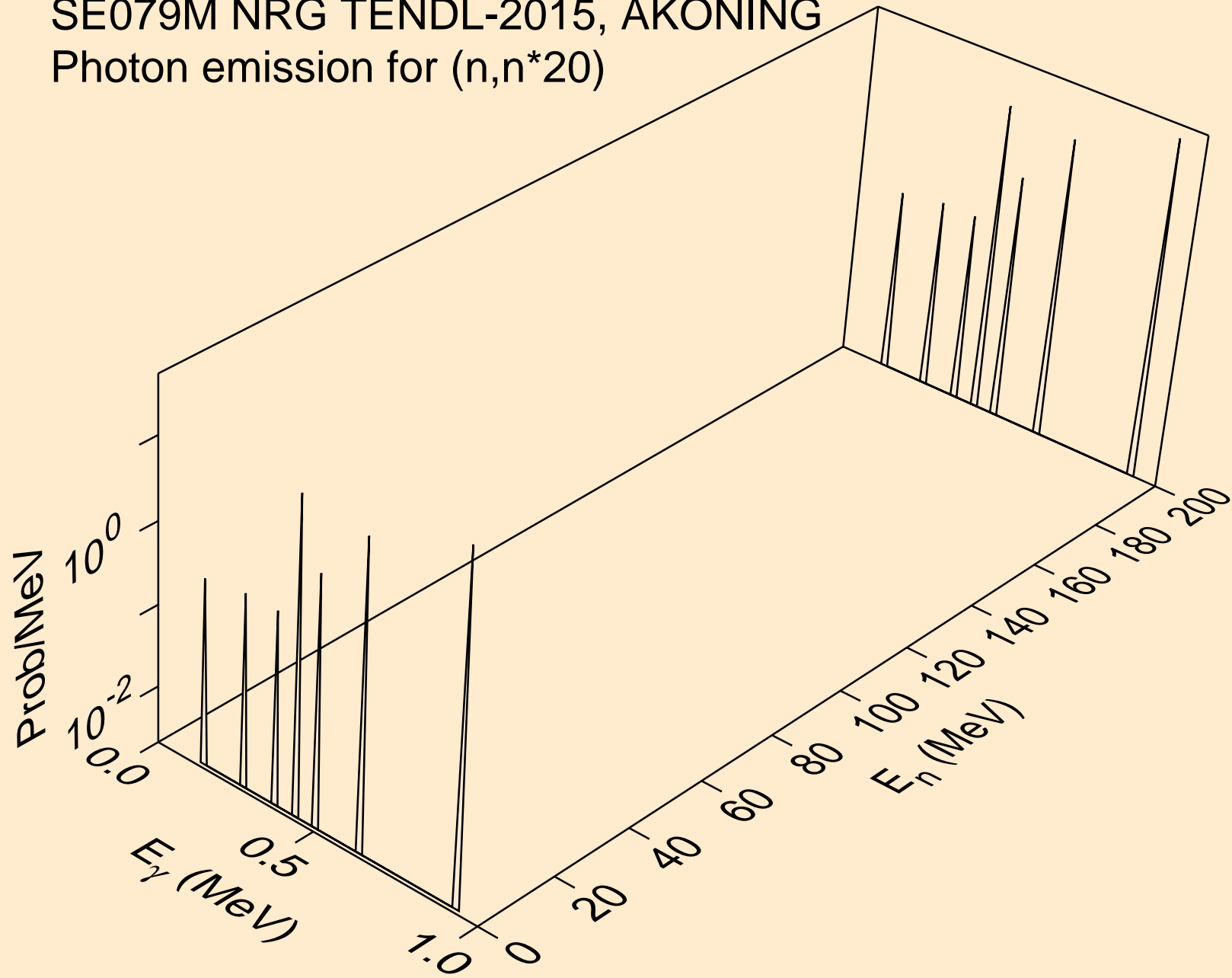
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Photon emission for (n,n\*18)



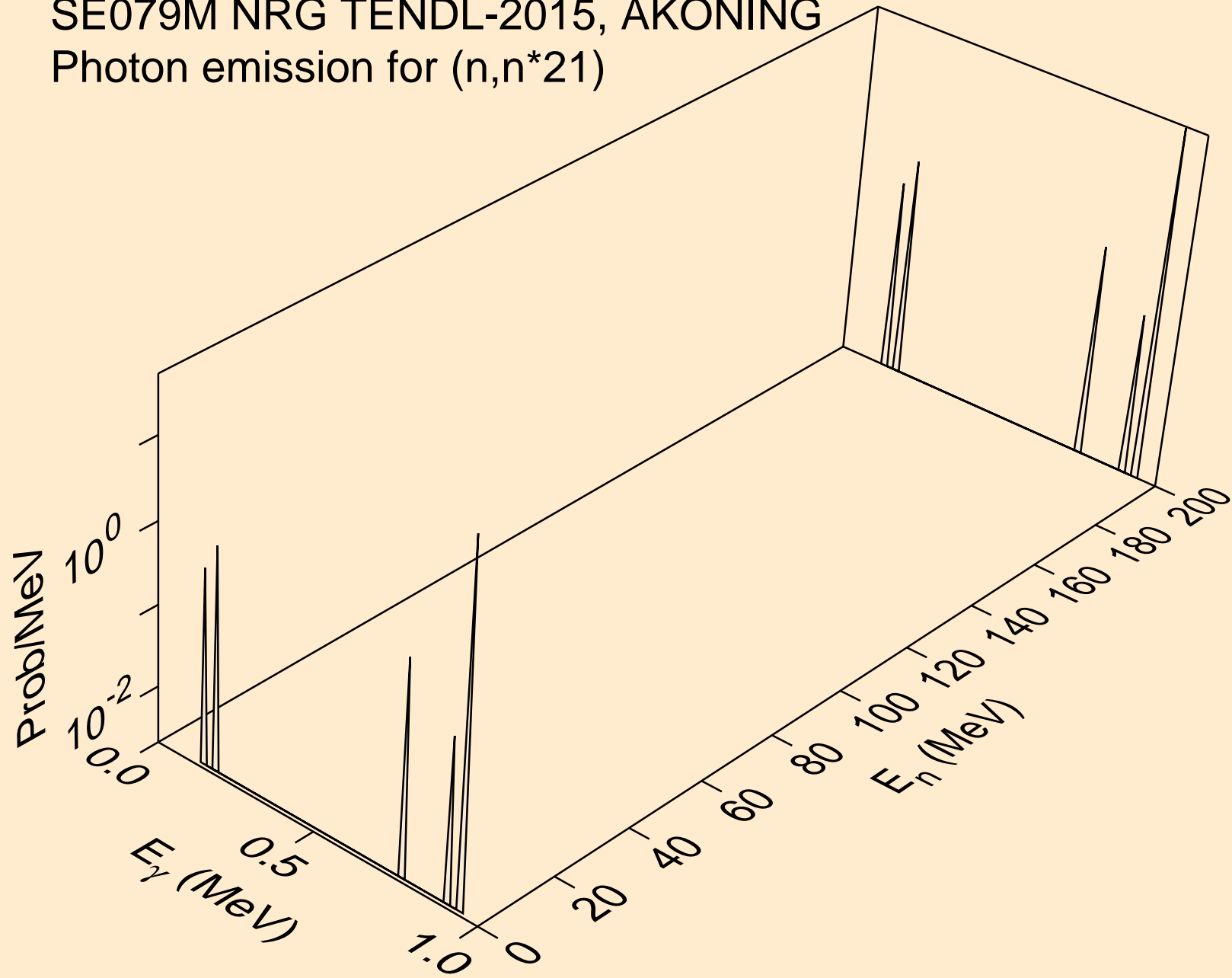
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Photon emission for (n,n\*19)



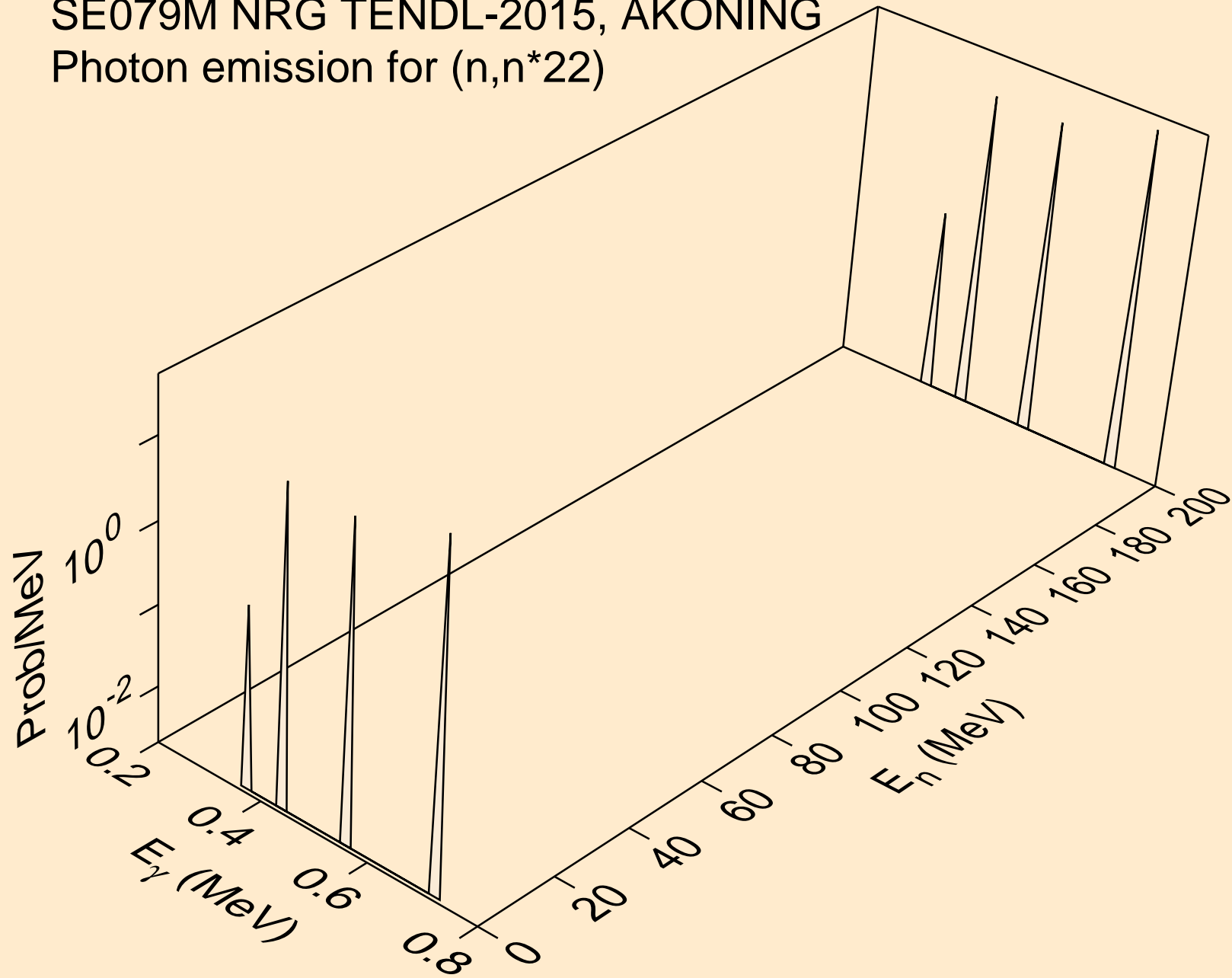
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Photon emission for (n,n\*20)



SE079M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*21)

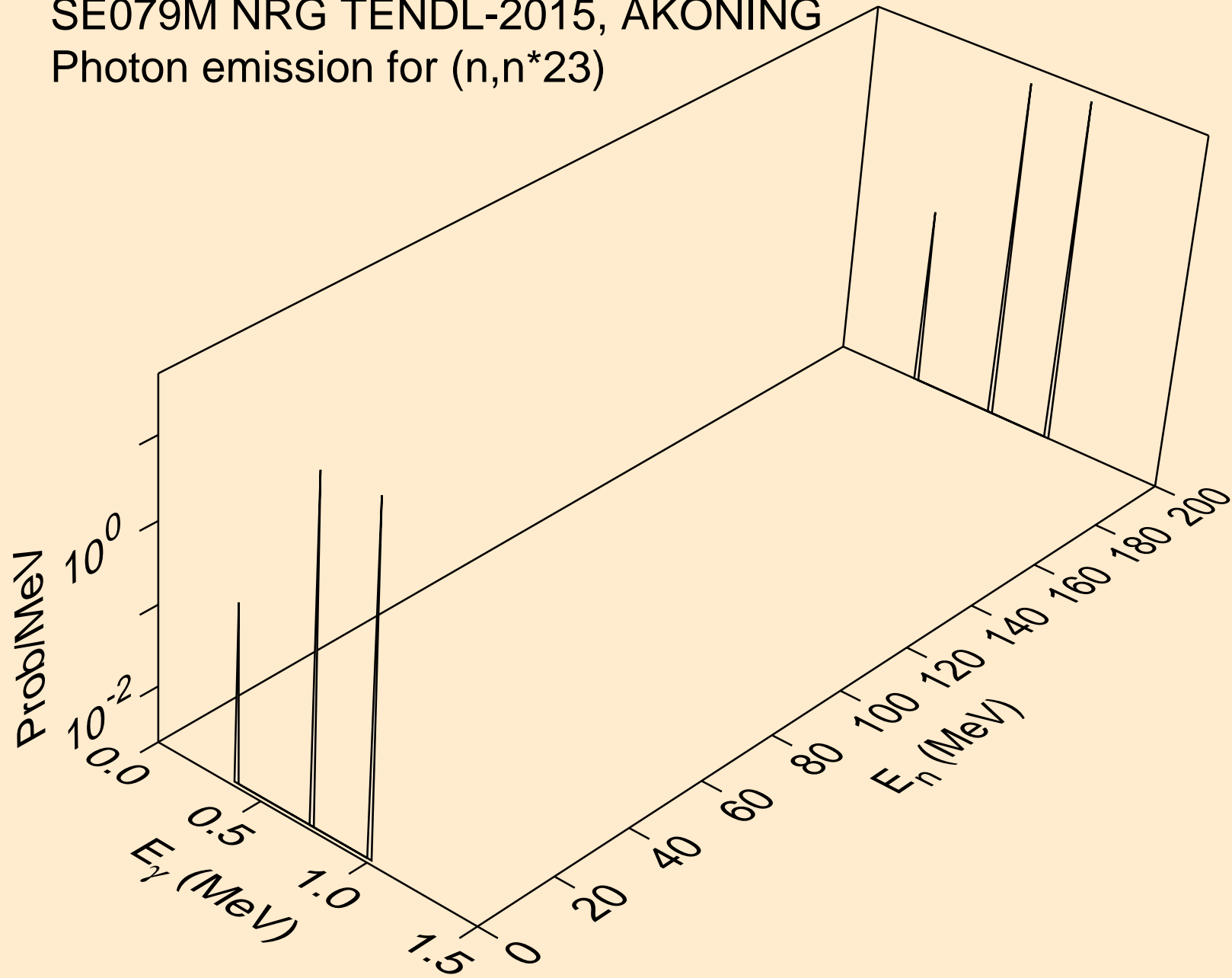


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Photon emission for (n,n\*22)

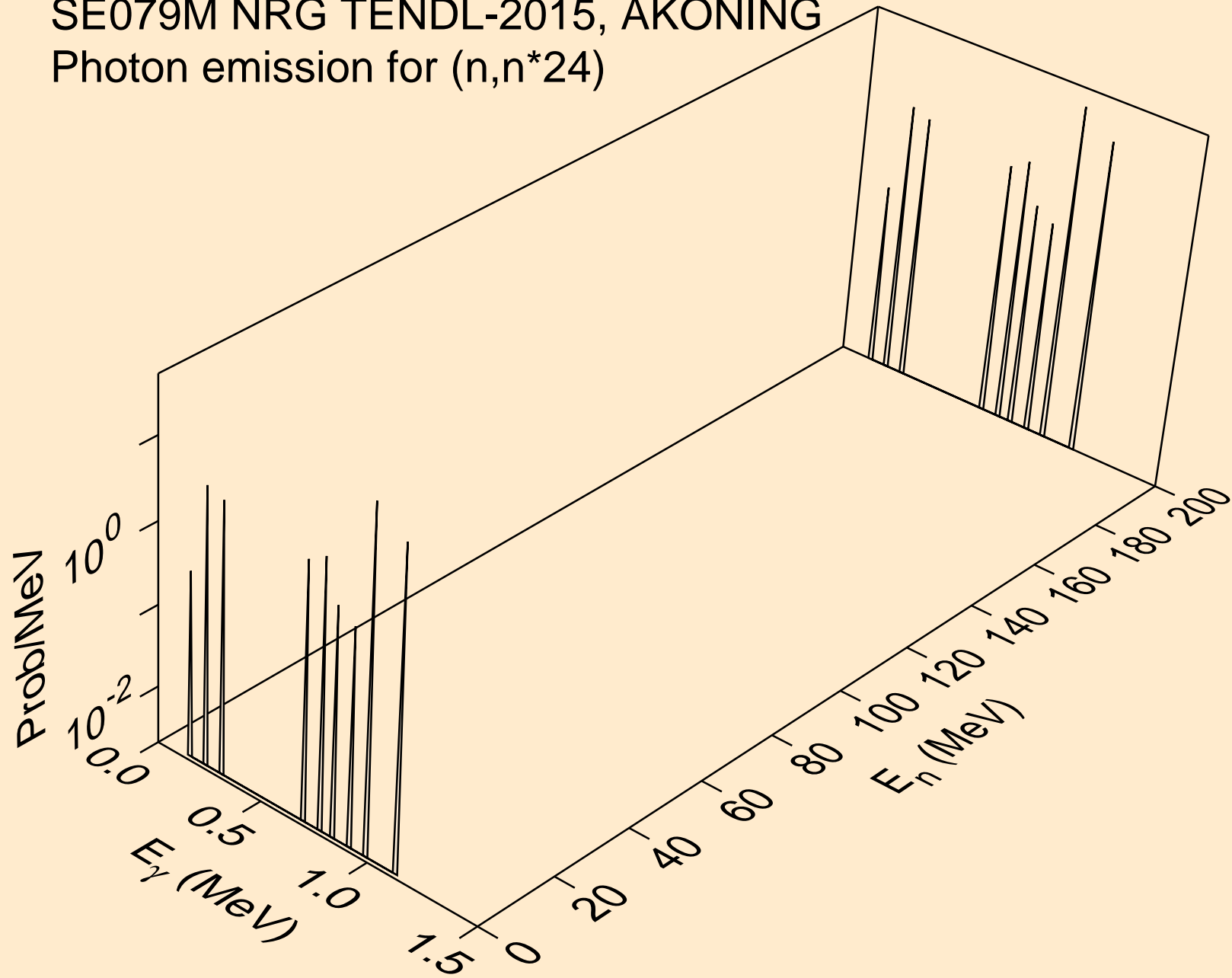




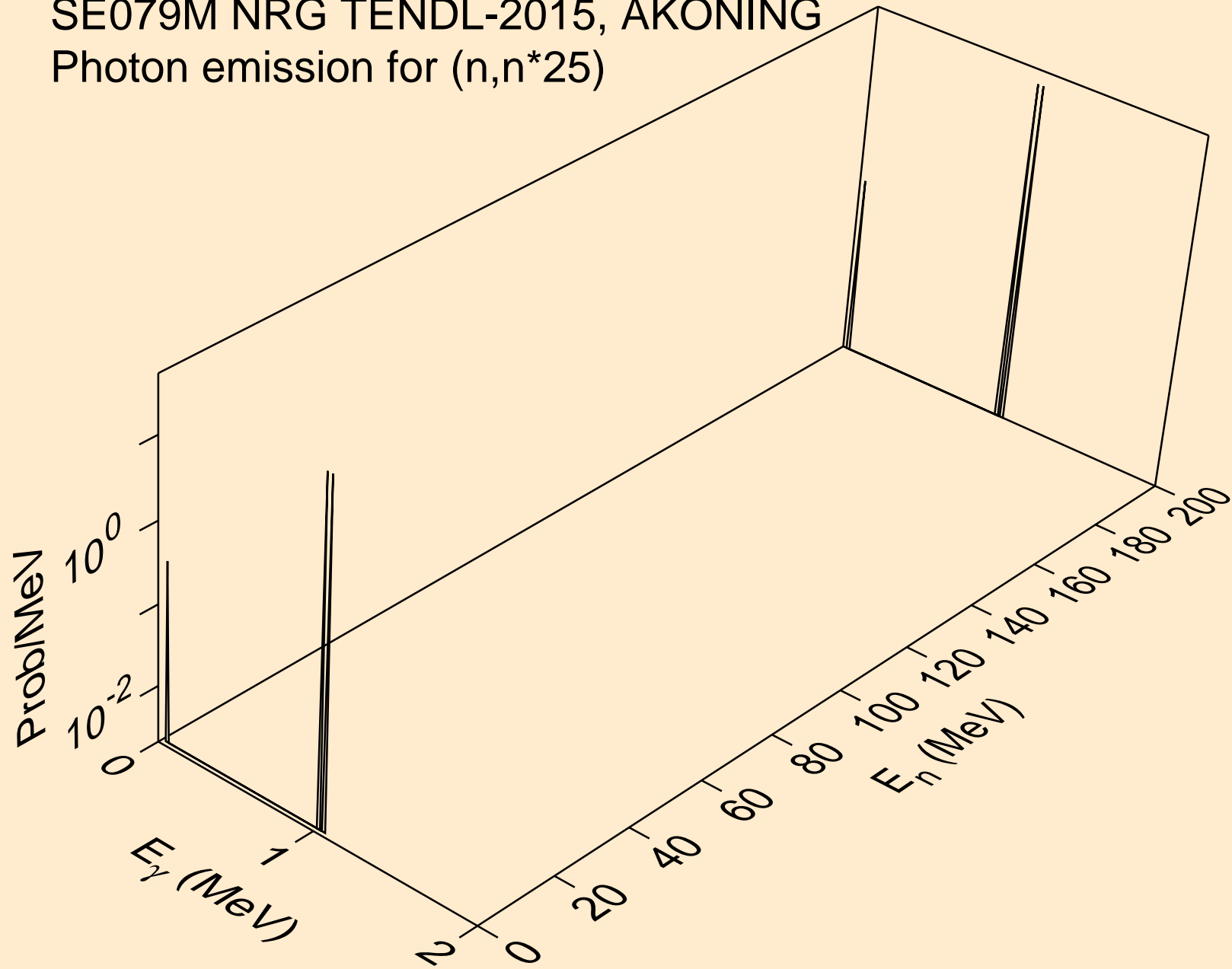
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Photon emission for (n,n\*23)



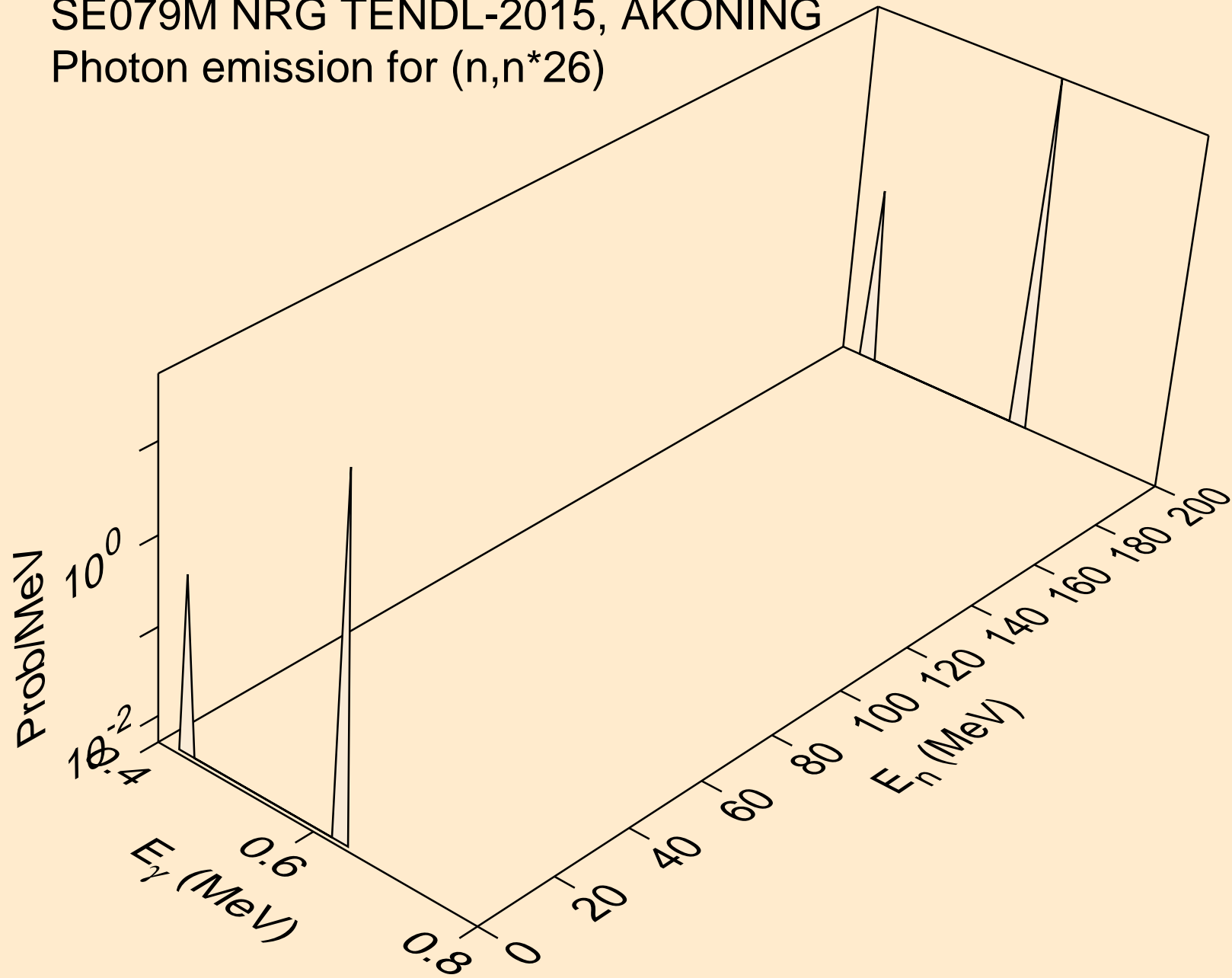
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Photon emission for (n,n\*24)



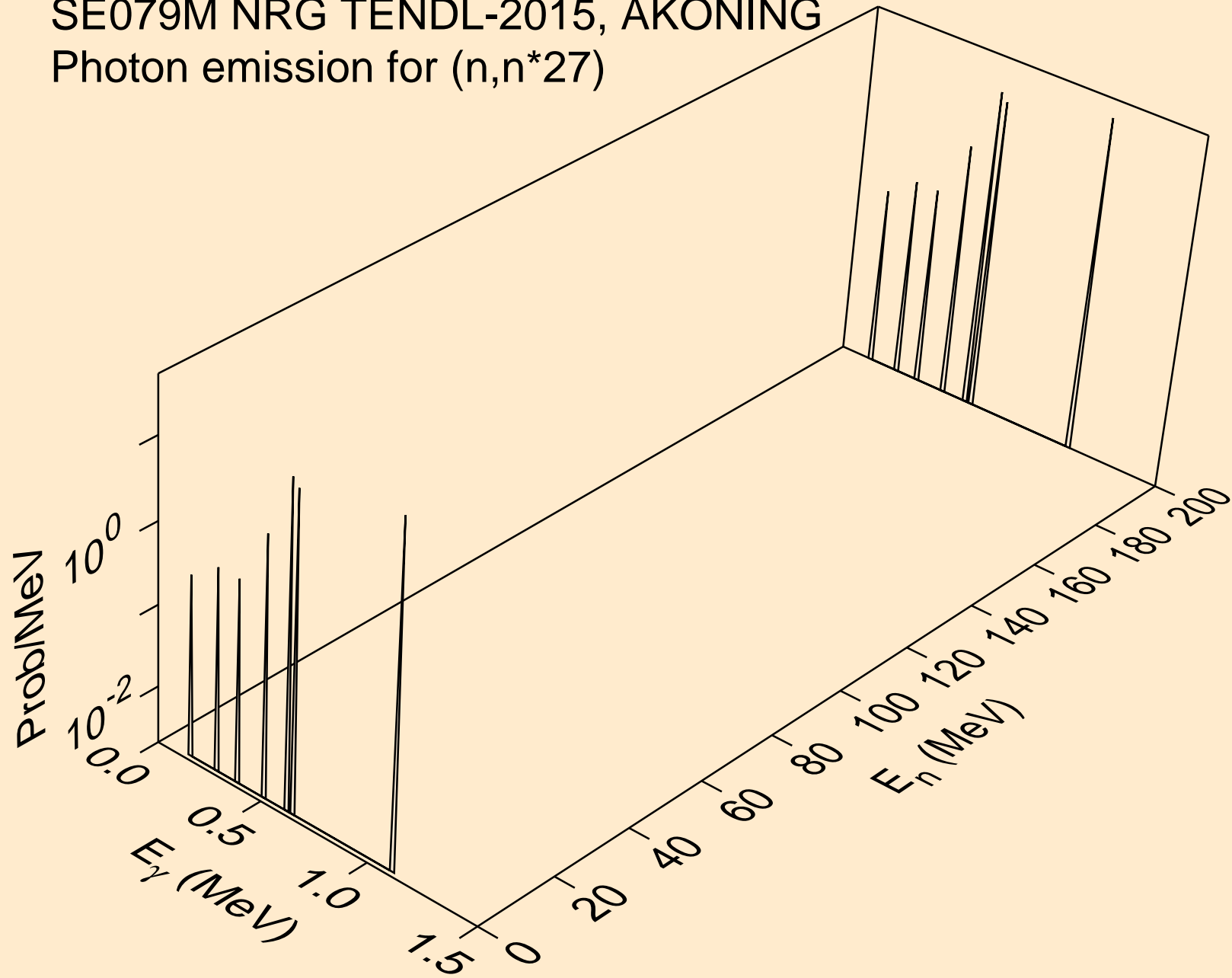
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Photon emission for (n,n\*25)



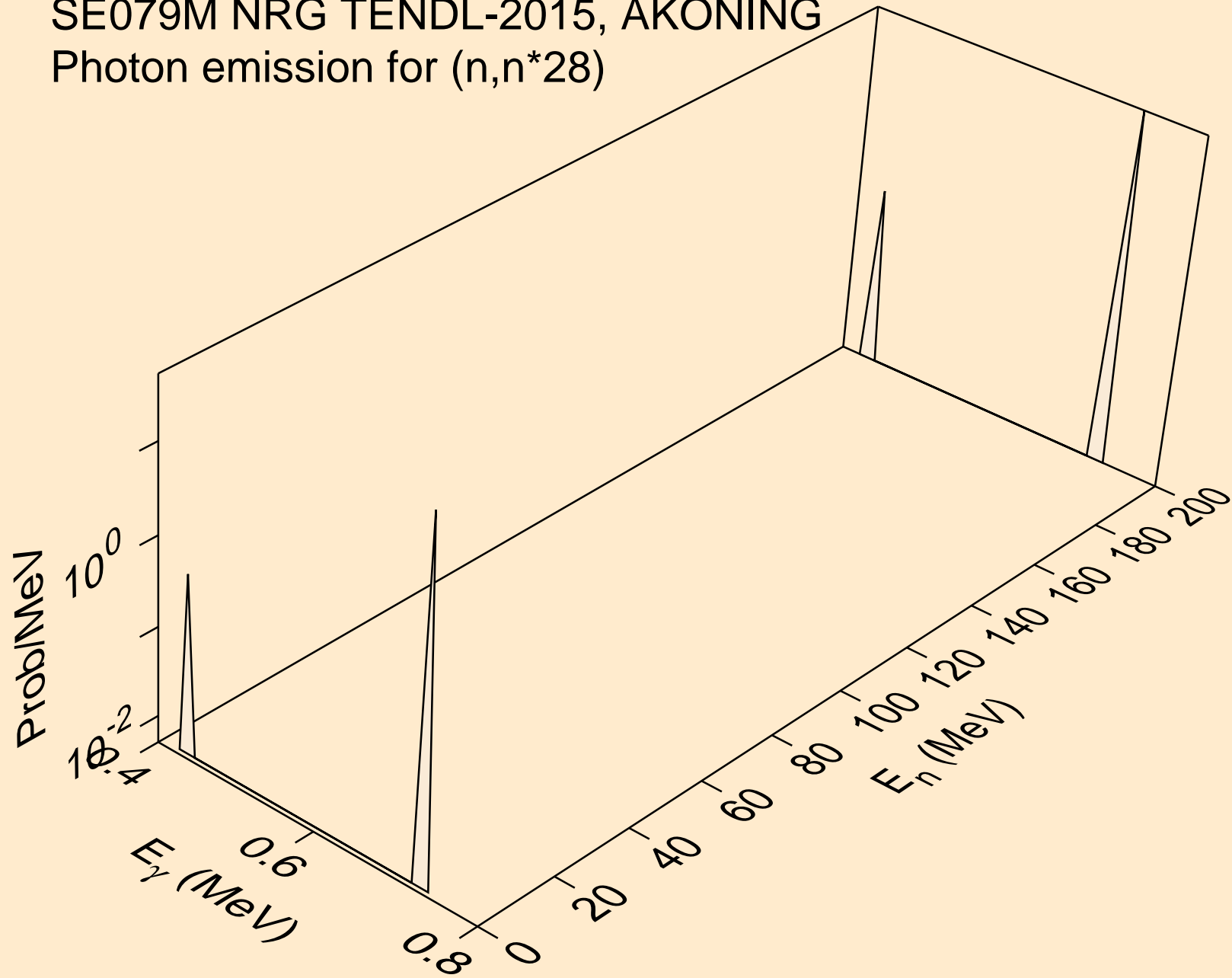
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Photon emission for (n,n\*26)



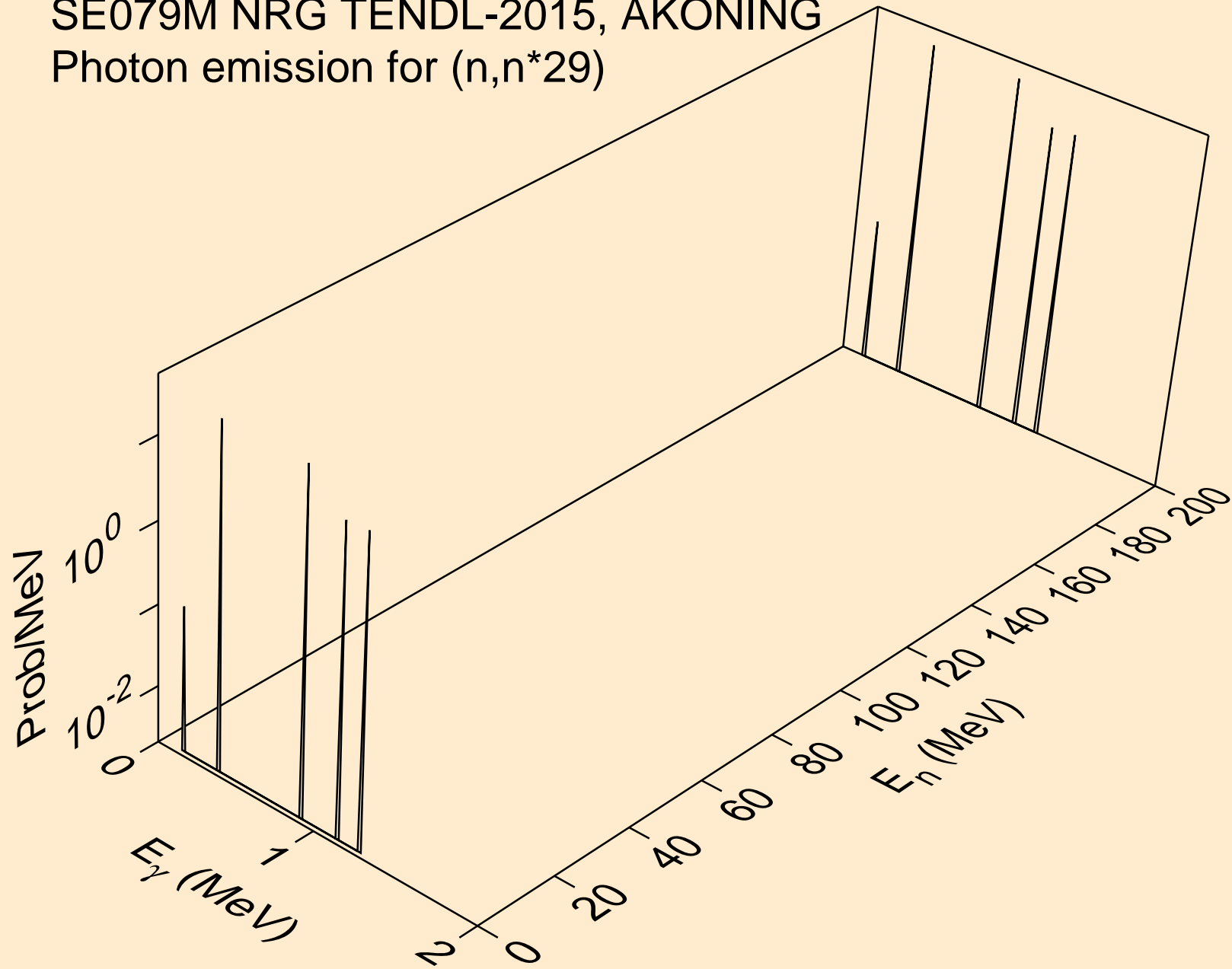
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Photon emission for (n,n\*27)



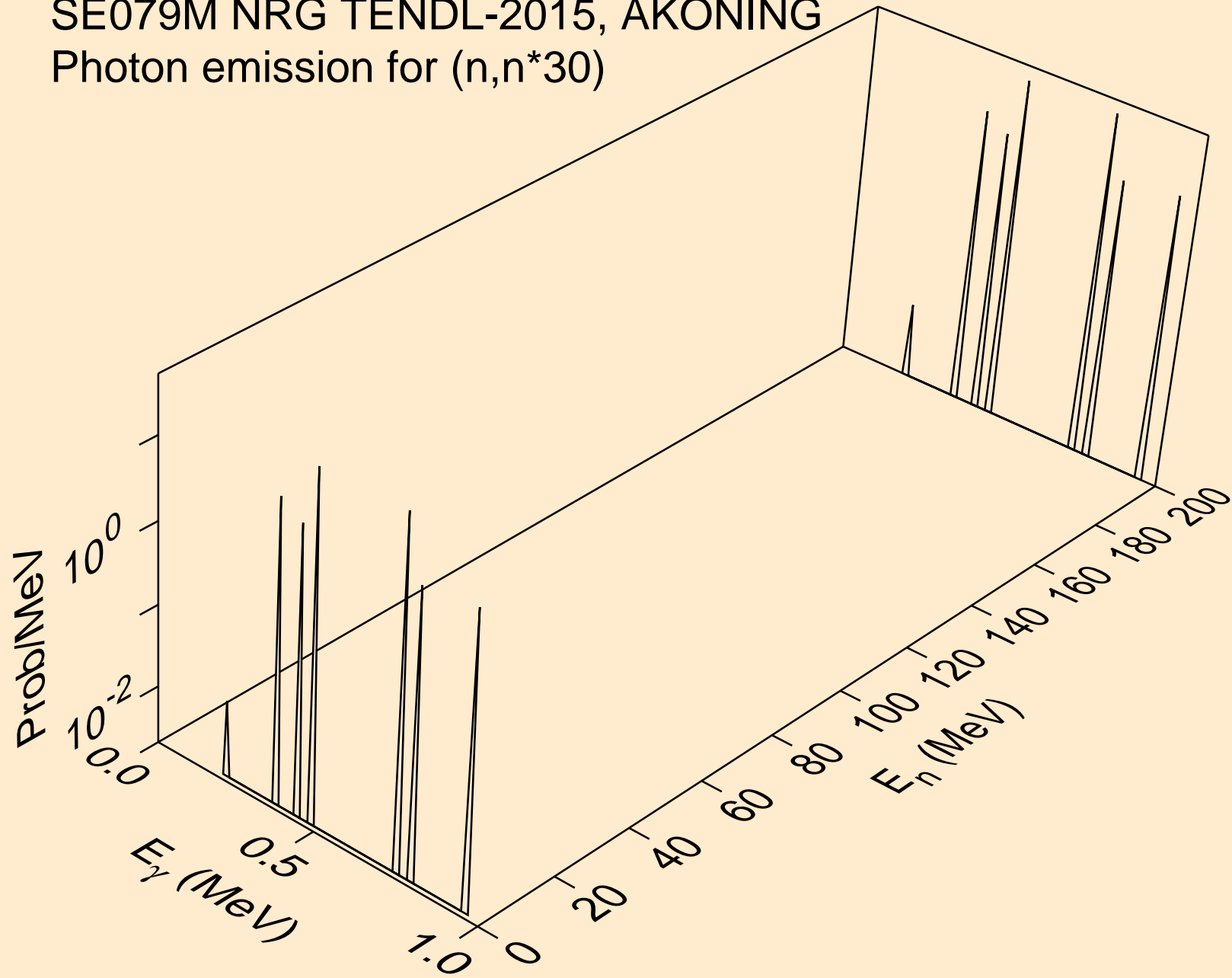
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Photon emission for (n,n\*28)



SE079M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*29)

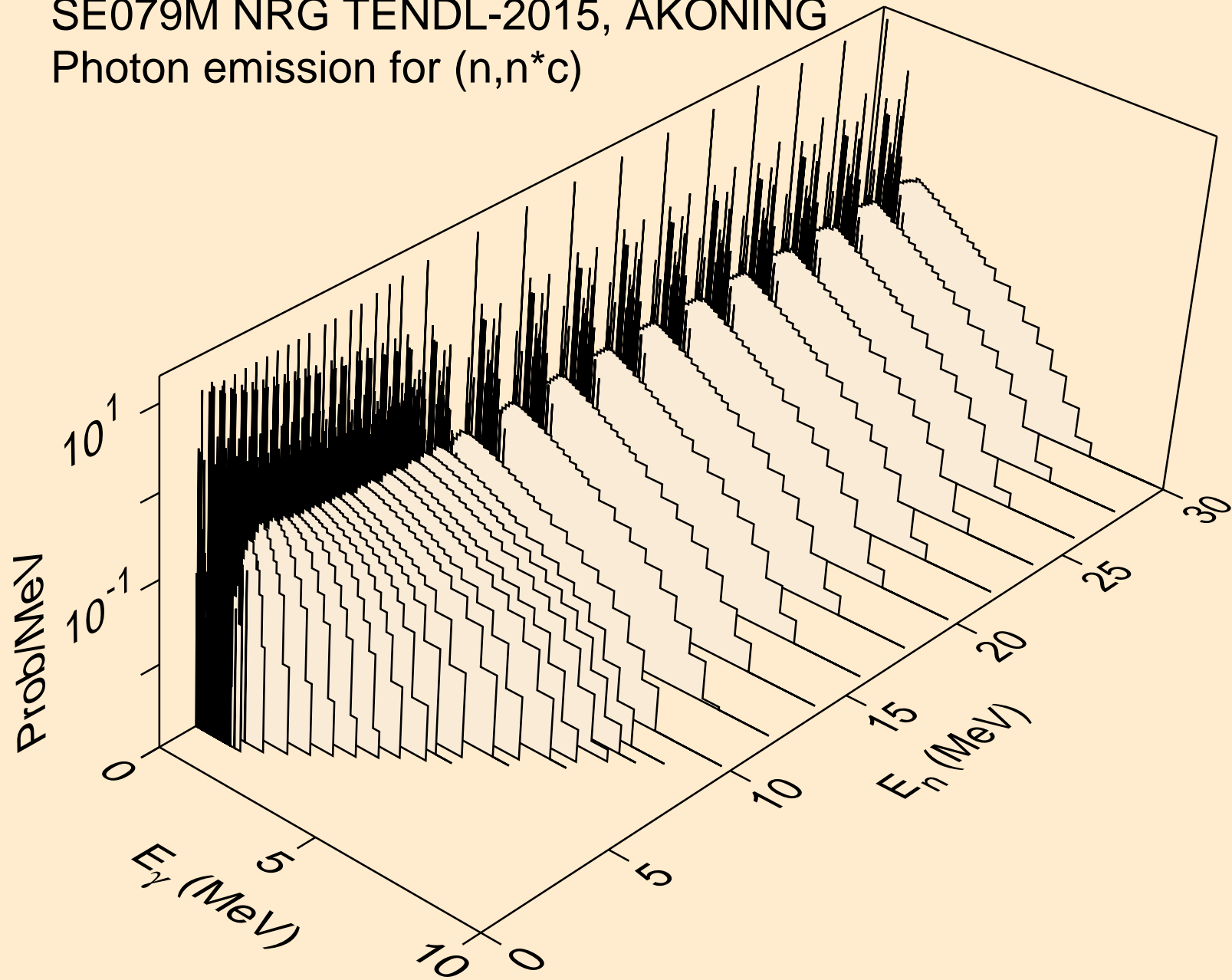


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Photon emission for (n,n\*30)

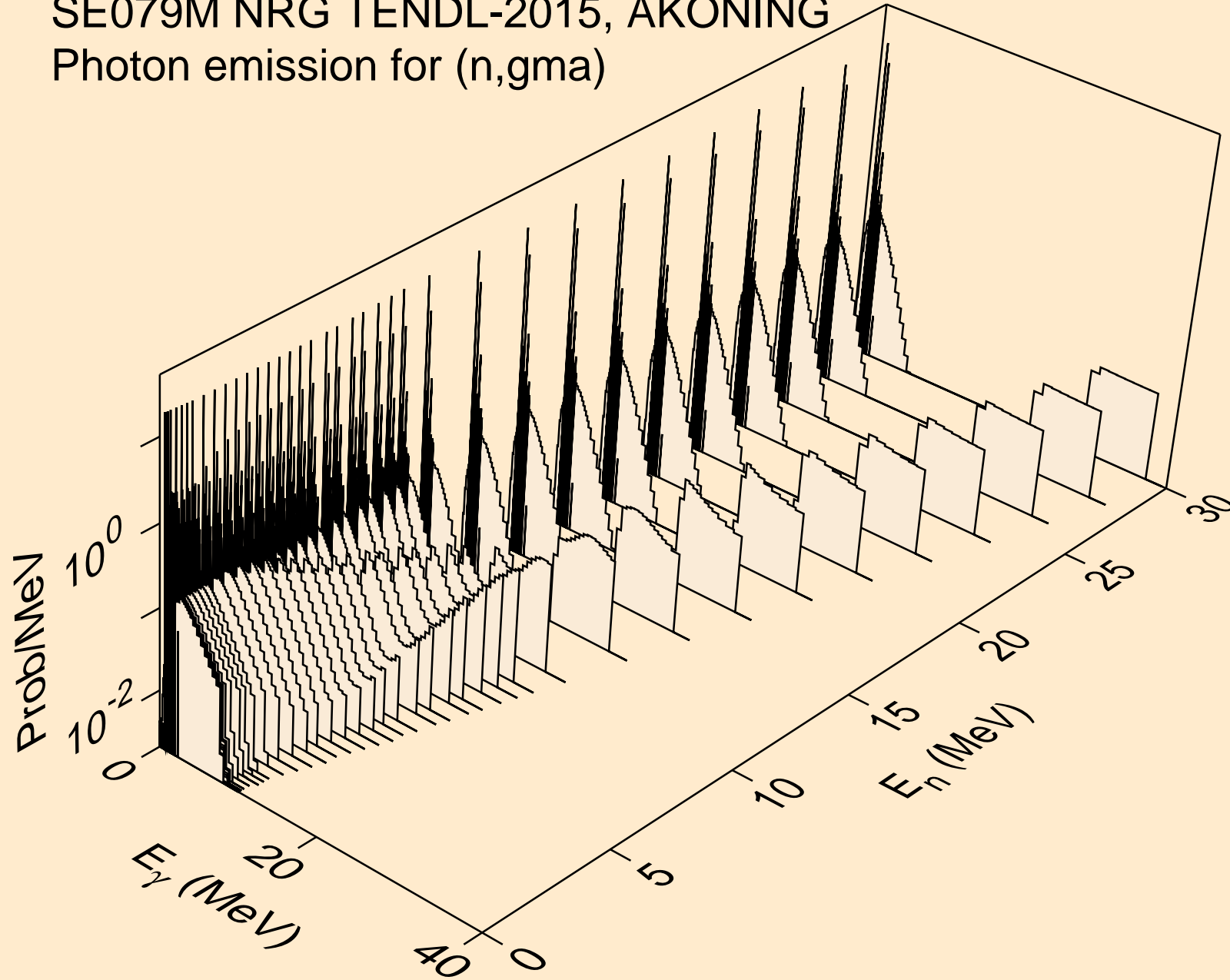




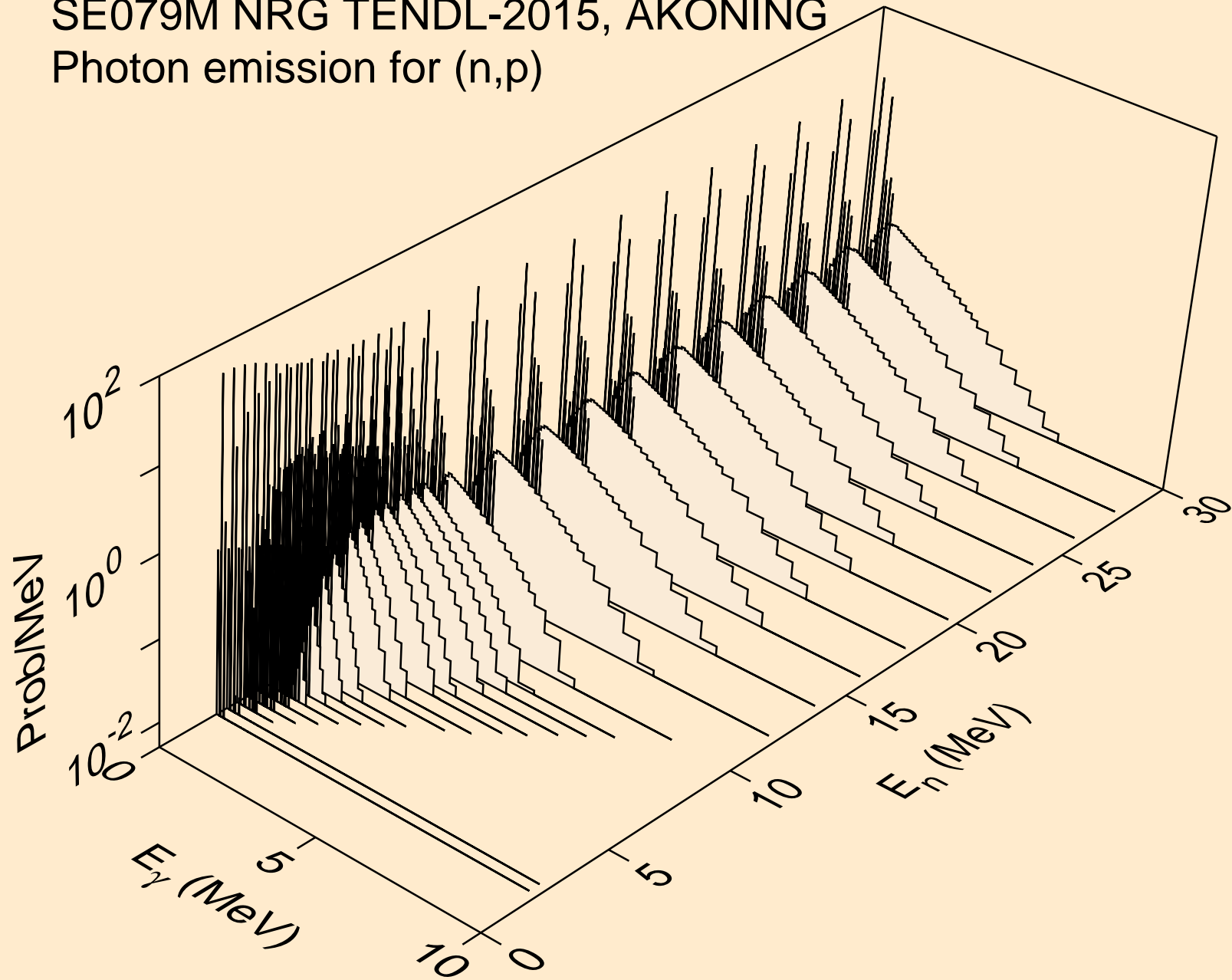
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Photon emission for (n,n\*c)



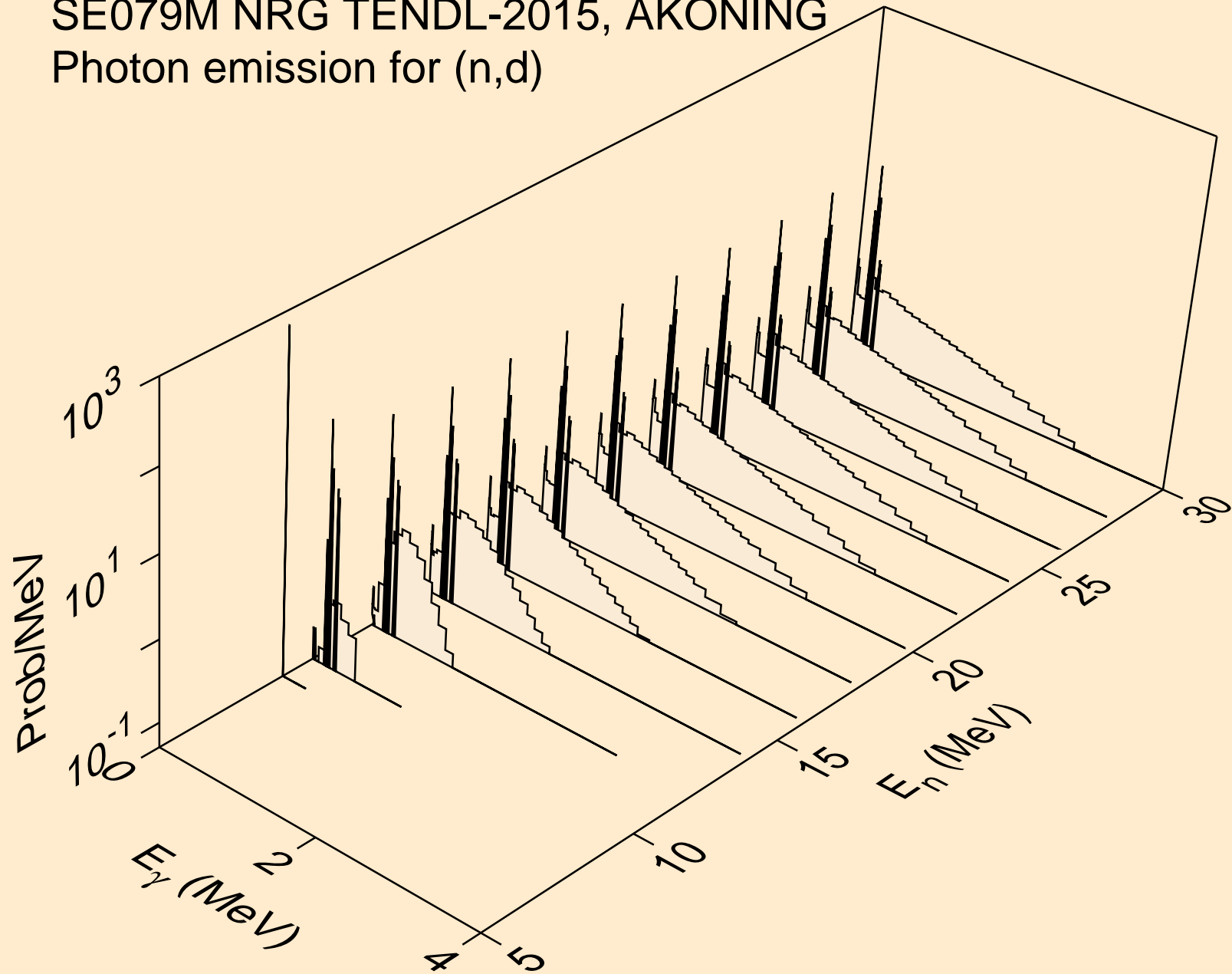
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Photon emission for (n,gma)



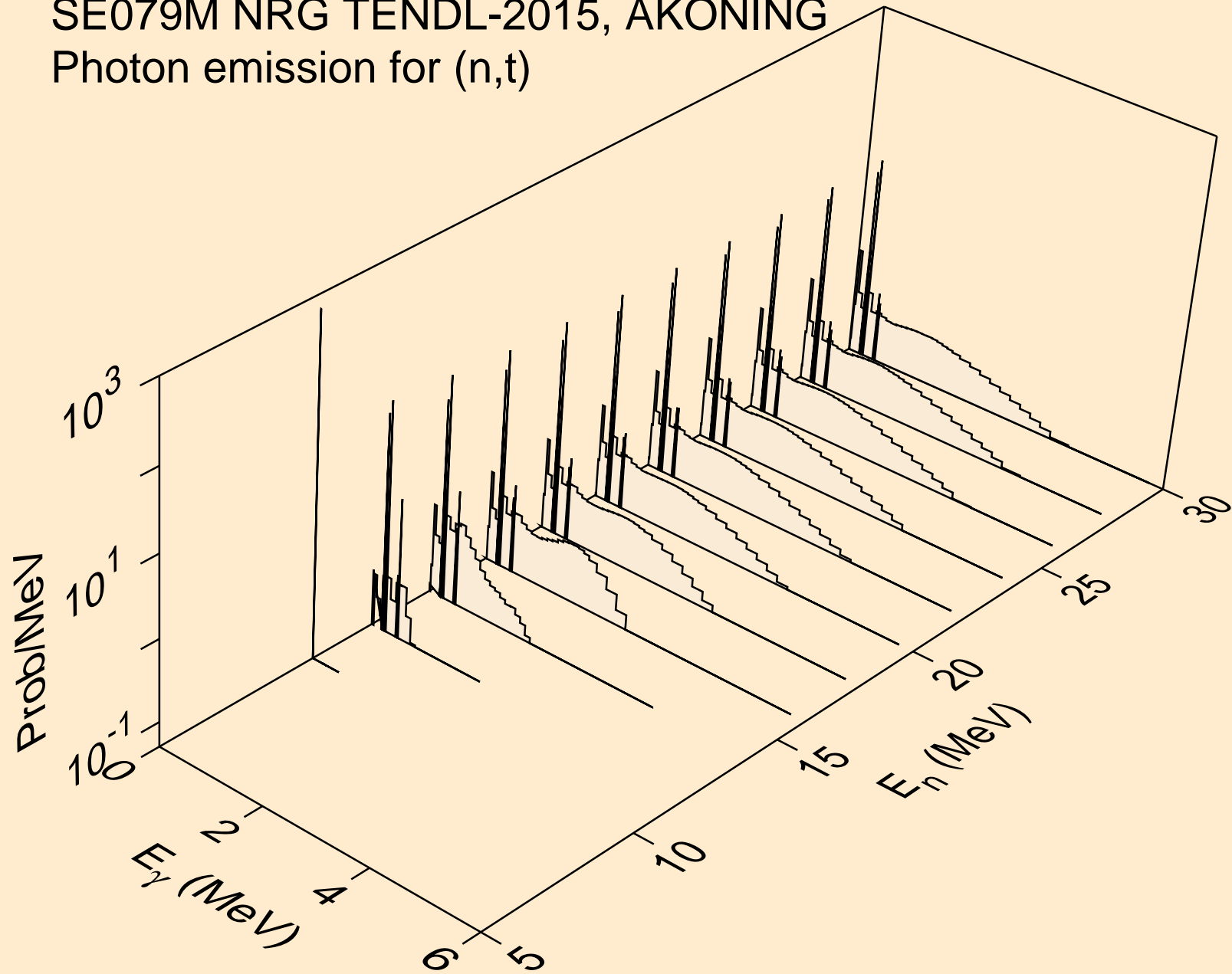
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Photon emission for (n,p)



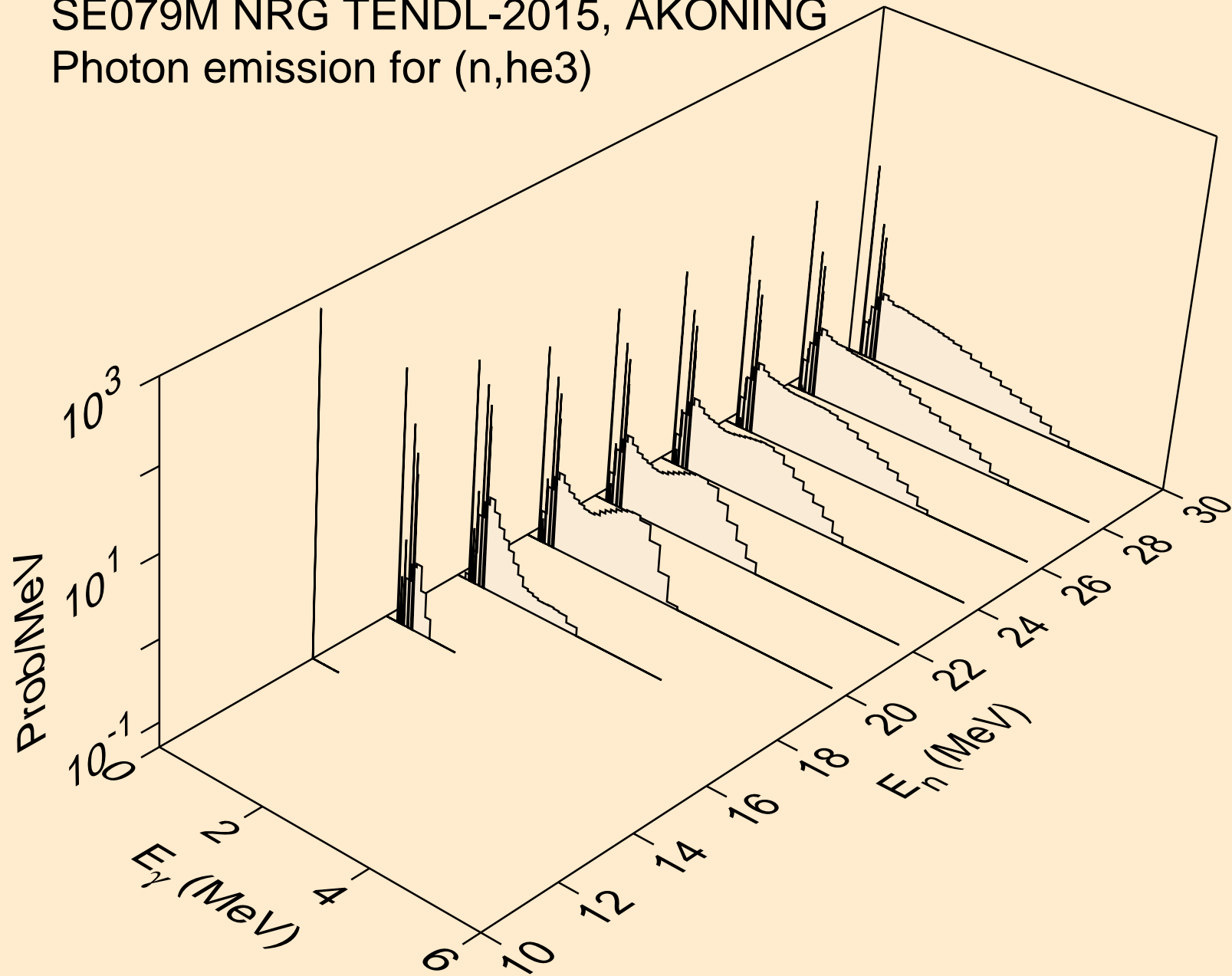
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Photon emission for (n,d)



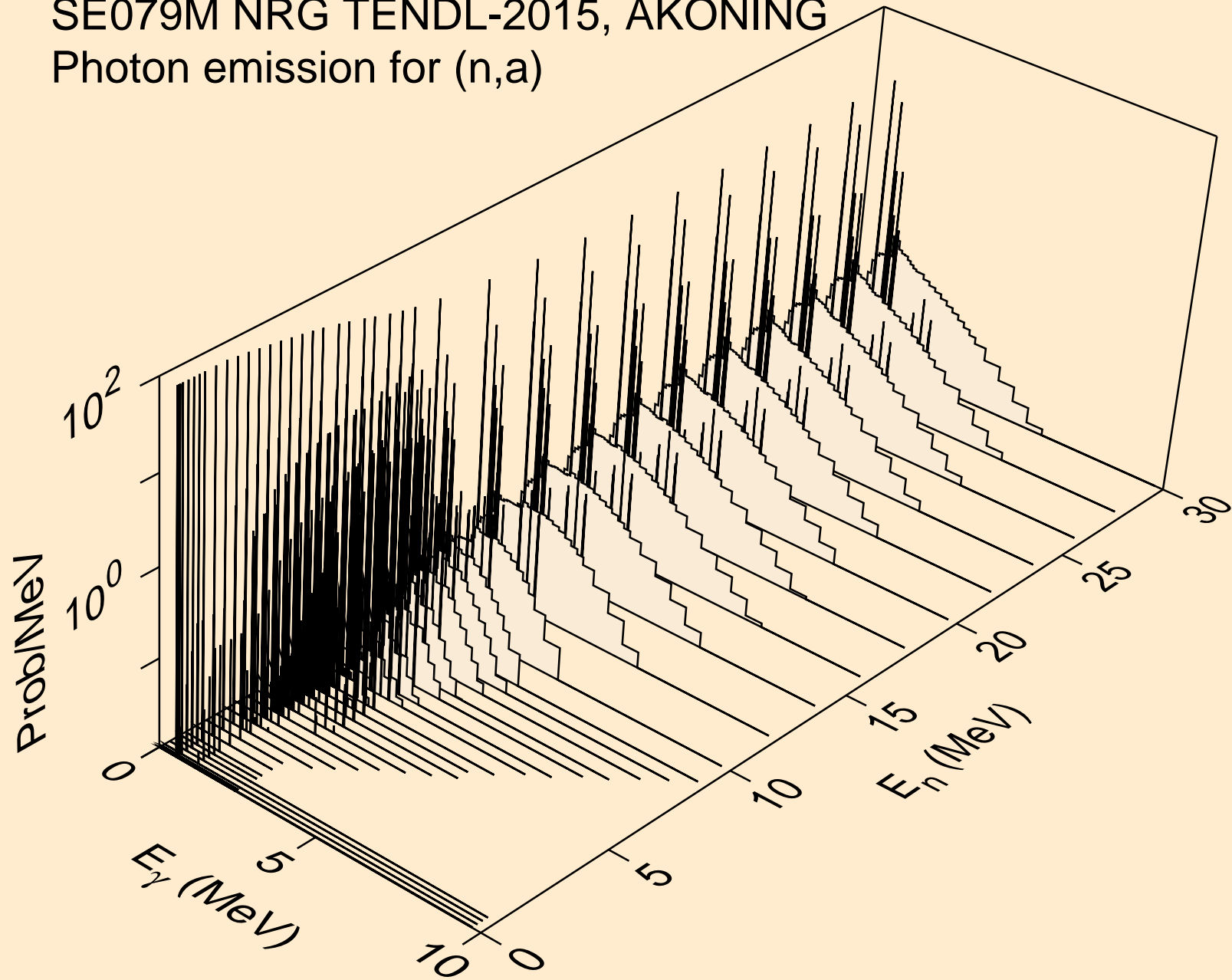
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Photon emission for (n,t)



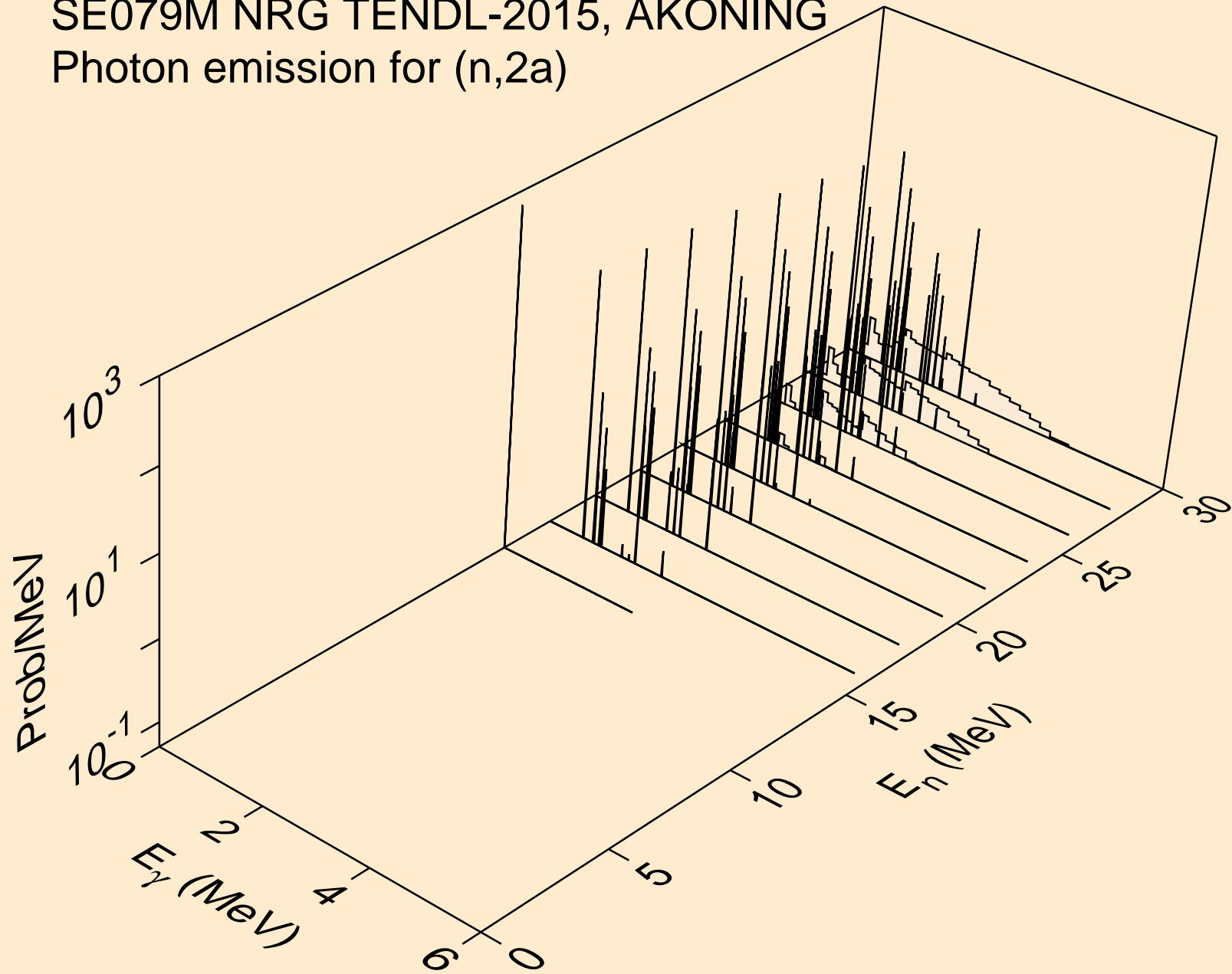
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Photon emission for (n,he3)



SE079M NRG TENDL-2015, AKONING  
Photon emission for (n,a)

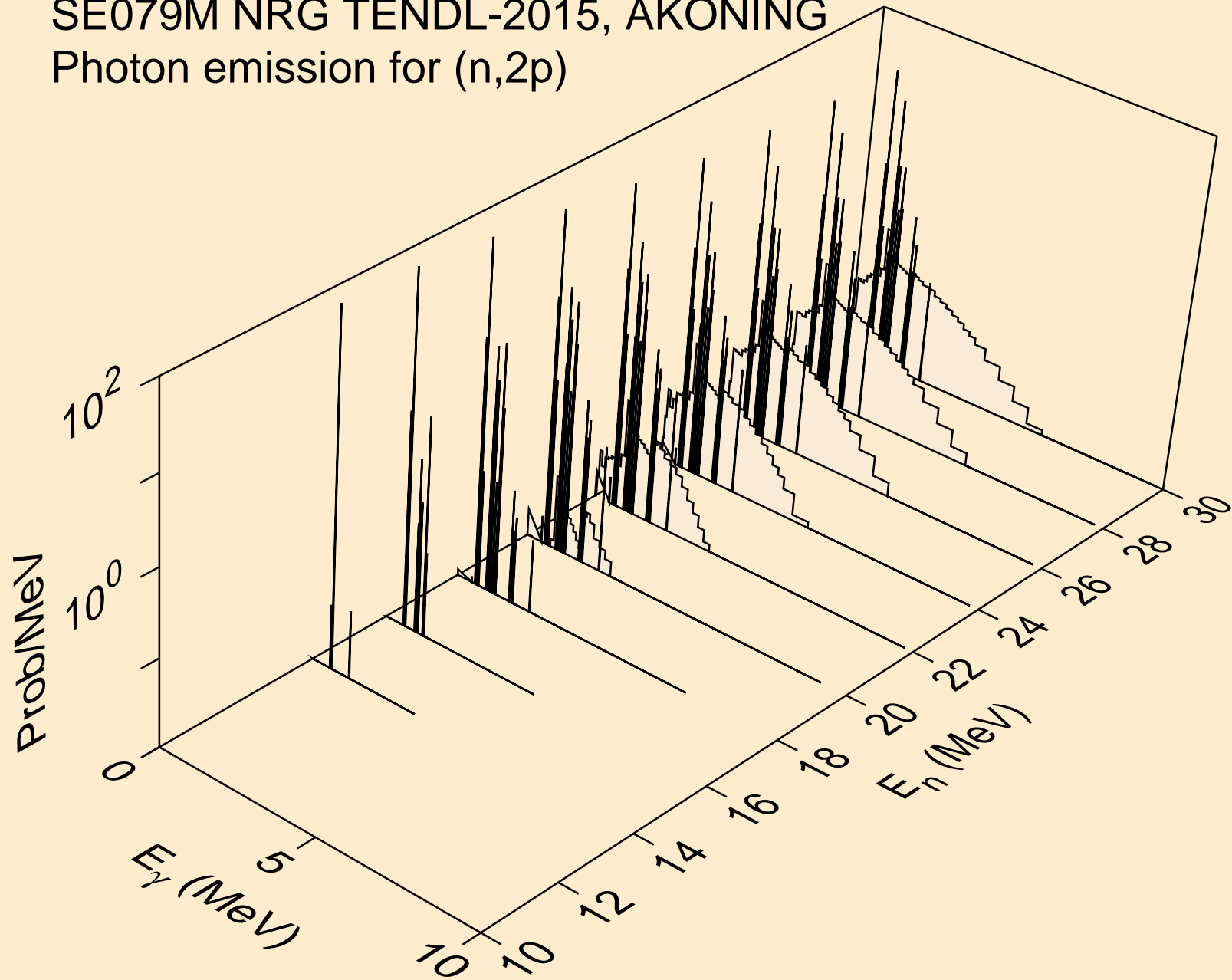


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Photon emission for (n,2a)

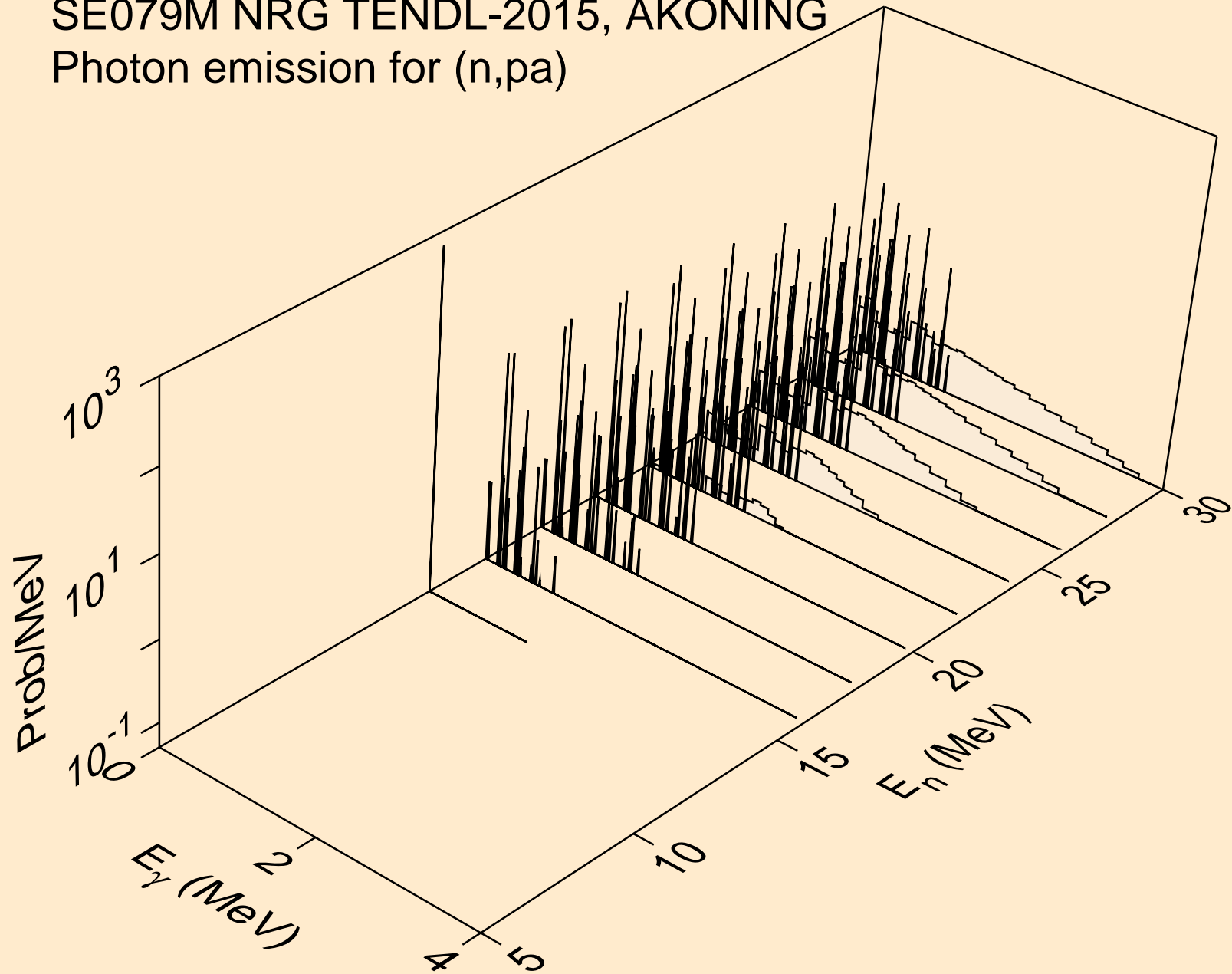




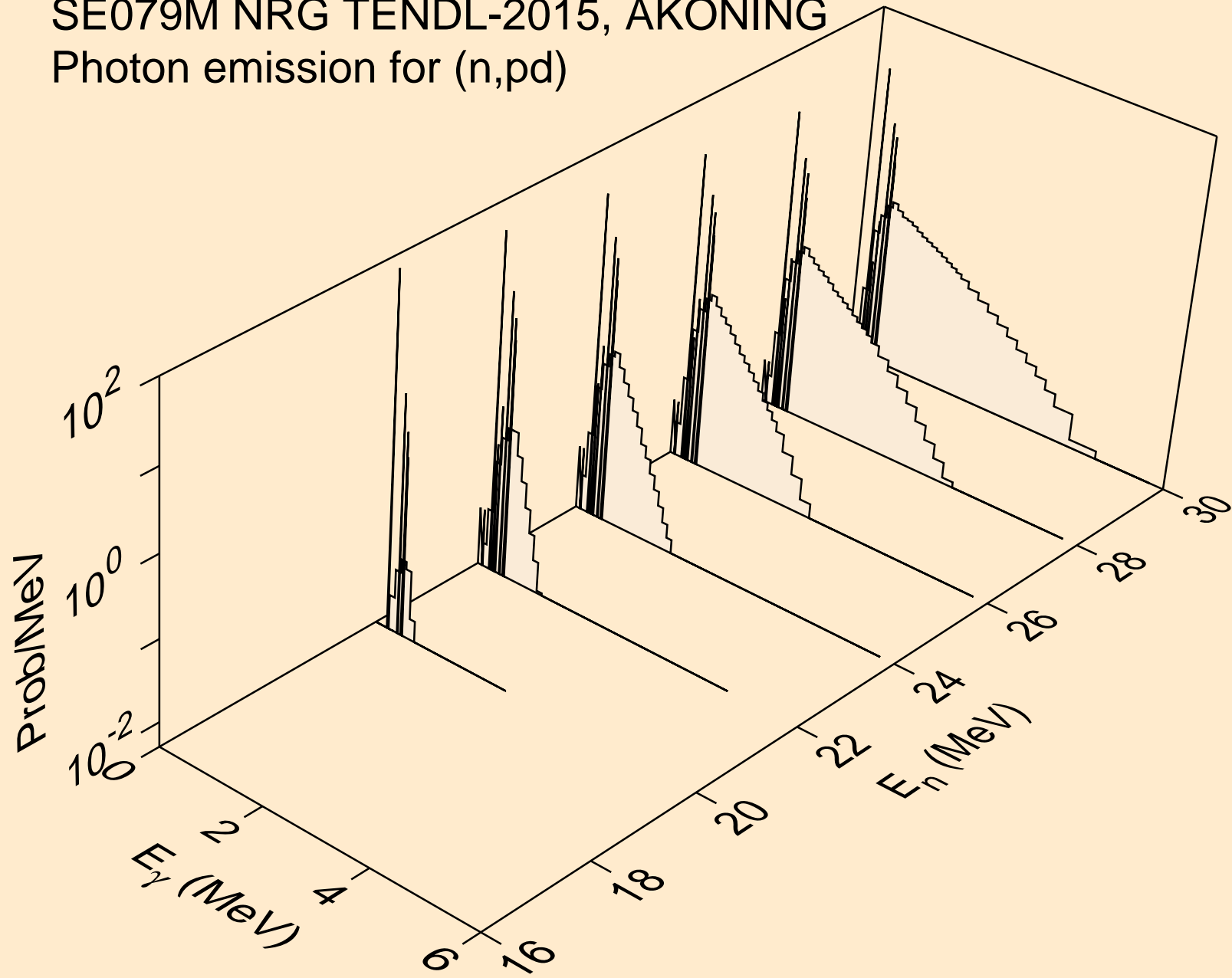
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Photon emission for (n,2p)



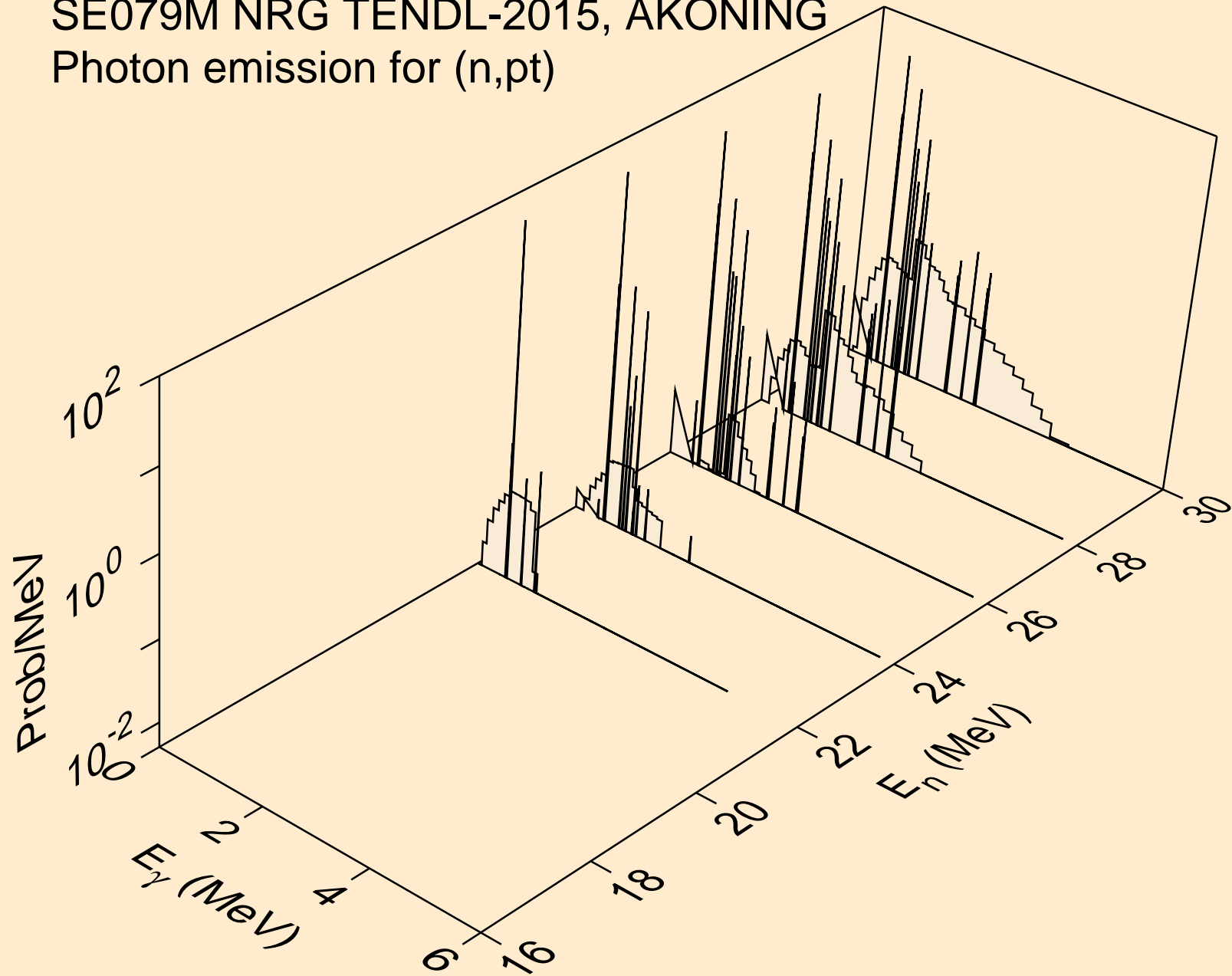
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Photon emission for (n,p $\alpha$ )



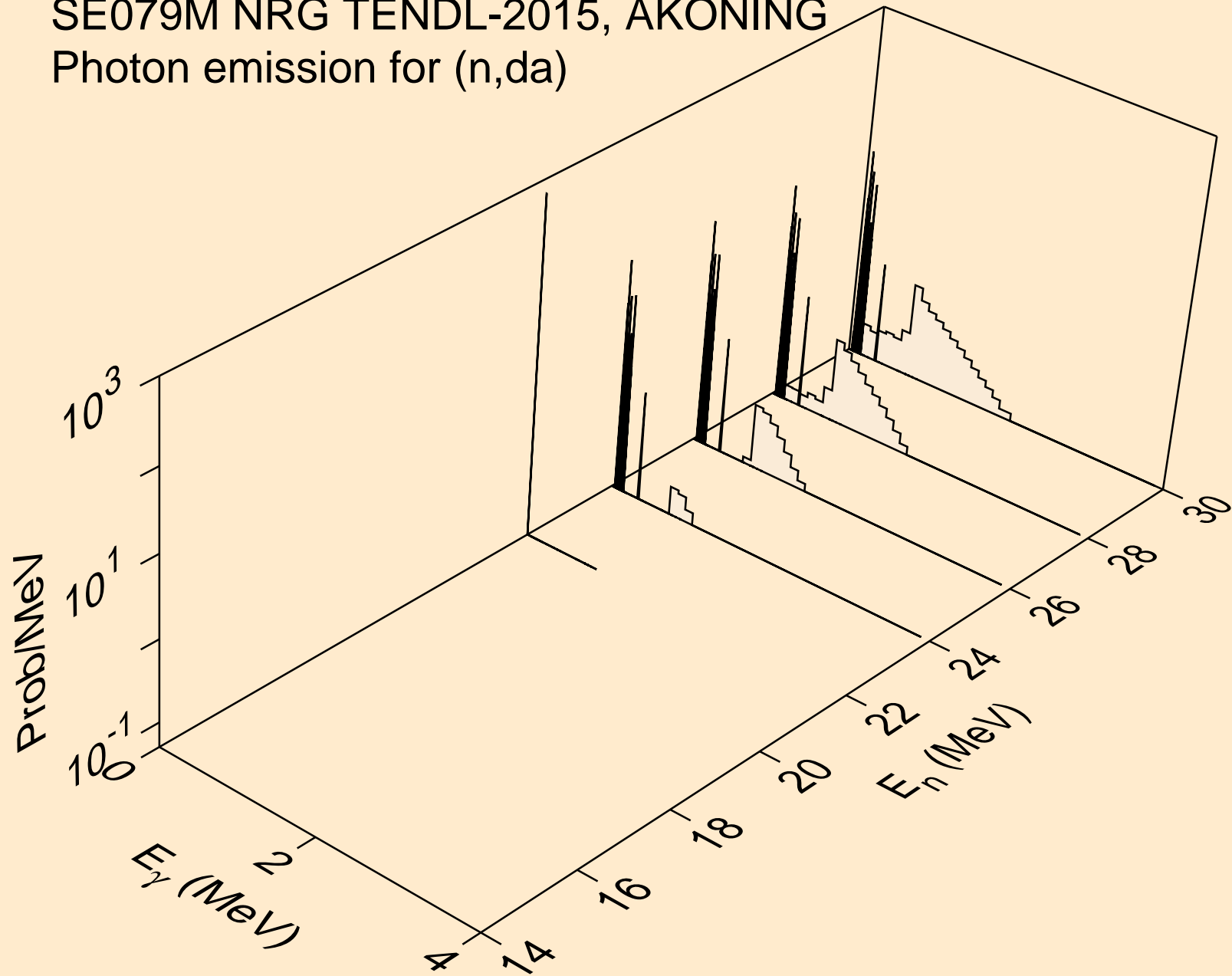
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Photon emission for (n,pd)



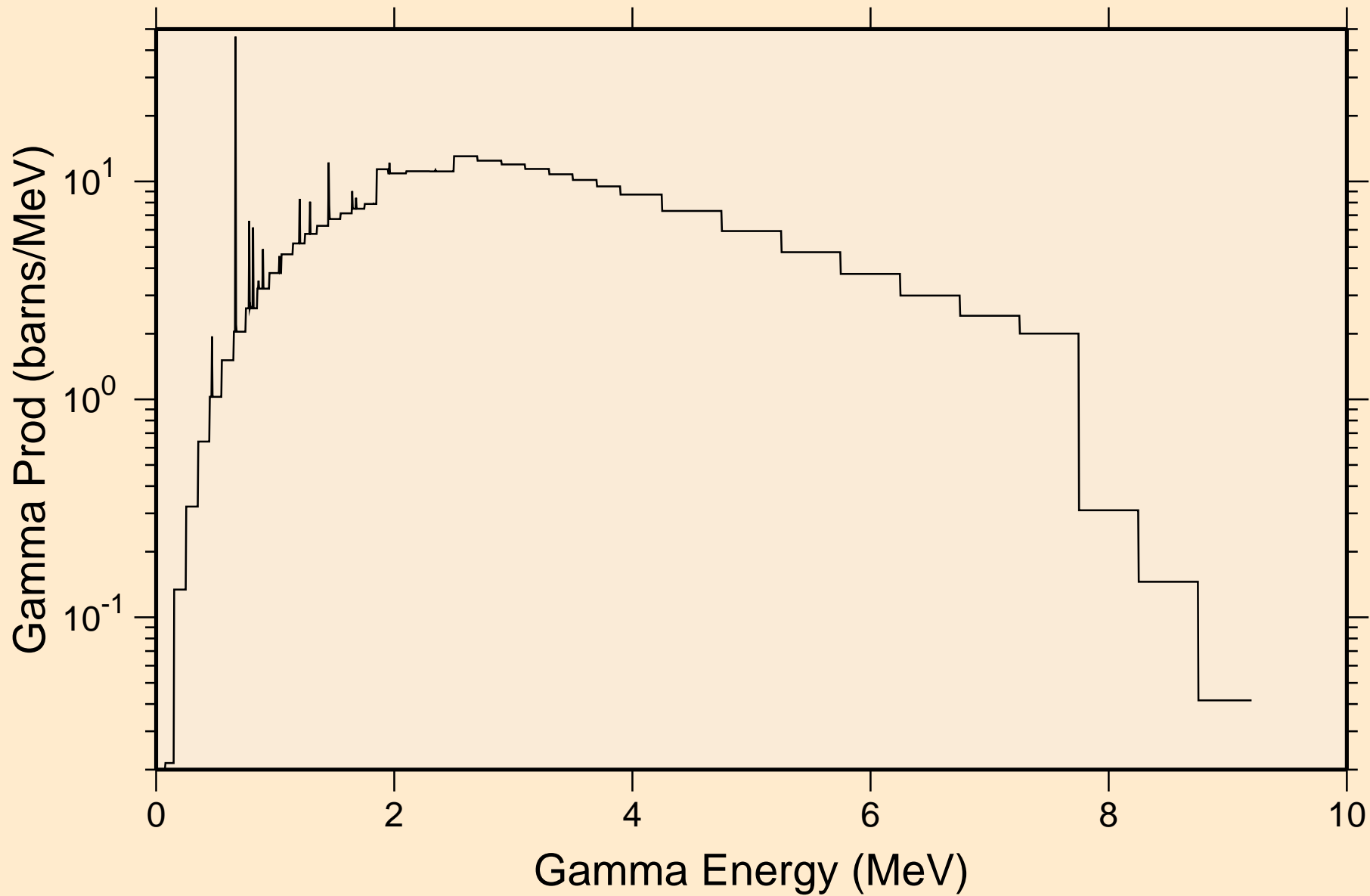
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Photon emission for (n,pt)



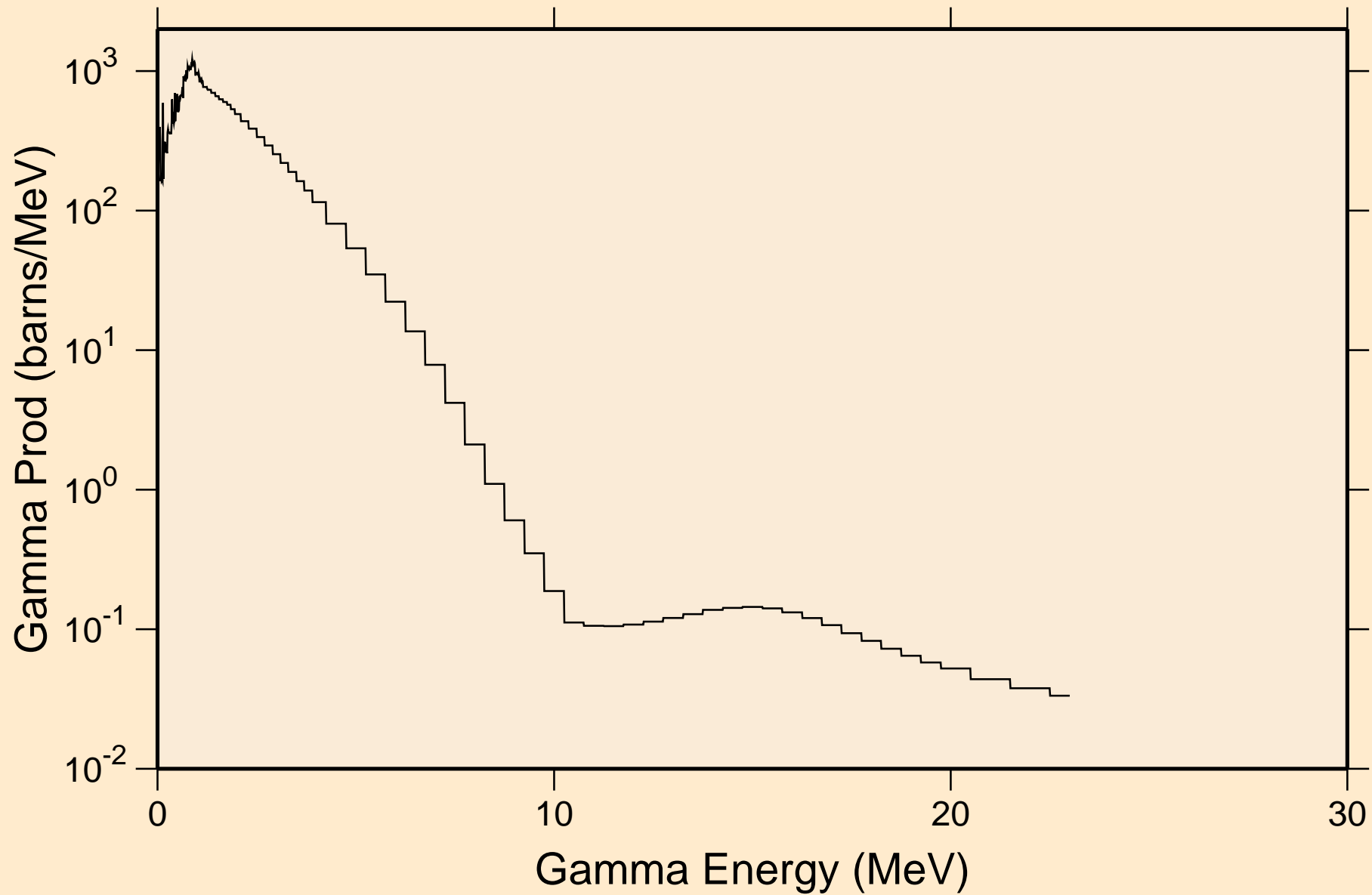
SE079M NRG TENDL-2015, AKONING  
Photon emission for (n,da)



SE079M NRG TENDL-2015, AKONING  
thermal capture photon spectrum

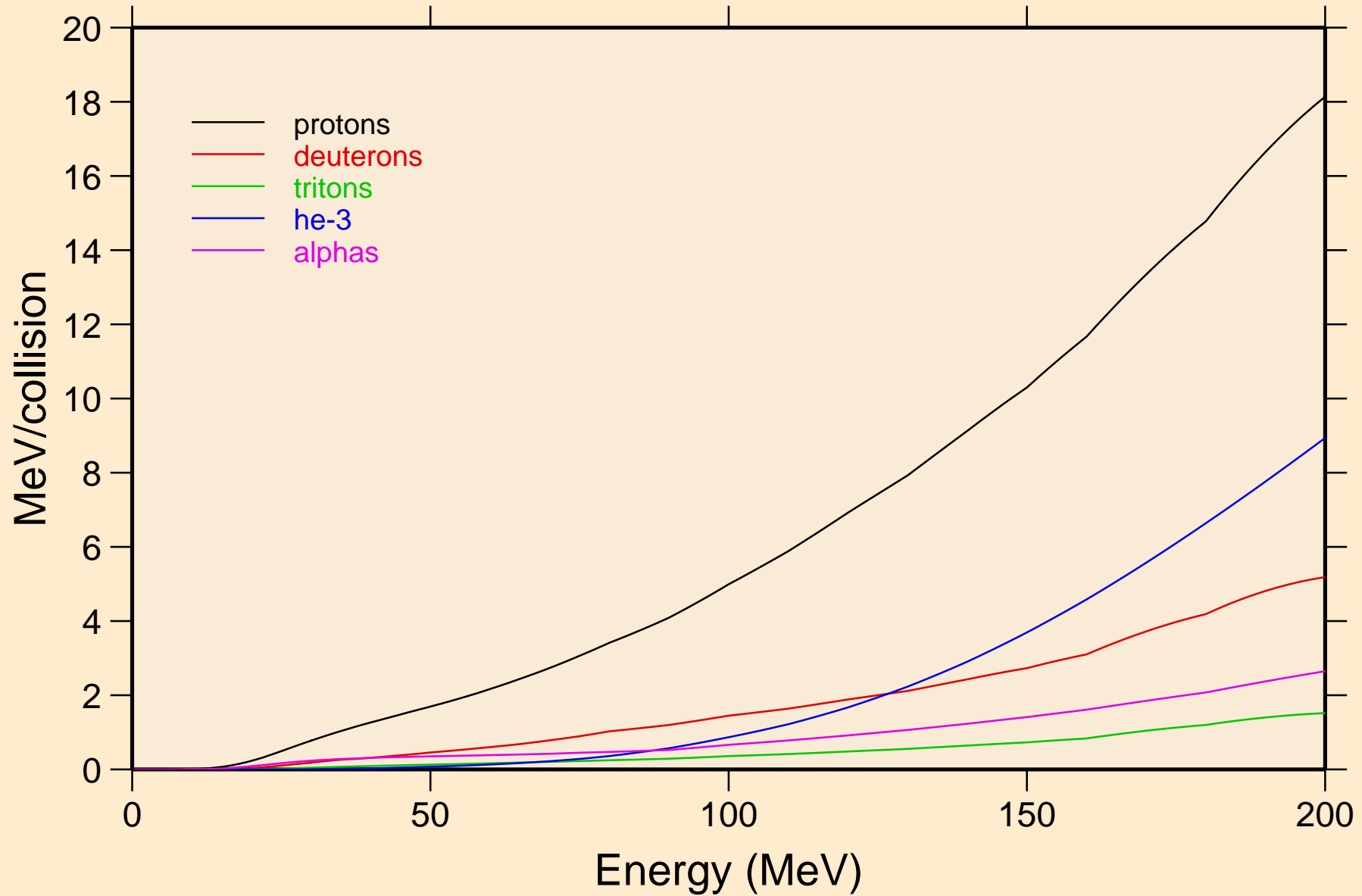


SE079M NRG TENDL-2015, AKONING  
14 MeV photon spectrum



# SE079M NRG TENDL-2015, AKONING

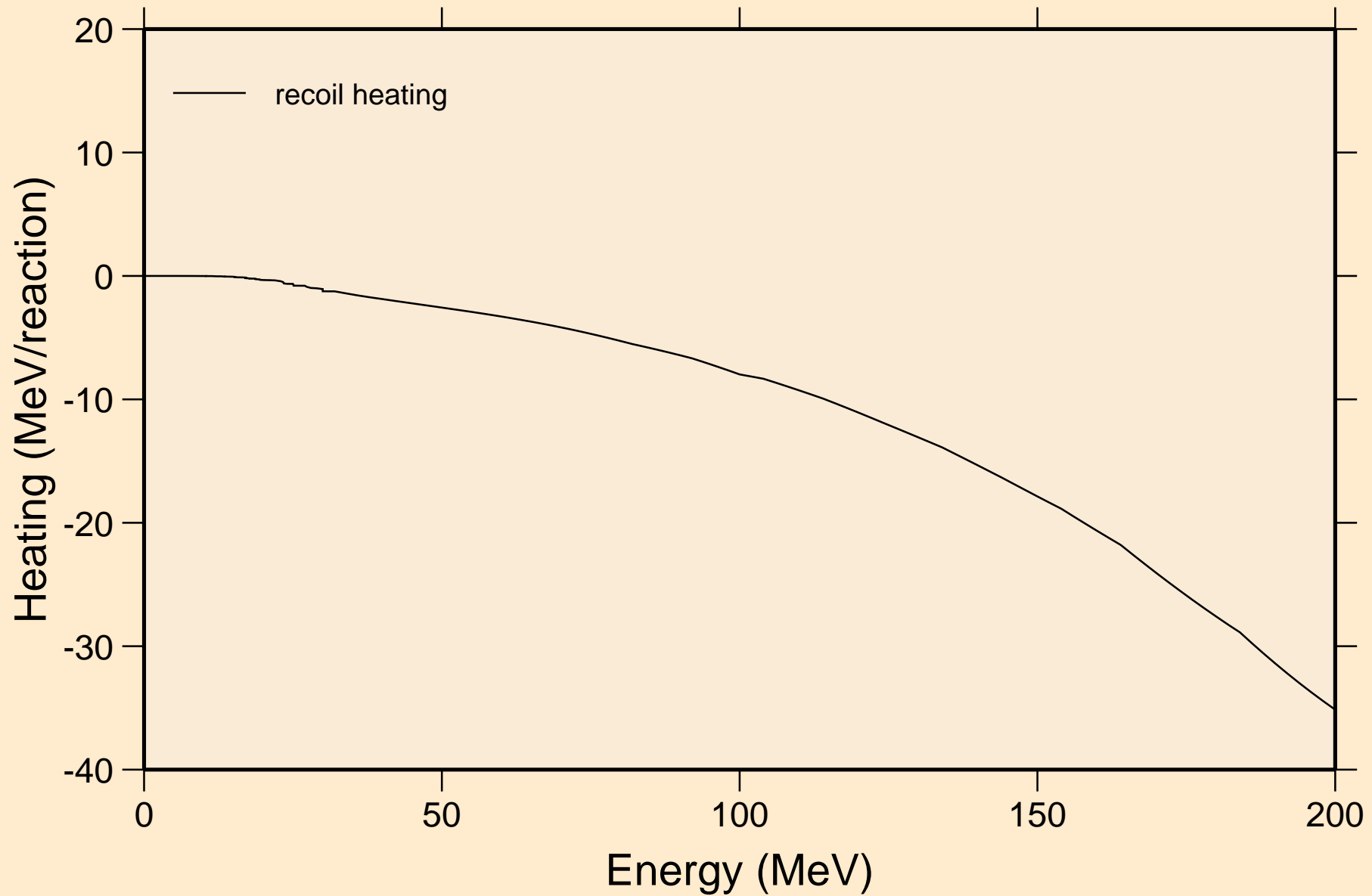
## Particle heating contributions





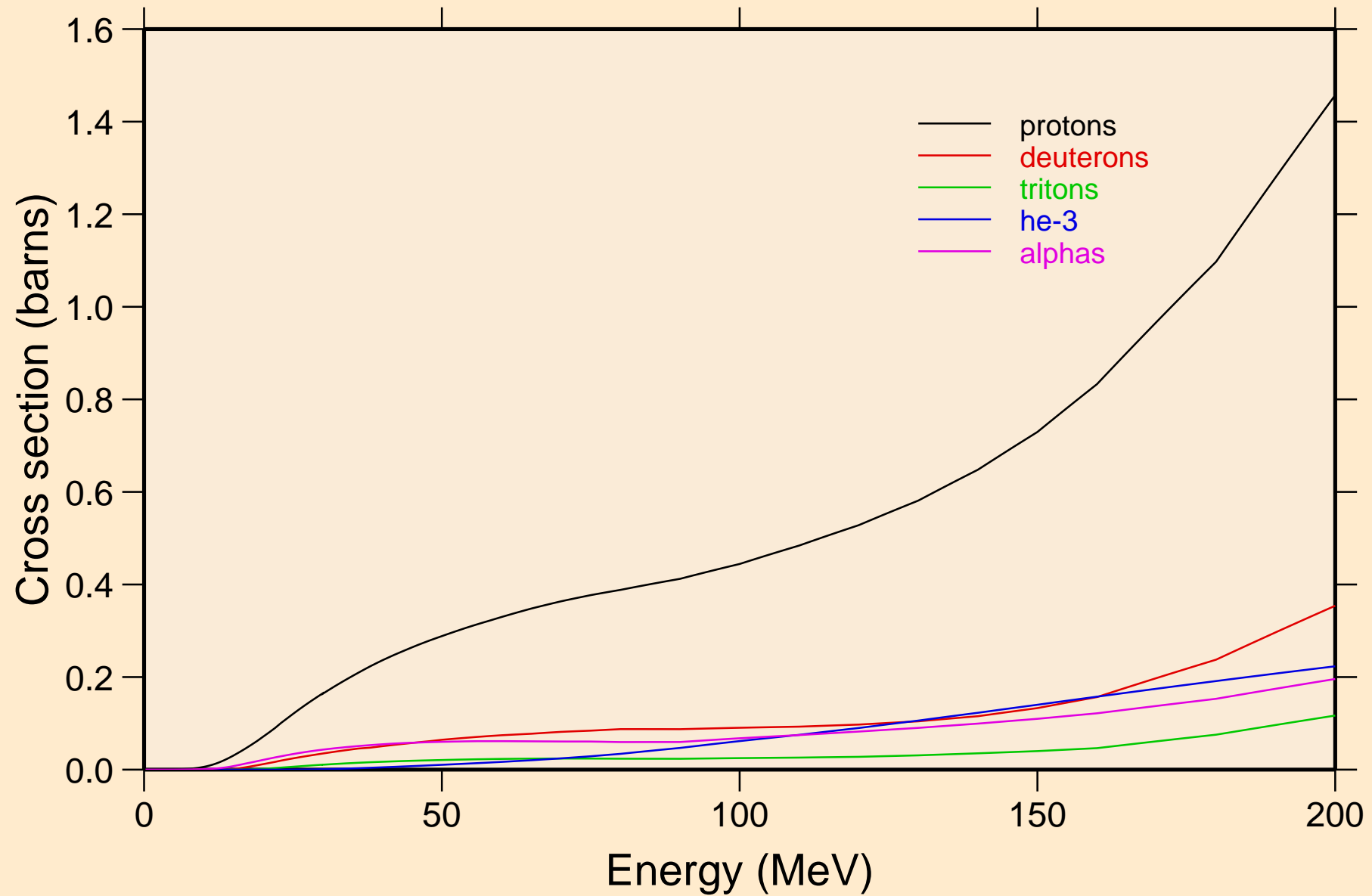
# SE079M NRG TENDL-2015, AKONING

## Recoil Heating

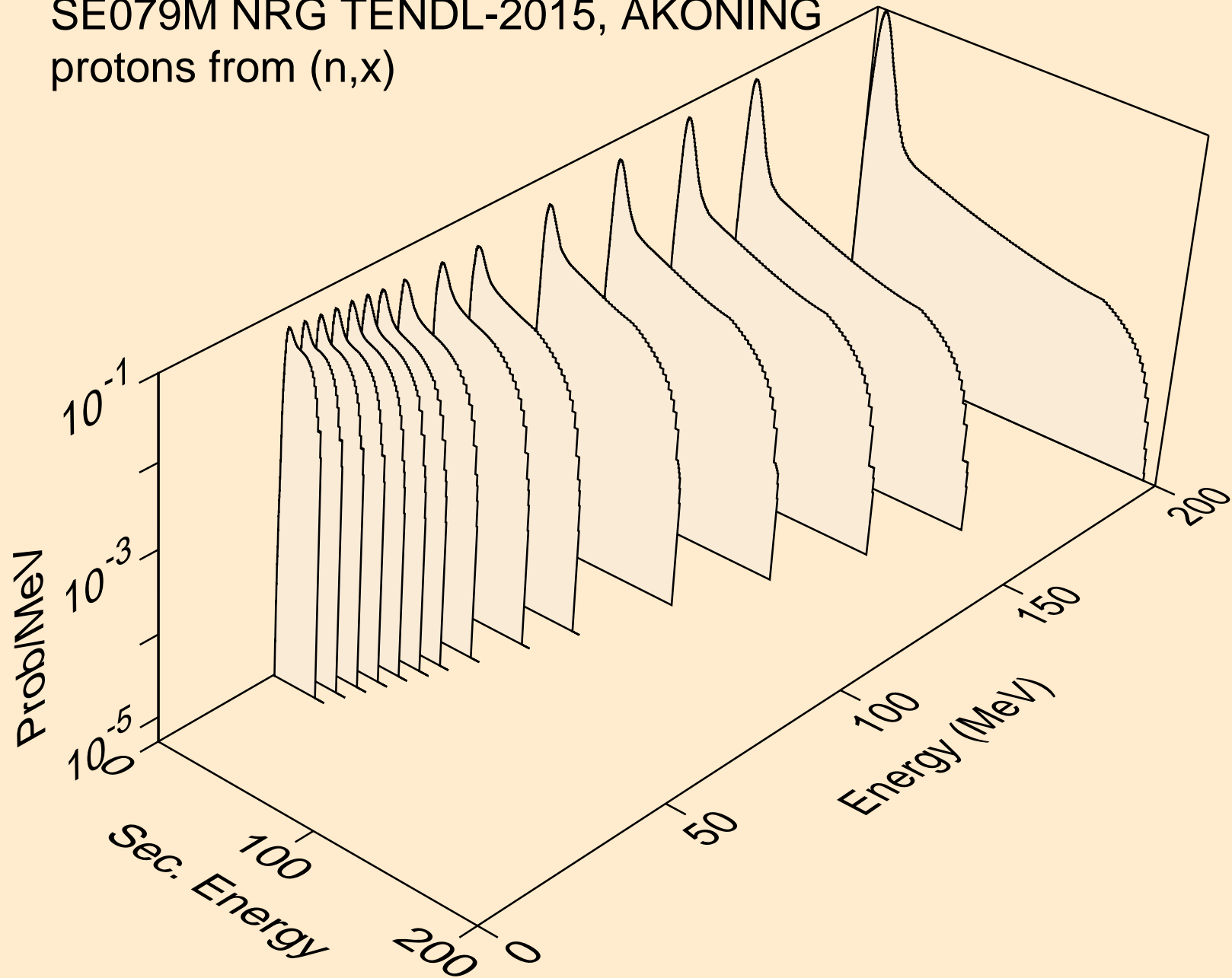


# SE079M NRG TENDL-2015, AKONING

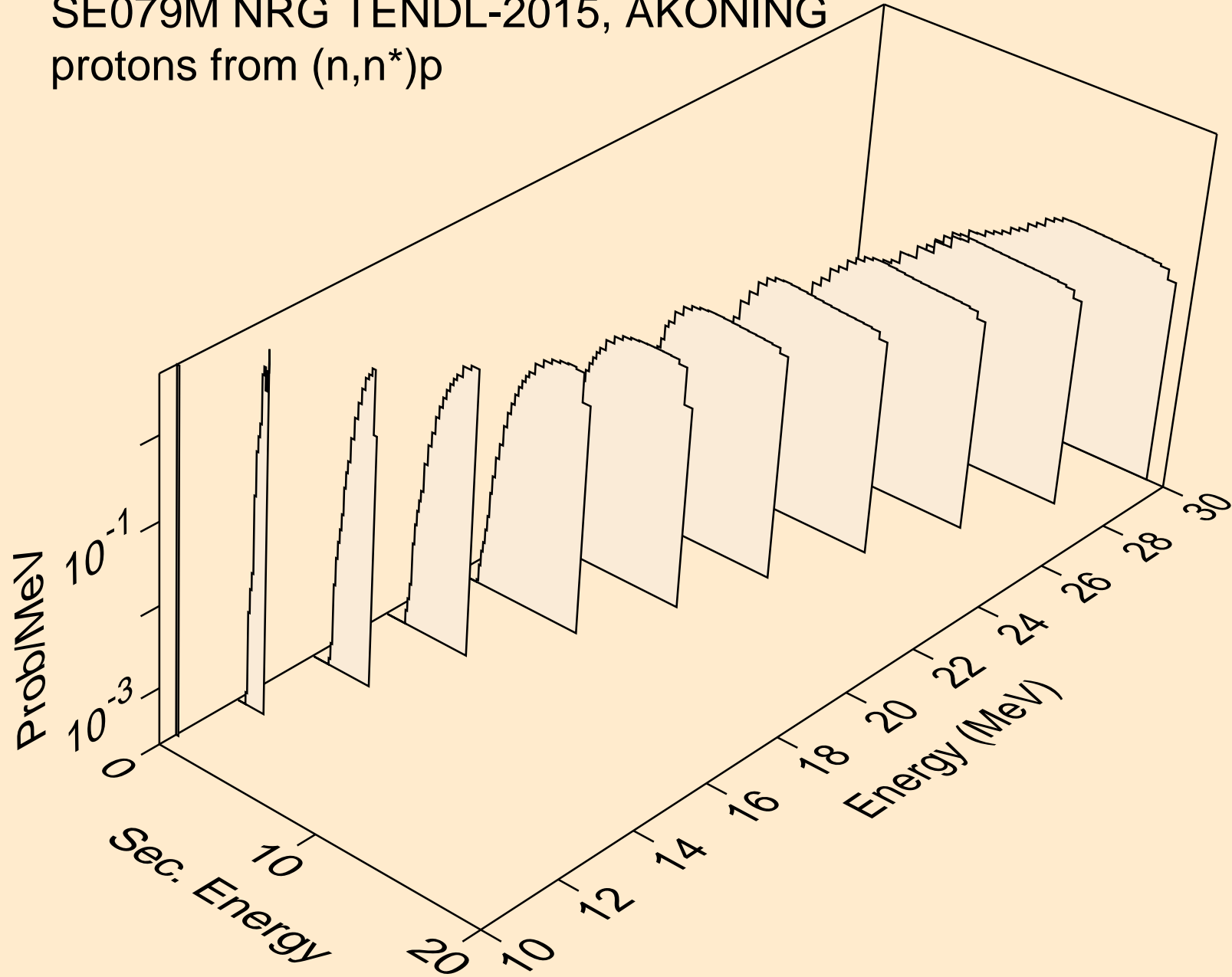
## Particle production cross sections



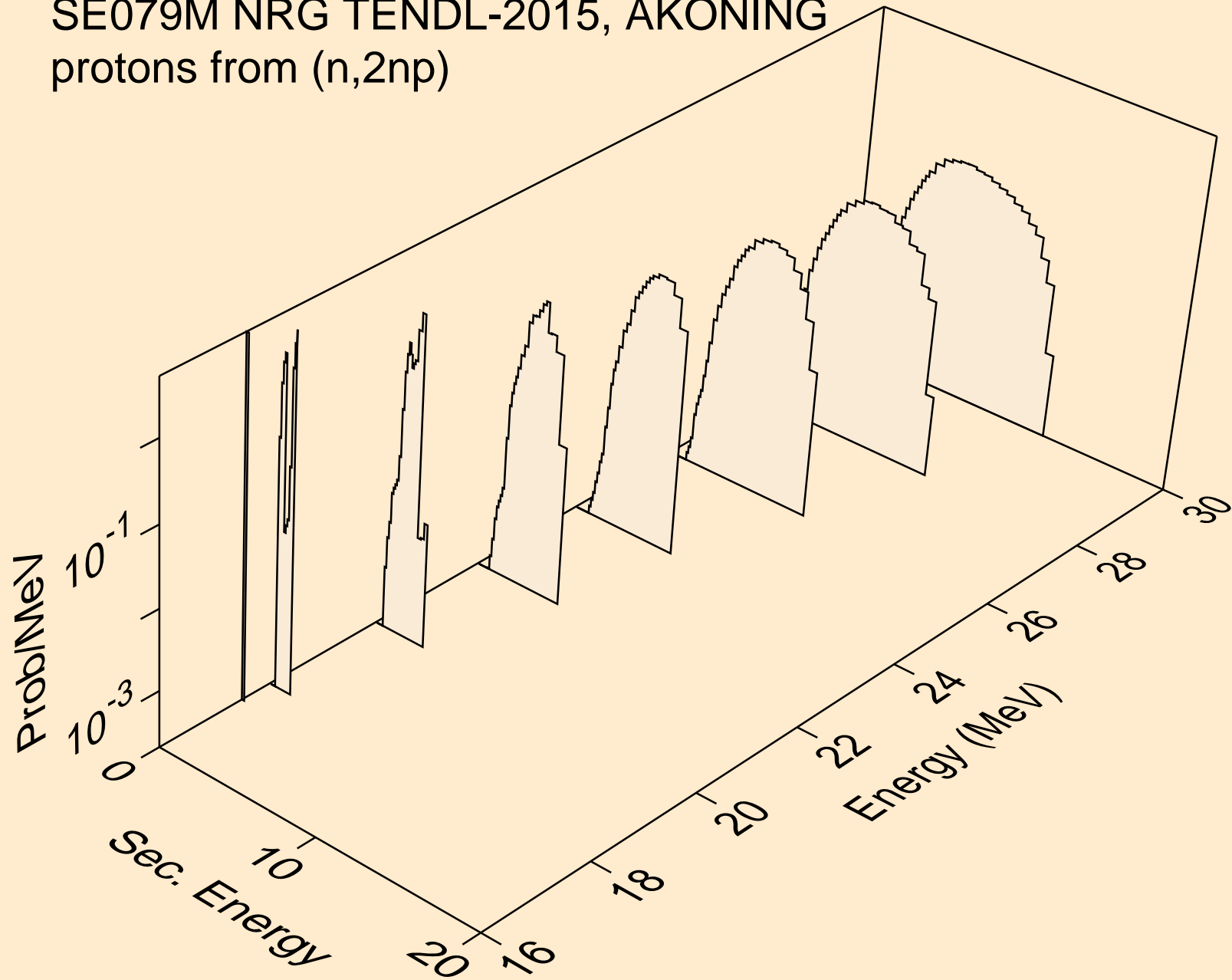
SE079M NRG TENDL-2015, AKONING  
protons from (n,x)



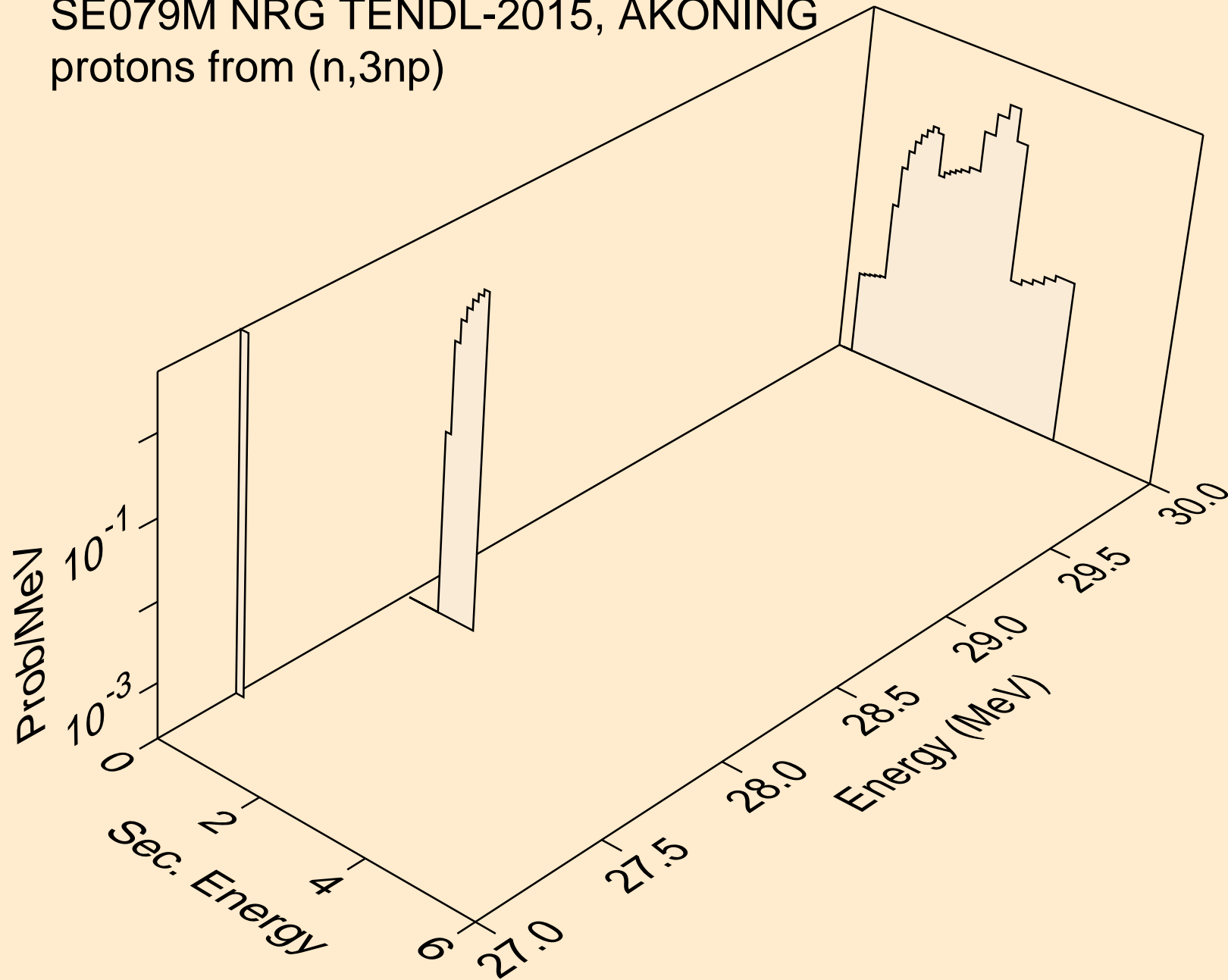
SE079M NRG TENDL-2015, AKONING  
protons from (n,n\*)p



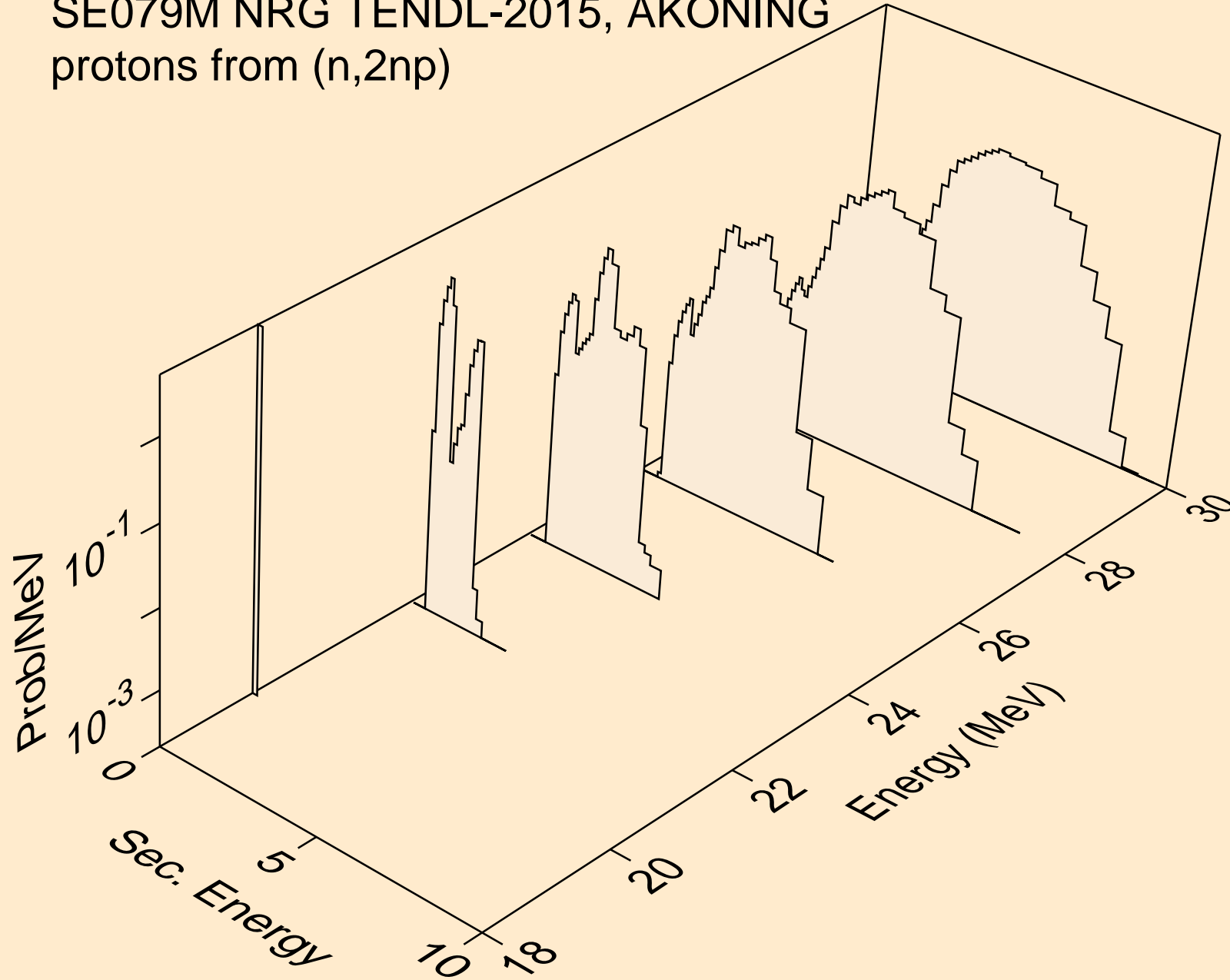
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protons from (n,2np)



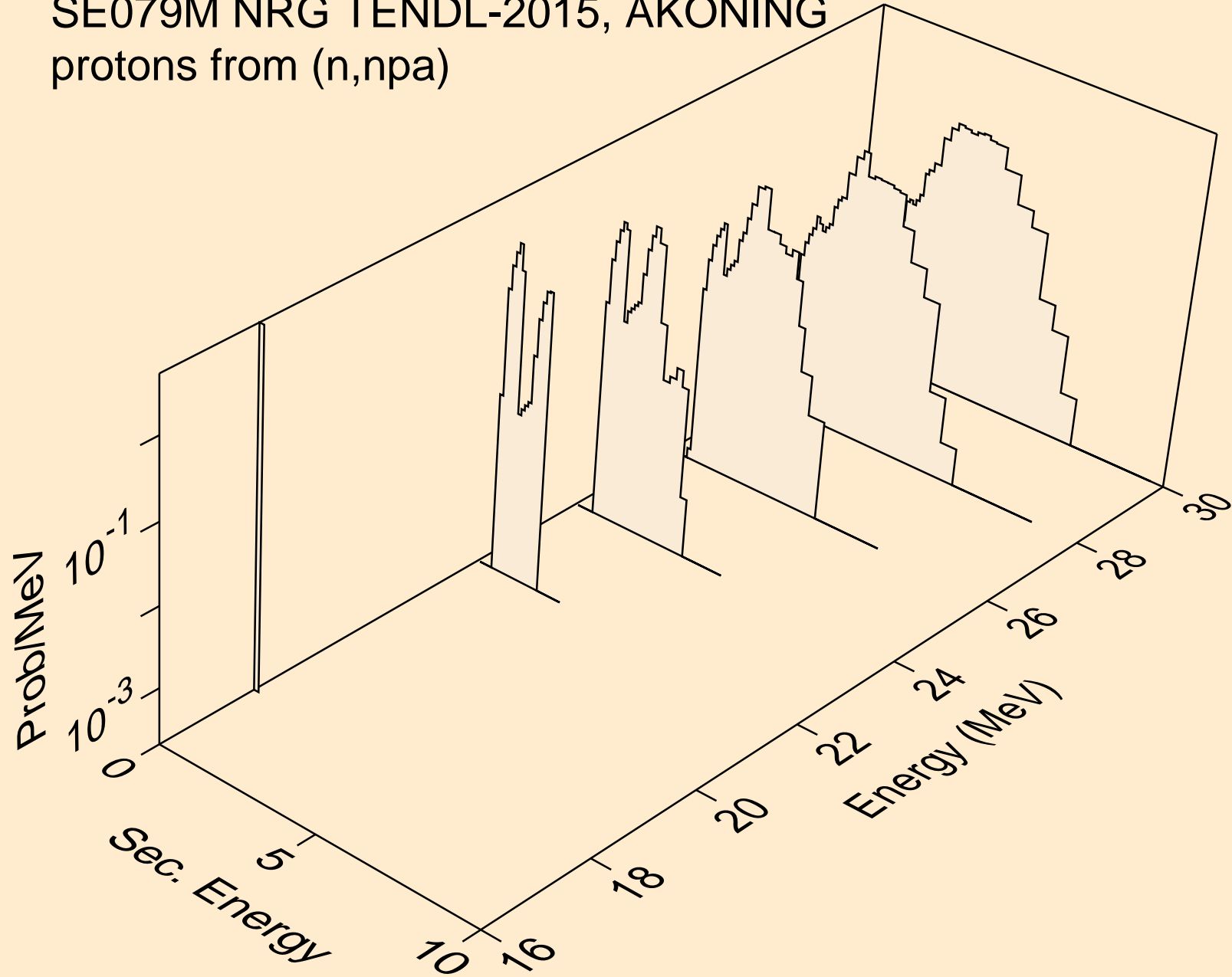
SE079M NRG TENDL-2015, AKONING  
protons from (n,3np)



SE079M NRG TENDL-2015, AKONING  
protons from (n,2np)

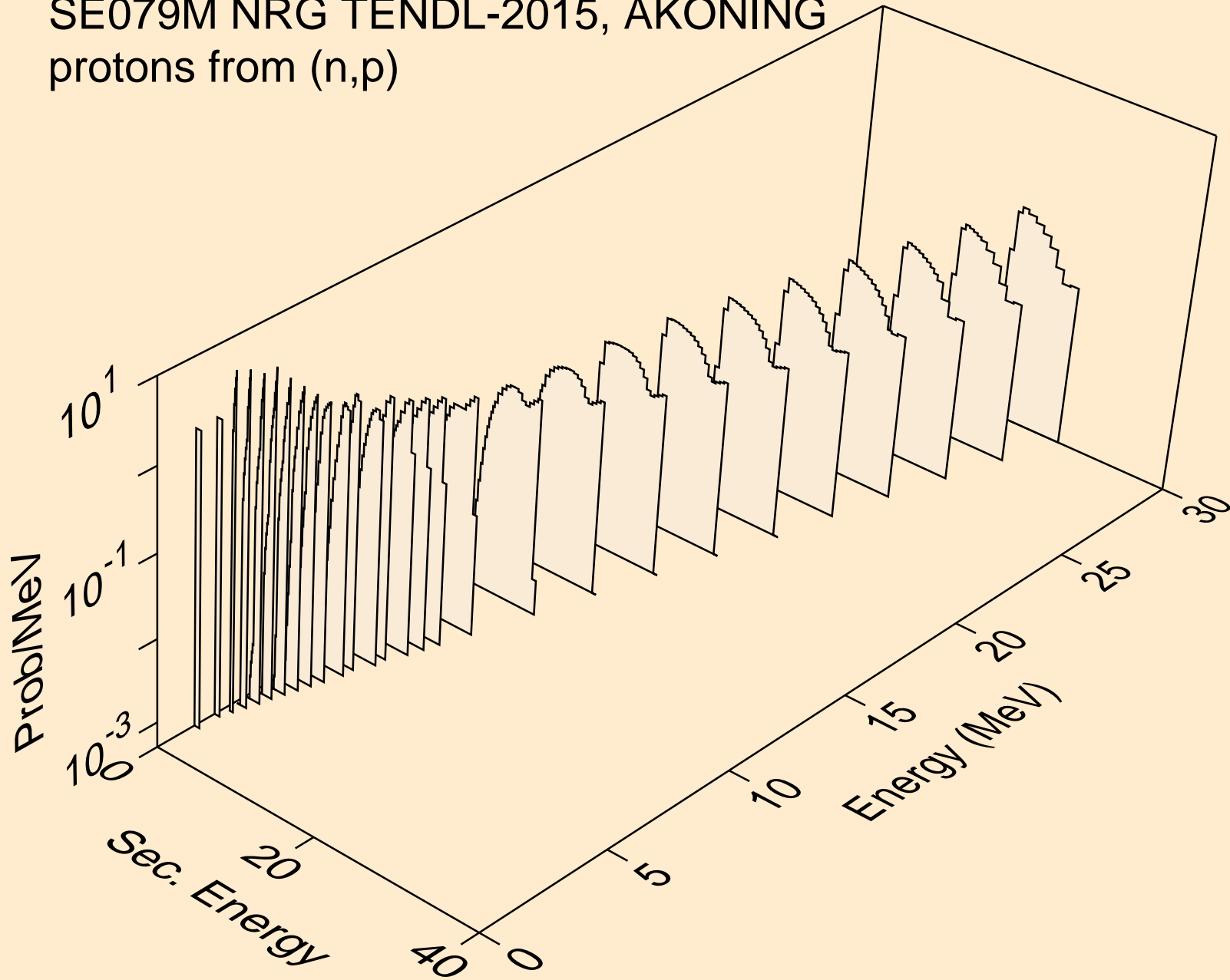


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protons from (n,npa)

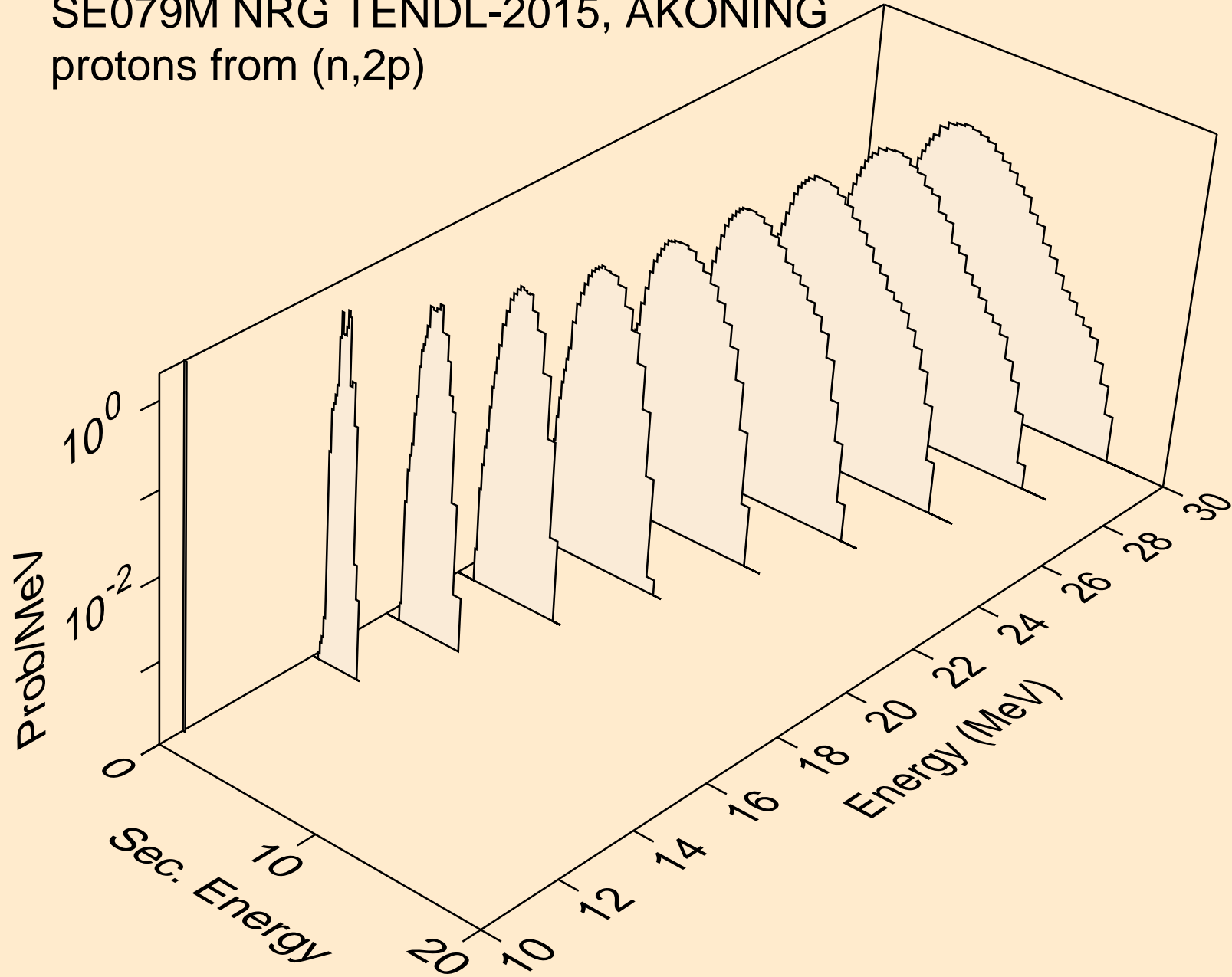




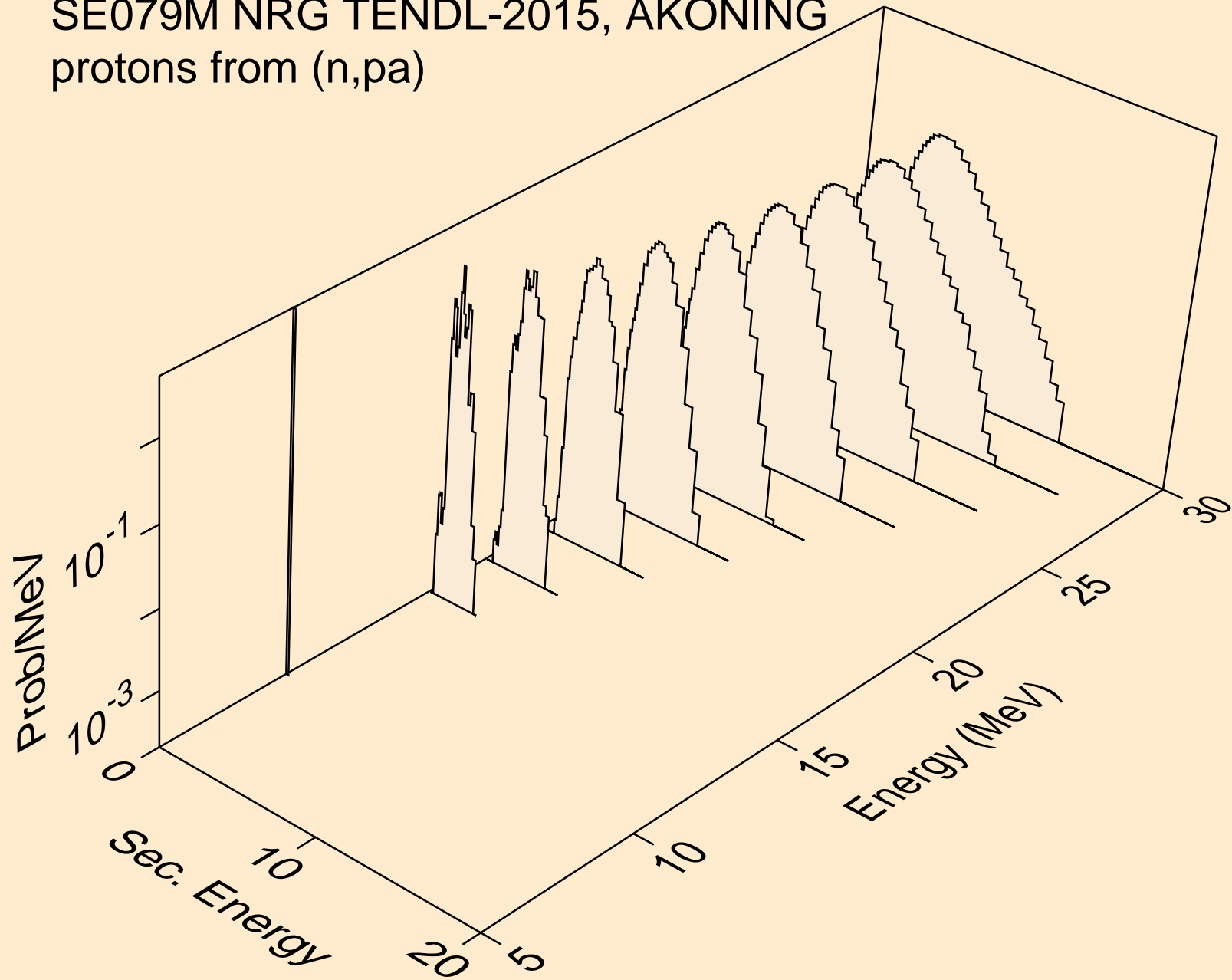
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protons from (n,p)



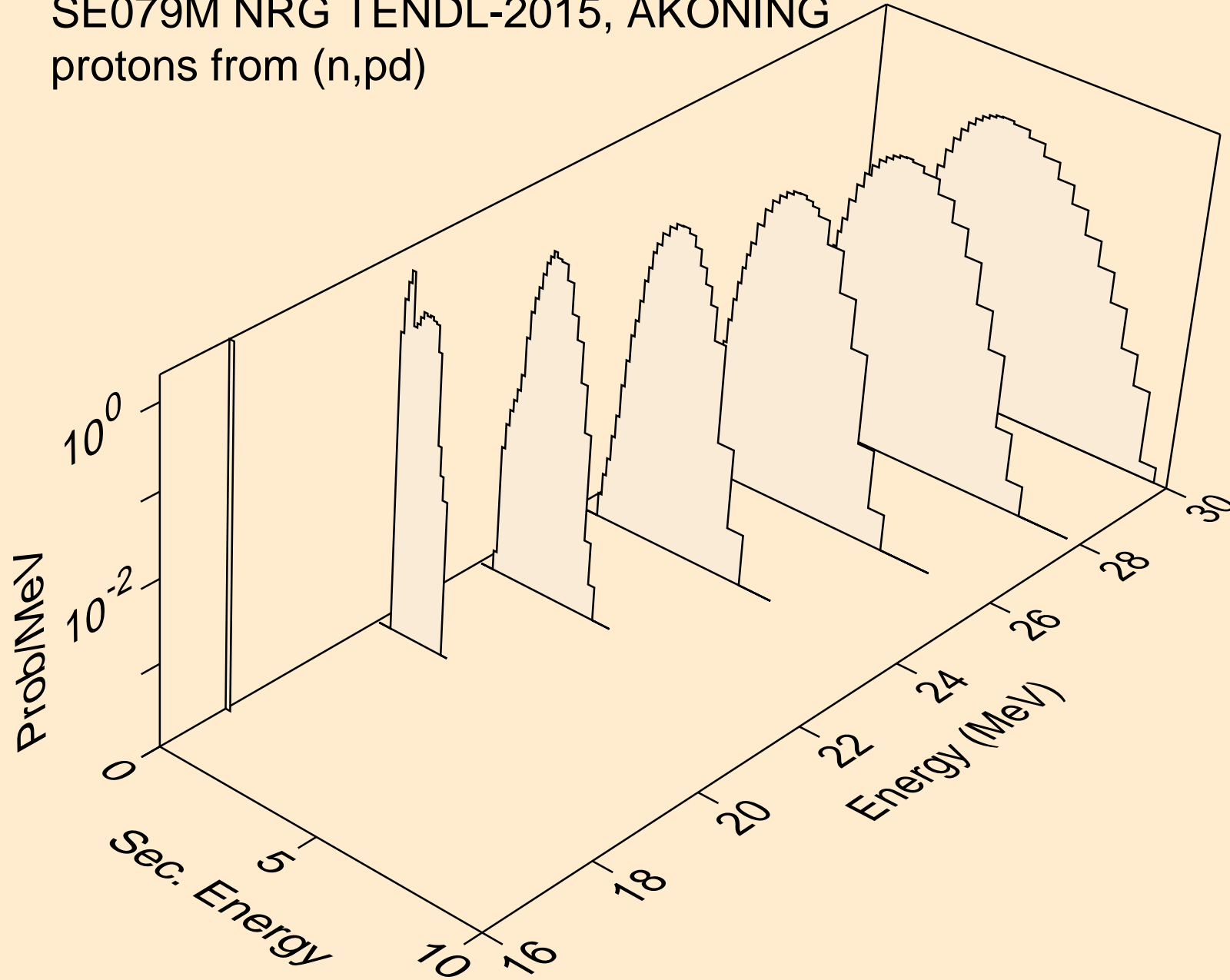
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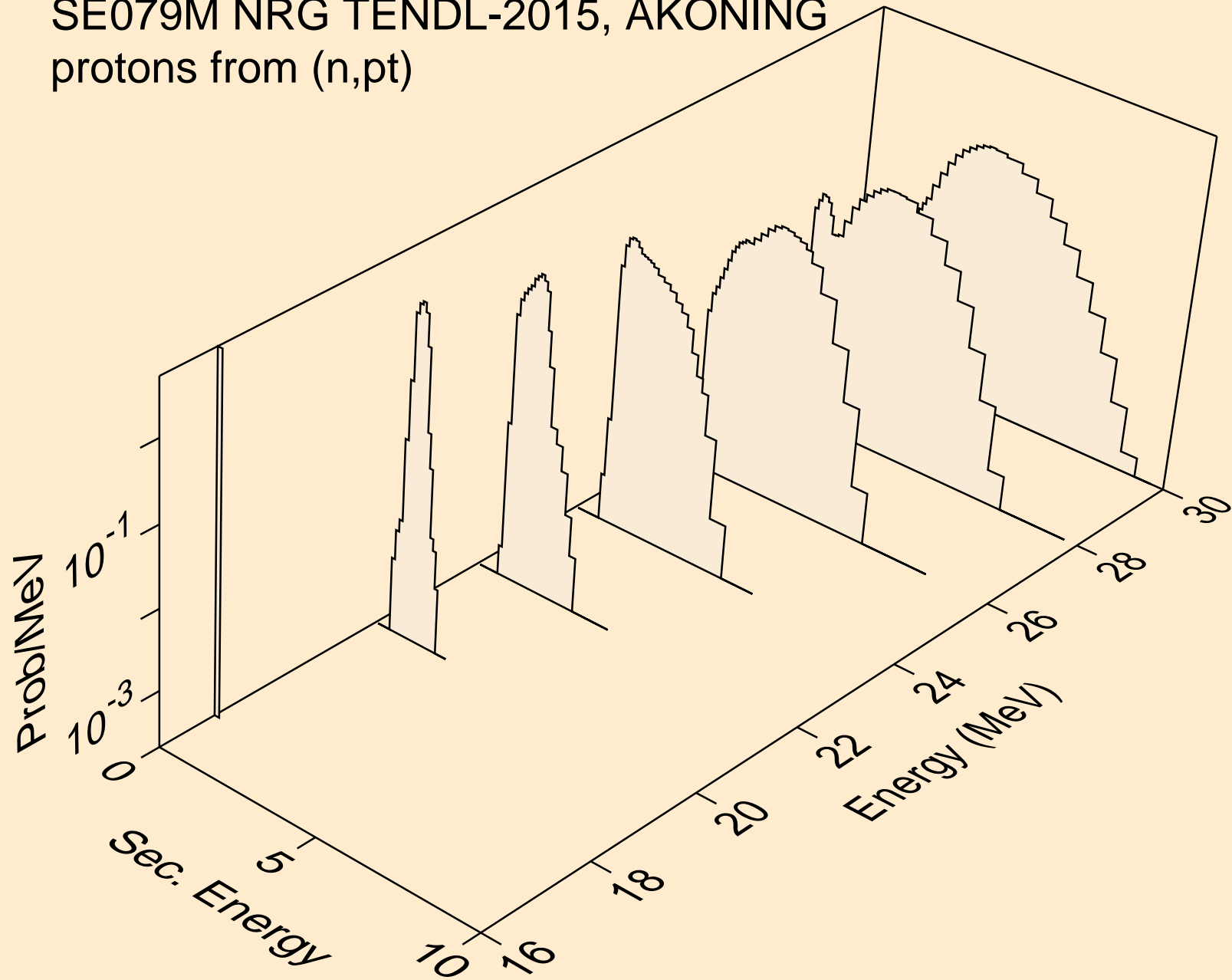
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protons from (n,pa)



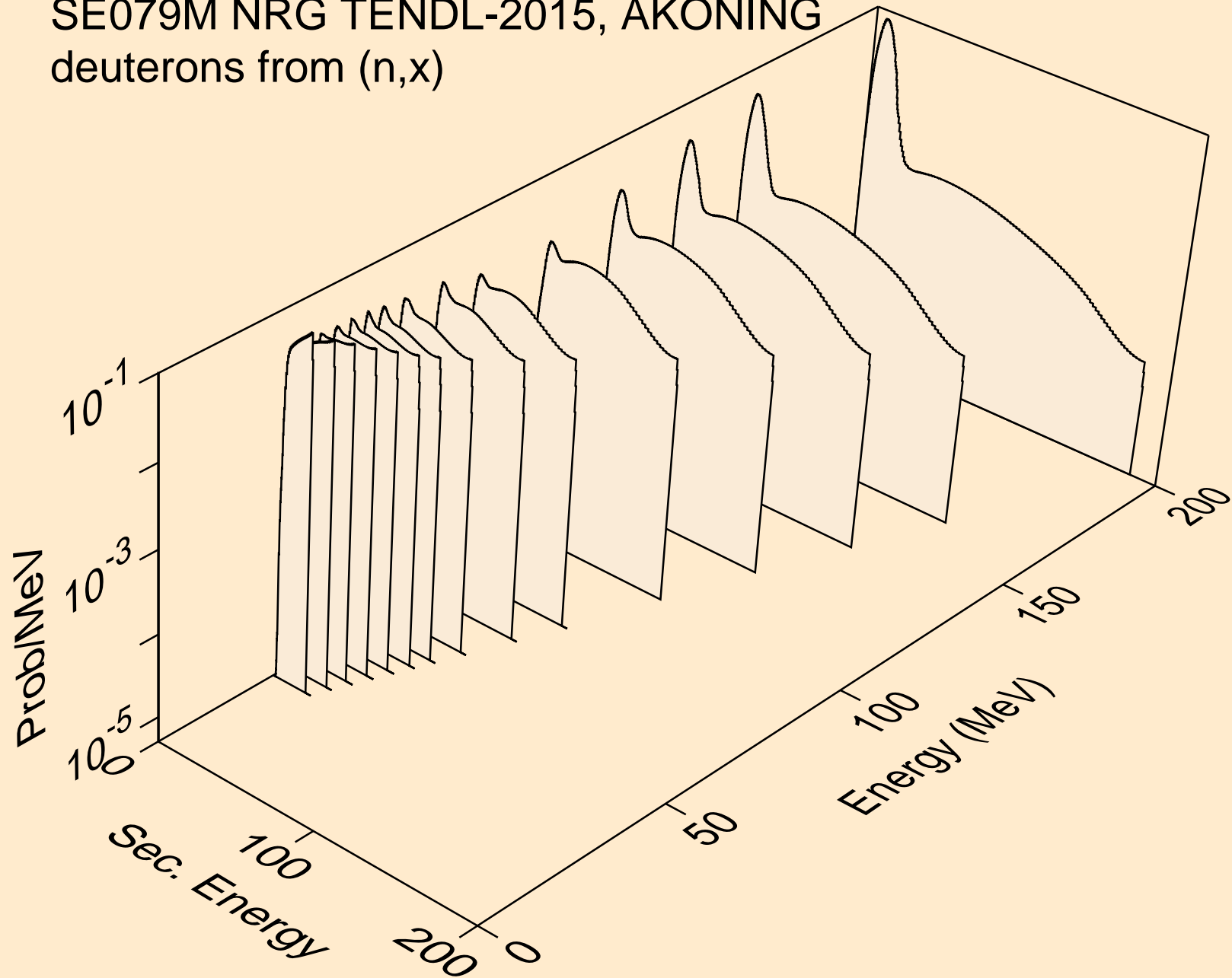
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protons from (n,pd)



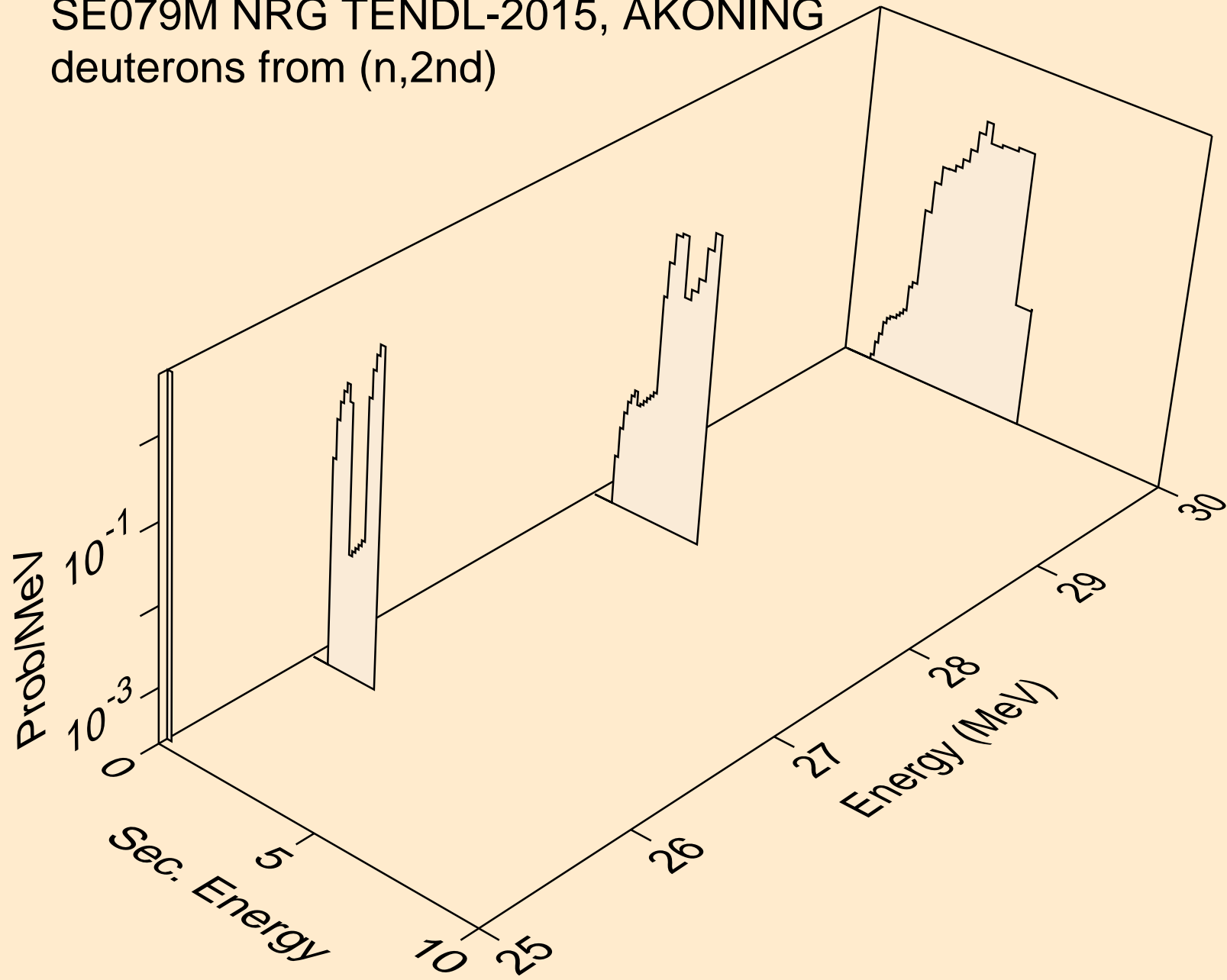
SE079M NRG TENDL-2015, AKONING  
protons from (n,pt)



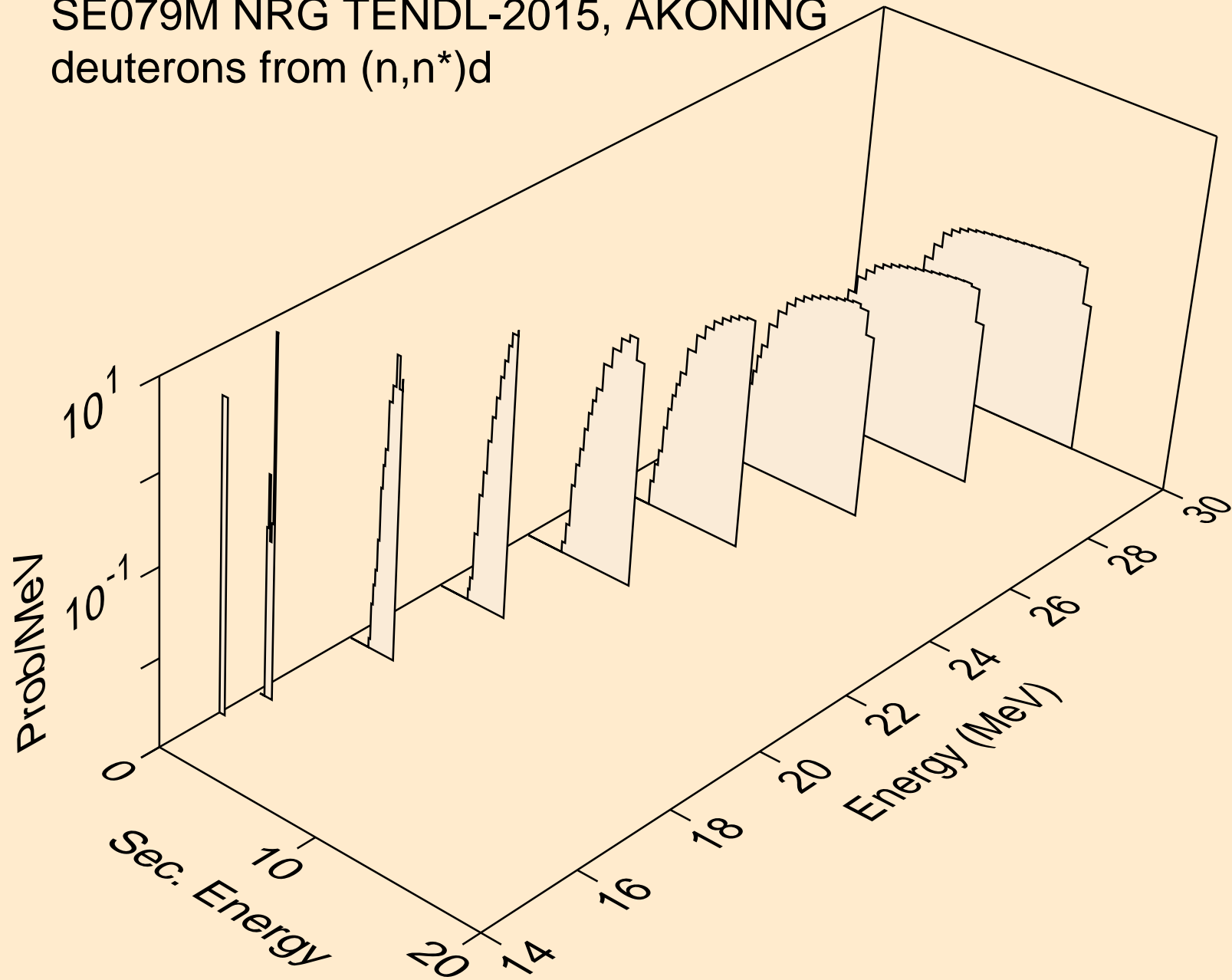
SE079M NRG TENDL-2015, AKONING  
deuterons from (n,x)



SE079M NRG TENDL-2015, AKONING  
deuterons from (n,2nd)

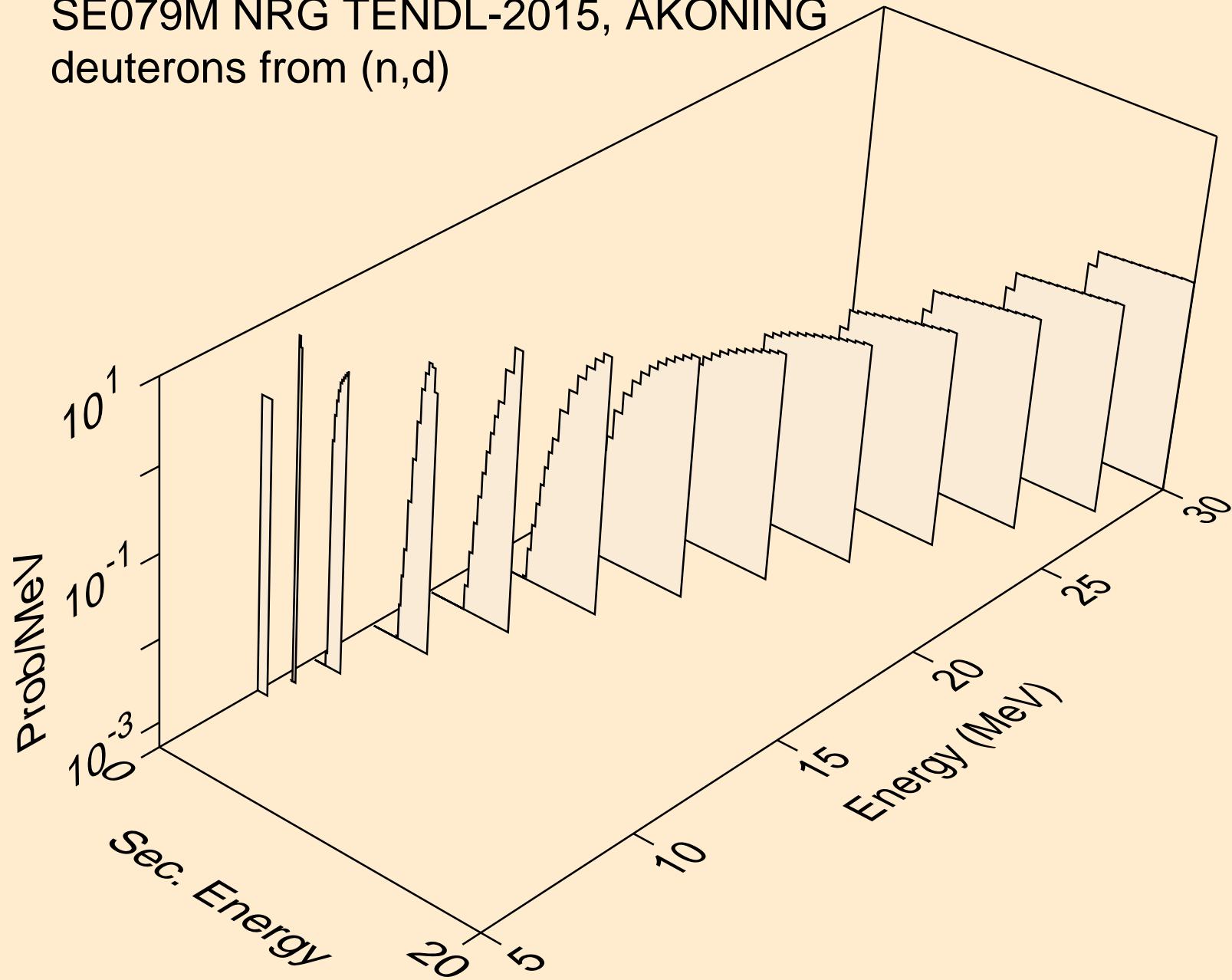


SE079M NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

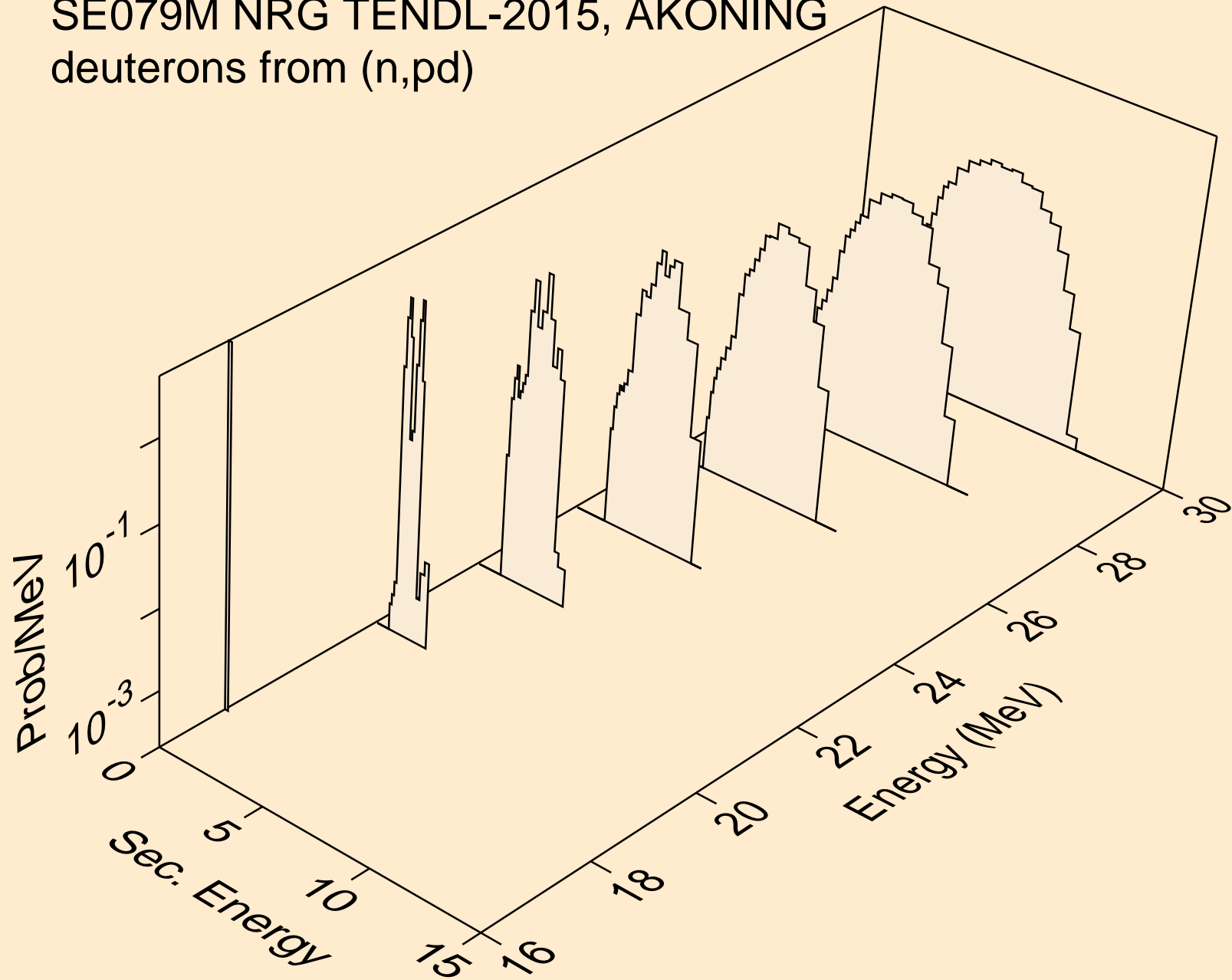




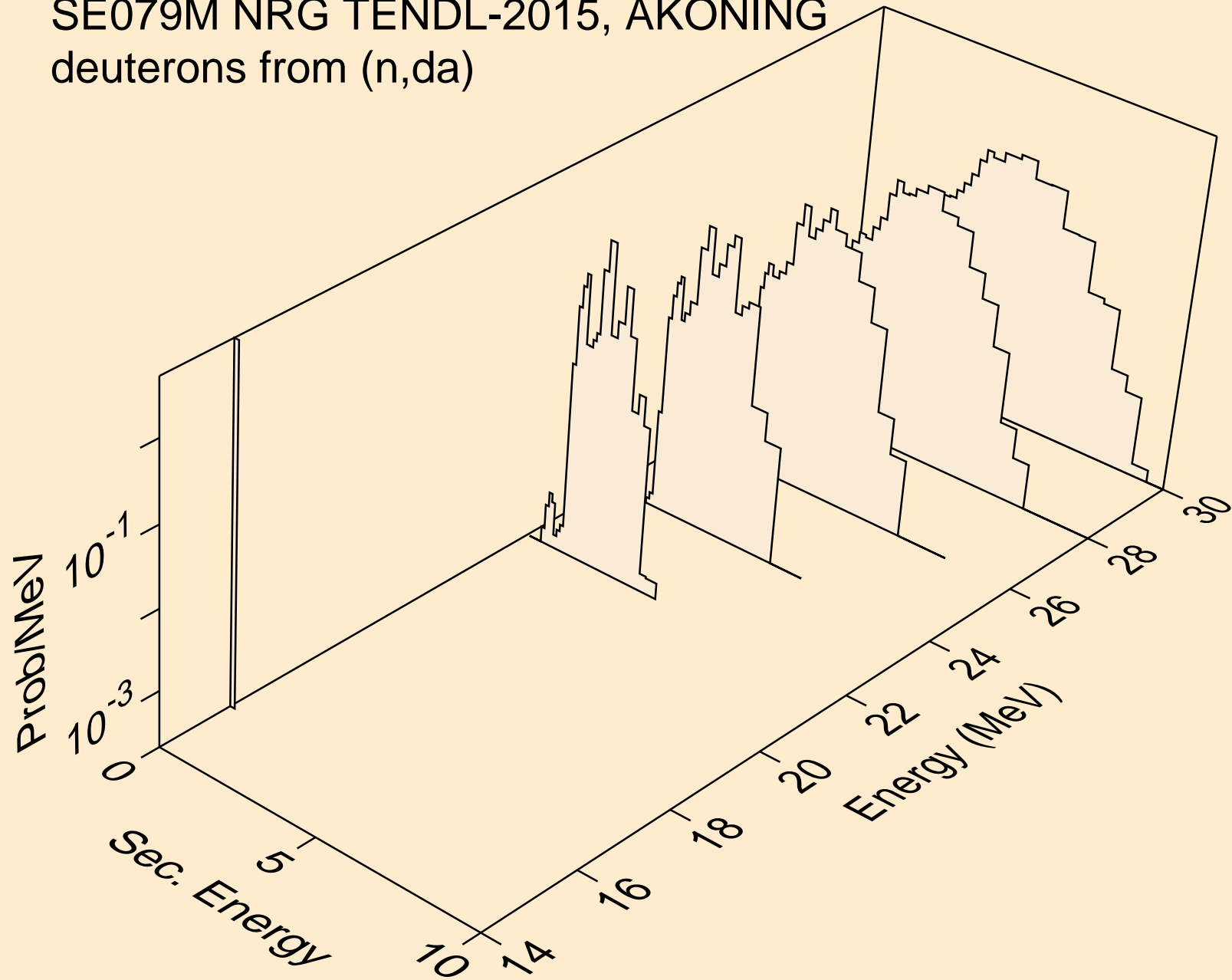
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deuterons from (n,d)



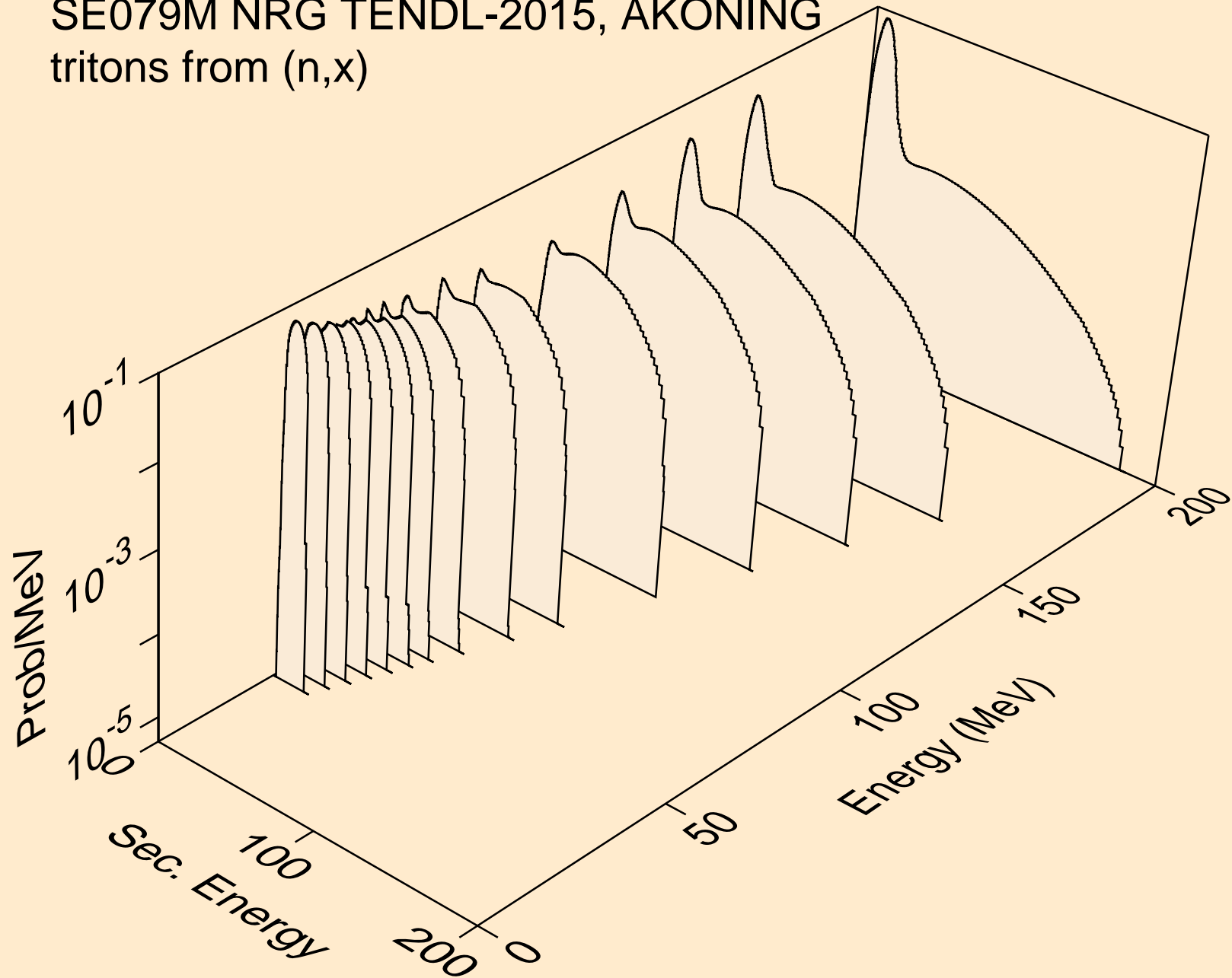
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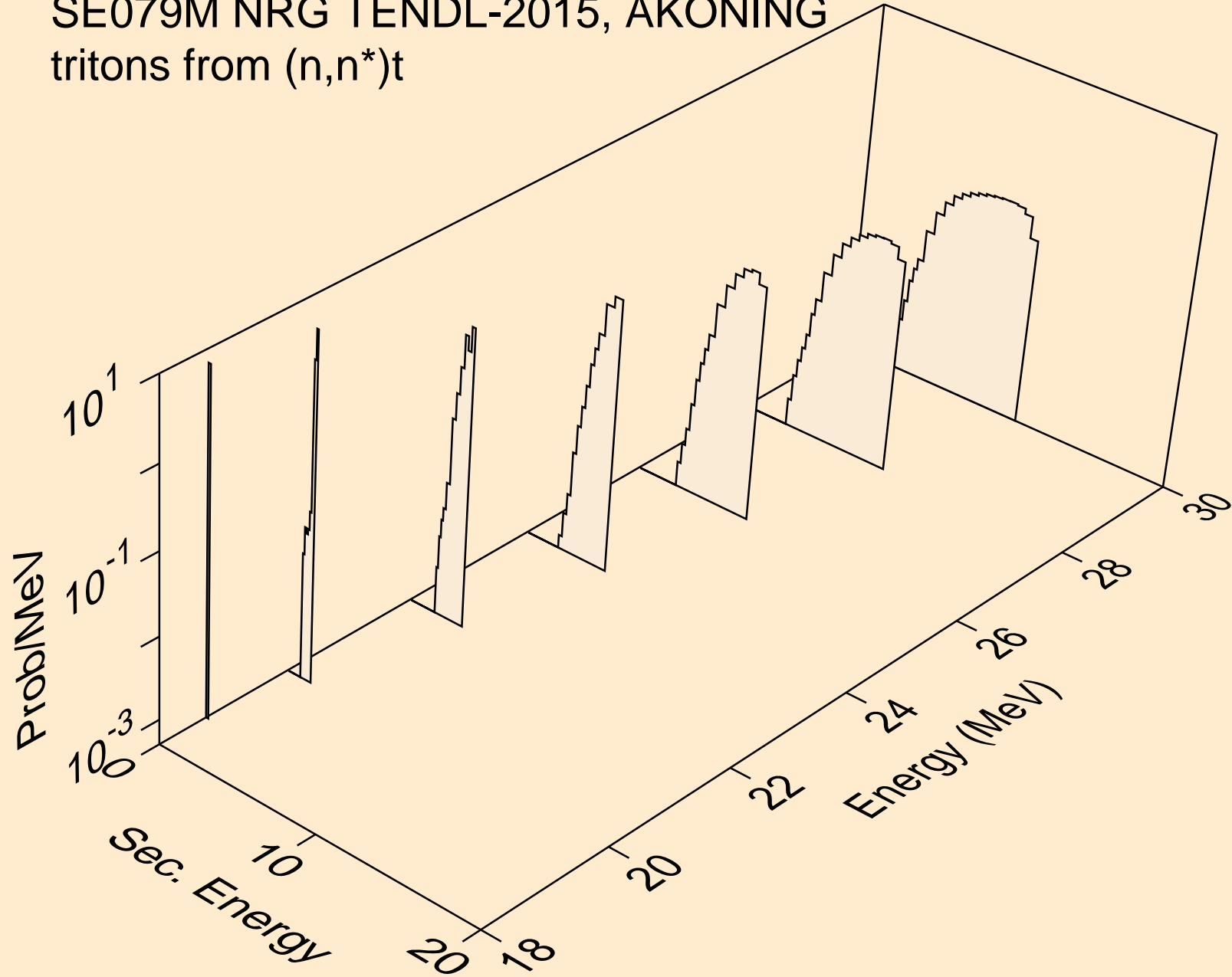
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deuterons from (n,da)



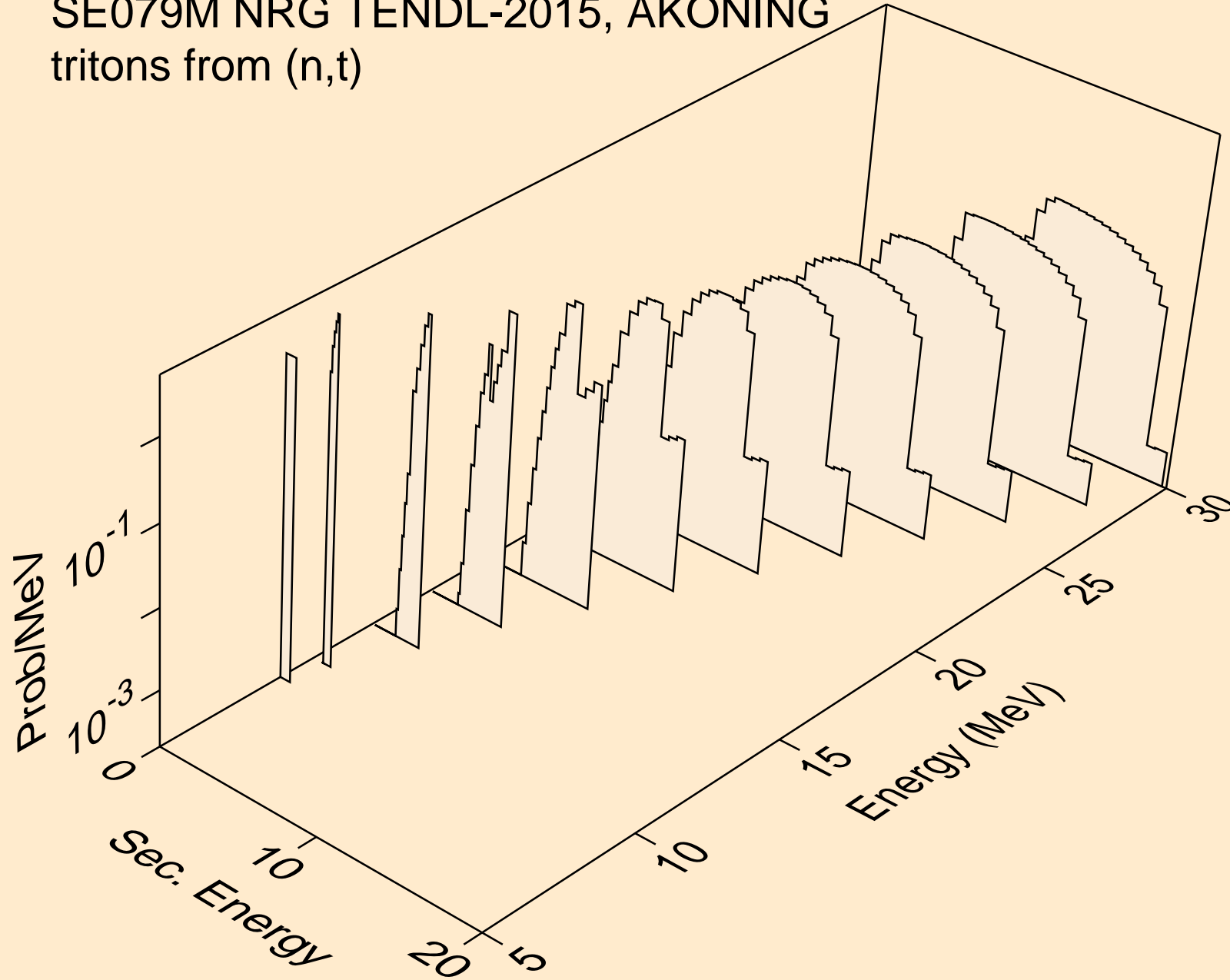
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tritons from (n,x)



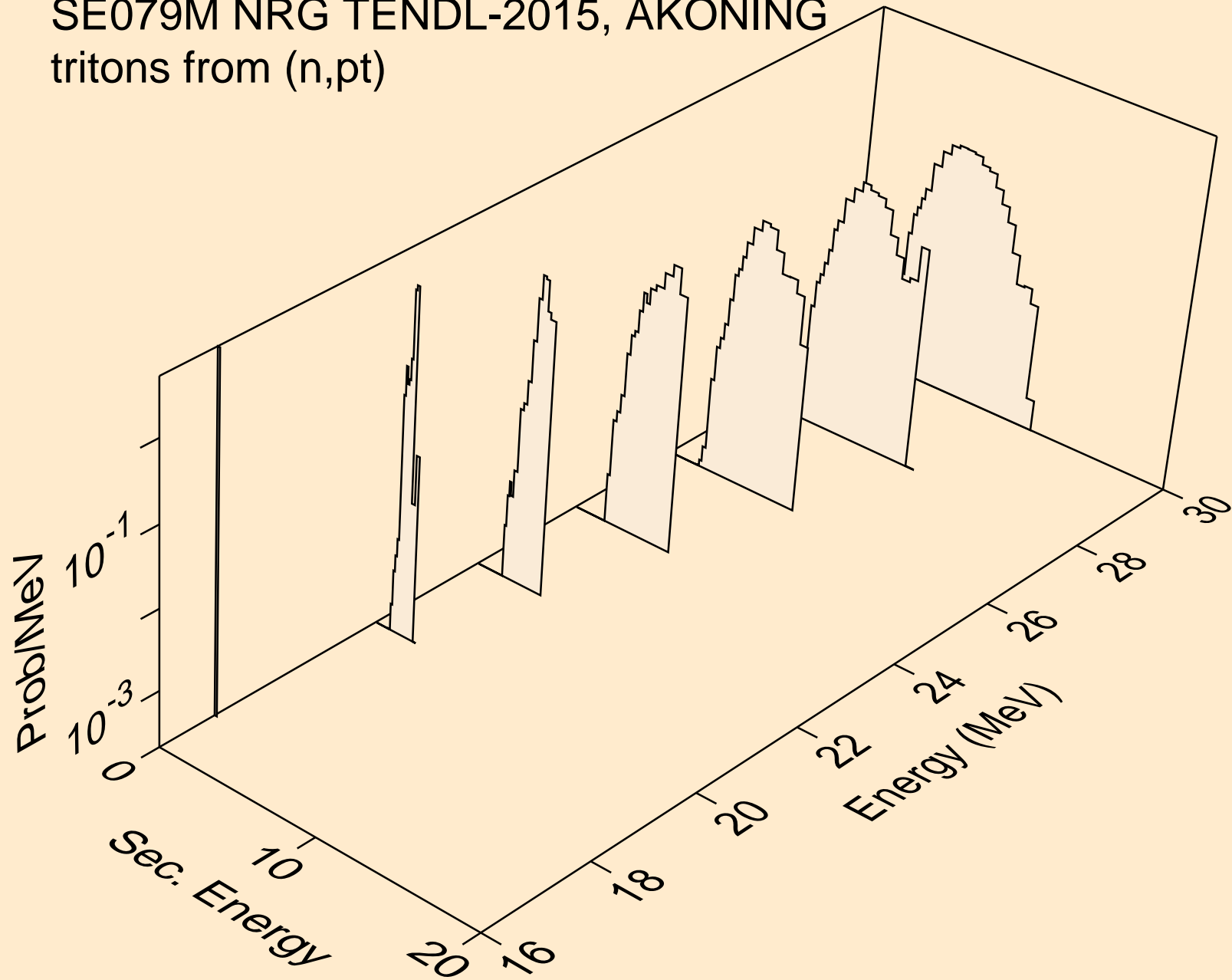
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tritons from (n,n\*)t



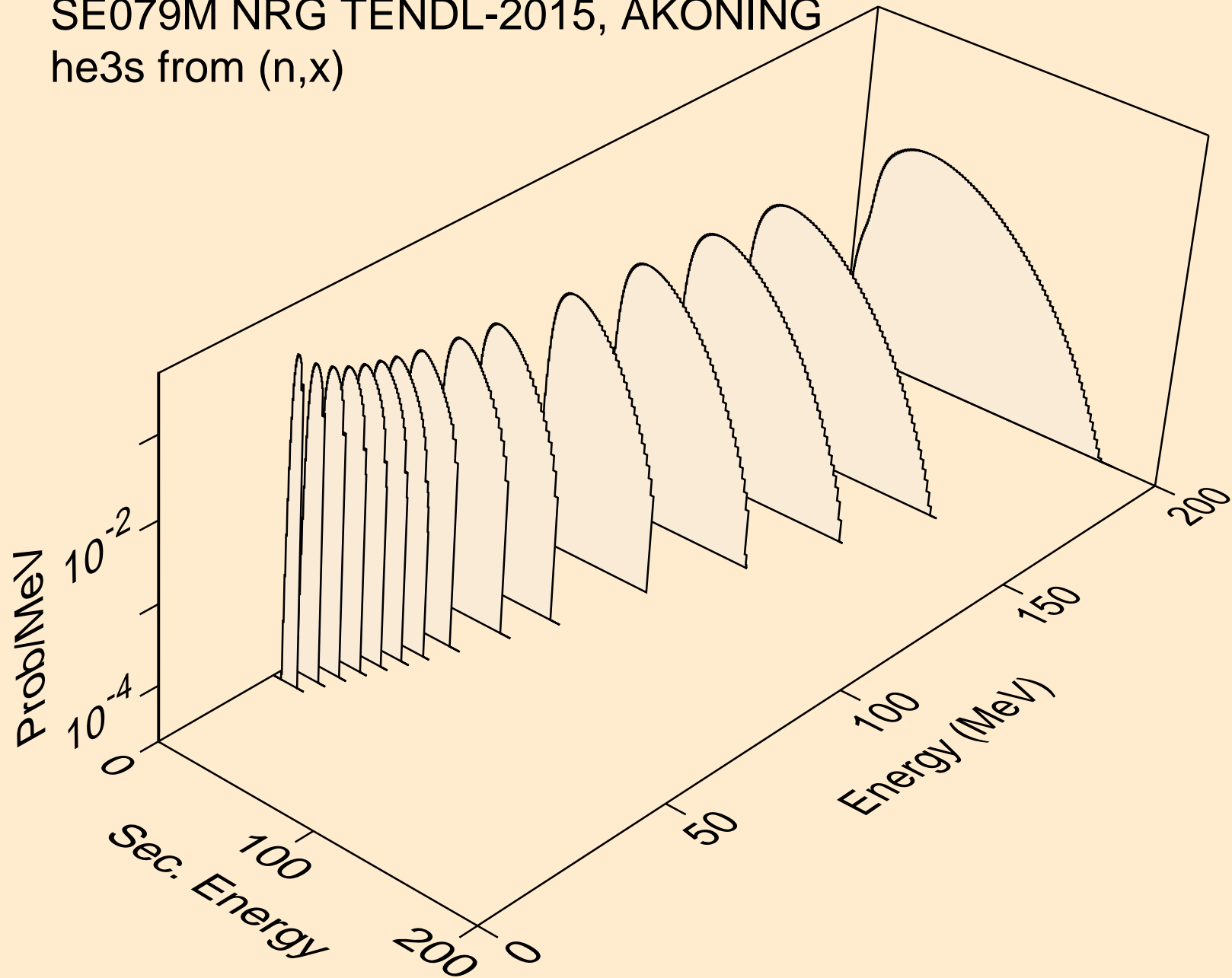
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SE079M NRG TENDL-2015, AKONING  
tritons from (n,pt)

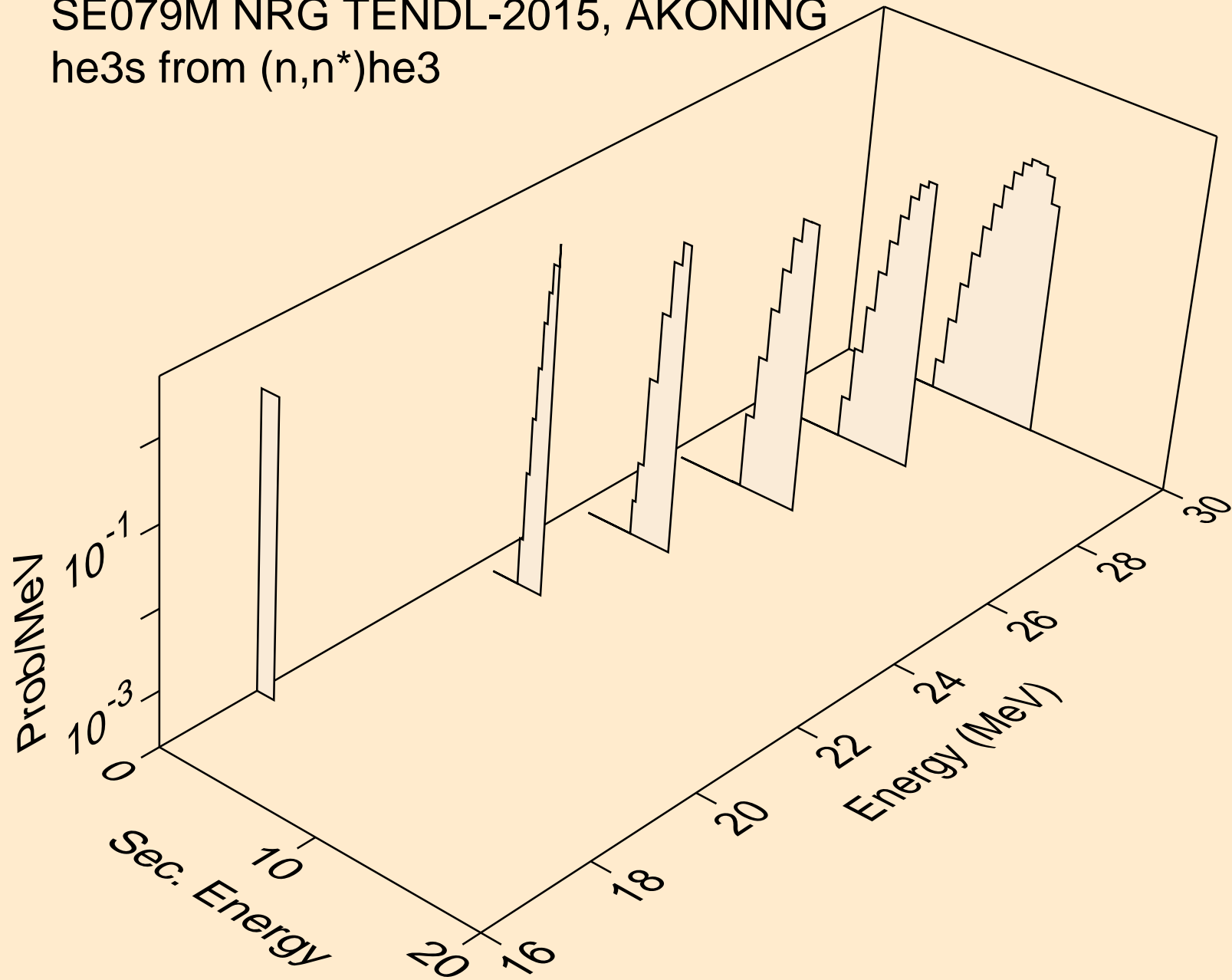


SE079M NRG TENDL-2015, AKONING  
he3s from (n,x)

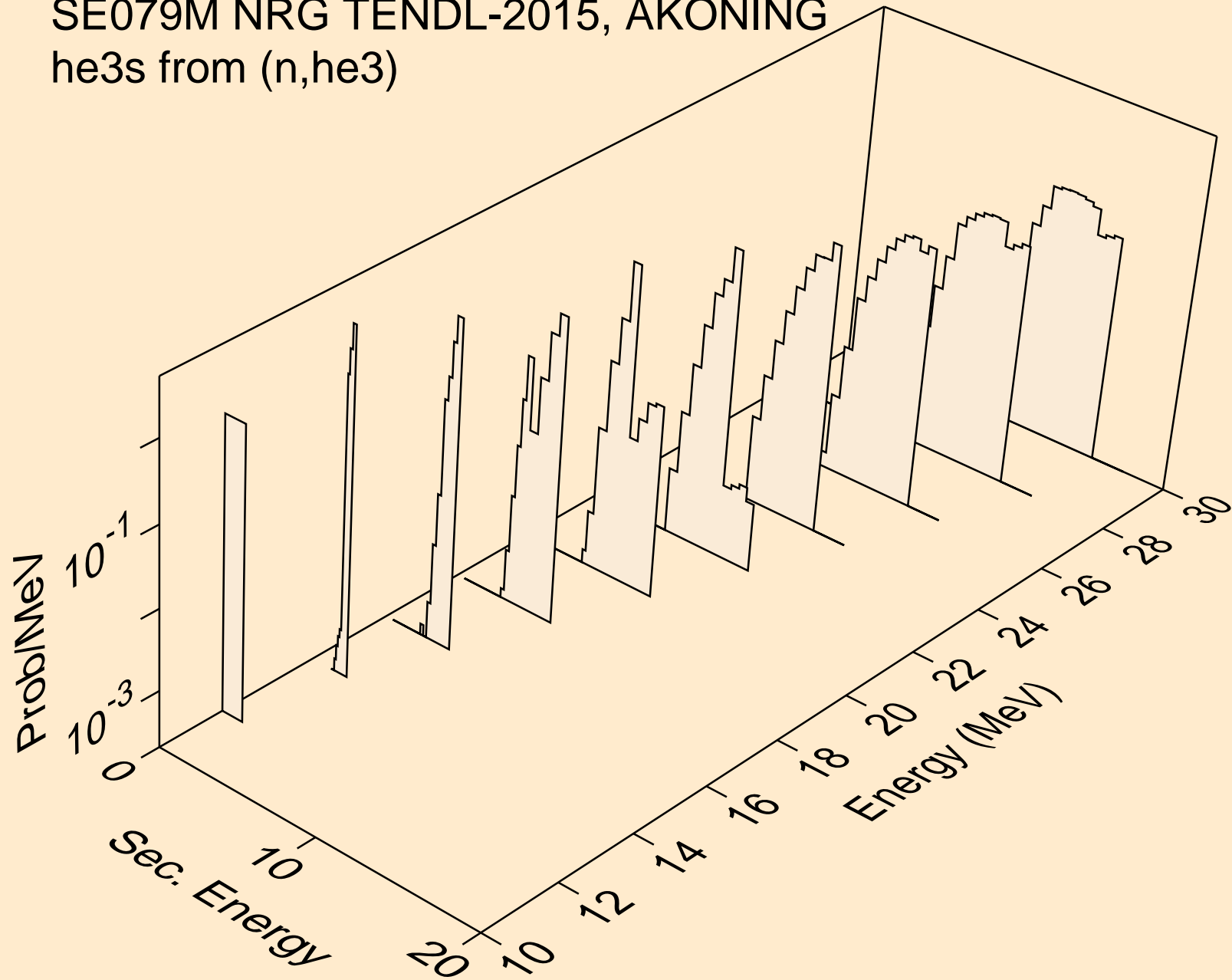




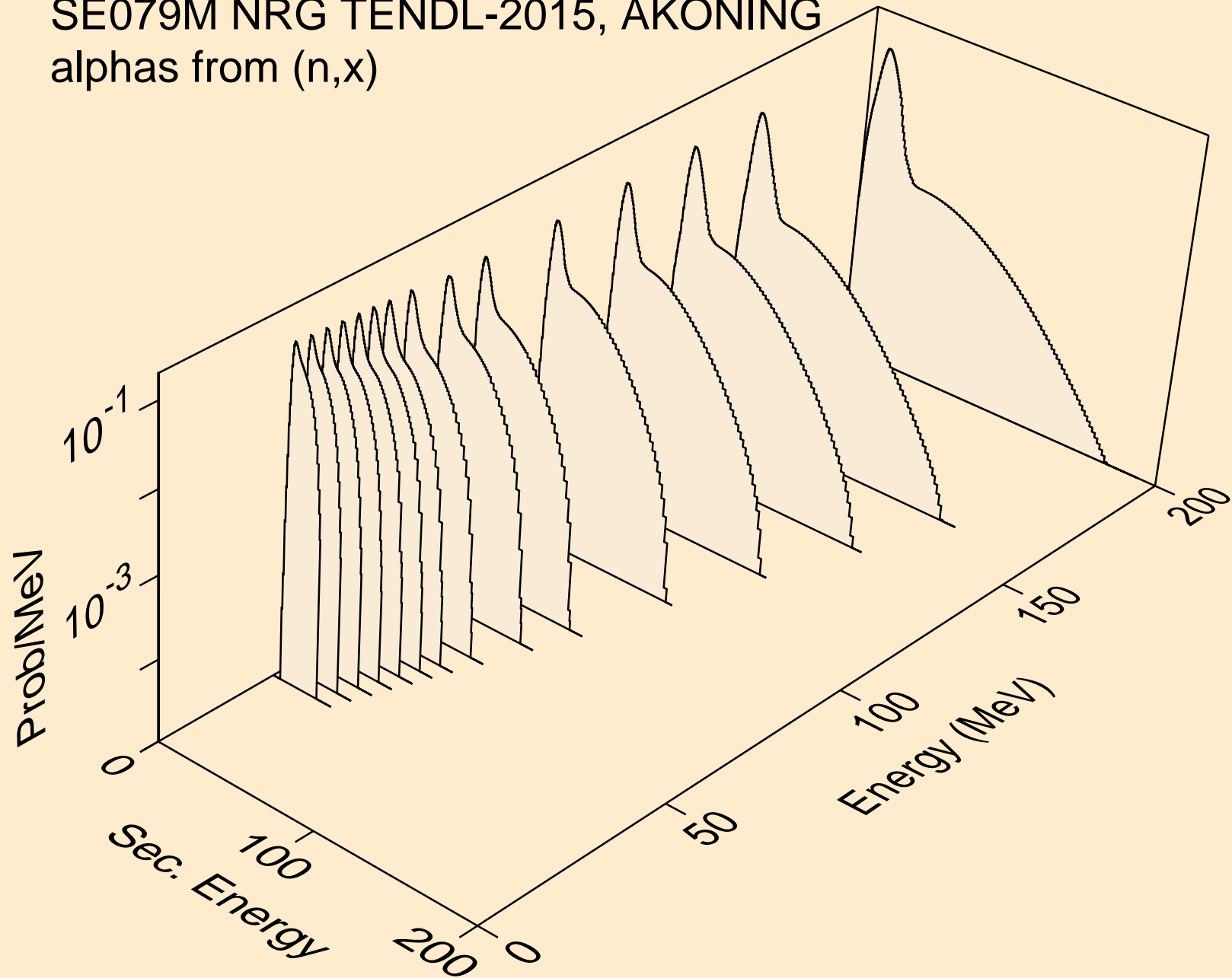
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he3s from (n,n\*)he3



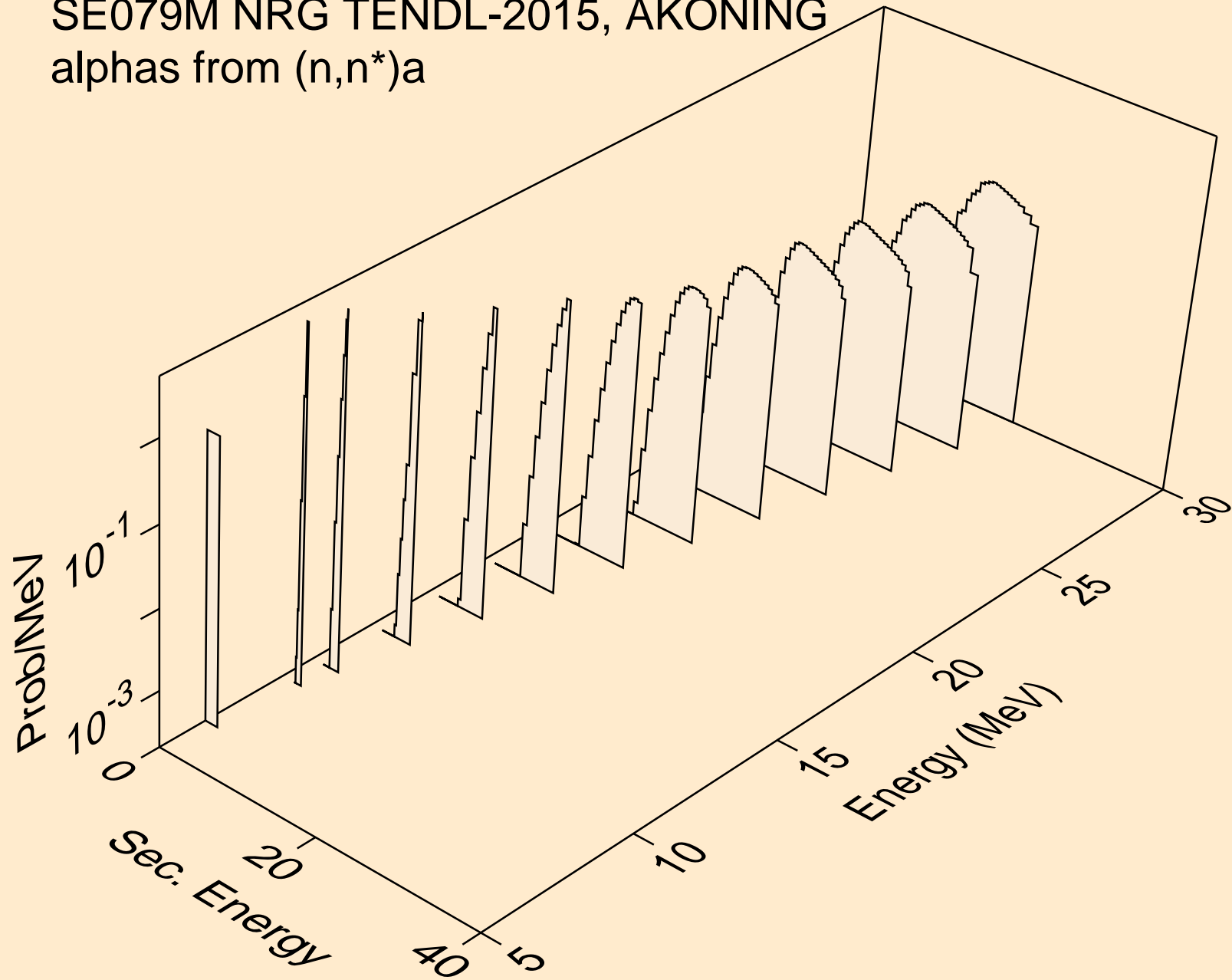
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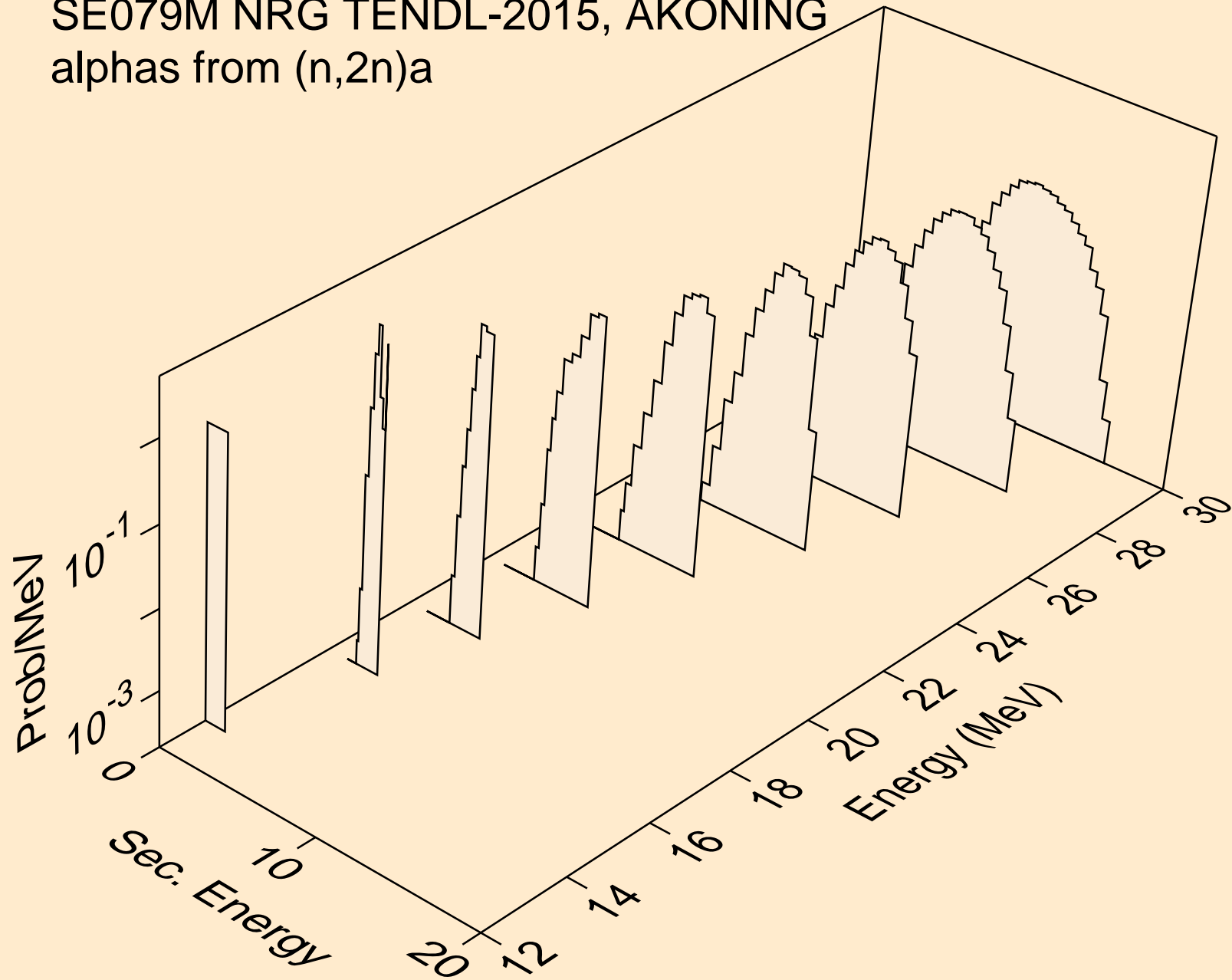
SE079M NRG TENDL-2015, AKONING  
alphas from (n,x)



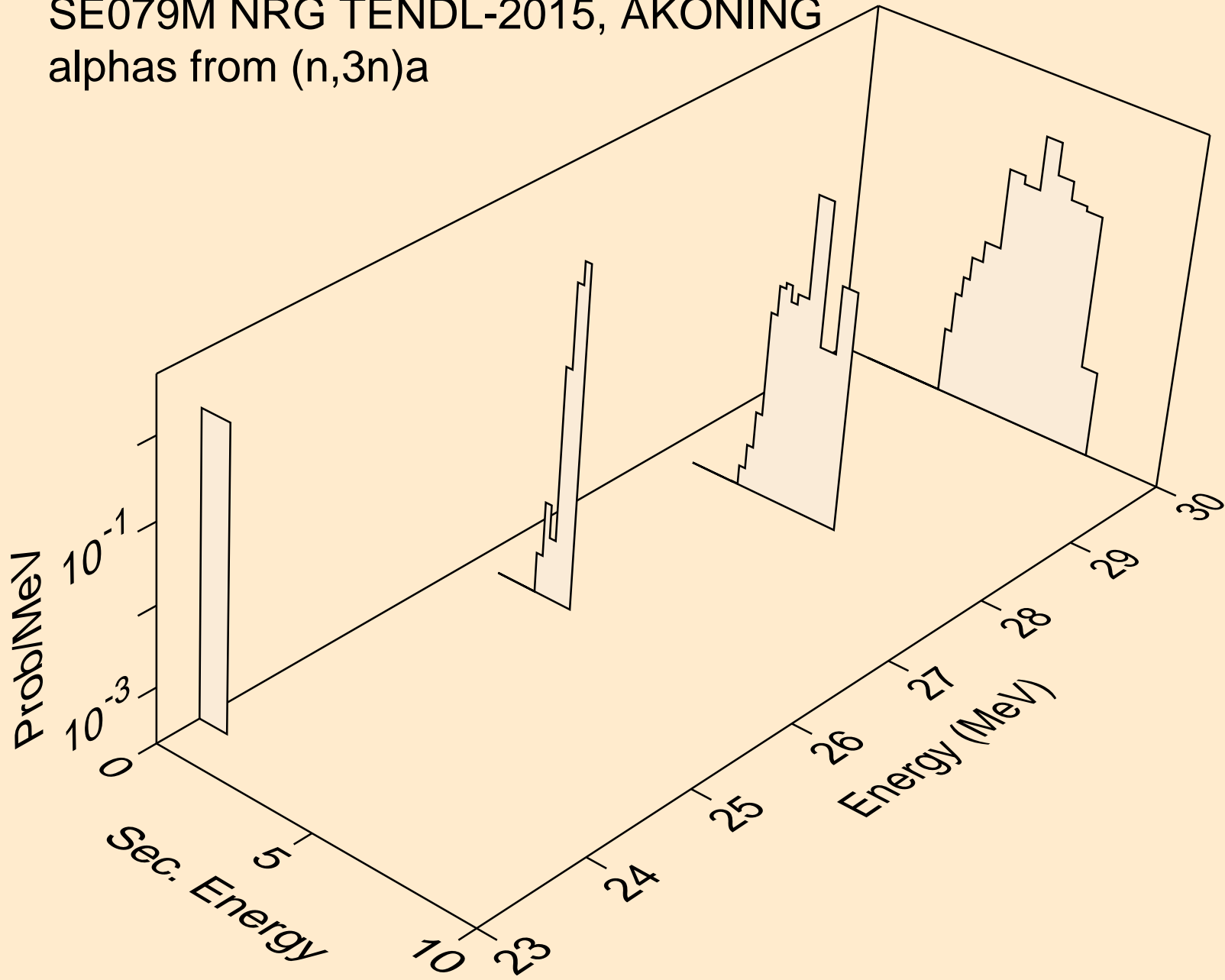
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alphas from (n,n\*)a



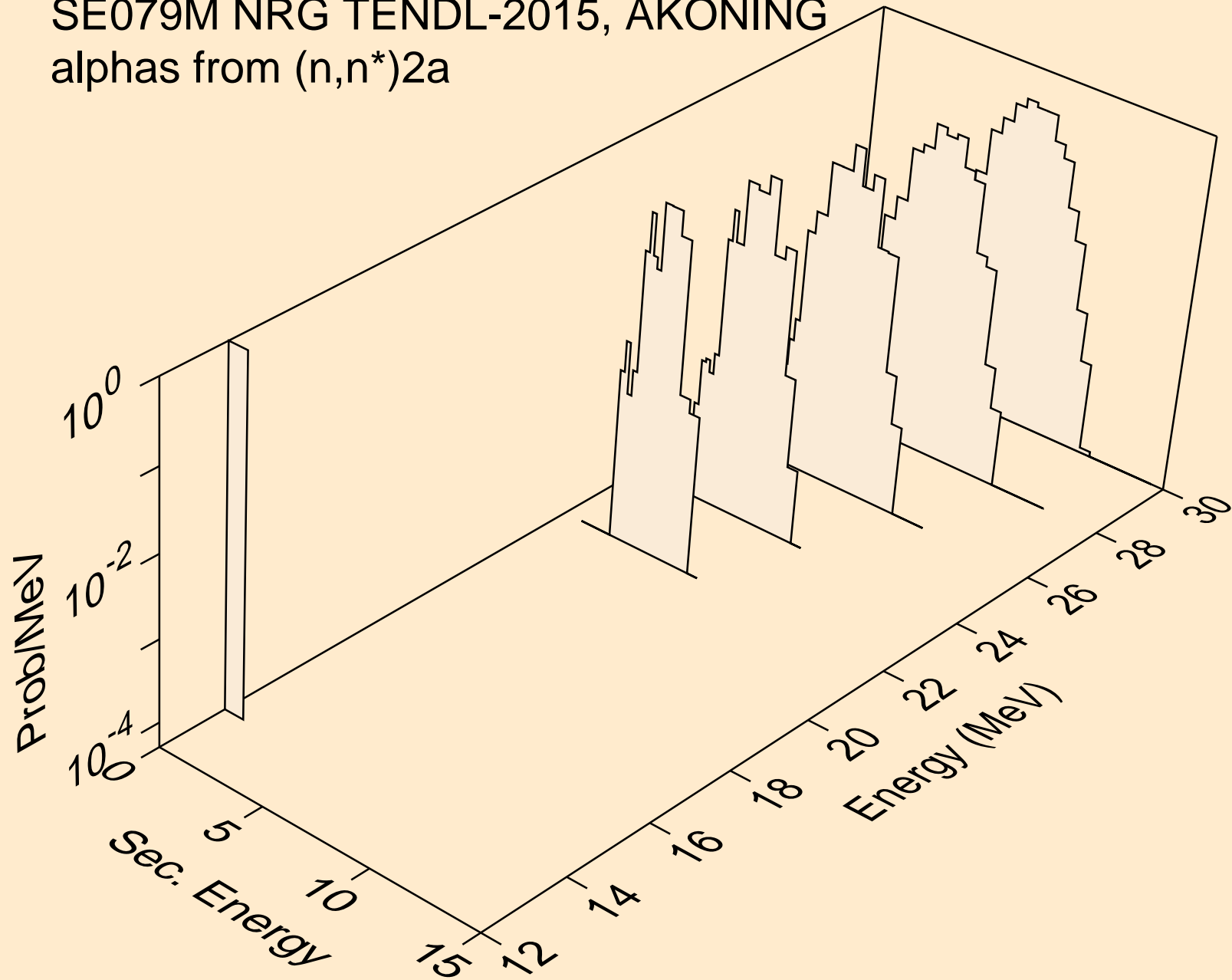
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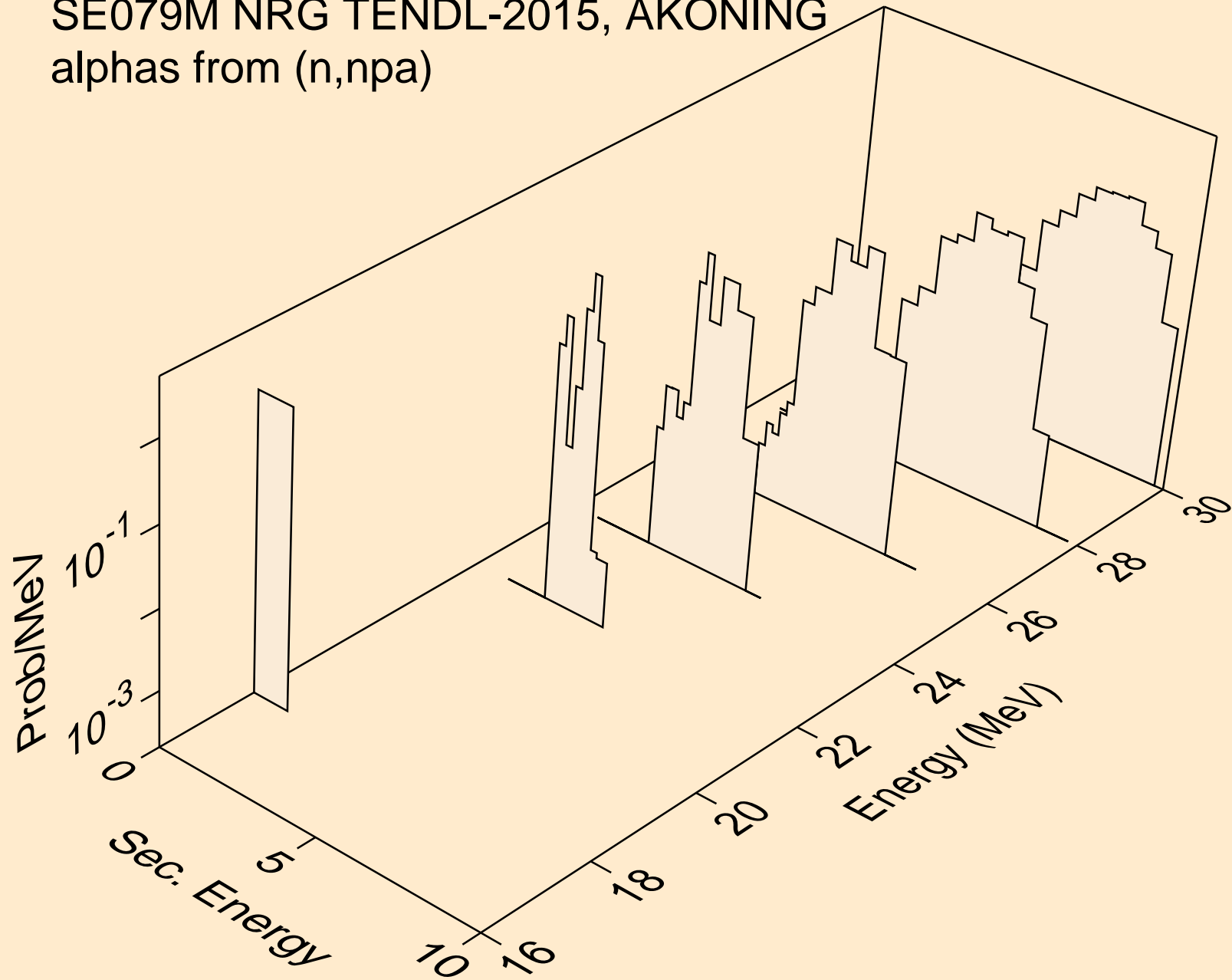
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SE079M NRG TENDL-2015, AKONING  
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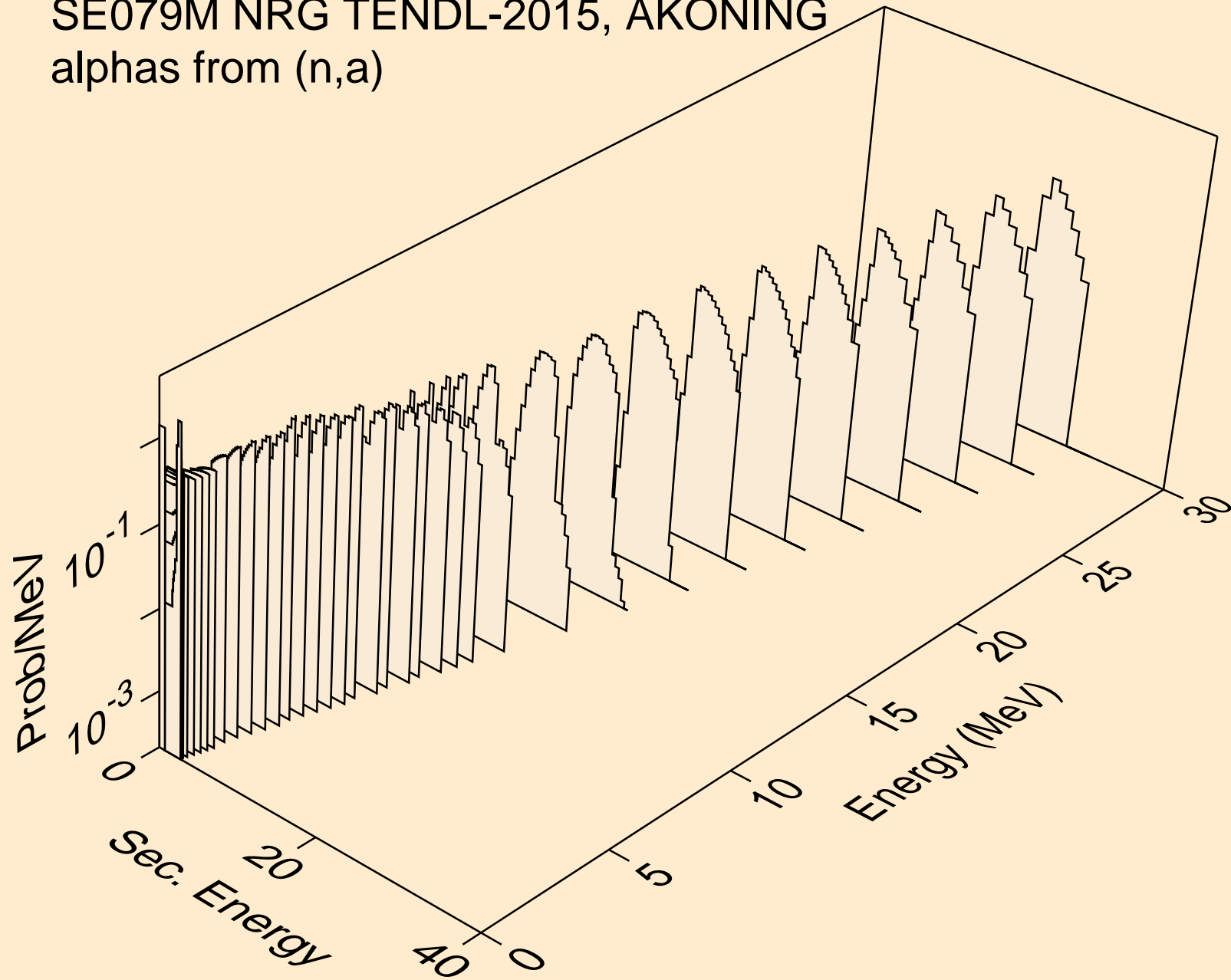


SE079M NRG TENDL-2015, AKONING  
alphas from (n,npa)

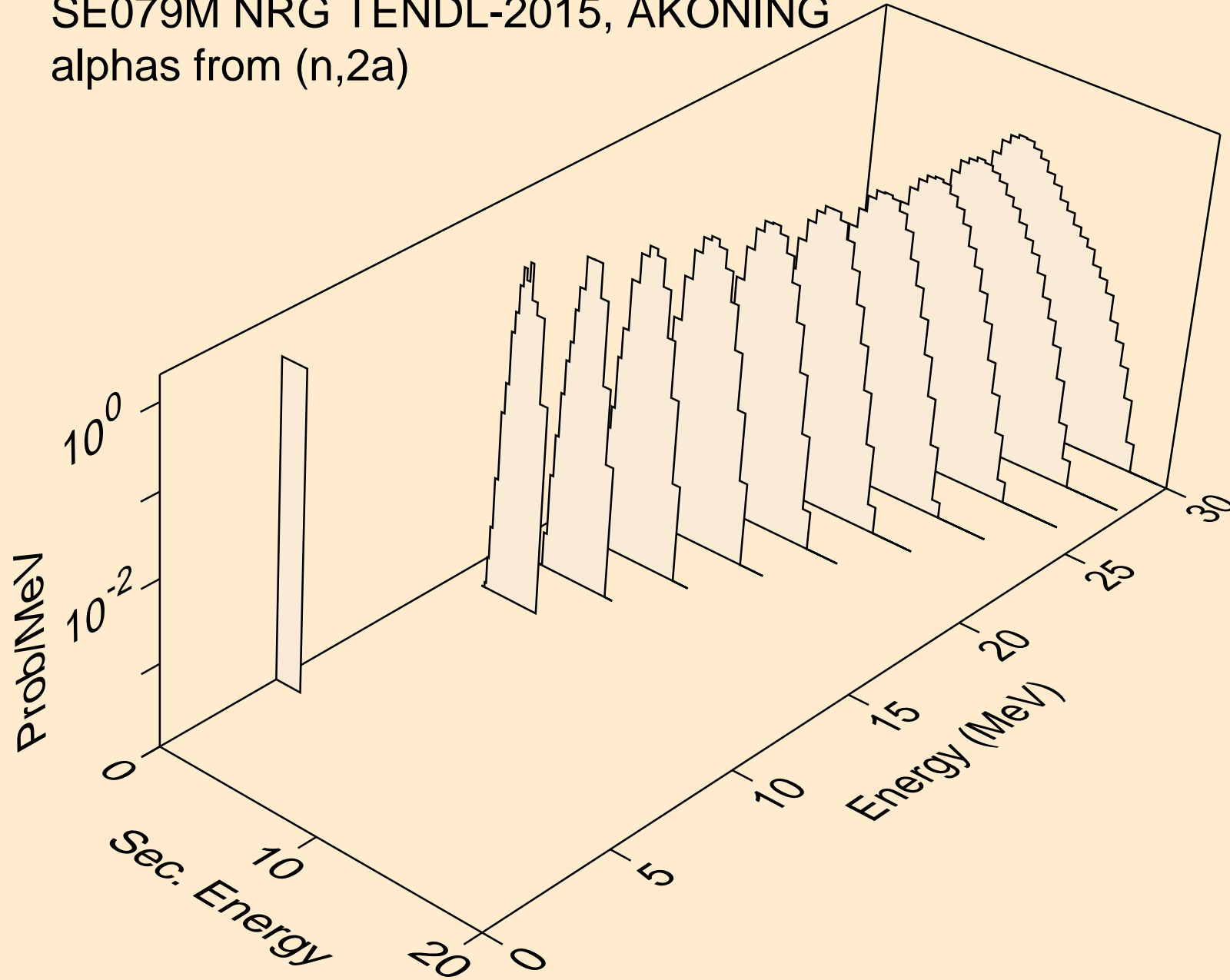




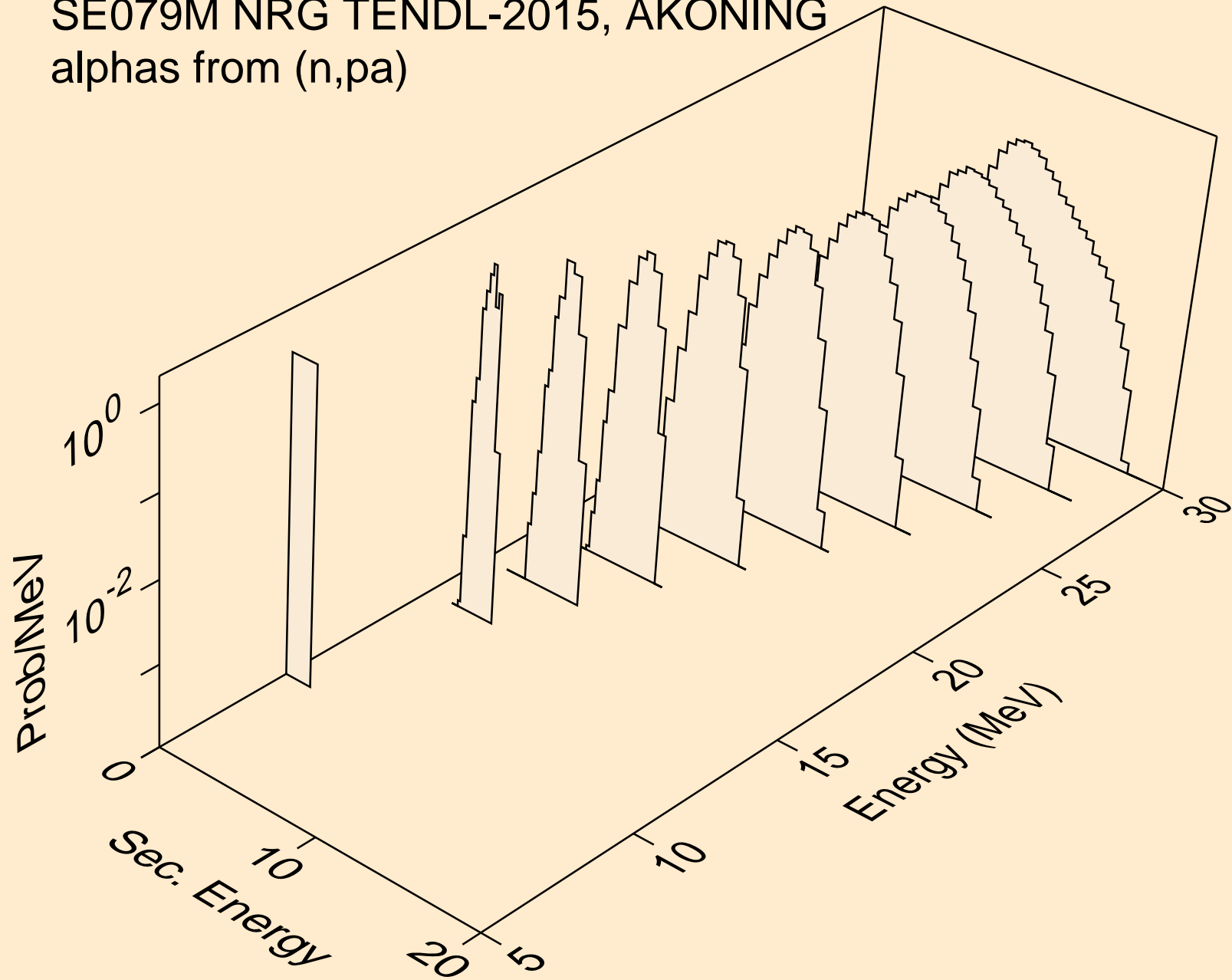
SE079M NRG TENDL-2015, AKONING  
alphas from (n,a)



SE079M NRG TENDL-2015, AKONING  
alphas from (n,2a)



SE079M NRG TENDL-2015, AKONING  
alphas from (n,pa)



SE079M NRG TENDL-2015, AKONING  
alphas from (n,da)

