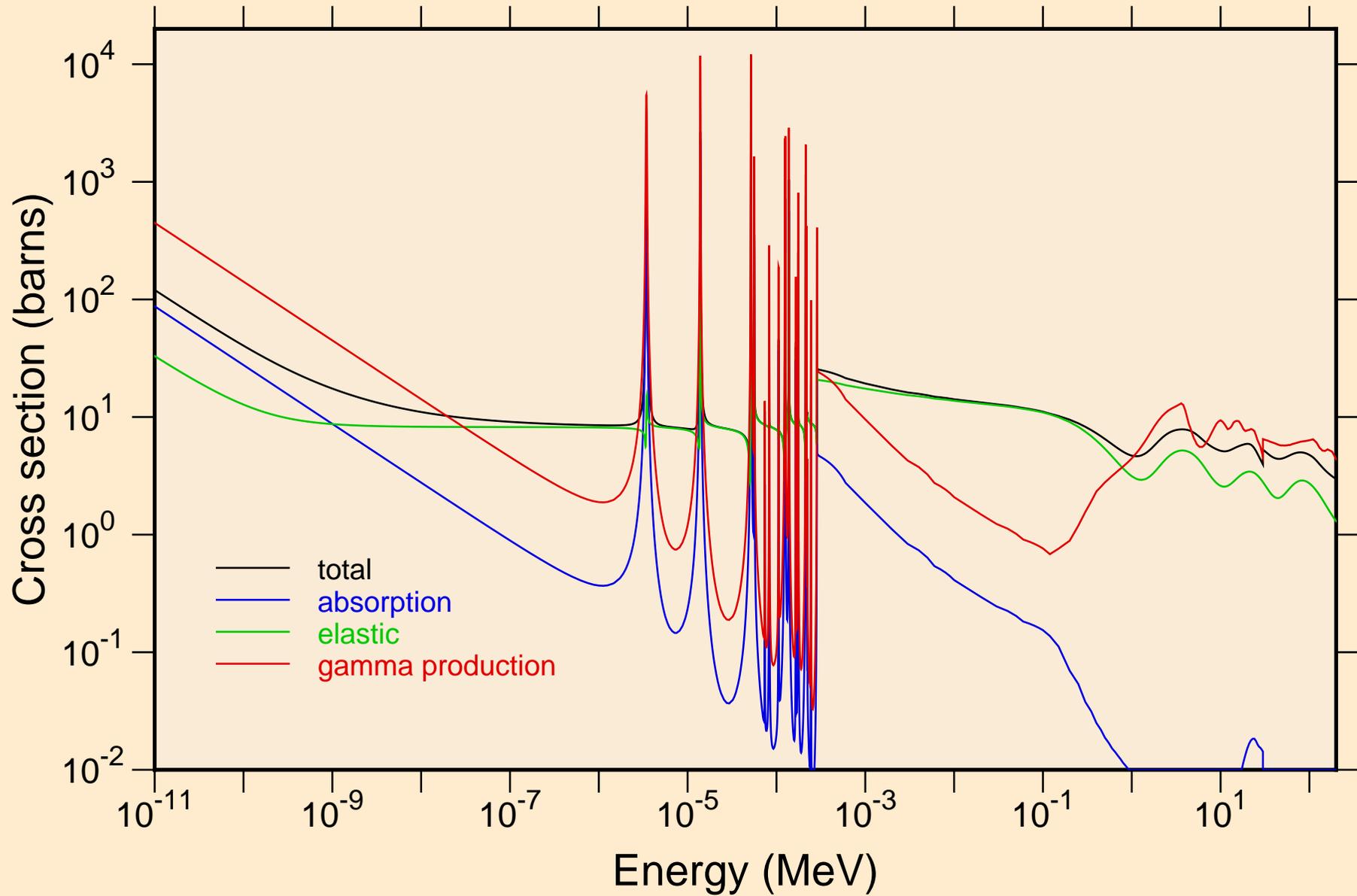
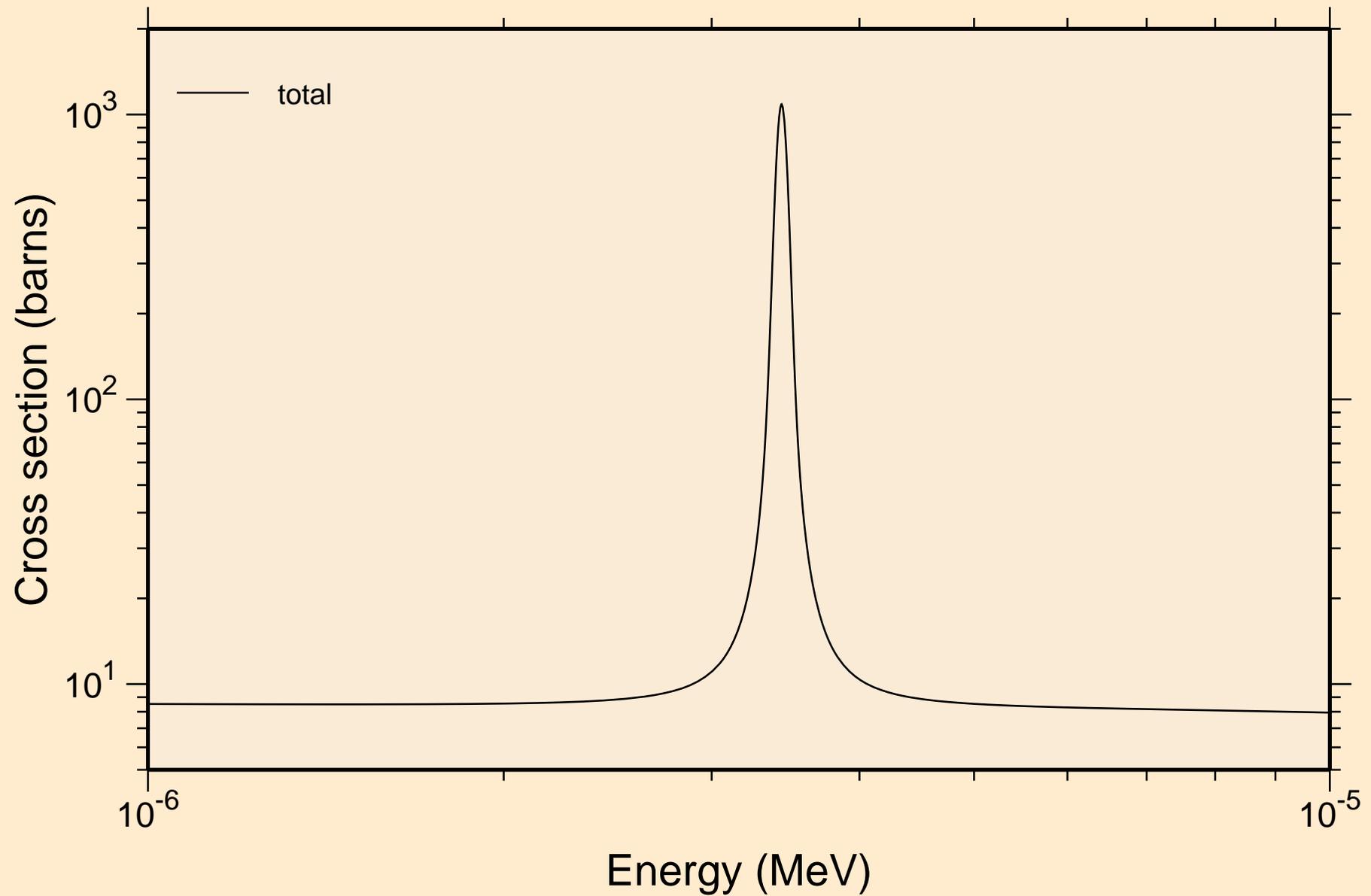


# BI218 NRG TENDL-2015, AKONING

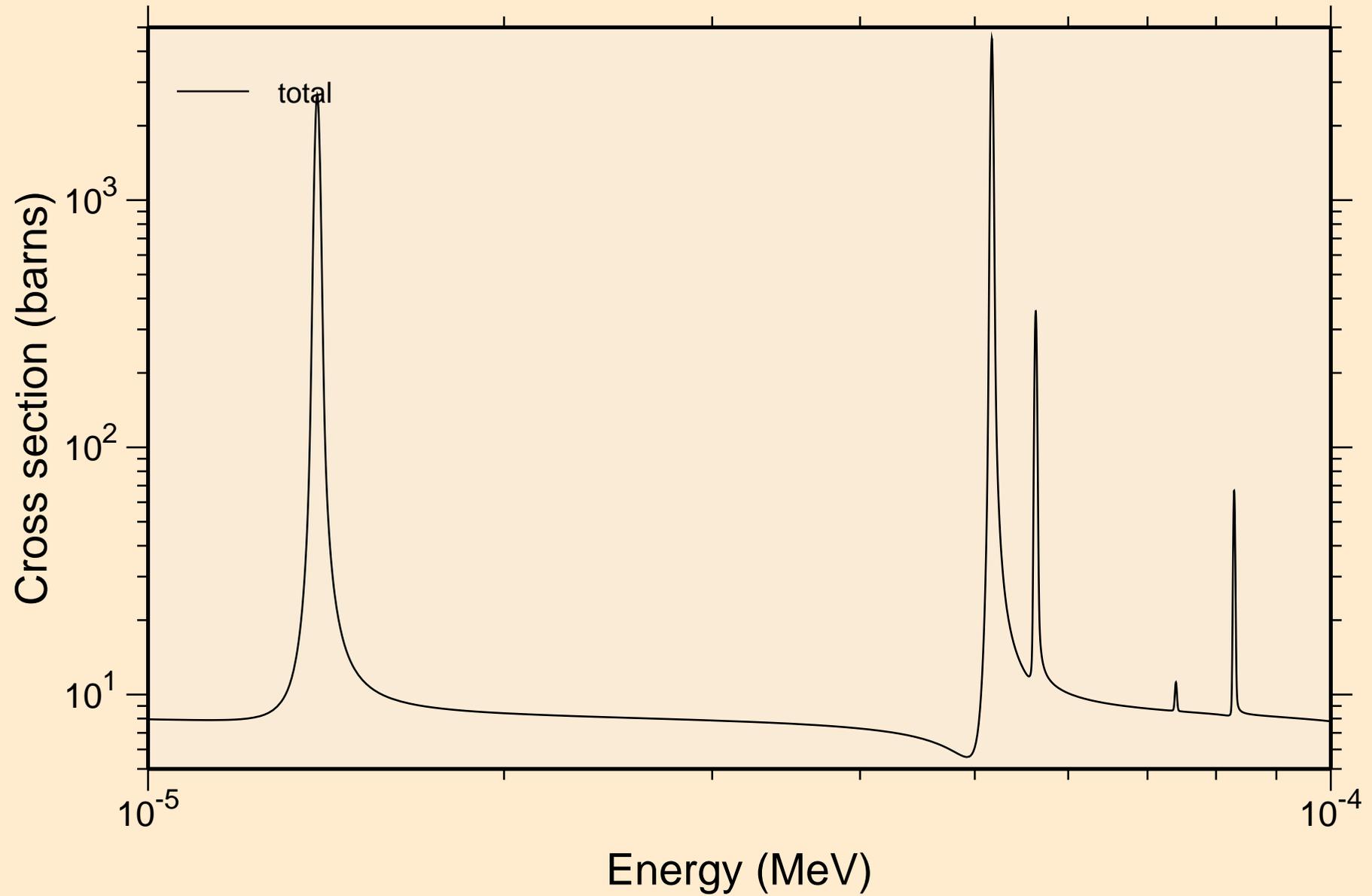
## Principal cross sections



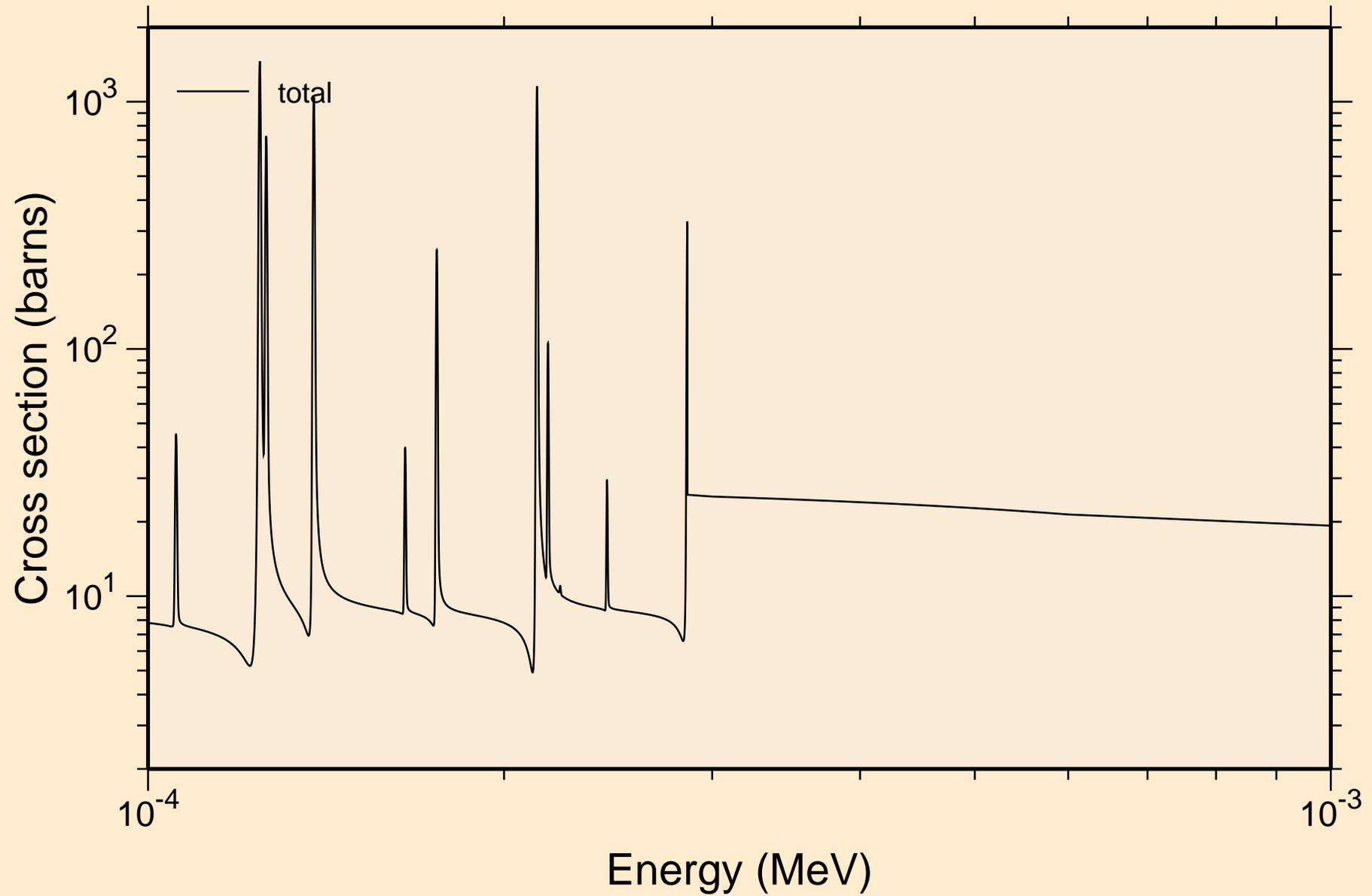
BI218 NRG TENDL-2015, AKONING  
resonance total cross section



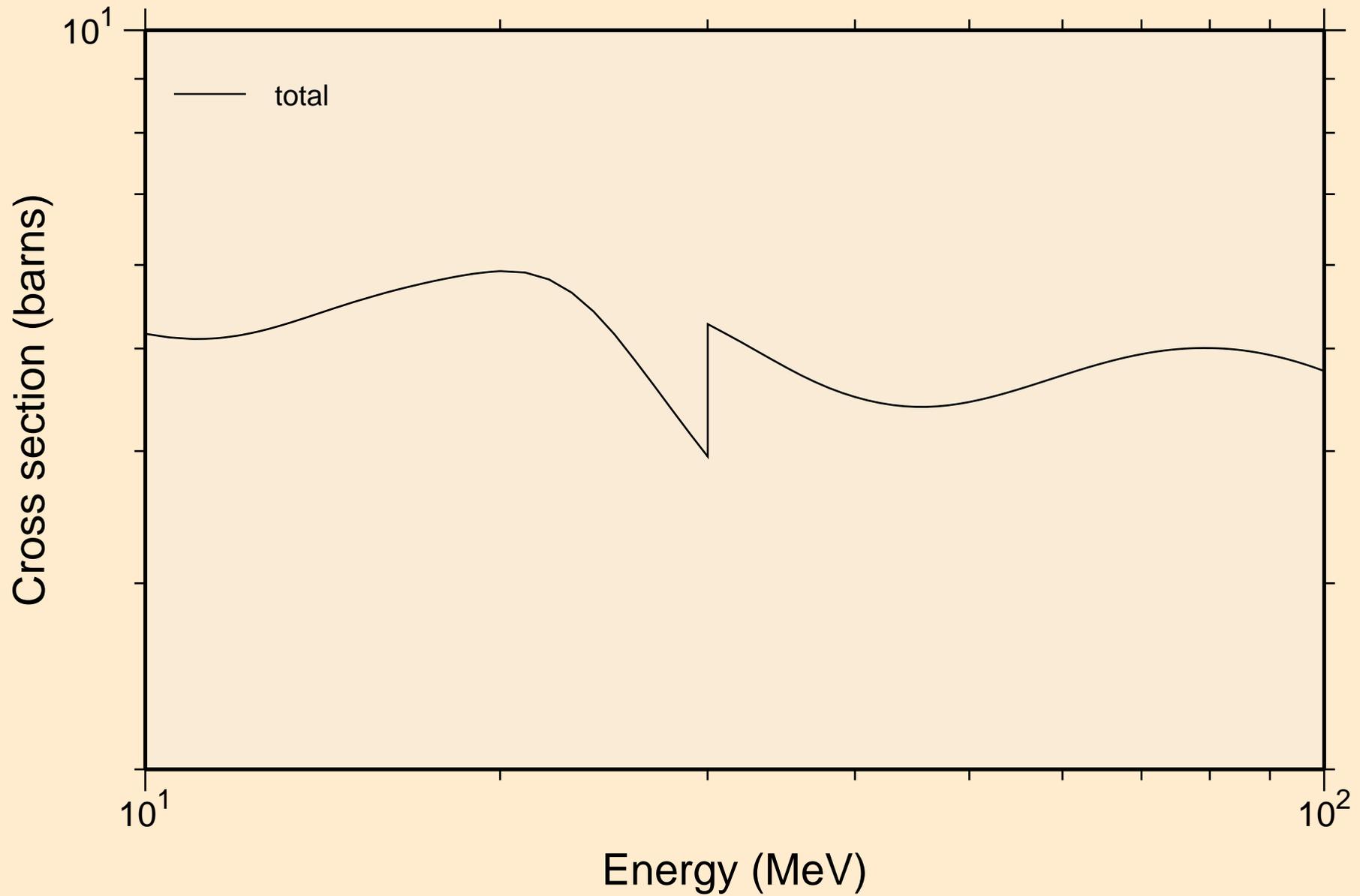
BI218 NRG TENDL-2015, AKONING  
resonance total cross section



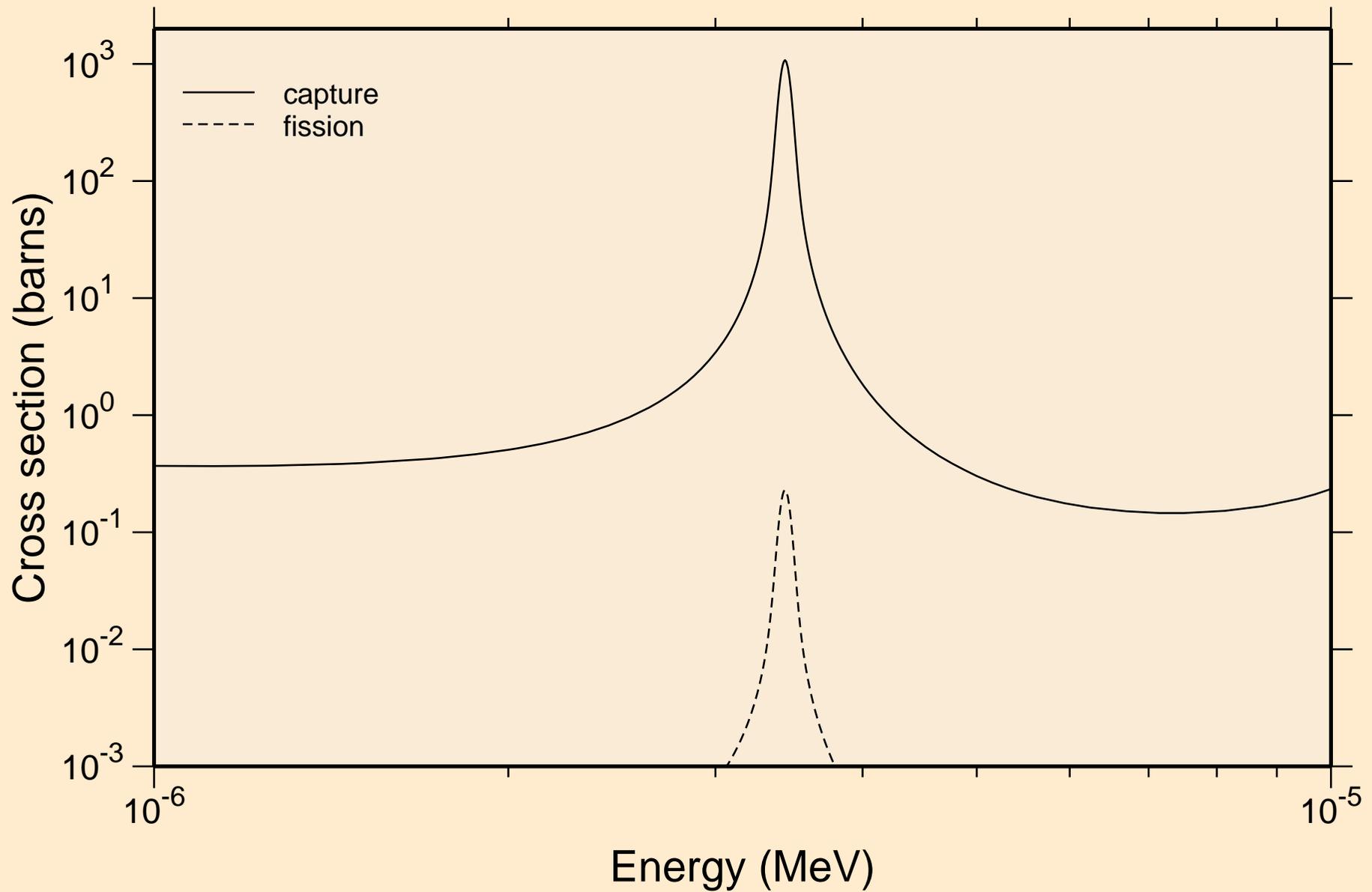
BI218 NRG TENDL-2015, AKONING  
resonance total cross section



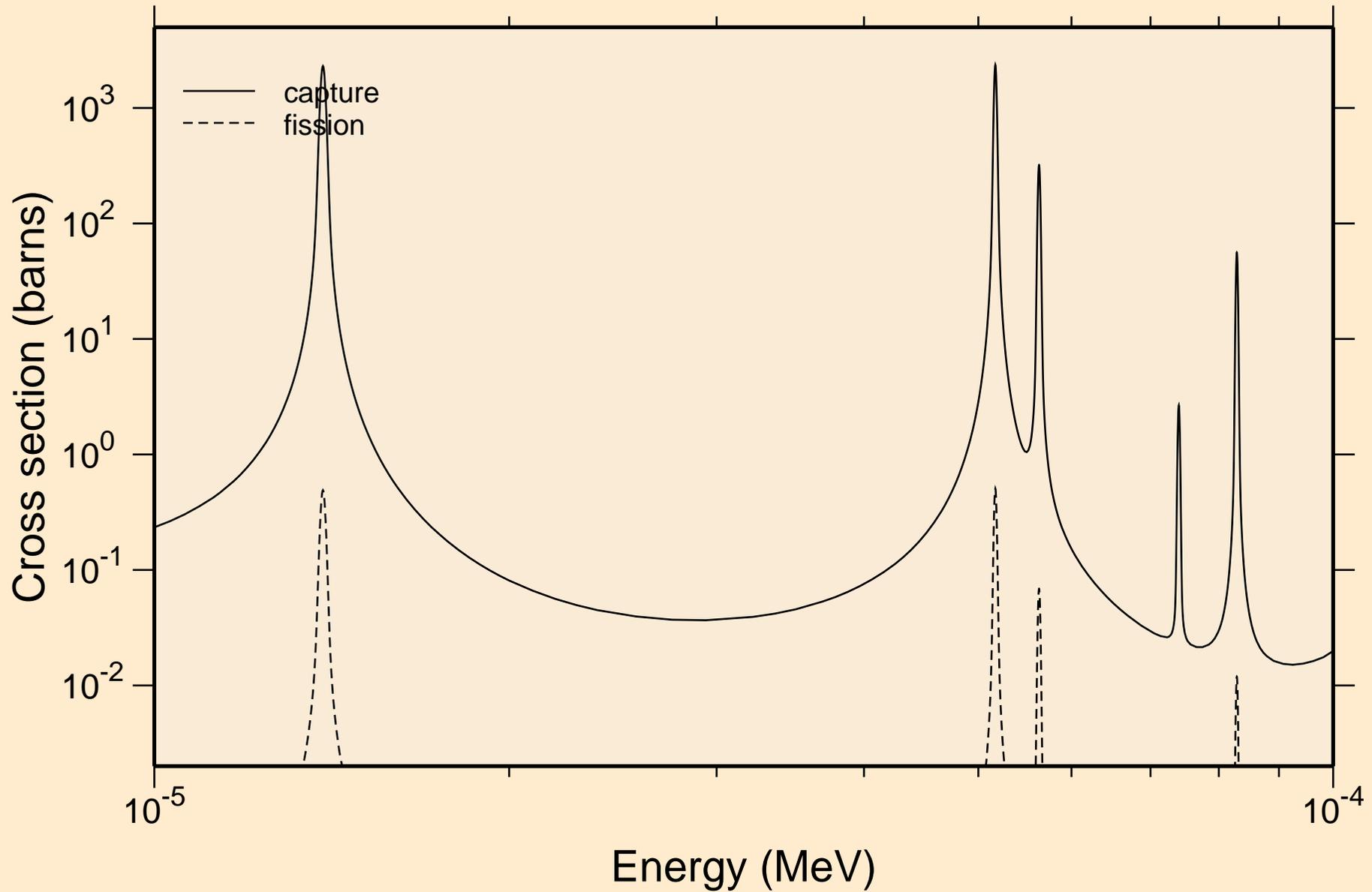
BI218 NRG TENDL-2015, AKONING  
resonance total cross section



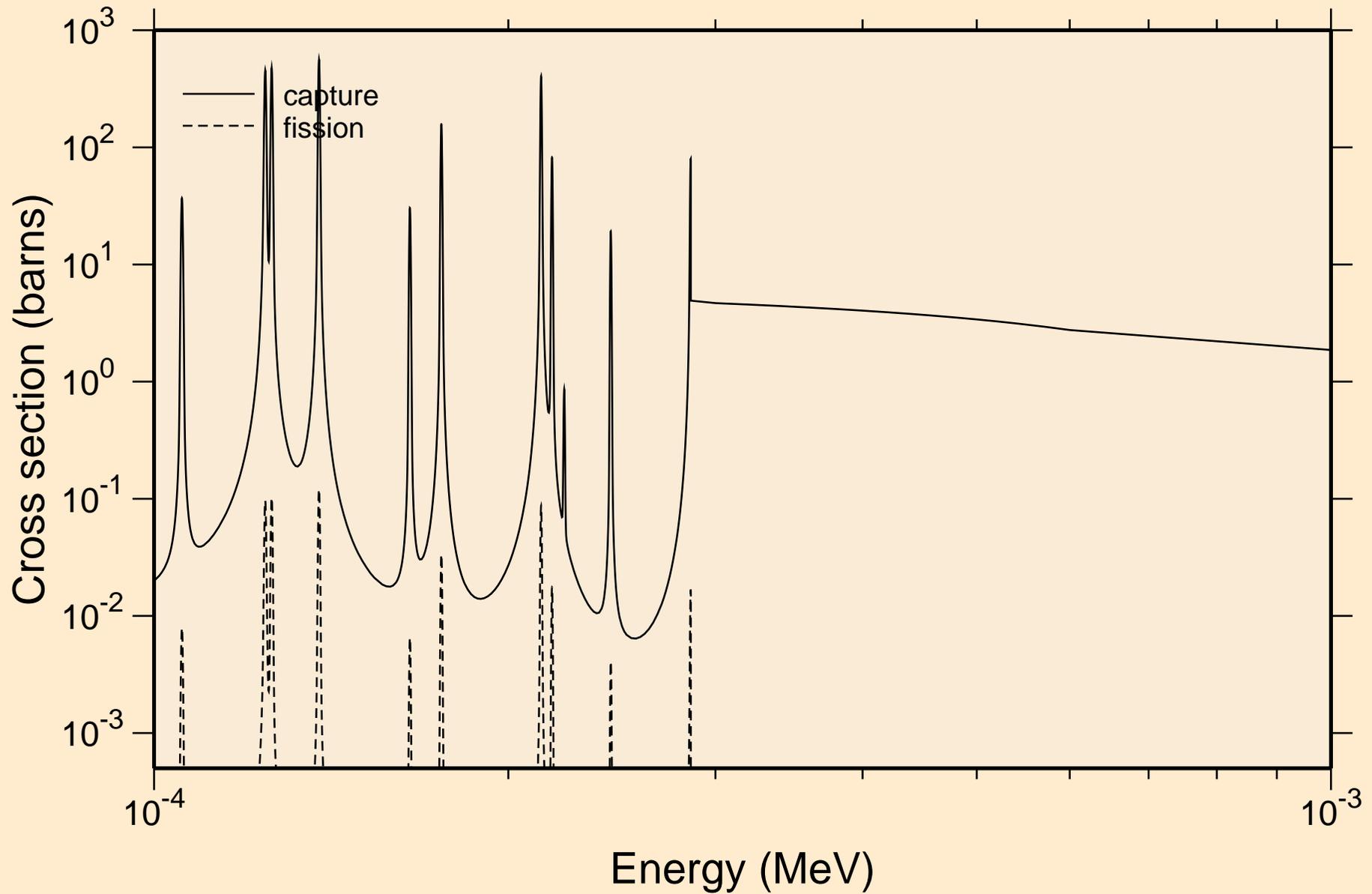
BI218 NRG TENDL-2015, AKONING  
resonance absorption cross sections



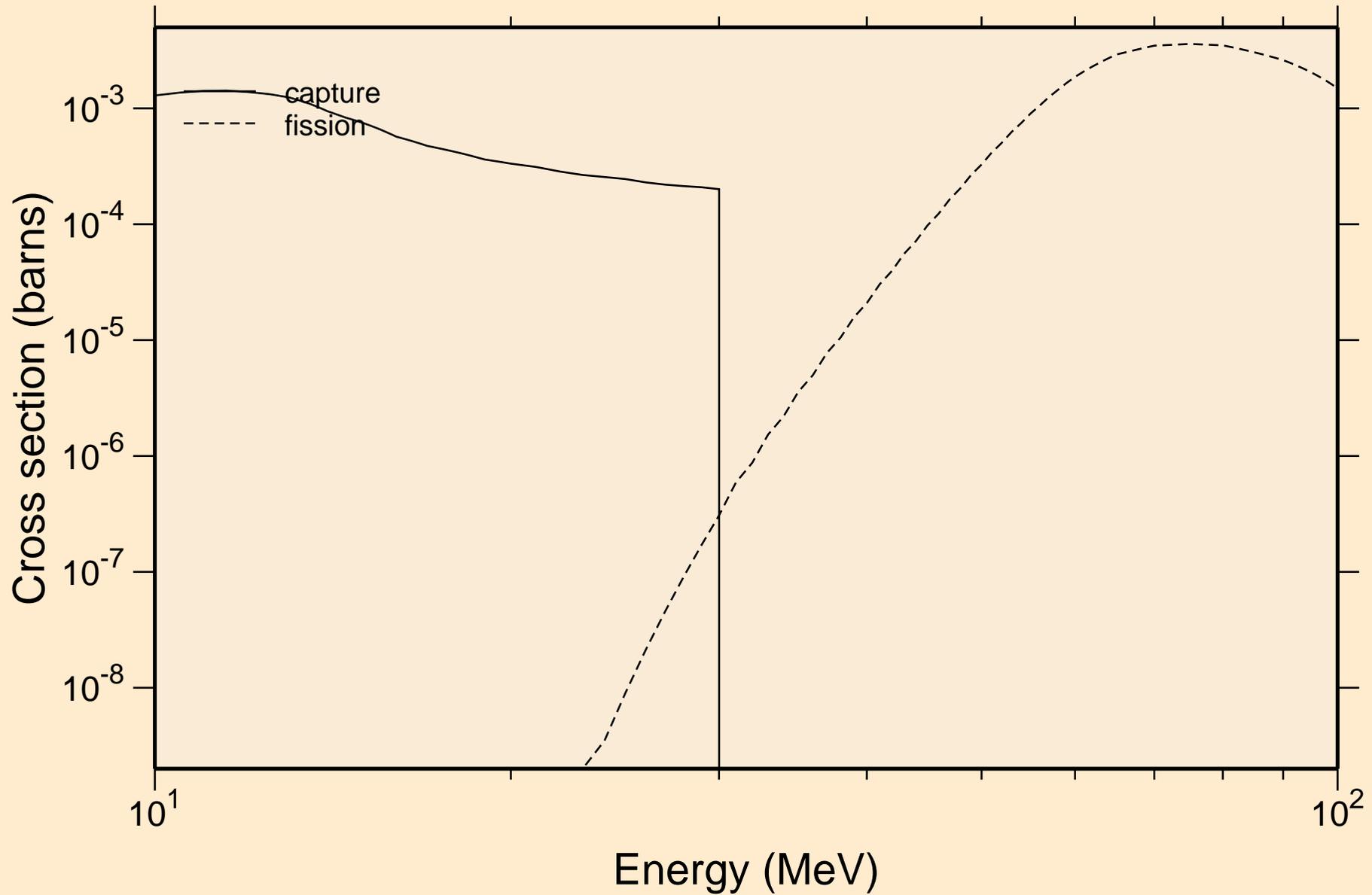
# BI218 NRG TENDL-2015, AKONING resonance absorption cross sections



# BI218 NRG TENDL-2015, AKONING resonance absorption cross sections

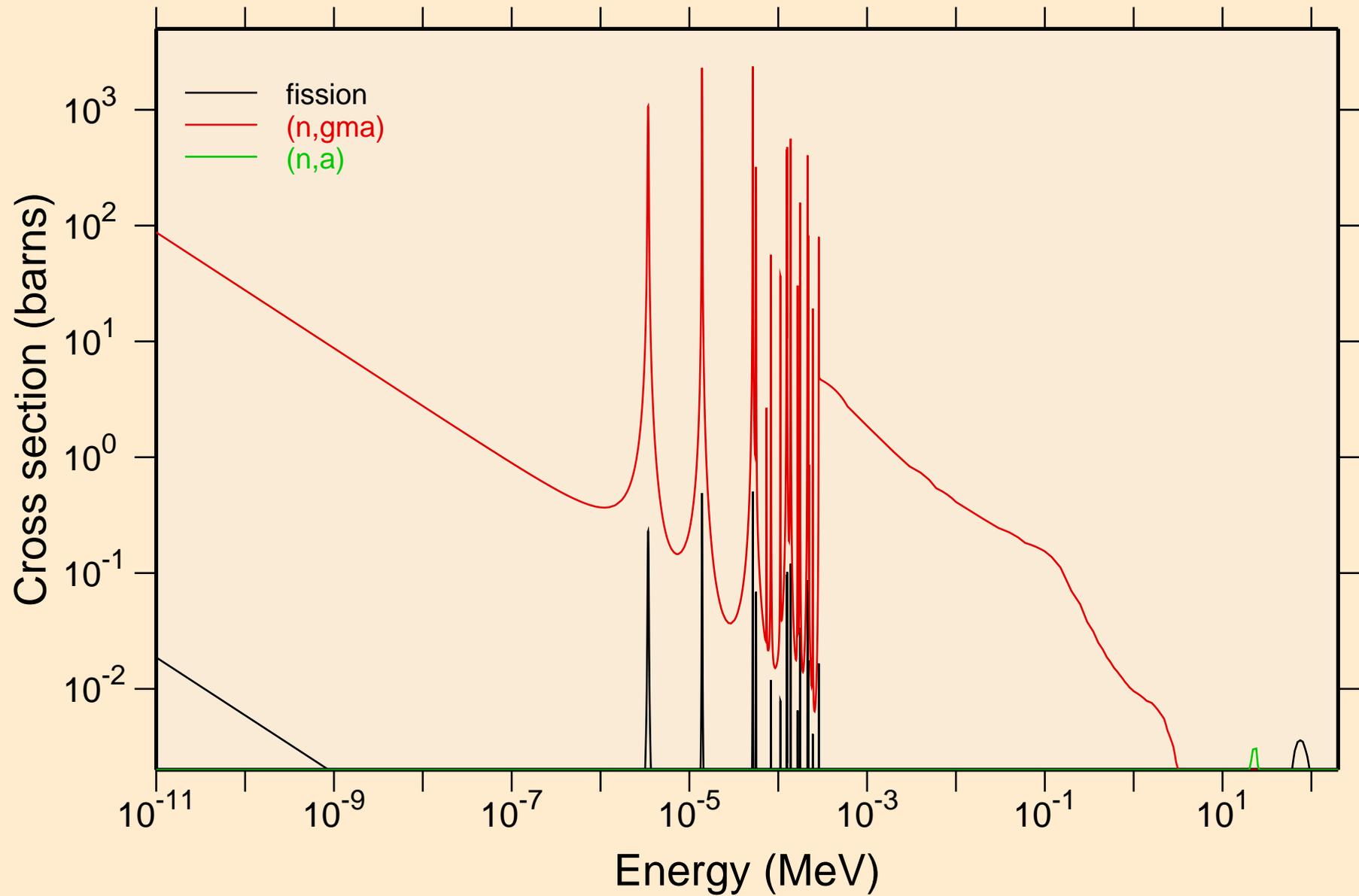


BI218 NRG TENDL-2015, AKONING  
resonance absorption cross sections



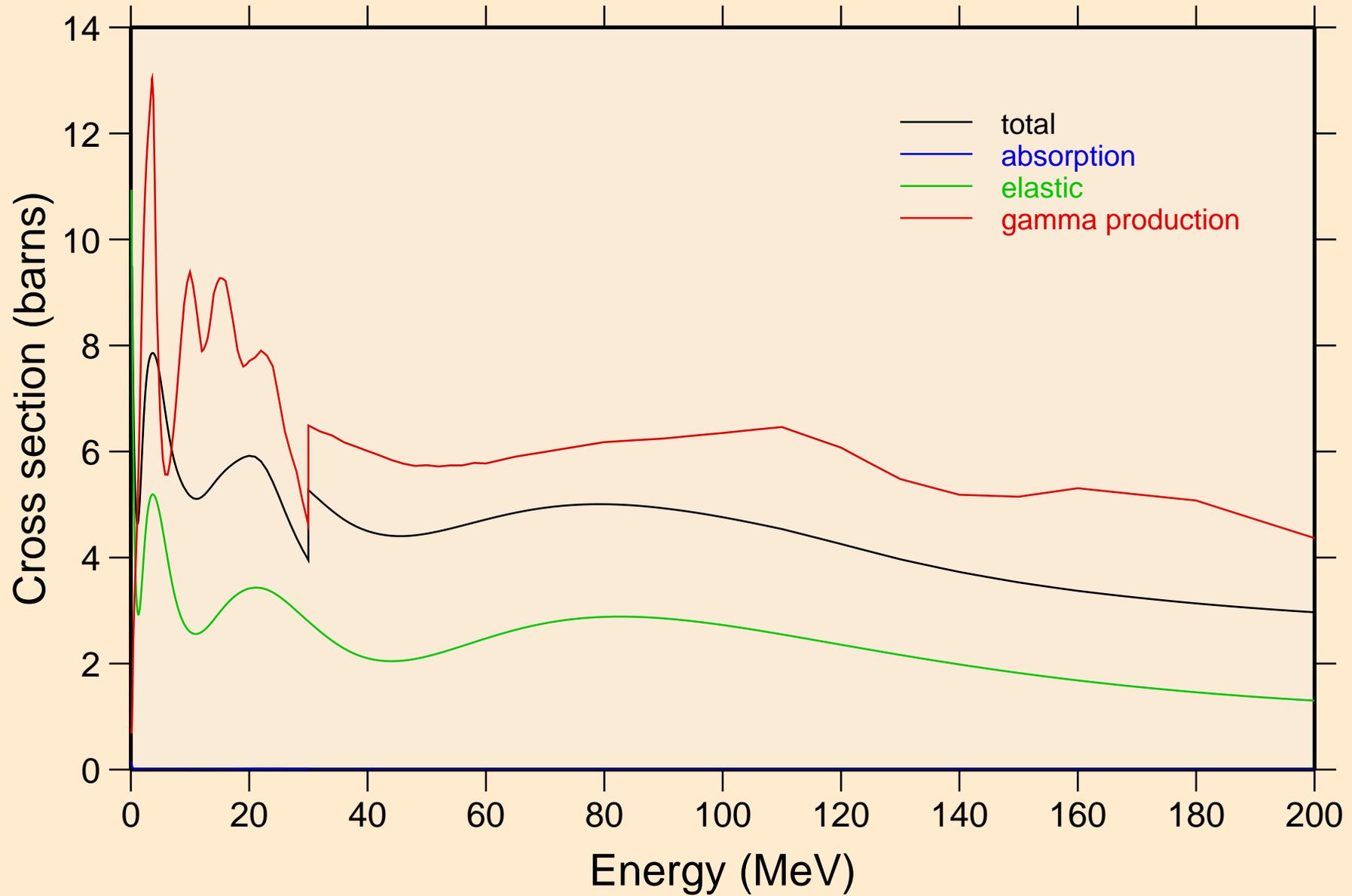
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## Non-threshold reactions



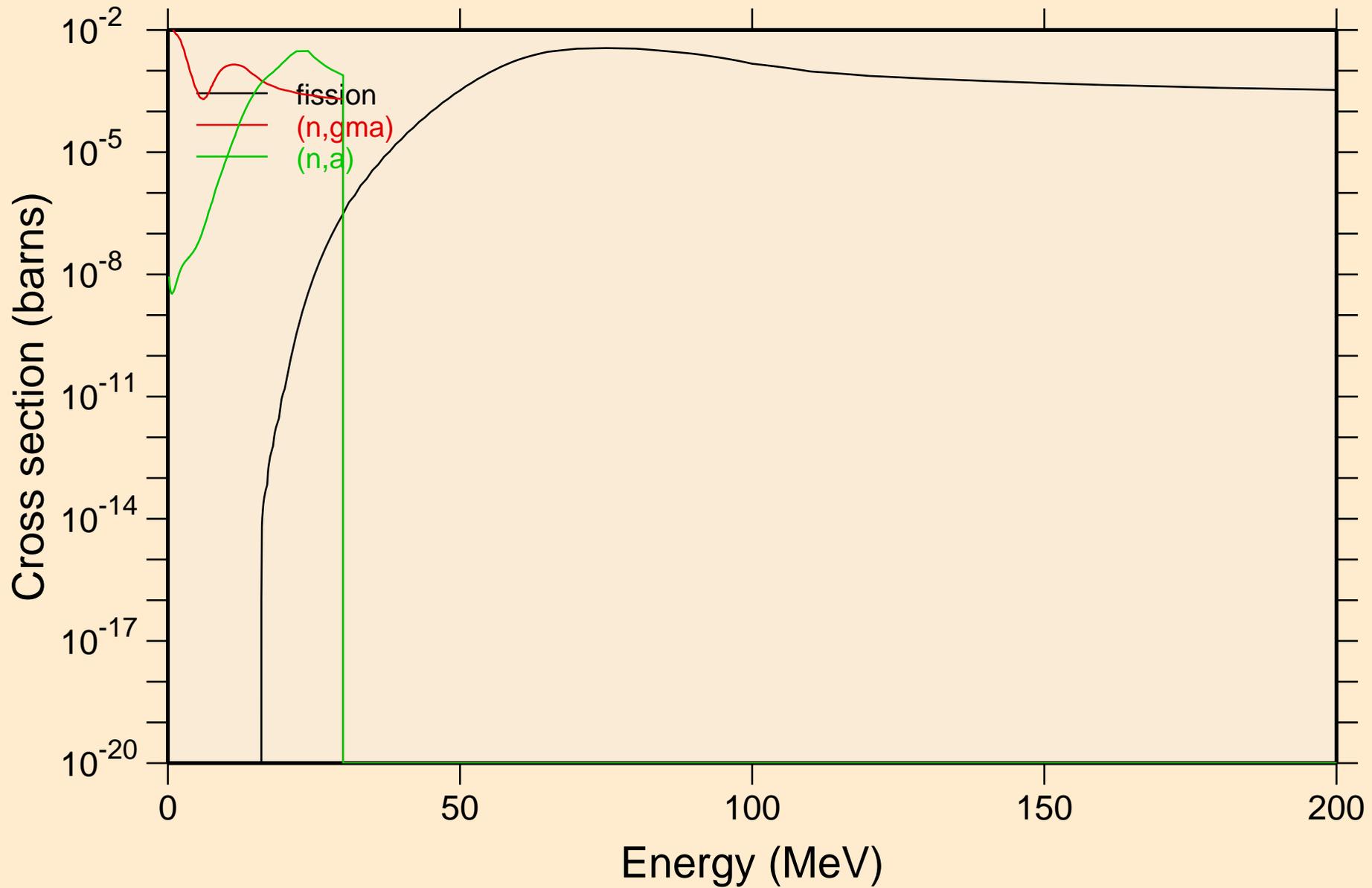
# BI218 NRG TENDL-2015, AKONING

## Principal cross sections

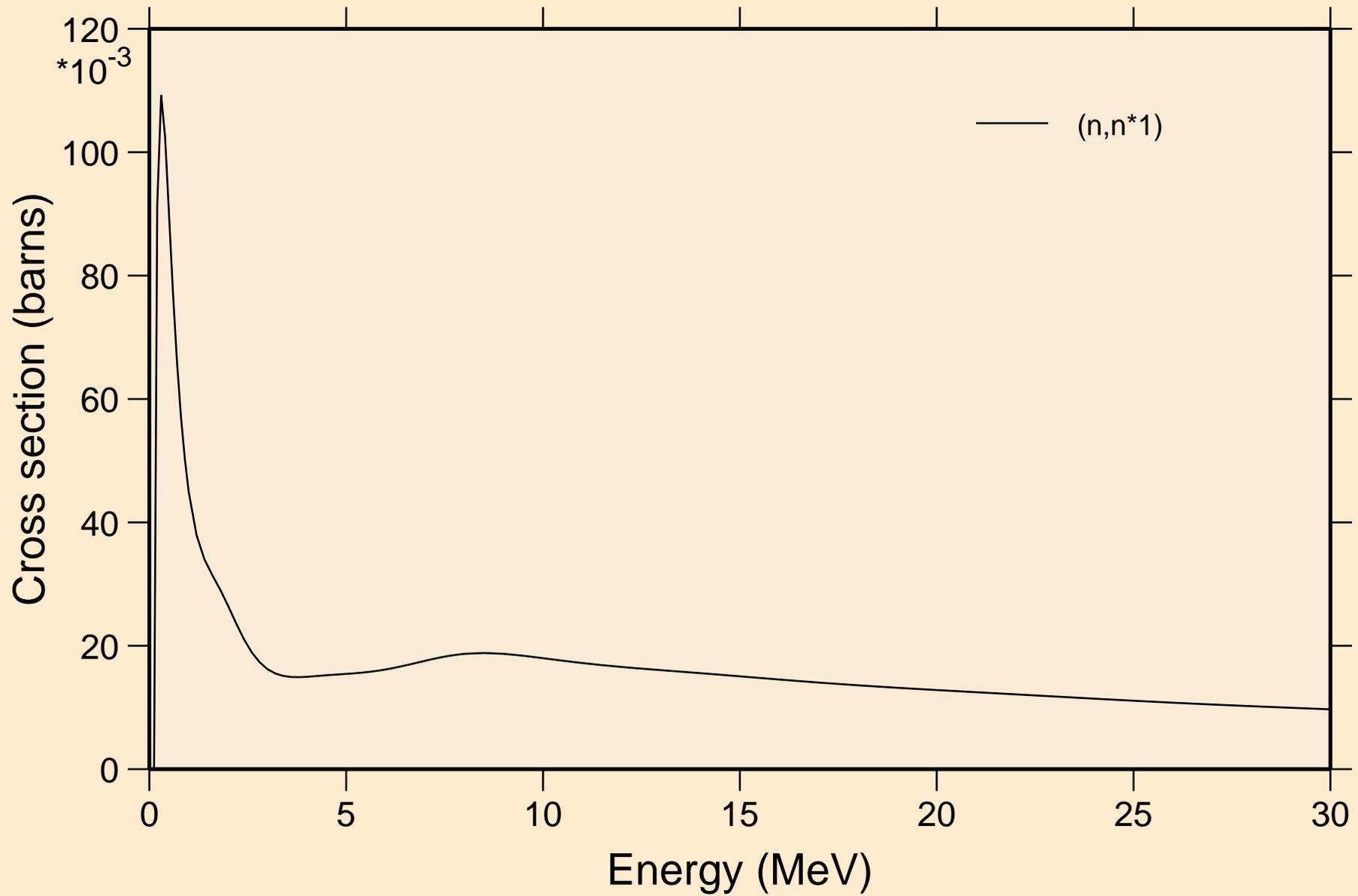


# BI218 NRG TENDL-2015, AKONING

## Non-threshold reactions

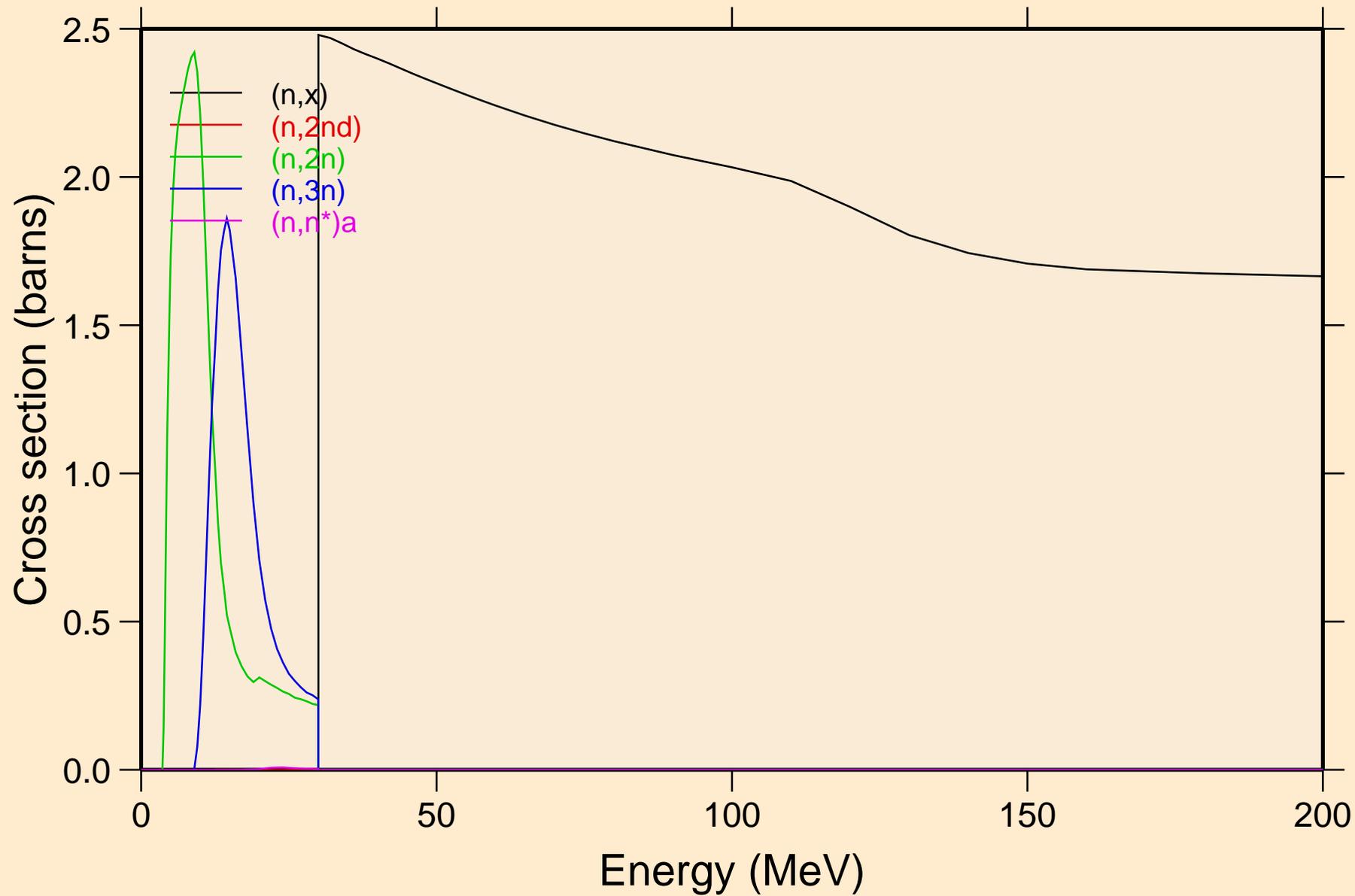


BI218 NRG TENDL-2015, AKONING  
Inelastic levels



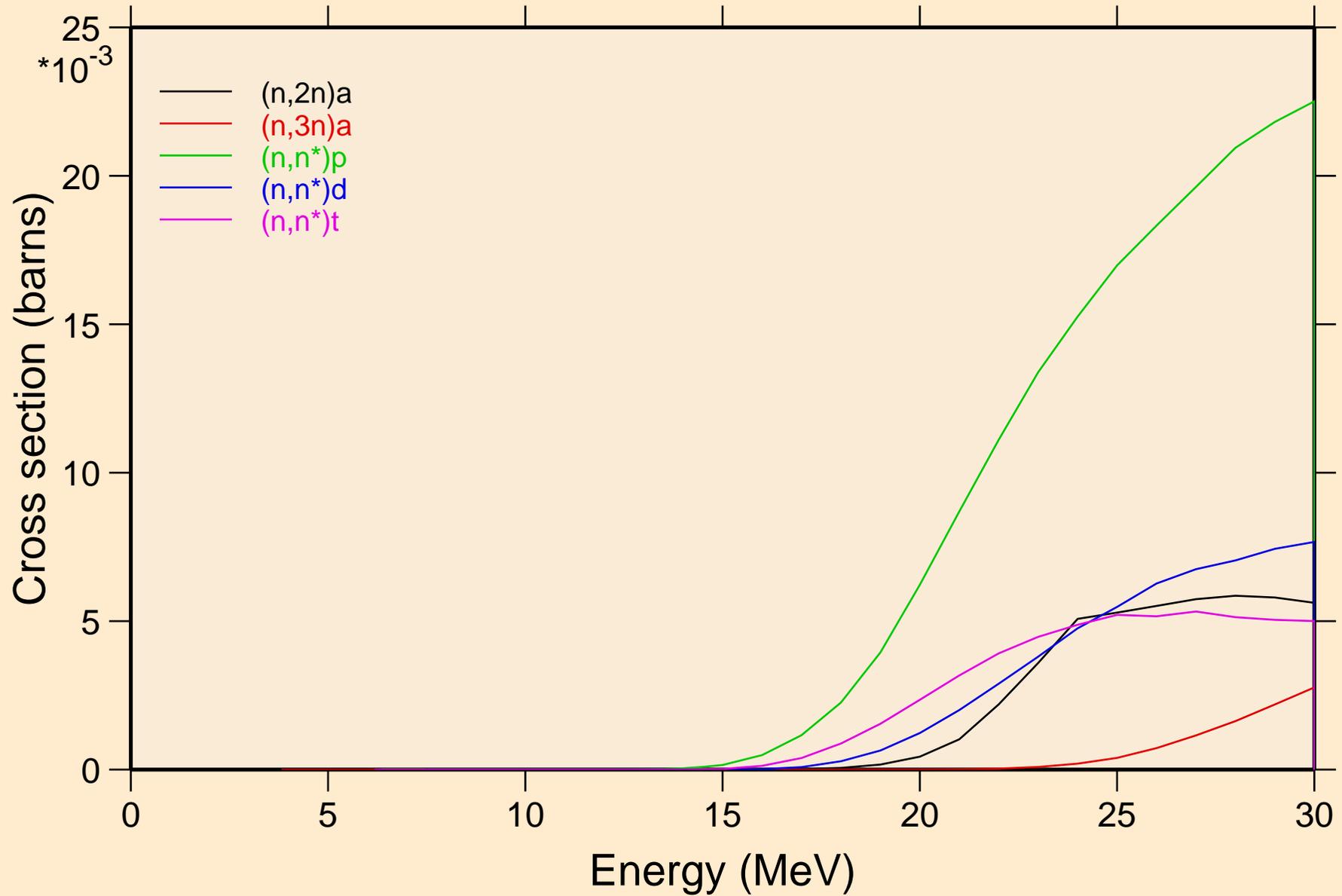
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## Threshold reactions



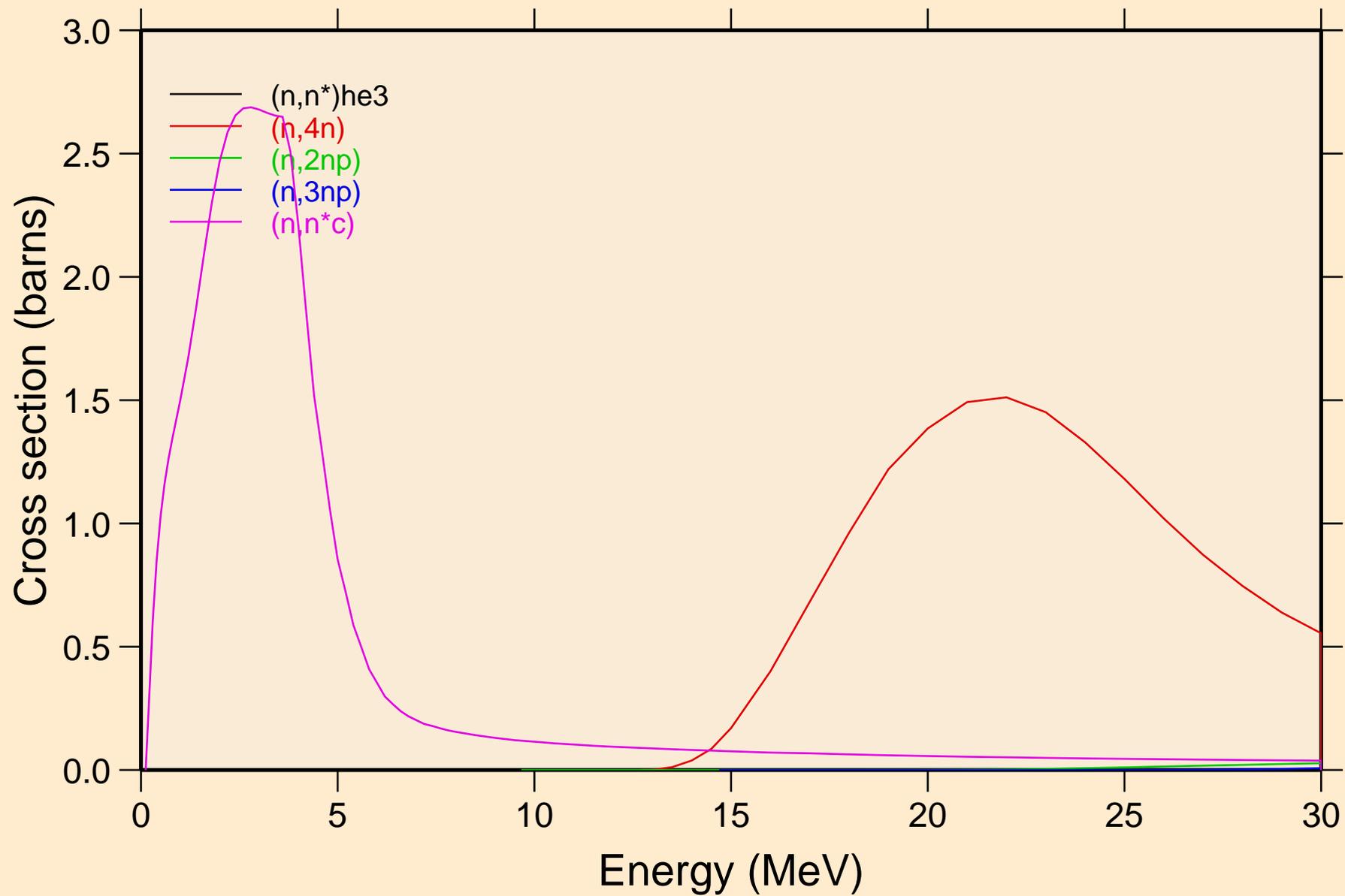
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## Threshold reactions



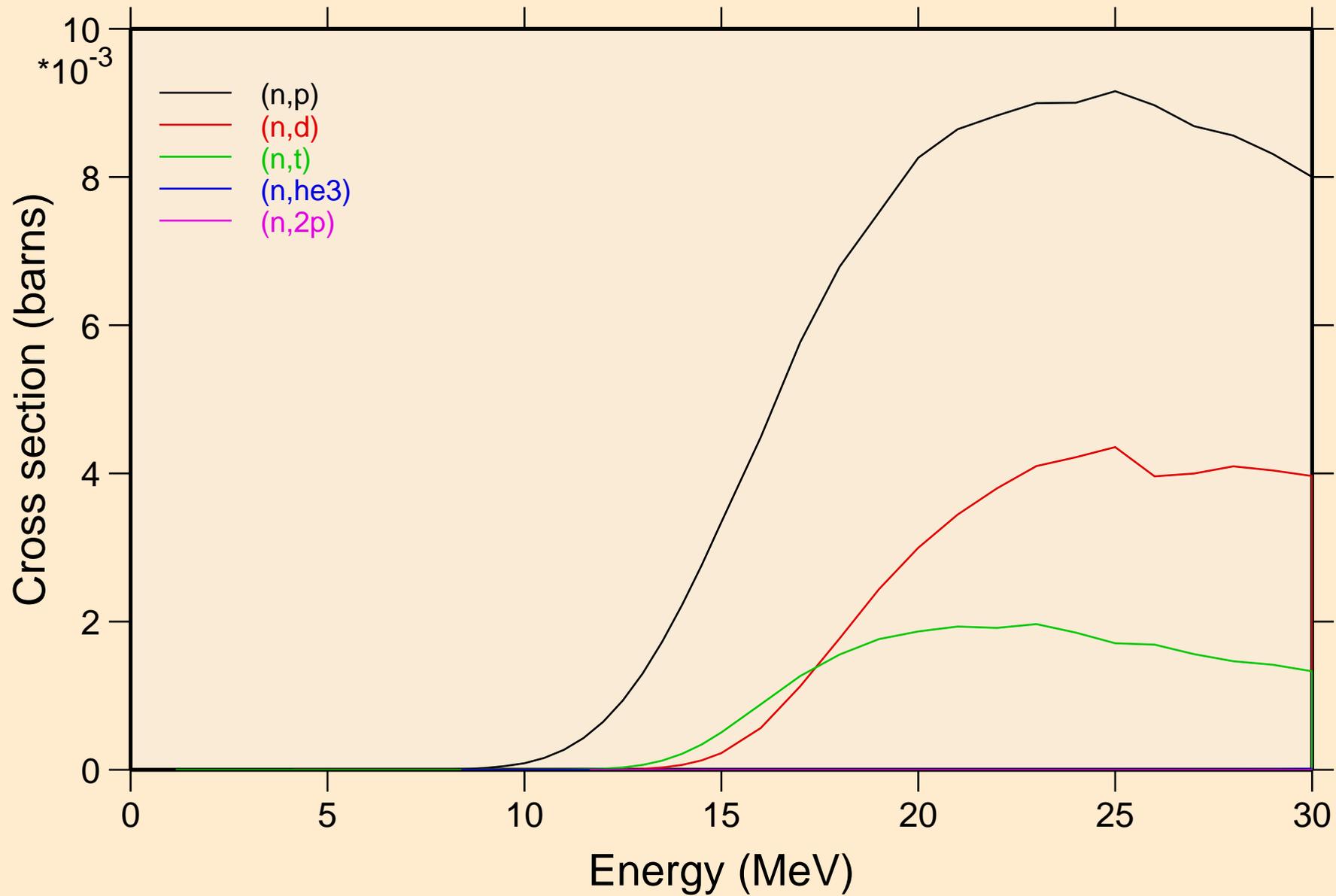
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## Threshold reactions

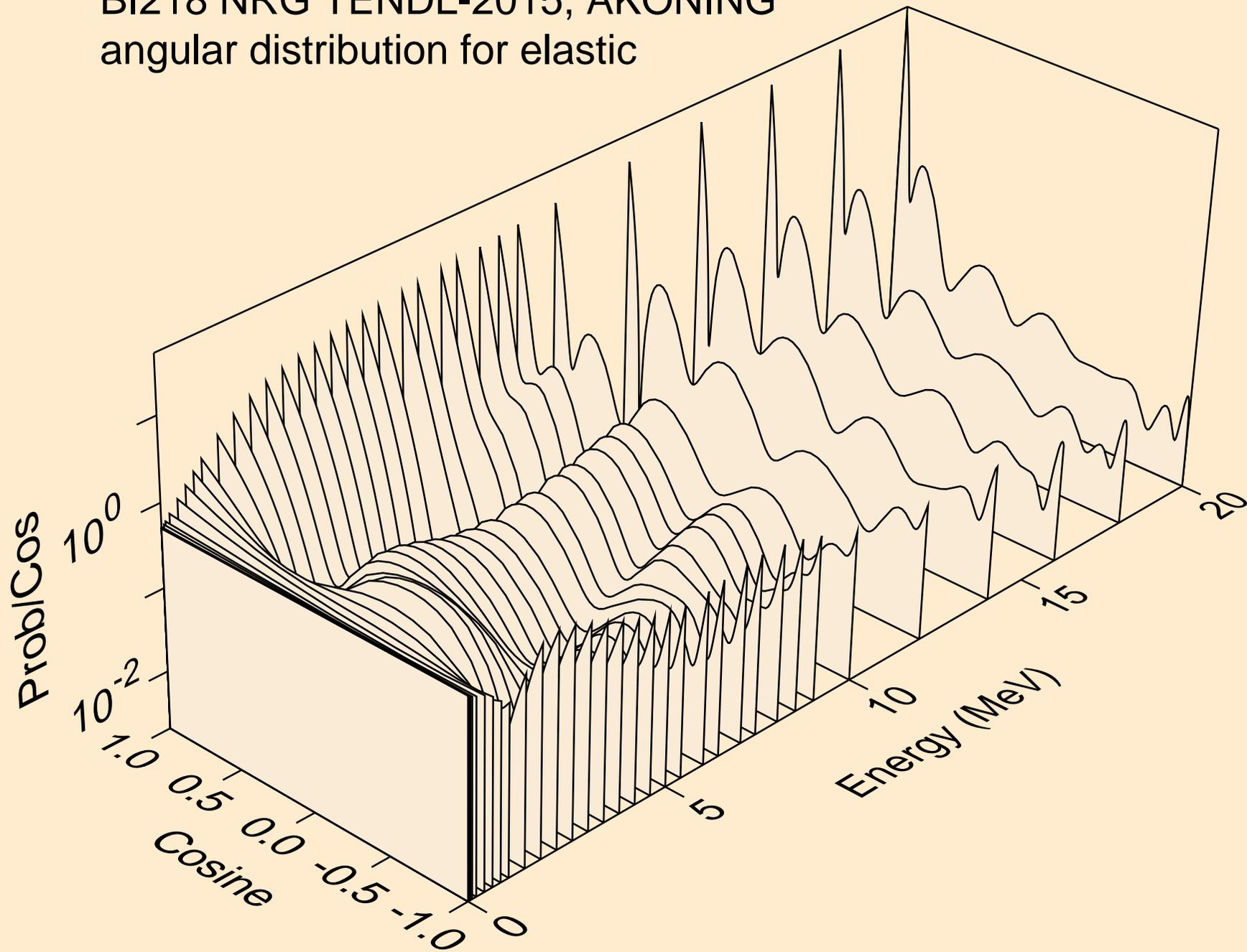


# BI218 NRG TENDL-2015, AKONING

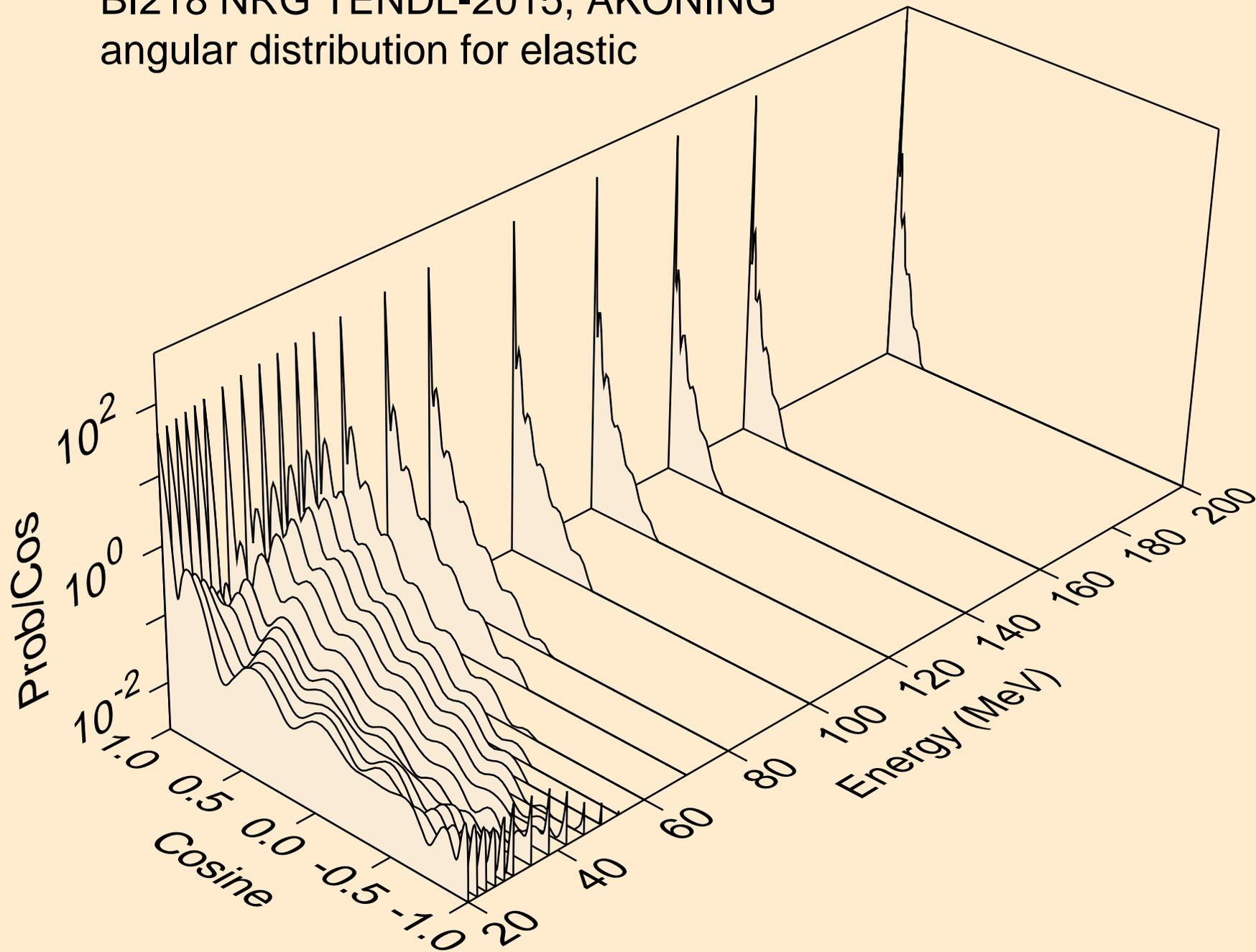
## Threshold reactions



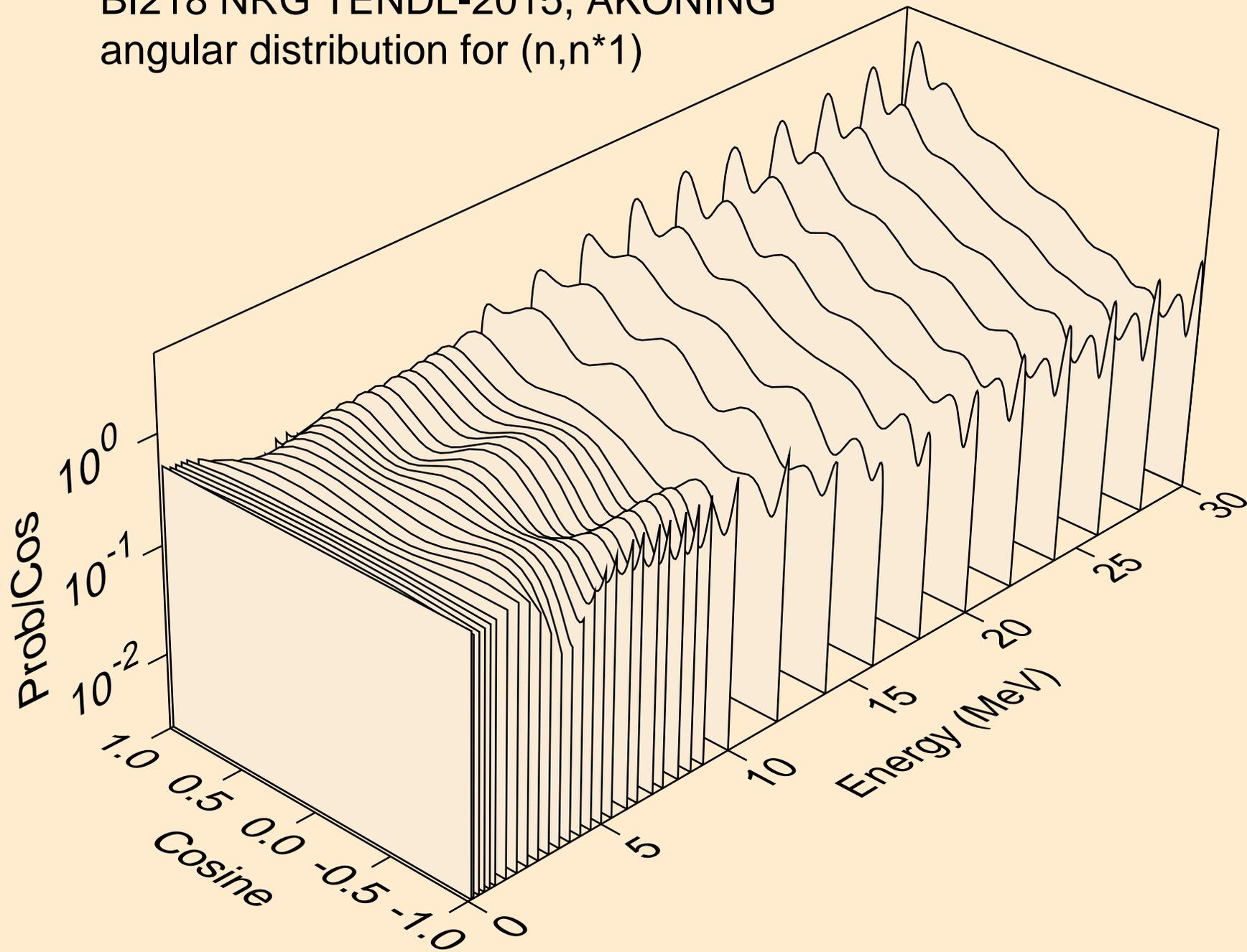
BI218 NRG TENDL-2015, AKONING  
angular distribution for elastic



BI218 NRG TENDL-2015, AKONING  
angular distribution for elastic

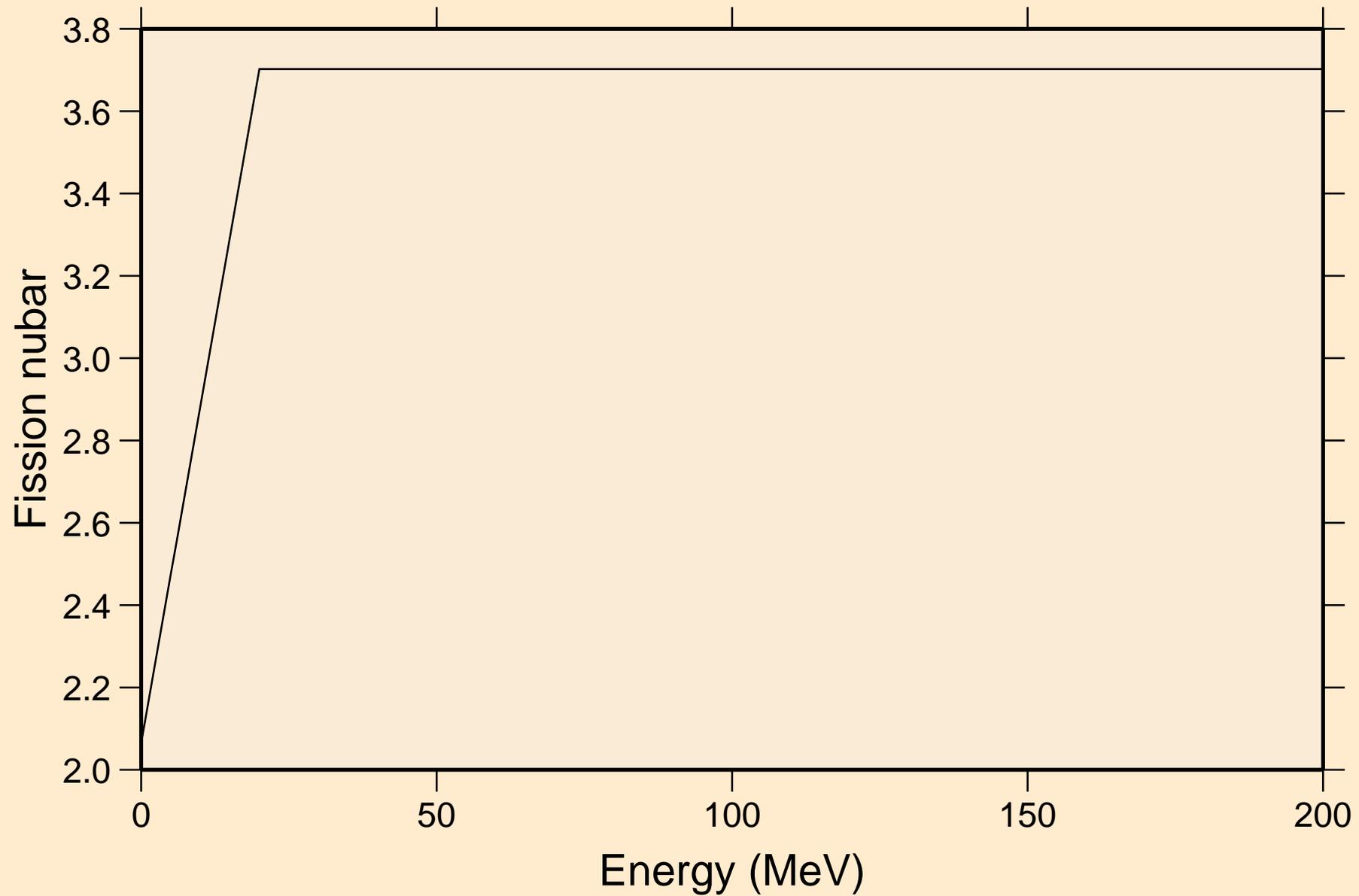


BI218 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

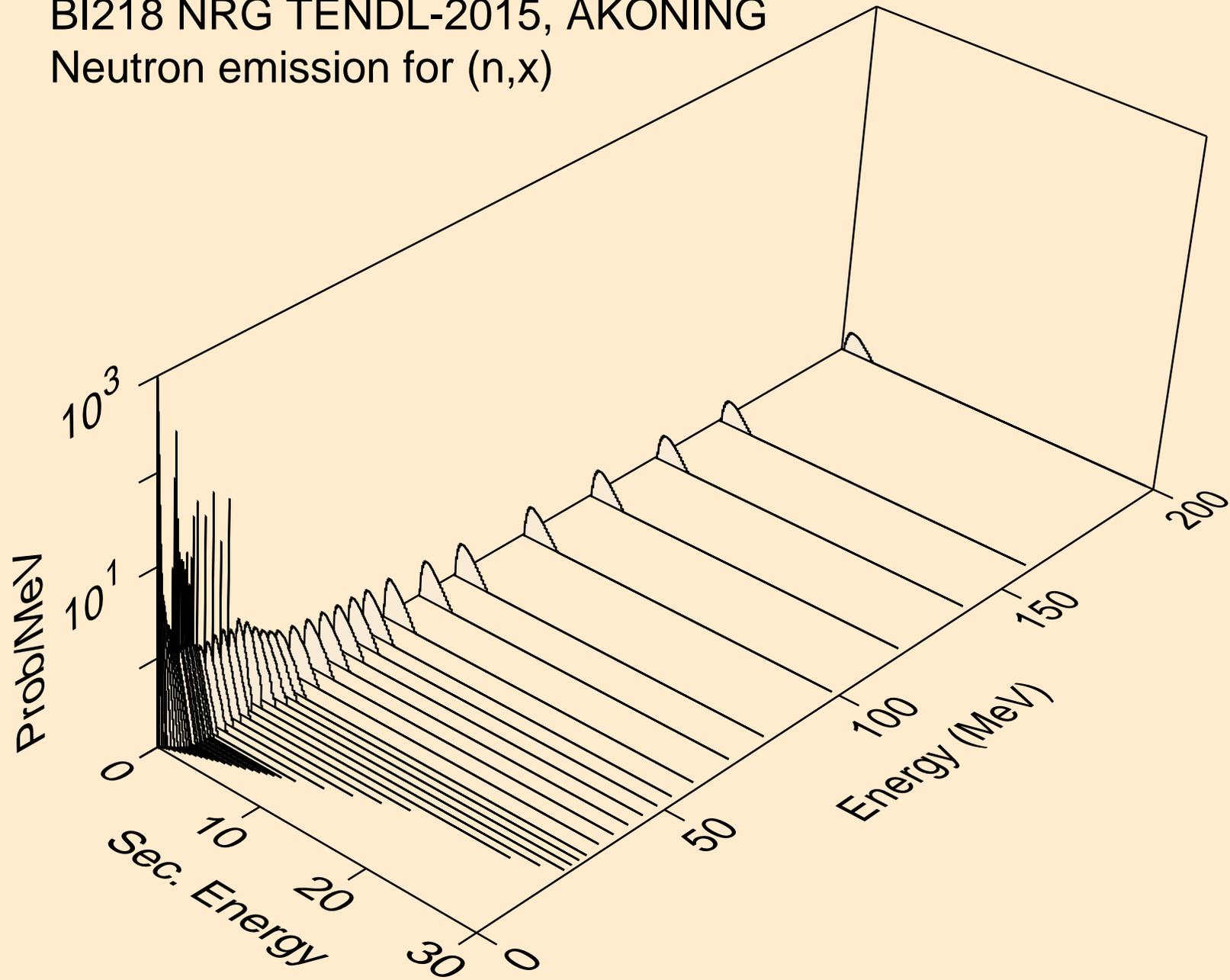


# BI218 NRG TENDL-2015, AKONING

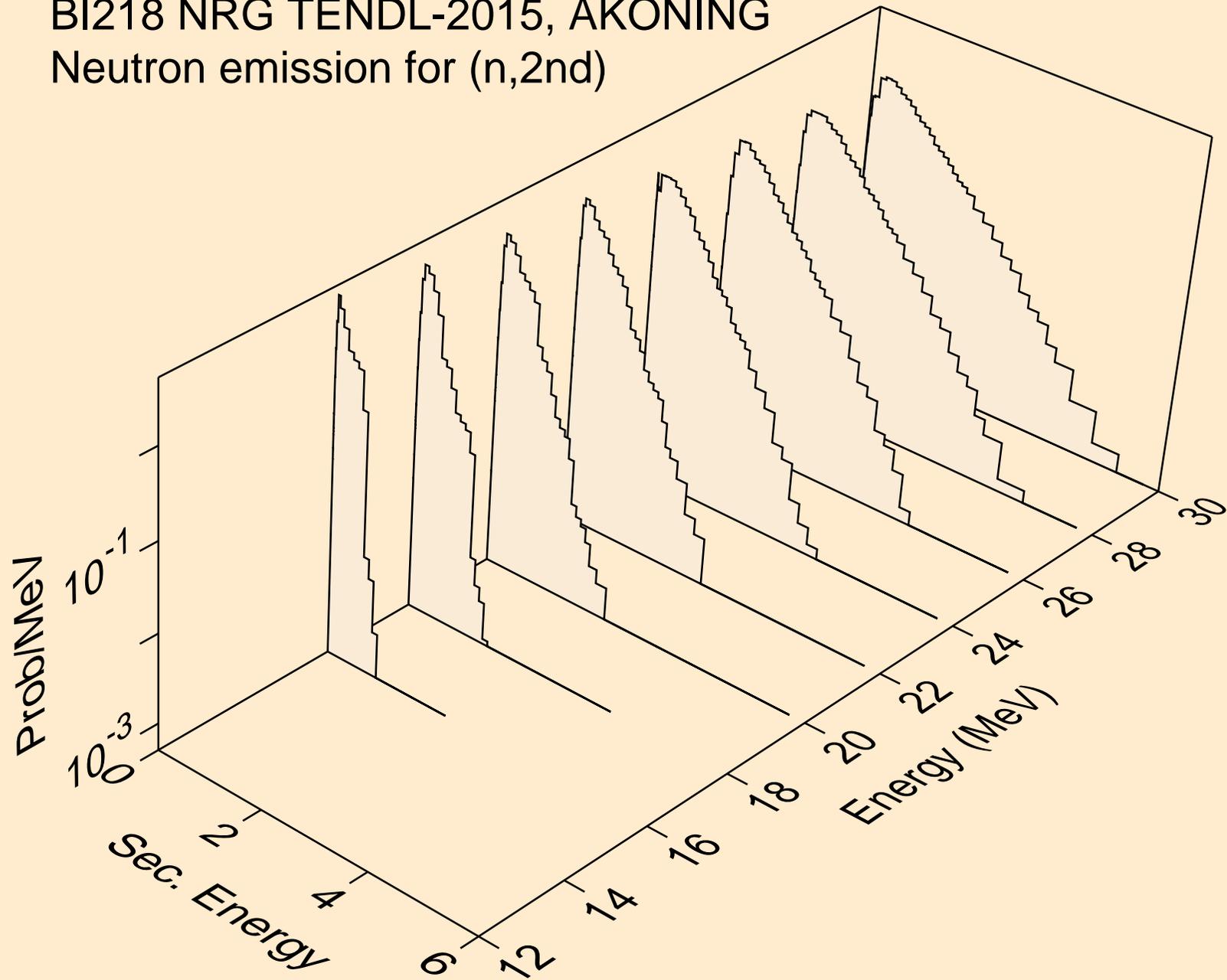
Total fission nubar



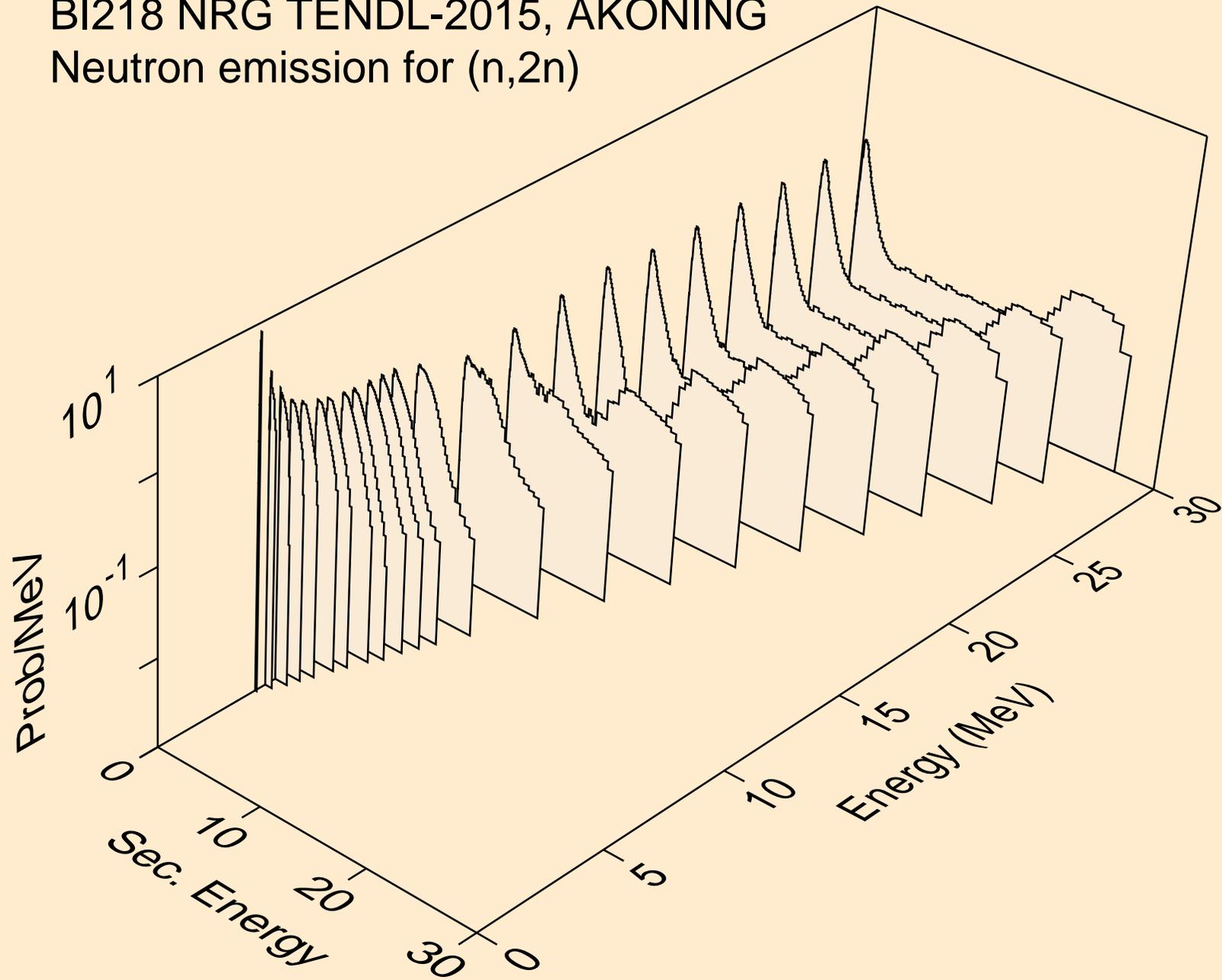
BI218 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



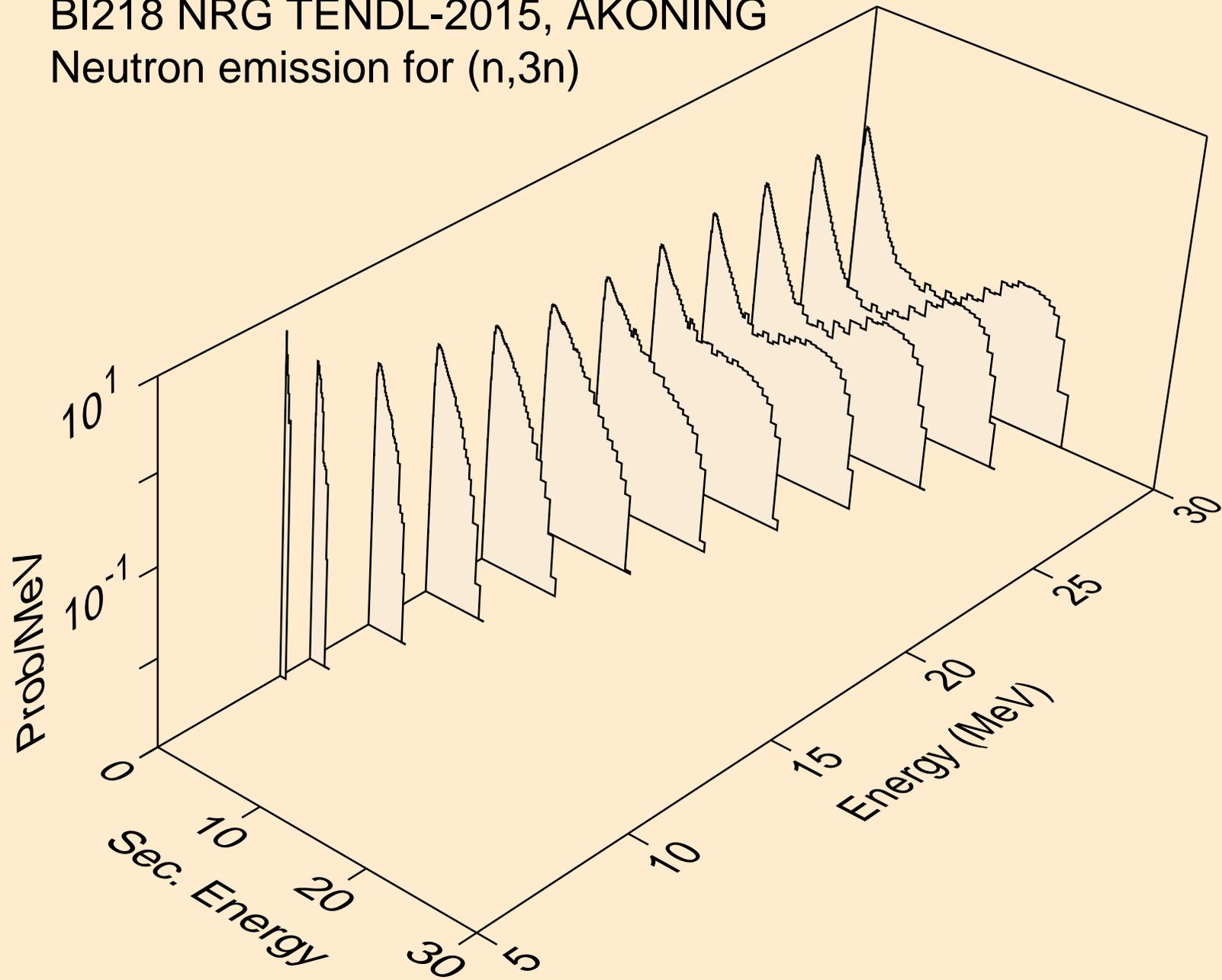
BI218 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



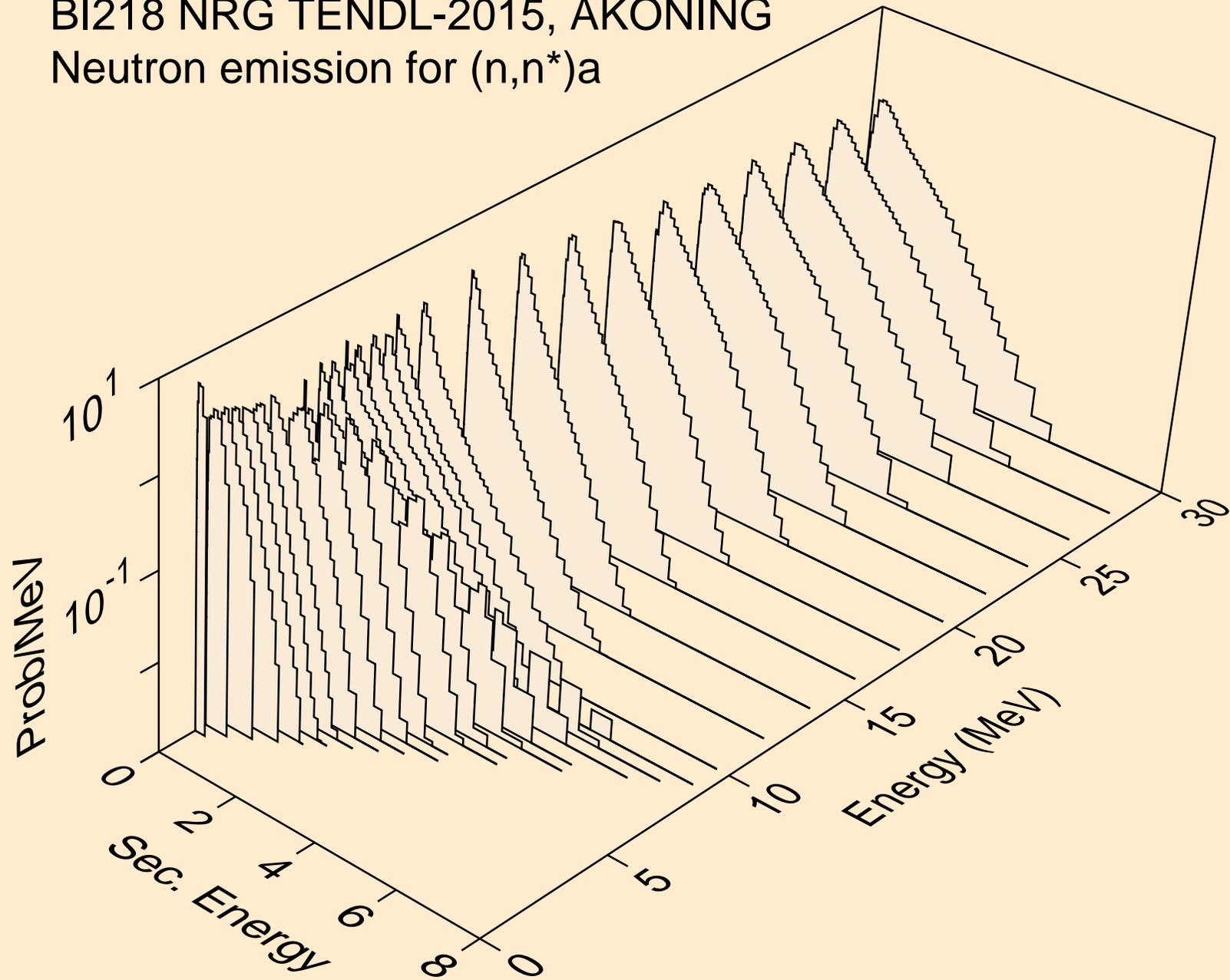
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Neutron emission for (n,2n)



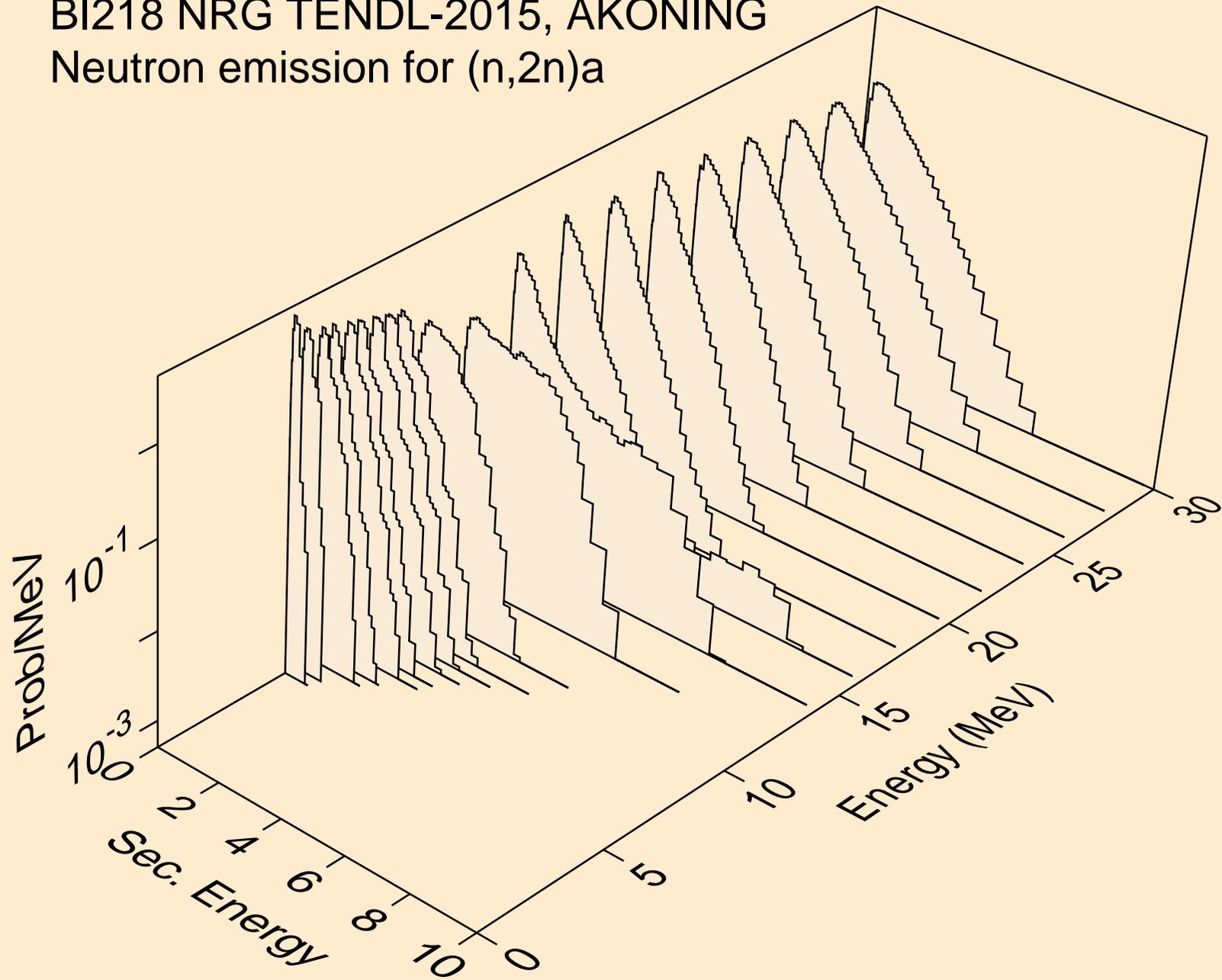
BI218 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



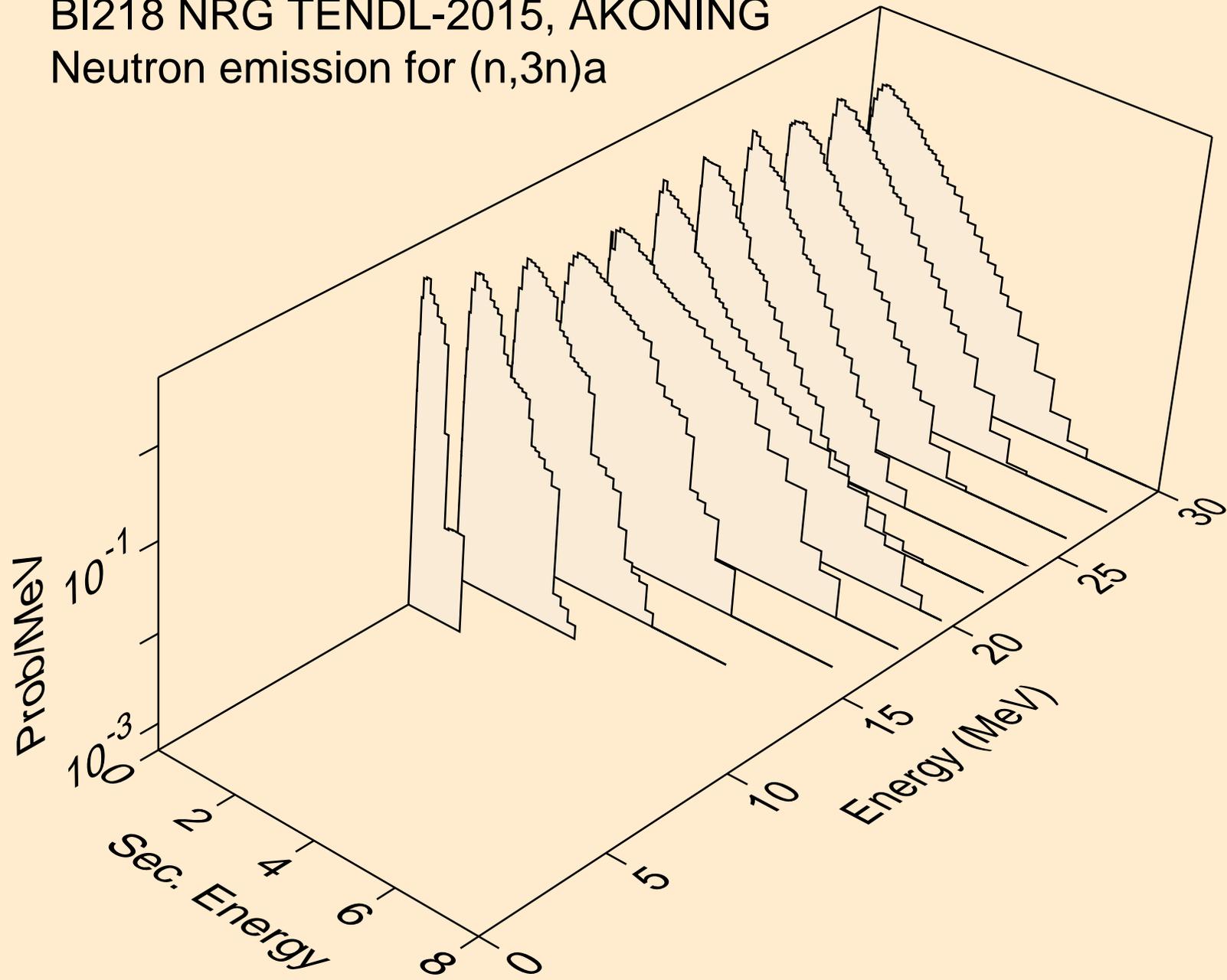
BI218 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



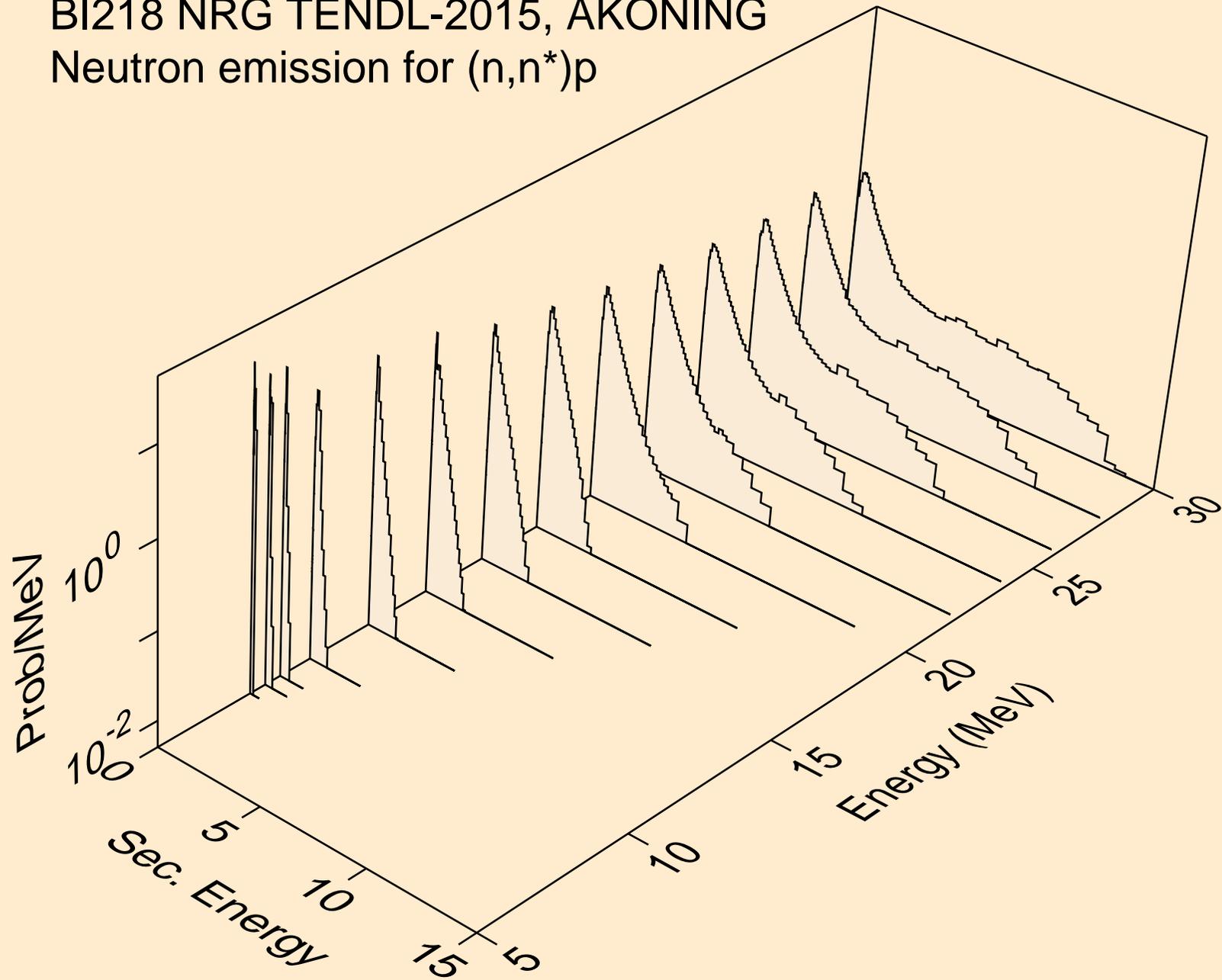
BI218 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



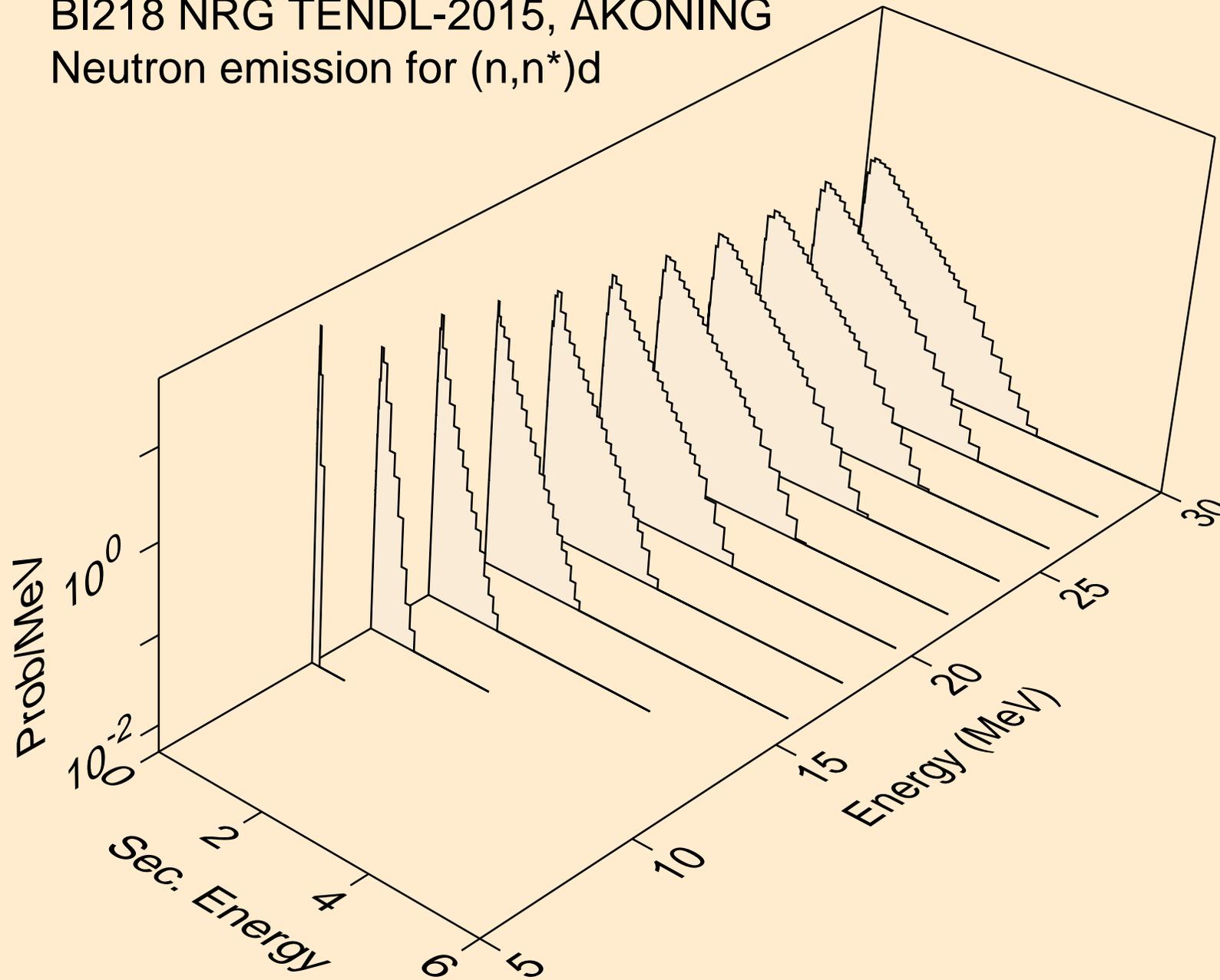
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Neutron emission for (n,3n)a



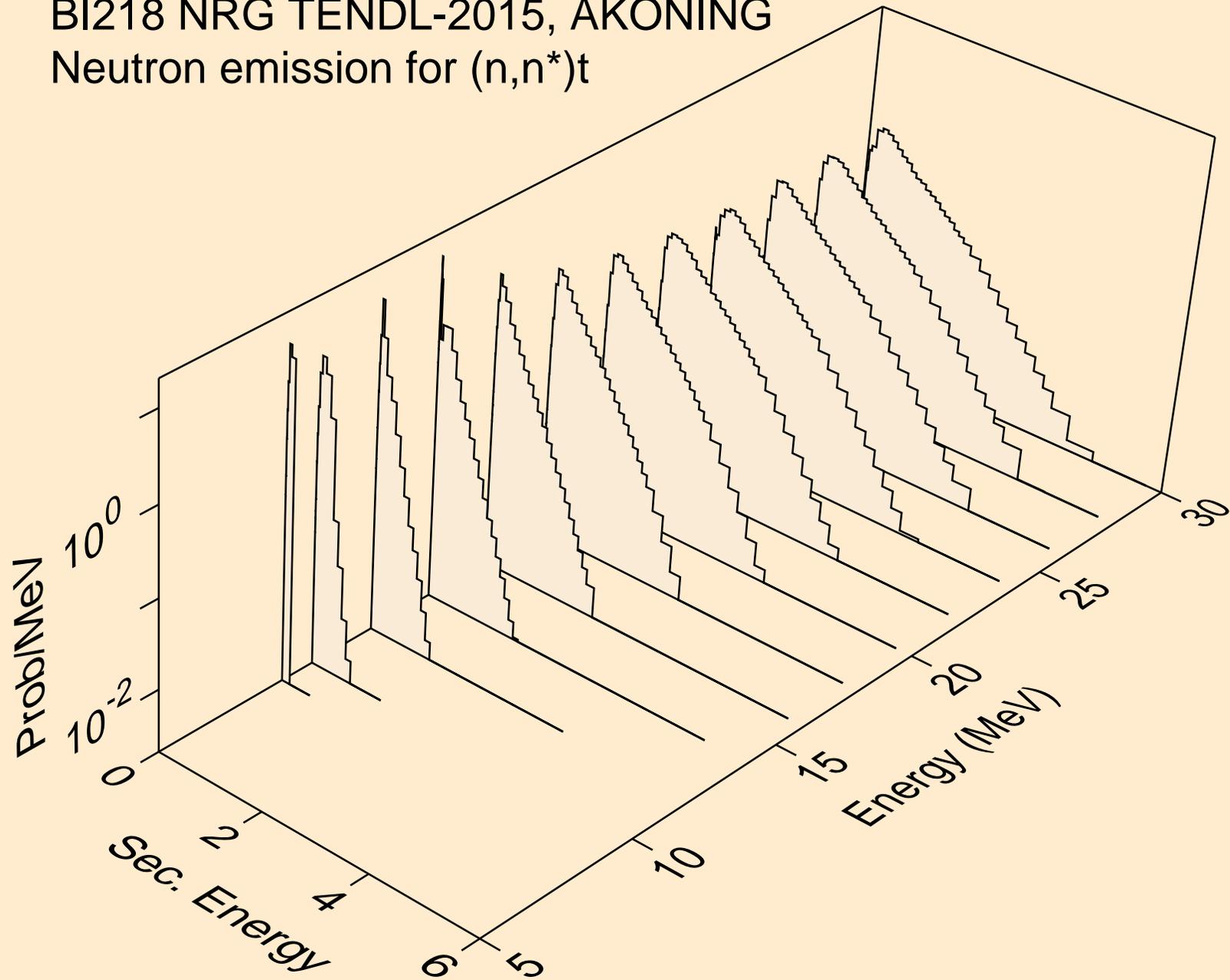
BI218 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



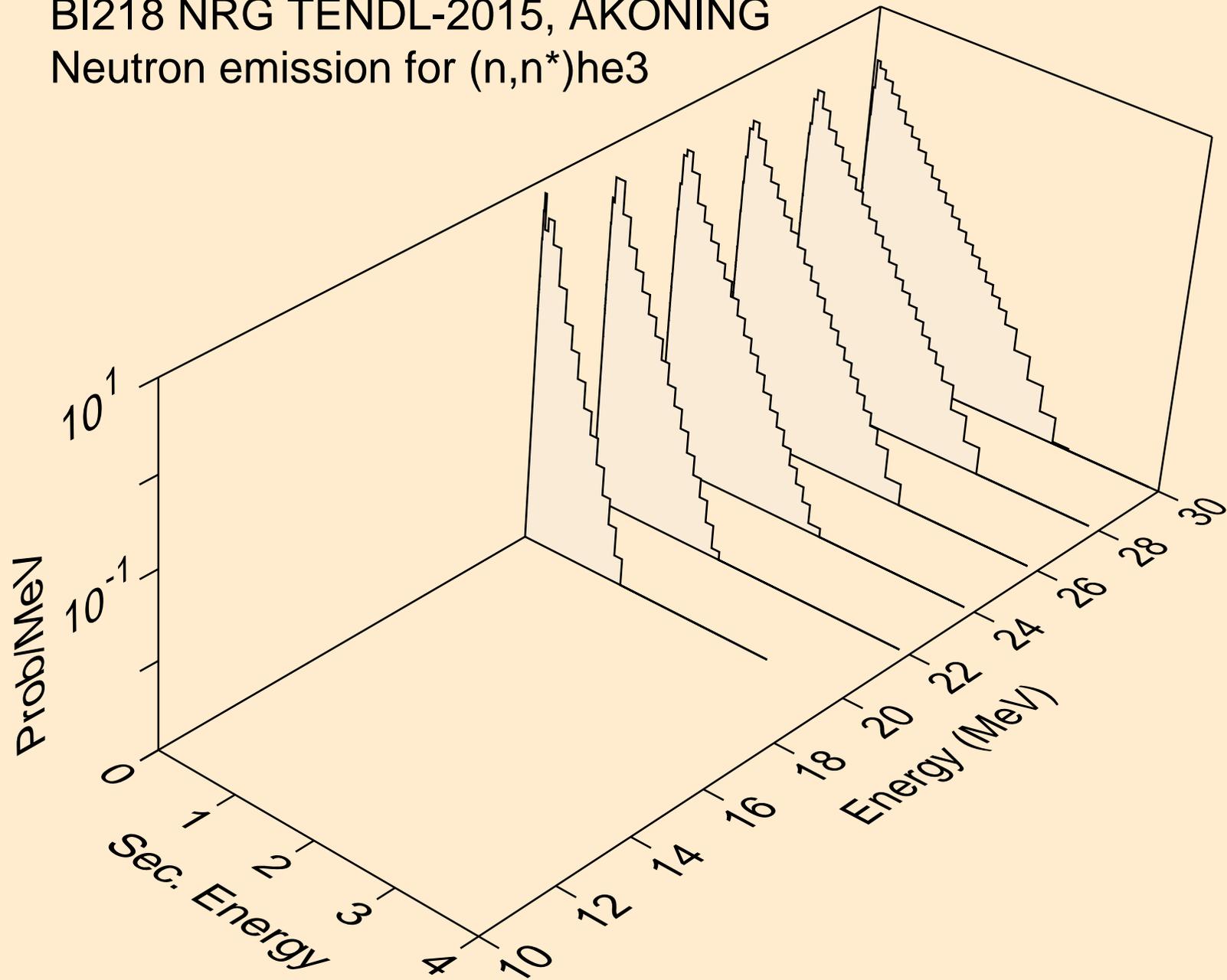
BI218 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



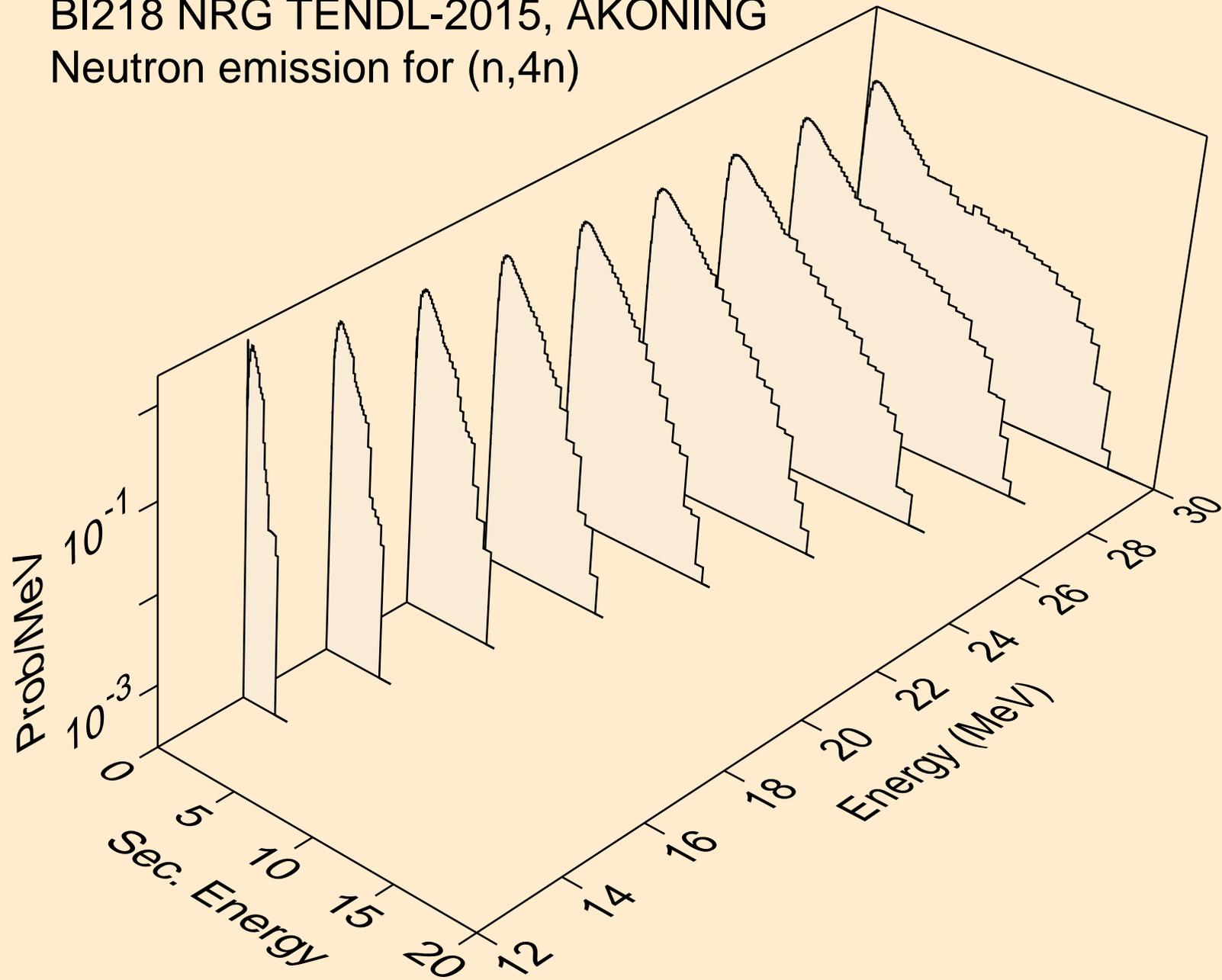
BI218 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



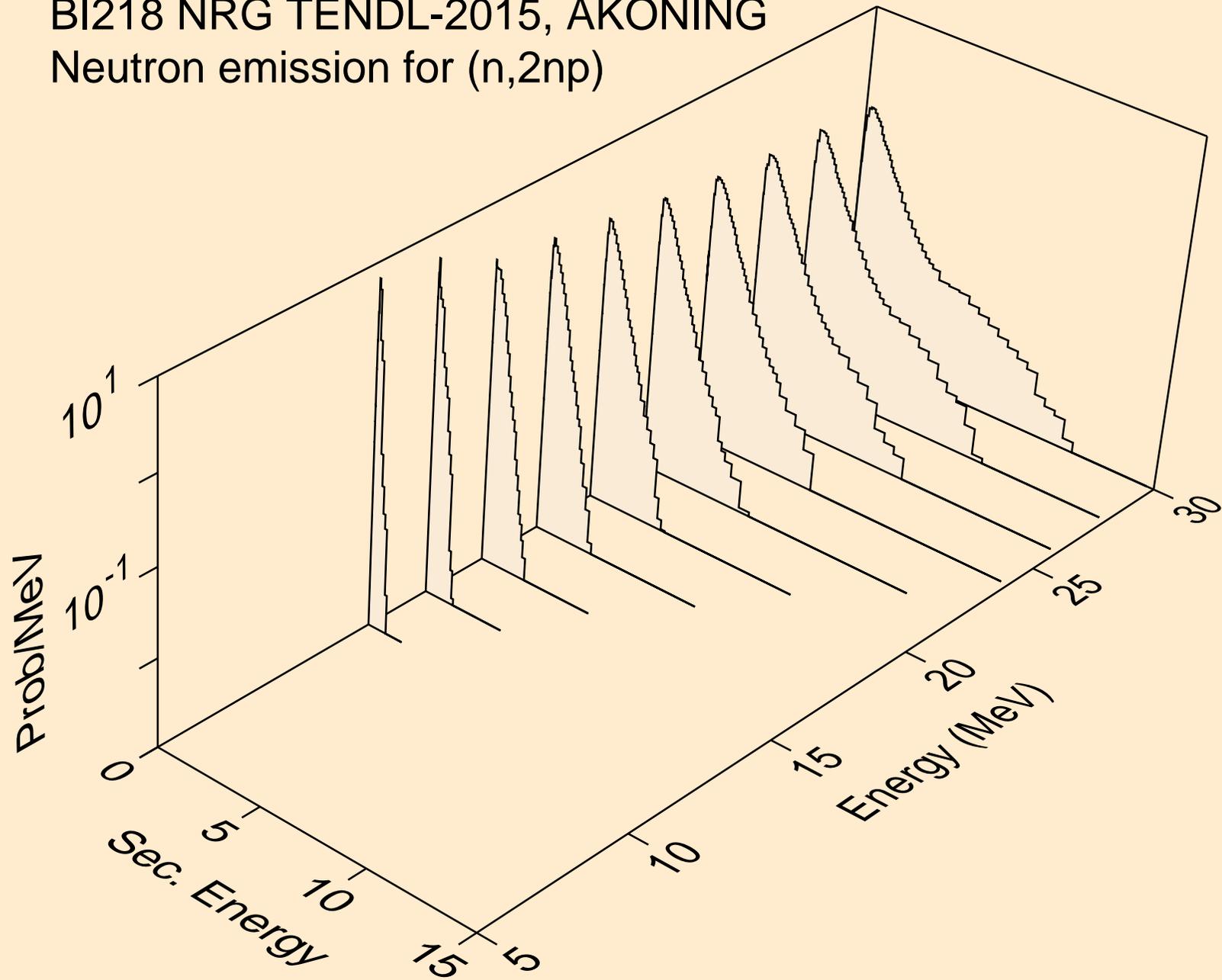
BI218 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



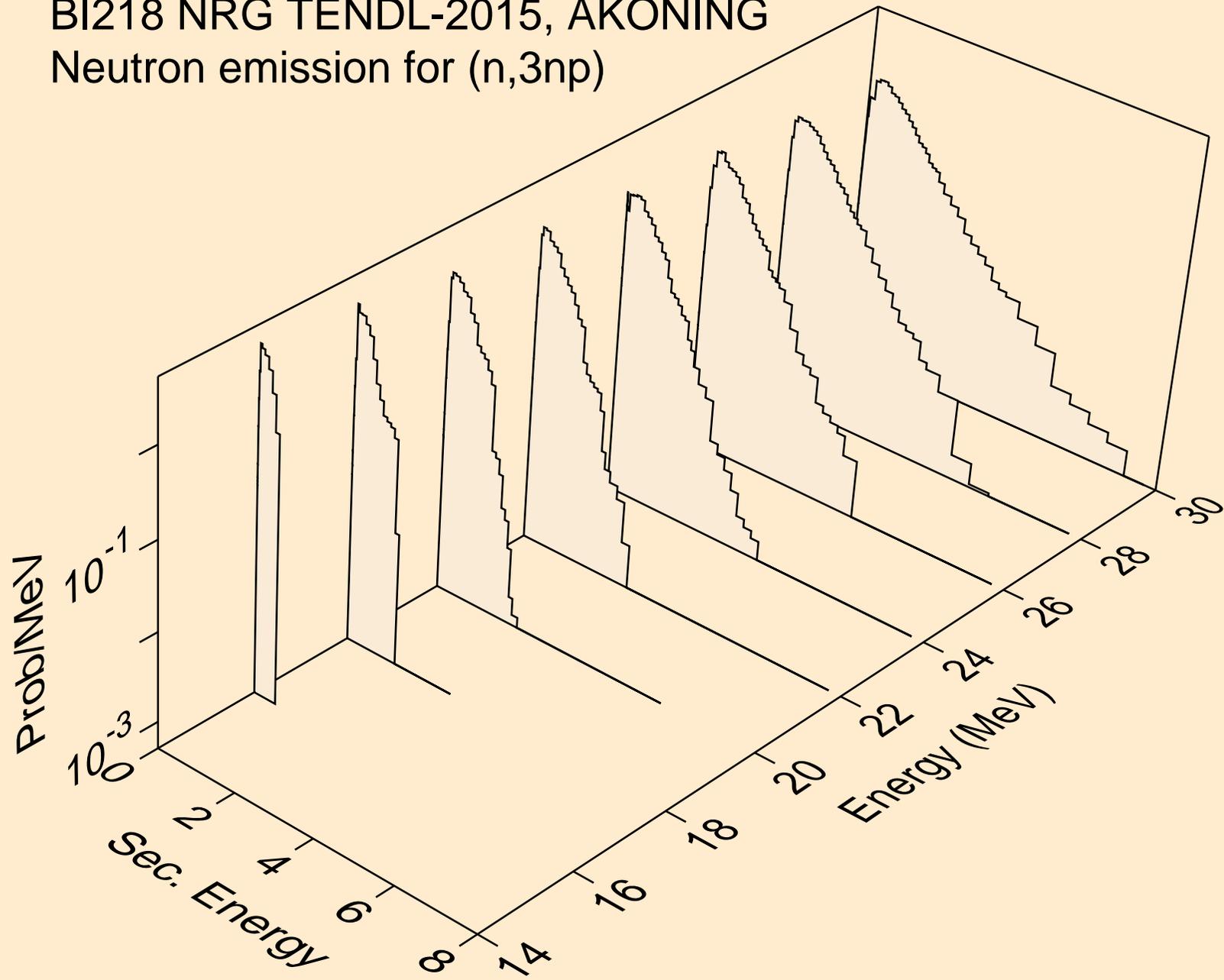
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Neutron emission for (n,4n)



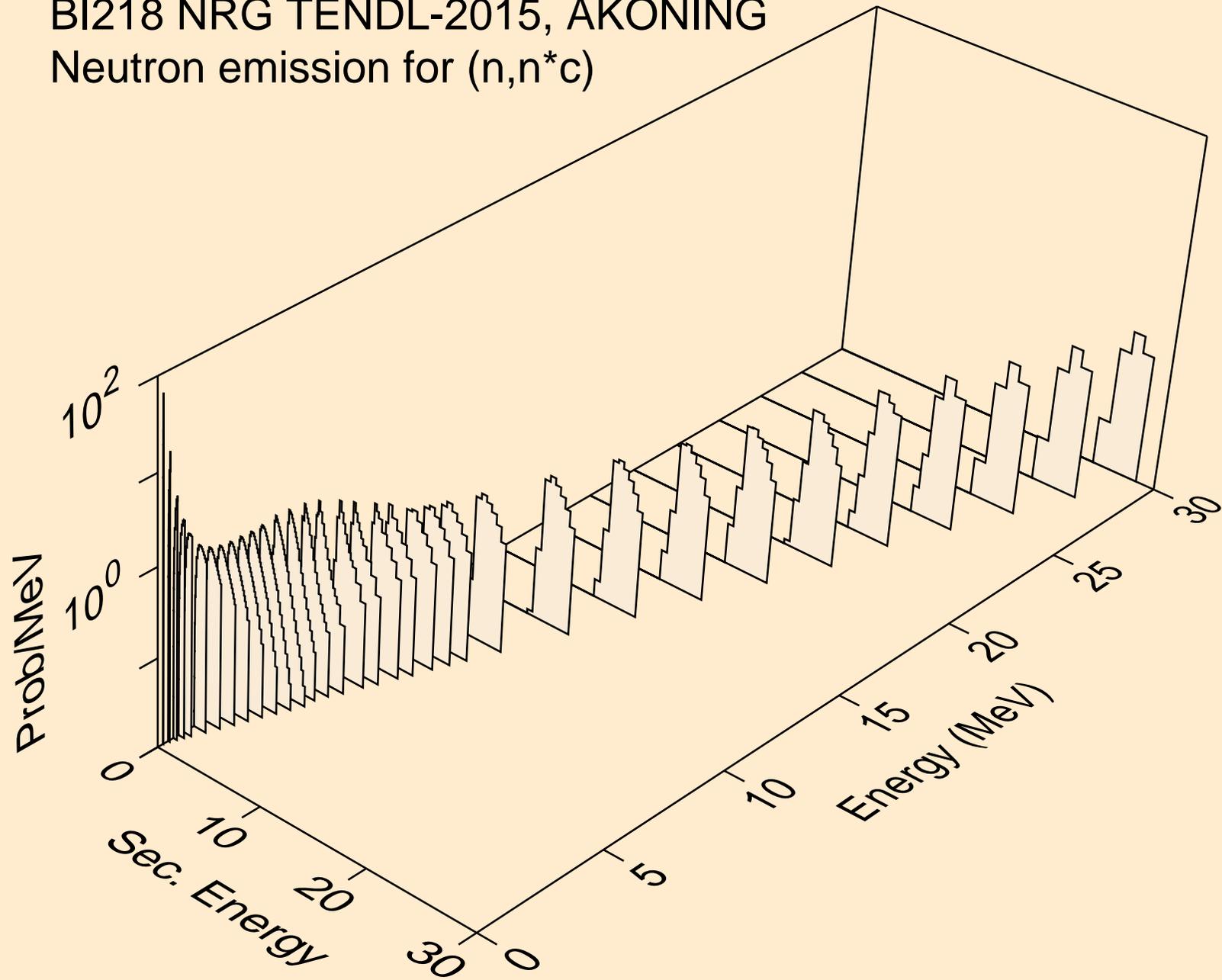
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Neutron emission for (n,2np)



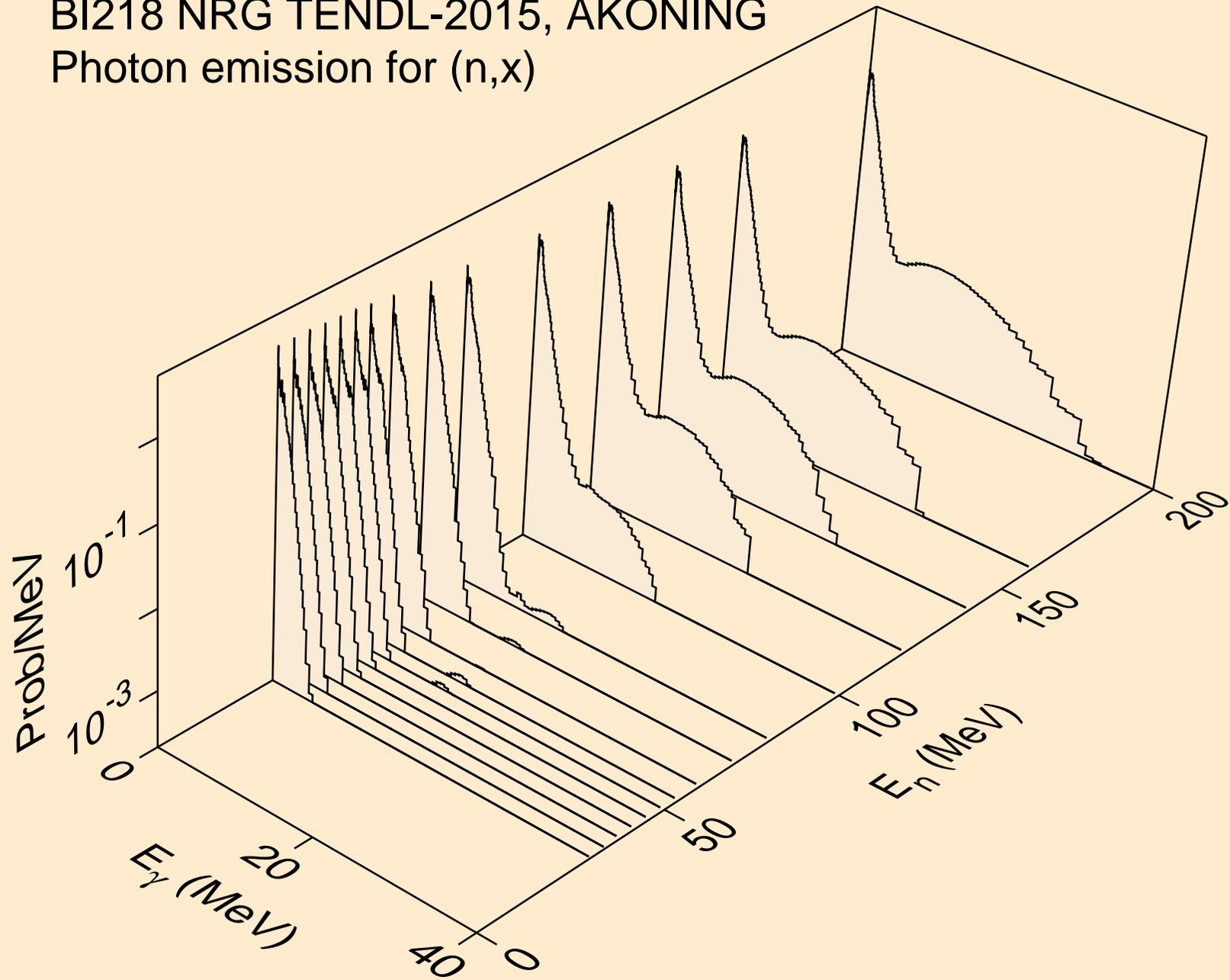
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Neutron emission for (n,3np)



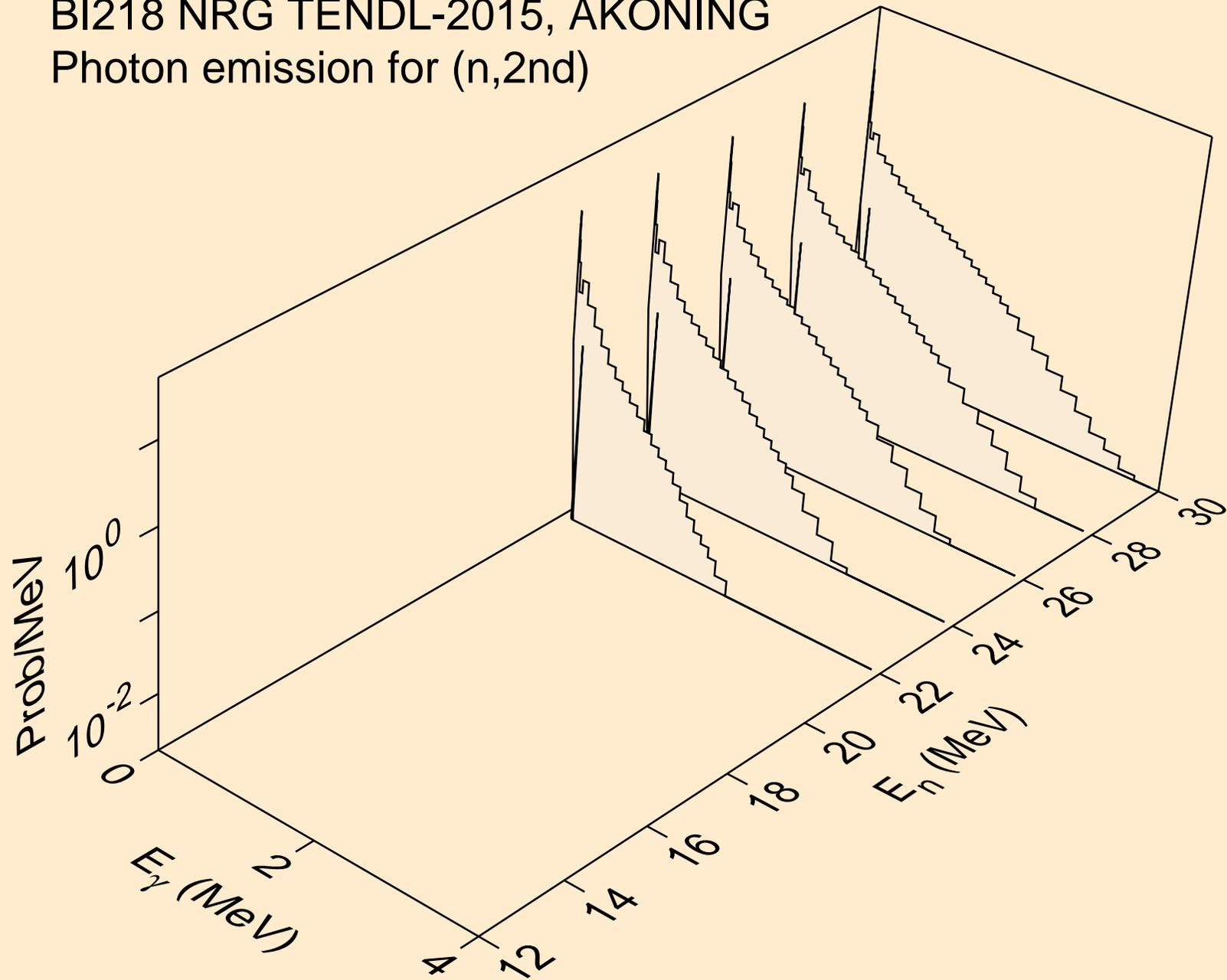
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Neutron emission for (n,n\*c)



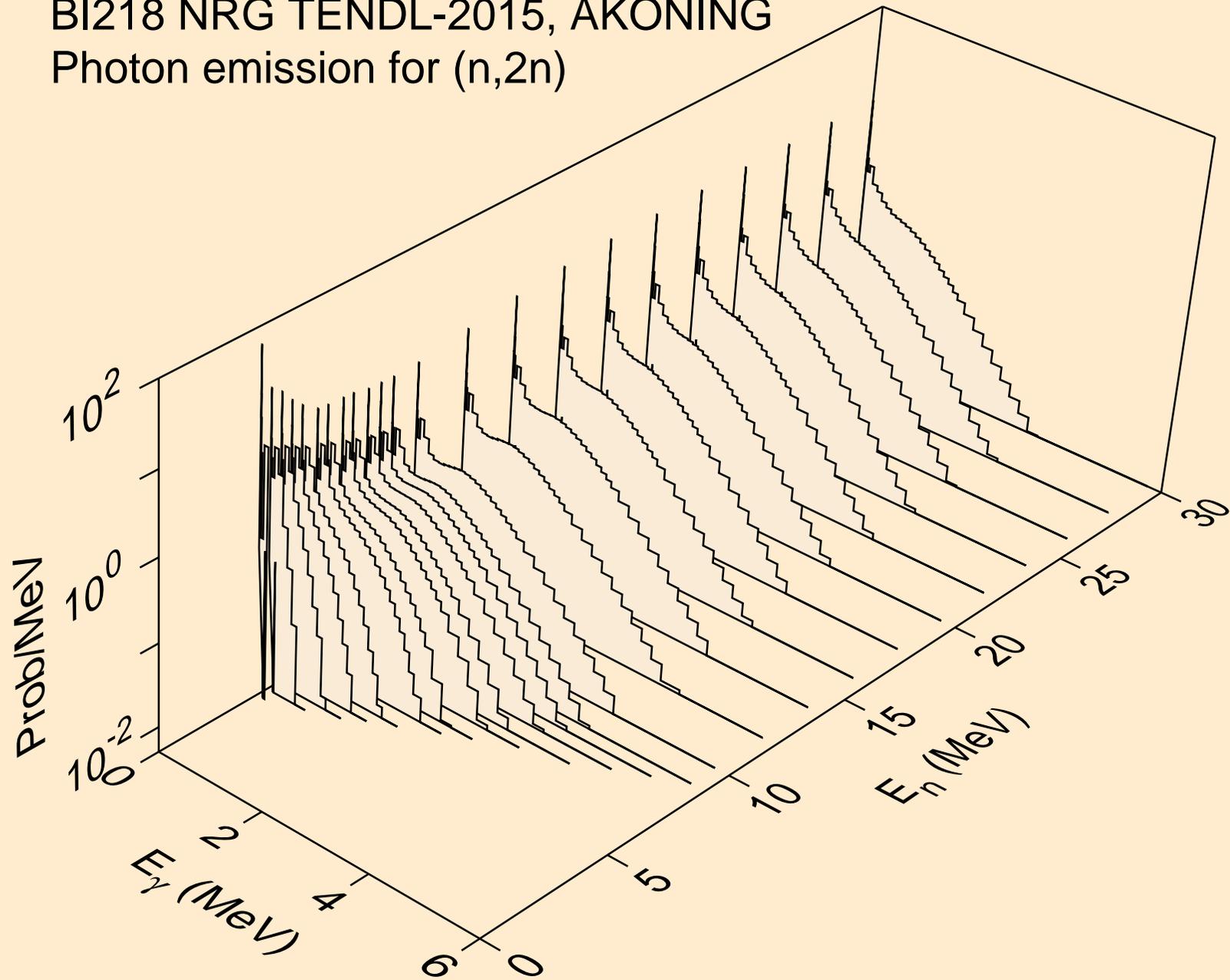
BI218 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



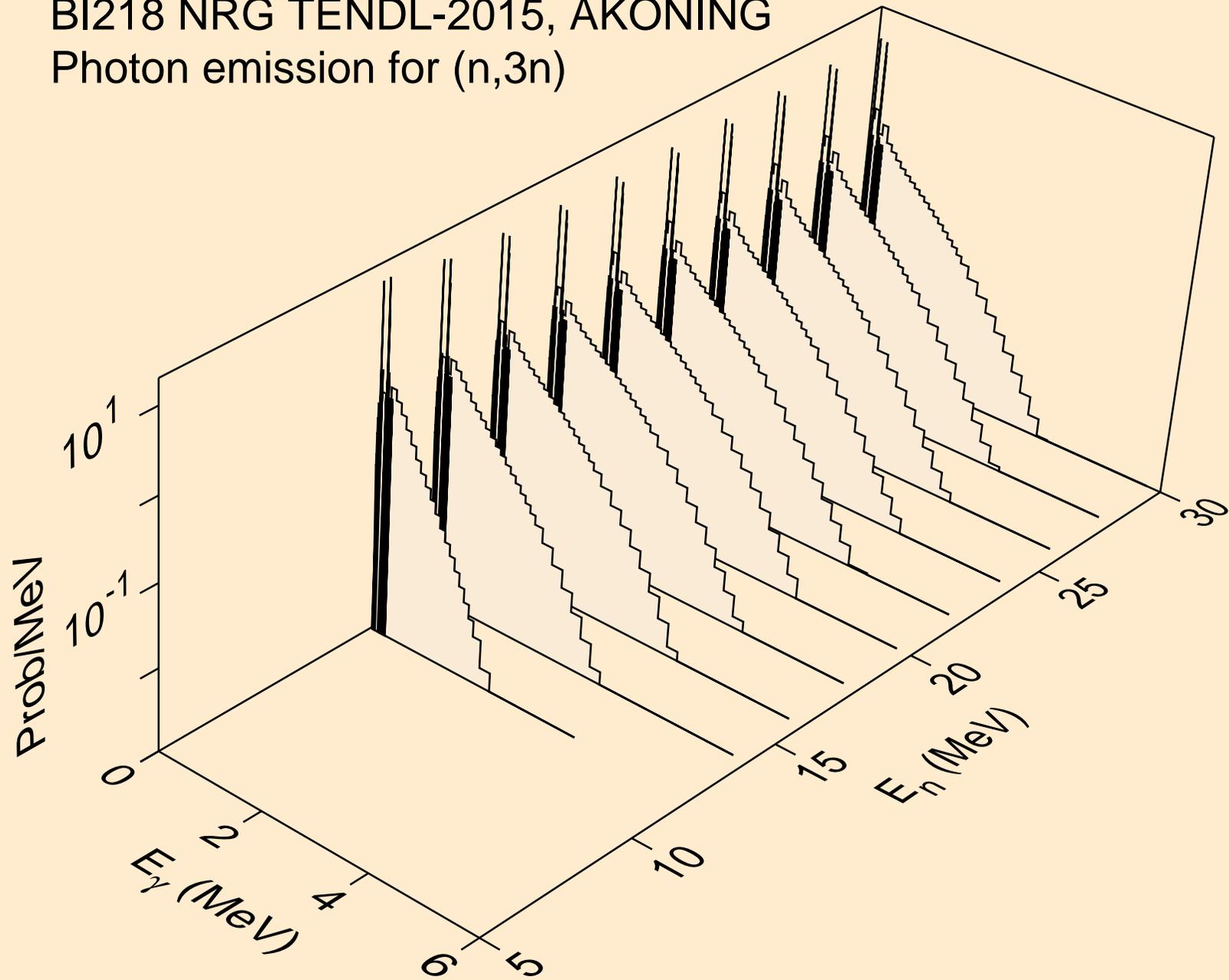
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Photon emission for (n,2nd)



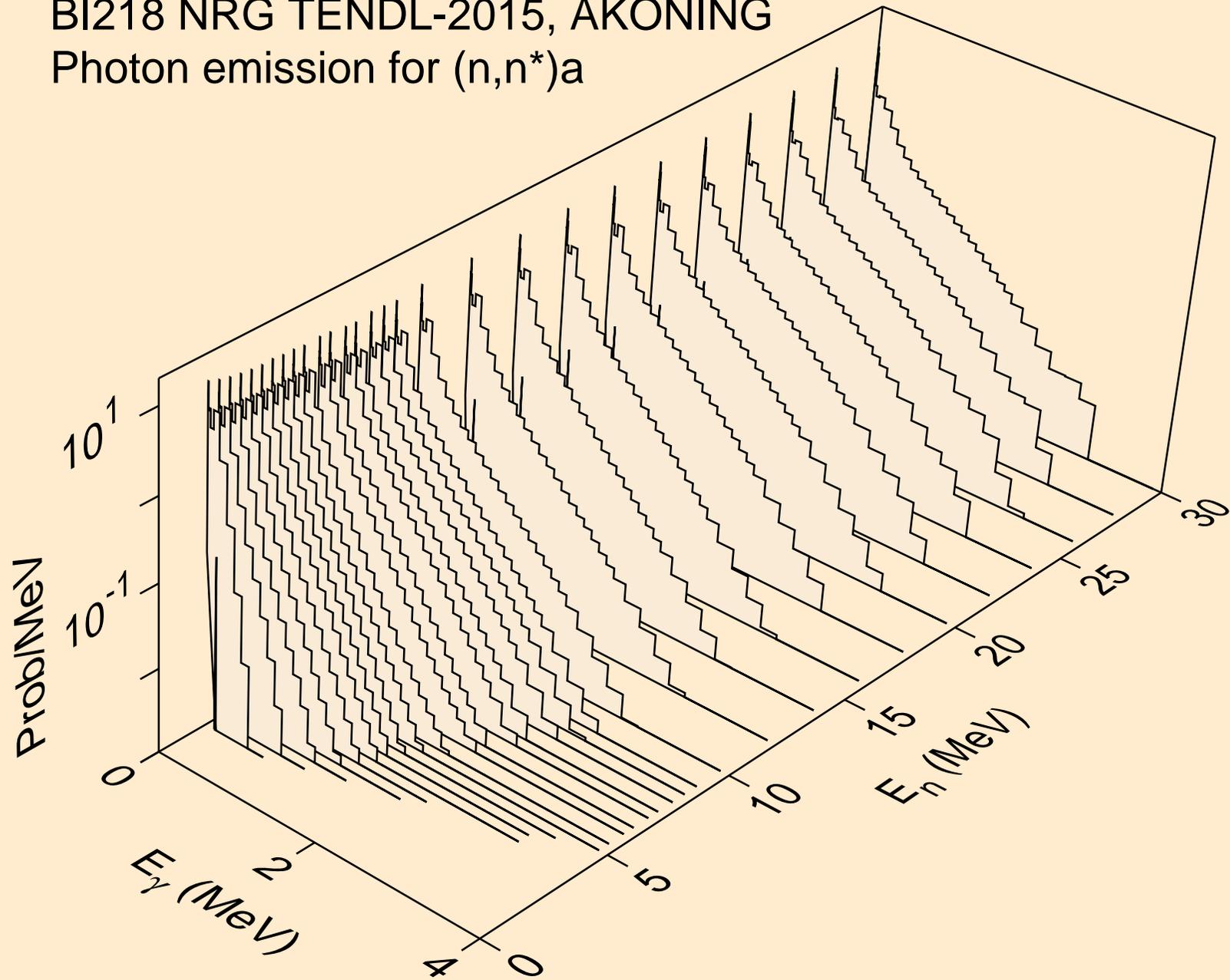
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Photon emission for (n,2n)



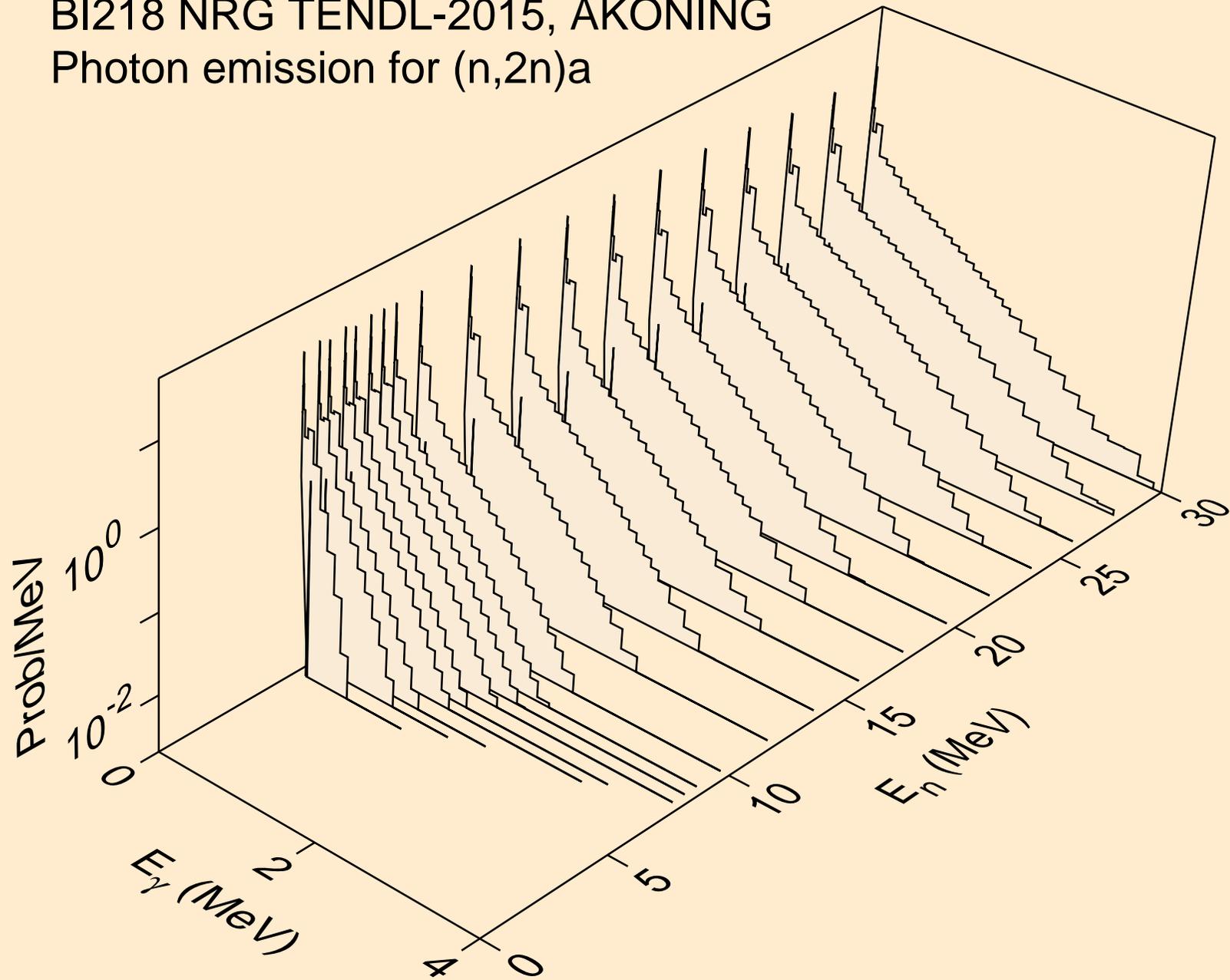
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Photon emission for (n,3n)



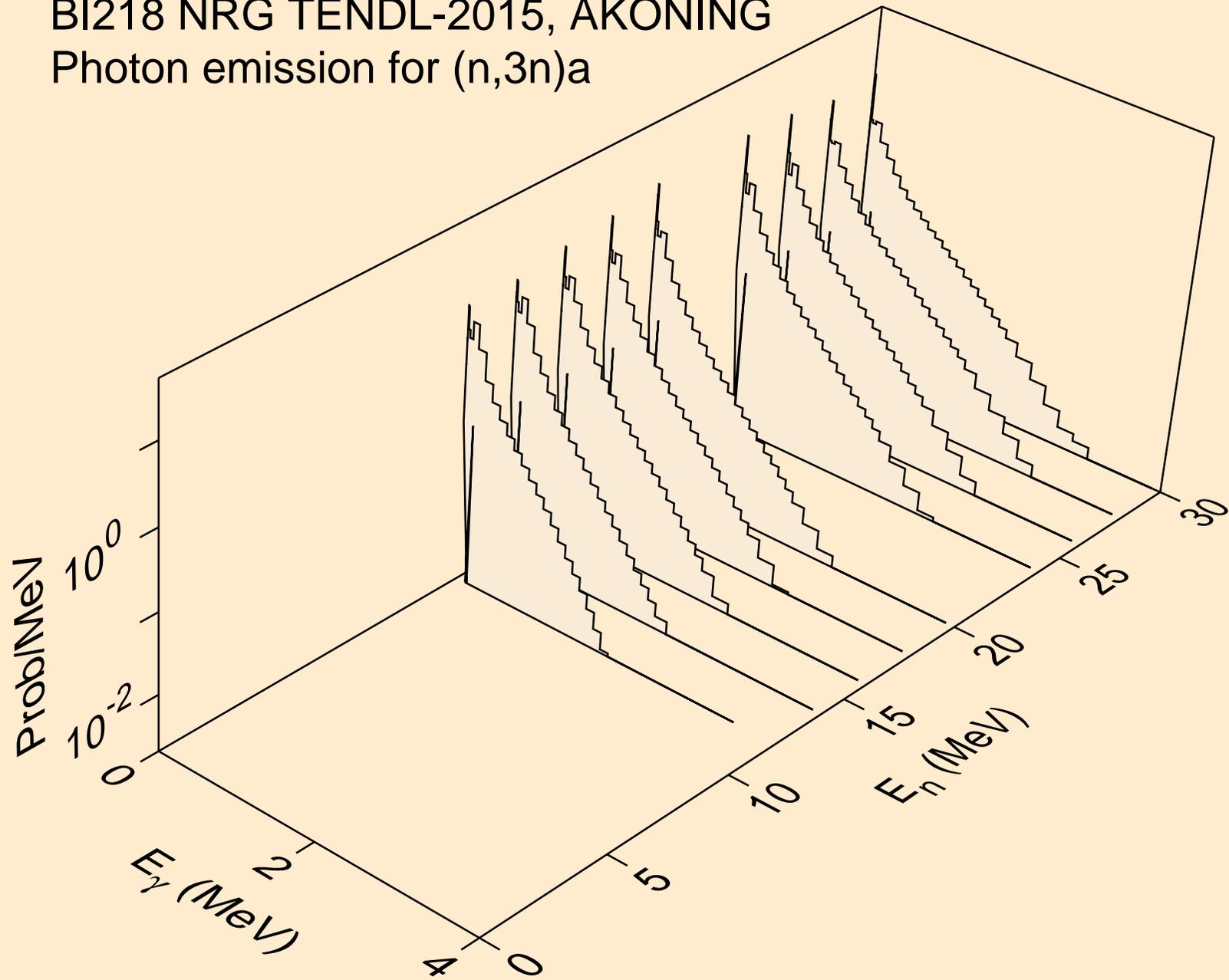
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Photon emission for (n,n\*)a



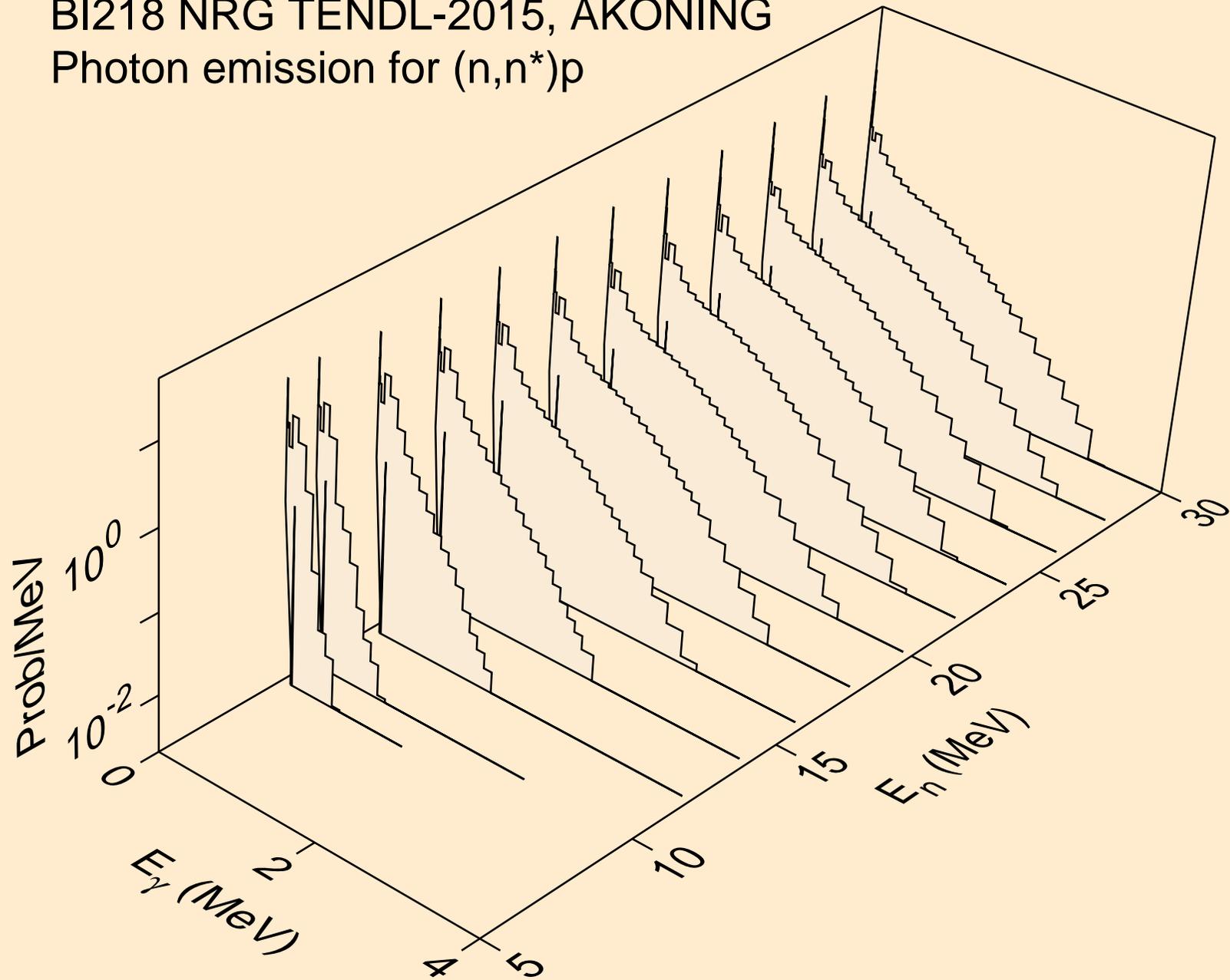
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Photon emission for (n,2n)a



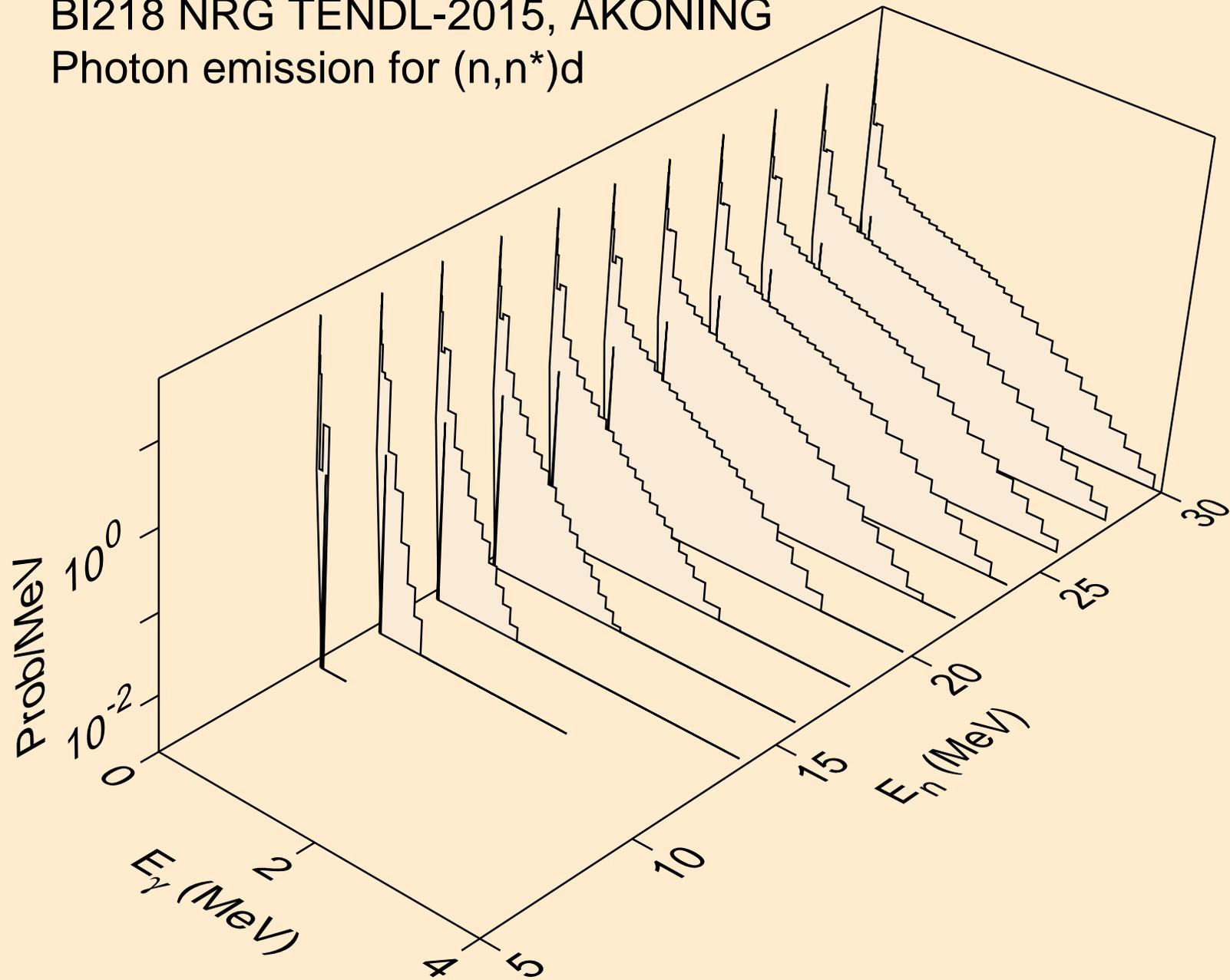
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Photon emission for (n,3n)a



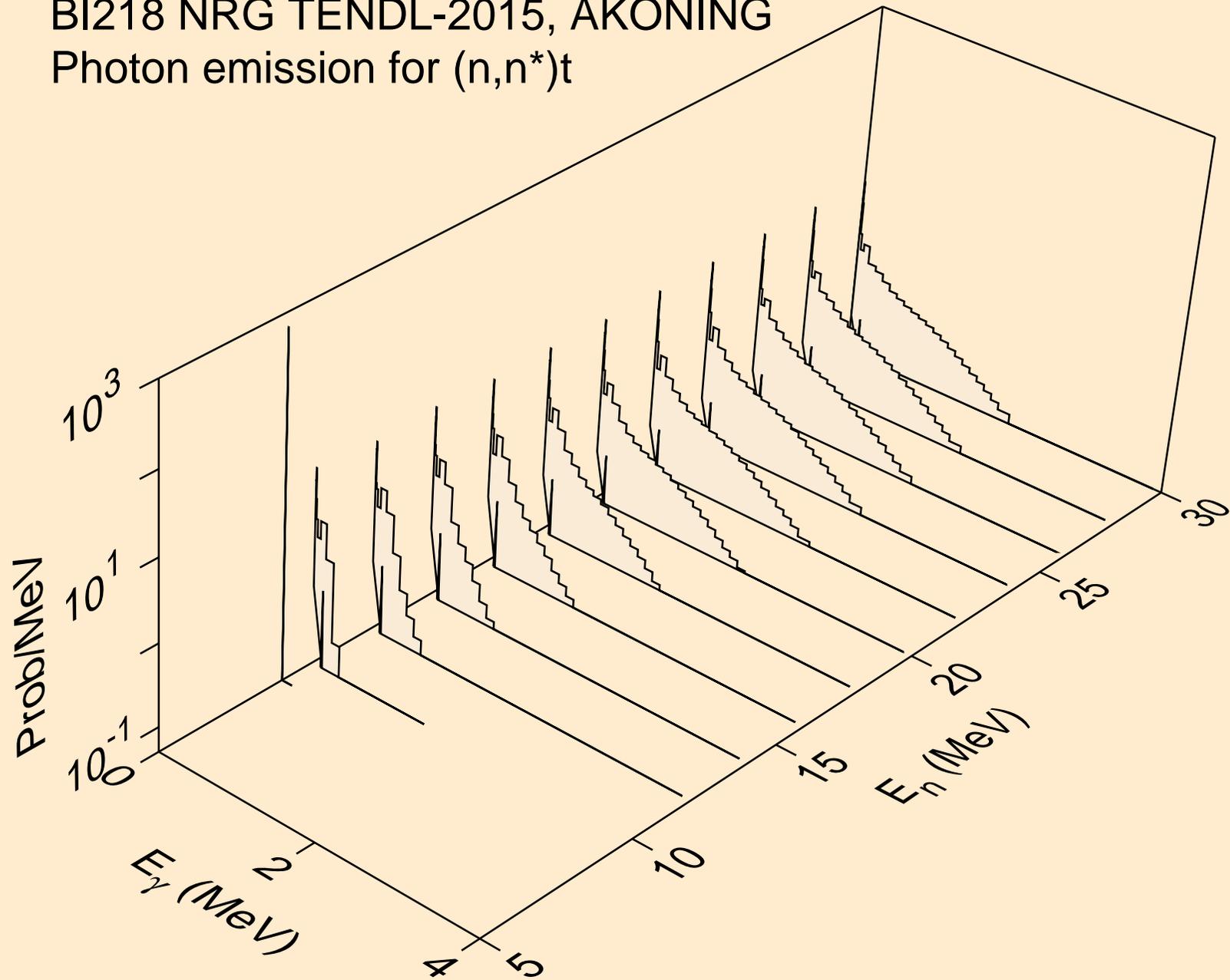
BI218 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



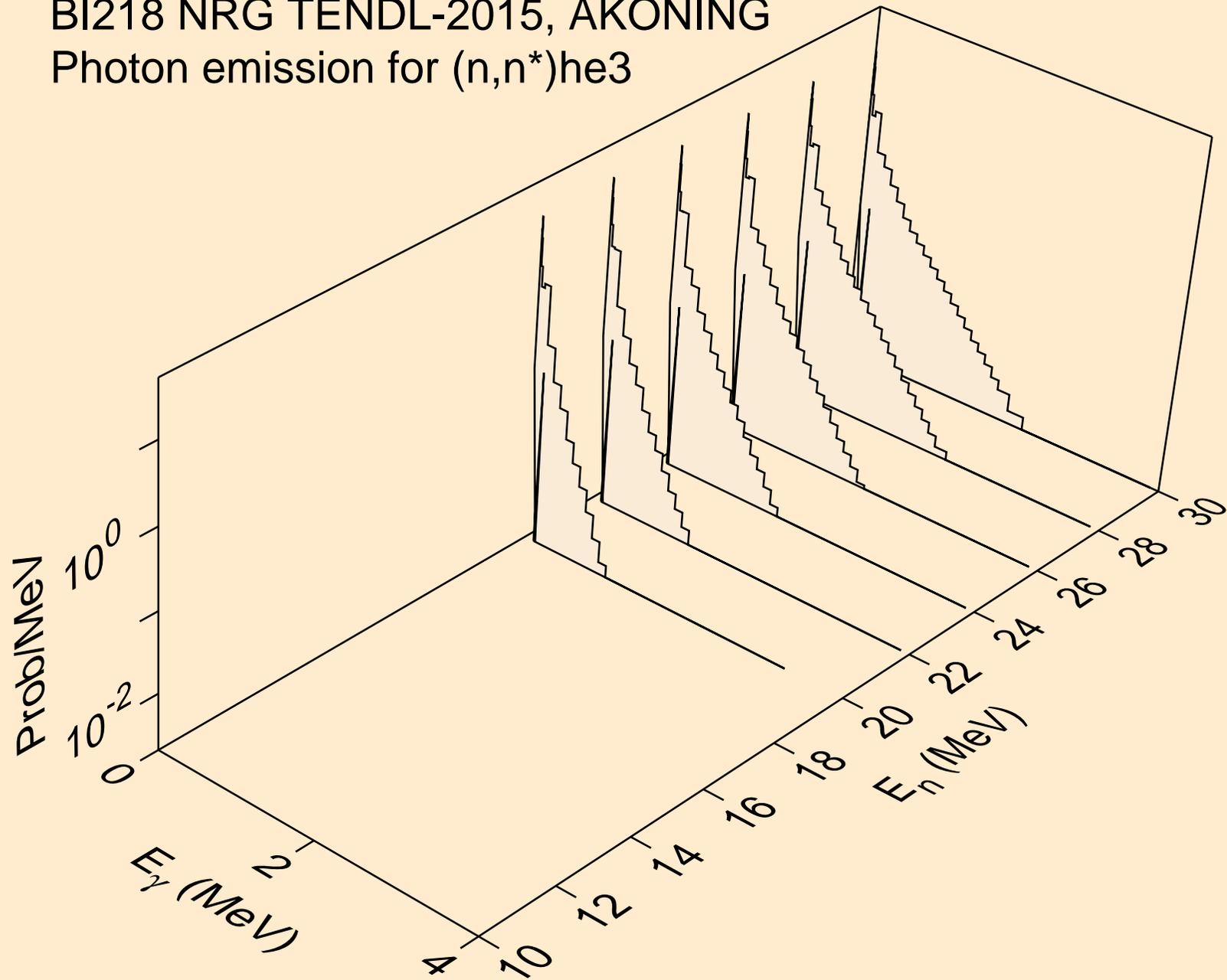
BI218 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



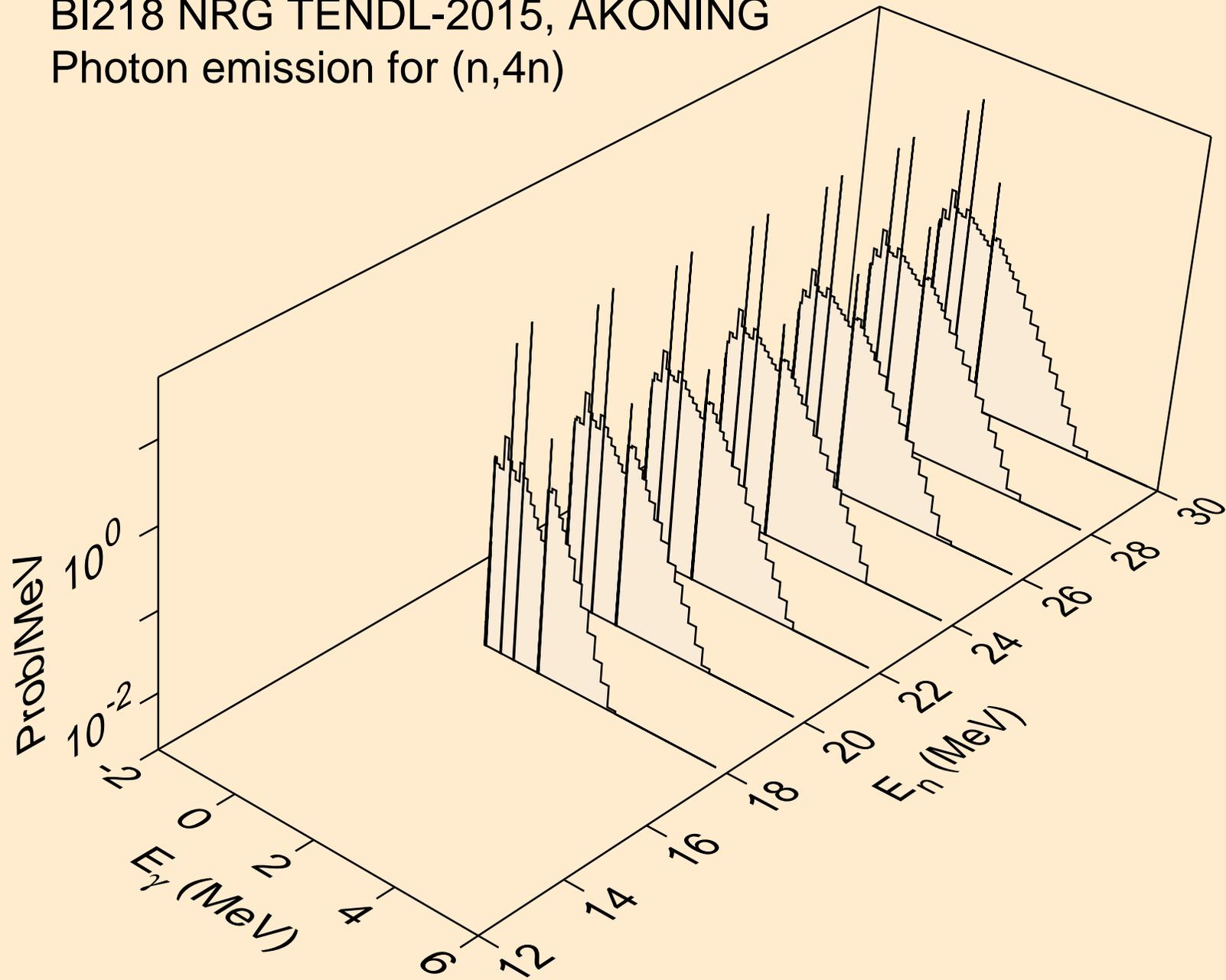
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Photon emission for (n,n\*)t



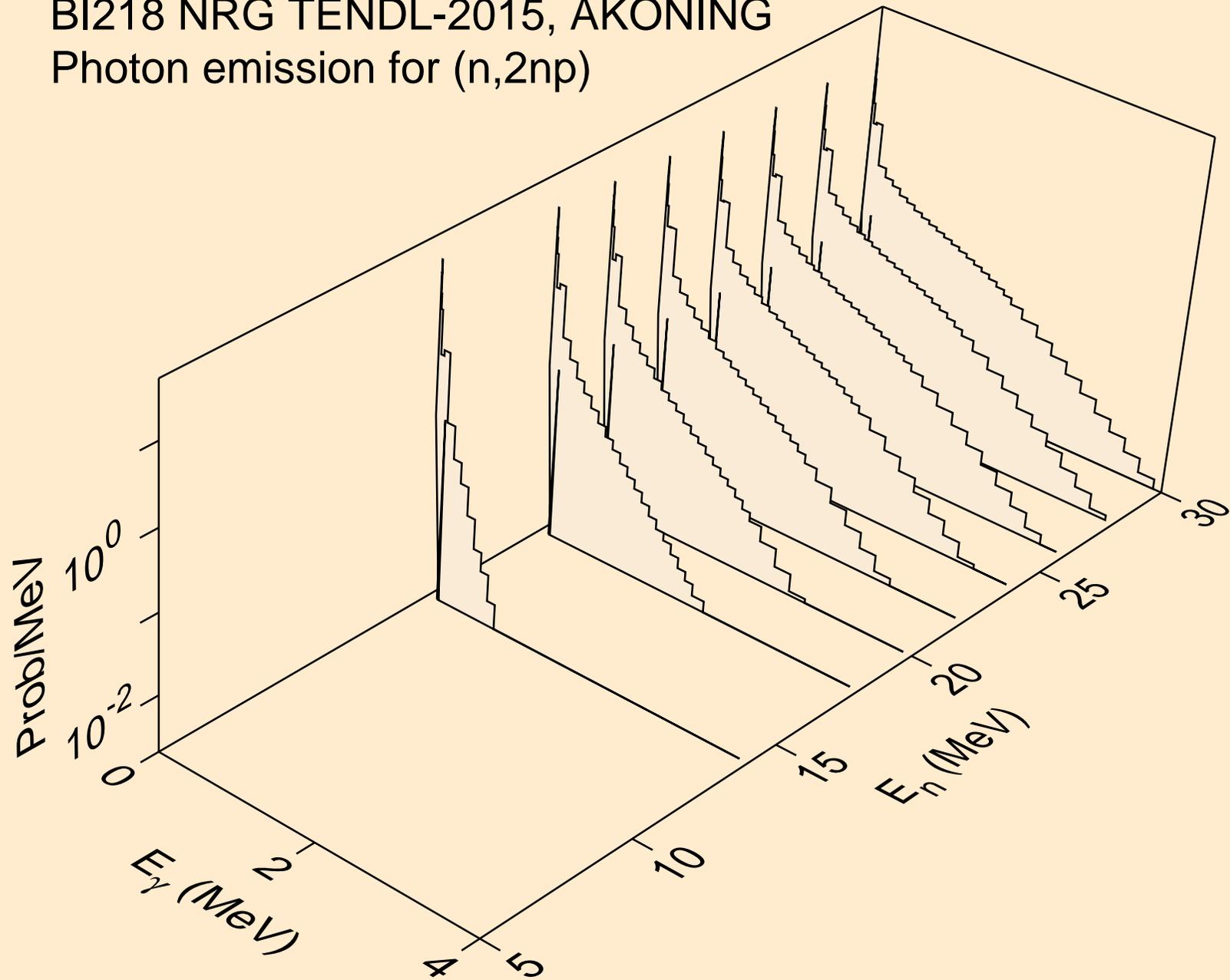
BI218 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



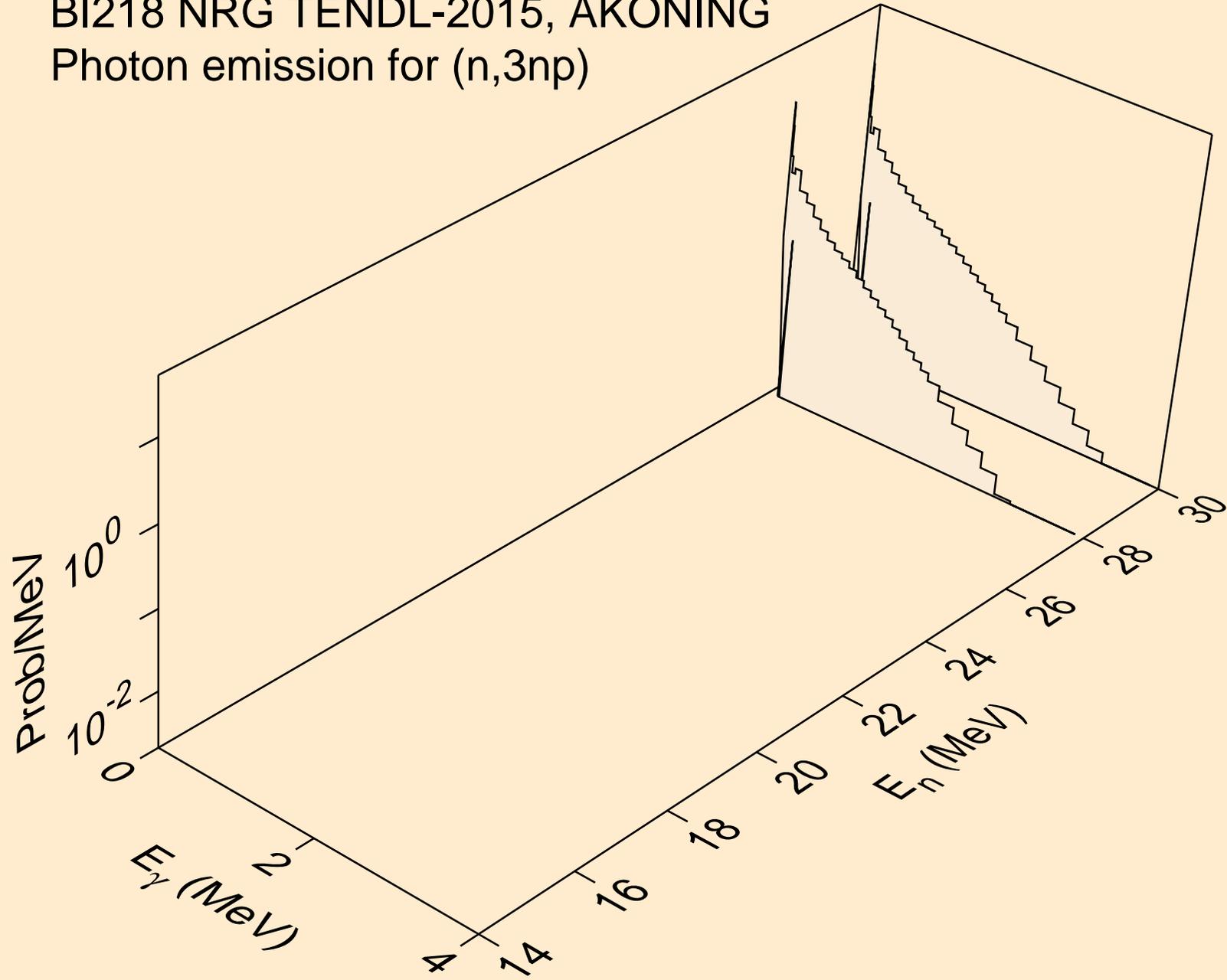
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Photon emission for (n,4n)



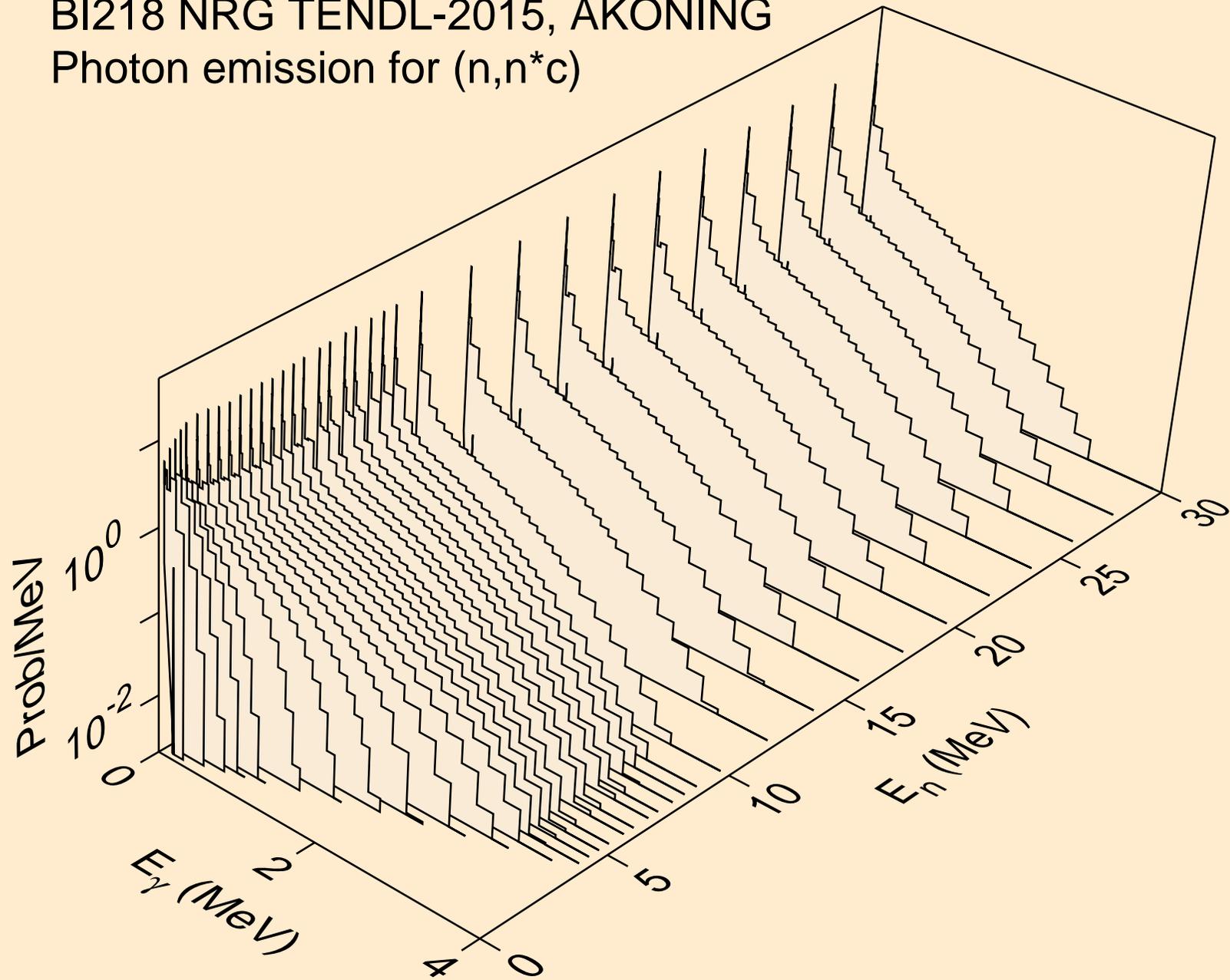
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Photon emission for (n,2np)



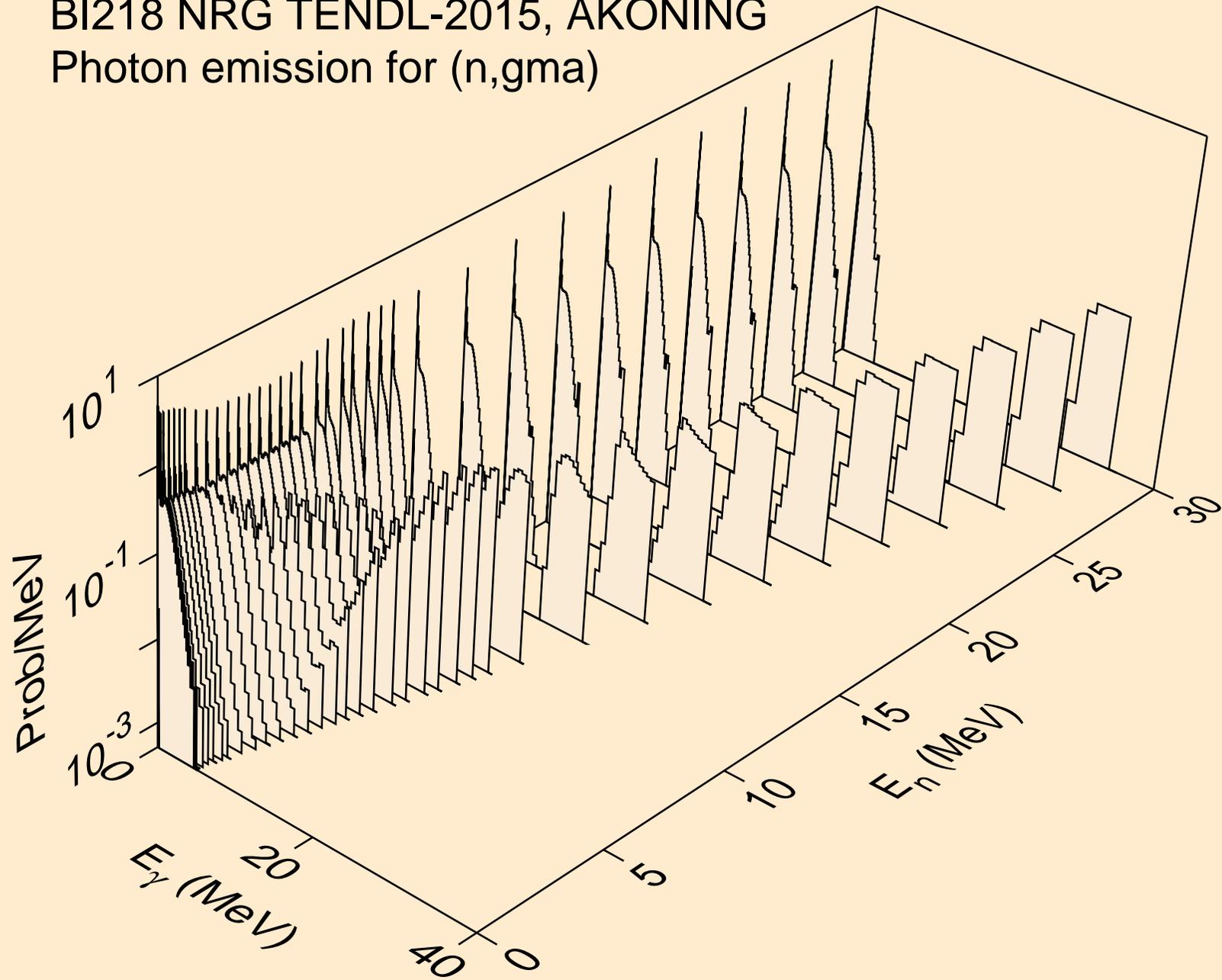
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Photon emission for (n,3np)



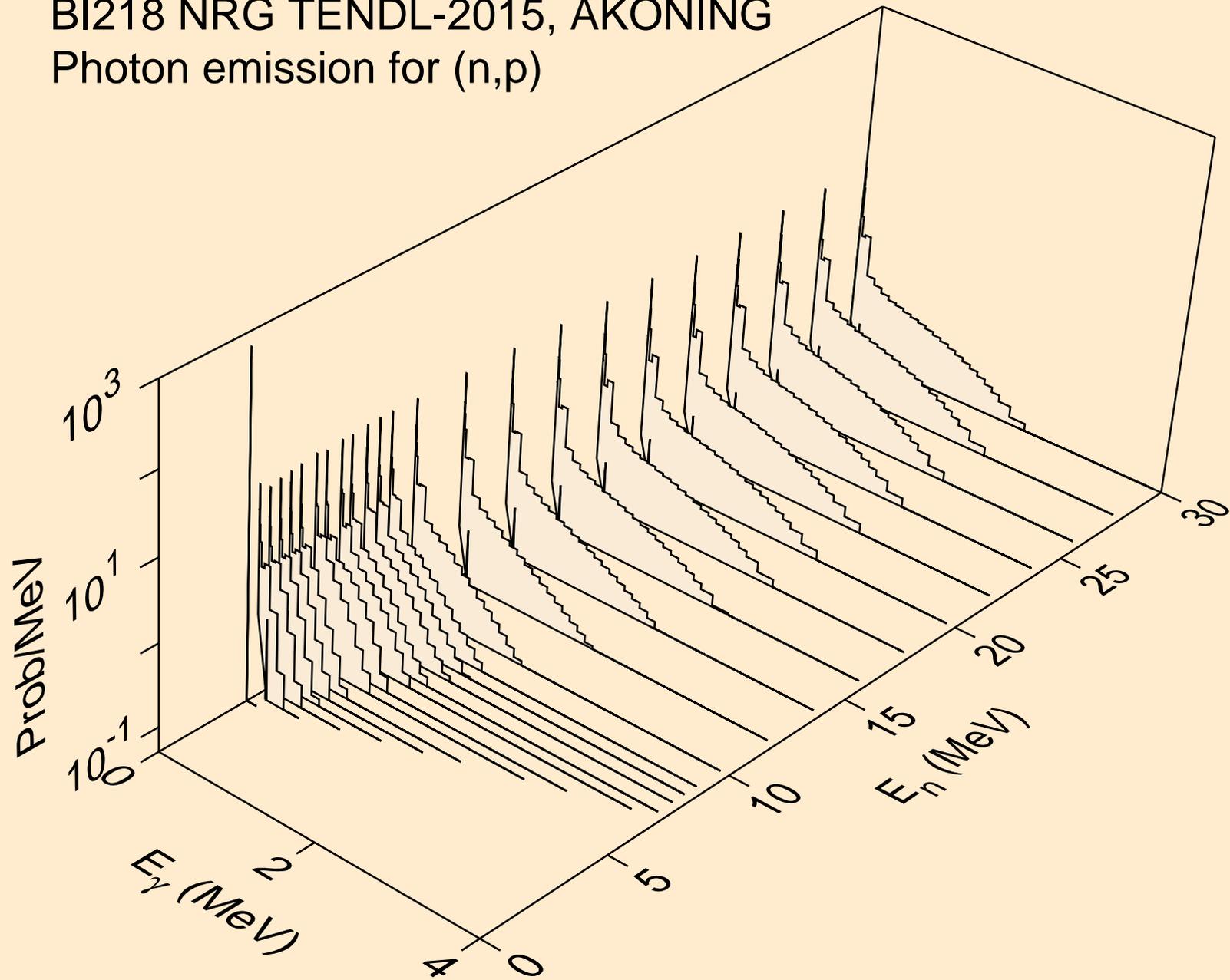
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Photon emission for (n,n\*c)



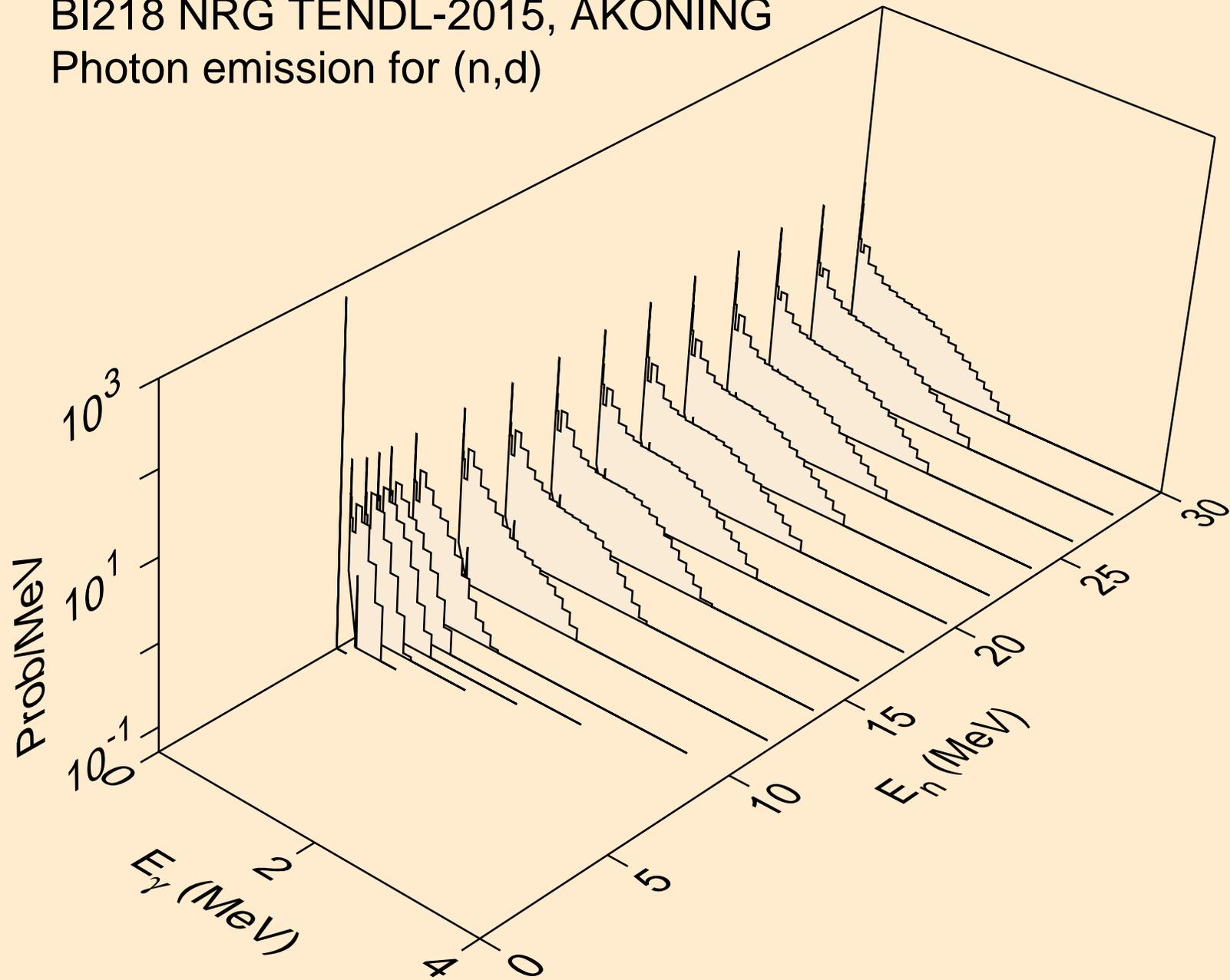
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Photon emission for (n,gma)



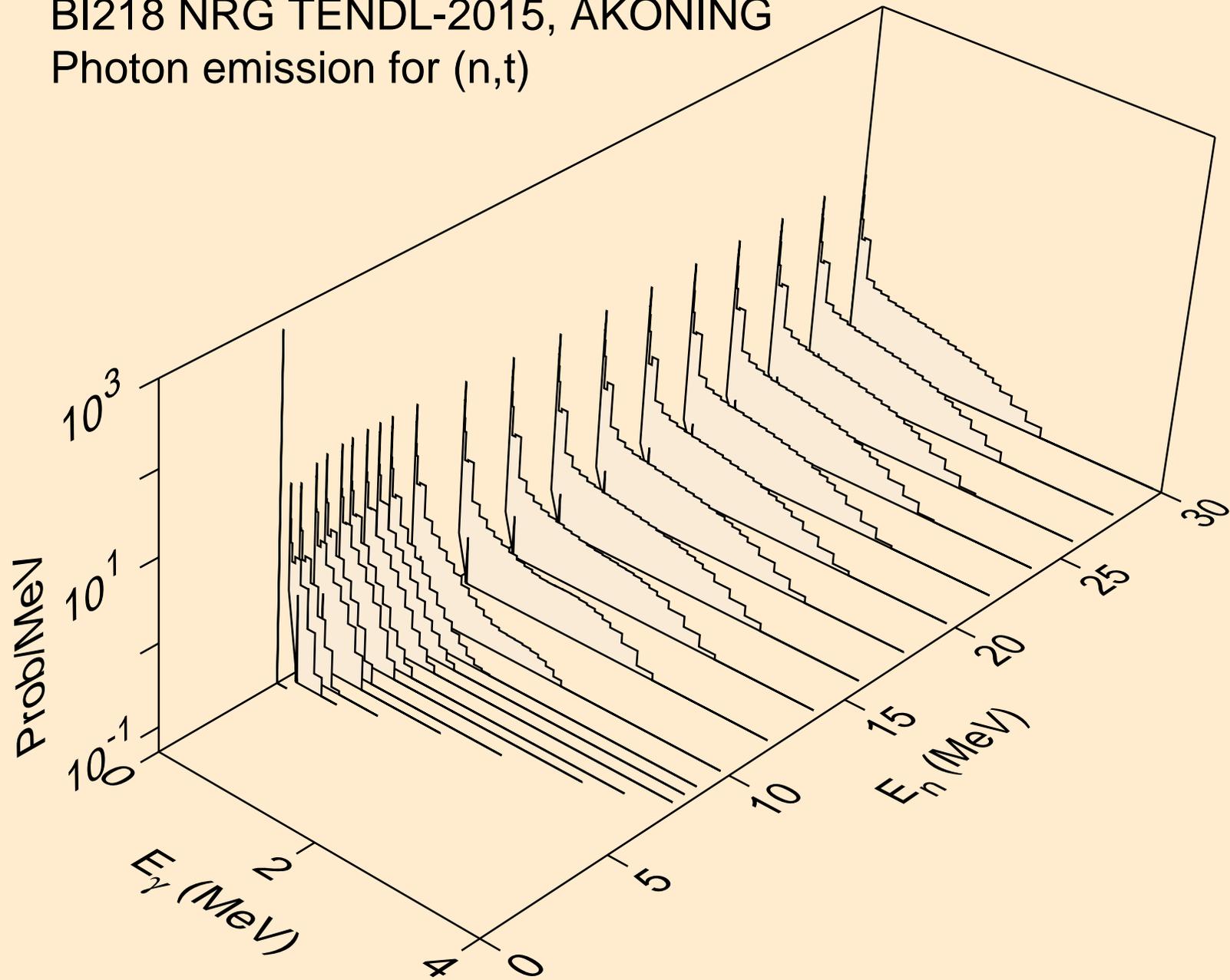
BI218 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



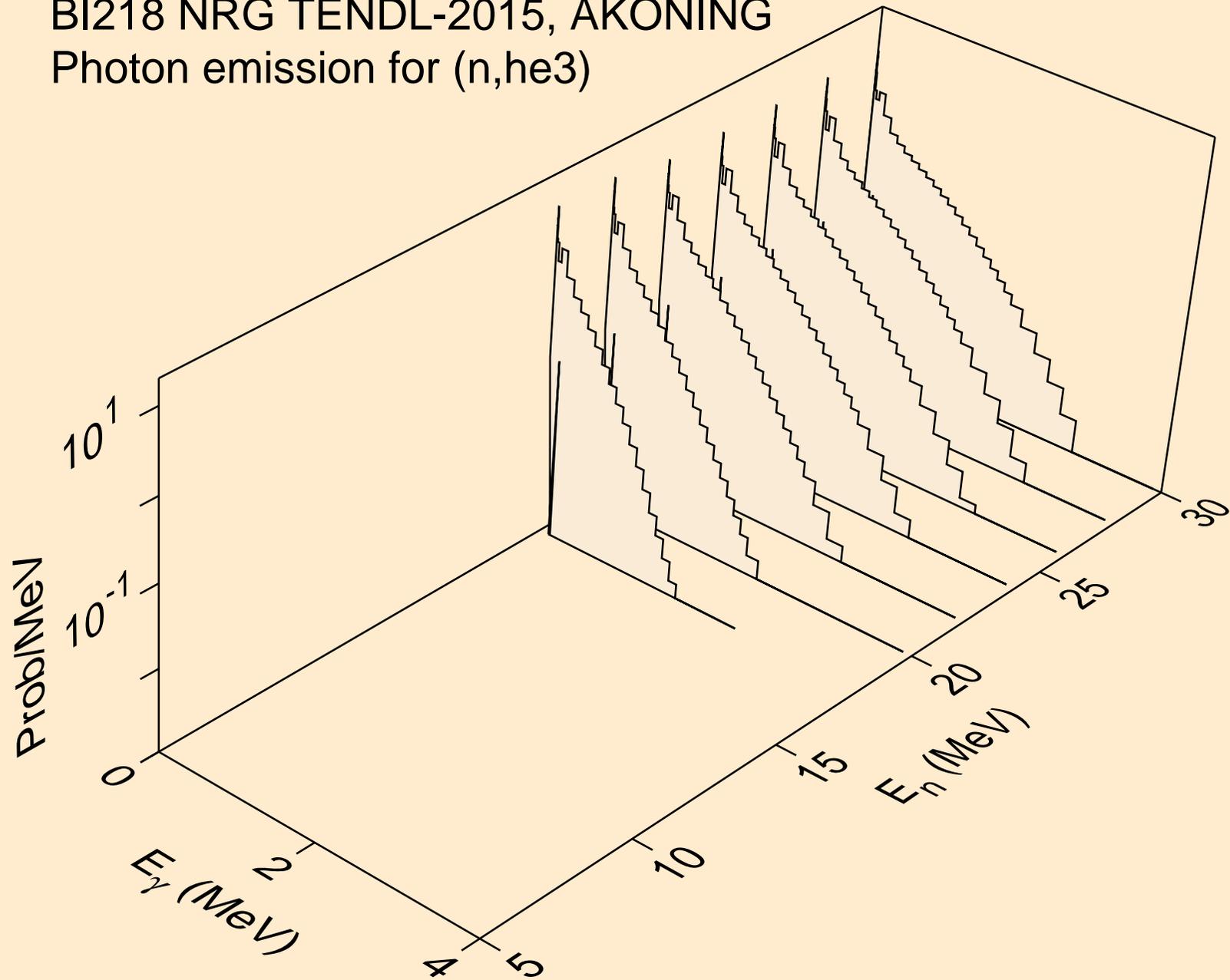
BI218 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



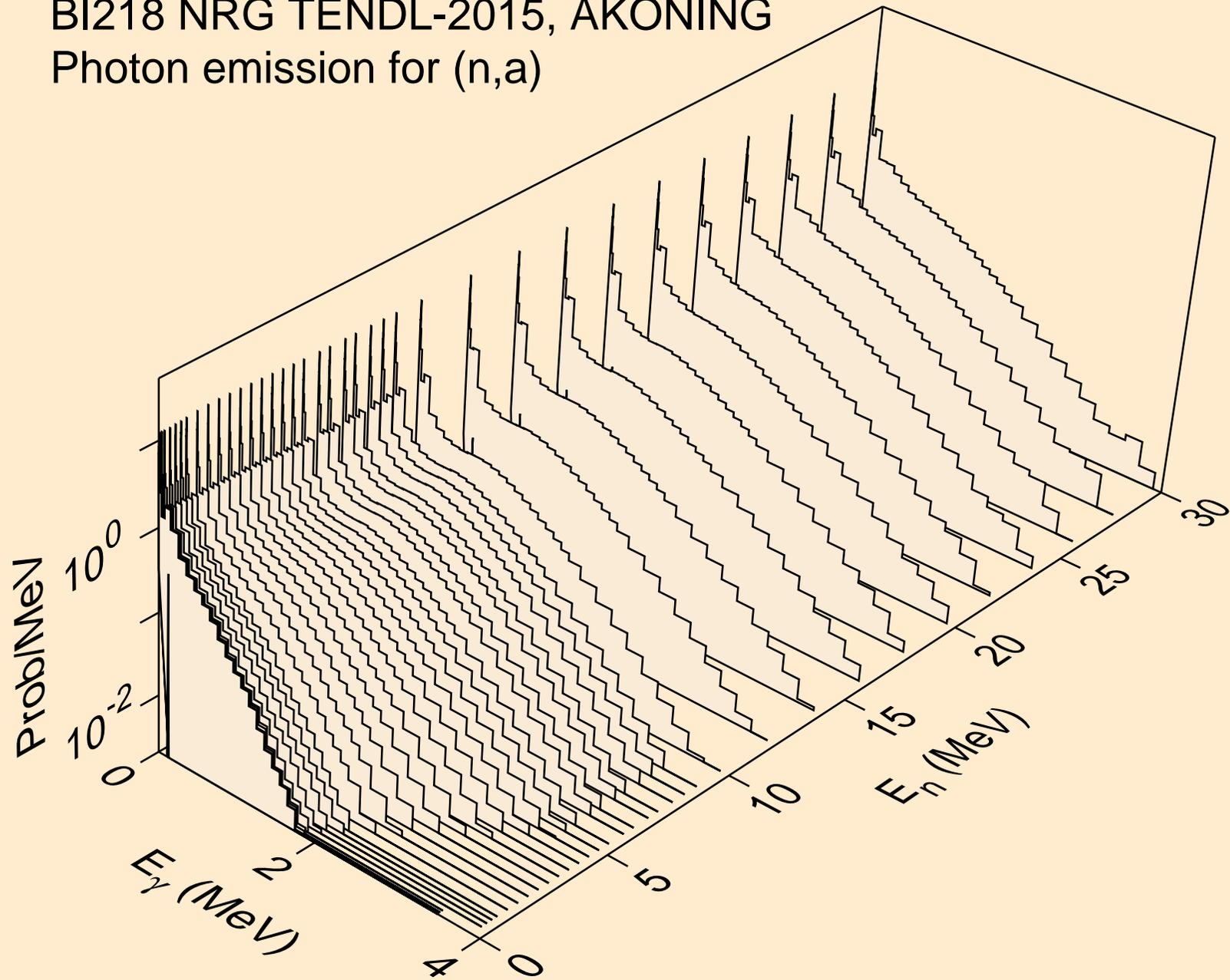
BI218 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



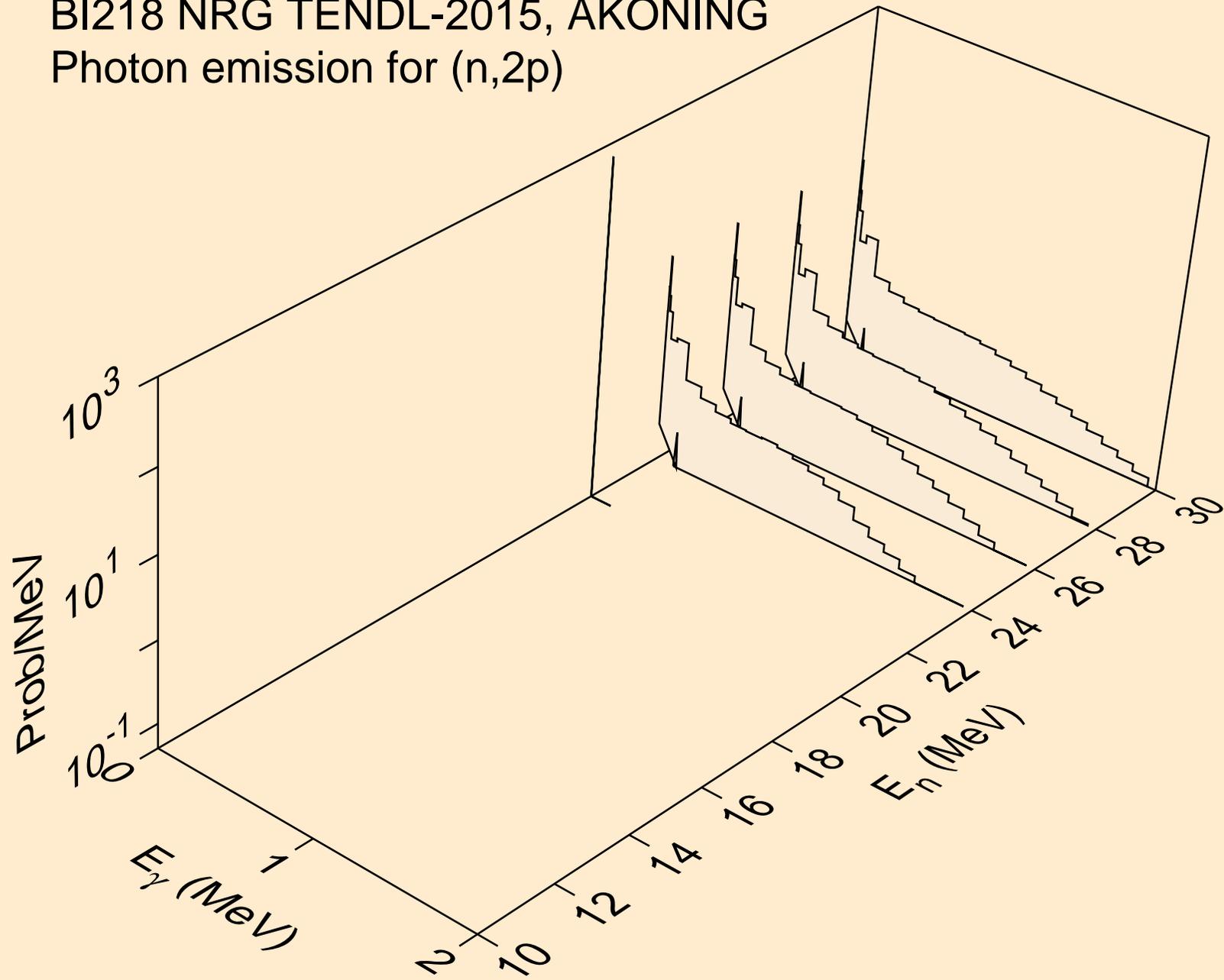
BI218 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



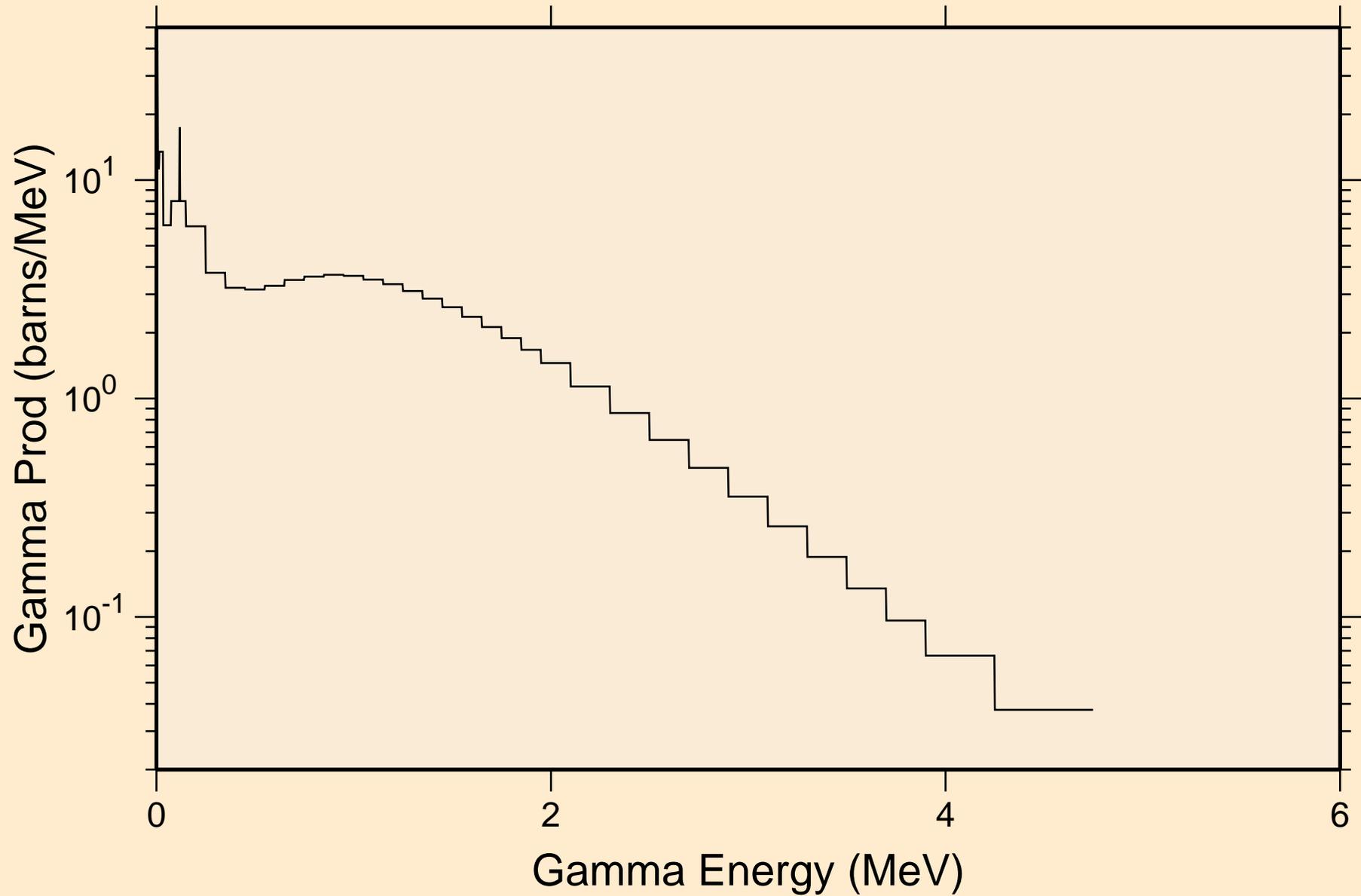
BI218 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



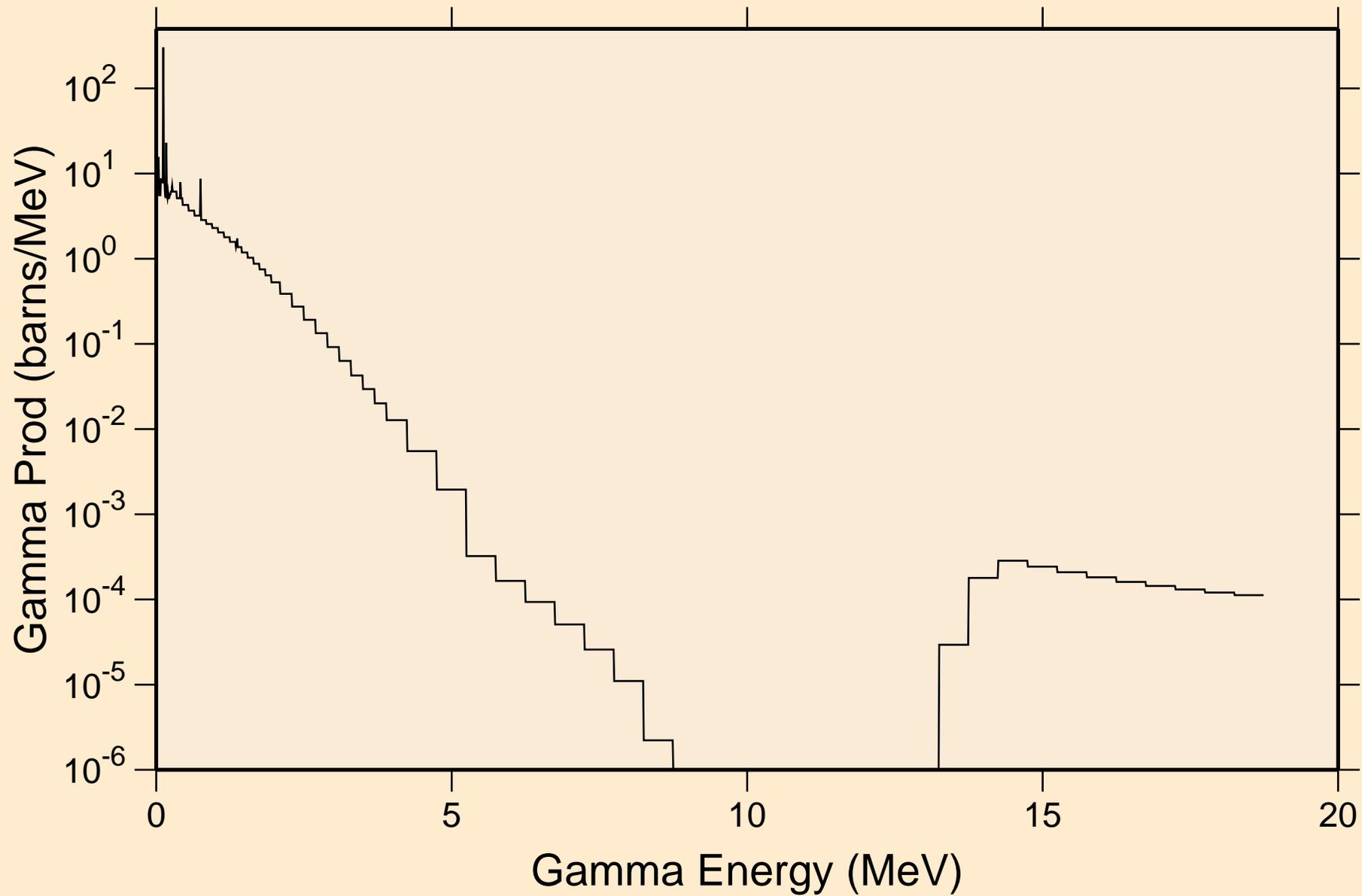
BI218 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



BI218 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

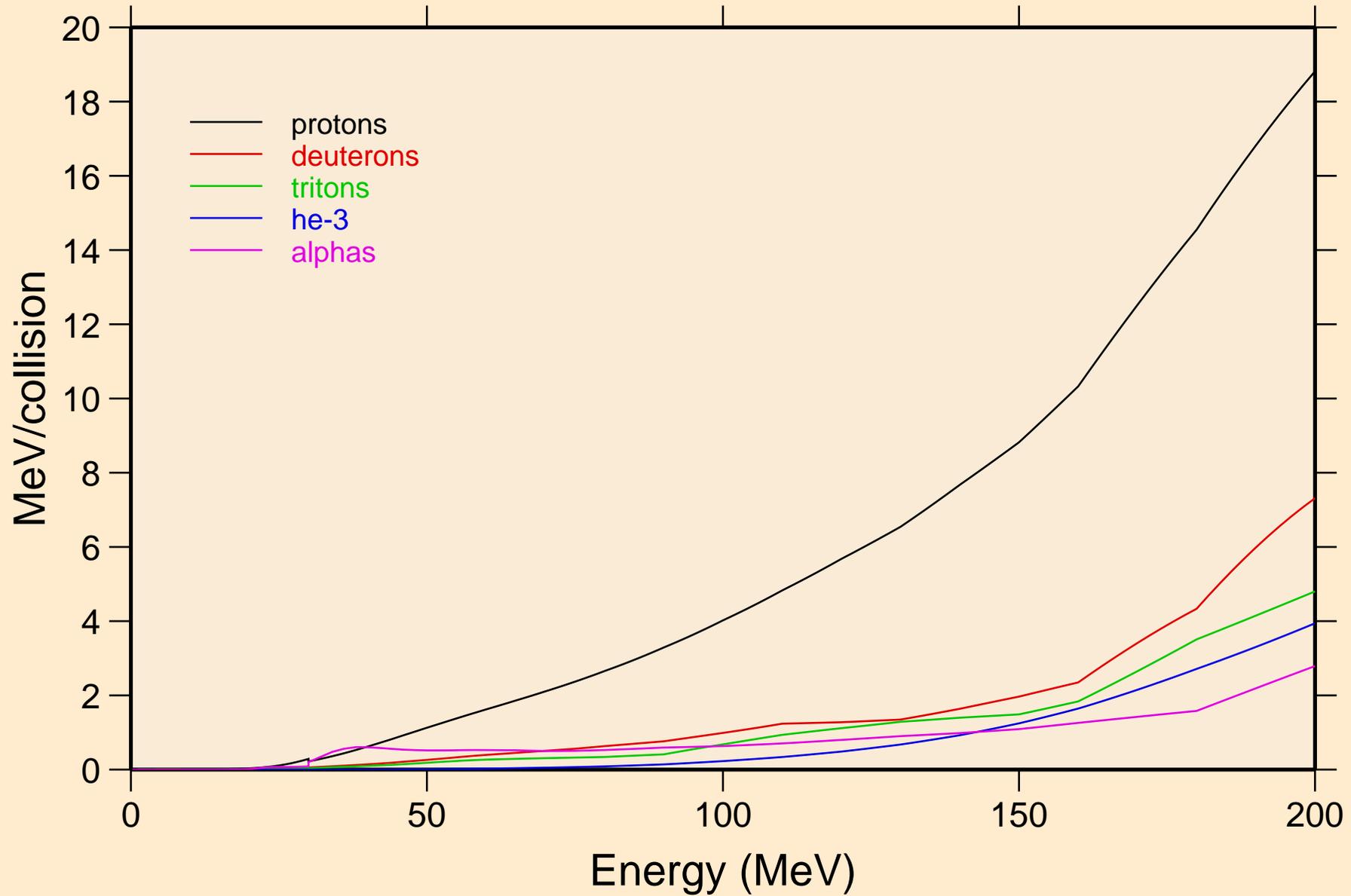


BI218 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



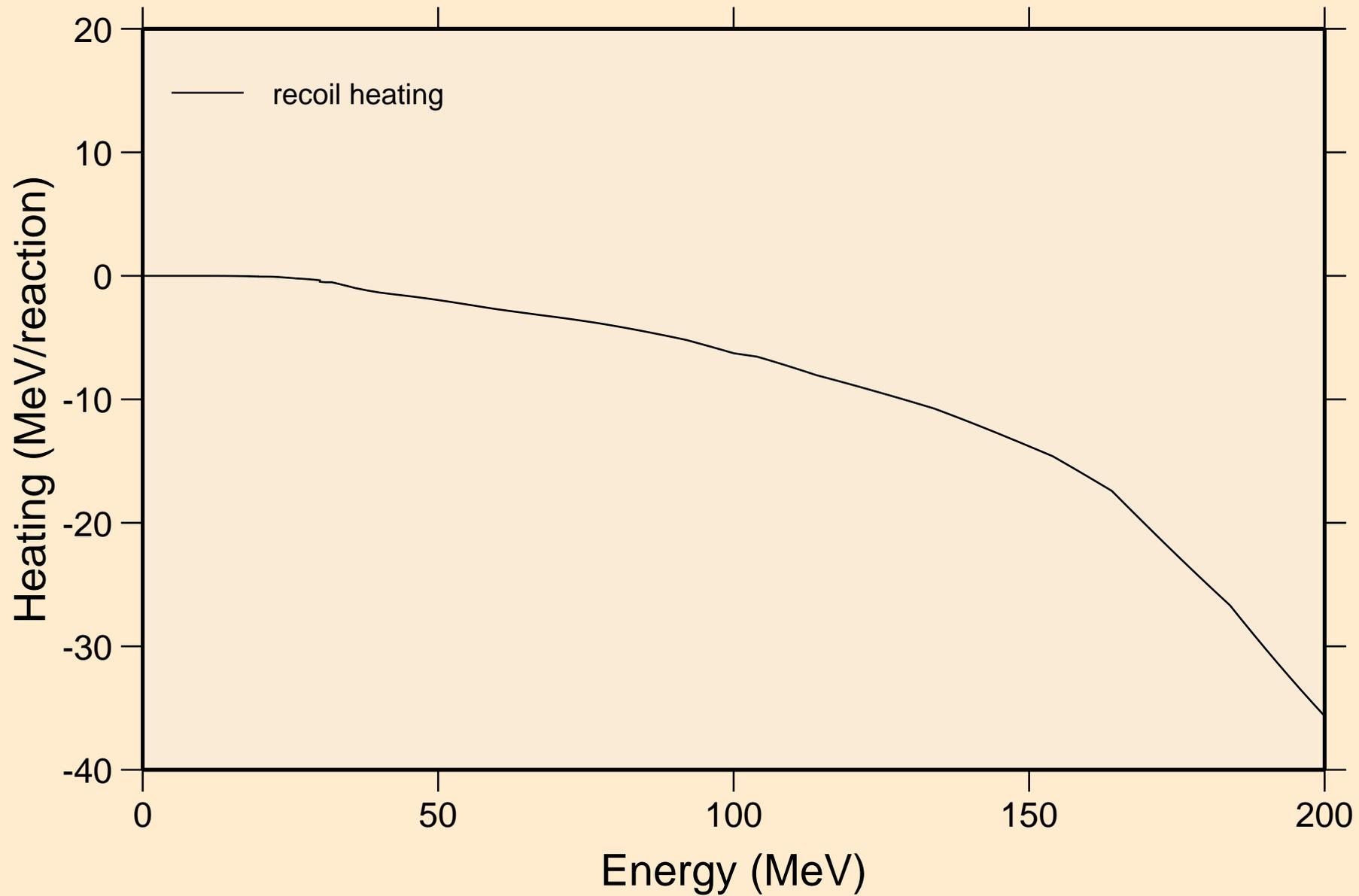
# BI218 NRG TENDL-2015, AKONING

## Particle heating contributions



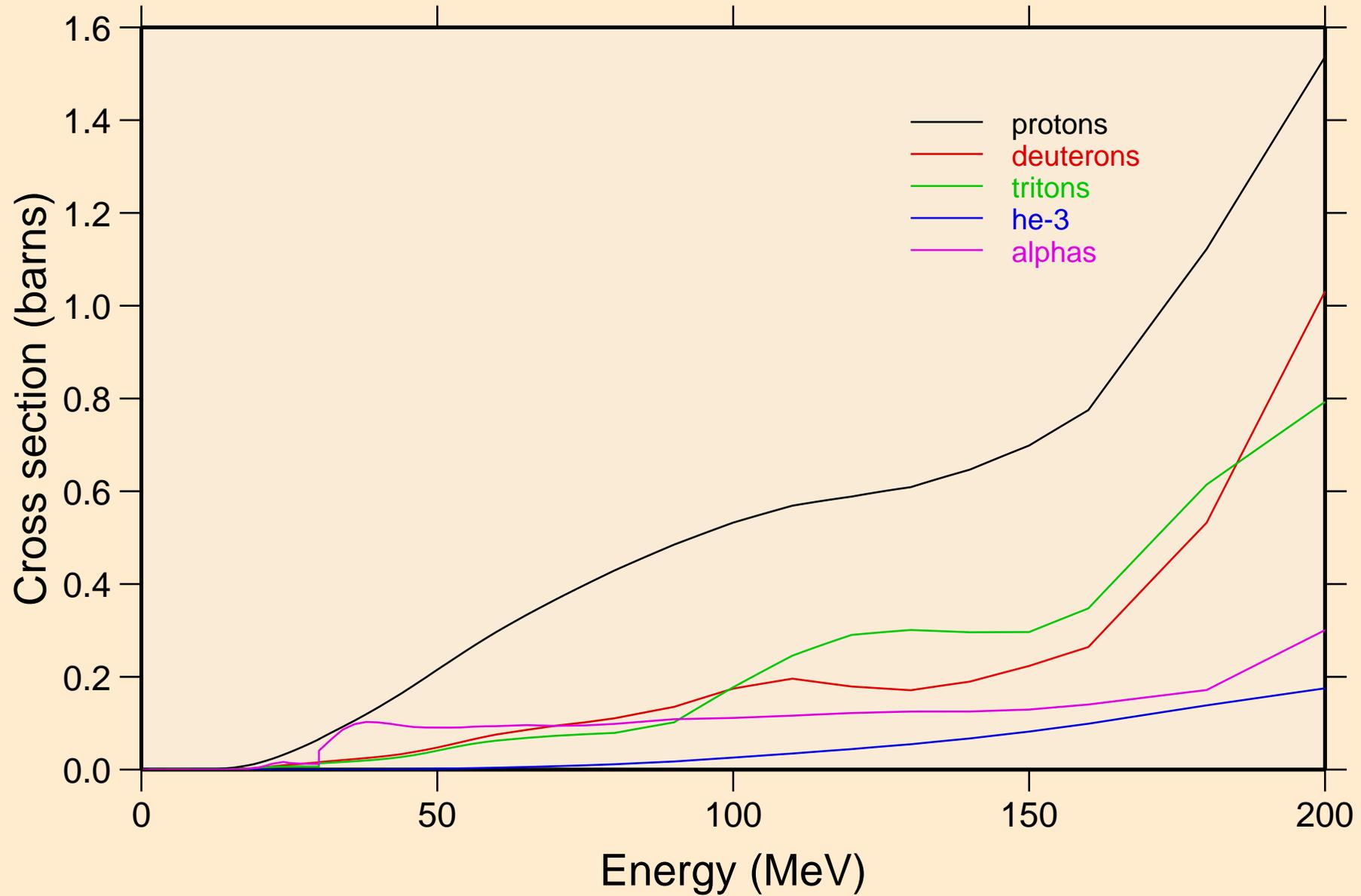
# BI218 NRG TENDL-2015, AKONING

## Recoil Heating

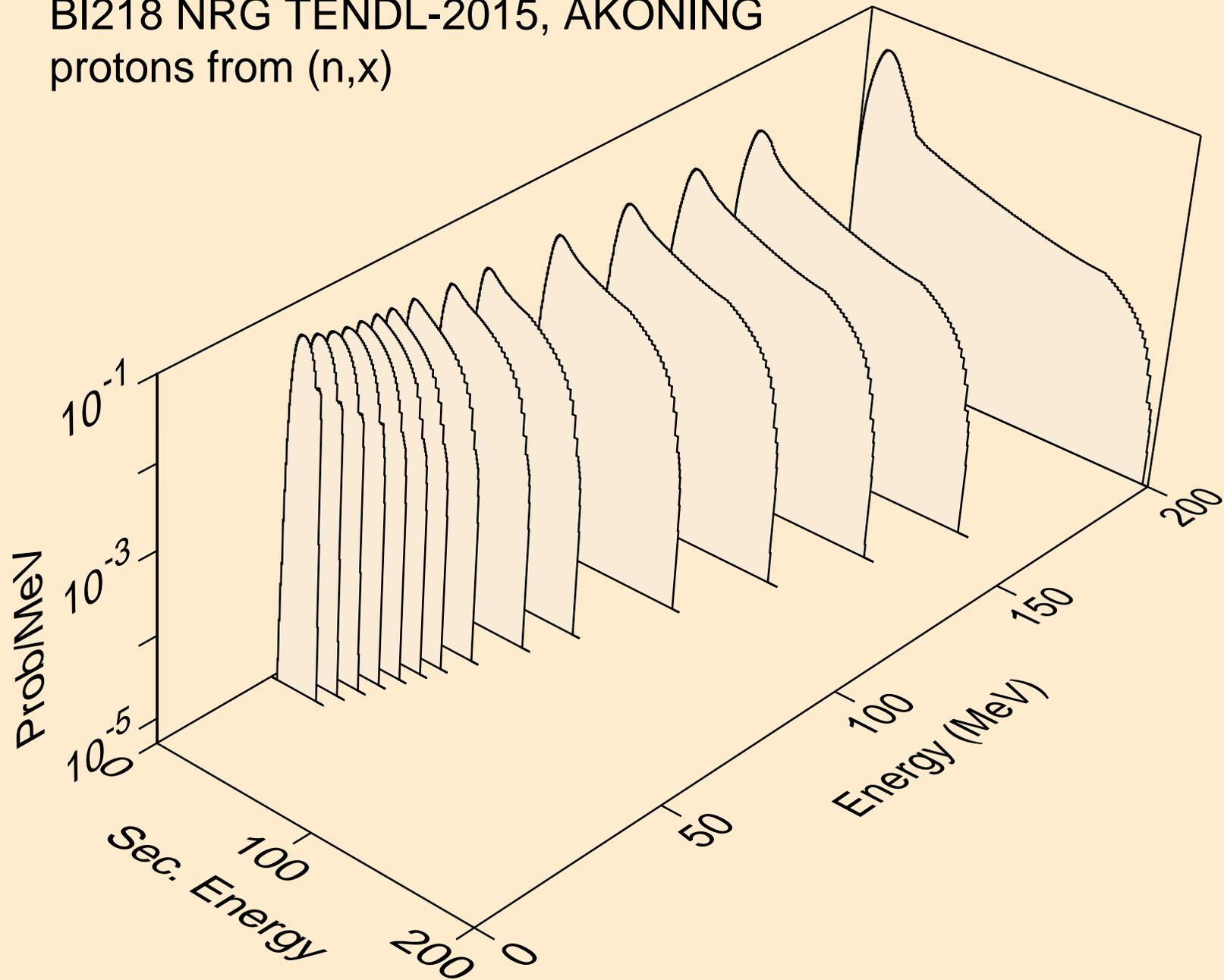


# BI218 NRG TENDL-2015, AKONING

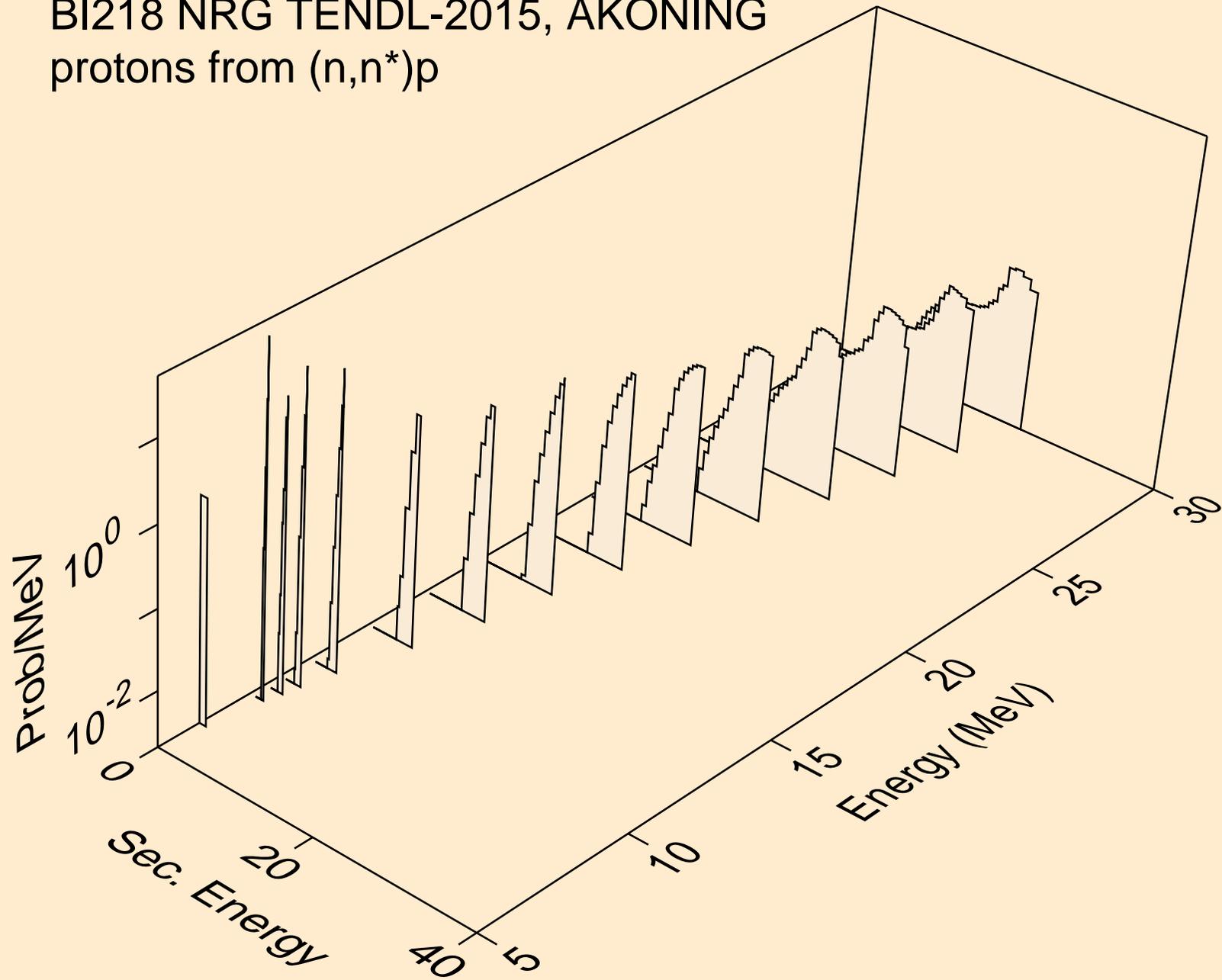
## Particle production cross sections



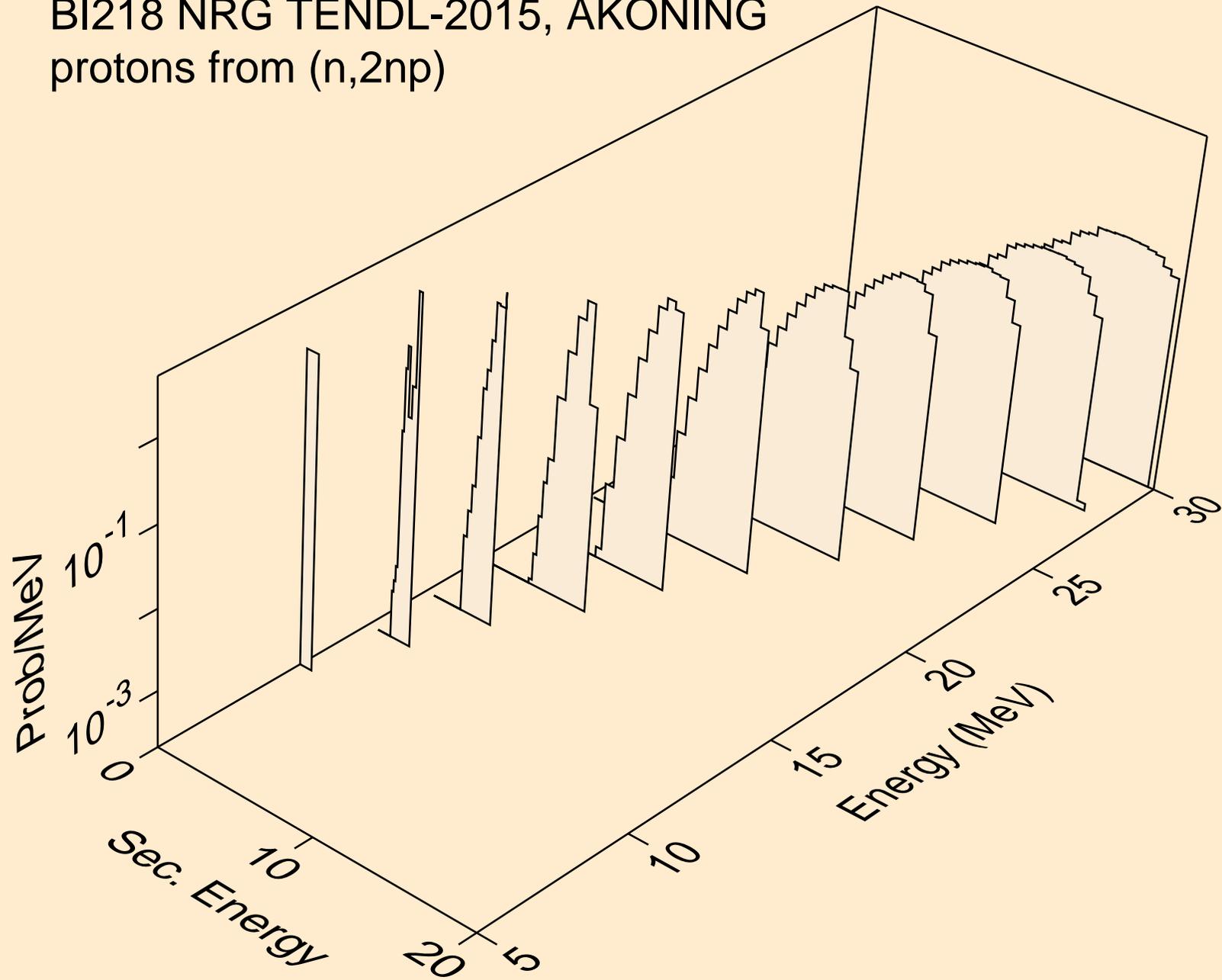
BI218 NRG TENDL-2015, AKONING  
protons from (n,x)



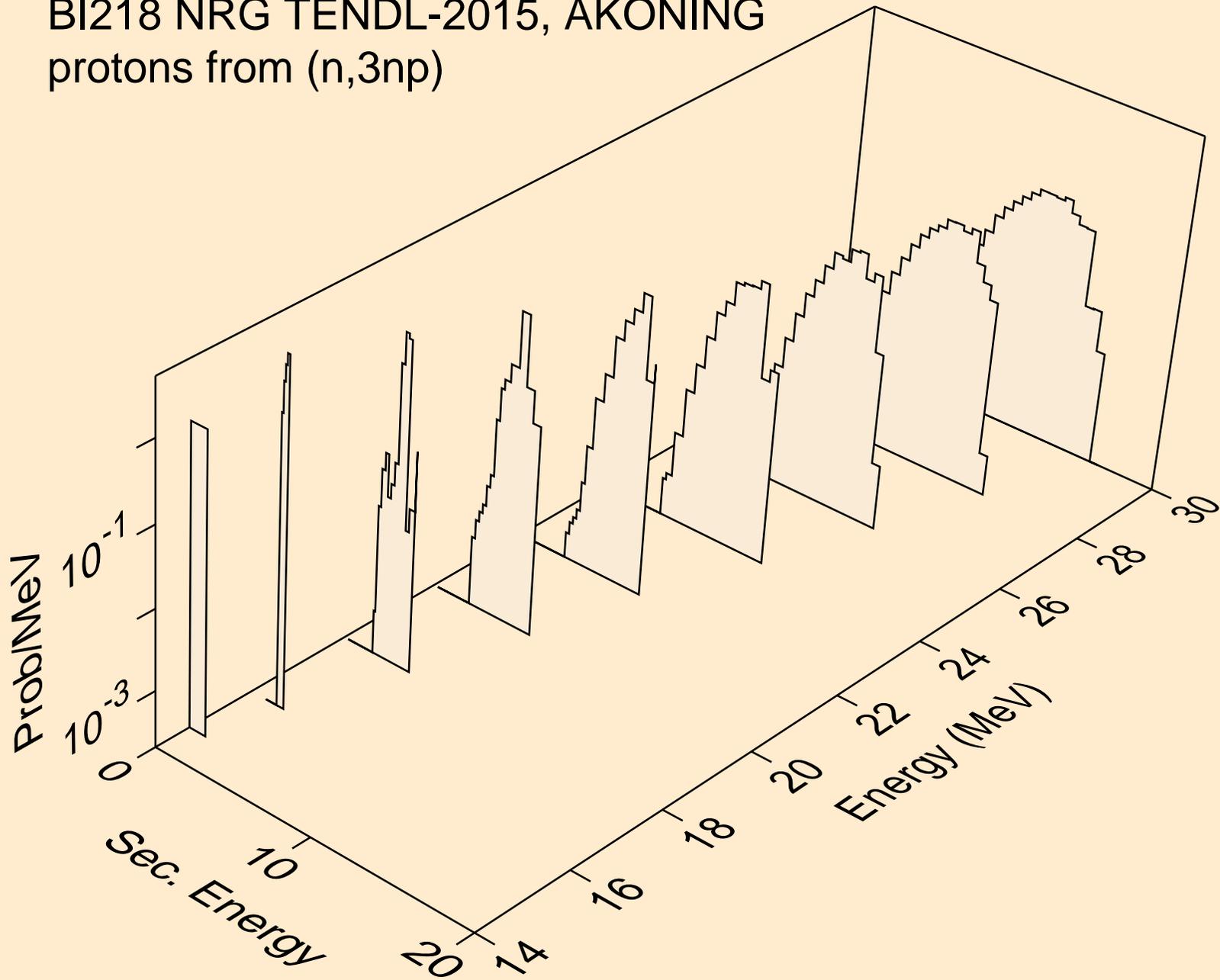
BI218 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



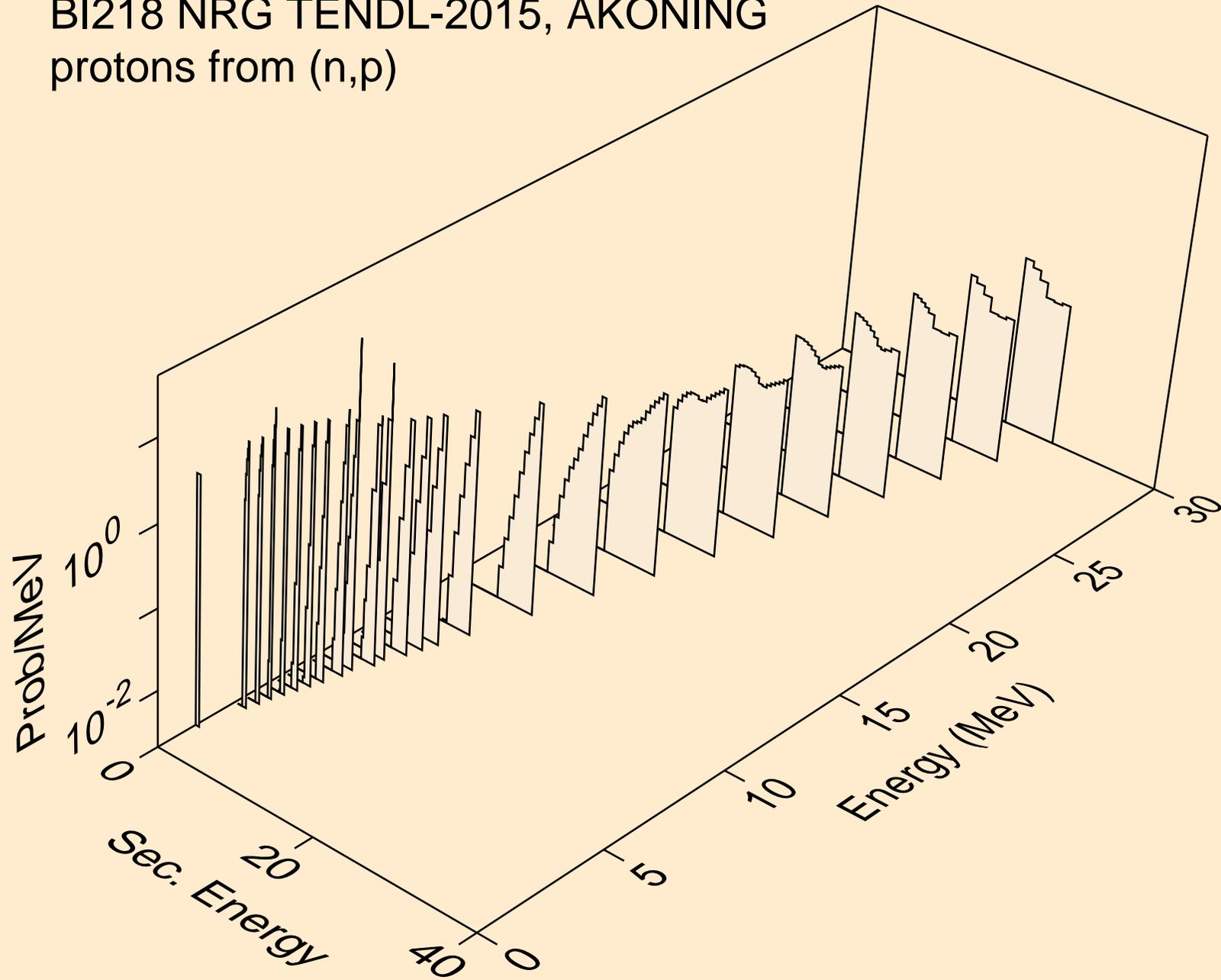
BI218 NRG TENDL-2015, AKONING  
protons from (n,2np)



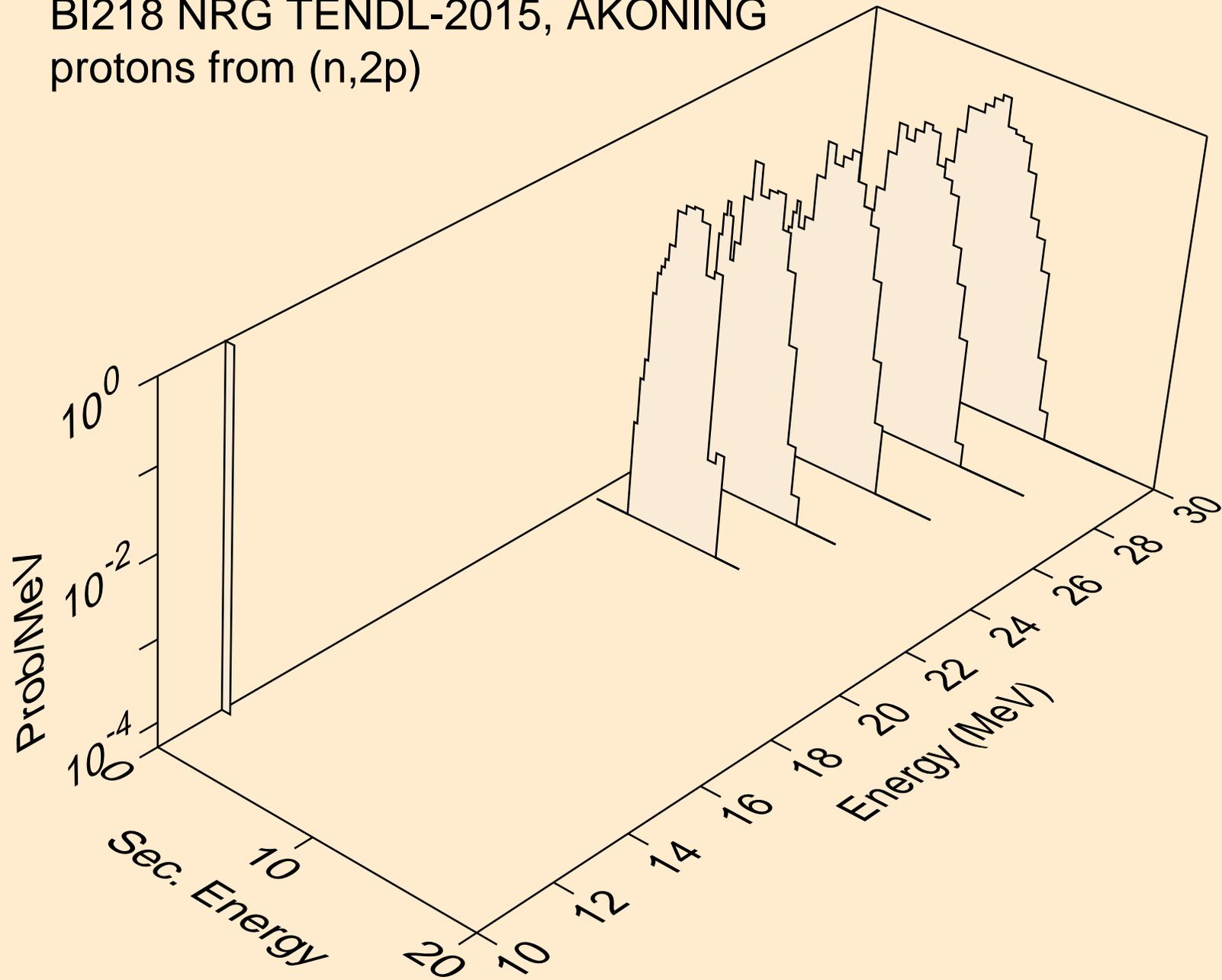
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protons from (n,3np)



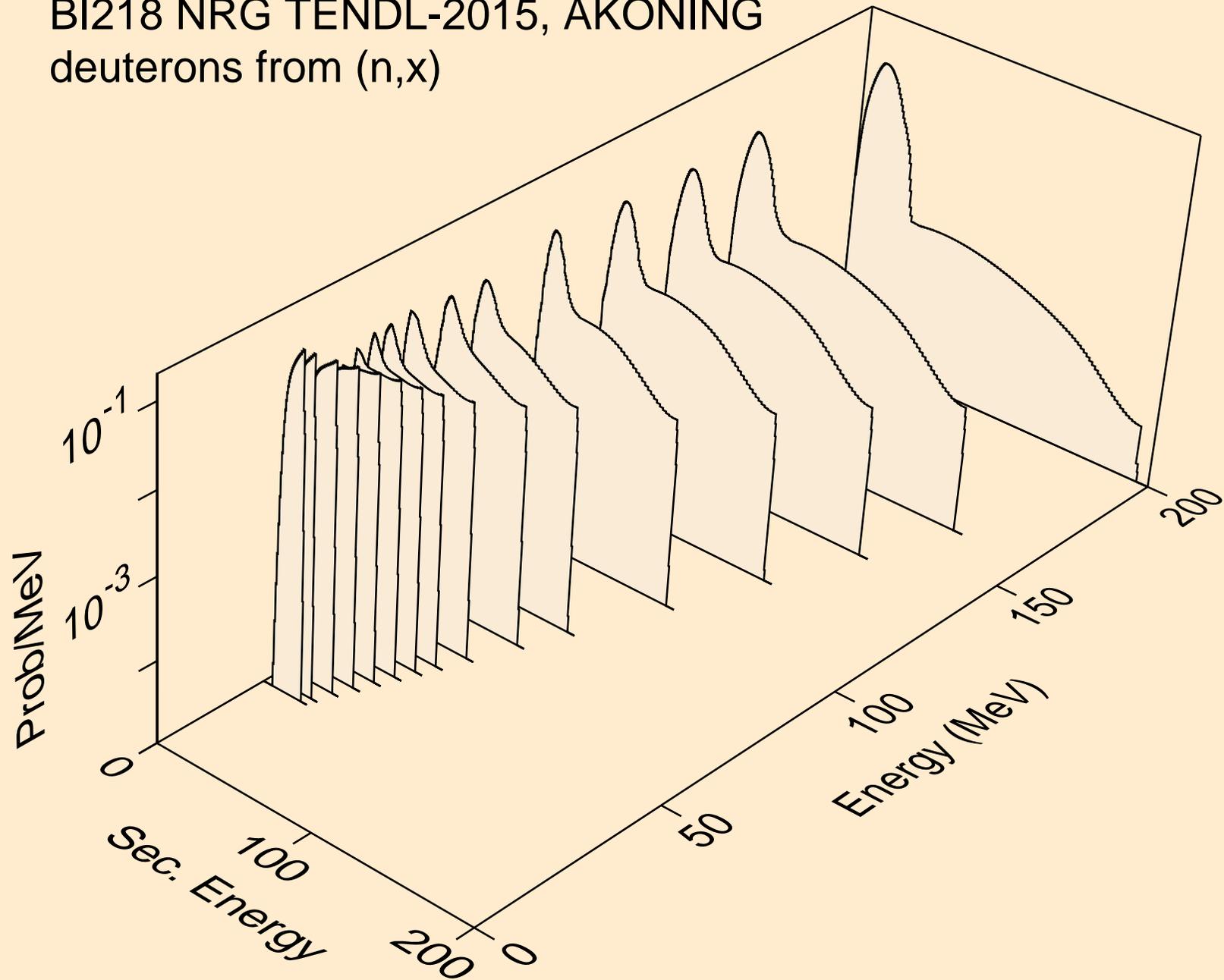
BI218 NRG TENDL-2015, AKONING  
protons from (n,p)



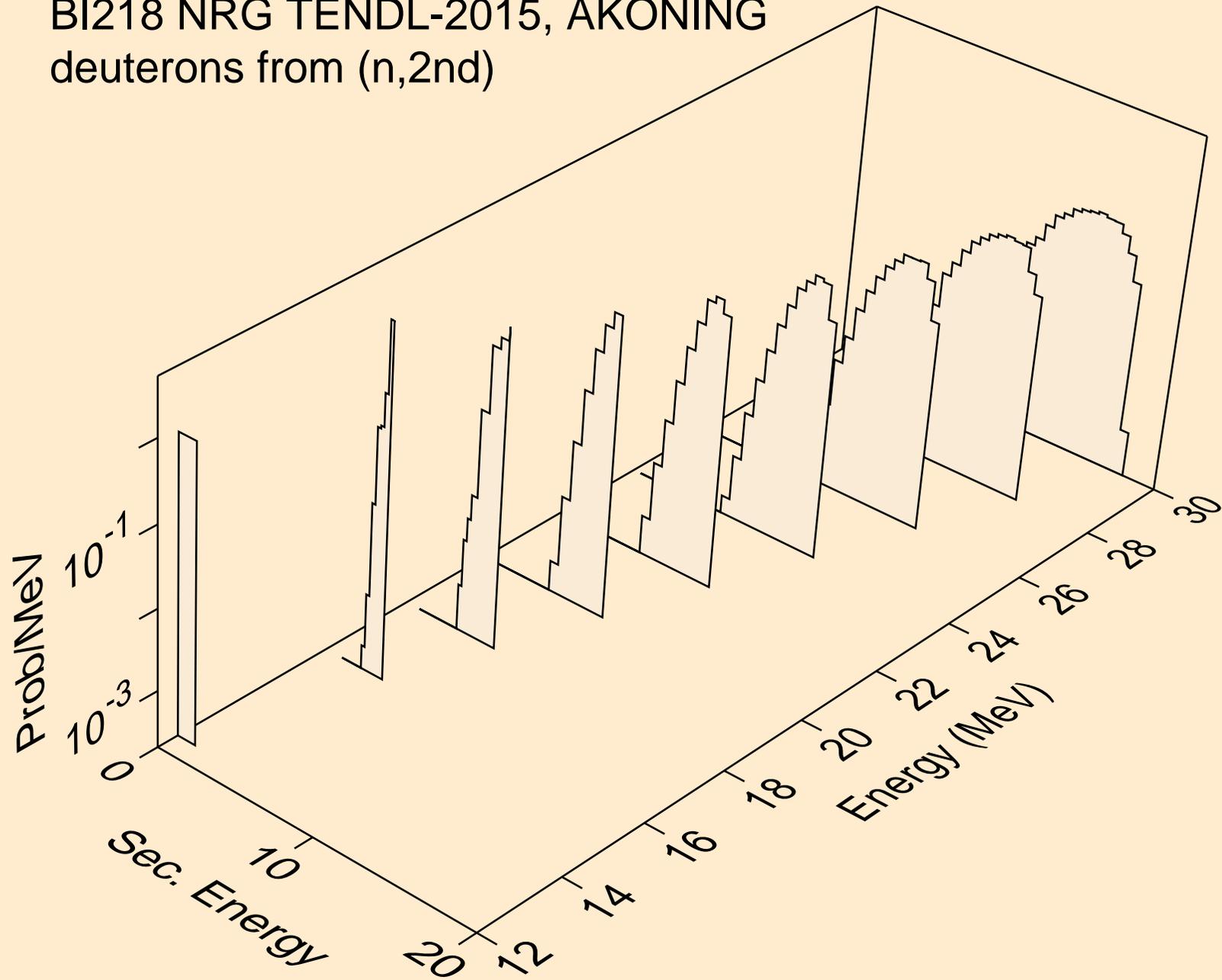
BI218 NRG TENDL-2015, AKONING  
protons from (n,2p)



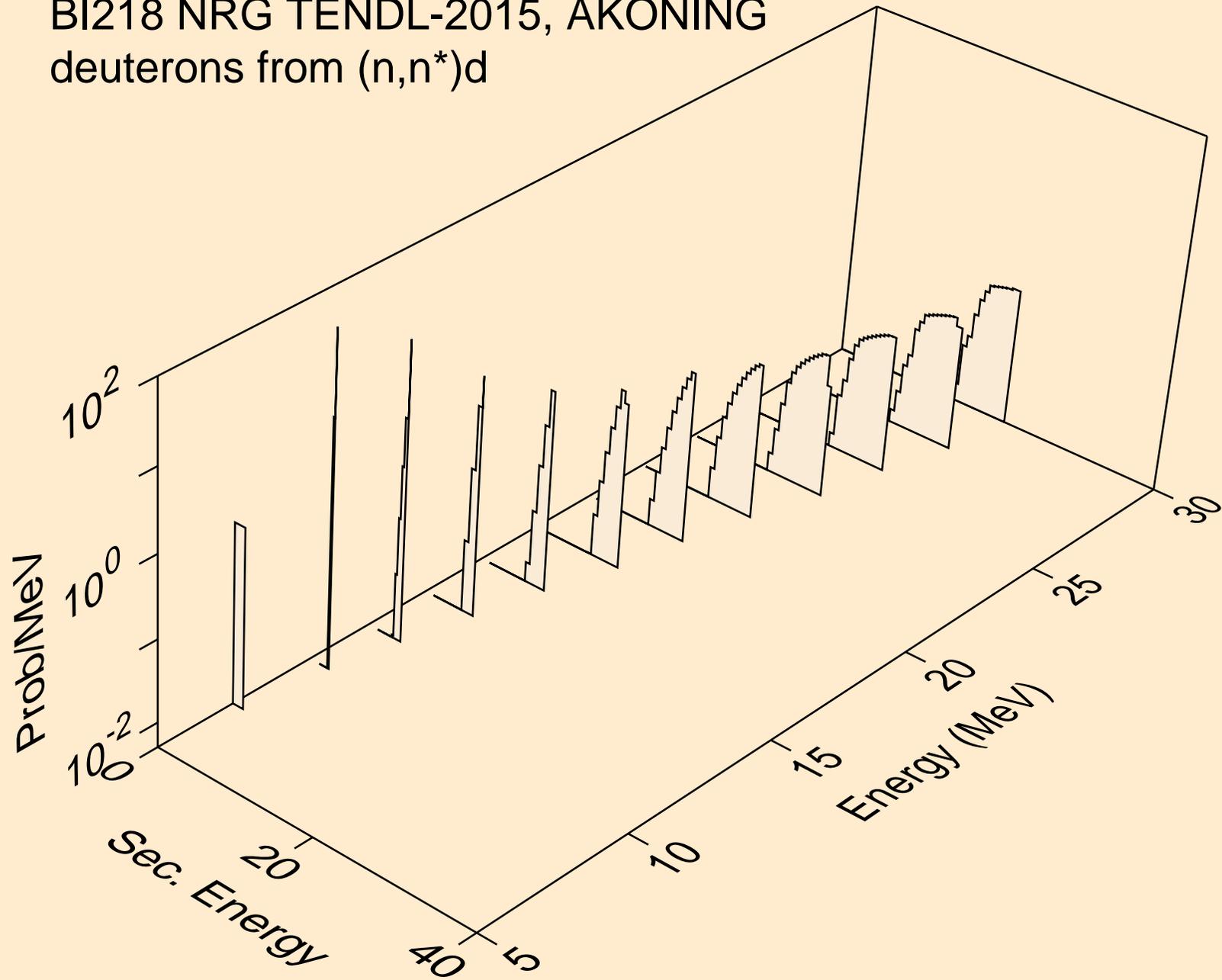
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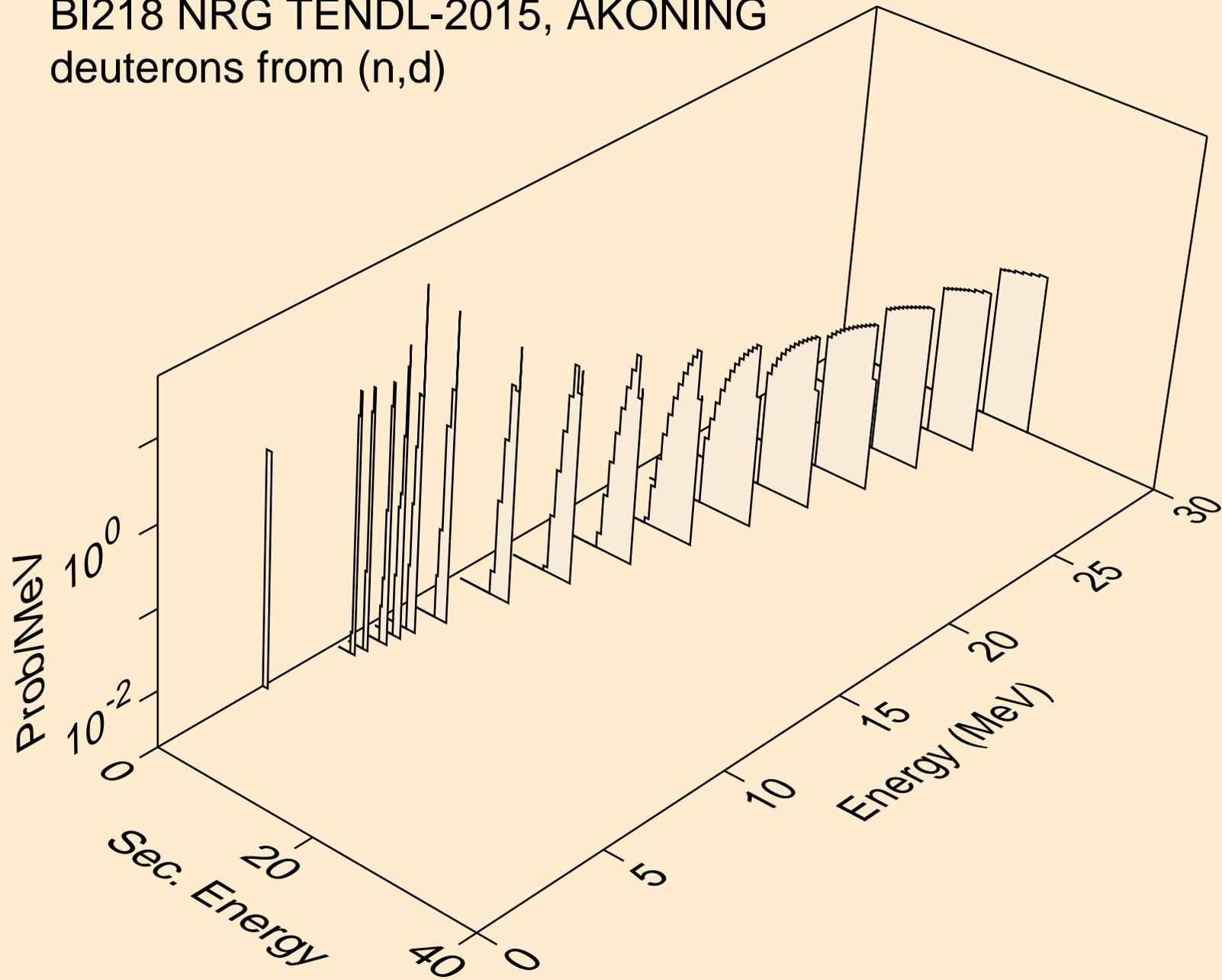
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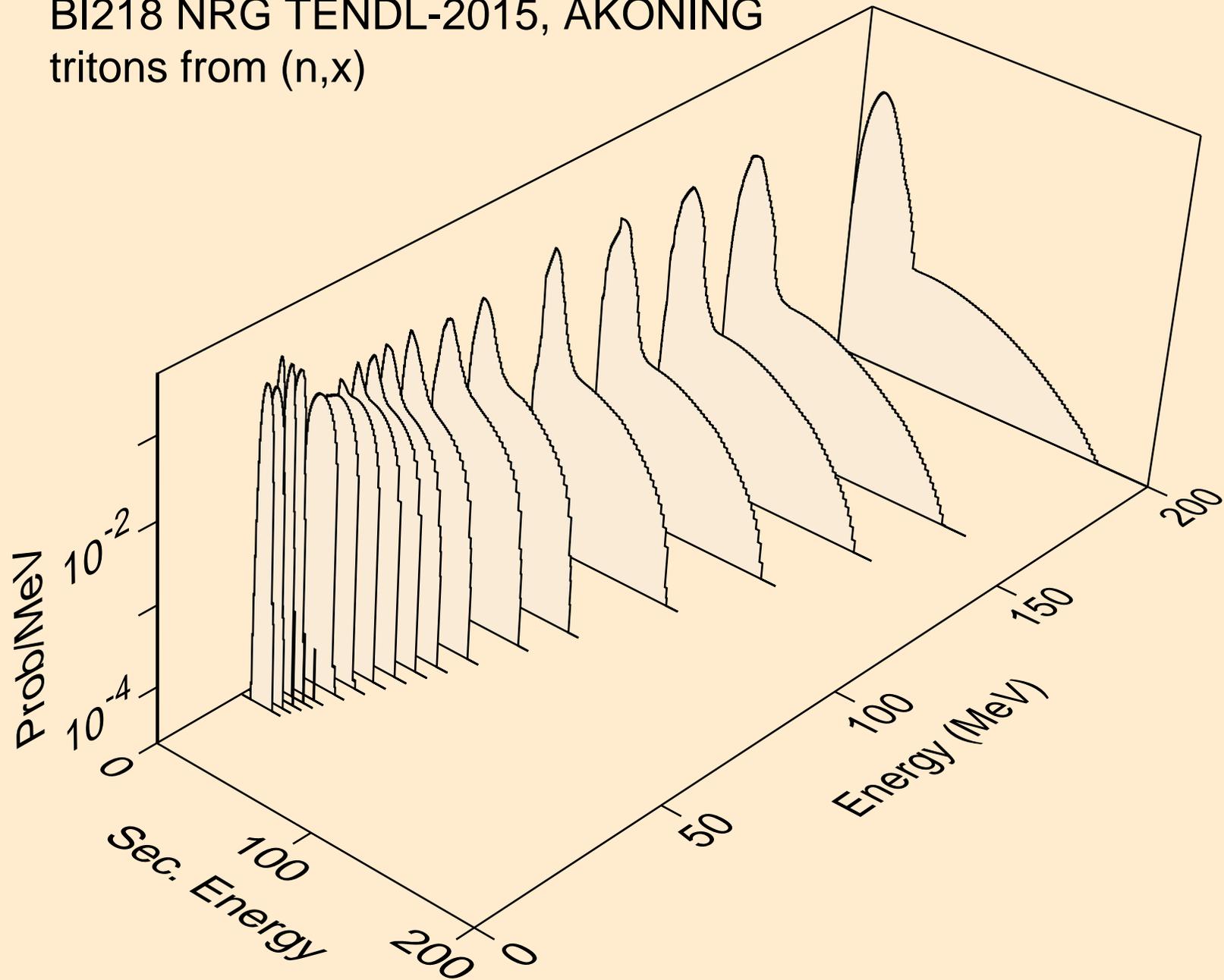
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deuterons from (n,n\*)d



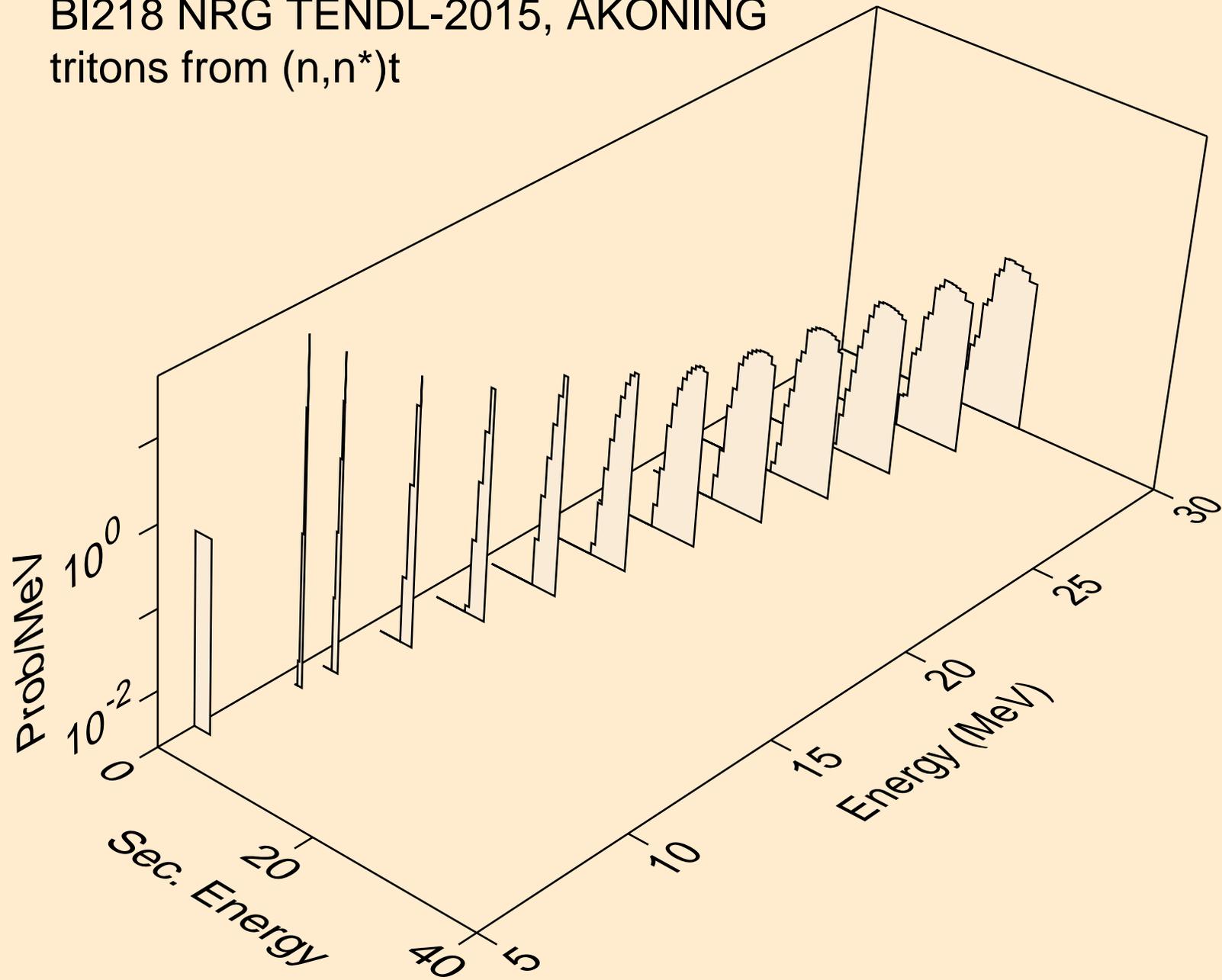
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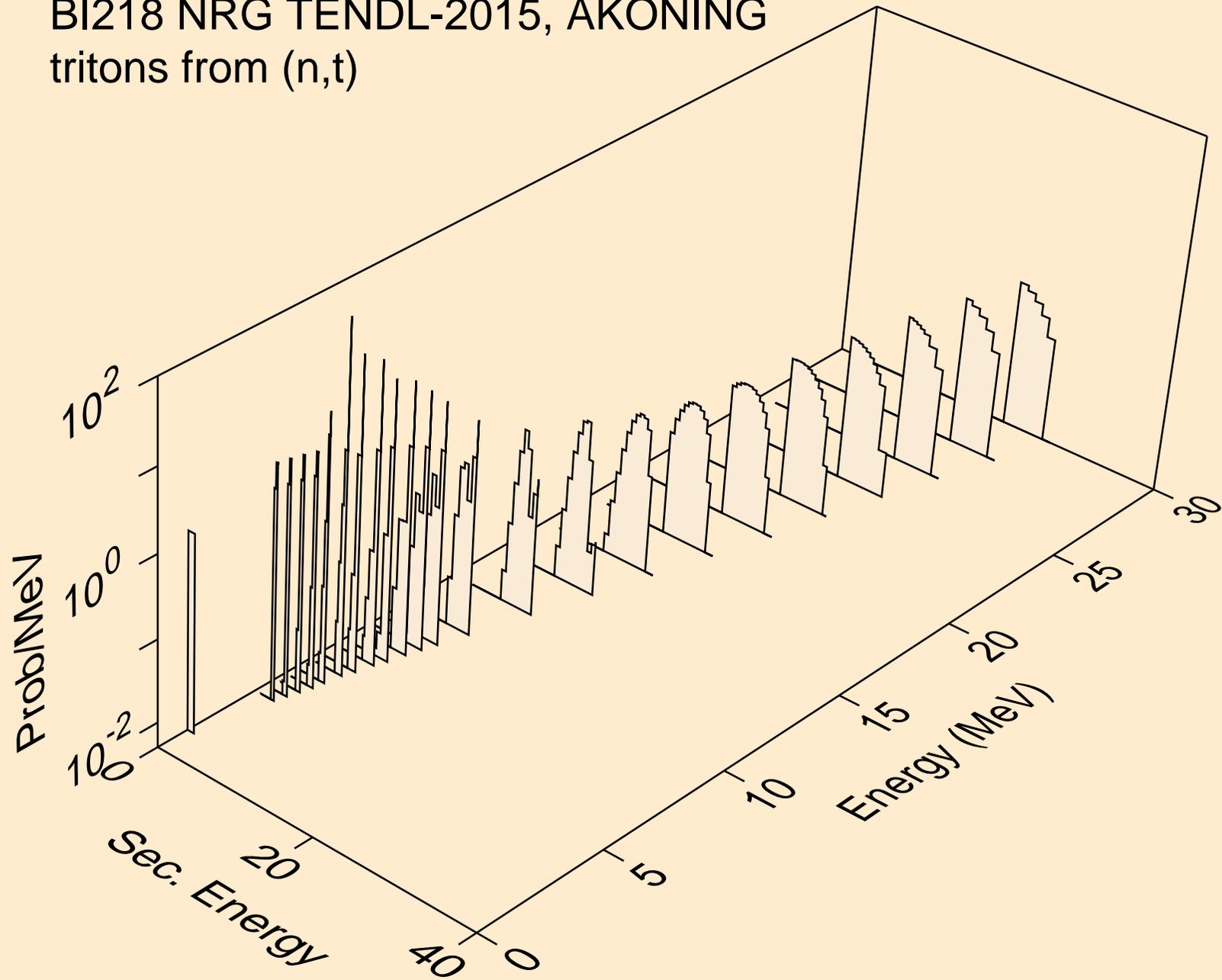
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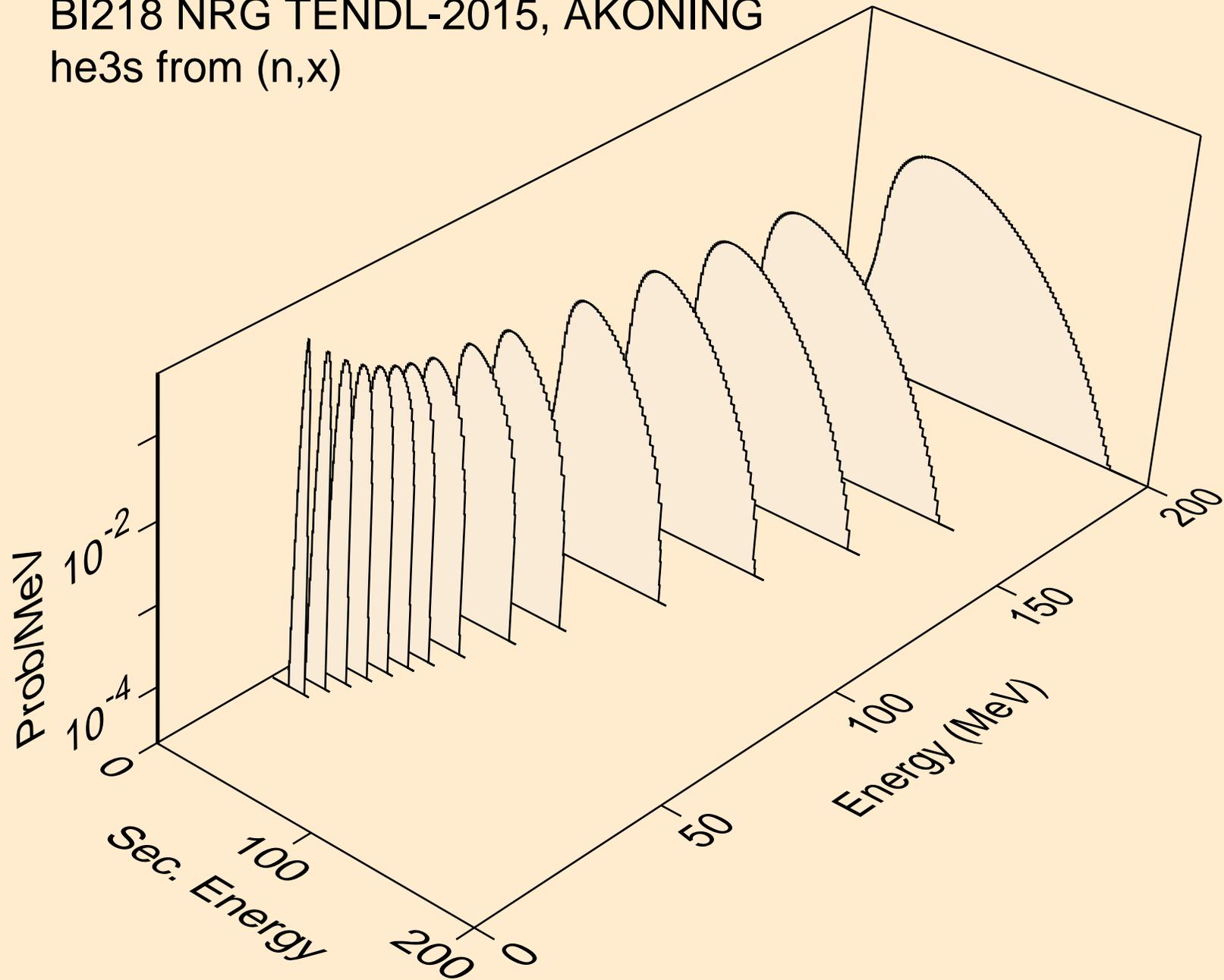
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tritons from (n,n\*)t



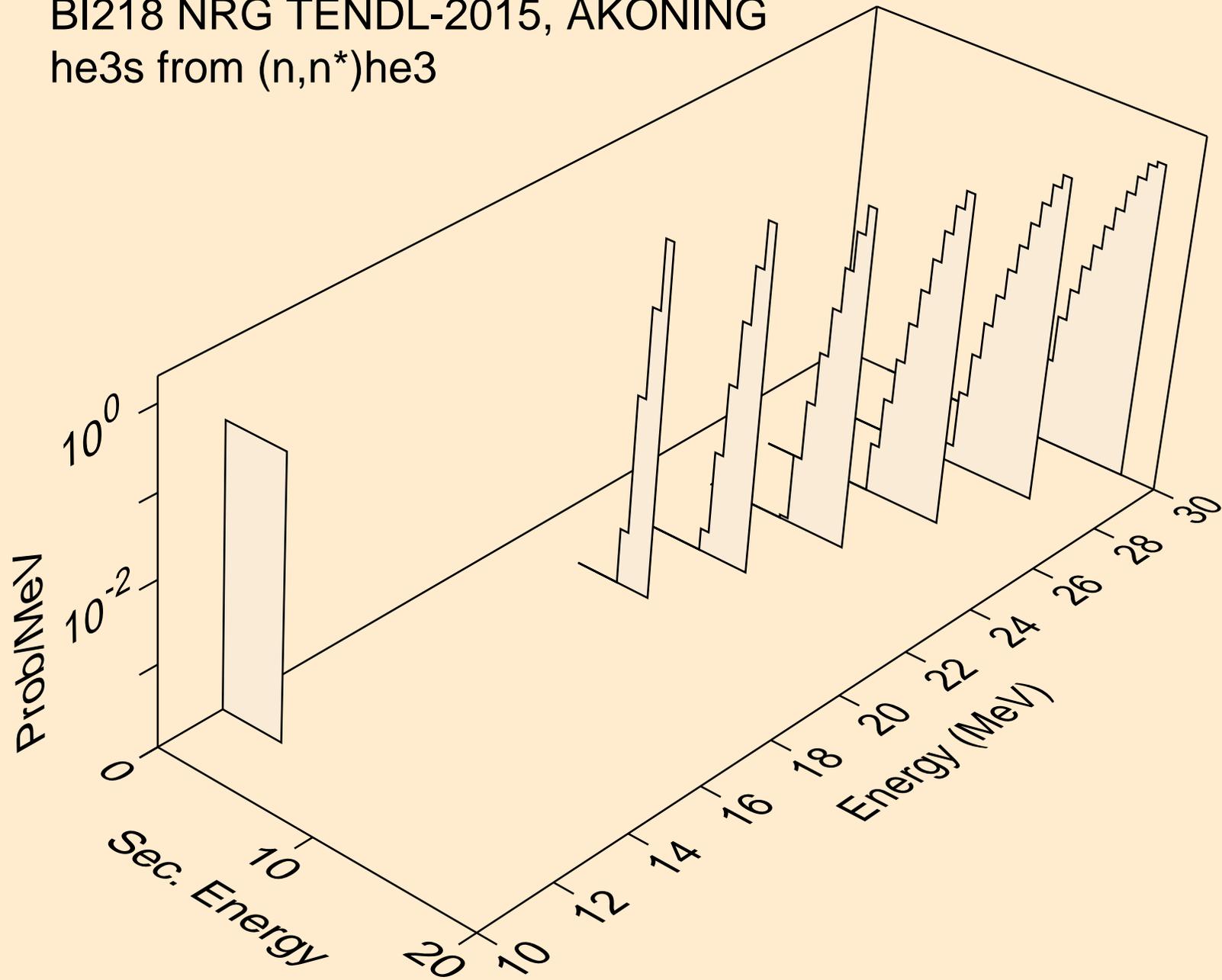
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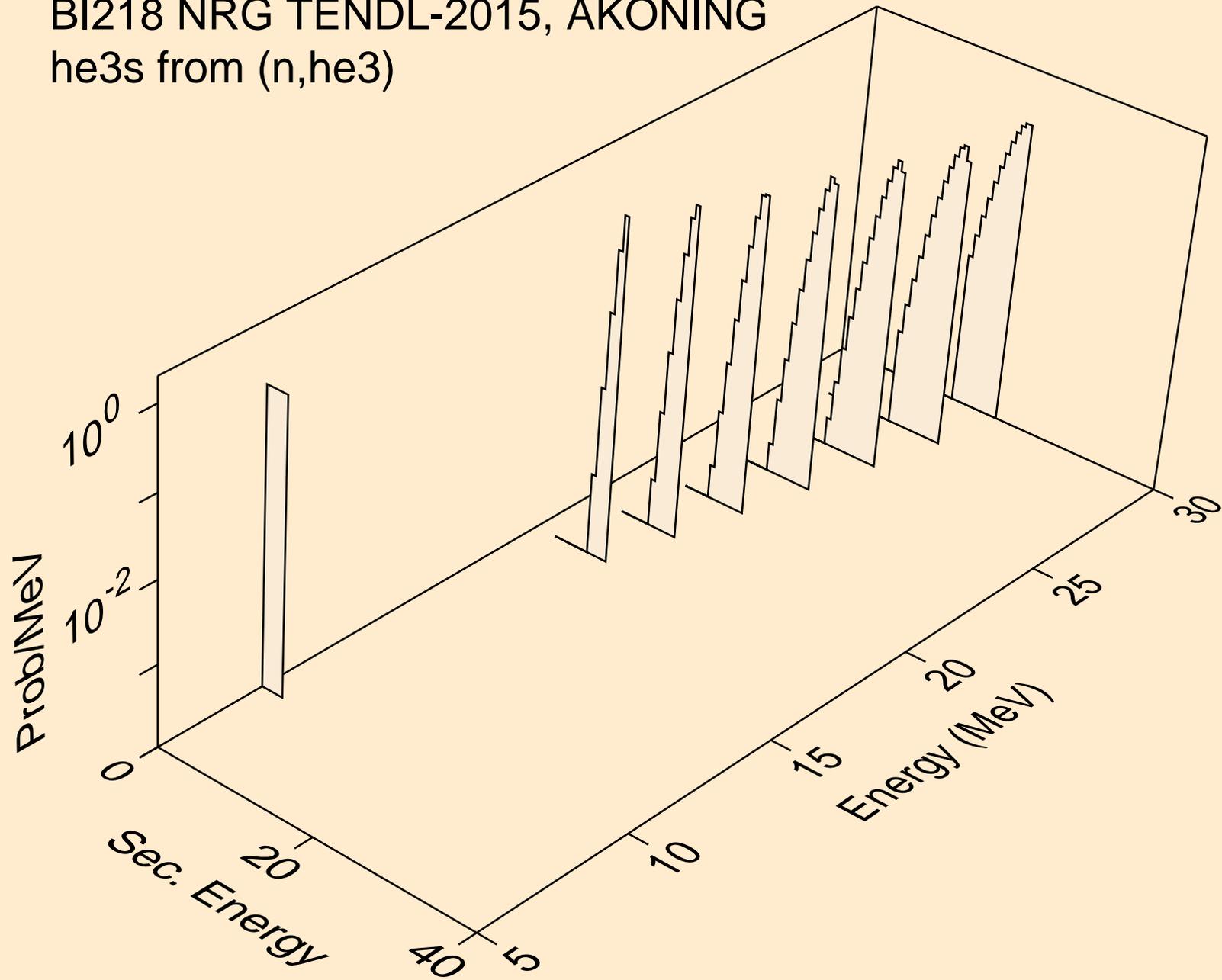
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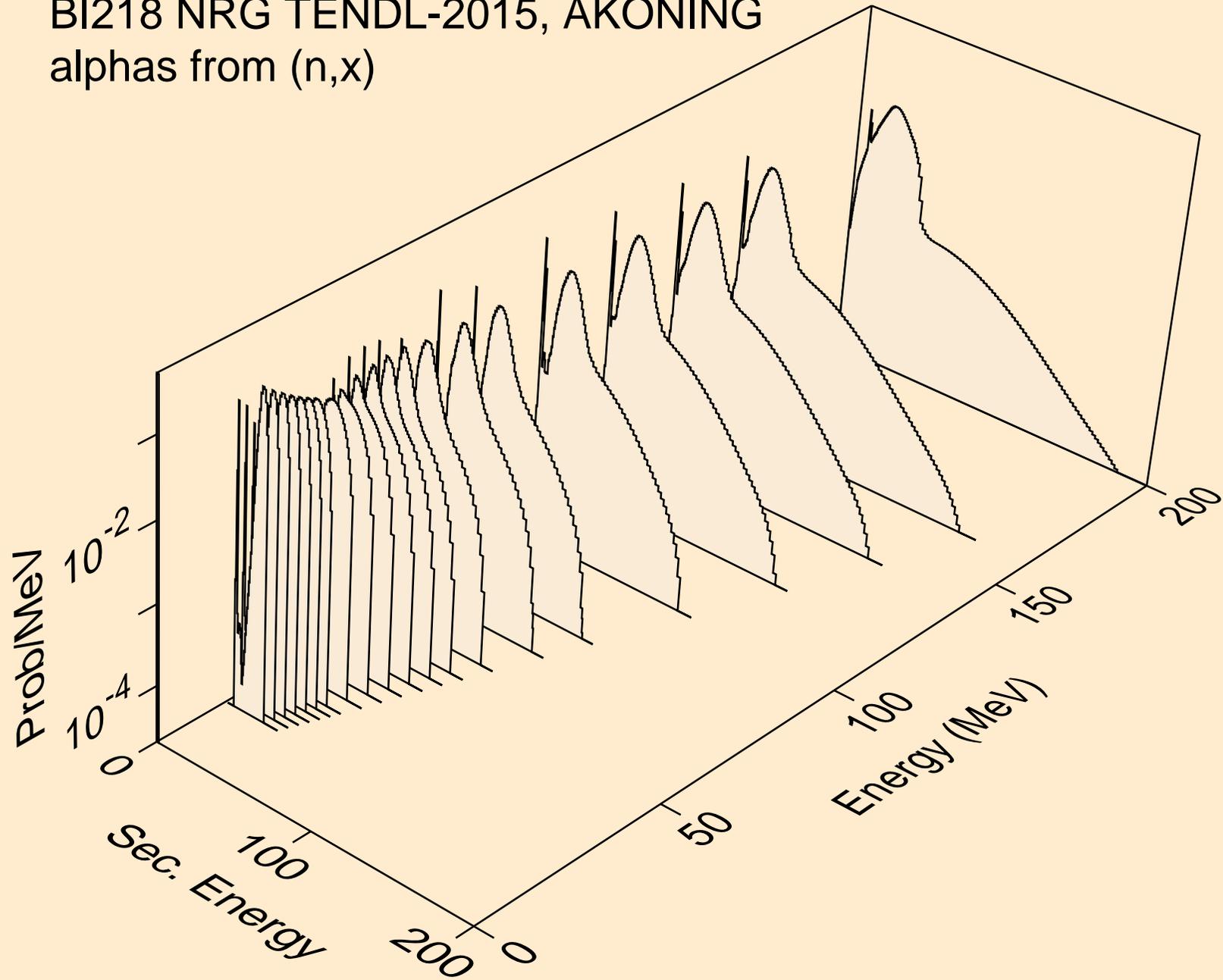
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he3s from (n,n\*)he3



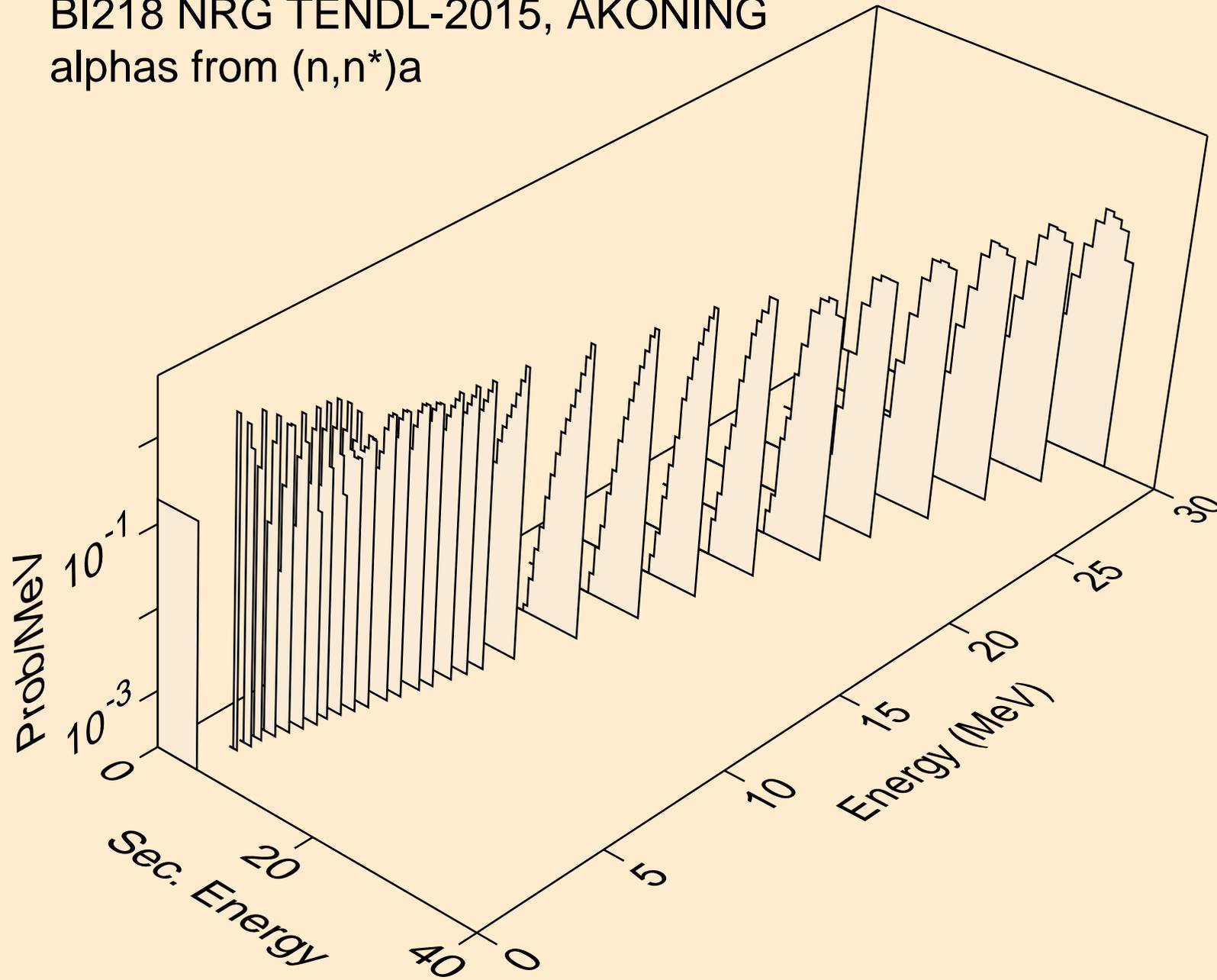
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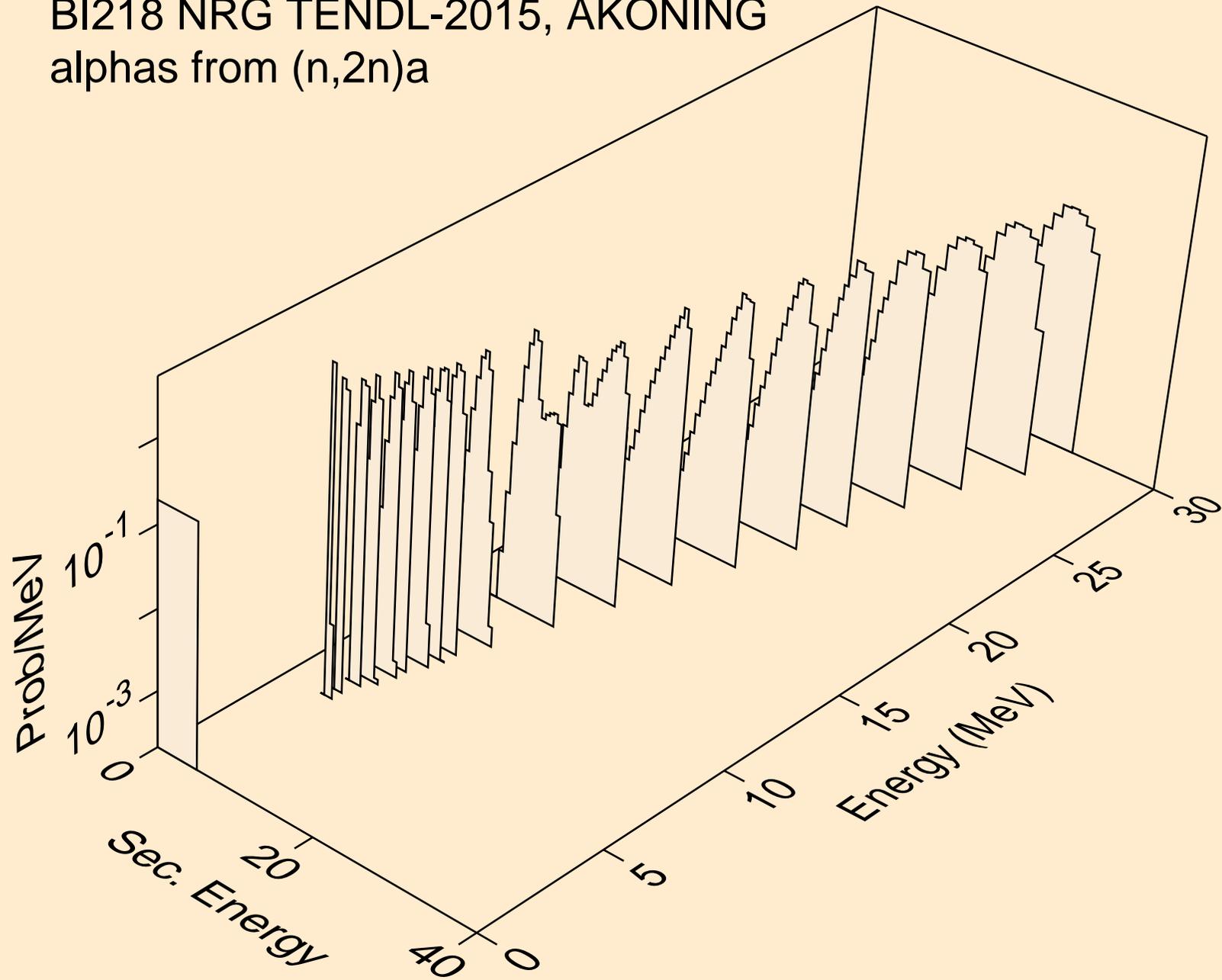
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alphas from (n,x)



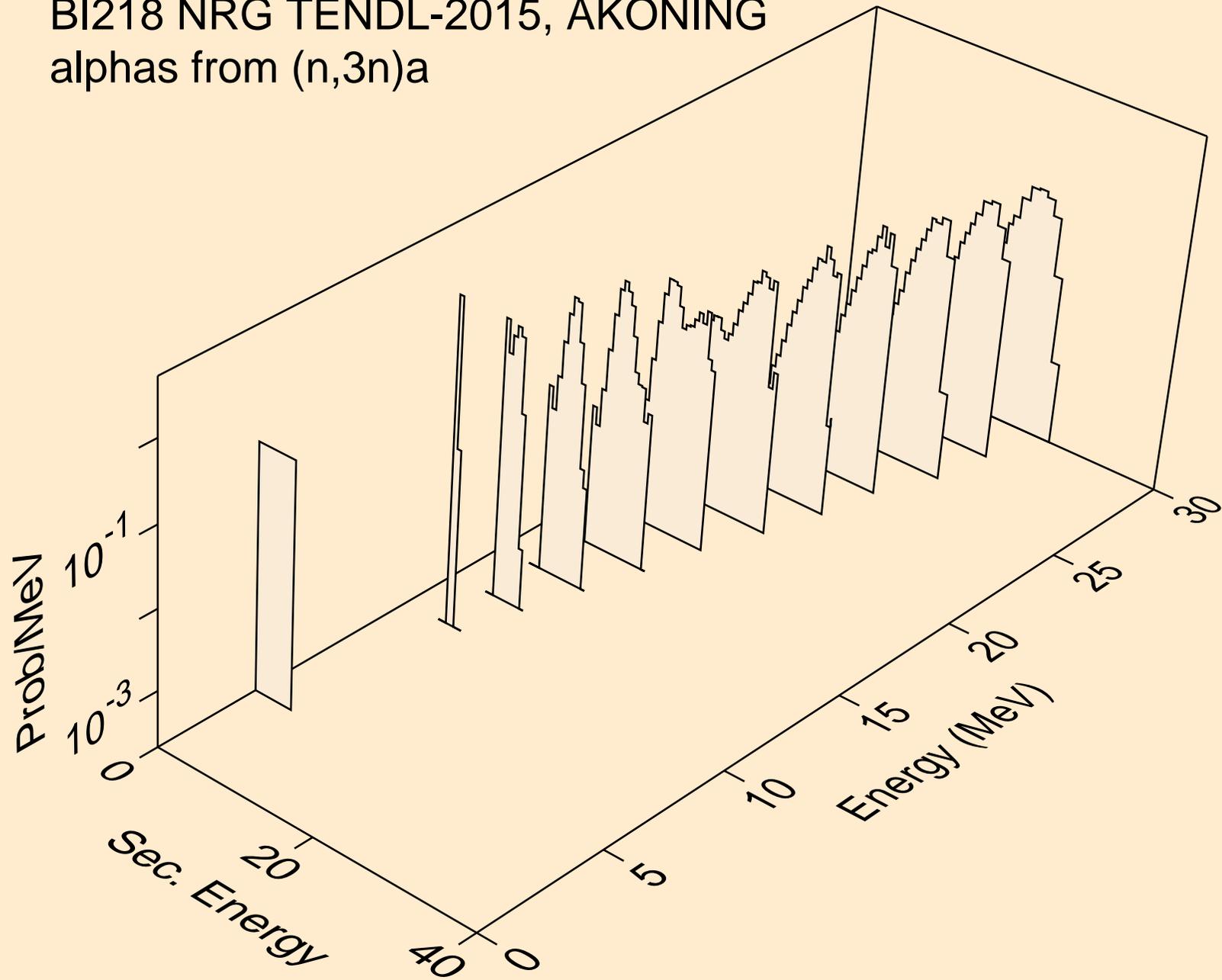
BI218 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



BI218 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



BI218 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



BI218 NRG TENDL-2015, AKONING  
alphas from (n,a)

