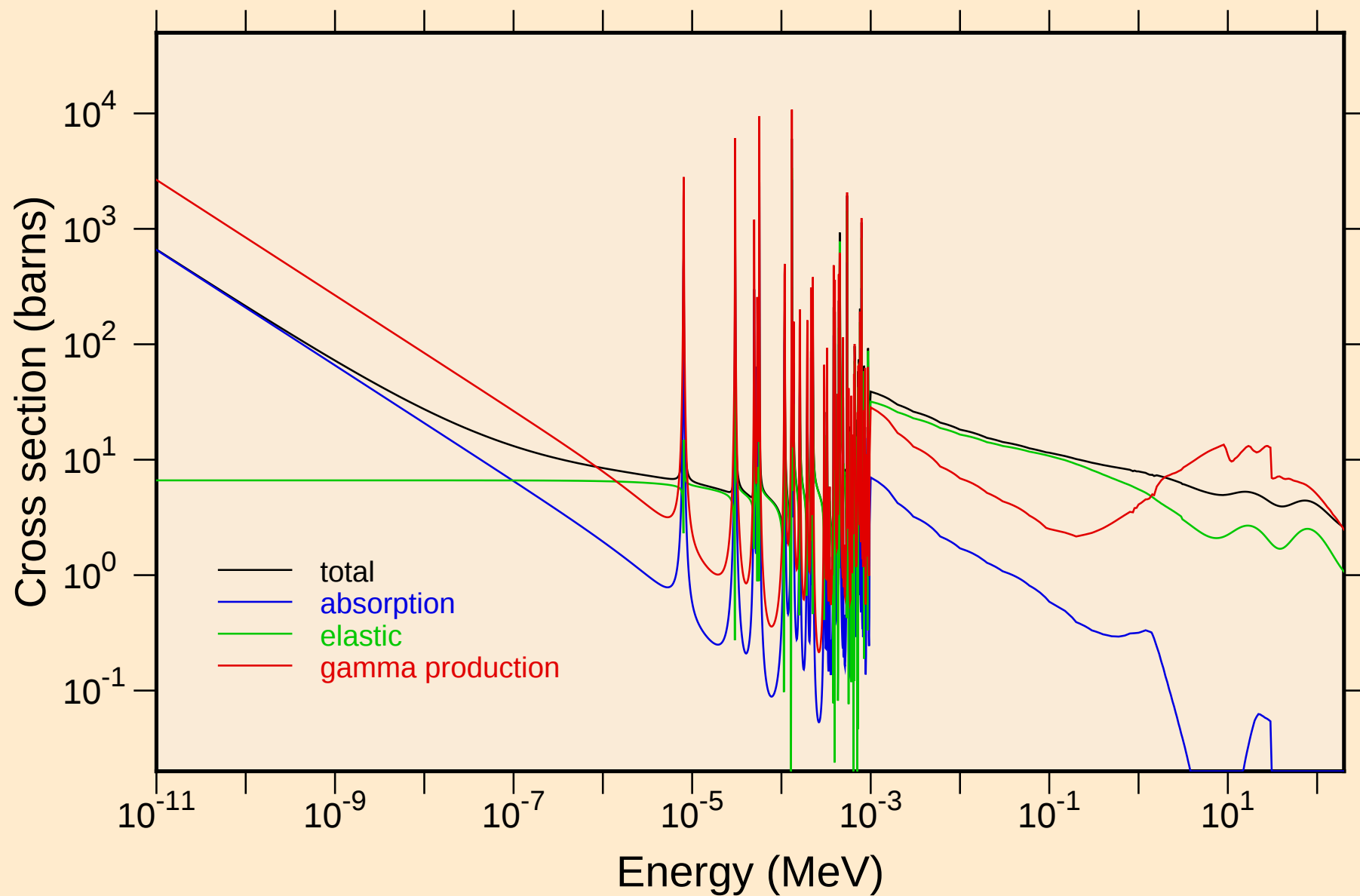
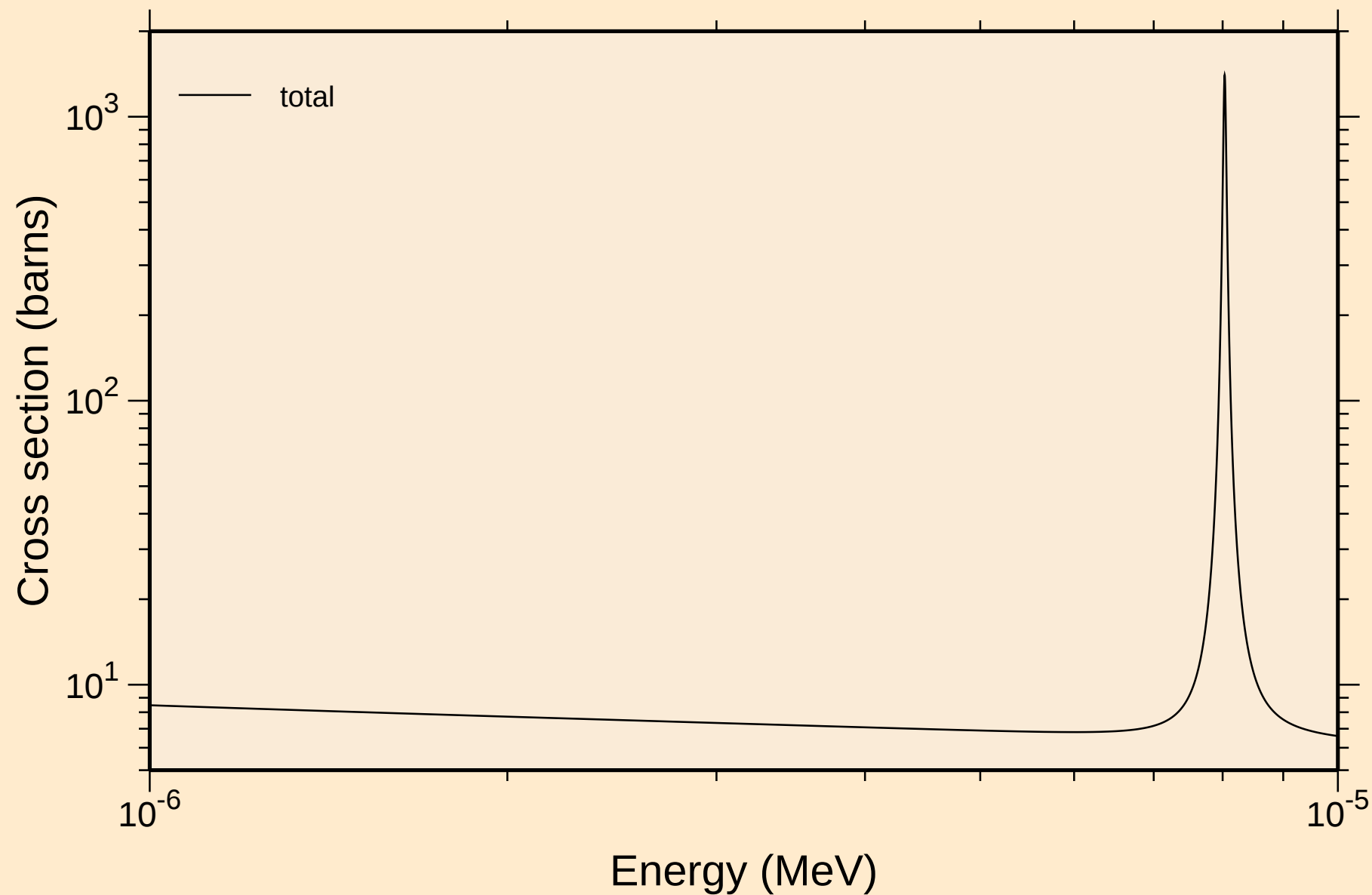


ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

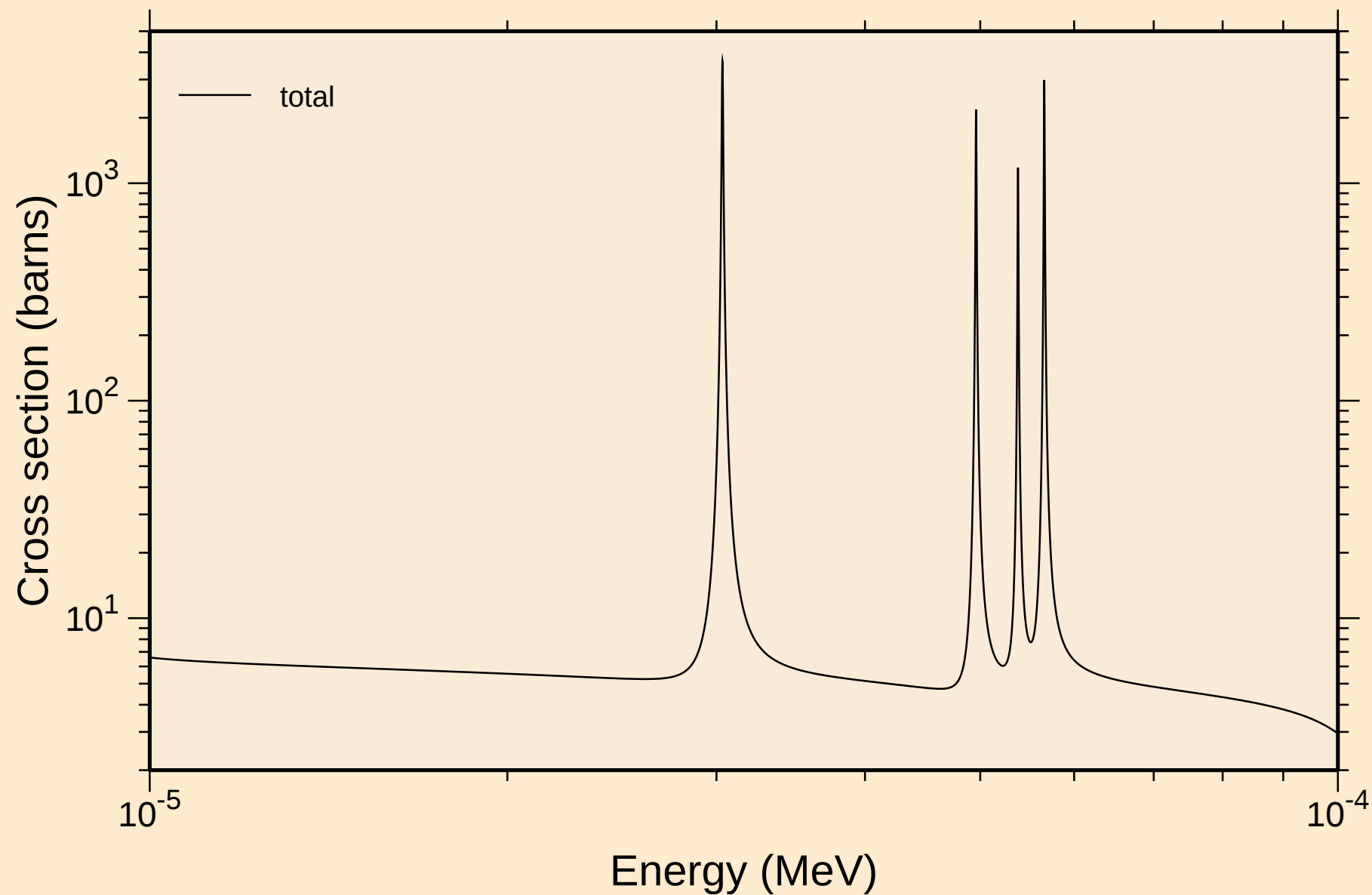
Principal cross sections



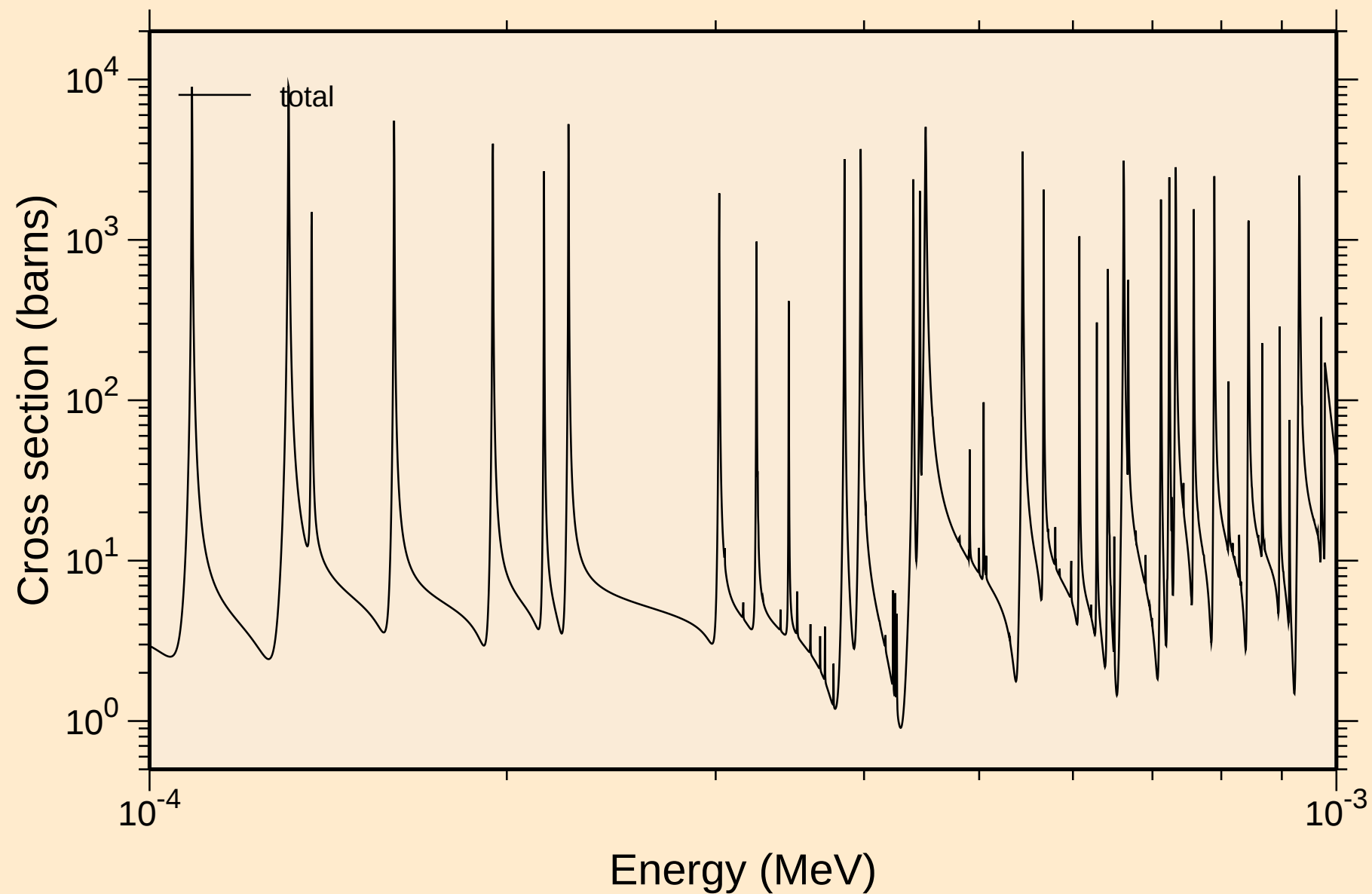
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



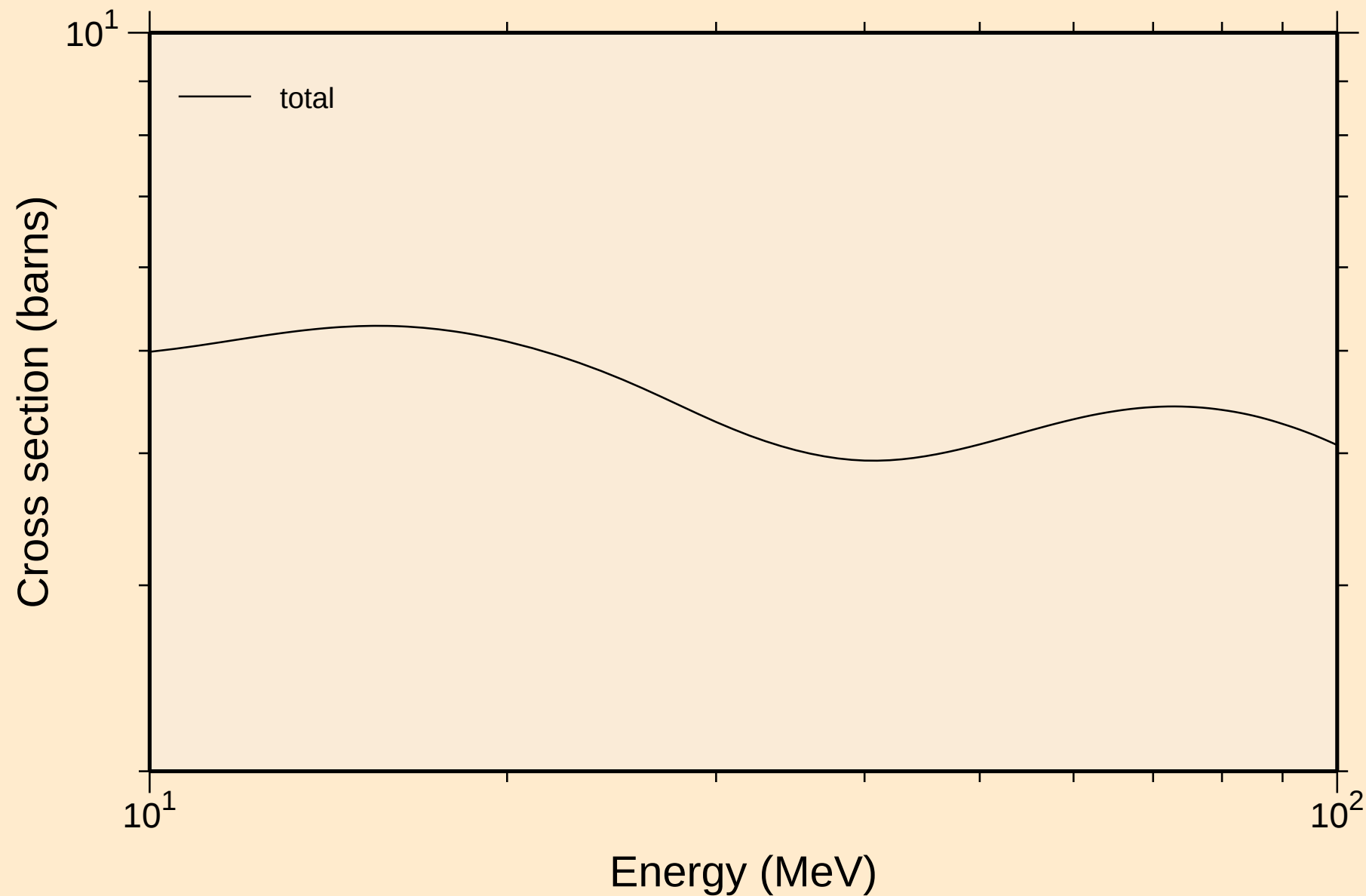
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



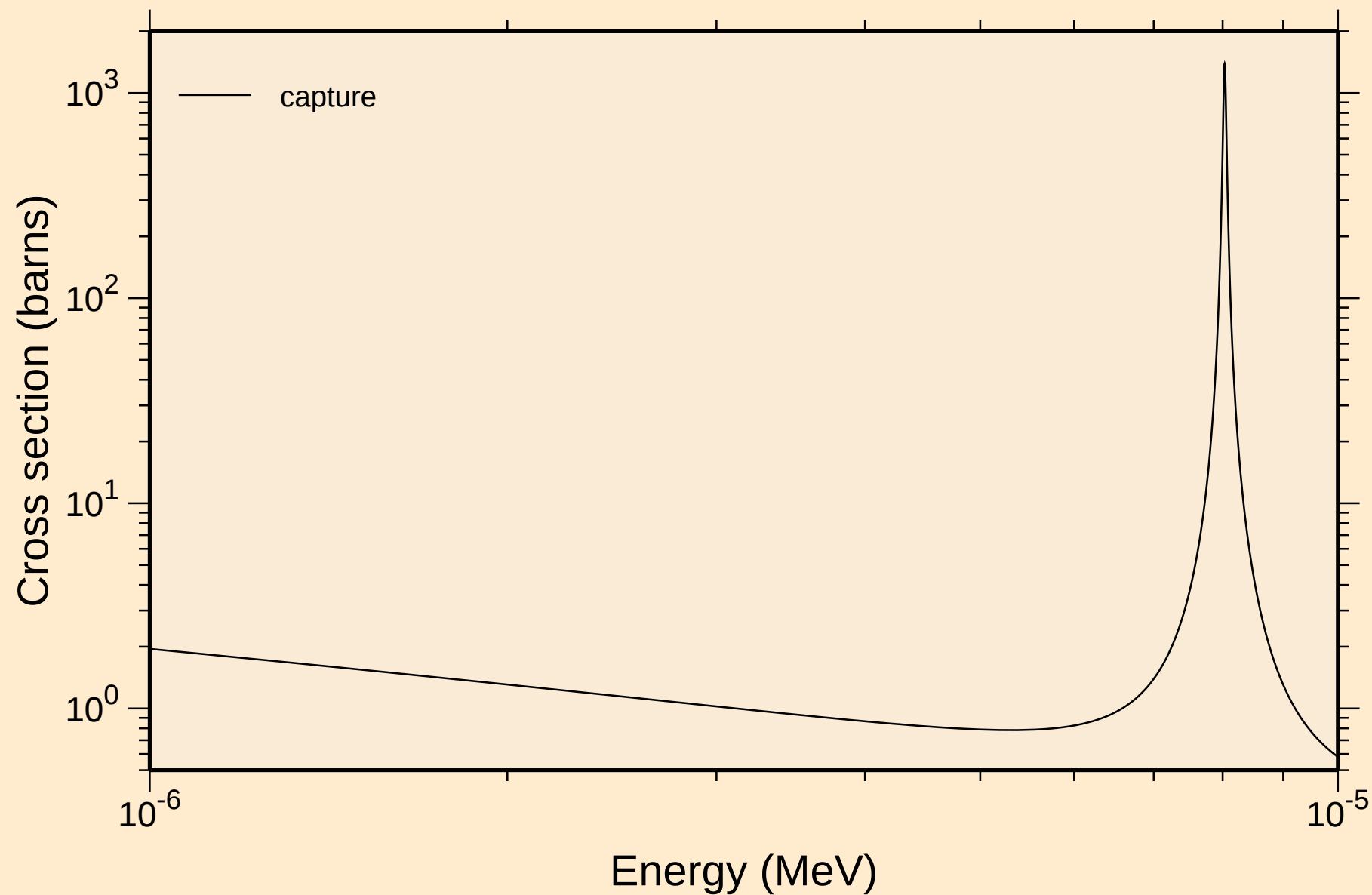
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



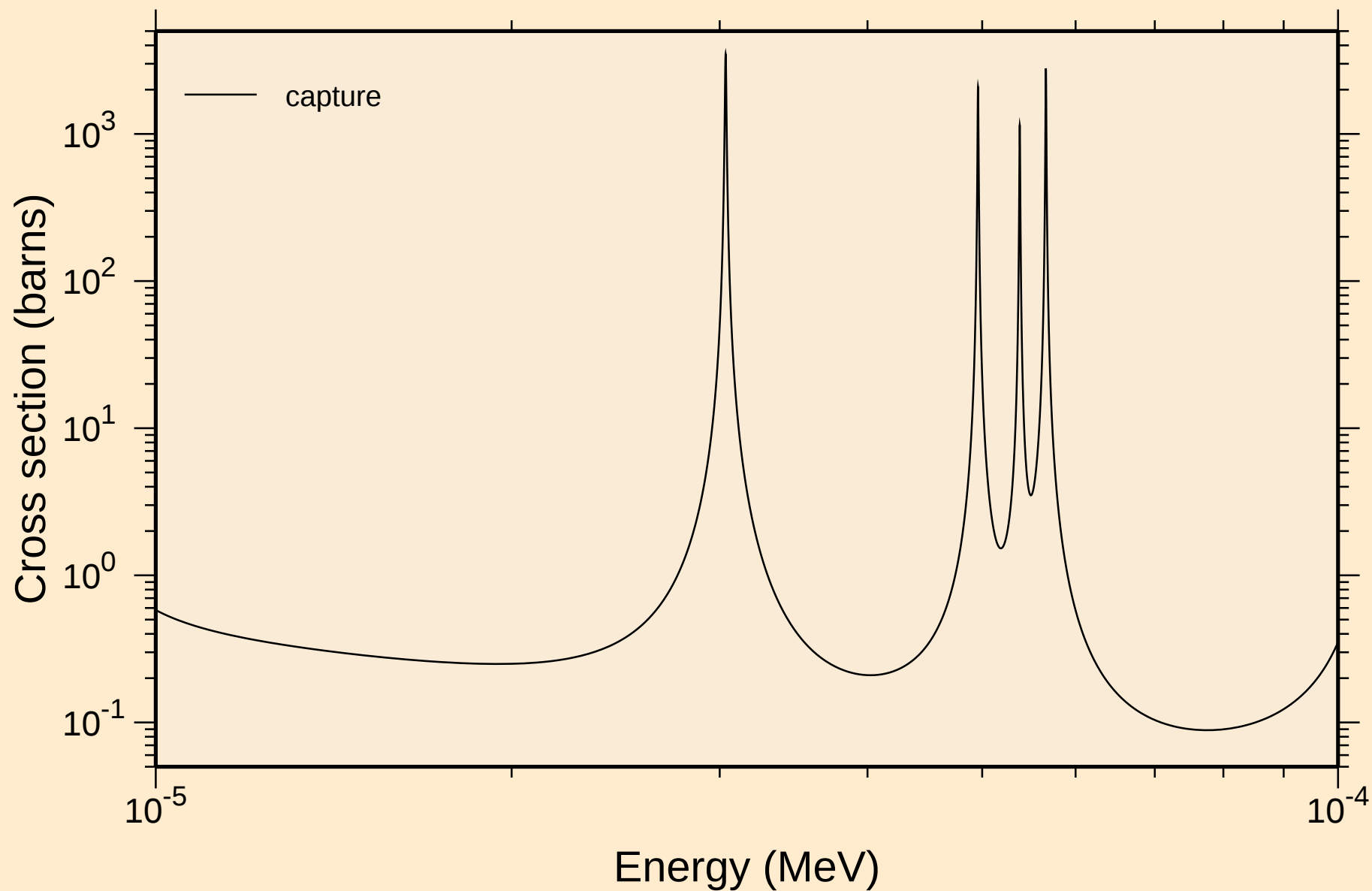
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



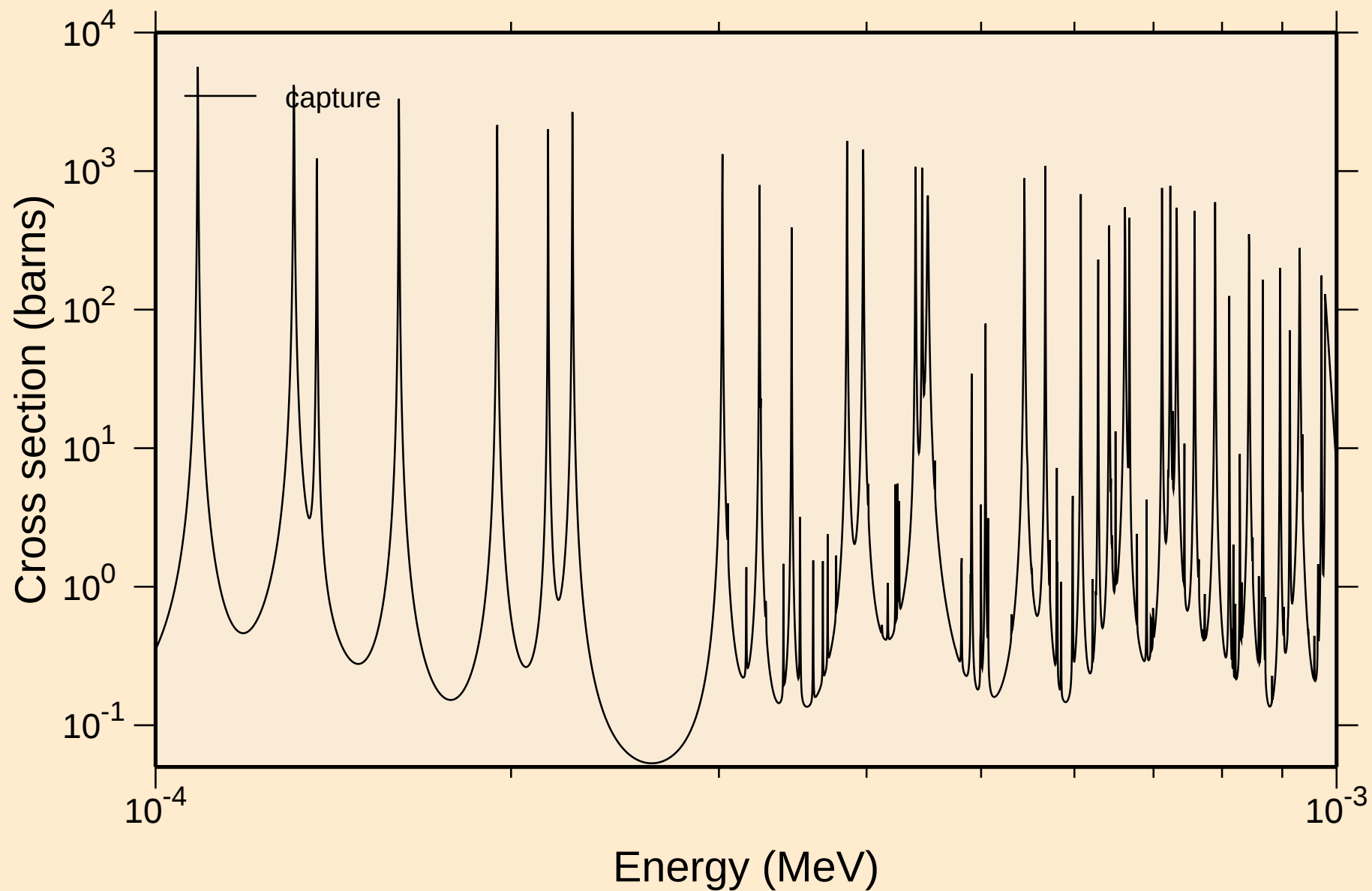
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



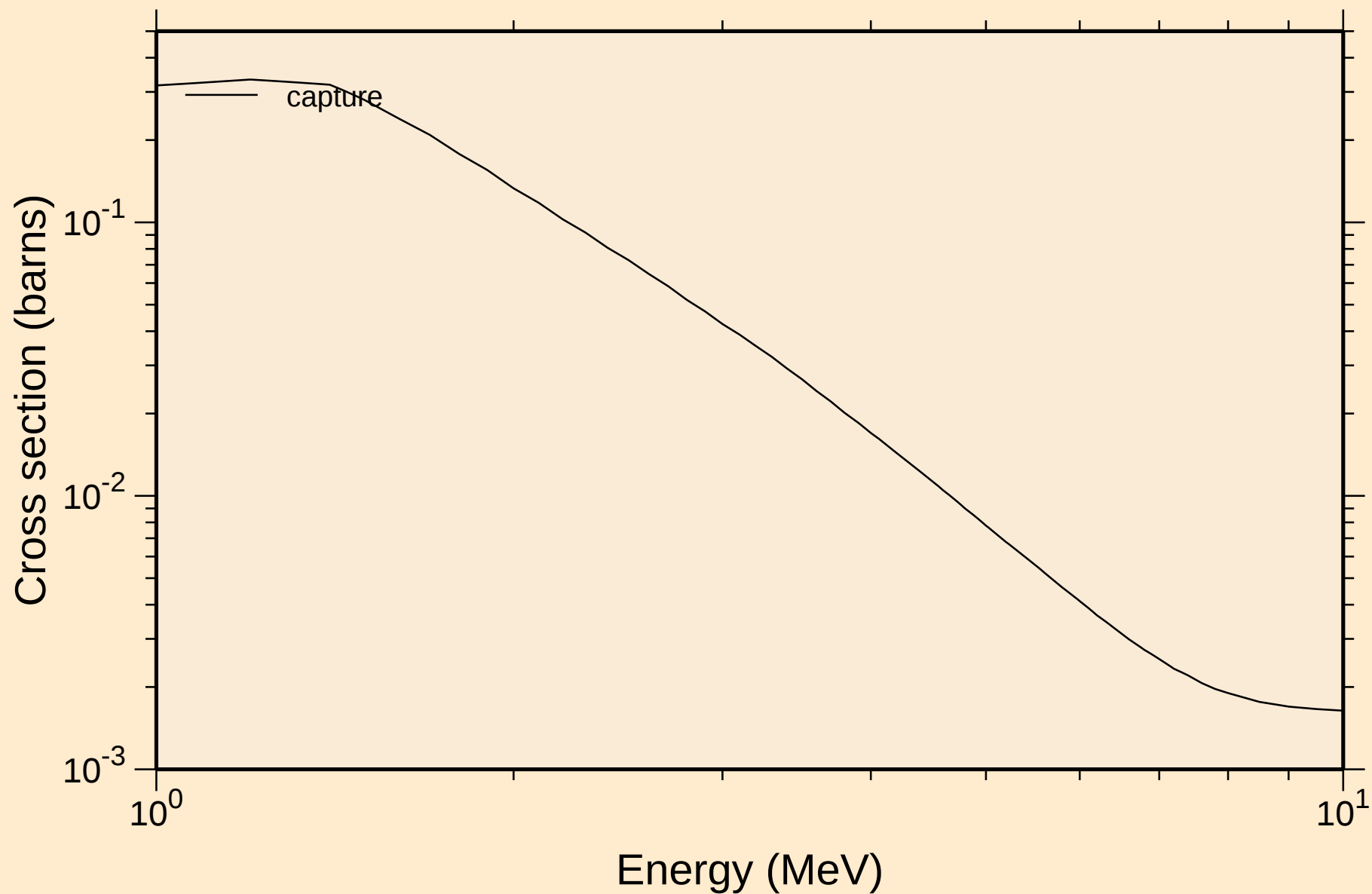
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



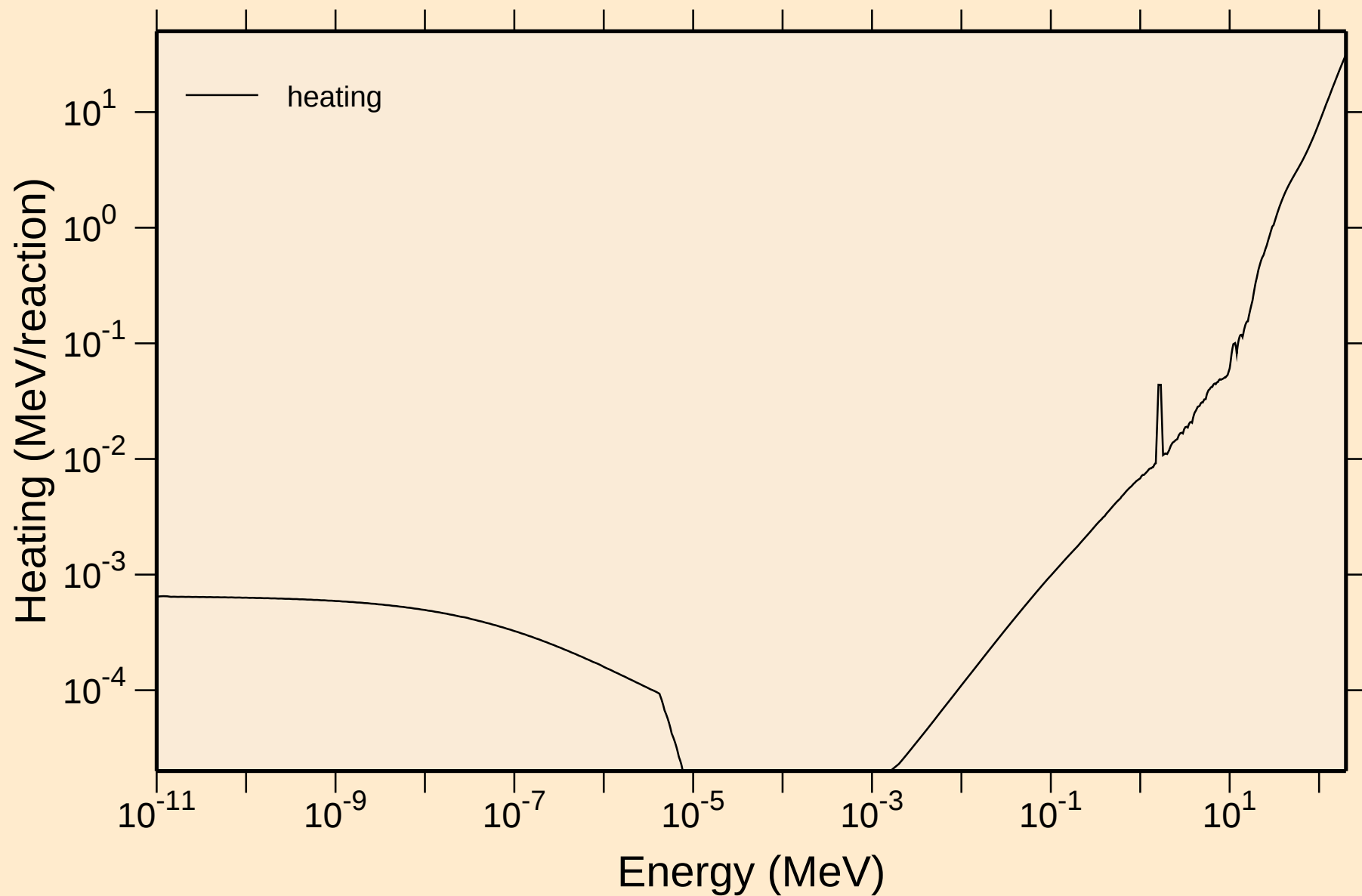
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections

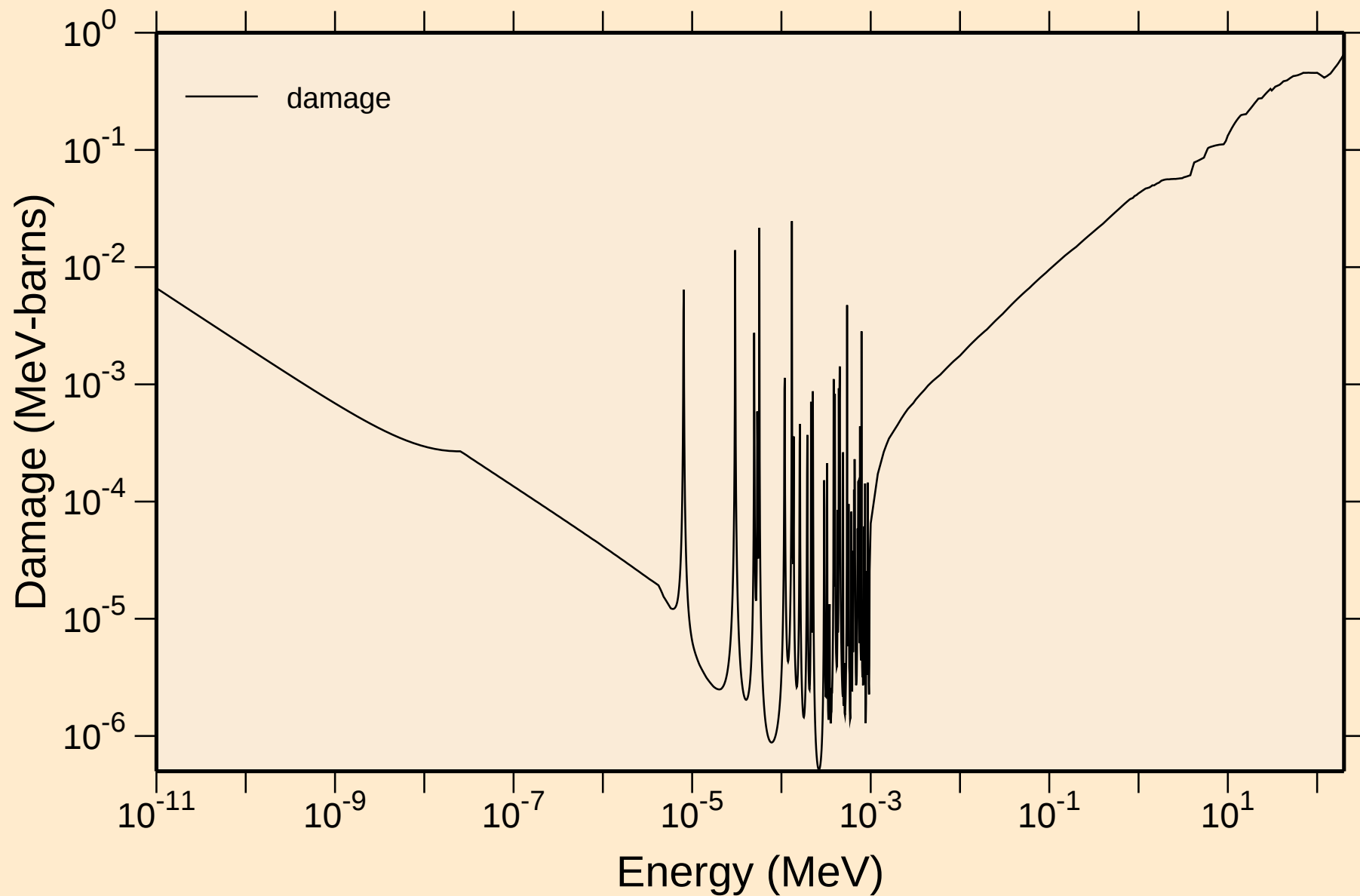


ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Heating



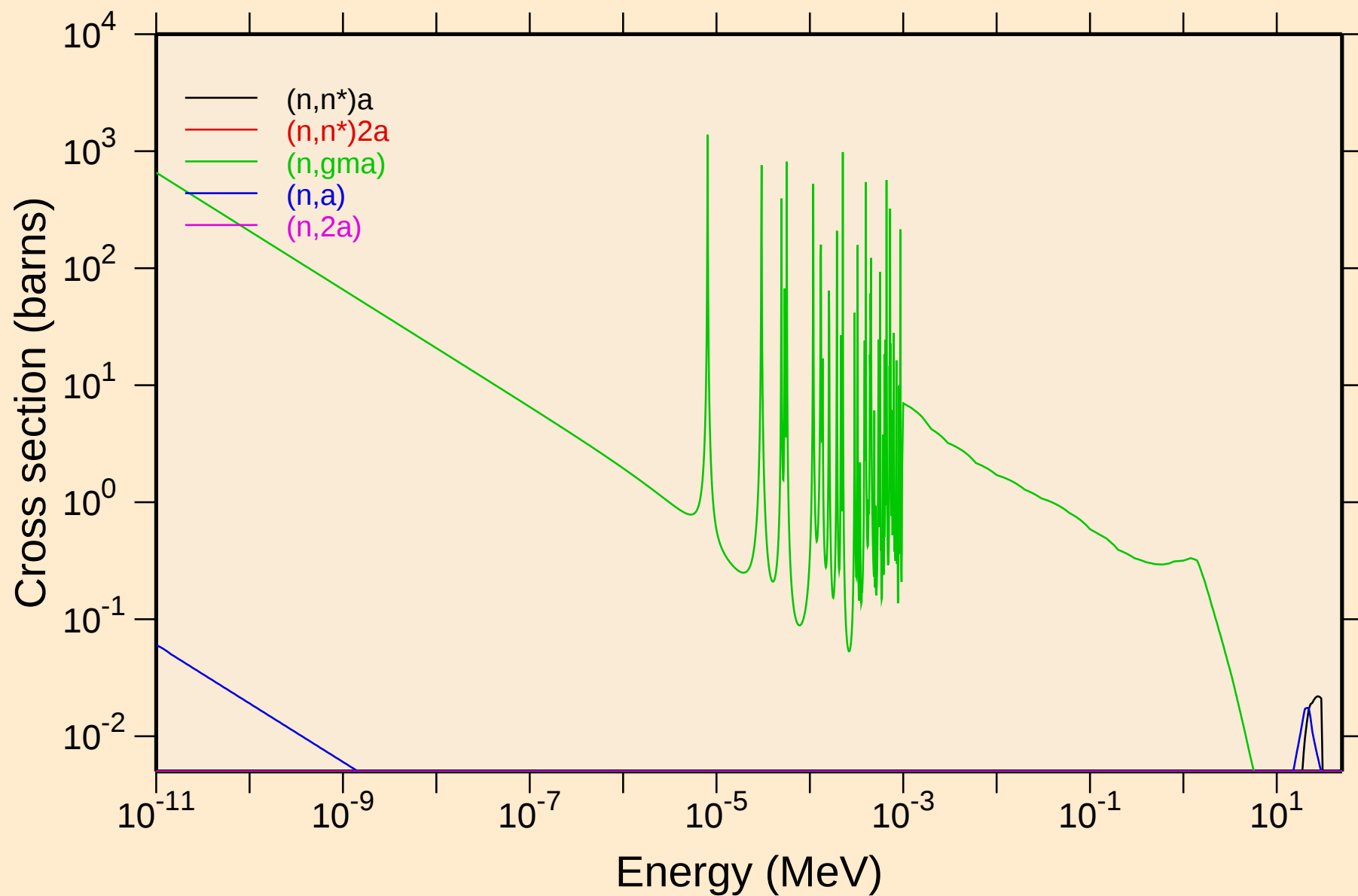
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage

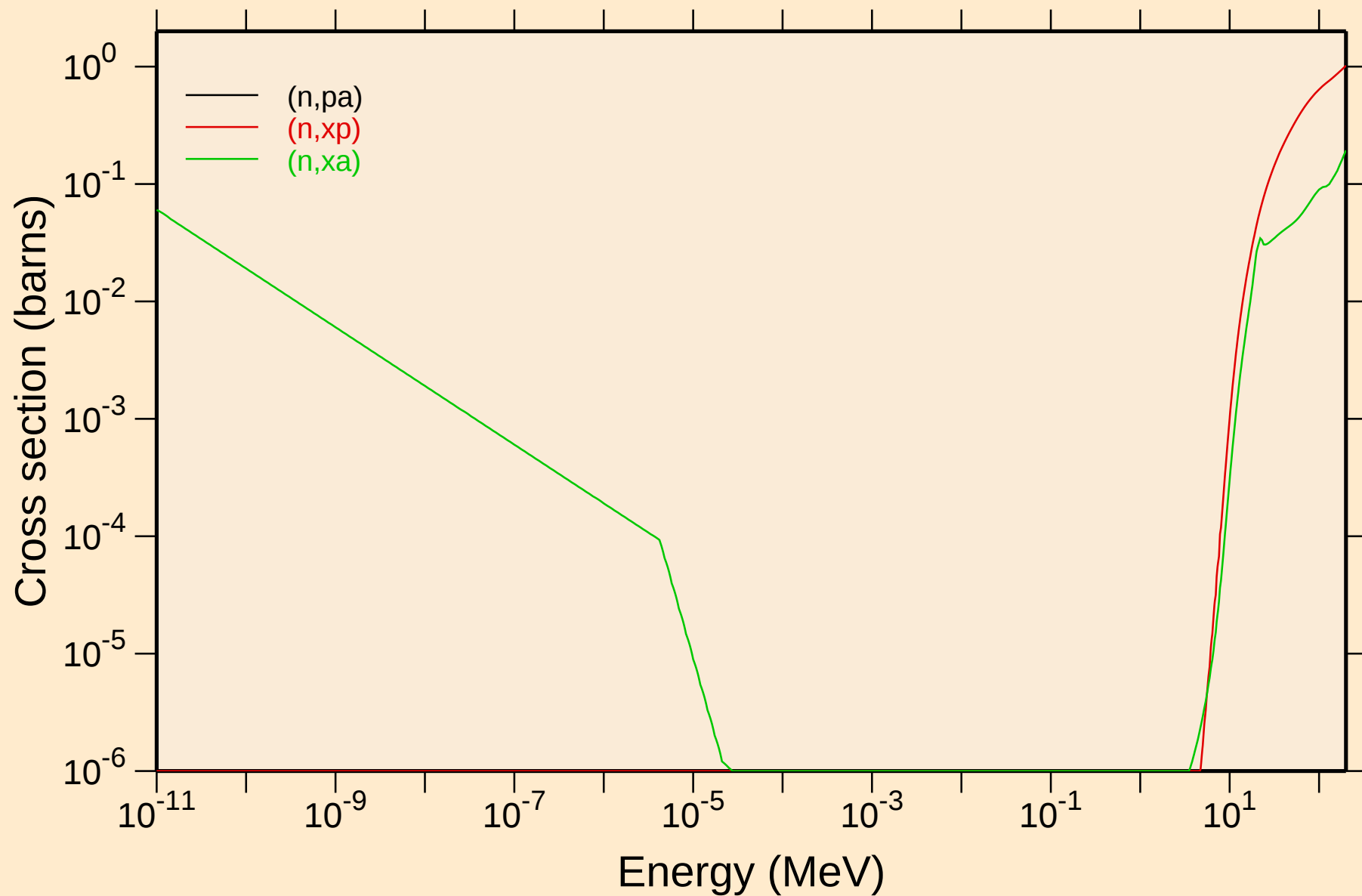


ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions

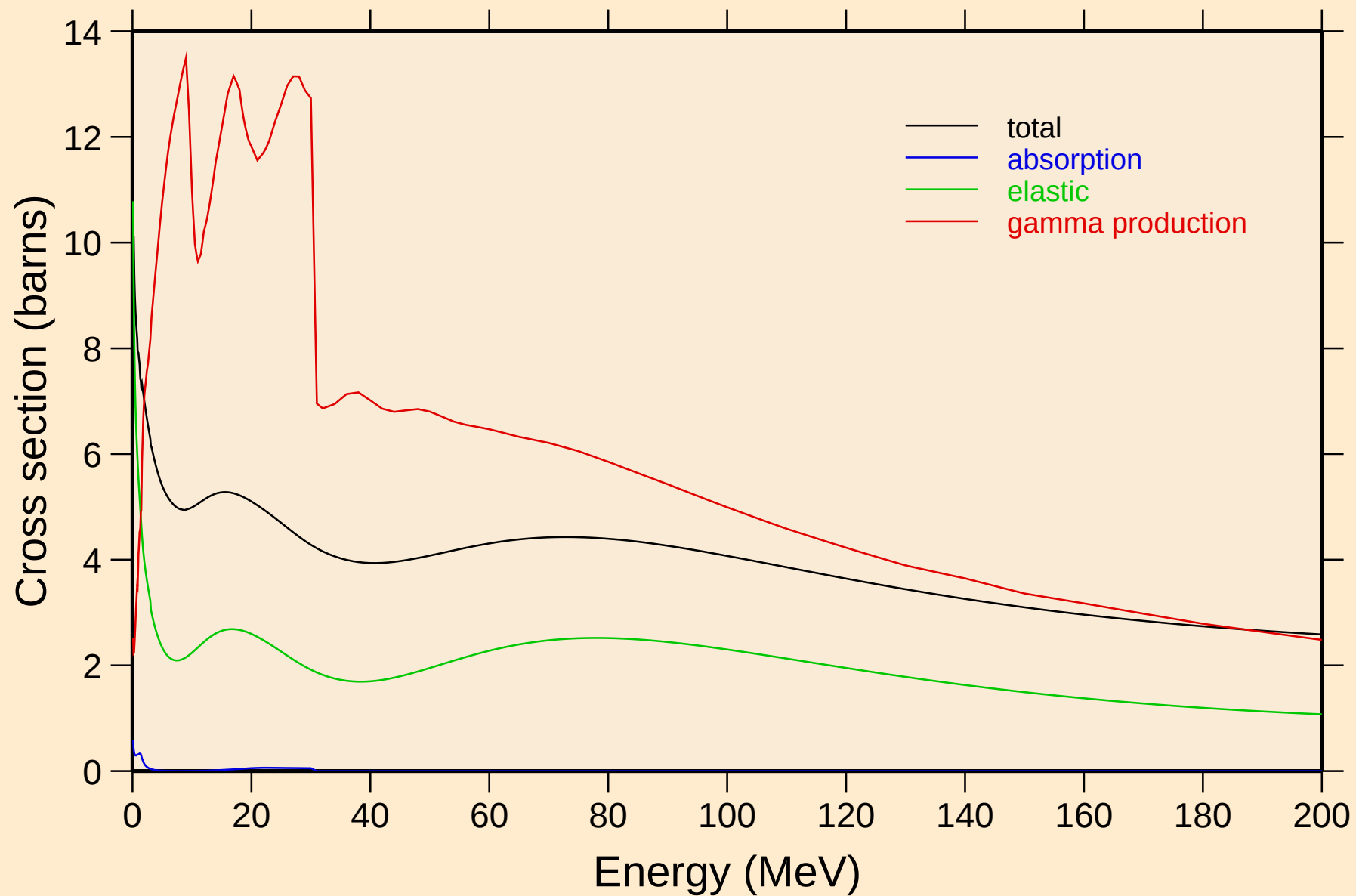


ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

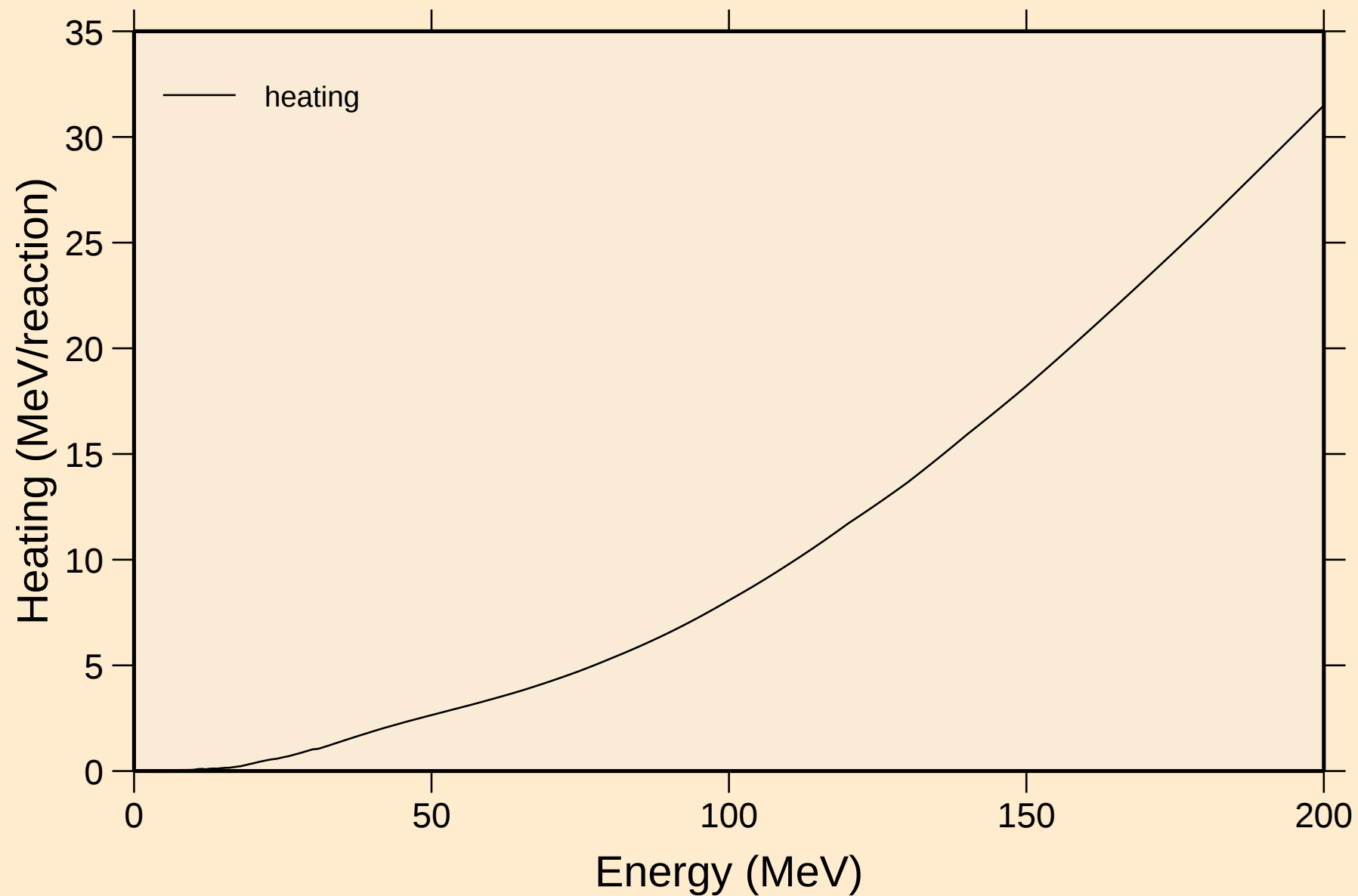


ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections

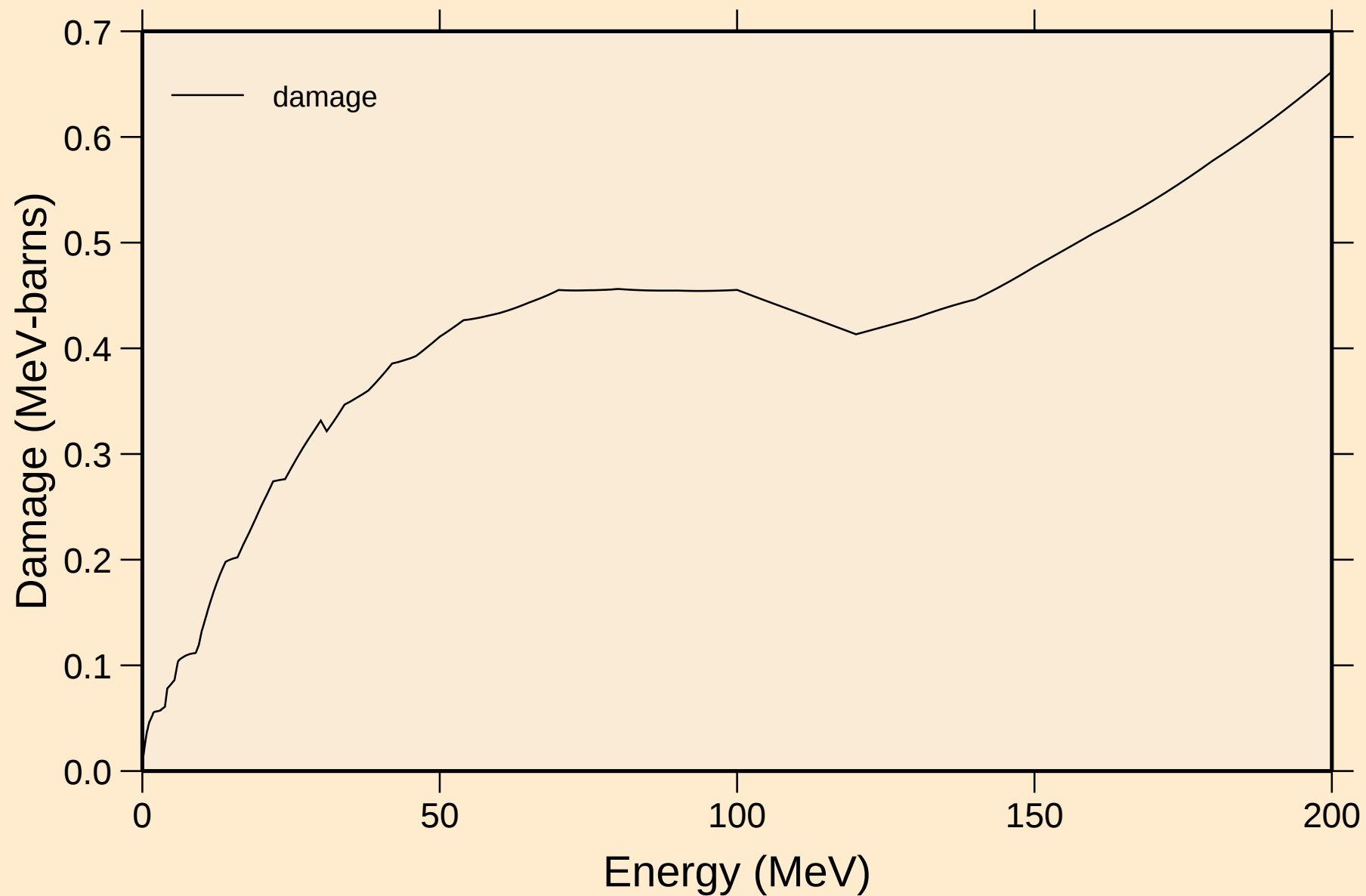


ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Heating



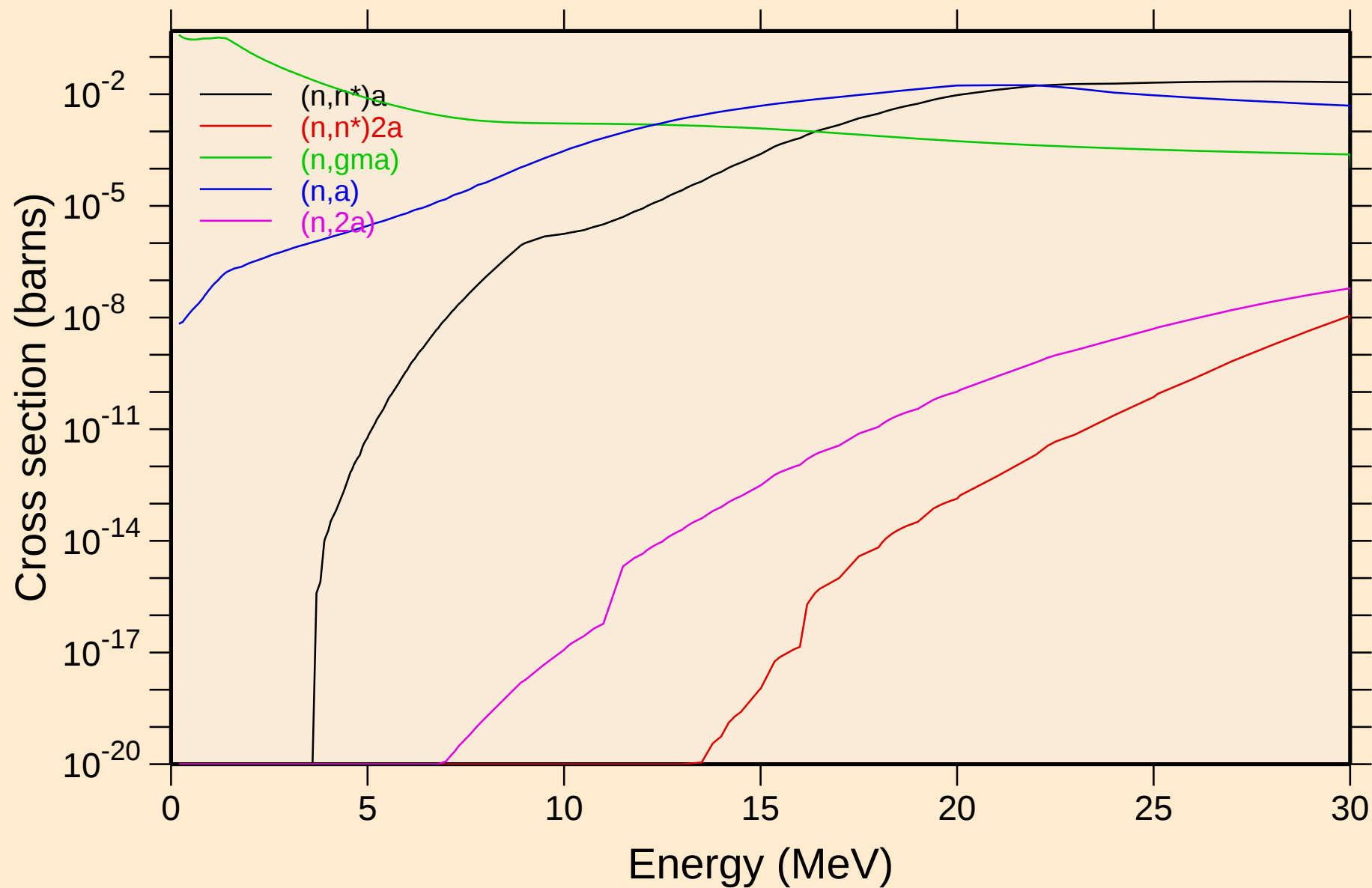
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage

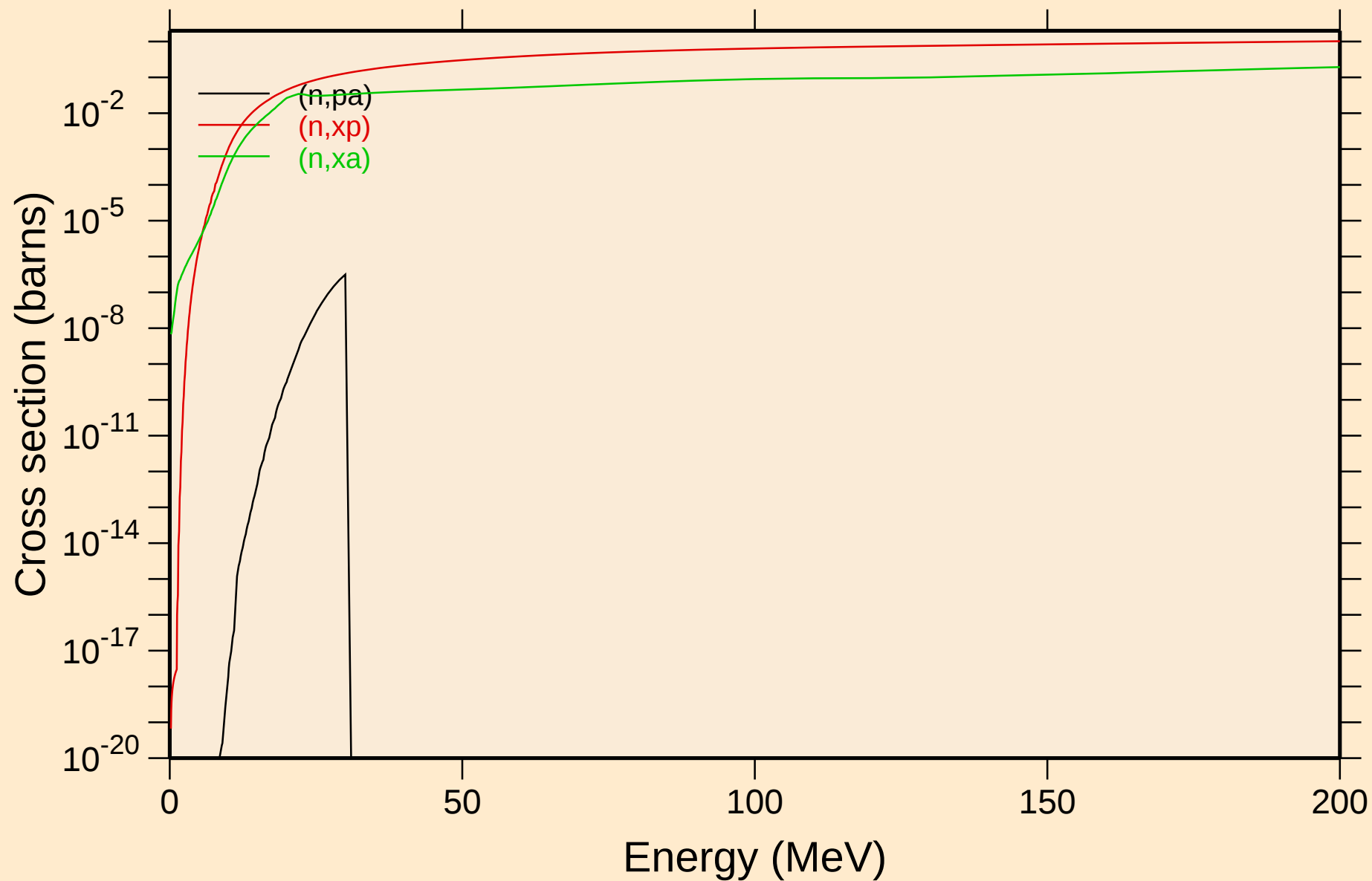


ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions

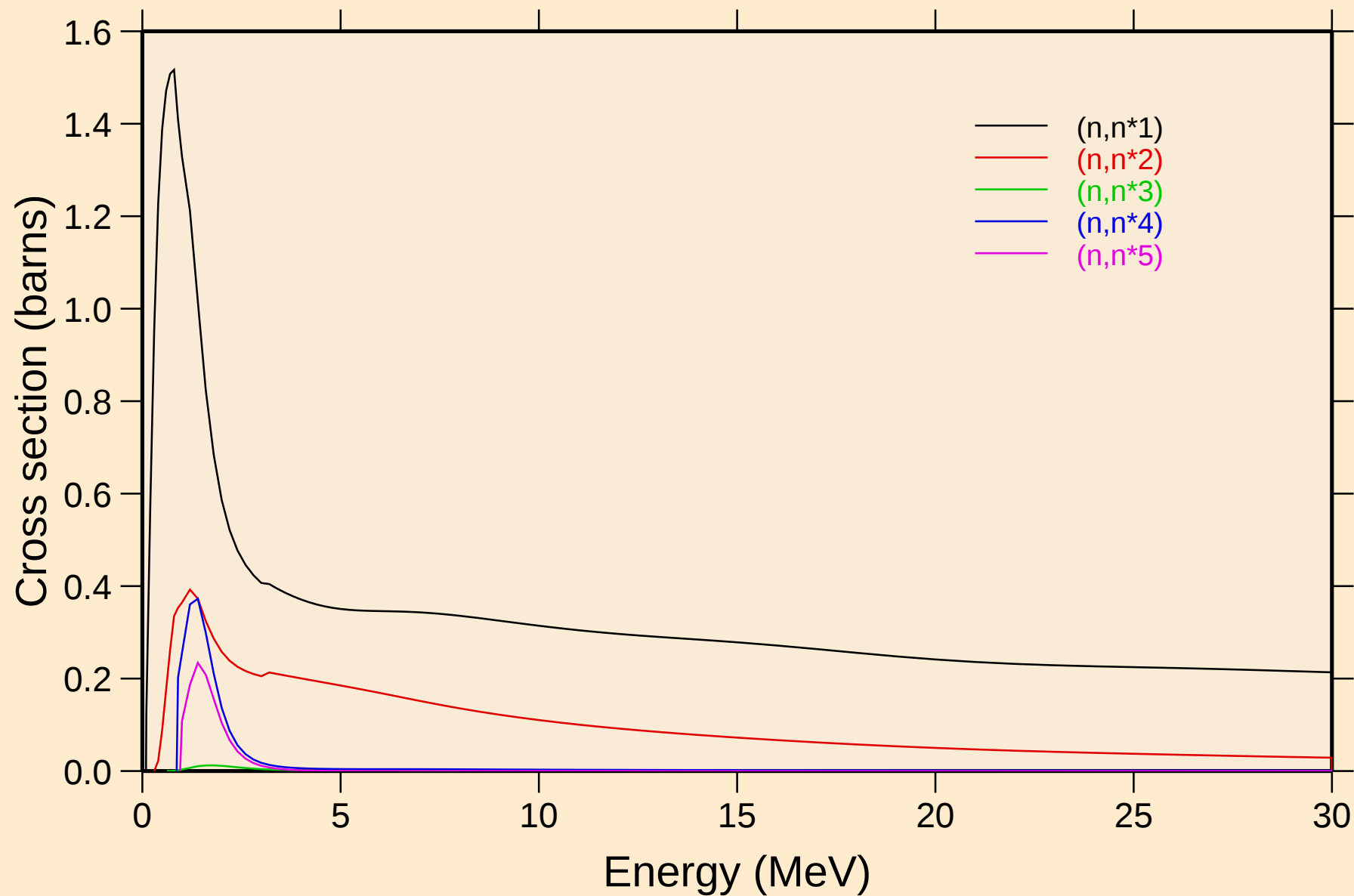


ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



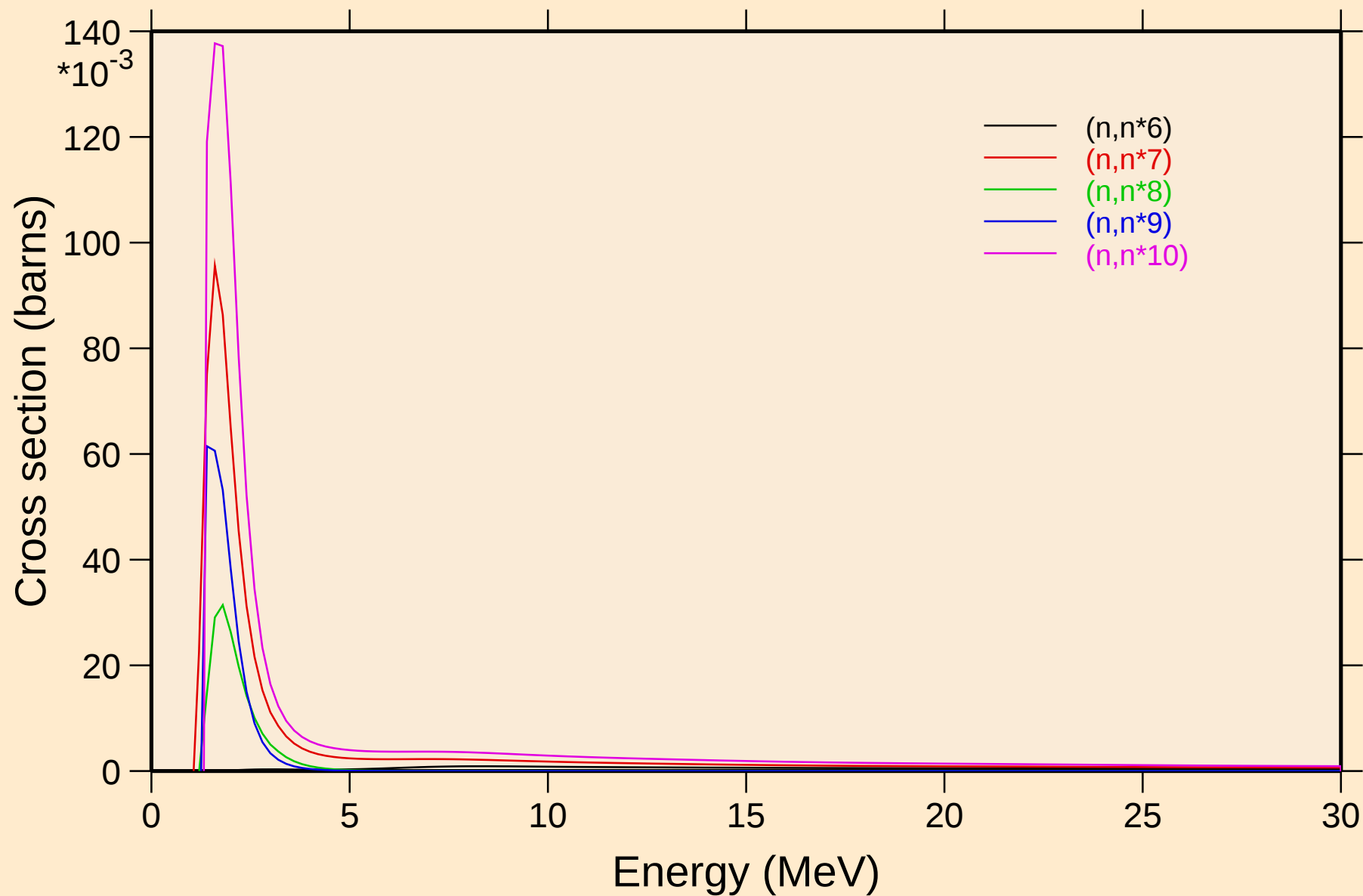
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels

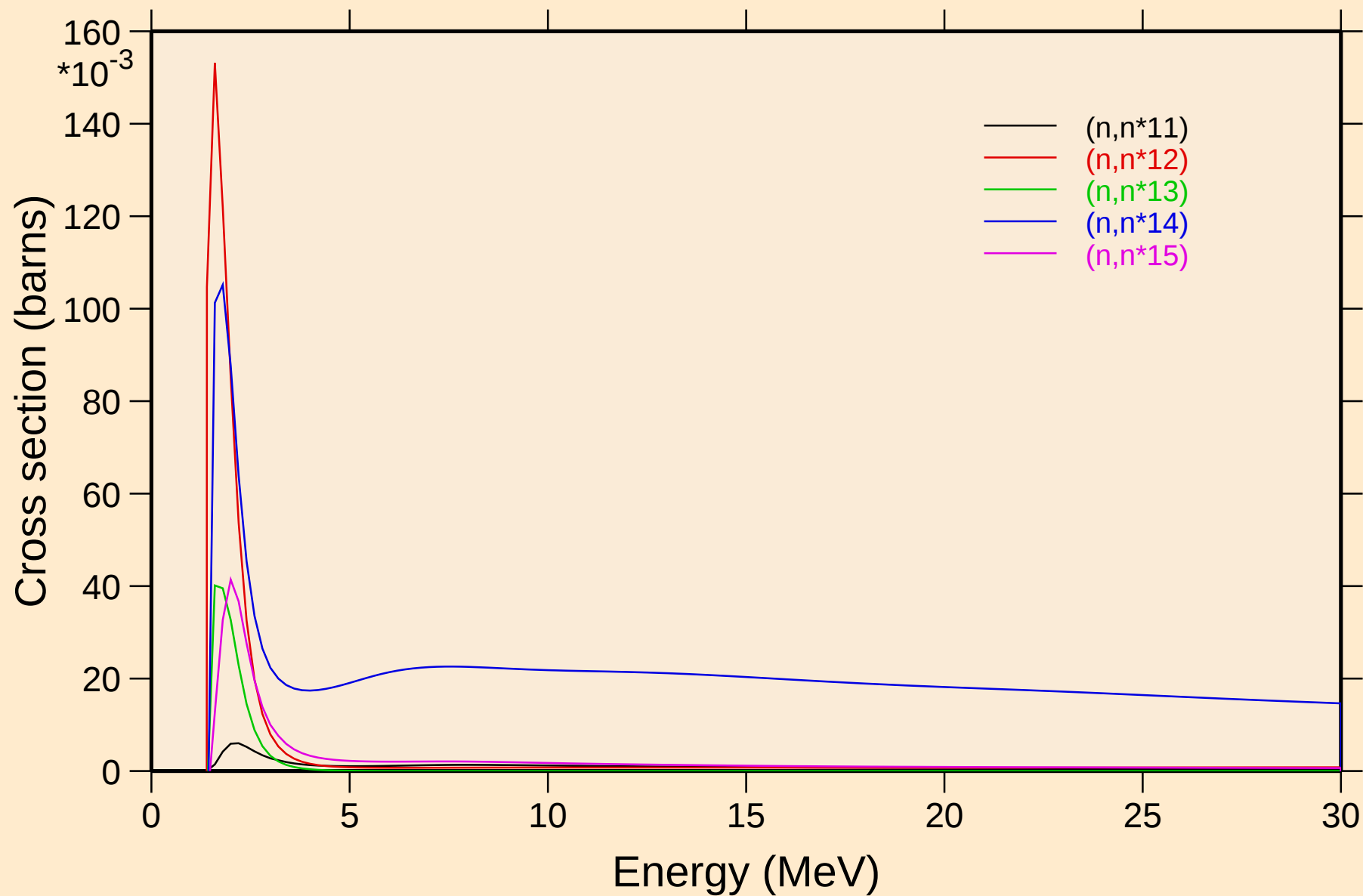


ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

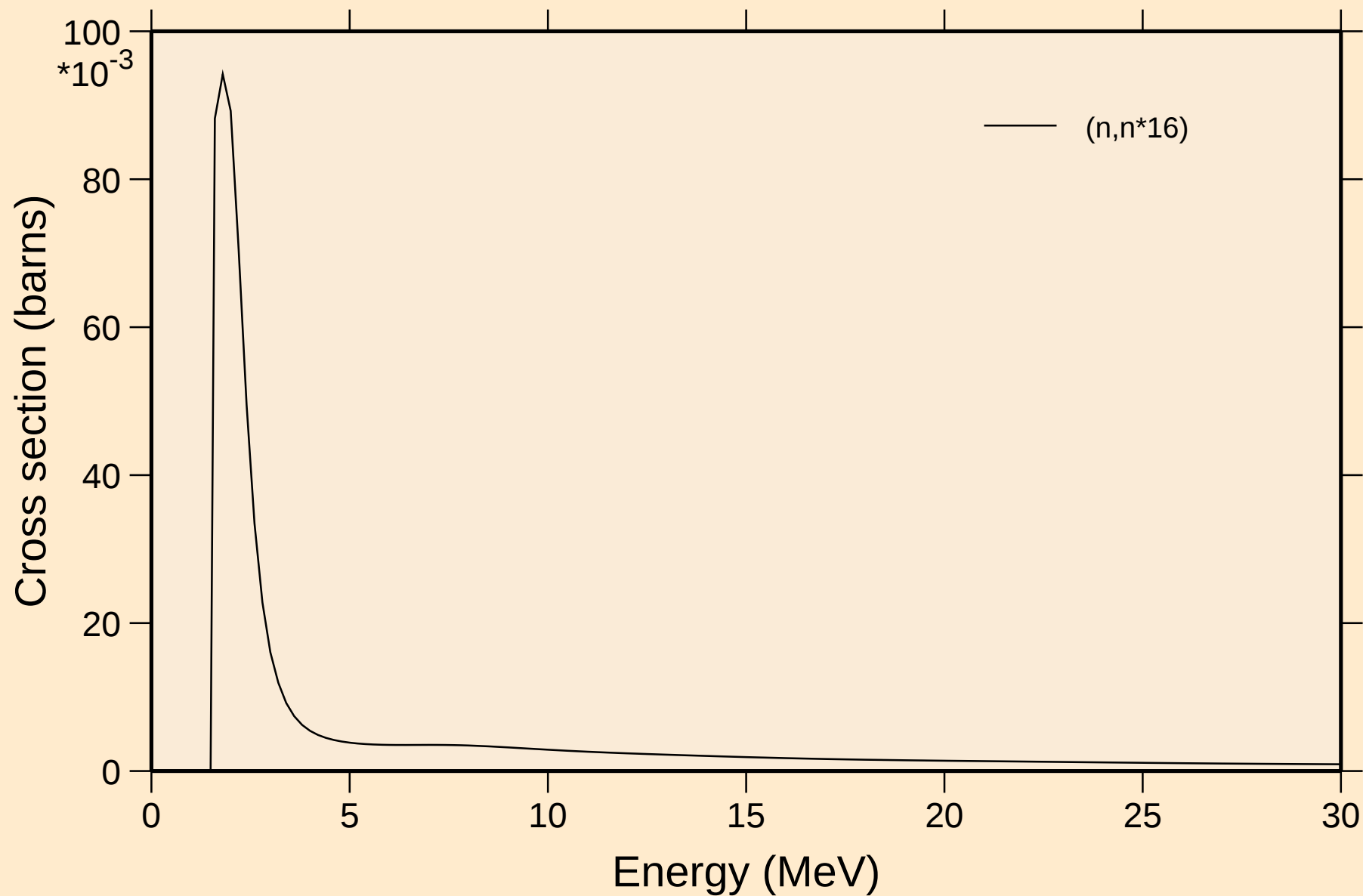
Inelastic levels



ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels

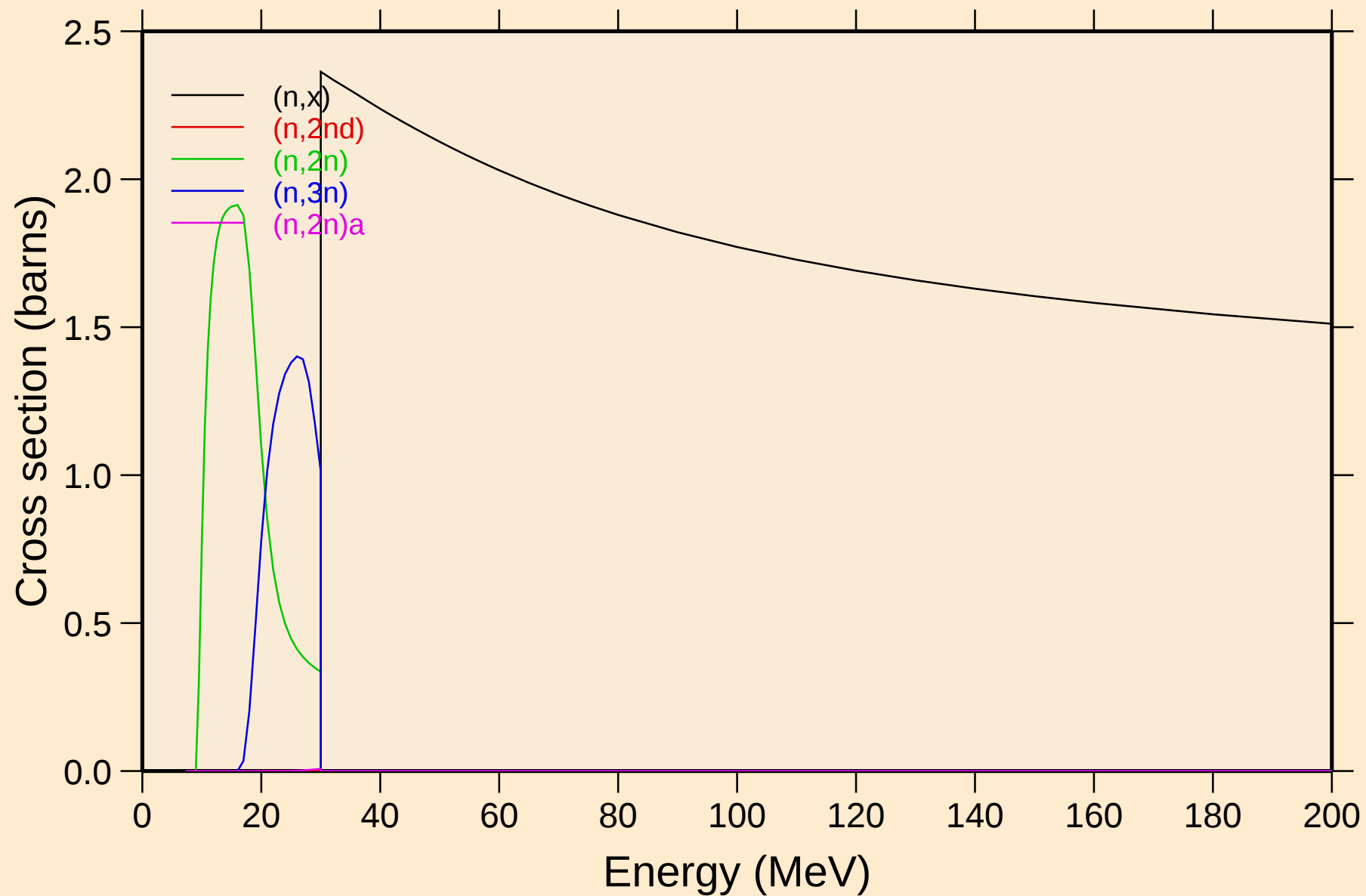


ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



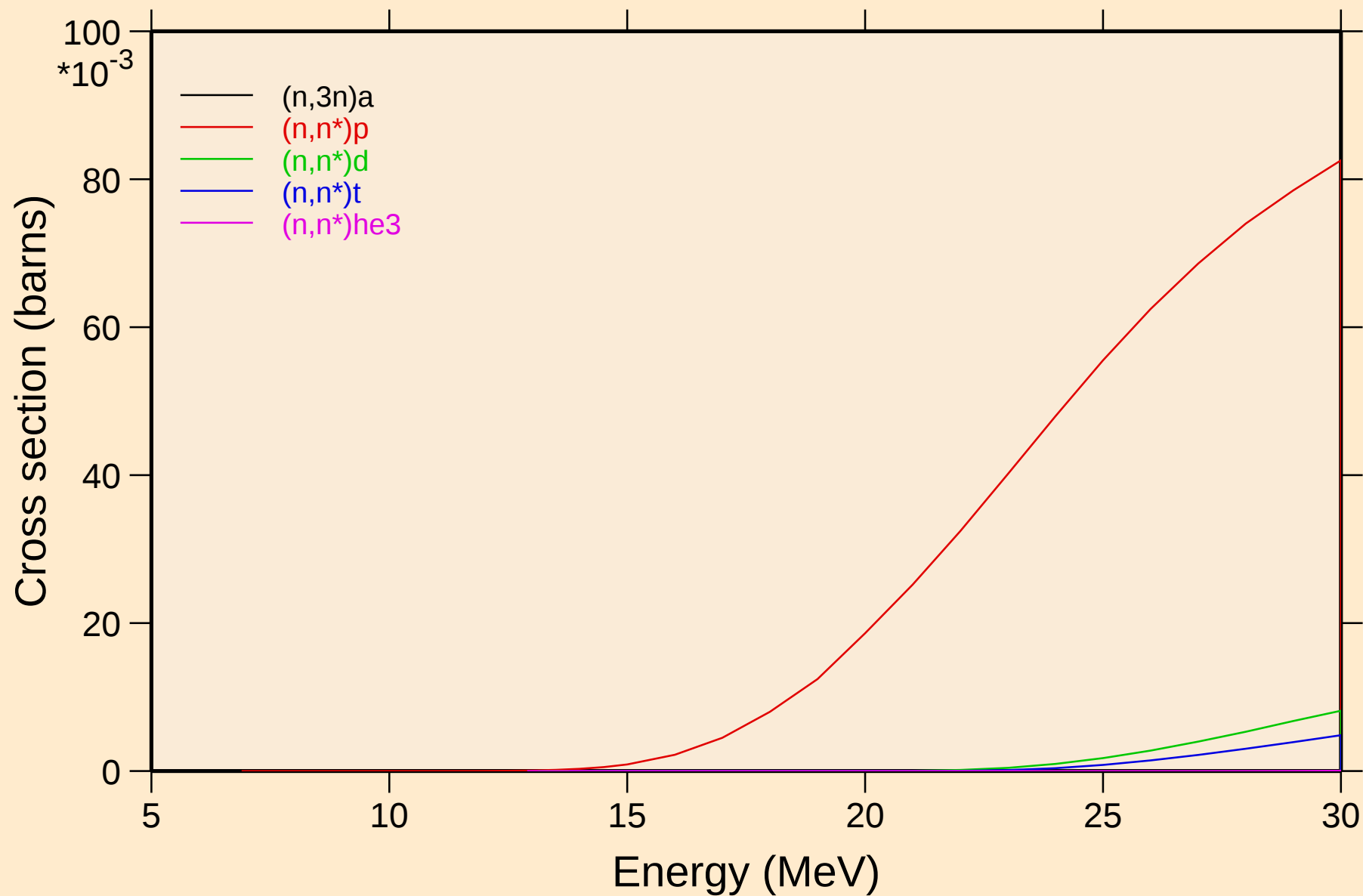
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



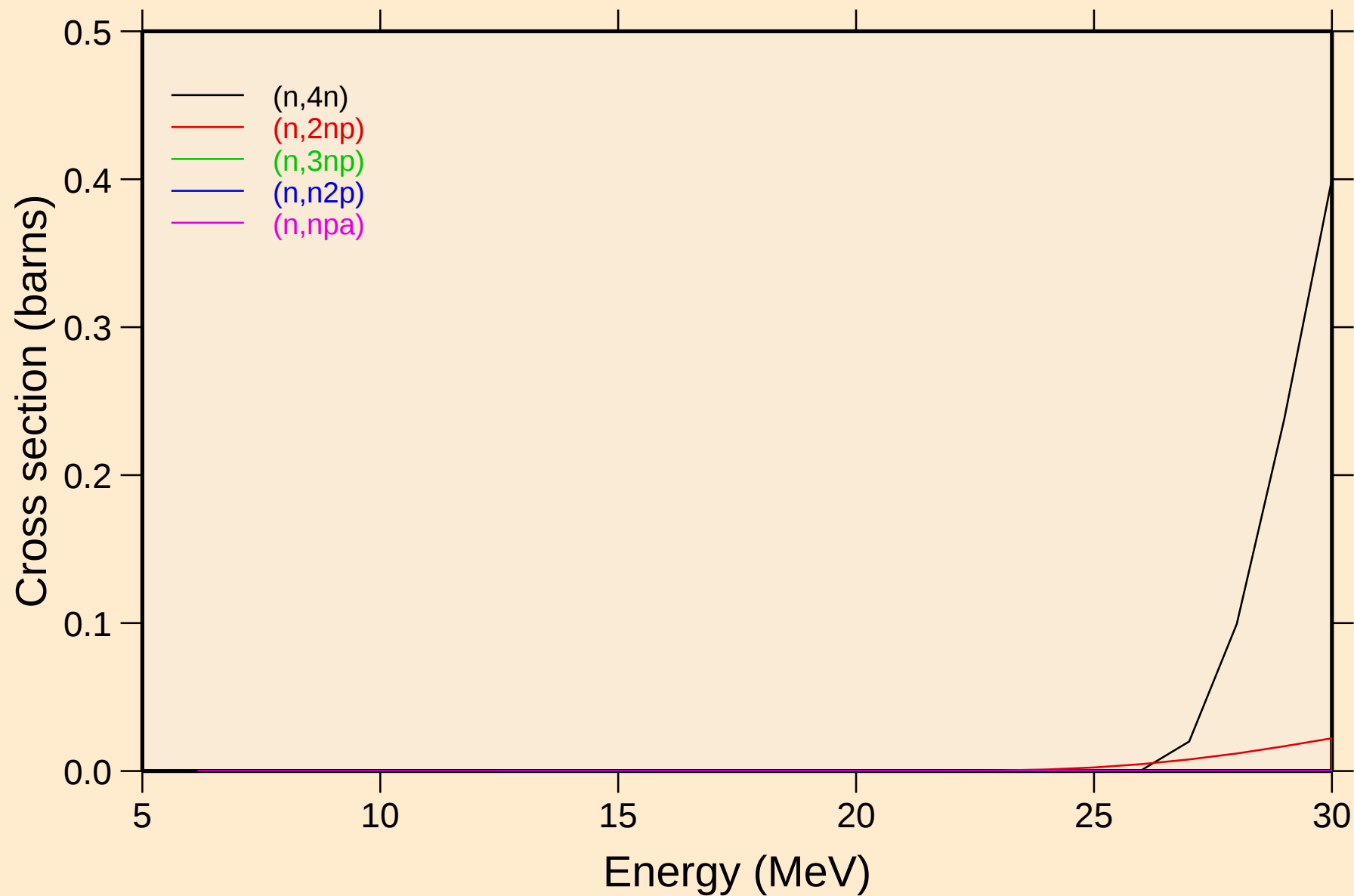
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

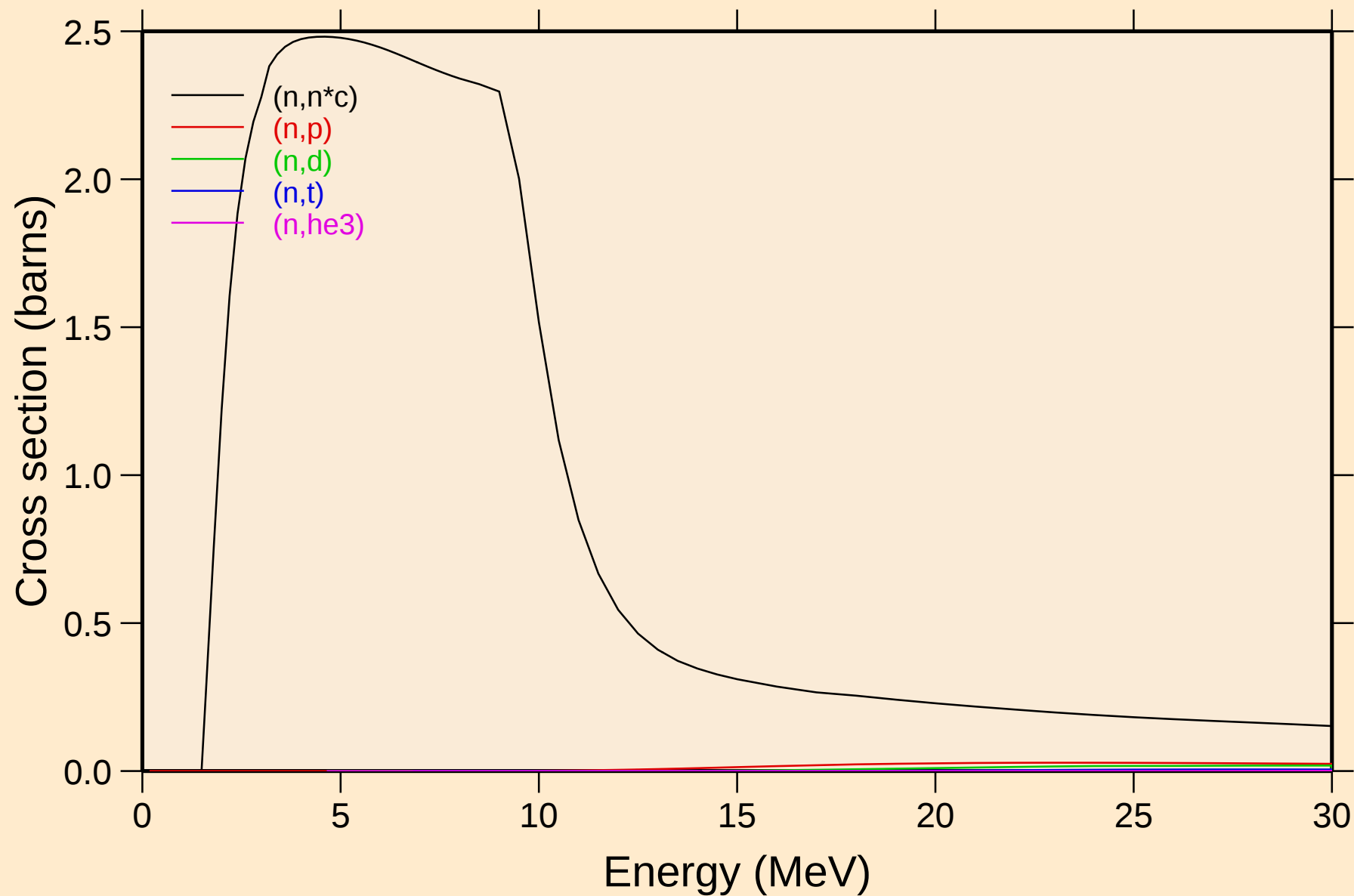


ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

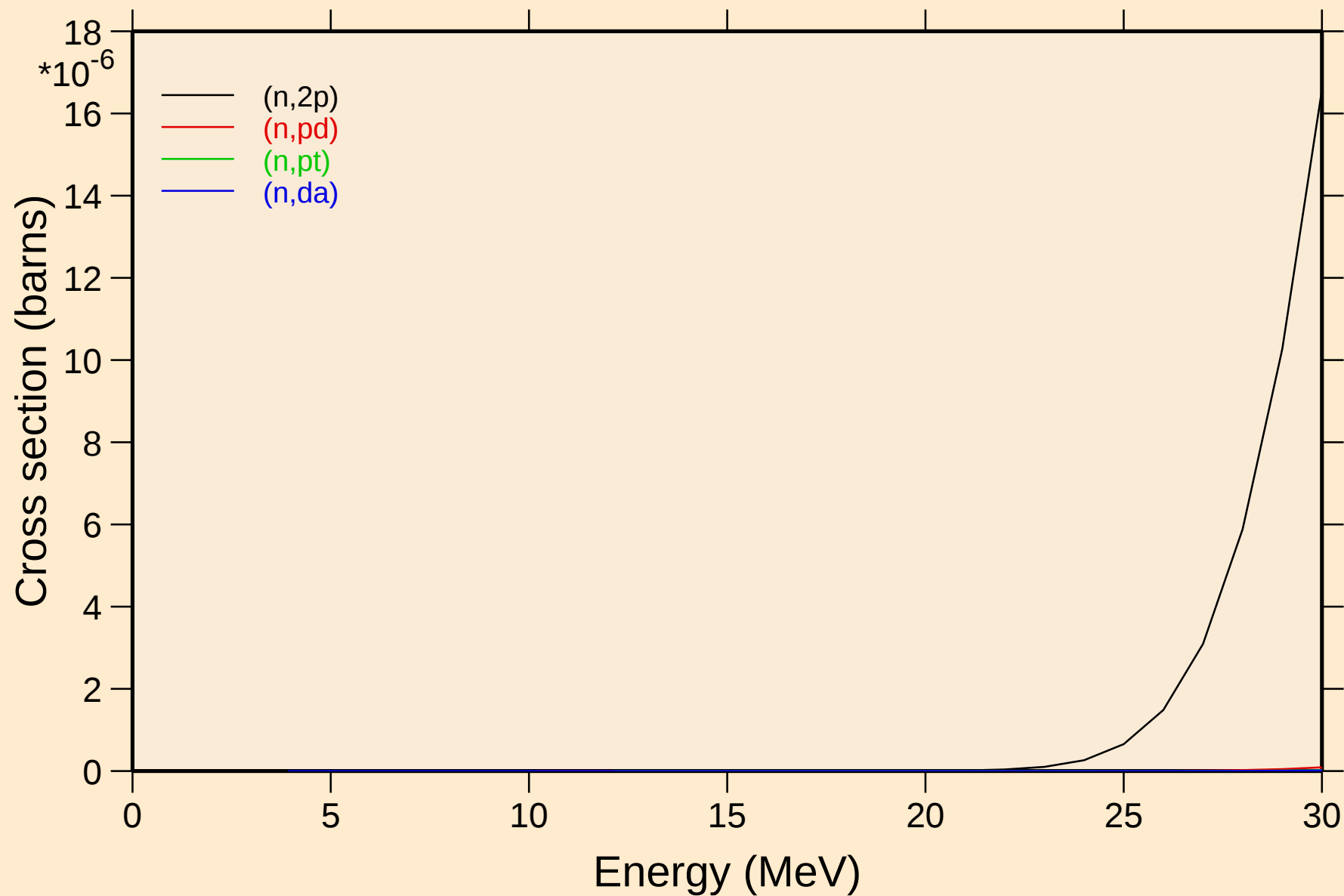


ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



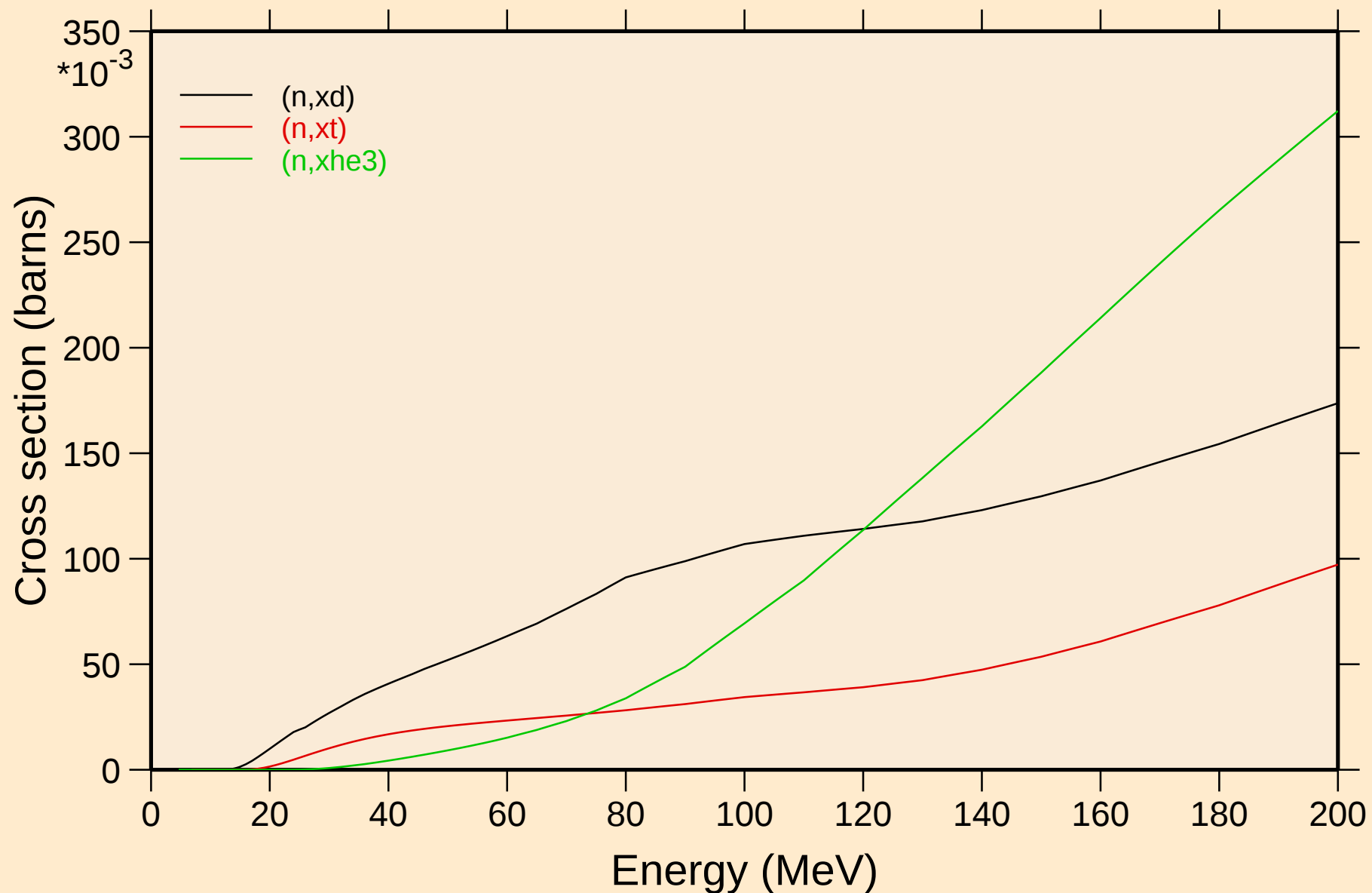
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

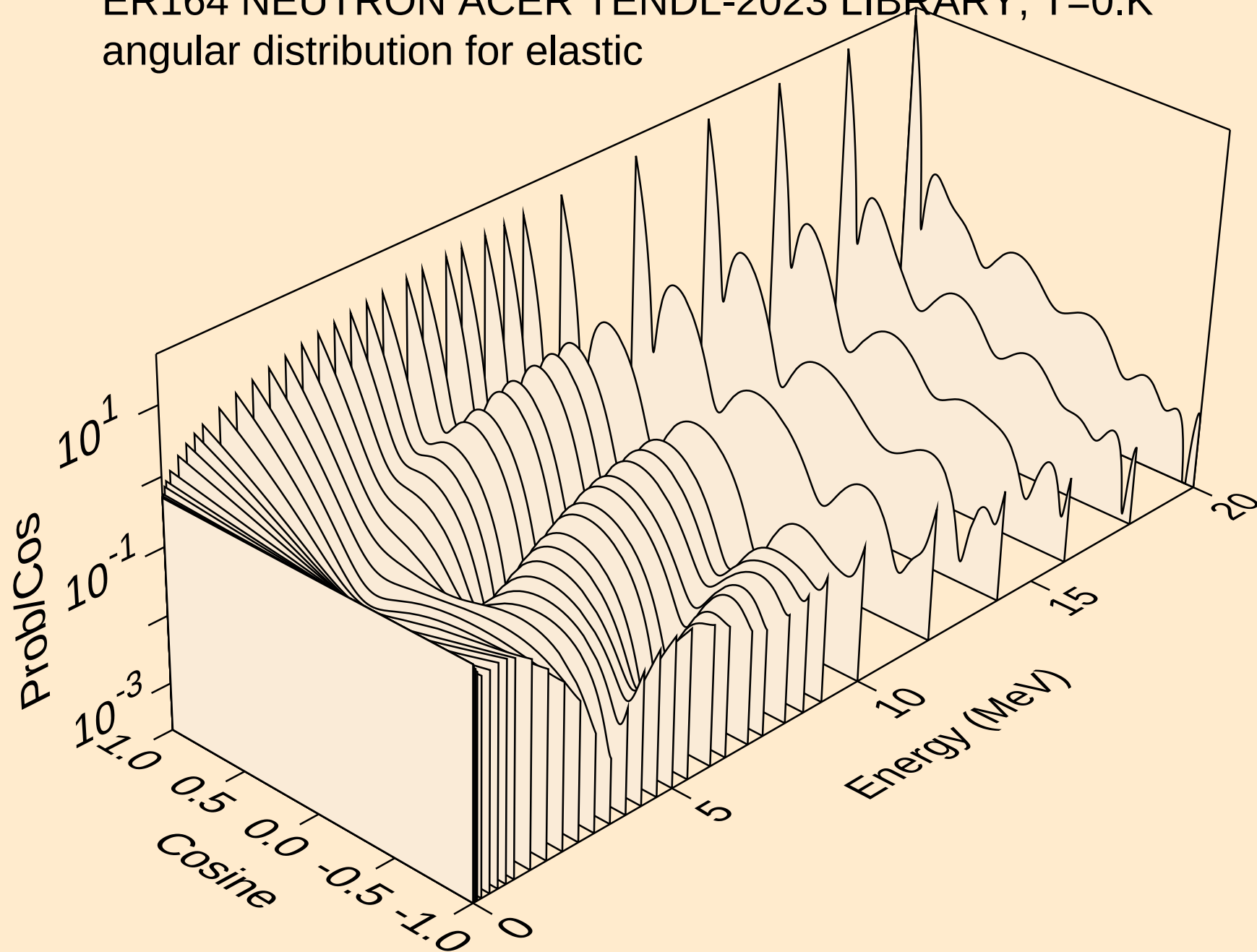


ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

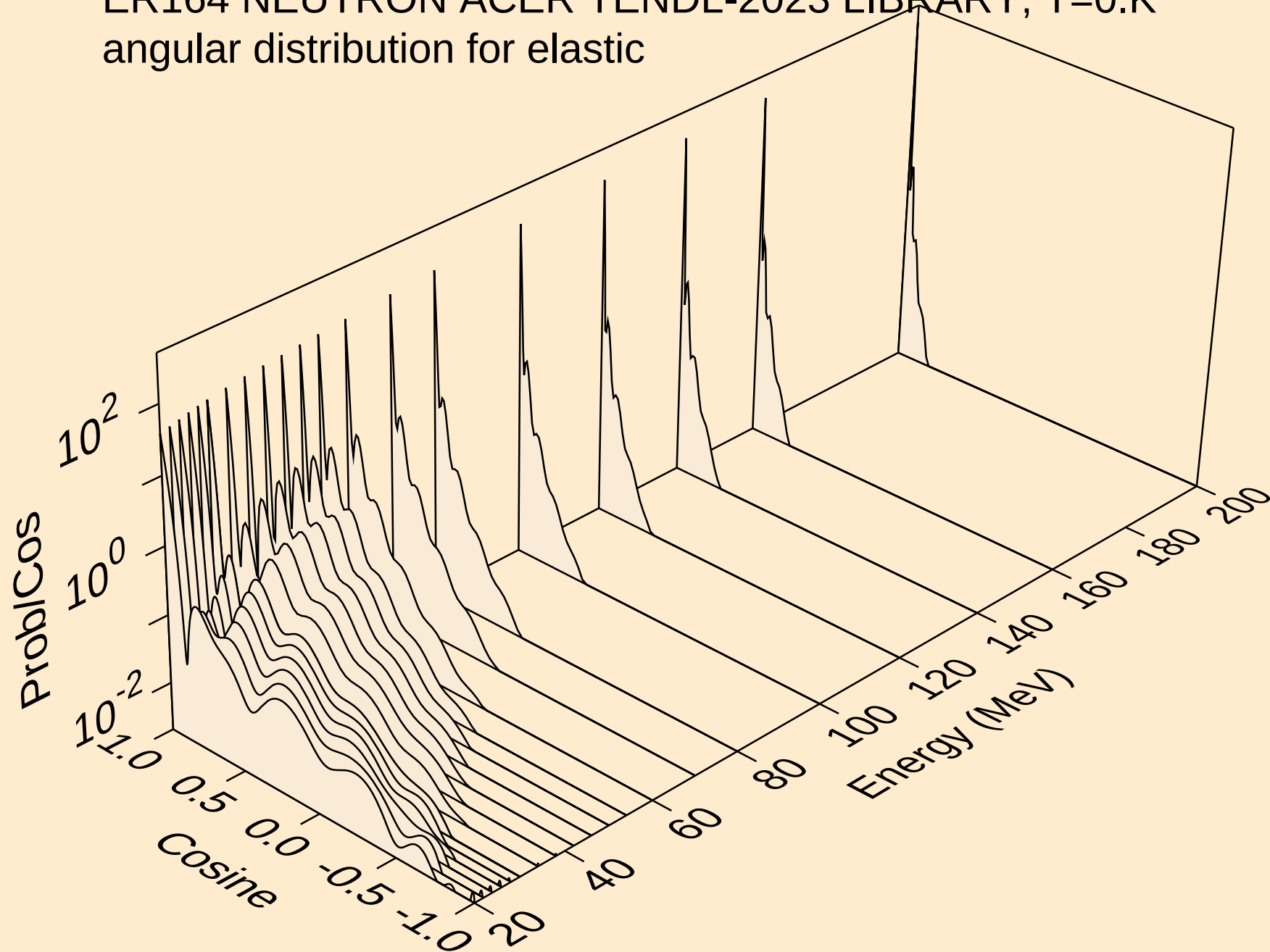
Threshold reactions



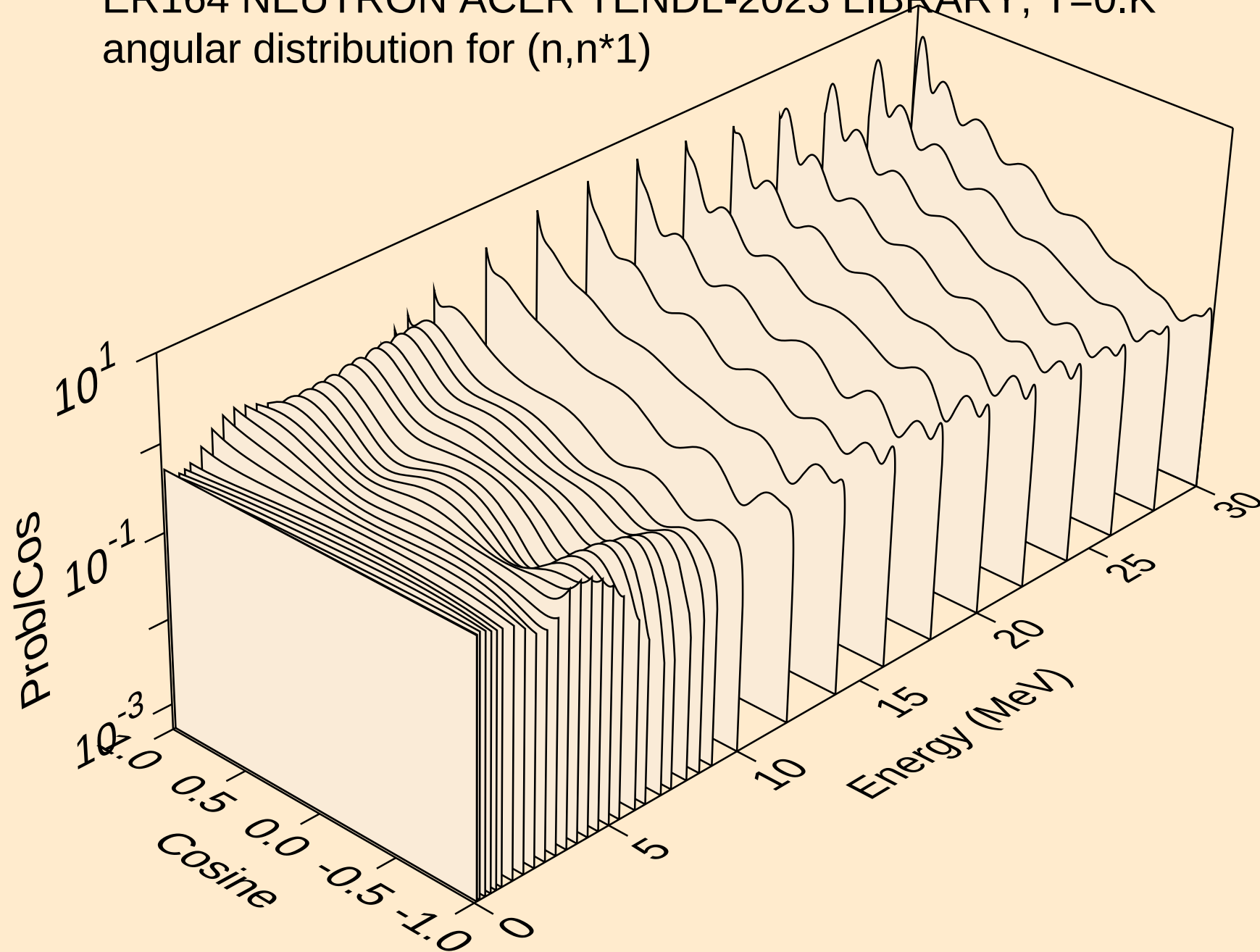
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



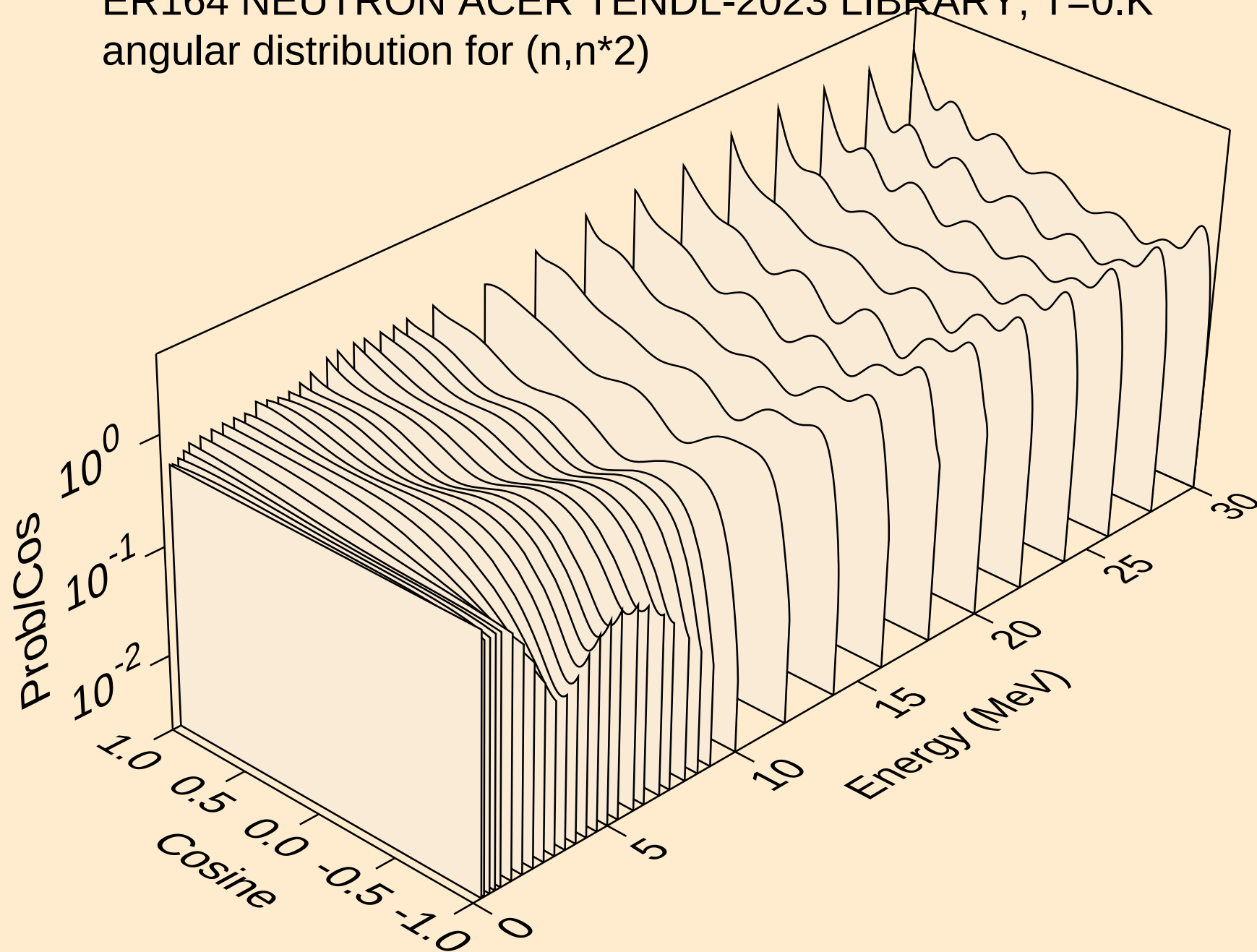
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



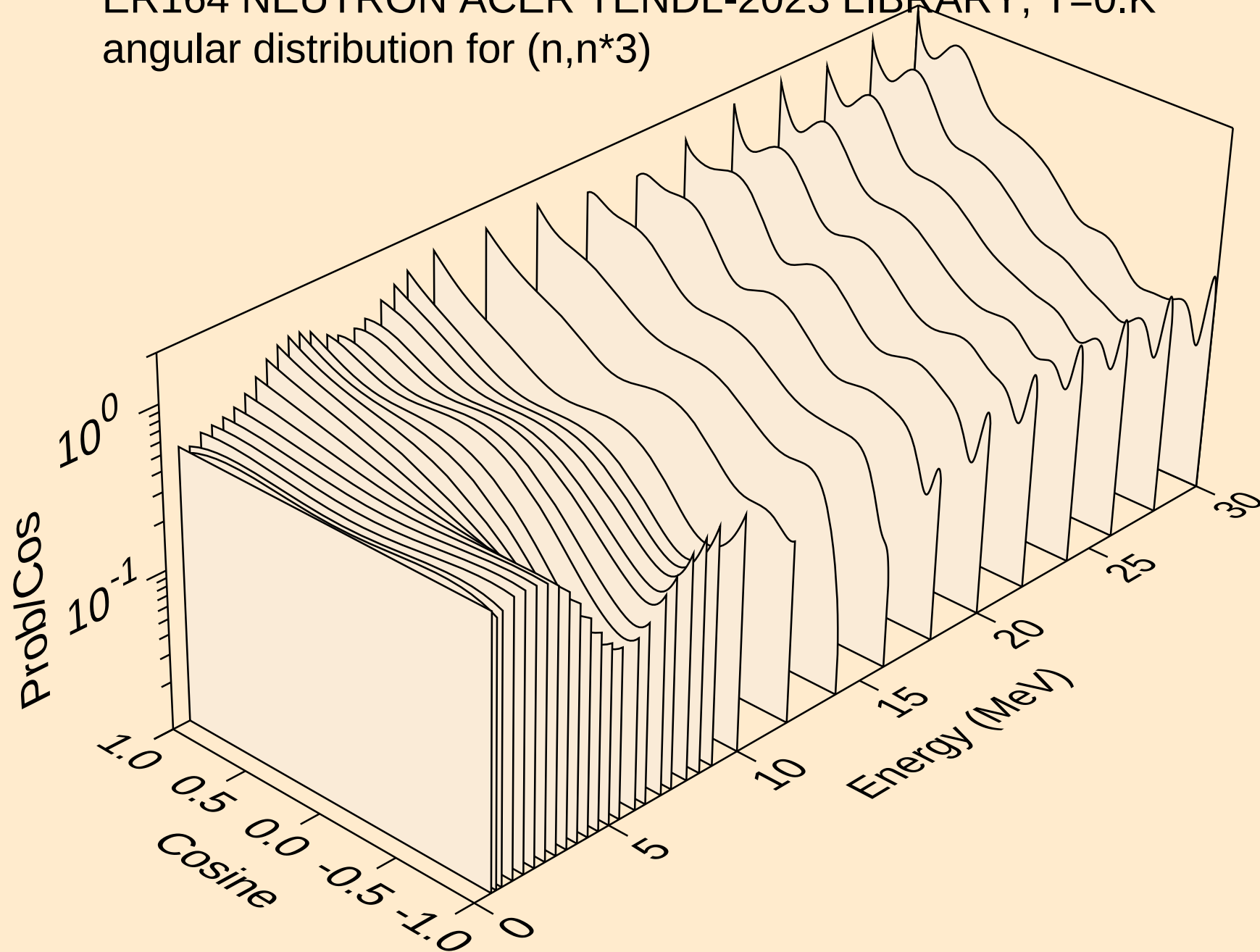
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*1)



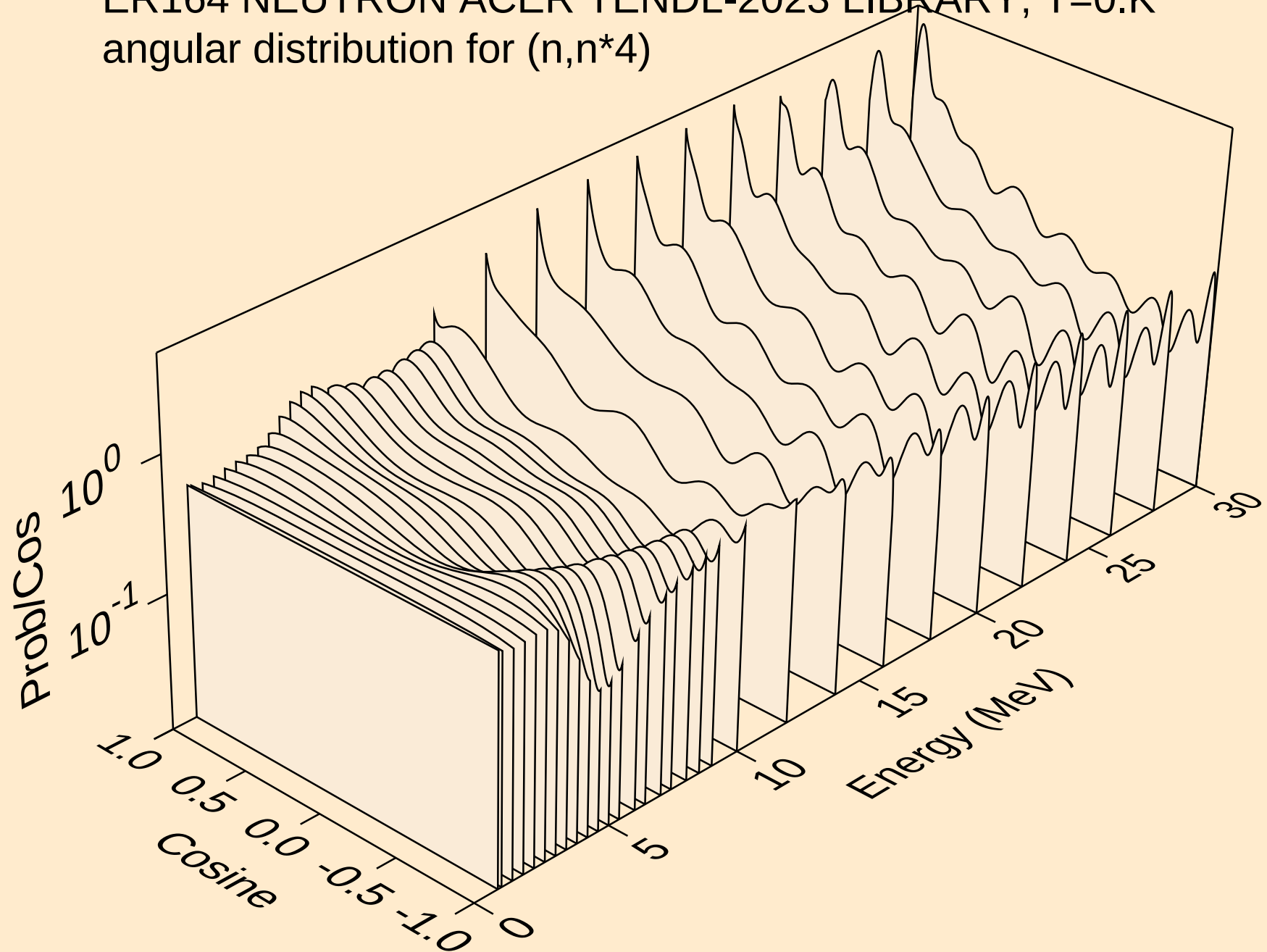
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*2)



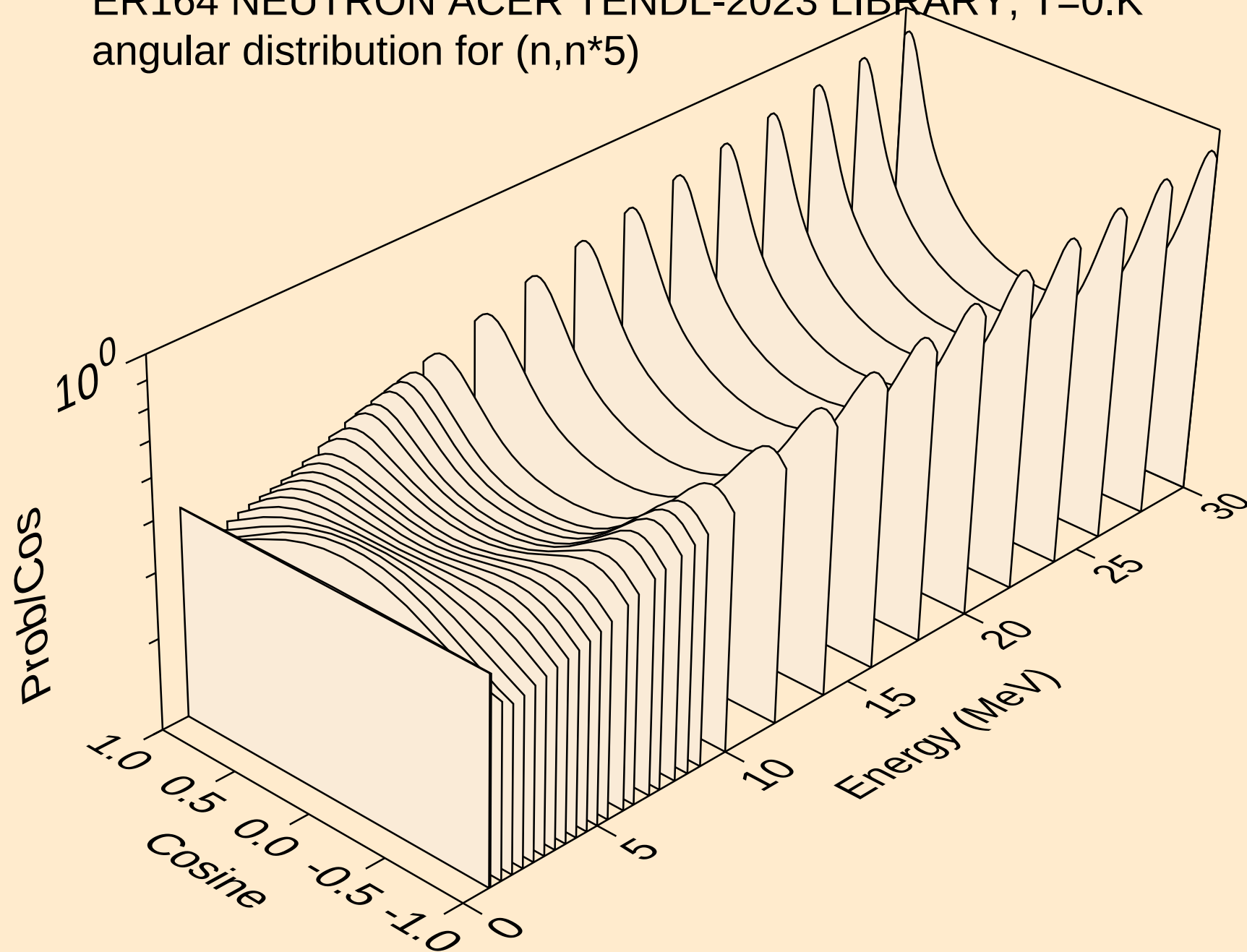
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*3)



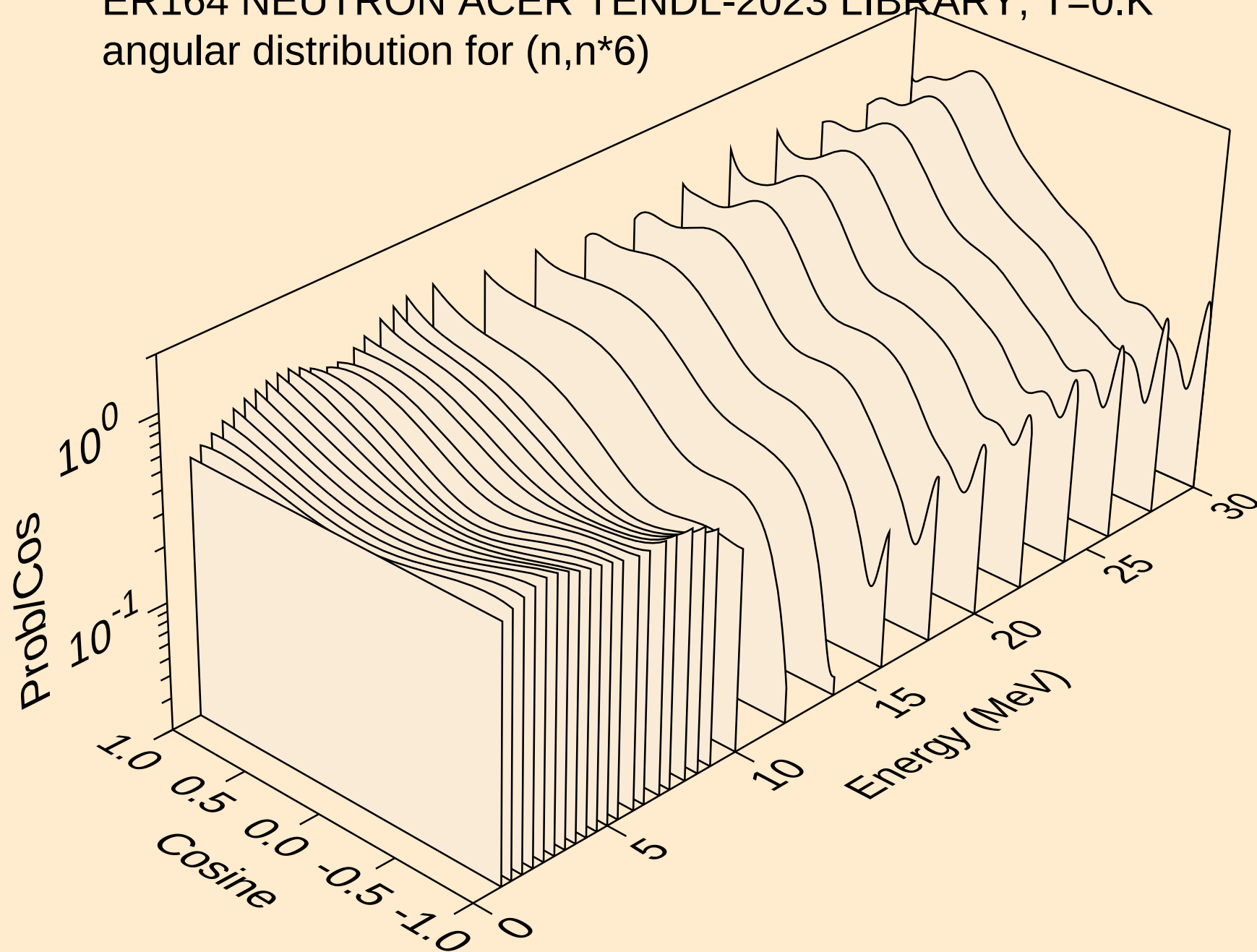
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*4)



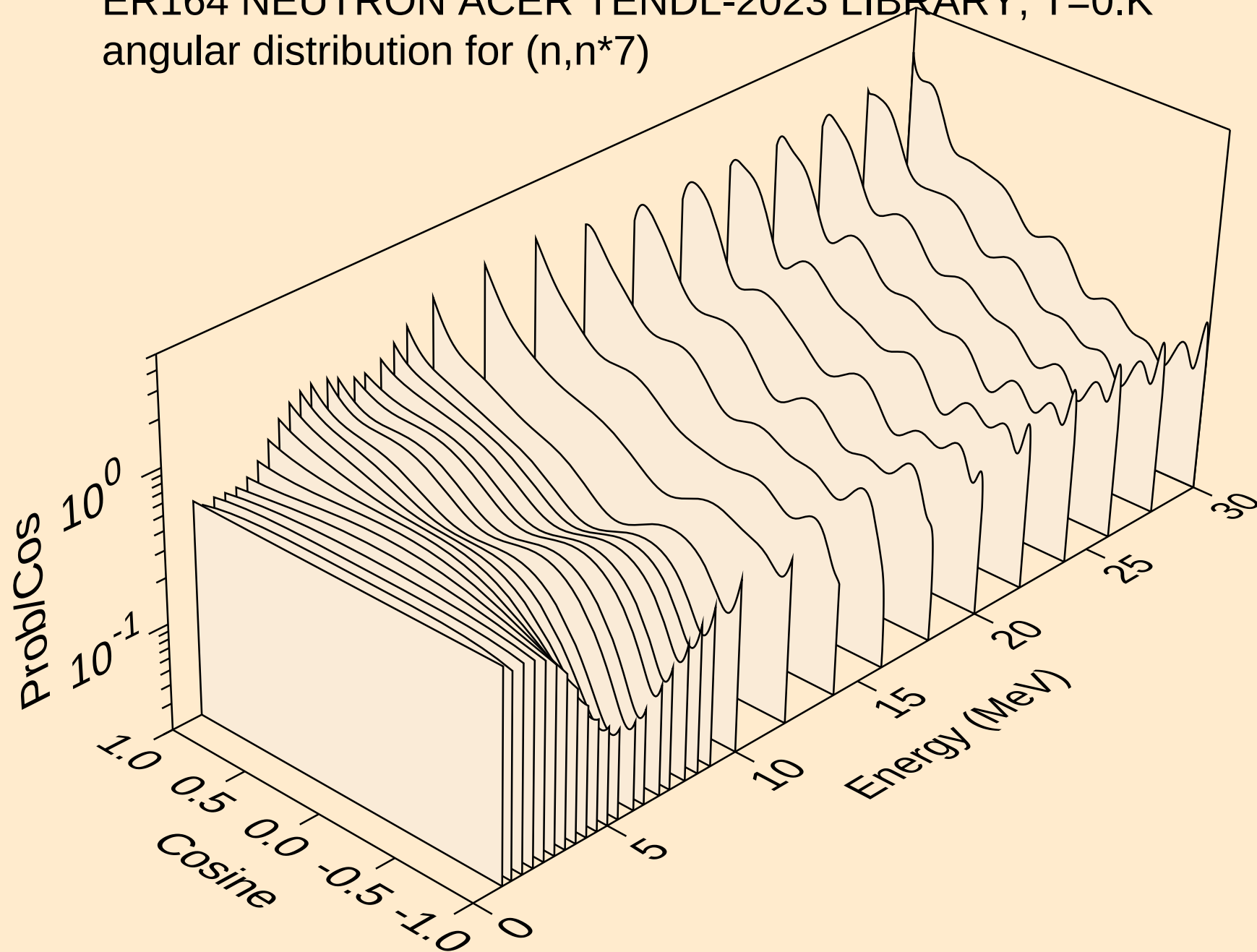
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*5)



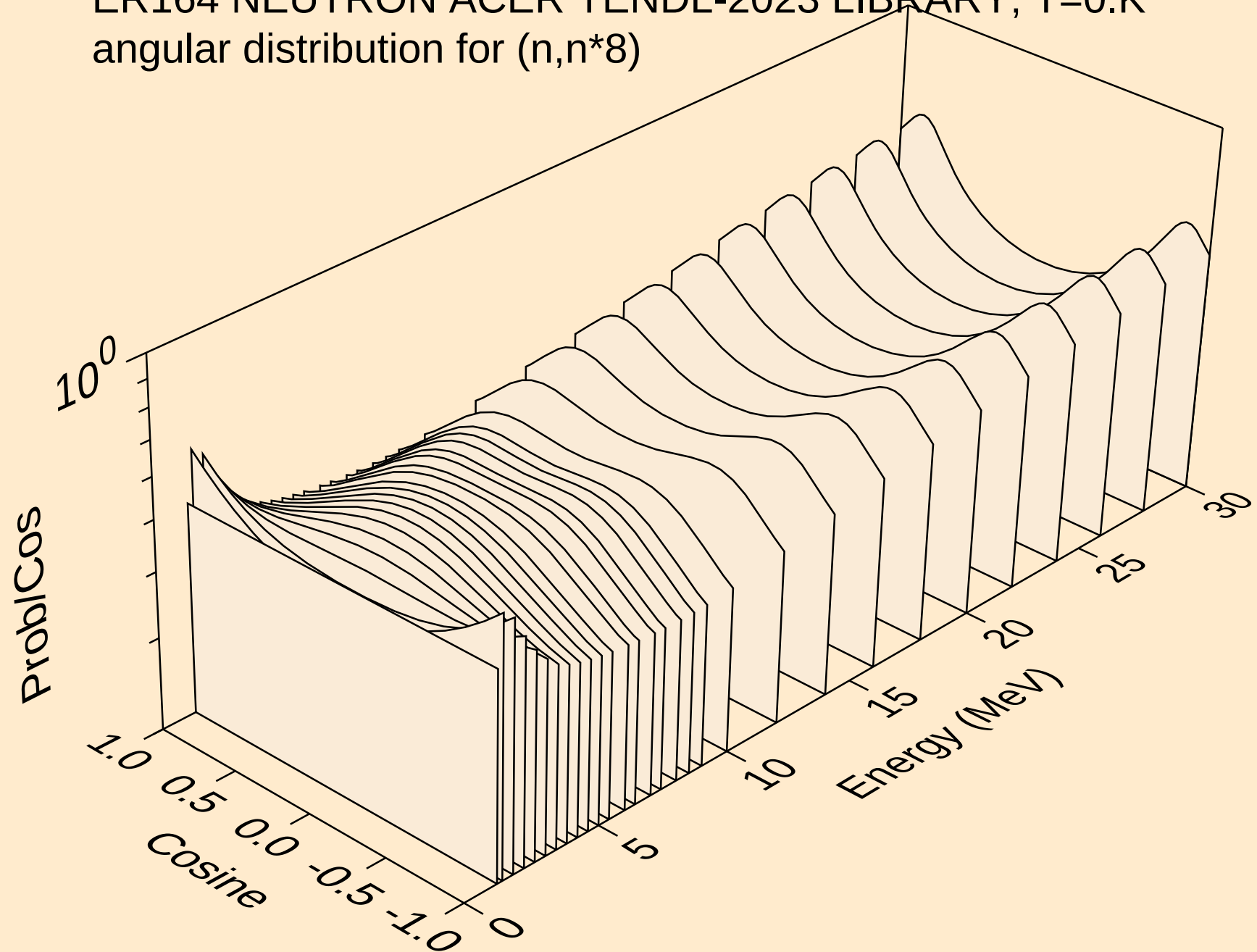
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*6)



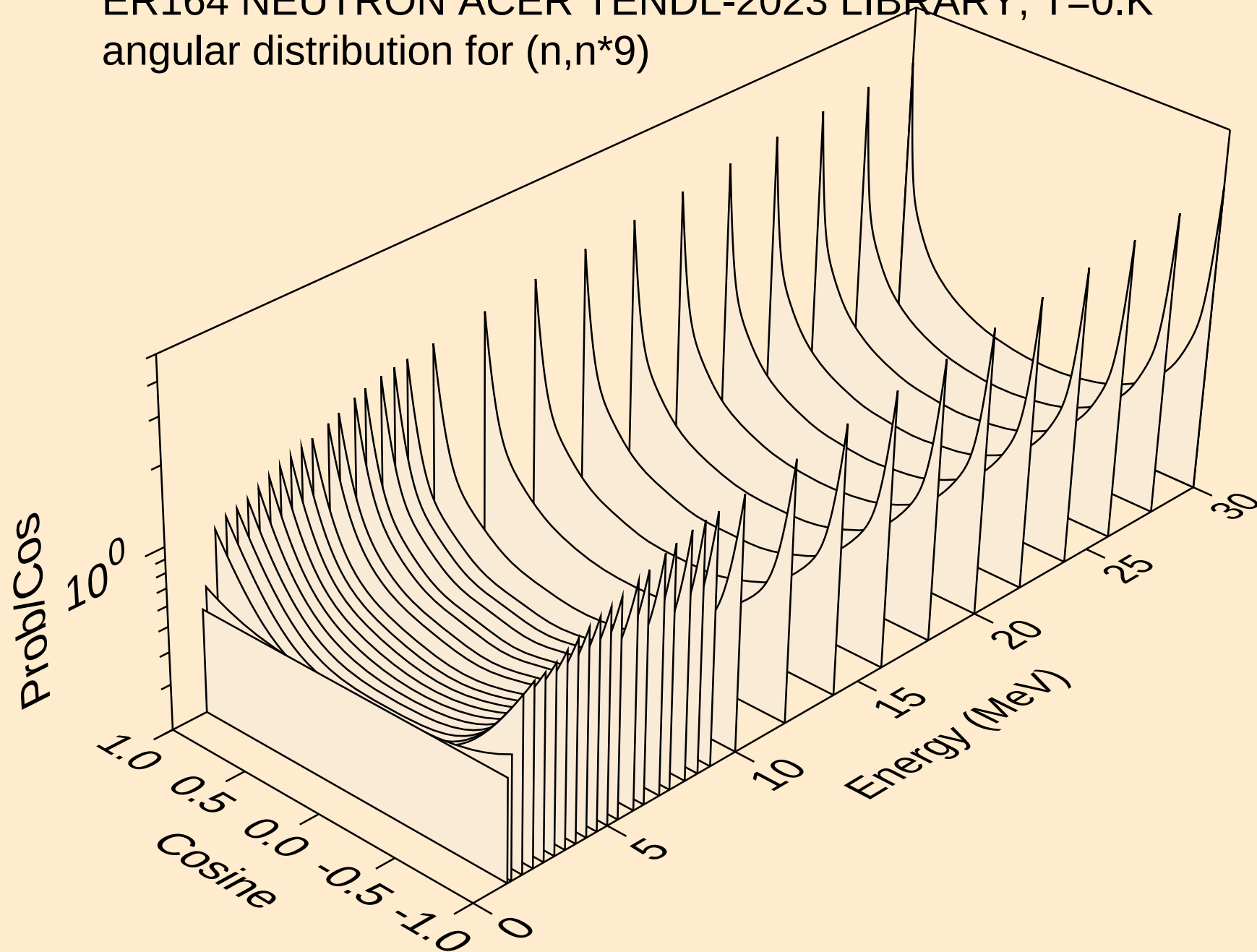
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*7)



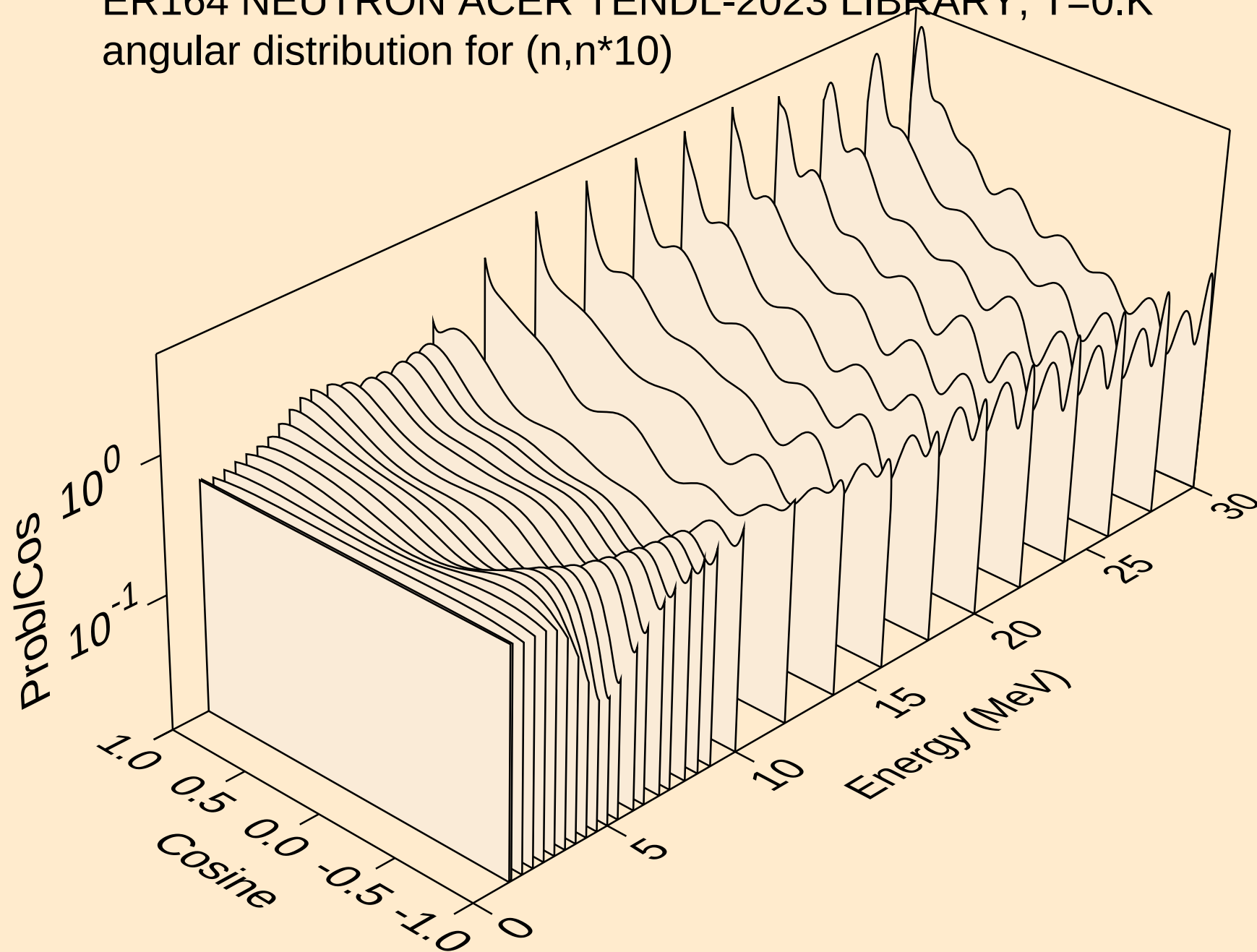
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*8)



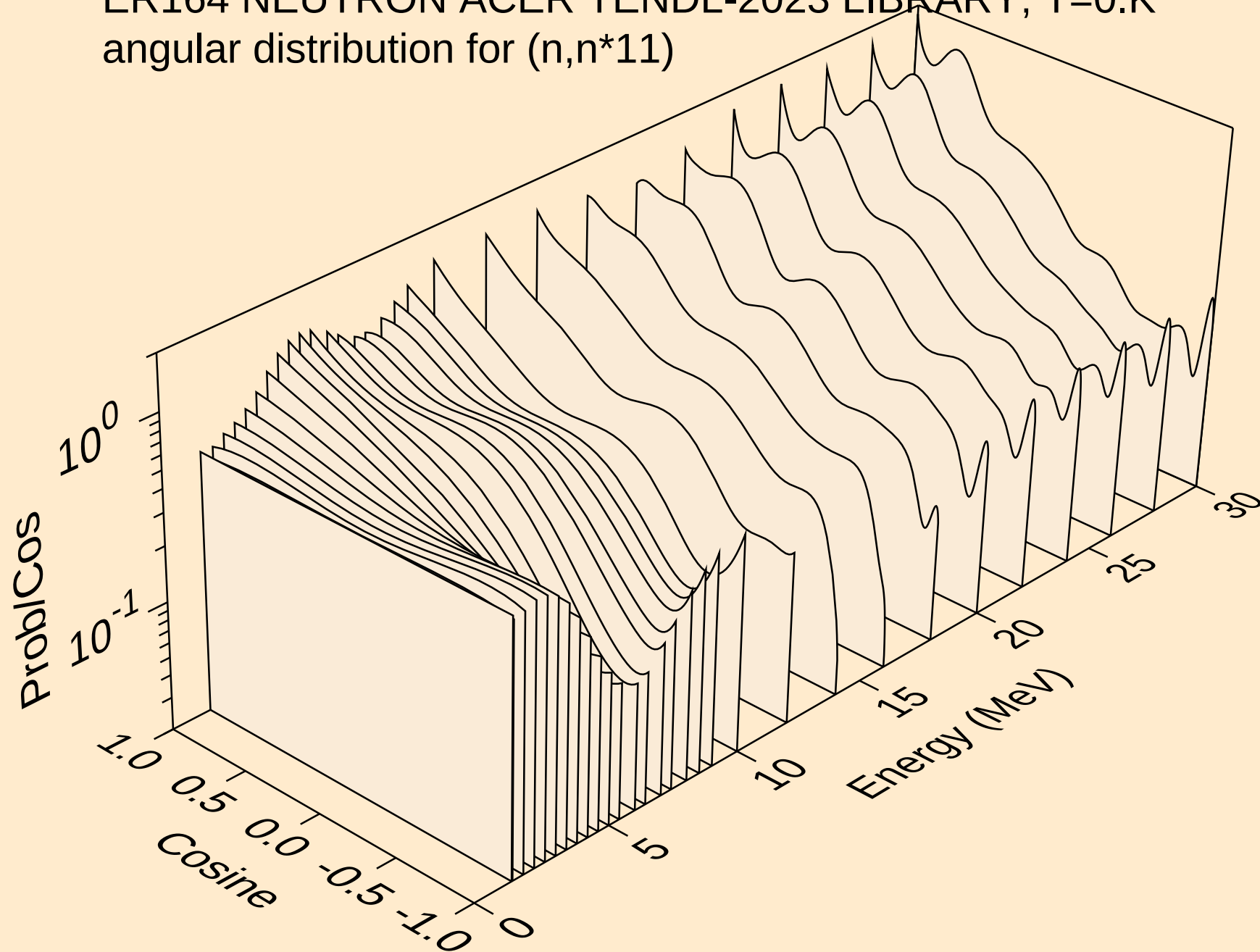
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*9)



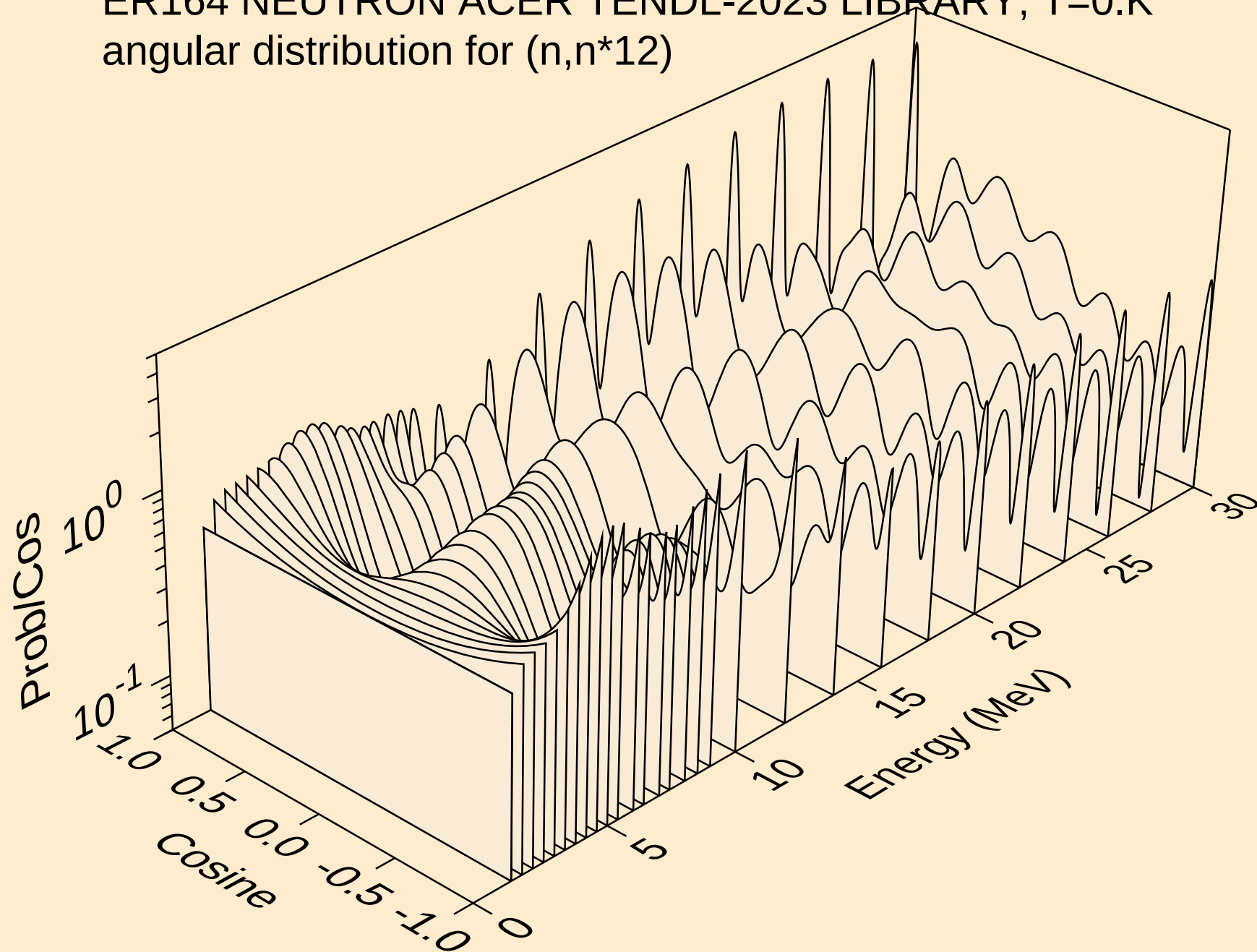
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*10)



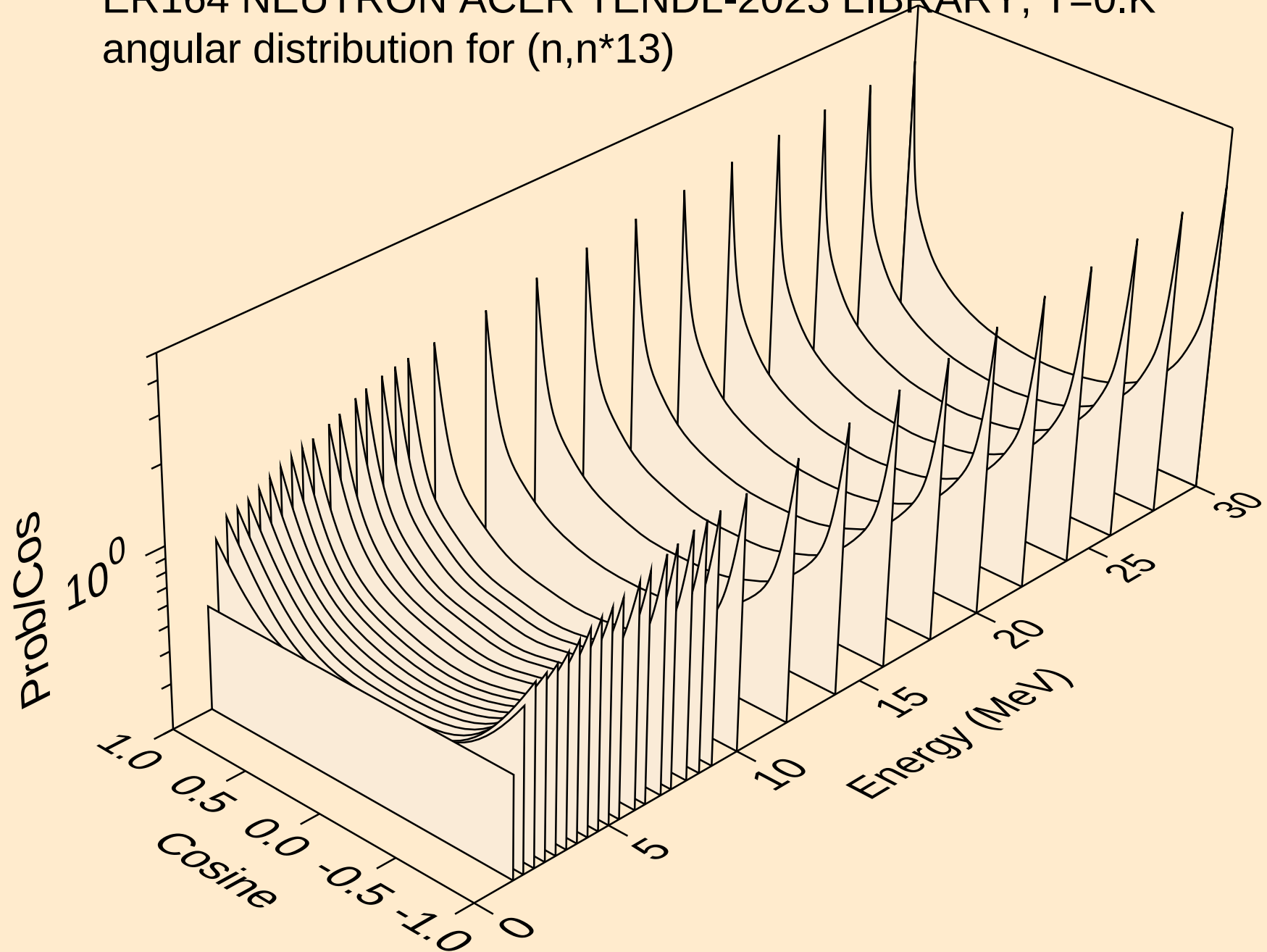
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*11)



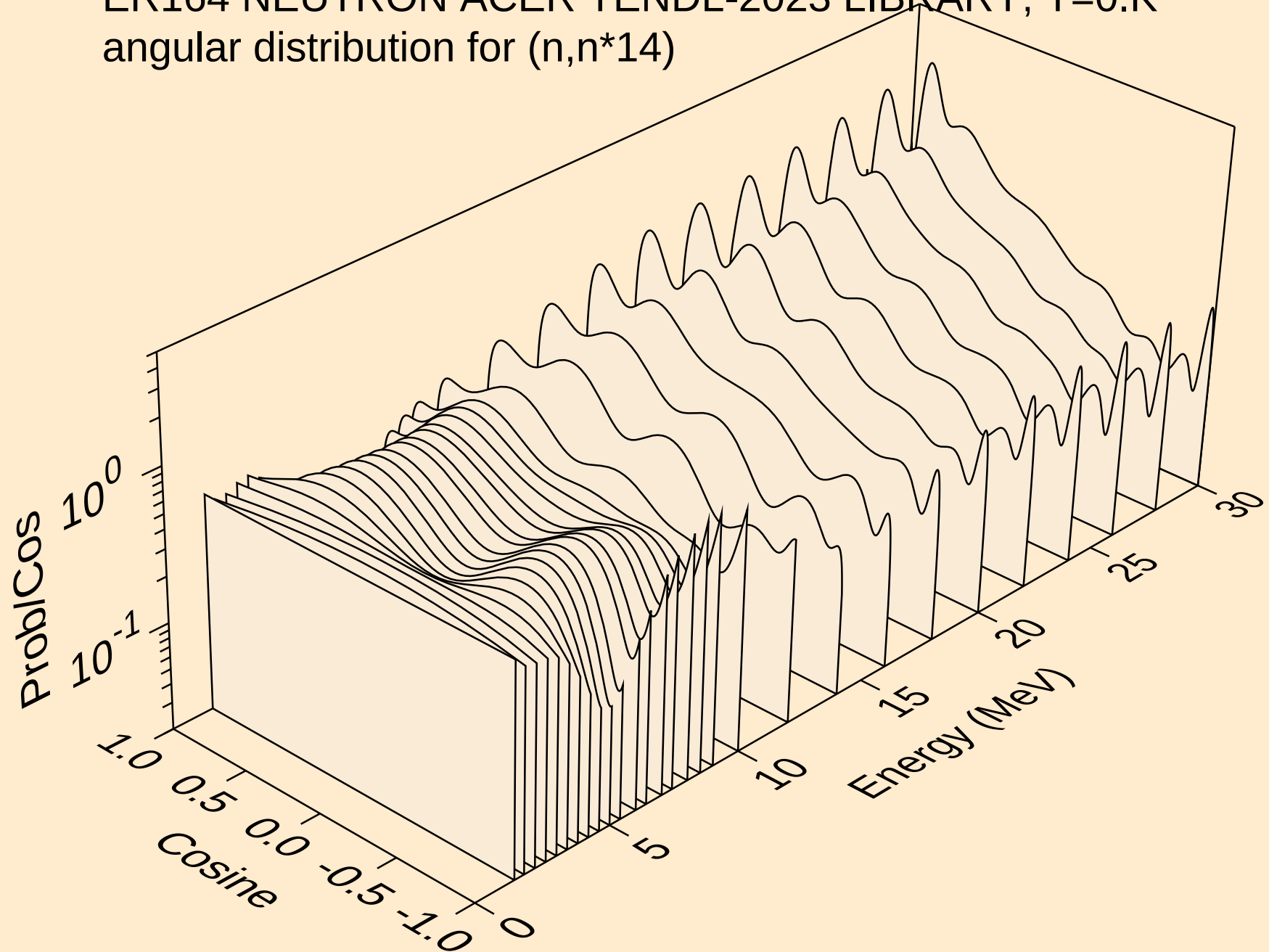
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*12)



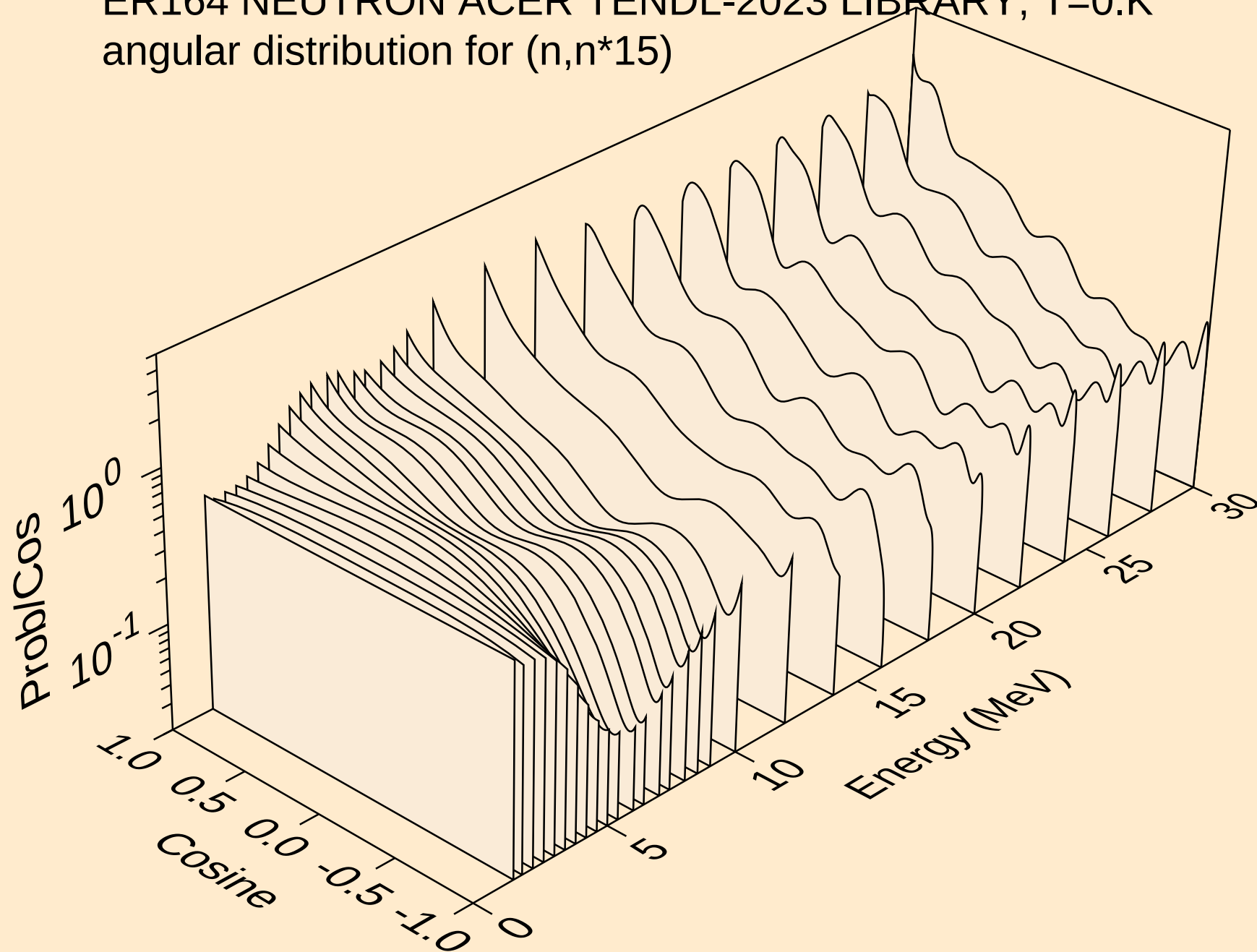
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*13)



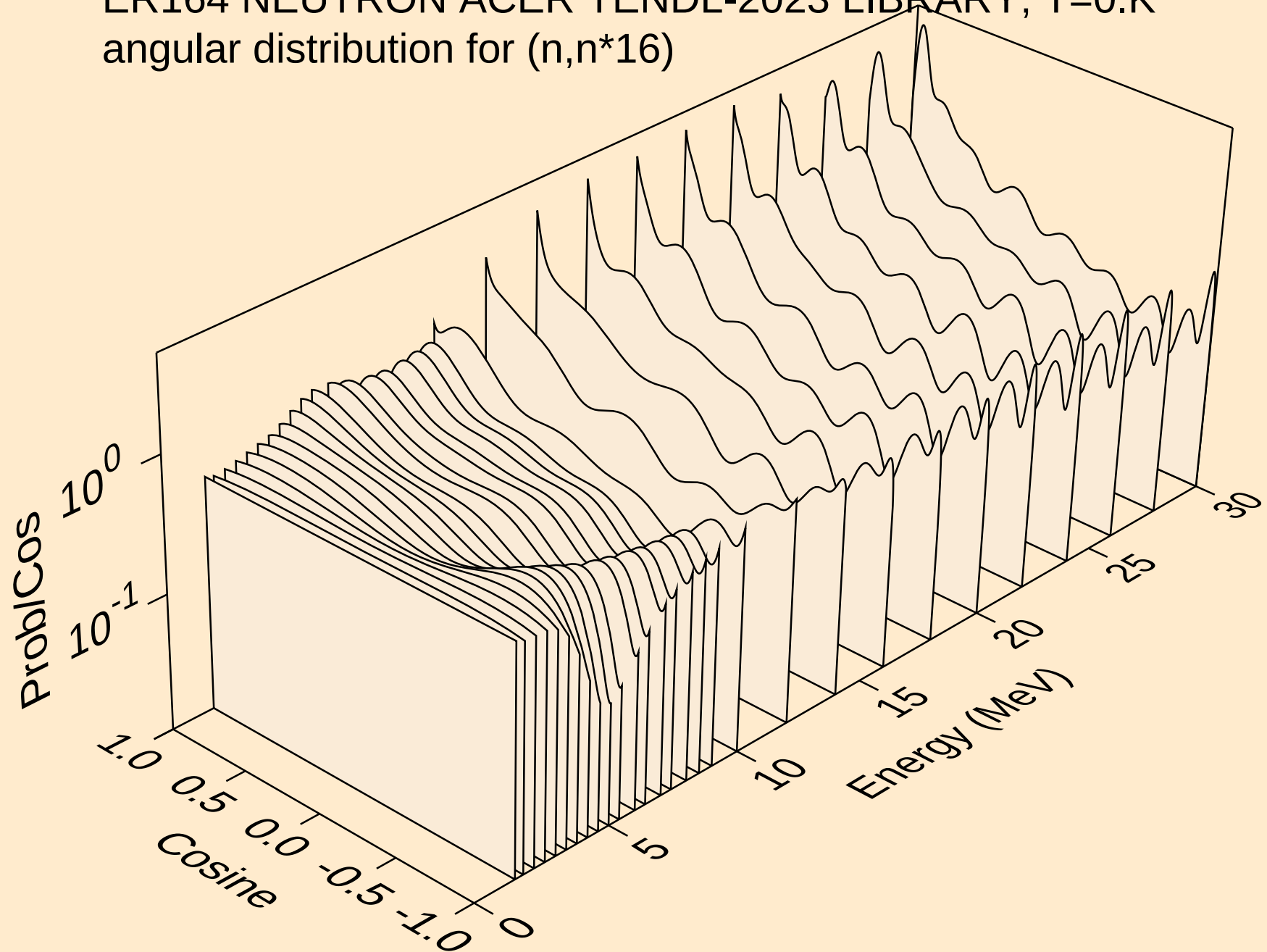
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*14)



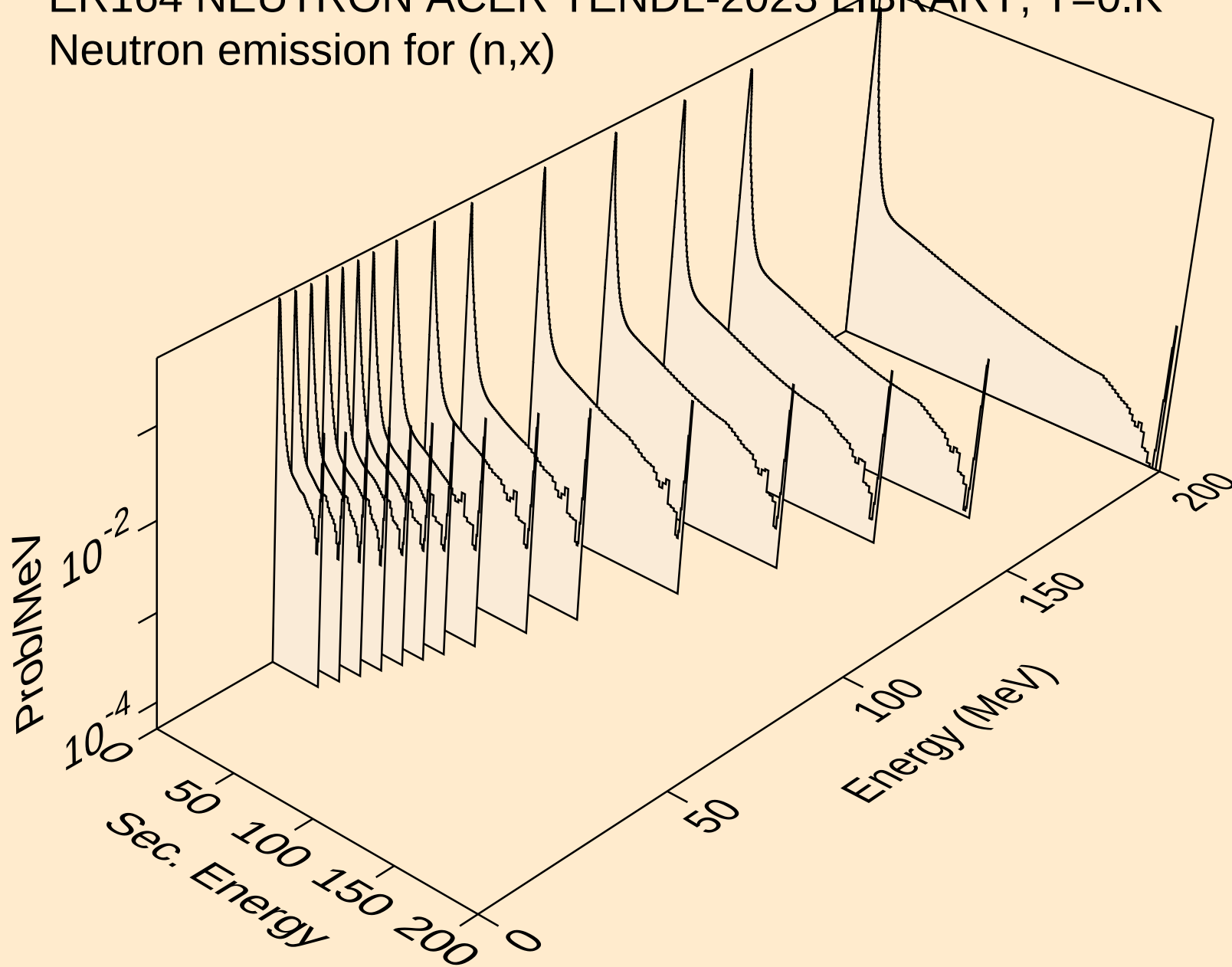
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angular distribution for (n,n*15)



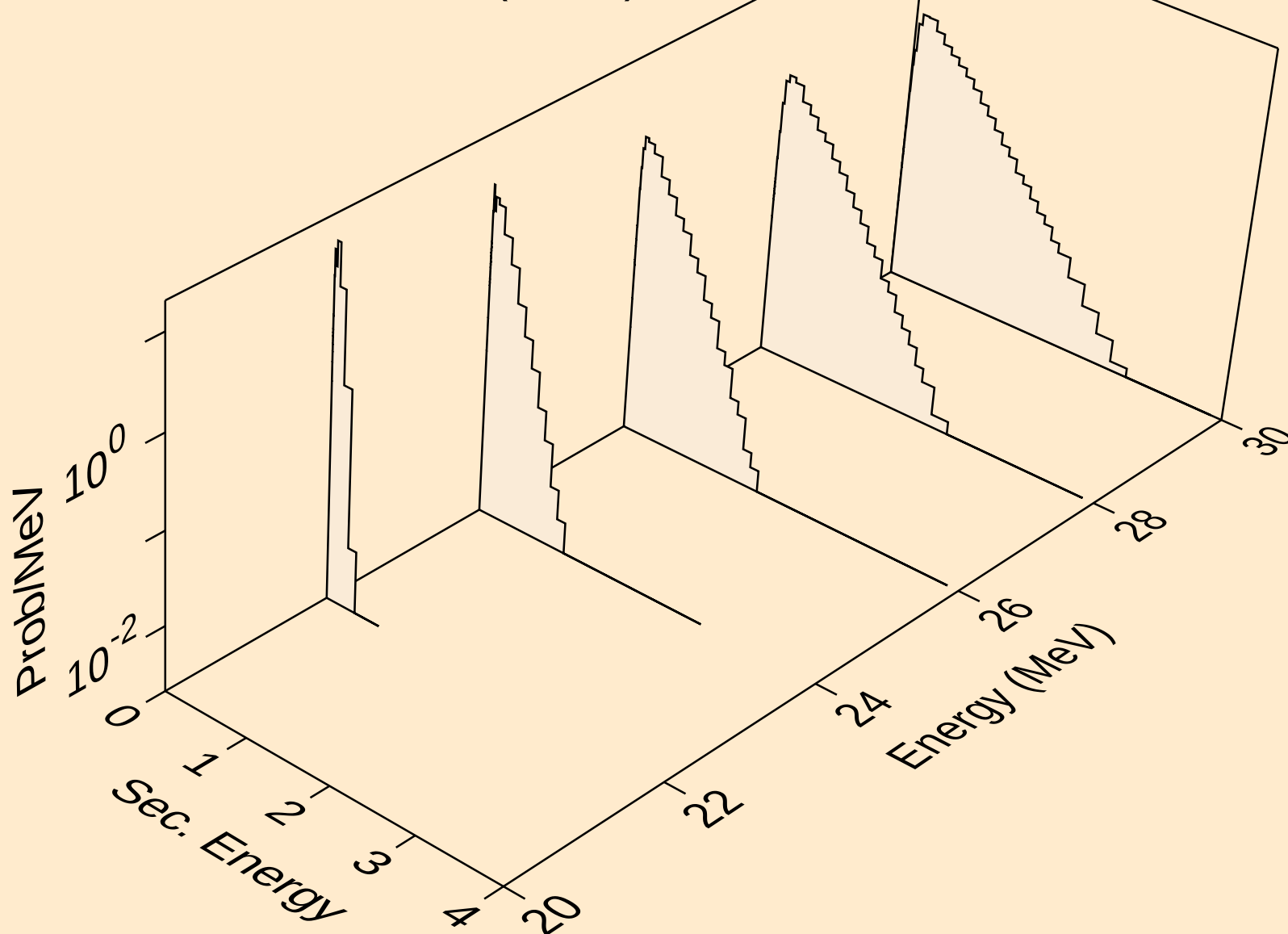
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*16)



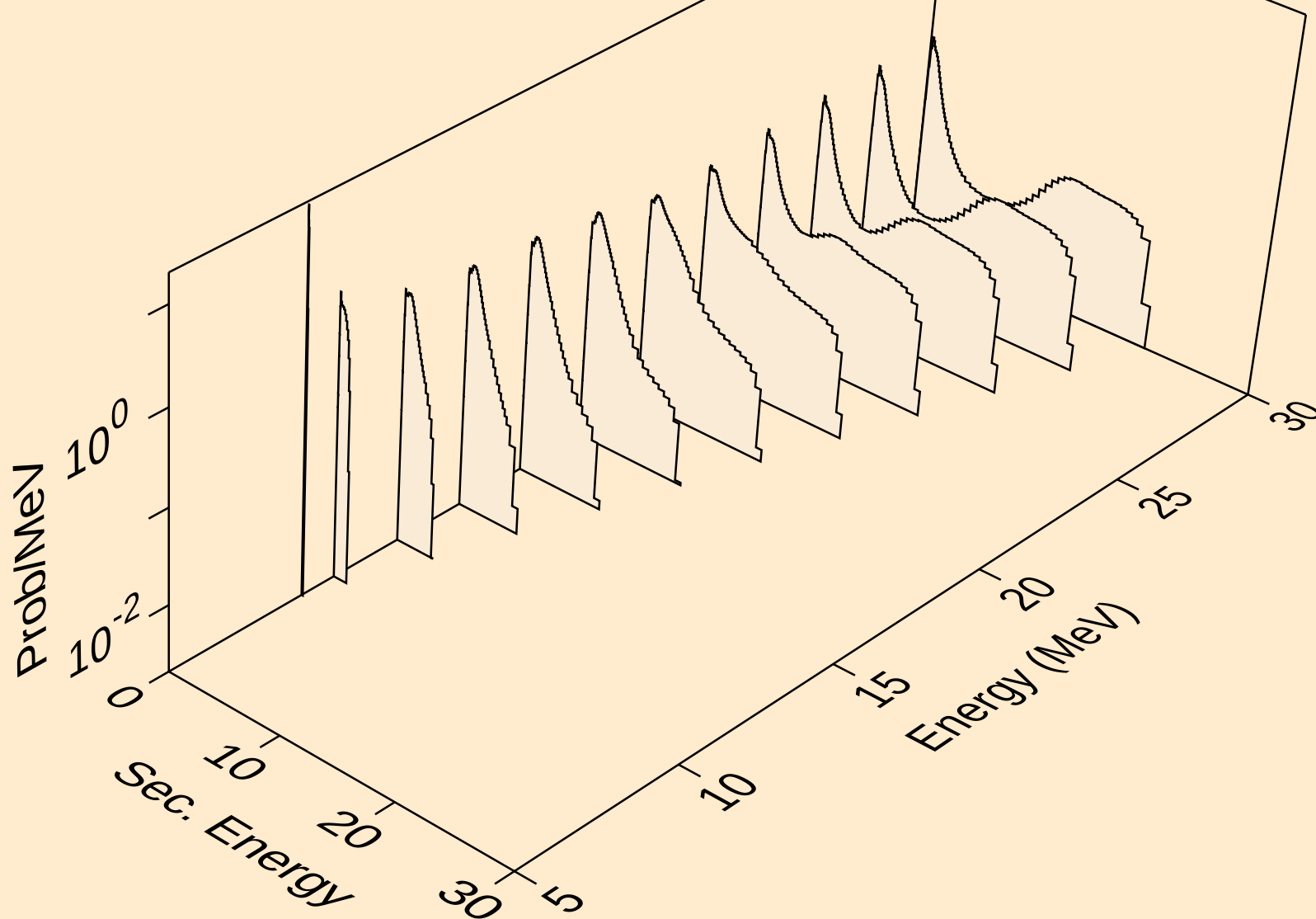
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,x)



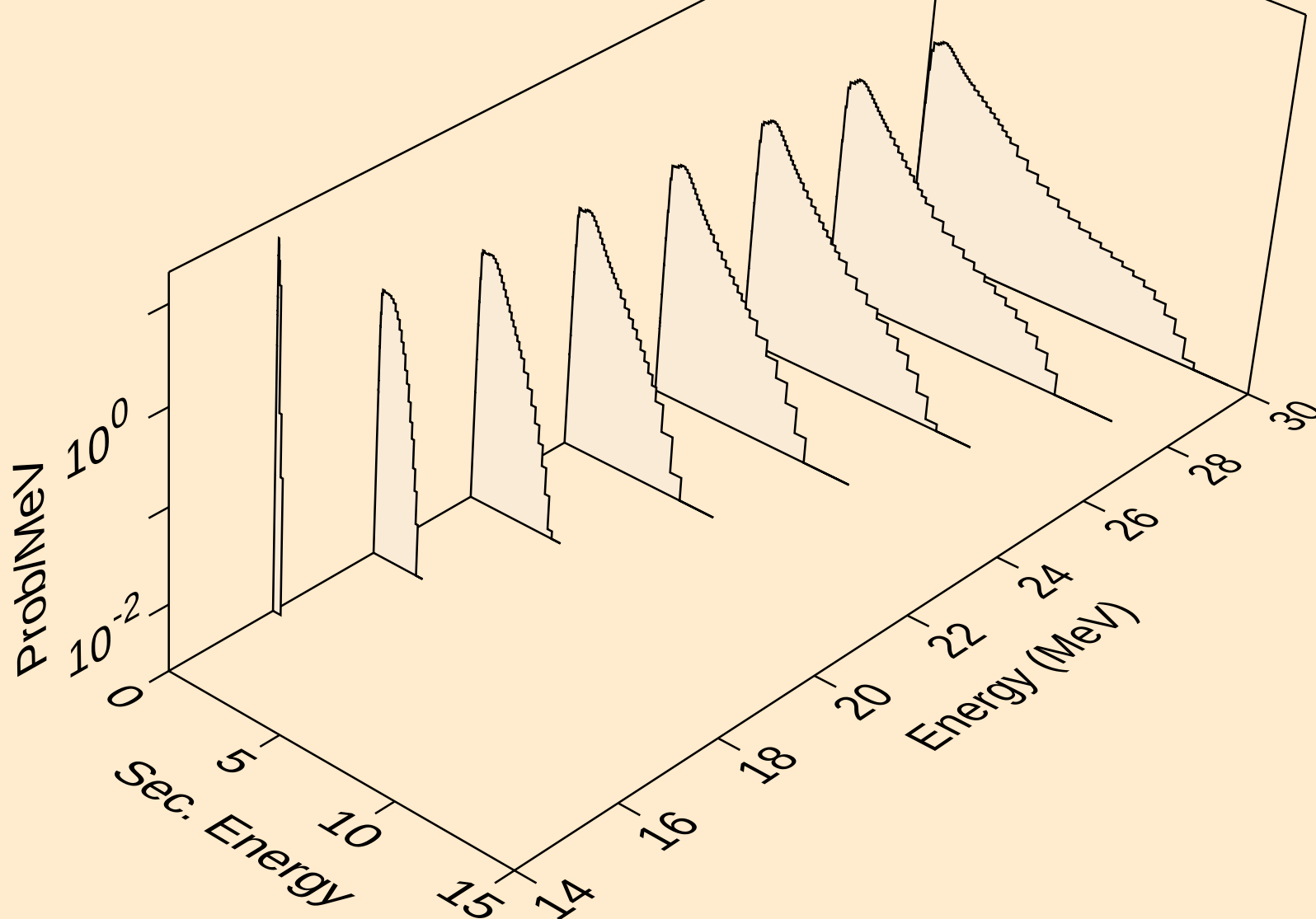
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2nd)



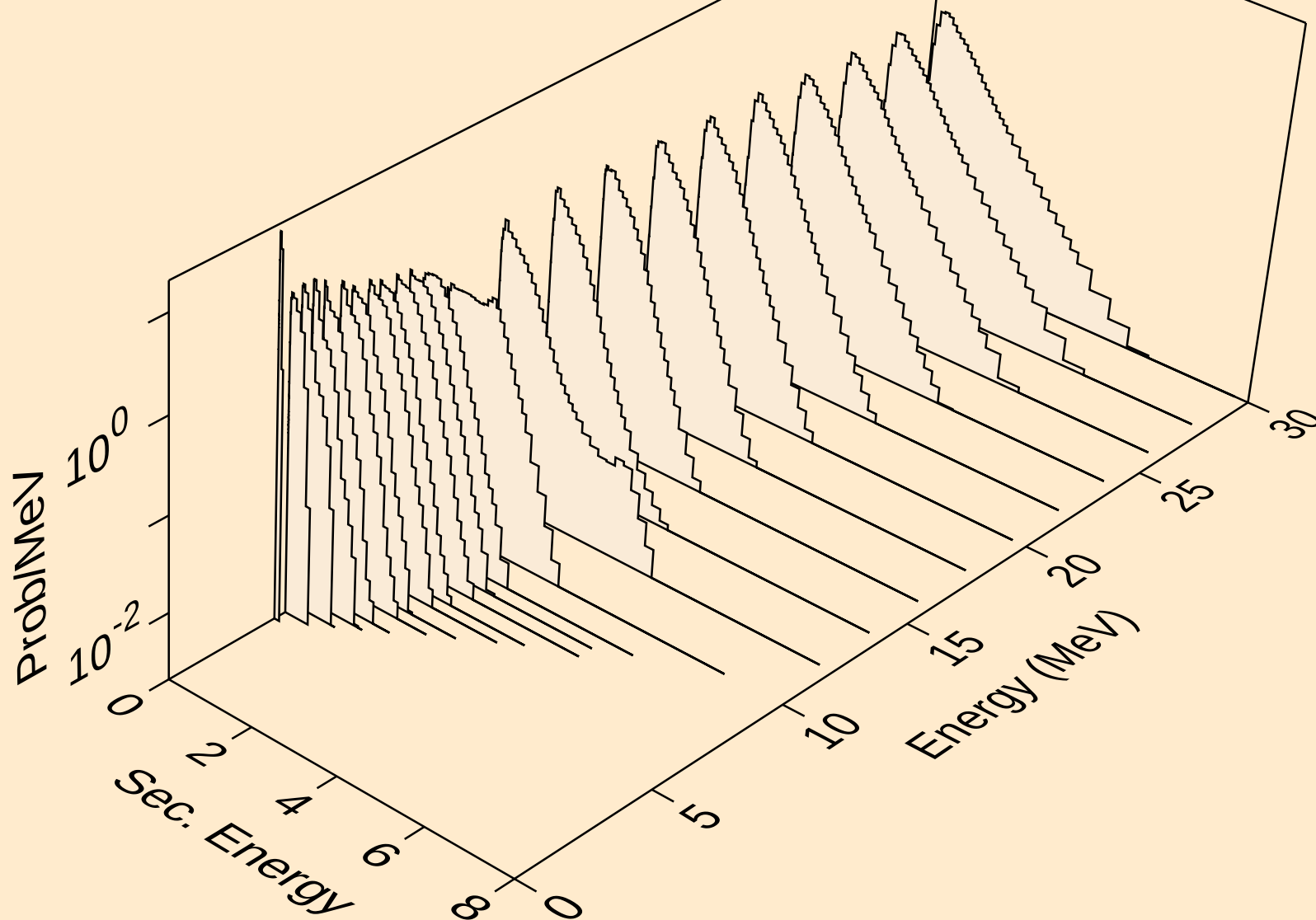
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)



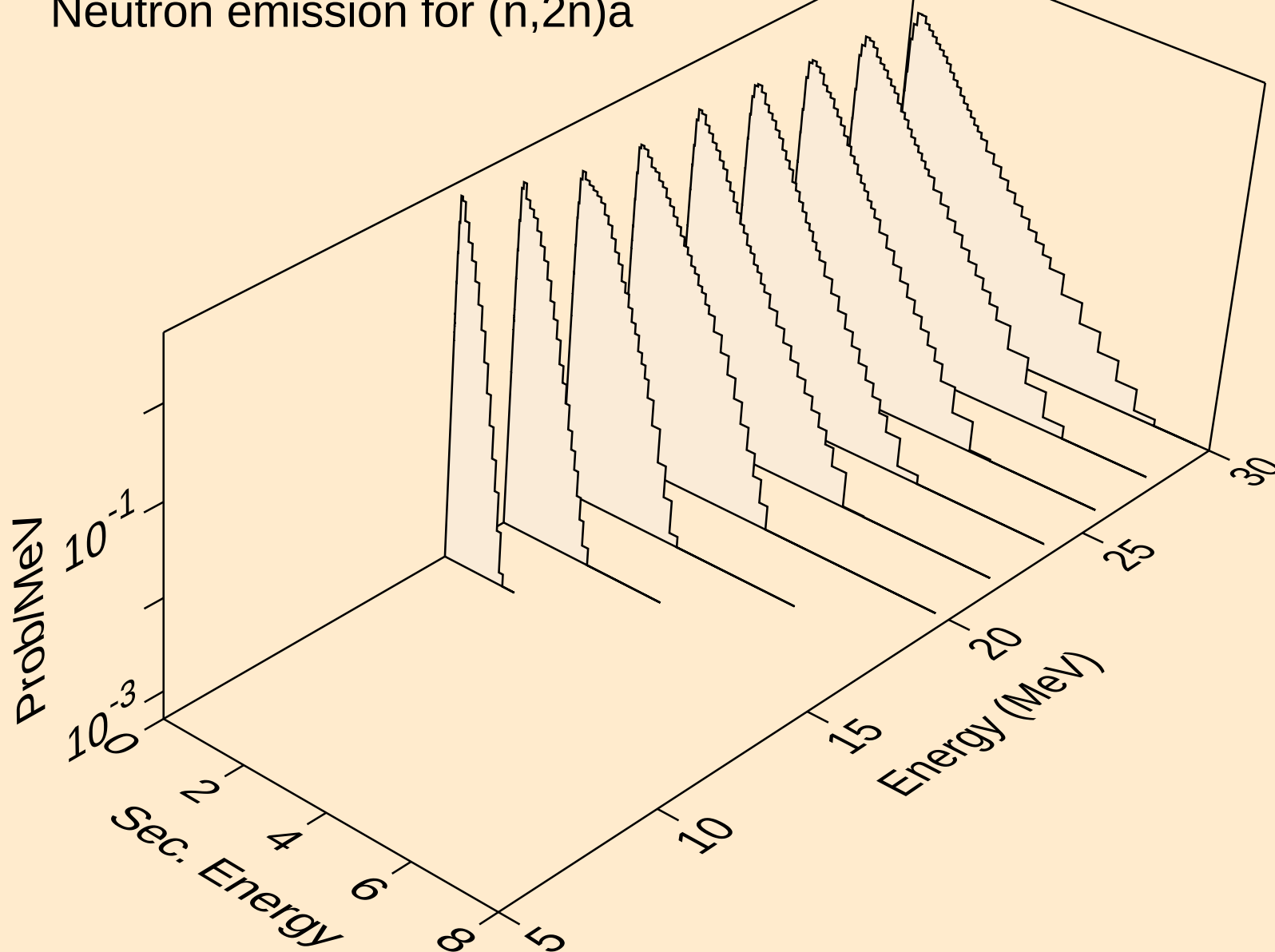
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)



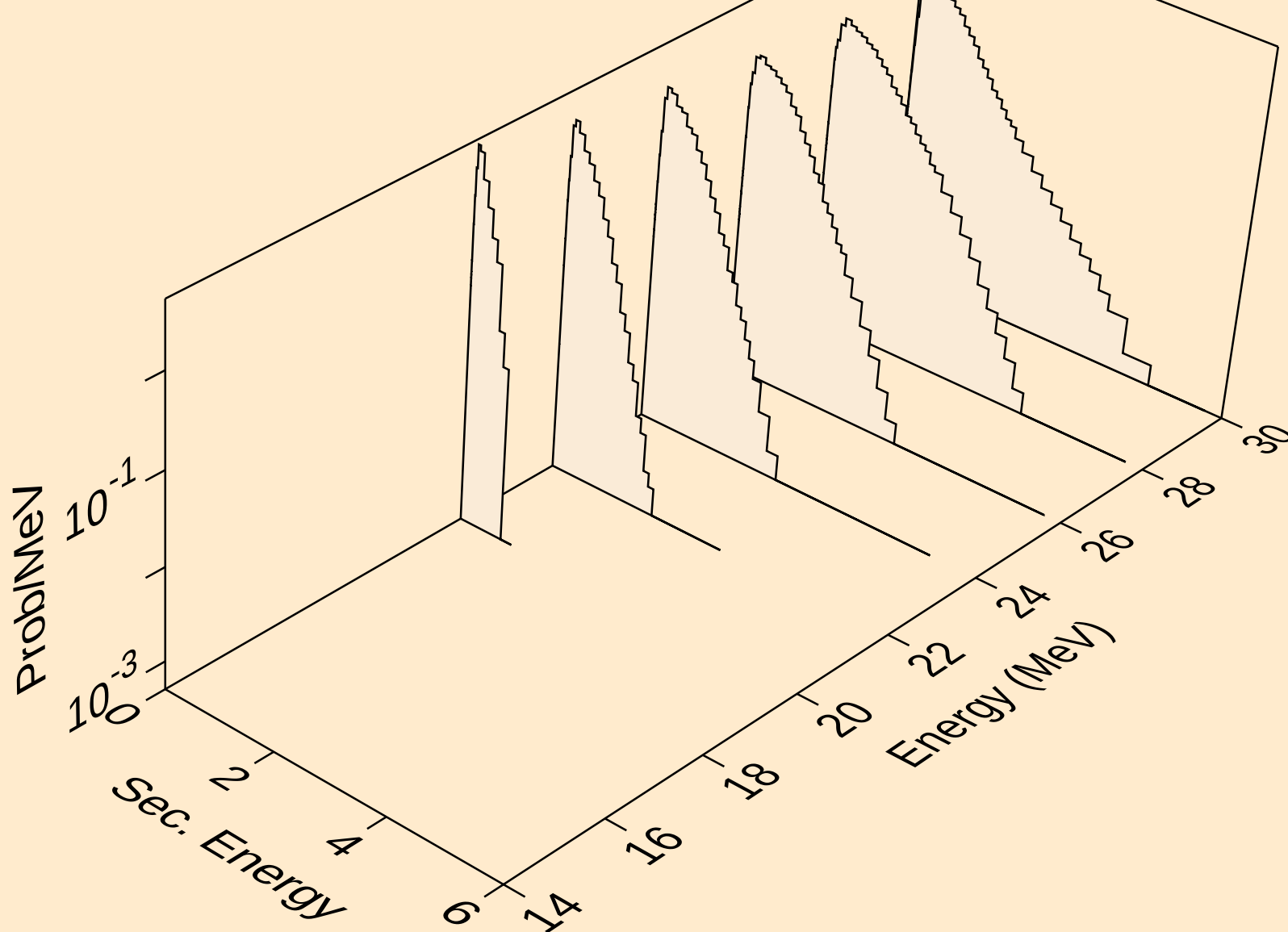
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)a



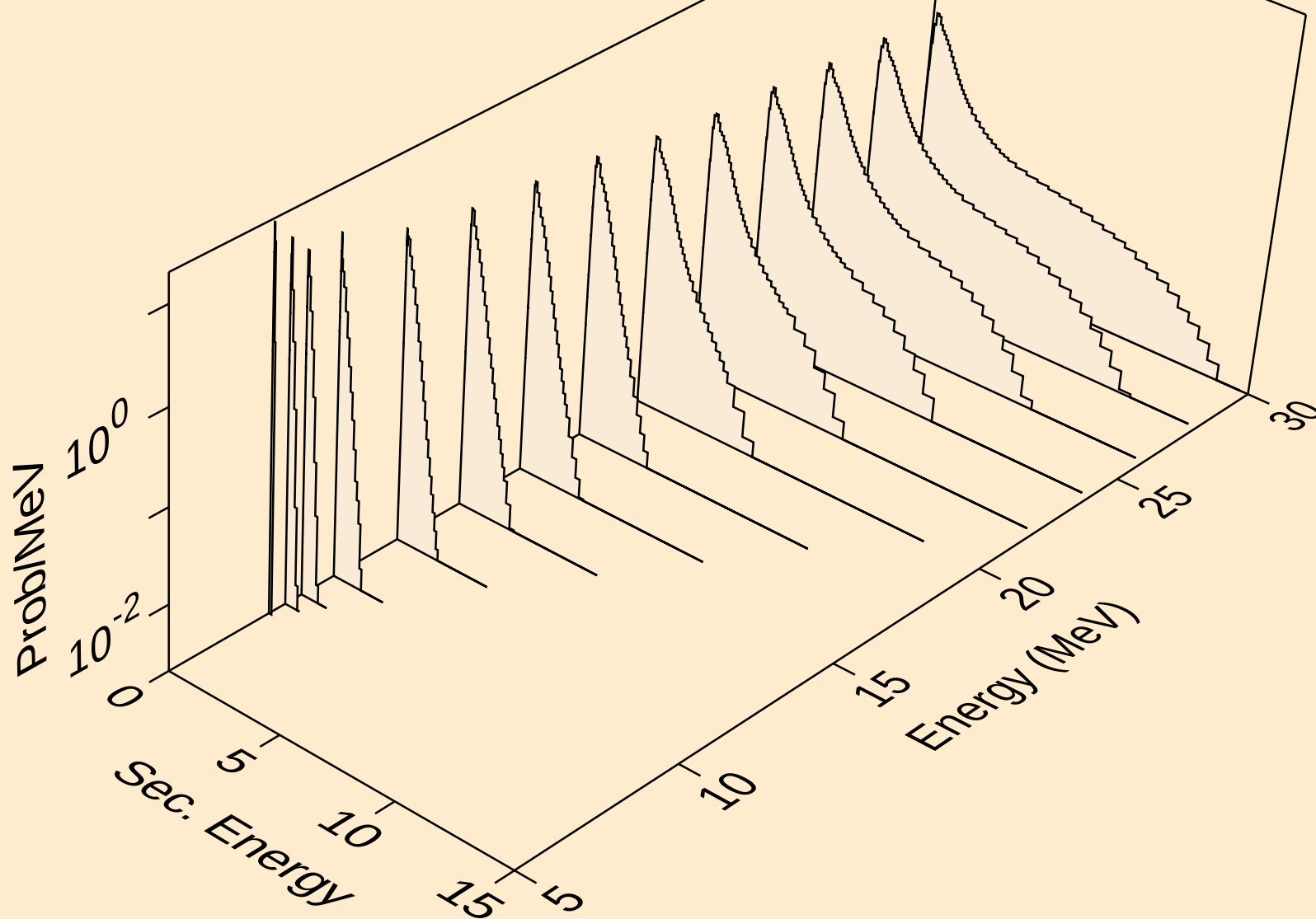
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)_a



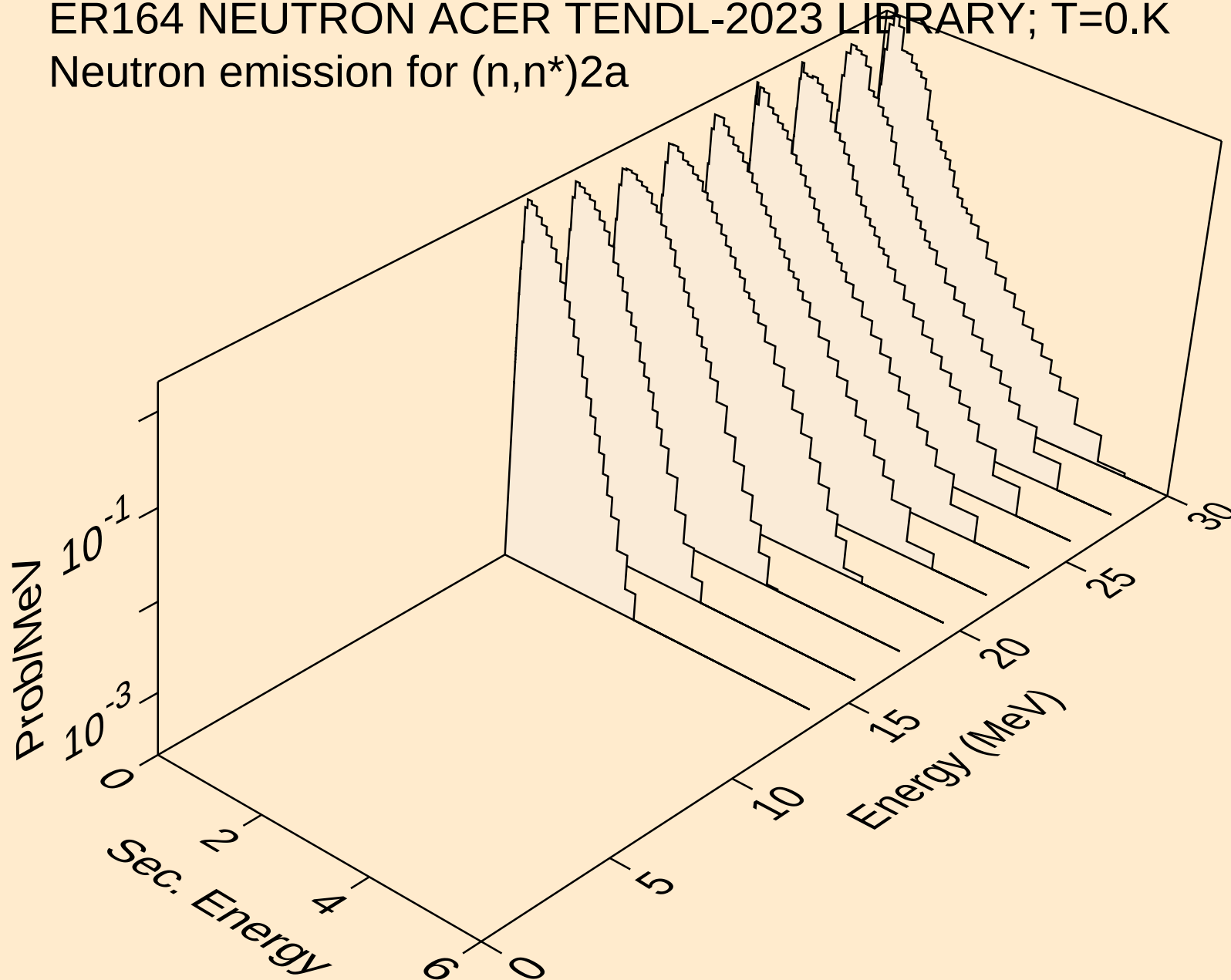
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)a



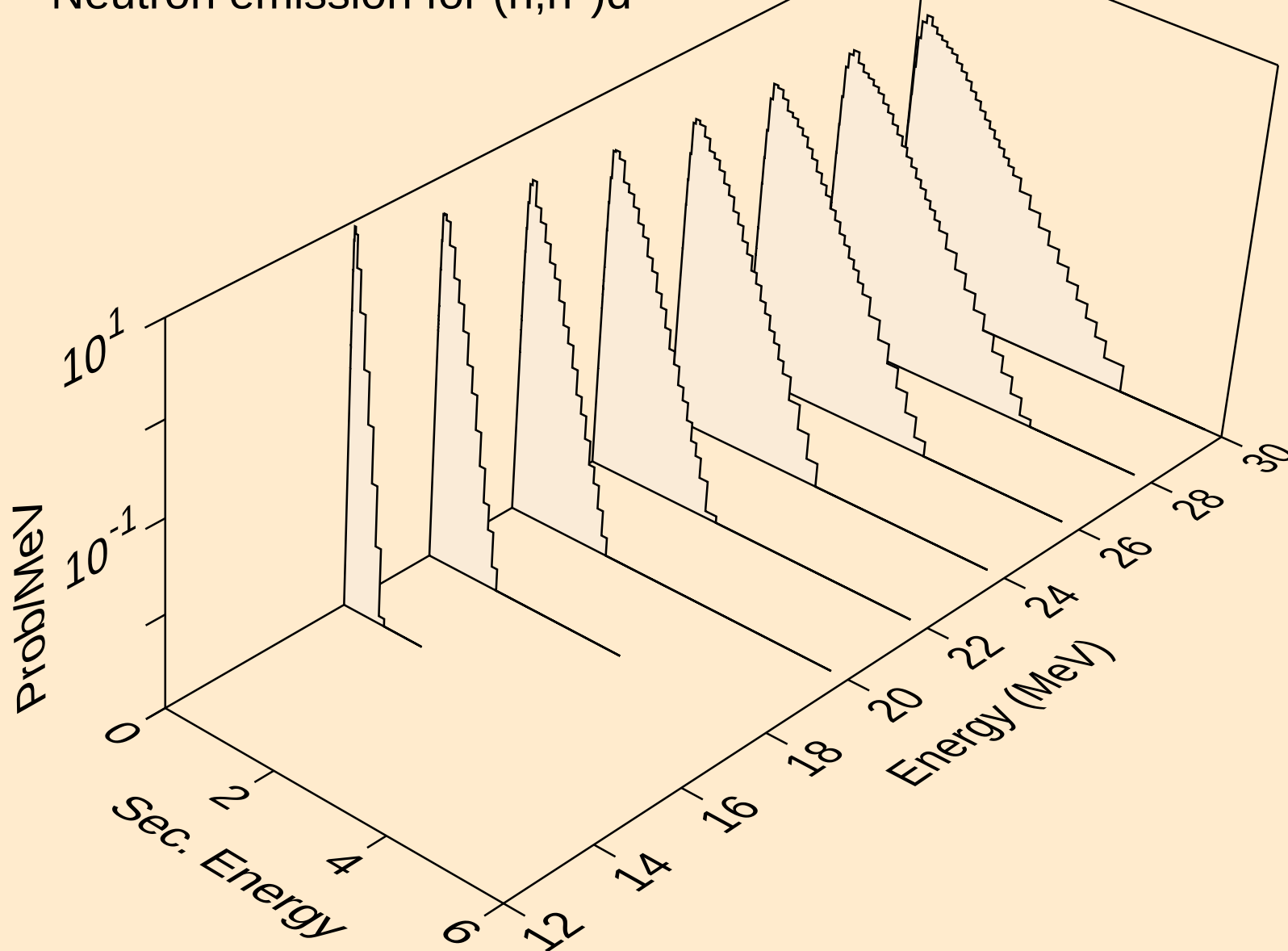
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)p



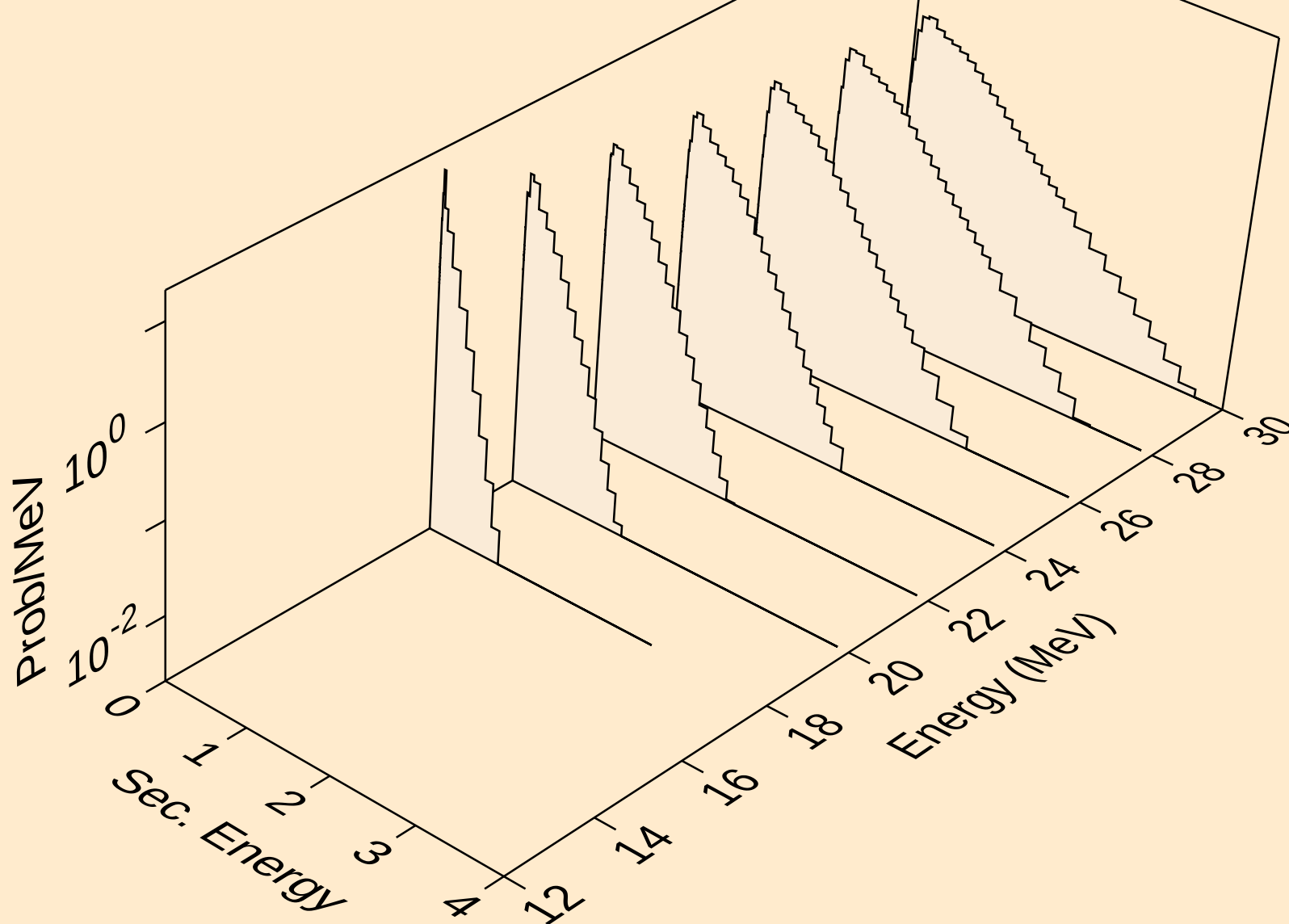
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)2a



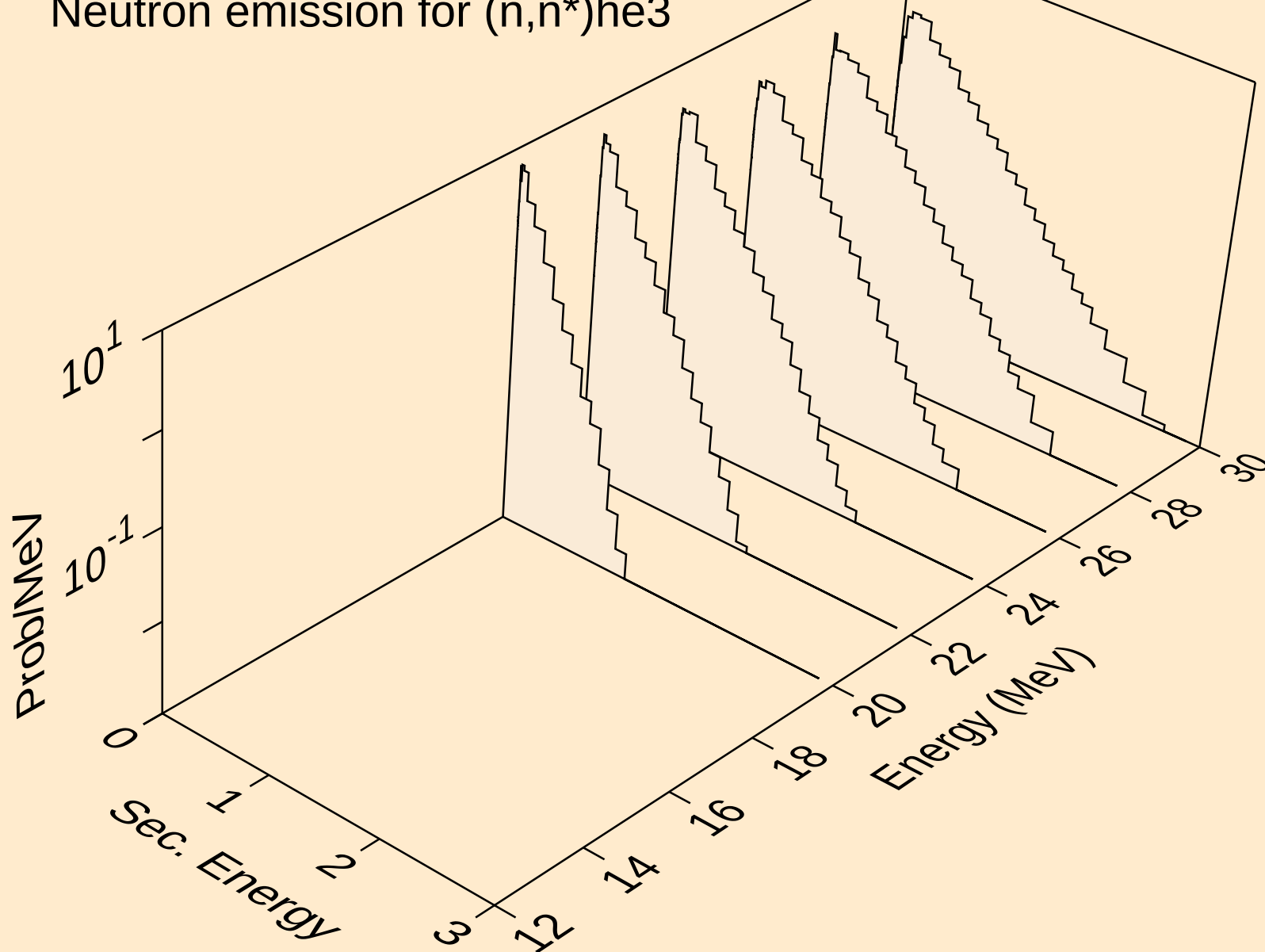
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)d



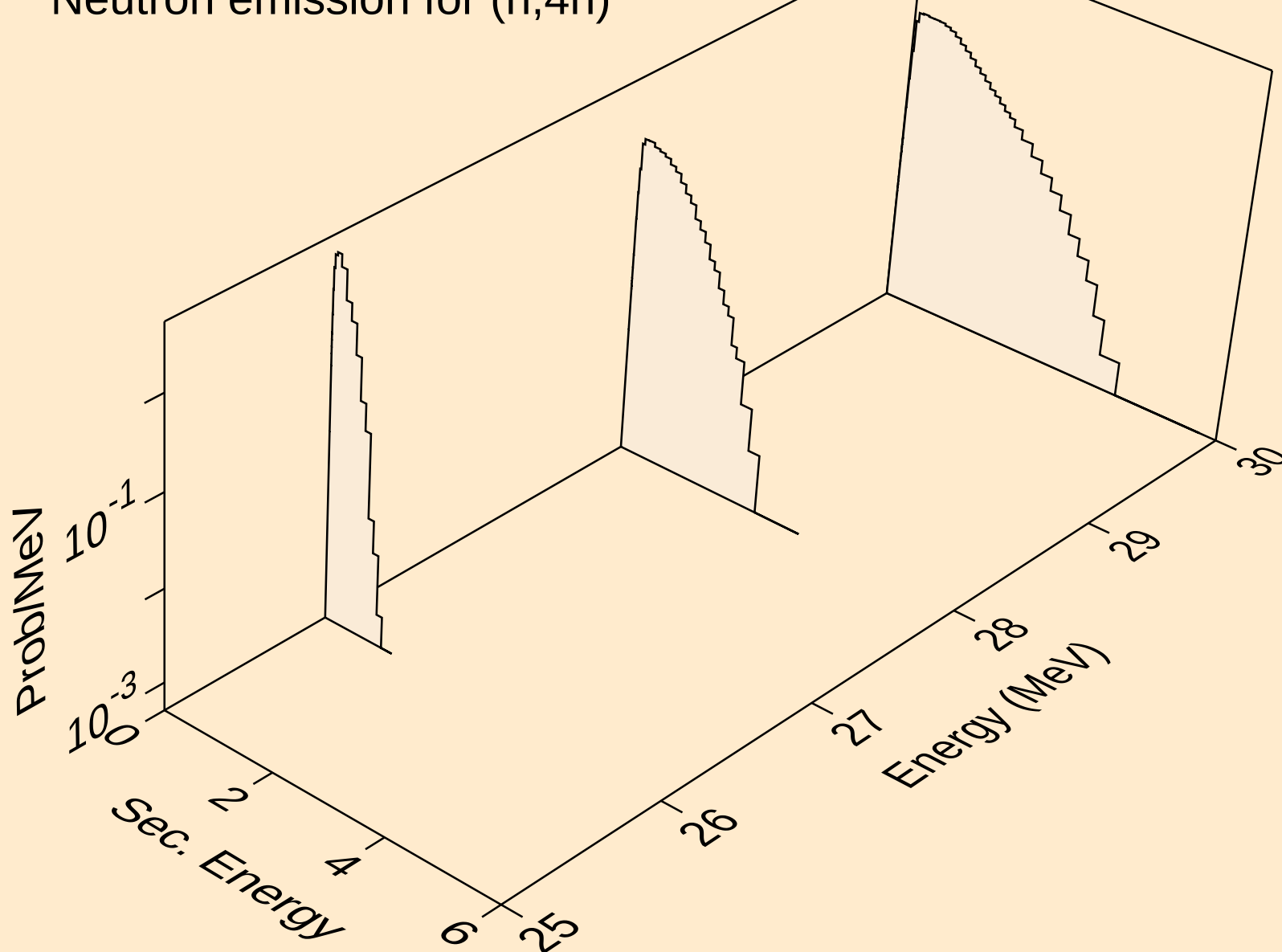
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)t



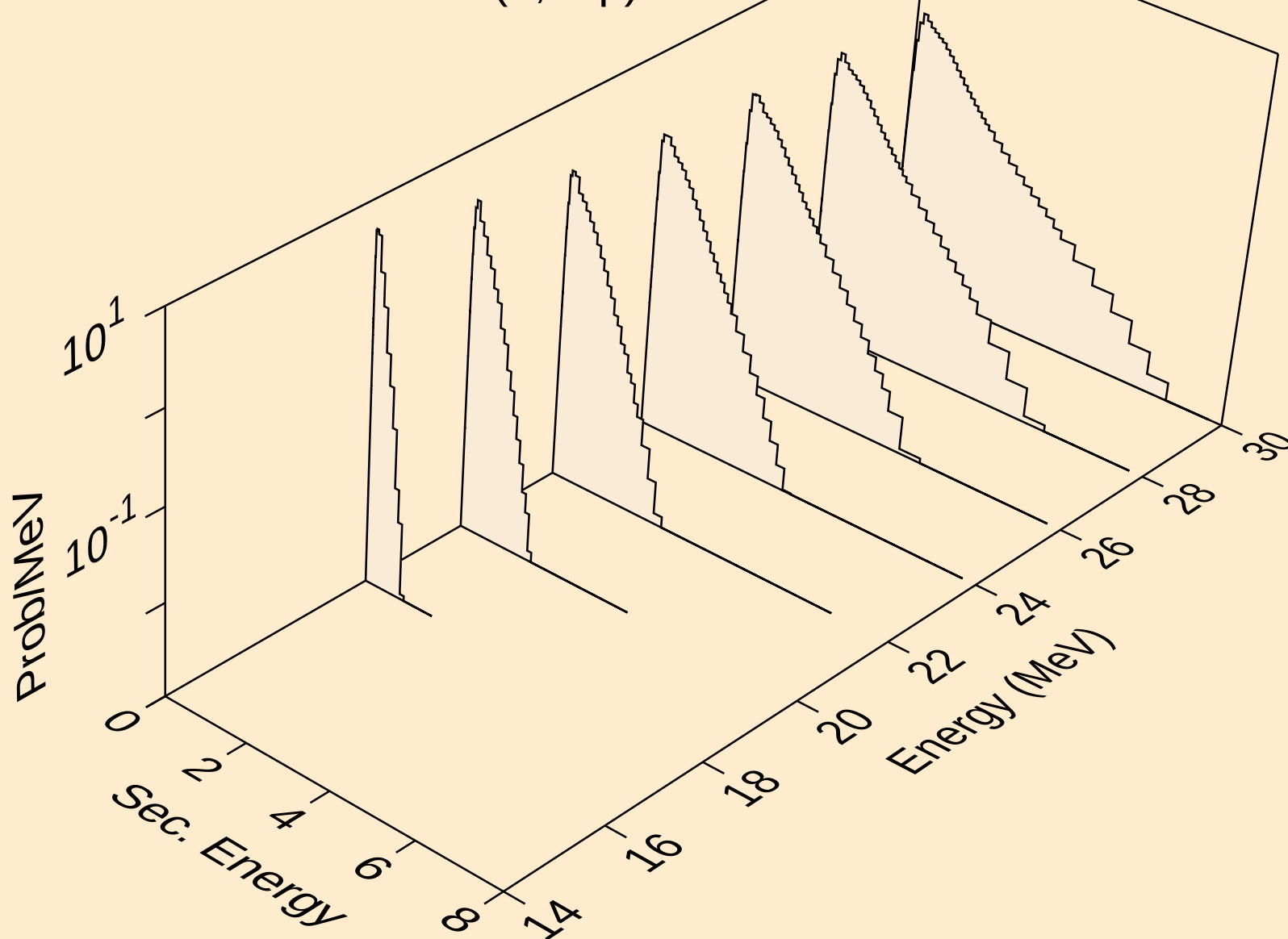
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



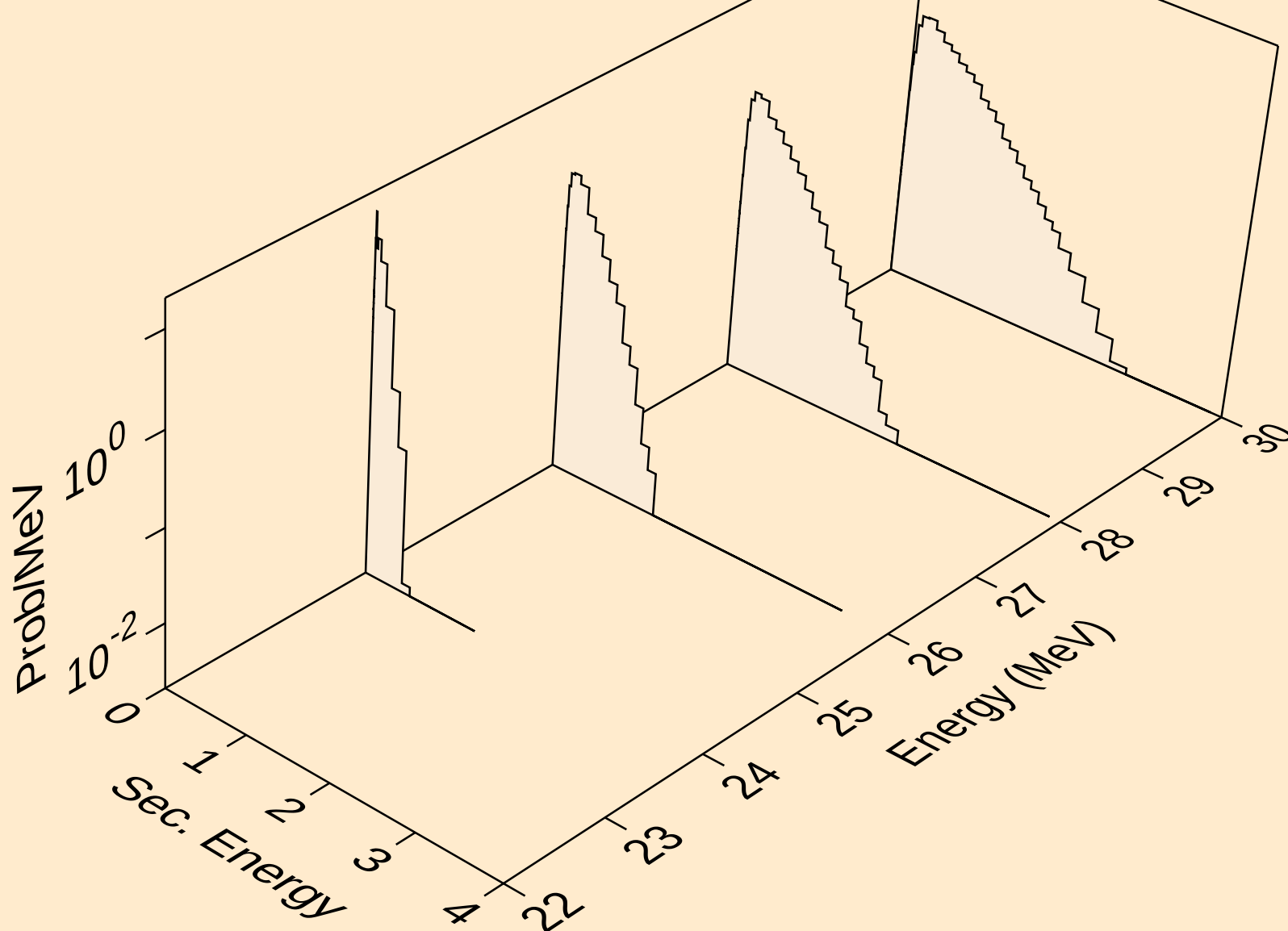
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,4n)



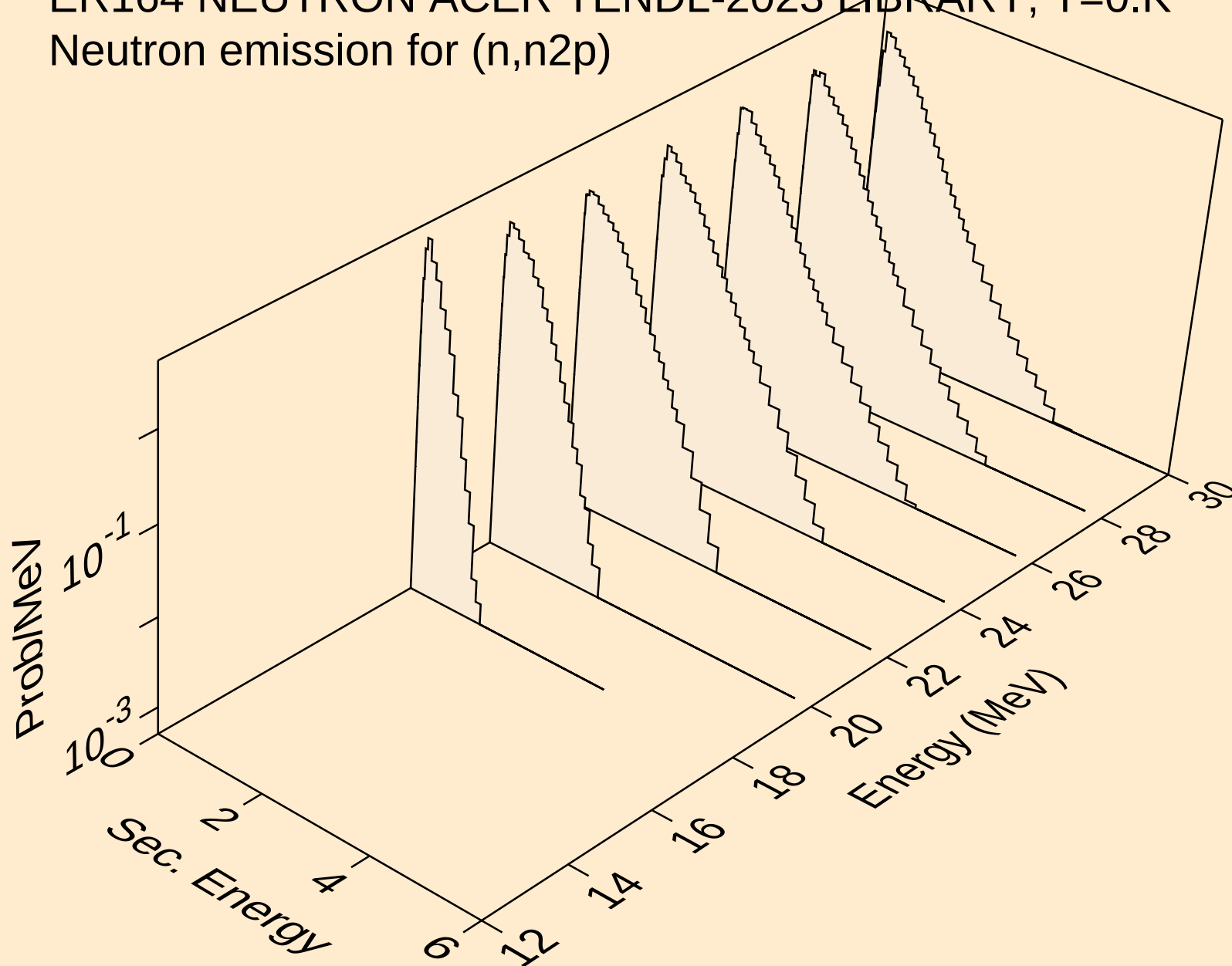
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2np)



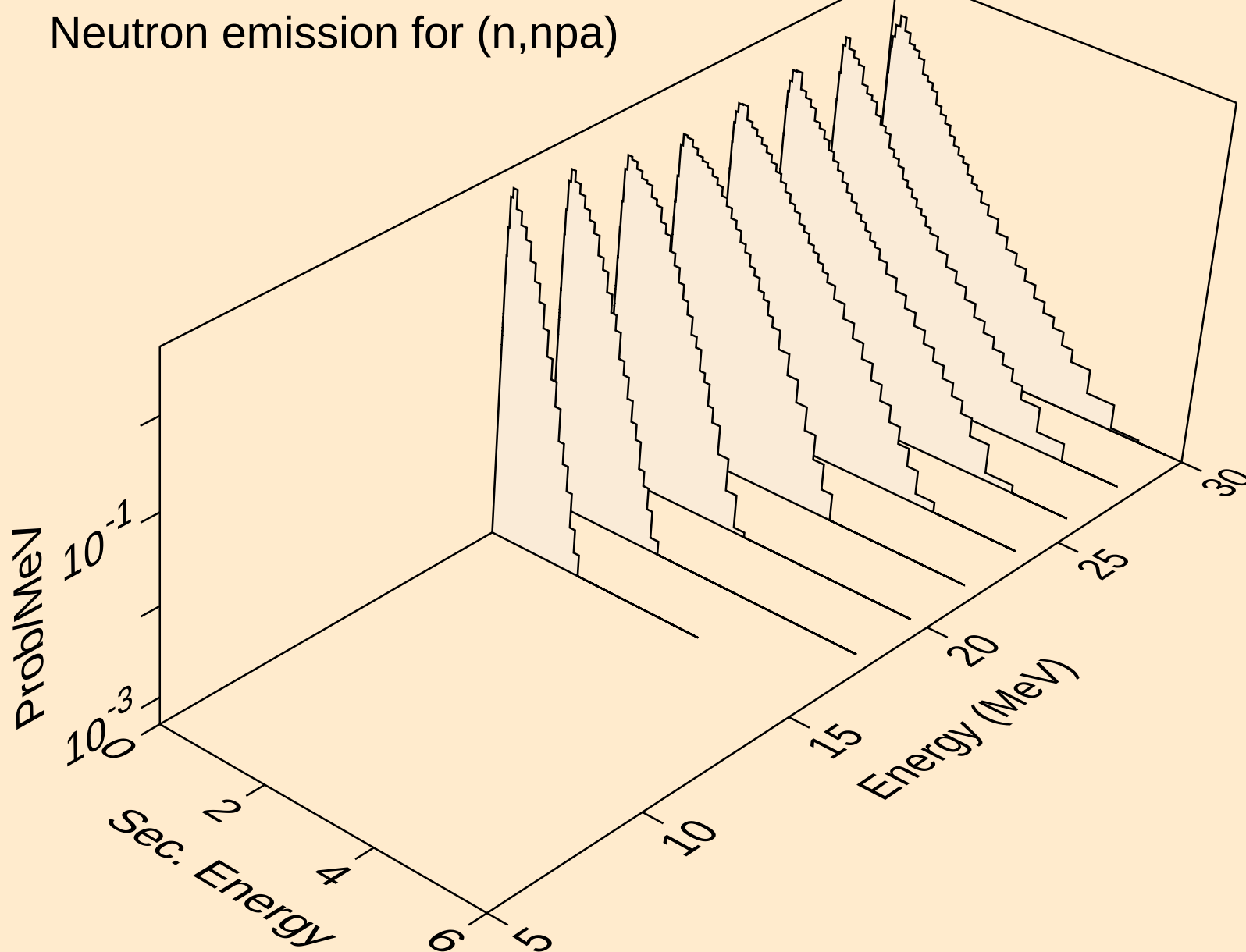
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3np)



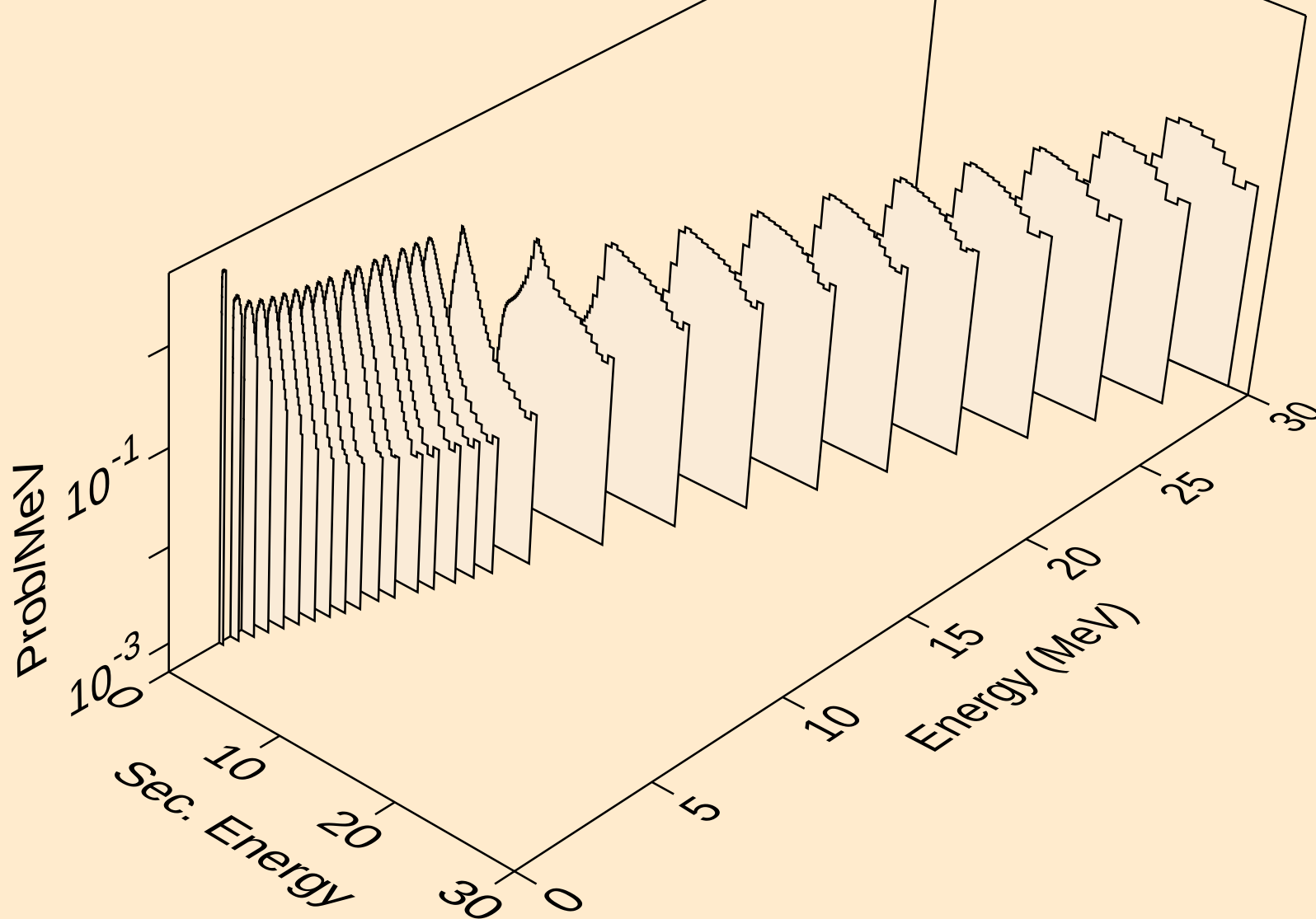
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n2p)



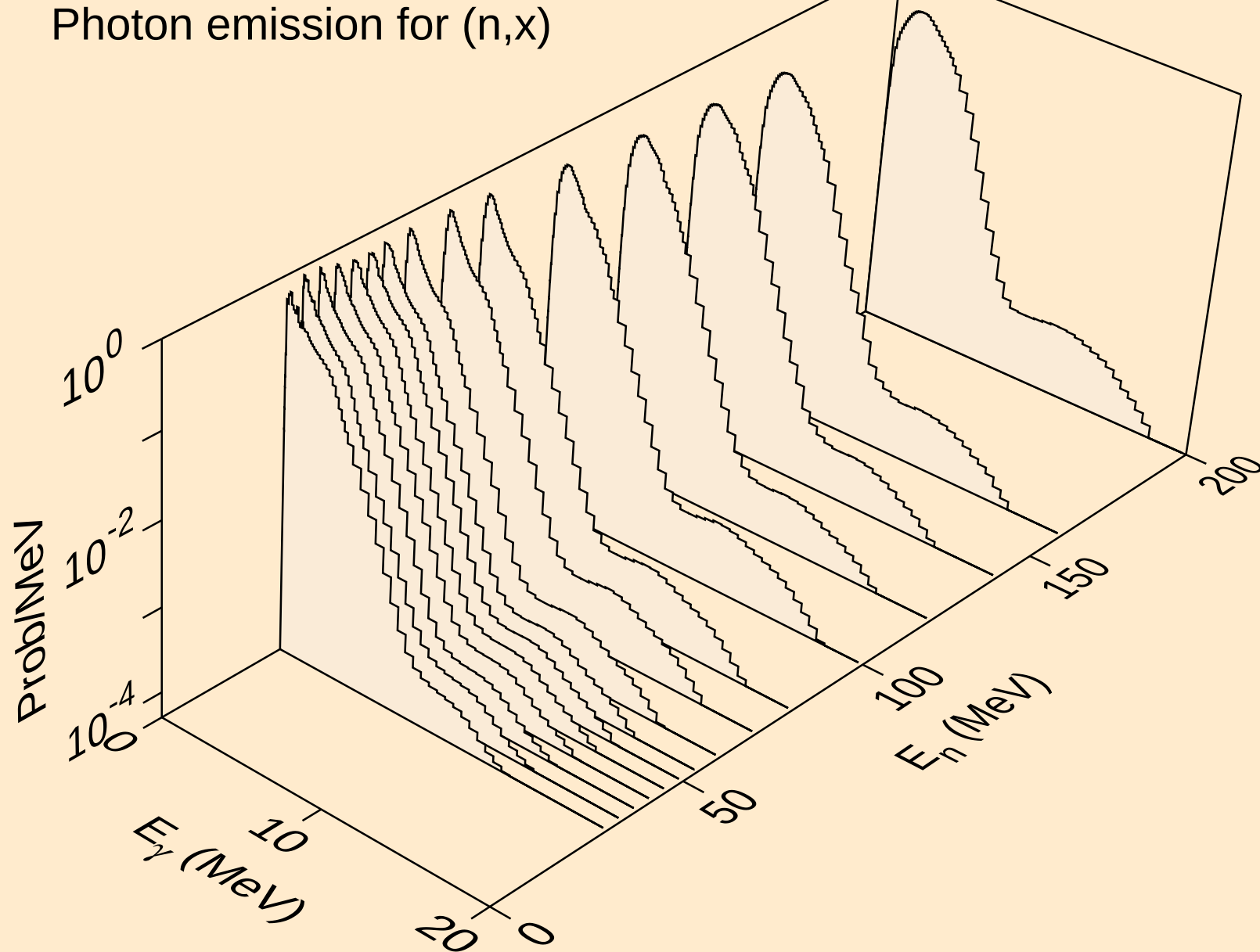
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,npa)



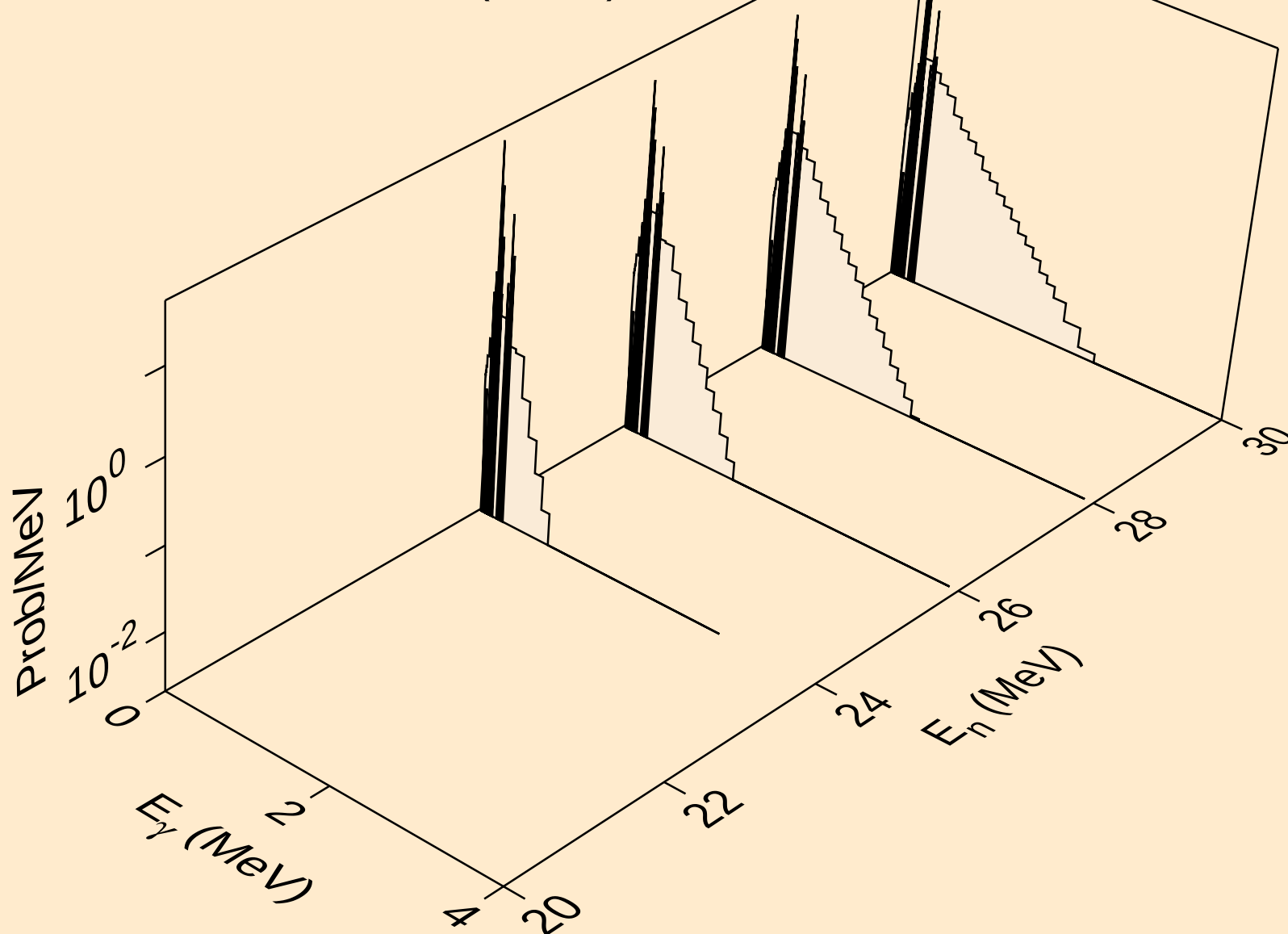
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*c)



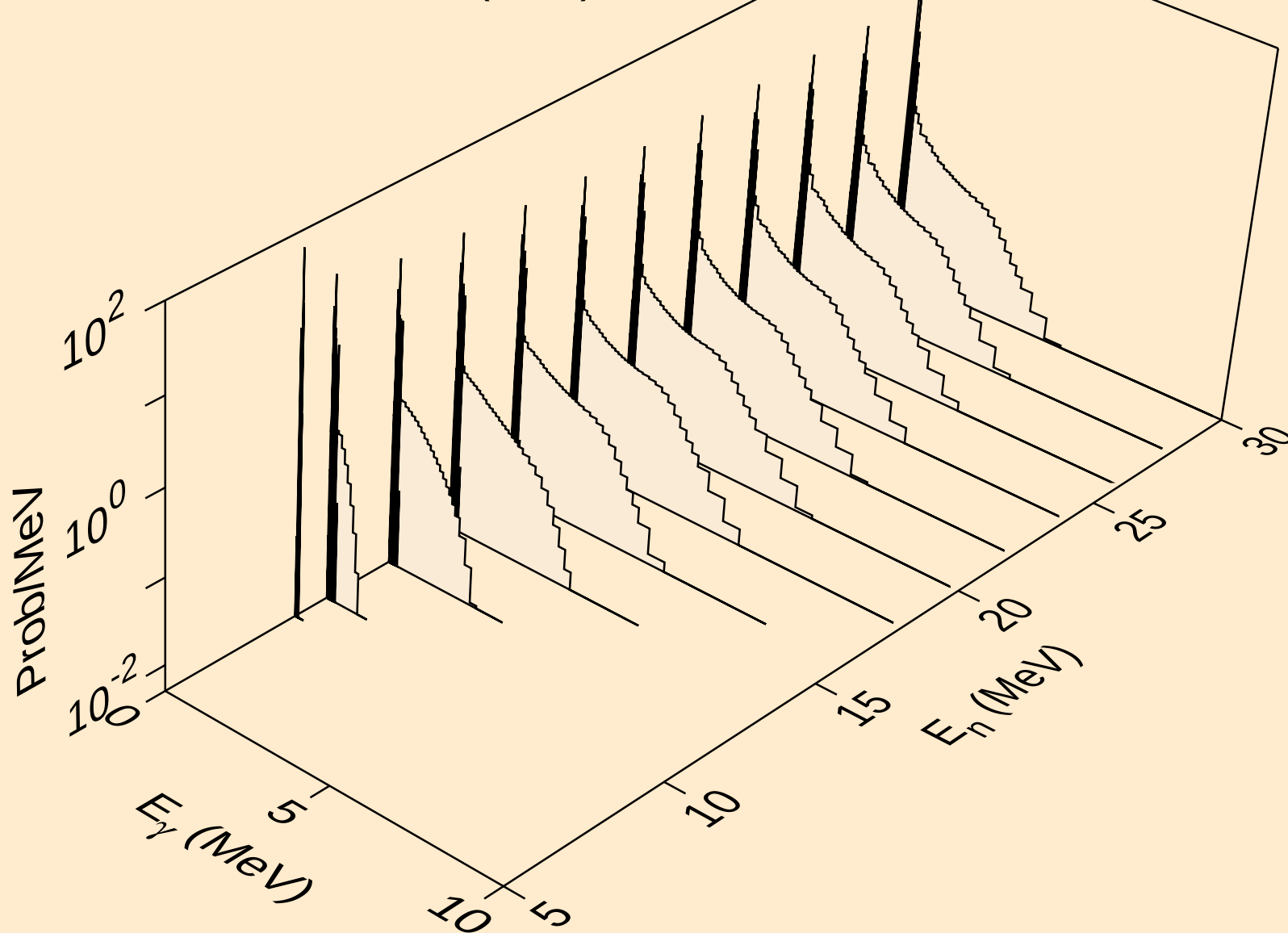
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,x)



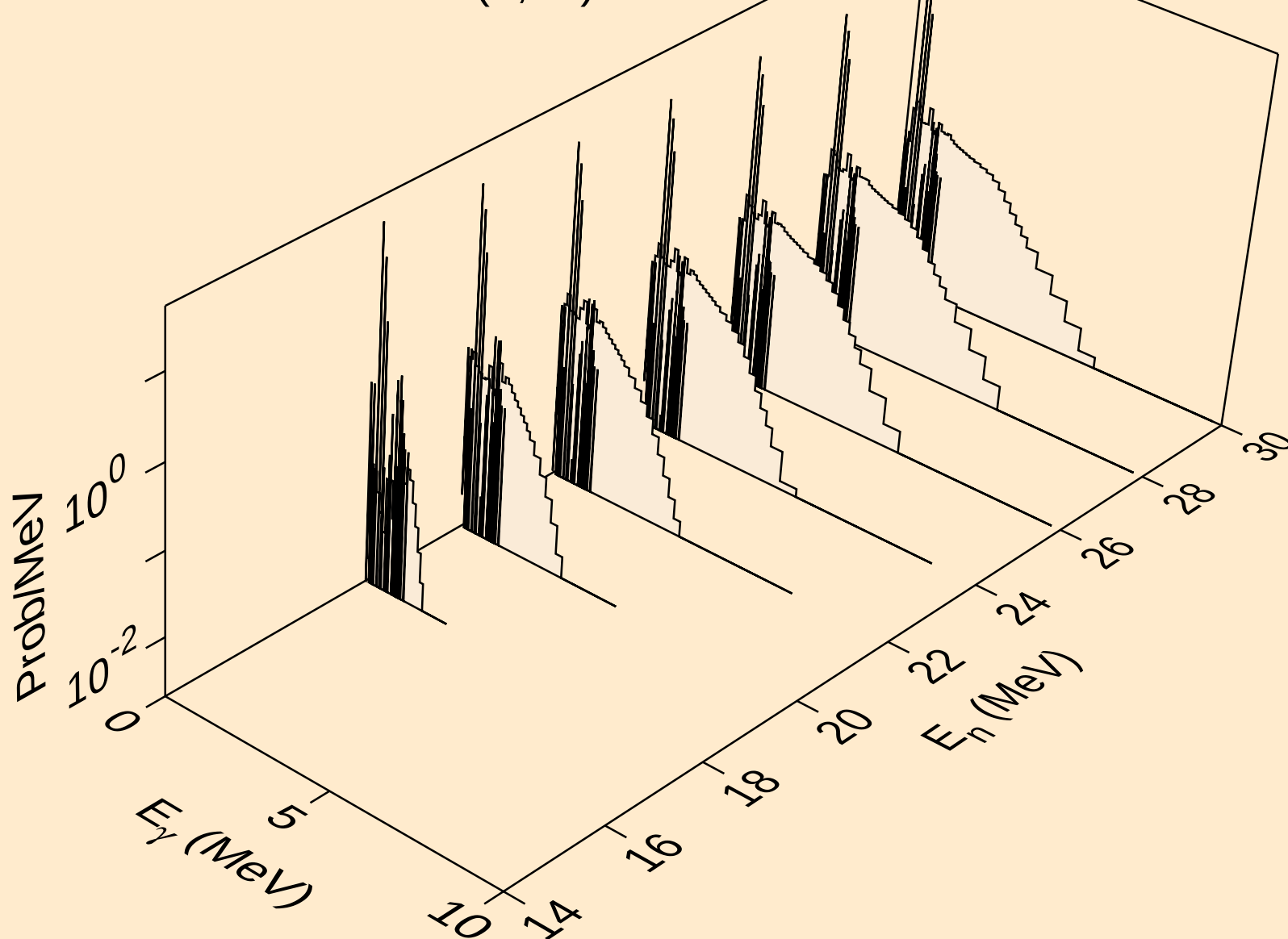
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



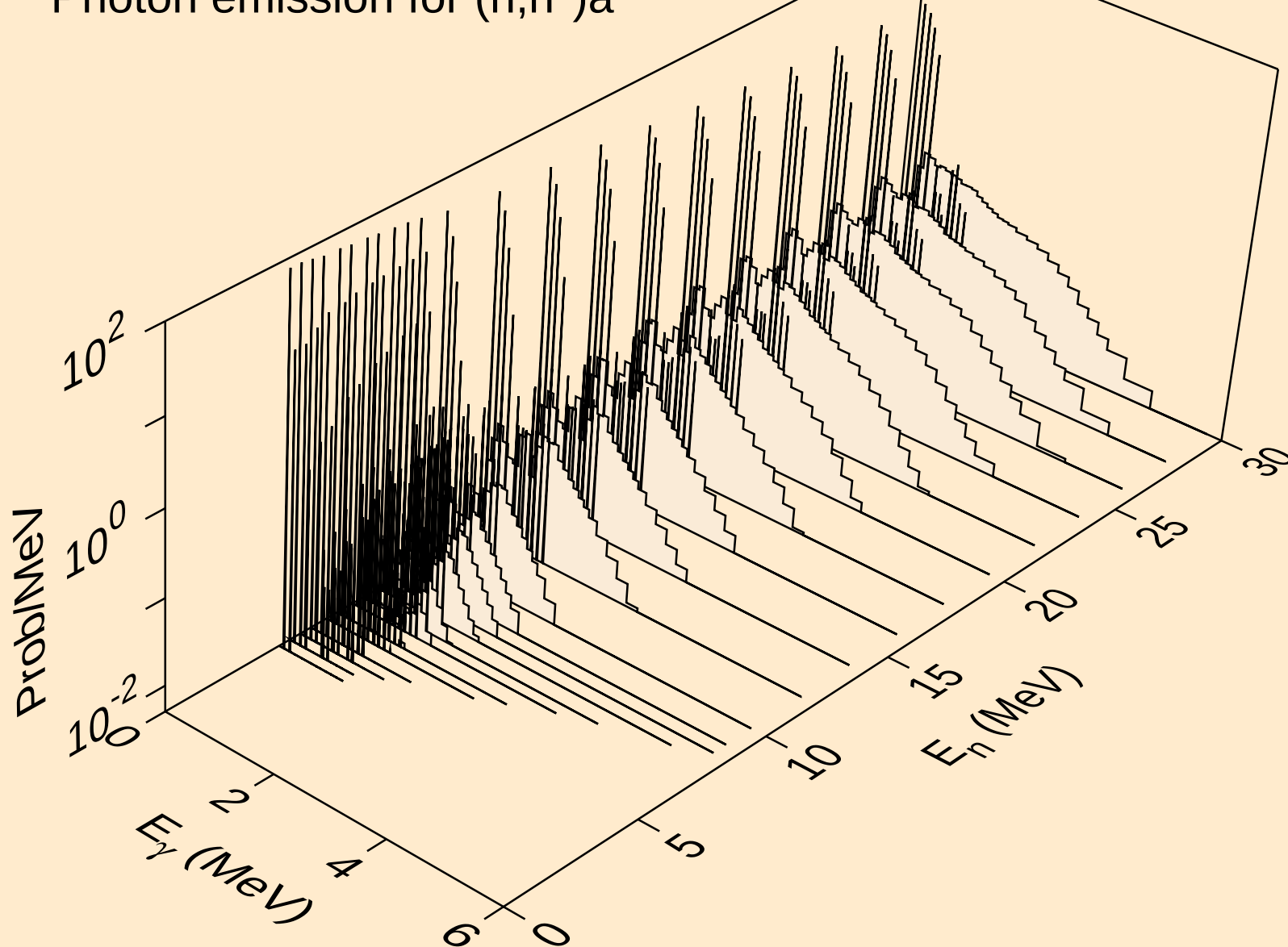
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



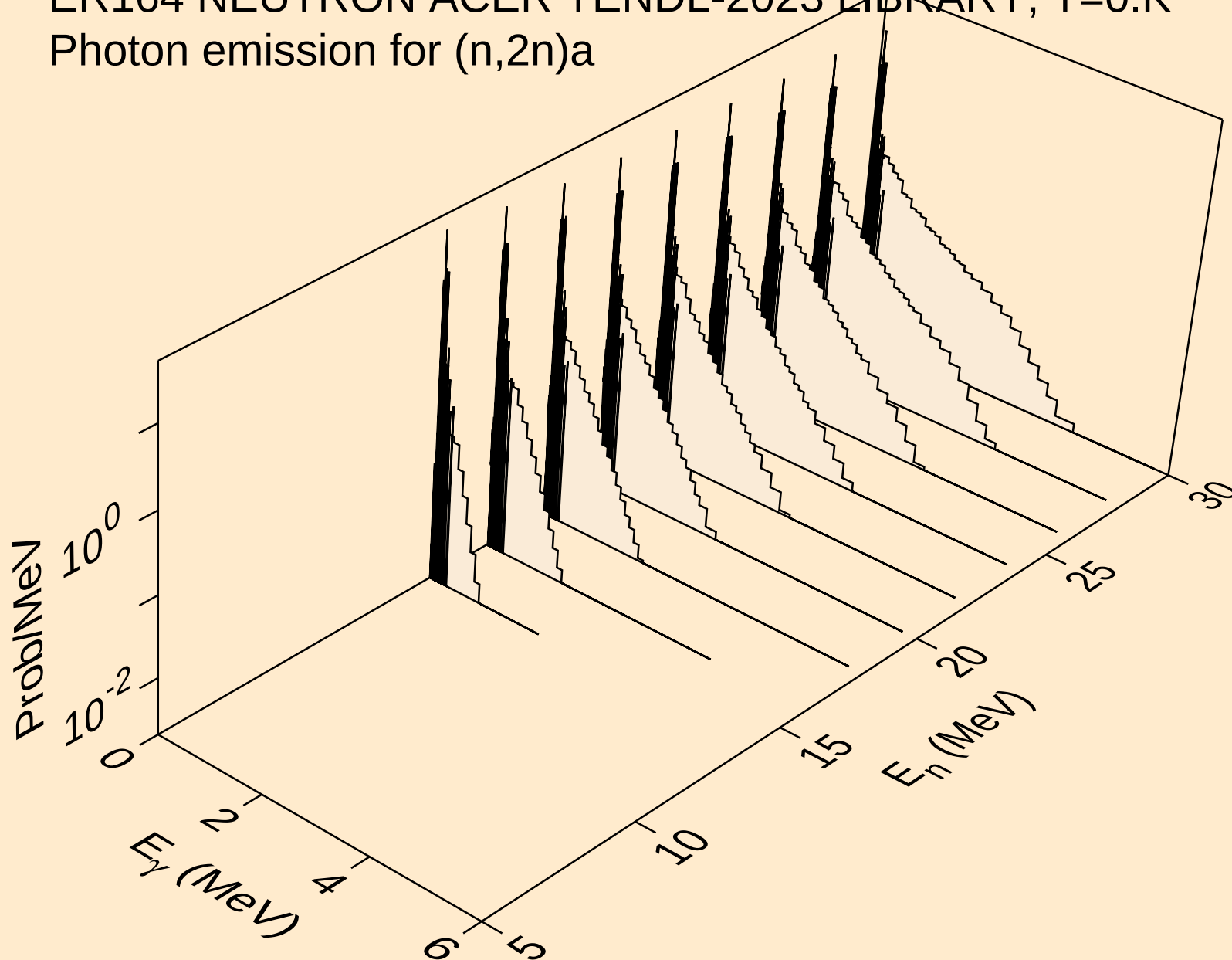
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



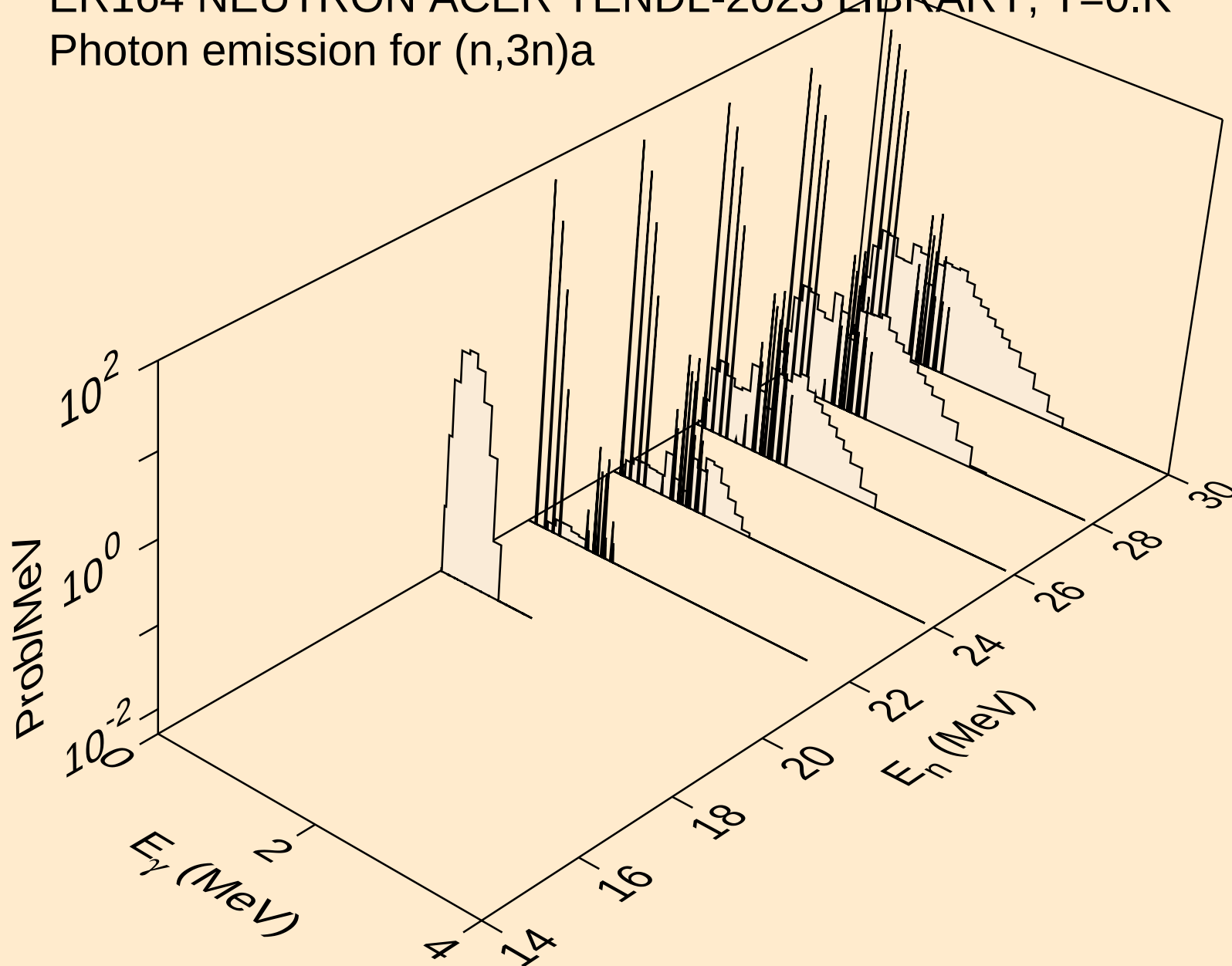
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a



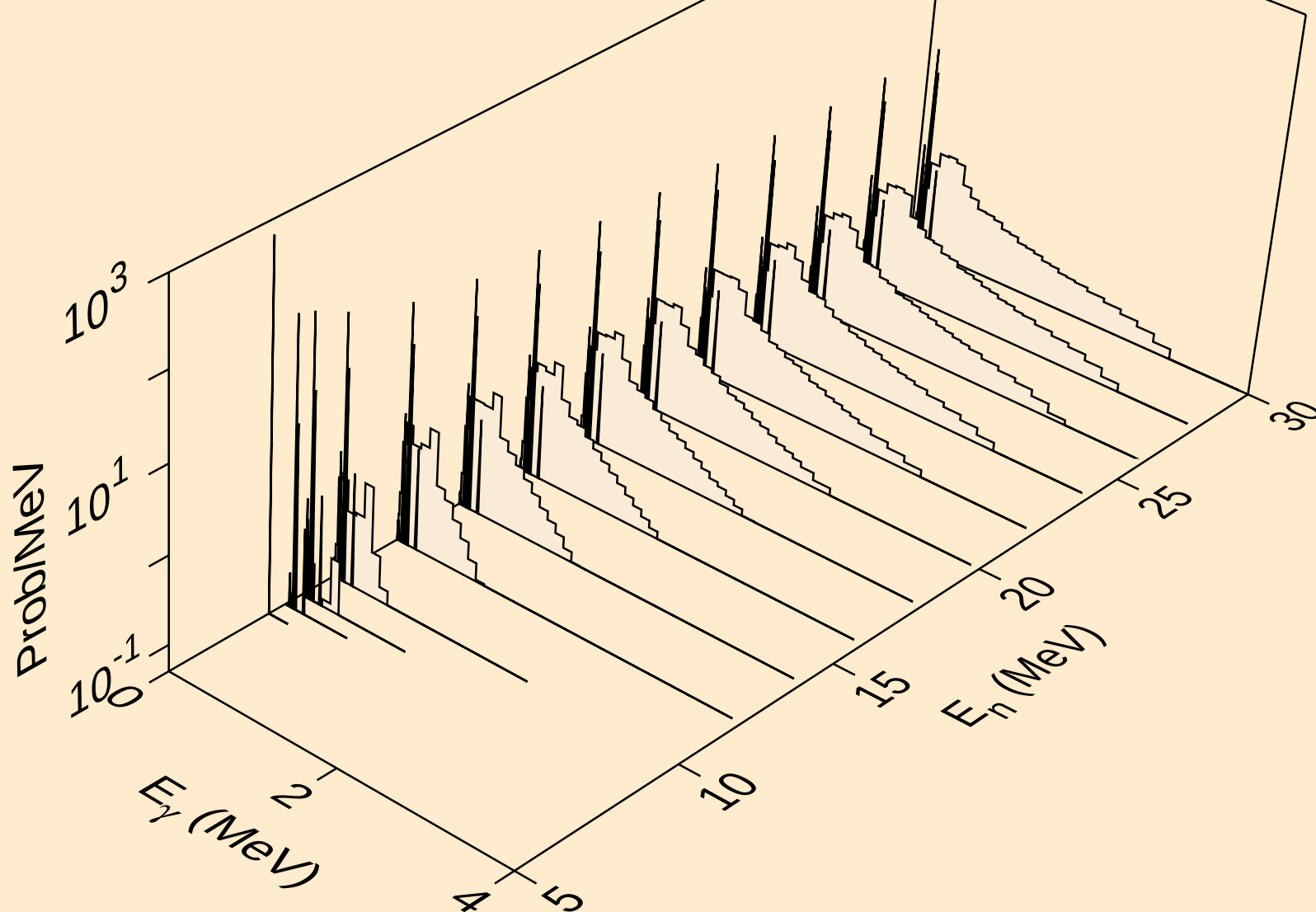
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n) α



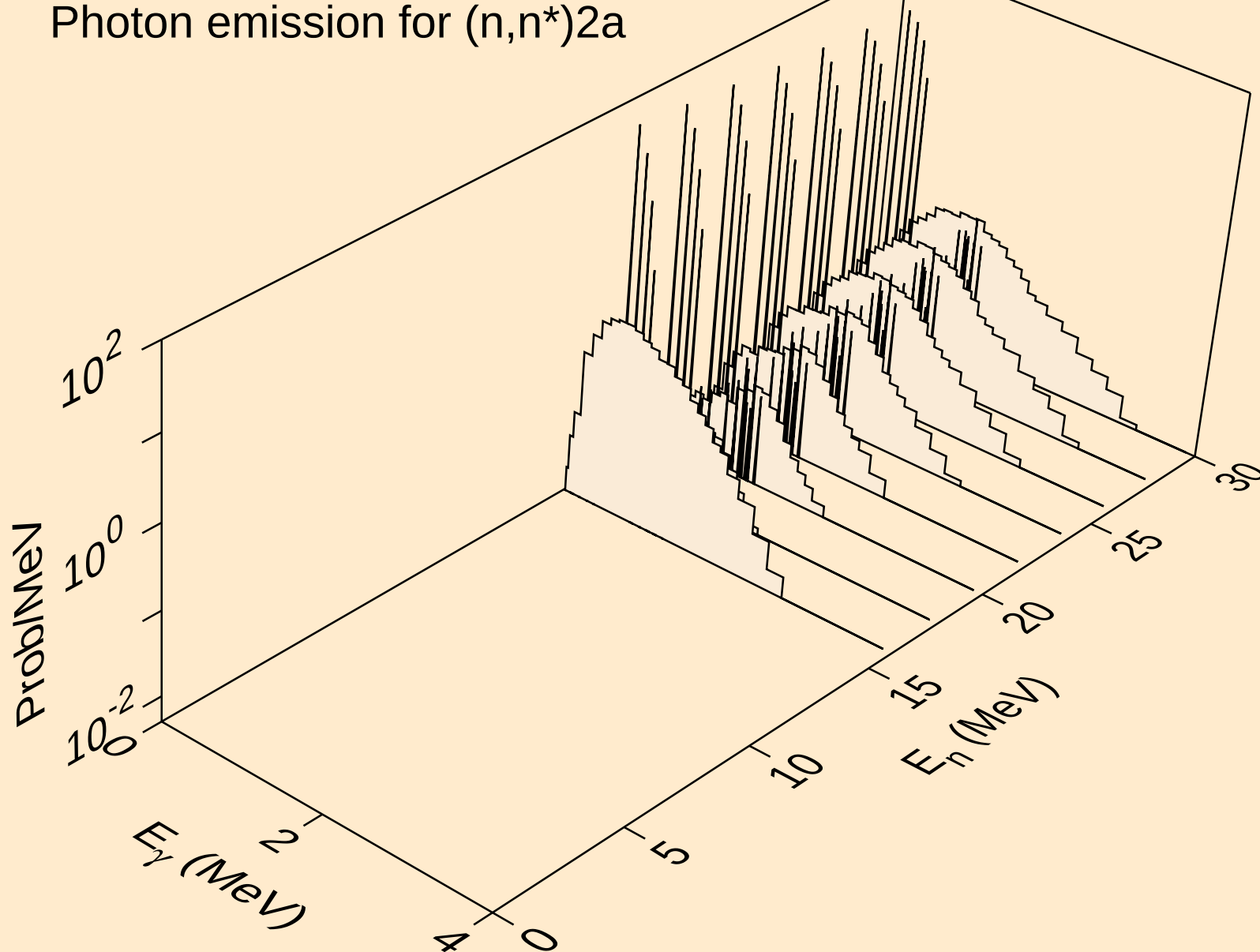
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n) α



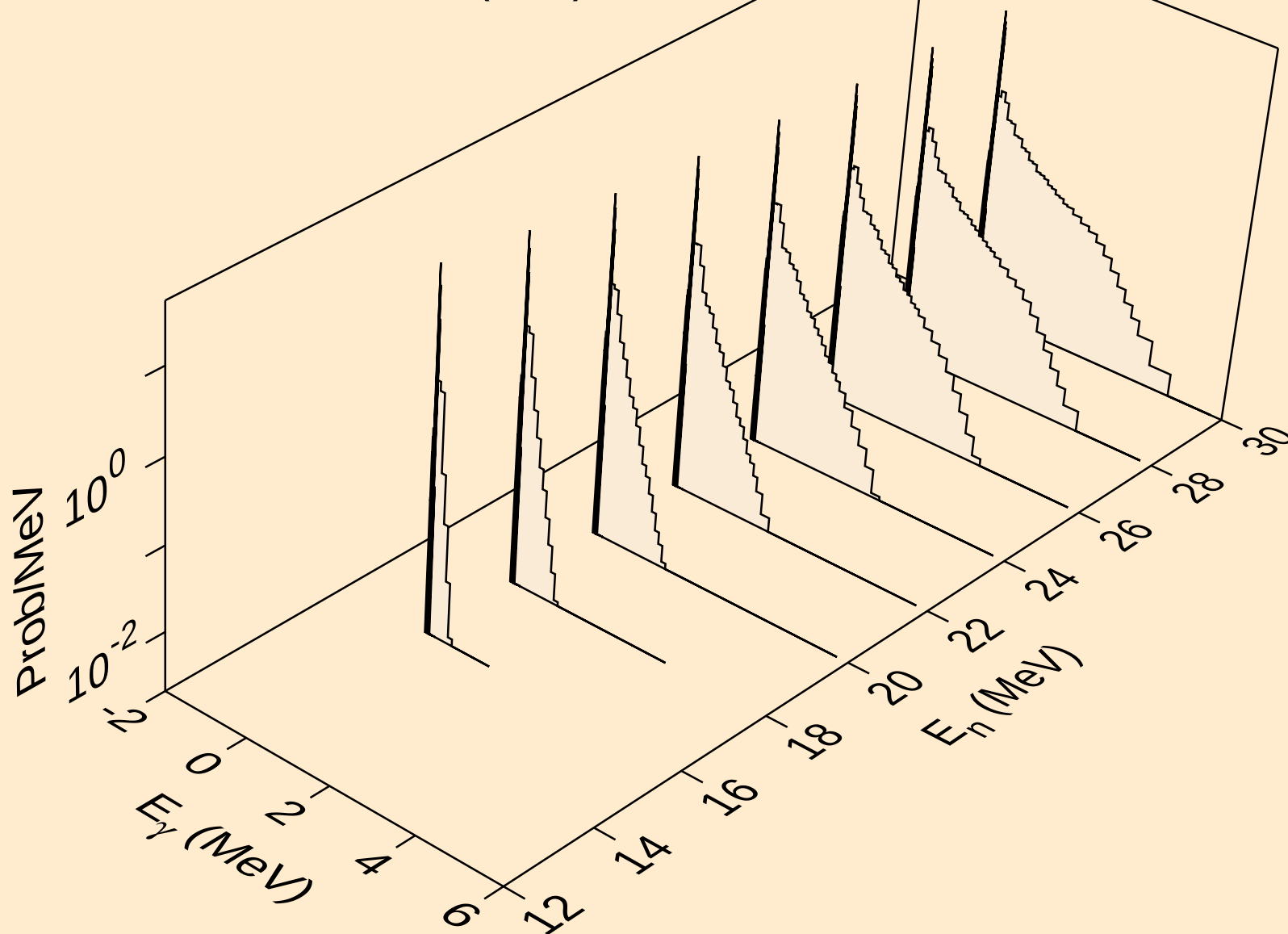
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p



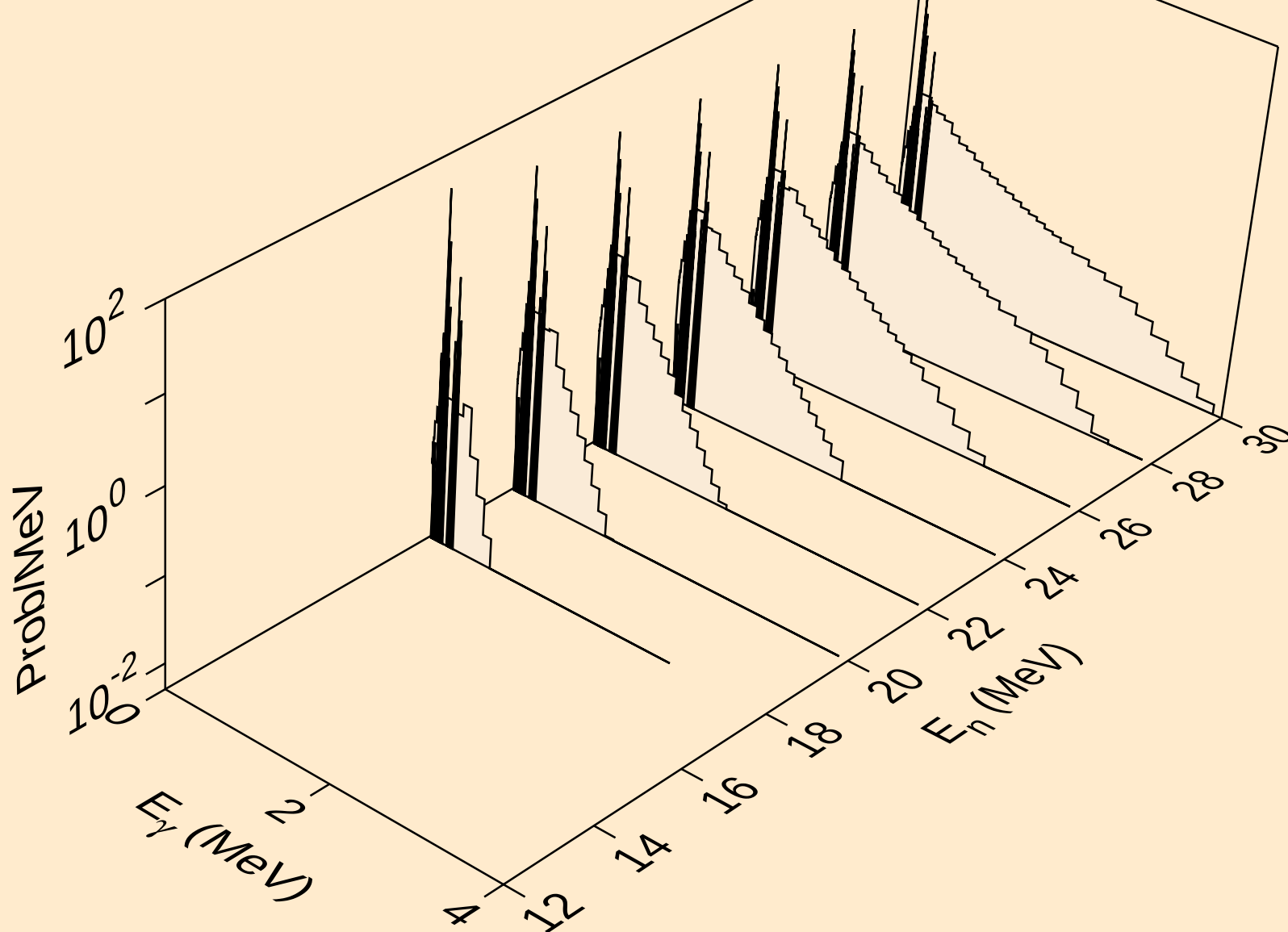
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)2a



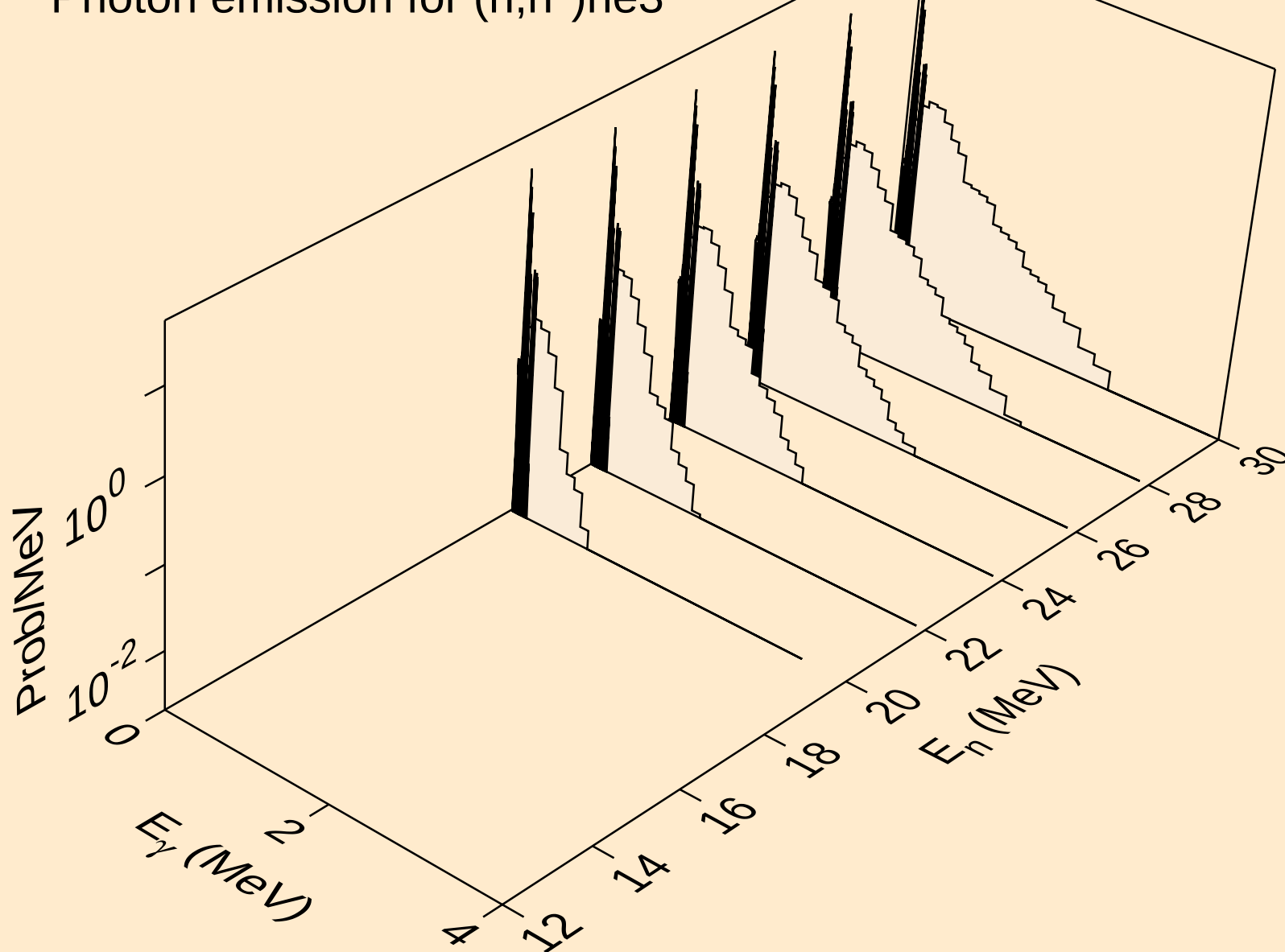
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d



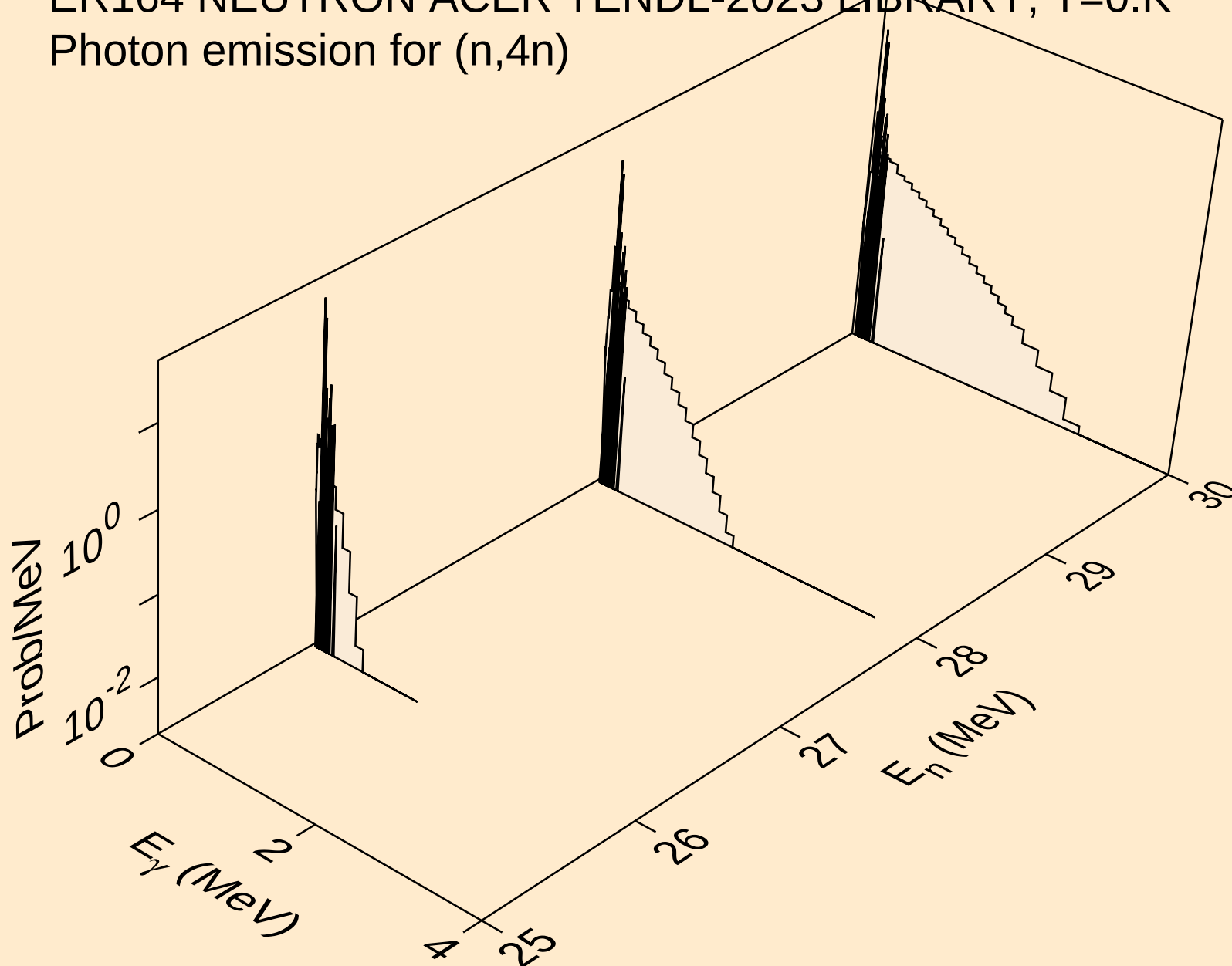
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)t



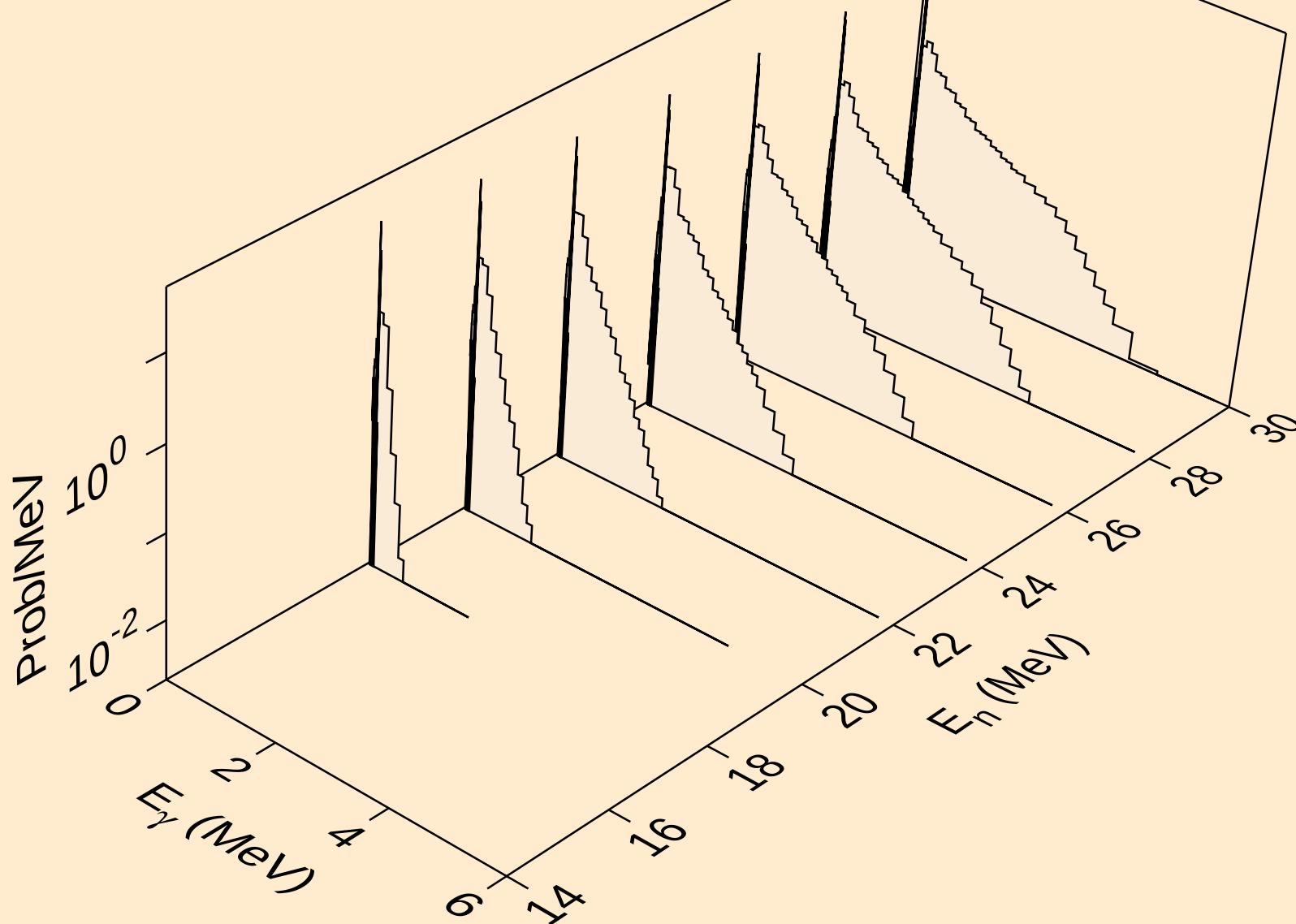
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



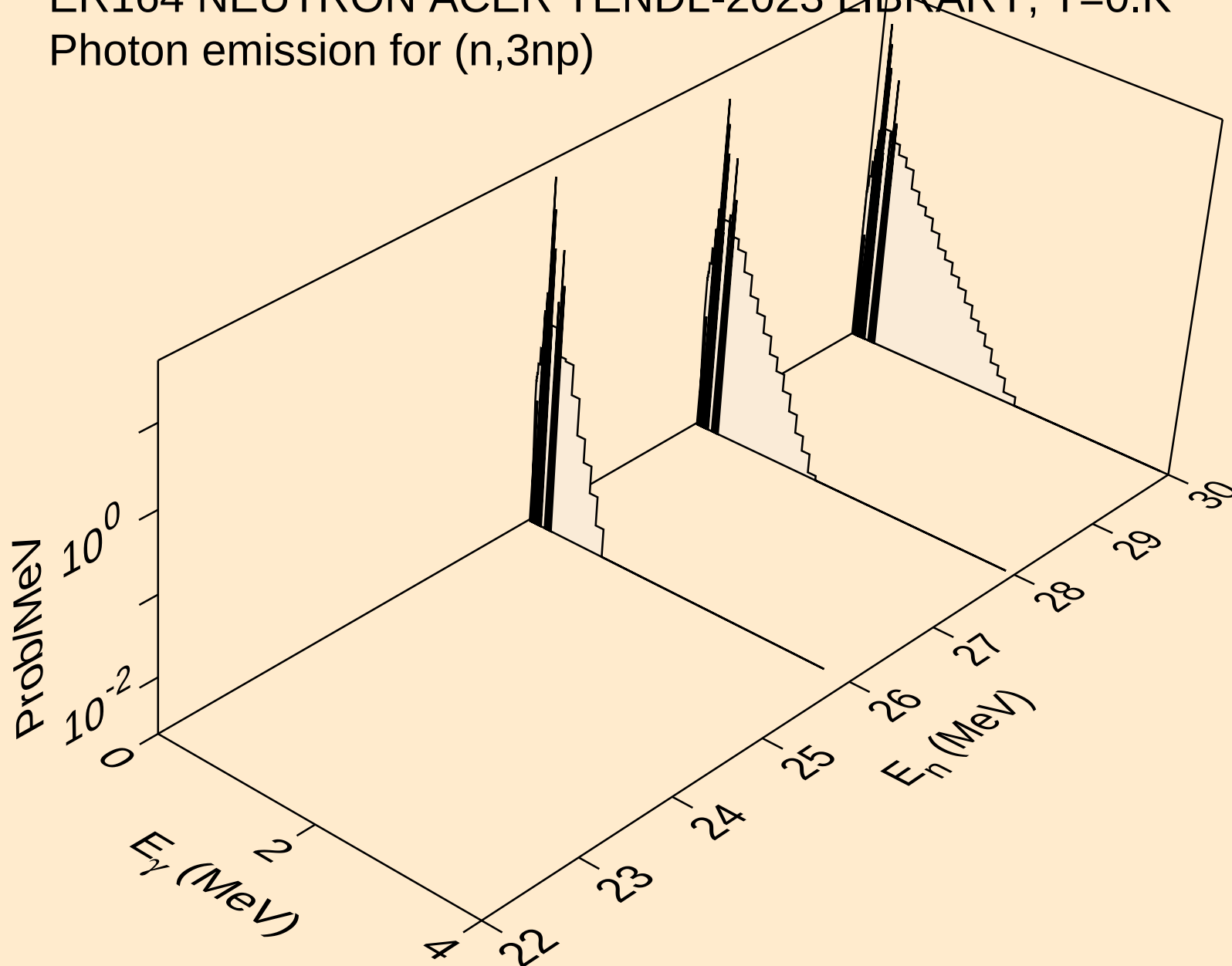
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



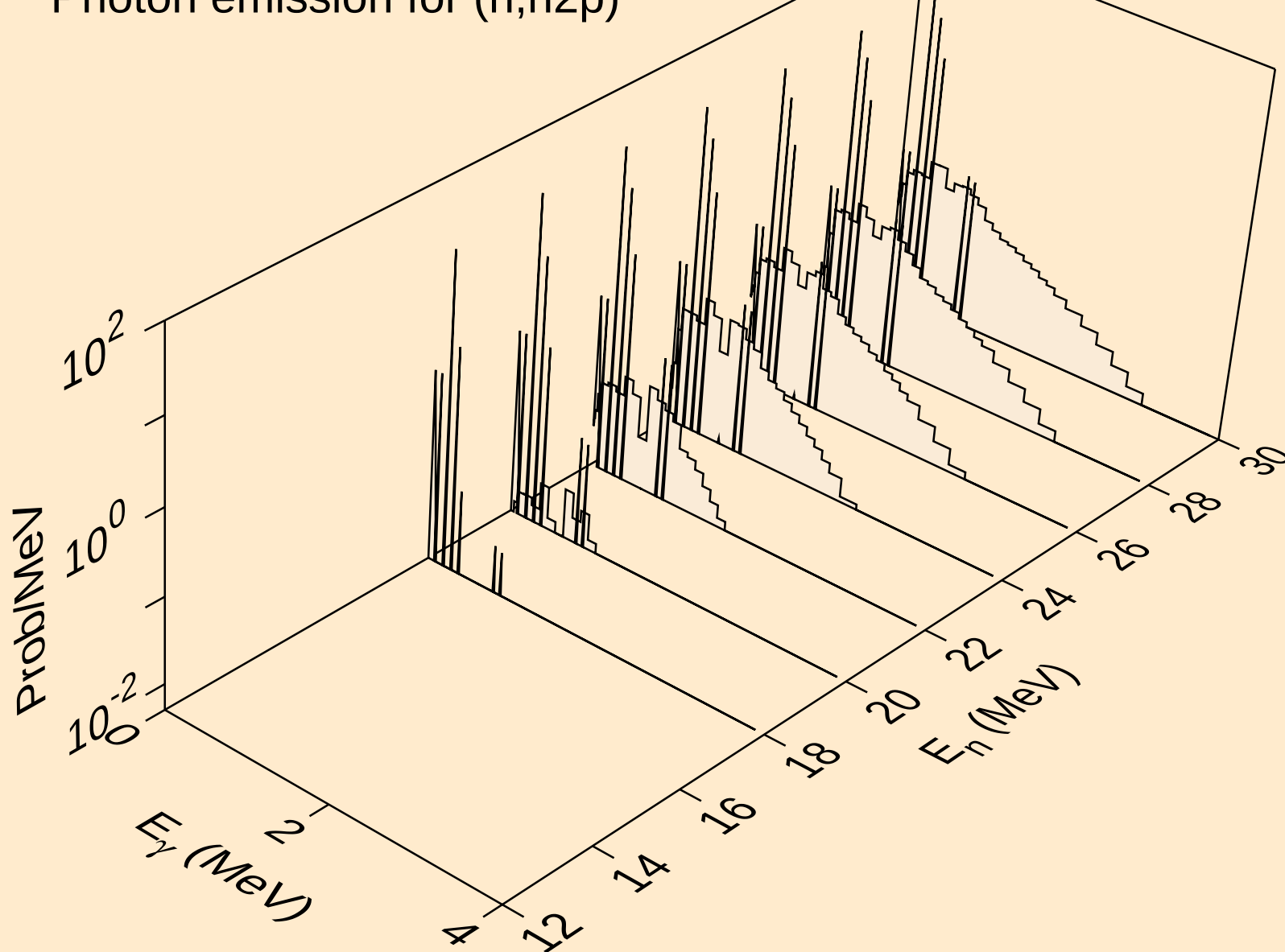
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



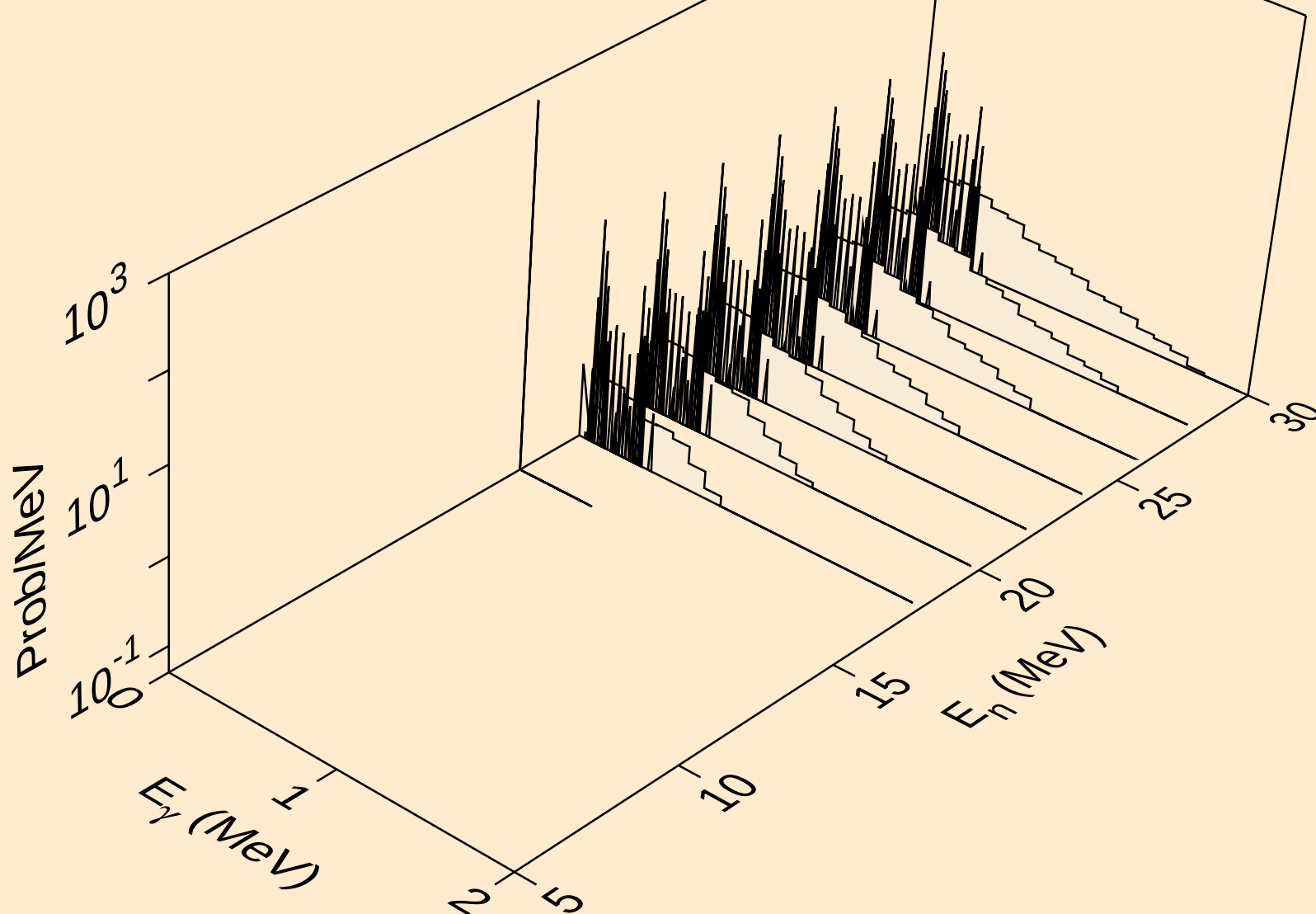
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3np)



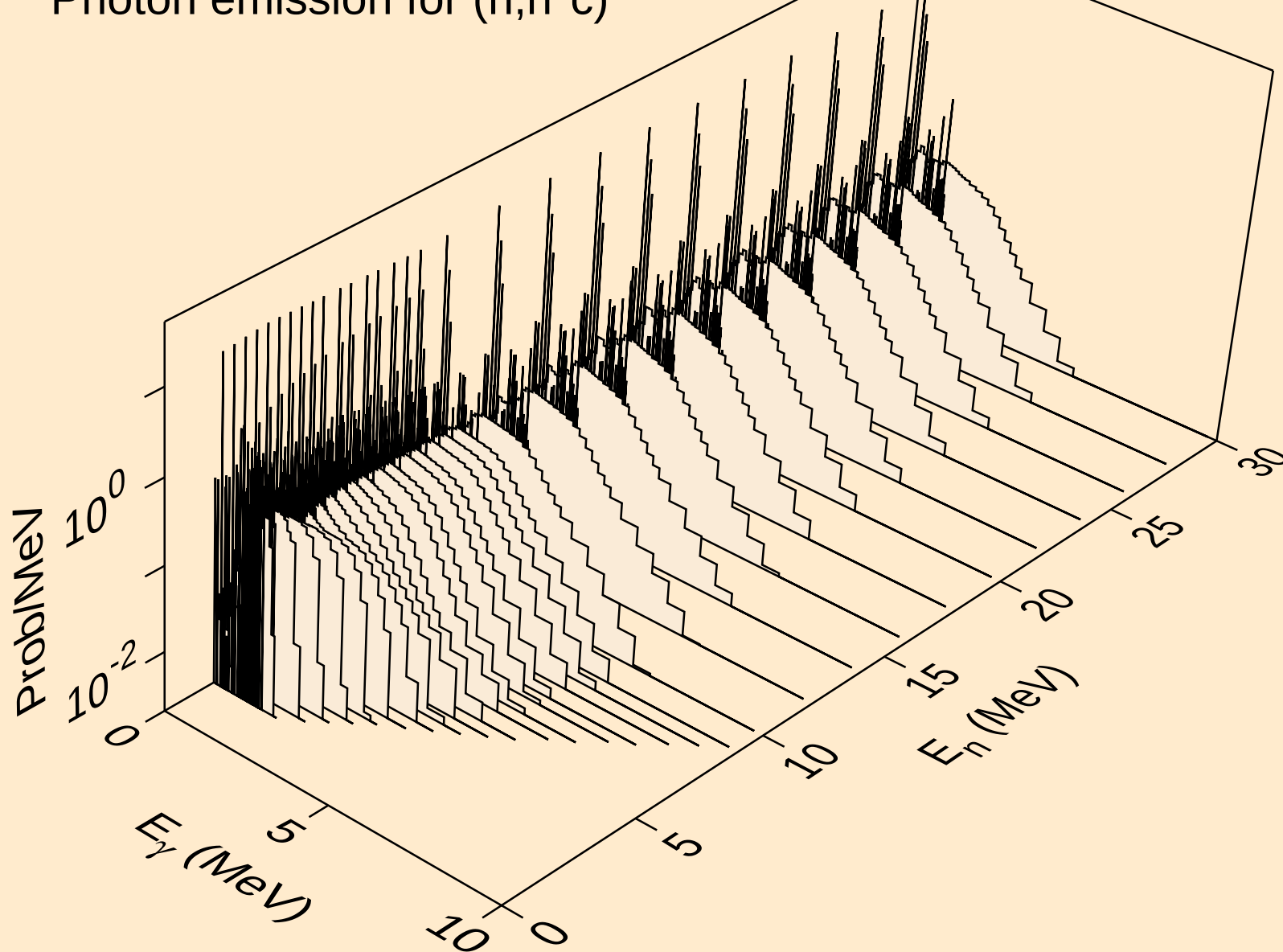
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



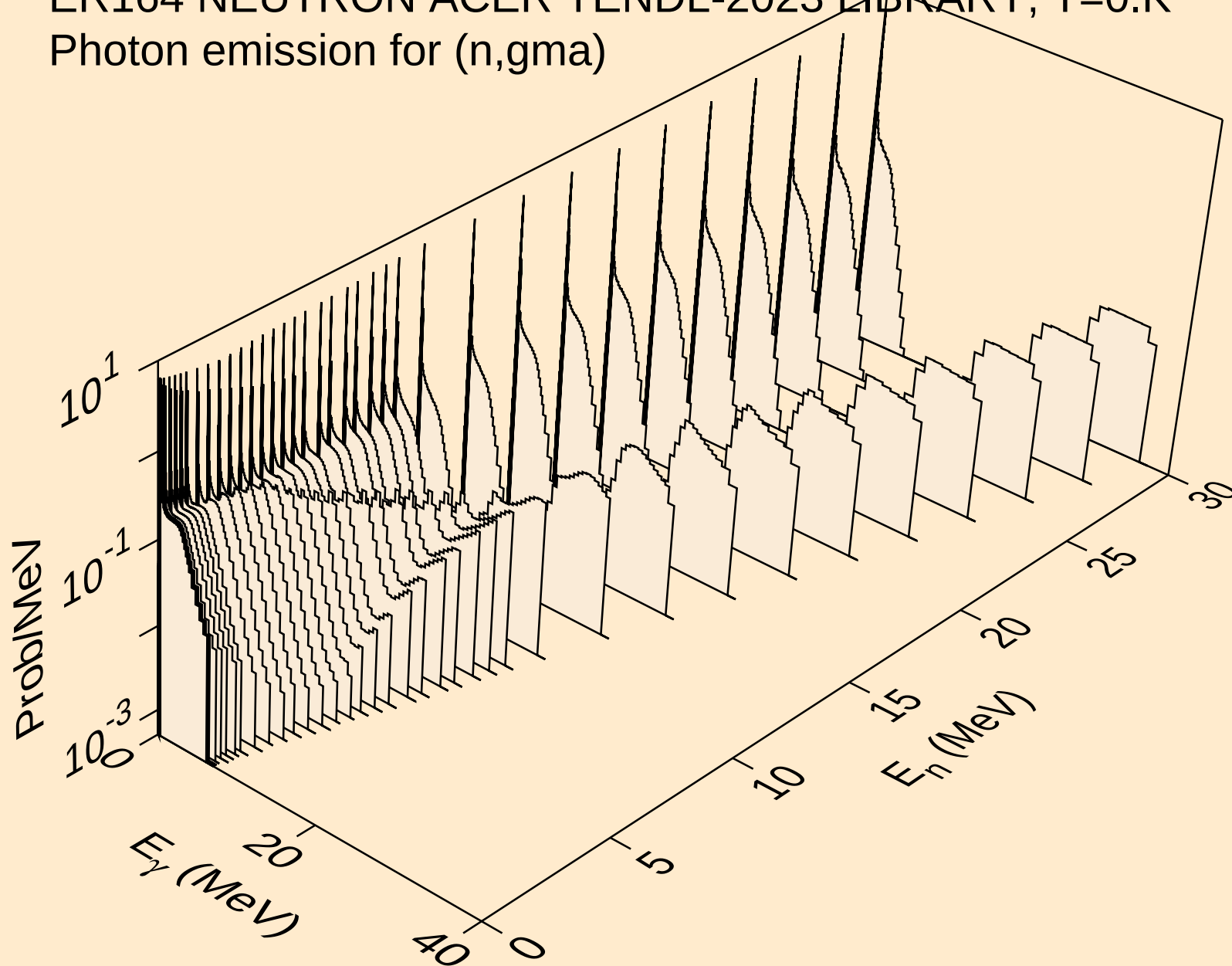
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,npa)



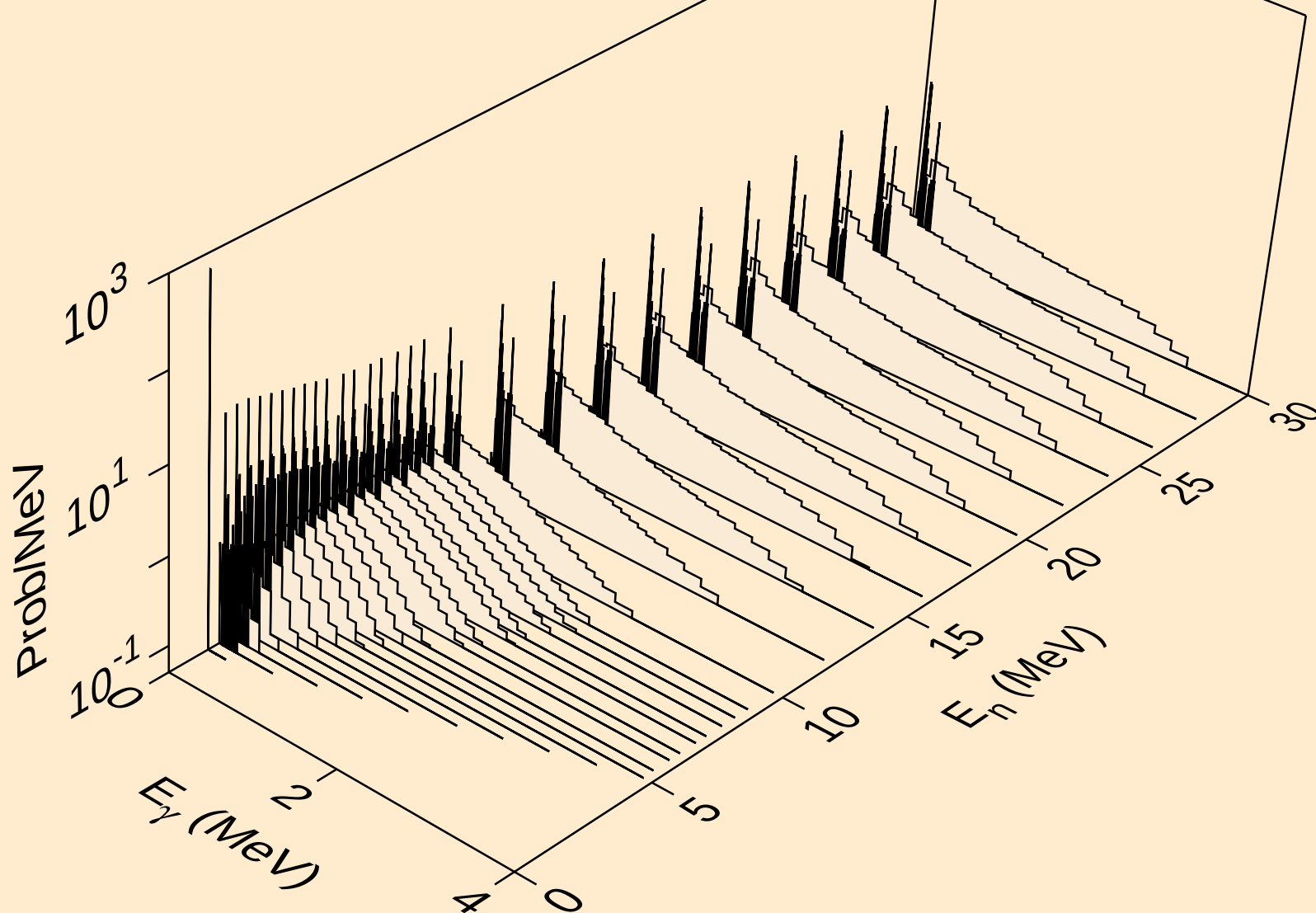
ER164 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,n^*c)



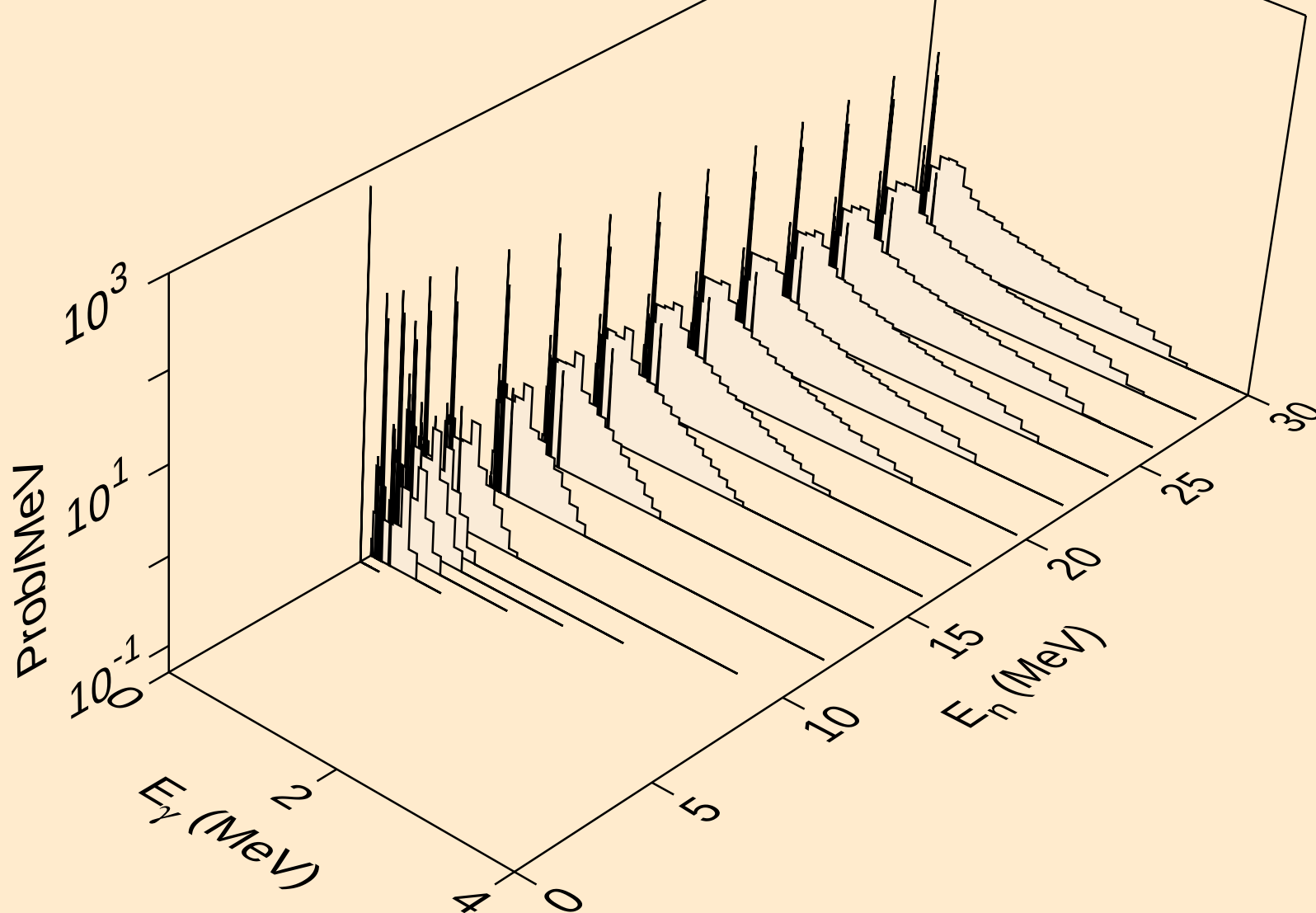
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



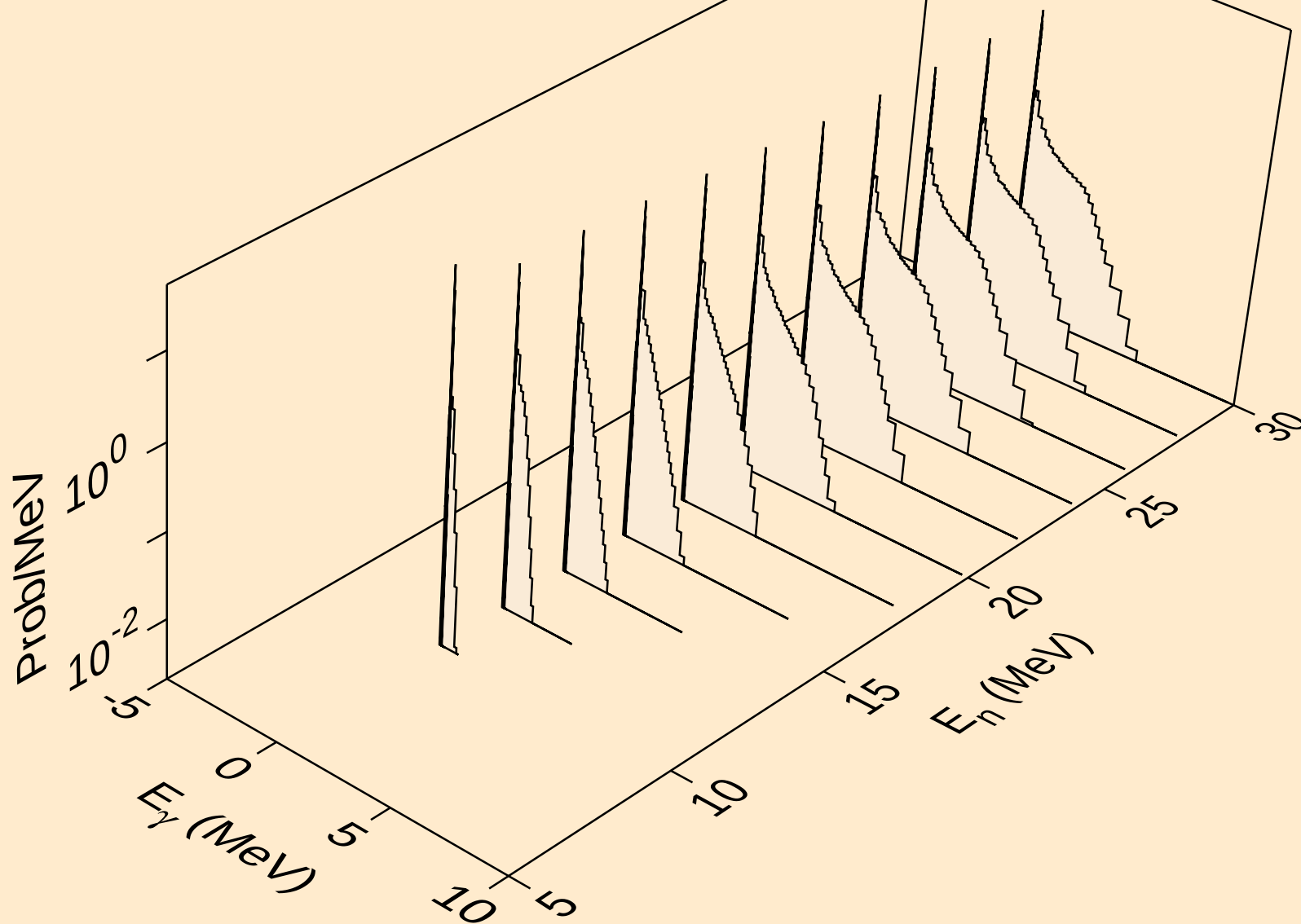
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



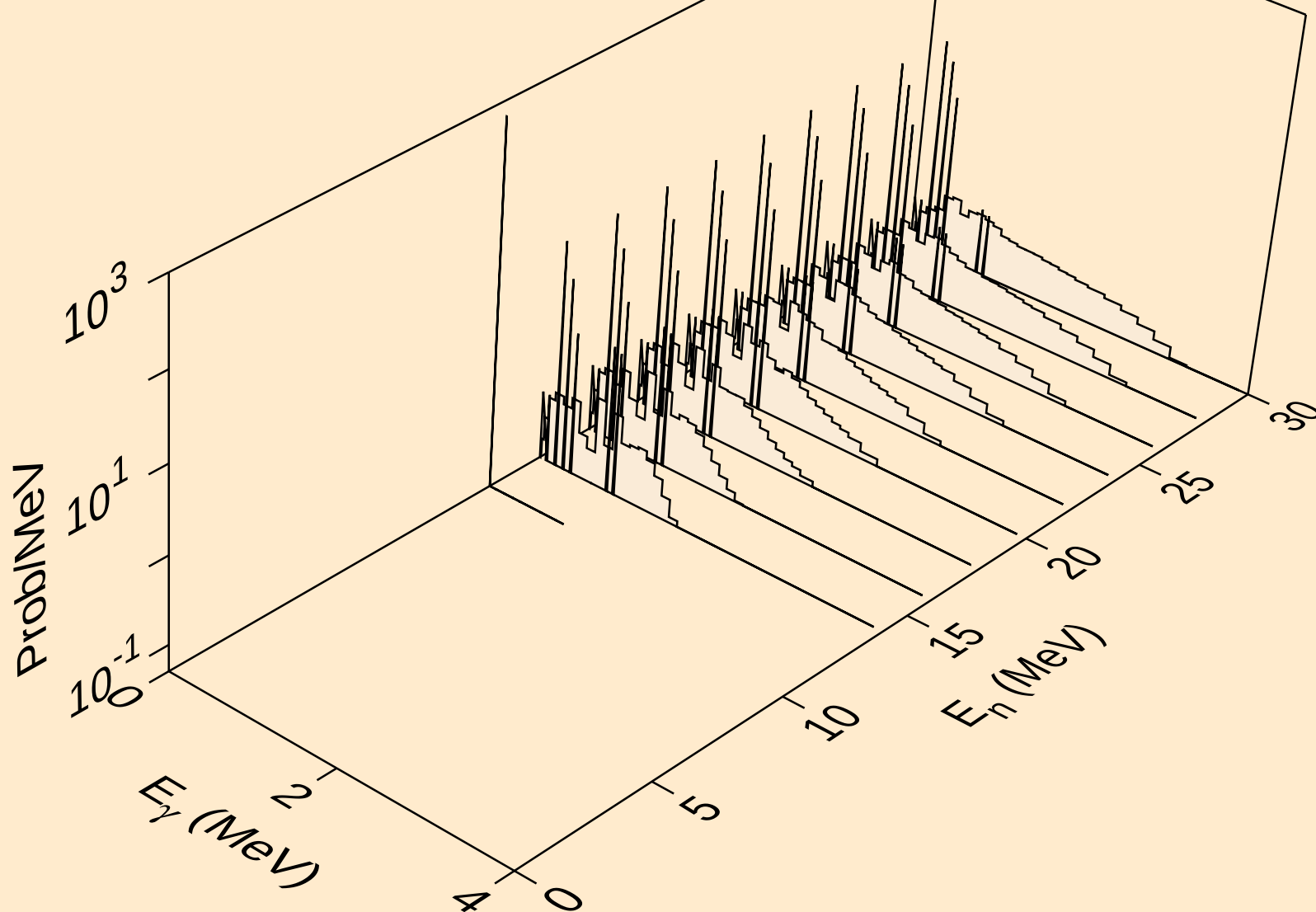
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



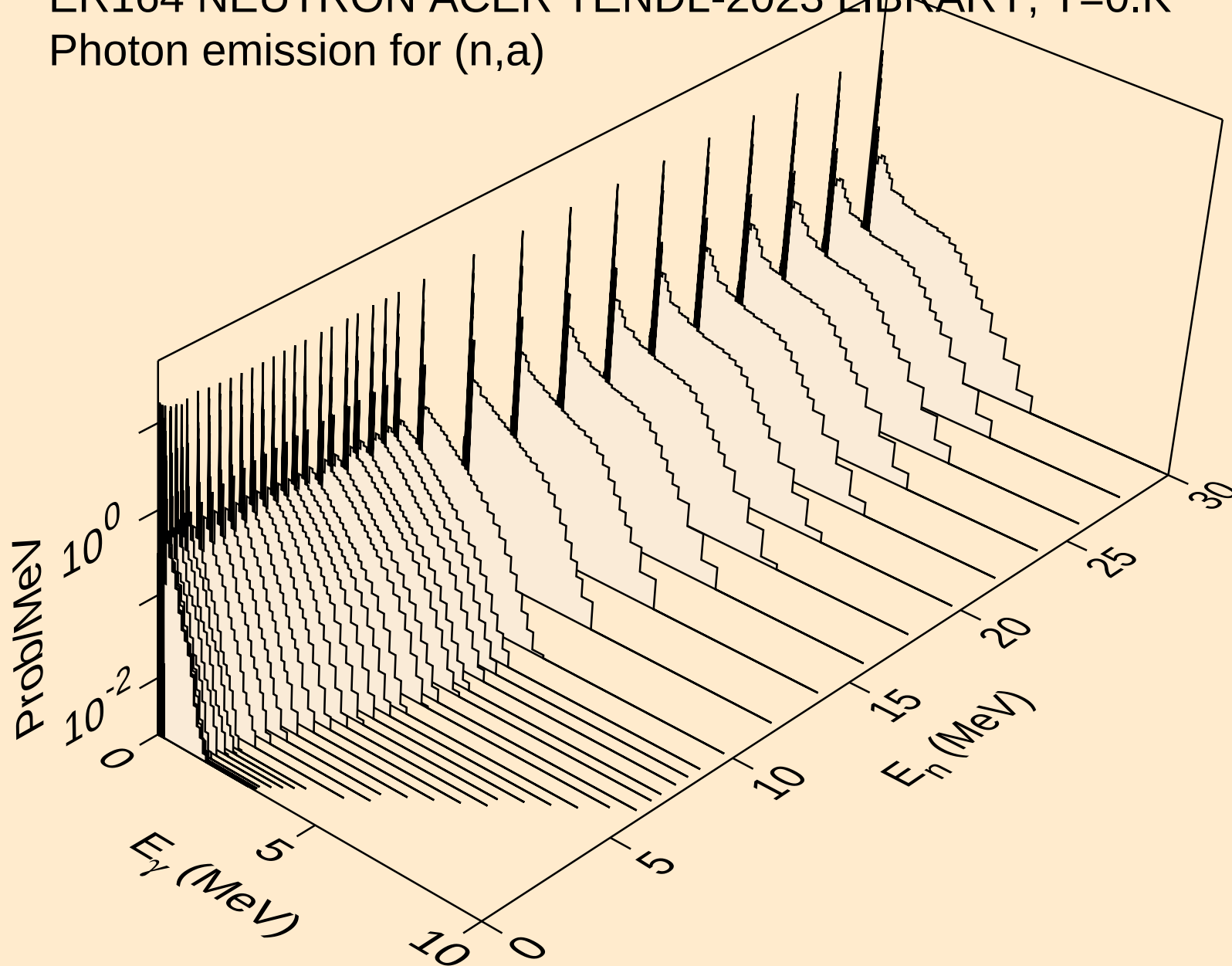
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



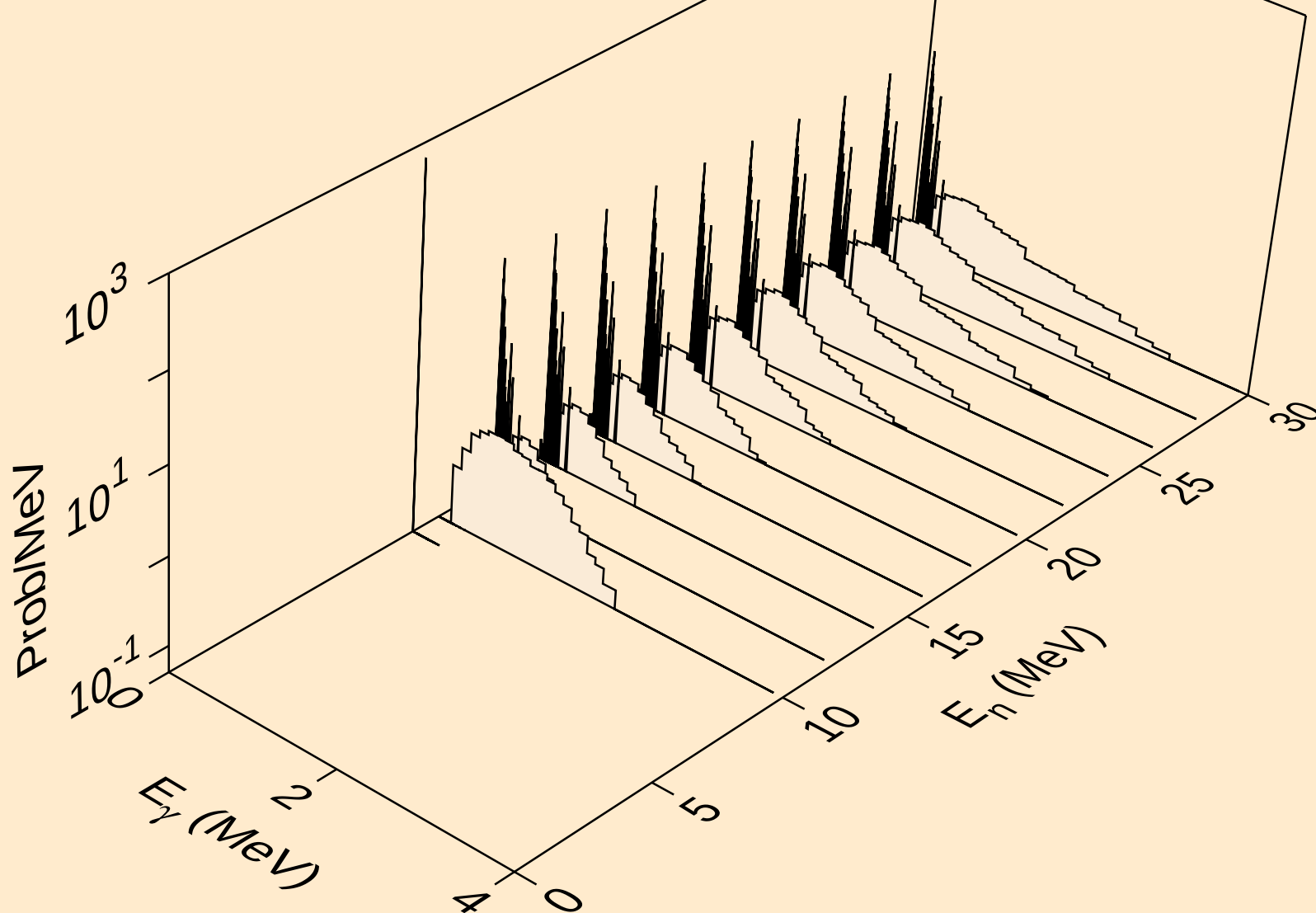
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



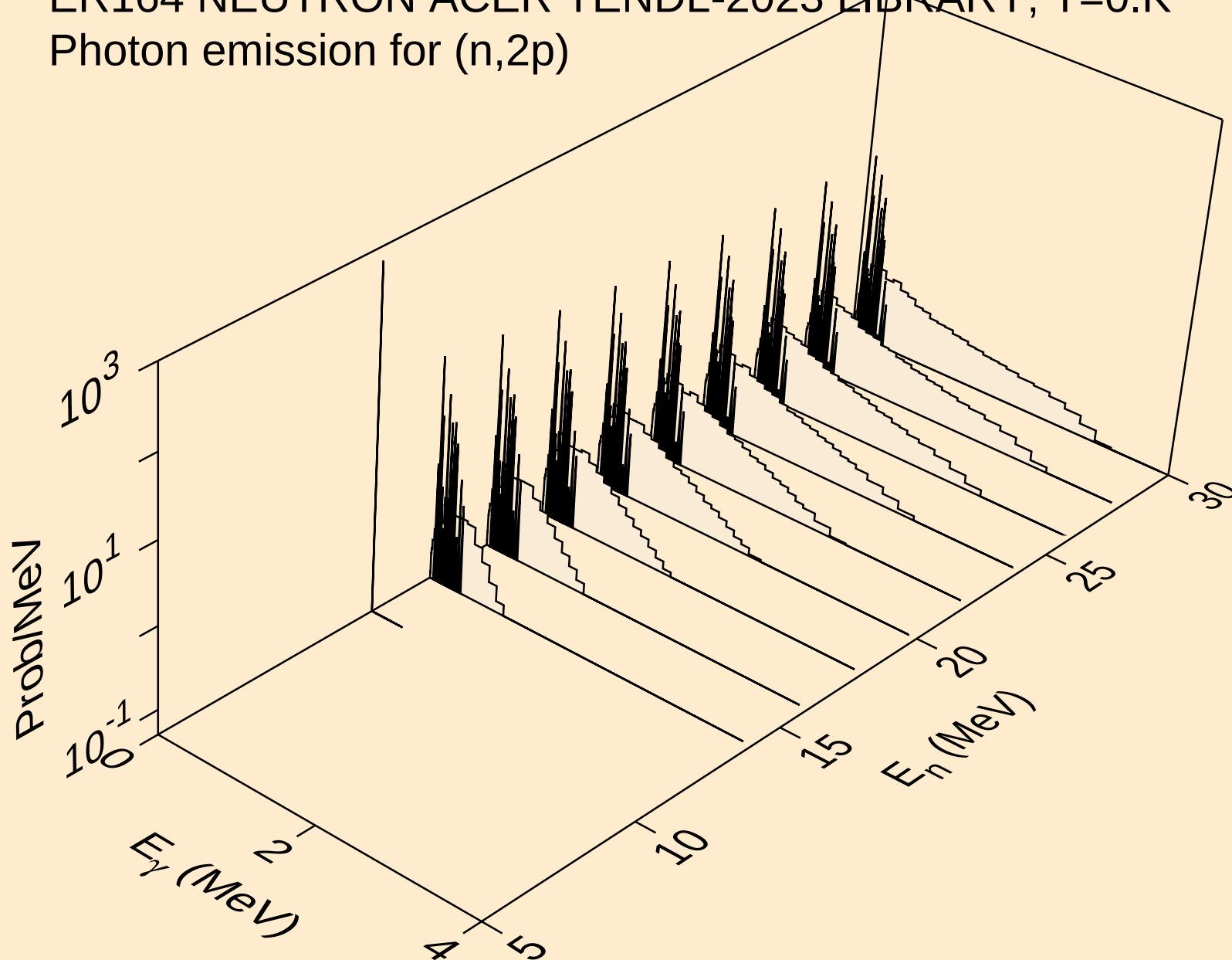
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



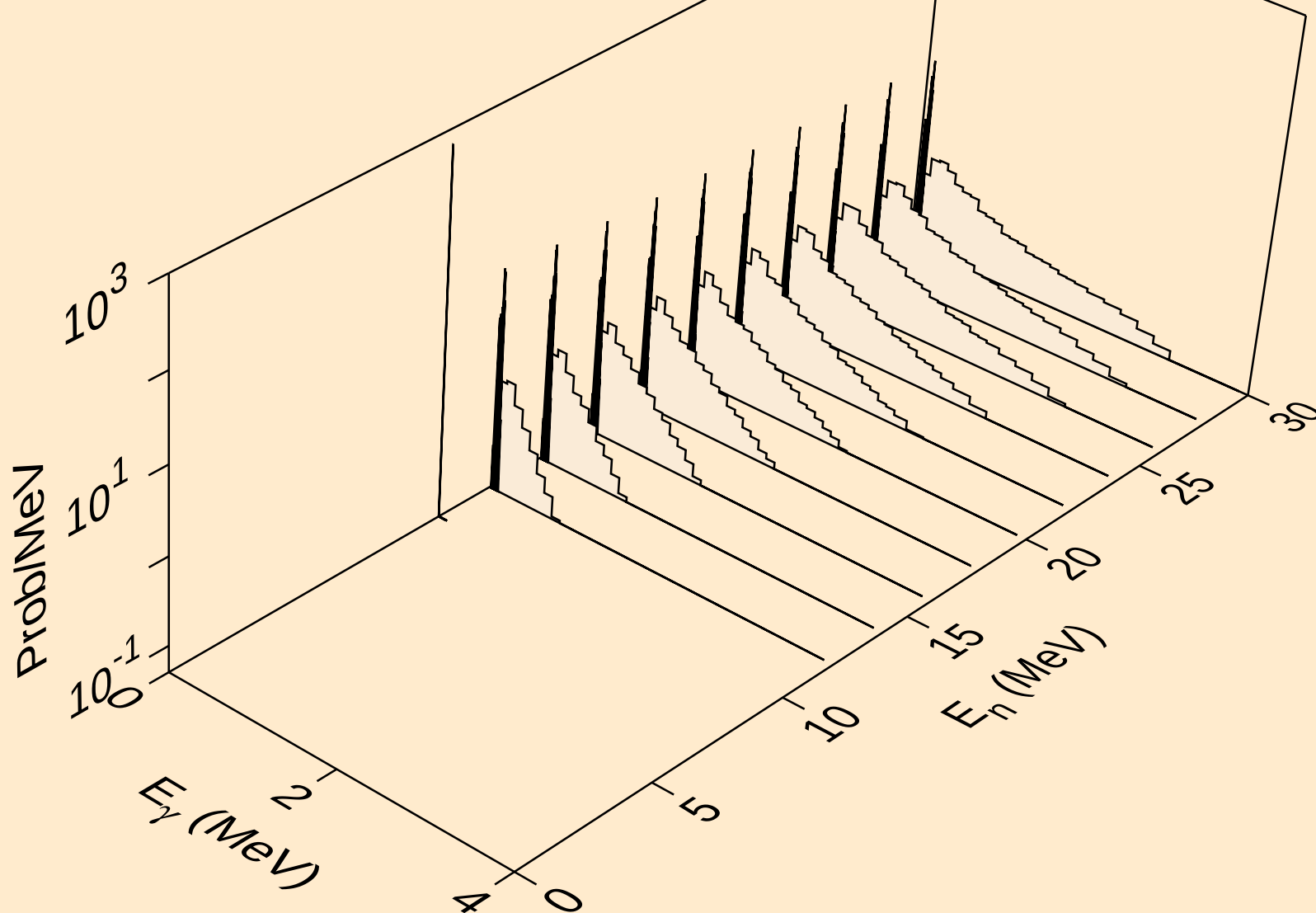
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)



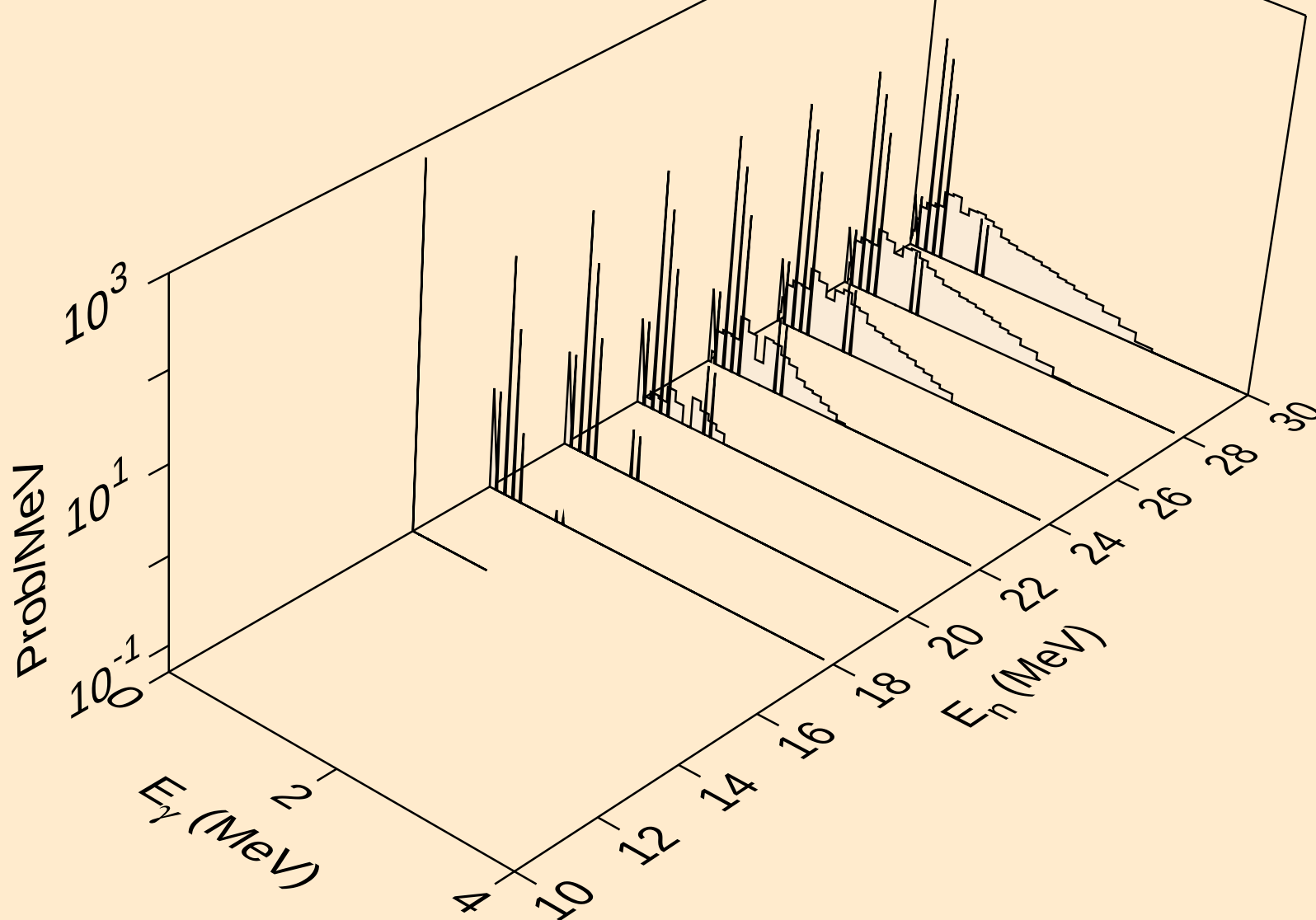
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



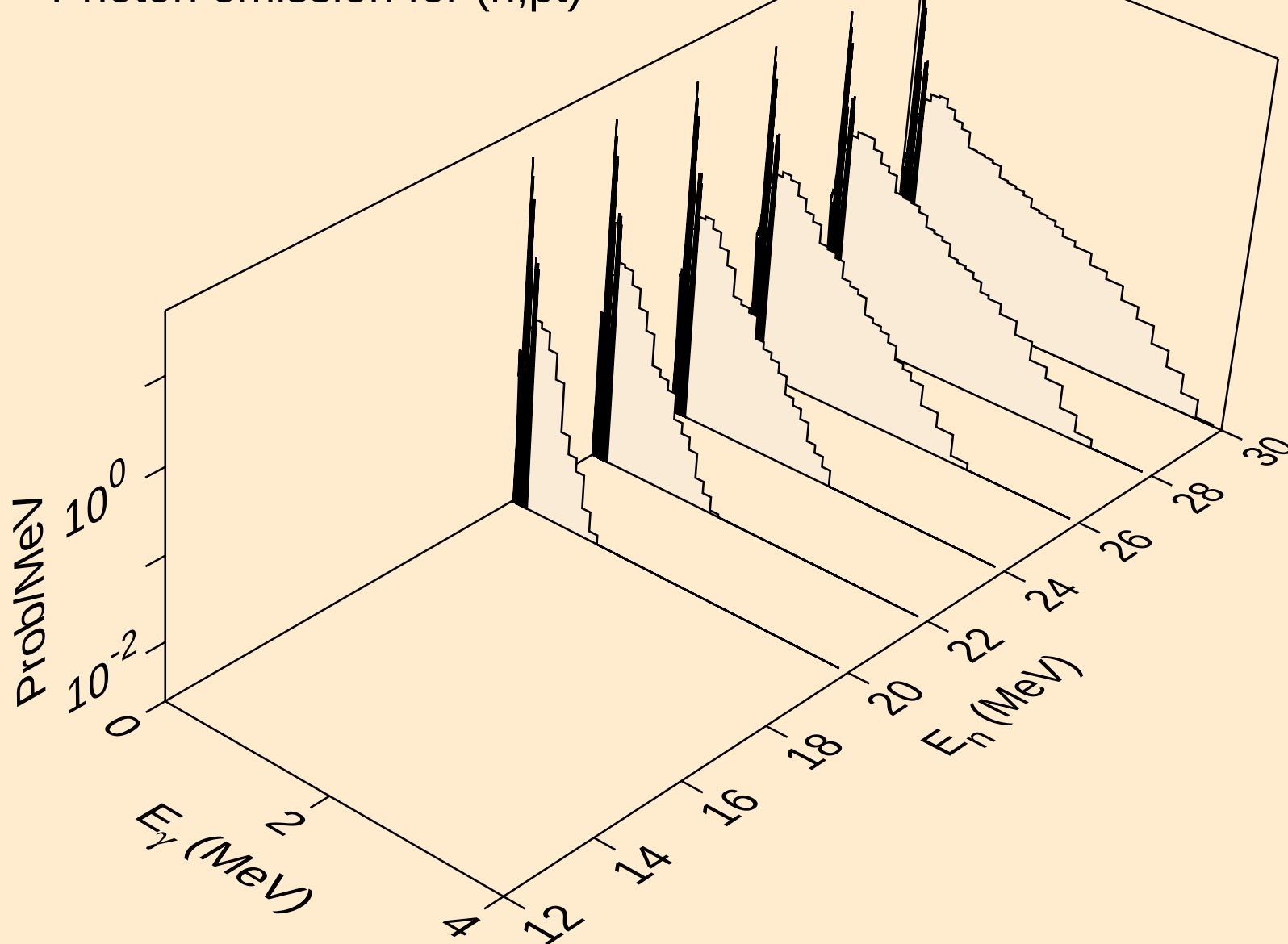
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p α)



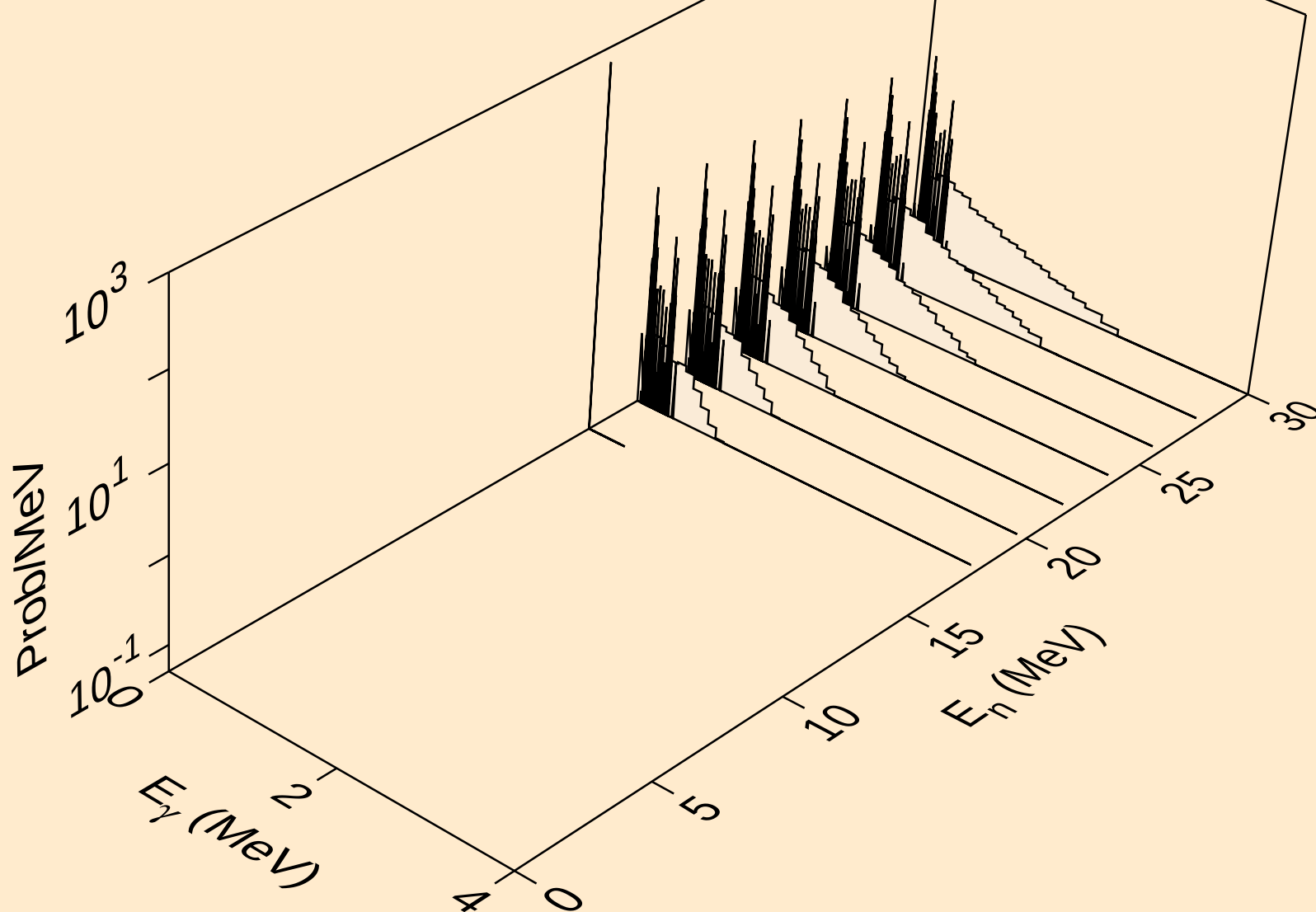
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)



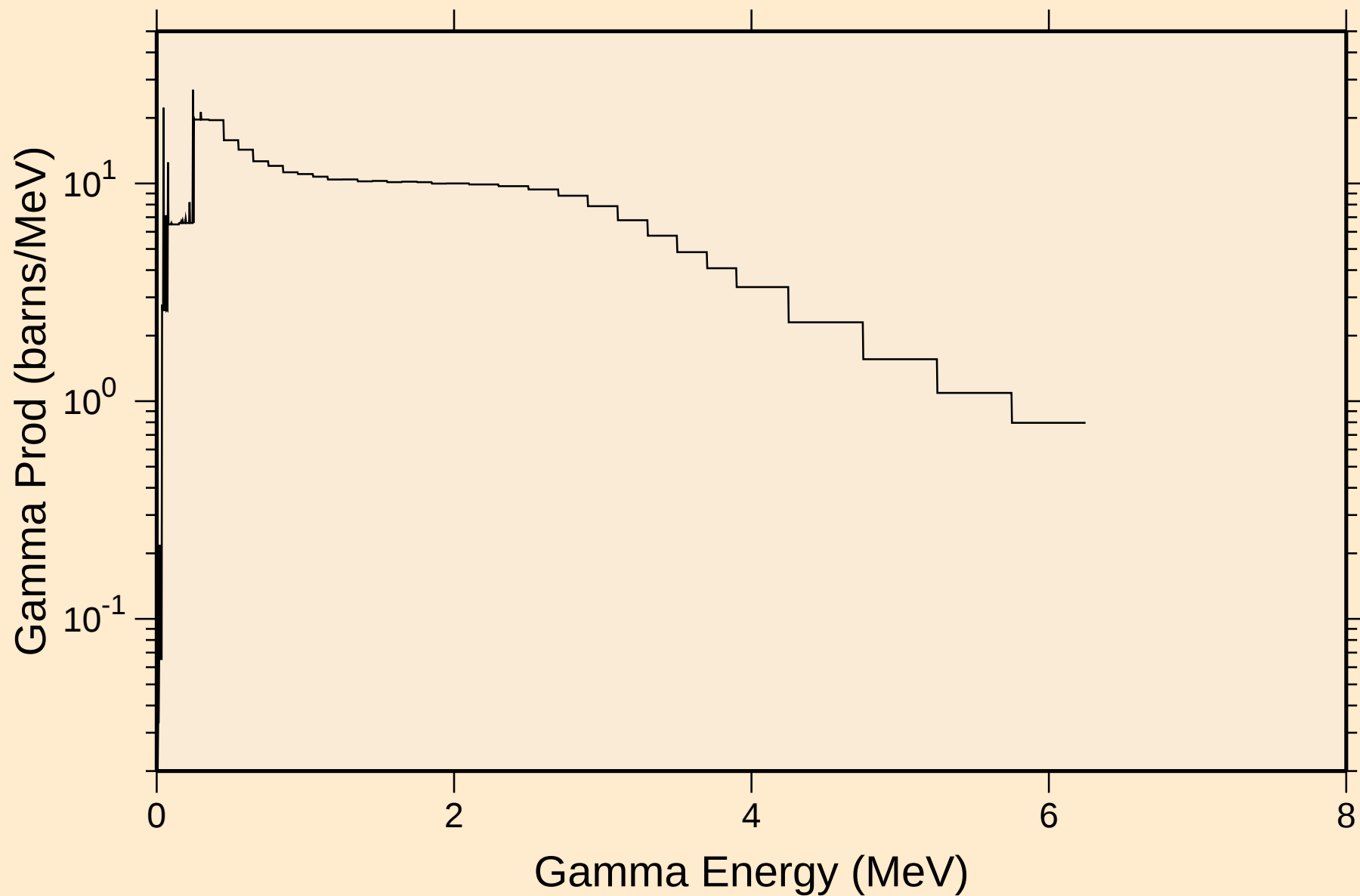
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pt)



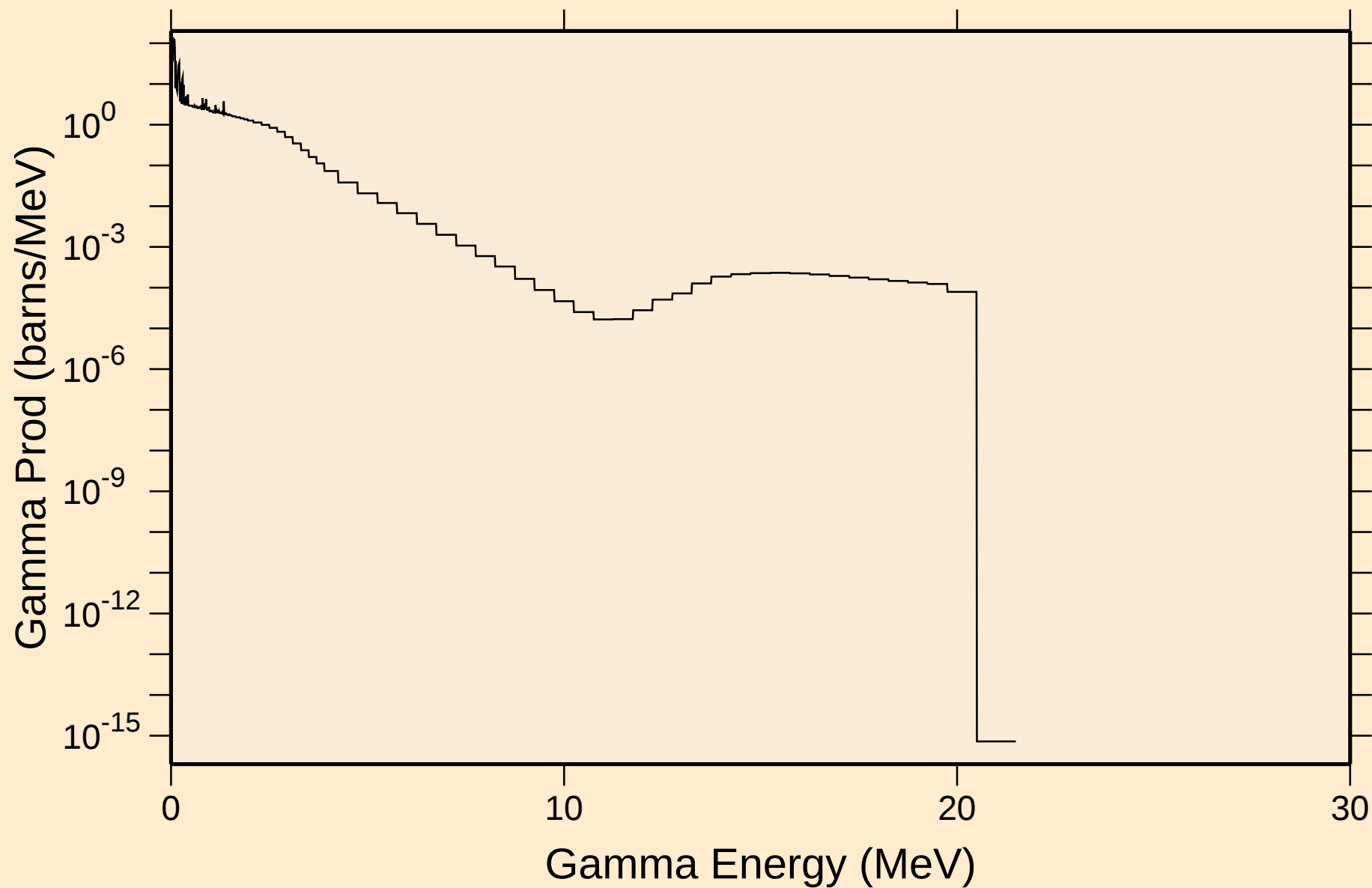
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,da)



ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
thermal capture photon spectrum

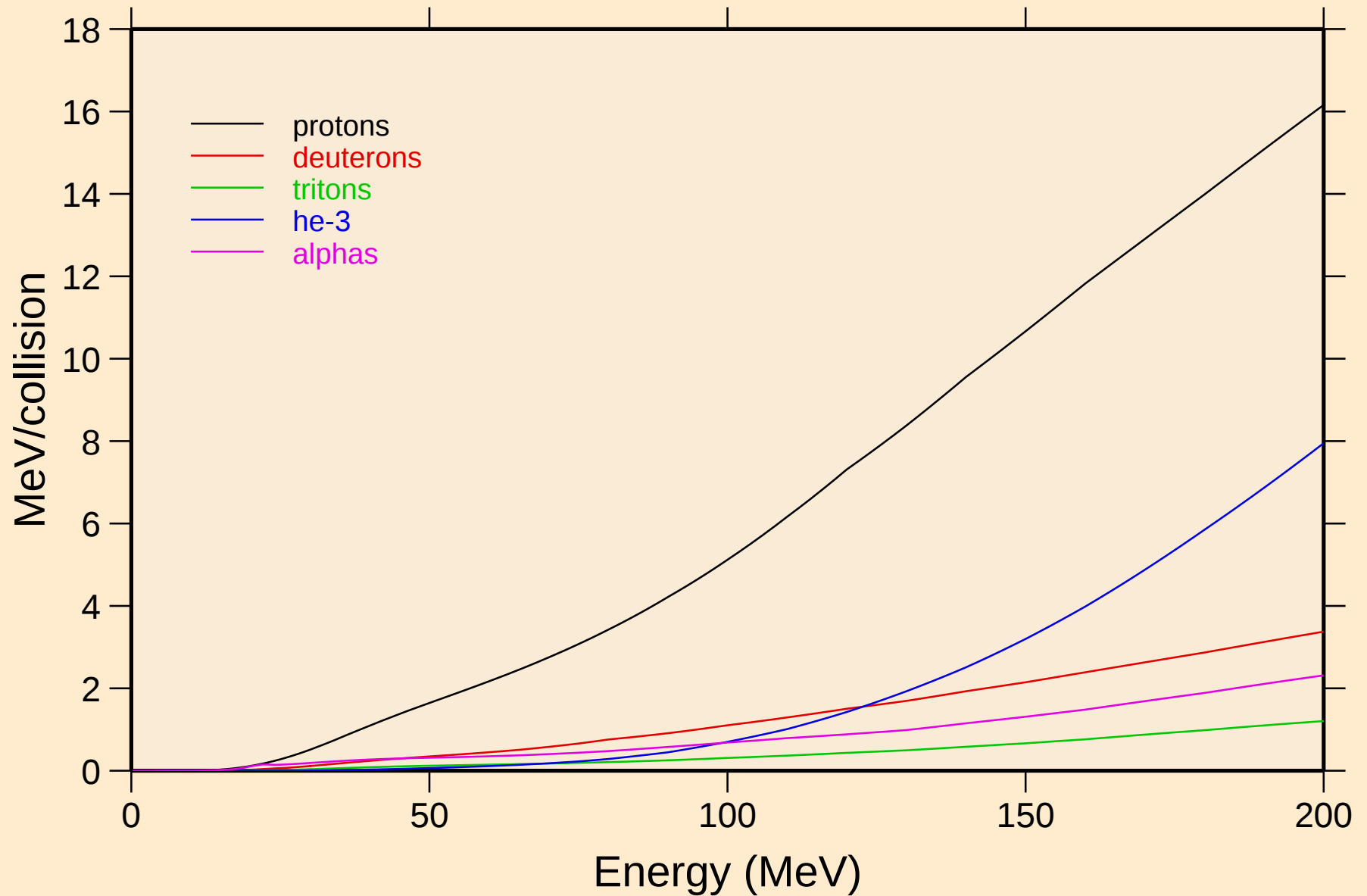


ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
14 MeV photon spectrum



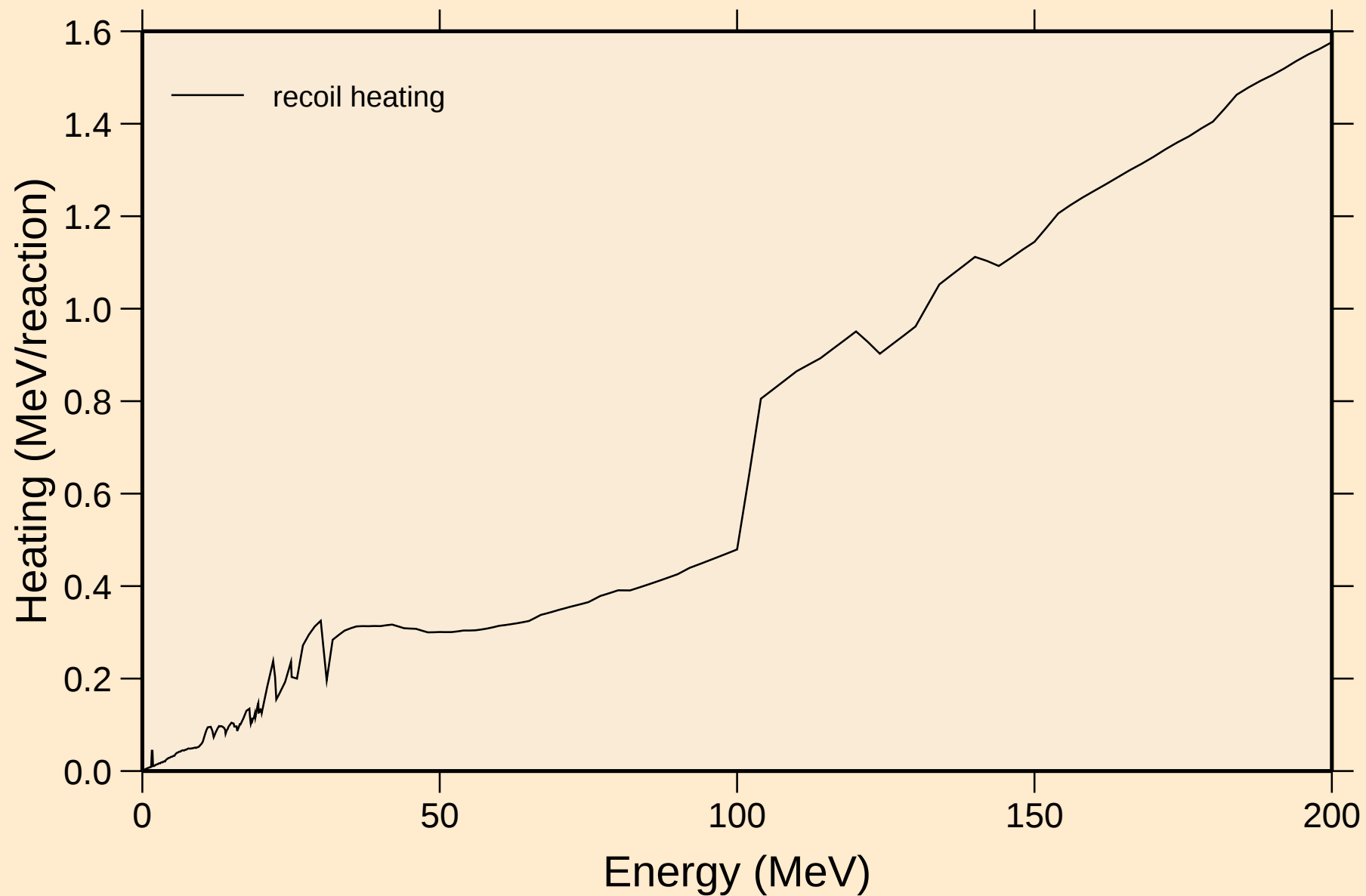
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions



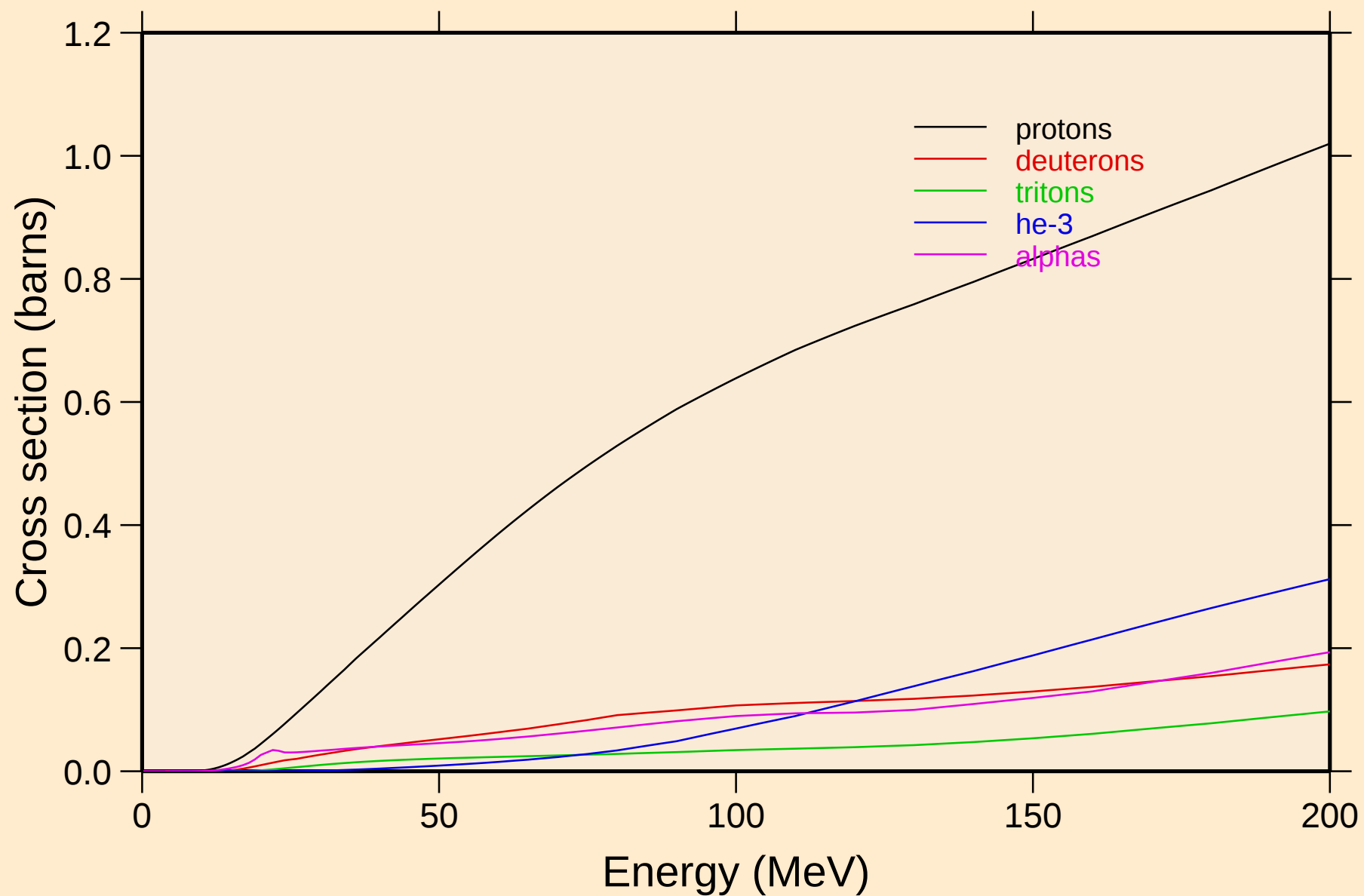
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

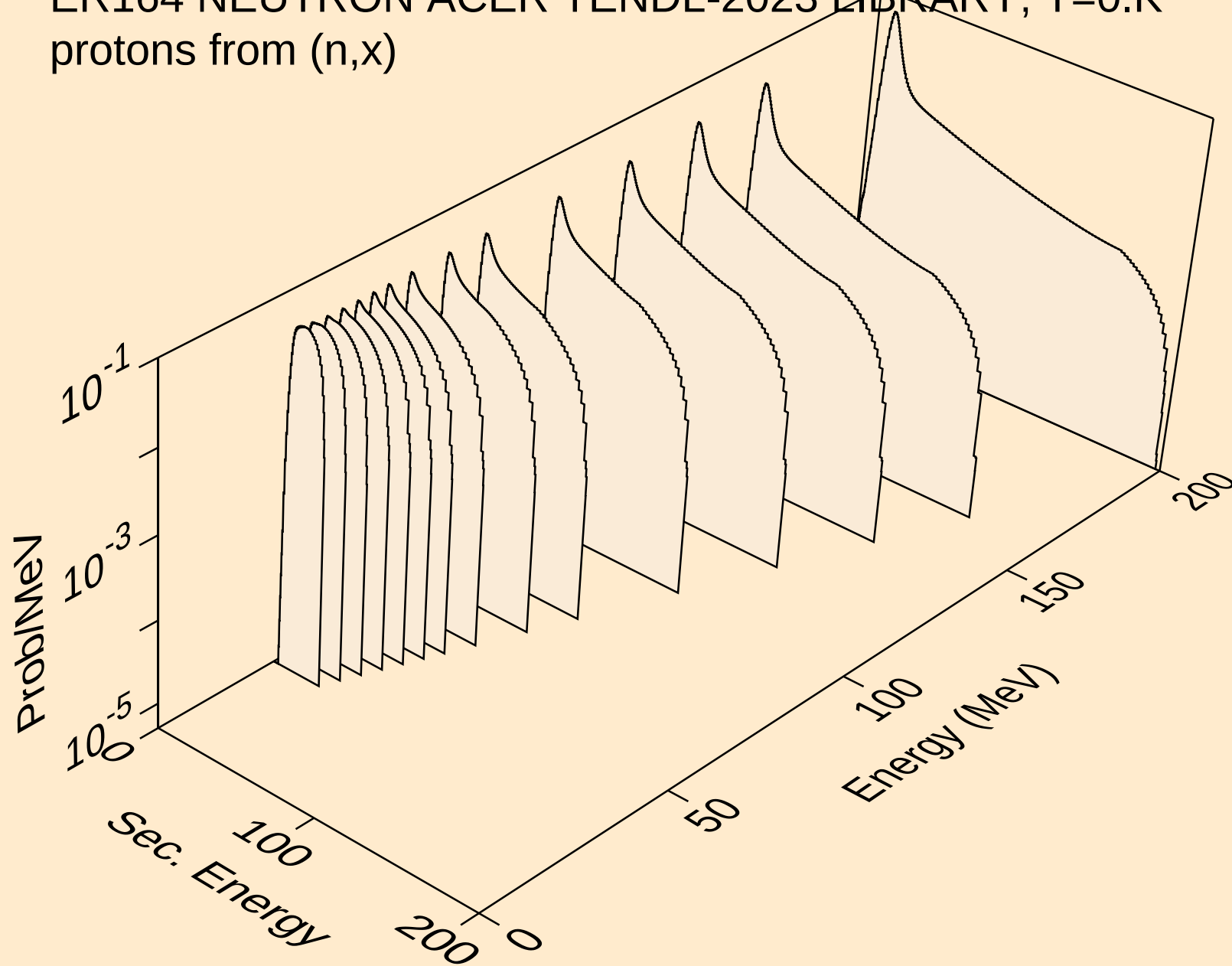


ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

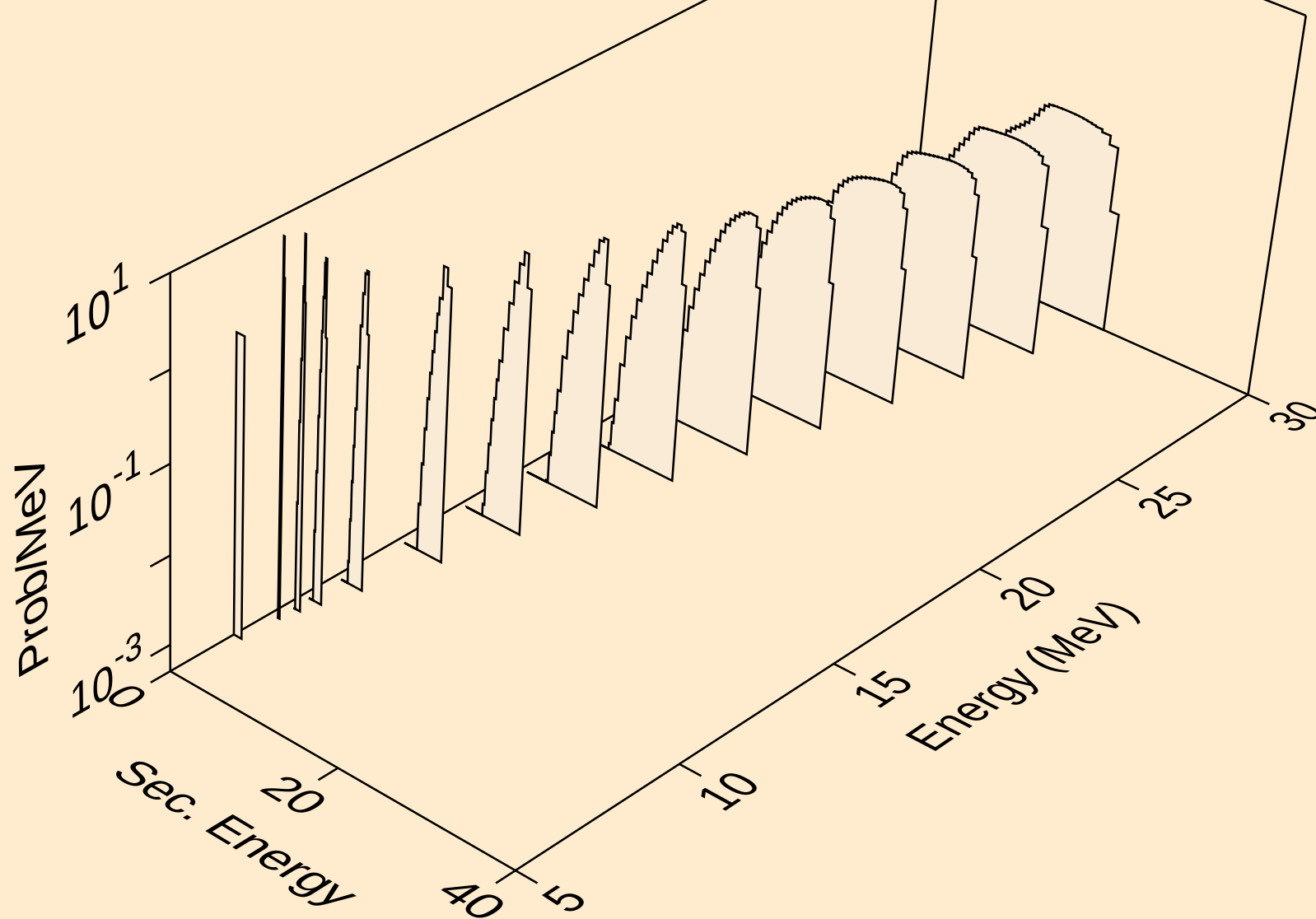
Particle production cross sections



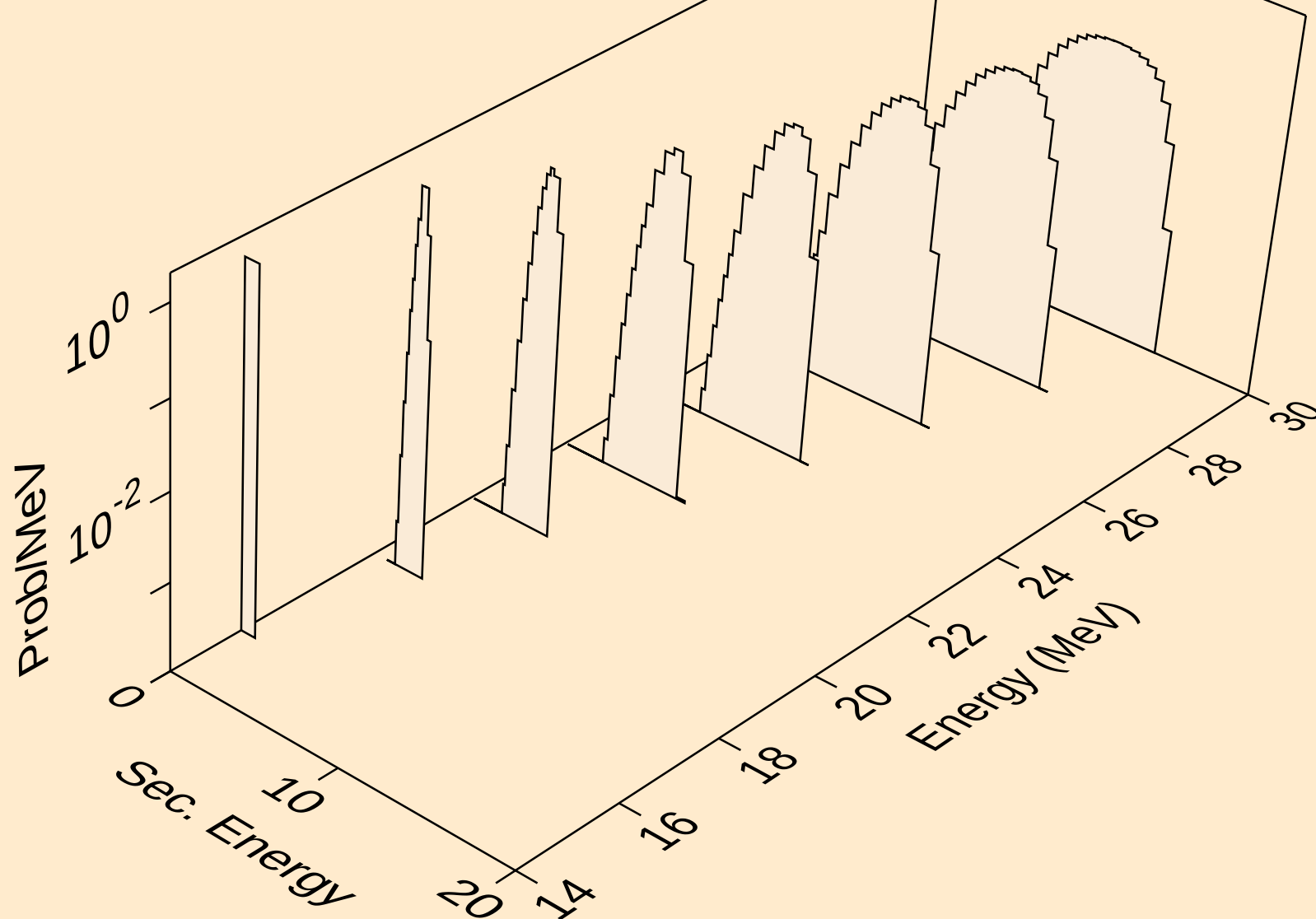
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,x)



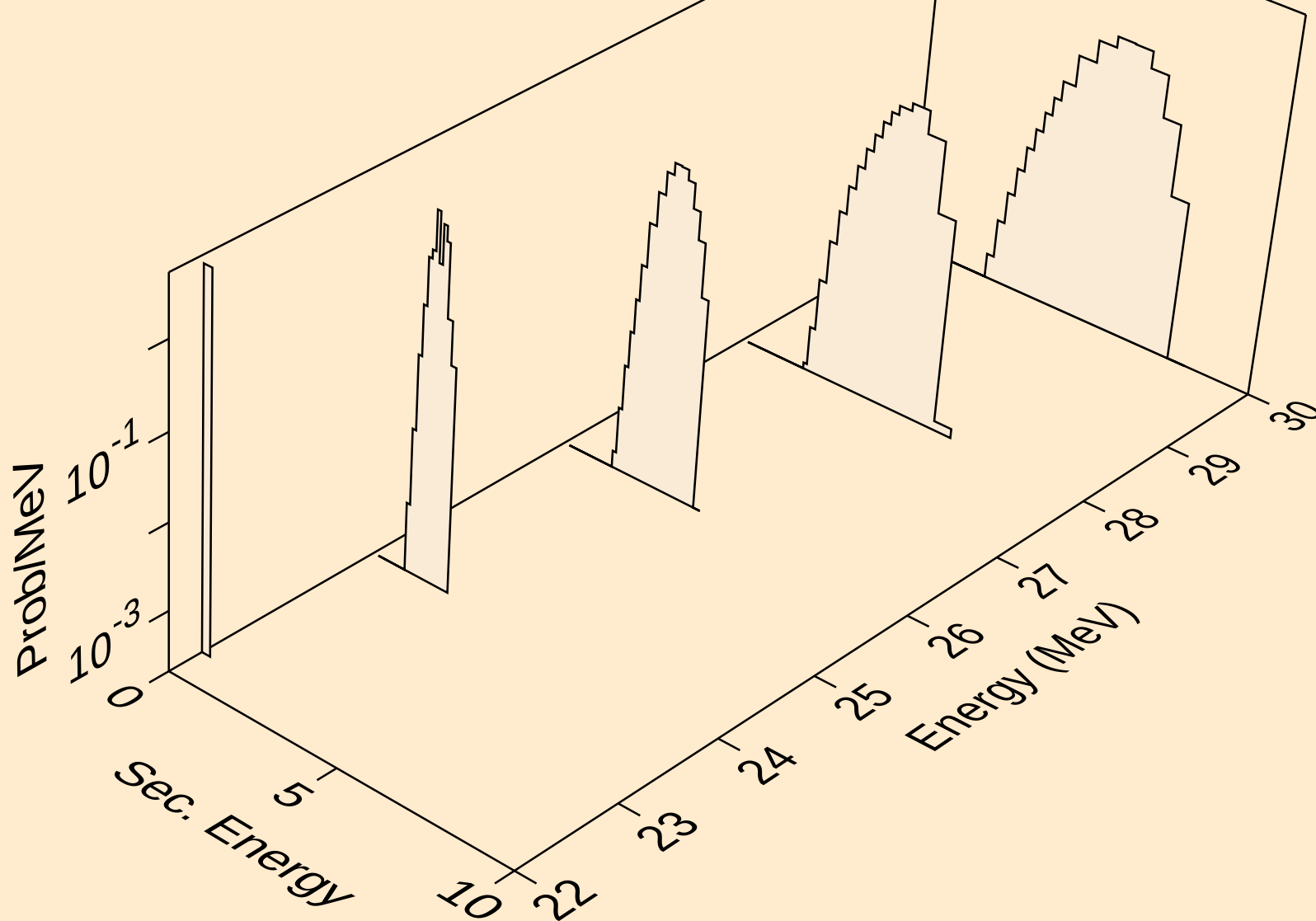
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n*)p



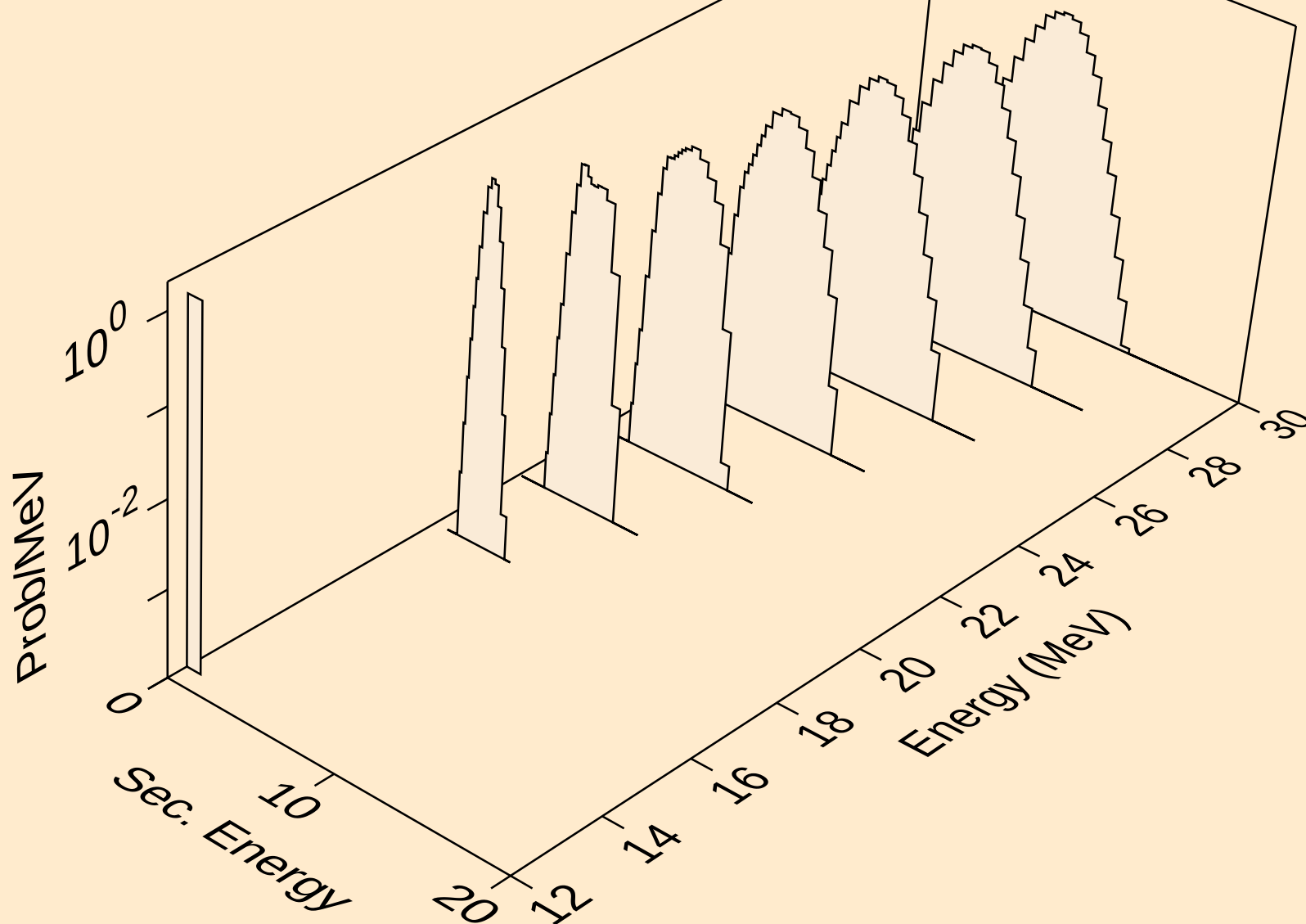
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protons from (n,2np)



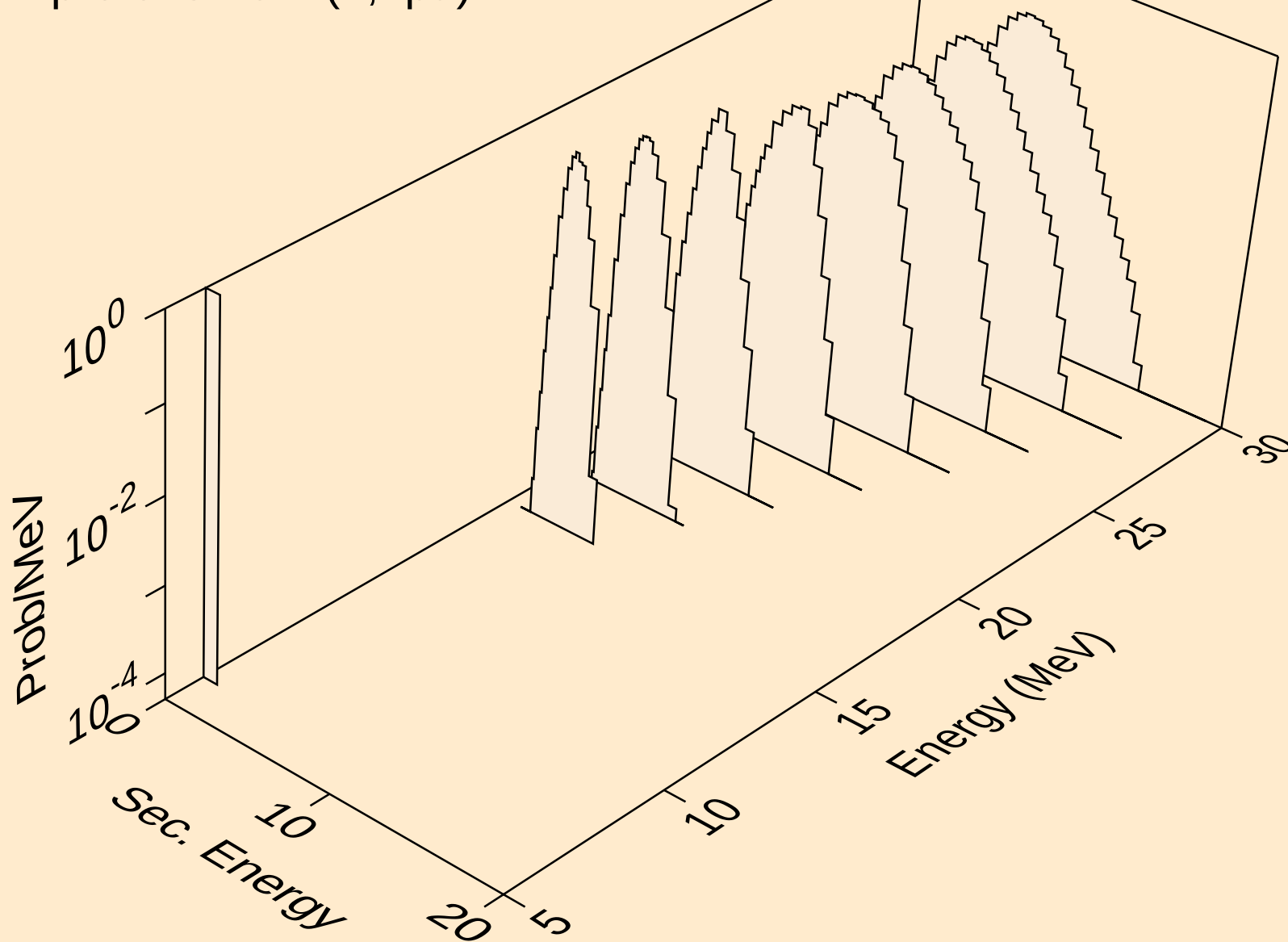
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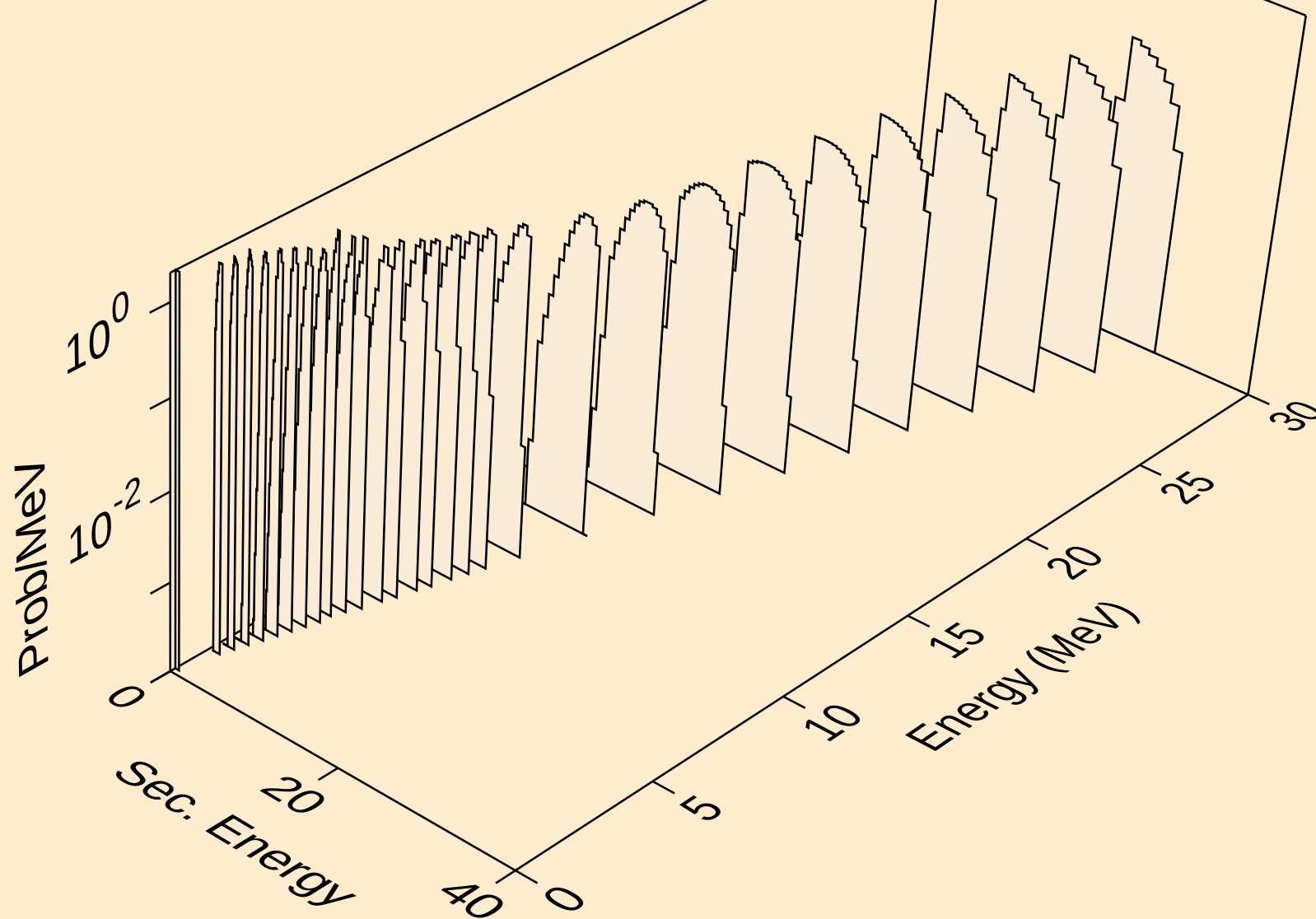
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protons from (n,n2p)



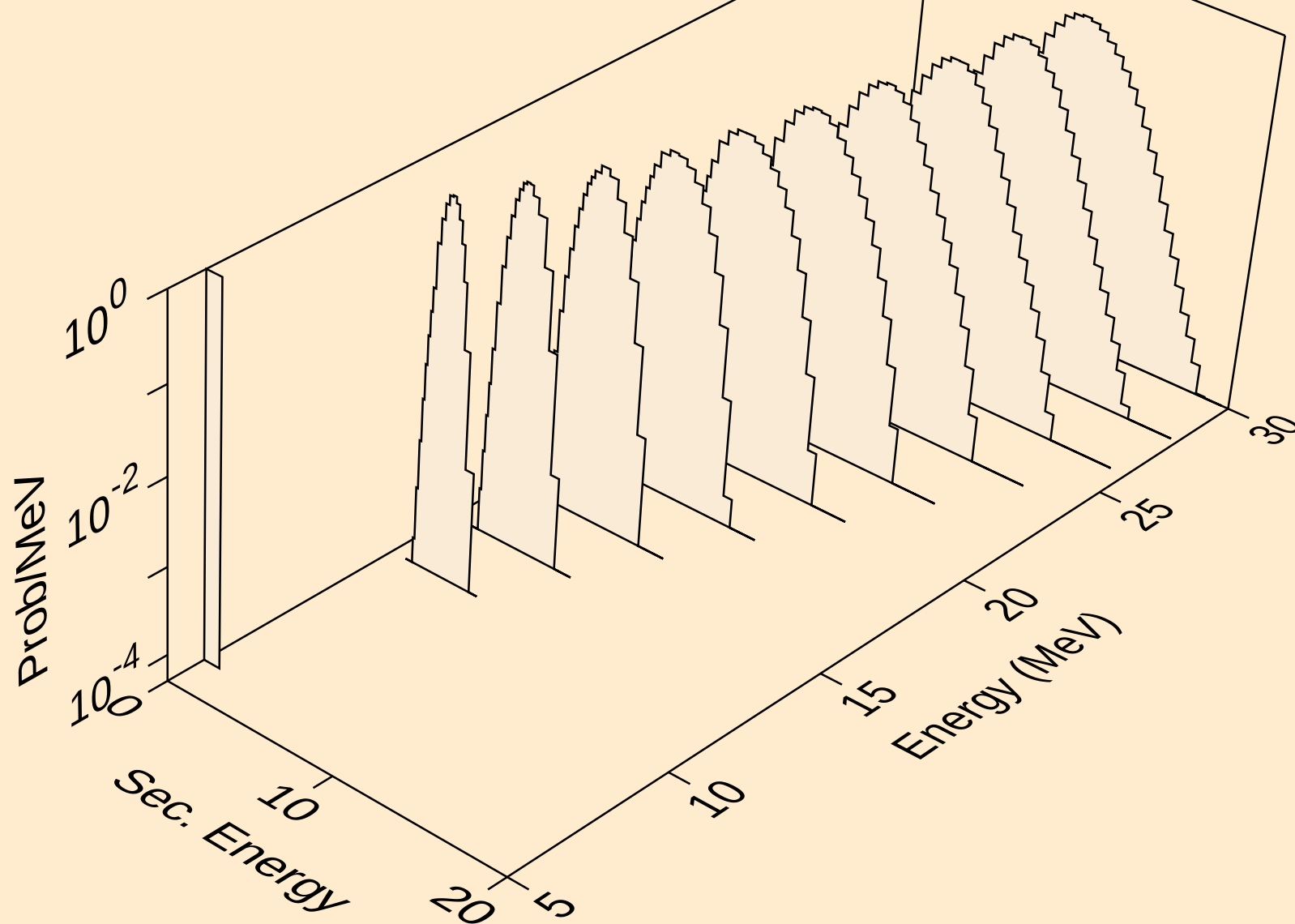
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protons from (n,npa)



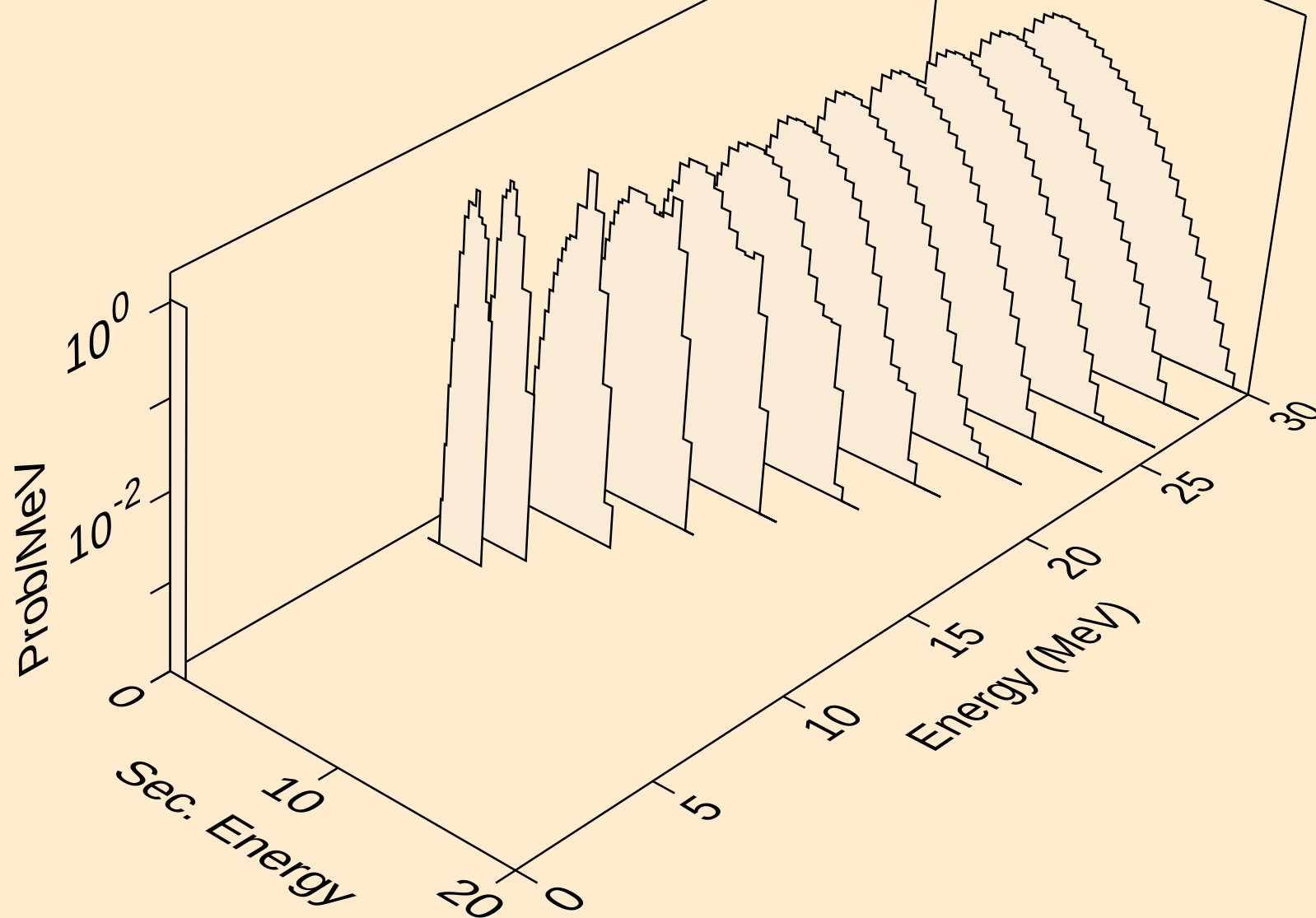
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protons from (n,p)



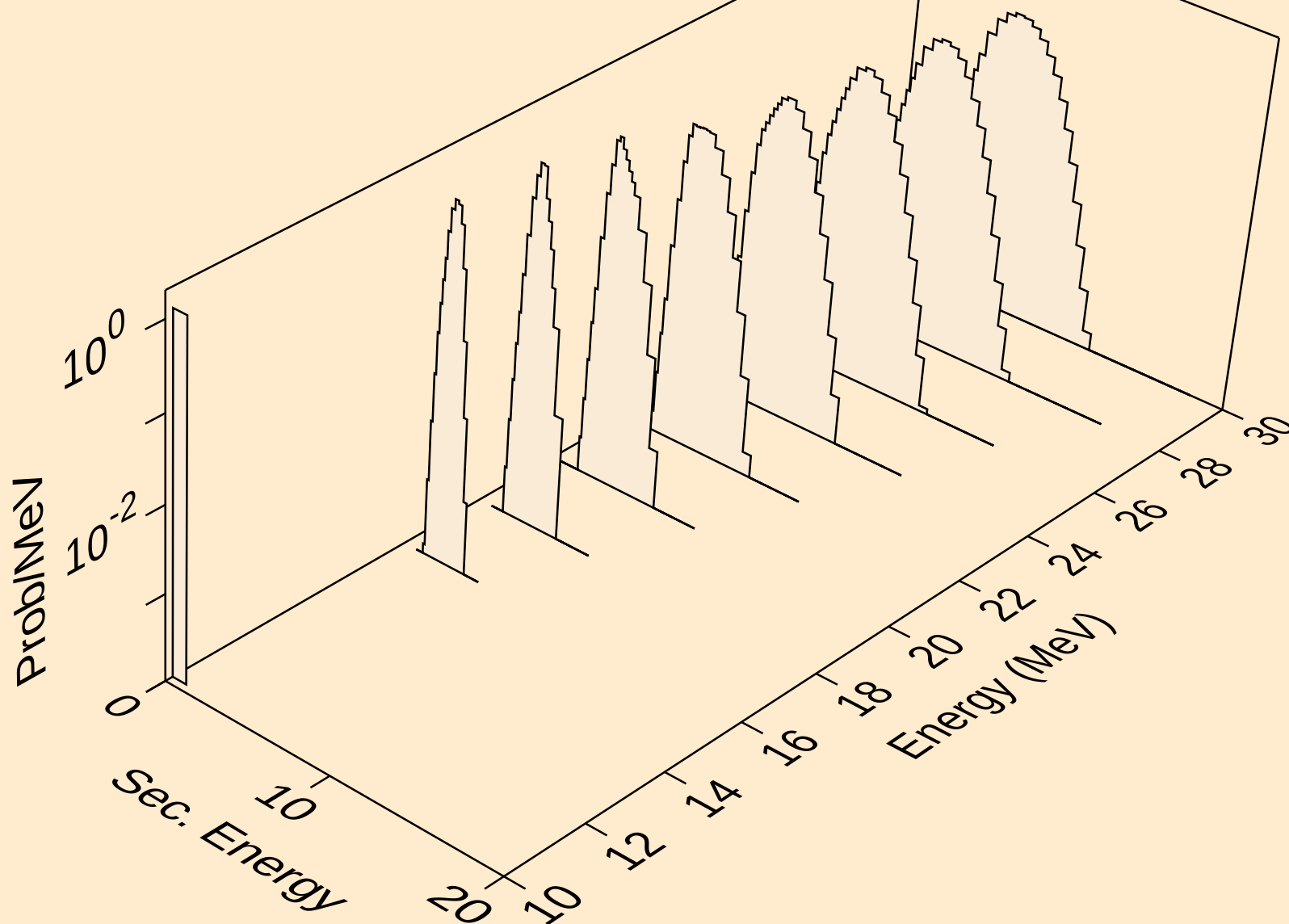
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protons from (n,2p)



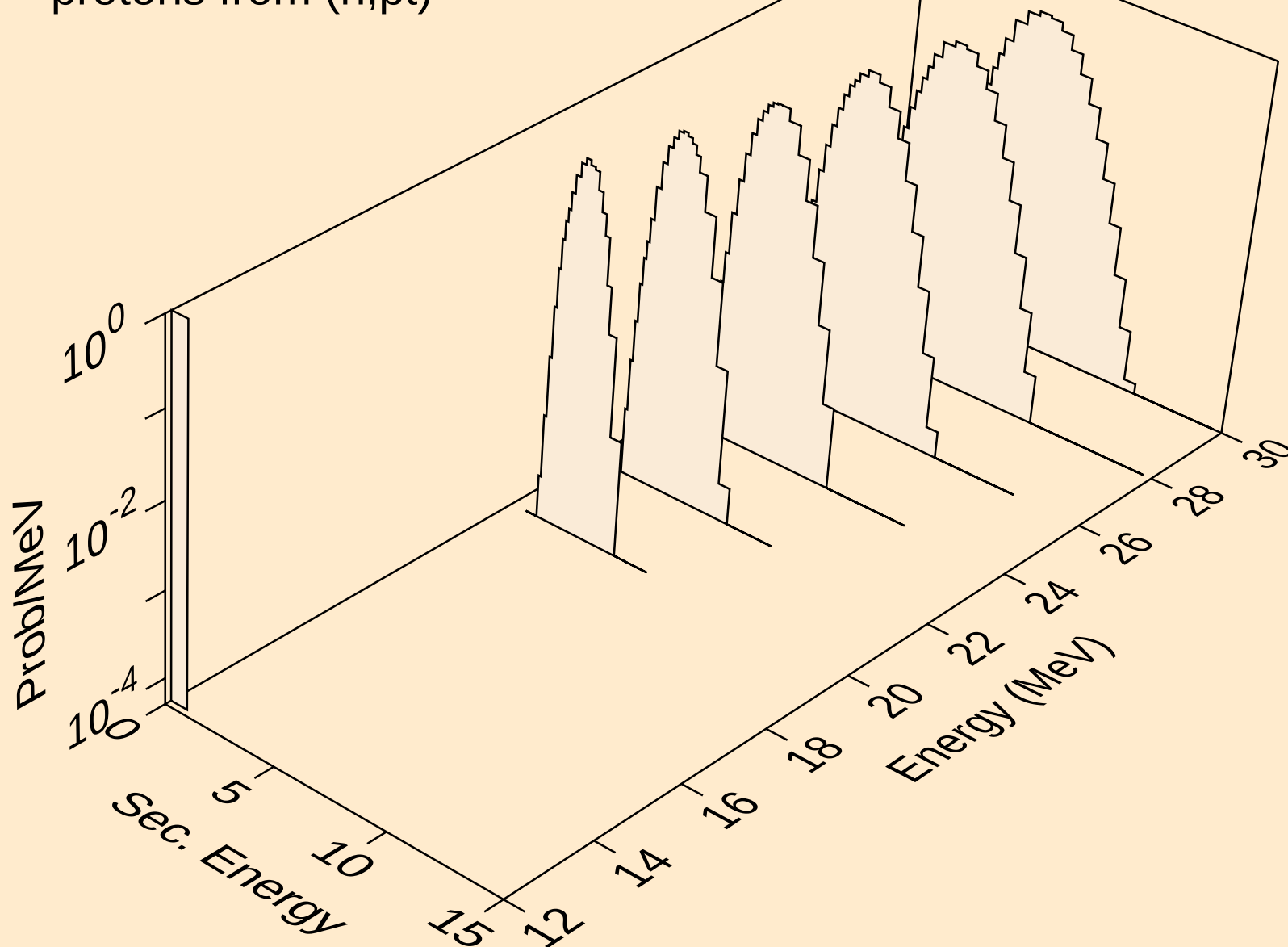
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protons from (n,p)



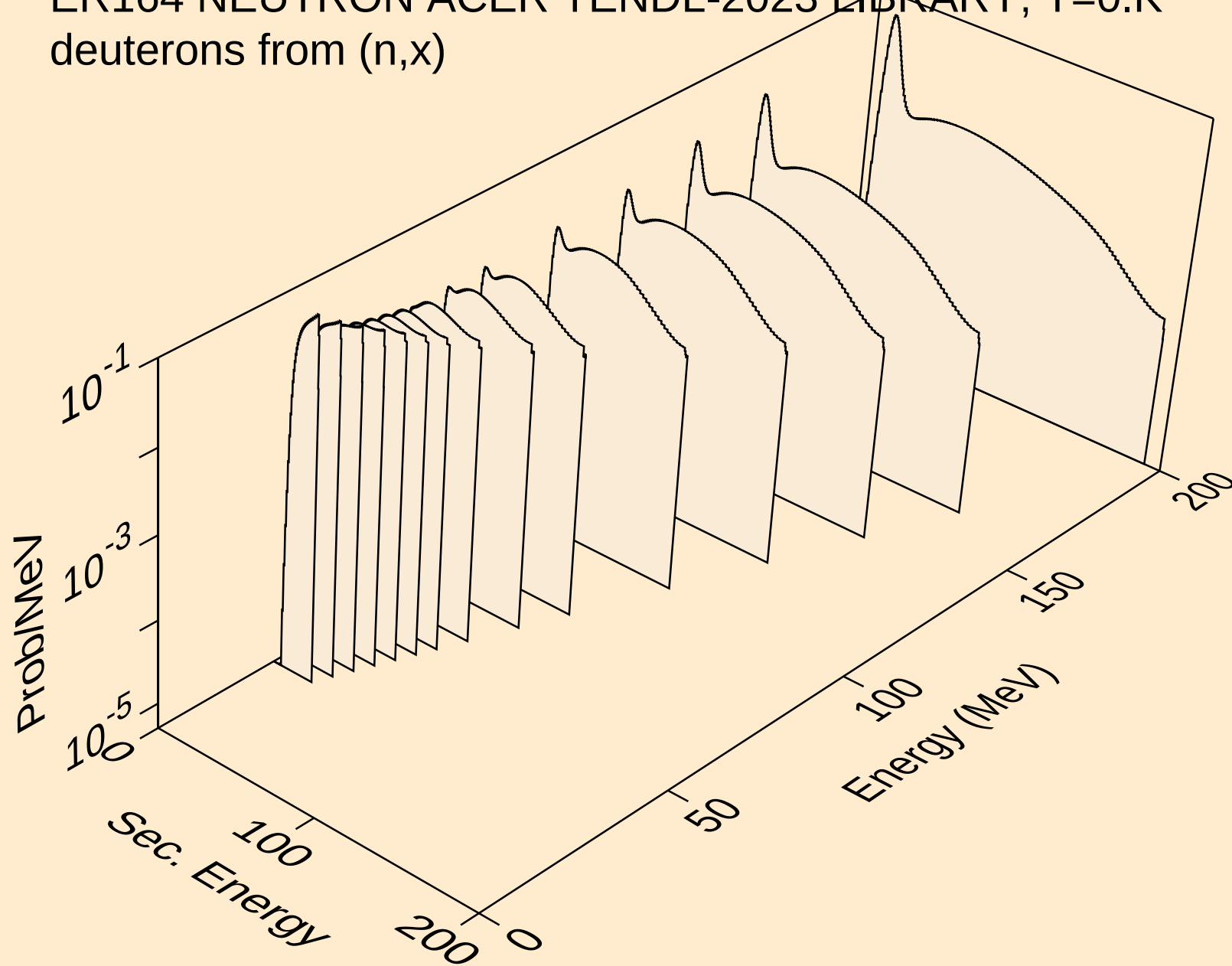
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protons from (n,pd)



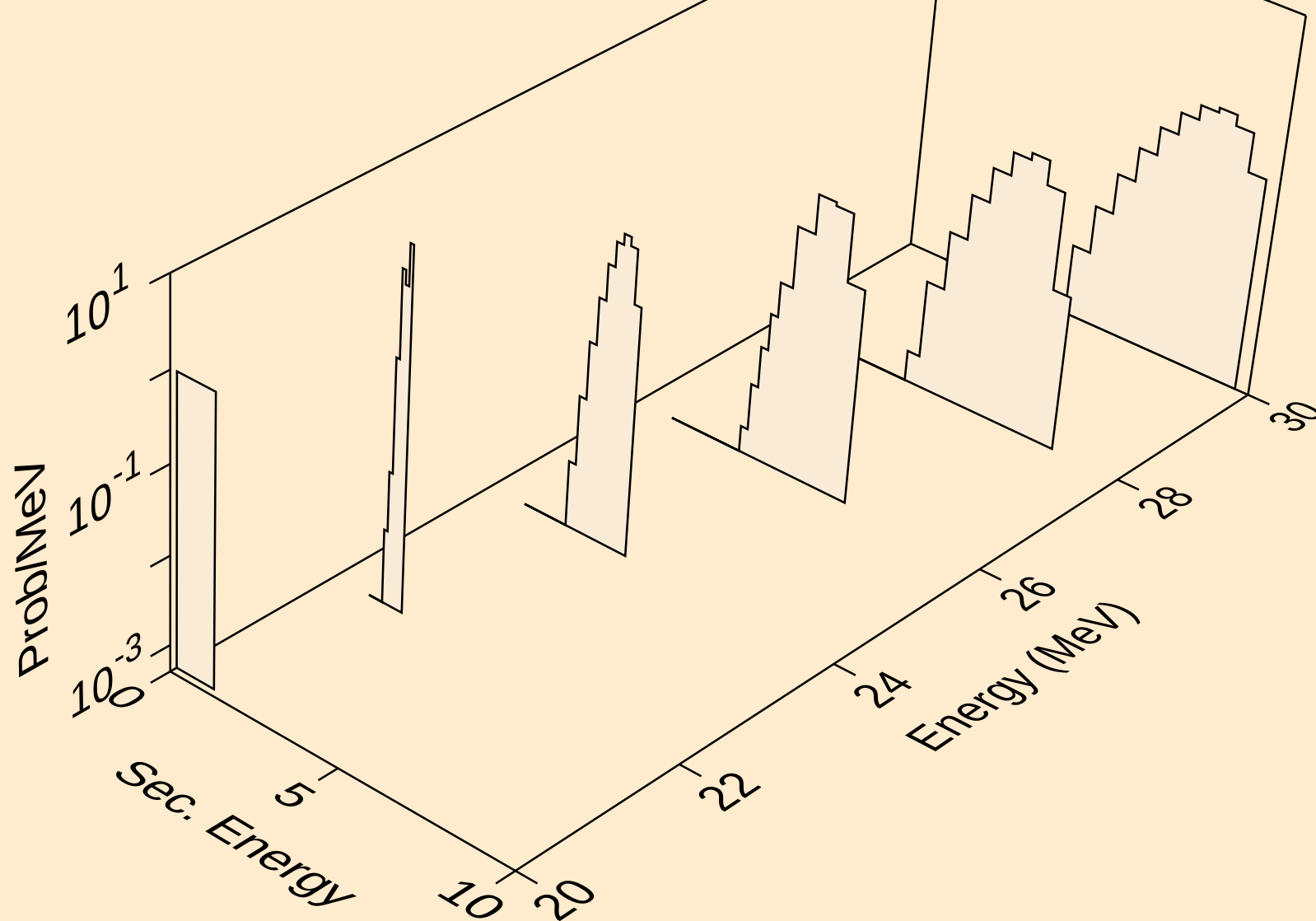
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protons from (n,pt)



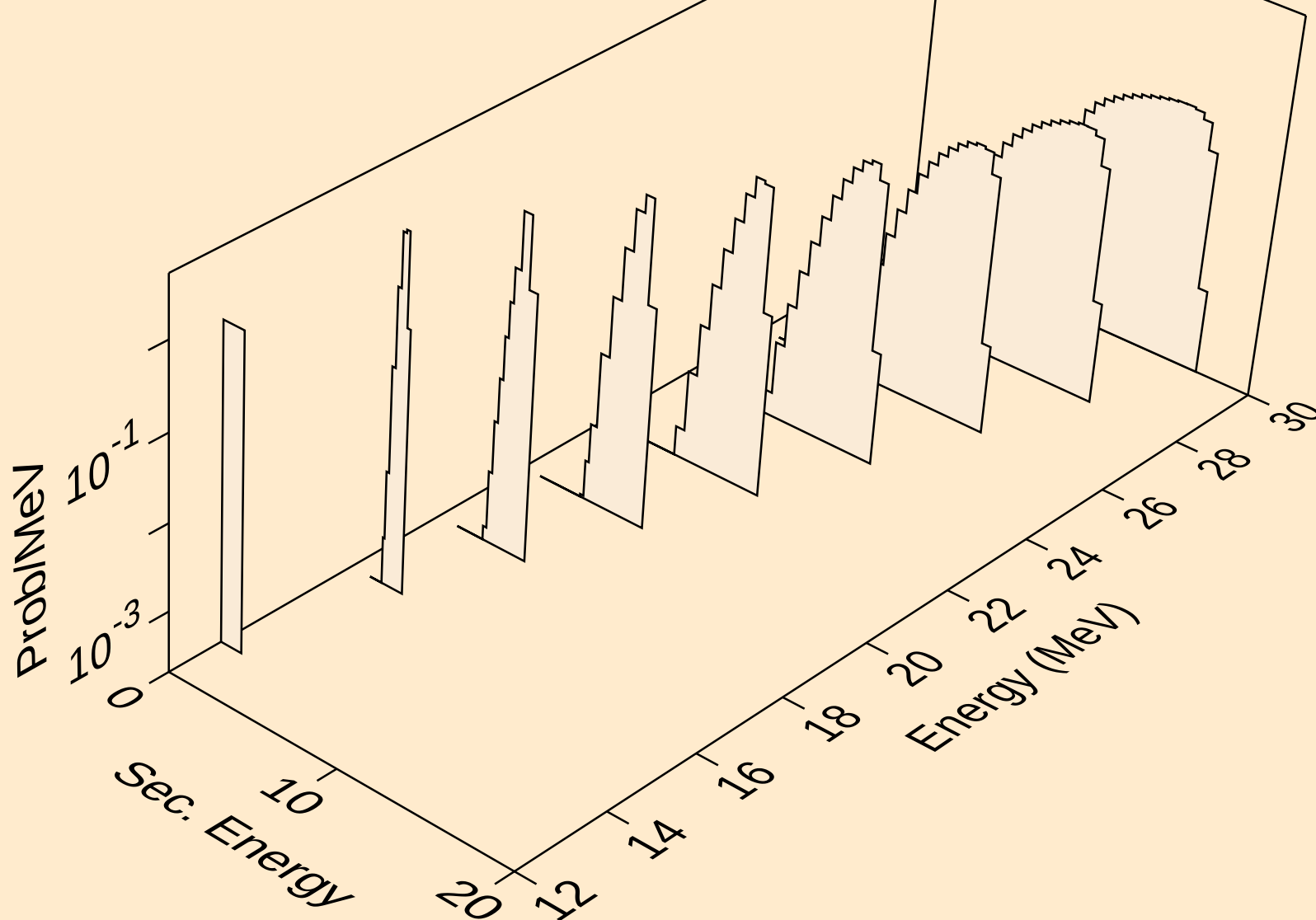
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,x)



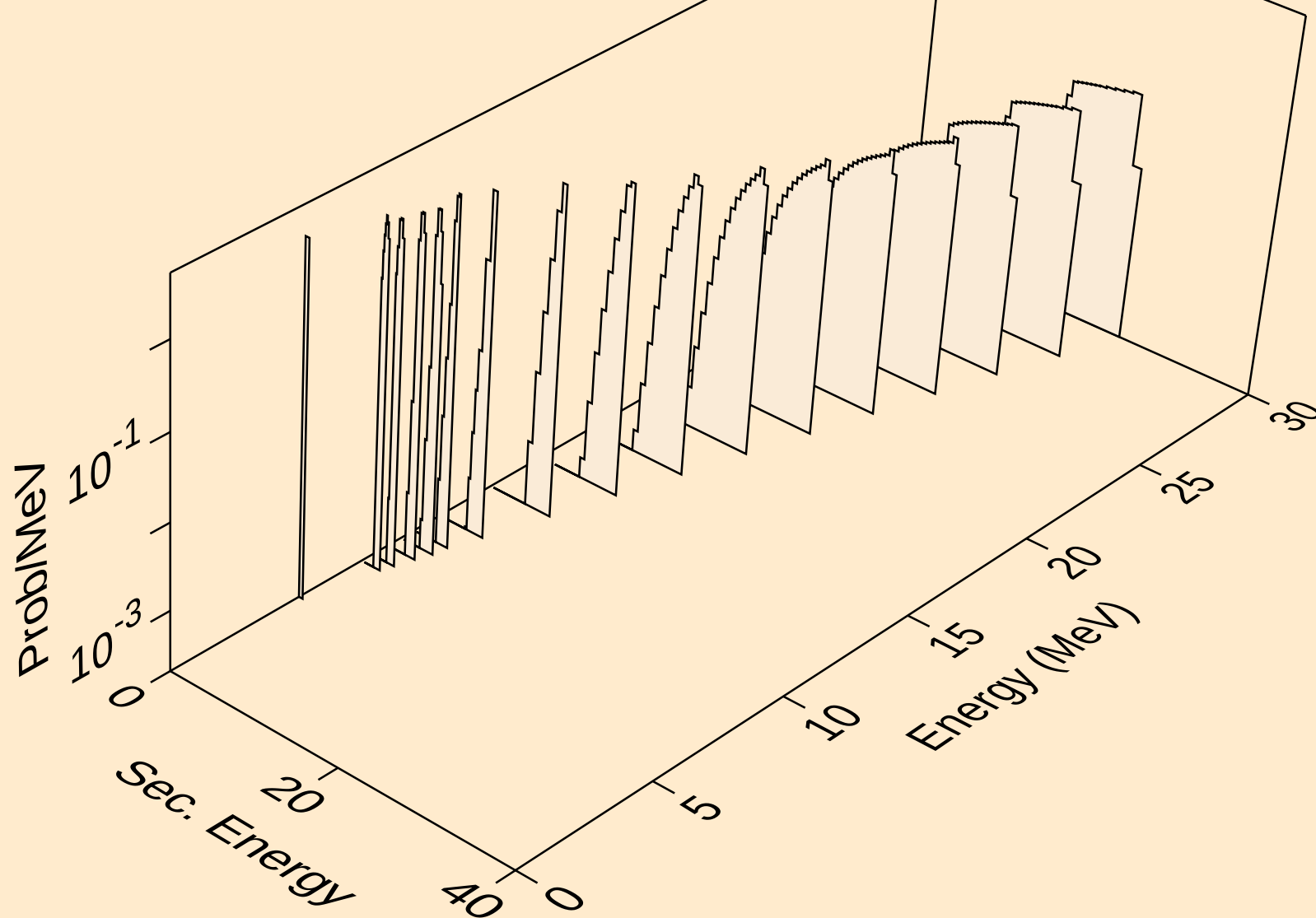
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deuterons from (n,2nd)



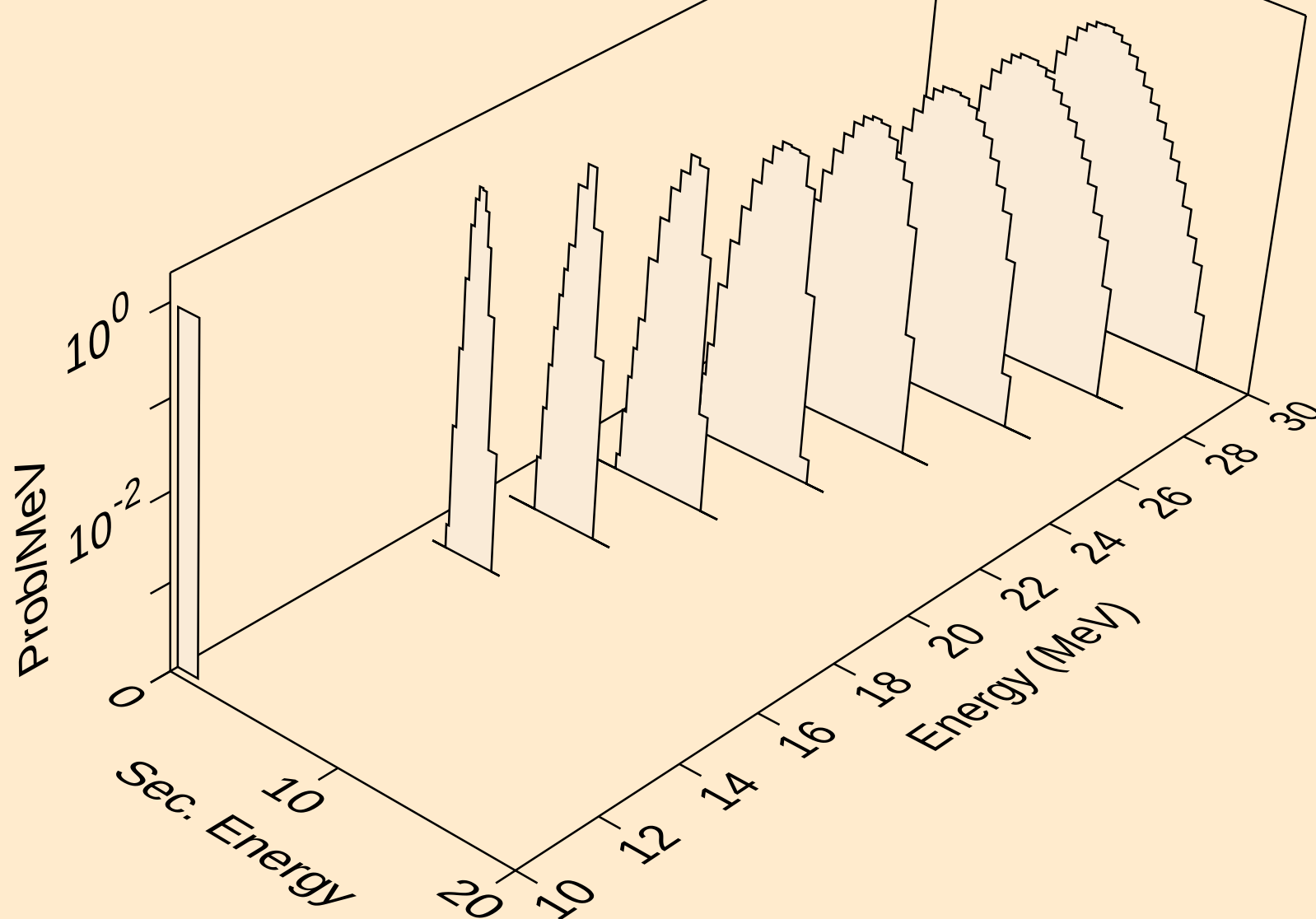
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,n*)d



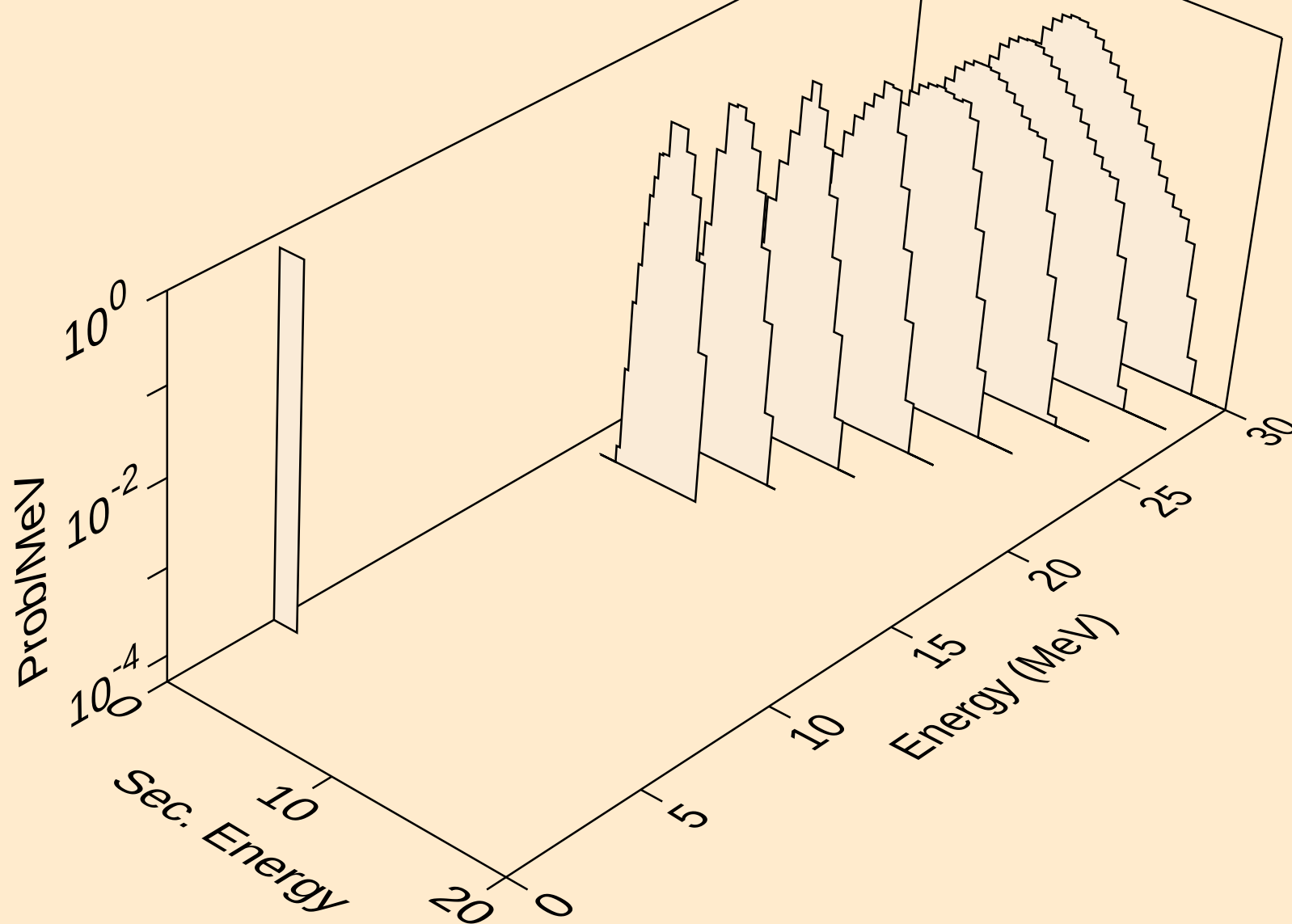
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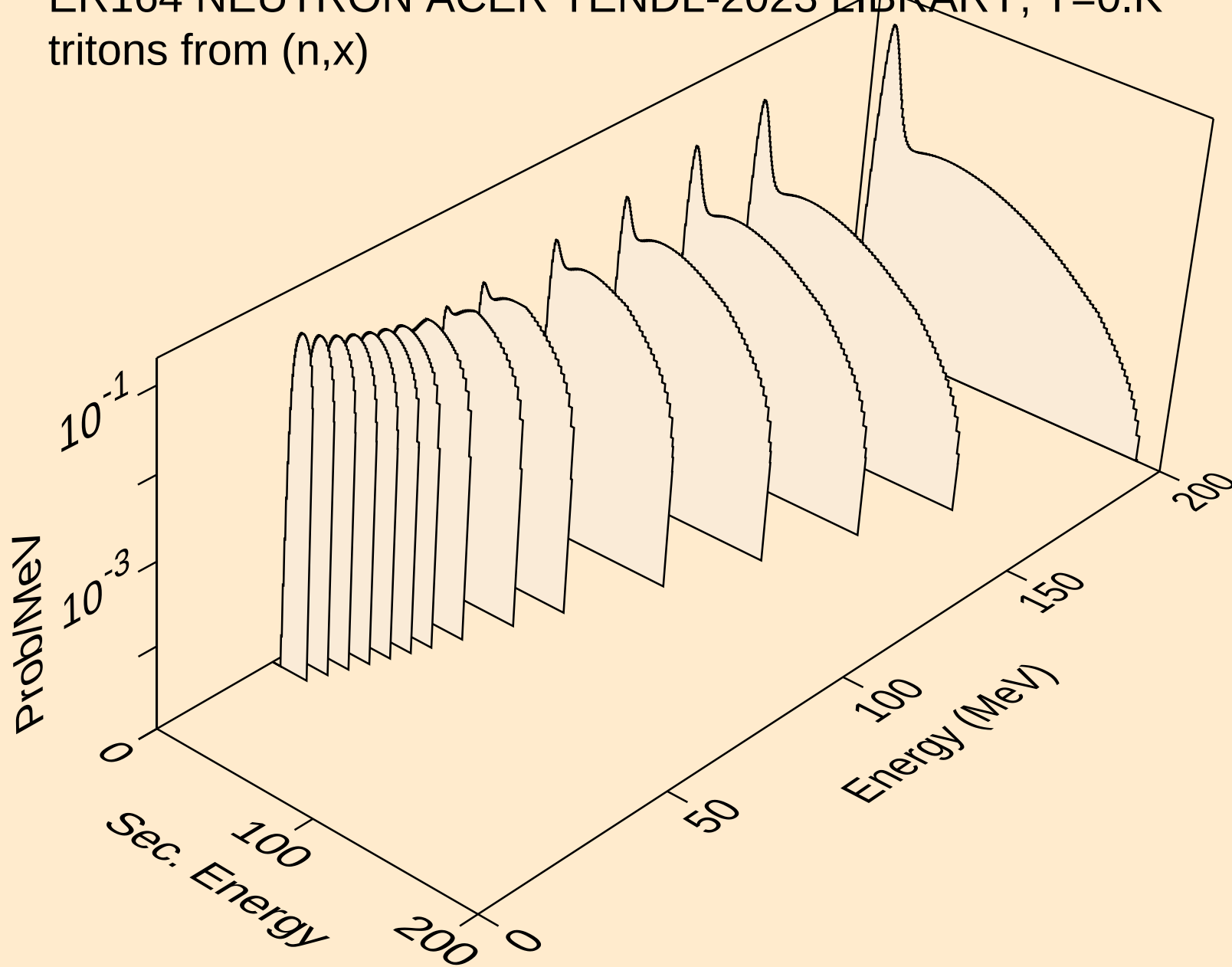
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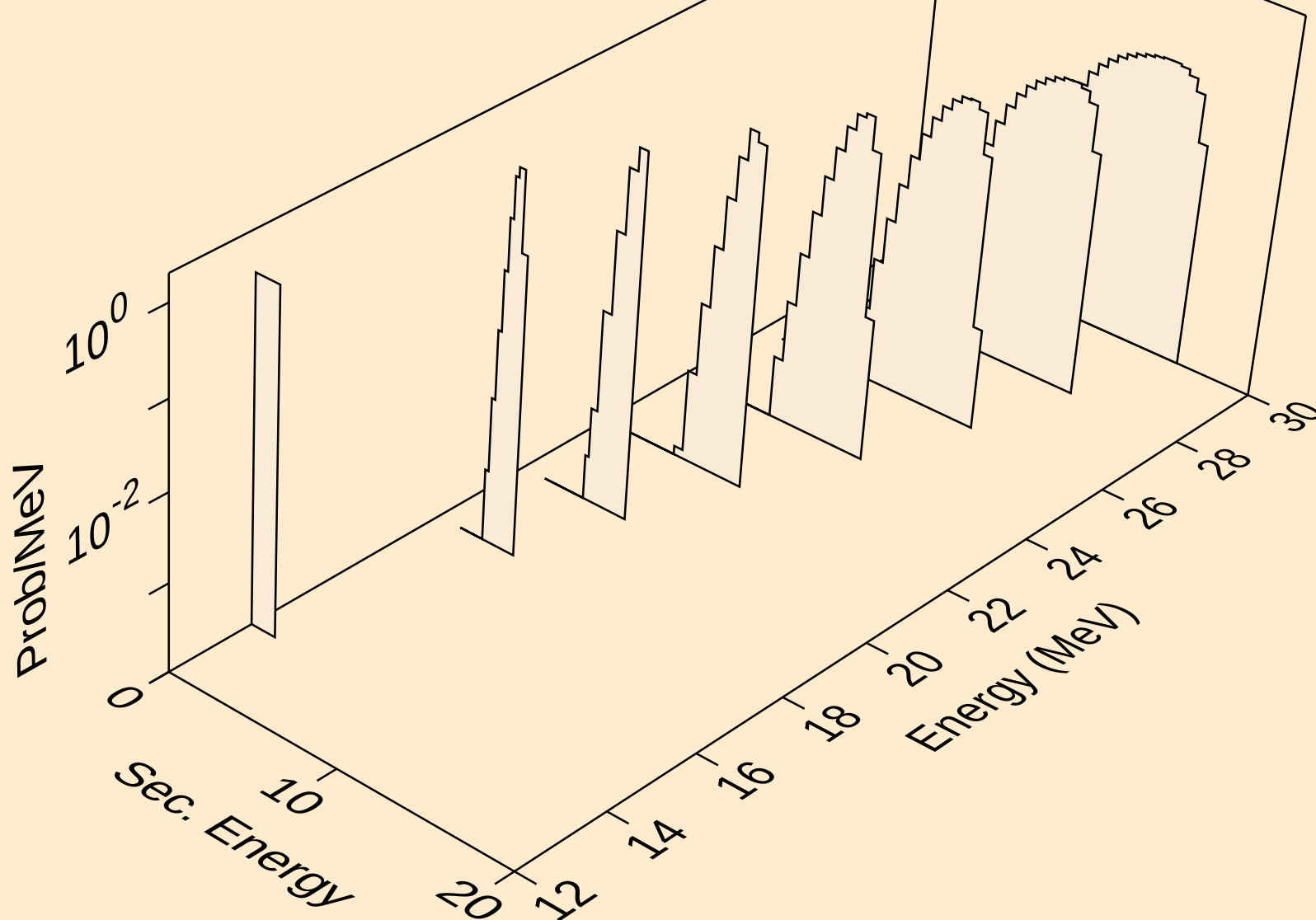
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deuterons from (n,da)



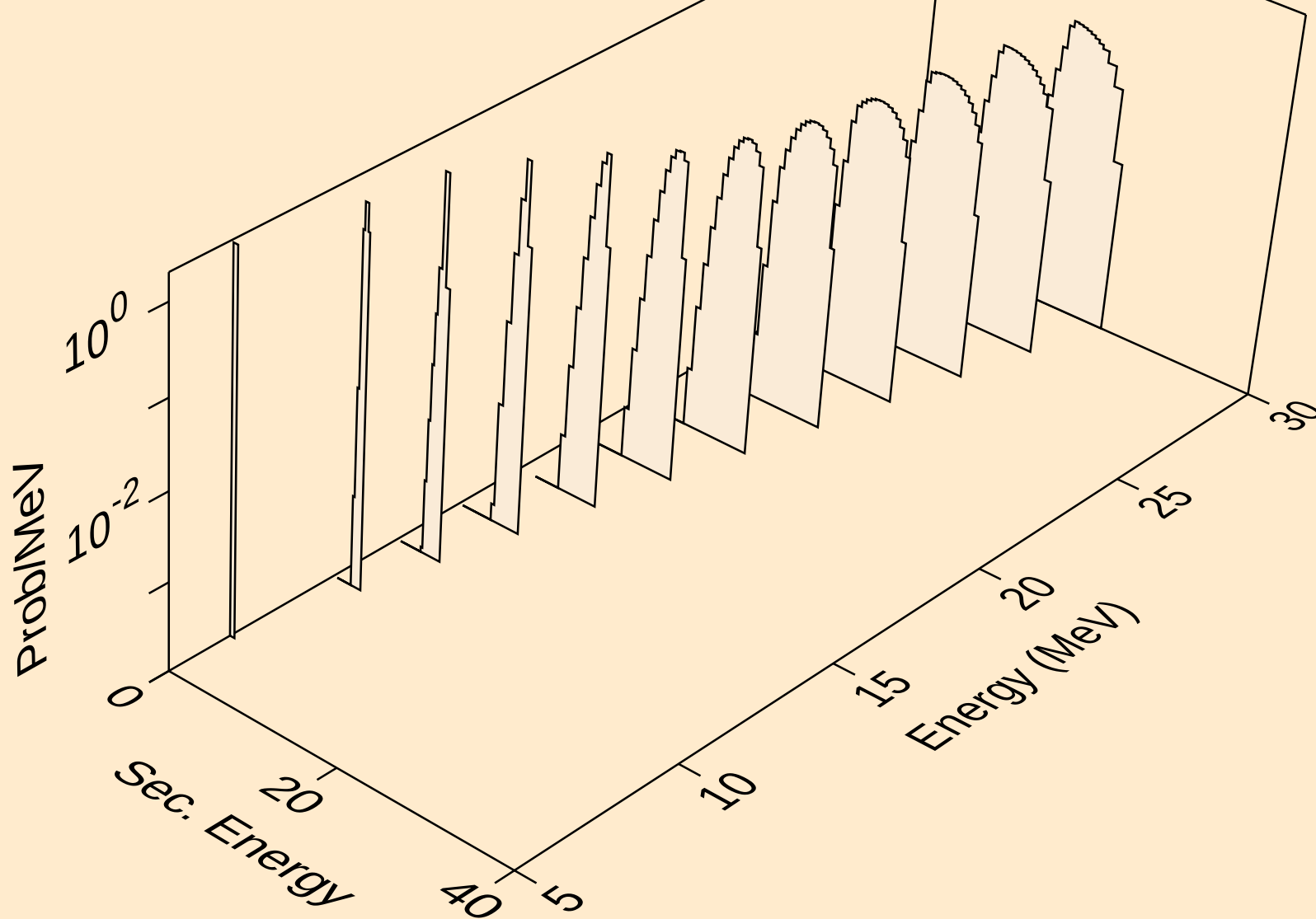
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,x)



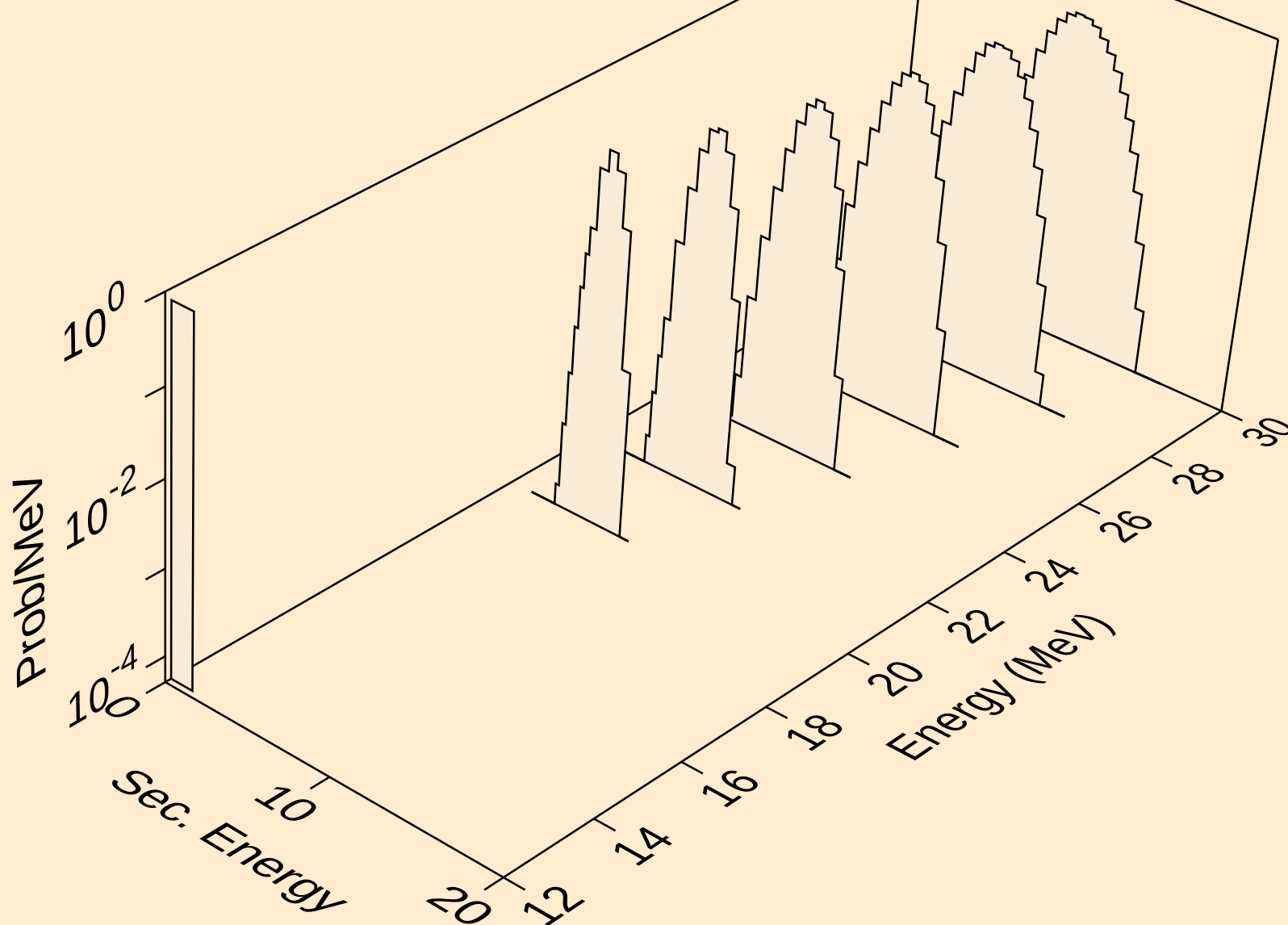
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,n*)t



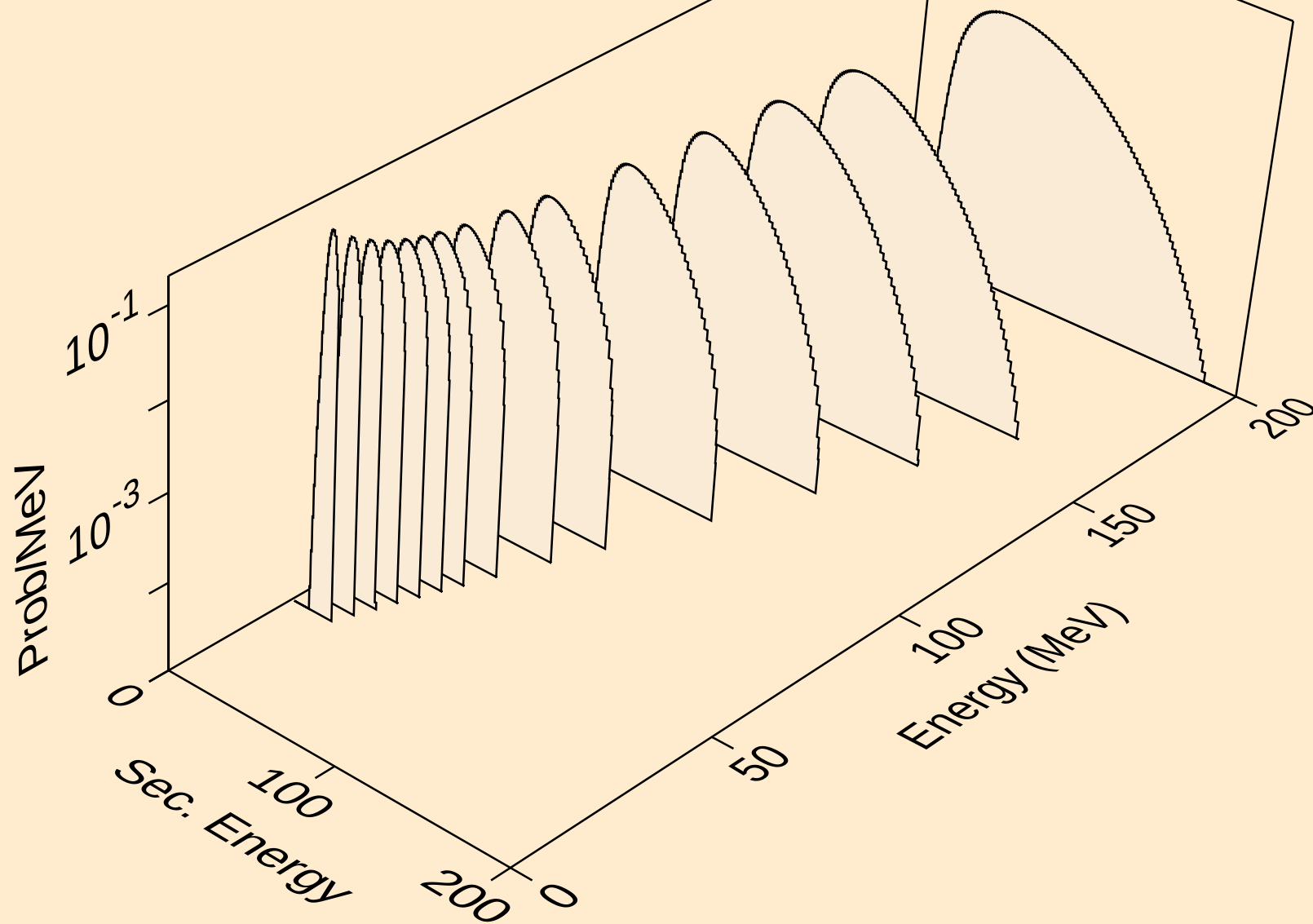
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tritons from (n,t)



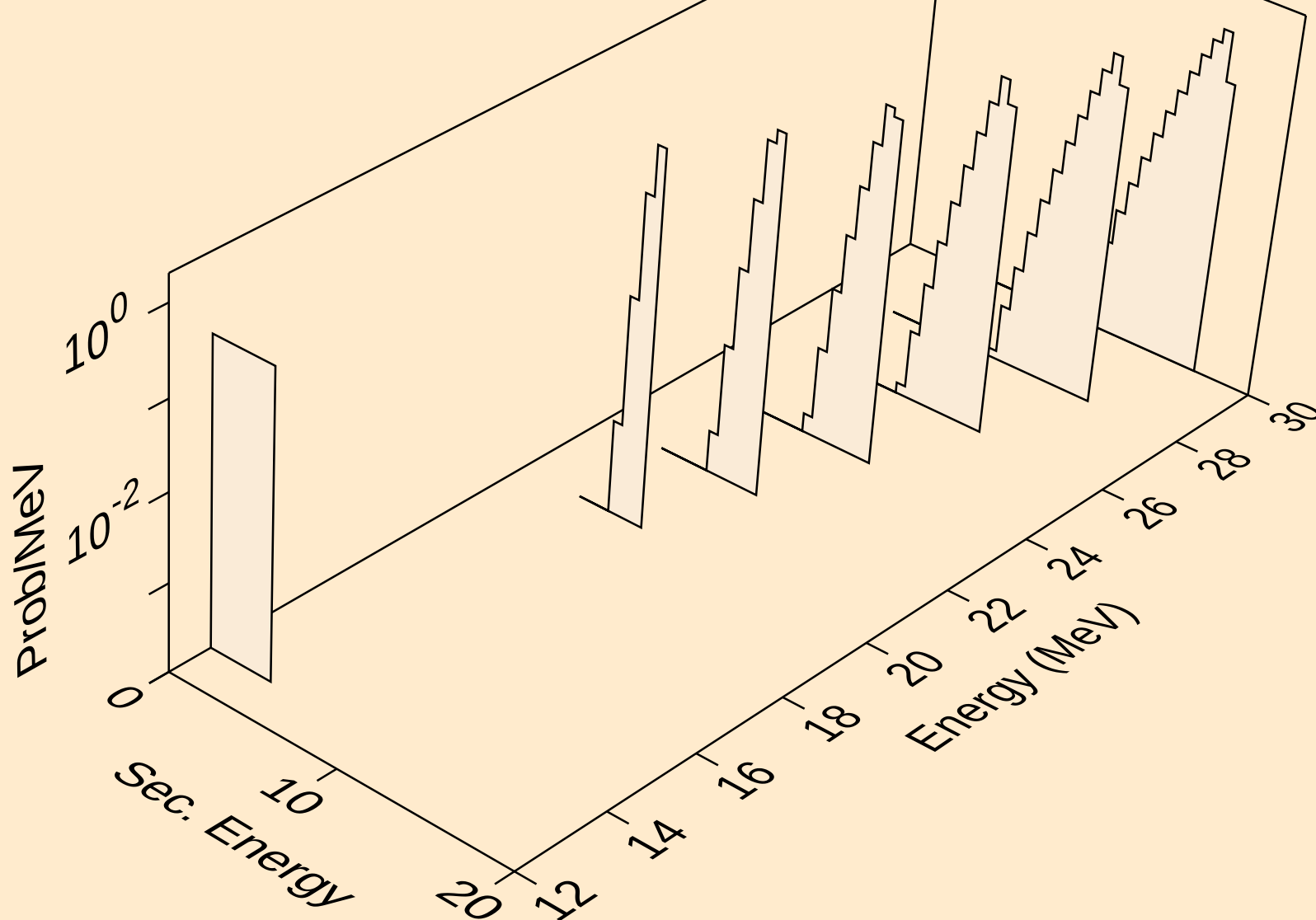
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tritons from (n,pt)



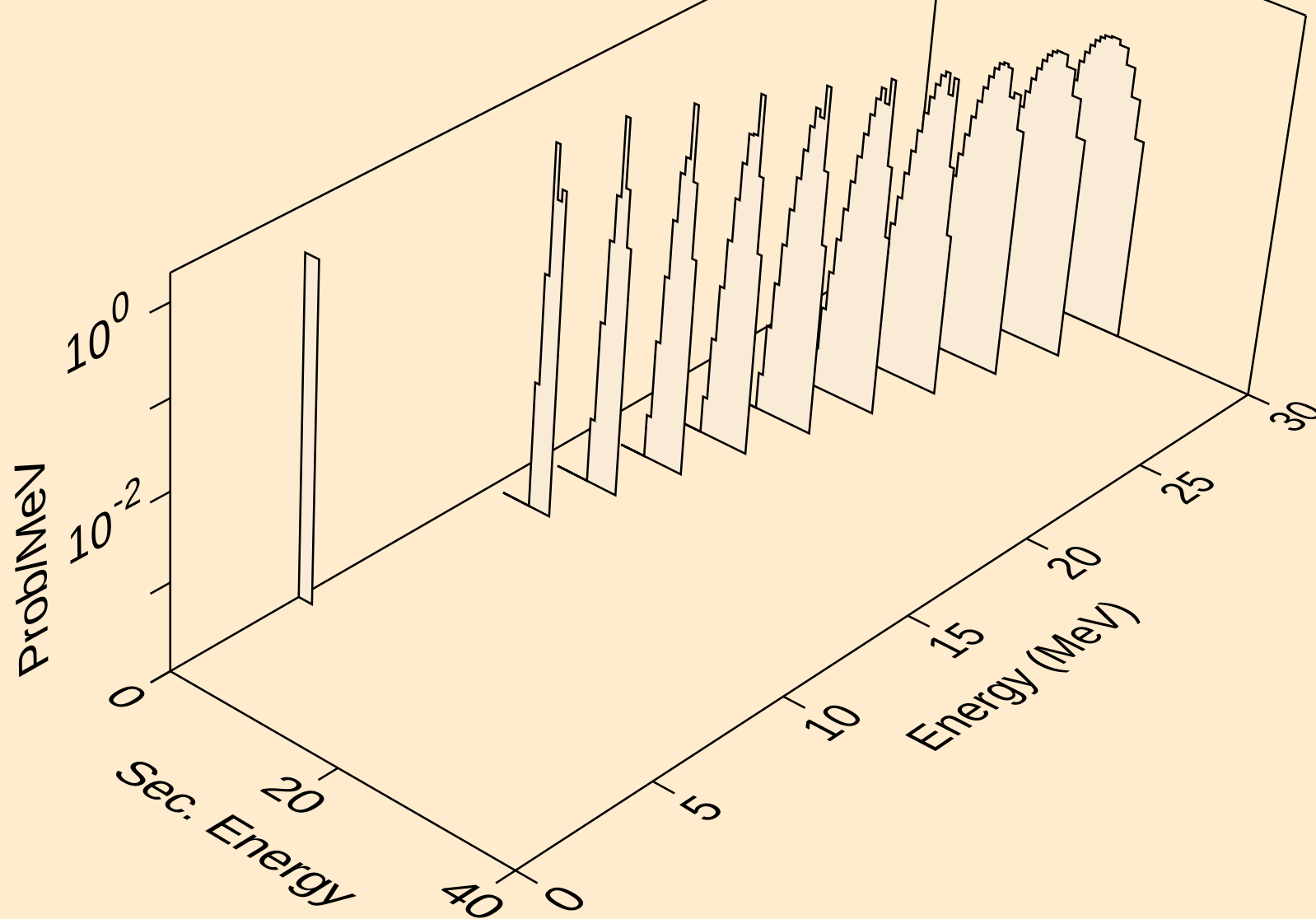
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he3s from (n,x)



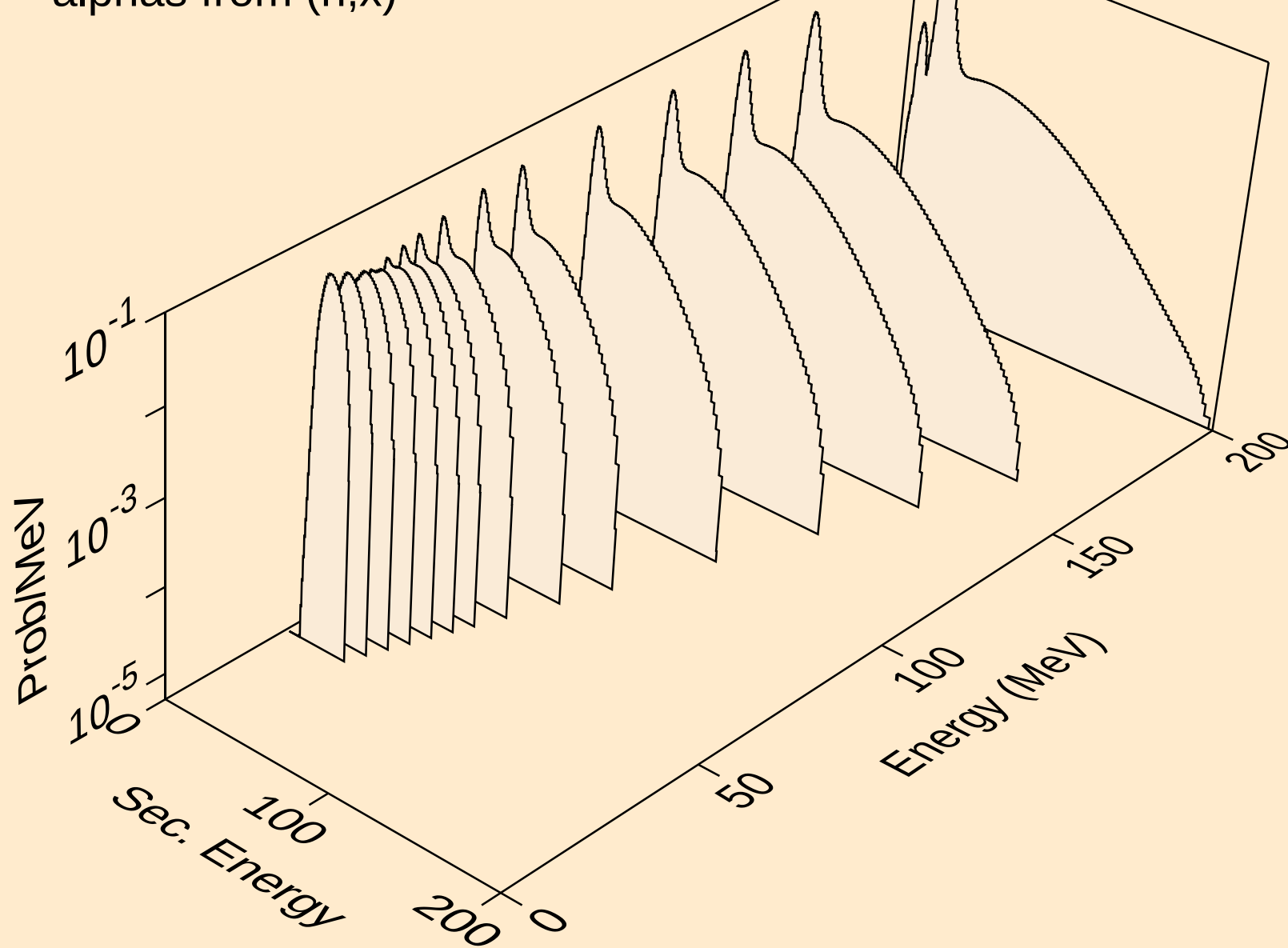
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he3s from (n,n*)he3



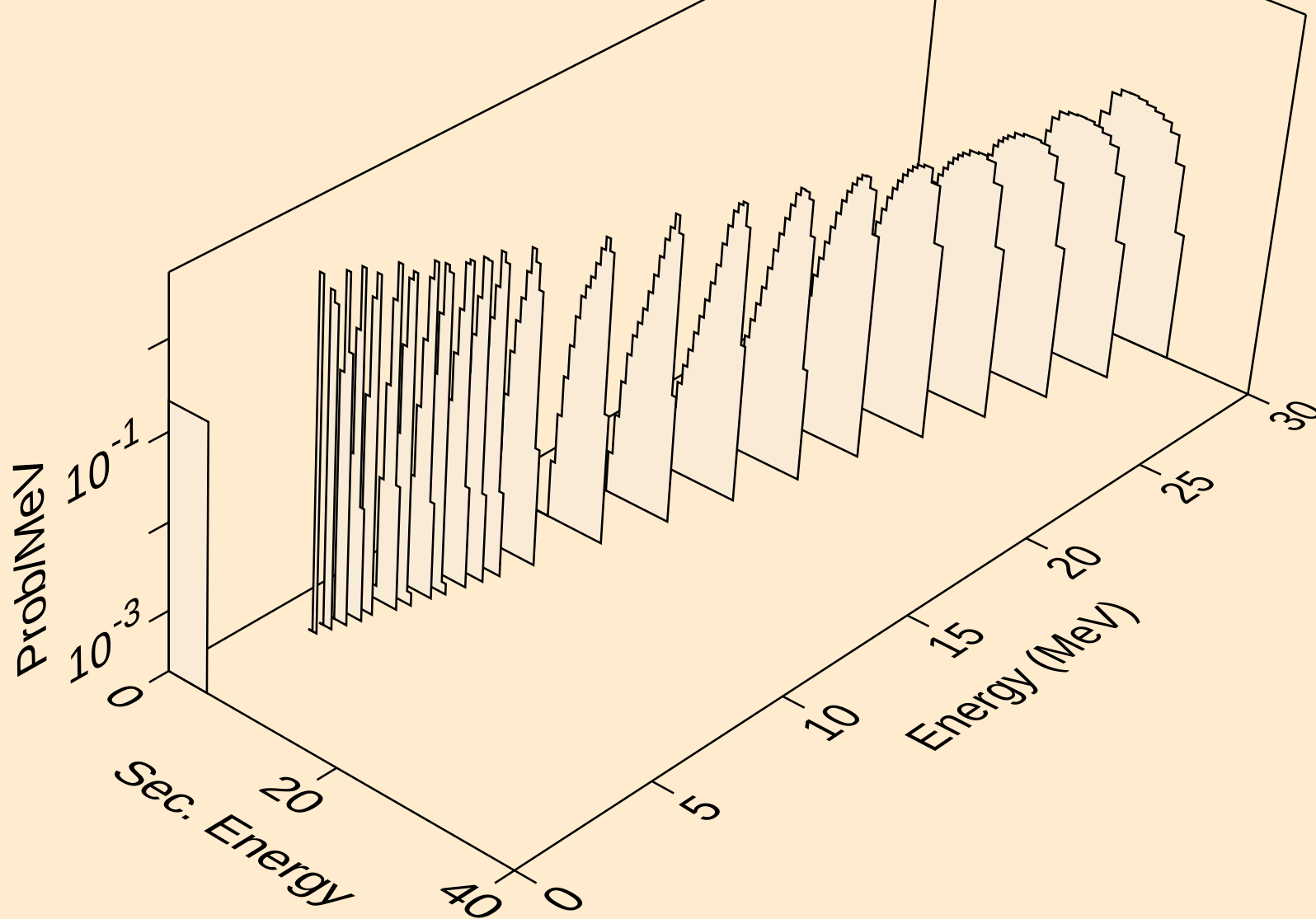
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he3s from (n,he3)



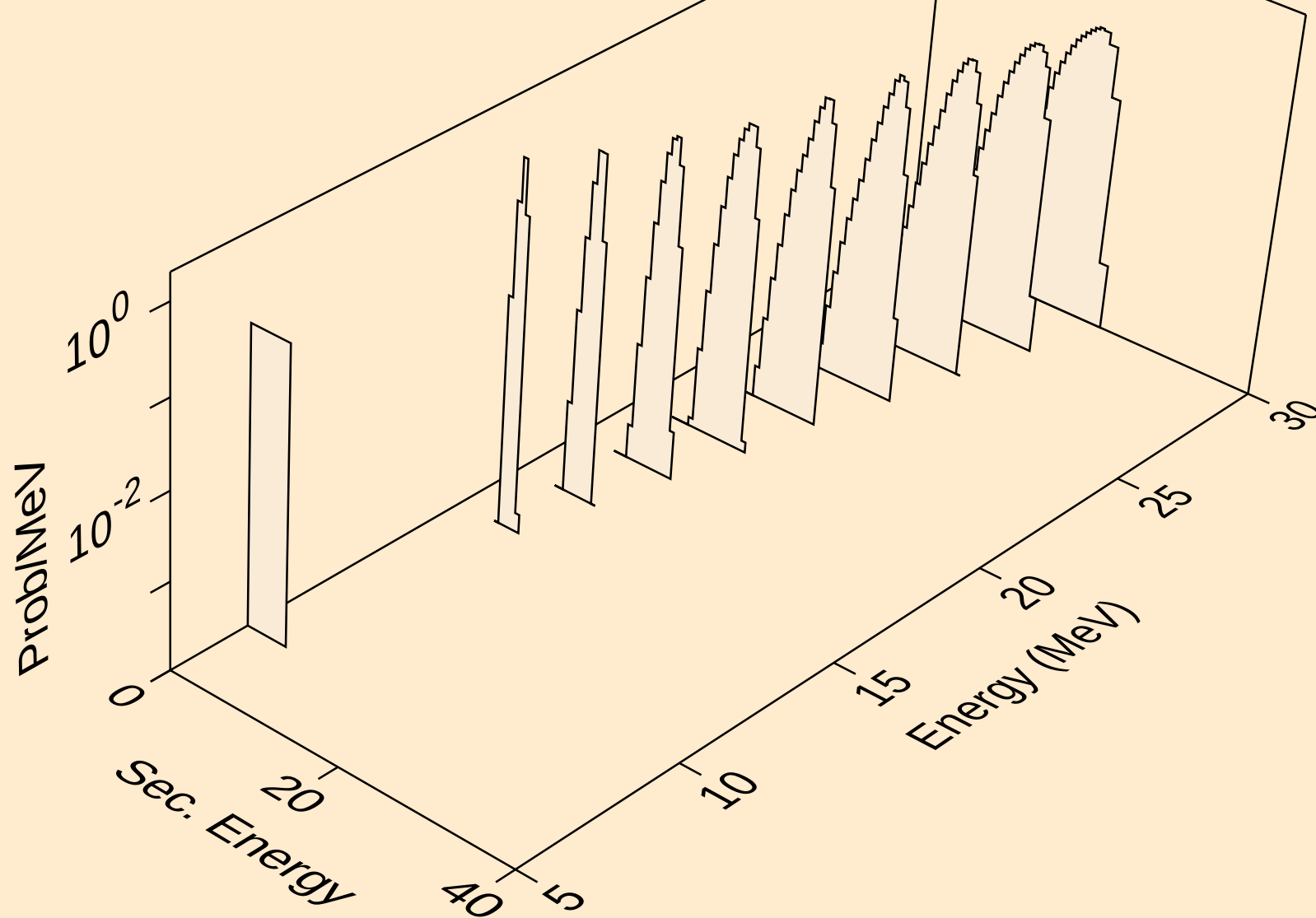
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,x)



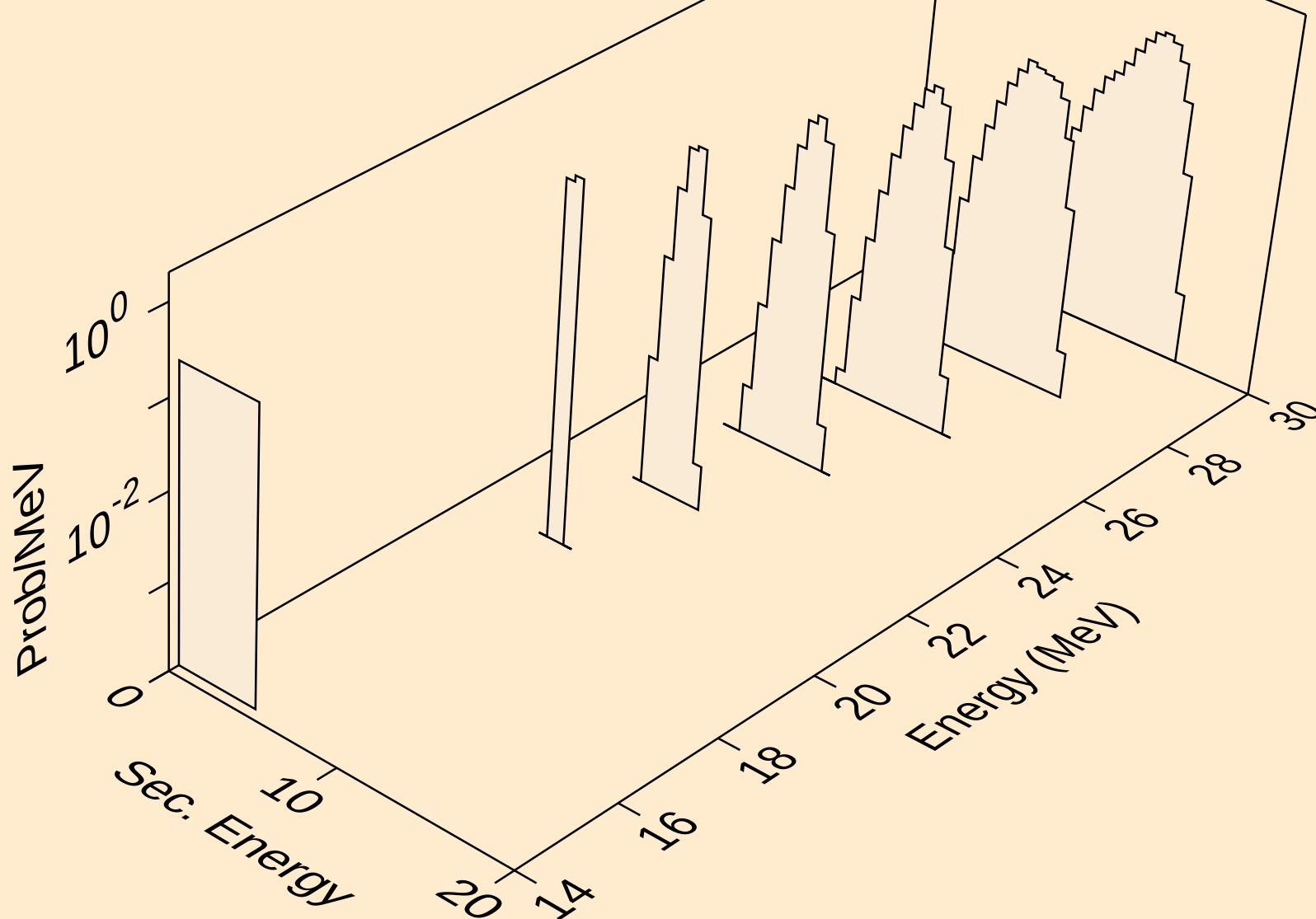
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alphas from (n,n*)a



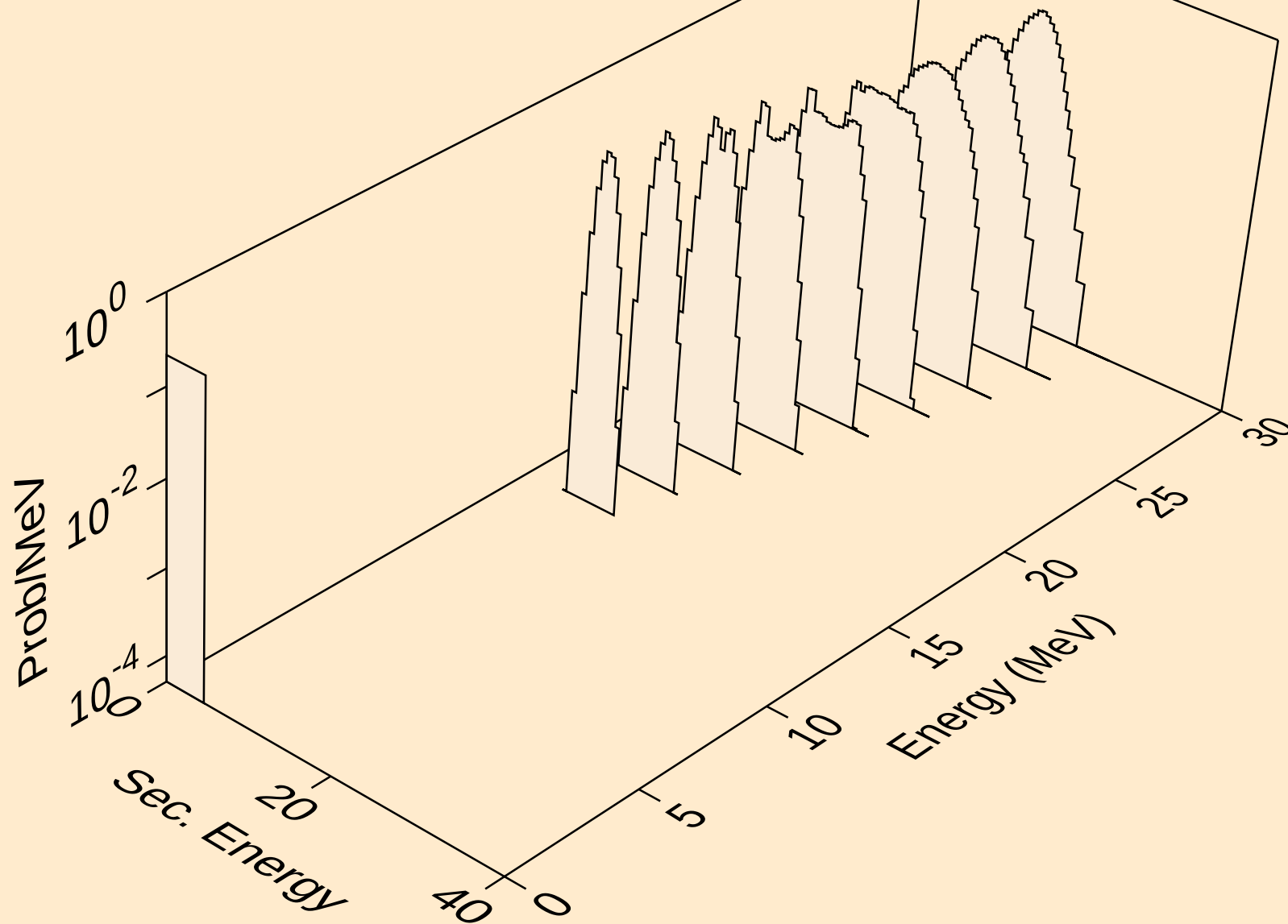
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2n)a



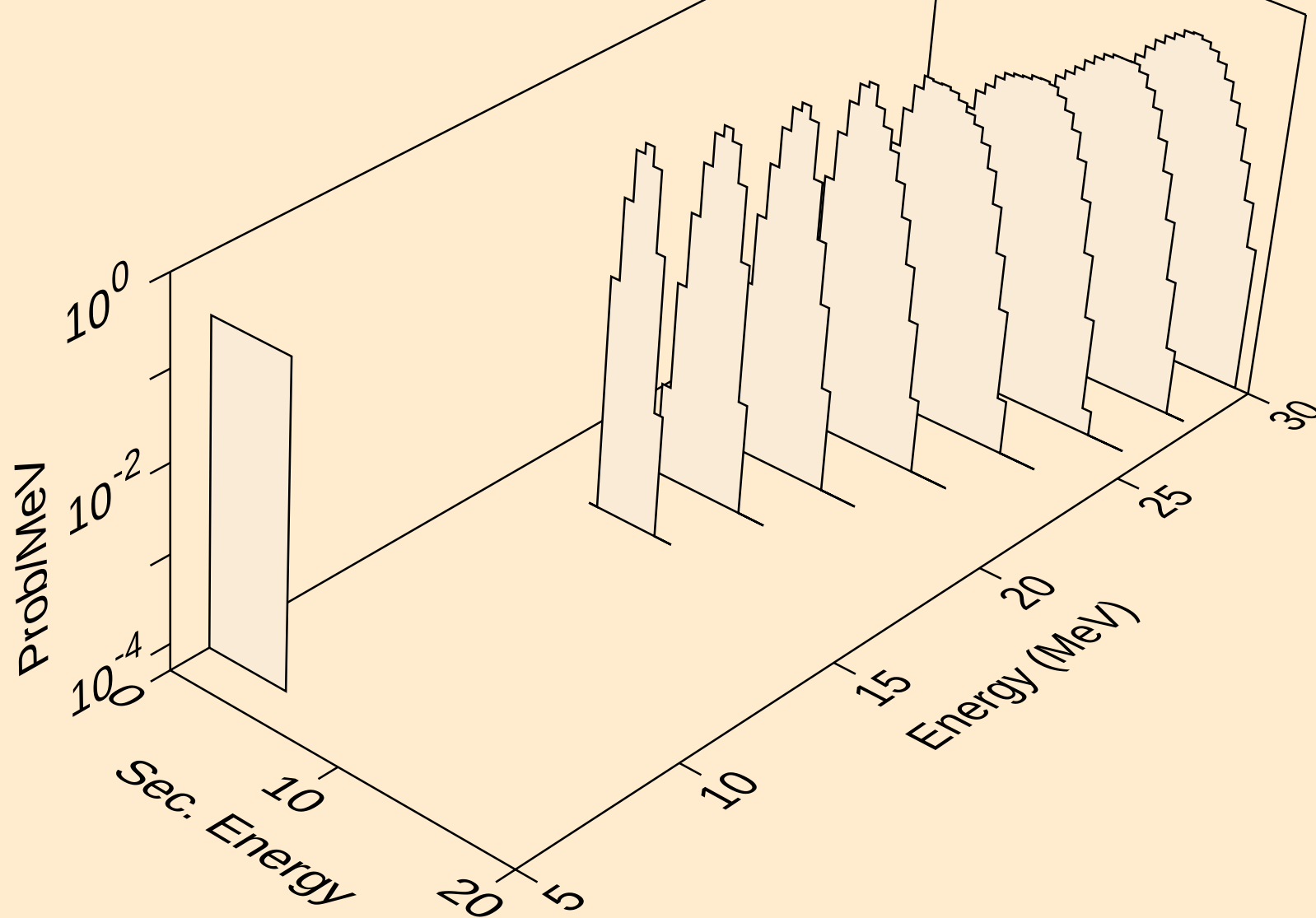
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,3n)a



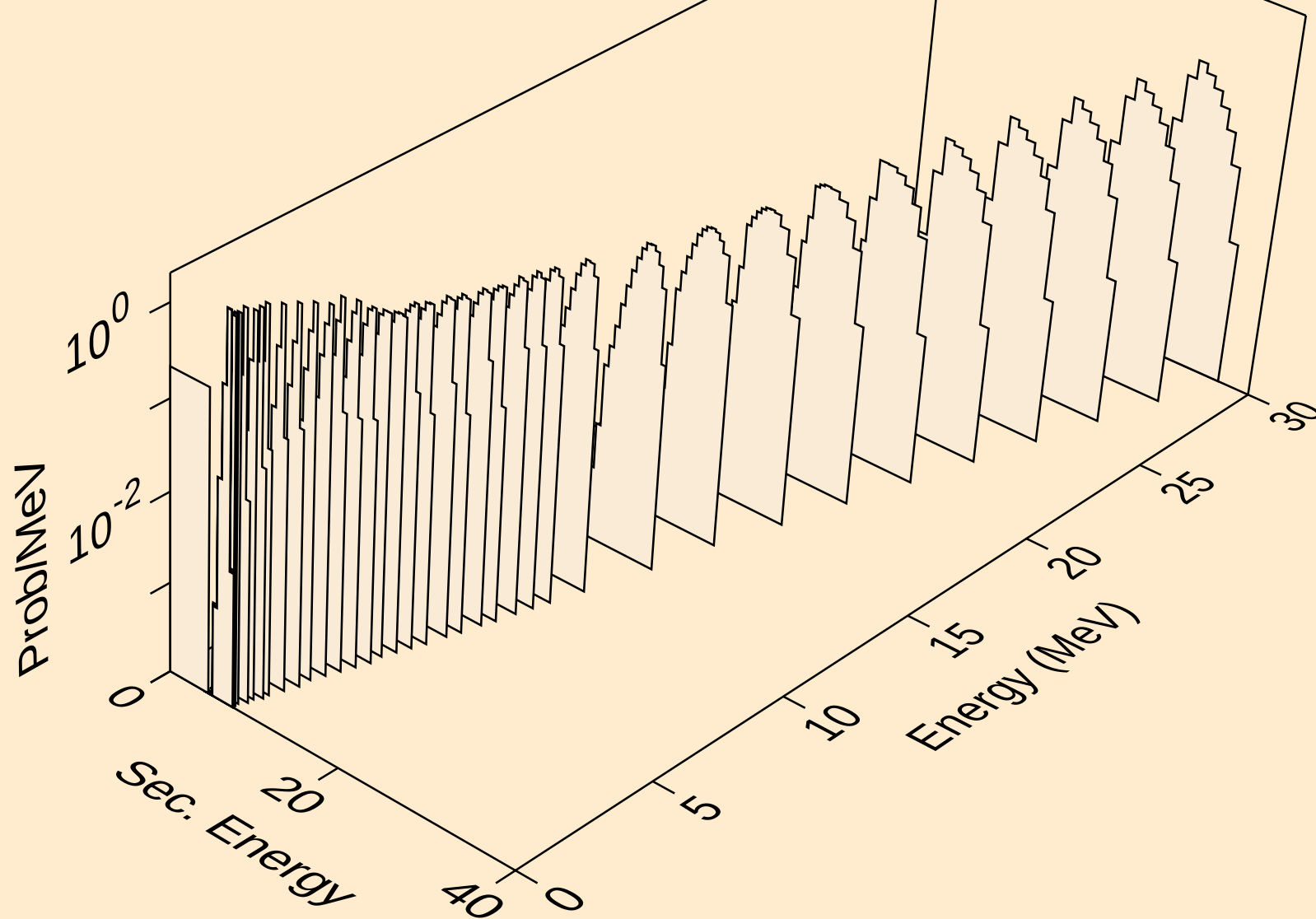
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)2a



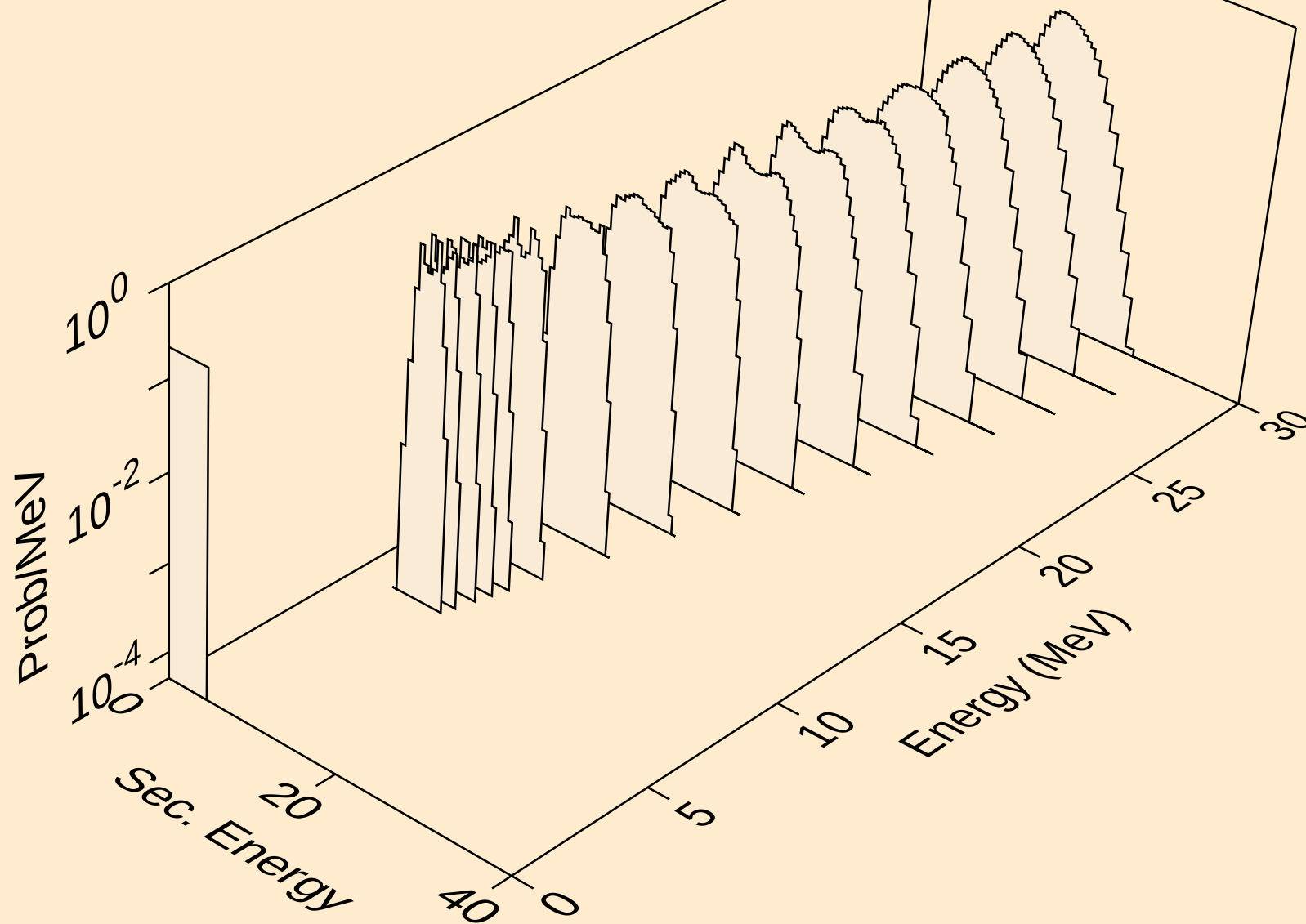
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,npa)



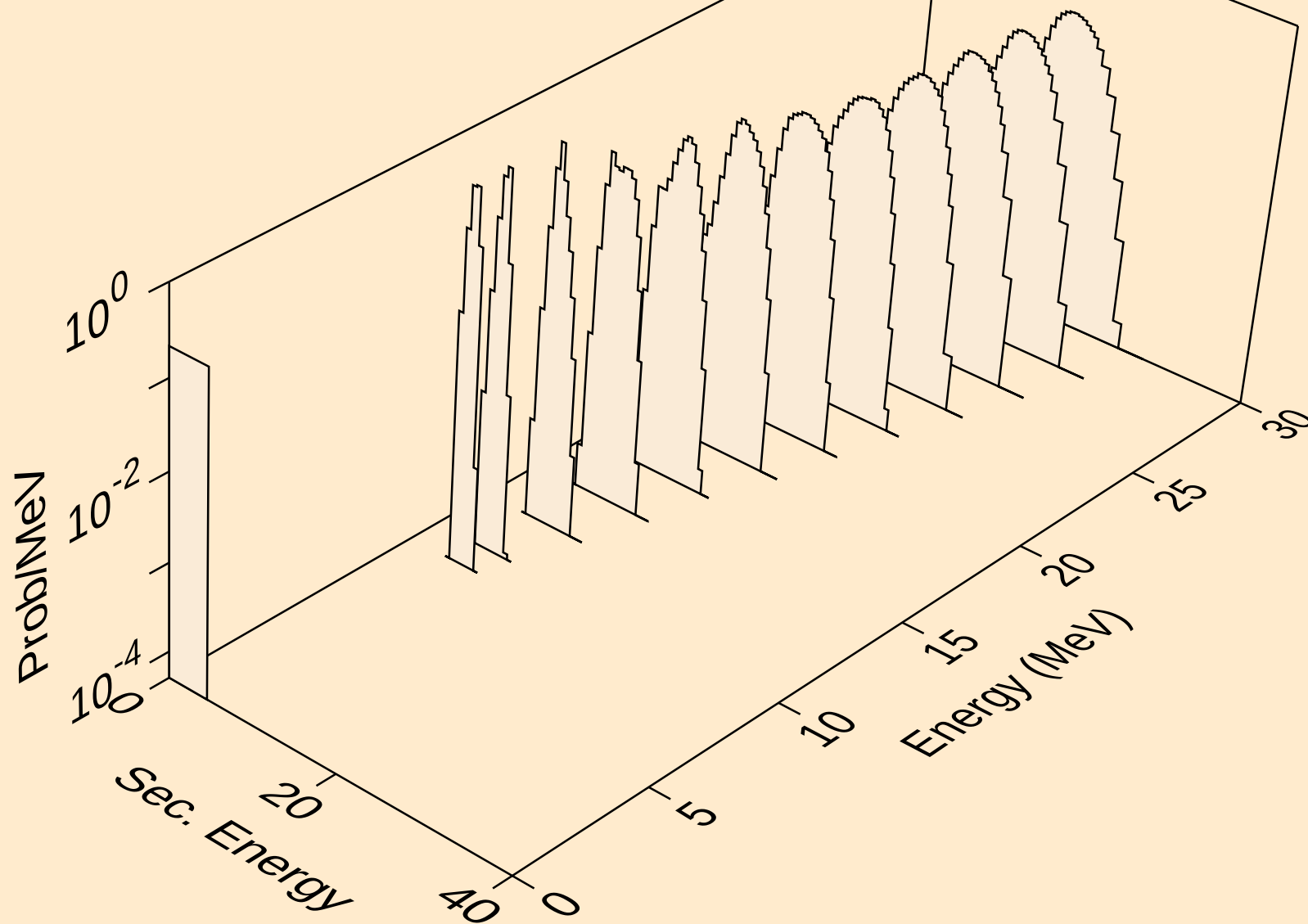
ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,a)



ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2a)



ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,pa)



ER164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,da)

