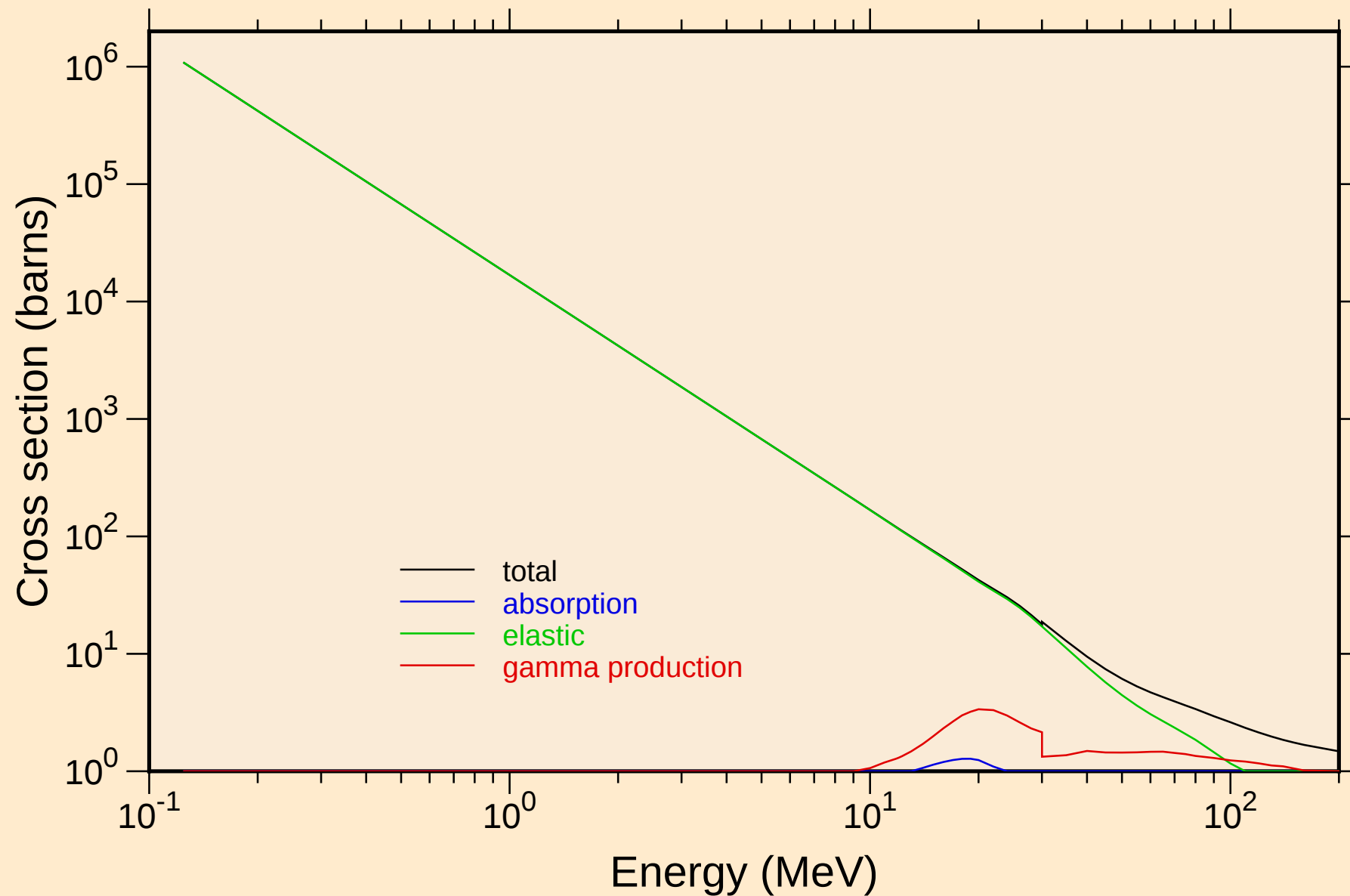


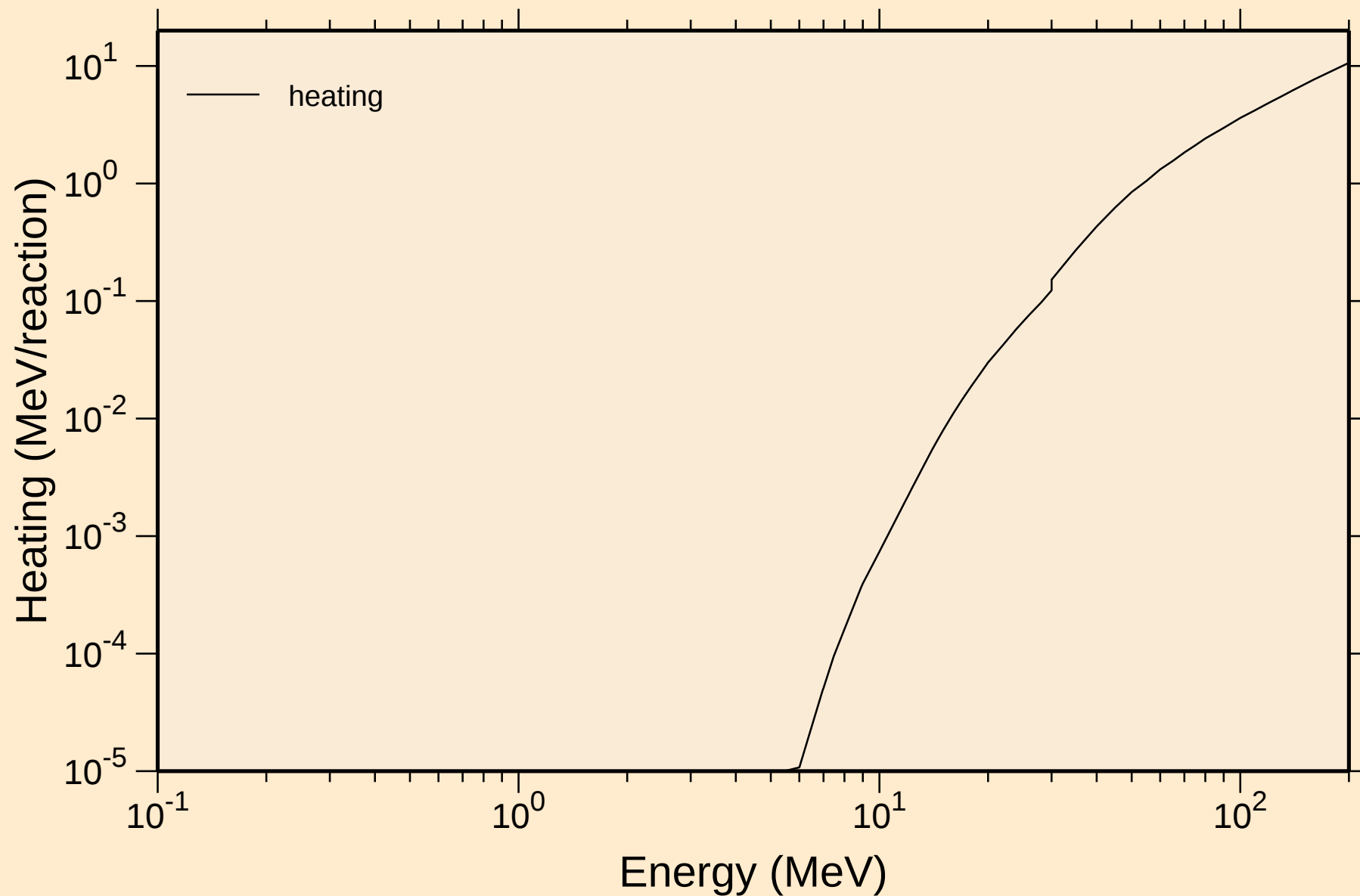
TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



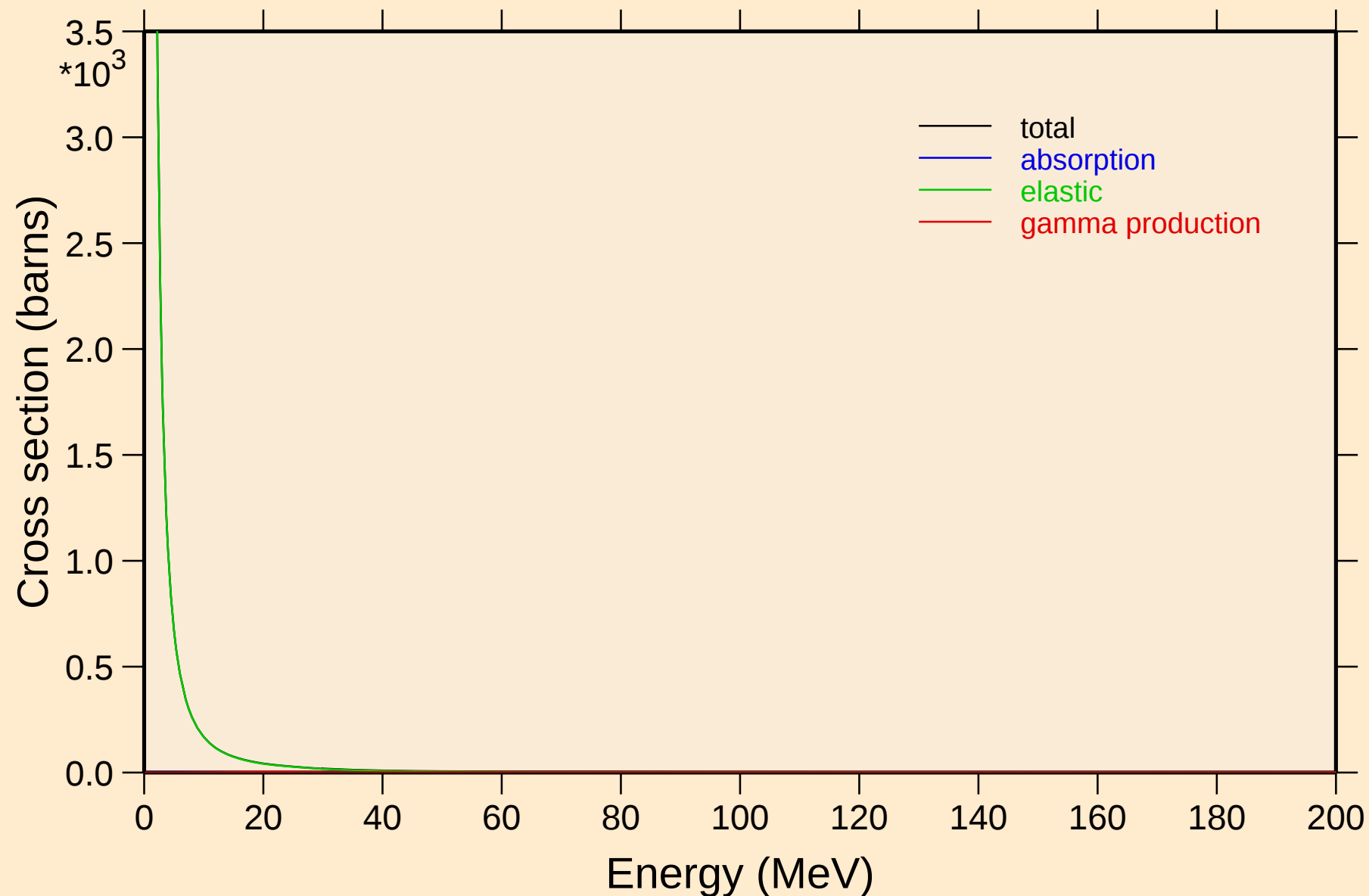
TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Heating



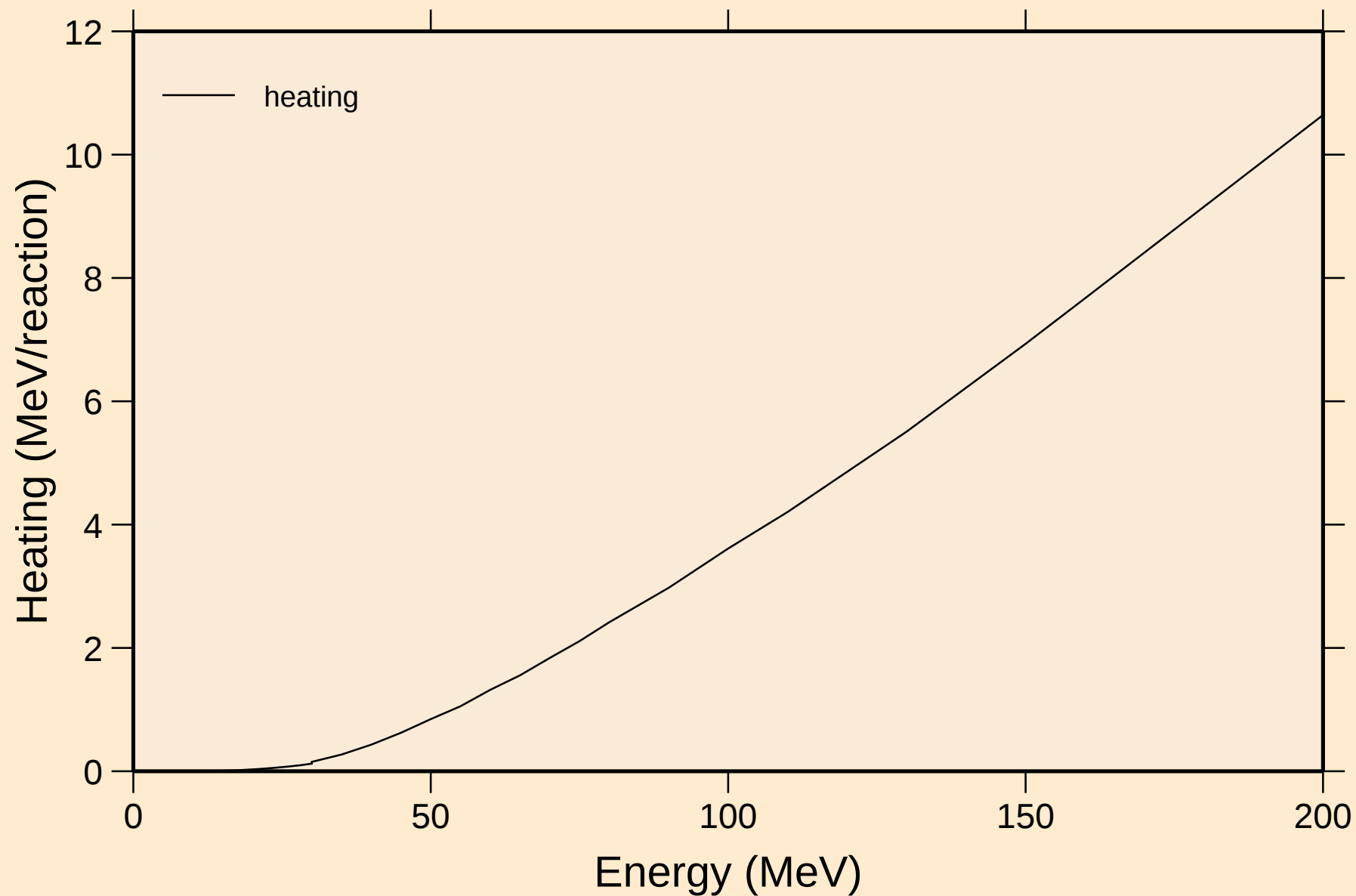
TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



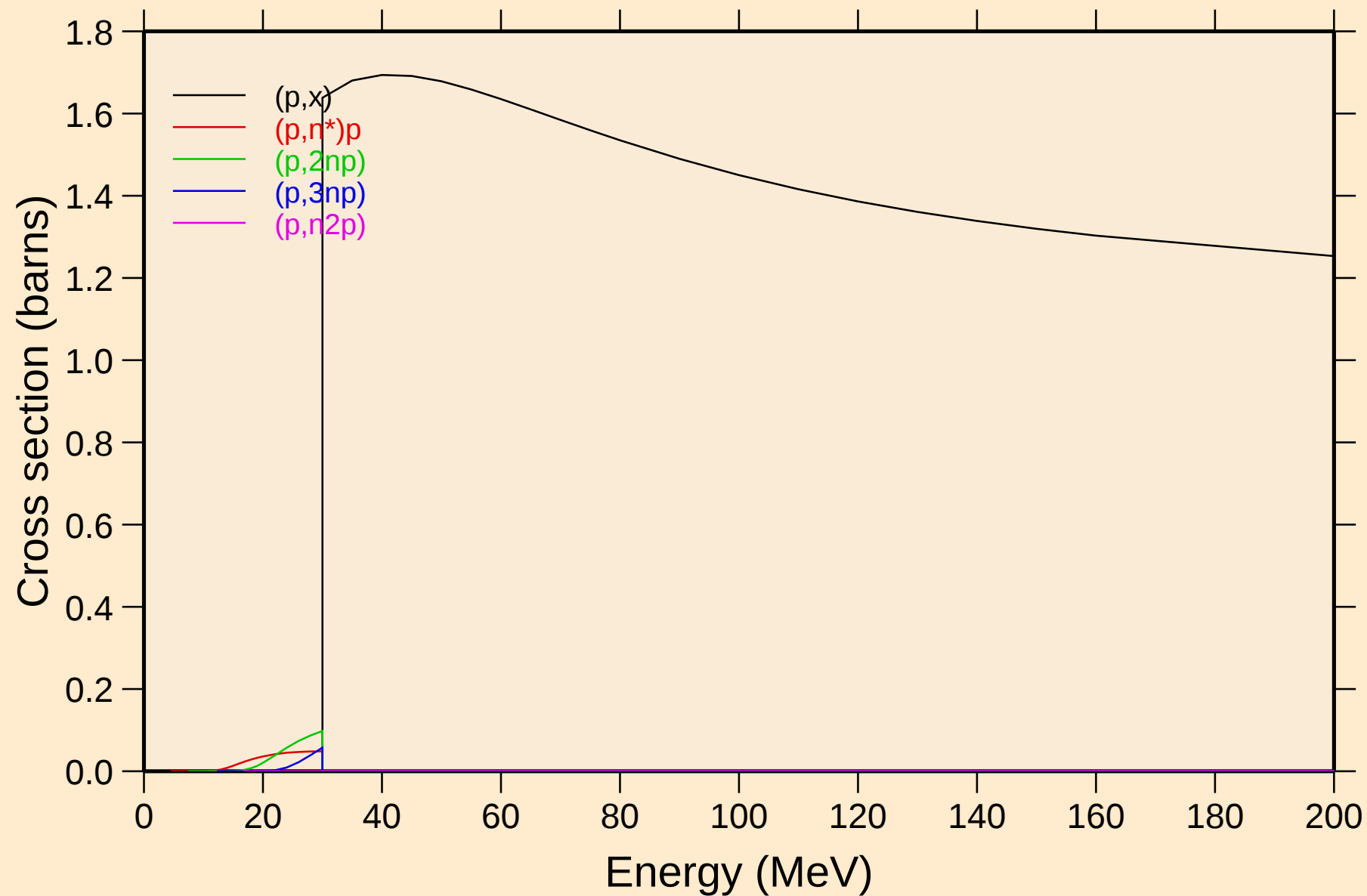
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Heating



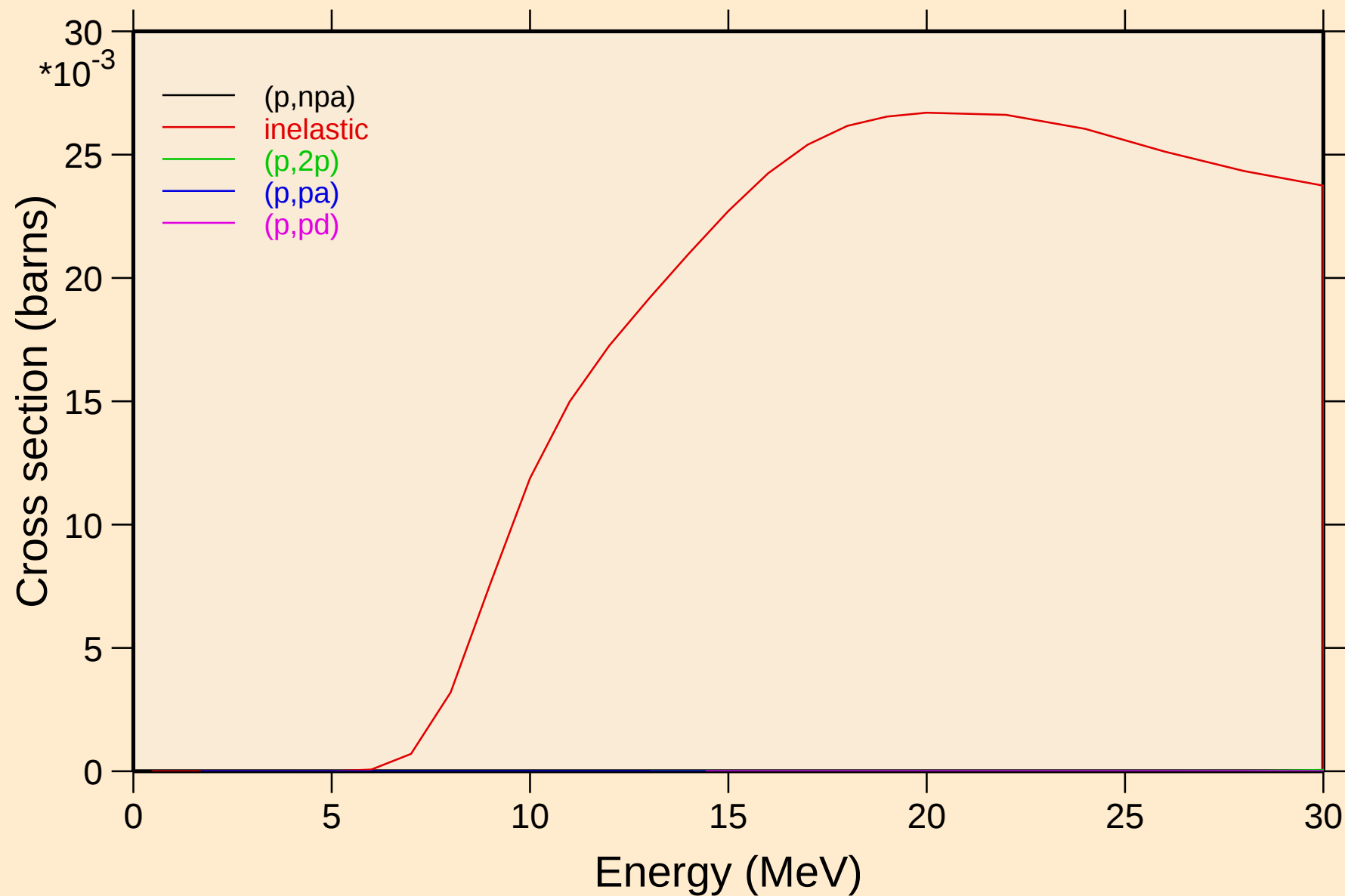
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Threshold reactions



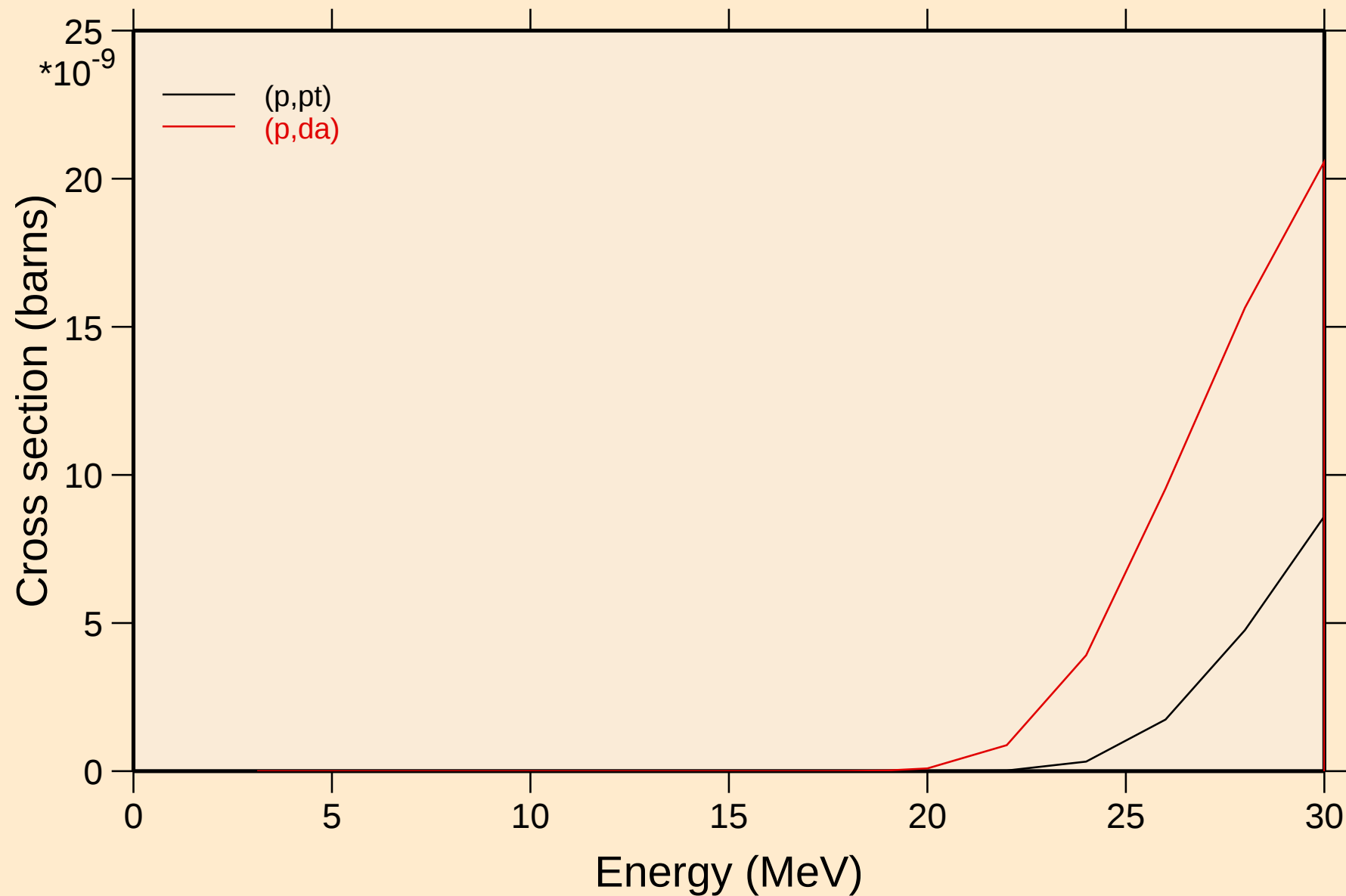
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Threshold reactions

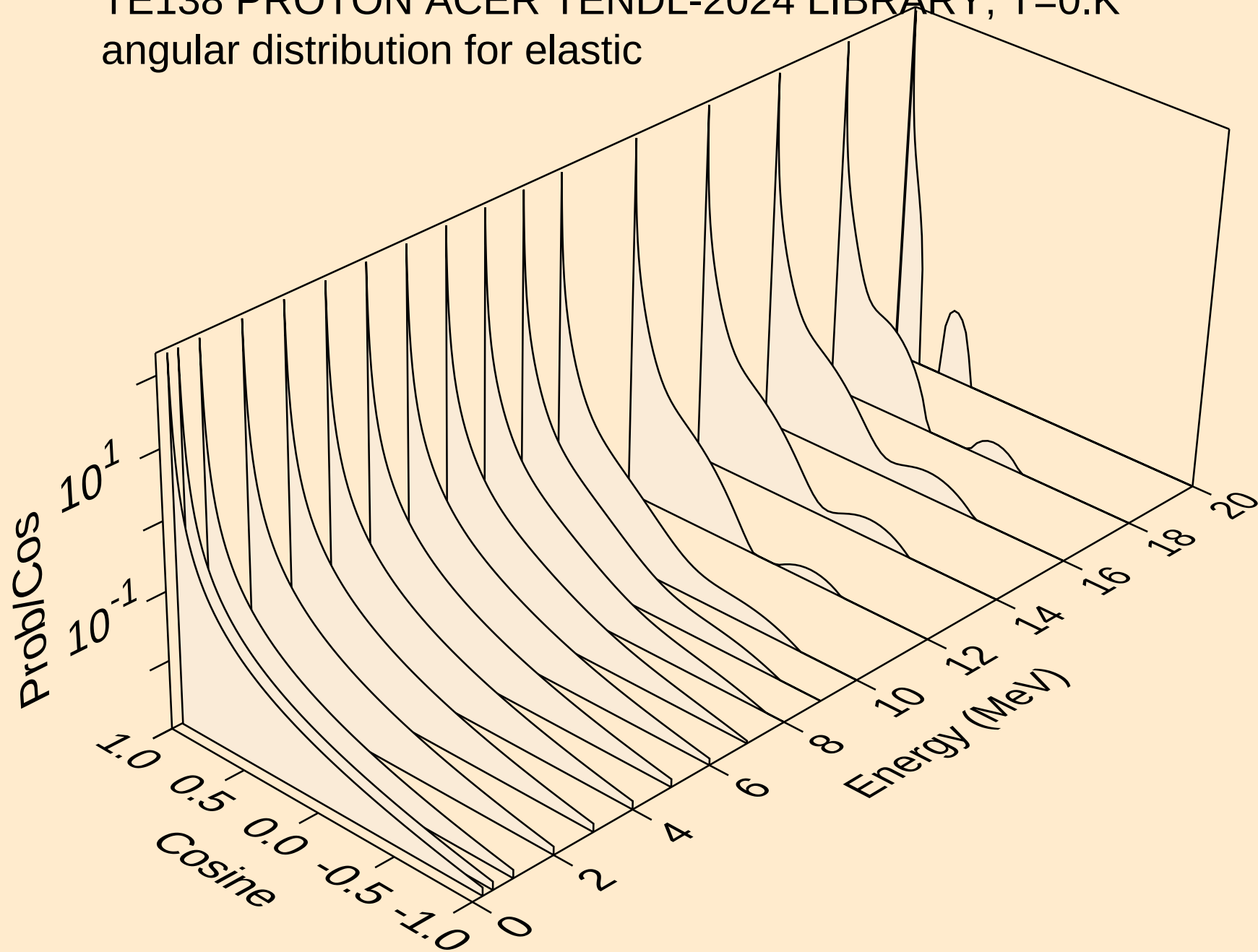


TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K

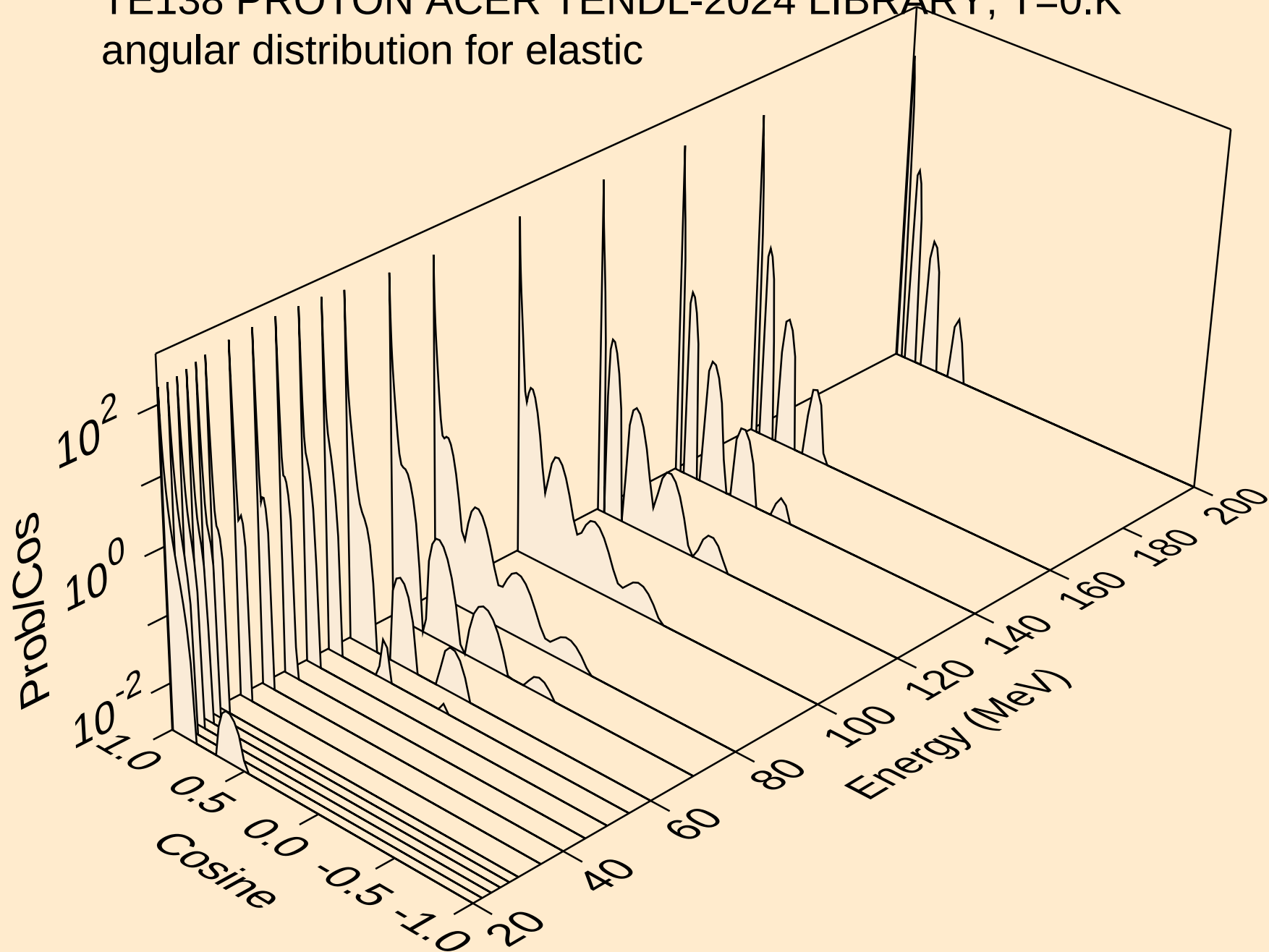
Threshold reactions



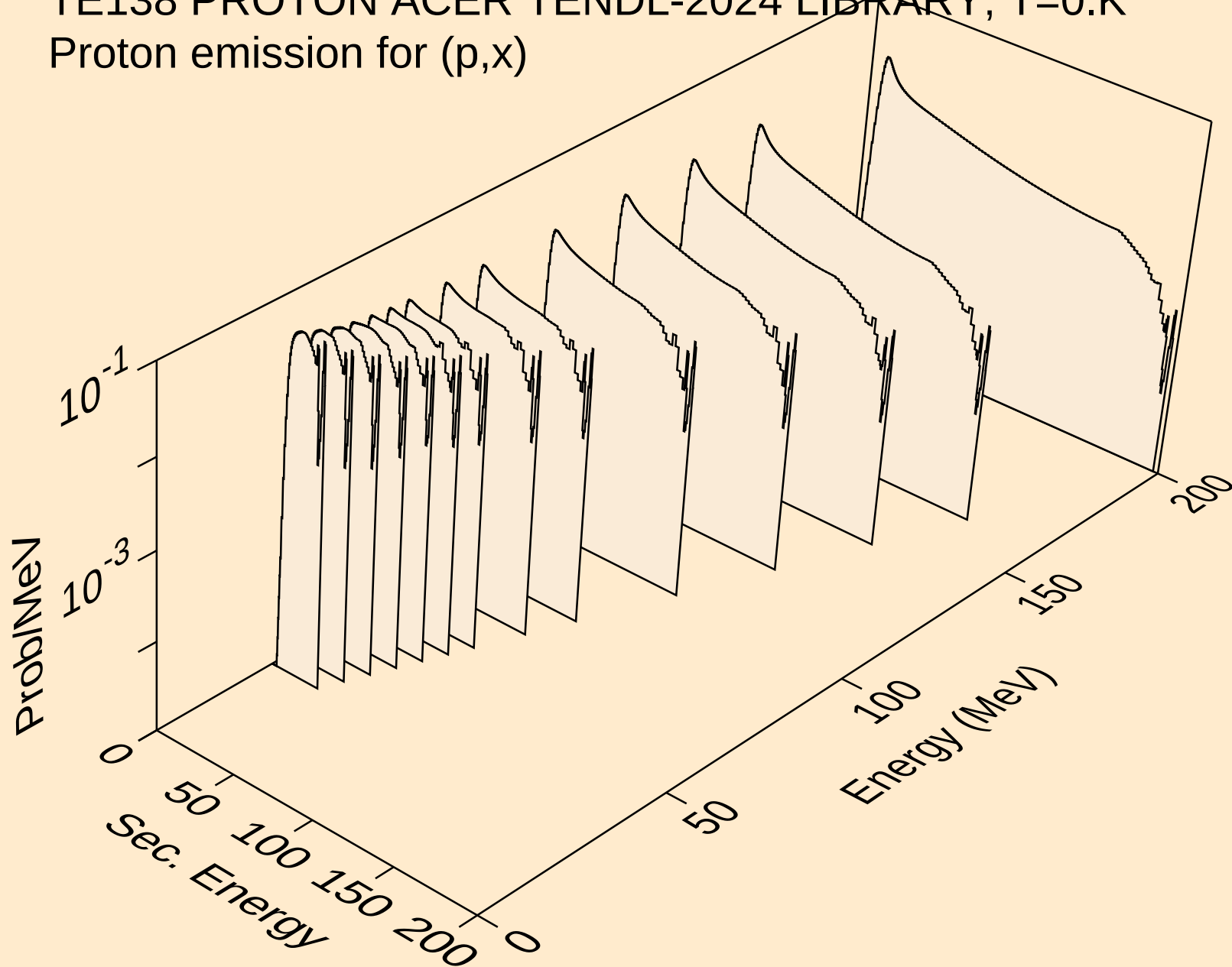
TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic

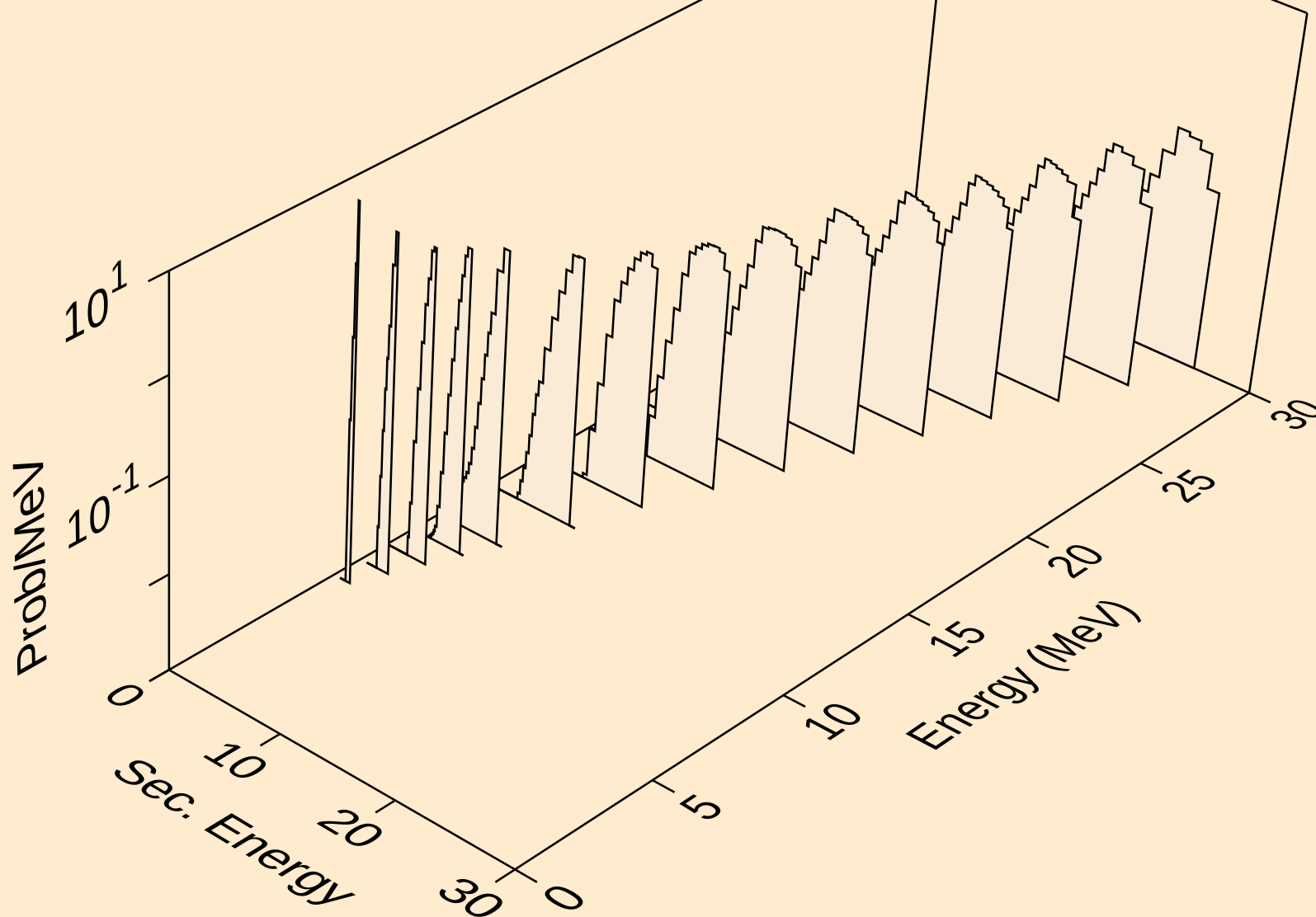


TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,x)

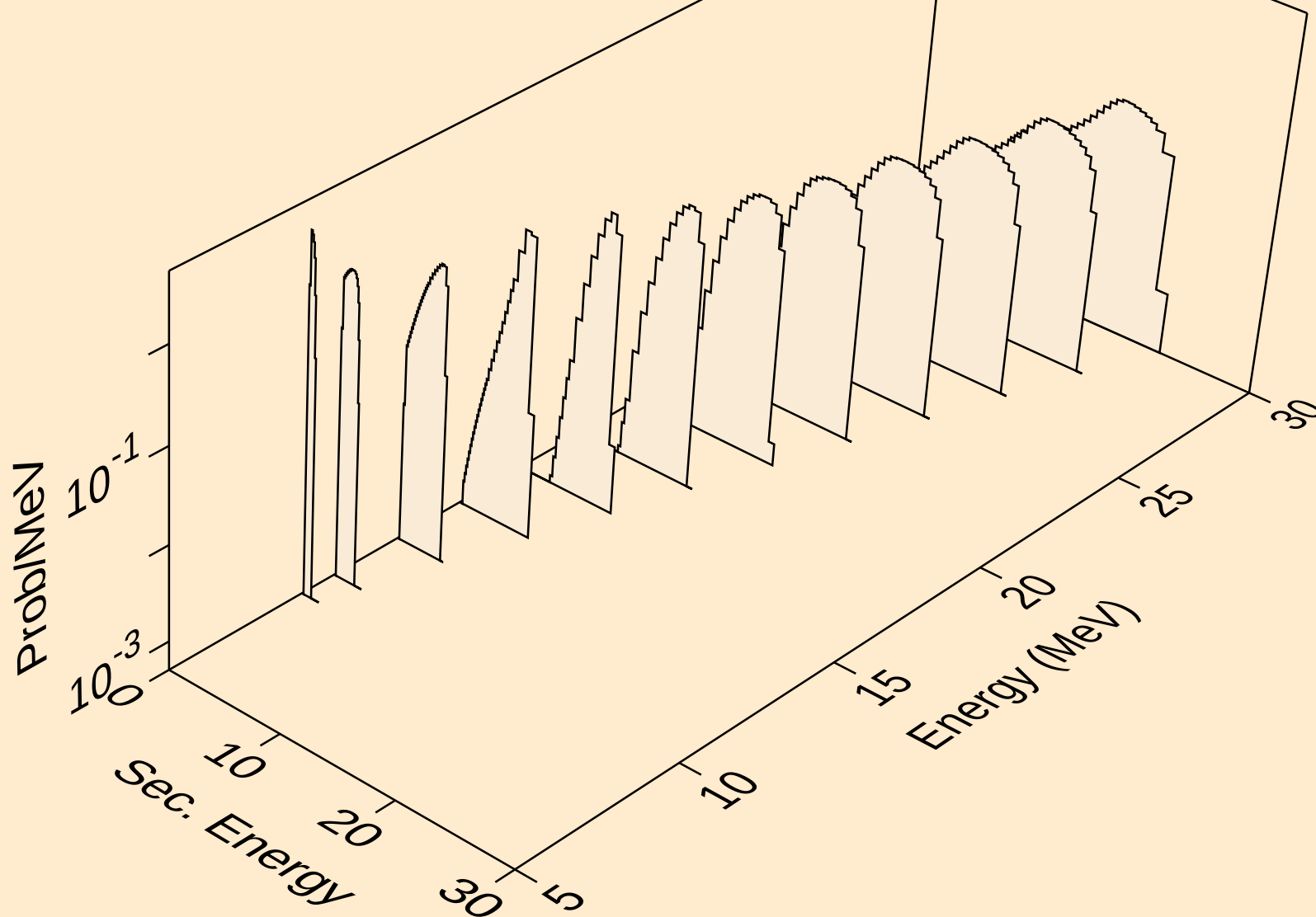


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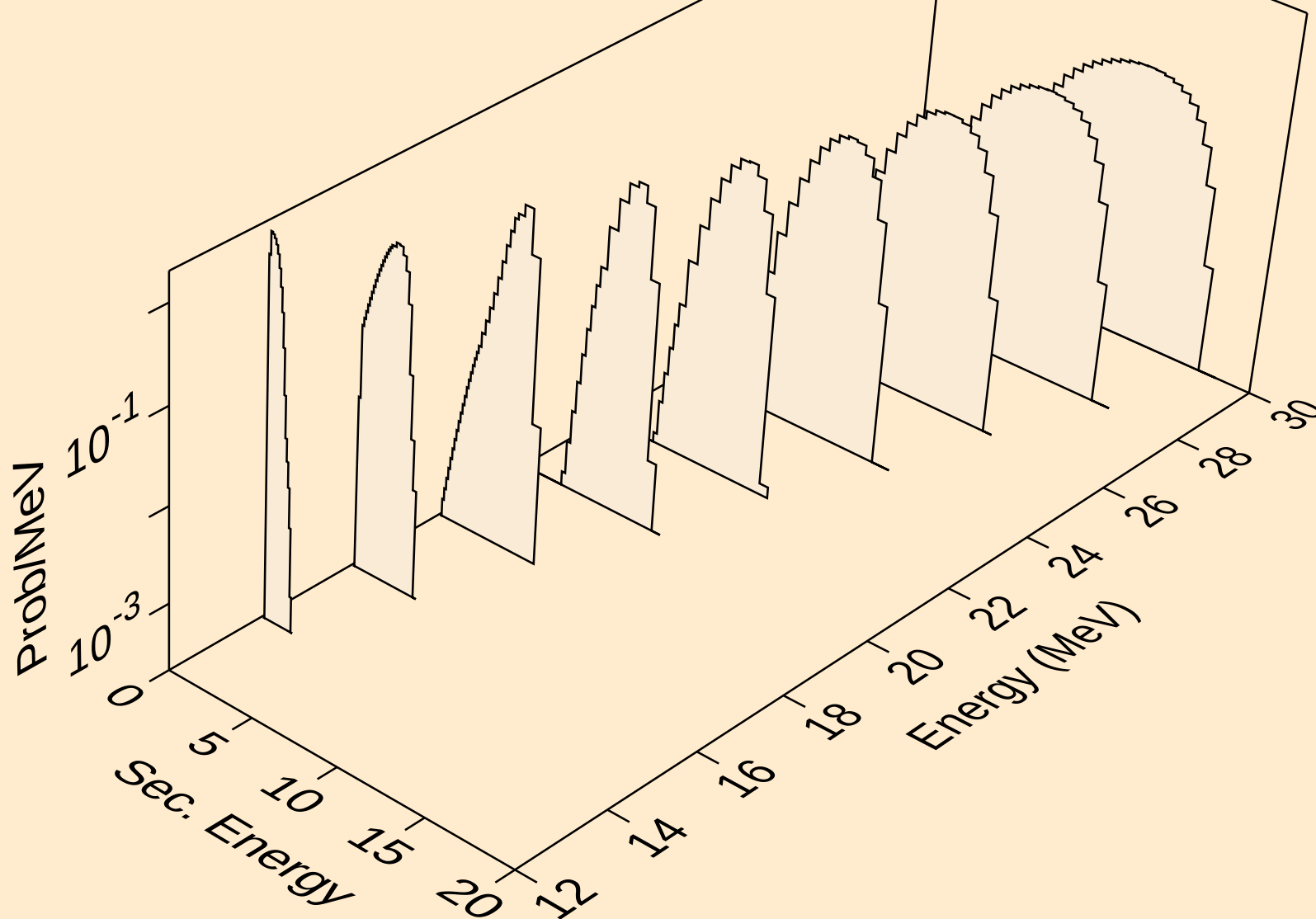
Proton emission for (p,n*)p



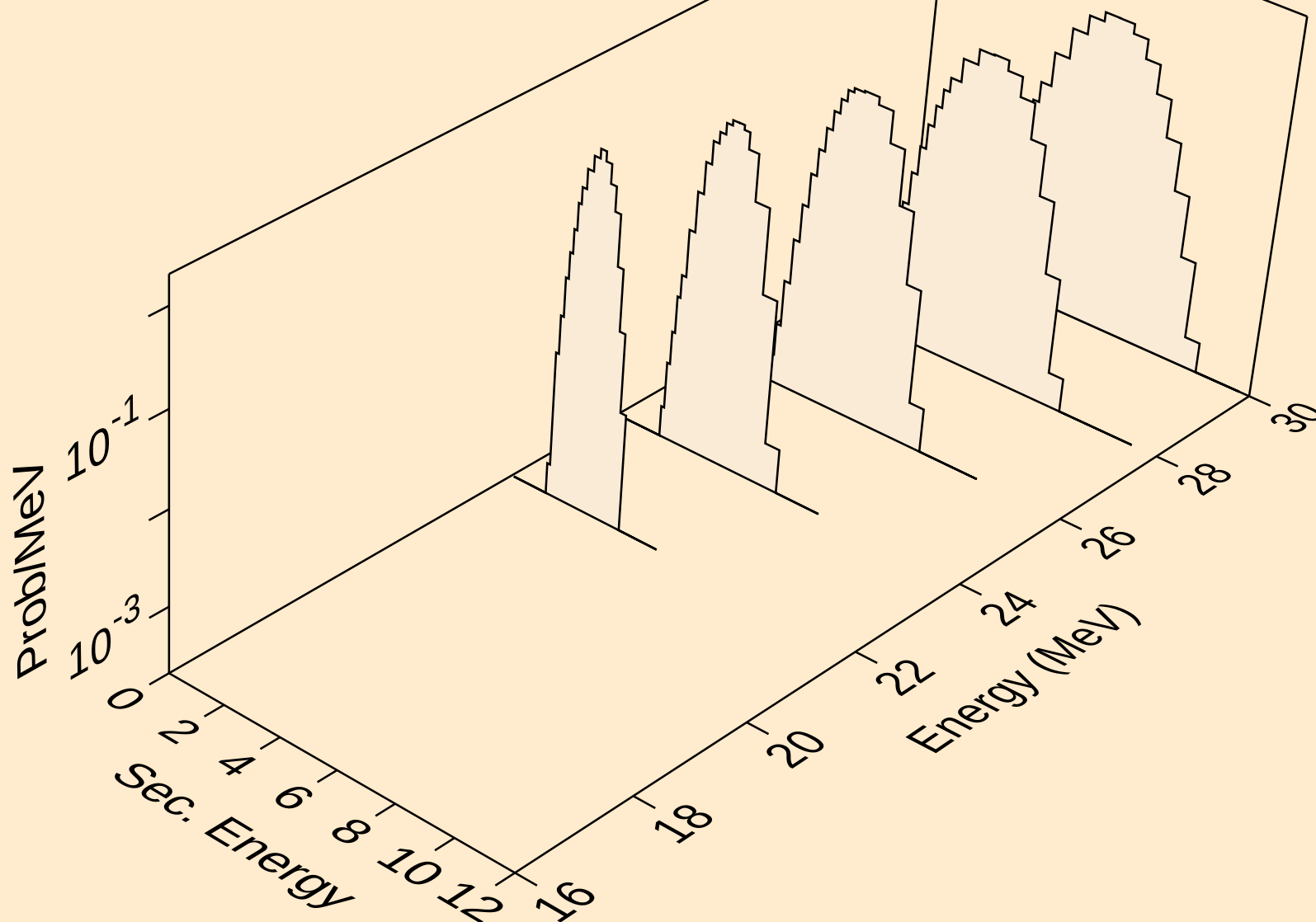
TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,2np)



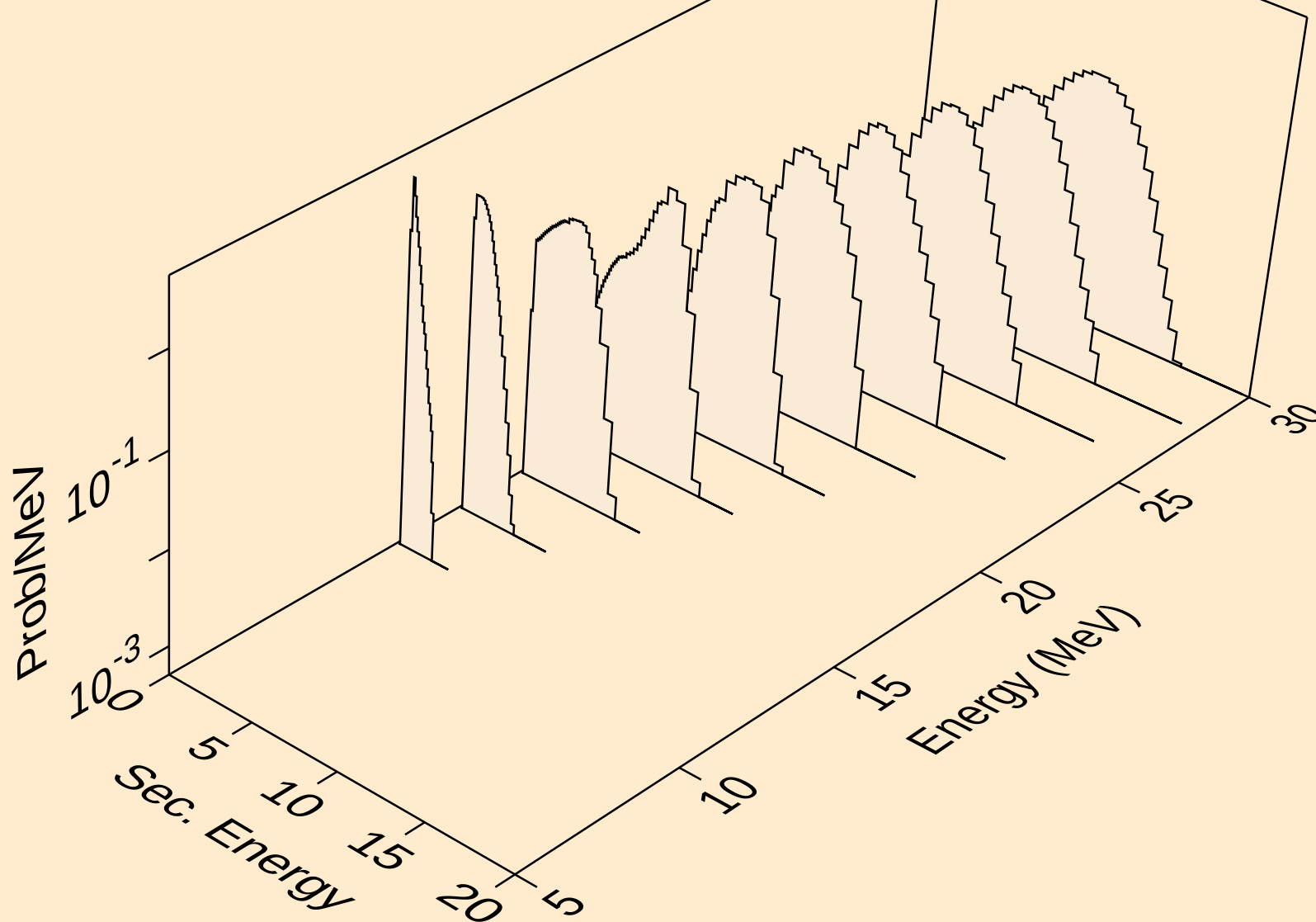
TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,3np)



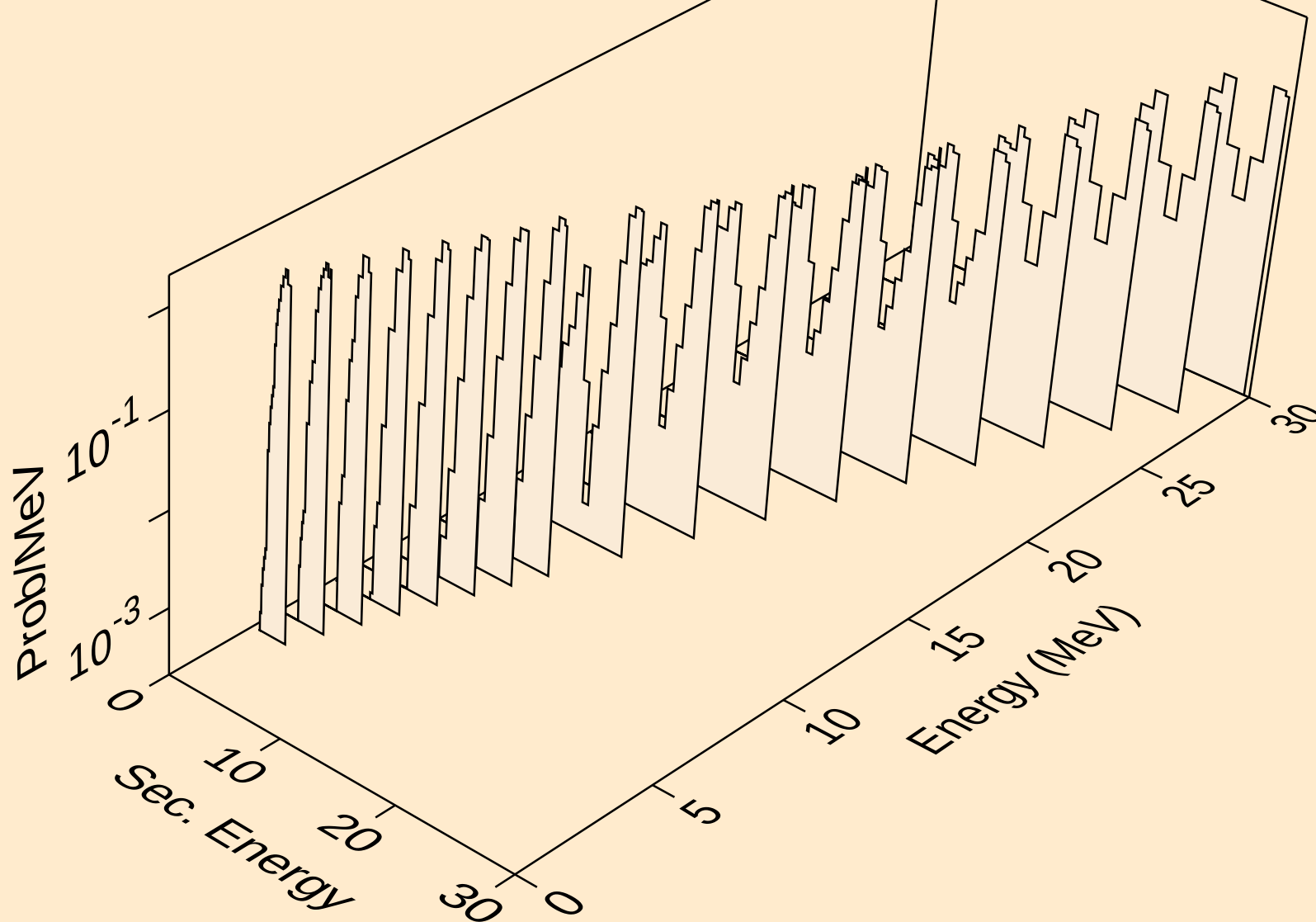
TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,n2p)



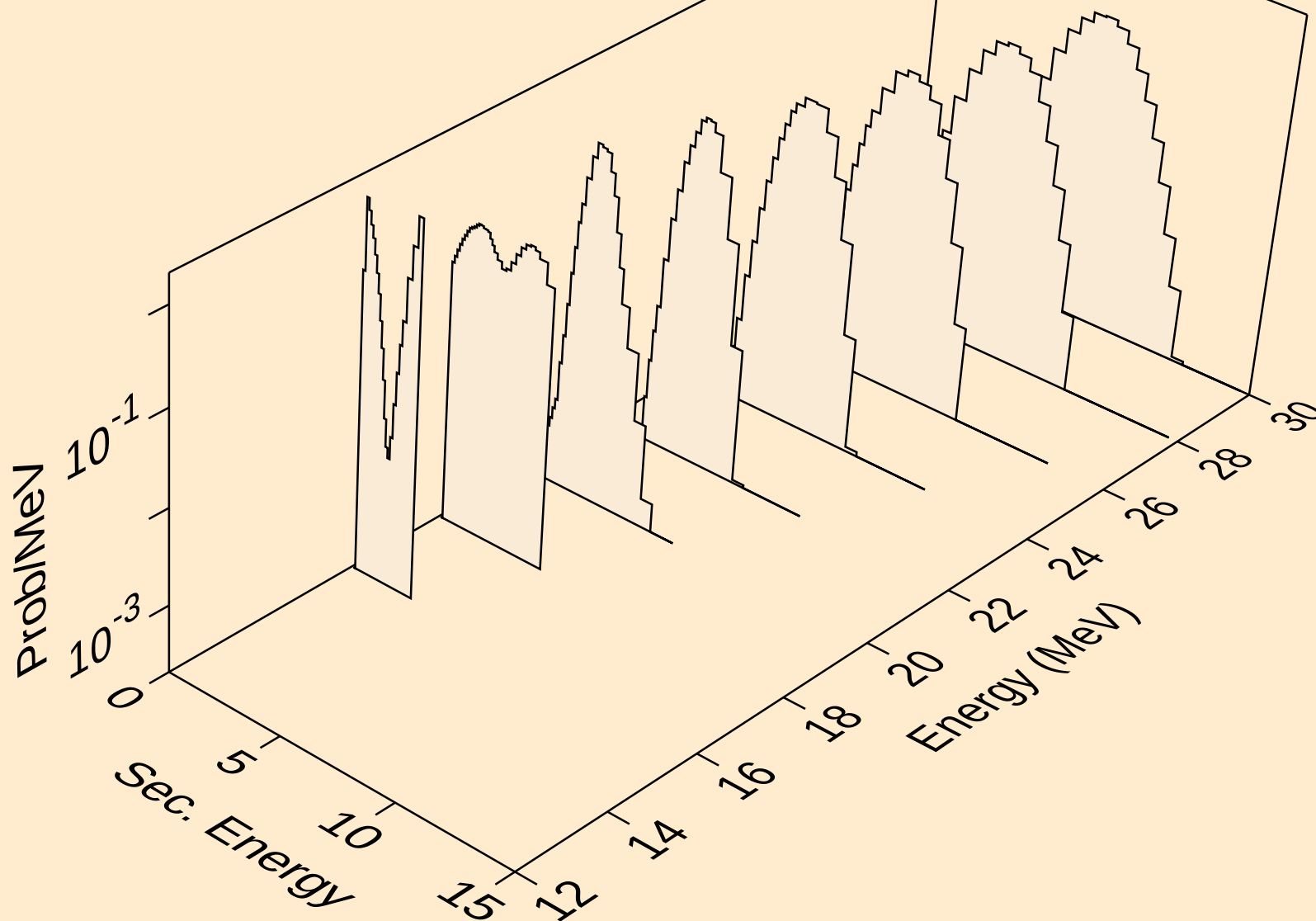
TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,npa)



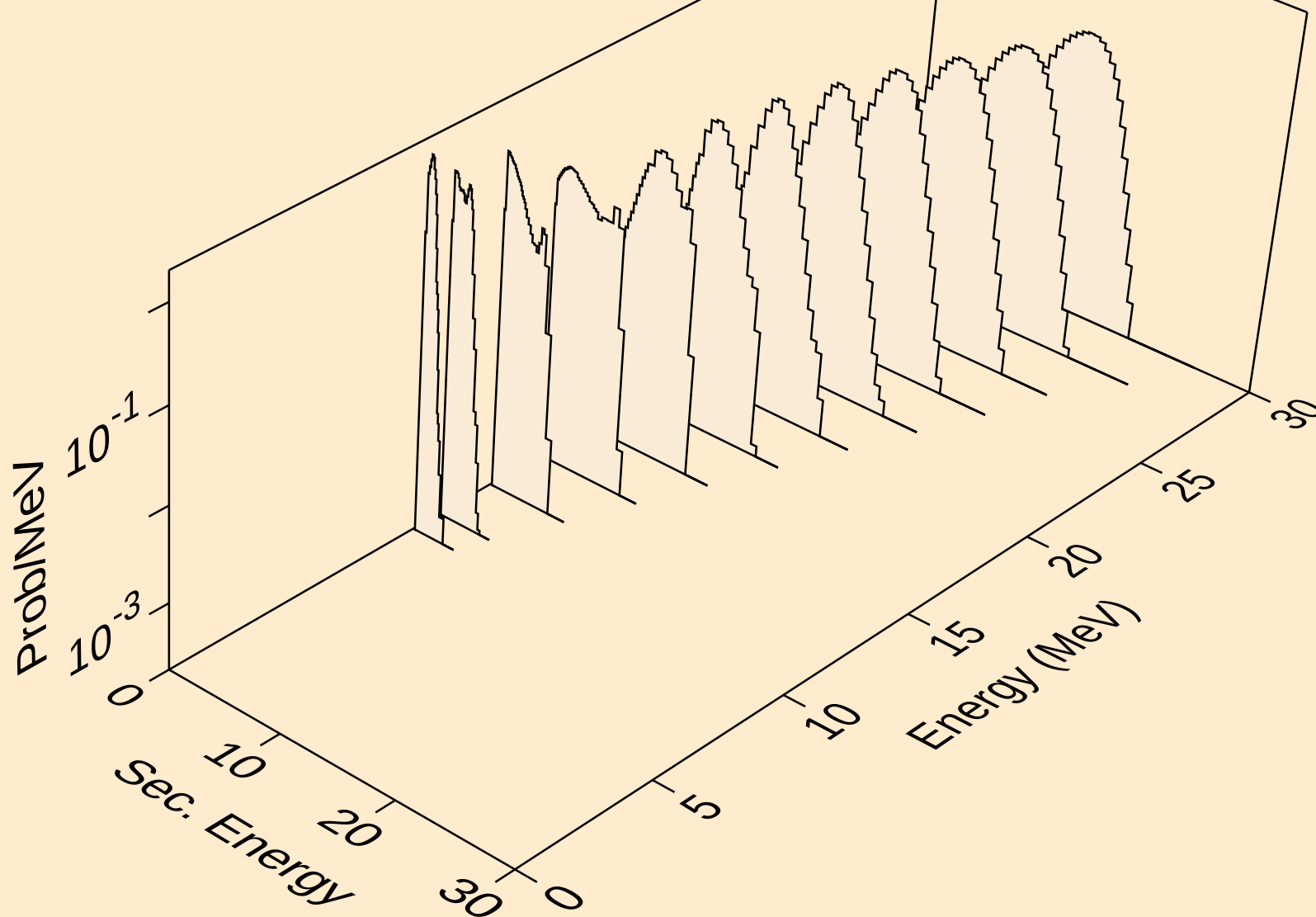
TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for inelastic



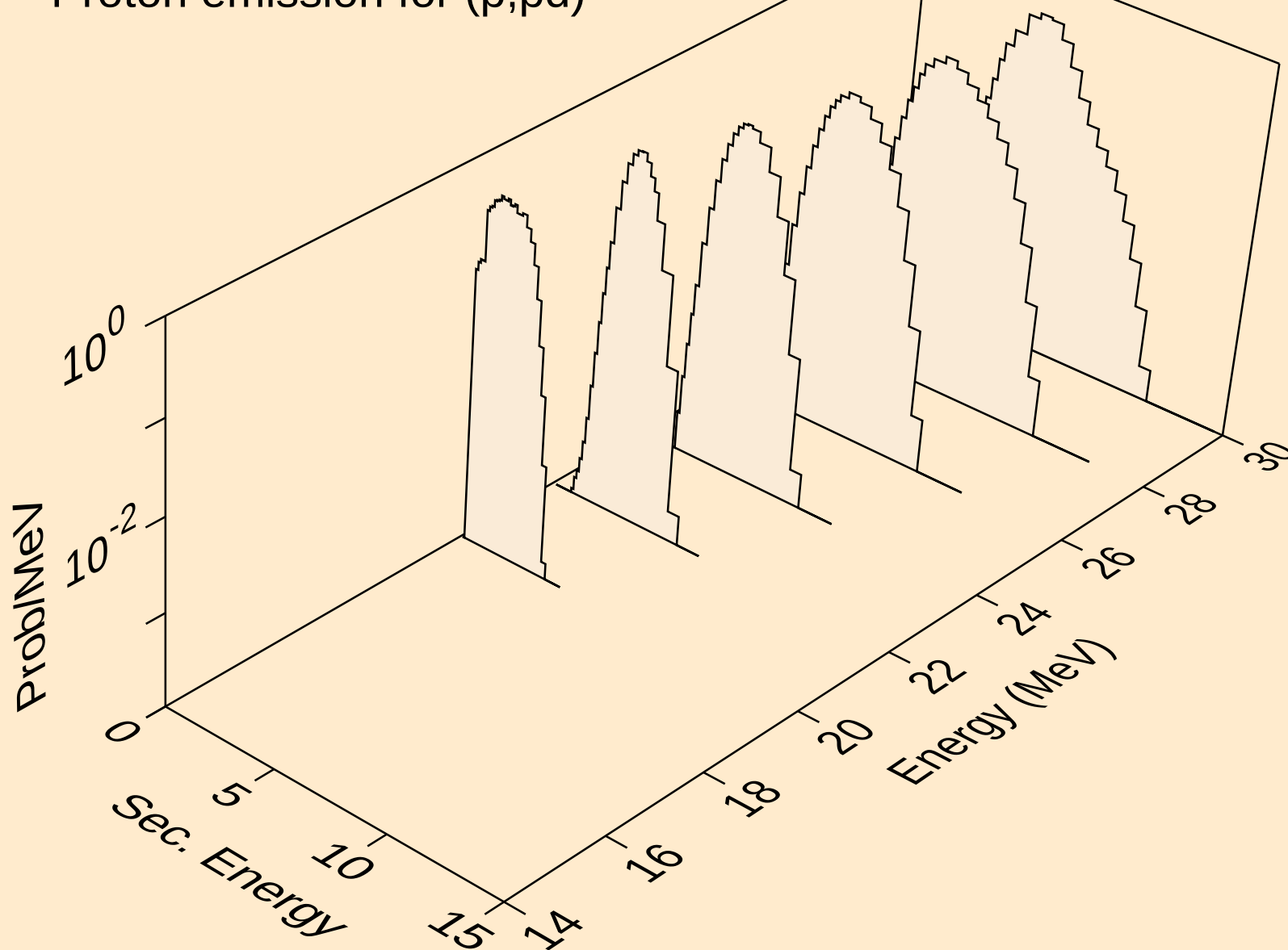
TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,2p)



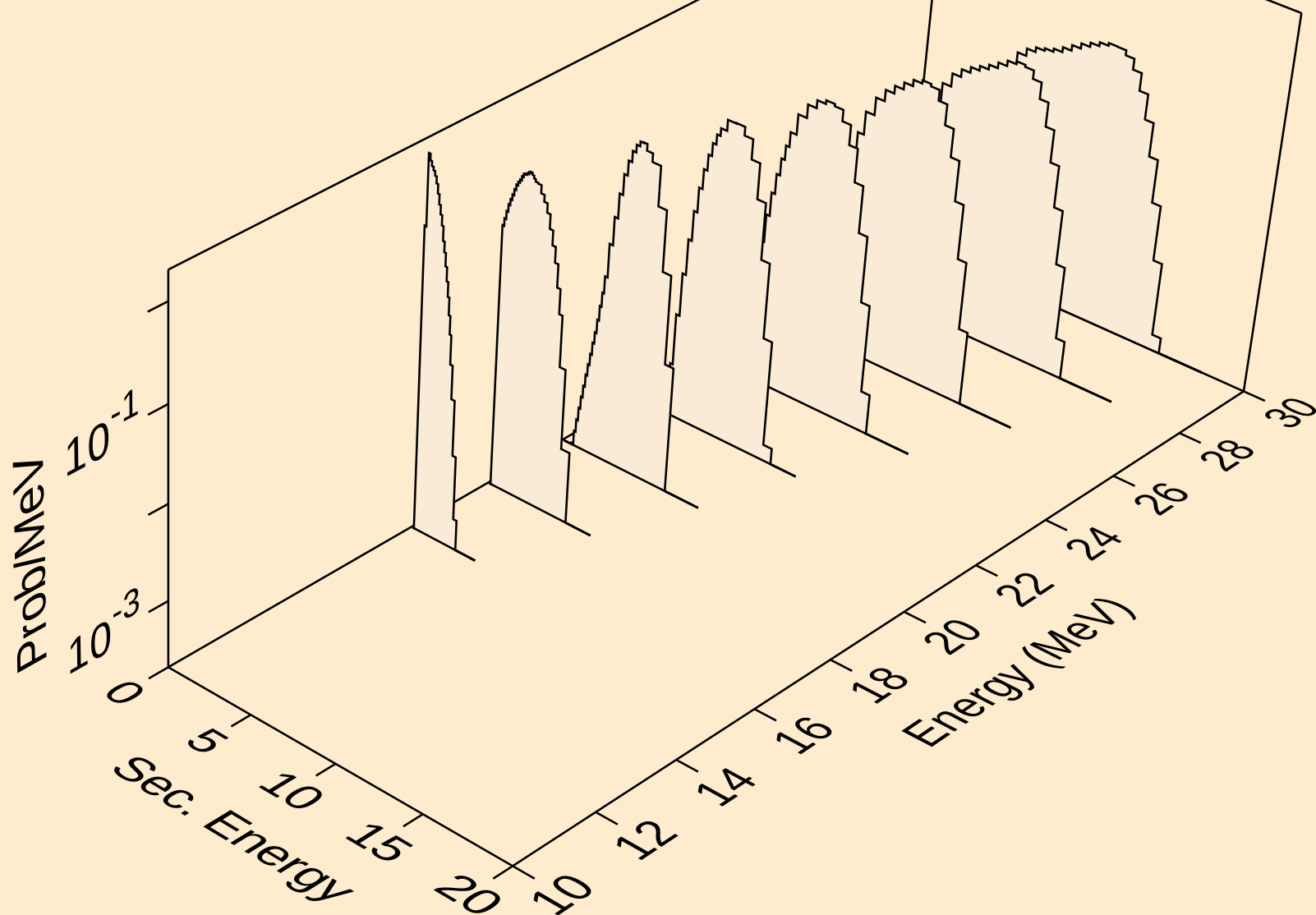
TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,pa)



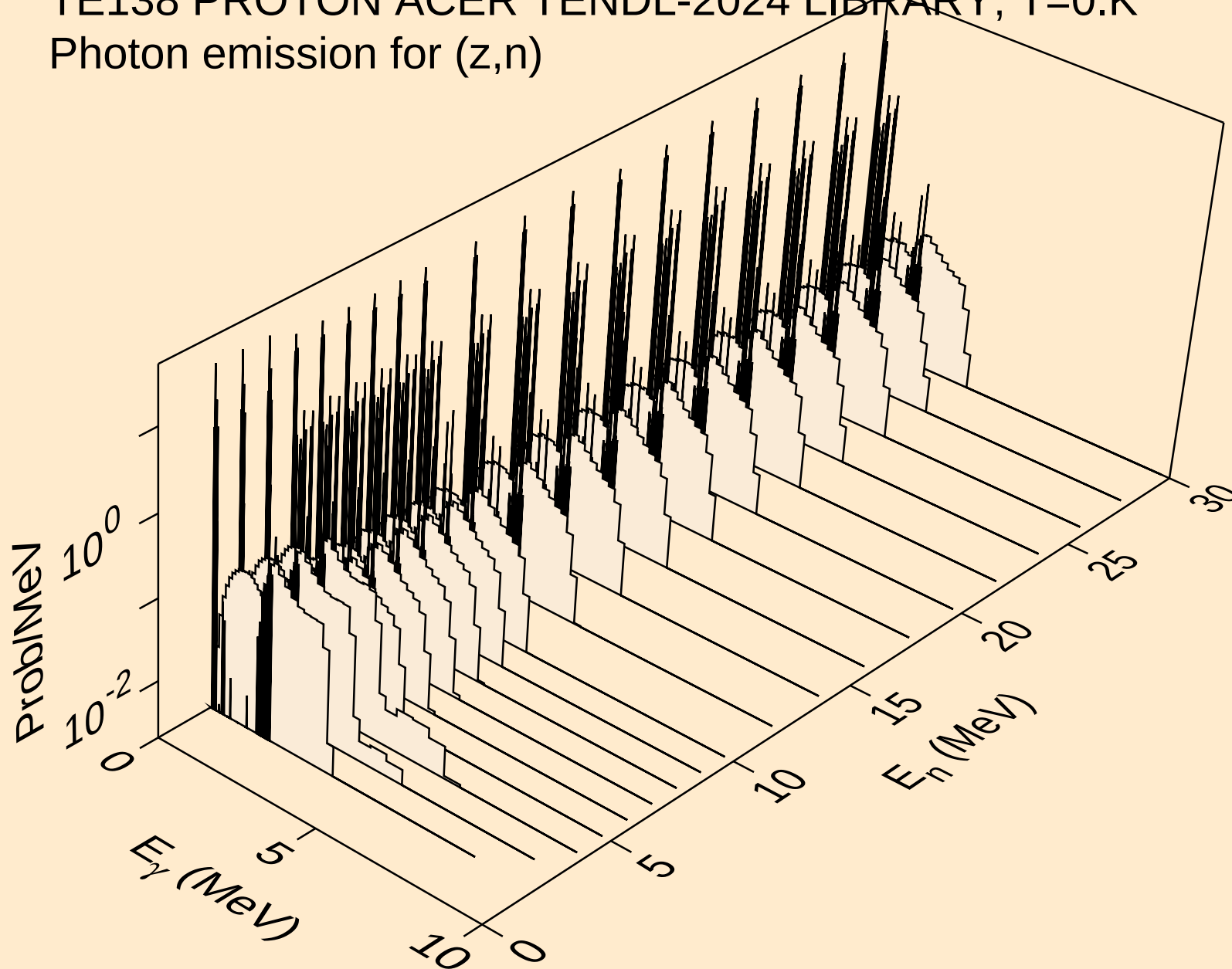
TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,pd)



TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,pt)

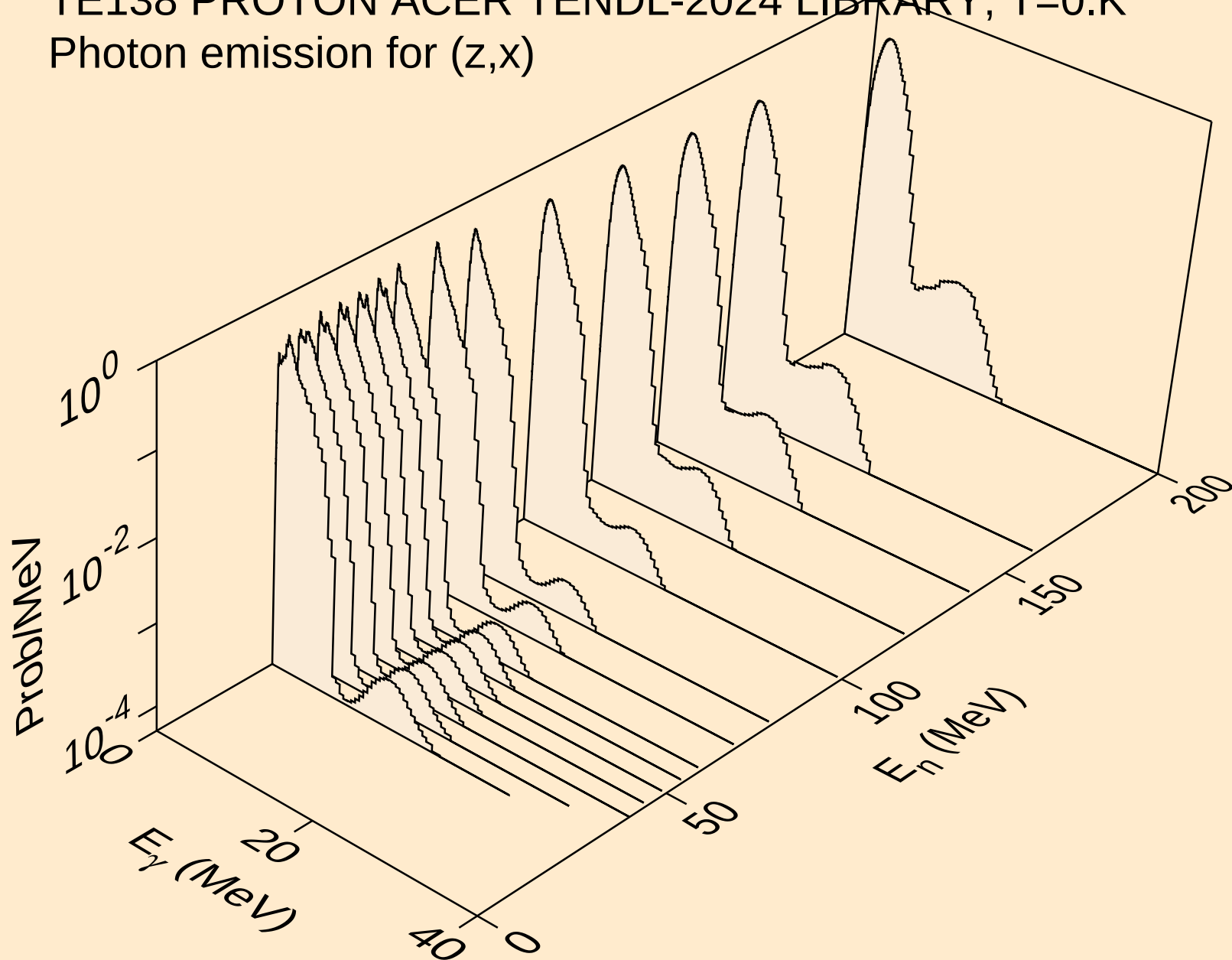


TE138 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (z,n)

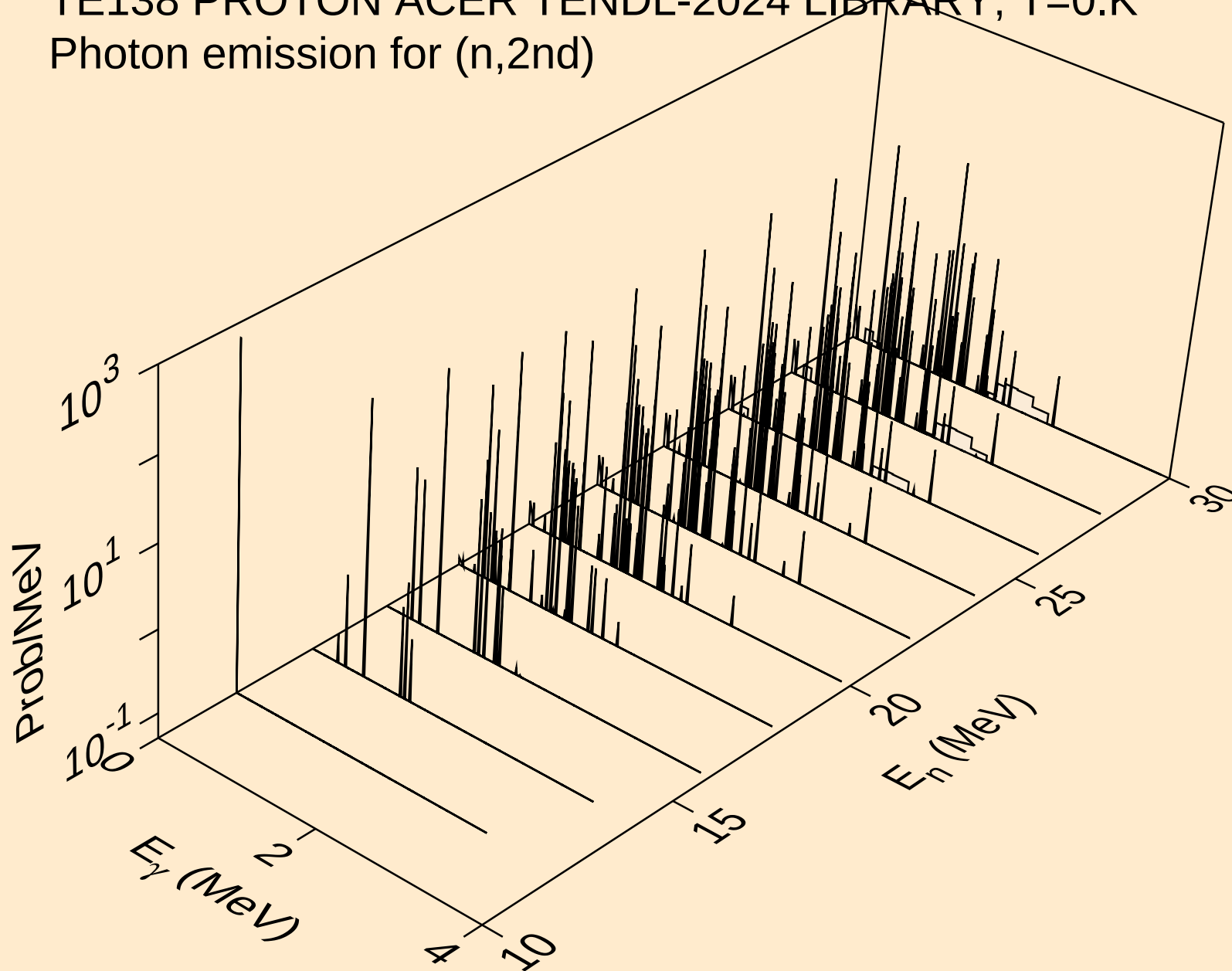


TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K

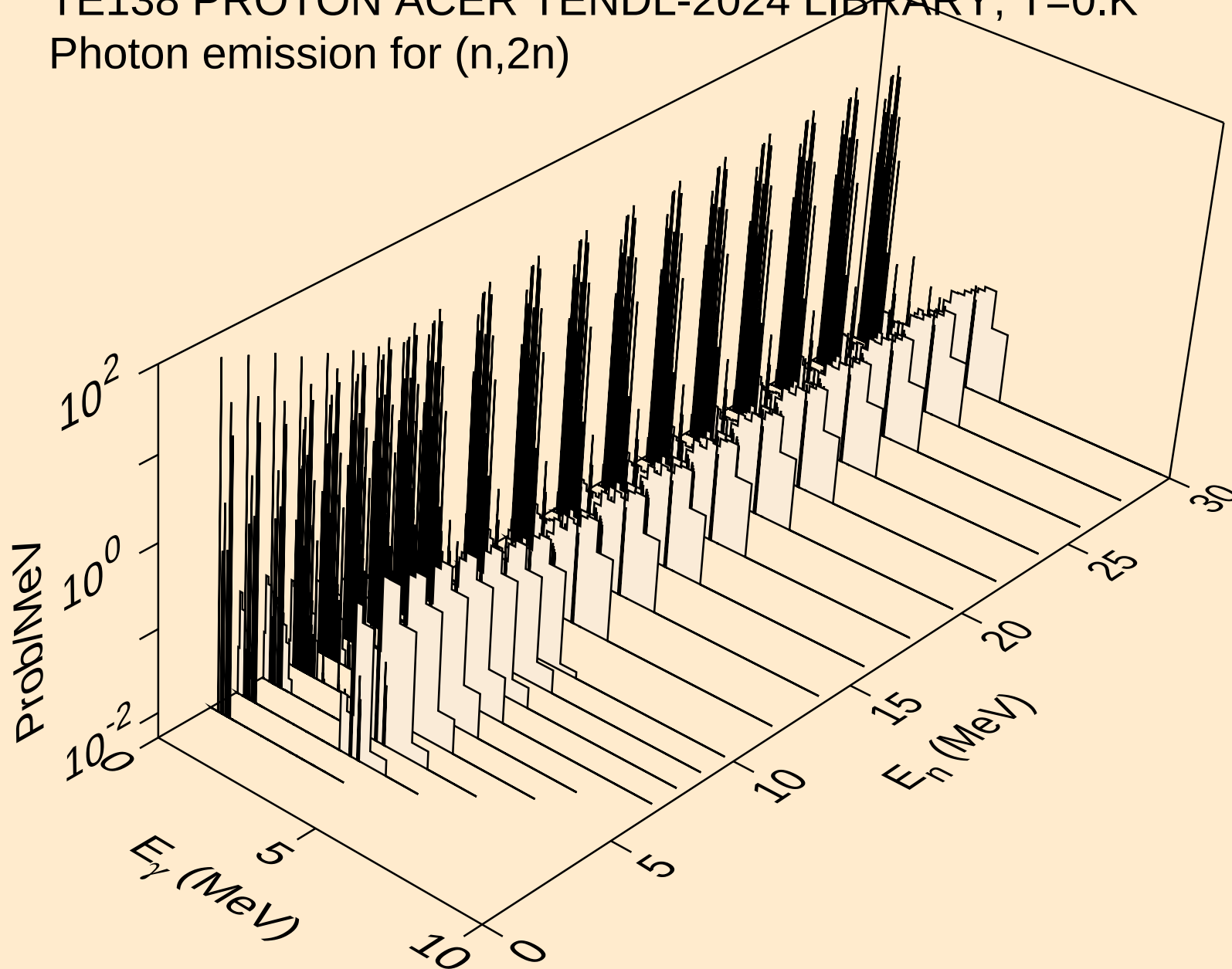
Photon emission for (z,x)



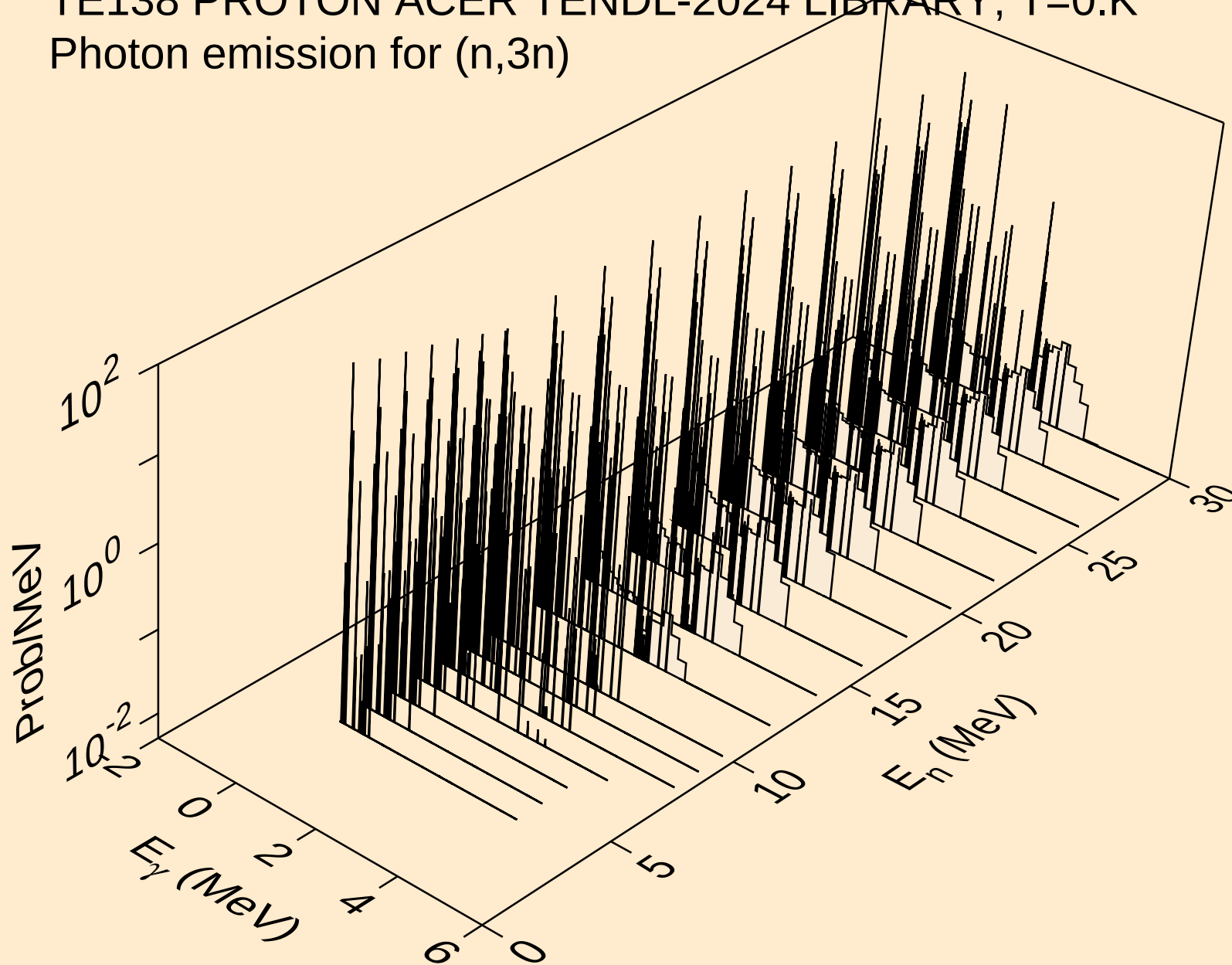
TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2nd)



TE138 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,2n)

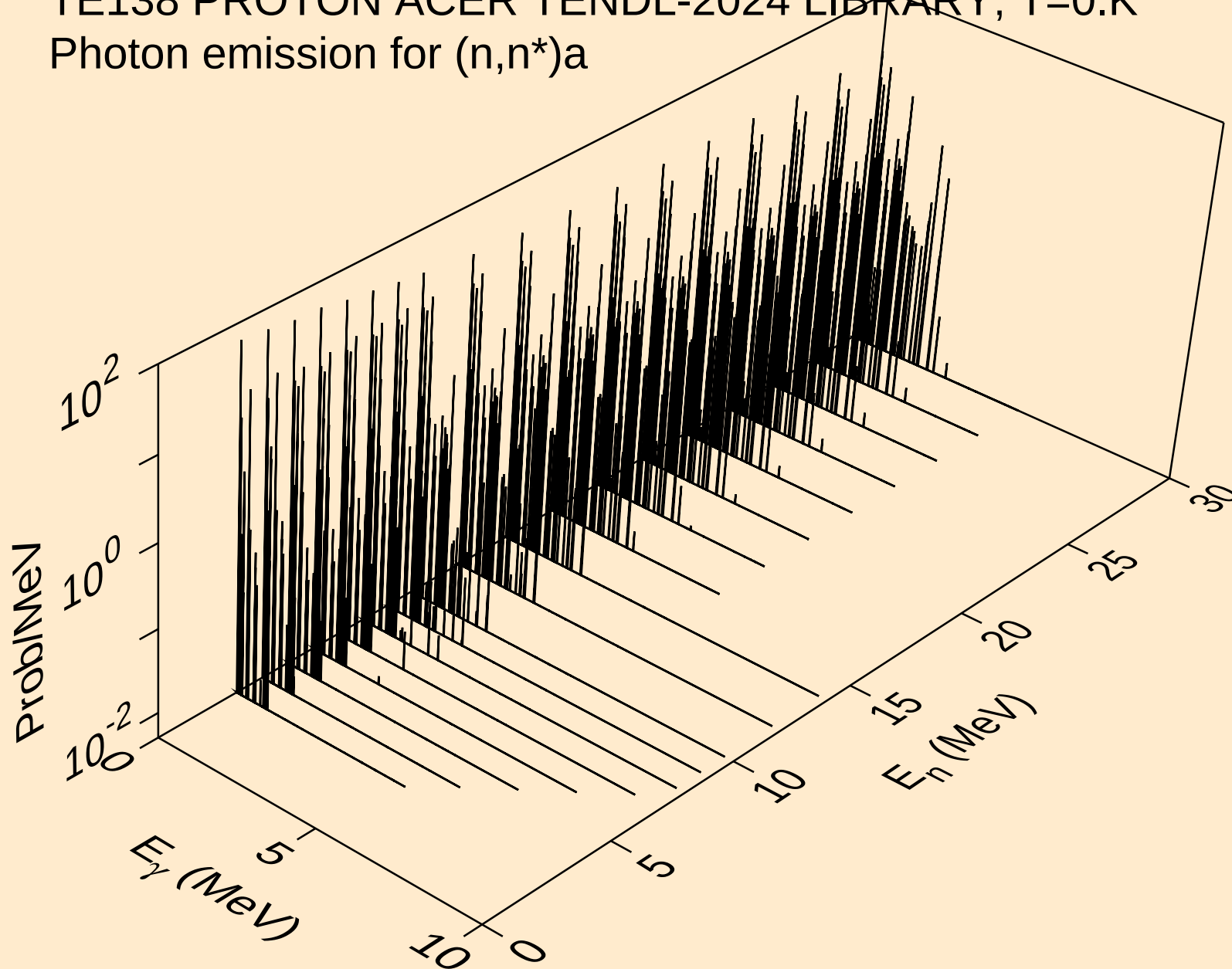


TE138 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,3n)

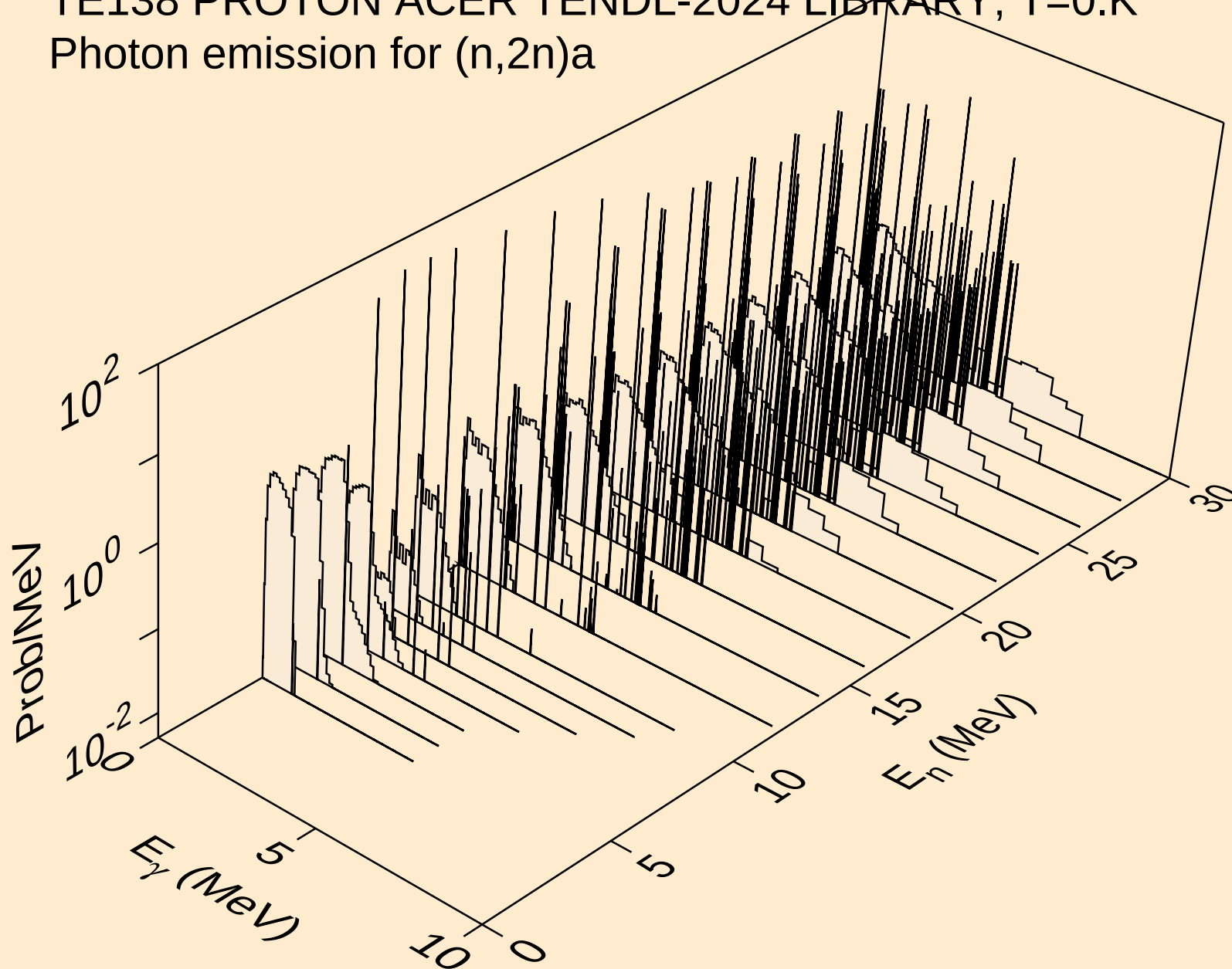


TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)a

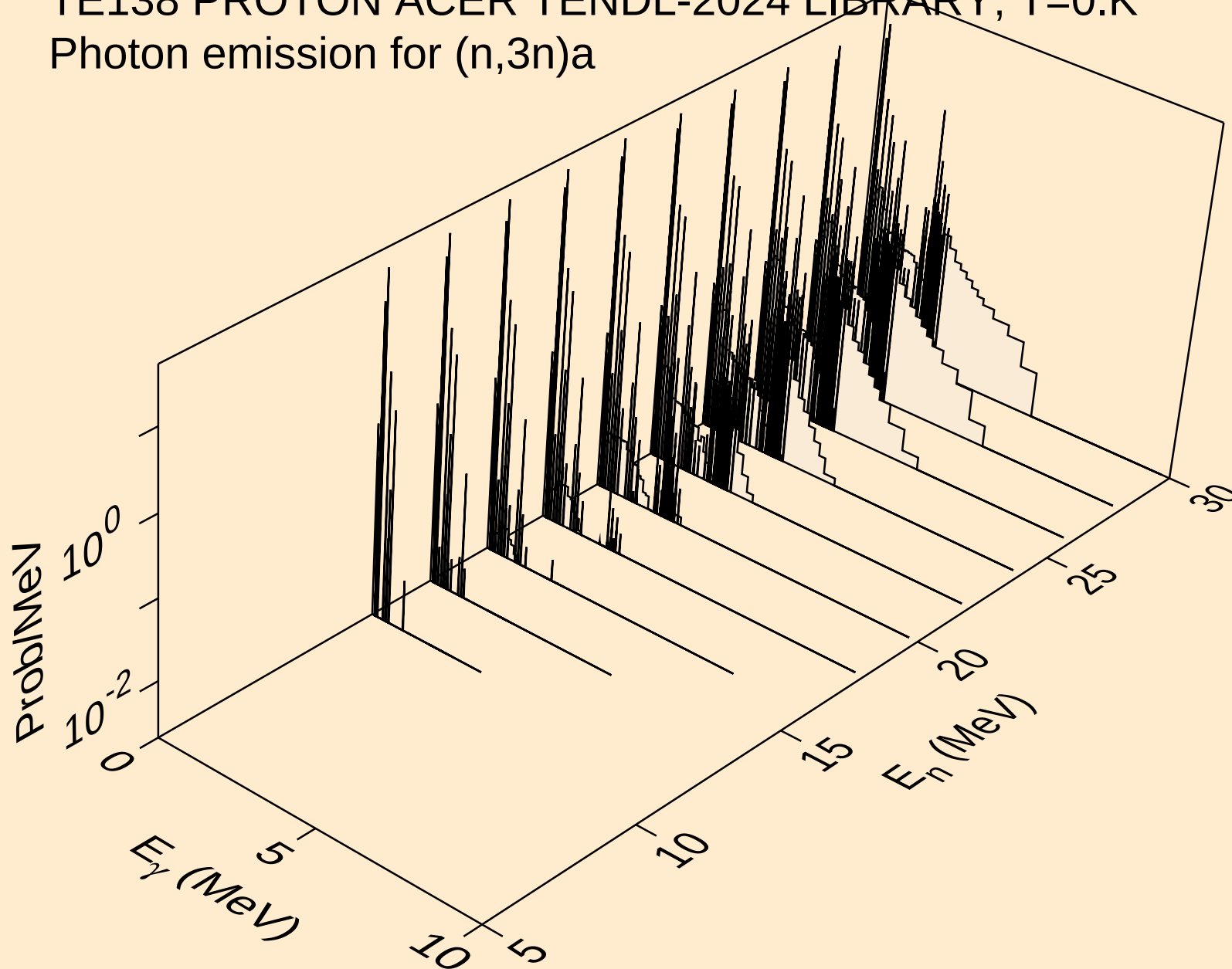


TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)a

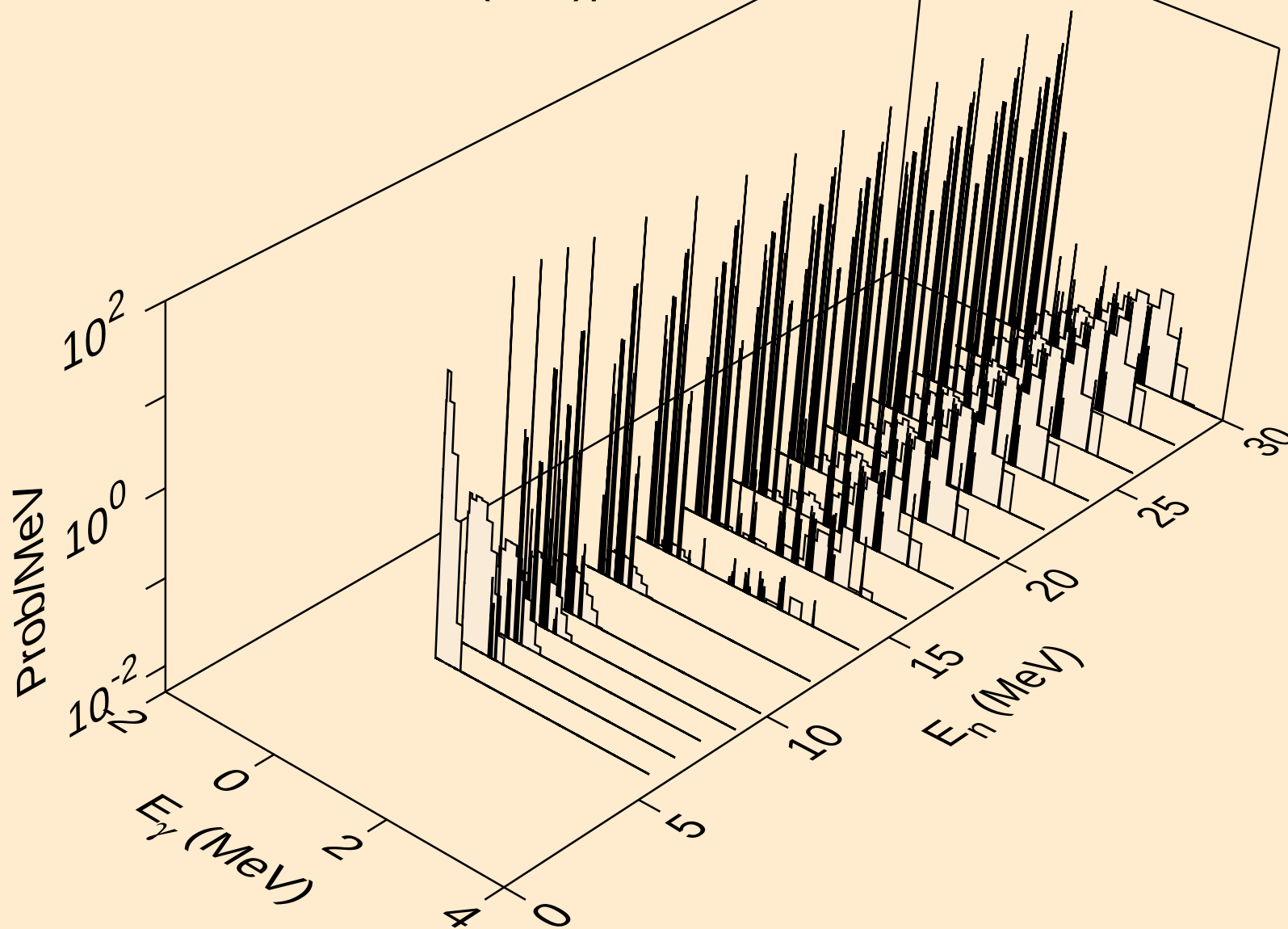


TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K

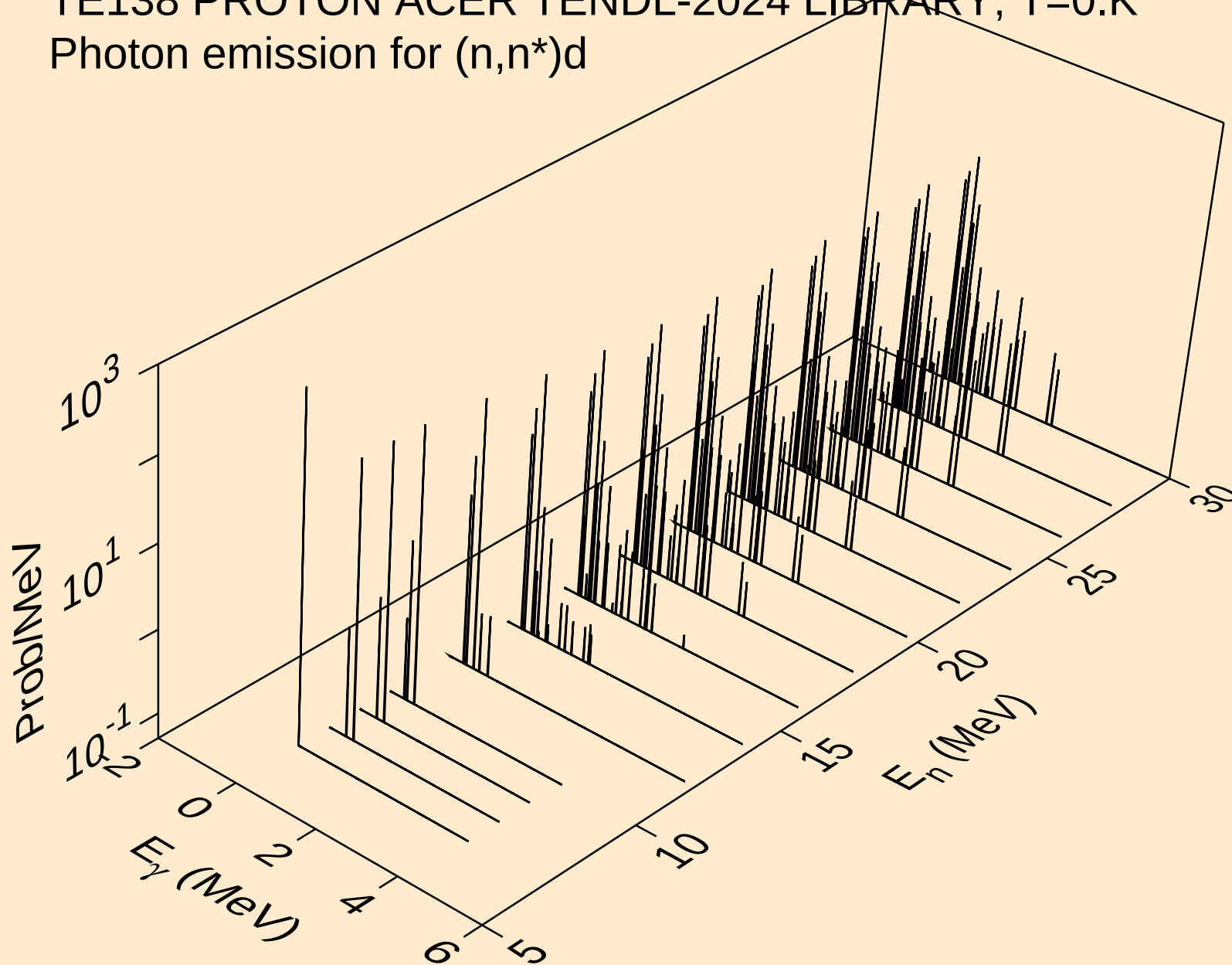
Photon emission for (n,3n)a



TE138 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for $(n,n^*)p$

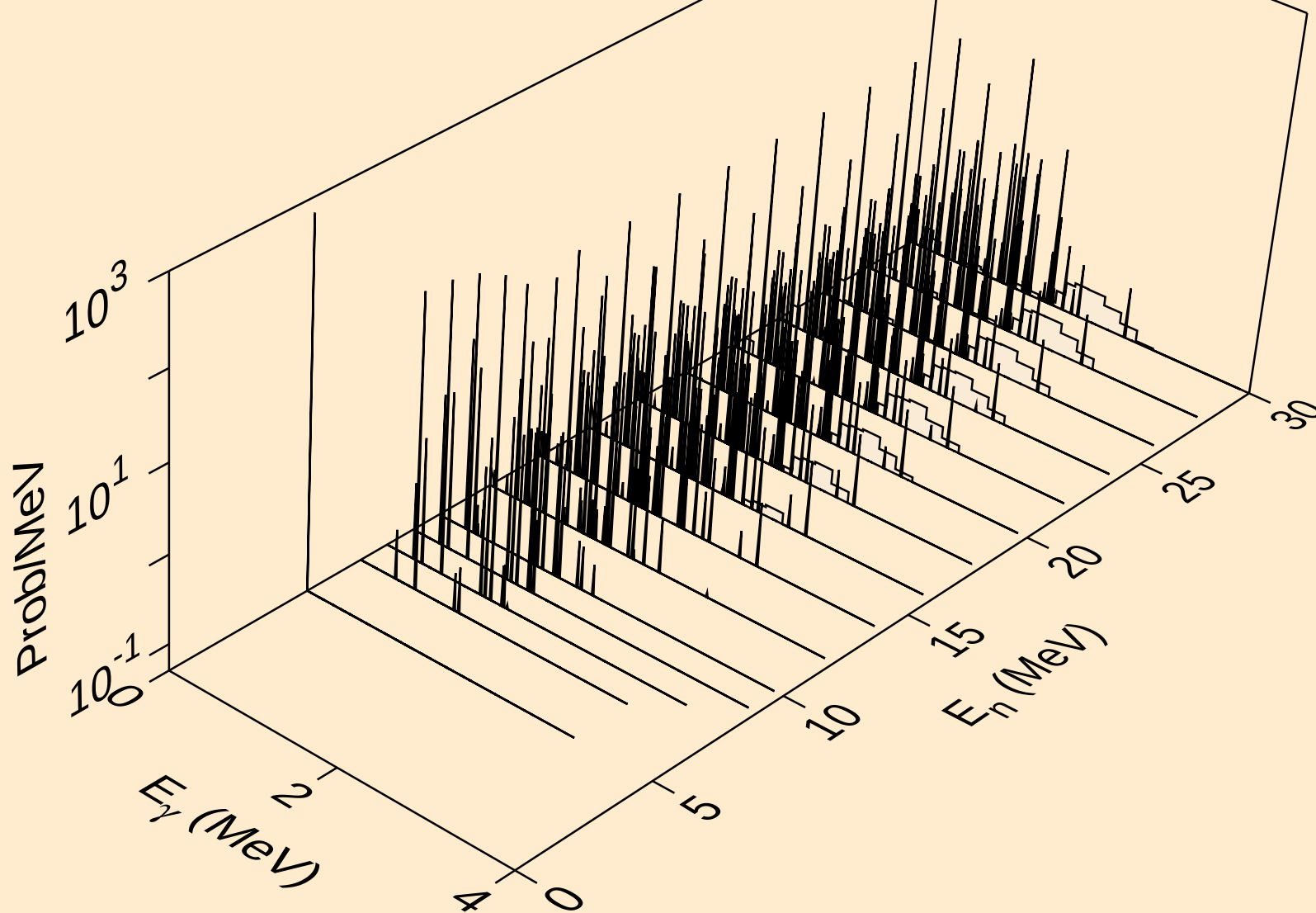


TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)d

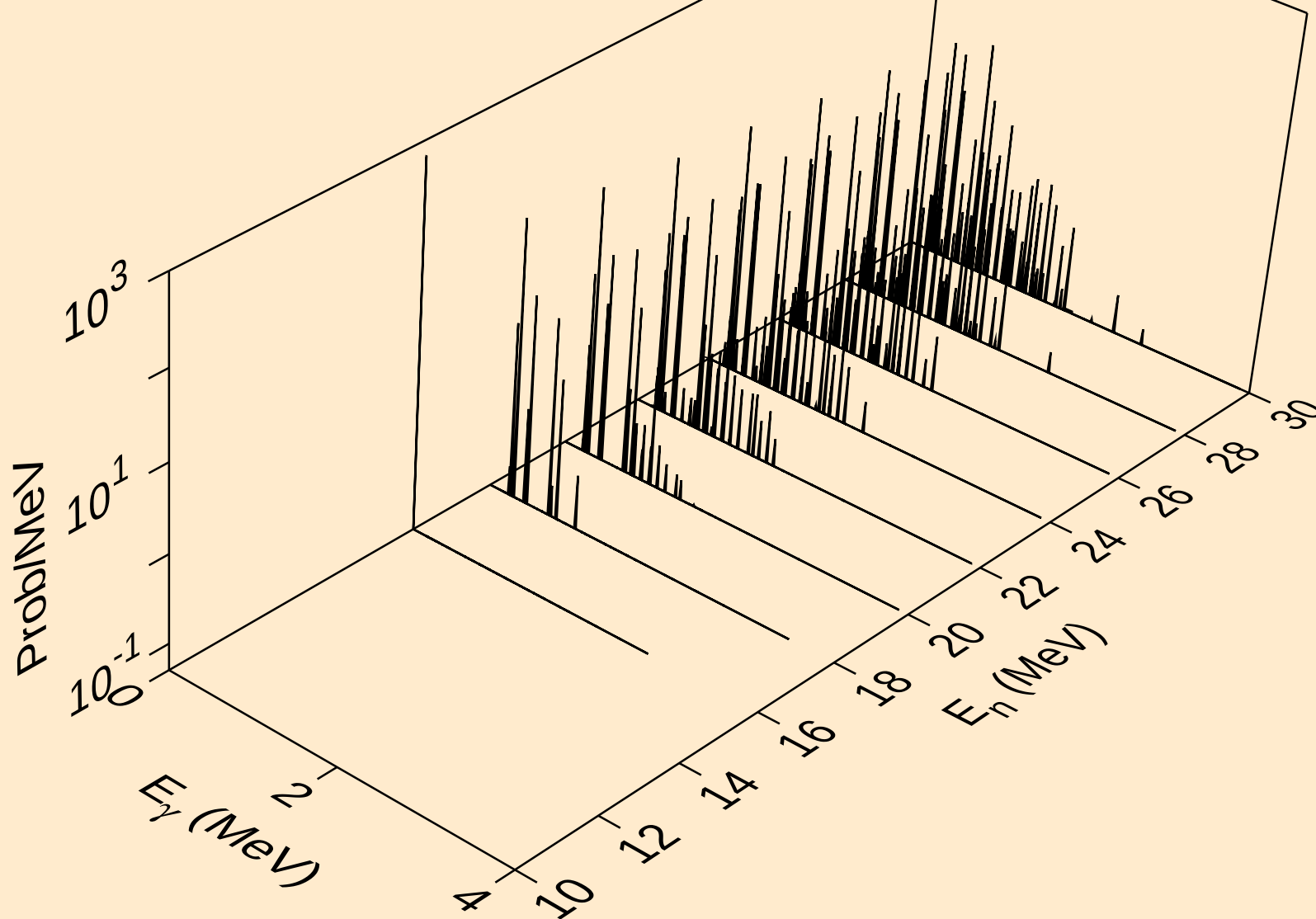


TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K

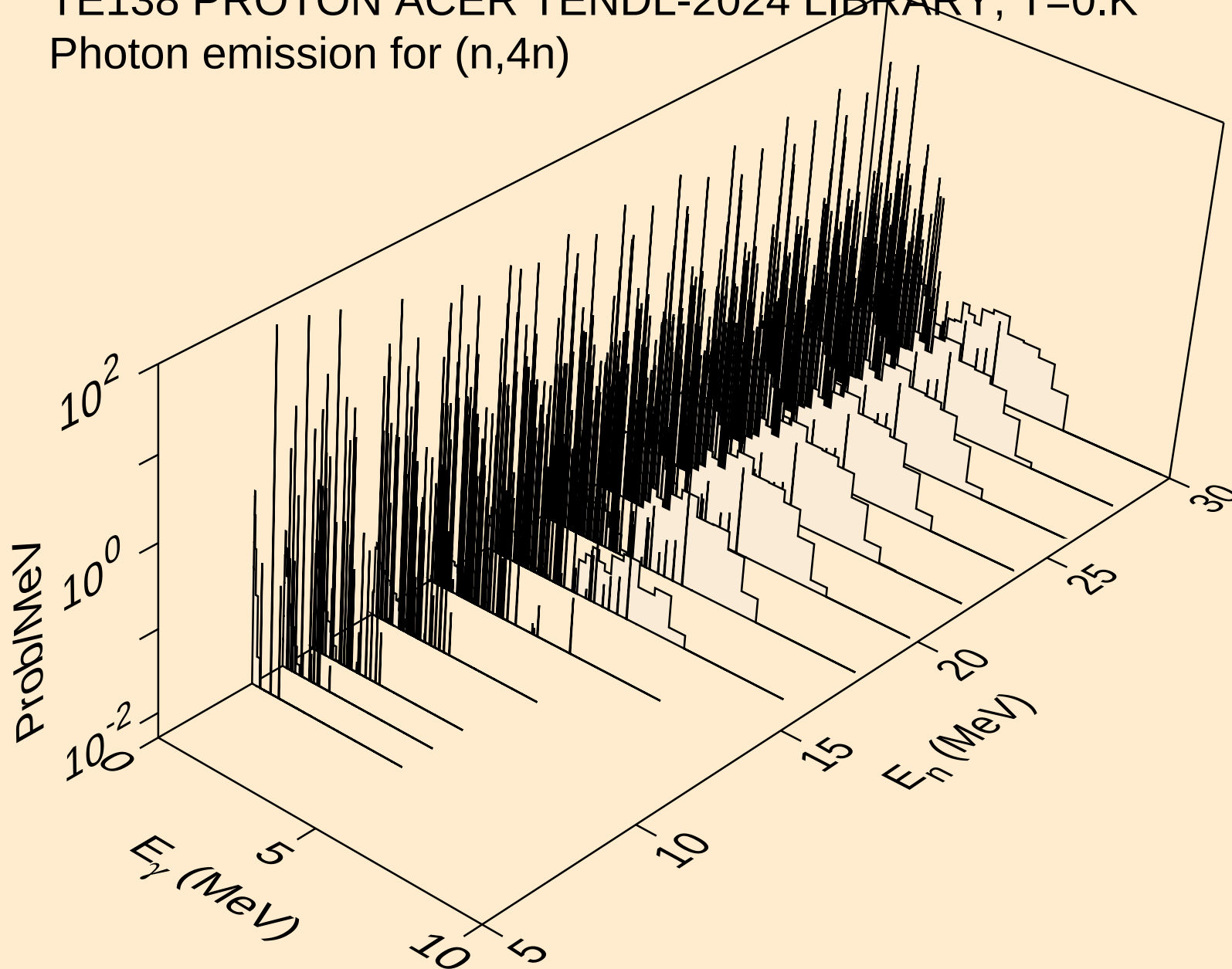
Photon emission for (n,n*)t



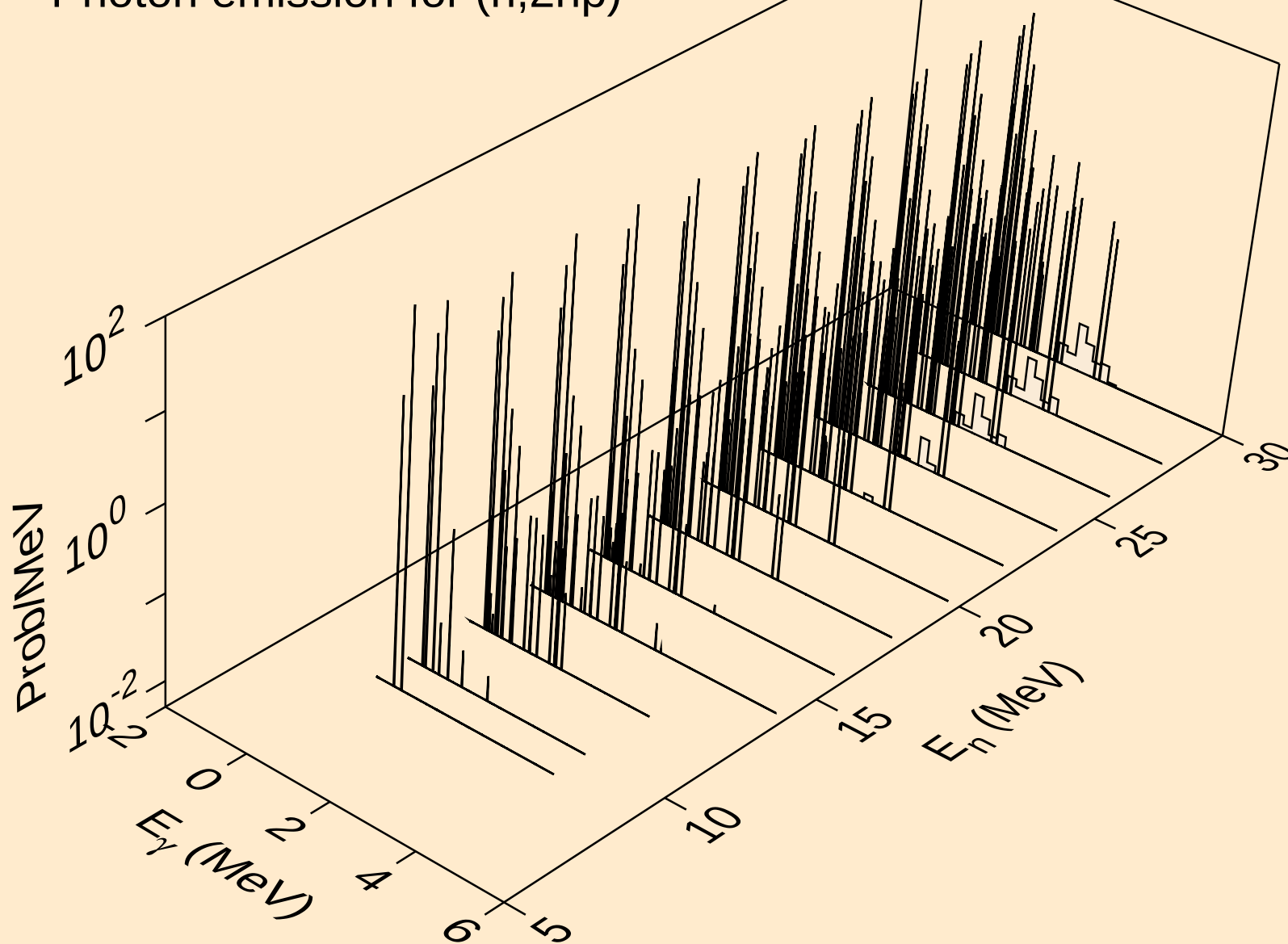
TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)he3



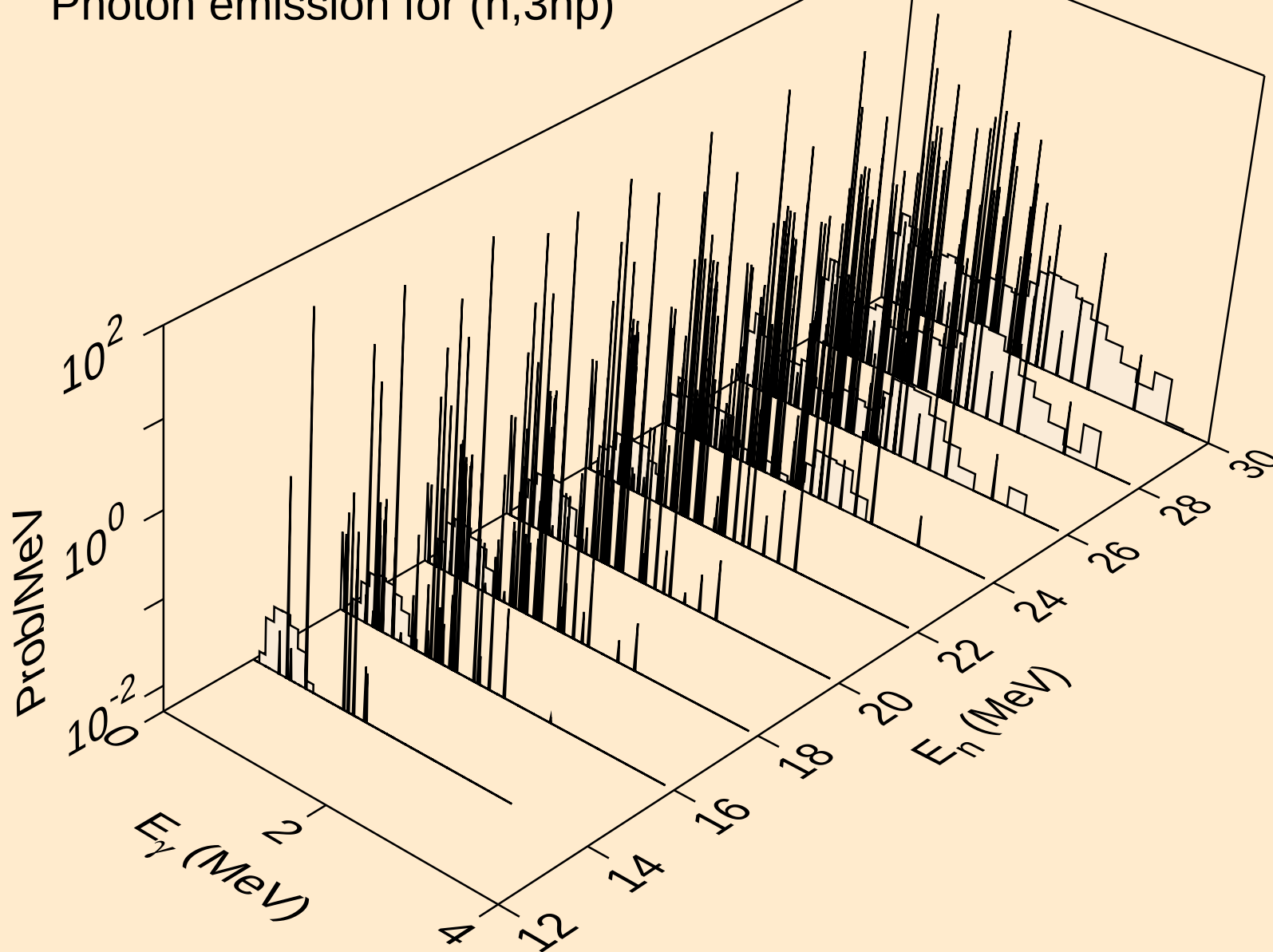
TE138 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,4n)



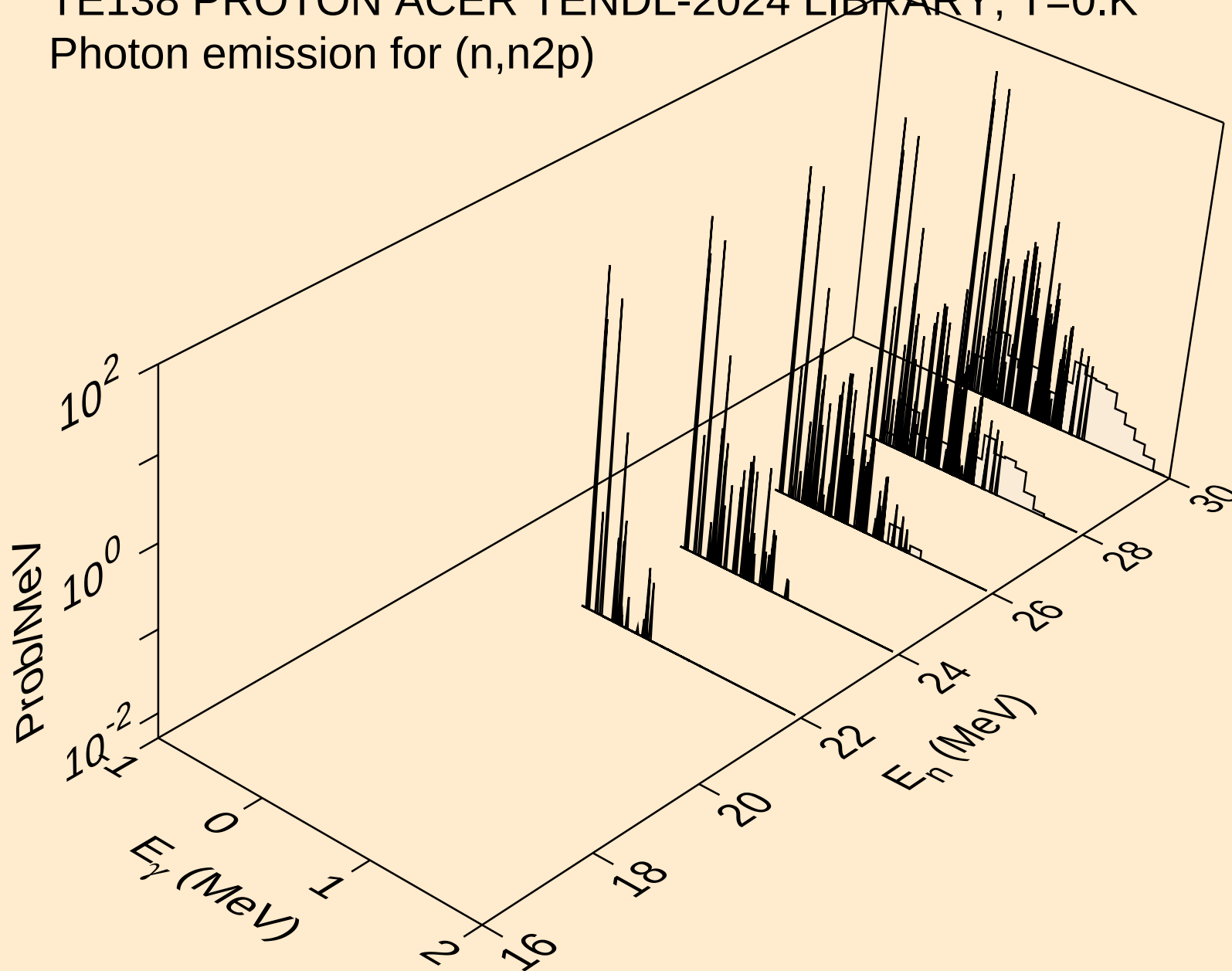
TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2np)



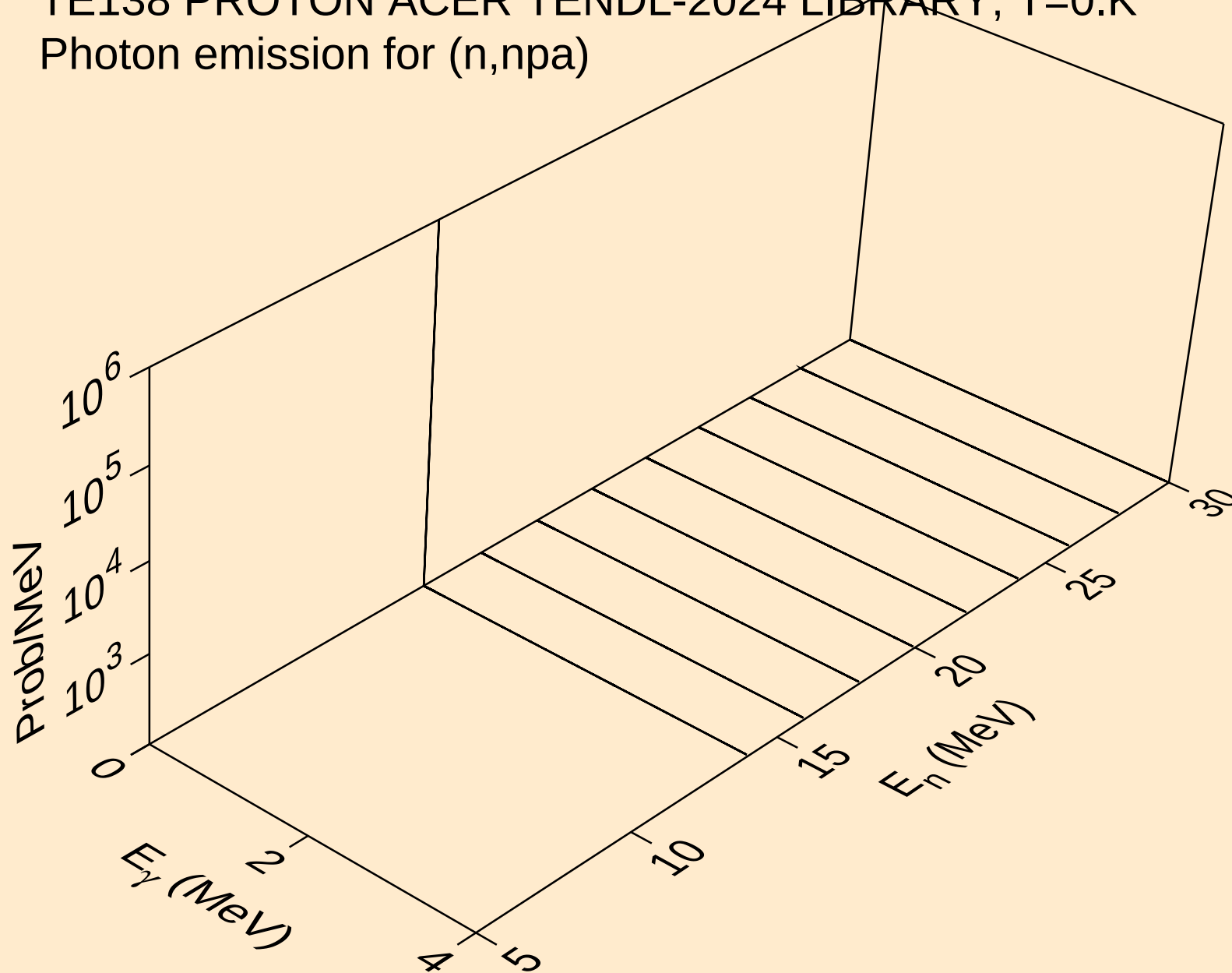
TE138 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,3np)



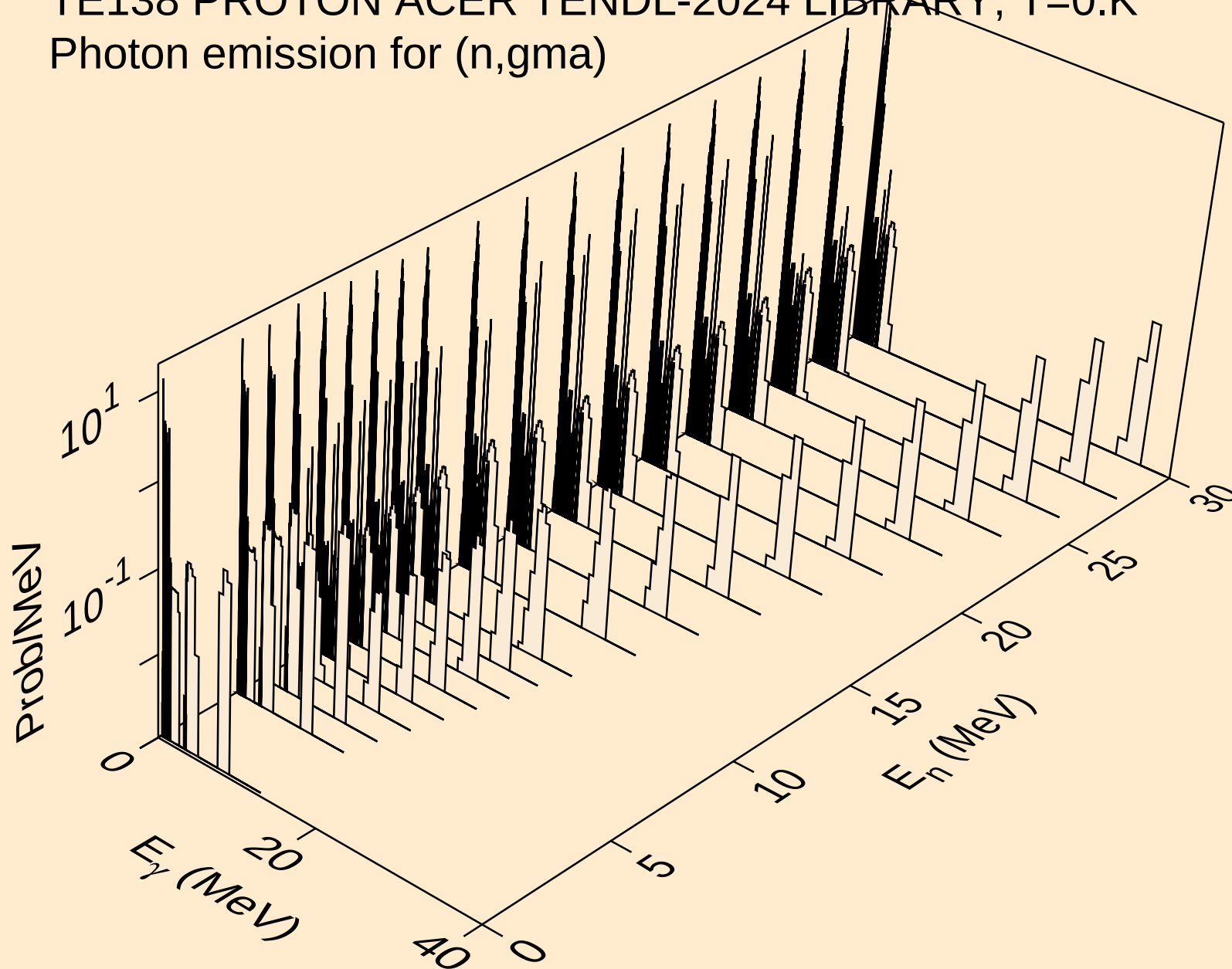
TE138 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,n2p)



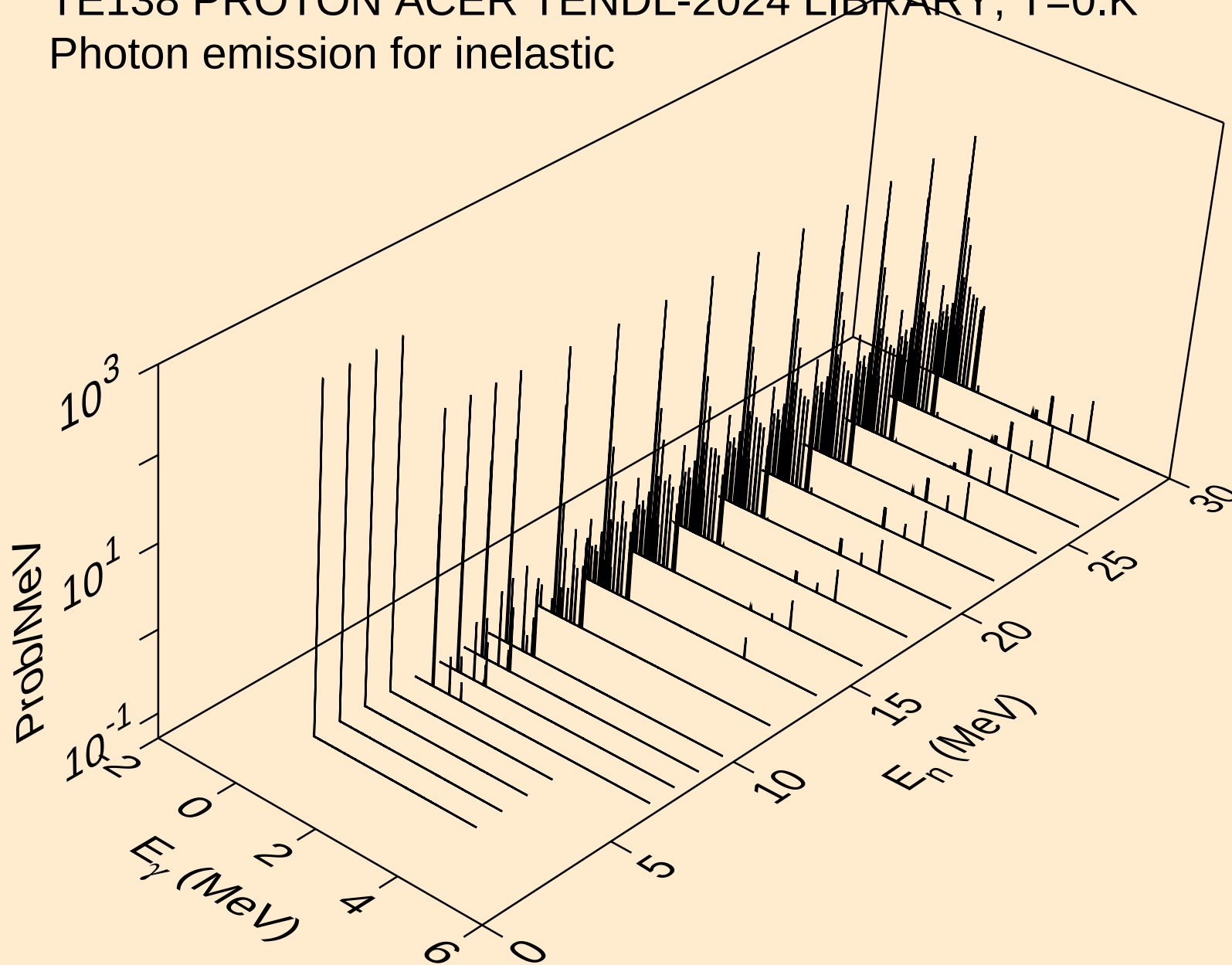
TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,npa)



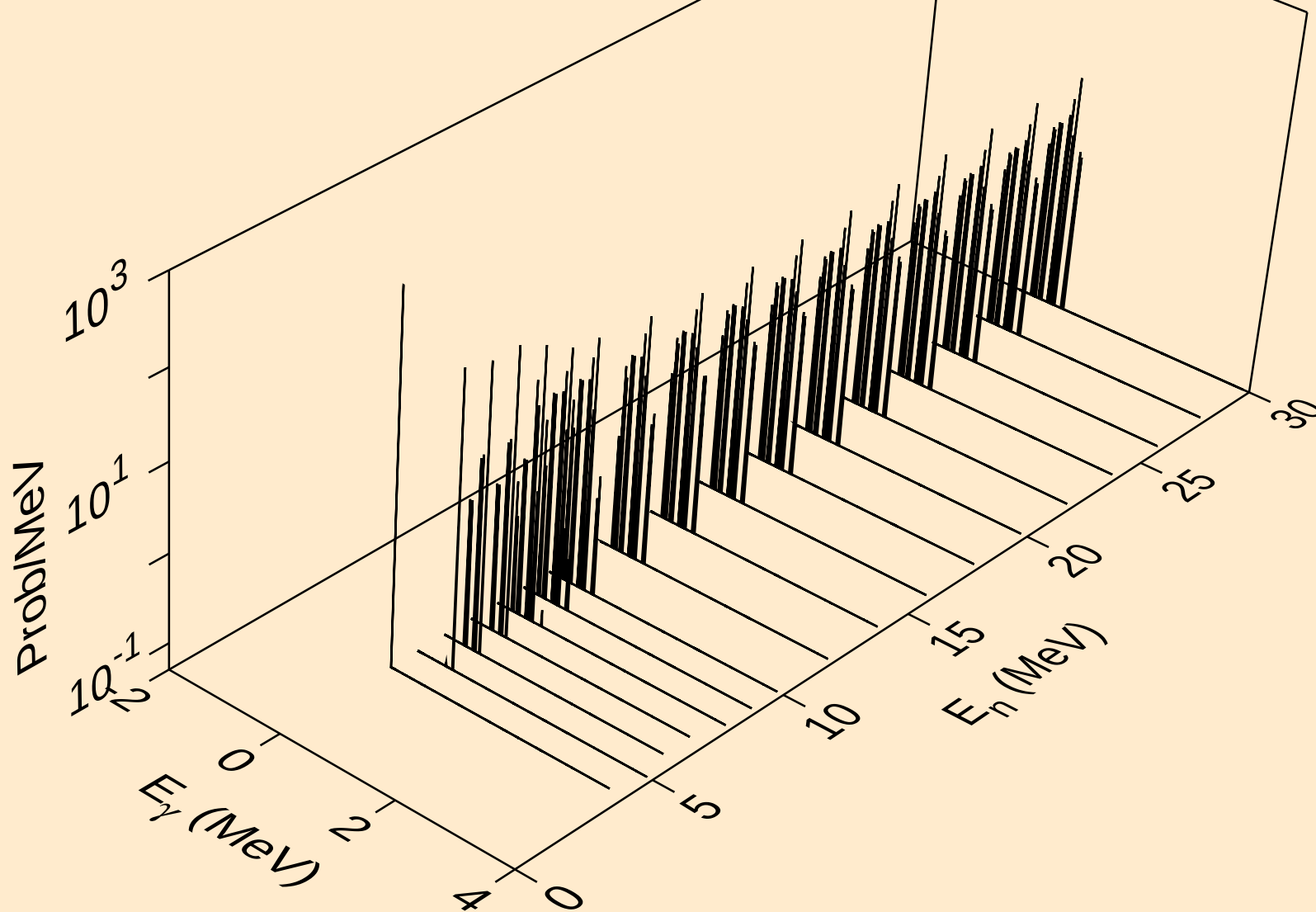
TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,gma)



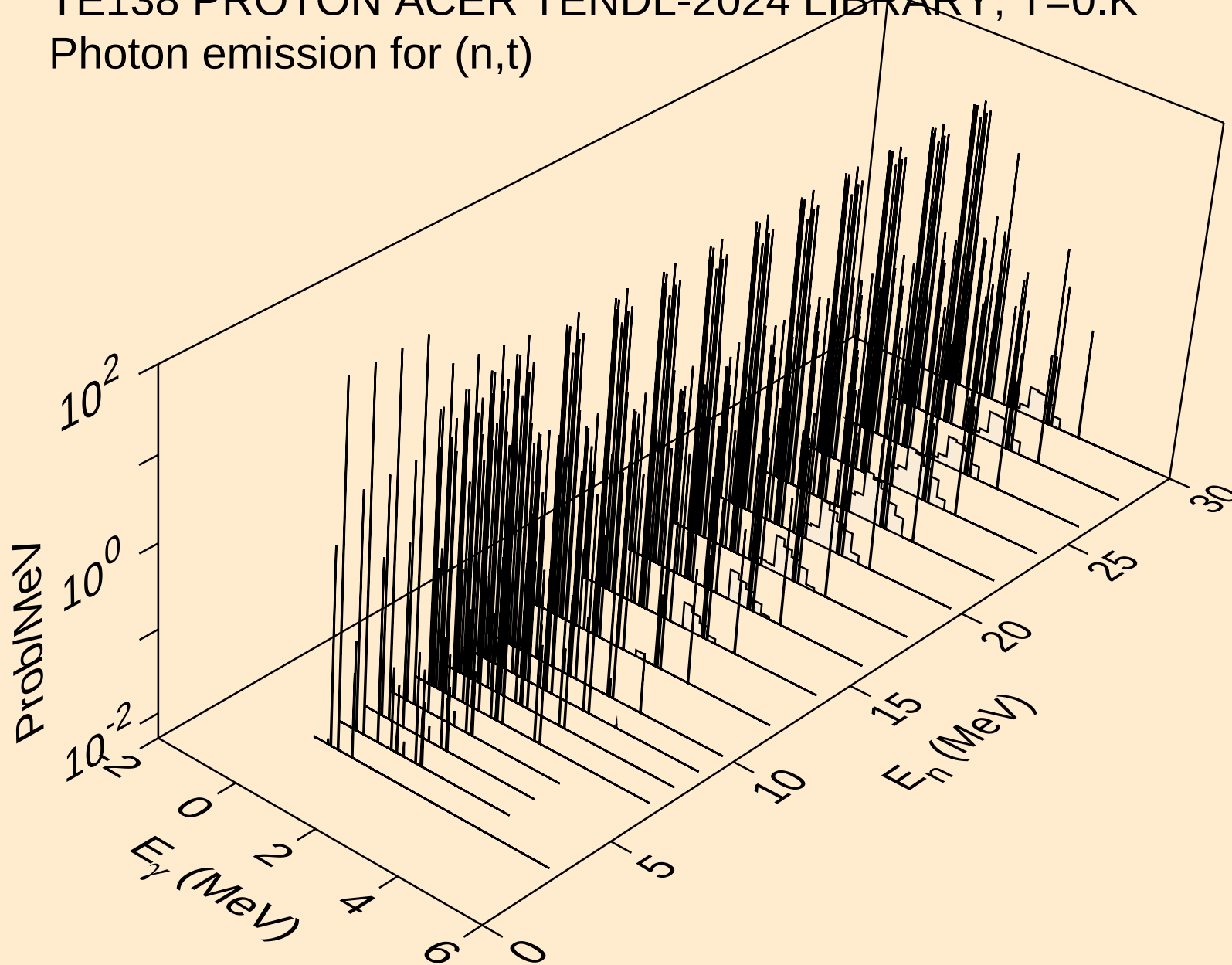
TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for inelastic



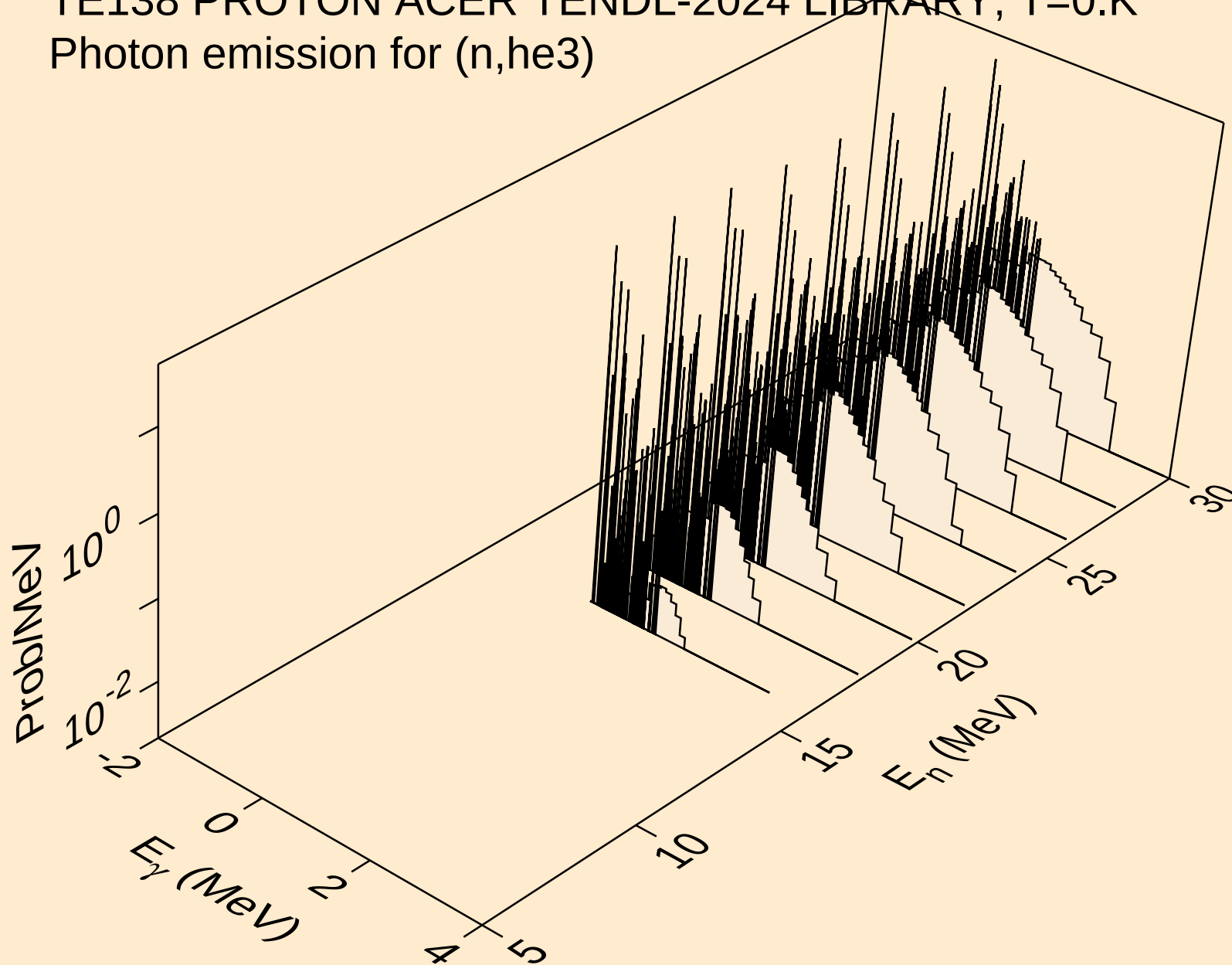
TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,d)



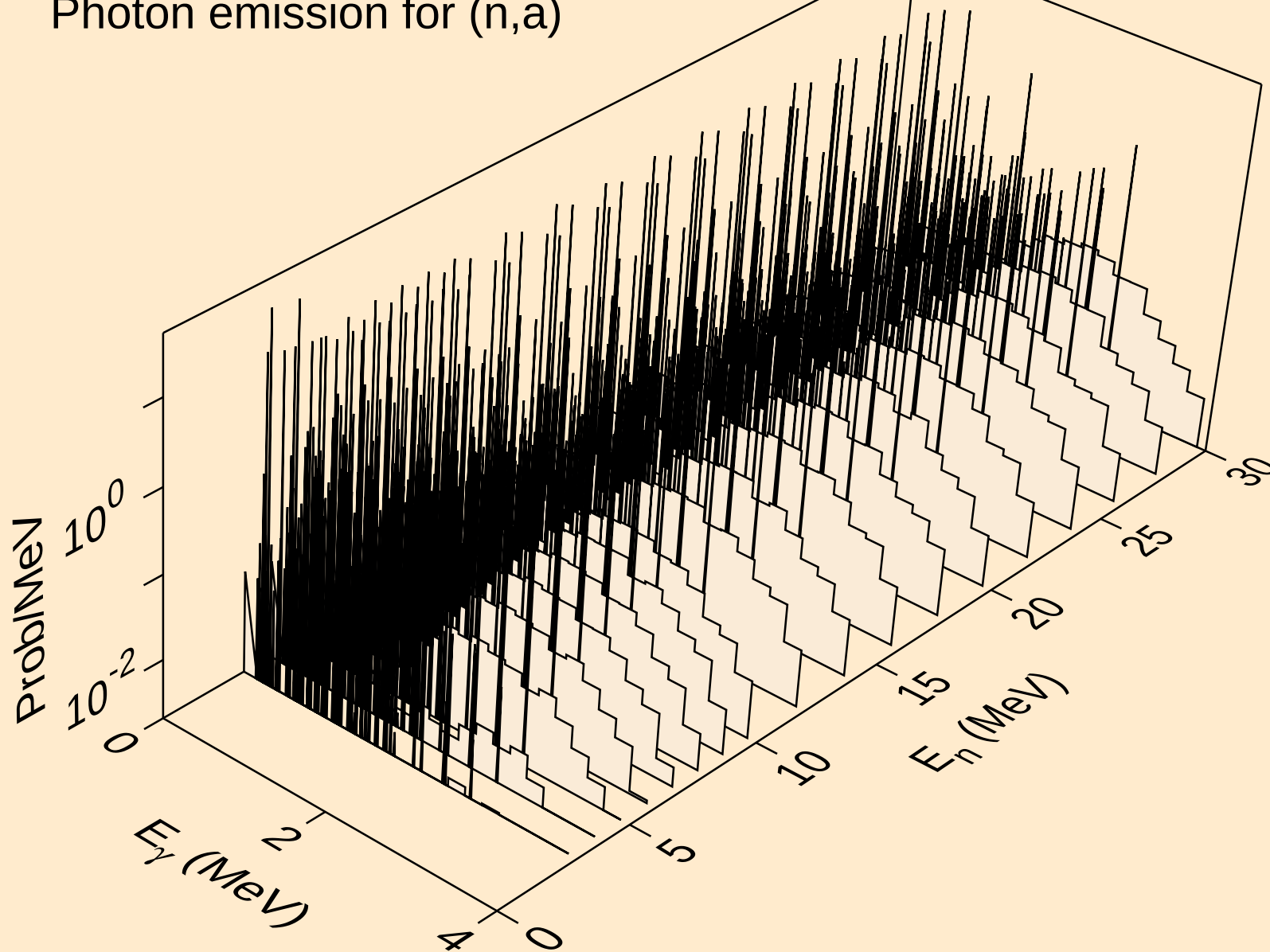
TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,t)



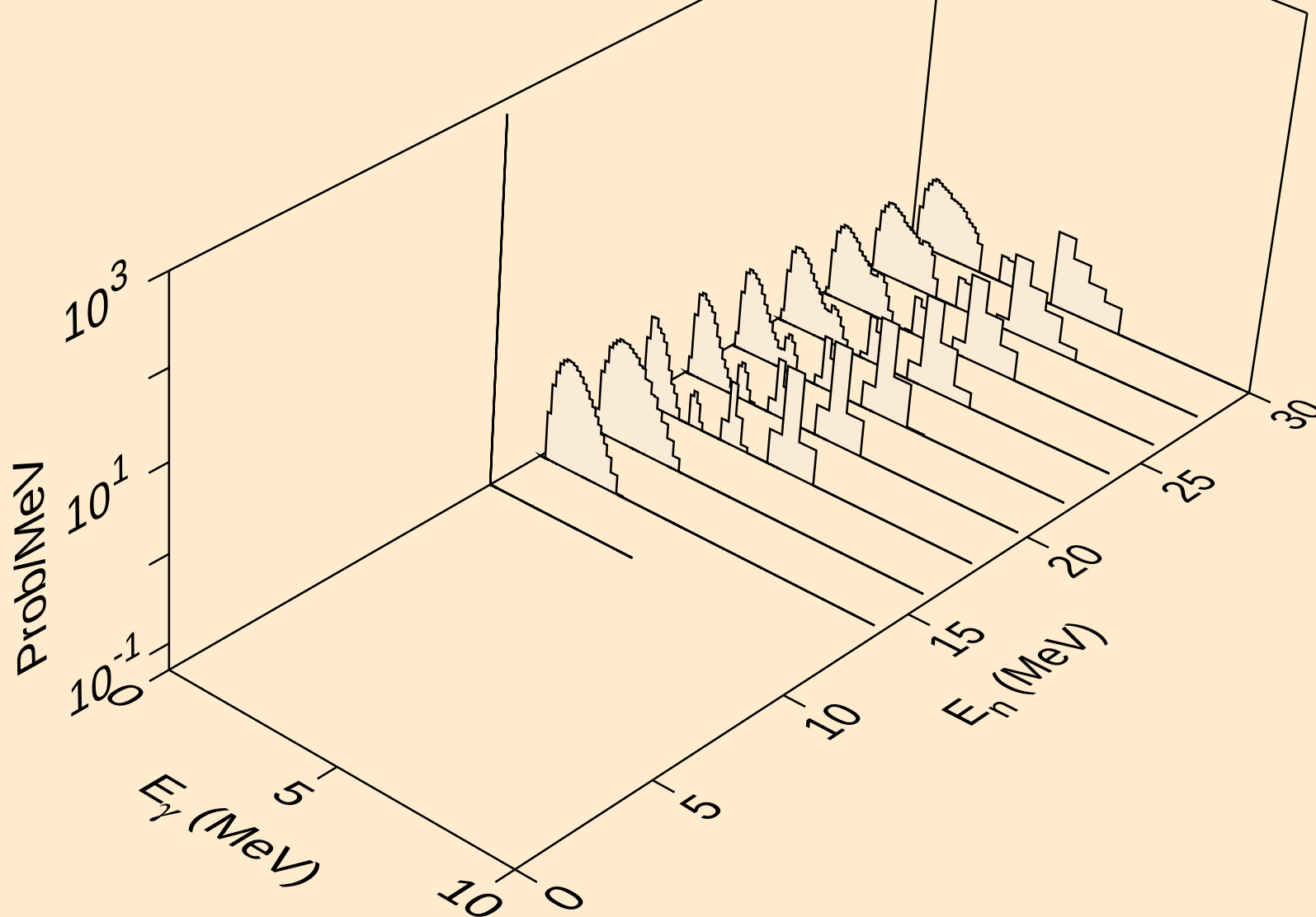
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Photon emission for (n,he3)



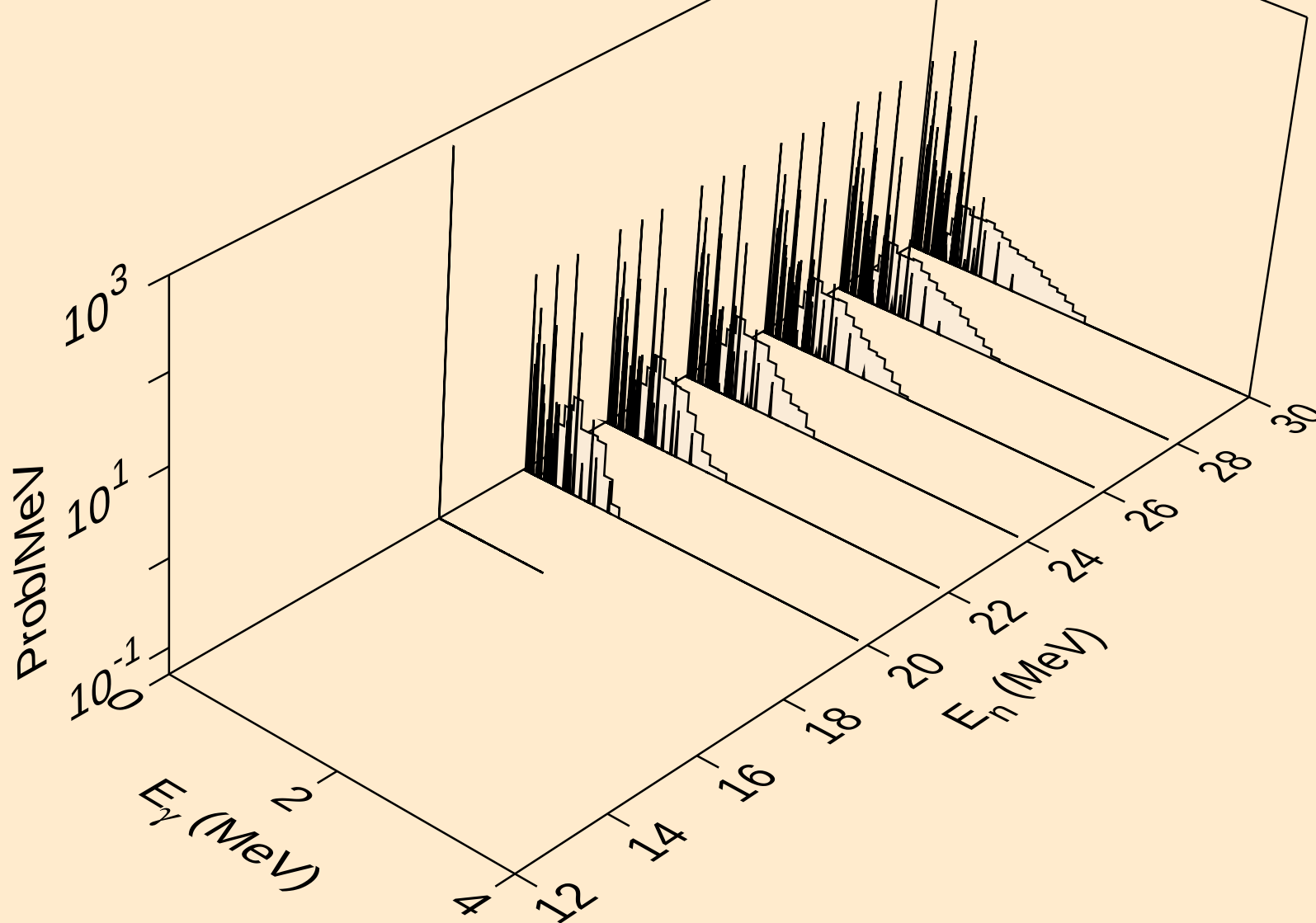
TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,a)



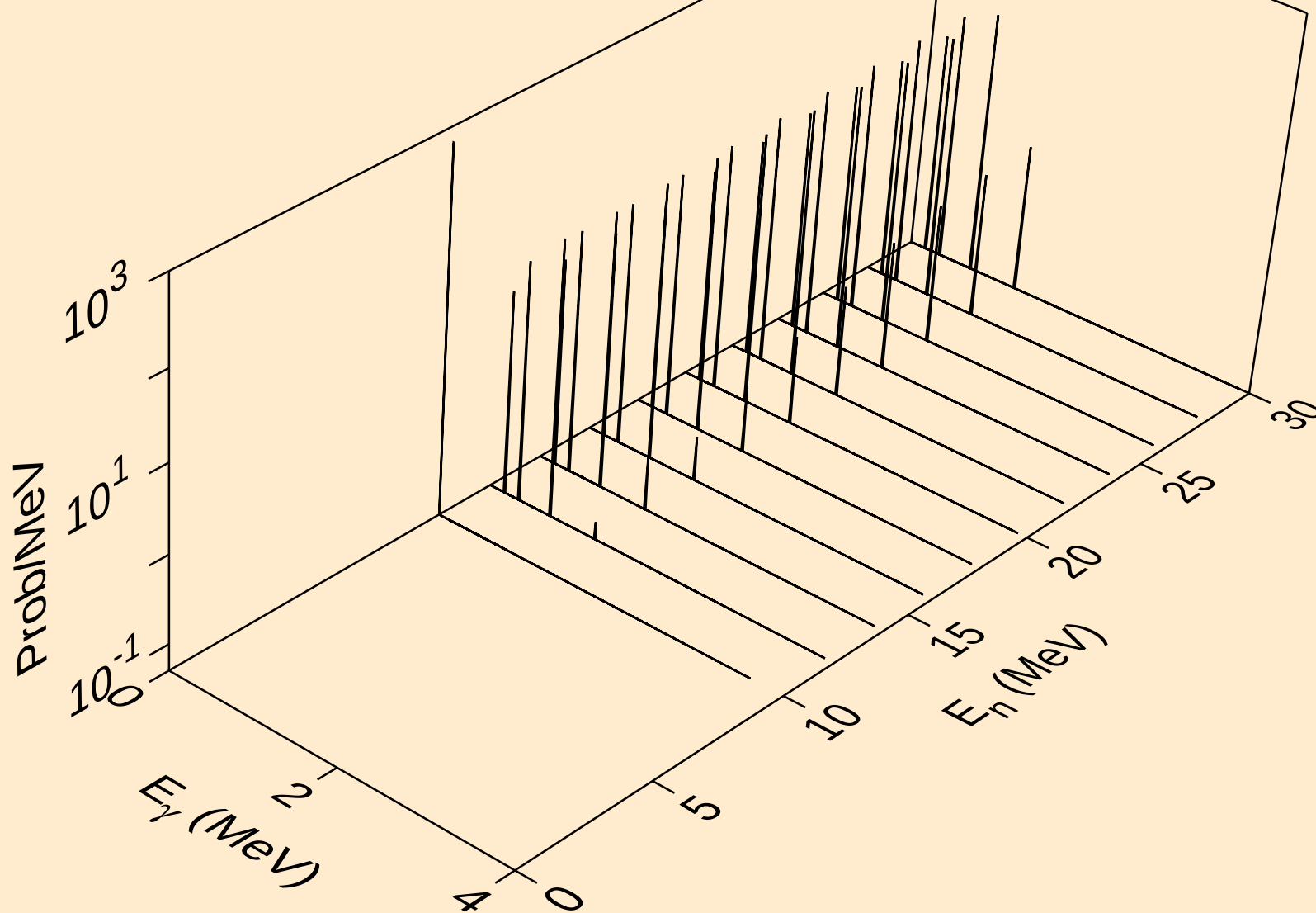
TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2a)



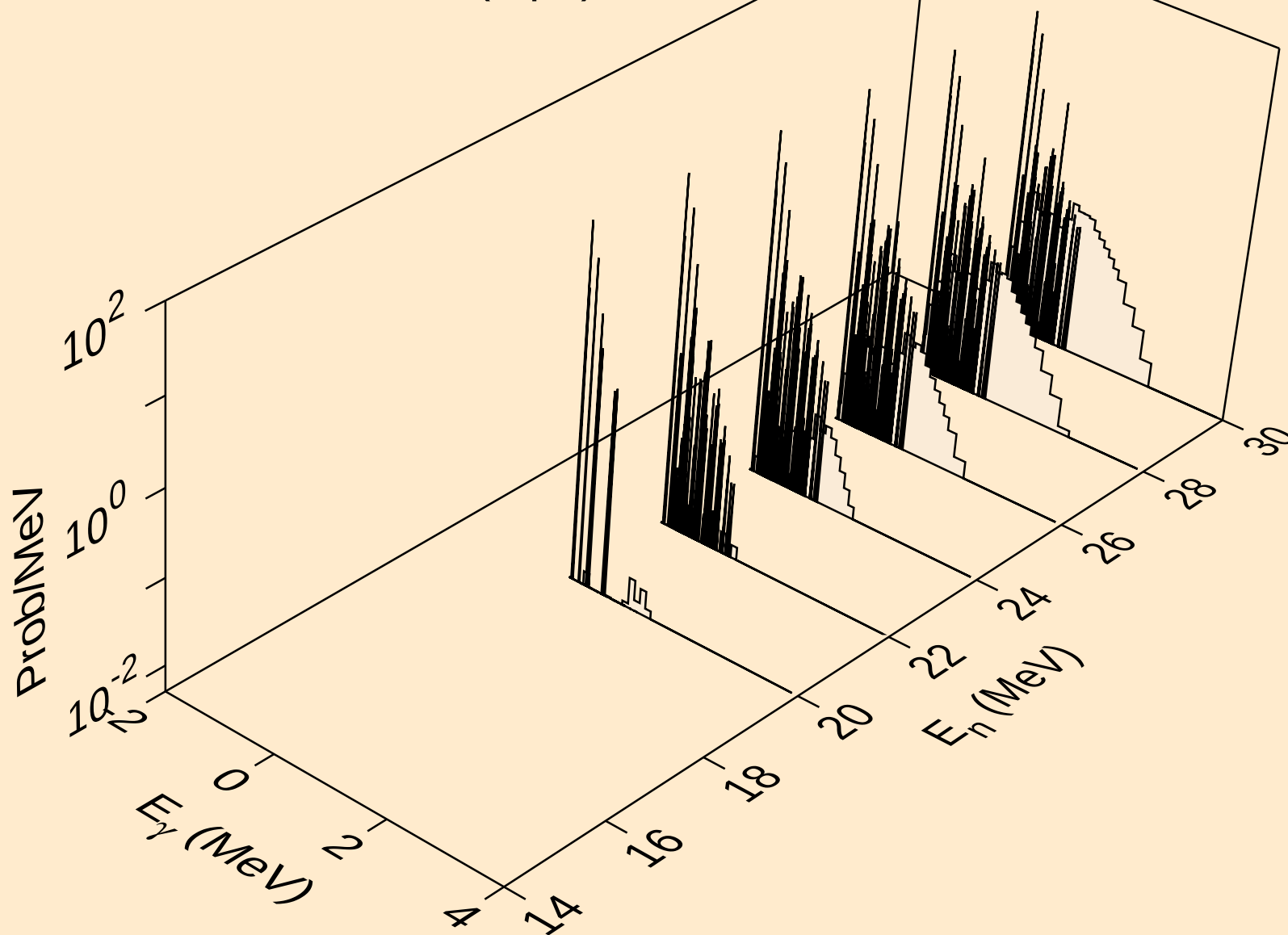
TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2p)



TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pa)

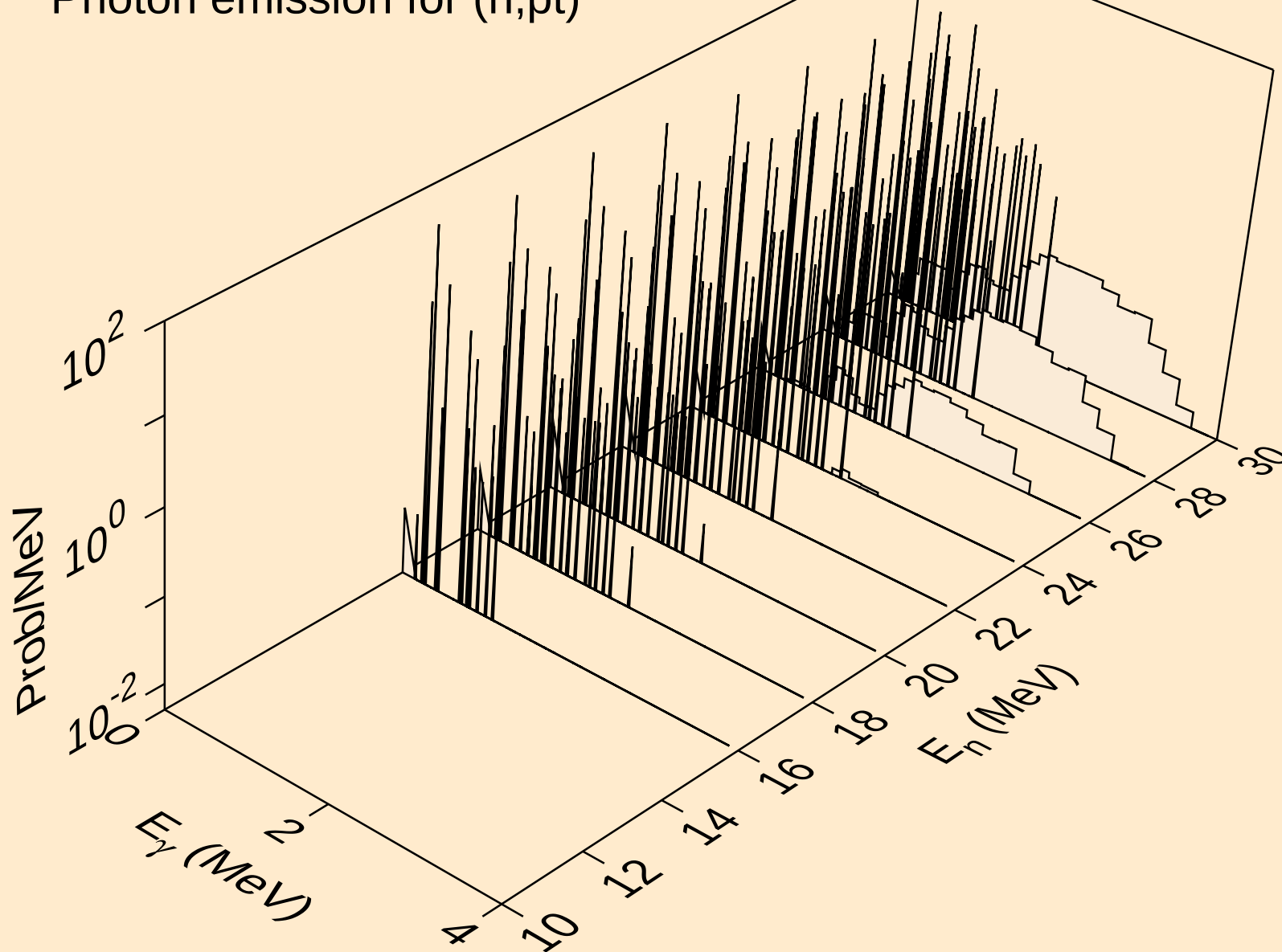


TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pd)

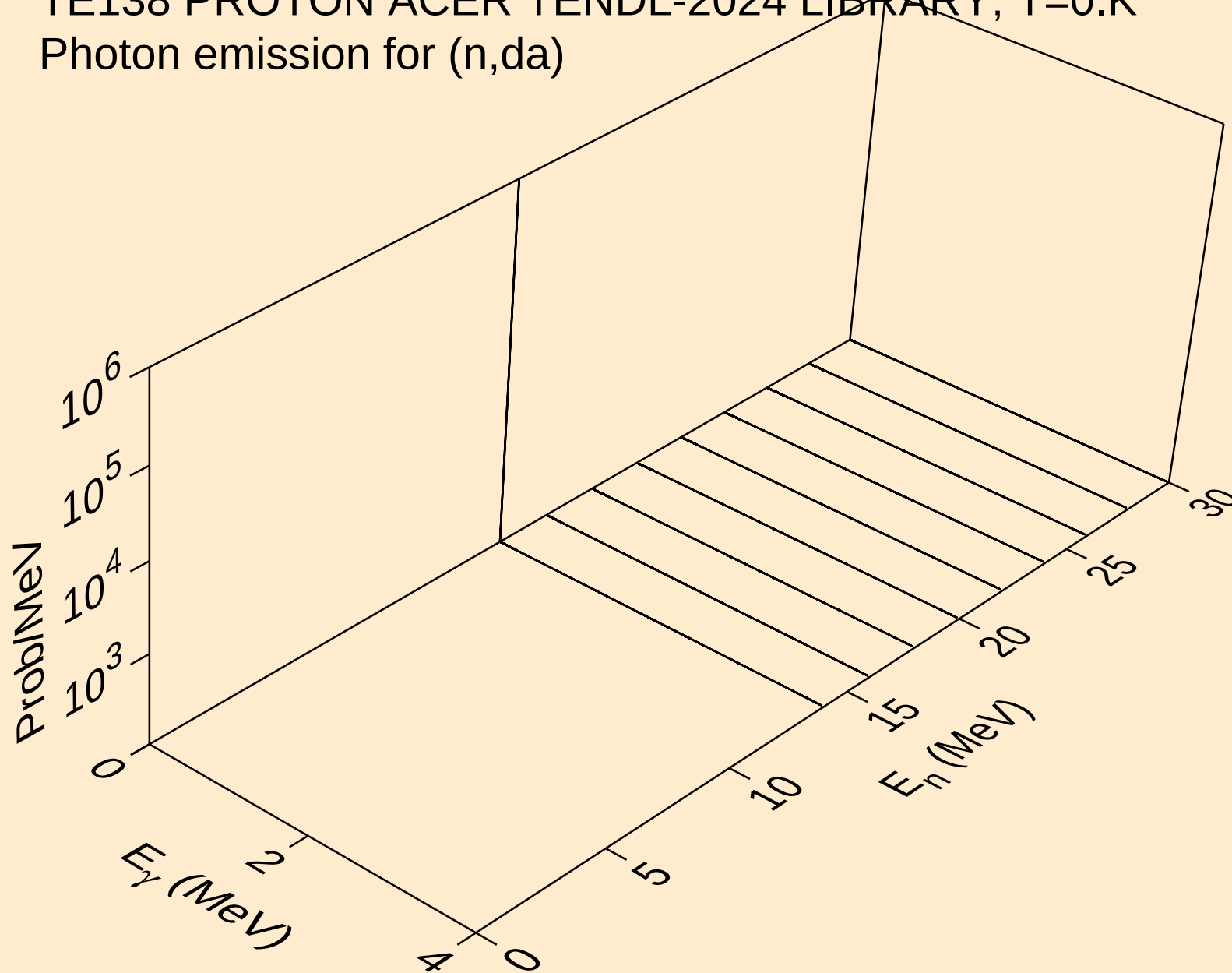


TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,pt)

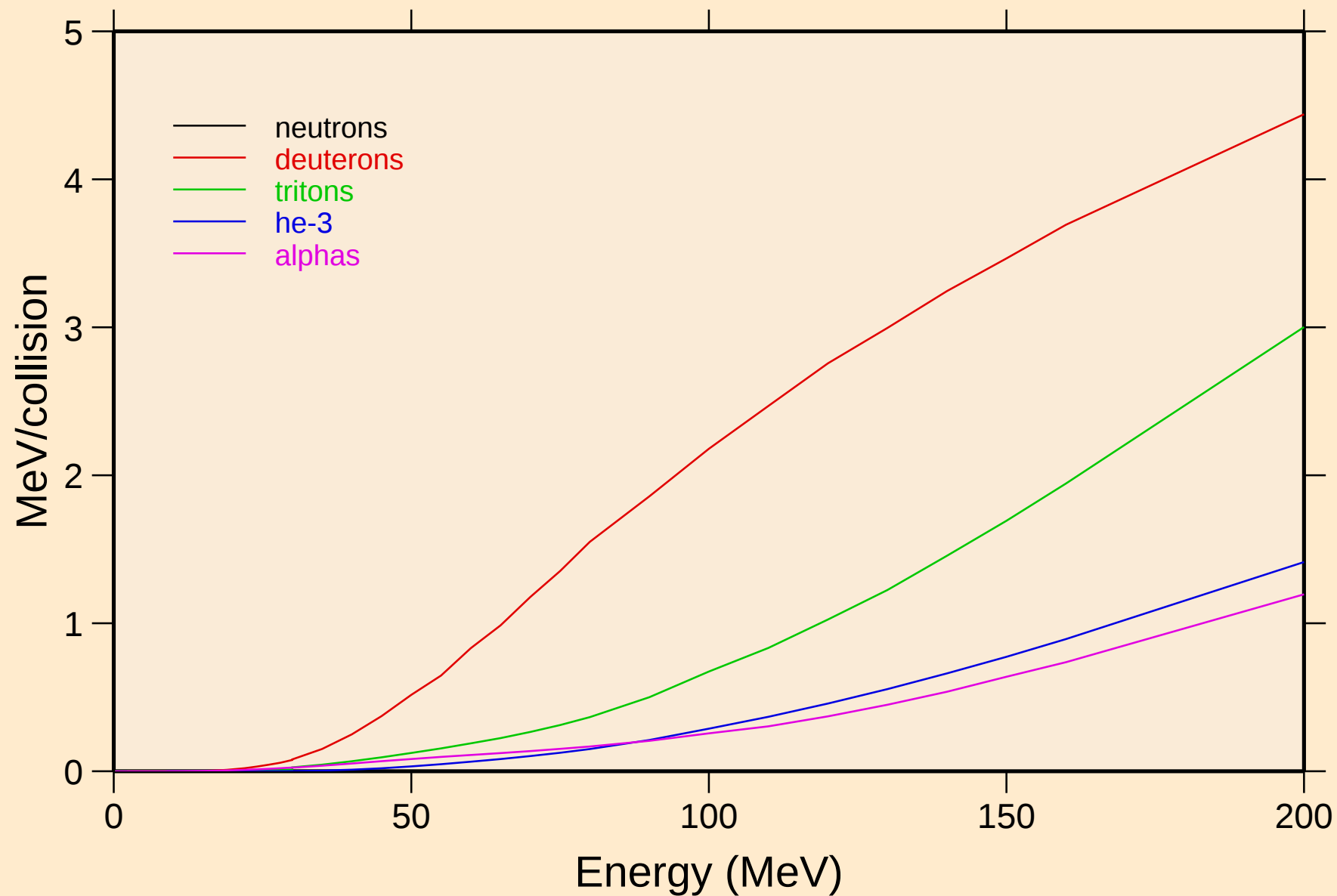


TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,da)



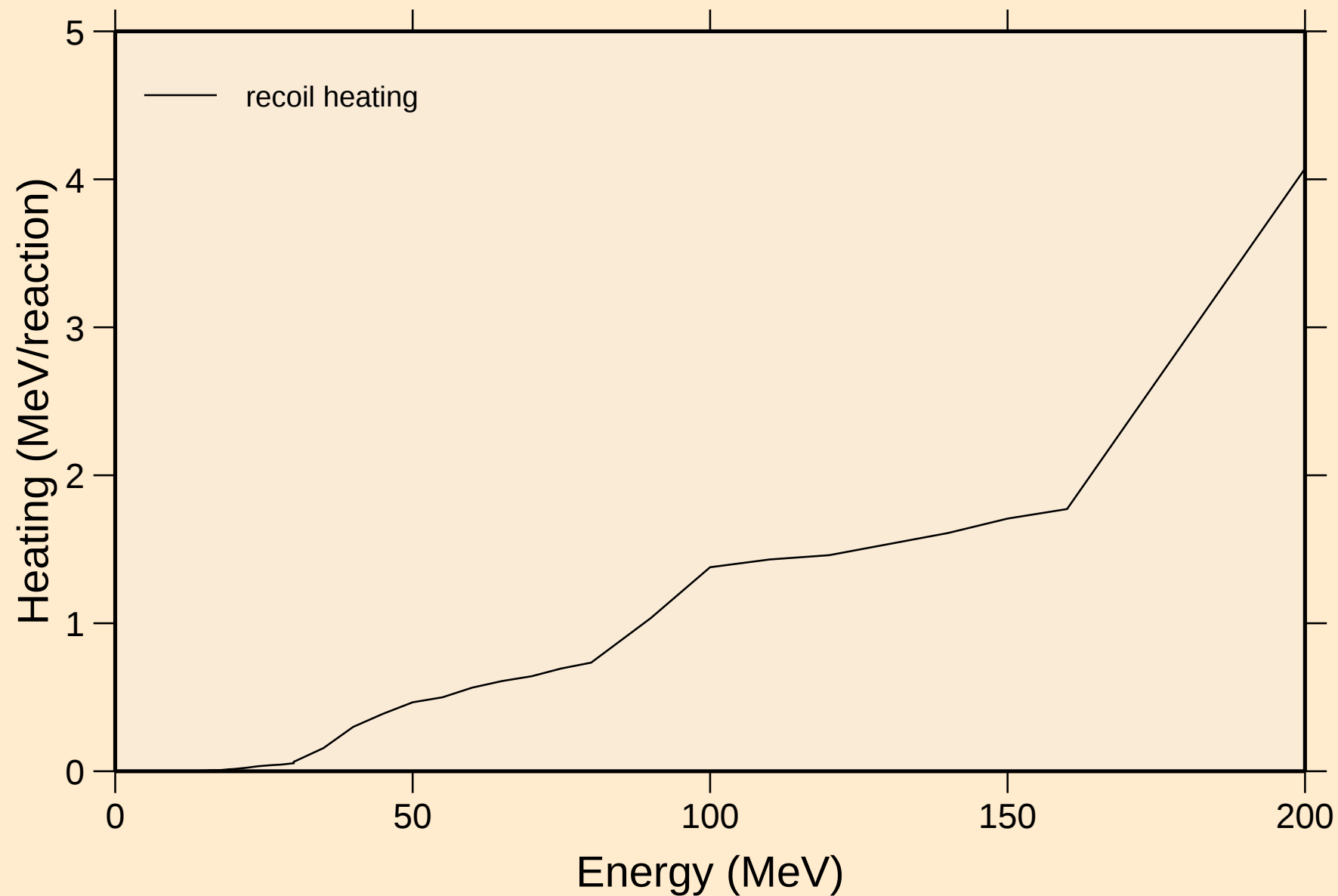
TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Particle heating contributions



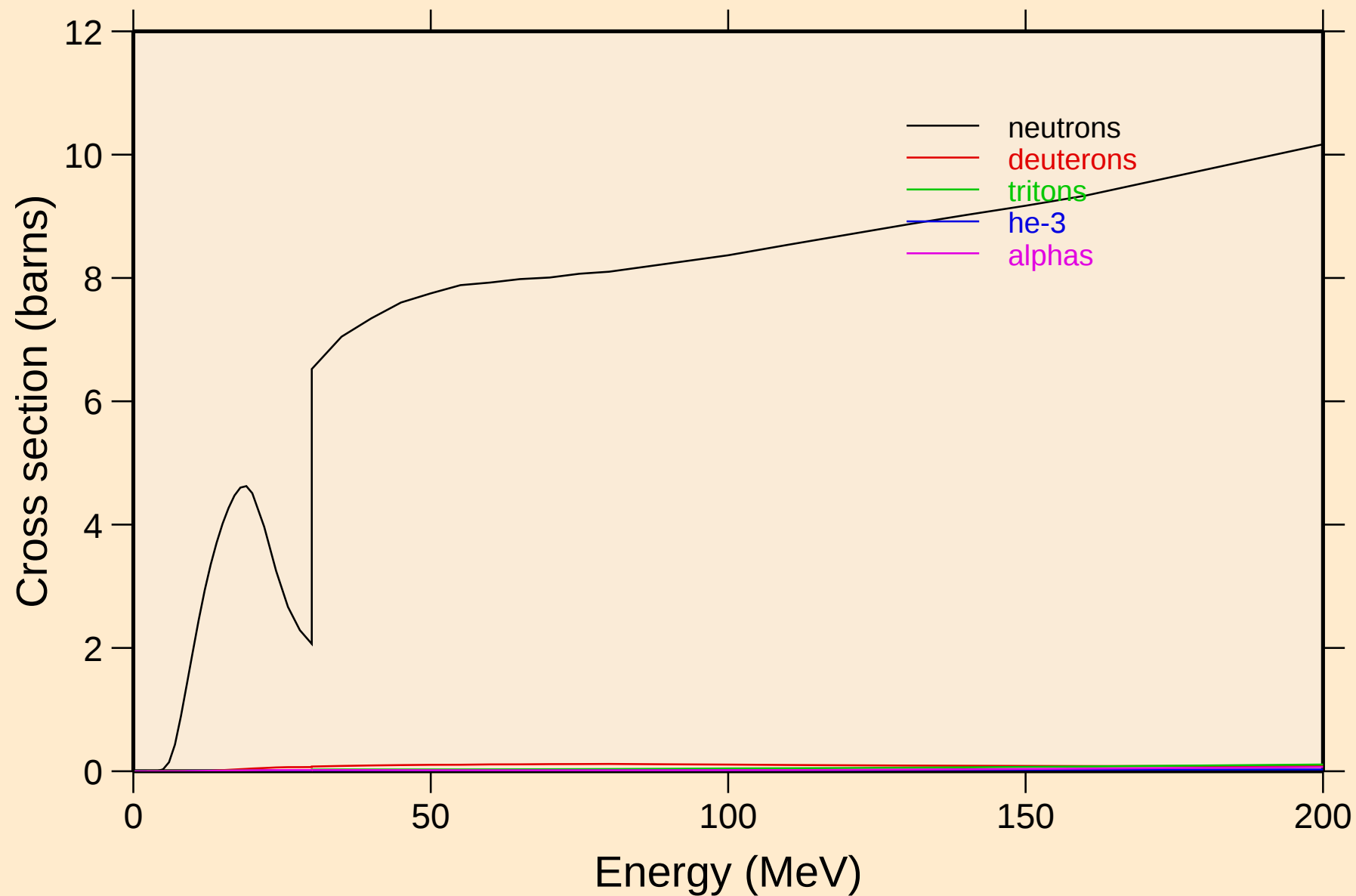
TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Recoil Heating

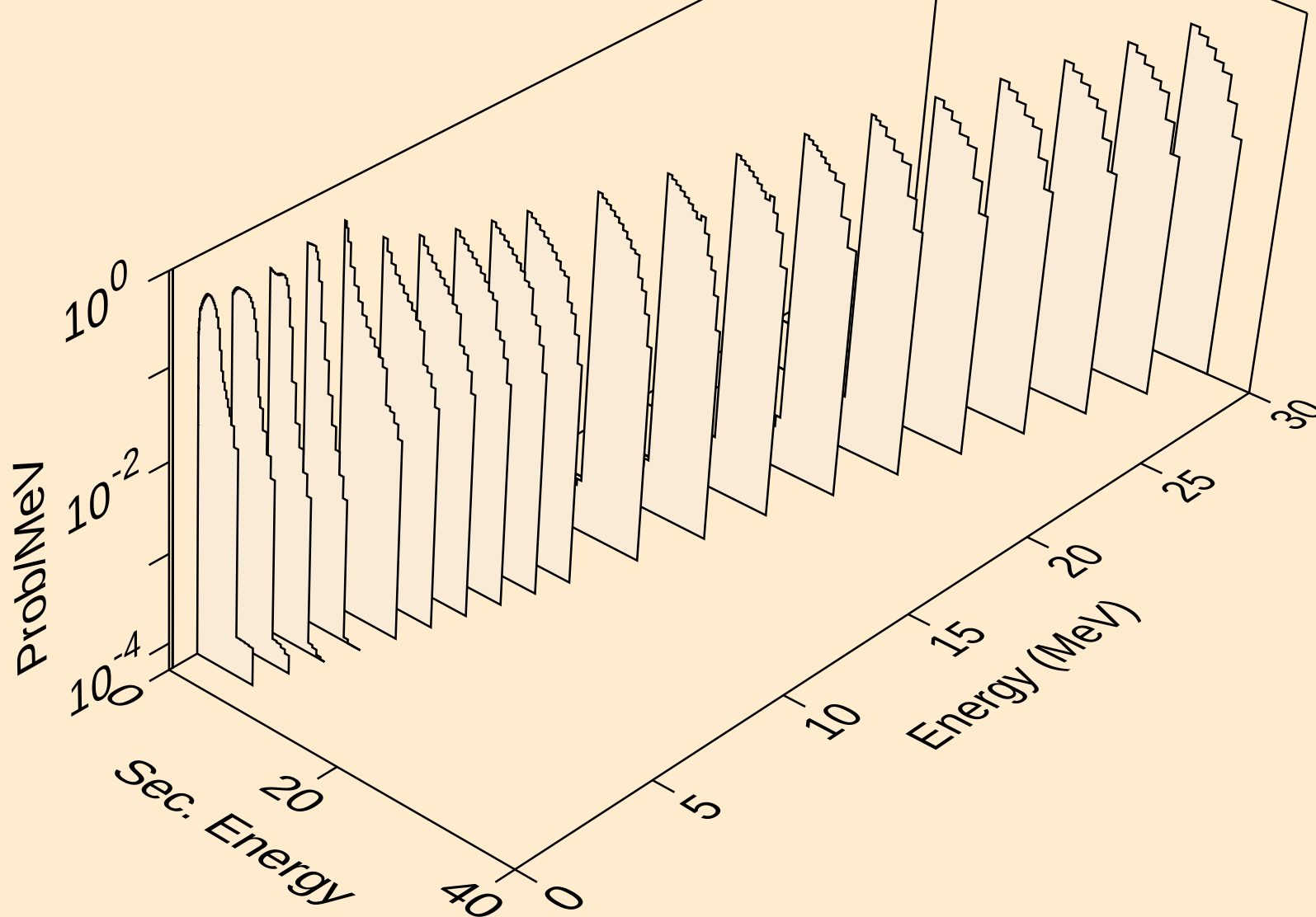


TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K

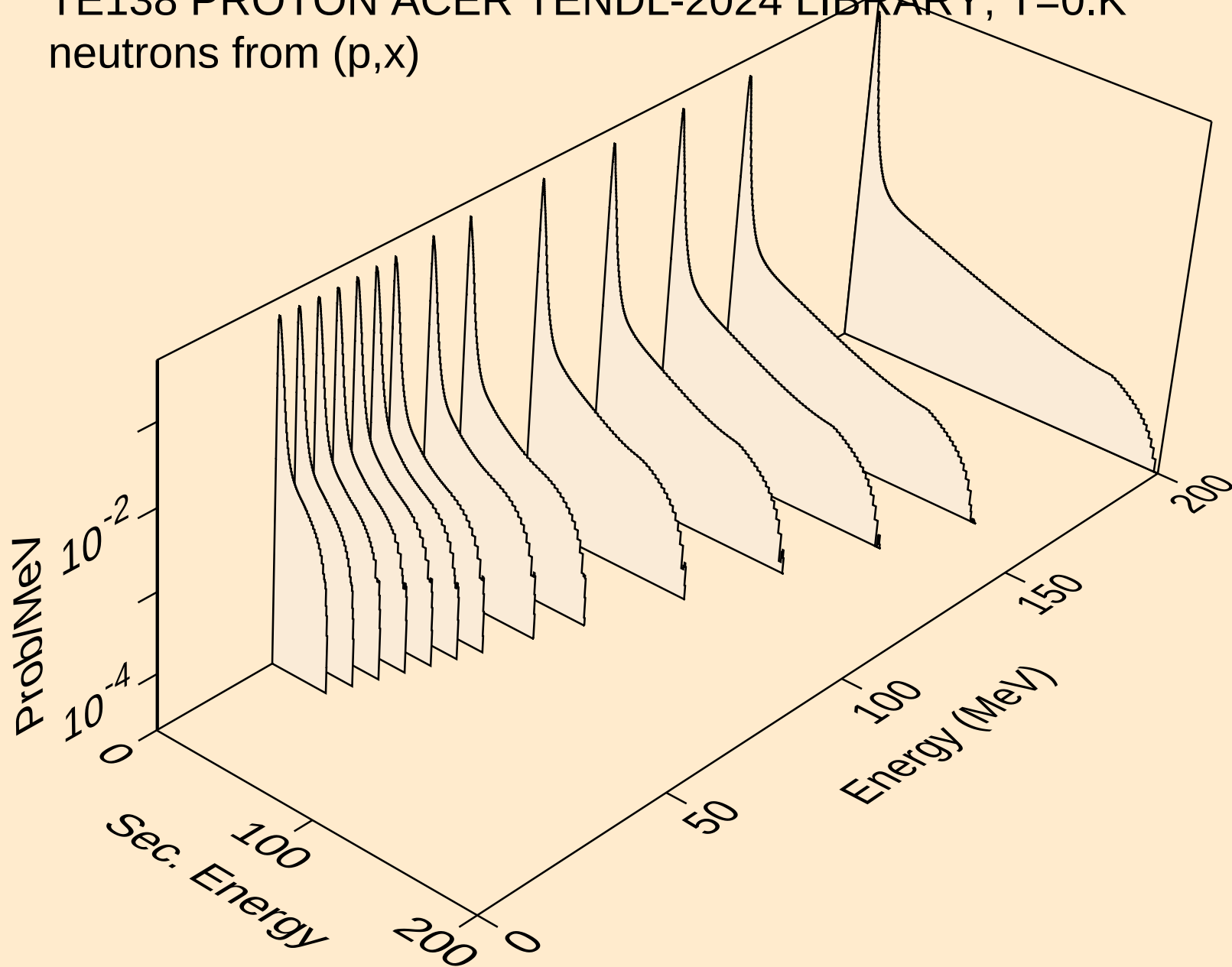
Particle production cross sections



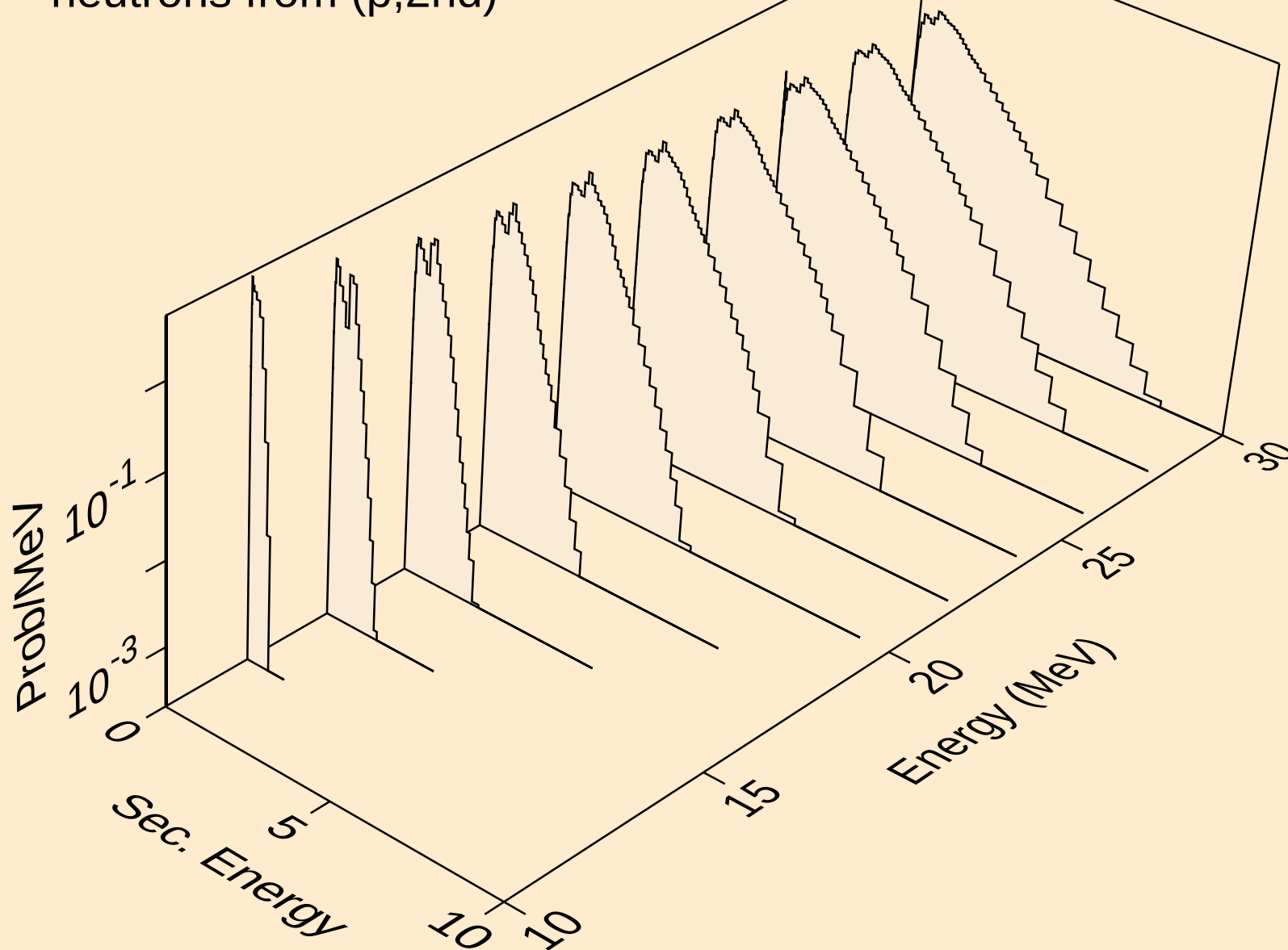
TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n)



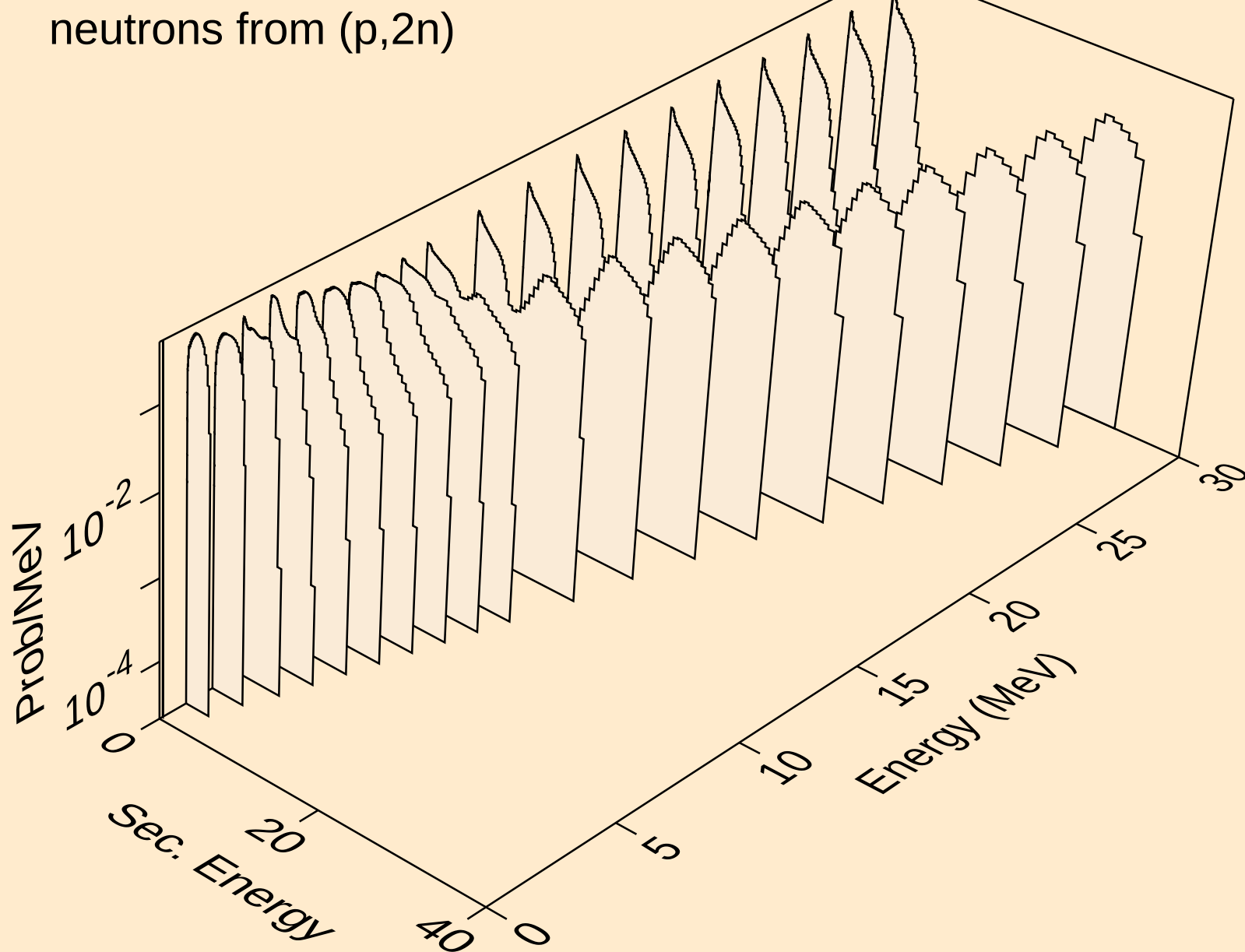
TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,x)



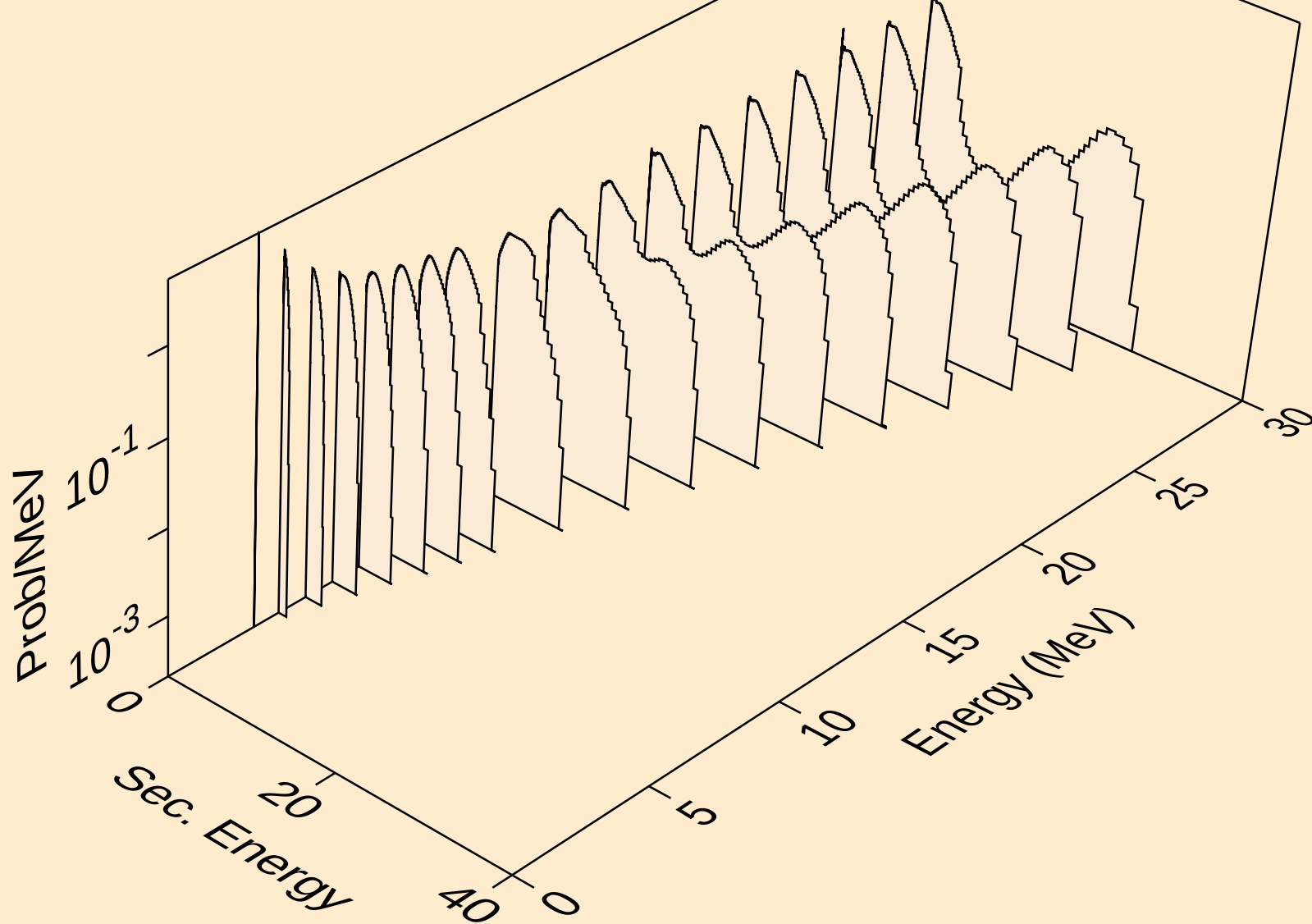
TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,2nd)



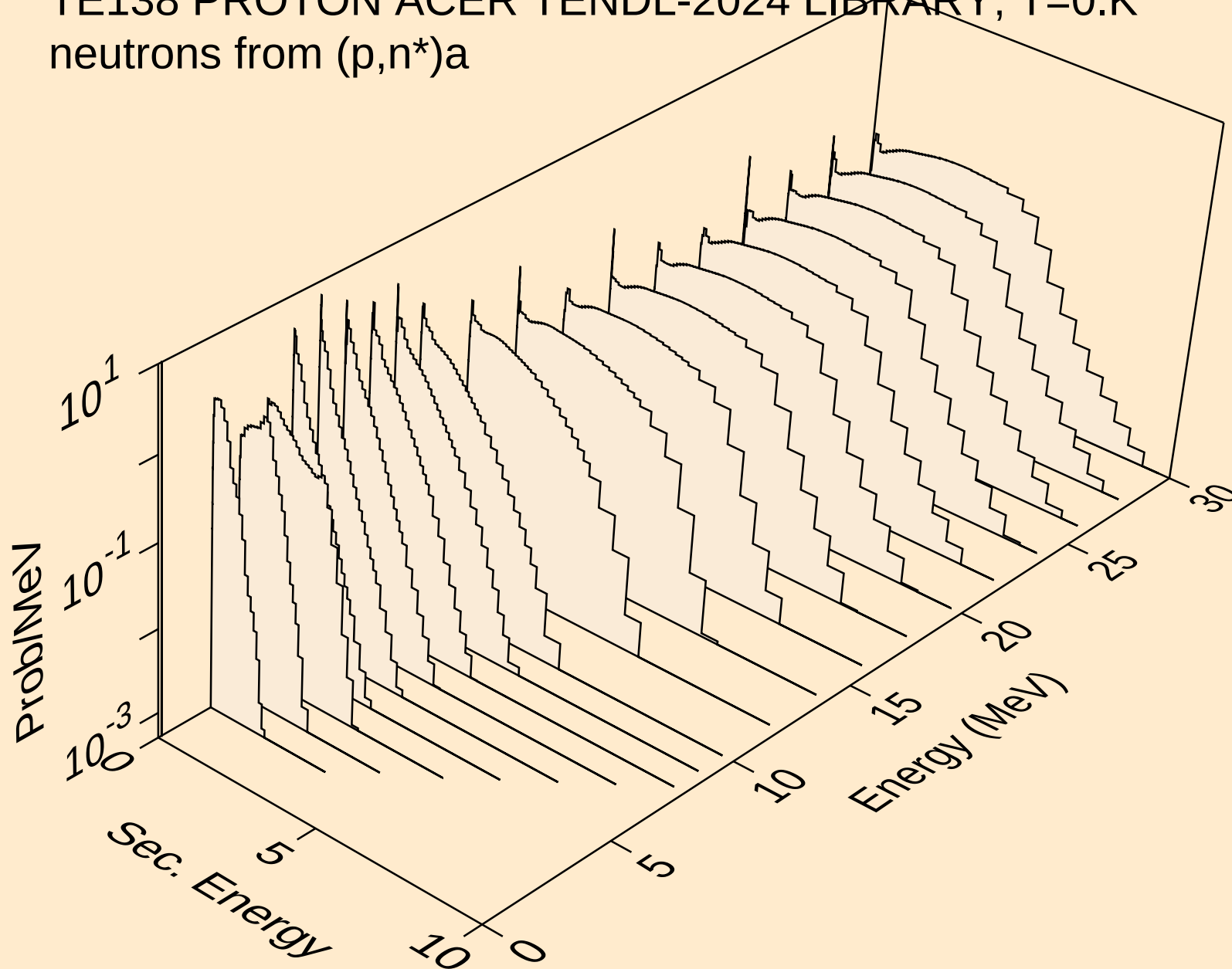
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neutrons from (p,2n)



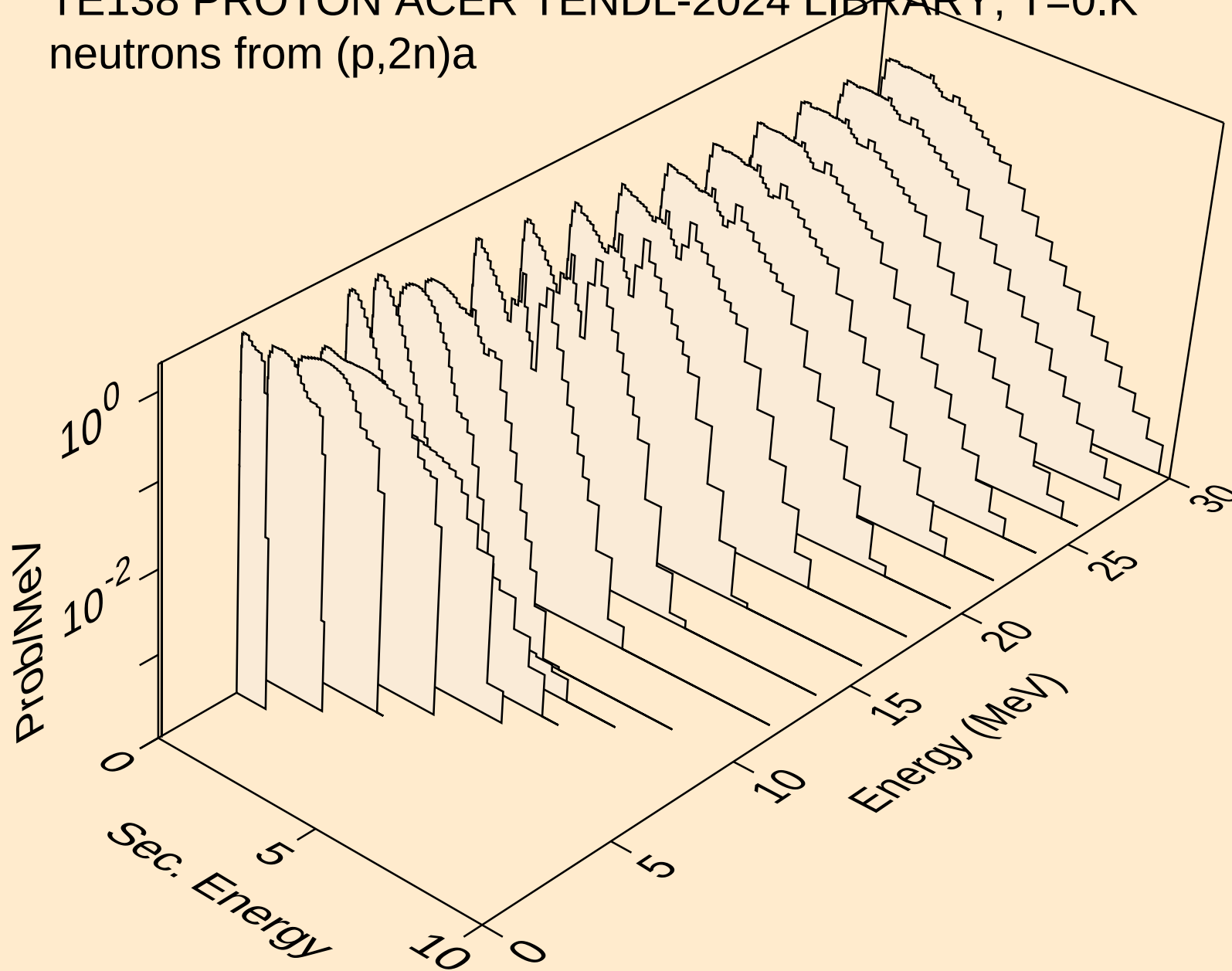
TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,3n)



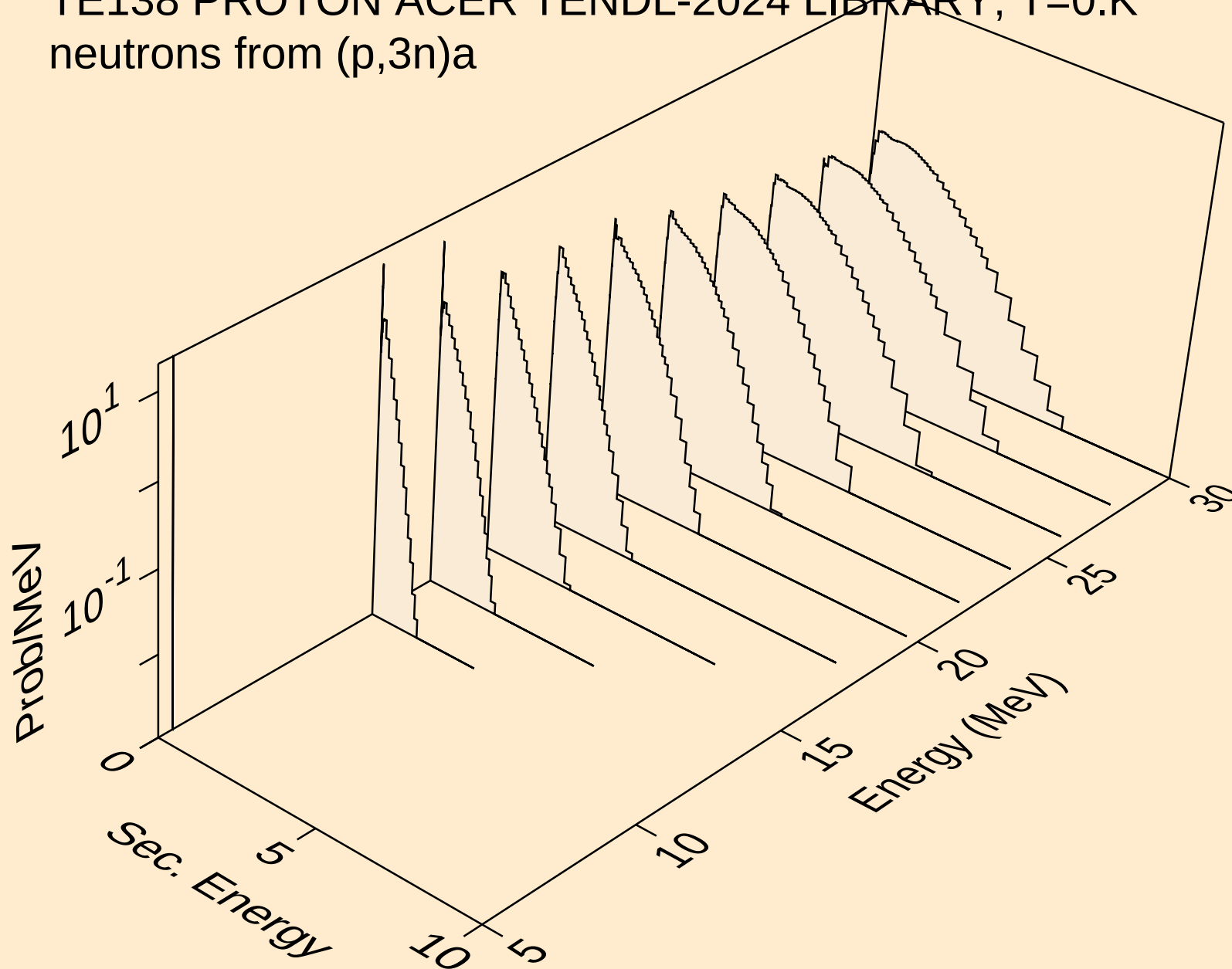
TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n*)a



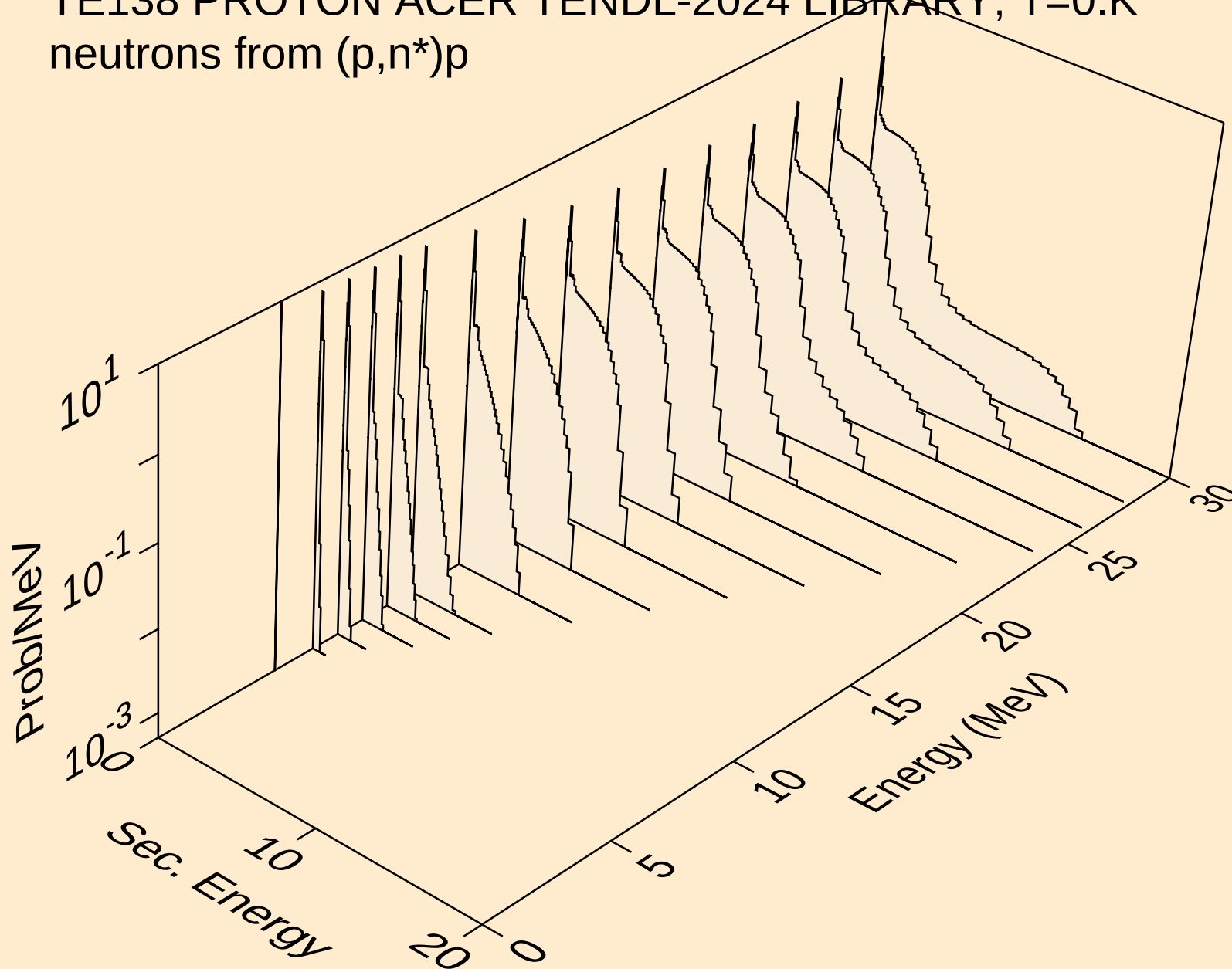
TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,2n)a



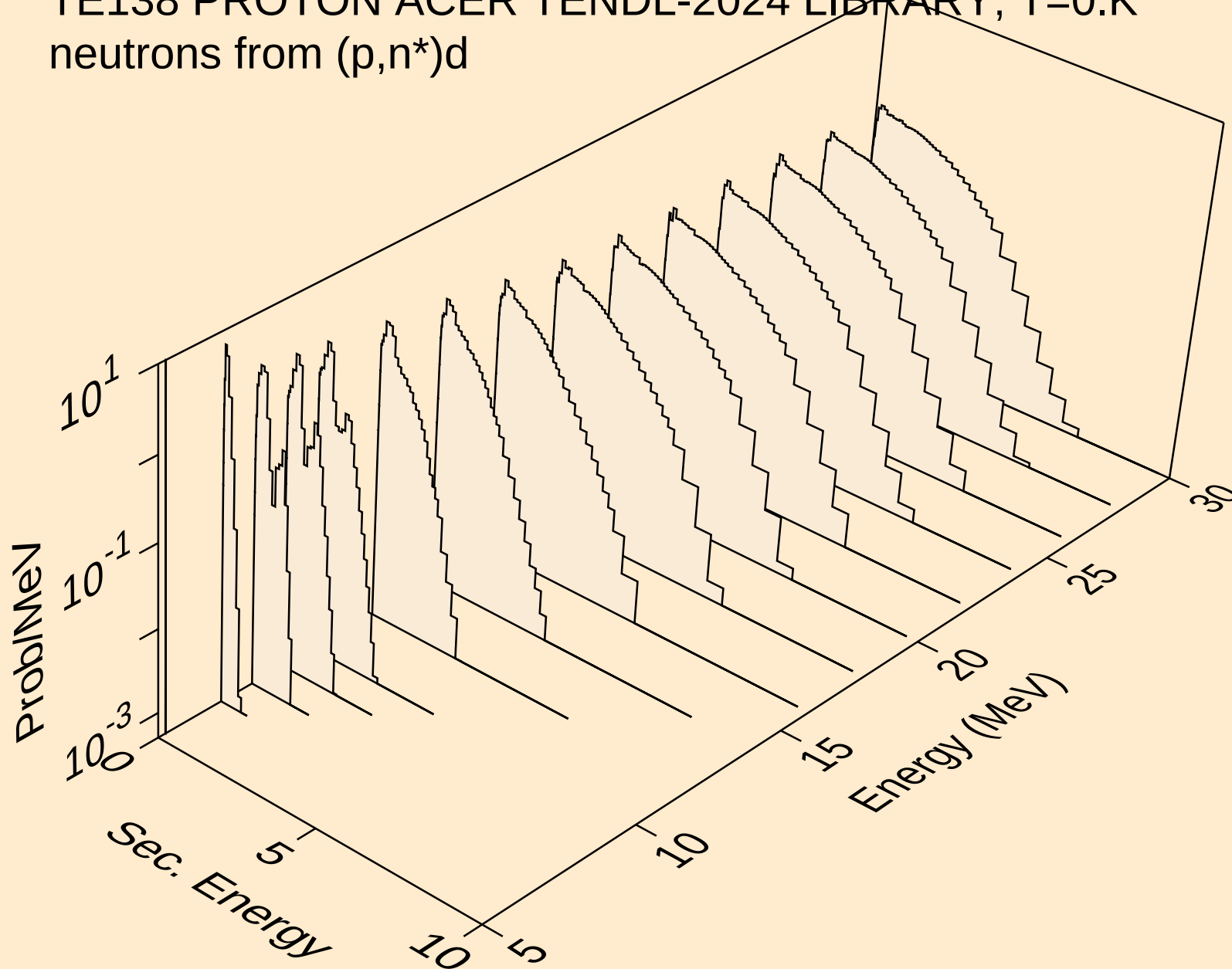
TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,3n)a



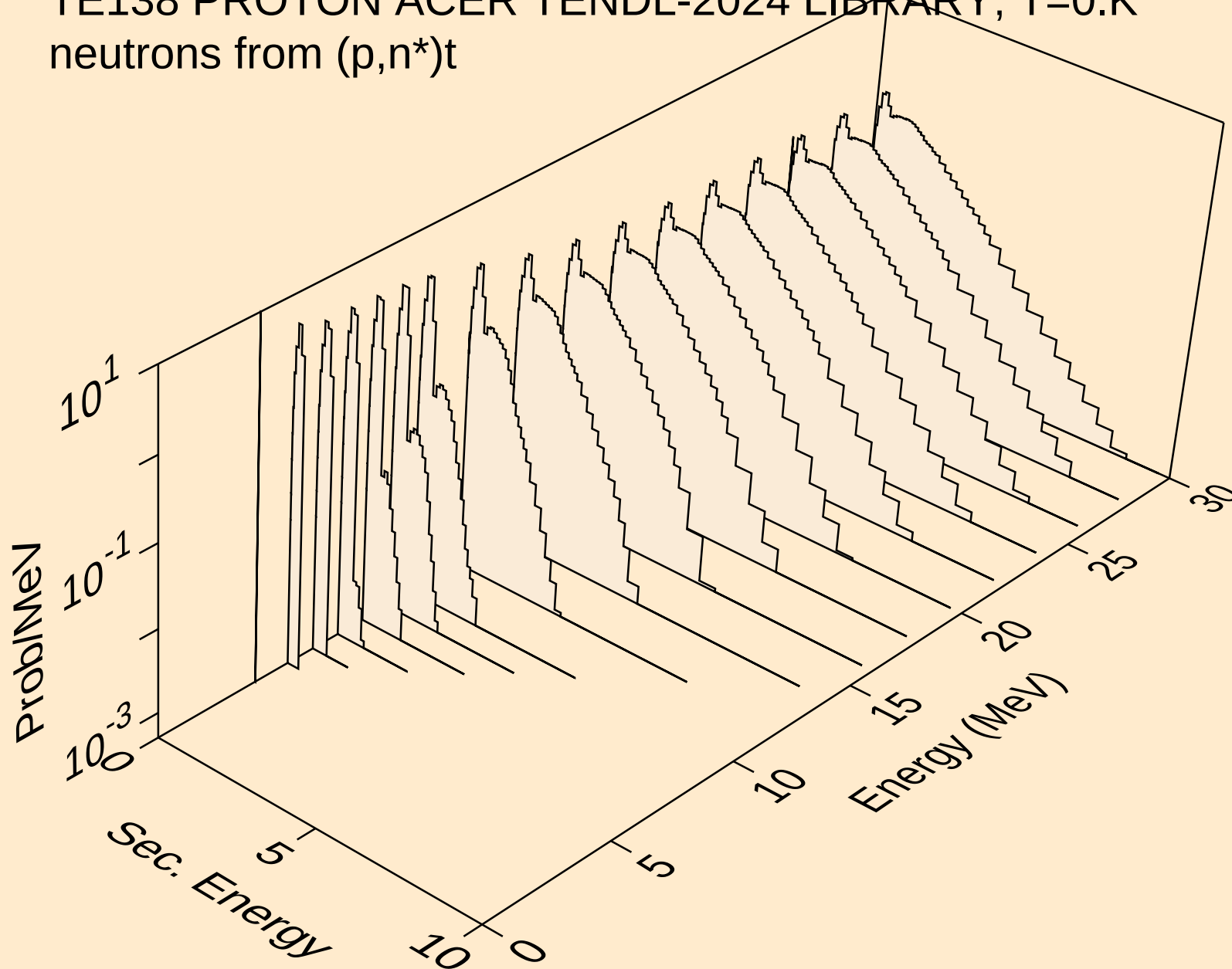
TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n*)p



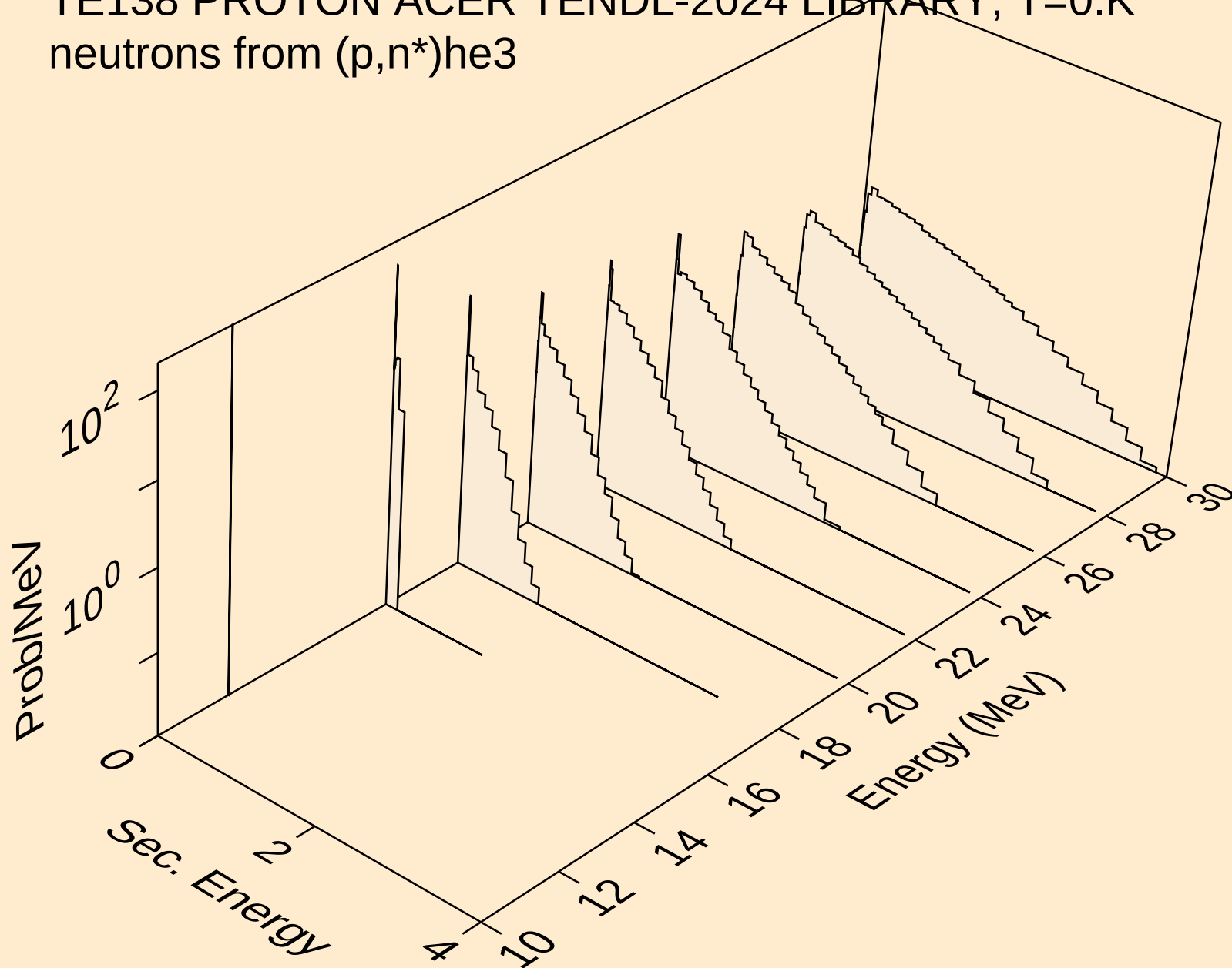
TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n*)d



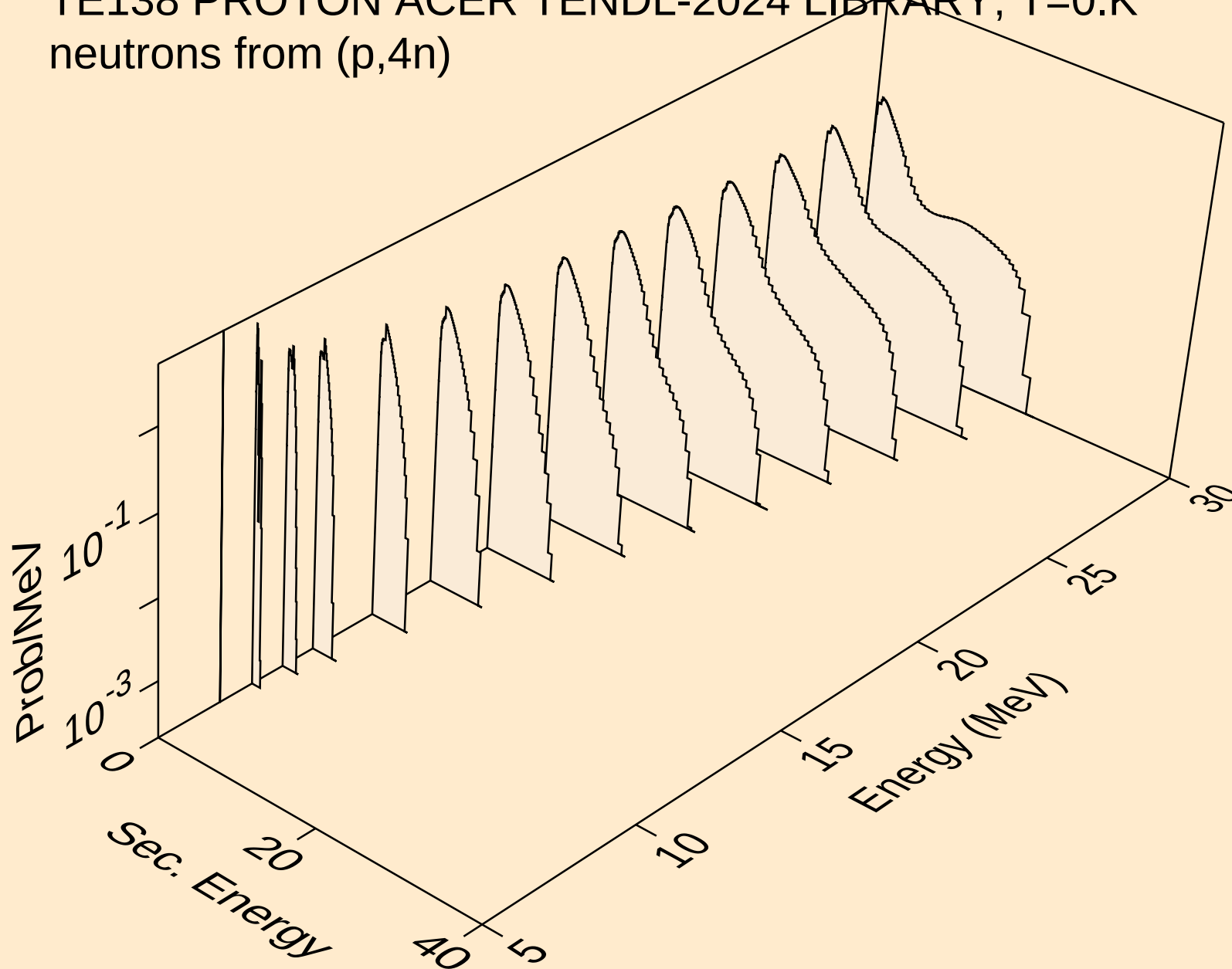
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neutrons from (p,n*)t



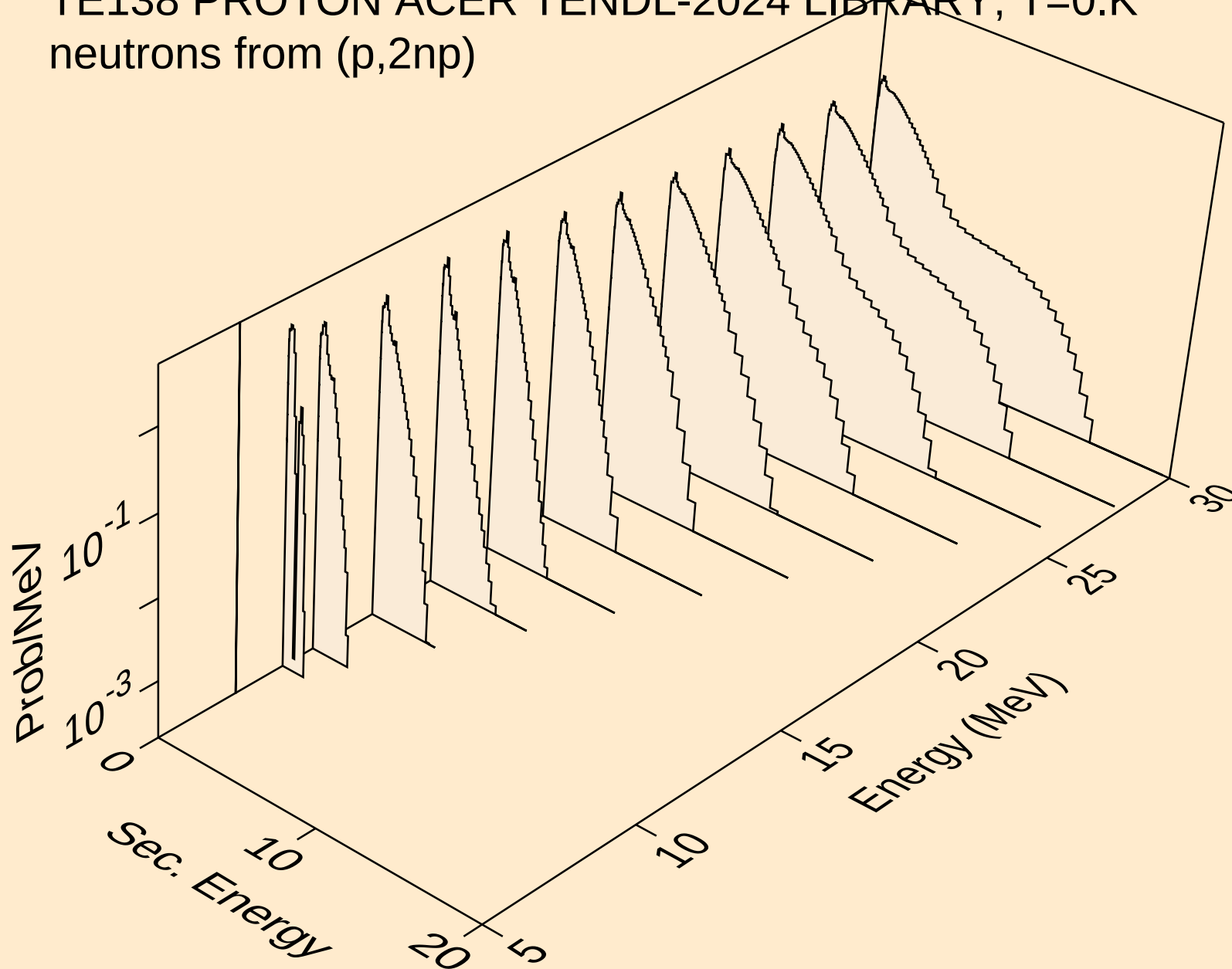
TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n*)he3



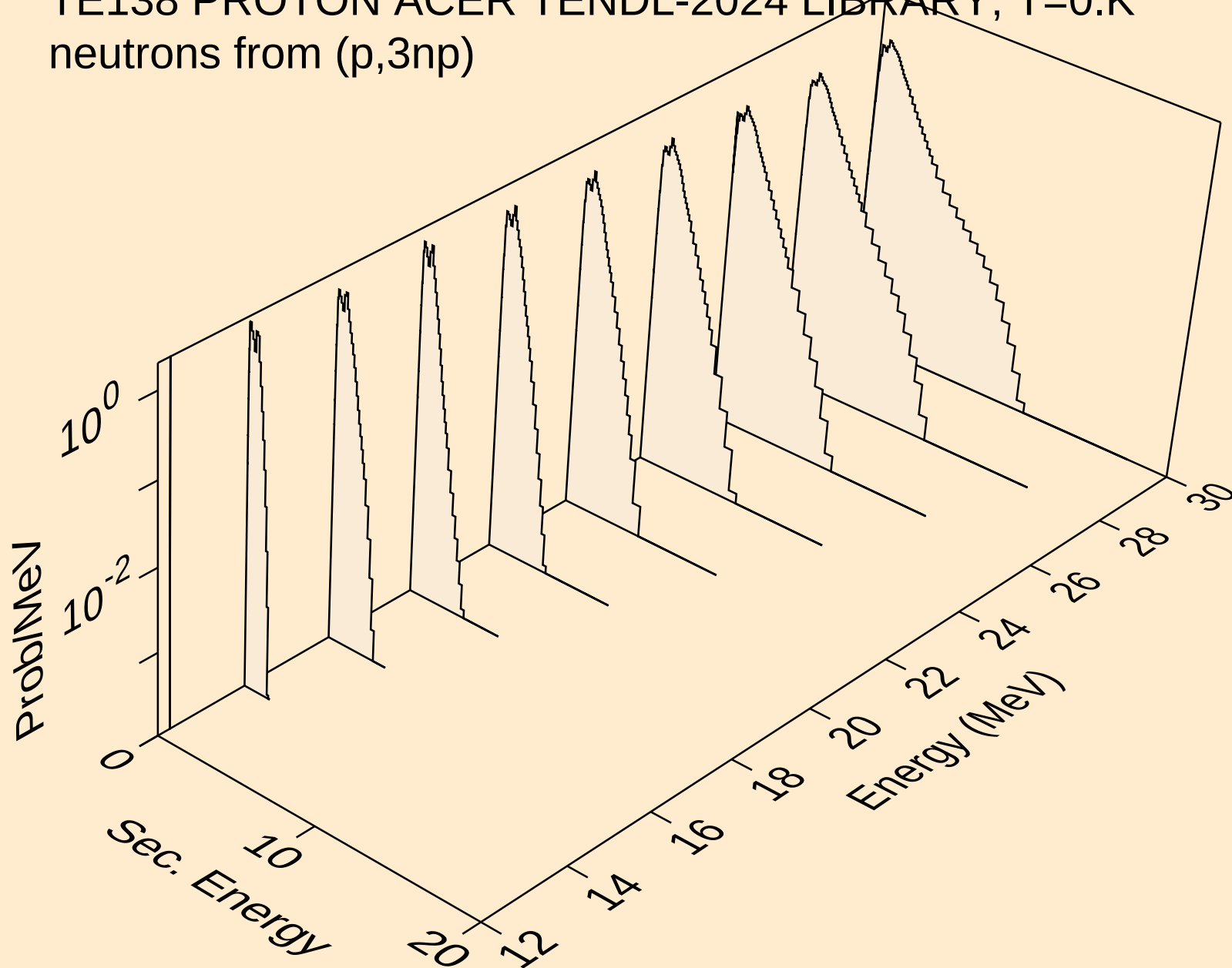
TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,4n)



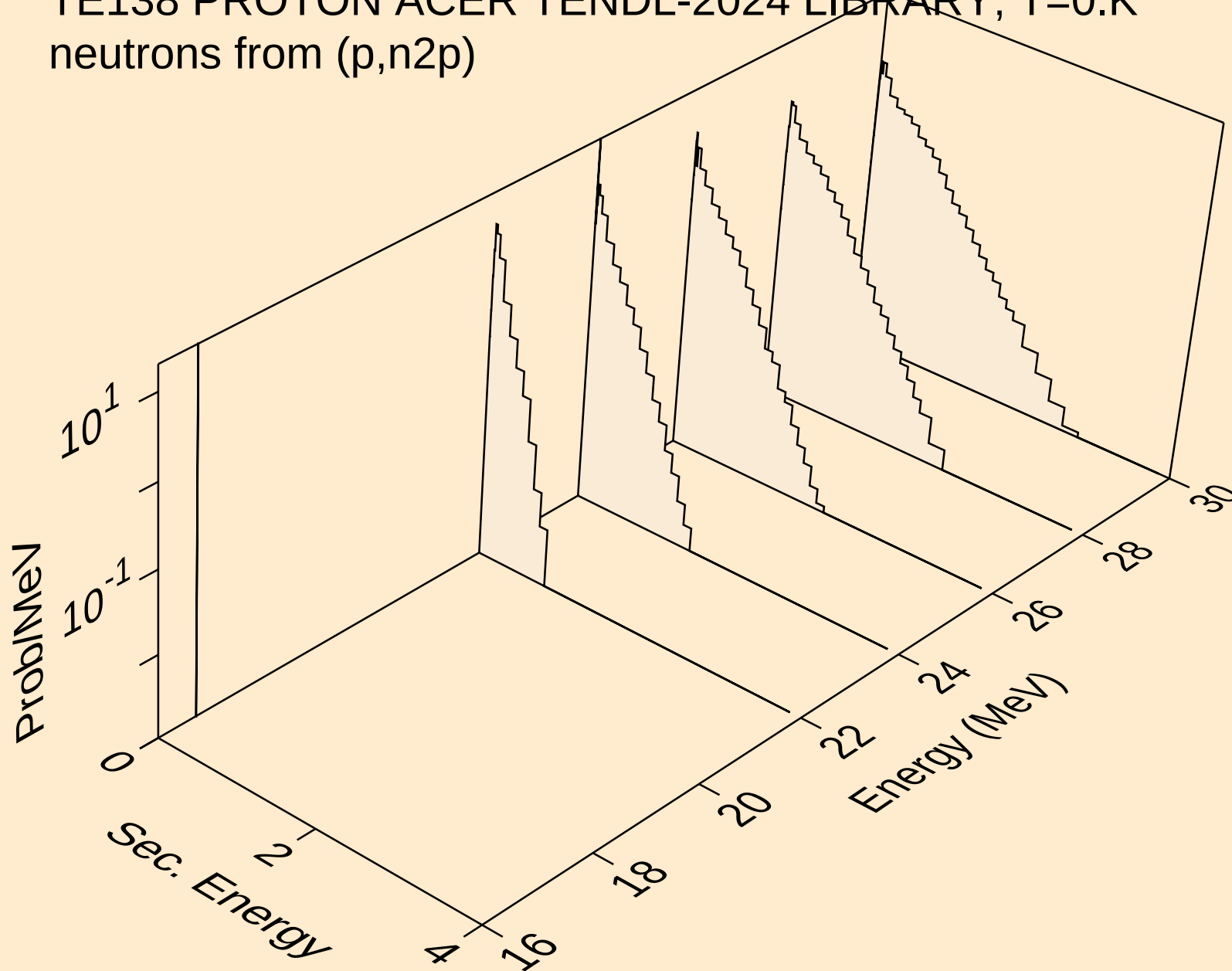
TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,2np)



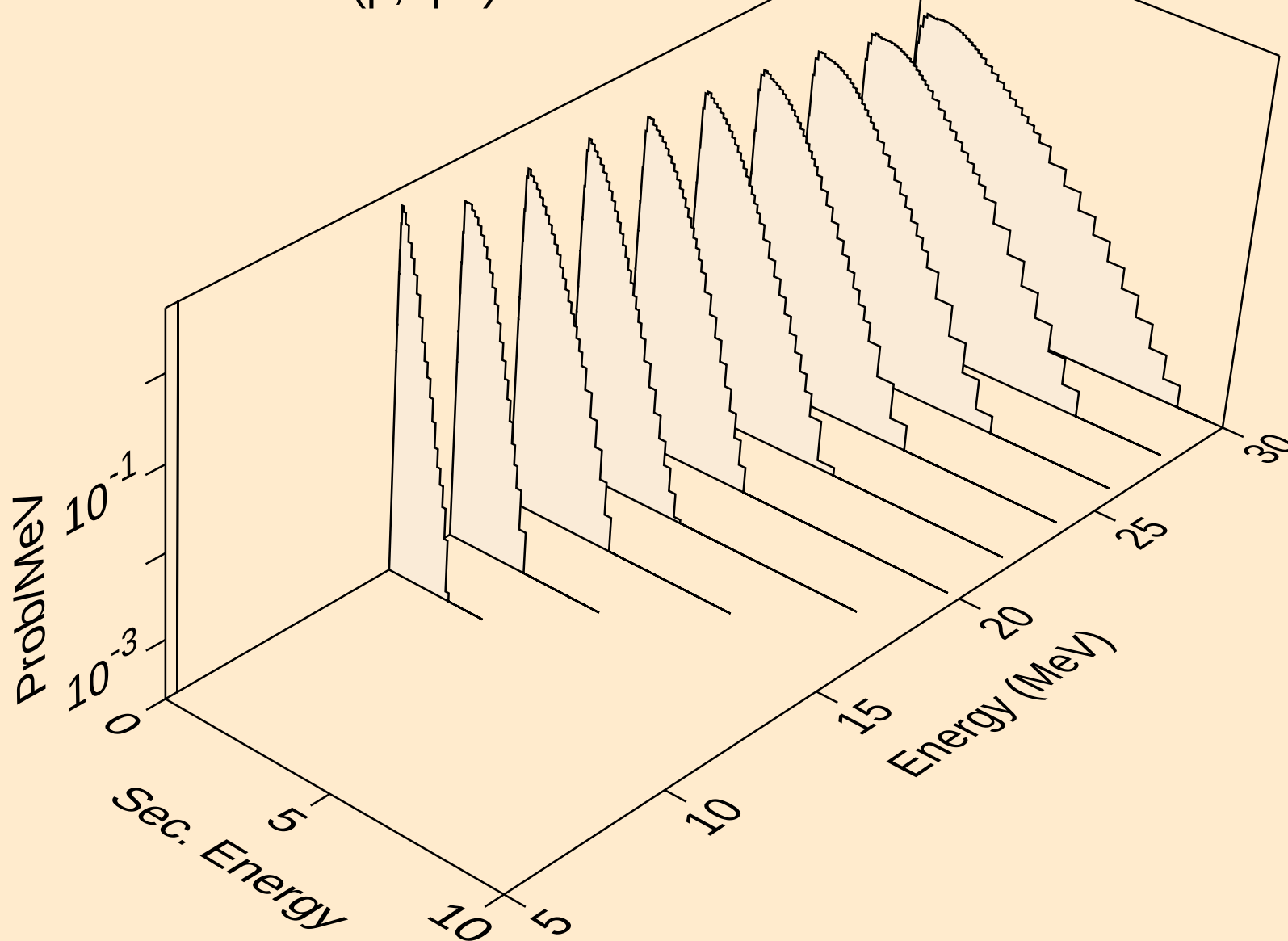
TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,3np)



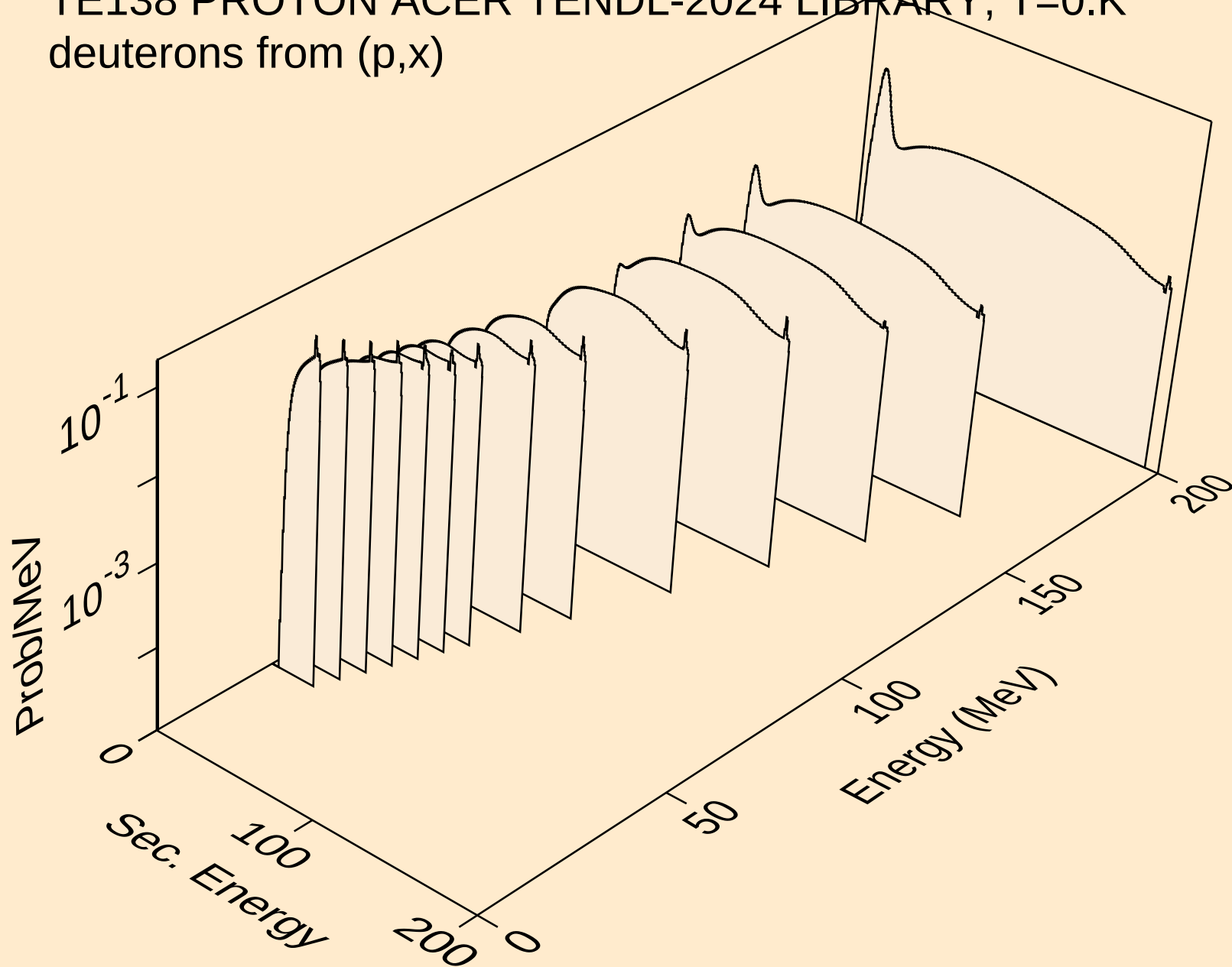
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neutrons from (p,n2p)



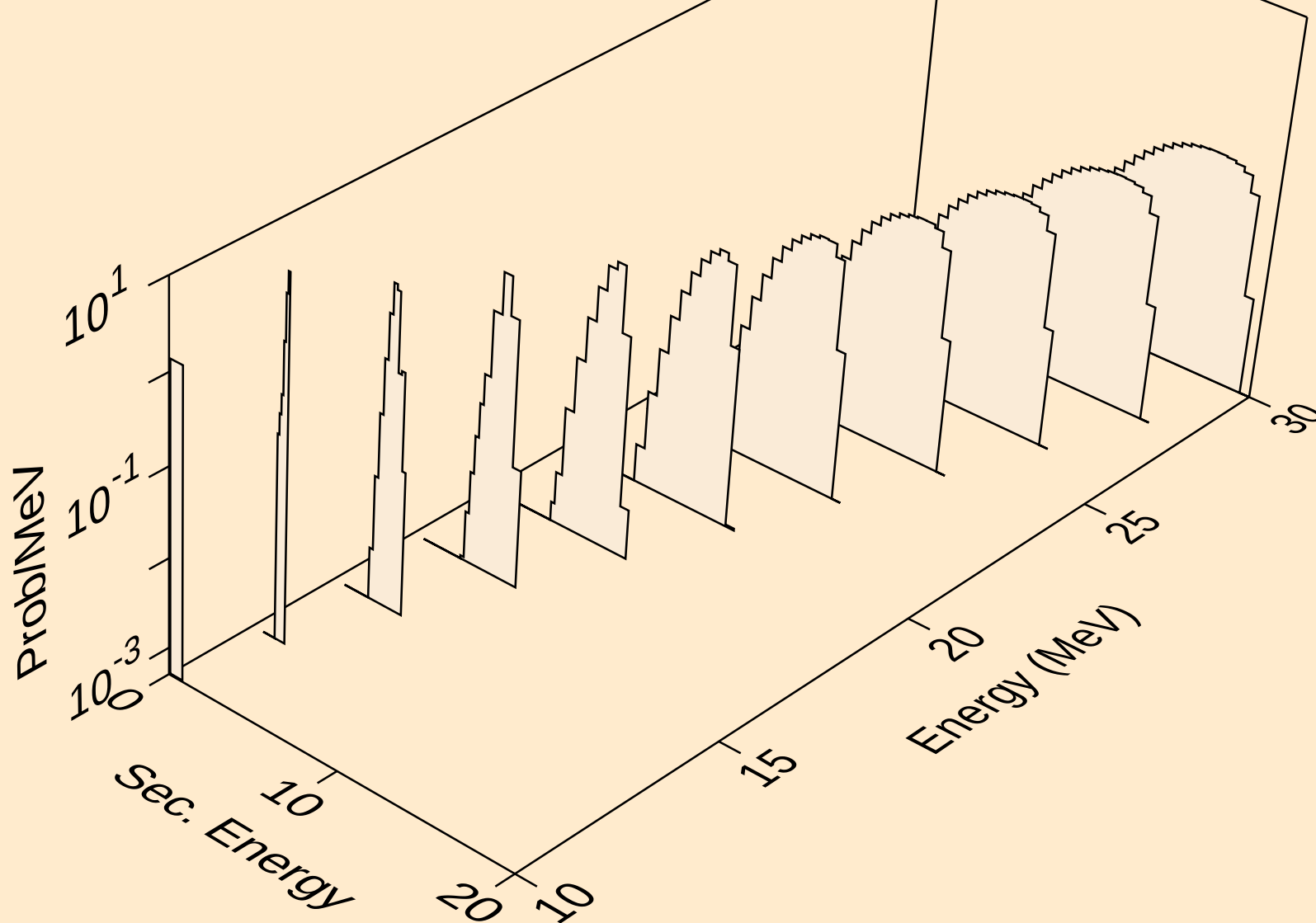
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neutrons from (p,npa)



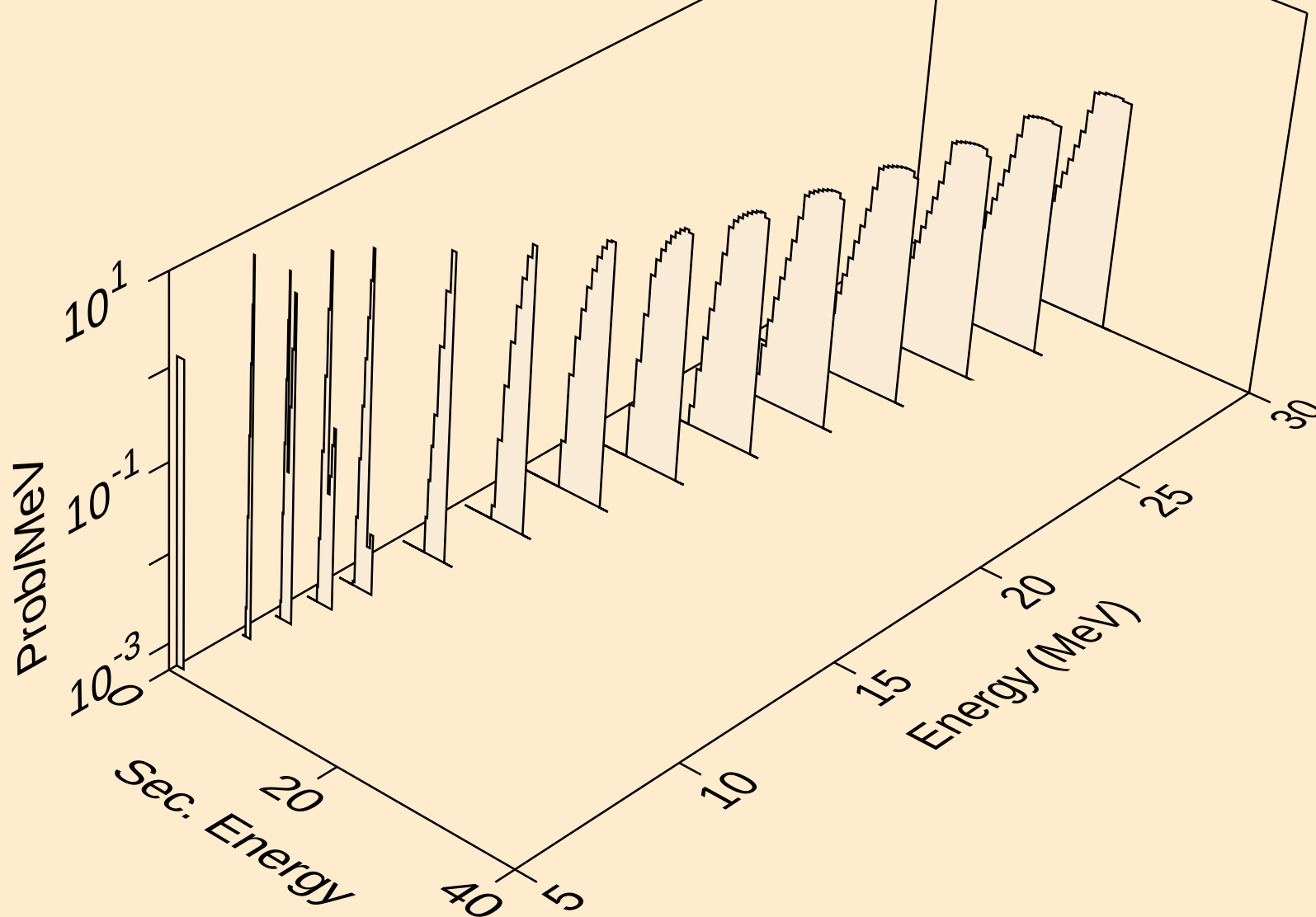
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deuterons from (p,x)



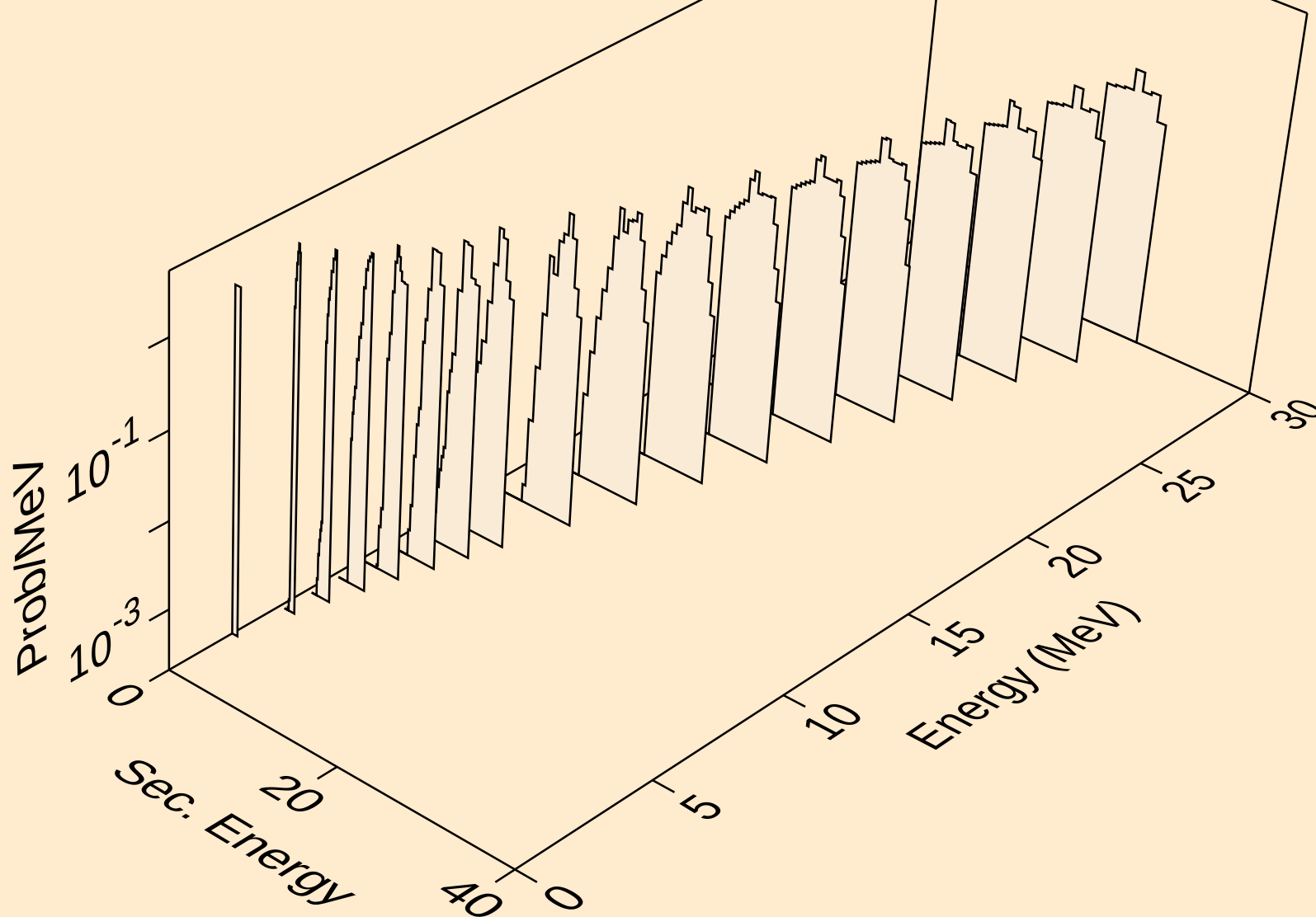
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deuterons from (p,2nd)



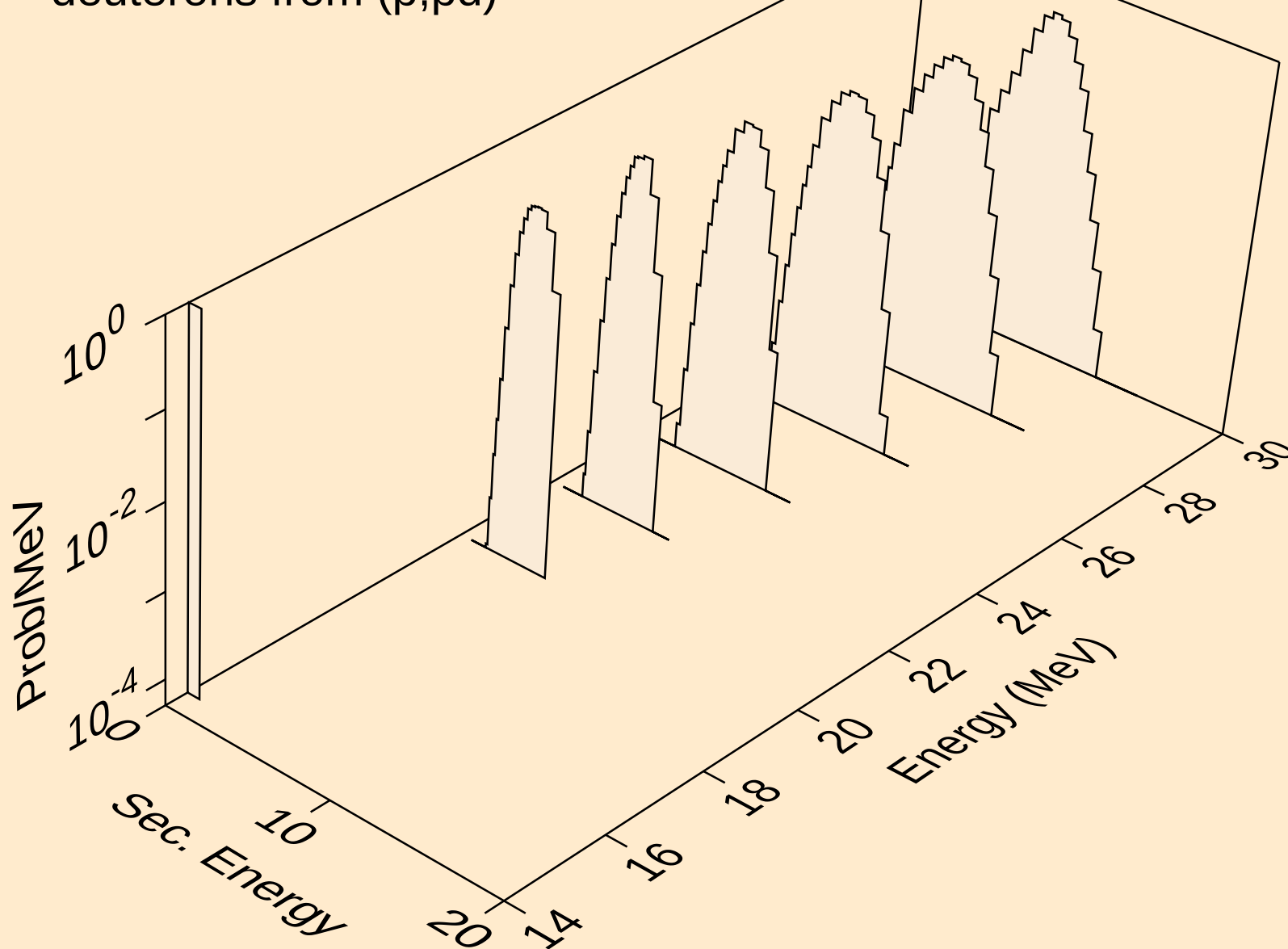
TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (p,n*)d



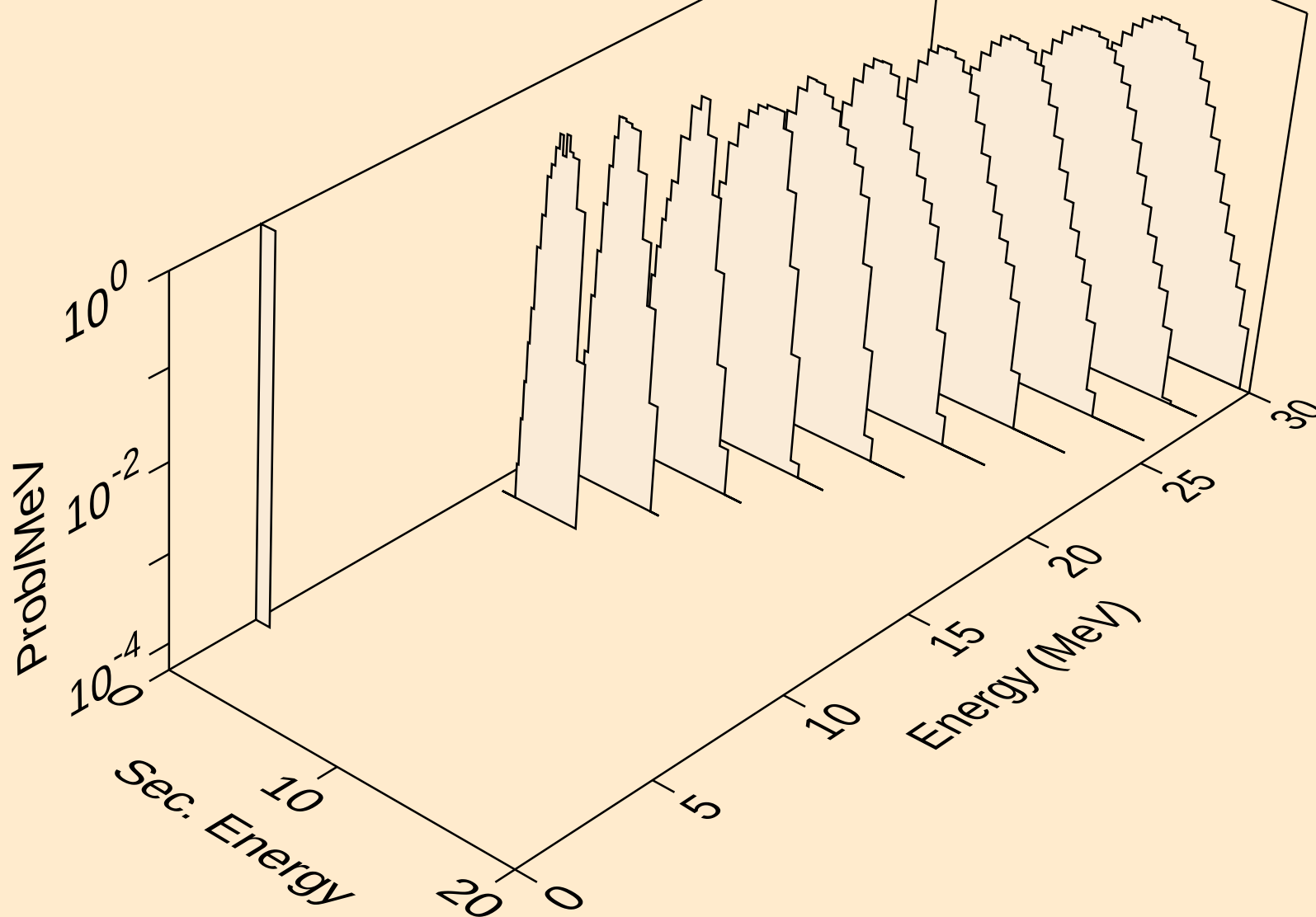
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deuterons from (p,d)



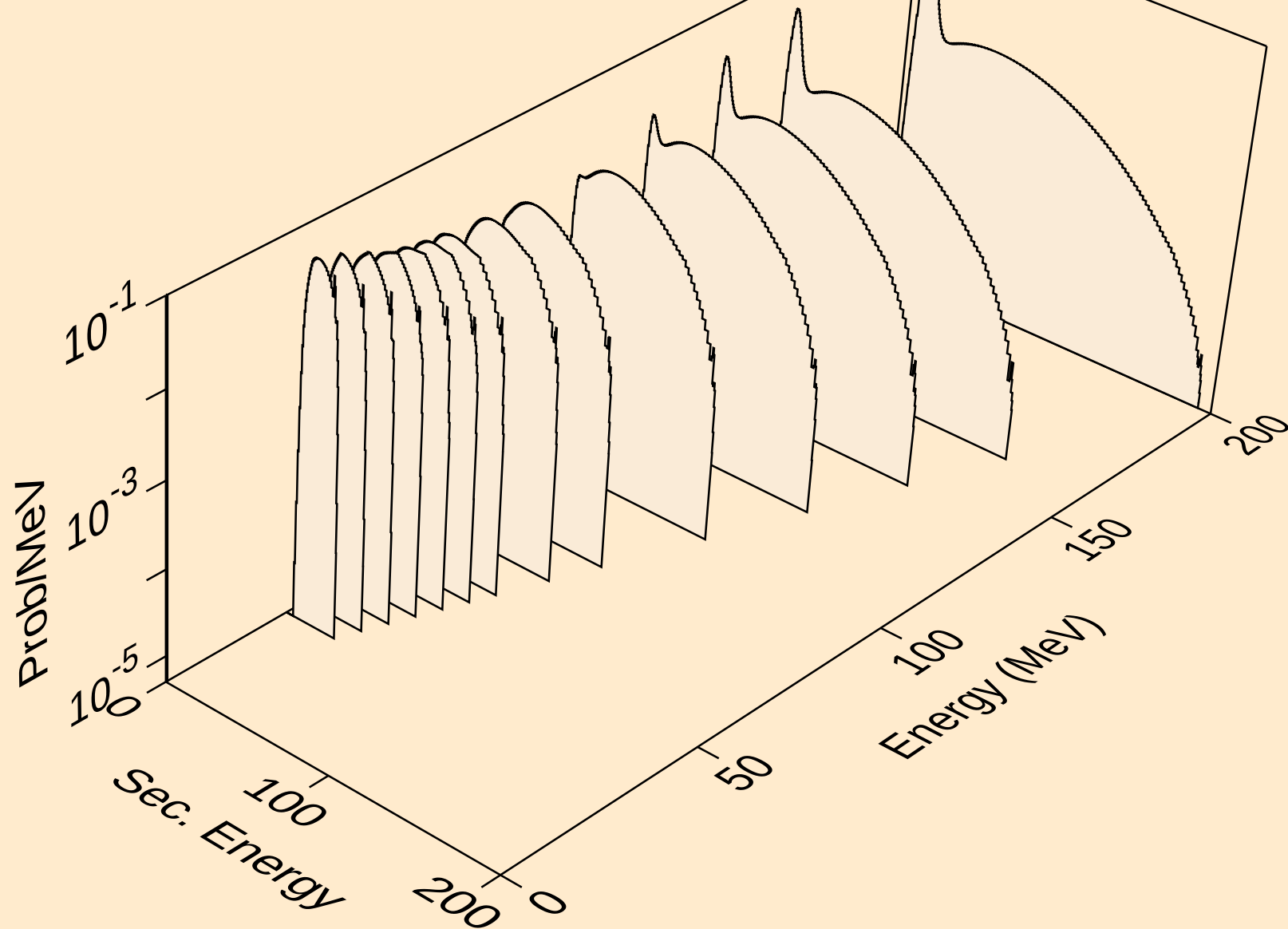
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deuterons from (p,pd)



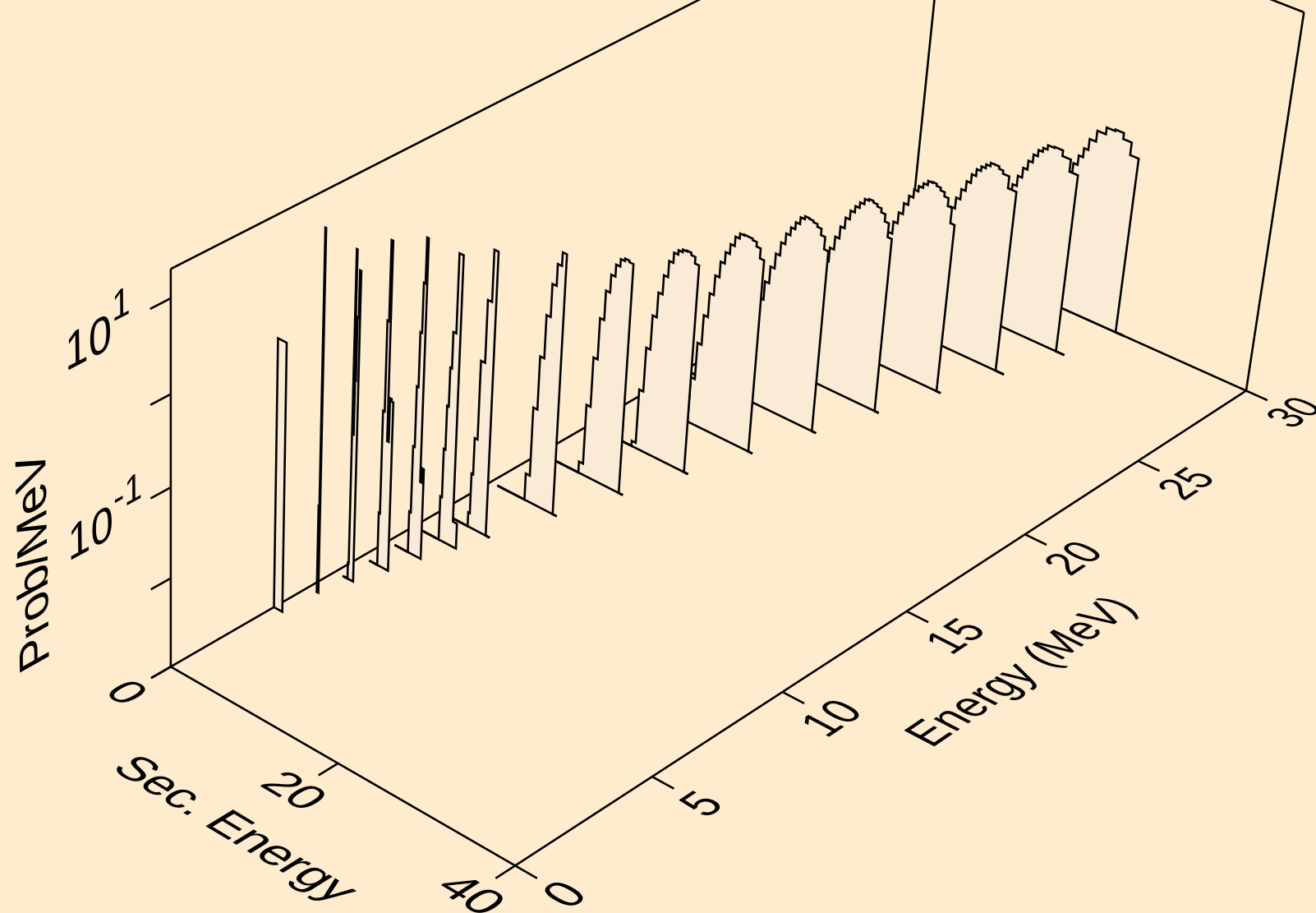
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deuterons from (p,da)



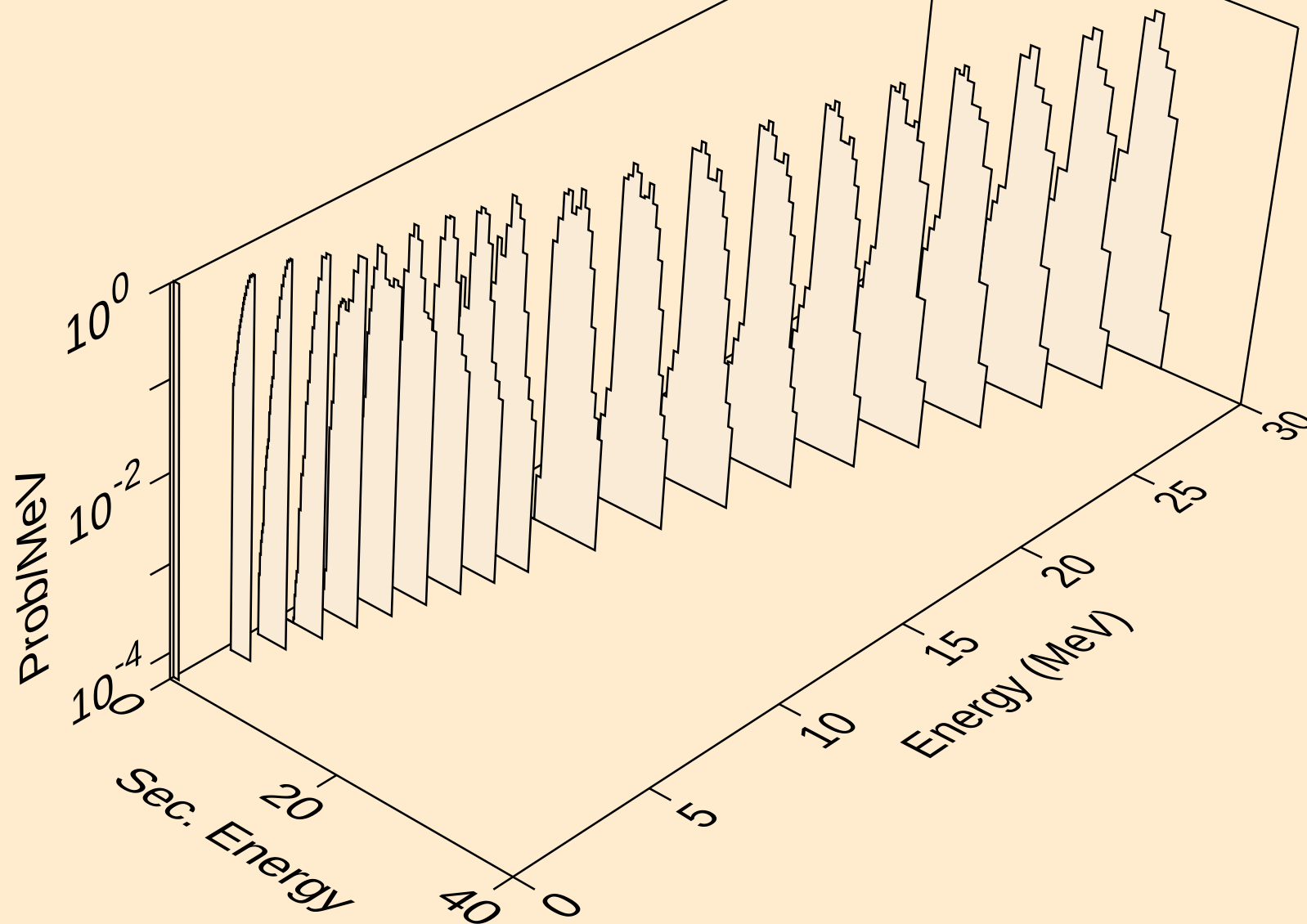
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tritons from (p,x)



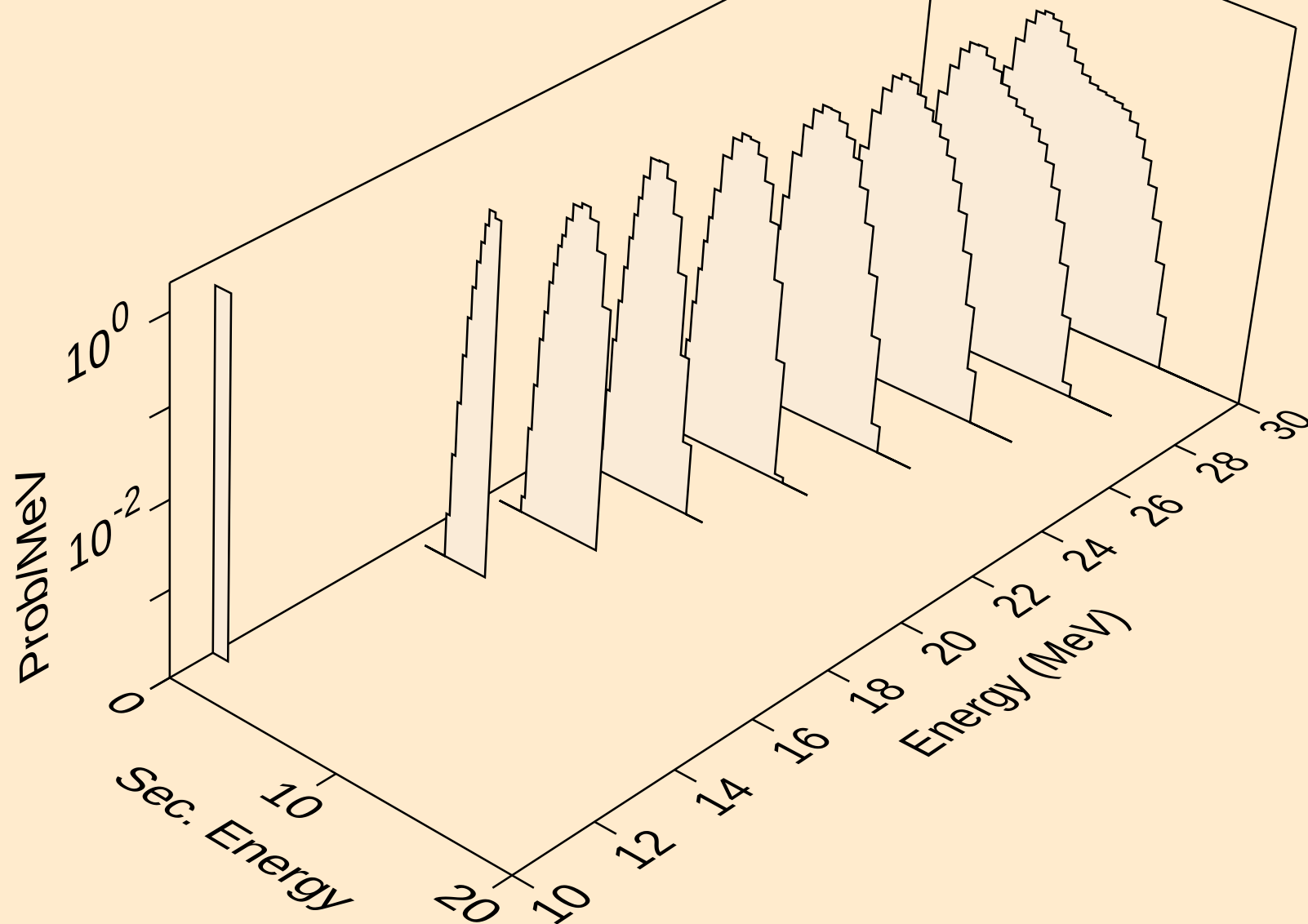
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tritons from (p,n*)t



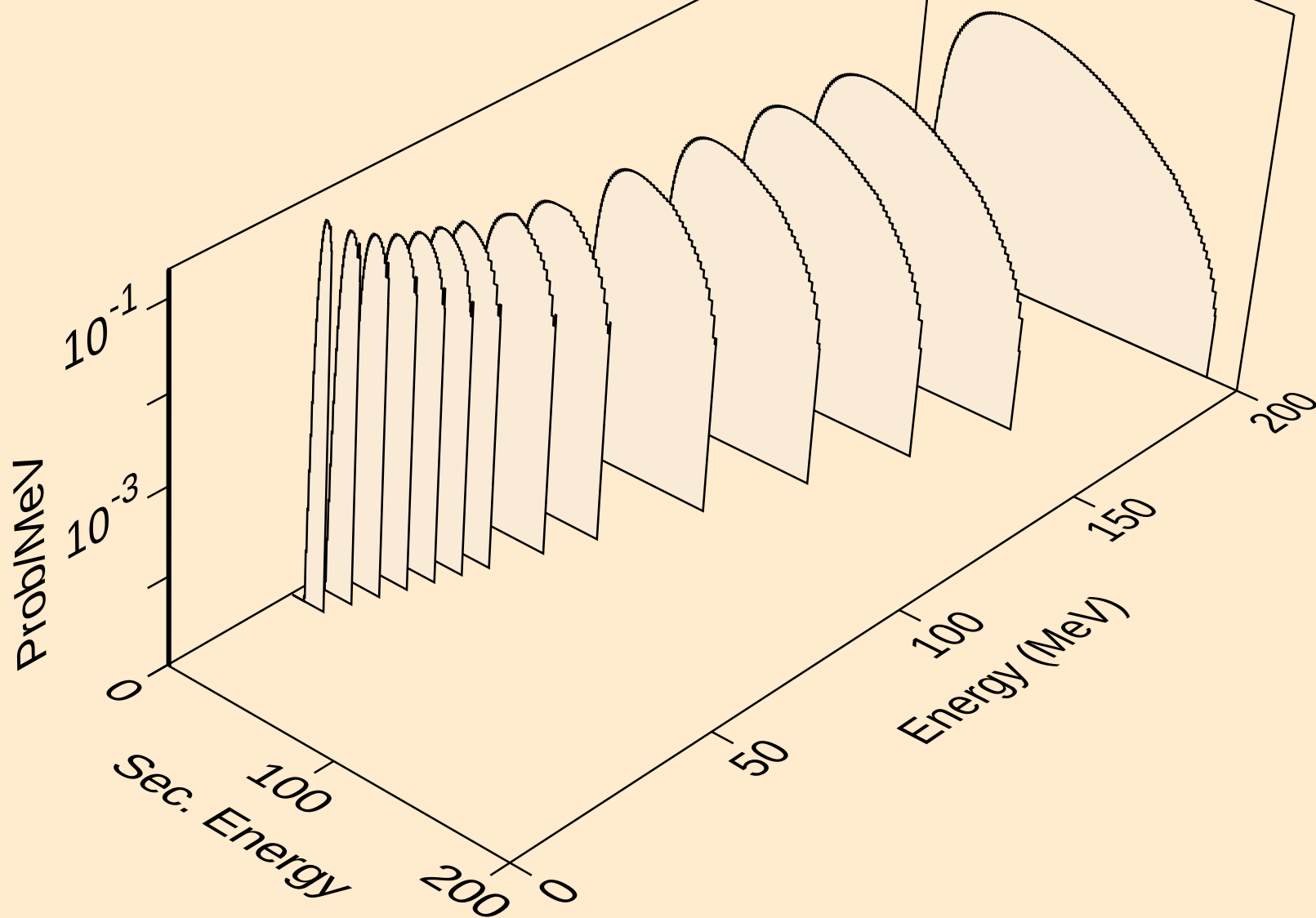
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tritons from (p,t)



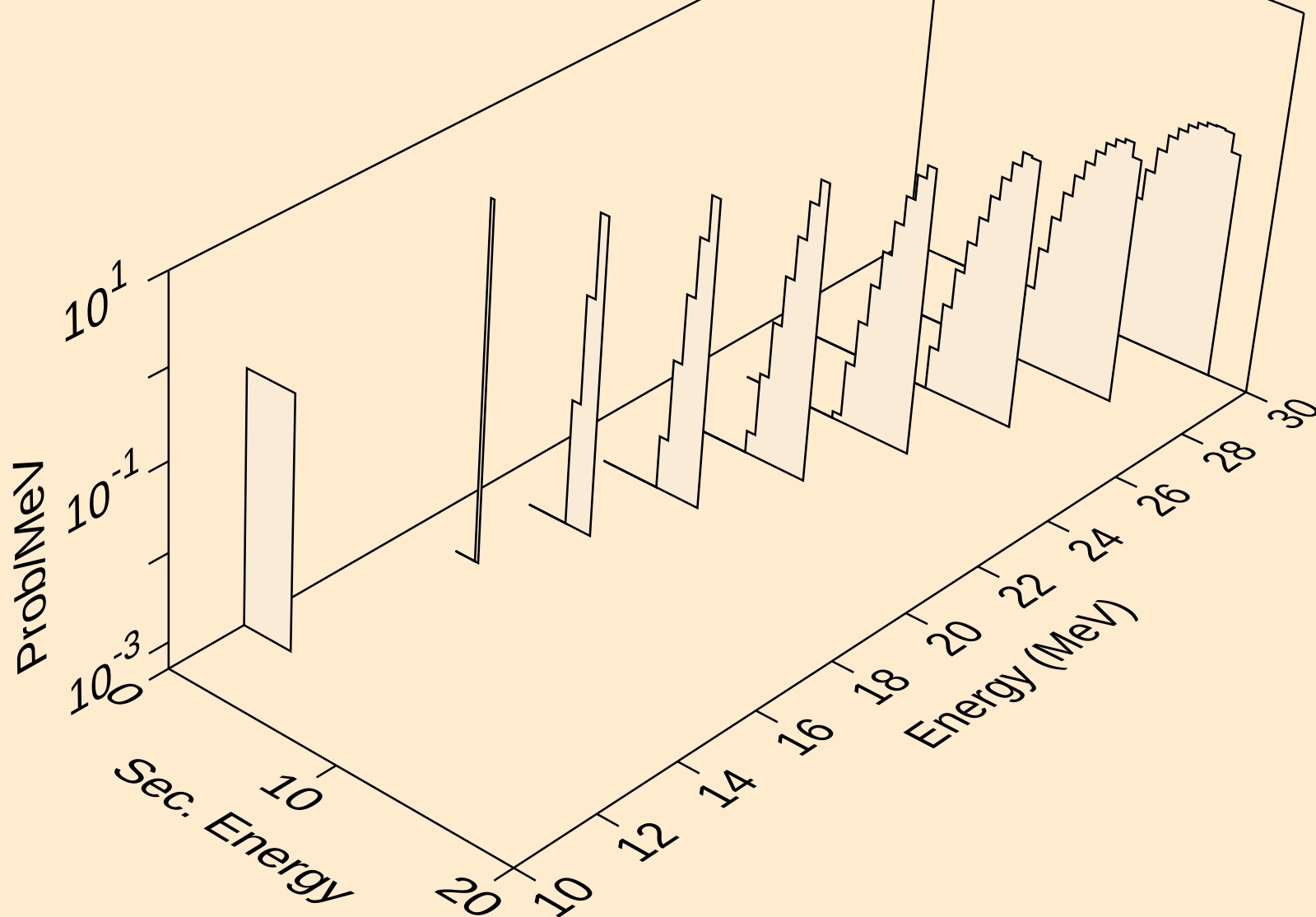
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tritons from (p,pt)



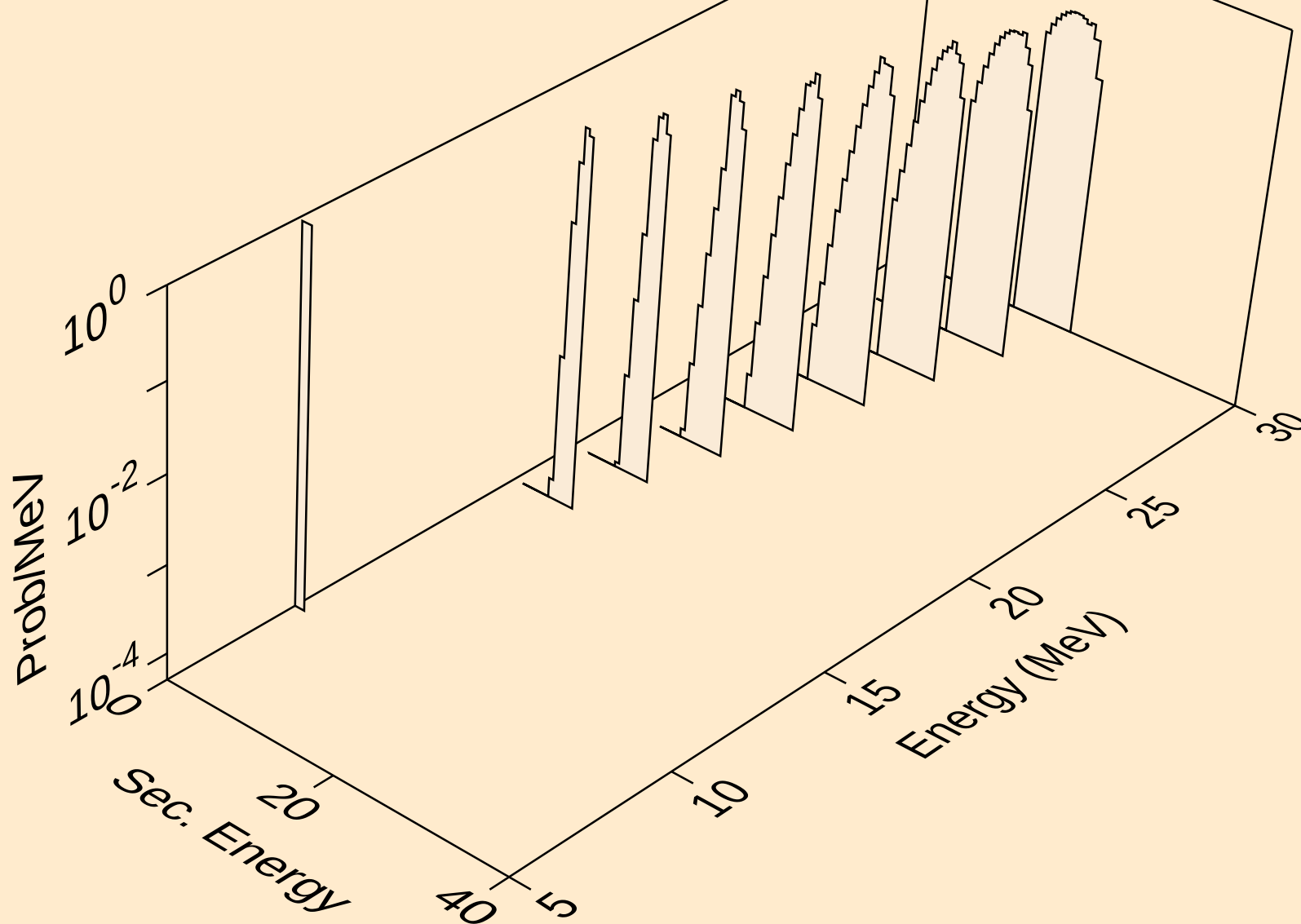
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he3s from (p,x)



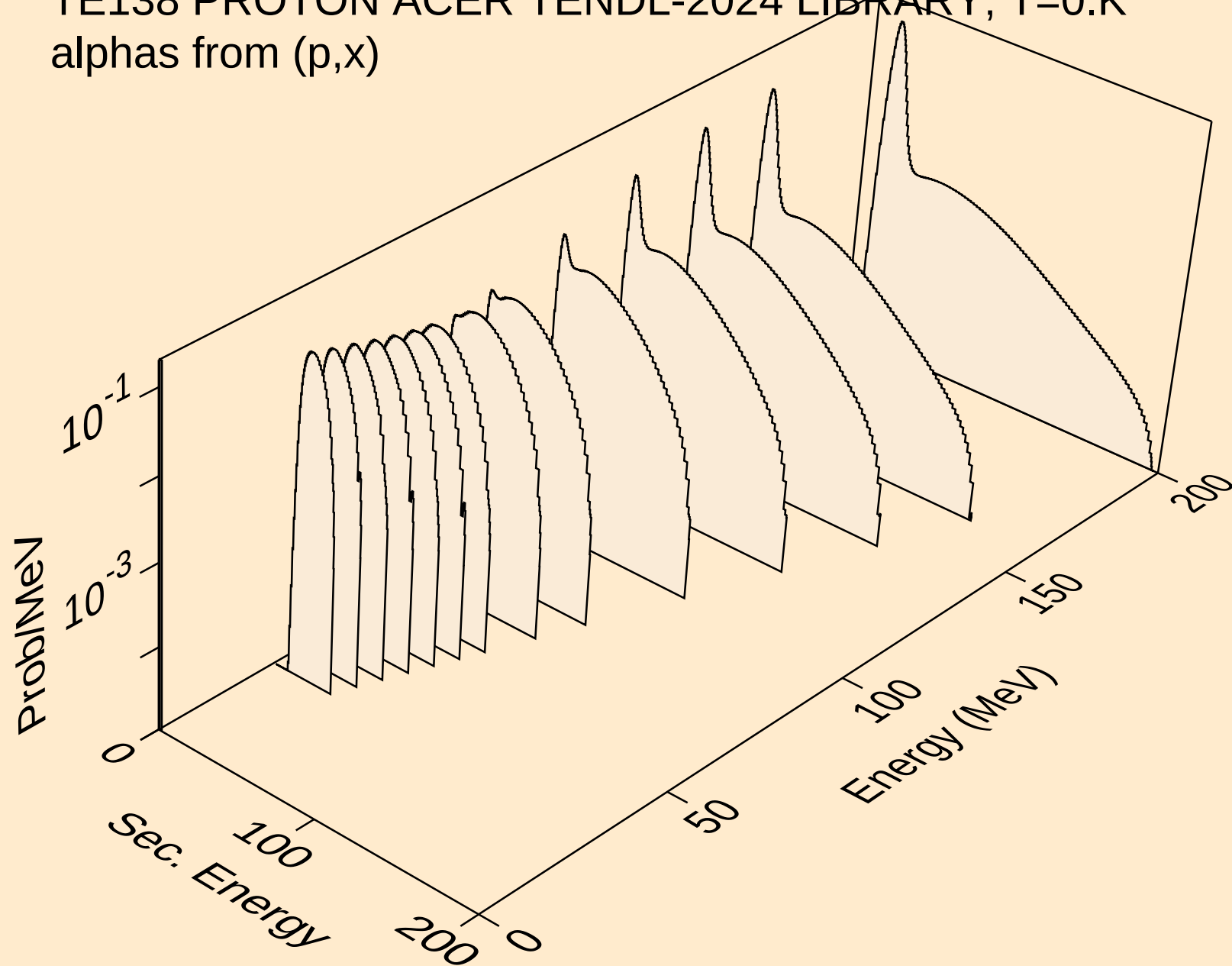
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he3s from (p,n*)he3



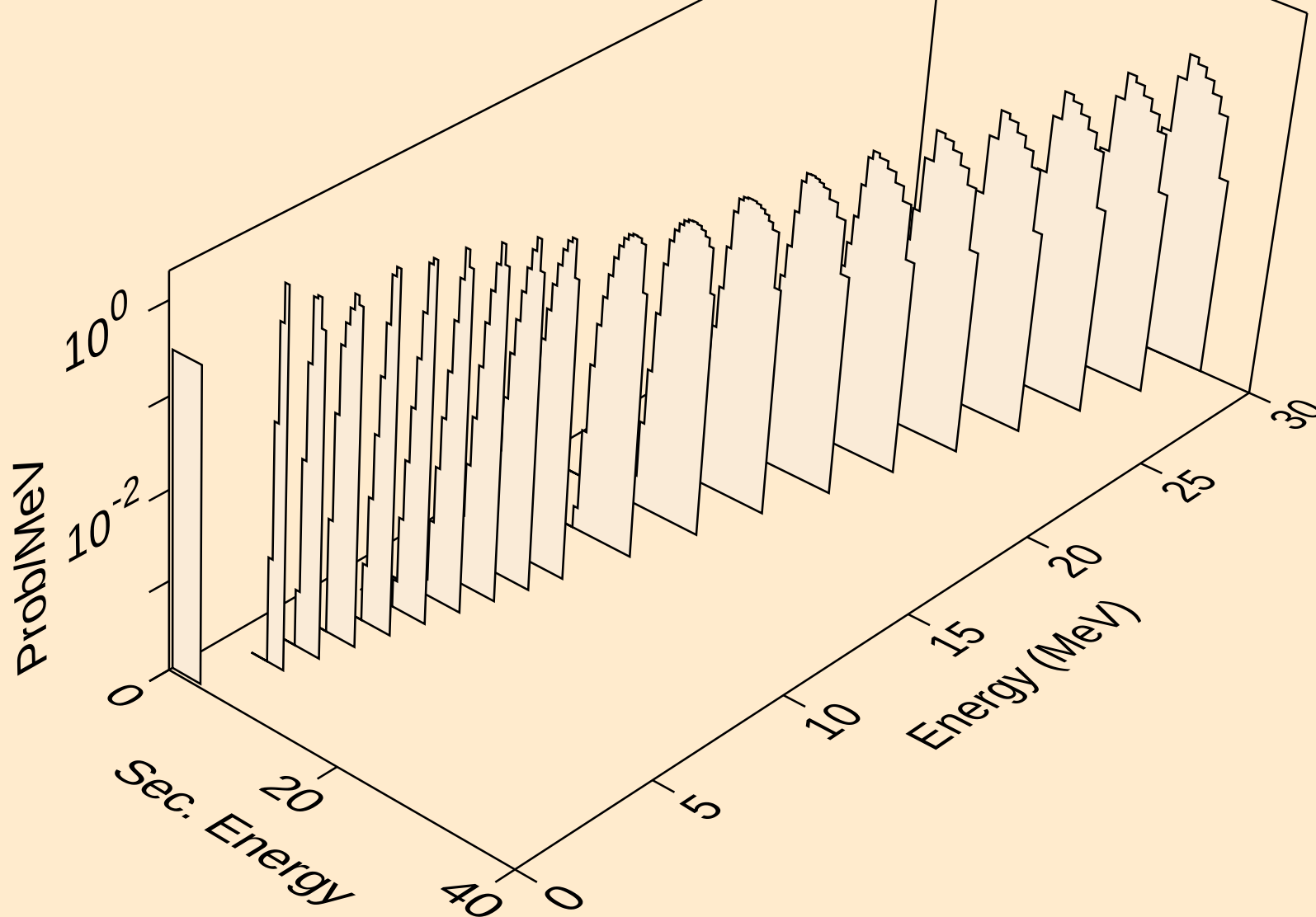
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he3s from (p,he3)



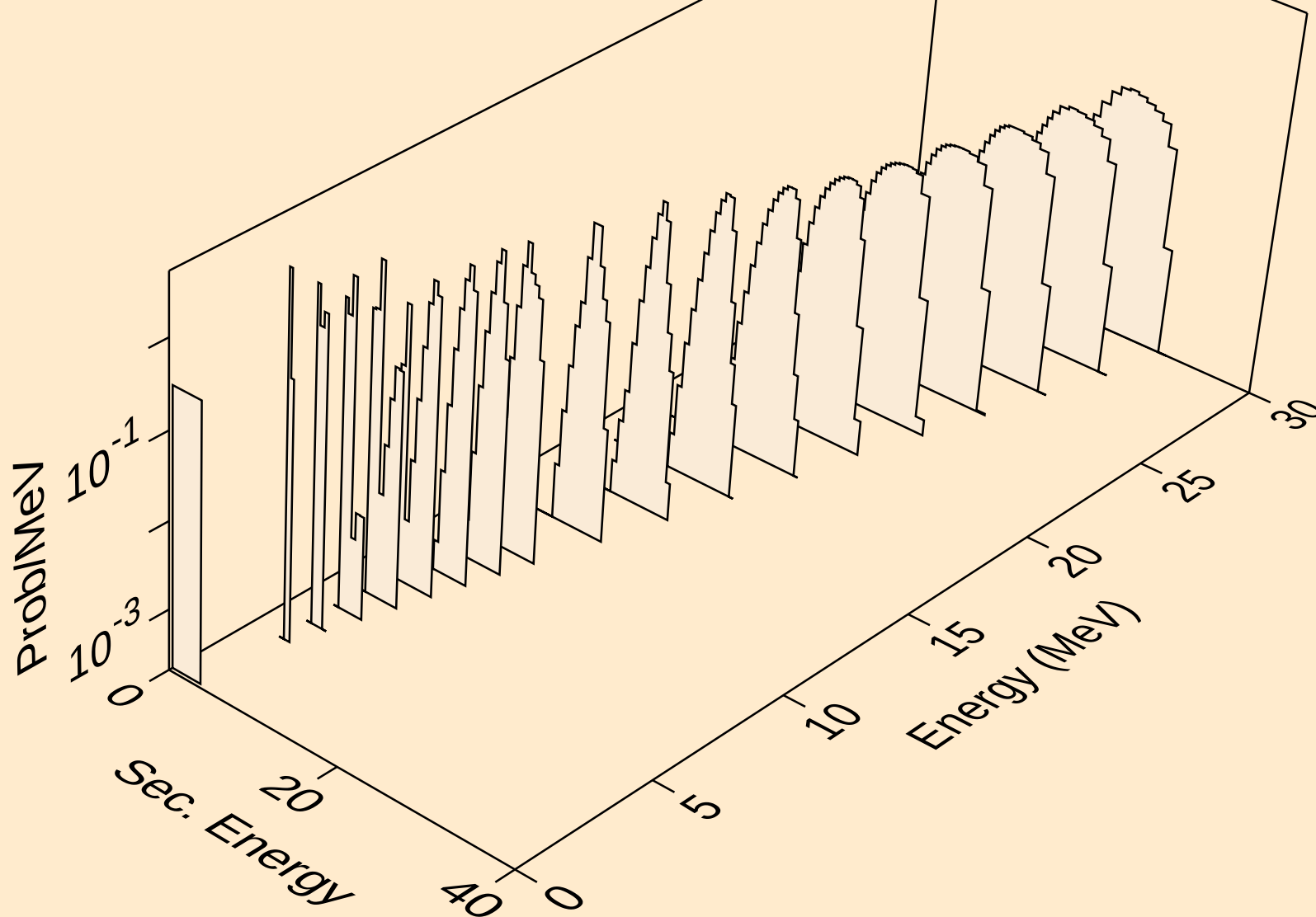
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alphas from (p,x)



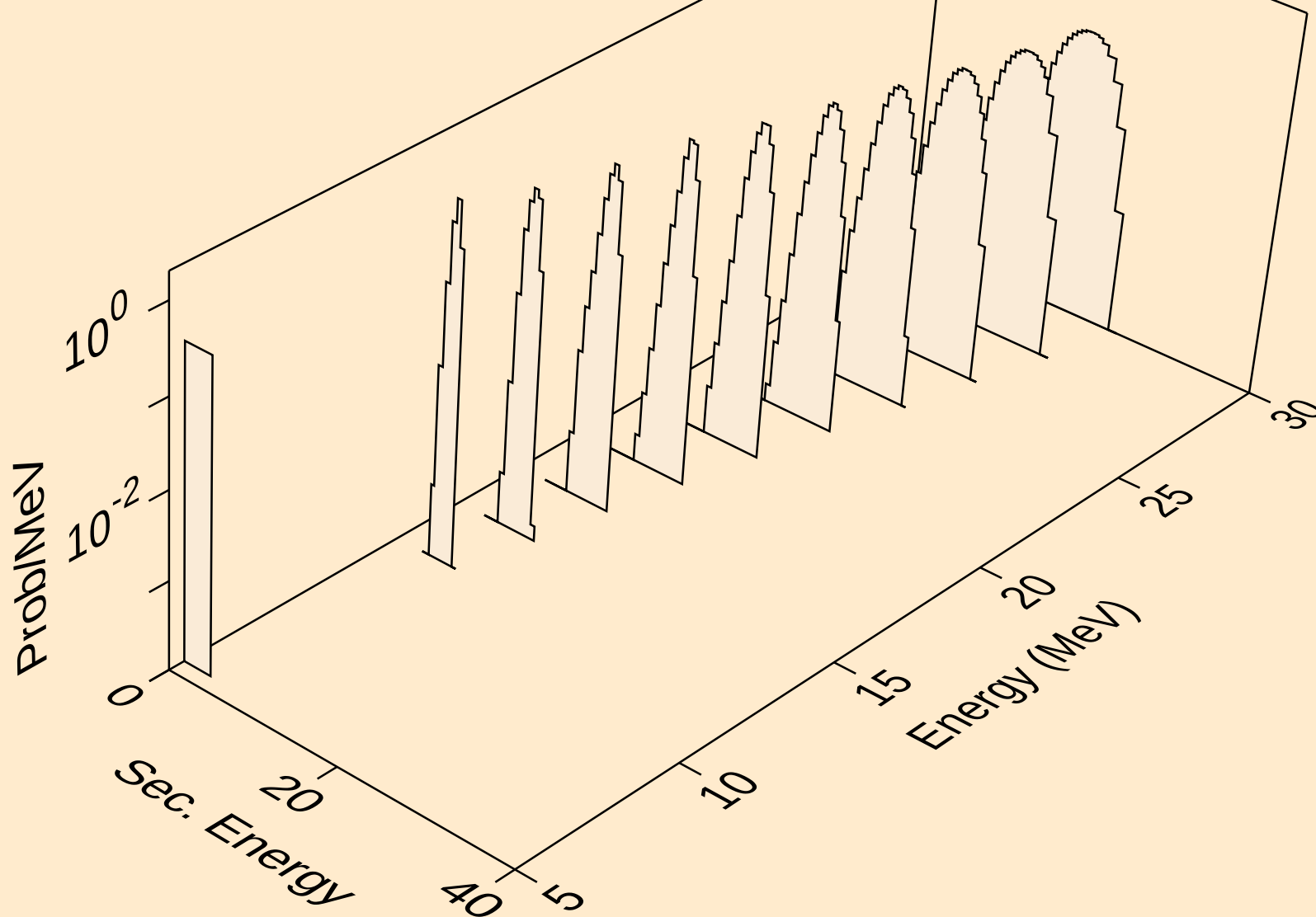
TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,n*)a



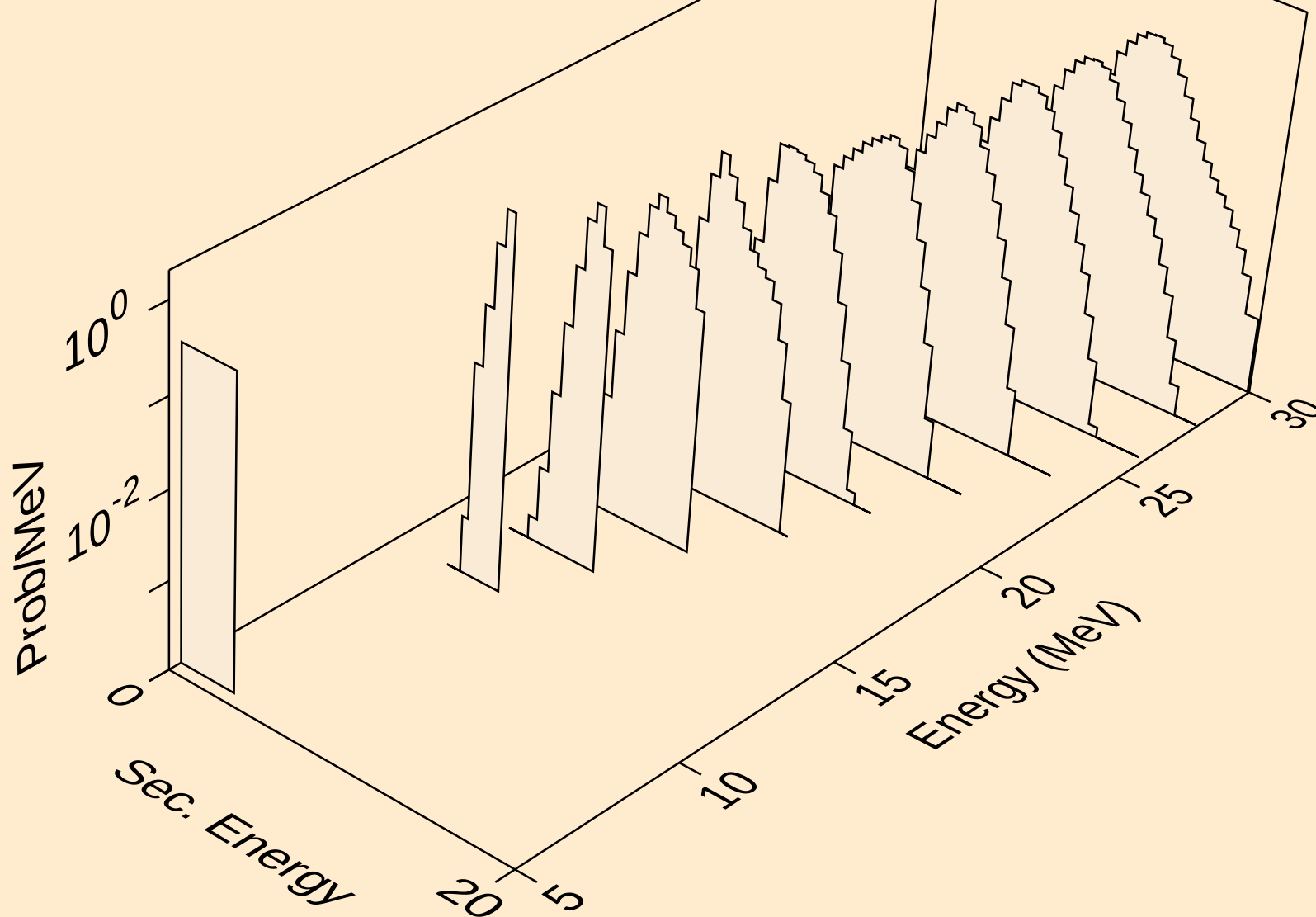
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alphas from (p,2n)a



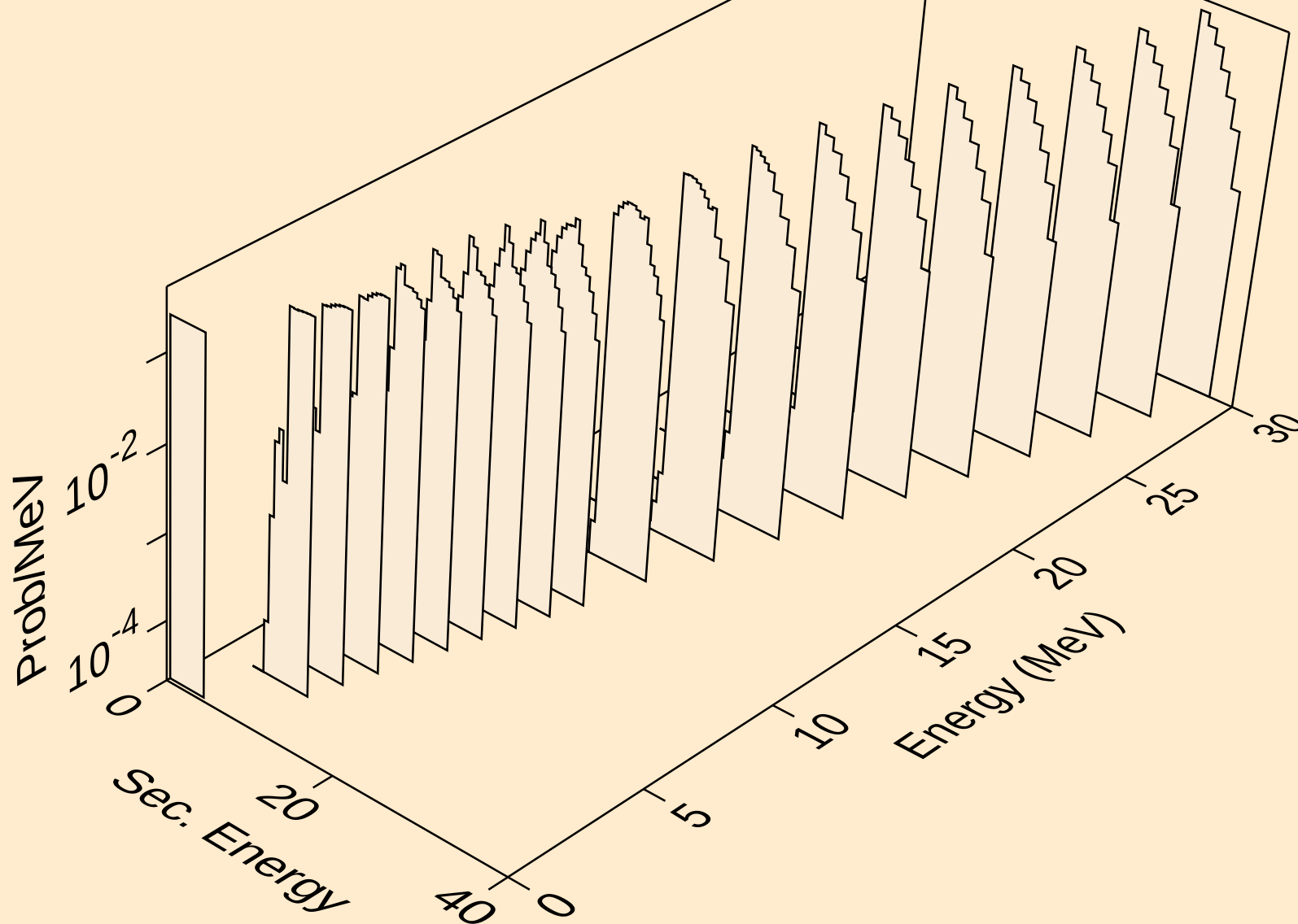
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alphas from (p,3n)a



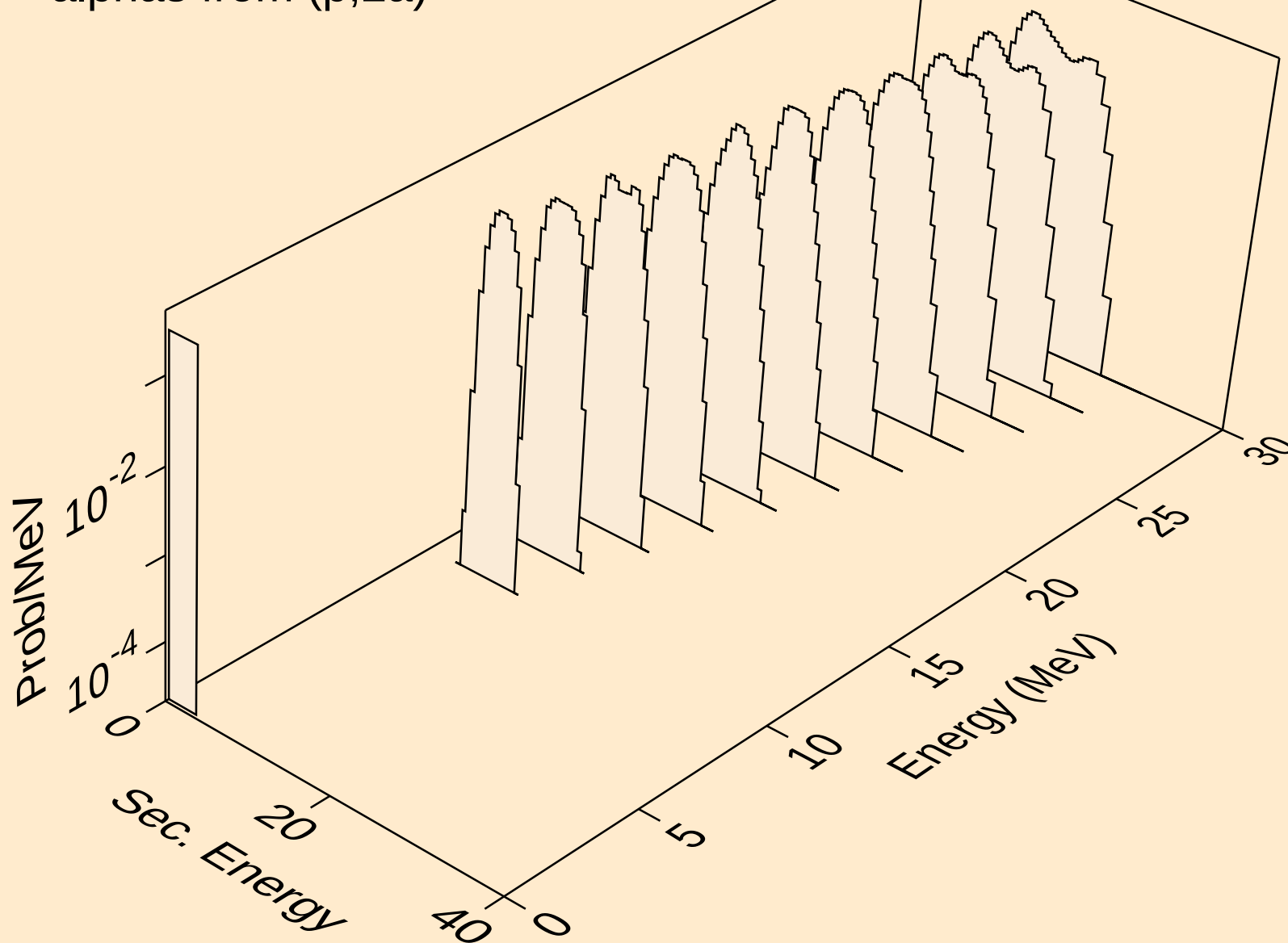
TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,npa)



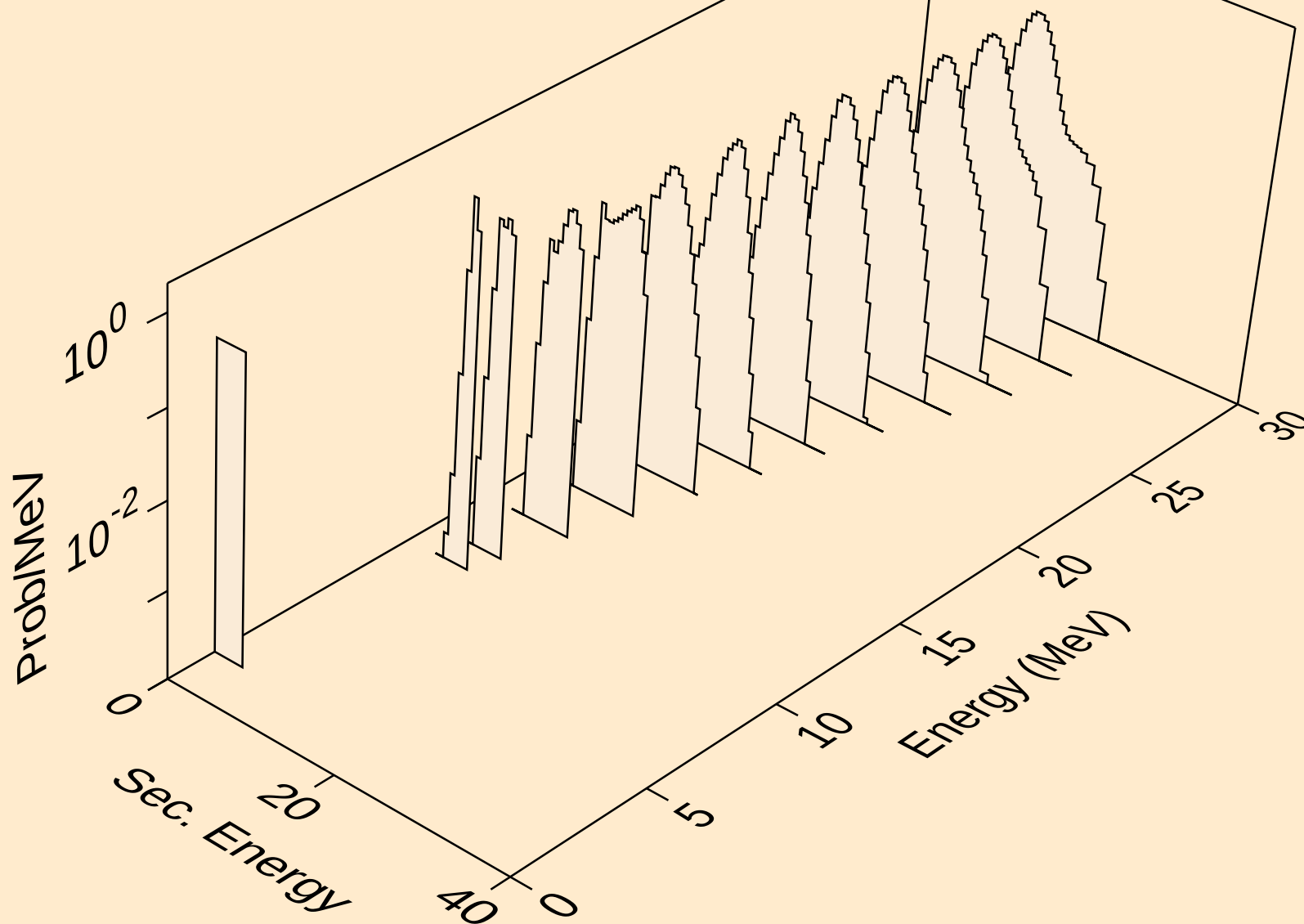
TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,a)



TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,2a)



TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,pa)



TE138 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,da)

