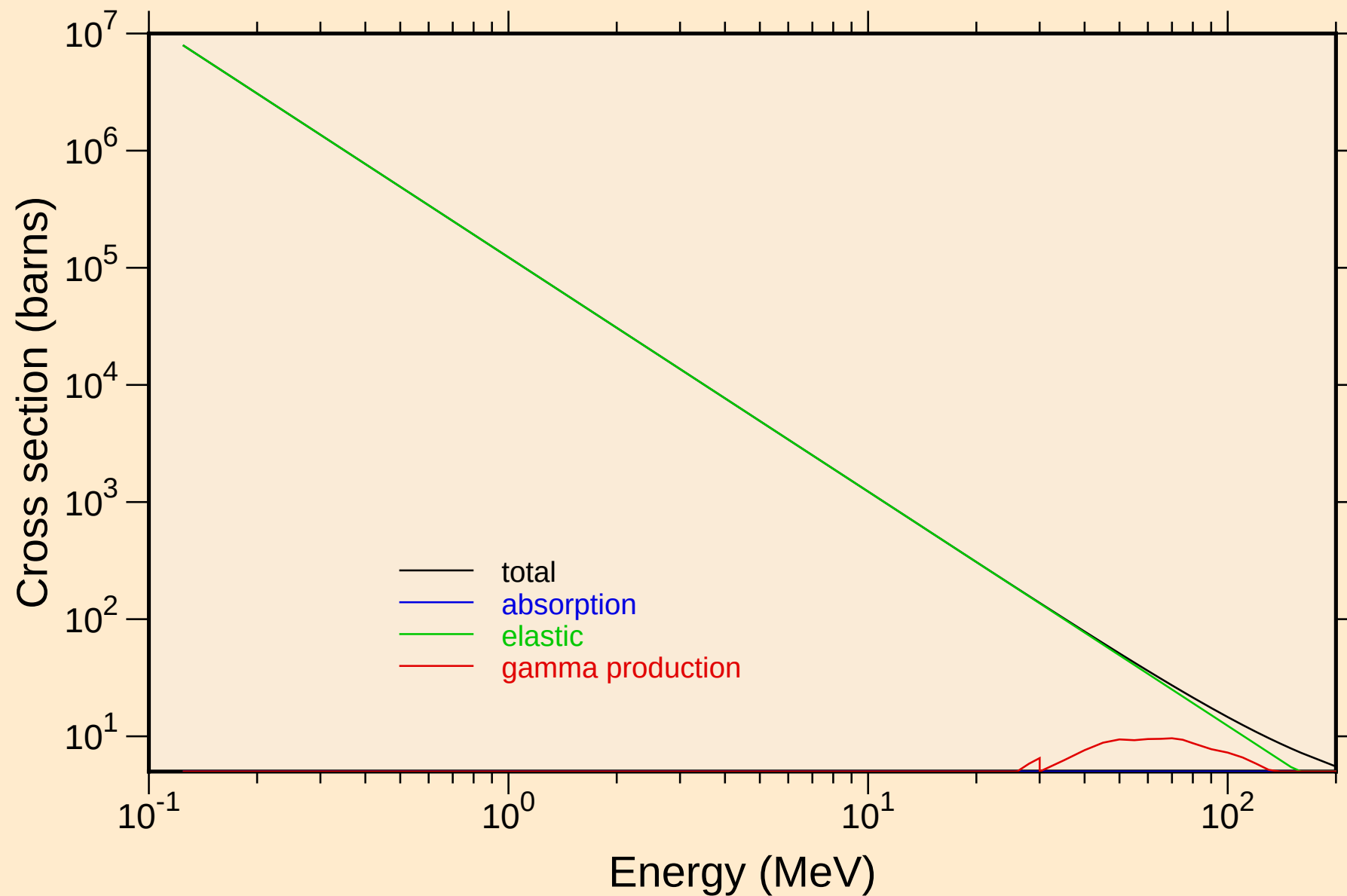


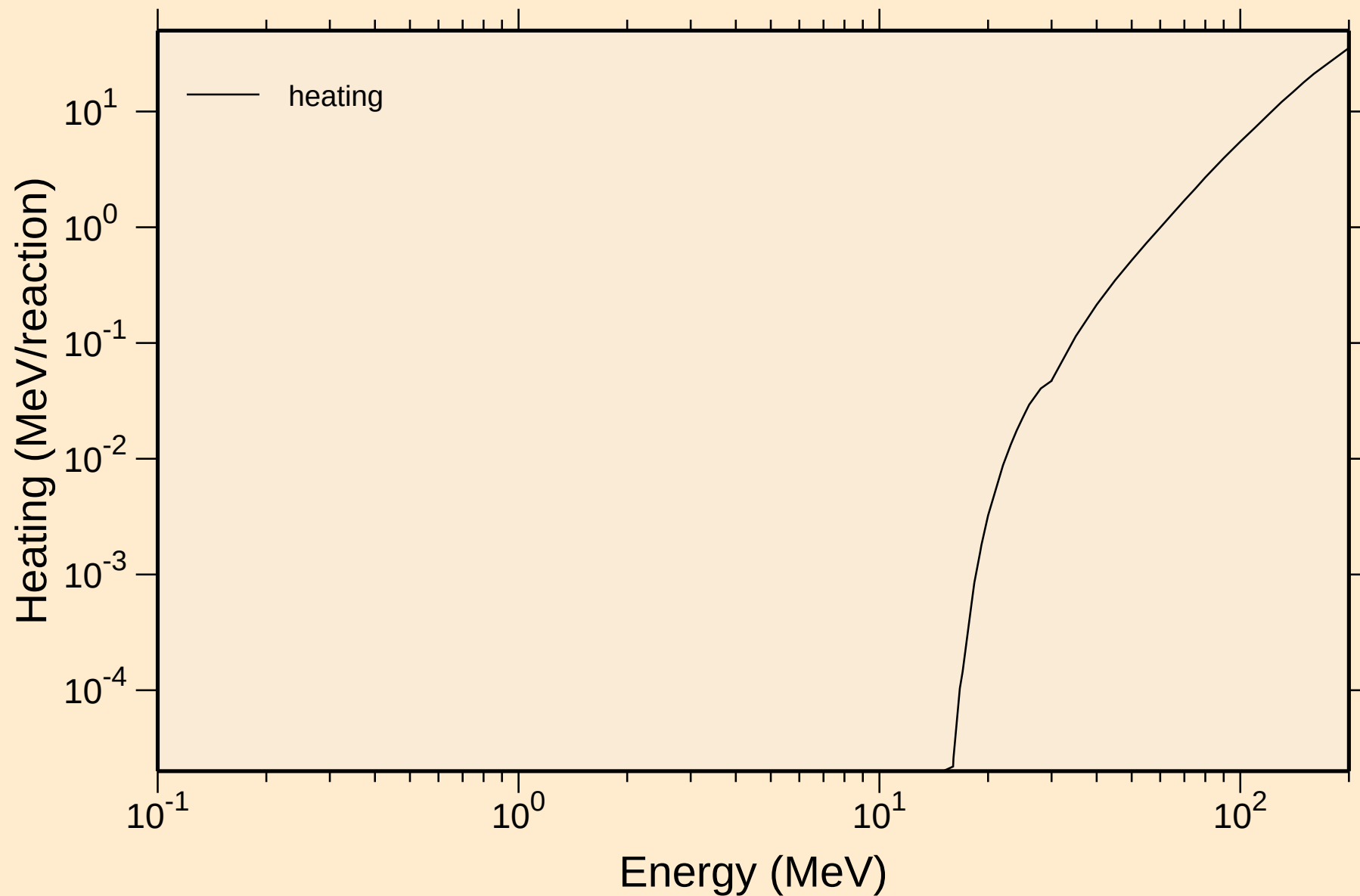
TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



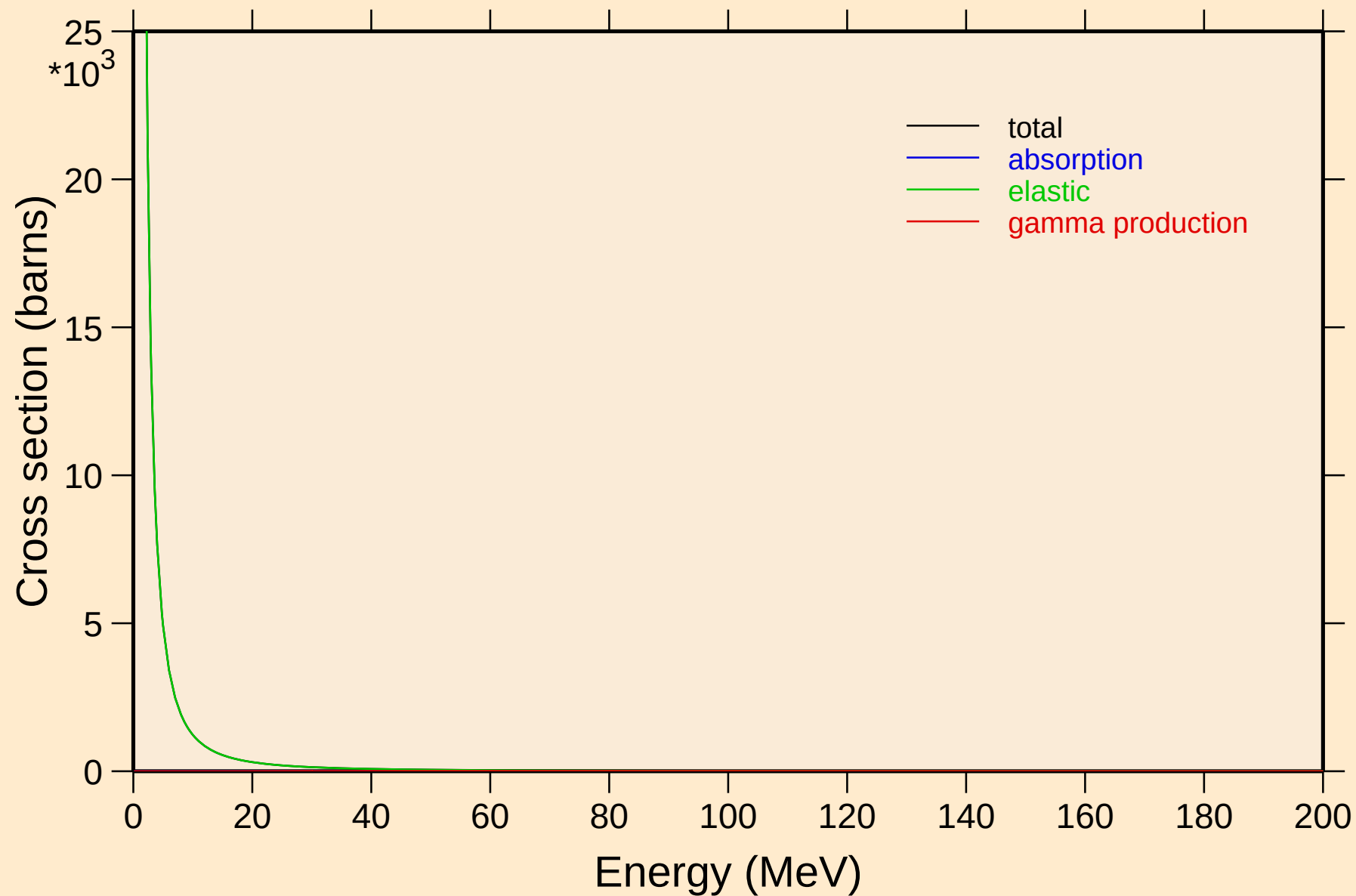
TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



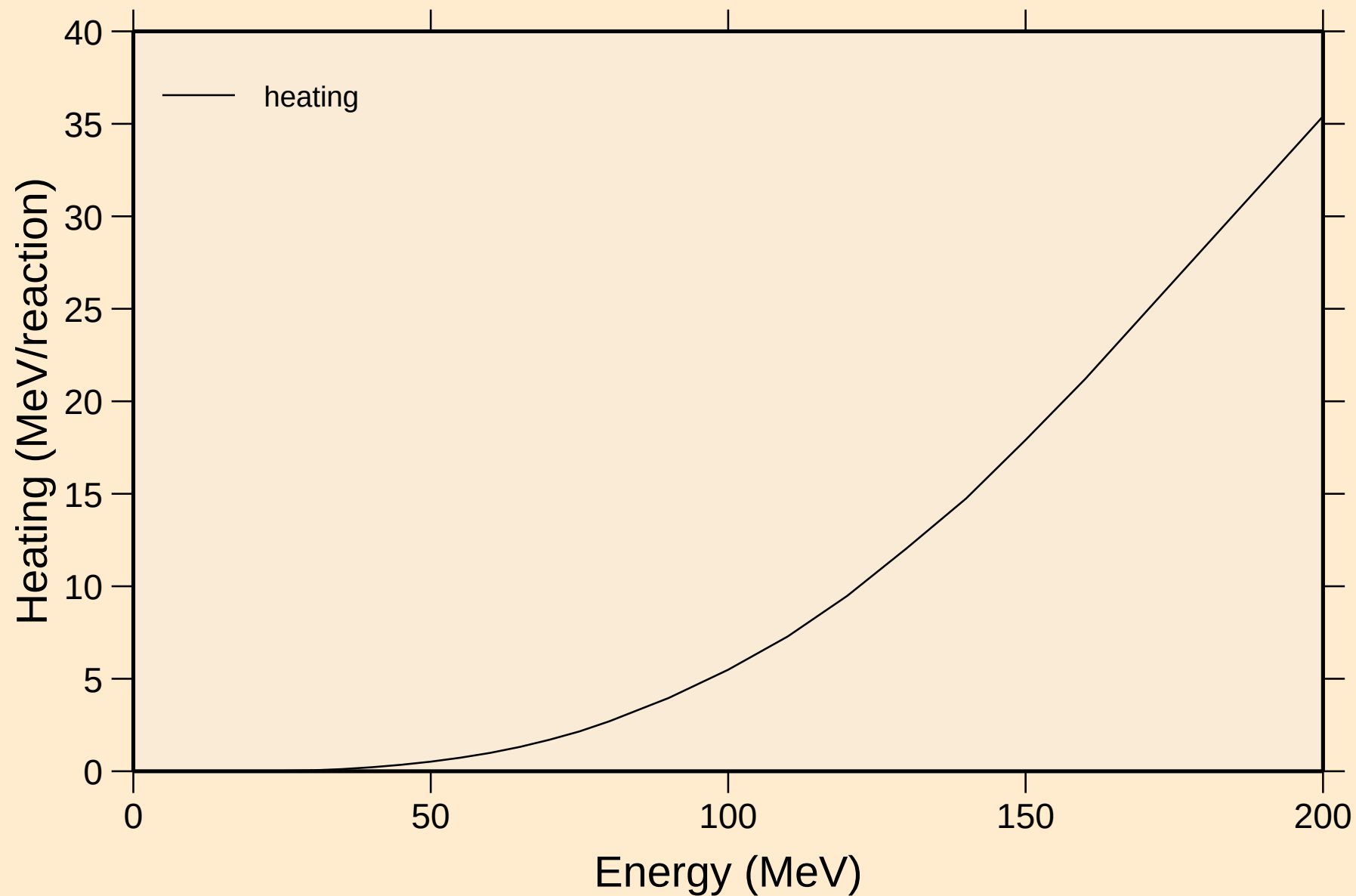
TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



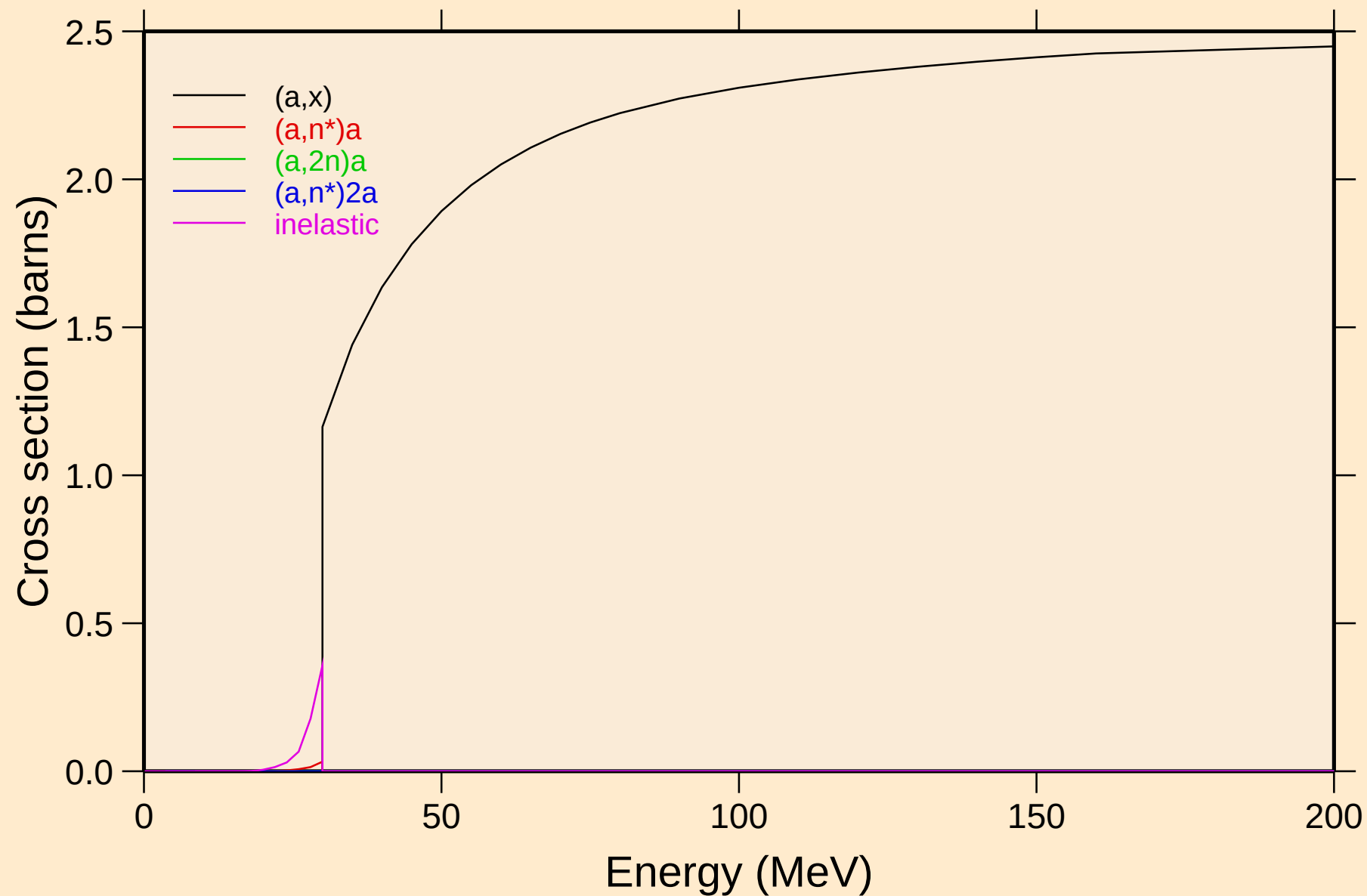
TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



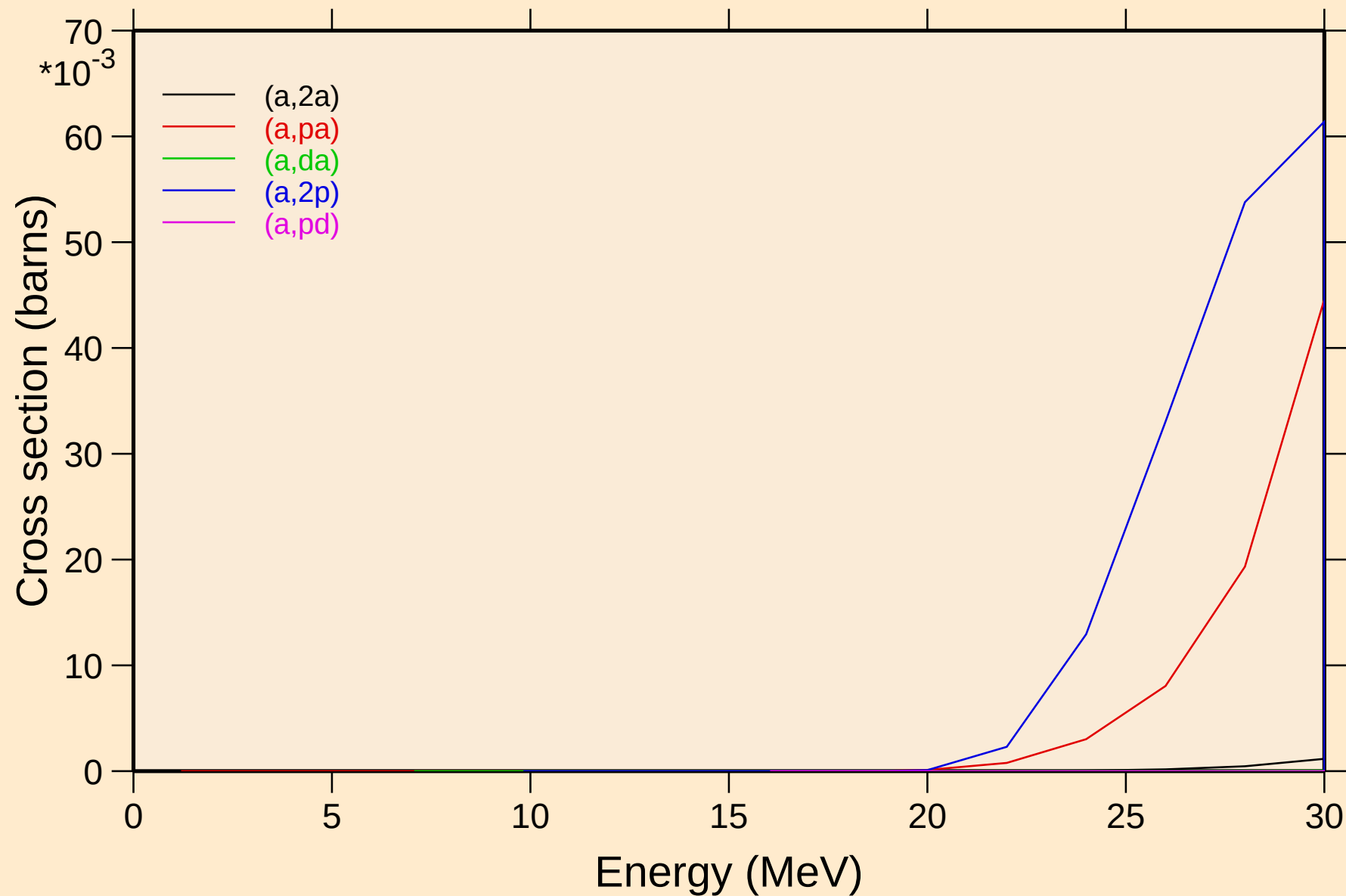
TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



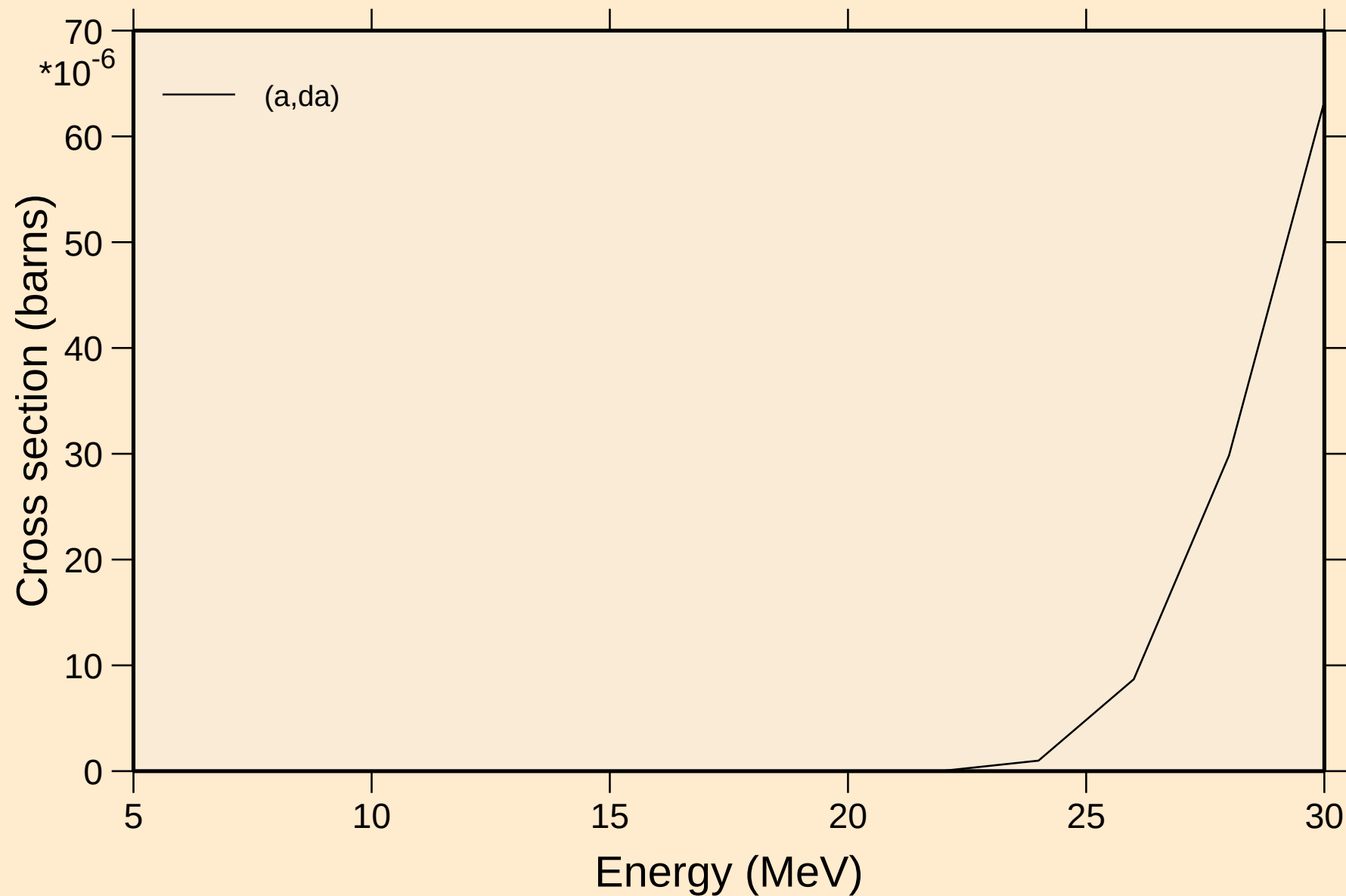
TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

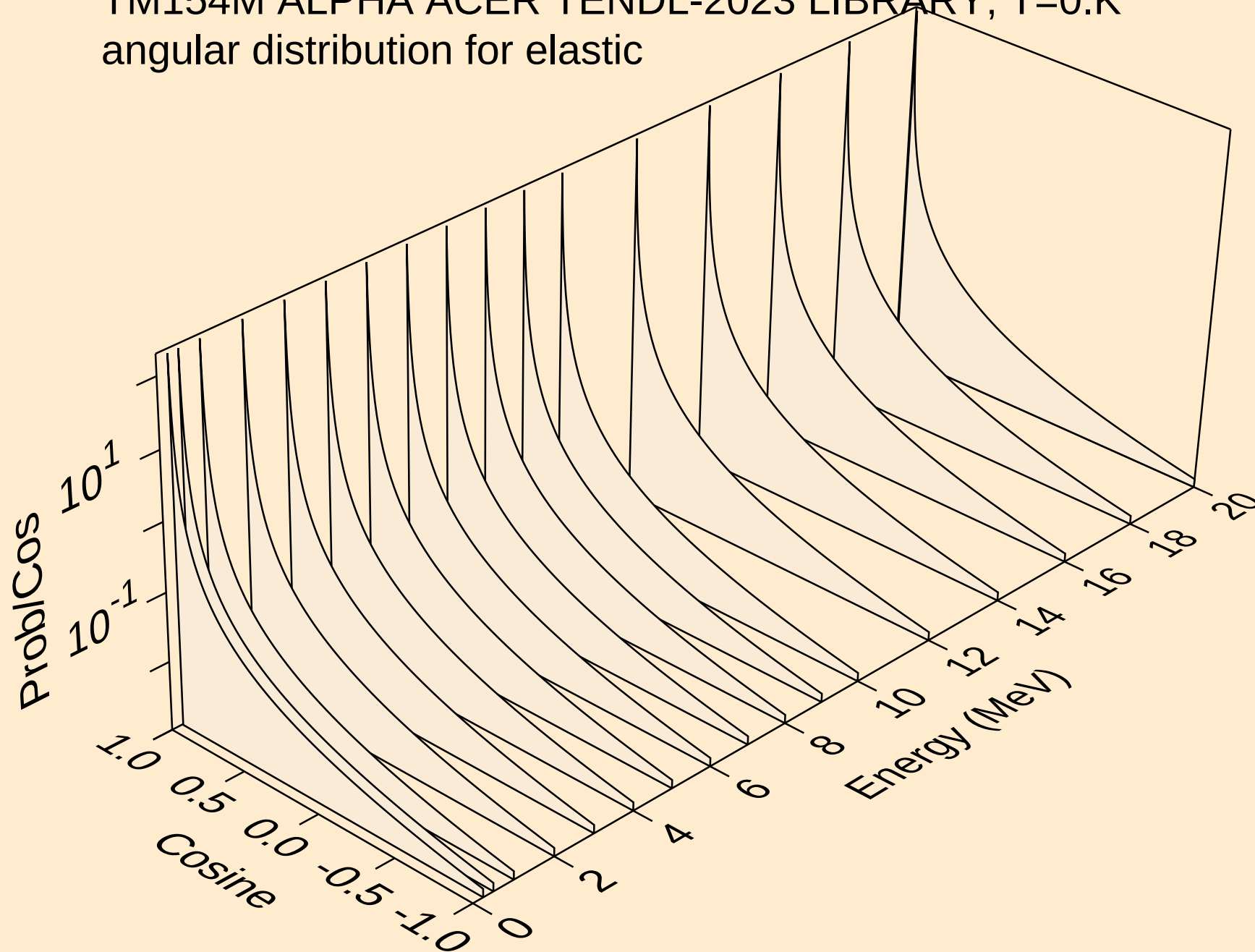


TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

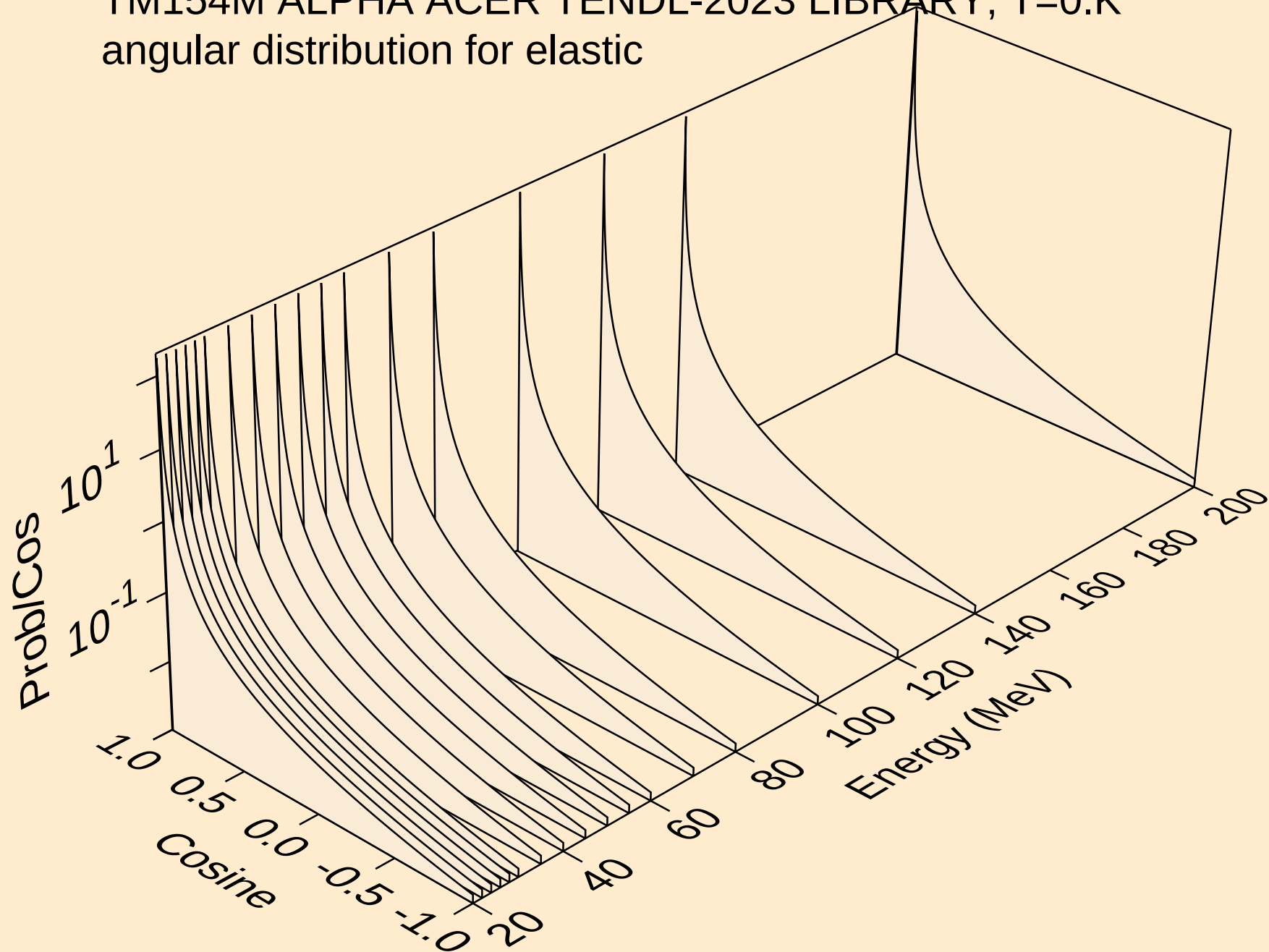
Threshold reactions



TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic

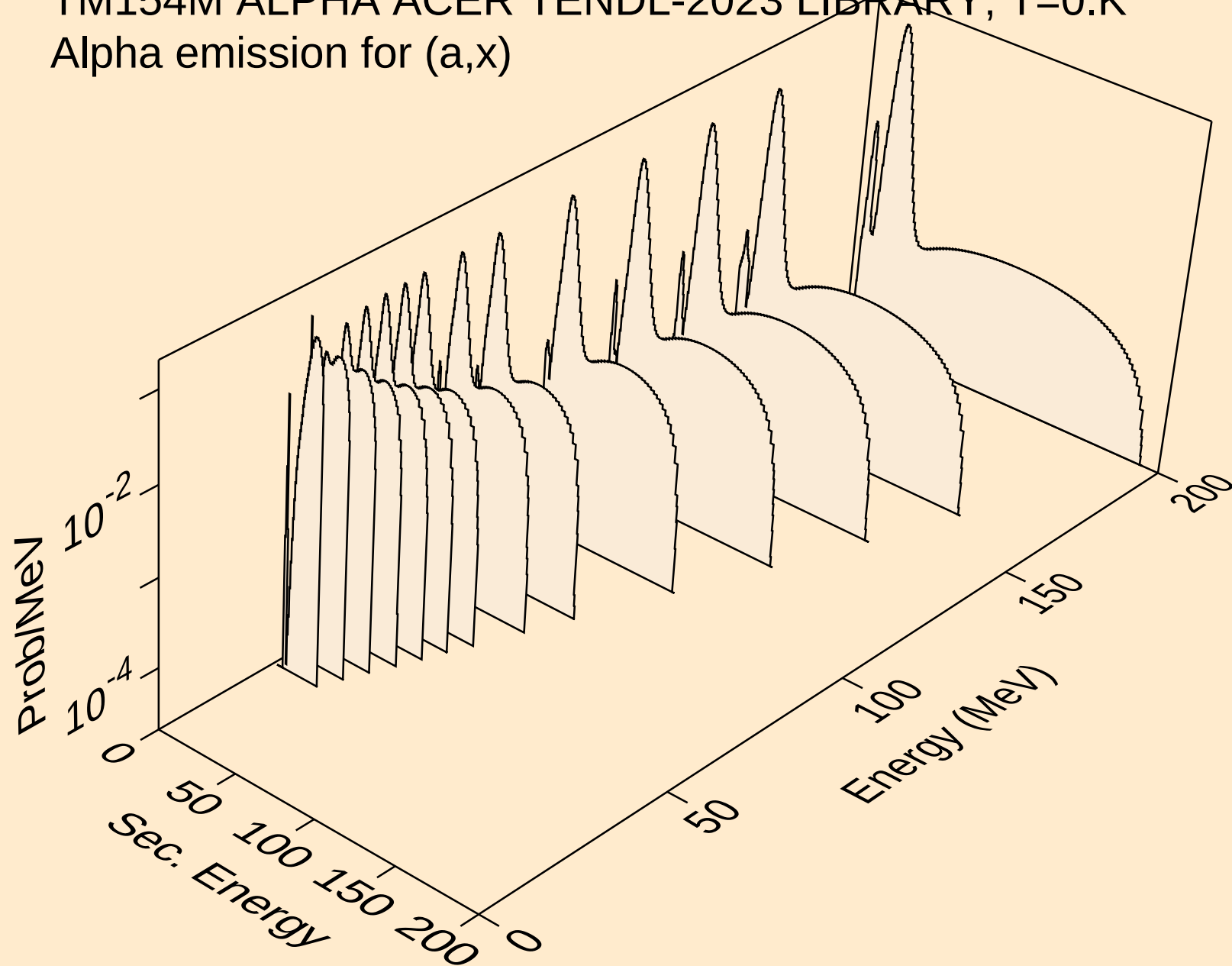


TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic

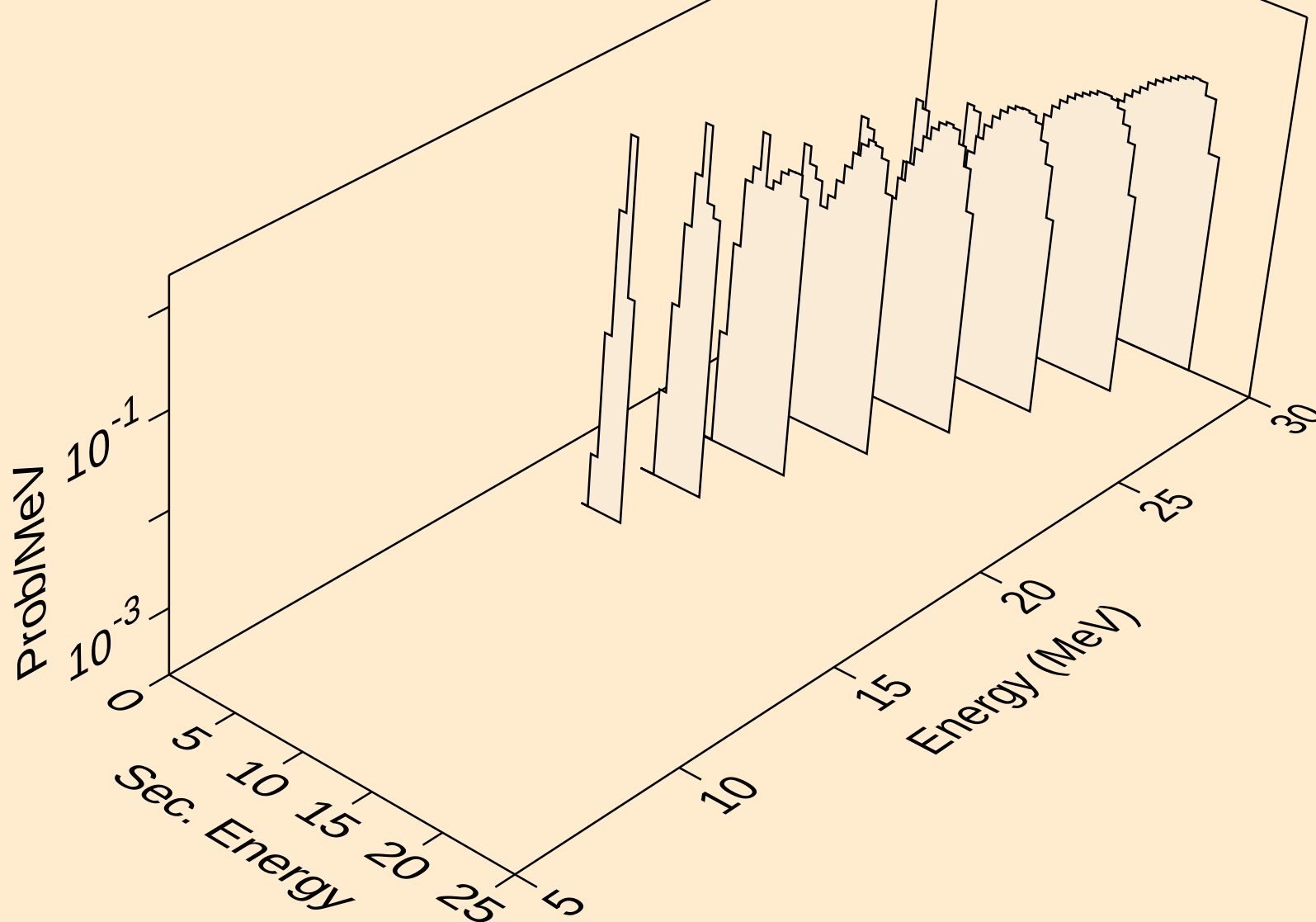


TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,x)

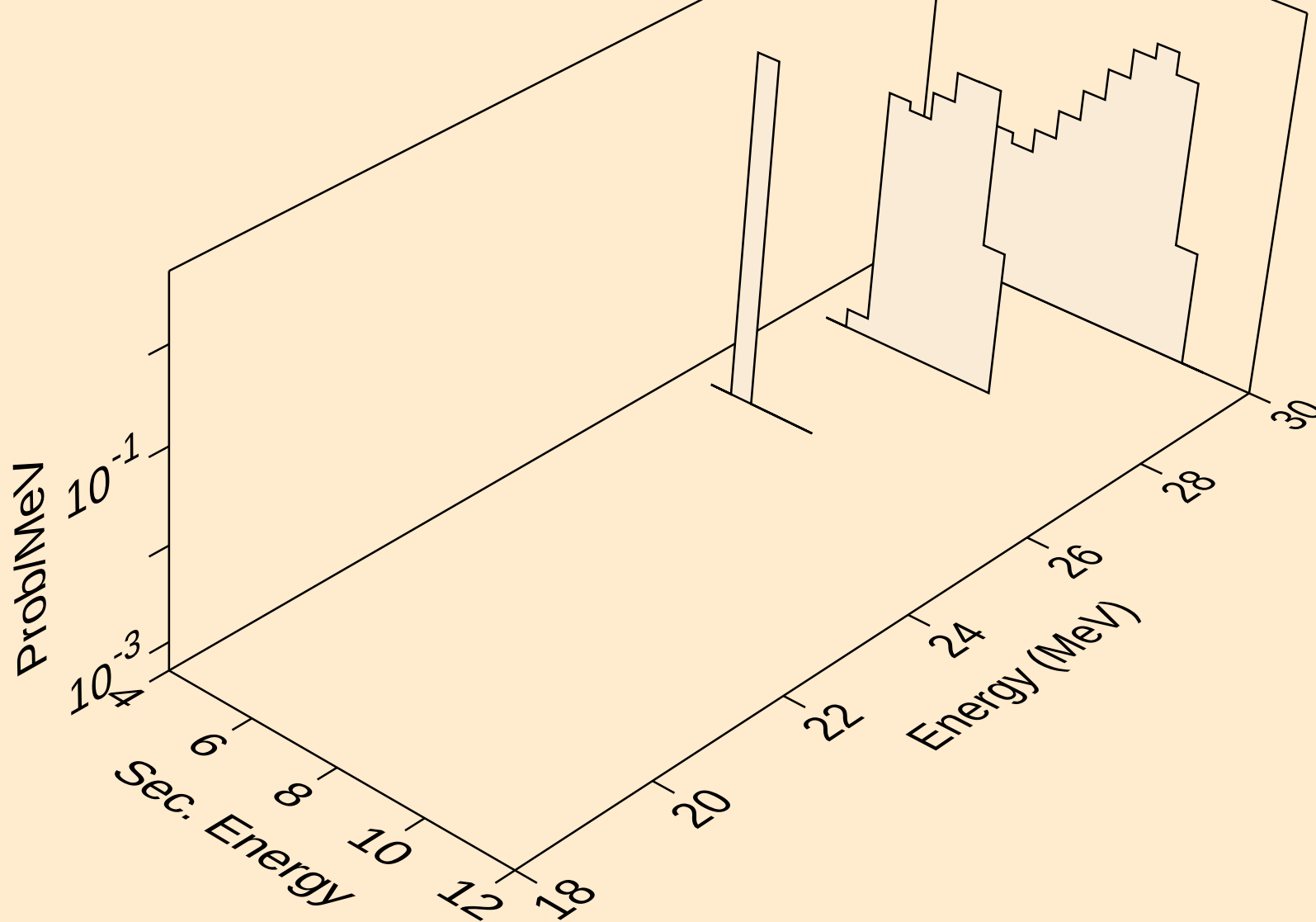


TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,n*)a



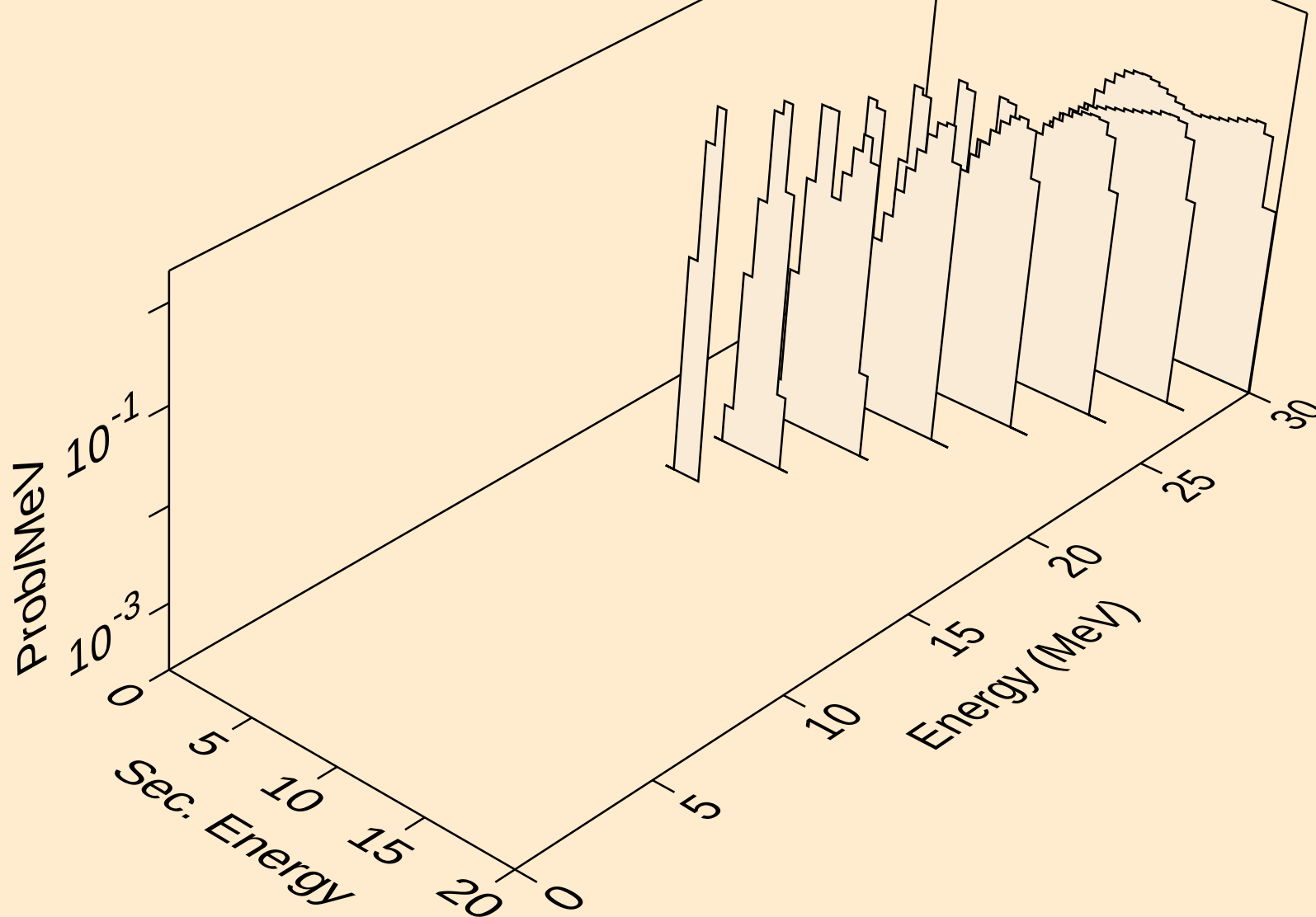
TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,2n)a



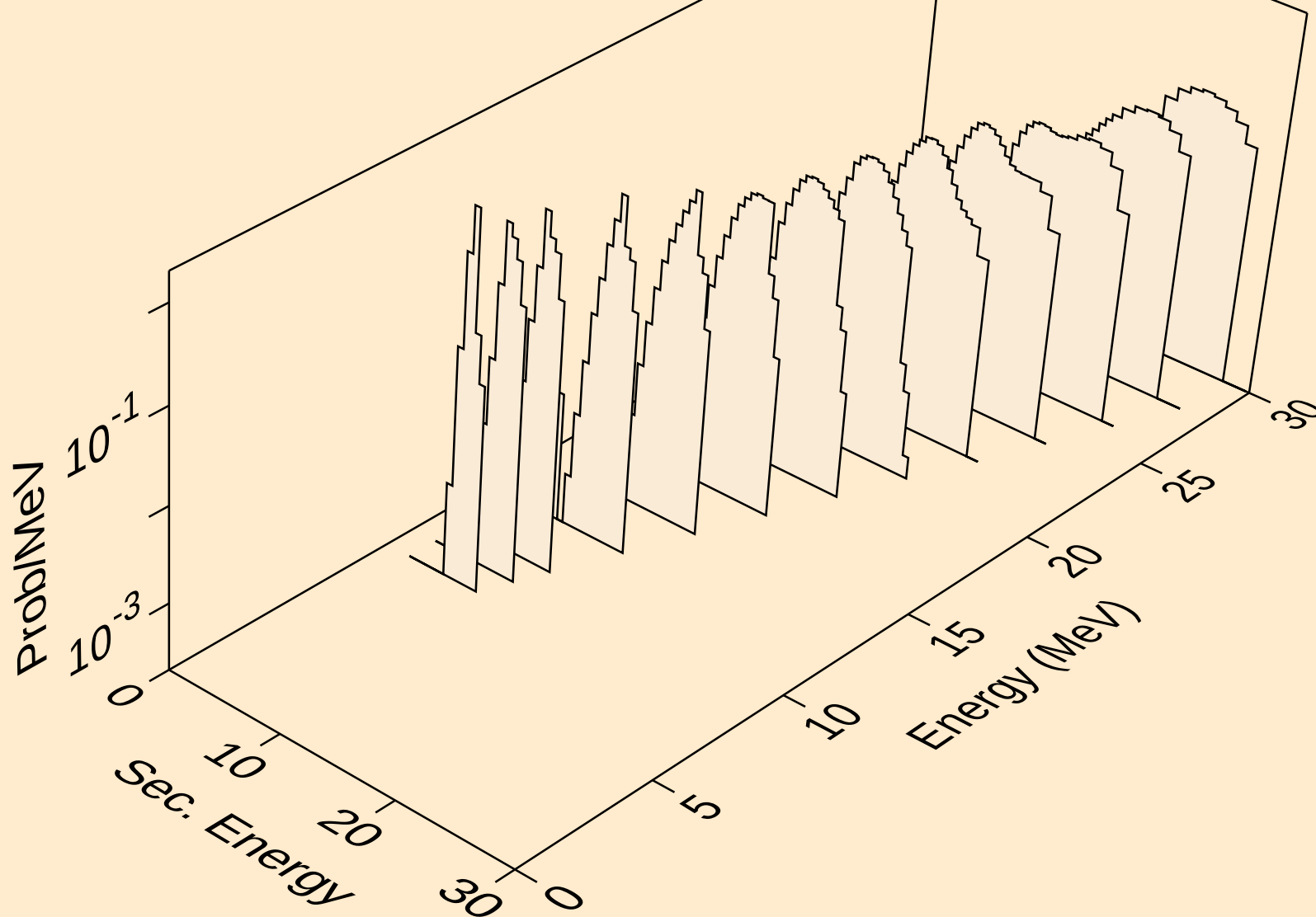
TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,n*)2a

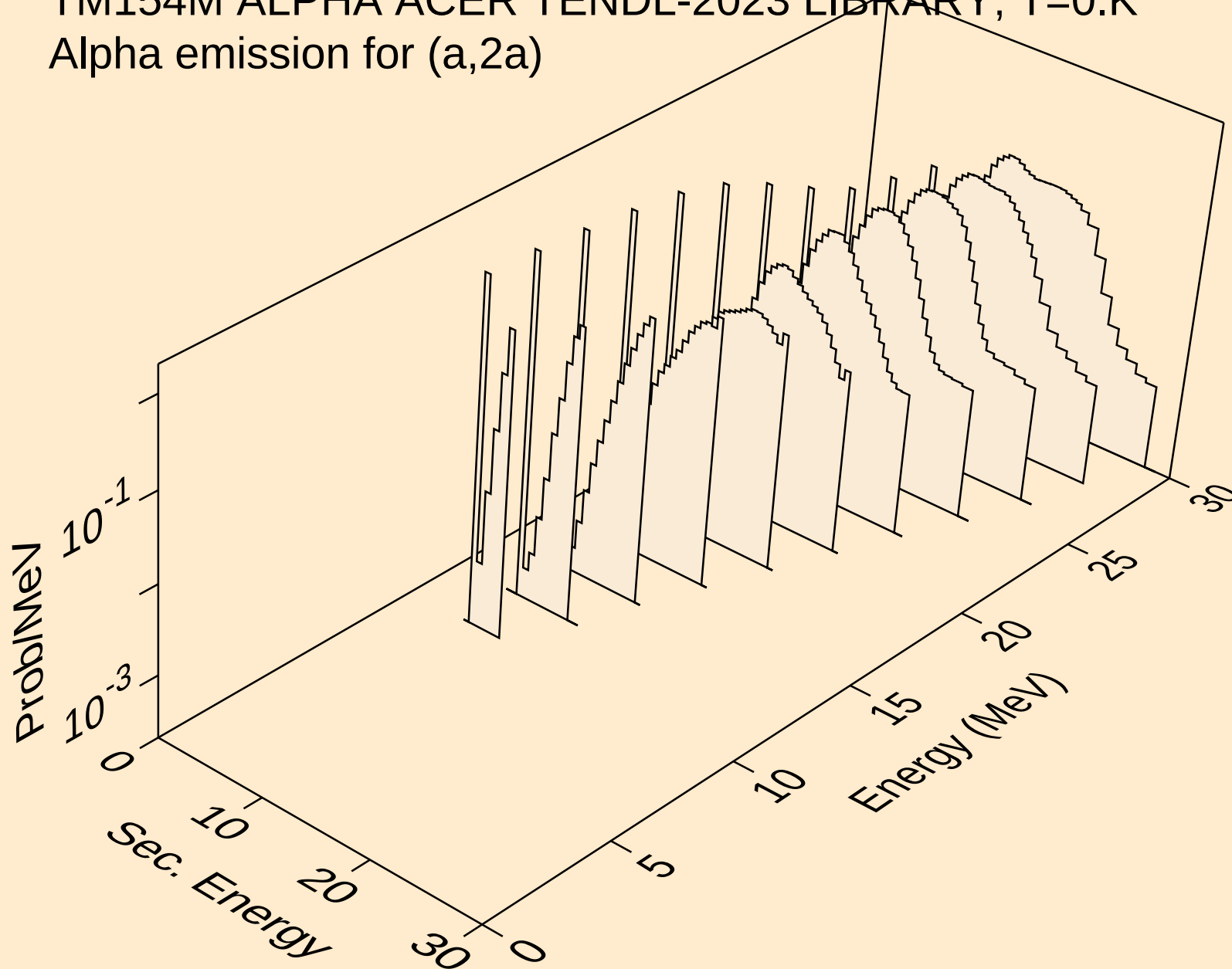


TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

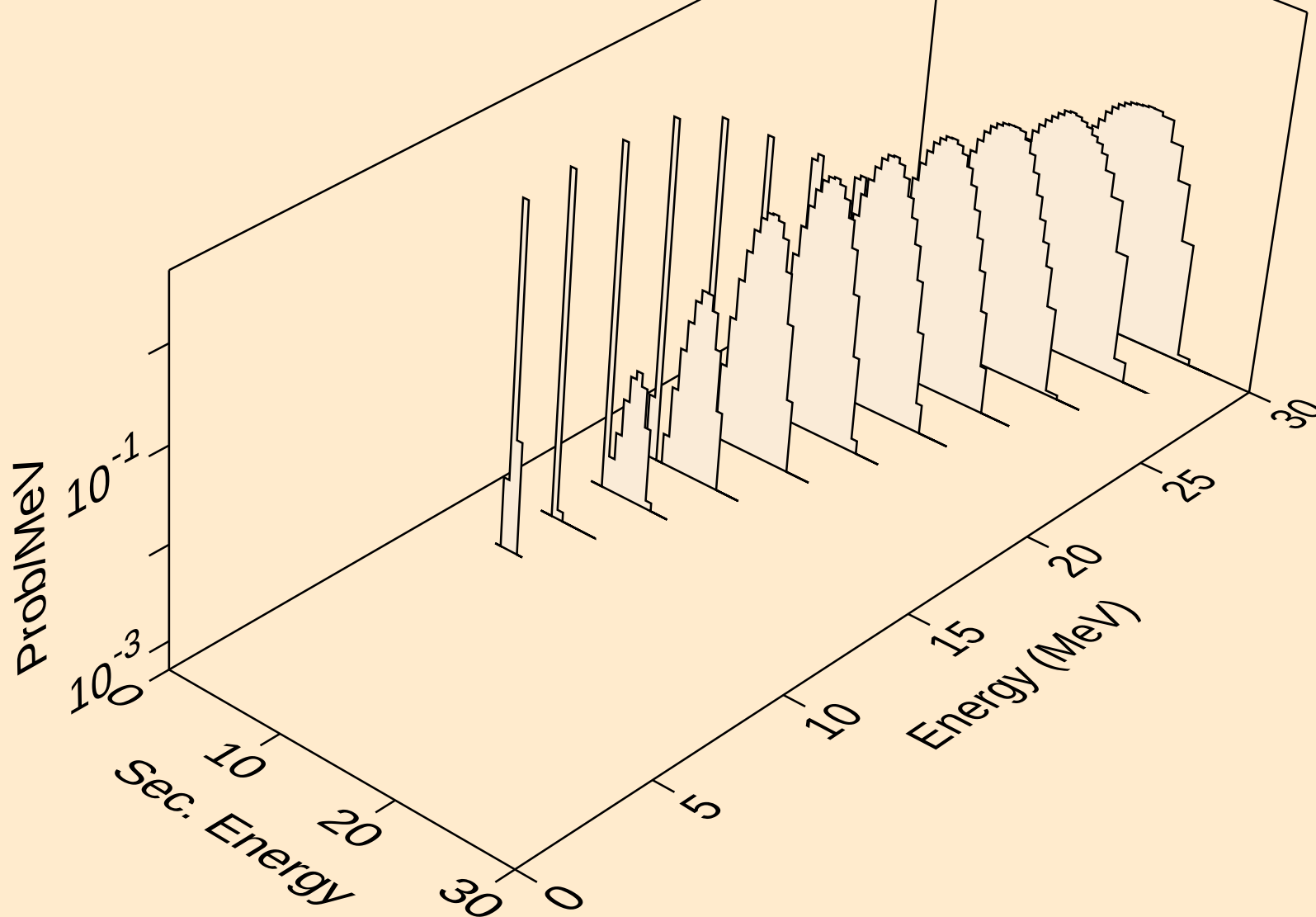
Alpha emission for inelastic



TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,2a)

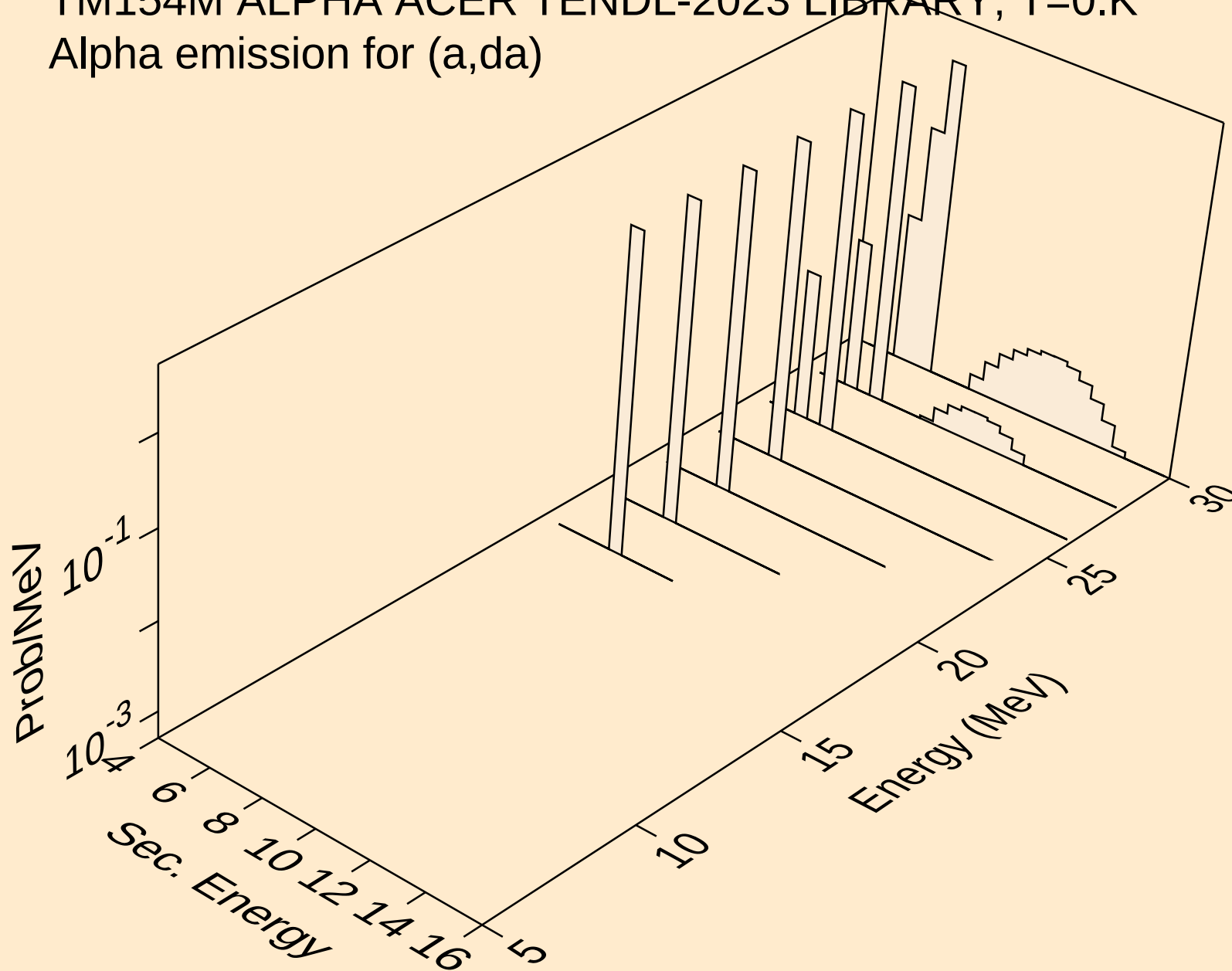


TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,pa)

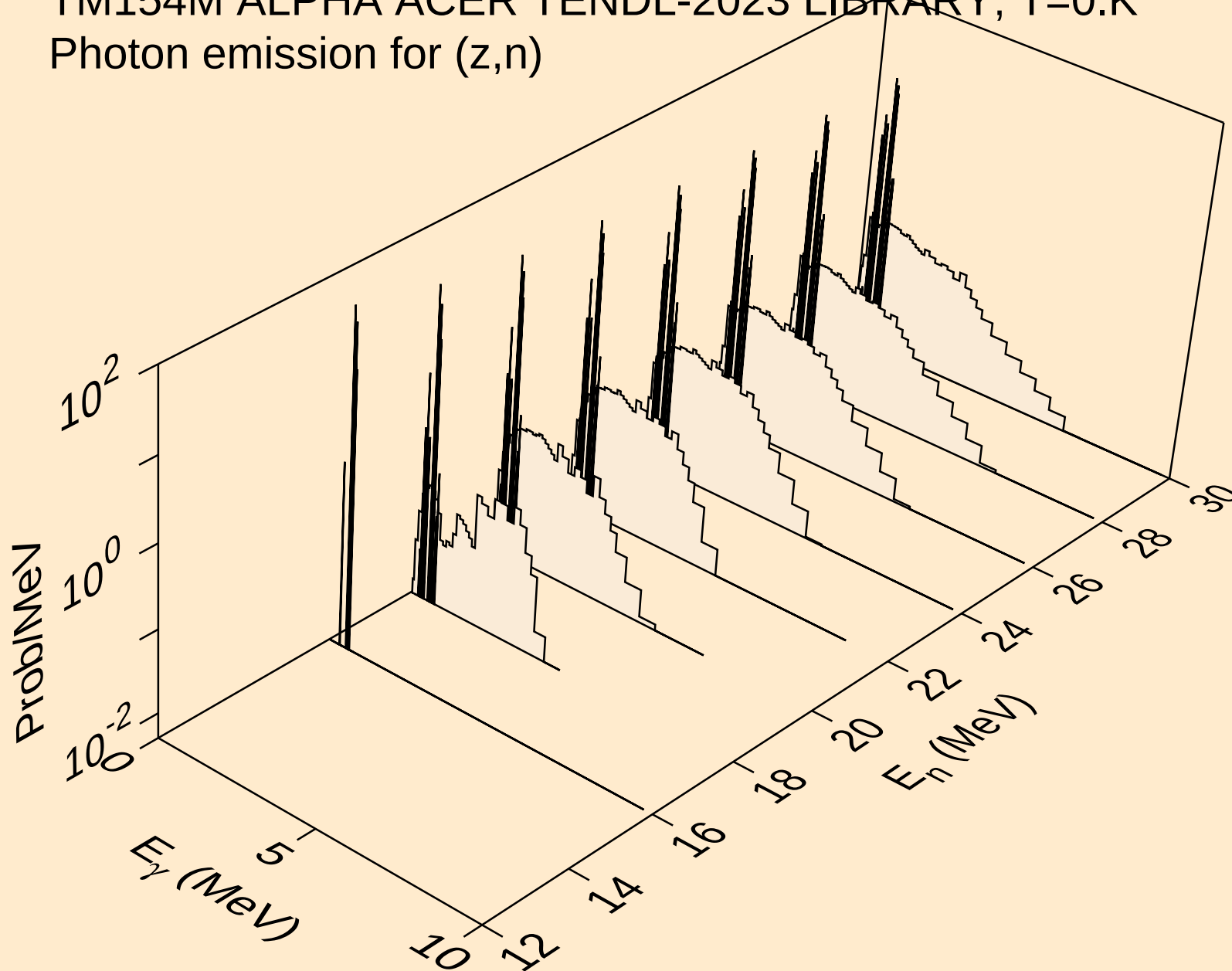


TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,da)

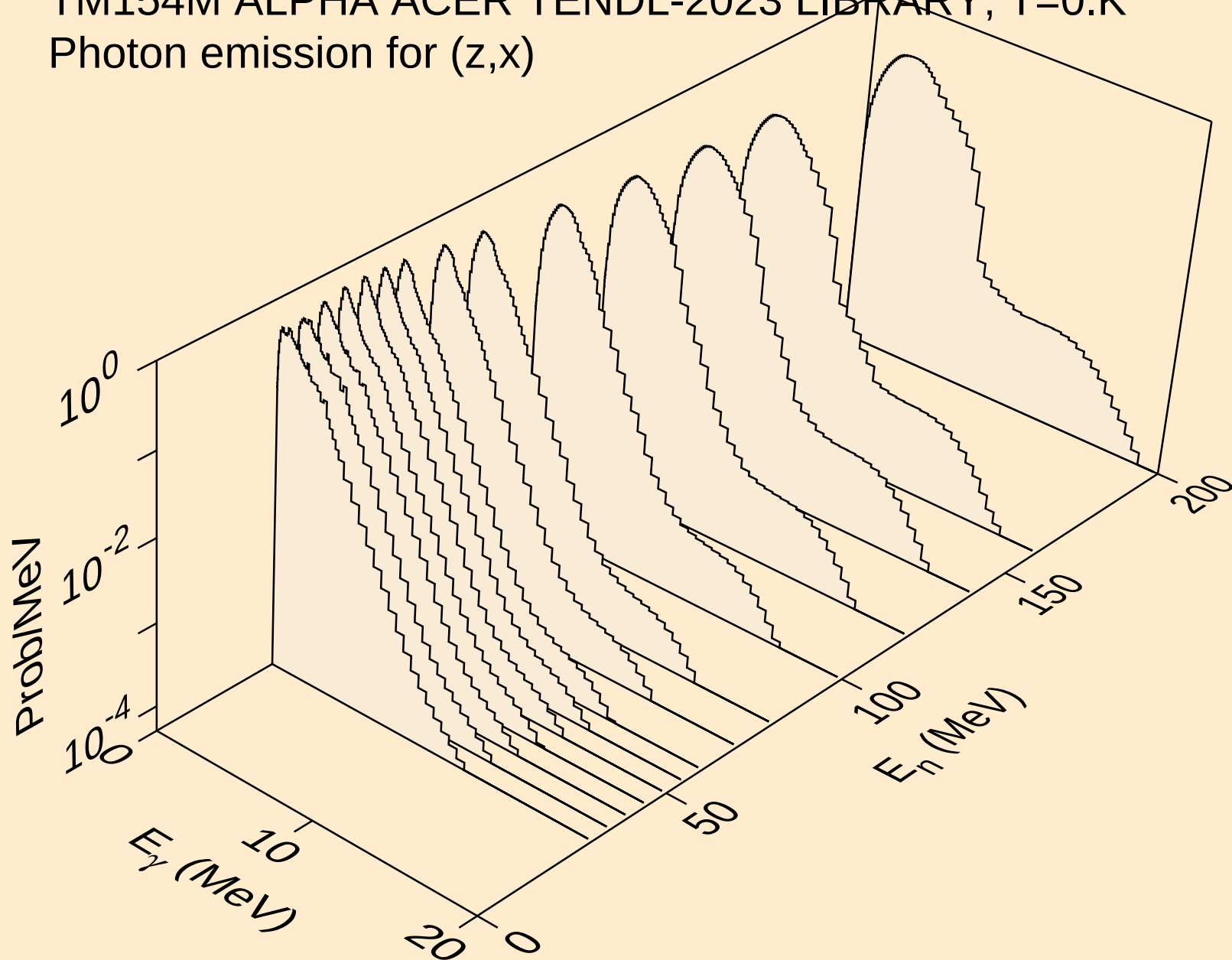


TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,n)

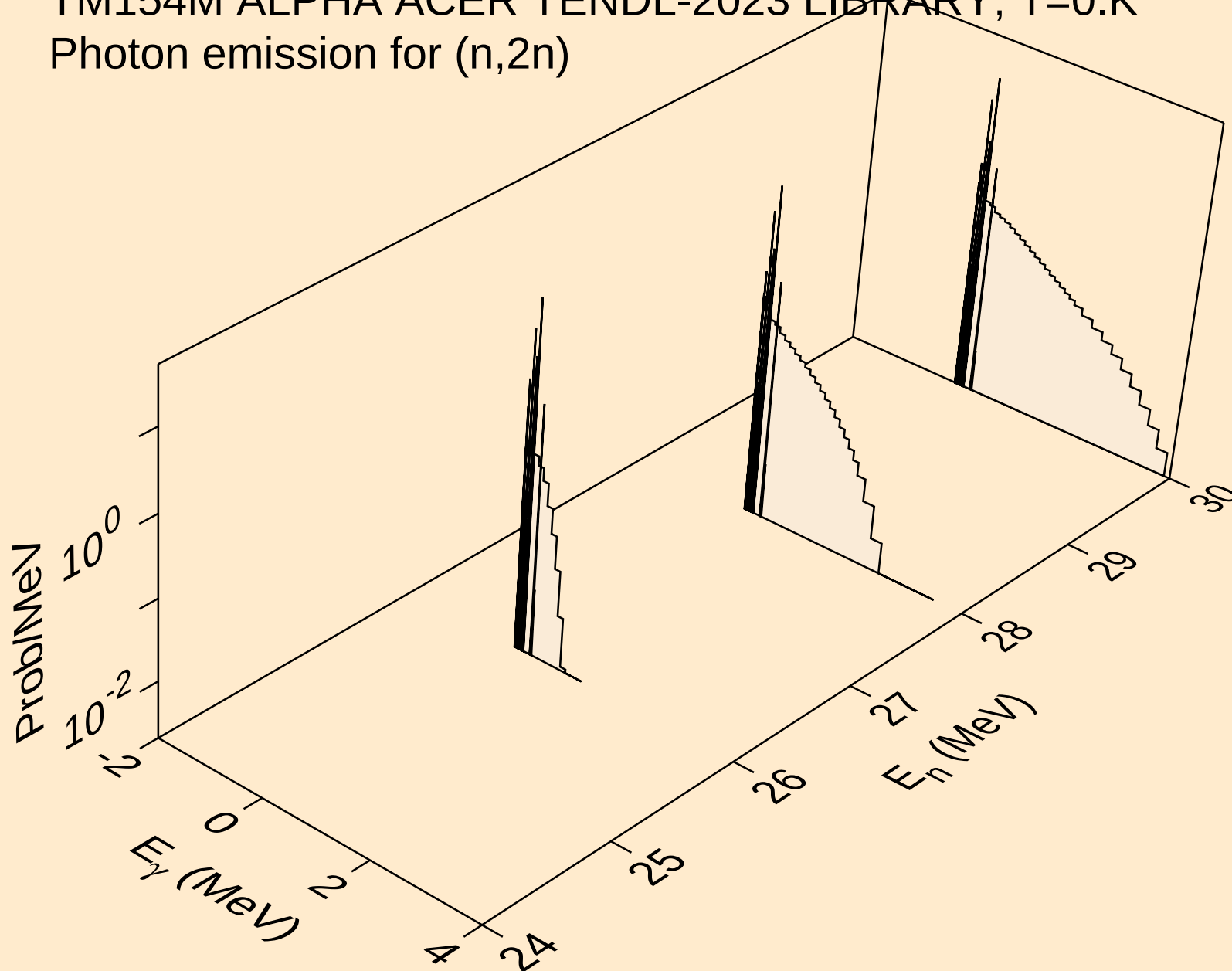


TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

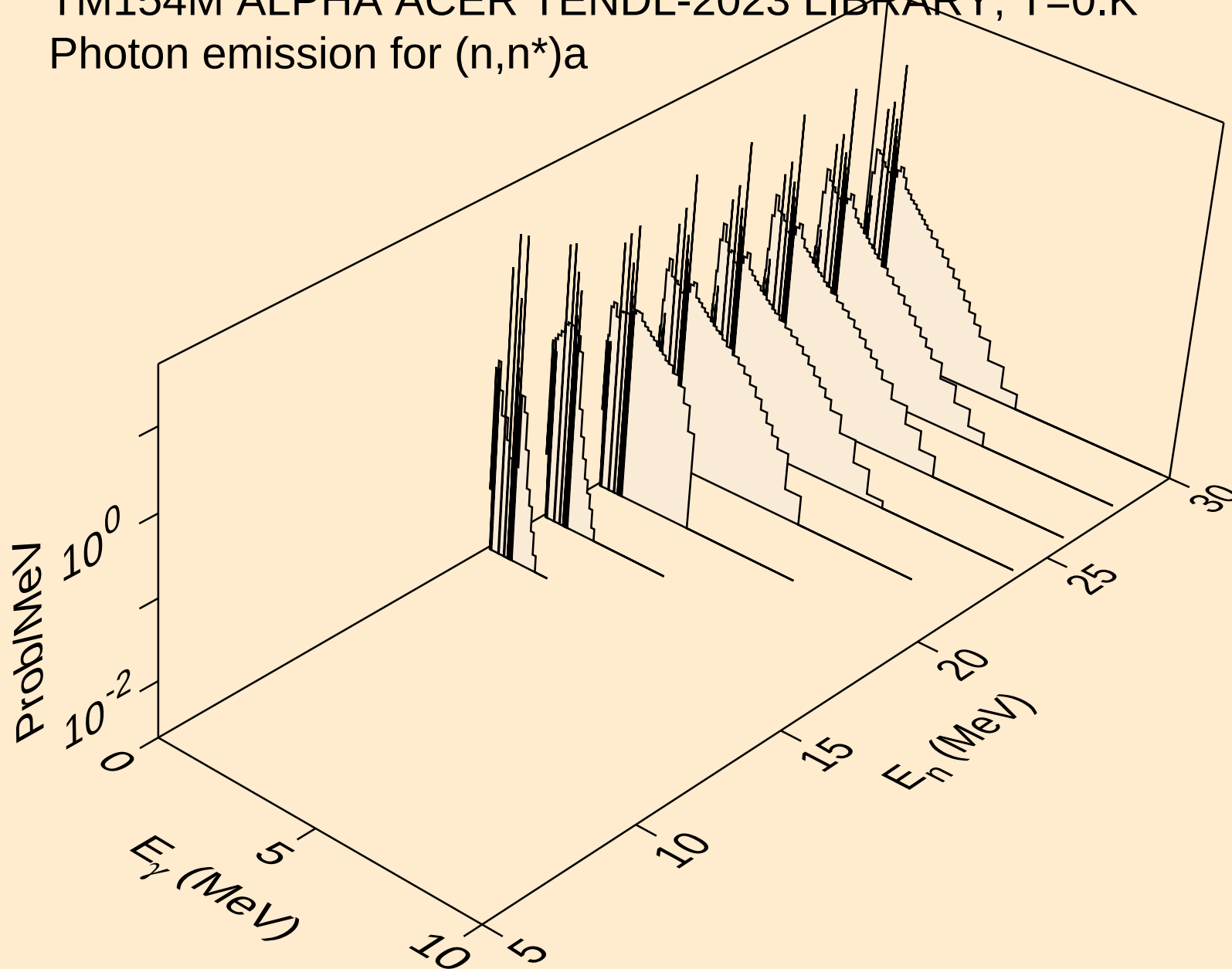
Photon emission for (z,x)



TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)

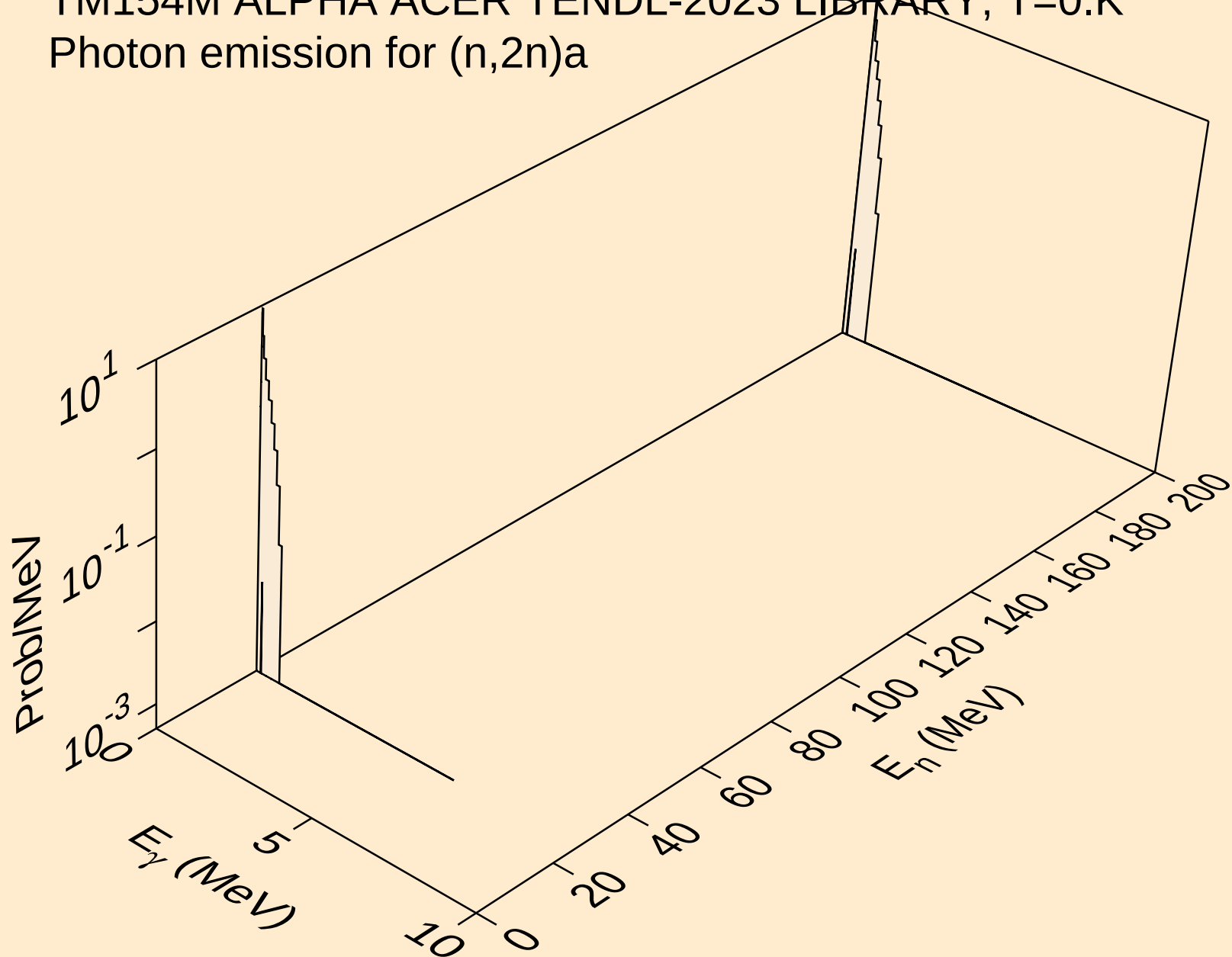


TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a



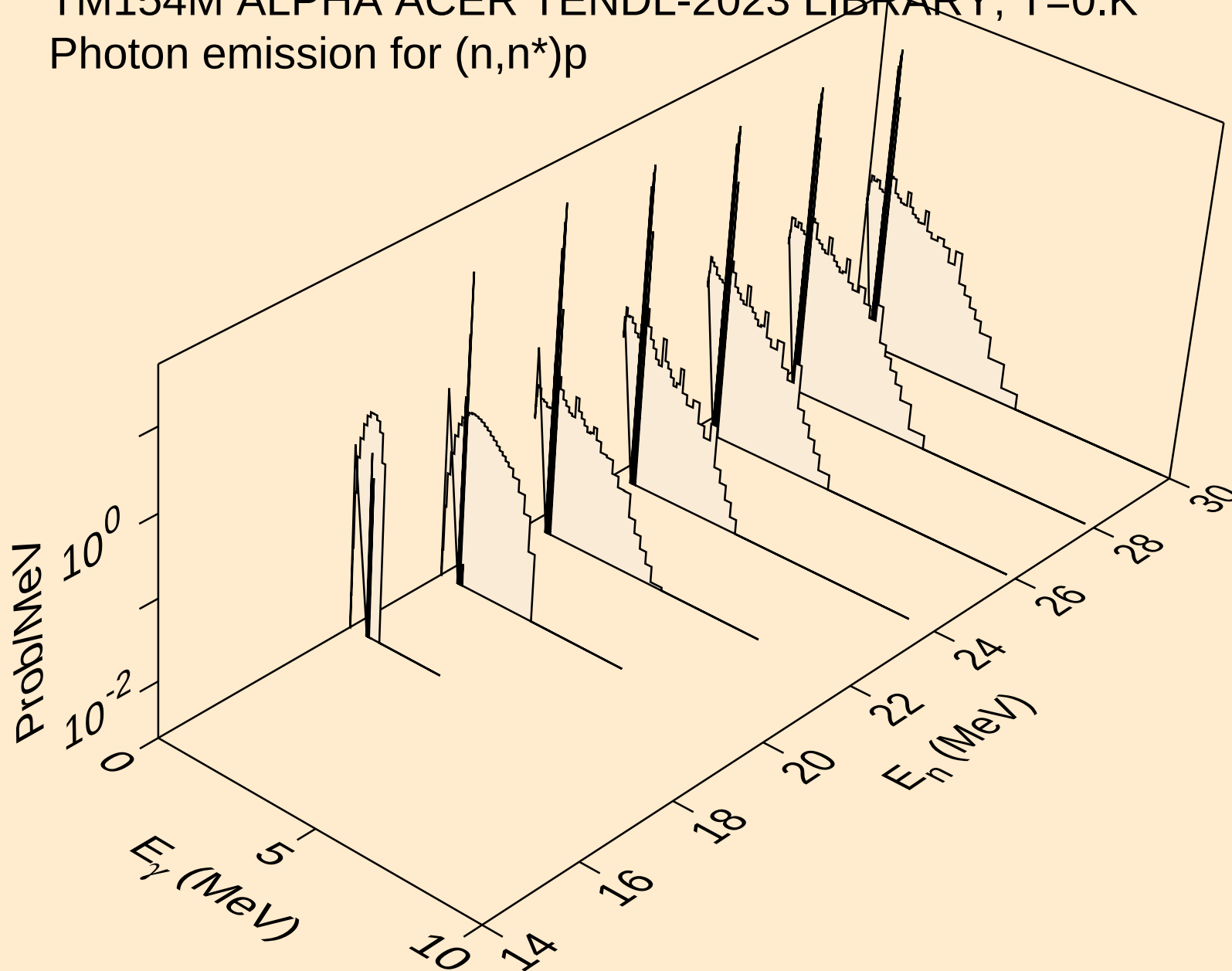
TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,2n) α

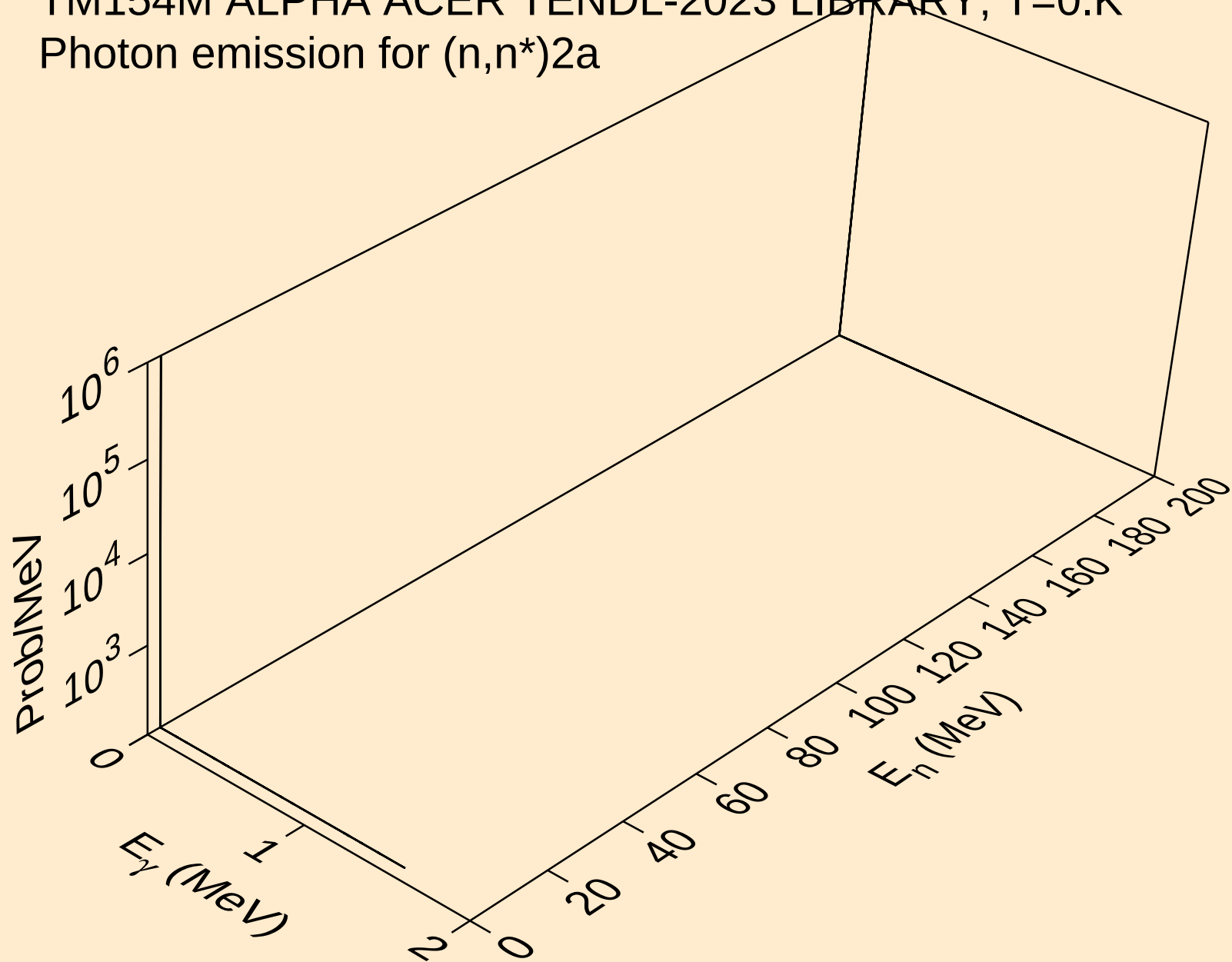


TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

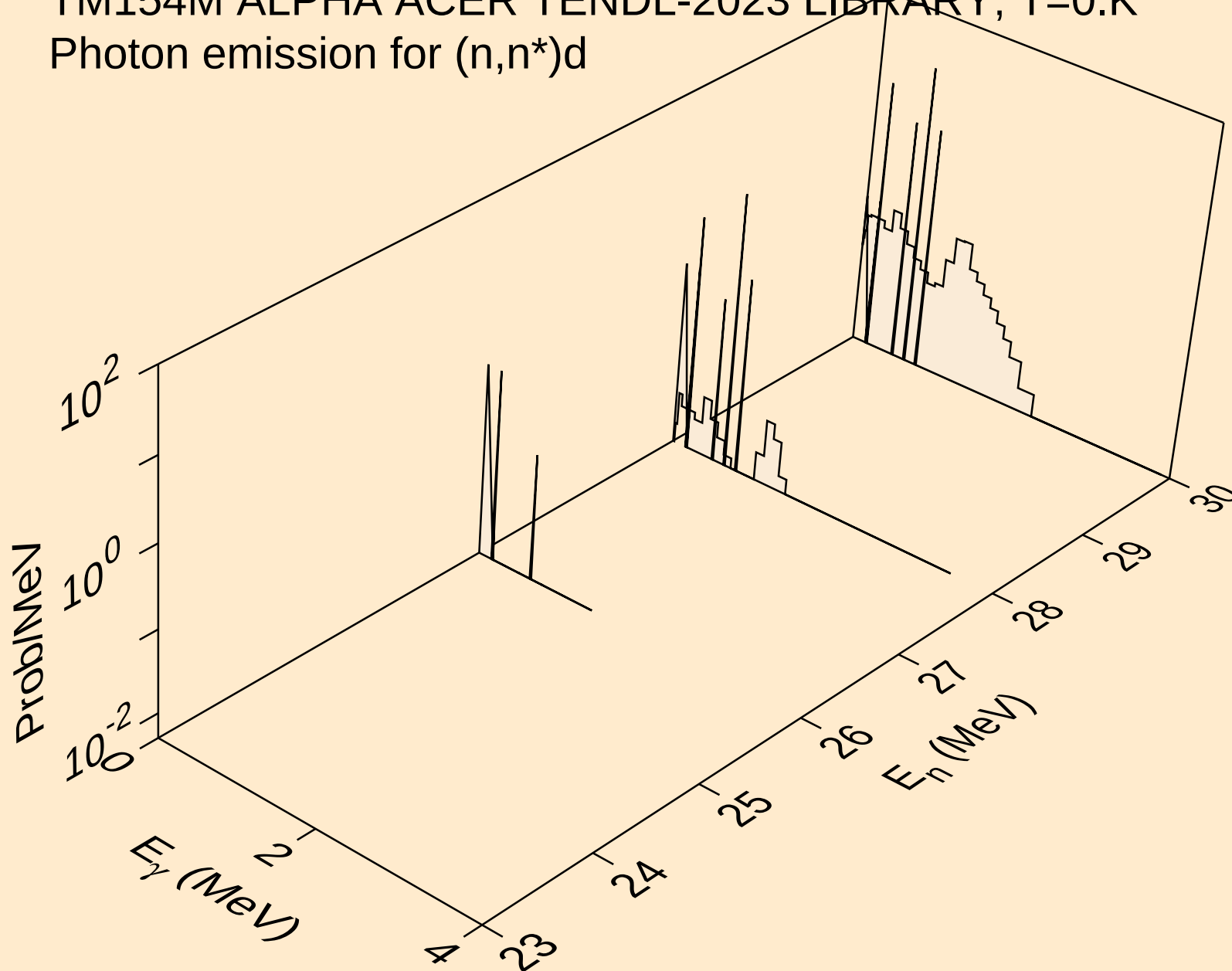
Photon emission for (n,n*)p



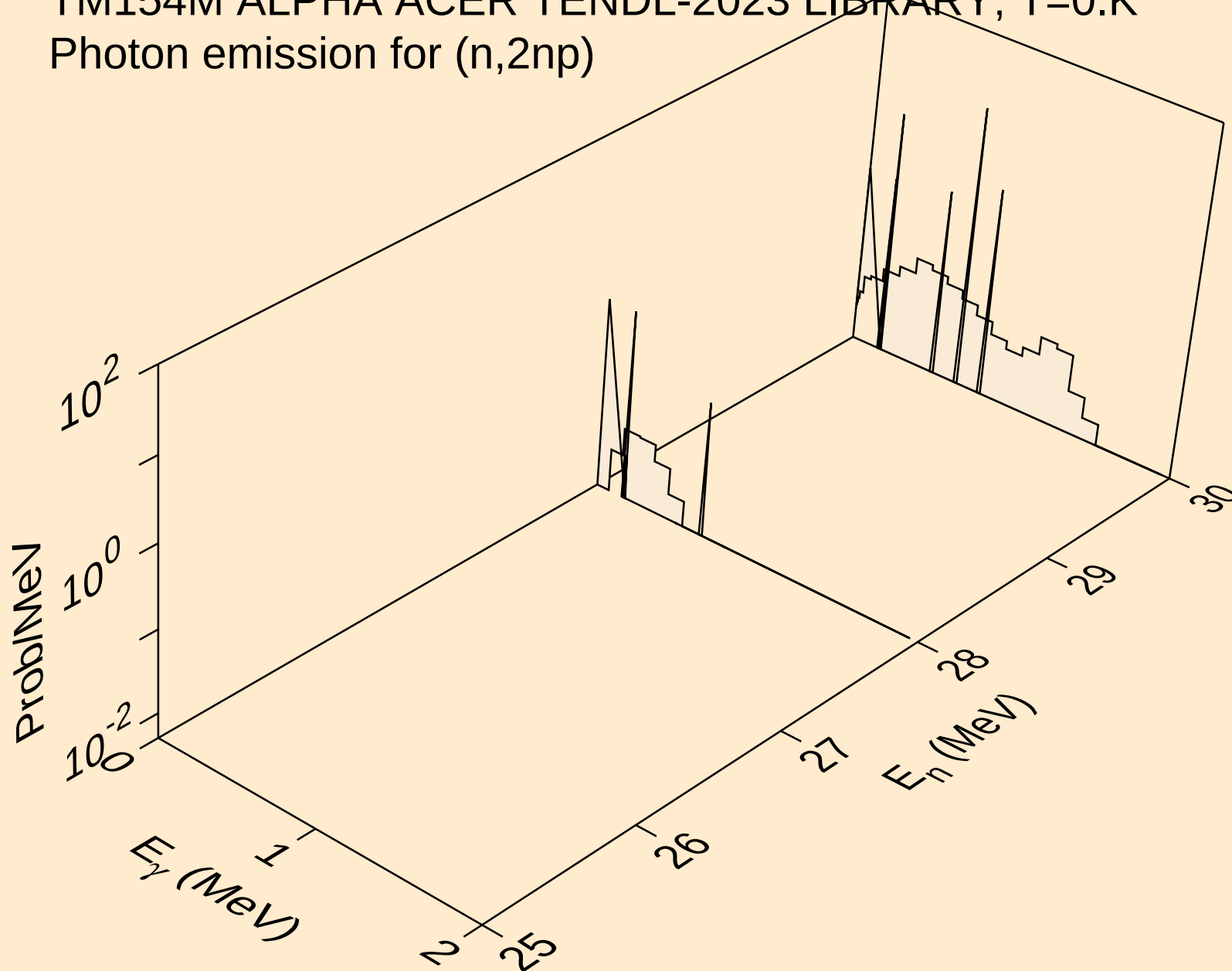
TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)2a



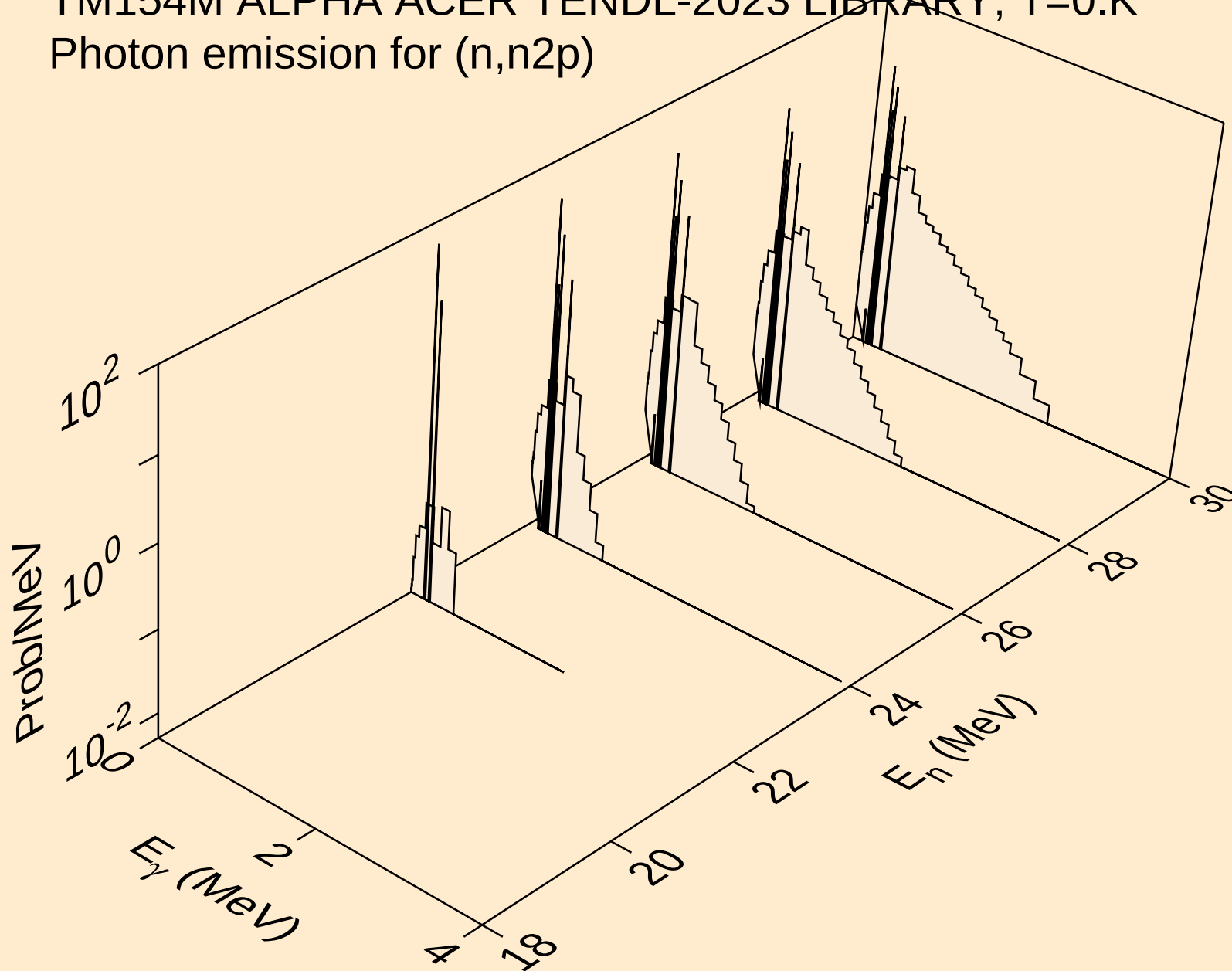
TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d



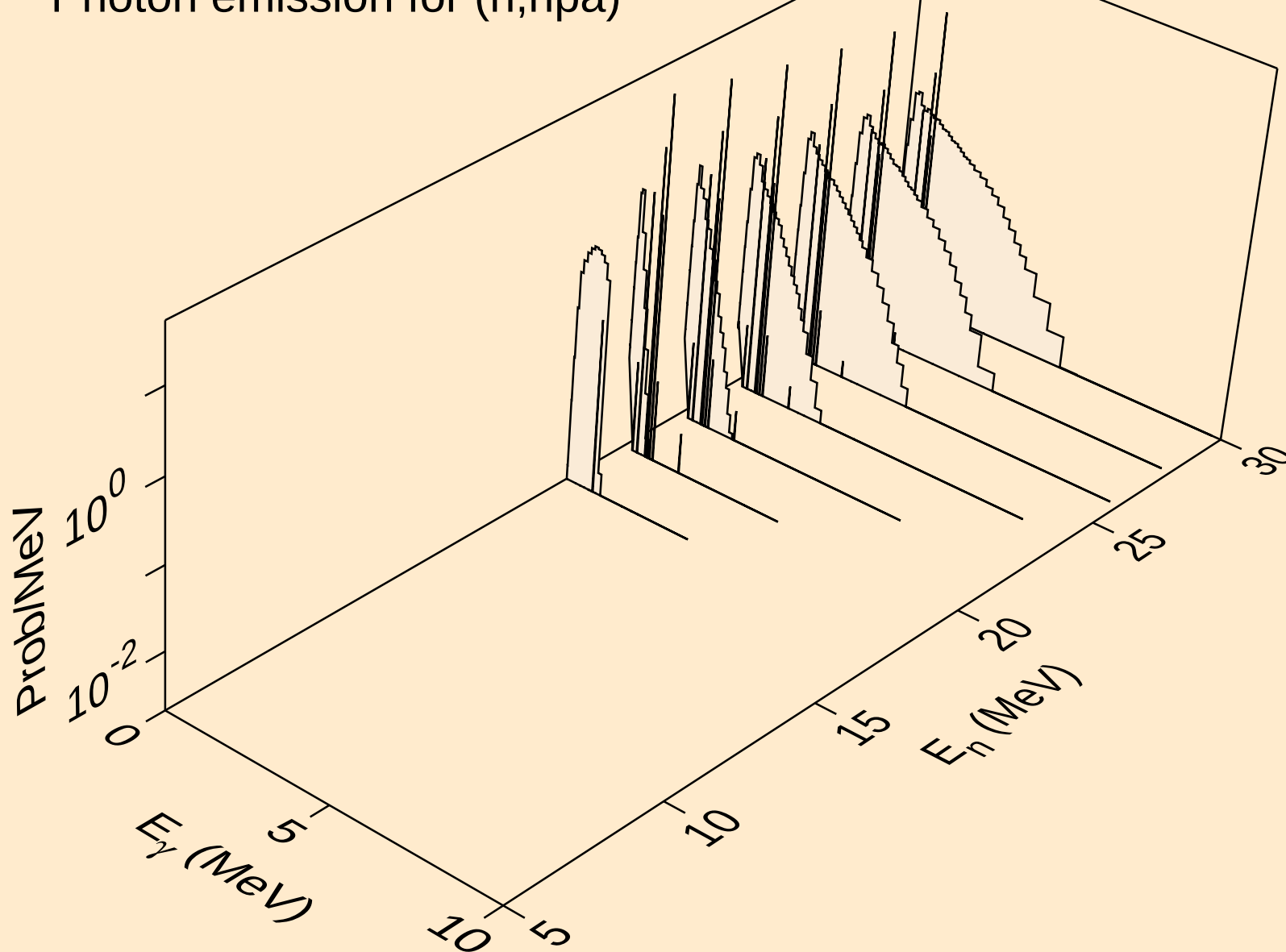
TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



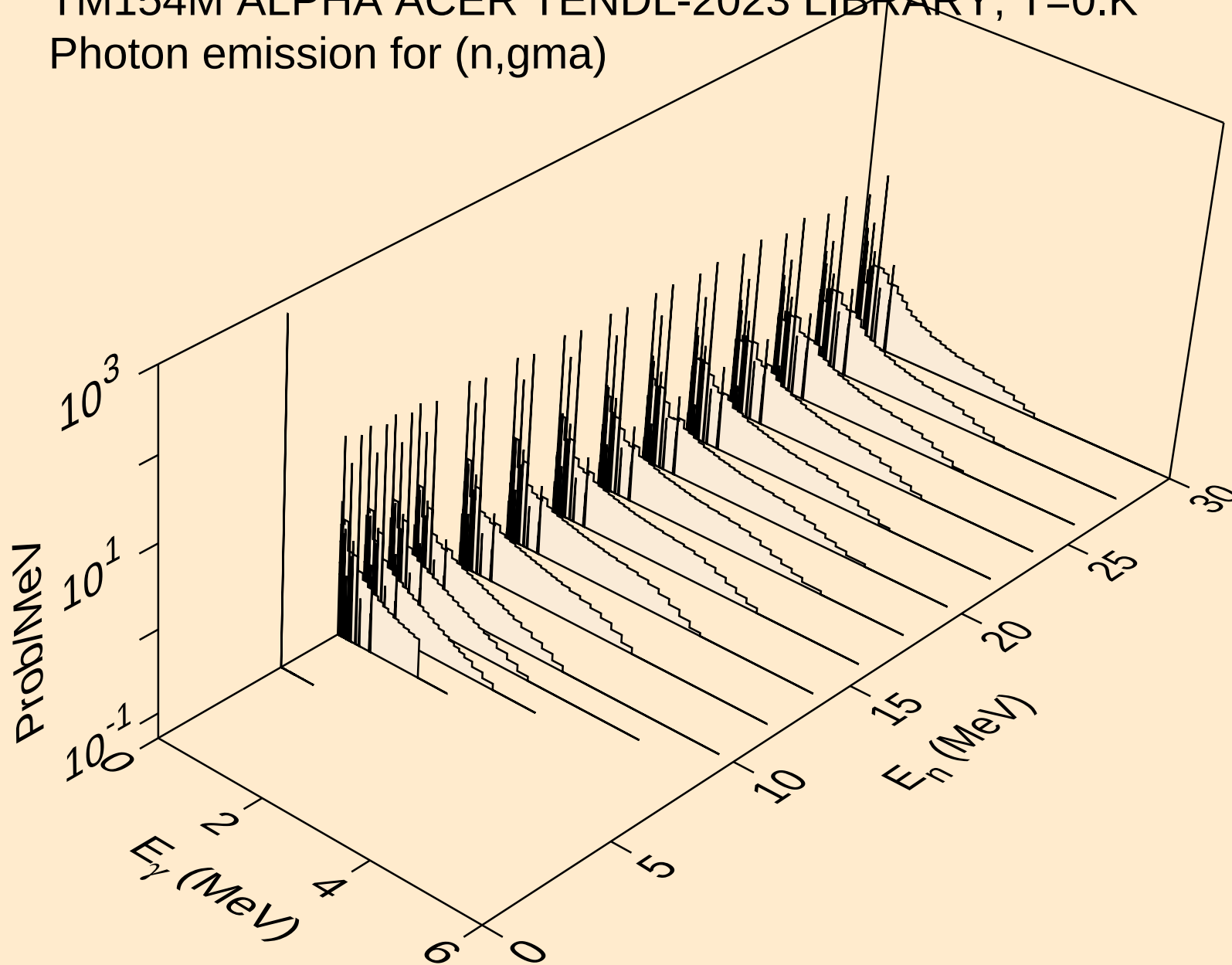
TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



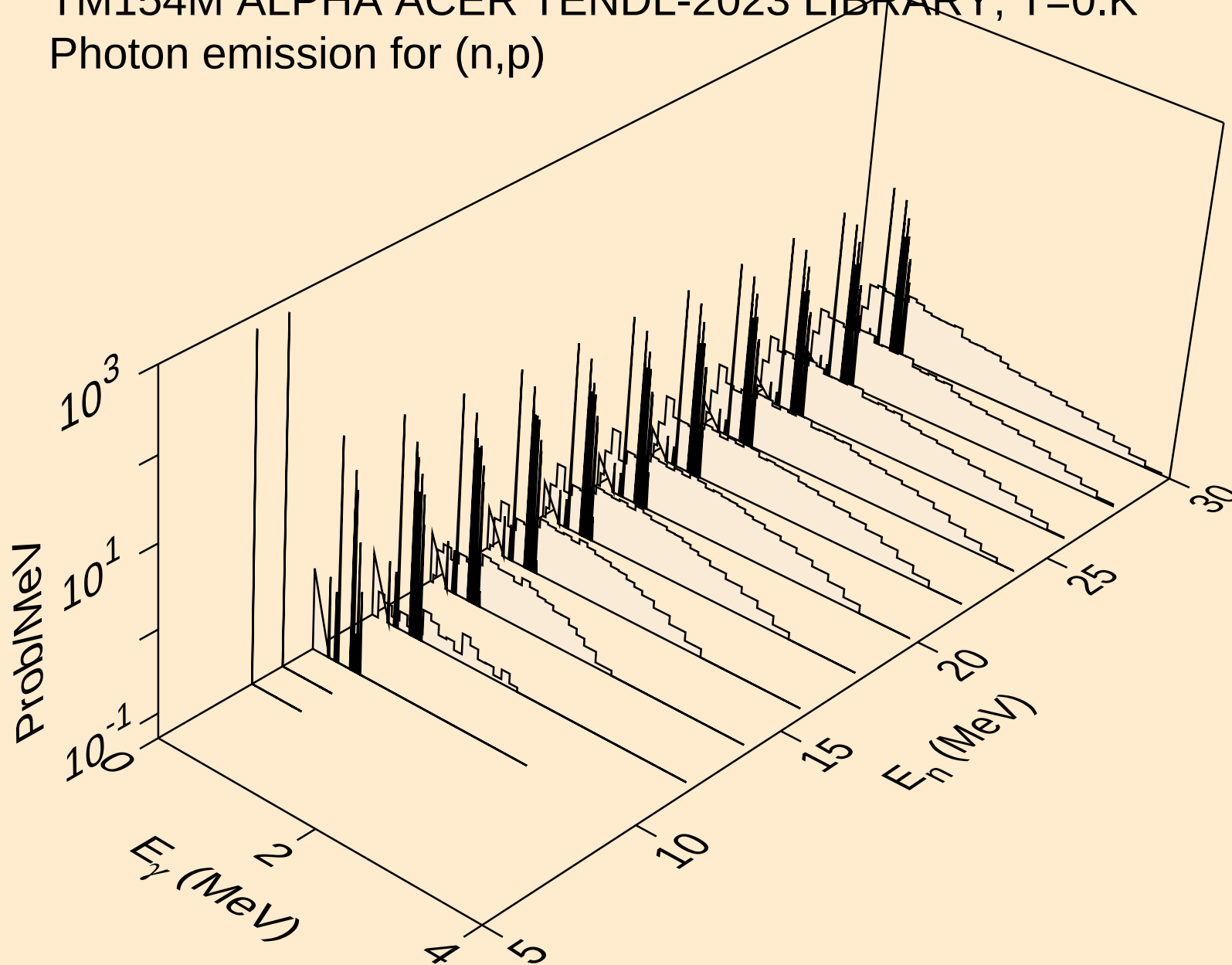
TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,npa)



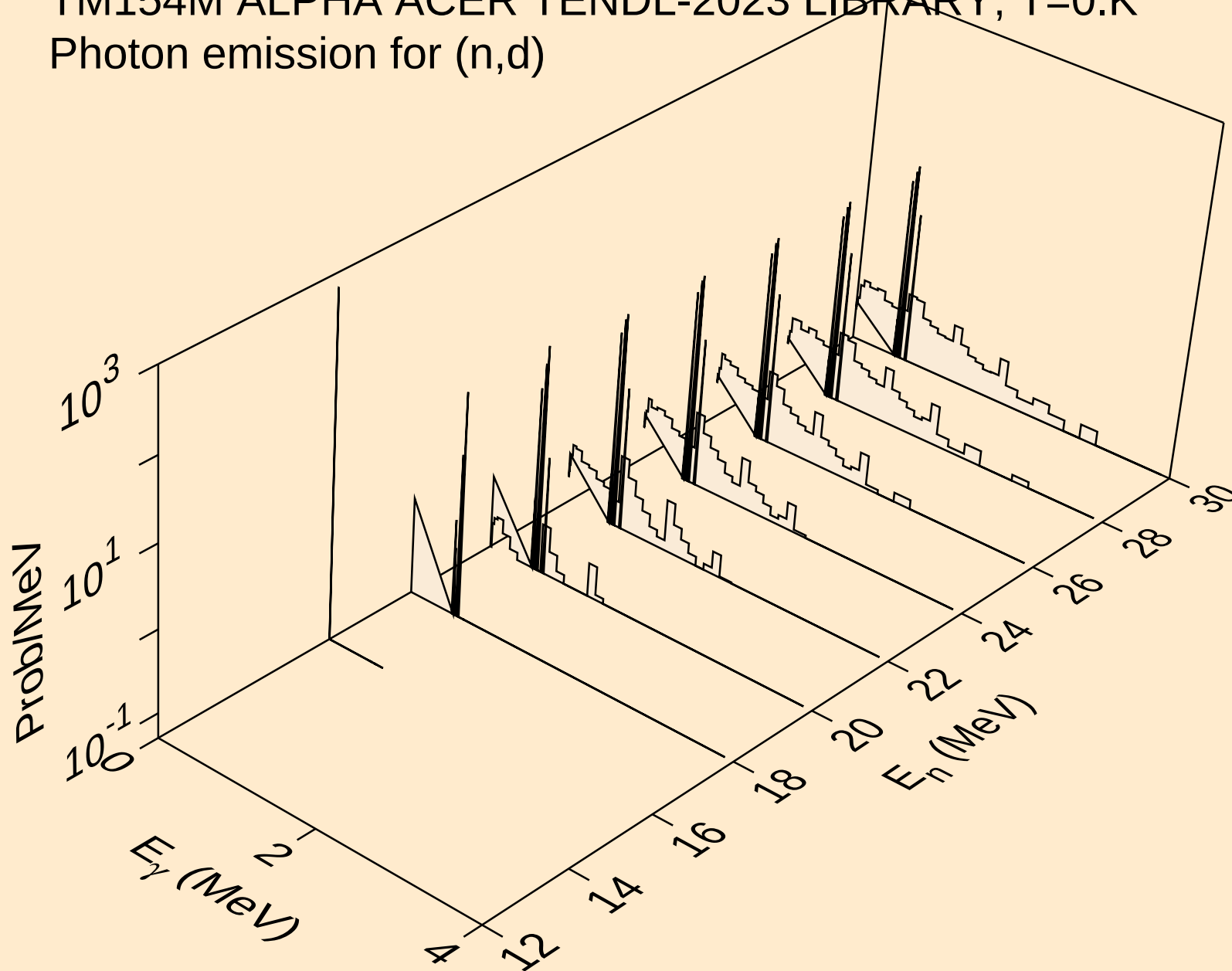
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Photon emission for (n,gma)



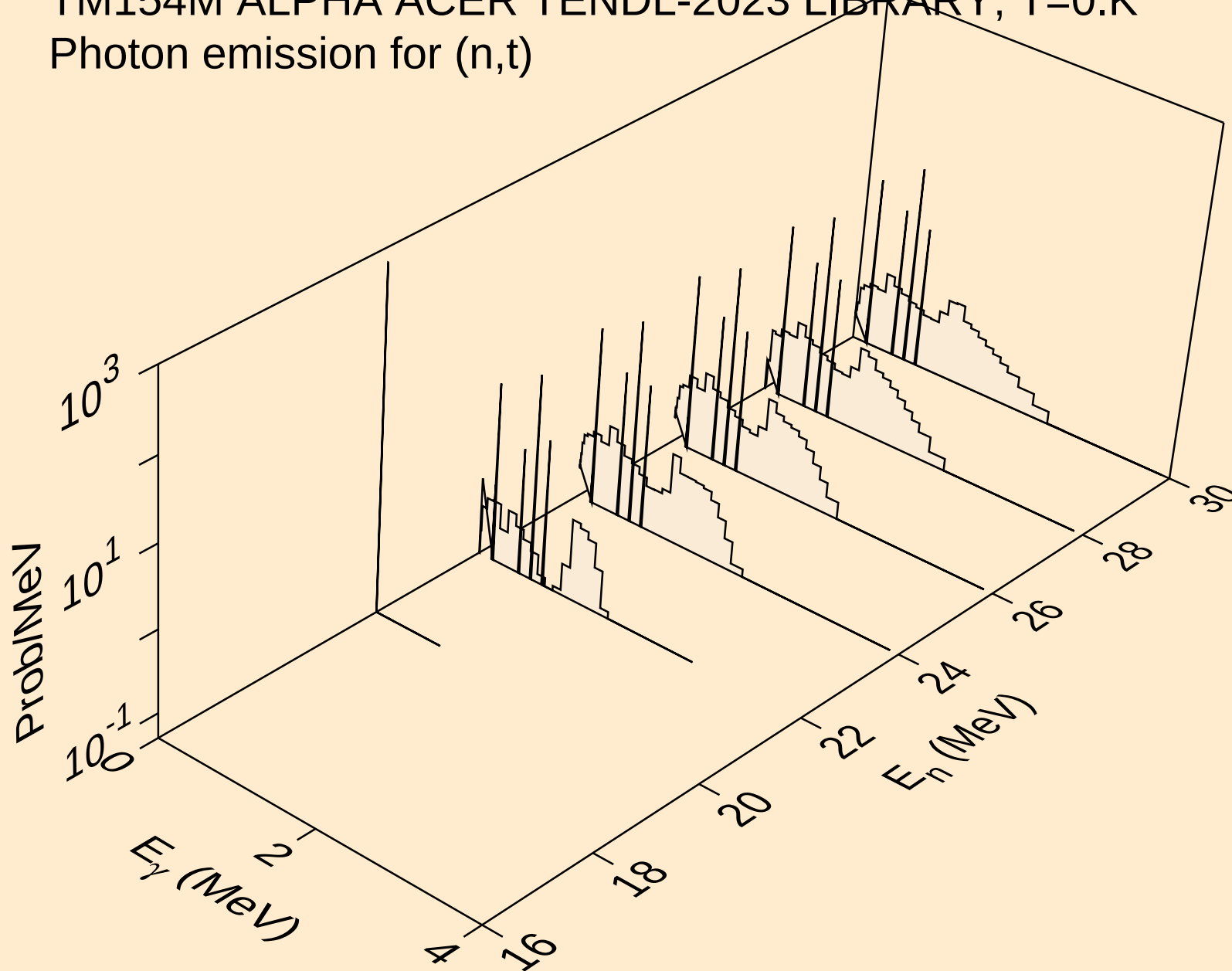
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Photon emission for (n,p)



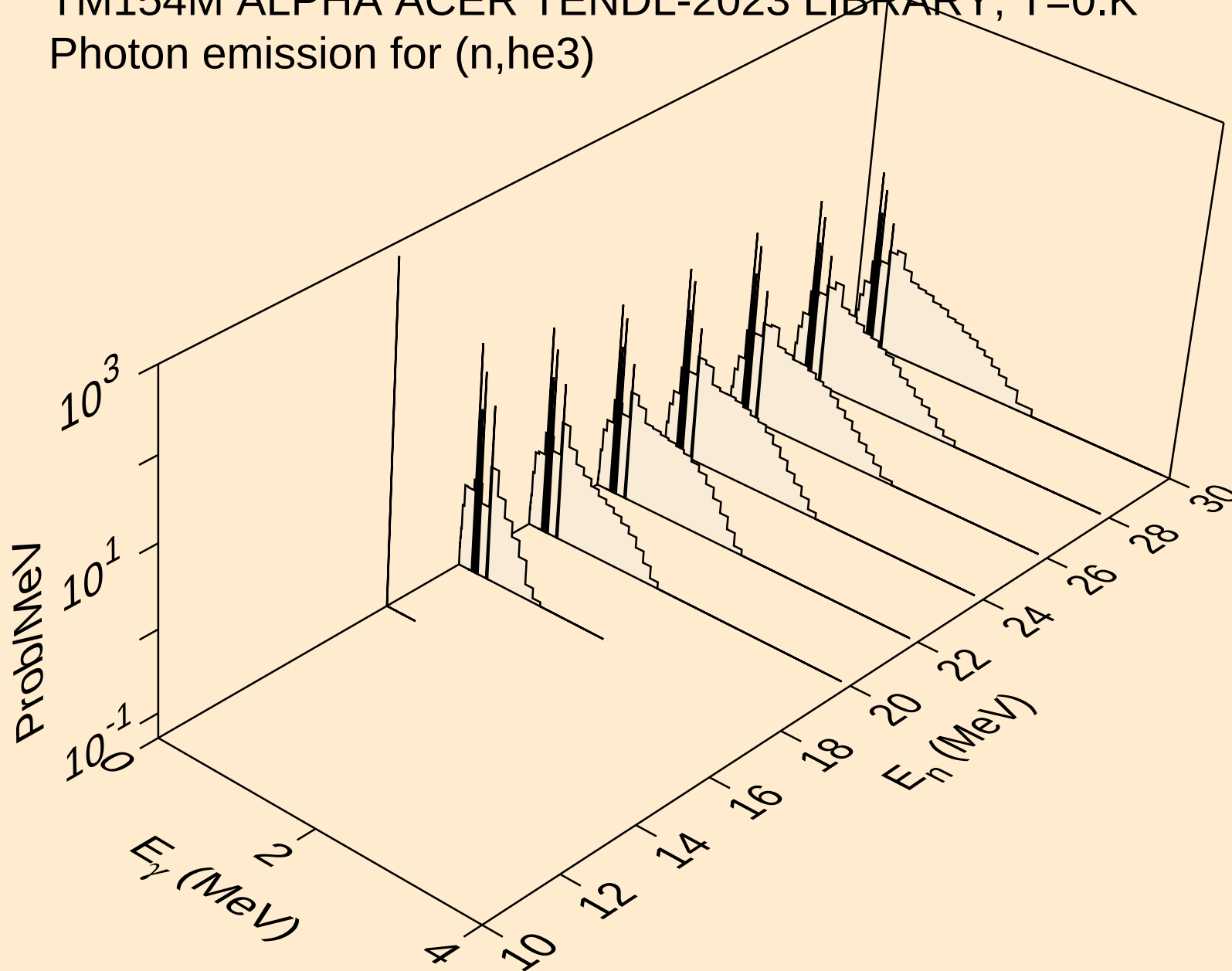
TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



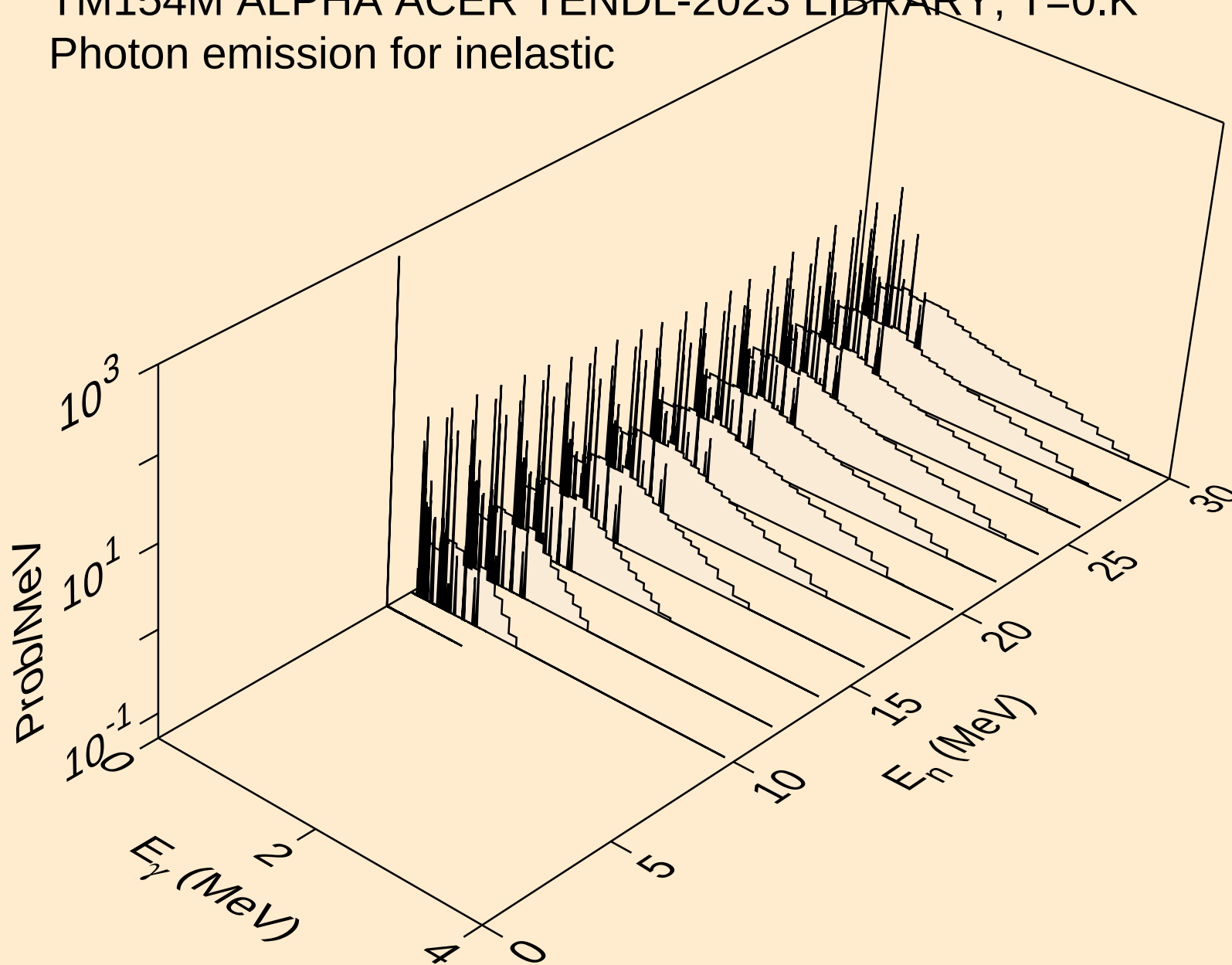
TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



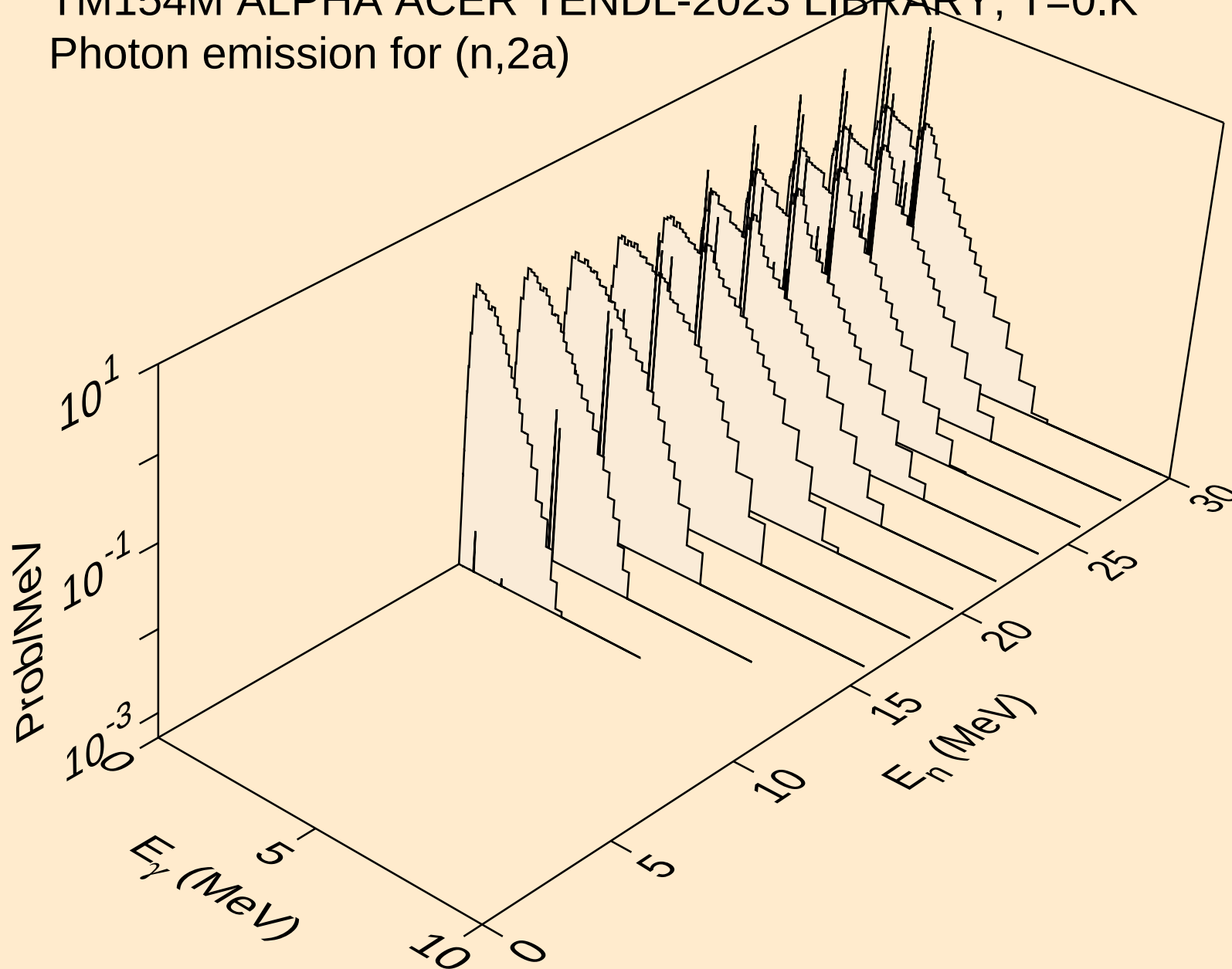
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Photon emission for (n,he3)



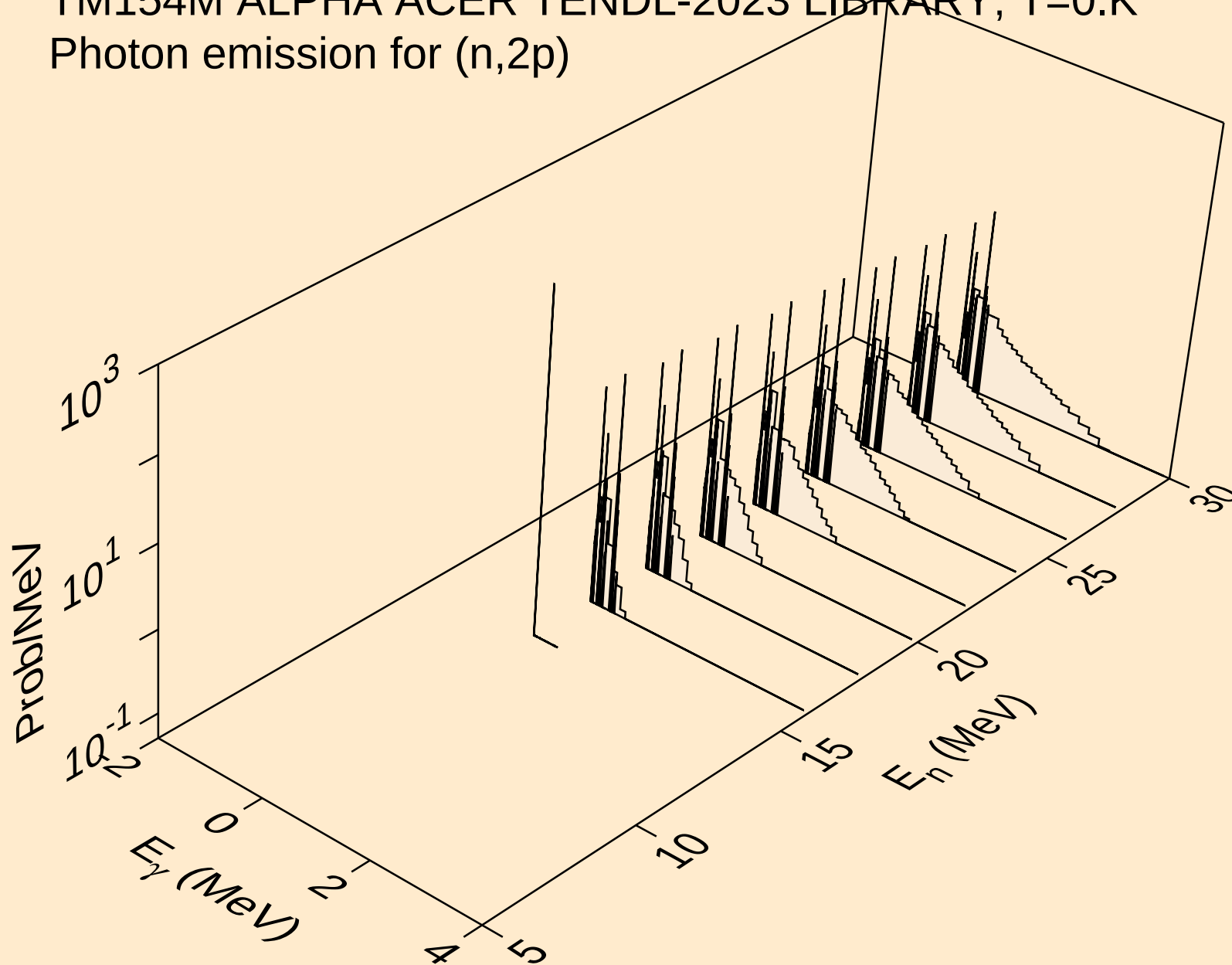
TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for inelastic



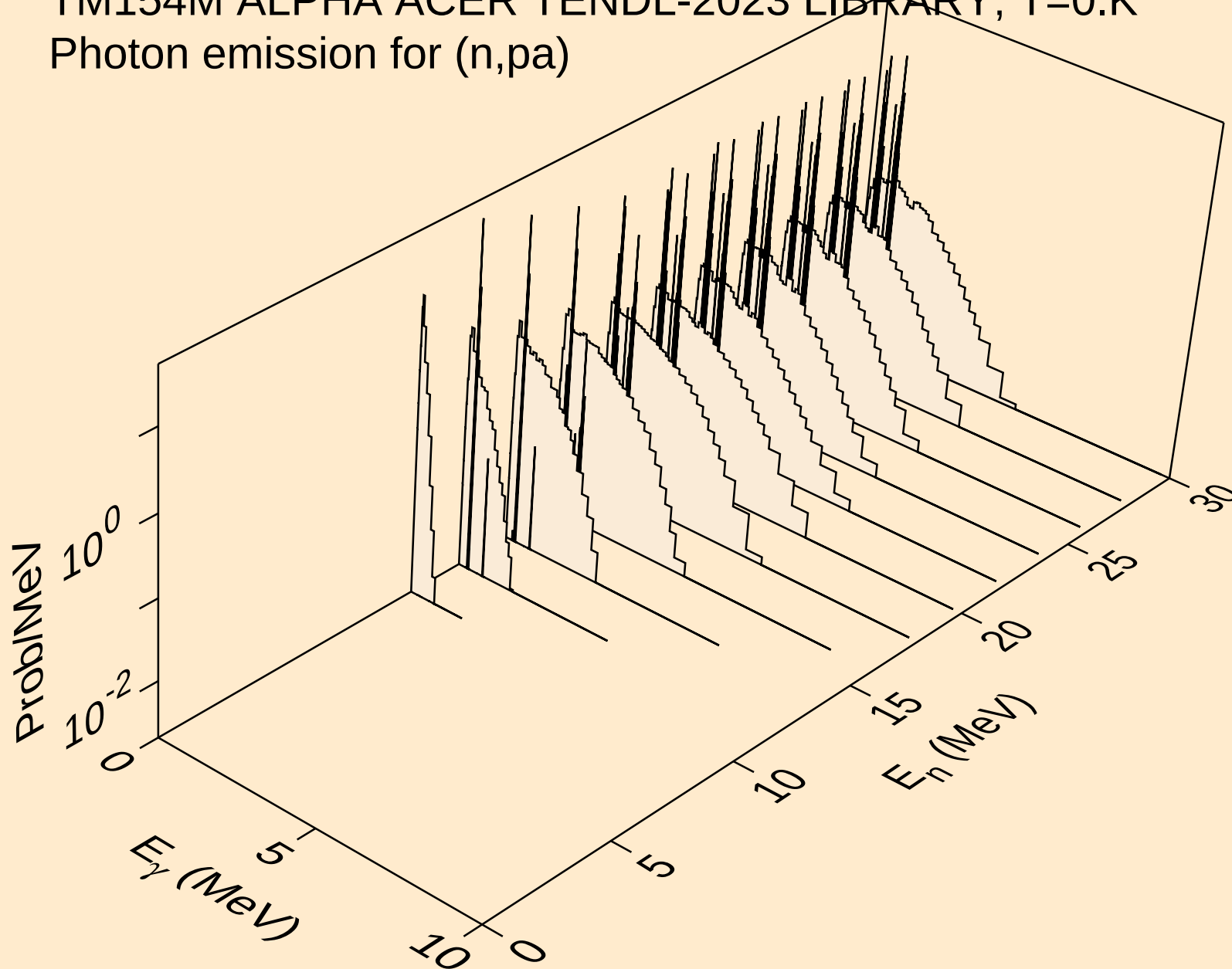
TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)



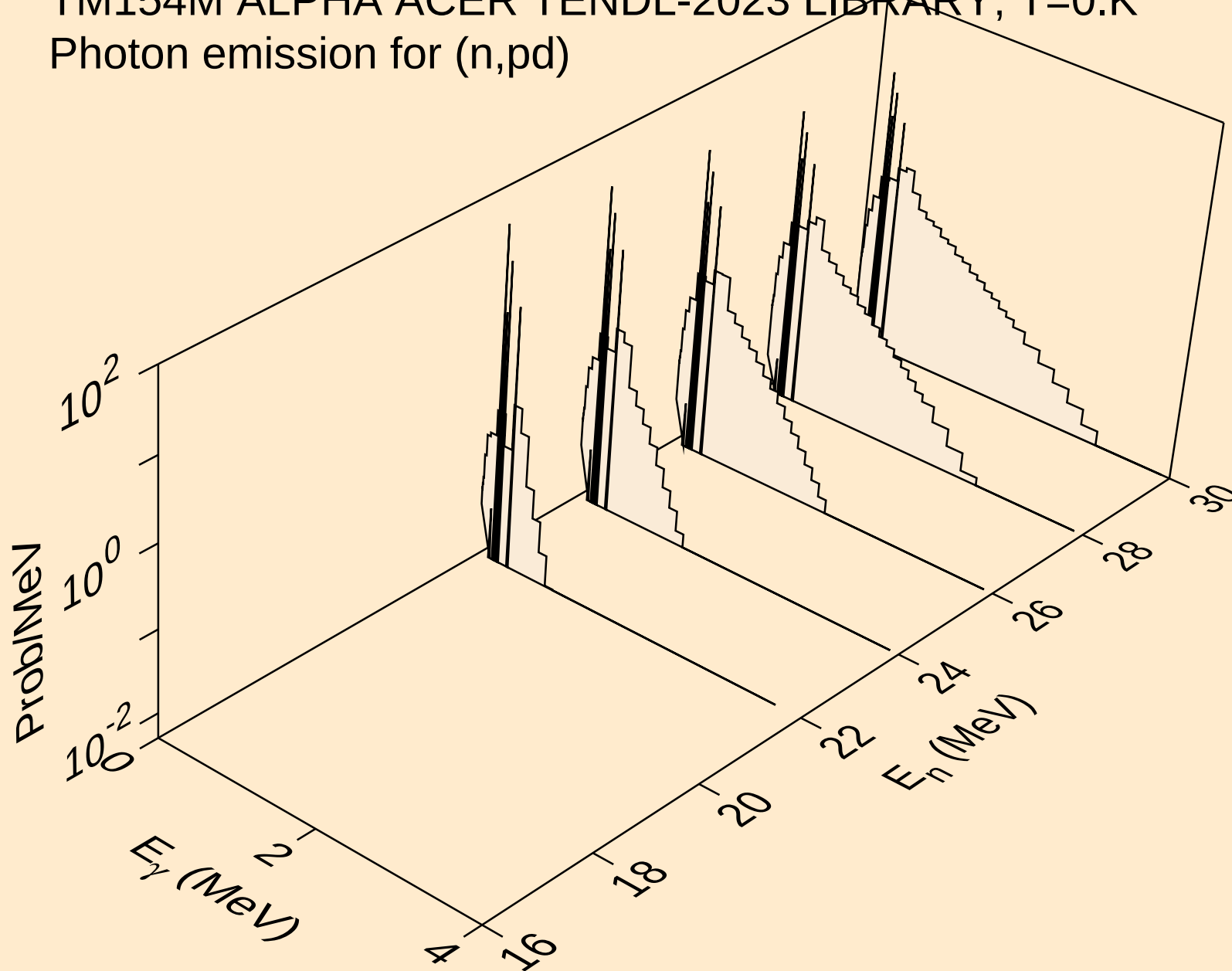
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Photon emission for (n,2p)



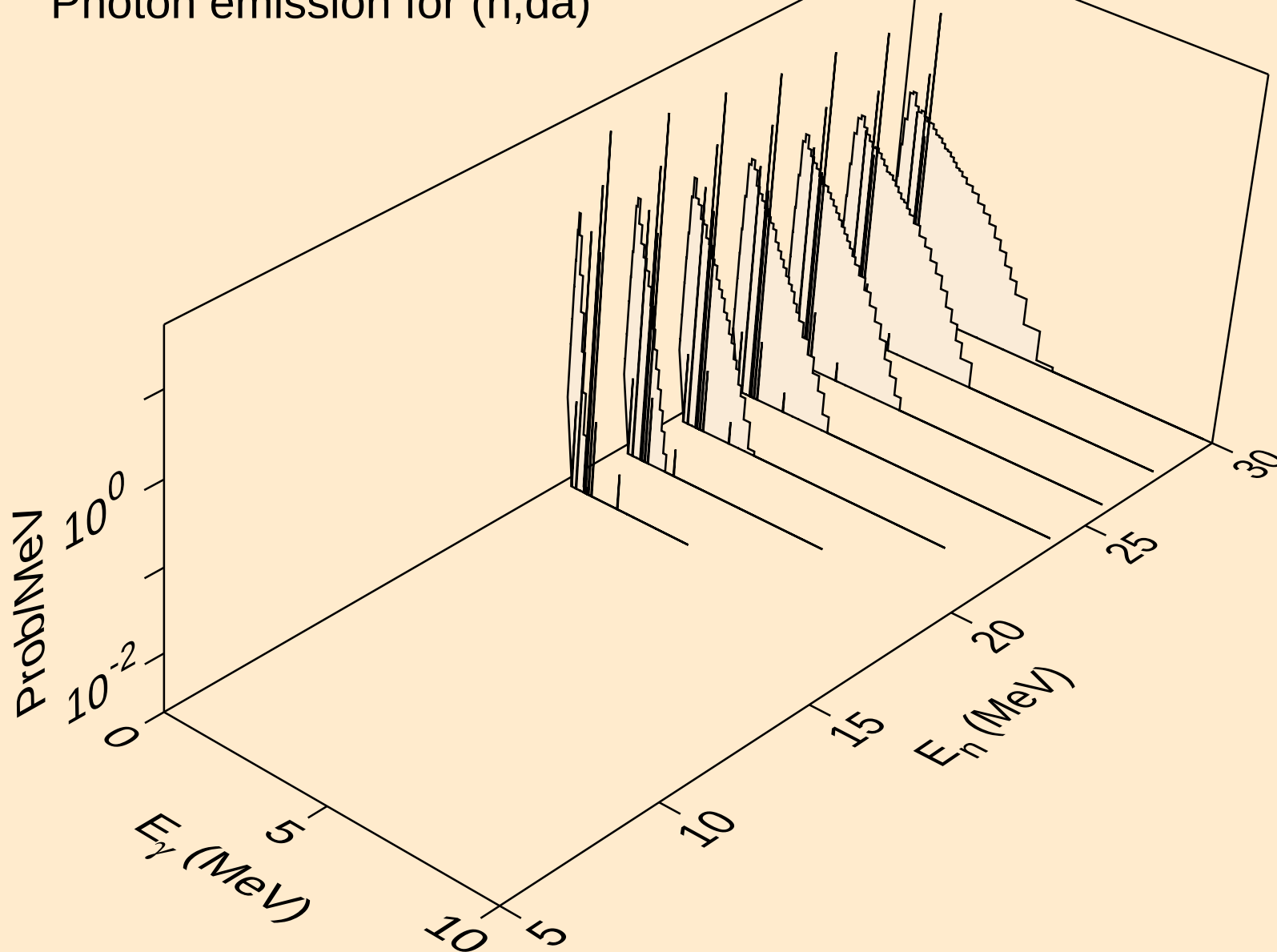
TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pa)



TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)

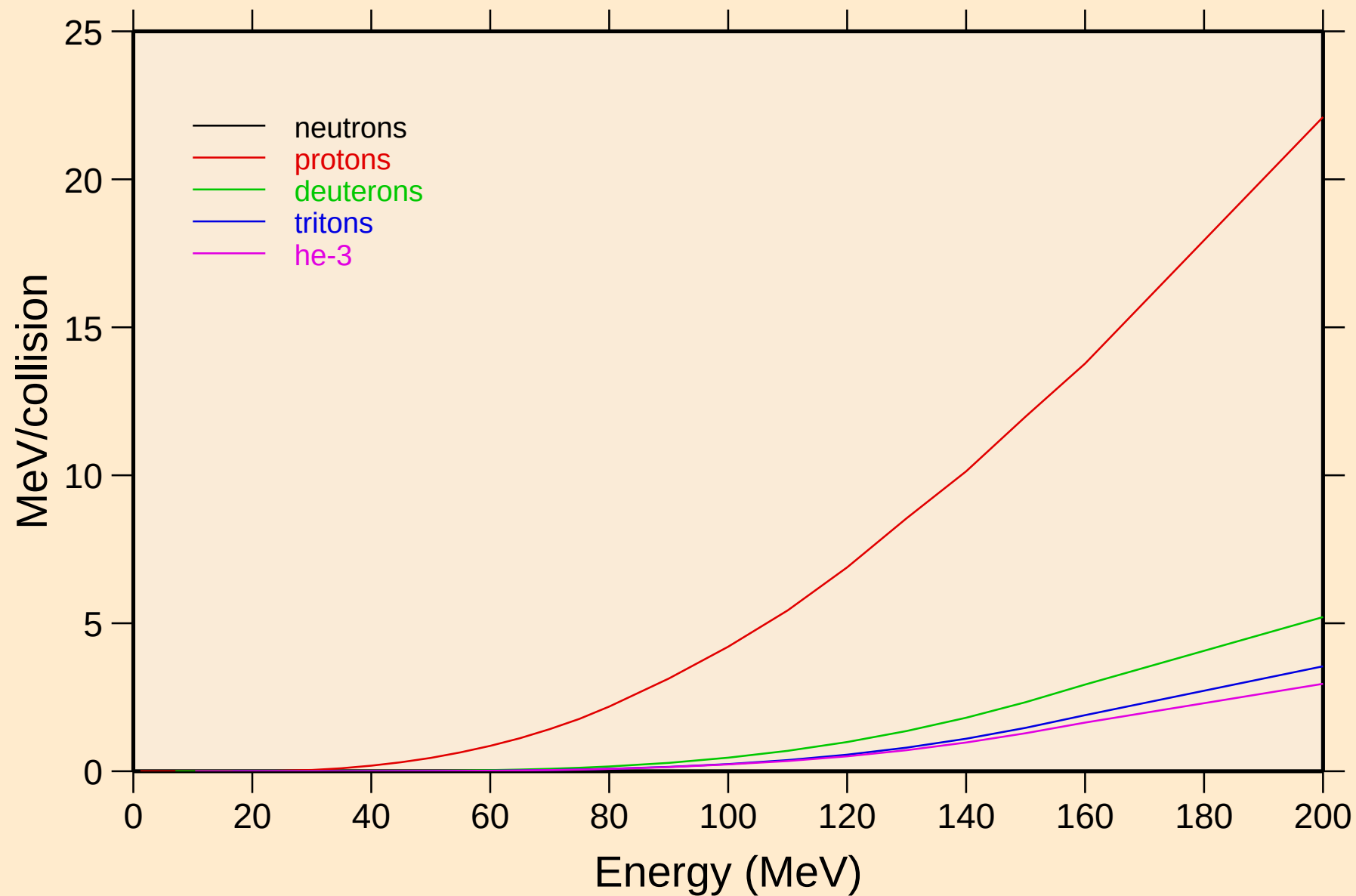


TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,da)



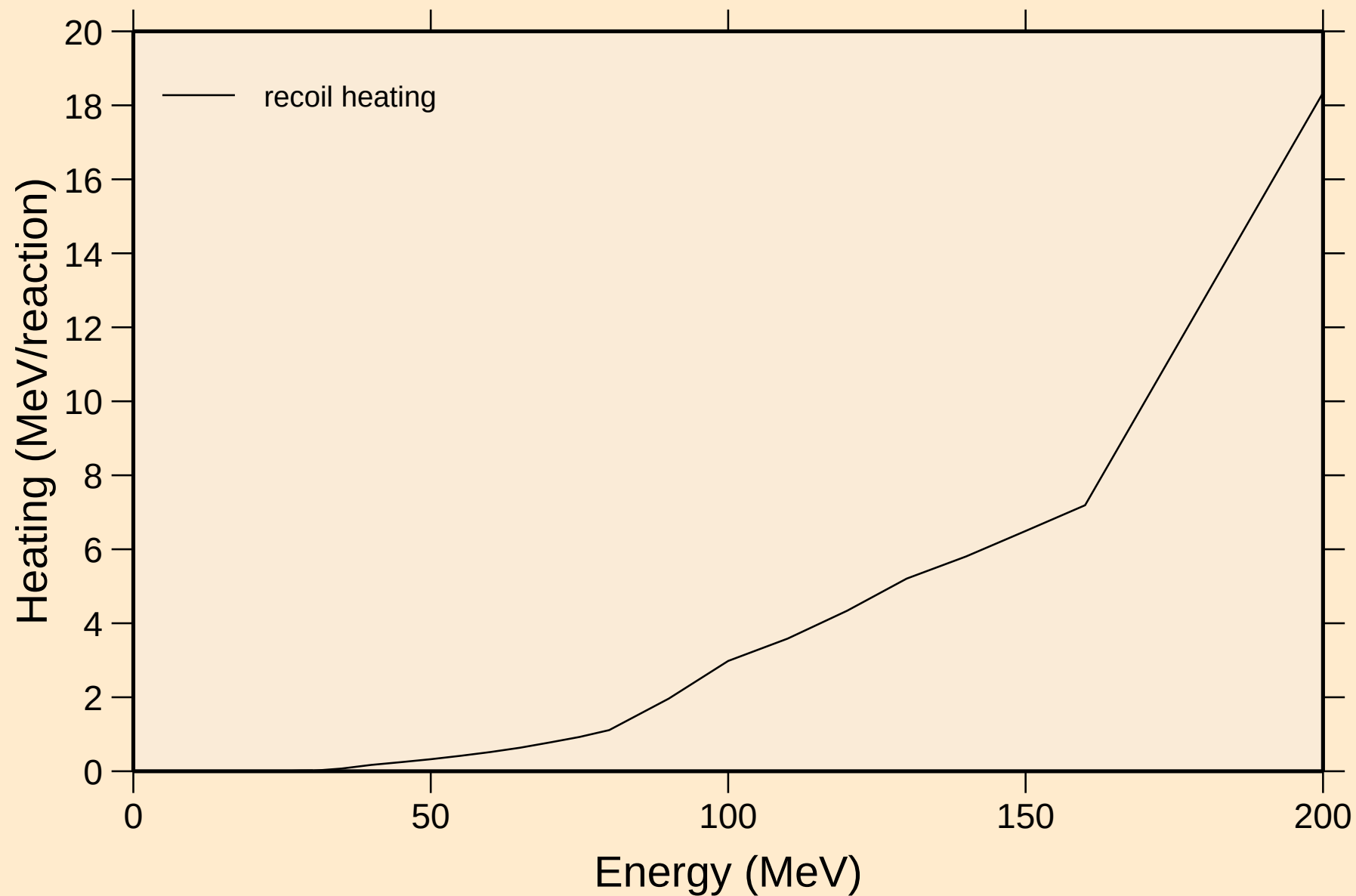
TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions



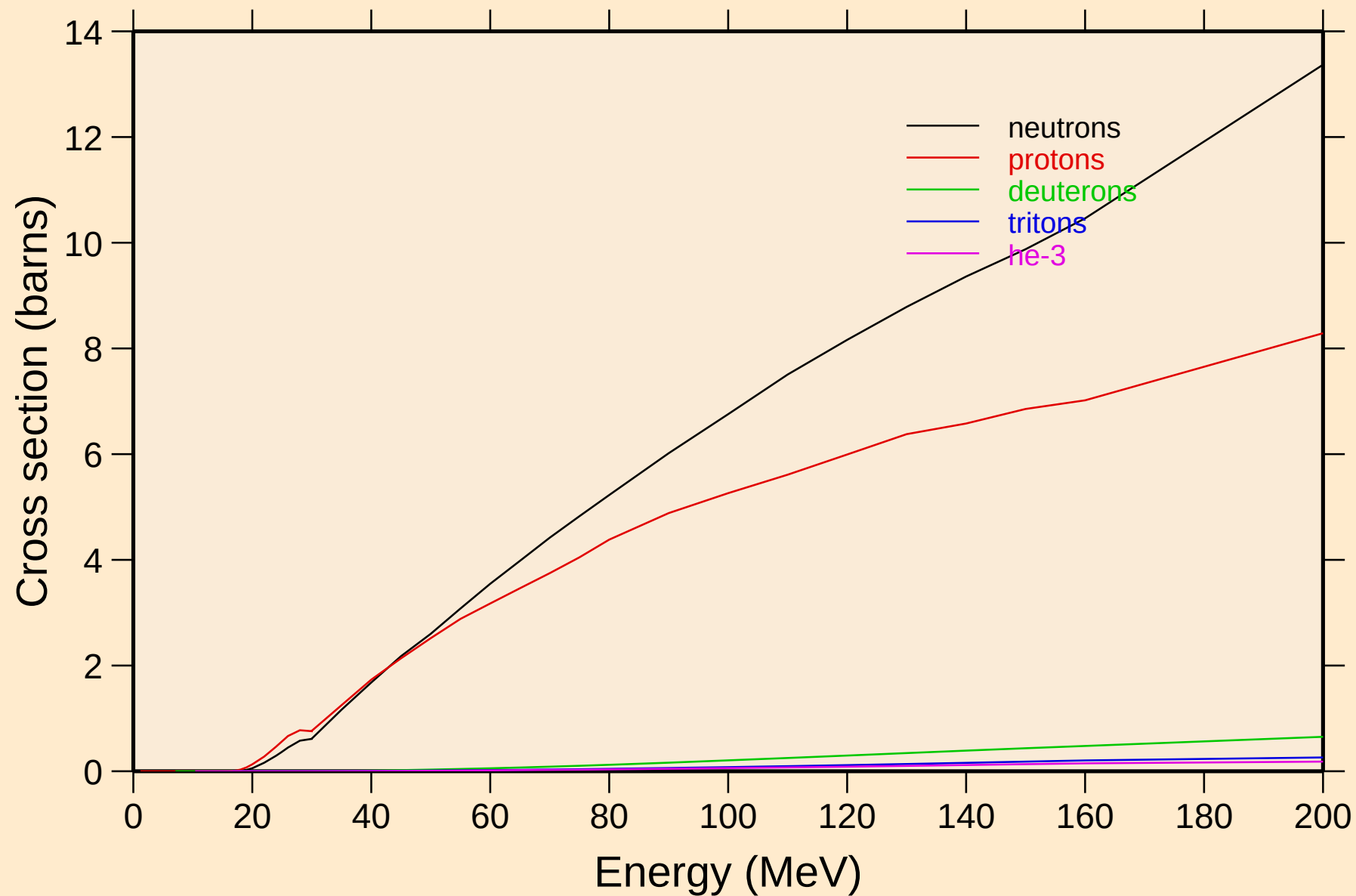
TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

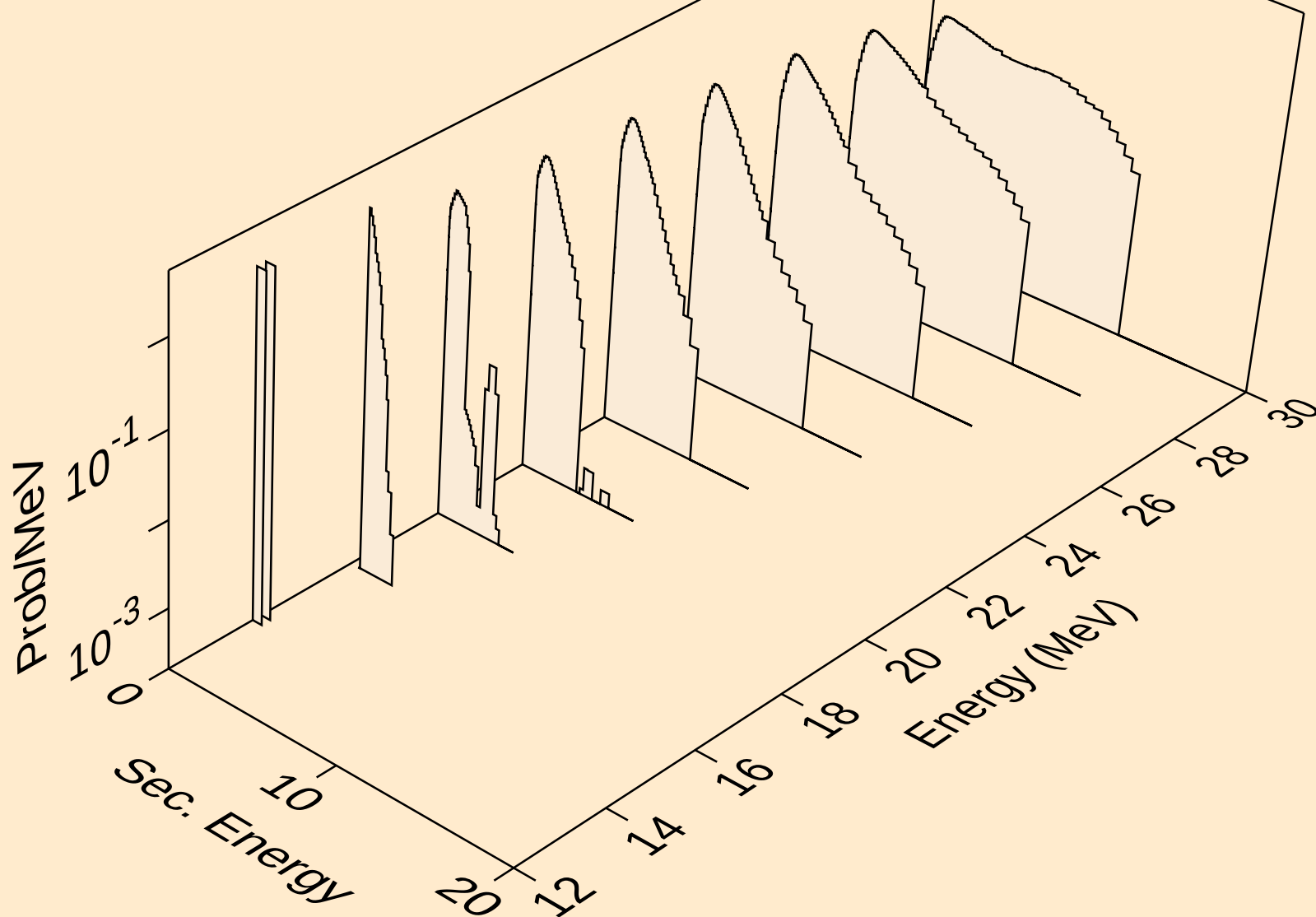


TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

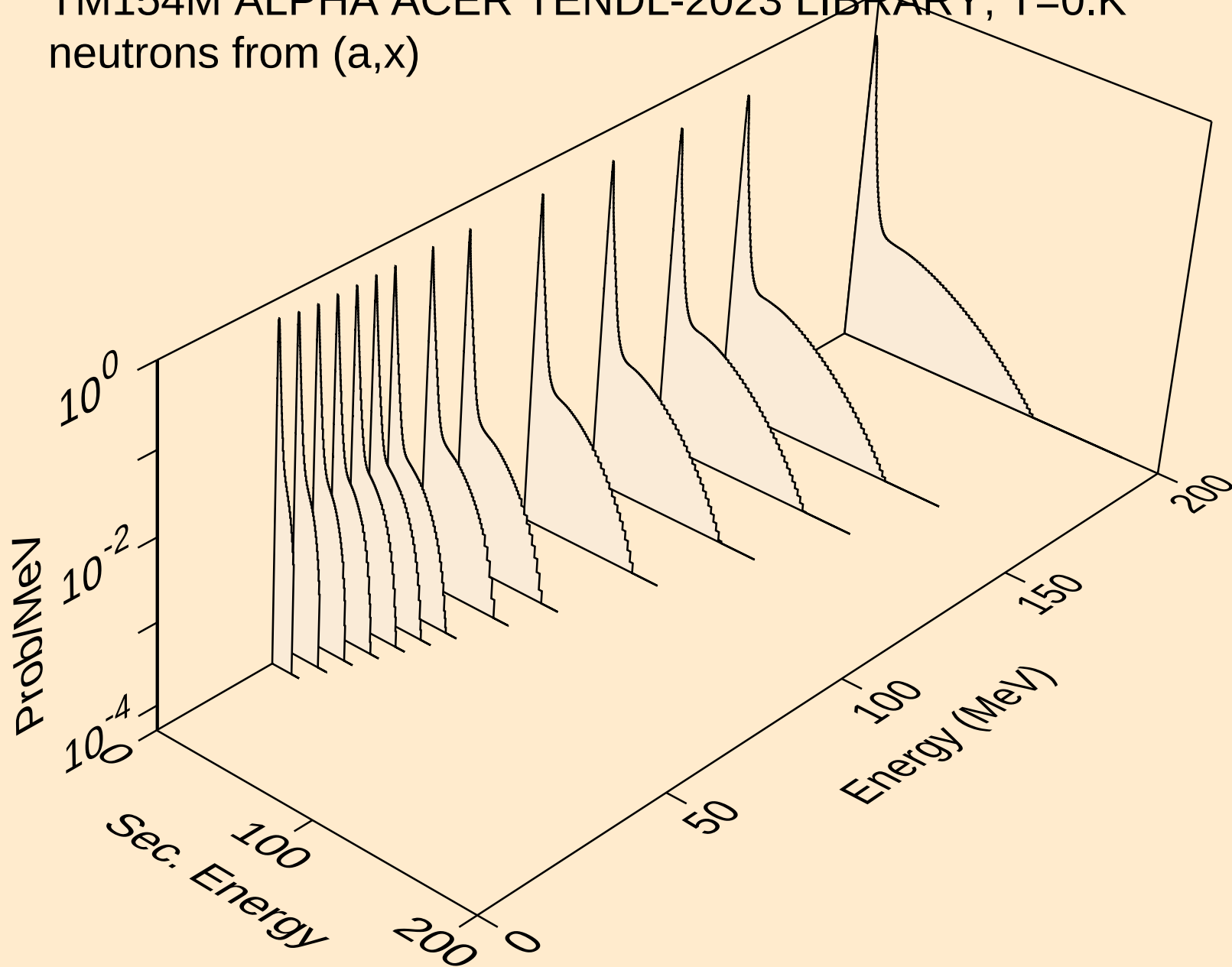
Particle production cross sections



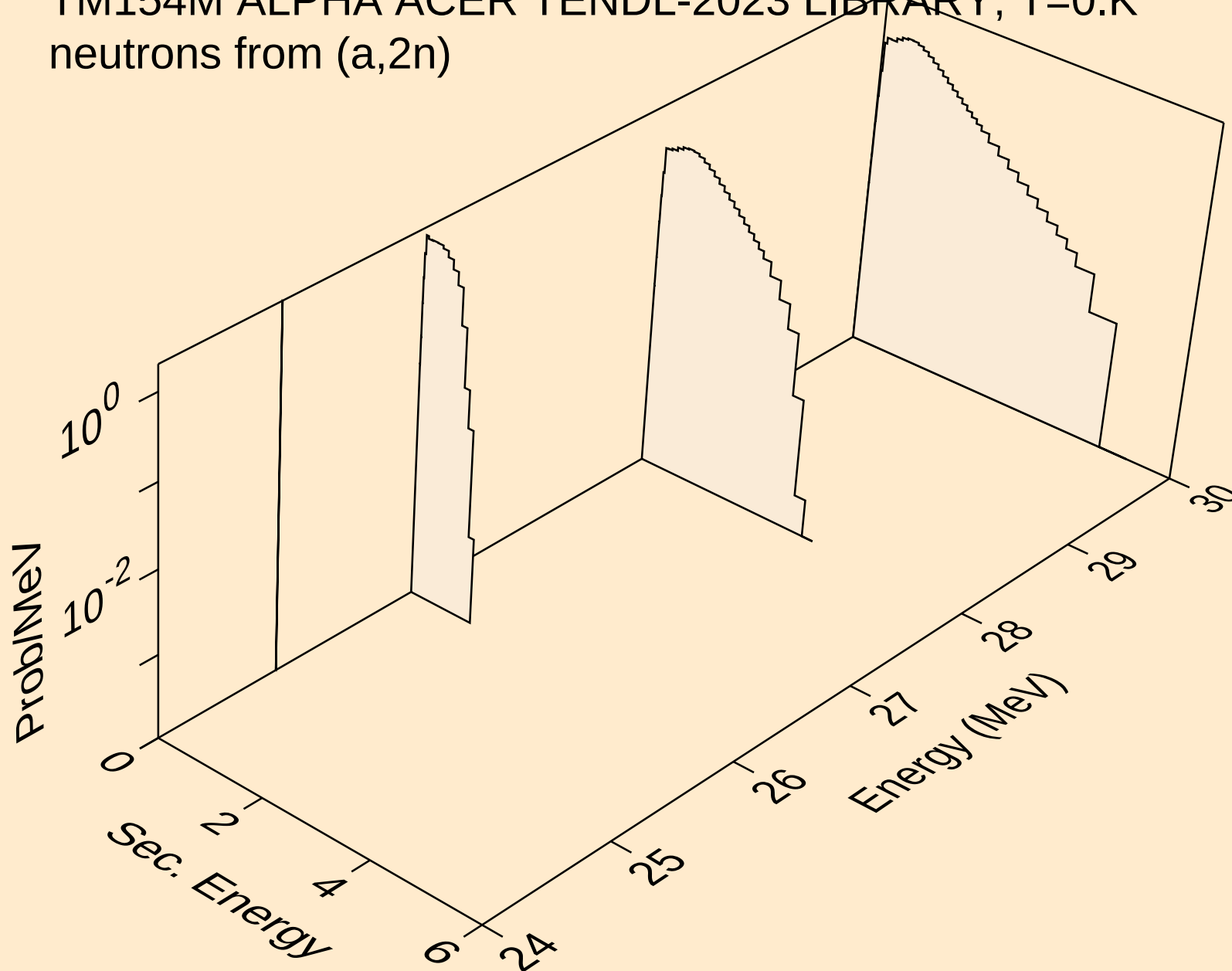
TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n)



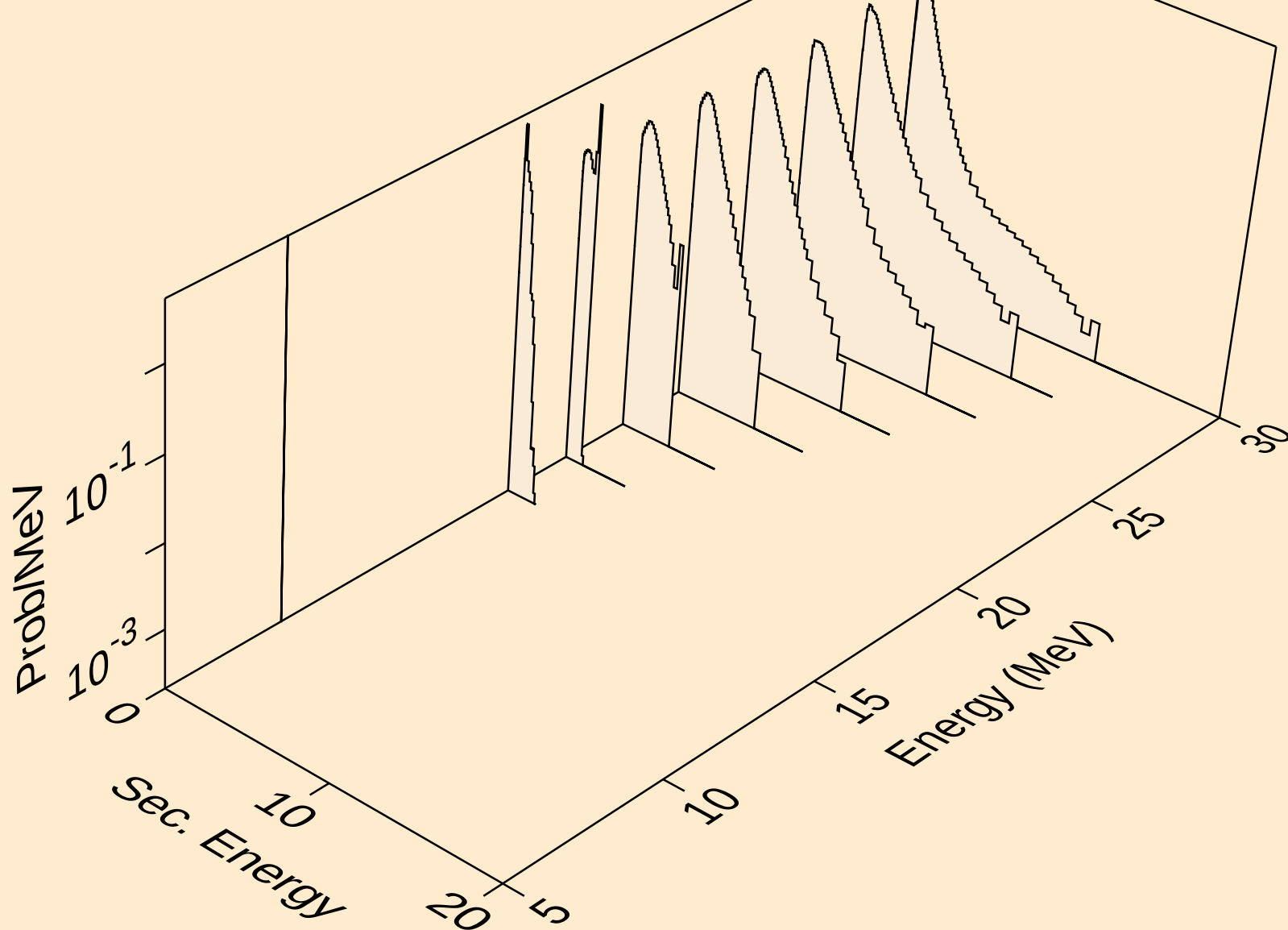
TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,x)



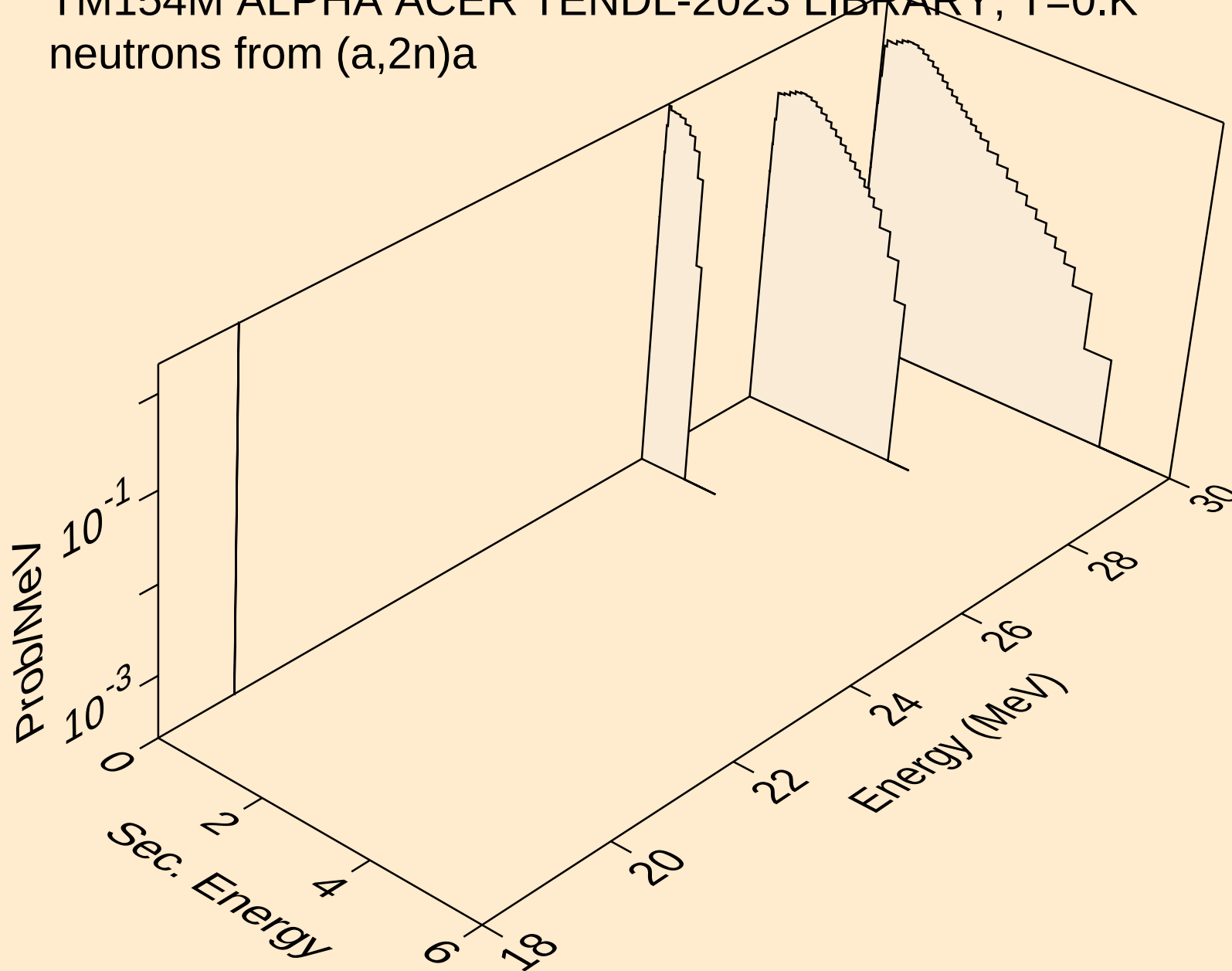
TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,2n)



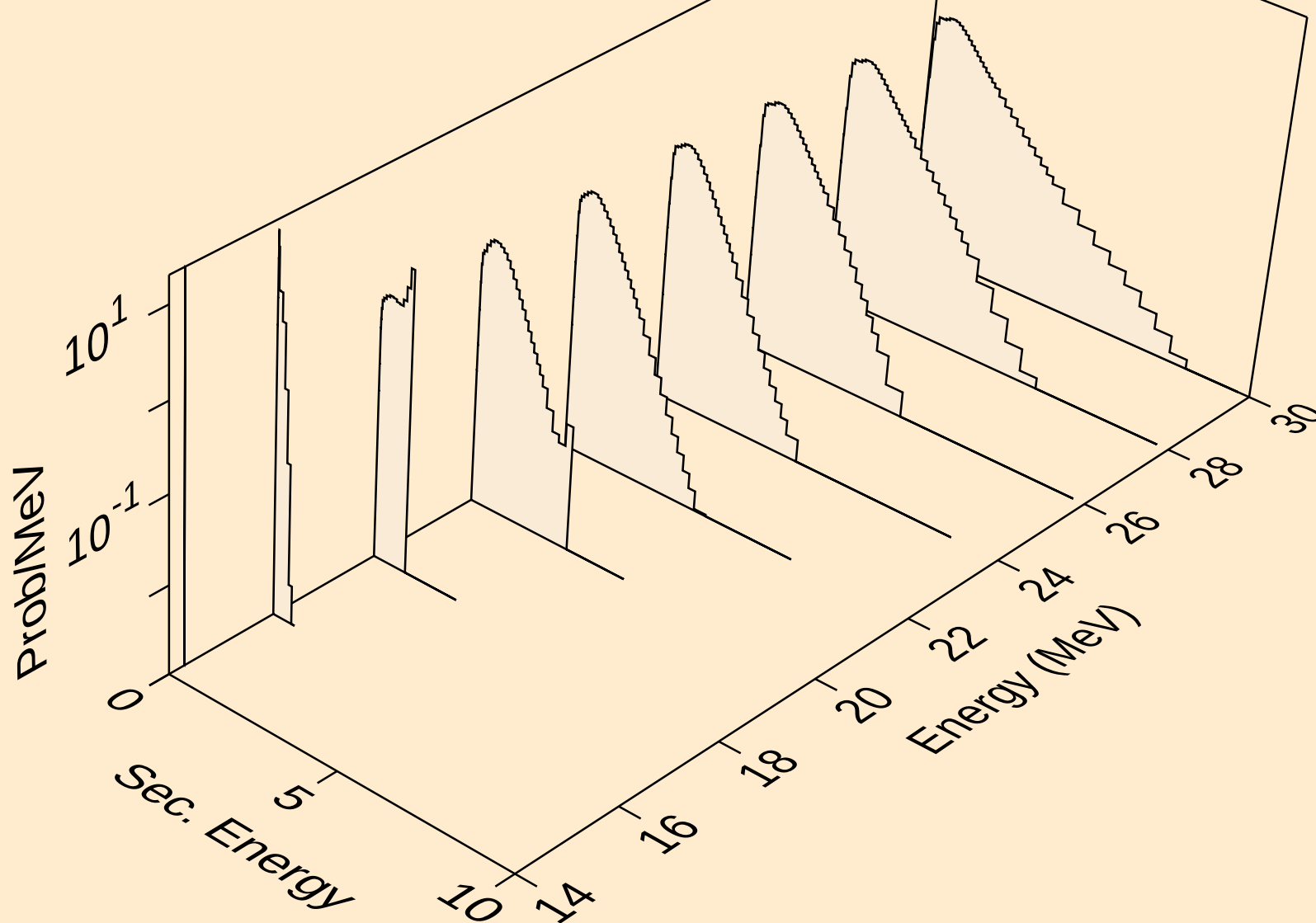
TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)a



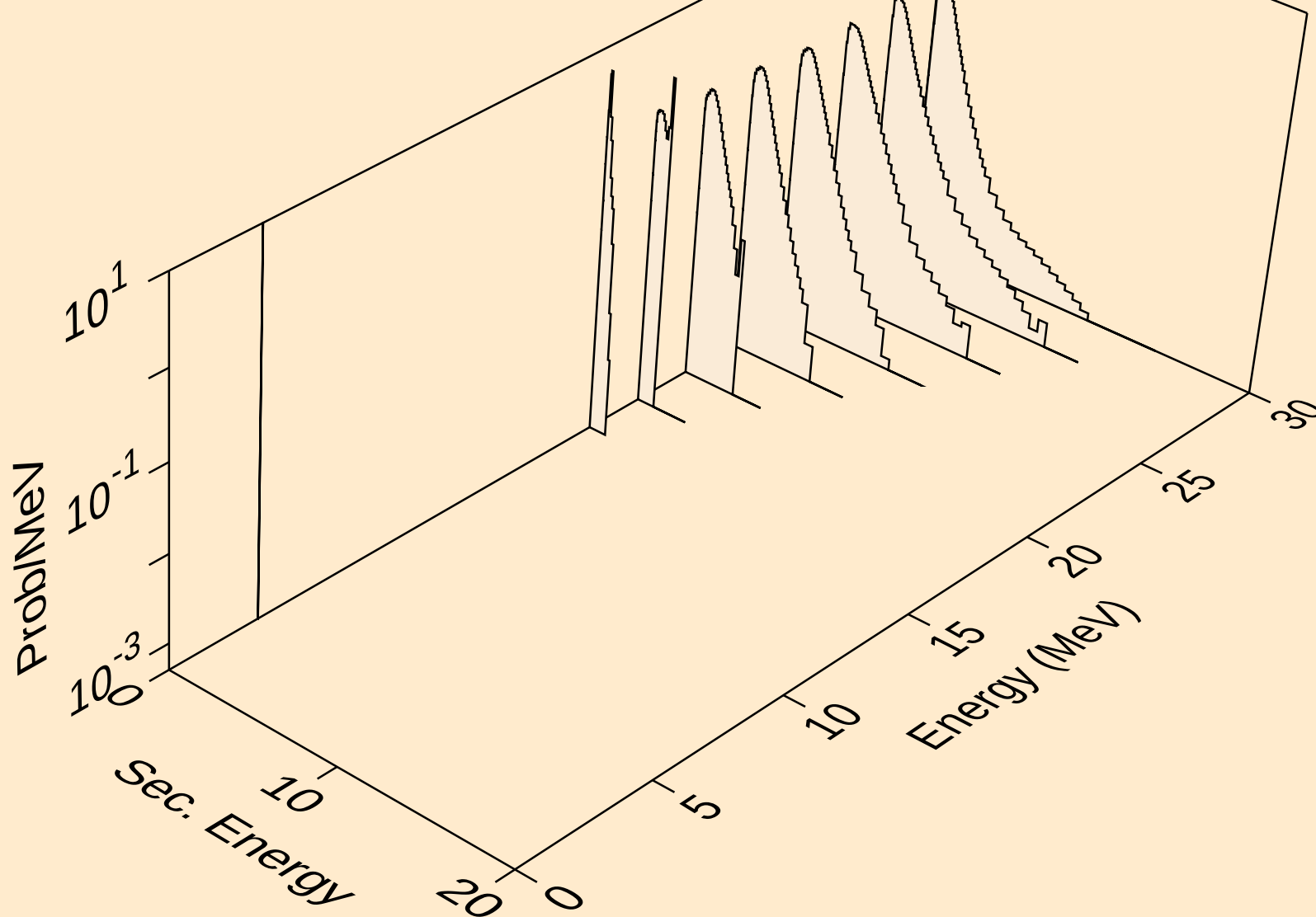
TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,2n)a



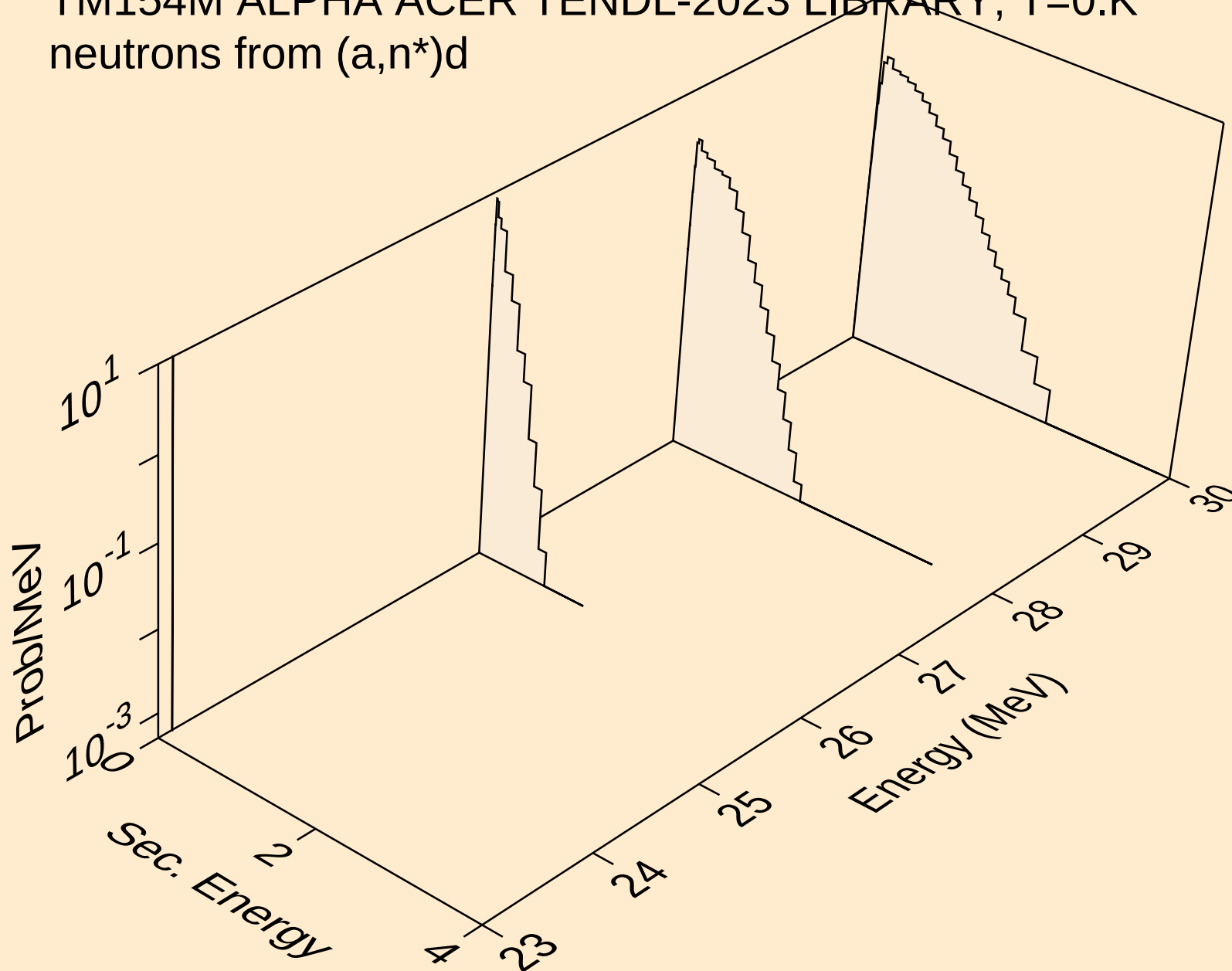
TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)p



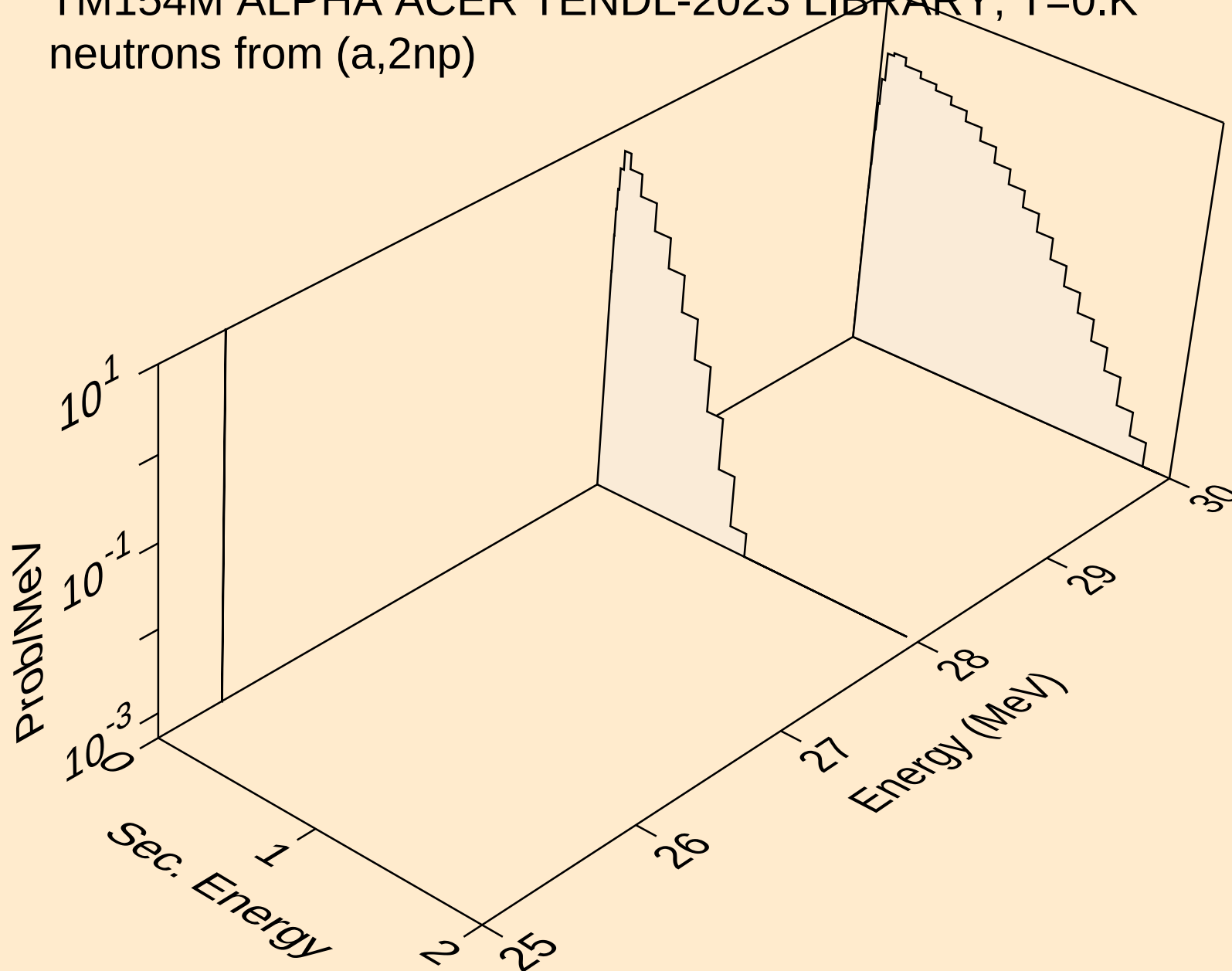
TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)2a



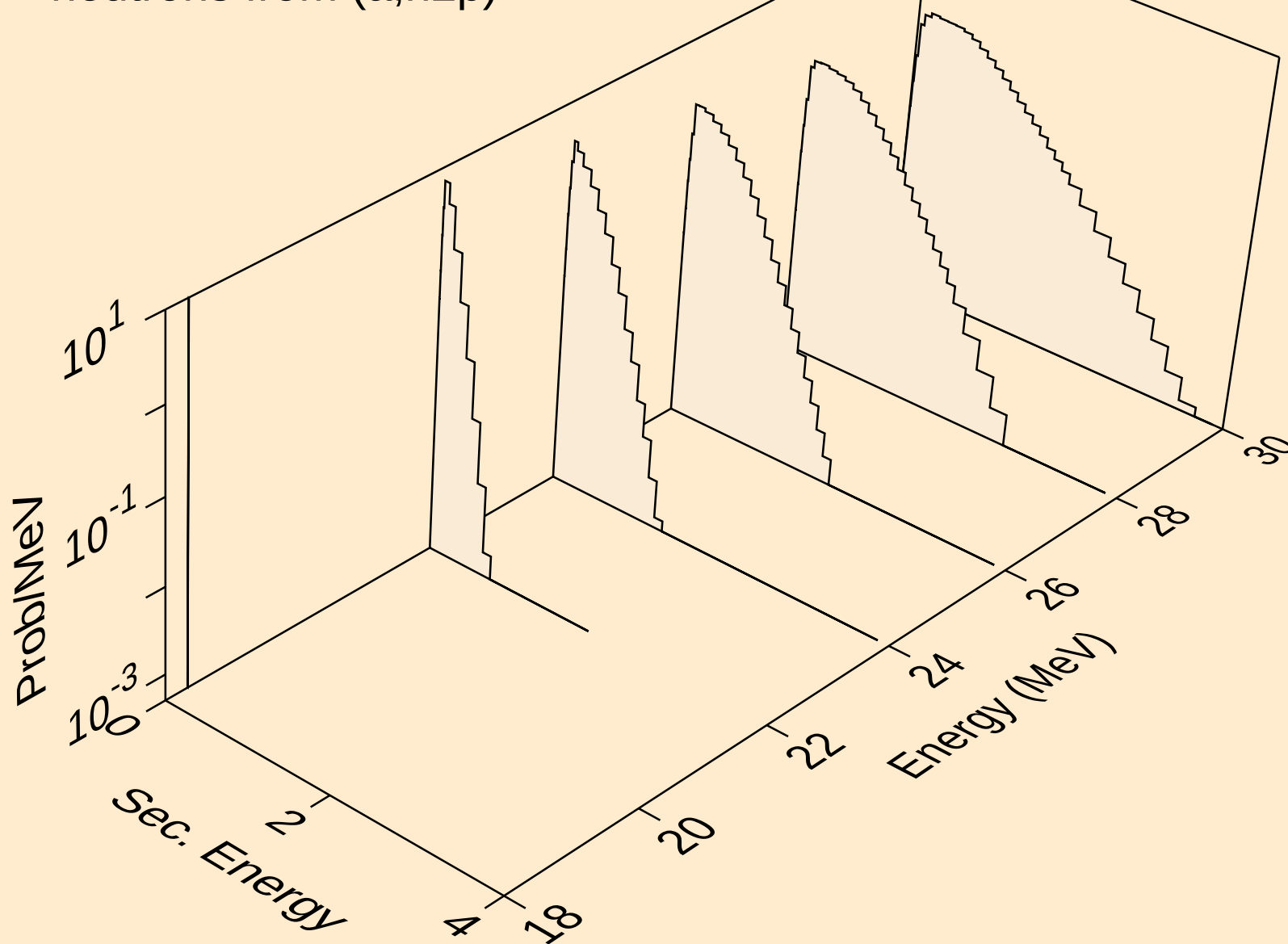
TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)d



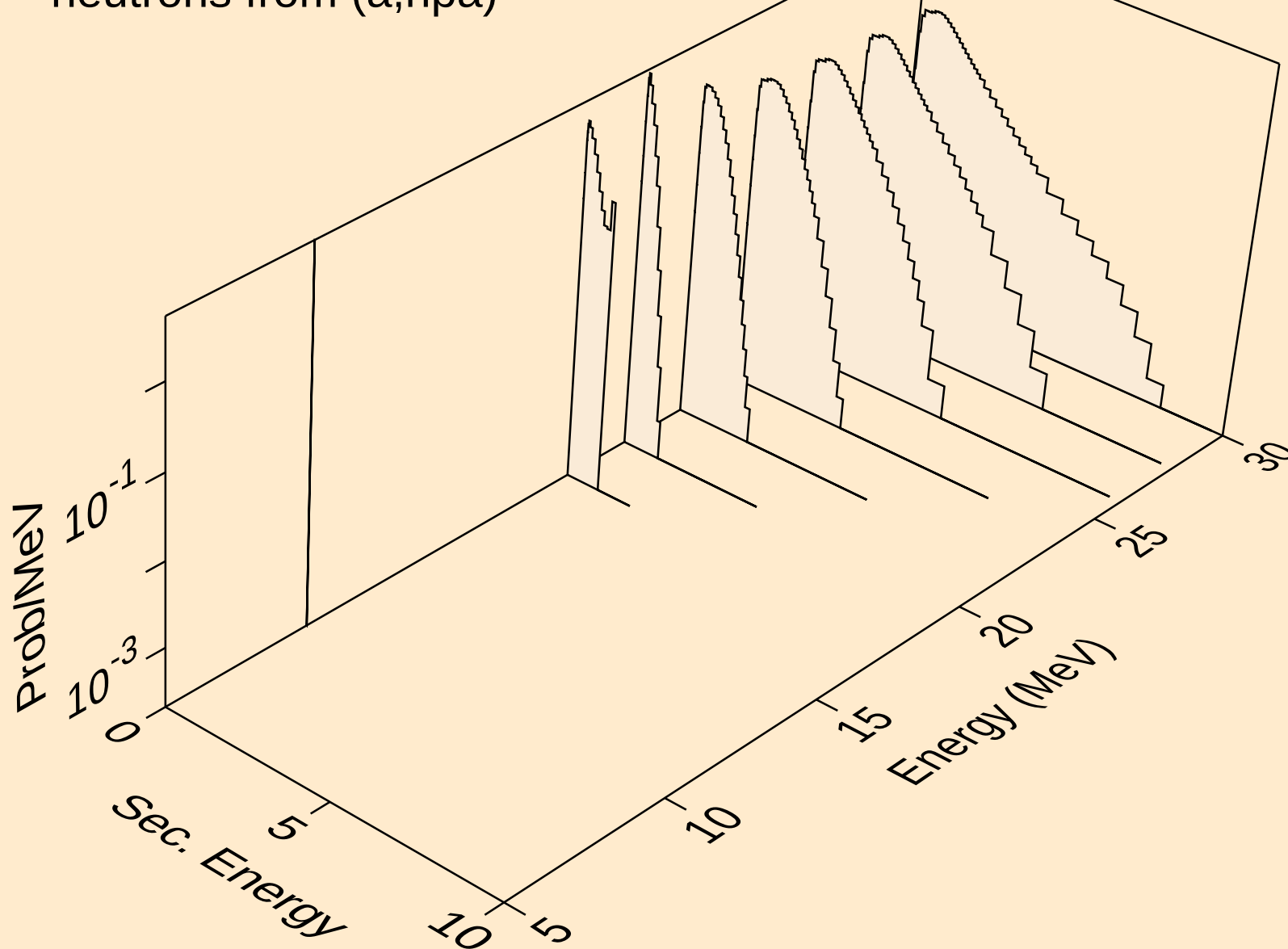
TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,2np)



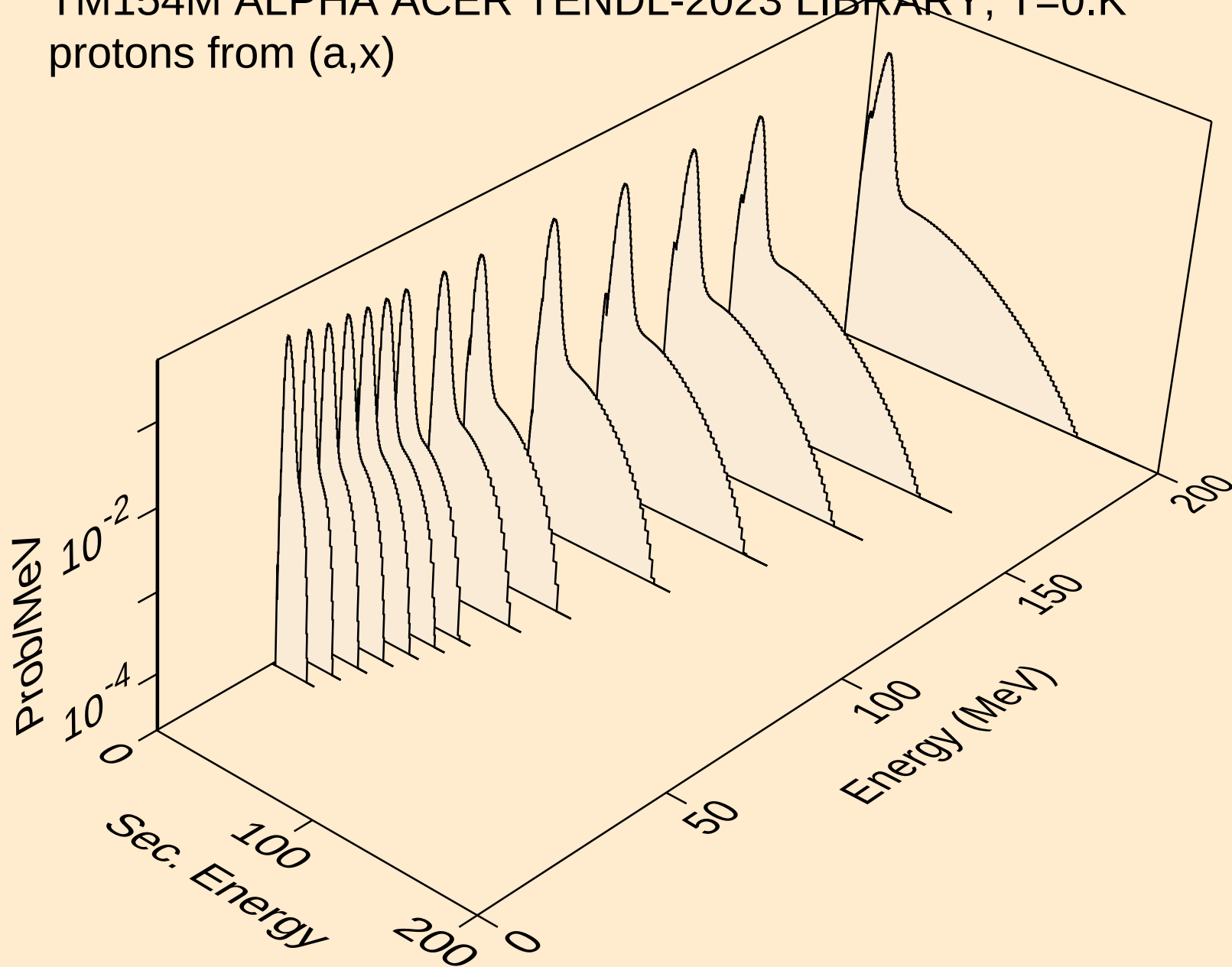
TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n2p)



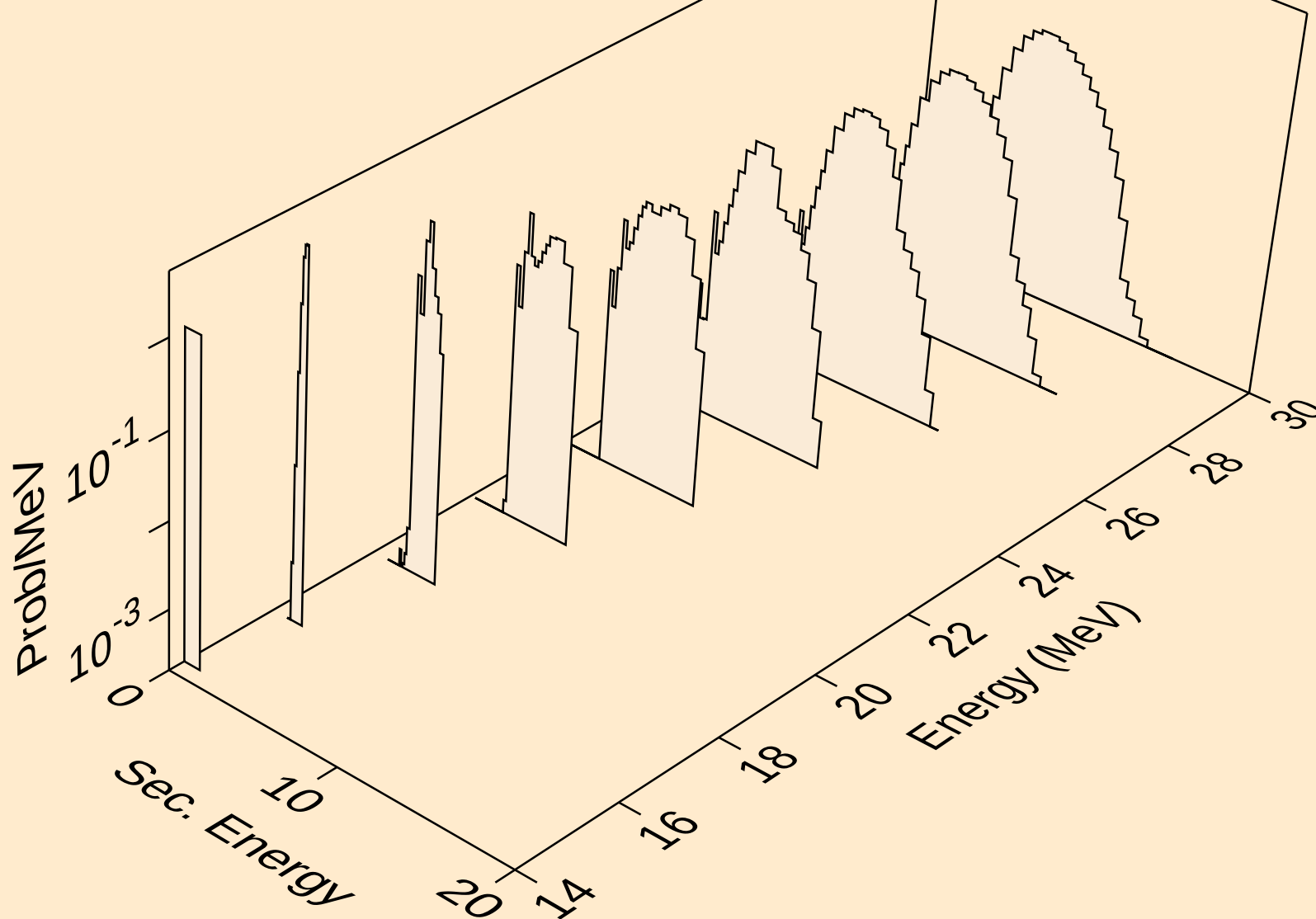
TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,npa)



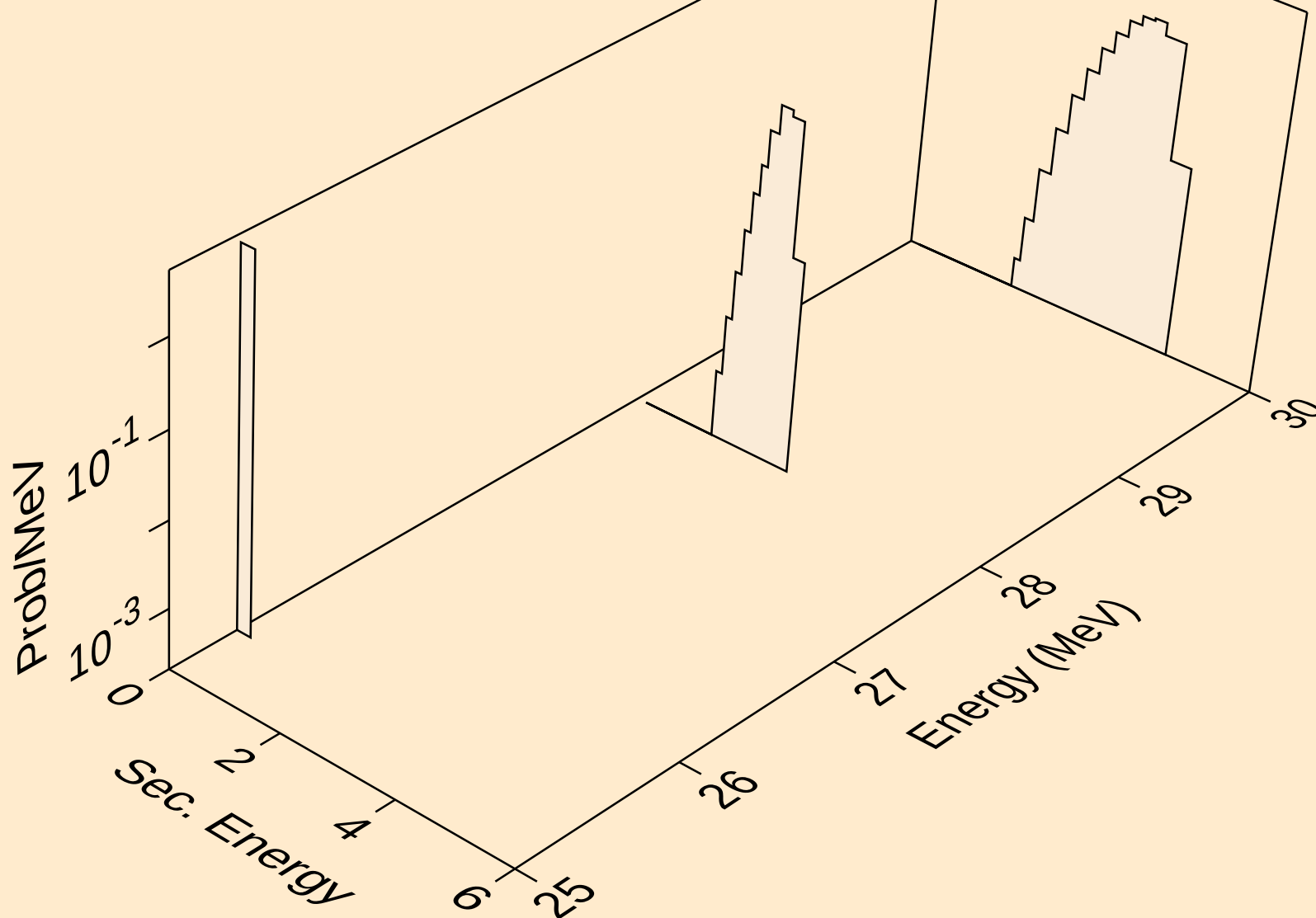
TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,x)



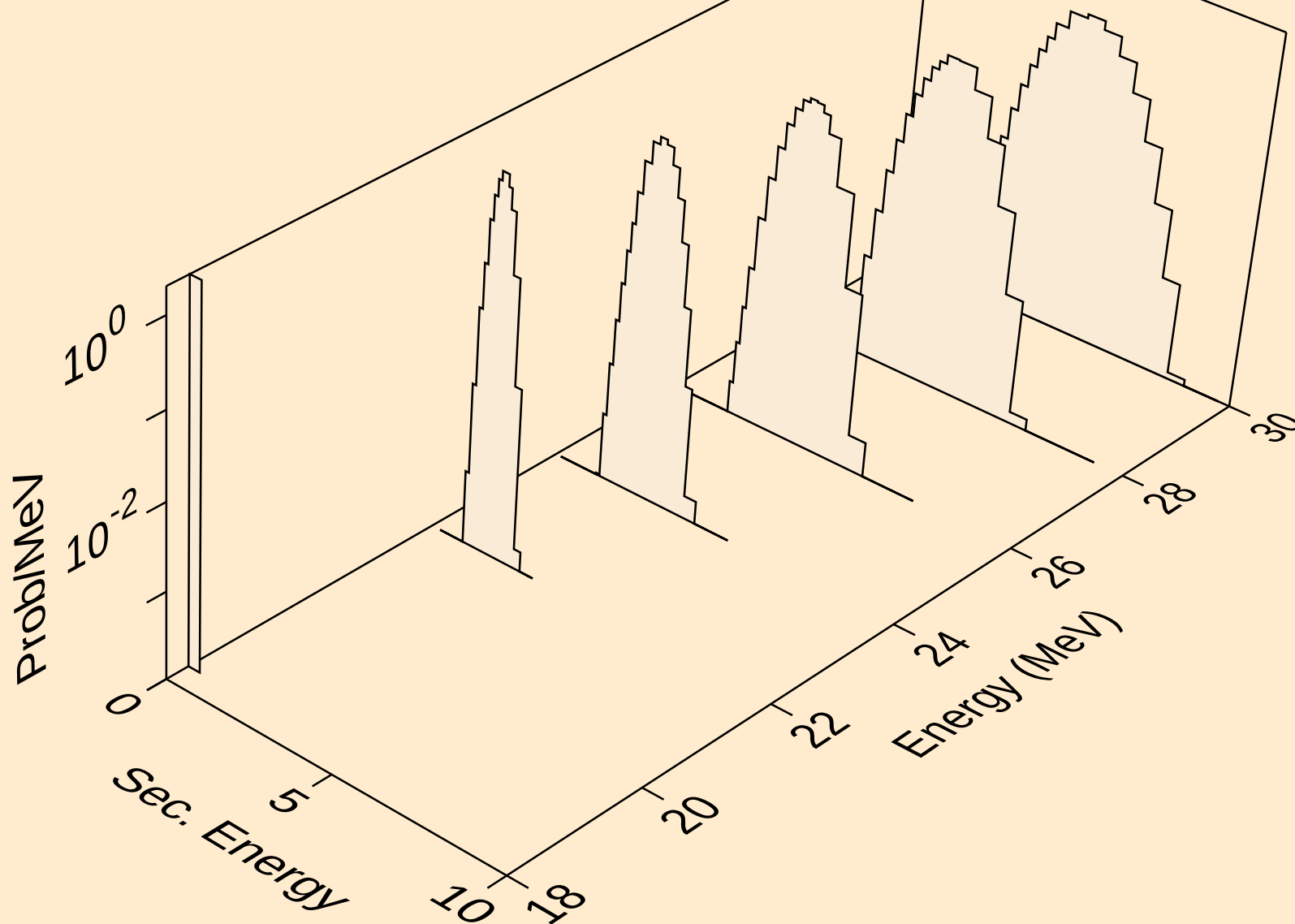
TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,n*)p



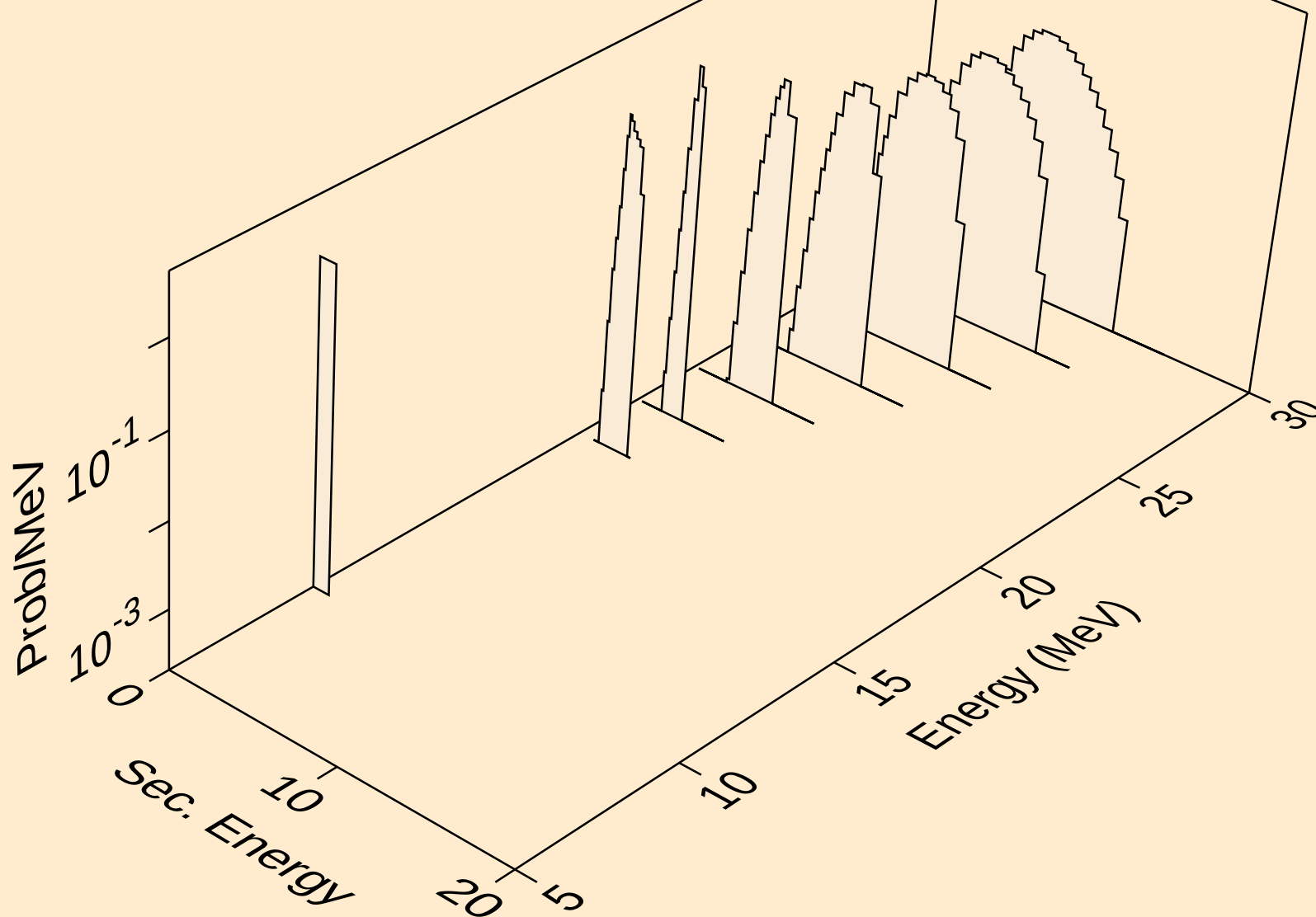
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protons from (a,2np)



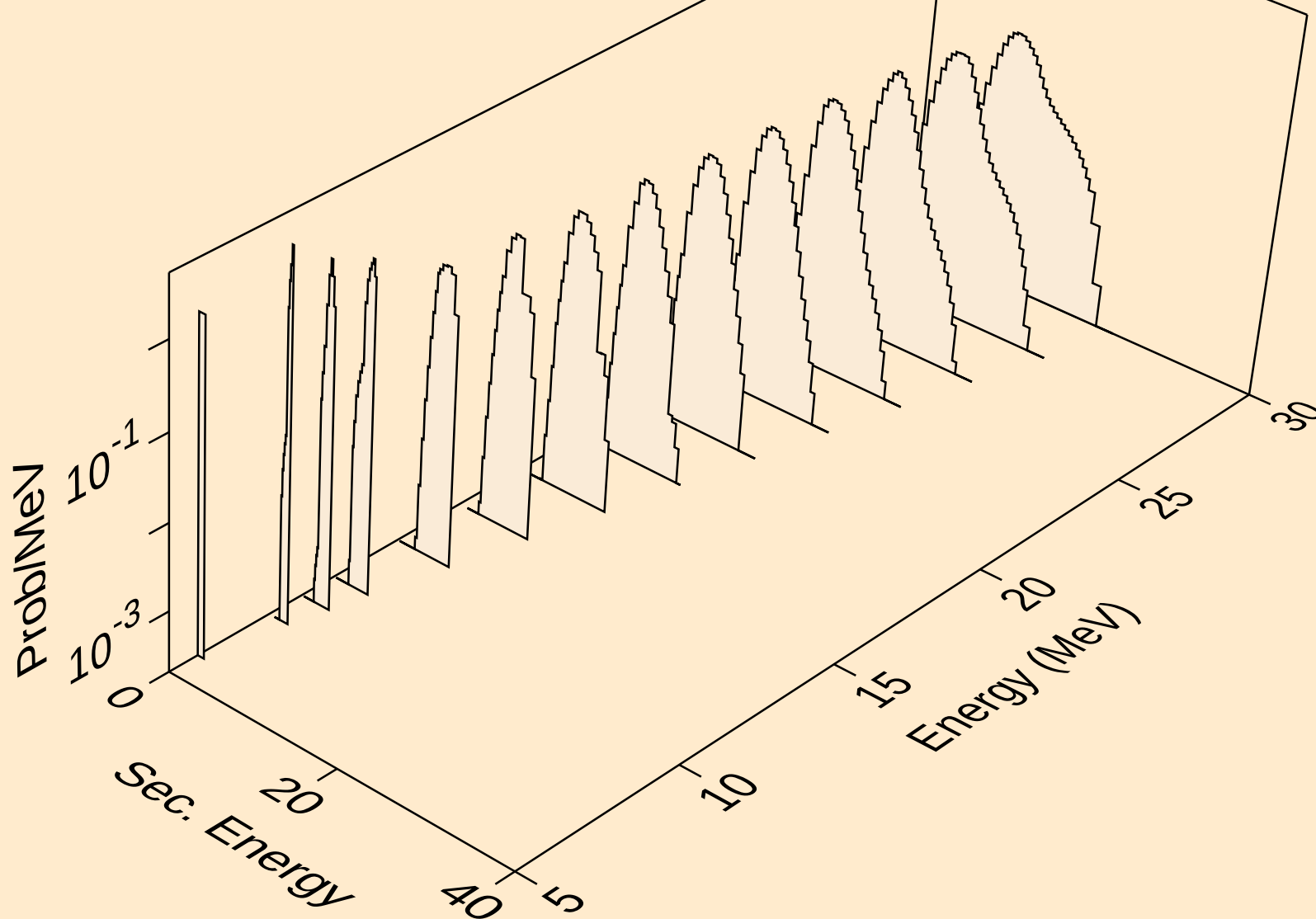
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protons from (a,n2p)



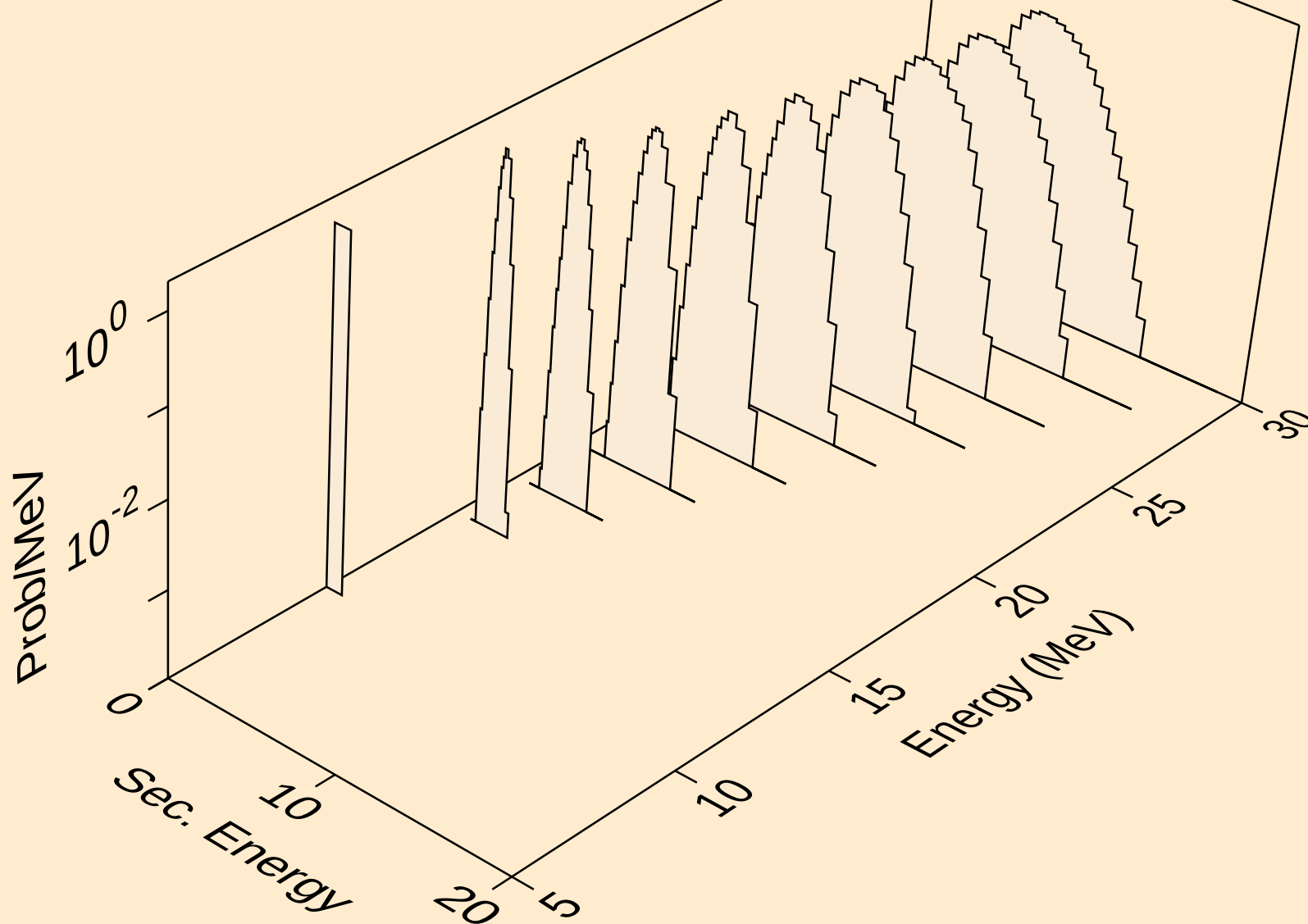
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protons from (a,npa)



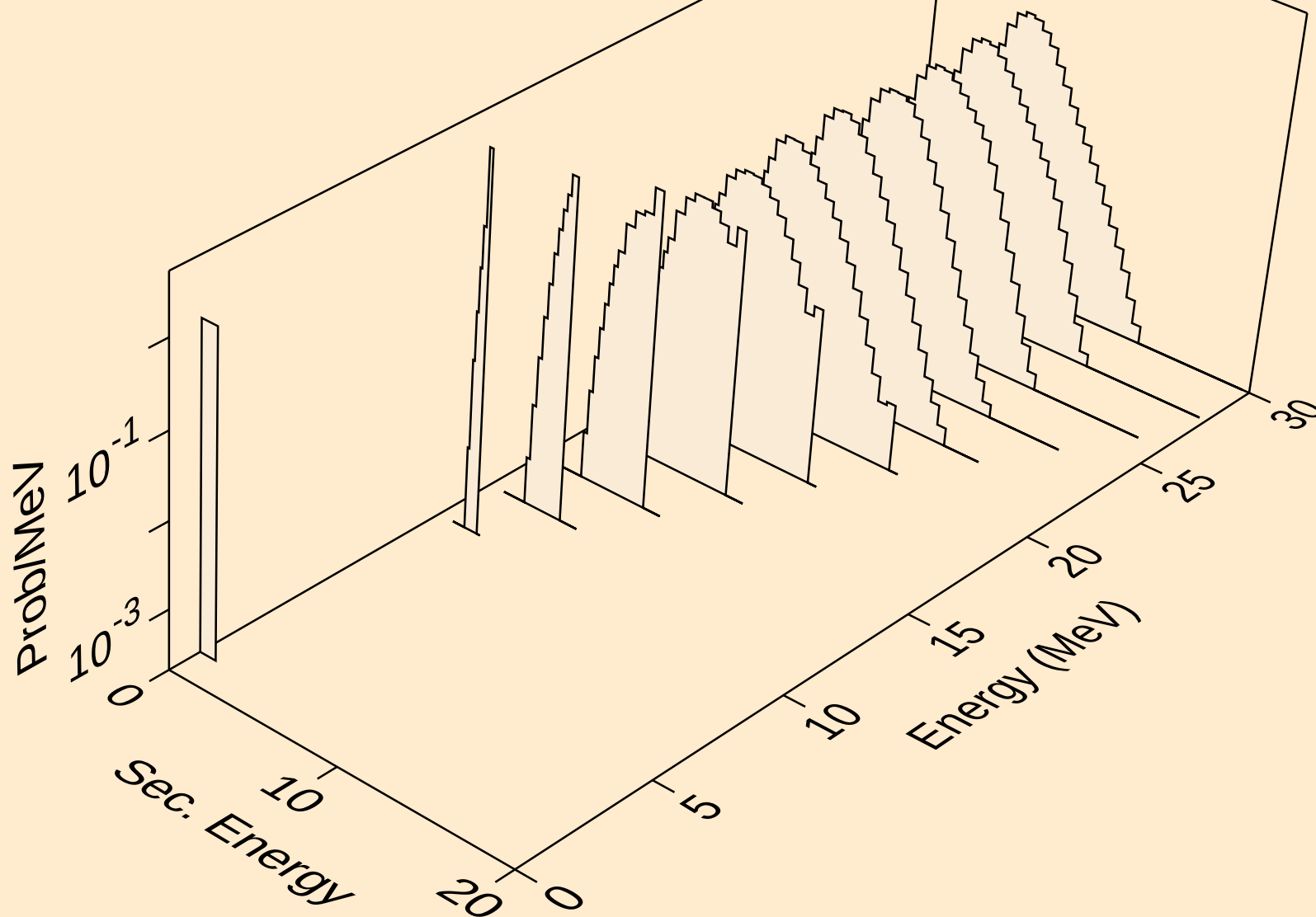
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protons from (a,p)



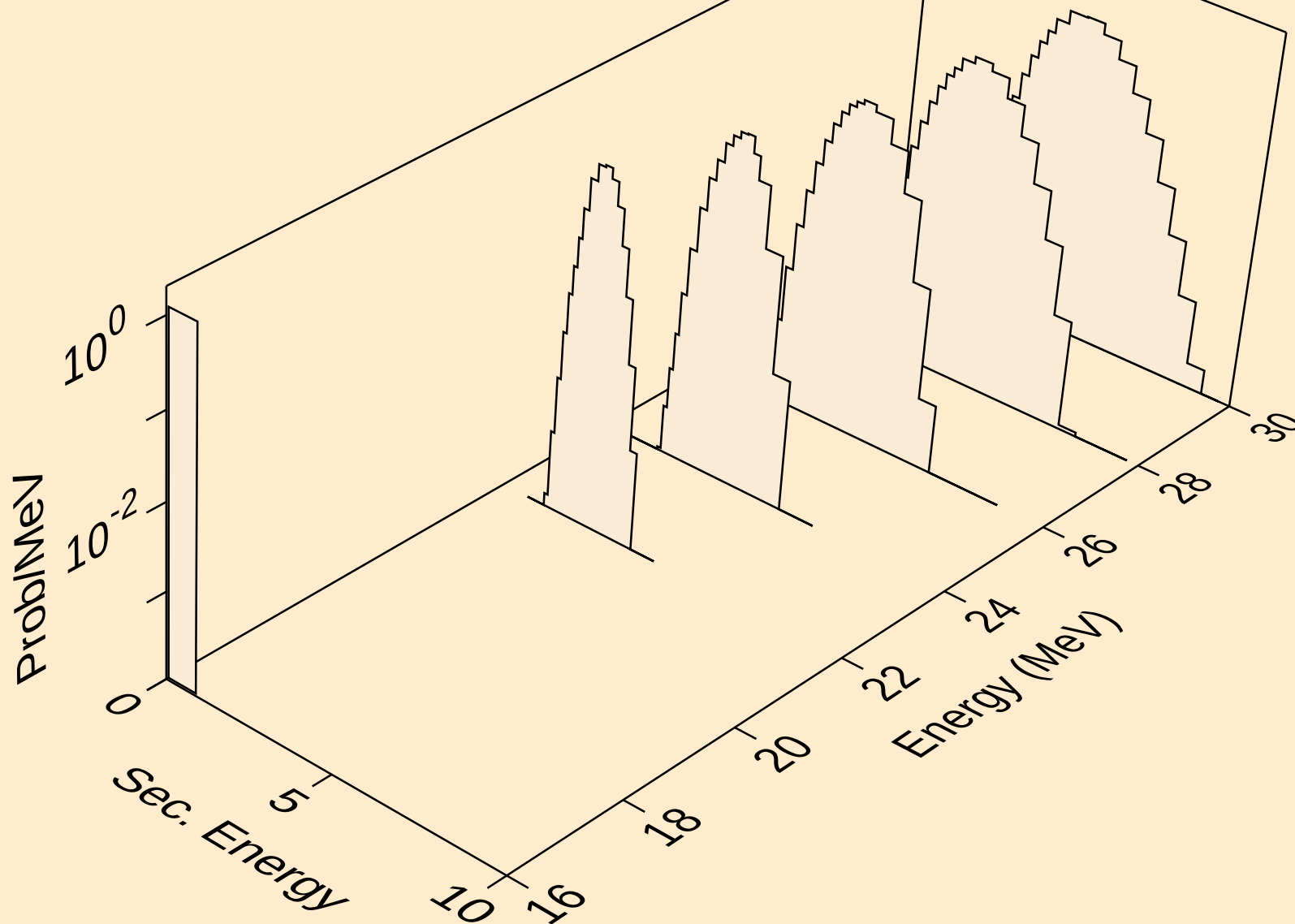
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protons from (a,2p)



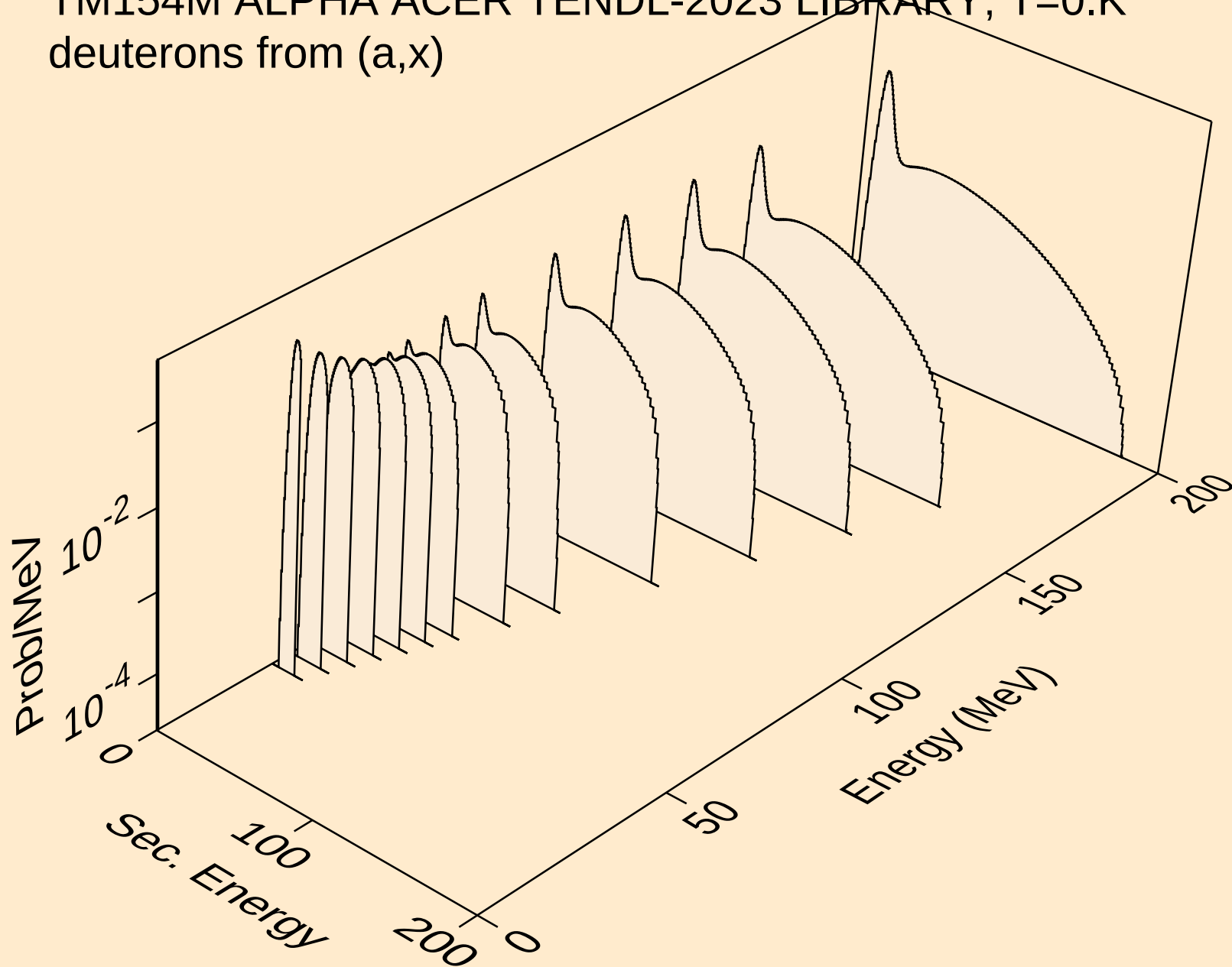
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protons from (a,pa)



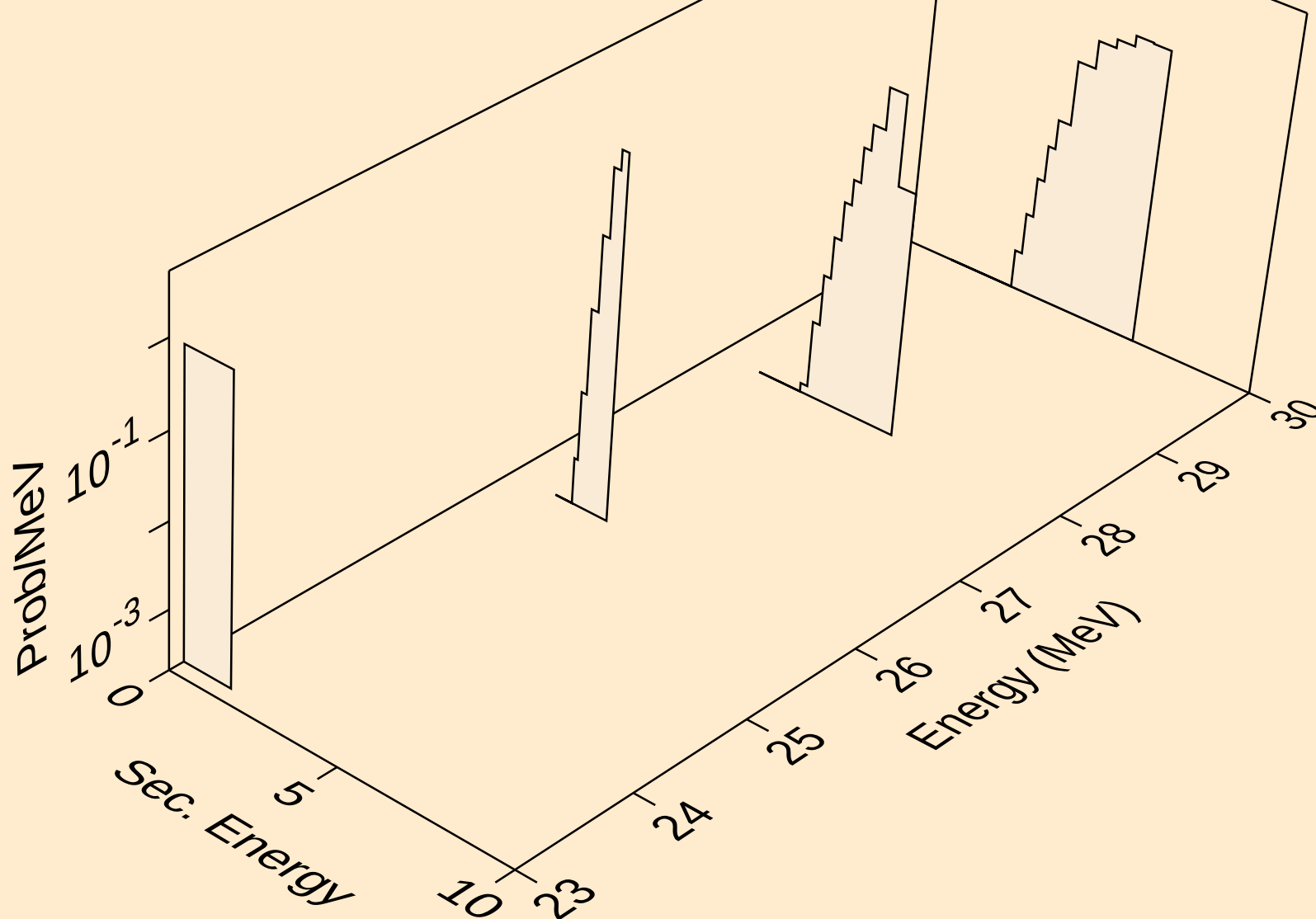
TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,pd)



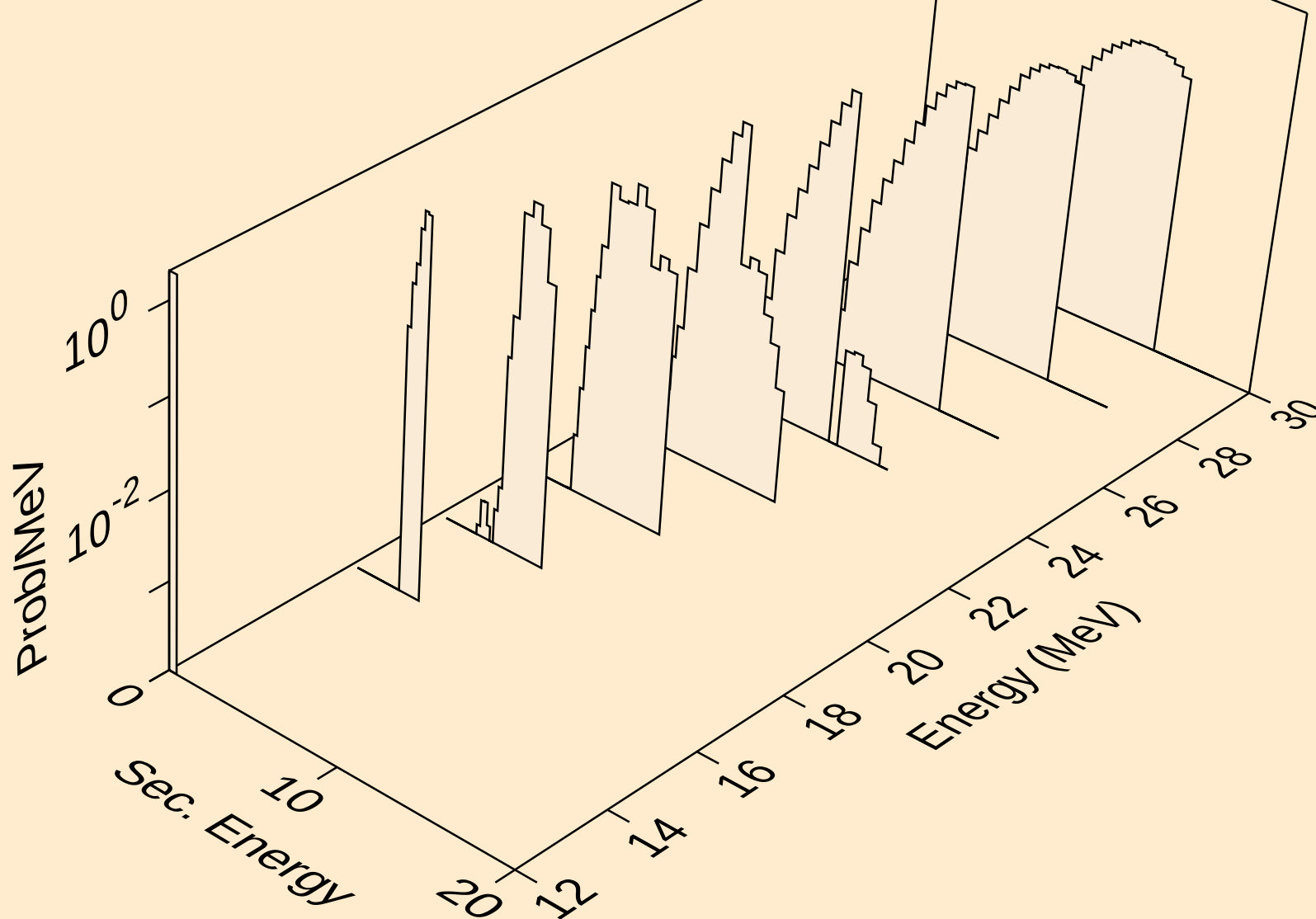
TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,x)



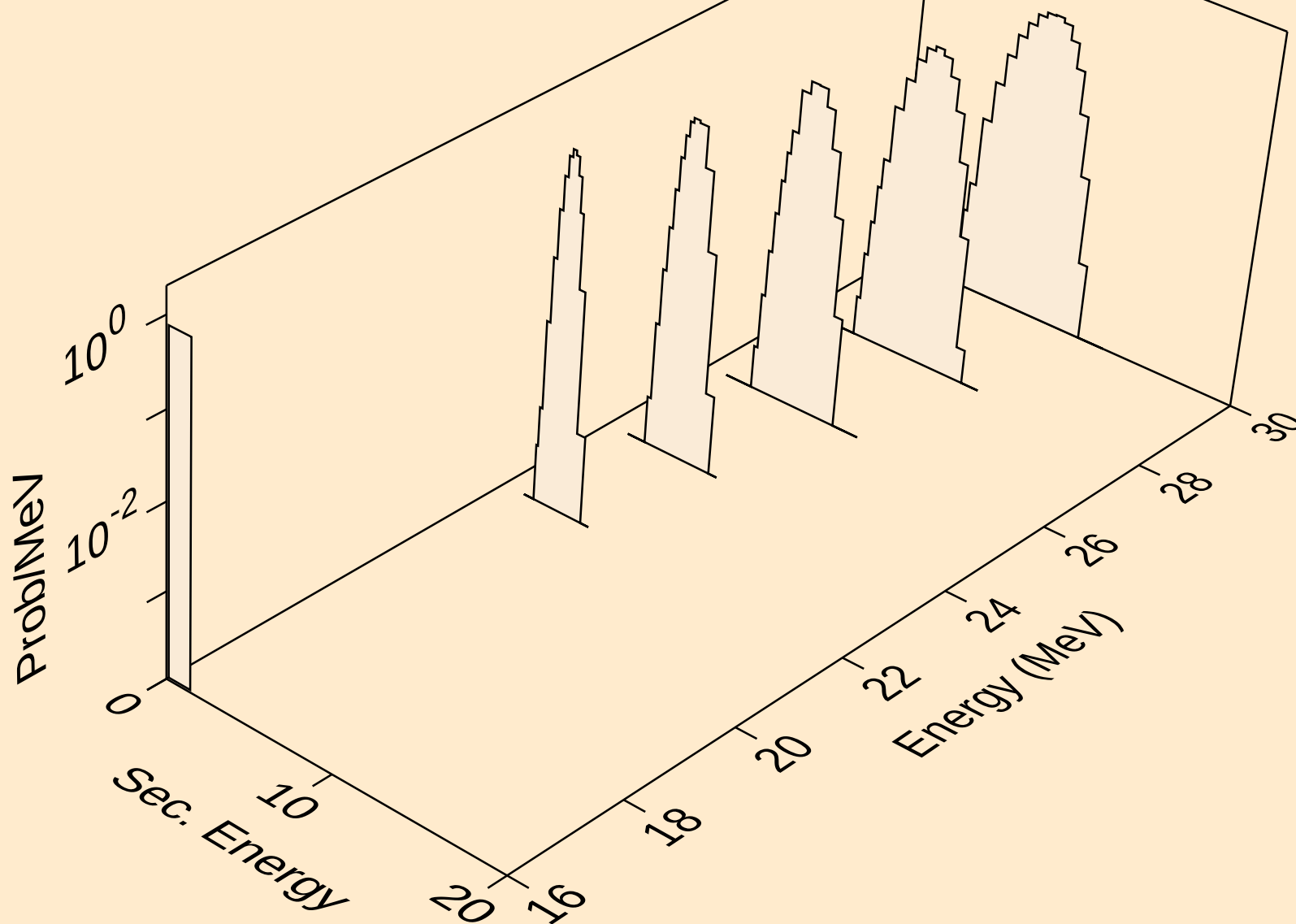
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deuterons from (a,n*)d



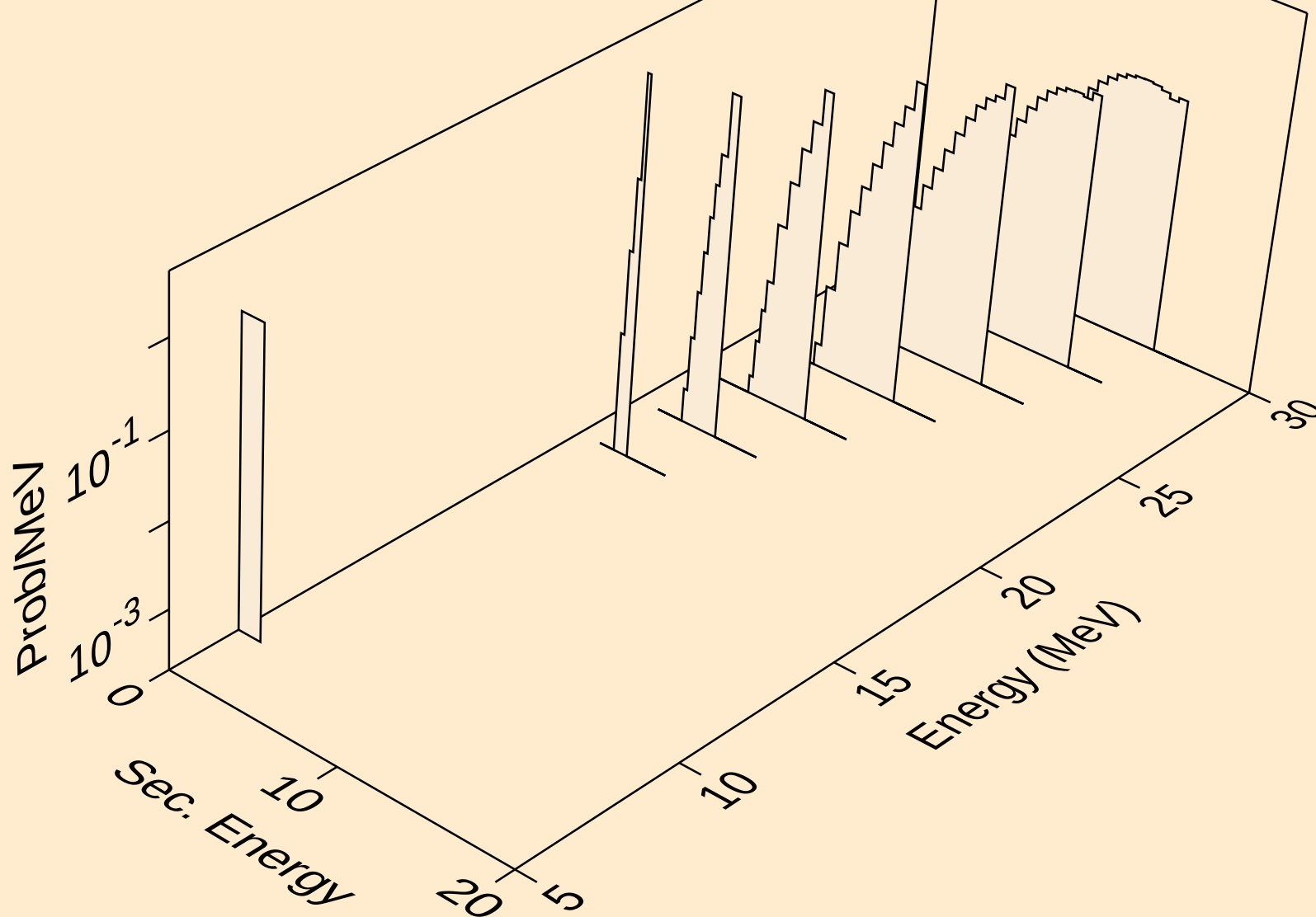
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deuterons from (a,d)



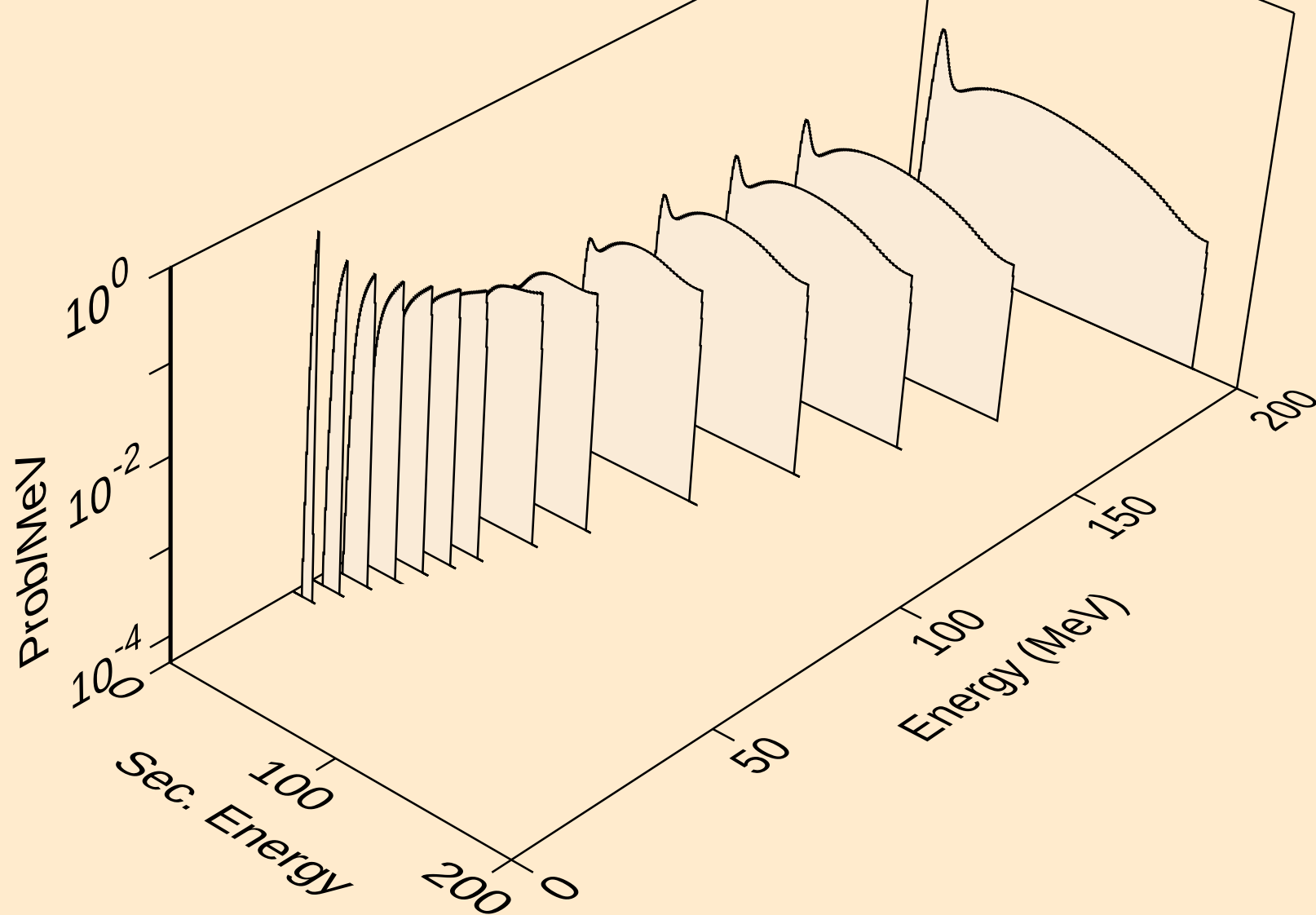
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deuterons from (a,pd)



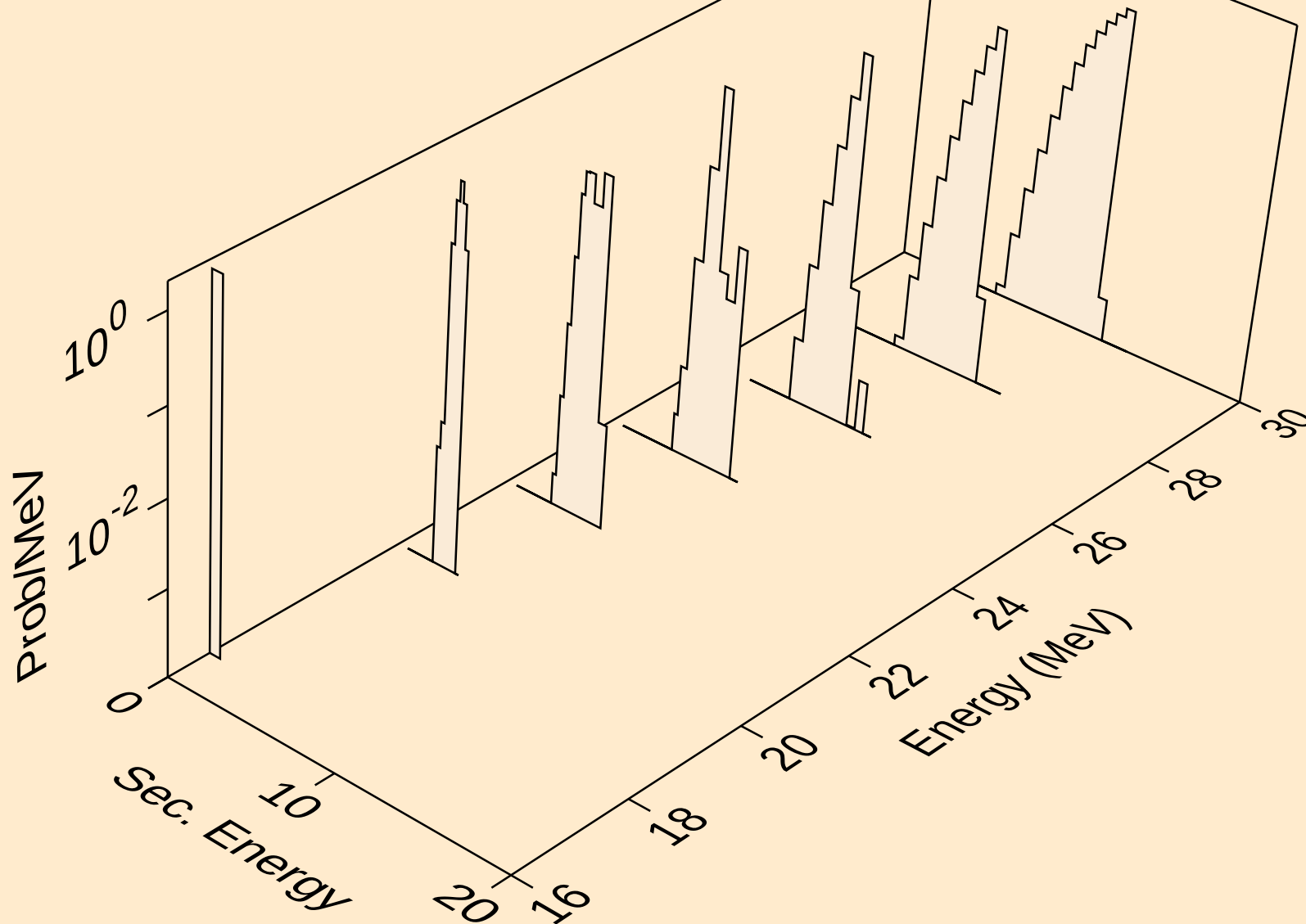
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deuterons from (a,da)



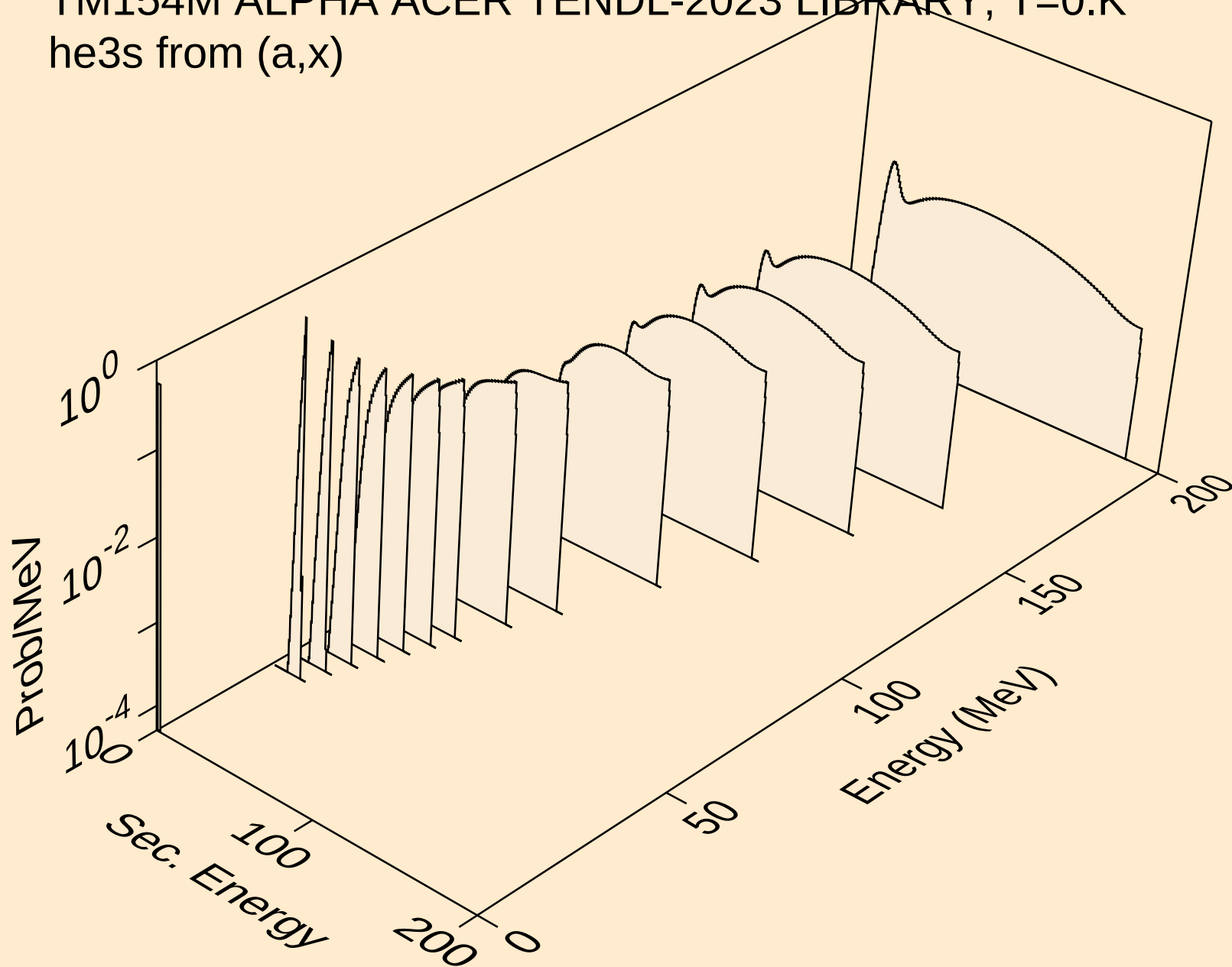
TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
tritons from (a,x)



TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
tritons from (a,t)



TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
he3s from (a,x)



TM154M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
he3s from (a,he3)

