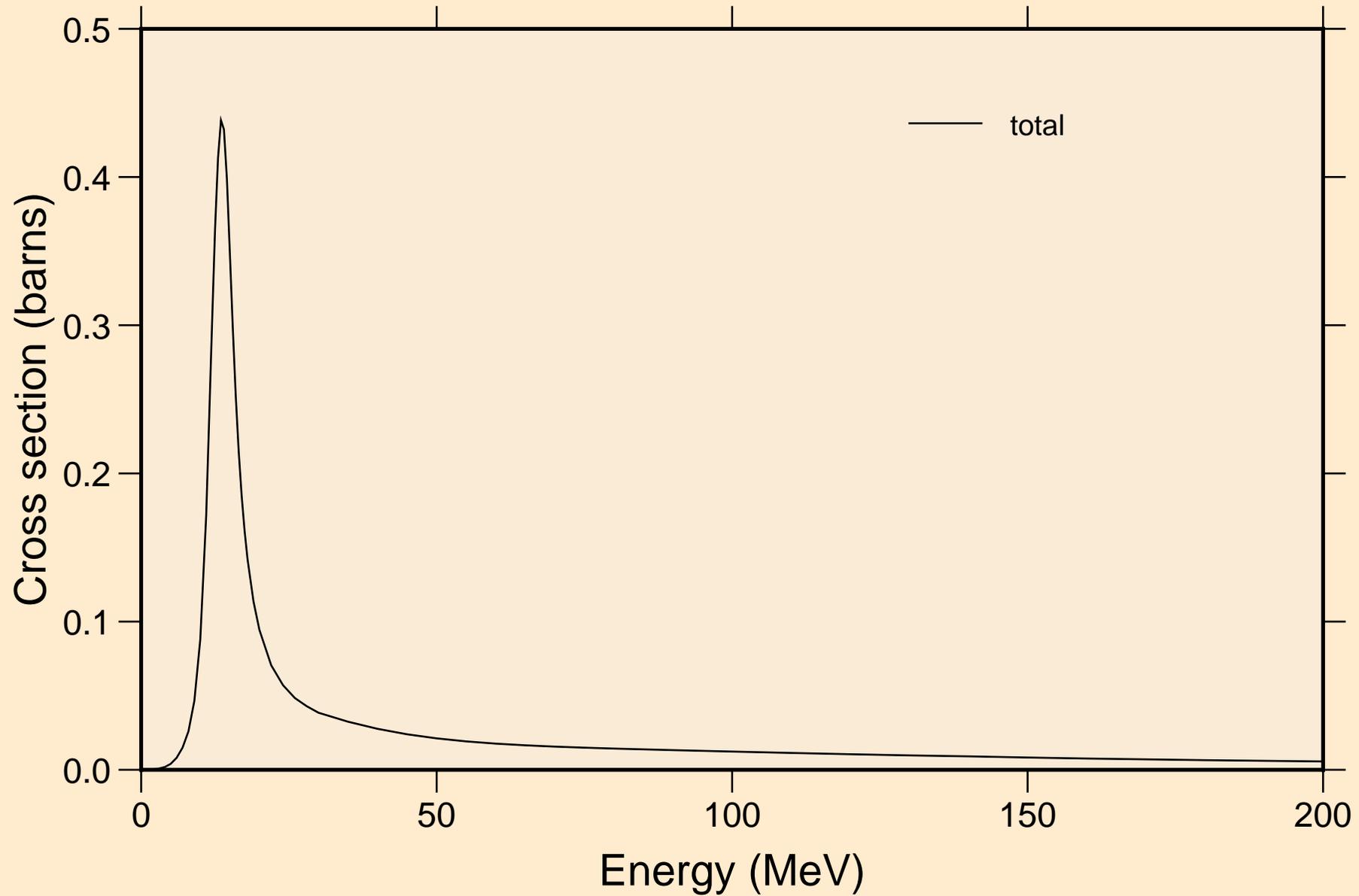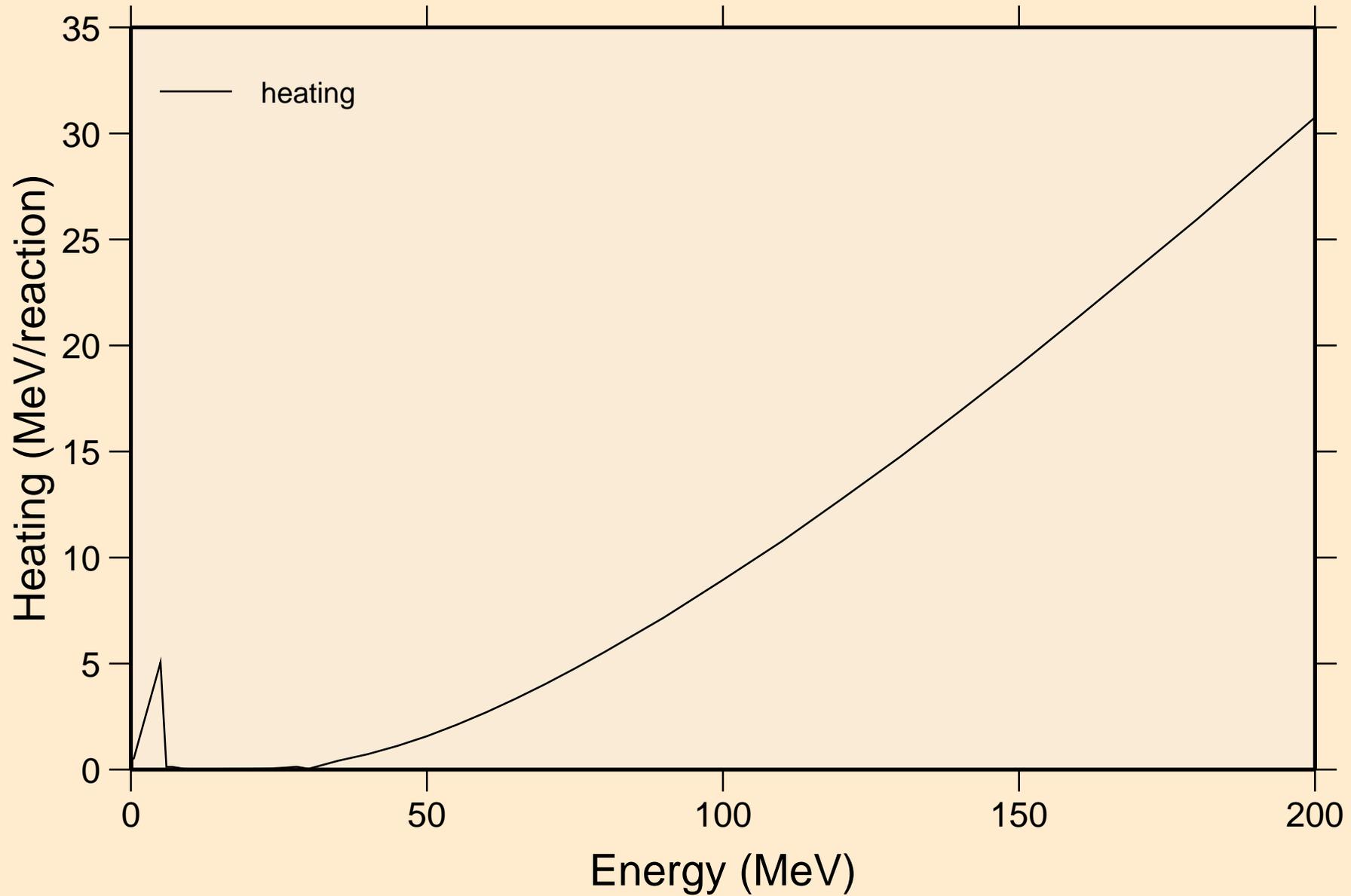RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
Principal cross sections

RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
Partial cross sections

Cross section (barns) vs Energy (MeV)

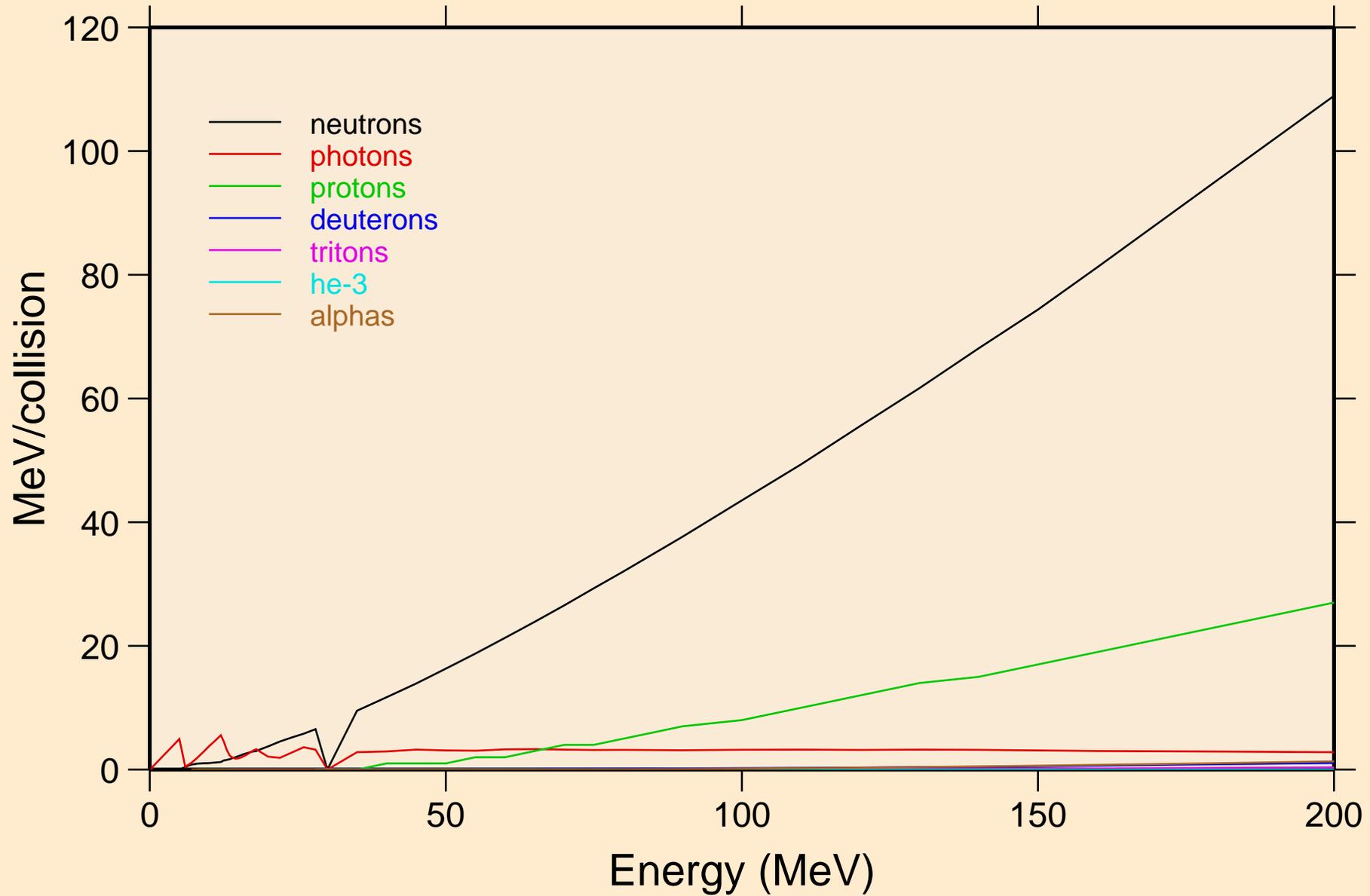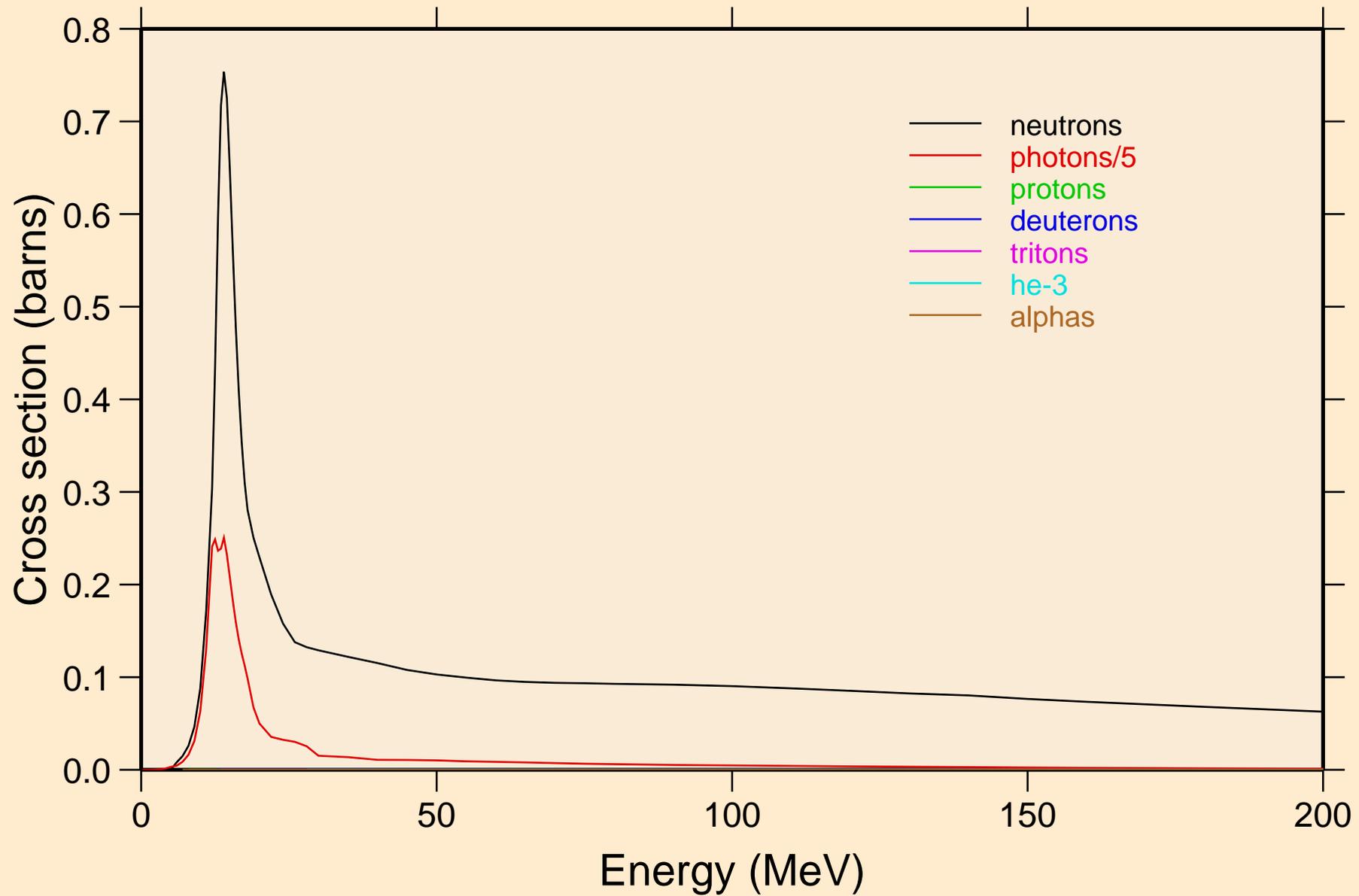| Legend	
(g,x)	
(g,2nd)	
(g,2n)	
(g,3n)	
(g,n*)a	
(g,2n)a	
(g,n*)p	
(g,n*)d	
(g,n*)t	
(g,4n)	
(g,2np)	
(g,3np)	
(g,n*0)	
(g,n*1)	
(g,n*c)	
(g,gma)	
(g,p)	
(g,d)	
(g,t)	
(g,a)	

RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
Heating

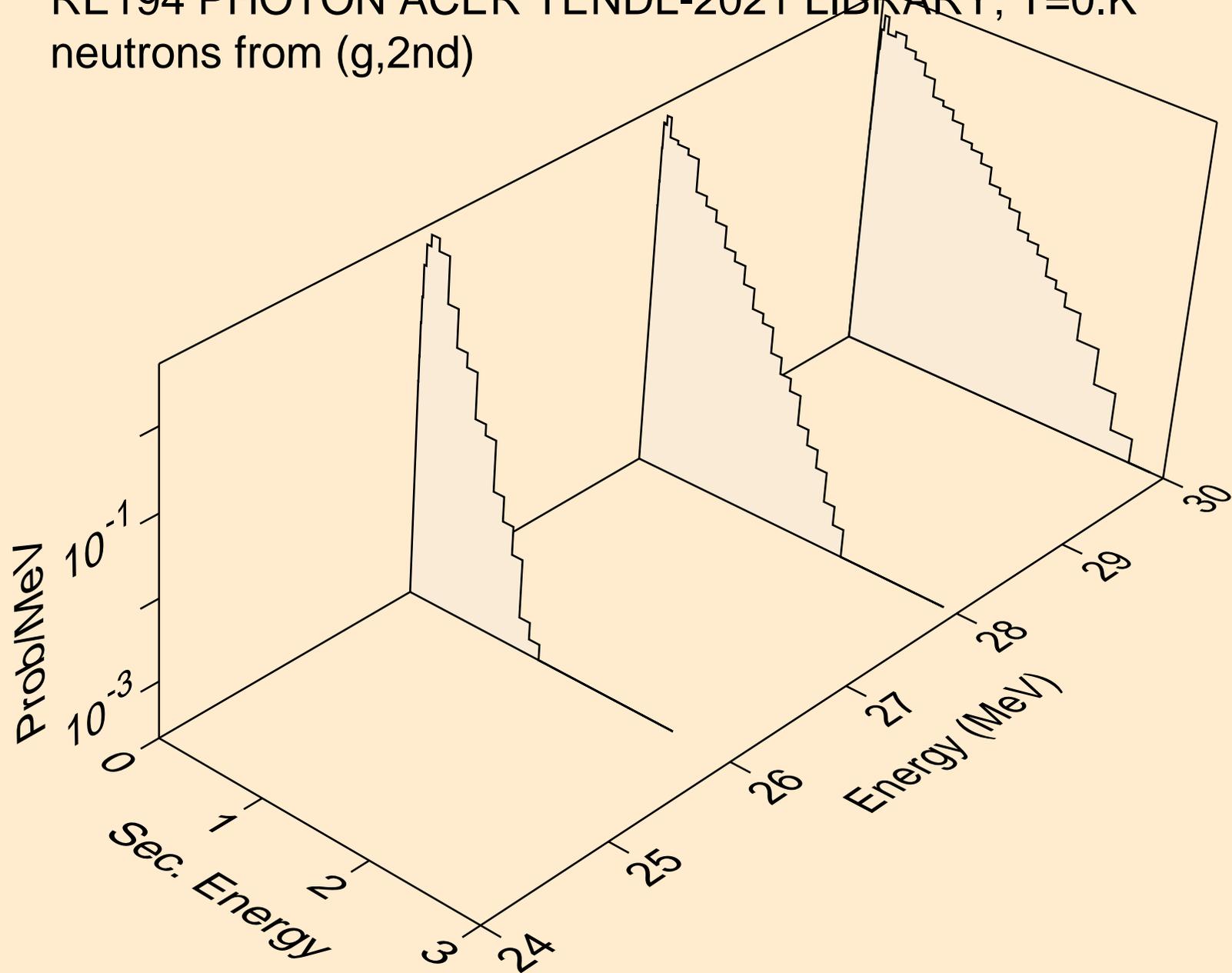RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
Particle heating contributions

Legend:
- neutrons
- photons
- protons
- deuterons
- tritons
- he-3
- alphas

Y-axis: MeV/collision
X-axis: Energy (MeV)

RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
Particle production cross sections

Legend:
— neutrons
— photons/5
— protons
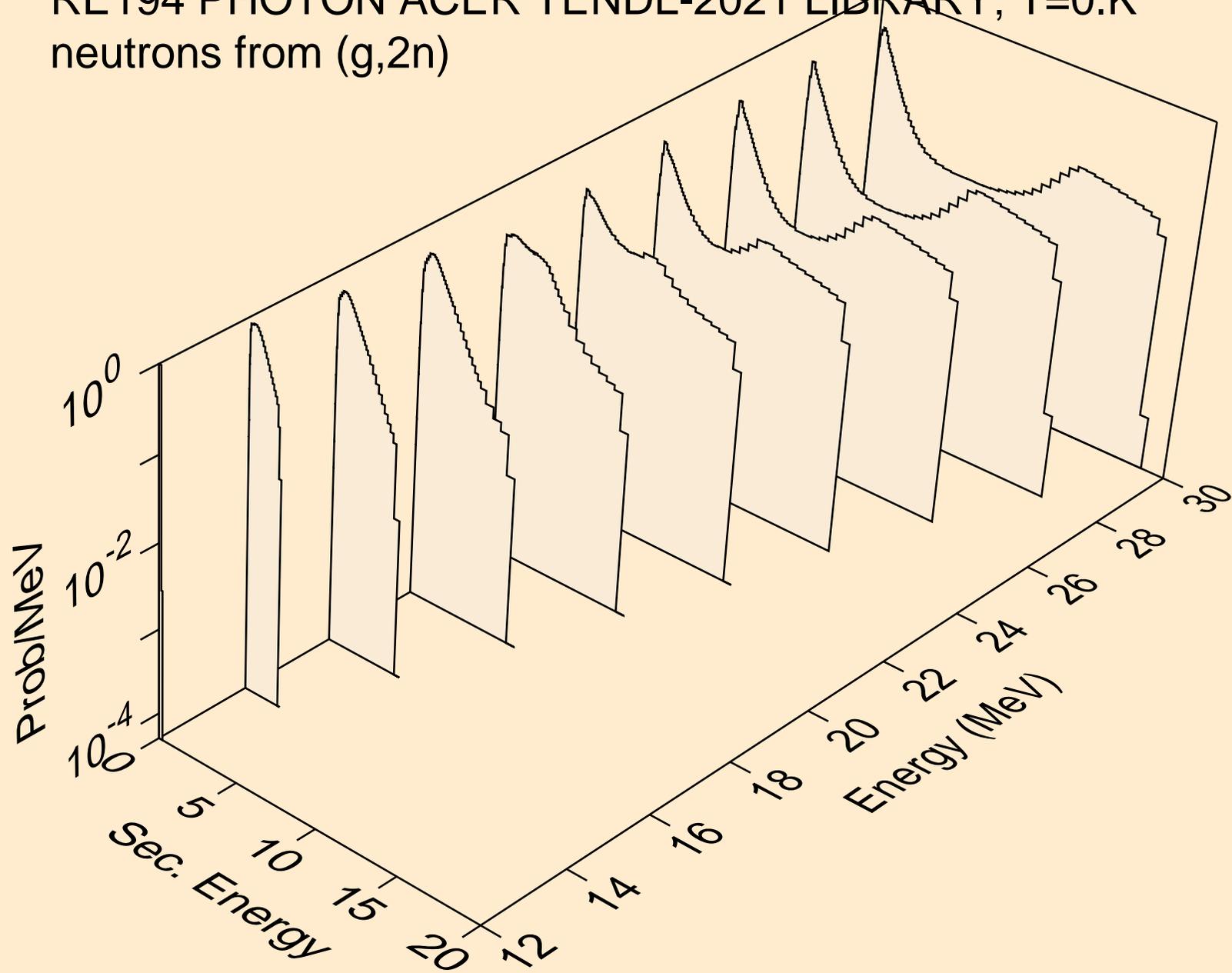— deuterons
— tritons
— he-3
— alphas

RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
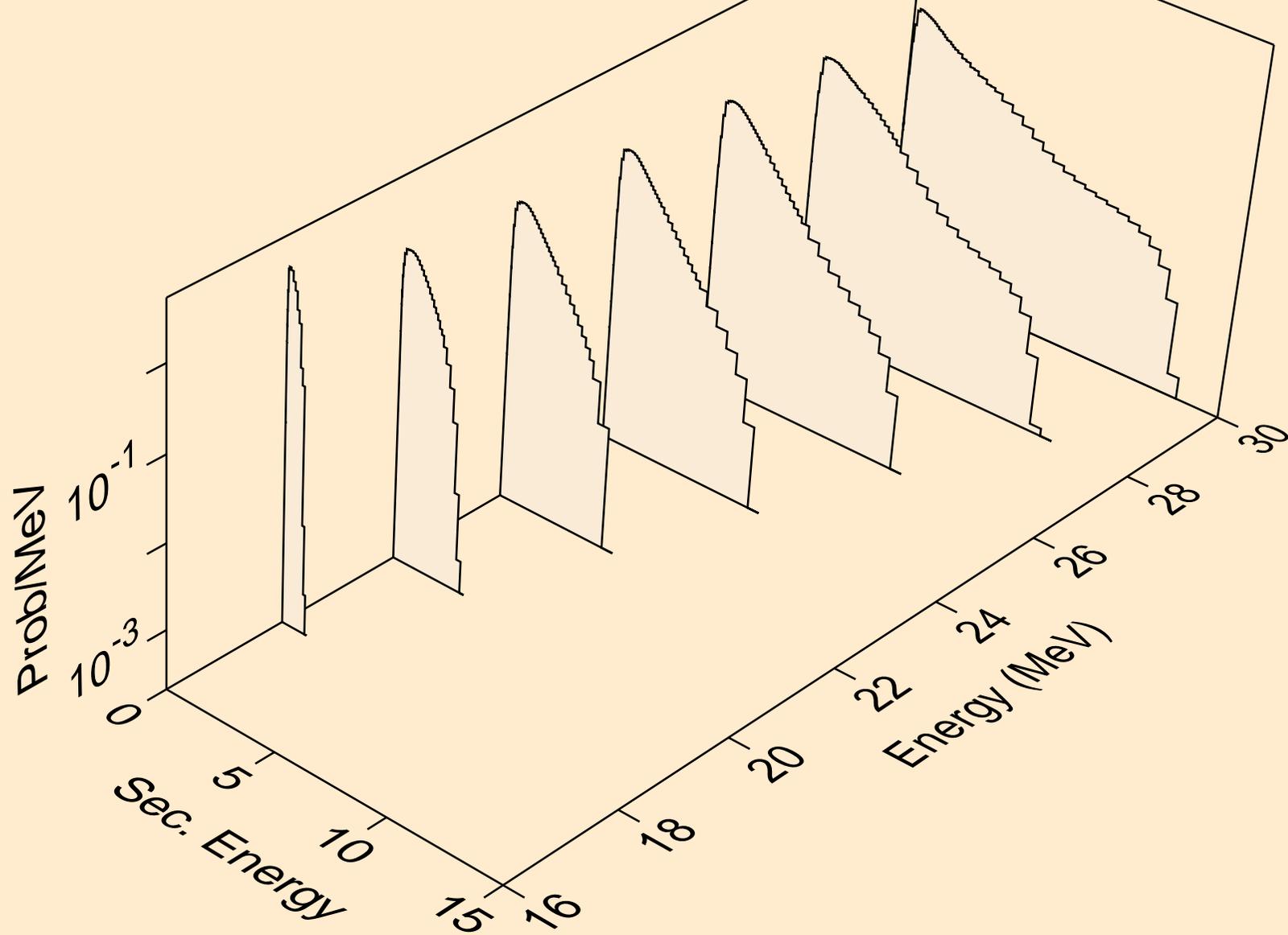neutrons from (g,x)

RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
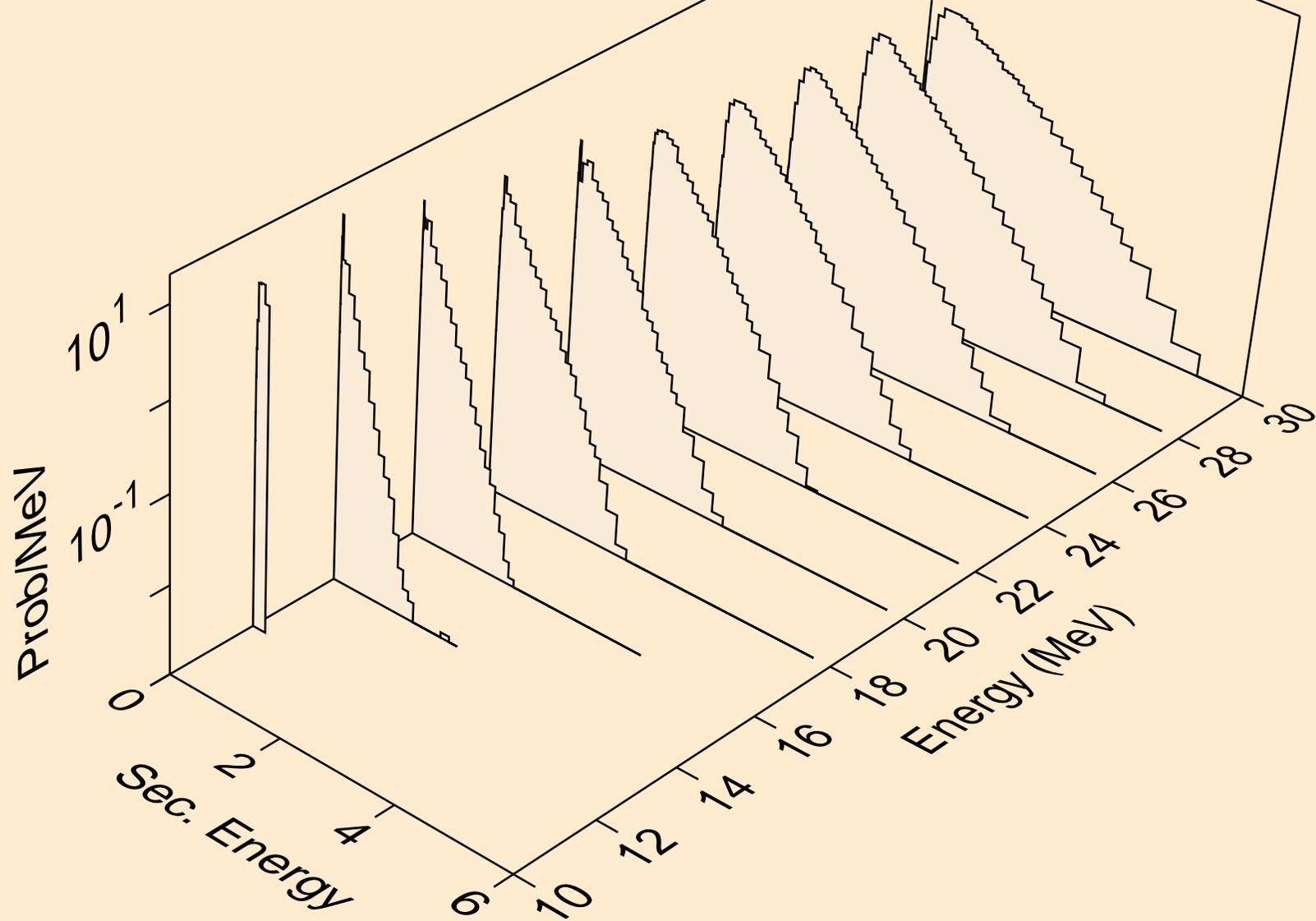neutrons from (g,2nd)

RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
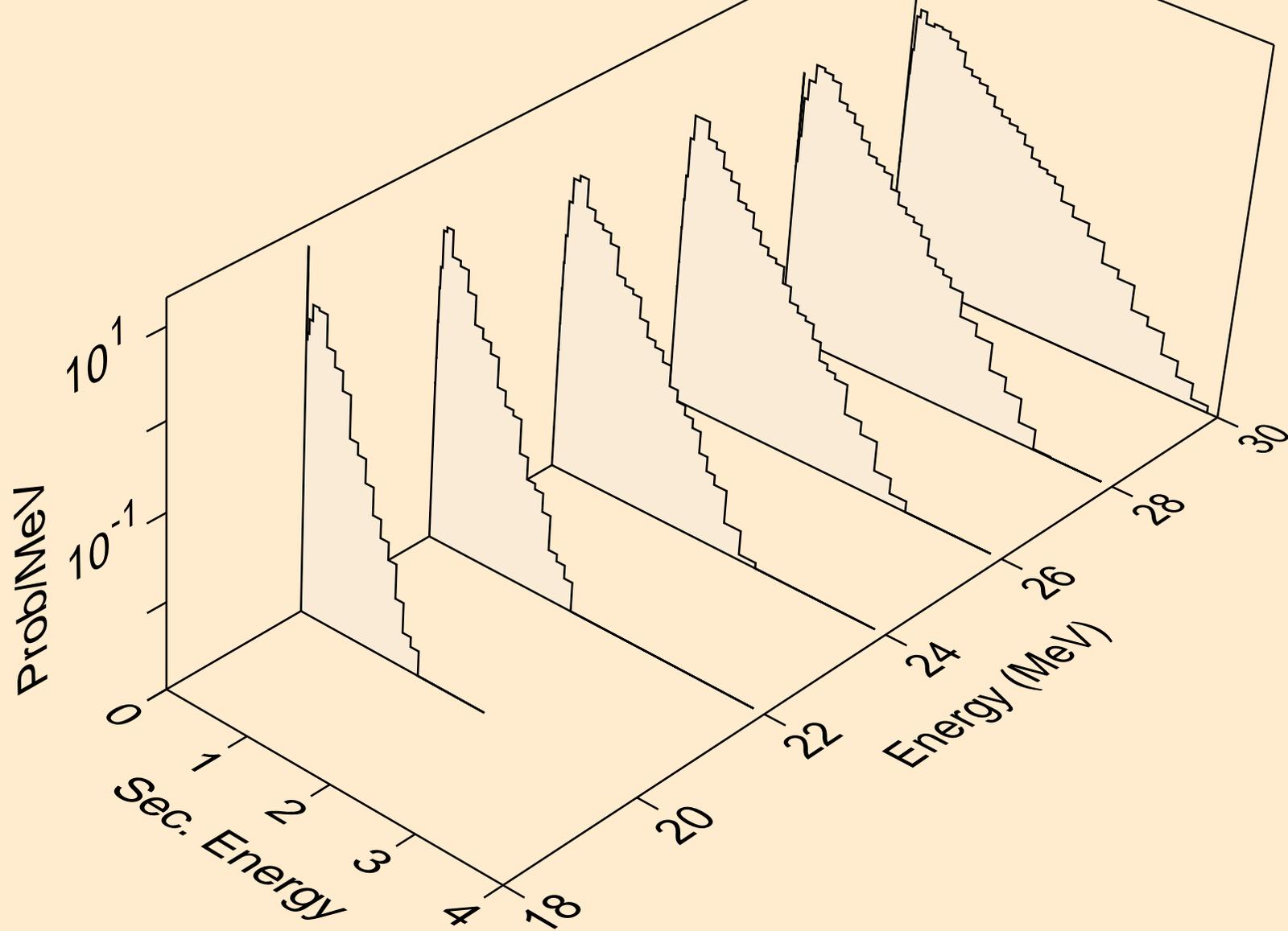neutrons from (g,2n)

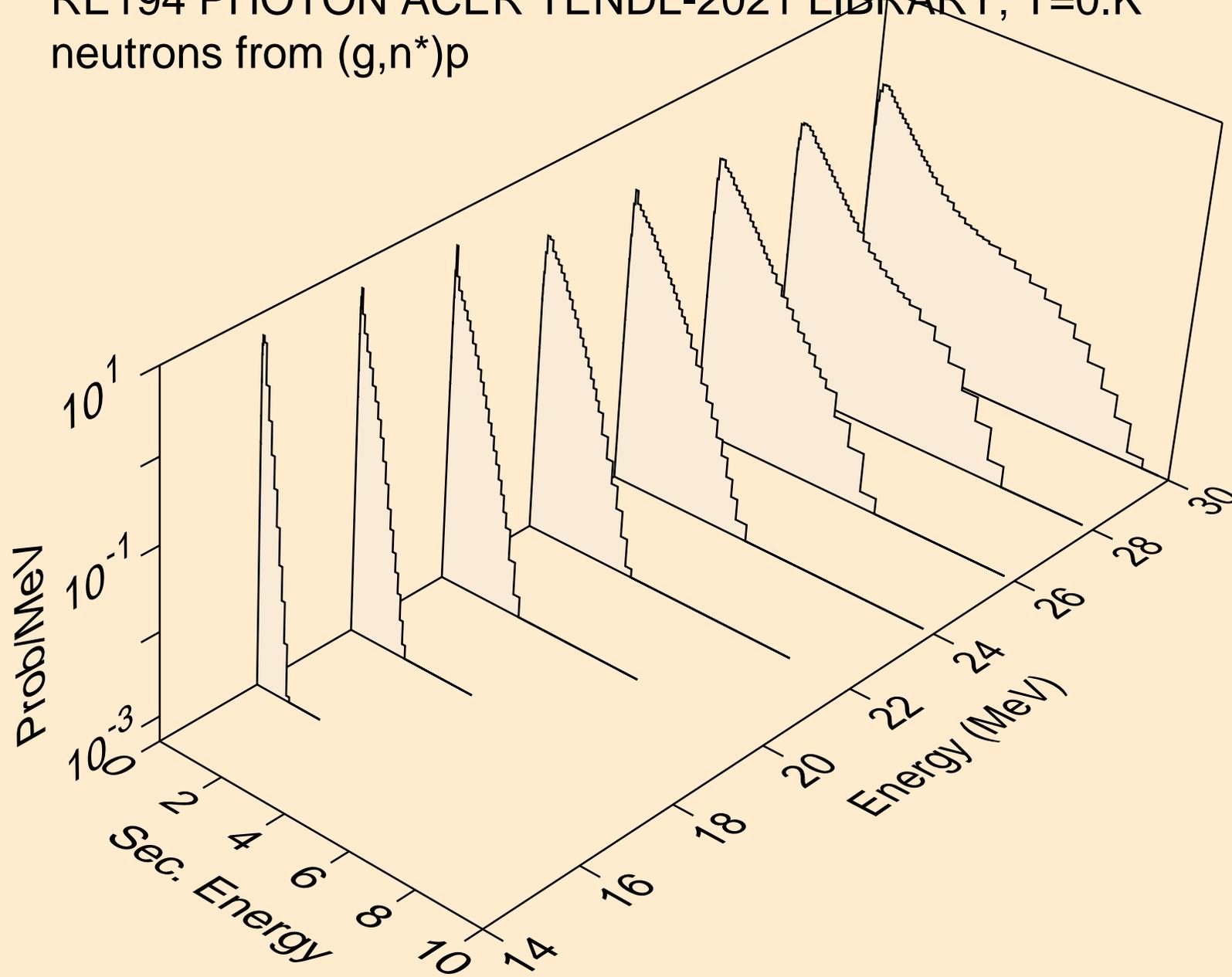RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (g,3n)

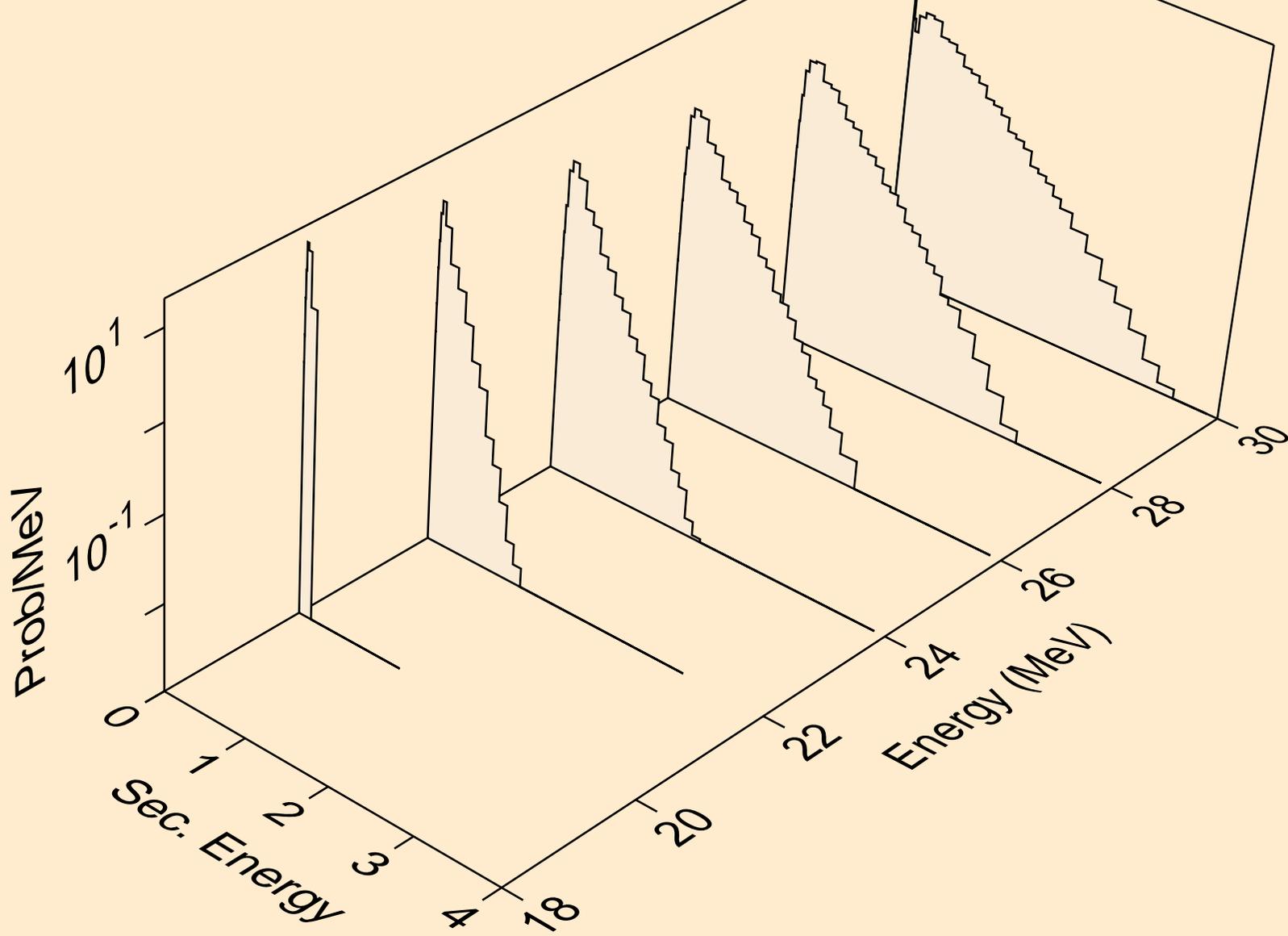RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (g,n*)a

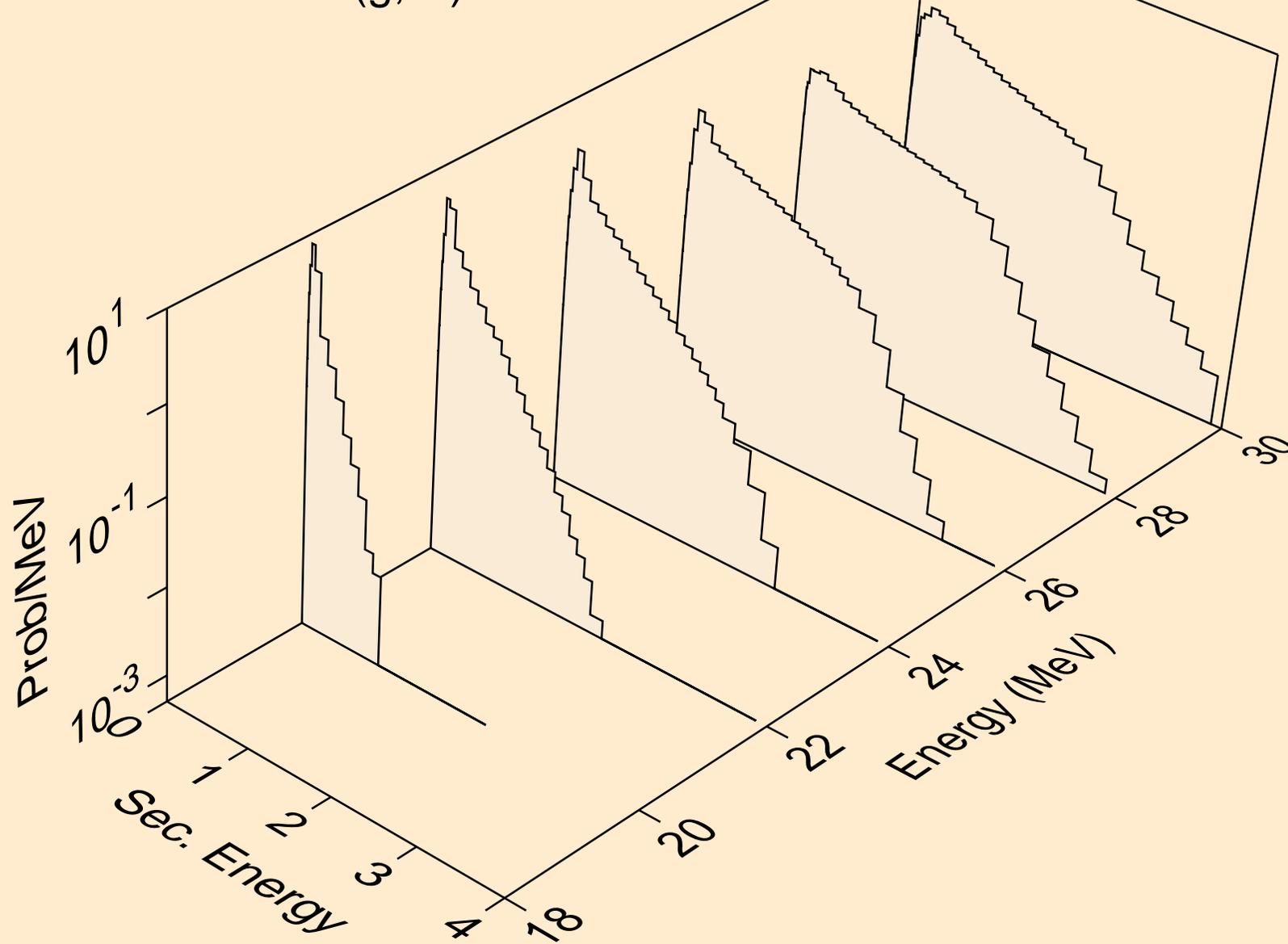RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (g,2n)a

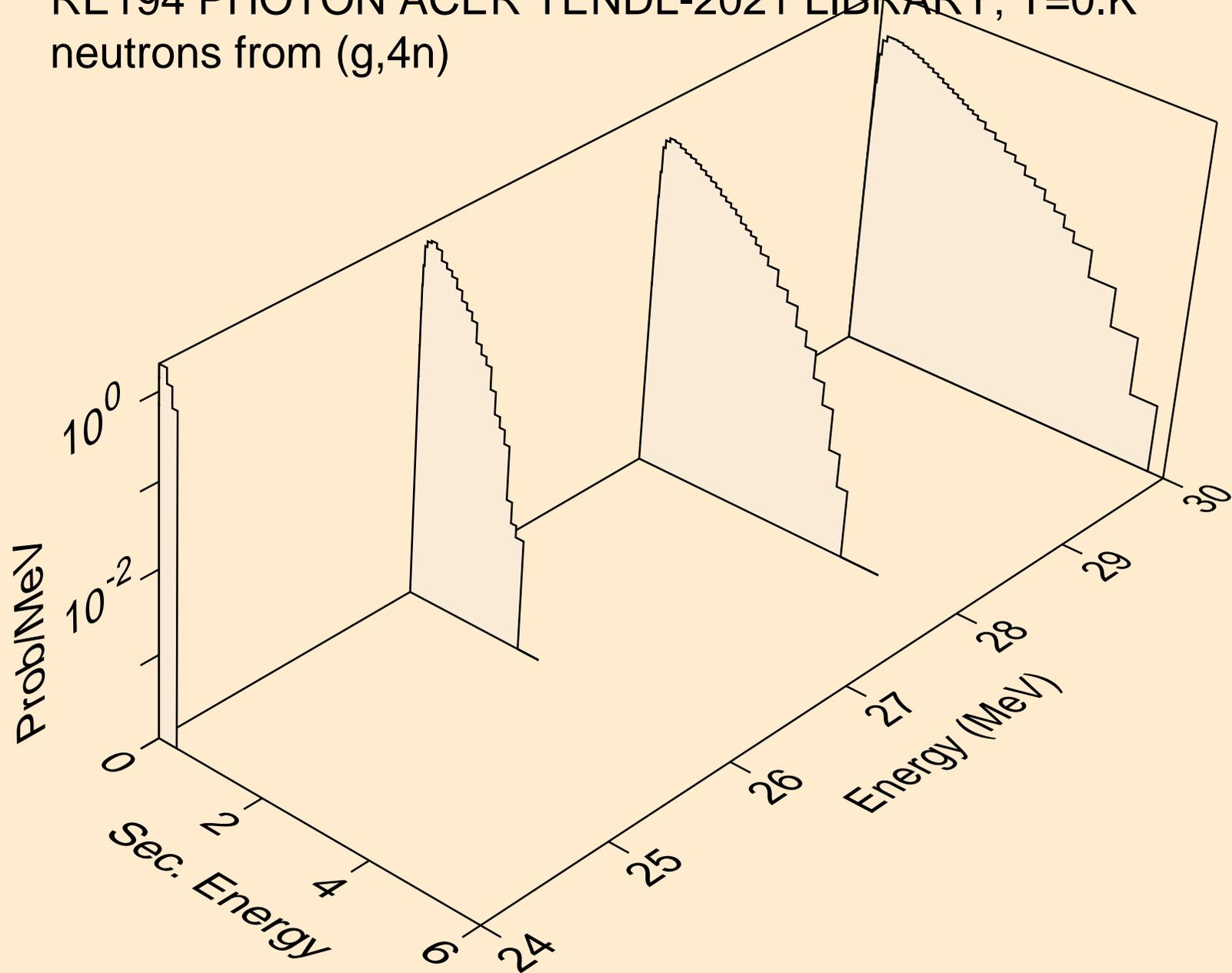RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (g,n*)p

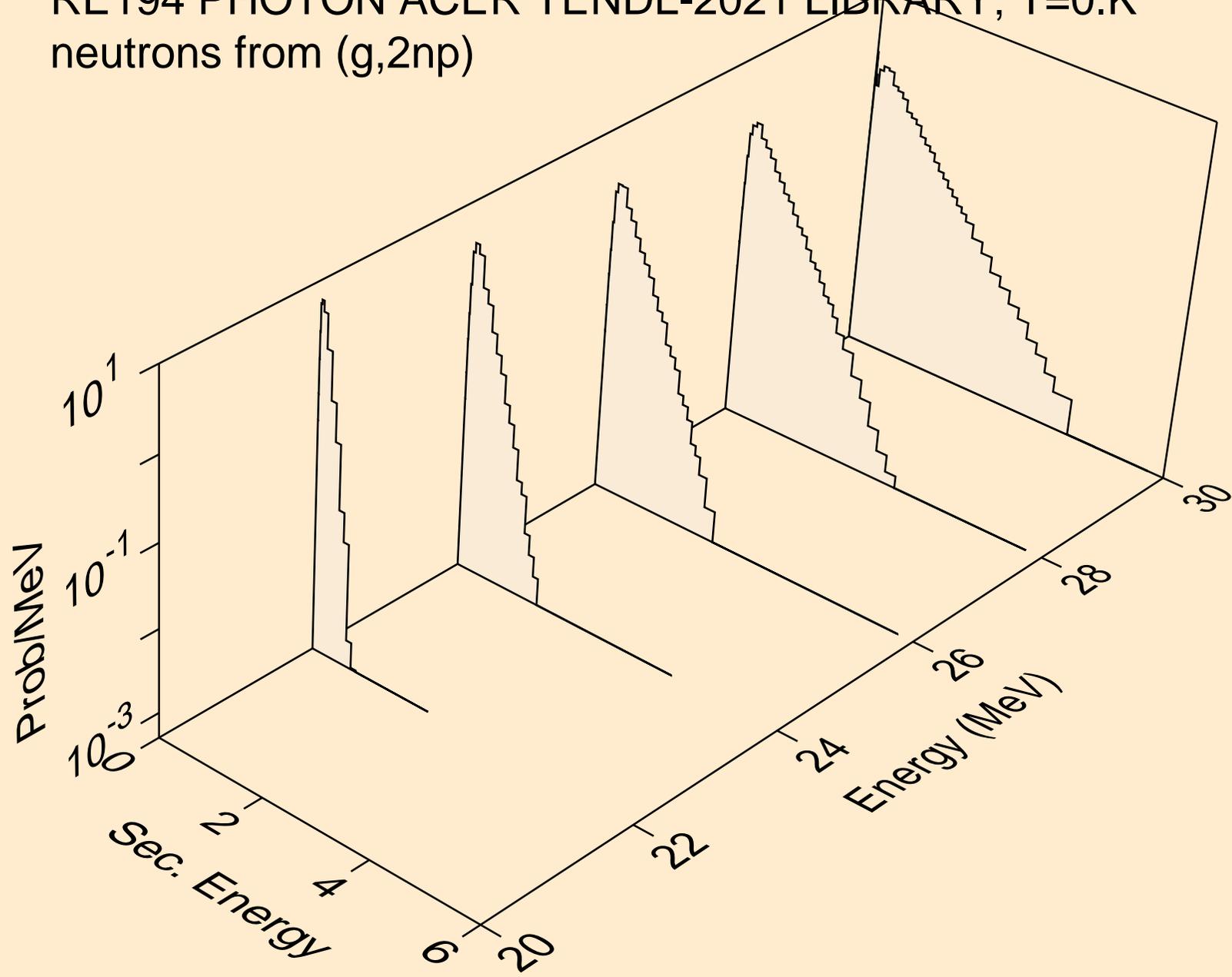RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (g,n*)d

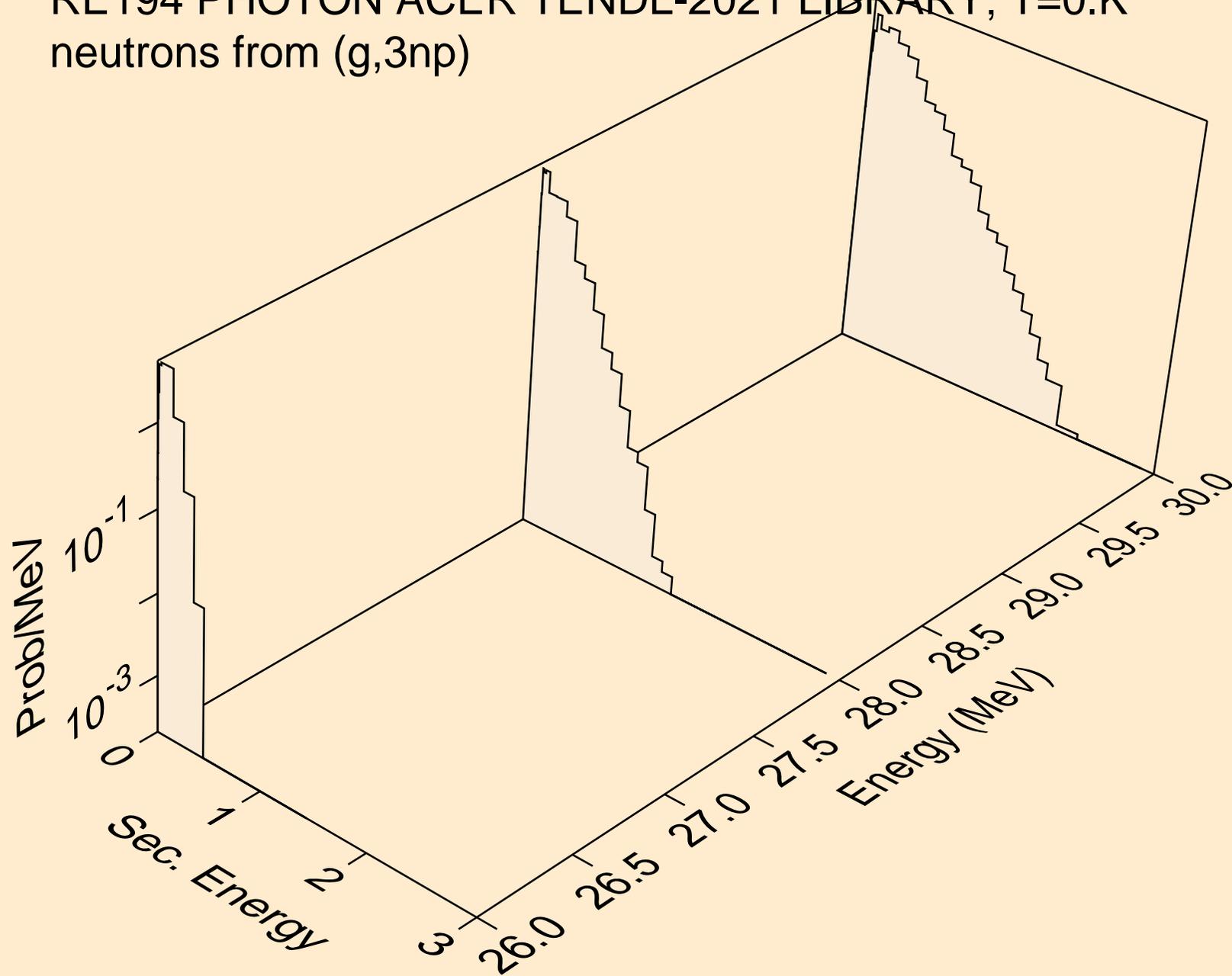RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (g,n*)t

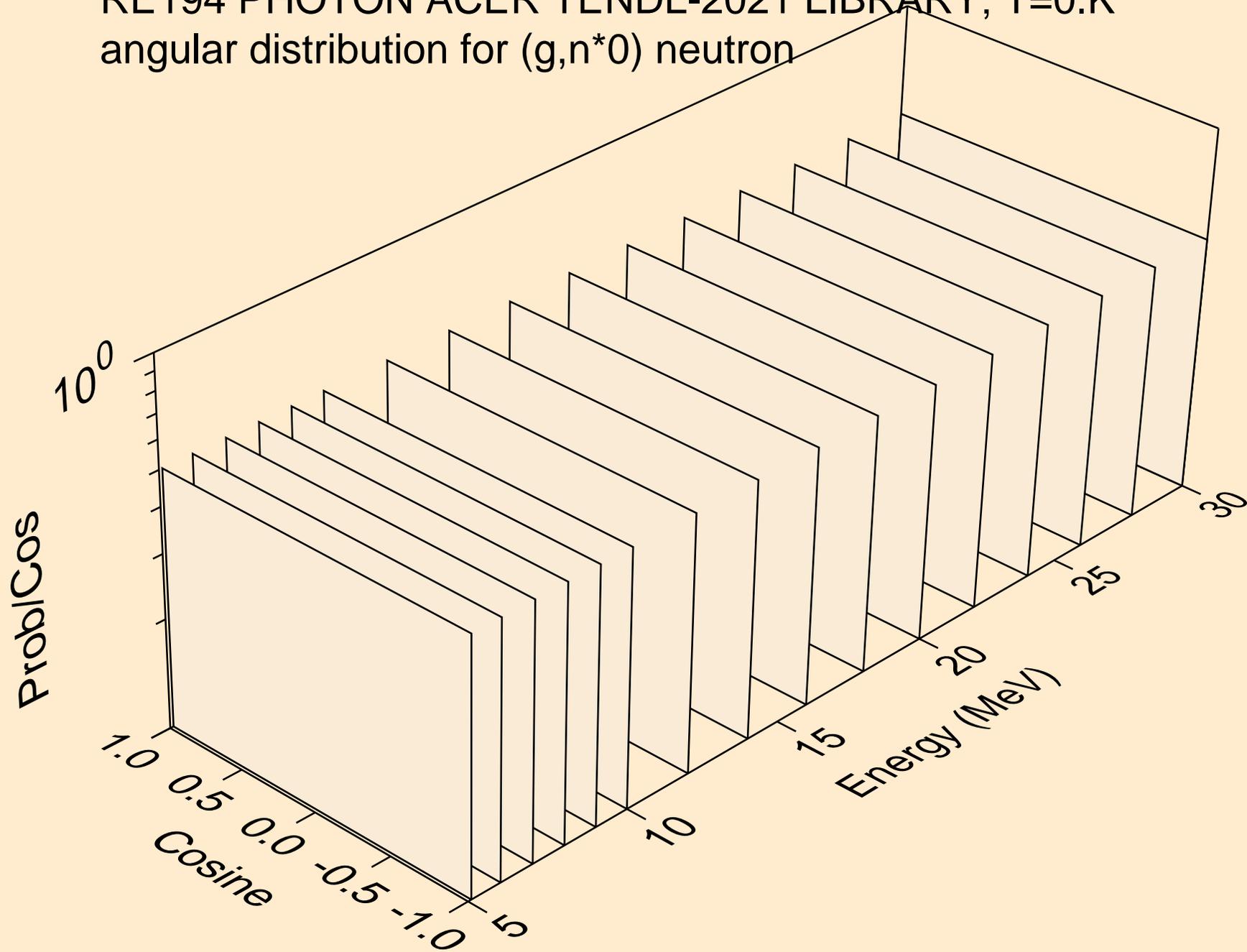RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (g,4n)

RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
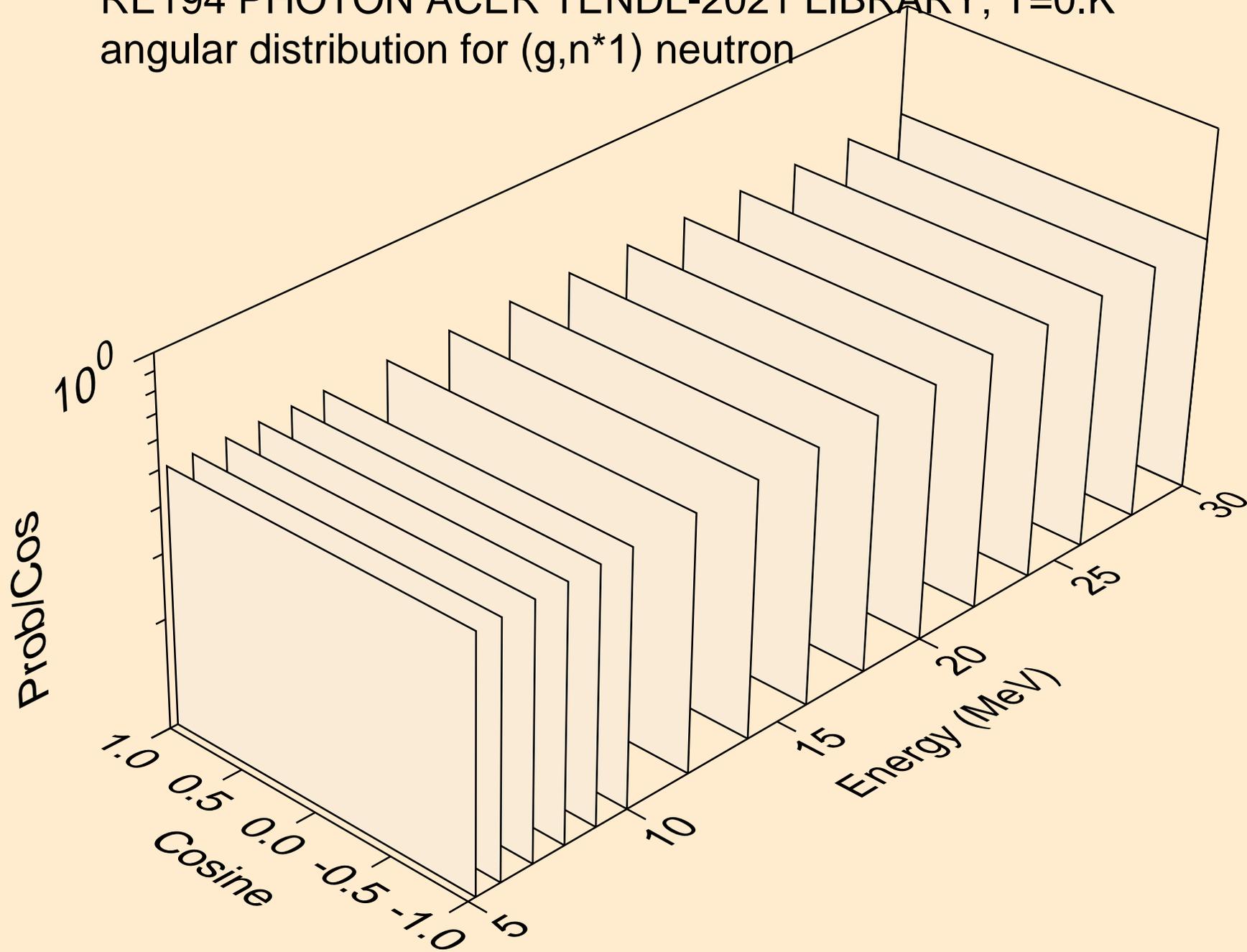neutrons from (g,2np)

RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
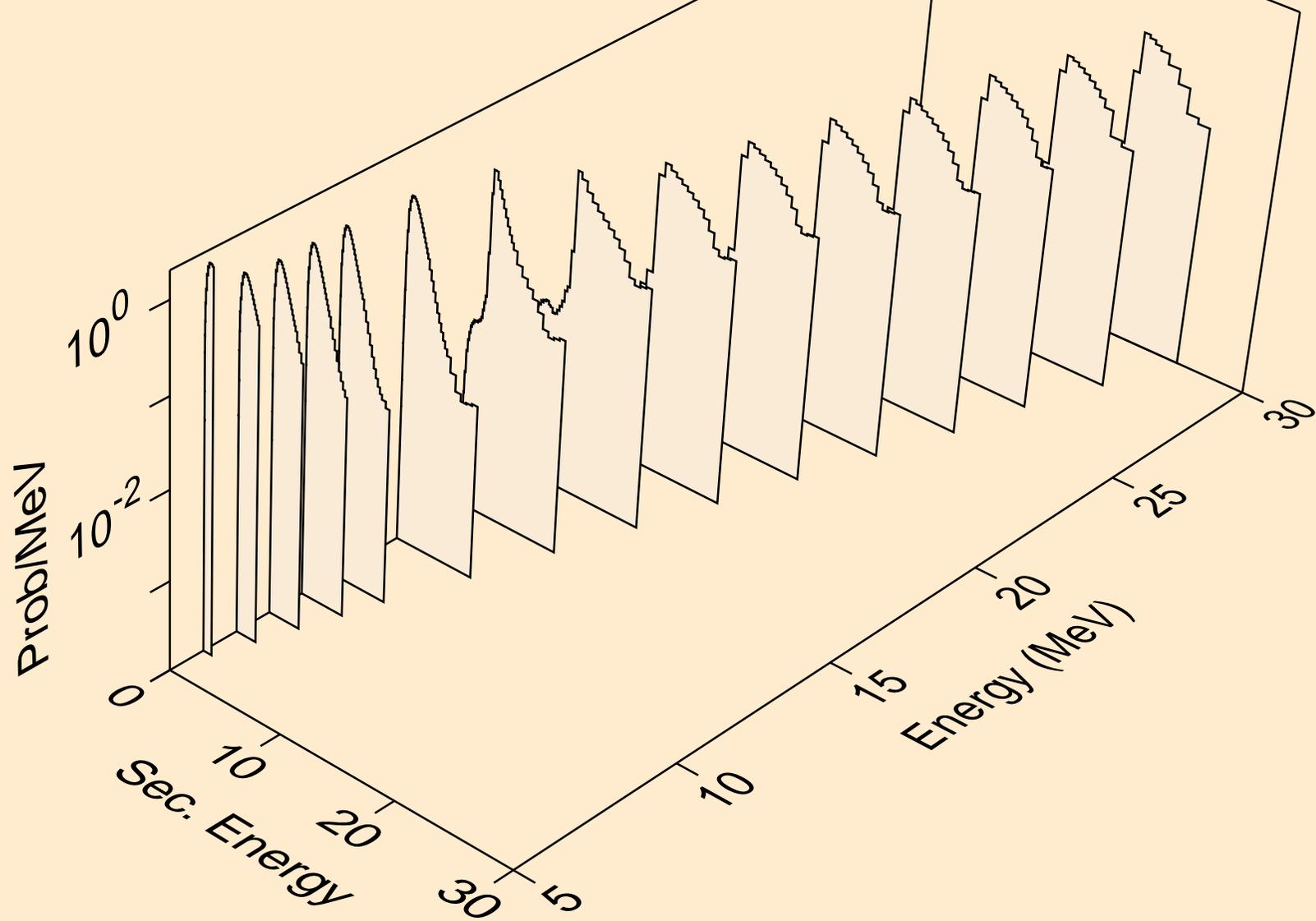neutrons from (g,3np)

RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
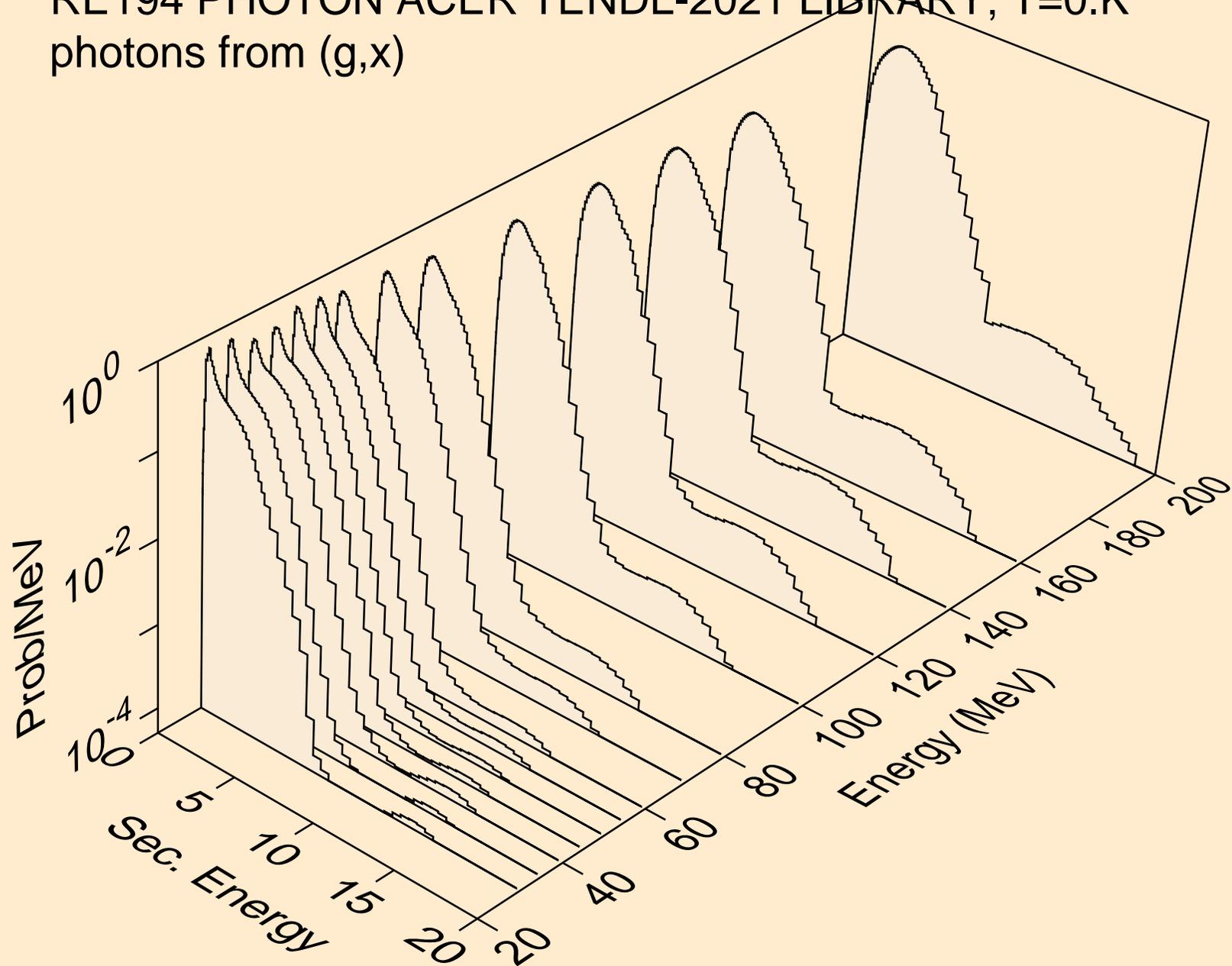angular distribution for (g,n*0) neutron

RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
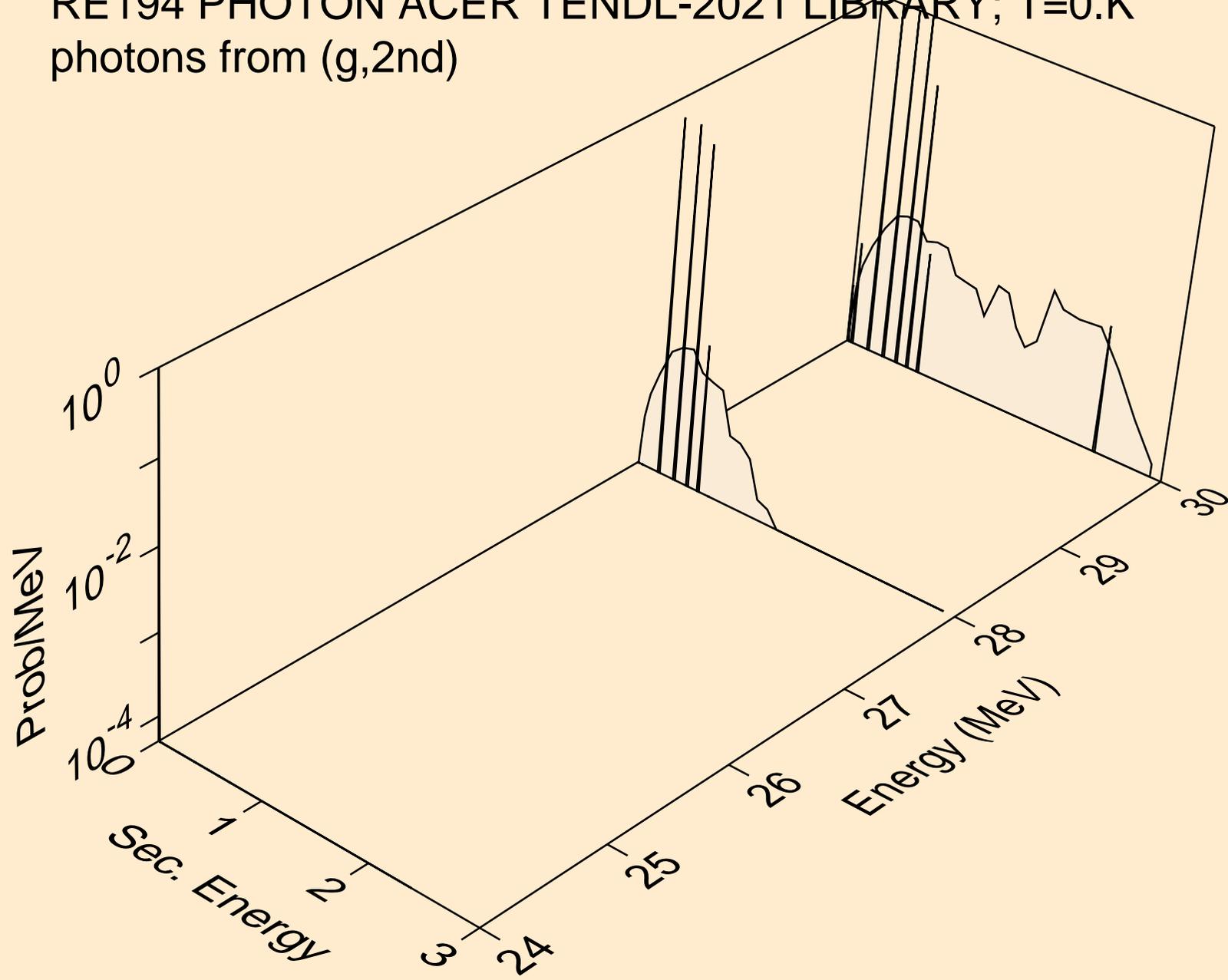angular distribution for (g,n*1) neutron

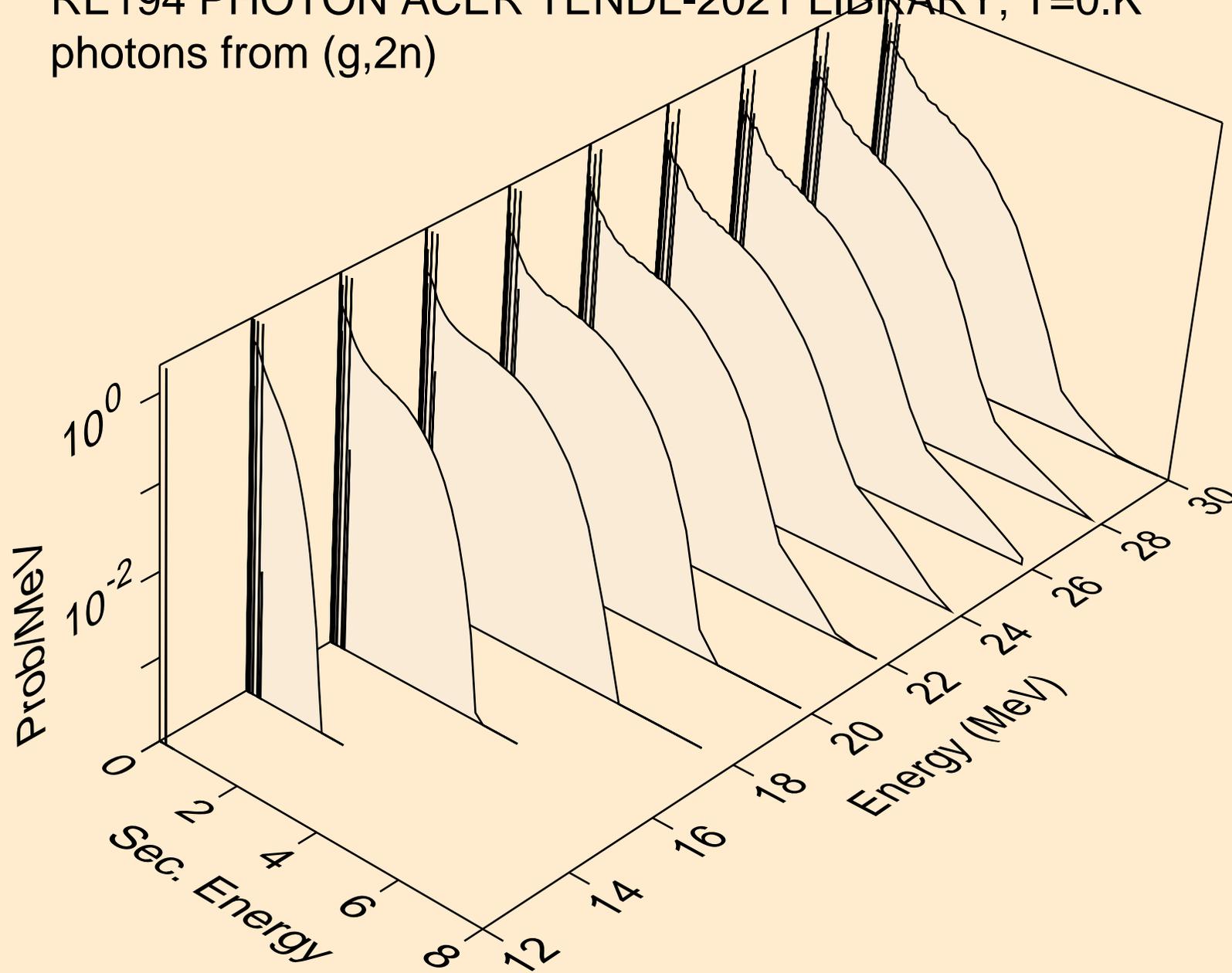RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (g,n*c)

RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
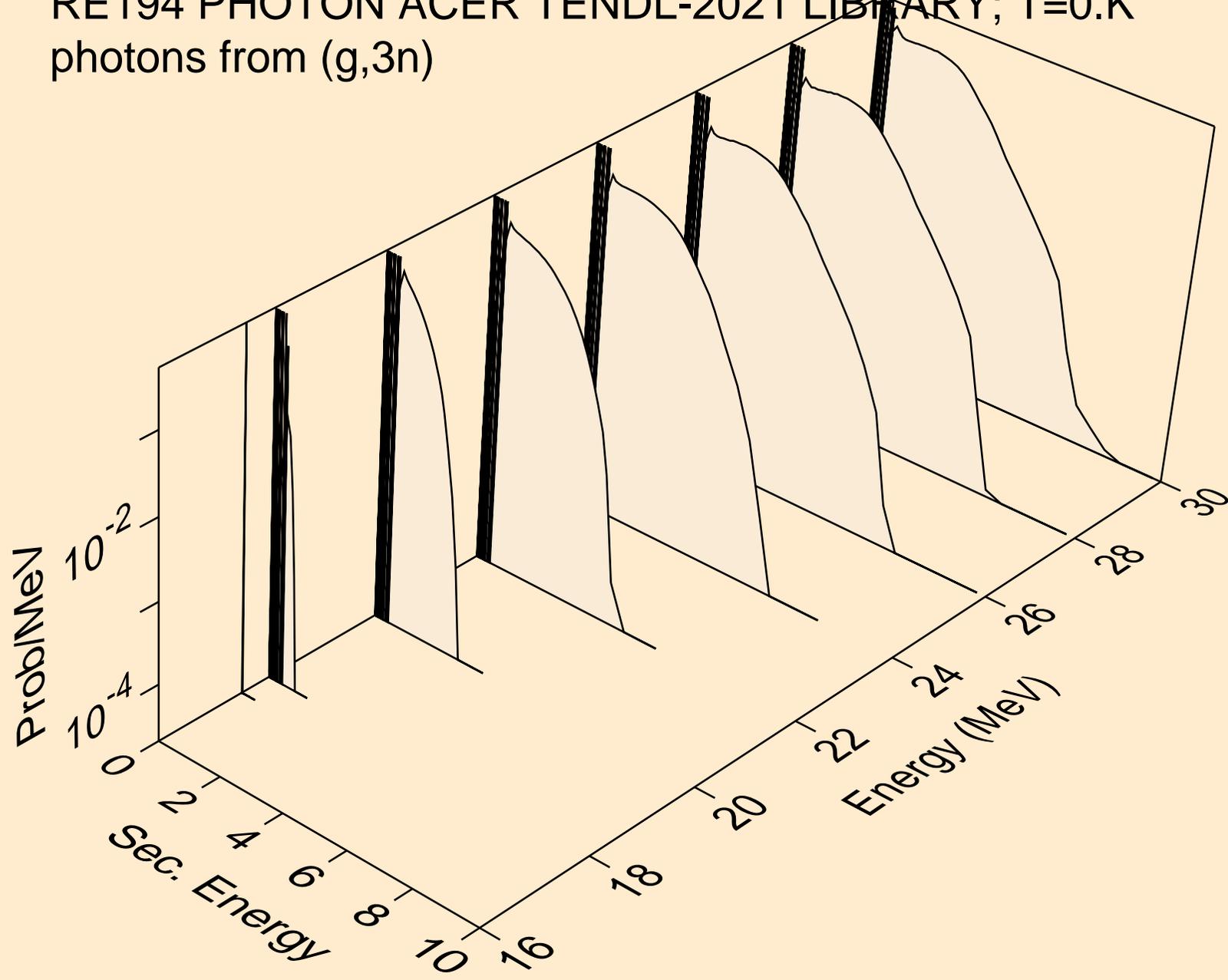photons from (g,x)

RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
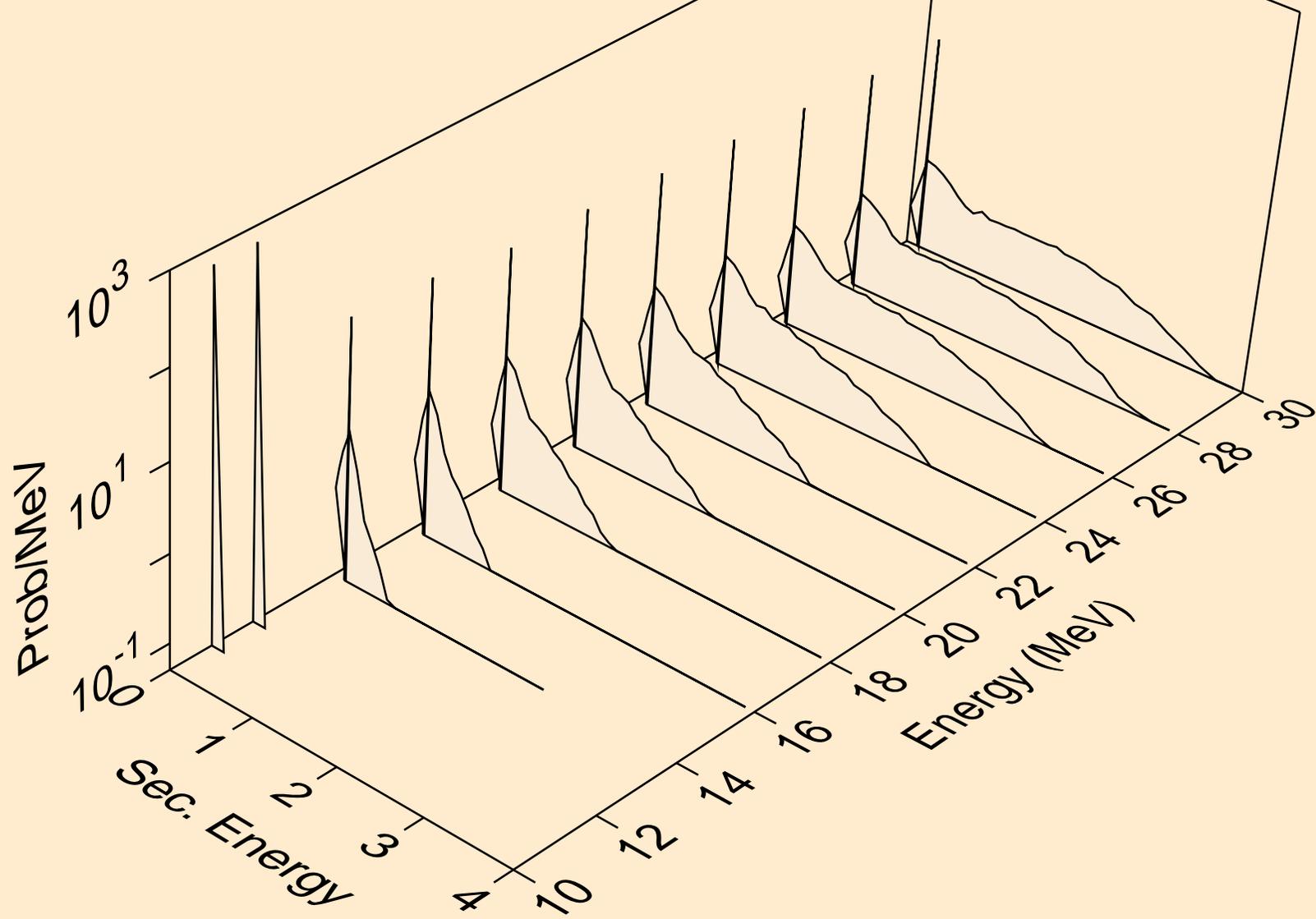photons from (g,2nd)

RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
photons from (g,2n)

Prob/MeV

10^0

10^{-2}

Sec. Energy

Energy (MeV)

RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
photons from (g,3n)

RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
photons from (g,n*)a

RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
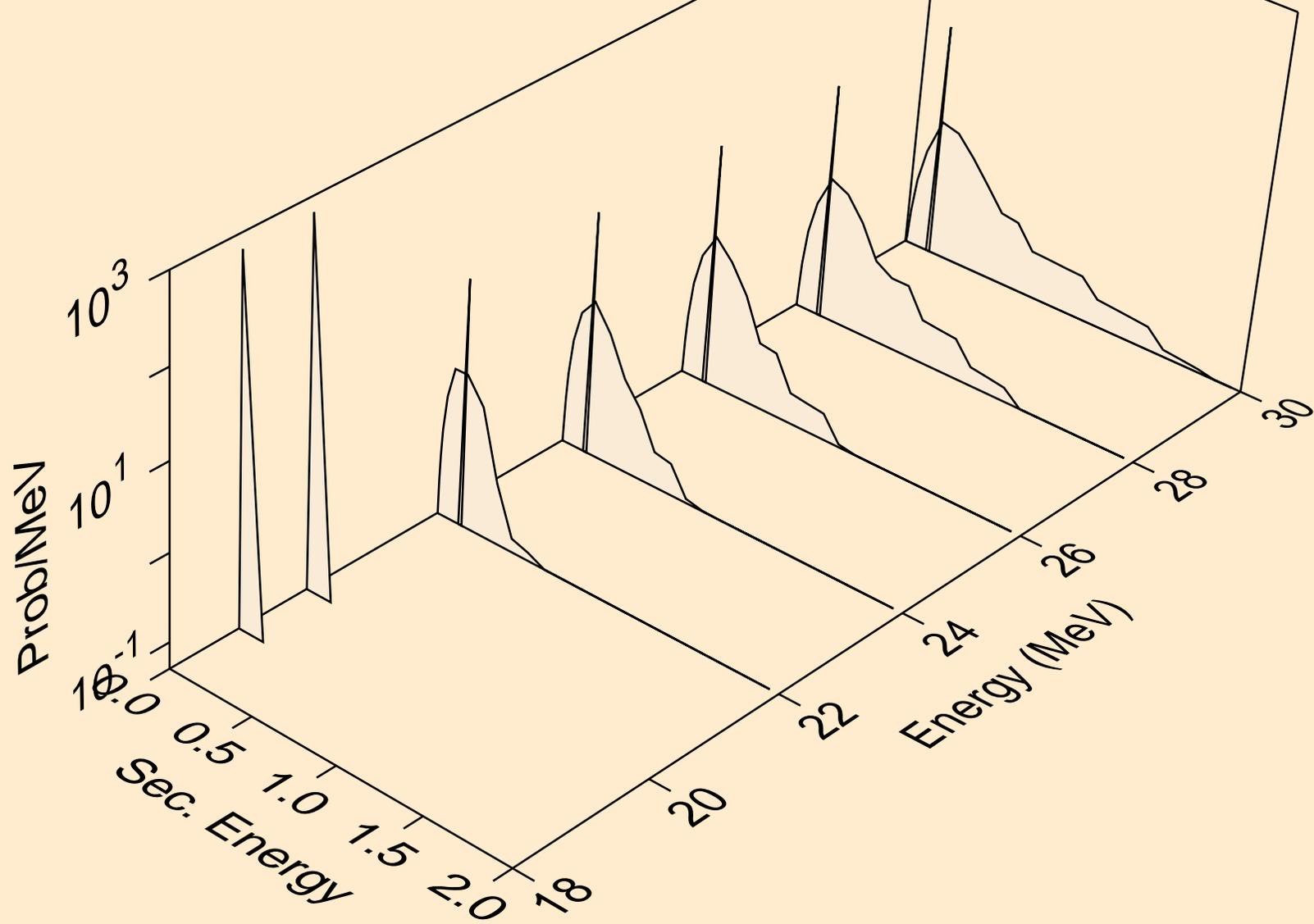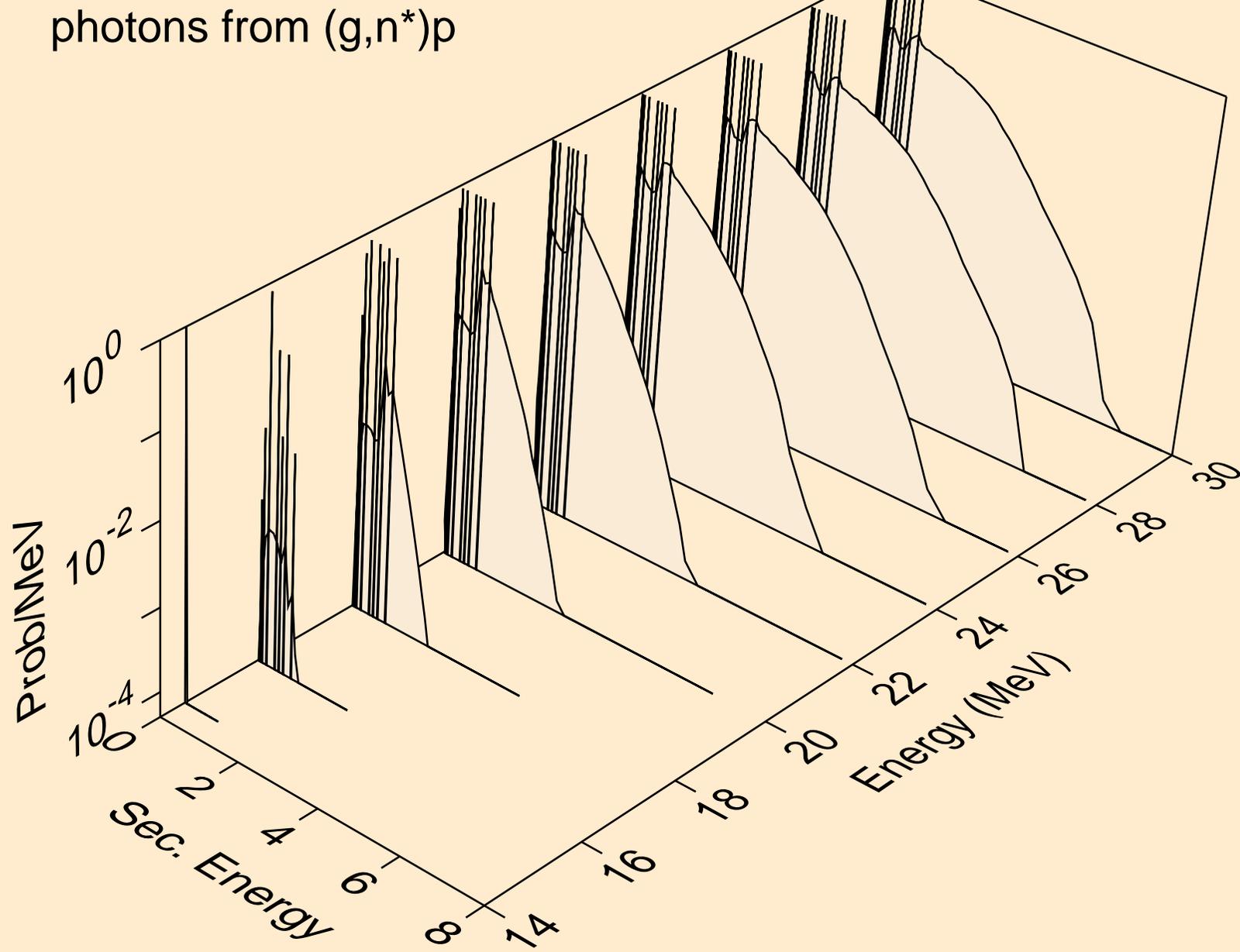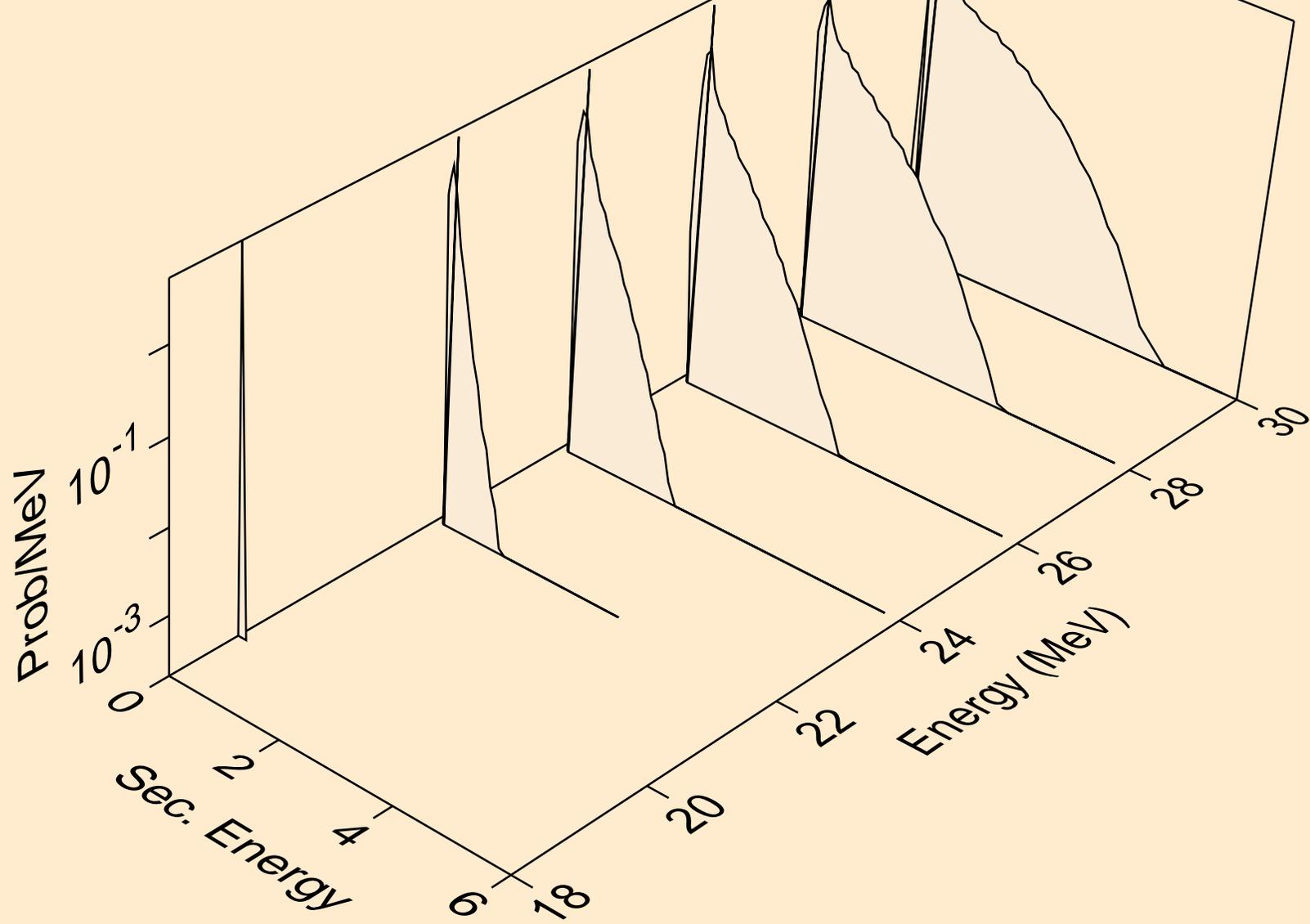photons from (g,2n)a

RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
photons from (g,n*)p

RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
photons from (g,n*)d

RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
photons from (g,n*)t

Prob/MeV

10^0

10^{-2}

10^{-4}

Sec. Energy

2

4

6

8

Energy (MeV)

18

20

22

24

26

28

30

RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
photons from (g,4n)

Prob/MeV

10^0

10^{-2}

Sec. Energy

Energy (MeV)

RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
photons from (g,2np)

Prob/MeV

10^0

10^{-2}

0

Sec. Energy

1

2

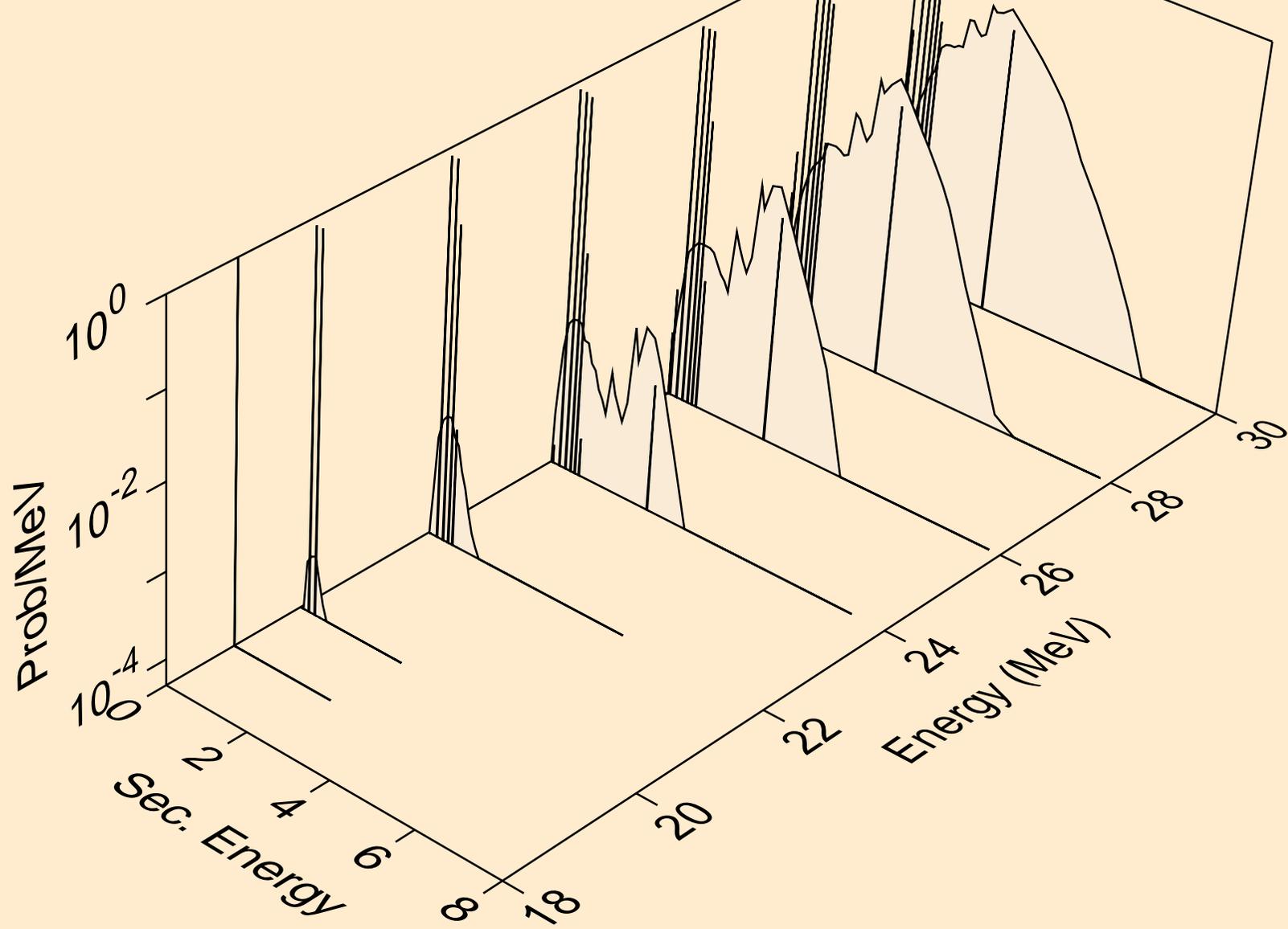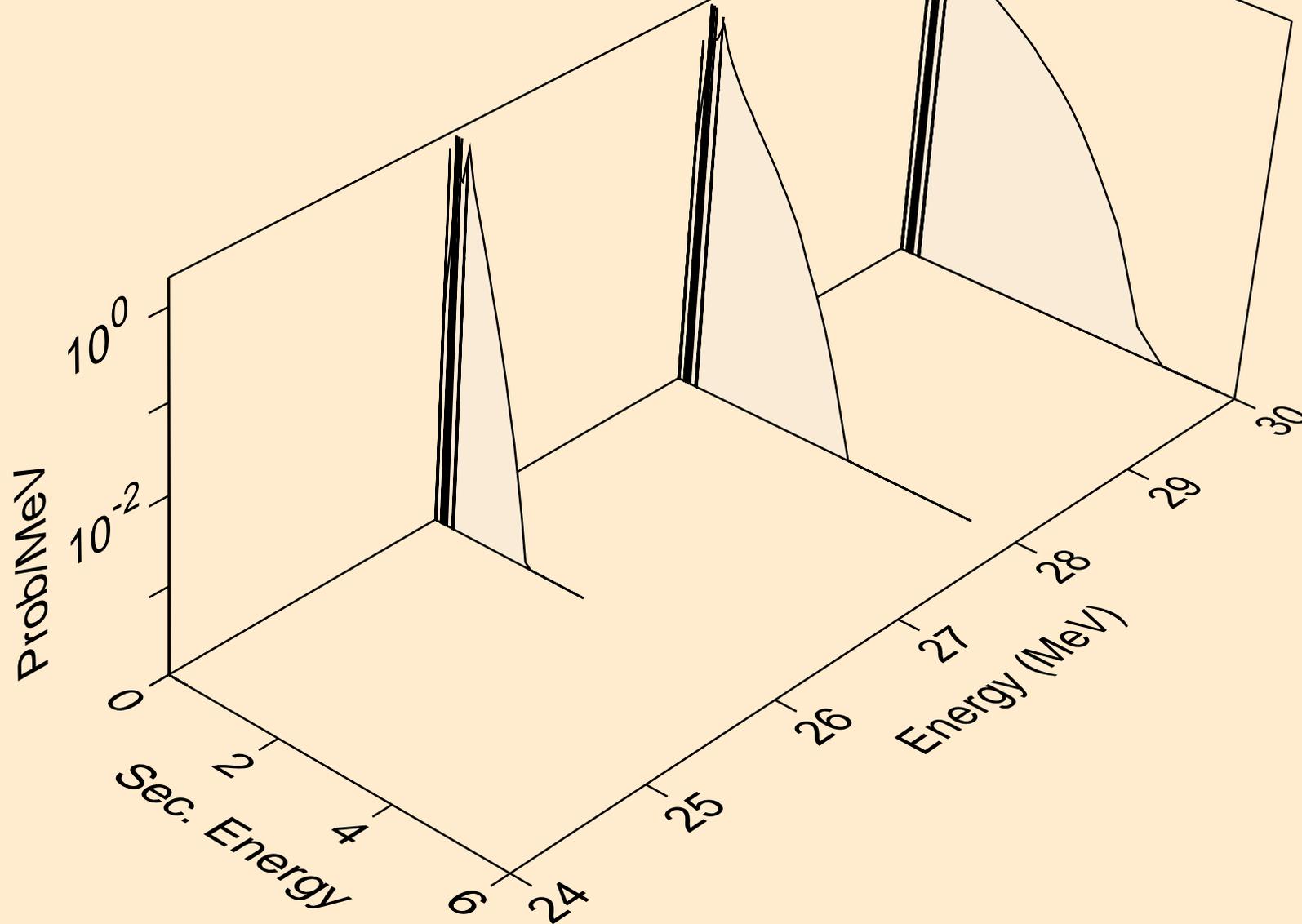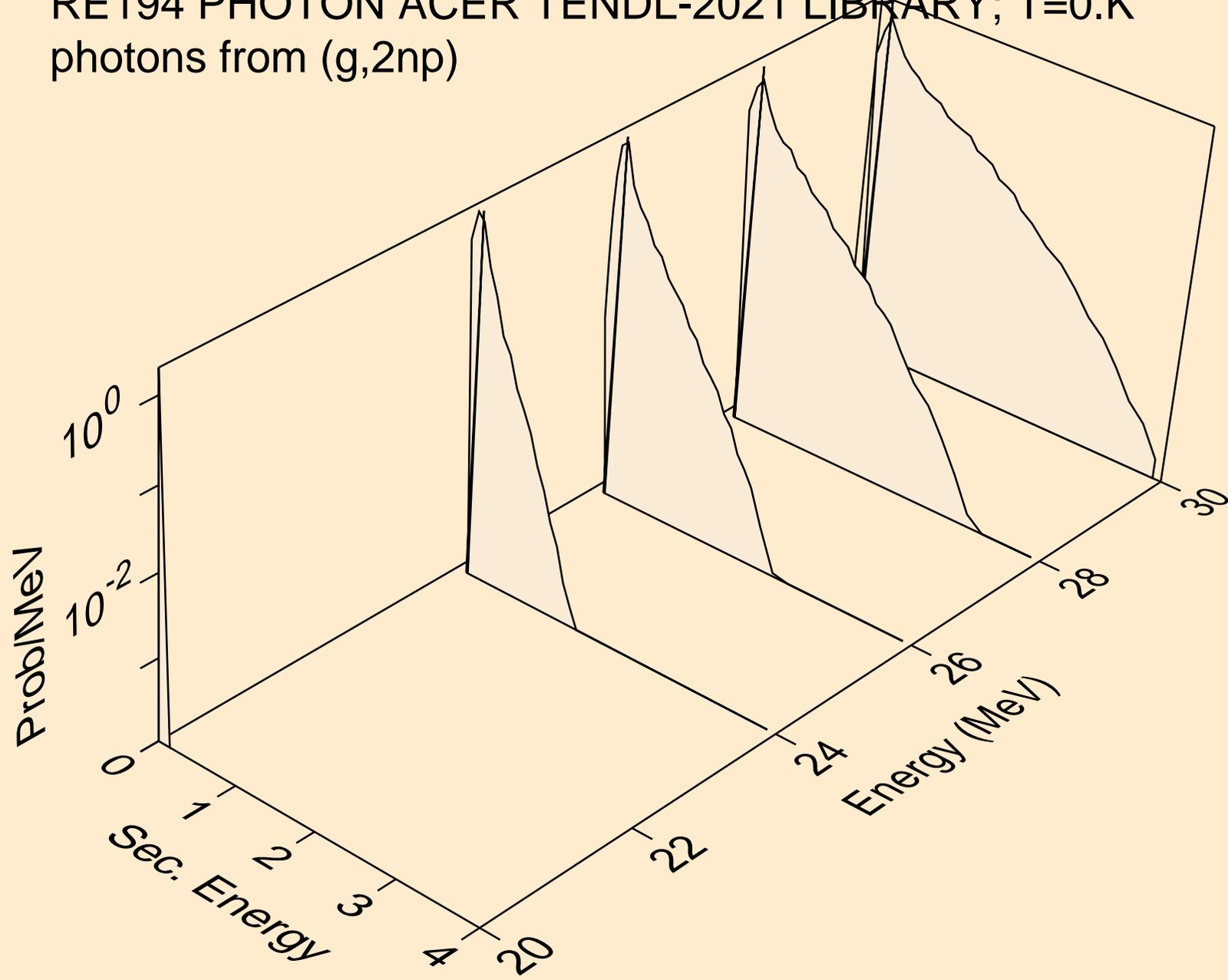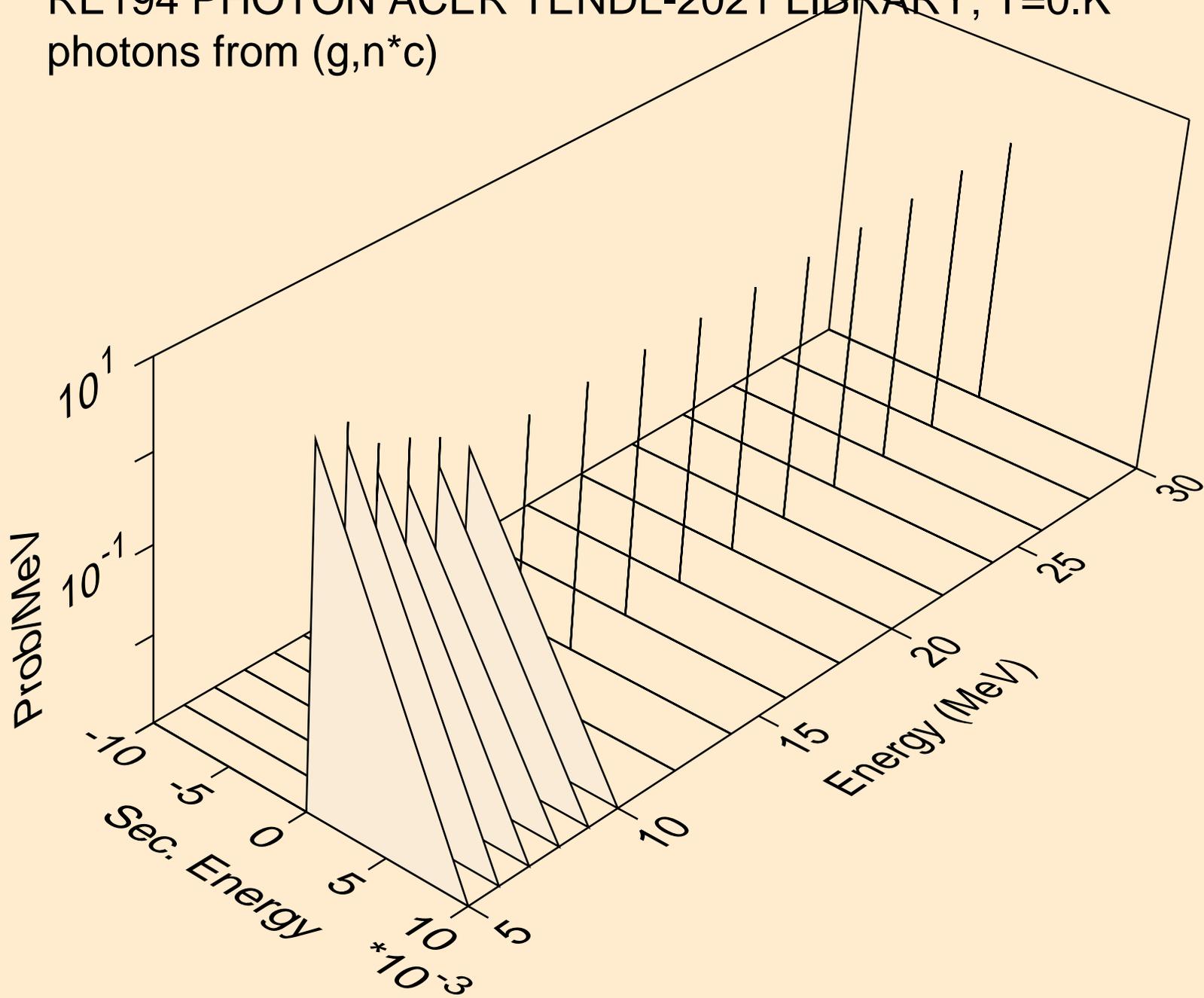3

4

Energy (MeV)

20

22

24

26

28

30

RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
photons from (g,n*c)

RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
photons from (g,gma)

RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
photons from (g,p)
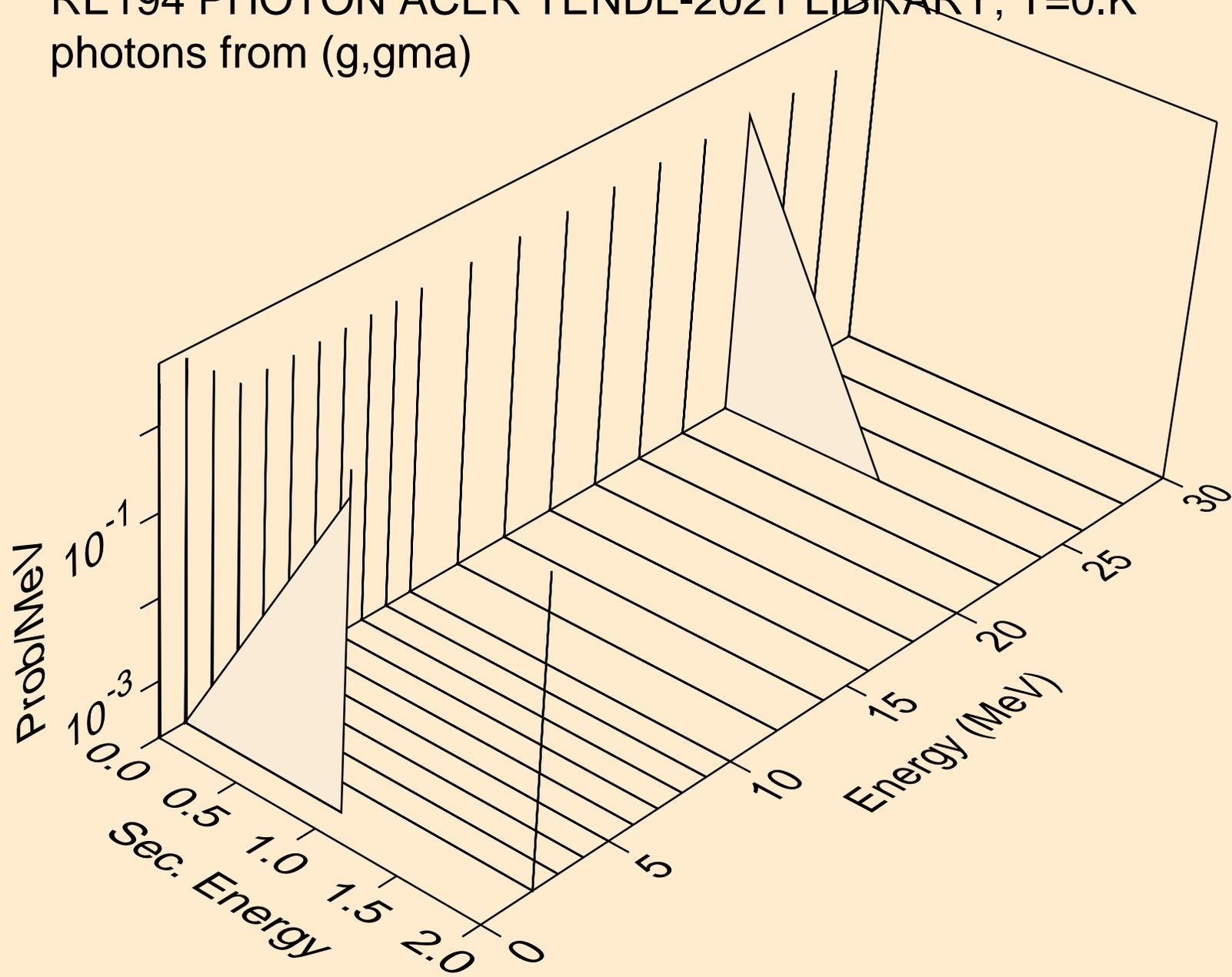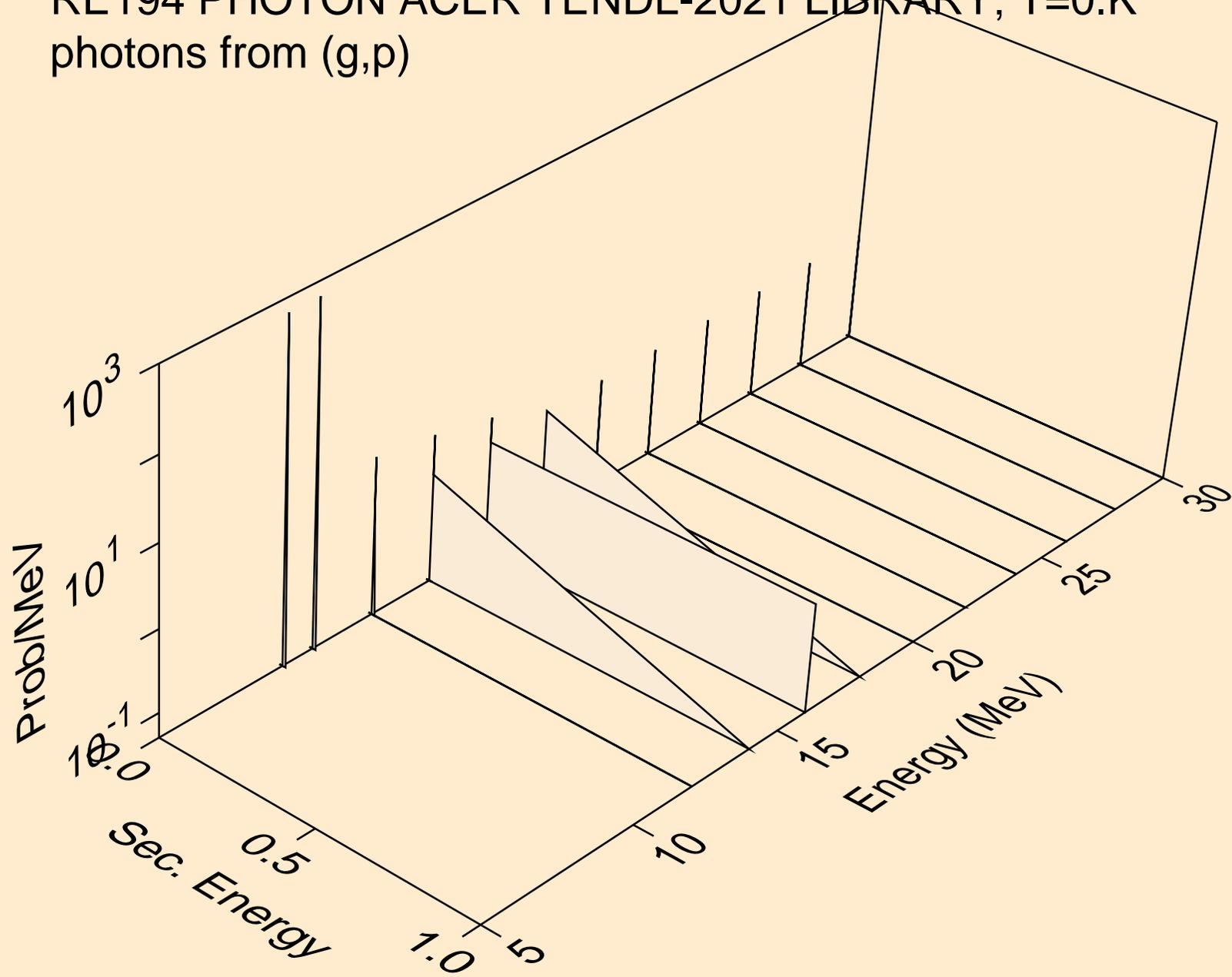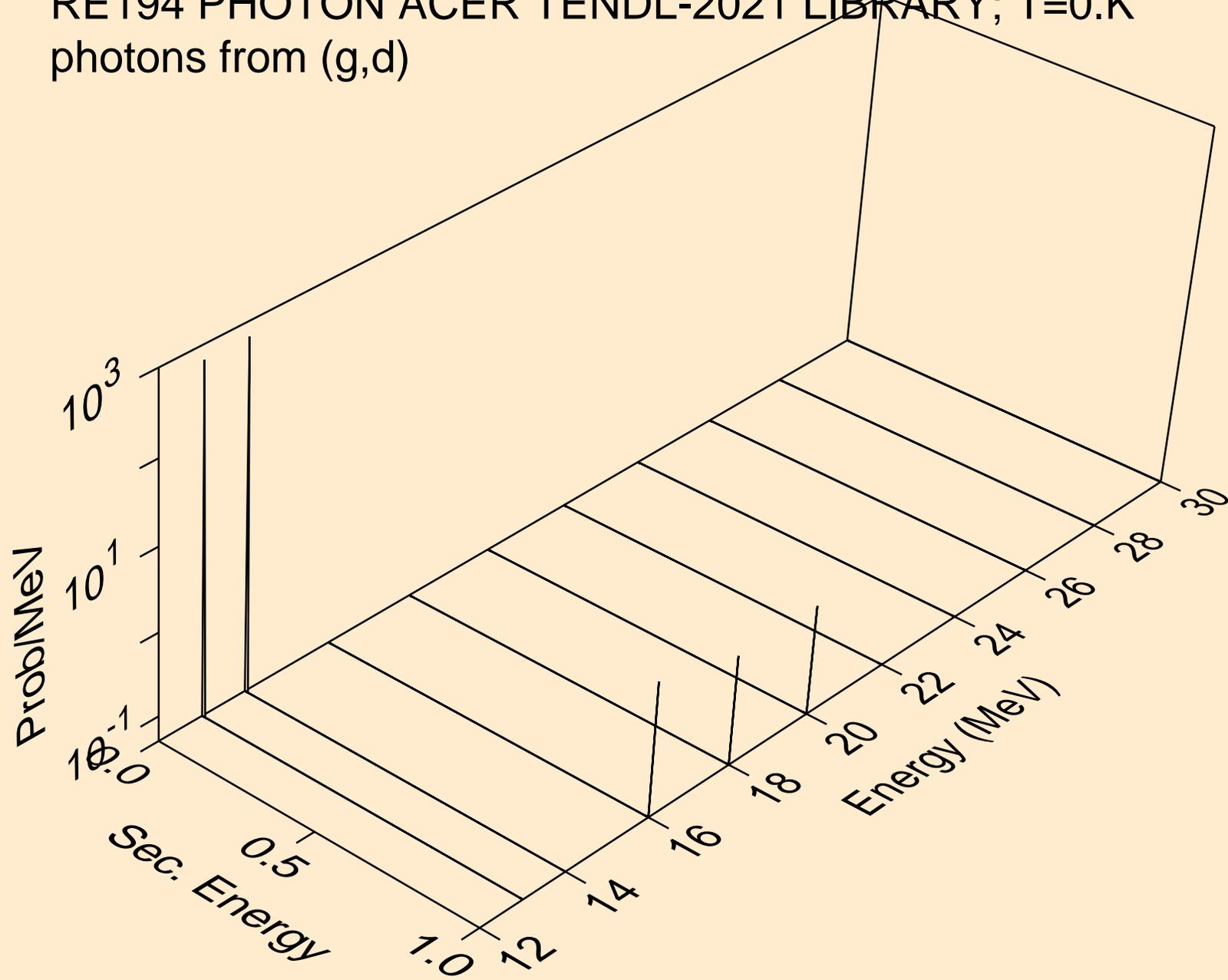
RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
photons from (g,d)

RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
photons from (g,t)

RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
protons from (g,x)

Prob/MeV

10^{-3}

10^{-5}

0

Sec. Energy

50   100   150   200

20   40   60   80   100   120   140   160   180   200

Energy (MeV)

RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
protons from (g,n*)p

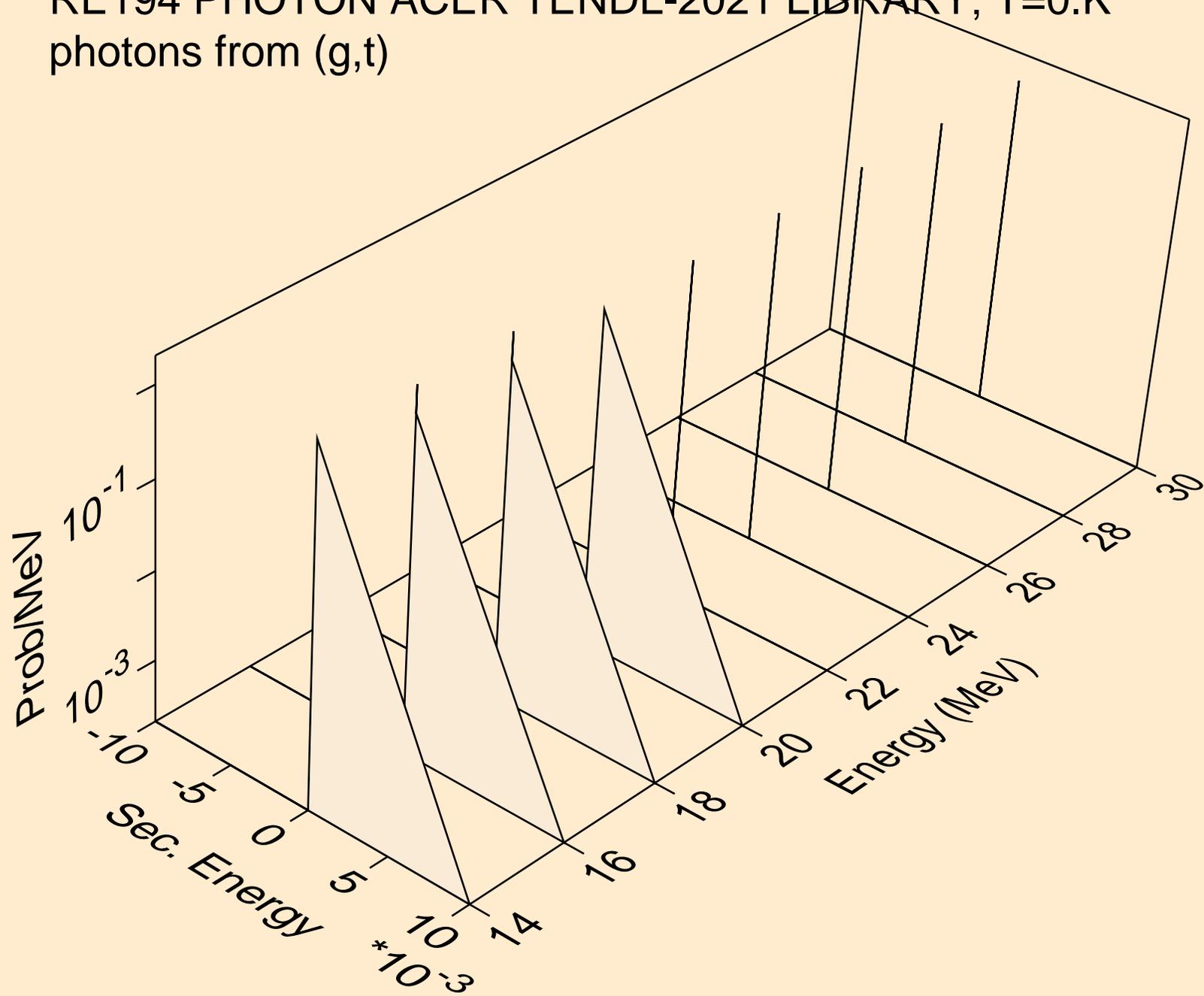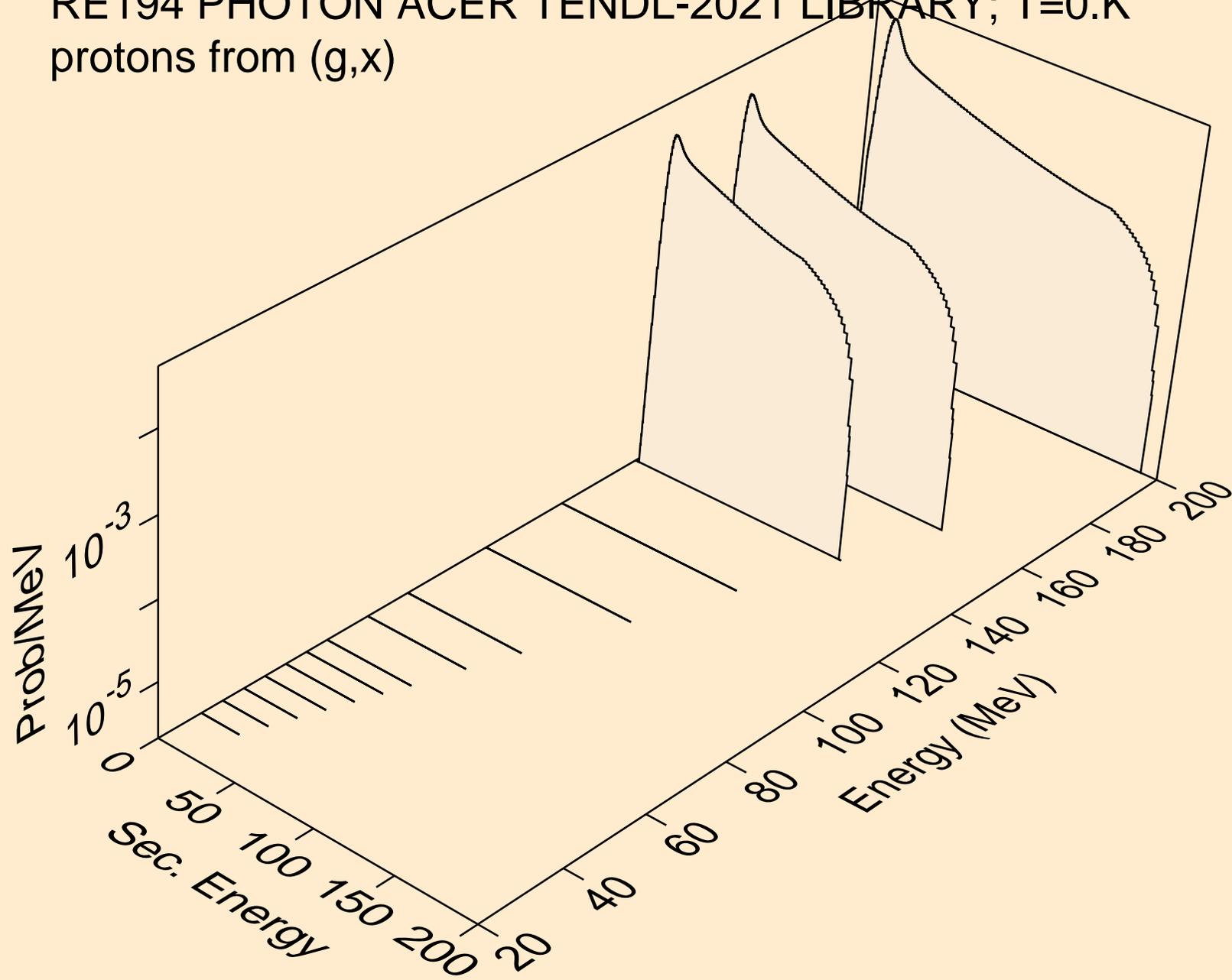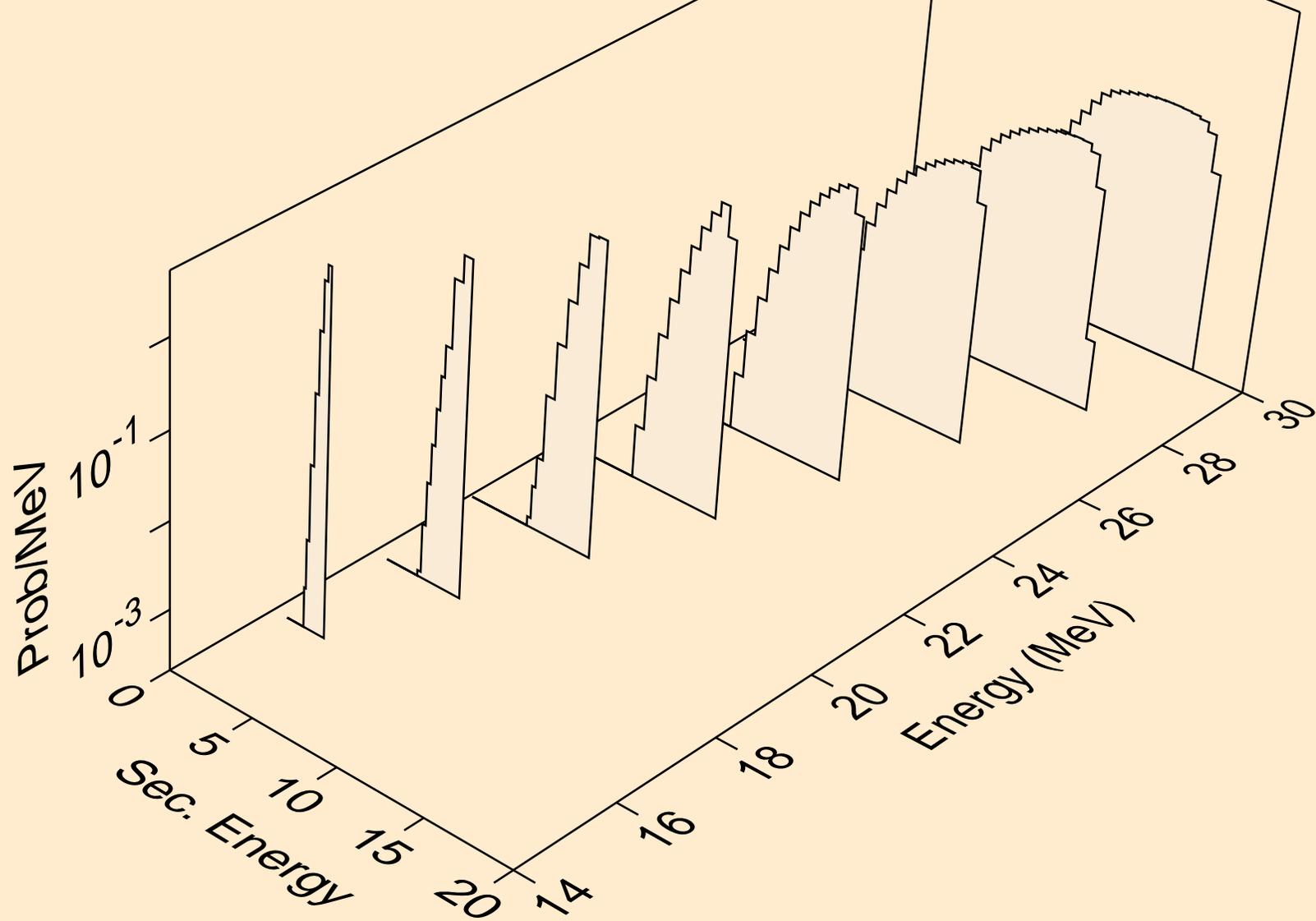RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
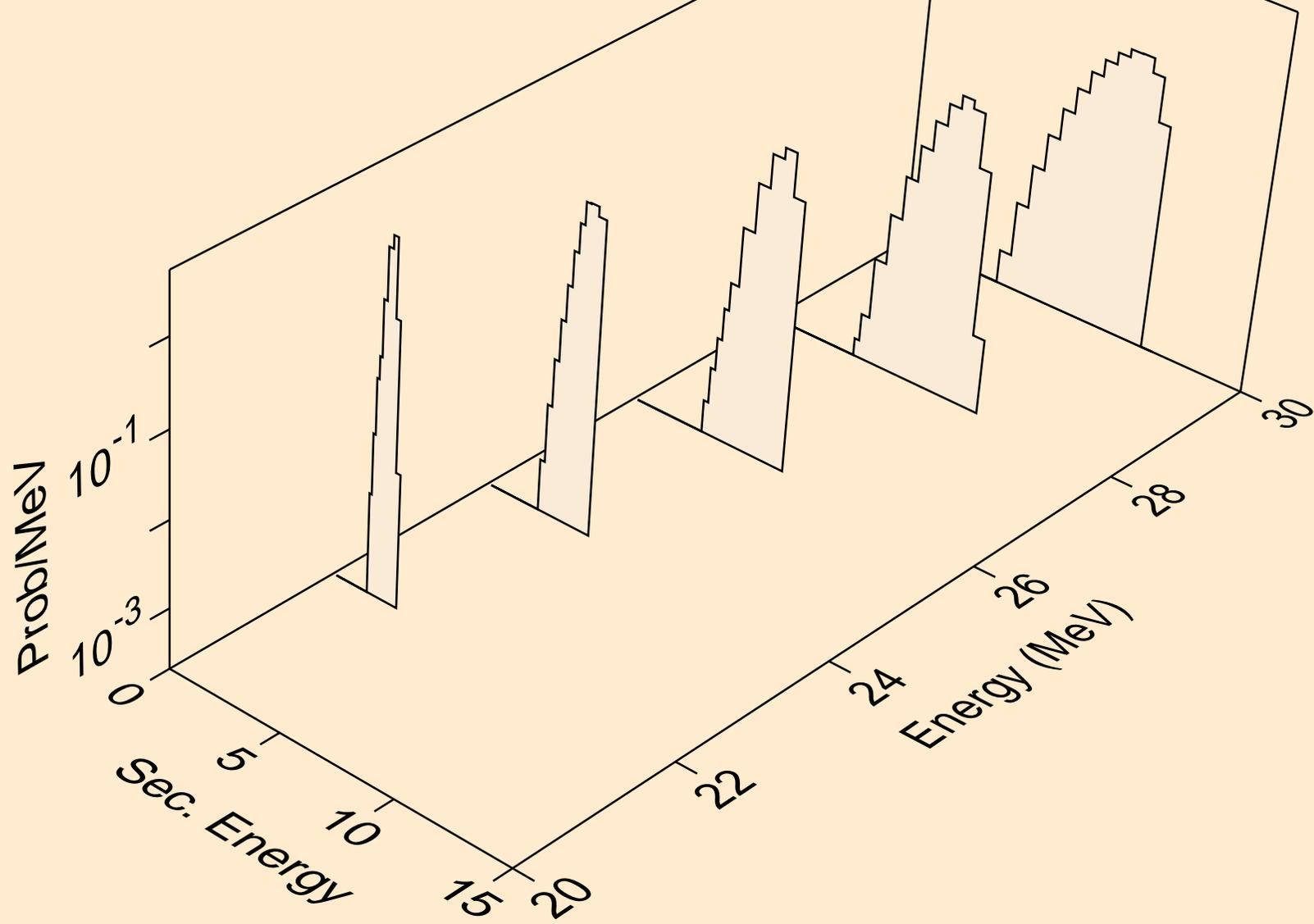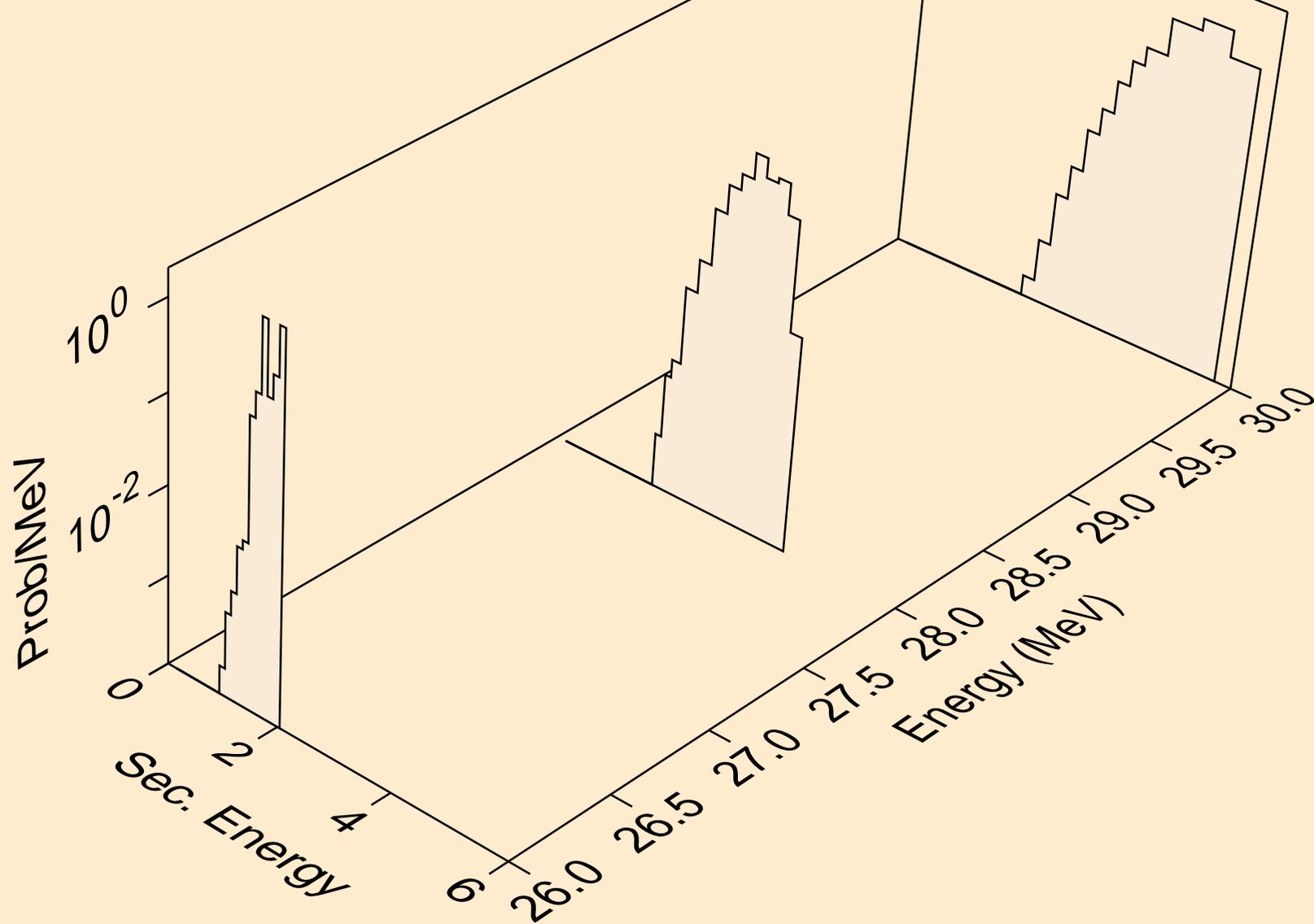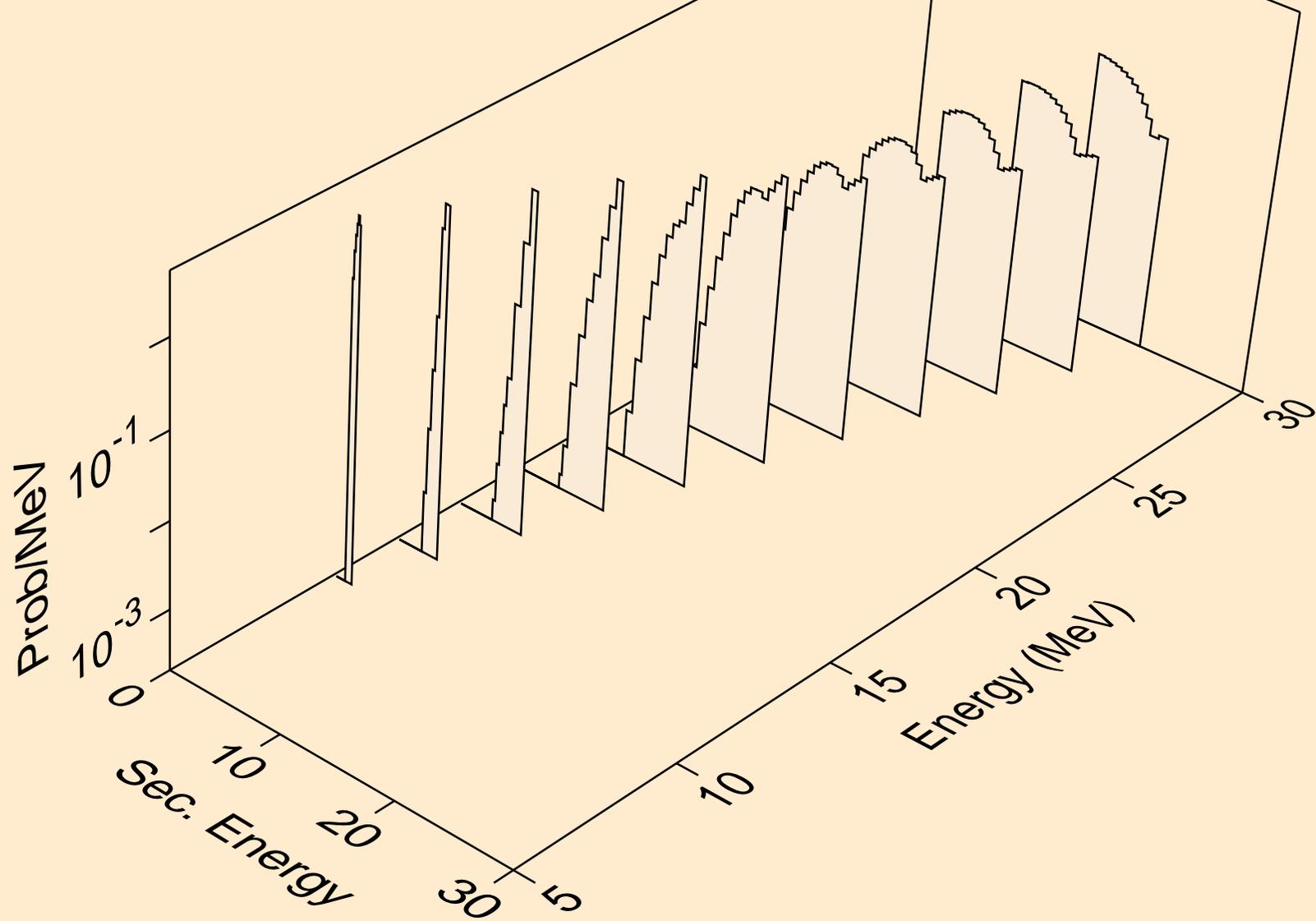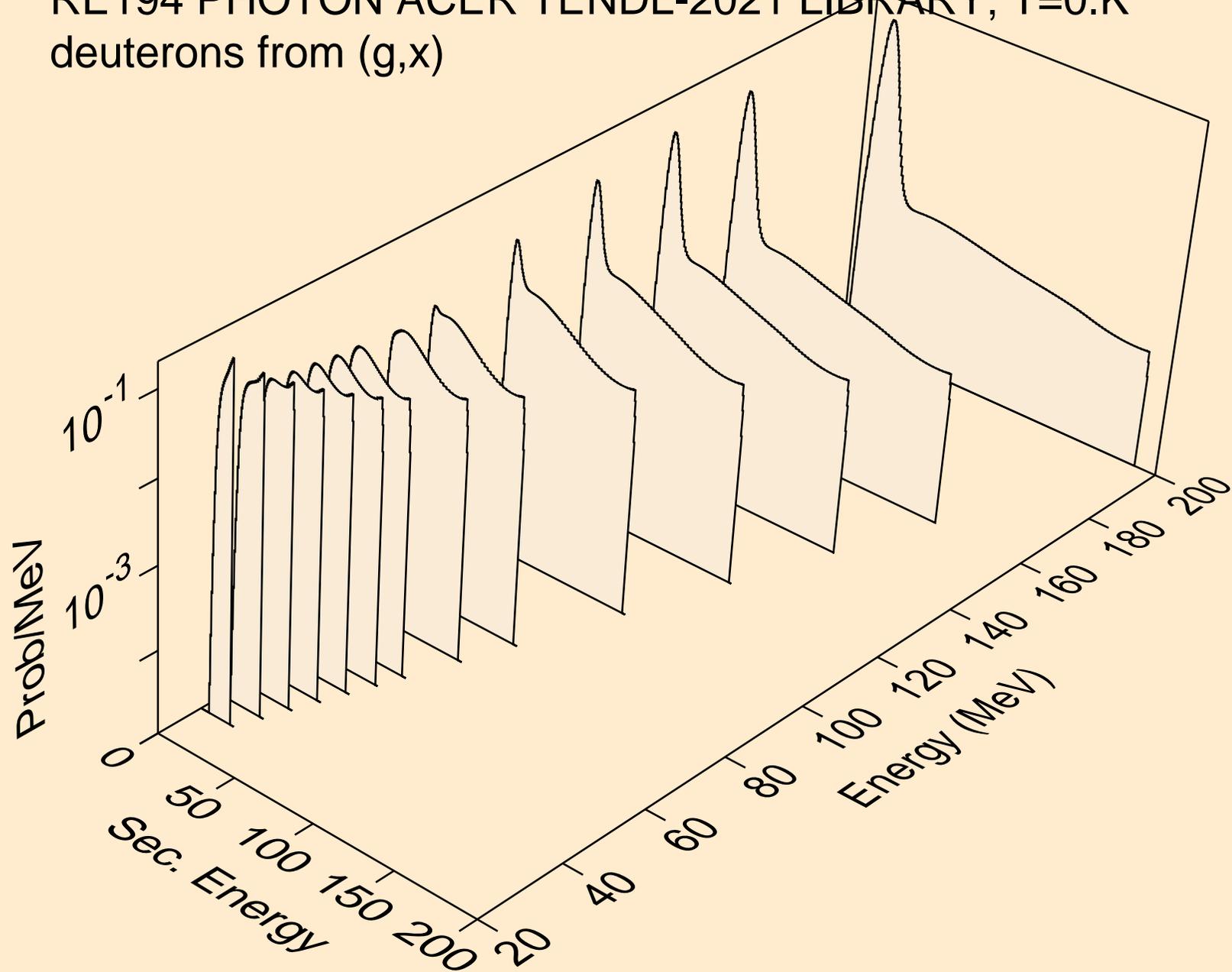protons from (g,2np)

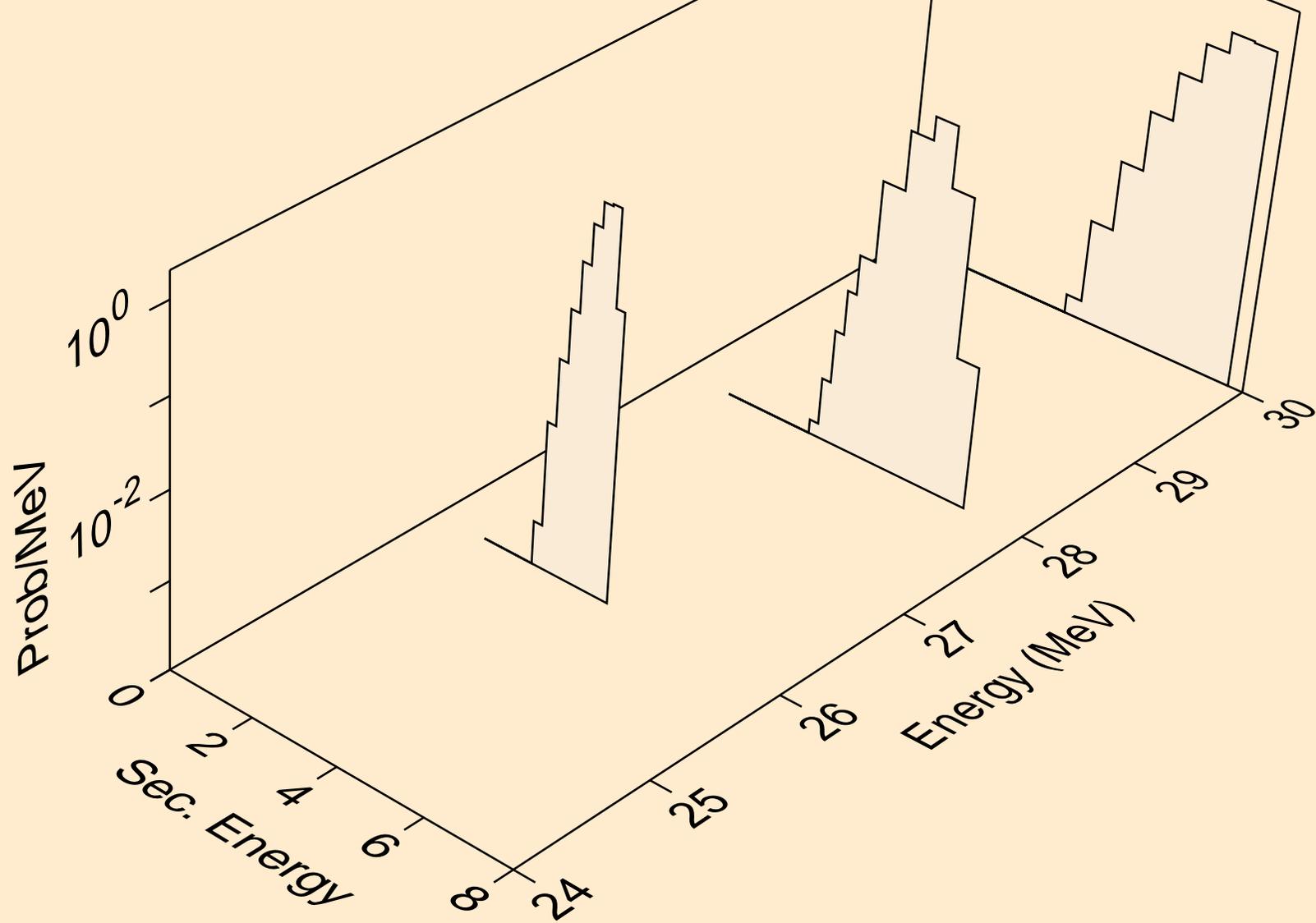RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
protons from (g,3np)

RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
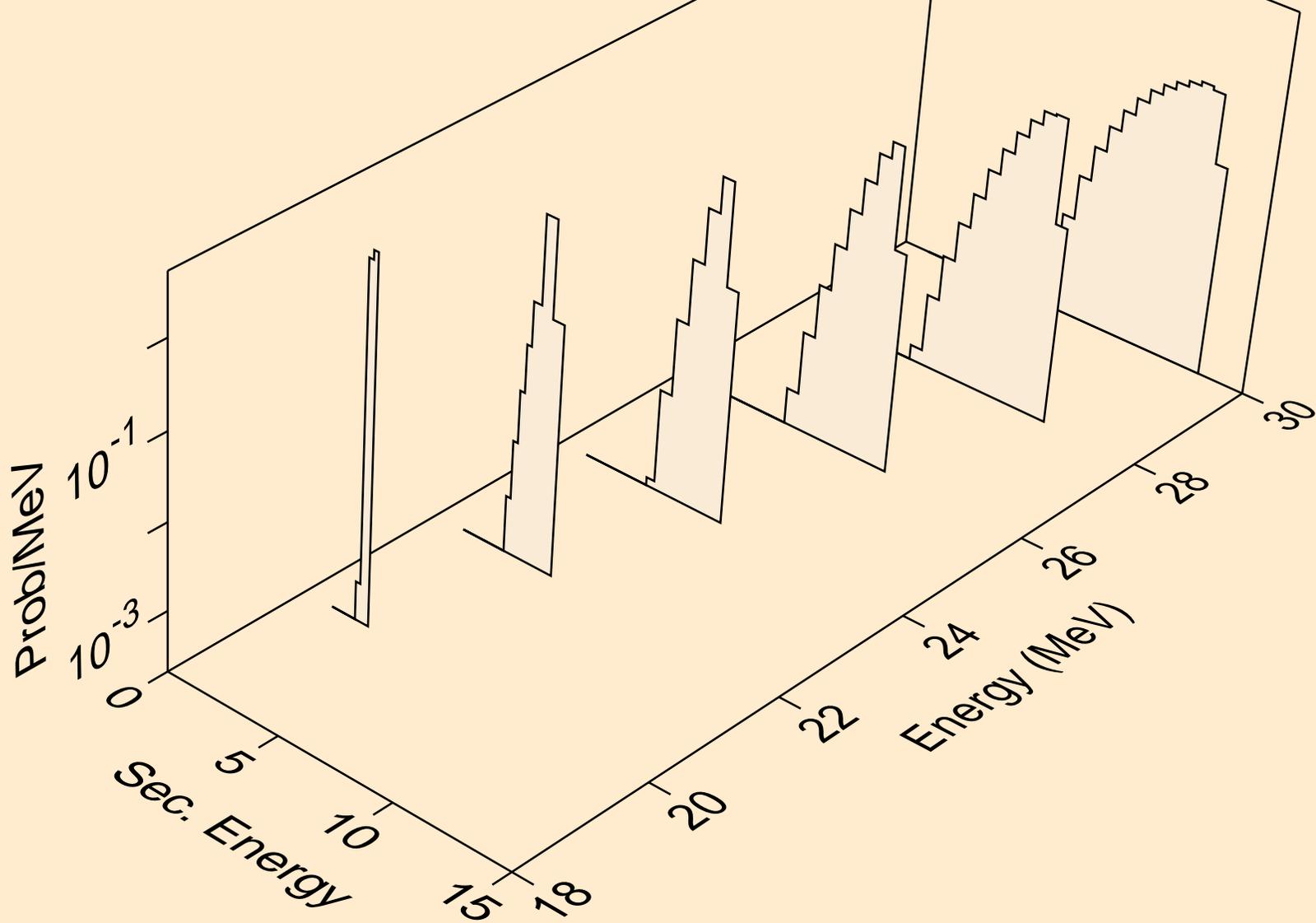protons from (g,p)

RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (g,x)

RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (g,2nd)

RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (g,n*)d

Prob/MeV

10^{-1}

10^{-3}

0

Sec. Energy

5

10

15

18

20

22

24

26

28

30

Energy (MeV)

RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (g,d)
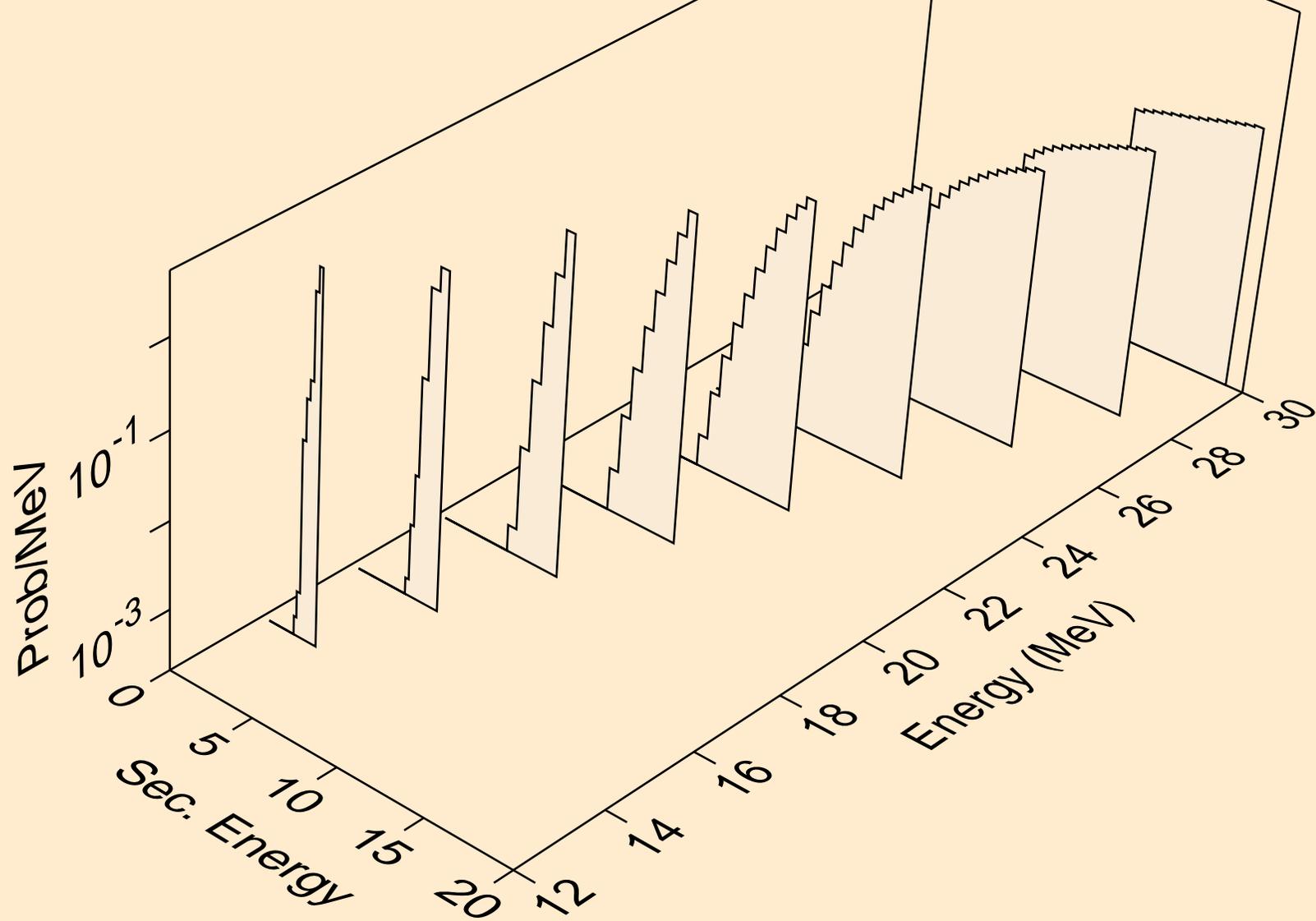
Prob/MeV

10^{-1}

10^{-3}

Sec. Energy

Energy (MeV)

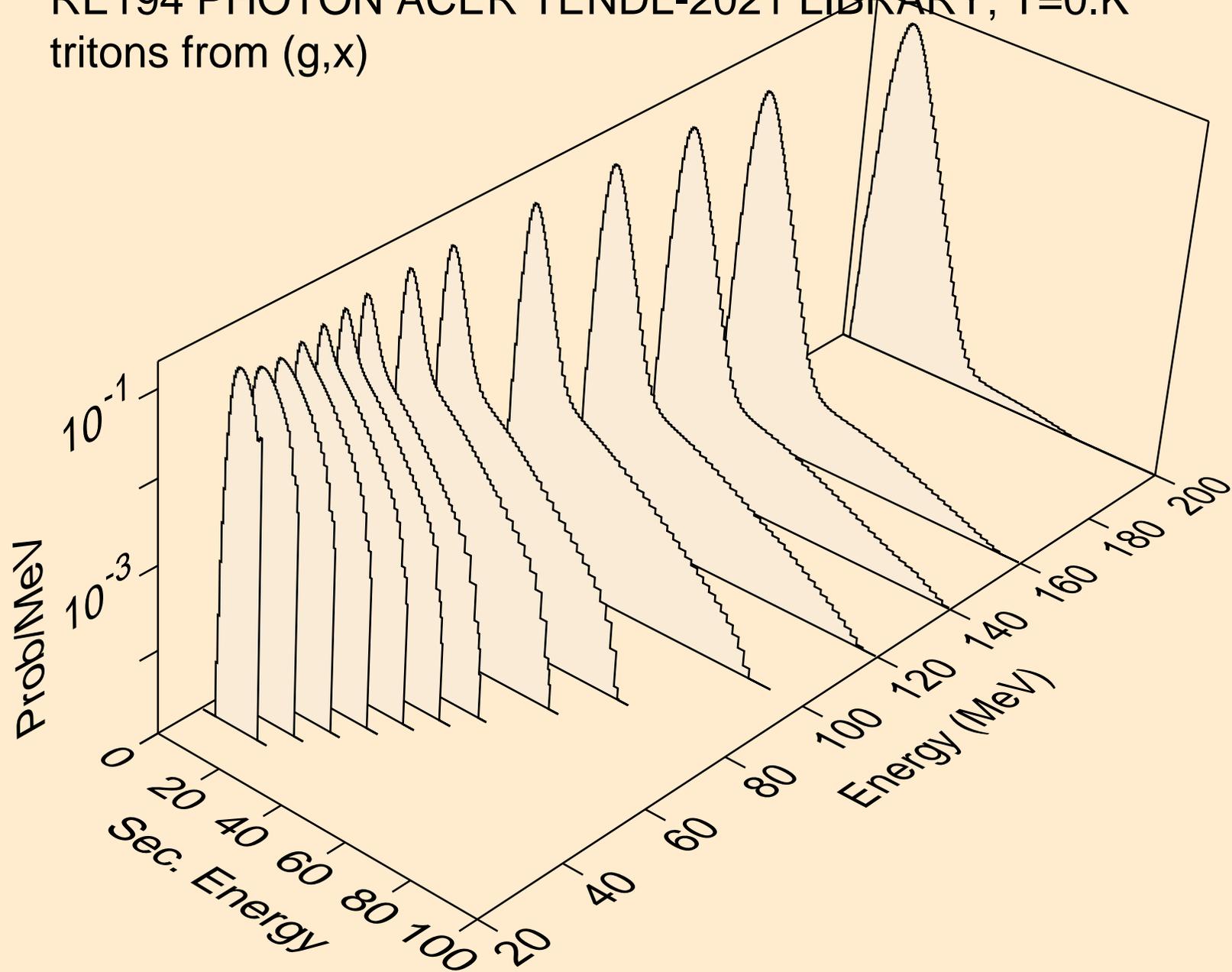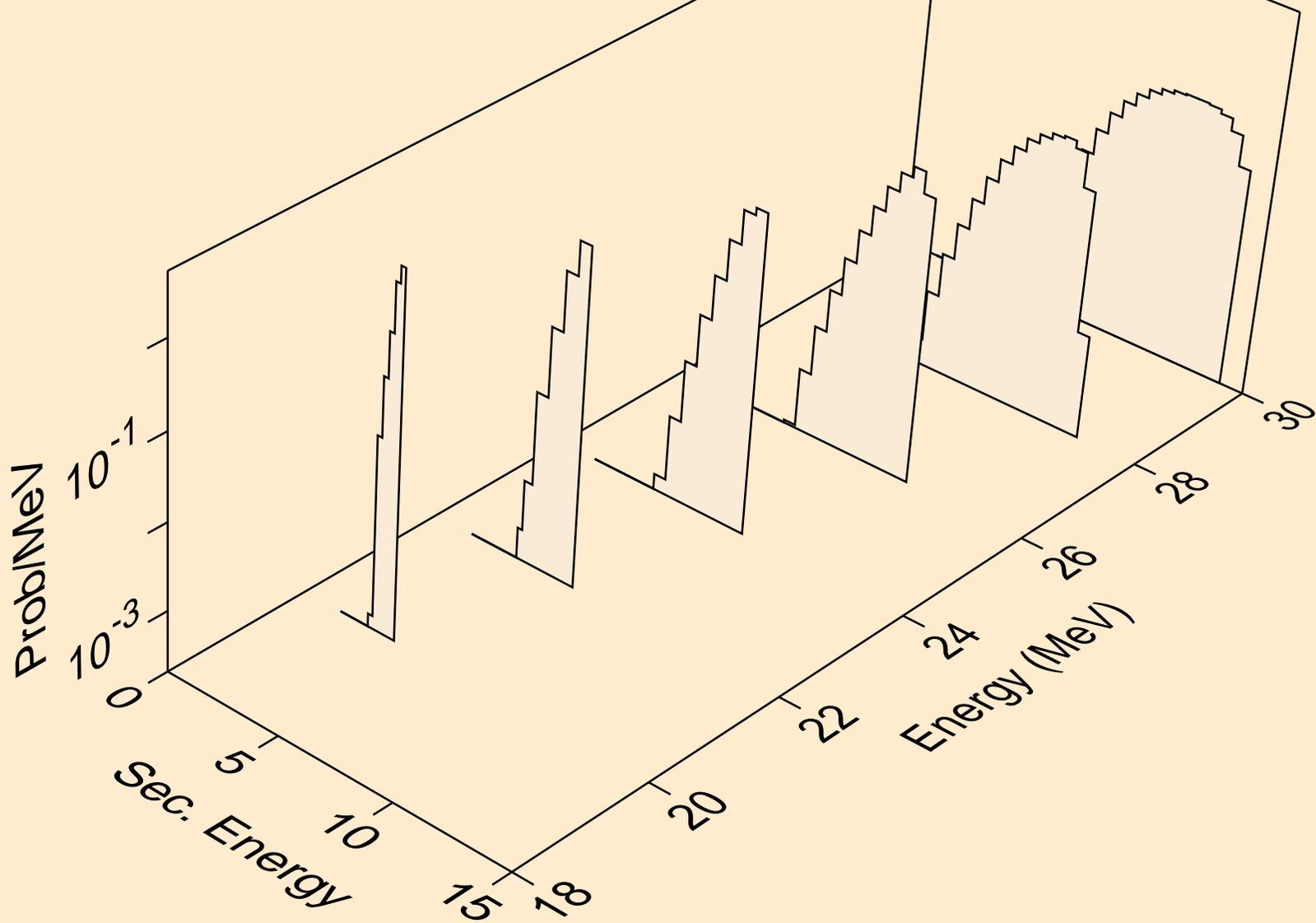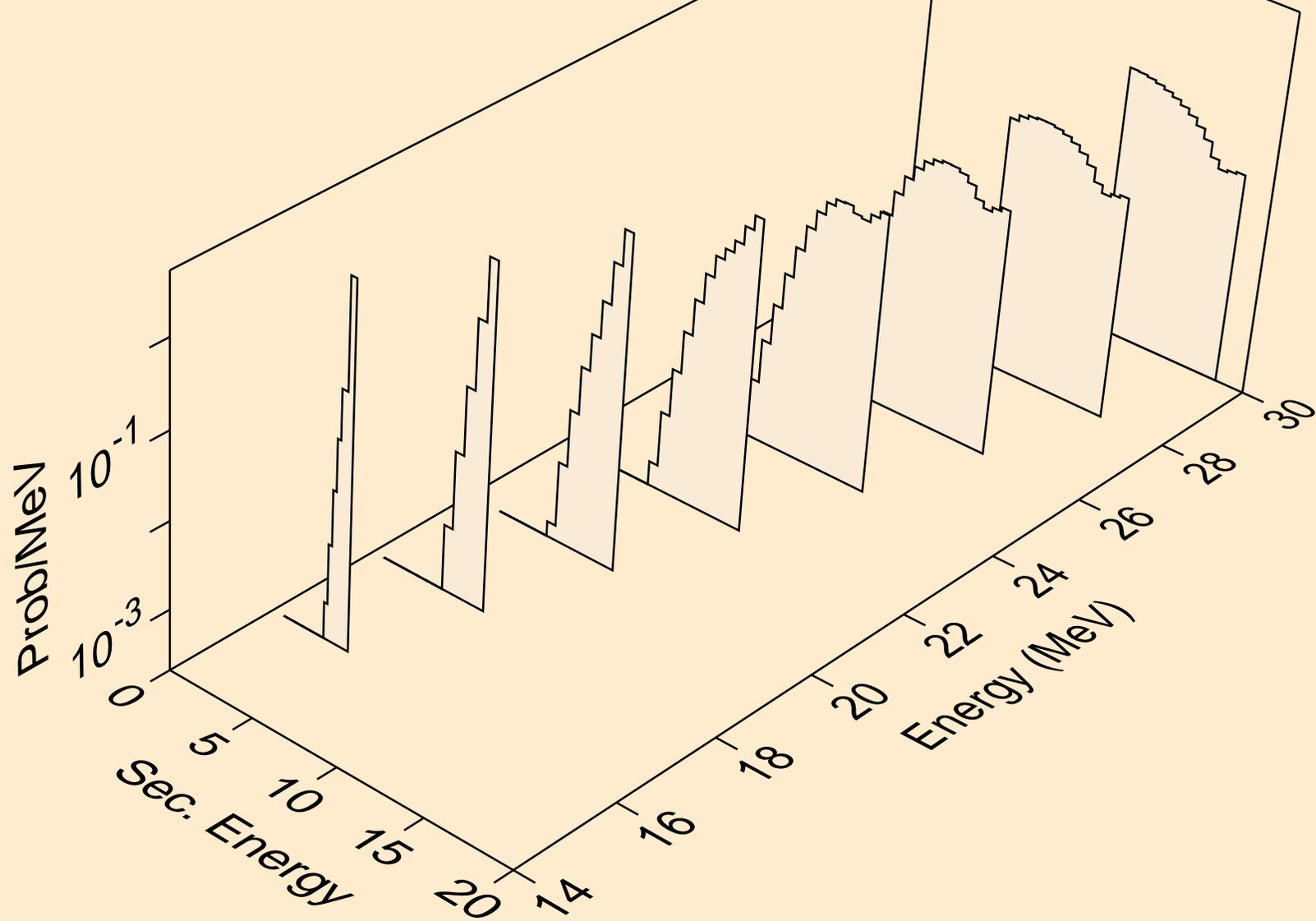RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
tritons from (g,x)
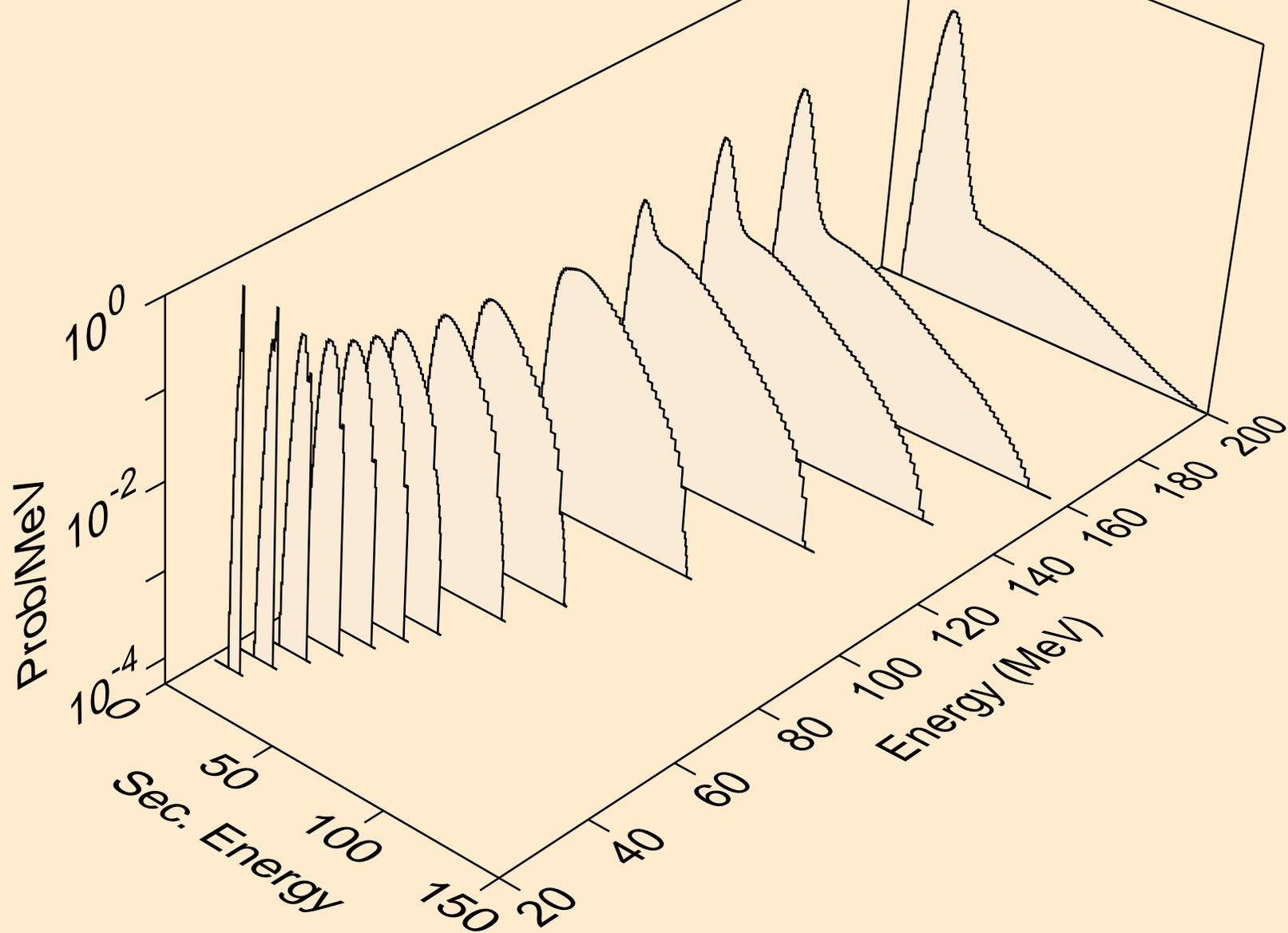
RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
tritons from (g,n*)t

RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
tritons from (g,t)
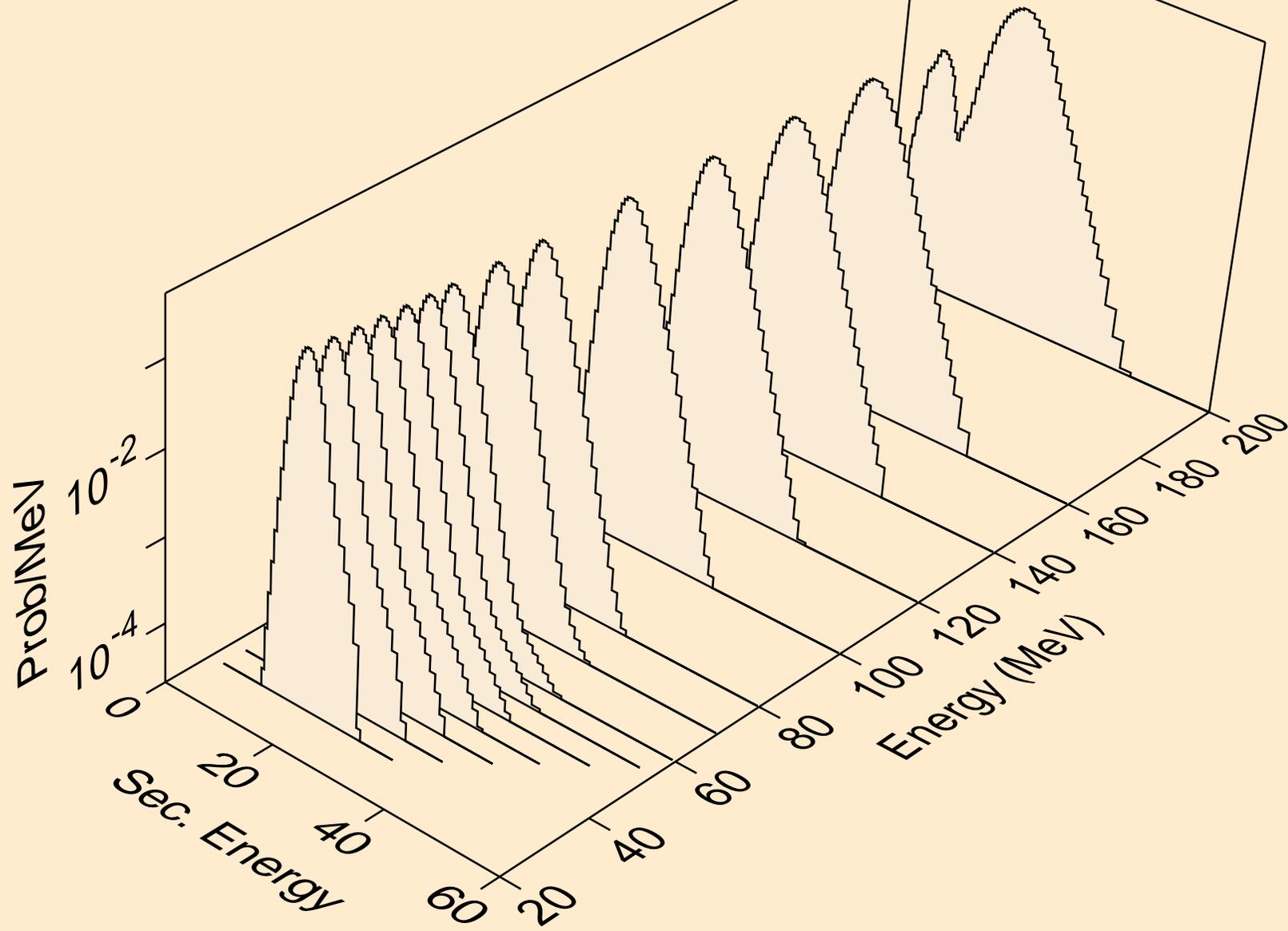
Prob/MeV

10^{-1}

10^{-3}

Sec. Energy

Energy (MeV)

RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
he3s from (g,x)

Prob/MeV

10^0

10^{-2}

10^{-4}

Sec. Energy

50

100

150

Energy (MeV)

20

40

60

80

100

120

140

160

180

200

RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
alphas from (g,x)

Prob/MeV

10^{-2}

10^{-4}

0

Sec. Energy

20

40

60

Energy (MeV)

20

40

60

80

100

120

140

160

180

200

RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
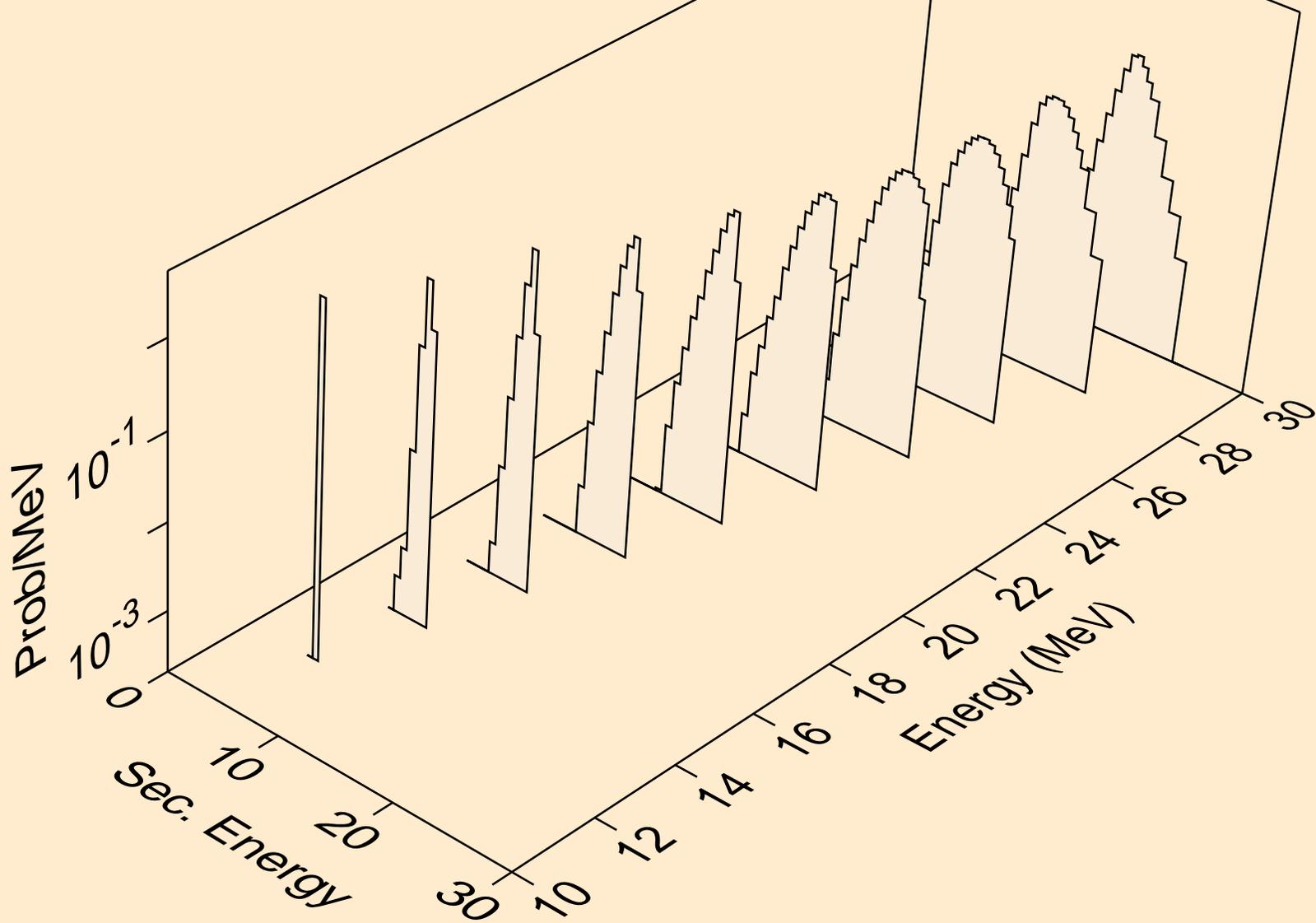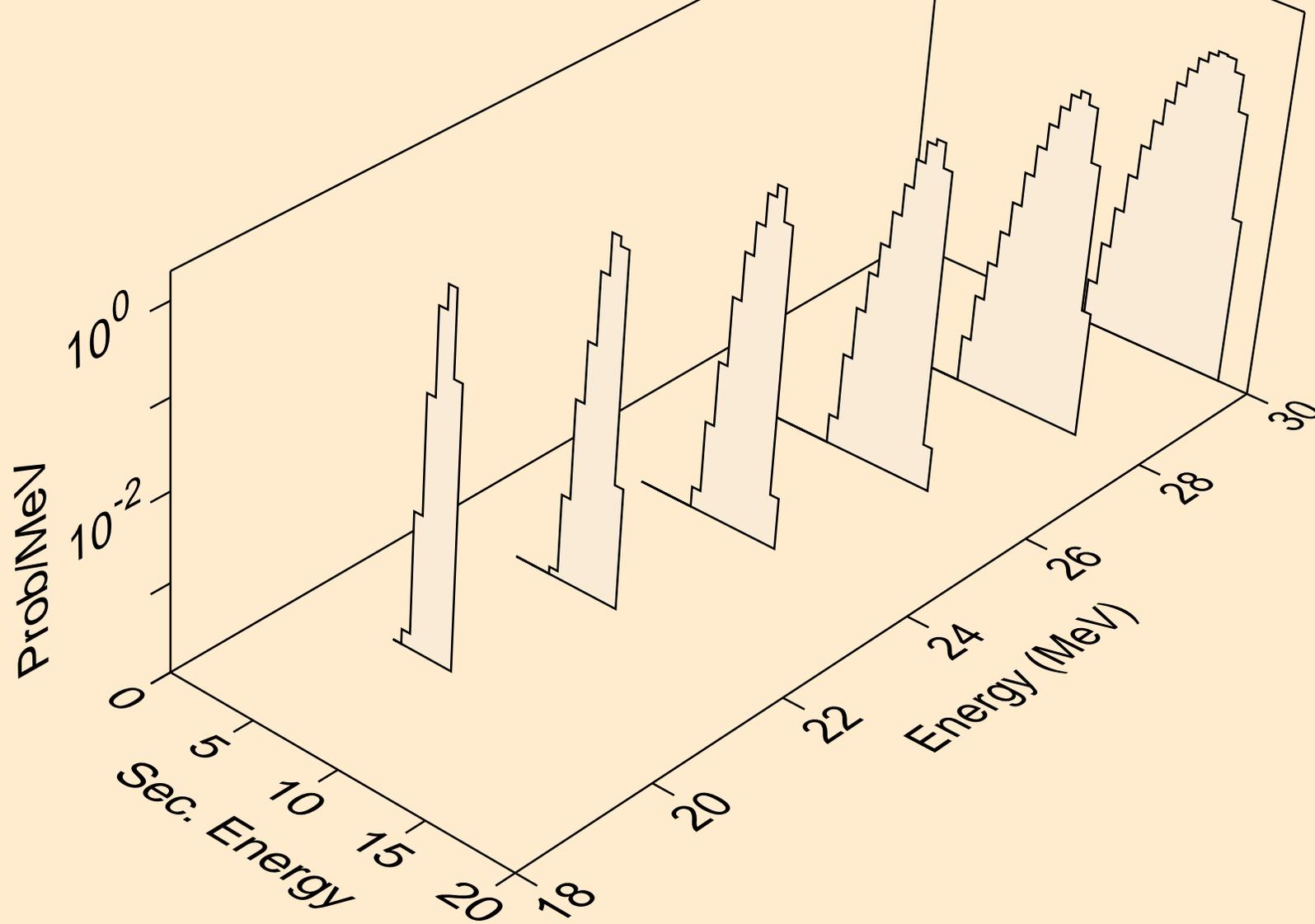alphas from (g,n*)a

Prob/MeV

10^{-1}

10^{-3}

Sec. Energy

Energy (MeV)

RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
alphas from (g,2n)a

RE194 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
alphas from (g,a)

Prob/MeV

Sec. Energy

Energy (MeV)