

Учету и контролю в системе государственного учета и контроля РВ и РАО (далее - СГУК РВ и РАО) подлежат:

РВ и ядерные материалы (далее - ЯМ), не подлежащие учету в системе государственного учета и контроля ядерных материалов (далее - СГУК ЯМ), в составе закрытых радионуклидных источников (далее - ЗРИ), если их начальная (паспортная) активность больше или равна минимально значимой активности, указанной в [таблице N 1](#) приложения N 1 к настоящим Правилам (для смеси радионуклидов - если сумма отношений паспортных значений активностей радионуклидов к их табличным значениям превышает единицу);

РВ и ЯМ не в составе ЗРИ <1>, которые не подлежат учету в СГУК ЯМ, если их активность и удельная активность больше или равны минимально значимой активности и минимально значимой удельной активности, указанных в [таблице N 1](#) приложения N 1 к настоящим Правилам (для смеси радионуклидов - если сумма отношений паспортных значений активностей и удельных активностей радионуклидов к их табличным значениям превышает единицу);

Таблица N 1

Минимально значимые удельные активности
радионуклидов (МЗУА) и минимально значимые активности
радионуклидов (МЗА) в РВ

Нуклид	МЗУА, Бк/г	МЗА, Бк
H-3	1 E+06	1 E+09
Be-7	1 E+03	1 E+07
Be-10	1 E+04	1 E+06
C-11	1 E+01	1 E+06
C-14	1 E+04	1 E+07
N-13	1 E+02	1 E+09
Ne-19	1 E+02	1 E+09
O-15	1 E+02	1 E+09
F-18	1 E+01	1 E+06
Na-22	1 E+01	1 E+06
Na-24	1 E+01	1 E+05
Mg-28	1 E+01	1 E+05
Al-26	1 E+01	1 E+05
Si-31	1 E+03	1 E+06
Si-32	1 E+03	1 E+06
P-32	1 E+03	1 E+05

P-33	1 E+05	1 E+08
S-35	1 E+05	1 E+08
Cl-36	1 E+04	1 E+06
Cl-38	1 E+01	1 E+05
Cl-39	1 E+01	1 E+05
Ar-37	1 E+06	1 E+08
Ar-39	1 E+07	1 E+04
Ar-41	1 E+02	1 E+09
K-40	1 E+02	1 E+06
K-42	1 E+02	1 E+06
K-43	1 E+01	1 E+06
K-44	1 E+01	1 E+05
K-45	1 E+01	1 E+05
Ca-41	1 E+05	1 E+07
Ca-45	1 E+04	1 E+07
Ca-47	1 E+01	1 E+06
Sc-43	1 E+01	1 E+06
Sc-44	1 E+01	1 E+05
Sc-45	1 E+02	1 E+07
Sc-46	1 E+01	1 E+06
Sc-47	1 E+02	1 E+06
Sc-48	1 E+01	1 E+05
Sc-49	1 E+03	1 E+05
Ti-44	1 E+01	1 E+05
Ti-45	1 E+01	1 E+06
V-47	1 E+01	1 E+05
V-48	1 E+01	1 E+05
V-49	1 E+04	1 E+07
Cr-48	1 E+02	1 E+06
Cr-49	1 E+01	1 E+06

Cr-51	1 E+03	1 E+07
Mn-51	1 E+01	1 E+05
Mn-52	1 E+01	1 E+05
Mn-52m	1 E+01	1 E+05
Mn-53	1 E+04	1 E+09
Mn-54	1 E+01	1 E+06
Mn-56	1 E+01	1 E+05
Fe-52	1 E+01	1 E+06
Fe-55	1 E+04	1 E+06
Fe-59	1 E+01	1 E+06
Fe-60	1 E+02	1 E+05
Co-55	1 E+01	1 E+06
Co-56	1 E+01	1 E+05
Co-57	1 E+02	1 E+06
Co-58	1 E+01	1 E+06
Co-58m	1 E+04	1 E+07
Co-60	1 E+01	1 E+05
Co-60m	1 E+03	1 E+06
Co-61	1 E+02	1 E+06
Co-62m	1 E+01	1 E+05
Ni-56	1 E+01	1 E+06
Ni-57	1 E+01	1 E+06
Ni-59	1 E+04	1 E+08
Ni-63	1 E+05	1 E+08
Ni-65	1 E+01	1 E+06
Ni-66	1 E+04	1 E+07
Cu-60	1 E+01	1 E+05
Cu-61	1 E+01	1 E+06
Cu-64	1 E+02	1 E+06
Cu-67	1 E+02	1 E+06

Zn-62	1 E+02	1 E+06
Zn-63	1 E+01	1 E+05
Zn-65	1 E+01	1 E+06
Zn-69	1 E+04	1 E+06
Zn-69m	1 E+02	1 E+06
Zn-71m	1 E+01	1 E+06
Zn-72	1 E+02	1 E+06
Ga-65	1 E+01	1 E+05
Ga-66	1 E+01	1 E+05
Ga-67	1 E+02	1 E+06
Ga-68	1 E+01	1 E+05
Ga-70	1 E+02	1 E+06
Ga-72	1 E+01	1 E+05
Ga-73	1 E+02	1 E+06
Ge-66	1 E+01	1 E+06
Ge-67	1 E+01	1 E+05
Ge-68 <*>	1 E+01	1 E+05
Ge-69	1 E+01	1 E+06
Ge-71	1 E+04	1 E+08
Ge-75	1 E+03	1 E+06
Ge-77	1 E+01	1 E+05
Ge-78	1 E+02	1 E+06
As-69	1 E+01	1 E+05
As-70	1 E+01	1 E+05
As-71	1 E+01	1 E+06
As-72	1 E+01	1 E+05
As-73	1 E+03	1 E+07
As-74	1 E+01	1 E+06
As-76	1 E+02	1 E+05
As-77	1 E+03	1 E+06

As-78	1 E+01	1 E+05
Se-70	1 E+01	1 E+06
Se-73	1 E+01	1 E+06
Se-73m	1 E+02	1 E+06
Se-75	1 E+02	1 E+06
Se-79	1 E+04	1 E+07
Se-81	1 E+03	1 E+06
Se-81m	1 E+03	1 E+07
Se-83	1 E+01	1 E+05
Br-74	1 E+01	1 E+05
Br-74m	1 E+01	1 E+05
Br-75	1 E+01	1 E+06
Br-76	1 E+01	1 E+05
Br-77	1 E+02	1 E+06
Br-80	1 E+02	1 E+05
Br-80m	1 E+03	1 E+07
Br-82	1 E+01	1 E+06
Br-83	1 E+03	1 E+06
Br-84	1 E+01	1 E+05
Kr-74	1 E+02	1 E+09
Kr-76	1 E+02	1 E+09
Kr-77	1 E+02	1 E+09
Kr-79	1 E+03	1 E+05
Kr-81	1 E+04	1 E+07
Kr-81m	1 E+03	1 E+10
Kr-83m	1 E+05	1 E+12
Kr-85	1 E+05	1 E+04
Kr-85m	1 E+03	1 E+10
Kr-87	1 E+02	1 E+09
Kr-88	1 E+02	1 E+09

Rb-79	1 E+01	1 E+05
Rb-81	1 E+01	1 E+06
Rb-81m	1 E+03	1 E+07
Rb-82m	1 E+01	1 E+06
Rb-83 <*>	1 E+02	1 E+06
Rb-84	1 E+01	1 E+06
Rb-86	1 E+02	1 E+05
Rb-87	1 E+03	1 E+07
Rb-88	1 E+02	1 E+05
Rb-89	1 E+02	1 E+05
Sr-80	1 E+03	1 E+07
Sr-81	1 E+01	1 E+05
Sr-82 <*>	1 E+01	1 E+05
Sr-83	1 E+01	1 E+06
Sr-85	1 E+02	1 E+06
Sr-85m	1 E+02	1 E+07
Sr-87m	1 E+02	1 E+06
Sr-89	1 E+03	1 E+06
Sr-90 <*>	1 E+02	1 E+04
Sr-91	1 E+01	1 E+05
Sr-92	1 E+01	1 E+06
Y-86	1 E+01	1 E+05
Y-86m	1 E+02	1 E+07
Y-87 <*>	1 E+01	1 E+06
Y-88	1 E+01	1 E+06
Y-90	1 E+03	1 E+05
Y-90m	1 E+01	1 E+06
Y-91	1 E+03	1 E+06
Y-91m	1 E+02	1 E+06
Y-92	1 E+02	1 E+05

Y-93	1 E+02	1 E+05
Y-94	1 E+01	1 E+05
Y-95	1 E+01	1 E+05
Zr-86	1 E+02	1 E+07
Zr-88	1 E+02	1 E+06
Zr-89	1 E+01	1 E+06
Zr-93 <*>	1 E+03	1 E+07
Zr-95	1 E+01	1 E+06
Zr-97 <*>	1 E+01	1 E+05
Nb-88	1 E+01	1 E+05
Nb-89	1 E+01	1 E+05
Nb-89m	1 E+01	1 E+05
Nb-90	1 E+01	1 E+05
Nb-93m	1 E+04	1 E+07
Nb-94	1 E+01	1 E+06
Nb-95	1 E+01	1 E+06
Nb-95m	1 E+02	1 E+07
Nb-96	1 E+01	1 E+05
Nb-97	1 E+01	1 E+06
Nb-98	1 E+01	1 E+05
Mo-90	1 E+01	1 E+06
Mo-93	1 E+03	1 E+08
Mo-93m	1 E+01	1 E+06
Mo-99	1 E+02	1 E+06
Mo-101	1 E+01	1 E+06
Tc-93	1 E+01	1 E+06
Tc-93m	1 E+01	1 E+06
Tc-94	1 E+01	1 E+06
Tc-94m	1 E+01	1 E+05
Tc-95	1 E+01	1 E+06

Tc-95m	1 E+01	1 E+06
Tc-96	1 E+01	1 E+06
Tc-96m	1 E+03	1 E+07
Tc-97	1 E+03	1 E+08
Tc-97m	1 E+03	1 E+07
Tc-98	1 E+01	1 E+06
Tc-99	1 E+04	1 E+07
Tc-99m	1 E+02	1 E+07
Tc-101	1 E+02	1 E+06
Tc-104	1 E+01	1 E+05
Ru-94	1 E+02	1 E+06
Ru-97	1 E+02	1 E+07
Ru-103	1 E+02	1 E+06
Ru-105	1 E+01	1 E+06
Ru-106 <*>	1 E+02	1 E+05
Rh-99	1 E+01	1 E+06
Rh-99m	1 E+01	1 E+06
Rh-100	1 E+01	1 E+06
Rh-101	1 E+02	1 E+07
Rh-101m	1 E+02	1 E+07
Rh-102	1 E+01	1 E+06
Rh-102m	1 E+02	1 E+06
Rh-103m	1 E+04	1 E+08
Rh-105	1 E+02	1 E+07
Rh-106m	1 E+01	1 E+05
Rh-107	1 E+02	1 E+06
Pd-100	1 E+02	1 E+07
Pd-101	1 E+02	1 E+06
Pd-103	1 E+03	1 E+08
Pd-107	1 E+05	1 E+08

Pd-109	1 E+03	1 E+06
Ag-103	1 E+01	1 E+06
Ag-104	1 E+01	1 E+06
Ag-104m	1 E+01	1 E+06
Ag-105	1 E+02	1 E+06
Ag-106	1 E+01	1 E+06
Ag-106m	1 E+01	1 E+06
Ag-108m	1 E+01	1 E+06
Ag-110m	1 E+01	1 E+06
Ag-111	1 E+03	1 E+06
Ag-112	1 E+01	1 E+05
Ag-115	1 E+01	1 E+05
Cd-104	1 E+02	1 E+07
Cd-107	1 E+03	1 E+07
Cd-109	1 E+04	1 E+06
Cd-115	1 E+02	1 E+06
Cd-113	1 E+03	1 E+06
Cd-113m	1 E+03	1 E+06
Cd-115m	1 E+03	1 E+06
In-109	1 E+01	1 E+06
In-110	1 E+01	1 E+06
In-110m	1 E+01	1 E+05
In-111	1 E+02	1 E+06
In-112	1 E+02	1 E+06
In-113m	1 E+02	1 E+06
In-114	1 E+03	1 E+05
In-114m	1 E+02	1 E+06
In-115	1 E+03	1 E+05
In-115m	1 E+02	1 E+06
In-116m	1 E+01	1 E+05

In-117	1 E+01	1 E+06
In-117m	1 E+02	1 E+06
In-119m	1 E+02	1 E+05
Sn-110	1 E+02	1 E+07
Sn-111	1 E+02	1 E+06
Sn-113	1 E+03	1 E+07
Sn-117m	1 E+02	1 E+06
Sn-119m	1 E+03	1 E+07
Sn-121	1 E+05	1 E+07
Sn-121m <*>	1 E+03	1 E+07
Sn-123	1 E+03	1 E+06
Sn-123m	1 E+02	1 E+06
Sn-125	1 E+02	1 E+05
Sn-126 <*>	1 E+01	1 E+05
Sn-127	1 E+01	1 E+06
Sn-128	1 E+01	1 E+06
Sb-115	1 E+01	1 E+06
Sb-116	1 E+01	1 E+06
Sb-116m	1 E+01	1 E+05
Sb-117	1 E+02	1 E+07
Sb-118m	1 E+01	1 E+06
Sb-119	1 E+03	1 E+07
Sb-120	1 E+02	1 E+06
Sb-120m	1 E+01	1 E+06
Sb-122	1 E+02	1 E+04
Sb-124	1 E+01	1 E+06
Sb-124m	1 E+02	1 E+06
Sb-125	1 E+02	1 E+06
Sb-126	1 E+01	1 E+05
Sb-126m	1 E+01	1 E+05

Sb-127	1 E+01	1 E+06
Sb-128	1 E+01	1 E+05
Sb-128m	1 E+01	1 E+05
Sb-129	1 E+01	1 E+06
Sb-130	1 E+01	1 E+05
Sb-131	1 E+01	1 E+06
Te-116	1 E+02	1 E+07
Te-121	1 E+01	1 E+06
Te-121m	1 E+02	1 E+06
Te-123	1 E+03	1 E+06
Te-123m	1 E+02	1 E+07
Te-125m	1 E+03	1 E+07
Te-127	1 E+03	1 E+06
Te-127m	1 E+03	1 E+07
Te-129	1 E+02	1 E+06
Te-129m	1 E+03	1 E+06
Te-131	1 E+02	1 E+05
Te-131m	1 E+01	1 E+06
Te-132	1 E+02	1 E+07
Te-133	1 E+01	1 E+05
Te-133m	1 E+01	1 E+05
Te-134	1 E+01	1 E+06
I-120	1 E+01	1 E+05
I-120m	1 E+01	1 E+05
I-121	1 E+02	1 E+06
I-123	1 E+02	1 E+07
I-124	1 E+01	1 E+06
I-125	1 E+03	1 E+06
I-126	1 E+02	1 E+06
I-128	1 E+02	1 E+05

I-129	1 E+02	1 E+05
I-130	1 E+01	1 E+06
I-131	1 E+02	1 E+06
I-132	1 E+01	1 E+05
I-132m	1 E+02	1 E+06
I-133	1 E+01	1 E+06
I-134	1 E+01	1 E+05
I-135	1 E+01	1 E+06
Xe-120	1 E+02	1 E+09
Xe-121	1 E+02	1 E+09
Xe-122 <*>	1 E+02	1 E+09
Xe-123	1 E+02	1 E+09
Xe-125	1 E+03	1 E+05
Xe-127	1 E+03	1 E+09
Xe-129m	1 E+03	1 E+04
Xe-131m	1 E+04	1 E+04
Xe-133m	1 E+03	1 E+04
Xe-133	1 E+03	1 E+04
Xe-135	1 E+03	1 E+10
Xe-135m	1 E+02	1 E+09
Xe-138	1 E+02	1 E+09
Cs-125	1 E+01	1 E+04
Cs-127	1 E+02	1 E+05
Cs-129	1 E+02	1 E+05
Cs-130	1 E+02	1 E+06
Cs-131	1 E+03	1 E+06
Cs-132	1 E+01	1 E+05
Cs-134m	1 E+03	1 E+05
Cs-134	1 E+01	1 E+04
Cs-135	1 E+04	1 E+07

Cs-135m	1 E+01	1 E+06
Cs-136	1 E+01	1 E+05
Cs-137 <*>	1 E+01	1 E+04
Cs-138	1 E+01	1 E+04
Ba-126	1 E+02	1 E+07
Ba-128	1 E+02	1 E+07
Ba-131	1 E+02	1 E+06
Ba-131m	1 E+02	1 E+07
Ba-133	1 E+01	1 E+05
Ba-133m	1 E+02	1 E+06
Ba-135m	1 E+02	1 E+06
Ba-137m	1 E+01	1 E+06
Ba-139	1 E+02	1 E+05
Ba-140 <*>	1 E+01	1 E+05
Ba-141	1 E+02	1 E+05
Ba-142	1 E+02	1 E+06
La-131	1 E+01	1 E+06
La-132	1 E+01	1 E+06
La-135	1 E+03	1 E+07
La-137	1 E+03	1 E+07
La-138	1 E+01	1 E+06
La-140	1 E+01	1 E+05
La-141	1 E+02	1 E+05
La-142	1 E+01	1 E+05
La-143	1 E+02	1 E+05
Ce-134	1 E+03	1 E+07
Ce-135	1 E+01	1 E+06
Ce-137	1 E+03	1 E+07
Ce-137m	1 E+03	1 E+06
Ce-139	1 E+02	1 E+06

Ce-141	1 E+02	1 E+07
Ce-143	1 E+02	1 E+06
Ce-144 <*>	1 E+02	1 E+05
Pr-136	1 E+01	1 E+05
Pr-137	1 E+02	1 E+06
Pr-138m	1 E+01	1 E+06
Pr-139	1 E+02	1 E+07
Pr-142	1 E+02	1 E+05
Pr-142m	1 E+07	1 E+09
Pr-143	1 E+04	1 E+06
Pr-144	1 E+02	1 E+05
Pr-145	1 E+03	1 E+05
Pr-147	1 E+01	1 E+05
Nd-136	1 E+02	1 E+06
Nd-138	1 E+03	1 E+07
Nd-139	1 E+02	1 E+06
Nd-139m	1 E+01	1 E+06
Nd-141	1 E+02	1 E+07
Nd-147	1 E+02	1 E+06
Nd-149	1 E+02	1 E+06
Nd-151	1 E+01	1 E+05
Pm-141	1 E+01	1 E+05
Pm-143	1 E+02	1 E+06
Pm-144	1 E+01	1 E+06
Pm-145	1 E+03	1 E+07
Pm-146	1 E+01	1 E+06
Pm-147	1 E+04	1 E+07
Pm-148	1 E+01	1 E+05
Pm-148m	1 E+01	1 E+06
Pm-149	1 E+03	1 E+06

Pm-150	1 E+01	1 E+05
Pm-151	1 E+02	1 E+06
Sm-141	1 E+01	1 E+05
Sm-141m	1 E+01	1 E+06
Sm-142	1 E+02	1 E+07
Sm-145	1 E+02	1 E+07
Sm-146	1 E+01	1 E+05
Sm-147	1 E+01	1 E+04
Sm-151	1 E+04	1 E+08
Sm-153	1 E+02	1 E+06
Sm-155	1 E+02	1 E+06
Sm-156	1 E+02	1 E+06
Eu-145	1 E+01	1 E+06
Eu-146	1 E+01	1 E+06
Eu-147	1 E+02	1 E+06
Eu-148	1 E+01	1 E+06
Eu-149	1 E+02	1 E+07
Eu-150	1 E+01	1 E+06
Eu-150m	1 E+03	1 E+06
Eu-152	1 E+01	1 E+06
Eu-152m	1 E+02	1 E+06
Eu-154	1 E+01	1 E+06
Eu-155	1 E+02	1 E+07
Eu-156	1 E+01	1 E+06
Eu-157	1 E+02	1 E+06
Eu-158	1 E+01	1 E+05
Gd-145	1 E+01	1 E+05
Gd-146 <*>	1 E+01	1 E+06
Gd-147	1 E+01	1 E+06
Gd-148	1 E+01	1 E+04

Gd-149	1 E+02	1 E+06
Gd-151	1 E+02	1 E+07
Gd-152	1 E+01	1 E+04
Gd-153	1 E+02	1 E+07
Gd-159	1 E+03	1 E+06
Tb-147	1 E+01	1 E+06
Tb-149	1 E+01	1 E+06
Tb-150	1 E+01	1 E+06
Tb-151	1 E+01	1 E+06
Tb-153	1 E+02	1 E+07
Tb-154	1 E+01	1 E+06
Tb-155	1 E+02	1 E+07
Tb-156	1 E+01	1 E+06
Tb-156m (24,4 ч)	1 E+03	1 E+07
Tb-156m (5 ч)	1 E+04	1 E+07
Tb-157	1 E+04	1 E+07
Tb-158	1 E+01	1 E+06
Tb-160	1 E+01	1 E+06
Tb-161	1 E+03	1 E+06
Dy-155	1 E+01	1 E+06
Dy-157	1 E+02	1 E+06
Dy-159	1 E+03	1 E+07
Dy-165	1 E+03	1 E+06
Dy-166	1 E+03	1 E+06
Ho-155	1 E+02	1 E+06
Ho-157	1 E+02	1 E+06
Ho-159	1 E+02	1 E+06
Ho-161	1 E+02	1 E+07
Ho-162	1 E+02	1 E+07
Ho-162m	1 E+01	1 E+06

Ho-164	1 E+03	1 E+06
Ho-164m	1 E+03	1 E+07
Ho-166	1 E+03	1 E+05
Ho-166m	1 E+01	1 E+06
Ho-167	1 E+02	1 E+06
Er-161	1 E+01	1 E+06
Er-165	1 E+03	1 E+07
Er-169	1 E+04	1 E+07
Er-171	1 E+02	1 E+06
Er-172	1 E+02	1 E+06
Tm-162	1 E+01	1 E+06
Tm-166	1 E+01	1 E+06
Tm-167	1 E+02	1 E+06
Tm-170	1 E+03	1 E+06
Tm-171	1 E+04	1 E+08
Tm-172	1 E+02	1 E+06
Tm-173	1 E+02	1 E+06
Tm-175	1 E+01	1 E+0
Yb-162	1 E+02	1 E+07
Yb-166	1 E+02	1 E+07
Yb-167	1 E+02	1 E+06
Yb-169	1 E+02	1 E+07
Yb-175	1 E+03	1 E+07
Yb-177	1 E+02	1 E+06
Yb-178	1 E+03	1 E+06
Lu-169	1 E+01	1 E+06
Lu-170	1 E+01	1 E+06
Lu-171	1 E+01	1 E+06
Lu-172	1 E+01	1 E+06
Lu-173	1 E+02	1 E+07

Lu-174	1 E+02	1 E+07
Lu-174m	1 E+02	1 E+07
Lu-176	1 E+02	1 E+06
Lu-176m	1 E+03	1 E+06
Lu-177	1 E+03	1 E+07
Lu-177m	1 E+01	1 E+06
Lu-178	1 E+02	1 E+05
Lu-178m	1 E+01	1 E+05
Lu-179	1 E+03	1 E+06
Hf-170	1 E+02	1 E+06
Hf-172 <*>	1 E+01	1 E+06
Hf-173	1 E+02	1 E+06
Hf-175	1 E+02	1 E+06
Hf-177m	1 E+01	1 E+05
Hf-178m	1 E+01	1 E+06
Hf-179m	1 E+01	1 E+06
Hf-180m	1 E+01	1 E+06
Hf-181	1 E+01	1 E+06
Hf-182	1 E+02	1 E+06
Hf-182m	1 E+01	1 E+06
Hf-183	1 E+01	1 E+06
Hf-184	1 E+02	1 E+06
Ta-172	1 E+01	1 E+06
Ta-173	1 E+01	1 E+06
Ta-174	1 E+01	1 E+06
Ta-175	1 E+01	1 E+06
Ta-176	1 E+01	1 E+06
Ta-177	1 E+02	1 E+07
Ta-178	1 E+01	1 E+06
Ta-179	1 E+03	1 E+07

Ta-180	1 E+01	1 E+06
Ta-180m	1 E+03	1 E+07
Ta-182	1 E+01	1 E+04
Ta-182m	1 E+02	1 E+06
Ta-183	1 E+02	1 E+06
Ta-184	1 E+01	1 E+06
Ta-185	1 E+02	1 E+05
Ta-186	1 E+01	1 E+05
W-176	1 E+02	1 E+06
W-177	1 E+01	1 E+06
W-178 <*>	1 E+01	1 E+06
W-179	1 E+02	1 E+07
W-181	1 E+03	1 E+07
W-185	1 E+04	1 E+07
W-187	1 E+02	1 E+06
W-188 <*>	1 E+02	1 E+05
Re-177	1 E+01	1 E+06
Re-178	1 E+01	1 E+06
Re-181	1 E+01	1 E+06
Re-182	1 E+01	1 E+06
Re-182m	1 E+01	1 E+06
Re-184	1 E+01	1 E+06
Re-184m	1 E+02	1 E+06
Re-186	1 E+03	1 E+06
Re-186m	1 E+03	1 E+07
Re-187	1 E+06	1 E+09
Re-188	1 E+02	1 E+05
Re-188m	1 E+02	1 E+07
Re-189 <*>	1 E+02	1 E+06
Os-180	1 E+02	1 E+07

Os-181	1 E+01	1 E+06
Os-182	1 E+02	1 E+06
Os-185	1 E+01	1 E+06
Os-189m	1 E+04	1 E+07
Os-191	1 E+02	1 E+07
Os-191m	1 E+03	1 E+07
Os-193	1 E+02	1 E+06
Os-194 <*>	1 E+02	1 E+05
Ir-182	1 E+01	1 E+05
Ir-184	1 E+01	1 E+06
Ir-185	1 E+01	1 E+06
Ir-186	1 E+01	1 E+06
Ir-186m	1 E+01	1 E+06
Ir-187	1 E+02	1 E+06
Ir-188	1 E+01	1 E+06
Ir-189 <*>	1 E+02	1 E+07
Ir-190	1 E+01	1 E+06
Ir-190m (3,1 ч)	1 E+01	1 E+06
Ir-190m (1,2 ч)	1 E+04	1 E+07
Ir-192	1 E+01	1 E+04
Ir-192m	1 E+02	1 E+07
Ir-193m	1 E+04	1 E+07
Ir-194	1 E+02	1 E+05
Ir-194m	1 E+01	1 E+06
Ir-195	1 E+02	1 E+06
Ir-195m	1 E+02	1 E+06
Pt-186	1 E+01	1 E+06
Pt-188 <*>	1 E+01	1 E+06
Pt-189	1 E+02	1 E+06
Pt-191	1 E+02	1 E+06

Pt-193	1 E+04	1 E+07
Pt-193m	1 E+03	1 E+07
Pt-195m	1 E+02	1 E+06
Pt-197	1 E+03	1 E+06
Pt-197m	1 E+02	1 E+06
Pt-199	1 E+02	1 E+06
Pt-200	1 E+02	1 E+06
Au-193	1 E+02	1 E+07
Au-194	1 E+01	1 E+06
Au-195	1 E+02	1 E+07
Au-198	1 E+02	1 E+06
Au-198m	1 E+01	1 E+06
Au-199	1 E+02	1 E+06
Au-200	1 E+02	1 E+05
Au-200m	1 E+01	1 E+06
Au-201	1 E+02	1 E+06
Hg-193	1 E+02	1 E+06
Hg-193m	1 E+01	1 E+06
Hg-194 <*>	1 E+01	1 E+06
Hg-195	1 E+02	1 E+06
Hg-195m <*>	1 E+02	1 E+06
Hg-197	1 E+02	1 E+07
Hg-197m	1 E+02	1 E+06
Hg-199m	1 E+02	1 E+06
Hg-203	1 E+02	1 E+05
Tl-194	1 E+01	1 E+06
Tl-194m	1 E+01	1 E+06
Tl-195	1 E+01	1 E+06
Tl-197	1 E+02	1 E+06
Tl-198	1 E+01	1 E+06

TI-198m	1 E+01	1 E+06
TI-199	1 E+02	1 E+06
TI-200	1 E+01	1 E+06
TI-201	1 E+02	1 E+06
TI-202	1 E+02	1 E+06
TI-204	1 E+04	1 E+04
Pb-195m	1 E+01	1 E+06
Pb-198	1 E+02	1 E+06
Pb-199	1 E+01	1 E+06
Pb-200	1 E+02	1 E+06
Pb-201	1 E+01	1 E+06
Pb-202	1 E+03	1 E+06
Pb-202m	1 E+01	1 E+06
Pb-203	1 E+02	1 E+06
Pb-205	1 E+04	1 E+07
Pb-209	1 E+05	1 E+06
Pb-210 <*>	1 E+01	1 E+04
Pb-211	1 E+02	1 E+06
Pb-212 <*>	1 E+01	1 E+05
Pb-214	1 E+02	1 E+06
Bi-200	1 E+01	1 E+06
Bi-201	1 E+01	1 E+06
Bi-202	1 E+01	1 E+06
Bi-203	1 E+01	1 E+06
Bi-205	1 E+01	1 E+06
Bi-206	1 E+01	1 E+05
Bi-207	1 E+01	1 E+06
Bi-210	1 E+03	1 E+06
Bi-210m <*>	1 E+01	1 E+05
Bi-212 <*>	1 E+01	1 E+05

Bi-213	1 E+02	1 E+06
Bi-214	1 E+01	1 E+05
Po-203	1 E+01	1 E+06
Po-205	1 E+01	1 E+06
Po-206	1 E+01	1 E+06
Po-207	1 E+01	1 E+06
Po-208	1 E+01	1 E+04
Po-209	1 E+01	1 E+04
Po-210	1 E+01	1 E+04
At-207	1 E+01	1 E+06
At-211	1 E+03	1 E+07
Fr-222	1 E+03	1 E+05
Fr-223	1 E+02	1 E+06
Rn-220 <*>	1 E+04	1 E+07
Rn-222 <*>	1 E+01	1 E+08
Ra-223 <*>	1 E+02	1 E+05
Ra-224 <*>	1 E+01	1 E+05
Ra-225	1 E+02	1 E+05
Ra-226 <*>	1 E+01	1 E+04
Ra-227	1 E+02	1 E+06
Ra-228 <*>	1 E+01	1 E+05
Ac-224	1 E+02	1 E+06
Ac-225 <*>	1 E+01	1 E+04
Ac-226	1 E+02	1 E+05
Ac-227 <*>	1 E-01	1 E+03
Ac-228	1 E+01	1 E+06
Th-226 <*>	1 E+03	1 E+07
Th-227	1 E+01	1 E+04
Th-228 <*>	1 E+00	1 E+04
Th-229 <*>	1 E+00	1 E+03

Th-230	1 E+00	1 E+04
Th-231	1 E+03	1 E+07
Th-232 <*>	1 E+00	1 E+03
Th-природный (включая Th-232) <*>	1 E+00	1 E+03
Th-234 <*>	1 E+03	1 E+05
Pa-227	1 E+01	1 E+06
Pa-228	1 E+01	1 E+06
Pa-230	1 E+01	1 E+06
Pa-231	1 E+00	1 E+03
Pa-232	1 E+01	1 E+06
Pa-233	1 E+02	1 E+07
Pa-234	1 E+01	1 E+06
U-230 <*>	1 E+01	1 E+05
U-231	1 E+02	1 E+07
U-232 <*>	1 E+00	1 E+03
U-233	1 E+01	1 E+04
U-234	1 E+01	1 E+04
U-235 <*>	1 E+01	1 E+04
U-236	1 E+01	1 E+04
U-237	1 E+02	1 E+06
U-238 <*>	1 E+01	1 E+04
U-природный	1 E+00	1 E+03
U-239	1 E+02	1 E+06
U-240	1 E+03	1 E+07
U-240 <*>	1 E+01	1 E+06
Np-232	1 E+01	1 E+06
Np-233	1 E+02	1 E+07
Np-234	1 E+01	1 E+06
Np-235	1 E+03	1 E+07

Np-236	1 E+02	1 E+05
Np-236m	1 E+03	1 E+07
Np-237 <*>	1 E+00	1 E+03
Np-238	1 E+02	1 E+06
Np-239	1 E+02	1 E+07
Np-240	1 E+01	1 E+06
Pu-234	1 E+02	1 E+07
Pu-235	1 E+02	1 E+07
Pu-236	1 E+01	1 E+04
Pu-237	1 E+03	1 E+07
Pu-238	1 E+00	1 E+04
Pu-239	1 E+00	1 E+04
Pu-240	1 E+00	1 E+03
Pu-241	1 E+02	1 E+05
Pu-242	1 E+00	1 E+04
Pu-243	1 E+03	1 E+07
Pu-244	1 E+00	1 E+04
Pu-245	1 E+02	1 E+06
Pu-246	1 E+02	1 E+06
Am-237	1 E+02	1 E+06
Am-238	1 E+01	1 E+06
Am-239	1 E+02	1 E+06
Am-240	1 E+01	1 E+06
Am-241	1 E+00	1 E+04
Am-242	1 E+03	1 E+06
Am-242m <*>	1 E+00	1 E+04
Am-243 <*>	1 E+00	1 E+03
Am-244	1 E+01	1 E+06
Am-244m	1 E+04	1 E+07
Am-245	1 E+03	1 E+06

Am-246	1 E+01	1 E+05
Am-246m	1 E+01	1 E+06
Cm-238	1 E+02	1 E+07
Cm-240	1 E+02	1 E+05
Cm-241	1 E+02	1 E+06
Cm-242	1 E+02	1 E+05
Cm-243	1 E+00	1 E+04
Cm-244	1 E+01	1 E+04
Cm-245	1 E+00	1 E+03
Cm-246	1 E+00	1 E+03
Cm-247	1 E+00	1 E+04
Cm-248	1 E+00	1 E+03
Cm-249	1 E+03	1 E+06
Cm-250	1 E-01	1 E+03
Bk-245	1 E+02	1 E+06
Bk-246	1 E+01	1 E+06
Bk-247	1 E+00	1 E+04
Bk-249	1 E+03	1 E+06
Bk-250	1 E+01	1 E+06
Cf-244	1 E+04	1 E+07
Cf-246	1 E+03	1 E+06
Cf-248	1 E+01	1 E+04
Cf-249	1 E+00	1 E+03
Cf-250	1 E+01	1 E+04
Cf-251	1 E+00	1 E+03
Cf-252	1 E+01	1 E+04
Cf-253	1 E+02	1 E+05
Cf-254	1 E+00	1 E+03
Es-250	1 E+02	1 E+06
Es-251	1 E+02	1 E+07

Es-253	1 E+02	1 E+05
Es-254	1 E+01	1 E+04
Es-254m	1 E+02	1 E+06
Fm-252	1 E+03	1 E+06
Fm-253	1 E+04	1 E+07
Fm-254	1 E+04	1 E+07
Fm-255	1 E+03	1 E+06
Fm-257	1 E+01	1 E+05
Md-257	1 E+02	1 E+07
Md-258	1 E+02	1 E+05

 <*> Перечисленные ниже материнские радионуклиды приведены в условиях их равновесия с дочерними:

Ge-68	Ga-68
Rb-83	Kr-83m
Sr-82	Rb-82
Sr-90	Y-90
Y-87	Sr-87m
Zr-93	Nb-93m
Zr-97	Nb-97
Ru-106	Rh-106
Ag-108m	Ag-108
Sn-121m	Sn-121 (0,776)
Sn-126	Sn-126m
Xe-122	I-122
Cs-137	Ba-137m
Ba-140	La-140
Ce-134	La-134
Ce-144	Pr-144

Gd-146	Eu-146
Hf-172	Lu-172
W-178	Ta-178
W-188	Re-188
Re-189	Os-189m (0,241)
Ir-189	Os-189m
Pt-188	Ir-188
Hg-194	Au-194
Hg-195m	Hg-195 (0,542)
Pb-210	Bi-210, Po-210
Pb-212	Bi-212, Tl-208 (0,36), Po-212 (0,64)
Bi-210m	Tl-206
Bi-212	Tl-208 (0,36), Po-212 (0,64)
Rn-220	Po-216
Rn-222	Po-218, Pb-214, Bi-214, Po-214
Ra-223	Rn-219, Po-215, Pb-211, Bi-211, Tl-207
Ra-224	Rn-220, Po-216, Pb-212, Bi-212, Tl-208 (0,36), Po-212 (0,64)
Ra-226	Rn-222, Po-218, Pb-214, Bi-214, Po-214, Pb-210, Bi-210, Po-210
Ra-228	Ac-228
Ac-225	Fr-221, At-217, Bi-213, Po-213 (0,978), Tl-209 (0,0216), Pb-209 (0,978)
Ac-227	Fr-223 (0,0138)
Th-226	Ra-222, Rn-218, Po-214
Th-228	Ra-224, Rn-220, Po-216, Pb-212, Bi-212, Tl-208 (0,36), Po-212 (0,64)
Th-229	Ra-225, Ac-225, Fr-221, At-217, Bi-213, Po-213, Pb-209
Th-232	Ra-228, Fr-228, Th-228, Ra-224, Rn-220, Po-216, Pb-212, Bi-212, Tl-208 (0,36), Po-212 (0,64)
Th-природный	Ra-228, Ac-228, Th-228, Ra-224, Rn-220, Po-216, Pb-212, Bi-212, Tl-208 (0,36), Po-212 (0,64)
Th-234	Pa-234m
U-230	Th-226, Ra-222, Rn-218, Po-214
U-232	Th-228, Ra-224, Rn-220, Po-216, Pb-212, Bi-212, Tl-208 (0,36), Po-212 (0,64)

U-235	Th-231
U-238	Th-234, Pa-234m
U-природный	Th-234, Pa-234m, U-234, Th-230, Ra-226, Rn-222, Po-218, Pb-214, Bi-214, Po-214, Pb-210, Bi-210, Po-210
U-240	Np-240m
Np-237	Pa-233
Am-242m	Am-242
Am-243	Np-239