ACTIVITES MAX AUTORISEES SUR LA LIGNE MARS - FAMILLES F1, F2, F3, F4

RN	A max (Bq)
Ac225	1,000E+04
Ac227	1,000E+03
Ac228	1,000E+06
Ag105	1,000E+06
Ag110m	1,000E+06
Ag111	1,000E+06
Al28	1,000E+05
Am237	1,000E+06
Am238	1,000E+06
Am239	1,000E+06
Am240	1,000E+06
Am241	1,000E+04
Am242	1,000E+06
Am242m	1,000E+04
Am243	1,000E+03
Am244	1,000E+06
Am244m	1,000E+07
Am245	1,000E+06
Am246	1,000E+05
Am246m	1,000E+06
Ar41	3,94E+07
As73	1,000E+07
As74	1,000E+06
As76	1,000E+05
As77	1,000E+06
At211	1,000E+07
At217	1,000E+03
Au196	1,000E+03
Au198	1,000E+06
Au199	1,000E+06
Ba131	1,000E+06
Ba140	1,000E+05
Be10	1,000E+06
Be7	1,000E+07
Bi206	1,000E+05
Bi207	1,000E+06
Bi210	1,000E+06
Bi211	1,000E+03
Bi212	1,000E+05
Bi213	1,000E+06
Bi214	1,000E+05
Bk249	1,000E+06

RN	A max (Bq)
Bk250	1,000E+06
Br82	1,000E+06
C14	1,000E+07
Ca45	1,000E+07
Ca47	1,000E+06
Cd109	1,000E+06
Cd113m	1,000E+06
Cd115	1,000E+06
Cd115m	1,000E+06
Ce134	1,000E+07
Ce135	1,000E+06
Ce137	1,000E+07
Ce137m	1,000E+06
Ce139	1,000E+06
Ce141	1,000E+07
Ce143	1,000E+06
Ce144-Pr144	1,000E+07
Cf244	1,000E+07
Cf246	1,000E+06
Cf249	1,000E+06
Cf250	1,000E+04
Cf251	1,000E+03
Cf252	1,000E+04
Cf253	1,000E+05
Cf254	1,000E+03
Cl36	1,000E+06
Cl38	1,000E+05
Cm241	1,000E+06
Cm242	1,000E+05
Cm243	1,000E+04
Cm244	1,000E+04
Cm245	1,000E+03
Cm246	1,000E+03
Cm247	1,000E+04
Cm248	1,000E+03
Cm249	1,000E+06
Co55	1,000E+06
Co56	1,000E+05
Co57	1,000E+06
Co58	1,000E+06
Co58m	1,000E+07
Co60	1,000E+05

RN	A max (Bq)
Co60m	1,000E+06
Co61	1,000E+06
Co62m	1,000E+05
Cr51	1,000E+07
Cs125	1,000E+04
Cs127	1,000E+05
Cs129	1,000E+05
Cs130	1,000E+06
Cs132	1,000E+05
Cs134	1,000E+04
Cs134m	1,000E+05
Cs135	1,000E+07
Cs135m	1,000E+06
Cs136	1,000E+05
Cs137-Ba137m	1,000E+04
Cs138	1,000E+04
Cu64	1,000E+06
Dy165	1,000E+06
Dy166	1,000E+06
Er169	1,000E+07
Er171	1,000E+06
Es253	1,000E+05
Es254	1,000E+04
Eu152	1,000E+06
Eu152m	1,000E+06
Eu154	1,000E+06
Eu155	1,000E+07
Eu156	1,000E+06
F18	1,000E+06
Fe52	1,000E+06
Fe55	1,000E+06
Fe59	1,000E+06
Fm254	1,000E+07
Fm255	1,000E+06
Fm256	1,000E+03
Fr221	1,000E+03
Fr223	1,000E+06
Ga67	1,000E+06
Ga72	1,000E+05
Gd153	1,000E+07
Gd159	1,000E+06
Ge71m	1,000E+03

RN	A max (Bq)
H3	1,5E4/ech - 3E4
Hf175	1,000E+06
Hf181	1,000E+06
Hg197	1,000E+07
Hg197m	1,000E+06
Hg203	1,000E+05
Ho166	1,000E+05
Ho166m	1,000E+06
I120	1,000E+05
I120m	1,000E+05
I121	1,000E+06
I123	1,000E+07
I124	1,000E+06
I125	1,000E+06
I126	1,000E+06
I128	1,000E+05
I129	1,000E+05
I130	1,000E+06
I131	1,000E+06
I132m	1,000E+06
I133	1,000E+06
I134	1,000E+05
I135	1,000E+06
In111	1,000E+06
In114m	1,000E+06
In113m	1,000E+06
In115m	1,000E+06
Ir190	1,000E+06
Ir192	1,000E+04
Ir194	1,000E+05
K40	1,000E+06
K42	1,000E+06
K43	1,000E+06
Kr74	1,000E+09
Kr76	1,000E+09
Kr77	1,000E+09
Kr79	1,000E+05
Kr81	1,000E+07
Kr83m	1,850E+10
Kr85	1,000E+04
Kr85m	1,276E+09
Kr87	6,898E+07

RN	A max (Bq)
Kr88	2,440E+07
La140	1,000E+05
Lu177	1,000E+07
Mn51	1,000E+05
Mn52	1,000E+05
Mn52m	1,000E+05
Mn54	1,000E+06
Mn56	1,000E+05
Mo101	1,000E+06
Mo90	1,000E+06
Mo93m	1,000E+06
Mo99	1,000E+06
Na22	1,000E+06
Na24	1,000E+05
Nb88	1,000E+05
Nb89	1,000E+05
Nb90	1,000E+05
Nb93m	1,000E+07
Nb94	1,000E+06
Nb95	1,000E+06
Nb96	1,000E+05
Nb97	1,000E+06
Nb98	1,000E+05
Nd147	1,000E+06
Nd149	1,000E+06
Ni59	1,000E+08
Ni63	1,000E+08
Ni65	1,000E+06
Np237	1,000E+03
Np238	1,000E+06
Np239	1,000E+07
Np240	1,000E+06
Os185	1,000E+06
Os191	1,000E+07
Os191m	1,000E+07
Os193	1,000E+06
P32	1,000E+05
Pa230	1,000E+06
Pa231	1,000E+03
Pa233	1,000E+07
Pa234	1,000E+06
Pa234m	1,000E+03

RN	A max (Bq)
Pb201	1,000E+06
Pb203	1,000E+06
Pb209	1,000E+06
Pb210	1,000E+04
Pb211	1,000E+06
Pb212	1,000E+05
Pb214	1,000E+06
Pd103	1,000E+08
Pd107	1,000E+08
Pd109	1,000E+06
Pm147	1,000E+07
Pm148	1,000E+05
Pm148m	1,000E+06
Pm149	1,000E+06
Po203	1,000E+06
Po205	1,000E+06
Po207	1,000E+06
Po209	1,000E+04
Po210	1,000E+04
Po211	1,000E+03
Po212	1,000E+03
Po213	1,000E+03
Po214	1,000E+03
Po215	1,000E+03
Po216	1,000E+03
Po218	1,000E+03
Pr142	1,000E+05
Pr143	1,000E+06
Pt191	1,000E+06
Pt193m	1,000E+07
Pt197	1,000E+06
Pt197m	1,000E+06
Pu234	1,000E+07
Pu236	1,000E+04
Pu237	1,000E+07
Pu237m	1,000E+03
Pu238	1,000E+04
Pu239	1,000E+04
Pu240	1,000E+03
Pu241	1,000E+05
Pu242	1,000E+04
Pu243	1,000E+07

RN	A max (Bq)
Pu244	1,000E+04
Pu245	1,000E+06
Ra223	1,000E+05
Ra224	1,000E+05
Ra225	1,000E+05
Ra226	1,000E+04
Ra227	1,000E+06
Ra228	1,000E+05
Rb86	1,000E+05
Rb87	1,000E+07
Re183	1,000E+03
Re186	1,000E+06
Re188	1,000E+05
Rh103m	1,000E+08
Rh105	1,000E+07
Rn219	1,000E+03
Rn220	1,000E+07
Rn222	1,000E+08
Ru103	1,000E+06
Ru105	1,000E+06
Ru106-Rh106	1,000E+05
Ru97	1,000E+07
S35	1,000E+08
Sb122	1,000E+04
Sb124	1,000E+06
Sb125-Te125m	1,000E+06
Sb126	1,000E+05
Sc46	1,000E+06
Sc47	1,000E+06
Sc48	1,000E+05
Se75	1,000E+06
Se79	1,000E+07
Si31	1,000E+06
Sm151	1,000E+08
Sm153	1,000E+06
Sn113	1,000E+07
Sn119m	1,000E+07
Sn121	1,000E+07
Sn121m	1,000E+07
Sn123	1,000E+06
Sn125	1,000E+05
Sn126	1,000E+05

RN	A max (Bq)
Sr80	1,000E+07
Sr81	1,000E+05
Sr83	1,000E+06
Sr85	1,000E+06
Sr85m	1,000E+07
Sr87m	1,000E+06
Sr89	1,000E+06
Sr90-Y90	1,000E+04
Sr91	1,000E+05
Sr92	1,000E+06
Ta182	1,000E+04
Ta183	1,000E+06
Tb160	1,000E+06
Tc96	1,000E+06
Tc96m	1,000E+07
Tc97m	1,000E+07
Tc99	1,000E+07
Tc99m	1,000E+07
Te116	1,000E+07
Te121	1,000E+06
Te121m	1,000E+06
Te123m	1,000E+07
Te127	1,000E+06
Te127m	1,000E+07
Te129	1,000E+06
Te129m	1,000E+06
Te131	1,000E+05
Te131m	1,000E+06
Te132	1,000E+07
Te133	1,000E+05
Te133m	1,000E+05
Te134	1,000E+06
Th226	1,000E+07
Th227	1,000E+04
Th228	1,000E+04
Th229	1,000E+03
Th230	1,000E+04
Th231	1,000E+07
Th232	1,000E+04
Th234	1,000E+05
Tl200	1,000E+06
Tl201	1,000E+06

RN	A max (Bq)
Tl202	1,000E+06
Tl204	1,000E+04
Tl207	1,000E+03
Tl208	1,000E+03
Tl209	1,000E+03
Tm170	1,000E+06
Tm171	1,000E+08
U230	1,000E+05
U231	1,000E+07
U232	1,000E+03
U233	1,000E+04
U234	1,000E+04
U235	1,000E+04
U235m	1,000E+03
U236	1,000E+04
U237	1,000E+06
U238	1,000E+04
U239	1,000E+06
U240	1,000E+07
V48	1,000E+05
W181	1,000E+07
W185	1,000E+07
W187	1,000E+06
Xe131m	1,000E+04
Xe133	1,000E+04
Xe135	3,595E+08
Y91	1,000E+06
Y91m	1,000E+06
Y92	1,000E+05
Y93	1,000E+05
Yb169	1,000E+07
Yb175	1,000E+07
Zn65	7,06E+05
Zn69	1,000E+06
Zn69m	1,000E+06
Zr86	1,000E+07
Zr88	1,000E+06
Zr89	1,000E+06
Zr93	1,000E+07
Zr95	1,000E+06
Zr97	1,000E+05