

23rd NSDD 2019

Code PANDORA and

ENSDF CONSISTENCY CHECKING:

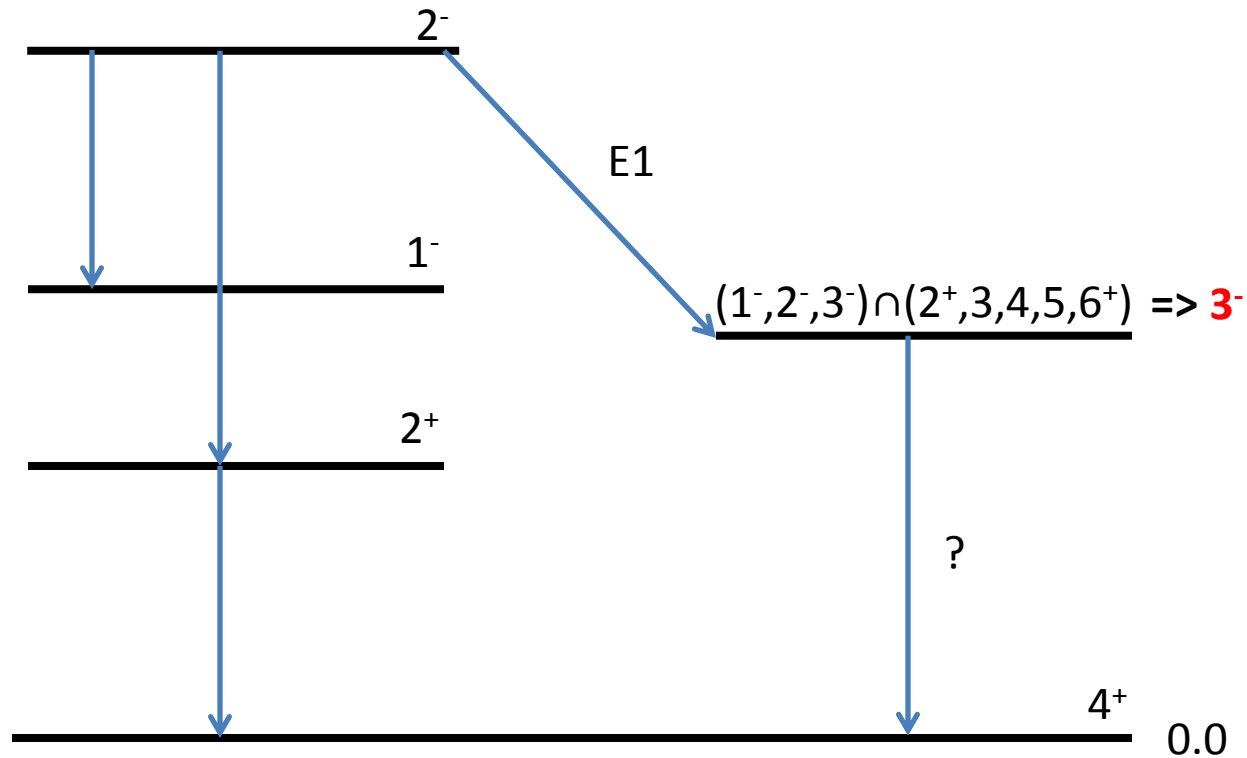
***modify to get both “ γ from level” and “ γ
to level listings”***

(Action 4 from NSDD 2017)

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Code PANDORA and ENSDF CONSISTENCY CHECKING



Level scheme – schematic view

Code PANDORA and ENSDF CONSISTENCY CHECKING

Action 4 from NSDD 2017:

- Actual “ γ from level” output (gle)*

166.7 2	23.00	8.00	(D+Q)		954.3	(17/2-)	787.6	(19/2-)	ADOPTED LEVELS, GAMMAS
169.0 3	15.00	8.00	(D+Q)		954.3	(17/2-)	786.1	(15/2+)	ADOPTED LEVELS, GAMMAS
343.5 3	15.00	8.00	(E2)	0.0308	954.3	(17/2-)	611.0	(13/2-)	ADOPTED LEVELS, GAMMAS
512.7 2	100.00	8.00	D+Q		954.3	(17/2-)	441.6	(15/2-)	ADOPTED LEVELS, GAMMAS

- Proposed “ γ to level” output (to be named)*

253.5 1	43.00	5.00	(D)		1207.7	(19/2+)	954.3	(17/2-)	ADOPTED LEVELS, GAMMAS
436.6 1	100.00	11.00	(E2)	0.01508	1390.8	(21/2-)	954.3	(17/2-)	ADOPTED LEVELS, GAMMAS

Important: one should use minimum number of arguments when assigning $J\pi$ values (as recommended by ENSDF policies) in order to use the “redundant” ones for assignments