$(HI,xn\gamma)$ 2001Mo39,1992Ce05

| | History | | | |
|-----------------|--------------------------------------|--------------------|------------------------|--|
| Туре | Author | Citation | Literature Cutoff Date | |
| Full Evaluation | K. Kitao, Y. Tendow and A. Hashizume | NDS 96, 241 (2002) | 1-Dec-2001 | |

2001Mo39: ¹⁰⁷Ag(¹⁶O,3n γ) E=85 MeV; Compton-suppressed HPGe array; γ , $\gamma\gamma$, $\gamma\gamma(\theta)$; DCO ratio. 1992Ce05: ⁹²Mo(³²S,3pn γ) E=145 MeV; NORDBALL detector system γ , particle- $\gamma\gamma$ coin.

1986Qu01, 1984QuZX: ¹¹²Sn(¹²C,p3n γ) E=86 MeV; γ , $\gamma\gamma(t)$, $\gamma(\theta)$, $\gamma(t)$.

1974Co36: ¹⁰⁶Cd(¹⁶O,pnγ) E=57-66 MeV.

The decay scheme is that proposed by 2001Mo39 except that for the band labeled with "H" observed In 1992Ce05. The band with "G" is identified by both 1992Ce05 and 2001Mo39, but strong crossover transitions were not reported by 2001Mo39.

¹²⁰Cs Levels

The negative parity band $(\pi g_{9/2}\nu h_{11/2})$ built with levels At 103, 238, 404, 599, 823, 1073, 1345 and (1640) keV proposed by 1986Qu01 and 1992Ce05 based on 82, 127, 277, 821, 319, 351, 374, (386), 388, 394, 396, 508, 600, 667, 721, (780), 786, 791 keV transitions is not adopted by the evaluators, because 2001Mo39 reported that γ 's of this band not coincide with the Cs x-ray.

| E(level) ^C | J^{π} | T _{1/2} | | Comments |
|--------------------------------|--------------------|------------------|----------------------------------|----------|
| 0 | $2^{(+)}$ | 61.3 s <i>11</i> | $T_{1/2}$: from Adopted Levels. | |
| 0.0+x | (7 ⁻) | 57 s 6 | Additional information 1. | |
| 102 40 . 10 | (0-) | | $T_{1/2}$: from Adopted Levels. | |
| 102.40+x 18 179.40+x 18 | (8) | | | |
| 179.+0+x 10 237.20+x b 25 | (0) | | | |
| $237.20 \pm x = 23$ | (0) | | | |
| 2/1.4 + x + 3 | (8) | | | |
| 284.9 + x = 3 326.1 + x = 4 | (9^{+}) | | | |
| $320.1 \pm x \pm 4$ | (9) | | | |
| $350.3 \pm x$ 4 | (10) | | | |
| $350.2 + x^{+} 3$ | (9) | | | |
| 402.9+x ^o 5 | (9) | | | |
| 480.3+x† 3 | (10^{-}) | | | |
| 505.4+x ^w 4 | (11^{+}) | | | |
| $536.0 + x^{\text{ff}} 4$ | (12^{+}) | | | |
| 597.9+x ^b 7 | (10) | | | |
| 612.1+x ^{&} 4 | (10^{-}) | | | |
| 658.0+x [‡] 4 | (11 ⁻) | | | |
| 821.5+x ^b 8 | (11) | | | |
| 832.8+x ^{<i>a</i>} 4 | (11^{-}) | | | |
| 850.3+x [†] 4 | (12 ⁻) | | | |
| 851.9+x [@] 5 | (13^{+}) | | | |
| 975.8+x [#] 5 | (14^{+}) | | | |
| 1031.8+x ^{&} 4 | (12^{-}) | | | |
| 1071.5+x ^b 9 | (12) | | | |
| 1108.2+x [‡] 4 | (13^{-}) | | | |
| 1322.6+x ^{<i>a</i>} 5 | (13 ⁻) | | | |
| 1344.3+x ^b 10 | (13) | | | |
| 1355.7+x [@] 5 | (15^{+}) | | | |
| 1359.5+x [†] 4 | (14 ⁻) | | | |
| 1597.3+x [#] 5 | (16 ⁺) | | | |
| | . , | | | |

| (HI,xny) | 2001Mo39,1992Ce05 | (continued) |
|----------|-------------------|-------------|
|----------|-------------------|-------------|

| E(level) ^C | J^{π} | E(level) ^C | J^{π} | E(level) ^C | J^{π} | E(level) ^C |
|--------------------------------|--------------------|-------------------------|--------------------|--------------------------|--------------------|---------------------------------|
| 1613.9+x ^{&} 5 | (14-) | 2363.6+x [#] 5 | (18+) | 3637.8+x [@] 6 | (21^{+}) | 5645.9+x [@] 13 |
| 1639.1+x ^b 11 | (14) | 2376.5+x [‡] 5 | (17 ⁻) | 4051.8+x [‡] 6 | (21 ⁻) | 6044.0+x [‡] 9 |
| 1684.9+x [‡] 4 | (15 ⁻) | 2674.30 ^a 7 | (17 ⁻) | 4234.6+x [#] 7 | (22^{+}) | 6439.6+x [#] 16 |
| 1945.1+x ^{<i>a</i>} 5 | (15 ⁻) | 2740.9+x [†] 5 | (18-) | 4534.0+x [†] 7 | (22 ⁻) | 6770.9+x [@] 16 |
| 1959.1+x ^b 11 | (15) | 2766.6+x [@] 5 | (19 ⁺) | 4600.9+x [@] 7 | (23^{+}) | 7126.0+x [‡] <i>13</i> |
| 1993.9+x [†] 5 | (16 ⁻) | 3169.6+x [‡] 5 | (19 ⁻) | 5013.4+x [‡] 7 | (23 ⁻) | |
| $2000.3 + x^{@} 5$ | (17^{+}) | 3248.5+x [#] 6 | (20^{+}) | 5304.6+x [#] 12 | | |
| 2305.1+x ^{&} 6 | (16 ⁻) | 3590.4+x [†] 5 | (20^{-}) | 5555.7+x [†] 9 | | |

¹²⁰Cs Levels (continued)

[†] Band(A): $\pi h_{11/2} \nu g_{7/2}$, $\alpha = 0$.

[‡] Band(B): $\pi h_{11/2} \nu g_{7/2}$, $\alpha = 1$.

[#] Band(C): $\pi h_{11/2} \nu h_{11/2}$, $\alpha = 0$.

[@] Band(D): $\pi h_{11/2} \nu h_{11/2}$, $\alpha = 1$.

[&] Band(E): $\pi h_{11/2} \nu 5/2[402]$, $\alpha = 0$.

^{*a*} Band(F): $\pi h_{11/2} \nu 5/2[402]$, $\alpha = 1$.

^b Band(G): $\pi g_{9/2} \nu h_{11/2}$ or $\pi g_{9/2} \nu g_{7/2}$.

^c From a least-squares fit to $E\gamma$'s by the evaluators.

 $\gamma(^{120}\mathrm{Cs})$

DCO ratios from 2001Mo39. E(I,K,L) from 1992Ce05. Not reported In 2001Mo39. E(K,J,L) No intensity was given by authors.

| E_{γ}^{\dagger} | I_{γ}^{\dagger} | E_i (level) | \mathbf{J}_i^{π} | \mathbf{E}_{f} | \mathbf{J}_{f}^{π} | Mult. ^b | Comments |
|------------------------------|------------------------|---------------|----------------------|------------------|------------------------|--------------------|---------------------------------------|
| (10.4) | | 336.5+x | (10^{+}) | 326.1+x | (9) | | |
| 30.6 | | 536.0+x | (12^+) | 505.4+x | (11^{+}) | | |
| 51.6 4 | 1.7 7 | 336.5+x | (10^{+}) | 284.9+x | (9 ⁺) | (M1+E2) | DCO=0.7 3. |
| 54.7 4 | 2.3 9 | 326.1+x | (9) | 271.4+x | (8 ⁻) | | |
| 77.0 4 | 73 | 179.40+x | (8 ⁻) | 102.40+x | (8^{-}) | (M1+E2) | |
| 78.8 2 | 29.3 7 | 350.2+x | (9 ⁻) | 271.4+x | (8^{-}) | (M1+E2) | DCO=0.70 18. |
| 88.9 4 | 2.6 10 | 326.1+x | (9) | 237.20+x | (8) | (M1+E2) | DCO=0.5 2. |
| 92.0 2 | 44 11 | 271.4+x | (8 ⁻) | 179.40+x | (8 ⁻) | (M1+E2) | DCO=0.8 2. |
| ^x 92 [‡] | | | | | | | |
| 99.3 4 | 1.0 4 | 336.5+x | (10^{+}) | 237.20+x | (8) | | |
| 102.4 2 | 60 15 | 102.40+x | (8-) | 0.0+x | (7^{-}) | (M1+E2) | DCO=0.70 18. |
| 123.9 4 | 8.3 21 | 975.8+x | (14^{+}) | 851.9+x | (13^{+}) | (M1+E2) | DCO=0.7 3. |
| 130.1 2 | 55 14 | 480.3+x | (10^{-}) | 350.2+x | (9-) | (M1+E2) | DCO=0.60 15. |
| 134.8 2 | 11 <i>3</i> | 237.20+x | (8) | 102.40+x | (8^{-}) | D+Q | DCO=0.8 2. |
| | | | | | | | Mult.: M1+E2 quoted by 2001Mo39. |
| 165.7 4 | 2.0 8 | 402.9+x | (9) | 237.20+x | (8) | (M1+E2) | |
| 168.9 2 | 79 20 | 505.4+x | (11^{+}) | 336.5+x | (10^{+}) | (M1+E2) | DCO=0.60 15. |
| 177.7 2 | 29 7 | 658.0+x | (11^{-}) | 480.3+x | (10^{-}) | (M1+E2) | DCO=0.60 13. |
| 179.4 2 | 71 18 | 179.40+x | (8 ⁻) | 0.0+x | (7 ⁻) | (M1+E2) | DCO=0.8 2. |
| | | | | | | | E_{γ} : other: 176 (1992Ce05). |
| 182.5 2 | 100 | 284.9+x | (9 ⁺) | 102.40+x | (8 ⁻) | (E1) | DCO=0.70 18. |
| 192.3 2 | 14 4 | 850.3+x | (12^{-}) | 658.0+x | (11^{-}) | (M1+E2) | DCO=0.50 13. |

Continued on next page (footnotes at end of table)

(HI,xnγ) 2001Mo39,1992Ce05 (continued)

$\gamma(^{120}Cs)$ (continued)

| E_{γ}^{\dagger} | I_{γ}^{\dagger} | E _i (level) | \mathbf{J}_i^{π} | $E_f \qquad J_f^{\pi}$ | Mult. ^b | Comments |
|--|------------------------|-----------------------------|----------------------|--|-------------------------------|--|
| 195.0 4 | 2.2 9 | 597.9+x | (10) | 402.9+x (9) | (M1+E2) | |
| 199.0 4 | 8.0 20 | 1031.8+x | (12^{-}) | 832.8+x (11 ⁻) | (M1+E2) | |
| 199.5 2 | 78 20 | 536.0+x | (12^{+}) | $336.5 + x (10^+)$ | (E2) | DCO=1.2 3. |
| 208.9 2 | 12 3 | 480.3+x | (10^{-}) | 271.4+x (8 ⁻) | (E2) | DCO=1.2 3. |
| 220.7 2 | 15 4 | 832.8+x | (11 ⁻) | $612.1 + x (10^{-})$ | (M1+E2) | DCO=0.8 3. |
| 223.6 4 | 1.3 5 | 821.5+x | (11) | 597.9 + x (10) | (M1+E2) | |
| ^x 234 [‡] | | | | | | |
| ^x 241.3 5 | | | | | | |
| 250.0 4 | 1.0 4 | 1071.5+x | (12) | 821.5+x (11) | (M1+E2) | |
| 251.3 4 | 4.2 17 | 1359.5+x | (14 ⁻) | $1108.2 + x (13^{-})$ | (M1+E2) | DCO=0.5 2. |
| 257.9 2 | 14 4 | 1108.2 + x | (13) | 850.3+x (12) | (M1+E2) | DCO=0.4 I. |
| 201.9 2 | 180 | 612.1+X | (10) | 350.2 + X (9) | (M1+E2) | $DCO=0.70$ 18 ($\Delta J=1$ gated). |
| 212.8 4 | 0.8 5 | 1344.5+X | (15) | 10/1.3 + x (12) | (M1+E2) | |
| 290.8 4 | 800 3 | 1322.6+x | (13) | 1031.8+x (12) | (M1+E2) | DCO=0.60 24 for doublet (290.8 γ +291.3 γ). |
| 291.3 4 | 8 [°] 3 | 1613.9+x | (14 ⁻) | 1322.6+x (13 ⁻) | (M1+E2) | DCO=0.6 for doublet (290.8 γ +291.3 γ). |
| 294.8 <i>4</i> | 0.40 16 | 1639.1+x | (14) | 1344.3 + x (13) | (M1+E2) | |
| 307.8 2 | 39 10 | 658.0+x | (11^{-}) | $350.2 + x (9^{-})$ | (E2) | Mult.: M1/E2 in 2001Mo39 seems a misprint. |
| 215.0.2 | 20.7 | 9510 | (12+) | $52(0) = (12^{\pm})$ | $(\mathbf{M}1 + \mathbf{E}2)$ | DCO=1.9 5 (Δ J=1 gated). |
| 315.9 2 | 29 / 0 20 8 | 851.9+X | (15°) | 330.0+X (12) | (M1+E2) | DCO=0.4 1. |
| 320.0 4 | 0.20 8 | 1939.1 + X 1684.0 + x | (15) (15^{-}) | $1039.1 \pm x$ (14) $1350.5 \pm x$ (14 ⁻) | (M1+E2) (M1+E2) | DCO = 0.30, 12 |
| 323.44 | 25.120 | $10.04.9\pm x$ 10.45 1±x | (15^{-}) | $1539.5 \pm x$ (14) 1613.0 $\pm x$ (14 ⁻) | $(M1\pm E2)$ | DCO-0.50 12. |
| 346 5 4 | 0.5.2 | 851.9 + x | (13^+) | $505.4 \pm x$ (11 ⁺) | (F2) | L: other: 37.3 but including γ' s from contaminants |
| 510.51 | 0.5 2 | 031.7 TX | (15) | 505.11X (11) | $(\mathbf{L}\mathbf{Z})$ | (1992Ce05). |
| 360.0 4 | 1.8 7 | 2305.1+x | (16 ⁻) | 1945.1+x (15 ⁻) | (M1+E2) | (). |
| 370.0 2 | 50 <i>13</i> | 850.3+x | (12^{-}) | 480.3+x (10 ⁻) | (E2) | DCO=1.2 3. |
| 373.8 4 | 73 | 1031.8+x | (12^{-}) | 658.0+x (11 ⁻) | (M1+E2) | DCO=0.8 5. |
| 379.9 2 | 28 7 | 1355.7+x | (15^{+}) | 975.8+x (14 ⁺) | (M1+E2) | DCO=0.4 1. |
| 382 ^e | ~ | 2376.5+x | (17^{-}) | 1993.9+x (16 ⁻) | | |
| 389.2 5 | 7.5 ^a 8 | 3637.8+x | (21^{+}) | $3248.5 + x (20^+)$ | | |
| 403.0 ^c 4 | 32° 8 | 2000.3+x | (17^+) | $1597.3 + x (16^+)$ | (M1+E2) | DCO=0.3 for doublet. |
| 403.0 ^c 4 | 32° 8 | 2766.6+x | (19^{+}) | 2363.6+x (18 ⁺) | (M1+E2) | DCO=0.3 for doublet. |
| ^x 419 [@] 1 | | | | | | |
| 419.7 4 | 7.8 20 | 1031.8+x | (12^{-}) | 612.1+x (10 ⁻) | (E2) | DCO=1.9 5 (Δ J=1 gated). |
| 439.8 2 | 98 24 | 975.8+x | (14^{+}) | 536.0+x (12 ⁺) | (E2) | DCO=1.00 25. |
| ^x 450 [‡] | | | | | | |
| 450.2 2 | 41 10 | 1108.2+x | (13 ⁻) | $658.0+x (11^{-})$ | (E2) | DCO=0.90 23. |
| ^x 473 [@] 5 | | | | | | |
| 489.8 4 | 63 | 1322.6+x | (13 ⁻) | 832.8+x (11 ⁻) | (E2) | DCO=1.1 4. |
| 503.8 4 | 5.3 21 | 1355.7+x | (15^+) | 851.9+x (13 ⁺) | (E2) | DCO=1.1 4. |
| 509.2 2 | 47 12 | 1359.5+x | (14^{-}) | 850.3+x (12 ⁻) | (E2) | DCO=0.90 23. |
| ^x 521 ^{^w} 1 | | | | | | |
| ^x 566 [@] 1 | | | | | | |
| 576.7 2 | 39 10 | 1684.9+x | (15 ⁻) | $1108.2 + x (13^{-})$ | (E2) | DCO=1.00 25. |
| 582.1 2 | 11 3 | 1613.9+x | (14 ⁻) | $1031.8+x (12^{-})$ | (E2) | DCO=1.1 3. |
| 621.5 2 | 84 21 | 1597.3+x | (16^+) | 975.8+x (14 ⁺) | (E2) | DCO=1.00 25. |
| 622.5 4 | 73 | 1945.1+x | (15^{-}) | 1322.6+x (13 ⁻) | (E2) | DCU=1.1 4. |
| 634.4 2 | 46 11 | 1993.9+x | (10^{-}) | $1359.5 + x (14^{-})$ | (E2) | DCU=0.90 23. |
| 044.0 Z | 10 4 | 2000.3 + x | (1/') | 1555./+X (15') $1612.0+x (14^-)$ | (E2) (E2) | DCU=1.00 25. |
| 601 6 2 | / J 31 8 | 2303.1+X | (10) | 1013.9 + X (14) $1684.0 + y (15^{-1})$ | (E2) (E2) | DCO = 0.00.26 |
| x(02 | 51.0 | 2370.J+X | (17) | 1004.77% (13) | $(\mathbf{L}2)$ | DCO-0.70 20. |
| ~092 ~ 720.2.4 | 7 2 | 2674 20 | (17-) | | (E2) | |
| 129.2 4 | 15 | 2074.30 | (1/) | | (E2) | |

Continued on next page (footnotes at end of table)

2001Mo39,1992Ce05 (continued) $(HI,xn\gamma)$

$\gamma(^{120}Cs)$ (continued)

| E_{γ}^{\dagger} | I_{γ}^{\dagger} | E _i (level) | \mathbf{J}_i^{π} | E_f | \mathbf{J}_f^{π} | Mult. ^b | Comments |
|------------------------|------------------------|------------------------|----------------------|----------|----------------------|--------------------|-------------------------------------|
| 747.0 2 | 24 6 | 2740.9+x | (18 ⁻) | 1993.9+x | (16 ⁻) | (E2) | DCO=1.00 25. |
| 766.3 ^d 2 | 51 ^d 13 | 2363.6+x | (18^{+}) | 1597.3+x | (16 ⁺) | (E2) | DCO=1.00 25. |
| 766.3 ^d 2 | 12 ^d 3 | 2766.6+x | (19 ⁺) | 2000.3+x | (17^{+}) | (E2) | DCO=1.00 25. |
| 793.1 2 | 24 6 | 3169.6+x | (19 ⁻) | 2376.5+x | (17^{-}) | (E2) | DCO=0.90 23. |
| 849.5 2 | 12 5 | 3590.4+x | (20^{-}) | 2740.9+x | (18^{-}) | (E2) | DCO=0.90 23. |
| 871.3 4 | 6.2 25 | 3637.8+x | (21^{+}) | 2766.6+x | (19^{+}) | (E2) | DCO=0.9 4. |
| 882.2 2 | 10 3 | 4051.8+x | (21^{-}) | 3169.6+x | (19-) | (E2) | DCO=1.00 25. |
| 884.8 2 | 13 <i>3</i> | 3248.5+x | (20^{+}) | 2363.6+x | (18^{+}) | (E2) | DCO=1.1 3. |
| 943.6 4 | 73 | 4534.0+x | (22^{-}) | 3590.4+x | (20^{-}) | (E2) | DCO=1.1 4. |
| 961.6 4 | 5.6 22 | 5013.4+x | (23^{-}) | 4051.8+x | (21^{-}) | (E2) | DCO=1.0 4. |
| 963.1 4 | 5.2 21 | 4600.9+x | (23^{+}) | 3637.8+x | (21^{+}) | (E2) | DCO=1.1 4. |
| 986.1 4 | 4.5 18 | 4234.6+x | (22^{+}) | 3248.5+x | (20^{+}) | (E2) | DCO=1.0 4. |
| 1021.7 5 | | 5555.7+x | | 4534.0+x | (22^{-}) | | $I\gamma = 13.0 \ 13 \ (1992Ce05).$ |
| 1030.6 5 | | 6044.0+x | | 5013.4+x | (23 ⁻) | | $I\gamma = 20.1 \ 20 \ (1992Ce05).$ |
| 1045 [#] 1 | | 5645.9+x | | 4600.9+x | (23^{+}) | | |
| 1070 <i>I</i> | | 5304.6+x | | 4234.6+x | (22^{+}) | | |
| 1082 <i>I</i> | | 7126.0+x | | 6044.0+x | | | |
| 1125 <i>I</i> | | 6770.9+x | | 5645.9+x | | | |
| 1135 <i>I</i> | | 6439.6+x | | 5304.6+x | | | |

[†] From 2001Mo39, unless otherwise noted. Relative to I(182.5 γ)=100.

[‡] From authors' drawing (1985QuZZ).

[#] Includes γ 's from contaminants.

[@] Reported As crossover transitions In band labeled "G" In 1992Ce05.

[&] Given for a doublet $(290.8\gamma + 291.3\gamma)$.

^{*a*} Given for a doublet $(388.1\gamma + 389.2\gamma)$.

^b Proposed by 2001Mo39 from DCO ratio, unless otherwise noted.

^c Multiply placed with undivided intensity.

^d Multiply placed with intensity suitably divided.

^{*e*} Placement of transition in the level scheme is uncertain. $^{x} \gamma$ ray not placed in level scheme.

(HI,xnγ) 2001Mo39,1992Ce05





¹²⁰₅₅Cs₆₅

(HI,xnγ) 2001Mo39,1992Ce05

Level Scheme (continued)

Legend $\begin{array}{l} I_{\gamma} < 2\% \times I_{\gamma}^{max} \\ I_{\gamma} < 10\% \times I_{\gamma}^{max} \end{array}$ Intensities: Relative I_{γ} ۲ & Multiply placed: undivided intensity given • $I_{\gamma} > 10\% \times I_{\gamma}^{max}$ @ Multiply placed: intensity suitably divided • 050 (374100 8782) + $\dot{\gamma}$ Decay (Uncertain) ---+ \$1 + 12/ + 12/ 84 (14) 1639.1+x (14^{-}) 1613.9+x (16^+) 1597.3+x ↓ 300,200,400 \$1,31,300,40 \$1,40,40 1 338 (1) 338 80 (34 Mu | 5 (14^{-}) 1359.5+x (15^+) 1355.7+x - <u>8. 6.</u> (13) ¥. 1344.3+x ł (13^{-}) 1322.6+x = ^{450,2} 353,62,41 (11,12),14 + 280 011 + 129 10 $= \begin{bmatrix} 1 & 0 \\ 0 & 0 \\$ (13⁻) 1108.2+x طريحية المحمد (12) 1071.5+x $\left|\frac{346.5}{372.5}\right|^{-346.5}$ (12^{-}) 1031.8+x (14^{+}) 975.8+x 1 911+E313 (13+) 851.9+x (12⁻) • 850.3+x ¥ (11-) 832.8+x $= \frac{3_{7,8}}{1_{7,7,7}} \frac{3_{7,8}}{6_{17,7,9}} = \frac{3_{7,8}}{6_{17,7,9}} = \frac{3_{7,8}}{6_{17,18}} = \frac{$ (11) 821.5+x + ²6! | ²6!.9 | ¹61^{1×E2}]₁₈ + ¹950 | + ¹950 | 10 + ¹950 | (11^{-}) 658.0+x (10^{-}) + 108.0 (Art 1) 61<u>2.1+x</u> 2 $\frac{1}{2} \frac{2}{2} \frac{2}$ (10) 30.6 30.6 (53) 30.6 597.9+x (12^{+}) 536.0+x (11+) + 165,7 at + 23,2 505.4+x + 38,8 (M1xE) 33,3 (10^{-}) 480.3+x 1.0 1.0 1.2 1.2 1.2 (At1 + 23 - 26 (9) 402.9+x (9-) . 6 350.2+x -0.25 336.5+x (10^{+}) (9) 326.1+x (9^+) 284.9+x (8-) 271.4+x <u>.</u> (8) 237.20+x $2^{(+)}$ 0 61.3 s 11

 $^{120}_{55}\mathrm{Cs}_{65}$

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(HI,xnγ) 2001Mo39,1992Ce05





(HI,xnγ) 2001Mo39,1992Ce05

¹²⁰₅₅Cs₆₅

(HI,xnγ) 2001Mo39,1992Ce05 (continued)



¹²⁰₅₅Cs₆₅