^{27}Al(^{18}O,Xγ), ^{45}Sc(γ,n),(γ,p)

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	T. W. Burrows	NDS 109, 171 (2008)	30-Oct-2007

Giant Dipole Resonances.

1990Ki04: ^{27}Al(^{18}O,Xγ) E=31.5, 44.9, 61.5, and 72.5 MeV. Measured γ's and $\gamma(\theta$=40°,60°,90°,120°,140°); NaI, tof. Deduced GDR strength function.

1993Ki08, 1993Ki12: ^{27}Al(^{18}O,Xγ) E=44.9-109.9 MeV. Measured γ-spectral shapes and deduced GDR strength function and structure near GDR.

1995Is07: ^{45}Sc(γ,n),(γ,p) E=32 MeV. Measured σ(E). Deduced GDR decay characteristics.

2000Ki16: ^{27}Al(^{18}O,Xγ) E=8.3 MeV/A. Measured Eγ, I$\gamma(\theta)$. Deduced GDR parameters; analysis included data of 1993Ki12.