

Table 11.6 from (2012KE01): Measurements of interaction cross sections, and (^{11}Be , n) and (^{11}Be , ^{10}Be) breakup reactions

Target	^{11}Be Beam Energy (MeV/A)	Measured	Reference
^1H	$\approx 35\text{-}81$	reaction σ	(2002DE29)
^{12}C , ^{27}Al	33	reaction σ and fragmentation σ	(1991FU10)
^9Be , C, ^{27}Al	800	interaction σ	(1988TA10)
^9Be , Ti, ^{197}Au	41	neutron angular distributions	(1993AN05, 1994AN12)
C	30.9, 41.7	neutron removal σ and cluster breakup σ	(2004AS02, 2004FR20)
^9Be , ^{93}Nb , ^{181}Ta , ^{238}U	63	P_{\parallel} distribution	(1995KE02)
^9Be	60	P_{\parallel} distribution and ^{10}Be levels populated	(2000AU02, 2002TO18)
^9Be	38.5	neutron P_{\parallel} distribution	(2001AX01)
^9Be	29.9	neutron angular distribution and energy spectrum	(1999GR11)
^9Be , ^{197}Au	41	^{10}Be fragment energy and angle distribution, and γ -ray coincidence	(1998BU11)
^{28}Si	30-60	reaction σ and neutron removal σ	(2001WA40)
^{28}Si	≤ 60	breakup σ , neutron angular momentum distribution and ^{10}Be fragment energy and angle distribution	(1999NE04, 1999SK06)
Pb, C	68	n + ^{10}Be relative energy spectra	(2002FU20, 2003NA37, 2004FU29, 2004NA11, 2004NA21, 2005NA40)
Pb	72	n + ^{10}Be relative energy, Dipole strength distribution	(1994NA22, 1995NA11)
Pb	≈ 520 MeV	CD σ , Dipole excitation function, and $^{11}\text{Be}_{\text{g.s.}}$ spectroscopic factors	(2001AU04, 2003PA31, 2004PA08, 2004PA23)